

ID: [NO=1, Position=1, Grain=1]

Status: OK

Tn: 4130.5 +/- 105.58

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 33.4 +/- 3

RSE of Tn: 2.56 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 0.98 +/- 0.04

Recuperation 1: 0.65 +/- 0.06 (%)

Recuperation 2: 0.6 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.4

Average error in fit: 0.06

Reduced Chi-Square: 3.8

Figure Of Merit: 3.53 (%)

calED method: Interpolation

MC acceptance-rate: 90.25 (%)

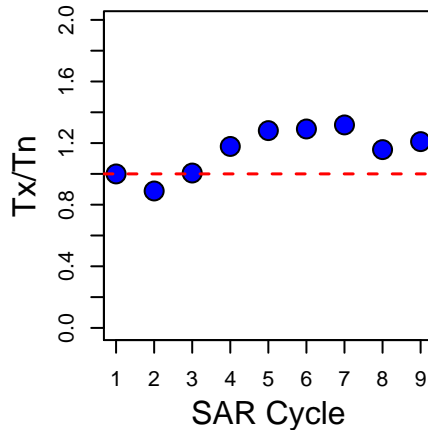
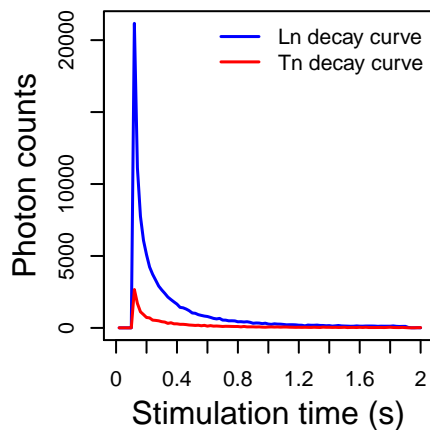
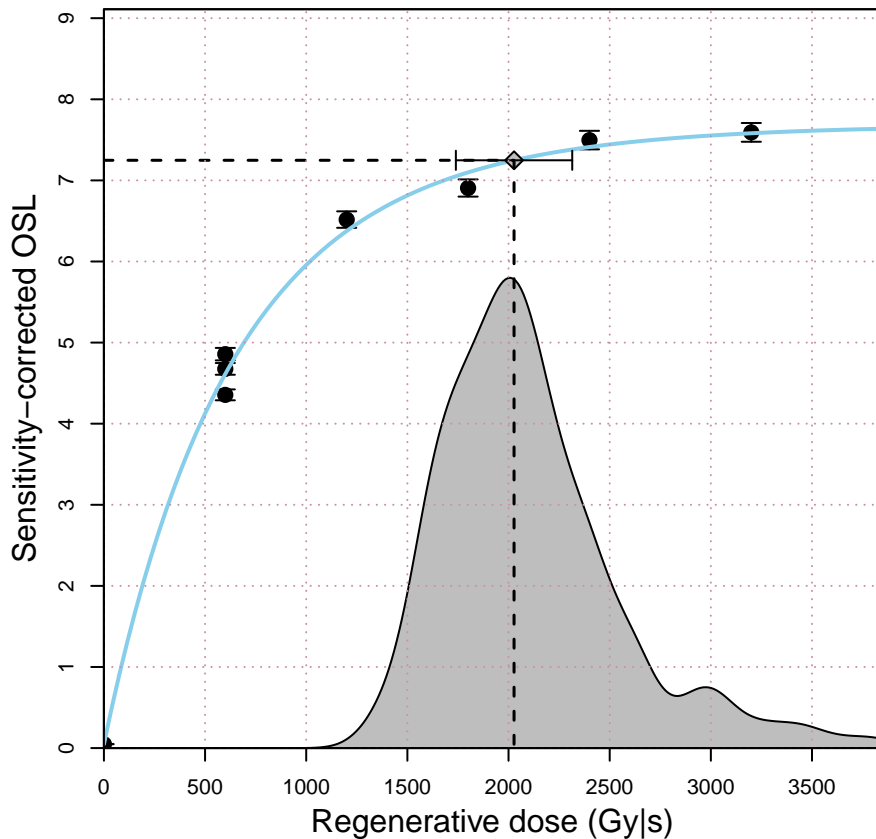
ED: 1773.62 +/- 565.17 (Gy/s)

RSE of ED: 31.87 (%)

95% interval: [1241.76, 3063.36]

68% interval: [1436.18, 2328.75]

Summary



ID: [NO=2, Position=1, Grain=2]
=====

Status: OK
=====

Tn: 6986 +/- 163.5
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 47.57 +/- 3.92
RSE of Tn: 2.34 (%)
Fast ratio of Tn: NA +/- NA
=====

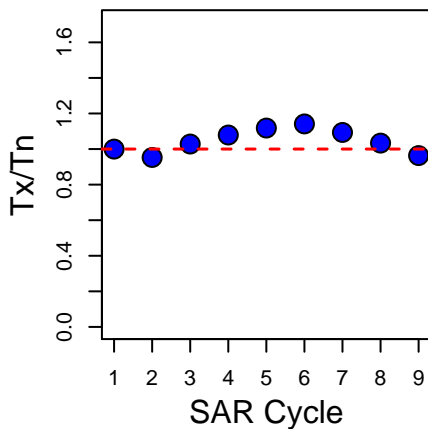
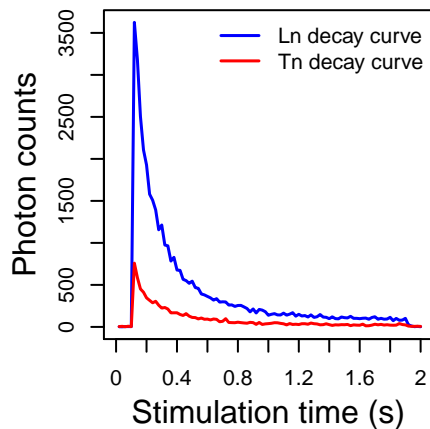
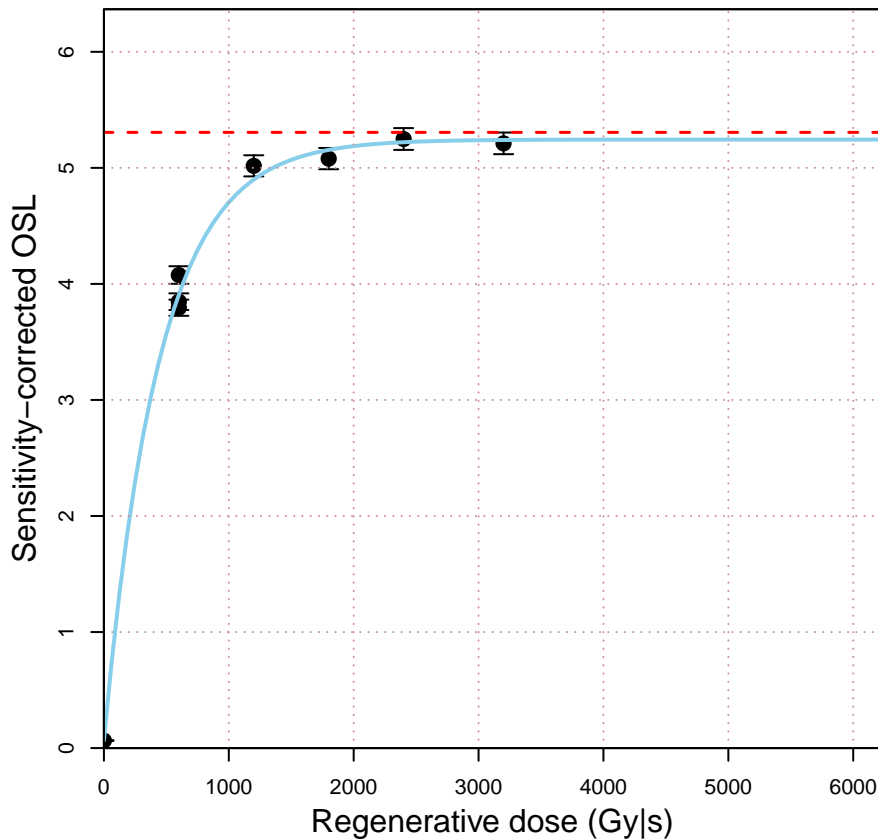
Recycling ratio 1: 0.96 +/- 0.04
Recycling ratio 2: 0.9 +/- 0.04
Recycling ratio 3: 0.93 +/- 0.04
=====

Recuperation 1: 0.67 +/- 0.05 (%)
Recuperation 2: 0.64 +/- 0.05 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 7.85
Average error in fit: 0.06
Reduced Chi-Square: 2.62
Figure Of Merit: 2.34 (%)
=====

calED method: Interpolation
MC acceptance-rate: 94.88 (%)
ED: 2027.29 +/- 575.25 (Gy/s)
RSE of ED: 28.38 (%)
95% interval: [1484.05, 3465.99]
68% interval: [1702.44, 2486.38]

Summary



ID: [NO=3, Position=1, Grain=3]

Status: Ln/Tn saturated

Tn: 2427.5 +/- 70.55

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 19.89 +/- 1.8

RSE of Tn: 2.91 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.22 +/- 0.05

Recycling ratio 2: 0.94 +/- 0.05

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 1.22 +/- 0.13 (%)

Recuperation 2: 1.23 +/- 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2.71

Average error in fit: 0.03

Reduced Chi-Square: 0.9

Figure Of Merit: 1.84 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

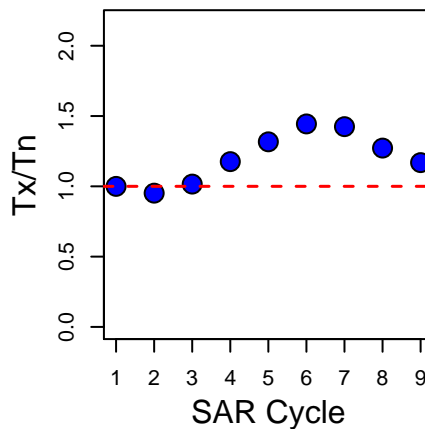
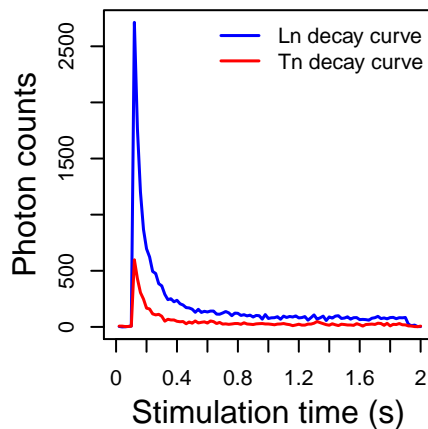
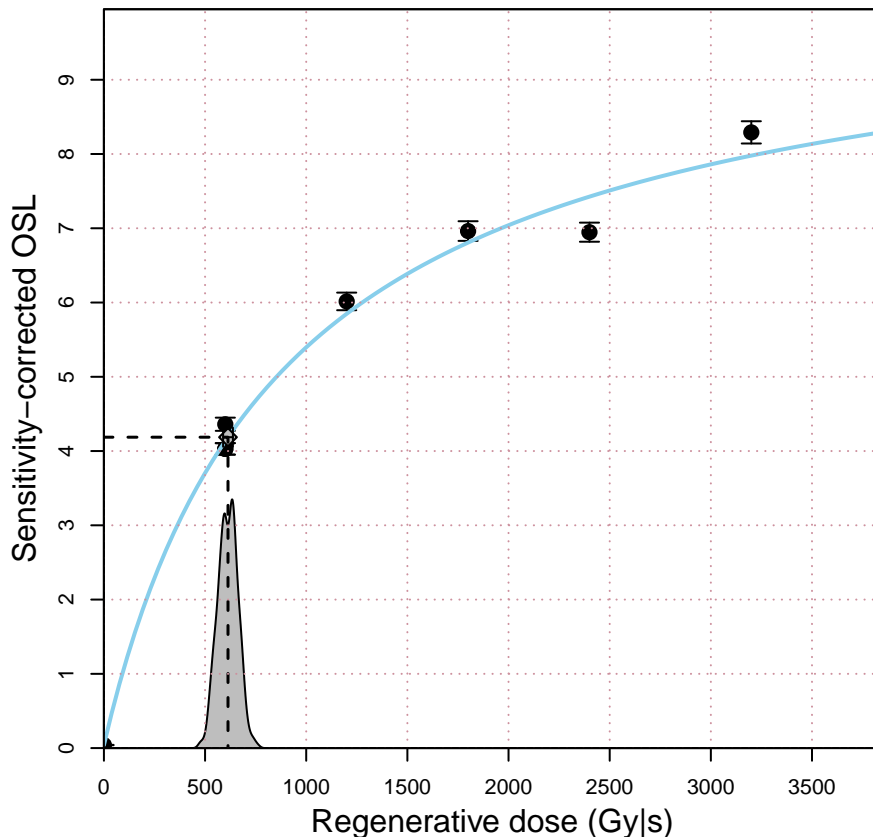
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=5, Position=1, Grain=5]

Status: OK

Tn: 1634.5 +/- 53.62

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 15.28 +/- 1.47

RSE of Tn: 3.28 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 0.98 +/- 0.13 (%)

Recuperation 2: 0.49 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.96

Average error in fit: 0.08

Reduced Chi-Square: 2.65

Figure Of Merit: 3.83 (%)

calED method: Interpolation

MC acceptance-rate: 93.11 (%)

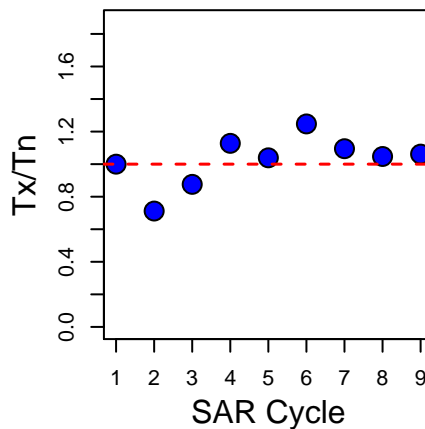
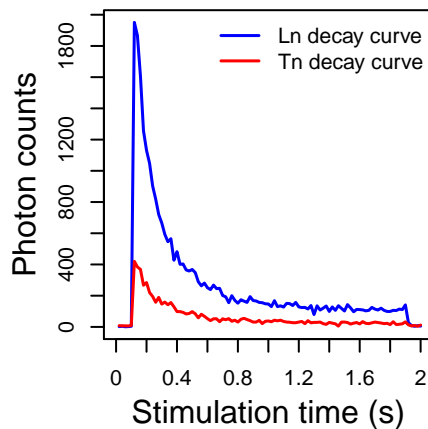
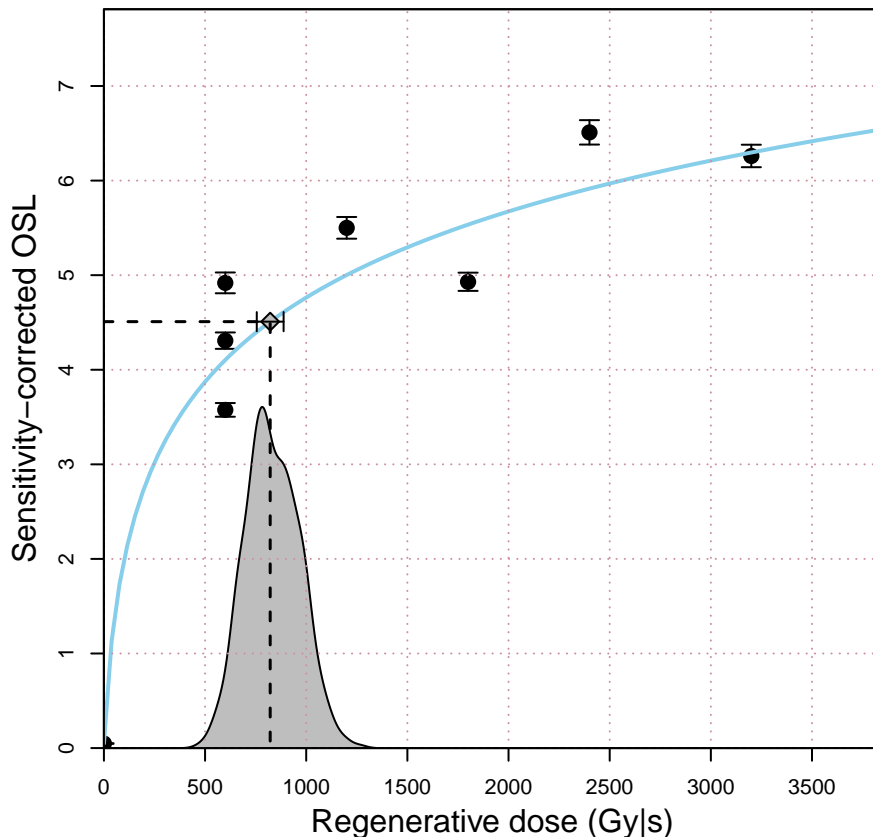
ED: 613.4 +/- 48.36 (Gy/s)

RSE of ED: 7.88 (%)

95% interval: [520.62, 704.61]

68% interval: [563.61, 661.96]

Summary



ID: [NO=6, Position=1, Grain=6]
=====

Status: OK
=====

Tn: 1609.5 +/- 53.08
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 15.06 +/- 1.45
RSE of Tn: 3.3 (%)
Fast ratio of Tn: NA +/- NA
=====

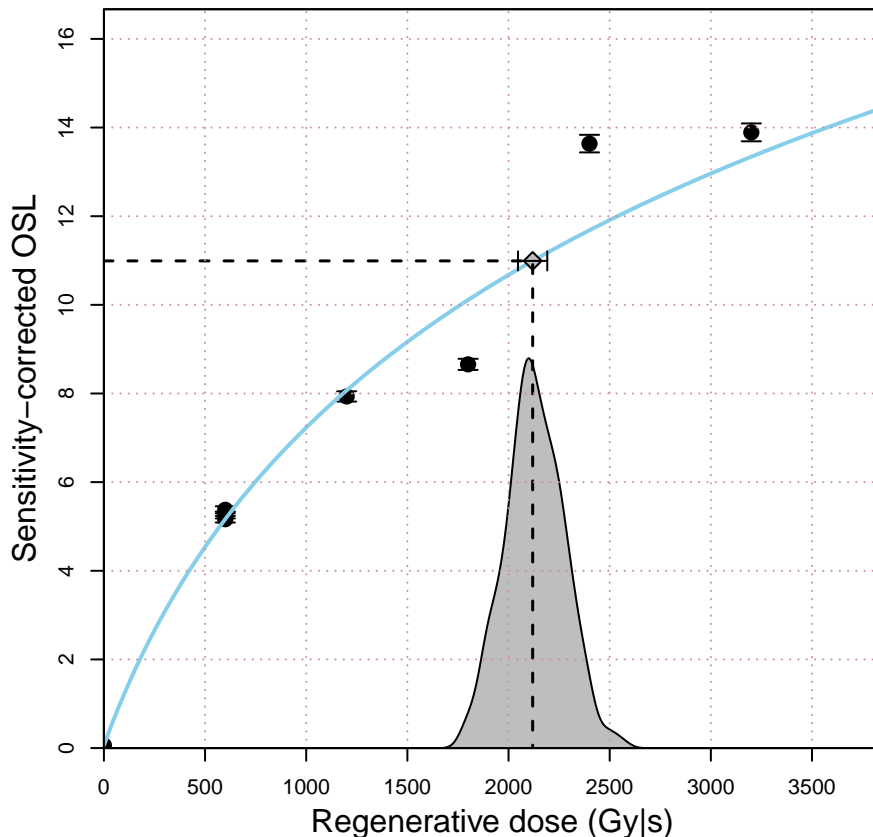
Recycling ratio 1: 0.88 +/- 0.05
Recycling ratio 2: 0.73 +/- 0.04
Recycling ratio 3: 0.83 +/- 0.05
=====

Recuperation 1: 1.07 +/- 0.17 (%)
Recuperation 2: 0.74 +/- 0.12 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 48.34
Average error in fit: 0.17
Reduced Chi-Square: 16.11
Figure Of Merit: 9.35 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 821.87 +/- 132.6 (Gy/s)
RSE of ED: 16.13 (%)
95% interval: [589.42, 1094.97]
68% interval: [694.67, 974.22]

Summary



ID: [NO=7, Position=1, Grain=7]
=====

Status: OK
=====

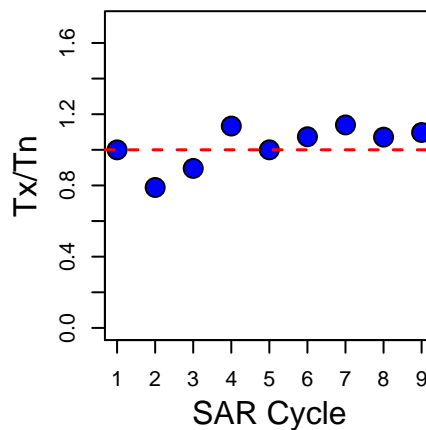
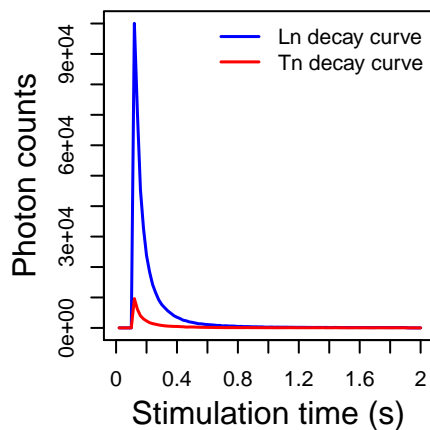
Tn: 24750 +/- 519.7
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 120.57 +/- 8.41
RSE of Tn: 2.1 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.02 +/- 0.04
Recycling ratio 2: 0.98 +/- 0.04
Recycling ratio 3: 0.96 +/- 0.04
=====

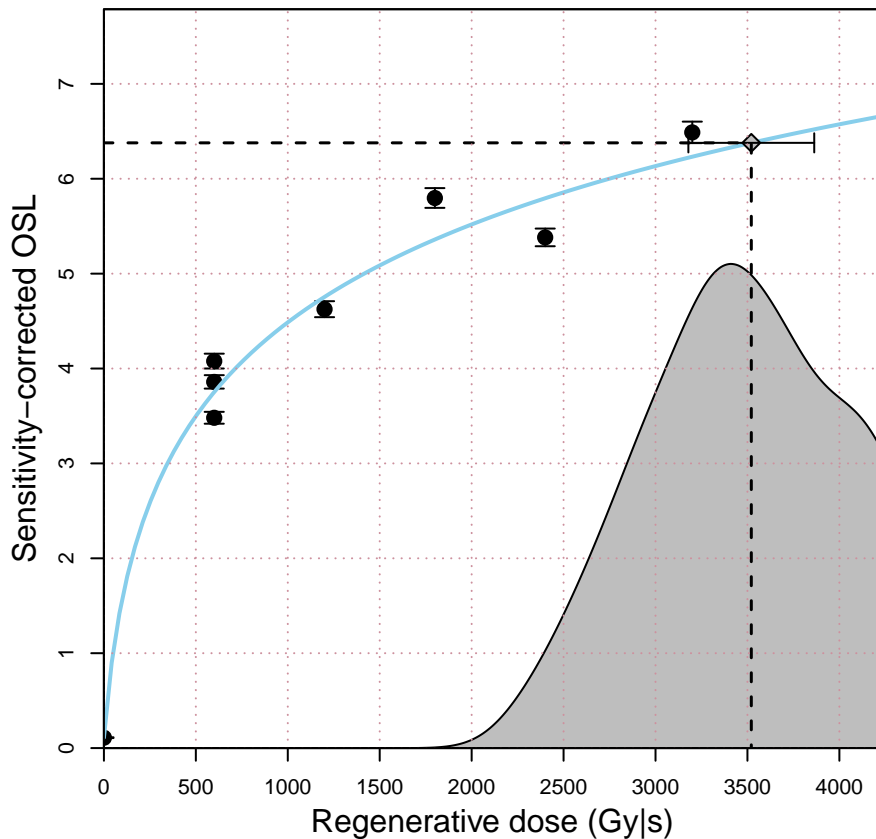
Recuperation 1: 0.57 +/- 0.03 (%)
Recuperation 2: 0.45 +/- 0.02 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 62.23
Average error in fit: 0.31
Reduced Chi-Square: 20.74
Figure Of Merit: 7.49 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 2119.24 +/- 144.55 (Gy/s)
RSE of ED: 6.82 (%)
95% interval: [1853.73, 2402.75]
68% interval: [1989.99, 2273.95]



Summary



ID: [NO=8, Position=1, Grain=8]

Status: OK

Tn: 2450.5 +/- 71.24

Ratio of Tn to BG: TRUE

RSE of Tn: 2.91 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 0.85 +/- 0.04

Recycling ratio 3: 0.9 +/- 0.05

Recuperation 1: 1.72 +/- 0.14 (%)

Recuperation 2: 1.69 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 20.84

Average error in fit: 0.1

Reduced Chi-Square: 6.95

Figure Of Merit: 5.79 (%)

calED method: Extrapolation

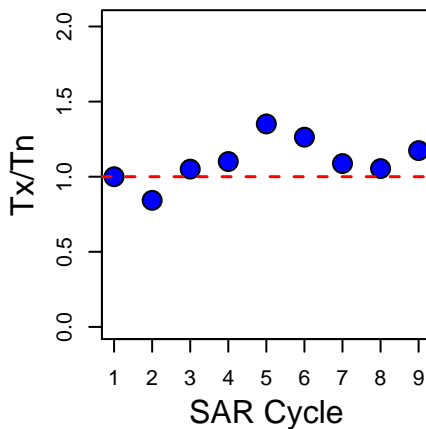
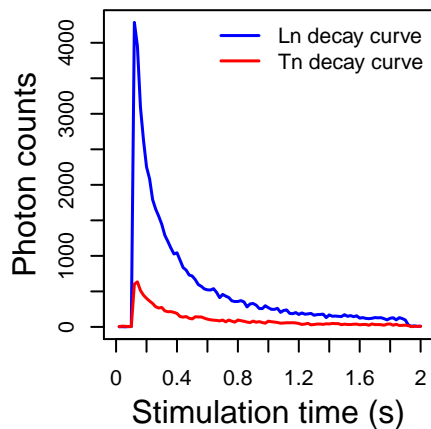
MC acceptance-rate: 100 (%)

ED: 3521.04 +/- 684.49 (Gy|s)

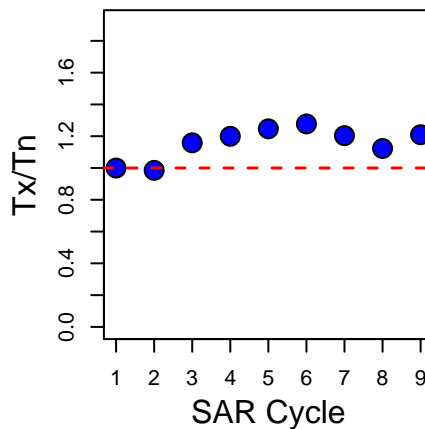
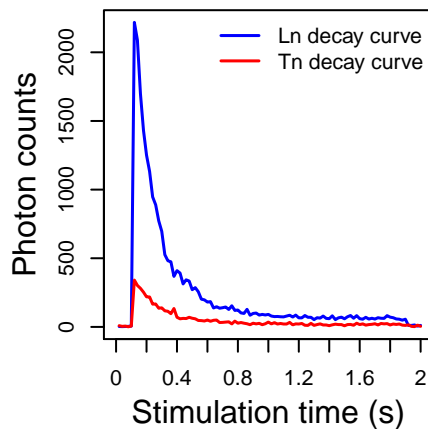
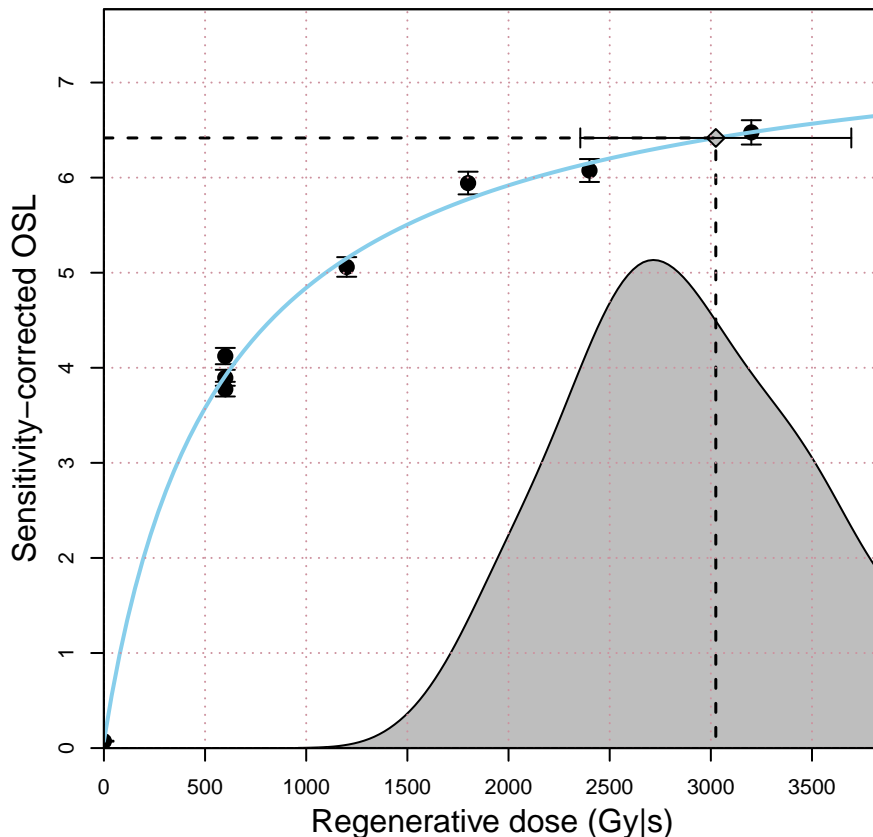
RSE of ED: 19.44 (%)

95% interval: [2461.36, 5130.01]

68% interval: [2963.03, 4271.18]



Summary



ID: [NO=9, Position=1, Grain=9]
=====

Status: OK
=====

Tn: 1304.5 +/- 46.07
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 15.26 +/- 1.65
RSE of Tn: 3.53 (%)
Fast ratio of Tn: NA +/- NA
=====

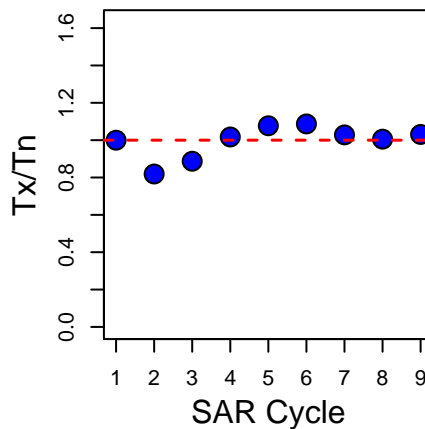
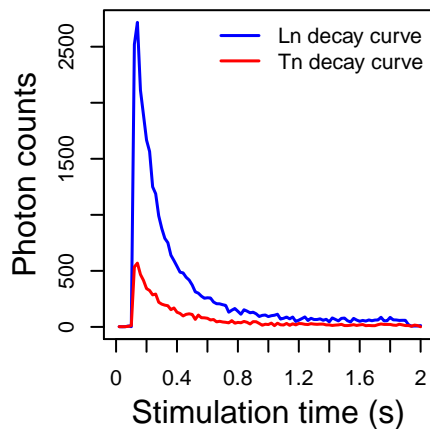
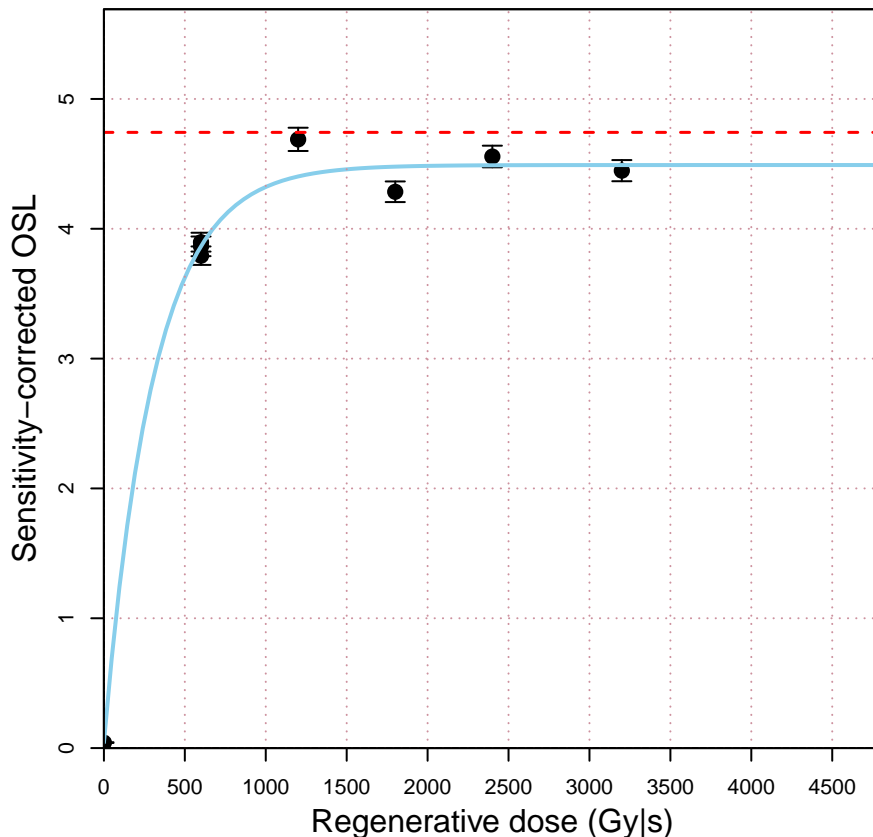
Recycling ratio 1: 1.06 +/- 0.06
Recycling ratio 2: 0.97 +/- 0.06
Recycling ratio 3: 0.92 +/- 0.05
=====

Recuperation 1: 1.13 +/- 0.15 (%)
Recuperation 2: 1.12 +/- 0.15 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3.11
Average error in fit: 0.04
Reduced Chi-Square: 1.04
Figure Of Merit: 2 (%)
=====

calED method: Interpolation
MC acceptance-rate: 82.1 (%)
ED: 3024.47 +/- 1339.67 (Gy/s)
RSE of ED: 44.29 (%)
95% interval: [1853.48, 7155.79]
68% interval: [2321.4, 3972.02]

Summary



ID: [NO=10, Position=1, Grain=10]

Status: Ln/Tn saturated

Tn: 2232 \pm 66.12

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 23.78 \pm 2.45

RSE of Tn: 2.96 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.98 \pm 0.05

Recycling ratio 2: 1.01 \pm 0.05

Recycling ratio 3: 1.03 \pm 0.05

Recuperation 1: 0.89 \pm 0.13 (%)

Recuperation 2: 0.9 \pm 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.57

Average error in fit: 0.05

Reduced Chi-Square: 1.52

Figure Of Merit: 2.36 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

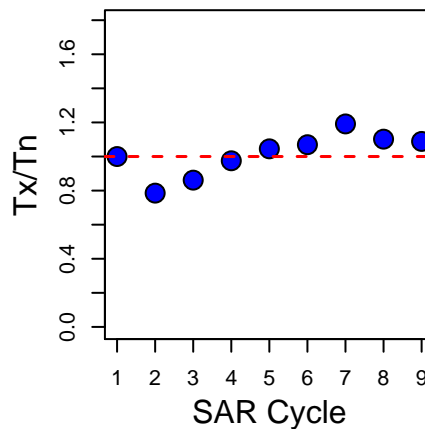
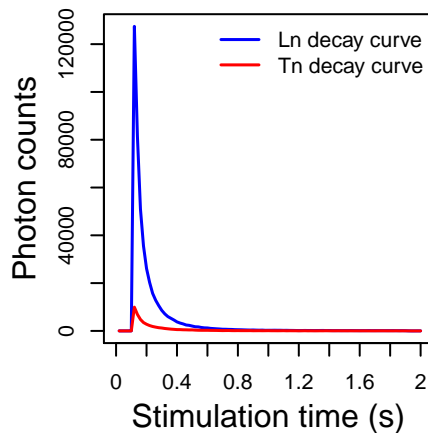
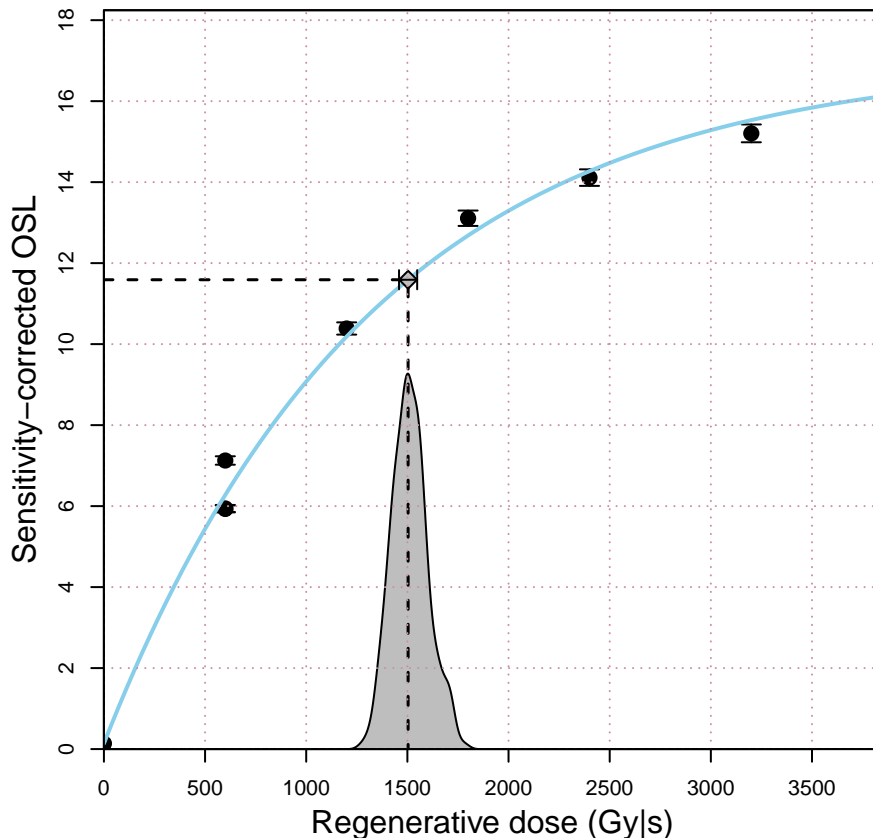
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=11, Position=1, Grain=11]

Status: OK

Tn: 27705 \pm 578.85

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 125.8 \pm 8.48

RSE of Tn: 2.09 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.83 \pm 0.03

Recycling ratio 2: 0.83 \pm 0.03

Recycling ratio 3: 1 \pm 0.04

Recuperation 1: 1.2 \pm 0.05 (%)

Recuperation 2: 0.91 \pm 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 26.89

Average error in fit: 0.14

Reduced Chi-Square: 8.96

Figure Of Merit: 3.69 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

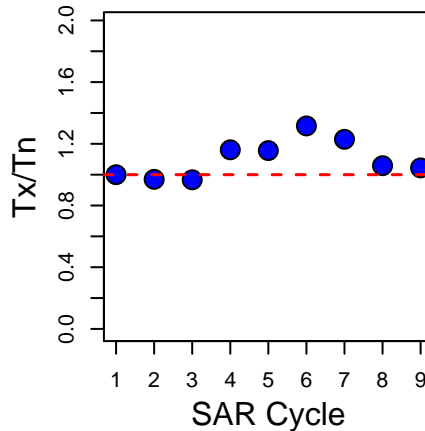
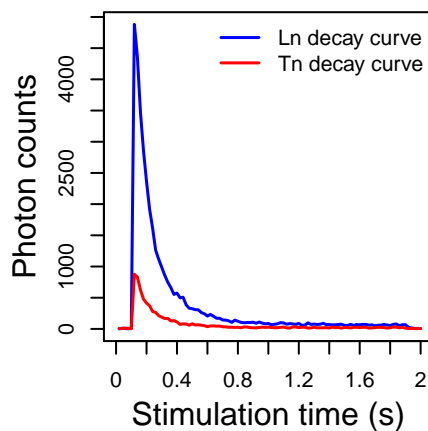
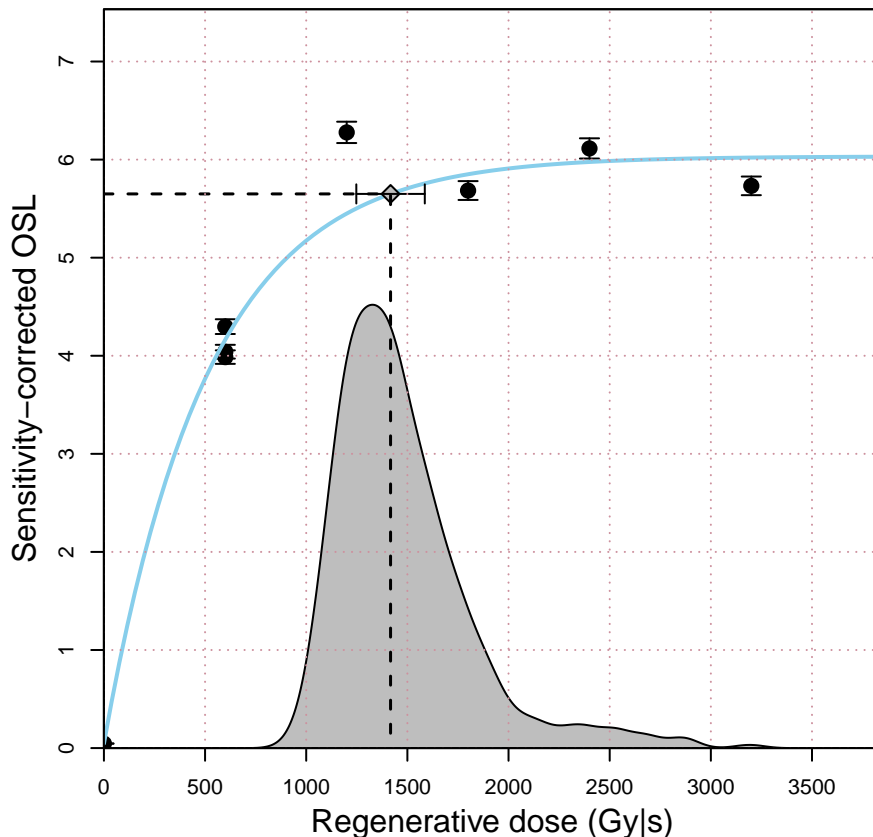
ED: 1503.58 \pm 89.58 (Gy/s)

RSE of ED: 5.96 (%)

95% interval: [1351.08, 1707.64]

68% interval: [1423.69, 1594.89]

Summary



ID: [NO=12, Position=1, Grain=12]

Status: OK

Tn: 3116.5 +/- 84.63

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.99 +/- 2.94

RSE of Tn: 2.72 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 0.94 +/- 0.05

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.82 +/- 0.08 (%)

Recuperation 2: 0.73 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 21.22

Average error in fit: 0.12

Reduced Chi-Square: 7.07

Figure Of Merit: 5.17 (%)

calED method: Interpolation

MC acceptance-rate: 92.76 (%)

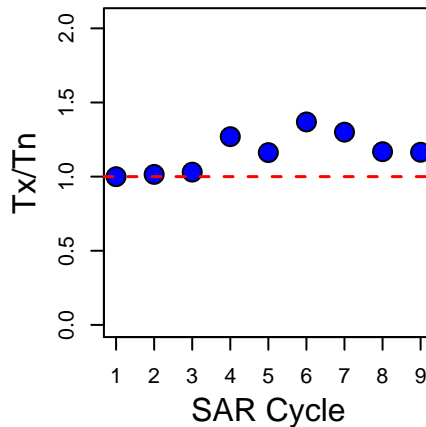
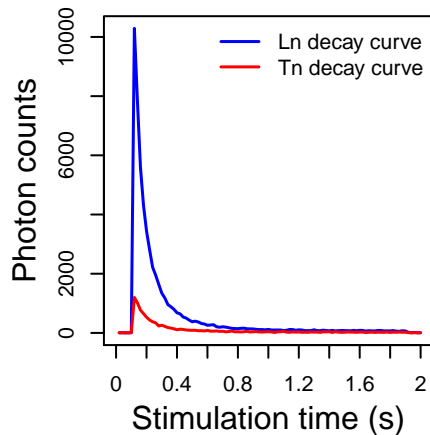
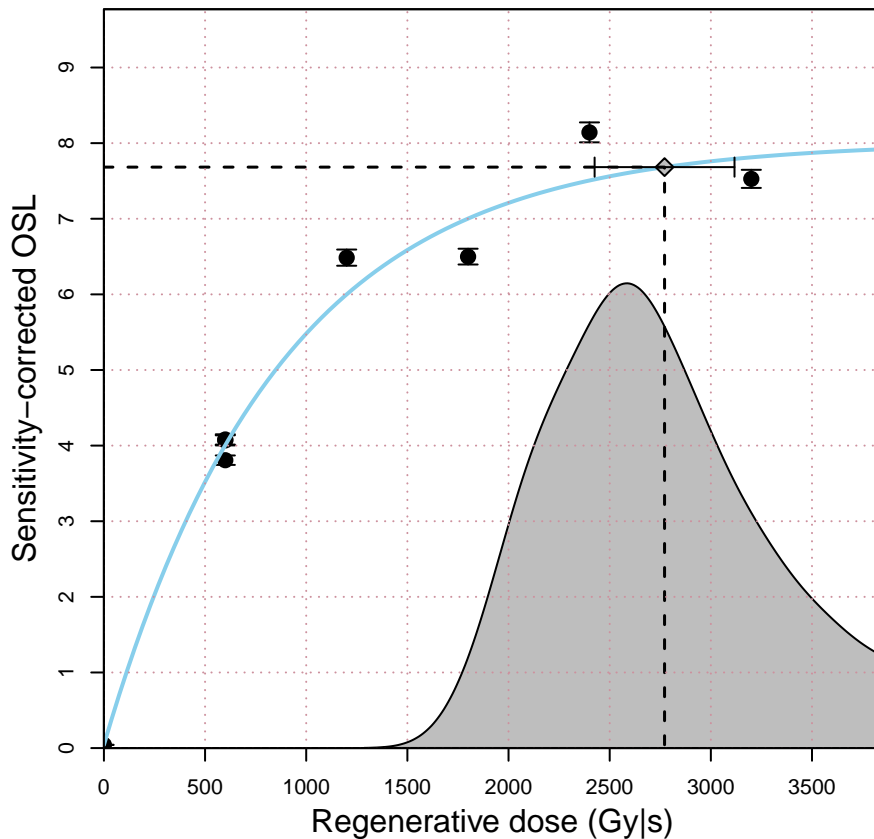
ED: 1416.88 +/- 338.4 (Gy/s)

RSE of ED: 23.88 (%)

95% interval: [1058.85, 2467.2]

68% interval: [1193.58, 1741.96]

Summary



ID: [NO=14, Position=1, Grain=14]

Status: OK

Tn: 4053.5 \pm 103.92

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.1 \pm 3.4

RSE of Tn: 2.56 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.93 \pm 0.04

Recycling ratio 2: 1 \pm 0.05

Recycling ratio 3: 1.07 \pm 0.05

Recuperation 1: 0.56 \pm 0.05 (%)

Recuperation 2: 0.53 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 21.25

Average error in fit: 0.13

Reduced Chi-Square: 7.08

Figure Of Merit: 5.56 (%)

calED method: Interpolation

MC acceptance-rate: 83.89 (%)

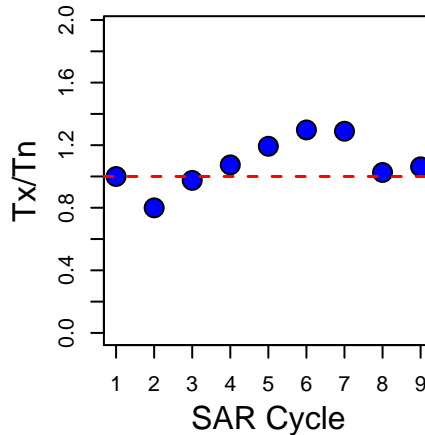
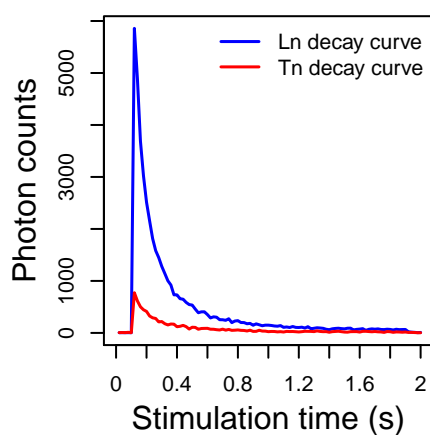
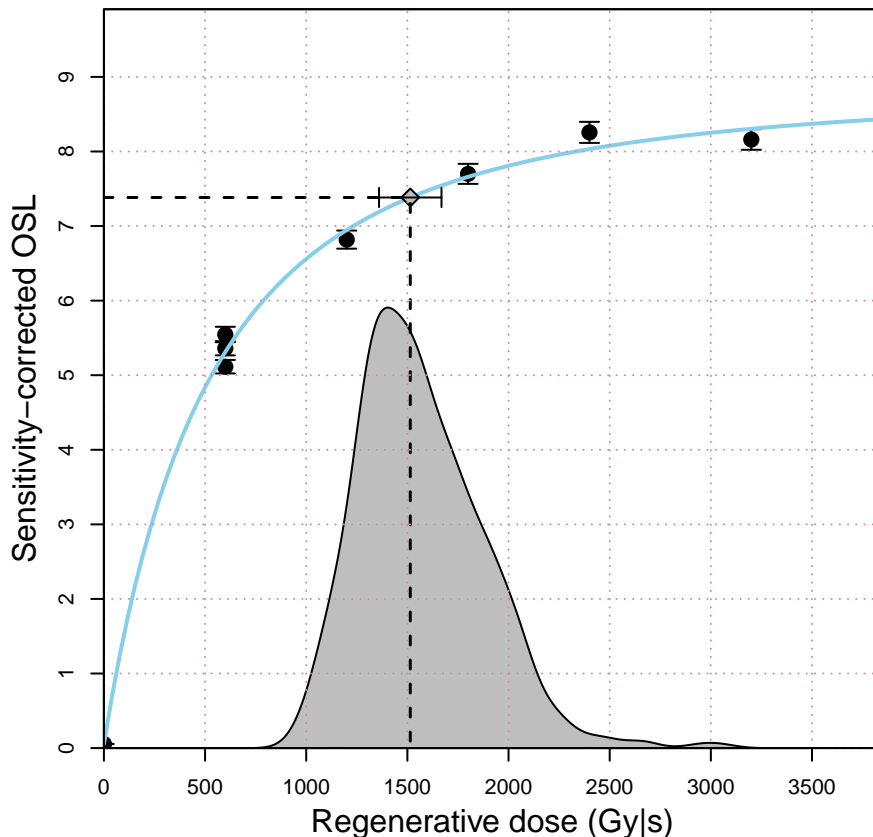
ED: 2771.23 \pm 691.43 (Gy/s)

RSE of ED: 24.95 (%)

95% interval: [1926.46, 4699.05]

68% interval: [2219.33, 3474.87]

Summary



ID: [NO=15, Position=1, Grain=15]

Status: OK

Tn: 2660 +/- 74.98

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 31.23 +/- 3.38

RSE of Tn: 2.82 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 0.95 +/- 0.05

Recuperation 1: 0.74 +/- 0.07 (%)

Recuperation 2: 0.66 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.76

Average error in fit: 0.05

Reduced Chi-Square: 1.25

Figure Of Merit: 2.17 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

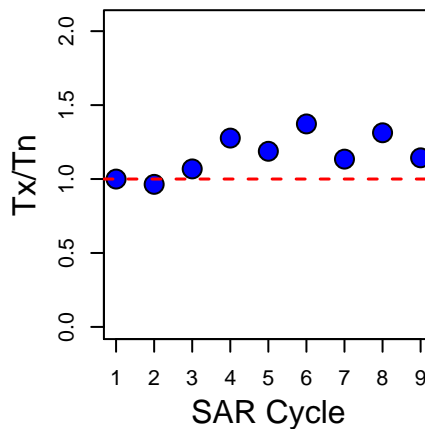
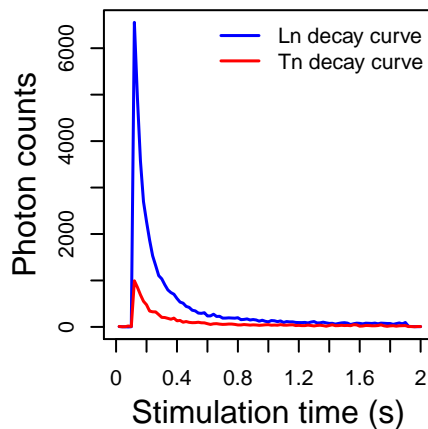
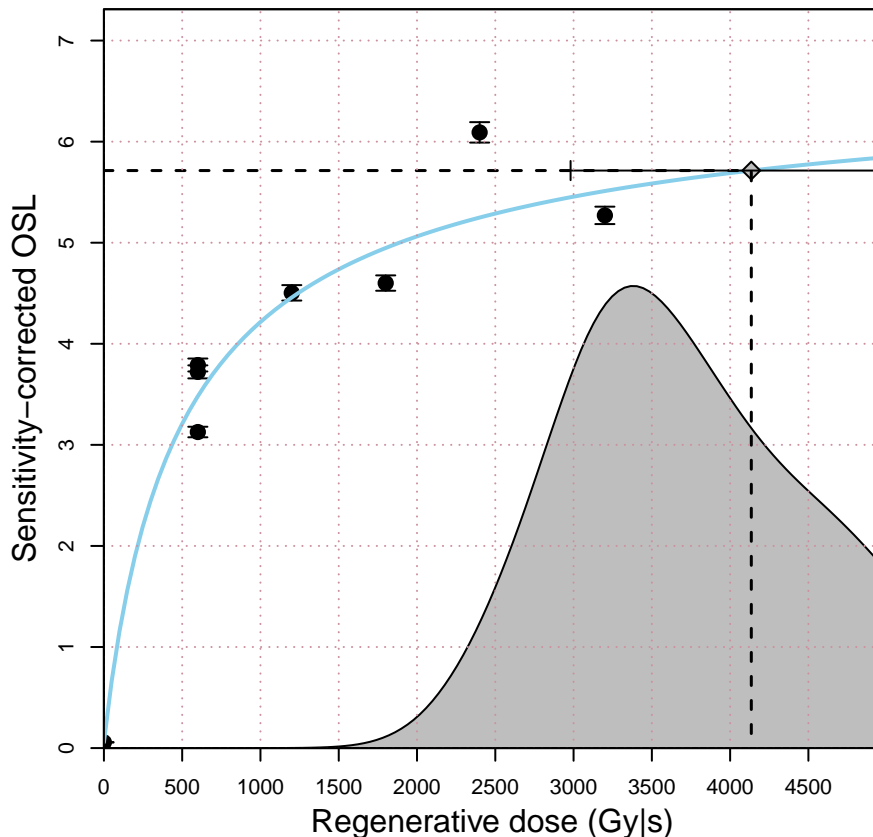
ED: 1514.27 +/- 308.61 (Gy/s)

RSE of ED: 20.38 (%)

95% interval: [1092.42, 2225.64]

68% interval: [1286.04, 1879.5]

Summary



ID: [NO=17, Position=1, Grain=17]

Status: OK

Tn: 3439.5 +/- 91.43

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.41 +/- 2.58

RSE of Tn: 2.66 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.84 +/- 0.04

Recycling ratio 2: 1.02 +/- 0.05

Recycling ratio 3: 1.21 +/- 0.06

Recuperation 1: 1 +/- 0.1 (%)

Recuperation 2: 0.94 +/- 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 45.54

Average error in fit: 0.14

Reduced Chi-Square: 15.18

Figure Of Merit: 7.76 (%)

calED method: Extrapolation

MC acceptance-rate: 81.3 (%)

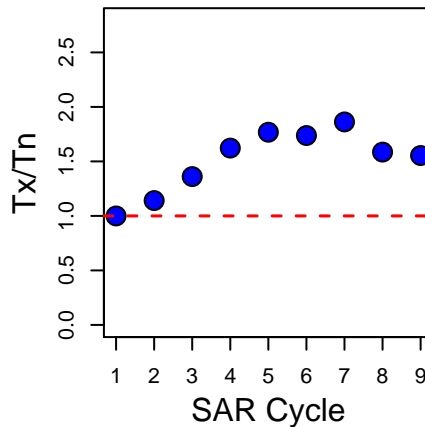
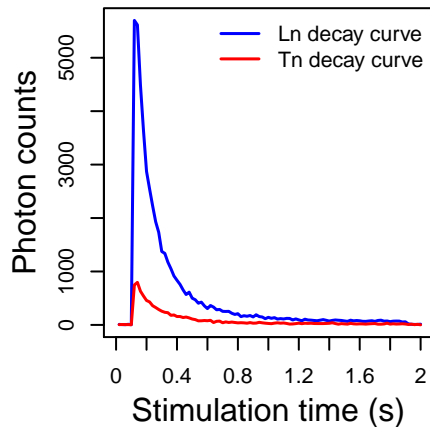
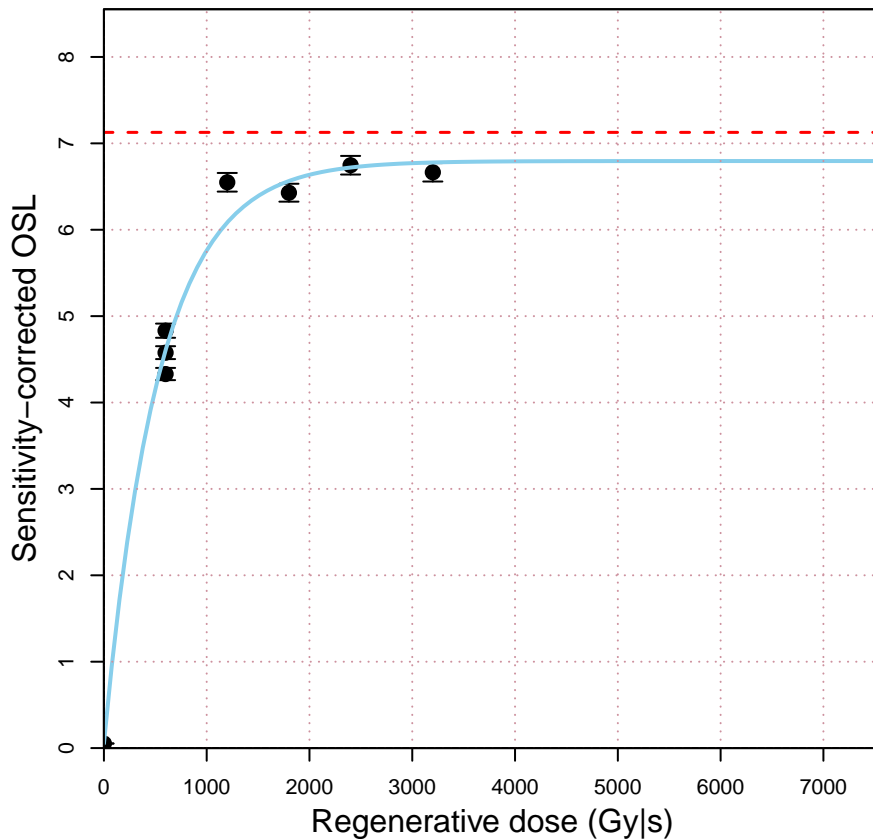
ED: 4135.3 +/- 2308.82 (Gy/s)

RSE of ED: 55.83 (%)

95% interval: [2500.92, 11463.09]

68% interval: [3058.49, 5709.37]

Summary



ID: [NO=18, Position=1, Grain=18]
=====

Status: Ln/Tn saturated
=====

Tn: 3081 +/- 83.77
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 34.13 +/- 3.59
RSE of Tn: 2.72 (%)
Fast ratio of Tn: NA +/- NA
=====

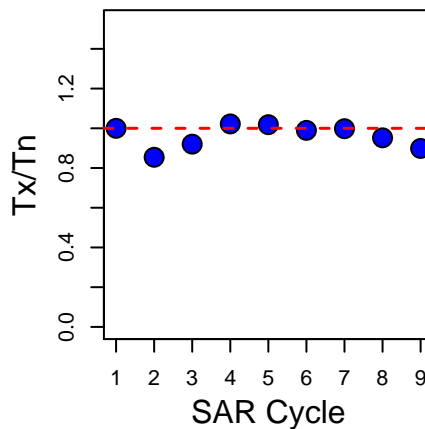
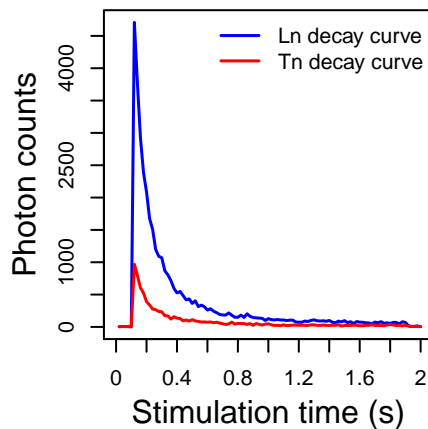
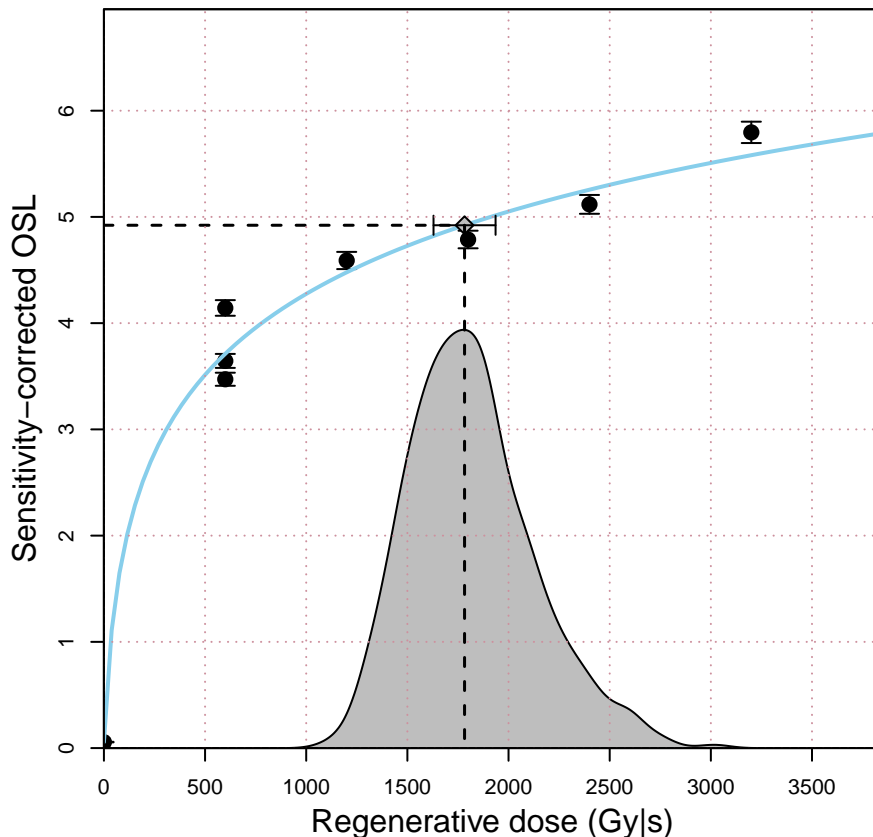
Recycling ratio 1: 0.95 +/- 0.04
Recycling ratio 2: 0.9 +/- 0.04
Recycling ratio 3: 0.95 +/- 0.04
=====

Recuperation 1: 0.74 +/- 0.06 (%)
Recuperation 2: 0.78 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 11.1
Average error in fit: 0.08
Reduced Chi-Square: 3.7
Figure Of Merit: 3.18 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=19, Position=1, Grain=19]

Status: OK

Tn: 3160 \pm 85.67

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 26.69 \pm 2.45

RSE of Tn: 2.71 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.95 \pm 0.05

Recycling ratio 2: 1.14 \pm 0.06

Recycling ratio 3: 1.19 \pm 0.06

Recuperation 1: 1.14 \pm 0.12 (%)

Recuperation 2: 0.97 \pm 0.1 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 15.65

Average error in fit: 0.07

Reduced Chi-Square: 5.22

Figure Of Merit: 4.29 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

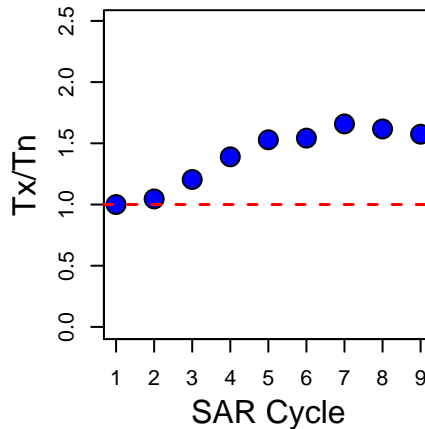
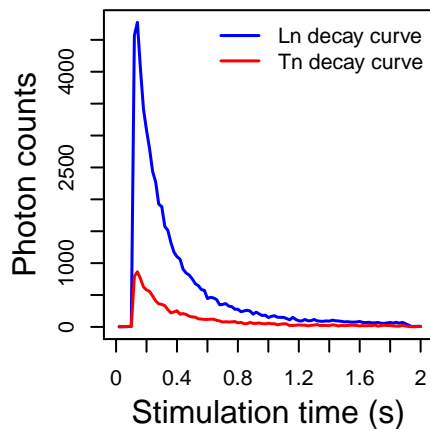
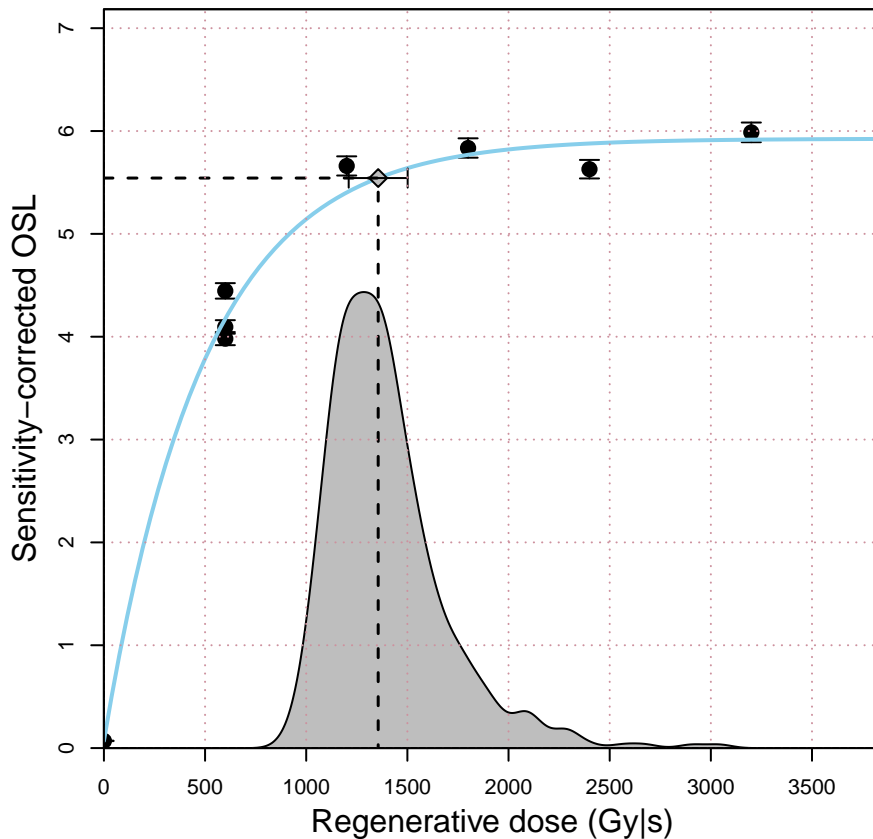
ED: 1782.58 \pm 306.67 (Gy/s)

RSE of ED: 17.2 (%)

95% interval: [1312.43, 2542.68]

68% interval: [1526.38, 2101.07]

Summary



ID: [NO=20, Position=1, Grain=20]

Status: OK

Tn: 3530.5 +/- 93

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 40.89 +/- 4.4

RSE of Tn: 2.63 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 1.26 +/- 0.09 (%)

Recuperation 2: 1.17 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.02

Average error in fit: 0.06

Reduced Chi-Square: 3.34

Figure Of Merit: 3.34 (%)

calED method: Interpolation

MC acceptance-rate: 93.63 (%)

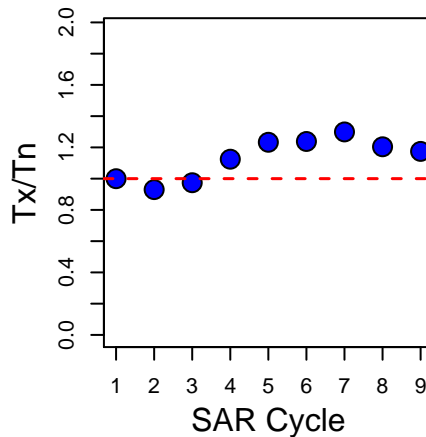
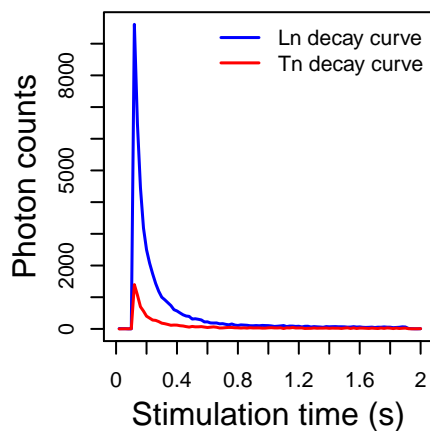
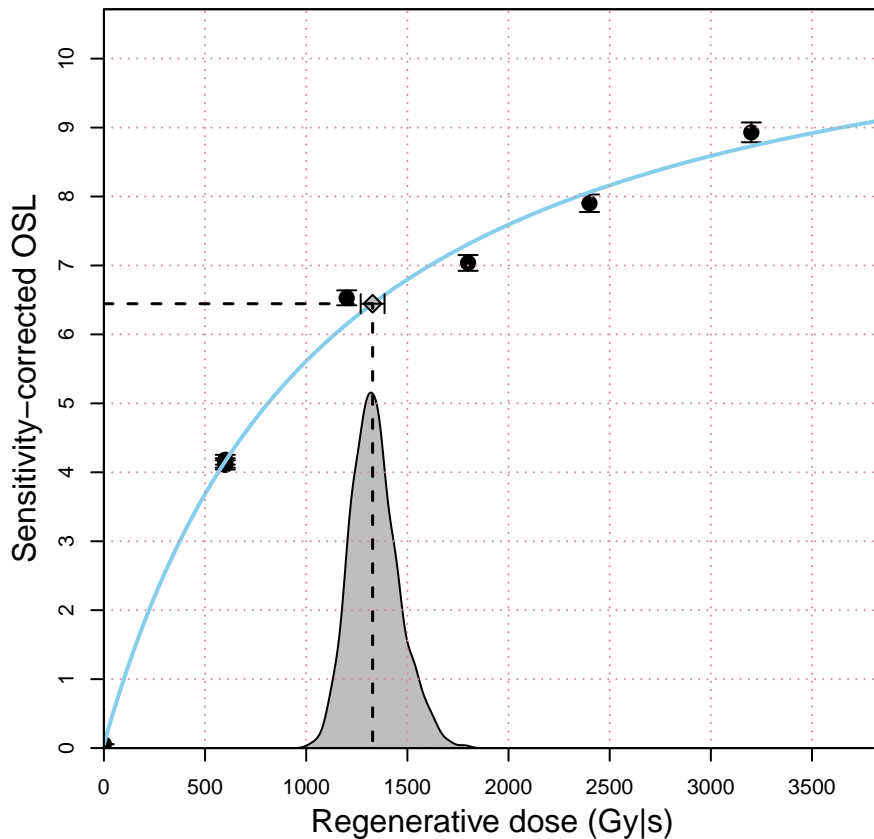
ED: 1355.64 +/- 291.33 (Gy/s)

RSE of ED: 21.49 (%)

95% interval: [1023.12, 2130.34]

68% interval: [1147.52, 1640.18]

Summary



ID: [NO=21, Position=1, Grain=21]

Status: OK

Tn: 4028 +/- 103.31

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 40.11 +/- 4

RSE of Tn: 2.56 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.98 +/- 0.05

Recycling ratio 2: 0.99 +/- 0.05

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.88 +/- 0.07 (%)

Recuperation 2: 0.63 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.59

Average error in fit: 0.07

Reduced Chi-Square: 1.86

Figure Of Merit: 2.6 (%)

calED method: Interpolation

MC acceptance-rate: 96.15 (%)

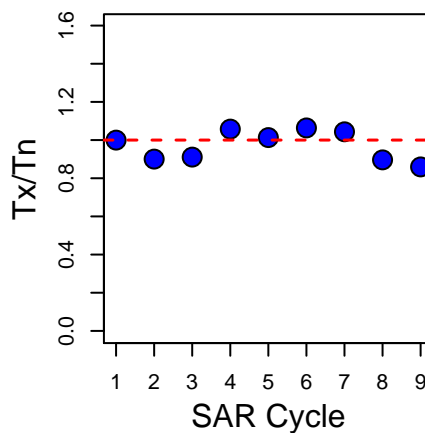
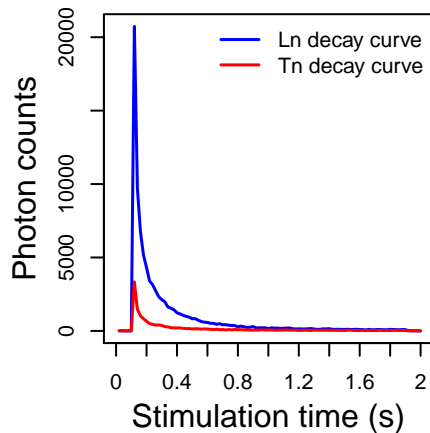
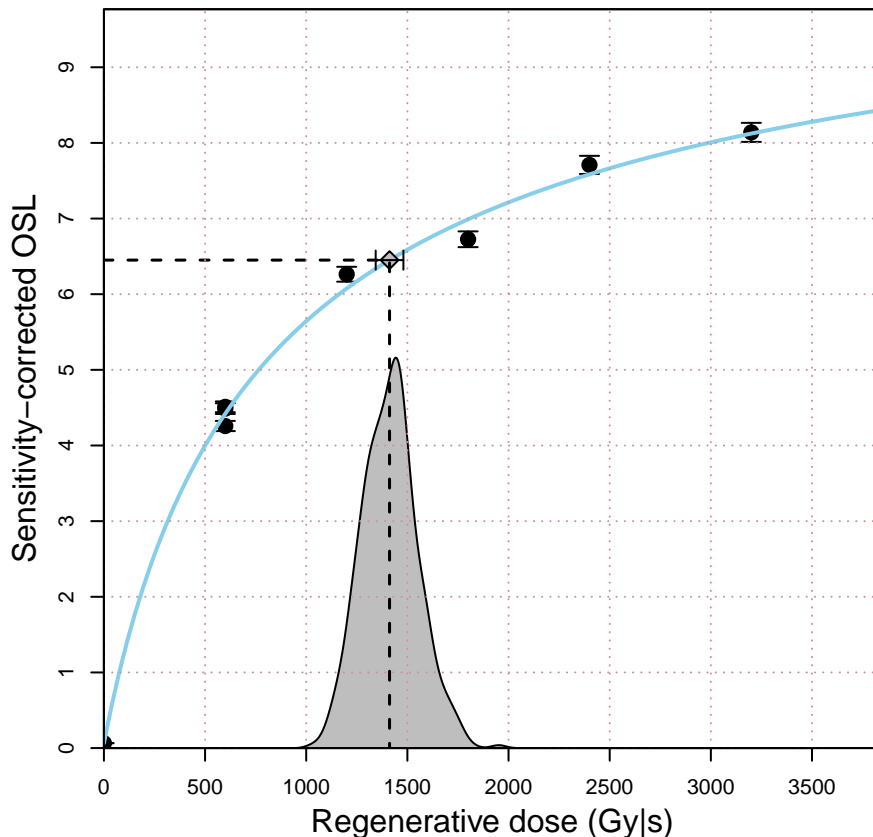
ED: 1328.18 +/- 117.77 (Gy/s)

RSE of ED: 8.87 (%)

95% interval: [1130.18, 1600.99]

68% interval: [1224.54, 1450.42]

Summary



ID: [NO=22, Position=1, Grain=22]
=====

Status: OK
=====

Tn: 7165 +/- 167.16
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 45.23 +/- 3.59
RSE of Tn: 2.33 (%)
Fast ratio of Tn: NA +/- NA
=====

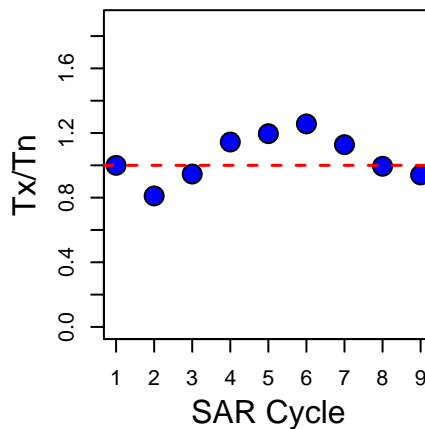
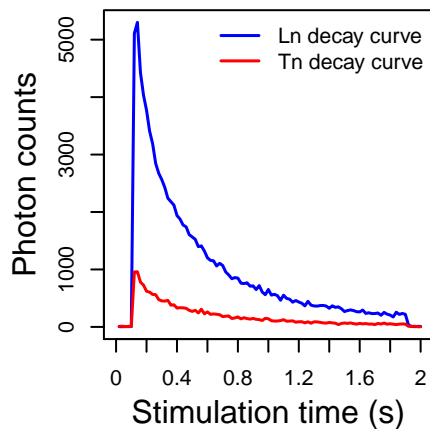
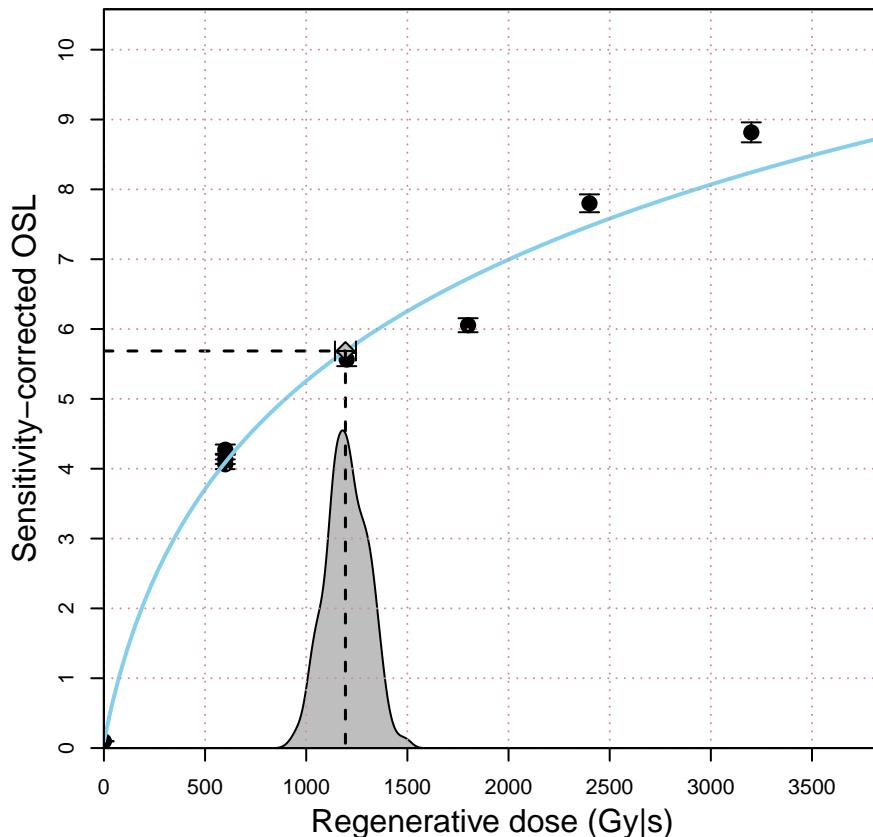
Recycling ratio 1: 0.94 +/- 0.04
Recycling ratio 2: 0.99 +/- 0.04
Recycling ratio 3: 1.05 +/- 0.05
=====

Recuperation 1: 1.01 +/- 0.07 (%)
Recuperation 2: 0.8 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 4.9
Average error in fit: 0.05
Reduced Chi-Square: 1.63
Figure Of Merit: 2.17 (%)
=====

calED method: Interpolation
MC acceptance-rate: 95.97 (%)
ED: 1411.82 +/- 137.08 (Gy/s)
RSE of ED: 9.71 (%)
95% interval: [1156.39, 1703.63]
68% interval: [1276.95, 1542.84]

Summary



ID: [NO=23, Position=1, Grain=23]

Status: OK

Tn: 3787.5 +/- 99.56

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 15.71 +/- 1.01

RSE of Tn: 2.63 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.98 +/- 0.05

Recycling ratio 2: 1.03 +/- 0.05

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 1.71 +/- 0.12 (%)

Recuperation 2: 1.11 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 18.87

Average error in fit: 0.12

Reduced Chi-Square: 6.29

Figure Of Merit: 4.84 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

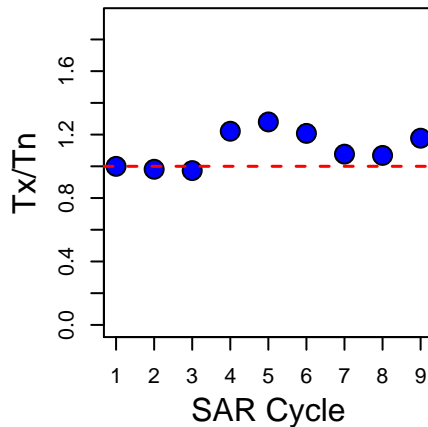
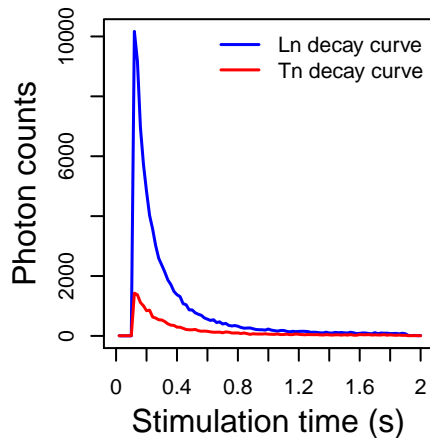
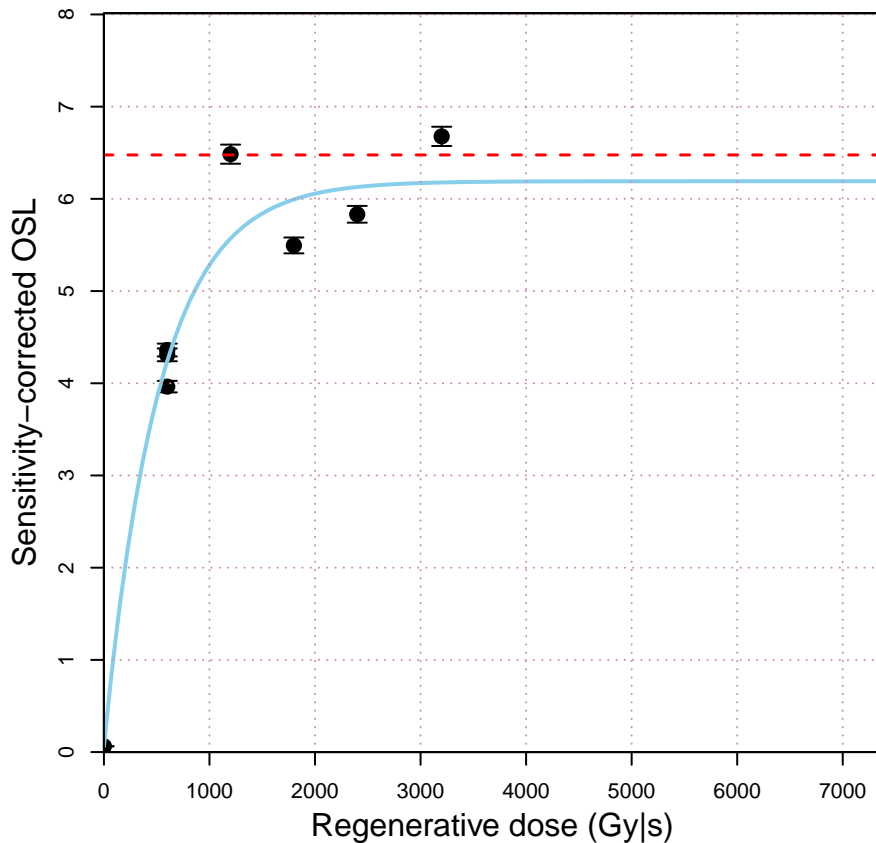
ED: 1193.85 +/- 103.72 (Gy/s)

RSE of ED: 8.69 (%)

95% interval: [1004.71, 1393.35]

68% interval: [1102.5, 1311.69]

Summary



ID: [NO=24, Position=1, Grain=24]

Status: Ln/Tn saturated

Tn: 5624.5 +/- 135.95

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 42.21 +/- 3.65

RSE of Tn: 2.42 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.01 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 0.91 +/- 0.04

Recuperation 1: 0.97 +/- 0.07 (%)

Recuperation 2: 0.94 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 42.2

Average error in fit: 0.15

Reduced Chi-Square: 14.07

Figure Of Merit: 7.29 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

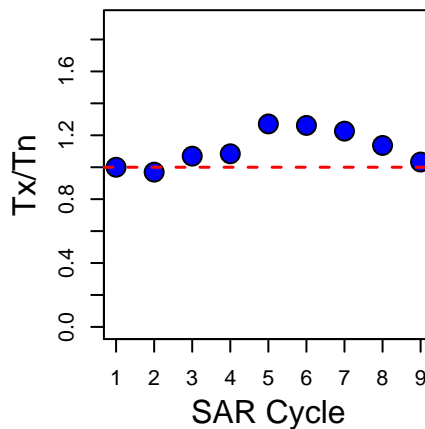
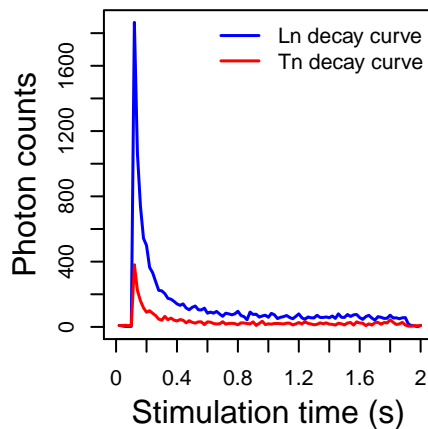
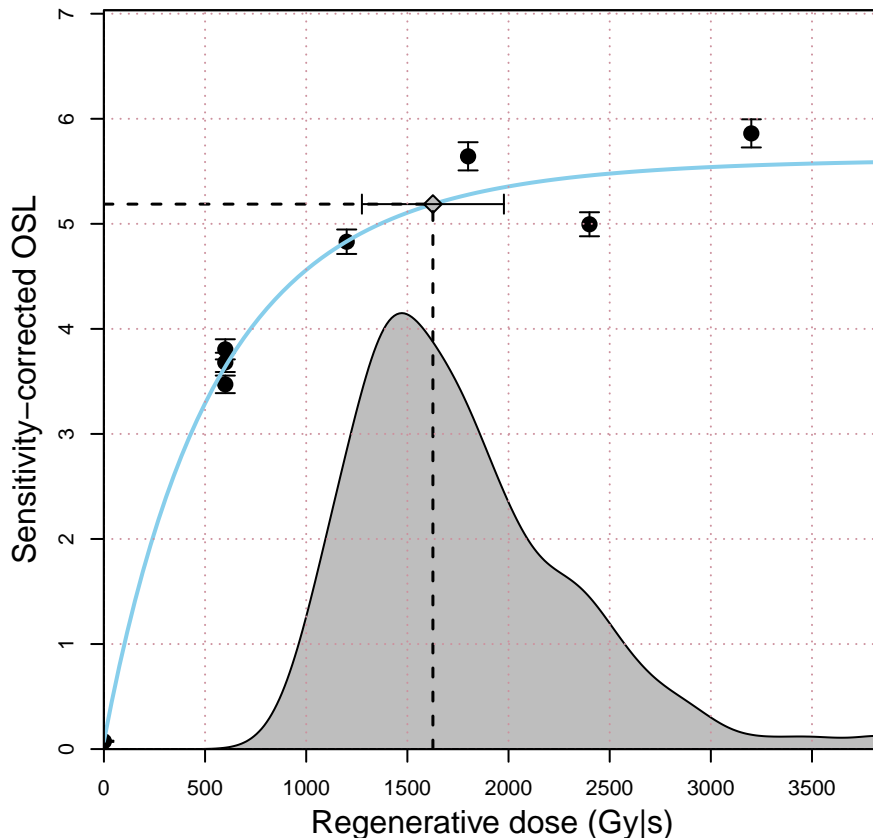
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=25, Position=1, Grain=25]

Status: OK

Tn: 853 +/- 36.37

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 8.17 +/- 0.79

RSE of Tn: 4.26 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.06

Recycling ratio 2: 0.97 +/- 0.07

Recycling ratio 3: 1.06 +/- 0.07

Recuperation 1: 1.43 +/- 0.24 (%)

Recuperation 2: 1.26 +/- 0.21 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 9.07

Average error in fit: 0.09

Reduced Chi-Square: 3.02

Figure Of Merit: 4.7 (%)

calED method: Interpolation

MC acceptance-rate: 93.81 (%)

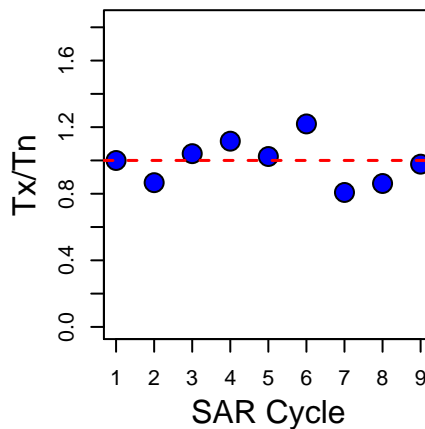
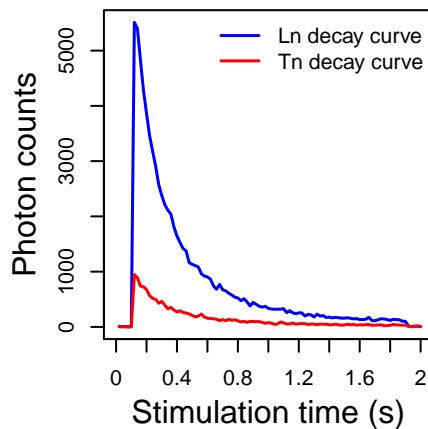
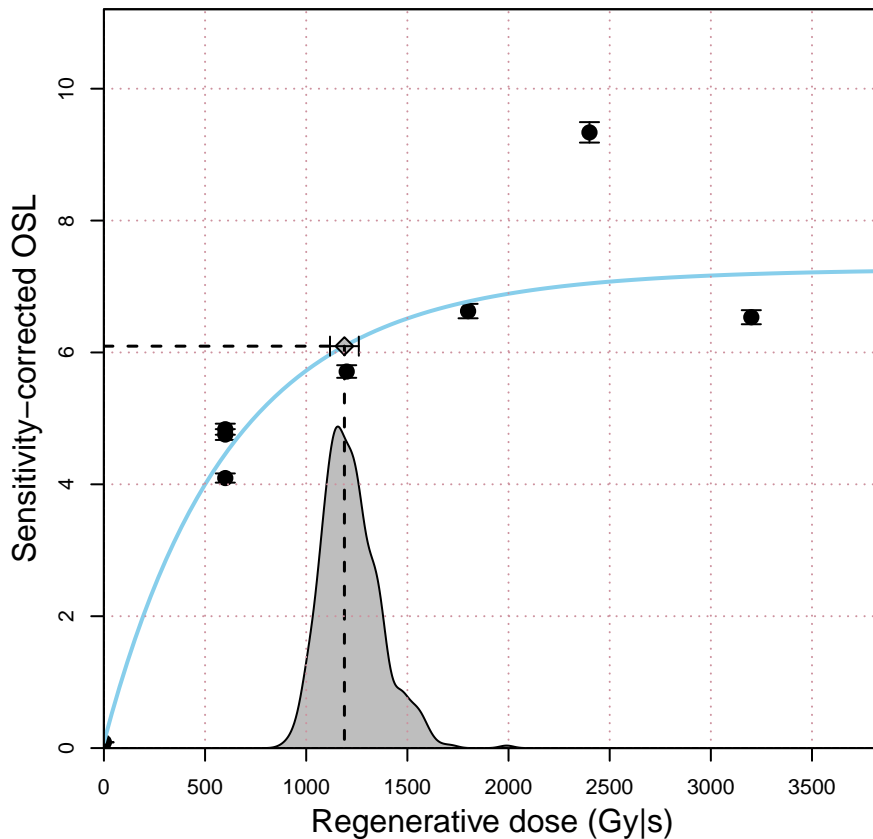
ED: 1626.22 +/- 701.93 (Gy/s)

RSE of ED: 43.16 (%)

95% interval: [1041.78, 3588.39]

68% interval: [1294.65, 2343.19]

Summary



ID: [NO=26, Position=1, Grain=26]

Status: OK

Tn: 3813.5 +/- 99.38

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.32 +/- 1.94

RSE of Tn: 2.61 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.02 +/- 0.05

Recycling ratio 2: 0.86 +/- 0.04

Recycling ratio 3: 0.85 +/- 0.04

Recuperation 1: 1.45 +/- 0.12 (%)

Recuperation 2: 0.94 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 84

Average error in fit: 0.31

Reduced Chi-Square: 28

Figure Of Merit: 11.15 (%)

calED method: Interpolation

MC acceptance-rate: 99.6 (%)

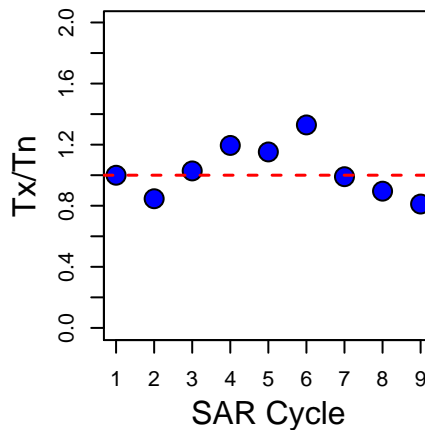
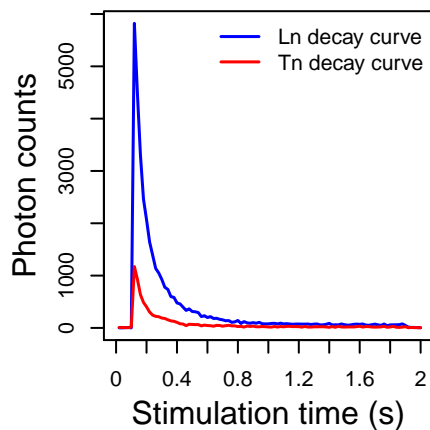
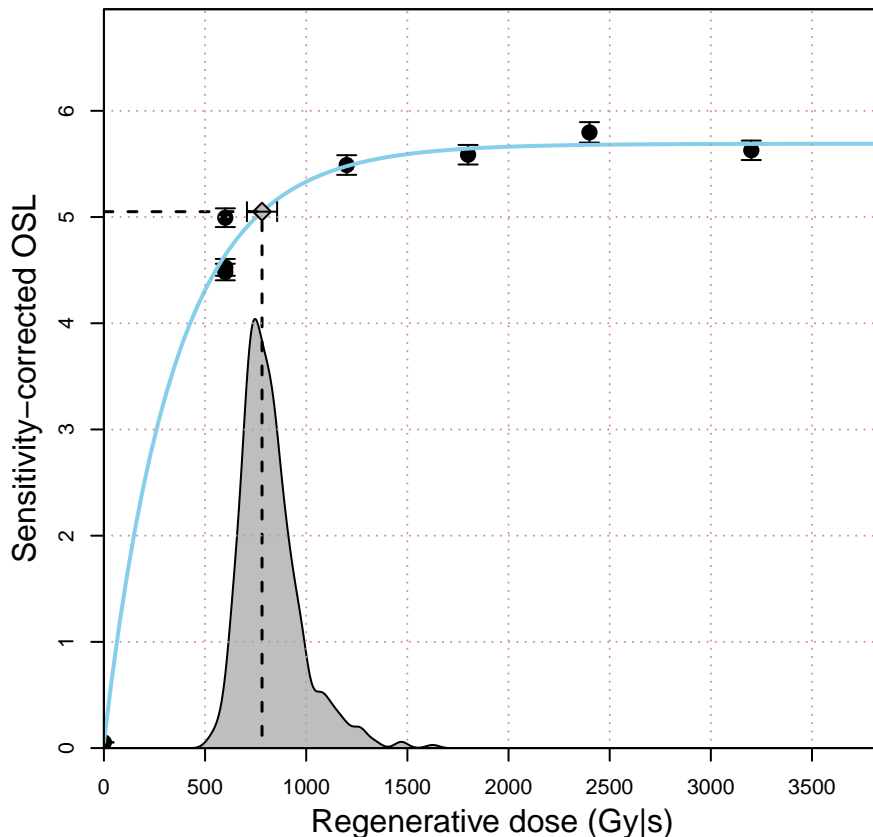
ED: 1188.77 +/- 142.59 (Gy/s)

RSE of ED: 11.99 (%)

95% interval: [996.98, 1550.88]

68% interval: [1089.03, 1353.53]

Summary



ID: [NO=29, Position=1, Grain=29]

Status: OK

Tn: 3532 \pm 93.08

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 38.57 \pm 4.03

RSE of Tn: 2.64 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.99 \pm 0.05

Recycling ratio 2: 1.1 \pm 0.05

Recycling ratio 3: 1.11 \pm 0.06

Recuperation 1: 1.06 \pm 0.1 (%)

Recuperation 2: 0.93 \pm 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.16

Average error in fit: 0.05

Reduced Chi-Square: 2.05

Figure Of Merit: 2.4 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

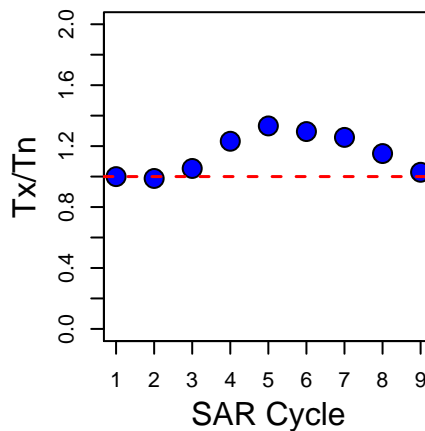
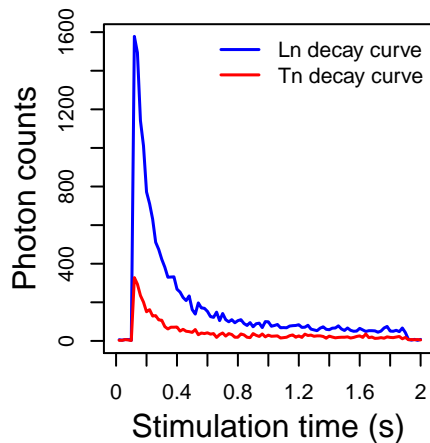
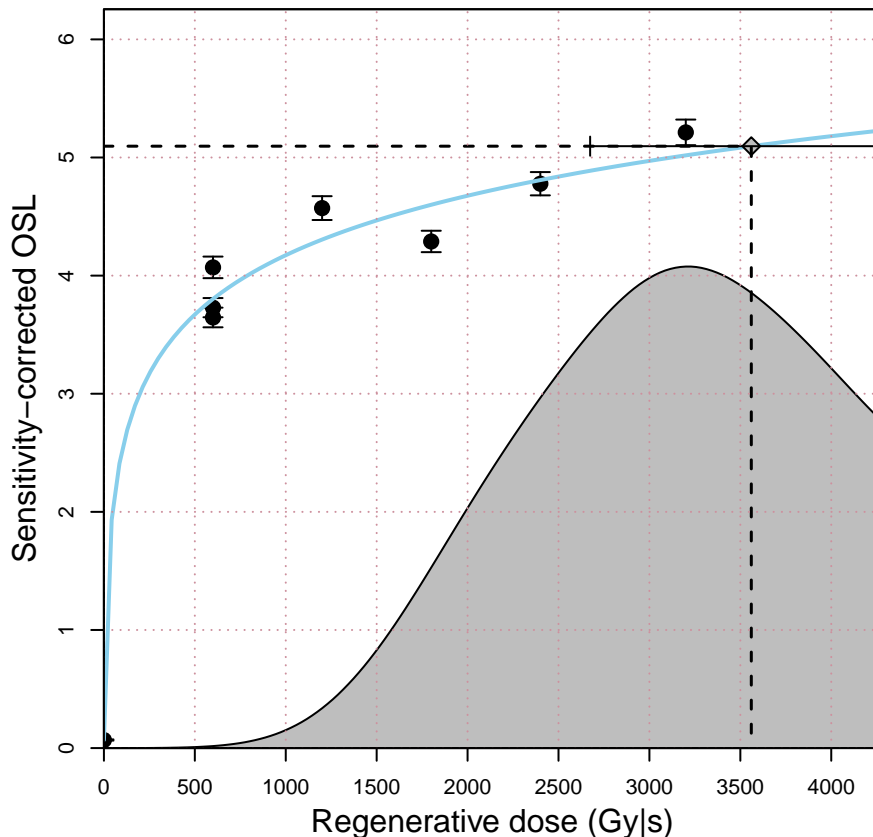
ED: 781.6 \pm 149.11 (Gy/s)

RSE of ED: 19.08 (%)

95% interval: [619.49, 1206.04]

68% interval: [700.81, 945.58]

Summary



ID: [NO=30, Position=1, Grain=30]

Status: OK

Tn: 1122.5 +/- 41.91

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 13.98 +/- 1.56

RSE of Tn: 3.73 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.02 +/- 0.06

Recycling ratio 2: 1.12 +/- 0.07

Recycling ratio 3: 1.09 +/- 0.07

Recuperation 1: 1.34 +/- 0.21 (%)

Recuperation 2: 1.31 +/- 0.2 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 8.75

Average error in fit: 0.07

Reduced Chi-Square: 2.92

Figure Of Merit: 4.3 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

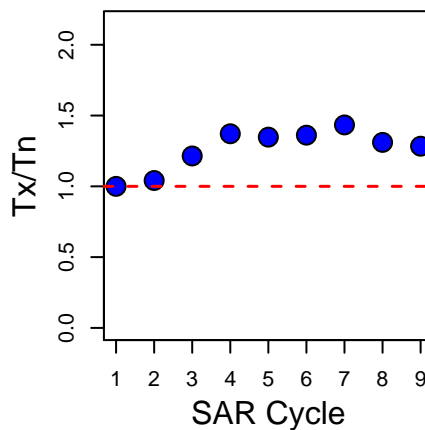
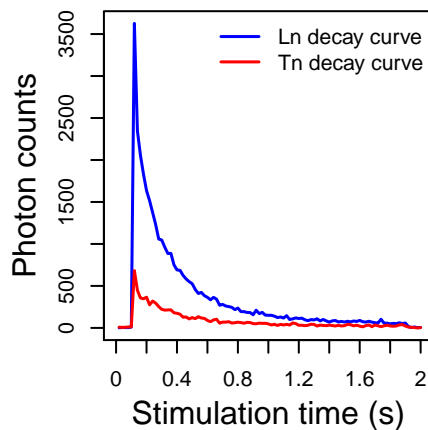
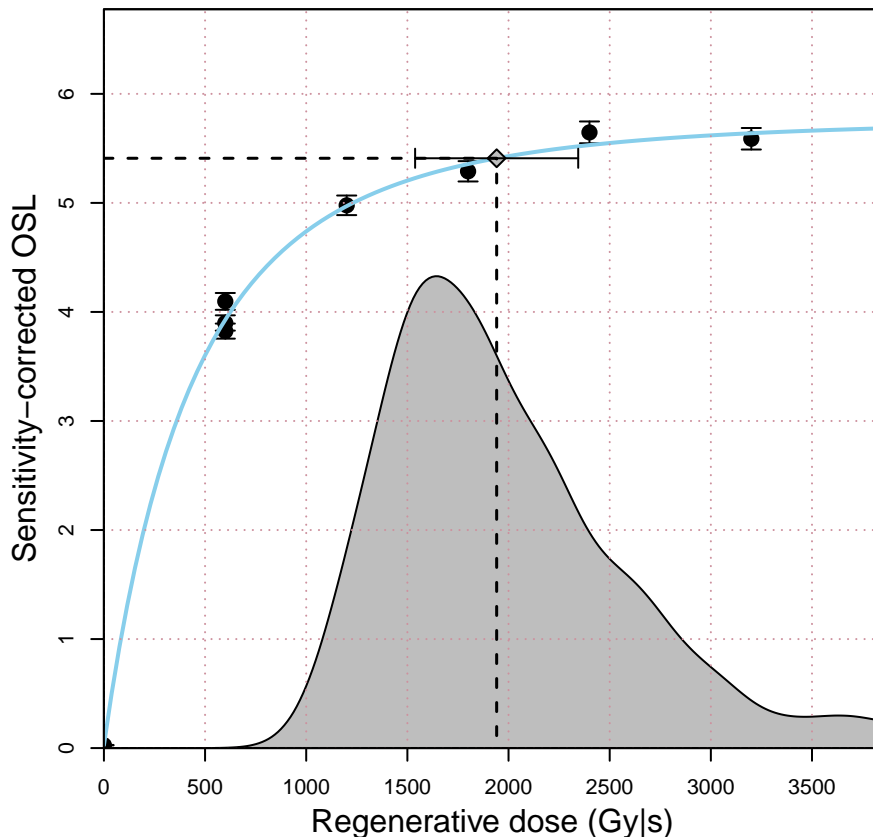
ED: 3560.35 +/- 1772.87 (Gy/s)

RSE of ED: 49.79 (%)

95% interval: [1776.29, 8573.15]

68% interval: [2505.75, 5408.04]

Summary



ID: [NO=31, Position=1, Grain=31]

Status: OK

Tn: 2070 \pm 63.08

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 16.92 \pm 1.53

RSE of Tn: 3.05 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.95 \pm 0.05

Recycling ratio 2: 0.93 \pm 0.05

Recycling ratio 3: 0.98 \pm 0.05

Recuperation 1: 0.5 \pm 0.08 (%)

Recuperation 2: 0.47 \pm 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2.34

Average error in fit: 0.03

Reduced Chi-Square: 0.78

Figure Of Merit: 1.63 (%)

calED method: Interpolation

MC acceptance-rate: 87.41 (%)

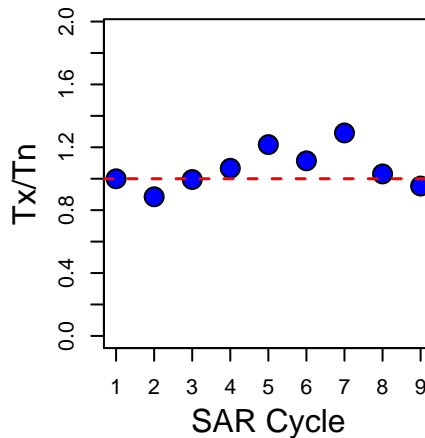
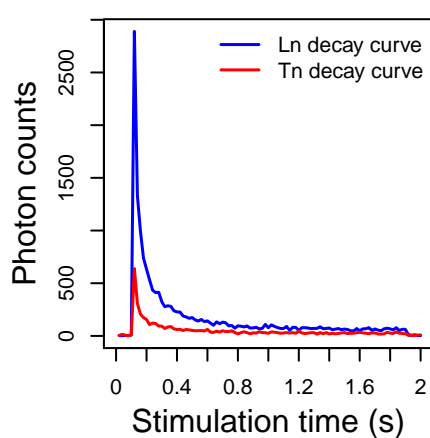
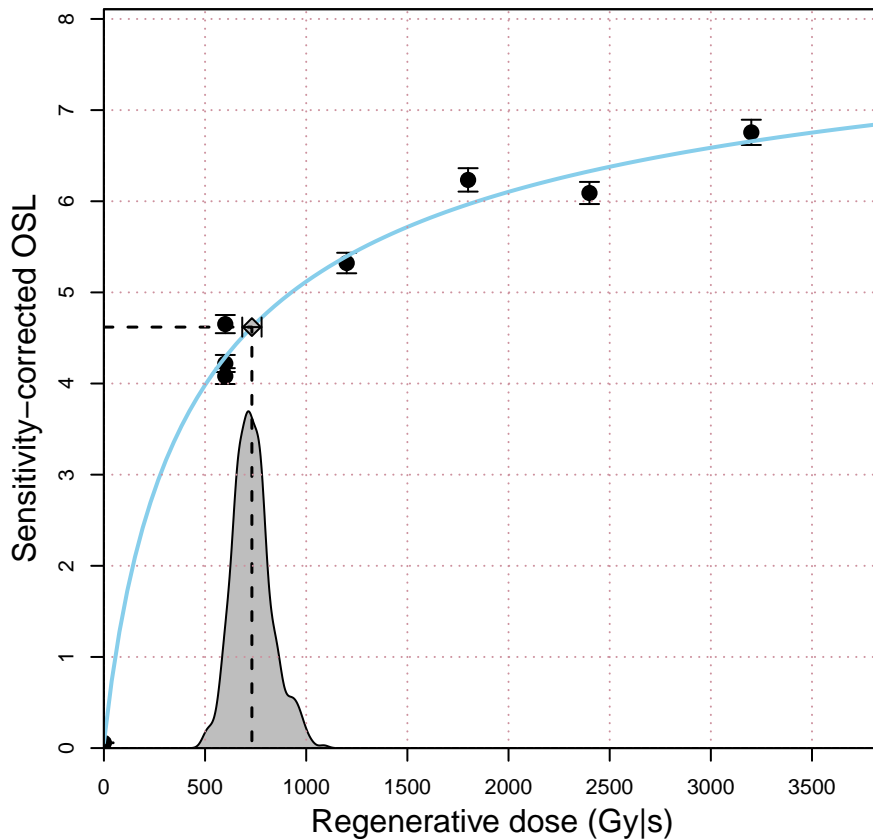
ED: 1941.33 \pm 806.12 (Gy/s)

RSE of ED: 41.52 (%)

95% interval: [1171.26, 3952.56]

68% interval: [1461.58, 2619.84]

Summary



ID: [NO=33, Position=1, Grain=33]

Status: OK

Tn: 1358 +/- 47.77

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 11.95 +/- 1.12

RSE of Tn: 3.52 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.06

Recycling ratio 2: 1.1 +/- 0.07

Recycling ratio 3: 1.14 +/- 0.07

Recuperation 1: 1.25 +/- 0.18 (%)

Recuperation 2: 0.86 +/- 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.16

Average error in fit: 0.07

Reduced Chi-Square: 2.39

Figure Of Merit: 3.54 (%)

calED method: Interpolation

MC acceptance-rate: 93.81 (%)

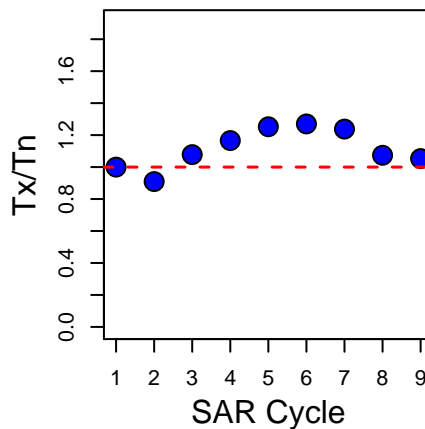
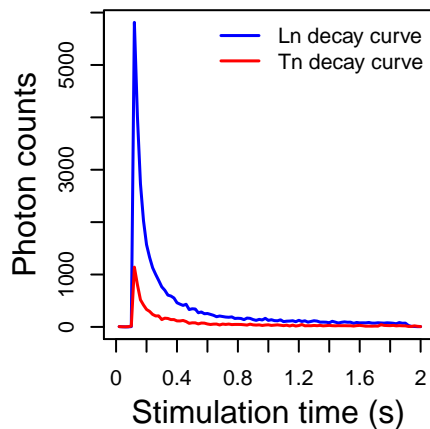
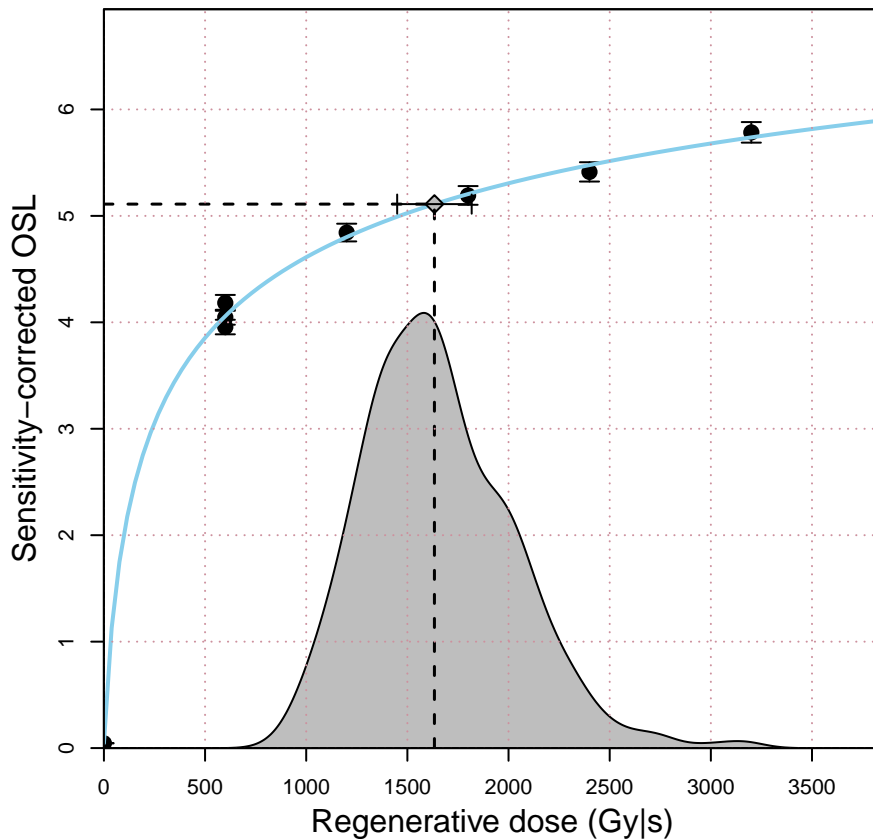
ED: 731.49 +/- 95.63 (Gy/s)

RSE of ED: 13.07 (%)

95% interval: [572.49, 954.61]

68% interval: [646.88, 820.23]

Summary



ID: [NO=34, Position=1, Grain=34]

Status: OK

Tn: 3091 \pm 84.26

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 25.73 \pm 2.35

RSE of Tn: 2.73 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.95 \pm 0.05

Recycling ratio 2: 0.97 \pm 0.05

Recycling ratio 3: 1.02 \pm 0.05

Recuperation 1: 0.89 \pm 0.09 (%)

Recuperation 2: 0.79 \pm 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1.52

Average error in fit: 0.02

Reduced Chi-Square: 0.51

Figure Of Merit: 1.21 (%)

calED method: Interpolation

MC acceptance-rate: 98.04 (%)

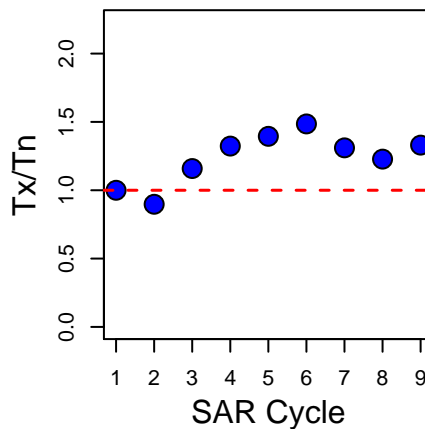
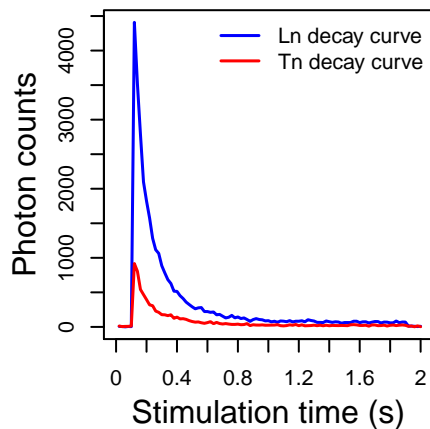
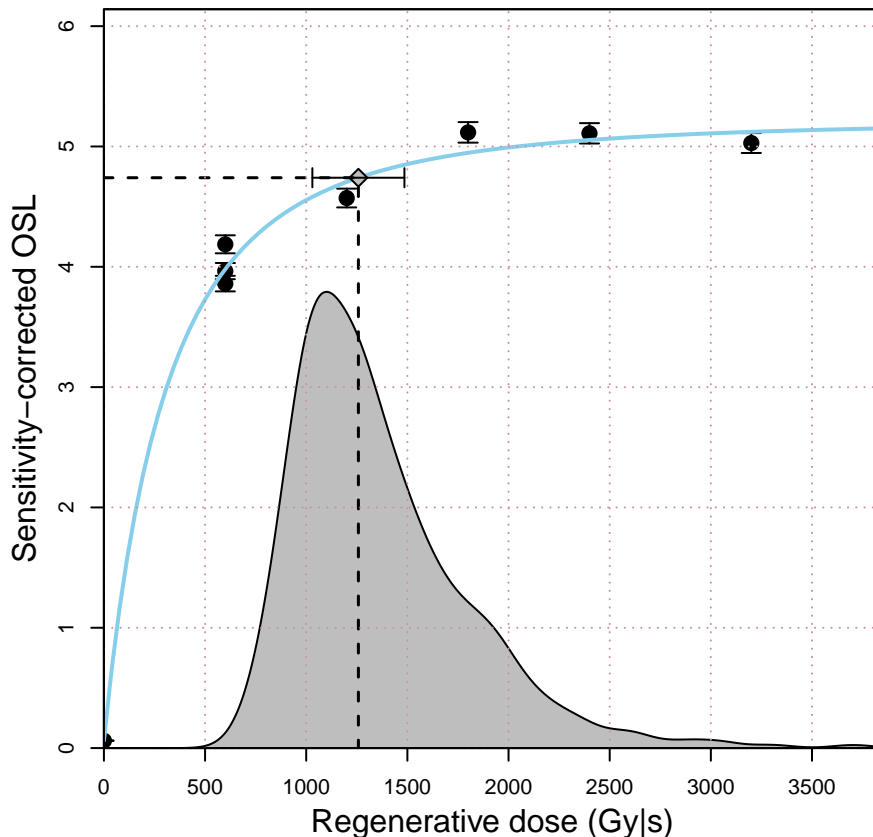
ED: 1633.73 \pm 368.25 (Gy/s)

RSE of ED: 22.54 (%)

95% interval: [1044.83, 2444.88]

68% interval: [1309.13, 2006.27]

Summary



ID: [NO=35, Position=1, Grain=35]

Status: OK

Tn: 3016.5 +/- 82.6

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.3 +/- 2.74

RSE of Tn: 2.74 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 0.97 +/- 0.05

Recuperation 1: 1.3 +/- 0.12 (%)

Recuperation 2: 1.2 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.93

Average error in fit: 0.04

Reduced Chi-Square: 1.64

Figure Of Merit: 2.5 (%)

calED method: Interpolation

MC acceptance-rate: 97.85 (%)

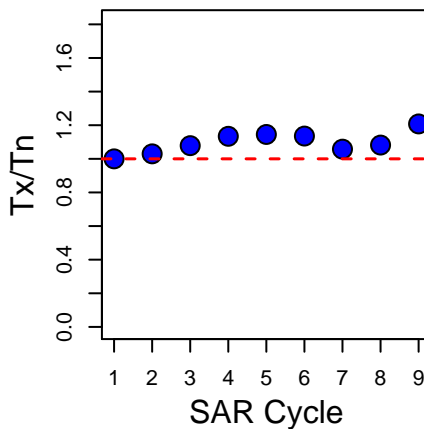
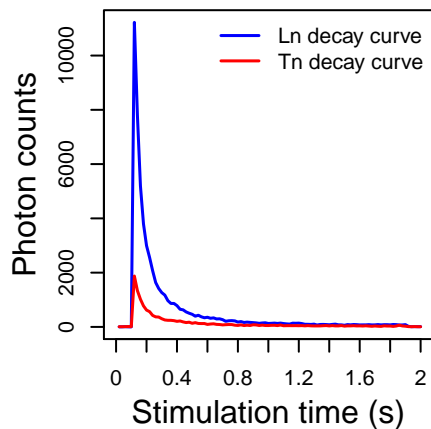
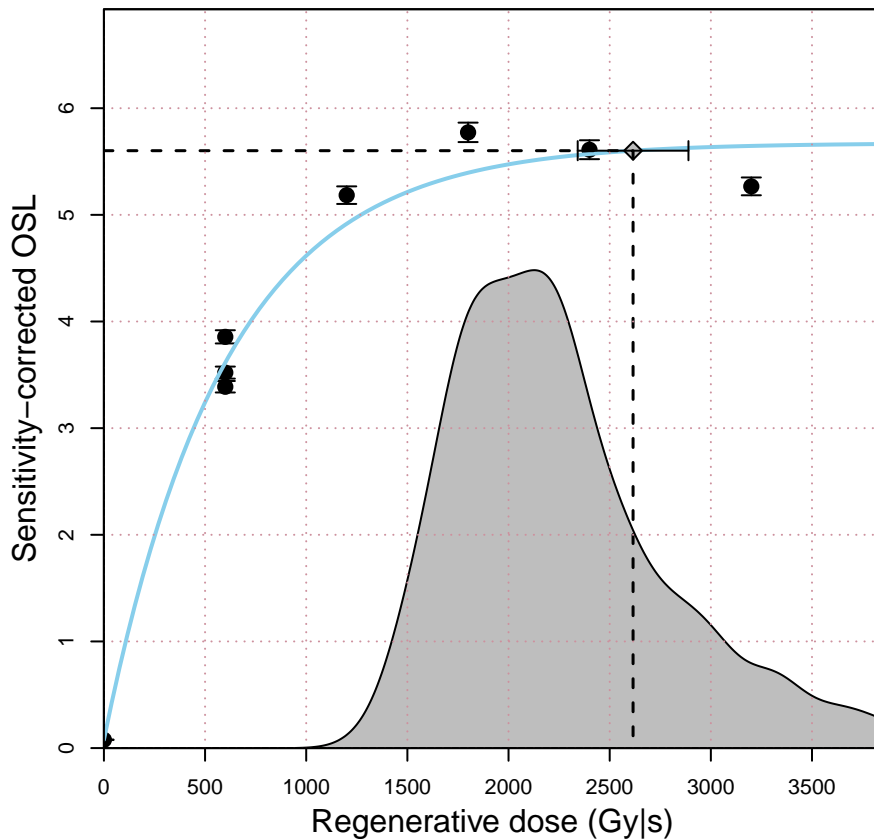
ED: 1257.89 +/- 455.11 (Gy/s)

RSE of ED: 36.18 (%)

95% interval: [810.56; 2473.44]

68% interval: [994.53; 1777.59]

Summary



ID: [NO=36, Position=1, Grain=36]

Status: OK

Tn: 5463 +/- 132.83

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 34.72 +/- 2.77

RSE of Tn: 2.43 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 0.96 +/- 0.04

Recuperation 1: 1.39 +/- 0.1 (%)

Recuperation 2: 1.35 +/- 0.1 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 21.13

Average error in fit: 0.09

Reduced Chi-Square: 7.04

Figure Of Merit: 5.02 (%)

calED method: Interpolation

MC acceptance-rate: 69.64 (%)

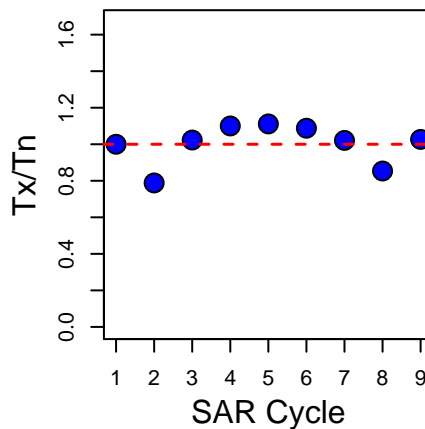
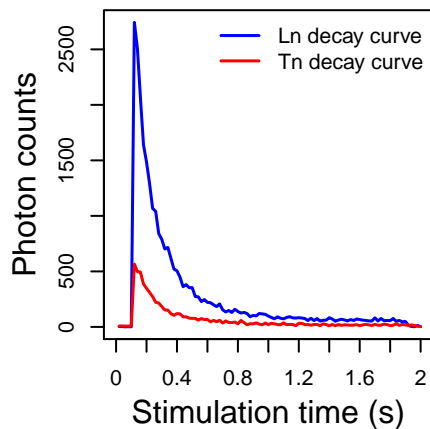
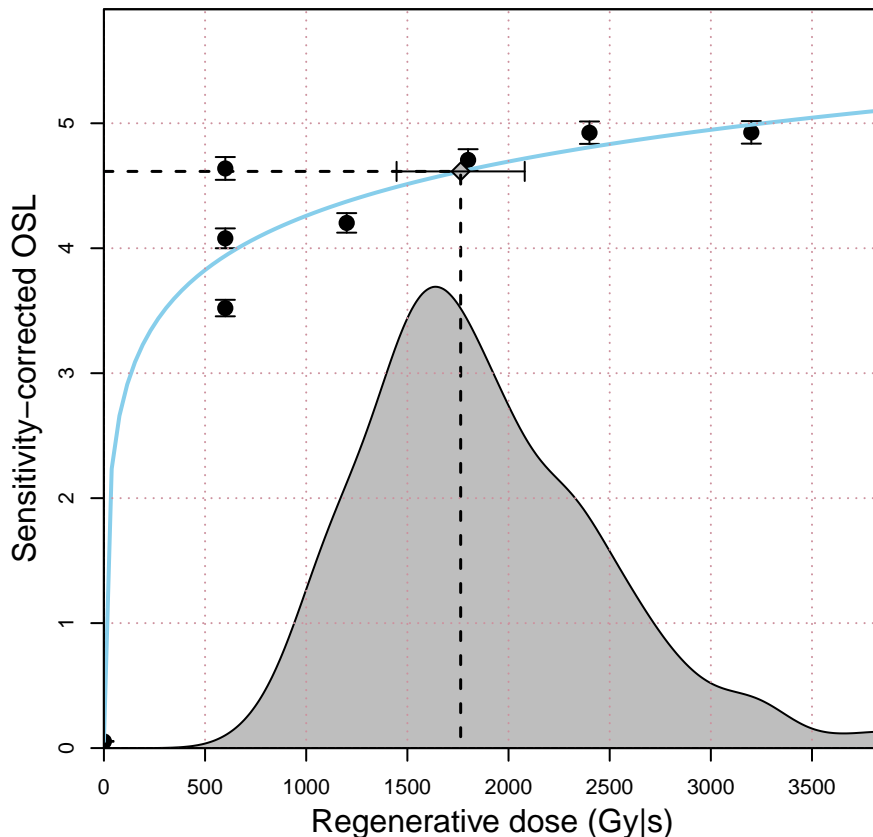
ED: 2615.56 +/- 547.42 (Gy/s)

RSE of ED: 20.93 (%)

95% interval: [1503.04, 3661.64]

68% interval: [1754.72, 2806.39]

Summary



ID: [NO=37, Position=1, Grain=37]

Status: OK

Tn: 2199 \pm 65.37

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.65 \pm 2.61

RSE of Tn: 2.97 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.88 \pm 0.05

Recycling ratio 2: 0.76 \pm 0.04

Recycling ratio 3: 0.86 \pm 0.05

Recuperation 1: 1.16 \pm 0.14 (%)

Recuperation 2: 1.09 \pm 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 27.41

Average error in fit: 0.11

Reduced Chi-Square: 9.14

Figure Of Merit: 5.49 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

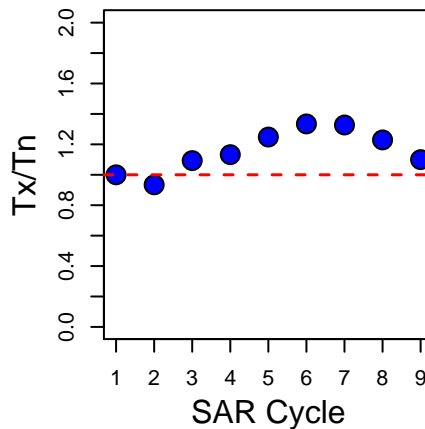
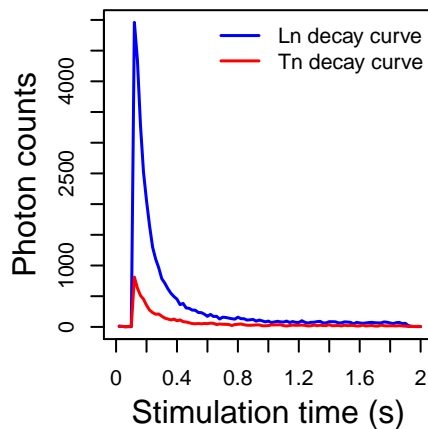
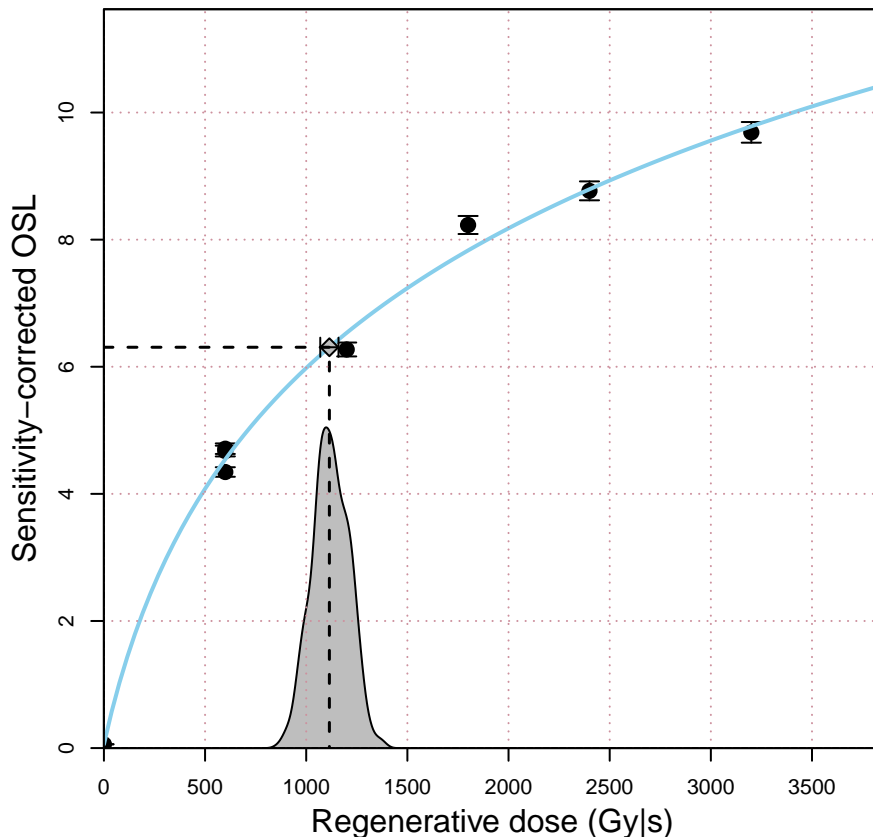
ED: 1763.33 \pm 633.41 (Gy/s)

RSE of ED: 35.92 (%)

95% interval: [968.35, 3300.59]

68% interval: [1312.66, 2476.3]

Summary



ID: [NO=38, Position=1, Grain=38]
=====

Status: OK
=====

Tn: 2671 +/- 75.22
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 31.01 +/- 3.34
RSE of Tn: 2.82 (%)
Fast ratio of Tn: NA +/- NA
=====

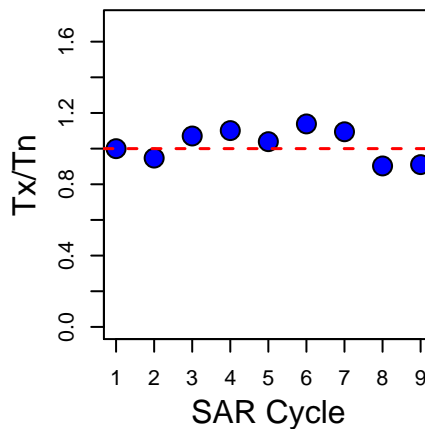
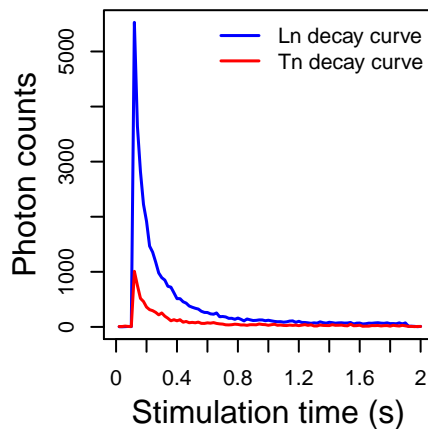
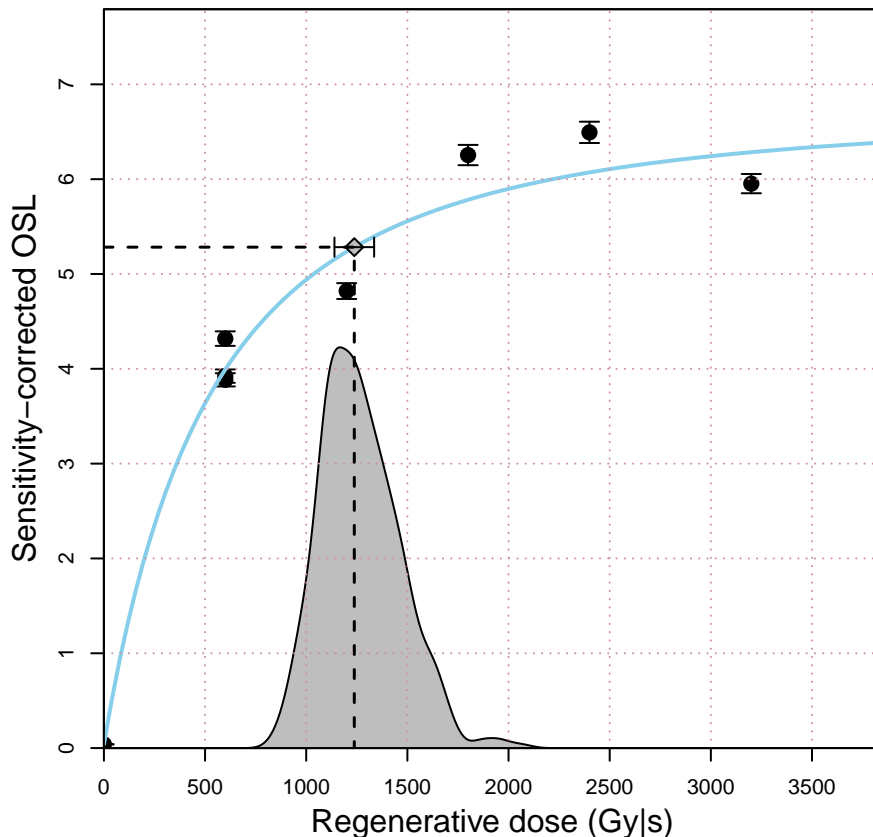
Recycling ratio 1: 0.93 +/- 0.05
Recycling ratio 2: 1.01 +/- 0.05
Recycling ratio 3: 1.08 +/- 0.05
=====

Recuperation 1: 0.95 +/- 0.09 (%)
Recuperation 2: 0.62 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 6.9
Average error in fit: 0.07
Reduced Chi-Square: 2.3
Figure Of Merit: 2.74 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1114.47 +/- 90.17 (Gy/s)
RSE of ED: 8.09 (%)
95% interval: [949.08, 1281.73]
68% interval: [1030.2, 1218.9]

Summary



ID: [NO=39, Position=1, Grain=39]

Status: OK

Tn: 2991 +/- 82.05

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.44 +/- 2.77

RSE of Tn: 2.74 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.05

Recycling ratio 2: 0.9 +/- 0.05

Recycling ratio 3: 0.99 +/- 0.05

Recuperation 1: 0.76 +/- 0.09 (%)

Recuperation 2: 0.62 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 22.66

Average error in fit: 0.11

Reduced Chi-Square: 7.55

Figure Of Merit: 6.07 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

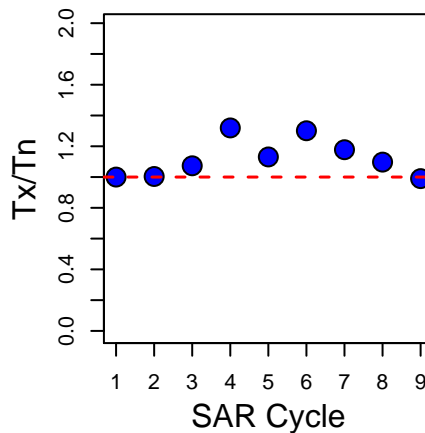
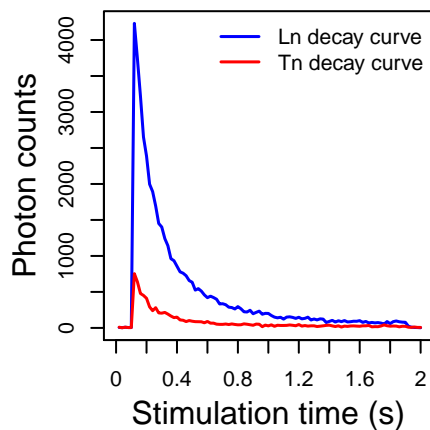
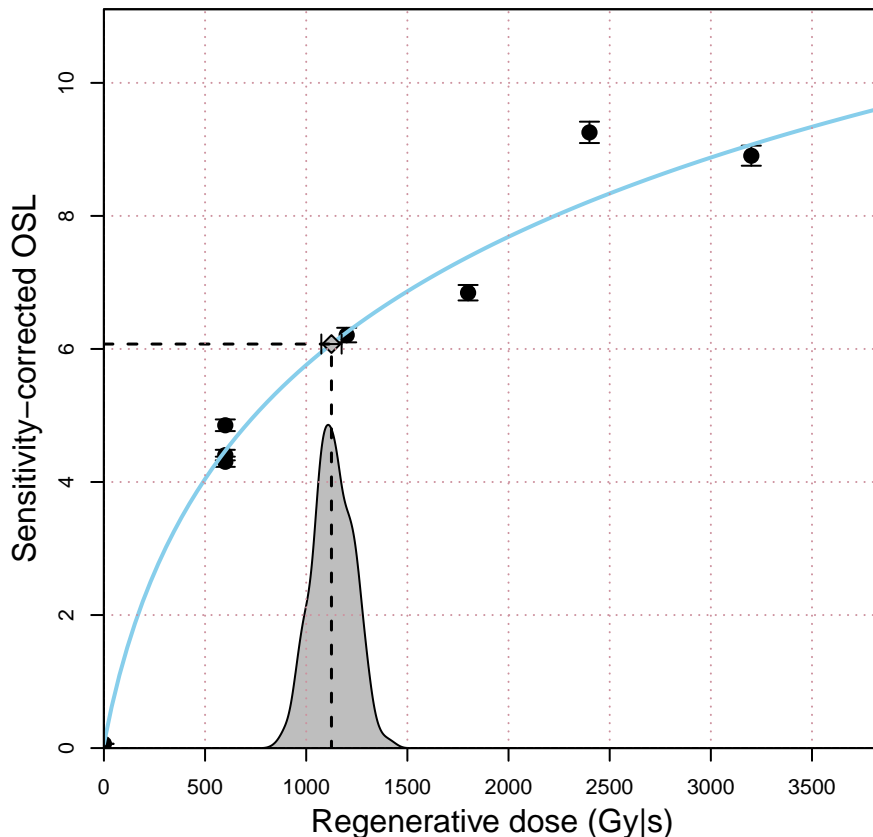
ED: 1237.58 +/- 196.18 (Gy/s)

RSE of ED: 15.85 (%)

95% interval: [952.23, 1669.51]

68% interval: [1085.88, 1462.86]

Summary



ID: [NO=40, Position=1, Grain=40]

Status: OK

Tn: 2609 +/- 74.29

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.87 +/- 2

RSE of Tn: 2.85 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.98 +/- 0.05

Recycling ratio 2: 1.1 +/- 0.06

Recycling ratio 3: 1.13 +/- 0.06

Recuperation 1: 1.06 +/- 0.11 (%)

Recuperation 2: 0.69 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 22.27

Average error in fit: 0.16

Reduced Chi-Square: 7.42

Figure Of Merit: 5.4 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

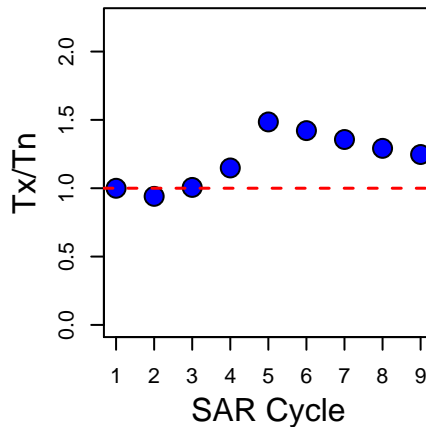
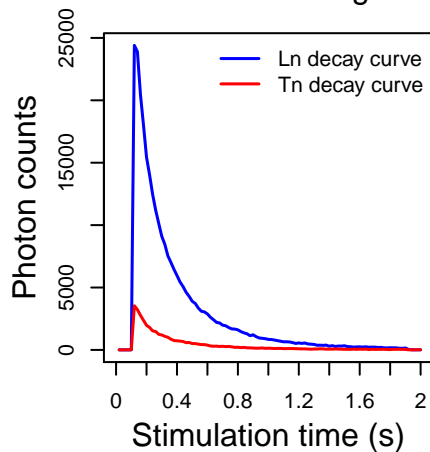
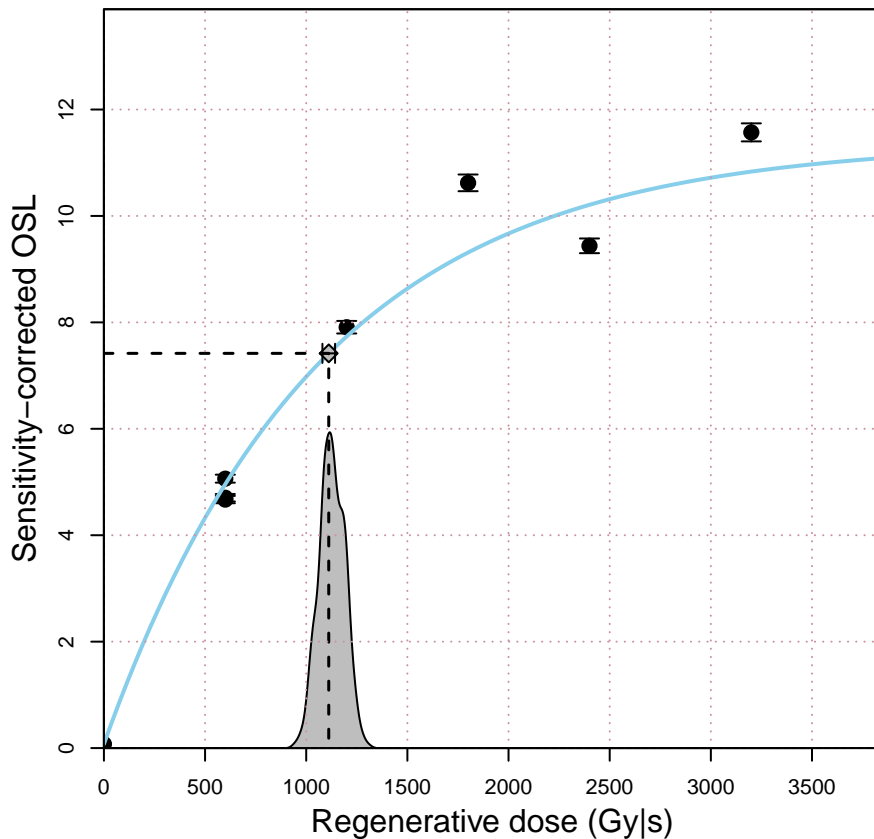
ED: 1124.82 +/- 100.24 (Gy/s)

RSE of ED: 8.91 (%)

95% interval: [942.89, 1312.43]

68% interval: [1032.54, 1240.32]

Summary



ID: [NO=41, Position=1, Grain=41]

Status: OK

Tn: 13667.5 \pm 297.83

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 65.93 \pm 4.58

RSE of Tn: 2.18 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.99 \pm 0.04

Recycling ratio 2: 1.08 \pm 0.05

Recycling ratio 3: 1.08 \pm 0.05

Recuperation 1: 1.04 \pm 0.05 (%)

Recuperation 2: 0.66 \pm 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 38.69

Average error in fit: 0.22

Reduced Chi-Square: 12.9

Figure Of Merit: 6.86 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

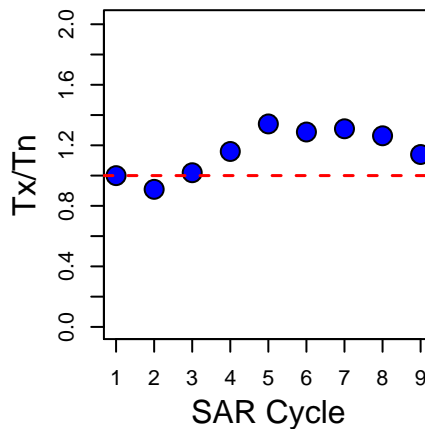
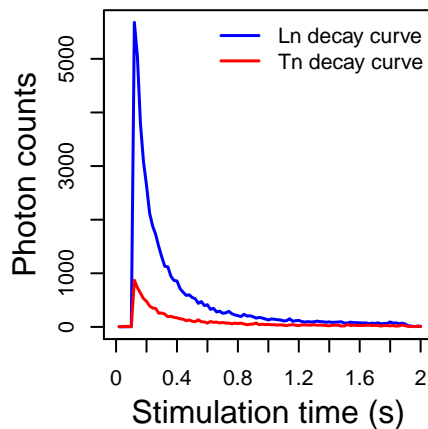
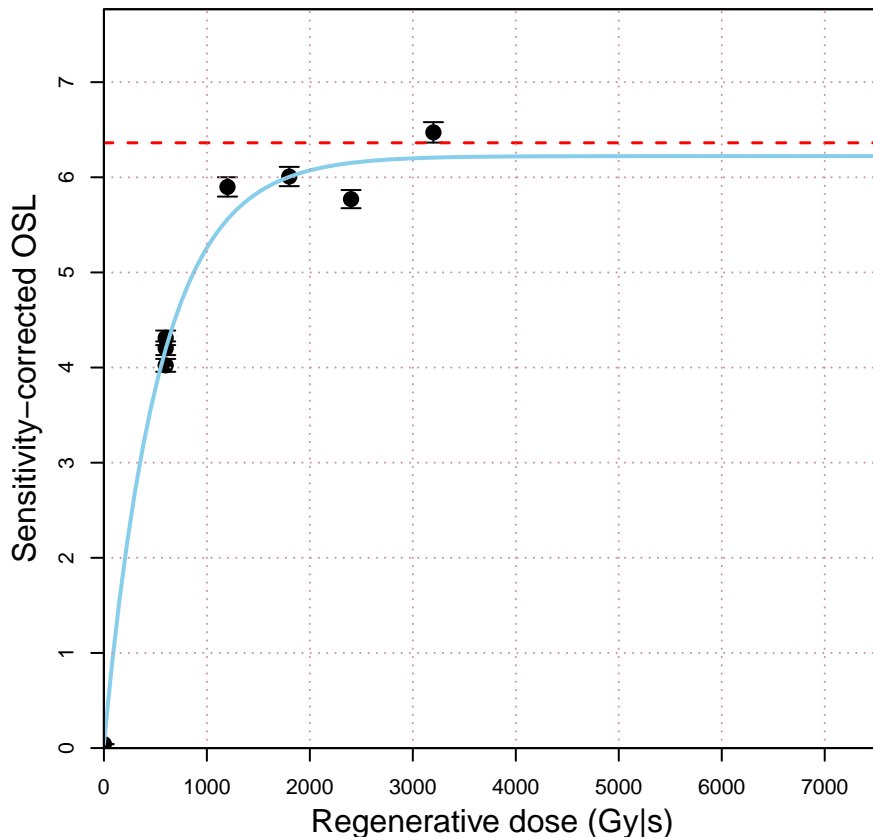
ED: 1111.36 \pm 62.45 (Gy/s)

RSE of ED: 5.62 (%)

95% interval: [1007.39, 1244.73]

68% interval: [1063.21, 1193.02]

Summary



ID: [NO=42, Position=1, Grain=42]

Status: Ln/Tn saturated

Tn: 3126.5 +/- 84.88

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.79 +/- 2.76

RSE of Tn: 2.71 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 0.97 +/- 0.05

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 0.66 +/- 0.07 (%)

Recuperation 2: 0.65 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.54

Average error in fit: 0.08

Reduced Chi-Square: 3.51

Figure Of Merit: 3.52 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

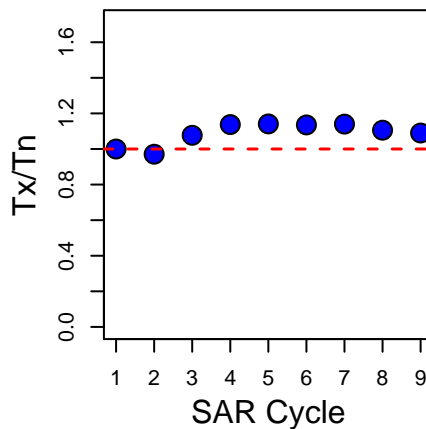
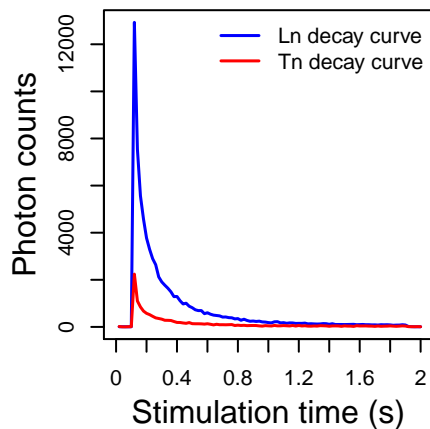
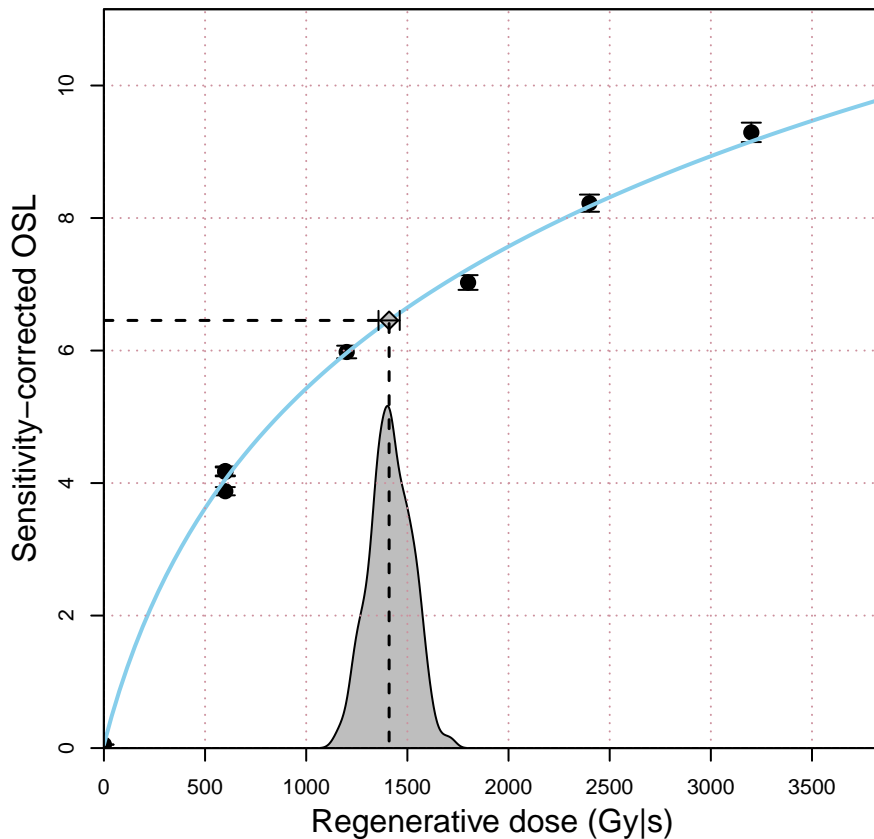
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=43, Position=1, Grain=43]
=====

Status: OK
=====

Tn: 5263 +/- 128.85
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 31.42 +/- 2.43
RSE of Tn: 2.45 (%)
Fast ratio of Tn: NA +/- NA
=====

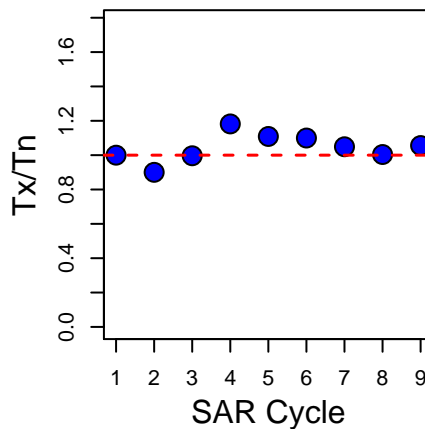
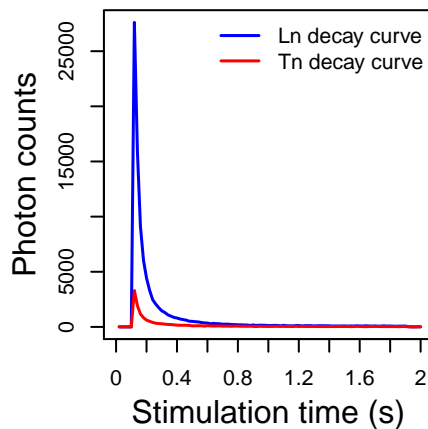
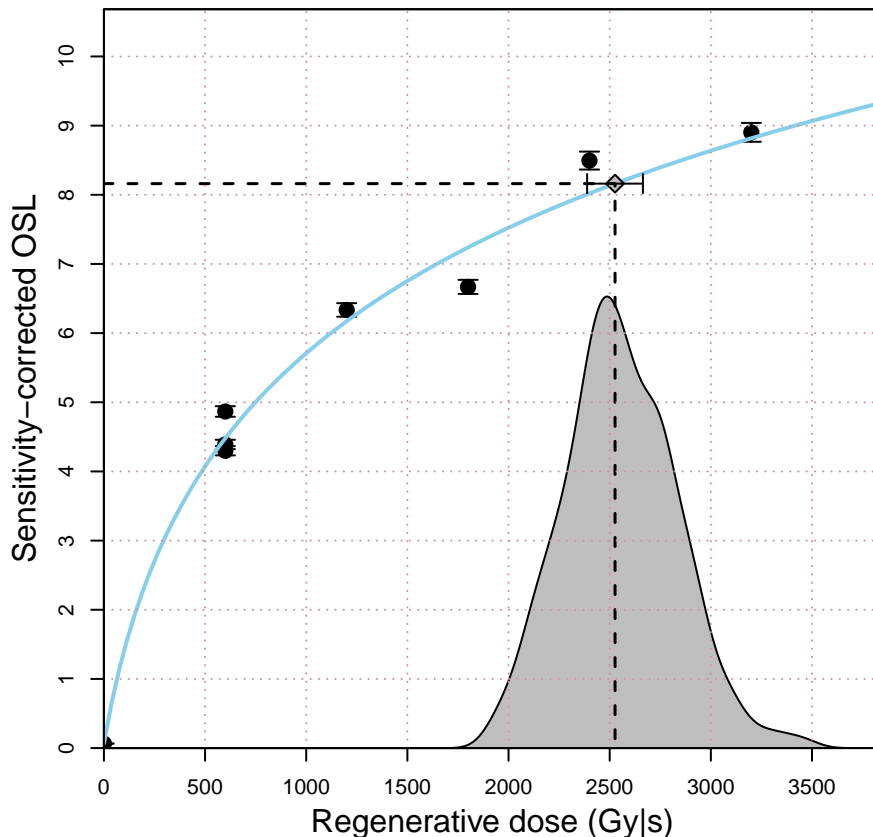
Recycling ratio 1: 1 +/- 0.05
Recycling ratio 2: 0.93 +/- 0.04
Recycling ratio 3: 0.93 +/- 0.04
=====

Recuperation 1: 0.82 +/- 0.06 (%)
Recuperation 2: 0.57 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 4.73
Average error in fit: 0.04
Reduced Chi-Square: 1.58
Figure Of Merit: 1.92 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1409.7 +/- 104.9 (Gy/s)
RSE of ED: 7.44 (%)
95% interval: [1219.69, 1611.75]
68% interval: [1312.44, 1527.69]

Summary



ID: [NO=44, Position=1, Grain=44]

Status: OK

Tn: 7682 \pm 177.53

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 51.54 \pm 4.22

RSE of Tn: 2.31 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.88 \pm 0.04

Recycling ratio 2: 0.9 \pm 0.04

Recycling ratio 3: 1.02 \pm 0.04

Recuperation 1: 0.8 \pm 0.05 (%)

Recuperation 2: 0.73 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 20.72

Average error in fit: 0.11

Reduced Chi-Square: 6.91

Figure Of Merit: 4.46 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

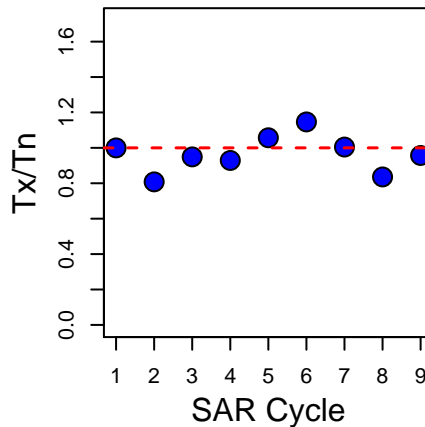
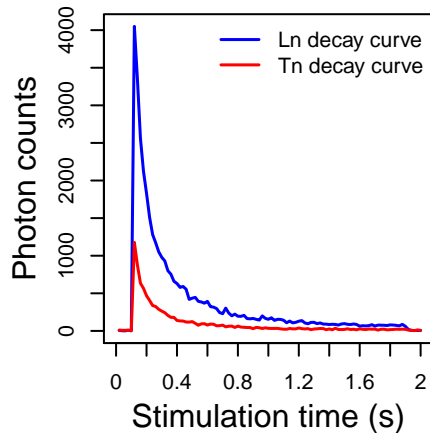
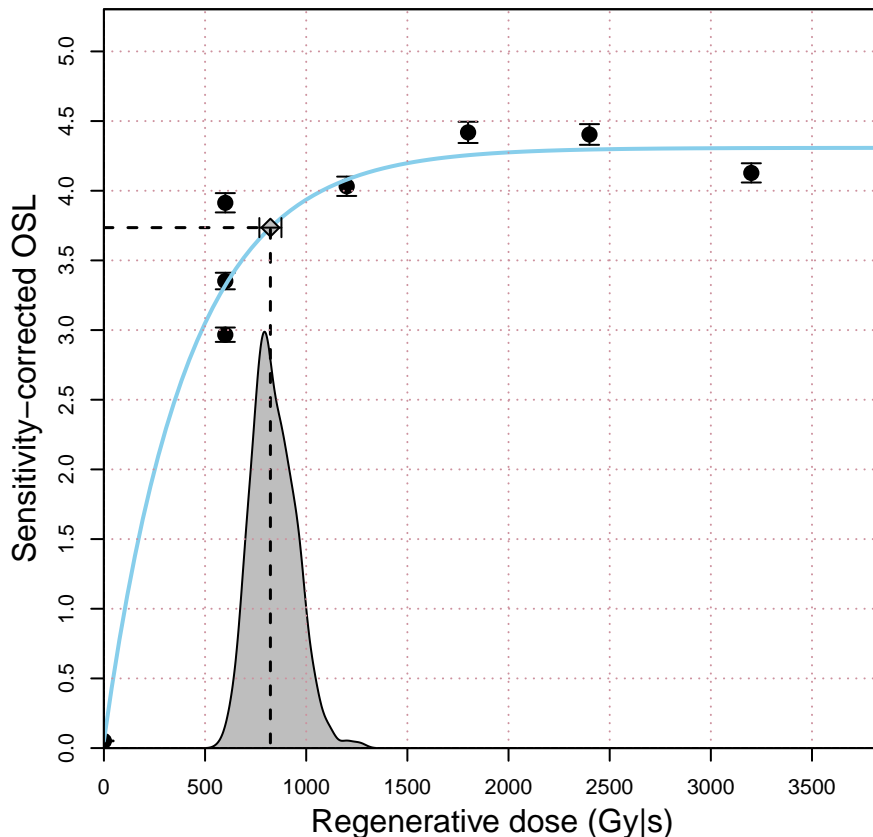
ED: 2526.4 \pm 275.85 (Gy/s)

RSE of ED: 10.92 (%)

95% interval: [2037.78, 3103.72]

68% interval: [2284, 2834.24]

Summary



ID: [NO=45, Position=1, Grain=45]

Status: OK

Tn: 3624 +/- 94.99

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 38.36 +/- 3.95

RSE of Tn: 2.62 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.86 +/- 0.04

Recycling ratio 2: 0.76 +/- 0.04

Recycling ratio 3: 0.89 +/- 0.04

Recuperation 1: 1.37 +/- 0.14 (%)

Recuperation 2: 1.16 +/- 0.12 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 33.65

Average error in fit: 0.09

Reduced Chi-Square: 11.22

Figure Of Merit: 5.47 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

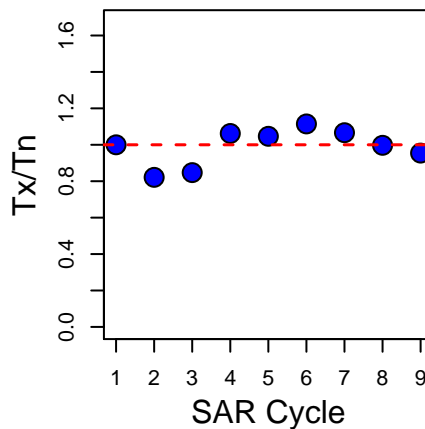
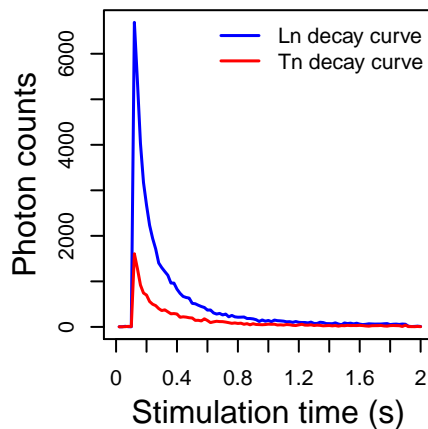
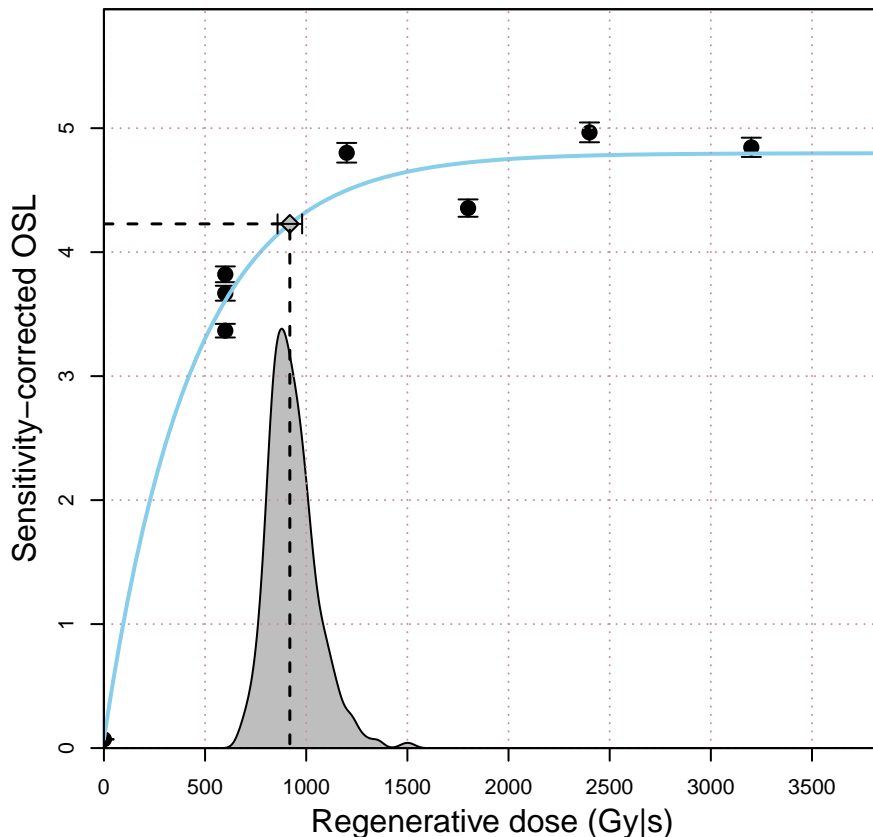
ED: 822.93 +/- 109.11 (Gy|s)

RSE of ED: 13.26 (%)

95% interval: [661.03, 1063.91]

68% interval: [734.54, 954.2]

Summary



ID: [NO=47, Position=1, Grain=47]

Status: OK

Tn: 5122.5 +/- 125.75

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 40.56 +/- 3.61

RSE of Tn: 2.45 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.88 +/- 0.04

Recycling ratio 2: 0.96 +/- 0.04

Recycling ratio 3: 1.09 +/- 0.05

Recuperation 1: 1.67 +/- 0.13 (%)

Recuperation 2: 1.42 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 19.89

Average error in fit: 0.08

Reduced Chi-Square: 6.63

Figure Of Merit: 4.78 (%)

calED method: Interpolation

MC acceptance-rate: 99.6 (%)

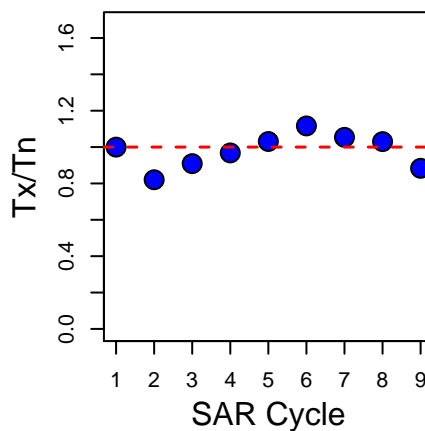
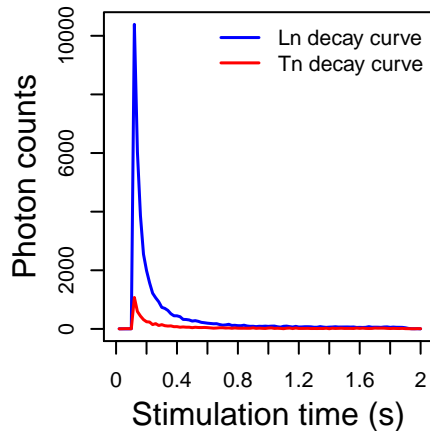
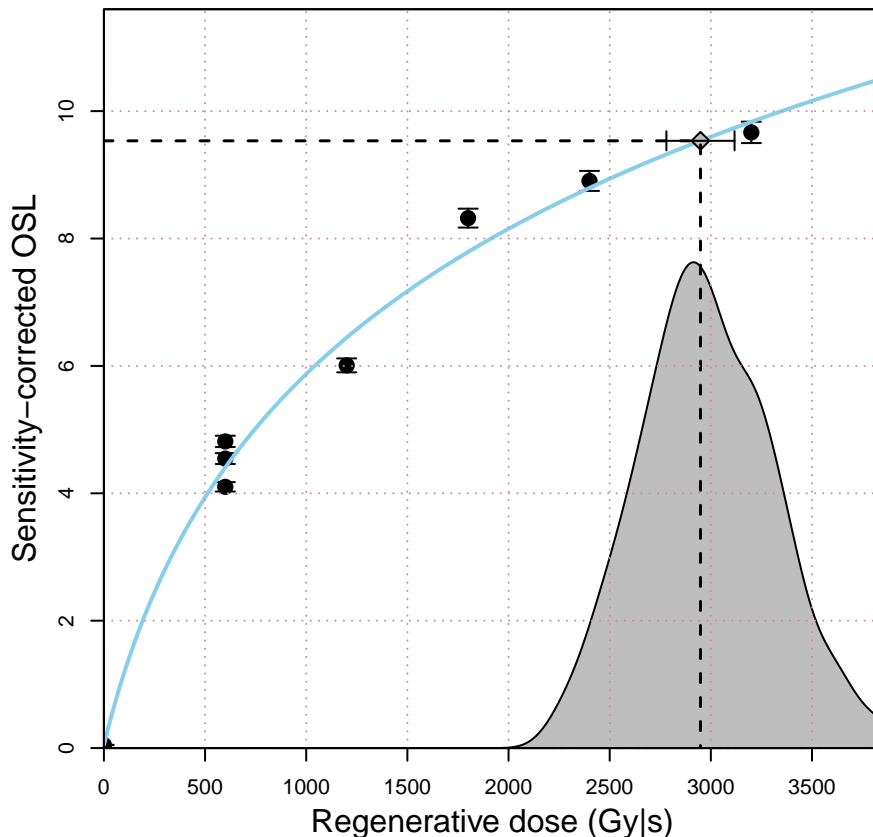
ED: 919.05 +/- 121.48 (Gy/s)

RSE of ED: 13.22 (%)

95% interval: [735.67, 1222.12]

68% interval: [825.94, 1039.27]

Summary



ID: [NO=48, Position=1, Grain=48]
=====

Status: OK
=====

Tn: 2575 +/- 73.23
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 29.61 +/- 3.17
RSE of Tn: 2.84 (%)
Fast ratio of Tn: NA +/- NA
=====

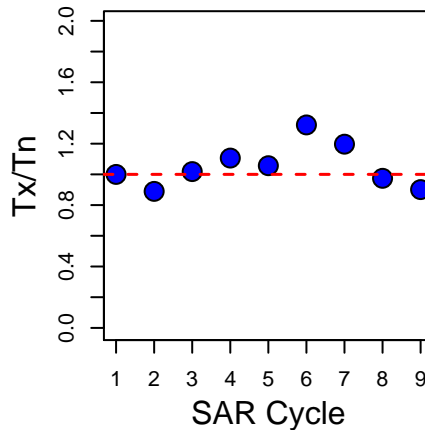
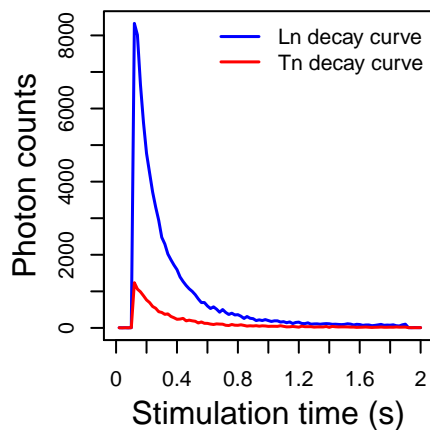
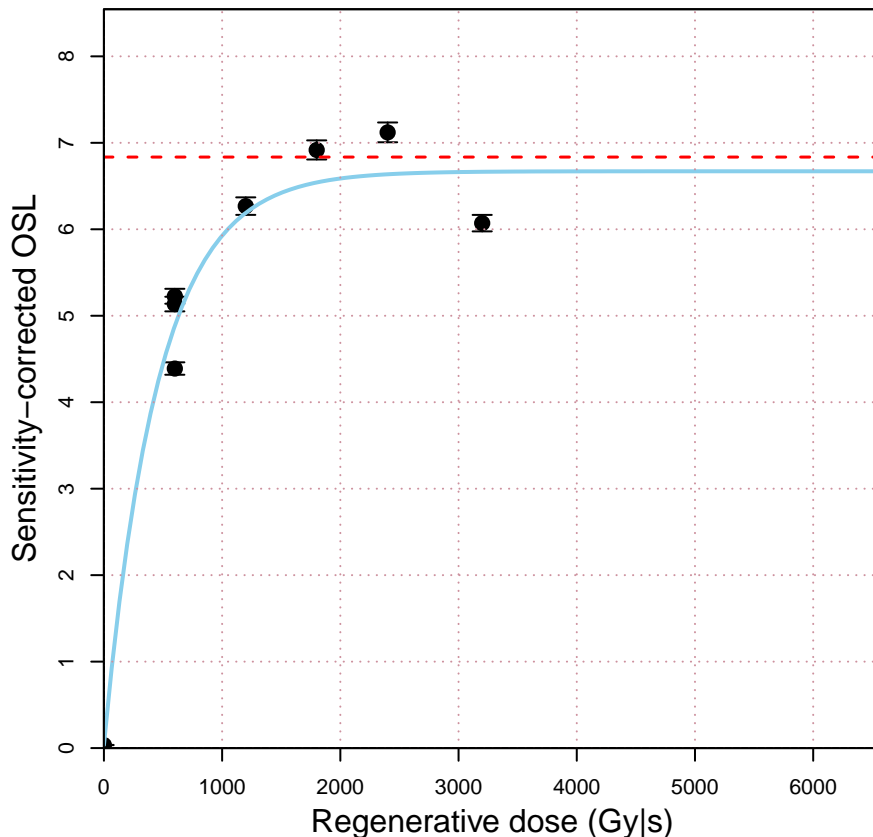
Recycling ratio 1: 0.9 +/- 0.05
Recycling ratio 2: 1.06 +/- 0.06
Recycling ratio 3: 1.17 +/- 0.06
=====

Recuperation 1: 0.51 +/- 0.06 (%)
Recuperation 2: 0.51 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 17.71
Average error in fit: 0.11
Reduced Chi-Square: 5.9
Figure Of Merit: 4.54 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 2948.68 +/- 336.91 (Gy/s)
RSE of ED: 11.43 (%)
95% interval: [2367.77, 3677.09]
68% interval: [2649.5, 3326.94]

Summary



ID: [NO=49, Position=1, Grain=49]

Status: Ln/Tn saturated

Tn: 4827 +/- 119.59

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 47.86 +/- 4.77

RSE of Tn: 2.48 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.84 +/- 0.04

Recycling ratio 2: 0.98 +/- 0.05

Recycling ratio 3: 1.17 +/- 0.05

Recuperation 1: 0.51 +/- 0.05 (%)

Recuperation 2: 0.49 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 35.21

Average error in fit: 0.13

Reduced Chi-Square: 11.74

Figure Of Merit: 6.43 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

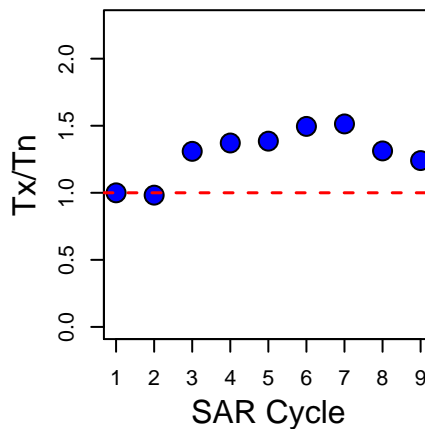
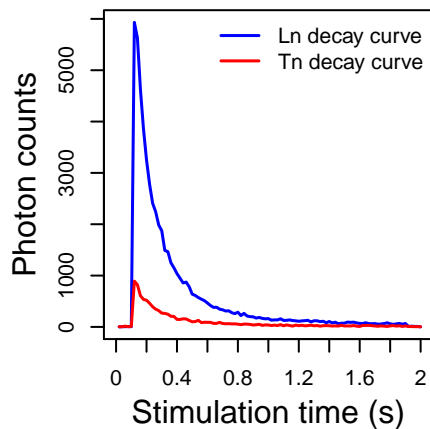
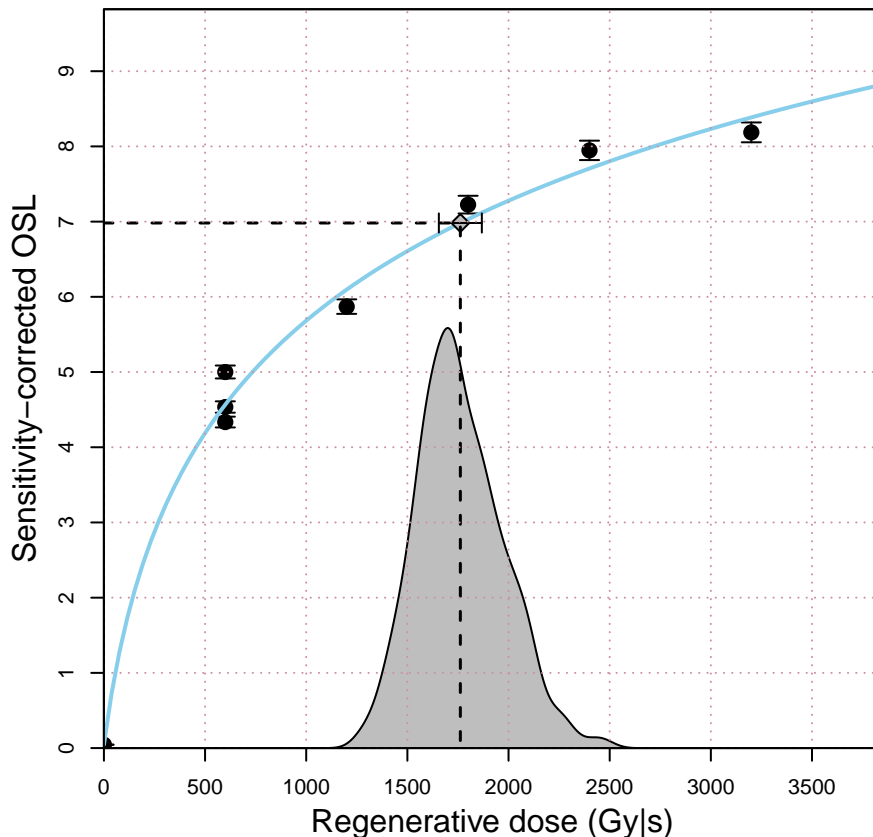
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=50, Position=1, Grain=50]

Status: OK

Tn: 3291.5 +/- 88.04

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 40.42 +/- 4.48

RSE of Tn: 2.67 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.65 +/- 0.06 (%)

Recuperation 2: 0.55 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.49

Average error in fit: 0.08

Reduced Chi-Square: 4.16

Figure Of Merit: 3.63 (%)

calED method: Interpolation

MC acceptance-rate: 98.81 (%)

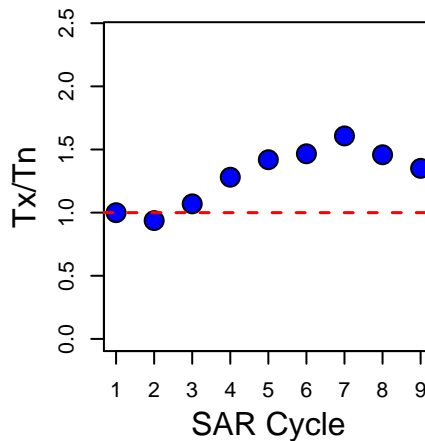
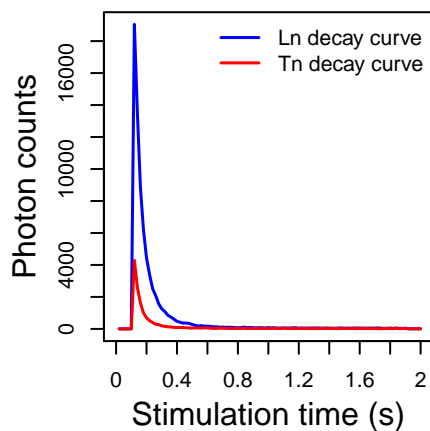
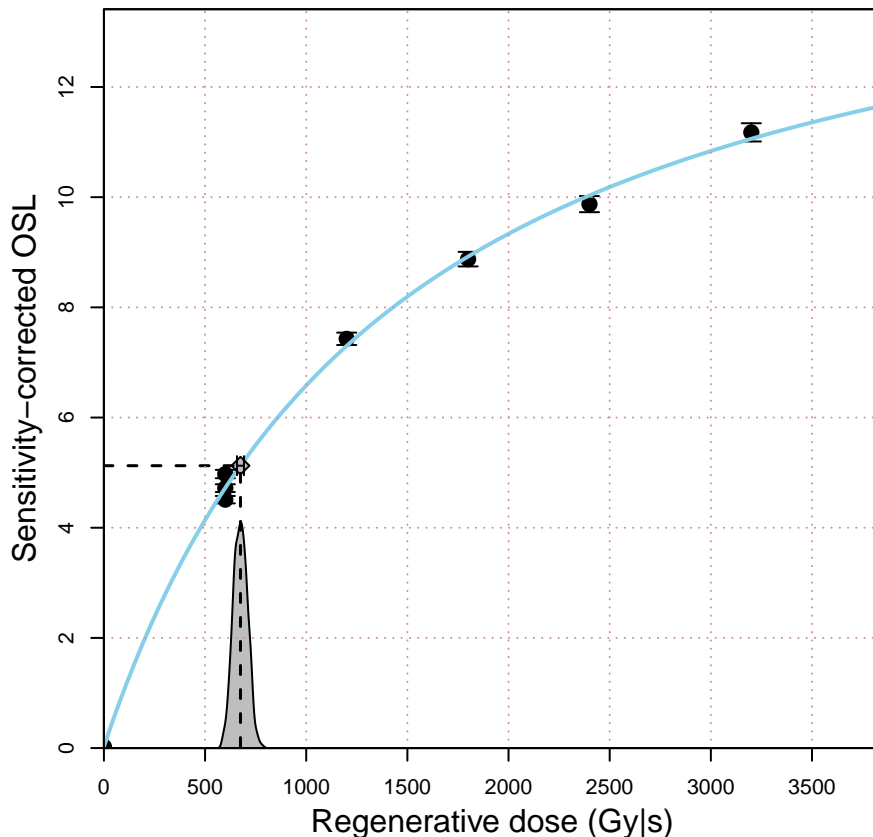
ED: 1761.78 +/- 212.54 (Gy/s)

RSE of ED: 12.06 (%)

95% interval: [1393.3, 2226.37]

68% interval: [1559.67, 1978.29]

Summary



ID: [NO=51, Position=1, Grain=51]

Status: OK

Tn: 10092.5 +/- 225.78

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 107.8 +/- 11.14

RSE of Tn: 2.24 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.04

Recuperation 1: 0.51 +/- 0.04 (%)

Recuperation 2: 0.24 +/- 0.02 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.06

Average error in fit: 0.05

Reduced Chi-Square: 2.02

Figure Of Merit: 1.79 (%)

calED method: Interpolation

MC acceptance-rate: 94.52 (%)

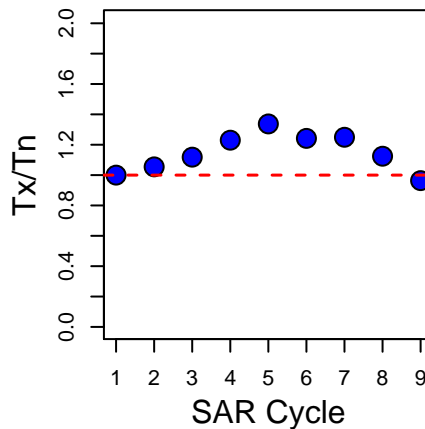
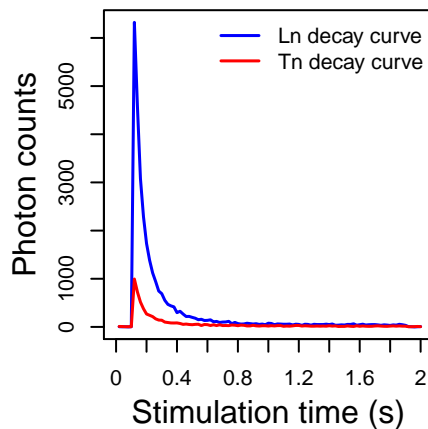
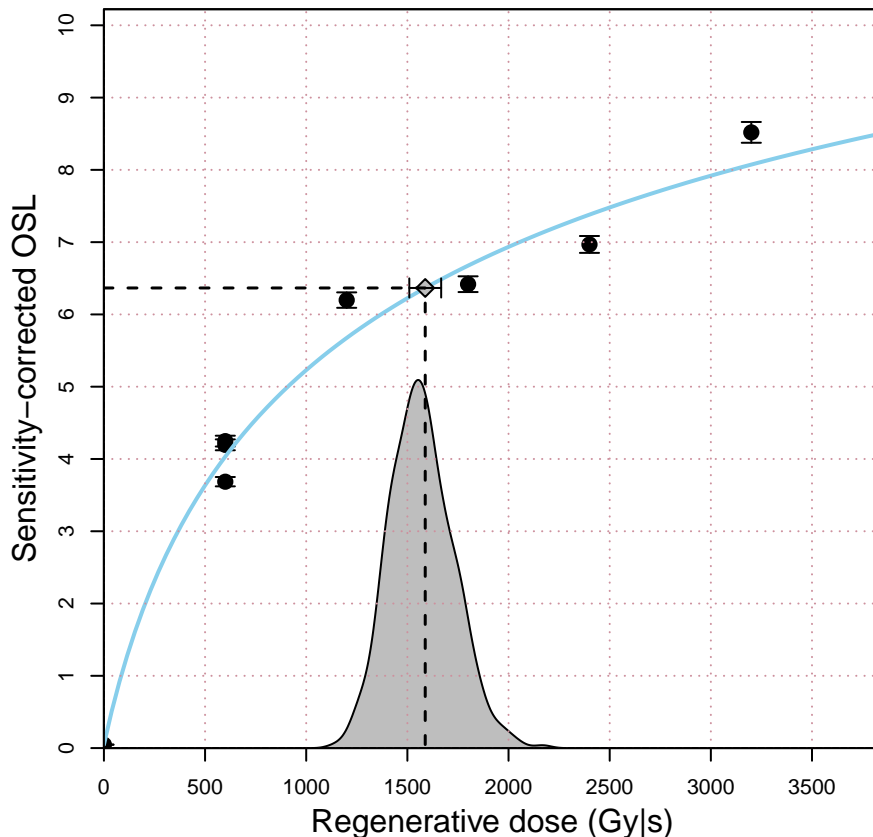
ED: 675.03 +/- 34.6 (Gy/s)

RSE of ED: 5.13 (%)

95% interval: [610.86, 738.53]

68% interval: [640.68, 710.21]

Summary



ID: [NO=52, Position=1, Grain=52]

Status: OK

Tn: 2797.5 +/- 77.81

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 34.11 +/- 3.76

RSE of Tn: 2.78 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.99 +/- 0.05

Recycling ratio 3: 1.14 +/- 0.06

Recuperation 1: 0.75 +/- 0.08 (%)

Recuperation 2: 0.56 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 23.38

Average error in fit: 0.12

Reduced Chi-Square: 7.79

Figure Of Merit: 5.91 (%)

calED method: Interpolation

MC acceptance-rate: 91.58 (%)

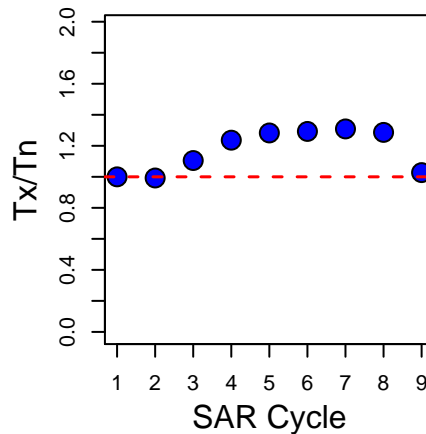
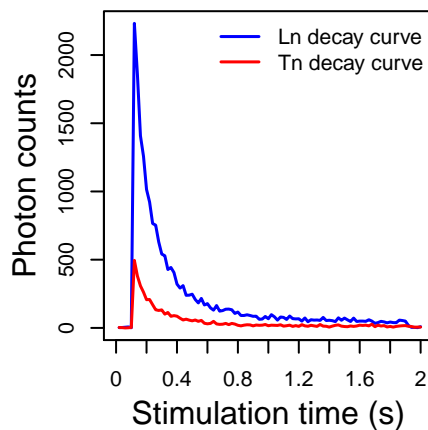
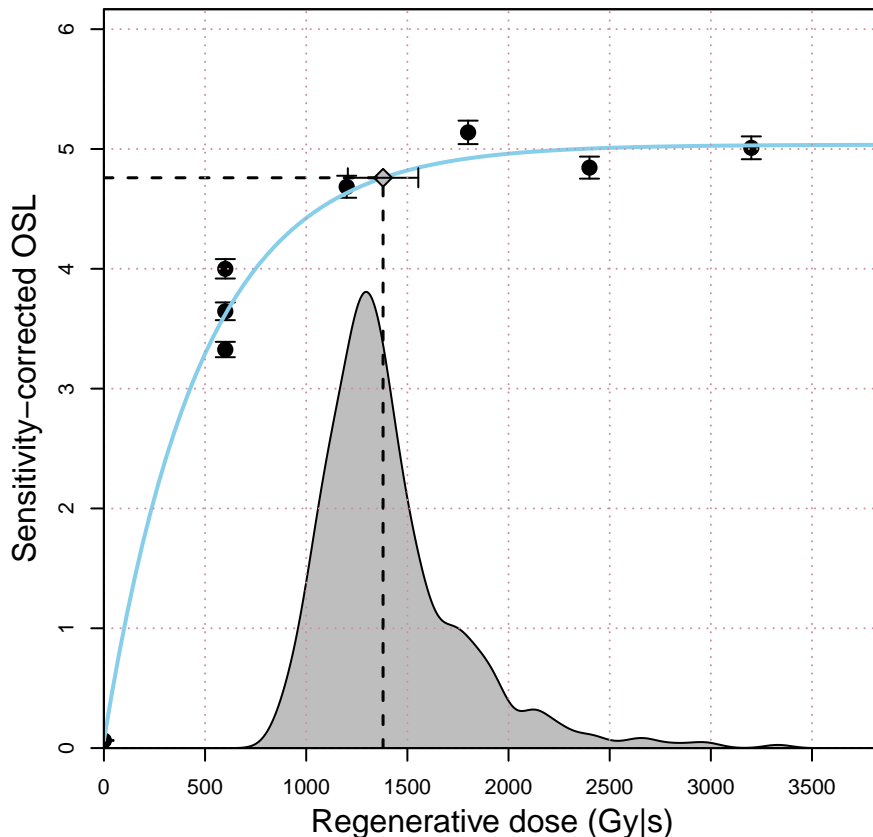
ED: 1588.27 +/- 157.44 (Gy/s)

RSE of ED: 9.91 (%)

95% interval: [1282.5, 1891.39]

68% interval: [1413.33, 1732.92]

Summary



ID: [NO=53, Position=1, Grain=53]

Status: OK

Tn: 1585.5 +/- 51.87

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.84 +/- 3.11

RSE of Tn: 3.27 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.83 +/- 0.05

Recycling ratio 2: 0.91 +/- 0.05

Recycling ratio 3: 1.1 +/- 0.06

Recuperation 1: 1.34 +/- 0.16 (%)

Recuperation 2: 1.24 +/- 0.15 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.83

Average error in fit: 0.07

Reduced Chi-Square: 4.28

Figure Of Merit: 3.76 (%)

calED method: Interpolation

MC acceptance-rate: 90.74 (%)

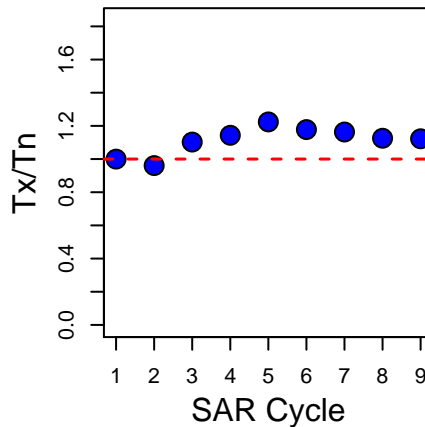
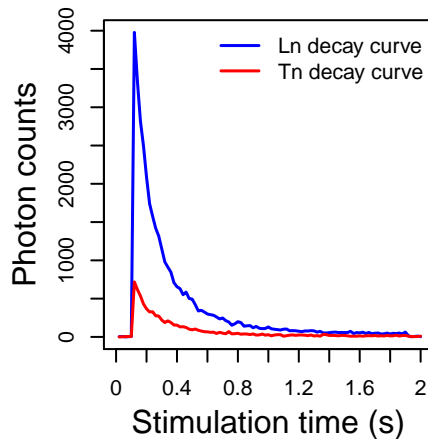
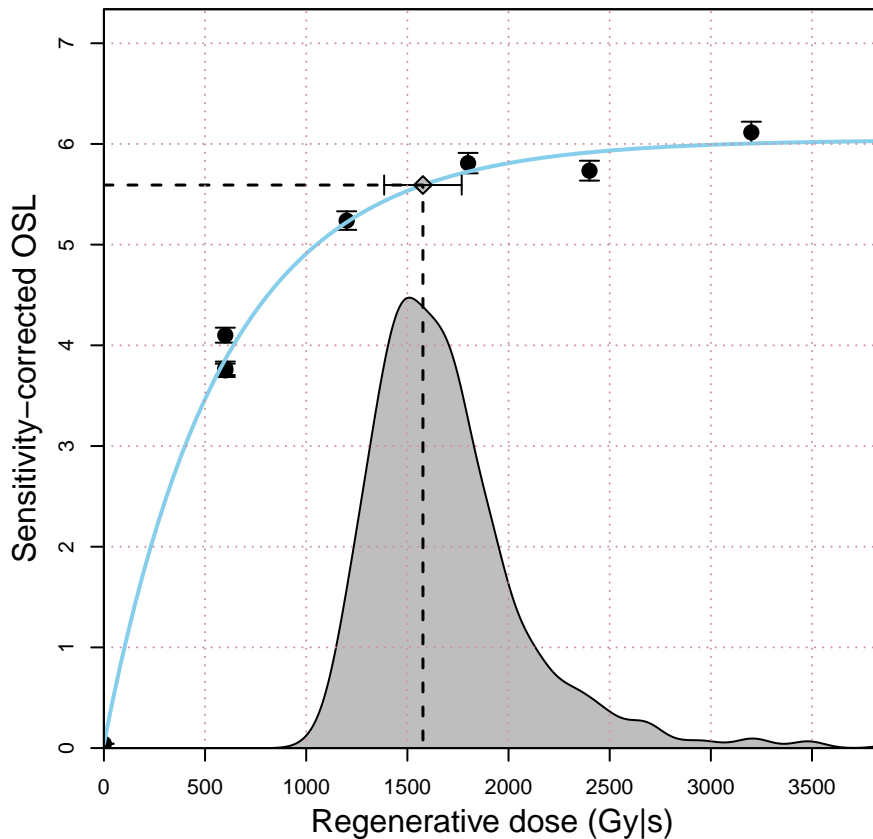
ED: 1379.86 +/- 348.25 (Gy/s)

RSE of ED: 25.24 (%)

95% interval: [955.18, 2291.48]

68% interval: [1121.86, 1722.71]

Summary



ID: [NO=54, Position=1, Grain=54]

Status: OK

Tn: 2590.5 +/- 73.43

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 34 +/- 3.89

RSE of Tn: 2.83 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.77 +/- 0.09 (%)

Recuperation 2: 0.7 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.01

Average error in fit: 0.05

Reduced Chi-Square: 1.67

Figure Of Merit: 2.41 (%)

calED method: Interpolation

MC acceptance-rate: 97.66 (%)

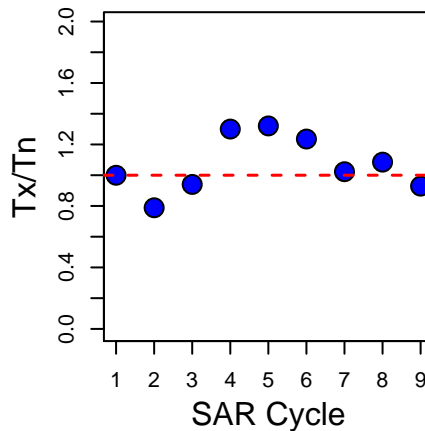
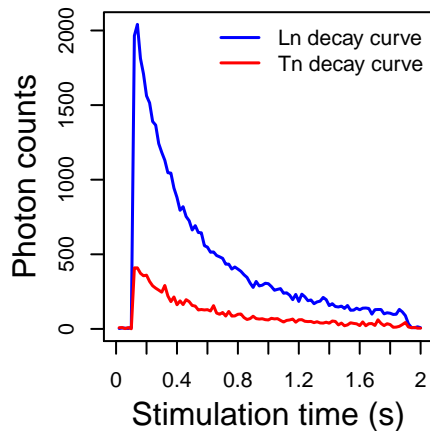
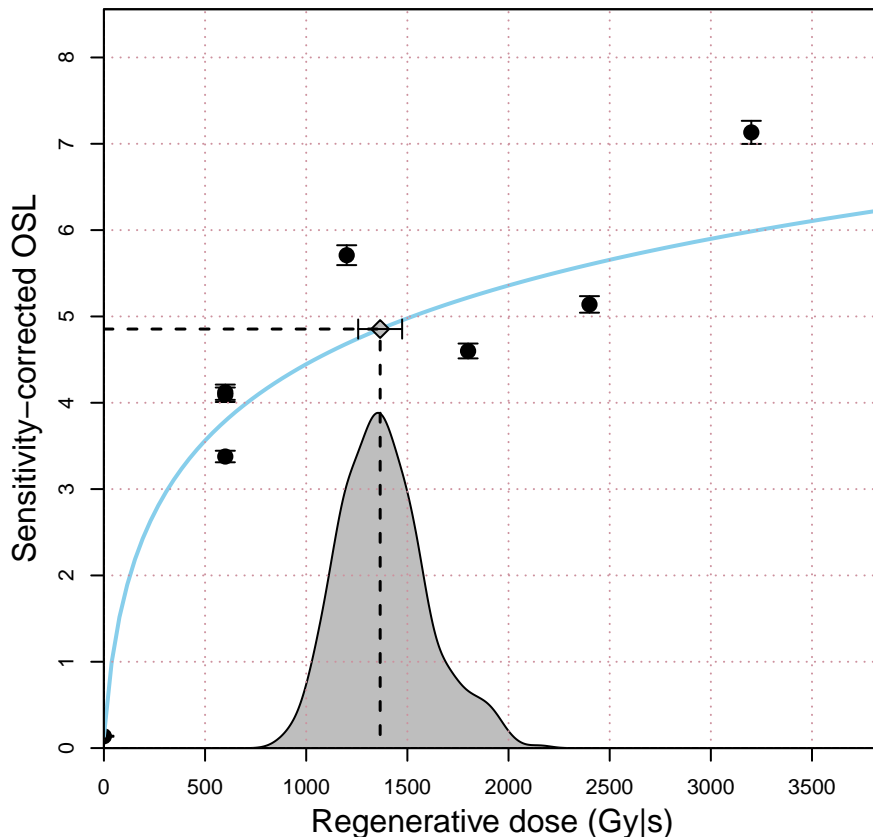
ED: 1576.86 +/- 383.27 (Gy/s)

RSE of ED: 24.31 (%)

95% interval: [1190.93, 2675.43]

68% interval: [1368.27, 1980.45]

Summary



ID: [NO=55, Position=1, Grain=55]

Status: OK

Tn: 1759 +/- 56.73

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 12.89 +/- 1.1

RSE of Tn: 3.23 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.82 +/- 0.05

Recycling ratio 2: 0.99 +/- 0.06

Recycling ratio 3: 1.21 +/- 0.07

Recuperation 1: 2.83 +/- 0.26 (%)

Recuperation 2: 1.92 +/- 0.18 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 73.28

Average error in fit: 0.23

Reduced Chi-Square: 24.43

Figure Of Merit: 13.03 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

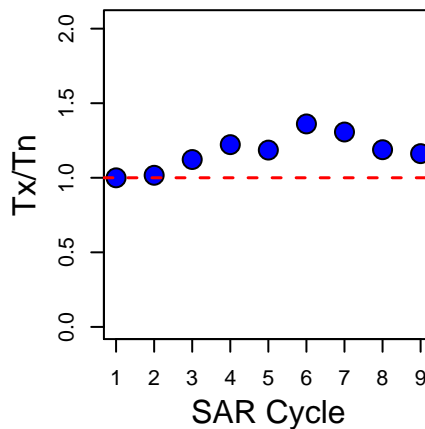
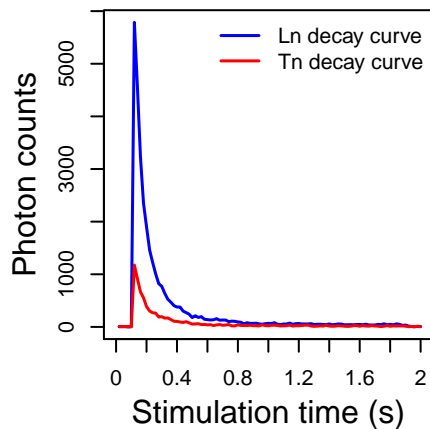
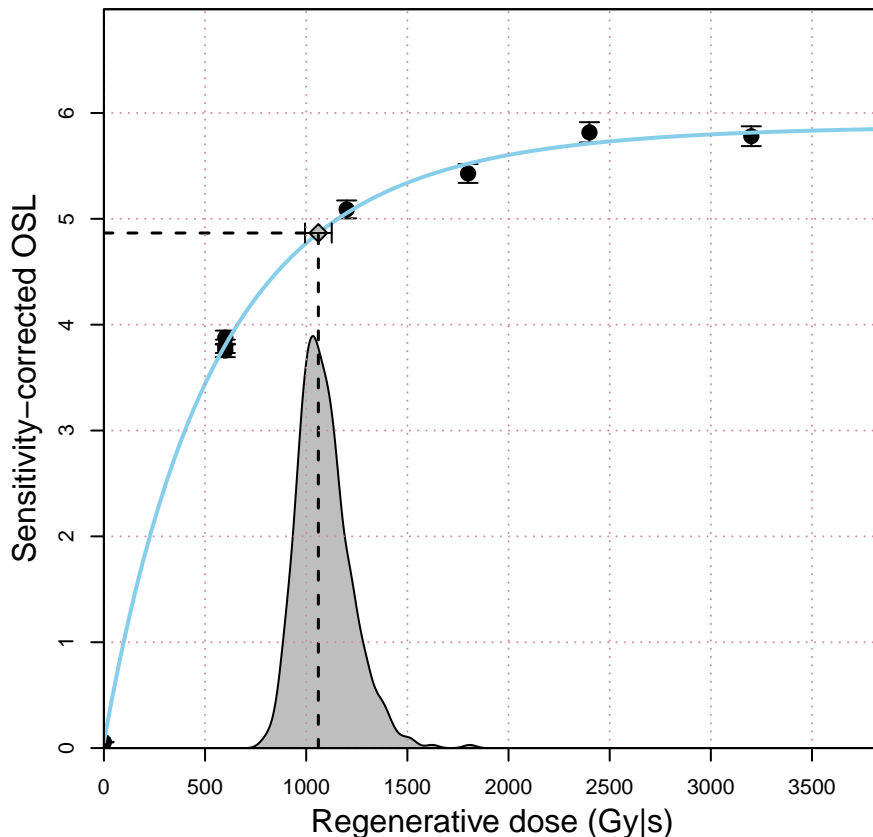
ED: 1365.44 +/- 217.16 (Gy/s)

RSE of ED: 15.9 (%)

95% interval: [1020.99, 1885.44]

68% interval: [1175.47, 1577.93]

Summary



ID: [NO=56, Position=1, Grain=56]
=====

Status: OK
=====

Tn: 3619 +/- 94.74
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 46.81 +/- 5.32
RSE of Tn: 2.62 (%)
Fast ratio of Tn: NA +/- NA
=====

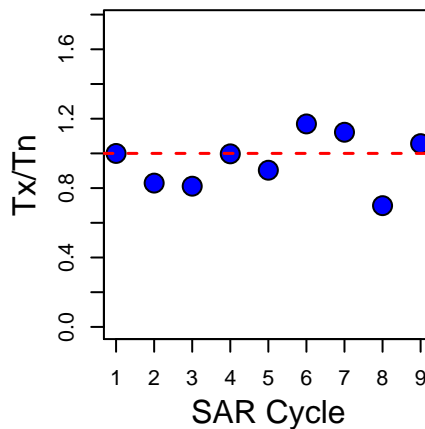
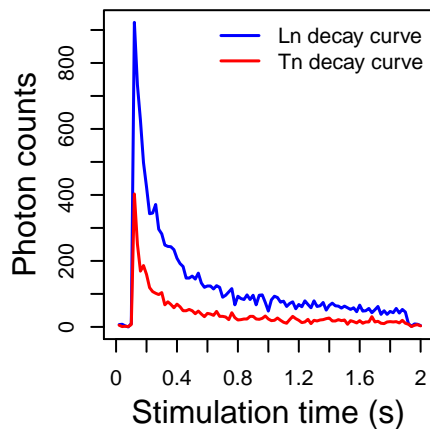
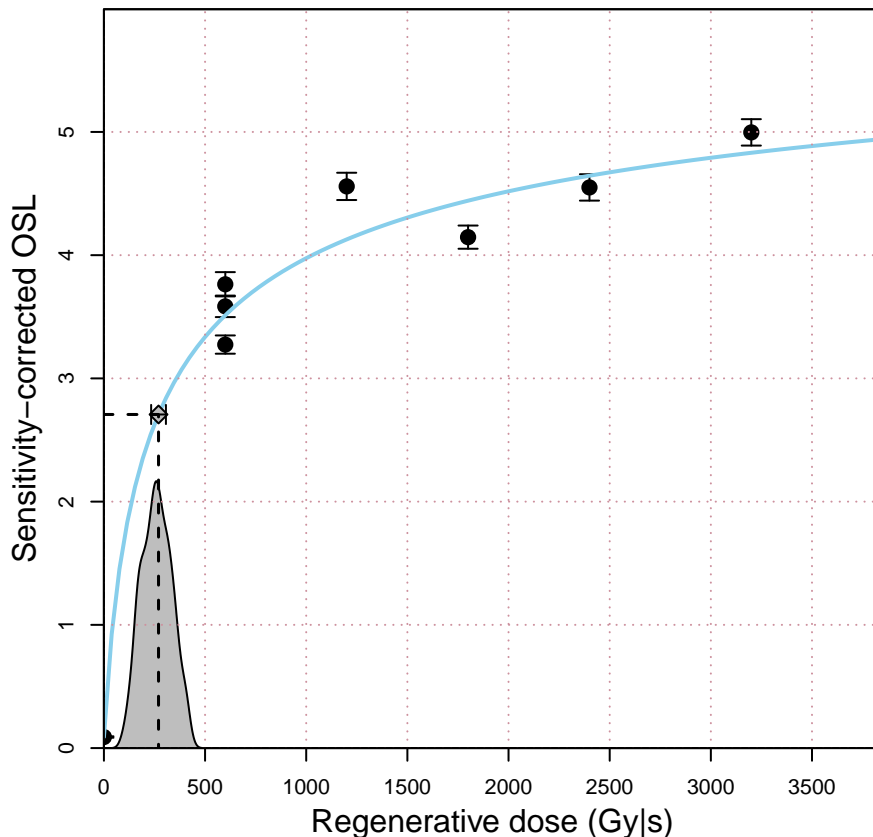
Recycling ratio 1: 0.97 +/- 0.05
Recycling ratio 2: 0.98 +/- 0.05
Recycling ratio 3: 1.01 +/- 0.05
=====

Recuperation 1: 1.16 +/- 0.1 (%)
Recuperation 2: 0.97 +/- 0.08 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 1.11
Average error in fit: 0.02
Reduced Chi-Square: 0.37
Figure Of Merit: 1.19 (%)
=====

calED method: Interpolation
MC acceptance-rate: 99.8 (%)
ED: 1060.08 +/- 132.15 (Gy/s)
RSE of ED: 12.47 (%)
95% interval: [886.28, 1389.65]
68% interval: [968.9, 1214.57]

Summary



ID: [NO=57, Position=1, Grain=57]

Status: OK

Tn: 1096.5 +/- 41.04

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 16.34 +/- 1.99

RSE of Tn: 3.74 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.05 +/- 0.07

Recycling ratio 2: 0.91 +/- 0.06

Recycling ratio 3: 0.87 +/- 0.06

Recuperation 1: 3.32 +/- 0.45 (%)

Recuperation 2: 1.8 +/- 0.24 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.43

Average error in fit: 0.08

Reduced Chi-Square: 3.81

Figure Of Merit: 5.4 (%)

calED method: Interpolation

MC acceptance-rate: 81.7 (%)

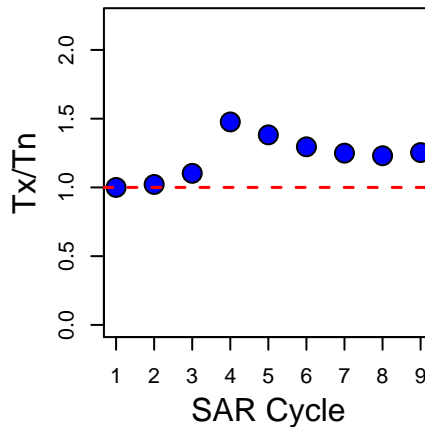
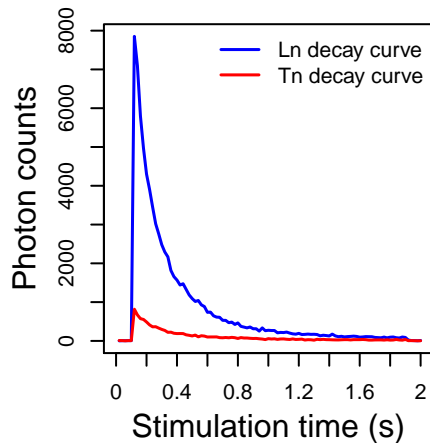
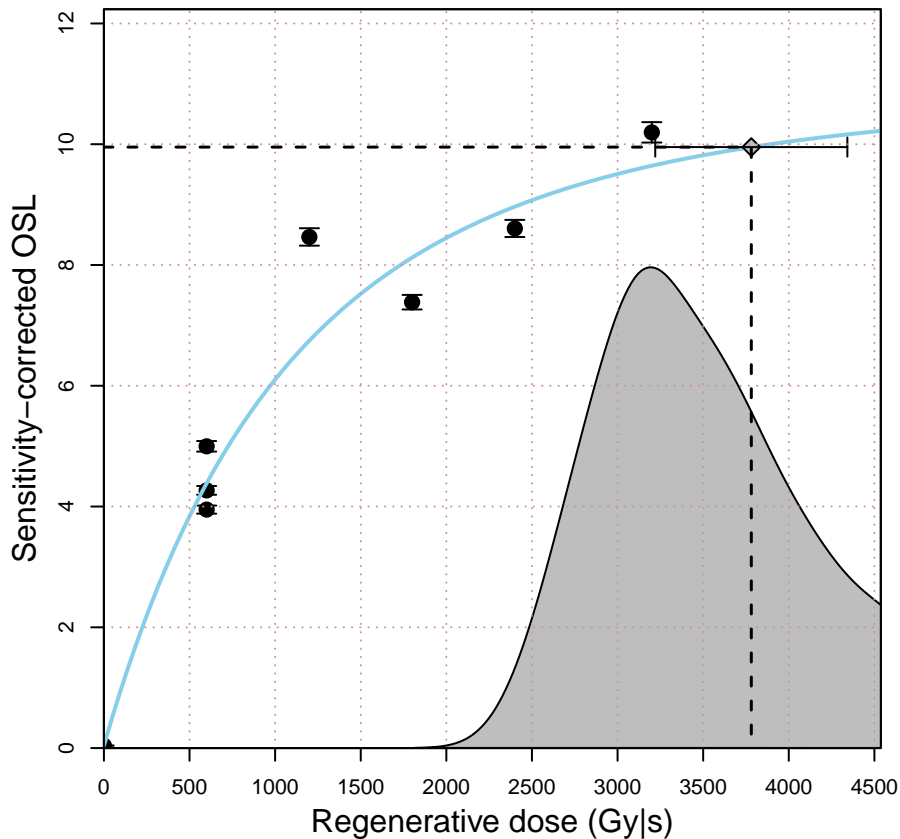
ED: 269.99 +/- 73.06 (Gy/s)

RSE of ED: 27.06 (%)

95% interval: [127.1, 405.31]

68% interval: [181.15, 339.1]

Summary



ID: [NO=58, Position=1, Grain=58]

Status: OK

Tn: 2971 \pm 81.84

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 23.68 \pm 2.11

RSE of Tn: 2.75 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.85 \pm 0.04

Recycling ratio 2: 0.79 \pm 0.04

Recycling ratio 3: 0.93 \pm 0.04

Recuperation 1: 0.41 \pm 0.04 (%)

Recuperation 2: 0.4 \pm 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 72.66

Average error in fit: 0.27

Reduced Chi-Square: 24.22

Figure Of Merit: 9.71 (%)

calED method: Extrapolation

MC acceptance-rate: 78.62 (%)

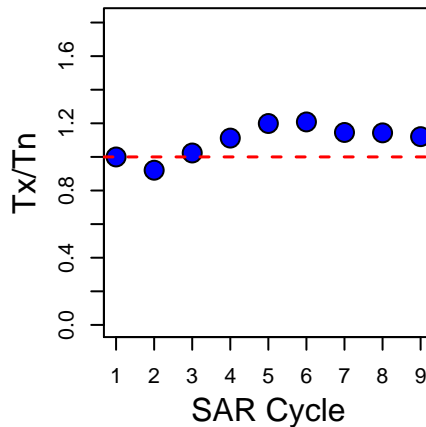
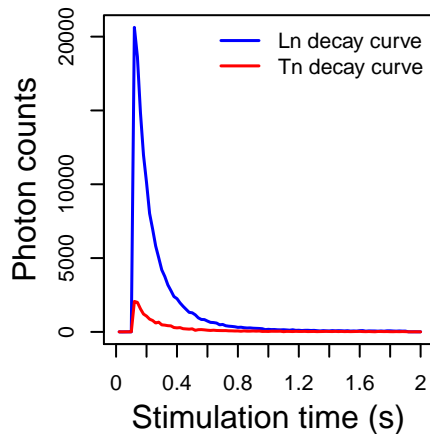
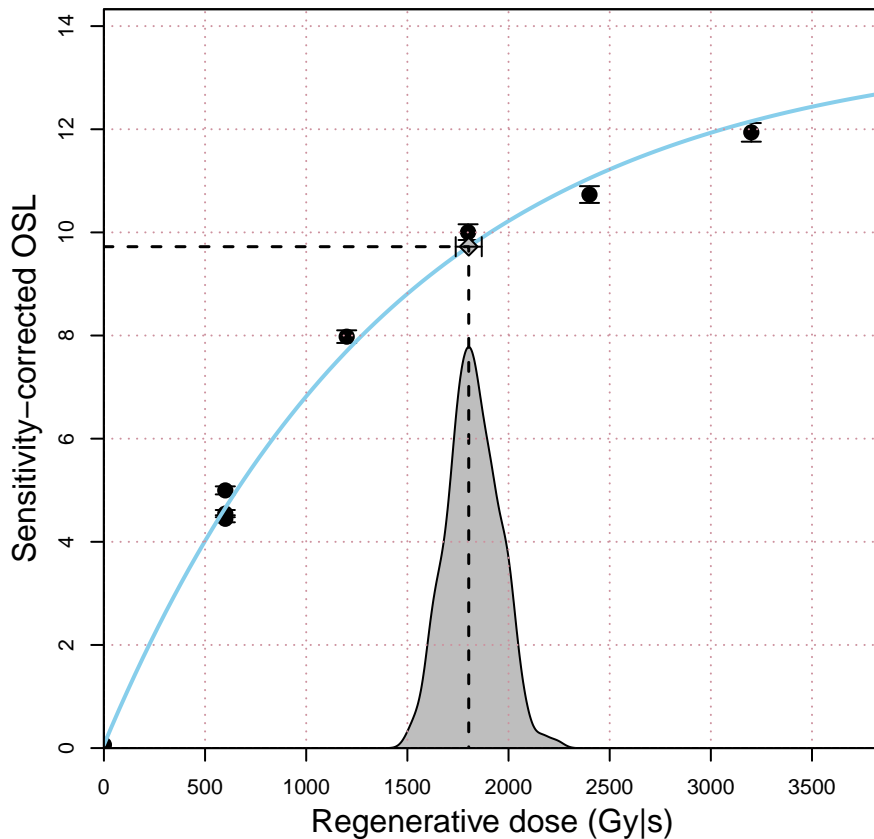
ED: 3781.16 \pm 1122.06 (Gy/s)

RSE of ED: 29.67 (%)

95% interval: [2559.25, 6572.99]

68% interval: [2945.74, 4591.26]

Summary



ID: [NO=59, Position=1, Grain=59]

Status: OK

Tn: 7807 \pm 179.84

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 76.8 \pm 7.62

RSE of Tn: 2.3 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.89 \pm 0.04

Recycling ratio 2: 0.91 \pm 0.04

Recycling ratio 3: 1.02 \pm 0.04

Recuperation 1: 0.66 \pm 0.04 (%)

Recuperation 2: 0.54 \pm 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.28

Average error in fit: 0.09

Reduced Chi-Square: 3.76

Figure Of Merit: 3.22 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

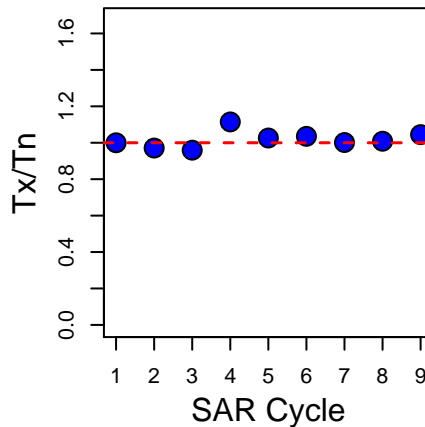
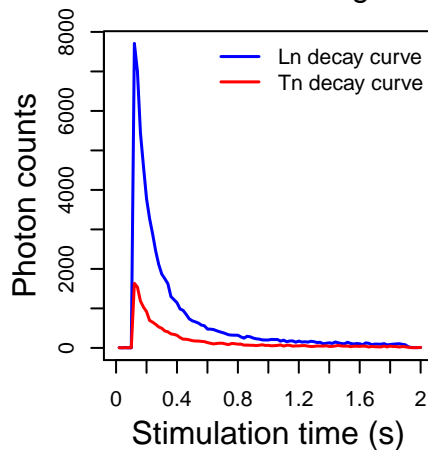
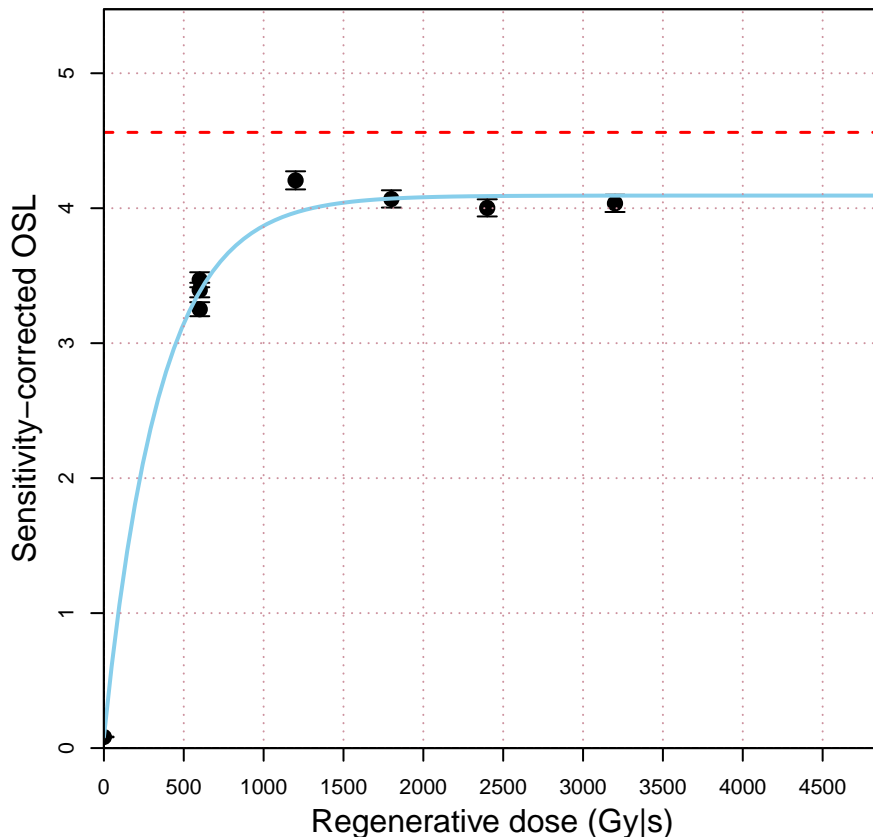
ED: 1803.29 \pm 128.83 (Gy/s)

RSE of ED: 7.14 (%)

95% interval: [1596.19, 2074.84]

68% interval: [1696.96, 1963.78]

Summary



ID: [NO=60, Position=1, Grain=60]

Status: Ln/Tn saturated

Tn: 6151.5 +/- 146.73

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 39.33 +/- 3.14

RSE of Tn: 2.39 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 0.98 +/- 0.04

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 1.81 +/- 0.12 (%)

Recuperation 2: 1.96 +/- 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.05

Average error in fit: 0.04

Reduced Chi-Square: 2.02

Figure Of Merit: 2.32 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

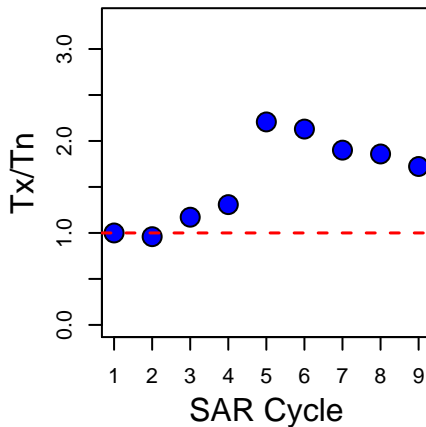
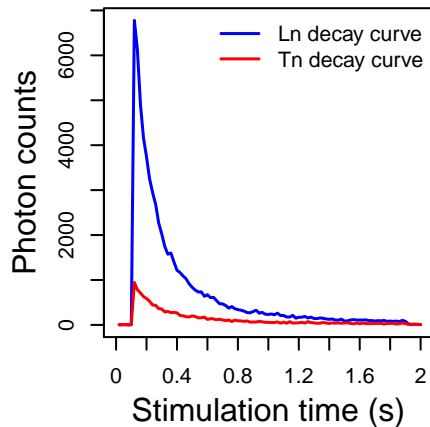
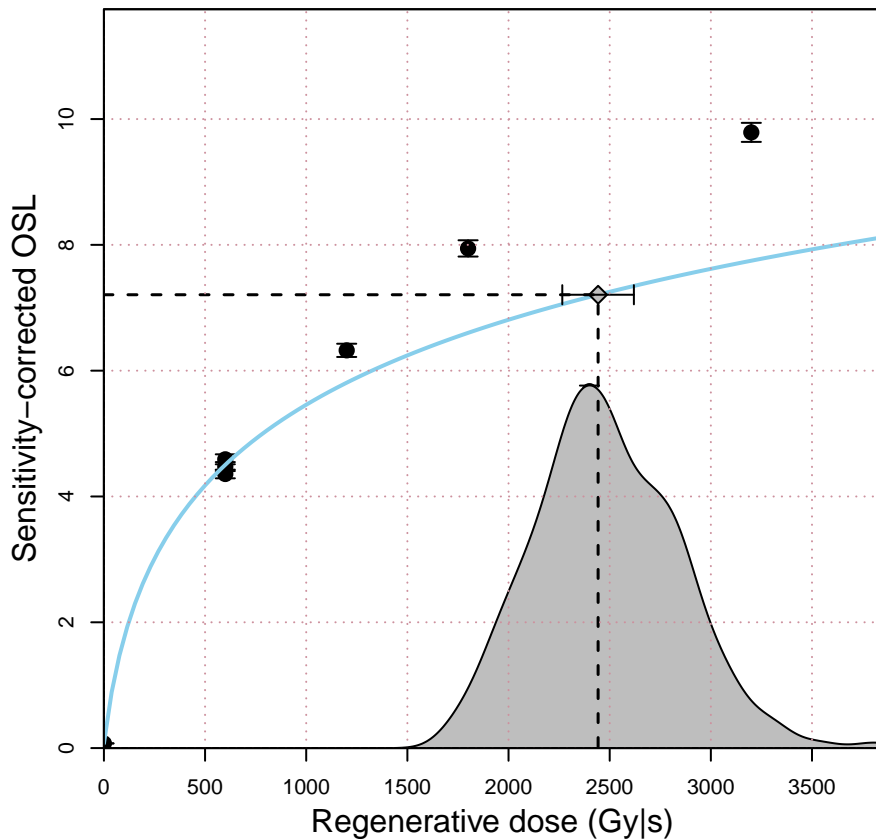
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=61, Position=1, Grain=61]

Status: OK

Tn: 3506.5 +/- 93.01

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.3 +/- 2.02

RSE of Tn: 2.65 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.05

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 1.03 +/- 0.07 (%)

Recuperation 2: 0.76 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 152.19

Average error in fit: 0.36

Reduced Chi-Square: 50.73

Figure Of Merit: 13.82 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

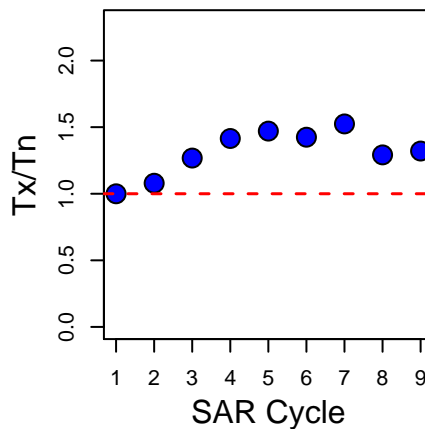
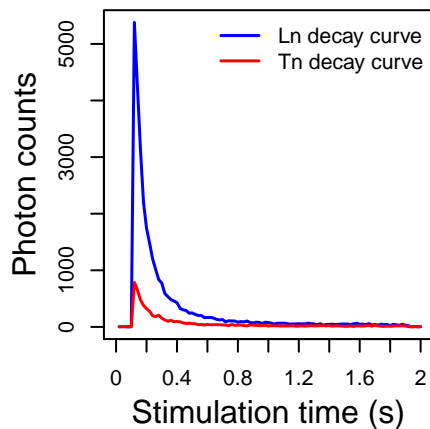
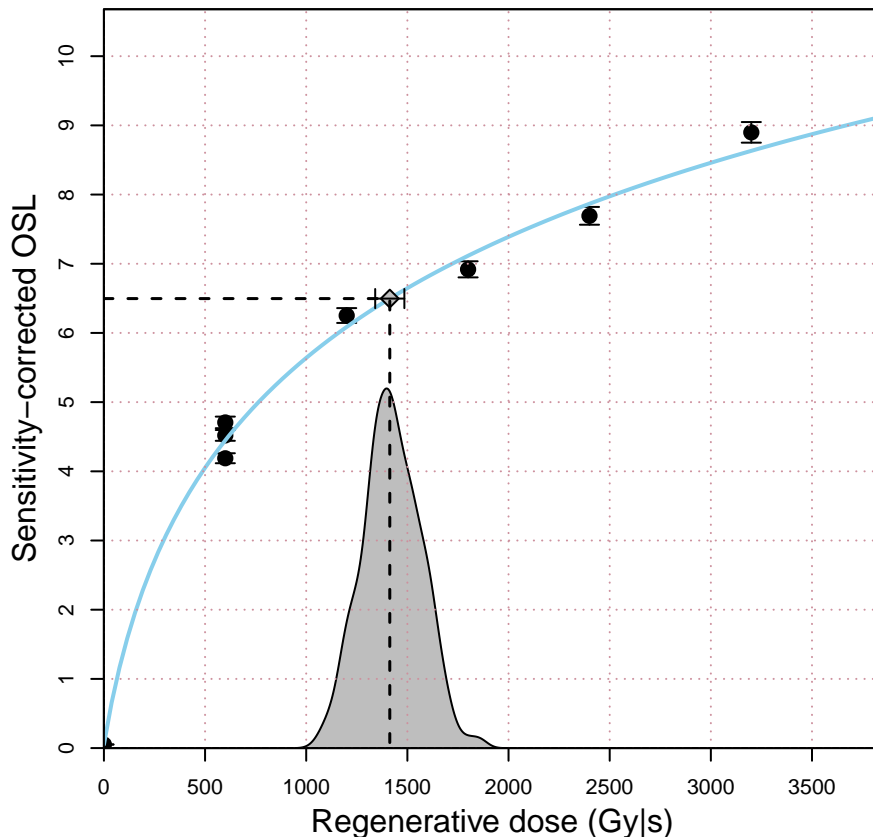
ED: 2442.71 +/- 353.91 (Gy/s)

RSE of ED: 14.49 (%)

95% interval: [1854.99, 3232.41]

68% interval: [2142.77, 2839.68]

Summary



ID: [NO=62, Position=1, Grain=62]

Status: OK

Tn: 2545 +/- 72.45

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 34.93 +/- 4.09

RSE of Tn: 2.85 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.05

Recycling ratio 2: 0.89 +/- 0.04

Recycling ratio 3: 0.93 +/- 0.05

Recuperation 1: 0.8 +/- 0.08 (%)

Recuperation 2: 0.58 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 8.4

Average error in fit: 0.07

Reduced Chi-Square: 2.8

Figure Of Merit: 3.23 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

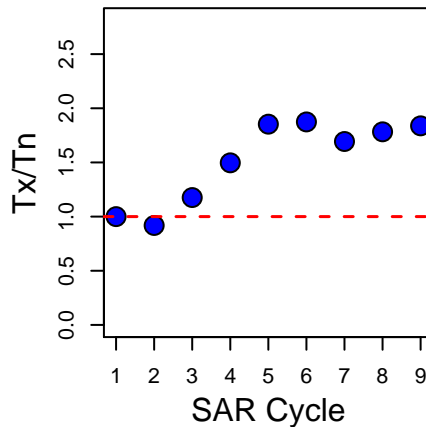
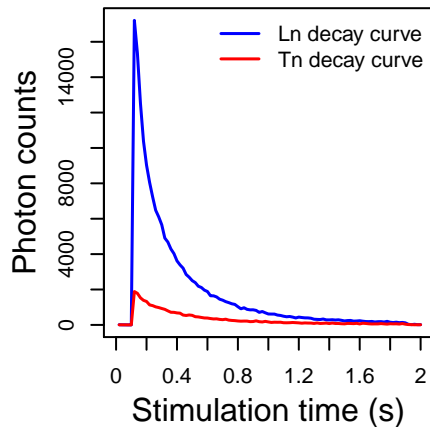
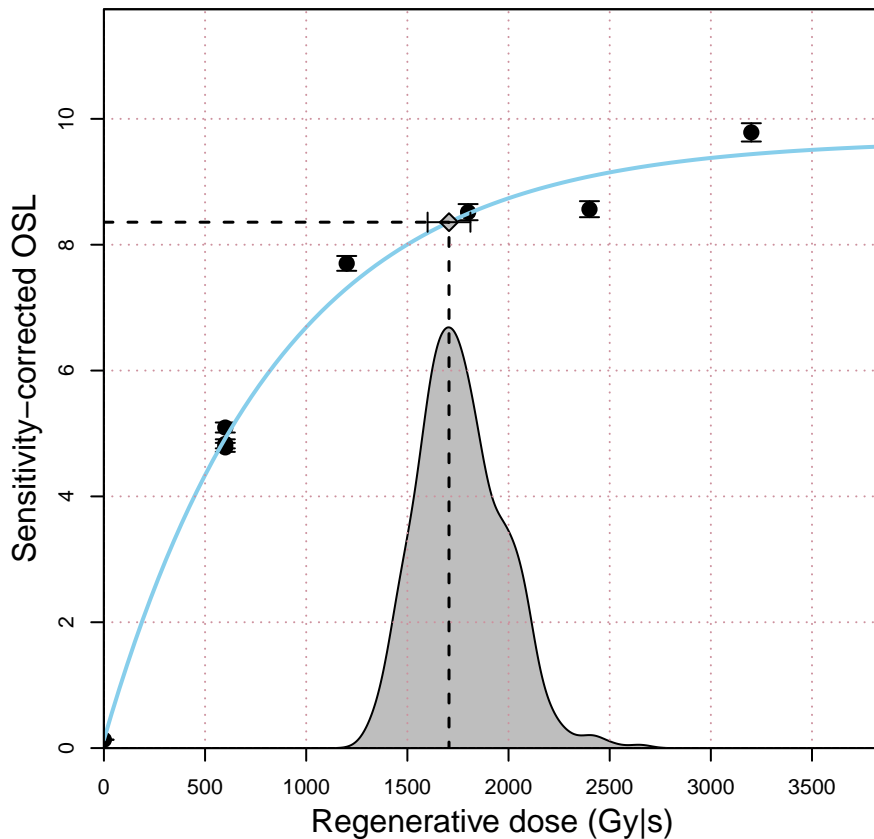
ED: 1413.01 +/- 144.18 (Gy/s)

RSE of ED: 10.2 (%)

95% interval: [1157.24, 1701.81]

68% interval: [1282.52, 1578.51]

Summary



ID: [NO=63, Position=1, Grain=63]

Status: OK

Tn: 7624 +/- 176.95

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.2 +/- 1.62

RSE of Tn: 2.32 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.04

Recuperation 1: 1.59 +/- 0.08 (%)

Recuperation 2: 1.36 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.97

Average error in fit: 0.1

Reduced Chi-Square: 3.66

Figure Of Merit: 3.43 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

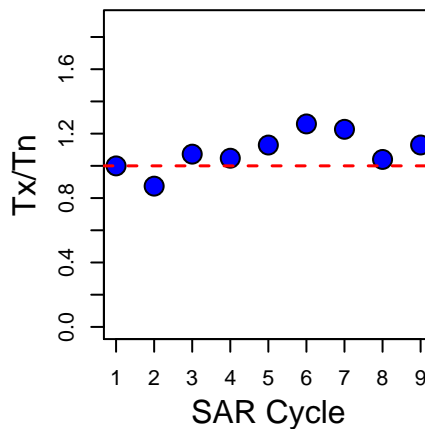
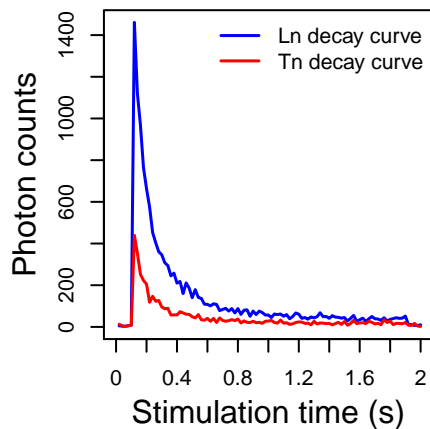
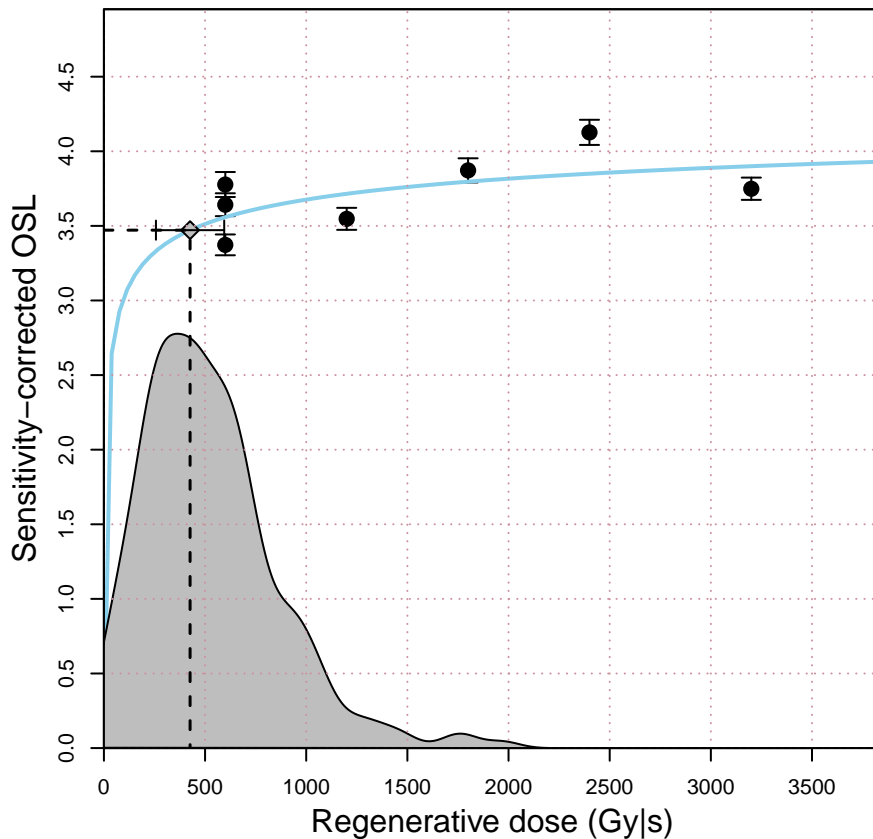
ED: 1705.75 +/- 211.62 (Gy/s)

RSE of ED: 12.41 (%)

95% interval: [1421.35, 2193.92]

68% interval: [1565.3, 1986.06]

Summary



ID: [NO=64, Position=1, Grain=64]

Status: OK

Tn: 1376 +/- 47.72

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 15.33 +/- 1.62

RSE of Tn: 3.47 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.06

Recycling ratio 2: 0.89 +/- 0.05

Recycling ratio 3: 0.93 +/- 0.05

Recuperation 1: 1.76 +/- 0.25 (%)

Recuperation 2: 1.48 +/- 0.21 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 9.02

Average error in fit: 0.06

Reduced Chi-Square: 3.01

Figure Of Merit: 4.46 (%)

calED method: Interpolation

MC acceptance-rate: 94.34 (%)

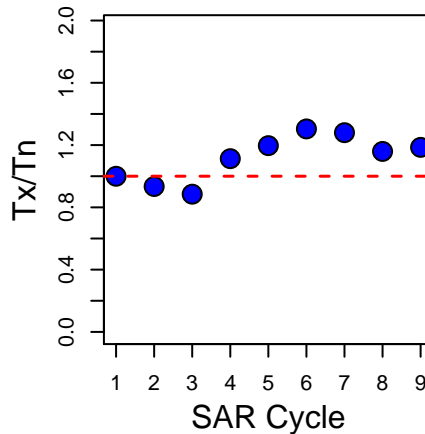
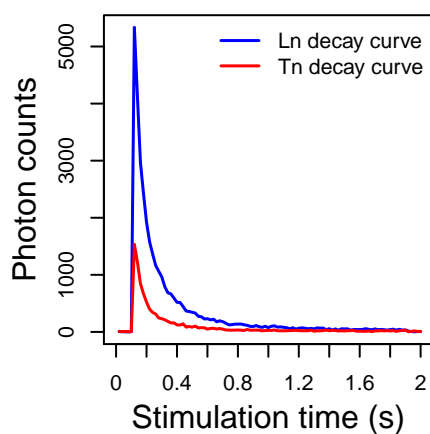
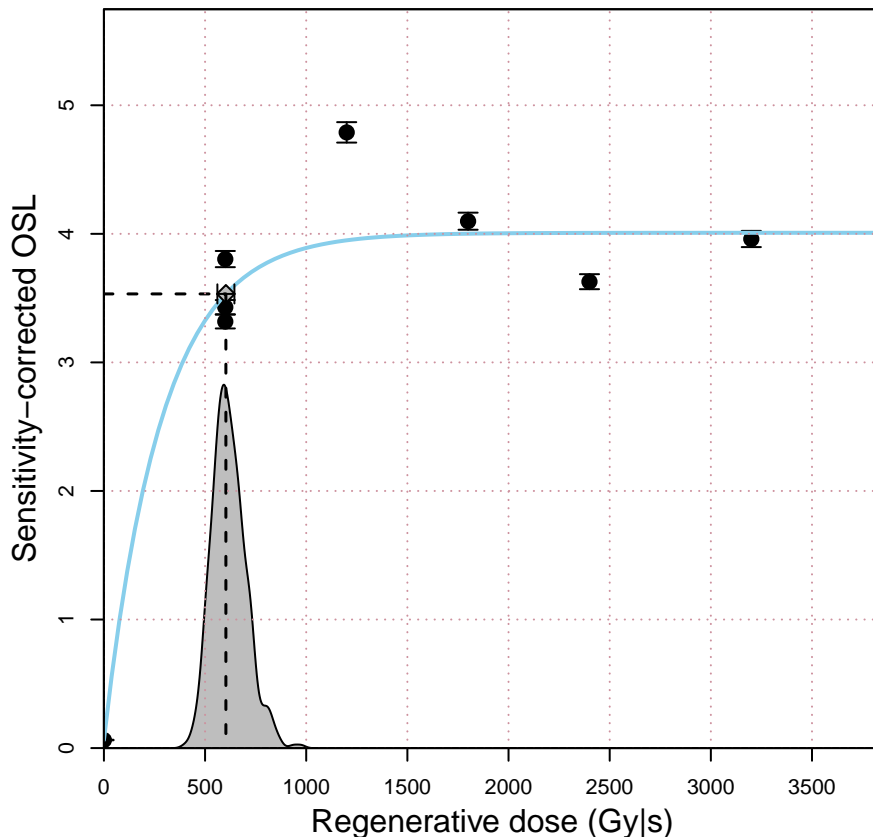
ED: 425.92 +/- 337.31 (Gy/s)

RSE of ED: 79.2 (%)

95% interval: [27.88, 1356.34]

68% interval: [220.04, 830.09]

Summary



ID: [NO=65, Position=1, Grain=65]

Status: OK

Tn: 4694 +/- 116.88

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 47.02 +/- 4.7

RSE of Tn: 2.49 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 1.77 +/- 0.14 (%)

Recuperation 2: 1.31 +/- 0.1 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 48.52

Average error in fit: 0.12

Reduced Chi-Square: 16.17

Figure Of Merit: 7.32 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

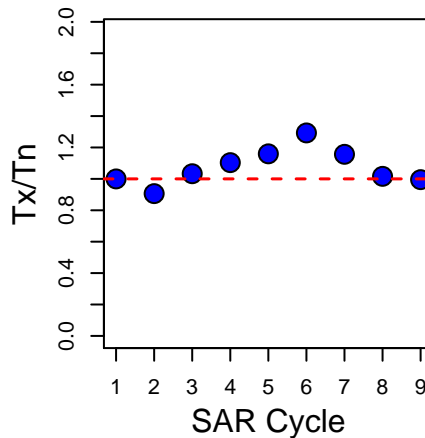
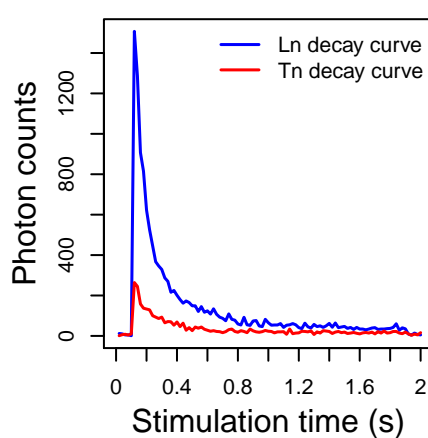
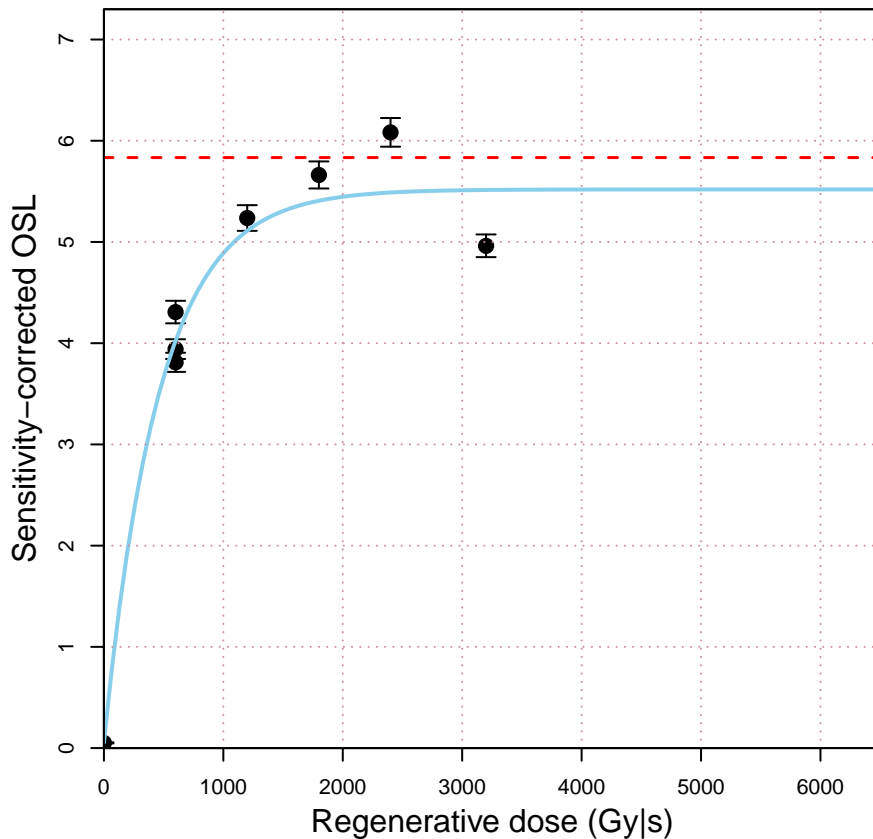
ED: 602.89 +/- 84.12 (Gy/s)

RSE of ED: 13.95 (%)

95% interval: [478.06, 811.25]

68% interval: [538.46, 703.33]

Summary



ID: [NO=66, Position=1, Grain=66]

Status: Ln/Tn saturated

Tn: 848.5 +/- 35.63

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 10.59 +/- 1.18

RSE of Tn: 4.2 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.07

Recycling ratio 2: 0.88 +/- 0.06

Recycling ratio 3: 0.97 +/- 0.07

Recuperation 1: 0.88 +/- 0.2 (%)

Recuperation 2: 0.85 +/- 0.19 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 14.67

Average error in fit: 0.12

Reduced Chi-Square: 4.89

Figure Of Merit: 6.26 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

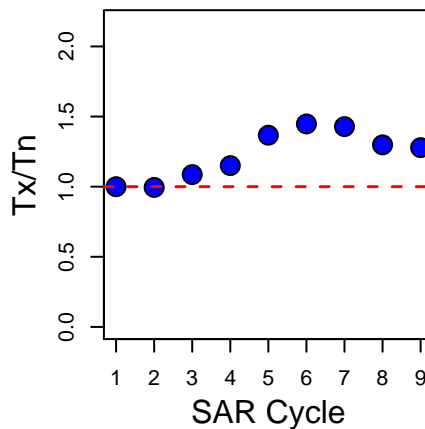
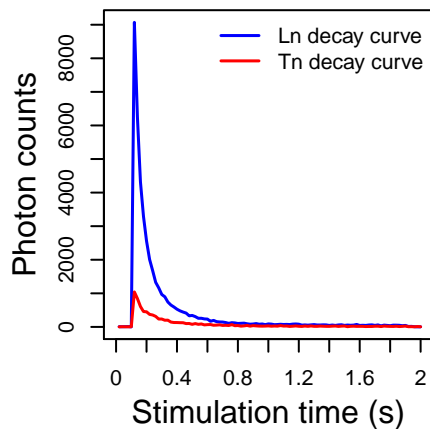
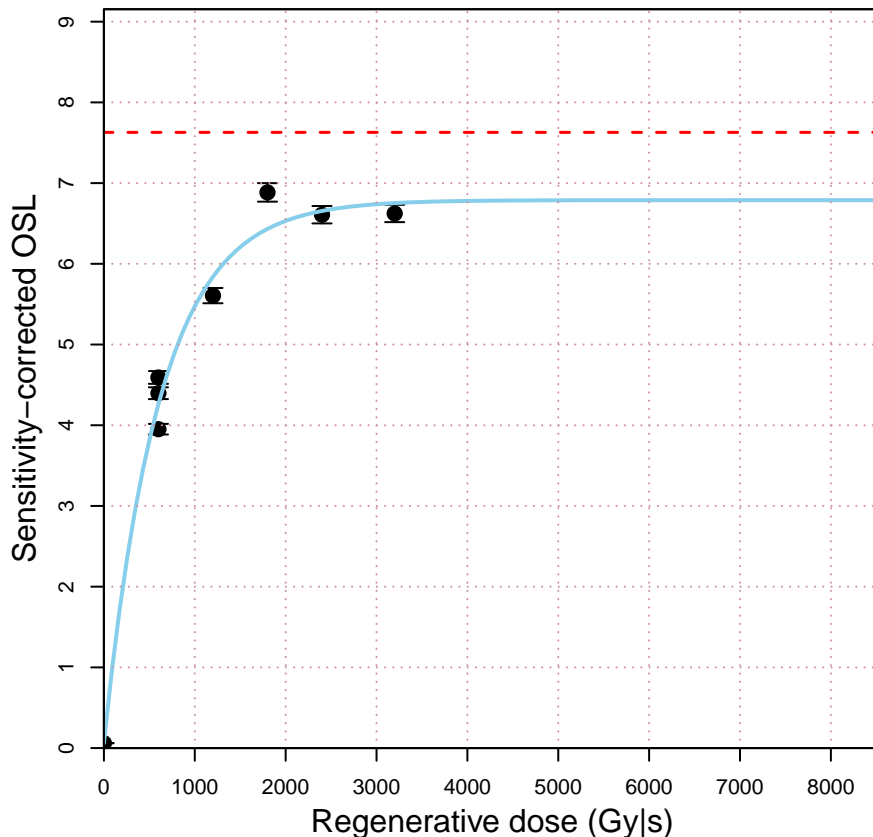
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=67, Position=1, Grain=67]

Status: Ln/Tn saturated

Tn: 3311.5 +/- 88.5

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 38 +/- 4.07

RSE of Tn: 2.67 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.86 +/- 0.04

Recycling ratio 2: 0.96 +/- 0.05

Recycling ratio 3: 1.11 +/- 0.05

Recuperation 1: 0.8 +/- 0.07 (%)

Recuperation 2: 0.88 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 16.64

Average error in fit: 0.09

Reduced Chi-Square: 5.55

Figure Of Merit: 4.25 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

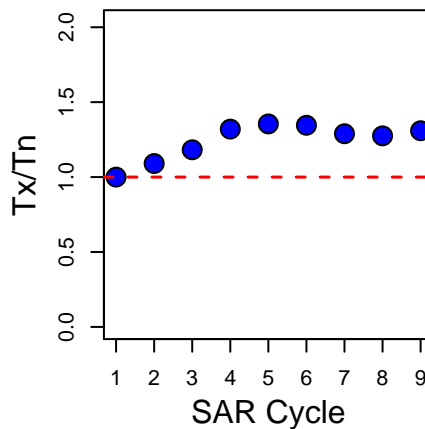
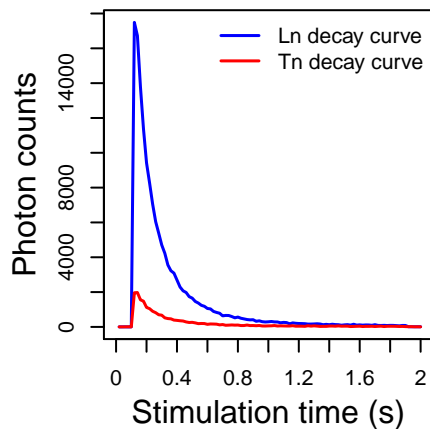
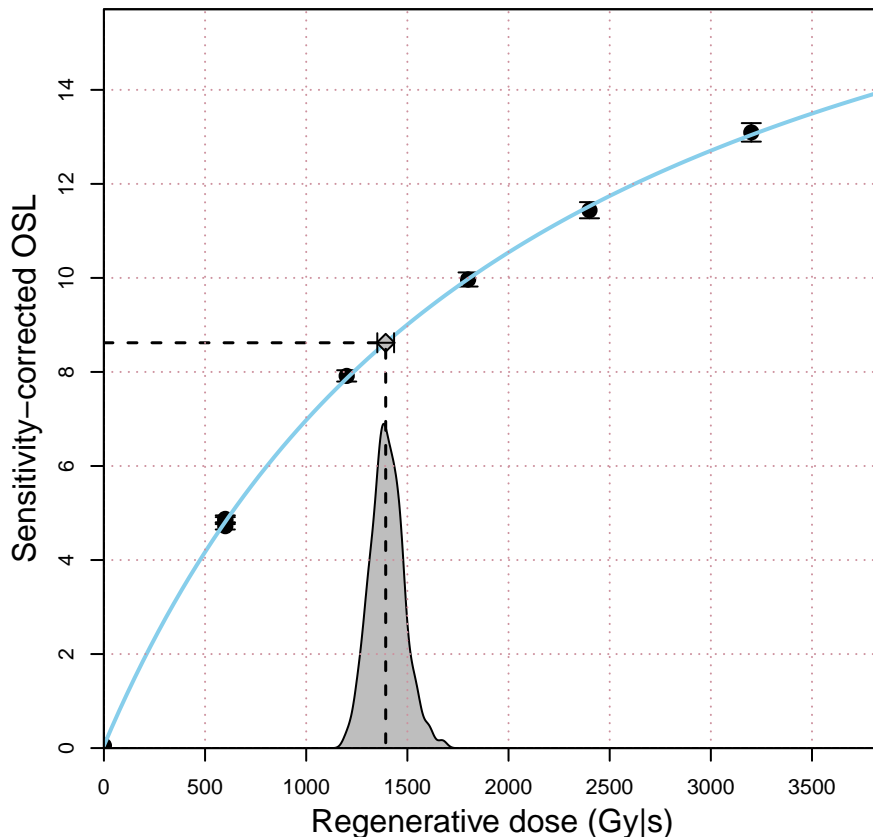
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=68, Position=1, Grain=68]
=====

Status: OK
=====

Tn: 7932 +/- 182.57
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 51.85 +/- 4.19
RSE of Tn: 2.3 (%)
Fast ratio of Tn: NA +/- NA
=====

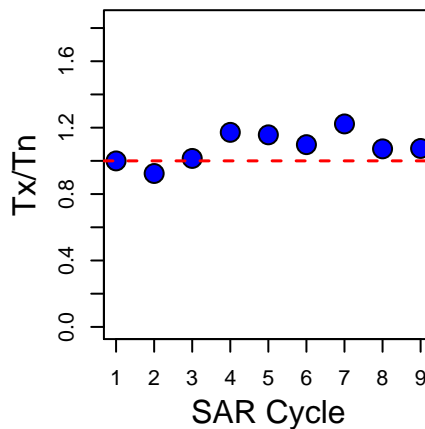
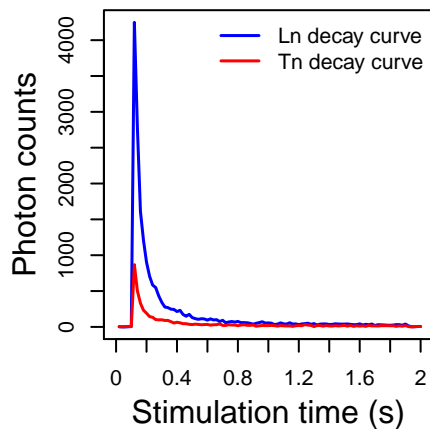
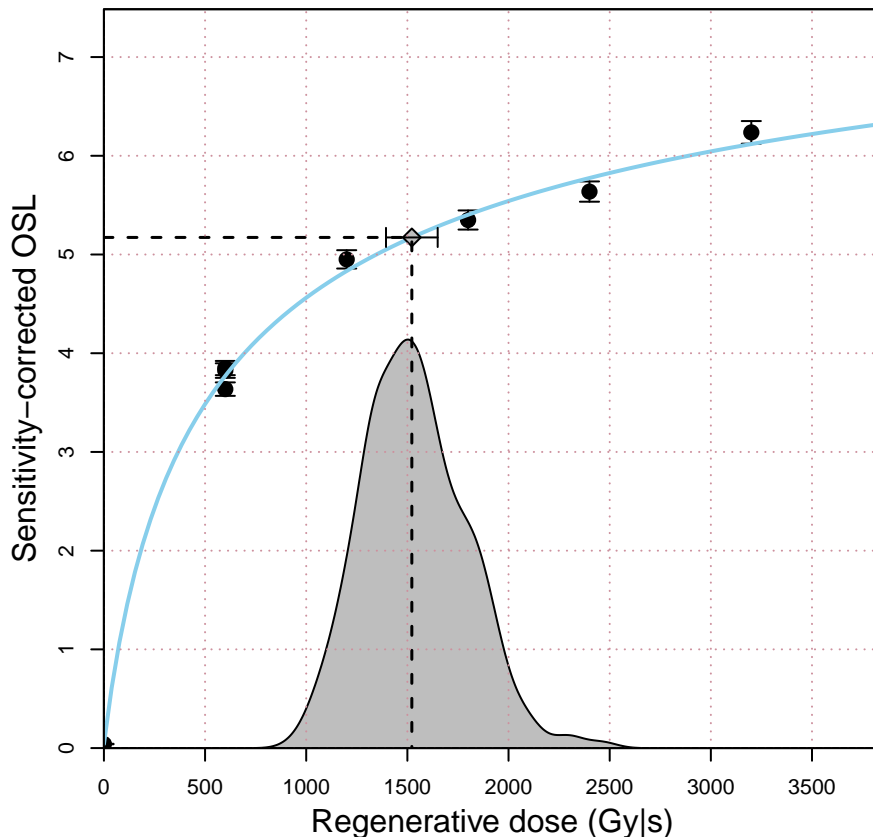
Recycling ratio 1: 1.01 +/- 0.04
Recycling ratio 2: 0.98 +/- 0.04
Recycling ratio 3: 0.97 +/- 0.04
=====

Recuperation 1: 0.61 +/- 0.04 (%)
Recuperation 2: 0.4 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 0.75
Average error in fit: 0.02
Reduced Chi-Square: 0.25
Figure Of Merit: 0.67 (%)
=====

calED method: Interpolation
MC acceptance-rate: 86.51 (%)
ED: 1392.83 +/- 82.86 (Gy/s)
RSE of ED: 5.95 (%)
95% interval: [1248.99, 1573.57]
68% interval: [1317.02, 1476.01]

Summary



ID: [NO=69, Position=1, Grain=69]

Status: OK

Tn: 2048 \pm 61.93

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.05 \pm 3.46

RSE of Tn: 3.02 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.95 \pm 0.05

Recycling ratio 2: 1.01 \pm 0.05

Recycling ratio 3: 1.06 \pm 0.06

Recuperation 1: 0.79 \pm 0.11 (%)

Recuperation 2: 0.66 \pm 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2.6

Average error in fit: 0.03

Reduced Chi-Square: 0.87

Figure Of Merit: 2.07 (%)

calED method: Interpolation

MC acceptance-rate: 97.28 (%)

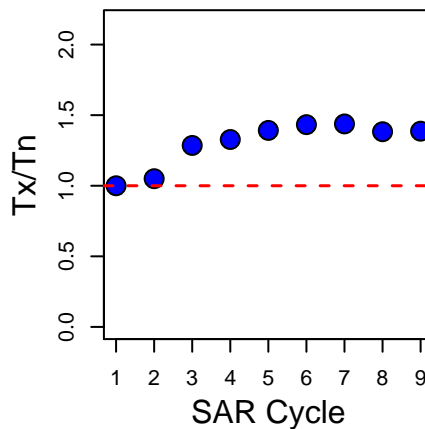
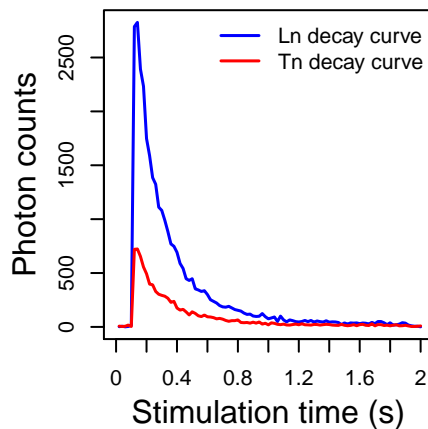
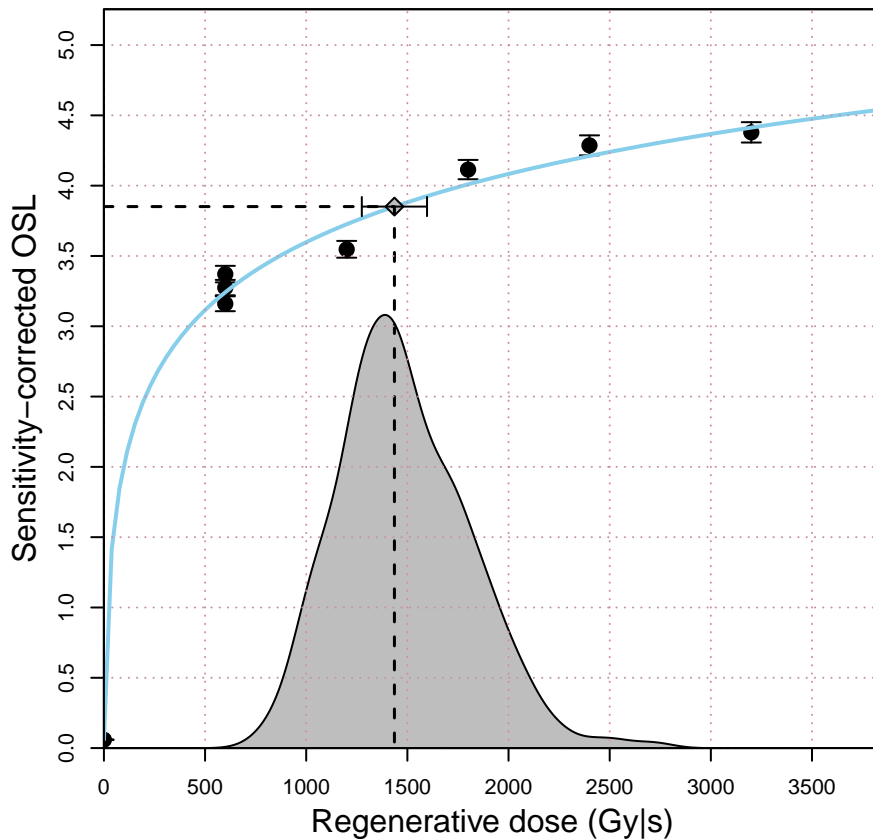
ED: 1522 \pm 255.49 (Gy/s)

RSE of ED: 16.79 (%)

95% interval: [1086.64, 2065.54]

68% interval: [1294.08, 1807]

Summary



ID: [NO=70, Position=1, Grain=70]

Status: OK

Tn: 3069 \pm 83.38

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 40.86 \pm 4.71

RSE of Tn: 2.72 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.94 \pm 0.05

Recycling ratio 2: 0.97 \pm 0.05

Recycling ratio 3: 1.04 \pm 0.05

Recuperation 1: 1.55 \pm 0.13 (%)

Recuperation 2: 1.36 \pm 0.12 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.04

Average error in fit: 0.03

Reduced Chi-Square: 1.68

Figure Of Merit: 2.44 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

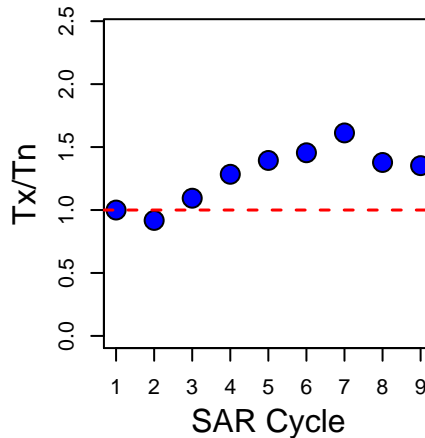
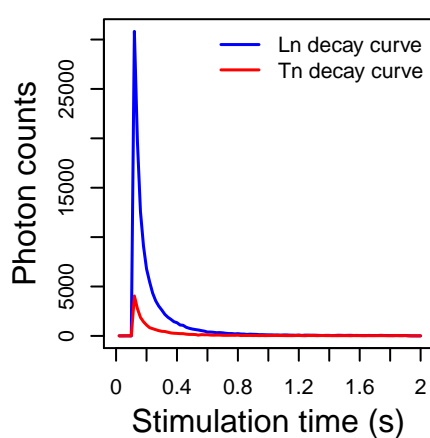
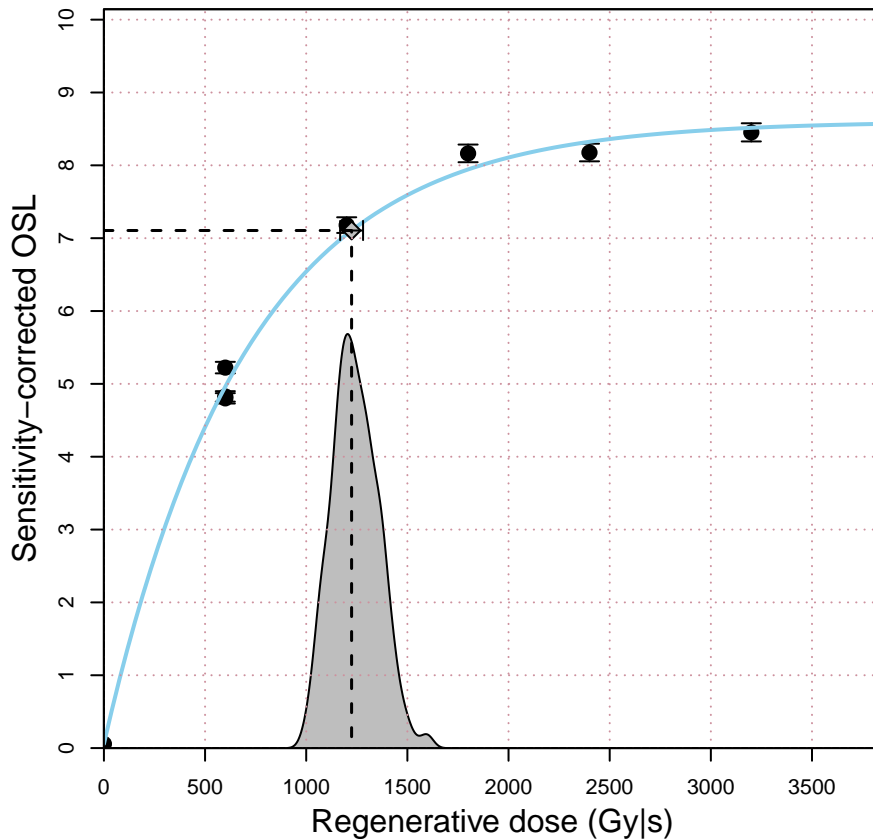
ED: 1435.96 \pm 322.42 (Gy/s)

RSE of ED: 22.45 (%)

95% interval: [949, 2149.32]

68% interval: [1178.46, 1800.91]

Summary



ID: [NO=71, Position=1, Grain=71]

Status: OK

Tn: 11089.5 +/- 245.89

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 92.27 +/- 8.42

RSE of Tn: 2.22 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.04

Recuperation 1: 0.82 +/- 0.04 (%)

Recuperation 2: 0.69 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.48

Average error in fit: 0.06

Reduced Chi-Square: 2.16

Figure Of Merit: 2.38 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

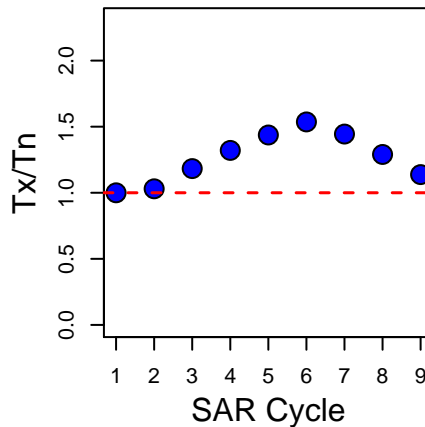
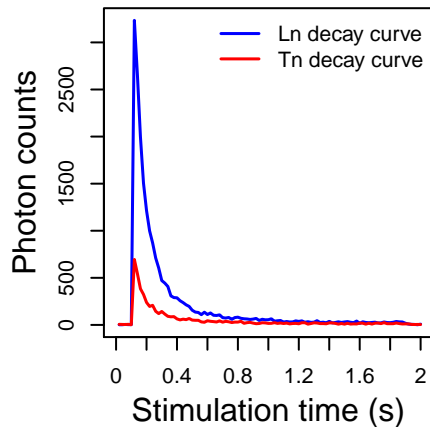
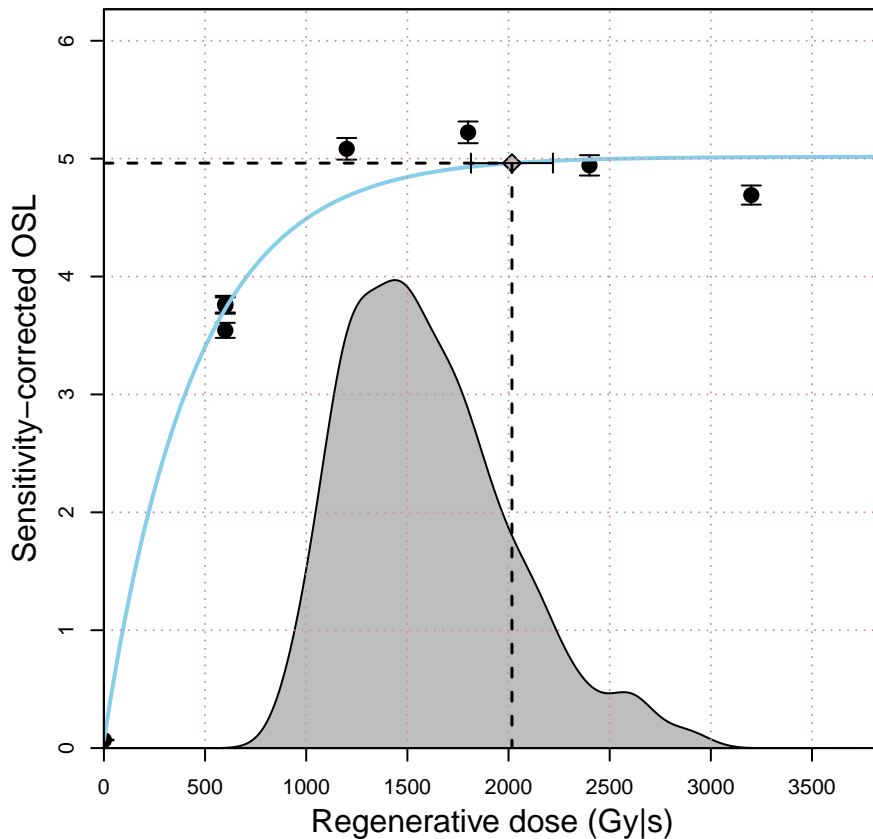
ED: 1224.35 +/- 113.35 (Gy/s)

RSE of ED: 9.26 (%)

95% interval: [1047.17, 1473.39]

68% interval: [1132.54, 1361.97]

Summary



ID: [NO=72, Position=1, Grain=72]

Status: OK

Tn: 2110 \pm 63.28

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.76 \pm 3.36

RSE of Tn: 3 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.94 \pm 0.05

Recycling ratio 2: 1 \pm 0.05

Recycling ratio 3: 1.06 \pm 0.05

Recuperation 1: 1.38 \pm 0.14 (%)

Recuperation 2: 1.31 \pm 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 13.57

Average error in fit: 0.08

Reduced Chi-Square: 4.52

Figure Of Merit: 4.27 (%)

calED method: Interpolation

MC acceptance-rate: 50.4 (%)

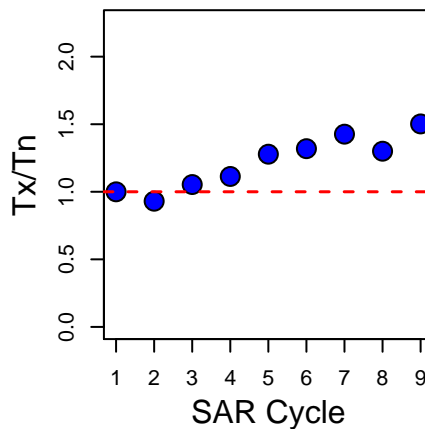
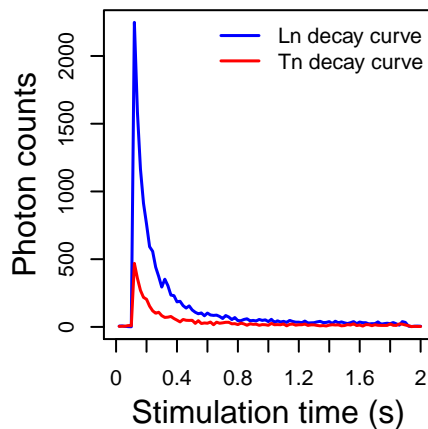
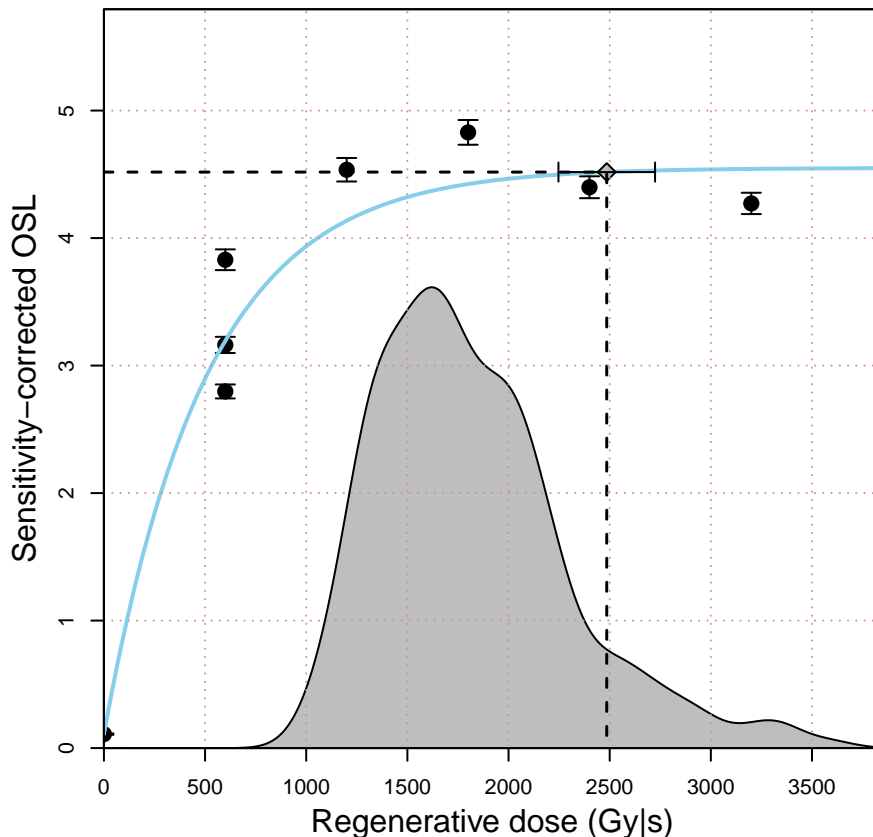
ED: 2016.81 \pm 405.2 (Gy/s)

RSE of ED: 20.09 (%)

95% interval: [981.96, 2599.07]

68% interval: [1201.22, 2001.65]

Summary



ID: [NO=73, Position=1, Grain=73]

Status: OK

Tn: 1447 +/- 48.93

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 20.82 +/- 2.49

RSE of Tn: 3.38 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.83 +/- 0.05

Recycling ratio 2: 0.73 +/- 0.04

Recycling ratio 3: 0.88 +/- 0.05

Recuperation 1: 2.42 +/- 0.27 (%)

Recuperation 2: 2.27 +/- 0.25 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 40.56

Average error in fit: 0.12

Reduced Chi-Square: 13.52

Figure Of Merit: 8.25 (%)

calED method: Interpolation

MC acceptance-rate: 63.78 (%)

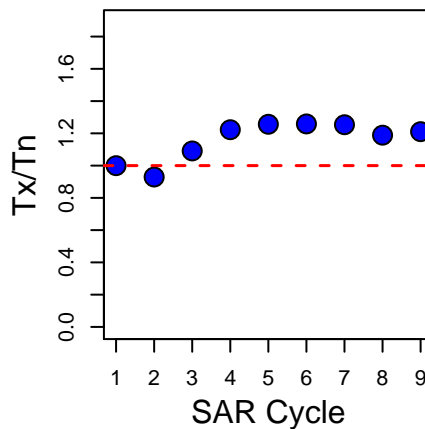
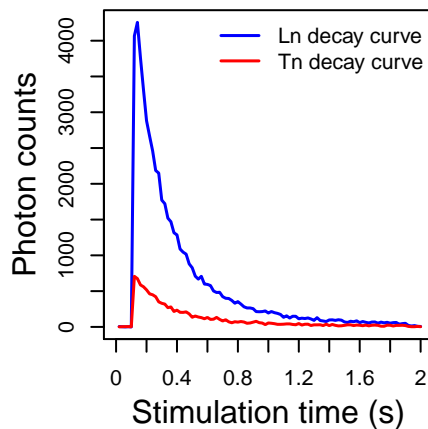
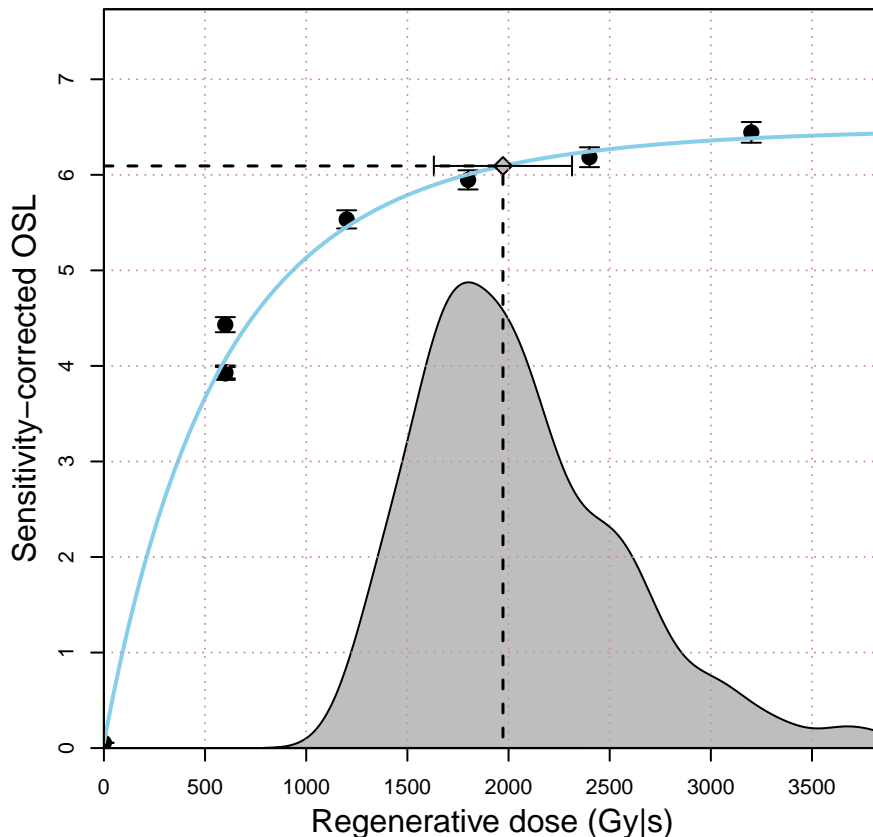
ED: 2485.46 +/- 477.59 (Gy/s)

RSE of ED: 19.22 (%)

95% interval: [1137.45, 3003.77]

68% interval: [1360.62, 2229.45]

Summary



ID: [NO=74, Position=1, Grain=74]

Status: OK

Tn: 2955.5 +/- 81.17

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.95 +/- 3.48

RSE of Tn: 2.75 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 0.91 +/- 0.09 (%)

Recuperation 2: 0.86 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.88

Average error in fit: 0.05

Reduced Chi-Square: 2.63

Figure Of Merit: 2.47 (%)

calED method: Interpolation

MC acceptance-rate: 93.11 (%)

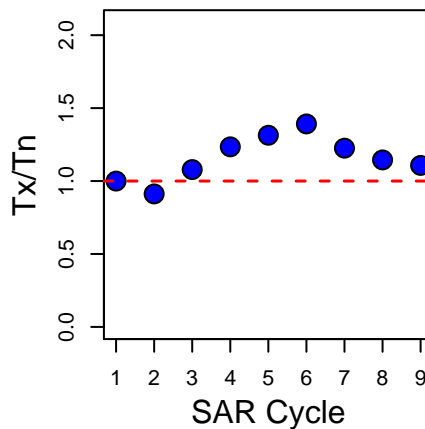
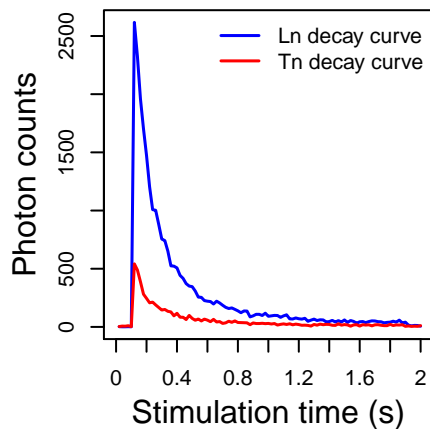
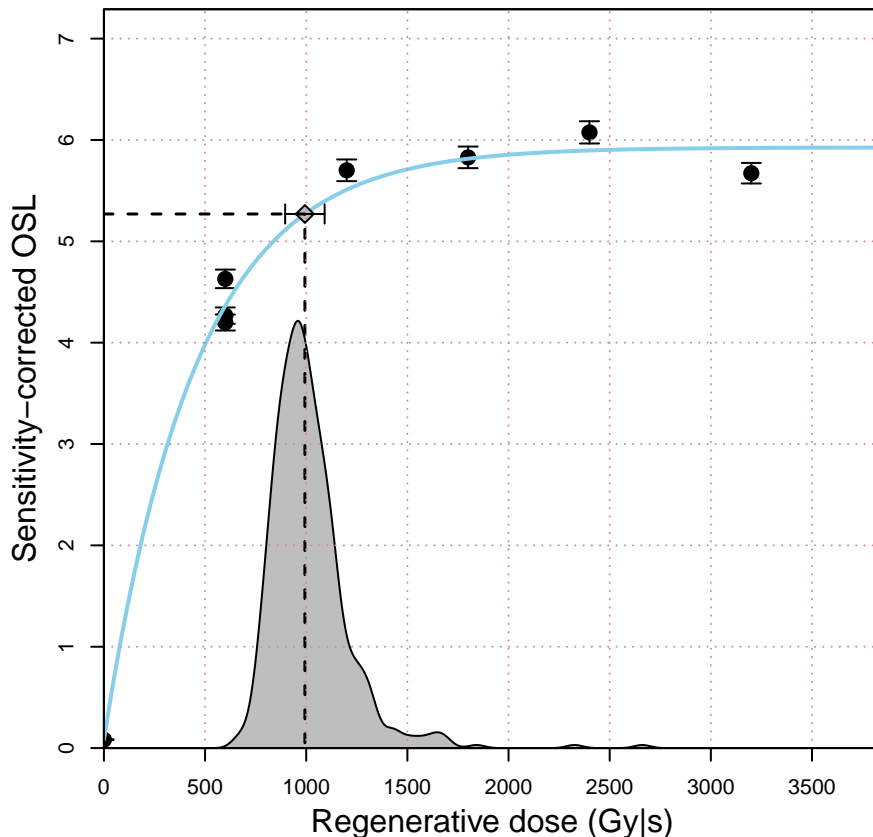
ED: 1972.44 +/- 683.02 (Gy/s)

RSE of ED: 34.63 (%)

95% interval: [1323.26, 3705.29]

68% interval: [1596.56, 2585.25]

Summary



ID: [NO=75, Position=1, Grain=75]

Status: OK

Tn: 1872 +/- 58.17

Ratio of Tn to BG: 26.64 +/- 3.18

RSE of Tn: 3.11 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 1.02 +/- 0.05

Recuperation 1: 1.57 +/- 0.16 (%)

Recuperation 2: 1.36 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.54

Average error in fit: 0.06

Reduced Chi-Square: 2.18

Figure Of Merit: 3.2 (%)

calED method: Interpolation

MC acceptance-rate: 99.21 (%)

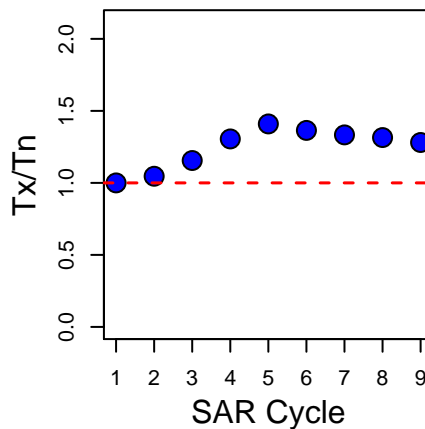
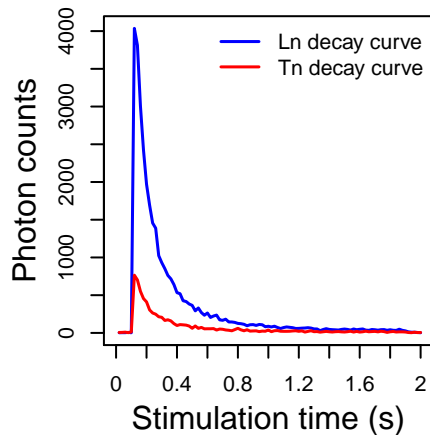
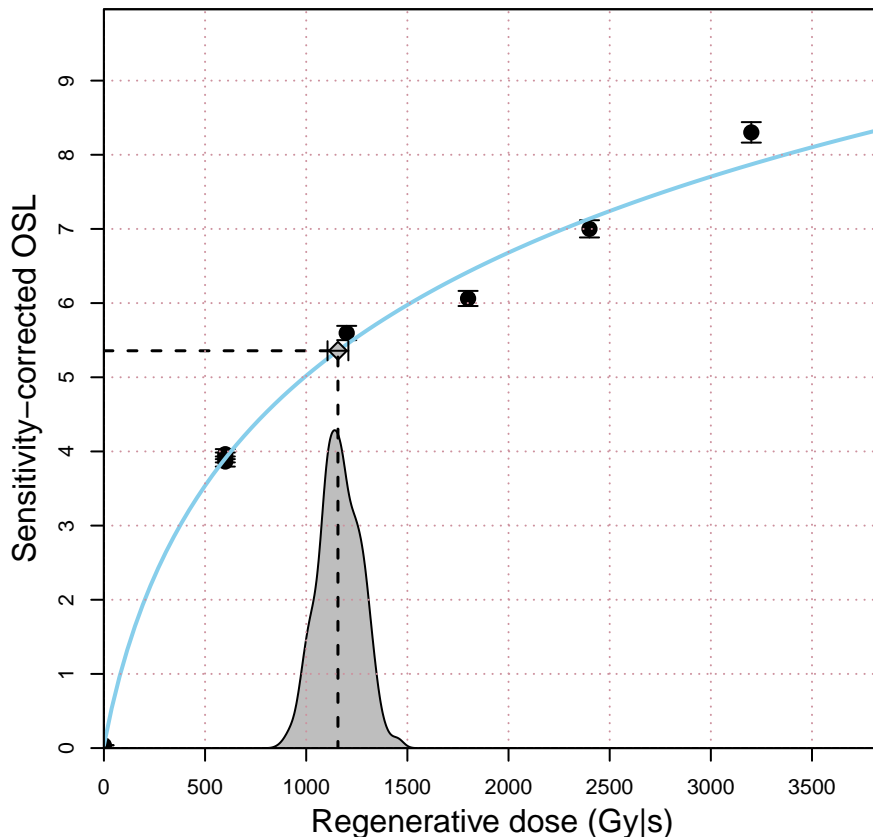
ED: 993.53 +/- 195.06 (Gy/s)

RSE of ED: 19.63 (%)

95% interval: [769.84, 1500.54]

68% interval: [860.11, 1147.64]

Summary



ID: [NO=76, Position=1, Grain=76]

Status: OK

Tn: 2811 +/- 77.98

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 39.51 +/- 4.68

RSE of Tn: 2.77 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.01 +/- 0.05

Recycling ratio 2: 1.03 +/- 0.05

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.71 +/- 0.09 (%)

Recuperation 2: 0.46 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.79

Average error in fit: 0.08

Reduced Chi-Square: 2.26

Figure Of Merit: 3.08 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

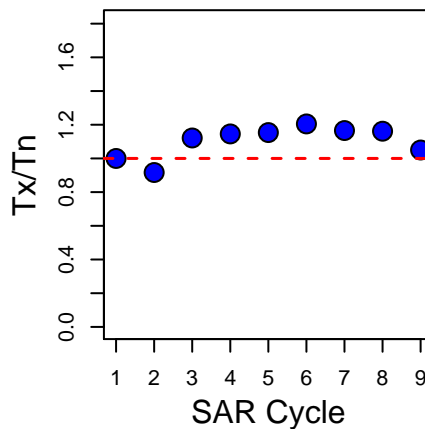
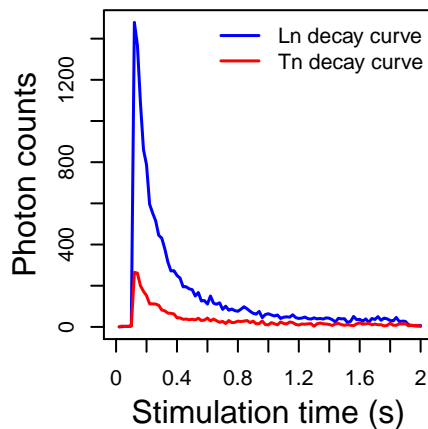
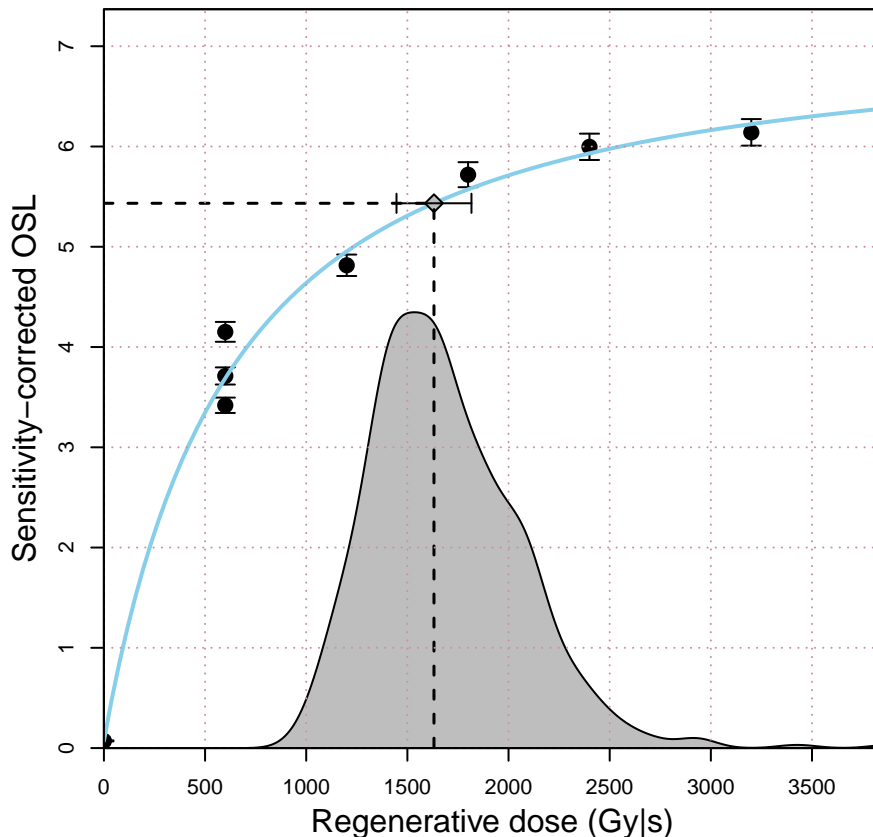
ED: 1156.76 +/- 103.06 (Gy/s)

RSE of ED: 8.91 (%)

95% interval: [970.44, 1352.18]

68% interval: [1064.3, 1273.28]

Summary



ID: [NO=77, Position=1, Grain=77]

Status: OK

Tn: 995 +/- 38.41

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 18.77 +/- 2.57

RSE of Tn: 3.86 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.82 +/- 0.05

Recycling ratio 2: 0.89 +/- 0.06

Recycling ratio 3: 1.09 +/- 0.07

Recuperation 1: 1.32 +/- 0.2 (%)

Recuperation 2: 1.17 +/- 0.18 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 9.48

Average error in fit: 0.07

Reduced Chi-Square: 3.16

Figure Of Merit: 3.51 (%)

calED method: Interpolation

MC acceptance-rate: 99.6 (%)

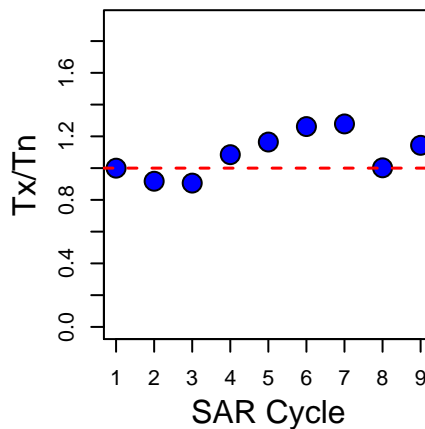
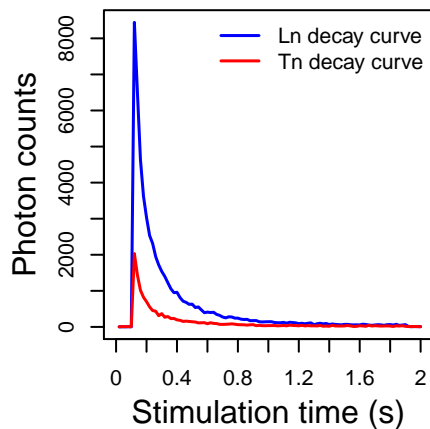
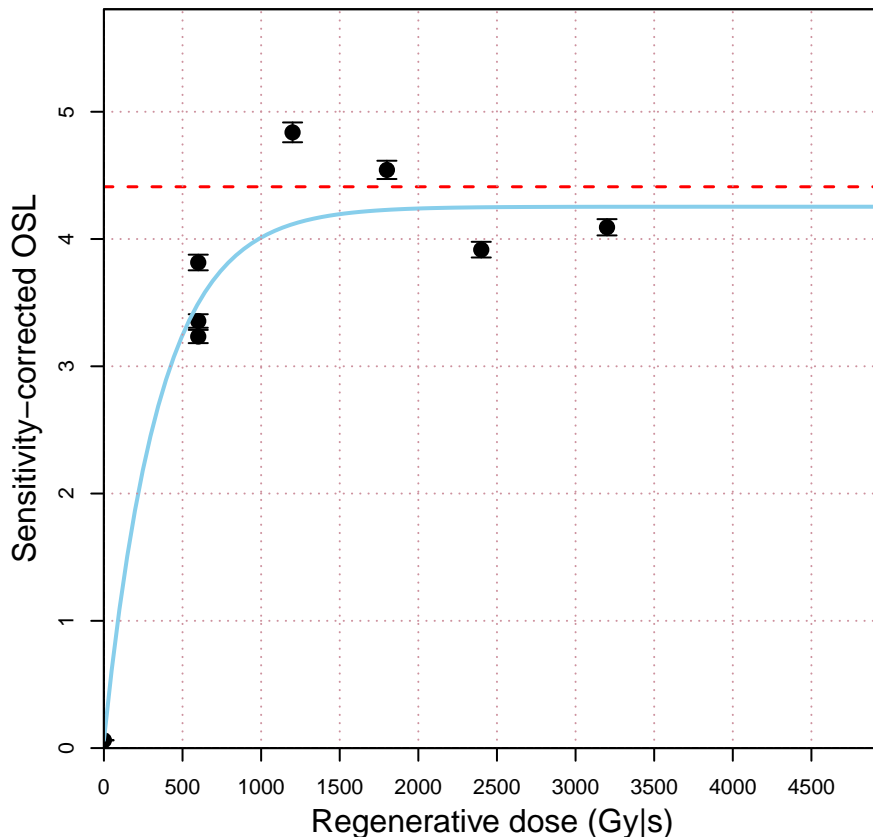
ED: 1631.46 +/- 370.51 (Gy/s)

RSE of ED: 22.71 (%)

95% interval: [1129.66, 2474.41]

68% interval: [1352.21, 2064.81]

Summary



ID: [NO=78, Position=1, Grain=78]

Status: Ln/Tn saturated

Tn: 5885 \pm 141.15

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 48.85 \pm 4.45

RSE of Tn: 2.4 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.85 \pm 0.04

Recycling ratio 2: 0.88 \pm 0.04

Recycling ratio 3: 1.04 \pm 0.05

Recuperation 1: 1.4 \pm 0.1 (%)

Recuperation 2: 1.28 \pm 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 49.98

Average error in fit: 0.12

Reduced Chi-Square: 16.66

Figure Of Merit: 8.22 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

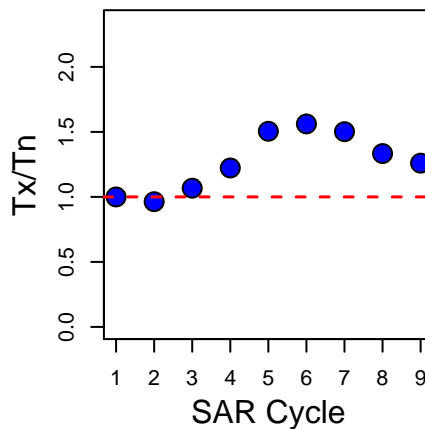
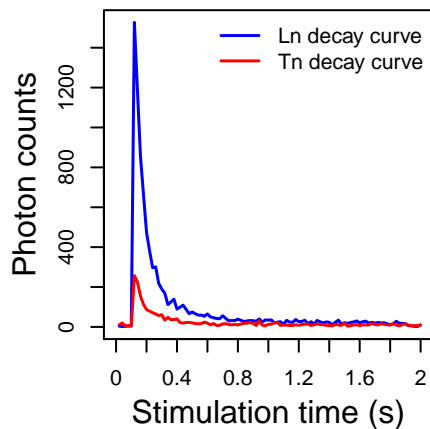
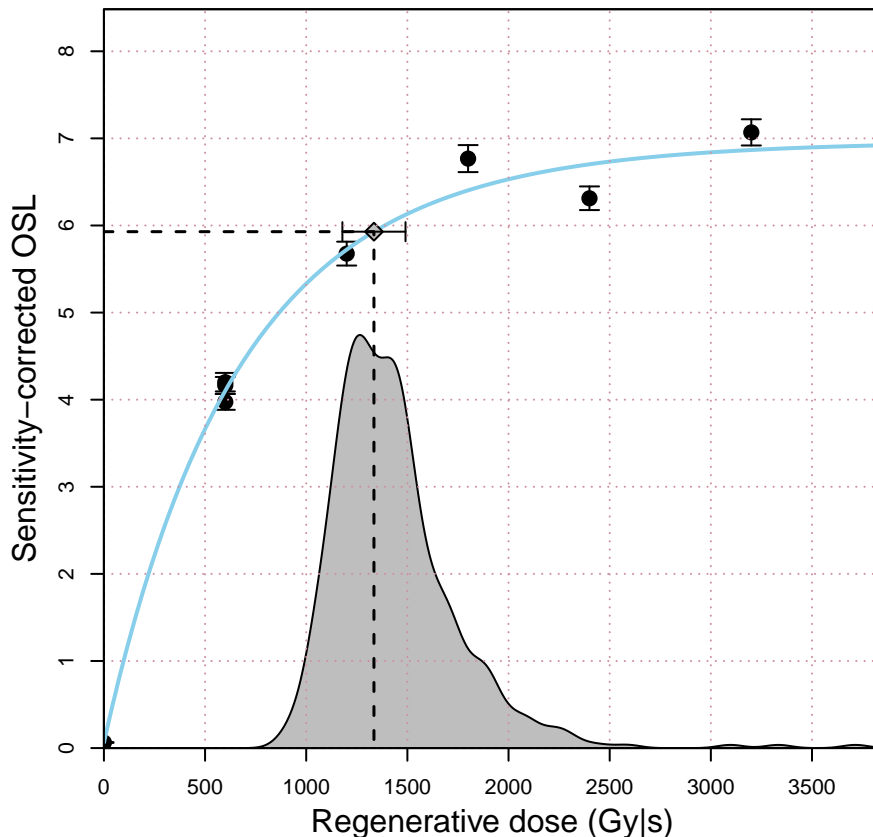
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=80, Position=1, Grain=80]

Status: OK

Tn: 779 +/- 33.32

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 14.2 +/- 1.91

RSE of Tn: 4.28 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.06

Recycling ratio 2: 0.99 +/- 0.07

Recycling ratio 3: 1.05 +/- 0.07

Recuperation 1: 1.08 +/- 0.17 (%)

Recuperation 2: 0.91 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.75

Average error in fit: 0.07

Reduced Chi-Square: 1.58

Figure Of Merit: 3.39 (%)

calED method: Interpolation

MC acceptance-rate: 99.01 (%)

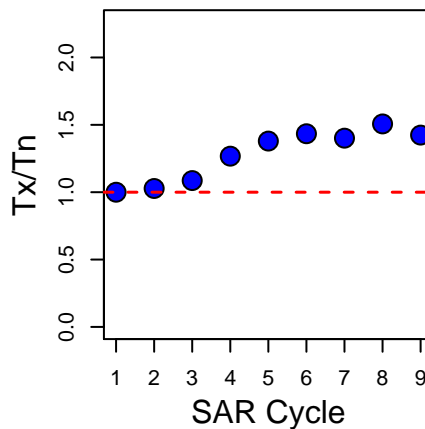
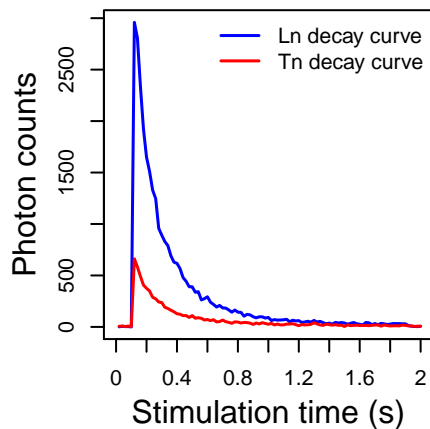
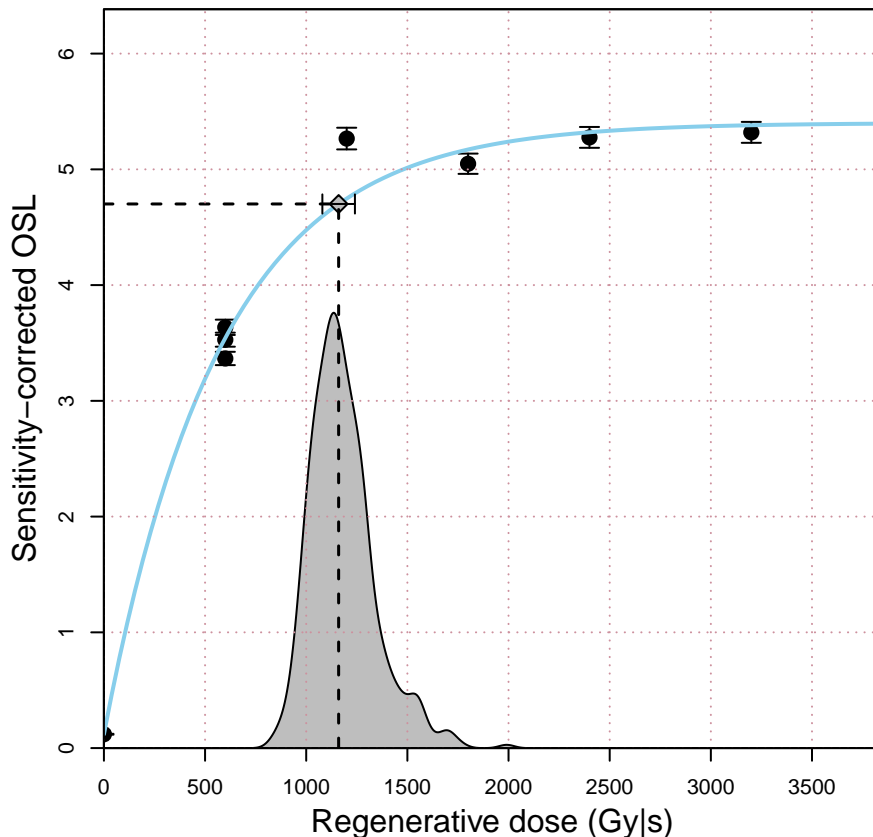
ED: 1334.75 +/- 312 (Gy/s)

RSE of ED: 23.37 (%)

95% interval: [1031.88, 2142.21]

68% interval: [1173.54, 1683.2]

Summary



ID: [NO=81, Position=1, Grain=81]

Status: OK

Tn: 2451 +/- 70.38

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 38.14 +/- 4.76

RSE of Tn: 2.87 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 0.97 +/- 0.05

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 2.54 +/- 0.19 (%)

Recuperation 2: 2.25 +/- 0.16 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.2

Average error in fit: 0.07

Reduced Chi-Square: 3.73

Figure Of Merit: 3.29 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

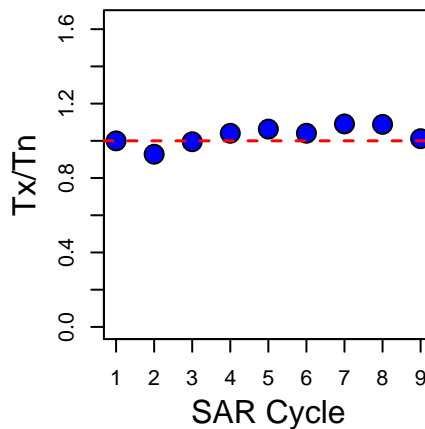
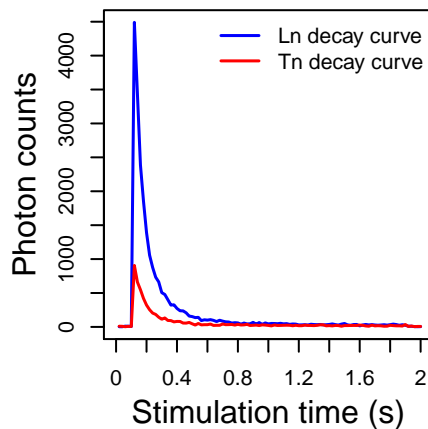
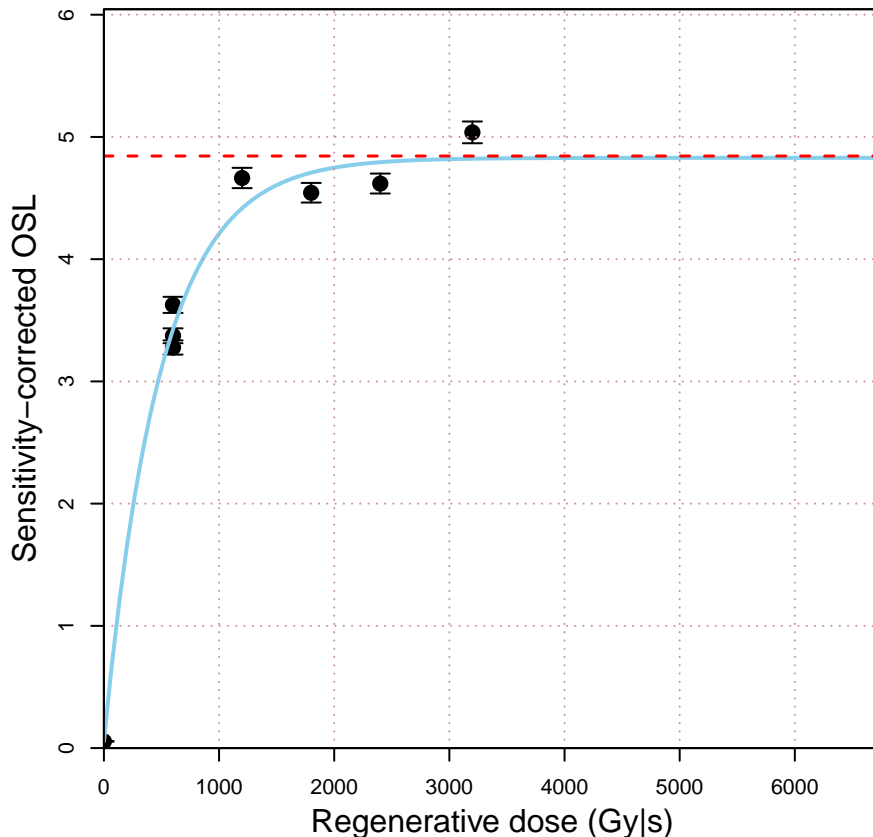
ED: 1160.29 +/- 160.92 (Gy/s)

RSE of ED: 13.87 (%)

95% interval: [939.44, 1560.43]

68% interval: [1033.32, 1311.05]

Summary



ID: [NO=82, Position=1, Grain=82]

Status: Ln/Tn saturated

Tn: 2768 +/- 77.24

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.1 +/- 3.46

RSE of Tn: 2.79 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.05

Recycling ratio 2: 0.93 +/- 0.05

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 1.14 +/- 0.14 (%)

Recuperation 2: 1.09 +/- 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10

Average error in fit: 0.06

Reduced Chi-Square: 3.33

Figure Of Merit: 4.14 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

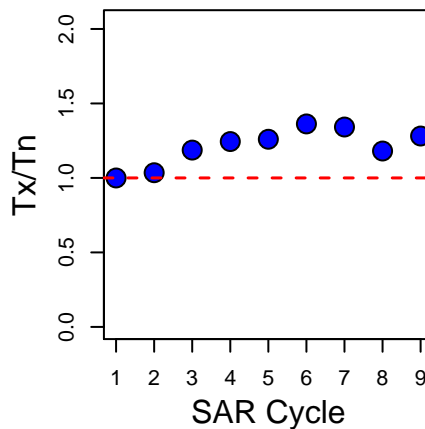
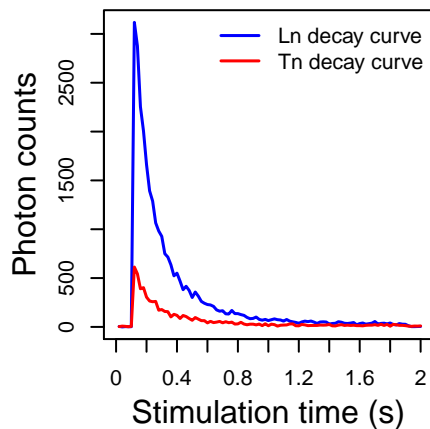
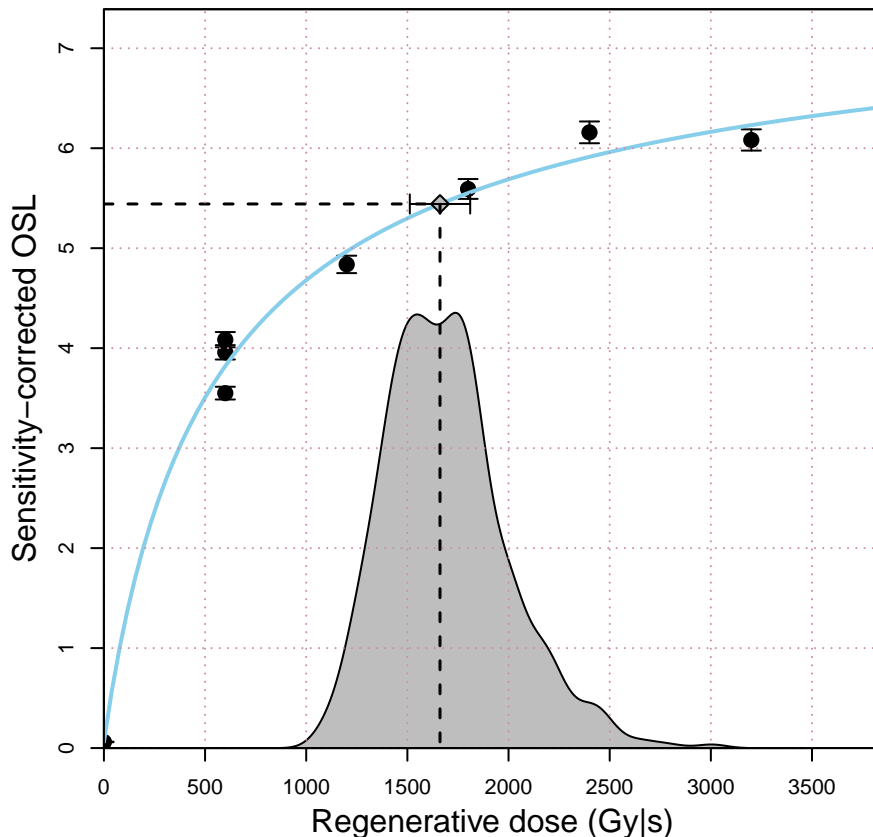
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=83, Position=1, Grain=83]

Status: OK

Tn: 2161 +/- 64.55

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.49 +/- 2.6

RSE of Tn: 2.99 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.05

Recycling ratio 2: 0.87 +/- 0.04

Recycling ratio 3: 0.9 +/- 0.05

Recuperation 1: 1.12 +/- 0.12 (%)

Recuperation 2: 0.99 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.78

Average error in fit: 0.06

Reduced Chi-Square: 3.59

Figure Of Merit: 3.61 (%)

calED method: Interpolation

MC acceptance-rate: 97.09 (%)

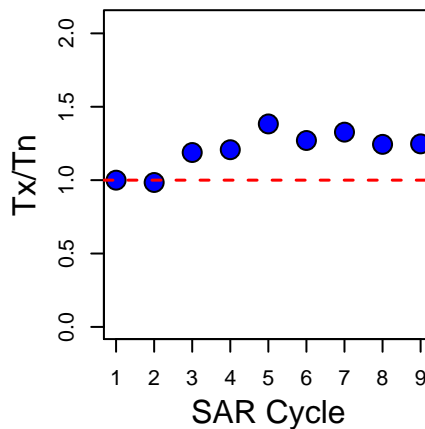
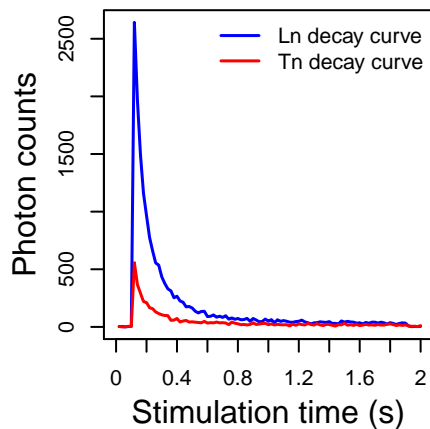
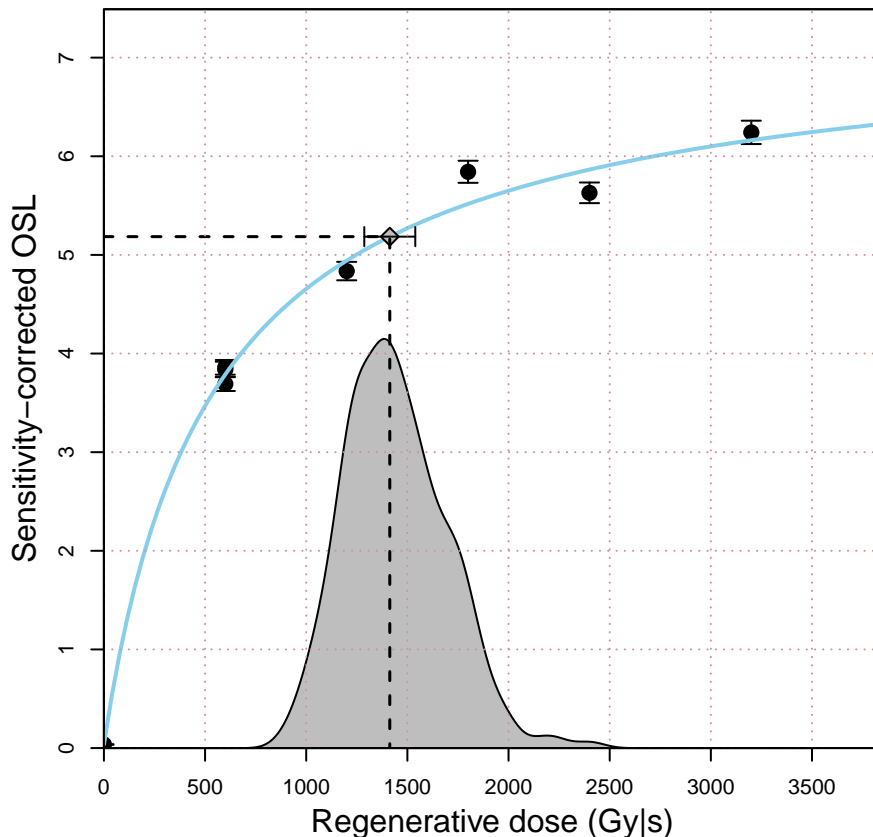
ED: 1661.26 +/- 298.4 (Gy/s)

RSE of ED: 17.96 (%)

95% interval: [1219.02, 2415.1]

68% interval: [1417.29, 1984.47]

Summary



ID: [NO=84, Position=1, Grain=84]

Status: OK

Tn: 1556.5 +/- 51.6

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 18.01 +/- 1.93

RSE of Tn: 3.32 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.01 +/- 0.06

Recycling ratio 2: 0.96 +/- 0.05

Recycling ratio 3: 0.96 +/- 0.05

Recuperation 1: 0.7 +/- 0.13 (%)

Recuperation 2: 0.59 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.61

Average error in fit: 0.06

Reduced Chi-Square: 1.54

Figure Of Merit: 2.85 (%)

calED method: Interpolation

MC acceptance-rate: 95.06 (%)

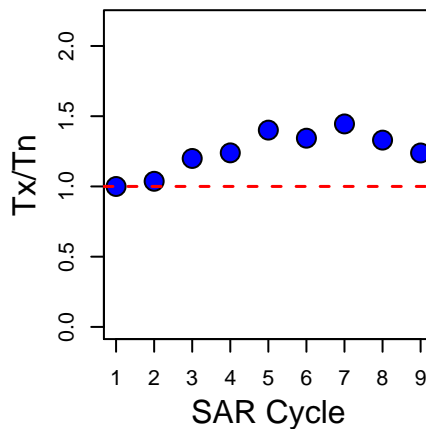
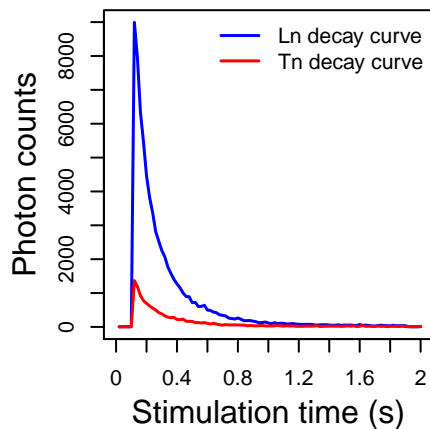
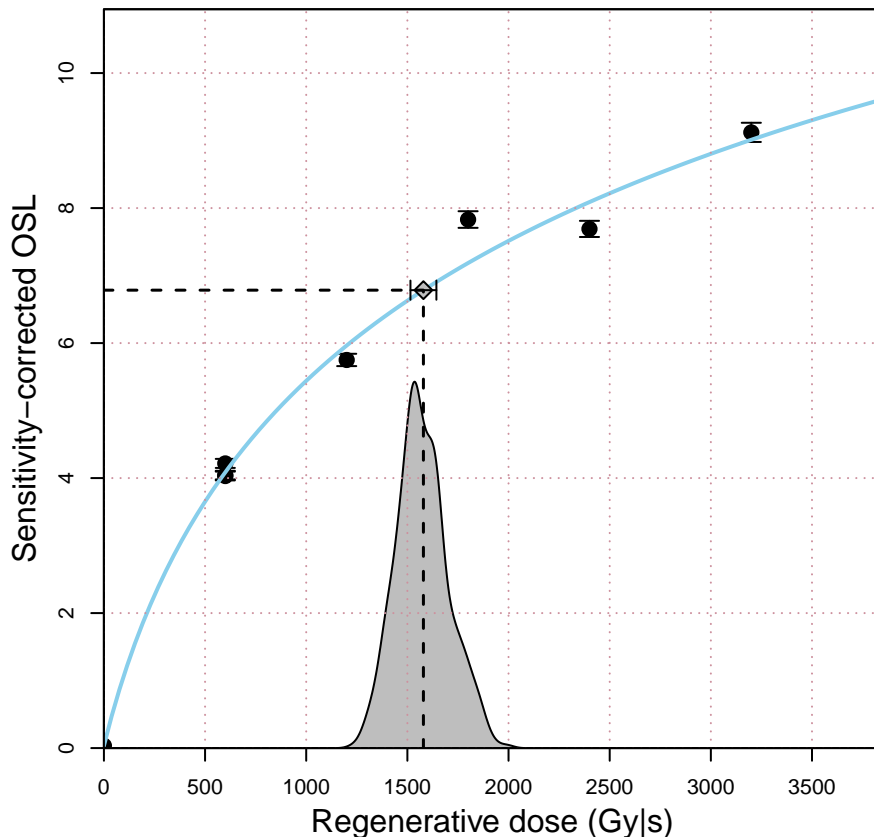
ED: 1413 +/- 251.95 (Gy/s)

RSE of ED: 17.83 (%)

95% interval: [1017.24, 1969.86]

68% interval: [1200.35, 1712.88]

Summary



ID: [NO=85, Position=1, Grain=85]

Status: OK

Tn: 4865.5 +/- 120.25

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 59.27 +/- 6.54

RSE of Tn: 2.47 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1 +/- 0.05

Recycling ratio 2: 1.05 +/- 0.05

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 0.52 +/- 0.04 (%)

Recuperation 2: 0.39 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.37

Average error in fit: 0.1

Reduced Chi-Square: 4.12

Figure Of Merit: 3.75 (%)

calED method: Interpolation

MC acceptance-rate: 87.87 (%)

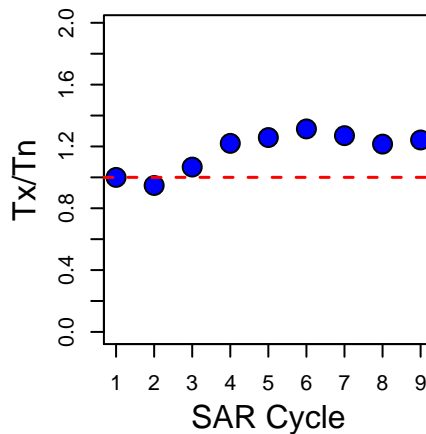
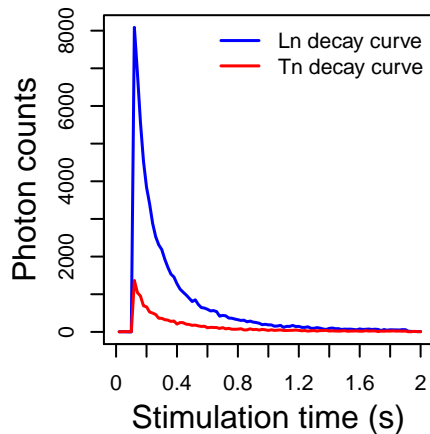
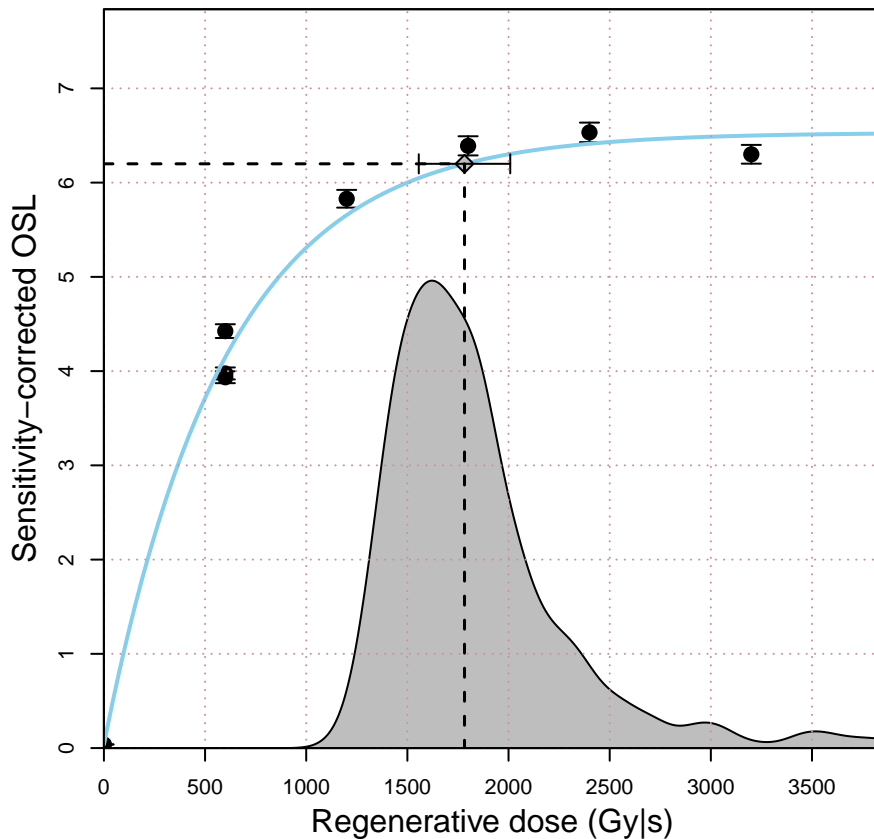
ED: 1579.3 +/- 128.26 (Gy/s)

RSE of ED: 8.12 (%)

95% interval: [1340.1, 1846.09]

68% interval: [1450.28, 1701.52]

Summary



ID: [NO=88, Position=1, Grain=88]

Status: OK

Tn: 4617.5 +/- 115.34

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 45.19 +/- 4.47

RSE of Tn: 2.5 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.62 +/- 0.06 (%)

Recuperation 2: 0.59 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.24

Average error in fit: 0.06

Reduced Chi-Square: 3.75

Figure Of Merit: 3.58 (%)

calED method: Interpolation

MC acceptance-rate: 93.11 (%)

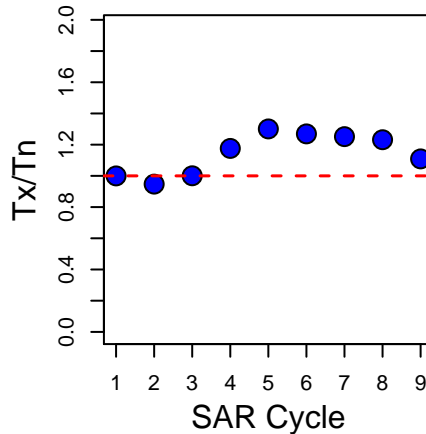
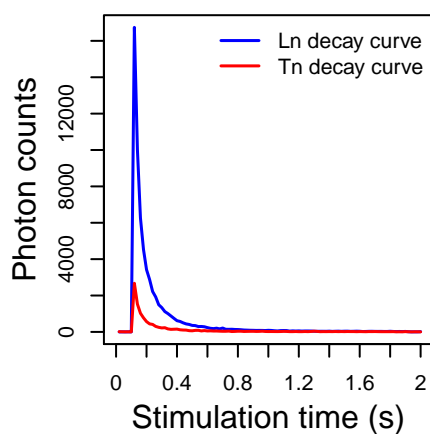
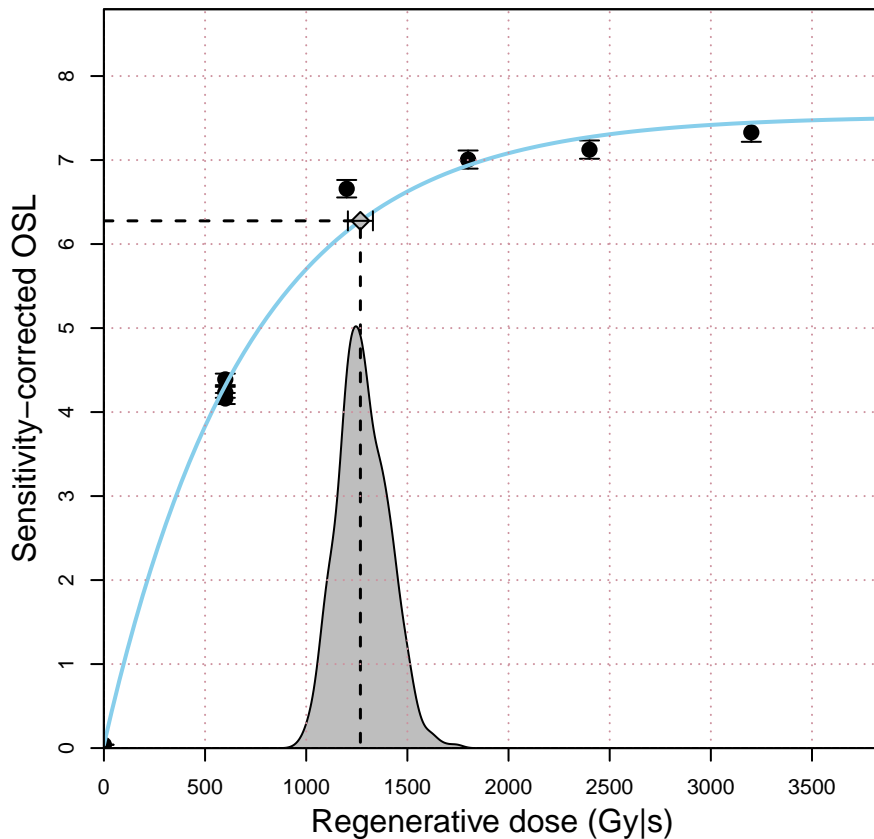
ED: 1782.37 +/- 452.16 (Gy/s)

RSE of ED: 25.37 (%)

95% interval: [1306.77, 3093.19]

68% interval: [1467.95, 2173.48]

Summary



ID: [NO=89, Position=1, Grain=89]
=====

Status: OK
=====

Tn: 6510.5 +/- 153.46
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 114.23 +/- 15.13
RSE of Tn: 2.36 (%)
Fast ratio of Tn: NA +/- NA
=====

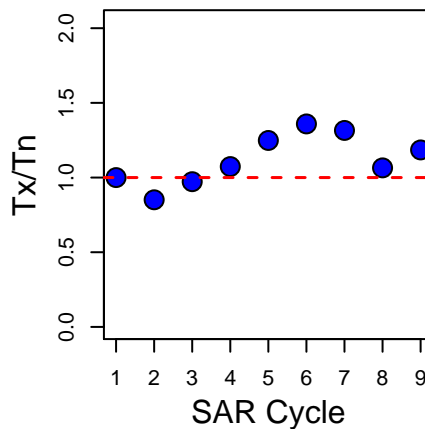
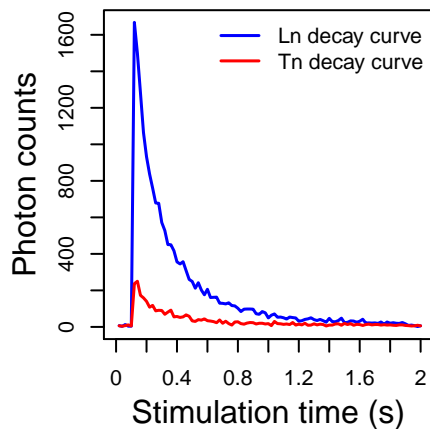
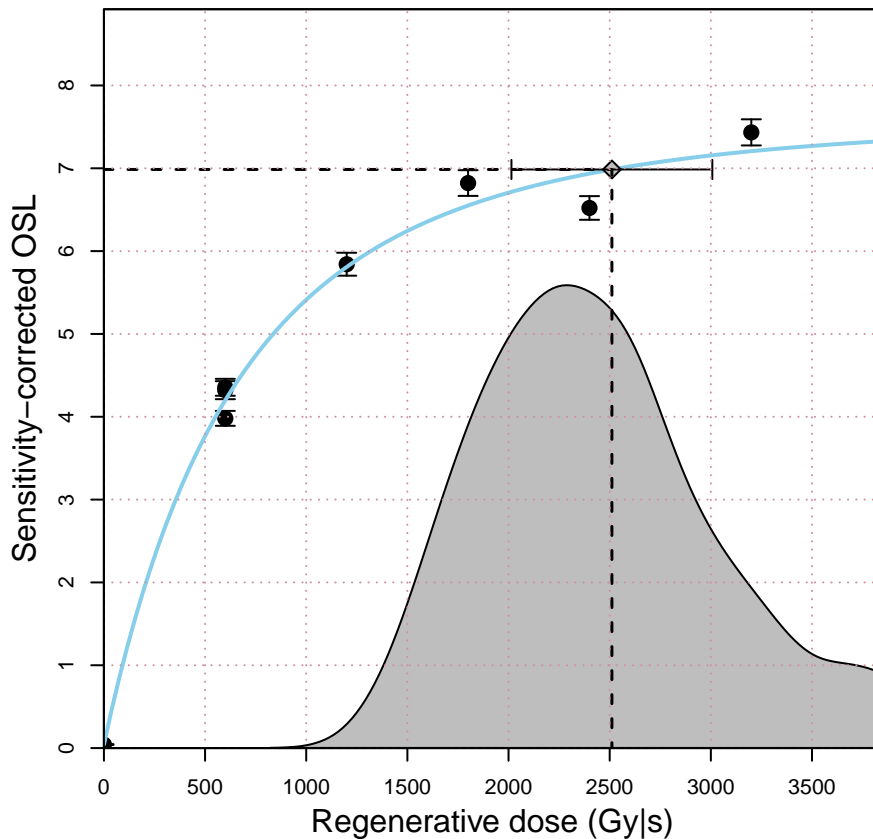
Recycling ratio 1: 1.02 +/- 0.05
Recycling ratio 2: 1.05 +/- 0.05
Recycling ratio 3: 1.04 +/- 0.05
=====

Recuperation 1: 0.64 +/- 0.05 (%)
Recuperation 2: 0.55 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 8.84
Average error in fit: 0.07
Reduced Chi-Square: 2.95
Figure Of Merit: 2.82 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1267.85 +/- 123.67 (Gy/s)
RSE of ED: 9.75 (%)
95% interval: [1064.99, 1529.15]
68% interval: [1167.41, 1409.15]

Summary



ID: [NO=90, Position=1, Grain=90]

Status: OK

Tn: 907.5 +/- 36.25

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 18.62 +/- 2.66

RSE of Tn: 3.99 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.01 +/- 0.07

Recycling ratio 2: 0.92 +/- 0.06

Recycling ratio 3: 0.91 +/- 0.06

Recuperation 1: 0.61 +/- 0.15 (%)

Recuperation 2: 0.57 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.79

Average error in fit: 0.08

Reduced Chi-Square: 1.93

Figure Of Merit: 3.69 (%)

calED method: Interpolation

MC acceptance-rate: 81.83 (%)

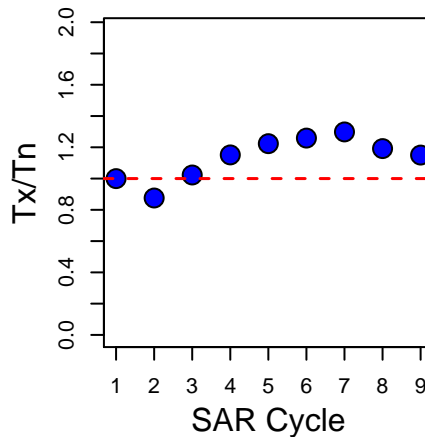
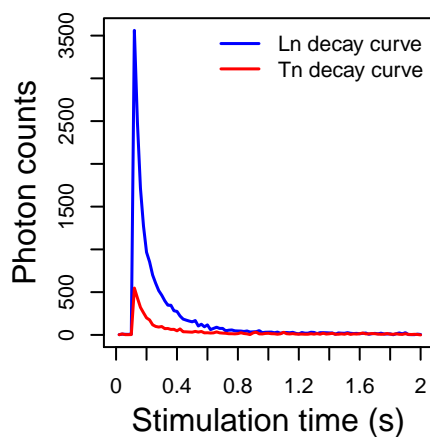
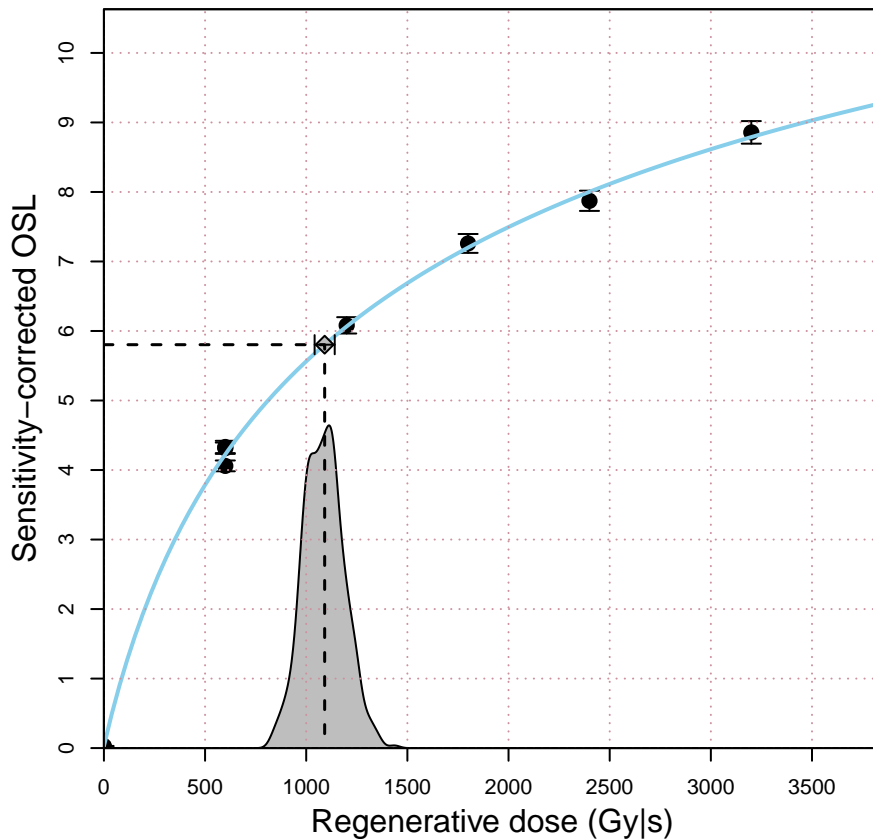
ED: 2510.82 +/- 992.94 (Gy/s)

RSE of ED: 39.55 (%)

95% interval: [1507.86, 5093.65]

68% interval: [1881.5, 3211.21]

Summary



ID: [NO=91, Position=1, Grain=91]

Status: OK

Tn: 1711.5 +/- 54.37

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.29 +/- 5.28

RSE of Tn: 3.18 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1 +/- 0.06

Recycling ratio 2: 0.94 +/- 0.05

Recycling ratio 3: 0.94 +/- 0.05

Recuperation 1: 0.5 +/- 0.09 (%)

Recuperation 2: 0.33 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2.09

Average error in fit: 0.03

Reduced Chi-Square: 0.7

Figure Of Merit: 1.48 (%)

calED method: Interpolation

MC acceptance-rate: 90.25 (%)

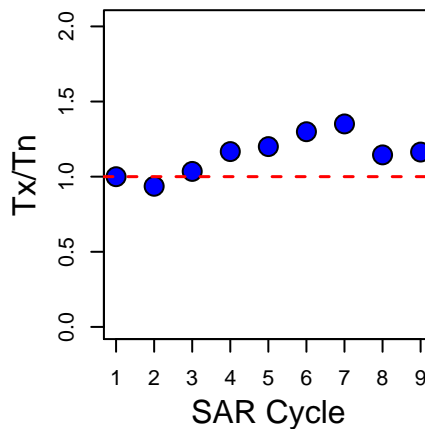
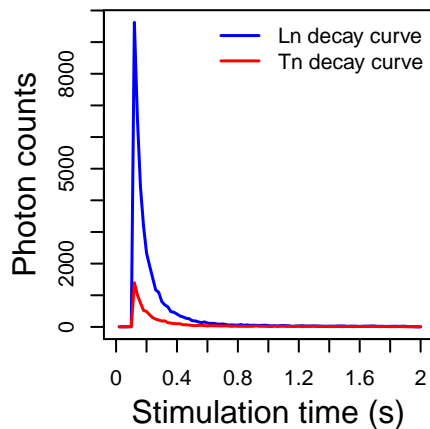
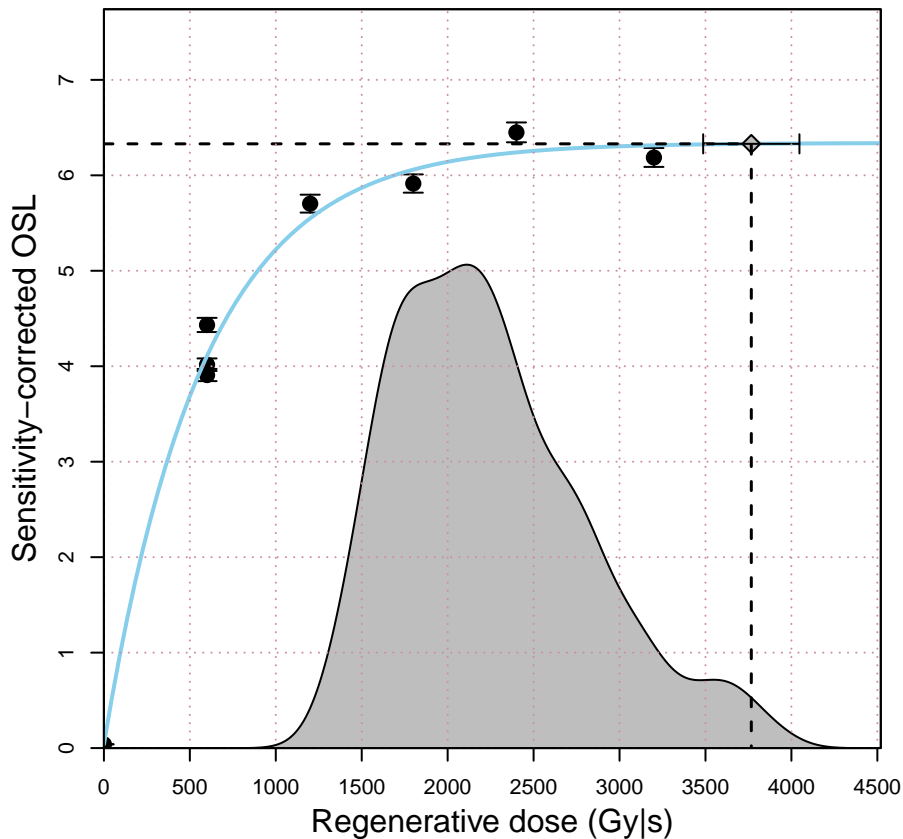
ED: 1091.2 +/- 99.39 (Gy/s)

RSE of ED: 9.11 (%)

95% interval: [898.01, 1293.26]

68% interval: [987.42, 1187.64]

Summary



ID: [NO=92, Position=1, Grain=92]

Status: OK

Tn: 4122.5 +/- 104.88

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 79.52 +/- 11.04

RSE of Tn: 2.54 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 0.97 +/- 0.04

Recuperation 1: 0.62 +/- 0.06 (%)

Recuperation 2: 0.61 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.4

Average error in fit: 0.06

Reduced Chi-Square: 3.47

Figure Of Merit: 3.43 (%)

calED method: Extrapolation

MC acceptance-rate: 50.1 (%)

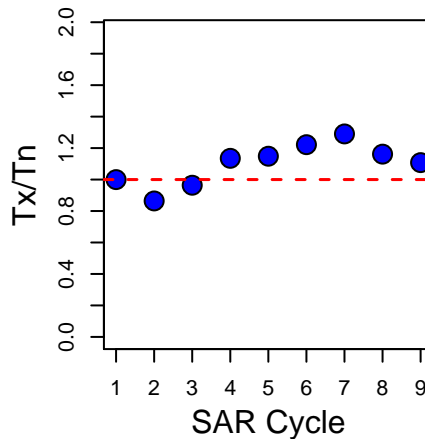
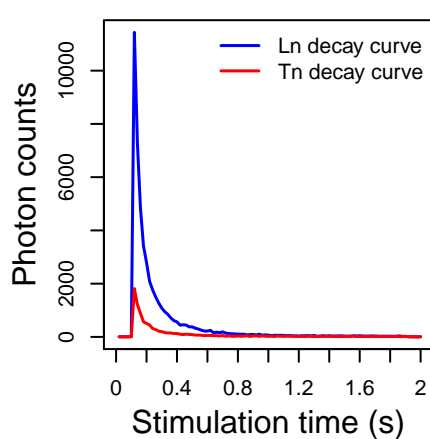
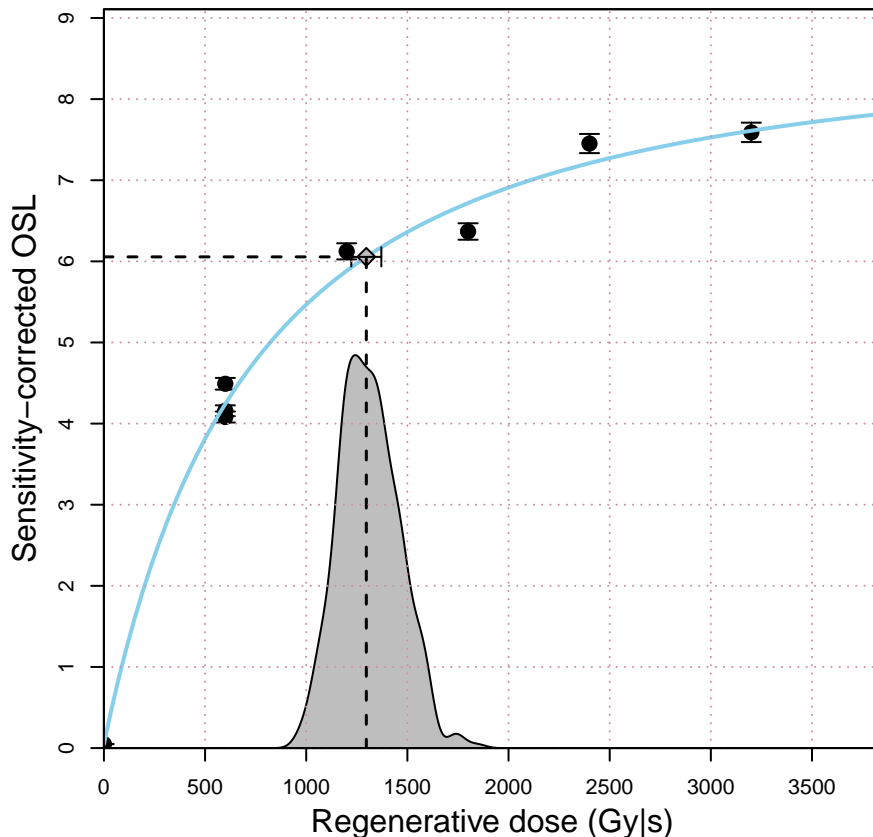
ED: 3766.64 +/- 560.13 (Gy/s)

RSE of ED: 14.87 (%)

95% interval: [1414.18, 3617.7]

68% interval: [1688.36, 2810.13]

Summary



ID: [NO=93, Position=1, Grain=93]
=====

Status: OK
=====

Tn: 4892.5 +/- 120.82
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 56.91 +/- 6.14
RSE of Tn: 2.47 (%)
Fast ratio of Tn: NA +/- NA
=====

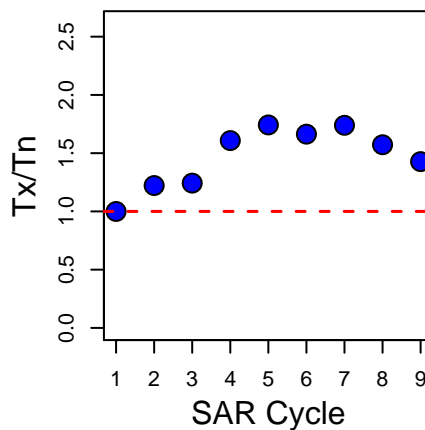
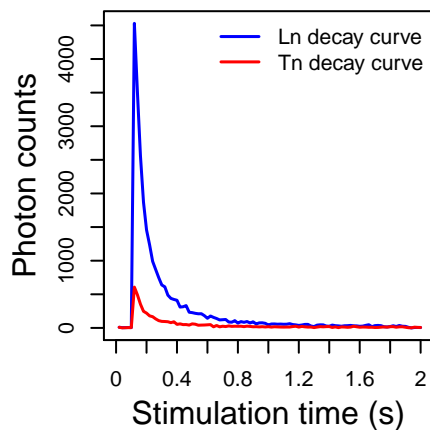
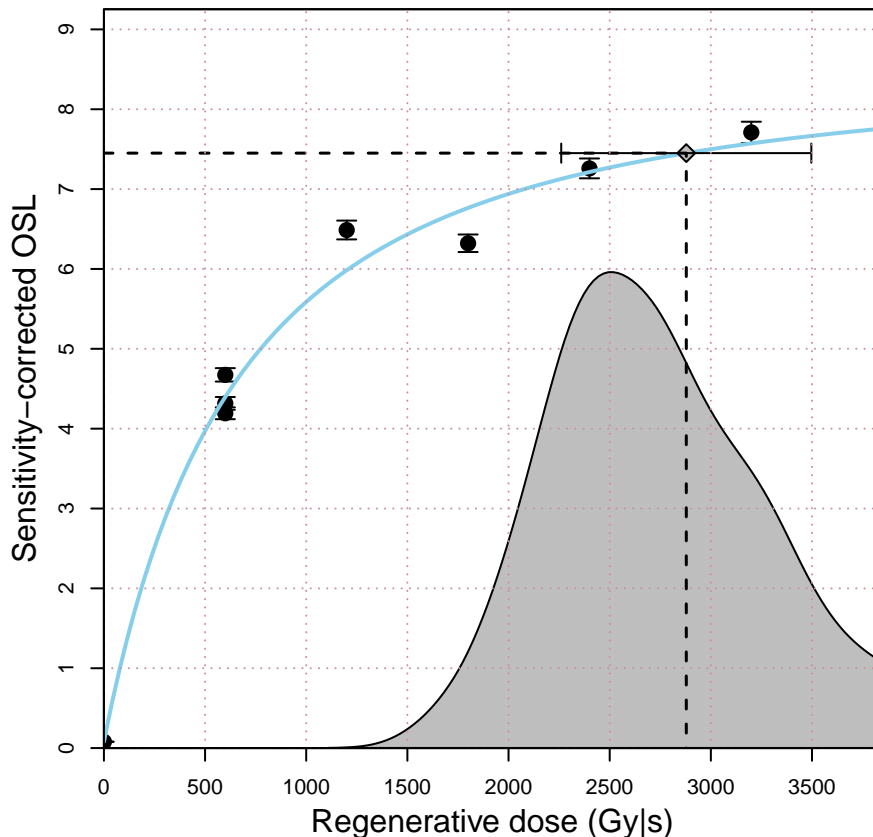
Recycling ratio 1: 1.02 +/- 0.05
Recycling ratio 2: 1.1 +/- 0.05
Recycling ratio 3: 1.08 +/- 0.05
=====

Recuperation 1: 0.81 +/- 0.07 (%)
Recuperation 2: 0.65 +/- 0.05 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 10.29
Average error in fit: 0.07
Reduced Chi-Square: 3.43
Figure Of Merit: 3.35 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1297.08 +/- 148.44 (Gy/s)
RSE of ED: 11.44 (%)
95% interval: [1051.52, 1598.53]
68% interval: [1171.88, 1465.79]

Summary



ID: [NO=94, Position=1, Grain=94]
=====

Status: OK
=====

Tn: 1852 +/- 57.66
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 28.64 +/- 3.56
RSE of Tn: 3.11 (%)
Fast ratio of Tn: NA +/- NA
=====

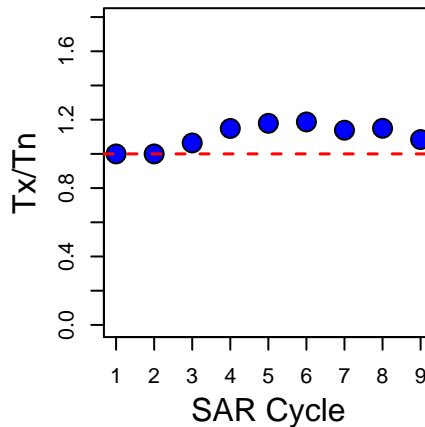
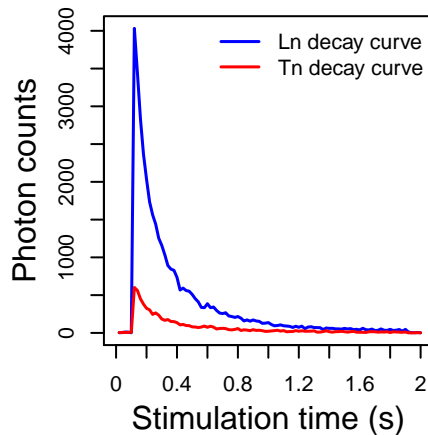
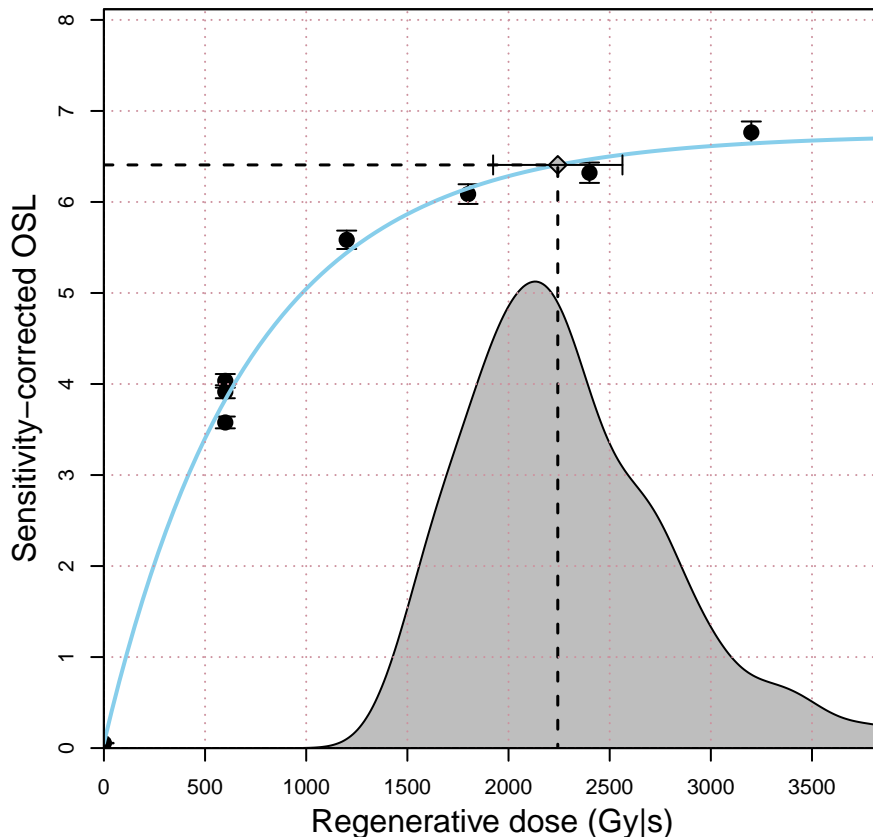
Recycling ratio 1: 0.97 +/- 0.05
Recycling ratio 2: 1.08 +/- 0.06
Recycling ratio 3: 1.11 +/- 0.06
=====

Recuperation 1: 1.07 +/- 0.1 (%)
Recuperation 2: 1.03 +/- 0.1 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 13.81
Average error in fit: 0.1
Reduced Chi-Square: 4.6
Figure Of Merit: 4.15 (%)
=====

calED method: Interpolation
MC acceptance-rate: 85.47 (%)
ED: 2878.56 +/- 1236.22 (Gy/s)
RSE of ED: 42.95 (%)
95% interval: [1882.39, 6240.39]
68% interval: [2262.76, 3589.53]

Summary



ID: [NO=95, Position=1, Grain=95]

Status: OK

Tn: 2266.5 +/- 66.37

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 41.84 +/- 5.68

RSE of Tn: 2.93 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.05

Recycling ratio 2: 0.97 +/- 0.05

Recycling ratio 3: 1.09 +/- 0.06

Recuperation 1: 0.85 +/- 0.1 (%)

Recuperation 2: 0.8 +/- 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.28

Average error in fit: 0.05

Reduced Chi-Square: 2.43

Figure Of Merit: 2.8 (%)

calED method: Interpolation

MC acceptance-rate: 90.74 (%)

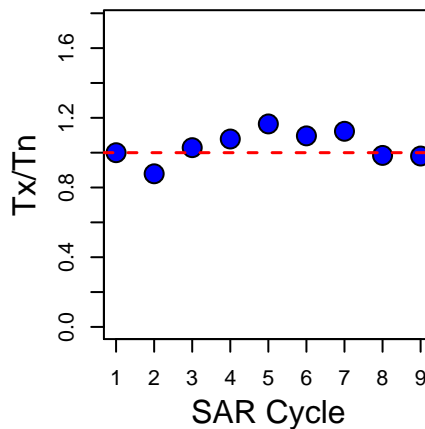
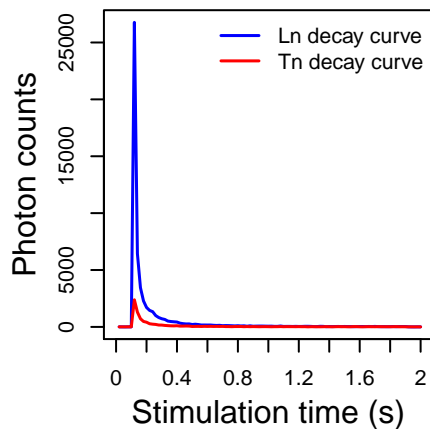
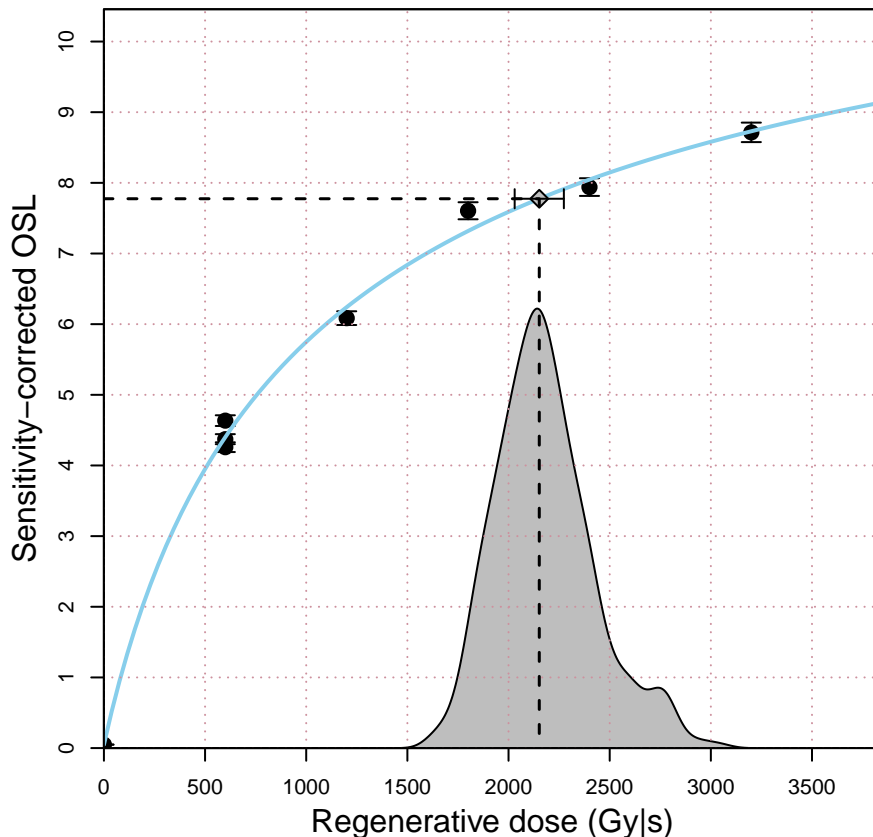
ED: 2243.42 +/- 639.24 (Gy/s)

RSE of ED: 28.49 (%)

95% interval: [1538.34, 3956.65]

68% interval: [1818.56, 2801.4]

Summary



ID: [NO=96, Position=1, Grain=96]

Status: OK

Tn: 5211 +/- 127.27

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 63.78 +/- 7.06

RSE of Tn: 2.44 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 0.97 +/- 0.04

Recuperation 1: 0.63 +/- 0.05 (%)

Recuperation 2: 0.56 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.71

Average error in fit: 0.05

Reduced Chi-Square: 1.9

Figure Of Merit: 2.22 (%)

calED method: Interpolation

MC acceptance-rate: 93.81 (%)

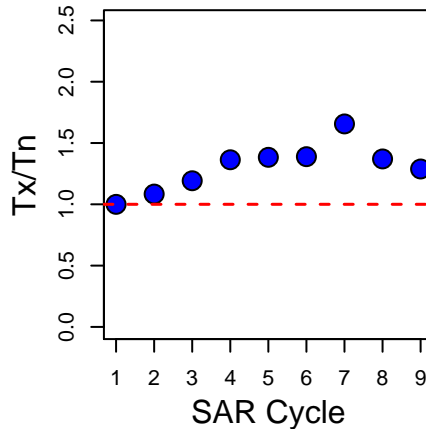
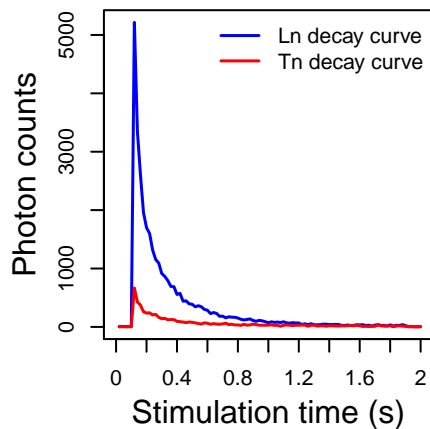
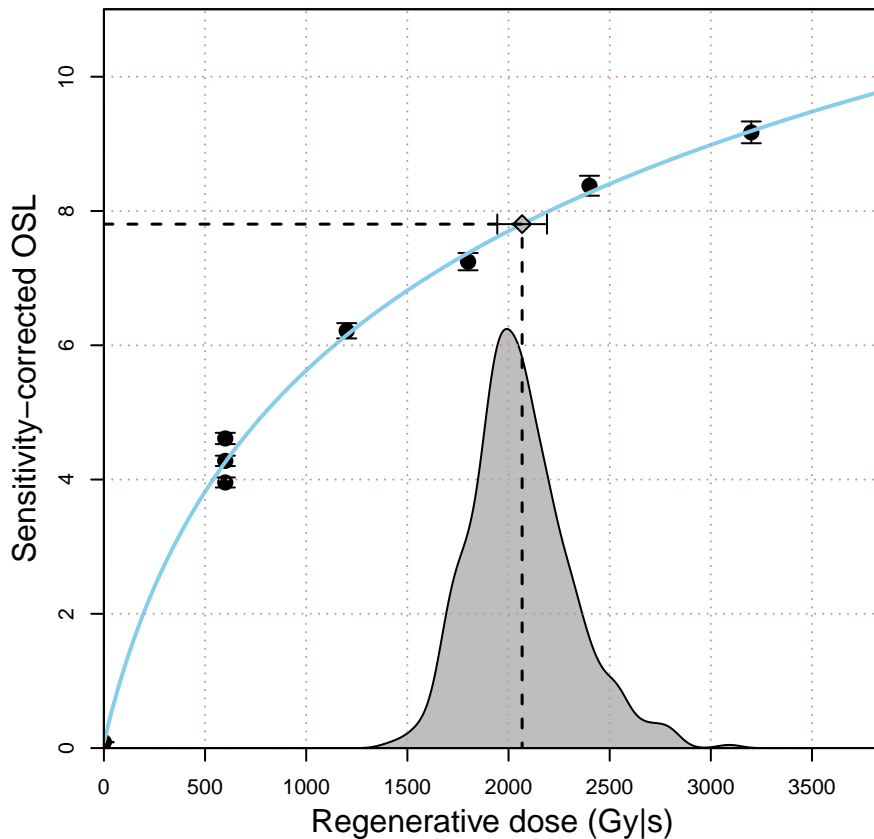
ED: 2151.9 +/- 243.25 (Gy/s)

RSE of ED: 11.3 (%)

95% interval: [1786.06, 2761.39]

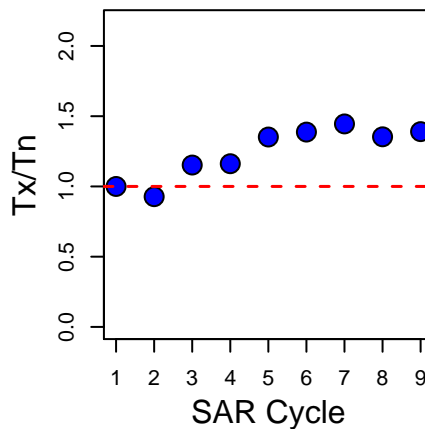
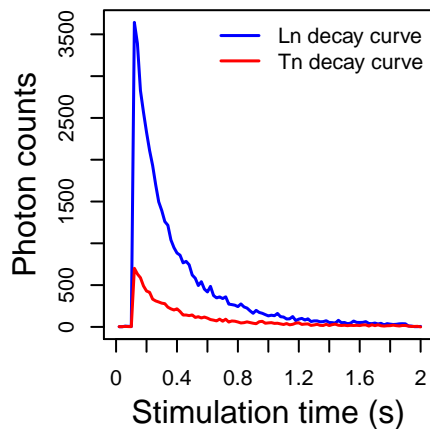
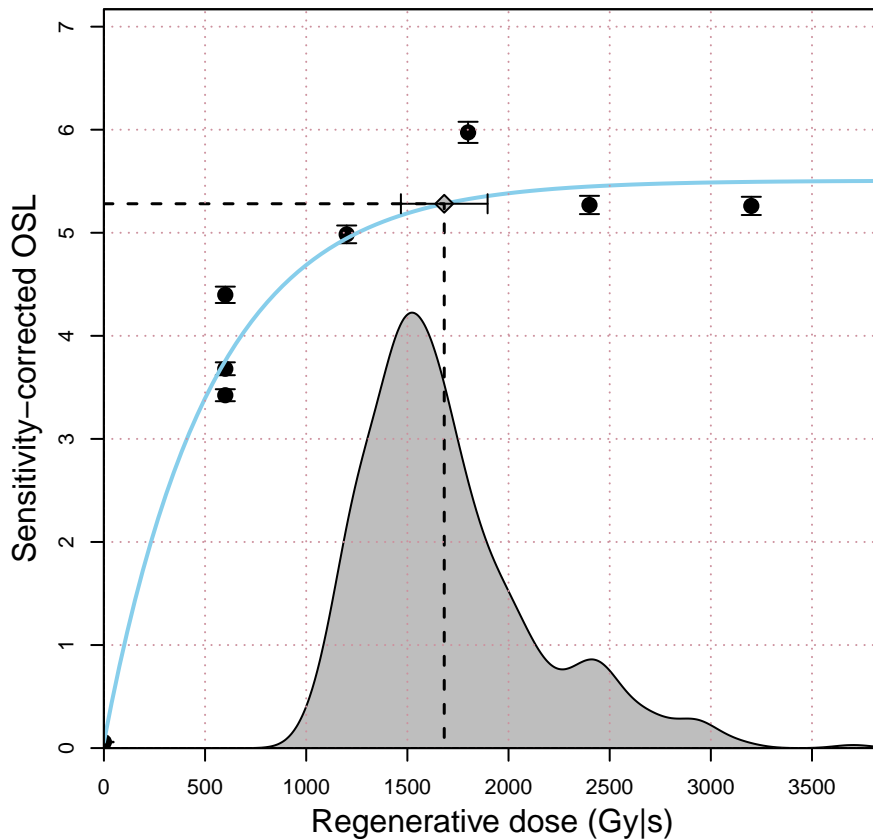
68% interval: [1948.05, 2397.99]

Summary



| |
|-----------------------------------|
| ID: [NO=97, Position=1, Grain=97] |
| ===== |
| Status: OK |
| ===== |
| Tn: 1882.5 +/- 58.47 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 24.68 +/- 2.82 |
| RSE of Tn: 3.11 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 1.08 +/- 0.06 |
| Recycling ratio 2: 1.17 +/- 0.06 |
| Recycling ratio 3: 1.08 +/- 0.06 |
| ===== |
| Recuperation 1: 1.13 +/- 0.1 (%) |
| Recuperation 2: 0.96 +/- 0.08 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 8.9 |
| Average error in fit: 0.06 |
| Reduced Chi-Square: 2.97 |
| Figure Of Merit: 2.25 (%) |
| ===== |
| calED method: Interpolation |
| MC acceptance-rate: 83.75 (%) |
| ED: 2067.16 +/- 245.7 (Gy/s) |
| RSE of ED: 11.89 (%) |
| 95% interval: [1674.31, 2625.81] |
| 68% interval: [1832.09, 2294.63] |

Summary



ID: [NO=99, Position=1, Grain=99]

Status: OK

Tn: 2761.5 +/- 77.01

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.74 +/- 4.06

RSE of Tn: 2.79 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.84 +/- 0.04

Recycling ratio 2: 0.78 +/- 0.04

Recycling ratio 3: 0.93 +/- 0.04

Recuperation 1: 1.11 +/- 0.1 (%)

Recuperation 2: 0.98 +/- 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 37.67

Average error in fit: 0.13

Reduced Chi-Square: 12.56

Figure Of Merit: 6.61 (%)

calED method: Interpolation

MC acceptance-rate: 84.03 (%)

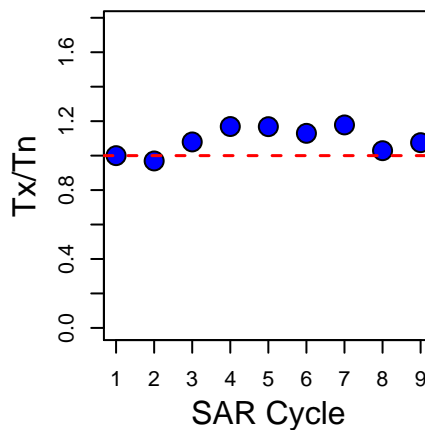
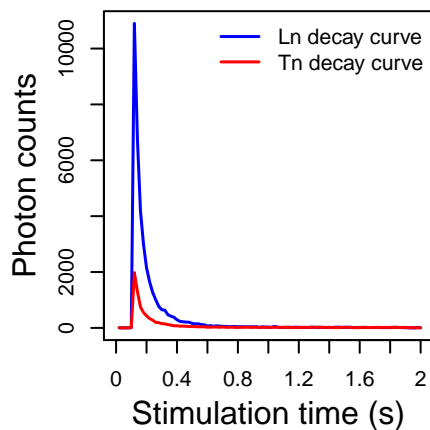
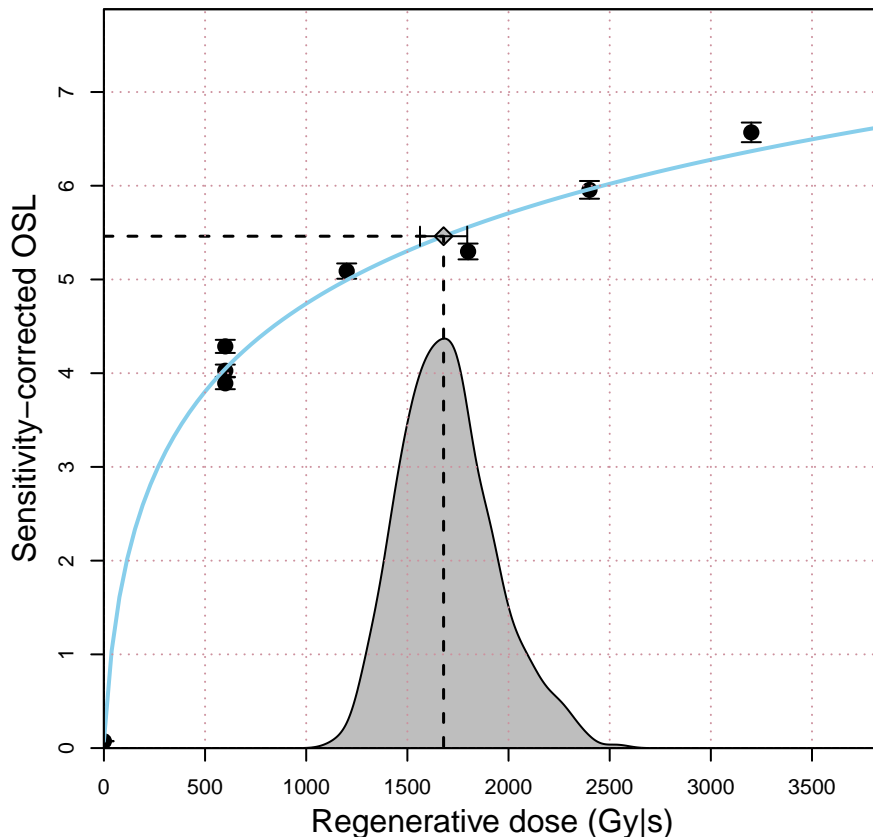
ED: 1682.23 +/- 428.51 (Gy/s)

RSE of ED: 25.47 (%)

95% interval: [1136.42, 2784.53]

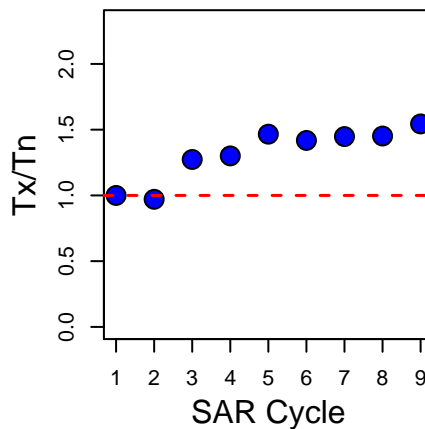
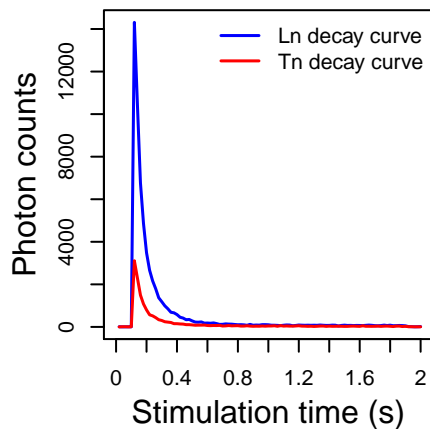
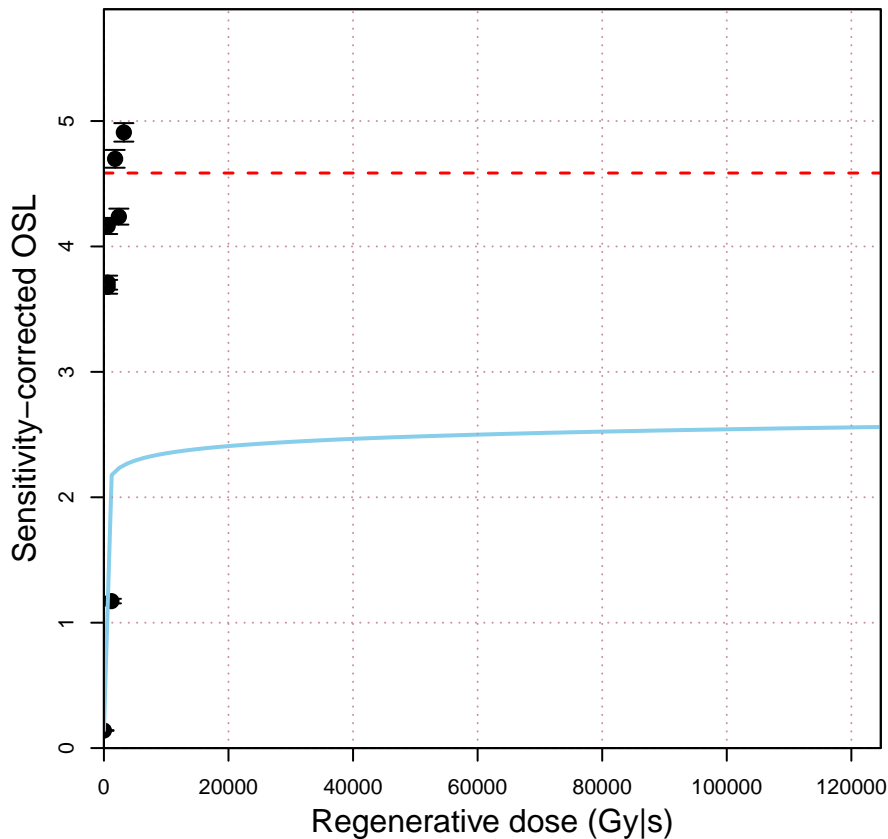
68% interval: [1311.48, 2103.34]

Summary



| |
|-------------------------------------|
| ID: [NO=100, Position=1, Grain=100] |
| ===== |
| Status: OK |
| ===== |
| Tn: 4932 +/- 121.63 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 57.05 +/- 6.13 |
| RSE of Tn: 2.47 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.94 +/- 0.04 |
| Recycling ratio 2: 0.91 +/- 0.04 |
| Recycling ratio 3: 0.97 +/- 0.04 |
| ===== |
| Recuperation 1: 1.35 +/- 0.1 (%) |
| Recuperation 2: 1.12 +/- 0.08 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 8.11 |
| Average error in fit: 0.06 |
| Reduced Chi-Square: 2.7 |
| Figure Of Merit: 2.79 (%) |
| ===== |
| calED method: Interpolation |
| MC acceptance-rate: 100 (%) |
| ED: 1679.07 +/- 233.48 (Gy/s) |
| RSE of ED: 13.91 (%) |
| 95% interval: [1301.53, 2229.8] |
| 68% interval: [1474.79, 1913.72] |

Summary



ID: [NO=101, Position=3, Grain=1]

Status: Ln/Tn saturated

Tn: 8628 +/- 196.56

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 57.39 +/- 4.68

RSE of Tn: 2.28 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 3.06 +/- 0.15 (%)

Recuperation 2: 2.86 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2289.81

Average error in fit: 0.65

Reduced Chi-Square: 763.27

Figure Of Merit: 86.96 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

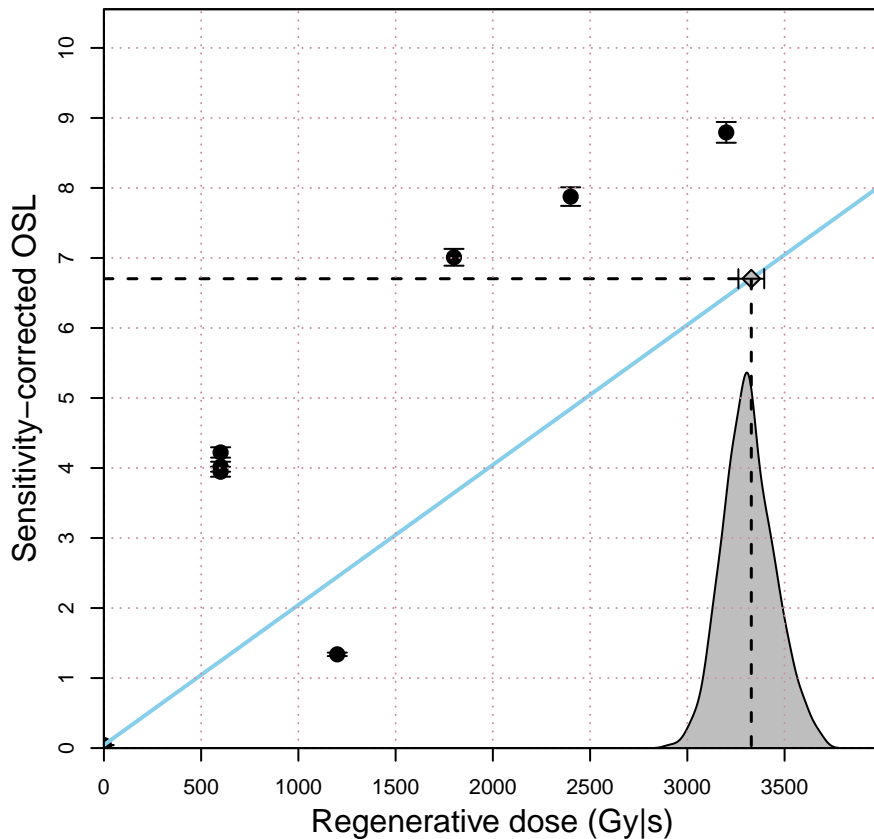
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=102, Position=3, Grain=2]
=====

Status: OK
=====

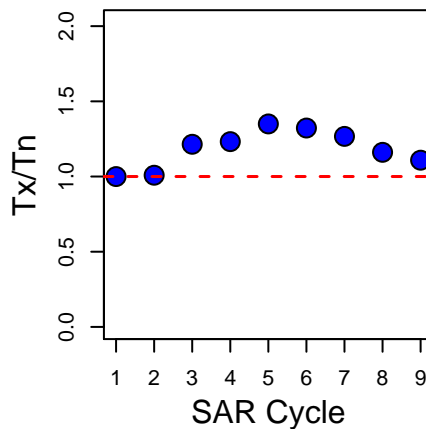
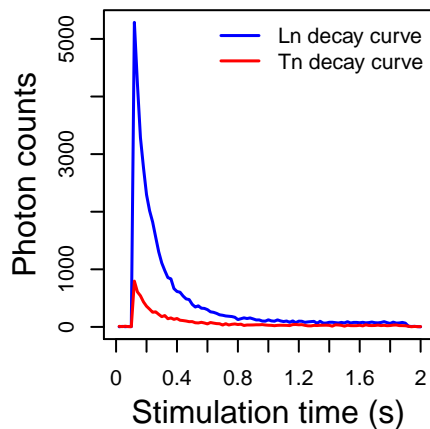
Tn: 2608.5 +/- 74.31
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 21.46 +/- 1.94
RSE of Tn: 2.85 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.07 +/- 0.05
Recycling ratio 2: 1.02 +/- 0.05
Recycling ratio 3: 0.95 +/- 0.05
=====

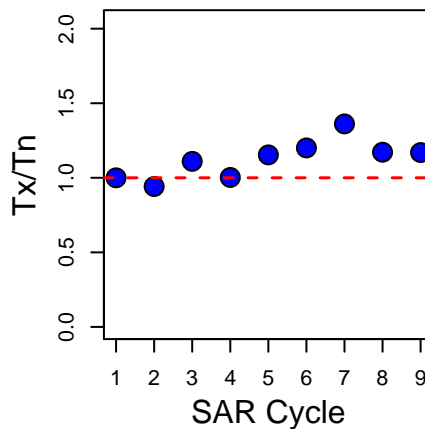
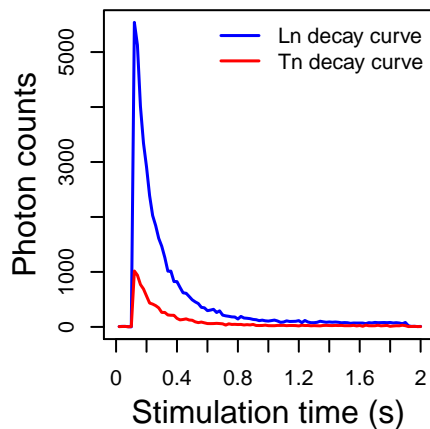
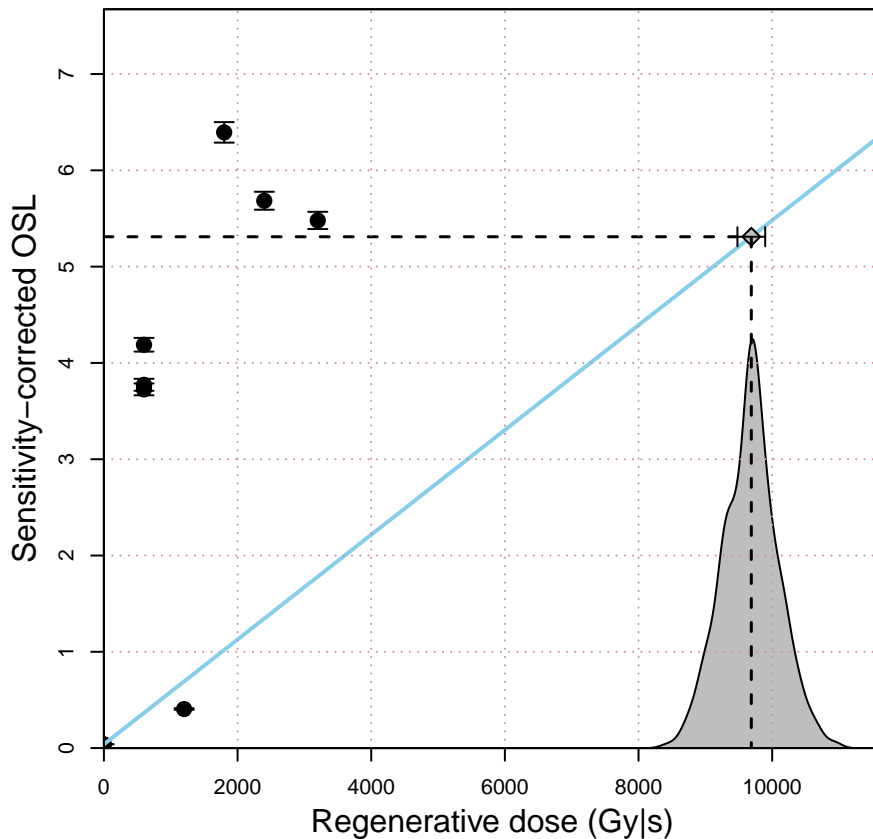
Recuperation 1: 0.63 +/- 0.08 (%)
Recuperation 2: 0.48 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2026.07
Average error in fit: 0.89
Reduced Chi-Square: 675.36
Figure Of Merit: 86.52 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 95.97 (%)
ED: 3328.96 +/- 132.79 (Gy/s)
RSE of ED: 3.99 (%)
95% interval: [3074.45, 3596.51]
68% interval: [3185.68, 3449.14]



Summary



ID: [NO=103, Position=3, Grain=3]

Status: OK

Tn: 3870.5 +/- 100.14

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.03 +/- 3.47

RSE of Tn: 2.59 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.75 +/- 0.07 (%)

Recuperation 2: 0.62 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4119.99

Average error in fit: 1.24

Reduced Chi-Square: 1373.33

Figure Of Merit: 406.78 (%)

calED method: Extrapolation

MC acceptance-rate: 96.53 (%)

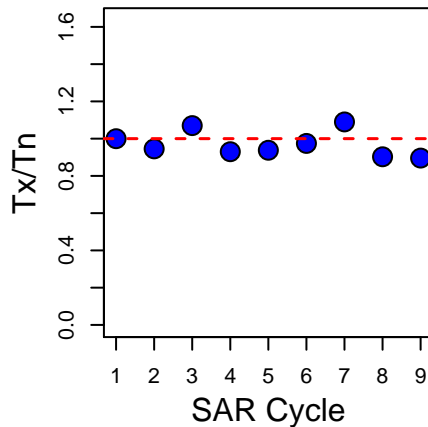
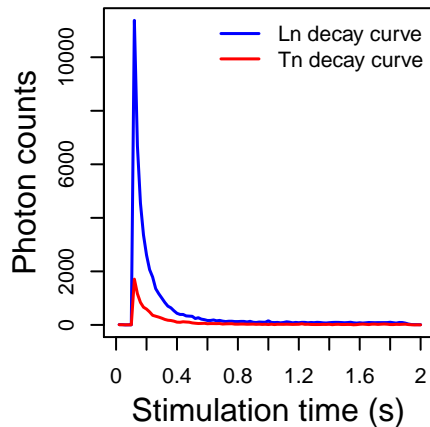
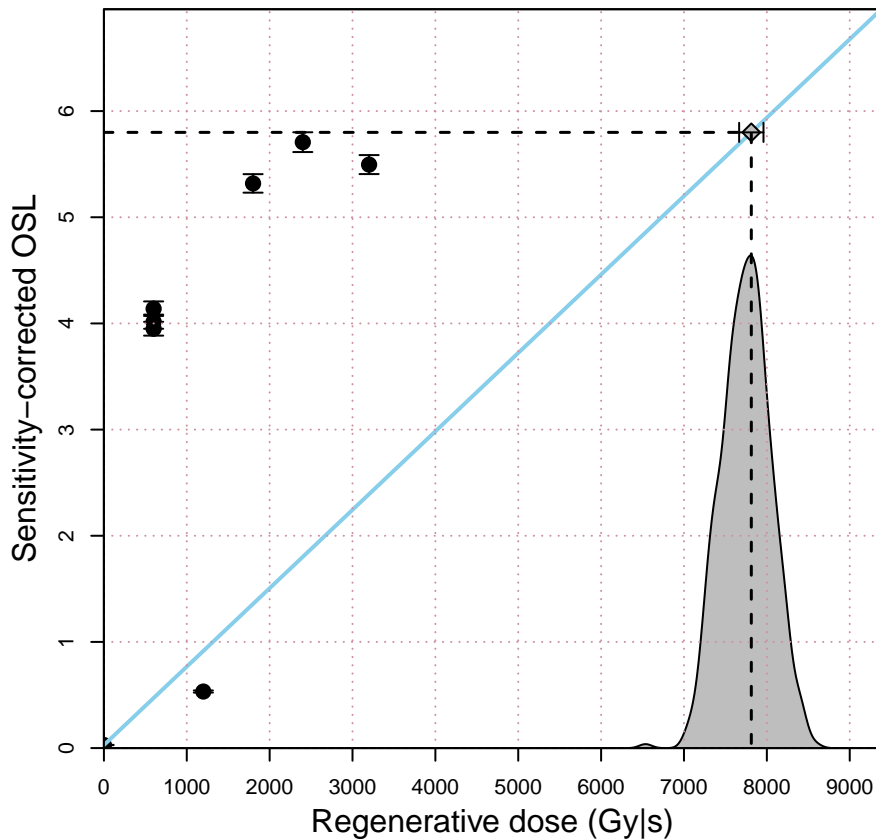
ED: 9687.51 +/- 415.4 (Gy/s)

RSE of ED: 4.29 (%)

95% interval: [8884.03, 10502.62]

68% interval: [9264.76, 10079.67]

Summary



ID: [NO=104, Position=3, Grain=4]
=====

Status: OK
=====

Tn: 4856.5 +/- 120.22
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 45.76 +/- 4.44
RSE of Tn: 2.48 (%)
Fast ratio of Tn: NA +/- NA
=====

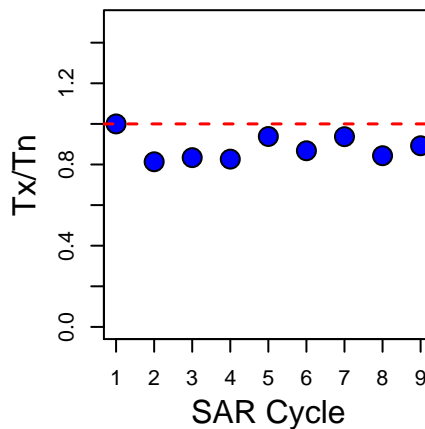
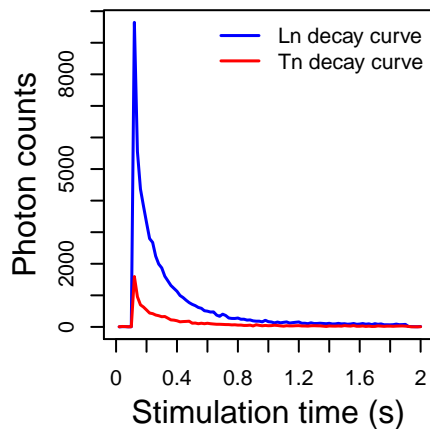
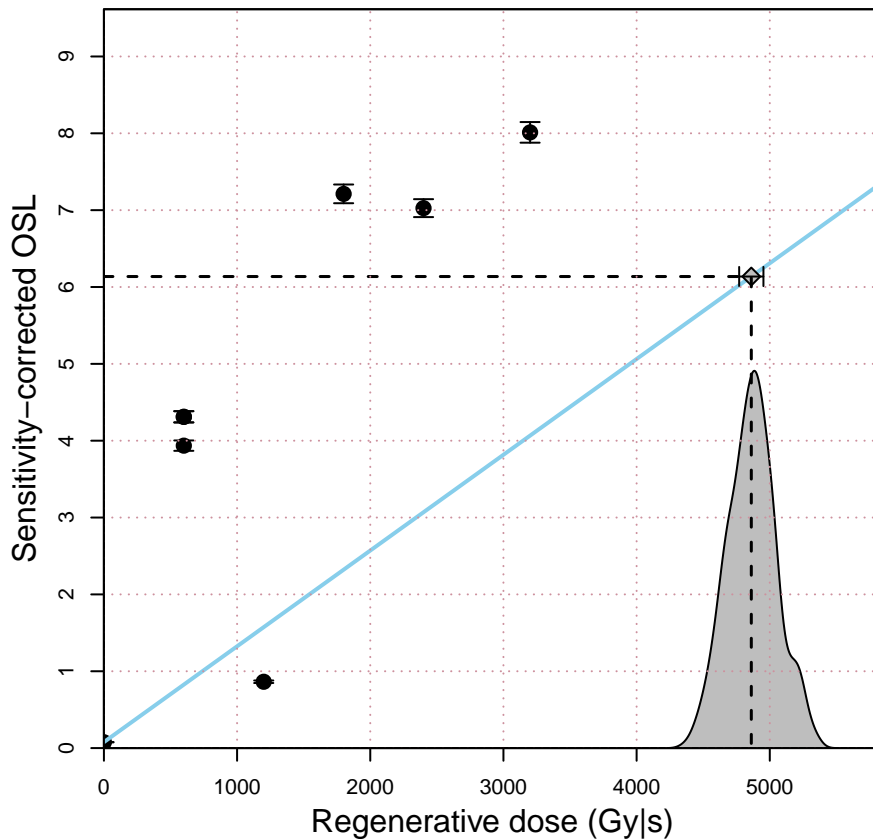
Recycling ratio 1: 1.05 +/- 0.05
Recycling ratio 2: 1.02 +/- 0.05
Recycling ratio 3: 0.97 +/- 0.05
=====

Recuperation 1: 0.5 +/- 0.06 (%)
Recuperation 2: 0.51 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3774.83
Average error in fit: 1.11
Reduced Chi-Square: 1258.28
Figure Of Merit: 278.64 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 98.04 (%)
ED: 7812.48 +/- 293.8 (Gy/s)
RSE of ED: 3.76 (%)
95% interval: [7215.86, 8309.78]
68% interval: [7437.18, 8048.96]

Summary



ID: [NO=105, Position=3, Grain=5]

Status: OK

Tn: 4289.5 +/- 108.79

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.45 +/- 3.22

RSE of Tn: 2.54 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.1 +/- 0.05

Recycling ratio 2: 1.1 +/- 0.05

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 1.25 +/- 0.1 (%)

Recuperation 2: 0.96 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3043.79

Average error in fit: 1.18

Reduced Chi-Square: 1014.6

Figure Of Merit: 173.61 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

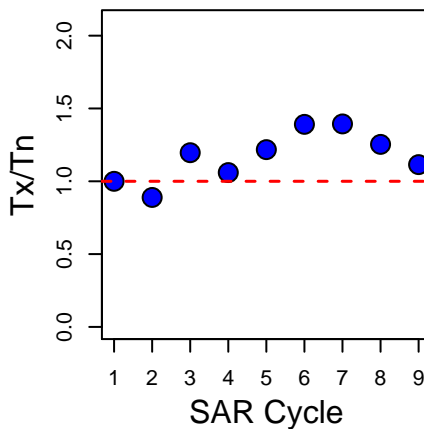
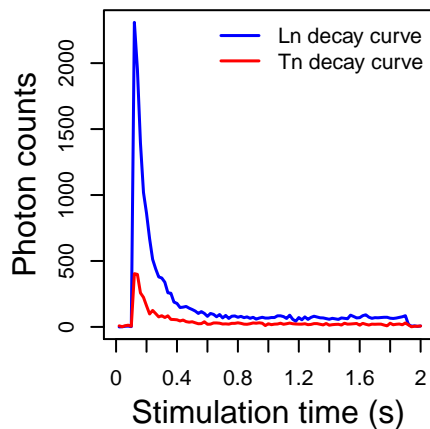
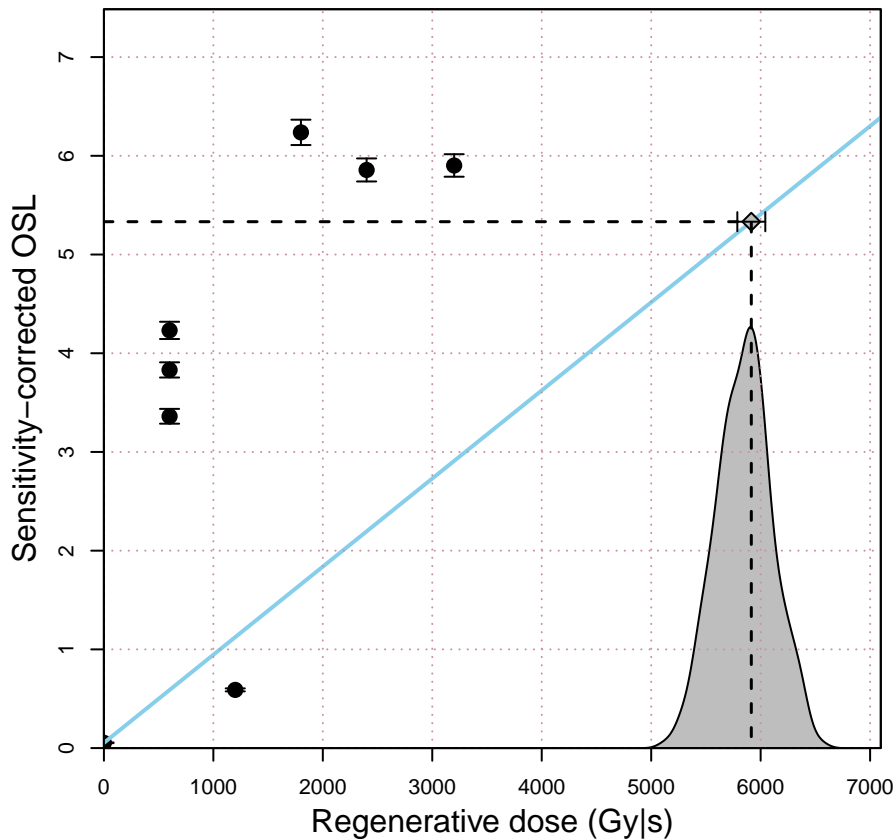
ED: 4861.22 +/- 182.28 (Gy/s)

RSE of ED: 3.75 (%)

95% interval: [4515.81, 5235.07]

68% interval: [4682.02, 5040.17]

Summary



ID: [NO=107, Position=3, Grain=7]
=====

Status: OK
=====

Tn: 1346 +/- 47.09
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 14.73 +/- 1.54
RSE of Tn: 3.5 (%)
Fast ratio of Tn: NA +/- NA
=====

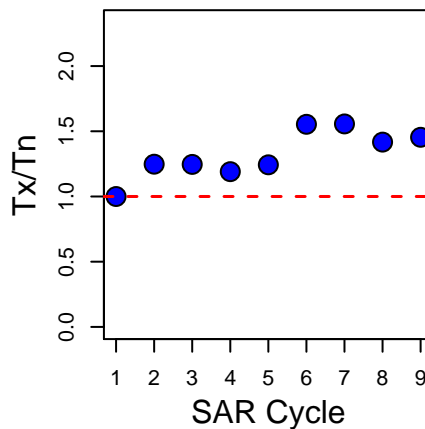
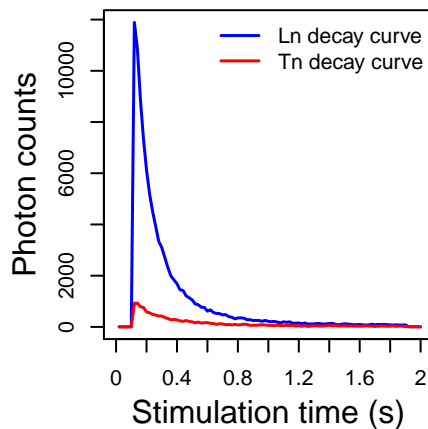
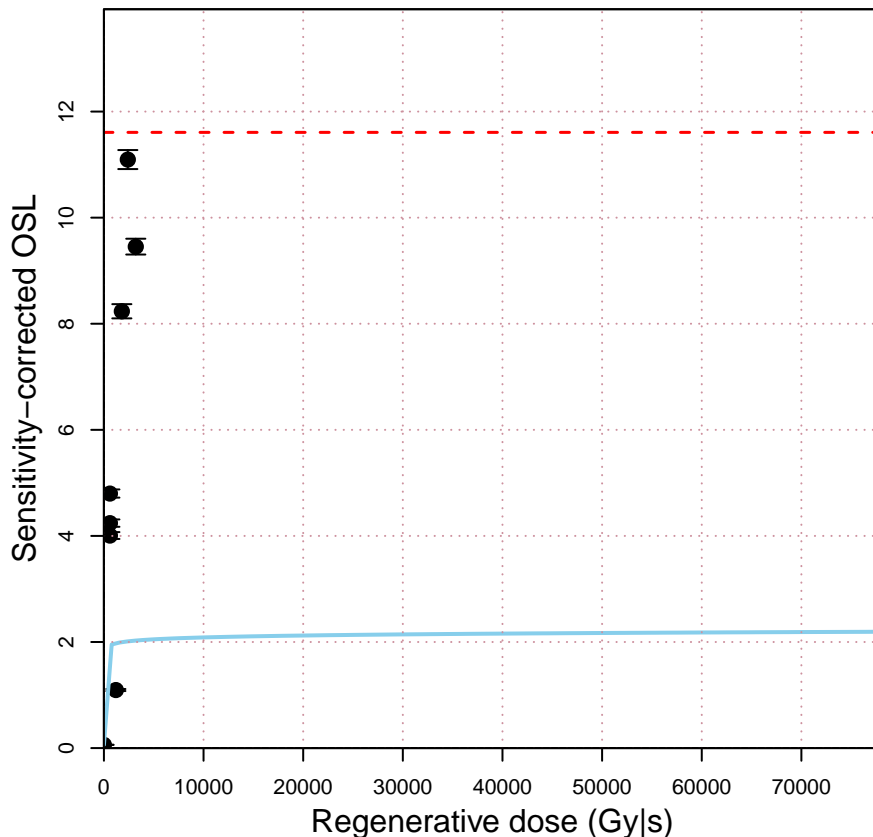
Recycling ratio 1: 1.14 +/- 0.07
Recycling ratio 2: 1.26 +/- 0.08
Recycling ratio 3: 1.1 +/- 0.06
=====

Recuperation 1: 1 +/- 0.15 (%)
Recuperation 2: 0.86 +/- 0.13 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2267.51
Average error in fit: 1.08
Reduced Chi-Square: 755.84
Figure Of Merit: 220.71 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 100 (%)
ED: 5914.71 +/- 255.66 (Gy/s)
RSE of ED: 4.32 (%)
95% interval: [5369.58, 6356.76]
68% interval: [5586.68, 6092.47]

Summary



ID: [NO=108, Position=3, Grain=8]

=====
Status: Ln/Tn saturated
=====

Tn: 3845.5 +/- 99.86

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.18 +/- 2.41

RSE of Tn: 2.6 (%)

Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.13 +/- 0.05

Recycling ratio 2: 0.94 +/- 0.04

Recycling ratio 3: 0.84 +/- 0.04
=====

Recuperation 1: 0.53 +/- 0.04 (%)

Recuperation 2: 0.56 +/- 0.04 (%)
=====

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3216

Average error in fit: 1.75

Reduced Chi-Square: 1072

Figure Of Merit: 222.1 (%)
=====

calED method: Extrapolation

MC acceptance-rate: NULL (%)

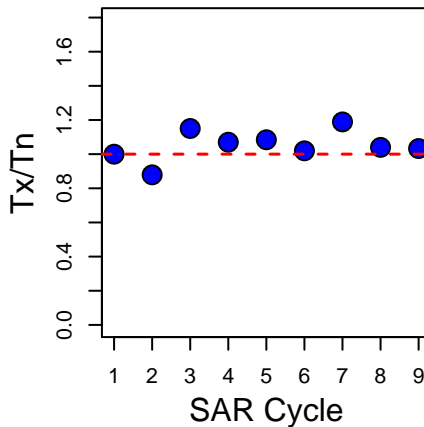
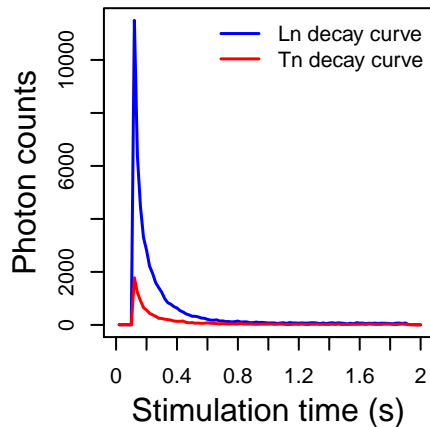
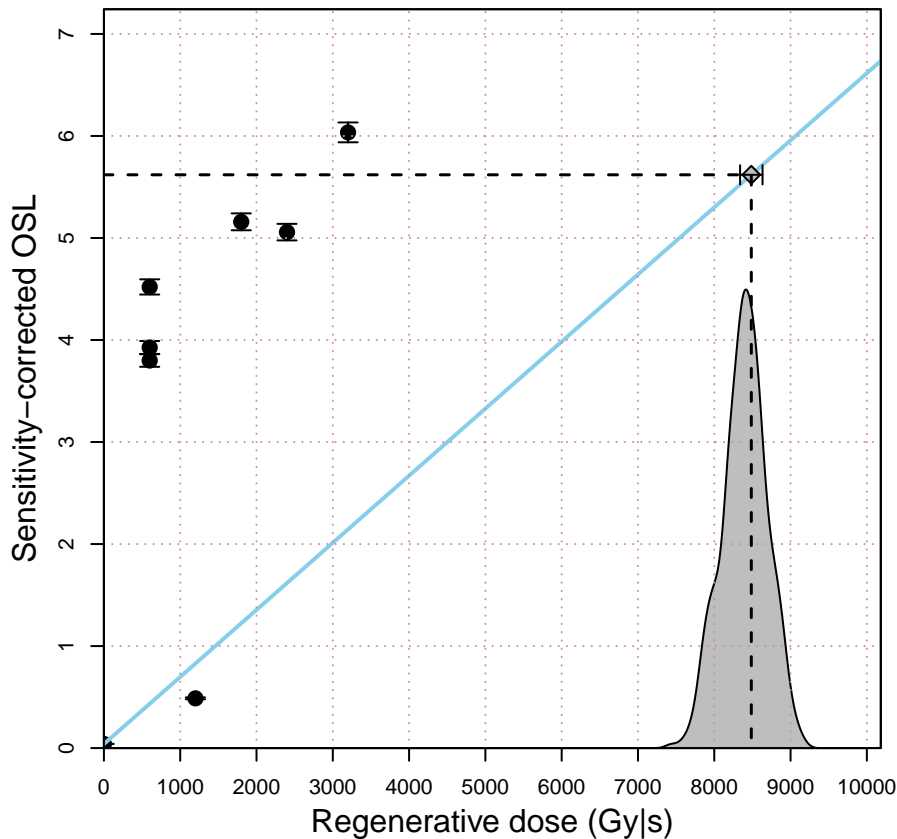
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=109, Position=3, Grain=9]
=====

Status: OK
=====

Tn: 5010 +/- 123.39
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 44.19 +/- 4.15
RSE of Tn: 2.46 (%)
Fast ratio of Tn: NA +/- NA
=====

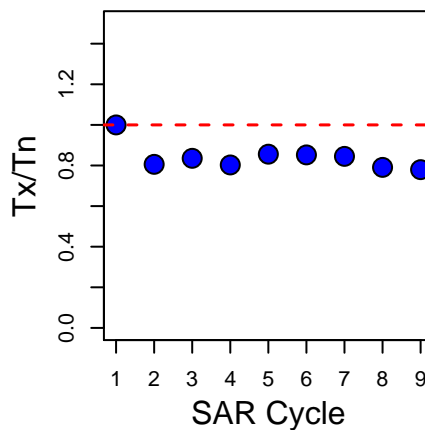
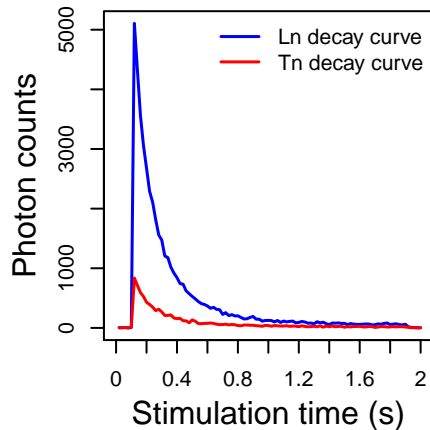
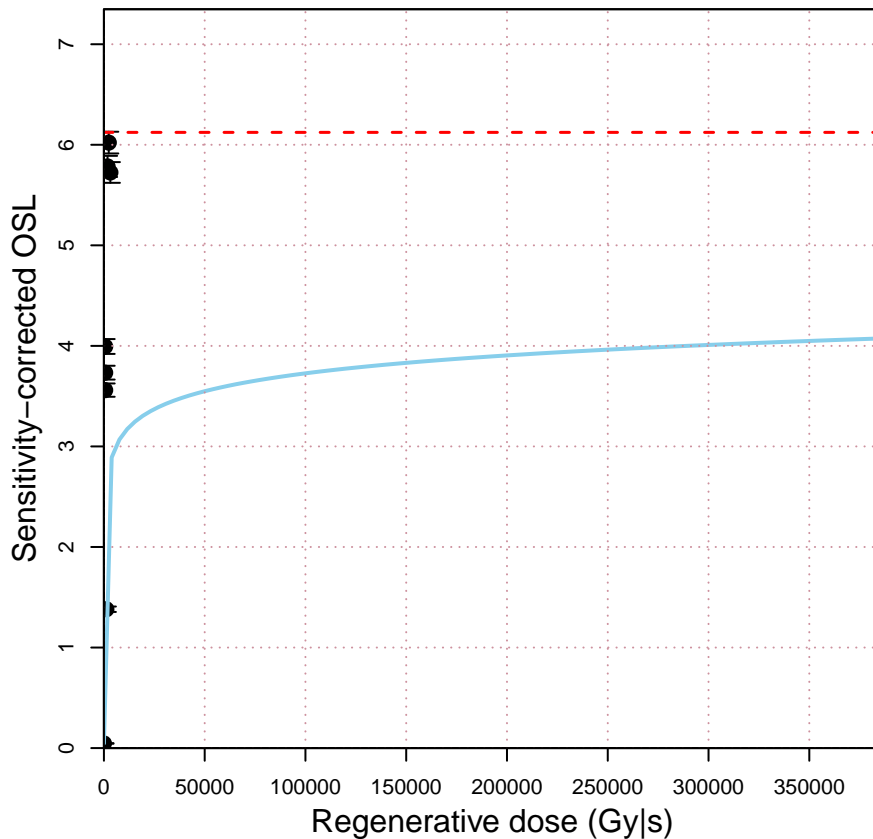
Recycling ratio 1: 0.87 +/- 0.04
Recycling ratio 2: 0.84 +/- 0.04
Recycling ratio 3: 0.97 +/- 0.04
=====

Recuperation 1: 0.72 +/- 0.06 (%)
Recuperation 2: 0.67 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 4029.1
Average error in fit: 1.14
Reduced Chi-Square: 1343.03
Figure Of Merit: 315.04 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 99.4 (%)
ED: 8485.62 +/- 293.83 (Gy/s)
RSE of ED: 3.46 (%)
95% interval: [7826.71, 8935.94]
68% interval: [8110.3, 8688.97]

Summary



ID: [NO=110, Position=3, Grain=10]
=====

Status: Ln/Tn saturated
=====

Tn: 3005 +/- 82.2
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 33.31 +/- 3.51
RSE of Tn: 2.74 (%)
Fast ratio of Tn: NA +/- NA
=====

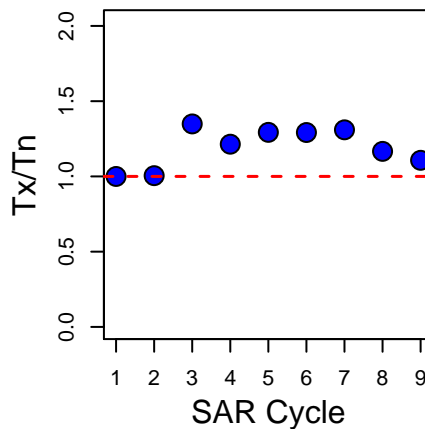
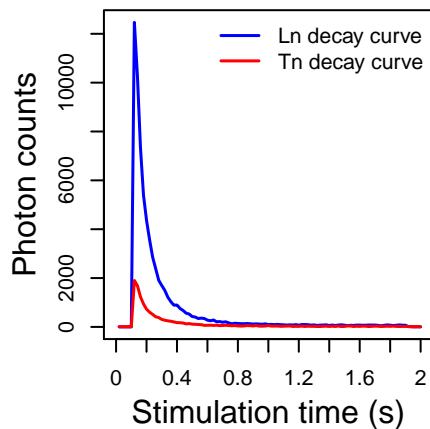
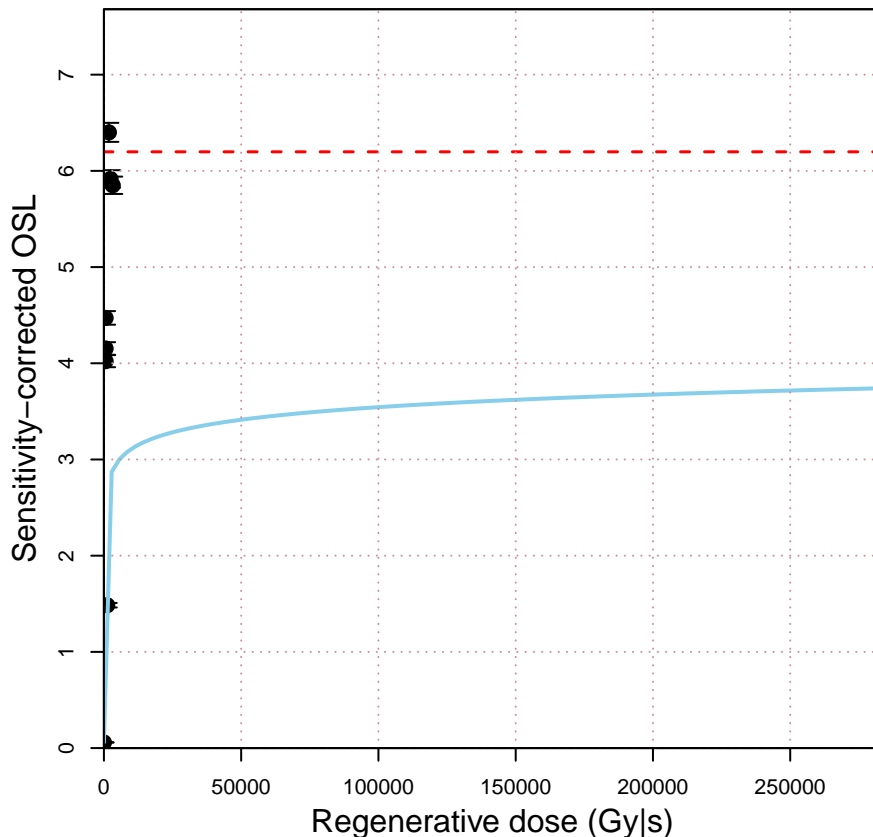
Recycling ratio 1: 0.95 +/- 0.05
Recycling ratio 2: 1.07 +/- 0.06
Recycling ratio 3: 1.12 +/- 0.06
=====

Recuperation 1: 0.76 +/- 0.1 (%)
Recuperation 2: 0.77 +/- 0.1 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 1423.58
Average error in fit: 0.74
Reduced Chi-Square: 474.53
Figure Of Merit: 79.68 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=111, Position=3, Grain=11]

Status: Ln/Tn saturated

Tn: 6378 \pm 151.07

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 55.98 \pm 5.24

RSE of Tn: 2.37 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.9 \pm 0.04

Recycling ratio 2: 0.93 \pm 0.04

Recycling ratio 3: 1.03 \pm 0.05

Recuperation 1: 0.95 \pm 0.06 (%)

Recuperation 2: 0.92 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2029.32

Average error in fit: 0.8

Reduced Chi-Square: 676.44

Figure Of Merit: 82.95 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

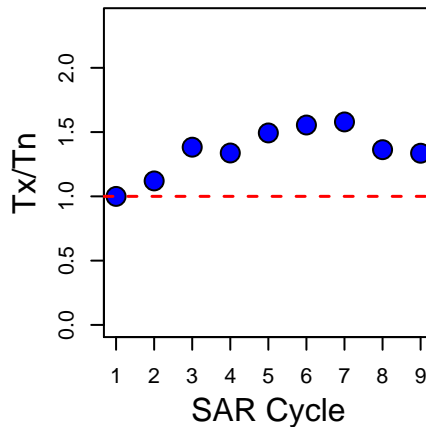
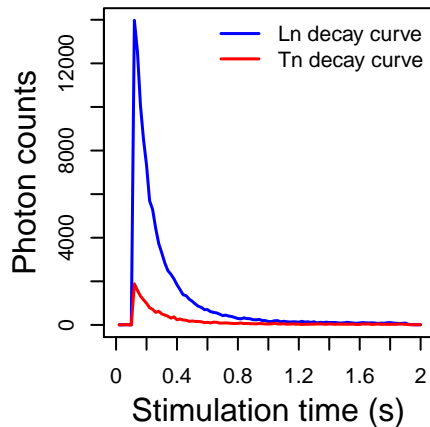
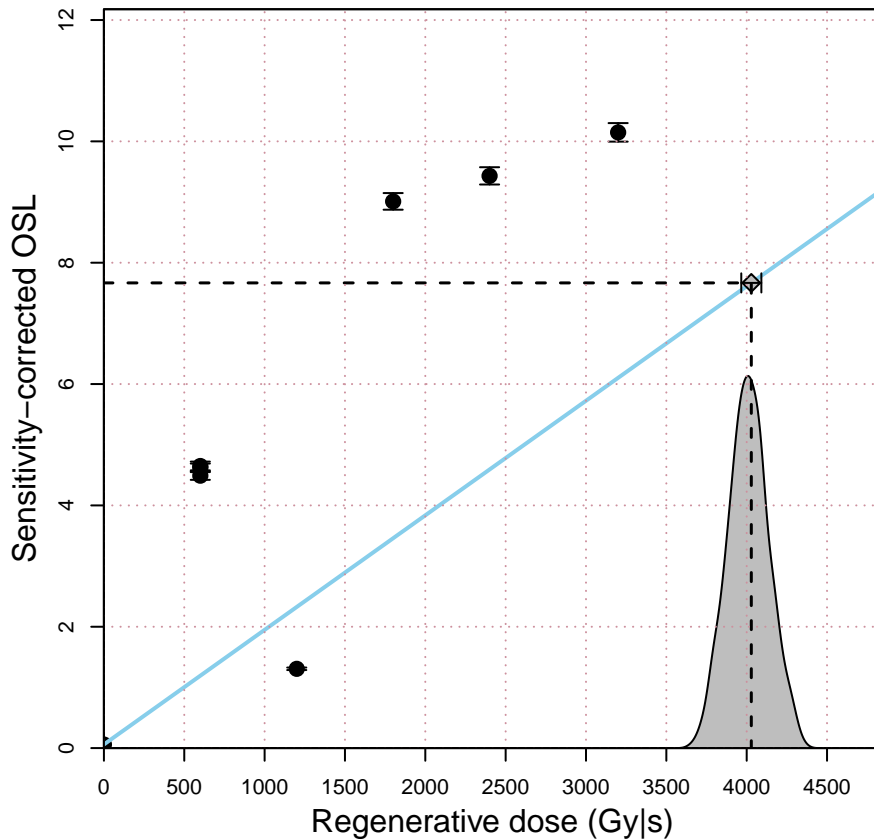
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=112, Position=3, Grain=12]
=====

Status: OK
=====

Tn: 6788 +/- 159.52
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 45.95 +/- 3.78
RSE of Tn: 2.35 (%)
Fast ratio of Tn: NA +/- NA
=====

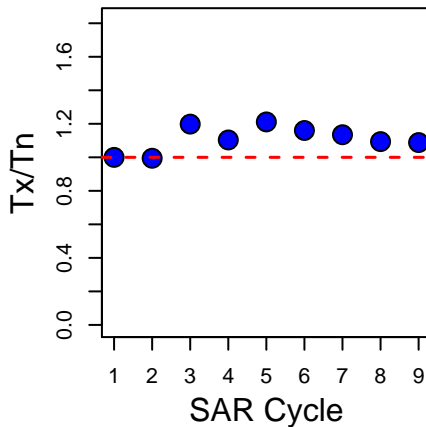
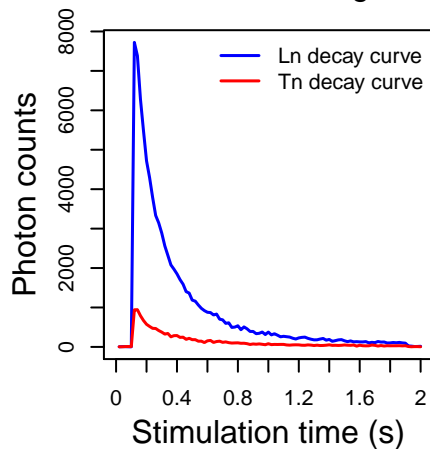
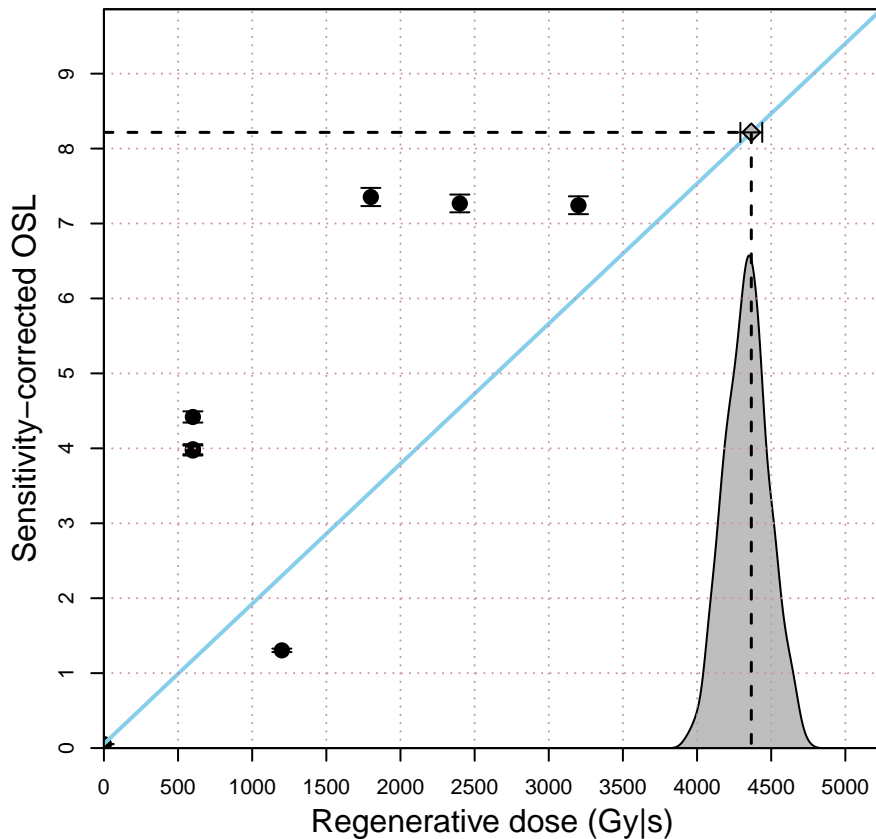
Recycling ratio 1: 0.99 +/- 0.04
Recycling ratio 2: 0.97 +/- 0.04
Recycling ratio 3: 0.97 +/- 0.04
=====

Recuperation 1: 0.77 +/- 0.05 (%)
Recuperation 2: 0.58 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3224.09
Average error in fit: 1.29
Reduced Chi-Square: 1074.7
Figure Of Merit: 127.44 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 100 (%)
ED: 4028.79 +/- 124.94 (Gy/s)
RSE of ED: 3.1 (%)
95% interval: [3774.49, 4264.33]
68% interval: [3884.85, 4136.45]

Summary



ID: [NO=113, Position=3, Grain=13]

Status: OK

Tn: 3776.5 +/- 98.46

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.69 +/- 2.37

RSE of Tn: 2.61 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 0.65 +/- 0.06 (%)

Recuperation 2: 0.72 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2256.86

Average error in fit: 0.9

Reduced Chi-Square: 752.29

Figure Of Merit: 89.04 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

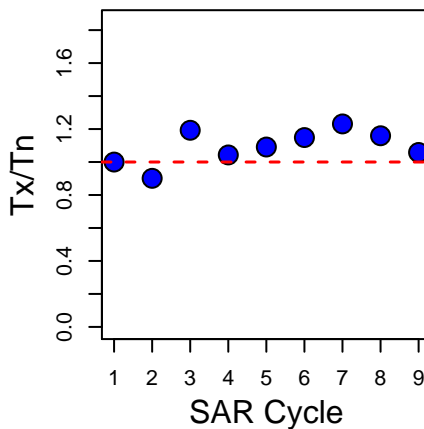
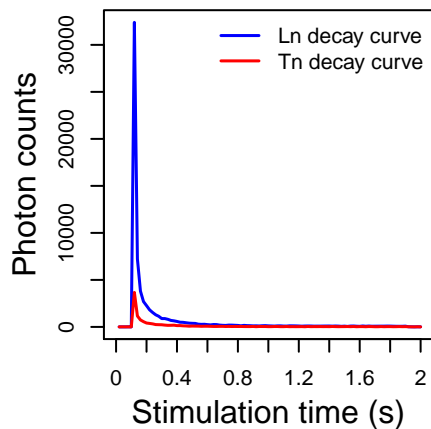
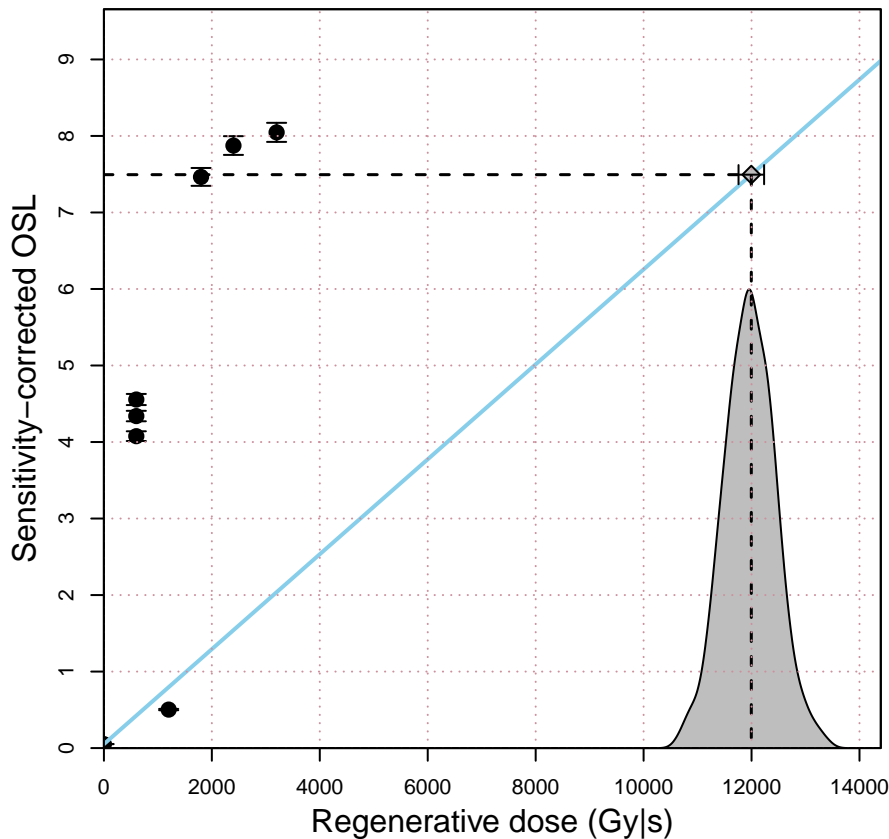
ED: 4365.86 +/- 147.55 (Gy/s)

RSE of ED: 3.38 (%)

95% interval: [4064.58, 4627.82]

68% interval: [4181.13, 4489.25]

Summary



ID: [NO=114, Position=3, Grain=14]

Status: OK

Tn: 6404.5 \pm 151.71

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 48.27 \pm 4.19

RSE of Tn: 2.37 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.89 \pm 0.04

Recycling ratio 2: 0.95 \pm 0.04

Recycling ratio 3: 1.06 \pm 0.05

Recuperation 1: 0.7 \pm 0.05 (%)

Recuperation 2: 0.65 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4716.86

Average error in fit: 1.59

Reduced Chi-Square: 1572.29

Figure Of Merit: 445.95 (%)

calED method: Extrapolation

MC acceptance-rate: 94.16 (%)

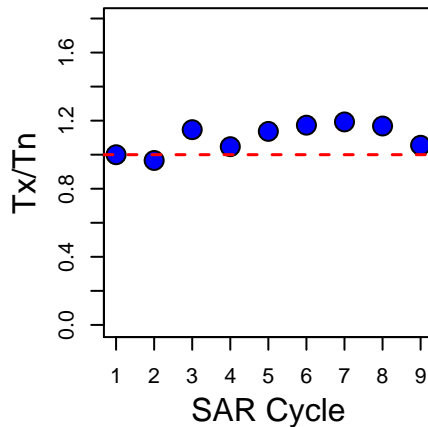
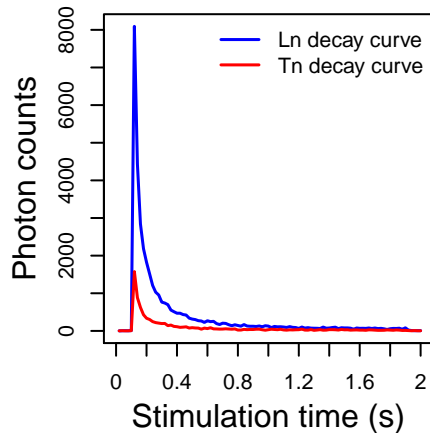
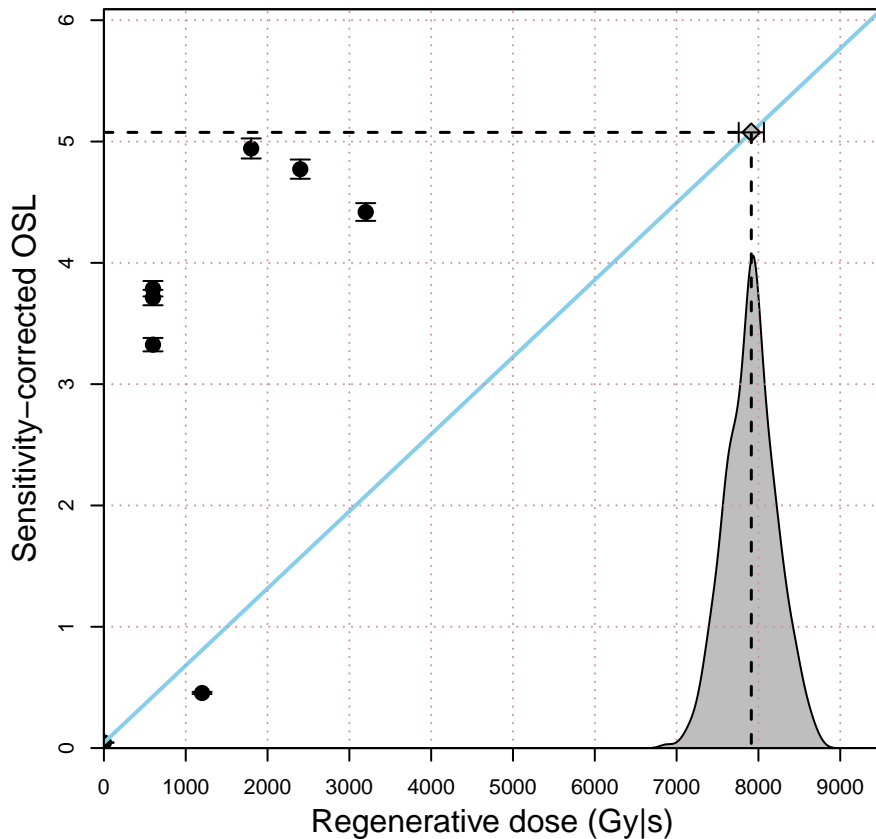
ED: 11995.63 \pm 473.89 (Gy/s)

RSE of ED: 3.95 (%)

95% interval: [11012.4, 12929.33]

68% interval: [11486.1, 12421.75]

Summary



ID: [NO=115, Position=3, Grain=15]

Status: OK

Tn: 3757.5 +/- 97.68

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 42.07 +/- 4.45

RSE of Tn: 2.6 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 1.02 +/- 0.05

Recycling ratio 3: 1.14 +/- 0.05

Recuperation 1: 0.9 +/- 0.09 (%)

Recuperation 2: 0.92 +/- 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3617.73

Average error in fit: 0.97

Reduced Chi-Square: 1205.91

Figure Of Merit: 275.48 (%)

calED method: Extrapolation

MC acceptance-rate: 98.04 (%)

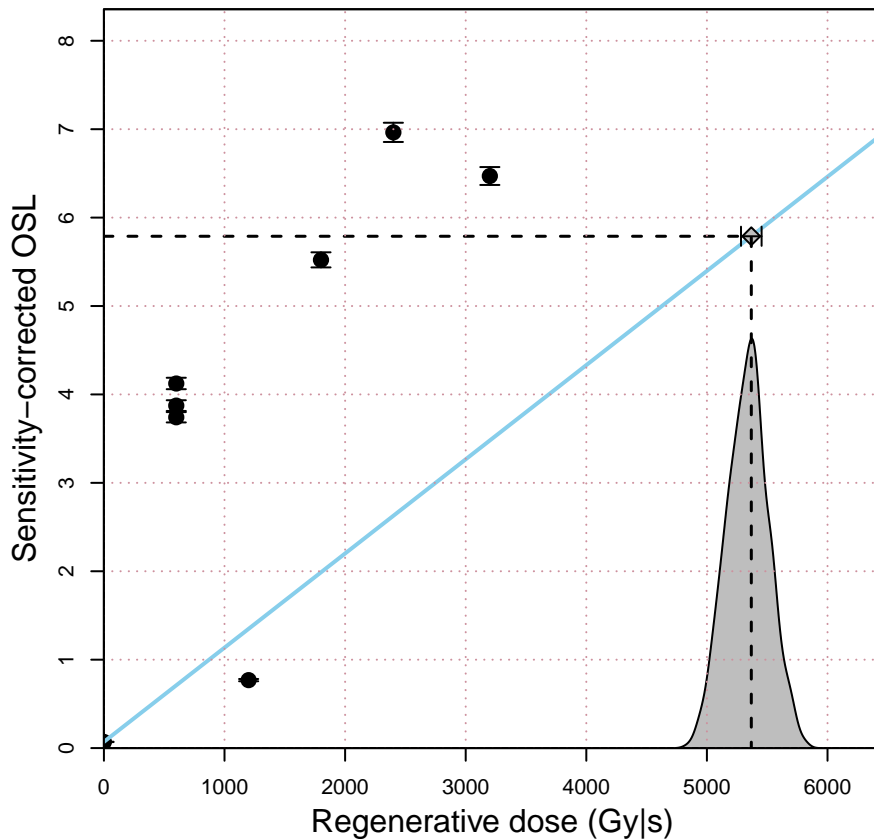
ED: 7912.95 +/- 308.14 (Gy/s)

RSE of ED: 3.89 (%)

95% interval: [7313.58, 8512.99]

68% interval: [7607.8, 8211.36]

Summary



ID: [NO=116, Position=3, Grain=16]
=====

Status: OK
=====

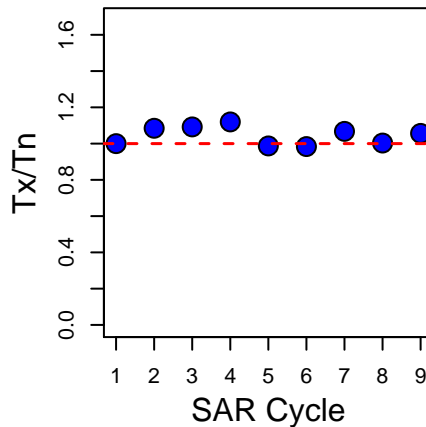
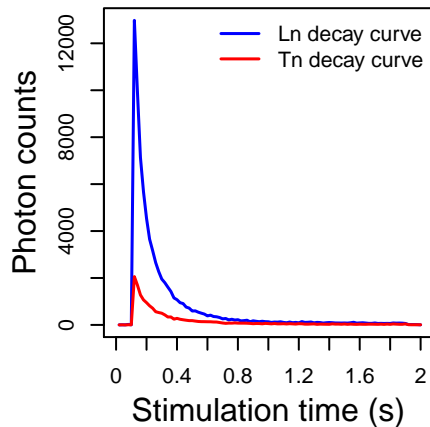
Tn: 6897.5 +/- 161.72
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 46.53 +/- 3.82
RSE of Tn: 2.34 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.1 +/- 0.05
Recycling ratio 2: 1.04 +/- 0.05
Recycling ratio 3: 0.94 +/- 0.04
=====

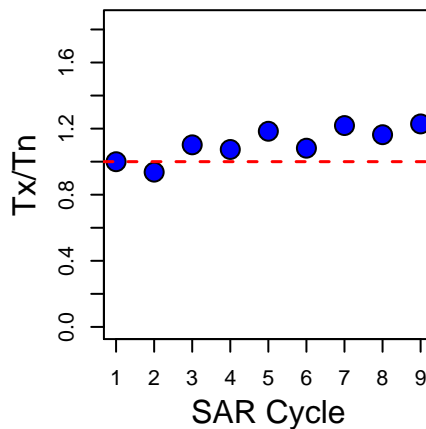
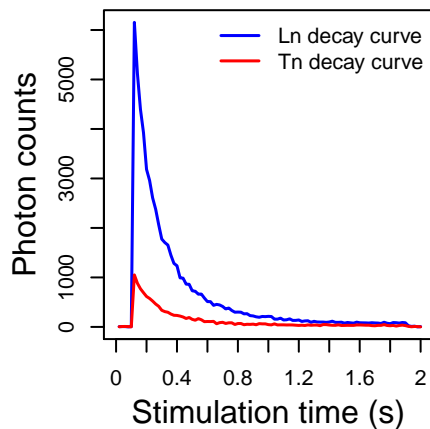
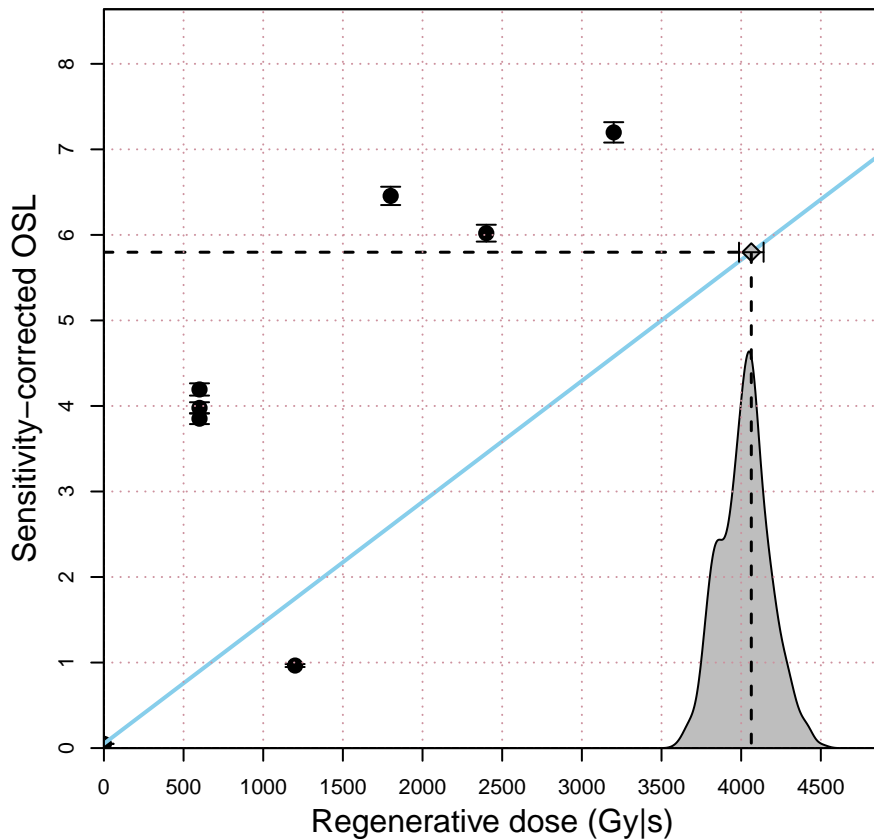
Recuperation 1: 1.21 +/- 0.08 (%)
Recuperation 2: 1 +/- 0.07 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3602.89
Average error in fit: 1.06
Reduced Chi-Square: 1200.96
Figure Of Merit: 180.8 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 100 (%)
ED: 5368.11 +/- 170.81 (Gy/s)
RSE of ED: 3.18 (%)
95% interval: [5012.55, 5679.4]
68% interval: [5162.91, 5514.93]



Summary



ID: [NO=117, Position=3, Grain=17]

Status: OK

Tn: 3860.5 +/- 100.23

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 26.82 +/- 2.23

RSE of Tn: 2.6 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 0.97 +/- 0.05

Recuperation 1: 0.86 +/- 0.08 (%)

Recuperation 2: 0.69 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2747.51

Average error in fit: 0.95

Reduced Chi-Square: 915.84

Figure Of Merit: 126.78 (%)

calED method: Extrapolation

MC acceptance-rate: 94.88 (%)

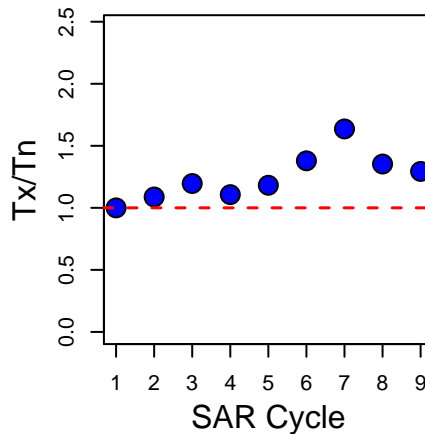
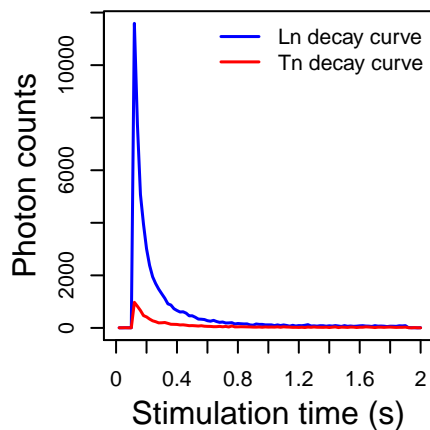
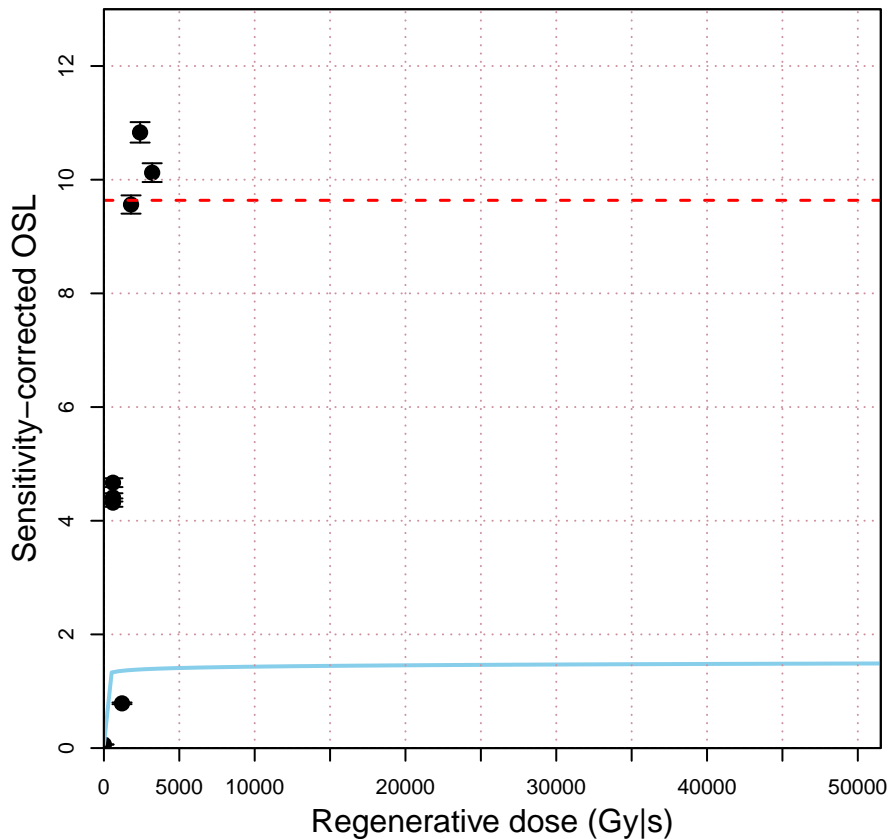
ED: 4063.67 +/- 154.38 (Gy/s)

RSE of ED: 3.8 (%)

95% interval: [3747.71, 4335.44]

68% interval: [3855.05, 4173.9]

Summary



ID: [NO=118, Position=3, Grain=18]

Status: Ln/Tn saturated

Tn: 3220 +/- 86.94

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 26.16 +/- 2.36

RSE of Tn: 2.7 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.02 +/- 0.05

Recycling ratio 2: 1.08 +/- 0.05

Recycling ratio 3: 1.06 +/- 0.05

Recuperation 1: 0.65 +/- 0.05 (%)

Recuperation 2: 0.58 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3719.9

Average error in fit: 2.02

Reduced Chi-Square: 1239.97

Figure Of Merit: 379.22 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

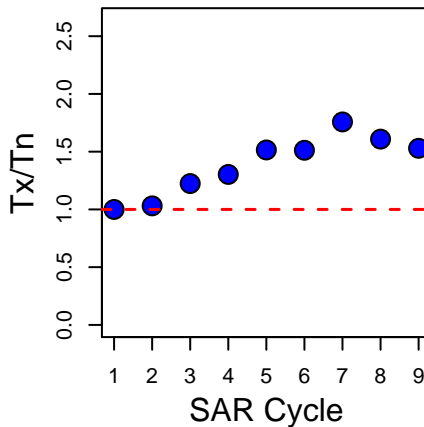
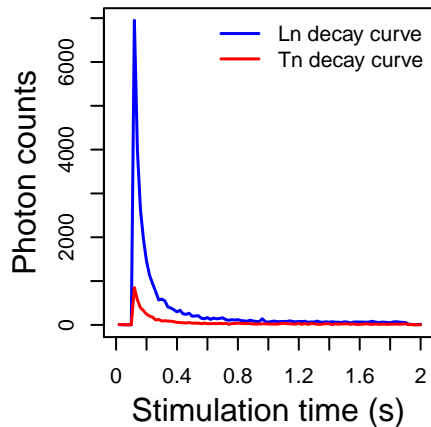
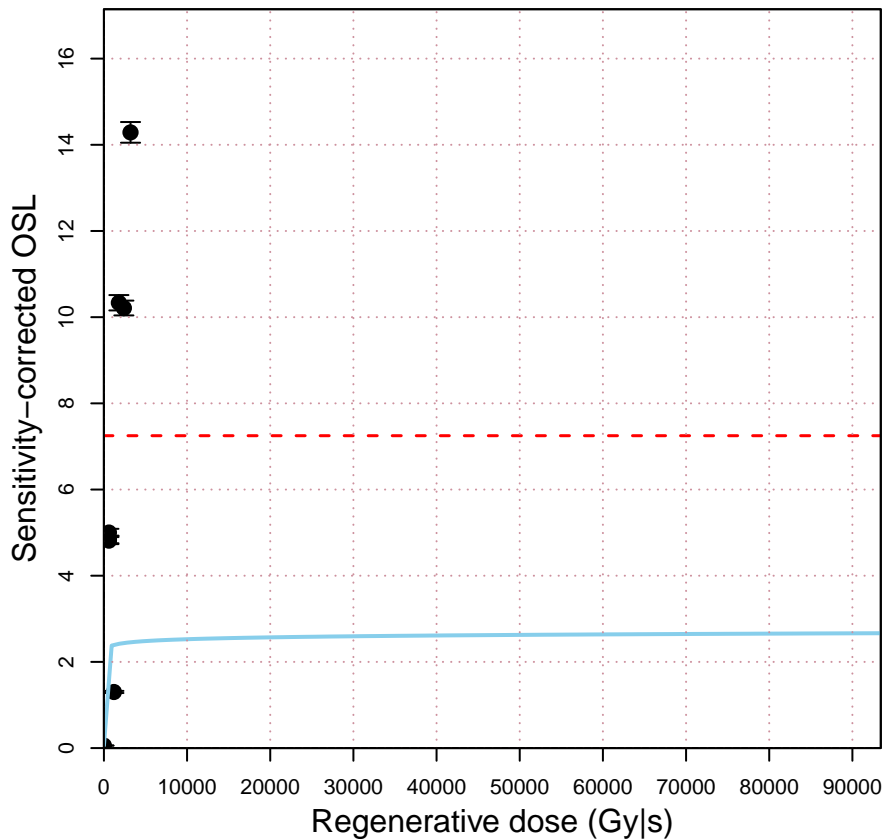
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=119, Position=3, Grain=19]

Status: Ln/Tn saturated

Tn: 2298.5 \pm 67.36

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.53 \pm 3.18

RSE of Tn: 2.93 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.99 \pm 0.05

Recycling ratio 2: 1.03 \pm 0.05

Recycling ratio 3: 1.04 \pm 0.05

Recuperation 1: 0.82 \pm 0.07 (%)

Recuperation 2: 0.41 \pm 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2766.85

Average error in fit: 2.11

Reduced Chi-Square: 922.28

Figure Of Merit: 215.35 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

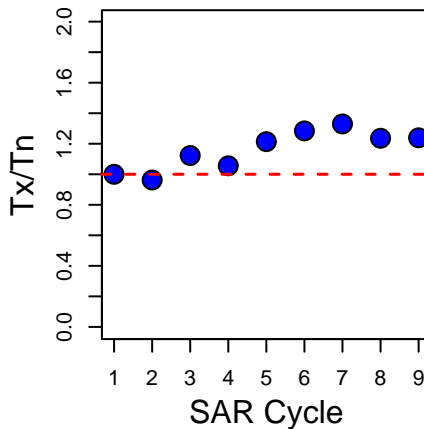
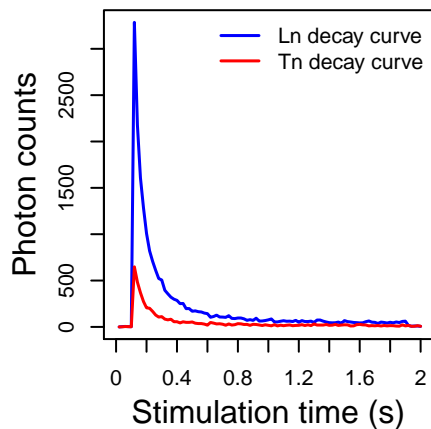
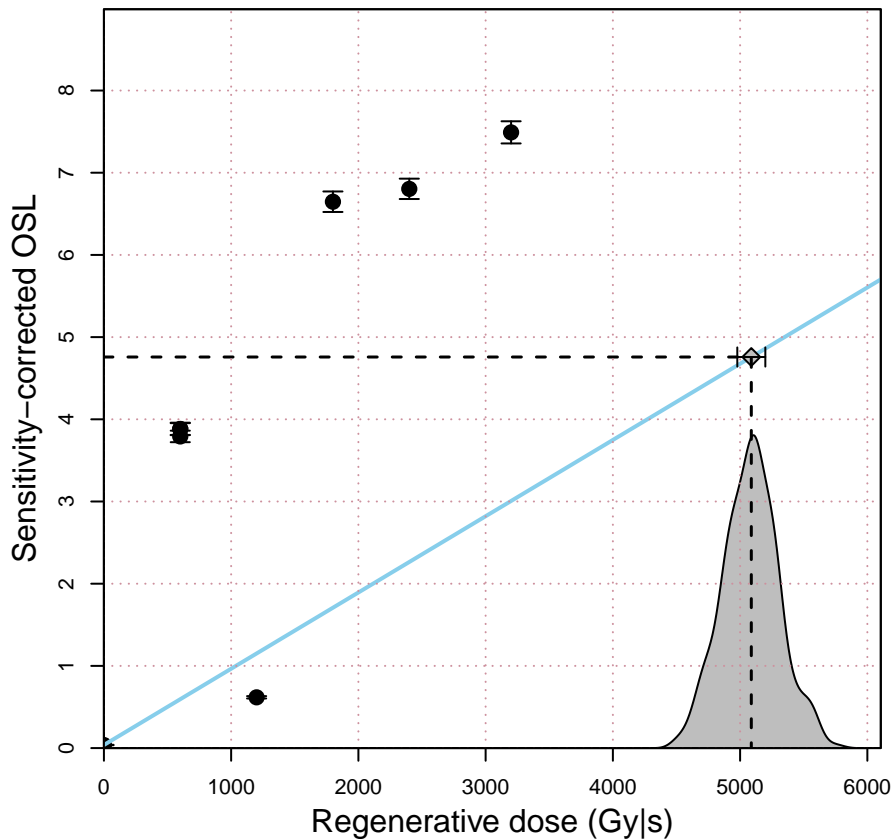
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=120, Position=3, Grain=20]

Status: OK

Tn: 1916 +/- 59

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 30.94 +/- 3.93

RSE of Tn: 3.08 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.98 +/- 0.05

Recycling ratio 2: 1 +/- 0.05

Recycling ratio 3: 1.02 +/- 0.05

Recuperation 1: 0.78 +/- 0.12 (%)

Recuperation 2: 0.5 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2878.94

Average error in fit: 1.23

Reduced Chi-Square: 959.65

Figure Of Merit: 243.93 (%)

calED method: Extrapolation

MC acceptance-rate: 99.21 (%)

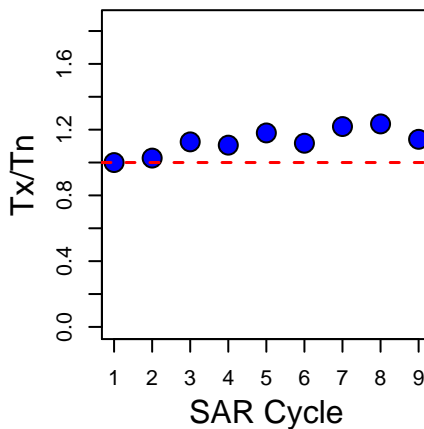
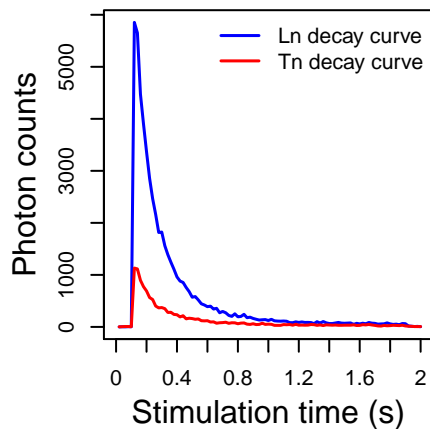
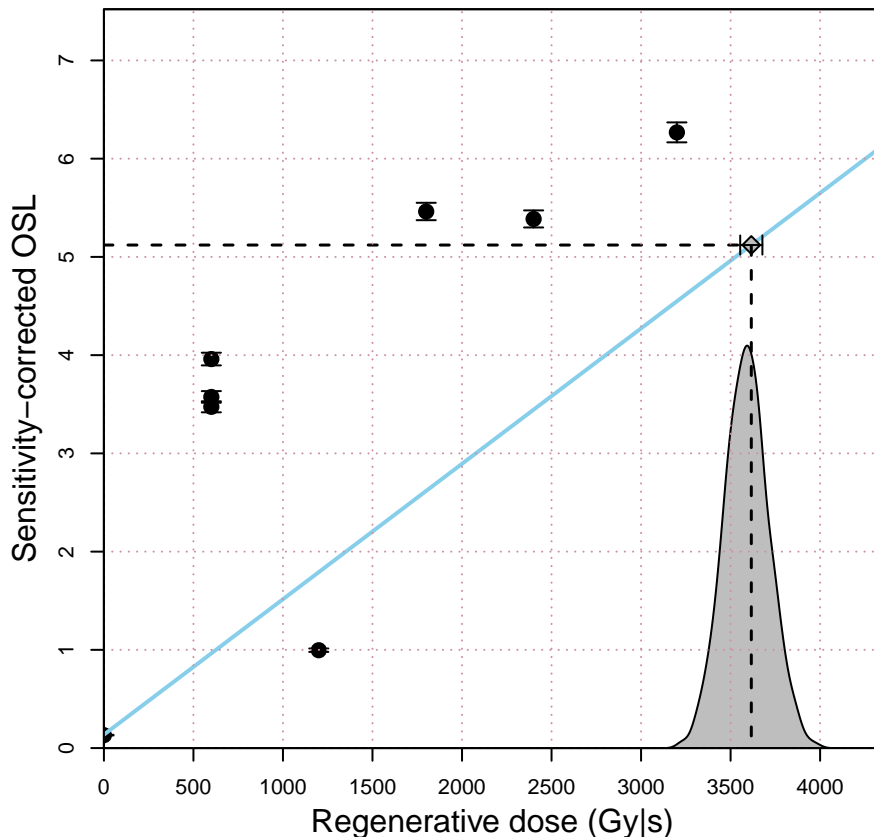
ED: 5087.98 +/- 220.22 (Gy/s)

RSE of ED: 4.33 (%)

95% interval: [4647.96, 5551.48]

68% interval: [4871.08, 5291.28]

Summary



ID: [NO=122, Position=3, Grain=22]

Status: OK

Tn: 4484 +/- 112.74

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 37.75 +/- 3.46

RSE of Tn: 2.51 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.04

Recycling ratio 2: 1.11 +/- 0.05

Recycling ratio 3: 1.14 +/- 0.05

Recuperation 1: 2.57 +/- 0.16 (%)

Recuperation 2: 2.1 +/- 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2508.59

Average error in fit: 0.77

Reduced Chi-Square: 836.2

Figure Of Merit: 99.94 (%)

calED method: Extrapolation

MC acceptance-rate: 99.8 (%)

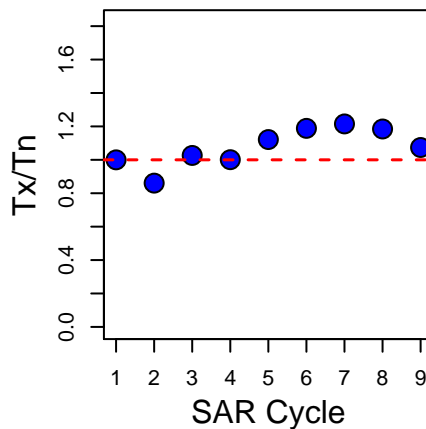
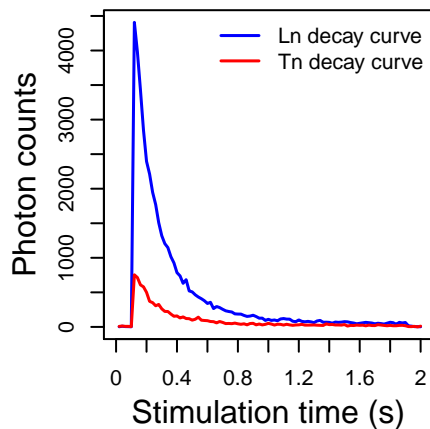
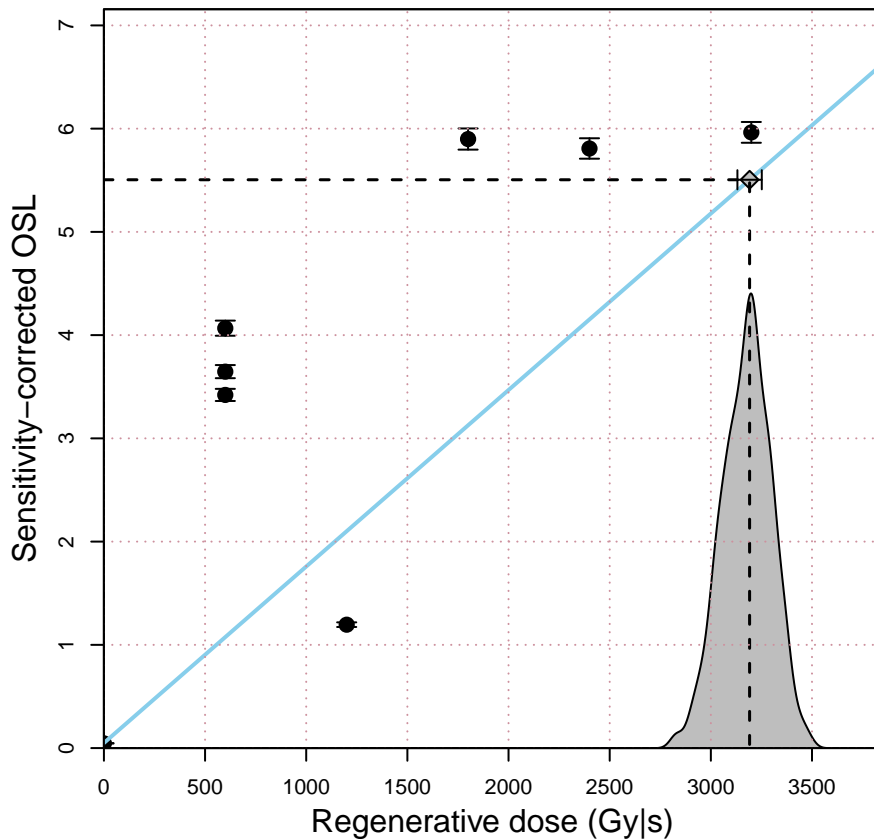
ED: 3615.73 +/- 123.95 (Gy/s)

RSE of ED: 3.43 (%)

95% interval: [3350.29, 3841.53]

68% interval: [3469.26, 3715.31]

Summary



ID: [NO=123, Position=3, Grain=23]

Status: OK

Tn: 3048.5 \pm 83.23

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.36 \pm 2.88

RSE of Tn: 2.73 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.84 \pm 0.04

Recycling ratio 2: 0.9 \pm 0.04

Recycling ratio 3: 1.07 \pm 0.05

Recuperation 1: 0.84 \pm 0.09 (%)

Recuperation 2: 0.77 \pm 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1890.24

Average error in fit: 0.71

Reduced Chi-Square: 630.08

Figure Of Merit: 75.34 (%)

calED method: Interpolation

MC acceptance-rate: 91.91 (%)

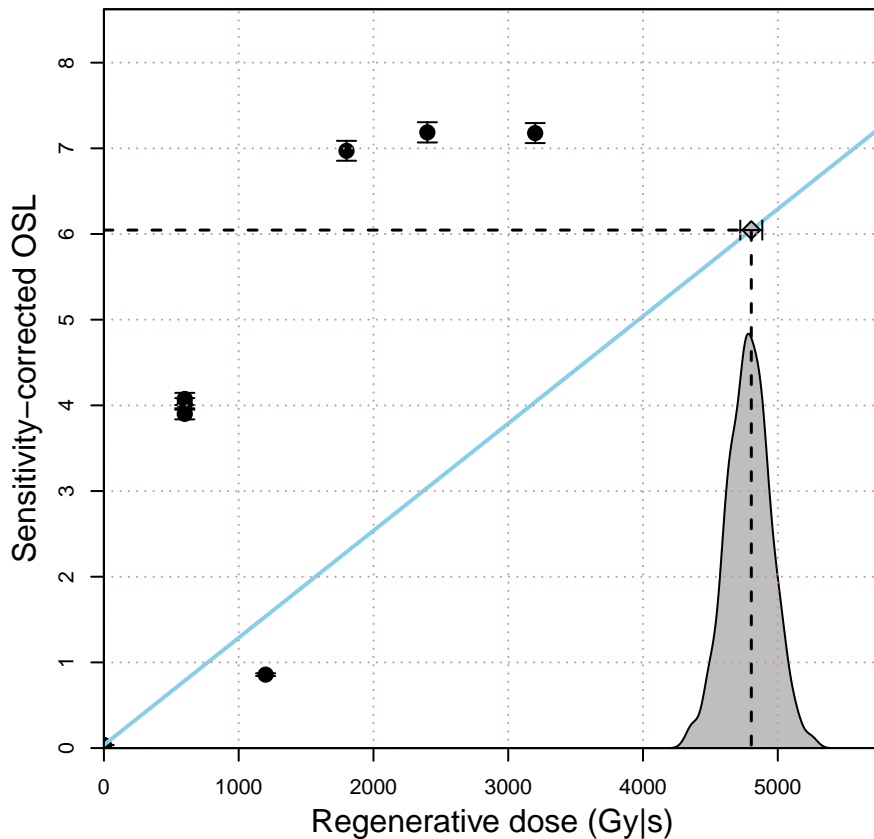
ED: 3191.51 \pm 120.43 (Gy/s)

RSE of ED: 3.77 (%)

95% interval: [2933.79, 3392.36]

68% interval: [3050.77, 3296.94]

Summary



ID: [NO=124, Position=3, Grain=24]

Status: OK

Tn: 3070 +/- 83.64

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 30.52 +/- 3.04

RSE of Tn: 2.72 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.99 +/- 0.05

Recycling ratio 2: 0.96 +/- 0.05

Recycling ratio 3: 0.97 +/- 0.05

Recuperation 1: 0.59 +/- 0.06 (%)

Recuperation 2: 0.5 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3058.31

Average error in fit: 1.12

Reduced Chi-Square: 1019.44

Figure Of Merit: 167.51 (%)

calED method: Extrapolation

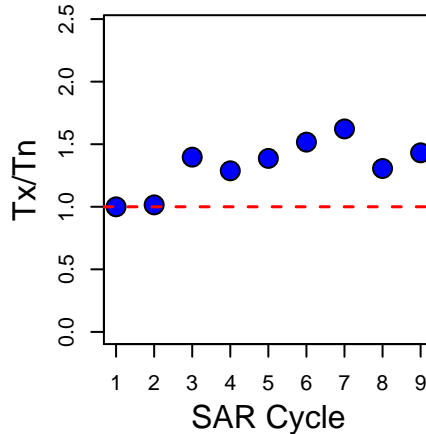
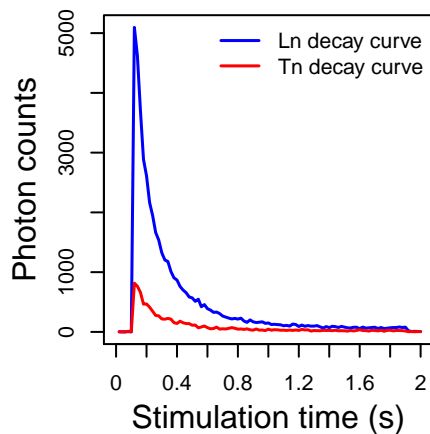
MC acceptance-rate: 99.8 (%)

ED: 4803.62 +/- 163.34 (Gy/s)

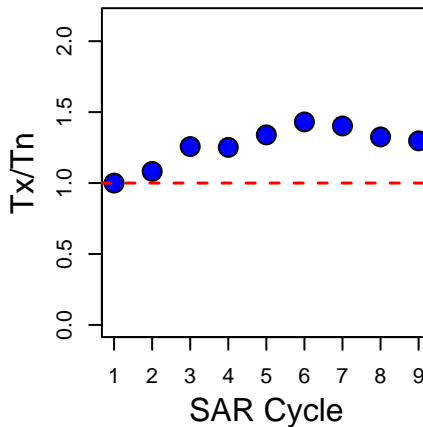
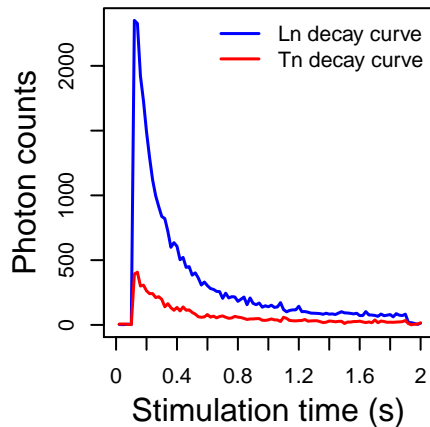
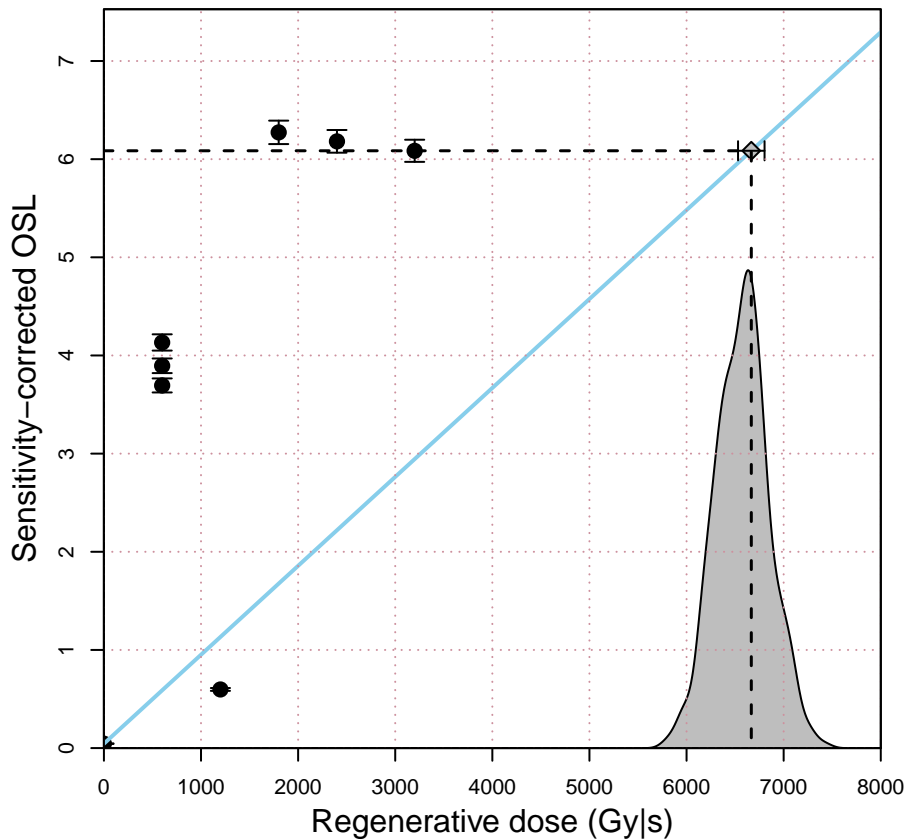
RSE of ED: 3.4 (%)

95% interval: [4467.91, 5112.23]

68% interval: [4625.8, 4943.92]



Summary



ID: [NO=125, Position=3, Grain=25]

Status: OK

Tn: 1551 +/- 51.88

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 14.03 +/- 1.33

RSE of Tn: 3.35 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.05

Recycling ratio 2: 0.89 +/- 0.05

Recycling ratio 3: 0.95 +/- 0.05

Recuperation 1: 0.74 +/- 0.11 (%)

Recuperation 2: 0.72 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2628.9

Average error in fit: 1.12

Reduced Chi-Square: 876.3

Figure Of Merit: 226.84 (%)

calED method: Extrapolation

MC acceptance-rate: 99.6 (%)

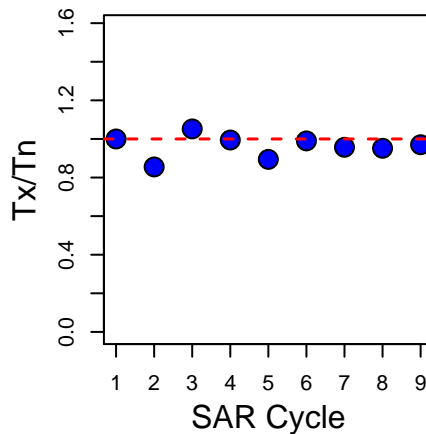
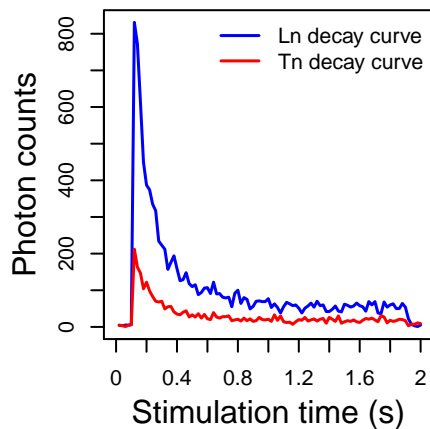
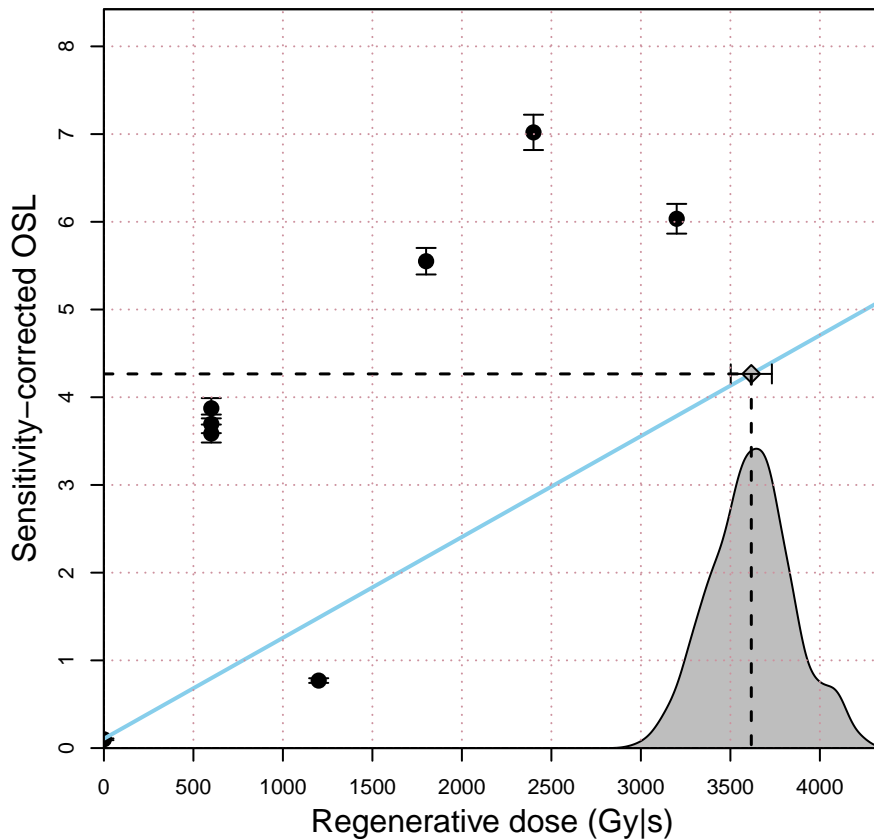
ED: 6666.86 +/- 272.92 (Gy/s)

RSE of ED: 4.09 (%)

95% interval: [6045.46, 7111.66]

68% interval: [6298.96, 6823.68]

Summary



ID: [NO=126, Position=3, Grain=26]

Status: OK

Tn: 652.5 +/- 31.08

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 7.83 +/- 0.85

RSE of Tn: 4.76 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.08

Recycling ratio 2: 0.93 +/- 0.08

Recycling ratio 3: 0.97 +/- 0.08

Recuperation 1: 2.35 +/- 0.48 (%)

Recuperation 2: 1.43 +/- 0.29 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1005.32

Average error in fit: 0.97

Reduced Chi-Square: 335.11

Figure Of Merit: 150.36 (%)

calED method: Extrapolation

MC acceptance-rate: 99.8 (%)

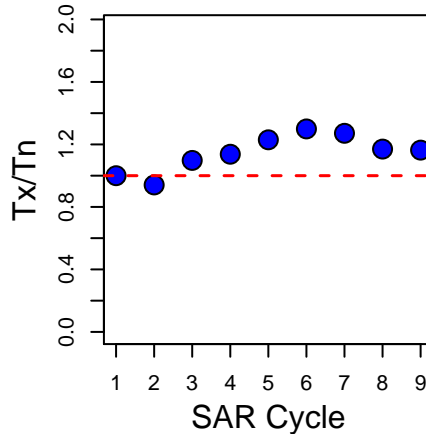
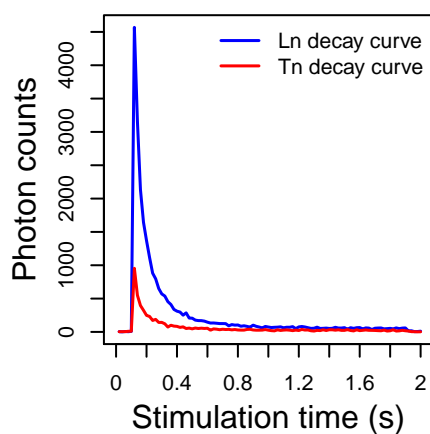
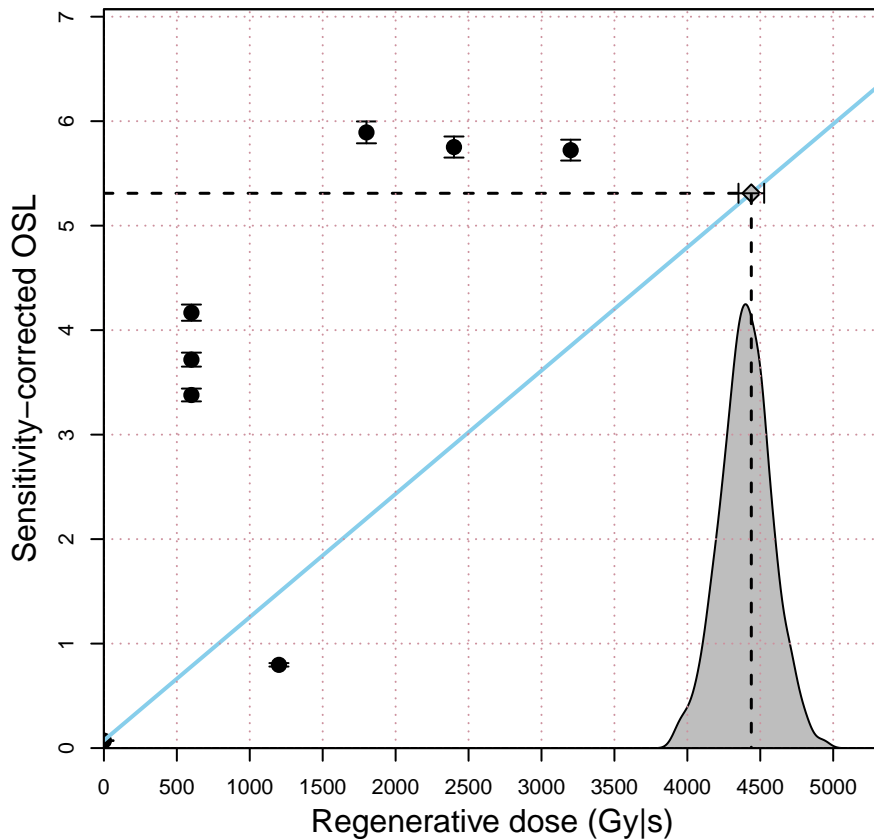
ED: 3616.89 +/- 229.88 (Gy/s)

RSE of ED: 6.36 (%)

95% interval: [3178.91, 4101.86]

68% interval: [3383.03, 3836.32]

Summary



ID: [NO=127, Position=3, Grain=27]

Status: OK

Tn: 2374.5 +/- 69.11

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 25.35 +/- 2.62

RSE of Tn: 2.91 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.05

Recycling ratio 2: 0.81 +/- 0.04

Recycling ratio 3: 0.91 +/- 0.05

Recuperation 1: 1.34 +/- 0.14 (%)

Recuperation 2: 1.21 +/- 0.12 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2444.59

Average error in fit: 0.91

Reduced Chi-Square: 814.86

Figure Of Merit: 140.25 (%)

calED method: Extrapolation

MC acceptance-rate: 97.85 (%)

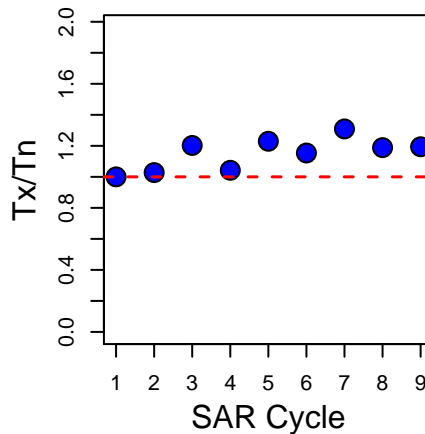
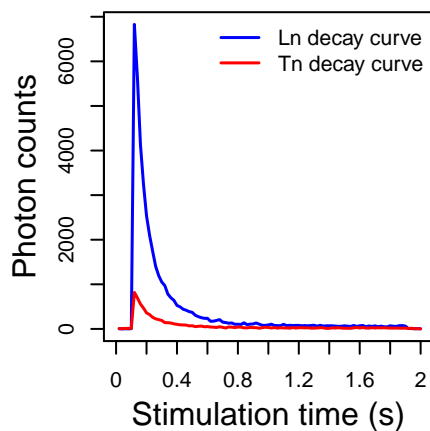
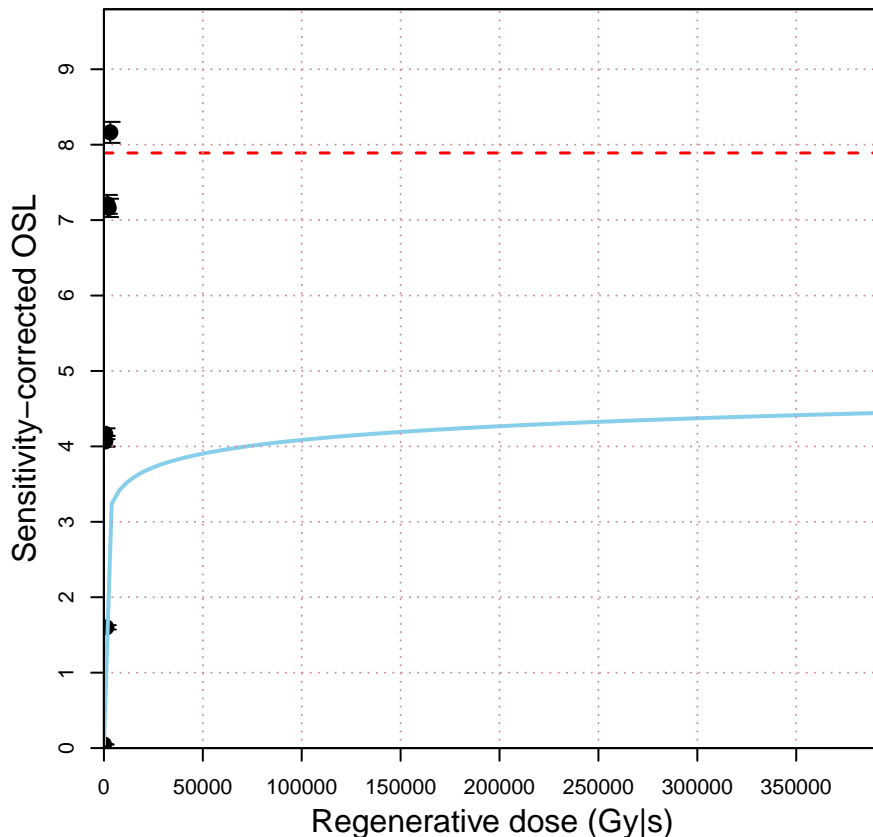
ED: 4438.53 +/- 176.12 (Gy/s)

RSE of ED: 3.97 (%)

95% interval: [4044.77, 4749.9]

68% interval: [4232.94, 4574.18]

Summary



ID: [NO=128, Position=3, Grain=28]

Status: Ln/Tn saturated

Tn: 2798.5 \pm 77.98

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.13 \pm 2.97

RSE of Tn: 2.79 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1 \pm 0.05

Recycling ratio 2: 1.02 \pm 0.05

Recycling ratio 3: 1.02 \pm 0.05

Recuperation 1: 0.61 \pm 0.06 (%)

Recuperation 2: 0.59 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1675.54

Average error in fit: 1.02

Reduced Chi-Square: 558.51

Figure Of Merit: 90.57 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

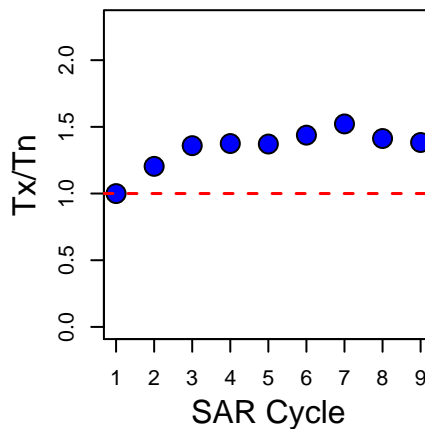
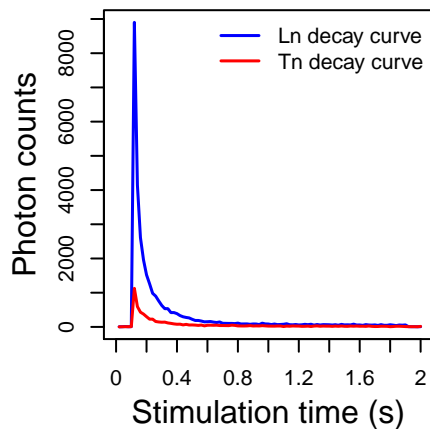
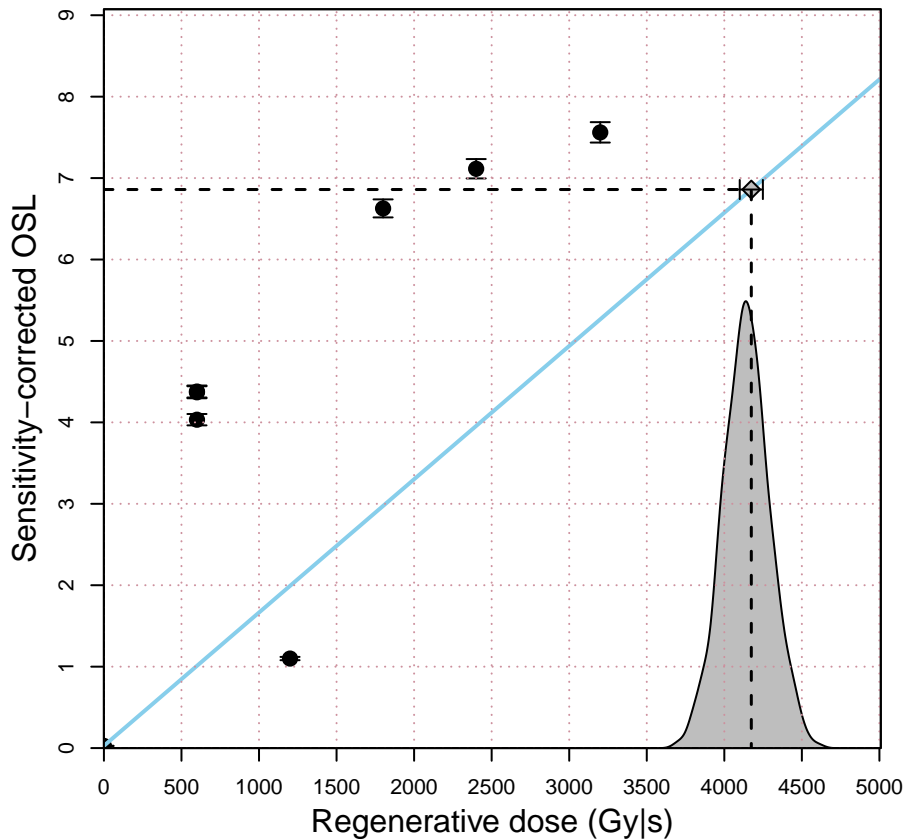
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=129, Position=3, Grain=29]

Status: OK

Tn: 2751.5 \pm 76.75

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 38.44 \pm 4.54

RSE of Tn: 2.79 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.09 \pm 0.05

Recycling ratio 2: 1.08 \pm 0.05

Recycling ratio 3: 1 \pm 0.05

Recuperation 1: 0.4 \pm 0.05 (%)

Recuperation 2: 0.36 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2541.77

Average error in fit: 0.98

Reduced Chi-Square: 847.26

Figure Of Merit: 114.54 (%)

calED method: Extrapolation

MC acceptance-rate: 99.8 (%)

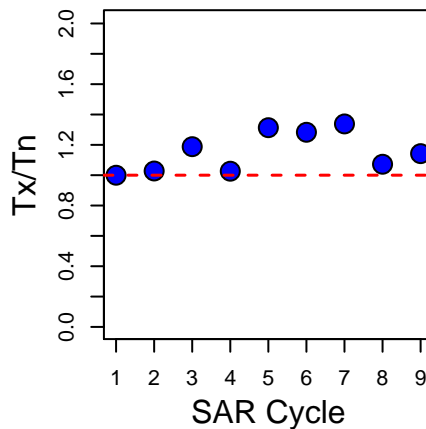
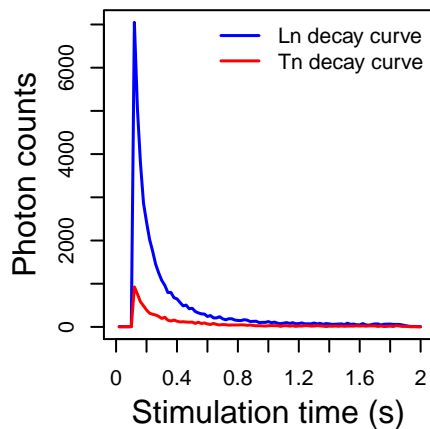
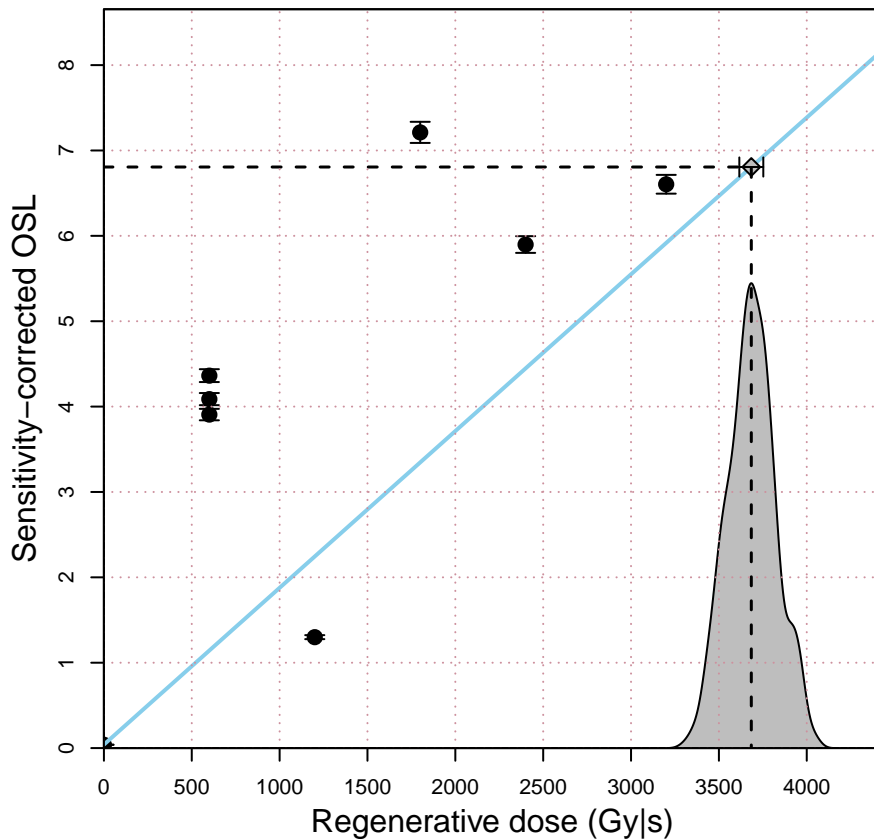
ED: 4174.05 \pm 149.21 (Gy/s)

RSE of ED: 3.57 (%)

95% interval: [3856.1, 4448.08]

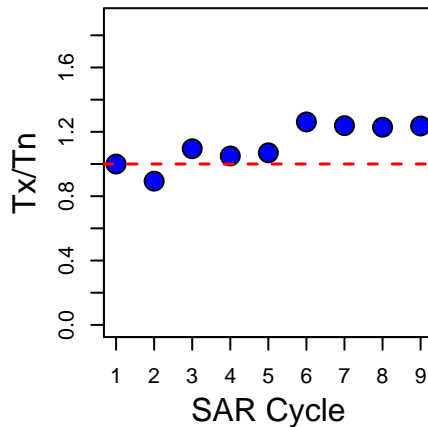
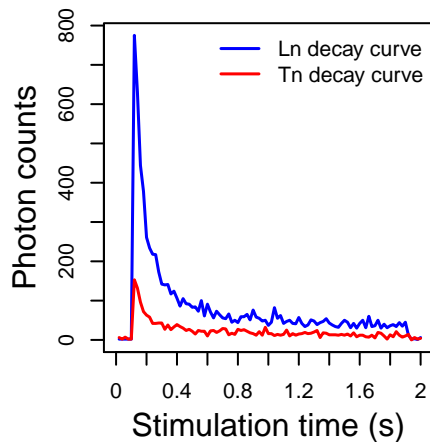
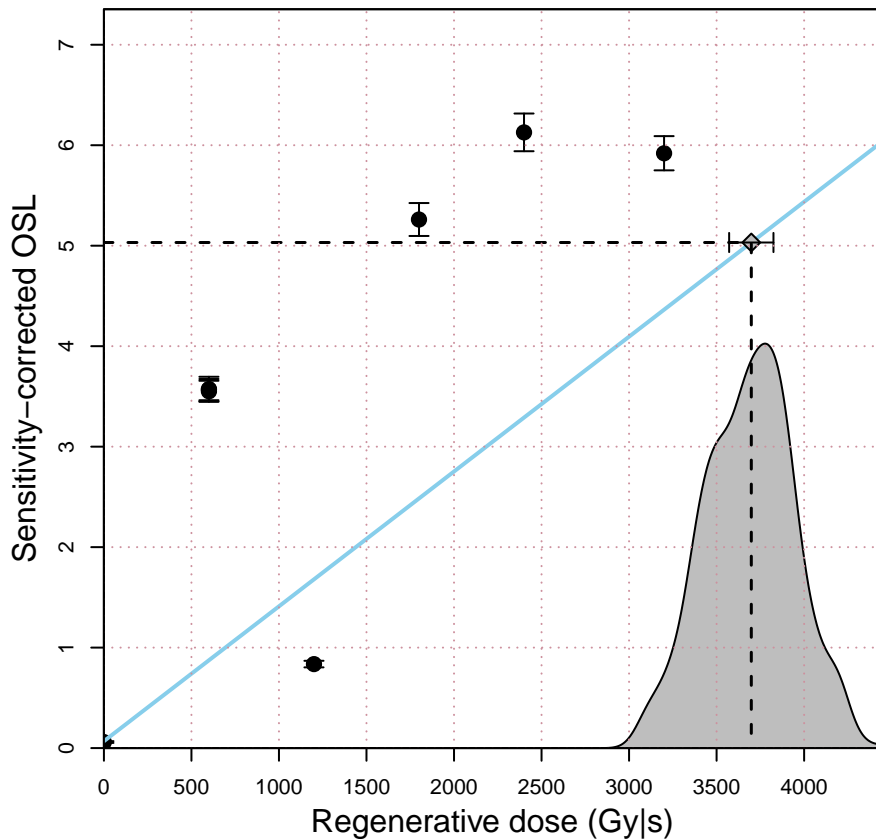
68% interval: [3995.95, 4296.13]

Summary



| |
|------------------------------------|
| ID: [NO=130, Position=3, Grain=30] |
| Status: OK |
| Tn: 3074 +/- 83.47 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 41.45 +/- 4.81 |
| RSE of Tn: 2.72 (%) |
| Fast ratio of Tn: NA +/- NA |
| Recycling ratio 1: 1.07 +/- 0.05 |
| Recycling ratio 2: 0.96 +/- 0.05 |
| Recycling ratio 3: 0.9 +/- 0.04 |
| Recuperation 1: 0.58 +/- 0.06 (%) |
| Recuperation 2: 0.54 +/- 0.06 (%) |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 2028.15 |
| Average error in fit: 0.84 |
| Reduced Chi-Square: 676.05 |
| Figure Of Merit: 81.75 (%) |
| calED method: Extrapolation |
| MC acceptance-rate: 100 (%) |
| ED: 3684.46 +/- 136.4 (Gy/s) |
| RSE of ED: 3.7 (%) |
| 95% interval: [3426.25, 3960.4] |
| 68% interval: [3547.89, 3819.13] |

Summary



ID: [NO=131, Position=3, Grain=31]

Status: OK

Tn: 456.5 +/- 25.08

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 8.67 +/- 1.19

RSE of Tn: 5.49 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1 +/- 0.09

Recycling ratio 2: 0.99 +/- 0.09

Recycling ratio 3: 1 +/- 0.08

Recuperation 1: 1.19 +/- 0.36 (%)

Recuperation 2: 0.98 +/- 0.3 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 765.41

Average error in fit: 0.8

Reduced Chi-Square: 255.14

Figure Of Merit: 110.94 (%)

calED method: Extrapolation

MC acceptance-rate: 95.06 (%)

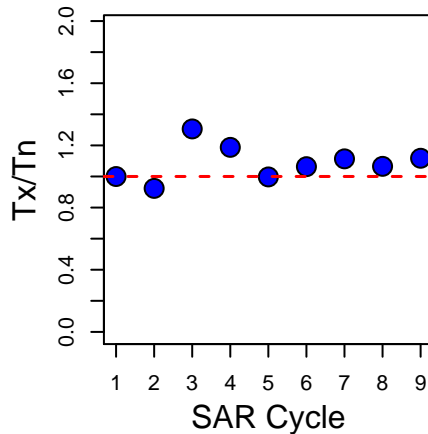
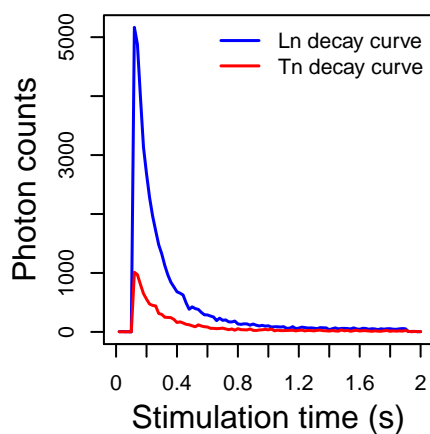
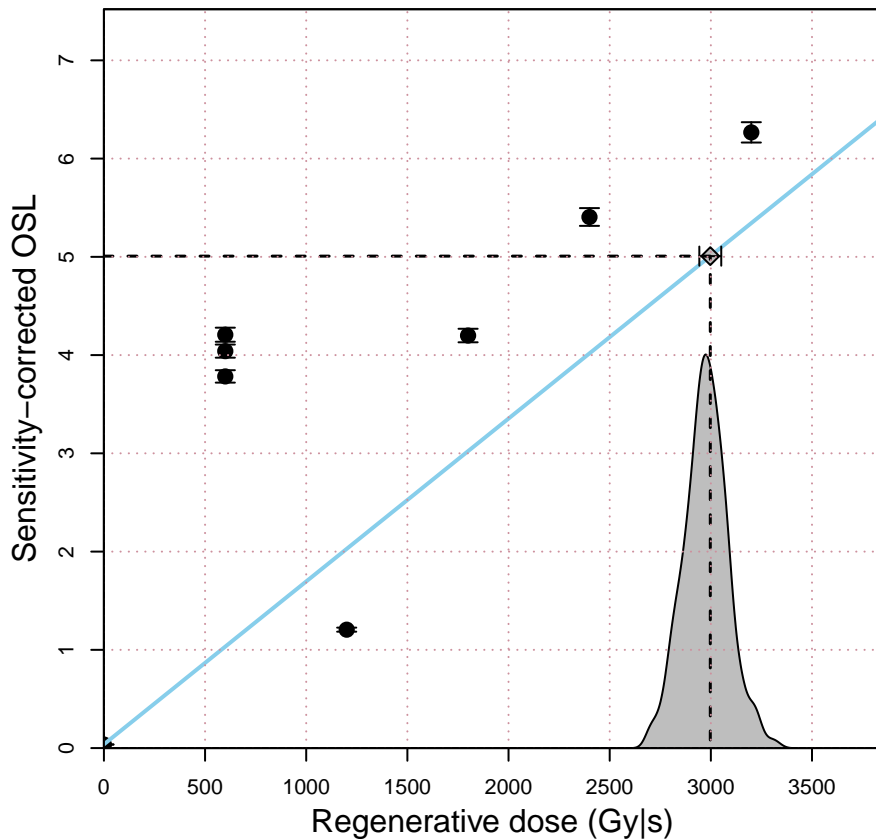
ED: 3698.34 +/- 253.24 (Gy/s)

RSE of ED: 6.85 (%)

95% interval: [3186.46, 4194.2]

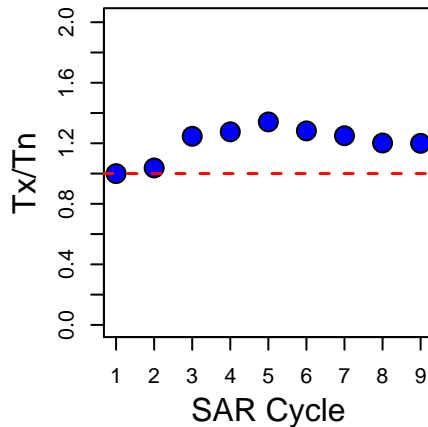
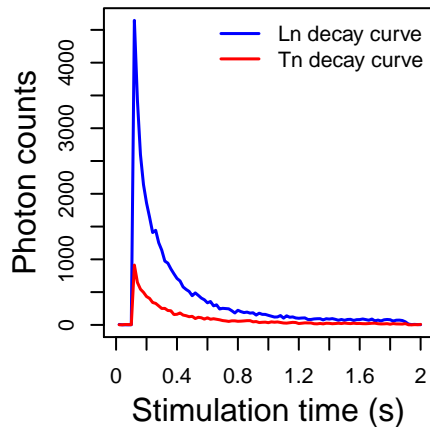
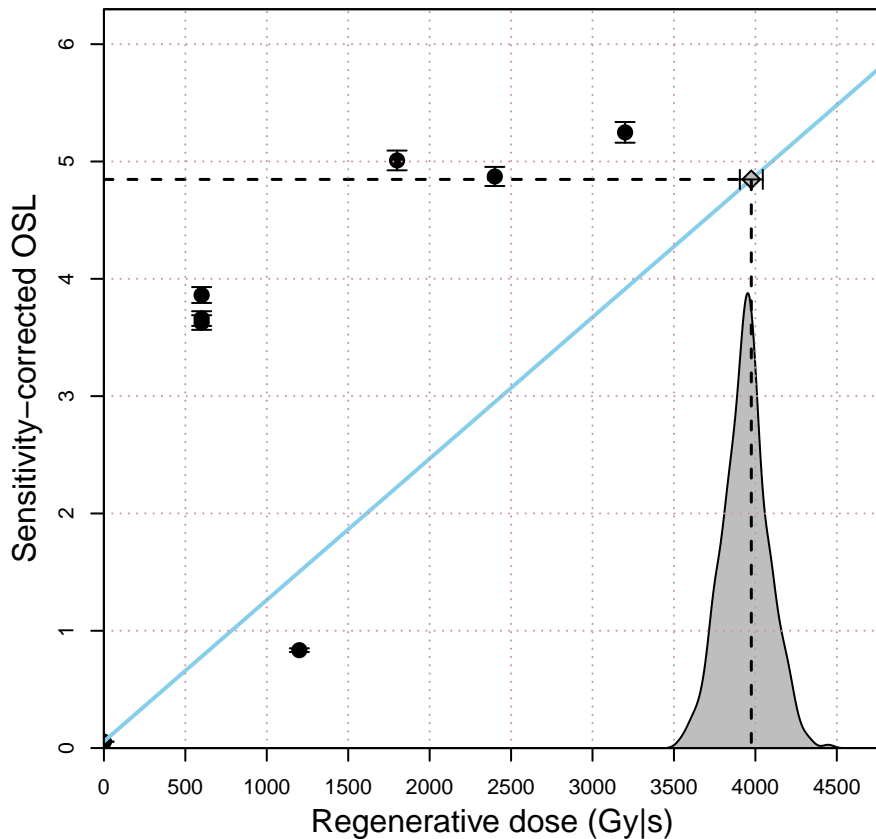
68% interval: [3425.13, 3928.93]

Summary



| |
|------------------------------------|
| ID: [NO=132, Position=3, Grain=32] |
| Status: OK |
| Tn: 3912.5 +/- 100.78 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 49.6 +/- 5.58 |
| RSE of Tn: 2.58 (%) |
| Fast ratio of Tn: NA +/- NA |
| Recycling ratio 1: 0.9 +/- 0.04 |
| Recycling ratio 2: 0.96 +/- 0.05 |
| Recycling ratio 3: 1.07 +/- 0.05 |
| Recuperation 1: 0.73 +/- 0.08 (%) |
| Recuperation 2: 0.58 +/- 0.06 (%) |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 2025.62 |
| Average error in fit: 0.7 |
| Reduced Chi-Square: 675.21 |
| Figure Of Merit: 75.48 (%) |
| calED method: Interpolation |
| MC acceptance-rate: 98.81 (%) |
| ED: 2997.25 +/- 108.47 (Gy/s) |
| RSE of ED: 3.62 (%) |
| 95% interval: [2760.14, 3209.63] |
| 68% interval: [2869.91, 3077.74] |

Summary



ID: [NO=134, Position=3, Grain=34]

Status: OK

Tn: 2955.5 \pm 81.06

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 37.71 \pm 4.26

RSE of Tn: 2.74 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.95 \pm 0.05

Recycling ratio 2: 0.94 \pm 0.05

Recycling ratio 3: 0.99 \pm 0.05

Recuperation 1: 1.13 \pm 0.11 (%)

Recuperation 2: 1.04 \pm 0.1 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2486.46

Average error in fit: 0.79

Reduced Chi-Square: 828.82

Figure Of Merit: 119.52 (%)

calED method: Extrapolation

MC acceptance-rate: 99.6 (%)

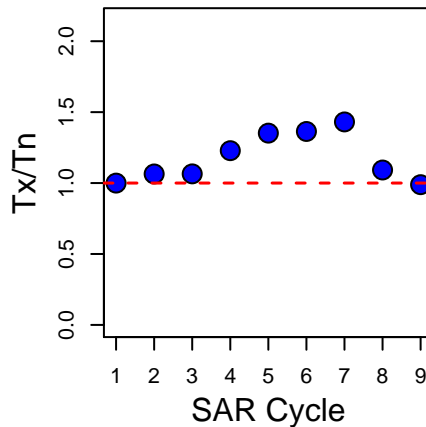
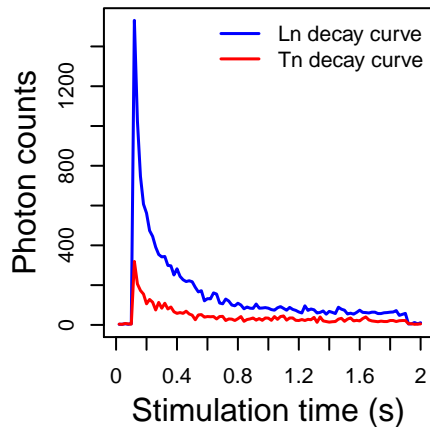
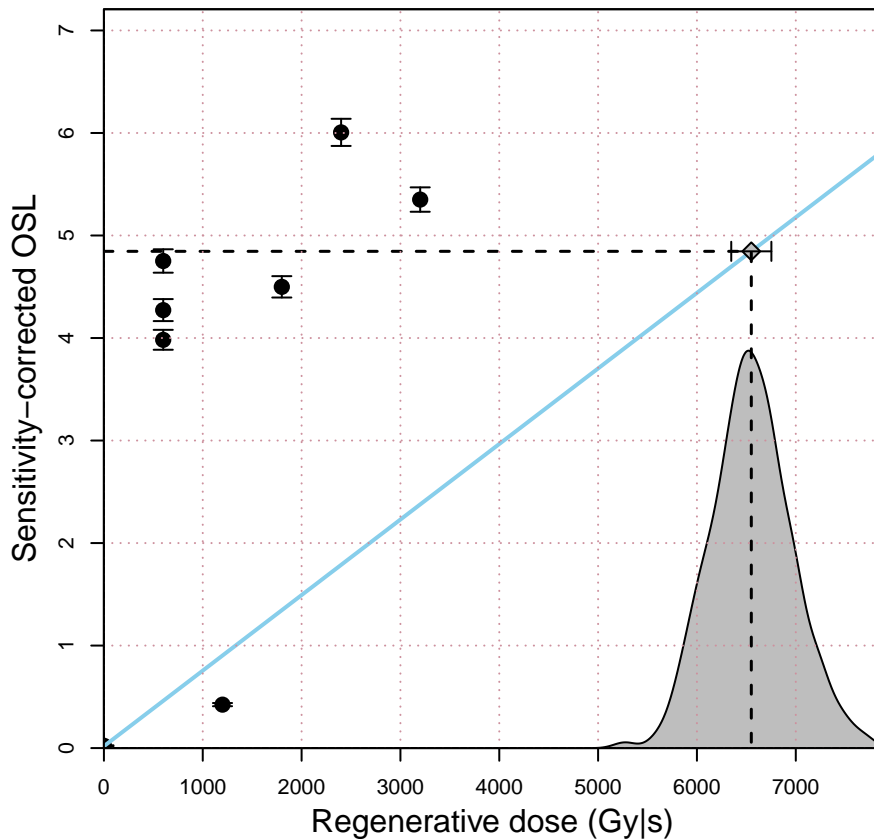
ED: 3975.01 \pm 140.9 (Gy/s)

RSE of ED: 3.54 (%)

95% interval: [3671.85, 4218.5]

68% interval: [3804.7, 4080.74]

Summary



ID: [NO=136, Position=3, Grain=36]

Status: OK

Tn: 861.5 +/- 36.12

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 9.84 +/- 1.05

RSE of Tn: 4.19 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.19 +/- 0.08

Recycling ratio 2: 1.07 +/- 0.08

Recycling ratio 3: 0.9 +/- 0.06

Recuperation 1: 0.47 +/- 0.18 (%)

Recuperation 2: 0.38 +/- 0.15 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1875.21

Average error in fit: 1.13

Reduced Chi-Square: 625.07

Figure Of Merit: 287.43 (%)

calED method: Extrapolation

MC acceptance-rate: 94.7 (%)

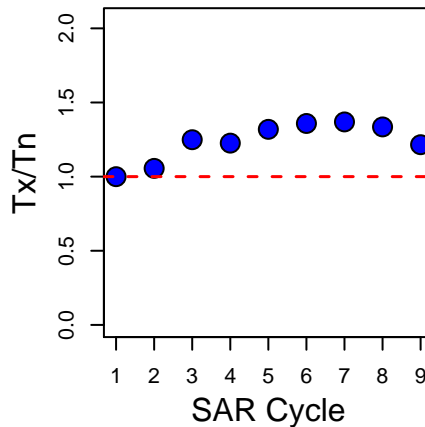
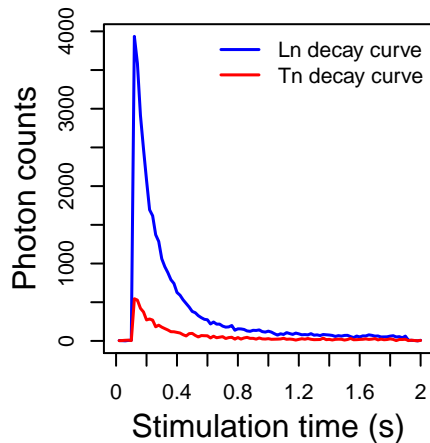
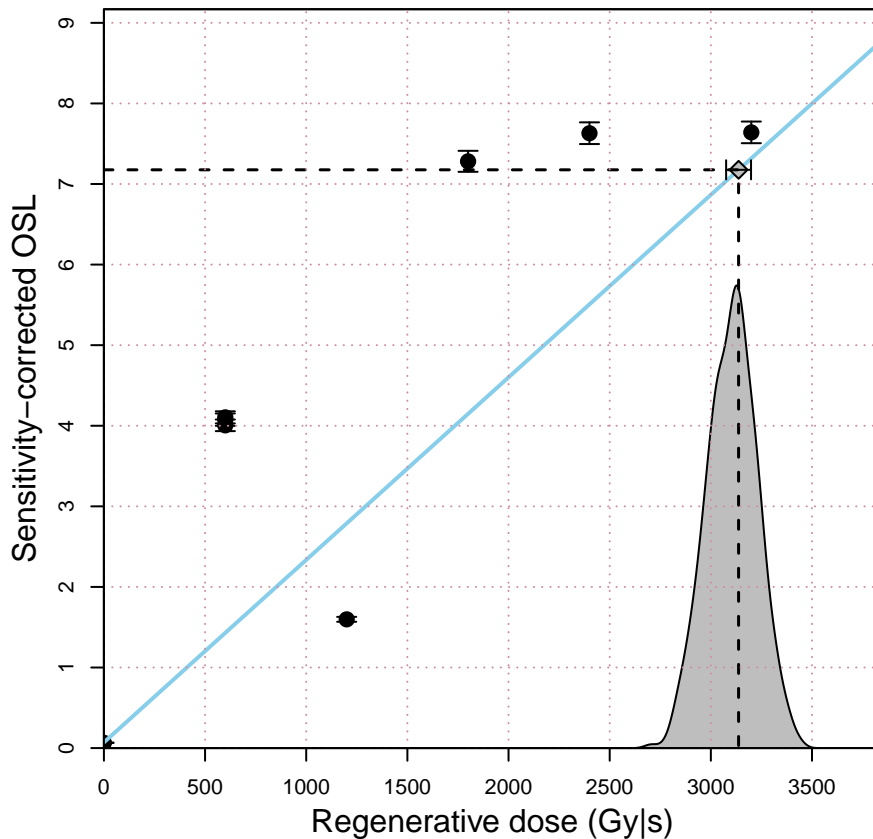
ED: 6550.06 +/- 405.96 (Gy/s)

RSE of ED: 6.2 (%)

95% interval: [5803.35, 7408.4]

68% interval: [6150.46, 6955.74]

Summary



ID: [NO=137, Position=3, Grain=37]

Status: OK

Tn: 2050.5 \pm 62.16

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.43 \pm 2.67

RSE of Tn: 3.03 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.98 \pm 0.05

Recycling ratio 2: 1.01 \pm 0.05

Recycling ratio 3: 1.02 \pm 0.05

Recuperation 1: 0.92 \pm 0.09 (%)

Recuperation 2: 0.86 \pm 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1525.89

Average error in fit: 0.76

Reduced Chi-Square: 508.63

Figure Of Merit: 60.82 (%)

calED method: Interpolation

MC acceptance-rate: 98.62 (%)

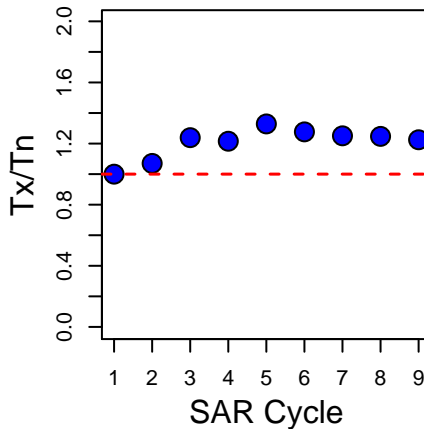
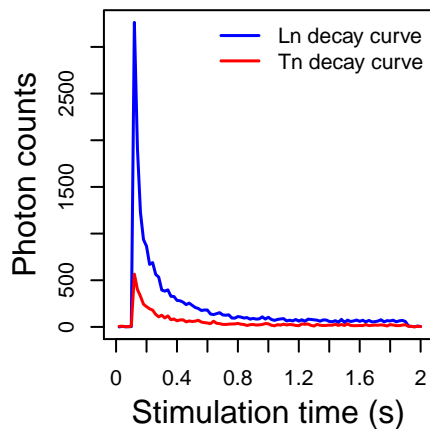
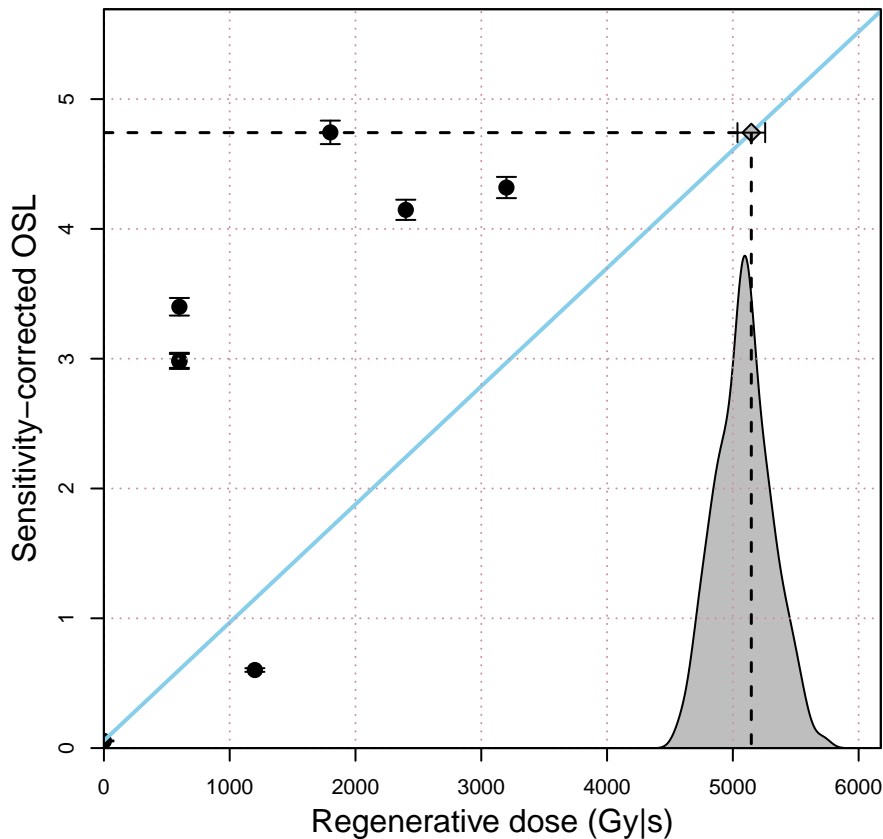
ED: 3137.1 \pm 123.13 (Gy/s)

RSE of ED: 3.92 (%)

95% interval: [2861.63, 3330.61]

68% interval: [2979.51, 3227.55]

Summary



ID: [NO=138, Position=3, Grain=38]
=====

Status: OK
=====

Tn: 1663.5 +/- 53.94
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 18.98 +/- 2.03
RSE of Tn: 3.24 (%)
Fast ratio of Tn: NA +/- NA
=====

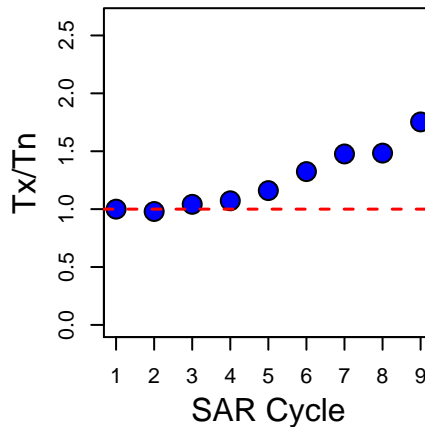
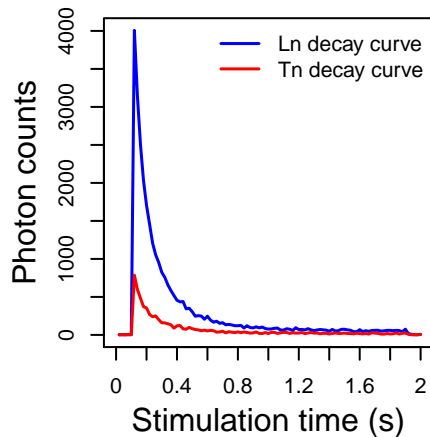
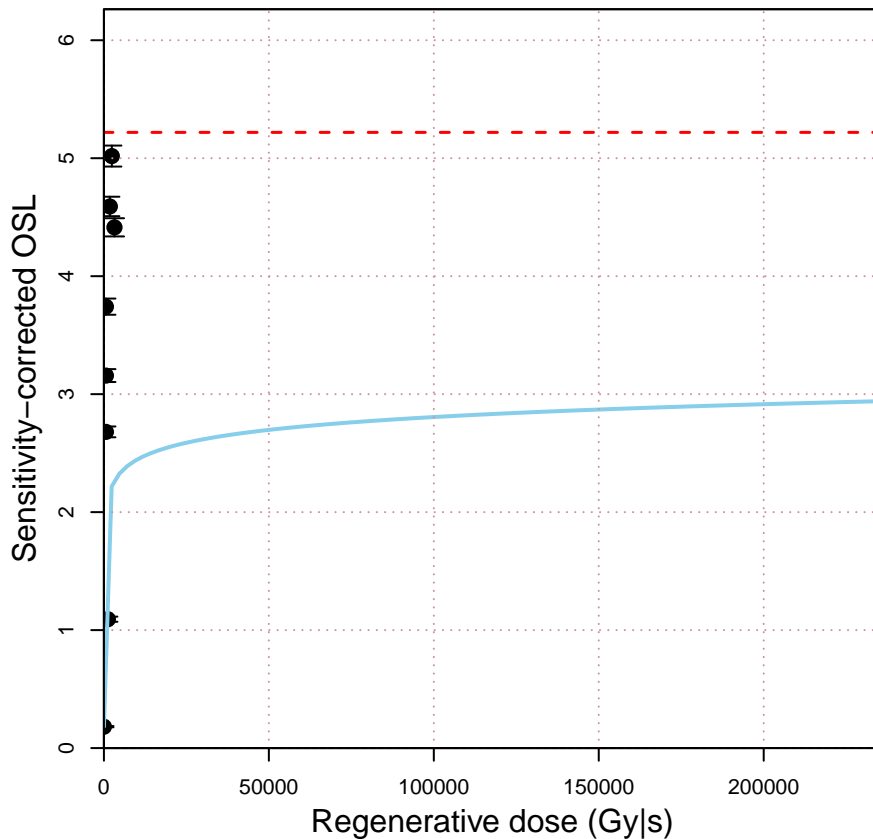
Recycling ratio 1: 0.88 +/- 0.05
Recycling ratio 2: 0.88 +/- 0.05
Recycling ratio 3: 1 +/- 0.05
=====

Recuperation 1: 1.16 +/- 0.16 (%)
Recuperation 2: 1.16 +/- 0.16 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2149.77
Average error in fit: 0.73
Reduced Chi-Square: 716.59
Figure Of Merit: 145.19 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 98.81 (%)
ED: 5146.84 +/- 220.25 (Gy/s)
RSE of ED: 4.28 (%)
95% interval: [4678.5, 5526.29]
68% interval: [4856.87, 5307.51]

Summary



ID: [NO=139, Position=3, Grain=39]

Status: Ln/Tn saturated

Tn: 2512 \pm 71.85

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 30.9 \pm 3.43

RSE of Tn: 2.86 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.84 \pm 0.04

Recycling ratio 2: 0.72 \pm 0.04

Recycling ratio 3: 0.85 \pm 0.04

Recuperation 1: 3.47 \pm 0.24 (%)

Recuperation 2: 3.61 \pm 0.24 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1530.82

Average error in fit: 0.61

Reduced Chi-Square: 510.27

Figure Of Merit: 79.88 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

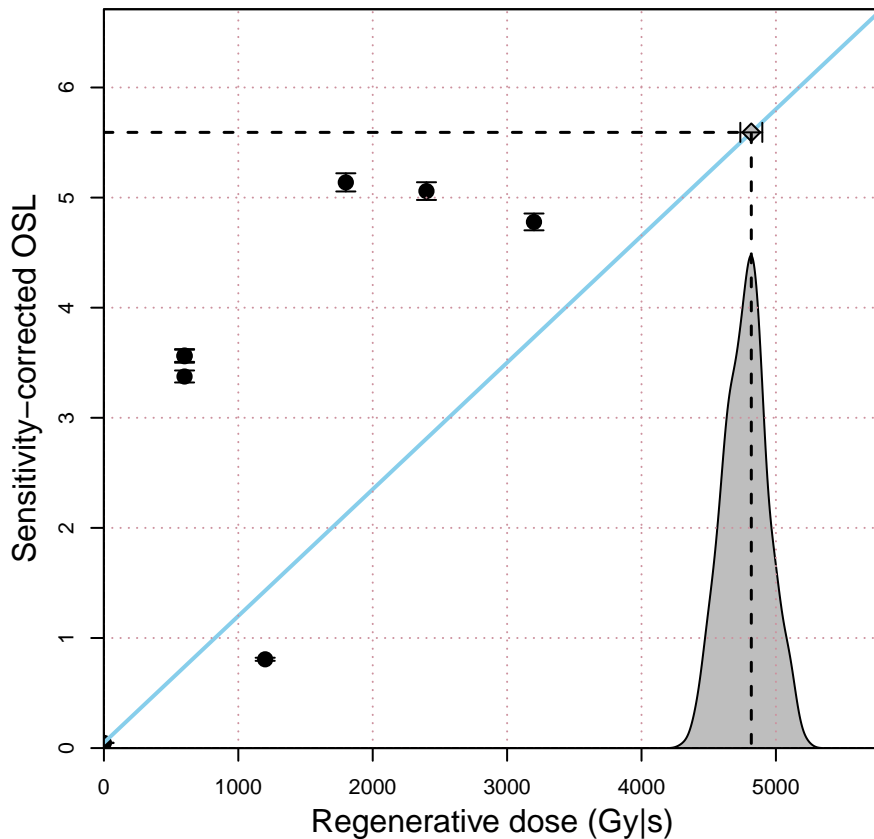
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=140, Position=3, Grain=40]

Status: OK

Tn: 4071.5 +/- 104.31

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.36 +/- 3.29

RSE of Tn: 2.56 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.04

Recycling ratio 2: 1 +/- 0.05

Recycling ratio 3: 1.06 +/- 0.05

Recuperation 1: 0.85 +/- 0.07 (%)

Recuperation 2: 0.92 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2812.74

Average error in fit: 0.78

Reduced Chi-Square: 937.58

Figure Of Merit: 123.16 (%)

calED method: Extrapolation

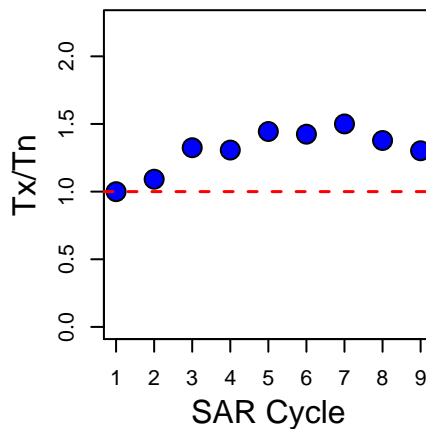
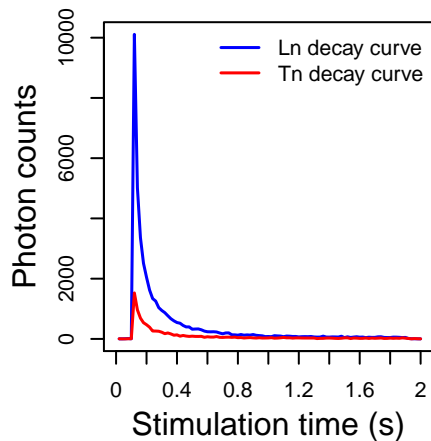
MC acceptance-rate: 100 (%)

ED: 4816.99 +/- 163.62 (Gy/s)

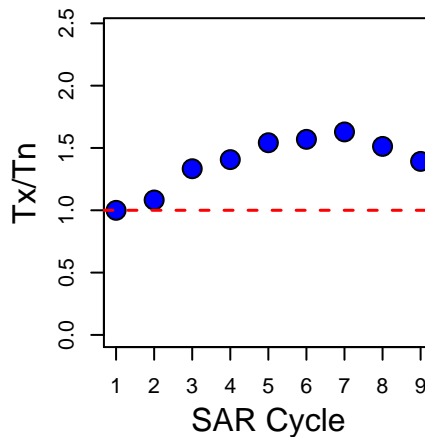
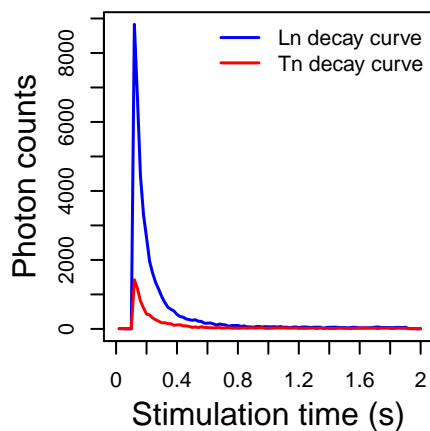
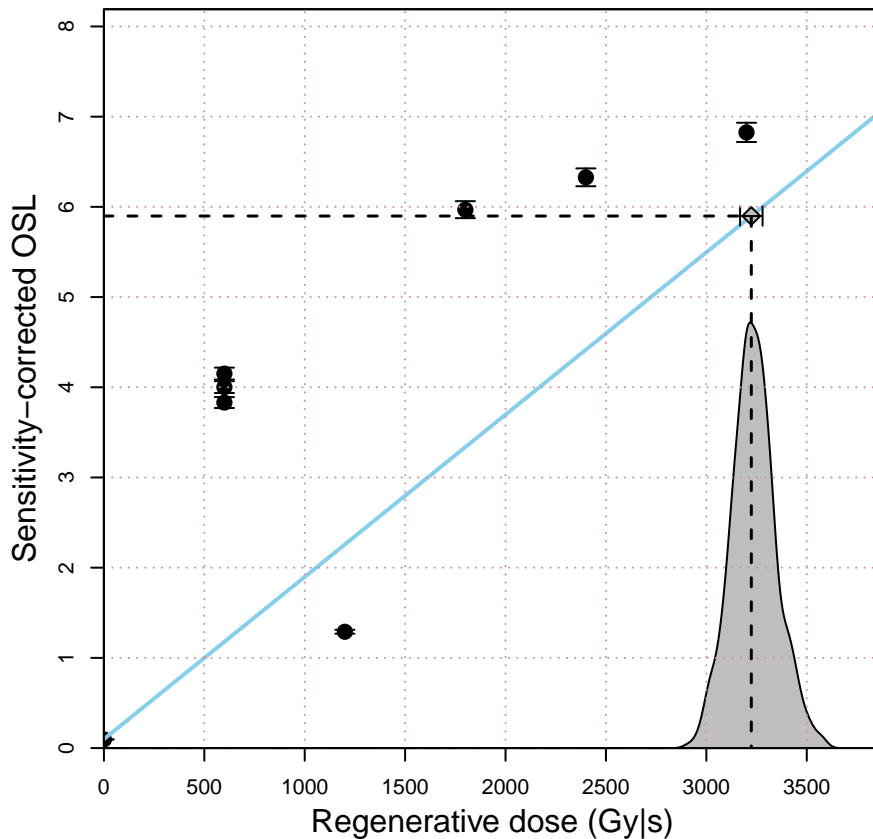
RSE of ED: 3.4 (%)

95% interval: [4469.93, 5097.16]

68% interval: [4610.79, 4937.83]

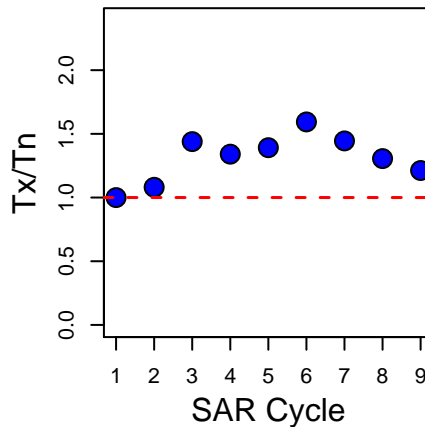
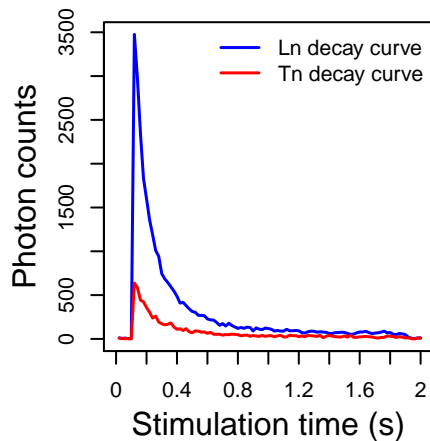
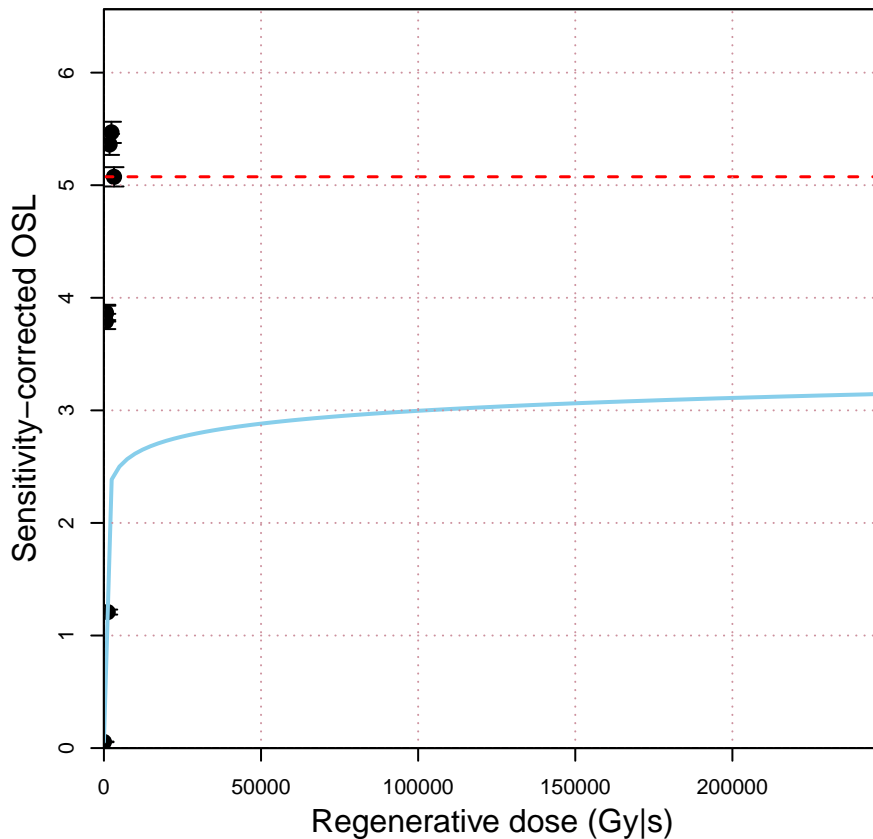


Summary



| |
|------------------------------------|
| ID: [NO=141, Position=3, Grain=41] |
| ===== |
| Status: OK |
| ===== |
| Tn: 4365 +/- 110.08 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 51.17 +/- 5.54 |
| RSE of Tn: 2.52 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.96 +/- 0.04 |
| Recycling ratio 2: 1.04 +/- 0.05 |
| Recycling ratio 3: 1.08 +/- 0.05 |
| ===== |
| Recuperation 1: 1.62 +/- 0.1 (%) |
| Recuperation 2: 1.4 +/- 0.09 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 2268.06 |
| Average error in fit: 0.75 |
| Reduced Chi-Square: 756.02 |
| Figure Of Merit: 76.58 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: 97.47 (%) |
| ED: 3223.89 +/- 112.01 (Gy/s) |
| RSE of ED: 3.47 (%) |
| 95% interval: [3017.76, 3466.81] |
| 68% interval: [3131.42, 3340.15] |

Summary



ID: [NO=142, Position=3, Grain=42]

Status: Ln/Tn saturated

Tn: 2346 +/- 68.57

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 23.78 +/- 2.39

RSE of Tn: 2.92 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1 +/- 0.05

Recycling ratio 2: 0.98 +/- 0.05

Recycling ratio 3: 0.98 +/- 0.05

Recuperation 1: 1.08 +/- 0.12 (%)

Recuperation 2: 1.01 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1786.79

Average error in fit: 0.74

Reduced Chi-Square: 595.6

Figure Of Merit: 93.45 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

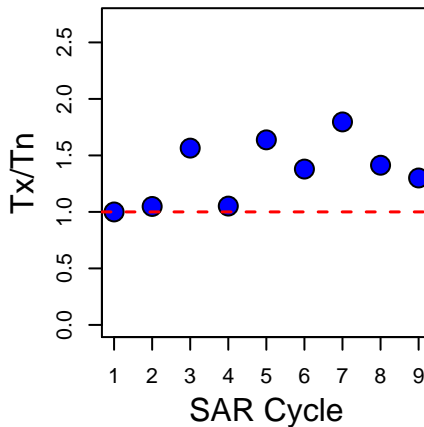
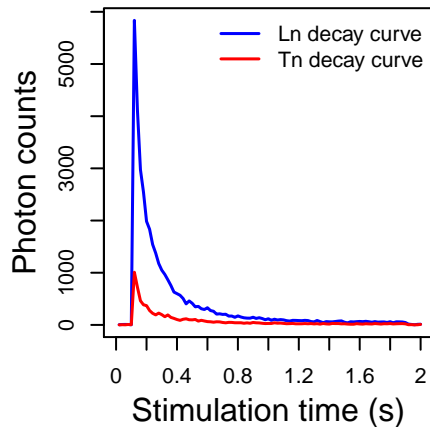
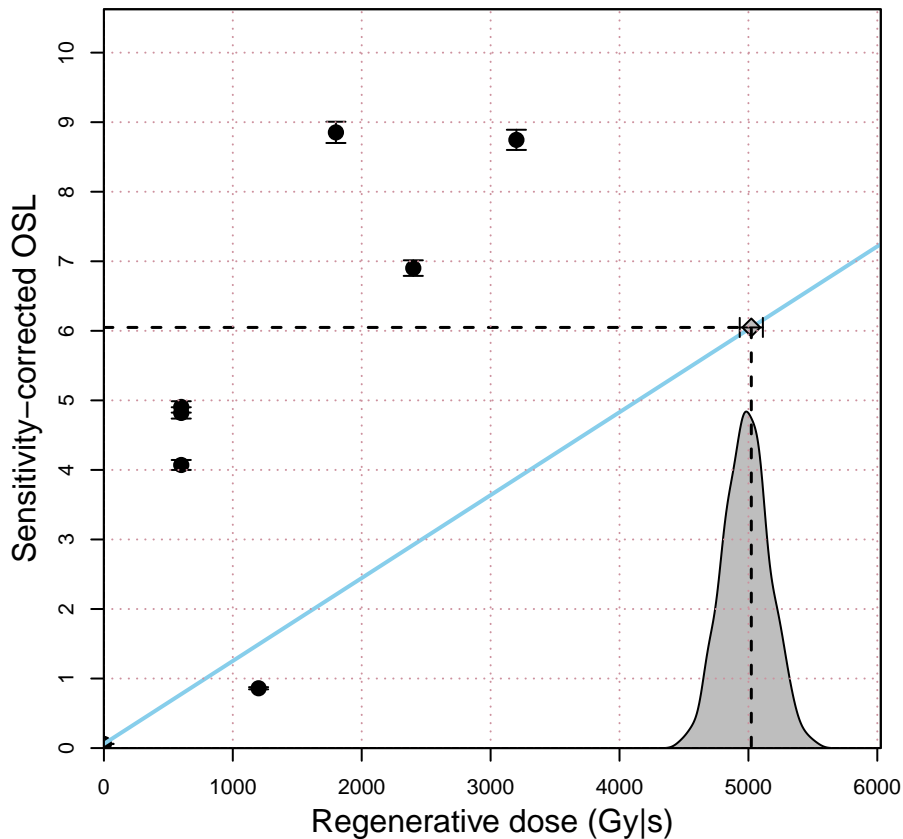
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

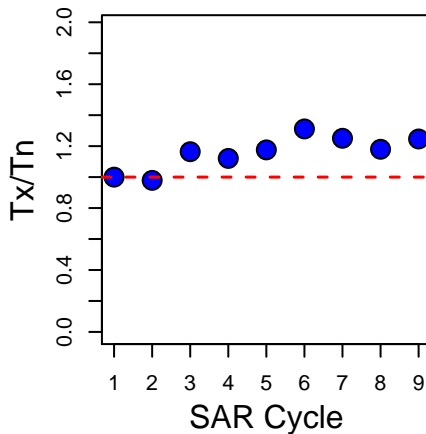
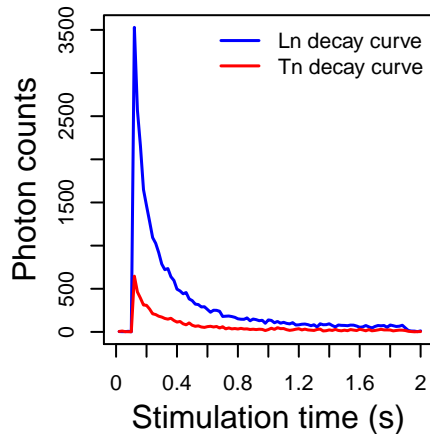
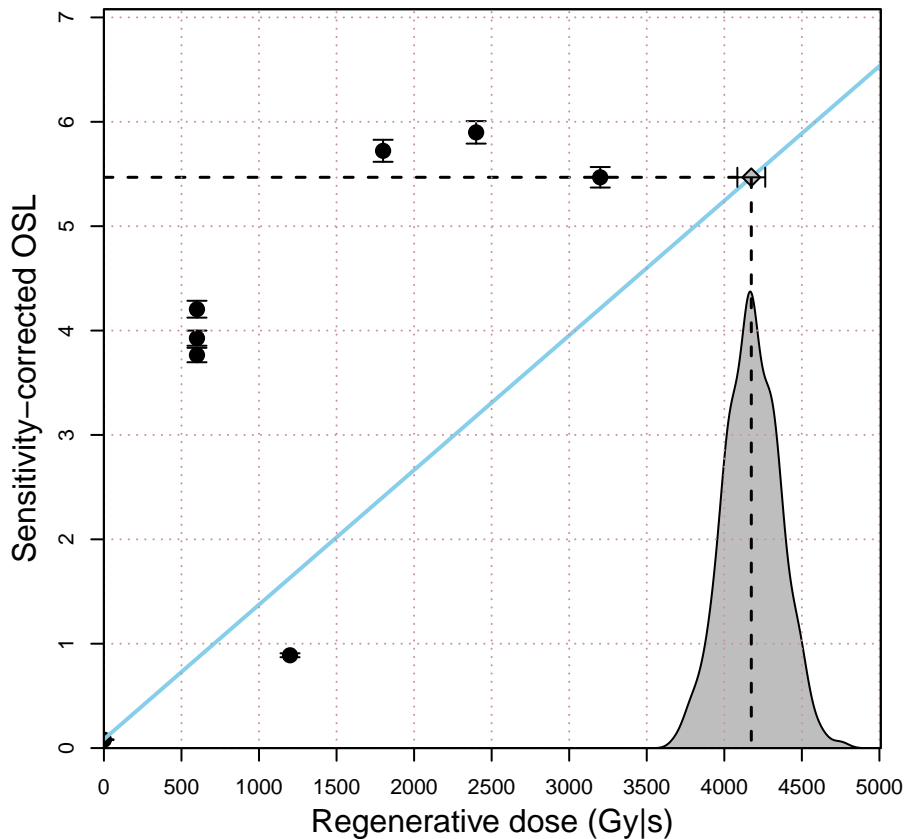
68% interval: [-Inf, +Inf]

Summary



| |
|------------------------------------|
| ID: [NO=143, Position=3, Grain=43] |
| ===== |
| Status: OK |
| ===== |
| Tn: 2843 +/- 78.98 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 27.32 +/- 2.68 |
| RSE of Tn: 2.78 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 1.21 +/- 0.06 |
| Recycling ratio 2: 1.18 +/- 0.06 |
| Recycling ratio 3: 0.98 +/- 0.05 |
| ===== |
| Recuperation 1: 0.99 +/- 0.08 (%) |
| Recuperation 2: 0.68 +/- 0.06 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 3259.85 |
| Average error in fit: 1.42 |
| Reduced Chi-Square: 1086.62 |
| Figure Of Merit: 214.22 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: 99.8 (%) |
| ED: 5022.47 +/- 179.53 (Gy/s) |
| RSE of ED: 3.57 (%) |
| 95% interval: [4654.7, 5338.85] |
| 68% interval: [4807.67, 5164.75] |

Summary



ID: [NO=144, Position=3, Grain=44]

Status: OK

Tn: 2016.5 +/- 61.63

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 20.48 +/- 2.06

RSE of Tn: 3.06 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 0.9 +/- 0.05

Recycling ratio 3: 0.96 +/- 0.05

Recuperation 1: 1.48 +/- 0.15 (%)

Recuperation 2: 1.37 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2160.66

Average error in fit: 0.88

Reduced Chi-Square: 720.22

Figure Of Merit: 123.22 (%)

calED method: Extrapolation

MC acceptance-rate: 99.8 (%)

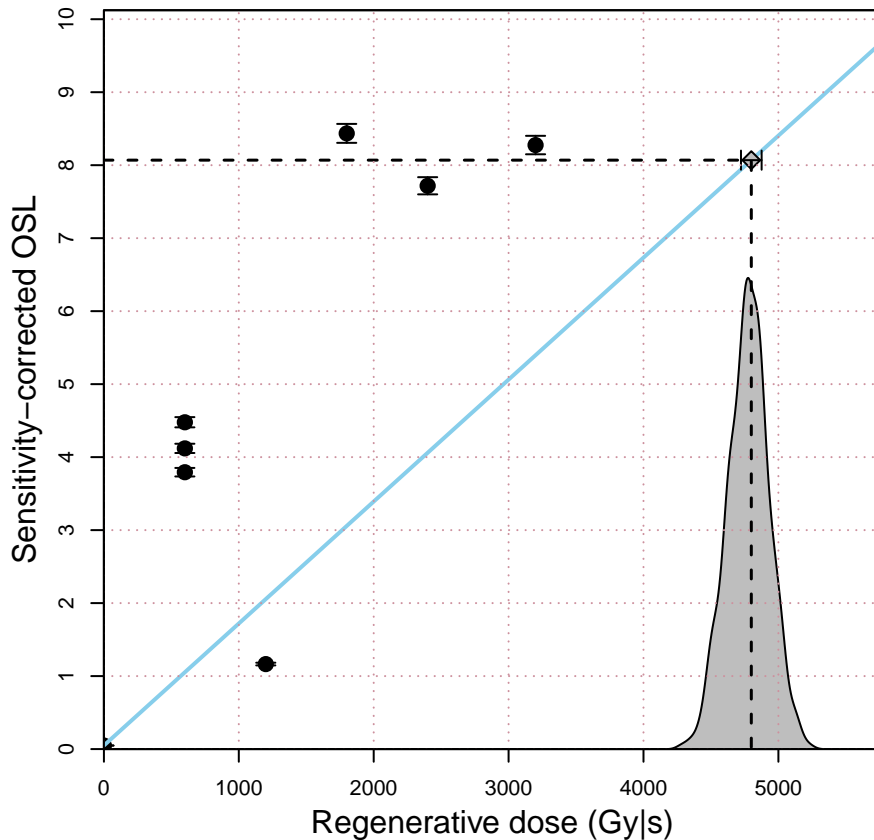
ED: 4174.12 +/- 179.85 (Gy/s)

RSE of ED: 4.31 (%)

95% interval: [3821.3, 4513.17]

68% interval: [4006.36, 4358.36]

Summary



ID: [NO=145, Position=3, Grain=45]

Status: OK

Tn: 7494.5 +/- 173.67

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 57.56 +/- 5.04

RSE of Tn: 2.32 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.85 +/- 0.04

Recycling ratio 3: 0.92 +/- 0.04

Recuperation 1: 0.6 +/- 0.04 (%)

Recuperation 2: 0.58 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3121.2

Average error in fit: 1.12

Reduced Chi-Square: 1040.4

Figure Of Merit: 124.01 (%)

calED method: Extrapolation

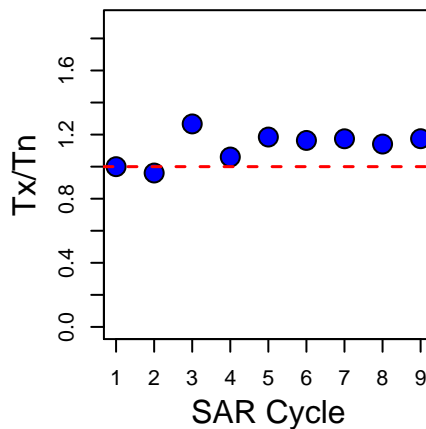
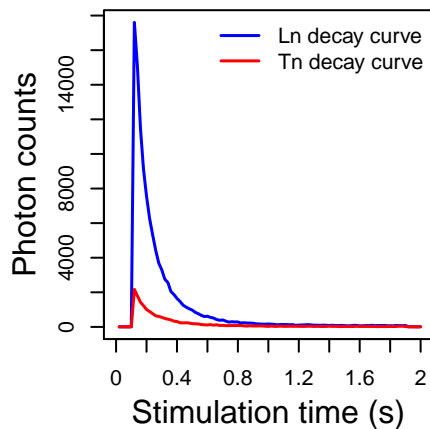
MC acceptance-rate: 99.8 (%)

ED: 4799.27 +/- 153.04 (Gy/s)

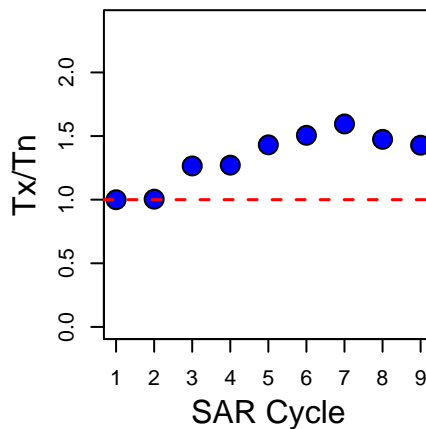
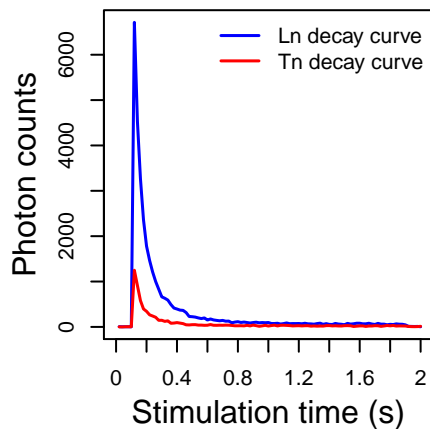
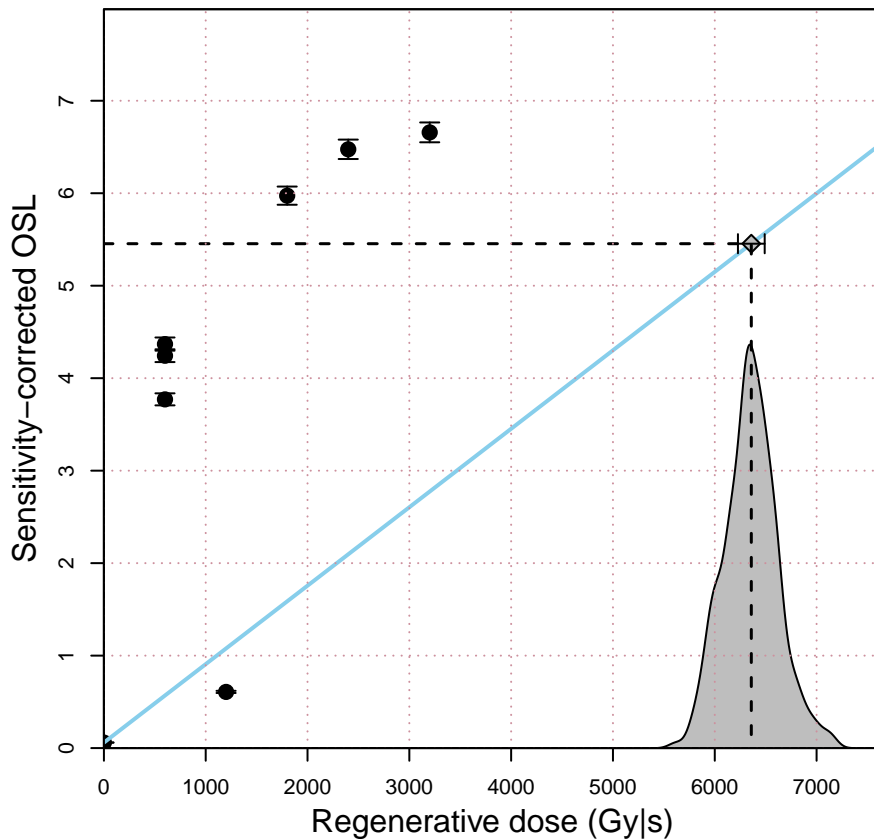
RSE of ED: 3.19 (%)

95% interval: [4480.48, 5069.14]

68% interval: [4622.99, 4928.53]



Summary



ID: [NO=146, Position=3, Grain=46]
=====

Status: OK
=====

Tn: 3367 +/- 89.84
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 30.8 +/- 2.94
RSE of Tn: 2.67 (%)
Fast ratio of Tn: NA +/- NA
=====

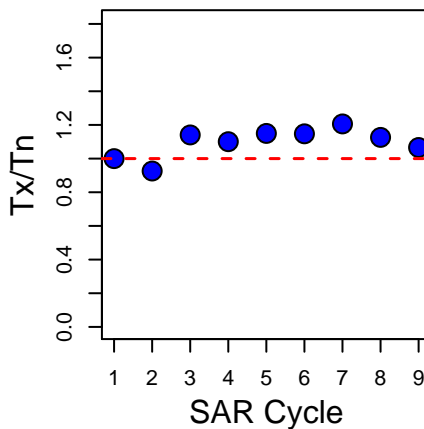
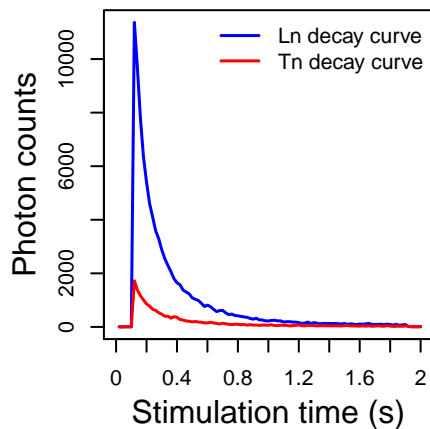
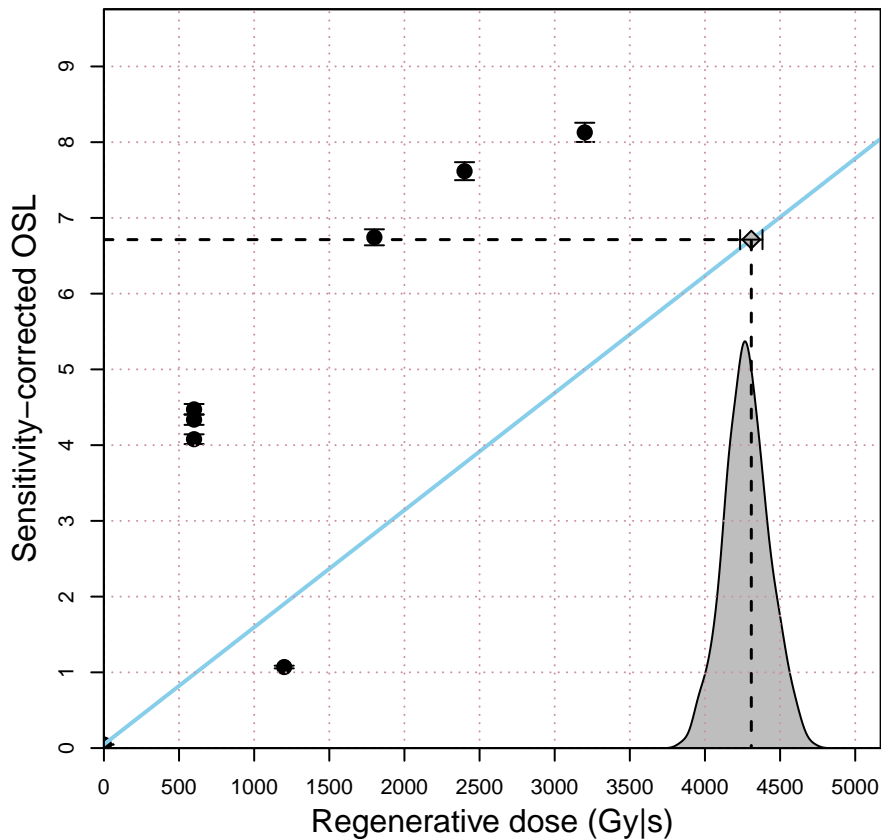
Recycling ratio 1: 1.13 +/- 0.05
Recycling ratio 2: 1.16 +/- 0.06
Recycling ratio 3: 1.03 +/- 0.05
=====

Recuperation 1: 1.1 +/- 0.09 (%)
Recuperation 2: 0.9 +/- 0.07 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3700.42
Average error in fit: 1.2
Reduced Chi-Square: 1233.47
Figure Of Merit: 255.92 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 94.7 (%)
ED: 6358.96 +/- 262.62 (Gy/s)
RSE of ED: 4.13 (%)
95% interval: [5870.48, 6920.58]
68% interval: [6099.7, 6597.07]

Summary



ID: [NO=147, Position=3, Grain=47]

Status: OK

Tn: 5976.5 \pm 143.14

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 40.98 \pm 3.39

RSE of Tn: 2.39 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.94 \pm 0.04

Recycling ratio 2: 1.03 \pm 0.05

Recycling ratio 3: 1.1 \pm 0.05

Recuperation 1: 0.7 \pm 0.06 (%)

Recuperation 2: 0.58 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3092.83

Average error in fit: 1.07

Reduced Chi-Square: 1030.94

Figure Of Merit: 131.71 (%)

calED method: Extrapolation

MC acceptance-rate: 98.04 (%)

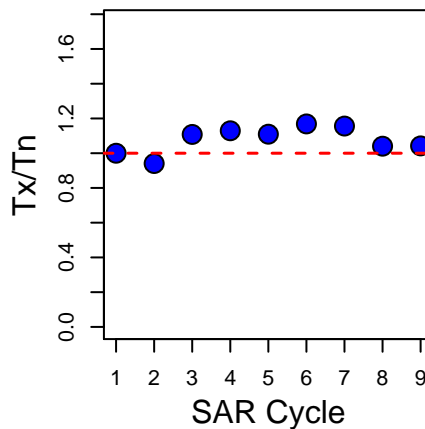
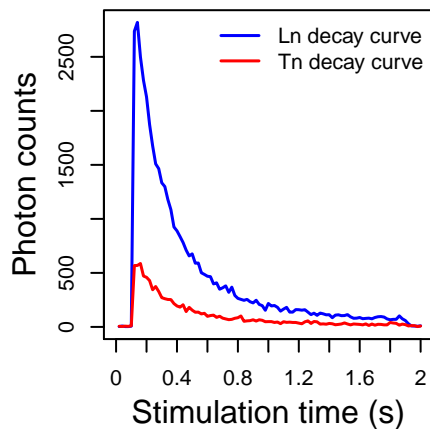
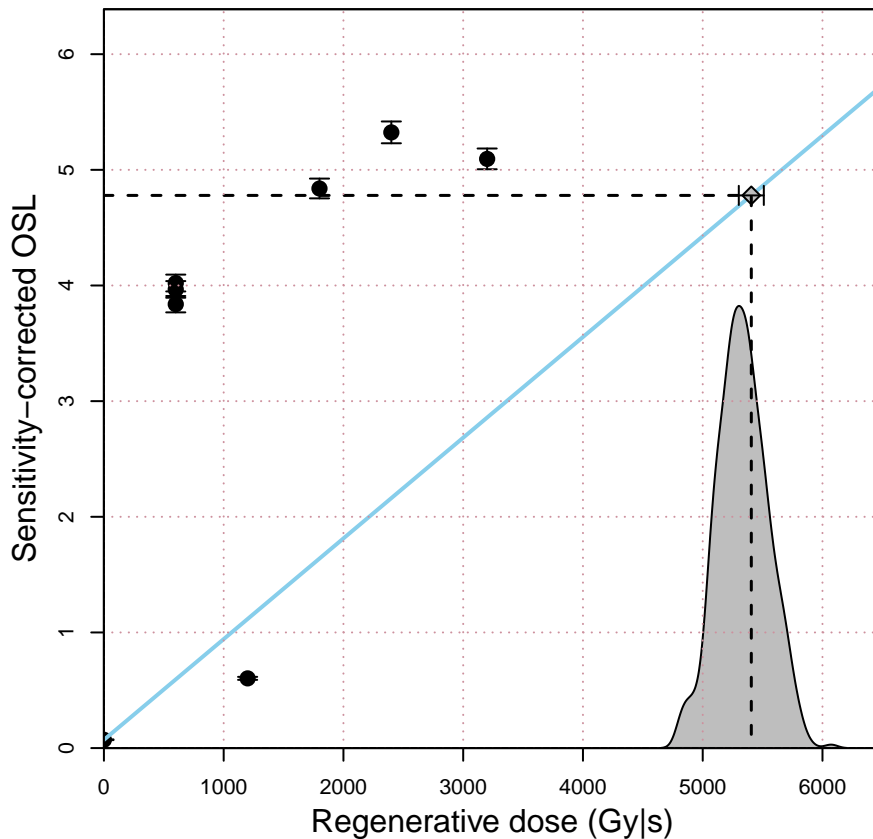
ED: 4308.45 \pm 149.04 (Gy/s)

RSE of ED: 3.46 (%)

95% interval: [3975.38, 4580.78]

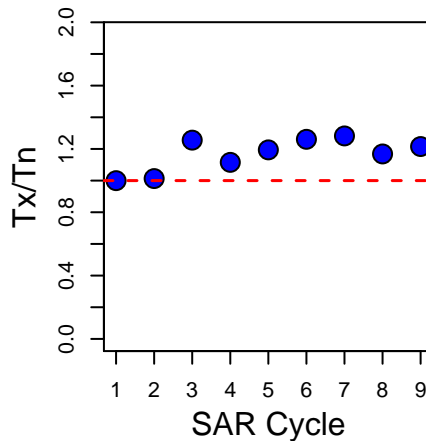
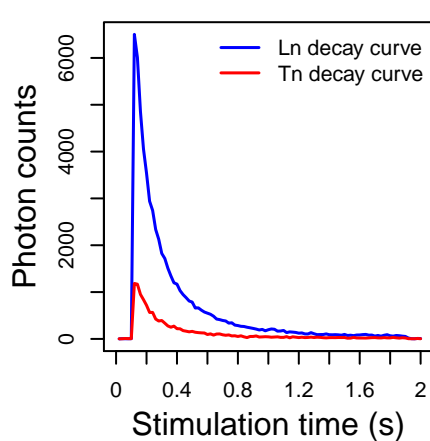
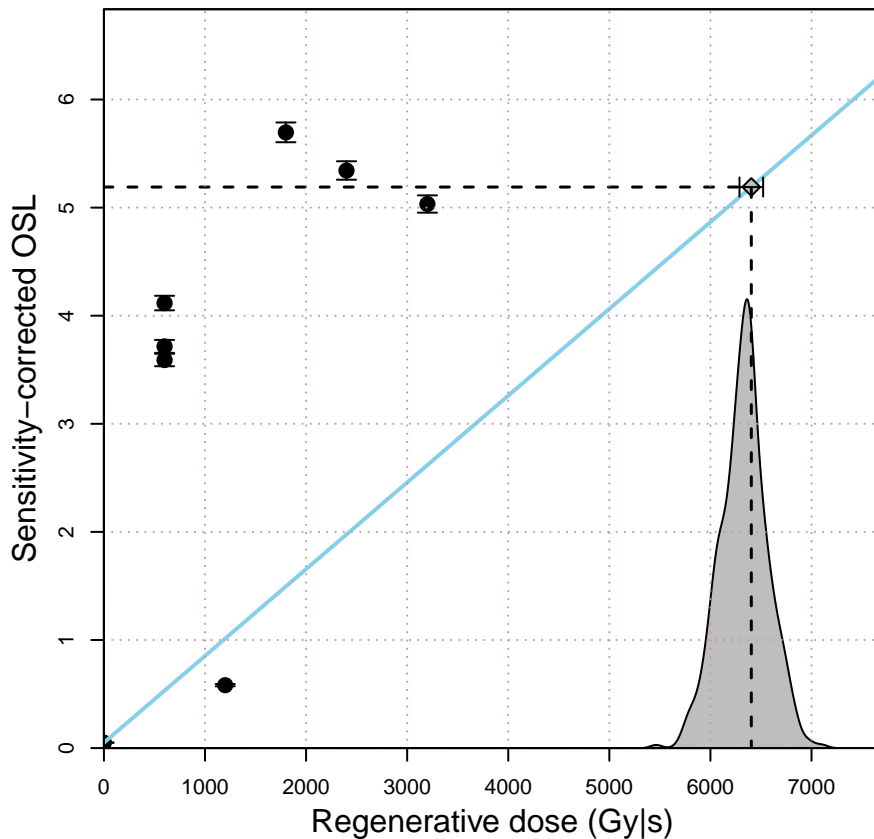
68% interval: [4136.12, 4427.57]

Summary



| |
|------------------------------------|
| ID: [NO=148, Position=3, Grain=48] |
| ===== |
| Status: OK |
| ===== |
| Tn: 2525 +/- 72.59 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 20.57 +/- 1.85 |
| RSE of Tn: 2.87 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 1.03 +/- 0.05 |
| Recycling ratio 2: 1.05 +/- 0.05 |
| Recycling ratio 3: 1.01 +/- 0.05 |
| ===== |
| Recuperation 1: 1.51 +/- 0.15 (%) |
| Recuperation 2: 1.35 +/- 0.13 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 2811.87 |
| Average error in fit: 0.96 |
| Reduced Chi-Square: 937.29 |
| Figure Of Merit: 198.98 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: 97.09 (%) |
| ED: 5405.7 +/- 208.82 (Gy/s) |
| RSE of ED: 3.86 (%) |
| 95% interval: [4915.44, 5744.04] |
| 68% interval: [5124.77, 5549.57] |

Summary



ID: [NO=149, Position=3, Grain=49]

Status: OK

Tn: 4743 +/- 117.96

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 41.89 +/- 3.94

RSE of Tn: 2.49 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.87 +/- 0.04

Recycling ratio 3: 0.97 +/- 0.04

Recuperation 1: 0.97 +/- 0.08 (%)

Recuperation 2: 0.88 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3701.98

Average error in fit: 1.03

Reduced Chi-Square: 1233.99

Figure Of Merit: 231.4 (%)

calED method: Extrapolation

MC acceptance-rate: 98.43 (%)

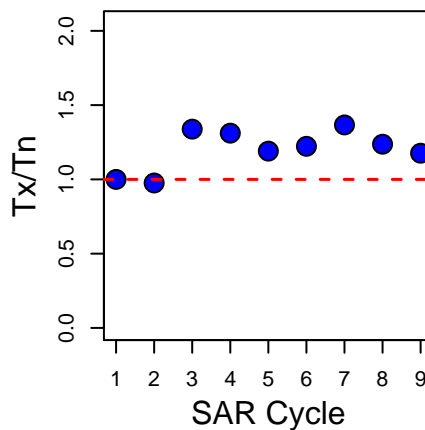
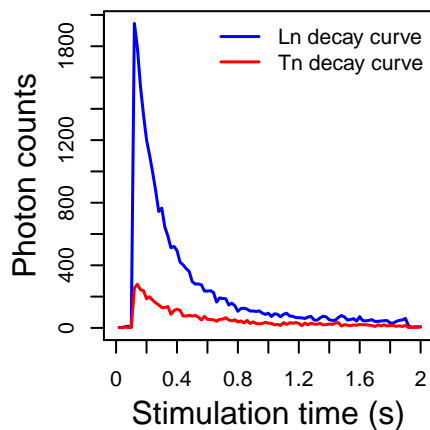
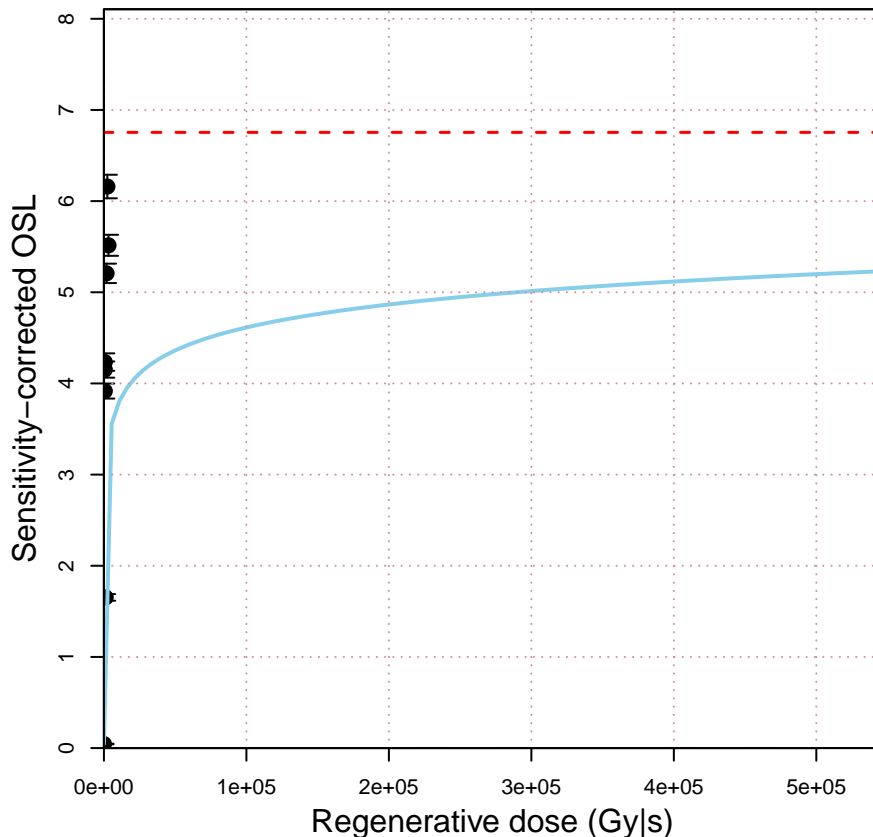
ED: 6404.41 +/- 234.05 (Gy/s)

RSE of ED: 3.65 (%)

95% interval: [5866.05, 6782.41]

68% interval: [6093.57, 6554.33]

Summary



ID: [NO=150, Position=3, Grain=50]

Status: Ln/Tn saturated

Tn: 1128.5 +/- 41.79

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 16.57 +/- 2

RSE of Tn: 3.7 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.06

Recycling ratio 2: 0.98 +/- 0.06

Recycling ratio 3: 1.06 +/- 0.06

Recuperation 1: 0.66 +/- 0.12 (%)

Recuperation 2: 0.73 +/- 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 825.02

Average error in fit: 0.62

Reduced Chi-Square: 275.01

Figure Of Merit: 59.28 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

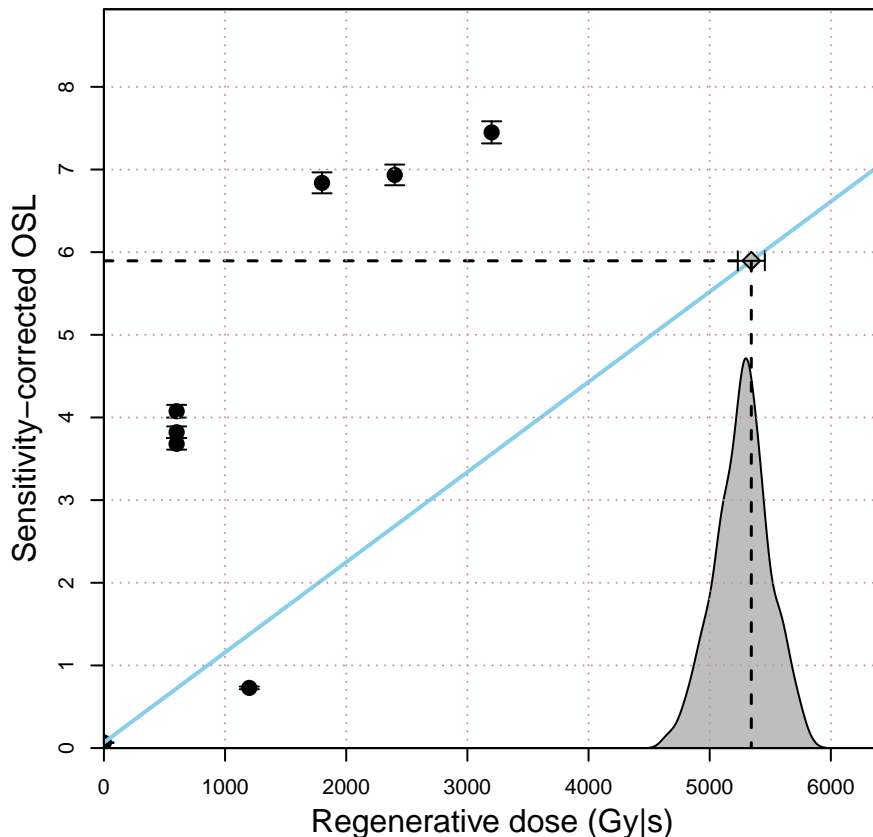
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=151, Position=3, Grain=51]
=====

Status: OK
=====

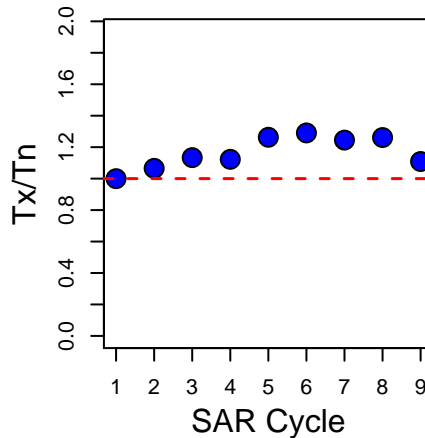
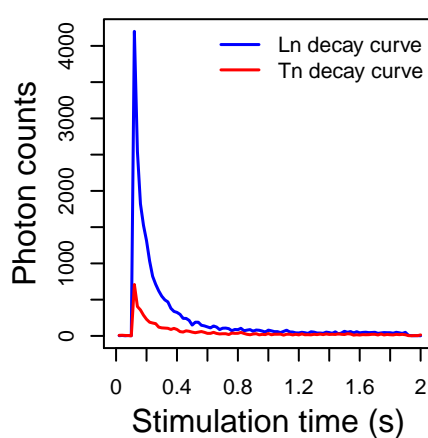
Tn: 1898.5 +/- 58.93
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 22.45 +/- 2.44
RSE of Tn: 3.1 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.04 +/- 0.06
Recycling ratio 2: 1.11 +/- 0.06
Recycling ratio 3: 1.07 +/- 0.06
=====

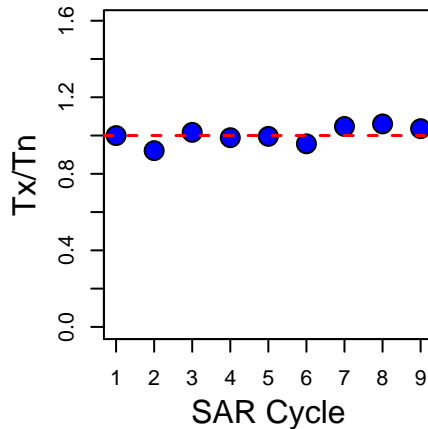
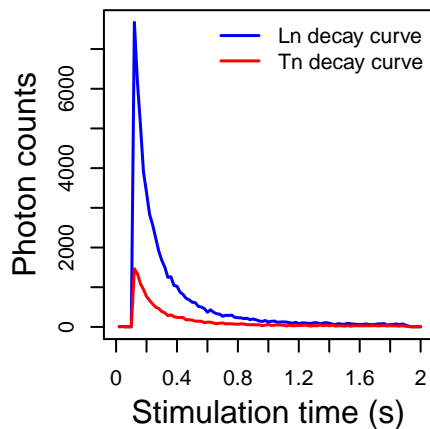
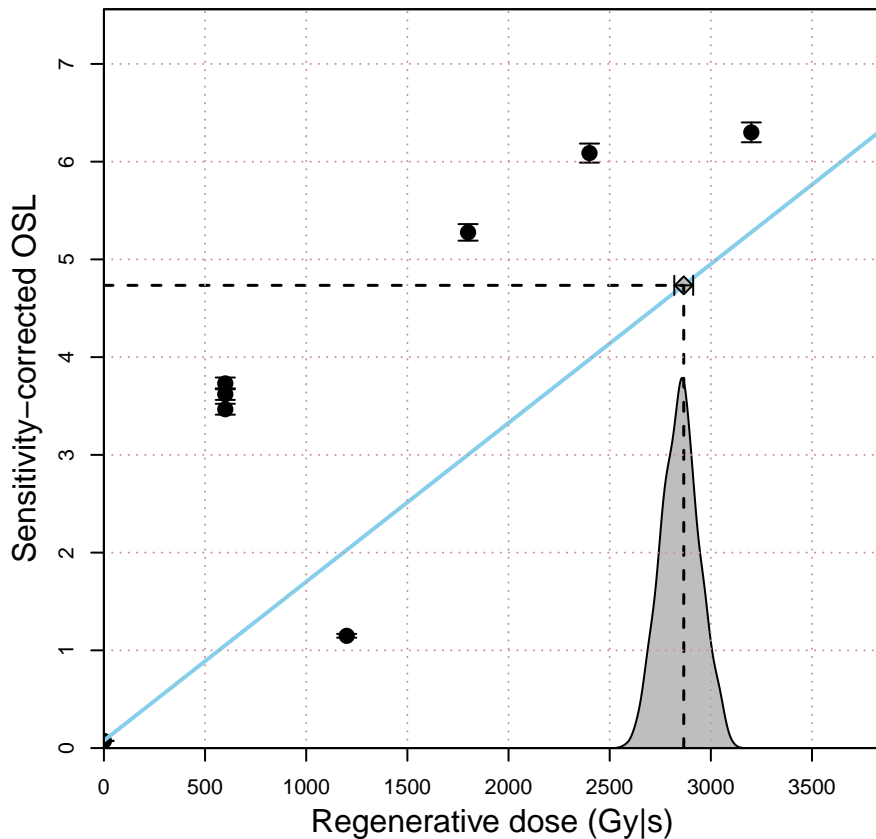
Recuperation 1: 1.12 +/- 0.12 (%)
Recuperation 2: 0.89 +/- 0.1 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2663.38
Average error in fit: 1.16
Reduced Chi-Square: 887.79
Figure Of Merit: 193.67 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 99.01 (%)
ED: 5343.4 +/- 222.92 (Gy/s)
RSE of ED: 4.17 (%)
95% interval: [4805.28, 5699.03]
68% interval: [5052.18, 5479.55]



Summary



ID: [NO=152, Position=3, Grain=52]

Status: OK

Tn: 5469 +/- 132.78

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 42.43 +/- 3.74

RSE of Tn: 2.43 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.04

Recycling ratio 2: 1.03 +/- 0.05

Recycling ratio 3: 1.08 +/- 0.05

Recuperation 1: 1.55 +/- 0.11 (%)

Recuperation 2: 1.16 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2275.83

Average error in fit: 0.7

Reduced Chi-Square: 758.61

Figure Of Merit: 79.66 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

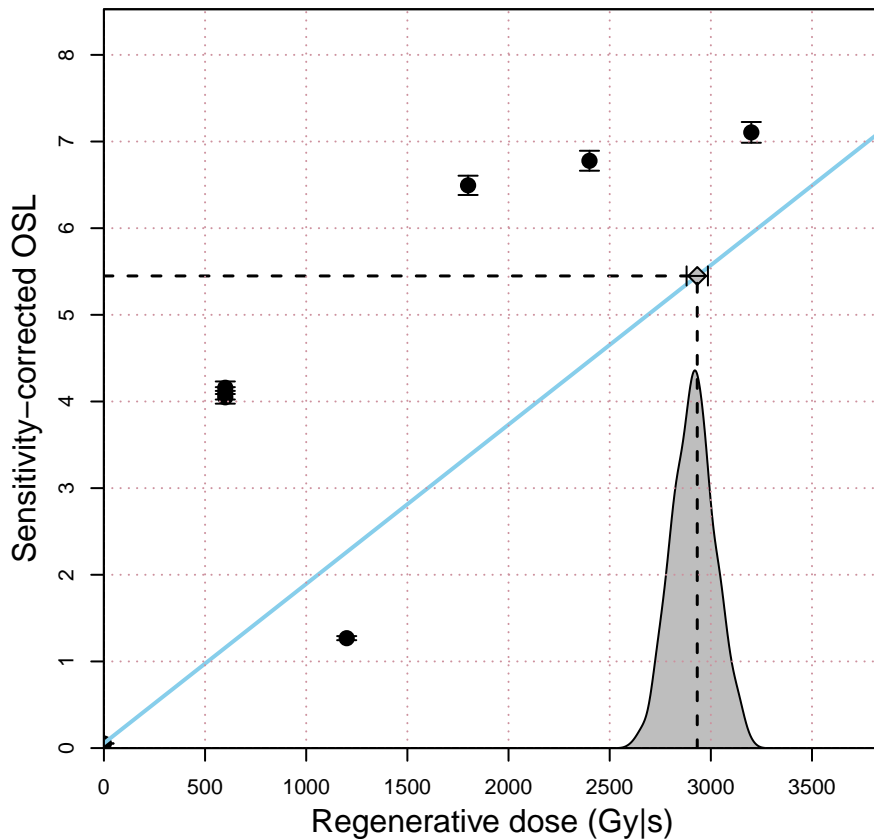
ED: 2866.04 +/- 93.11 (Gy/s)

RSE of ED: 3.25 (%)

95% interval: [2672.08, 3037.73]

68% interval: [2756.34, 2947.21]

Summary



ID: [NO=153, Position=3, Grain=53]

Status: OK

Tn: 2627 +/- 74.43

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 26.75 +/- 2.7

RSE of Tn: 2.83 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.01 +/- 0.05

Recycling ratio 2: 1.03 +/- 0.05

Recycling ratio 3: 1.02 +/- 0.05

Recuperation 1: 0.97 +/- 0.1 (%)

Recuperation 2: 0.75 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2007.17

Average error in fit: 0.82

Reduced Chi-Square: 669.06

Figure Of Merit: 83.93 (%)

calED method: Interpolation

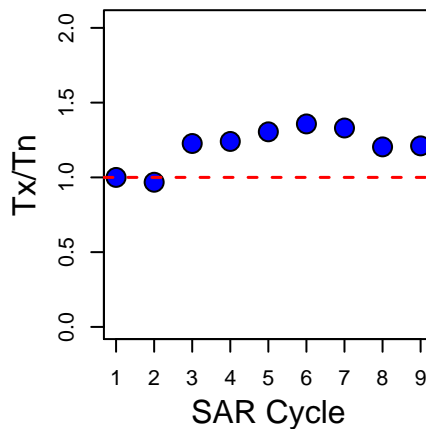
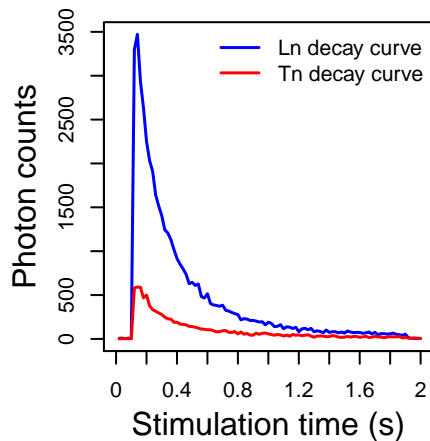
MC acceptance-rate: 100 (%)

ED: 2932.79 +/- 105.42 (Gy/s)

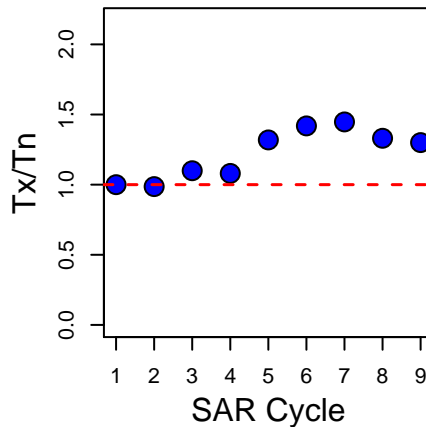
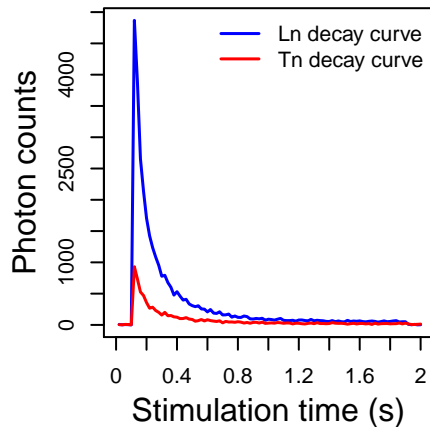
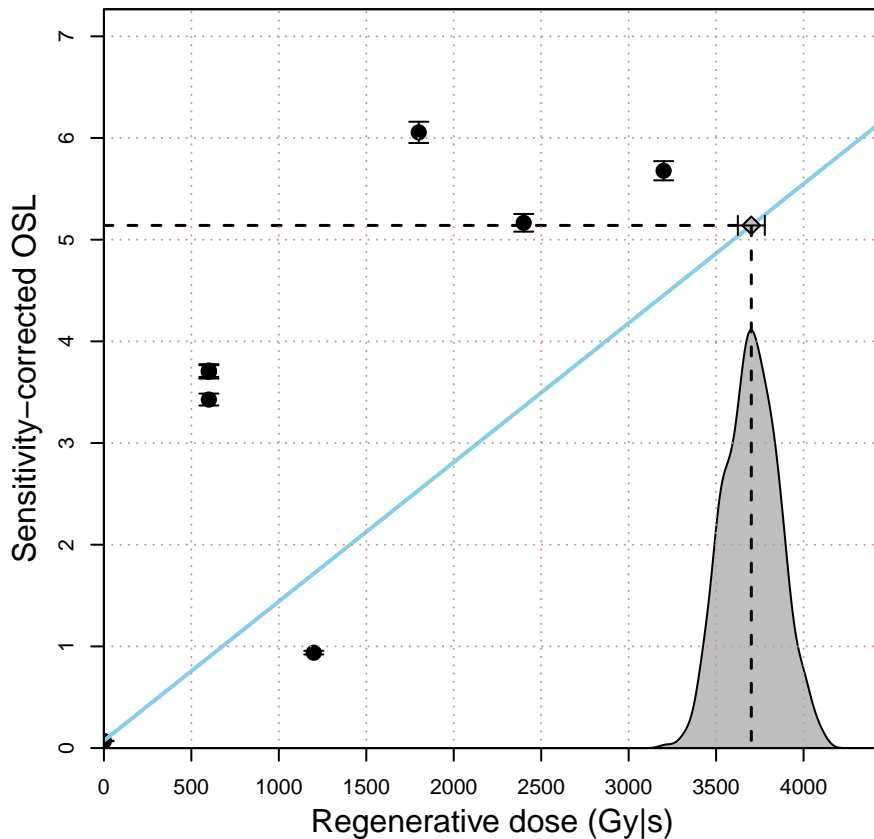
RSE of ED: 3.59 (%)

95% interval: [2717.97, 3128.42]

68% interval: [2810.7, 3025.68]



Summary



ID: [NO=154, Position=3, Grain=54]
=====

Status: OK
=====

Tn: 2915.5 +/- 80.44
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 29.17 +/- 2.92
RSE of Tn: 2.76 (%)
Fast ratio of Tn: NA +/- NA
=====

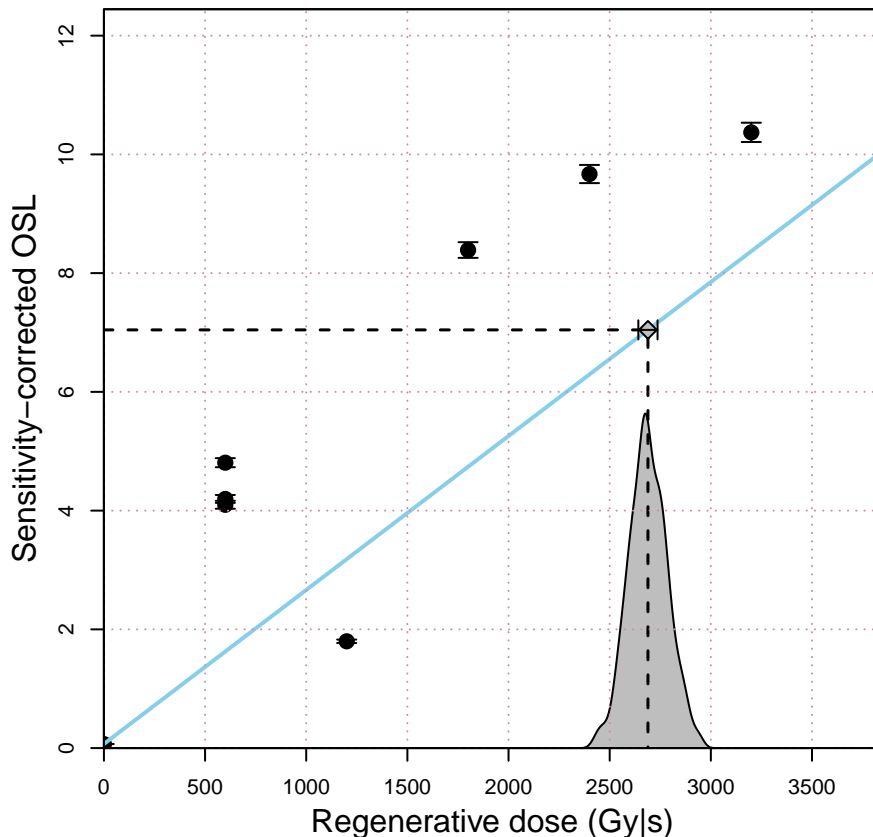
Recycling ratio 1: 1 +/- 0.05
Recycling ratio 2: 0.93 +/- 0.05
Recycling ratio 3: 0.92 +/- 0.04
=====

Recuperation 1: 1.35 +/- 0.12 (%)
Recuperation 2: 1.15 +/- 0.1 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2315.59
Average error in fit: 0.79
Reduced Chi-Square: 771.86
Figure Of Merit: 104.5 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 94.88 (%)
ED: 3701.2 +/- 154.14 (Gy/s)
RSE of ED: 4.16 (%)
95% interval: [3416.45, 4008.61]
68% interval: [3534.16, 3856.06]

Summary



ID: [NO=155, Position=3, Grain=55]

Status: OK

Tn: 5425 +/- 131.82

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 46.59 +/- 4.32

RSE of Tn: 2.43 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.17 +/- 0.05

Recycling ratio 2: 1.02 +/- 0.05

Recycling ratio 3: 0.87 +/- 0.04

Recuperation 1: 0.97 +/- 0.07 (%)

Recuperation 2: 0.66 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2079.14

Average error in fit: 0.91

Reduced Chi-Square: 693.05

Figure Of Merit: 67.69 (%)

calED method: Interpolation

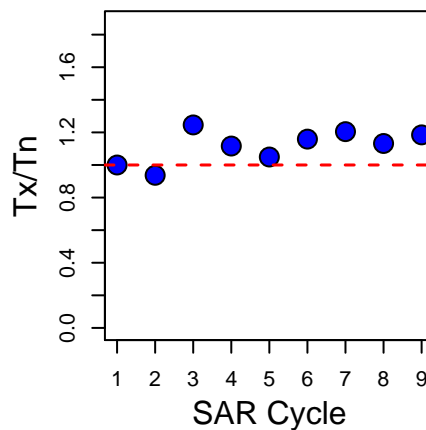
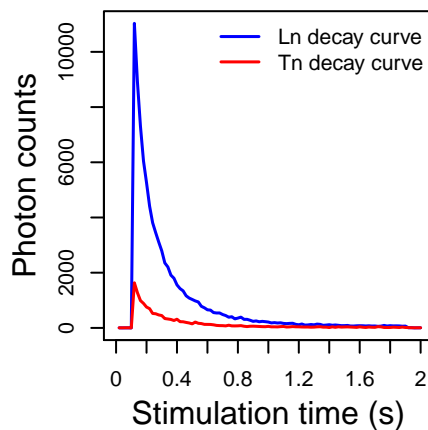
MC acceptance-rate: 97.09 (%)

ED: 2689.1 +/- 94.88 (Gy/s)

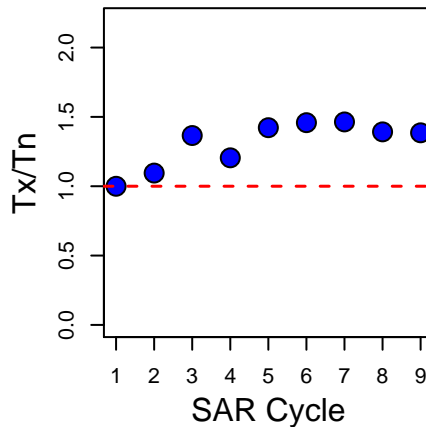
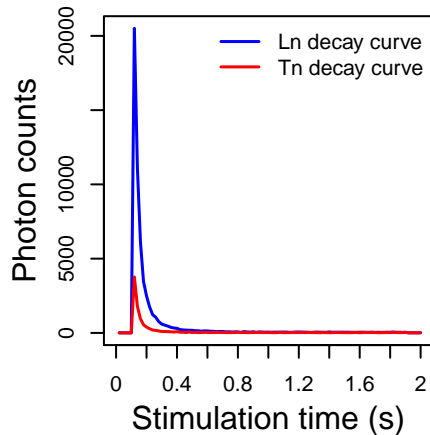
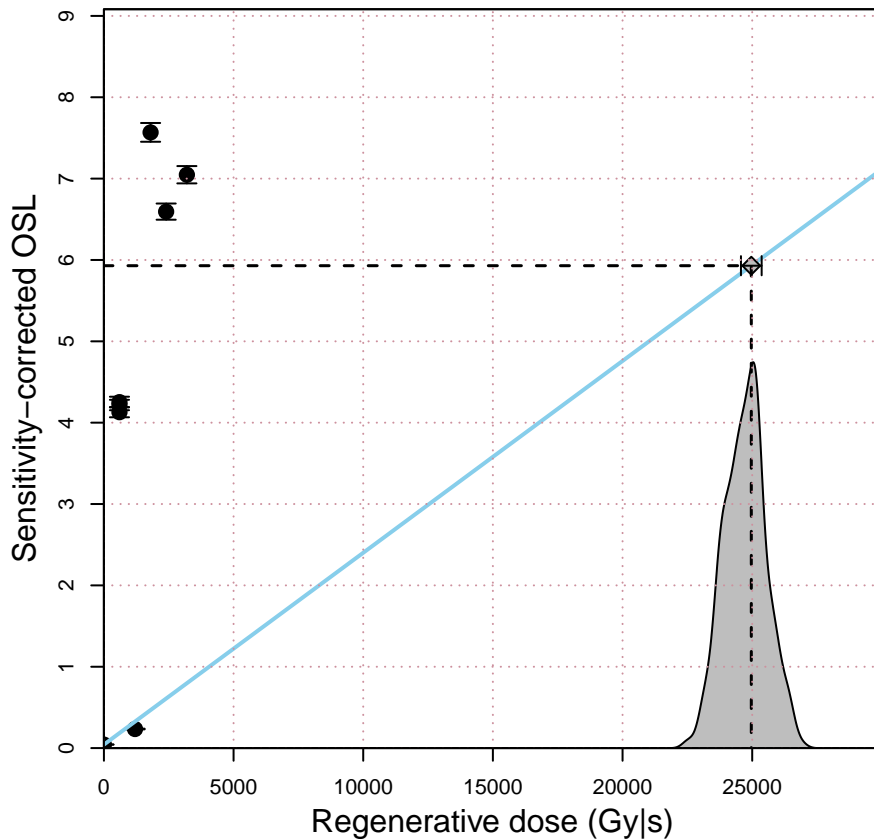
RSE of ED: 3.53 (%)

95% interval: [2507, 2879.64]

68% interval: [2596.87, 2782.89]



Summary



ID: [NO=156, Position=3, Grain=56]

Status: OK

Tn: 7326.5 +/- 170.18

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 67.91 +/- 6.54

RSE of Tn: 2.32 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.99 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.04

Recycling ratio 3: 0.98 +/- 0.04

Recuperation 1: 0.73 +/- 0.05 (%)

Recuperation 2: 0.57 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5761.19

Average error in fit: 1.65

Reduced Chi-Square: 1920.4

Figure Of Merit: 1125.8 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

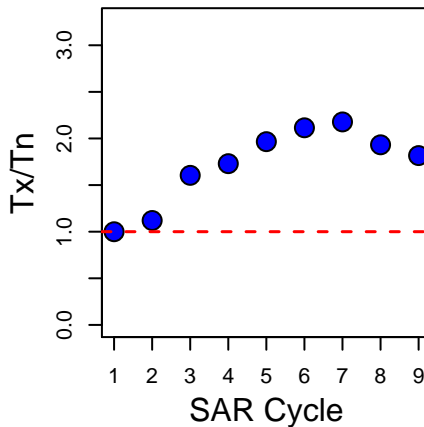
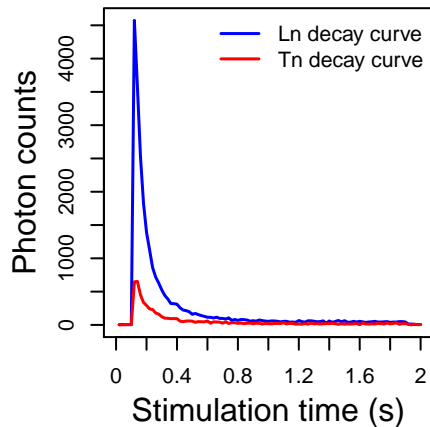
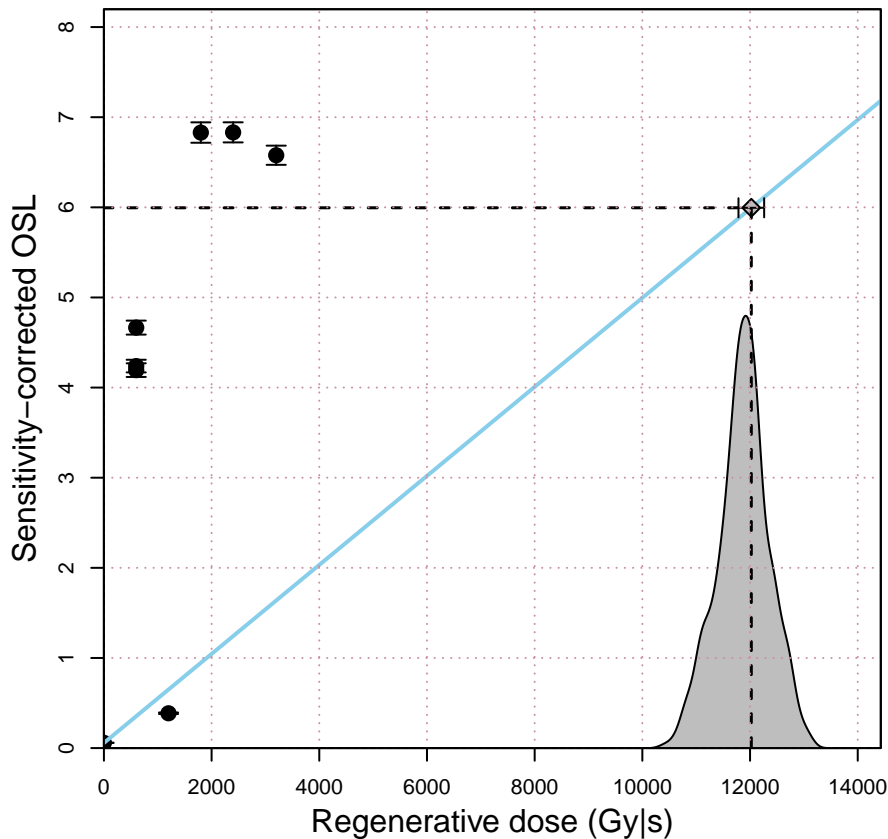
ED: 24965.38 +/- 797.58 (Gy/s)

RSE of ED: 3.19 (%)

95% interval: [23203.77, 26373.61]

68% interval: [23886.97, 25492.67]

Summary



ID: [NO=157, Position=3, Grain=57]

Status: OK

Tn: 2282.5 +/- 67.2

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 23.94 +/- 2.45

RSE of Tn: 2.94 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.01 +/- 0.05

Recycling ratio 2: 1.11 +/- 0.05

Recycling ratio 3: 1.1 +/- 0.05

Recuperation 1: 0.98 +/- 0.08 (%)

Recuperation 2: 0.86 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4282.86

Average error in fit: 1.47

Reduced Chi-Square: 1427.62

Figure Of Merit: 513.4 (%)

calED method: Extrapolation

MC acceptance-rate: 99.4 (%)

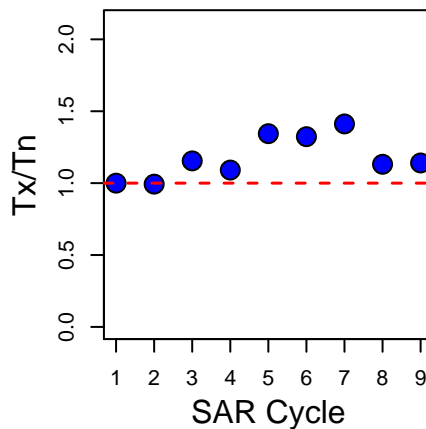
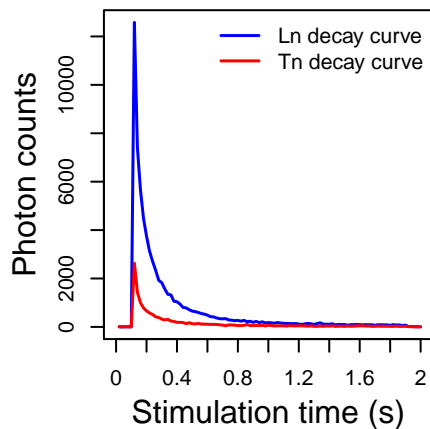
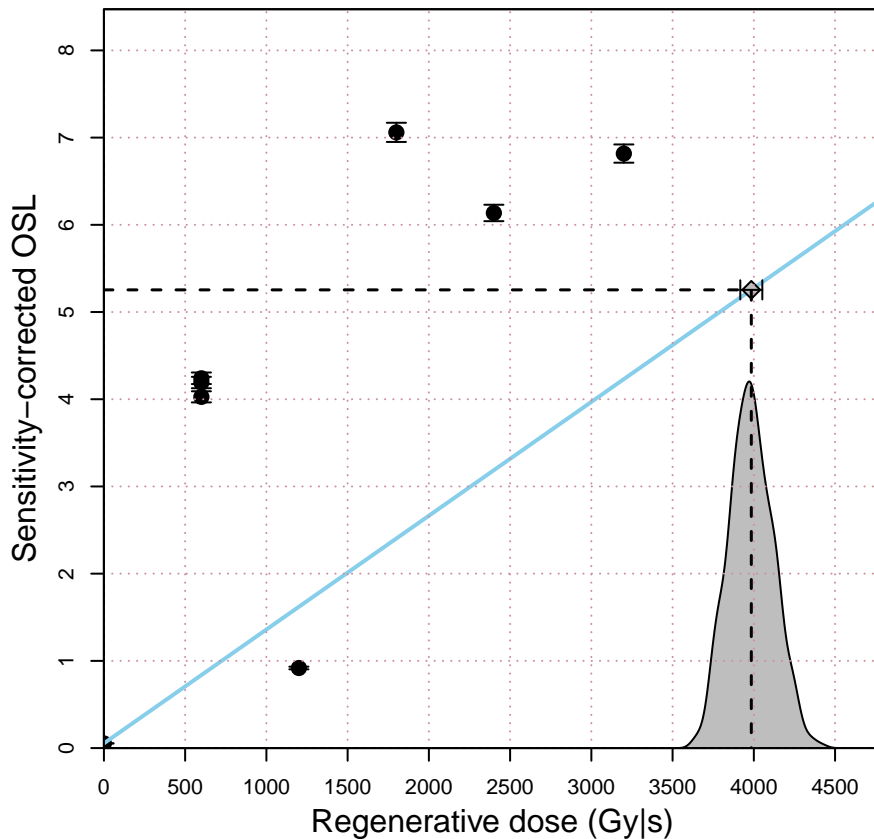
ED: 12023.47 +/- 477.06 (Gy/s)

RSE of ED: 3.97 (%)

95% interval: [10862.59, 12774.92]

68% interval: [11404.59, 12355.62]

Summary



ID: [NO=158, Position=3, Grain=58]
=====

Status: OK
=====

Tn: 6375.5 +/- 151.1
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 49.85 +/- 4.41
RSE of Tn: 2.37 (%)
Fast ratio of Tn: NA +/- NA
=====

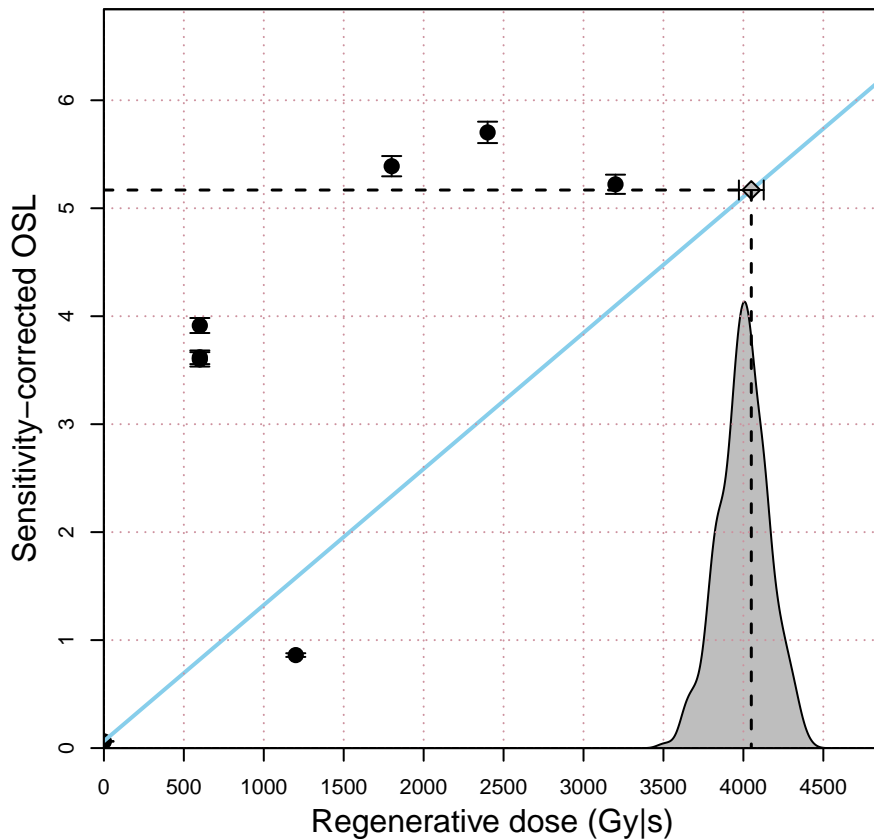
Recycling ratio 1: 1.05 +/- 0.05
Recycling ratio 2: 1.04 +/- 0.05
Recycling ratio 3: 0.99 +/- 0.04
=====

Recuperation 1: 1.02 +/- 0.07 (%)
Recuperation 2: 0.76 +/- 0.05 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3320.54
Average error in fit: 1.05
Reduced Chi-Square: 1106.85
Figure Of Merit: 148.81 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 94.34 (%)
ED: 3984.52 +/- 135.56 (Gy/s)
RSE of ED: 3.4 (%)
95% interval: [3739.79, 4252.92]
68% interval: [3849.86, 4127.15]

Summary



ID: [NO=159, Position=3, Grain=59]
=====

Status: OK
=====

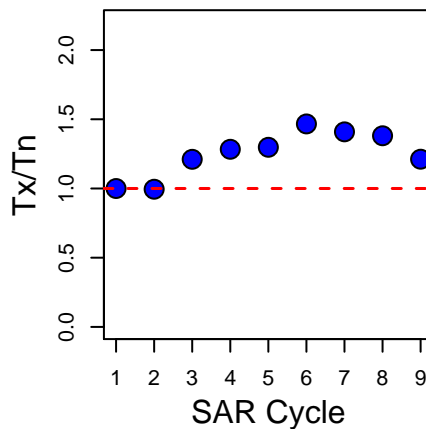
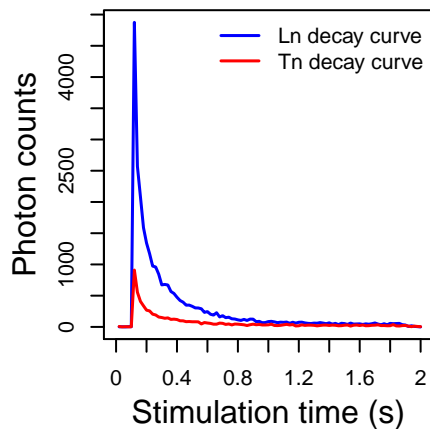
Tn: 2367 +/- 69.11
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 22.13 +/- 2.14
RSE of Tn: 2.92 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.01 +/- 0.05
Recycling ratio 2: 1.09 +/- 0.06
Recycling ratio 3: 1.08 +/- 0.05
=====

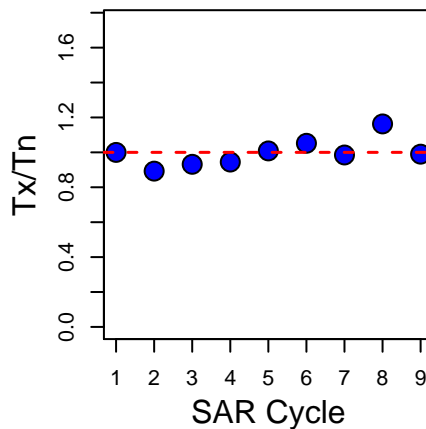
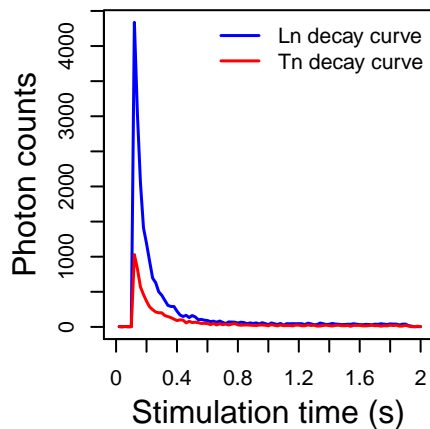
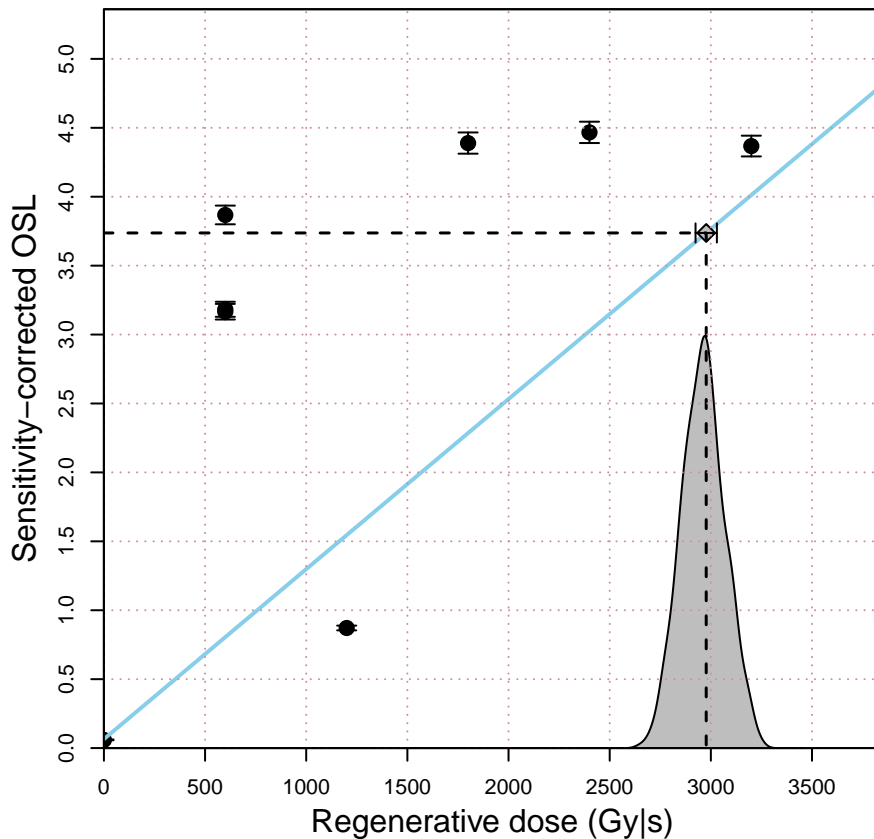
Recuperation 1: 1.2 +/- 0.12 (%)
Recuperation 2: 1.09 +/- 0.11 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2334.06
Average error in fit: 0.82
Reduced Chi-Square: 778.02
Figure Of Merit: 118.77 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 98.23 (%)
ED: 4049.58 +/- 155.31 (Gy/s)
RSE of ED: 3.84 (%)
95% interval: [3680.64, 4304.32]
68% interval: [3839.48, 4147.15]



Summary



ID: [NO=160, Position=3, Grain=60]

Status: OK

Tn: 3165.5 +/- 85.48

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.77 +/- 3.96

RSE of Tn: 2.7 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.01 +/- 0.05

Recycling ratio 2: 1.22 +/- 0.06

Recycling ratio 3: 1.21 +/- 0.06

Recuperation 1: 1.6 +/- 0.17 (%)

Recuperation 2: 1.34 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2083.32

Average error in fit: 0.66

Reduced Chi-Square: 694.44

Figure Of Merit: 92.77 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

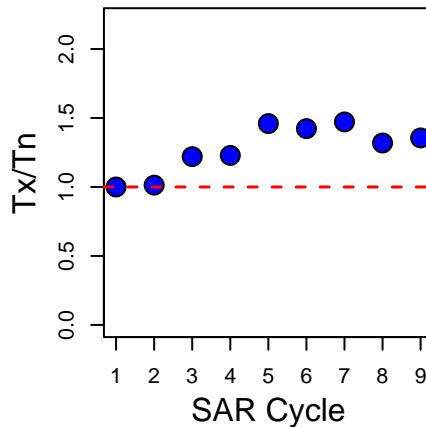
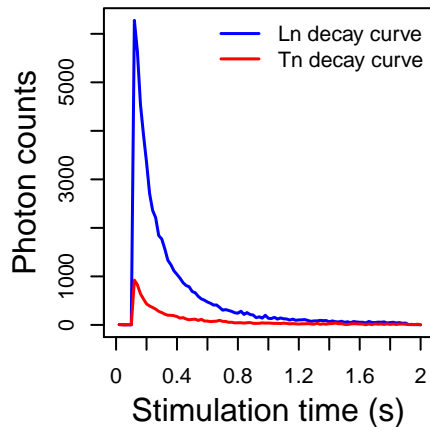
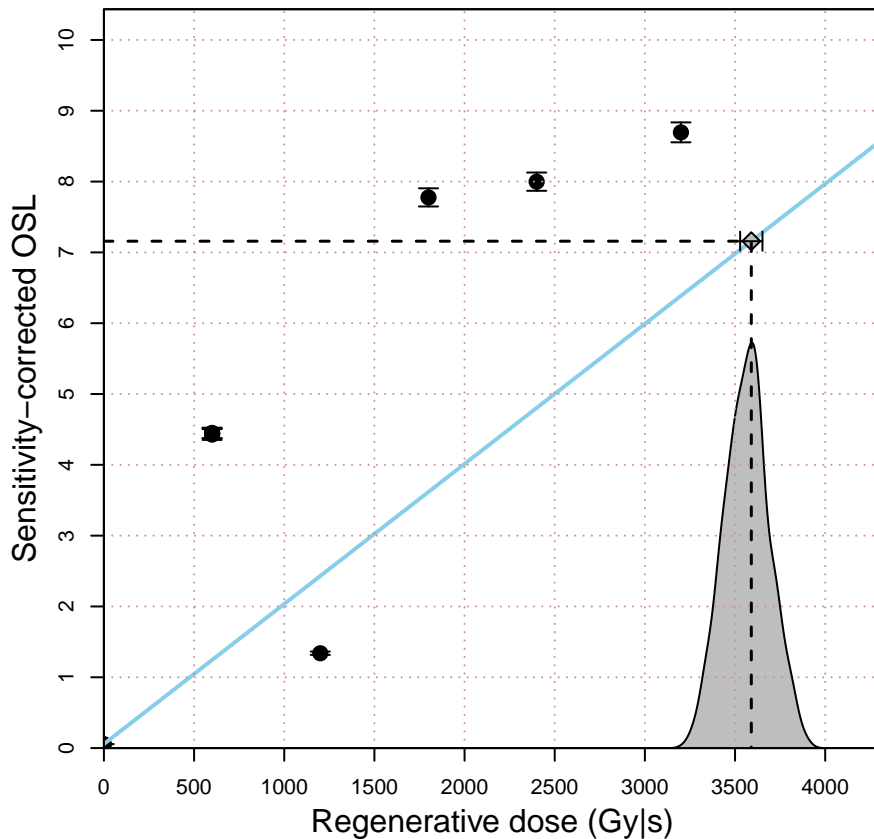
ED: 2977.07 +/- 105.47 (Gy/s)

RSE of ED: 3.54 (%)

95% interval: [2763.4, 3175.64]

68% interval: [2857.28, 3070.26]

Summary



ID: [NO=161, Position=3, Grain=61]

Status: OK

Tn: 3281.5 +/- 87.76

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 44.46 +/- 5.17

RSE of Tn: 2.67 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.01 +/- 0.05

Recycling ratio 2: 1 +/- 0.05

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 0.78 +/- 0.06 (%)

Recuperation 2: 0.64 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2407.34

Average error in fit: 1.01

Reduced Chi-Square: 802.45

Figure Of Merit: 96.77 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

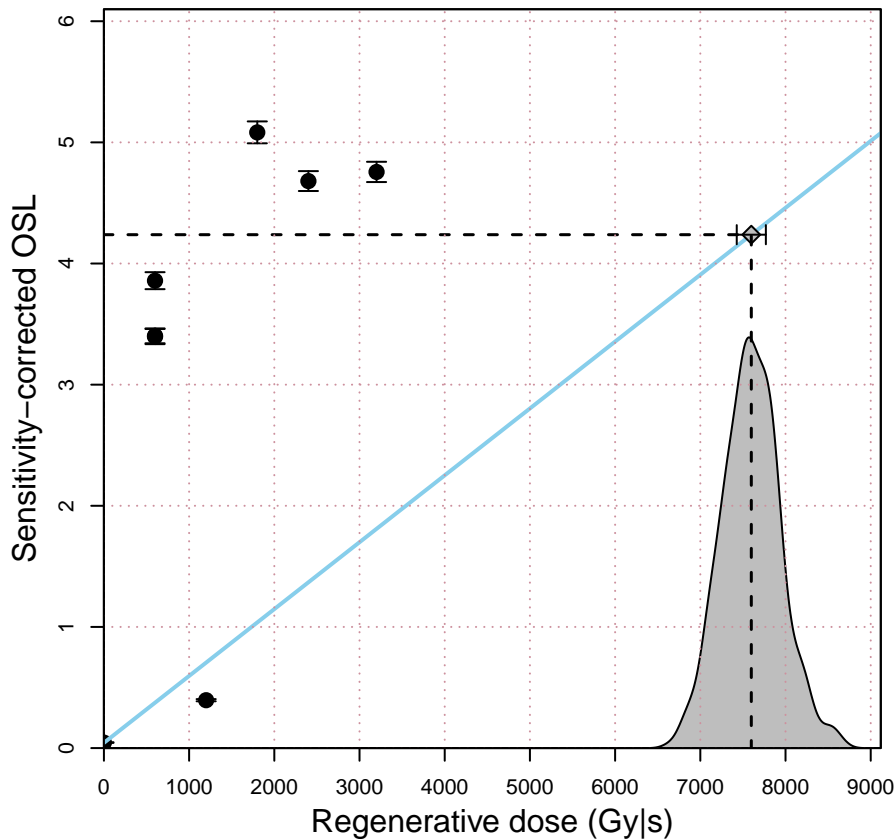
ED: 3590.28 +/- 123.65 (Gy/s)

RSE of ED: 3.44 (%)

95% interval: [3329.18, 3810.87]

68% interval: [3437.49, 3693.14]

Summary



ID: [NO=162, Position=3, Grain=62]

Status: OK

Tn: 2323.5 +/- 67.57

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 42.86 +/- 5.82

RSE of Tn: 2.91 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.88 +/- 0.05

Recycling ratio 2: 0.88 +/- 0.05

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 1.07 +/- 0.13 (%)

Recuperation 2: 0.9 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3339.86

Average error in fit: 1.02

Reduced Chi-Square: 1113.29

Figure Of Merit: 331 (%)

calED method: Extrapolation

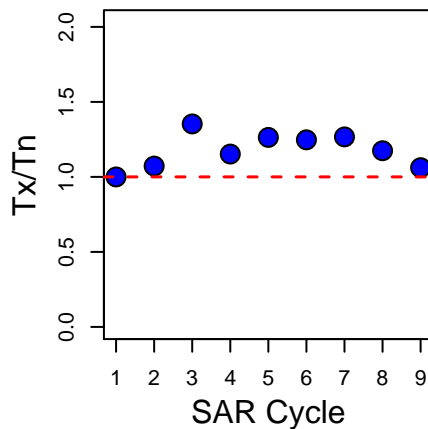
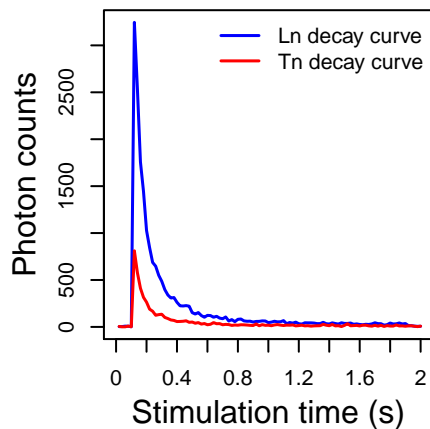
MC acceptance-rate: 96.15 (%)

ED: 7598.53 +/- 341.91 (Gy/s)

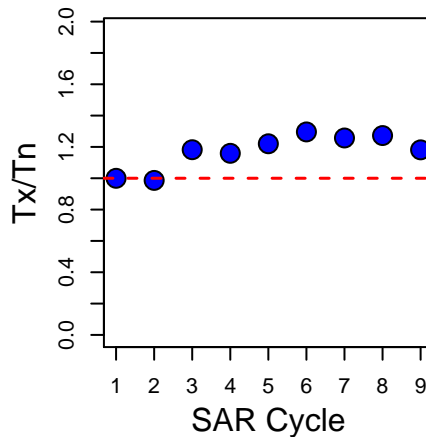
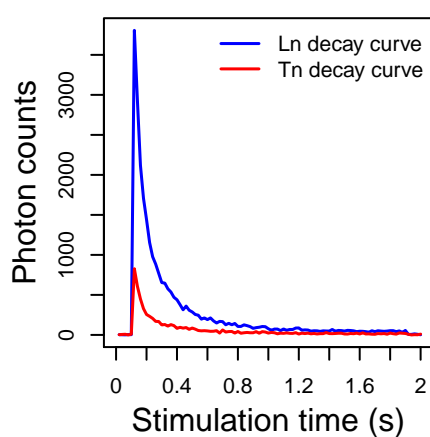
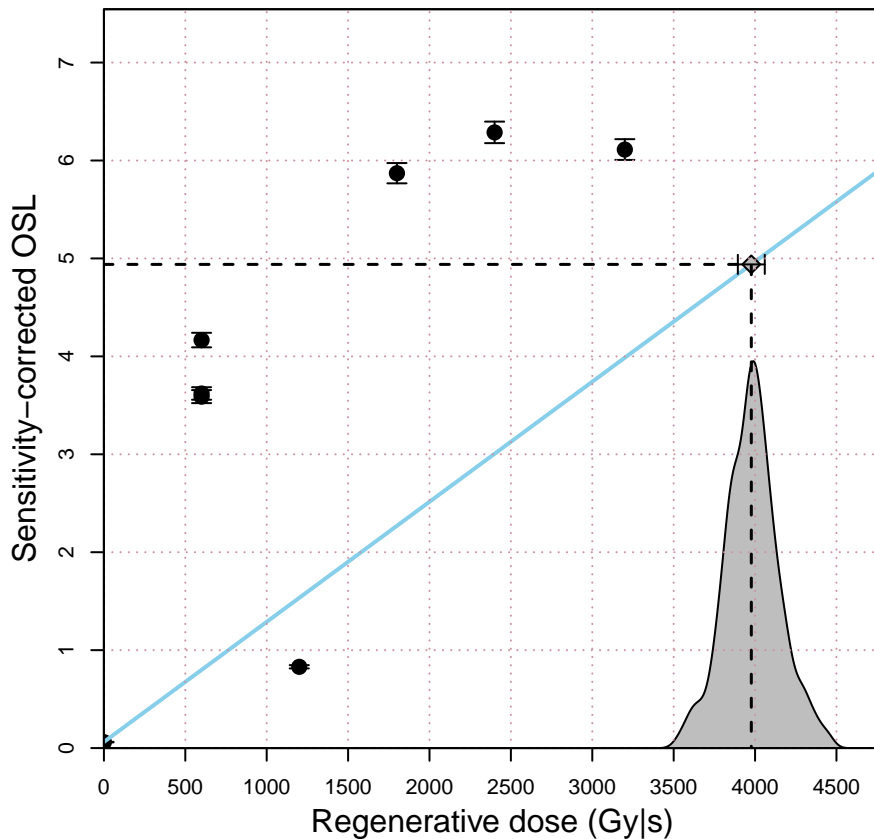
RSE of ED: 4.5 (%)

95% interval: [6950.39, 8298.09]

68% interval: [7258.67, 7920.73]

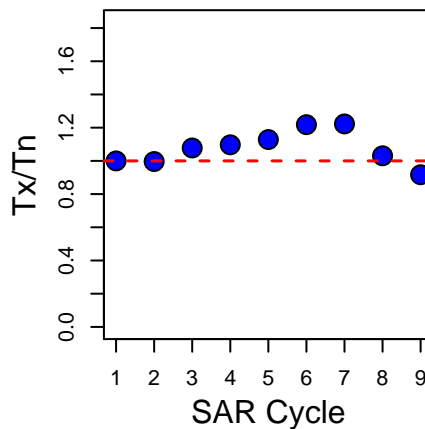
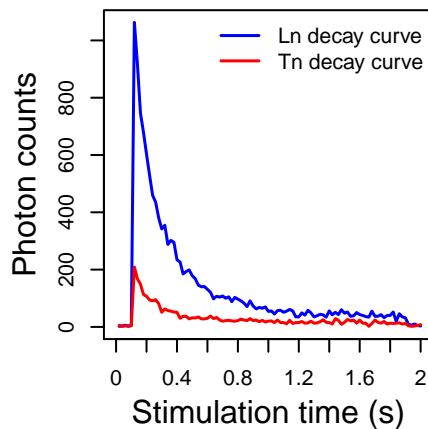
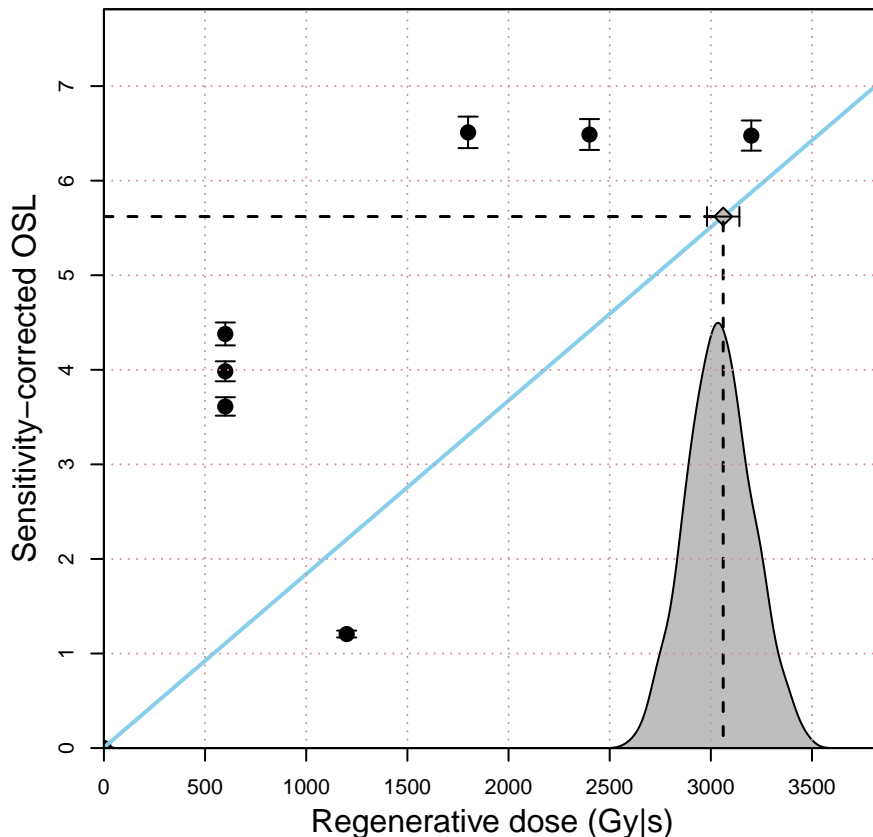


Summary



| |
|------------------------------------|
| ID: [NO=163, Position=3, Grain=63] |
| ===== |
| Status: OK |
| ===== |
| Tn: 2382 +/- 69.12 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 29.36 +/- 3.26 |
| RSE of Tn: 2.9 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 1.01 +/- 0.05 |
| Recycling ratio 2: 1.16 +/- 0.06 |
| Recycling ratio 3: 1.15 +/- 0.06 |
| ===== |
| Recuperation 1: 1.23 +/- 0.13 (%) |
| Recuperation 2: 0.97 +/- 0.1 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 2515.8 |
| Average error in fit: 0.93 |
| Reduced Chi-Square: 838.6 |
| Figure Of Merit: 141.05 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: 96.9 (%) |
| ED: 3976.92 +/- 165.39 (Gy/s) |
| RSE of ED: 4.16 (%) |
| 95% interval: [3636.14, 4332.19] |
| 68% interval: [3829.08, 4134.26] |

Summary



ID: [NO=164, Position=3, Grain=64]

Status: OK

Tn: 680 +/- 31.05

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 11.3 +/- 1.45

RSE of Tn: 4.57 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.1 +/- 0.08

Recycling ratio 2: 1.21 +/- 0.09

Recycling ratio 3: 1.1 +/- 0.08

Recuperation 1: 0.03 +/- 0.16 (%)

Recuperation 2: 0.03 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 861.02

Average error in fit: 0.8

Reduced Chi-Square: 287.01

Figure Of Merit: 81.29 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

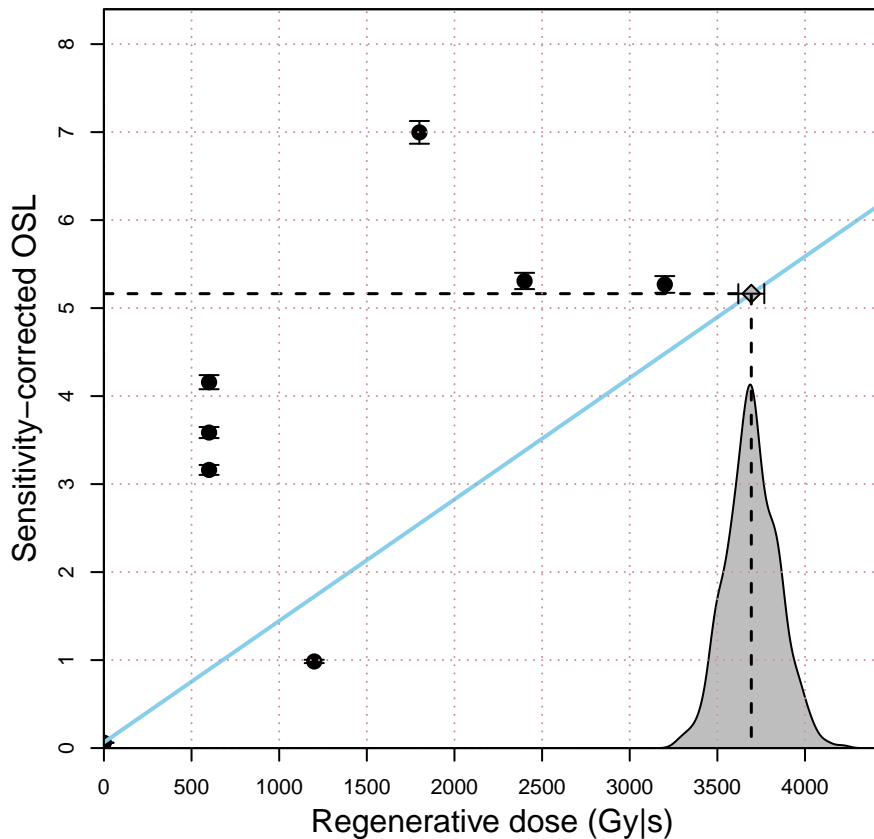
ED: 3061.1 +/- 159.98 (Gy/s)

RSE of ED: 5.23 (%)

95% interval: [2736.41, 3369.24]

68% interval: [2881.09, 3205.9]

Summary



ID: [NO=165, Position=3, Grain=65]
=====

Status: OK
=====

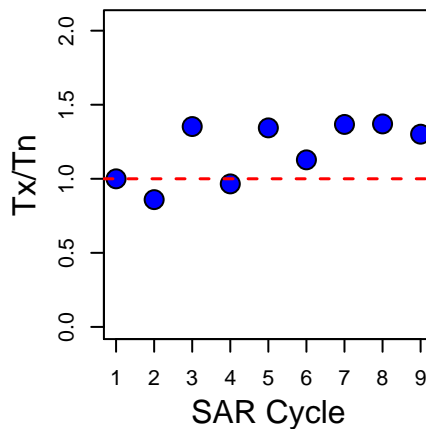
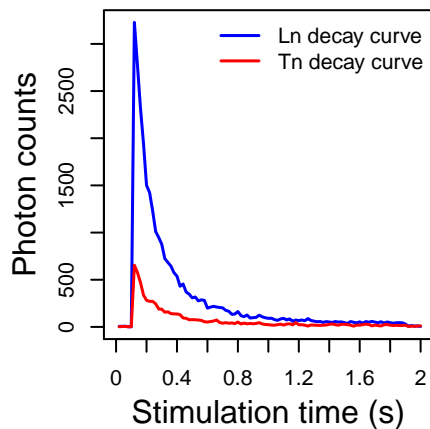
Tn: 2238 +/- 66.1
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 27.33 +/- 3.02
RSE of Tn: 2.95 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 0.86 +/- 0.05
Recycling ratio 2: 0.76 +/- 0.04
Recycling ratio 3: 0.88 +/- 0.04
=====

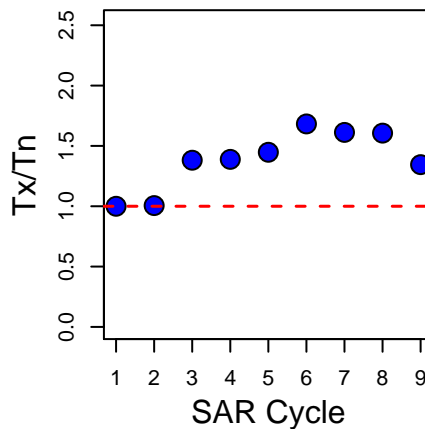
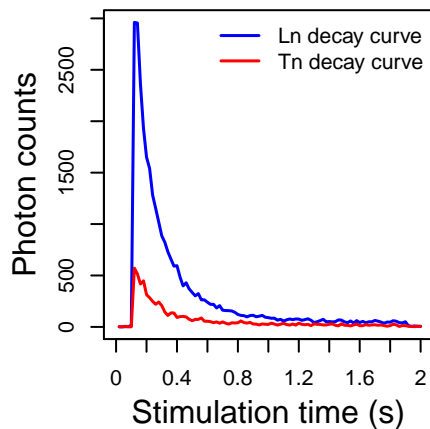
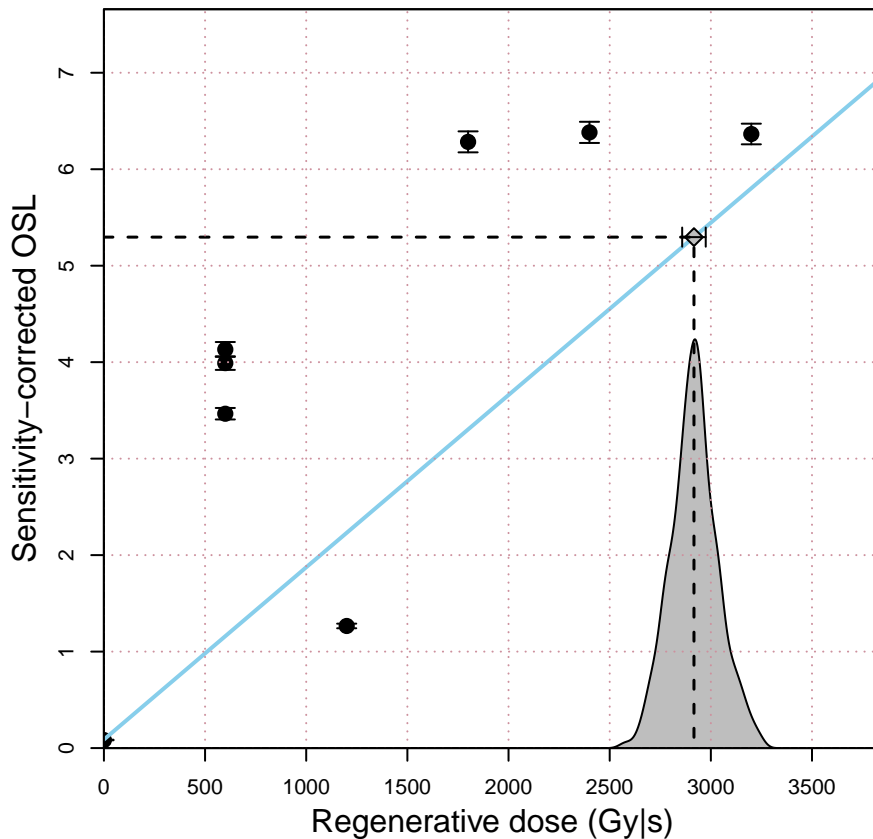
Recuperation 1: 1.18 +/- 0.12 (%)
Recuperation 2: 0.87 +/- 0.09 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2072.84
Average error in fit: 0.86
Reduced Chi-Square: 690.95
Figure Of Merit: 108.43 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 99.6 (%)
ED: 3693.57 +/- 148.26 (Gy/s)
RSE of ED: 4.01 (%)
95% interval: [3414.56, 3993.55]
68% interval: [3553.7, 3845.27]



Summary



ID: [NO=166, Position=3, Grain=66]

Status: OK

Tn: 2194 +/- 65.01

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 31.9 +/- 3.84

RSE of Tn: 2.96 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.84 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.05

Recycling ratio 3: 1.15 +/- 0.06

Recuperation 1: 1.58 +/- 0.13 (%)

Recuperation 2: 1.31 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1839.26

Average error in fit: 0.75

Reduced Chi-Square: 613.09

Figure Of Merit: 75.89 (%)

calED method: Interpolation

MC acceptance-rate: 95.06 (%)

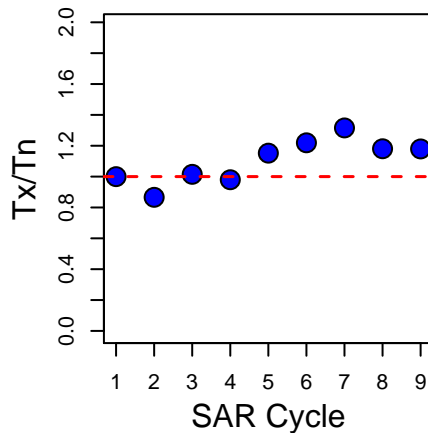
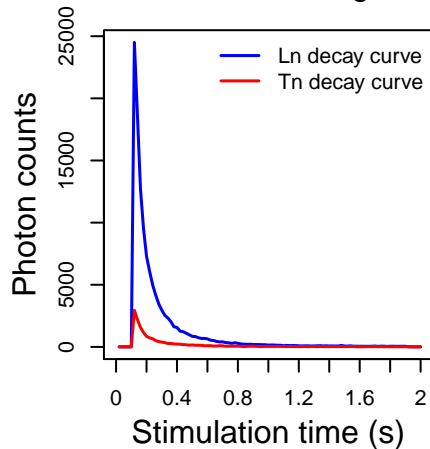
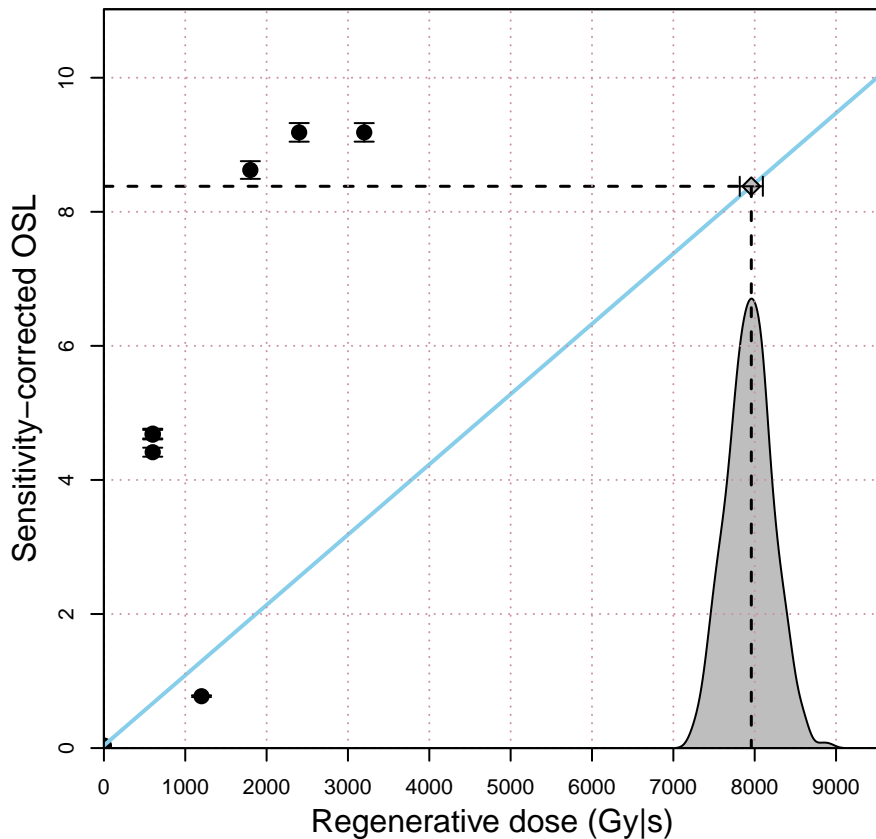
ED: 2916.56 +/- 116.36 (Gy/s)

RSE of ED: 3.99 (%)

95% interval: [2694.47, 3164.37]

68% interval: [2802.78, 3030.92]

Summary



ID: [NO=168, Position=3, Grain=68]

Status: OK

Tn: 8651.5 +/- 196.78

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 101.02 +/- 10.92

RSE of Tn: 2.27 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1 +/- 0.04

Recycling ratio 2: 0.94 +/- 0.04

Recycling ratio 3: 0.94 +/- 0.04

Recuperation 1: 0.46 +/- 0.03 (%)

Recuperation 2: 0.42 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4423.86

Average error in fit: 1.62

Reduced Chi-Square: 1474.62

Figure Of Merit: 280.33 (%)

calED method: Extrapolation

MC acceptance-rate: 94.88 (%)

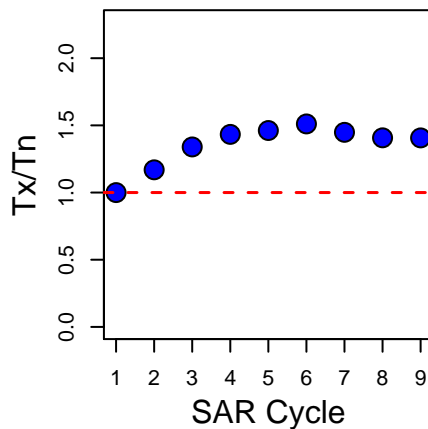
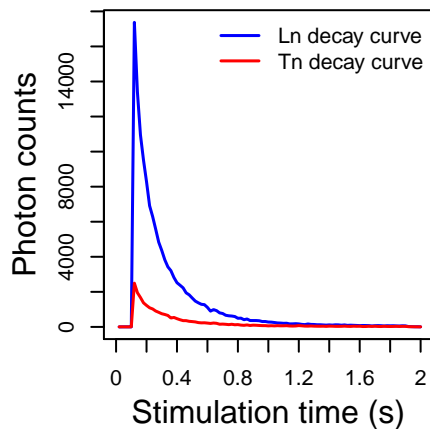
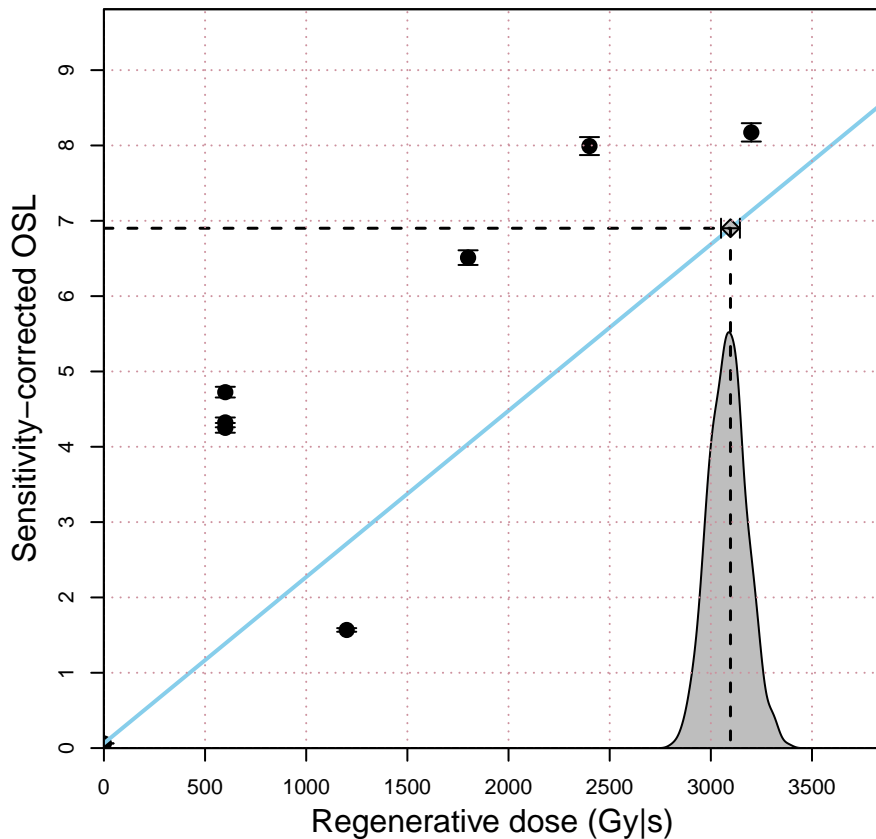
ED: 7958.42 +/- 283.88 (Gy/s)

RSE of ED: 3.57 (%)

95% interval: [7400.78, 8492.4]

68% interval: [7650.63, 8216]

Summary



ID: [NO=170, Position=3, Grain=70]

Status: OK

Tn: 8579.5 \pm 195.55

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 60.79 \pm 5.12

RSE of Tn: 2.28 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.02 \pm 0.04

Recycling ratio 2: 1.11 \pm 0.05

Recycling ratio 3: 1.09 \pm 0.05

Recuperation 1: 0.9 \pm 0.05 (%)

Recuperation 2: 0.76 \pm 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2418.12

Average error in fit: 0.82

Reduced Chi-Square: 806.04

Figure Of Merit: 70.01 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

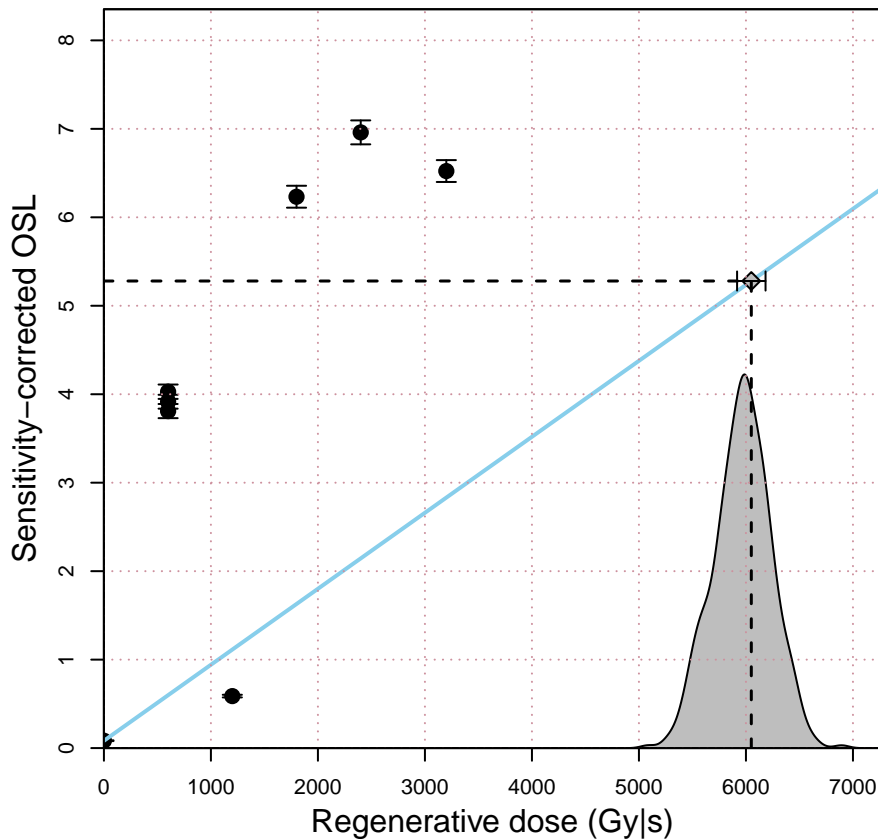
ED: 3096.99 \pm 93.32 (Gy/s)

RSE of ED: 3.01 (%)

95% interval: [2908.17, 3269.26]

68% interval: [2989.42, 3179.75]

Summary



ID: [NO=172, Position=3, Grain=72]
=====

Status: OK
=====

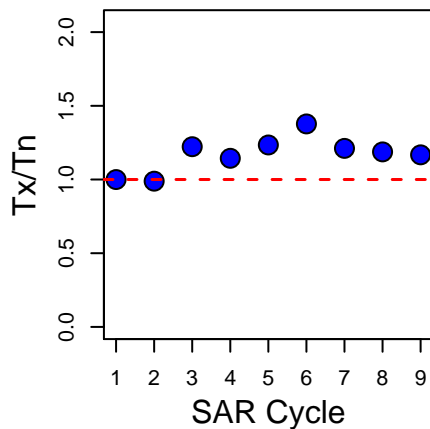
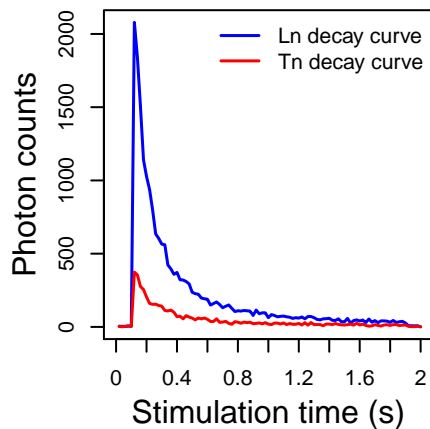
Tn: 1404.5 +/- 47.78
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 24.61 +/- 3.25
RSE of Tn: 3.4 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.03 +/- 0.06
Recycling ratio 2: 1.06 +/- 0.06
Recycling ratio 3: 1.03 +/- 0.06
=====

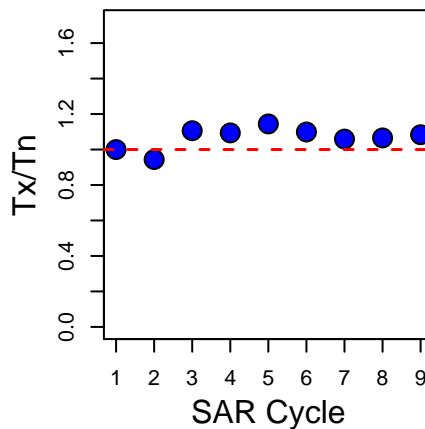
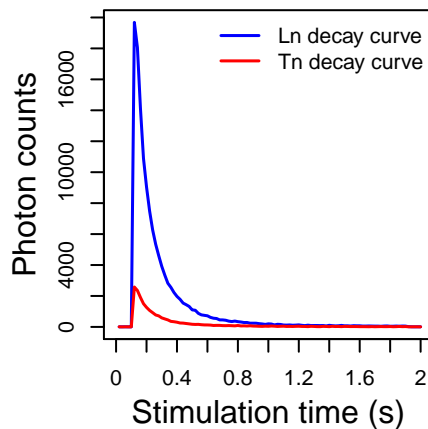
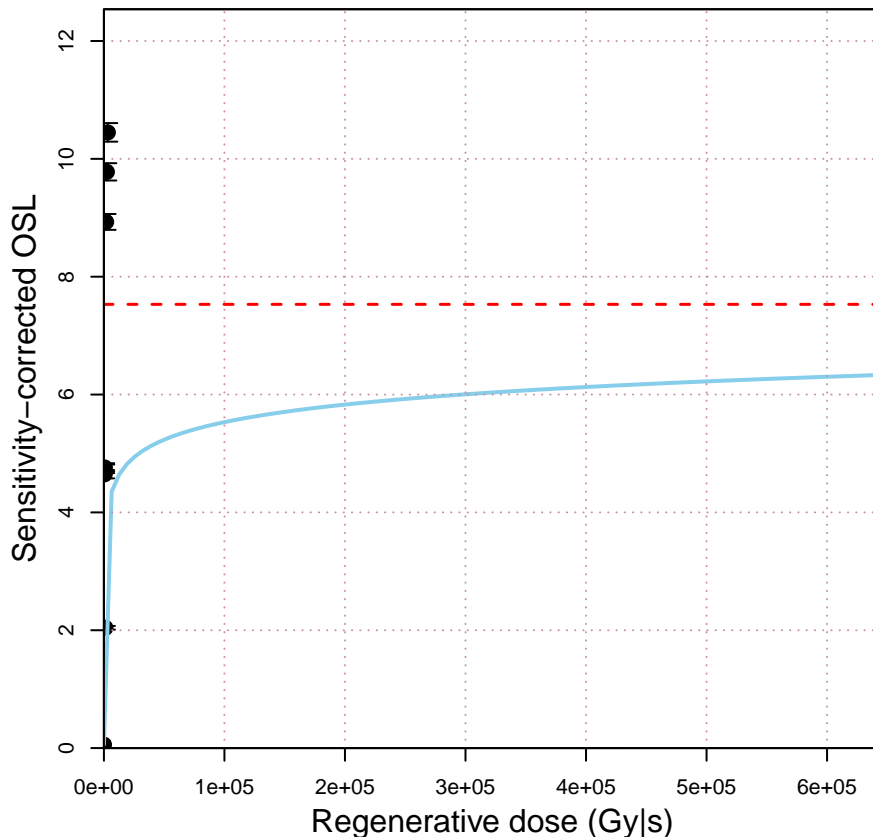
Recuperation 1: 1.58 +/- 0.18 (%)
Recuperation 2: 1.2 +/- 0.14 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2497
Average error in fit: 1.19
Reduced Chi-Square: 832.33
Figure Of Merit: 245.92 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 99.21 (%)
ED: 6050.16 +/- 265.86 (Gy/s)
RSE of ED: 4.39 (%)
95% interval: [5441.38, 6462.73]
68% interval: [5698.02, 6226.89]



Summary



ID: [NO=173, Position=3, Grain=73]

Status: Ln/Tn saturated

Tn: 9500.5 +/- 213.89

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 100.48 +/- 10.33

RSE of Tn: 2.25 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.98 +/- 0.04

Recycling ratio 2: 1 +/- 0.04

Recycling ratio 3: 1.02 +/- 0.04

Recuperation 1: 0.78 +/- 0.05 (%)

Recuperation 2: 0.56 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2091.71

Average error in fit: 1.31

Reduced Chi-Square: 697.24

Figure Of Merit: 90.71 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

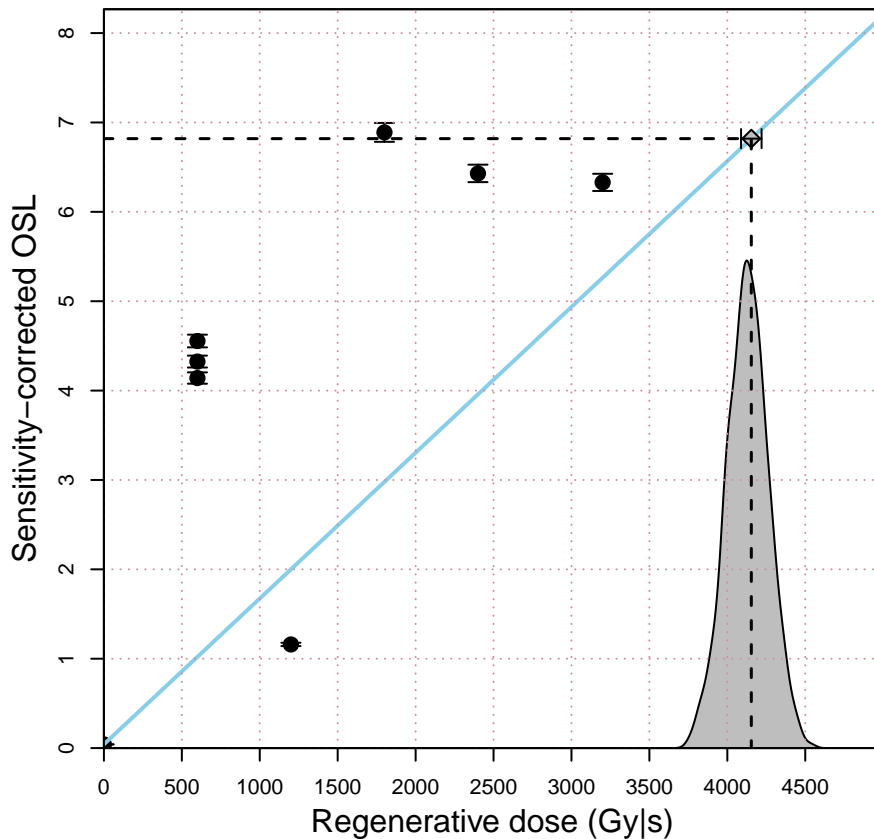
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=174, Position=3, Grain=74]
=====

Status: OK
=====

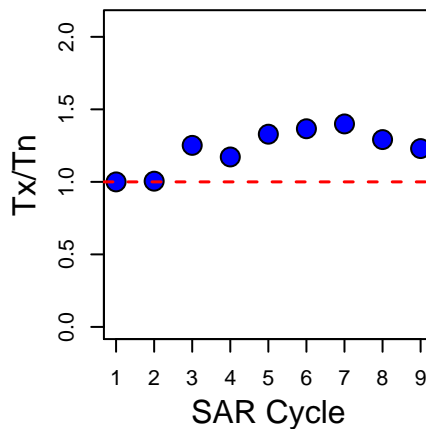
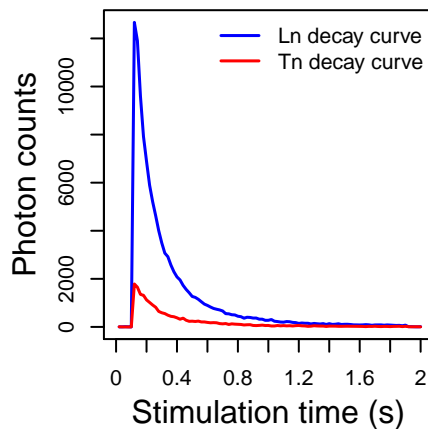
Tn: 7129.5 +/- 166.15
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 74.88 +/- 7.67
RSE of Tn: 2.33 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 0.91 +/- 0.04
Recycling ratio 2: 0.95 +/- 0.04
Recycling ratio 3: 1.04 +/- 0.05
=====

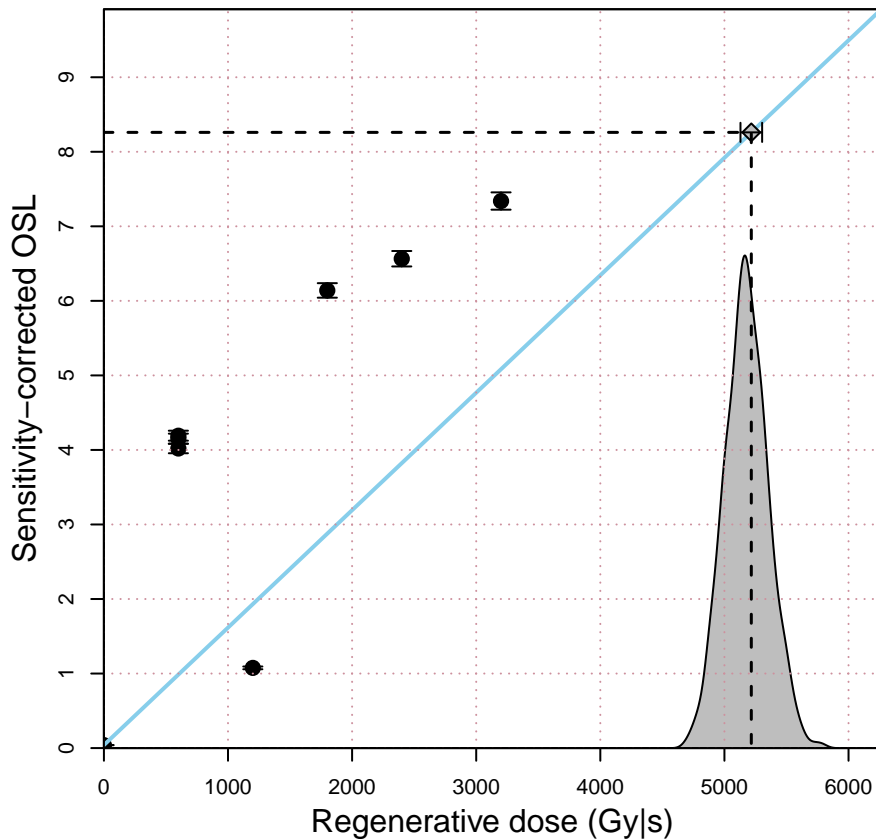
Recuperation 1: 0.61 +/- 0.04 (%)
Recuperation 2: 0.6 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2893.46
Average error in fit: 0.94
Reduced Chi-Square: 964.49
Figure Of Merit: 105.45 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 99.8 (%)
ED: 4153.91 +/- 131.63 (Gy/s)
RSE of ED: 3.17 (%)
95% interval: [3866.06, 4380.72]
68% interval: [4000.85, 4267.23]



Summary



ID: [NO=176, Position=3, Grain=76]
=====

Status: OK
=====

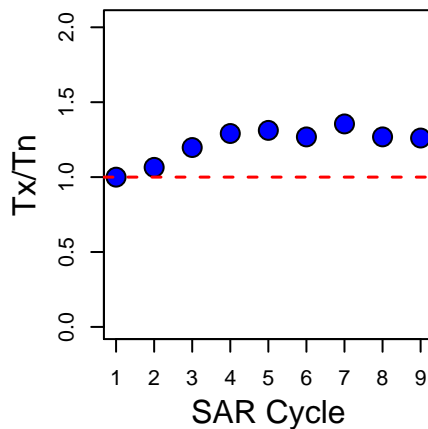
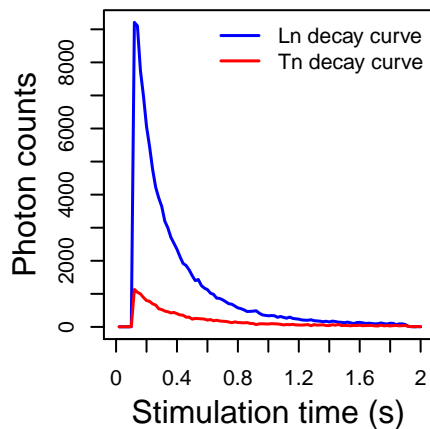
Tn: 4676 +/- 117.07
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 25.74 +/- 1.91
RSE of Tn: 2.5 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.01 +/- 0.05
Recycling ratio 2: 0.97 +/- 0.04
Recycling ratio 3: 0.96 +/- 0.04
=====

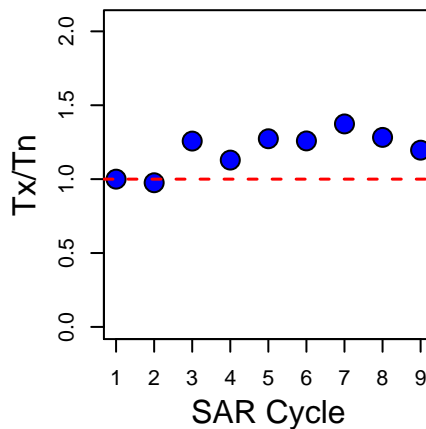
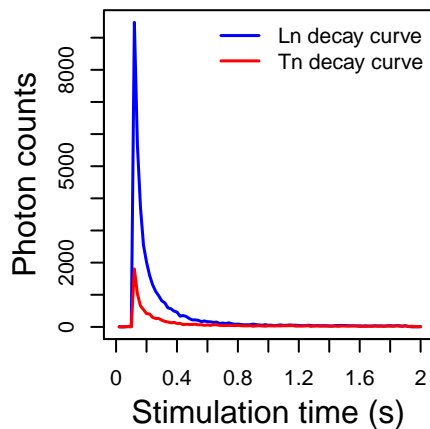
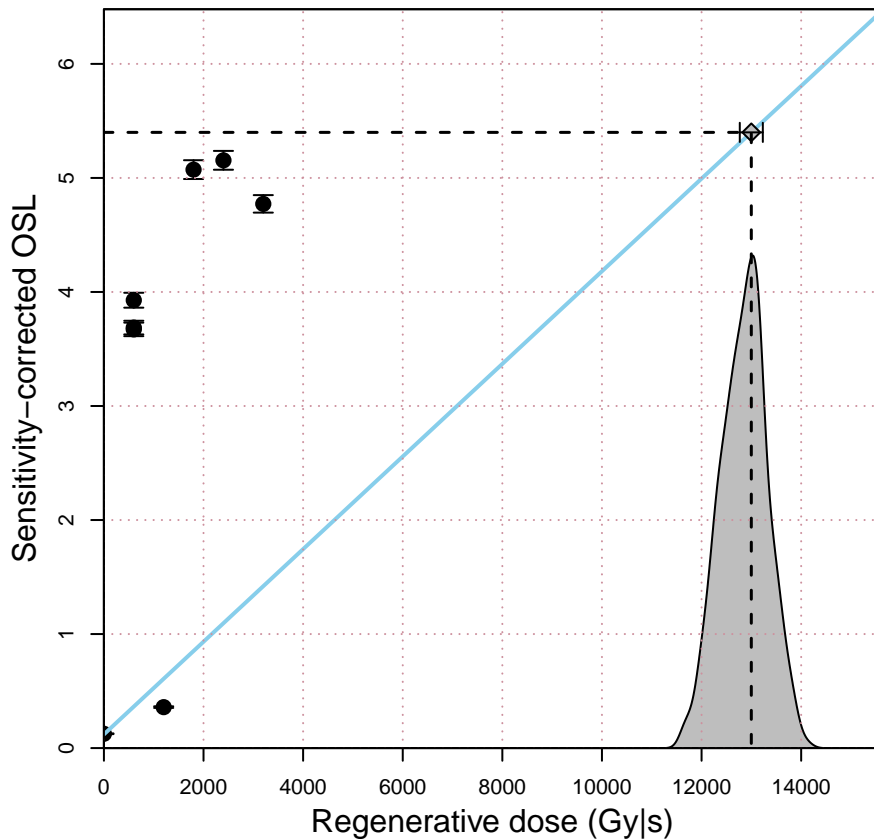
Recuperation 1: 0.48 +/- 0.04 (%)
Recuperation 2: 0.54 +/- 0.05 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2777.36
Average error in fit: 0.91
Reduced Chi-Square: 925.79
Figure Of Merit: 110.82 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 99.8 (%)
ED: 5216.69 +/- 174.41 (Gy/s)
RSE of ED: 3.34 (%)
95% interval: [4858.41, 5525.98]
68% interval: [5000.98, 5344.77]



Summary



ID: [NO=179, Position=3, Grain=79]

Status: OK

Tn: 4308 +/- 109.17

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.74 +/- 3.25

RSE of Tn: 2.53 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 0.94 +/- 0.04

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 2.33 +/- 0.14 (%)

Recuperation 2: 2.44 +/- 0.15 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4337.57

Average error in fit: 1.12

Reduced Chi-Square: 1445.86

Figure Of Merit: 425.75 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

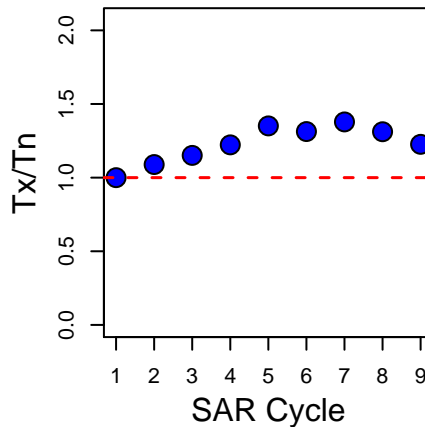
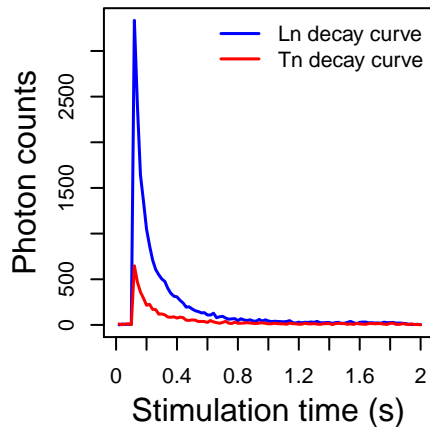
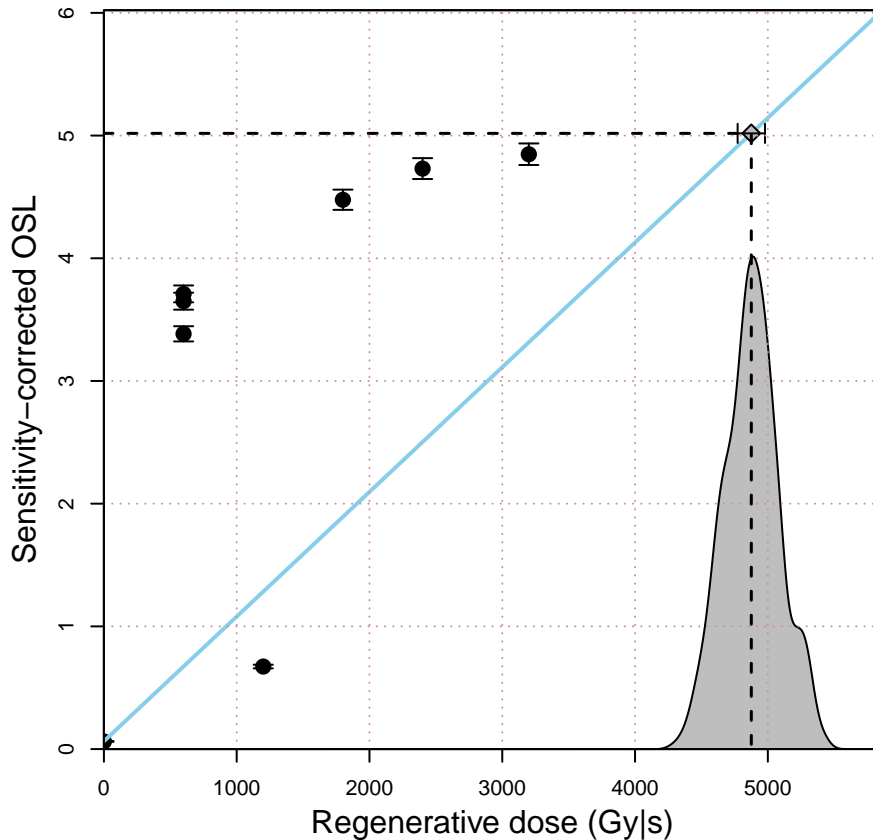
ED: 12998.88 +/- 462.5 (Gy/s)

RSE of ED: 3.56 (%)

95% interval: [11959.75, 13753.82]

68% interval: [12365.58, 13293.26]

Summary



ID: [NO=181, Position=3, Grain=81]

Status: OK

Tn: 1927.5 +/- 59.13

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.73 +/- 4.86

RSE of Tn: 3.07 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 1.02 +/- 0.05

Recycling ratio 3: 1.1 +/- 0.06

Recuperation 1: 1.24 +/- 0.14 (%)

Recuperation 2: 1.28 +/- 0.15 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2337.82

Average error in fit: 0.79

Reduced Chi-Square: 779.27

Figure Of Merit: 141.53 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

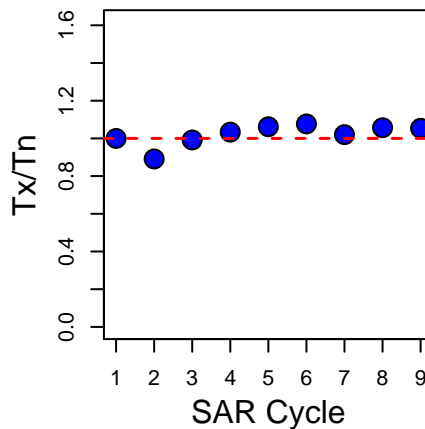
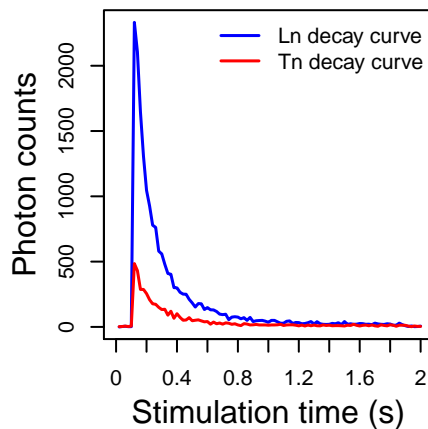
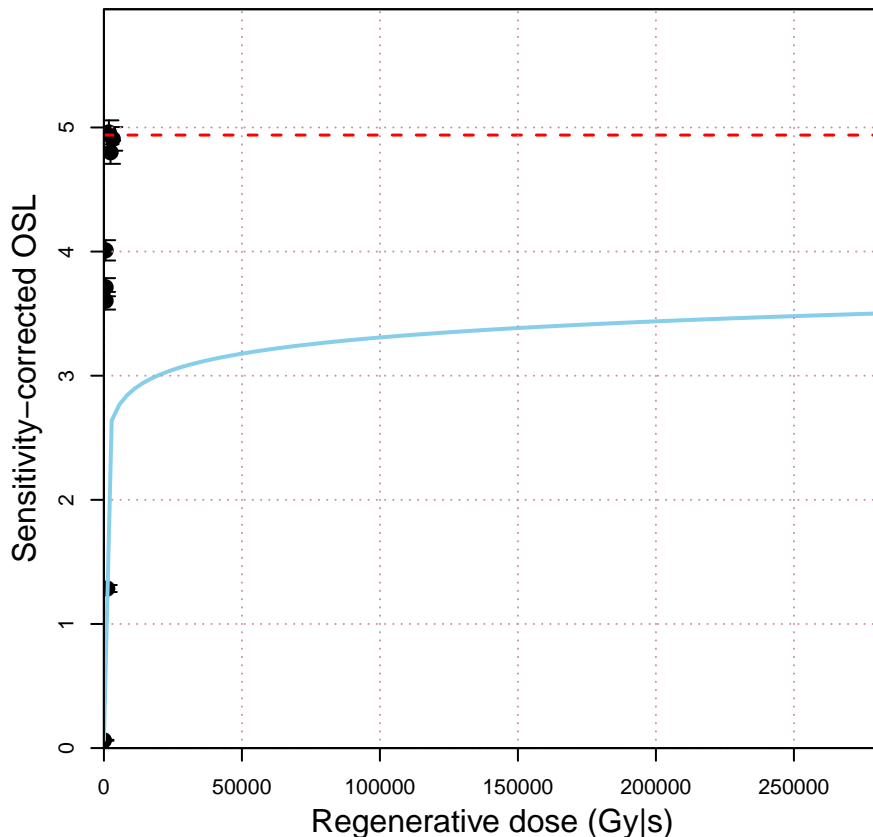
ED: 4875.6 +/- 206.32 (Gy/s)

RSE of ED: 4.23 (%)

95% interval: [4476.13, 5300.02]

68% interval: [4668.54, 5081.81]

Summary



ID: [NO=182, Position=3, Grain=82]

Status: Ln/Tn saturated

Tn: 1689 +/- 53.98

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 31.16 +/- 4.23

RSE of Tn: 3.2 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 0.9 +/- 0.05

Recycling ratio 3: 0.97 +/- 0.05

Recuperation 1: 1.27 +/- 0.17 (%)

Recuperation 2: 1.26 +/- 0.17 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1149.35

Average error in fit: 0.6

Reduced Chi-Square: 383.12

Figure Of Merit: 70.77 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

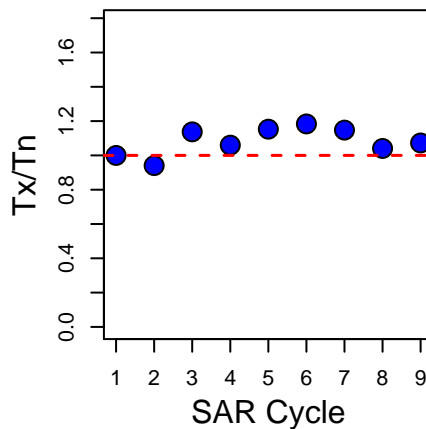
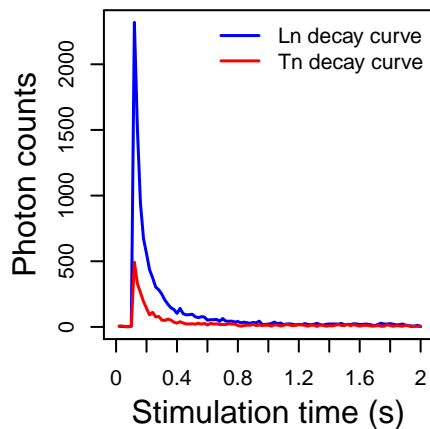
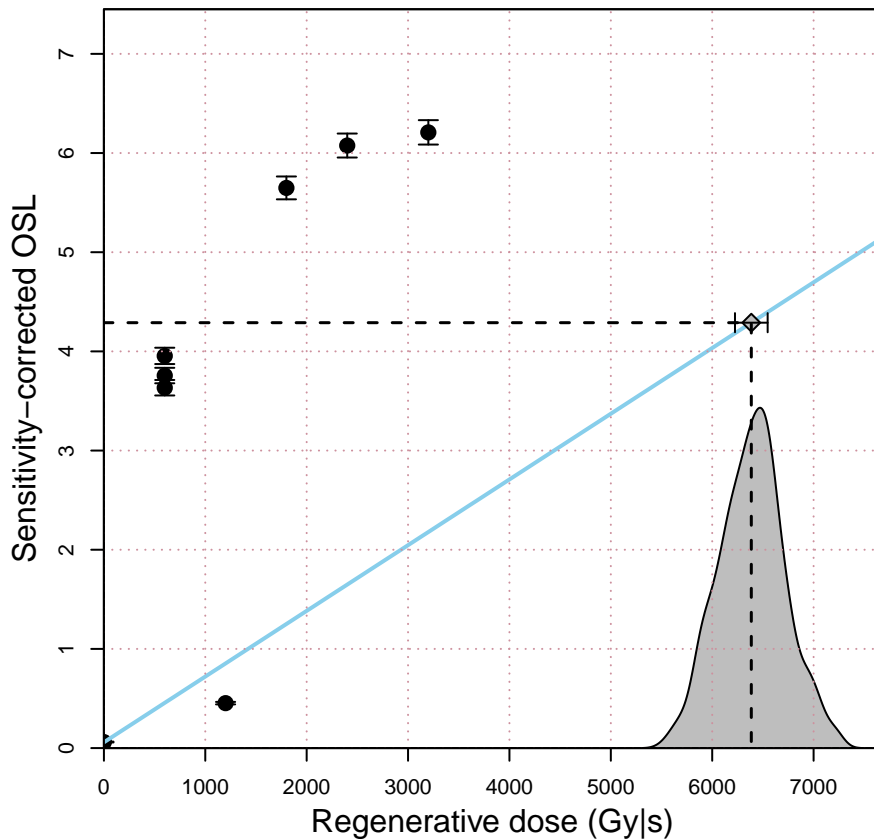
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

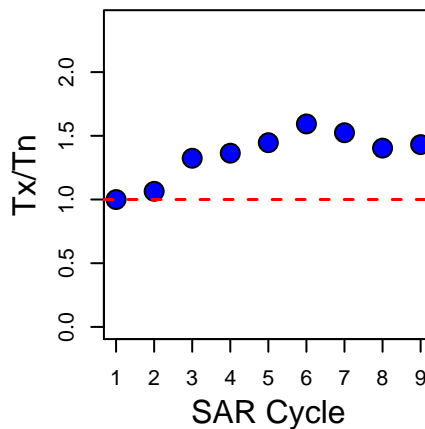
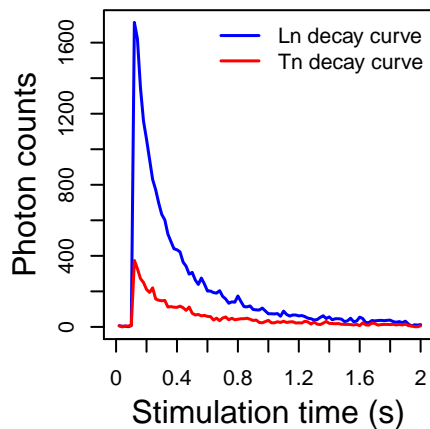
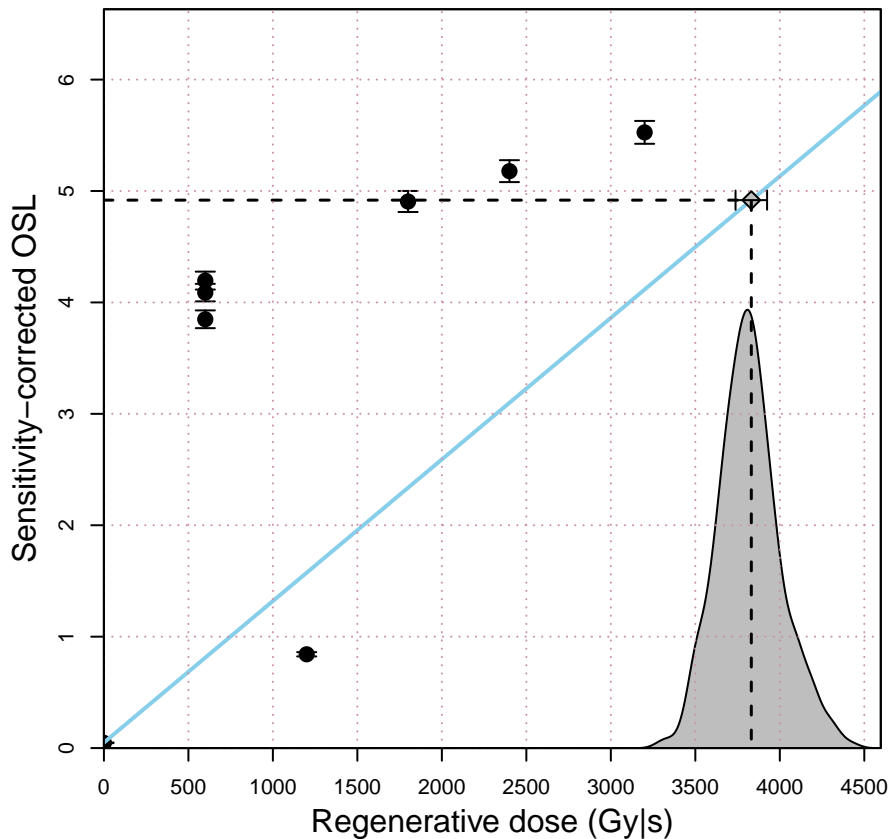
68% interval: [-Inf, +Inf]

Summary



| |
|------------------------------------|
| ID: [NO=185, Position=3, Grain=85] |
| ===== |
| Status: OK |
| ===== |
| Tn: 1374 +/- 46.85 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 32.23 +/- 4.93 |
| RSE of Tn: 3.41 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 1.09 +/- 0.07 |
| Recycling ratio 2: 1.03 +/- 0.06 |
| Recycling ratio 3: 0.95 +/- 0.06 |
| ===== |
| Recuperation 1: 1.42 +/- 0.21 (%) |
| Recuperation 2: 0.98 +/- 0.15 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 2538.73 |
| Average error in fit: 1.18 |
| Reduced Chi-Square: 846.24 |
| Figure Of Merit: 315.75 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: 99.8 (%) |
| ED: 6385.75 +/- 322.32 (Gy/s) |
| RSE of ED: 5.05 (%) |
| 95% interval: [5775.39, 7037.64] |
| 68% interval: [6061.91, 6698.31] |

Summary



ID: [NO=186, Position=3, Grain=86]

Status: OK

Tn: 1369.5 \pm 47.1

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.91 \pm 2.77

RSE of Tn: 3.44 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.06 \pm 0.06

Recycling ratio 2: 1.09 \pm 0.06

Recycling ratio 3: 1.03 \pm 0.06

Recuperation 1: 0.96 \pm 0.14 (%)

Recuperation 2: 0.85 \pm 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1944.83

Average error in fit: 0.84

Reduced Chi-Square: 648.28

Figure Of Merit: 121.16 (%)

calED method: Extrapolation

MC acceptance-rate: 97.09 (%)

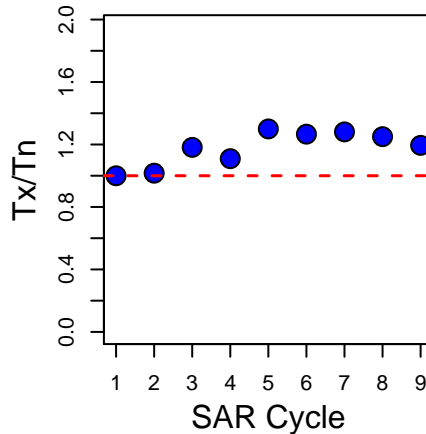
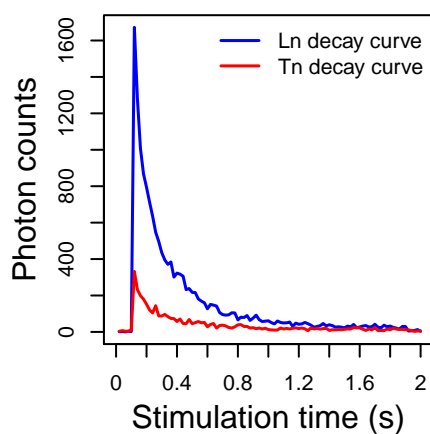
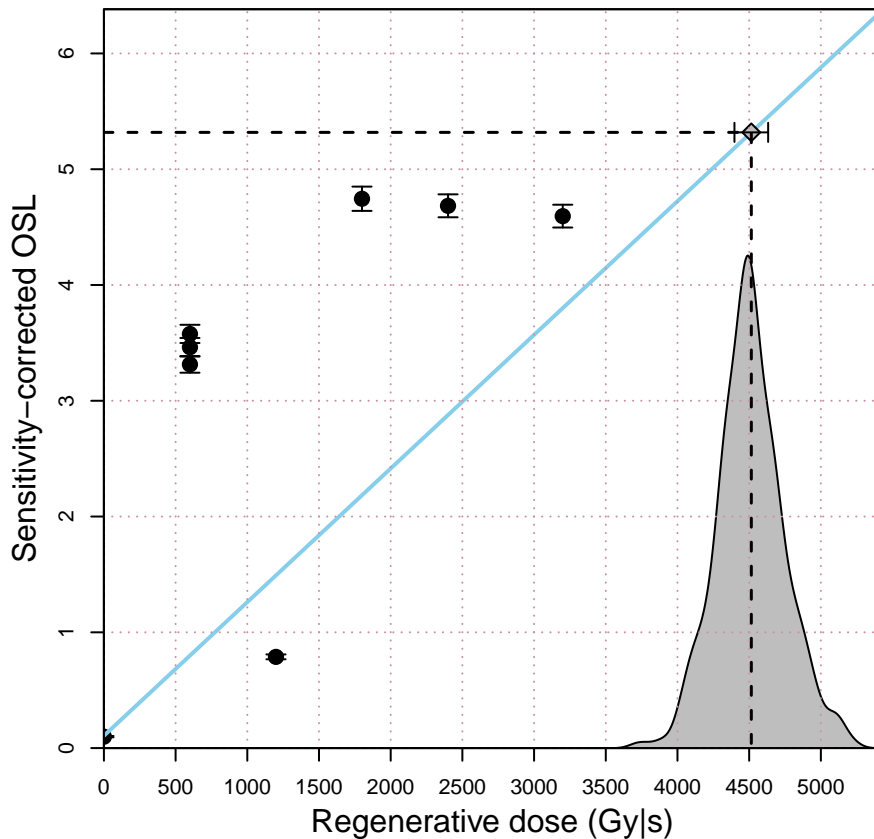
ED: 3831.35 \pm 186.62 (Gy/s)

RSE of ED: 4.87 (%)

95% interval: [3490.24, 4217.21]

68% interval: [3646.22, 3998.08]

Summary



ID: [NO=189, Position=3, Grain=89]

Status: OK

Tn: 1032 +/- 39.4

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 17.38 +/- 2.25

RSE of Tn: 3.82 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.06

Recycling ratio 2: 1.03 +/- 0.07

Recycling ratio 3: 1.08 +/- 0.07

Recuperation 1: 1.86 +/- 0.23 (%)

Recuperation 2: 2.08 +/- 0.26 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1425.4

Average error in fit: 0.71

Reduced Chi-Square: 475.13

Figure Of Merit: 107.57 (%)

calED method: Extrapolation

MC acceptance-rate: 96.9 (%)

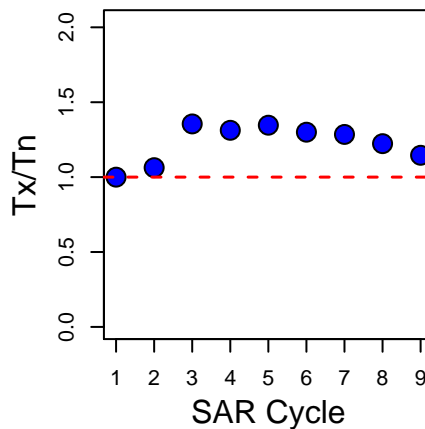
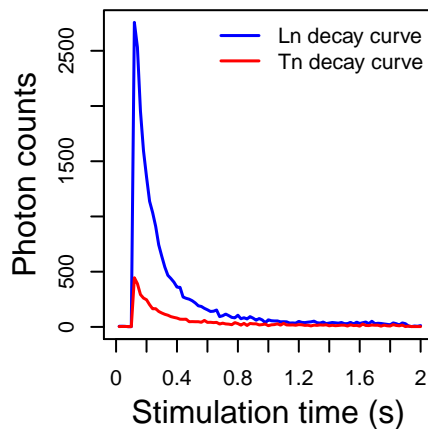
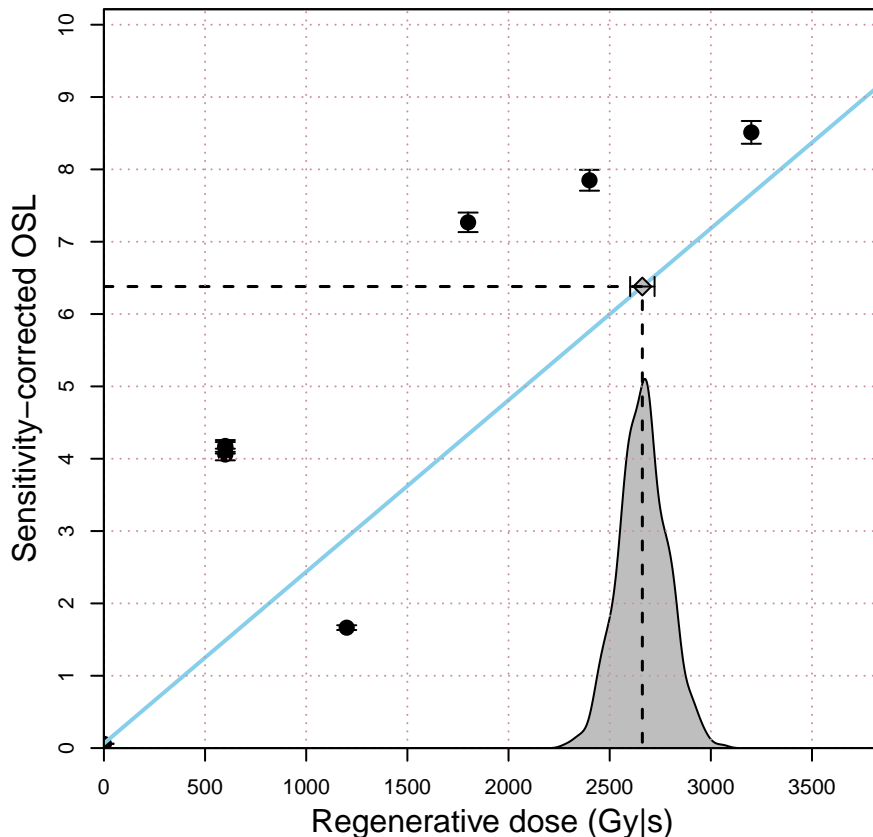
ED: 4514.99 +/- 235.07 (Gy/s)

RSE of ED: 5.21 (%)

95% interval: [4068.98, 5010.14]

68% interval: [4302.83, 4726.99]

Summary



ID: [NO=190, Position=3, Grain=90]

Status: OK

Tn: 1576 +/- 51.57

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.27 +/- 3.58

RSE of Tn: 3.27 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.02 +/- 0.06

Recycling ratio 2: 1.03 +/- 0.06

Recycling ratio 3: 1.01 +/- 0.06

Recuperation 1: 0.93 +/- 0.11 (%)

Recuperation 2: 0.7 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1341.48

Average error in fit: 0.75

Reduced Chi-Square: 447.16

Figure Of Merit: 59.74 (%)

calED method: Interpolation

MC acceptance-rate: 96.9 (%)

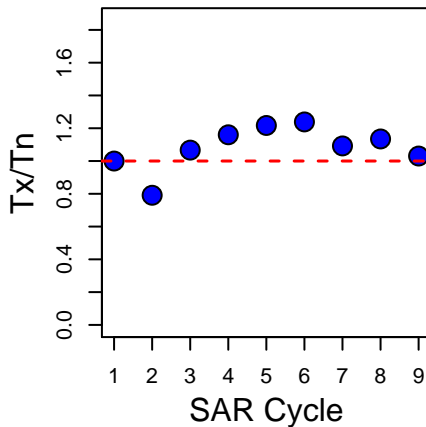
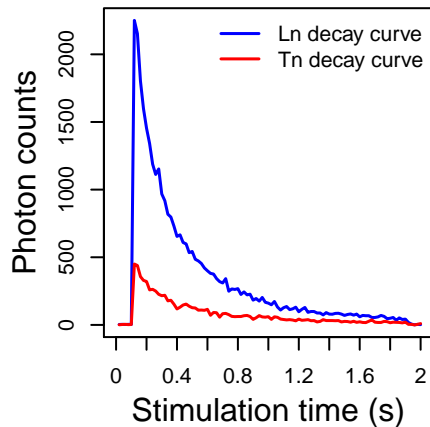
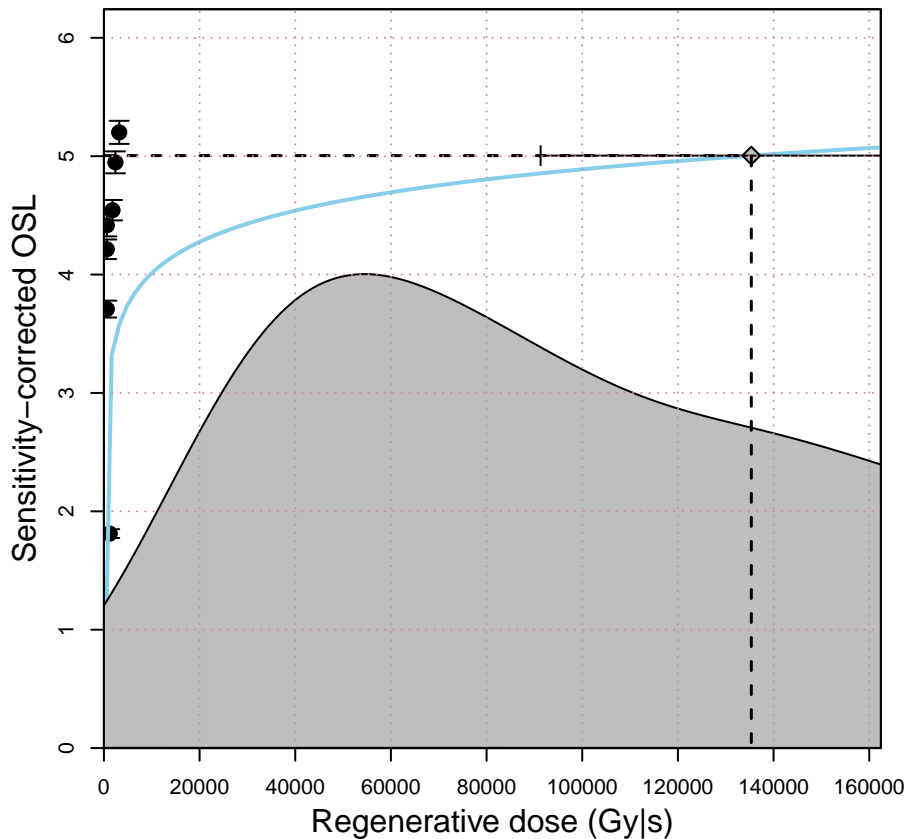
ED: 2661.45 +/- 120.59 (Gy/s)

RSE of ED: 4.53 (%)

95% interval: [2432.64, 2907.67]

68% interval: [2550.78, 2783.37]

Summary



ID: [NO=191, Position=3, Grain=91]

Status: OK

Tn: 1799 \pm 56.91

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 19.55 \pm 2.03

RSE of Tn: 3.16 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.84 \pm 0.05

Recycling ratio 2: 0.95 \pm 0.05

Recycling ratio 3: 1.14 \pm 0.06

Recuperation 1: 2.1 \pm 0.22 (%)

Recuperation 2: 2.02 \pm 0.21 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 683.92

Average error in fit: 0.44

Reduced Chi-Square: 227.97

Figure Of Merit: 40.84 (%)

calED method: Extrapolation

MC acceptance-rate: 79.24 (%)

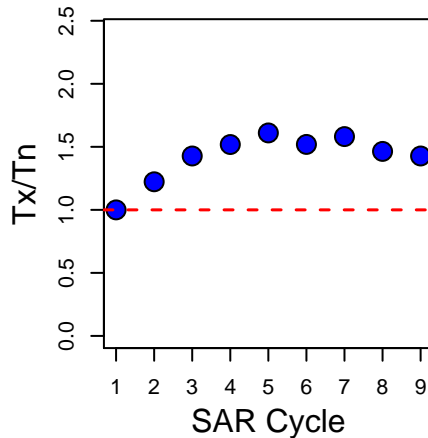
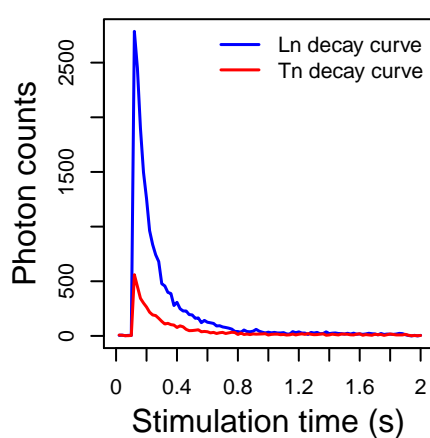
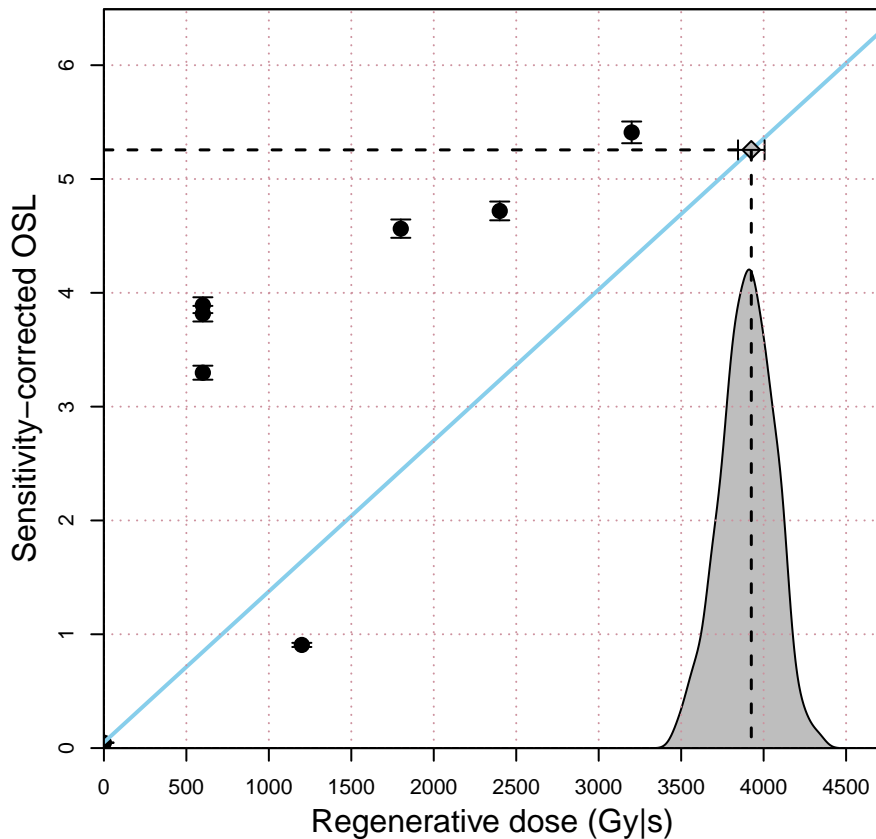
ED: 135344.71 \pm 88098.59 (Gy/s)

RSE of ED: 65.09 (%)

95% interval: [17332.54, 341271.86]

68% interval: [41499.41, 224781.79]

Summary



ID: [NO=192, Position=3, Grain=92]

Status: OK

Tn: 1865.5 +/- 57.8

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 34.61 +/- 4.71

RSE of Tn: 3.1 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.18 +/- 0.06

Recycling ratio 2: 1.16 +/- 0.06

Recycling ratio 3: 0.98 +/- 0.05

Recuperation 1: 0.9 +/- 0.11 (%)

Recuperation 2: 0.87 +/- 0.1 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2046.11

Average error in fit: 0.71

Reduced Chi-Square: 682.04

Figure Of Merit: 98.19 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

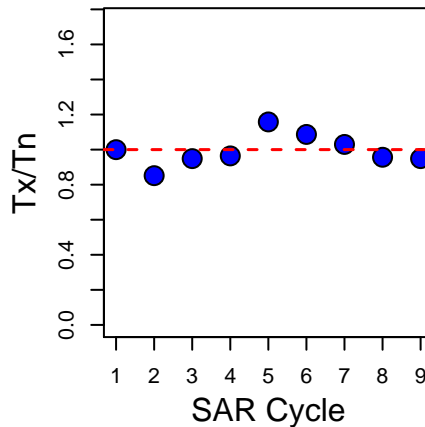
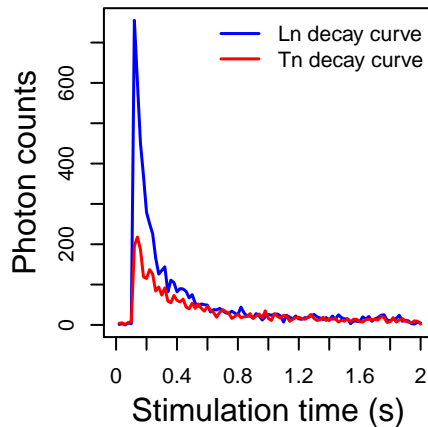
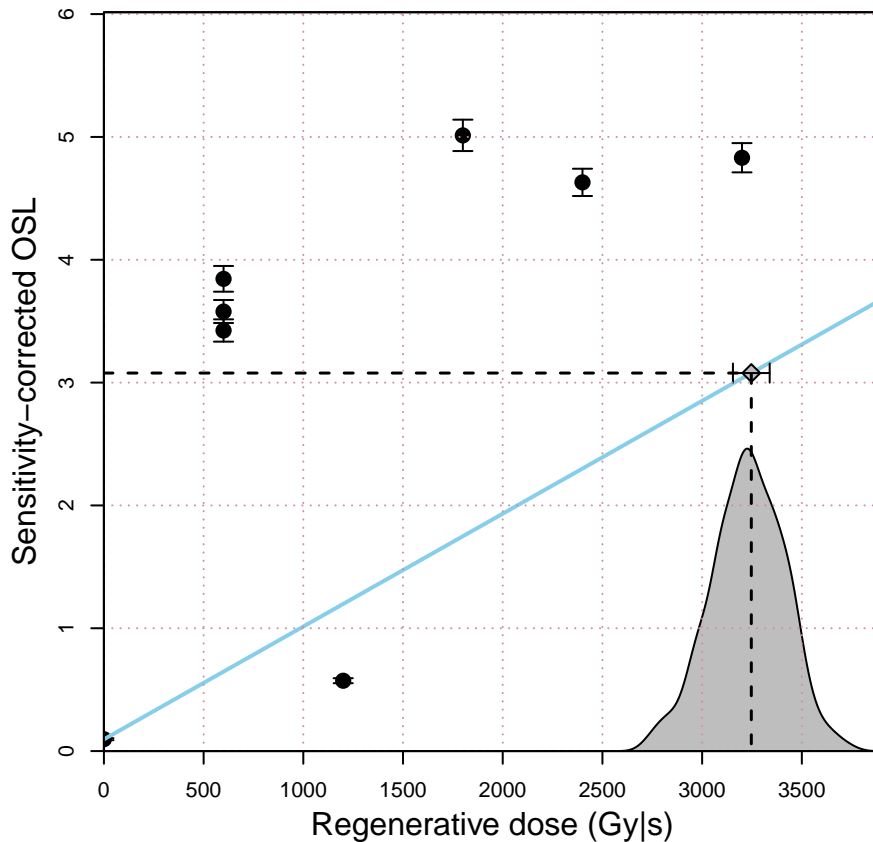
ED: 3925.29 +/- 161.04 (Gy/s)

RSE of ED: 4.1 (%)

95% interval: [3567.37, 4200.27]

68% interval: [3746, 4069.89]

Summary



ID: [NO=194, Position=3, Grain=94]

Status: OK

Tn: 771.5 \pm 33.24

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 13.15 \pm 1.71

RSE of Tn: 4.31 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.93 \pm 0.07

Recycling ratio 2: 0.89 \pm 0.07

Recycling ratio 3: 0.96 \pm 0.07

Recuperation 1: 3.15 \pm 0.55 (%)

Recuperation 2: 1.93 \pm 0.33 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1276.13

Average error in fit: 0.85

Reduced Chi-Square: 425.38

Figure Of Merit: 164.01 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

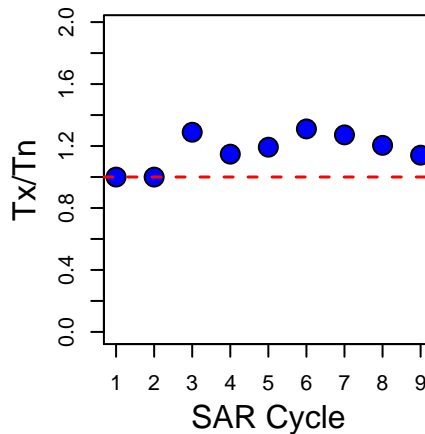
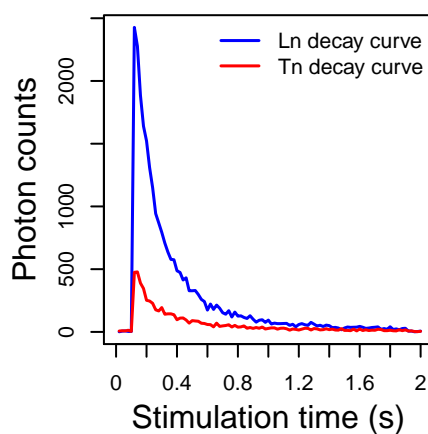
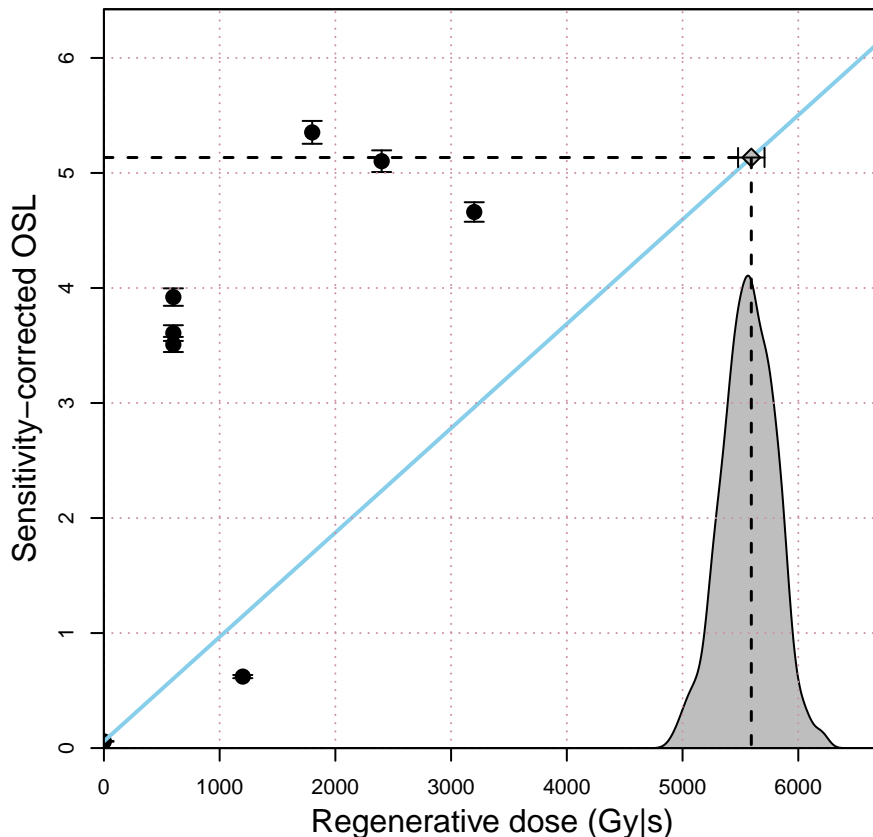
ED: 3246.65 \pm 184.28 (Gy/s)

RSE of ED: 5.68 (%)

95% interval: [2835.05, 3570.09]

68% interval: [3046.98, 3419.62]

Summary



ID: [NO=195, Position=3, Grain=95]

Status: OK

Tn: 1873.5 \pm 58.11

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.17 \pm 3.64

RSE of Tn: 3.1 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.89 \pm 0.05

Recycling ratio 2: 0.92 \pm 0.05

Recycling ratio 3: 1.03 \pm 0.05

Recuperation 1: 1.14 \pm 0.14 (%)

Recuperation 2: 1.09 \pm 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2488.81

Average error in fit: 0.91

Reduced Chi-Square: 829.6

Figure Of Merit: 181.47 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

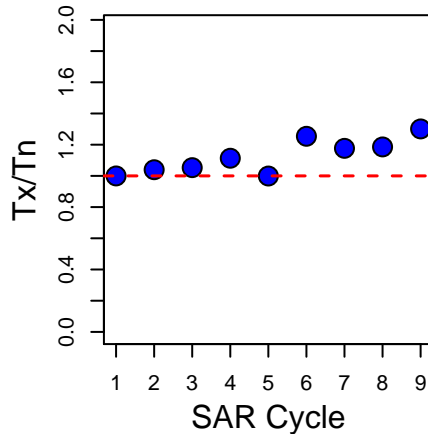
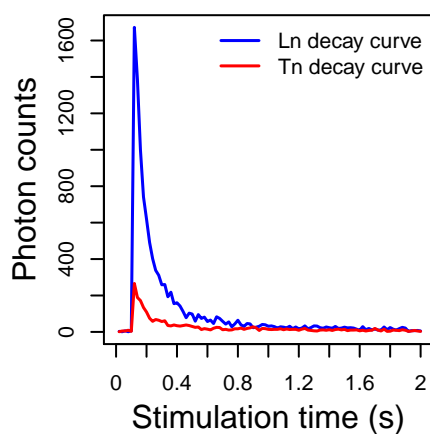
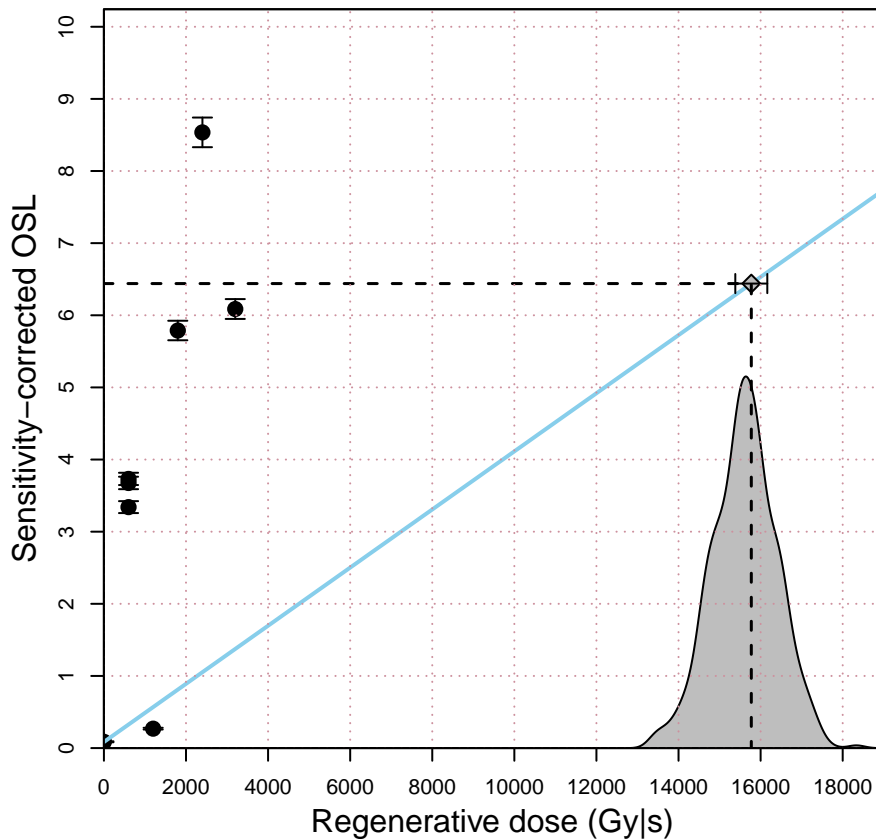
ED: 5594.08 \pm 228.55 (Gy/s)

RSE of ED: 4.09 (%)

95% interval: [5093.02, 5992.46]

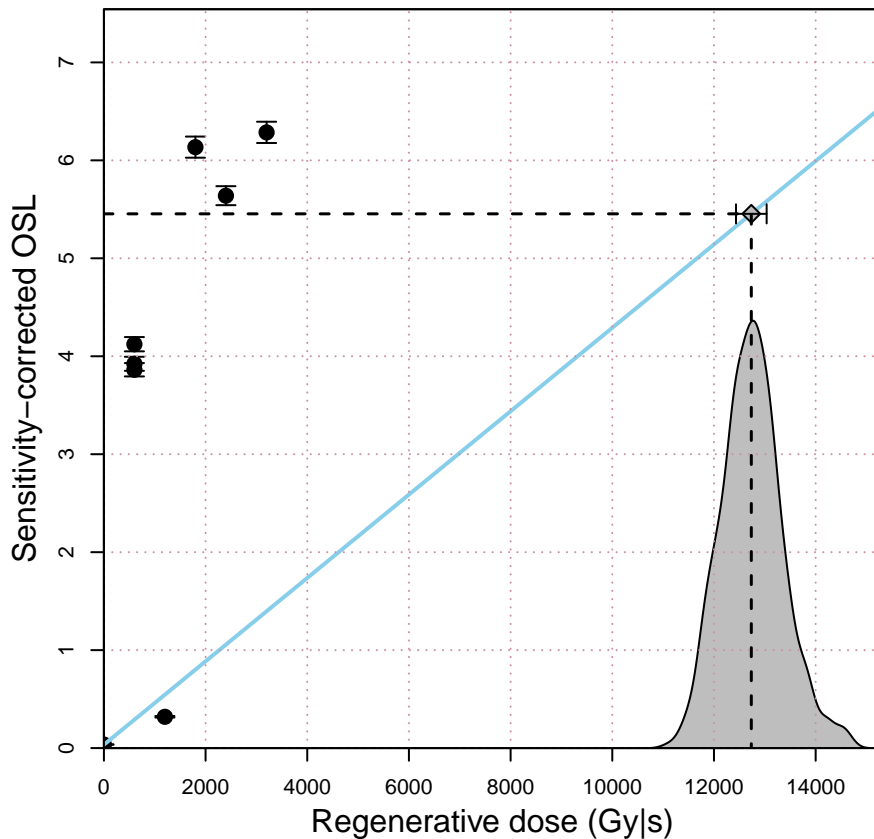
68% interval: [5341.69, 5801.52]

Summary



| |
|------------------------------------|
| ID: [NO=196, Position=3, Grain=96] |
| ===== |
| Status: OK |
| ===== |
| Tn: 828 +/- 34.14 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 20.71 +/- 3.27 |
| RSE of Tn: 4.12 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 1.1 +/- 0.08 |
| Recycling ratio 2: 1.12 +/- 0.08 |
| Recycling ratio 3: 1.02 +/- 0.07 |
| ===== |
| Recuperation 1: 1.35 +/- 0.23 (%) |
| Recuperation 2: 1.02 +/- 0.17 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 2229.91 |
| Average error in fit: 1.45 |
| Reduced Chi-Square: 743.3 |
| Figure Of Merit: 559.55 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: 99.4 (%) |
| ED: 15773.43 +/- 779.4 (Gy/s) |
| RSE of ED: 4.94 (%) |
| 95% interval: [14029.94, 17083.64] |
| 68% interval: [14803.01, 16401.23] |

Summary



ID: [NO=197, Position=3, Grain=97]
=====

Status: OK
=====

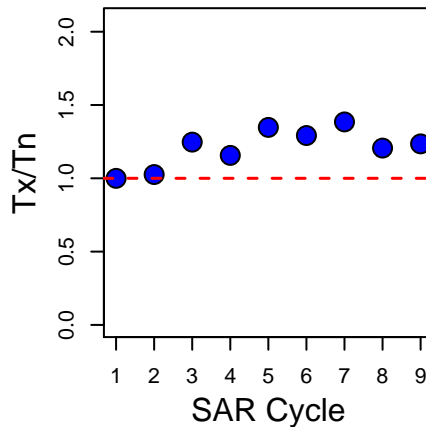
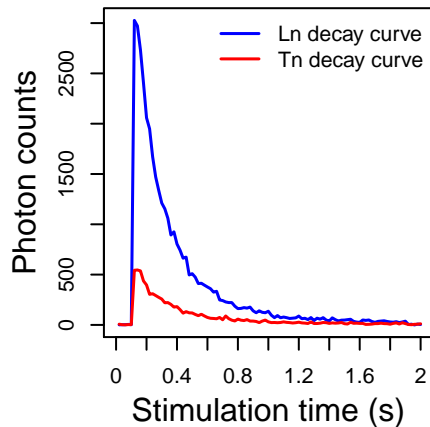
Tn: 2389.5 +/- 69.13
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 34.89 +/- 4.21
RSE of Tn: 2.89 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.05 +/- 0.05
Recycling ratio 2: 0.98 +/- 0.05
Recycling ratio 3: 0.94 +/- 0.05
=====

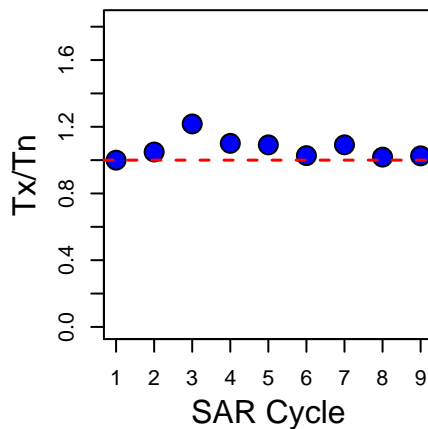
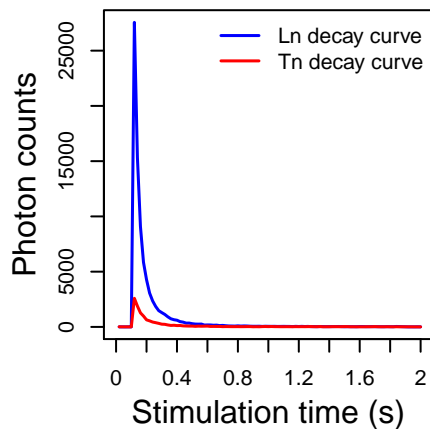
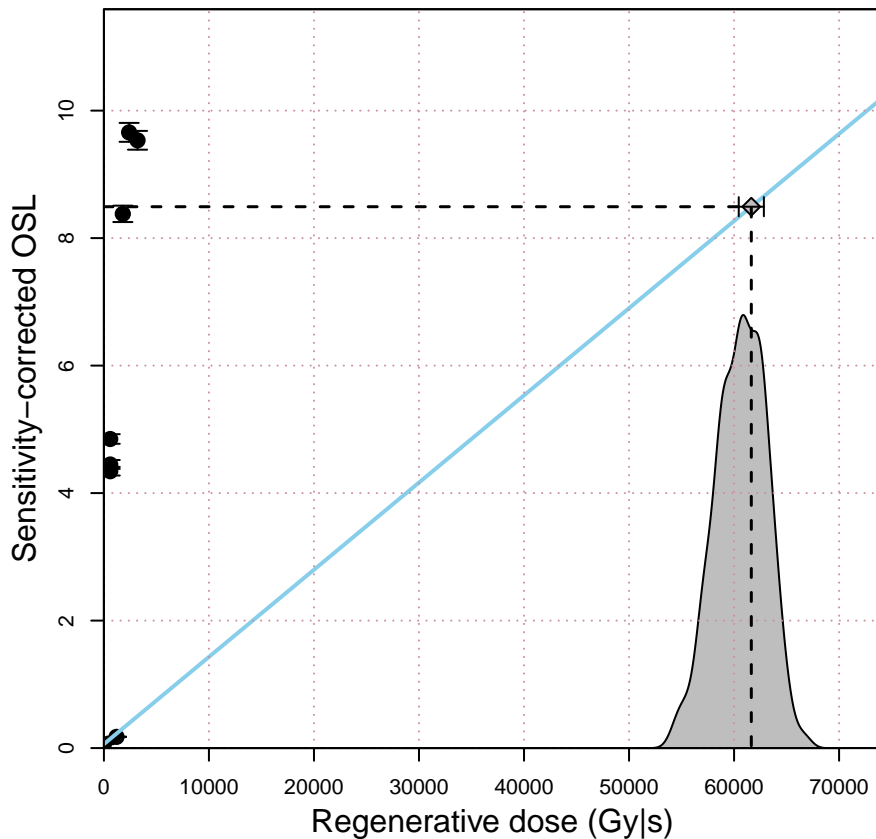
Recuperation 1: 0.66 +/- 0.09 (%)
Recuperation 2: 0.58 +/- 0.08 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3925.42
Average error in fit: 1.34
Reduced Chi-Square: 1308.47
Figure Of Merit: 554.37 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 95.42 (%)
ED: 12734.63 +/- 602.59 (Gy/s)
RSE of ED: 4.73 (%)
95% interval: [11684.5, 14127.62]
68% interval: [12139.45, 13305.29]



Summary



ID: [NO=198, Position=3, Grain=98]

Status: OK

Tn: 7298.5 +/- 169.4

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 119.67 +/- 15.32

RSE of Tn: 2.32 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.02 +/- 0.05

Recycling ratio 2: 1.12 +/- 0.05

Recycling ratio 3: 1.09 +/- 0.05

Recuperation 1: 0.74 +/- 0.05 (%)

Recuperation 2: 0.65 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5866.09

Average error in fit: 2.13

Reduced Chi-Square: 1955.36

Figure Of Merit: 2060.73 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

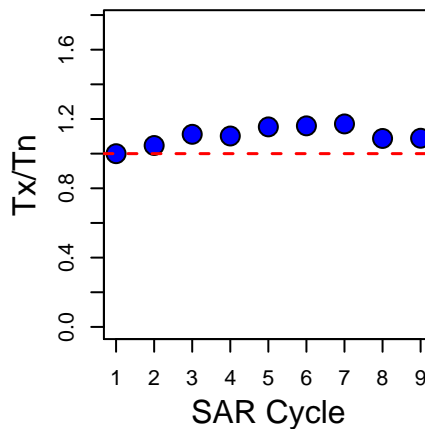
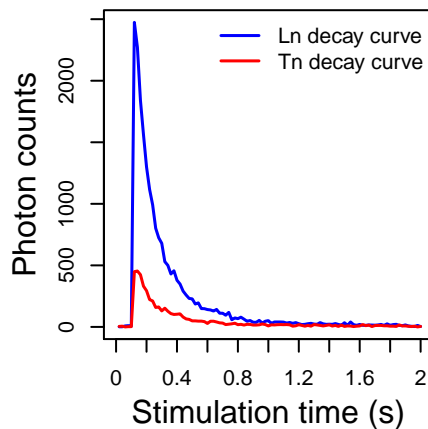
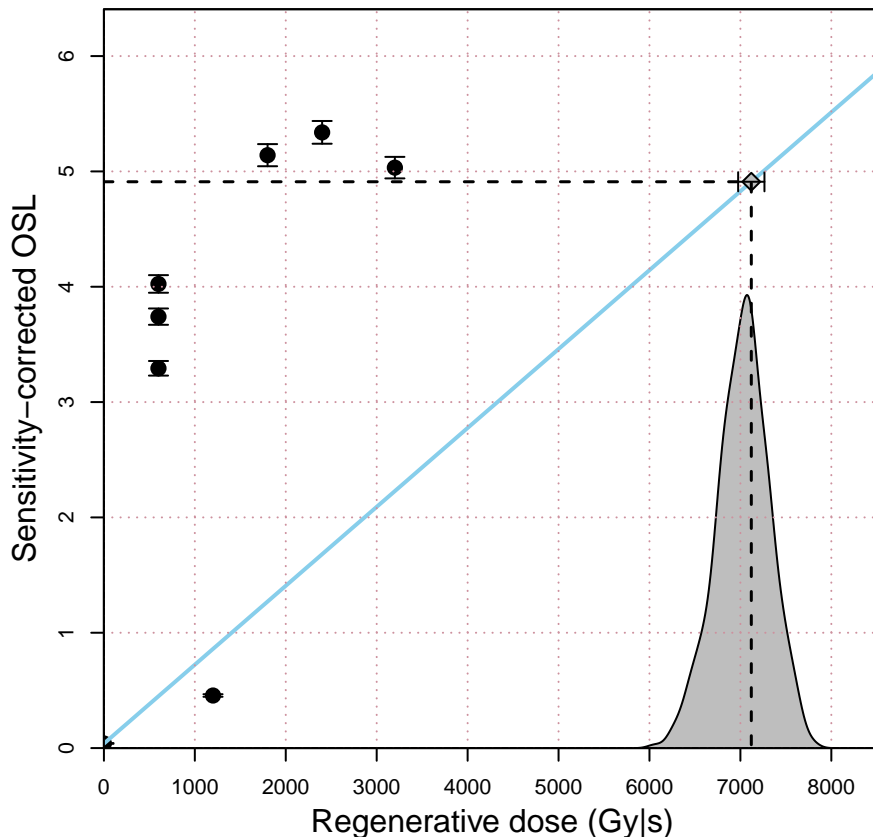
ED: 61641.06 +/- 2391.18 (Gy/s)

RSE of ED: 3.88 (%)

95% interval: [55588.92, 64778.3]

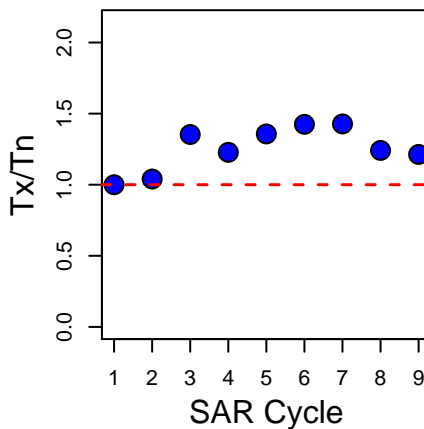
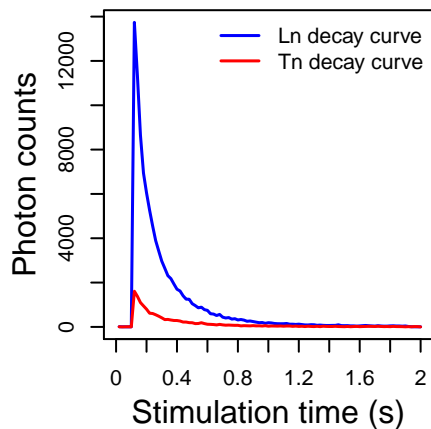
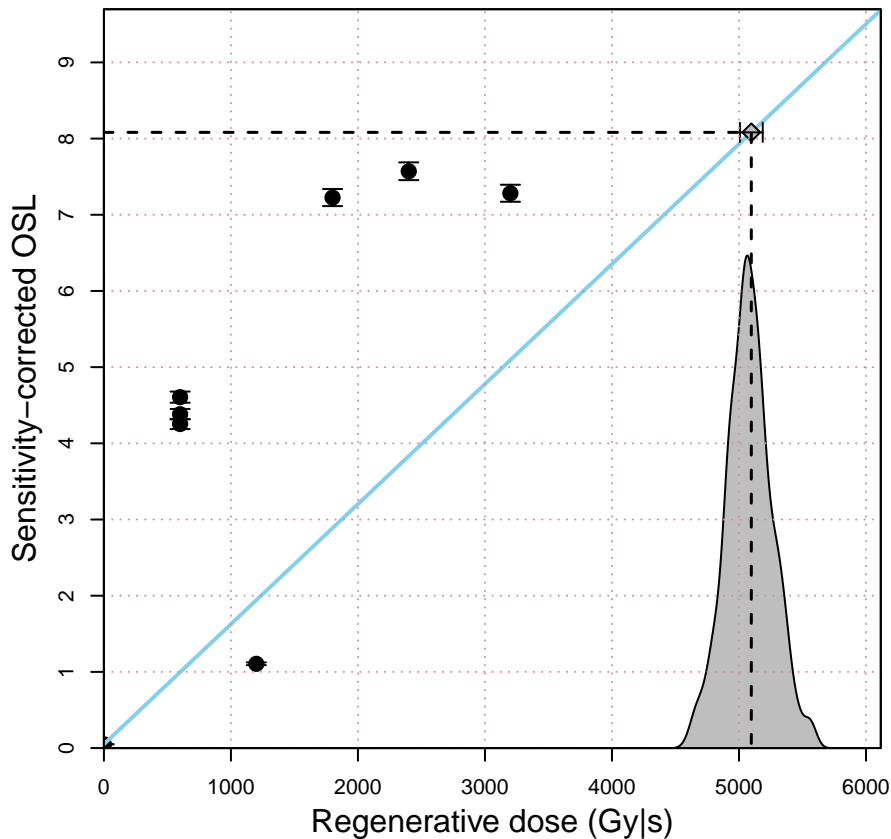
68% interval: [58286.01, 62980.5]

Summary



| |
|------------------------------------|
| ID: [NO=199, Position=3, Grain=99] |
| ===== |
| Status: OK |
| ===== |
| Tn: 1907 +/- 58.56 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 43.38 +/- 6.54 |
| RSE of Tn: 3.07 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 1.14 +/- 0.06 |
| Recycling ratio 2: 1.22 +/- 0.07 |
| Recycling ratio 3: 1.08 +/- 0.06 |
| ===== |
| Recuperation 1: 0.82 +/- 0.13 (%) |
| Recuperation 2: 0.75 +/- 0.12 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 2898.01 |
| Average error in fit: 1.03 |
| Reduced Chi-Square: 966 |
| Figure Of Merit: 275.32 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: 98.43 (%) |
| ED: 7120 +/- 289.29 (Gy/s) |
| RSE of ED: 4.06 (%) |
| 95% interval: [6430.32, 7578.62] |
| 68% interval: [6755.33, 7308.61] |

Summary



ID: [NO=200, Position=3, Grain=100]

Status: OK

Tn: 5754 \pm 138.26

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 73.84 \pm 8.36

RSE of Tn: 2.4 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.95 \pm 0.04

Recycling ratio 3: 1.03 \pm 0.05

Recuperation 1: 0.62 \pm 0.04 (%)

Recuperation 2: 0.66 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3088.94

Average error in fit: 1.07

Reduced Chi-Square: 1029.65

Figure Of Merit: 127.16 (%)

calED method: Extrapolation

MC acceptance-rate: 94.52 (%)

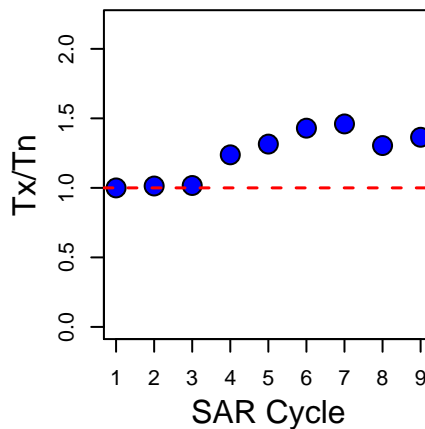
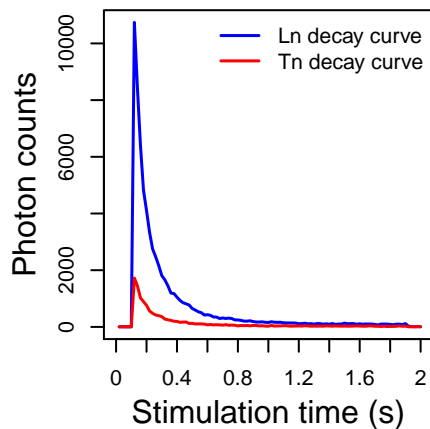
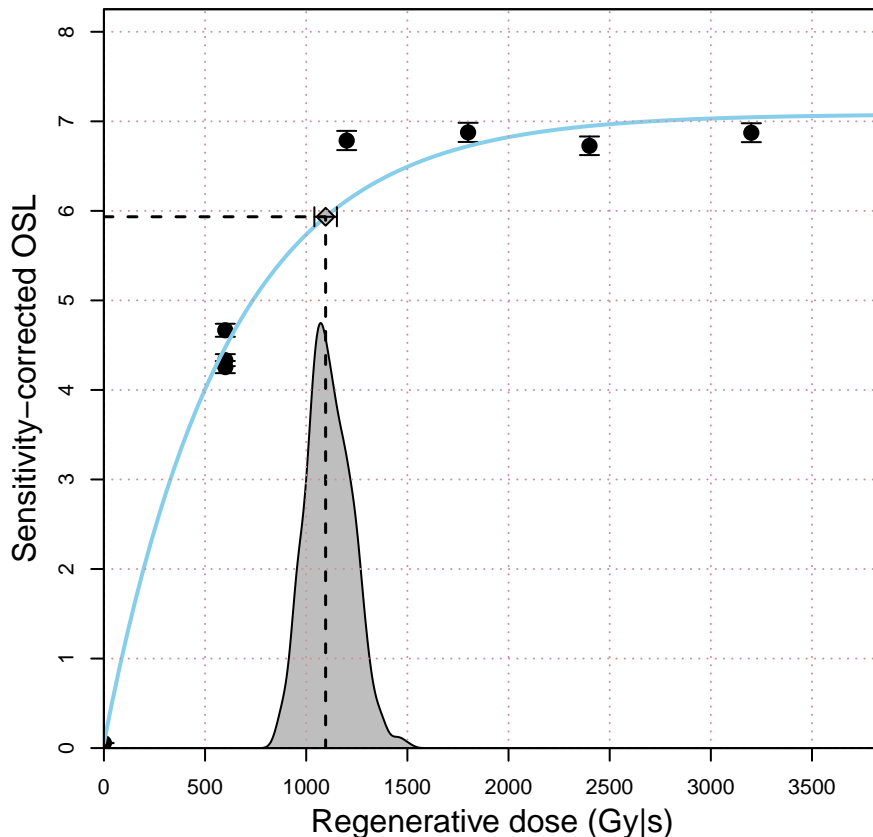
ED: 5096.93 \pm 179.44 (Gy/s)

RSE of ED: 3.52 (%)

95% interval: [4721.47, 5447.72]

68% interval: [4914.75, 5260.57]

Summary



ID: [NO=201, Position=5, Grain=1]

Status: OK

Tn: 5737 \pm 138.08

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 53.15 \pm 5.12

RSE of Tn: 2.41 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.1 \pm 0.05

Recycling ratio 2: 1.02 \pm 0.05

Recycling ratio 3: 0.93 \pm 0.04

Recuperation 1: 0.95 \pm 0.07 (%)

Recuperation 2: 0.82 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 17.57

Average error in fit: 0.1

Reduced Chi-Square: 5.86

Figure Of Merit: 4.4 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

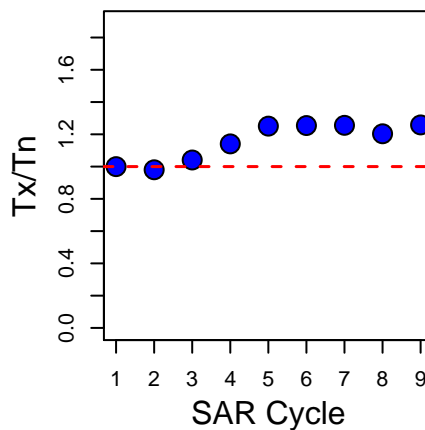
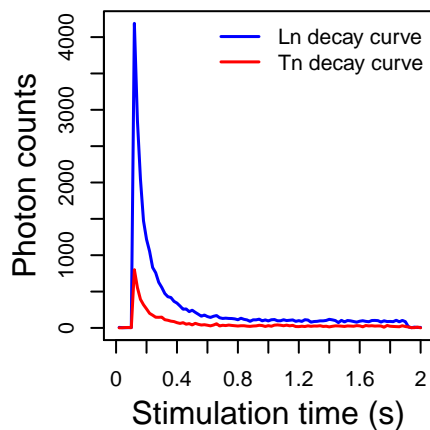
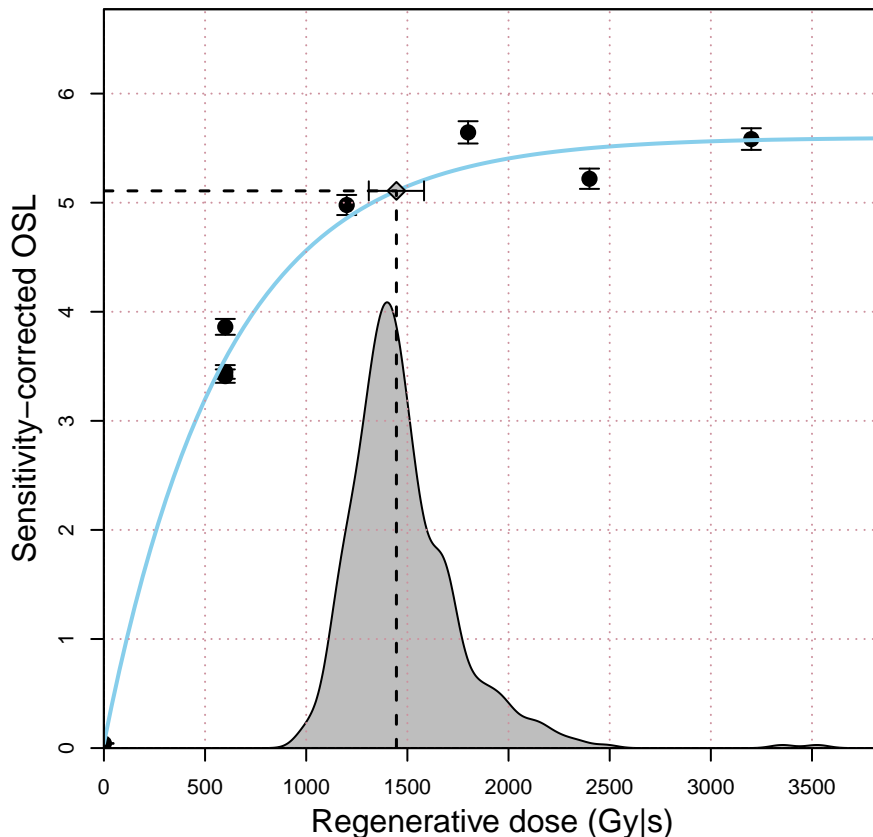
ED: 1095.92 \pm 111.38 (Gy/s)

RSE of ED: 10.16 (%)

95% interval: [922.64, 1342.98]

68% interval: [1008.42, 1231.11]

Summary



ID: [NO=202, Position=5, Grain=2]

Status: OK

Tn: 2217 \pm 65.95

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 20.97 \pm 2.04

RSE of Tn: 2.97 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.89 \pm 0.05

Recycling ratio 2: 0.88 \pm 0.05

Recycling ratio 3: 0.99 \pm 0.05

Recuperation 1: 0.83 \pm 0.12 (%)

Recuperation 2: 0.75 \pm 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.76

Average error in fit: 0.07

Reduced Chi-Square: 3.92

Figure Of Merit: 4.06 (%)

calED method: Interpolation

MC acceptance-rate: 98.81 (%)

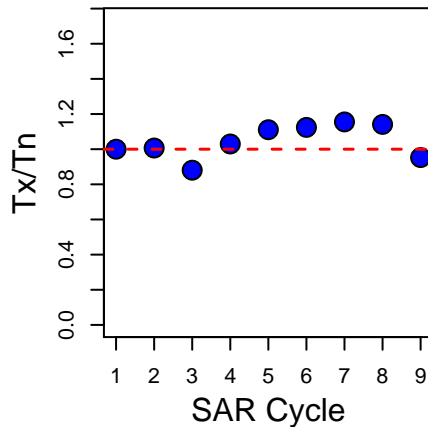
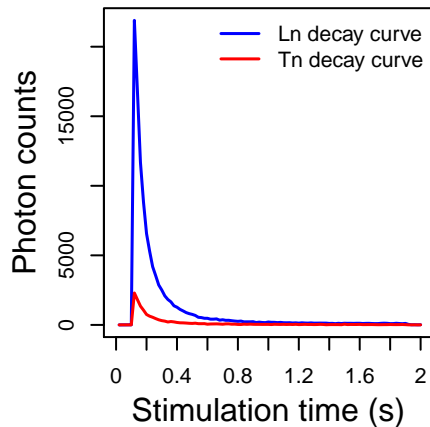
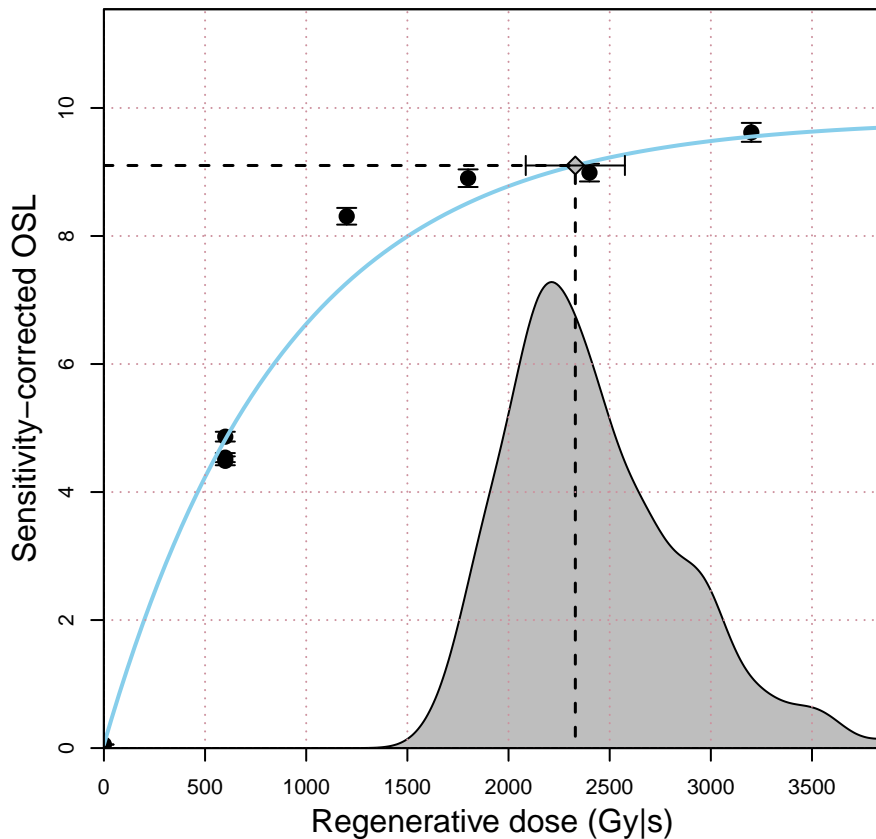
ED: 1445.89 \pm 273.16 (Gy/s)

RSE of ED: 18.89 (%)

95% interval: [1123.9, 2130.63]

68% interval: [1252.01, 1694.99]

Summary



ID: [NO=203, Position=5, Grain=3]

Status: OK

Tn: 7171 +/- 167.03

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 69.3 +/- 6.81

RSE of Tn: 2.33 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.99 +/- 0.04

Recycling ratio 2: 1.07 +/- 0.05

Recycling ratio 3: 1.08 +/- 0.05

Recuperation 1: 0.61 +/- 0.04 (%)

Recuperation 2: 0.58 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 28.42

Average error in fit: 0.15

Reduced Chi-Square: 9.47

Figure Of Merit: 4.75 (%)

calED method: Interpolation

MC acceptance-rate: 99.01 (%)

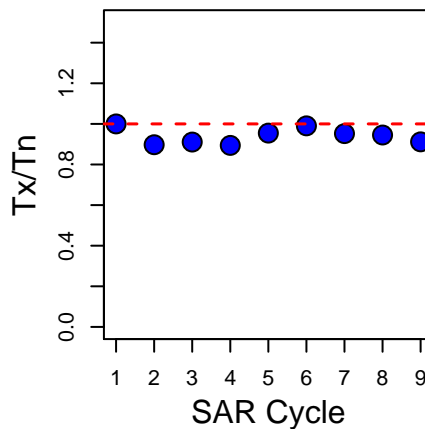
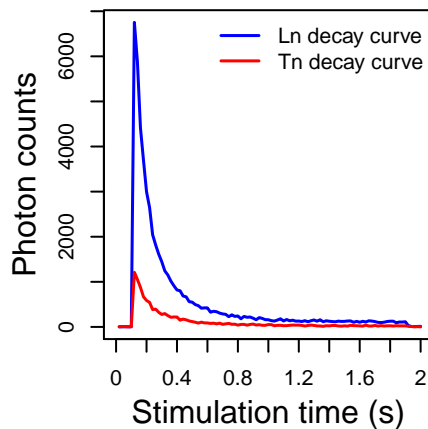
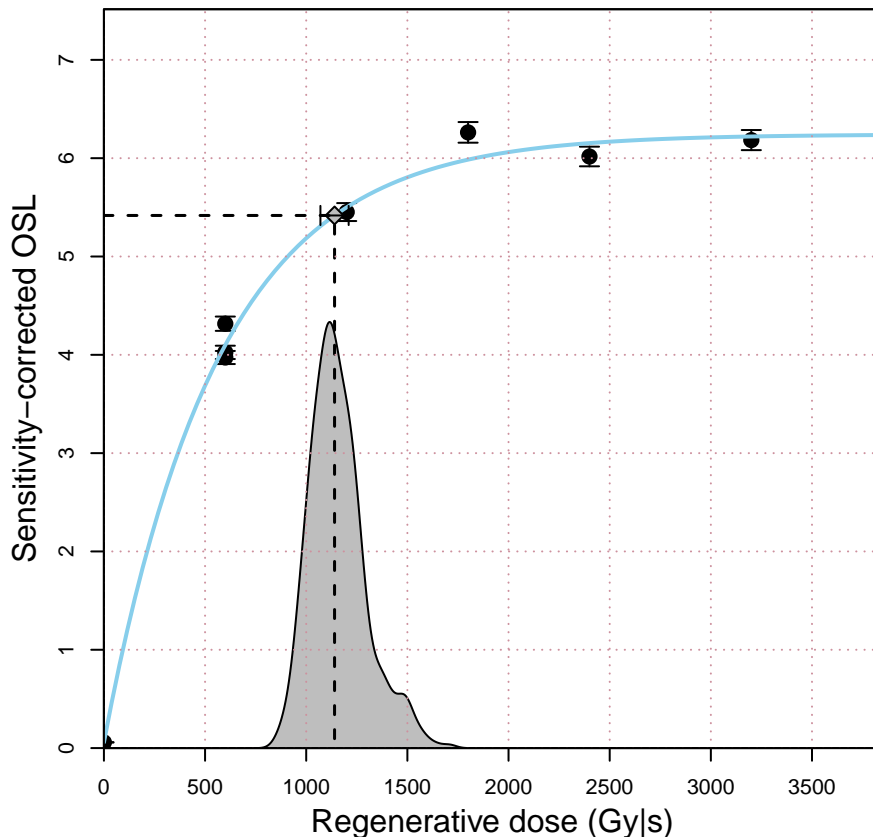
ED: 2330.18 +/- 490.11 (Gy/s)

RSE of ED: 21.03 (%)

95% interval: [1784.23, 3561.88]

68% interval: [2031.2, 2916.15]

Summary



ID: [NO=204, Position=5, Grain=4]

Status: OK

Tn: 4280.5 +/- 108.54

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 38.38 +/- 3.63

RSE of Tn: 2.54 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.93 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 1.08 +/- 0.1 (%)

Recuperation 2: 0.93 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.74

Average error in fit: 0.05

Reduced Chi-Square: 1.91

Figure Of Merit: 2.53 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

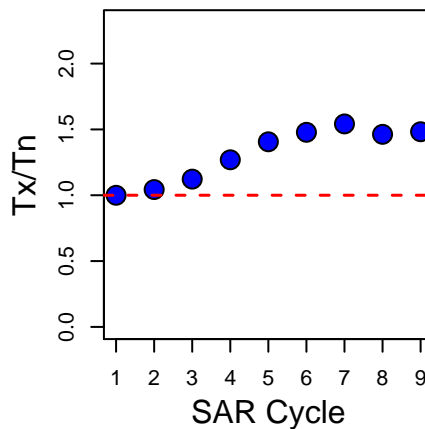
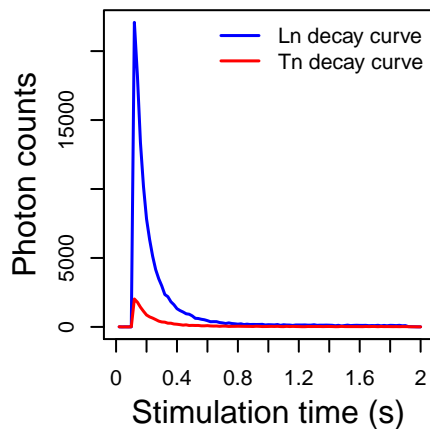
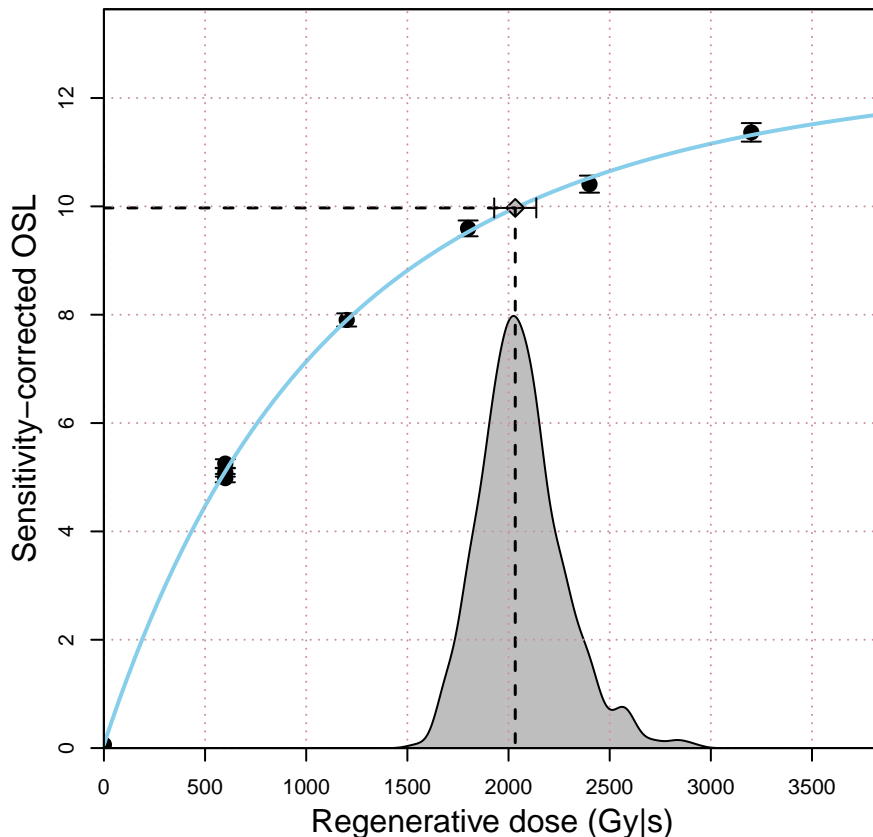
ED: 1140.03 +/- 139.63 (Gy/s)

RSE of ED: 12.25 (%)

95% interval: [936.62, 1501.48]

68% interval: [1025.18, 1276.74]

Summary



ID: [NO=205, Position=5, Grain=5]
=====

Status: OK
=====

Tn: 7136.5 +/- 166.35
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 66.17 +/- 6.37
RSE of Tn: 2.33 (%)
Fast ratio of Tn: NA +/- NA
=====

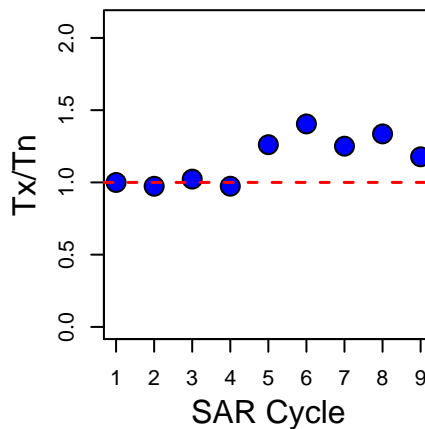
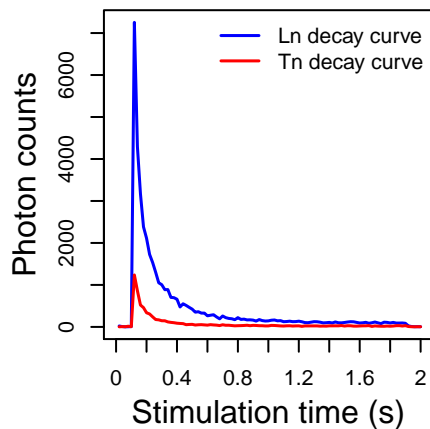
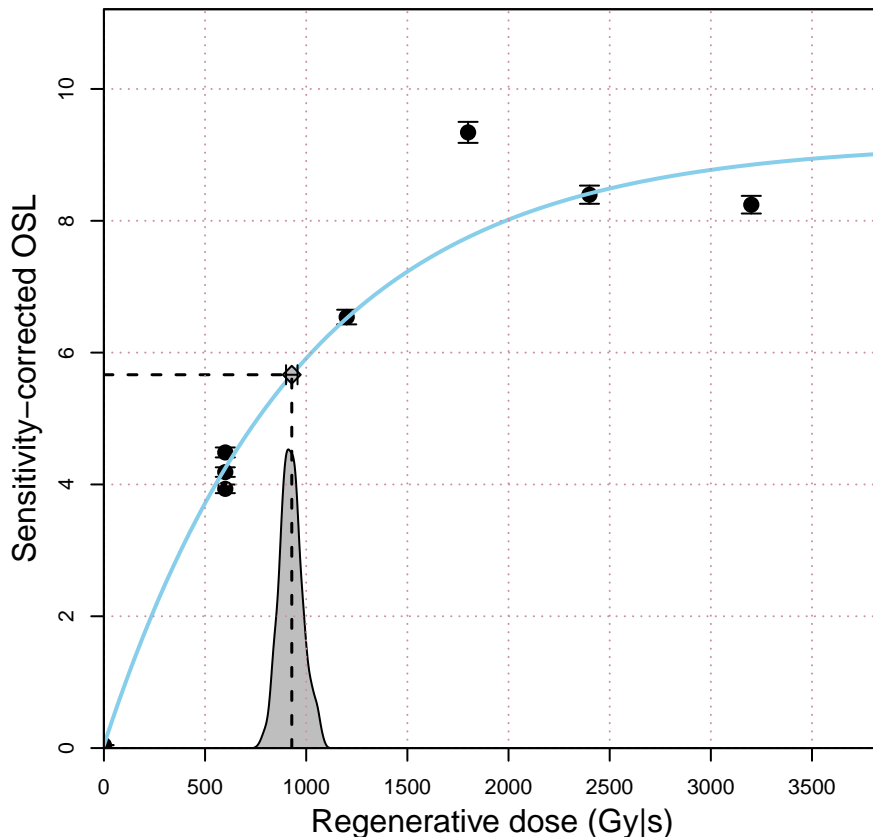
Recycling ratio 1: 1.02 +/- 0.04
Recycling ratio 2: 1.05 +/- 0.05
Recycling ratio 3: 1.03 +/- 0.04
=====

Recuperation 1: 0.64 +/- 0.04 (%)
Recuperation 2: 0.56 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 1.69
Average error in fit: 0.03
Reduced Chi-Square: 0.56
Figure Of Merit: 0.96 (%)
=====

calED method: Interpolation
MC acceptance-rate: 99.01 (%)
ED: 2033.2 +/- 207.9 (Gy/s)
RSE of ED: 10.23 (%)
95% interval: [1699.37, 2569.34]
68% interval: [1870.7, 2263.52]

Summary



ID: [NO=206, Position=5, Grain=6]

Status: OK

Tn: 3308 +/- 88.59

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 31.35 +/- 3.05

RSE of Tn: 2.68 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.05

Recycling ratio 2: 1.07 +/- 0.05

Recycling ratio 3: 1.14 +/- 0.05

Recuperation 1: 0.78 +/- 0.08 (%)

Recuperation 2: 0.48 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 38.56

Average error in fit: 0.22

Reduced Chi-Square: 12.85

Figure Of Merit: 6.42 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

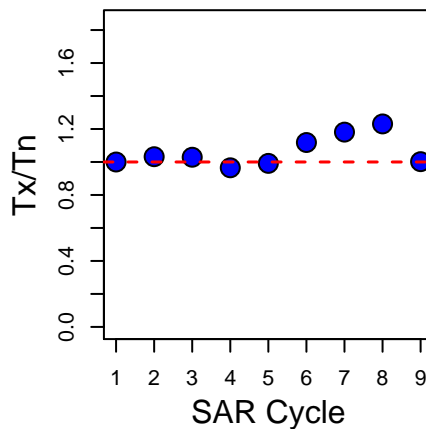
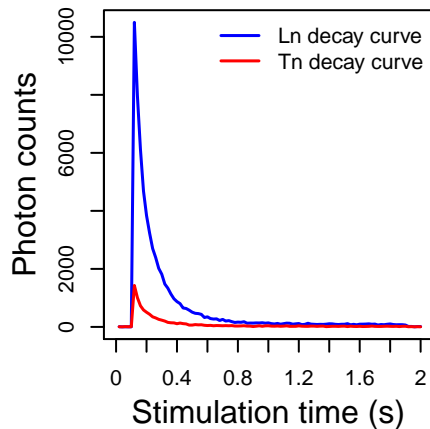
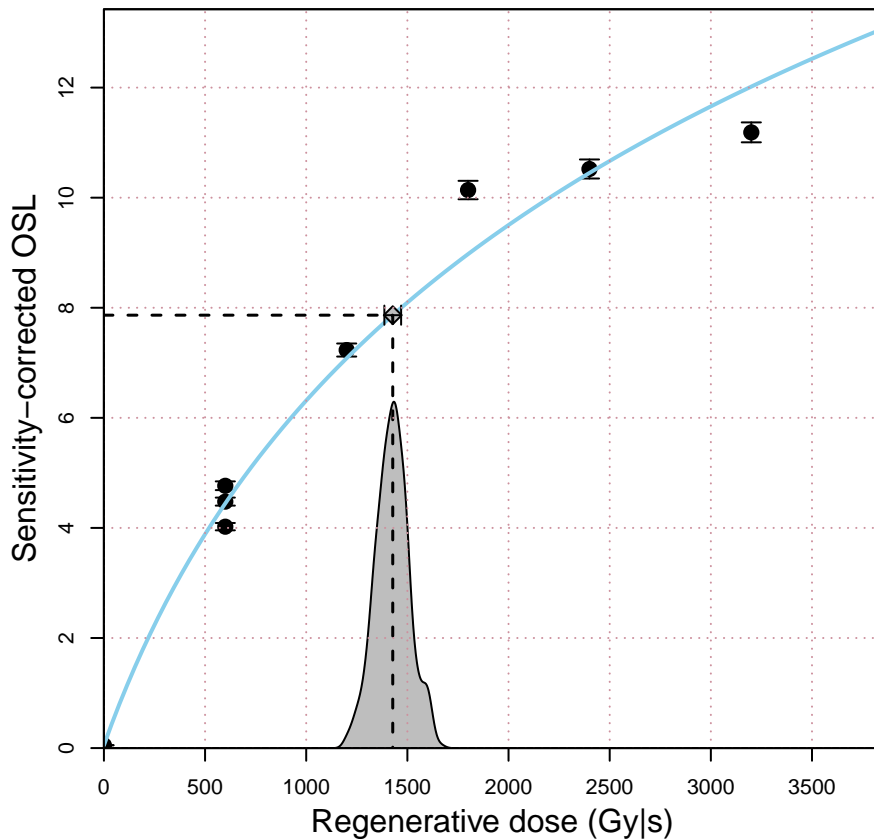
ED: 928.61 +/- 56.6 (Gy/s)

RSE of ED: 6.1 (%)

95% interval: [823.32, 1052.92]

68% interval: [871.83, 980.52]

Summary



ID: [NO=207, Position=5, Grain=7]
=====

Status: OK
=====

Tn: 4159 +/- 105.93
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 44.32 +/- 4.57
RSE of Tn: 2.55 (%)
Fast ratio of Tn: NA +/- NA
=====

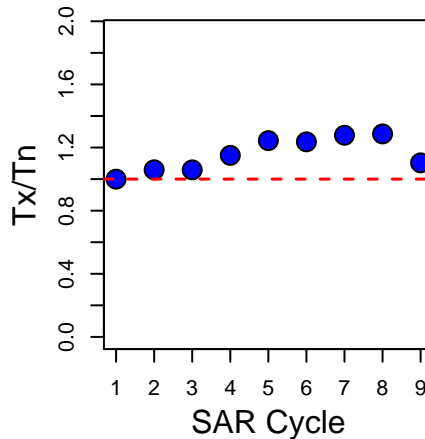
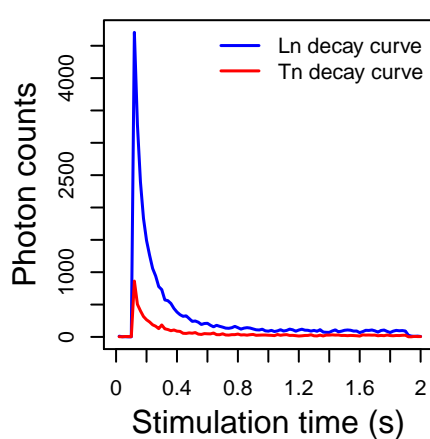
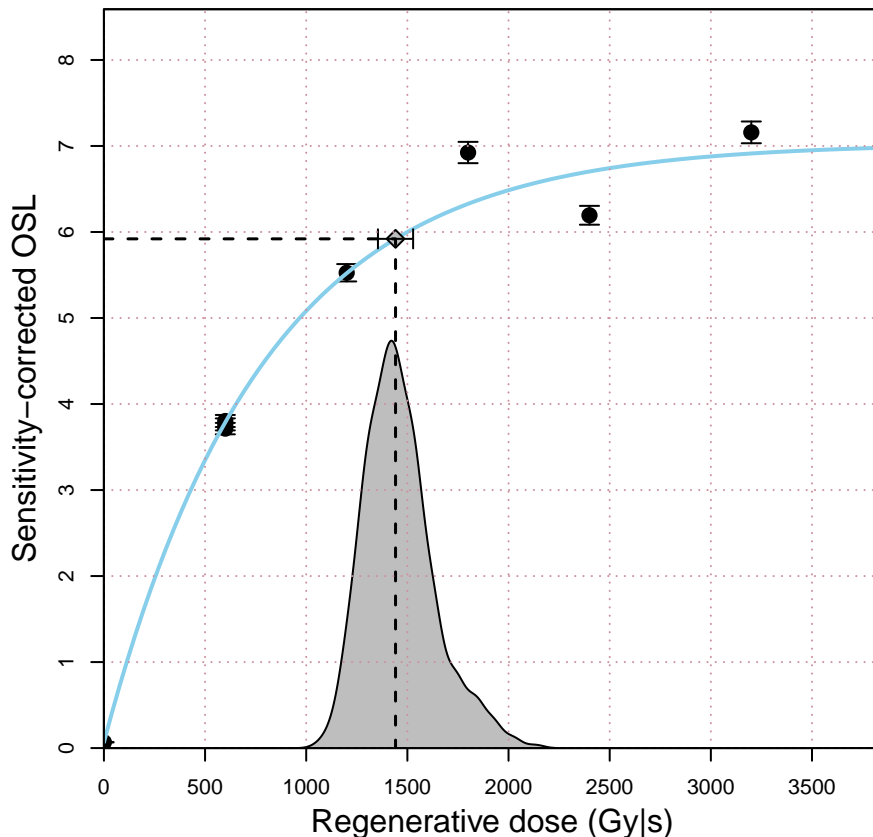
Recycling ratio 1: 1.11 +/- 0.05
Recycling ratio 2: 1.18 +/- 0.06
Recycling ratio 3: 1.06 +/- 0.05
=====

Recuperation 1: 0.66 +/- 0.06 (%)
Recuperation 2: 0.46 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 31.99
Average error in fit: 0.19
Reduced Chi-Square: 10.66
Figure Of Merit: 5.76 (%)
=====

calED method: Interpolation
MC acceptance-rate: 93.11 (%)
ED: 1427.69 +/- 82.72 (Gy/s)
RSE of ED: 5.79 (%)
95% interval: [1256.2, 1601.79]
68% interval: [1342.49, 1500.4]

Summary



ID: [NO=208, Position=5, Grain=8]

Status: OK

Tn: 2239 +/- 66.41

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.17 +/- 2.06

RSE of Tn: 2.97 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.99 +/- 0.05

Recycling ratio 2: 1.01 +/- 0.05

Recycling ratio 3: 1.02 +/- 0.05

Recuperation 1: 1.15 +/- 0.12 (%)

Recuperation 2: 0.95 +/- 0.1 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.5

Average error in fit: 0.1

Reduced Chi-Square: 4.17

Figure Of Merit: 3.98 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

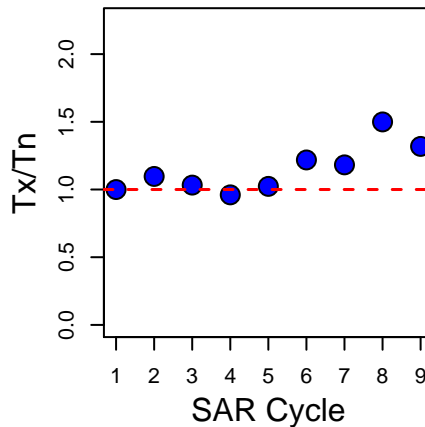
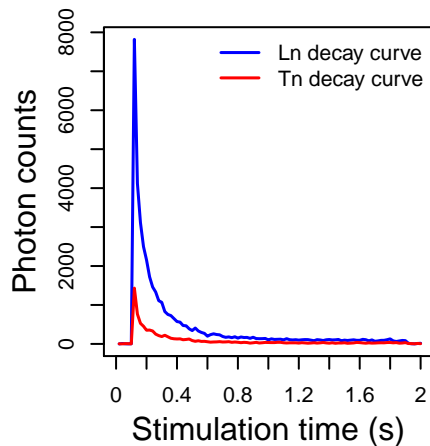
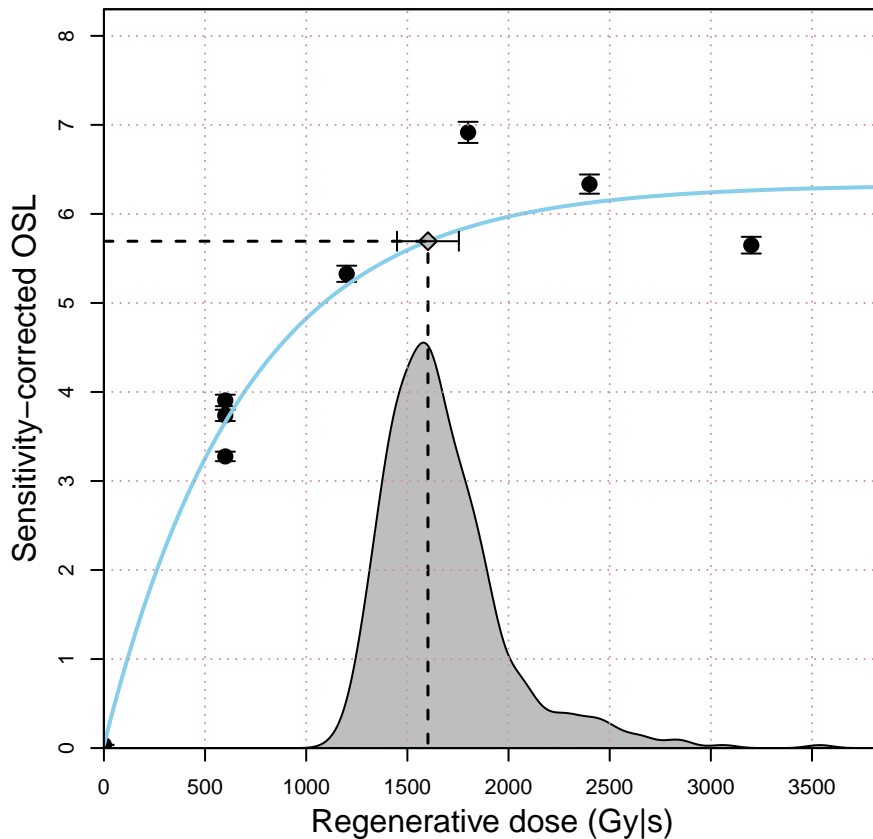
ED: 1441.45 +/- 173.77 (Gy/s)

RSE of ED: 12.06 (%)

95% interval: [1192.38, 1866.36]

68% interval: [1297.78, 1617.63]

Summary



ID: [NO=209, Position=5, Grain=9]

Status: OK

Tn: 3384 \pm 90.46

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.18 \pm 2.04

RSE of Tn: 2.67 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.88 \pm 0.04

Recycling ratio 2: 1.04 \pm 0.05

Recycling ratio 3: 1.19 \pm 0.06

Recuperation 1: 0.63 \pm 0.08 (%)

Recuperation 2: 0.52 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 49.28

Average error in fit: 0.17

Reduced Chi-Square: 16.43

Figure Of Merit: 7.89 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

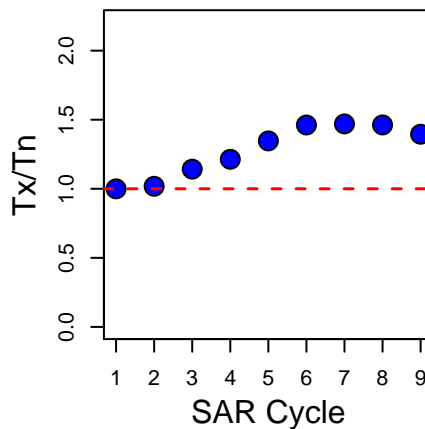
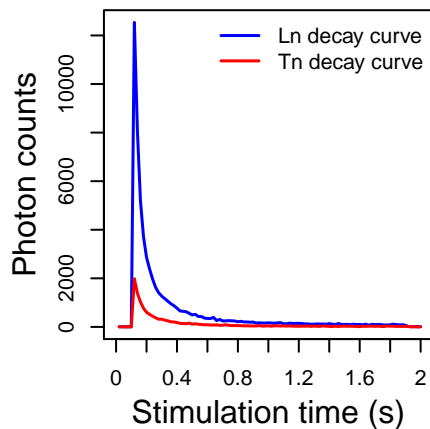
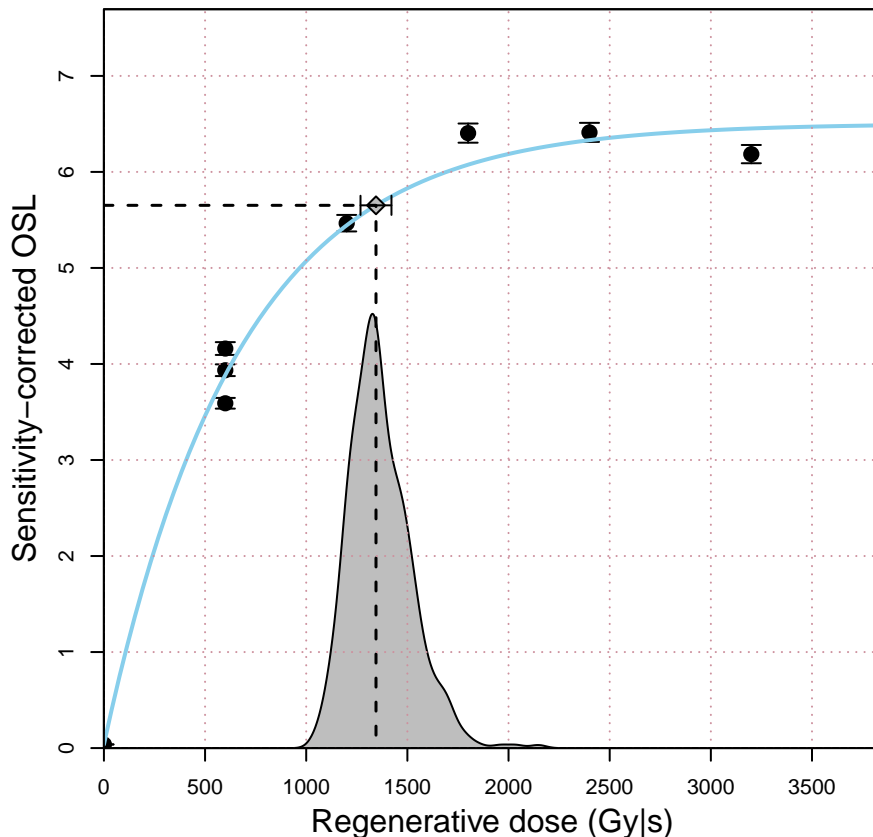
ED: 1601.67 \pm 305.72 (Gy/s)

RSE of ED: 19.09 (%)

95% interval: [1279.16, 2476.49]

68% interval: [1420.13, 1903.51]

Summary



ID: [NO=210, Position=5, Grain=10]

Status: OK

Tn: 5650 +/- 136.41

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 46.2 +/- 4.18

RSE of Tn: 2.41 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.86 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1.1 +/- 0.05

Recuperation 1: 0.67 +/- 0.05 (%)

Recuperation 2: 0.59 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 16.33

Average error in fit: 0.07

Reduced Chi-Square: 5.44

Figure Of Merit: 3.66 (%)

calED method: Interpolation

MC acceptance-rate: 99.21 (%)

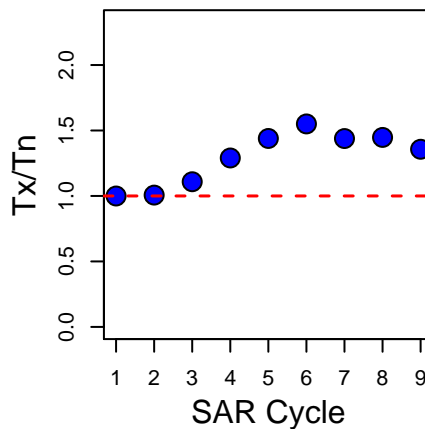
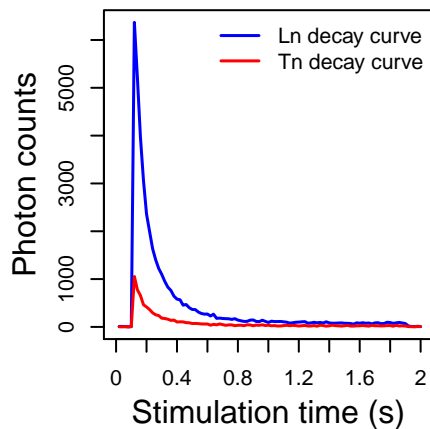
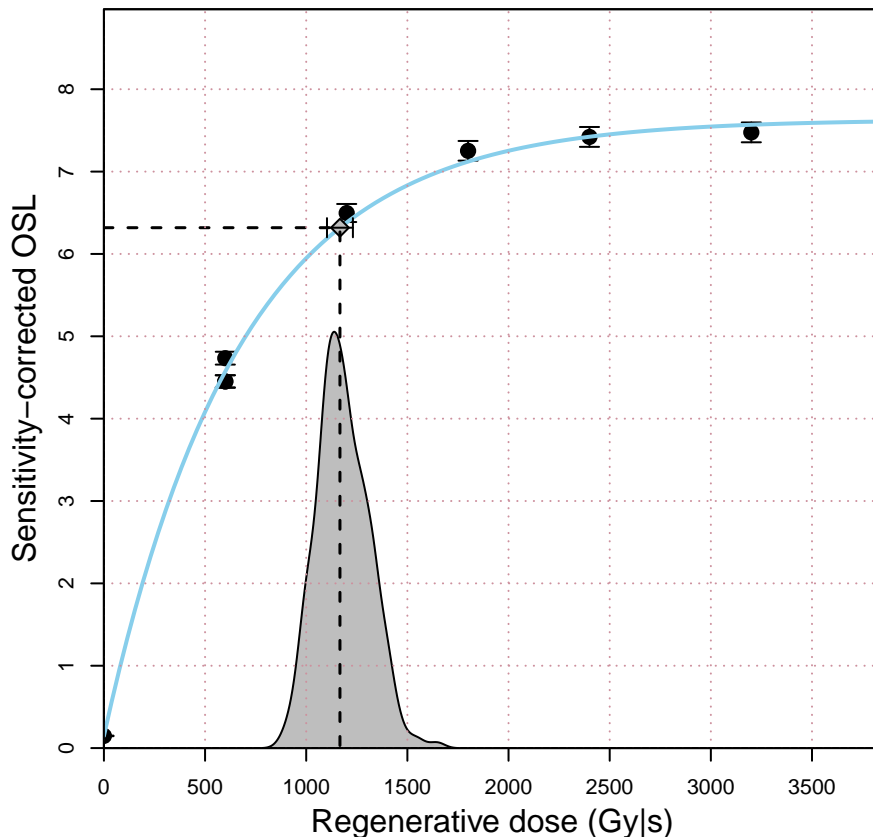
ED: 1344.84 +/- 153.12 (Gy/s)

RSE of ED: 11.39 (%)

95% interval: [1124, 1703.45]

68% interval: [1223.77, 1507.32]

Summary



ID: [NO=211, Position=5, Grain=11]

Status: OK

Tn: 3251 +/- 87.47

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.27 +/- 2.78

RSE of Tn: 2.69 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1 +/- 0.05

Recycling ratio 2: 1.06 +/- 0.05

Recycling ratio 3: 1.06 +/- 0.05

Recuperation 1: 2.34 +/- 0.15 (%)

Recuperation 2: 1.98 +/- 0.12 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.1

Average error in fit: 0.04

Reduced Chi-Square: 1.03

Figure Of Merit: 1.76 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

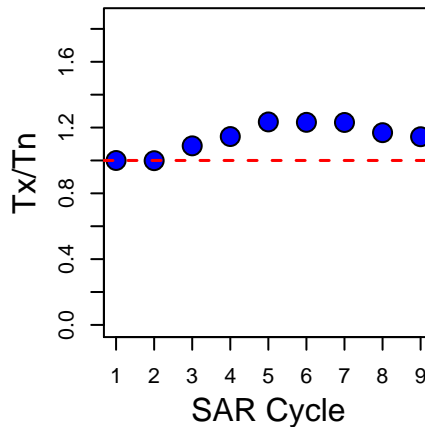
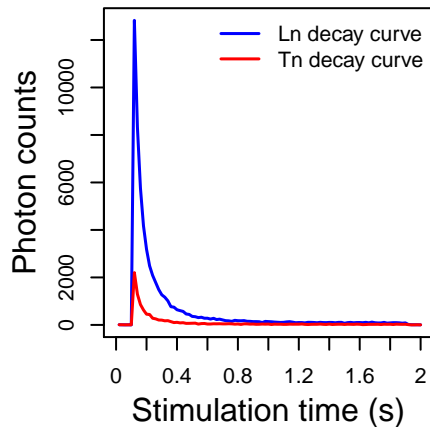
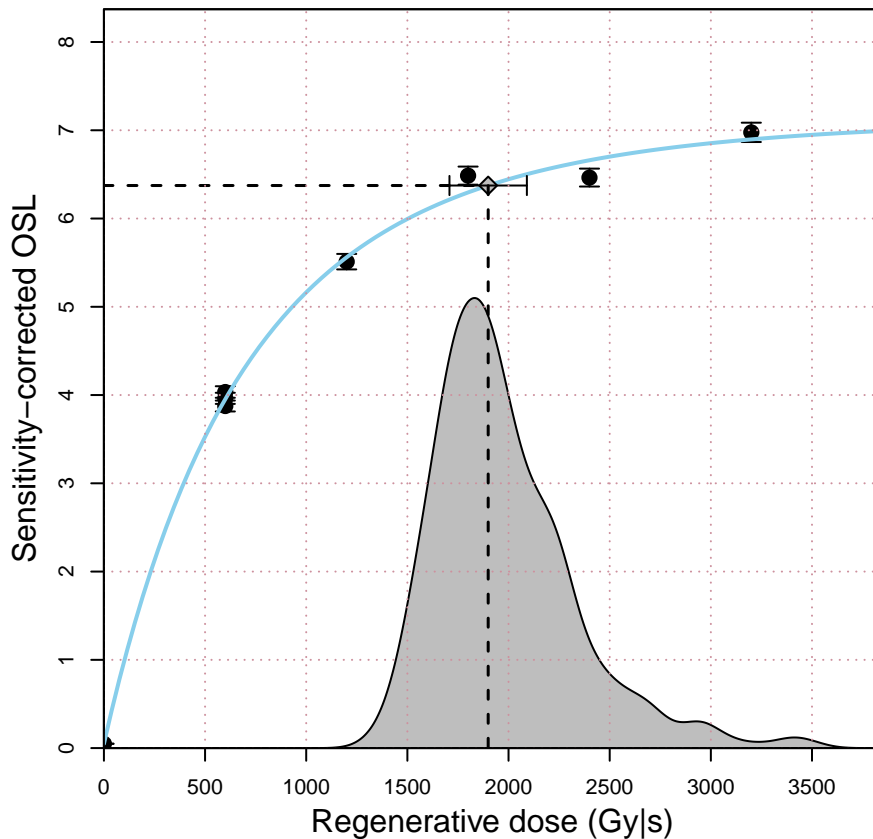
ED: 1166.7 +/- 128.08 (Gy/s)

RSE of ED: 10.98 (%)

95% interval: [960.8, 1435.5]

68% interval: [1063.65, 1319.14]

Summary



ID: [NO=212, Position=5, Grain=12]

Status: OK

Tn: 5309 +/- 129.5

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 43.47 +/- 3.93

RSE of Tn: 2.44 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.98 +/- 0.04

Recycling ratio 2: 0.96 +/- 0.04

Recycling ratio 3: 0.98 +/- 0.04

Recuperation 1: 0.77 +/- 0.06 (%)

Recuperation 2: 0.71 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2.8

Average error in fit: 0.04

Reduced Chi-Square: 0.93

Figure Of Merit: 1.83 (%)

calED method: Interpolation

MC acceptance-rate: 98.81 (%)

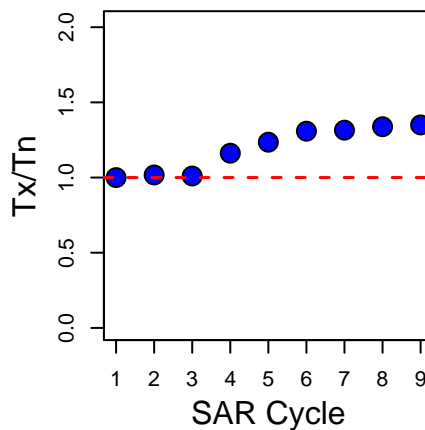
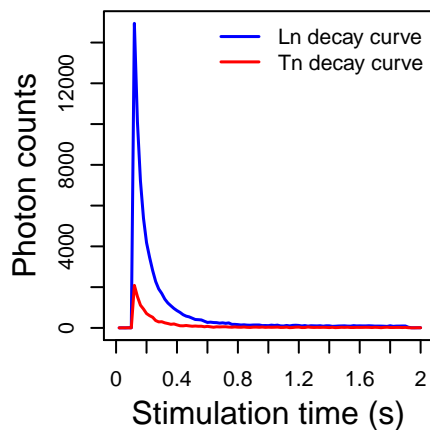
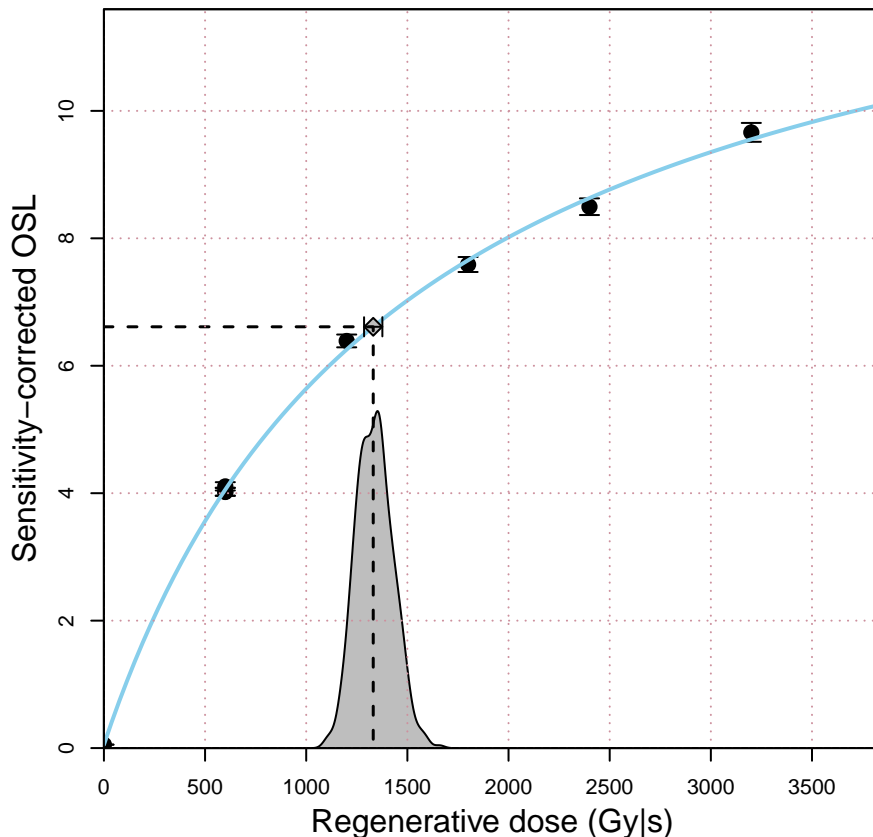
ED: 1899.36 +/- 382.6 (Gy/s)

RSE of ED: 20.14 (%)

95% interval: [1488.35, 2955.38]

68% interval: [1677.5, 2275.04]

Summary



ID: [NO=213, Position=5, Grain=13]
=====

Status: OK
=====

Tn: 6261 +/- 148.69
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 56.9 +/- 5.42
RSE of Tn: 2.37 (%)
Fast ratio of Tn: NA +/- NA
=====

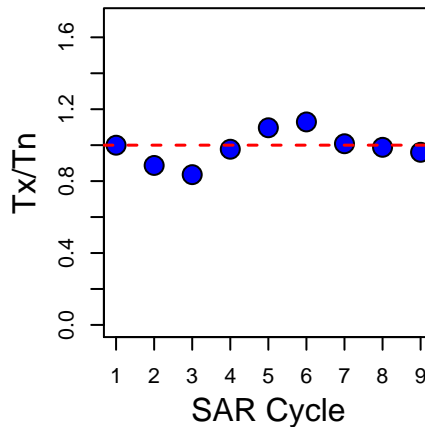
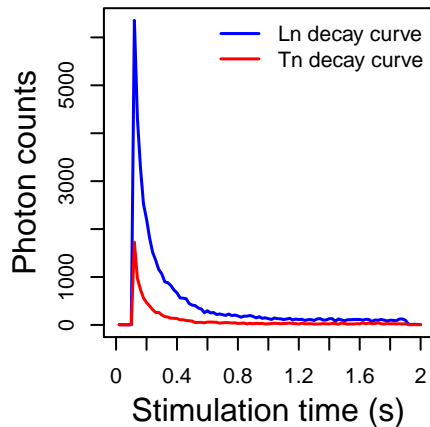
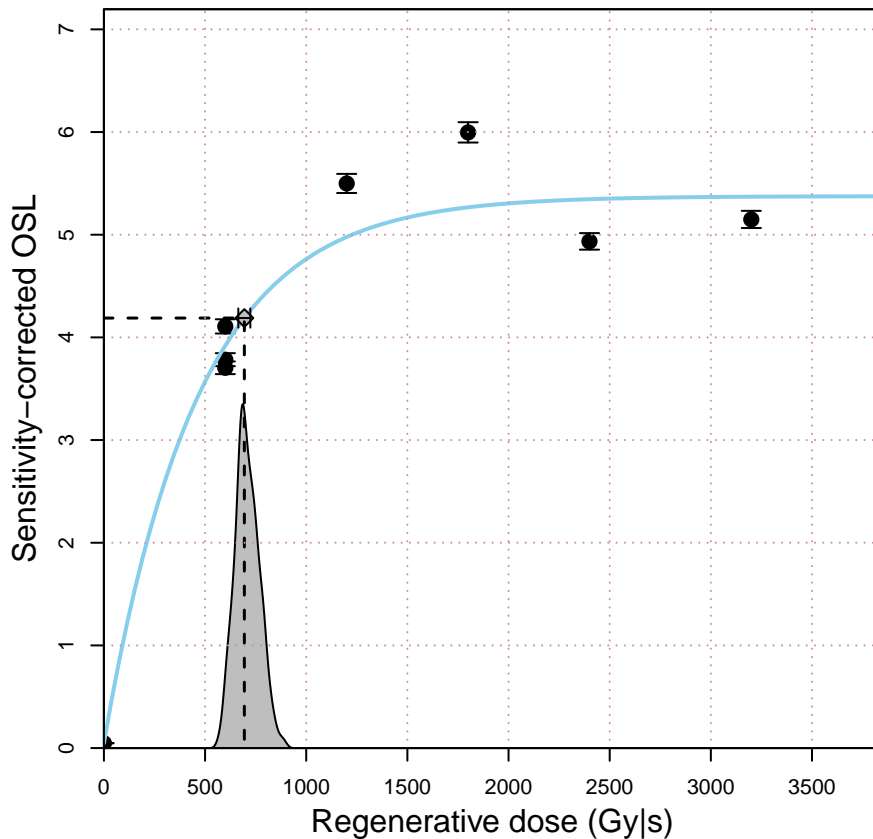
Recycling ratio 1: 0.98 +/- 0.04
Recycling ratio 2: 0.98 +/- 0.04
Recycling ratio 3: 1 +/- 0.04
=====

Recuperation 1: 0.82 +/- 0.06 (%)
Recuperation 2: 0.56 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 1.25
Average error in fit: 0.03
Reduced Chi-Square: 0.42
Figure Of Merit: 1.28 (%)
=====

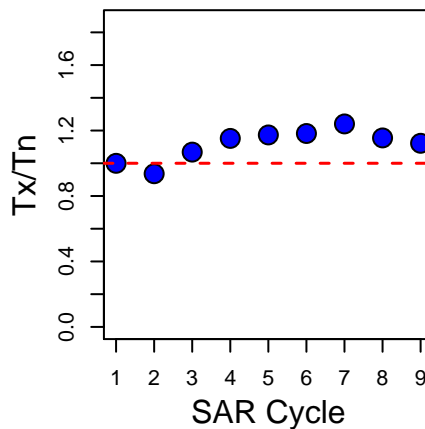
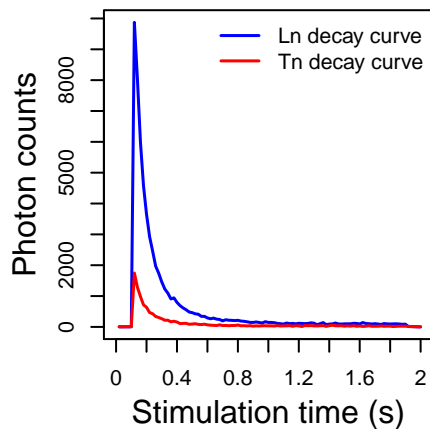
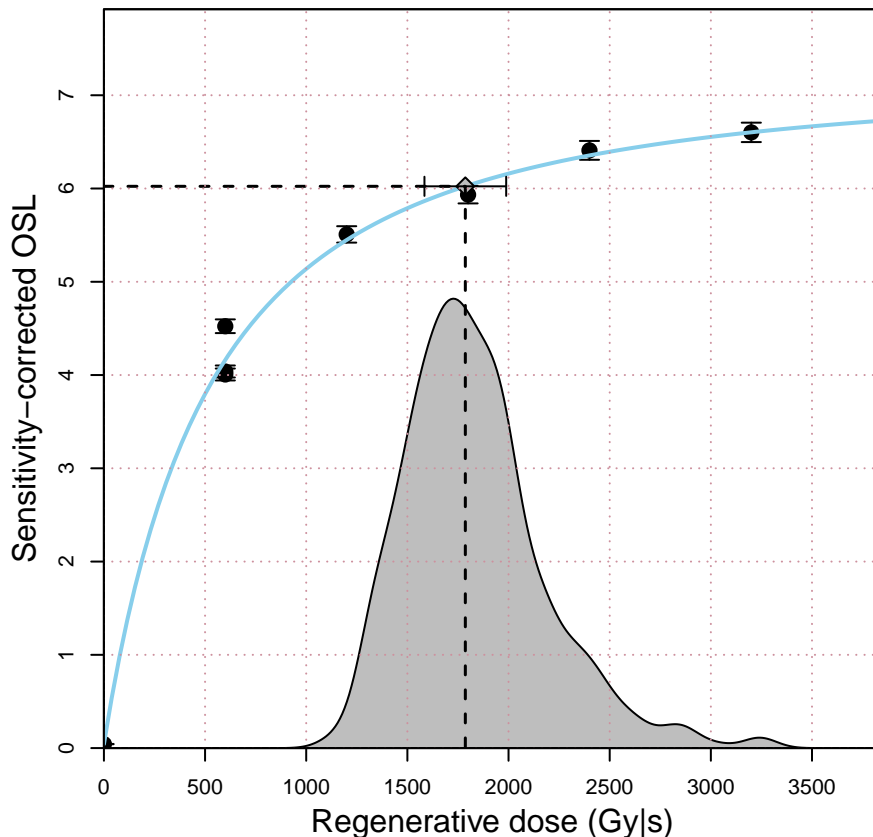
calED method: Interpolation
MC acceptance-rate: 89.13 (%)
ED: 1331.16 +/- 90.46 (Gy/s)
RSE of ED: 6.8 (%)
95% interval: [1174.15, 1517.28]
68% interval: [1249.47, 1430.33]

Summary



| |
|------------------------------------|
| ID: [NO=214, Position=5, Grain=14] |
| ===== |
| Status: OK |
| ===== |
| Tn: 4339.5 +/- 109.82 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 35.58 +/- 3.22 |
| RSE of Tn: 2.53 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.9 +/- 0.04 |
| Recycling ratio 2: 0.92 +/- 0.04 |
| Recycling ratio 3: 1.02 +/- 0.05 |
| ===== |
| Recuperation 1: 1.14 +/- 0.11 (%) |
| Recuperation 2: 0.79 +/- 0.07 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 35.8 |
| Average error in fit: 0.13 |
| Reduced Chi-Square: 11.93 |
| Figure Of Merit: 7.4 (%) |
| ===== |
| calED method: Interpolation |
| MC acceptance-rate: 99.4 (%) |
| ED: 694.09 +/- 59.52 (Gy/s) |
| RSE of ED: 8.57 (%) |
| 95% interval: [602.96, 830.17] |
| 68% interval: [650.05, 771.01] |

Summary



ID: [NO=216, Position=5, Grain=16]

Status: OK

Tn: 5256.5 +/- 128.36

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 48.14 +/- 4.61

RSE of Tn: 2.44 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.89 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 0.71 +/- 0.06 (%)

Recuperation 2: 0.65 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 8.91

Average error in fit: 0.05

Reduced Chi-Square: 2.97

Figure Of Merit: 2.32 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

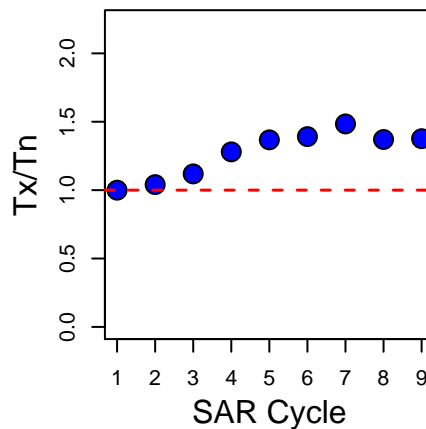
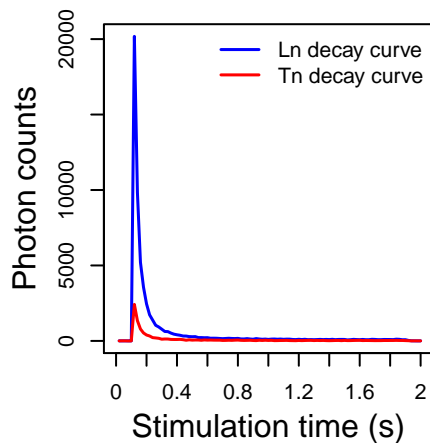
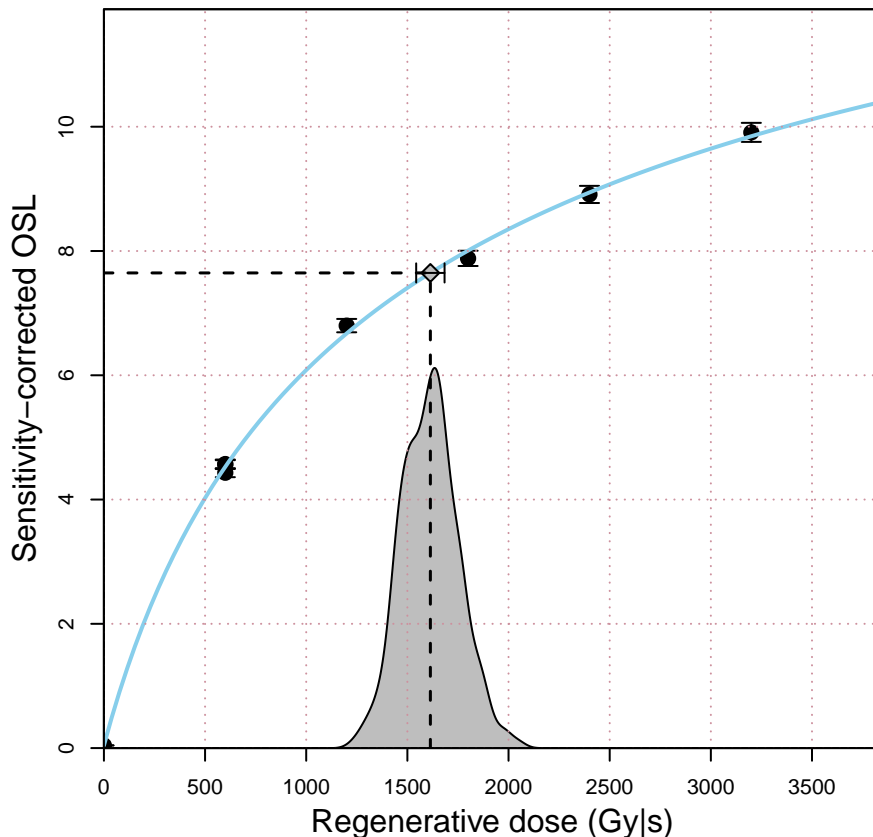
ED: 1786.4 +/- 403.95 (Gy/s)

RSE of ED: 22.61 (%)

95% interval: [1317.28, 2693.58]

68% interval: [1512.76, 2144.61]

Summary



ID: [NO=219, Position=5, Grain=19]

Status: OK

Tn: 5334 \pm 130.07

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 40.51 \pm 3.53

RSE of Tn: 2.44 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.03 \pm 0.05

Recycling ratio 2: 1.03 \pm 0.05

Recycling ratio 3: 1 \pm 0.04

Recuperation 1: 0.56 \pm 0.04 (%)

Recuperation 2: 0.44 \pm 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1.27

Average error in fit: 0.03

Reduced Chi-Square: 0.42

Figure Of Merit: 1.1 (%)

calED method: Interpolation

MC acceptance-rate: 94.16 (%)

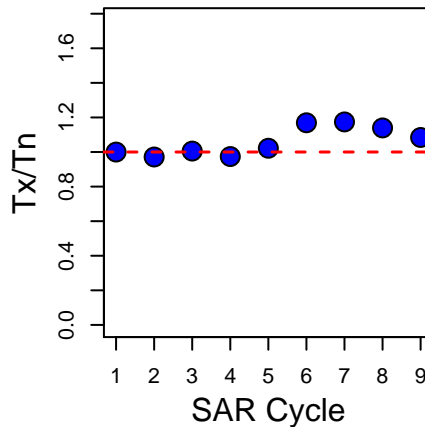
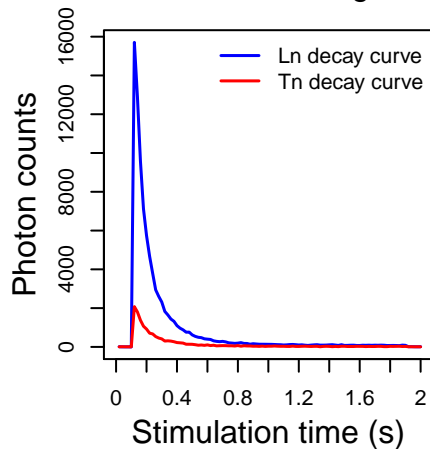
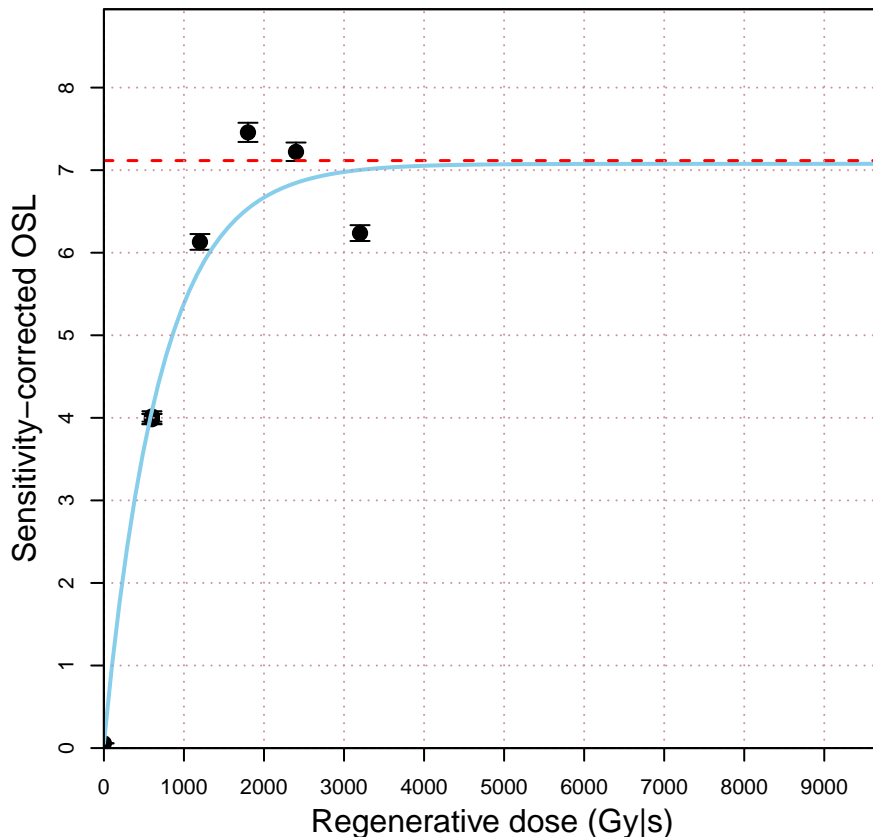
ED: 1613.64 \pm 140.16 (Gy/s)

RSE of ED: 8.69 (%)

95% interval: [1349.8, 1892.43]

68% interval: [1468.21, 1755.27]

Summary



ID: [NO=220, Position=5, Grain=20]

Status: Ln/Tn saturated

Tn: 7117.5 \pm 166.04

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 57.26 \pm 5.14

RSE of Tn: 2.33 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.99 \pm 0.04

Recycling ratio 2: 0.99 \pm 0.04

Recycling ratio 3: 1 \pm 0.04

Recuperation 1: 0.81 \pm 0.06 (%)

Recuperation 2: 0.77 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 39.15

Average error in fit: 0.16

Reduced Chi-Square: 13.05

Figure Of Merit: 6.92 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

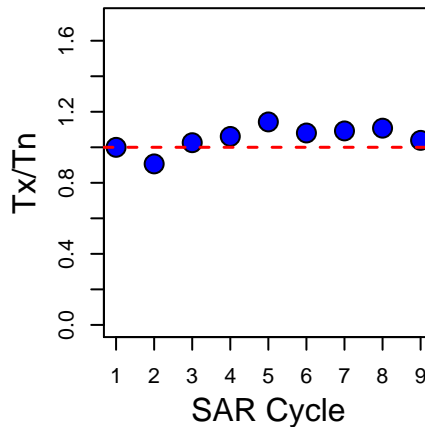
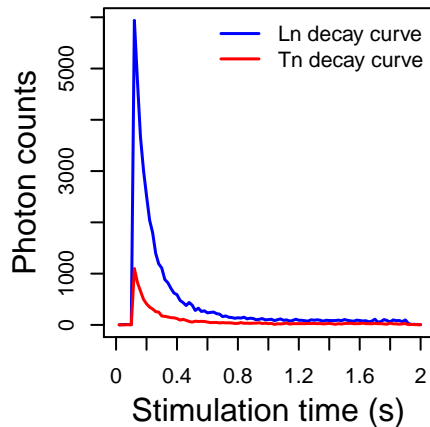
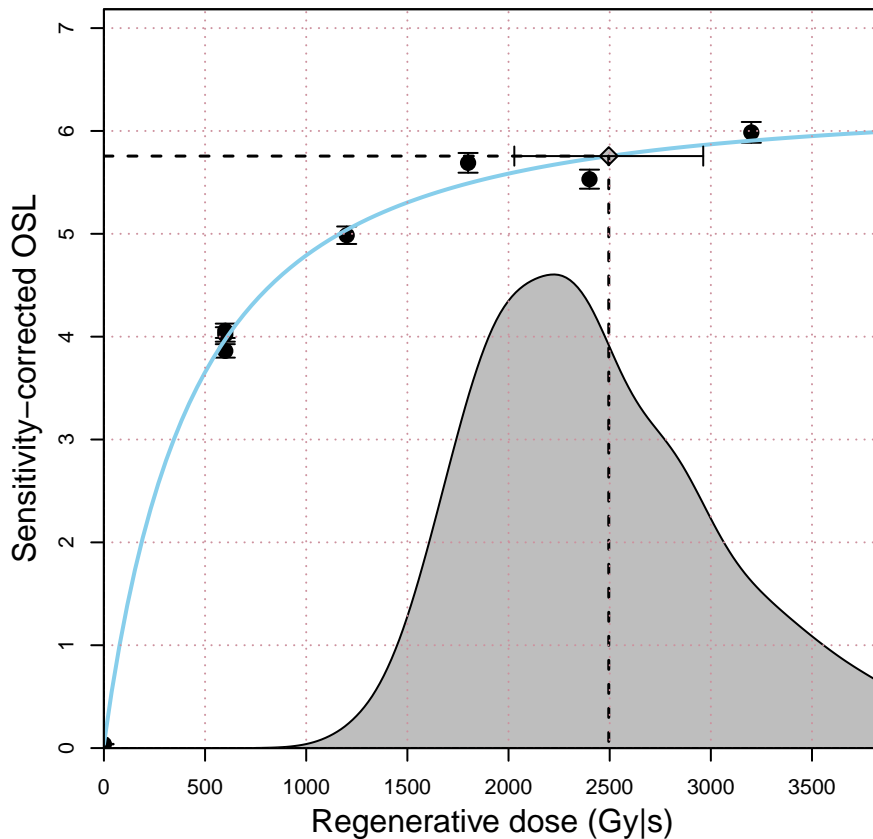
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=221, Position=5, Grain=21]

Status: OK

Tn: 3391.5 +/- 90.31

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.26 +/- 3.14

RSE of Tn: 2.66 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.05

Recycling ratio 2: 1.01 +/- 0.05

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.67 +/- 0.09 (%)

Recuperation 2: 0.64 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.67

Average error in fit: 0.04

Reduced Chi-Square: 1.22

Figure Of Merit: 2.26 (%)

calED method: Interpolation

MC acceptance-rate: 85.32 (%)

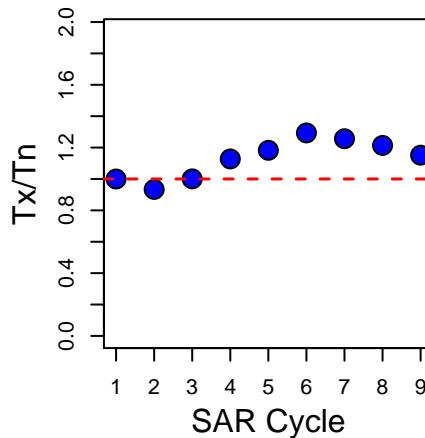
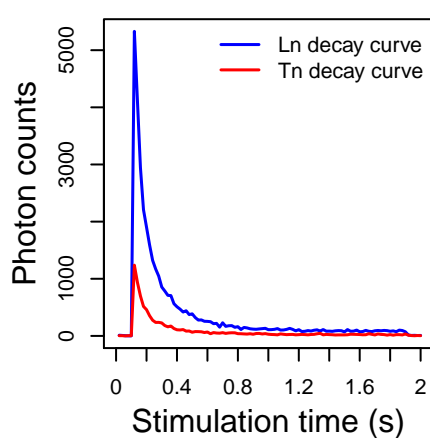
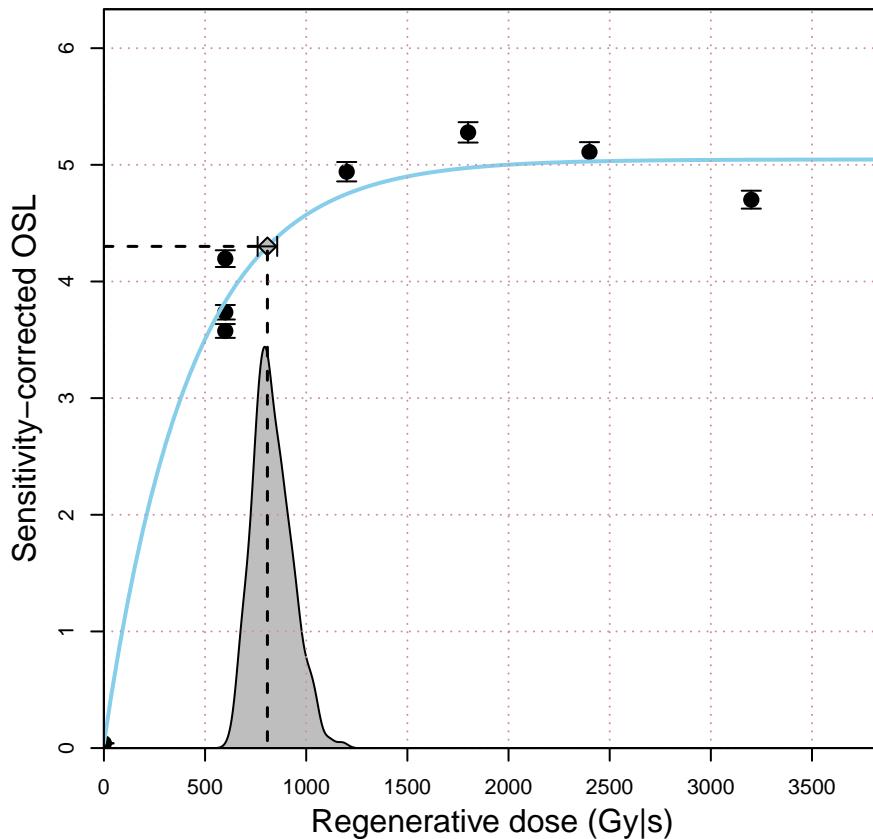
ED: 2495.45 +/- 933.71 (Gy/s)

RSE of ED: 37.42 (%)

95% interval: [1565.39, 5148.26]

68% interval: [1892.19, 3259.29]

Summary



ID: [NO=222, Position=5, Grain=22]

Status: OK

Tn: 3734.5 +/- 97.39

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 33.62 +/- 3.19

RSE of Tn: 2.61 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.85 +/- 0.04

Recycling ratio 2: 0.89 +/- 0.04

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 0.95 +/- 0.09 (%)

Recuperation 2: 0.78 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 21.23

Average error in fit: 0.08

Reduced Chi-Square: 7.08

Figure Of Merit: 5.21 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

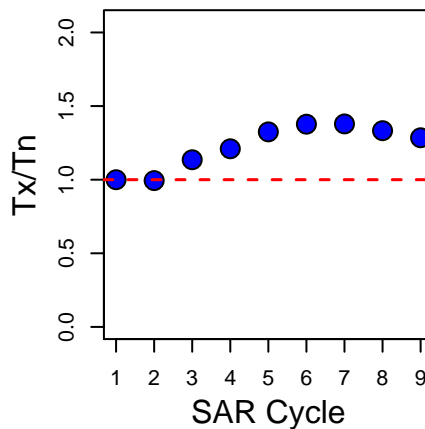
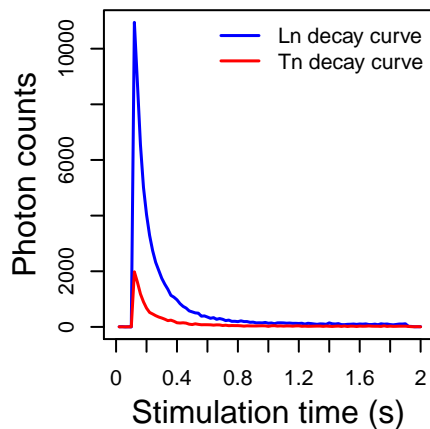
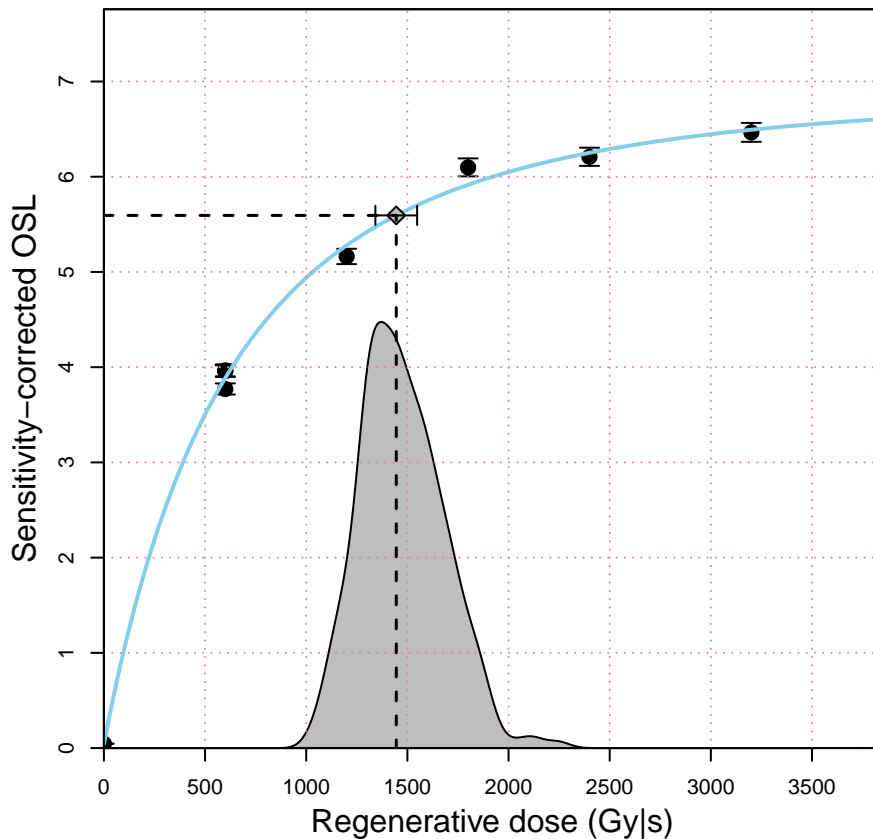
ED: 808.2 +/- 96.77 (Gy/s)

RSE of ED: 11.97 (%)

95% interval: [674.5, 1045.6]

68% interval: [739.79, 932.06]

Summary



ID: [NO=223, Position=5, Grain=23]
=====

Status: OK
=====

Tn: 6225.5 +/- 148.02
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 52.24 +/- 4.78
RSE of Tn: 2.38 (%)
Fast ratio of Tn: NA +/- NA
=====

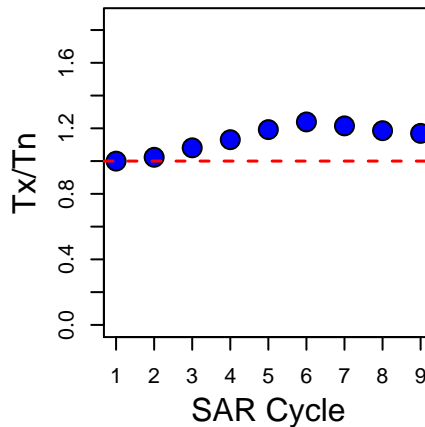
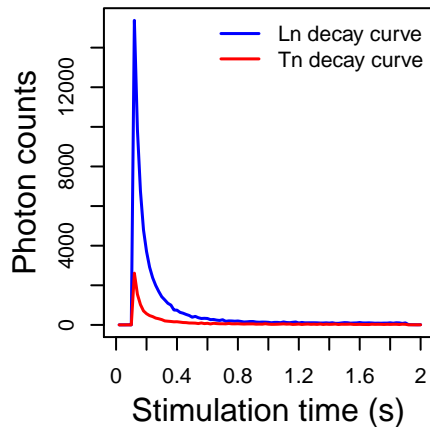
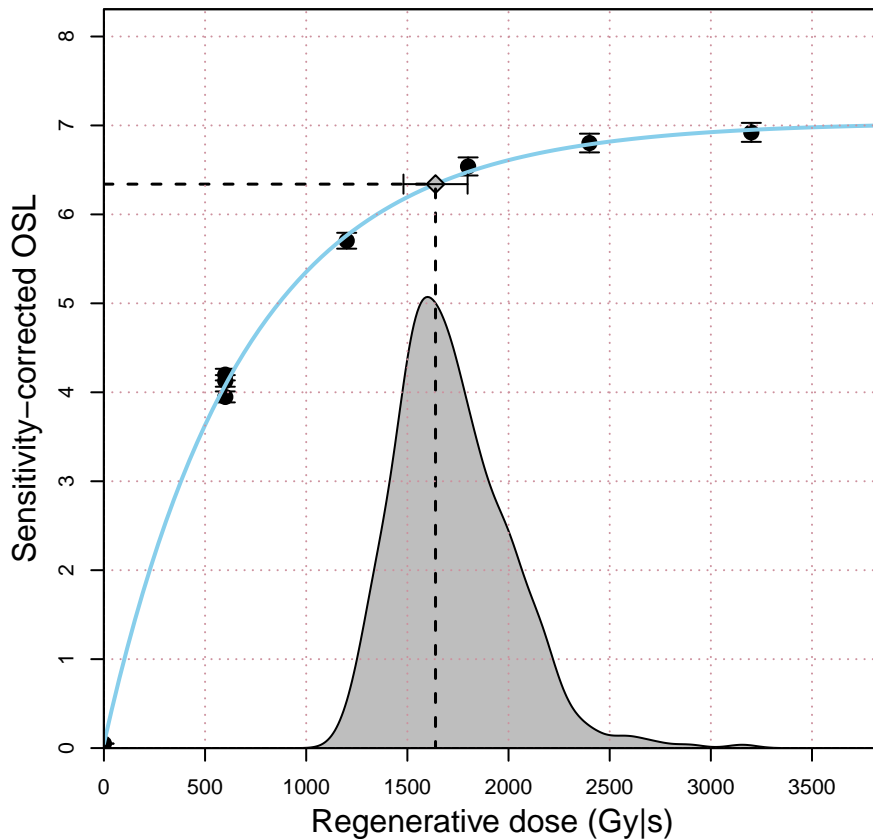
Recycling ratio 1: 0.95 +/- 0.04
Recycling ratio 2: 1 +/- 0.04
Recycling ratio 3: 1.05 +/- 0.05
=====

Recuperation 1: 0.82 +/- 0.06 (%)
Recuperation 2: 0.71 +/- 0.05 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3.26
Average error in fit: 0.03
Reduced Chi-Square: 1.09
Figure Of Merit: 1.78 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1445.03 +/- 206.46 (Gy/s)
RSE of ED: 14.29 (%)
95% interval: [1128.82, 1890.12]
68% interval: [1284.99, 1692.6]

Summary



ID: [NO=224, Position=5, Grain=24]

Status: OK

Tn: 6315 \pm 149.94

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 45.16 \pm 3.82

RSE of Tn: 2.37 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.02 \pm 0.05

Recycling ratio 2: 0.96 \pm 0.04

Recycling ratio 3: 0.94 \pm 0.04

Recuperation 1: 0.79 \pm 0.06 (%)

Recuperation 2: 0.73 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2.32

Average error in fit: 0.03

Reduced Chi-Square: 0.77

Figure Of Merit: 1.2 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

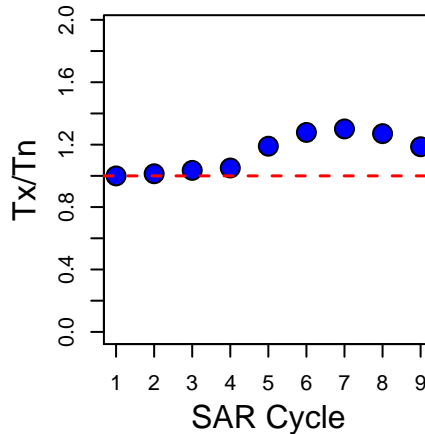
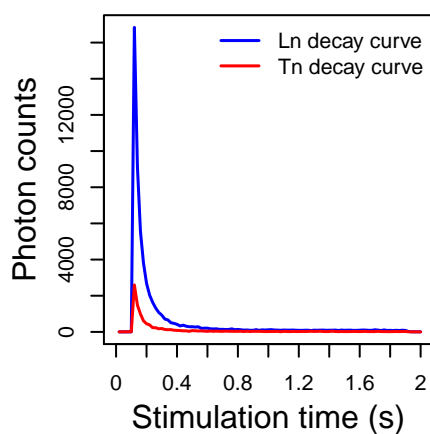
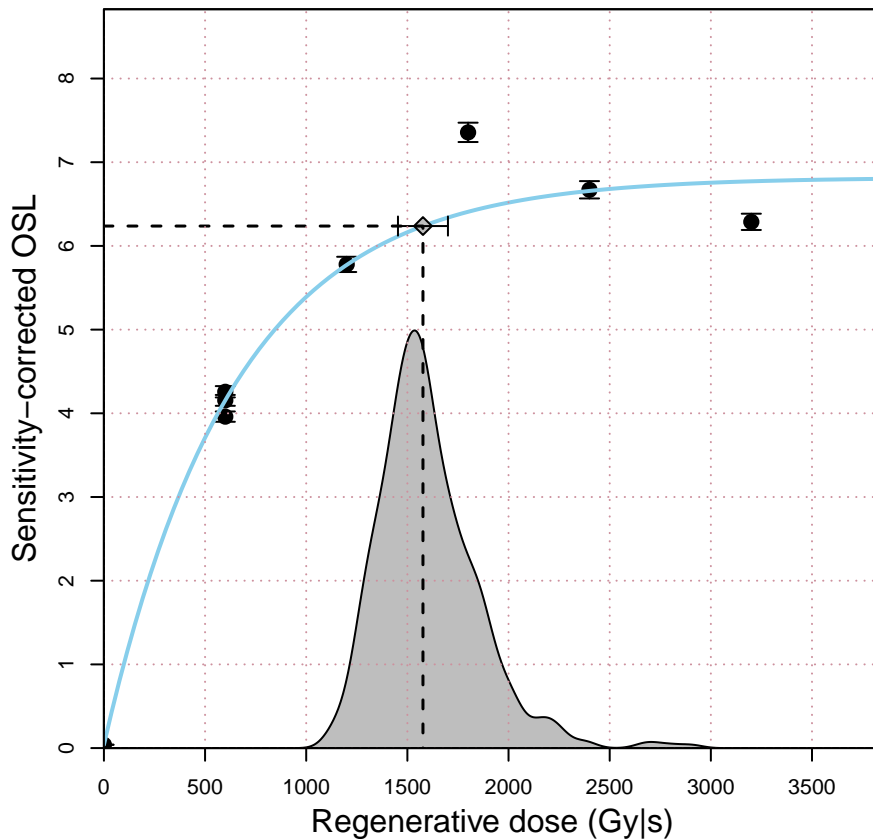
ED: 1639.15 \pm 317.01 (Gy/s)

RSE of ED: 19.34 (%)

95% interval: [1298.79, 2333.81]

68% interval: [1469.76, 2002.1]

Summary



ID: [NO=226, Position=5, Grain=26]
=====

Status: OK
=====

Tn: 6029 +/- 143.96
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 58.97 +/- 5.83
RSE of Tn: 2.39 (%)
Fast ratio of Tn: NA +/- NA
=====

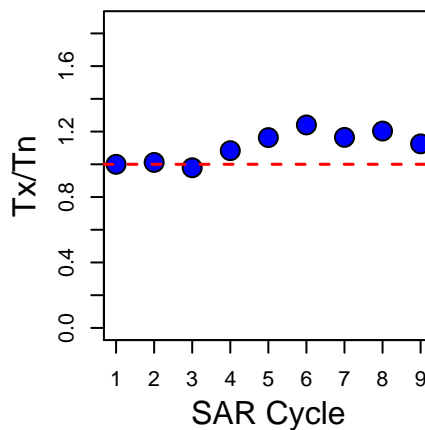
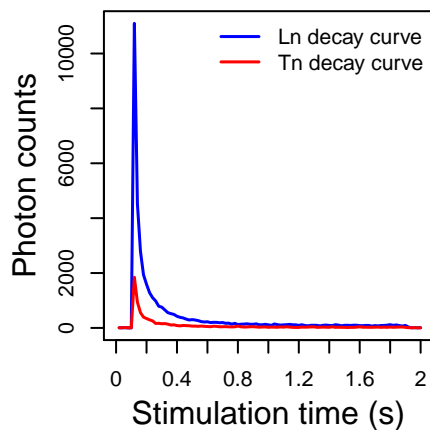
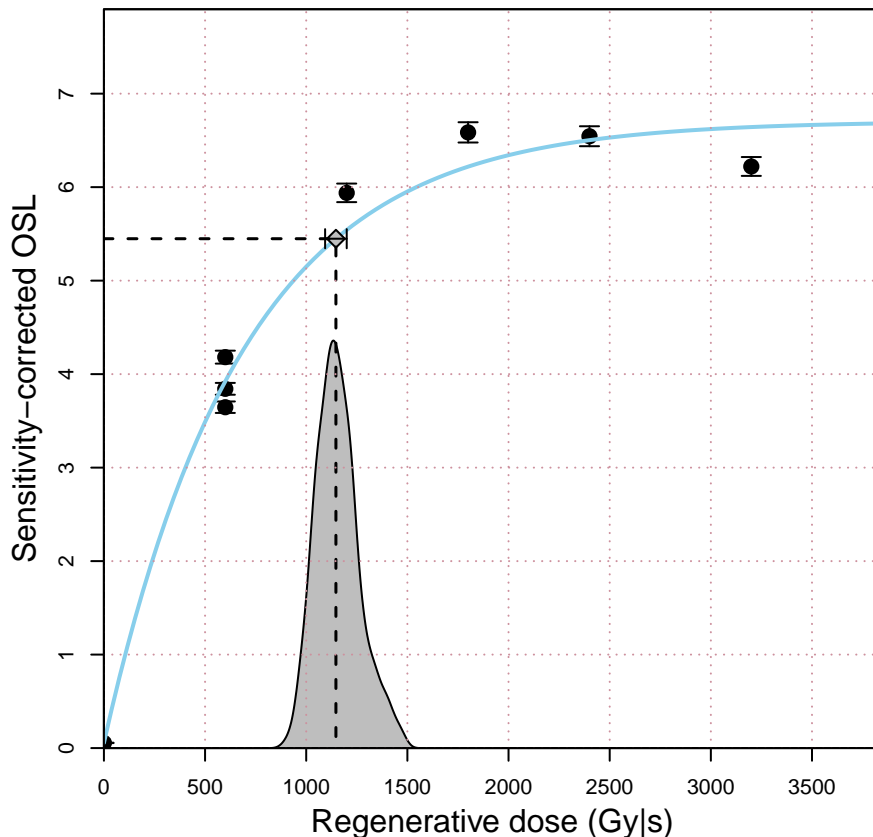
Recycling ratio 1: 0.93 +/- 0.04
Recycling ratio 2: 0.98 +/- 0.04
Recycling ratio 3: 1.05 +/- 0.05
=====

Recuperation 1: 0.64 +/- 0.05 (%)
Recuperation 2: 0.55 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 26.2
Average error in fit: 0.14
Reduced Chi-Square: 8.73
Figure Of Merit: 4.6 (%)
=====

calED method: Interpolation
MC acceptance-rate: 98.62 (%)
ED: 1577 +/- 246.89 (Gy/s)
RSE of ED: 15.66 (%)
95% interval: [1239.8, 2185.5]
68% interval: [1377.4, 1827.67]

Summary



ID: [NO=227, Position=5, Grain=27]

Status: OK

Tn: 3943.5 \pm 101.8

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 30.54 \pm 2.69

RSE of Tn: 2.58 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.05 \pm 0.05

Recycling ratio 2: 1.15 \pm 0.05

Recycling ratio 3: 1.09 \pm 0.05

Recuperation 1: 1.02 \pm 0.09 (%)

Recuperation 2: 0.84 \pm 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 20.25

Average error in fit: 0.1

Reduced Chi-Square: 6.75

Figure Of Merit: 5.02 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

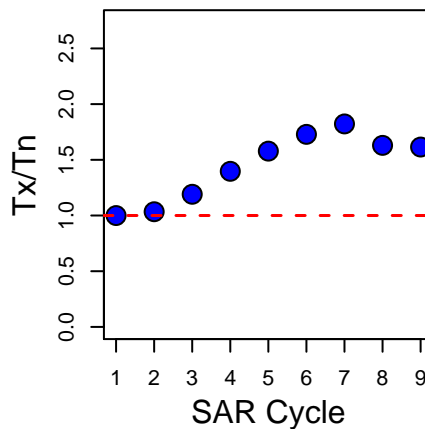
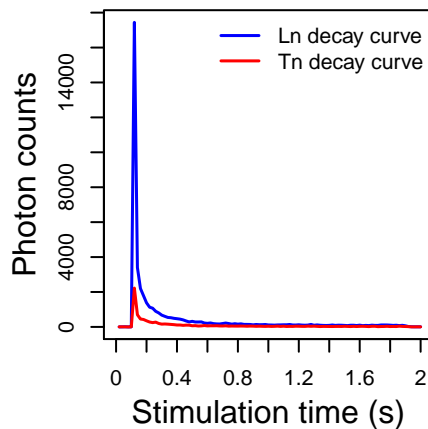
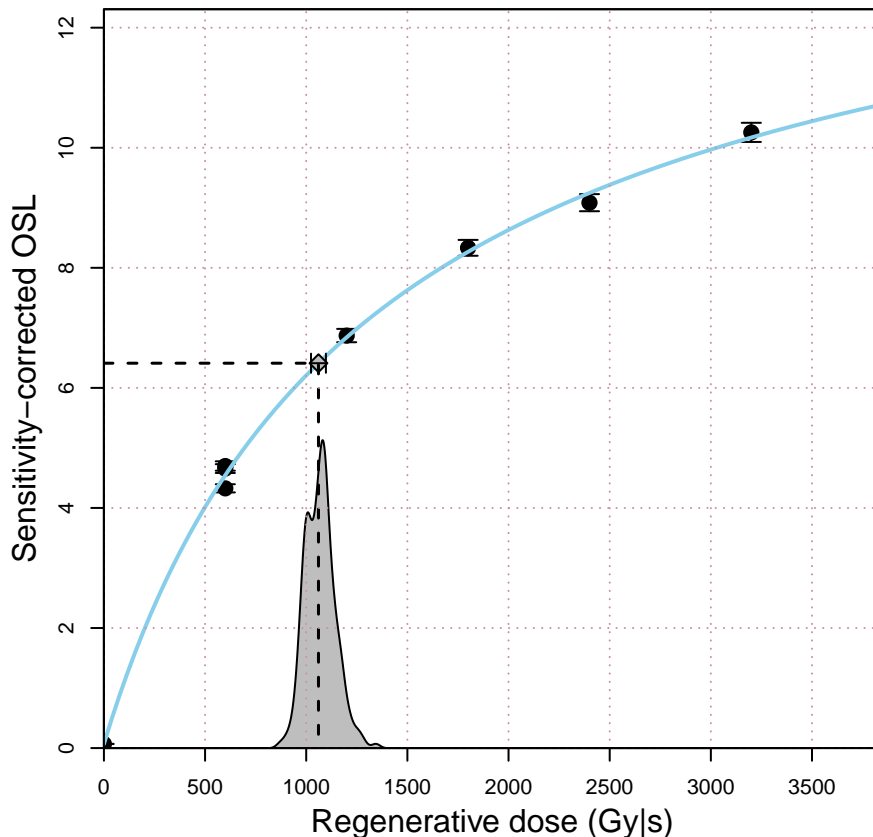
ED: 1146.78 \pm 106.7 (Gy/s)

RSE of ED: 9.3 (%)

95% interval: [971.96, 1400.11]

68% interval: [1051.17, 1254.34]

Summary



ID: [NO=228, Position=5, Grain=28]
=====

Status: OK
=====

Tn: 4015.5 +/- 103.24
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 32.01 +/- 2.86
RSE of Tn: 2.57 (%)
Fast ratio of Tn: NA +/- NA
=====

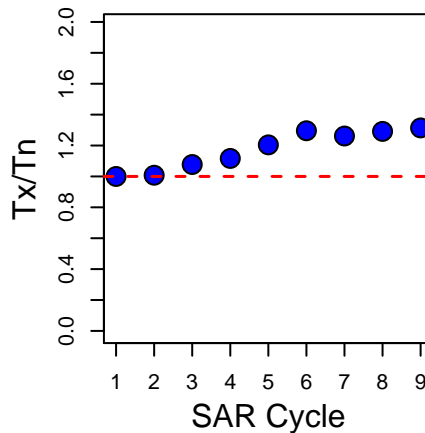
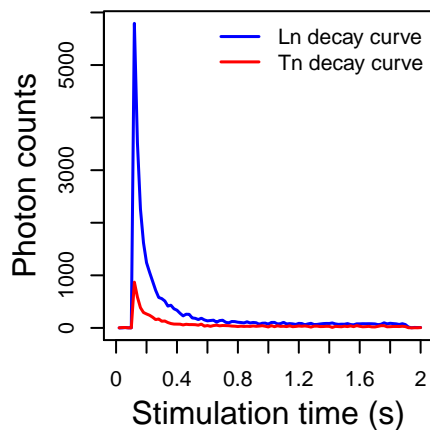
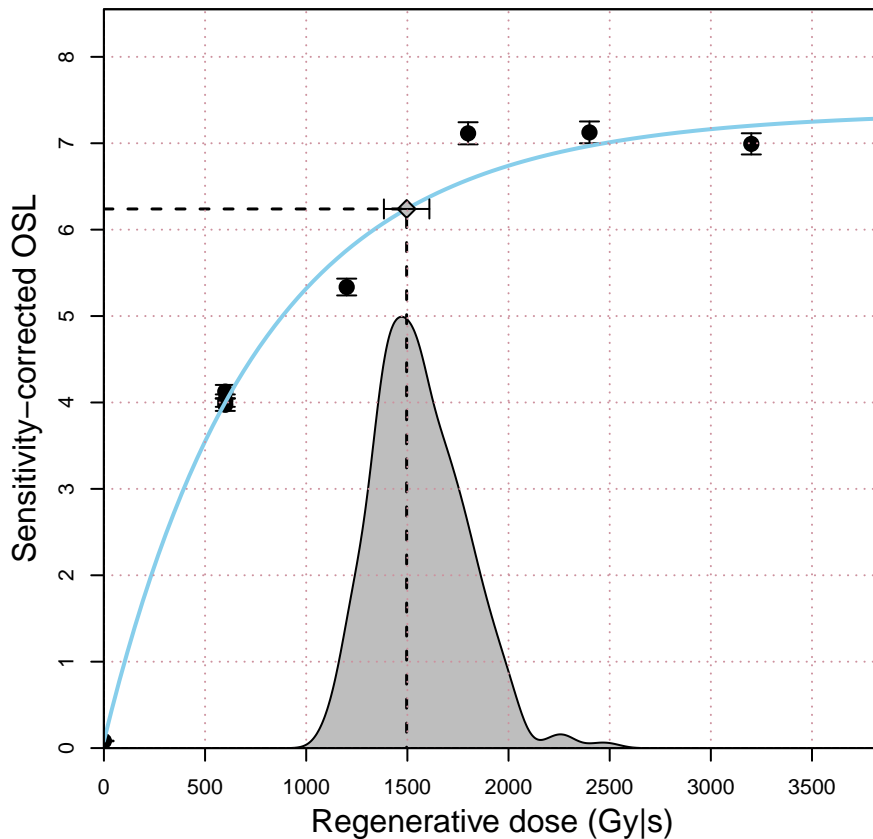
Recycling ratio 1: 0.99 +/- 0.05
Recycling ratio 2: 0.92 +/- 0.04
Recycling ratio 3: 0.93 +/- 0.04
=====

Recuperation 1: 1.08 +/- 0.07 (%)
Recuperation 2: 0.67 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 4.58
Average error in fit: 0.04
Reduced Chi-Square: 1.53
Figure Of Merit: 1.71 (%)
=====

calED method: Interpolation
MC acceptance-rate: 89.93 (%)
ED: 1060.52 +/- 73.56 (Gy/s)
RSE of ED: 6.94 (%)
95% interval: [941.84, 1223.69]
68% interval: [995.08, 1137.08]

Summary



ID: [NO=229, Position=5, Grain=29]

Status: OK

Tn: 2253.5 +/- 67.12

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 16.38 +/- 1.39

RSE of Tn: 2.98 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.05

Recycling ratio 2: 0.96 +/- 0.05

Recycling ratio 3: 0.99 +/- 0.05

Recuperation 1: 1.32 +/- 0.13 (%)

Recuperation 2: 1.15 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.01

Average error in fit: 0.09

Reduced Chi-Square: 3.67

Figure Of Merit: 3.89 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

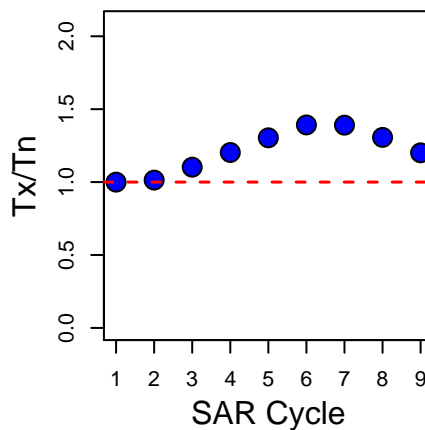
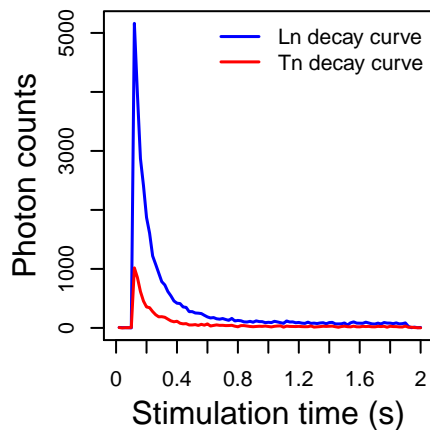
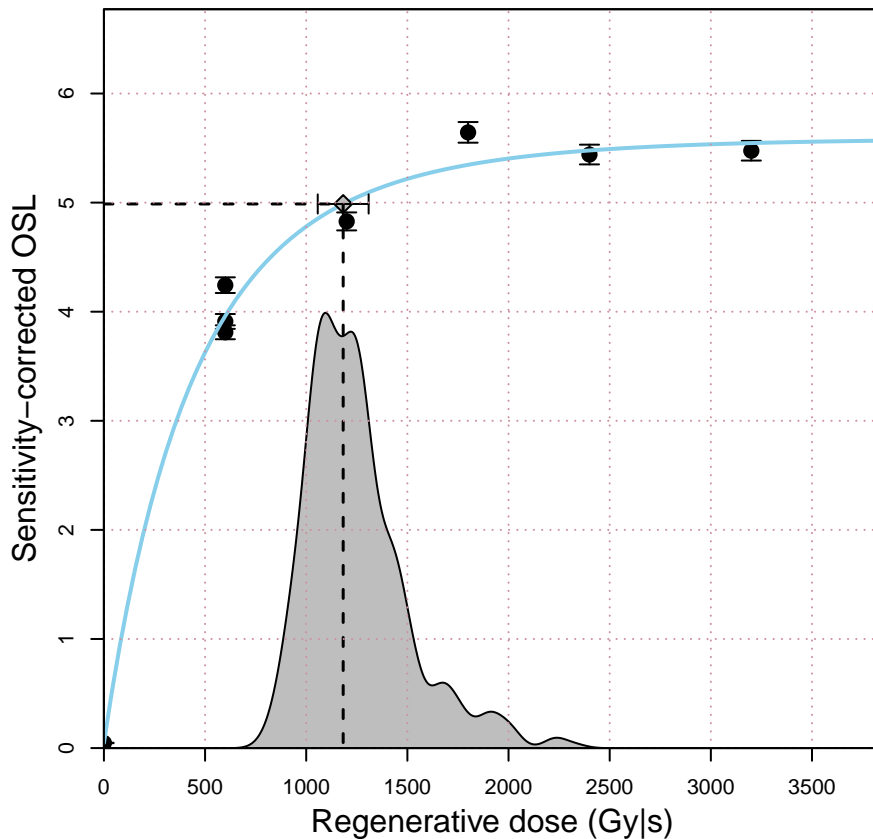
ED: 1496.36 +/- 224.76 (Gy/s)

RSE of ED: 15.02 (%)

95% interval: [1193.98, 2018.28]

68% interval: [1351.72, 1785.86]

Summary



ID: [NO=231, Position=5, Grain=31]

Status: OK

Tn: 3185.5 \pm 86.09

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.57 \pm 2.85

RSE of Tn: 2.7 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.97 \pm 0.05

Recycling ratio 2: 1.09 \pm 0.05

Recycling ratio 3: 1.11 \pm 0.05

Recuperation 1: 0.94 \pm 0.1 (%)

Recuperation 2: 0.83 \pm 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 9.19

Average error in fit: 0.06

Reduced Chi-Square: 3.06

Figure Of Merit: 3.2 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

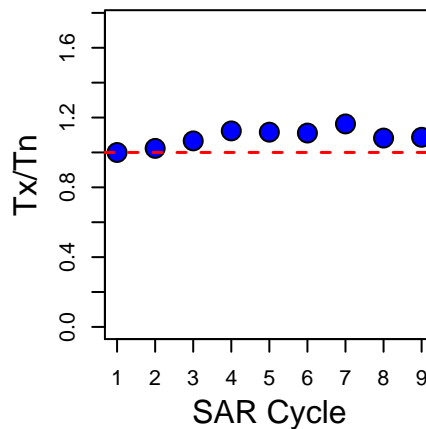
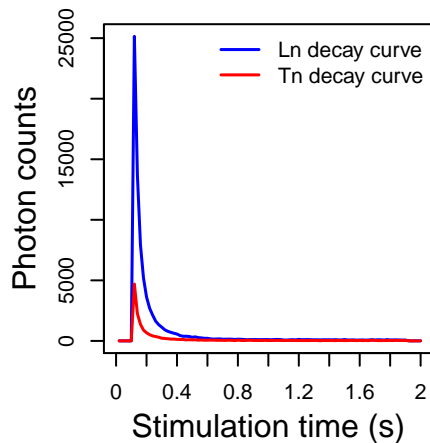
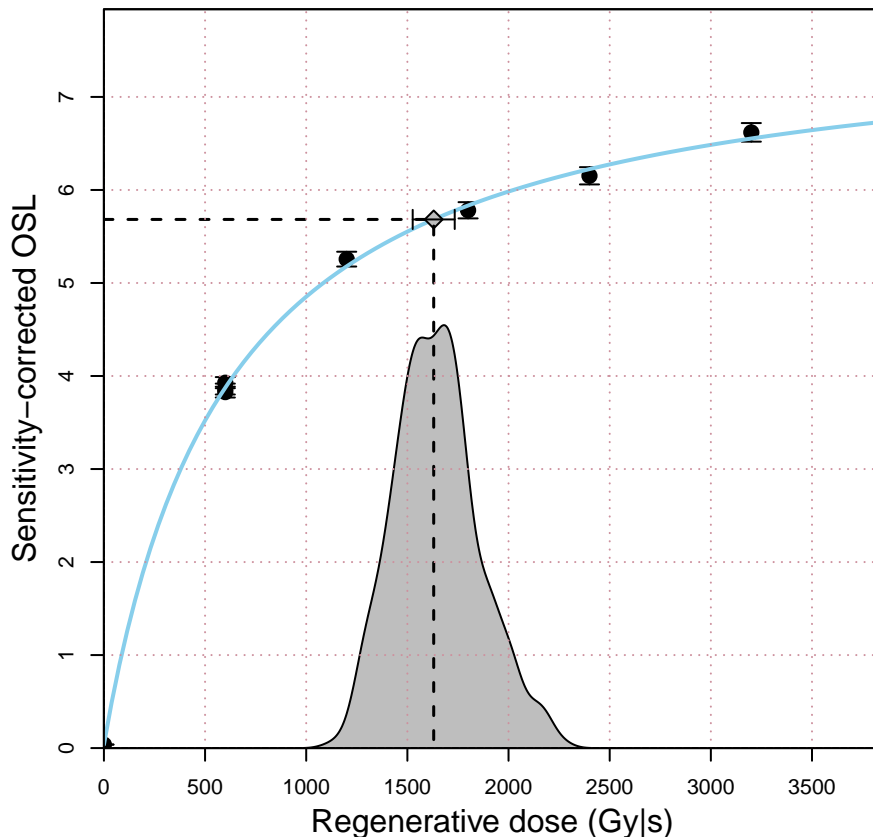
ED: 1182.67 \pm 251.63 (Gy/s)

RSE of ED: 21.28 (%)

95% interval: [909.84, 1918.36]

68% interval: [1032.31, 1454.04]

Summary



ID: [NO=232, Position=5, Grain=32]
=====

Status: OK
=====

Tn: 9705.5 +/- 218.26
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 58.26 +/- 4.51
RSE of Tn: 2.25 (%)
Fast ratio of Tn: NA +/- NA
=====

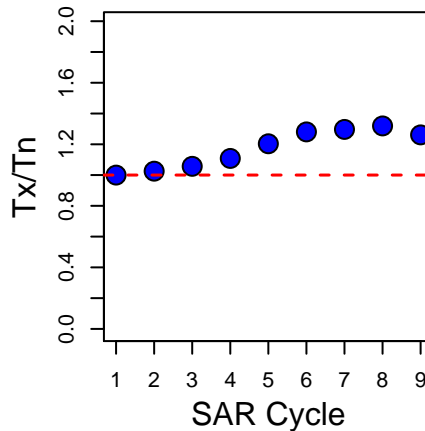
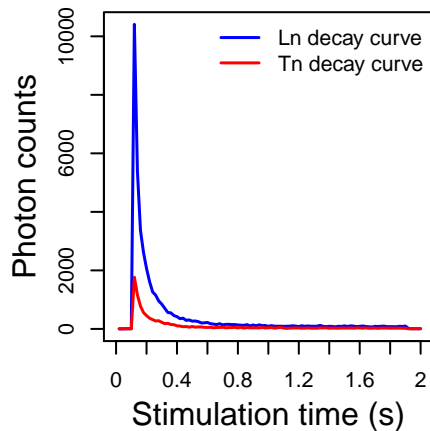
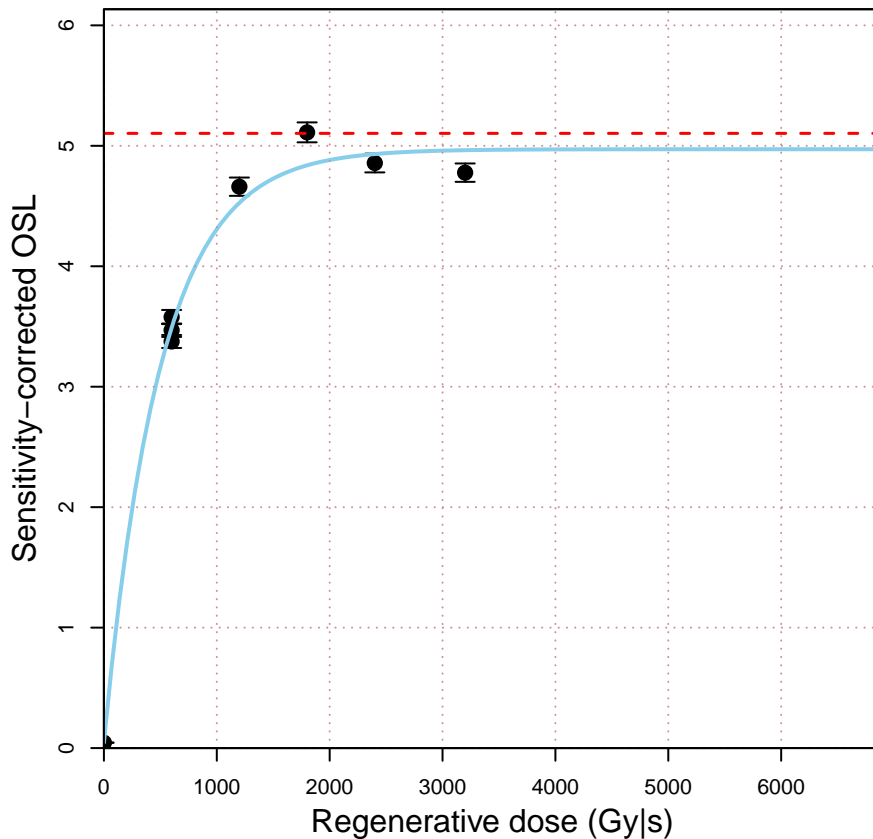
Recycling ratio 1: 0.97 +/- 0.04
Recycling ratio 2: 0.98 +/- 0.04
Recycling ratio 3: 1.01 +/- 0.04
=====

Recuperation 1: 0.66 +/- 0.05 (%)
Recuperation 2: 0.57 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 0.97
Average error in fit: 0.02
Reduced Chi-Square: 0.32
Figure Of Merit: 1.08 (%)
=====

calED method: Interpolation
MC acceptance-rate: 99.21 (%)
ED: 1630.1 +/- 207.8 (Gy/s)
RSE of ED: 12.75 (%)
95% interval: [1282.34, 2109.15]
68% interval: [1445.44, 1854.76]

Summary



ID: [NO=233, Position=5, Grain=33]

Status: Ln/Tn saturated

Tn: 4593 +/- 114.99

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 37.17 +/- 3.34

RSE of Tn: 2.5 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 0.88 +/- 0.08 (%)

Recuperation 2: 0.88 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.97

Average error in fit: 0.05

Reduced Chi-Square: 2.32

Figure Of Merit: 3 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

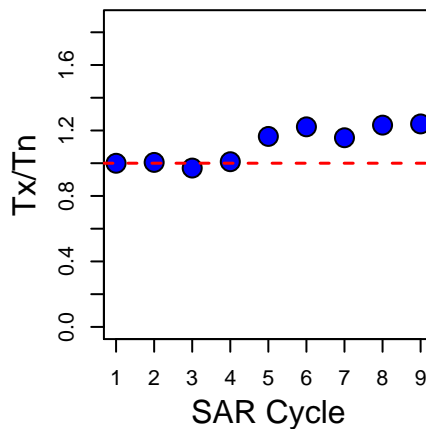
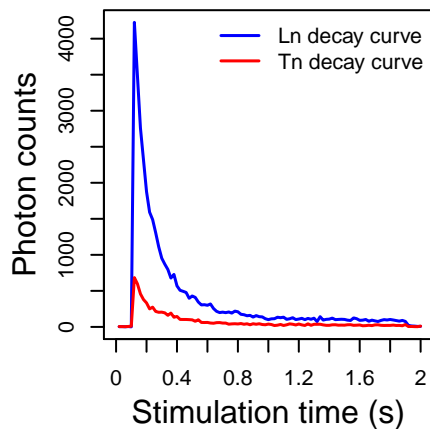
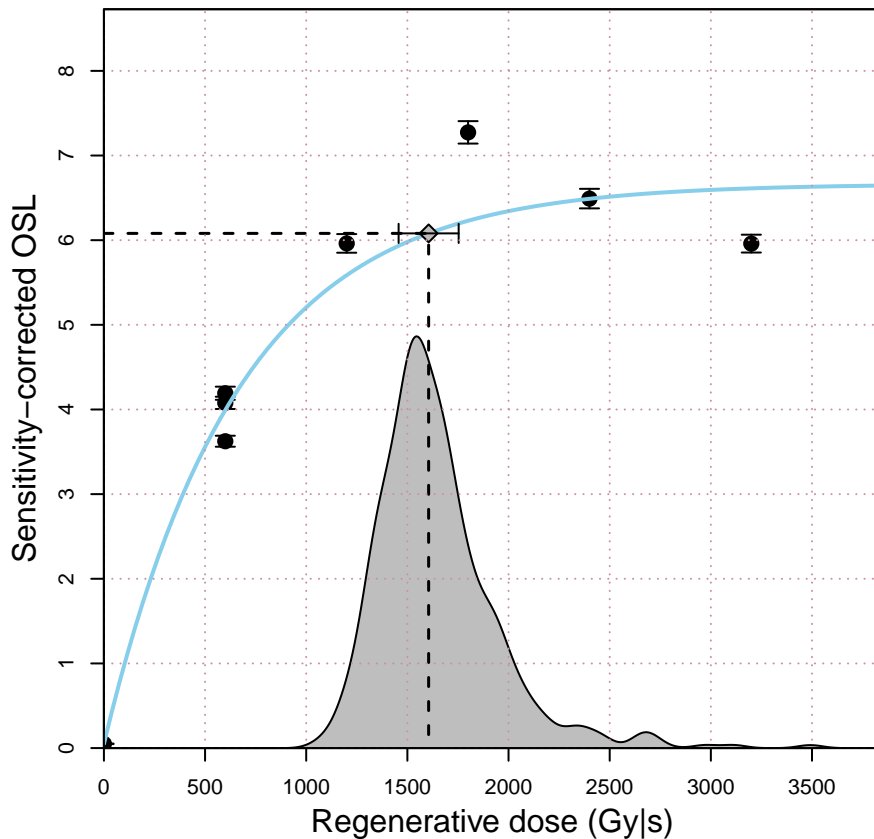
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=234, Position=5, Grain=34]

Status: OK

Tn: 2339 +/- 68.54

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.52 +/- 2.06

RSE of Tn: 2.93 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.86 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.05

Recycling ratio 3: 1.13 +/- 0.06

Recuperation 1: 0.83 +/- 0.11 (%)

Recuperation 2: 0.69 +/- 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 38.11

Average error in fit: 0.17

Reduced Chi-Square: 12.7

Figure Of Merit: 7.38 (%)

calED method: Interpolation

MC acceptance-rate: 91.24 (%)

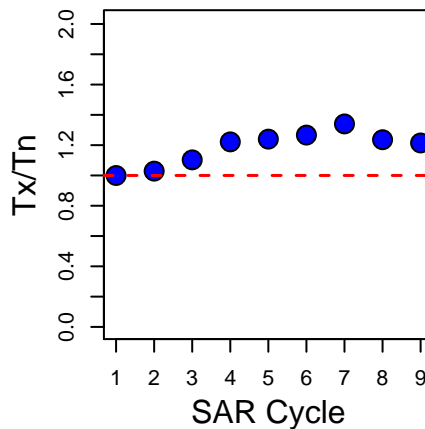
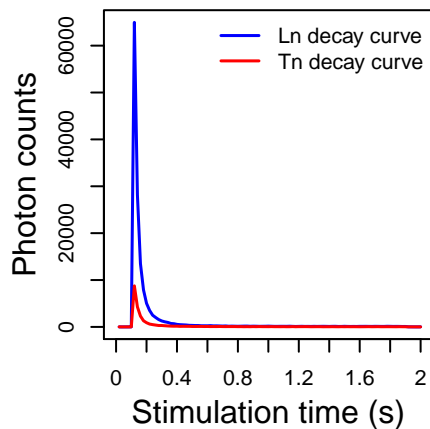
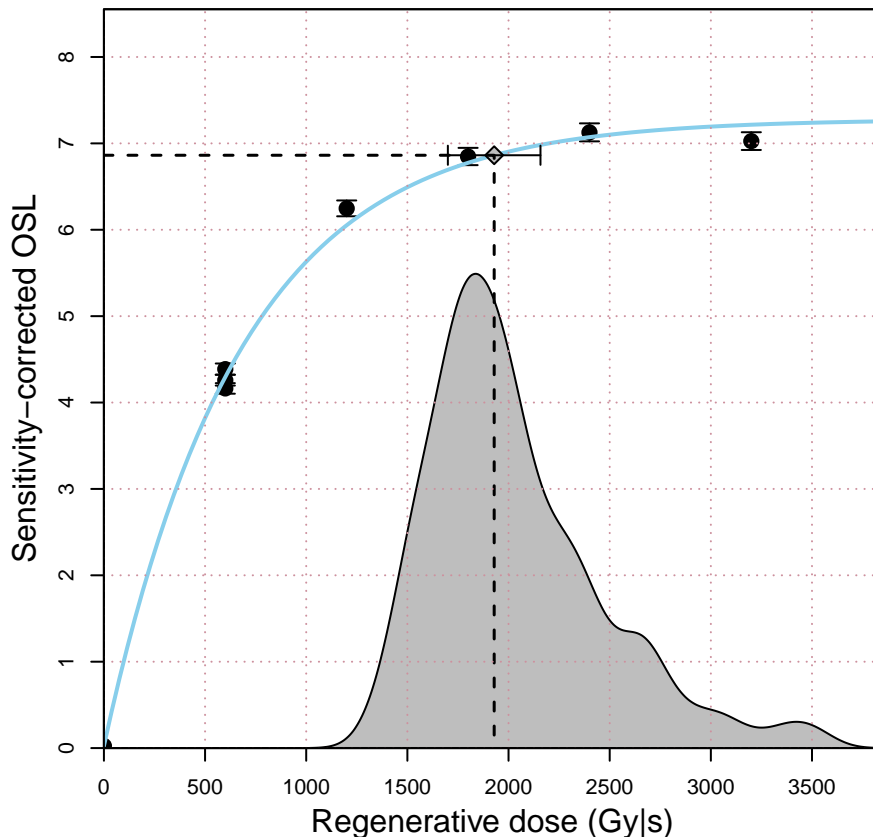
ED: 1605.03 +/- 296.83 (Gy/s)

RSE of ED: 18.49 (%)

95% interval: [1217.7, 2399.86]

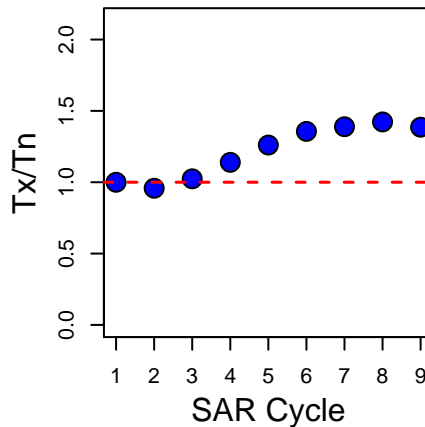
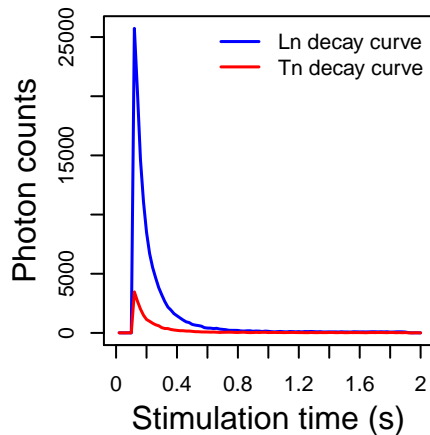
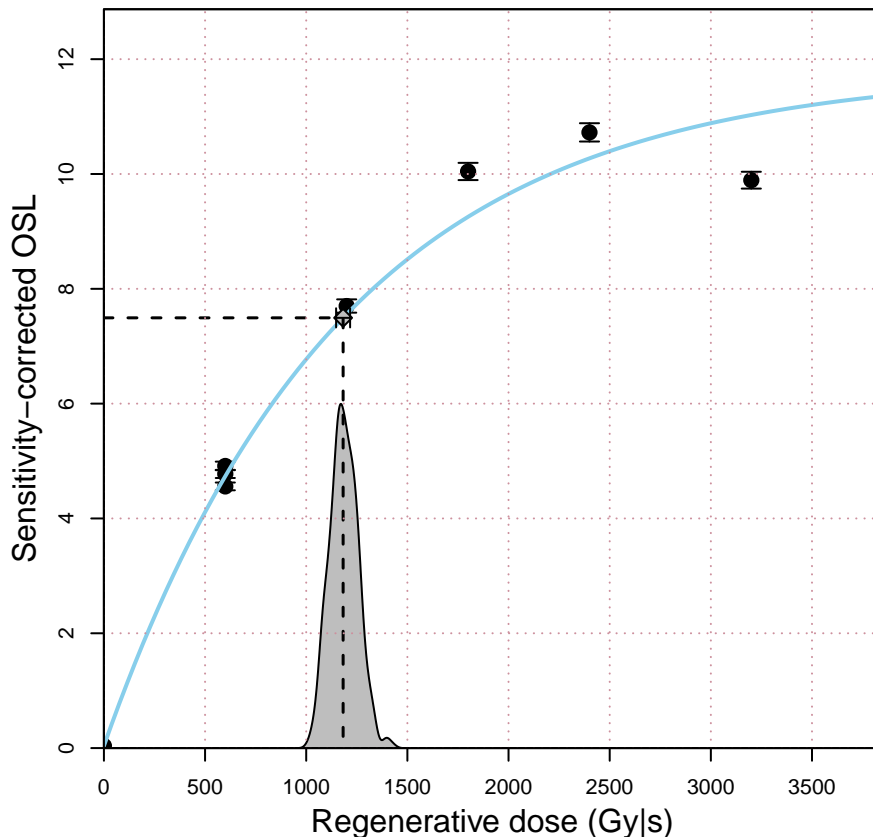
68% interval: [1387.81, 1891.3]

Summary



| |
|------------------------------------|
| ID: [NO=235, Position=5, Grain=35] |
| ===== |
| Status: OK |
| ===== |
| Tn: 17344 +/- 371.44 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 87.29 +/- 6.19 |
| RSE of Tn: 2.14 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.95 +/- 0.04 |
| Recycling ratio 2: 0.97 +/- 0.04 |
| Recycling ratio 3: 1.02 +/- 0.04 |
| ===== |
| Recuperation 1: 0.37 +/- 0.02 (%) |
| Recuperation 2: 0.35 +/- 0.02 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 3.96 |
| Average error in fit: 0.04 |
| Reduced Chi-Square: 1.32 |
| Figure Of Merit: 1.93 (%) |
| ===== |
| calED method: Interpolation |
| MC acceptance-rate: 97.66 (%) |
| ED: 1929.05 +/- 457.78 (Gy/s) |
| RSE of ED: 23.73 (%) |
| 95% interval: [1449.9, 3238.01] |
| 68% interval: [1645.75, 2442.82] |

Summary



ID: [NO=236, Position=5, Grain=36]

Status: OK

Tn: 10671.5 +/- 237.54

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 79.76 +/- 6.89

RSE of Tn: 2.23 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.04

Recuperation 1: 0.52 +/- 0.03 (%)

Recuperation 2: 0.37 +/- 0.02 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 27.59

Average error in fit: 0.19

Reduced Chi-Square: 9.2

Figure Of Merit: 5.57 (%)

calED method: Interpolation

MC acceptance-rate: 99.21 (%)

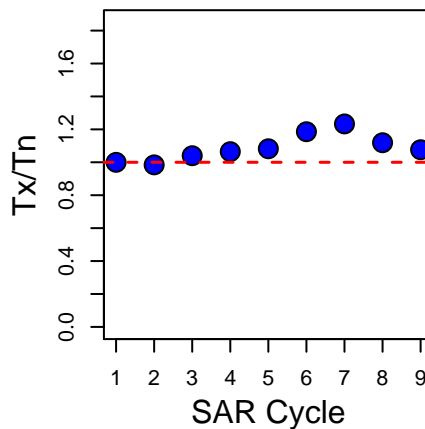
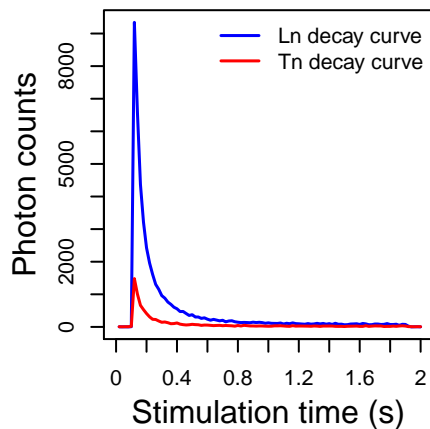
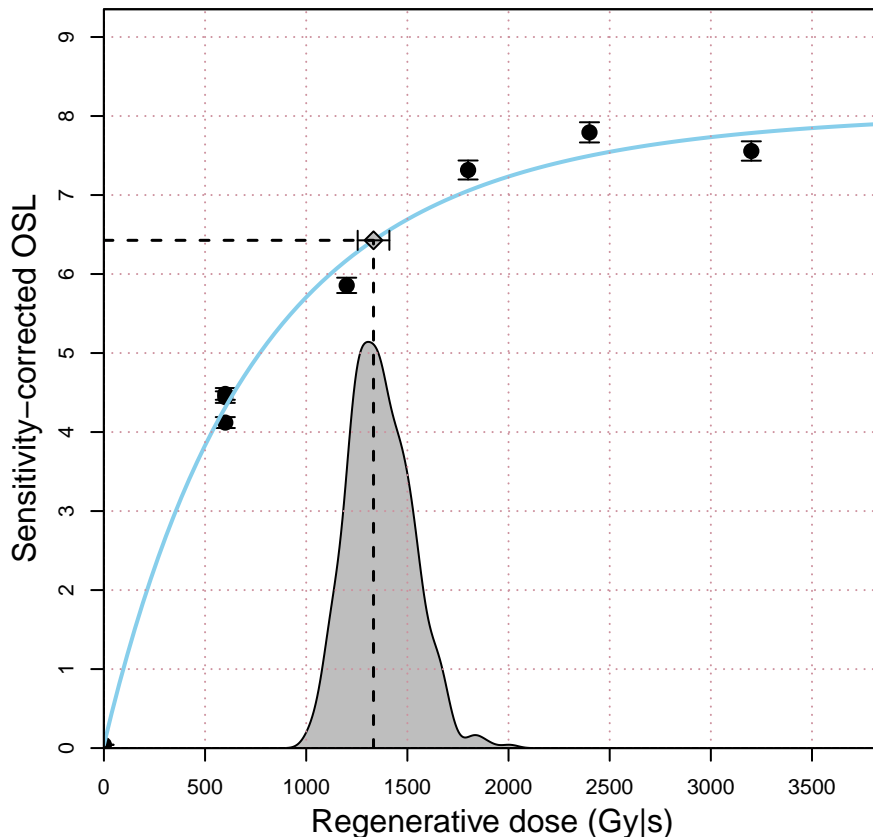
ED: 1182.31 +/- 69.15 (Gy/s)

RSE of ED: 5.85 (%)

95% interval: [1061.5, 1325.34]

68% interval: [1115.99, 1252.42]

Summary



ID: [NO=237, Position=5, Grain=37]

Status: OK

Tn: 3976.5 +/- 102.35

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.13 +/- 3.3

RSE of Tn: 2.57 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.08 +/- 0.05

Recycling ratio 2: 1.09 +/- 0.05

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.65 +/- 0.06 (%)

Recuperation 2: 0.54 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.13

Average error in fit: 0.08

Reduced Chi-Square: 3.38

Figure Of Merit: 3.85 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

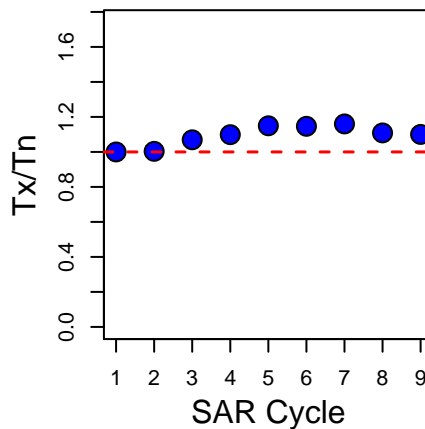
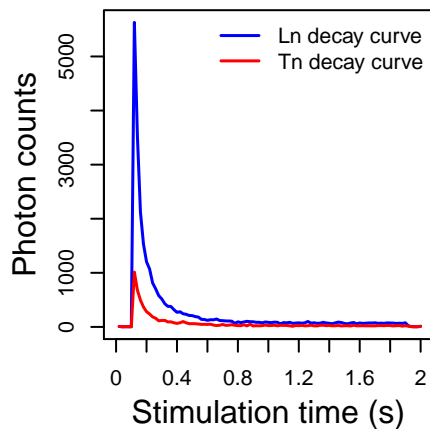
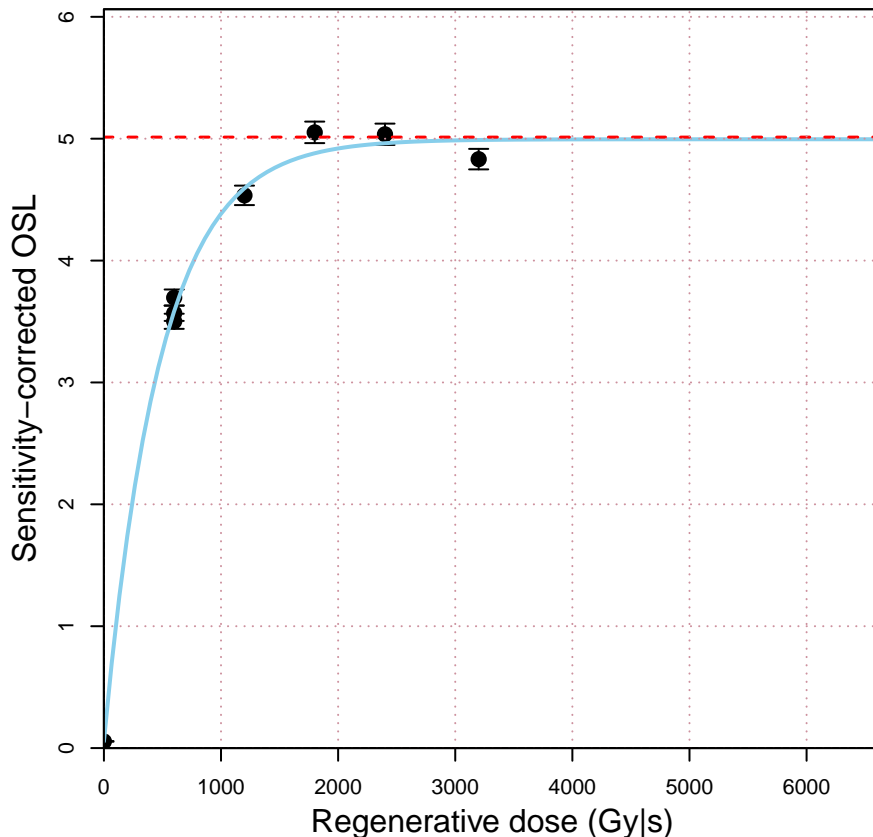
ED: 1332.7 +/- 156.73 (Gy/s)

RSE of ED: 11.76 (%)

95% interval: [1096.66, 1679.06]

68% interval: [1218.93, 1525.91]

Summary



ID: [NO=238, Position=5, Grain=38]

Status: Ln/Tn saturated

Tn: 2725 +/- 76.57

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 25.33 +/- 2.44

RSE of Tn: 2.81 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 0.97 +/- 0.05

Recycling ratio 3: 1.02 +/- 0.05

Recuperation 1: 1.09 +/- 0.11 (%)

Recuperation 2: 1.09 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.29

Average error in fit: 0.04

Reduced Chi-Square: 1.1

Figure Of Merit: 2.22 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

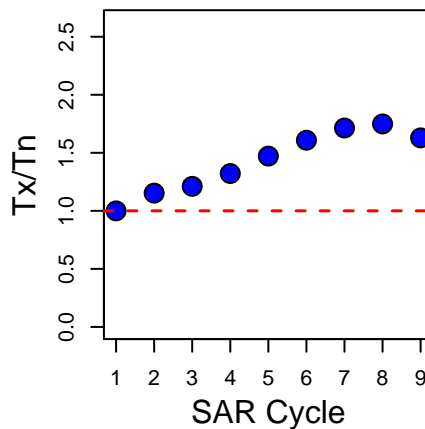
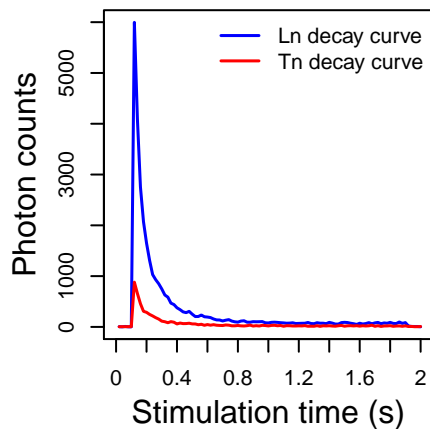
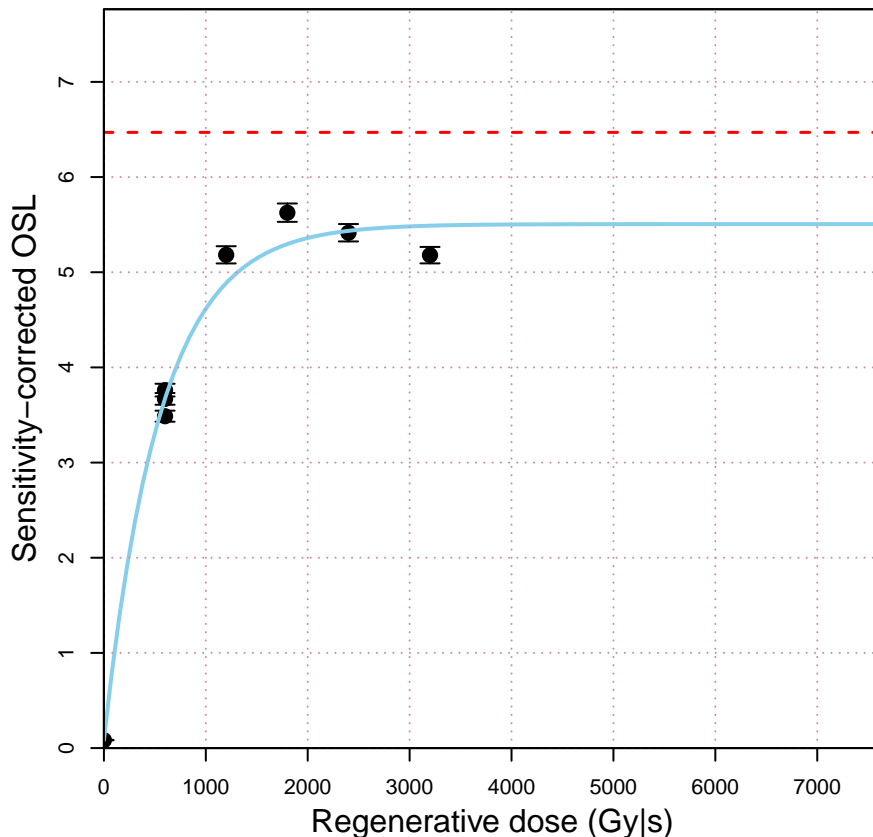
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=240, Position=5, Grain=40]

Status: Ln/Tn saturated

Tn: 2500 \pm 71.64

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.41 \pm 3.19

RSE of Tn: 2.87 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.93 \pm 0.05

Recycling ratio 2: 0.98 \pm 0.05

Recycling ratio 3: 1.05 \pm 0.05

Recuperation 1: 1.29 \pm 0.1 (%)

Recuperation 2: 1.49 \pm 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.84

Average error in fit: 0.07

Reduced Chi-Square: 3.95

Figure Of Merit: 3.83 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

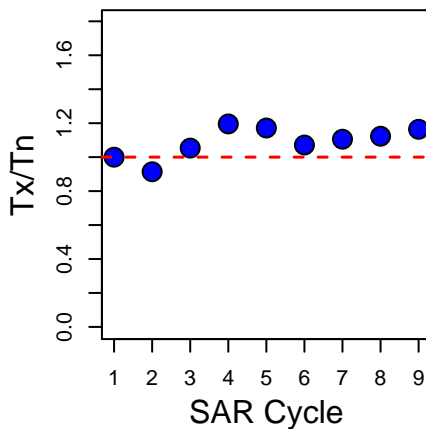
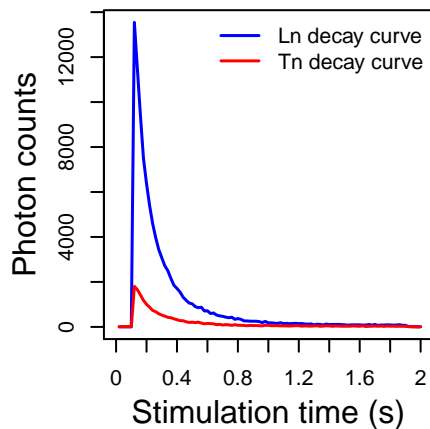
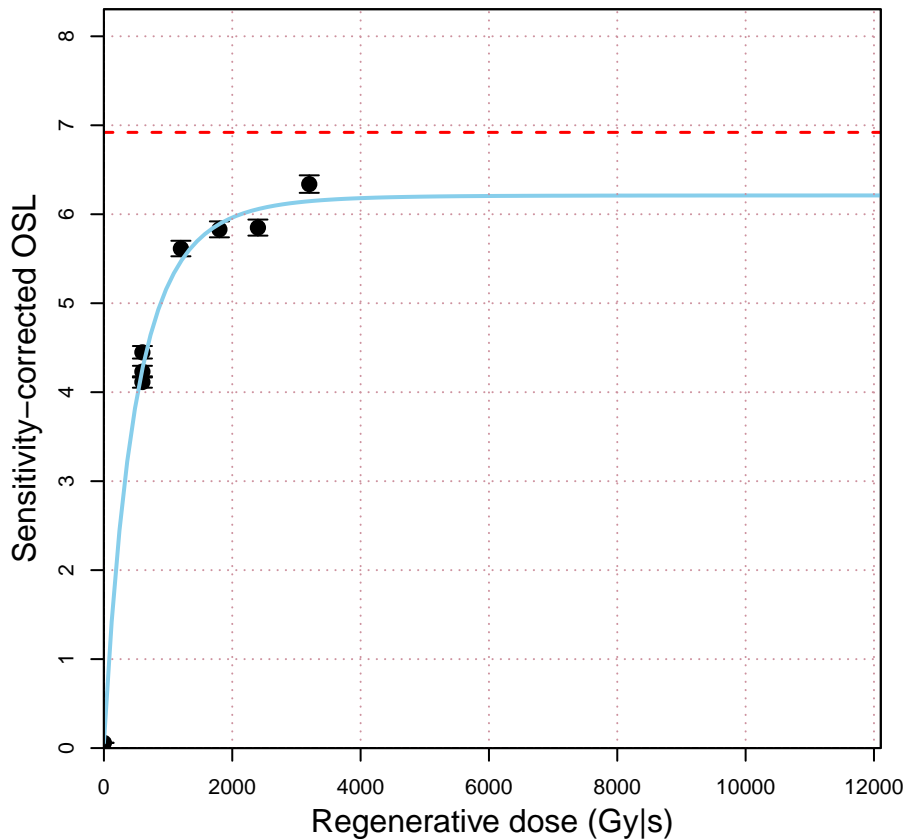
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=241, Position=5, Grain=41]

Status: Ln/Tn saturated

Tn: 6911.5 \pm 162.01

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 46.62 \pm 3.83

RSE of Tn: 2.34 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.95 \pm 0.04

Recycling ratio 3: 1.03 \pm 0.05

Recuperation 1: 0.86 \pm 0.06 (%)

Recuperation 2: 0.94 \pm 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.22

Average error in fit: 0.05

Reduced Chi-Square: 2.07

Figure Of Merit: 2.66 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

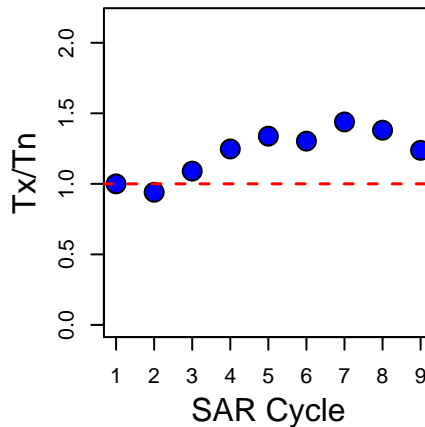
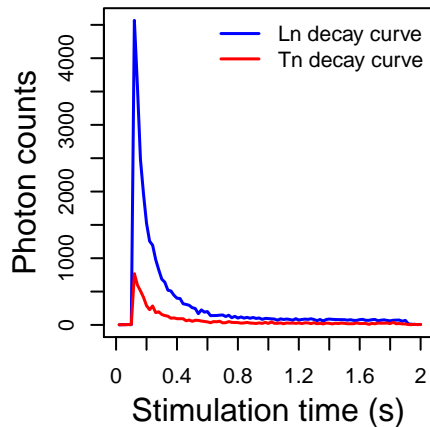
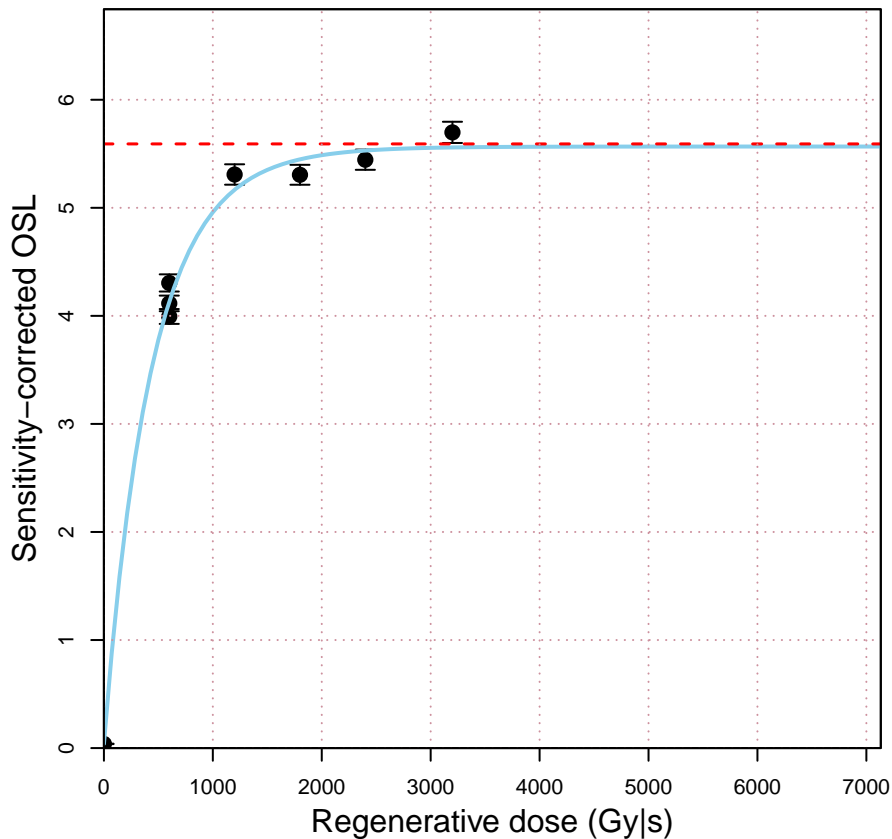
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=242, Position=5, Grain=42]

Status: Ln/Tn saturated

Tn: 2465 \pm 71.2

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 22.25 \pm 2.11

RSE of Tn: 2.89 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.93 \pm 0.05

Recycling ratio 2: 0.96 \pm 0.05

Recycling ratio 3: 1.03 \pm 0.05

Recuperation 1: 0.7 \pm 0.08 (%)

Recuperation 2: 0.68 \pm 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.06

Average error in fit: 0.04

Reduced Chi-Square: 1.35

Figure Of Merit: 2.44 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

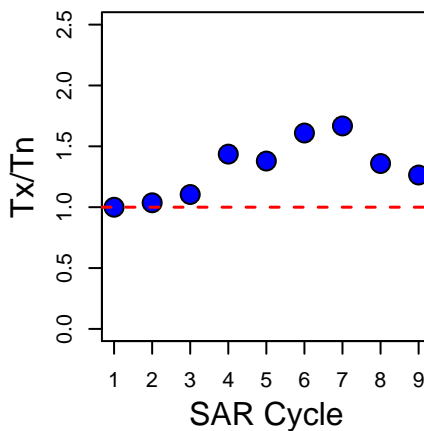
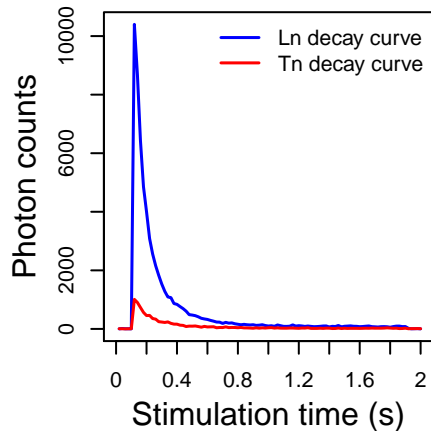
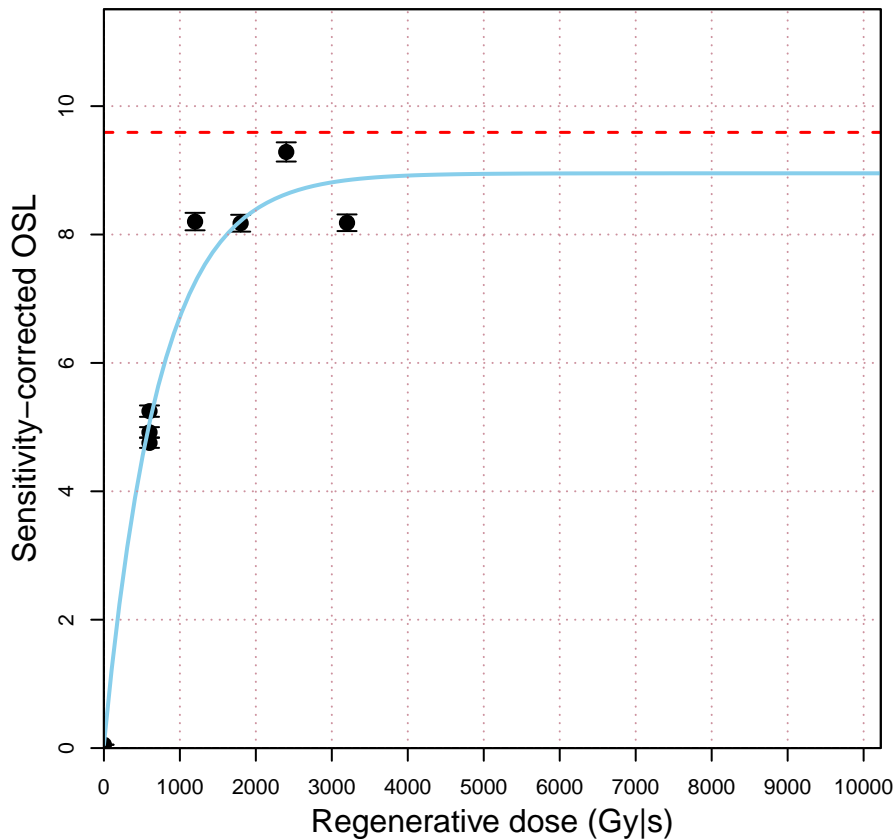
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=243, Position=5, Grain=43]

Status: Ln/Tn saturated

Tn: 3542.5 +/- 93.49

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 30.89 +/- 2.88

RSE of Tn: 2.64 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 0.97 +/- 0.04

Recuperation 1: 0.55 +/- 0.04 (%)

Recuperation 2: 0.57 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 29.37

Average error in fit: 0.17

Reduced Chi-Square: 9.79

Figure Of Merit: 6.1 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

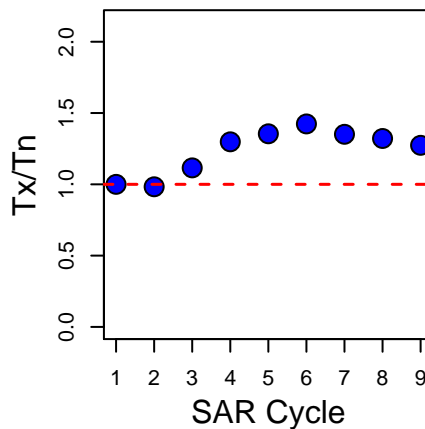
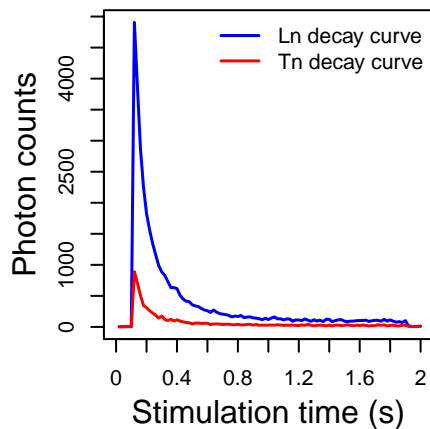
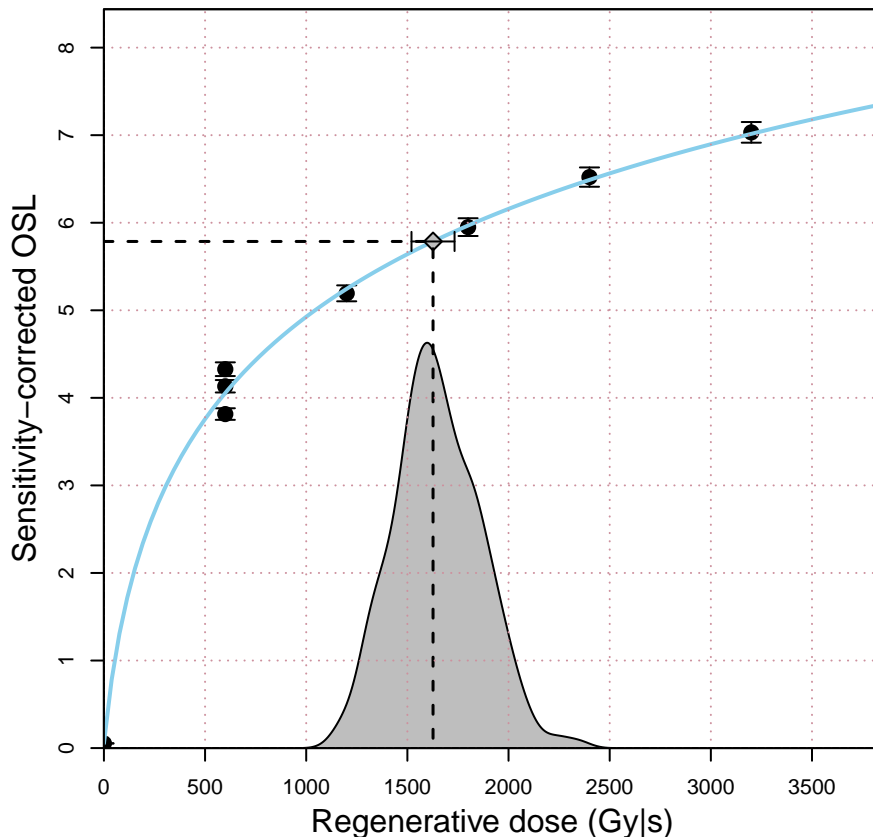
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=244, Position=5, Grain=44]

Status: OK

Tn: 2638 +/- 74.86

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 22.62 +/- 2.09

RSE of Tn: 2.84 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 0.92 +/- 0.05

Recuperation 1: 0.93 +/- 0.1 (%)

Recuperation 2: 0.76 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.73

Average error in fit: 0.05

Reduced Chi-Square: 2.24

Figure Of Merit: 1.91 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

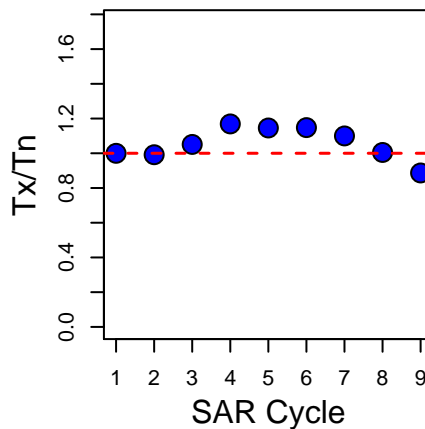
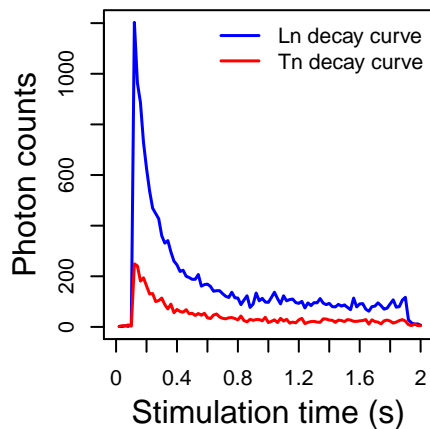
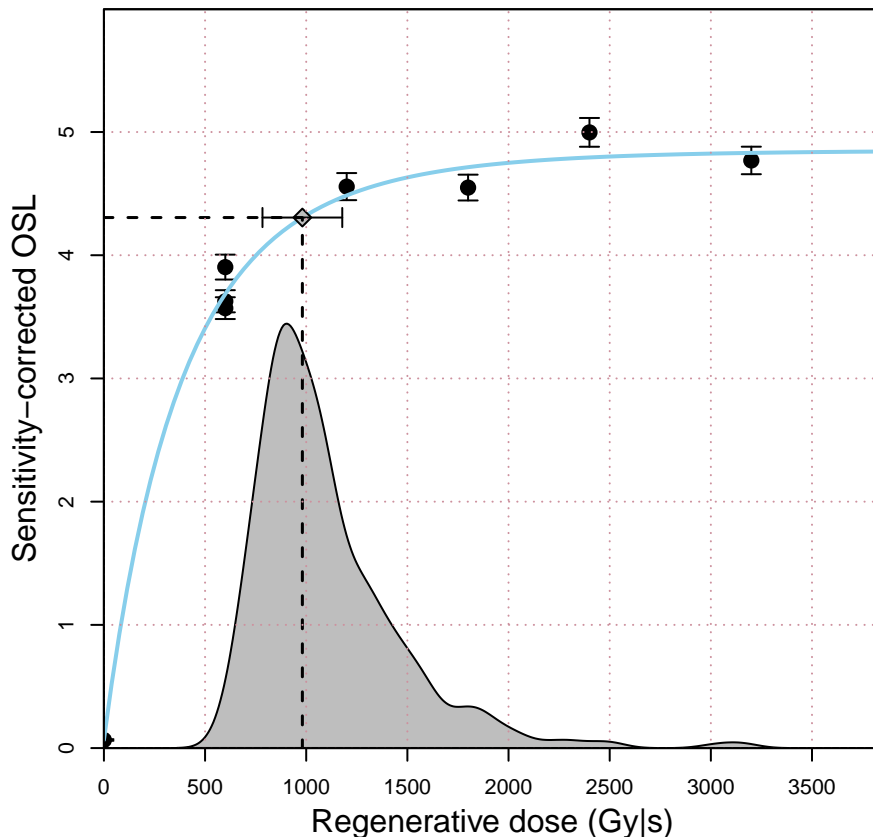
ED: 1626.8 +/- 212.85 (Gy/s)

RSE of ED: 13.08 (%)

95% interval: [1273.05, 2068.17]

68% interval: [1433.72, 1863.39]

Summary



ID: [NO=245, Position=5, Grain=45]

Status: OK

Tn: 919 +/- 37.67

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 9.51 +/- 0.96

RSE of Tn: 4.1 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.02 +/- 0.07

Recycling ratio 2: 1.09 +/- 0.08

Recycling ratio 3: 1.08 +/- 0.08

Recuperation 1: 1.53 +/- 0.31 (%)

Recuperation 2: 1.32 +/- 0.27 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.26

Average error in fit: 0.05

Reduced Chi-Square: 1.09

Figure Of Merit: 2.99 (%)

calED method: Interpolation

MC acceptance-rate: 98.23 (%)

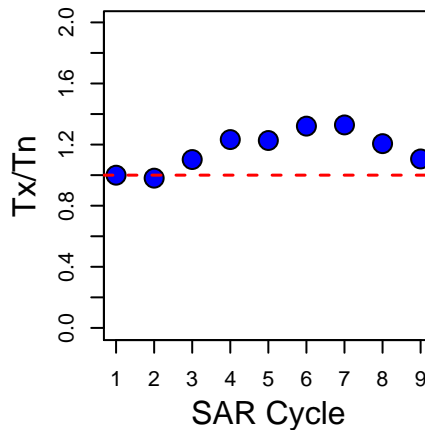
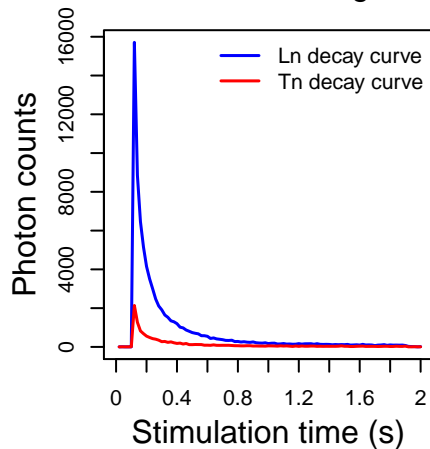
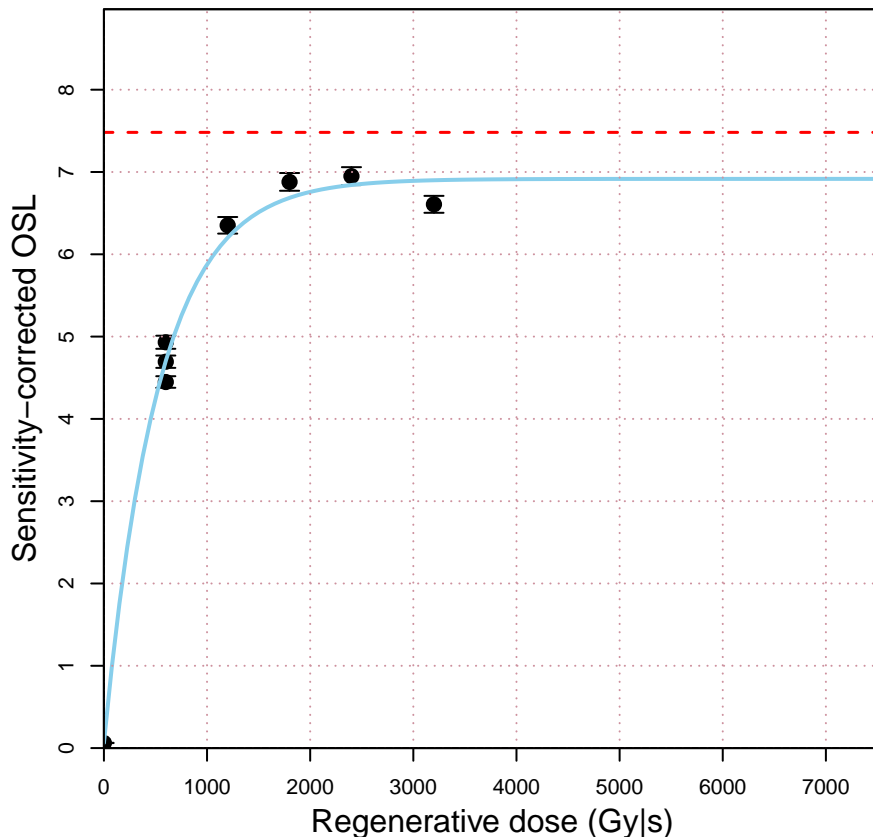
ED: 980.97 +/- 394.29 (Gy/s)

RSE of ED: 40.19 (%)

95% interval: [679.12, 2029.82]

68% interval: [817.52, 1412.06]

Summary



ID: [NO=246, Position=5, Grain=46]

Status: Ln/Tn saturated

Tn: 5327 +/- 129.97

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 38.25 +/- 3.24

RSE of Tn: 2.44 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1.06 +/- 0.05

Recuperation 1: 0.83 +/- 0.06 (%)

Recuperation 2: 0.9 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 8.99

Average error in fit: 0.07

Reduced Chi-Square: 3

Figure Of Merit: 3.03 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

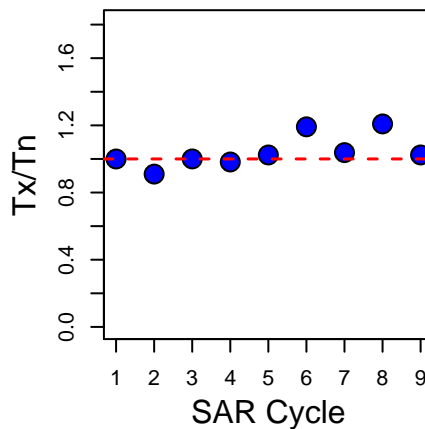
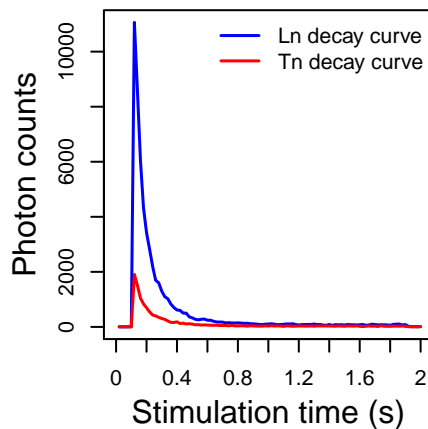
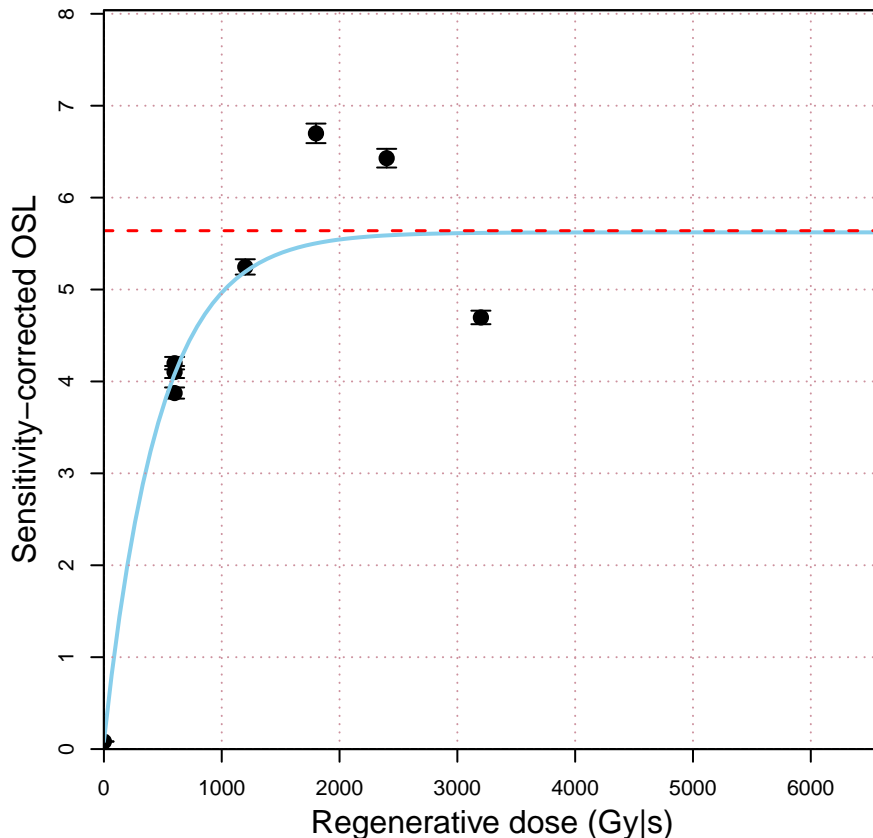
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=247, Position=5, Grain=47]

Status: Ln/Tn saturated

Tn: 5861 +/- 140.71

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 45.74 +/- 4.04

RSE of Tn: 2.4 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.98 +/- 0.04

Recycling ratio 3: 1.06 +/- 0.05

Recuperation 1: 1.46 +/- 0.1 (%)

Recuperation 2: 1.23 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 91.49

Average error in fit: 0.22

Reduced Chi-Square: 30.5

Figure Of Merit: 9.8 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

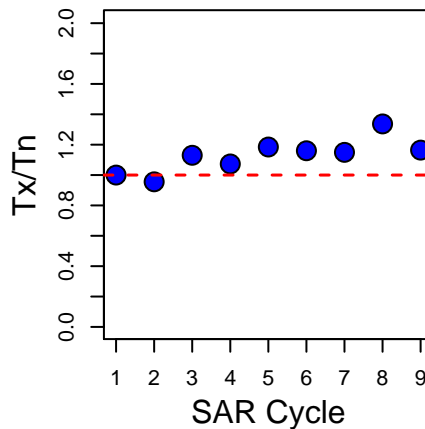
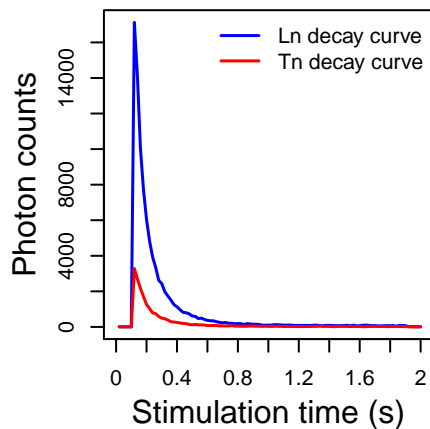
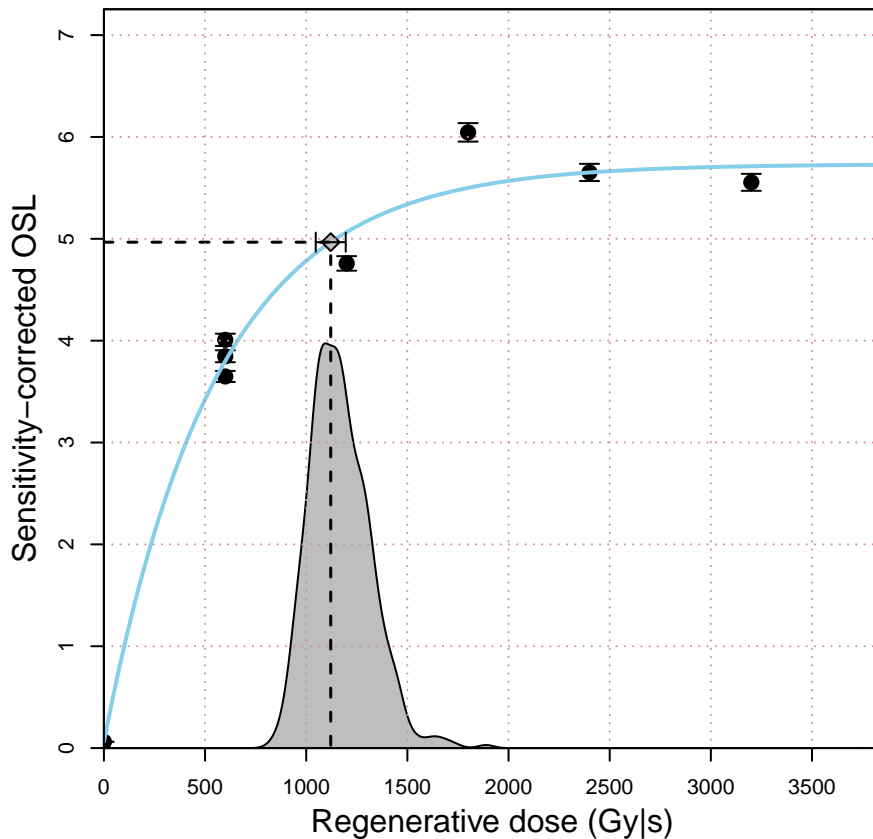
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

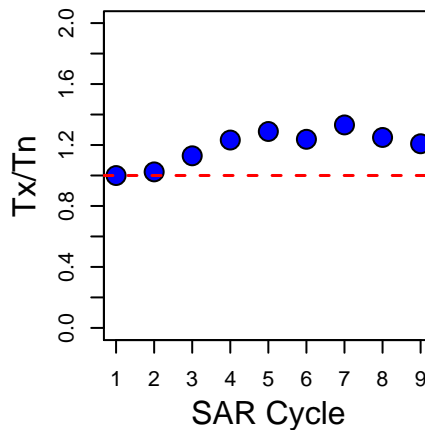
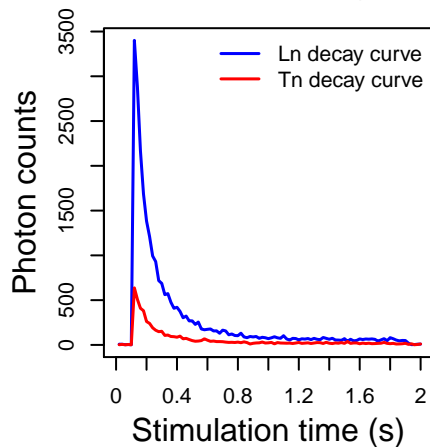
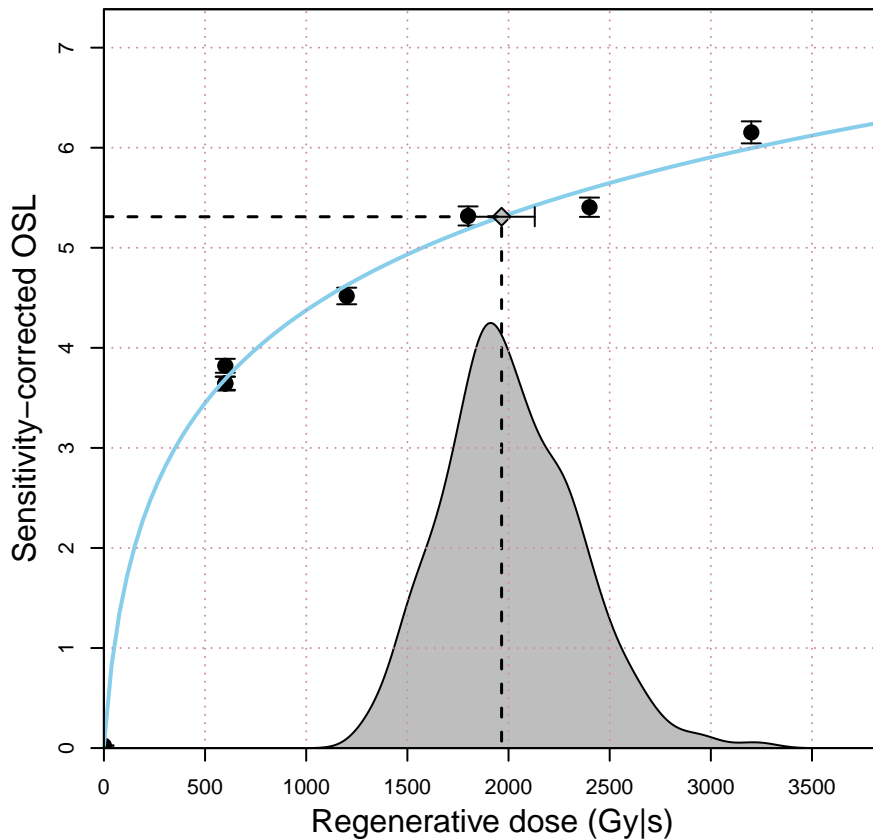
68% interval: [-Inf, +Inf]

Summary



| |
|-------------------------------------|
| ID: [NO=250, Position=5, Grain=50] |
| ===== |
| Status: OK |
| ===== |
| Tn: 11010.5 +/- 244.26 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 104.38 +/- 10.16 |
| RSE of Tn: 2.22 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.95 +/- 0.04 |
| Recycling ratio 2: 1.04 +/- 0.04 |
| Recycling ratio 3: 1.1 +/- 0.05 |
| ===== |
| Recuperation 1: 1.24 +/- 0.07 (%) |
| Recuperation 2: 1.02 +/- 0.06 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 19.67 |
| Average error in fit: 0.09 |
| Reduced Chi-Square: 6.56 |
| Figure Of Merit: 4.24 (%) |
| ===== |
| calED method: Interpolation |
| MC acceptance-rate: 99.8 (%) |
| ED: 1121.12 +/- 148.24 (Gy/s) |
| RSE of ED: 13.22 (%) |
| 95% interval: [935.21, 1467.51] |
| 68% interval: [1030.87, 1308.95] |

Summary



ID: [NO=251, Position=5, Grain=51]

Status: OK

Tn: 2116 +/- 63.48

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 26.8 +/- 3.01

RSE of Tn: 3 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1 +/- 0.05

Recycling ratio 2: 1.05 +/- 0.06

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.47 +/- 0.09 (%)

Recuperation 2: 0.41 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.44

Average error in fit: 0.04

Reduced Chi-Square: 1.15

Figure Of Merit: 2.46 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

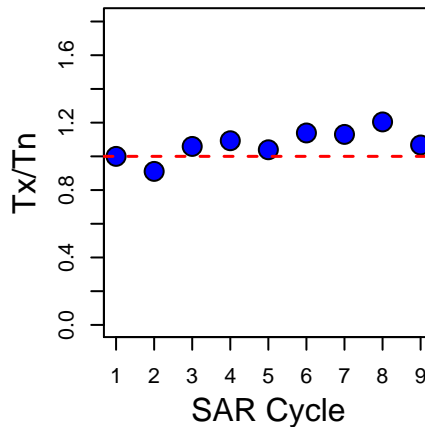
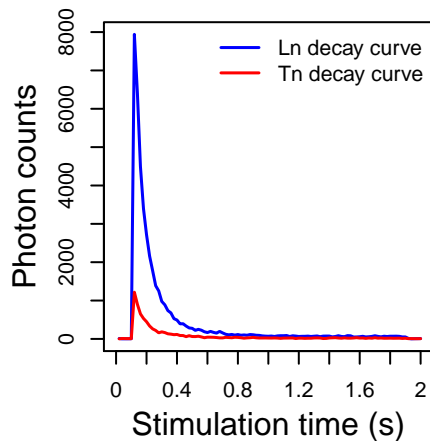
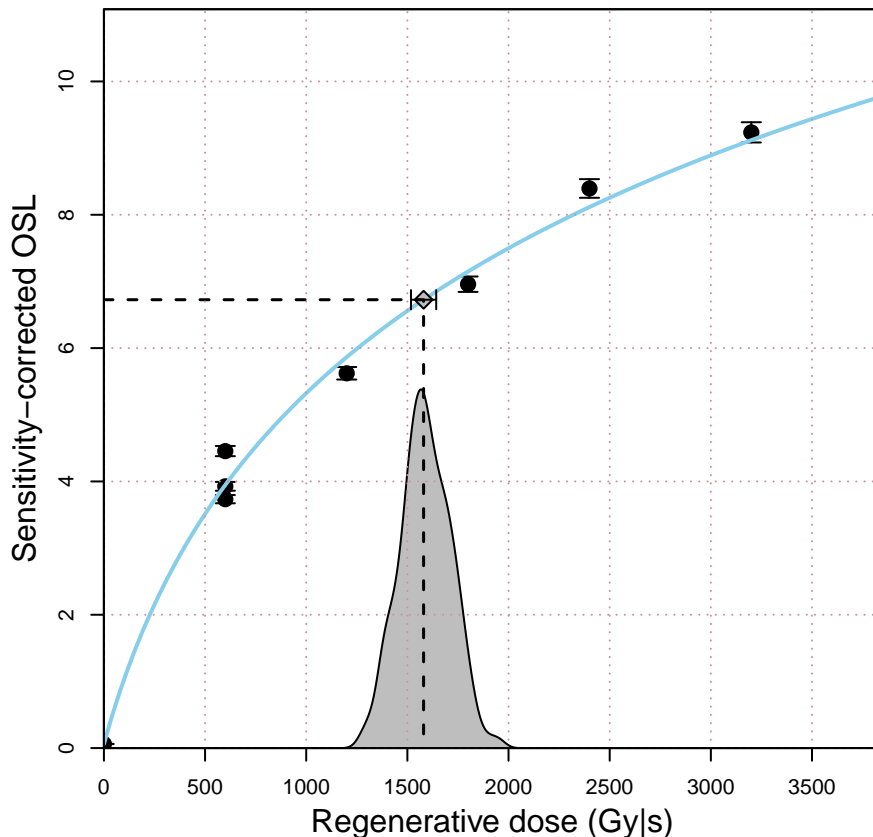
ED: 1965.68 +/- 328.1 (Gy/s)

RSE of ED: 16.69 (%)

95% interval: [1444.1, 2694.85]

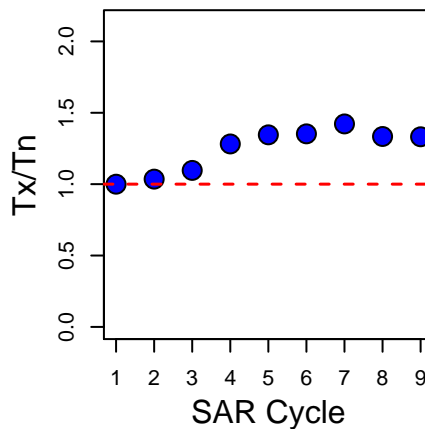
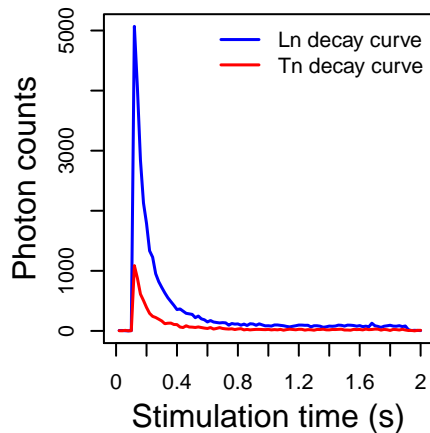
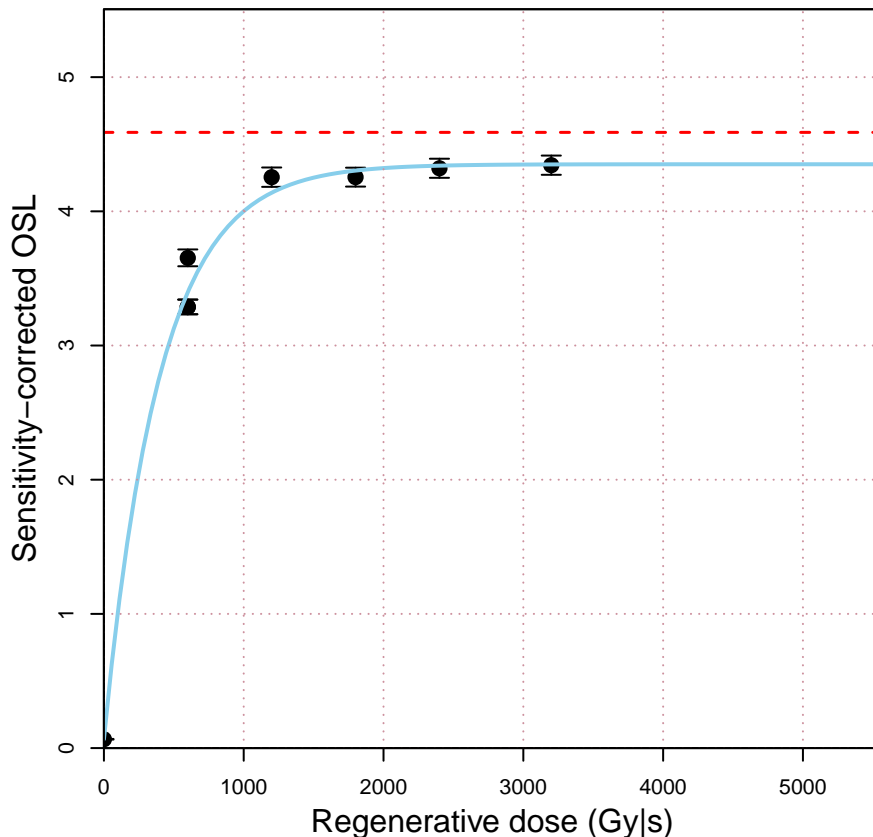
68% interval: [1693.72, 2324.88]

Summary



| |
|------------------------------------|
| ID: [NO=252, Position=5, Grain=52] |
| Status: OK |
| Tn: 3661 +/- 95.69 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 41.68 +/- 4.45 |
| RSE of Tn: 2.61 (%) |
| Fast ratio of Tn: NA +/- NA |
| Recycling ratio 1: 0.84 +/- 0.04 |
| Recycling ratio 2: 0.88 +/- 0.04 |
| Recycling ratio 3: 1.05 +/- 0.05 |
| Recuperation 1: 0.92 +/- 0.08 (%) |
| Recuperation 2: 0.67 +/- 0.06 (%) |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 17.48 |
| Average error in fit: 0.09 |
| Reduced Chi-Square: 5.83 |
| Figure Of Merit: 3.73 (%) |
| calED method: Interpolation |
| MC acceptance-rate: 100 (%) |
| ED: 1580.21 +/- 124.7 (Gy/s) |
| RSE of ED: 7.89 (%) |
| 95% interval: [1358.11, 1824.63] |
| 68% interval: [1463.15, 1717.85] |

Summary



ID: [NO=253, Position=5, Grain=53]

Status: Ln/Tn saturated

Tn: 3373.5 +/- 89.86

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 34.9 +/- 3.55

RSE of Tn: 2.66 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 1.43 +/- 0.12 (%)

Recuperation 2: 1.51 +/- 0.12 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.96

Average error in fit: 0.04

Reduced Chi-Square: 2.32

Figure Of Merit: 2.43 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

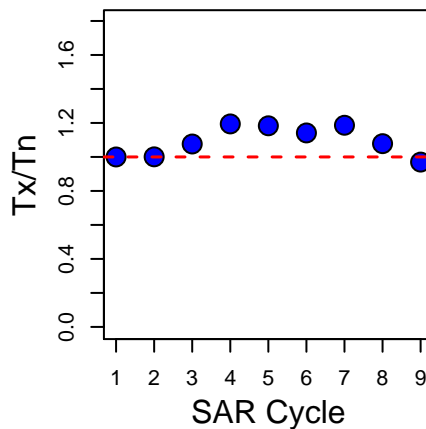
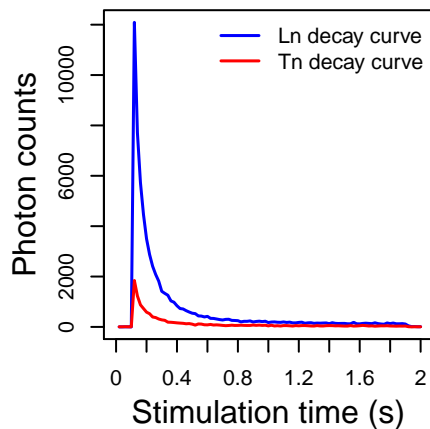
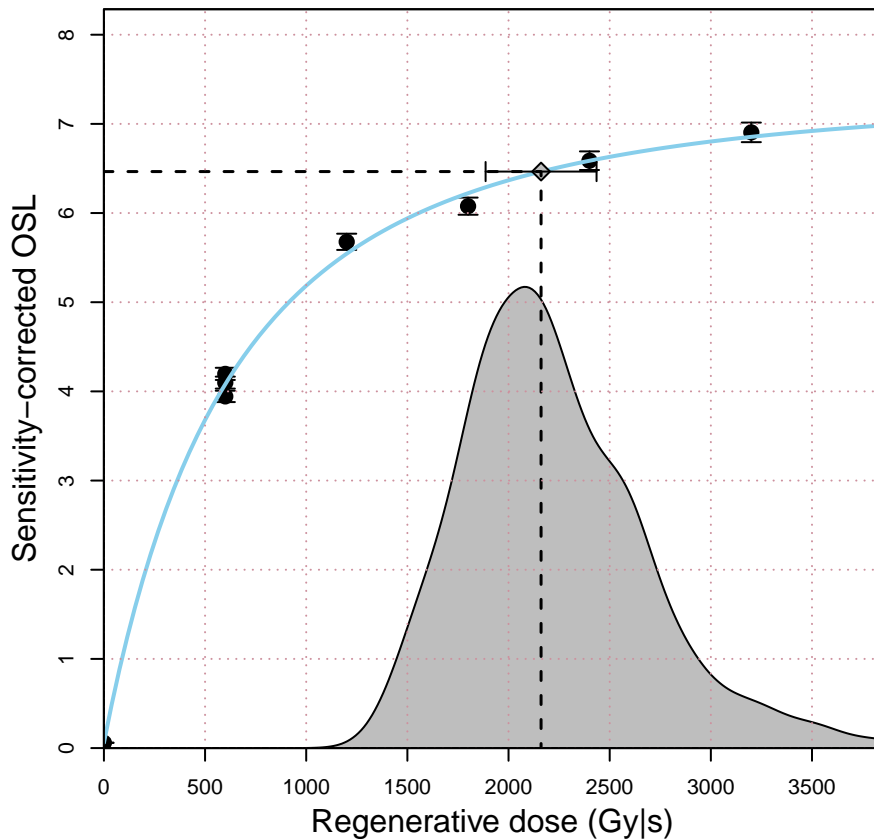
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=254, Position=5, Grain=54]

Status: OK

Tn: 5081 +/- 125.22

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.92 +/- 2.18

RSE of Tn: 2.46 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 0.98 +/- 0.05

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 0.92 +/- 0.07 (%)

Recuperation 2: 0.86 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.05

Average error in fit: 0.03

Reduced Chi-Square: 1.02

Figure Of Merit: 1.6 (%)

calED method: Interpolation

MC acceptance-rate: 96.53 (%)

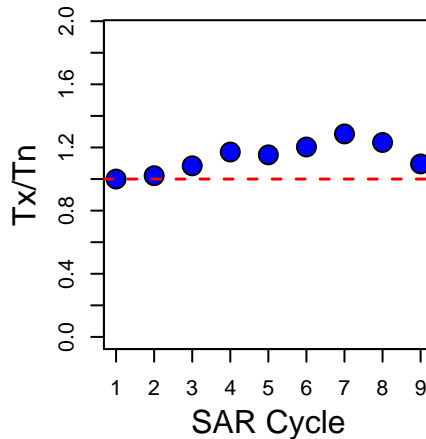
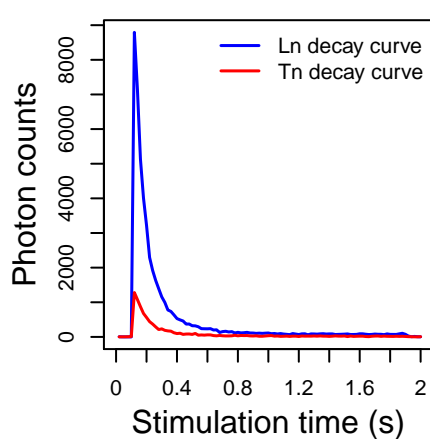
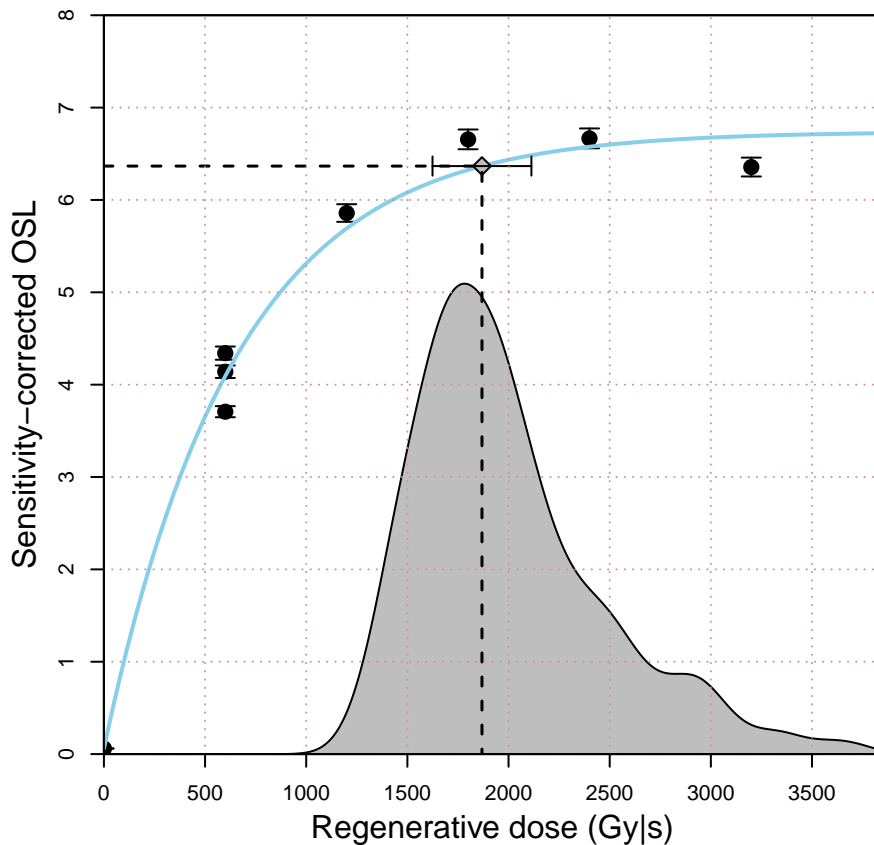
ED: 2160.8 +/- 548.45 (Gy/s)

RSE of ED: 25.38 (%)

95% interval: [1528.3, 3503.27]

68% interval: [1812.44, 2653.84]

Summary



ID: [NO=255, Position=5, Grain=55]

Status: OK

Tn: 4384 \pm 110.47

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 50.82 \pm 5.47

RSE of Tn: 2.52 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.85 \pm 0.04

Recycling ratio 2: 0.95 \pm 0.04

Recycling ratio 3: 1.12 \pm 0.05

Recuperation 1: 0.95 \pm 0.08 (%)

Recuperation 2: 0.9 \pm 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 19.57

Average error in fit: 0.09

Reduced Chi-Square: 6.52

Figure Of Merit: 4.26 (%)

calED method: Interpolation

MC acceptance-rate: 89.45 (%)

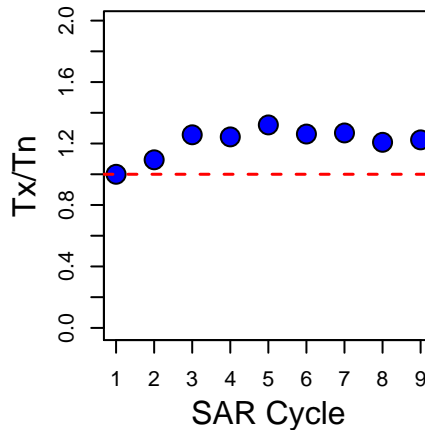
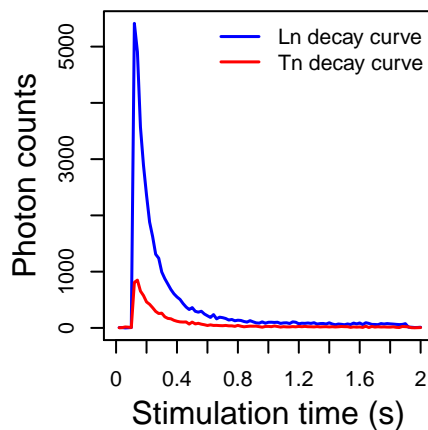
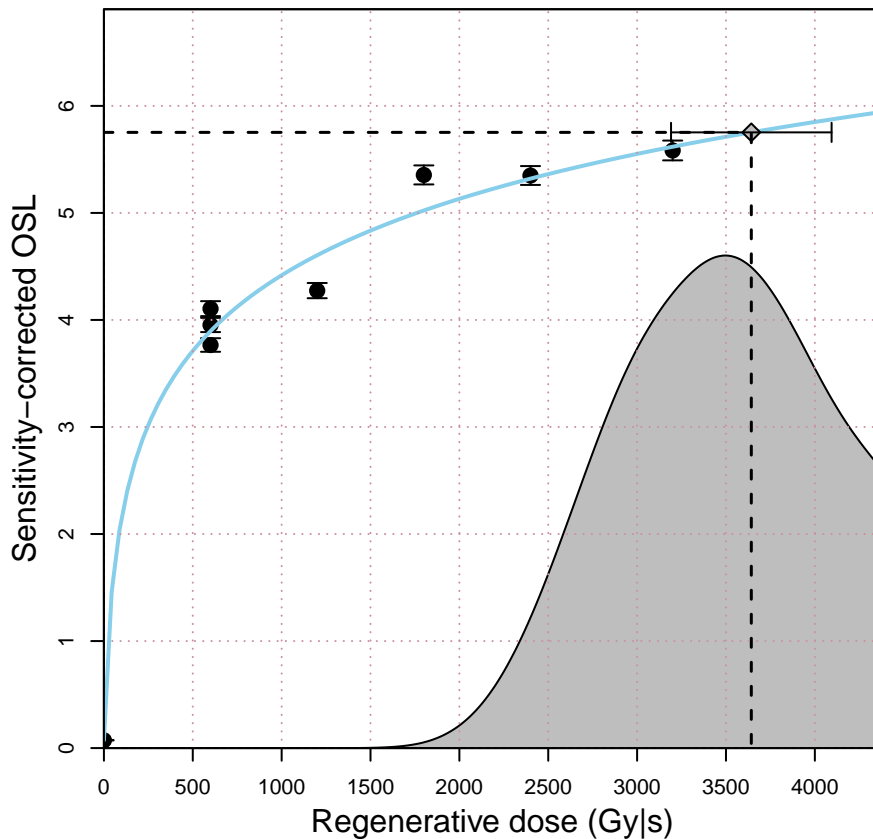
ED: 1868.66 \pm 488.87 (Gy/s)

RSE of ED: 26.16 (%)

95% interval: [1368.23, 3241.27]

68% interval: [1579.44, 2465.47]

Summary



ID: [NO=256, Position=5, Grain=56]

Status: OK

Tn: 3268 \pm 87.55

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 40.37 \pm 4.49

RSE of Tn: 2.68 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.96 \pm 0.05

Recycling ratio 3: 1.05 \pm 0.05

Recuperation 1: 1.27 \pm 0.1 (%)

Recuperation 2: 1.31 \pm 0.1 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.43

Average error in fit: 0.07

Reduced Chi-Square: 4.14

Figure Of Merit: 3.48 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

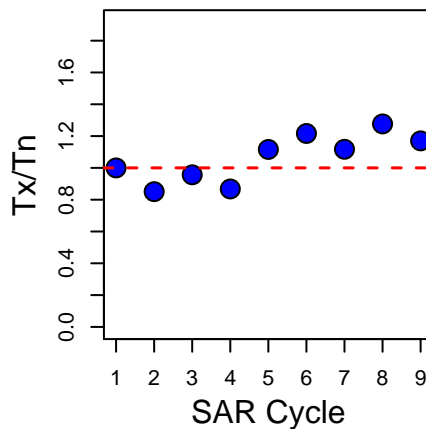
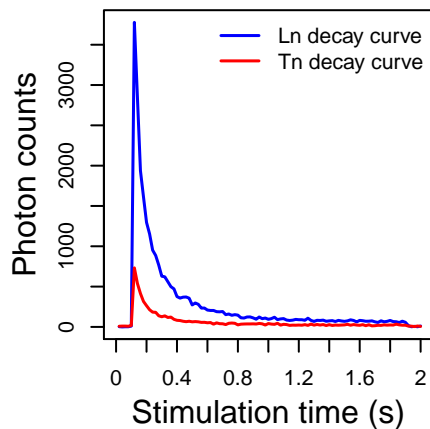
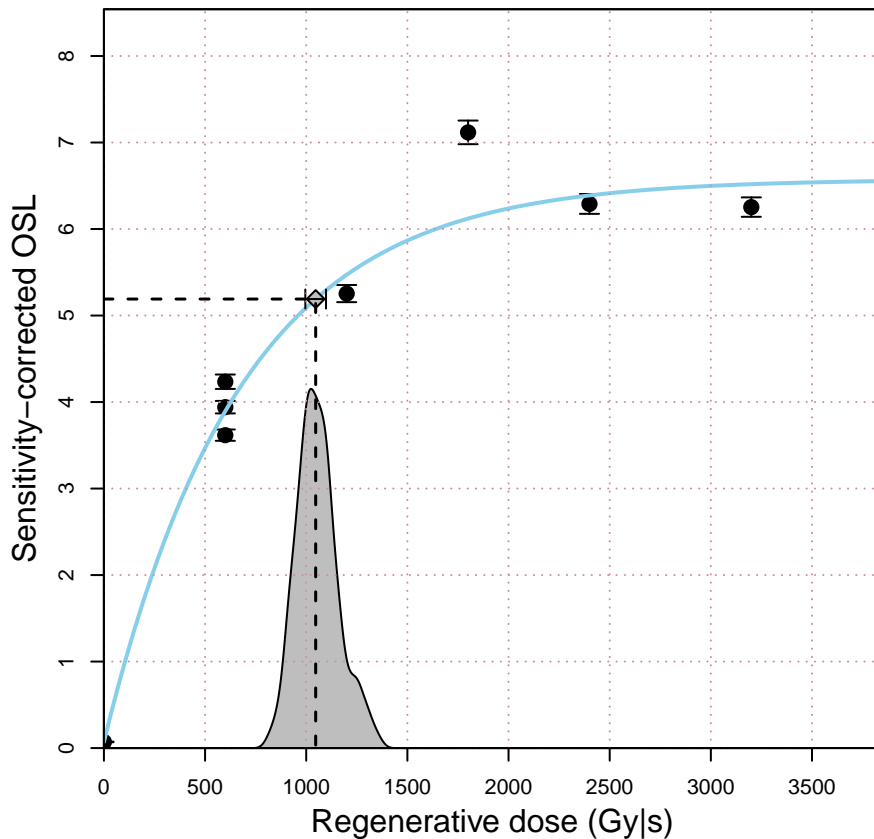
ED: 3642.51 \pm 903.34 (Gy/s)

RSE of ED: 24.8 (%)

95% interval: [2470.6, 5950.9]

68% interval: [2961.9, 4670.69]

Summary



ID: [NO=257, Position=5, Grain=57]

Status: OK

Tn: 2147 +/- 64.55

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 19.35 +/- 1.83

RSE of Tn: 3.01 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.85 +/- 0.05

Recycling ratio 2: 0.93 +/- 0.05

Recycling ratio 3: 1.09 +/- 0.06

Recuperation 1: 1.37 +/- 0.15 (%)

Recuperation 2: 1 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 24.92

Average error in fit: 0.14

Reduced Chi-Square: 8.31

Figure Of Merit: 6.18 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

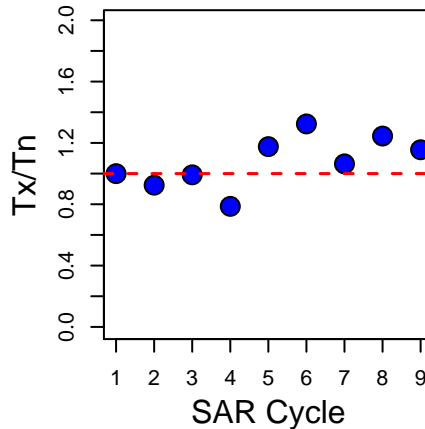
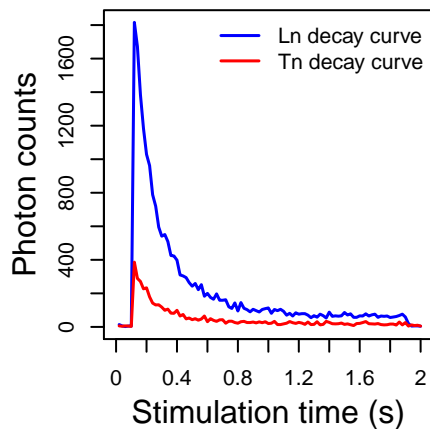
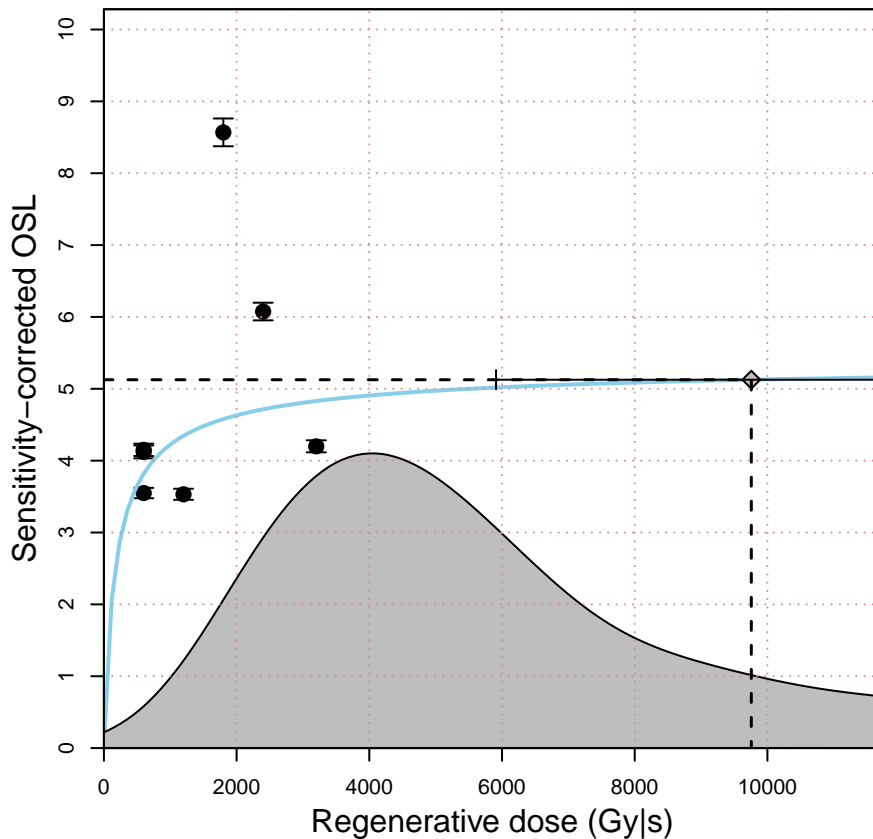
ED: 1046.73 +/- 102.21 (Gy/s)

RSE of ED: 9.76 (%)

95% interval: [876.94, 1291.52]

68% interval: [957.08, 1151.41]

Summary



ID: [NO=258, Position=5, Grain=58]

Status: OK

Tn: 1320.5 +/- 46.33

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 16.44 +/- 1.83

RSE of Tn: 3.51 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.86 +/- 0.05

Recycling ratio 2: 1.01 +/- 0.06

Recycling ratio 3: 1.17 +/- 0.07

Recuperation 1: 0.76 +/- 0.16 (%)

Recuperation 2: 0.45 +/- 0.1 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 189.32

Average error in fit: 0.55

Reduced Chi-Square: 63.11

Figure Of Merit: 25.69 (%)

calED method: Extrapolation

MC acceptance-rate: 66.4 (%)

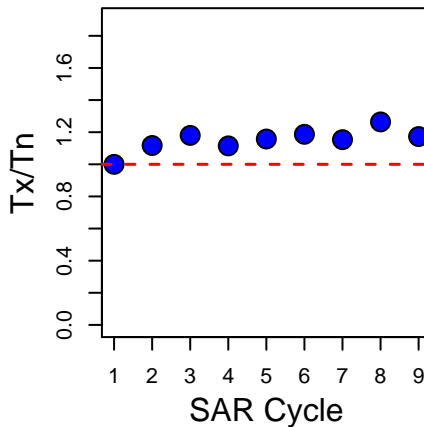
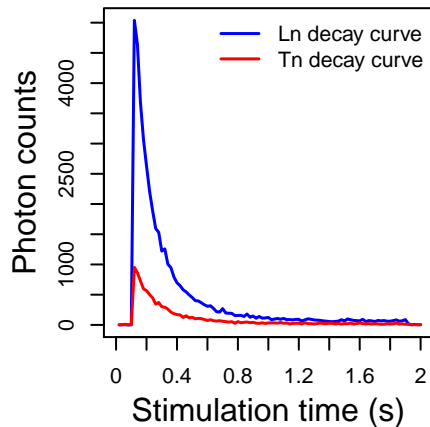
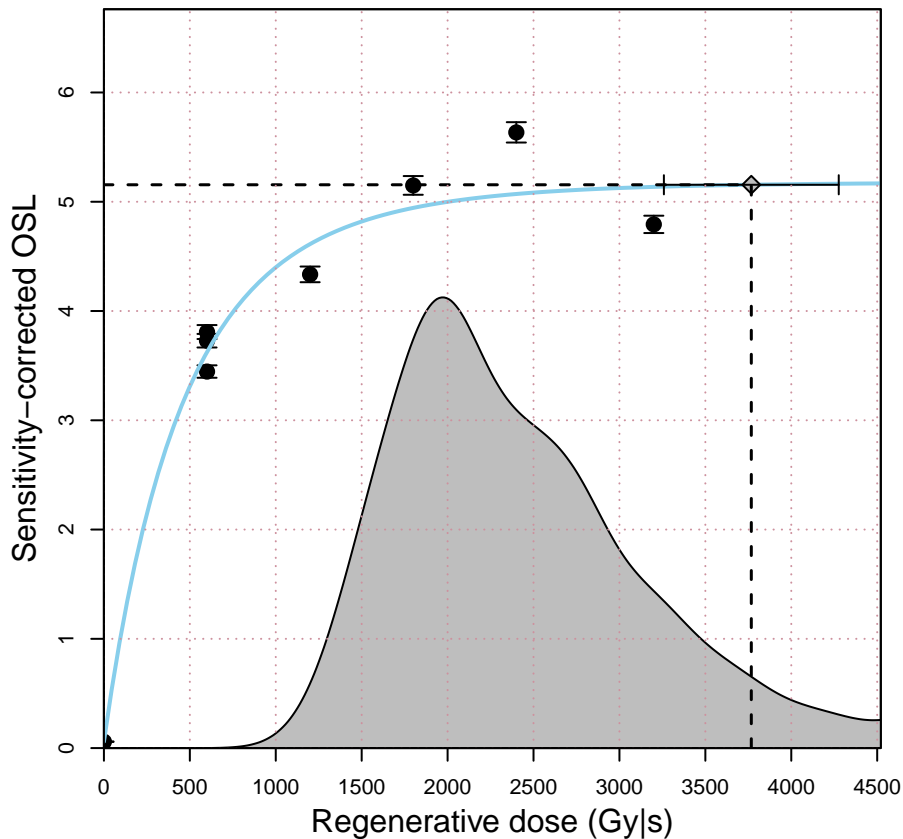
ED: 9757.19 +/- 7694.18 (Gy/s)

RSE of ED: 78.86 (%)

95% interval: [1815.72, 32388.98]

68% interval: [3042.12, 12048.69]

Summary



ID: [NO=259, Position=5, Grain=59]

Status: OK

Tn: 3627 \pm 94.92

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 46.34 \pm 5.24

RSE of Tn: 2.62 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.91 \pm 0.04

Recycling ratio 2: 0.98 \pm 0.05

Recycling ratio 3: 1.08 \pm 0.05

Recuperation 1: 1.14 \pm 0.1 (%)

Recuperation 2: 1.04 \pm 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 24.24

Average error in fit: 0.1

Reduced Chi-Square: 8.08

Figure Of Merit: 6.05 (%)

calED method: Extrapolation

MC acceptance-rate: 58.89 (%)

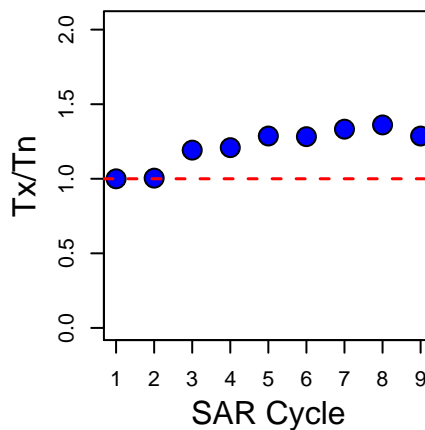
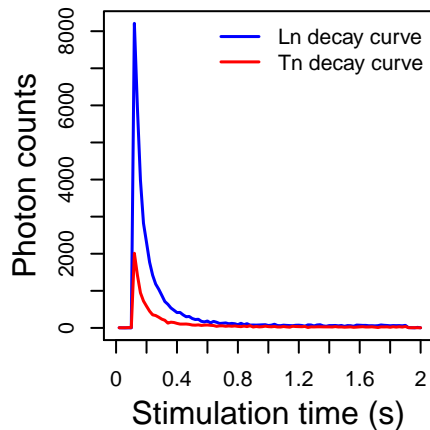
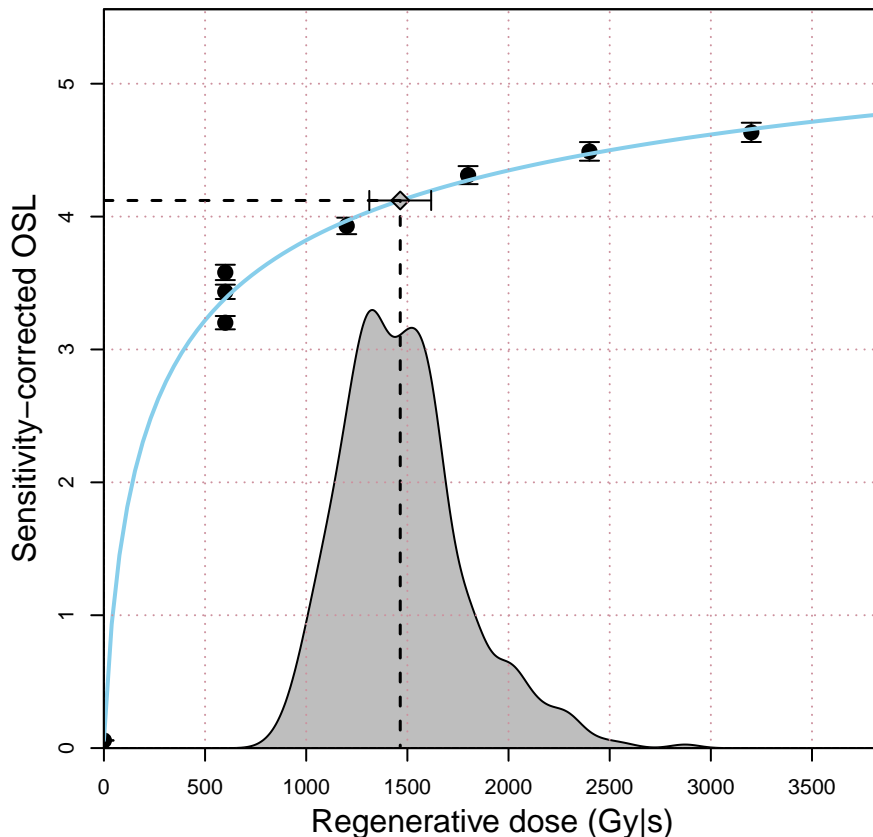
ED: 3767.45 \pm 1017.56 (Gy/s)

RSE of ED: 27.01 (%)

95% interval: [1410.73, 5655.79]

68% interval: [1744.67, 3266.53]

Summary



ID: [NO=260, Position=5, Grain=60]
=====

Status: OK
=====

Tn: 5563.5 +/- 134.67
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 44.64 +/- 4
RSE of Tn: 2.42 (%)
Fast ratio of Tn: NA +/- NA
=====

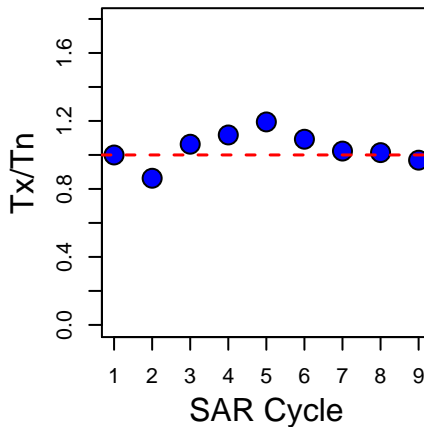
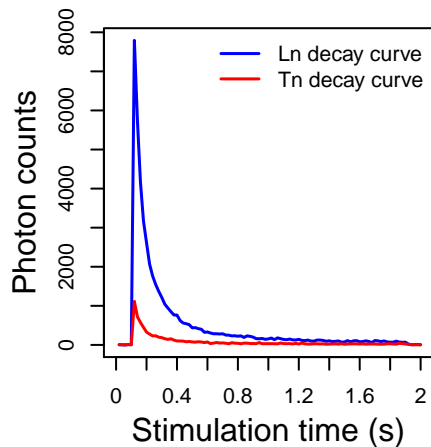
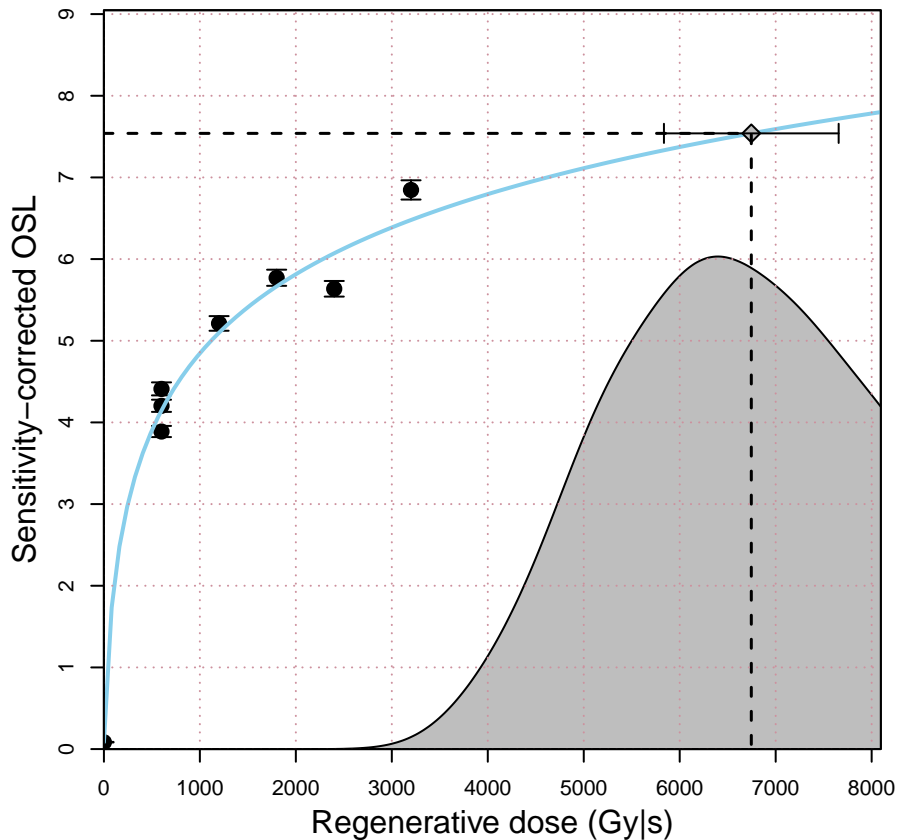
Recycling ratio 1: 0.89 +/- 0.04
Recycling ratio 2: 0.96 +/- 0.04
Recycling ratio 3: 1.07 +/- 0.05
=====

Recuperation 1: 1.4 +/- 0.1 (%)
Recuperation 2: 1.24 +/- 0.09 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 6.64
Average error in fit: 0.03
Reduced Chi-Square: 2.21
Figure Of Merit: 1.99 (%)
=====

calED method: Interpolation
MC acceptance-rate: 99.01 (%)
ED: 1464.72 +/- 305.75 (Gy/s)
RSE of ED: 20.87 (%)
95% interval: [995.15, 2229.63]
68% interval: [1193.01, 1749.28]

Summary



ID: [NO=261, Position=5, Grain=61]

Status: OK

Tn: 3062 \pm 83.66

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 25.69 \pm 2.35

RSE of Tn: 2.73 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.88 \pm 0.04

Recycling ratio 2: 0.95 \pm 0.05

Recycling ratio 3: 1.08 \pm 0.05

Recuperation 1: 1.12 \pm 0.1 (%)

Recuperation 2: 1.23 \pm 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 14.76

Average error in fit: 0.09

Reduced Chi-Square: 4.92

Figure Of Merit: 4.46 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

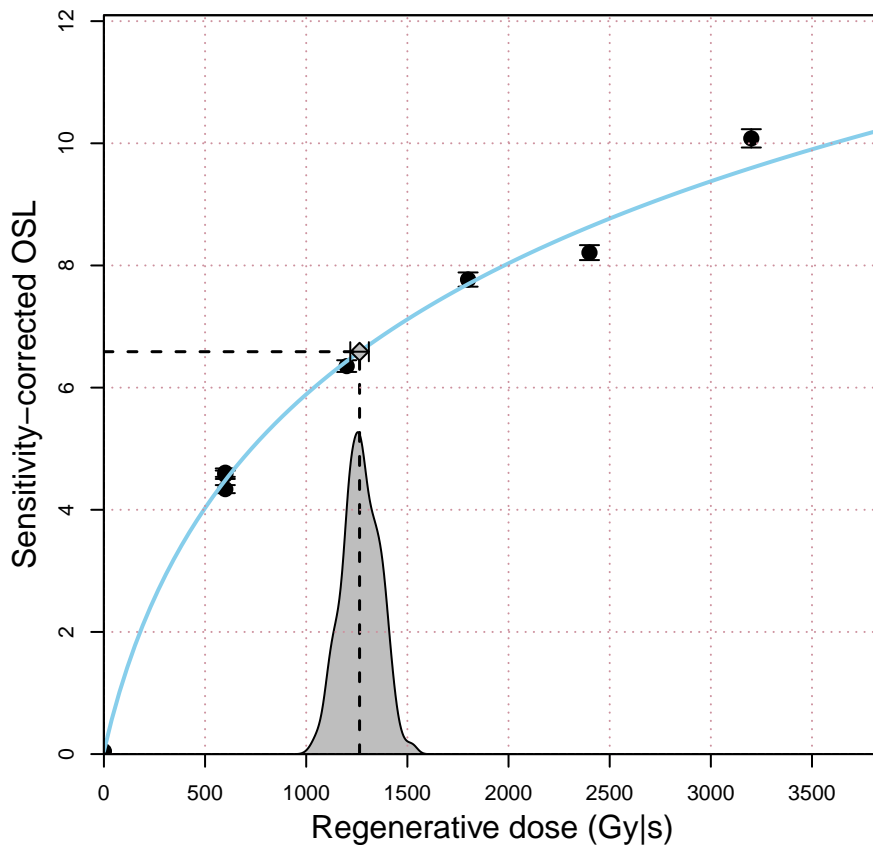
ED: 6746.06 \pm 1820.71 (Gy/s)

RSE of ED: 26.99 (%)

95% interval: [4307.72, 11386.16]

68% interval: [5320.33, 8782]

Summary



ID: [NO=262, Position=5, Grain=62]
=====

Status: OK
=====

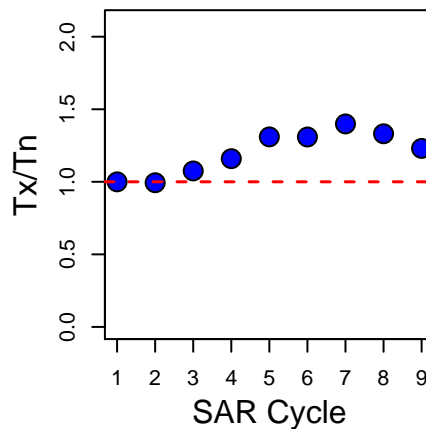
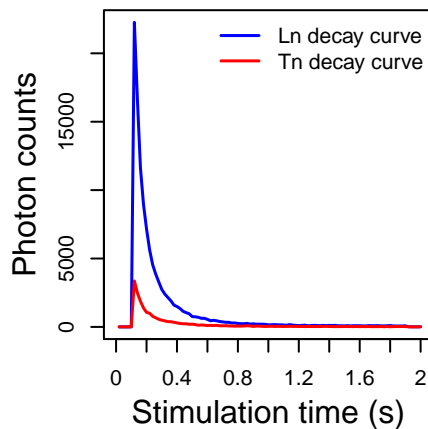
Tn: 10052.5 +/- 225.05
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 88.79 +/- 8.34
RSE of Tn: 2.24 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.06 +/- 0.05
Recycling ratio 2: 1.05 +/- 0.05
Recycling ratio 3: 0.99 +/- 0.04
=====

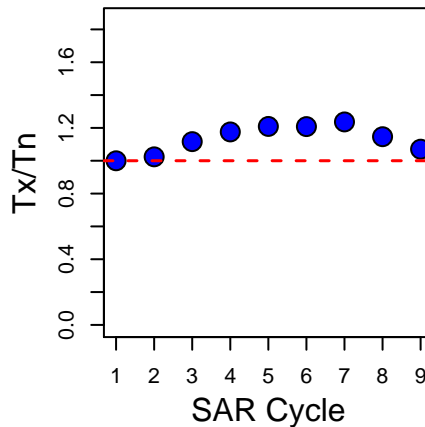
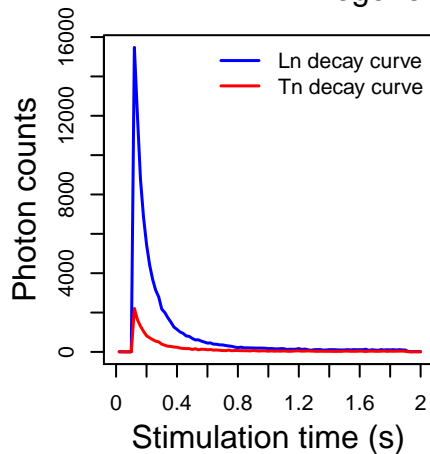
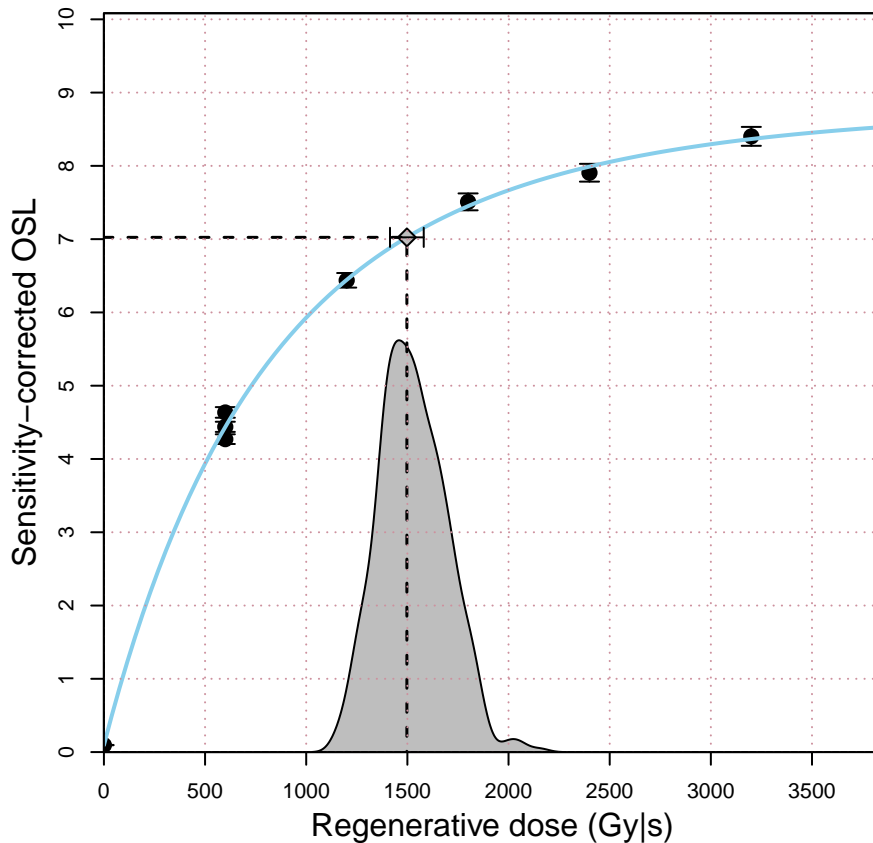
Recuperation 1: 0.71 +/- 0.04 (%)
Recuperation 2: 0.46 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 8.31
Average error in fit: 0.09
Reduced Chi-Square: 2.77
Figure Of Merit: 3.09 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1263.68 +/- 91.69 (Gy/s)
RSE of ED: 7.26 (%)
95% interval: [1095.91, 1436.5]
68% interval: [1180.31, 1366.65]



Summary



ID: [NO=263, Position=5, Grain=63]

Status: OK

Tn: 6850 \pm 160.89

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 39.7 \pm 3.02

RSE of Tn: 2.35 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.96 \pm 0.04

Recycling ratio 3: 1.04 \pm 0.05

Recuperation 1: 1.35 \pm 0.08 (%)

Recuperation 2: 1.13 \pm 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.65

Average error in fit: 0.04

Reduced Chi-Square: 1.22

Figure Of Merit: 1.26 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

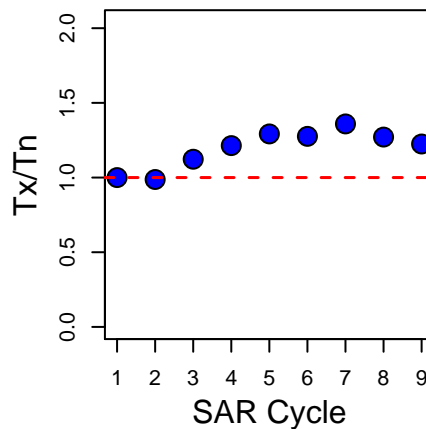
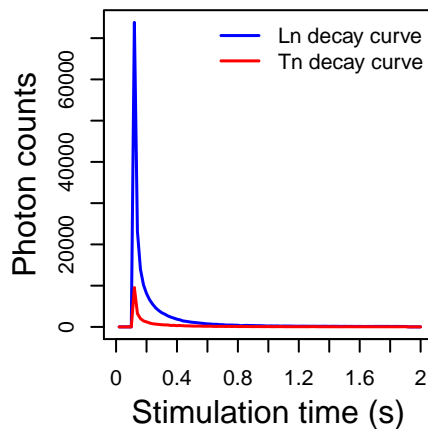
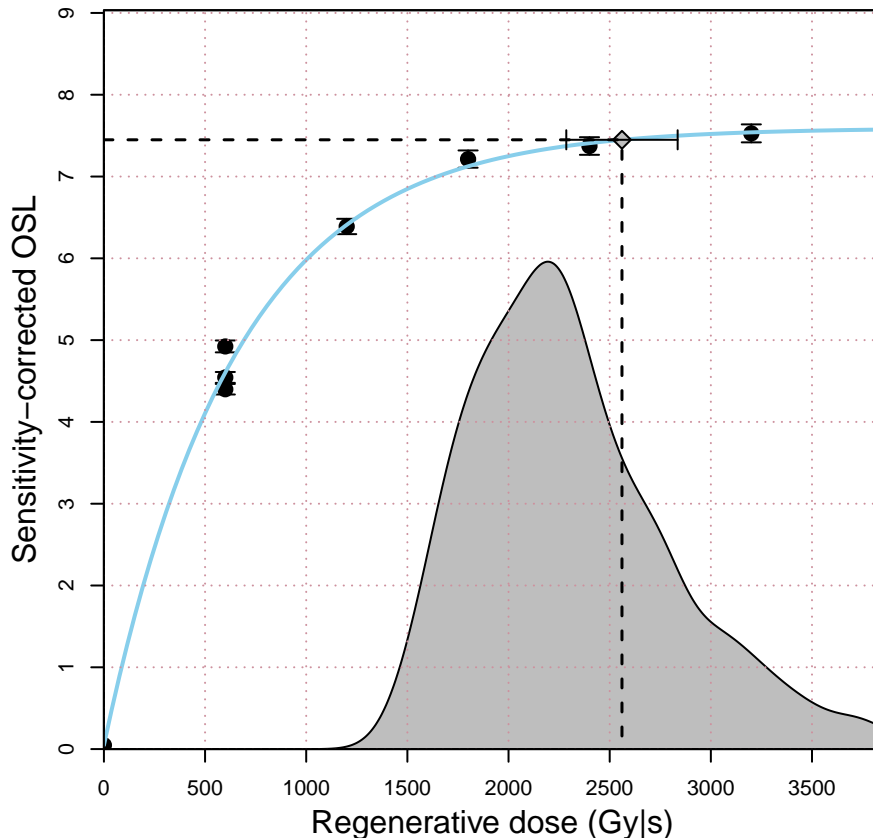
ED: 1497.5 \pm 166.71 (Gy/s)

RSE of ED: 11.13 (%)

95% interval: [1235.92, 1850.89]

68% interval: [1374.01, 1701.42]

Summary



ID: [NO=264, Position=5, Grain=64]

Status: OK

Tn: 17275.5 +/- 370.04

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 94.63 +/- 7

RSE of Tn: 2.14 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.04

Recuperation 1: 0.64 +/- 0.03 (%)

Recuperation 2: 0.64 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.76

Average error in fit: 0.05

Reduced Chi-Square: 2.59

Figure Of Merit: 1.75 (%)

calED method: Interpolation

MC acceptance-rate: 70.52 (%)

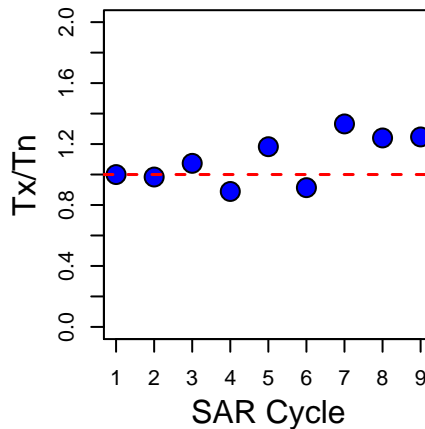
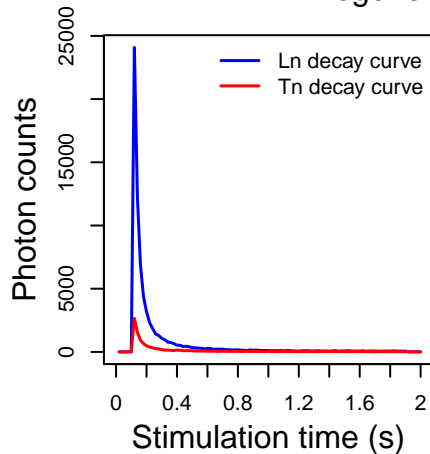
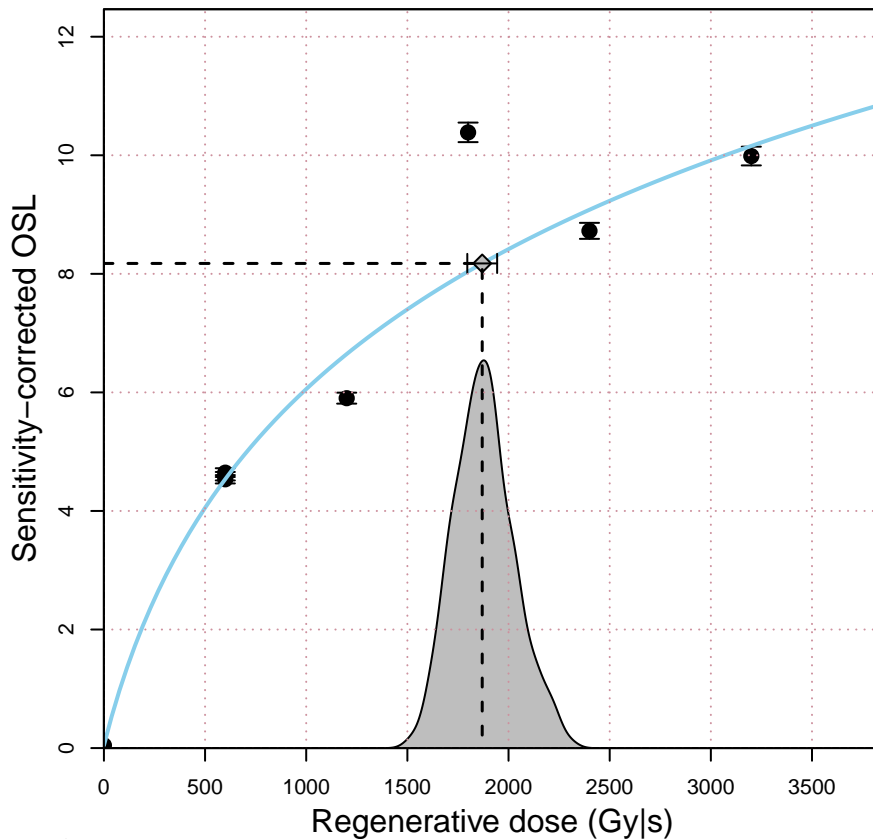
ED: 2560.7 +/- 550.5 (Gy/s)

RSE of ED: 21.5 (%)

95% interval: [1572.02, 3747.81]

68% interval: [1833.99, 2812.91]

Summary



ID: [NO=265, Position=5, Grain=65]

Status: OK

Tn: 6173.5 +/- 146.92

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 56.37 +/- 5.39

RSE of Tn: 2.38 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.98 +/- 0.04

Recycling ratio 2: 0.99 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.04

Recuperation 1: 0.57 +/- 0.04 (%)

Recuperation 2: 0.45 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 69.6

Average error in fit: 0.31

Reduced Chi-Square: 23.2

Figure Of Merit: 7.94 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

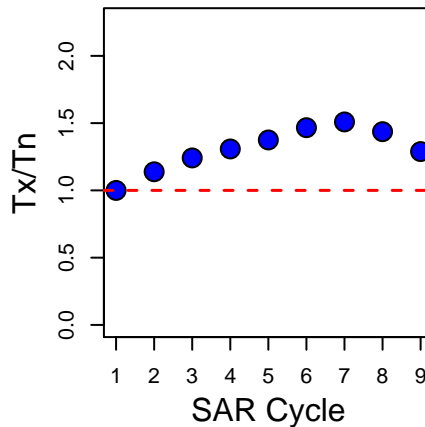
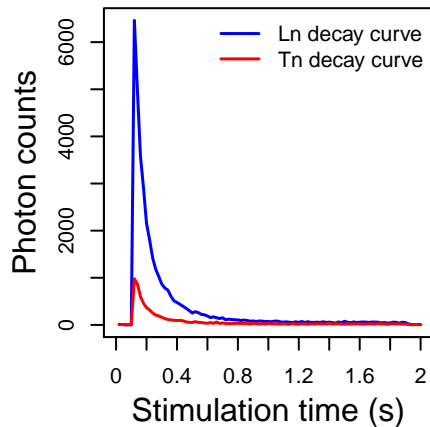
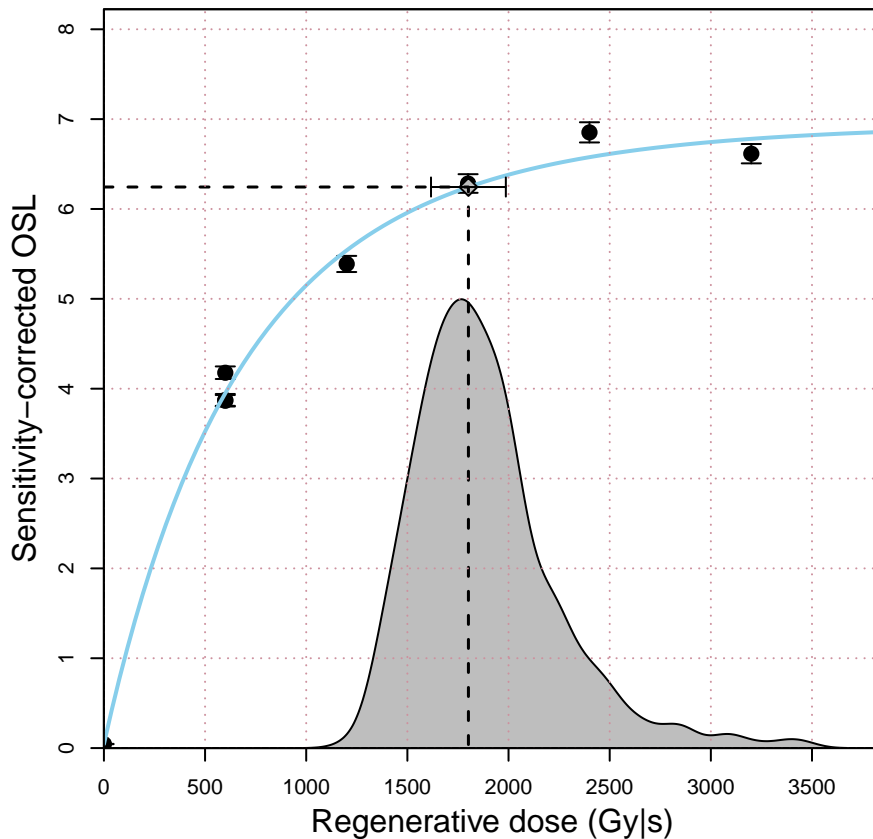
ED: 1869.92 +/- 147.45 (Gy/s)

RSE of ED: 7.89 (%)

95% interval: [1615.72, 2201.13]

68% interval: [1729.18, 2026.88]

Summary



ID: [NO=266, Position=5, Grain=66]

Status: OK

Tn: 3177 +/- 85.82

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.46 +/- 3.28

RSE of Tn: 2.7 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1 +/- 0.05

Recycling ratio 2: 1.08 +/- 0.05

Recycling ratio 3: 1.08 +/- 0.05

Recuperation 1: 0.72 +/- 0.07 (%)

Recuperation 2: 0.65 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.26

Average error in fit: 0.05

Reduced Chi-Square: 2.09

Figure Of Merit: 2.76 (%)

calED method: Interpolation

MC acceptance-rate: 99.01 (%)

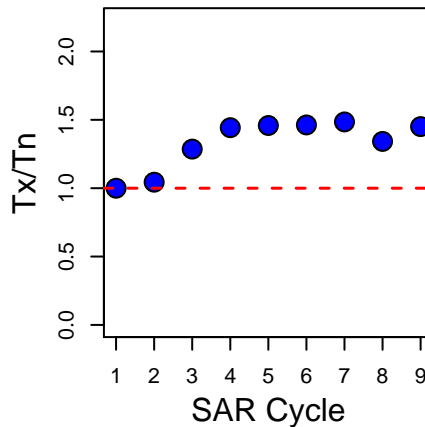
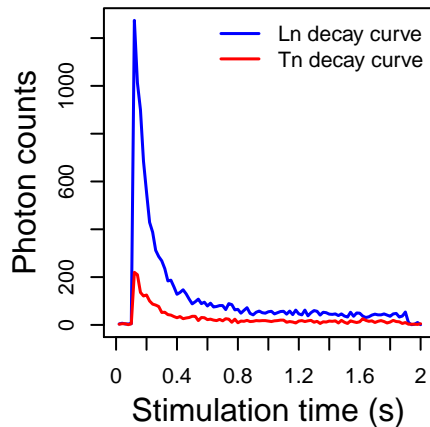
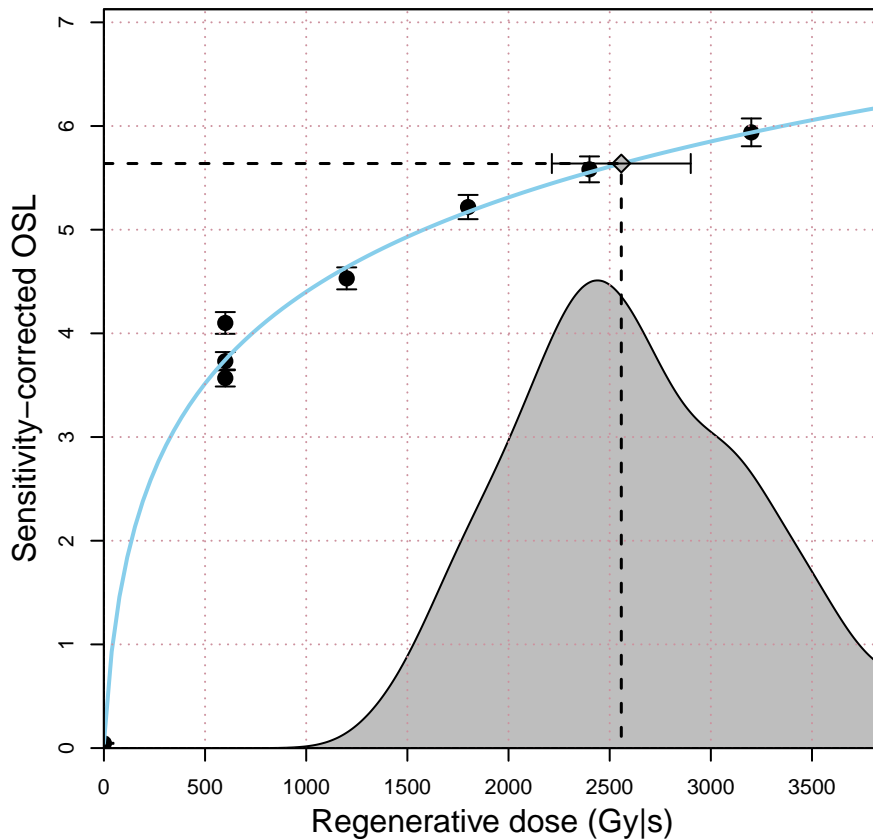
ED: 1801.75 +/- 369.84 (Gy/s)

RSE of ED: 20.53 (%)

95% interval: [1382.05, 2818.78]

68% interval: [1564.3, 2192.52]

Summary



ID: [NO=267, Position=5, Grain=67]
=====

Status: OK
=====

Tn: 747.5 +/- 32.68
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 12.59 +/- 1.63
RSE of Tn: 4.37 (%)
Fast ratio of Tn: NA +/- NA
=====

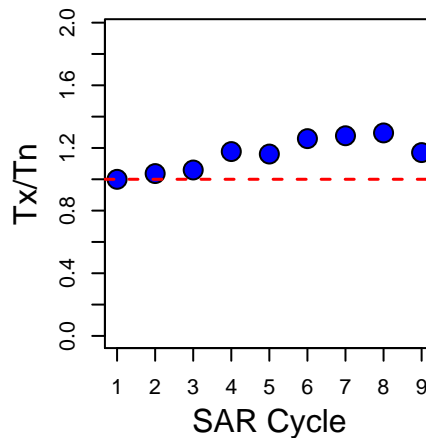
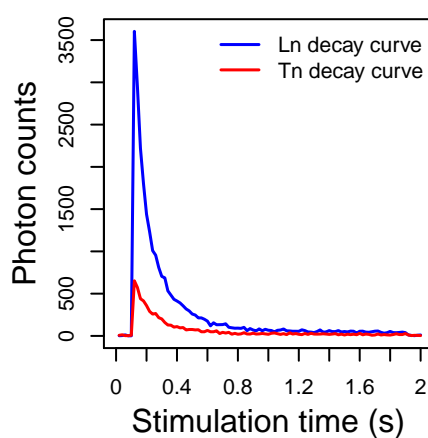
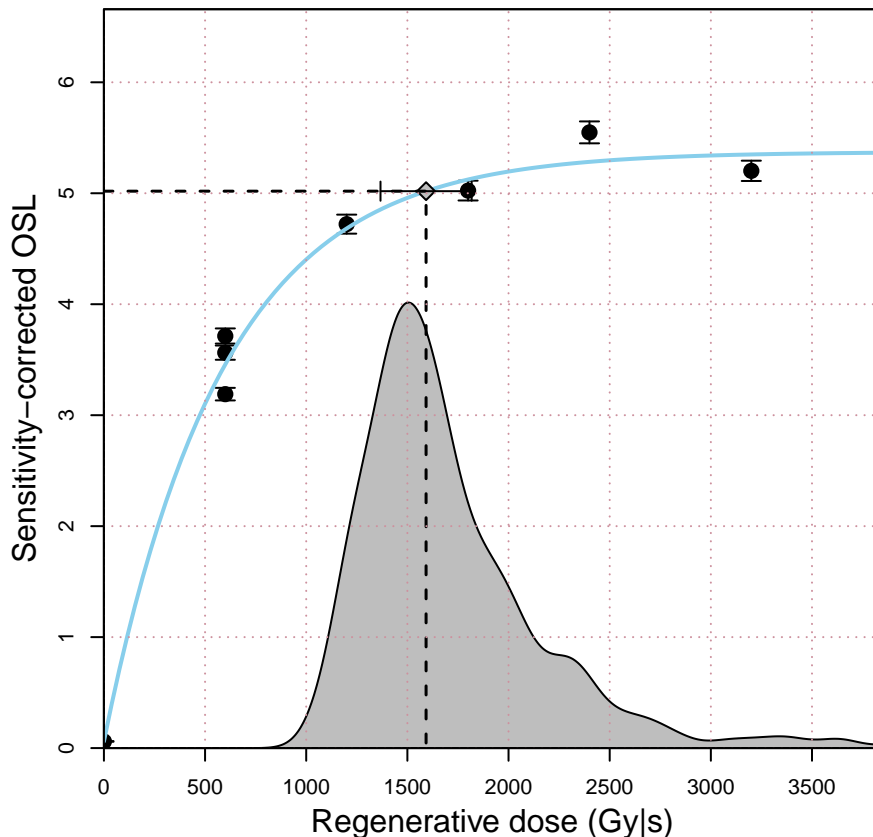
Recycling ratio 1: 0.91 +/- 0.06
Recycling ratio 2: 0.87 +/- 0.06
Recycling ratio 3: 0.96 +/- 0.06
=====

Recuperation 1: 0.81 +/- 0.17 (%)
Recuperation 2: 0.77 +/- 0.16 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 4.34
Average error in fit: 0.05
Reduced Chi-Square: 1.45
Figure Of Merit: 2.24 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 2557.42 +/- 686.54 (Gy/s)
RSE of ED: 26.84 (%)
95% interval: [1602.57, 4204.48]
68% interval: [2024.81, 3363.32]

Summary



ID: [NO=270, Position=5, Grain=70]

Status: OK

Tn: 2351.5 \pm 68.51

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.18 \pm 3.08

RSE of Tn: 2.91 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.86 \pm 0.04

Recycling ratio 2: 0.96 \pm 0.05

Recycling ratio 3: 1.12 \pm 0.06

Recuperation 1: 1.2 \pm 0.13 (%)

Recuperation 2: 1.08 \pm 0.12 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.64

Average error in fit: 0.06

Reduced Chi-Square: 4.21

Figure Of Merit: 3.83 (%)

calED method: Interpolation

MC acceptance-rate: 96.9 (%)

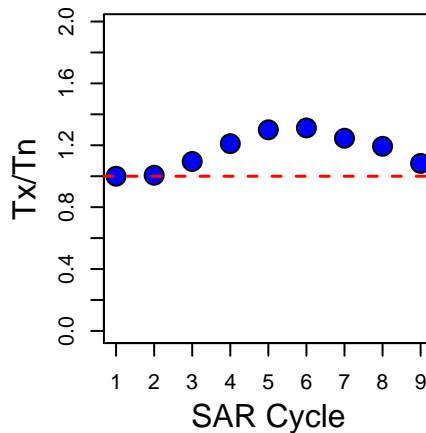
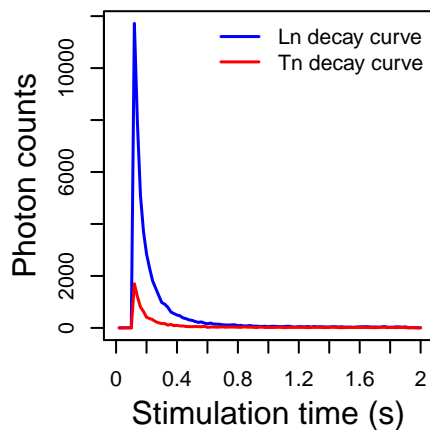
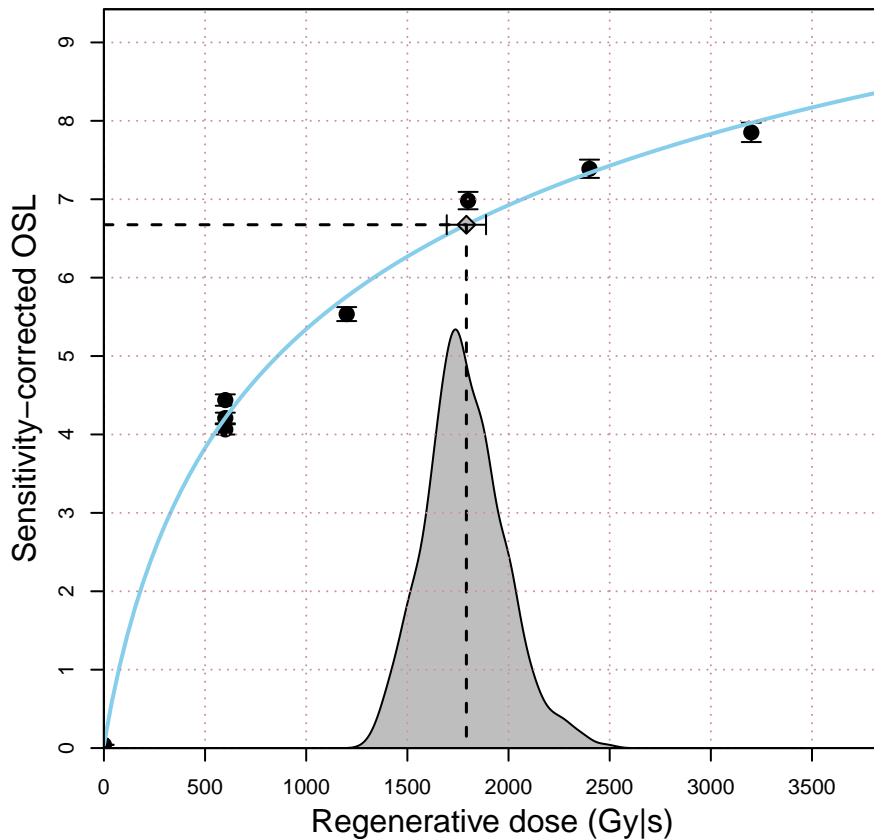
ED: 1592.42 \pm 450.51 (Gy/s)

RSE of ED: 28.29 (%)

95% interval: [1156.79, 2863.83]

68% interval: [1332.64, 2078.62]

Summary



ID: [NO=271, Position=5, Grain=71]

Status: OK

Tn: 4661 +/- 116.09

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 56.49 +/- 6.22

RSE of Tn: 2.49 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 0.63 +/- 0.05 (%)

Recuperation 2: 0.54 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.39

Average error in fit: 0.06

Reduced Chi-Square: 2.46

Figure Of Merit: 2.65 (%)

calED method: Interpolation

MC acceptance-rate: 97.47 (%)

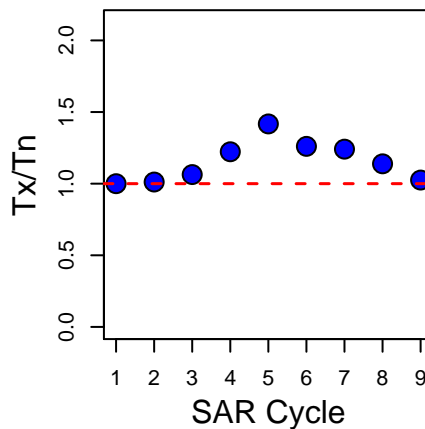
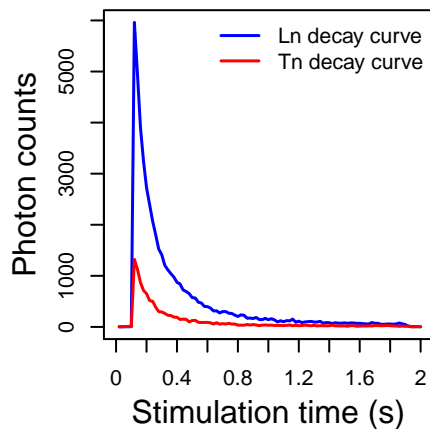
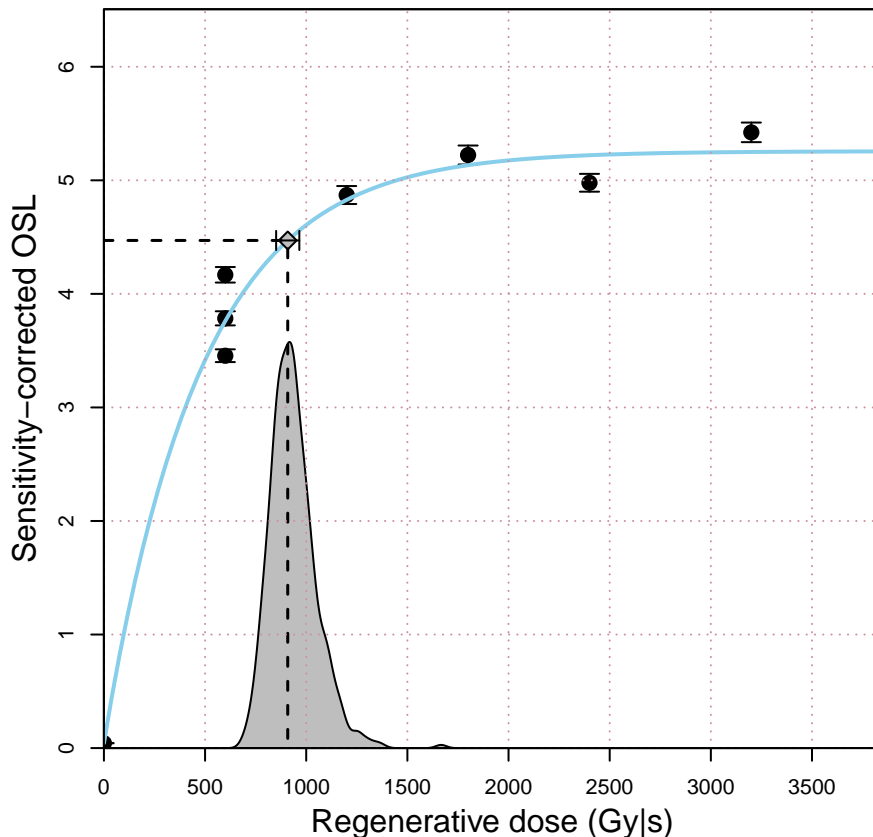
ED: 1791.74 +/- 194.19 (Gy/s)

RSE of ED: 10.84 (%)

95% interval: [1431.4, 2203.59]

68% interval: [1598.44, 1977.18]

Summary



ID: [NO=272, Position=5, Grain=72]

Status: OK

Tn: 4592 \pm 114.8

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 46.47 \pm 4.67

RSE of Tn: 2.5 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.83 \pm 0.04

Recycling ratio 2: 0.91 \pm 0.04

Recycling ratio 3: 1.1 \pm 0.05

Recuperation 1: 0.97 \pm 0.09 (%)

Recuperation 2: 0.8 \pm 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 20.08

Average error in fit: 0.07

Reduced Chi-Square: 6.69

Figure Of Merit: 4.04 (%)

calED method: Interpolation

MC acceptance-rate: 99.6 (%)

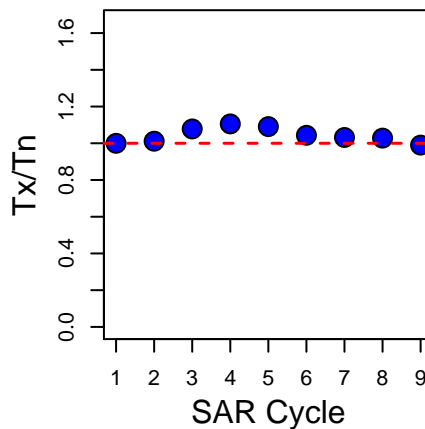
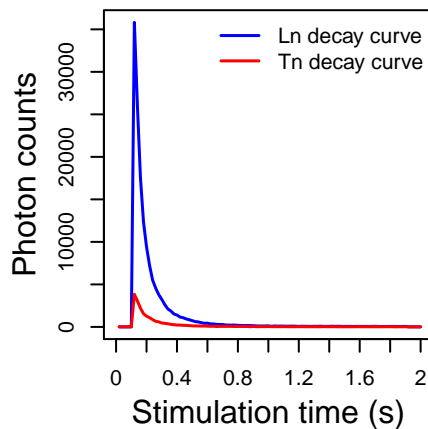
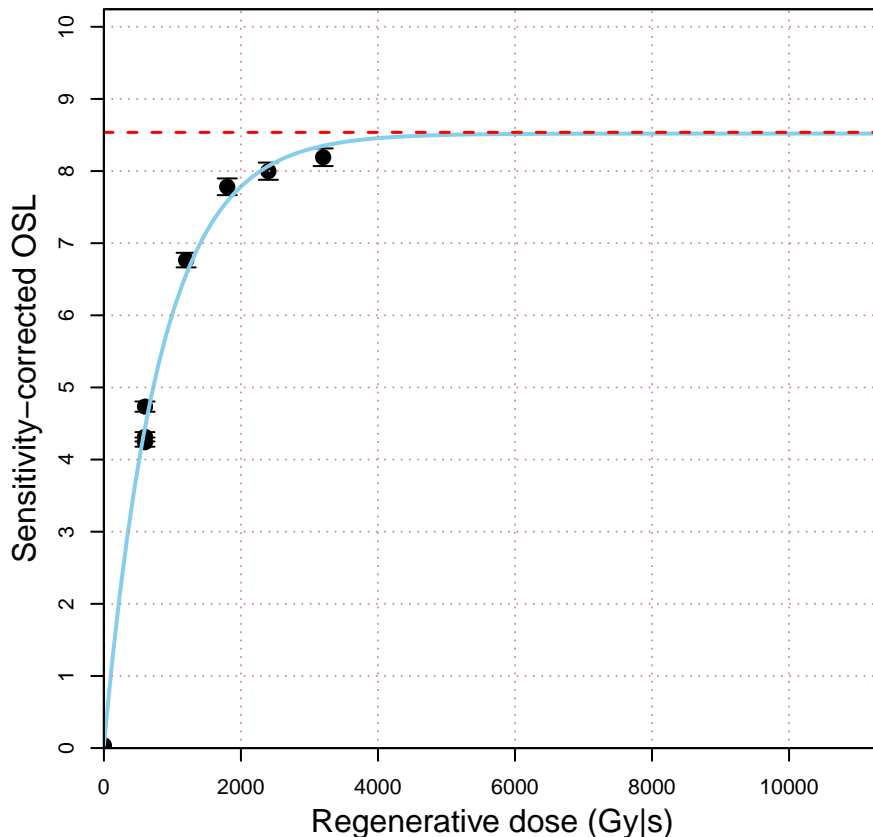
ED: 908.59 \pm 114.65 (Gy/s)

RSE of ED: 12.62 (%)

95% interval: [757.49, 1187.65]

68% interval: [832.56, 1036.38]

Summary



ID: [NO=273, Position=5, Grain=73]
=====

Status: Ln/Tn saturated
=====

Tn: 11818.5 +/- 260.43
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 134.54 +/- 14.35
RSE of Tn: 2.2 (%)
Fast ratio of Tn: NA +/- NA
=====

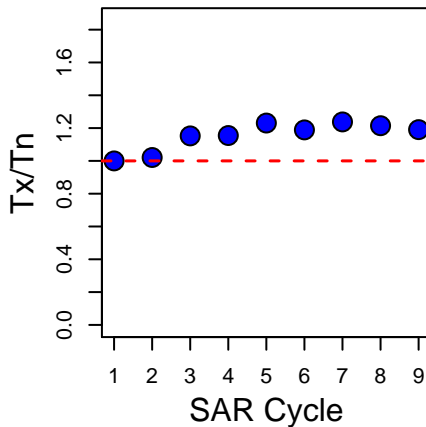
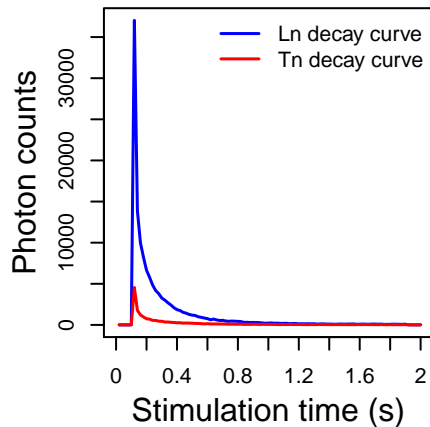
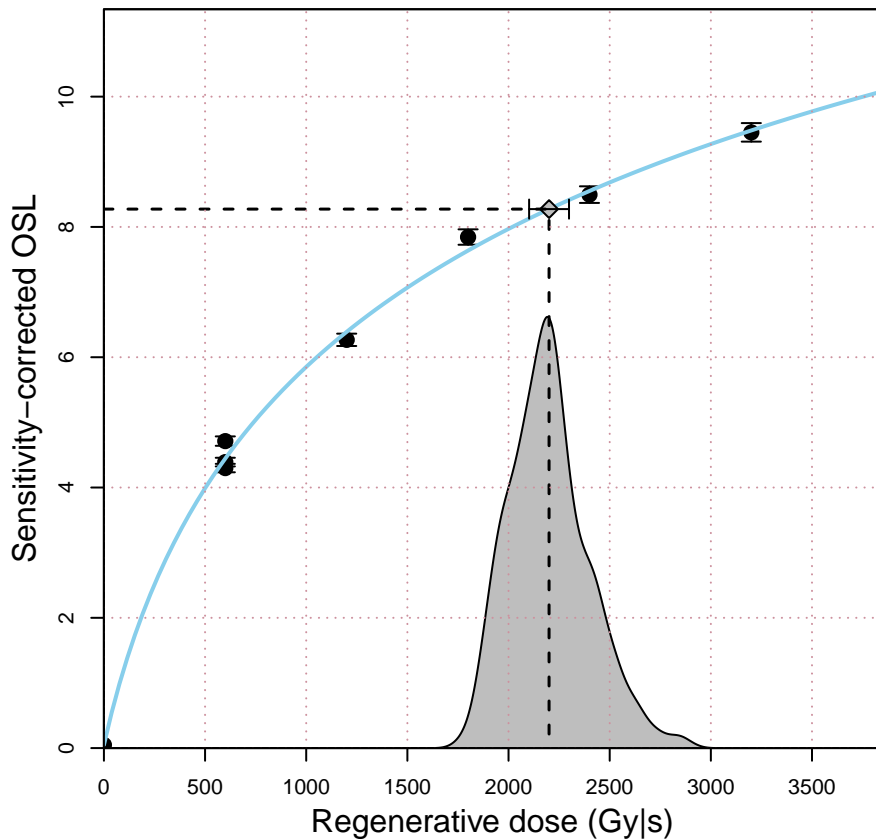
Recycling ratio 1: 0.9 +/- 0.04
Recycling ratio 2: 0.91 +/- 0.04
Recycling ratio 3: 1.02 +/- 0.04
=====

Recuperation 1: 0.45 +/- 0.03 (%)
Recuperation 2: 0.47 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 9.95
Average error in fit: 0.06
Reduced Chi-Square: 3.32
Figure Of Merit: 2.86 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=274, Position=5, Grain=74]
=====

Status: OK
=====

Tn: 9104 +/- 206.06
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 68.44 +/- 5.93
RSE of Tn: 2.26 (%)
Fast ratio of Tn: NA +/- NA
=====

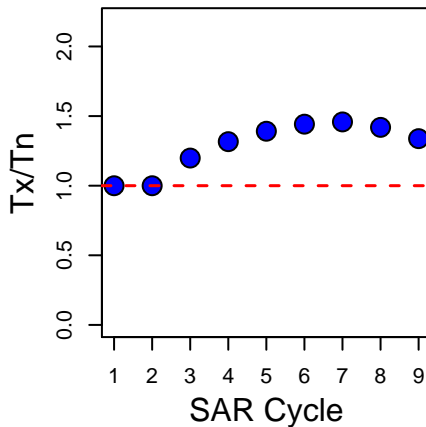
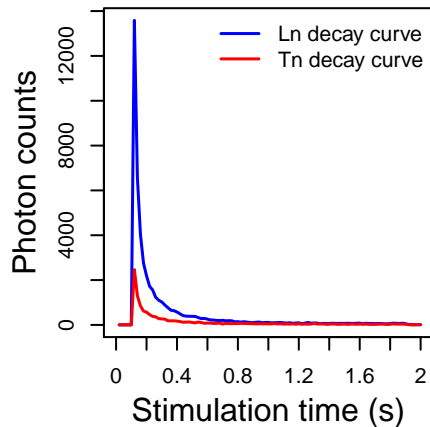
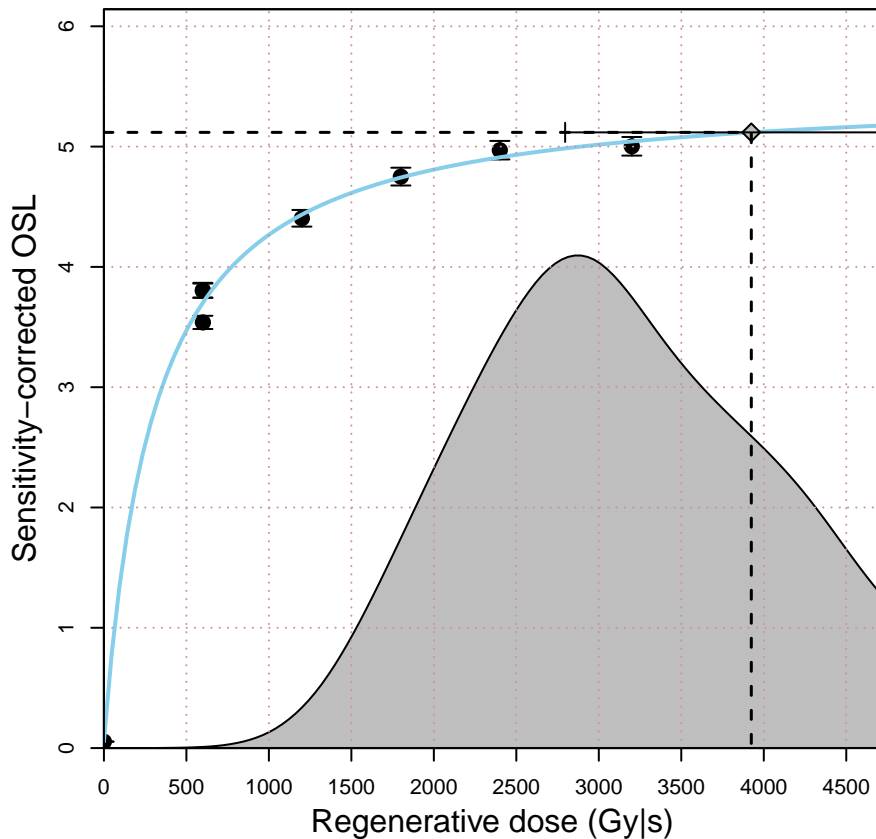
Recycling ratio 1: 0.91 +/- 0.04
Recycling ratio 2: 0.93 +/- 0.04
Recycling ratio 3: 1.02 +/- 0.04
=====

Recuperation 1: 0.59 +/- 0.04 (%)
Recuperation 2: 0.52 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 6.15
Average error in fit: 0.05
Reduced Chi-Square: 2.05
Figure Of Merit: 1.95 (%)
=====

calED method: Interpolation
MC acceptance-rate: 97.28 (%)
ED: 2200.34 +/- 197.23 (Gy/s)
RSE of ED: 8.96 (%)
95% interval: [1875.45, 2635.24]
68% interval: [2002.46, 2406.99]

Summary



ID: [NO=275, Position=5, Grain=75]
=====

Status: OK
=====

Tn: 5630 +/- 136.22
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 35.12 +/- 2.77
RSE of Tn: 2.42 (%)
Fast ratio of Tn: NA +/- NA
=====

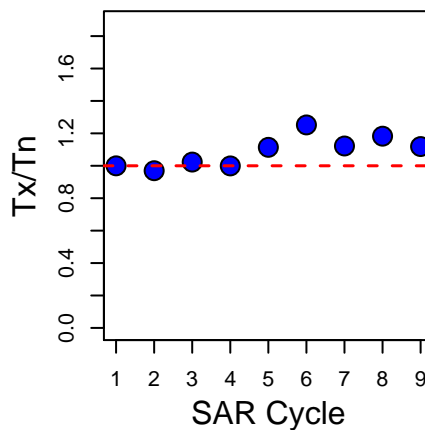
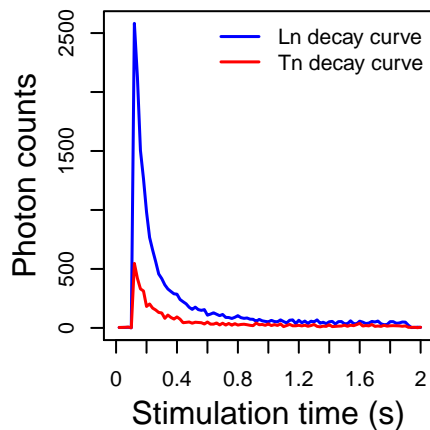
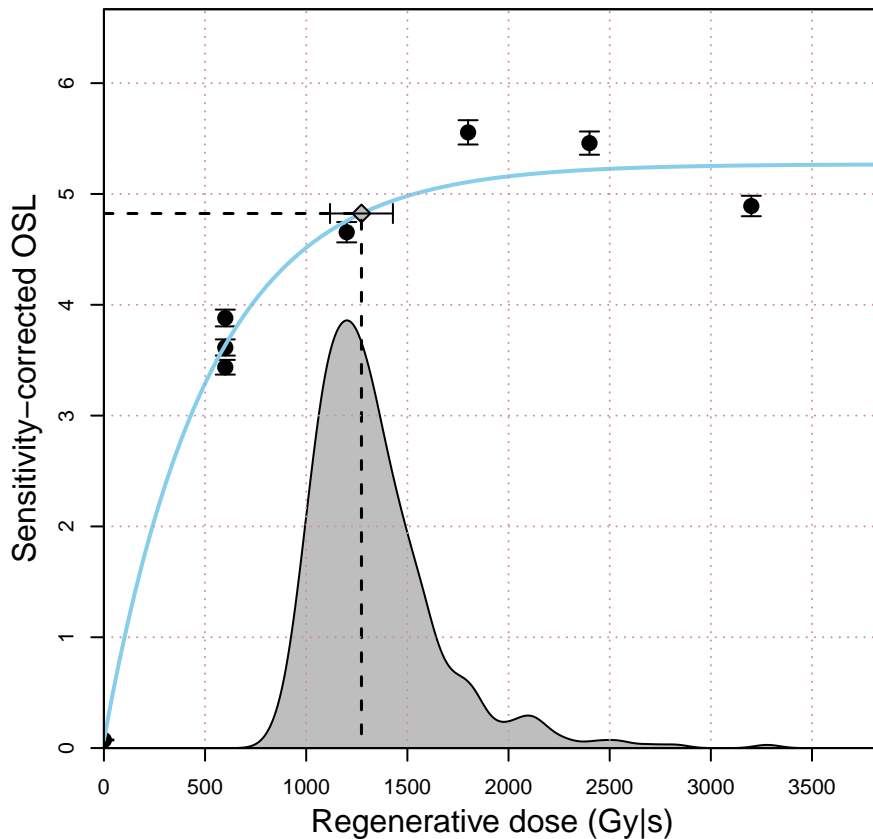
Recycling ratio 1: 0.93 +/- 0.04
Recycling ratio 2: 1 +/- 0.04
Recycling ratio 3: 1.07 +/- 0.05
=====

Recuperation 1: 1.05 +/- 0.08 (%)
Recuperation 2: 1.08 +/- 0.08 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3.91
Average error in fit: 0.03
Reduced Chi-Square: 1.3
Figure Of Merit: 1.67 (%)
=====

calED method: Extrapolation
MC acceptance-rate: 74.52 (%)
ED: 3924.46 +/- 2257.14 (Gy/s)
RSE of ED: 57.51 (%)
95% interval: [1712.95, 10565.87]
68% interval: [2345.73, 5243.01]

Summary



ID: [NO=276, Position=5, Grain=76]

Status: OK

Tn: 1708.5 \pm 54.8

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.22 \pm 2.36

RSE of Tn: 3.21 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.95 \pm 0.05

Recycling ratio 2: 1.07 \pm 0.06

Recycling ratio 3: 1.13 \pm 0.06

Recuperation 1: 1.52 \pm 0.19 (%)

Recuperation 2: 1.32 \pm 0.16 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 14.66

Average error in fit: 0.09

Reduced Chi-Square: 4.89

Figure Of Merit: 5.19 (%)

calED method: Interpolation

MC acceptance-rate: 94.88 (%)

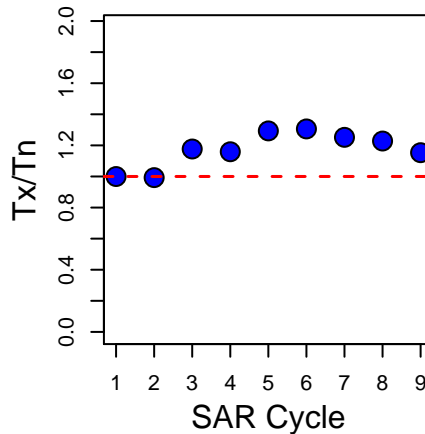
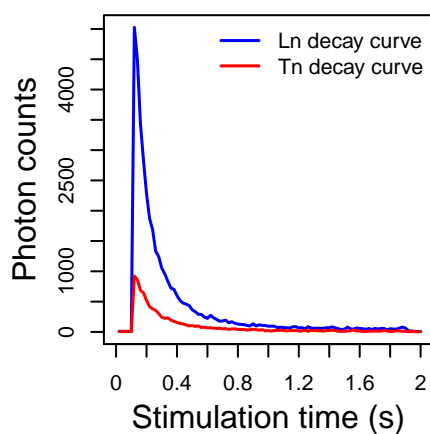
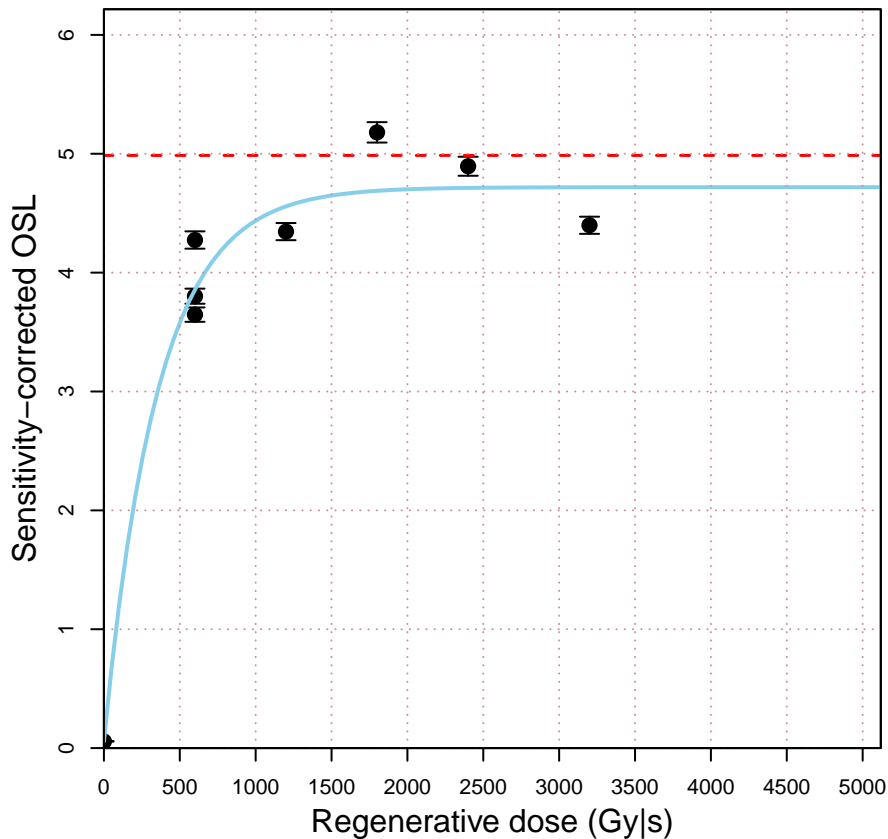
ED: 1273.03 \pm 310.75 (Gy/s)

RSE of ED: 24.41 (%)

95% interval: [949.01, 2132.63]

68% interval: [1080.85, 1574.23]

Summary



ID: [NO=277, Position=5, Grain=77]

Status: Ln/Tn saturated

Tn: 3567 +/- 93.57

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 55.05 +/- 6.84

RSE of Tn: 2.62 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.85 +/- 0.04

Recycling ratio 2: 0.89 +/- 0.04

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 1.14 +/- 0.1 (%)

Recuperation 2: 1.09 +/- 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 28.05

Average error in fit: 0.1

Reduced Chi-Square: 9.35

Figure Of Merit: 6.23 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

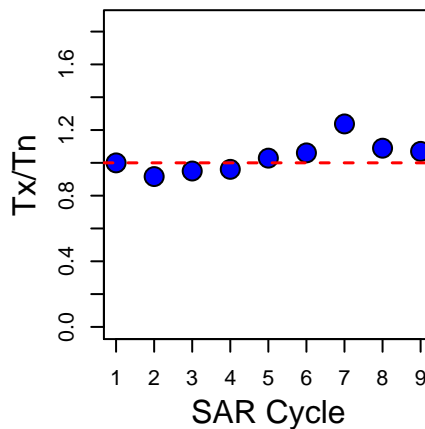
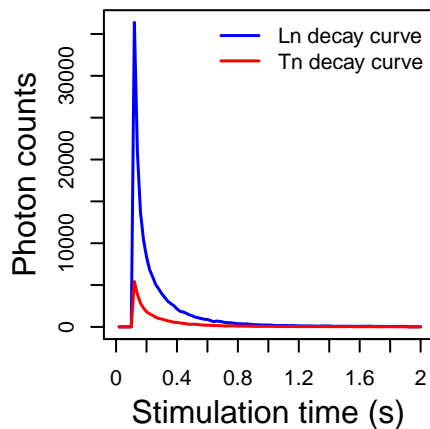
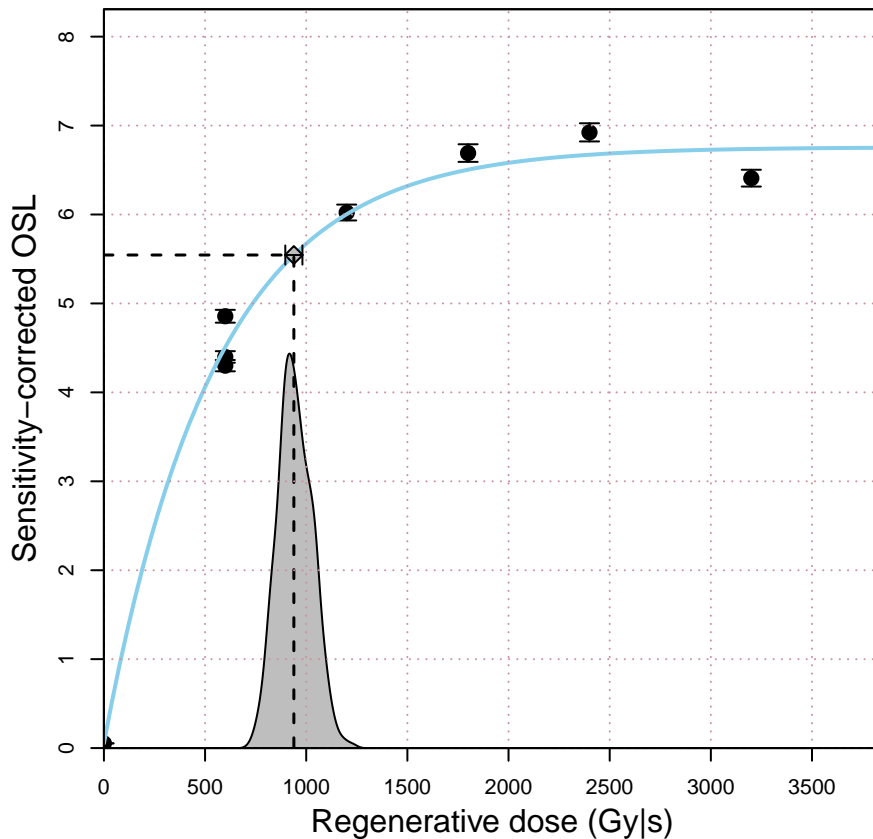
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=278, Position=5, Grain=78]

Status: OK

Tn: 16138.5 +/- 347.08

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 168.24 +/- 17.18

RSE of Tn: 2.15 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 1.02 +/- 0.04

Recuperation 1: 0.96 +/- 0.05 (%)

Recuperation 2: 0.77 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 14.65

Average error in fit: 0.08

Reduced Chi-Square: 4.88

Figure Of Merit: 3.68 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

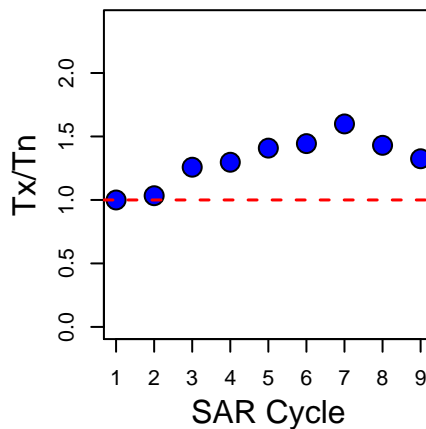
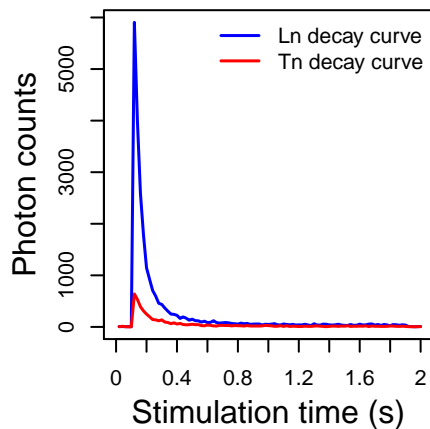
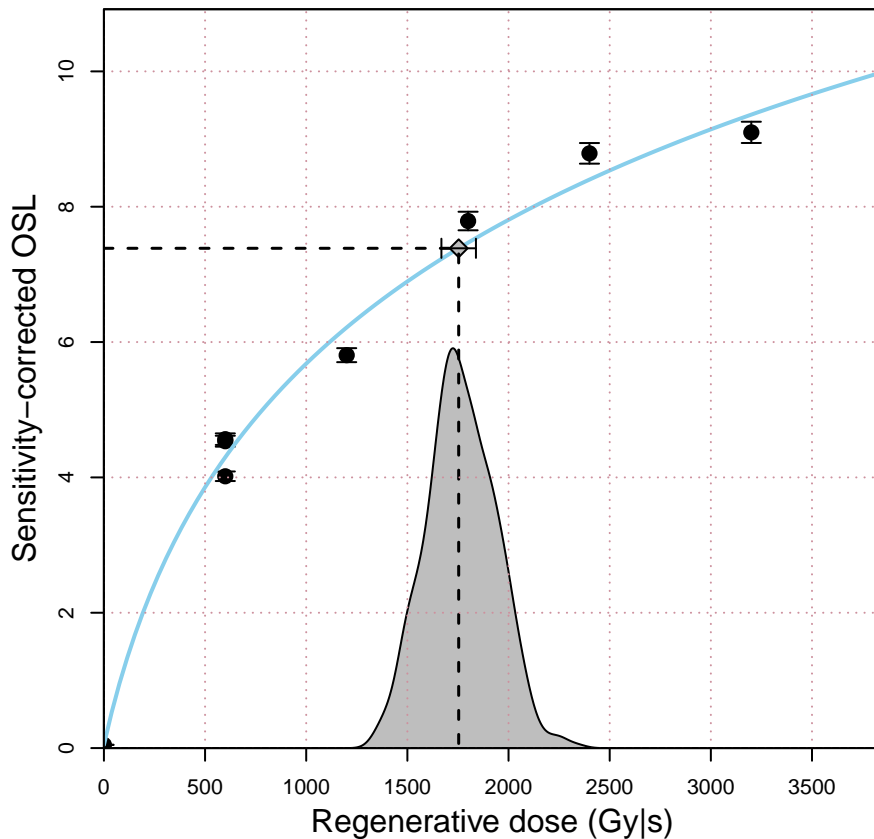
ED: 938.9 +/- 84.69 (Gy/s)

RSE of ED: 9.02 (%)

95% interval: [794.08, 1107.61]

68% interval: [862.87, 1035.83]

Summary



ID: [NO=279, Position=5, Grain=79]
=====

Status: OK
=====

Tn: 2060.5 +/- 62.04
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 35.06 +/- 4.57
RSE of Tn: 3.01 (%)
Fast ratio of Tn: NA +/- NA
=====

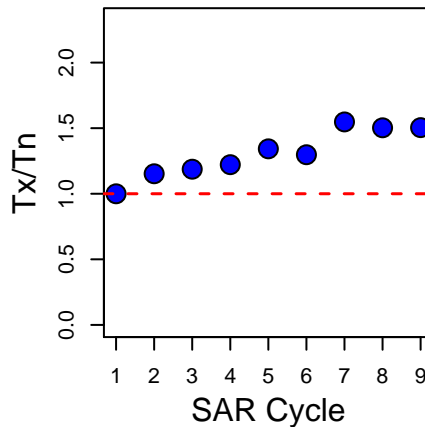
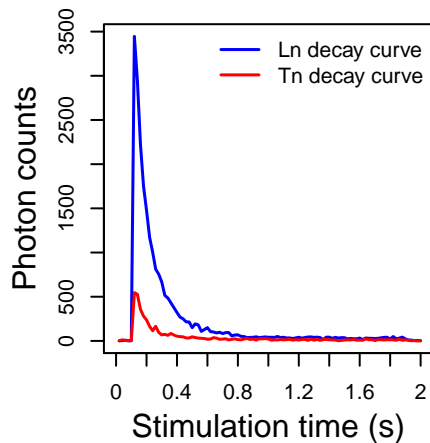
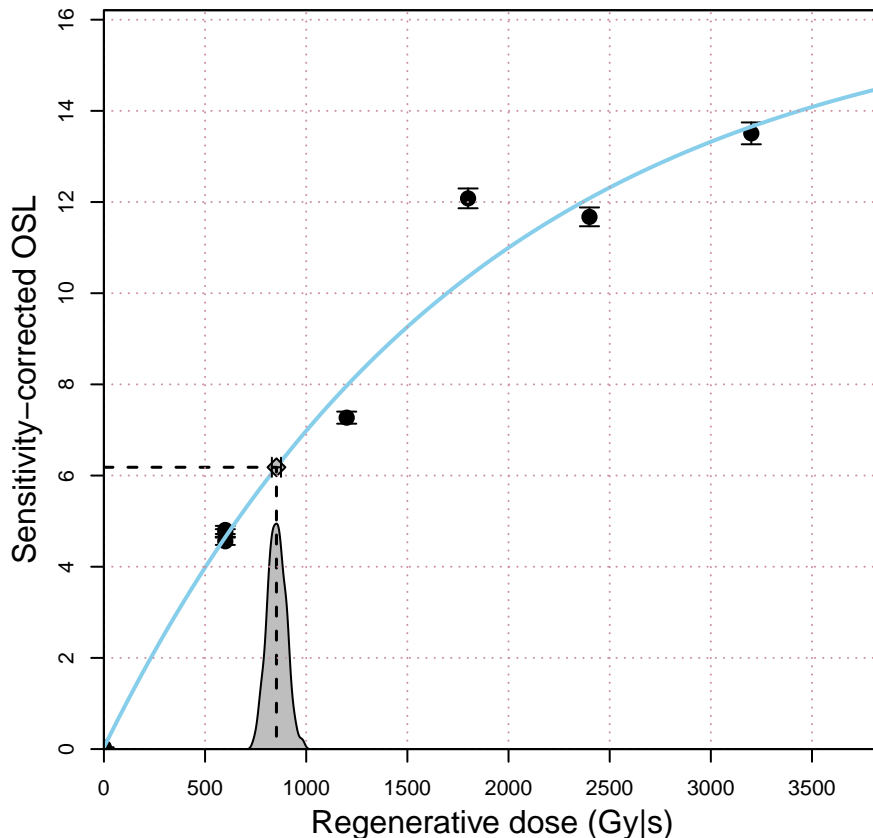
Recycling ratio 1: 0.88 +/- 0.05
Recycling ratio 2: 0.99 +/- 0.05
Recycling ratio 3: 1.13 +/- 0.06
=====

Recuperation 1: 0.65 +/- 0.07 (%)
Recuperation 2: 0.53 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 16.16
Average error in fit: 0.1
Reduced Chi-Square: 5.39
Figure Of Merit: 4.87 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1753.57 +/- 170.7 (Gy/s)
RSE of ED: 9.73 (%)
95% interval: [1453.99, 2093.62]
68% interval: [1600.83, 1938.4]

Summary



ID: [NO=280, Position=5, Grain=80]
=====

Status: OK
=====

Tn: 1889 +/- 58.36
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 32.48 +/- 4.26
RSE of Tn: 3.09 (%)
Fast ratio of Tn: NA +/- NA
=====

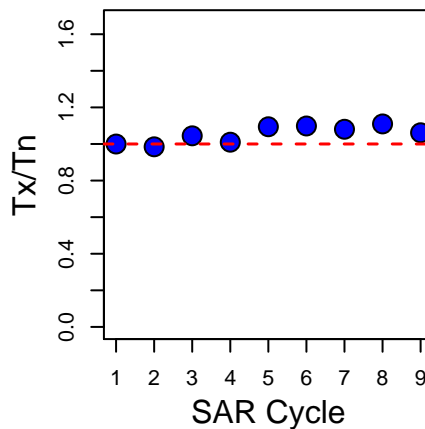
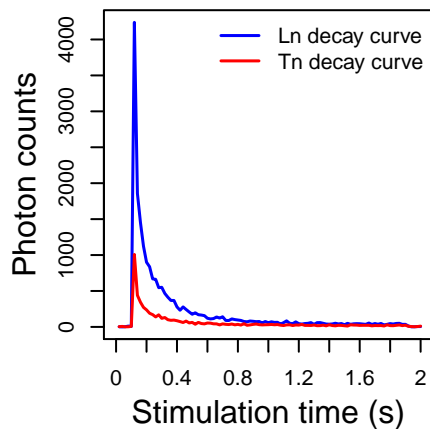
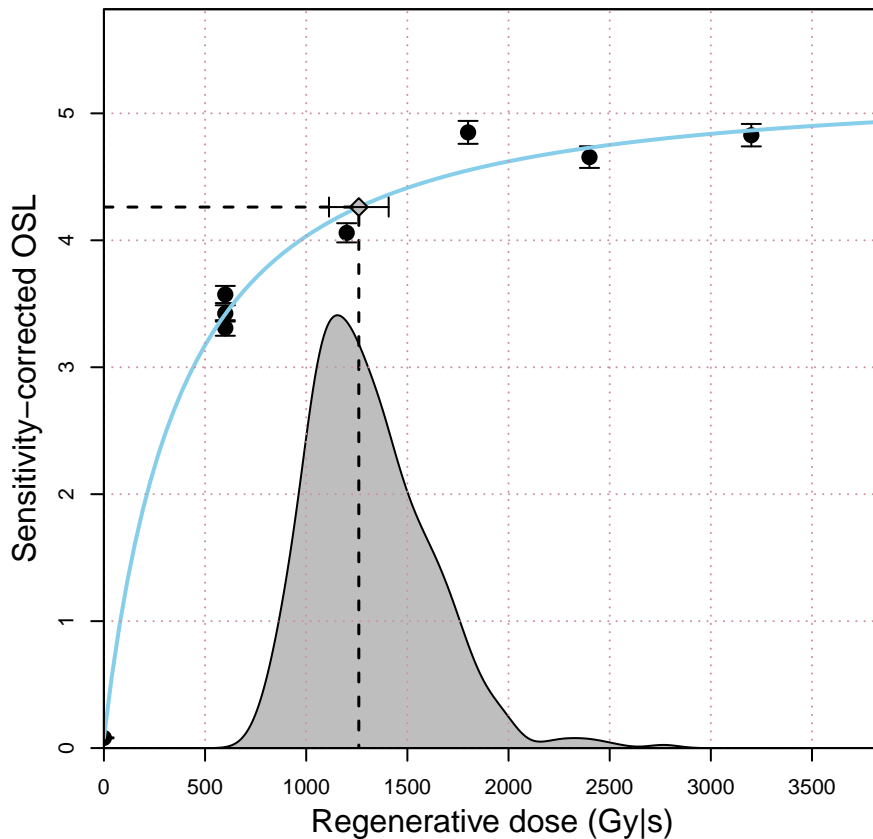
Recycling ratio 1: 0.95 +/- 0.05
Recycling ratio 2: 0.99 +/- 0.05
Recycling ratio 3: 1.04 +/- 0.05
=====

Recuperation 1: 0.58 +/- 0.08 (%)
Recuperation 2: 0.27 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 25.17
Average error in fit: 0.24
Reduced Chi-Square: 8.39
Figure Of Merit: 5.71 (%)
=====

calED method: Interpolation
MC acceptance-rate: 98.43 (%)
ED: 852.8 +/- 45.15 (Gy/s)
RSE of ED: 5.29 (%)
95% interval: [768.48, 941.94]
68% interval: [809.05, 901.6]

Summary



ID: [NO=281, Position=5, Grain=81]

Status: OK

Tn: 2198.5 +/- 65.46

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 22.45 +/- 2.27

RSE of Tn: 2.98 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 0.96 +/- 0.05

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 1.89 +/- 0.2 (%)

Recuperation 2: 1.66 +/- 0.17 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.17

Average error in fit: 0.05

Reduced Chi-Square: 2.06

Figure Of Merit: 2.92 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

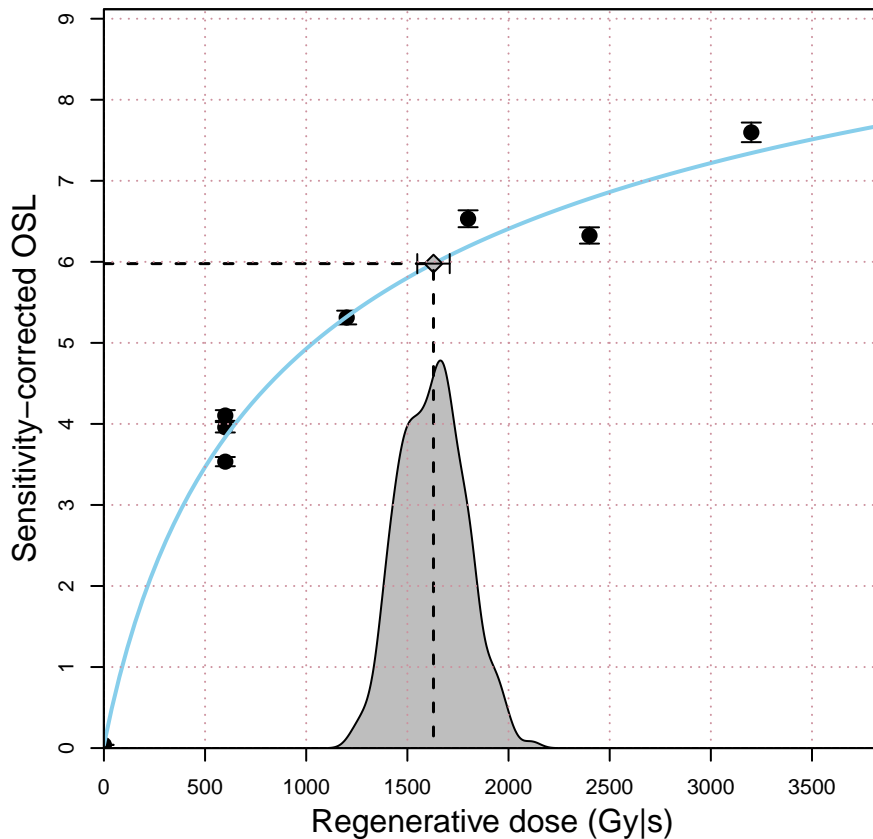
ED: 1259.98 +/- 294.93 (Gy/s)

RSE of ED: 23.41 (%)

95% interval: [875.2, 1950.38]

68% interval: [1036.29, 1609.24]

Summary



ID: [NO=282, Position=5, Grain=82]
=====

Status: OK
=====

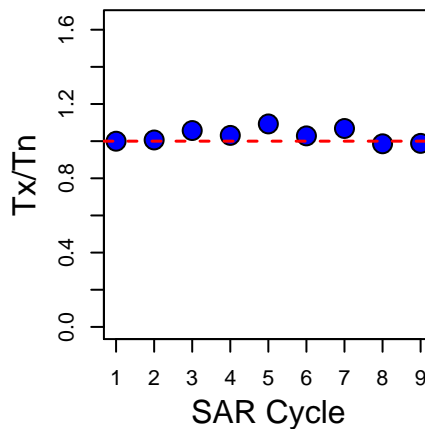
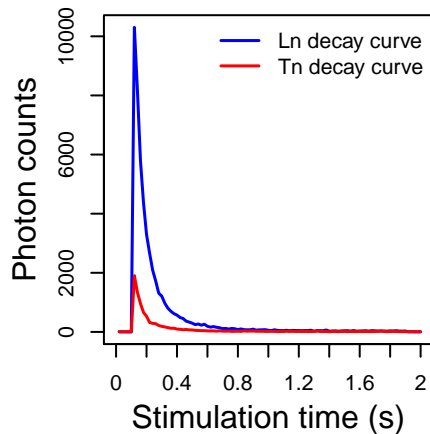
Tn: 5319 +/- 129.39
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 76.99 +/- 9.26
RSE of Tn: 2.43 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 1.16 +/- 0.05
Recycling ratio 2: 1.12 +/- 0.05
Recycling ratio 3: 0.96 +/- 0.04
=====

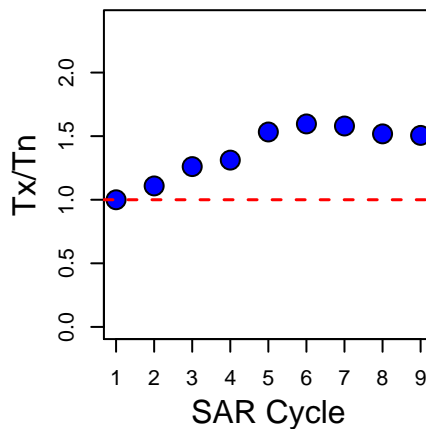
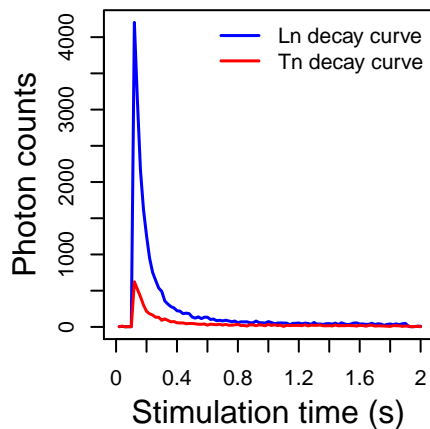
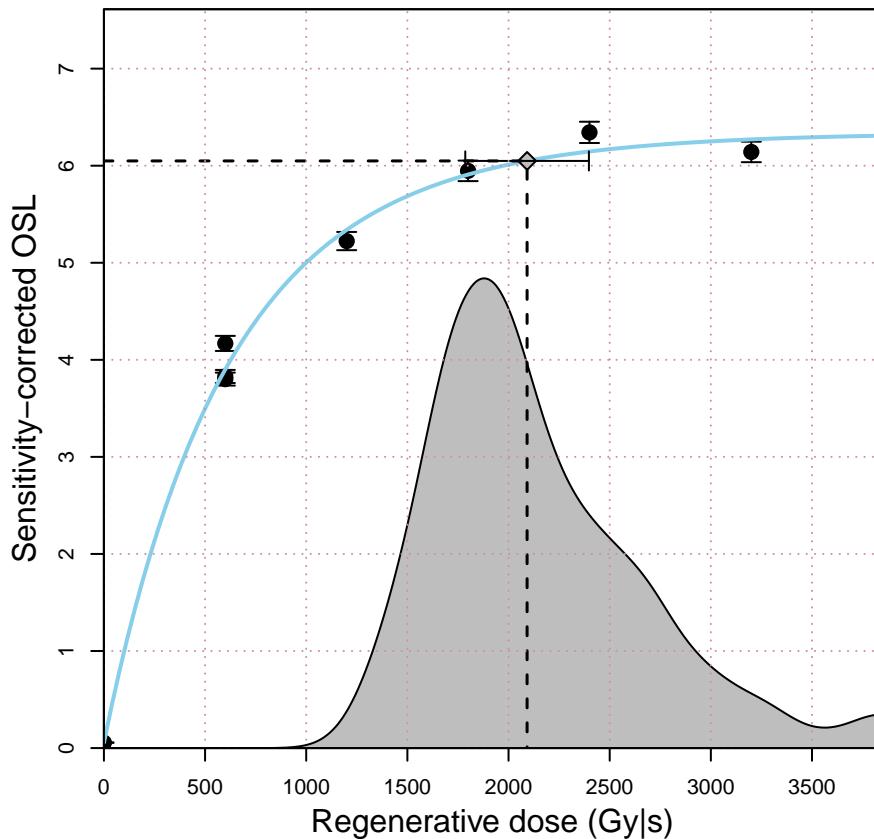
Recuperation 1: 0.67 +/- 0.06 (%)
Recuperation 2: 0.53 +/- 0.05 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 20.93
Average error in fit: 0.09
Reduced Chi-Square: 6.98
Figure Of Merit: 4.71 (%)
=====

calED method: Interpolation
MC acceptance-rate: 96.71 (%)
ED: 1629.13 +/- 160.44 (Gy/s)
RSE of ED: 9.85 (%)
95% interval: [1339.04, 1941]
68% interval: [1455.53, 1787.82]



Summary



ID: [NO=283, Position=5, Grain=83]

Status: OK

Tn: 2014.5 +/- 61.1

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.72 +/- 4.17

RSE of Tn: 3.03 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.93 +/- 0.1 (%)

Recuperation 2: 0.89 +/- 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.42

Average error in fit: 0.05

Reduced Chi-Square: 1.81

Figure Of Merit: 2.6 (%)

calED method: Interpolation

MC acceptance-rate: 85.47 (%)

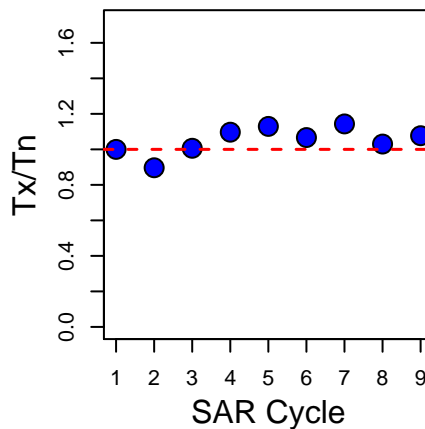
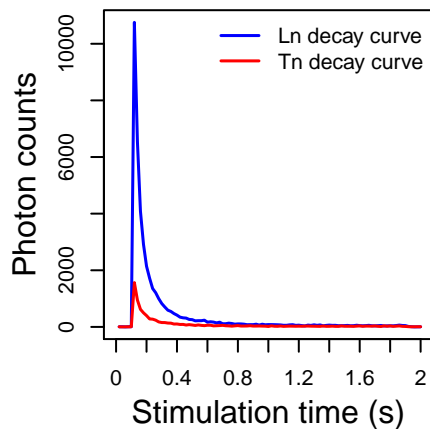
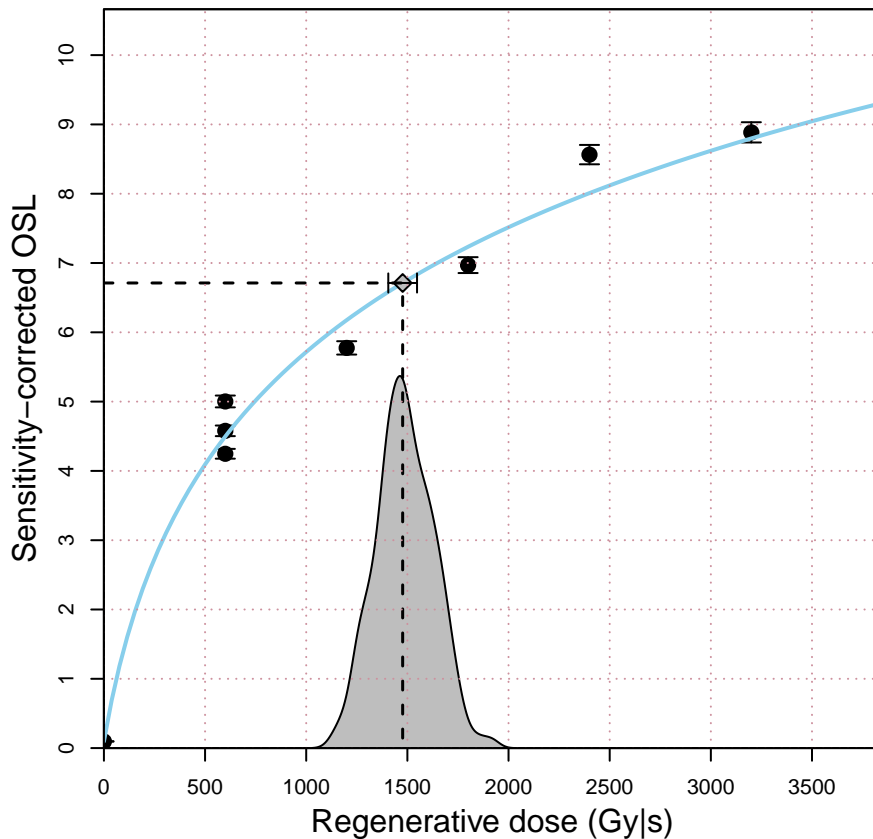
ED: 2091.73 +/- 611 (Gy/s)

RSE of ED: 29.21 (%)

95% interval: [1390.87, 3804.22]

68% interval: [1668.44, 2696]

Summary



ID: [NO=284, Position=5, Grain=84]

Status: OK

Tn: 3906.5 +/- 100.98

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.38 +/- 2.95

RSE of Tn: 2.58 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.85 +/- 0.04

Recycling ratio 3: 0.93 +/- 0.04

Recuperation 1: 1.43 +/- 0.11 (%)

Recuperation 2: 1.08 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 21.91

Average error in fit: 0.12

Reduced Chi-Square: 7.3

Figure Of Merit: 4.89 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

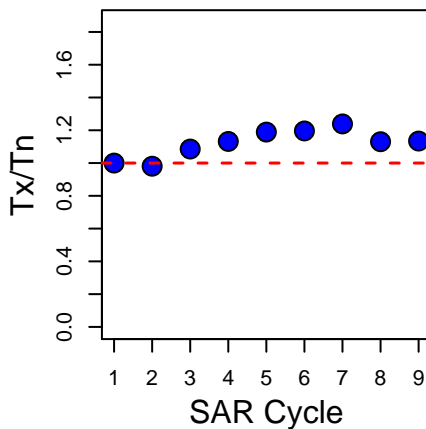
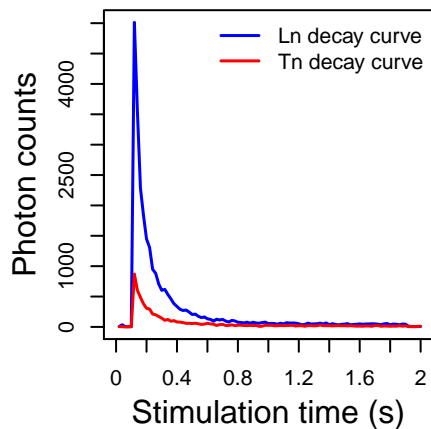
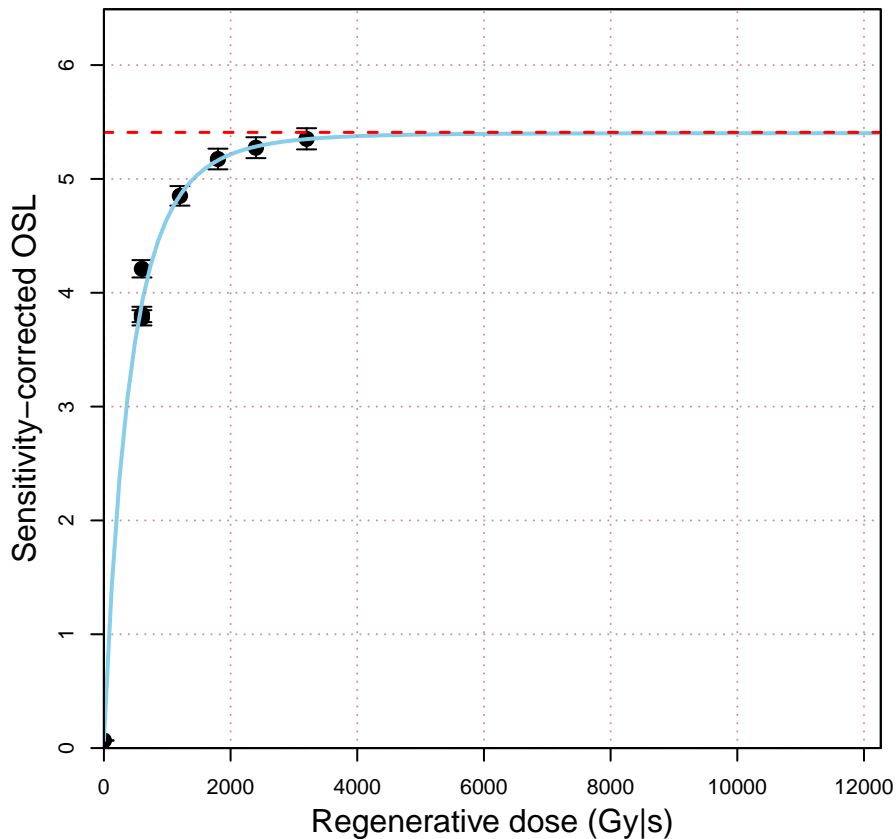
ED: 1476.7 +/- 142.03 (Gy/s)

RSE of ED: 9.62 (%)

95% interval: [1229.16, 1754.79]

68% interval: [1344.18, 1637.43]

Summary



ID: [NO=285, Position=5, Grain=85]

Status: Ln/Tn saturated

Tn: 2571.5 +/- 72.98

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.99 +/- 4.26

RSE of Tn: 2.84 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.05

Recycling ratio 2: 0.9 +/- 0.05

Recycling ratio 3: 0.99 +/- 0.05

Recuperation 1: 1.24 +/- 0.11 (%)

Recuperation 2: 1.25 +/- 0.12 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.38

Average error in fit: 0.04

Reduced Chi-Square: 1.79

Figure Of Merit: 1.73 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

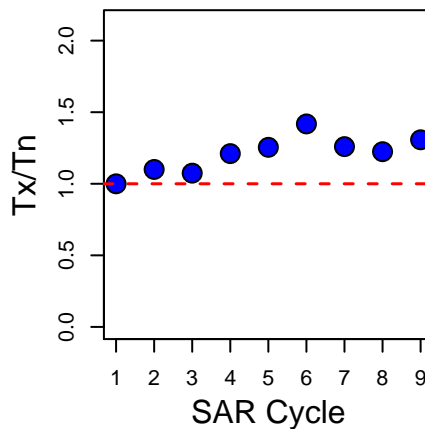
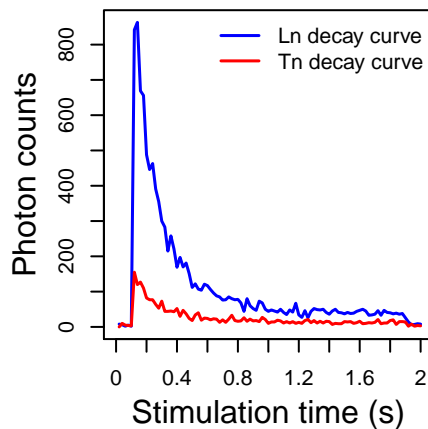
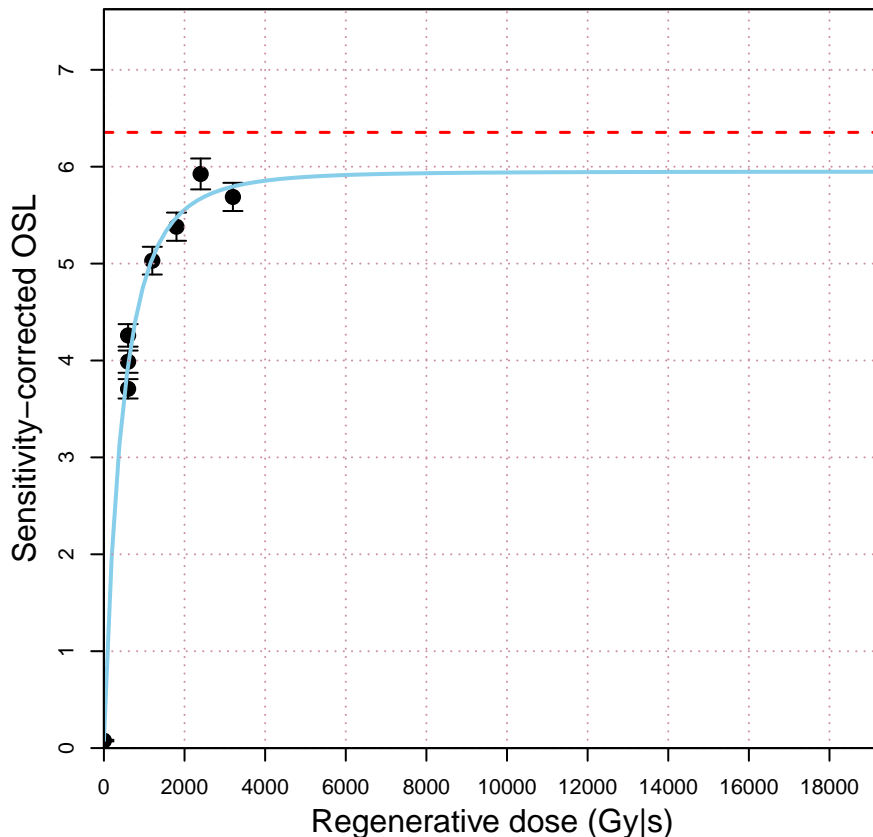
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=286, Position=5, Grain=86]

Status: Ln/Tn saturated

Tn: 523.5 +/- 27.18

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 8.43 +/- 1.06

RSE of Tn: 5.19 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.07 +/- 0.08

Recycling ratio 2: 0.93 +/- 0.07

Recycling ratio 3: 0.87 +/- 0.07

Recuperation 1: 1.22 +/- 0.27 (%)

Recuperation 2: 1.31 +/- 0.28 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.14

Average error in fit: 0.06

Reduced Chi-Square: 1.38

Figure Of Merit: 3.14 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

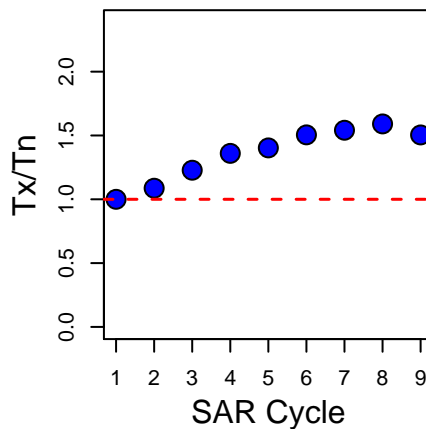
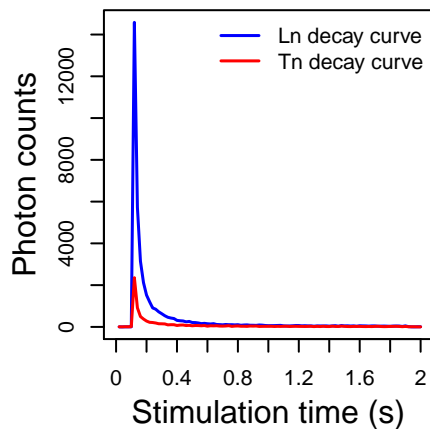
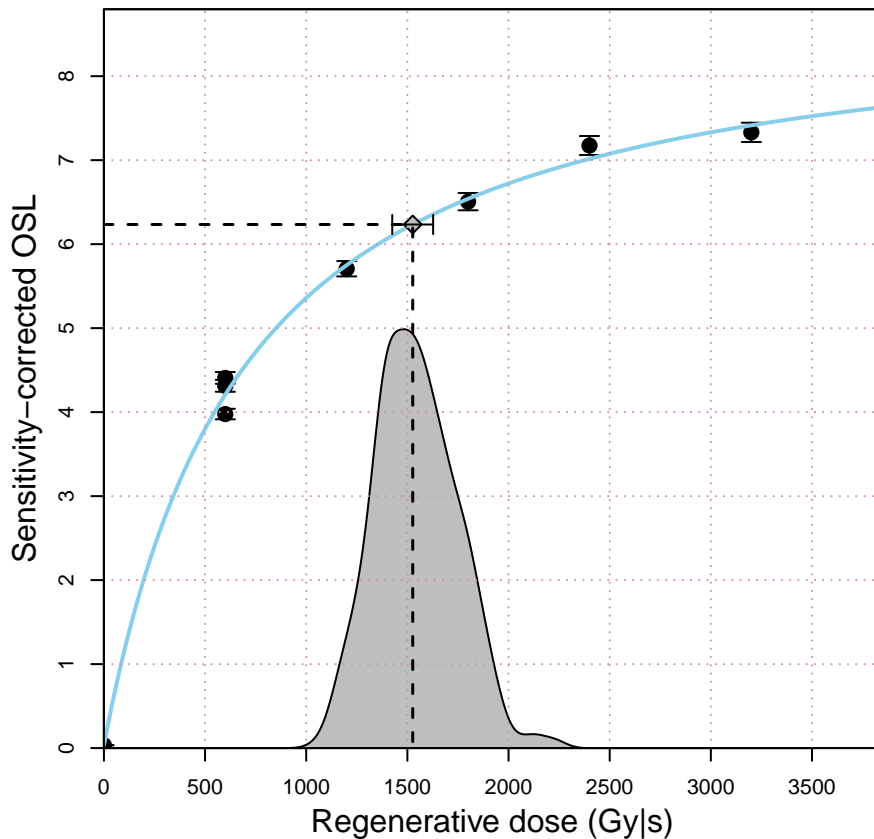
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=287, Position=5, Grain=87]

Status: OK

Tn: 4316 \pm 109.21

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 41.34 \pm 4.04

RSE of Tn: 2.53 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 1.02 \pm 0.05

Recycling ratio 3: 1.11 \pm 0.05

Recuperation 1: 0.55 \pm 0.05 (%)

Recuperation 2: 0.47 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.72

Average error in fit: 0.05

Reduced Chi-Square: 2.24

Figure Of Merit: 2.17 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

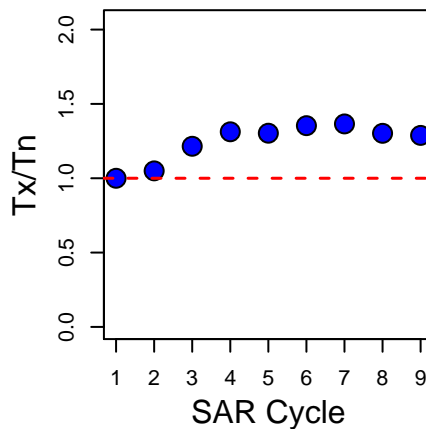
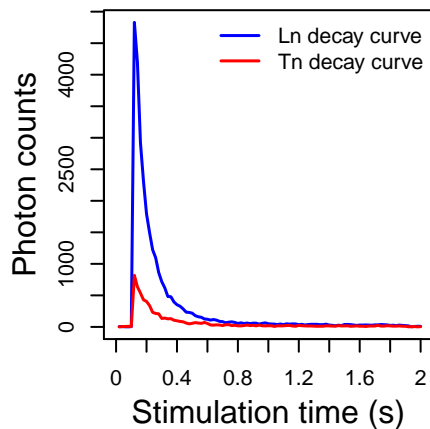
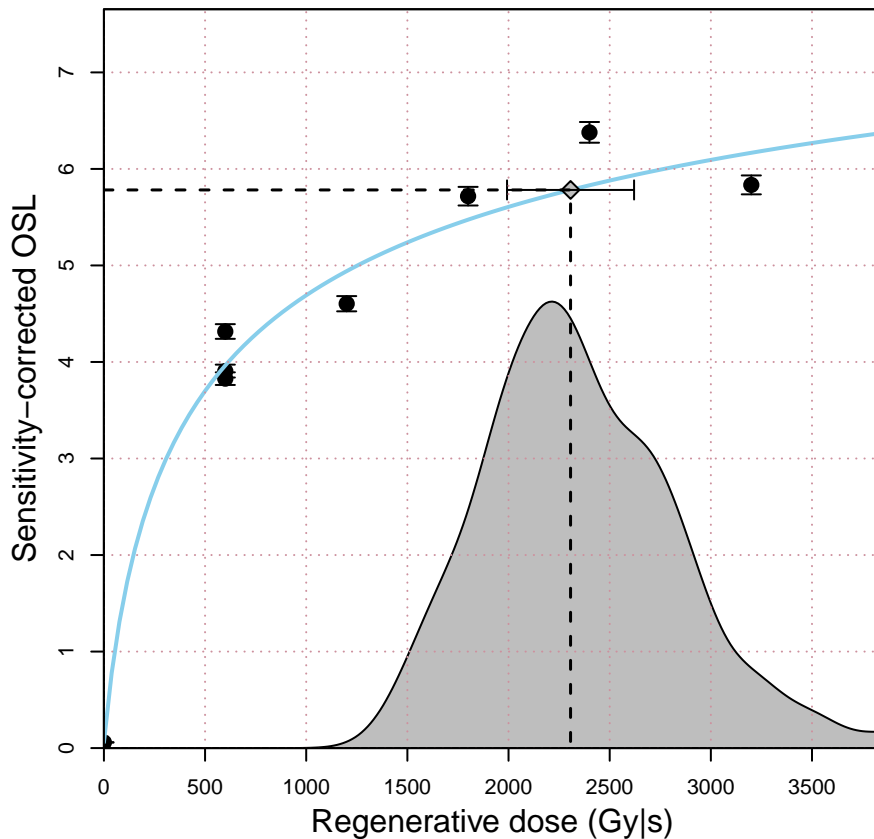
ED: 1526.33 \pm 202.06 (Gy/s)

RSE of ED: 13.24 (%)

95% interval: [1181.64, 1946.47]

68% interval: [1348.64, 1759.98]

Summary



ID: [NO=288, Position=5, Grain=88]

Status: OK

Tn: 2751.5 +/- 76.75

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 38.44 +/- 4.54

RSE of Tn: 2.79 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1.02 +/- 0.05

Recuperation 1: 1.02 +/- 0.09 (%)

Recuperation 2: 0.92 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 22.23

Average error in fit: 0.11

Reduced Chi-Square: 7.41

Figure Of Merit: 5.85 (%)

calED method: Interpolation

MC acceptance-rate: 98.81 (%)

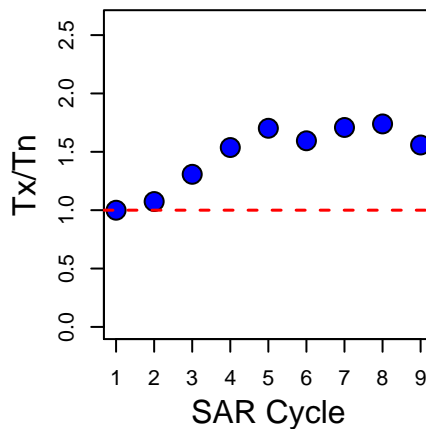
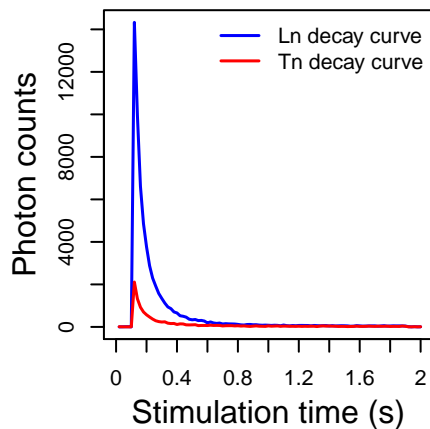
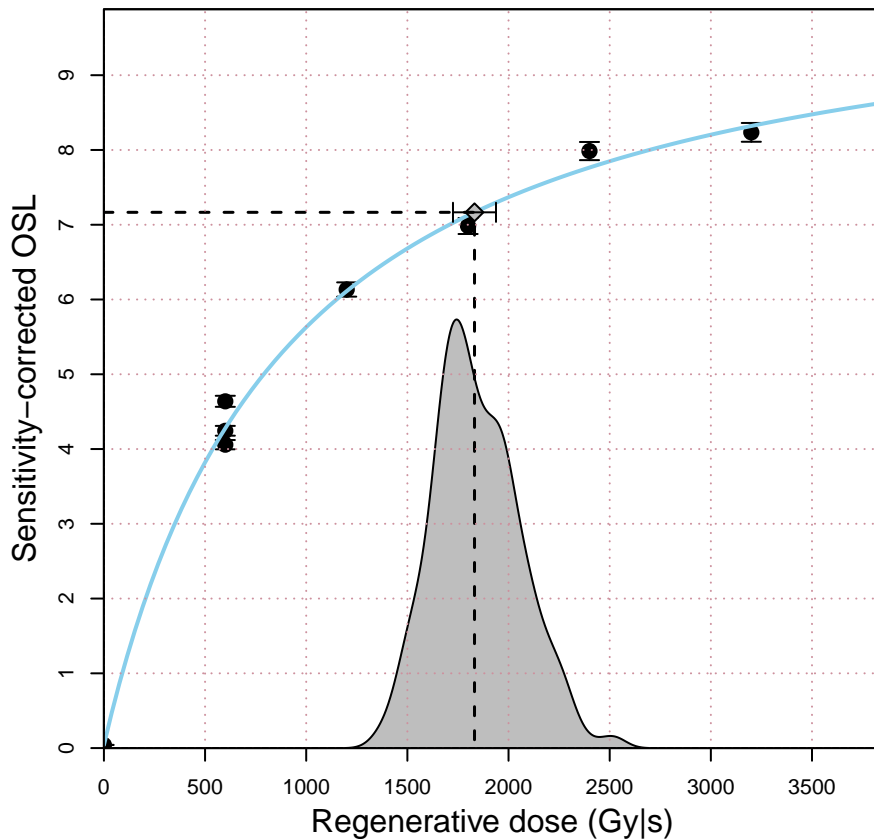
ED: 2306.55 +/- 627.91 (Gy/s)

RSE of ED: 27.22 (%)

95% interval: [1555.81, 3827.12]

68% interval: [1910.01, 2847.08]

Summary



ID: [NO=289, Position=5, Grain=89]

Status: OK

Tn: 5483 \pm 133.15

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 38.3 \pm 3.2

RSE of Tn: 2.43 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.88 \pm 0.04

Recycling ratio 2: 0.92 \pm 0.04

Recycling ratio 3: 1.05 \pm 0.05

Recuperation 1: 0.59 \pm 0.05 (%)

Recuperation 2: 0.51 \pm 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.54

Average error in fit: 0.06

Reduced Chi-Square: 3.51

Figure Of Merit: 2.57 (%)

calED method: Interpolation

MC acceptance-rate: 98.43 (%)

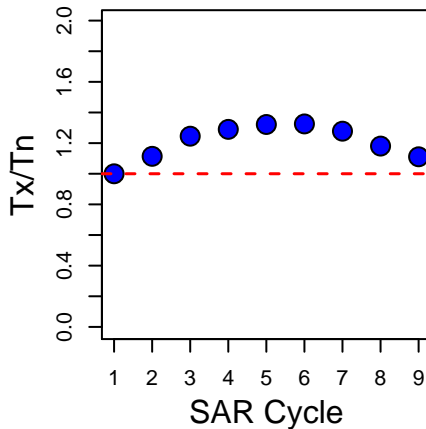
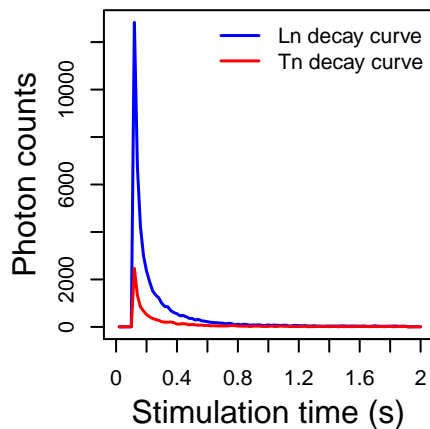
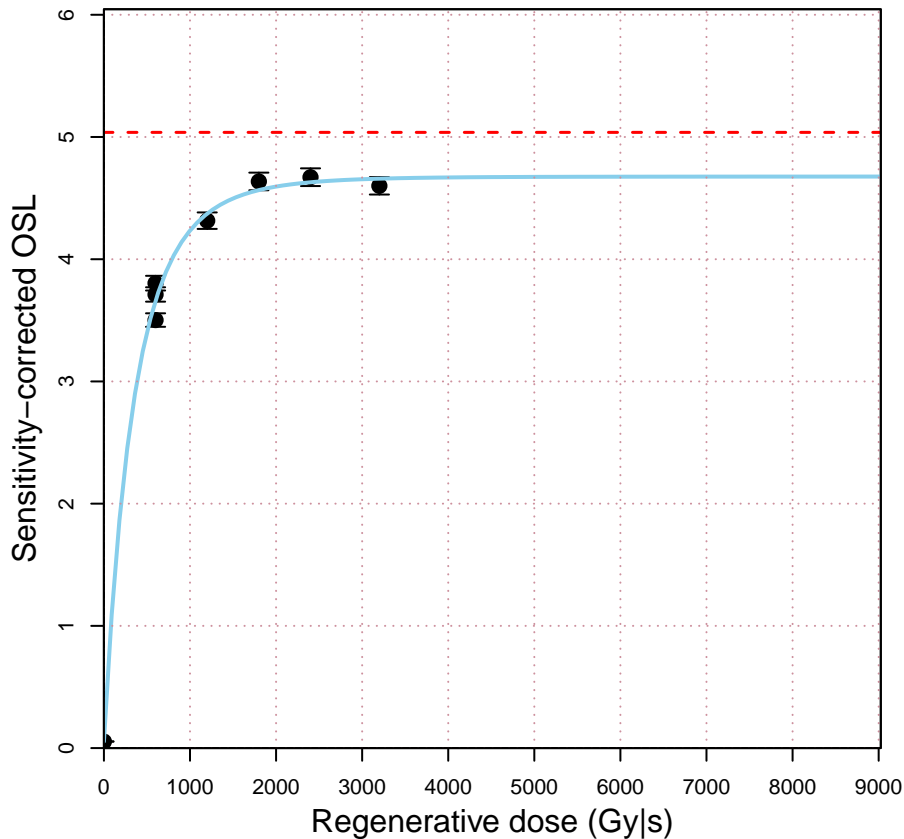
ED: 1831.74 \pm 212.64 (Gy/s)

RSE of ED: 11.61 (%)

95% interval: [1477.88, 2282.39]

68% interval: [1644.3, 2059.23]

Summary



ID: [NO=290, Position=5, Grain=90]
=====

Status: Ln/Tn saturated
=====

Tn: 5756.5 +/- 138.29
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 77.25 +/- 8.95
RSE of Tn: 2.4 (%)
Fast ratio of Tn: NA +/- NA
=====

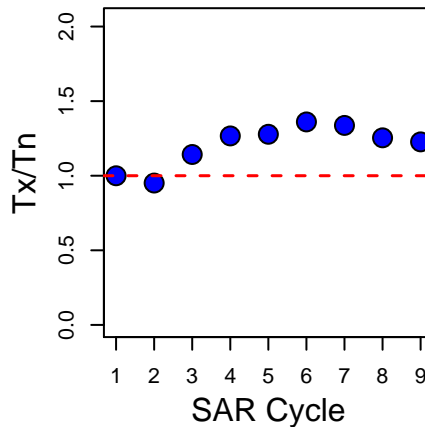
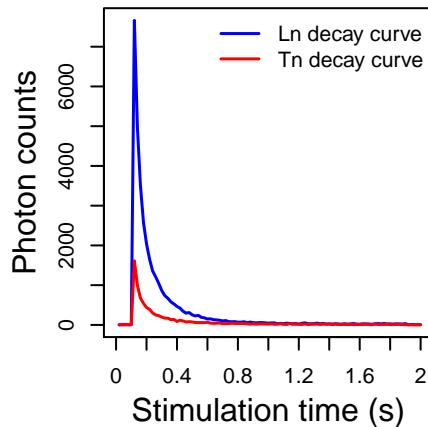
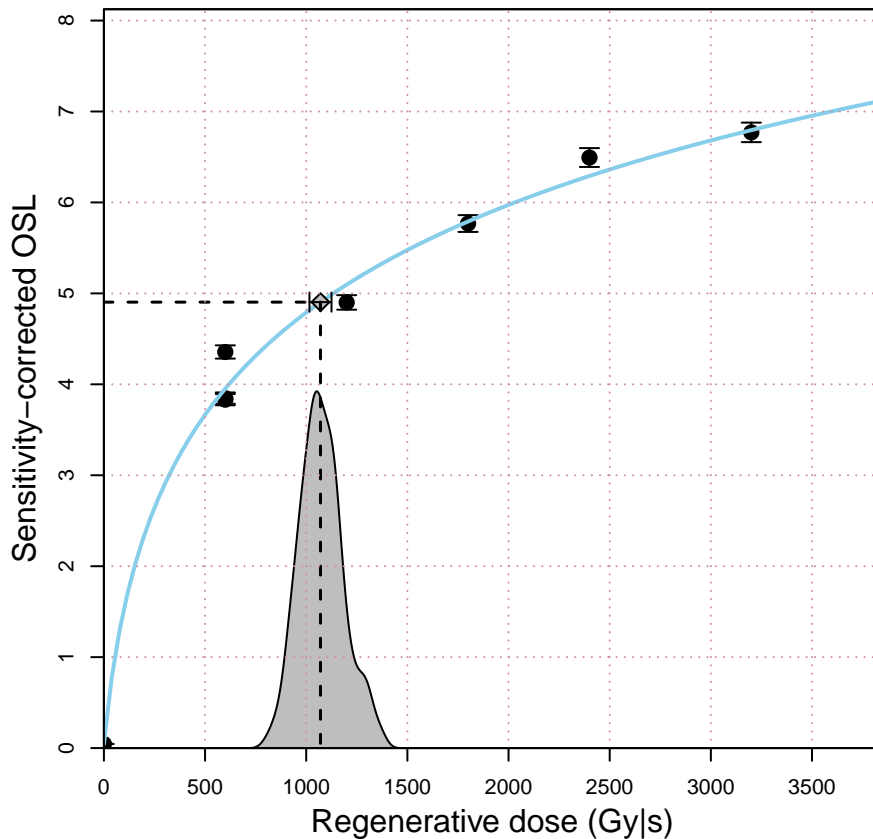
Recycling ratio 1: 0.92 +/- 0.04
Recycling ratio 2: 0.98 +/- 0.04
Recycling ratio 3: 1.06 +/- 0.05
=====

Recuperation 1: 1.07 +/- 0.08 (%)
Recuperation 2: 1.15 +/- 0.08 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 4.34
Average error in fit: 0.03
Reduced Chi-Square: 1.45
Figure Of Merit: 1.99 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=293, Position=5, Grain=93]

Status: OK

Tn: 4203 \pm 106.55

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 76.05 \pm 10.23

RSE of Tn: 2.54 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.88 \pm 0.04

Recycling ratio 2: 0.88 \pm 0.04

Recycling ratio 3: 1 \pm 0.05

Recuperation 1: 0.93 \pm 0.08 (%)

Recuperation 2: 0.67 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.82

Average error in fit: 0.06

Reduced Chi-Square: 3.94

Figure Of Merit: 3 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

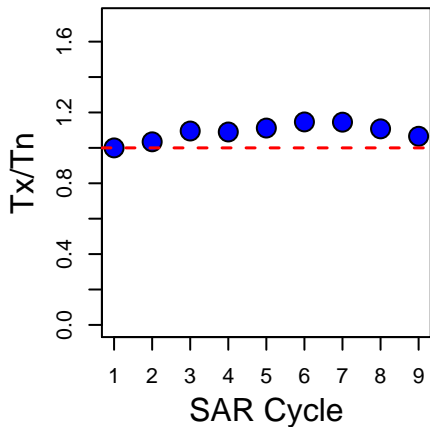
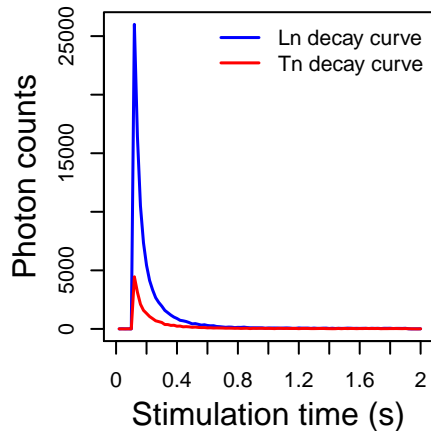
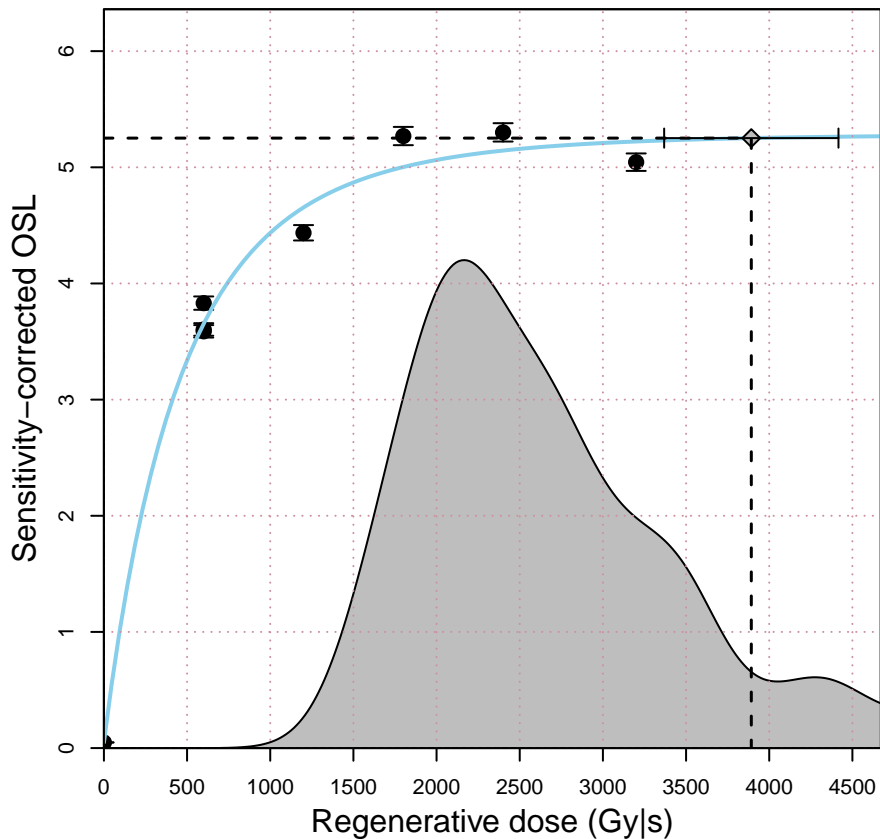
ED: 1070.49 \pm 108.82 (Gy/s)

RSE of ED: 10.17 (%)

95% interval: [879, 1308.05]

68% interval: [968.21, 1174.59]

Summary



ID: [NO=294, Position=5, Grain=94]

Status: OK

Tn: 12474 +/- 273.71

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 94.09 +/- 8.17

RSE of Tn: 2.19 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1 +/- 0.04

Recycling ratio 2: 1.06 +/- 0.05

Recycling ratio 3: 1.07 +/- 0.05

Recuperation 1: 0.92 +/- 0.06 (%)

Recuperation 2: 0.91 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.95

Average error in fit: 0.06

Reduced Chi-Square: 3.65

Figure Of Merit: 3.58 (%)

calED method: Extrapolation

MC acceptance-rate: 59.74 (%)

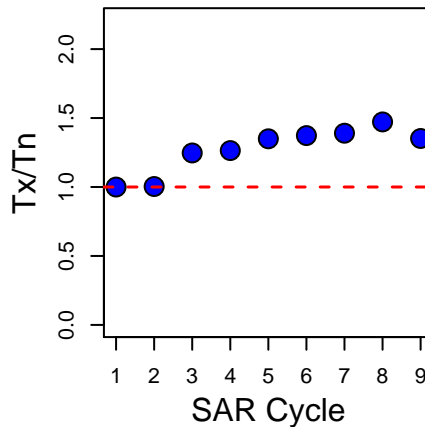
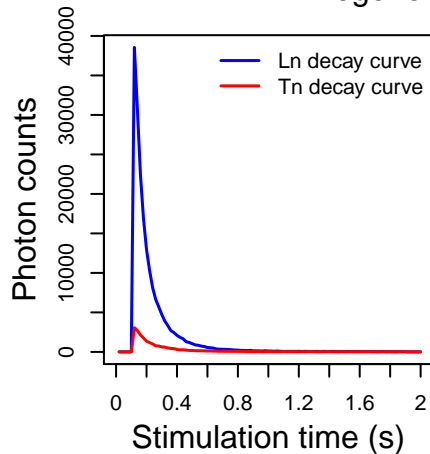
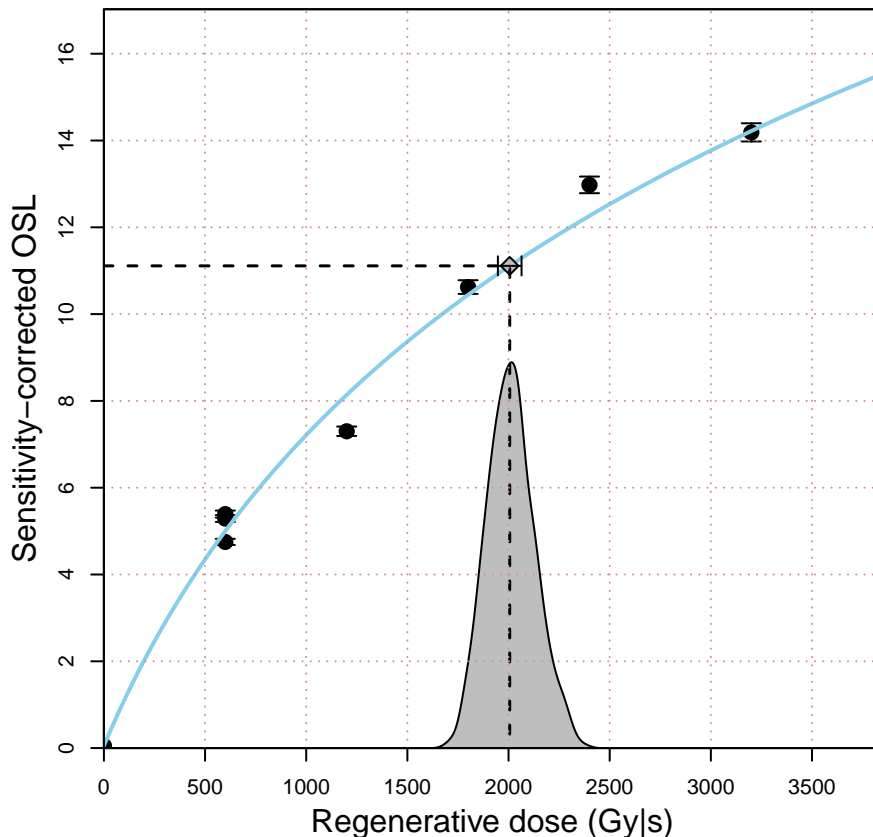
ED: 3892.25 +/- 1048.02 (Gy/s)

RSE of ED: 26.93 (%)

95% interval: [1561.91, 5648.93]

68% interval: [1907.72, 3514.84]

Summary



ID: [NO=295, Position=5, Grain=95]

Status: OK

Tn: 10915.5 +/- 242.37

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 97.17 +/- 9.17

RSE of Tn: 2.22 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.88 +/- 0.04

Recycling ratio 2: 0.98 +/- 0.04

Recycling ratio 3: 1.11 +/- 0.05

Recuperation 1: 0.49 +/- 0.03 (%)

Recuperation 2: 0.38 +/- 0.02 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 30.99

Average error in fit: 0.16

Reduced Chi-Square: 10.33

Figure Of Merit: 4.48 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

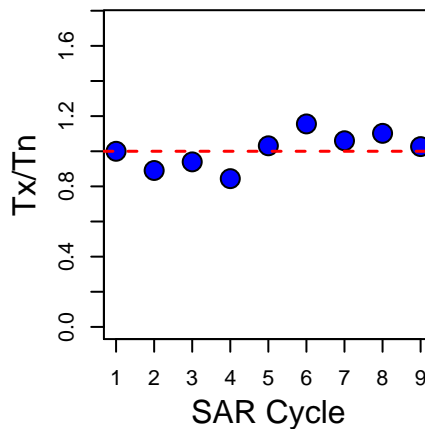
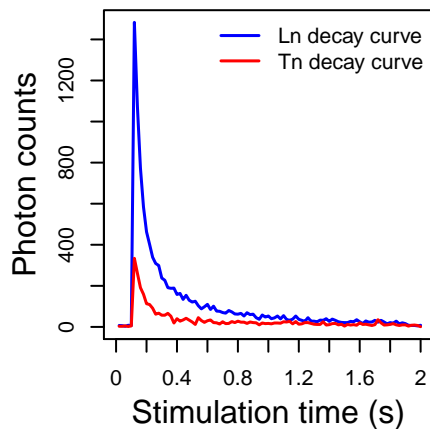
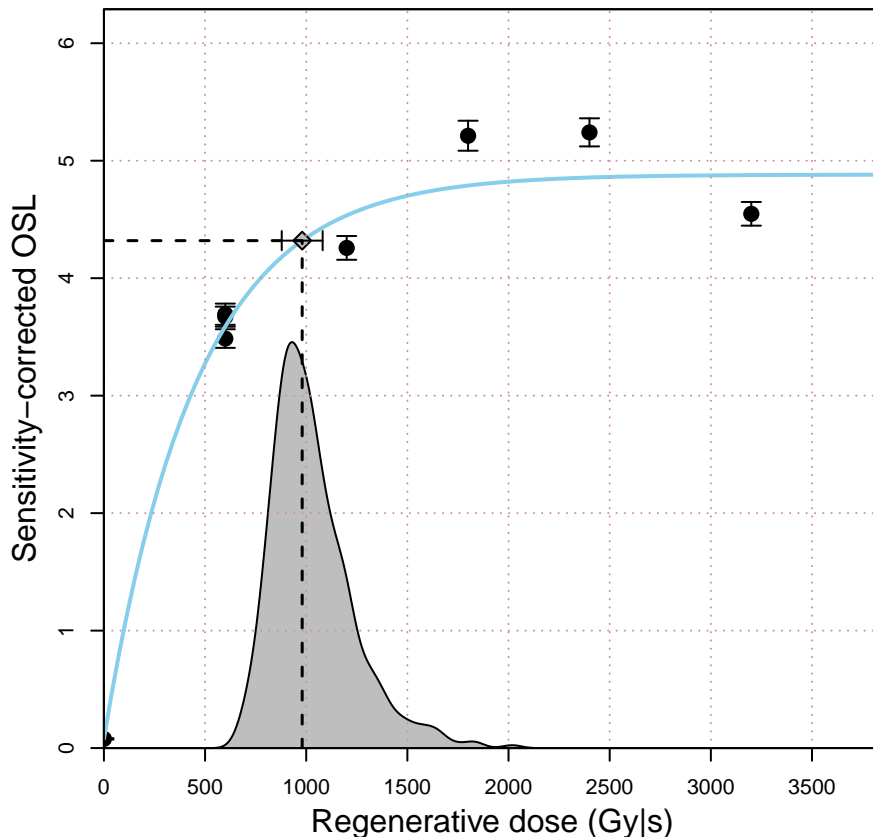
ED: 2005.81 +/- 116.95 (Gy/s)

RSE of ED: 5.83 (%)

95% interval: [1793.47, 2263.27]

68% interval: [1898.23, 2128.25]

Summary



ID: [NO=296, Position=5, Grain=96]

Status: OK

Tn: 988.5 +/- 38.52

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 15.22 +/- 1.89

RSE of Tn: 3.9 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.06

Recycling ratio 2: 0.99 +/- 0.07

Recycling ratio 3: 1.05 +/- 0.07

Recuperation 1: 1.81 +/- 0.29 (%)

Recuperation 2: 1.49 +/- 0.24 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.88

Average error in fit: 0.09

Reduced Chi-Square: 3.63

Figure Of Merit: 5.7 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

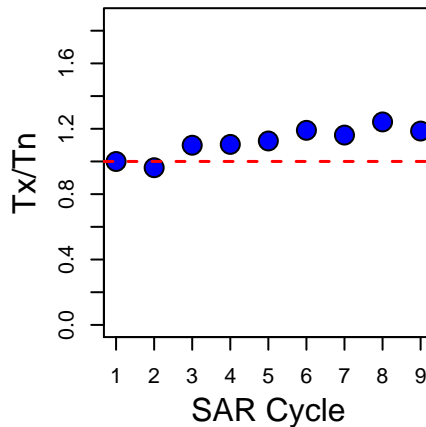
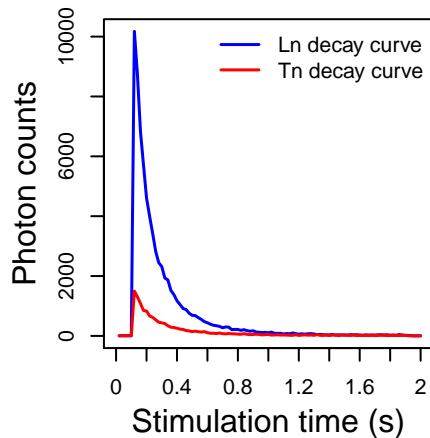
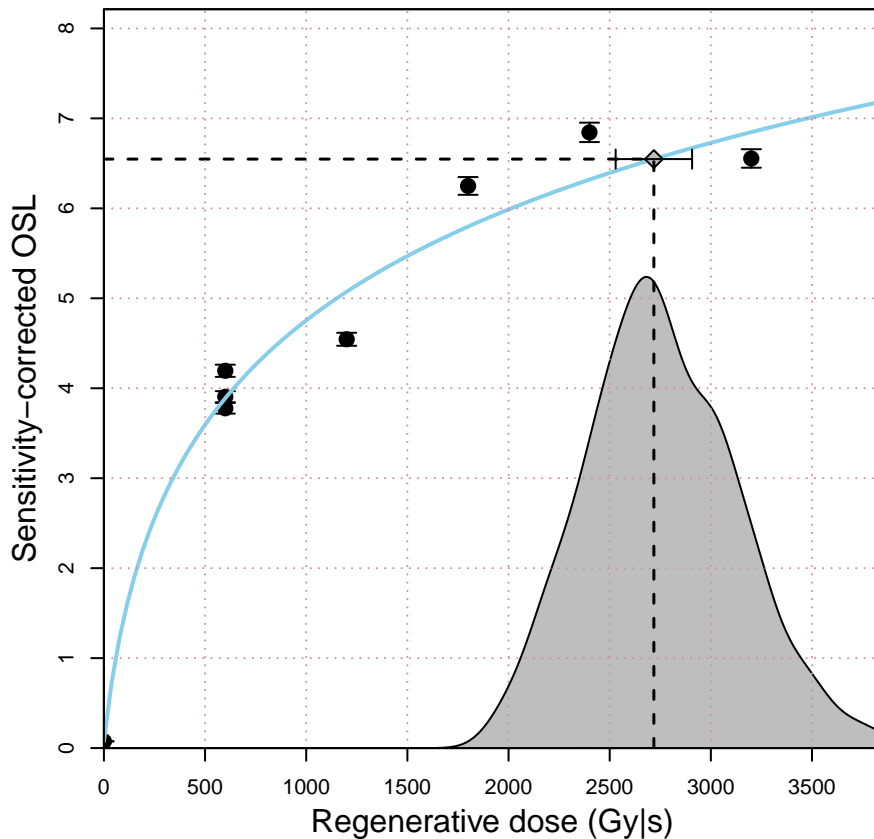
ED: 980.06 +/- 202.22 (Gy/s)

RSE of ED: 20.63 (%)

95% interval: [738.64, 1562.19]

68% interval: [856.49, 1206.54]

Summary



ID: [NO=297, Position=5, Grain=97]

Status: OK

Tn: 5487.5 +/- 132.89

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 65.18 +/- 7.1

RSE of Tn: 2.42 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.93 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 1.14 +/- 0.08 (%)

Recuperation 2: 1.09 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 32.65

Average error in fit: 0.12

Reduced Chi-Square: 10.88

Figure Of Merit: 6.24 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

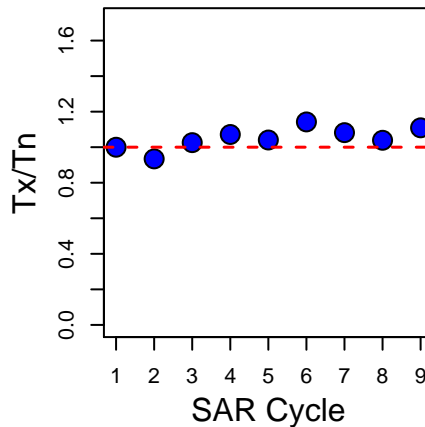
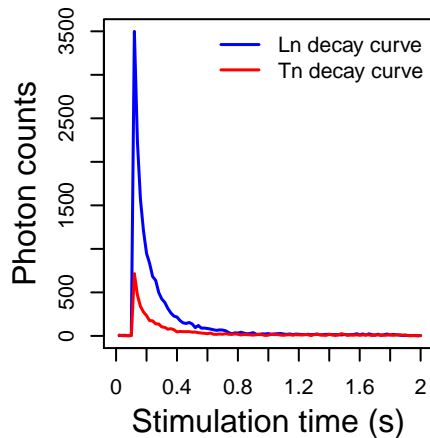
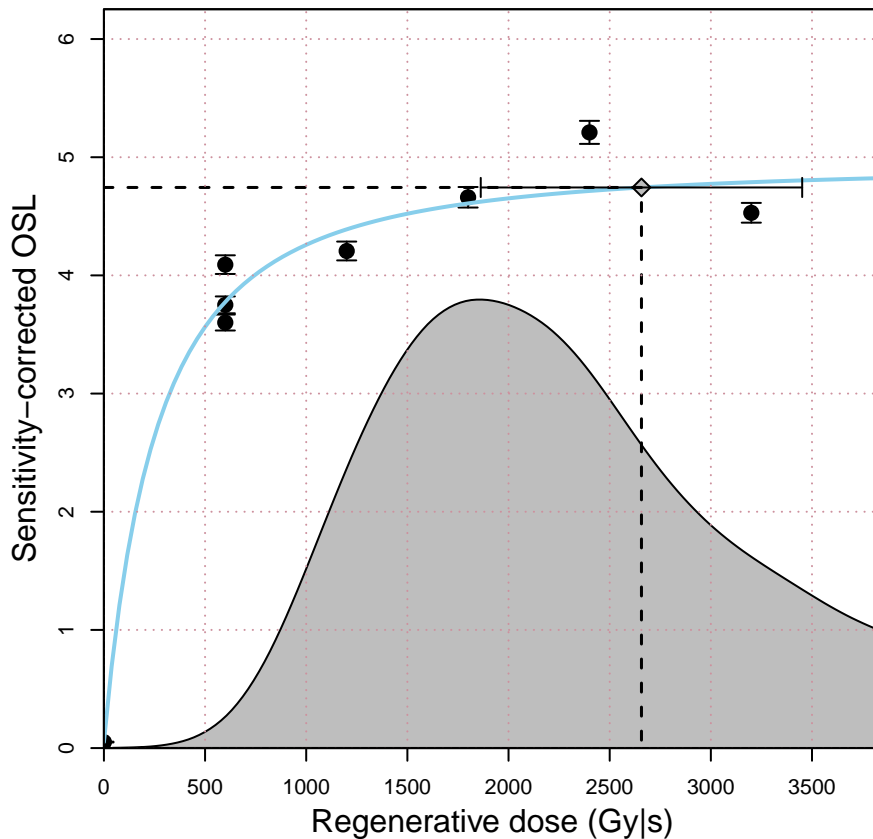
ED: 2718.4 +/- 377.86 (Gy/s)

RSE of ED: 13.9 (%)

95% interval: [2077.25, 3539.62]

68% interval: [2398.17, 3148.6]

Summary



ID: [NO=298, Position=5, Grain=98]

Status: OK

Tn: 1980.5 +/- 60.22

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 39.46 +/- 5.57

RSE of Tn: 3.04 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.05

Recycling ratio 2: 0.88 +/- 0.05

Recycling ratio 3: 0.96 +/- 0.05

Recuperation 1: 1.07 +/- 0.15 (%)

Recuperation 2: 0.98 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 15.96

Average error in fit: 0.09

Reduced Chi-Square: 5.32

Figure Of Merit: 5.04 (%)

calED method: Interpolation

MC acceptance-rate: 77.04 (%)

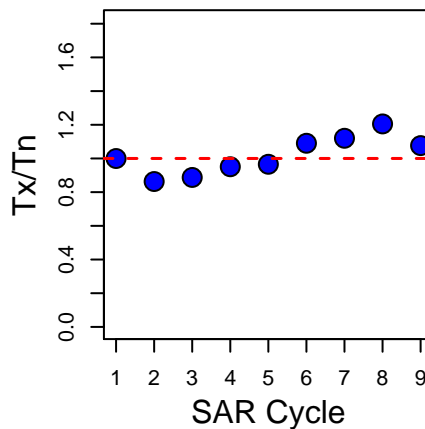
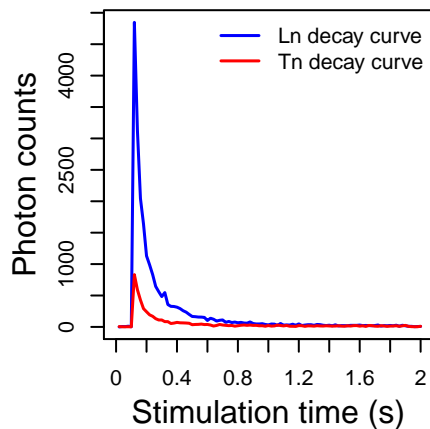
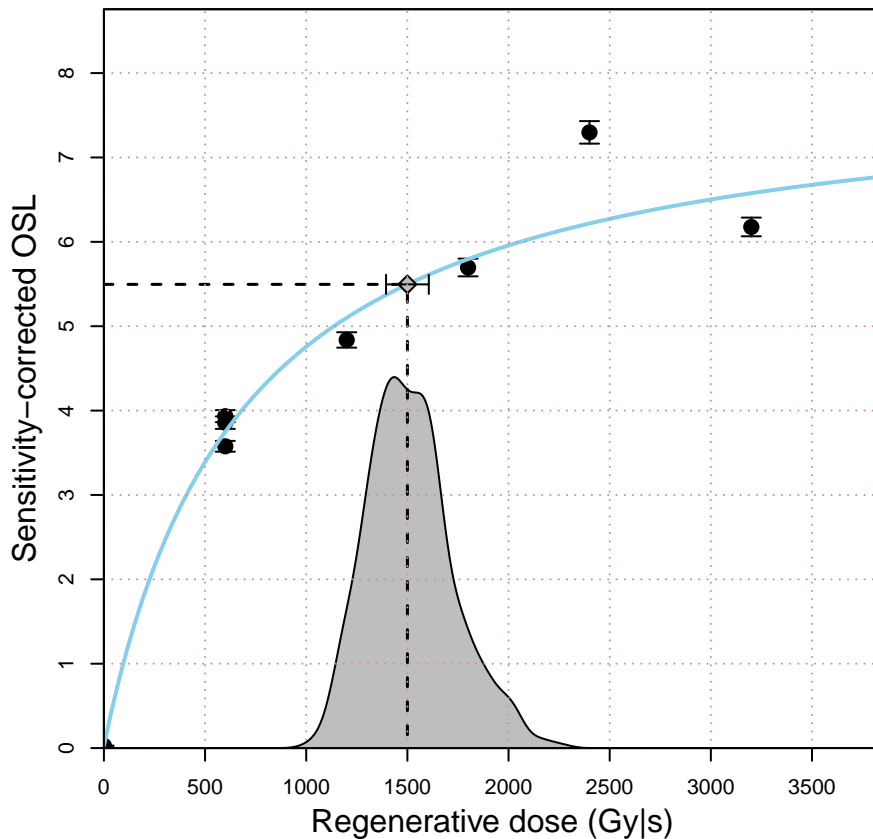
ED: 2657.08 +/- 1588.76 (Gy/s)

RSE of ED: 59.79 (%)

95% interval: [1057.77, 7167.28]

68% interval: [1475.24, 3621.36]

Summary



ID: [NO=299, Position=5, Grain=99]

Status: OK

Tn: 2309 +/- 67.48

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 31.79 +/- 3.73

RSE of Tn: 2.92 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 1.02 +/- 0.05

Recycling ratio 3: 1.1 +/- 0.06

Recuperation 1: 0.5 +/- 0.09 (%)

Recuperation 2: 0.38 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 25.95

Average error in fit: 0.15

Reduced Chi-Square: 8.65

Figure Of Merit: 6.6 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

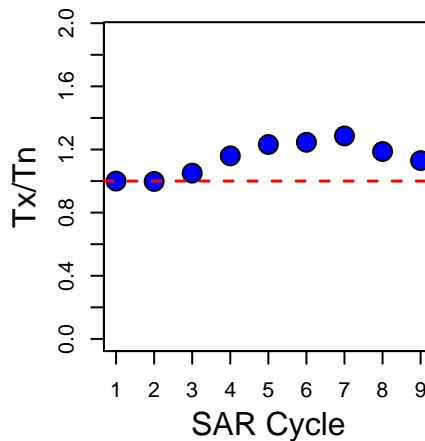
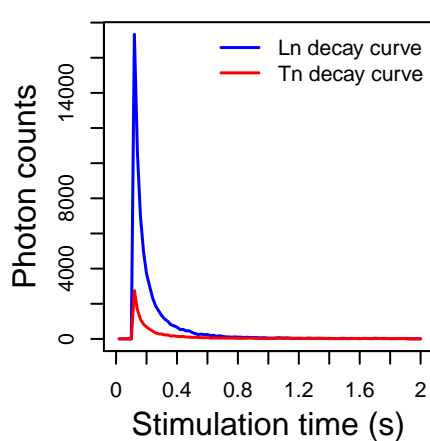
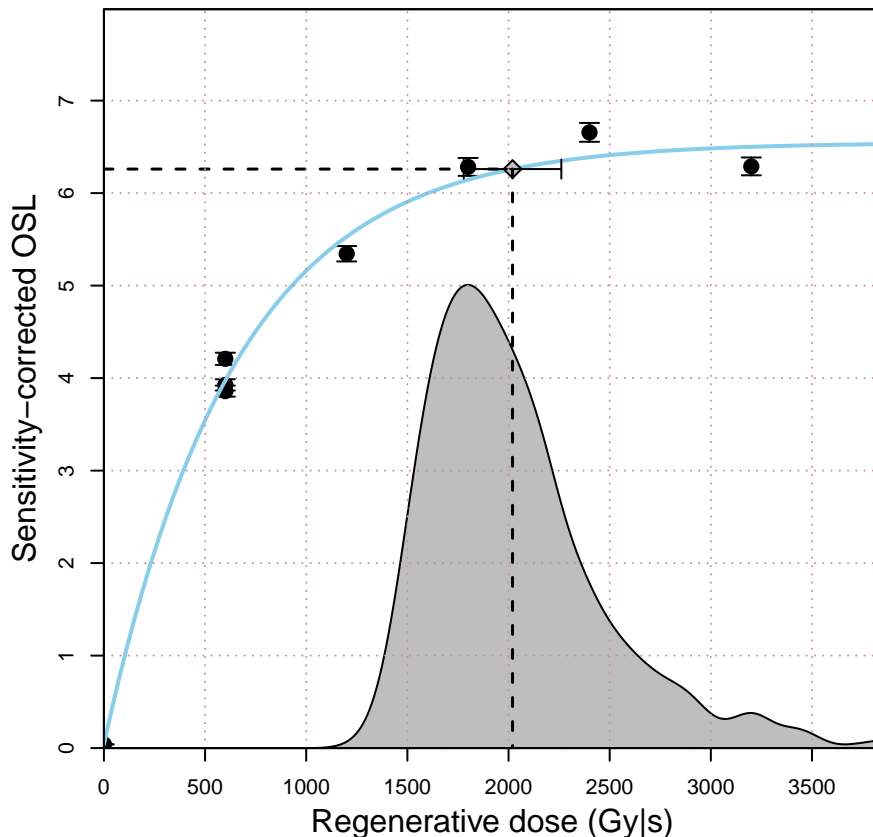
ED: 1500.19 +/- 211.26 (Gy/s)

RSE of ED: 14.08 (%)

95% interval: [1163.43, 1996.24]

68% interval: [1313.86, 1718.29]

Summary



ID: [NO=300, Position=5, Grain=100]

Status: OK

Tn: 6950 +/- 162.52

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 74.16 +/- 7.66

RSE of Tn: 2.34 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.93 +/- 0.04

Recycling ratio 3: 1.02 +/- 0.04

Recuperation 1: 0.64 +/- 0.05 (%)

Recuperation 2: 0.6 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 8.94

Average error in fit: 0.06

Reduced Chi-Square: 2.98

Figure Of Merit: 3.29 (%)

calED method: Interpolation

MC acceptance-rate: 88.5 (%)

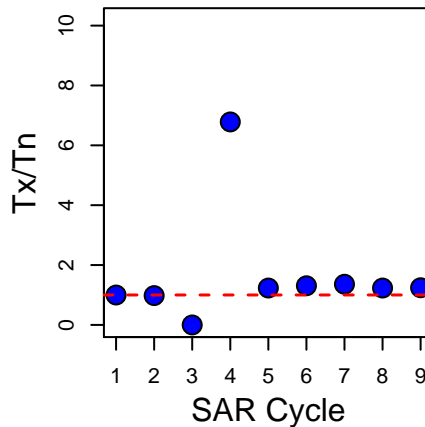
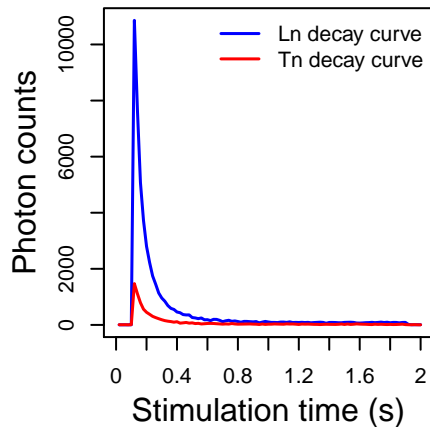
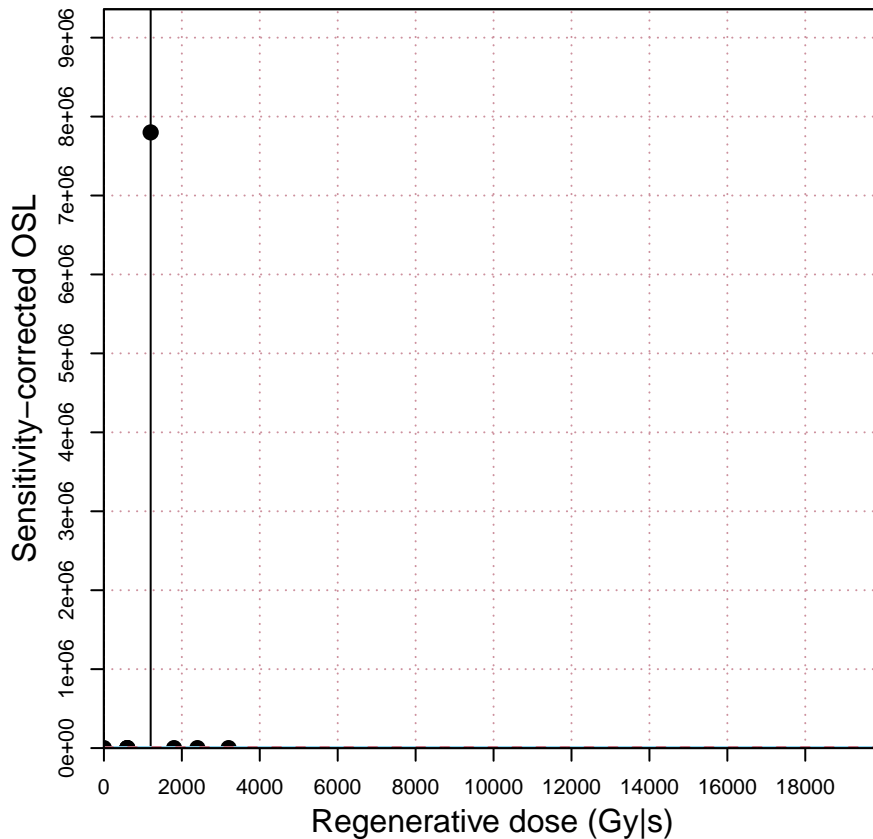
ED: 2019.72 +/- 482.6 (Gy/s)

RSE of ED: 23.89 (%)

95% interval: [1458.77, 3338.04]

68% interval: [1632.16, 2435.22]

Summary



ID: [NO=301, Position=7, Grain=1]

Status: Ln/Tn saturated

Tn: 4300.5 +/- 108.76

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 50.72 +/- 5.51

RSE of Tn: 2.53 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.05

Recuperation 1: 0.7 +/- 0.06 (%)

Recuperation 2: 0 +/- 1.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3834.55

Average error in fit: 974999.93

Reduced Chi-Square: 1278.18

Figure Of Merit: 187537163.5 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

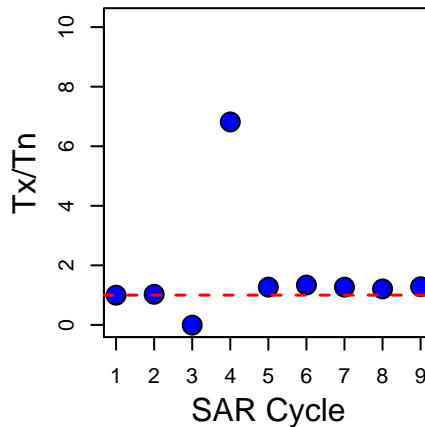
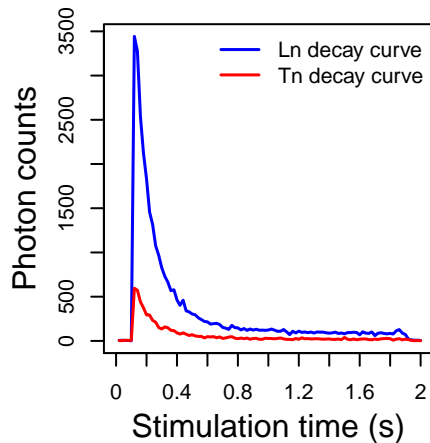
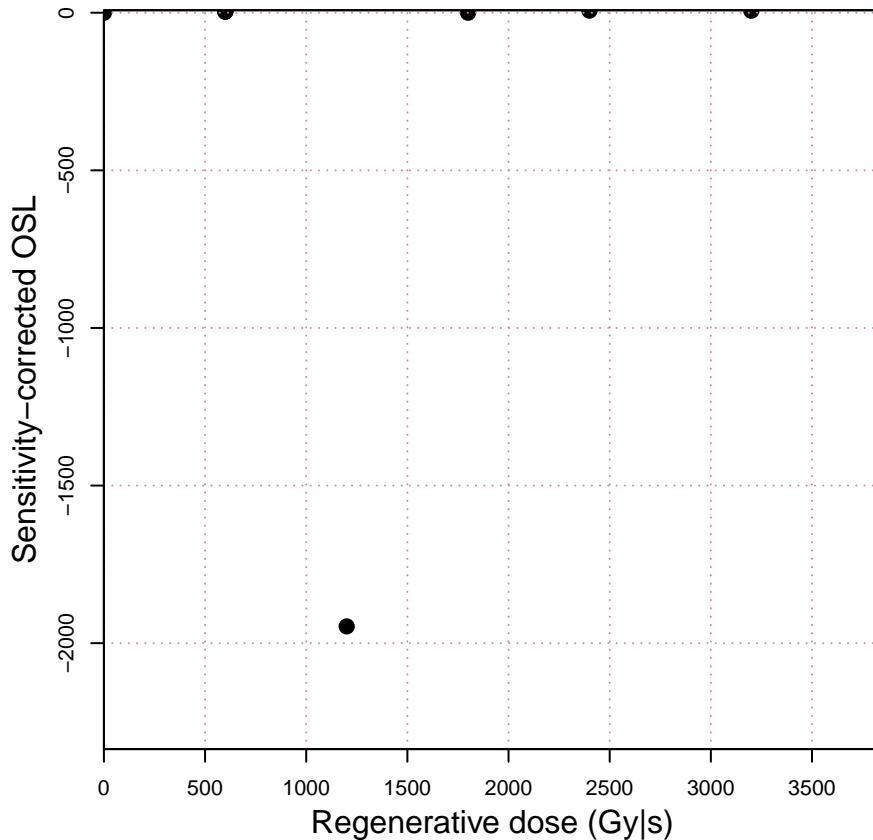
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=302, Position=7, Grain=2]

Status: model fit failed

Tn: 2176.5 +/- 64.99

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 22.44 +/- 2.28

RSE of Tn: 2.99 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.05

Recycling ratio 2: 0.81 +/- 0.04

Recycling ratio 3: 0.88 +/- 0.05

Recuperation 1: 1 +/- 0.11 (%)

Recuperation 2: 0.88 +/- 0.1 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

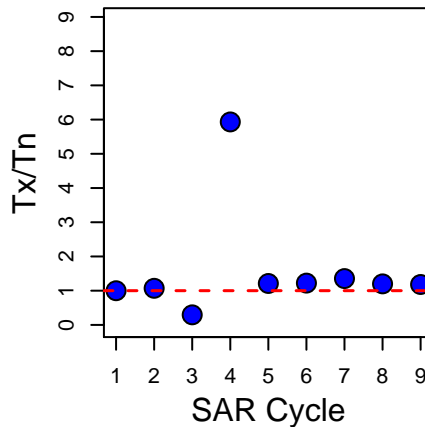
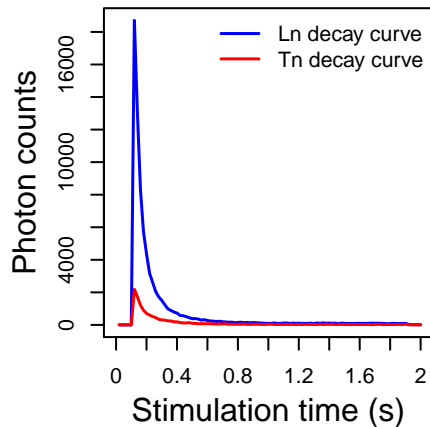
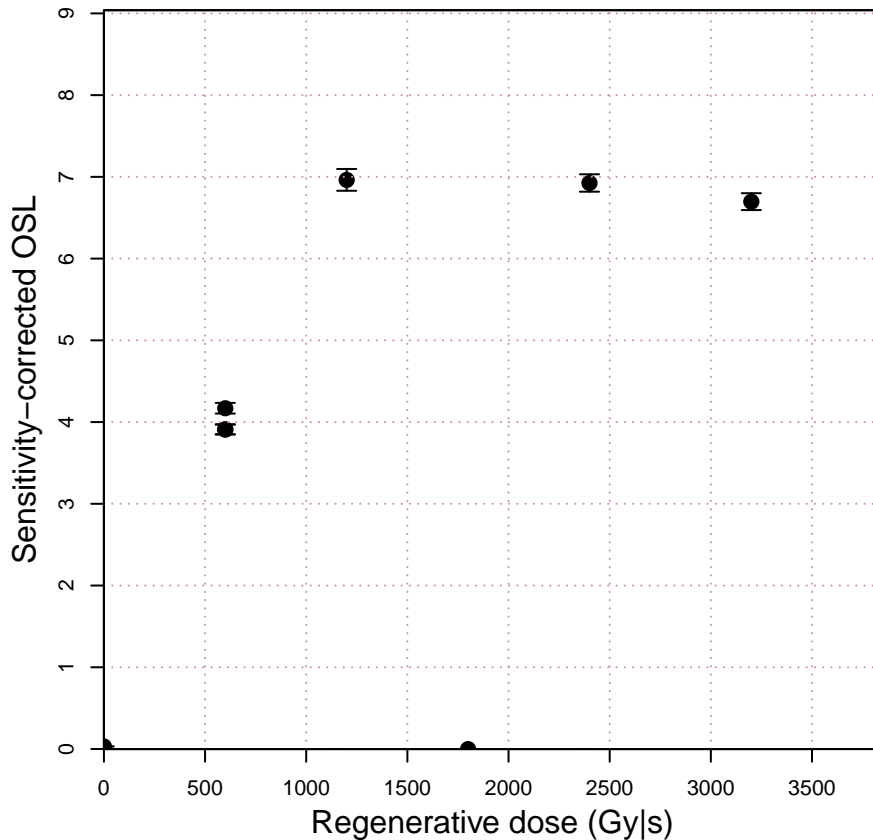
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=303, Position=7, Grain=3]

Status: model fit failed

Tn: 6598.5 +/- 155.62

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 50.06 +/- 4.36

RSE of Tn: 2.36 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 0.94 +/- 0.04

Recycling ratio 3: 1 +/- 0.04

Recuperation 1: 0.42 +/- 0.04 (%)

Recuperation 2: 0.45 +/- 0.04 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

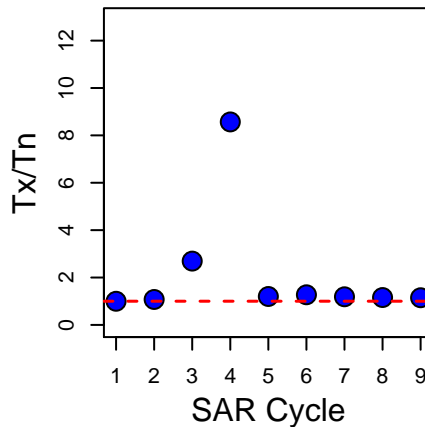
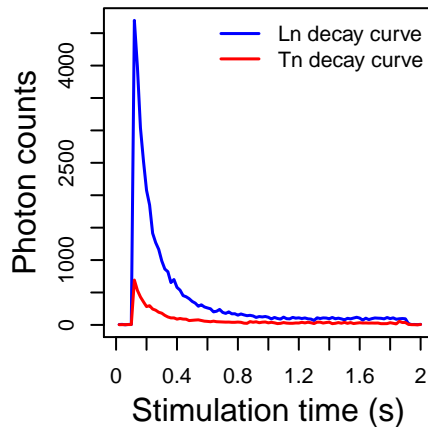
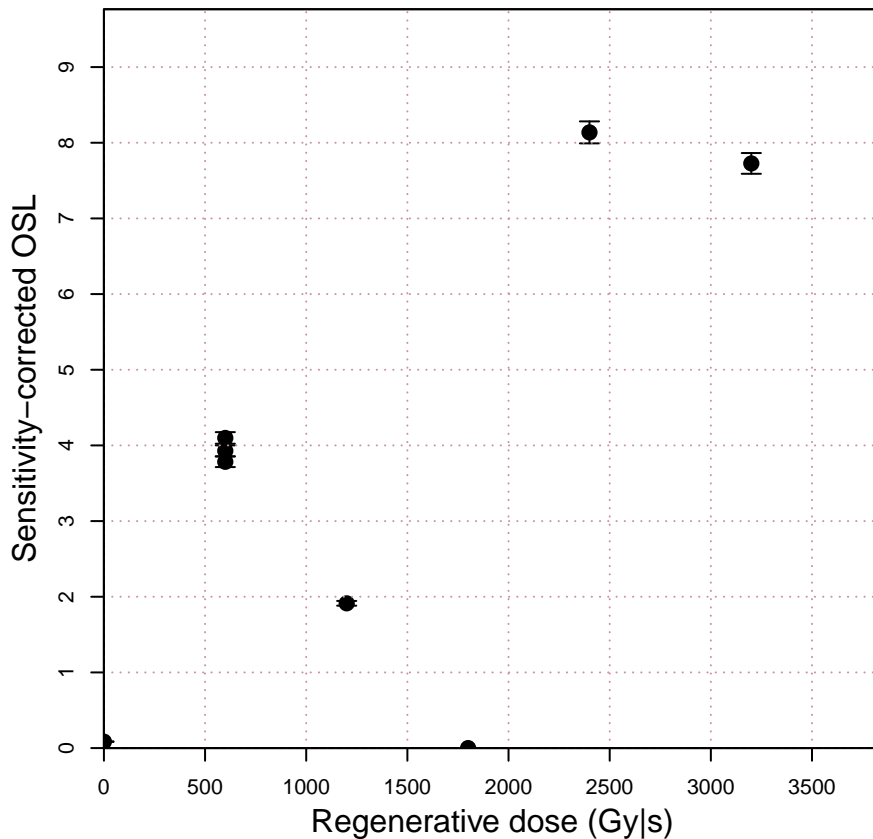
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=304, Position=7, Grain=4]

Status: model fit failed

Tn: 2149 +/- 64.91

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 15.82 +/- 1.35

RSE of Tn: 3.02 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 0.96 +/- 0.05

Recuperation 1: 1.16 +/- 0.12 (%)

Recuperation 2: 1.05 +/- 0.1 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

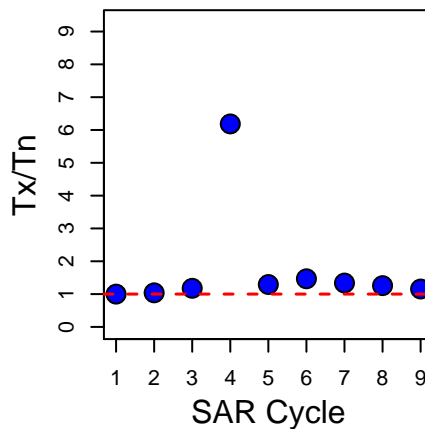
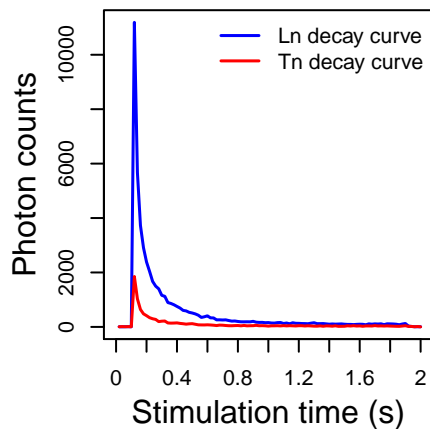
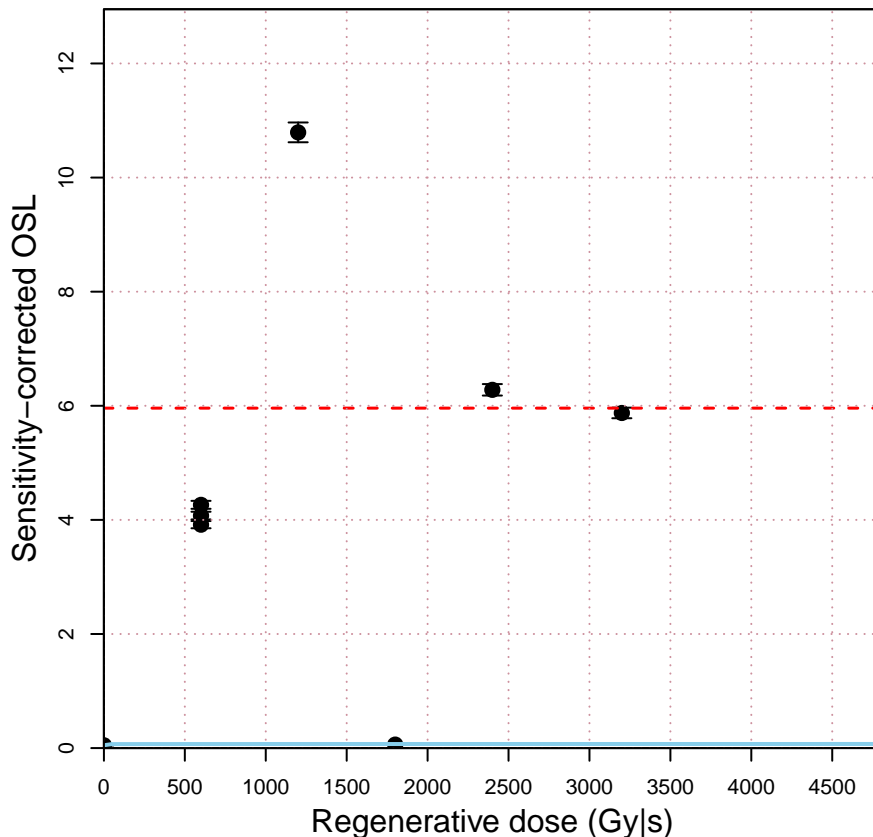
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=305, Position=7, Grain=5]

Status: Ln/Tn saturated

Tn: 4256 +/- 108.35

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.77 +/- 2.24

RSE of Tn: 2.55 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.04

Recycling ratio 2: 1.05 +/- 0.05

Recycling ratio 3: 1.09 +/- 0.05

Recuperation 1: 0.83 +/- 0.07 (%)

Recuperation 2: 0.46 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5606.57

Average error in fit: 1.92

Reduced Chi-Square: 1868.86

Figure Of Merit: 6351.12 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

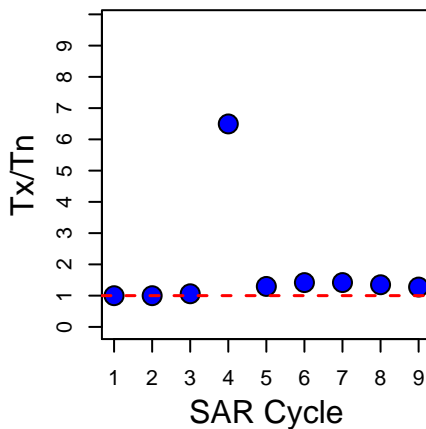
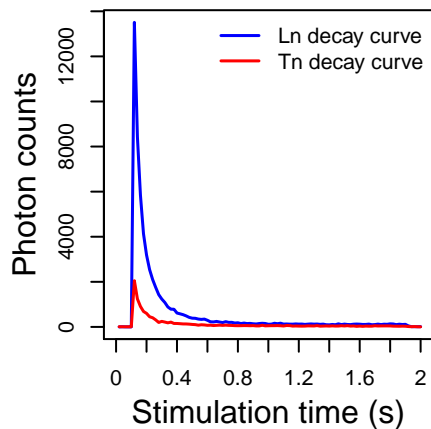
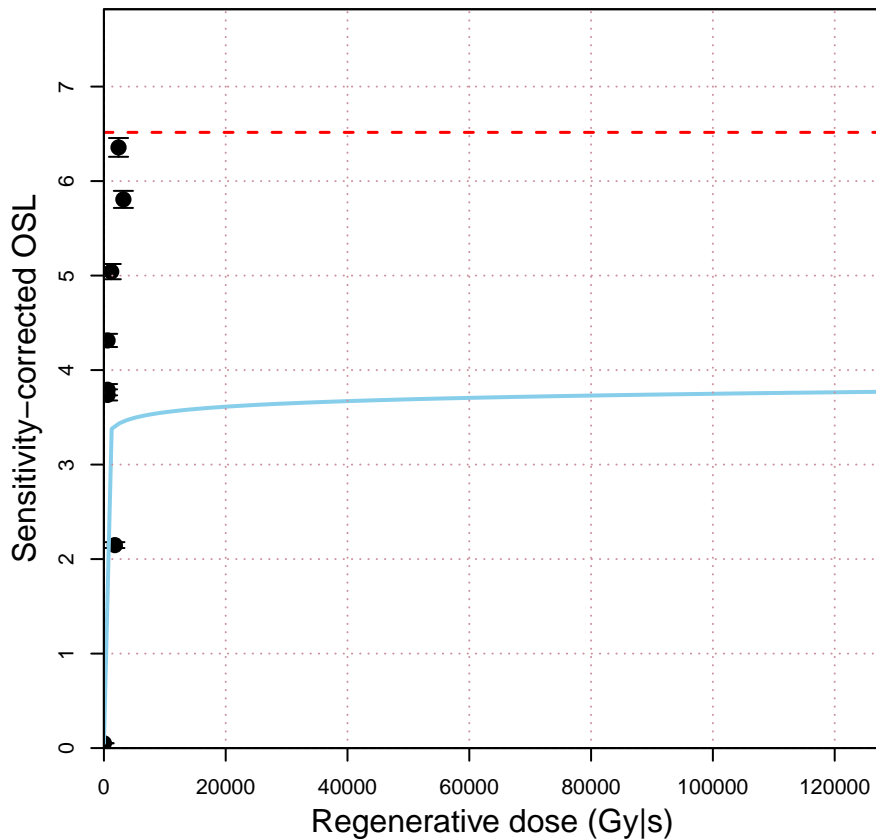
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=306, Position=7, Grain=6]

Status: Ln/Tn saturated

Tn: 5297.5 +/- 129.63

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.4 +/- 2.19

RSE of Tn: 2.45 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.79 +/- 0.06 (%)

Recuperation 2: 0.81 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 981.2

Average error in fit: 0.56

Reduced Chi-Square: 327.07

Figure Of Merit: 42.69 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

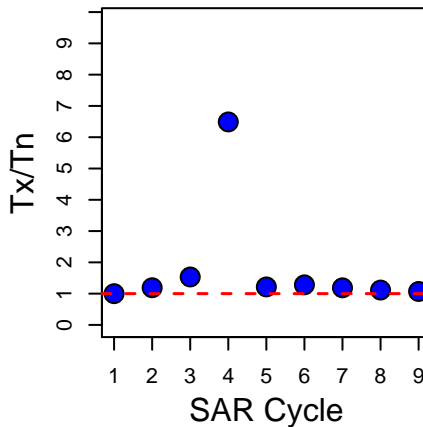
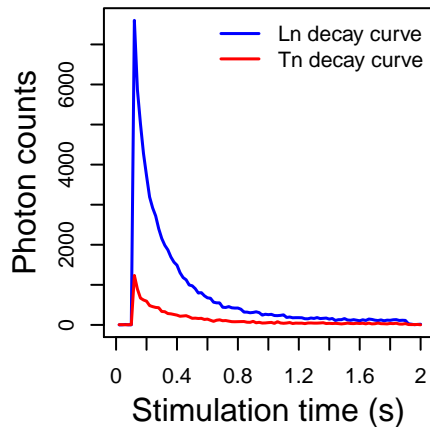
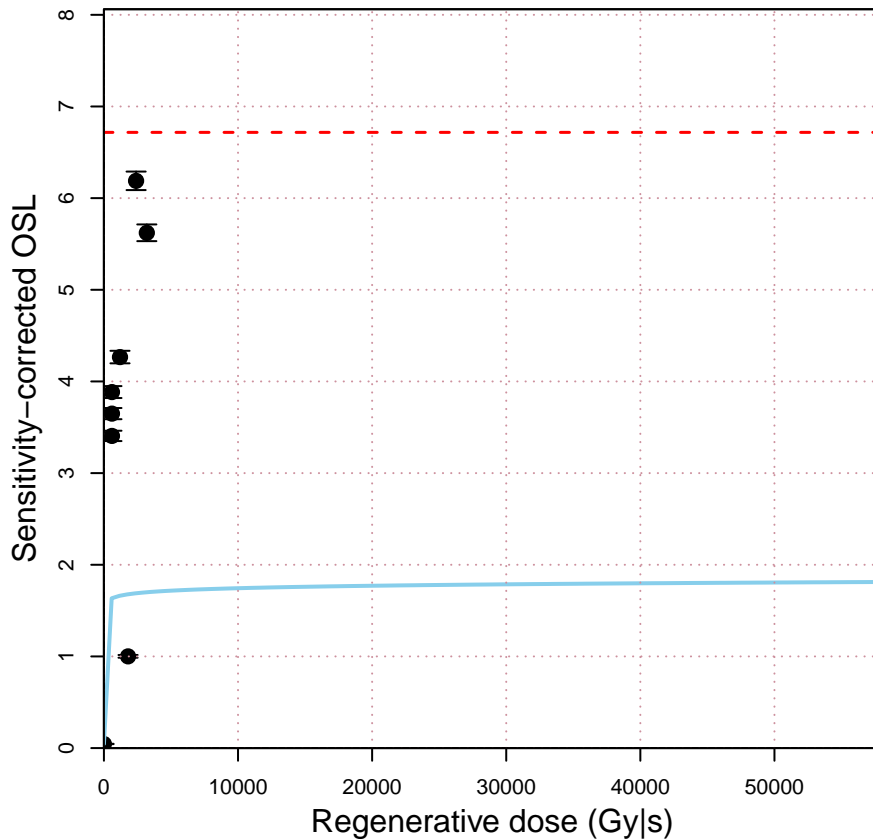
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=307, Position=7, Grain=7]

Status: Ln/Tn saturated

Tn: 3857 \pm 100.22

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 25.57 \pm 2.08

RSE of Tn: 2.6 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.07 \pm 0.05

Recycling ratio 2: 1.14 \pm 0.05

Recycling ratio 3: 1.06 \pm 0.05

Recuperation 1: 0.67 \pm 0.07 (%)

Recuperation 2: 0.73 \pm 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2659.01

Average error in fit: 0.93

Reduced Chi-Square: 886.34

Figure Of Merit: 151.82 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

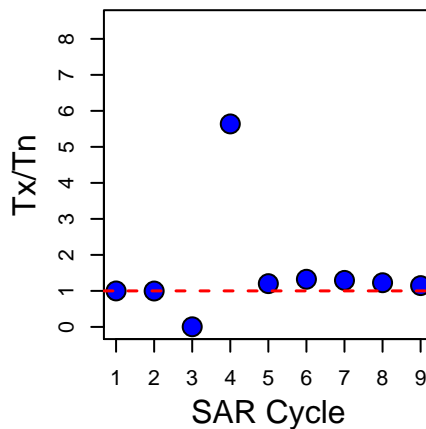
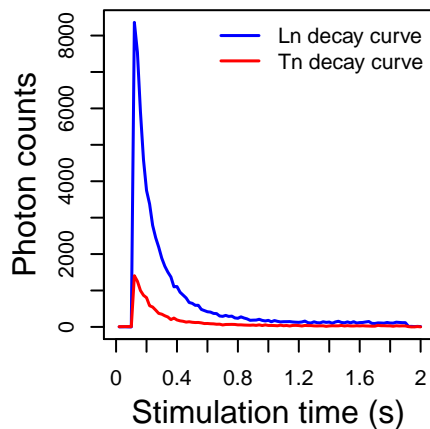
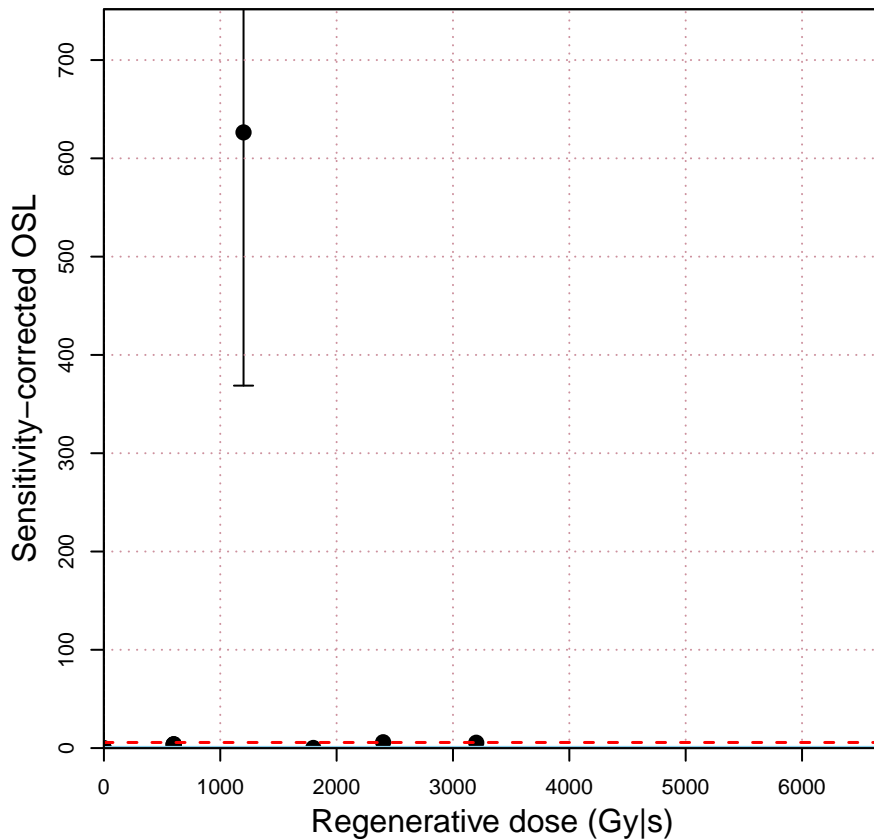
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=308, Position=7, Grain=8]
=====

Status: Ln/Tn saturated
=====

Tn: 5183.5 +/- 127.09
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 36.38 +/- 3.05
RSE of Tn: 2.45 (%)
Fast ratio of Tn: NA +/- NA
=====

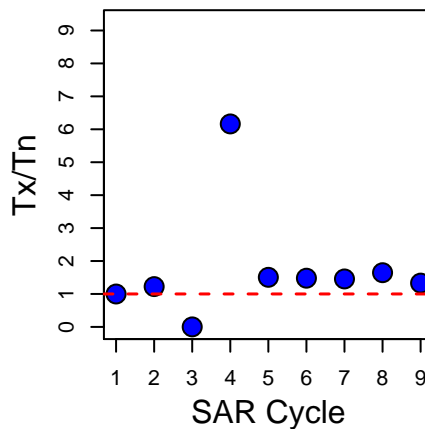
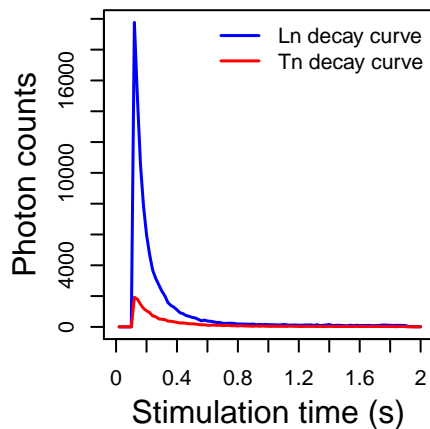
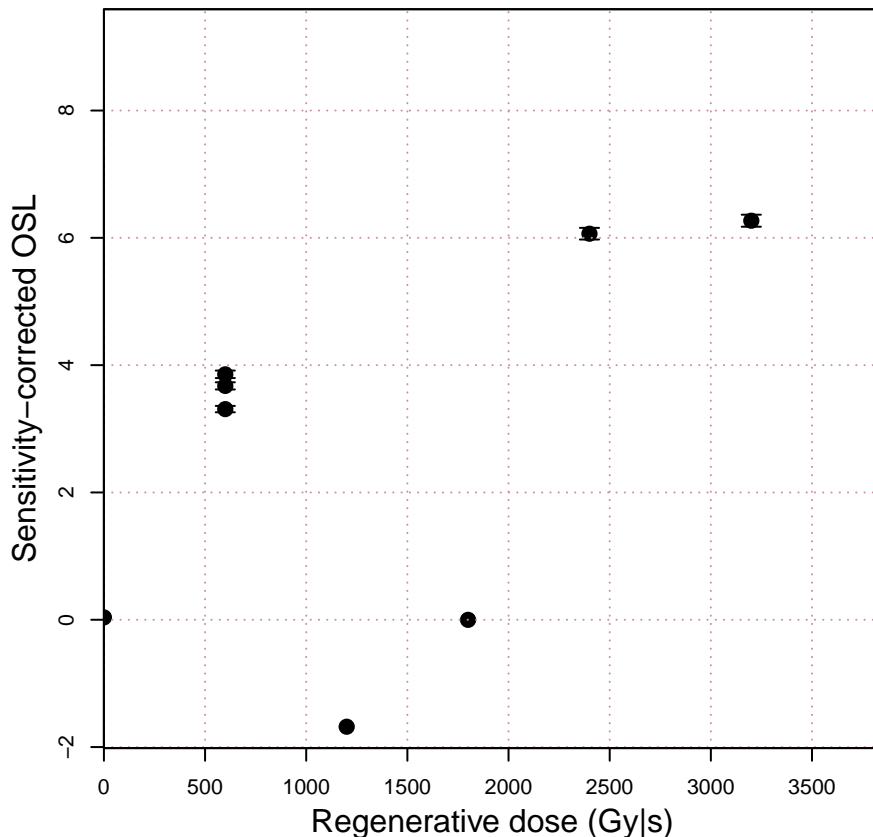
Recycling ratio 1: 0.9 +/- 0.04
Recycling ratio 2: 0.92 +/- 0.04
Recycling ratio 3: 1.02 +/- 0.05
=====

Recuperation 1: 0.67 +/- 0.06 (%)
Recuperation 2: 0.01 +/- 0.01 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 4526.33
Average error in fit: 78.29
Reduced Chi-Square: 1508.78
Figure Of Merit: 43157.22 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=309, Position=7, Grain=9]
=====

Status: model fit failed
=====

Tn: 7326 +/- 170.24
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 60.08 +/- 5.44
RSE of Tn: 2.32 (%)
Fast ratio of Tn: NA +/- NA
=====

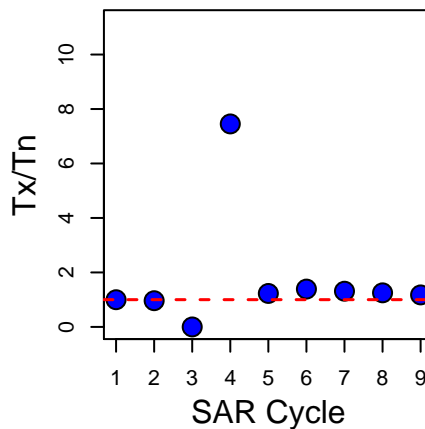
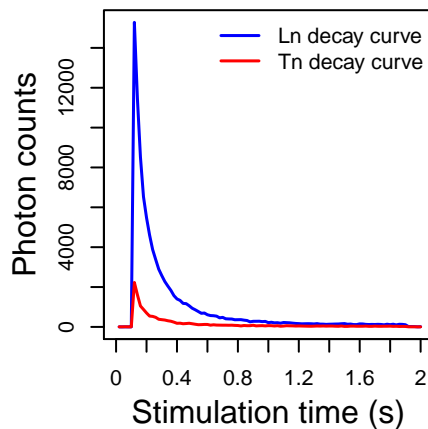
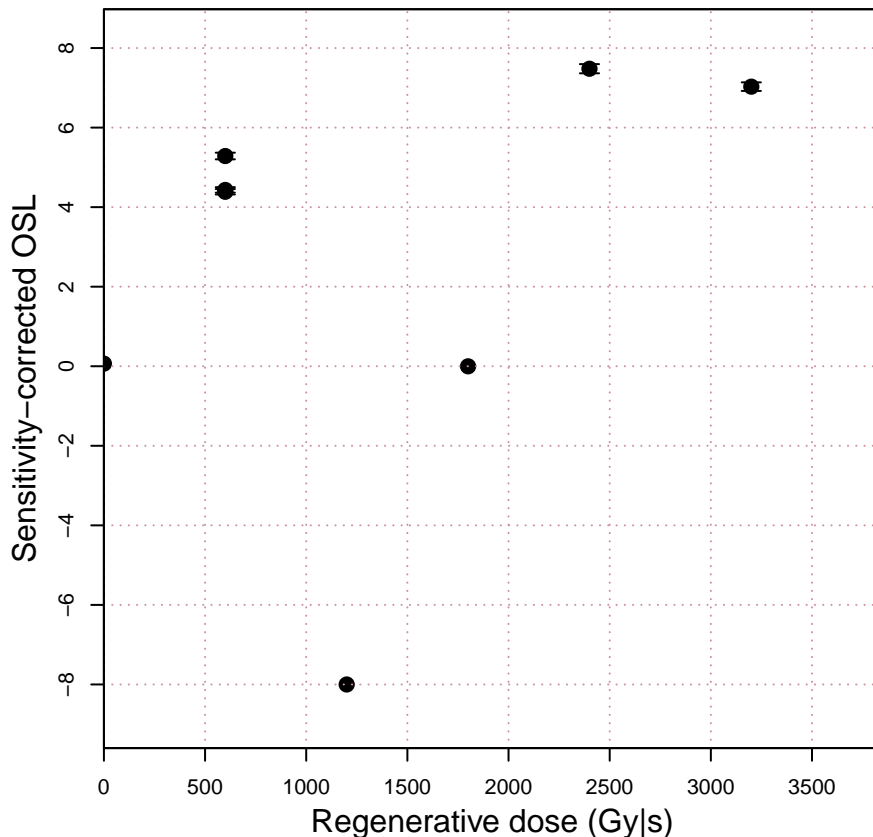
Recycling ratio 1: 0.9 +/- 0.04
Recycling ratio 2: 1.05 +/- 0.05
Recycling ratio 3: 1.17 +/- 0.05
=====

Recuperation 1: 0.47 +/- 0.03 (%)
Recuperation 2: 0.6 +/- 0.04 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=310, Position=7, Grain=10]

Status: model fit failed

Tn: 6318.5 +/- 150.03

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 43.84 +/- 3.65

RSE of Tn: 2.37 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.84 +/- 0.04

Recycling ratio 2: 0.83 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 0.89 +/- 0.06 (%)

Recuperation 2: 0.88 +/- 0.06 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

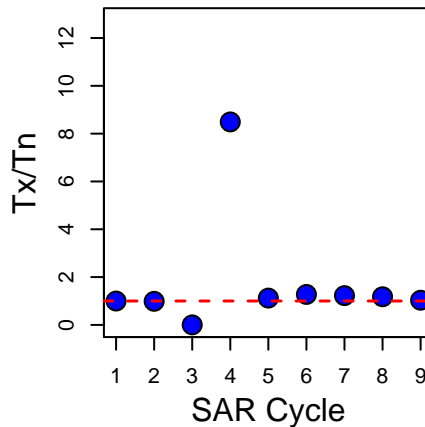
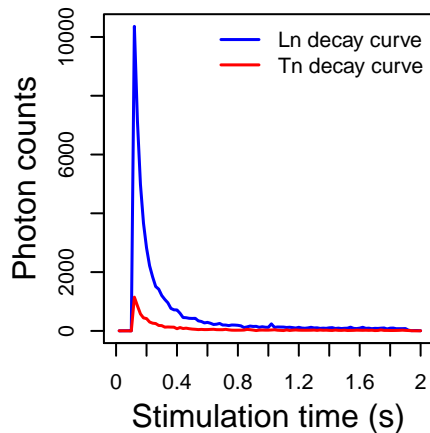
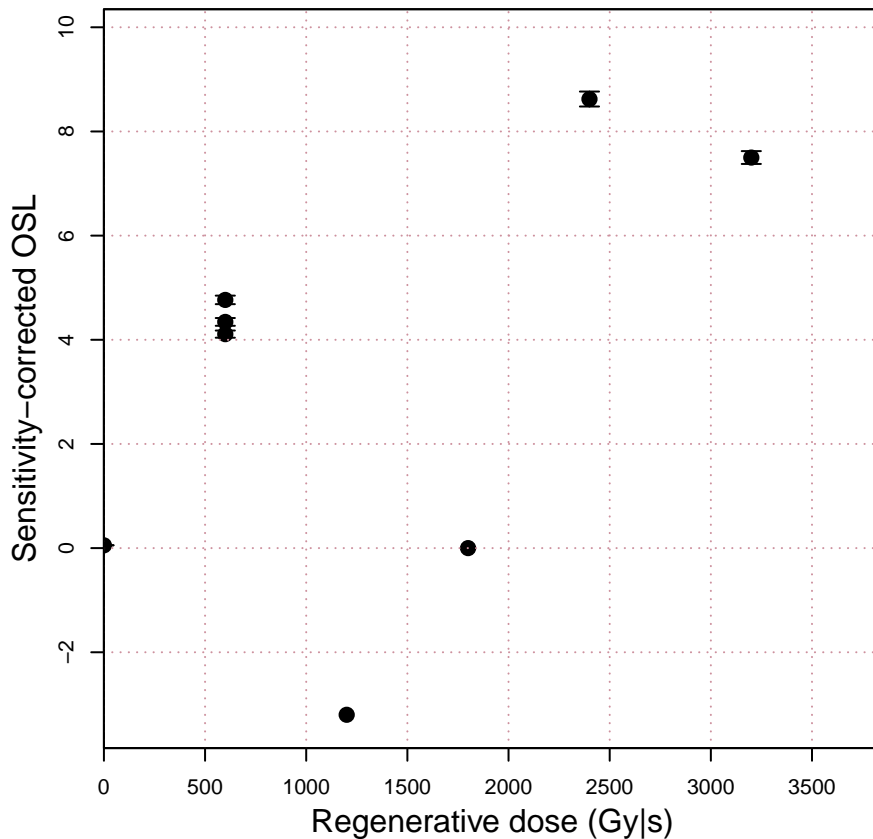
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=311, Position=7, Grain=11]

Status: model fit failed

Tn: 3350 +/- 89.33

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.64 +/- 3.83

RSE of Tn: 2.67 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.86 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 1.06 +/- 0.05

Recuperation 1: 0.63 +/- 0.06 (%)

Recuperation 2: 0.62 +/- 0.06 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

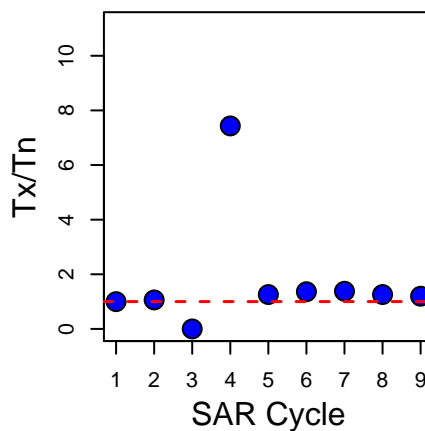
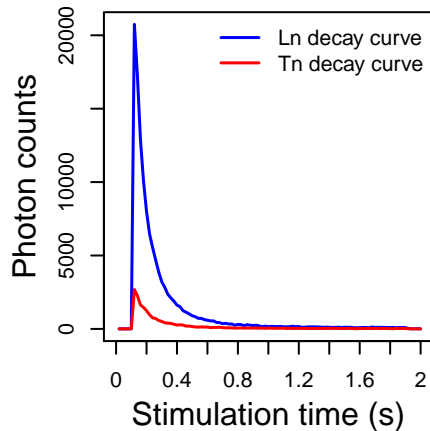
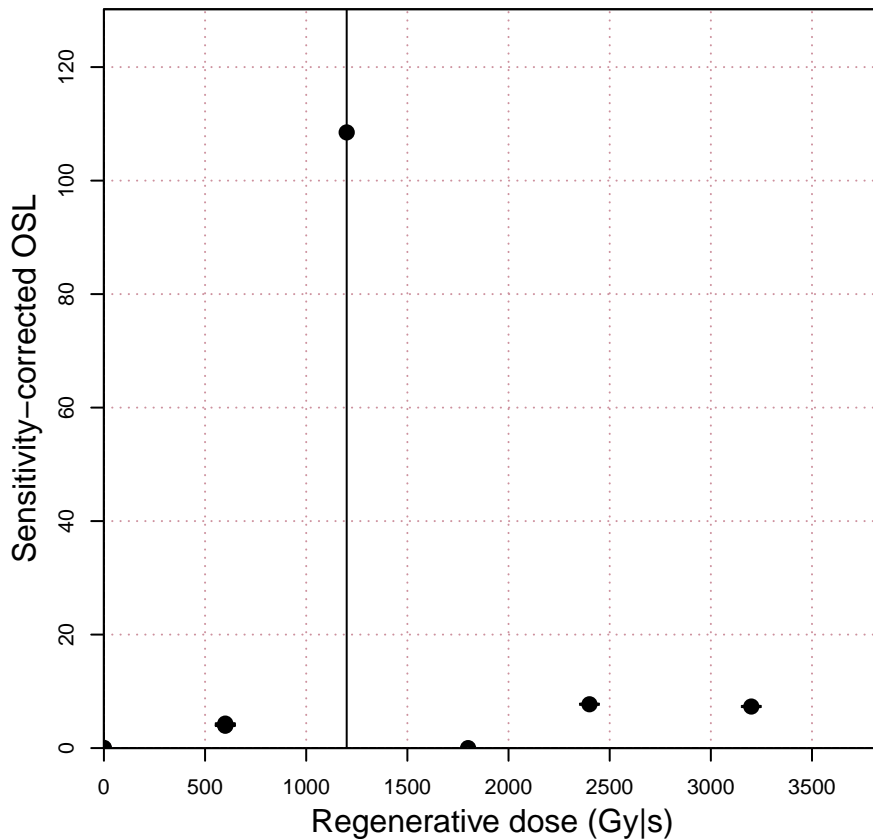
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=312, Position=7, Grain=12]

Status: model fit failed

Tn: 9159.5 +/- 207.14

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 73.41 +/- 6.57

RSE of Tn: 2.26 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.94 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.04

Recuperation 1: 0.55 +/- 0.04 (%)

Recuperation 2: 0.04 +/- 0.66 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

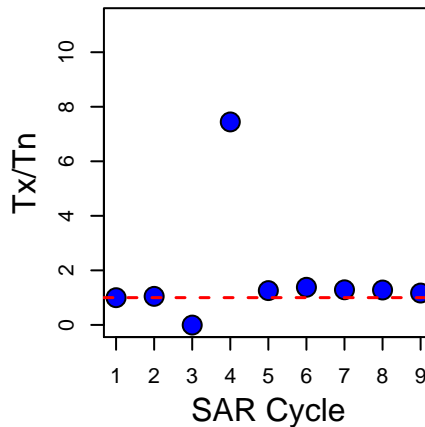
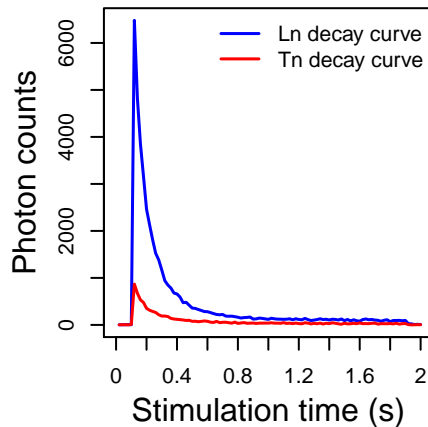
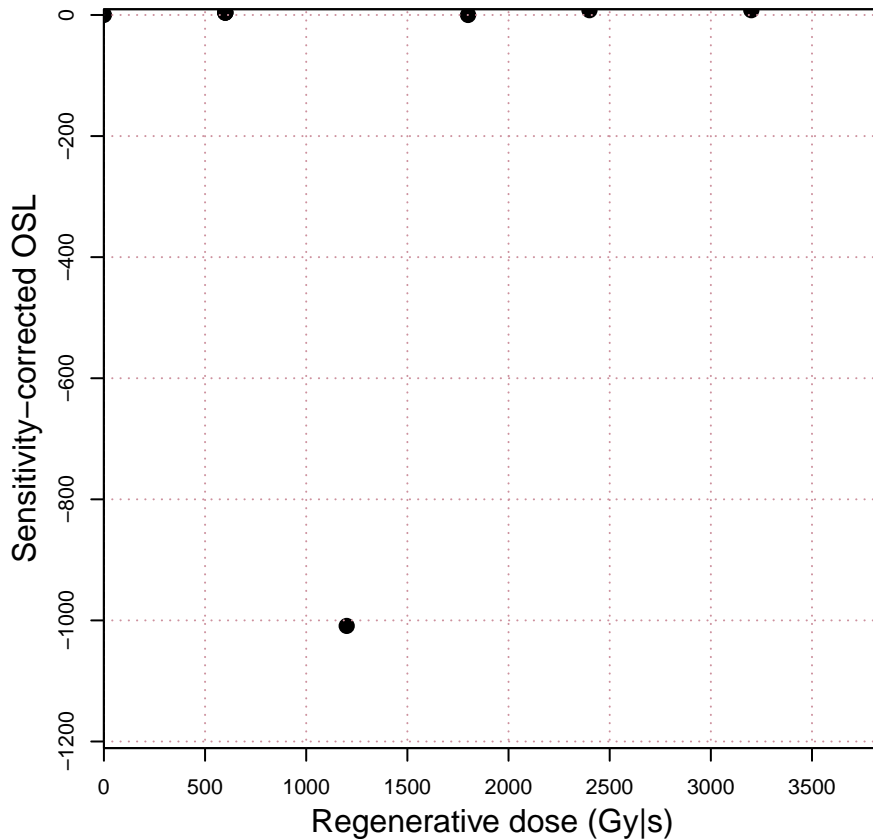
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=313, Position=7, Grain=13]

Status: model fit failed

Tn: 2777 \pm 77.8

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 22.87 \pm 2.07

RSE of Tn: 2.8 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.94 \pm 0.05

Recycling ratio 2: 1.02 \pm 0.05

Recycling ratio 3: 1.09 \pm 0.05

Recuperation 1: 0.8 \pm 0.08 (%)

Recuperation 2: 0.73 \pm 0.08 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

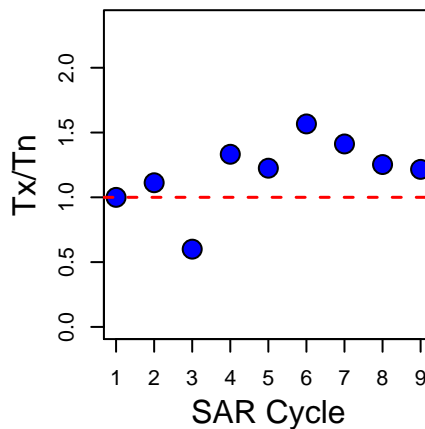
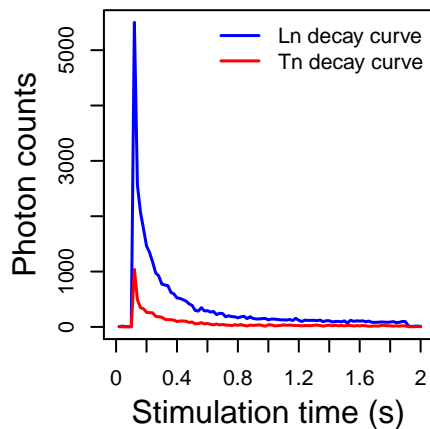
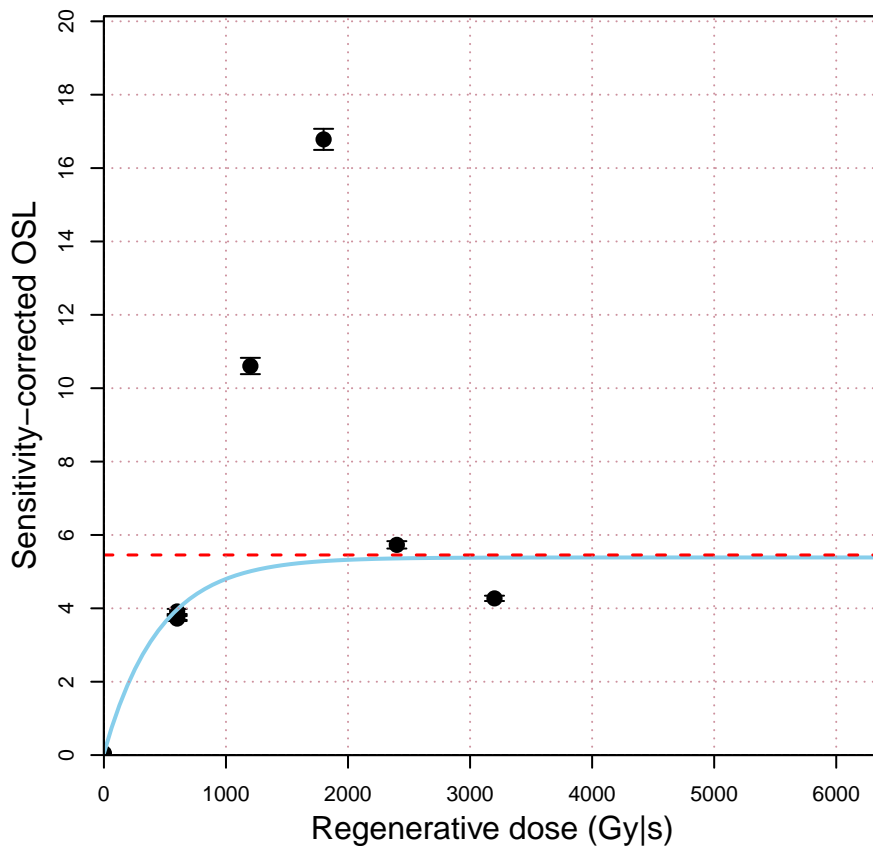
ED: NA \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=314, Position=7, Grain=14]

Status: Ln/Tn saturated

Tn: 2371.5 \pm 69.06

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 25.08 \pm 2.58

RSE of Tn: 2.91 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.05 \pm 0.05

Recycling ratio 2: 1.01 \pm 0.05

Recycling ratio 3: 0.96 \pm 0.05

Recuperation 1: 0.9 \pm 0.1 (%)

Recuperation 2: 0.29 \pm 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 626.41

Average error in fit: 1.61

Reduced Chi-Square: 208.8

Figure Of Merit: 57.85 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

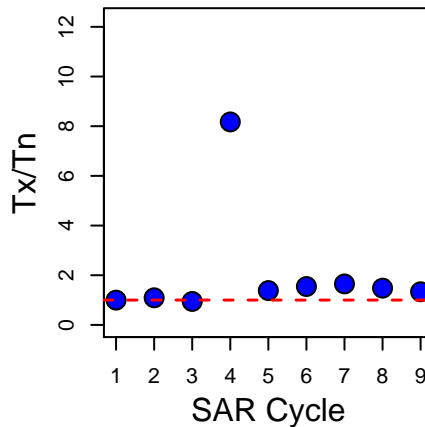
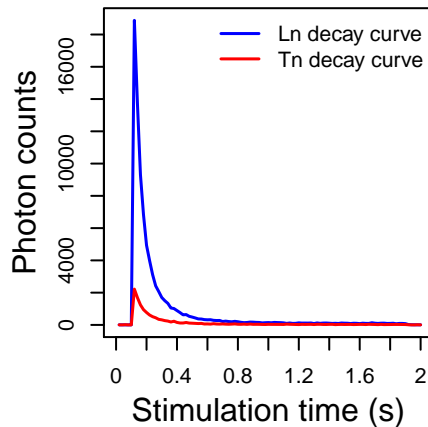
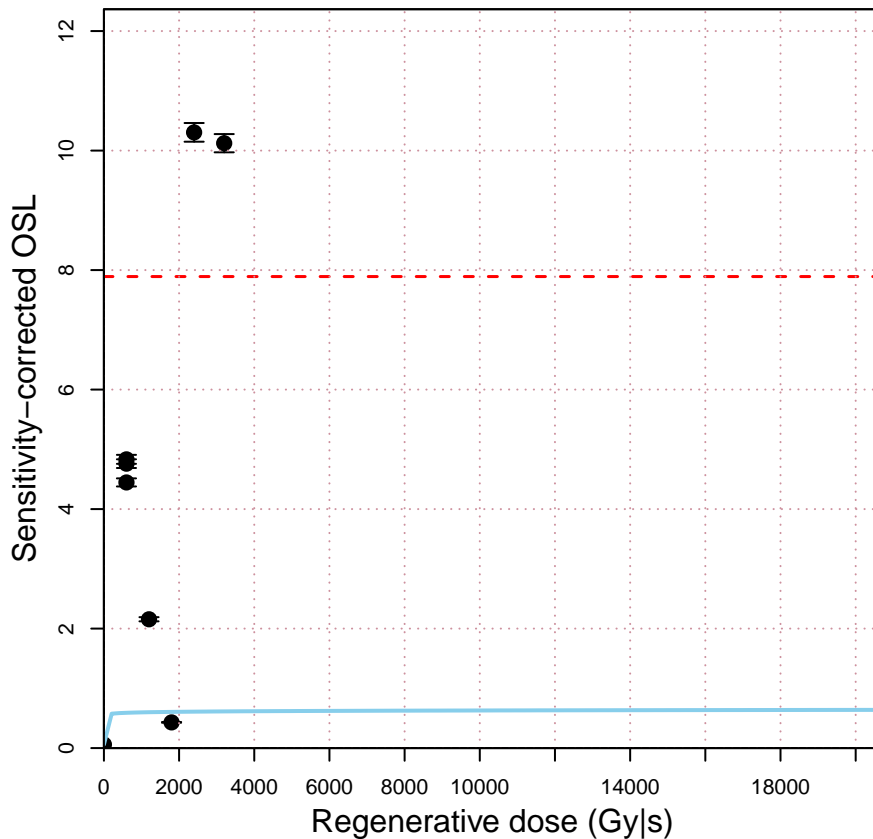
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=315, Position=7, Grain=15]

Status: Ln/Tn saturated

Tn: 6747 +/- 158.56

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 55.41 +/- 5.02

RSE of Tn: 2.35 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.99 +/- 0.04

Recycling ratio 3: 1.07 +/- 0.05

Recuperation 1: 0.77 +/- 0.05 (%)

Recuperation 2: 0.59 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5053.19

Average error in fit: 1.92

Reduced Chi-Square: 1684.4

Figure Of Merit: 778.99 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

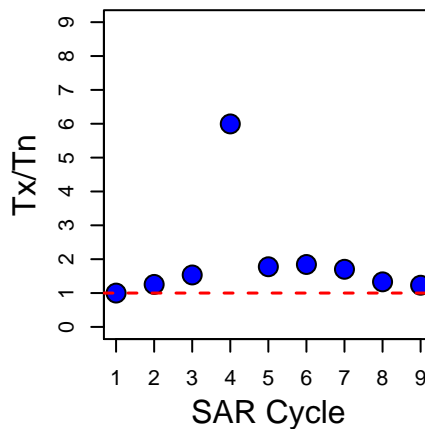
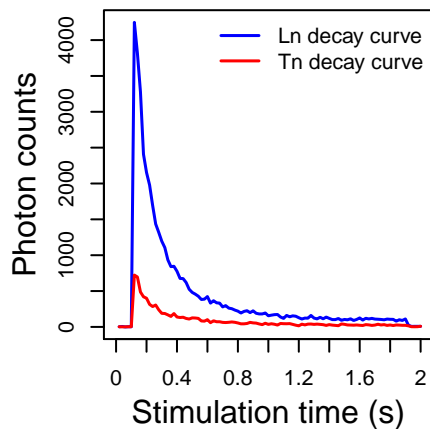
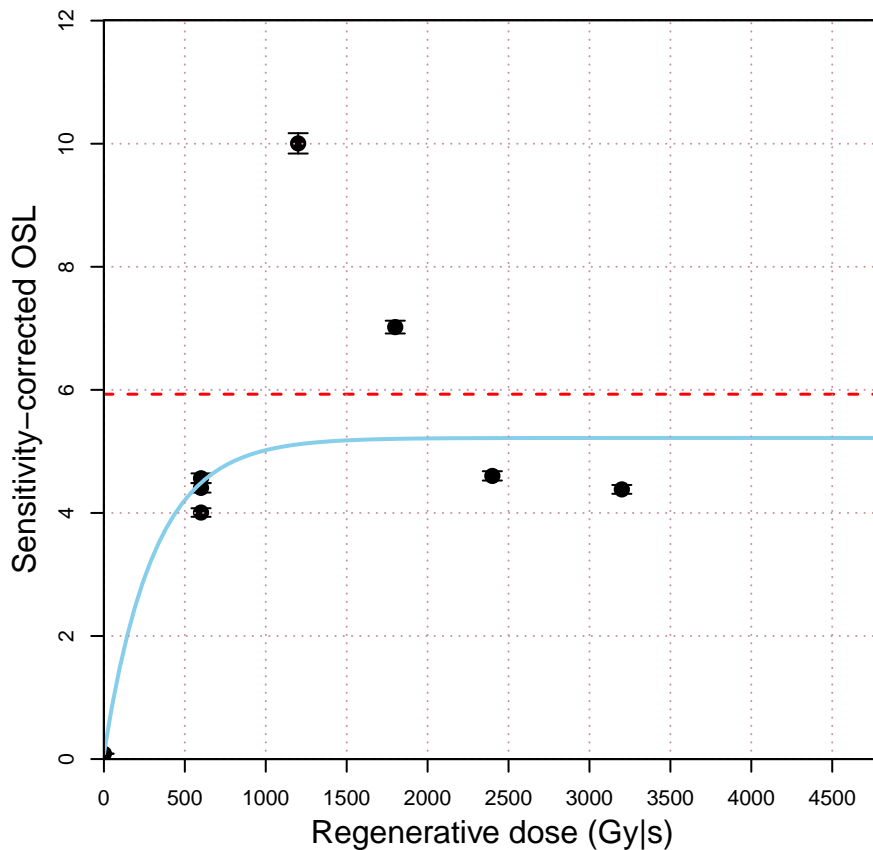
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=316, Position=7, Grain=16]

Status: Ln/Tn saturated

Tn: 2596.5 +/- 74.08

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.05 +/- 1.89

RSE of Tn: 2.85 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.14 +/- 0.06

Recycling ratio 2: 1.1 +/- 0.05

Recycling ratio 3: 0.97 +/- 0.05

Recuperation 1: 1.48 +/- 0.11 (%)

Recuperation 2: 0.88 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 357.99

Average error in fit: 0.67

Reduced Chi-Square: 119.33

Figure Of Merit: 25.64 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

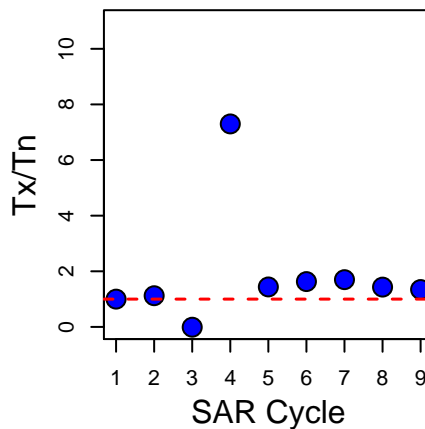
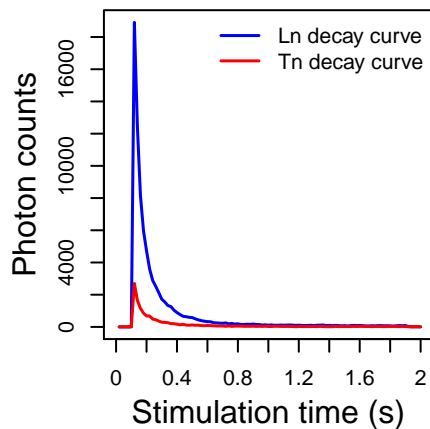
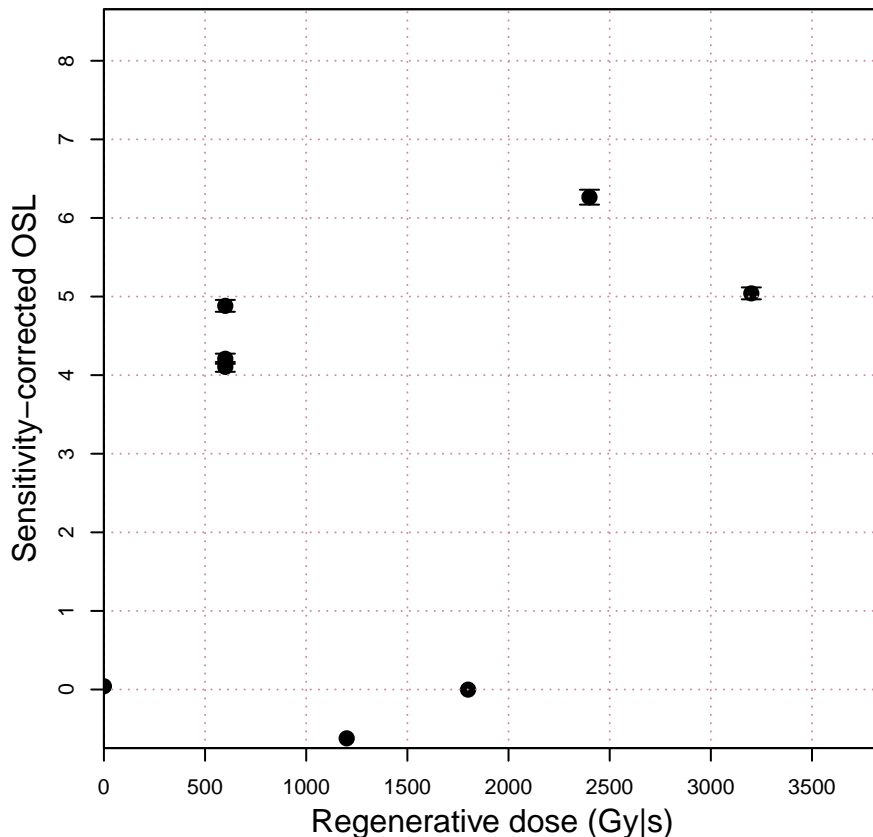
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=321, Position=7, Grain=21]
=====

Status: model fit failed
=====

Tn: 6902.5 +/- 161.74
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 53.09 +/- 4.66
RSE of Tn: 2.34 (%)
Fast ratio of Tn: NA +/- NA
=====

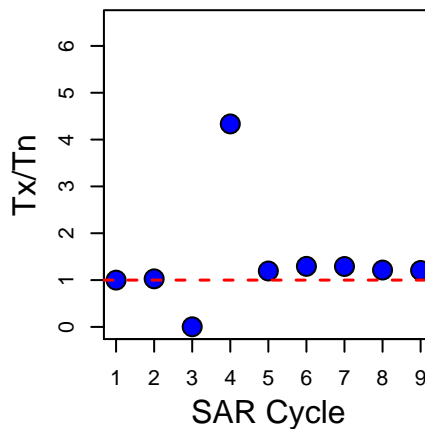
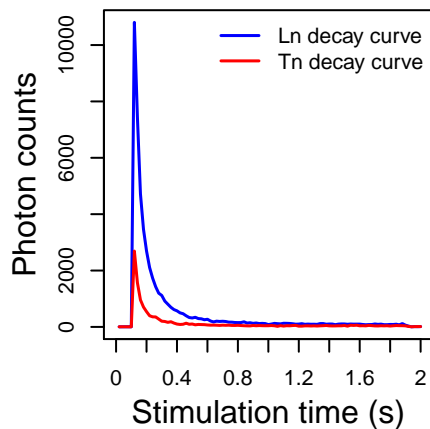
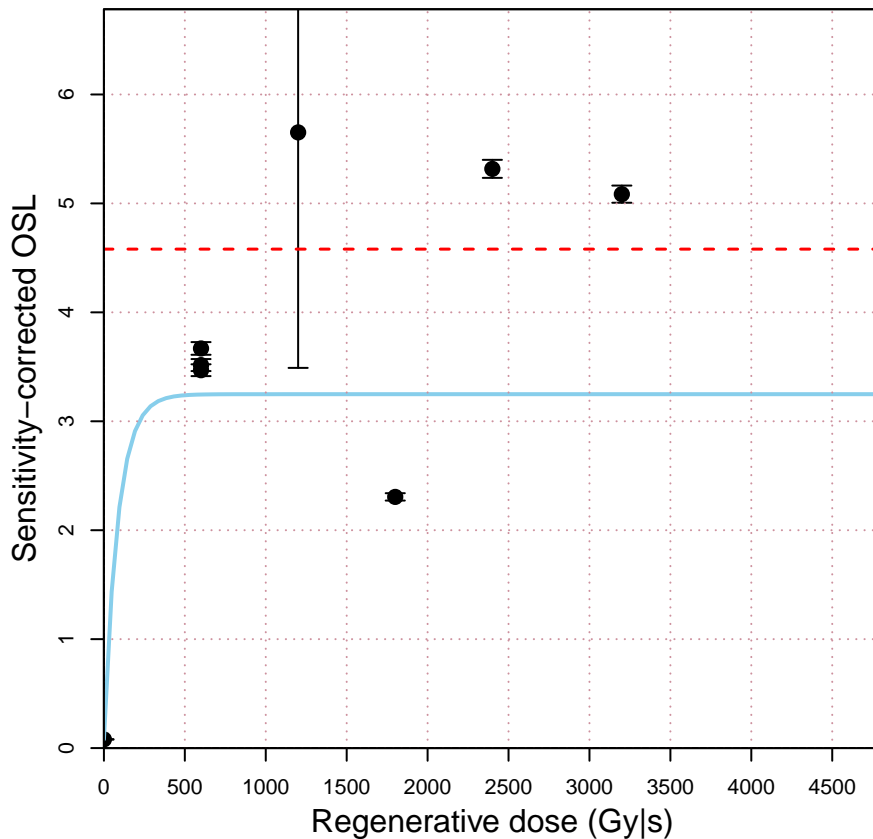
Recycling ratio 1: 0.84 +/- 0.04
Recycling ratio 2: 0.86 +/- 0.04
Recycling ratio 3: 1.03 +/- 0.04
=====

Recuperation 1: 0.58 +/- 0.04 (%)
Recuperation 2: 0.67 +/- 0.04 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=323, Position=7, Grain=23]
=====

Status: Ln/Tn saturated
=====

Tn: 6263 +/- 149.16
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 32.63 +/- 2.35
RSE of Tn: 2.38 (%)
Fast ratio of Tn: NA +/- NA
=====

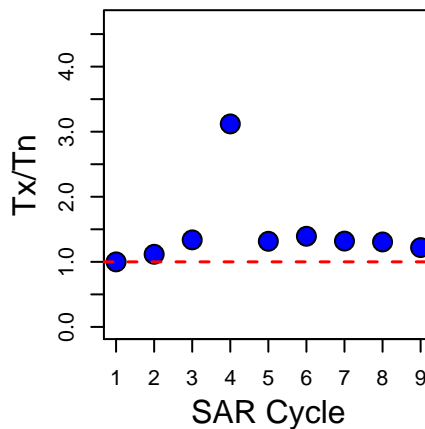
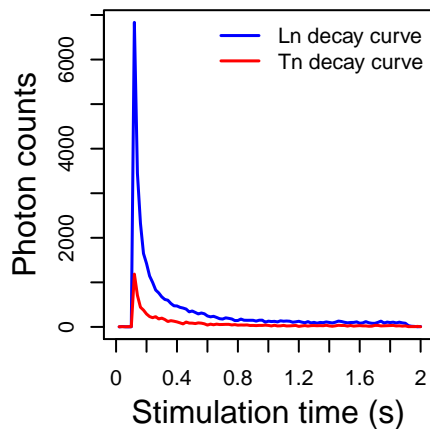
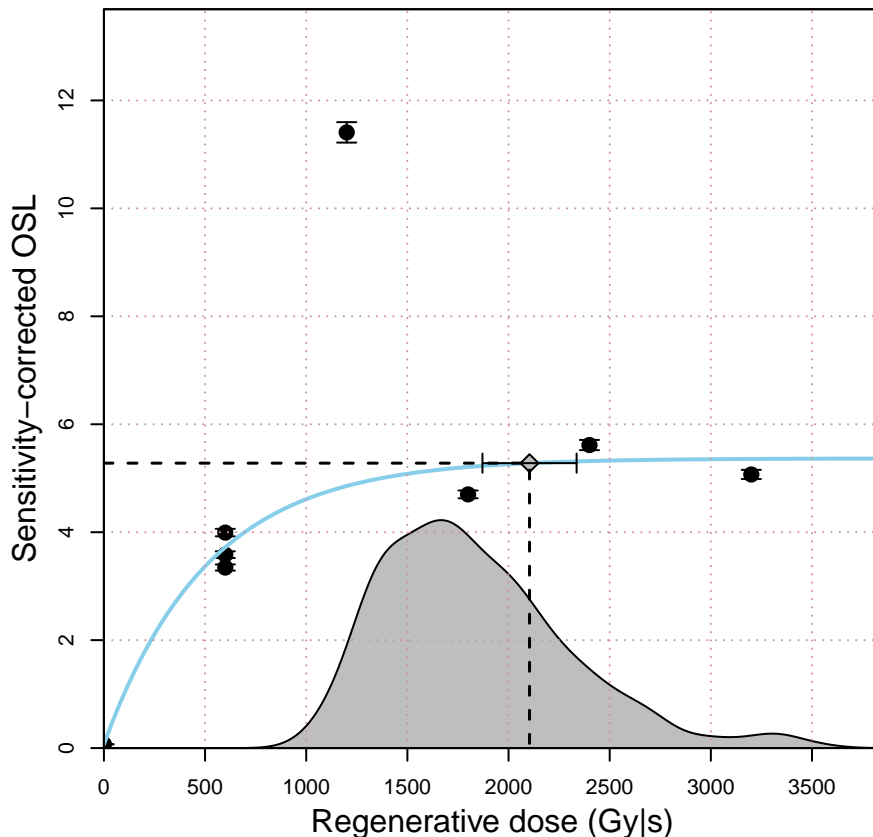
Recycling ratio 1: 0.95 +/- 0.04
Recycling ratio 2: 0.96 +/- 0.04
Recycling ratio 3: 1.01 +/- 0.04
=====

Recuperation 1: 1.74 +/- 0.11 (%)
Recuperation 2: 1.41 +/- 1.08 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 511.63
Average error in fit: 0.48
Reduced Chi-Square: 170.54
Figure Of Merit: 35.81 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=325, Position=7, Grain=25]

Status: OK

Tn: 2875 +/- 79.83

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 23.46 +/- 2.12

RSE of Tn: 2.78 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.84 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1.07 +/- 0.05

Recuperation 1: 1.34 +/- 0.12 (%)

Recuperation 2: 0.62 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 333.38

Average error in fit: 0.83

Reduced Chi-Square: 111.13

Figure Of Merit: 26.36 (%)

calED method: Interpolation

MC acceptance-rate: 55.56 (%)

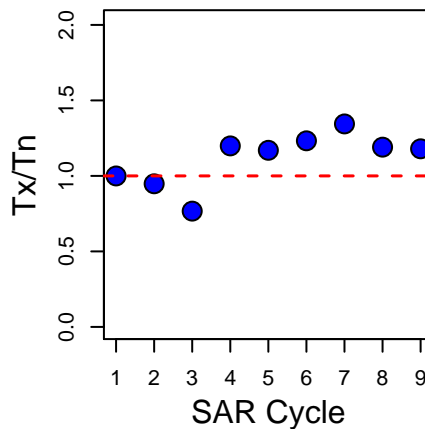
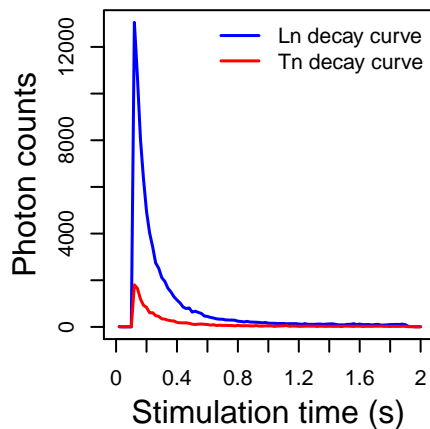
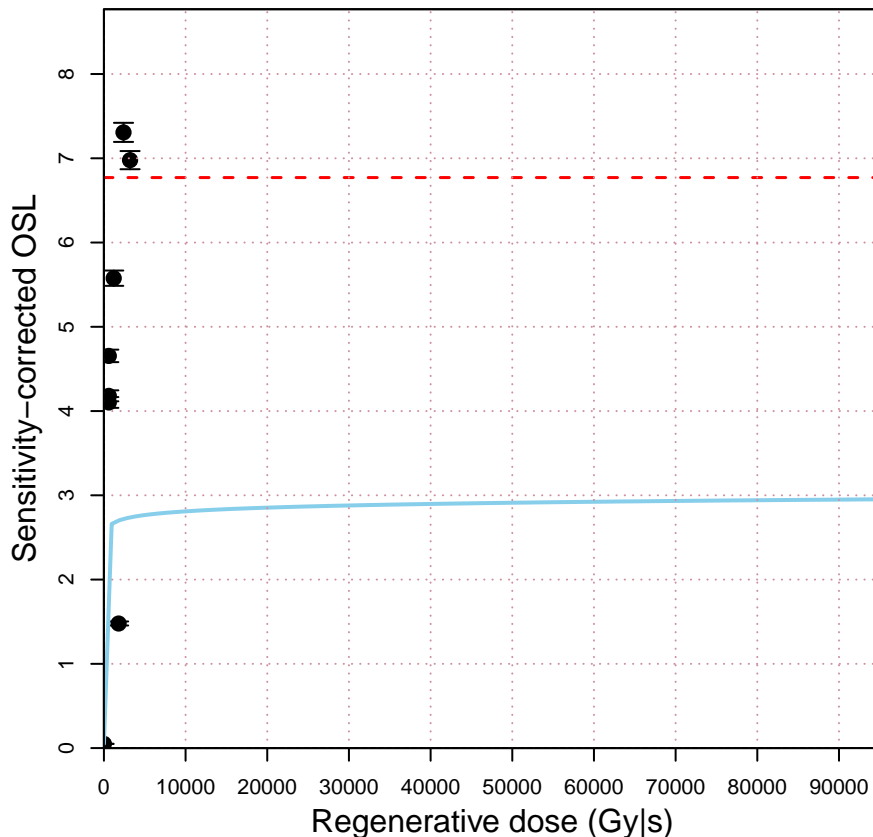
ED: 2103.75 +/- 465.42 (Gy/s)

RSE of ED: 22.12 (%)

95% interval: [1158.35, 2995.49]

68% interval: [1377.87, 2277.92]

Summary



ID: [NO=326, Position=7, Grain=26]

Status: Ln/Tn saturated

Tn: 6296.5 +/- 149.47

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 51.98 +/- 4.72

RSE of Tn: 2.37 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.88 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1.02 +/- 0.04

Recuperation 1: 0.74 +/- 0.05 (%)

Recuperation 2: 0.69 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2168.37

Average error in fit: 0.95

Reduced Chi-Square: 722.79

Figure Of Merit: 95.84 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

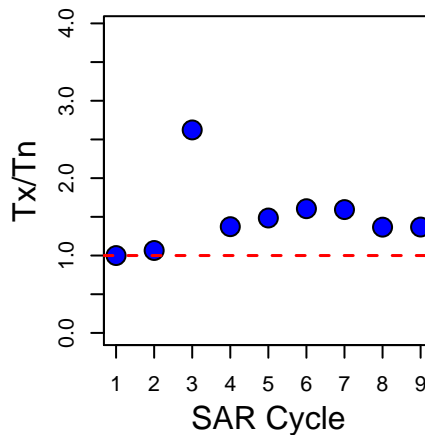
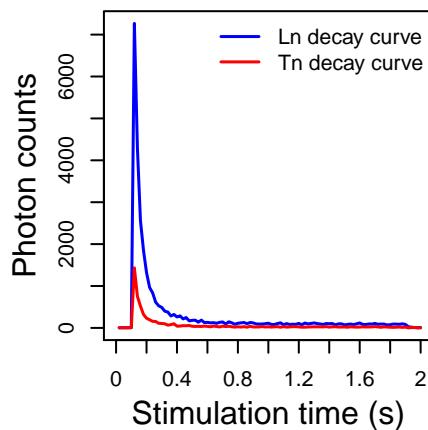
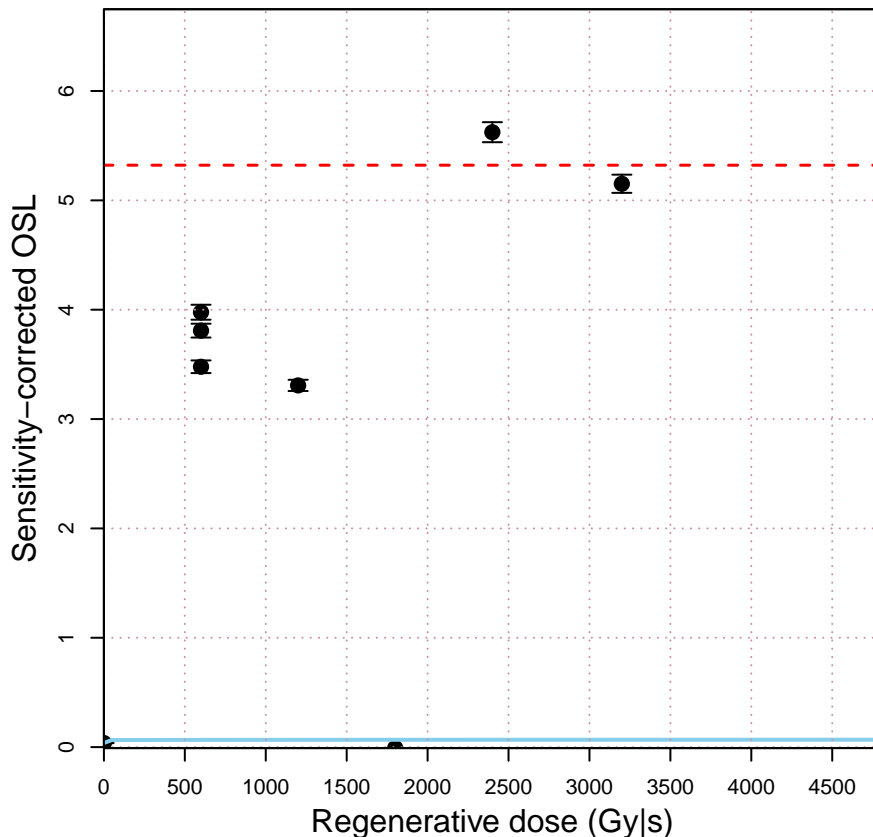
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=327, Position=7, Grain=27]

Status: Ln/Tn saturated

Tn: 3168.5 \pm 85.56

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.01 \pm 3.84

RSE of Tn: 2.7 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.96 \pm 0.05

Recycling ratio 2: 0.87 \pm 0.04

Recycling ratio 3: 0.91 \pm 0.04

Recuperation 1: 0.7 \pm 0.07 (%)

Recuperation 2: 0.67 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5506.19

Average error in fit: 1.3

Reduced Chi-Square: 1835.4

Figure Of Merit: 4953.73 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

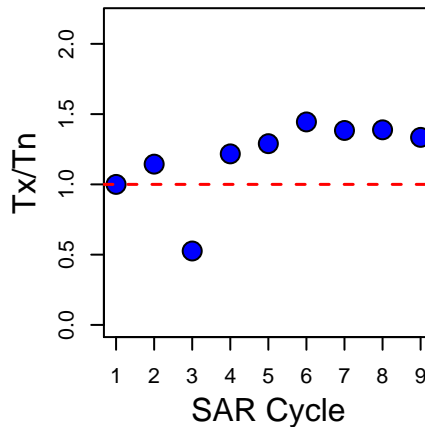
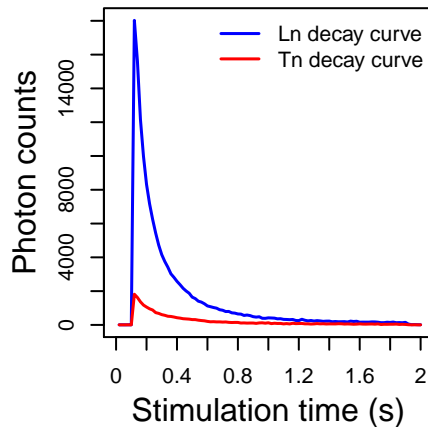
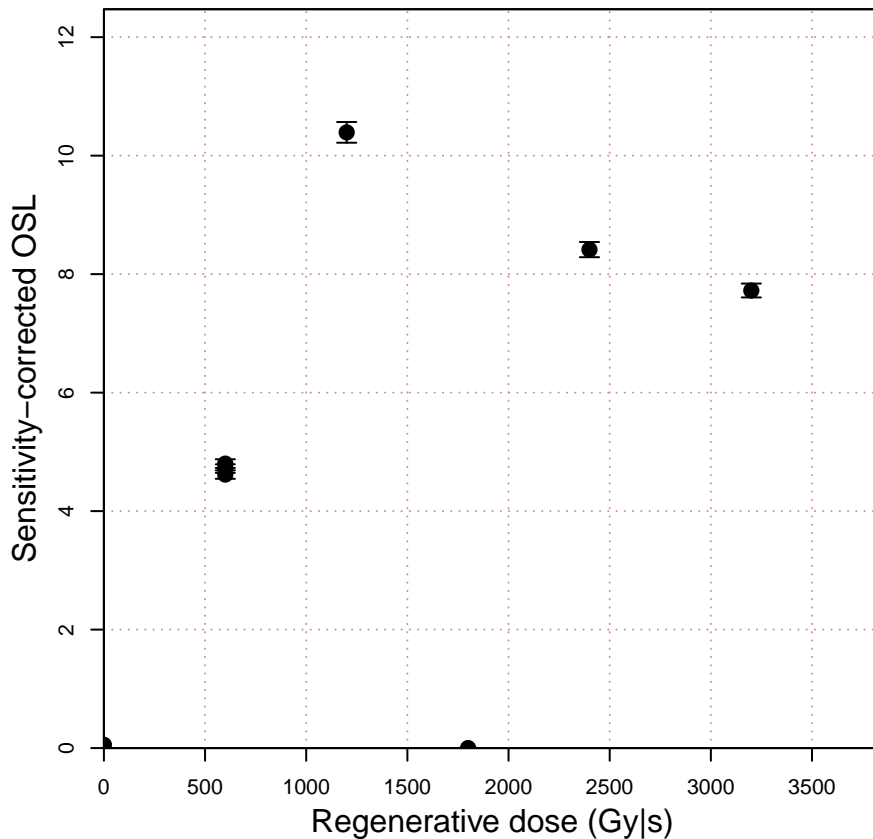
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=328, Position=7, Grain=28]

Status: model fit failed

Tn: 6849 +/- 160.92

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 37.24 +/- 2.74

RSE of Tn: 2.35 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.04 +/- 0.05

Recycling ratio 2: 1.02 +/- 0.04

Recycling ratio 3: 0.98 +/- 0.04

Recuperation 1: 0.61 +/- 0.04 (%)

Recuperation 2: 0.54 +/- 0.04 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

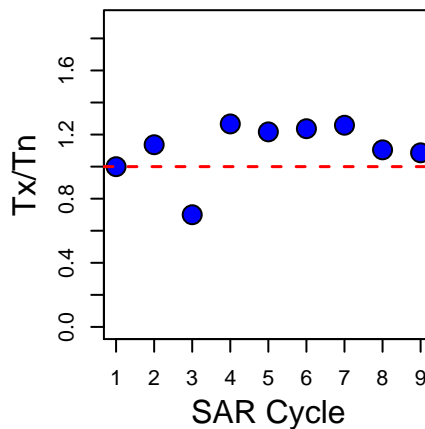
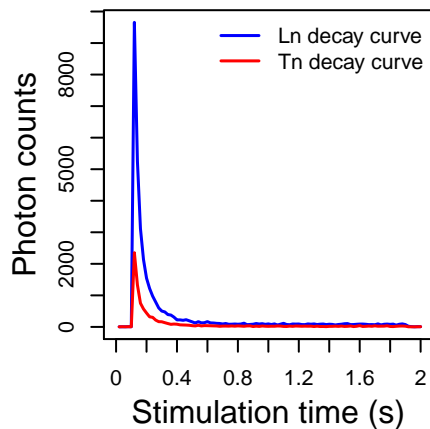
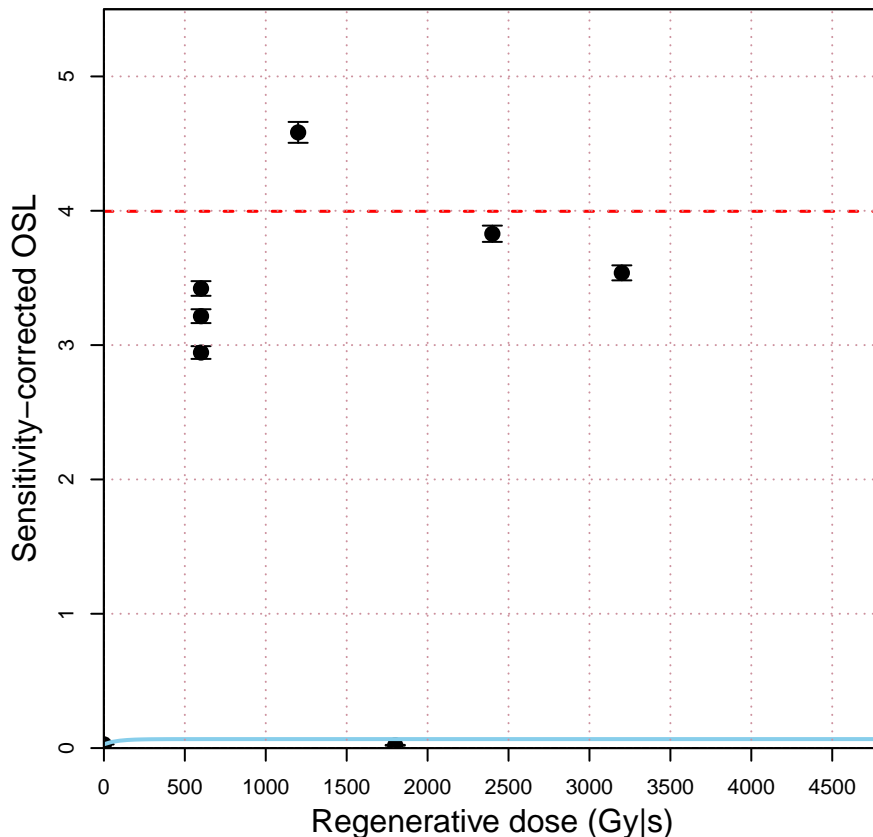
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=329, Position=7, Grain=29]
=====

Status: Ln/Tn saturated
=====

Tn: 5332 +/- 129.9
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 47.77 +/- 4.52
RSE of Tn: 2.44 (%)
Fast ratio of Tn: NA +/- NA
=====

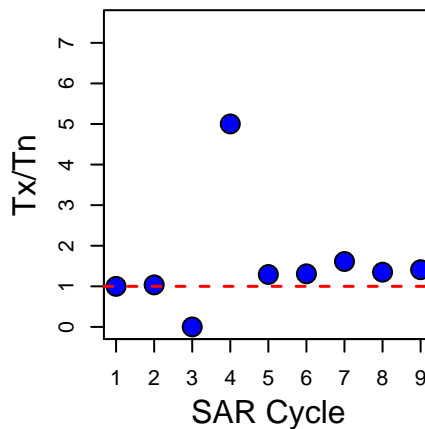
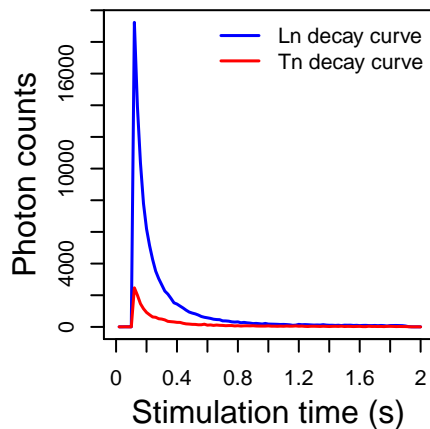
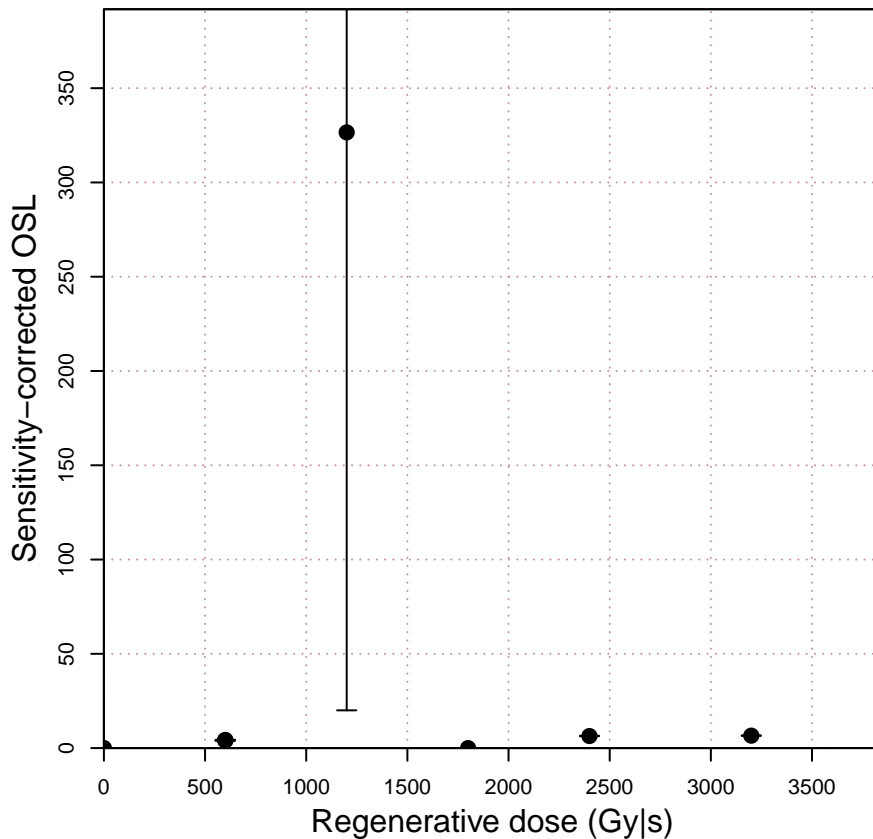
Recycling ratio 1: 0.94 +/- 0.04
Recycling ratio 2: 0.86 +/- 0.04
Recycling ratio 3: 0.92 +/- 0.04
=====

Recuperation 1: 0.7 +/- 0.07 (%)
Recuperation 2: 0.61 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 5634.2
Average error in fit: 1.09
Reduced Chi-Square: 1878.07
Figure Of Merit: 4263.68 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=330, Position=7, Grain=30]

Status: model fit failed

Tn: 7862 \pm 181.08

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 58.81 \pm 5.09

RSE of Tn: 2.3 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.05 \pm 0.05

Recycling ratio 2: 0.96 \pm 0.04

Recycling ratio 3: 0.92 \pm 0.04

Recuperation 1: 0.51 \pm 0.03 (%)

Recuperation 2: 0.01 \pm 0.02 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

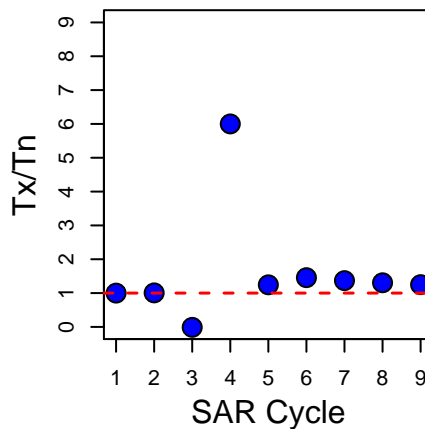
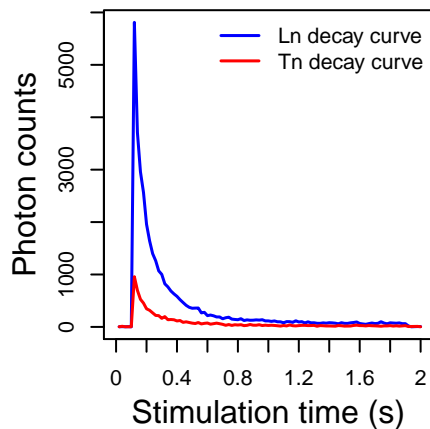
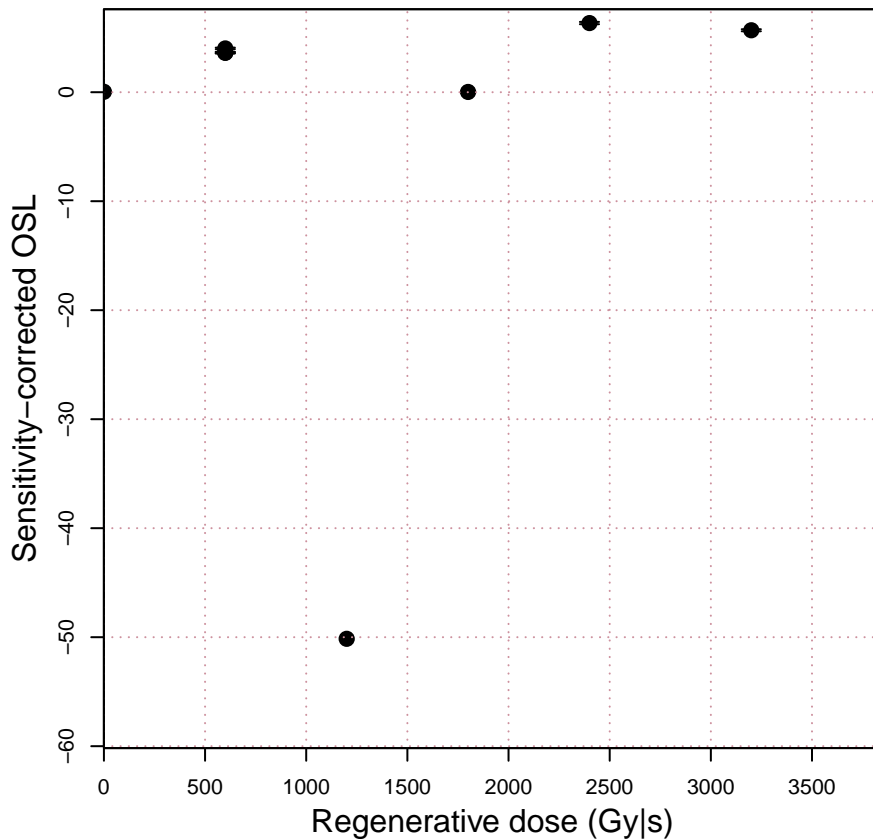
ED: NA \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=331, Position=7, Grain=31]
=====

Status: model fit failed
=====

Tn: 2889.5 +/- 79.81
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 31.9 +/- 3.35
RSE of Tn: 2.76 (%)
Fast ratio of Tn: NA +/- NA
=====

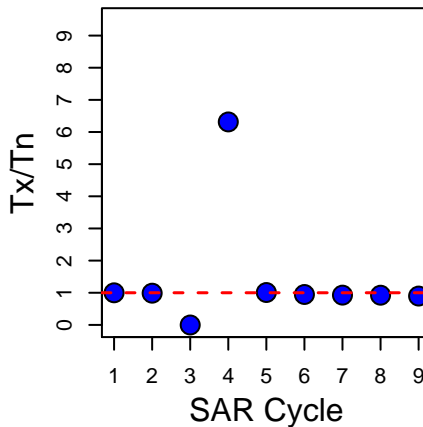
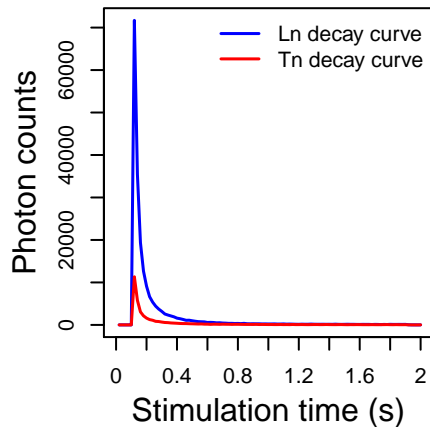
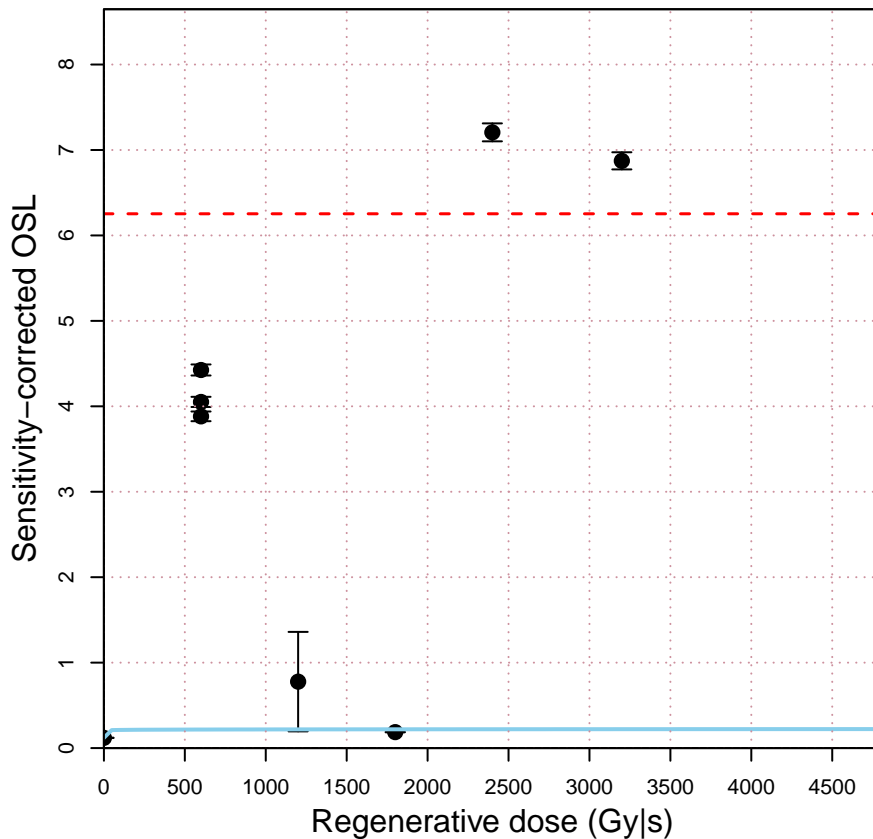
Recycling ratio 1: 0.9 +/- 0.04
Recycling ratio 2: 0.91 +/- 0.04
Recycling ratio 3: 1.01 +/- 0.05
=====

Recuperation 1: 0.72 +/- 0.08 (%)
Recuperation 2: 0.65 +/- 0.07 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=332, Position=7, Grain=32]
=====

Status: Ln/Tn saturated
=====

Tn: 23624 +/- 497.29
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 83.03 +/- 4.92
RSE of Tn: 2.11 (%)
Fast ratio of Tn: NA +/- NA
=====

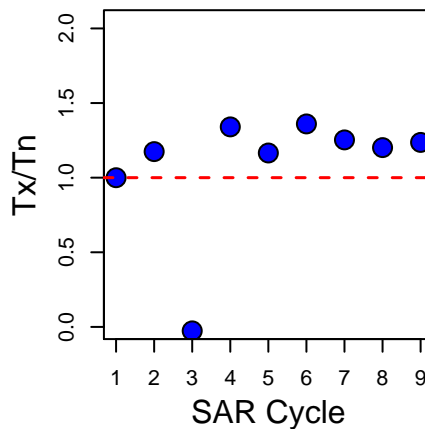
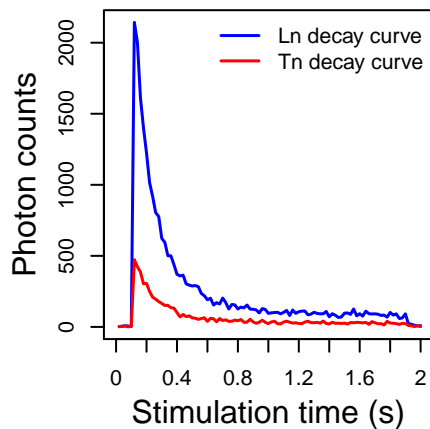
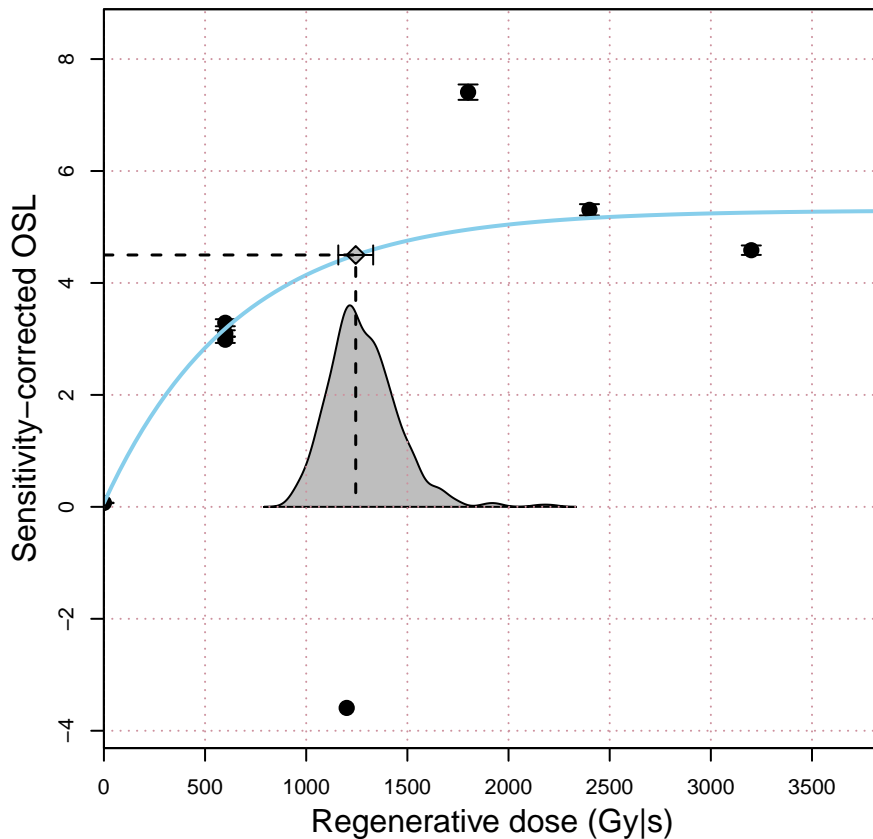
Recycling ratio 1: 0.88 +/- 0.04
Recycling ratio 2: 0.92 +/- 0.04
Recycling ratio 3: 1.04 +/- 0.04
=====

Recuperation 1: 1.92 +/- 0.09 (%)
Recuperation 2: 1.67 +/- 0.08 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 5380.41
Average error in fit: 1.47
Reduced Chi-Square: 1793.47
Figure Of Merit: 1570.16 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=334, Position=7, Grain=34]

Status: OK

Tn: 1772 +/- 56.64

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 15.77 +/- 1.48

RSE of Tn: 3.2 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.1 +/- 0.06

Recycling ratio 2: 1.04 +/- 0.06

Recycling ratio 3: 0.94 +/- 0.05

Recuperation 1: 1.57 +/- 0.19 (%)

Recuperation 2: 0.95 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 127.97

Average error in fit: 1.05

Reduced Chi-Square: 42.66

Figure Of Merit: 39.76 (%)

calED method: Interpolation

MC acceptance-rate: 99.21 (%)

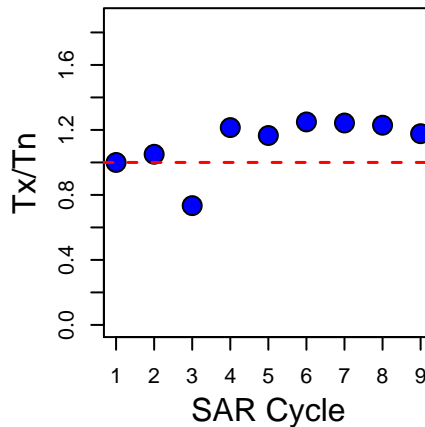
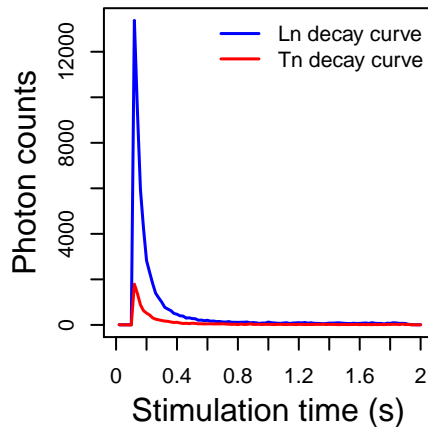
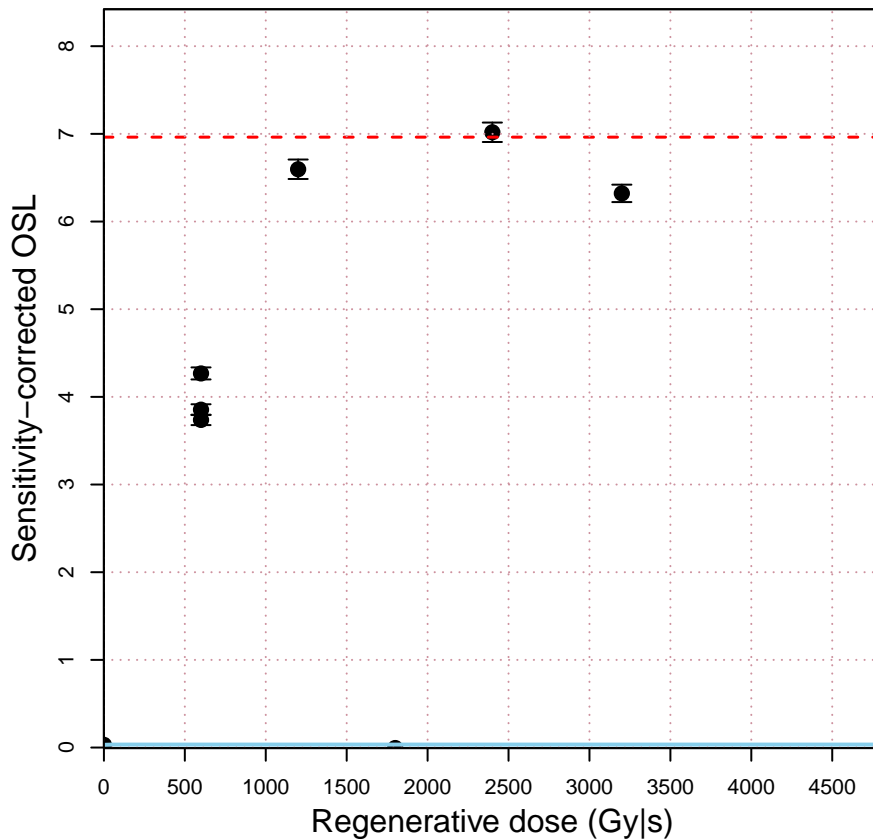
ED: 1244.72 +/- 172.33 (Gy/s)

RSE of ED: 13.84 (%)

95% interval: [1006.29, 1661.48]

68% interval: [1123.63, 1438.93]

Summary



ID: [NO=336, Position=7, Grain=36]

Status: Ln/Tn saturated

Tn: 5093 +/- 124.99

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 50.93 +/- 5.09

RSE of Tn: 2.45 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.88 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 0.44 +/- 0.04 (%)

Recuperation 2: 0.44 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5805.02

Average error in fit: 1.67

Reduced Chi-Square: 1935.01

Figure Of Merit: 11801.94 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

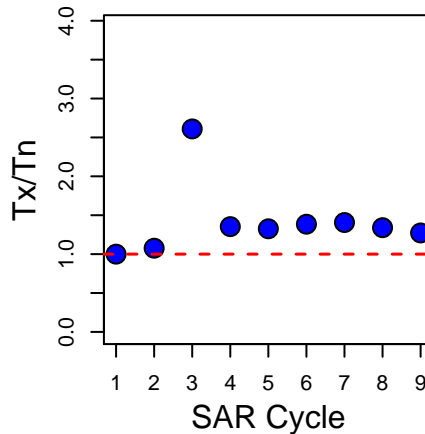
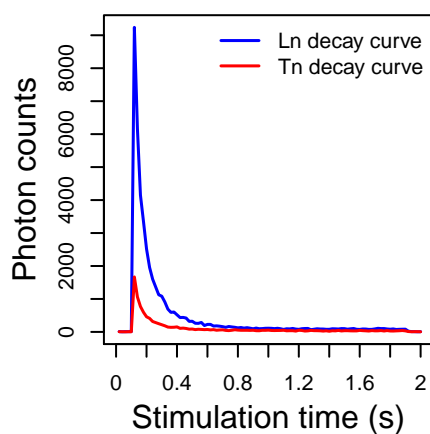
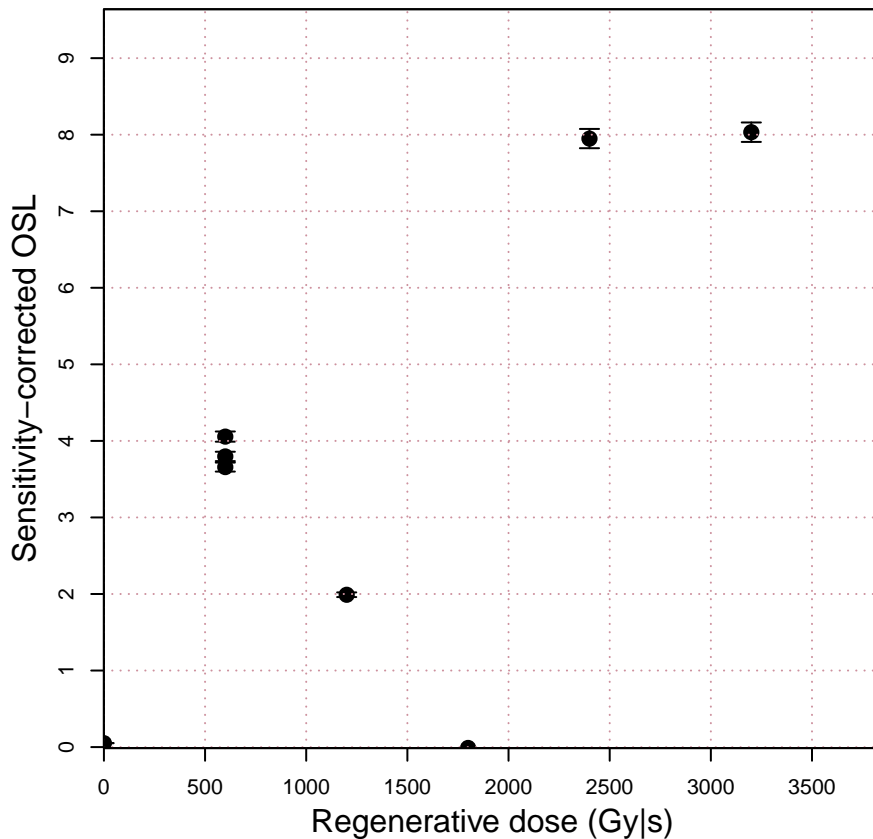
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=337, Position=7, Grain=37]

Status: model fit failed

Tn: 4386.5 \pm 111.06

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.19 \pm 2.14

RSE of Tn: 2.53 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.9 \pm 0.04

Recycling ratio 2: 0.94 \pm 0.04

Recycling ratio 3: 1.04 \pm 0.05

Recuperation 1: 0.91 \pm 0.07 (%)

Recuperation 2: 0.64 \pm 0.05 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

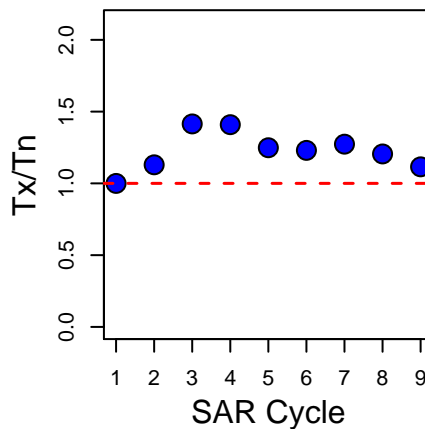
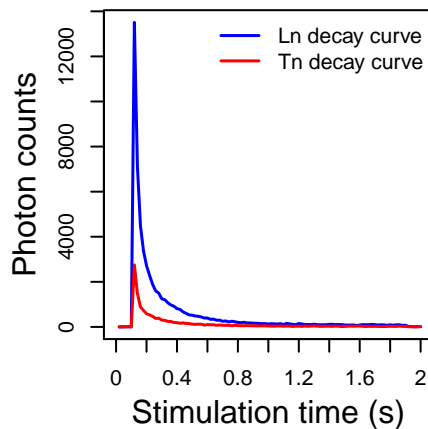
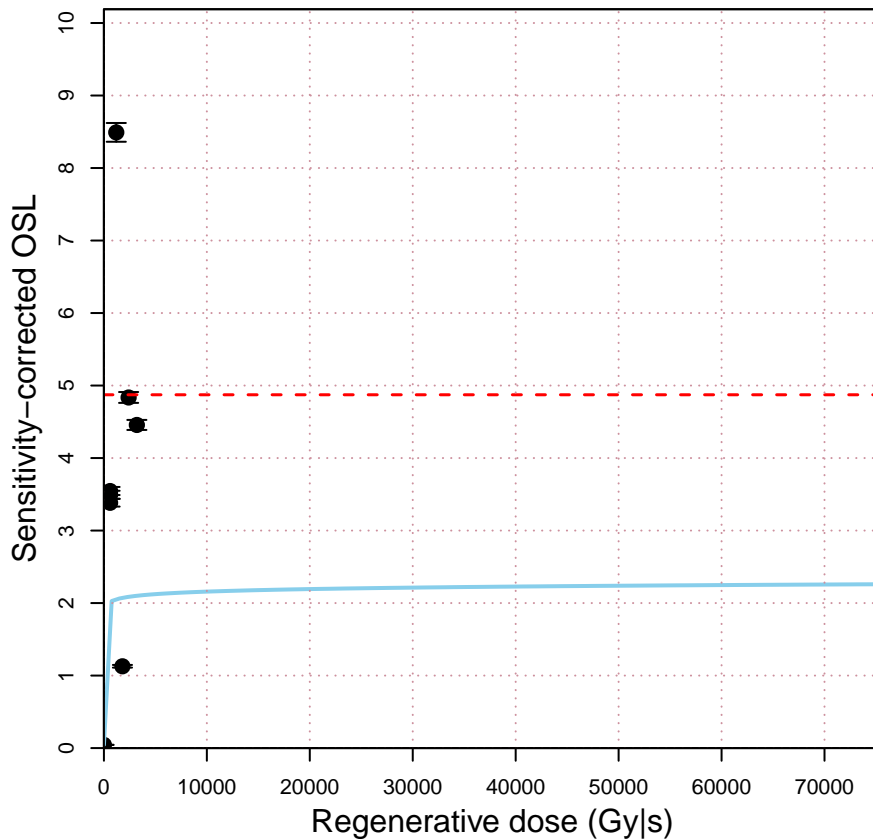
ED: NA \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=338, Position=7, Grain=38]

Status: Ln/Tn saturated

Tn: 6318.5 +/- 149.87

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 55.71 +/- 5.23

RSE of Tn: 2.37 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.04

Recycling ratio 2: 1.01 +/- 0.05

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.91 +/- 0.07 (%)

Recuperation 2: 0.52 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2446.78

Average error in fit: 0.98

Reduced Chi-Square: 815.59

Figure Of Merit: 117.07 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

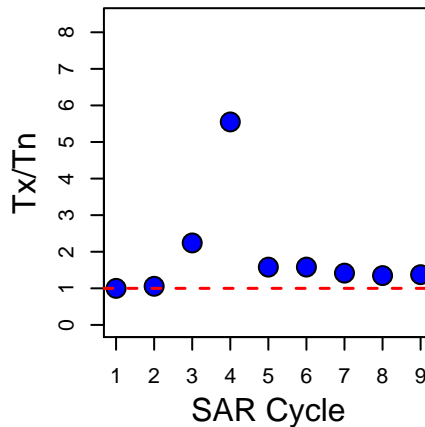
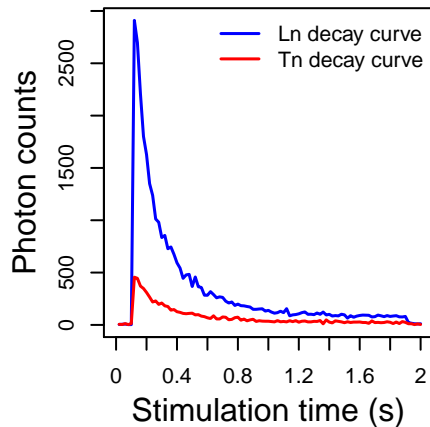
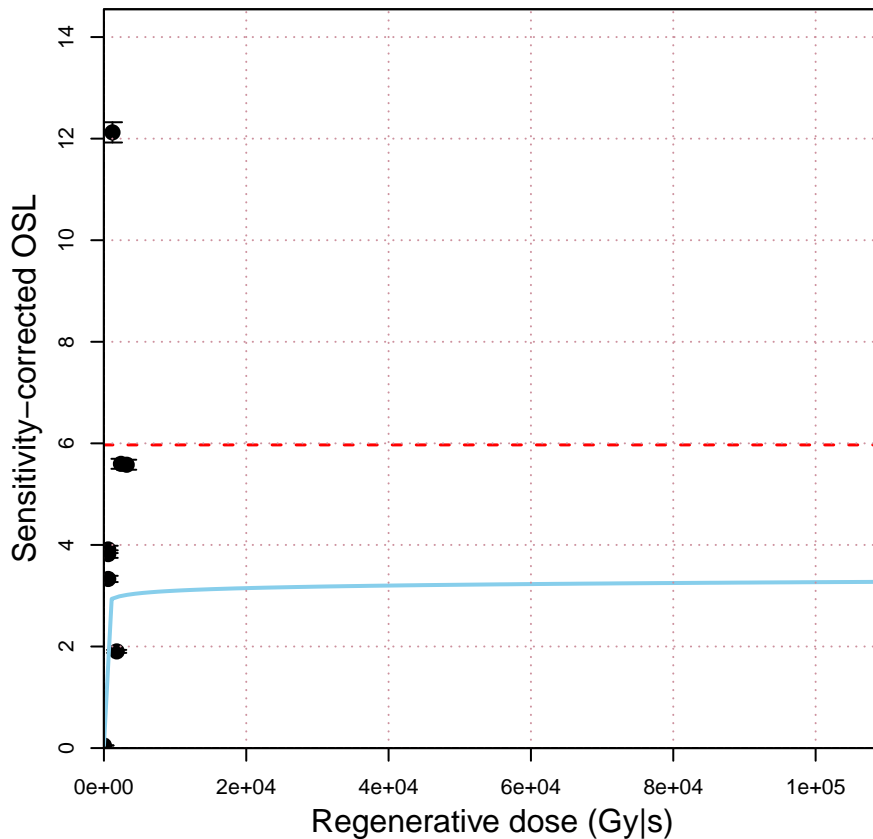
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=339, Position=7, Grain=39]

Status: Ln/Tn saturated

Tn: 1813.5 +/- 57.48

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 16.57 +/- 1.58

RSE of Tn: 3.17 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.02 +/- 0.05

Recycling ratio 2: 0.87 +/- 0.05

Recycling ratio 3: 0.85 +/- 0.04

Recuperation 1: 0.87 +/- 0.11 (%)

Recuperation 2: 0.43 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1303.4

Average error in fit: 1.26

Reduced Chi-Square: 434.47

Figure Of Merit: 86.11 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

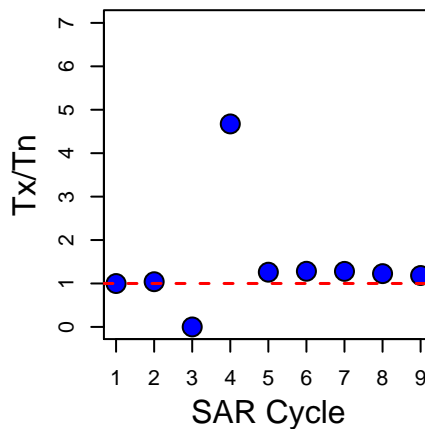
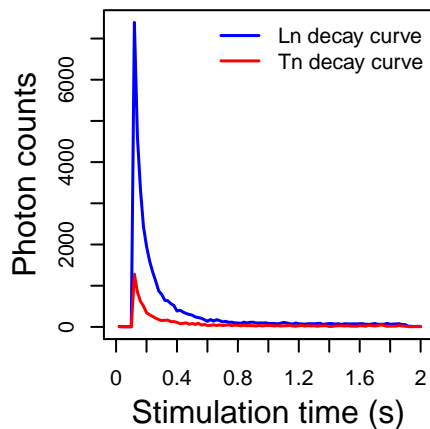
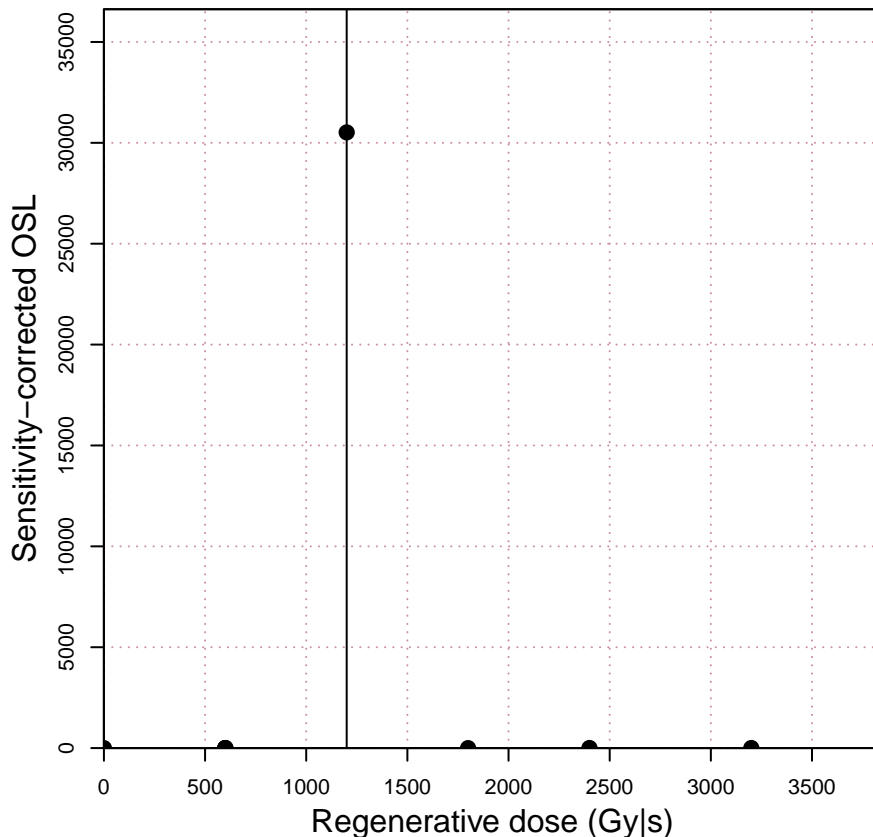
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=340, Position=7, Grain=40]
=====

Status: model fit failed
=====

Tn: 3468 +/- 92.06
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 27.47 +/- 2.44
RSE of Tn: 2.65 (%)
Fast ratio of Tn: NA +/- NA
=====

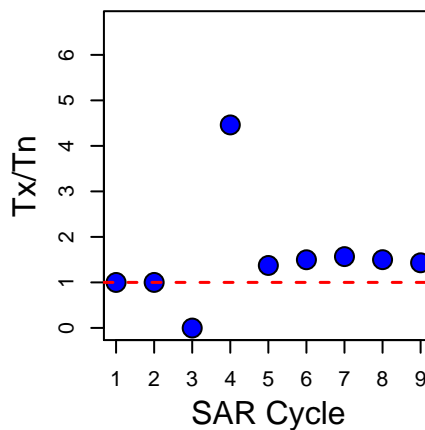
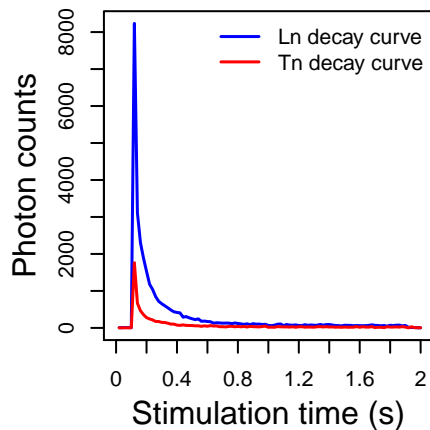
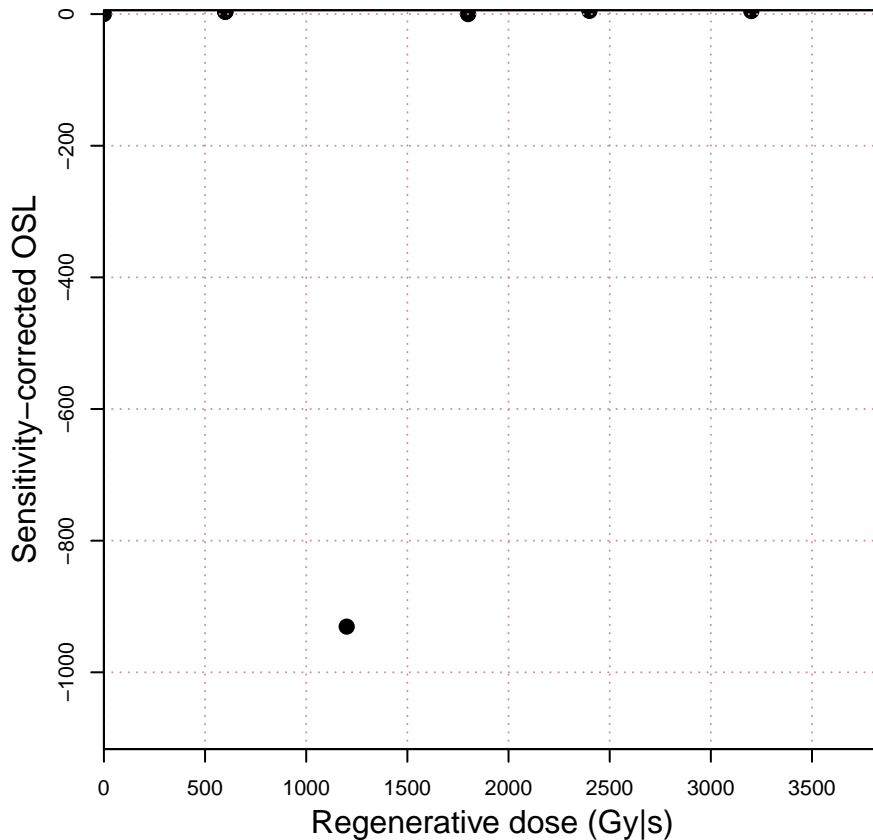
Recycling ratio 1: 0.97 +/- 0.05
Recycling ratio 2: 0.97 +/- 0.05
Recycling ratio 3: 1 +/- 0.05
=====

Recuperation 1: 0.8 +/- 0.08 (%)
Recuperation 2: 0 +/- 0 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=341, Position=7, Grain=41]

Status: model fit failed

Tn: 3419 +/- 90.9

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 31.53 +/- 3.03

RSE of Tn: 2.66 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.87 +/- 0.04

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 1.34 +/- 0.1 (%)

Recuperation 2: 1.34 +/- 0.1 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

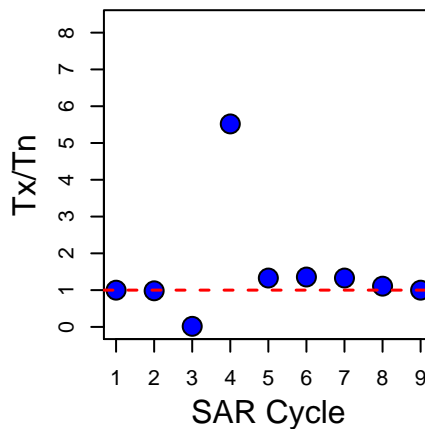
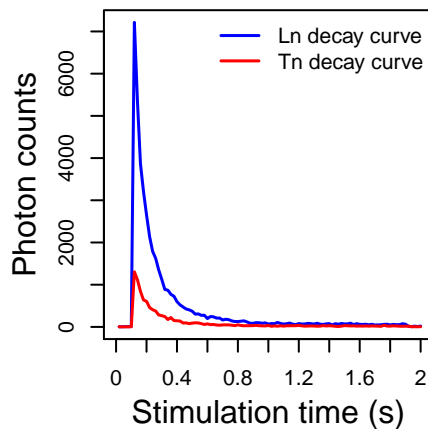
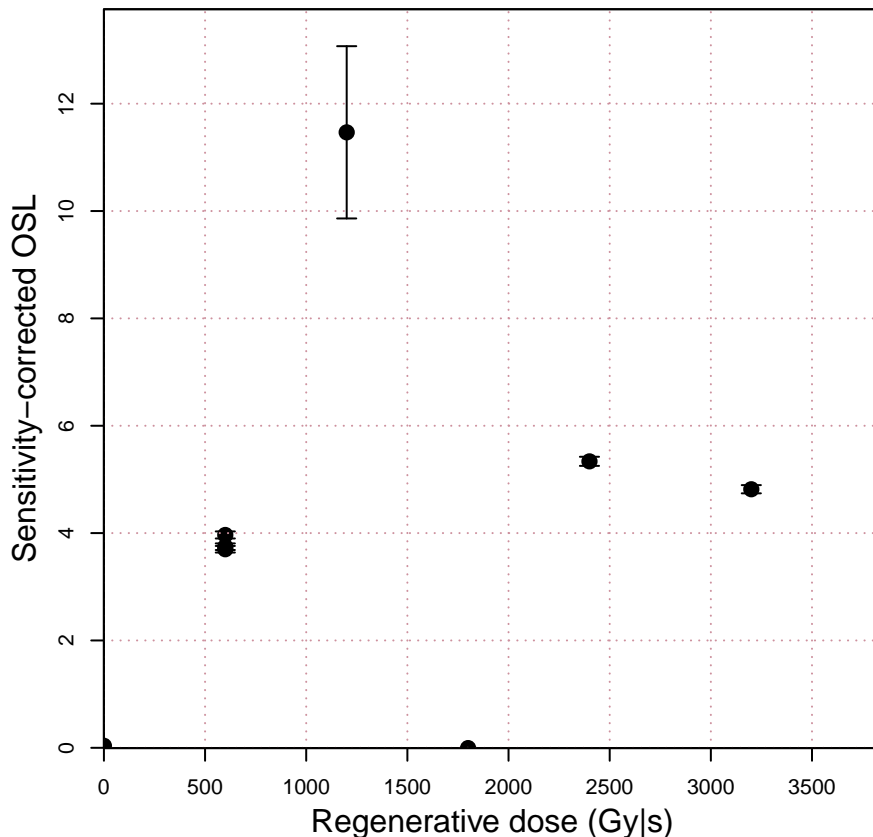
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=342, Position=7, Grain=42]
=====

Status: model fit failed
=====

Tn: 4410.5 +/- 111.1
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 44.45 +/- 4.46
RSE of Tn: 2.52 (%)
Fast ratio of Tn: NA +/- NA
=====

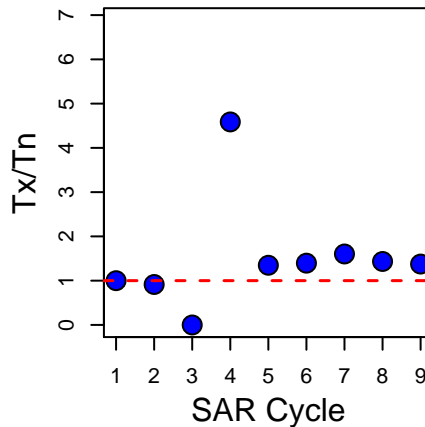
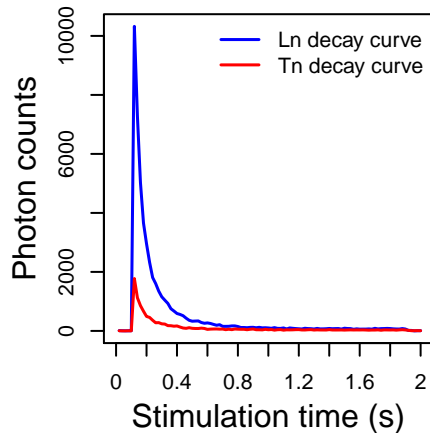
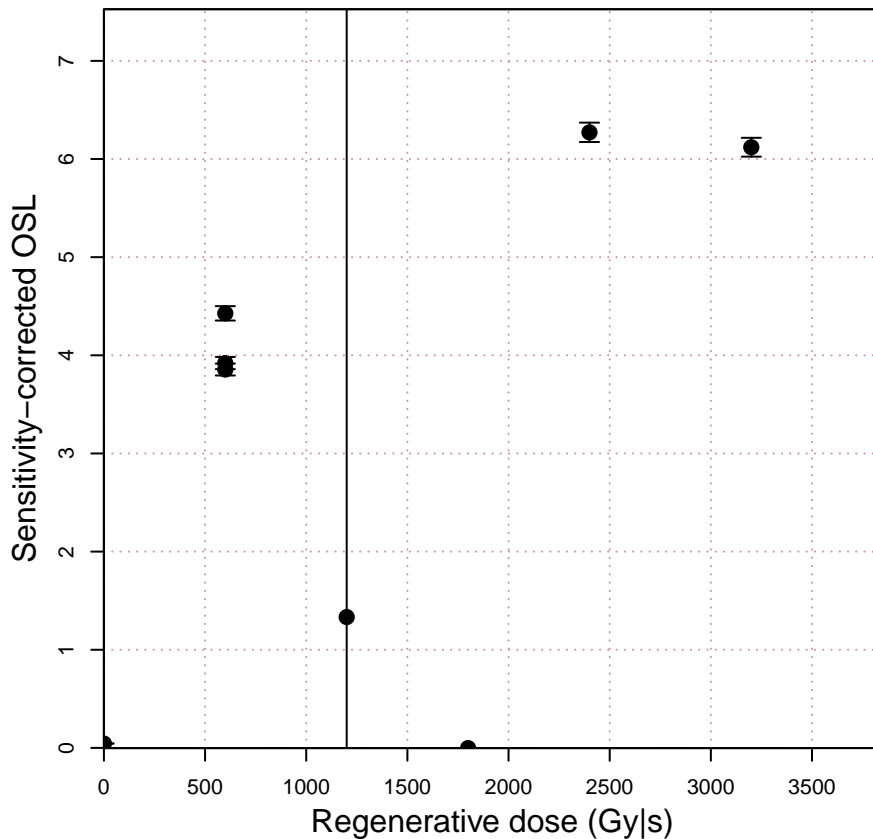
Recycling ratio 1: 0.94 +/- 0.04
Recycling ratio 2: 0.93 +/- 0.04
Recycling ratio 3: 0.99 +/- 0.05
=====

Recuperation 1: 0.76 +/- 0.07 (%)
Recuperation 2: 0.33 +/- 0.1 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=343, Position=7, Grain=43]

=====

Status: model fit failed

=====

Tn: 4752.5 +/- 118.44

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 30.61 +/- 2.46

RSE of Tn: 2.49 (%)

Fast ratio of Tn: NA +/- NA

=====

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.89 +/- 0.04

Recycling ratio 3: 1.02 +/- 0.05

=====

Recuperation 1: 0.73 +/- 0.06 (%)

Recuperation 2: 0.71 +/- 0.06 (%)

=====

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

=====

calED method: NULL

MC acceptance-rate: NULL (%)

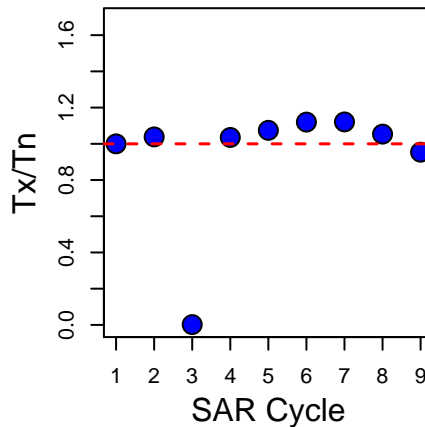
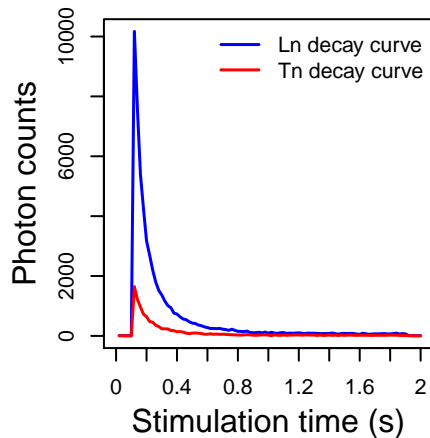
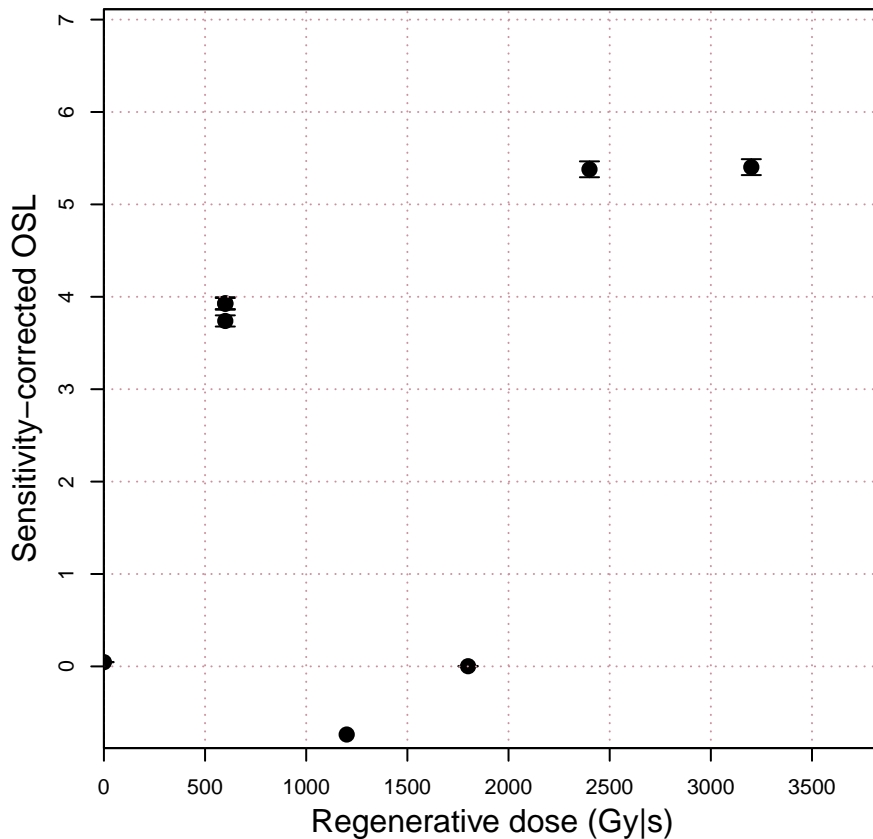
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=344, Position=7, Grain=44]

Status: model fit failed

Tn: 5096.5 +/- 125.08

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 48.85 +/- 4.78

RSE of Tn: 2.45 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.04

Recycling ratio 2: 1 +/- 0.05

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.78 +/- 0.07 (%)

Recuperation 2: 0.85 +/- 0.07 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

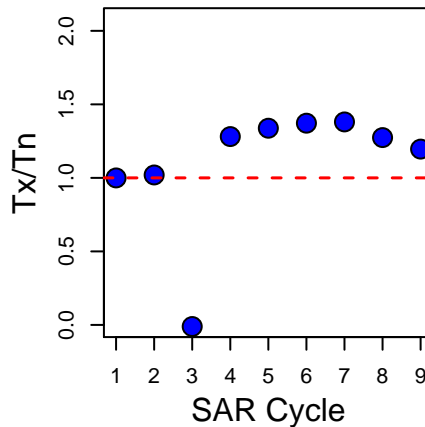
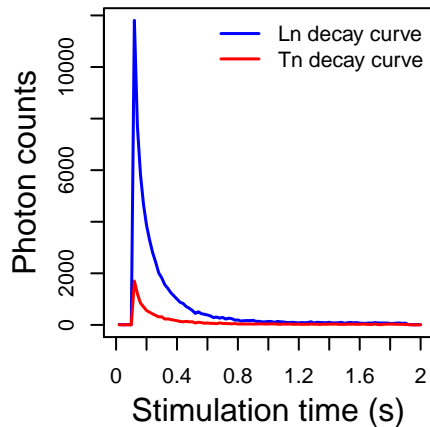
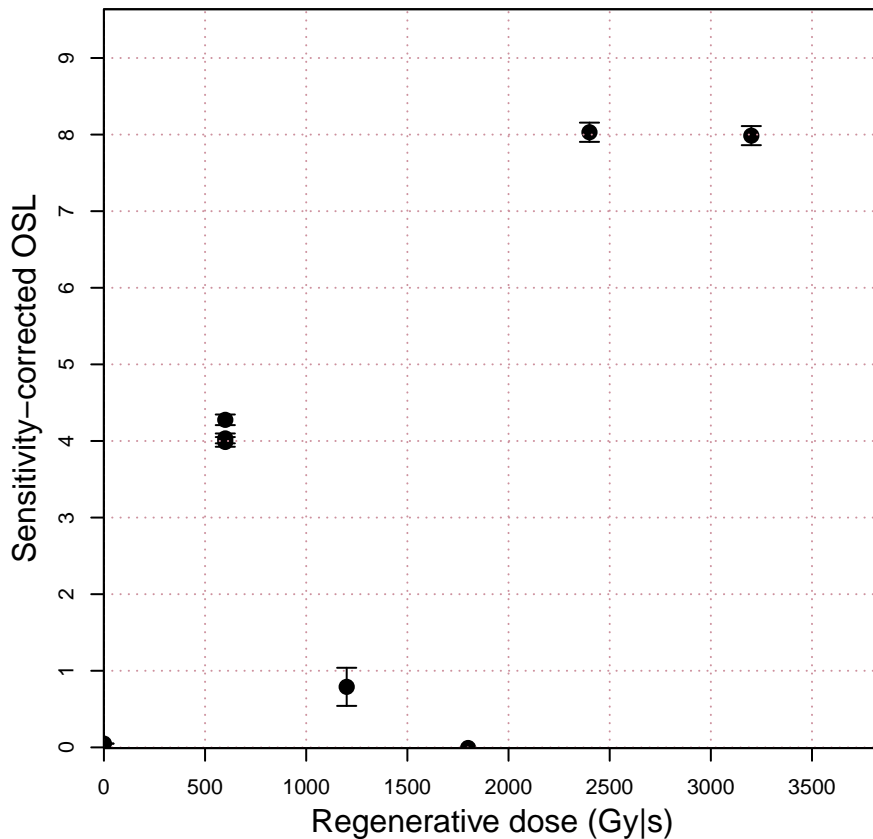
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=345, Position=7, Grain=45]

Status: model fit failed

Tn: 4911 +/- 121.33

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 46.47 +/- 4.52

RSE of Tn: 2.47 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 0.94 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.72 +/- 0.06 (%)

Recuperation 2: 0.61 +/- 0.05 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

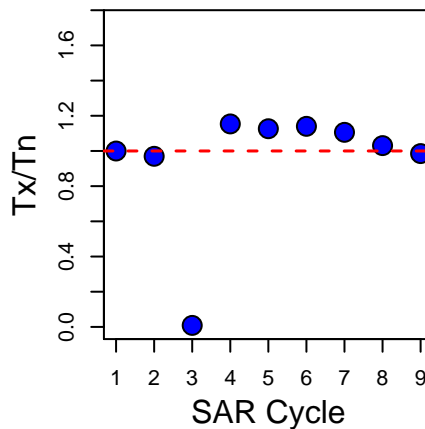
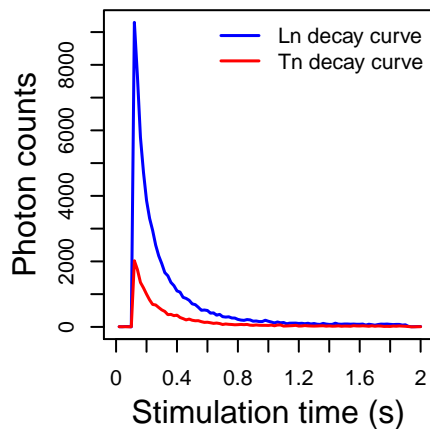
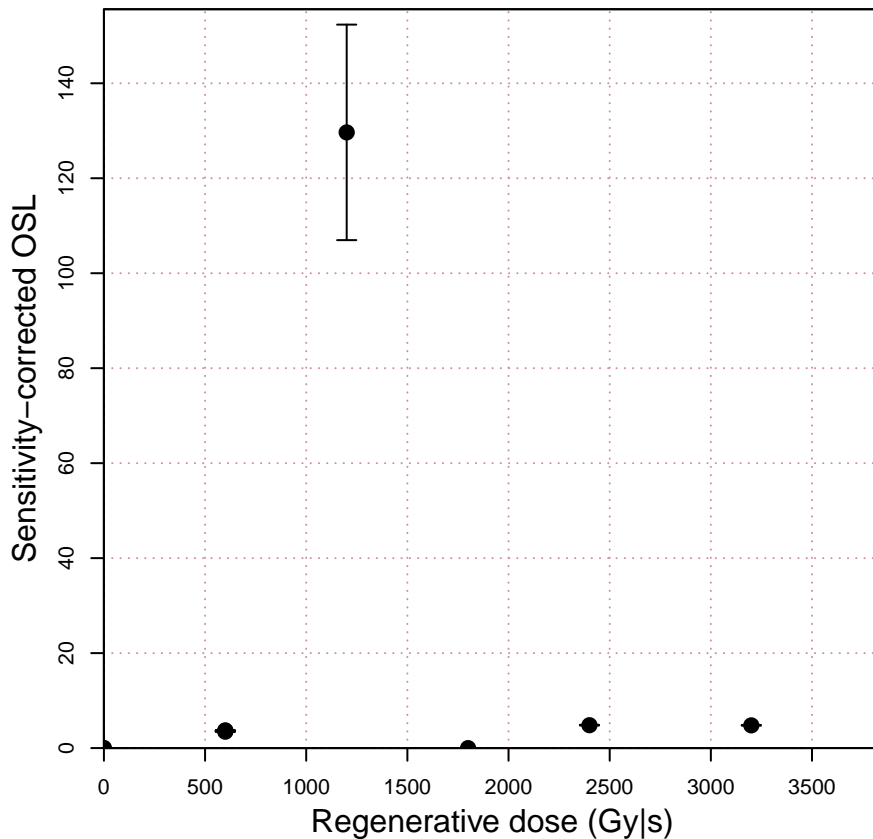
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=346, Position=7, Grain=46]
=====

Status: model fit failed
=====

Tn: 7209 +/- 167.81
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 66.54 +/- 6.39
RSE of Tn: 2.33 (%)
Fast ratio of Tn: NA +/- NA
=====

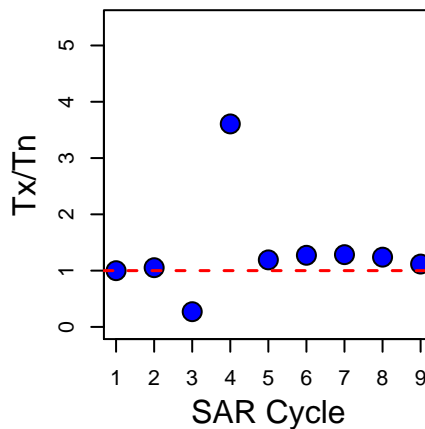
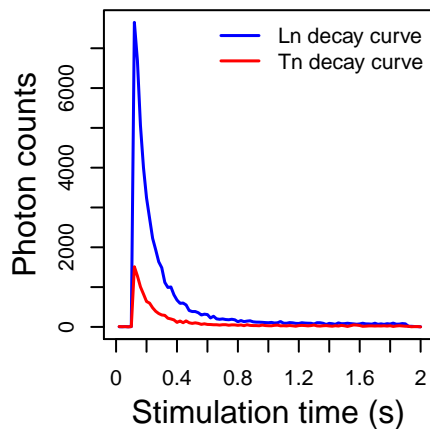
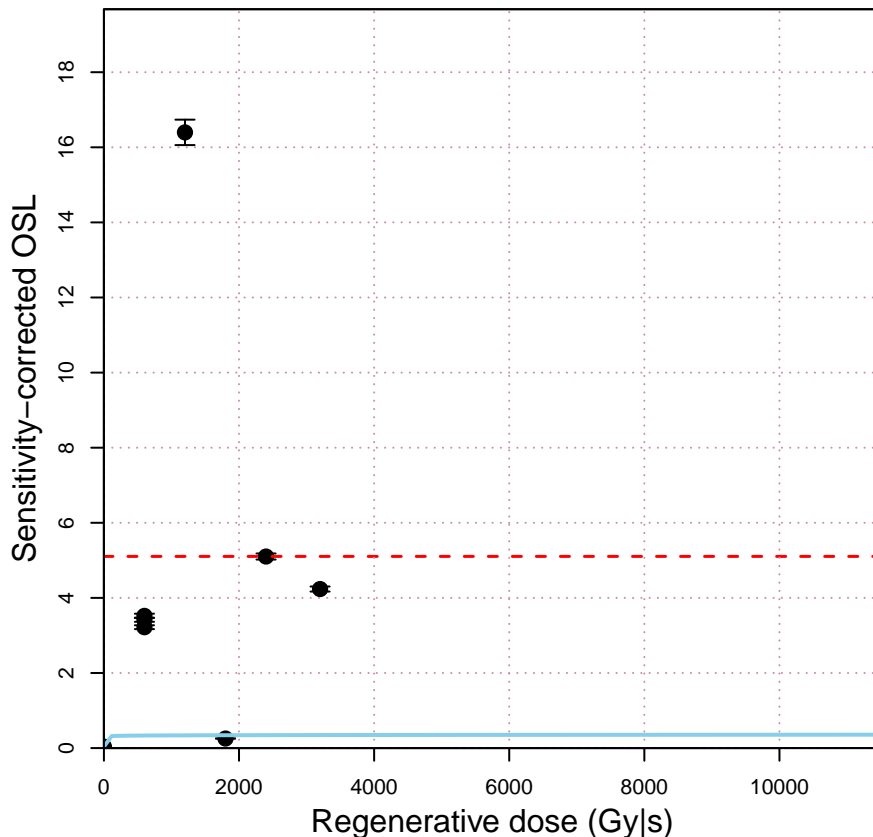
Recycling ratio 1: 0.92 +/- 0.04
Recycling ratio 2: 0.97 +/- 0.04
Recycling ratio 3: 1.05 +/- 0.05
=====

Recuperation 1: 0.94 +/- 0.07 (%)
Recuperation 2: 0.03 +/- 0.01 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=347, Position=7, Grain=47]

Status: Ln/Tn saturated

Tn: 5144.5 +/- 126.12

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 45.16 +/- 4.23

RSE of Tn: 2.45 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.04

Recycling ratio 3: 1.06 +/- 0.05

Recuperation 1: 0.76 +/- 0.07 (%)

Recuperation 2: 0.24 +/- 0.02 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4741.11

Average error in fit: 2.25

Reduced Chi-Square: 1580.37

Figure Of Merit: 1405.39 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

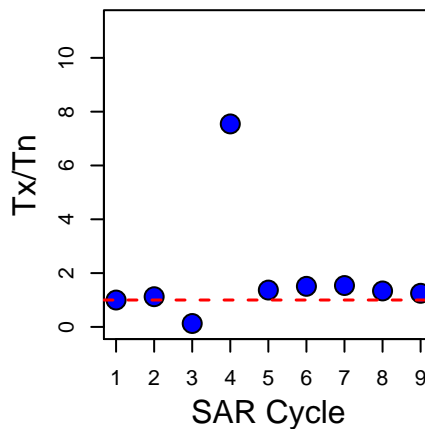
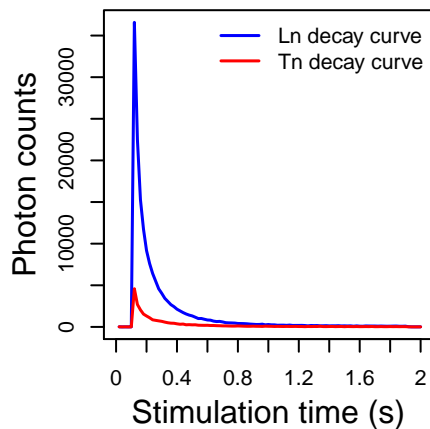
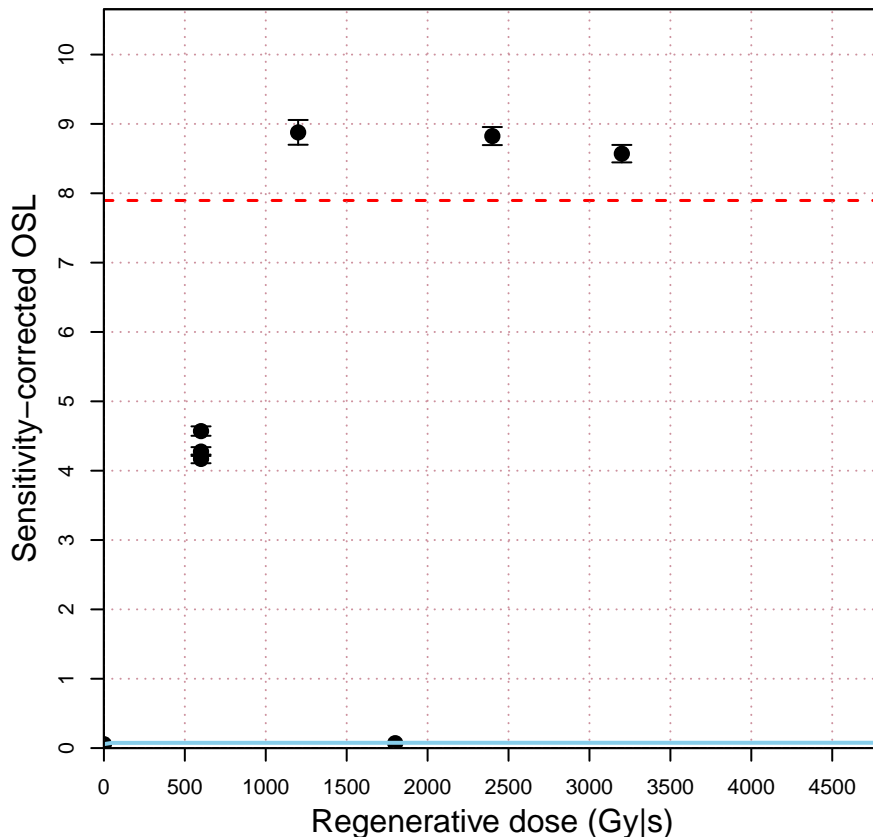
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=348, Position=7, Grain=48]
=====

Status: Ln/Tn saturated
=====

Tn: 12010.5 +/- 264.49
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 75.37 +/- 5.97
RSE of Tn: 2.2 (%)
Fast ratio of Tn: NA +/- NA
=====

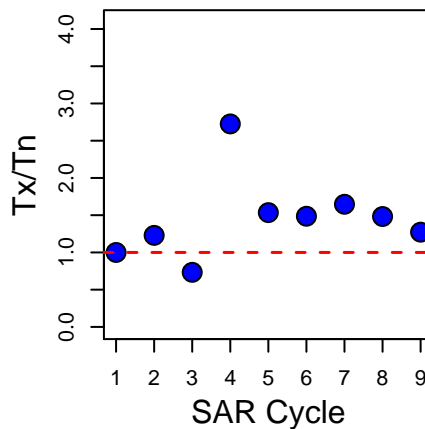
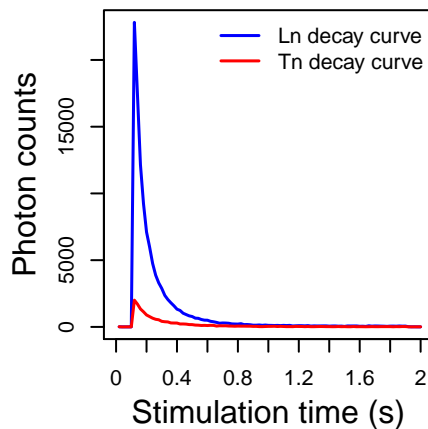
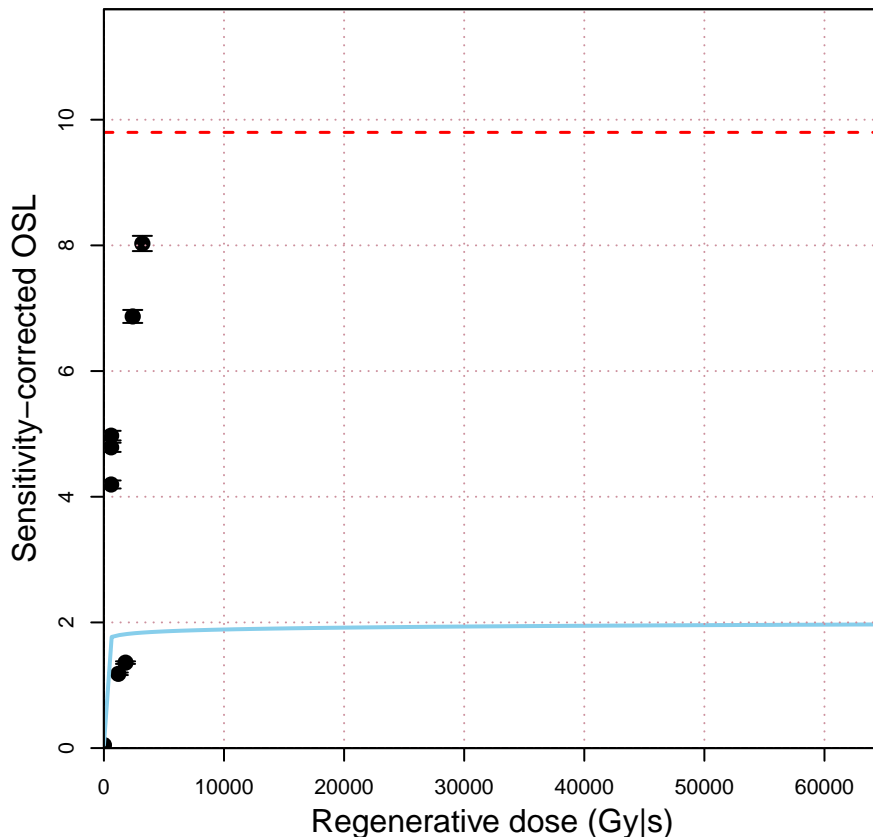
Recycling ratio 1: 1.03 +/- 0.04
Recycling ratio 2: 1.1 +/- 0.05
Recycling ratio 3: 1.07 +/- 0.04
=====

Recuperation 1: 0.72 +/- 0.04 (%)
Recuperation 2: 0.64 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 6153.46
Average error in fit: 2.09
Reduced Chi-Square: 2051.15
Figure Of Merit: 6573.41 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=349, Position=7, Grain=49]

Status: Ln/Tn saturated

Tn: 6990.5 \pm 163.37

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 69.87 \pm 6.98

RSE of Tn: 2.34 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.84 \pm 0.04

Recycling ratio 2: 0.96 \pm 0.04

Recycling ratio 3: 1.14 \pm 0.05

Recuperation 1: 0.5 \pm 0.03 (%)

Recuperation 2: 0.61 \pm 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2828.58

Average error in fit: 1.18

Reduced Chi-Square: 942.86

Figure Of Merit: 166.12 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

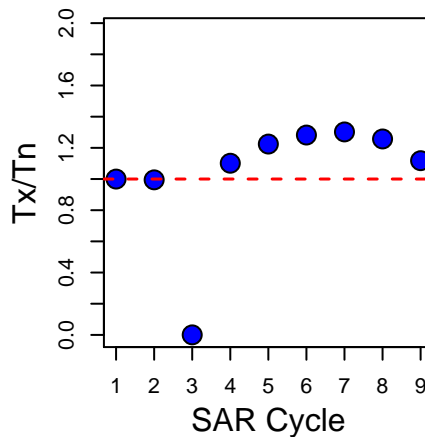
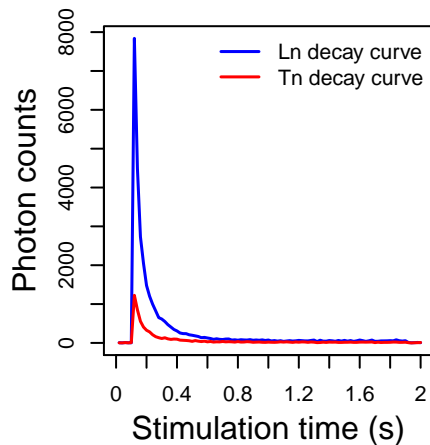
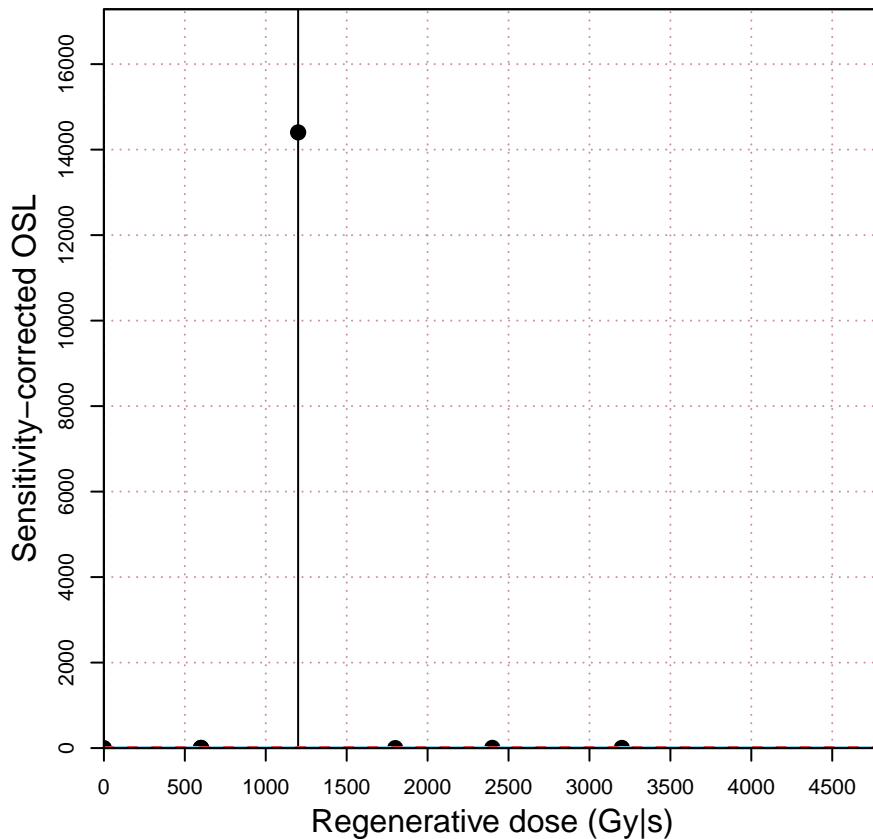
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=350, Position=7, Grain=50]

Status: Ln/Tn saturated

Tn: 3287.5 \pm 87.94

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 41.34 \pm 4.63

RSE of Tn: 2.67 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.85 \pm 0.04

Recycling ratio 2: 0.89 \pm 0.04

Recycling ratio 3: 1.05 \pm 0.05

Recuperation 1: 0.53 \pm 0.07 (%)

Recuperation 2: 0 \pm 0 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4364.95

Average error in fit: 1800.5

Reduced Chi-Square: 1454.98

Figure Of Merit: 5196889.25 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

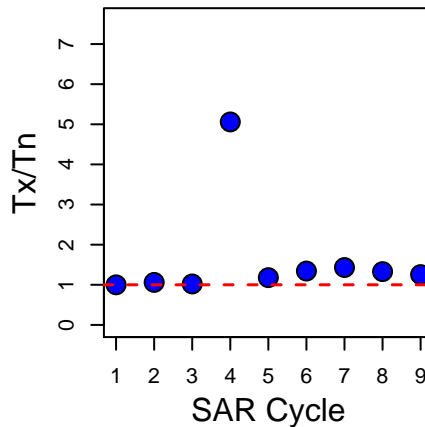
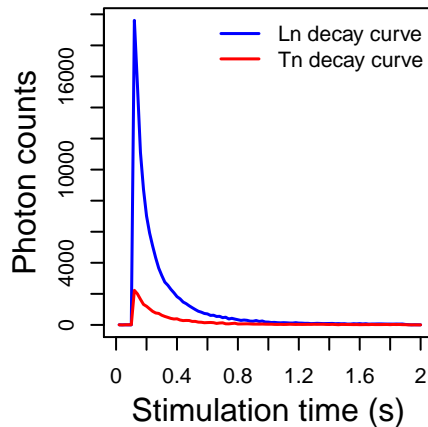
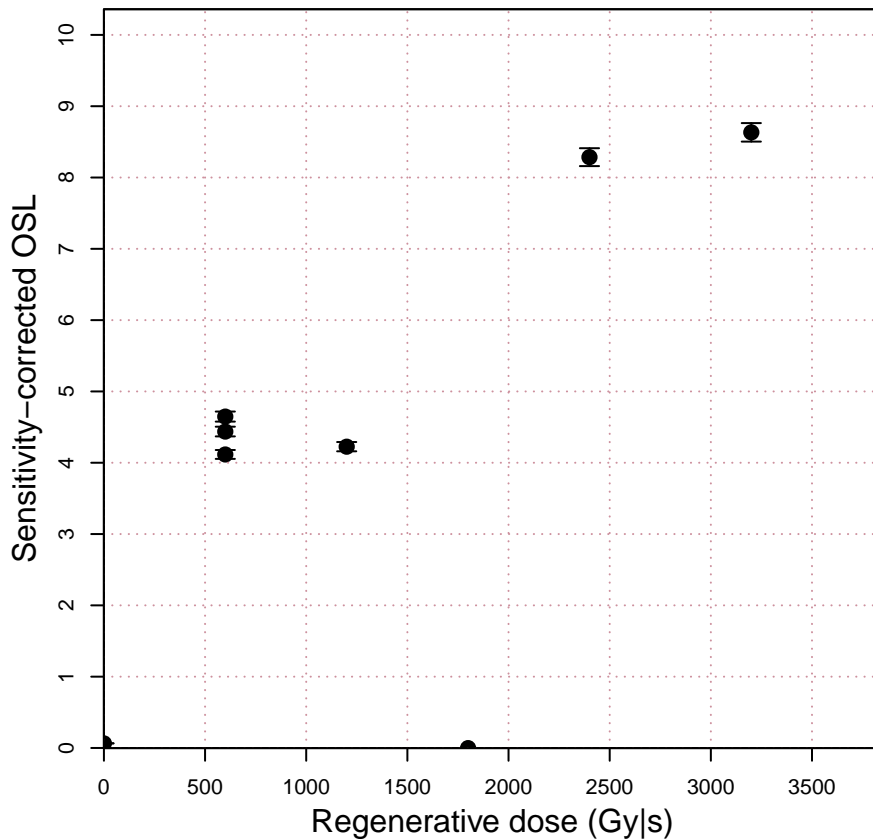
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=351, Position=7, Grain=51]

Status: model fit failed

Tn: 8284 +/- 189.47

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 76.31 +/- 7.32

RSE of Tn: 2.29 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 1.05 +/- 0.05

Recycling ratio 3: 1.13 +/- 0.05

Recuperation 1: 0.87 +/- 0.05 (%)

Recuperation 2: 0.75 +/- 0.04 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

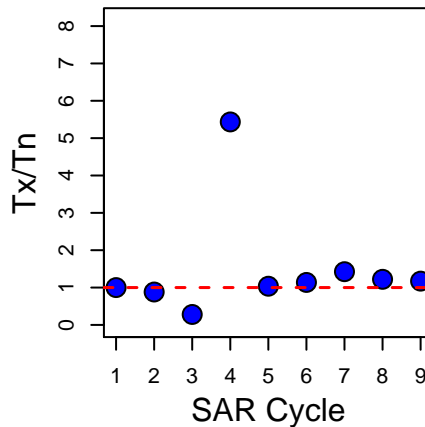
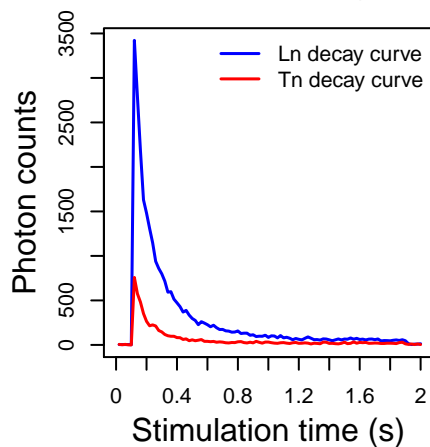
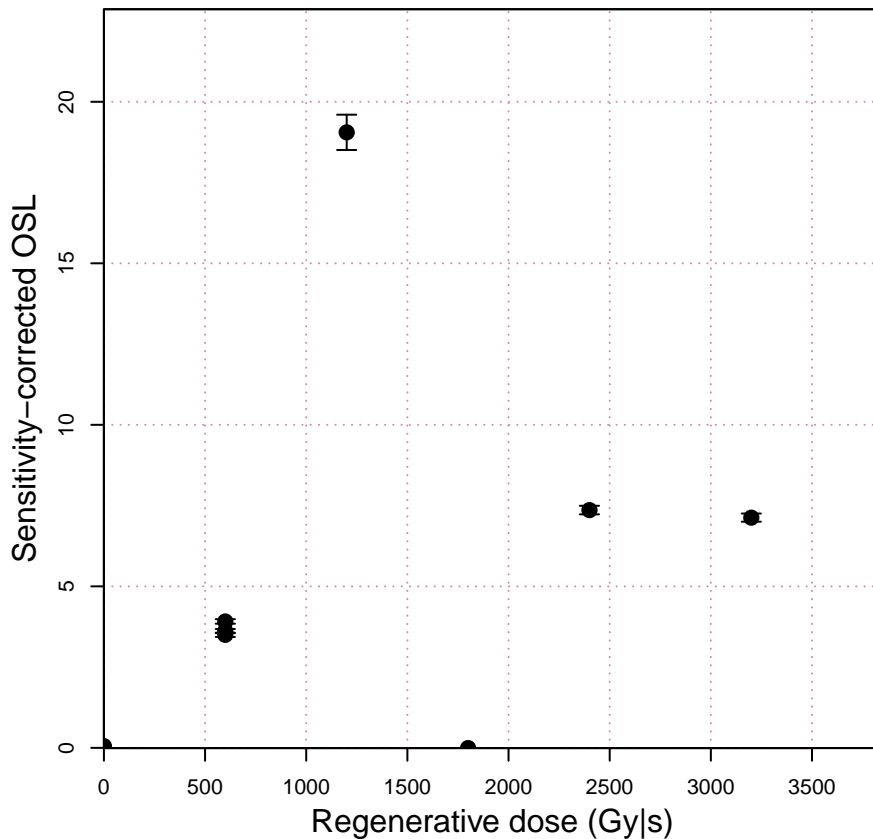
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=352, Position=7, Grain=52]

Status: model fit failed

Tn: 2335.5 +/- 68.27

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 25.46 +/- 2.66

RSE of Tn: 2.92 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.03 +/- 0.05

Recycling ratio 2: 1.12 +/- 0.06

Recycling ratio 3: 1.08 +/- 0.05

Recuperation 1: 1.15 +/- 0.12 (%)

Recuperation 2: 0.29 +/- 0.03 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

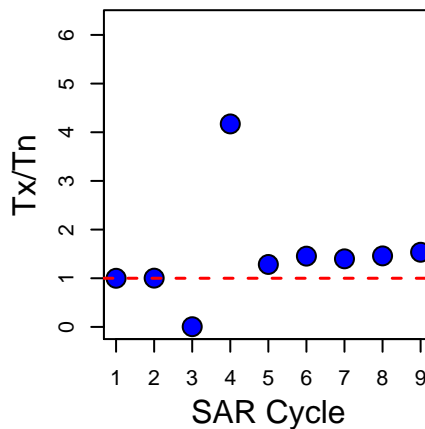
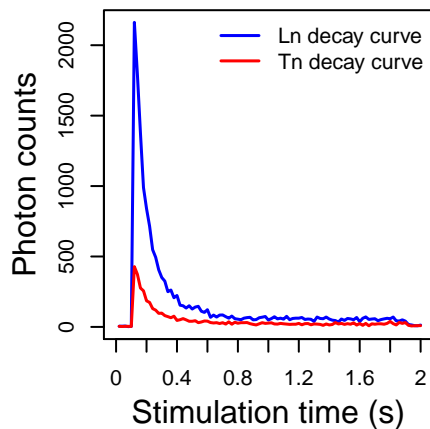
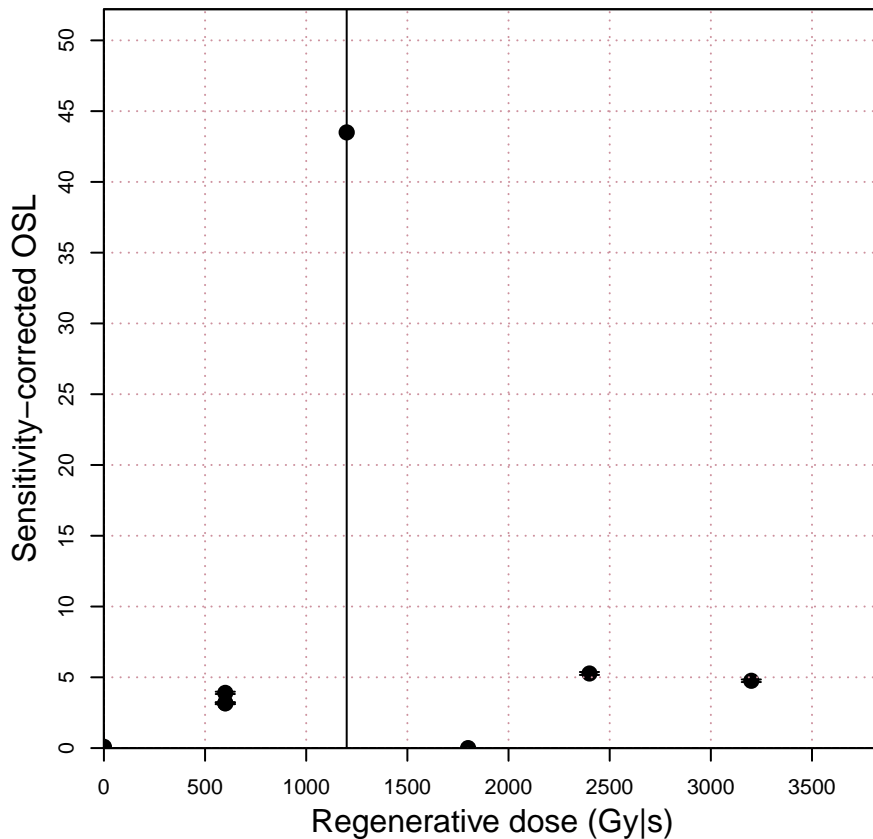
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=353, Position=7, Grain=53]

Status: model fit failed

Tn: 1392 +/- 48.54

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 12.05 +/- 1.12

RSE of Tn: 3.49 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.81 +/- 0.05

Recycling ratio 2: 0.81 +/- 0.05

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 1.82 +/- 0.22 (%)

Recuperation 2: 0.21 +/- 0.49 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

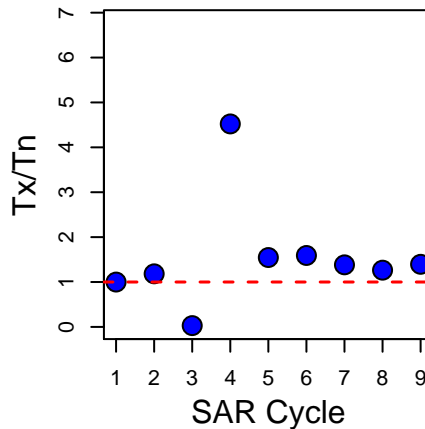
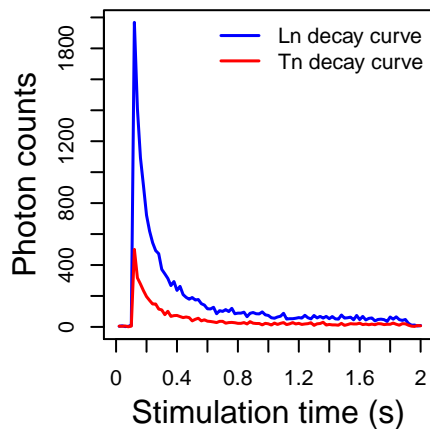
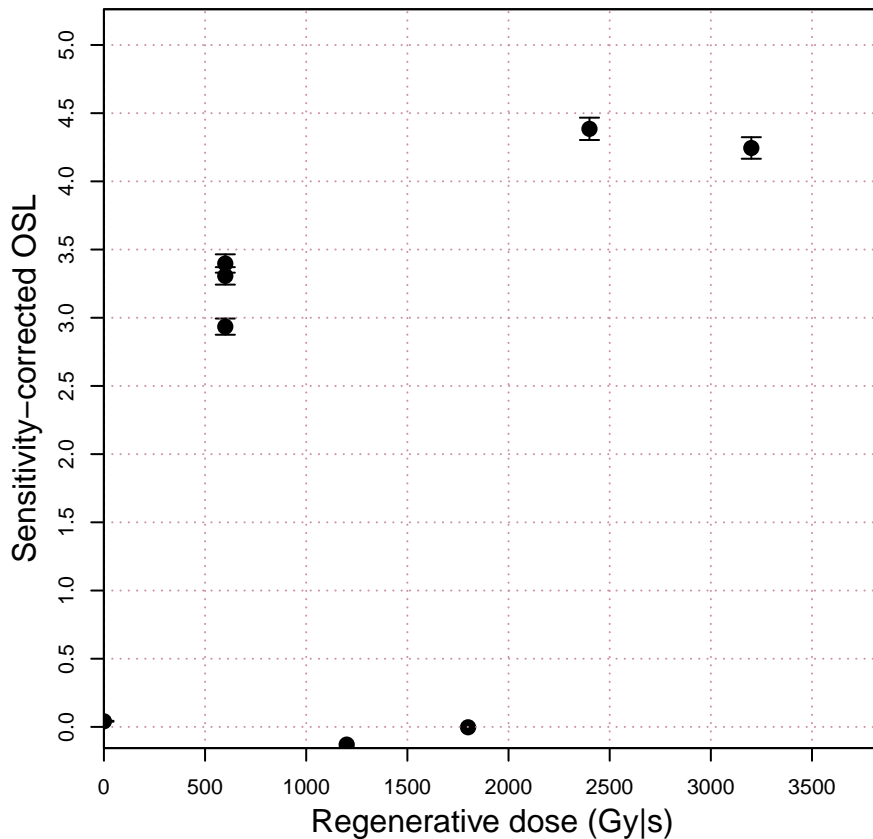
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=354, Position=7, Grain=54]

Status: model fit failed

Tn: 1433 +/- 48.91

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 16.58 +/- 1.78

RSE of Tn: 3.41 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.16 +/- 0.07

Recycling ratio 2: 1.13 +/- 0.06

Recycling ratio 3: 0.97 +/- 0.05

Recuperation 1: 1.01 +/- 0.16 (%)

Recuperation 2: 0.94 +/- 0.15 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

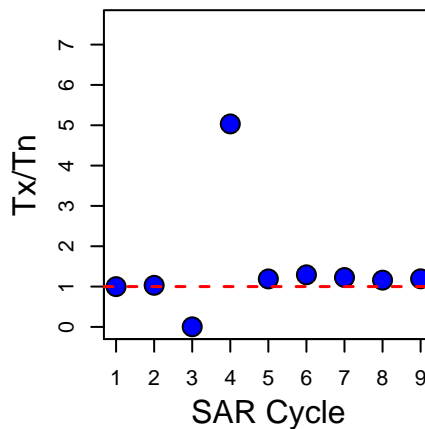
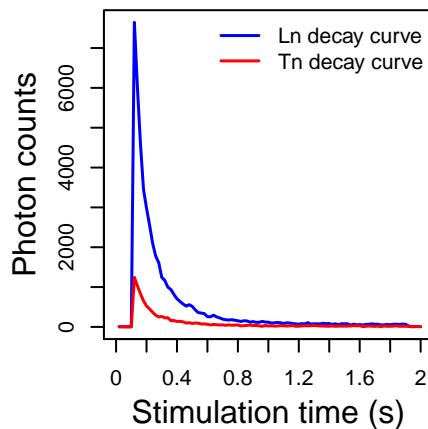
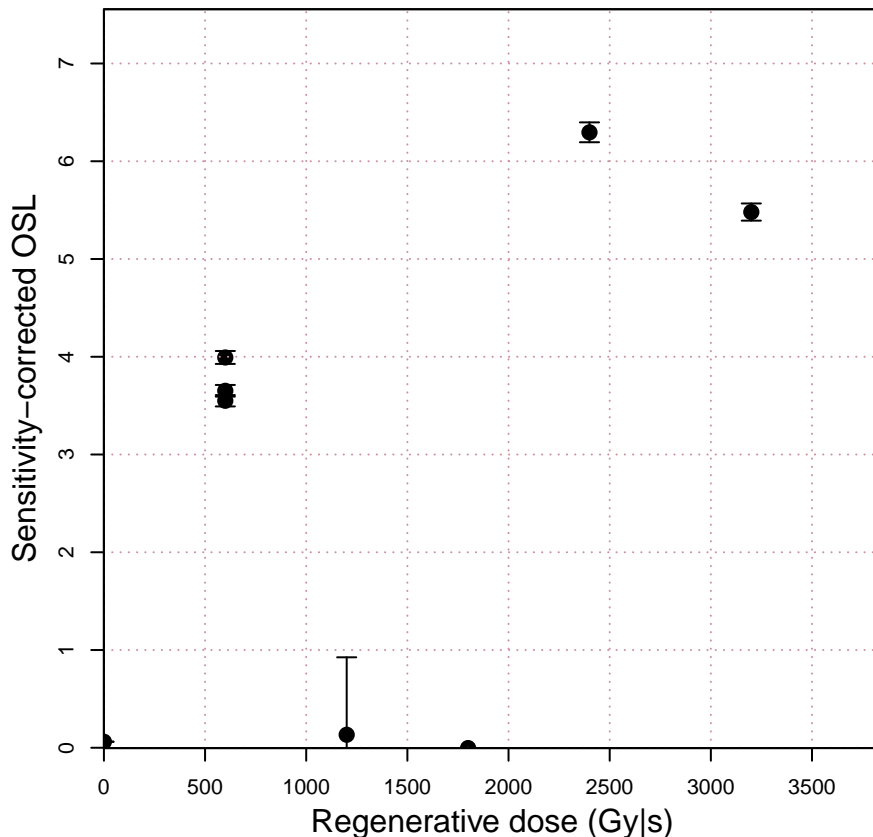
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=355, Position=7, Grain=55]

Status: model fit failed

Tn: 4198 +/- 106.68

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 48.17 +/- 5.16

RSE of Tn: 2.54 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 1.07 +/- 0.09 (%)

Recuperation 2: 0.98 +/- 0.08 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

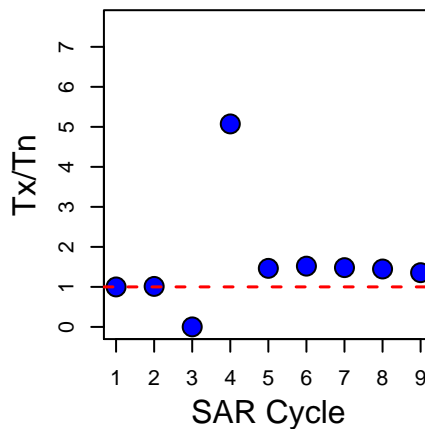
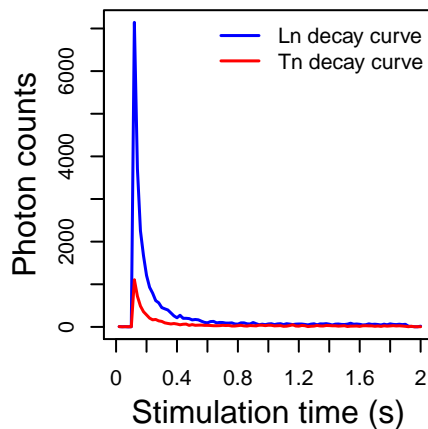
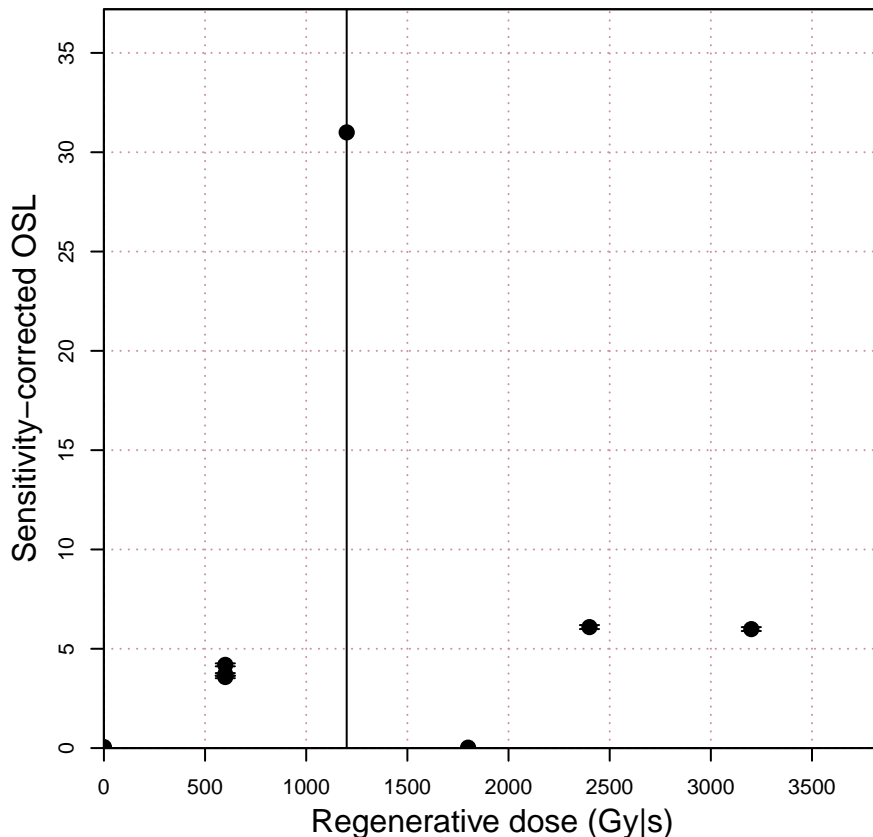
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=356, Position=7, Grain=56]

Status: model fit failed

Tn: 2848 +/- 79.07

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.87 +/- 2.75

RSE of Tn: 2.78 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.85 +/- 0.04

Recycling ratio 2: 0.89 +/- 0.04

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 0.97 +/- 0.1 (%)

Recuperation 2: 0.17 +/- 0.53 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

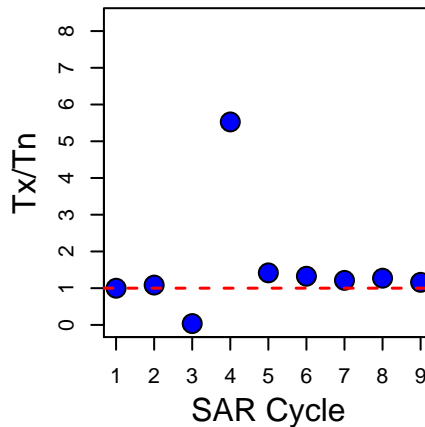
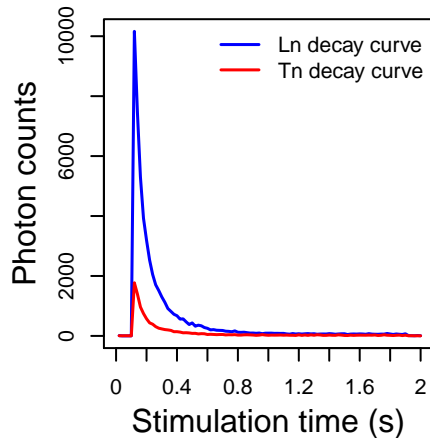
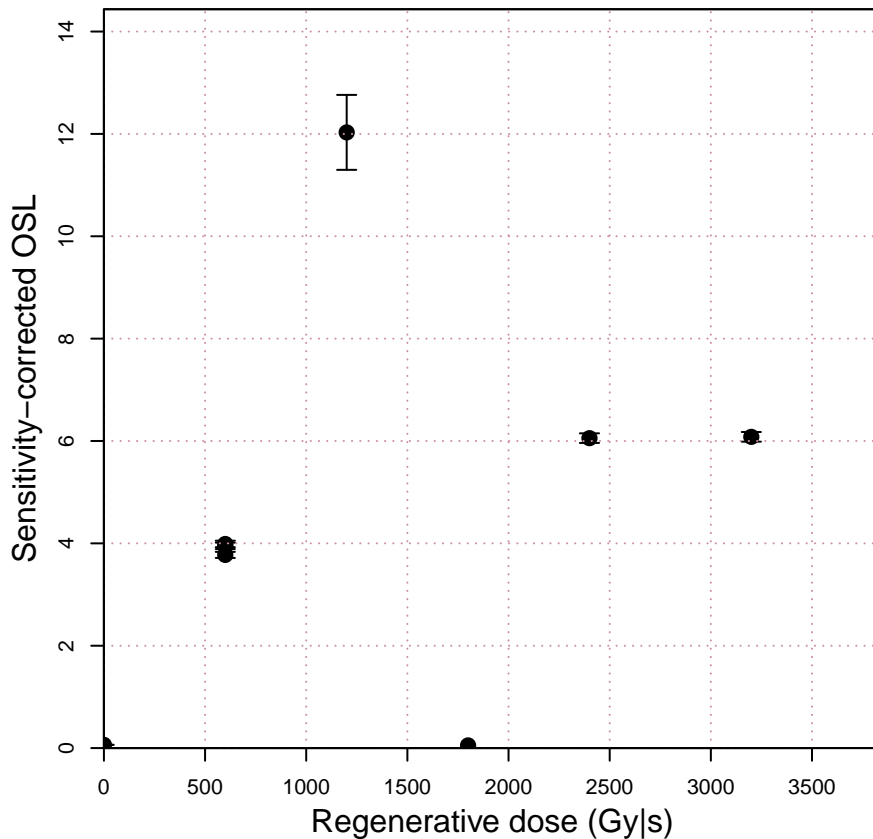
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=357, Position=7, Grain=57]

Status: model fit failed

Tn: 5347 \pm 130.15

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 52.41 \pm 5.19

RSE of Tn: 2.43 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.96 \pm 0.04

Recycling ratio 2: 1.01 \pm 0.05

Recycling ratio 3: 1.06 \pm 0.05

Recuperation 1: 1.15 \pm 0.08 (%)

Recuperation 2: 0.53 \pm 0.07 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

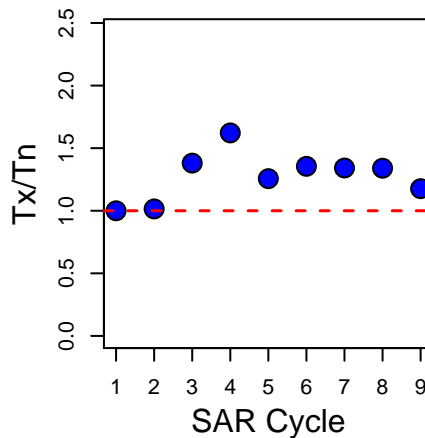
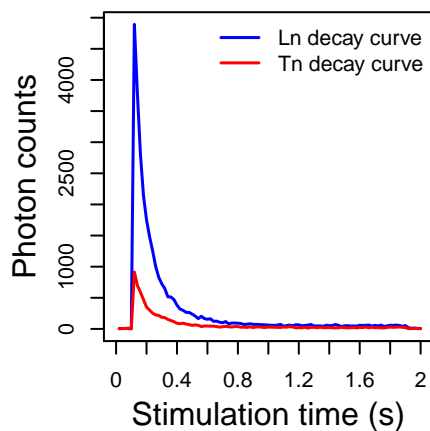
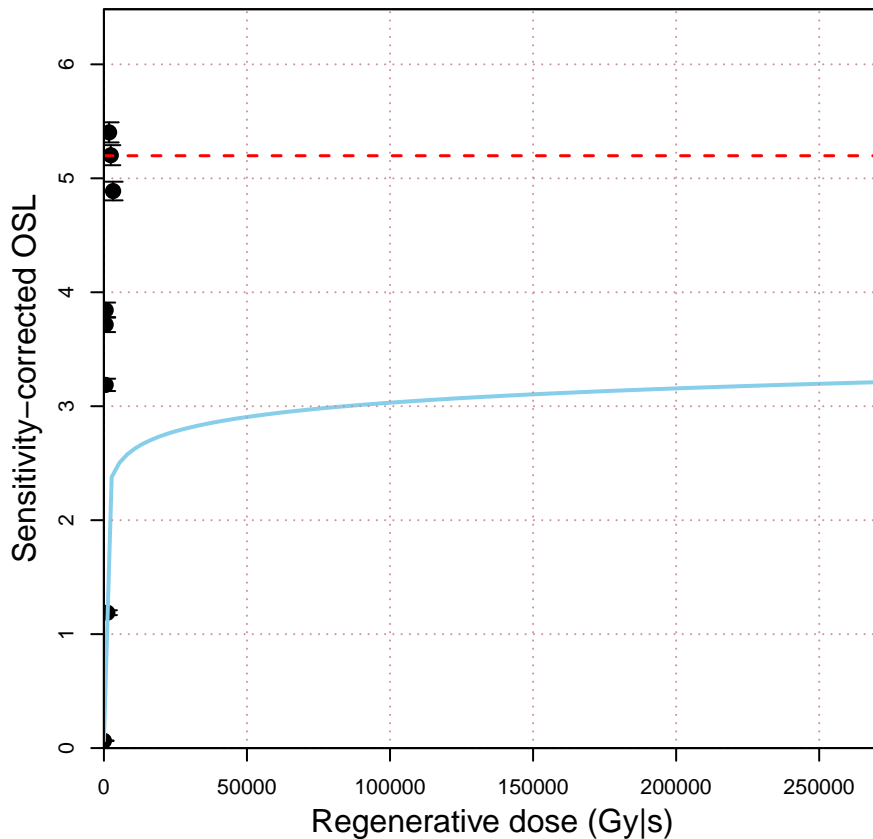
ED: NA \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=358, Position=7, Grain=58]

Status: Ln/Tn saturated

Tn: 2905 \pm 80.34

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 26.04 \pm 2.46

RSE of Tn: 2.77 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.86 \pm 0.04

Recycling ratio 2: 1.03 \pm 0.05

Recycling ratio 3: 1.21 \pm 0.06

Recuperation 1: 1.24 \pm 0.11 (%)

Recuperation 2: 1.19 \pm 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1813.62

Average error in fit: 0.7

Reduced Chi-Square: 604.54

Figure Of Merit: 88.68 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

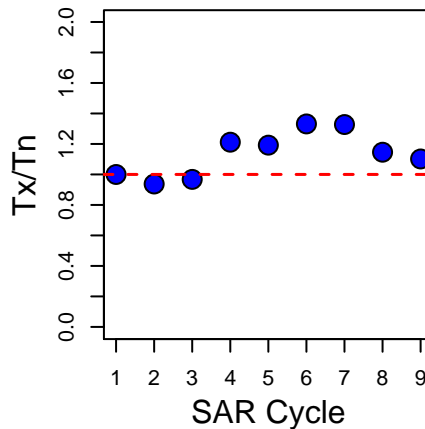
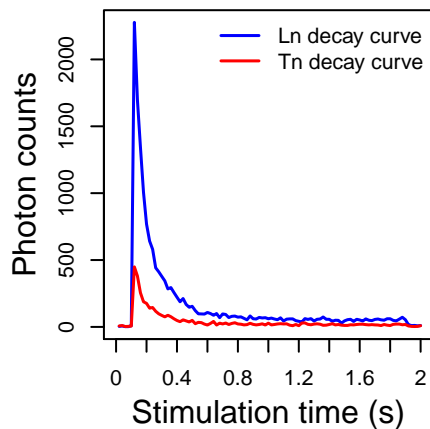
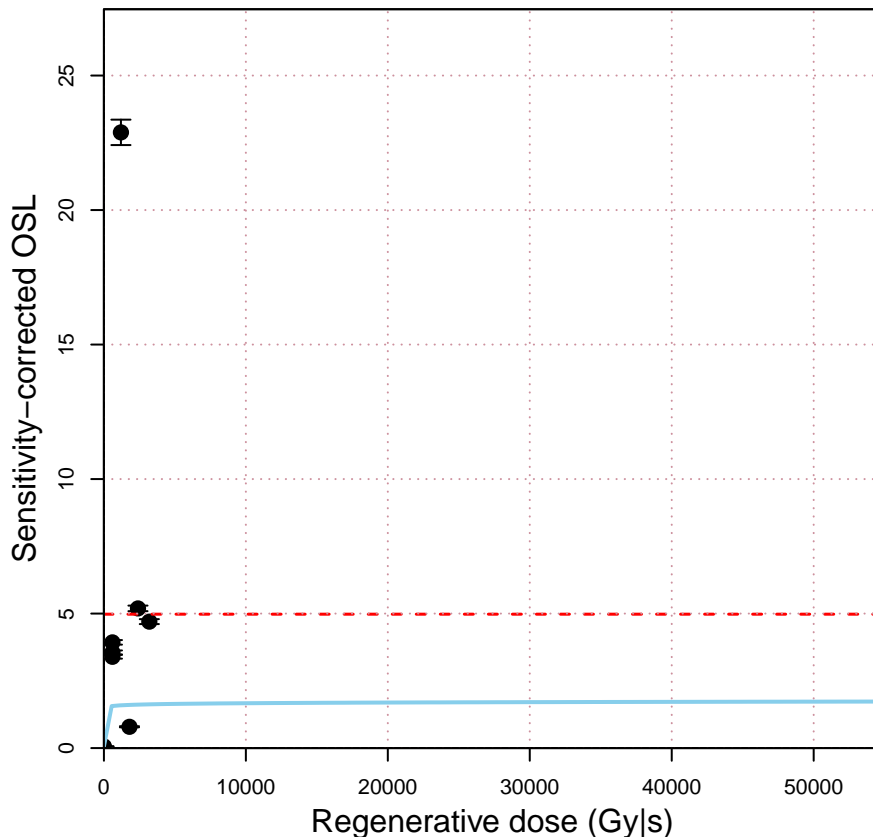
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=359, Position=7, Grain=59]

Status: Ln/Tn saturated

Tn: 1369 +/- 47.31

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 18.11 +/- 2.08

RSE of Tn: 3.46 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.86 +/- 0.05

Recycling ratio 2: 0.9 +/- 0.05

Recycling ratio 3: 1.05 +/- 0.06

Recuperation 1: 1.27 +/- 0.16 (%)

Recuperation 2: 0.28 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2013.01

Average error in fit: 2.77

Reduced Chi-Square: 671

Figure Of Merit: 312.18 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

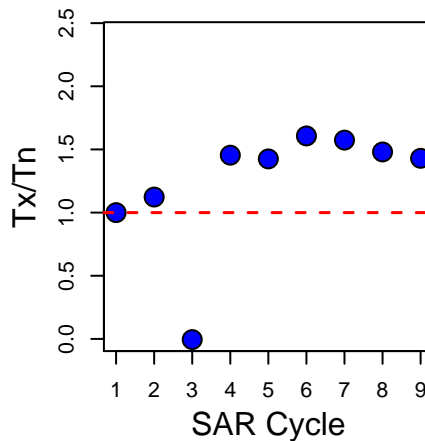
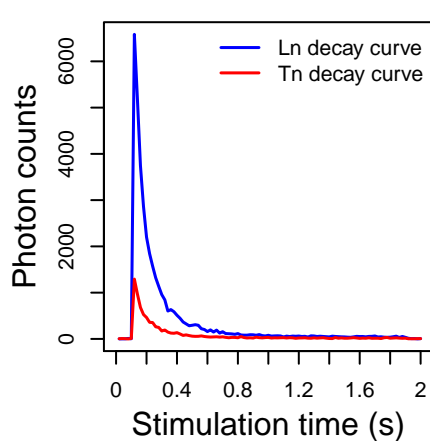
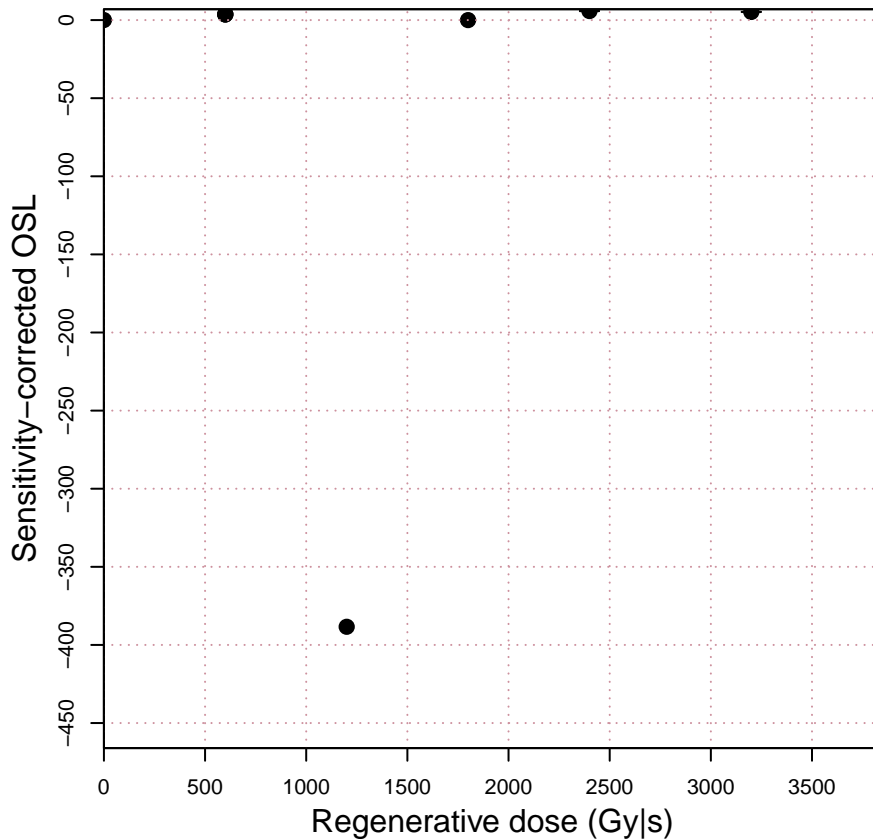
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=360, Position=7, Grain=60]

Status: model fit failed

Tn: 3842 \pm 99.41

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 43.22 \pm 4.58

RSE of Tn: 2.59 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.02 \pm 0.05

Recycling ratio 2: 1.06 \pm 0.05

Recycling ratio 3: 1.04 \pm 0.05

Recuperation 1: 0.77 \pm 0.07 (%)

Recuperation 2: 0.7 \pm 0.07 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

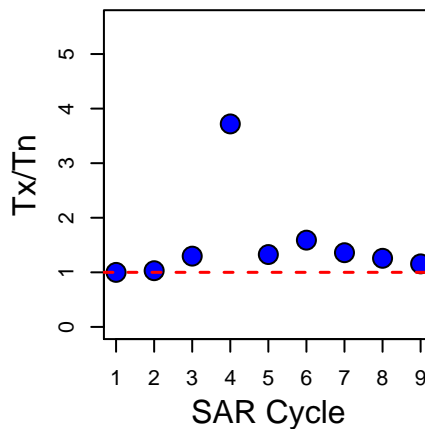
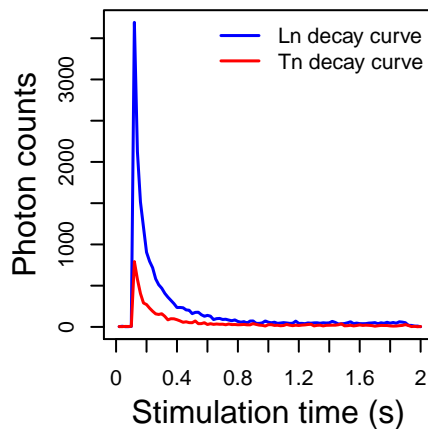
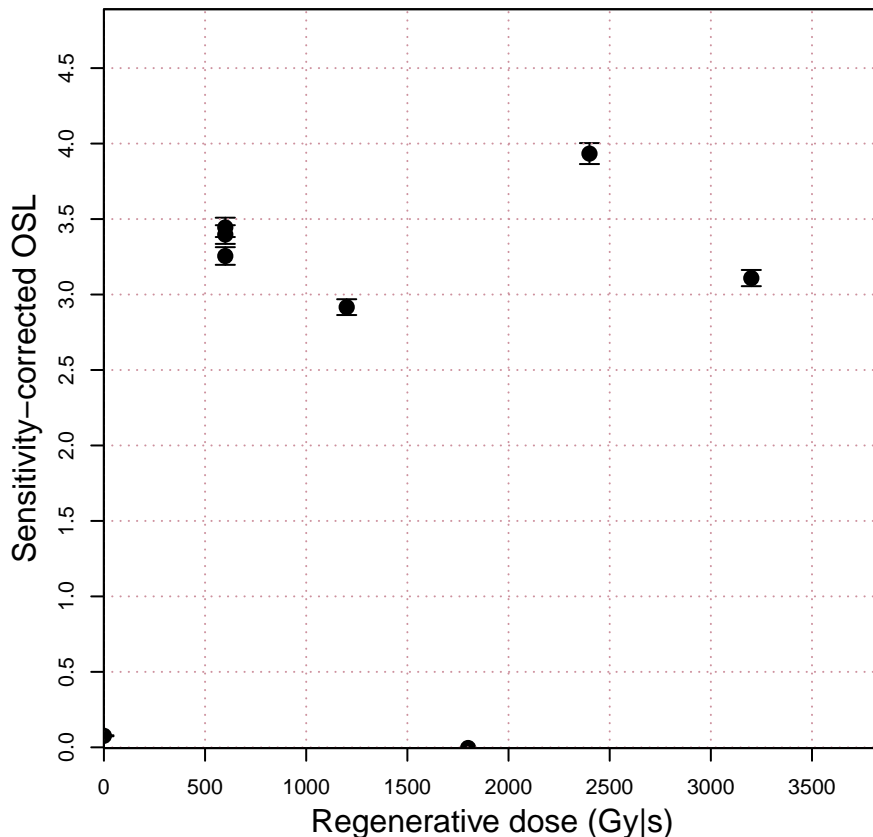
ED: NA \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=361, Position=7, Grain=61]

Status: model fit failed

Tn: 2256 +/- 66.42

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.2 +/- 3.32

RSE of Tn: 2.94 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.05

Recycling ratio 2: 0.99 +/- 0.05

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 1.88 +/- 0.18 (%)

Recuperation 2: 1.95 +/- 0.19 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

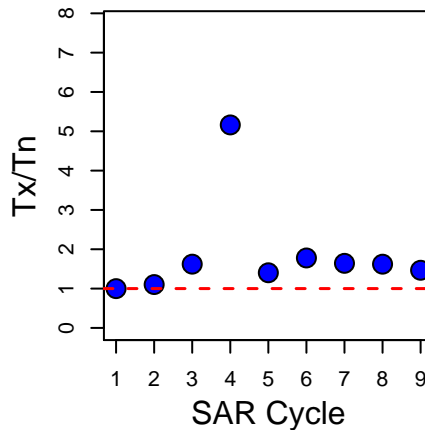
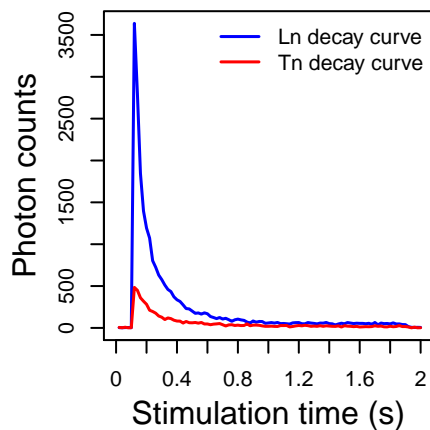
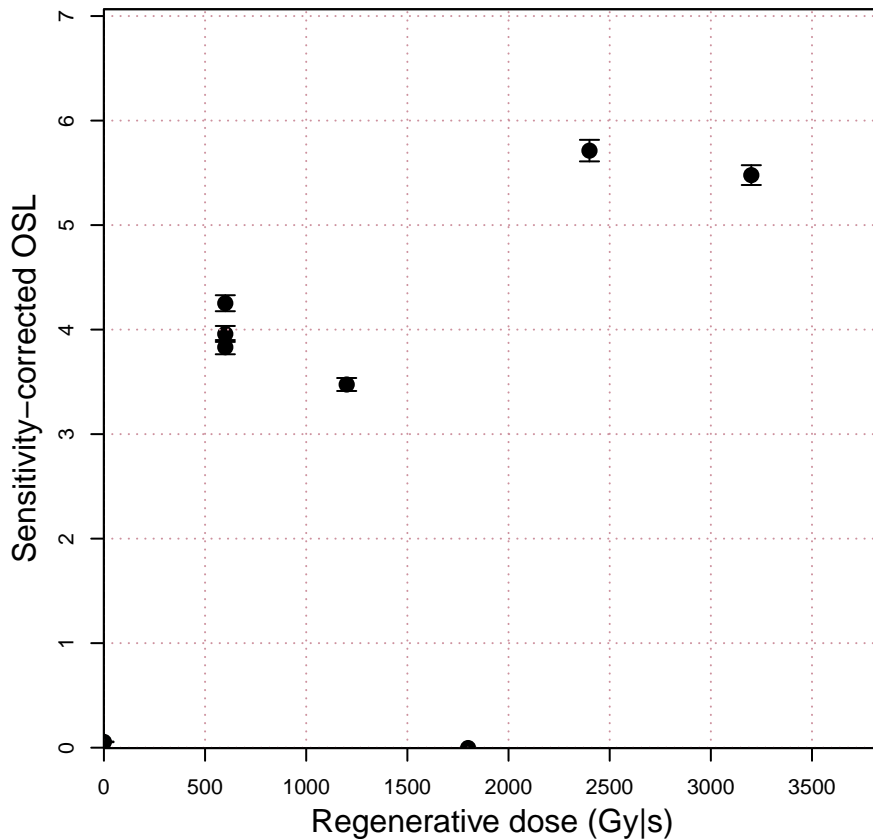
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=362, Position=7, Grain=62]
=====

Status: model fit failed
=====

Tn: 1805.5 +/- 56.94
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 21.4 +/- 2.33
RSE of Tn: 3.15 (%)
Fast ratio of Tn: NA +/- NA
=====

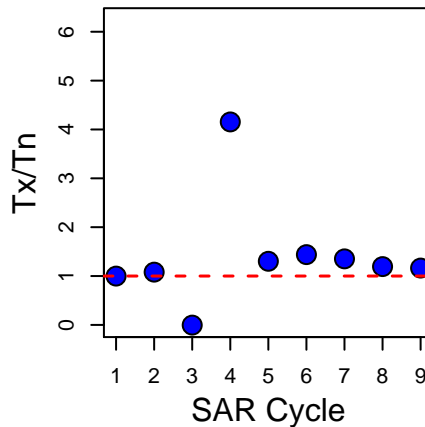
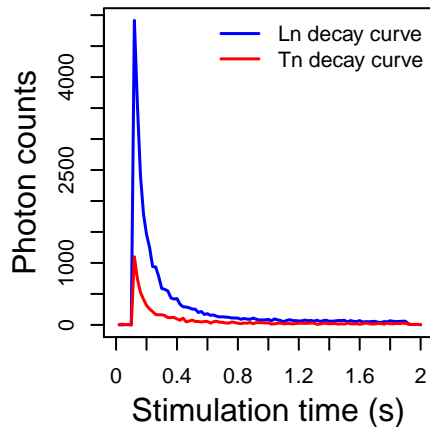
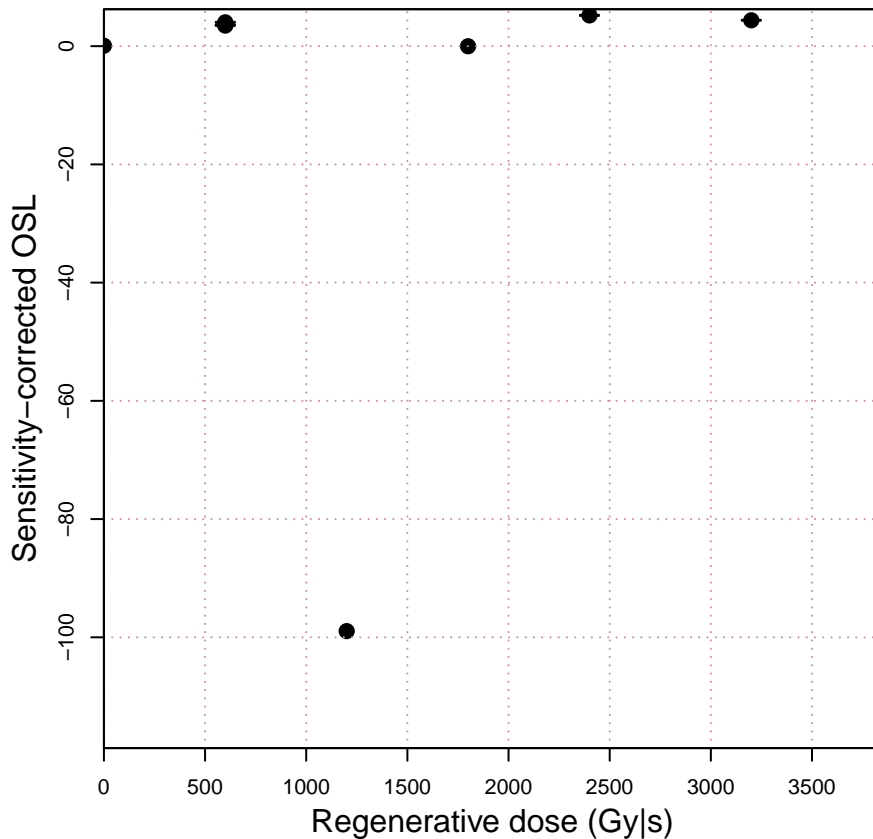
Recycling ratio 1: 0.97 +/- 0.05
Recycling ratio 2: 1.07 +/- 0.06
Recycling ratio 3: 1.11 +/- 0.06
=====

Recuperation 1: 0.94 +/- 0.11 (%)
Recuperation 2: 0.97 +/- 0.11 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=364, Position=7, Grain=64]

Status: model fit failed

Tn: 2987.5 +/- 81.99

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 28.28 +/- 2.75

RSE of Tn: 2.74 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.86 +/- 0.04

Recycling ratio 3: 0.96 +/- 0.05

Recuperation 1: 1.61 +/- 0.13 (%)

Recuperation 2: 1.44 +/- 0.12 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

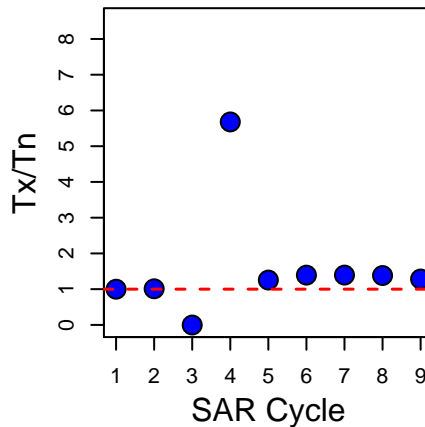
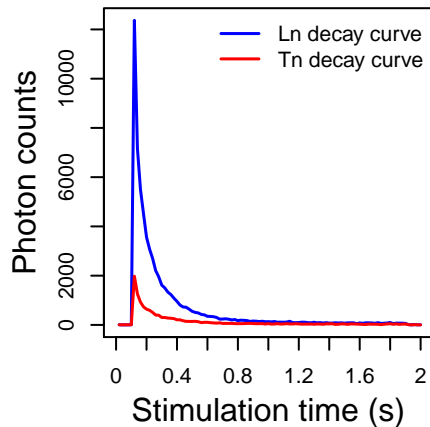
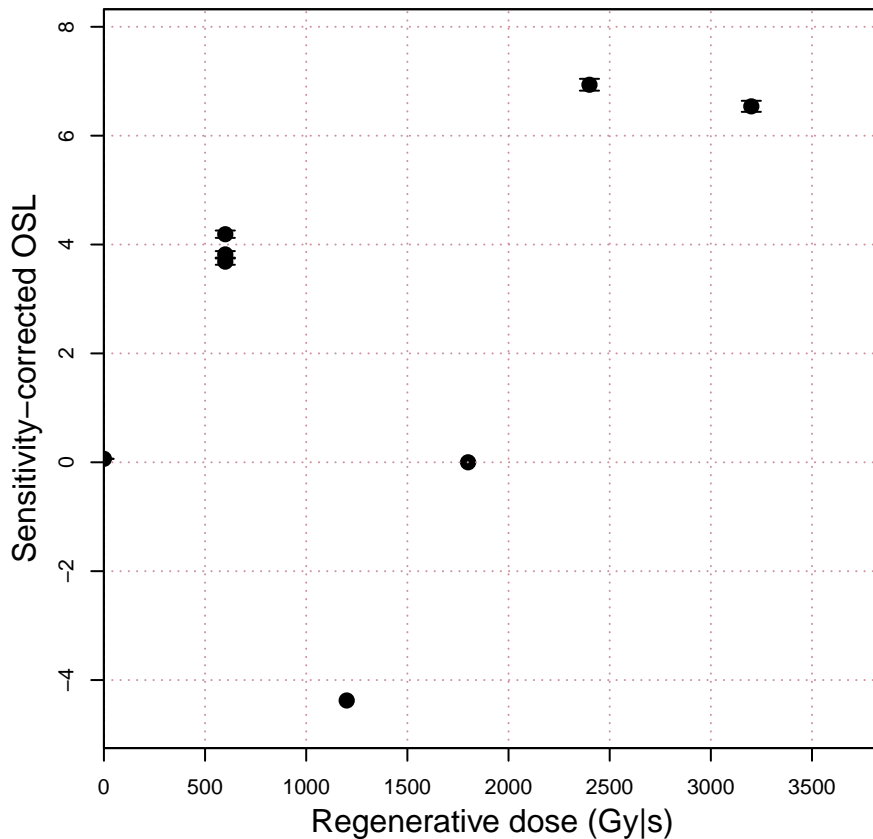
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=365, Position=7, Grain=65]
=====

Status: model fit failed
=====

Tn: 5388.5 +/- 131.26
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 36.8 +/- 3.04
RSE of Tn: 2.44 (%)
Fast ratio of Tn: NA +/- NA
=====

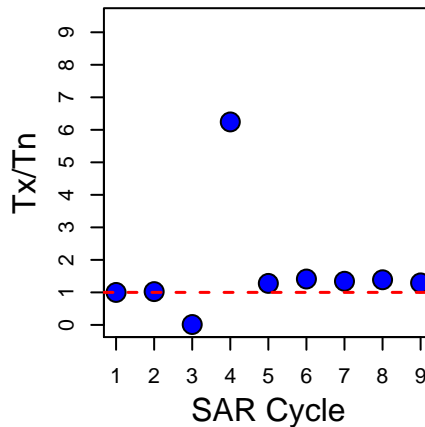
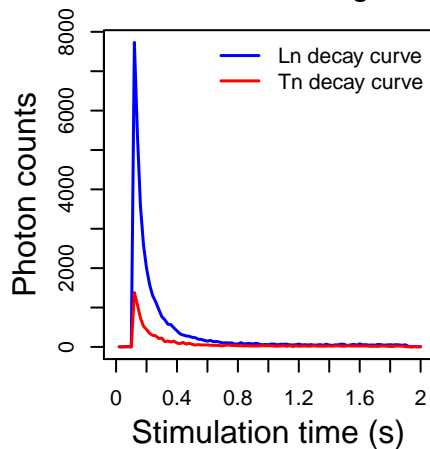
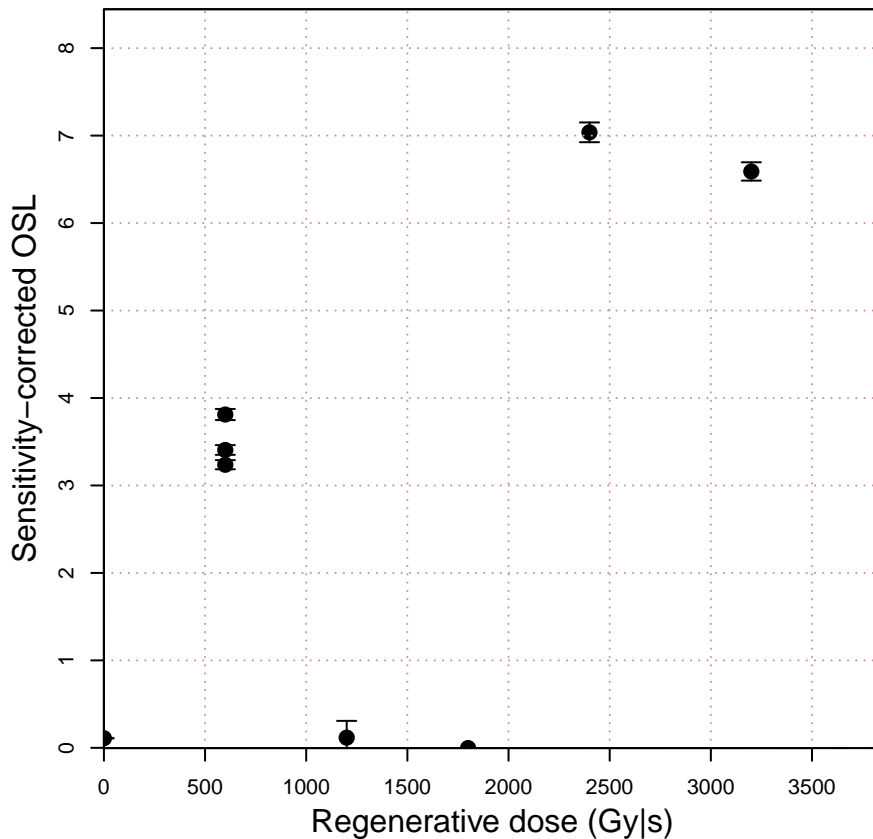
Recycling ratio 1: 0.88 +/- 0.04
Recycling ratio 2: 0.91 +/- 0.04
Recycling ratio 3: 1.04 +/- 0.05
=====

Recuperation 1: 1.05 +/- 0.08 (%)
Recuperation 2: 0.92 +/- 0.07 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=366, Position=7, Grain=66]

Status: model fit failed

Tn: 4063.5 +/- 103.91

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 47.98 +/- 5.21

RSE of Tn: 2.56 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.85 +/- 0.04

Recycling ratio 2: 0.89 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 2.12 +/- 0.14 (%)

Recuperation 2: 1.56 +/- 0.1 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

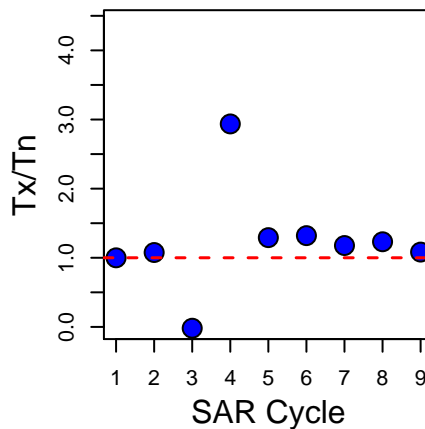
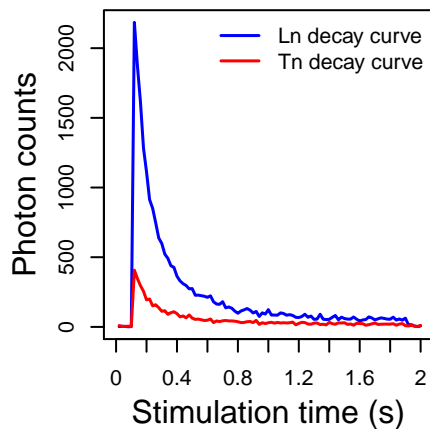
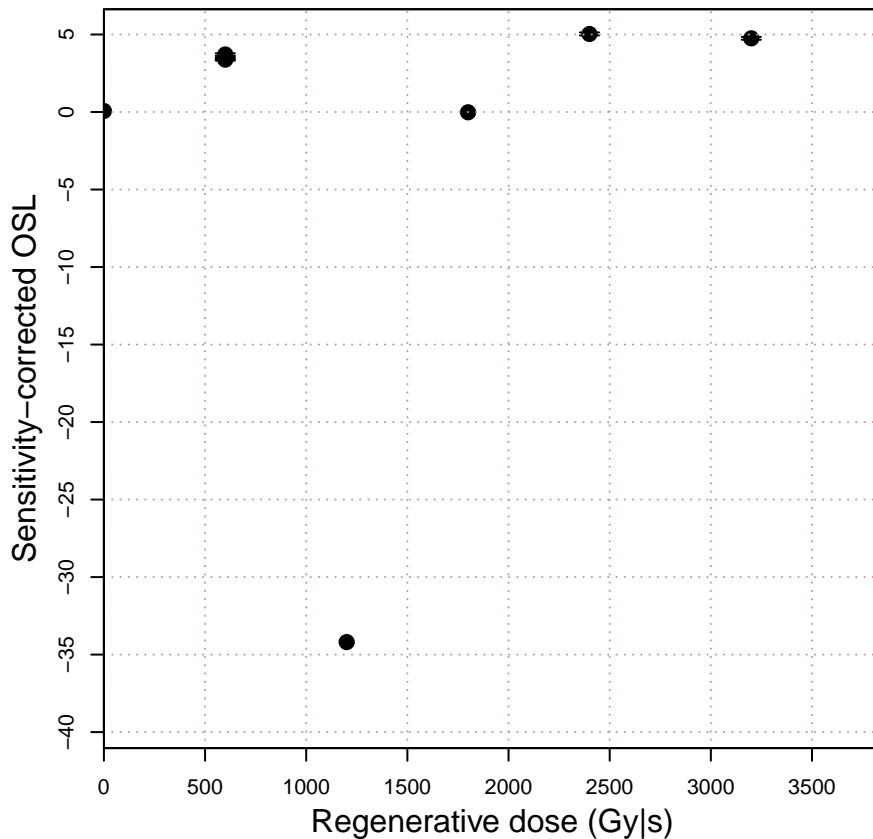
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=367, Position=7, Grain=67]

Status: model fit failed

Tn: 1407.5 +/- 48.36

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 16.22 +/- 1.74

RSE of Tn: 3.44 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.06

Recycling ratio 2: 1.07 +/- 0.06

Recycling ratio 3: 1.1 +/- 0.06

Recuperation 1: 1.24 +/- 0.17 (%)

Recuperation 2: 1.36 +/- 0.18 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

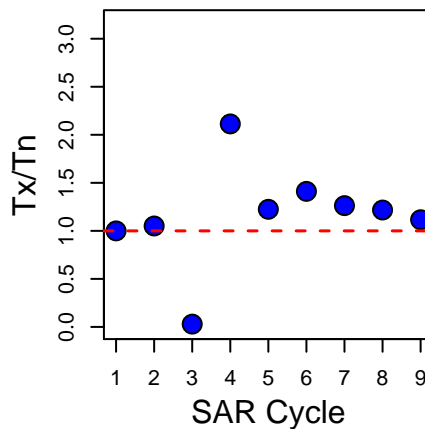
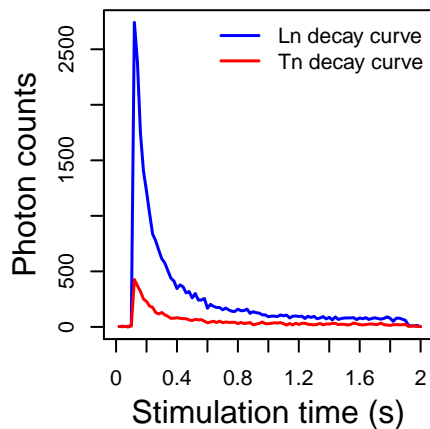
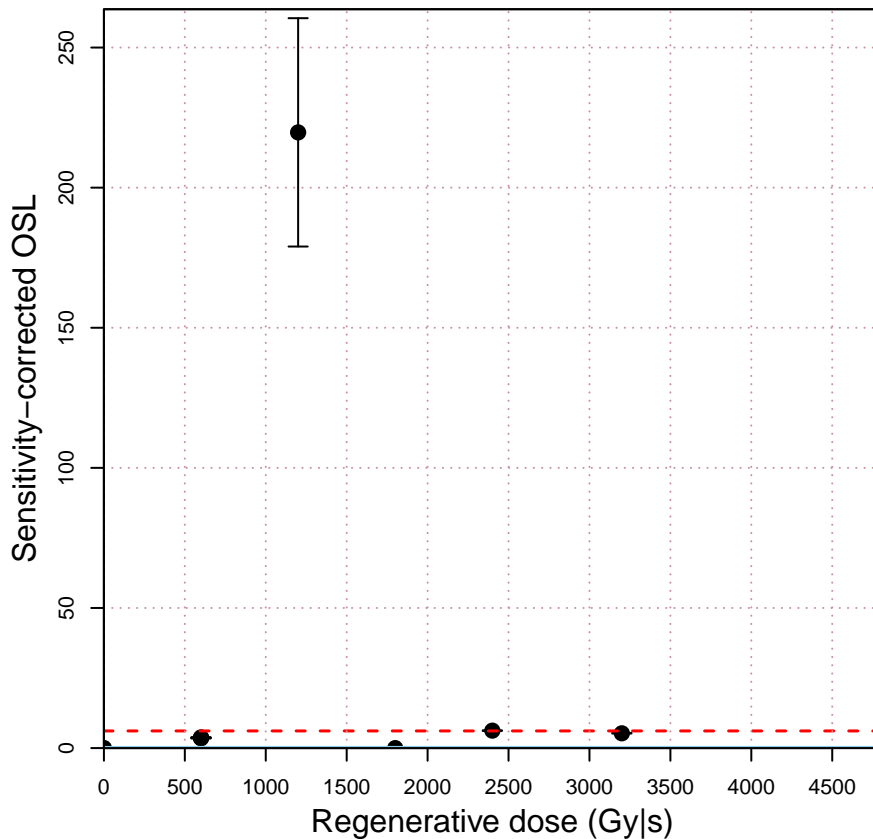
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=368, Position=7, Grain=68]

Status: Ln/Tn saturated

Tn: 1493 +/- 50.42

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 15.22 +/- 1.53

RSE of Tn: 3.38 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 0.96 +/- 0.05

Recuperation 1: 0.69 +/- 0.12 (%)

Recuperation 2: 0.02 +/- 0.01 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3195.07

Average error in fit: 27.49

Reduced Chi-Square: 1065.02

Figure Of Merit: 58896.72 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

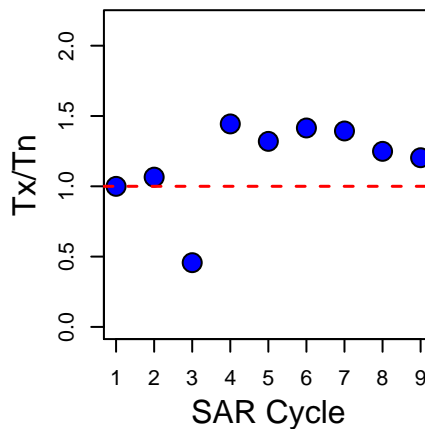
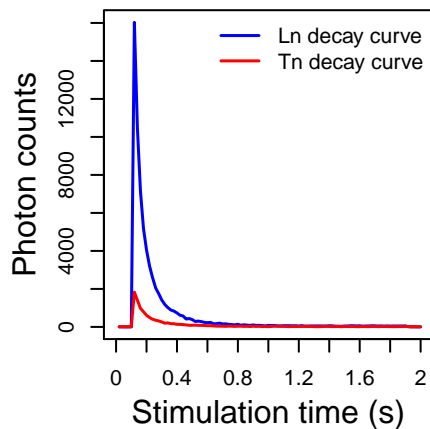
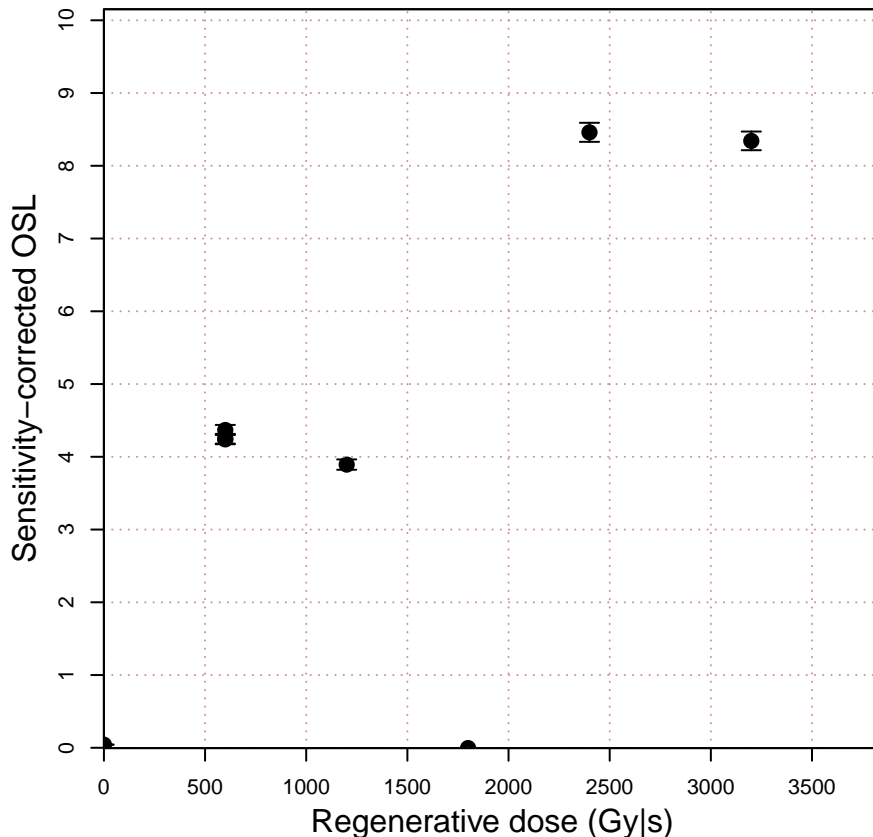
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=369, Position=7, Grain=69]
=====

Status: model fit failed
=====

Tn: 5528.5 +/- 133.76
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 61.42 +/- 6.47
RSE of Tn: 2.42 (%)
Fast ratio of Tn: NA +/- NA
=====

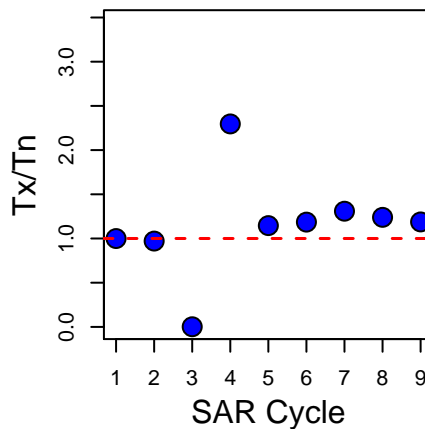
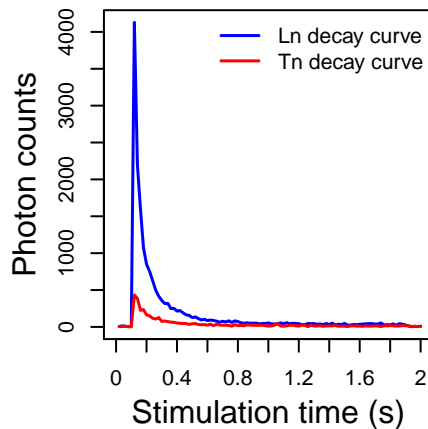
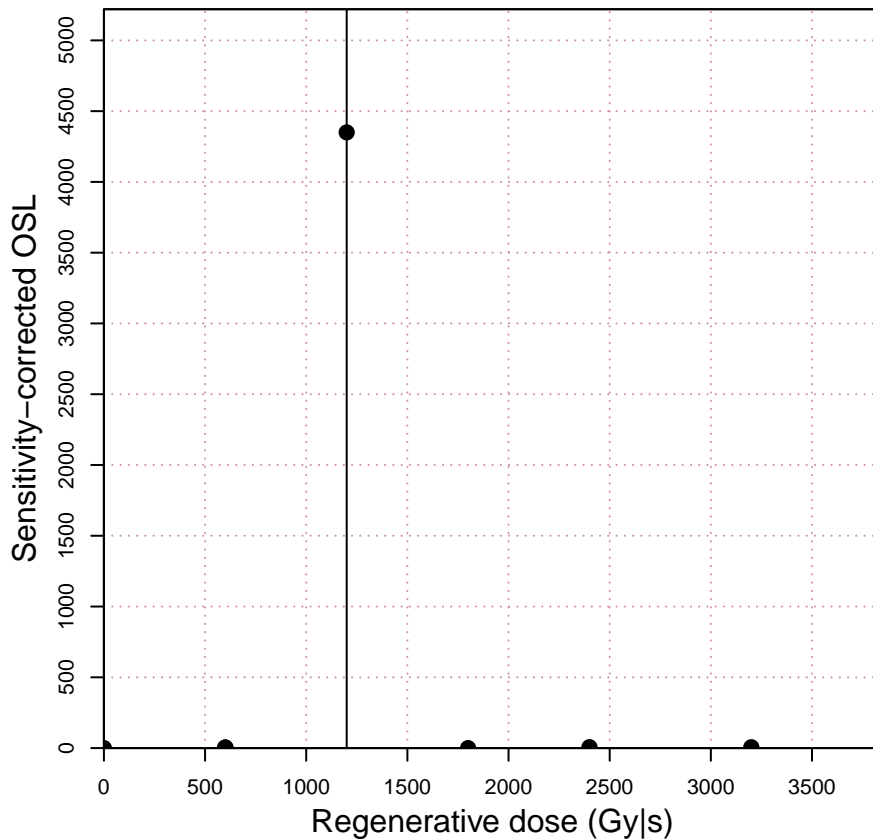
Recycling ratio 1: 0.97 +/- 0.04
Recycling ratio 2: 0.97 +/- 0.04
Recycling ratio 3: 1 +/- 0.04
=====

Recuperation 1: 0.56 +/- 0.04 (%)
Recuperation 2: 0.51 +/- 0.04 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=370, Position=7, Grain=70]

Status: model fit failed

Tn: 1374.5 +/- 47.24

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.36 +/- 2.66

RSE of Tn: 3.44 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.06

Recycling ratio 2: 0.96 +/- 0.06

Recycling ratio 3: 1.02 +/- 0.06

Recuperation 1: 0.47 +/- 0.09 (%)

Recuperation 2: 0 +/- 0 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

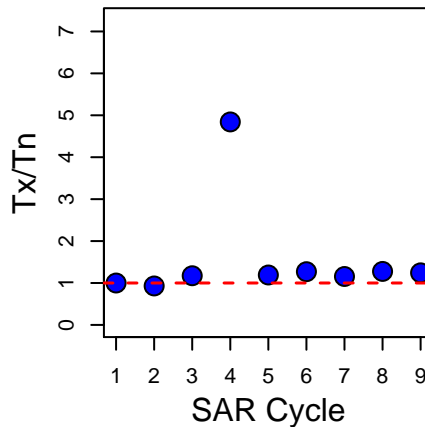
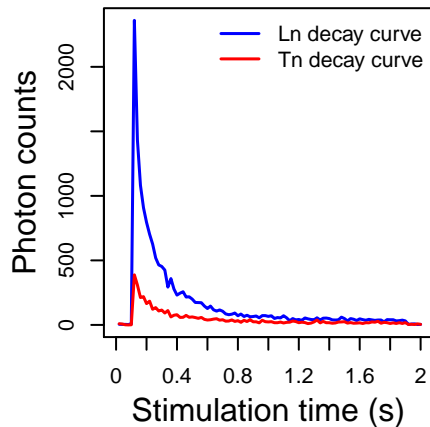
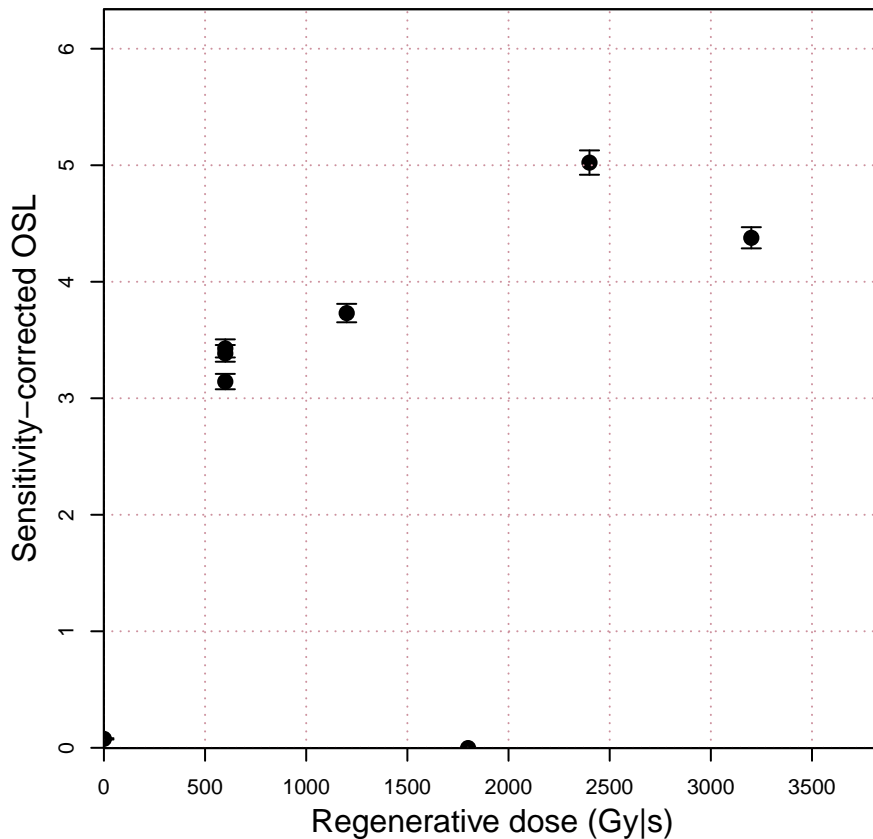
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=371, Position=7, Grain=71]

Status: model fit failed

Tn: 1212 \pm 43.83

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 15.96 \pm 1.83

RSE of Tn: 3.62 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.06

Recycling ratio 2: 0.99 \pm 0.06

Recycling ratio 3: 1.08 \pm 0.06

Recuperation 1: 1.45 \pm 0.22 (%)

Recuperation 2: 1.53 \pm 0.23 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

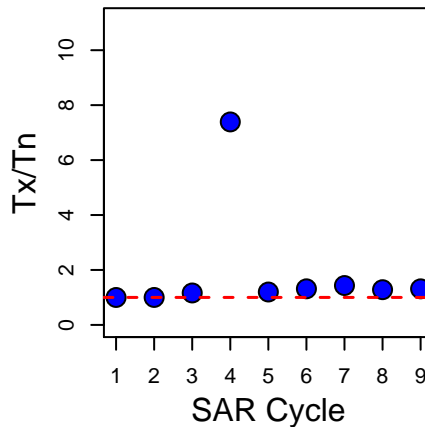
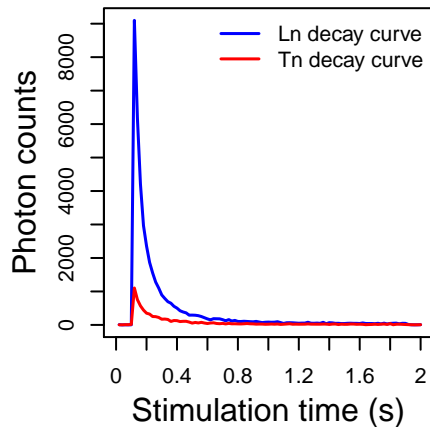
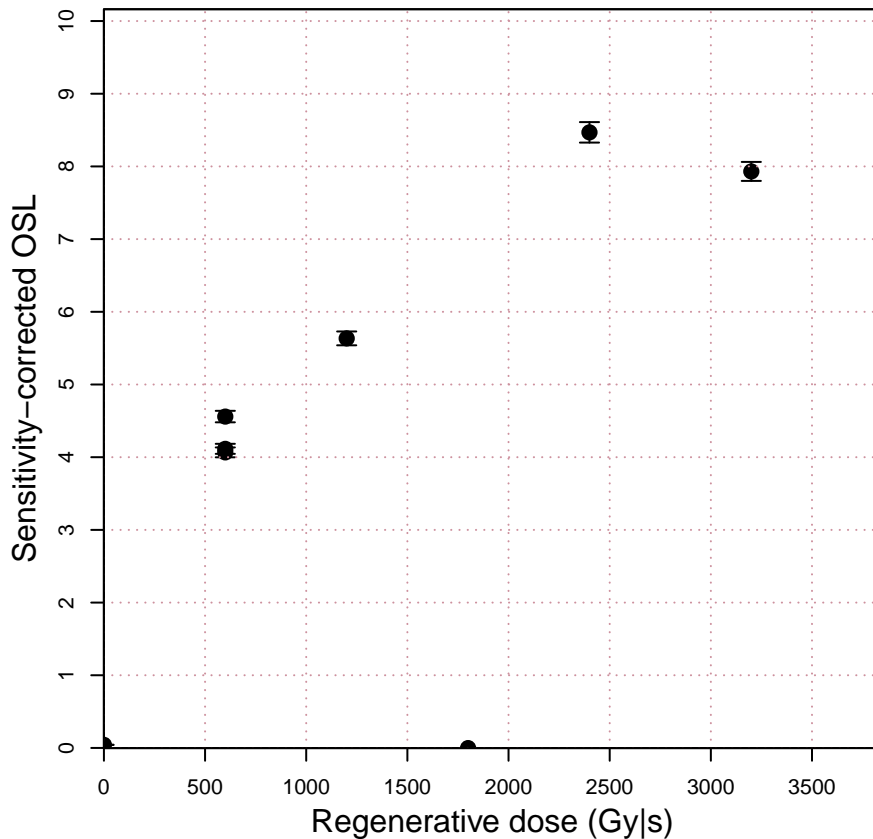
ED: NA \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=372, Position=7, Grain=72]
=====

Status: model fit failed
=====

Tn: 3126 +/- 84.71
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 34.26 +/- 3.58
RSE of Tn: 2.71 (%)
Fast ratio of Tn: NA +/- NA
=====

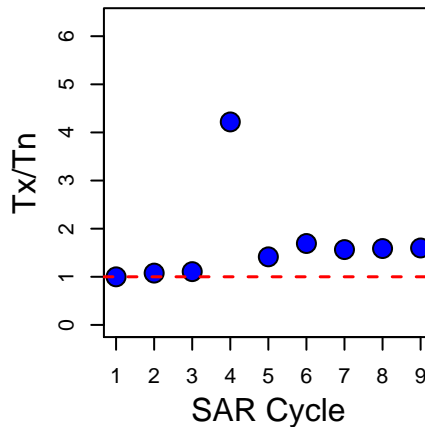
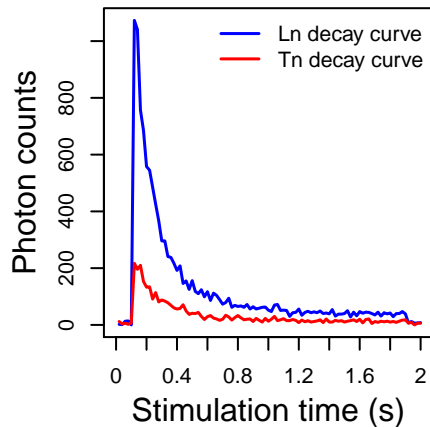
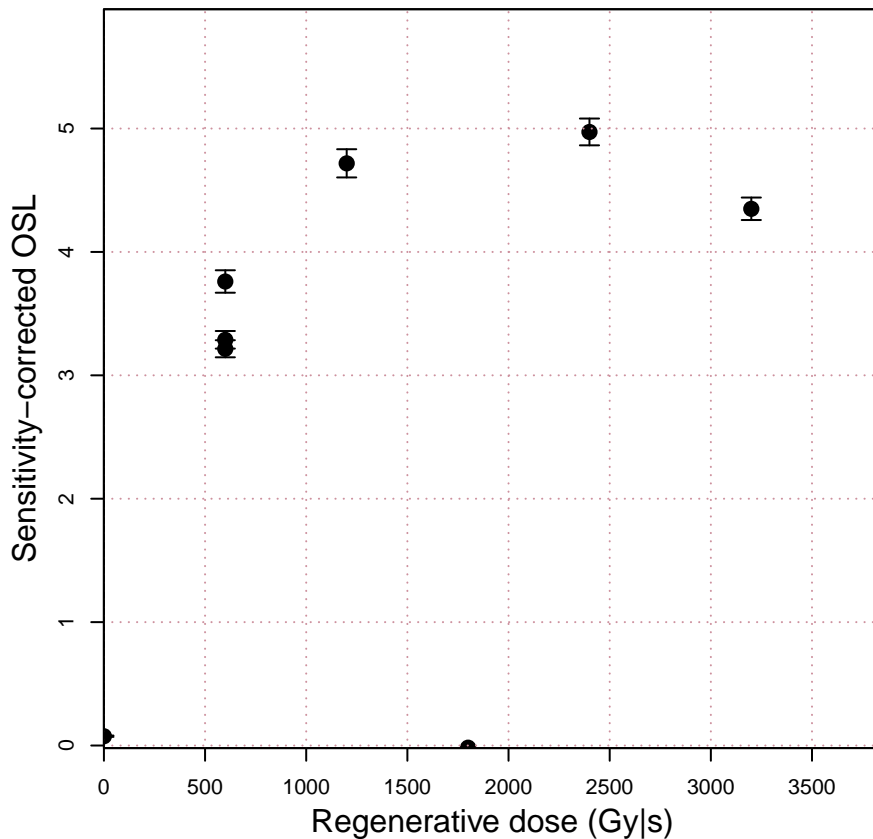
Recycling ratio 1: 0.9 +/- 0.04
Recycling ratio 2: 0.89 +/- 0.04
Recycling ratio 3: 0.99 +/- 0.05
=====

Recuperation 1: 0.55 +/- 0.05 (%)
Recuperation 2: 0.51 +/- 0.05 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]

Summary



ID: [NO=373, Position=7, Grain=73]

Status: model fit failed

Tn: 846.5 +/- 35.03

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 14.54 +/- 1.9

RSE of Tn: 4.14 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.06

Recycling ratio 2: 0.86 +/- 0.06

Recycling ratio 3: 0.98 +/- 0.06

Recuperation 1: 1.63 +/- 0.24 (%)

Recuperation 2: 1.52 +/- 0.22 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

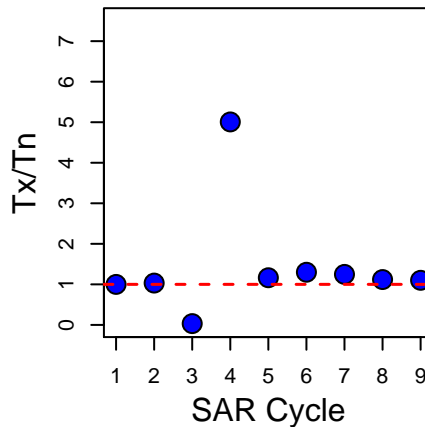
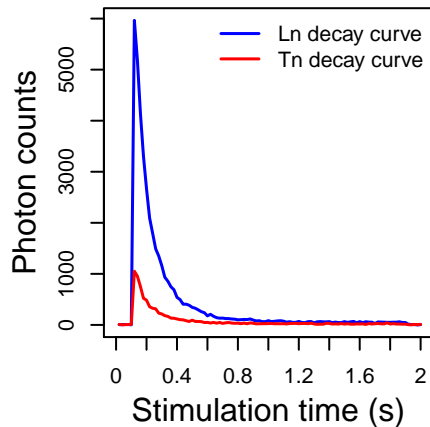
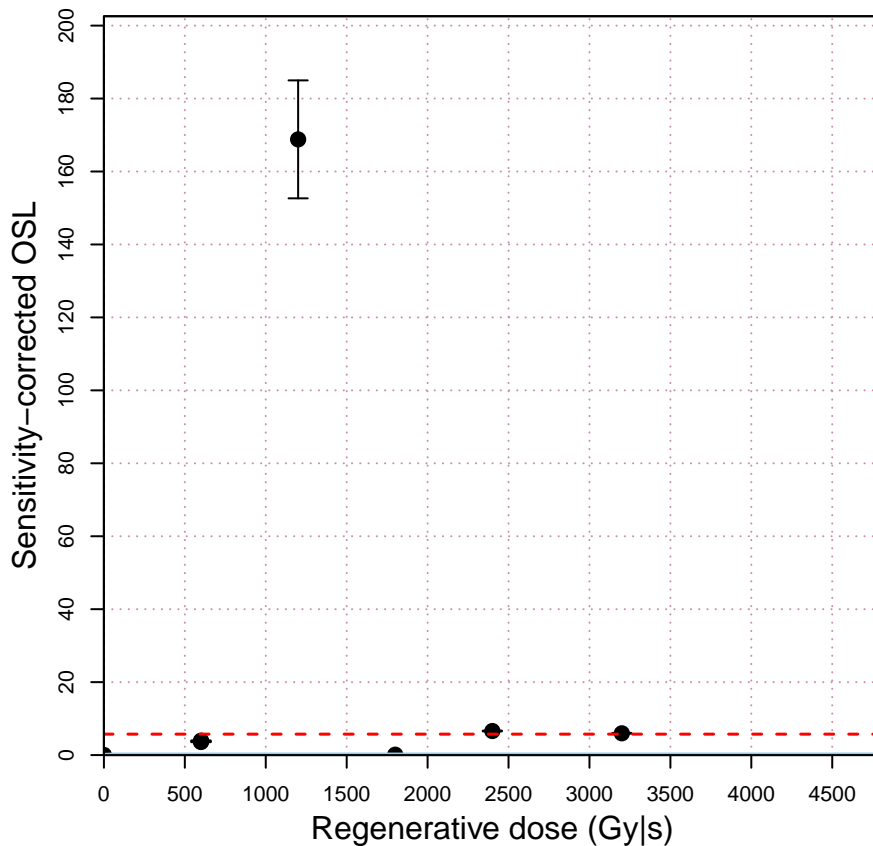
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

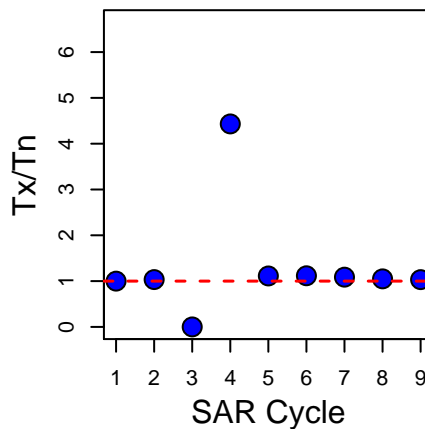
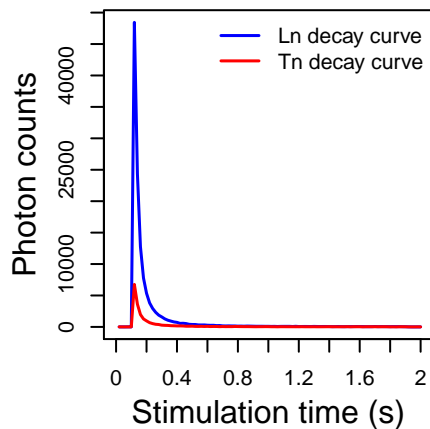
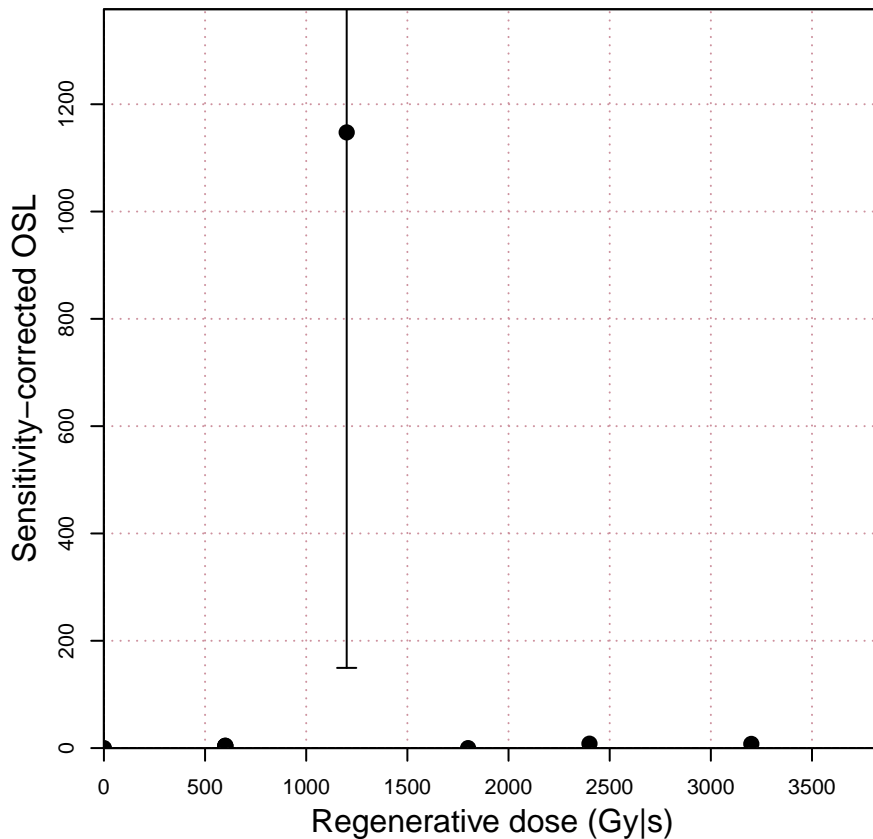
68% interval: [NA, NA]

Summary



| |
|------------------------------------|
| ID: [NO=374, Position=7, Grain=74] |
| ===== |
| Status: Ln/Tn saturated |
| ===== |
| Tn: 3652.5 +/- 95.66 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 34.98 +/- 3.42 |
| RSE of Tn: 2.62 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.91 +/- 0.04 |
| Recycling ratio 2: 0.95 +/- 0.05 |
| Recycling ratio 3: 1.05 +/- 0.05 |
| ===== |
| Recuperation 1: 0.79 +/- 0.08 (%) |
| Recuperation 2: 0.03 +/- 0.01 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 4286.24 |
| Average error in fit: 21.13 |
| Reduced Chi-Square: 1428.75 |
| Figure Of Merit: 17905.38 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: NULL (%) |
| ED: Inf +/- NA (Gy/s) |
| RSE of ED: NA (%) |
| 95% interval: [-Inf, +Inf] |
| 68% interval: [-Inf, +Inf] |

Summary



ID: [NO=375, Position=7, Grain=75]

Status: model fit failed

Tn: 14457.5 +/- 313.41

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 134.25 +/- 12.94

RSE of Tn: 2.17 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1 +/- 0.04

Recuperation 1: 1.08 +/- 0.06 (%)

Recuperation 2: 0.01 +/- 0.01 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

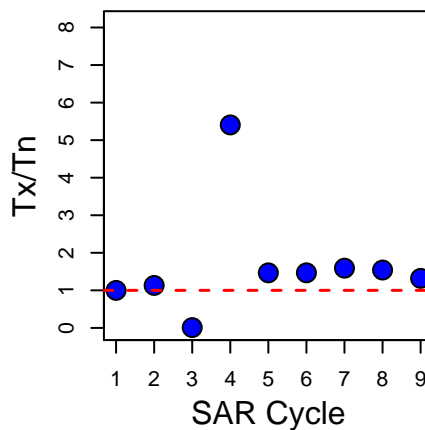
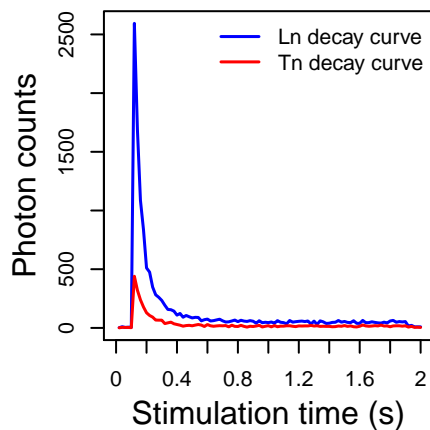
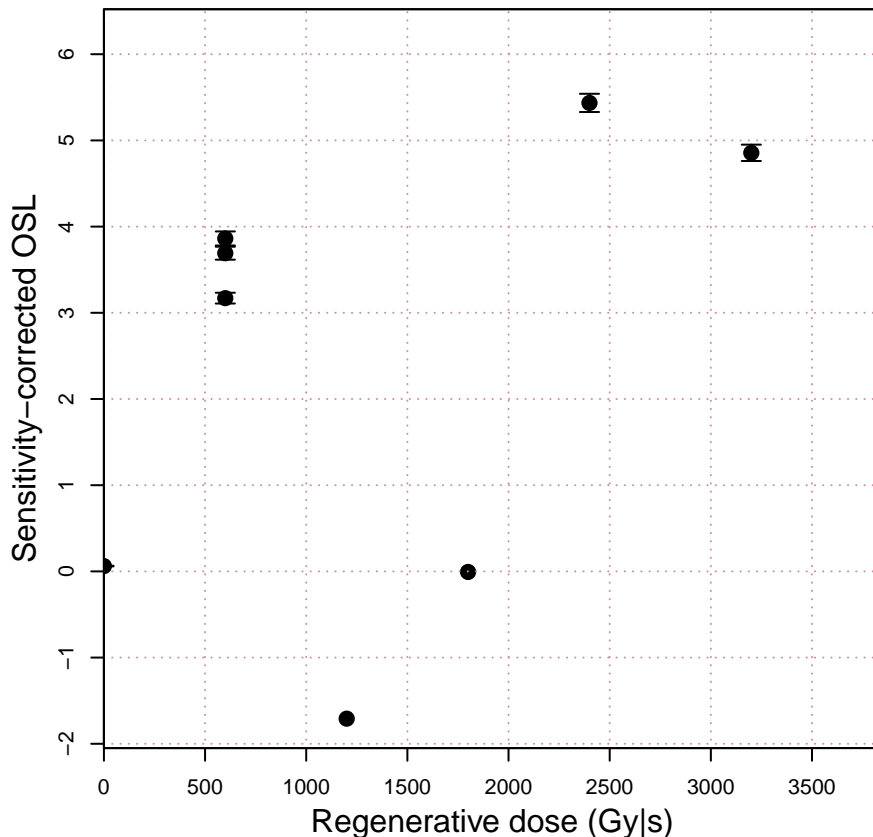
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=376, Position=7, Grain=76]

=====

Status: model fit failed

=====

Tn: 1222 +/- 44.12

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 15.38 +/- 1.72

RSE of Tn: 3.61 (%)

Fast ratio of Tn: NA +/- NA

=====

Recycling ratio 1: 0.82 +/- 0.05

Recycling ratio 2: 0.96 +/- 0.06

Recycling ratio 3: 1.16 +/- 0.07

=====

Recuperation 1: 1.17 +/- 0.15 (%)

Recuperation 2: 1.13 +/- 0.14 (%)

=====

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

=====

calED method: NULL

MC acceptance-rate: NULL (%)

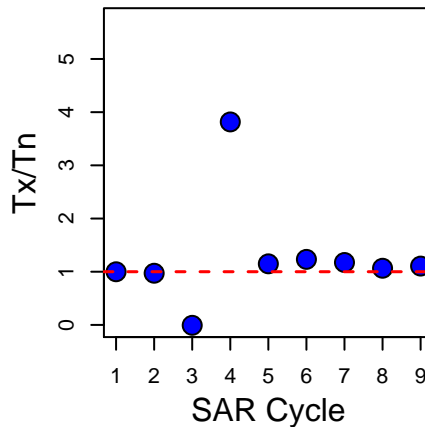
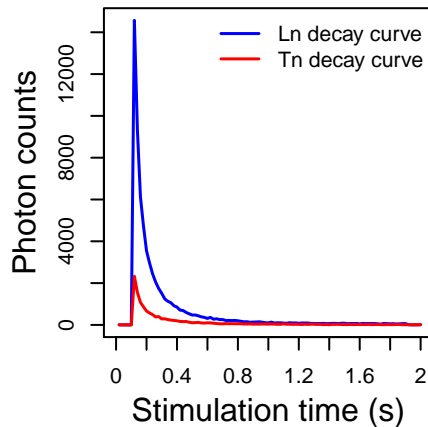
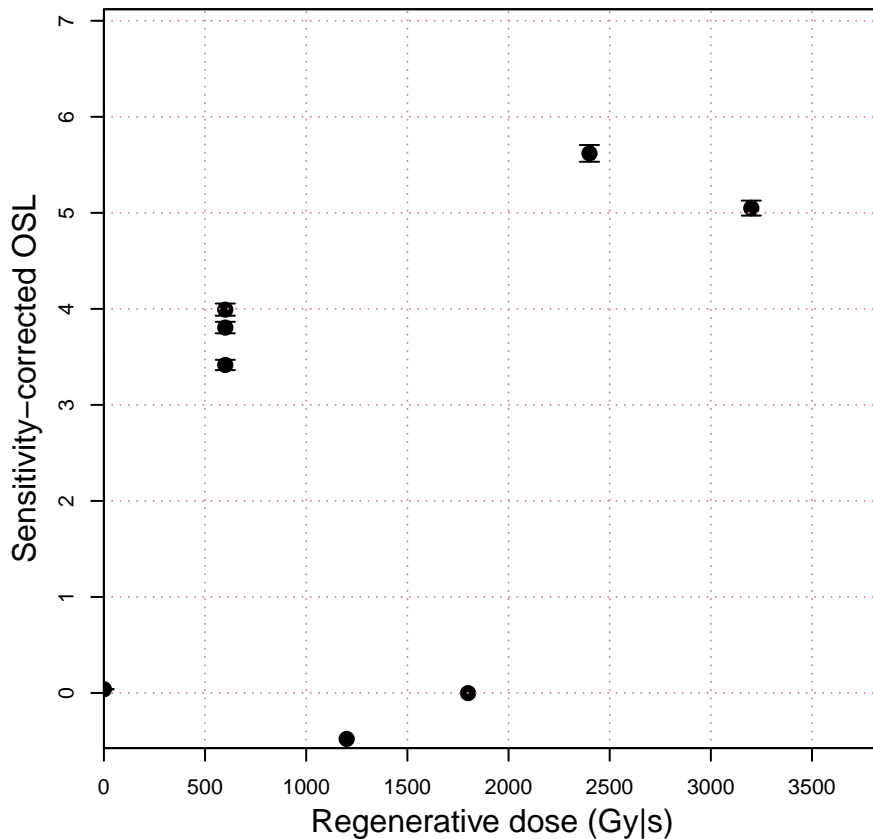
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=377, Position=7, Grain=77]

Status: model fit failed

Tn: 6403 +/- 151.4

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 82.05 +/- 9.29

RSE of Tn: 2.36 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.04

Recycling ratio 2: 0.86 +/- 0.04

Recycling ratio 3: 0.9 +/- 0.04

Recuperation 1: 0.65 +/- 0.05 (%)

Recuperation 2: 0.69 +/- 0.05 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

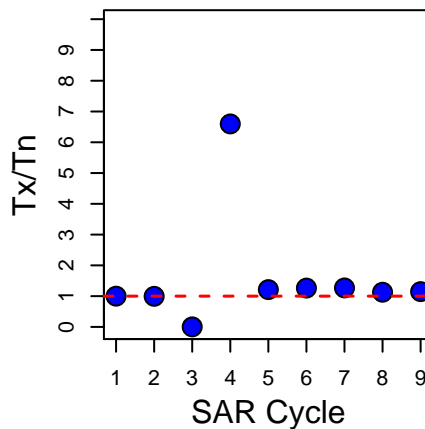
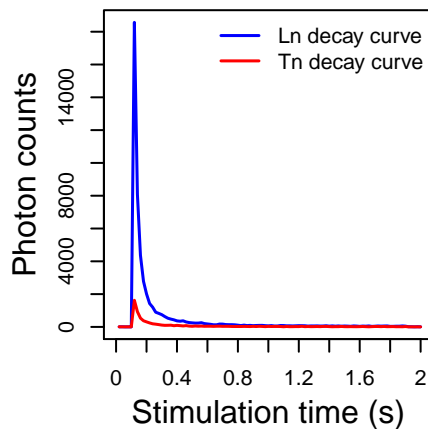
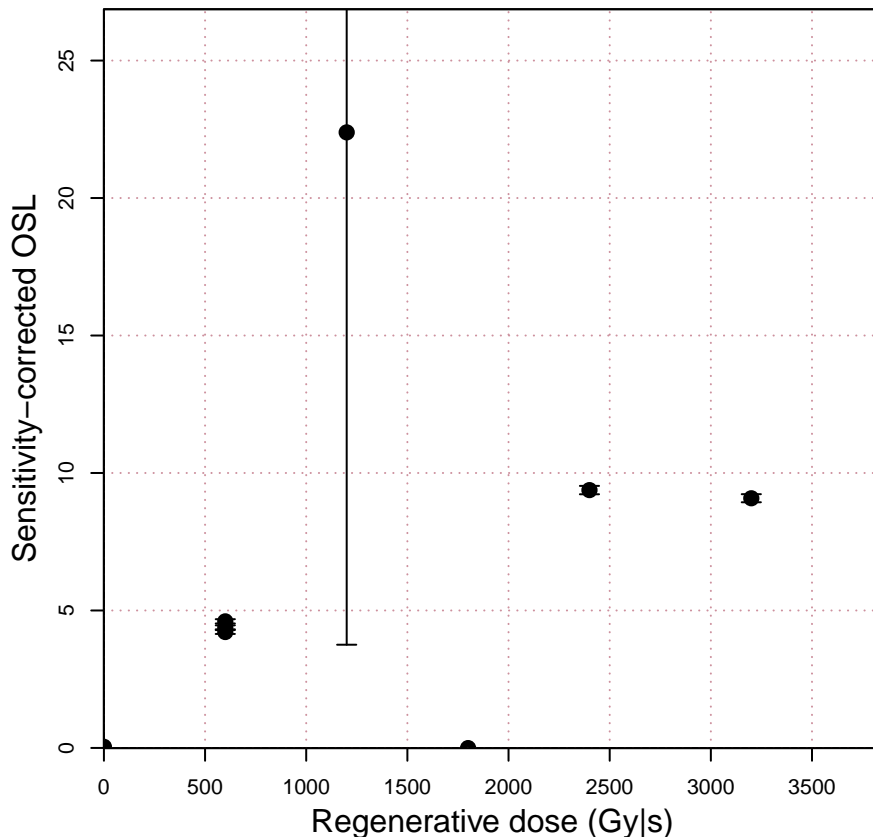
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=378, Position=7, Grain=78]

Status: model fit failed

Tn: 3680 +/- 96.07

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 42.82 +/- 4.62

RSE of Tn: 2.61 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 0.96 +/- 0.05

Recuperation 1: 0.45 +/- 0.04 (%)

Recuperation 2: 0.19 +/- 0.32 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

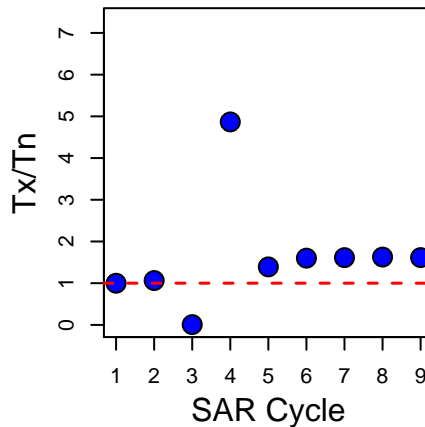
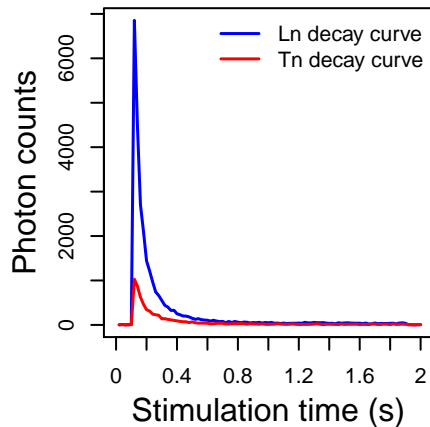
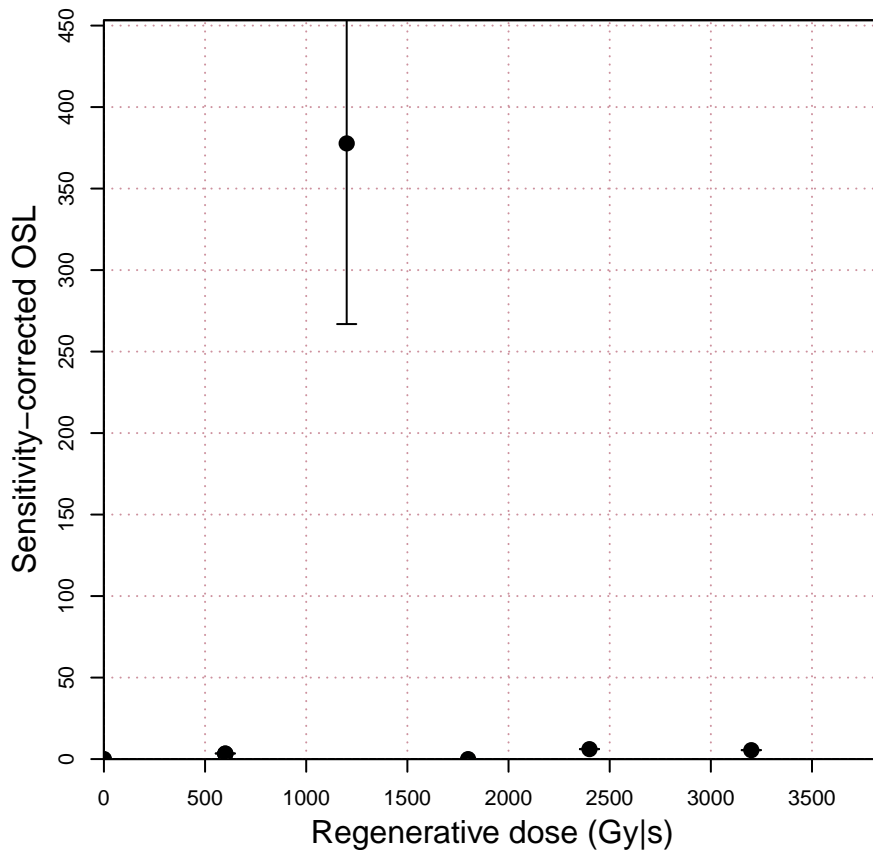
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=379, Position=7, Grain=79]

Status: model fit failed

Tn: 3263 +/- 87.31

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 48.99 +/- 6

RSE of Tn: 2.68 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.05

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 0.91 +/- 0.04

Recuperation 1: 1.06 +/- 0.09 (%)

Recuperation 2: 0.01 +/- 0.01 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

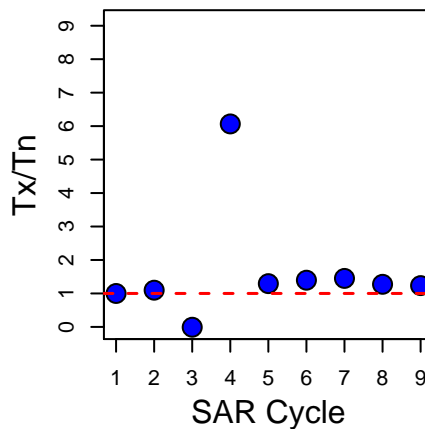
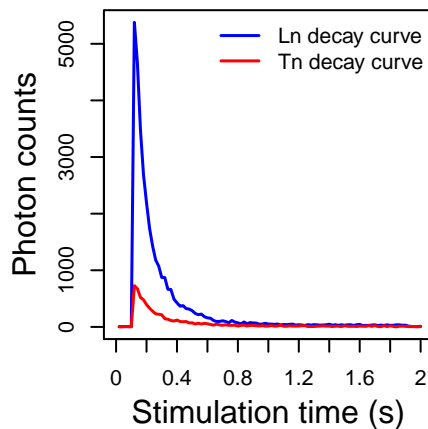
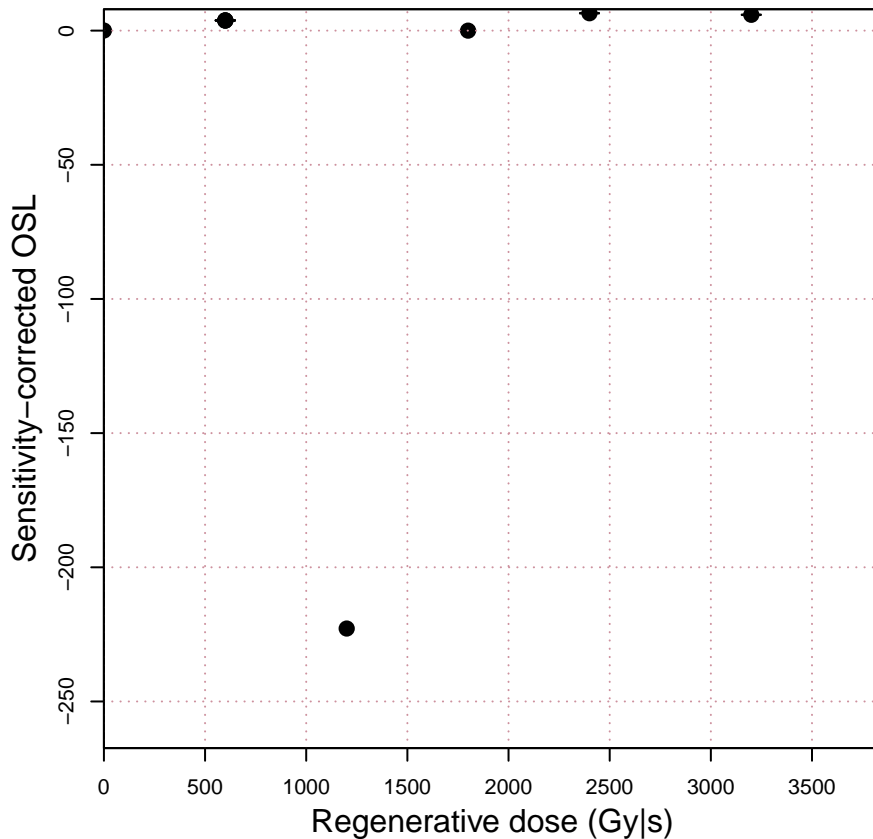
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=380, Position=7, Grain=80]

Status: model fit failed

Tn: 2744.5 \pm 76.38

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 54.29 \pm 7.63

RSE of Tn: 2.78 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.97 \pm 0.05

Recycling ratio 2: 0.97 \pm 0.05

Recycling ratio 3: 0.99 \pm 0.05

Recuperation 1: 0.66 \pm 0.07 (%)

Recuperation 2: 0.67 \pm 0.07 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

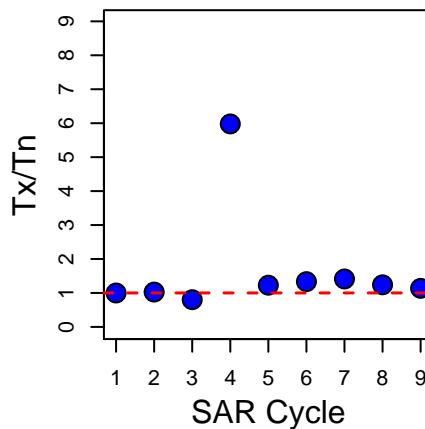
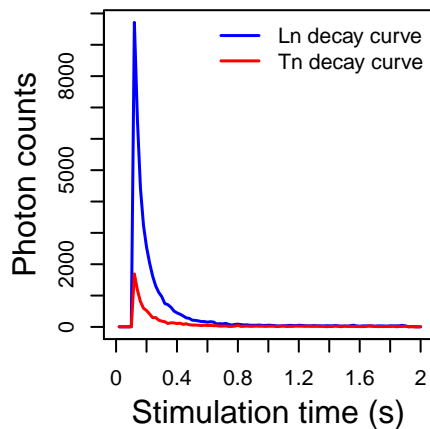
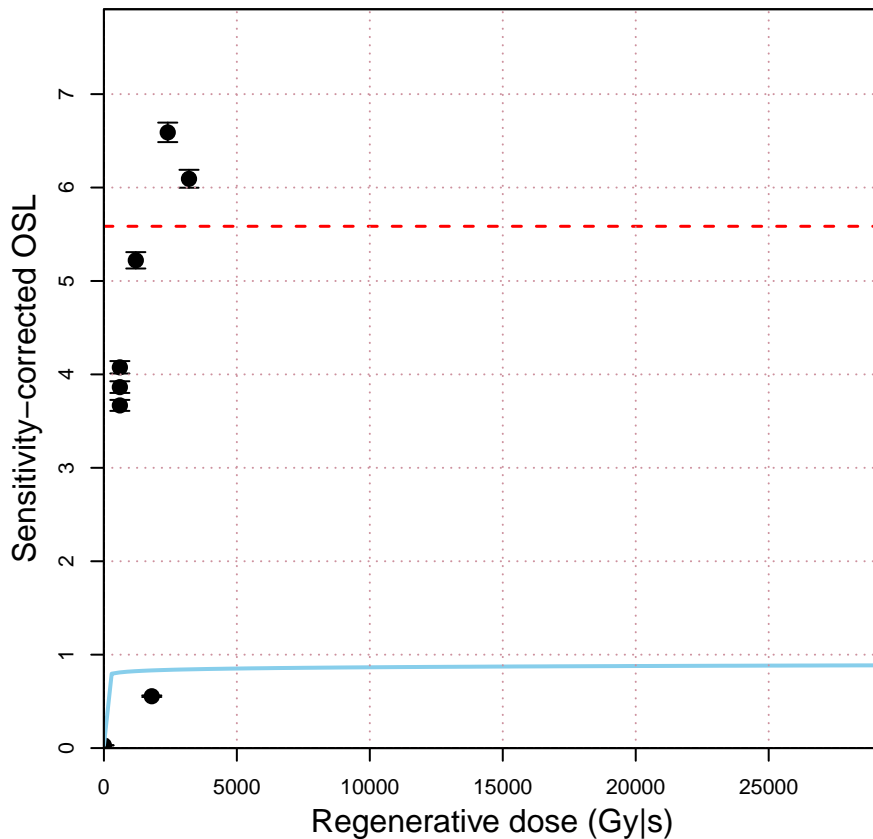
ED: NA \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=381, Position=7, Grain=81]

Status: Ln/Tn saturated

Tn: 4721 +/- 117.24

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 65.67 +/- 7.74

RSE of Tn: 2.48 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.53 +/- 0.05 (%)

Recuperation 2: 0.45 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4211.1

Average error in fit: 1.3

Reduced Chi-Square: 1403.7

Figure Of Merit: 428.92 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

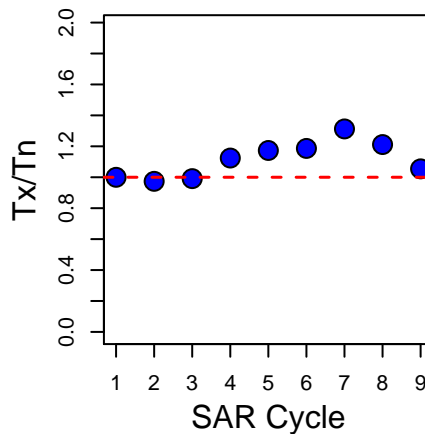
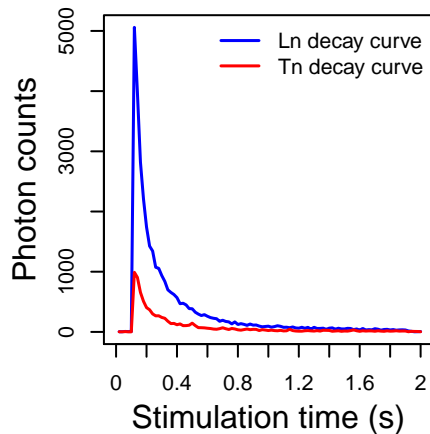
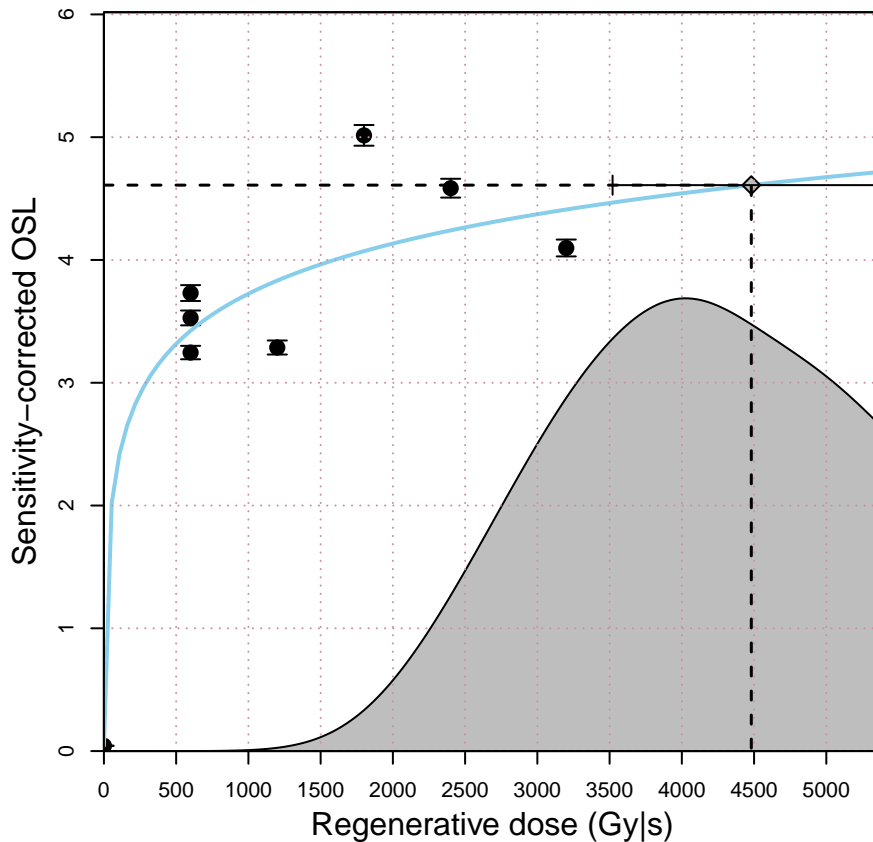
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=382, Position=7, Grain=82]

Status: OK

Tn: 3390 +/- 89.99

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 46.81 +/- 5.5

RSE of Tn: 2.65 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.05

Recycling ratio 3: 1.09 +/- 0.05

Recuperation 1: 0.94 +/- 0.09 (%)

Recuperation 2: 0.86 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 73.43

Average error in fit: 0.16

Reduced Chi-Square: 24.48

Figure Of Merit: 10.18 (%)

calED method: Extrapolation

MC acceptance-rate: 100 (%)

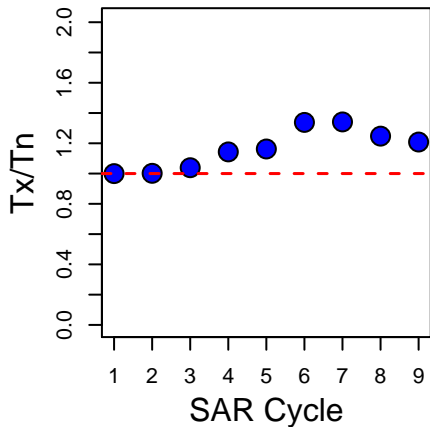
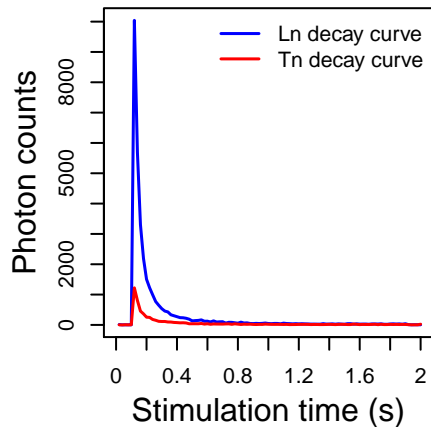
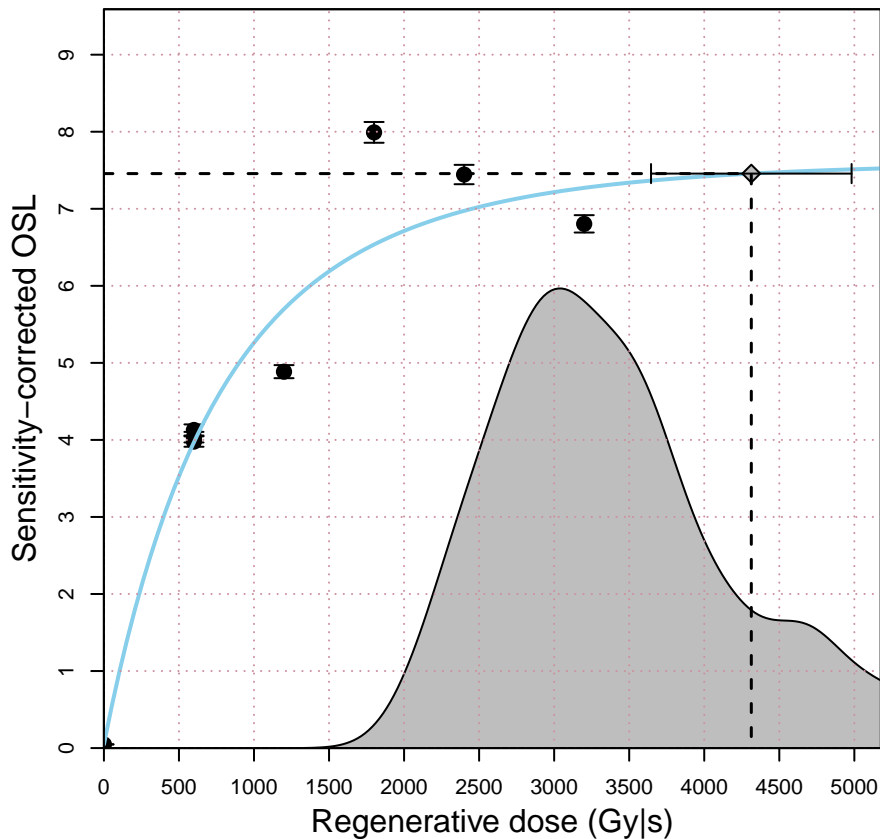
ED: 4480.93 +/- 1920.36 (Gy/s)

RSE of ED: 42.86 (%)

95% interval: [2410.31, 9510.8]

68% interval: [3276.22, 6490.6]

Summary



ID: [NO=383, Position=7, Grain=83]

Status: OK

Tn: 3029.5 +/- 82.52

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 42.79 +/- 5.08

RSE of Tn: 2.72 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.05

Recycling ratio 2: 0.98 +/- 0.05

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.64 +/- 0.07 (%)

Recuperation 2: 0.6 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 61.25

Average error in fit: 0.23

Reduced Chi-Square: 20.42

Figure Of Merit: 8.94 (%)

calED method: Extrapolation

MC acceptance-rate: 65.96 (%)

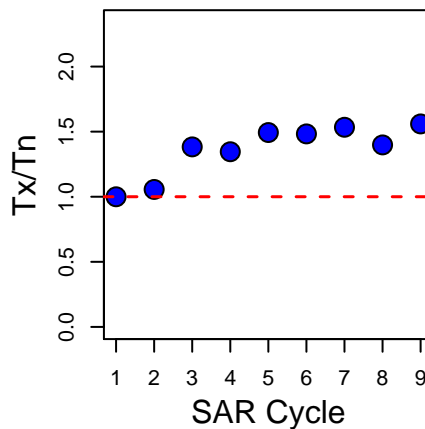
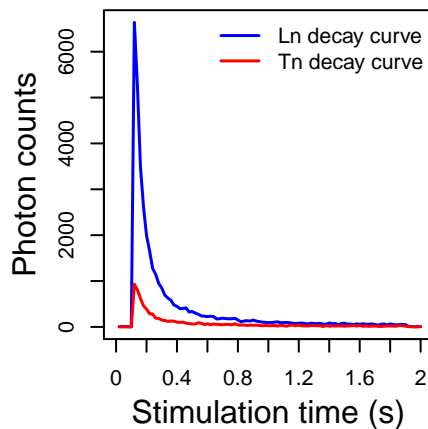
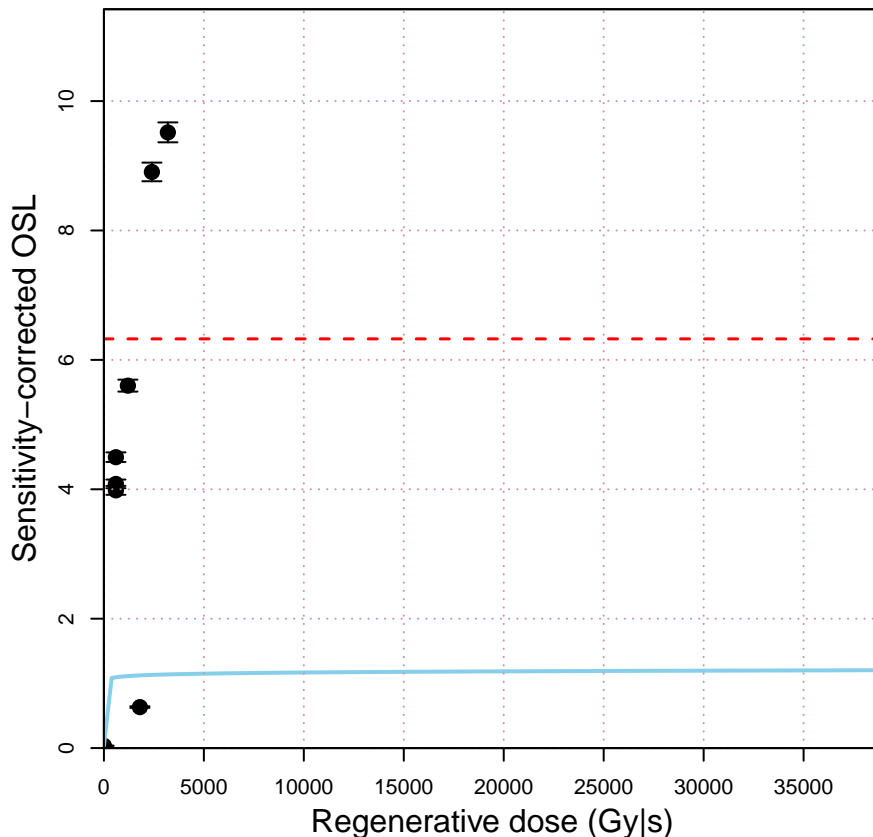
ED: 4313.56 +/- 1336.27 (Gy/s)

RSE of ED: 30.98 (%)

95% interval: [2205.89, 7212.71]

68% interval: [2657.09, 4560.94]

Summary



ID: [NO=384, Position=7, Grain=84]

Status: Ln/Tn saturated

Tn: 3123 +/- 84.62

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.32 +/- 3.75

RSE of Tn: 2.71 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.13 +/- 0.05

Recycling ratio 2: 1.03 +/- 0.05

Recycling ratio 3: 0.91 +/- 0.04

Recuperation 1: 0.58 +/- 0.06 (%)

Recuperation 2: 0.38 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3910.02

Average error in fit: 1.68

Reduced Chi-Square: 1303.34

Figure Of Merit: 388.46 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

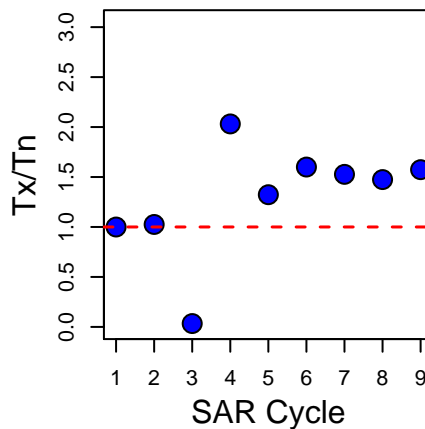
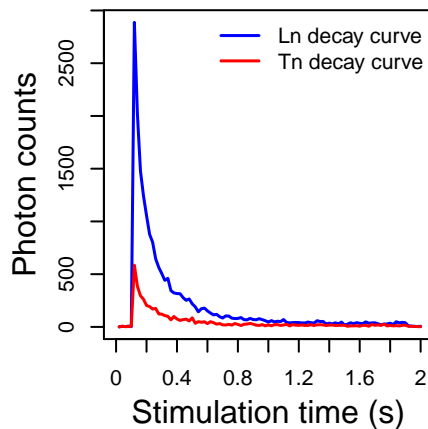
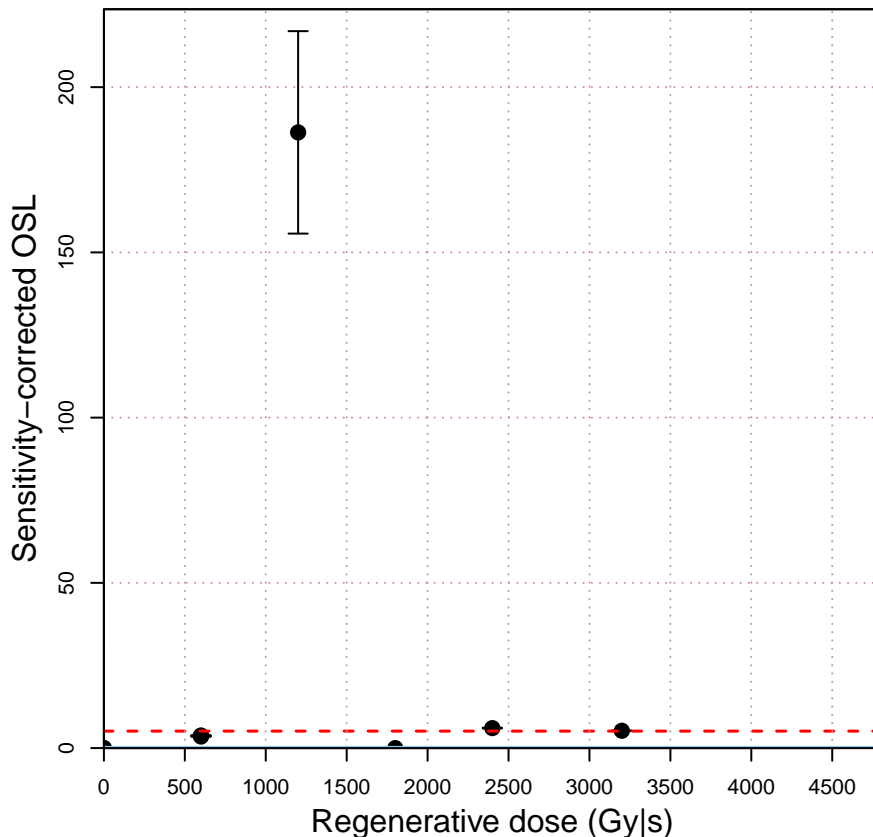
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=385, Position=7, Grain=85]
=====

Status: Ln/Tn saturated
=====

Tn: 1658.5 +/- 53.55
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 23.88 +/- 2.86
RSE of Tn: 3.23 (%)
Fast ratio of Tn: NA +/- NA
=====

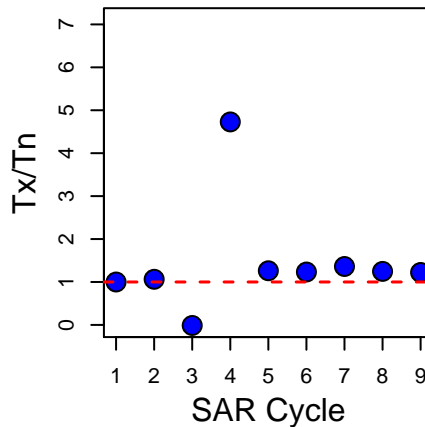
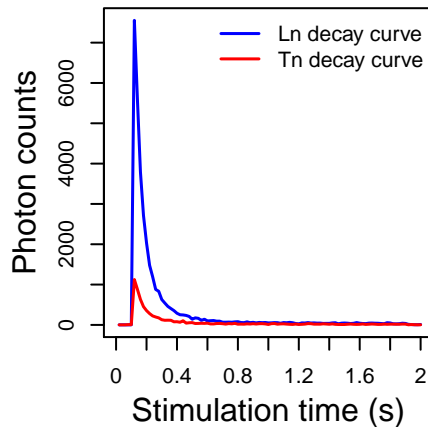
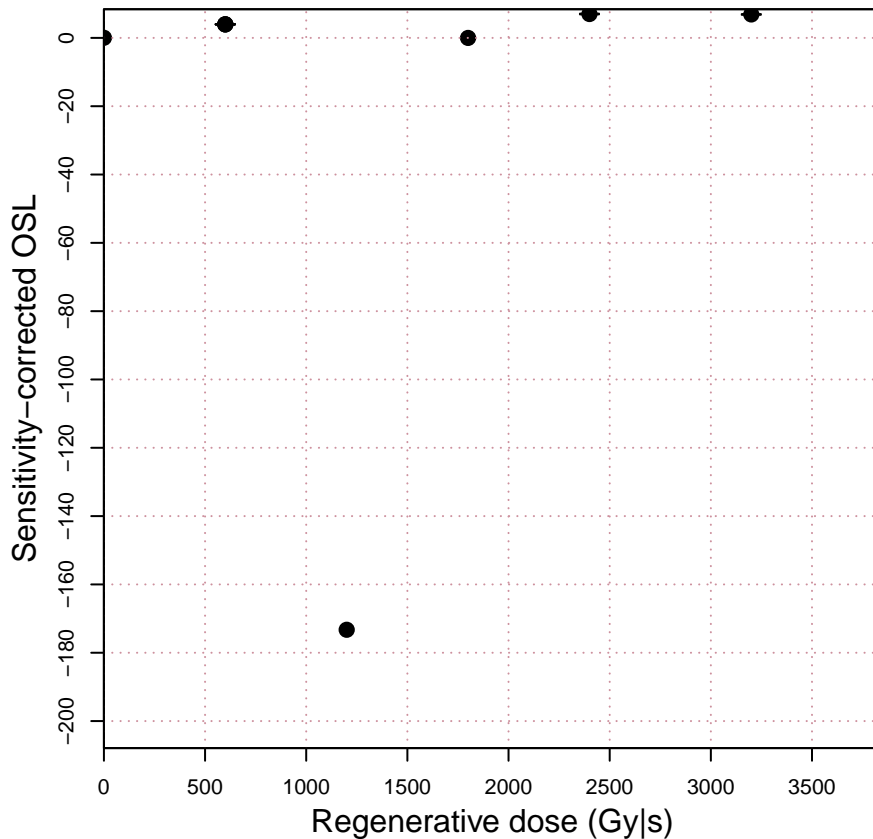
Recycling ratio 1: 0.98 +/- 0.05
Recycling ratio 2: 0.92 +/- 0.05
Recycling ratio 3: 0.94 +/- 0.05
=====

Recuperation 1: 1.14 +/- 0.13 (%)
Recuperation 2: 0.03 +/- 0.01 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 3617.78
Average error in fit: 23.32
Reduced Chi-Square: 1205.93
Figure Of Merit: 42526.01 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=386, Position=7, Grain=86]

Status: model fit failed

Tn: 3363 +/- 89.52

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 40.56 +/- 4.45

RSE of Tn: 2.66 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.99 +/- 0.05

Recycling ratio 2: 0.99 +/- 0.05

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 0.57 +/- 0.06 (%)

Recuperation 2: 0.52 +/- 0.06 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

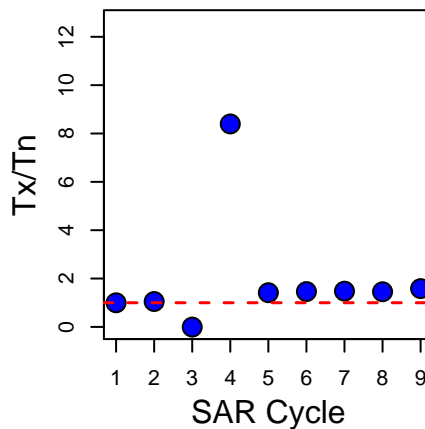
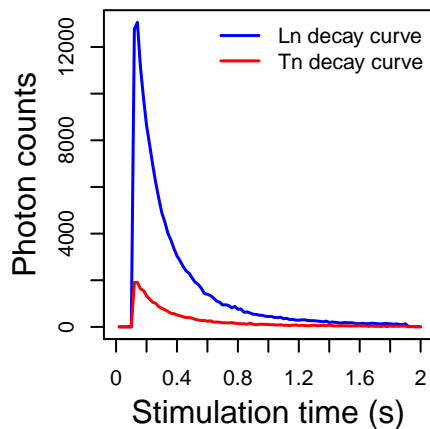
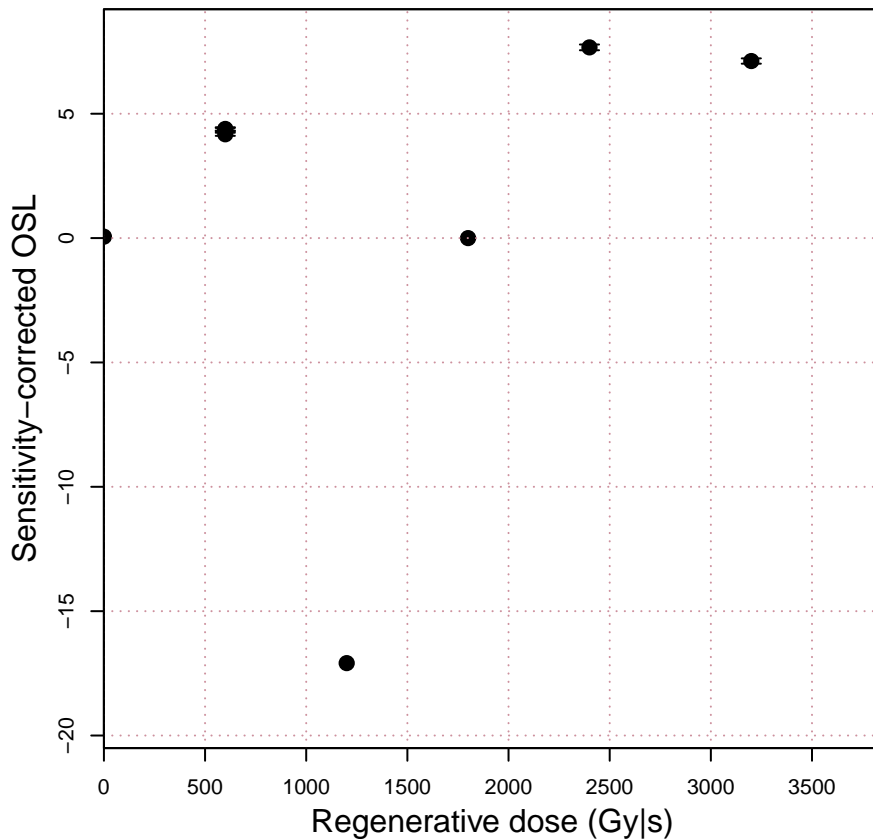
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=387, Position=7, Grain=87]

Status: model fit failed

Tn: 8201 +/- 187.94

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 57.17 +/- 4.77

RSE of Tn: 2.29 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.04

Recycling ratio 2: 1.01 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.04

Recuperation 1: 0.88 +/- 0.05 (%)

Recuperation 2: 0.76 +/- 0.04 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

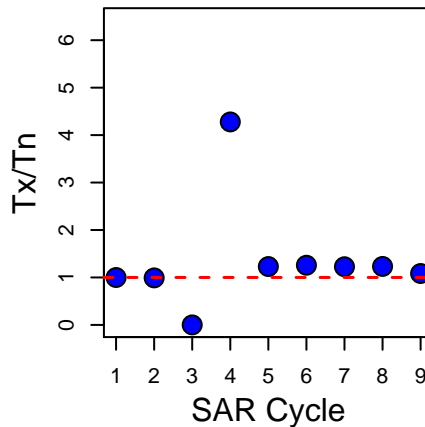
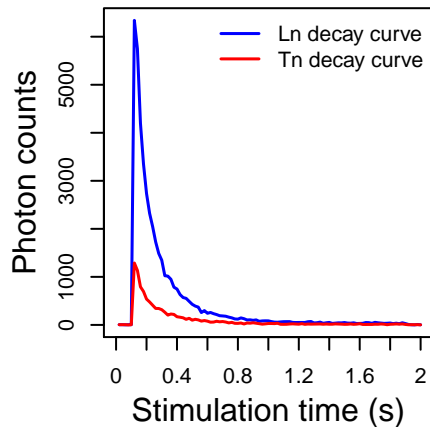
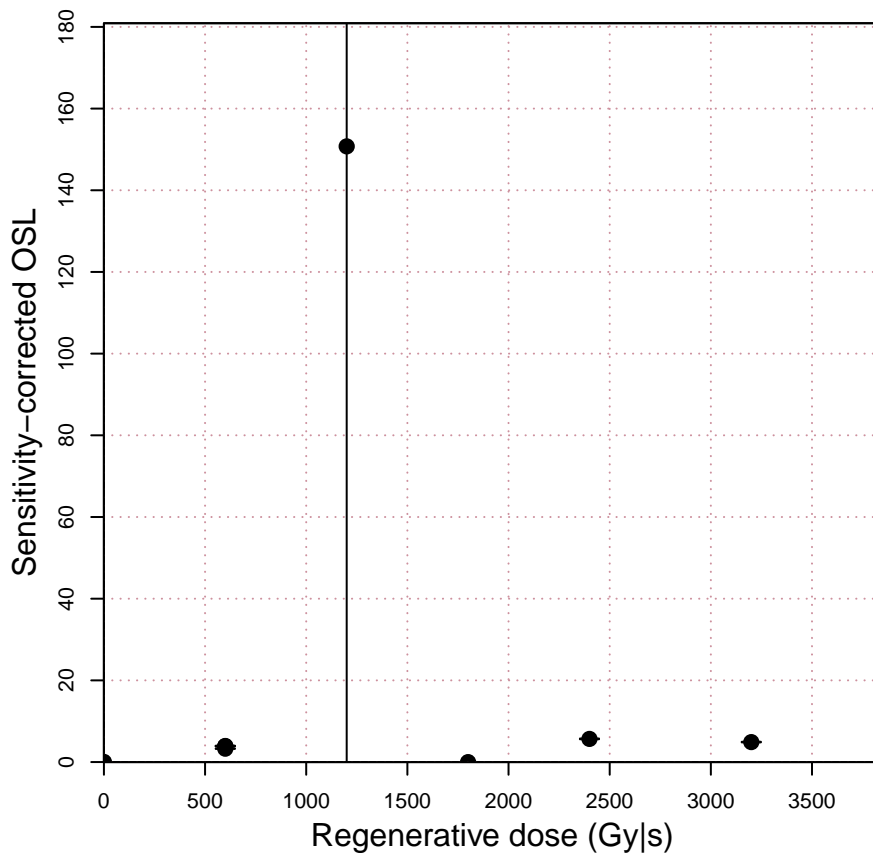
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=389, Position=7, Grain=89]

Status: model fit failed

Tn: 4377 +/- 110.23

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 60.96 +/- 7.19

RSE of Tn: 2.52 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.83 +/- 0.04

Recycling ratio 2: 0.99 +/- 0.05

Recycling ratio 3: 1.19 +/- 0.05

Recuperation 1: 0.86 +/- 0.08 (%)

Recuperation 2: 0.03 +/- 0.06 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

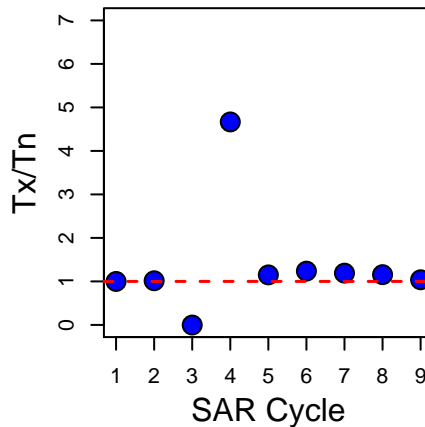
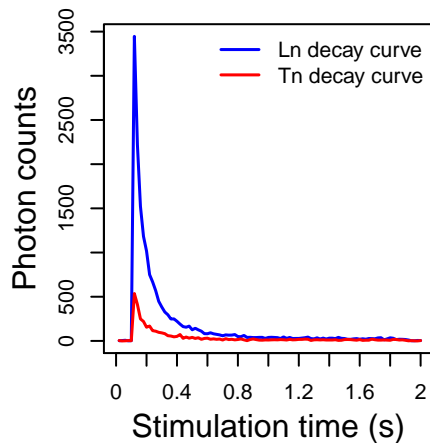
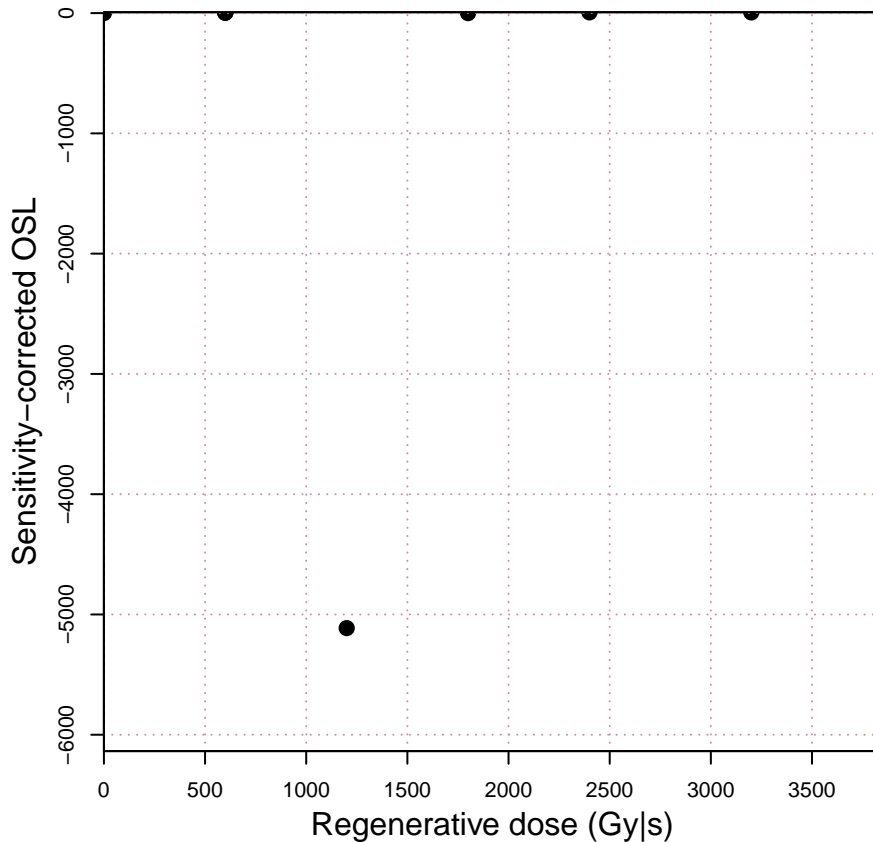
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

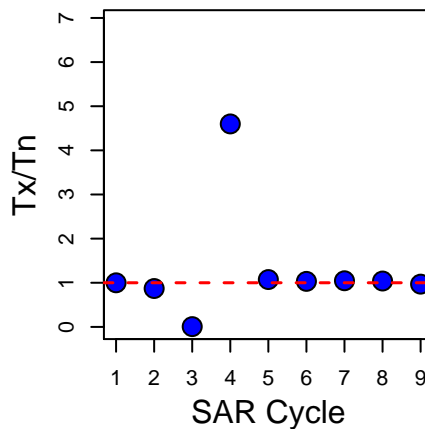
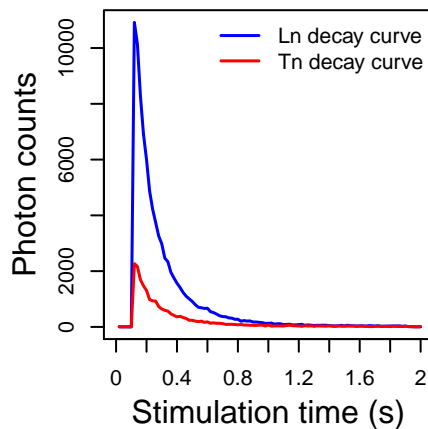
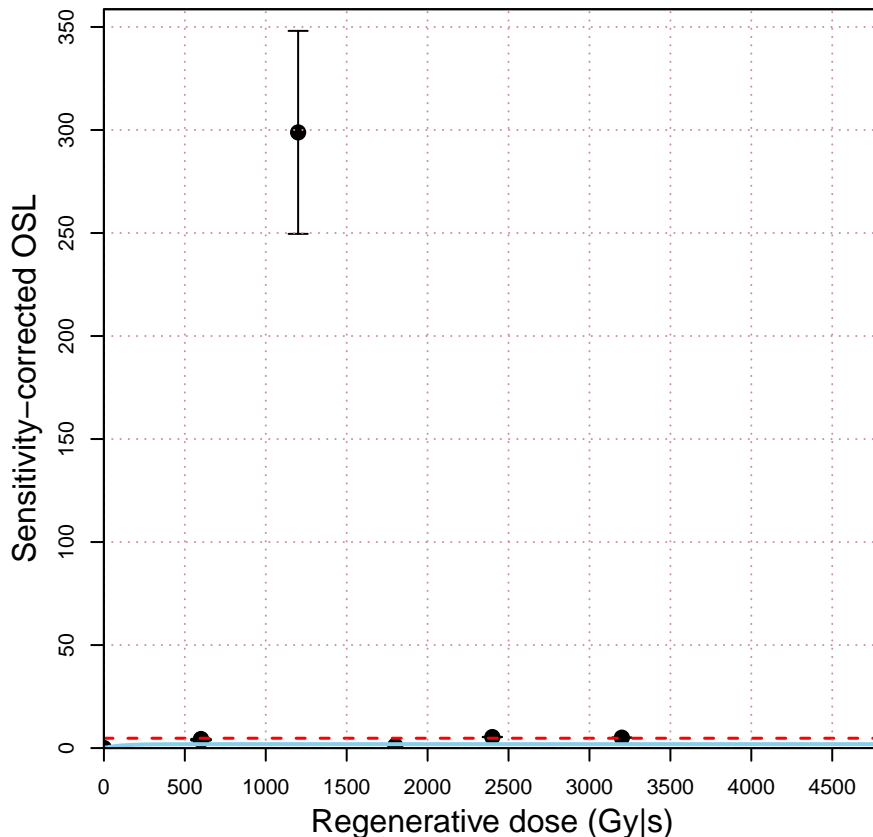
68% interval: [NA, NA]

Summary



| |
|------------------------------------|
| ID: [NO=390, Position=7, Grain=90] |
| ===== |
| Status: model fit failed |
| ===== |
| Tn: 1518.5 +/- 50.21 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 29.38 +/- 4.08 |
| RSE of Tn: 3.31 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.91 +/- 0.05 |
| Recycling ratio 2: 0.98 +/- 0.06 |
| Recycling ratio 3: 1.08 +/- 0.06 |
| ===== |
| Recuperation 1: 0.84 +/- 0.11 (%) |
| Recuperation 2: 0.83 +/- 0.11 (%) |
| ===== |
| Fit model: gok-exp-line |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: NULL |
| Average error in fit: NULL |
| Reduced Chi-Square: NULL |
| Figure Of Merit: NULL (%) |
| ===== |
| calED method: NULL |
| MC acceptance-rate: NULL (%) |
| ED: NA +/- NA (Gy/s) |
| RSE of ED: NA (%) |
| 95% interval: [NA, NA] |
| 68% interval: [NA, NA] |

Summary



ID: [NO=391, Position=7, Grain=91]

Status: Ln/Tn saturated

Tn: 8806.5 \pm 199.93

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 92.26 \pm 9.44

RSE of Tn: 2.27 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.85 \pm 0.04

Recycling ratio 2: 0.91 \pm 0.04

Recycling ratio 3: 1.07 \pm 0.05

Recuperation 1: 1.71 \pm 0.1 (%)

Recuperation 2: 0.03 \pm 0.01 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2271.52

Average error in fit: 37.13

Reduced Chi-Square: 757.17

Figure Of Merit: 2328.67 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

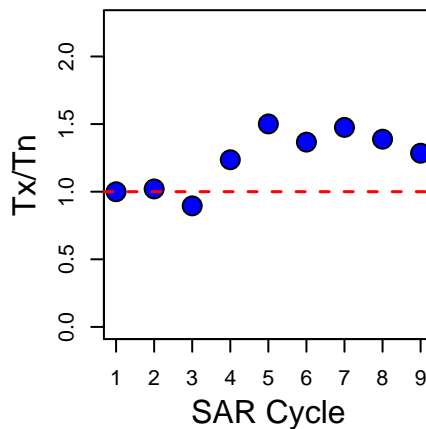
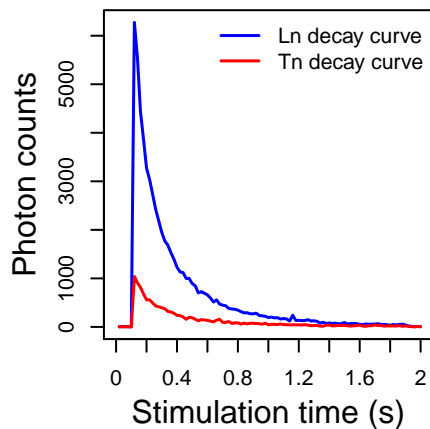
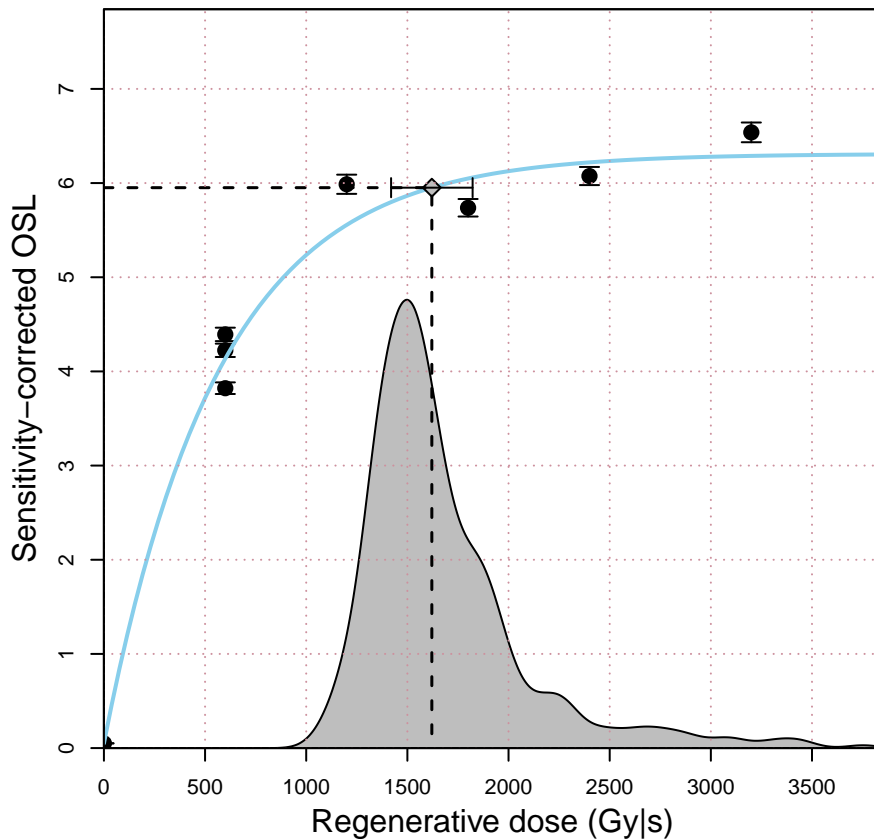
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=392, Position=7, Grain=92]

Status: OK

Tn: 3894.5 +/- 100.6

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 37.91 +/- 3.74

RSE of Tn: 2.58 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 1.04 +/- 0.05

Recycling ratio 3: 1.15 +/- 0.05

Recuperation 1: 0.85 +/- 0.07 (%)

Recuperation 2: 0.77 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 19.38

Average error in fit: 0.09

Reduced Chi-Square: 6.46

Figure Of Merit: 4.91 (%)

calED method: Interpolation

MC acceptance-rate: 94.52 (%)

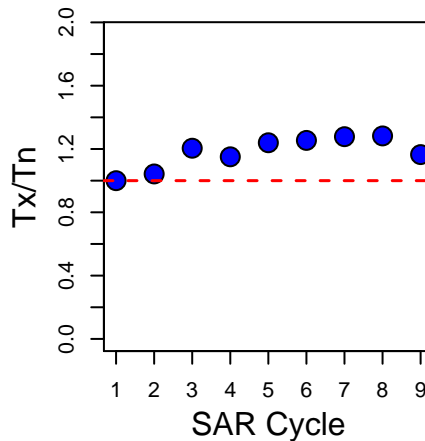
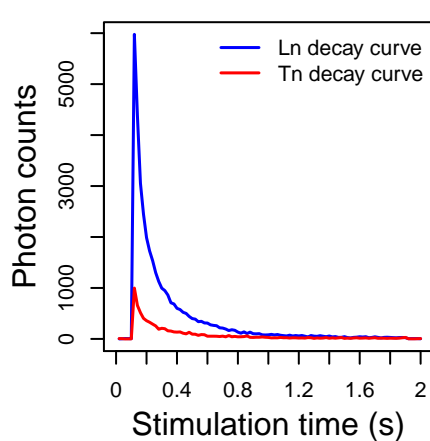
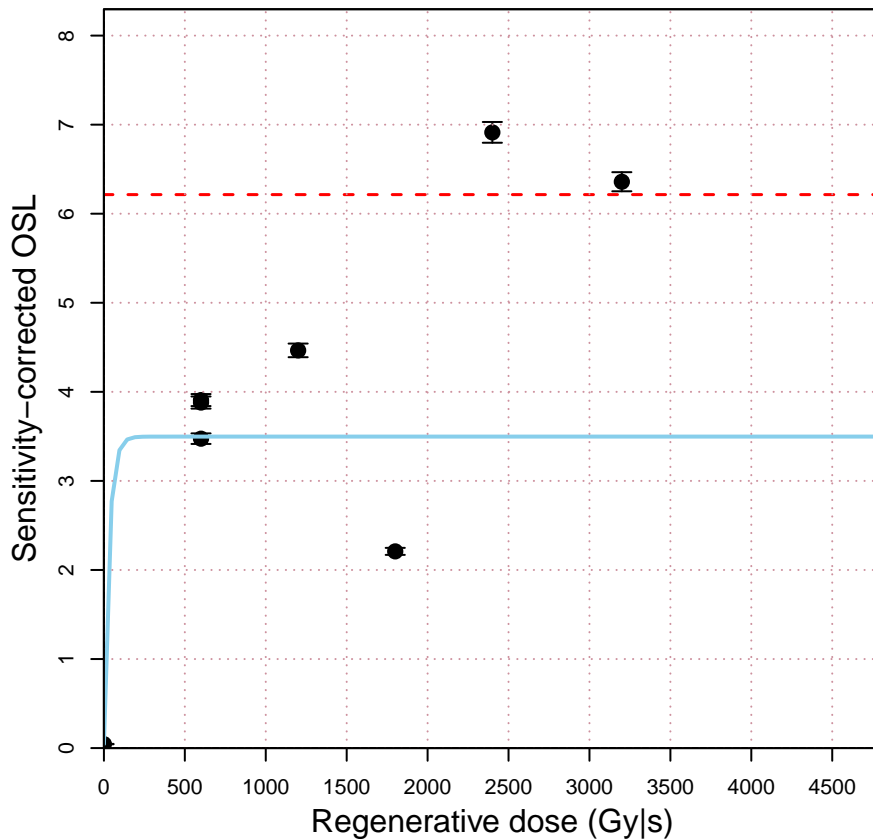
ED: 1620.96 +/- 402.89 (Gy/s)

RSE of ED: 24.86 (%)

95% interval: [1201.66, 2854.99]

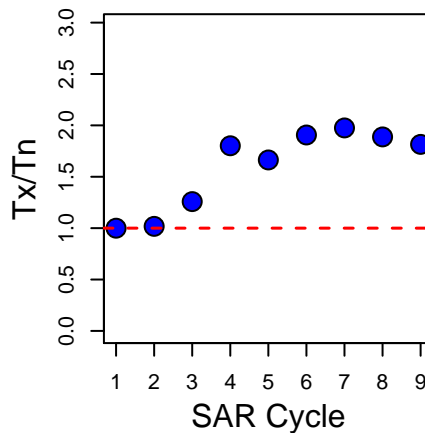
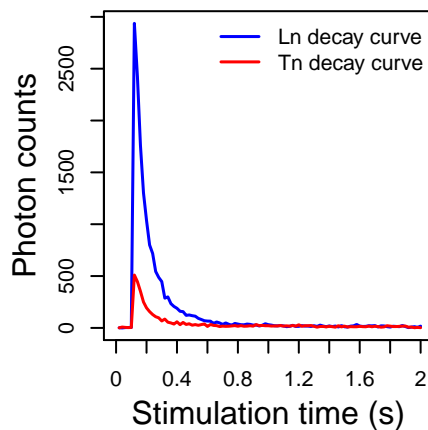
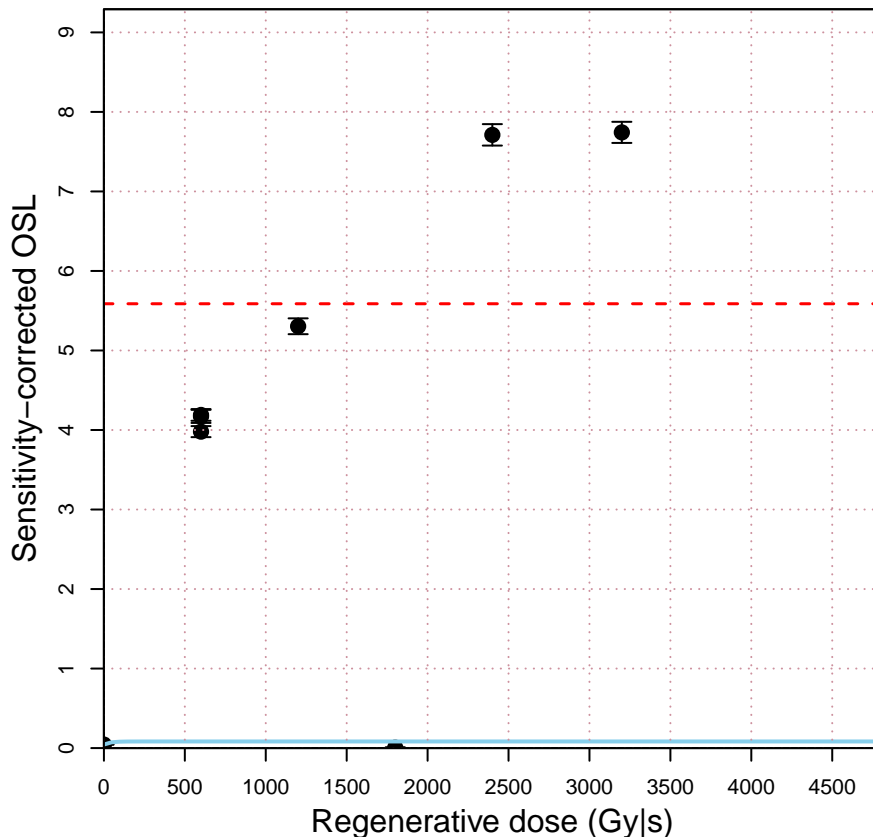
68% interval: [1363.63, 1943.74]

Summary



| |
|------------------------------------|
| ID: [NO=393, Position=7, Grain=93] |
| ===== |
| Status: Ln/Tn saturated |
| ===== |
| Tn: 2850.5 +/- 78.86 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 37.31 +/- 4.27 |
| RSE of Tn: 2.77 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.9 +/- 0.04 |
| Recycling ratio 2: 1.01 +/- 0.05 |
| Recycling ratio 3: 1.12 +/- 0.05 |
| ===== |
| Recuperation 1: 0.72 +/- 0.08 (%) |
| Recuperation 2: 0.65 +/- 0.07 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 717.5 |
| Average error in fit: 0.6 |
| Reduced Chi-Square: 239.17 |
| Figure Of Merit: 38.12 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: NULL (%) |
| ED: Inf +/- NA (Gy/s) |
| RSE of ED: NA (%) |
| 95% interval: [-Inf, +Inf] |
| 68% interval: [-Inf, +Inf] |

Summary



ID: [NO=394, Position=7, Grain=94]

Status: Ln/Tn saturated

Tn: 1680 +/- 54.01

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.33 +/- 2.93

RSE of Tn: 3.21 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 1 +/- 0.05

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.8 +/- 0.1 (%)

Recuperation 2: 0.58 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4569.36

Average error in fit: 1.74

Reduced Chi-Square: 1523.12

Figure Of Merit: 5204.14 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

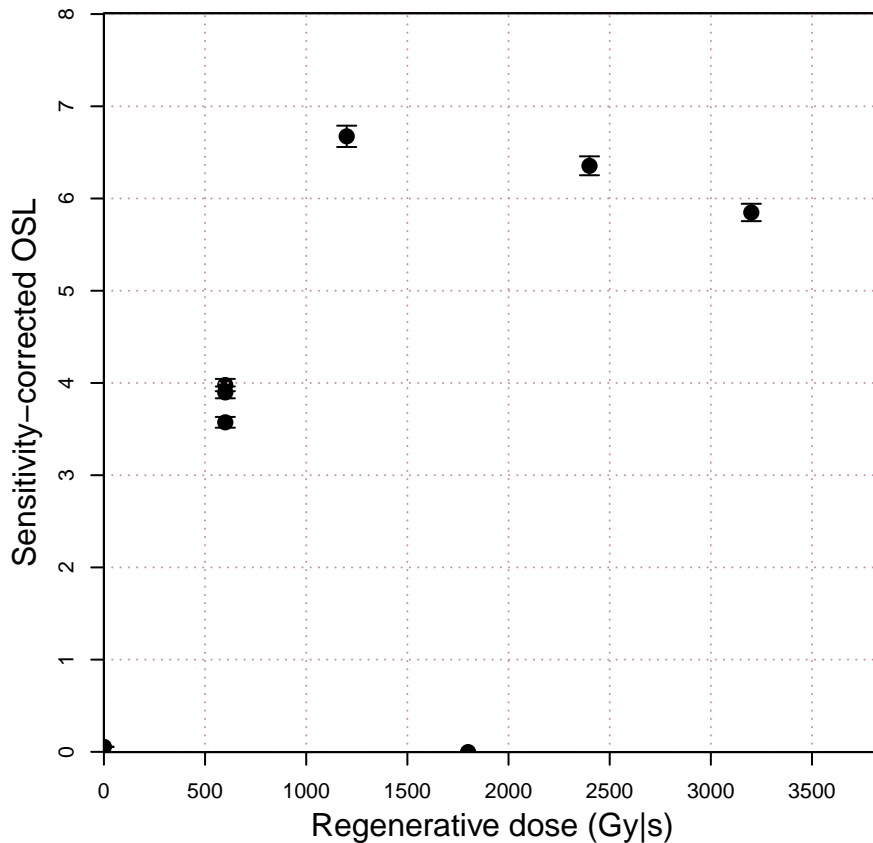
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=395, Position=7, Grain=95]
=====

Status: model fit failed
=====

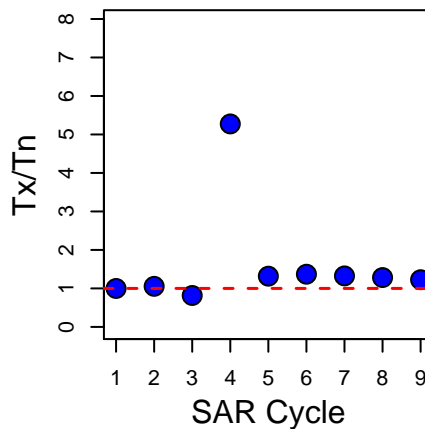
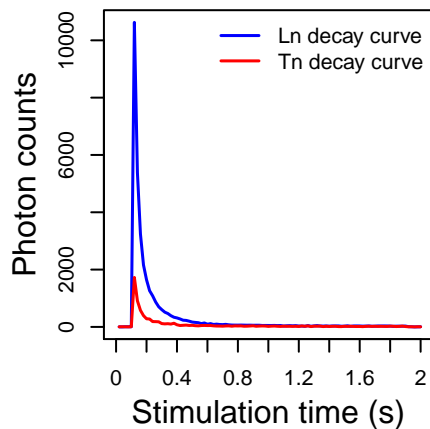
Tn: 3794.5 +/- 98.5
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 39.52 +/- 4.03
RSE of Tn: 2.6 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 0.9 +/- 0.04
Recycling ratio 2: 0.98 +/- 0.05
Recycling ratio 3: 1.09 +/- 0.05
=====

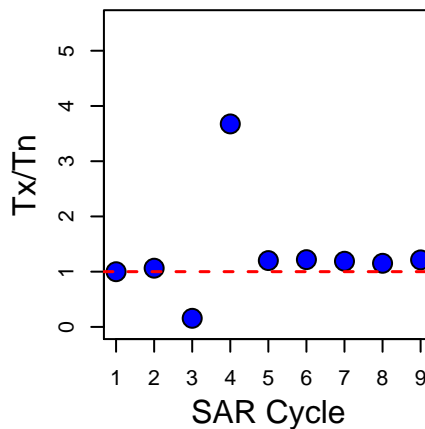
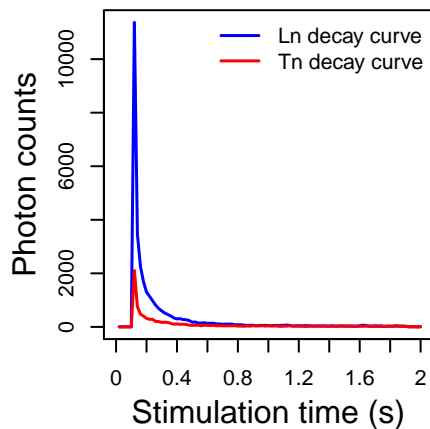
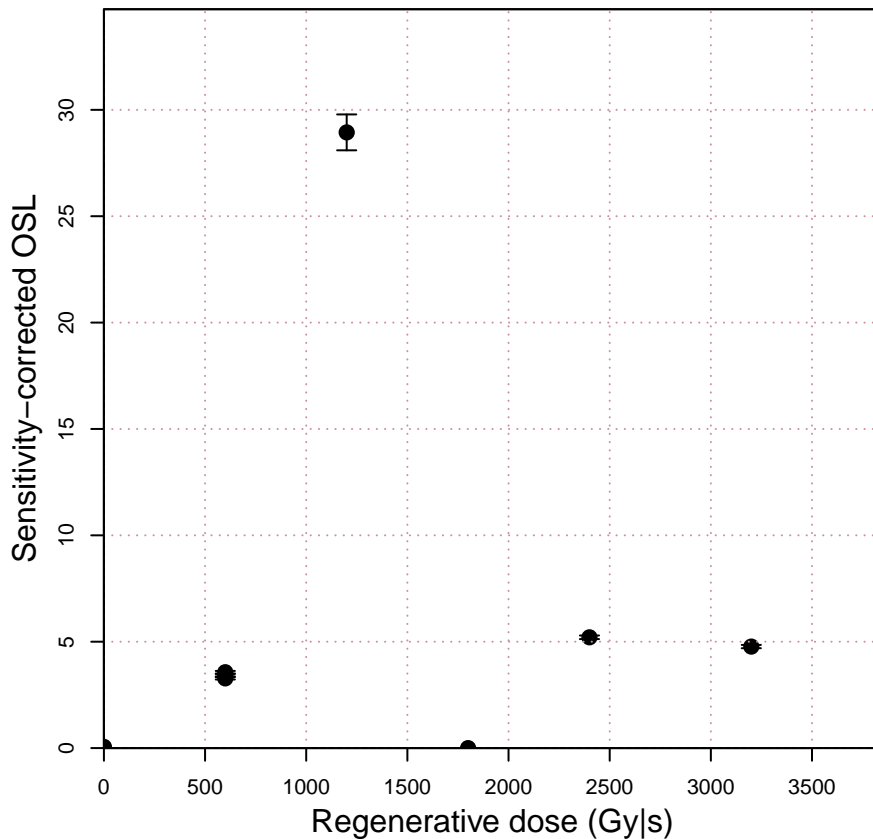
Recuperation 1: 0.9 +/- 0.08 (%)
Recuperation 2: 0.82 +/- 0.08 (%)
=====

Fit model: gok-exp-line
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: NULL
Average error in fit: NULL
Reduced Chi-Square: NULL
Figure Of Merit: NULL (%)
=====

calED method: NULL
MC acceptance-rate: NULL (%)
ED: NA +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [NA, NA]
68% interval: [NA, NA]



Summary



ID: [NO=396, Position=7, Grain=96]

Status: model fit failed

Tn: 3941.5 +/- 101.66

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 33.98 +/- 3.15

RSE of Tn: 2.58 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.96 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 0.96 +/- 0.04

Recuperation 1: 1.17 +/- 0.1 (%)

Recuperation 2: 0.2 +/- 0.02 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

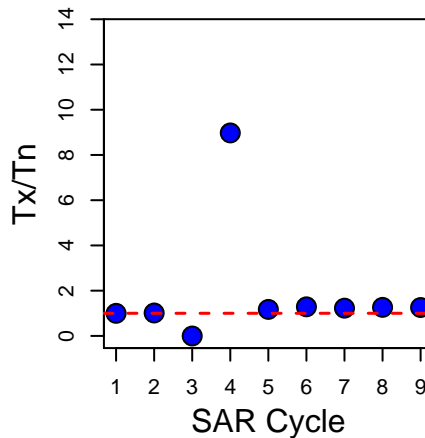
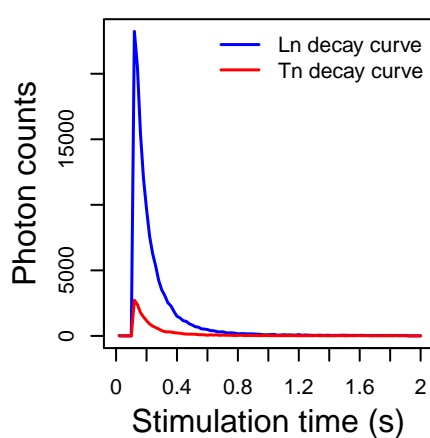
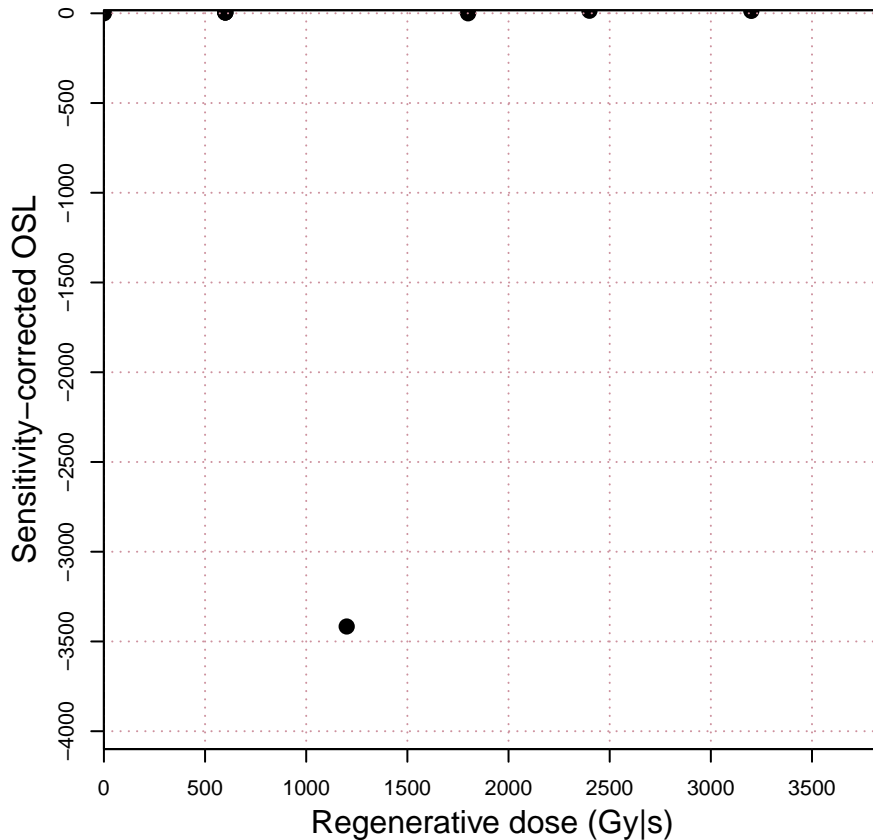
ED: NA +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=397, Position=7, Grain=97]

Status: model fit failed

Tn: 9440 \pm 212.59

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 132.11 \pm 15.63

RSE of Tn: 2.25 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.86 \pm 0.04

Recycling ratio 2: 0.93 \pm 0.04

Recycling ratio 3: 1.08 \pm 0.05

Recuperation 1: 0.66 \pm 0.04 (%)

Recuperation 2: 0.39 \pm 0.02 (%)

Fit model: gok-exp-line

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: NULL

Average error in fit: NULL

Reduced Chi-Square: NULL

Figure Of Merit: NULL (%)

calED method: NULL

MC acceptance-rate: NULL (%)

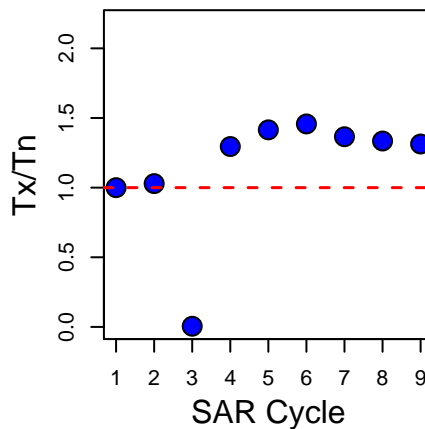
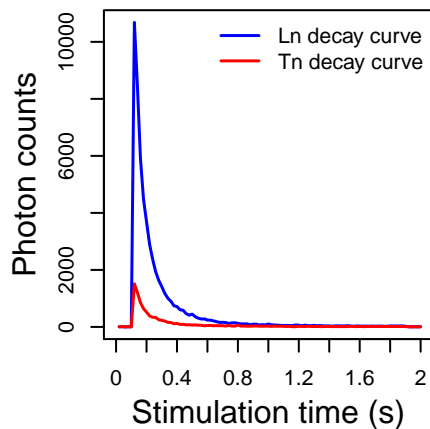
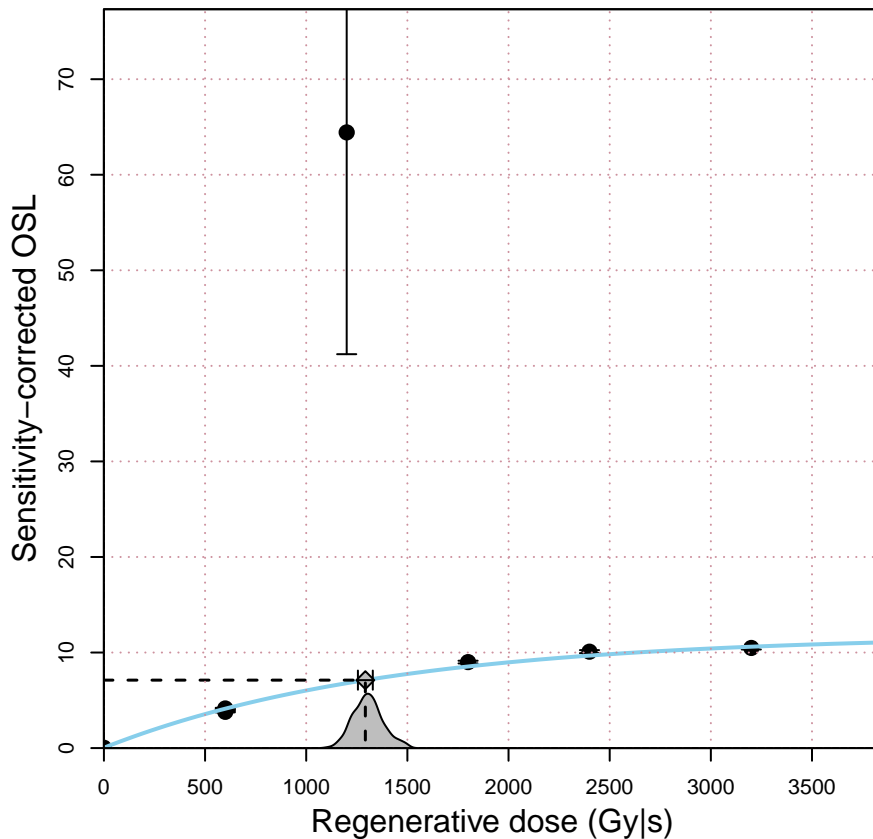
ED: NA \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [NA, NA]

68% interval: [NA, NA]

Summary



ID: [NO=398, Position=7, Grain=98]

Status: OK

Tn: 4651 +/- 115.83

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 63.01 +/- 7.33

RSE of Tn: 2.49 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.04

Recycling ratio 3: 1.06 +/- 0.05

Recuperation 1: 0.53 +/- 0.05 (%)

Recuperation 2: 0.06 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 14.13

Average error in fit: 7.21

Reduced Chi-Square: 4.71

Figure Of Merit: 123.07 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

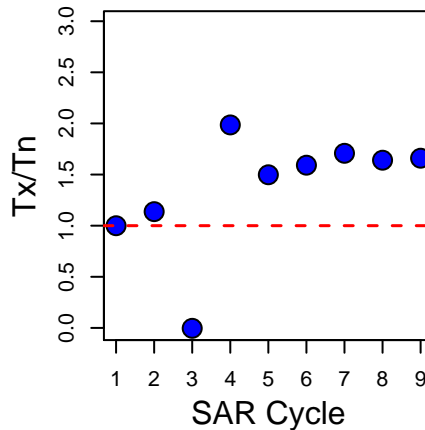
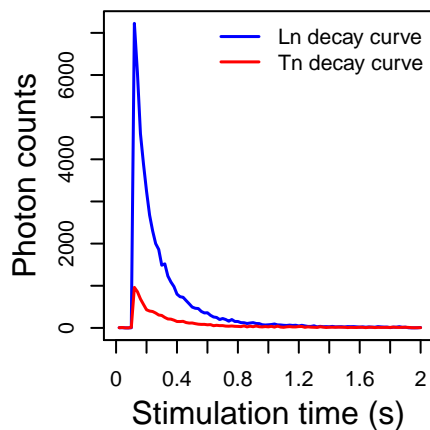
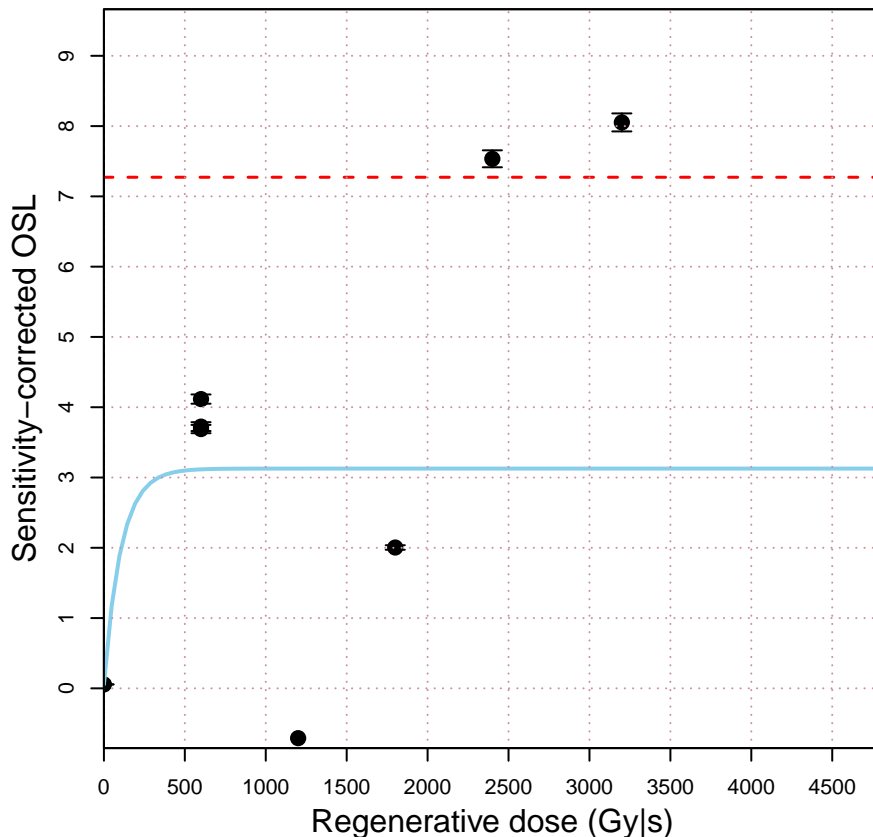
ED: 1292.3 +/- 73.66 (Gy/s)

RSE of ED: 5.7 (%)

95% interval: [1168.18, 1464.16]

68% interval: [1229.56, 1377.84]

Summary



ID: [NO=400, Position=7, Grain=100]

Status: Ln/Tn saturated

Tn: 3427.5 \pm 90.7

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 52.54 \pm 6.5

RSE of Tn: 2.65 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 1.11 \pm 0.05

Recycling ratio 2: 0.99 \pm 0.05

Recycling ratio 3: 0.9 \pm 0.04

Recuperation 1: 0.77 \pm 0.06 (%)

Recuperation 2: 0.69 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 1121.7

Average error in fit: 0.98

Reduced Chi-Square: 373.9

Figure Of Merit: 75.18 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

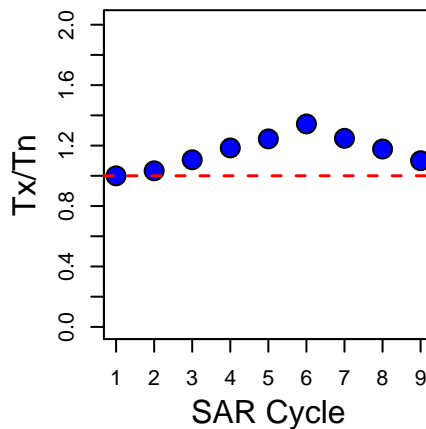
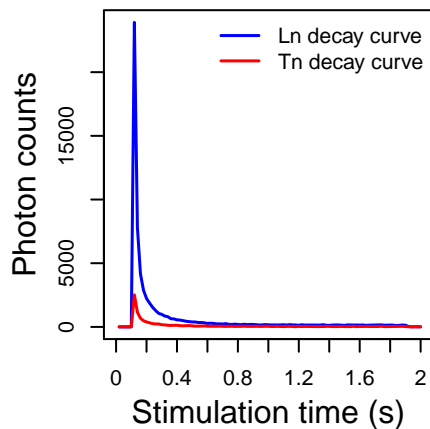
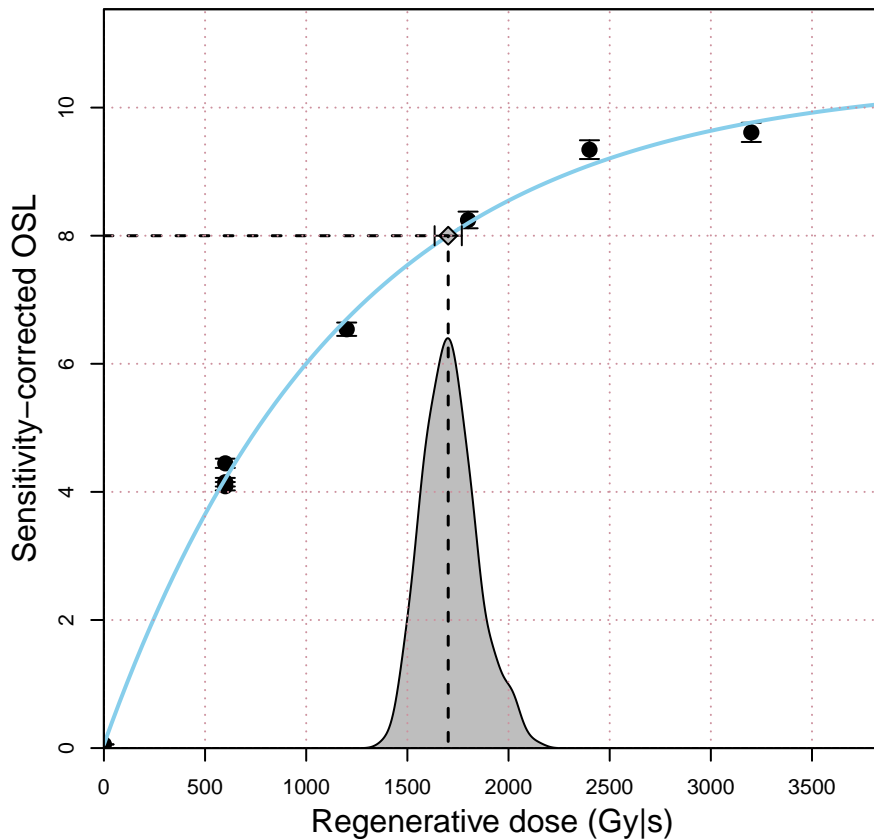
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=401, Position=9, Grain=1]

Status: OK

Tn: 5037 \pm 124.3

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.62 \pm 2.27

RSE of Tn: 2.47 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.93 \pm 0.04

Recycling ratio 3: 1.02 \pm 0.05

Recuperation 1: 0.72 \pm 0.05 (%)

Recuperation 2: 0.6 \pm 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.35

Average error in fit: 0.05

Reduced Chi-Square: 1.78

Figure Of Merit: 2.19 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

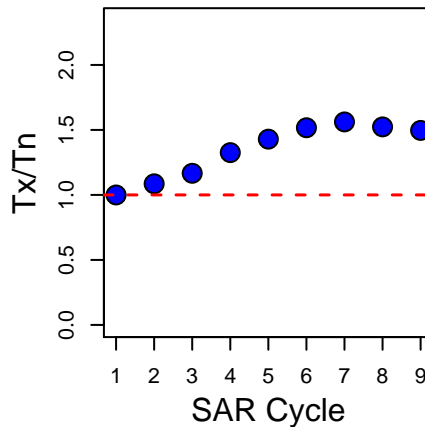
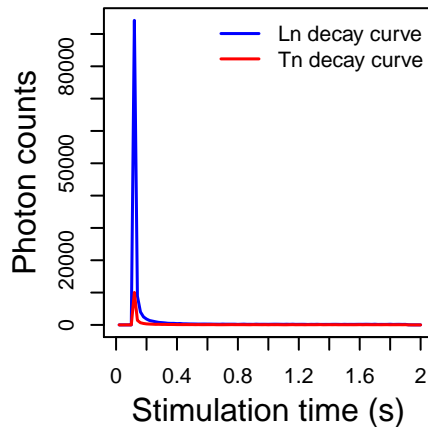
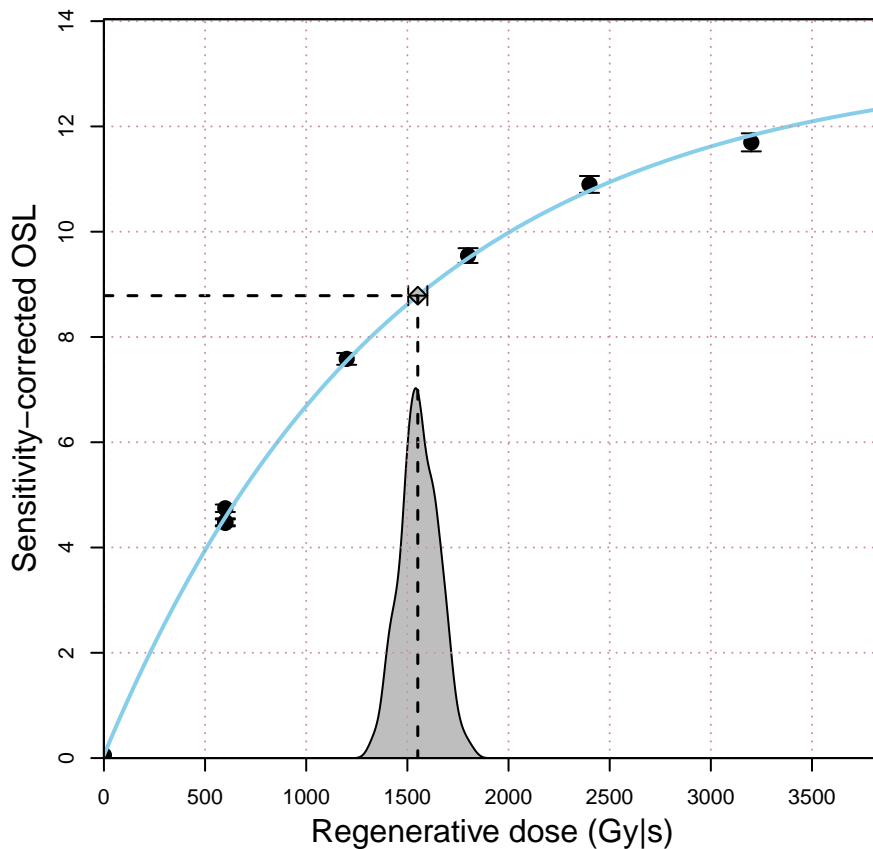
ED: 1701.83 \pm 134.48 (Gy/s)

RSE of ED: 7.9 (%)

95% interval: [1479.51, 2015.73]

68% interval: [1581.78, 1841.61]

Summary



ID: [NO=402, Position=9, Grain=2]
=====

Status: OK
=====

Tn: 12589.5 +/- 276.42
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 45.72 +/- 2.75
RSE of Tn: 2.2 (%)
Fast ratio of Tn: NA +/- NA
=====

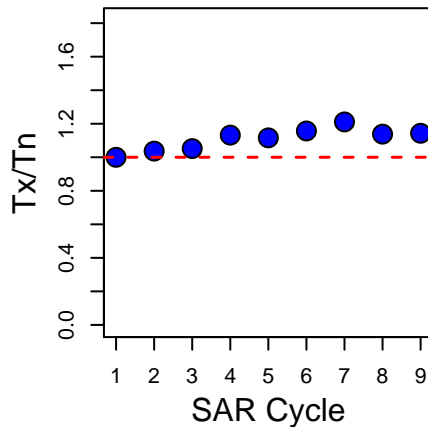
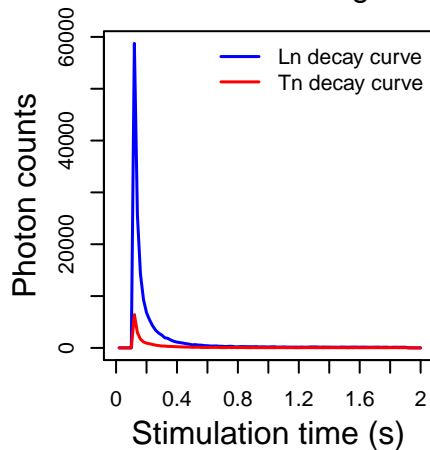
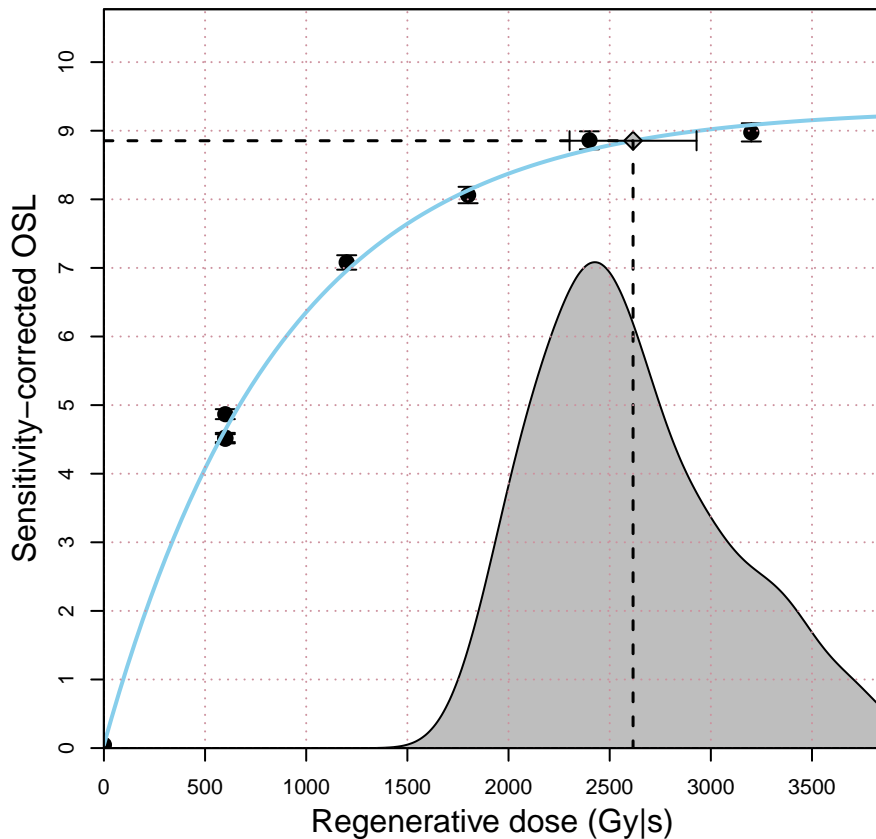
Recycling ratio 1: 0.95 +/- 0.04
Recycling ratio 2: 0.94 +/- 0.04
Recycling ratio 3: 1 +/- 0.04
=====

Recuperation 1: 0.64 +/- 0.03 (%)
Recuperation 2: 0.48 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2.91
Average error in fit: 0.04
Reduced Chi-Square: 0.97
Figure Of Merit: 1.33 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1551.42 +/- 94.55 (Gy/s)
RSE of ED: 6.09 (%)
95% interval: [1381.36, 1742.35]
68% interval: [1469.85, 1657.34]

Summary



ID: [NO=403, Position=9, Grain=3]
=====

Status: OK
=====

Tn: 12881 +/- 282.14
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 55.58 +/- 3.65
RSE of Tn: 2.19 (%)
Fast ratio of Tn: NA +/- NA
=====

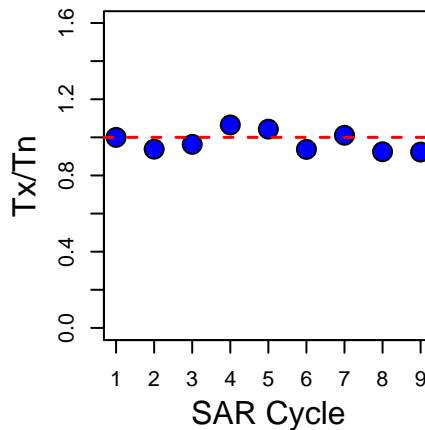
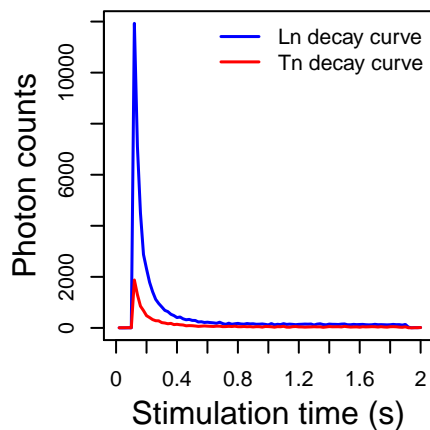
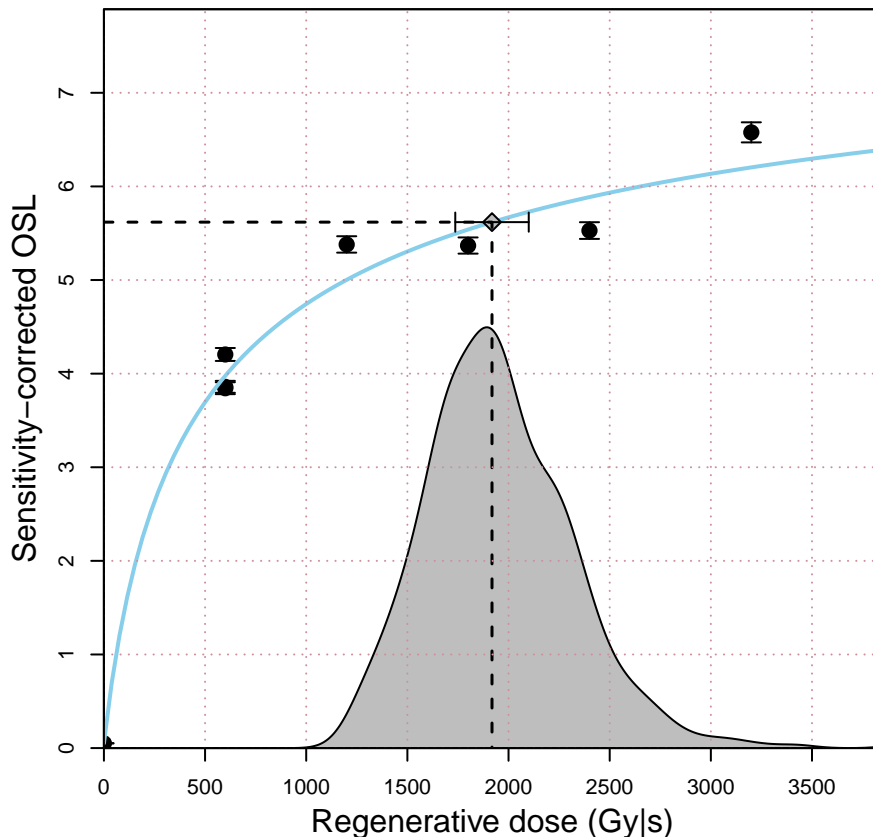
Recycling ratio 1: 0.93 +/- 0.04
Recycling ratio 2: 0.93 +/- 0.04
Recycling ratio 3: 1 +/- 0.04
=====

Recuperation 1: 0.54 +/- 0.03 (%)
Recuperation 2: 0.53 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 4.95
Average error in fit: 0.05
Reduced Chi-Square: 1.65
Figure Of Merit: 1.93 (%)
=====

calED method: Interpolation
MC acceptance-rate: 92.25 (%)
ED: 2615.54 +/- 627.56 (Gy/s)
RSE of ED: 23.99 (%)
95% interval: [1898.84, 4318.3]
68% interval: [2153.28, 3226.32]

Summary



ID: [NO=404, Position=9, Grain=4]

Status: OK

Tn: 5002 \pm 123.68

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.19 \pm 2

RSE of Tn: 2.47 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.91 \pm 0.04

Recycling ratio 3: 1 \pm 0.05

Recuperation 1: 0.91 \pm 0.08 (%)

Recuperation 2: 0.78 \pm 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 17.36

Average error in fit: 0.09

Reduced Chi-Square: 5.79

Figure Of Merit: 5.08 (%)

calED method: Interpolation

MC acceptance-rate: 95.79 (%)

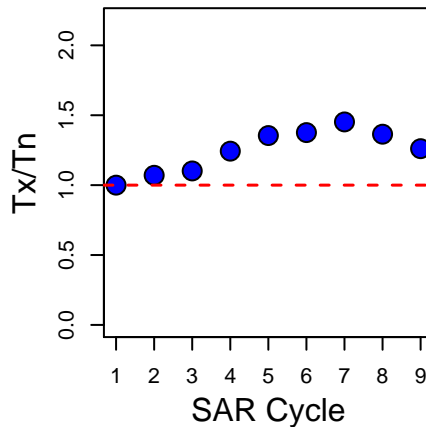
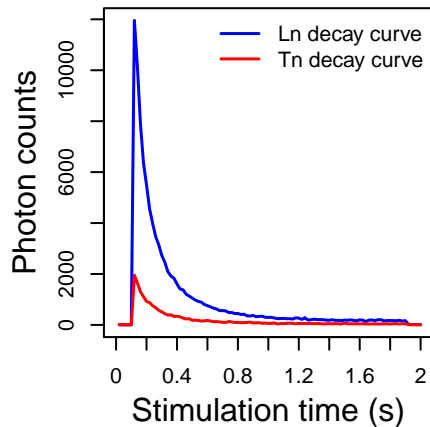
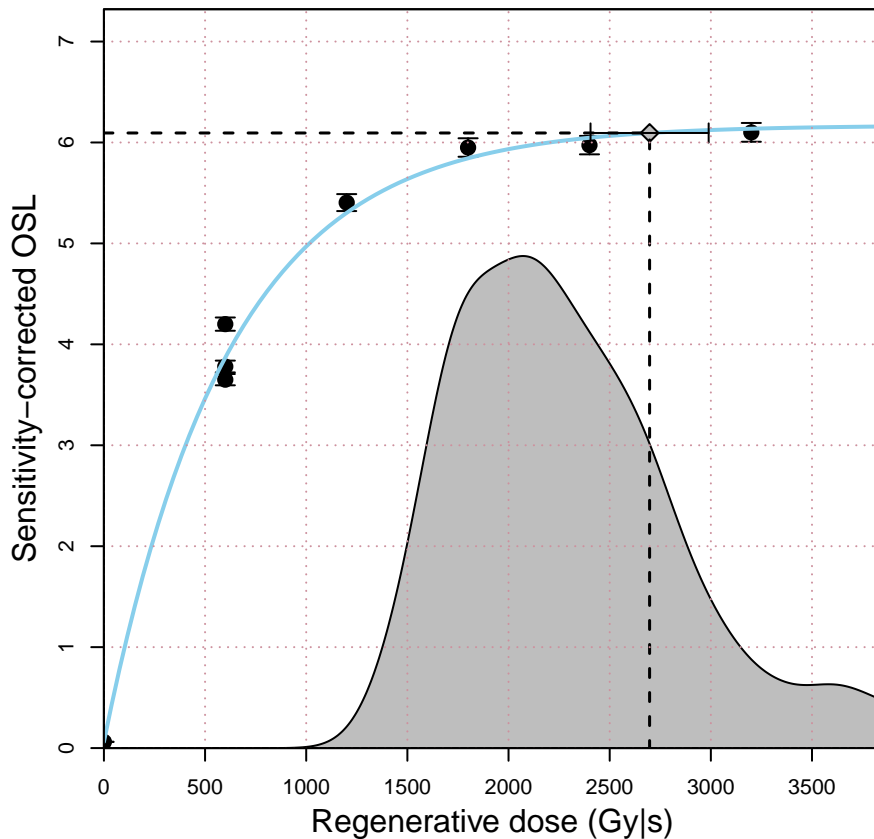
ED: 1918.28 \pm 363.16 (Gy/s)

RSE of ED: 18.93 (%)

95% interval: [1336.89, 2718.95]

68% interval: [1616.78, 2284.4]

Summary



ID: [NO=405, Position=9, Grain=5]

Status: OK

Tn: 6724 \pm 158.48

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 33.96 \pm 2.41

RSE of Tn: 2.36 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.87 \pm 0.04

Recycling ratio 2: 0.9 \pm 0.04

Recycling ratio 3: 1.04 \pm 0.05

Recuperation 1: 1.01 \pm 0.06 (%)

Recuperation 2: 1.01 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.64

Average error in fit: 0.06

Reduced Chi-Square: 3.88

Figure Of Merit: 2.73 (%)

calED method: Interpolation

MC acceptance-rate: 57.87 (%)

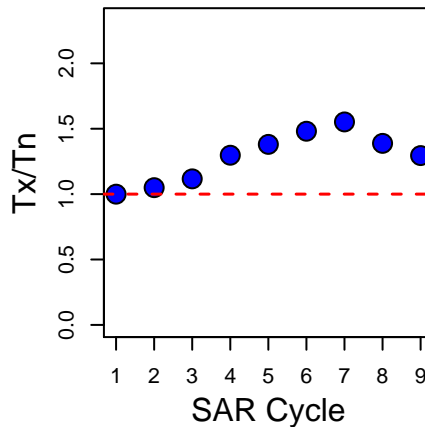
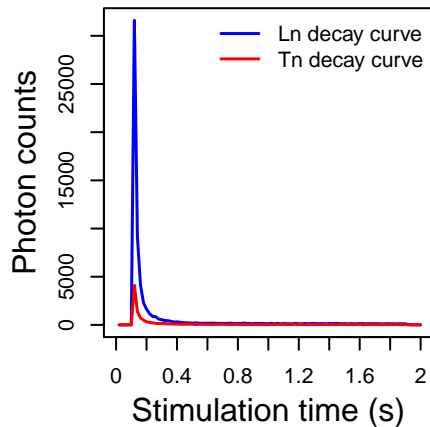
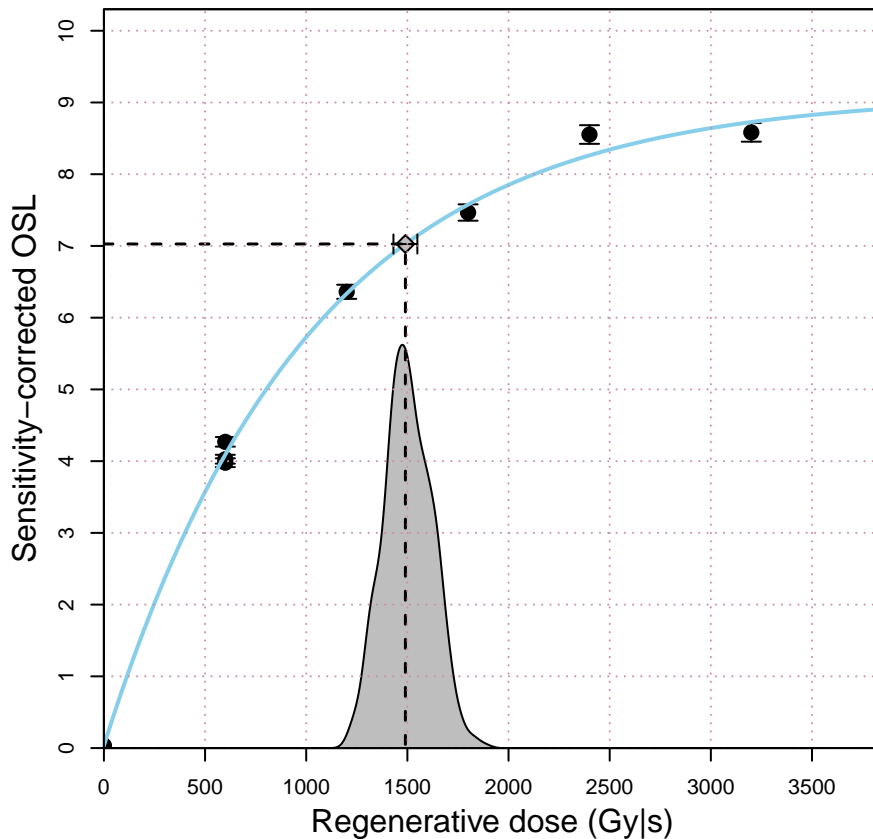
ED: 2697.29 \pm 583.88 (Gy/s)

RSE of ED: 21.65 (%)

95% interval: [1478.66, 3793.03]

68% interval: [1753, 2821.1]

Summary



ID: [NO=406, Position=9, Grain=6]
=====

Status: OK
=====

Tn: 6870.5 +/- 161.3
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 39.71 +/- 3.02
RSE of Tn: 2.35 (%)
Fast ratio of Tn: NA +/- NA
=====

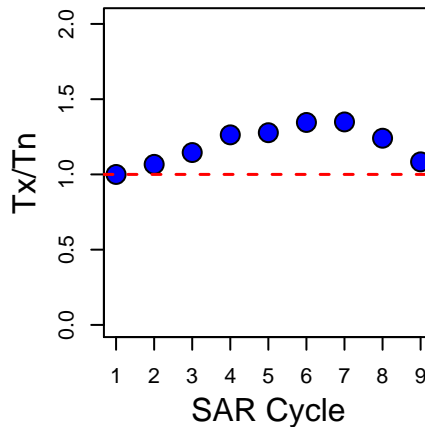
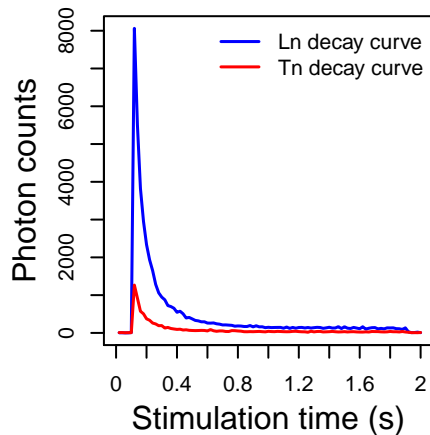
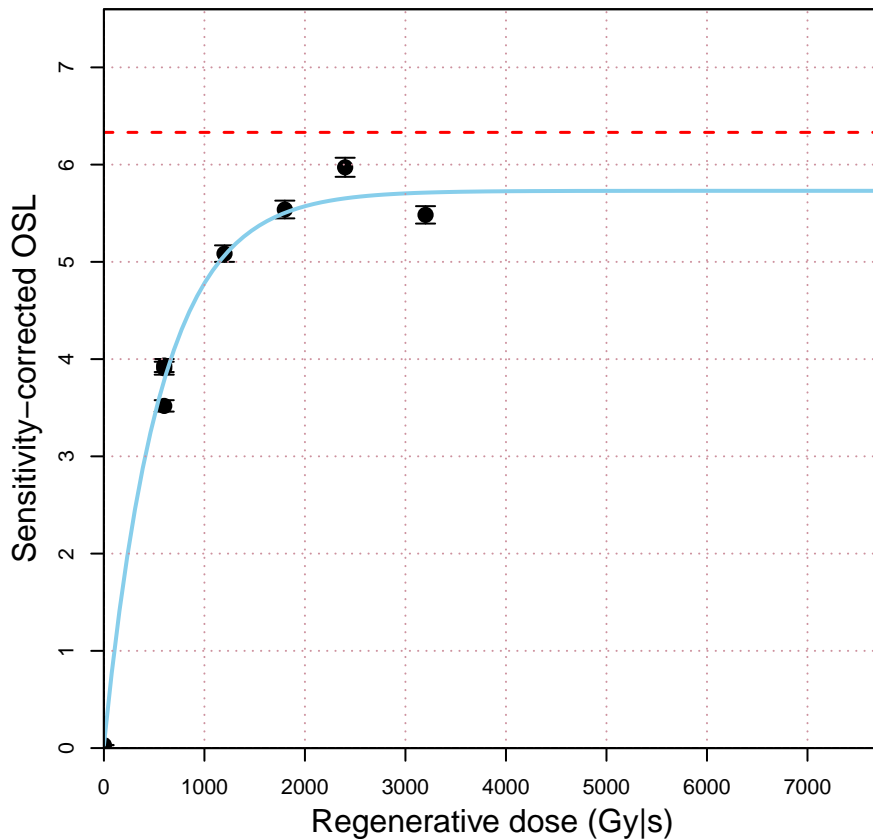
Recycling ratio 1: 0.94 +/- 0.04
Recycling ratio 2: 0.93 +/- 0.04
Recycling ratio 3: 0.99 +/- 0.04
=====

Recuperation 1: 0.52 +/- 0.04 (%)
Recuperation 2: 0.42 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 4.72
Average error in fit: 0.05
Reduced Chi-Square: 1.57
Figure Of Merit: 2.14 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1490.23 +/- 118.16 (Gy/s)
RSE of ED: 7.93 (%)
95% interval: [1290.95, 1724.56]
68% interval: [1389.22, 1629.84]

Summary



ID: [NO=407, Position=9, Grain=7]

Status: Ln/Tn saturated

Tn: 3489.5 +/- 92.66

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.19 +/- 2.01

RSE of Tn: 2.66 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.99 +/- 0.05

Recycling ratio 3: 1.11 +/- 0.05

Recuperation 1: 0.49 +/- 0.06 (%)

Recuperation 2: 0.52 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.54

Average error in fit: 0.06

Reduced Chi-Square: 3.85

Figure Of Merit: 3.41 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

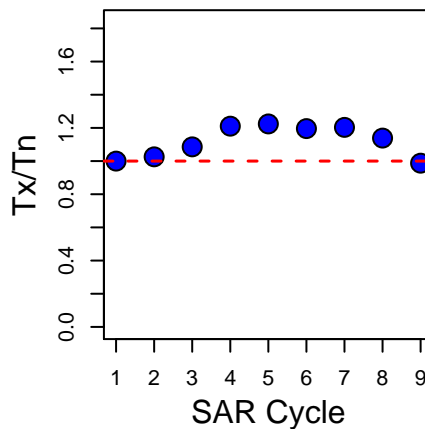
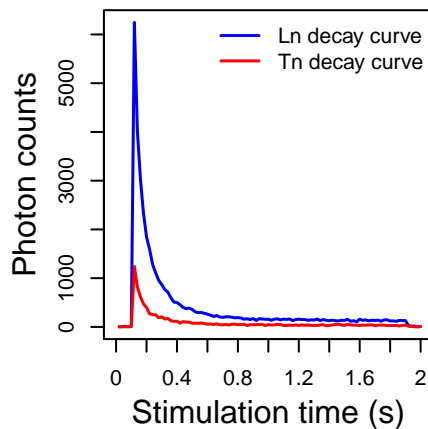
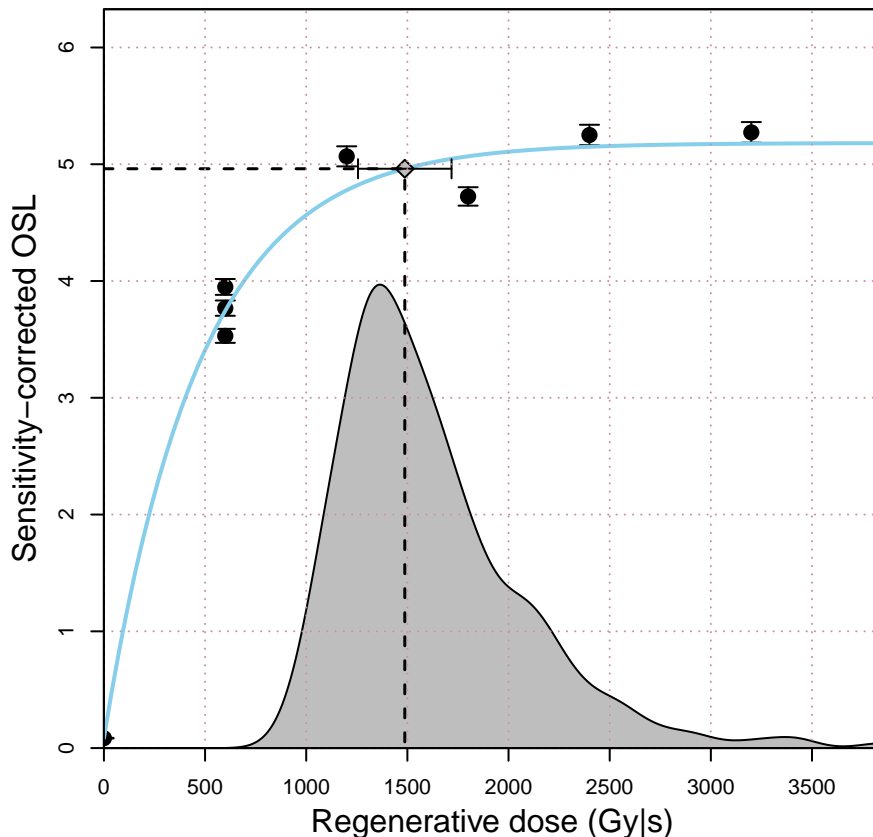
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=408, Position=9, Grain=8]

Status: OK

Tn: 3388 \pm 90.61

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 23 \pm 1.89

RSE of Tn: 2.67 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.89 \pm 0.04

Recycling ratio 2: 0.95 \pm 0.05

Recycling ratio 3: 1.07 \pm 0.05

Recuperation 1: 1.71 \pm 0.13 (%)

Recuperation 2: 1.61 \pm 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 13.73

Average error in fit: 0.07

Reduced Chi-Square: 4.58

Figure Of Merit: 4.04 (%)

calED method: Interpolation

MC acceptance-rate: 89.45 (%)

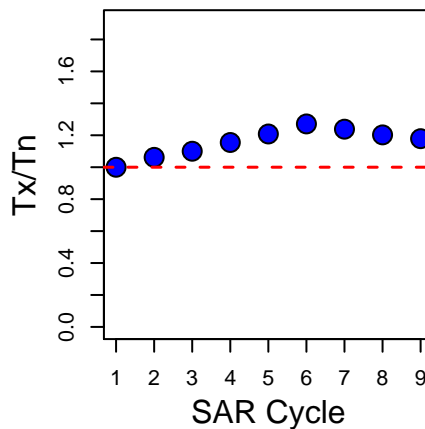
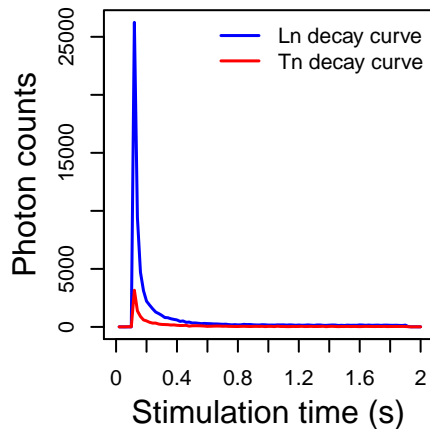
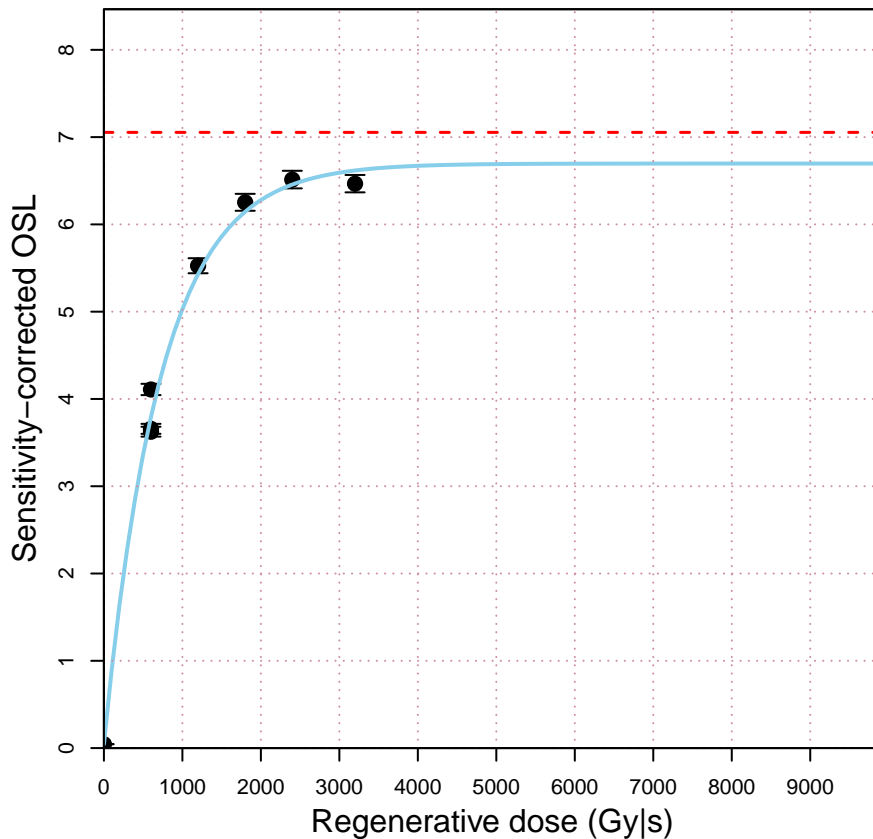
ED: 1487.19 \pm 462.15 (Gy/s)

RSE of ED: 31.08 (%)

95% interval: [1030.8, 2747.88]

68% interval: [1226.54, 2043.77]

Summary



ID: [NO=409, Position=9, Grain=9]

Status: Ln/Tn saturated

Tn: 6382.5 +/- 151.49

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.36 +/- 2.74

RSE of Tn: 2.37 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 0.63 +/- 0.05 (%)

Recuperation 2: 0.68 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.86

Average error in fit: 0.05

Reduced Chi-Square: 3.62

Figure Of Merit: 2.86 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

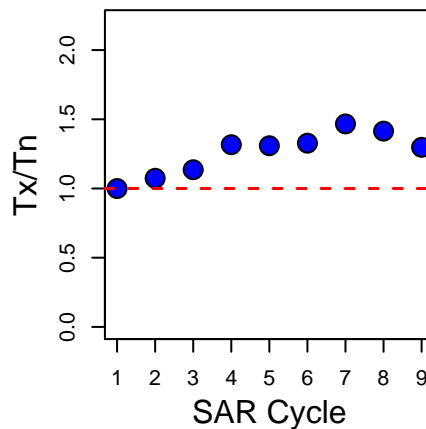
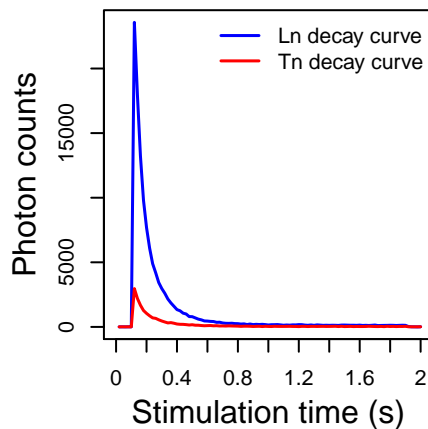
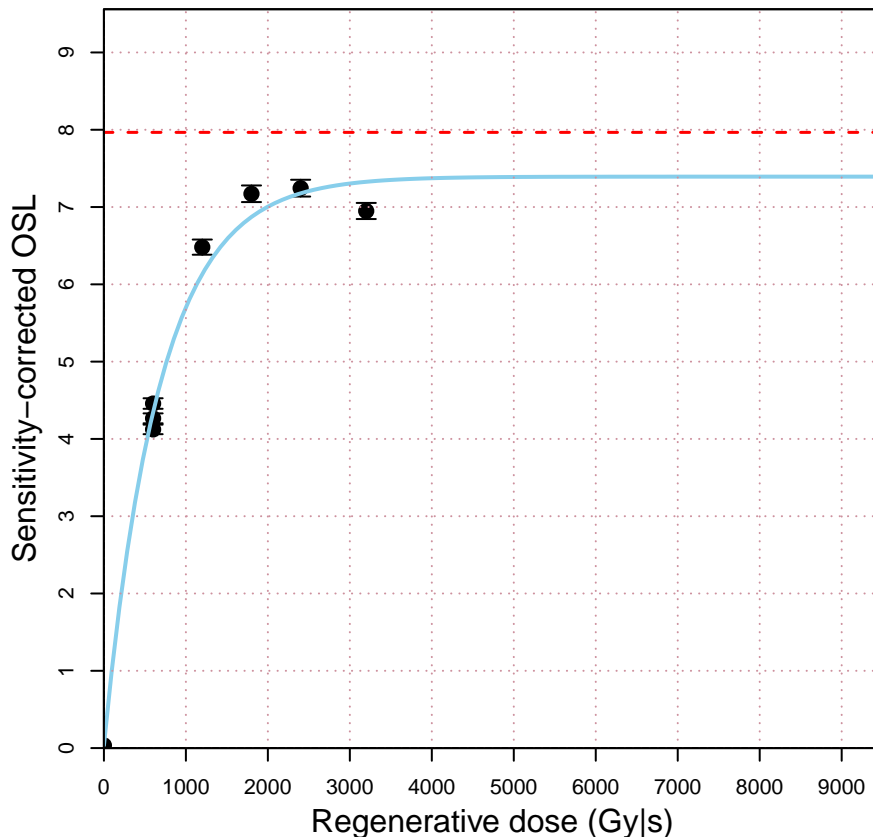
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=410, Position=9, Grain=10]

Status: Ln/Tn saturated

Tn: 8995 \pm 204.01

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 52.99 \pm 4.07

RSE of Tn: 2.27 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.96 \pm 0.04

Recycling ratio 3: 1.03 \pm 0.04

Recuperation 1: 0.44 \pm 0.03 (%)

Recuperation 2: 0.49 \pm 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.85

Average error in fit: 0.08

Reduced Chi-Square: 4.28

Figure Of Merit: 3.72 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

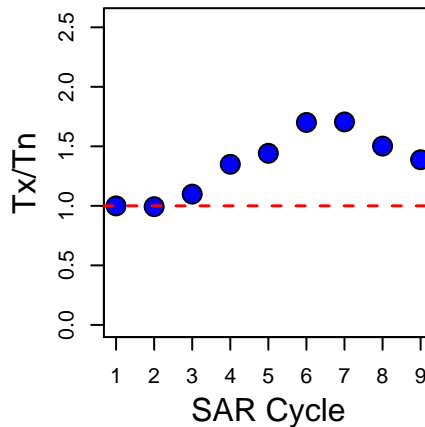
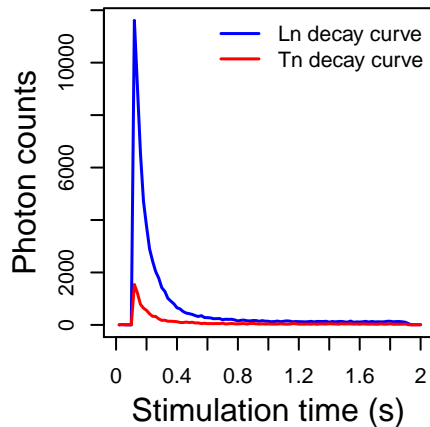
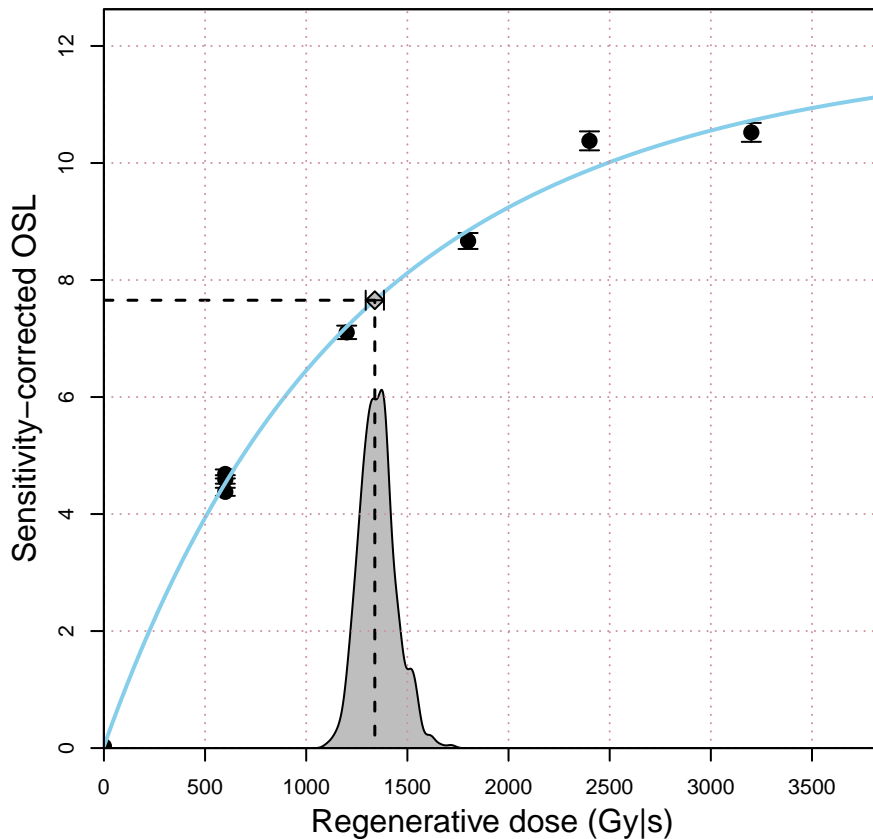
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=411, Position=9, Grain=11]

Status: OK

Tn: 4586 +/- 115.01

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 31.17 +/- 2.57

RSE of Tn: 2.51 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 0.98 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.41 +/- 0.04 (%)

Recuperation 2: 0.3 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.72

Average error in fit: 0.08

Reduced Chi-Square: 1.91

Figure Of Merit: 2.66 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

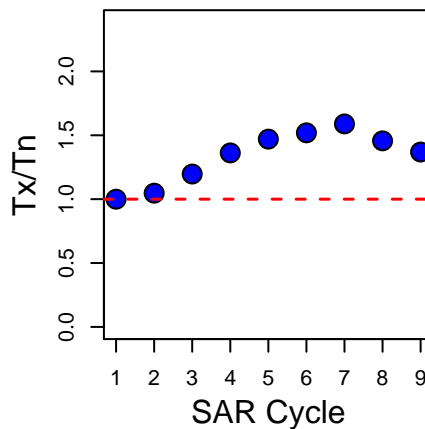
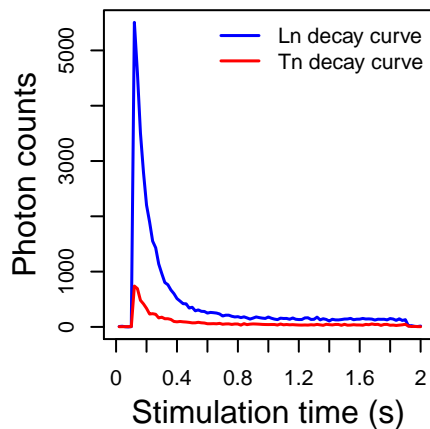
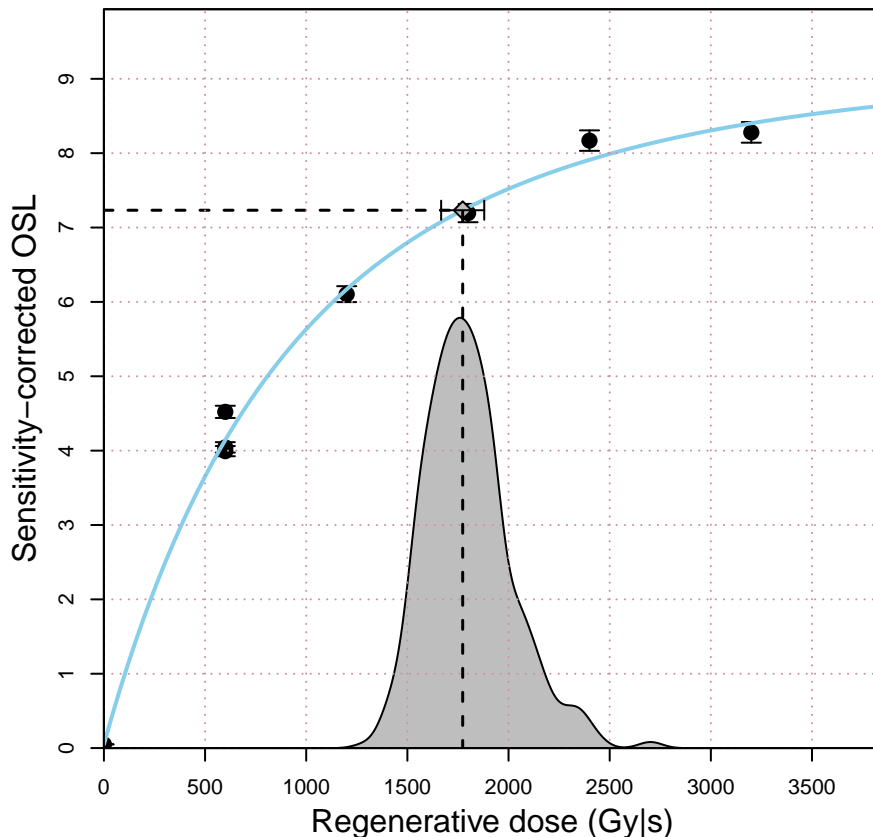
ED: 1339.13 +/- 90.18 (Gy/s)

RSE of ED: 6.73 (%)

95% interval: [1197.32, 1545.05]

68% interval: [1268.69, 1438.37]

Summary



ID: [NO=412, Position=9, Grain=12]

Status: OK

Tn: 2479 +/- 72.21

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 14.4 +/- 1.09

RSE of Tn: 2.91 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.88 +/- 0.04

Recycling ratio 2: 0.89 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 0.7 +/- 0.07 (%)

Recuperation 2: 0.61 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 8.3

Average error in fit: 0.06

Reduced Chi-Square: 2.77

Figure Of Merit: 2.72 (%)

calED method: Interpolation

MC acceptance-rate: 99.6 (%)

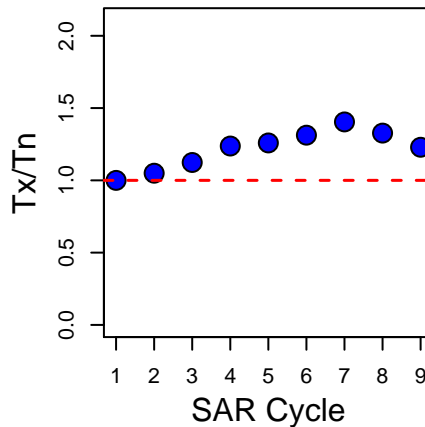
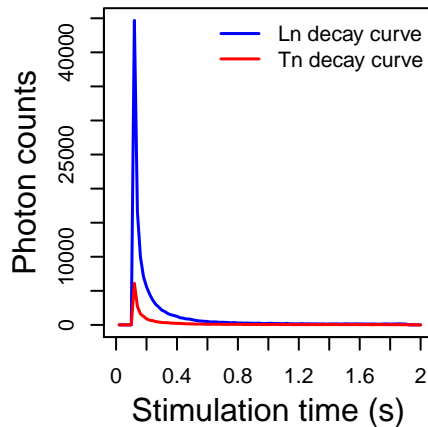
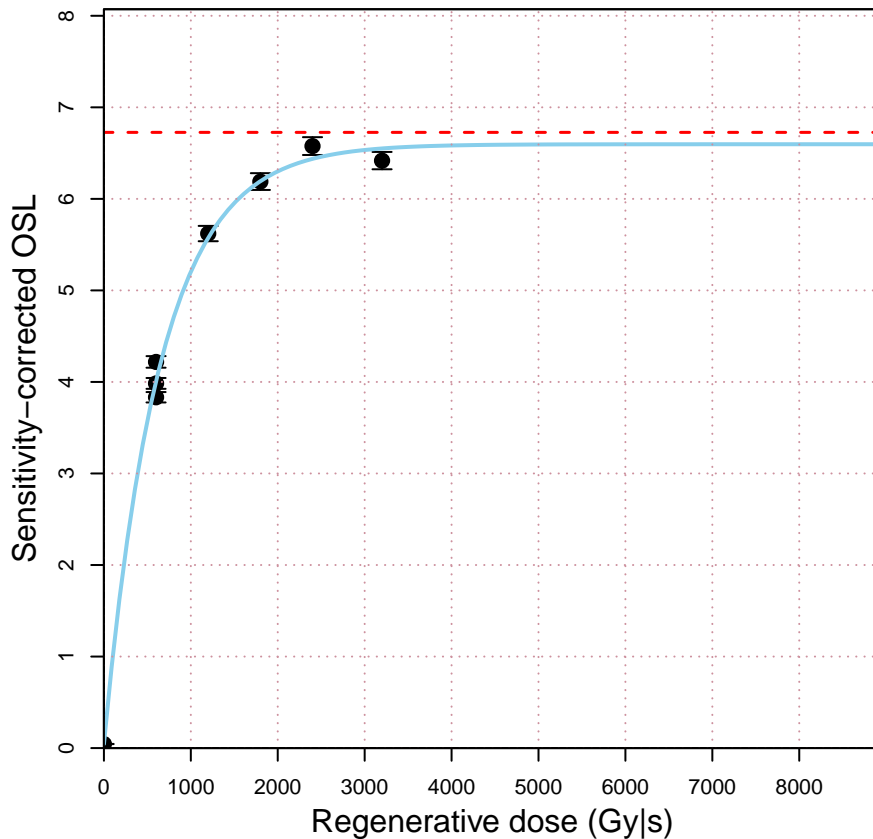
ED: 1773.38 +/- 213.06 (Gy/s)

RSE of ED: 12.01 (%)

95% interval: [1456.33, 2323.17]

68% interval: [1596.12, 2001.39]

Summary



ID: [NO=413, Position=9, Grain=13]
=====

Status: Ln/Tn saturated
=====

Tn: 12377.5 +/- 271.96
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 61.82 +/- 4.37
RSE of Tn: 2.2 (%)
Fast ratio of Tn: NA +/- NA
=====

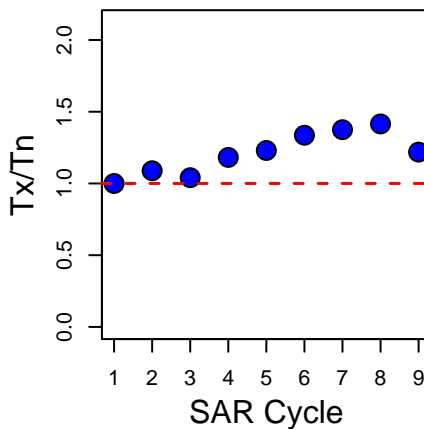
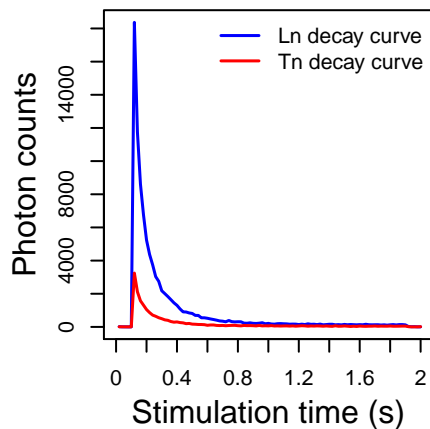
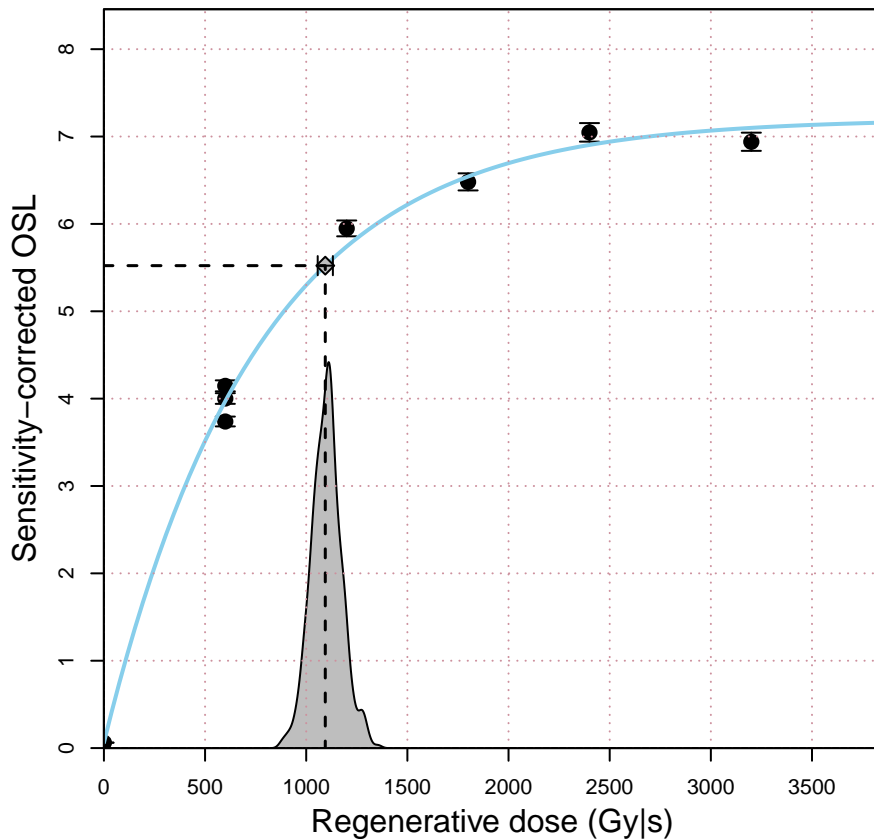
Recycling ratio 1: 0.91 +/- 0.04
Recycling ratio 2: 0.94 +/- 0.04
Recycling ratio 3: 1.04 +/- 0.04
=====

Recuperation 1: 0.66 +/- 0.04 (%)
Recuperation 2: 0.67 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 6.28
Average error in fit: 0.04
Reduced Chi-Square: 2.09
Figure Of Merit: 1.99 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary



ID: [NO=414, Position=9, Grain=14]
=====

Status: OK
=====

Tn: 9074.5 +/- 205.79
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 41.24 +/- 2.78
RSE of Tn: 2.27 (%)
Fast ratio of Tn: NA +/- NA
=====

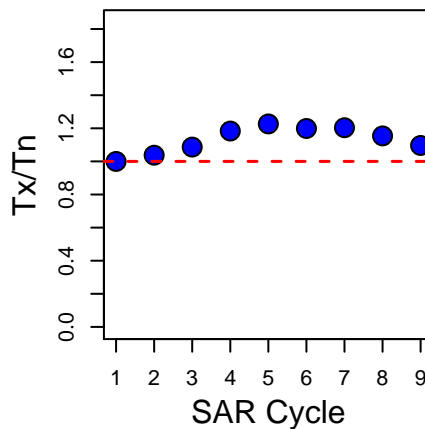
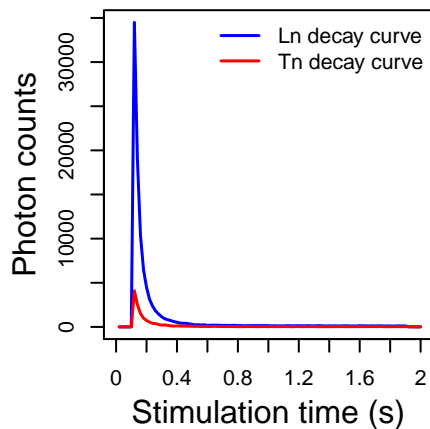
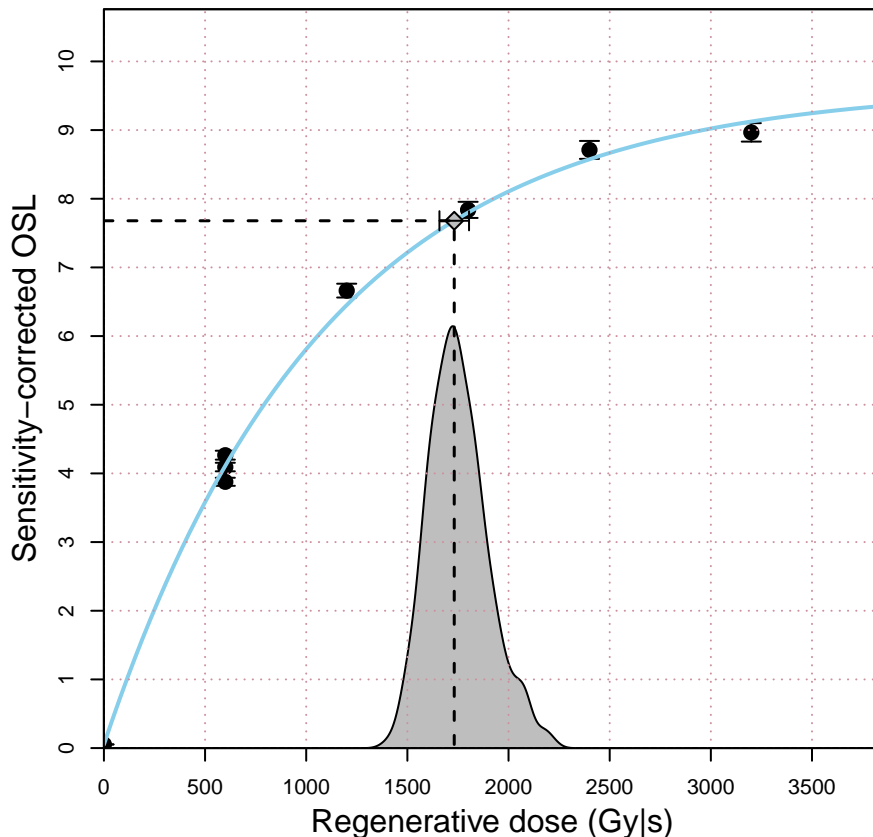
Recycling ratio 1: 0.93 +/- 0.04
Recycling ratio 2: 1.04 +/- 0.04
Recycling ratio 3: 1.11 +/- 0.05
=====

Recuperation 1: 1.12 +/- 0.07 (%)
Recuperation 2: 0.88 +/- 0.05 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 8.77
Average error in fit: 0.05
Reduced Chi-Square: 2.92
Figure Of Merit: 2.63 (%)
=====

calED method: Interpolation
MC acceptance-rate: 99.21 (%)
ED: 1094.25 +/- 74.9 (Gy/s)
RSE of ED: 6.84 (%)
95% interval: [955.67, 1269.24]
68% interval: [1030.63, 1172.5]

Summary



ID: [NO=415, Position=9, Grain=15]
=====

Status: OK
=====

Tn: 9675.5 +/- 217.63
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 61.66 +/- 4.92
RSE of Tn: 2.25 (%)
Fast ratio of Tn: NA +/- NA
=====

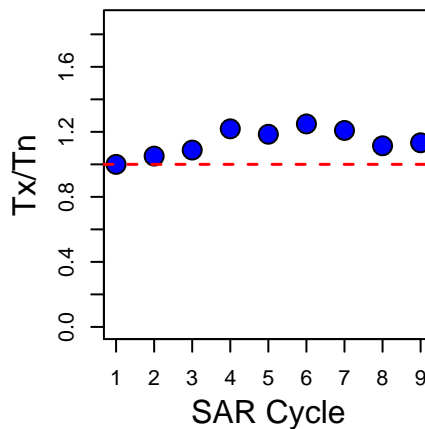
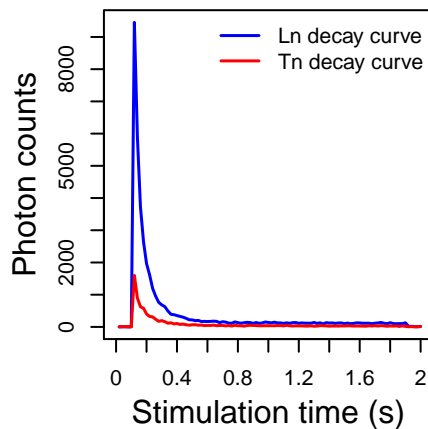
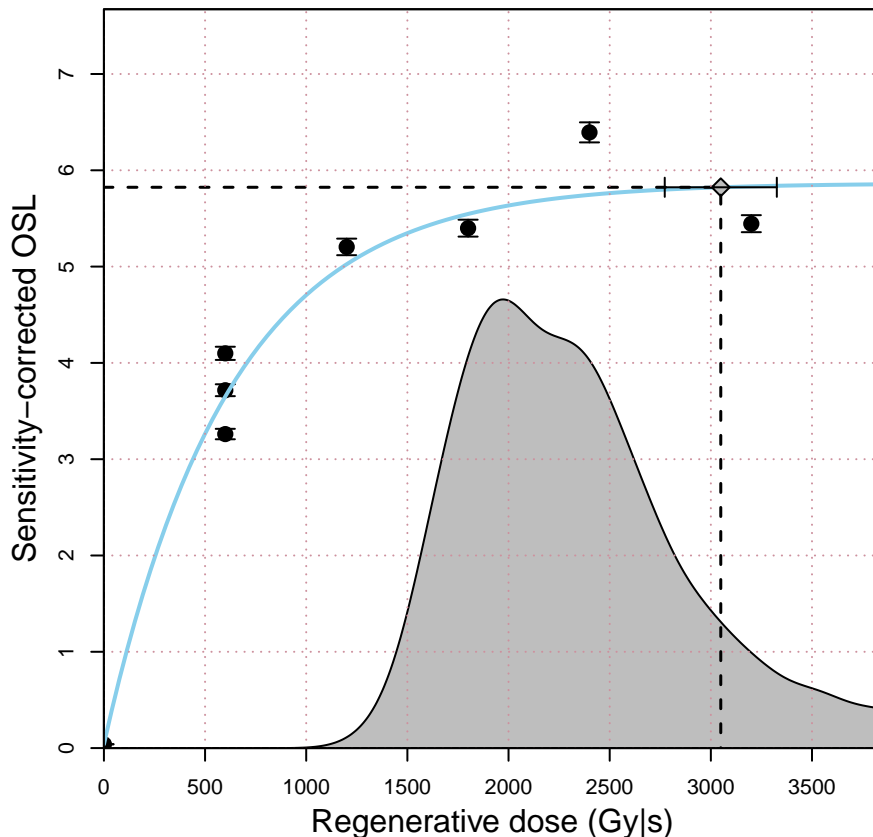
Recycling ratio 1: 0.91 +/- 0.04
Recycling ratio 2: 0.96 +/- 0.04
Recycling ratio 3: 1.06 +/- 0.05
=====

Recuperation 1: 0.69 +/- 0.04 (%)
Recuperation 2: 0.59 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 7.15
Average error in fit: 0.05
Reduced Chi-Square: 2.38
Figure Of Merit: 2.15 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1731.62 +/- 146.24 (Gy/s)
RSE of ED: 8.45 (%)
95% interval: [1499.2, 2078.5]
68% interval: [1609.41, 1893.78]

Summary



ID: [NO=416, Position=9, Grain=16]

Status: OK

Tn: 3968.5 +/- 102.31

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 30.95 +/- 2.73

RSE of Tn: 2.58 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.8 +/- 0.04

Recycling ratio 3: 0.88 +/- 0.04

Recuperation 1: 0.68 +/- 0.07 (%)

Recuperation 2: 0.62 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 40.28

Average error in fit: 0.12

Reduced Chi-Square: 13.43

Figure Of Merit: 6.84 (%)

calED method: Interpolation

MC acceptance-rate: 47.04 (%)

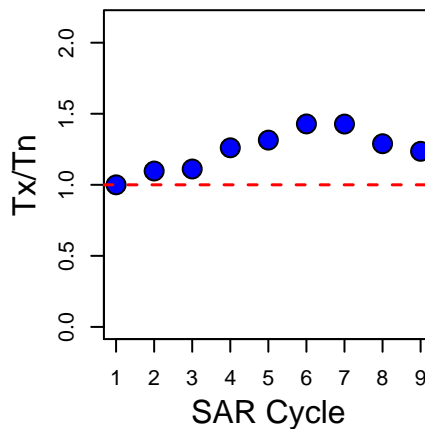
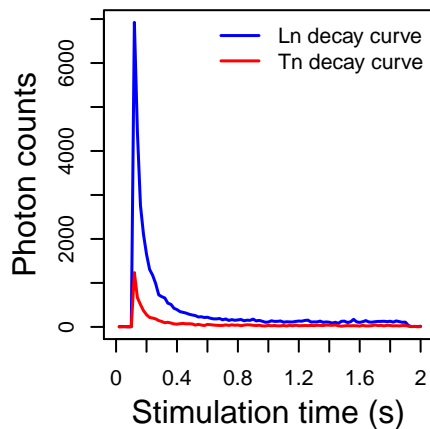
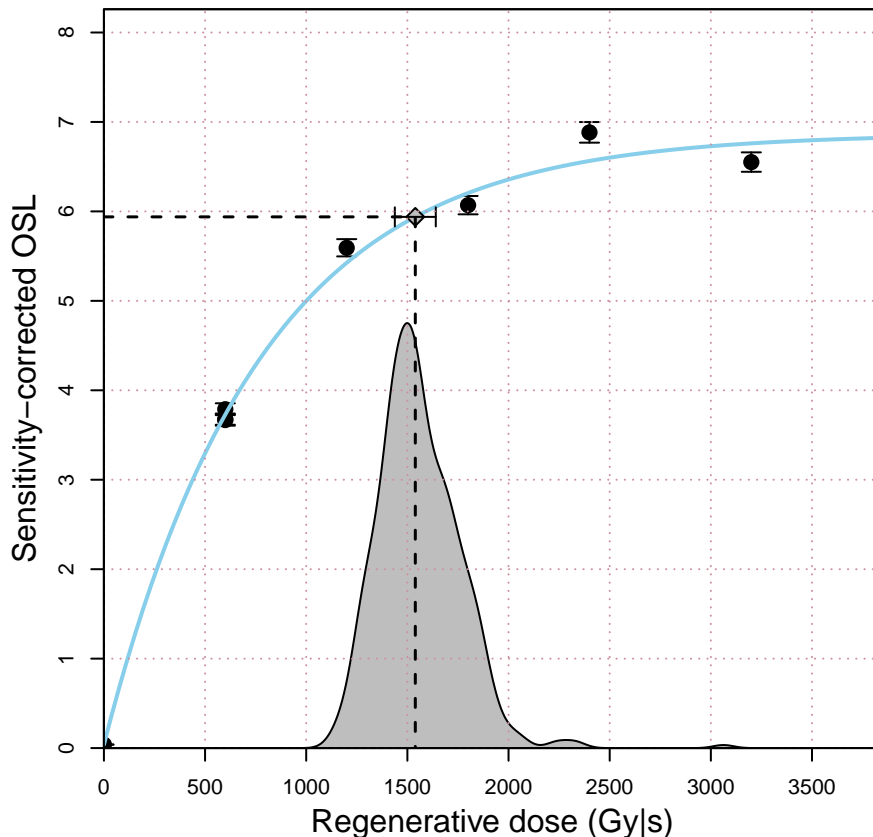
ED: 3049.11 +/- 553.97 (Gy/s)

RSE of ED: 18.17 (%)

95% interval: [1543.4, 3767.66]

68% interval: [1799.56, 2848.72]

Summary



ID: [NO=417, Position=9, Grain=17]

Status: OK

Tn: 2908 +/- 80.68

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 20.92 +/- 1.77

RSE of Tn: 2.77 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.05

Recycling ratio 2: 0.97 +/- 0.05

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 0.66 +/- 0.07 (%)

Recuperation 2: 0.57 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.66

Average error in fit: 0.06

Reduced Chi-Square: 1.55

Figure Of Merit: 2.78 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

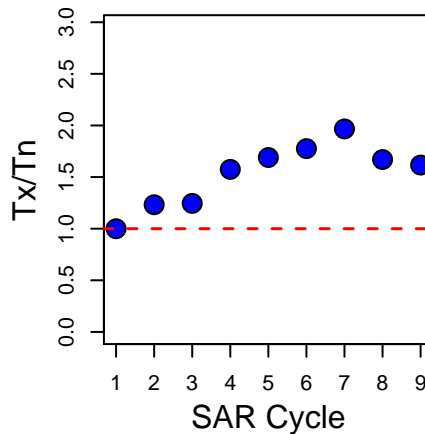
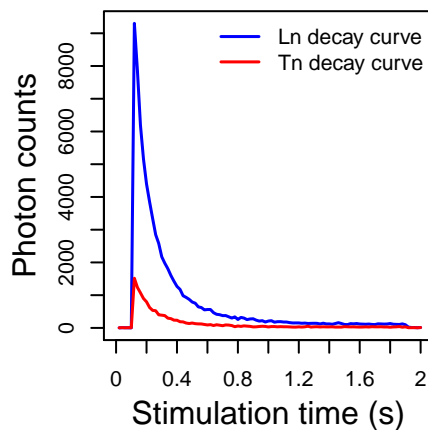
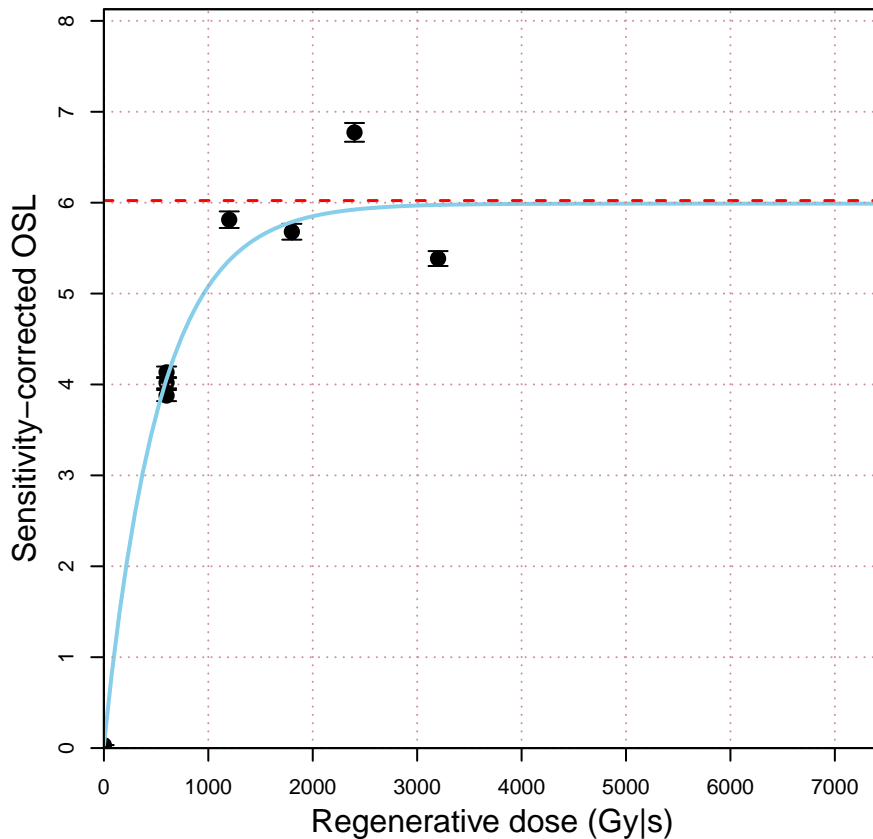
ED: 1539.16 +/- 202.38 (Gy/s)

RSE of ED: 13.15 (%)

95% interval: [1240.35, 1936.17]

68% interval: [1376.86, 1751.08]

Summary



ID: [NO=418, Position=9, Grain=18]

Status: Ln/Tn saturated

Tn: 5368 +/- 130.85

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.55 +/- 3.01

RSE of Tn: 2.44 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.04 +/- 0.05

Recycling ratio 2: 1.07 +/- 0.05

Recycling ratio 3: 1.03 +/- 0.04

Recuperation 1: 0.55 +/- 0.04 (%)

Recuperation 2: 0.49 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 38.91

Average error in fit: 0.14

Reduced Chi-Square: 12.97

Figure Of Merit: 6.5 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

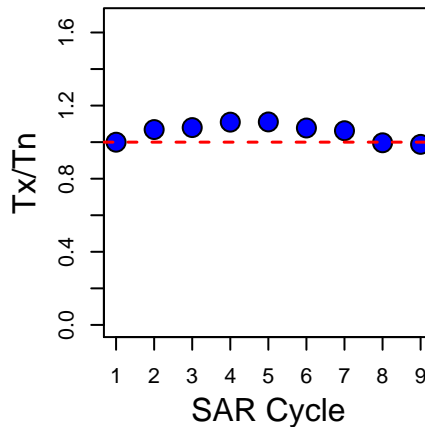
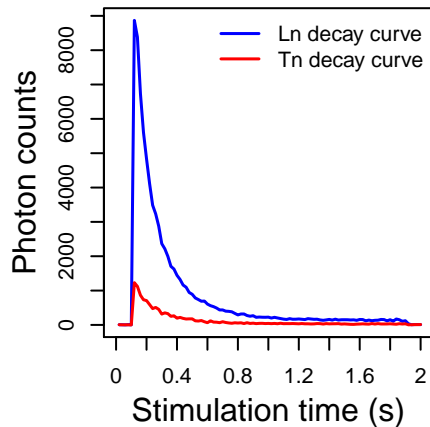
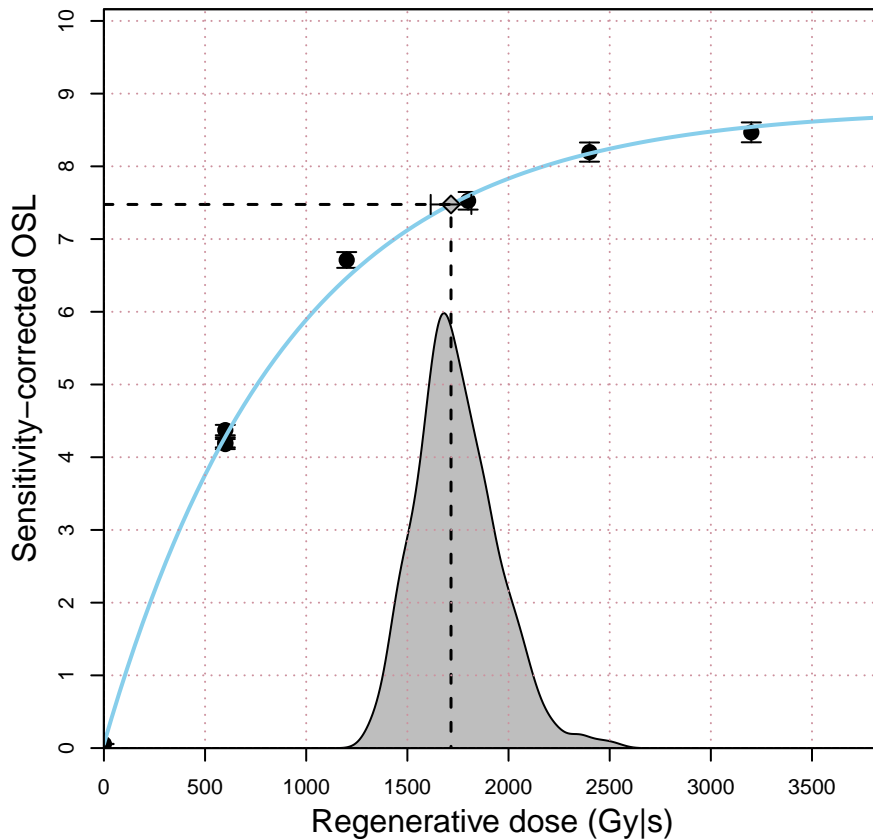
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=419, Position=9, Grain=19]

Status: OK

Tn: 4512 \pm 113.46

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.12 \pm 2.71

RSE of Tn: 2.51 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.96 \pm 0.04

Recycling ratio 2: 0.96 \pm 0.04

Recycling ratio 3: 0.99 \pm 0.05

Recuperation 1: 0.75 \pm 0.06 (%)

Recuperation 2: 0.66 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 2.7

Average error in fit: 0.04

Reduced Chi-Square: 0.9

Figure Of Merit: 1.55 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

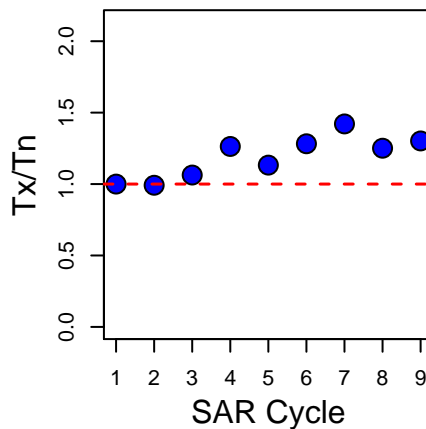
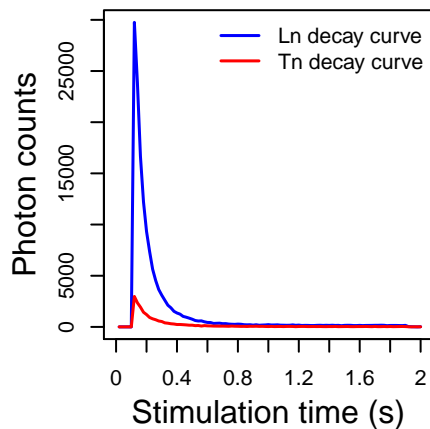
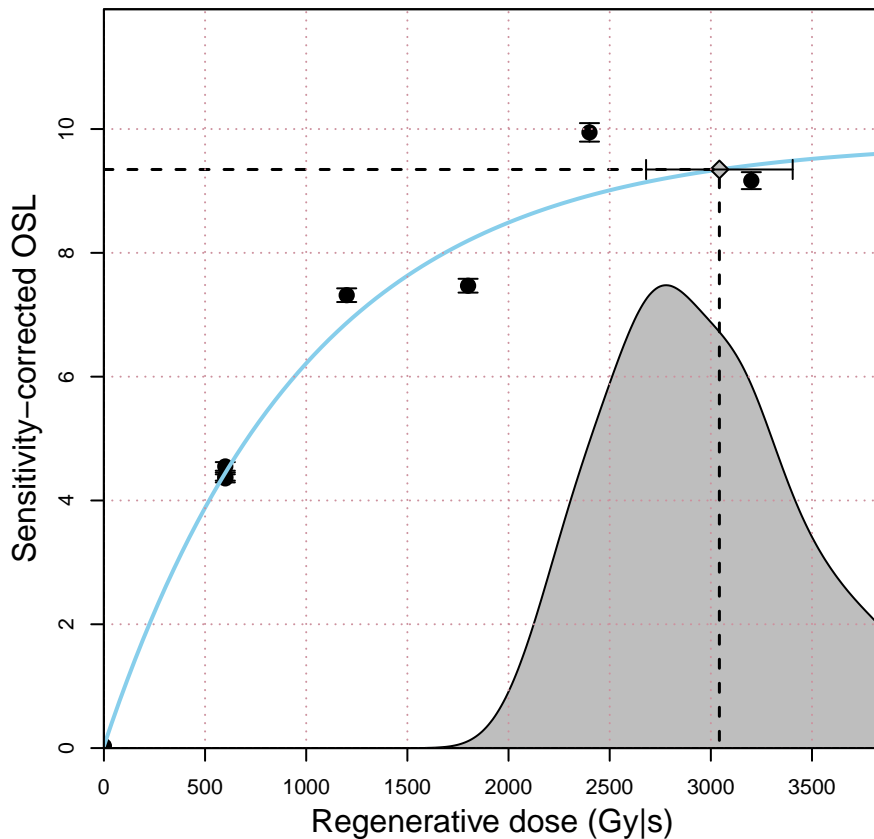
ED: 1715.72 \pm 201 (Gy/s)

RSE of ED: 11.71 (%)

95% interval: [1415.97, 2176.64]

68% interval: [1547.37, 1943.4]

Summary



ID: [NO=420, Position=9, Grain=20]

Status: OK

Tn: 9745 \pm 219.02

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 62.68 \pm 5.03

RSE of Tn: 2.25 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.96 \pm 0.04

Recycling ratio 2: 0.96 \pm 0.04

Recycling ratio 3: 1.01 \pm 0.04

Recuperation 1: 0.36 \pm 0.02 (%)

Recuperation 2: 0.34 \pm 0.02 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 28.43

Average error in fit: 0.17

Reduced Chi-Square: 9.48

Figure Of Merit: 5.77 (%)

calED method: Interpolation

MC acceptance-rate: 91.91 (%)

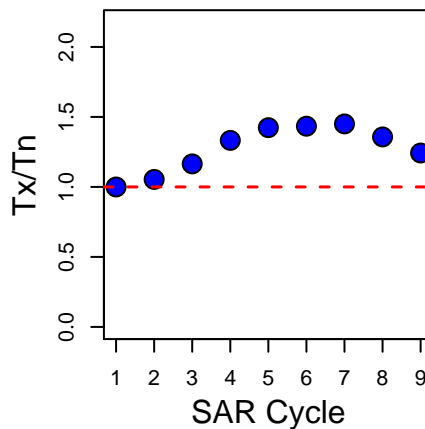
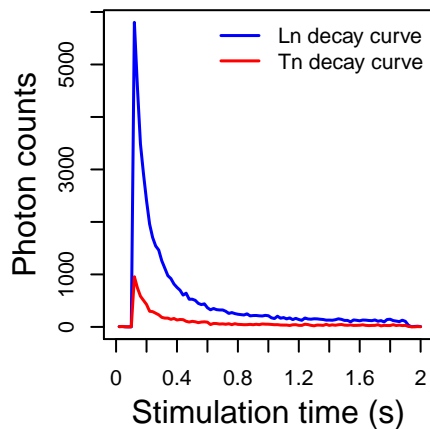
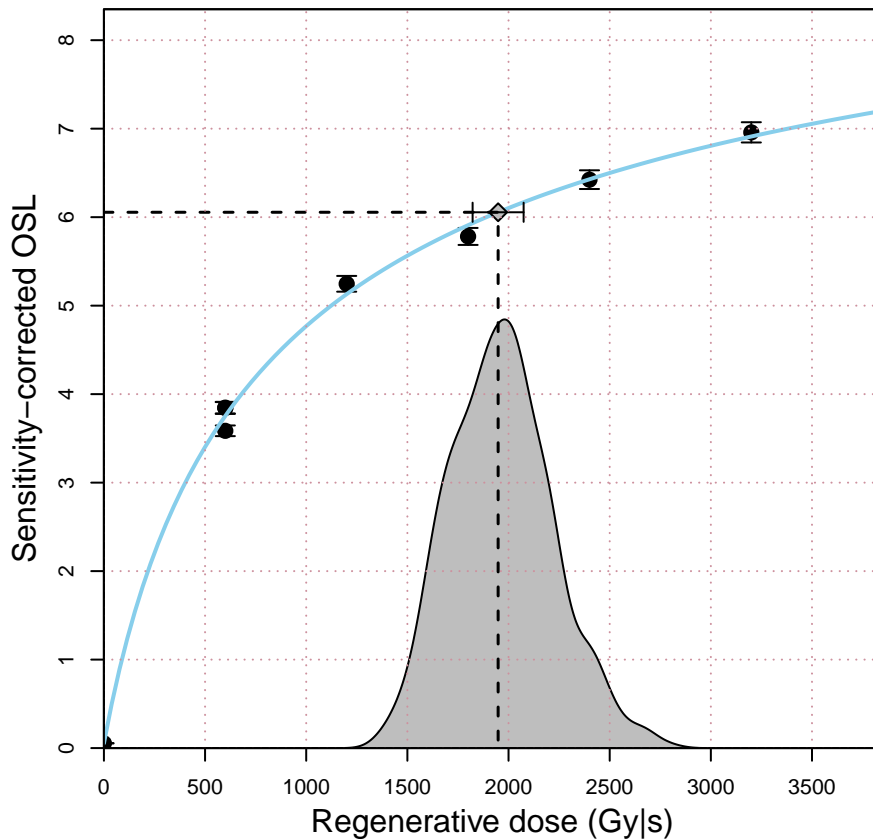
ED: 3042.2 \pm 724.66 (Gy/s)

RSE of ED: 23.82 (%)

95% interval: [2181.27, 5160.08]

68% interval: [2484.15, 3677.07]

Summary



ID: [NO=421, Position=9, Grain=21]

Status: OK

Tn: 3069.5 +/- 84.04

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.53 +/- 1.8

RSE of Tn: 2.74 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 1 +/- 0.05

Recycling ratio 3: 1.07 +/- 0.05

Recuperation 1: 0.9 +/- 0.08 (%)

Recuperation 2: 0.78 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.81

Average error in fit: 0.03

Reduced Chi-Square: 1.27

Figure Of Merit: 1.81 (%)

calED method: Interpolation

MC acceptance-rate: 95.97 (%)

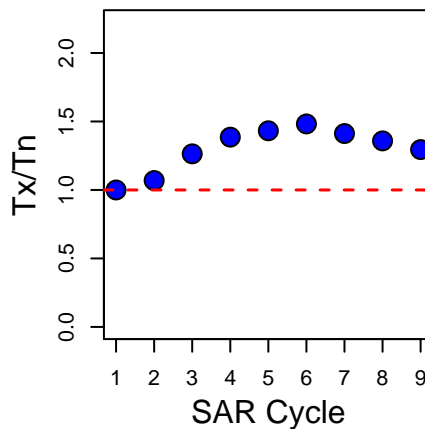
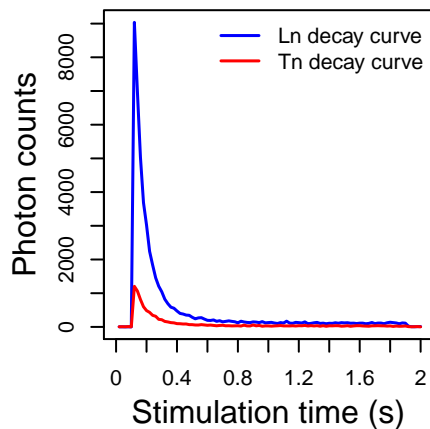
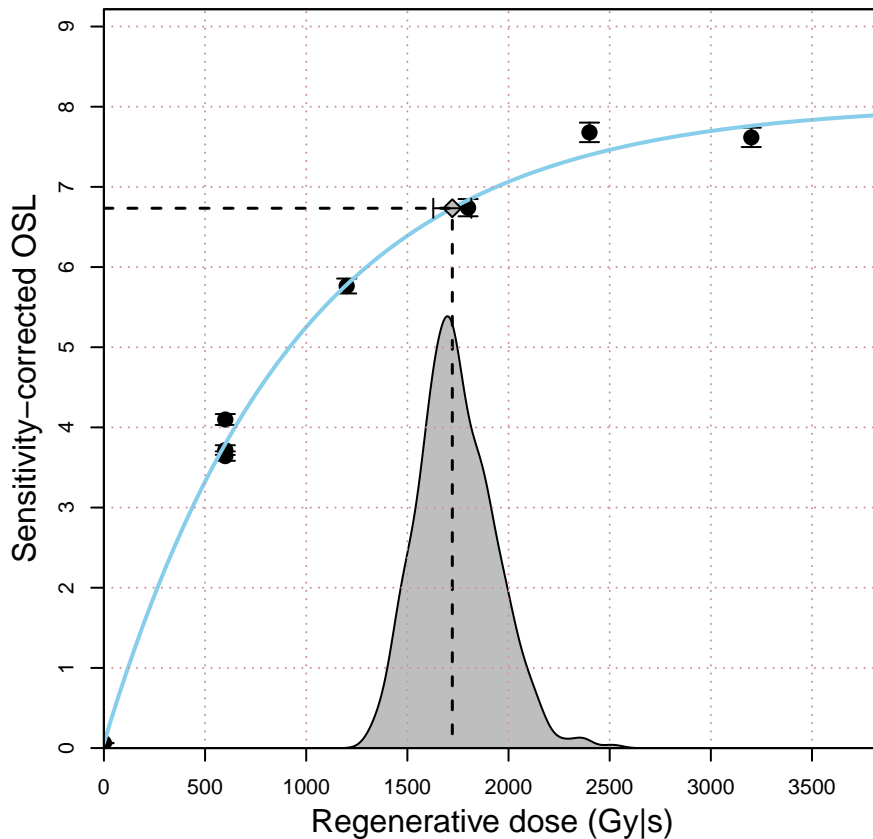
ED: 1948.54 +/- 252.16 (Gy/s)

RSE of ED: 12.94 (%)

95% interval: [1522.77, 2496.85]

68% interval: [1701.95, 2206.66]

Summary



ID: [NO=422, Position=9, Grain=22]
=====

Status: OK
=====

Tn: 4036 +/- 103.66
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 32.29 +/- 2.89
RSE of Tn: 2.57 (%)
Fast ratio of Tn: NA +/- NA
=====

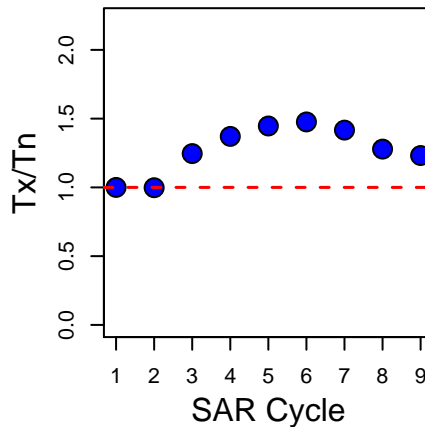
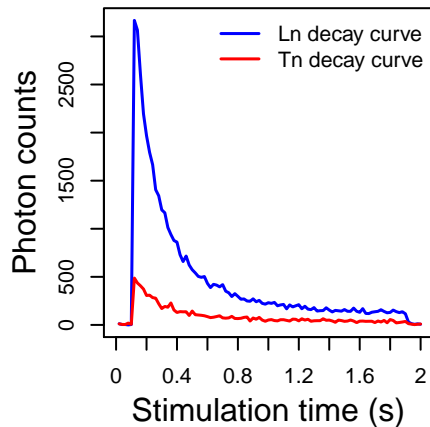
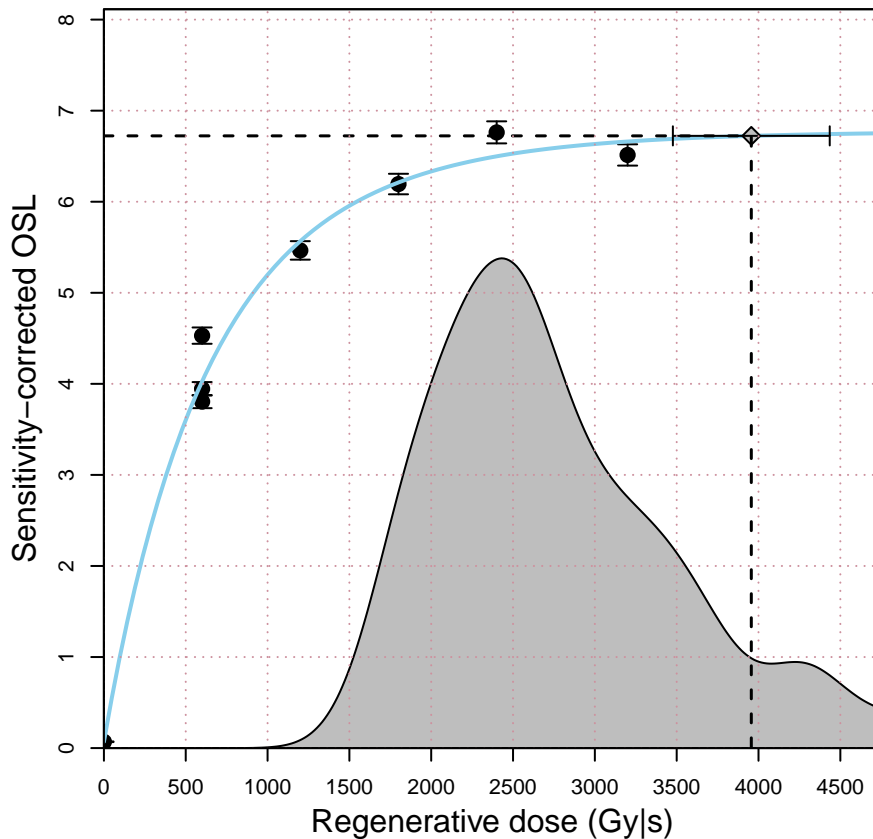
Recycling ratio 1: 0.89 +/- 0.04
Recycling ratio 2: 0.91 +/- 0.04
Recycling ratio 3: 1.02 +/- 0.05
=====

Recuperation 1: 0.93 +/- 0.08 (%)
Recuperation 2: 0.81 +/- 0.07 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 8.98
Average error in fit: 0.06
Reduced Chi-Square: 2.99
Figure Of Merit: 2.73 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1722.12 +/- 188.16 (Gy/s)
RSE of ED: 10.93 (%)
95% interval: [1426.35, 2135.24]
68% interval: [1560.12, 1936.16]

Summary



ID: [NO=423, Position=9, Grain=23]

Status: OK

Tn: 1832 \pm 58.65

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 11.35 \pm 0.89

RSE of Tn: 3.2 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.87 \pm 0.05

Recycling ratio 2: 0.84 \pm 0.05

Recycling ratio 3: 0.96 \pm 0.05

Recuperation 1: 1.03 \pm 0.12 (%)

Recuperation 2: 1.03 \pm 0.12 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.38

Average error in fit: 0.08

Reduced Chi-Square: 4.13

Figure Of Merit: 3.6 (%)

calED method: Extrapolation

MC acceptance-rate: 62.5 (%)

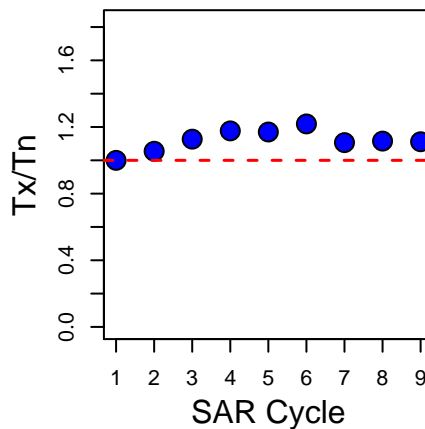
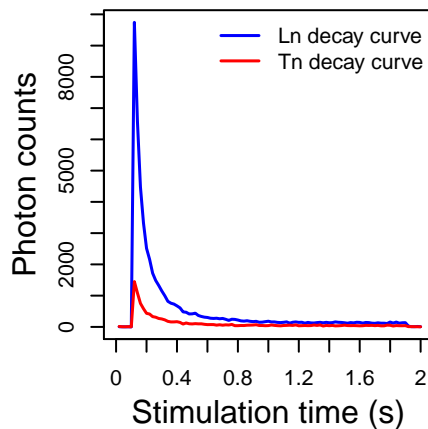
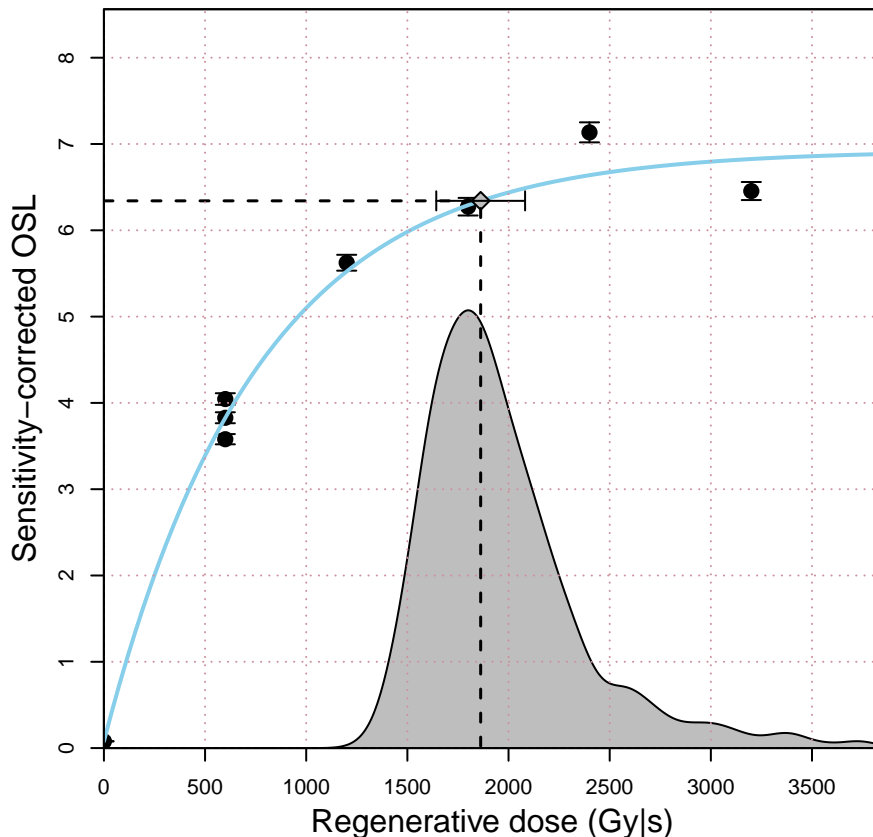
ED: 3956 \pm 958.45 (Gy/s)

RSE of ED: 24.23 (%)

95% interval: [1709.89, 5281.81]

68% interval: [2068.49, 3643.5]

Summary



ID: [NO=424, Position=9, Grain=24]

Status: OK

Tn: 4099.5 +/- 105.51

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 20.85 +/- 1.49

RSE of Tn: 2.57 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.04

Recycling ratio 2: 0.88 +/- 0.04

Recycling ratio 3: 0.94 +/- 0.04

Recuperation 1: 1.24 +/- 0.1 (%)

Recuperation 2: 1.1 +/- 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 14.98

Average error in fit: 0.09

Reduced Chi-Square: 4.99

Figure Of Merit: 3.94 (%)

calED method: Interpolation

MC acceptance-rate: 97.47 (%)

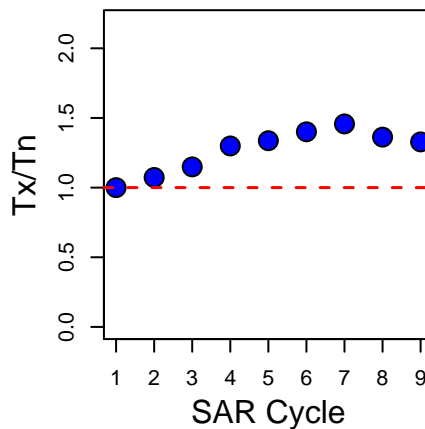
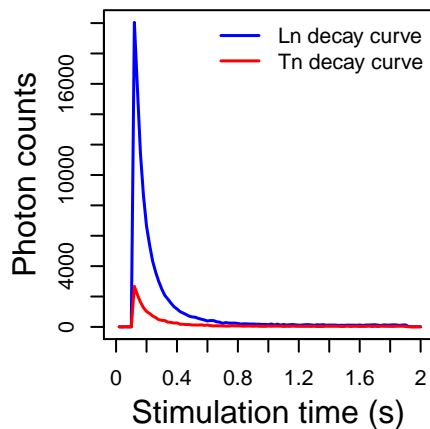
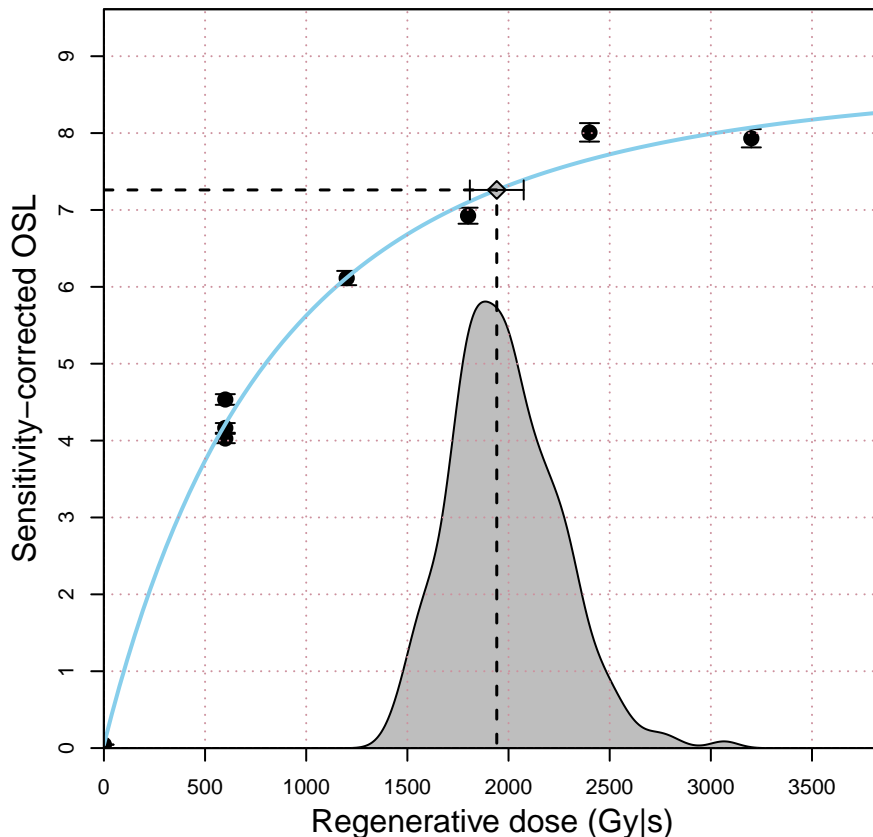
ED: 1862.29 +/- 439.11 (Gy/s)

RSE of ED: 23.58 (%)

95% interval: [1456.38, 3149.68]

68% interval: [1628.64, 2288.55]

Summary



ID: [NO=426, Position=9, Grain=26]

Status: OK

Tn: 8515.5 +/- 194.43

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 46.18 +/- 3.4

RSE of Tn: 2.28 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.04

Recuperation 1: 0.62 +/- 0.04 (%)

Recuperation 2: 0.56 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.07

Average error in fit: 0.07

Reduced Chi-Square: 3.69

Figure Of Merit: 2.96 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

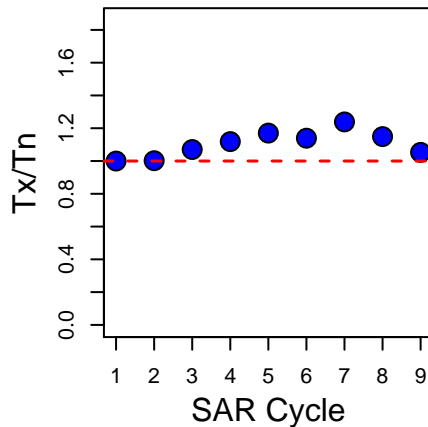
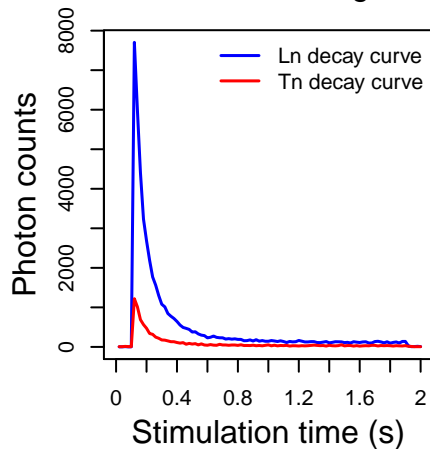
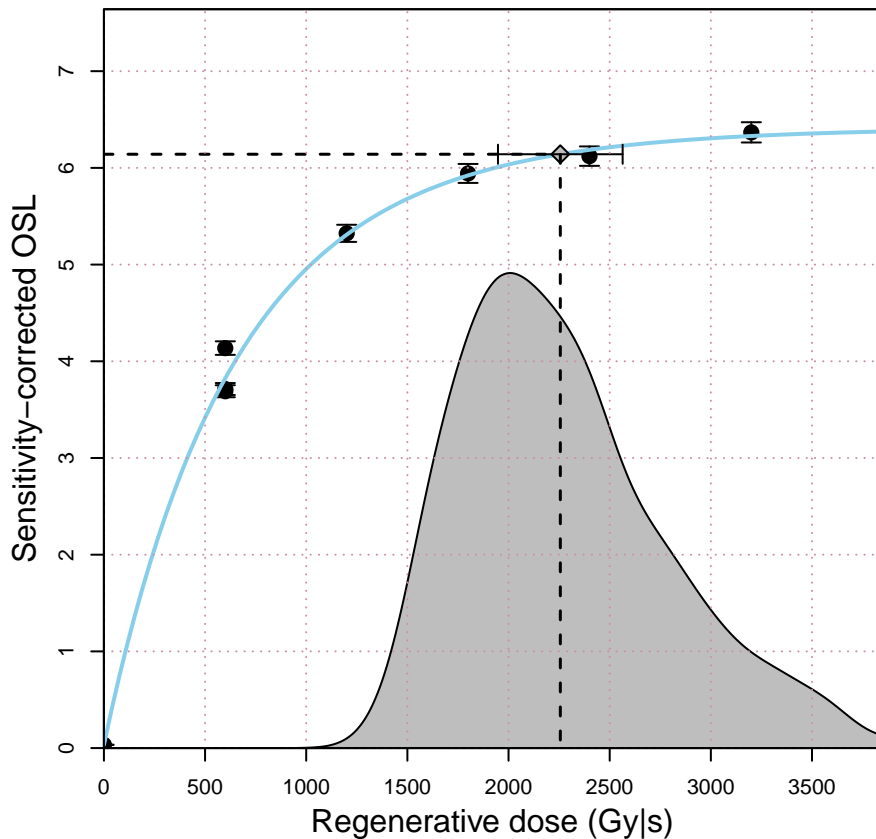
ED: 1941.9 +/- 266.16 (Gy/s)

RSE of ED: 13.71 (%)

95% interval: [1529.44, 2544.51]

68% interval: [1735.07, 2254.23]

Summary



ID: [NO=427, Position=9, Grain=27]

Status: OK

Tn: 3812.5 \pm 99.21

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.57 \pm 2.34

RSE of Tn: 2.6 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.9 \pm 0.04

Recycling ratio 2: 0.89 \pm 0.04

Recycling ratio 3: 0.99 \pm 0.05

Recuperation 1: 0.56 \pm 0.06 (%)

Recuperation 2: 0.54 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.1

Average error in fit: 0.05

Reduced Chi-Square: 2.37

Figure Of Merit: 1.97 (%)

calED method: Interpolation

MC acceptance-rate: 86.96 (%)

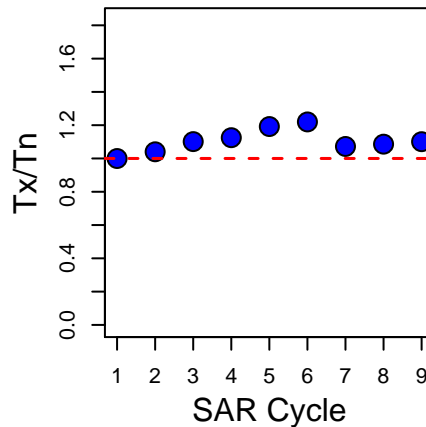
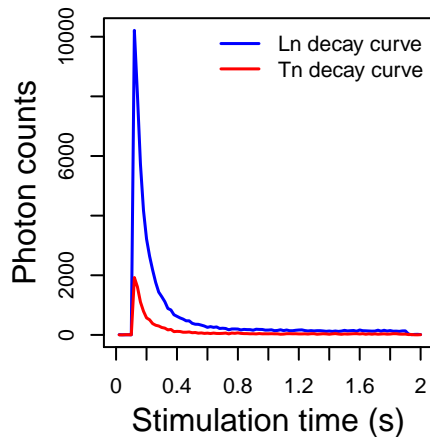
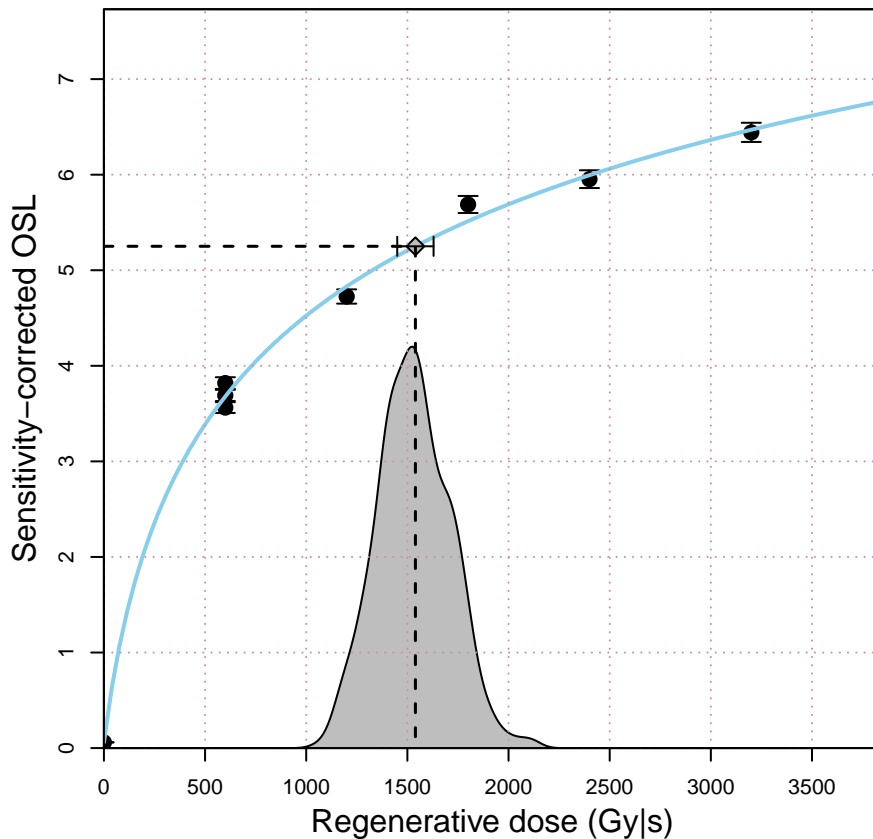
ED: 2255.91 \pm 616.18 (Gy/s)

RSE of ED: 27.31 (%)

95% interval: [1540.9, 3691.83]

68% interval: [1782.72, 2834.56]

Summary



ID: [NO=429, Position=9, Grain=29]

Status: OK

Tn: 5850.5 +/- 140.61

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 39.36 +/- 3.23

RSE of Tn: 2.4 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.04

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 1.14 +/- 0.09 (%)

Recuperation 2: 0.93 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.91

Average error in fit: 0.03

Reduced Chi-Square: 1.3

Figure Of Merit: 1.82 (%)

calED method: Interpolation

MC acceptance-rate: 99.21 (%)

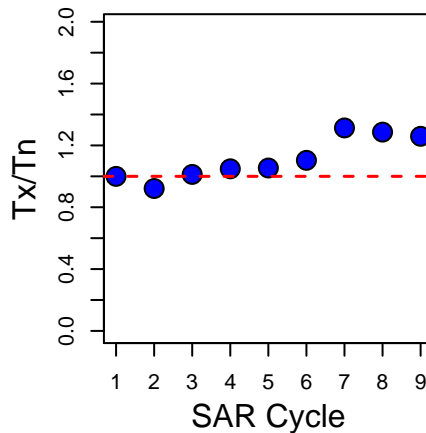
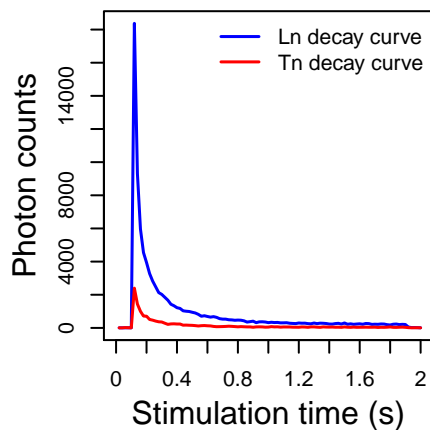
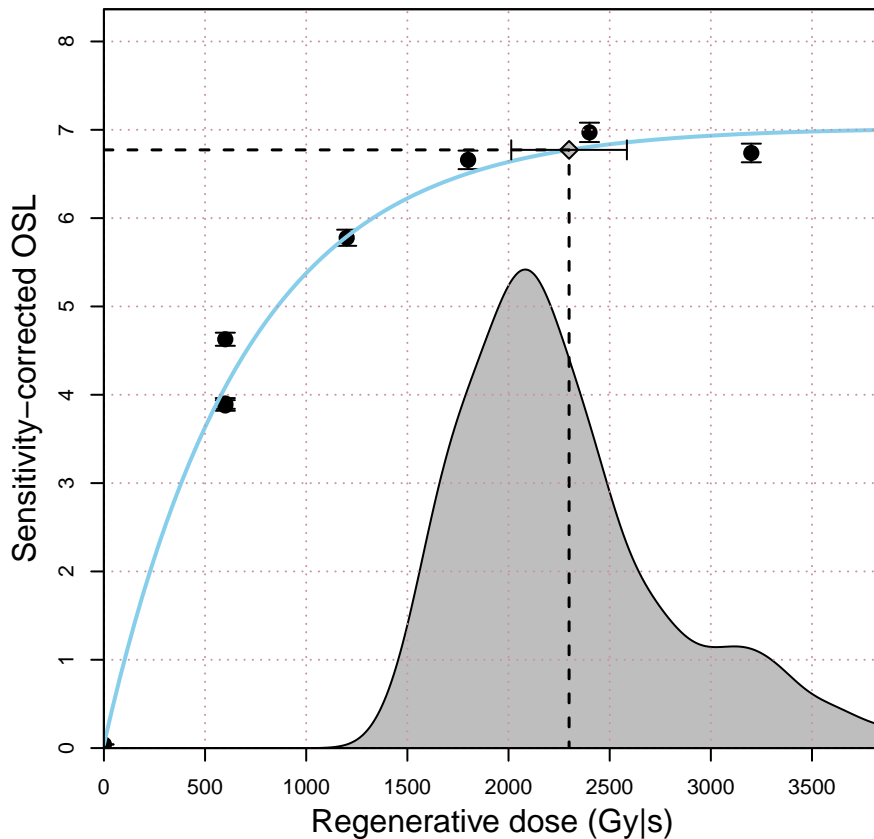
ED: 1539.74 +/- 179.48 (Gy/s)

RSE of ED: 11.66 (%)

95% interval: [1186.45, 1886.41]

68% interval: [1361.06, 1719.67]

Summary



ID: [NO=430, Position=9, Grain=30]

Status: OK

Tn: 6064.5 +/- 145.15

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.18 +/- 2.34

RSE of Tn: 2.39 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.84 +/- 0.04

Recycling ratio 2: 0.84 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.04

Recuperation 1: 0.61 +/- 0.05 (%)

Recuperation 2: 0.59 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 20.84

Average error in fit: 0.09

Reduced Chi-Square: 6.95

Figure Of Merit: 3.87 (%)

calED method: Interpolation

MC acceptance-rate: 83.19 (%)

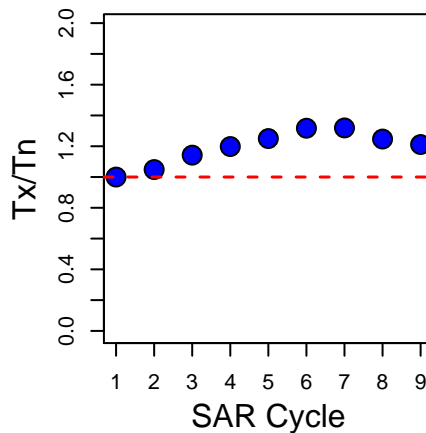
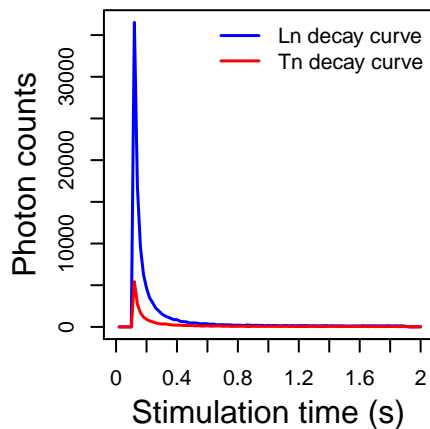
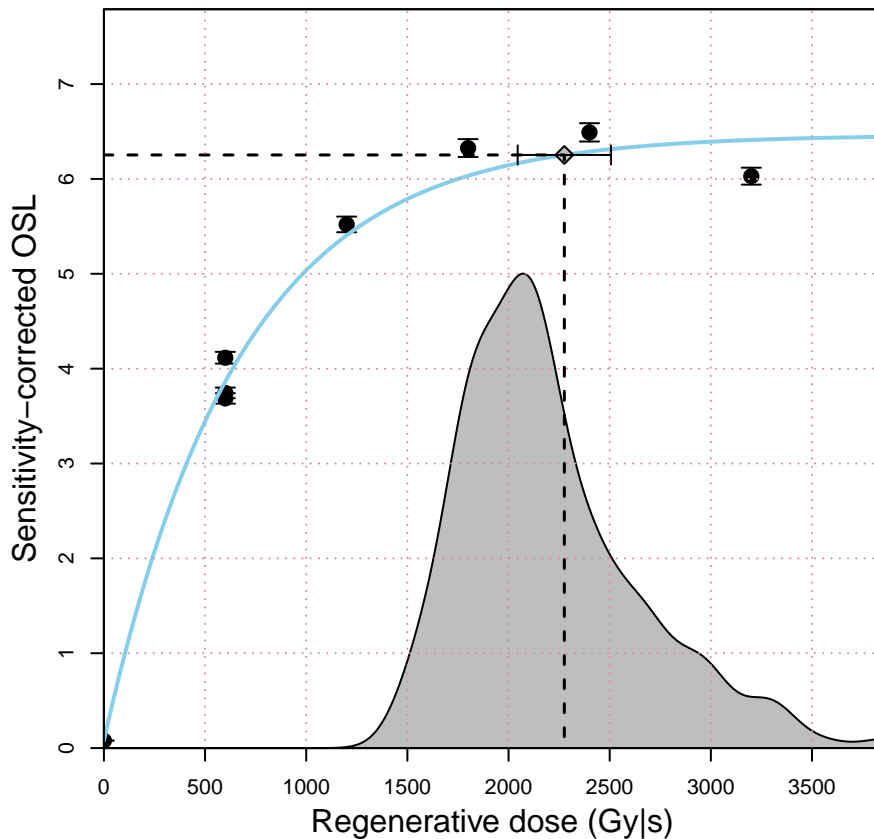
ED: 2299.31 +/- 571.65 (Gy/s)

RSE of ED: 24.86 (%)

95% interval: [1558.89, 3757.22]

68% interval: [1794.91, 2817.31]

Summary



ID: [NO=431, Position=9, Grain=31]

Status: OK

Tn: 11707.5 +/- 258.63

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 50.09 +/- 3.28

RSE of Tn: 2.21 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 1.02 +/- 0.04

Recuperation 1: 1.26 +/- 0.07 (%)

Recuperation 2: 1.21 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 16.45

Average error in fit: 0.08

Reduced Chi-Square: 5.48

Figure Of Merit: 4.3 (%)

calED method: Interpolation

MC acceptance-rate: 87.87 (%)

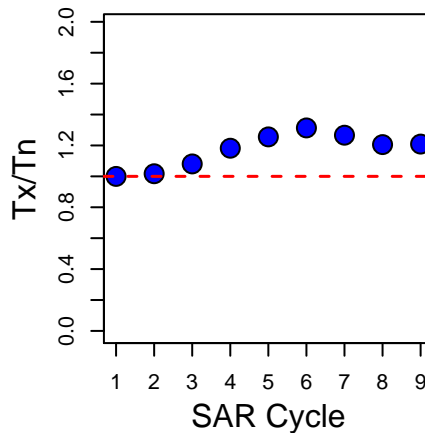
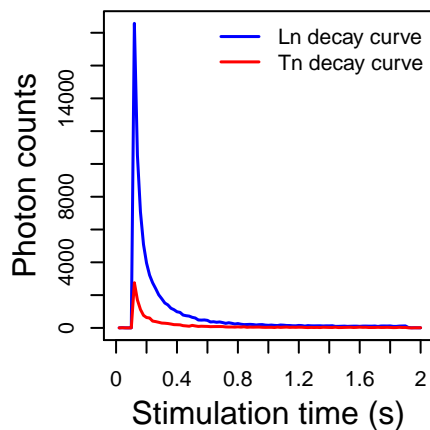
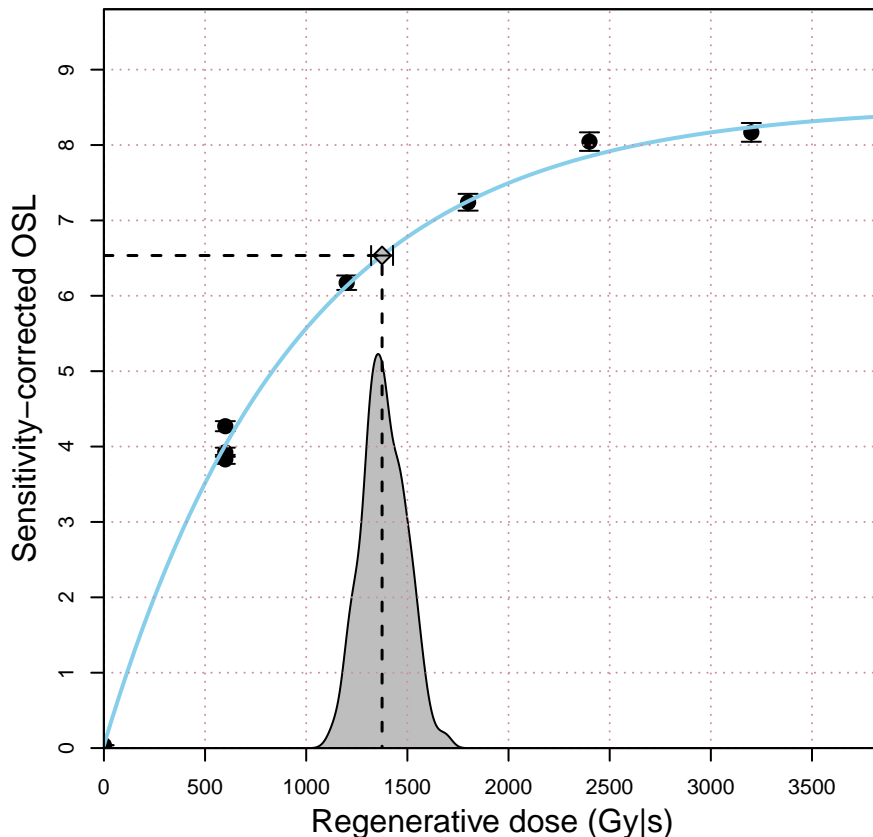
ED: 2275.85 +/- 461.29 (Gy/s)

RSE of ED: 20.27 (%)

95% interval: [1554.46, 3312.15]

68% interval: [1800.73, 2643.17]

Summary



ID: [NO=432, Position=9, Grain=32]
=====

Status: OK
=====

Tn: 6839 +/- 160.51
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 48.83 +/- 4.12
RSE of Tn: 2.35 (%)
Fast ratio of Tn: NA +/- NA
=====

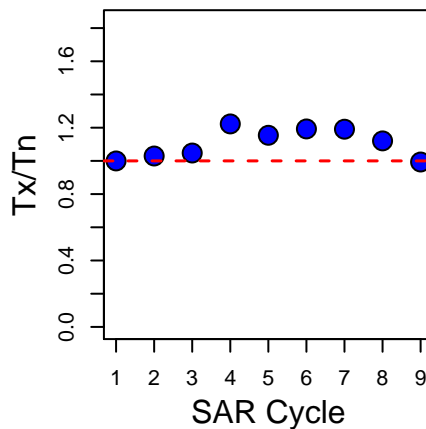
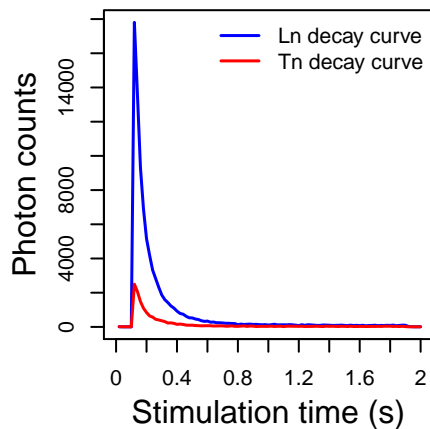
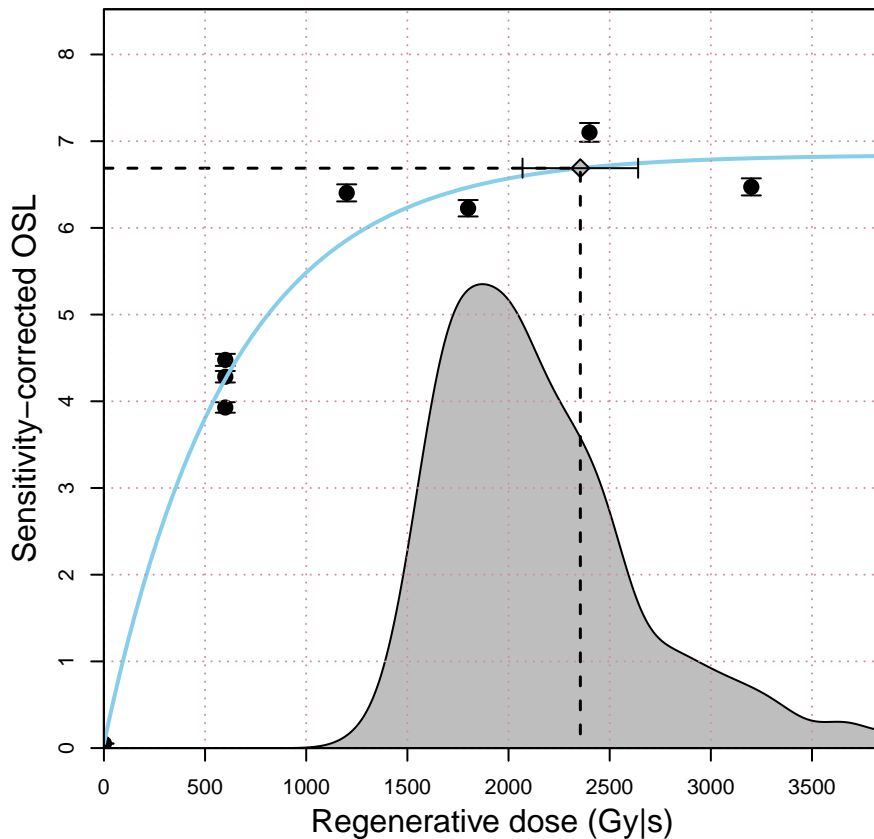
Recycling ratio 1: 0.92 +/- 0.04
Recycling ratio 2: 0.9 +/- 0.04
Recycling ratio 3: 0.98 +/- 0.04
=====

Recuperation 1: 0.58 +/- 0.05 (%)
Recuperation 2: 0.47 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 7.41
Average error in fit: 0.05
Reduced Chi-Square: 2.47
Figure Of Merit: 2.05 (%)
=====

calED method: Interpolation
MC acceptance-rate: 99.8 (%)
ED: 1374.93 +/- 108.4 (Gy/s)
RSE of ED: 7.88 (%)
95% interval: [1184.8, 1593.09]
68% interval: [1282.12, 1498.52]

Summary



ID: [NO=433, Position=9, Grain=33]

Status: OK

Tn: 7826 +/- 180.45

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 50.53 +/- 4.06

RSE of Tn: 2.31 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.88 +/- 0.04

Recycling ratio 2: 0.96 +/- 0.04

Recycling ratio 3: 1.09 +/- 0.05

Recuperation 1: 0.78 +/- 0.05 (%)

Recuperation 2: 0.73 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 25.51

Average error in fit: 0.11

Reduced Chi-Square: 8.5

Figure Of Merit: 5.42 (%)

calED method: Interpolation

MC acceptance-rate: 79.62 (%)

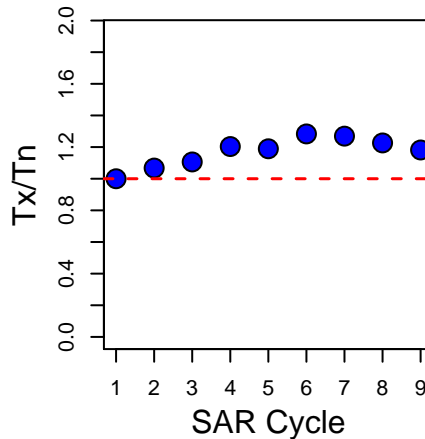
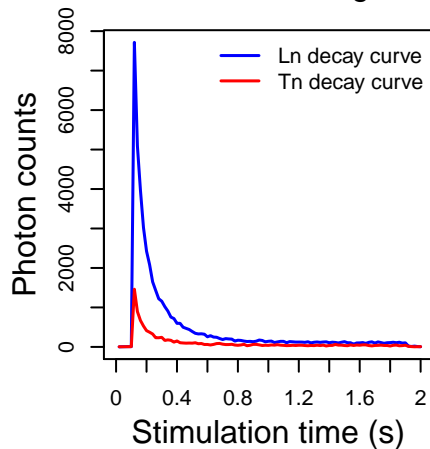
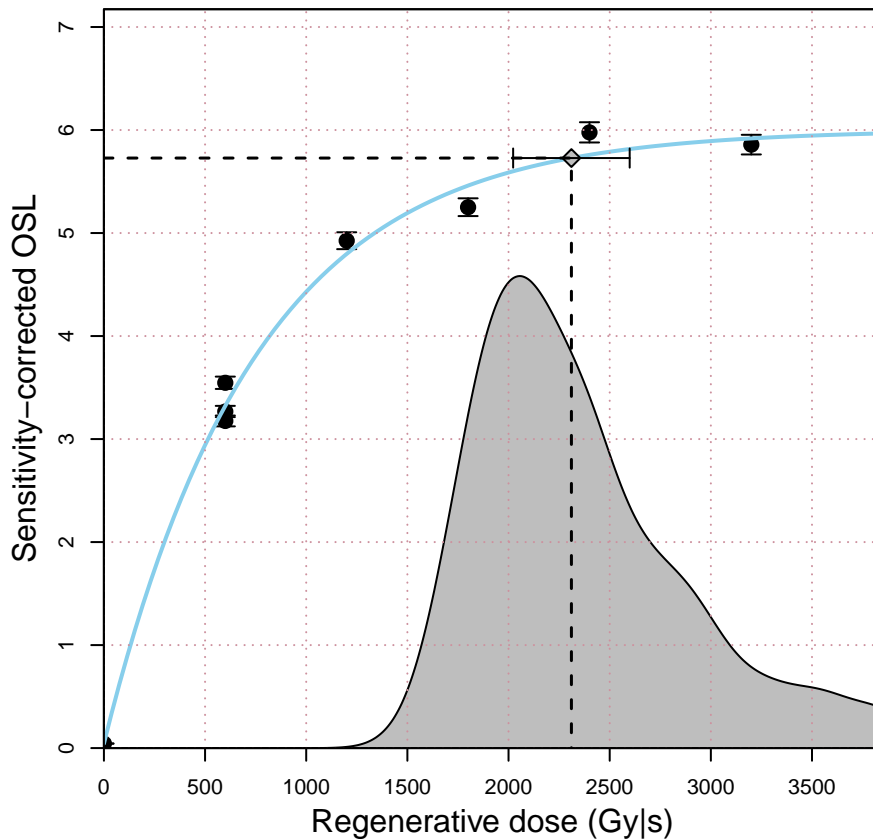
ED: 2354.89 +/- 571.49 (Gy/s)

RSE of ED: 24.27 (%)

95% interval: [1510.34, 3837.79]

68% interval: [1691.21, 2634.9]

Summary



ID: [NO=434, Position=9, Grain=34]

Status: OK

Tn: 3784 +/- 98.93

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.57 +/- 1.63

RSE of Tn: 2.61 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 0.77 +/- 0.08 (%)

Recuperation 2: 0.73 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 9.13

Average error in fit: 0.05

Reduced Chi-Square: 3.04

Figure Of Merit: 3.26 (%)

calED method: Interpolation

MC acceptance-rate: 85.18 (%)

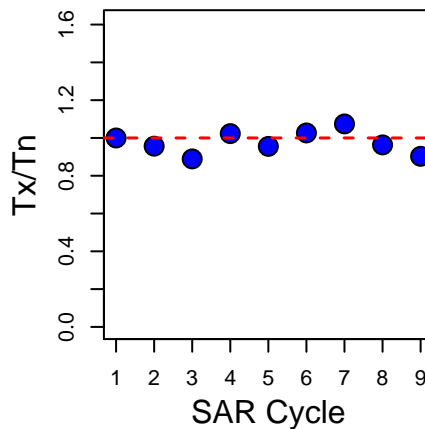
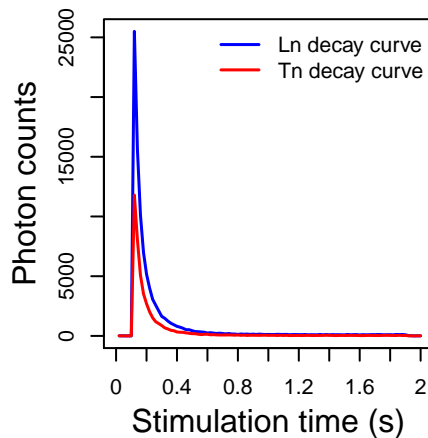
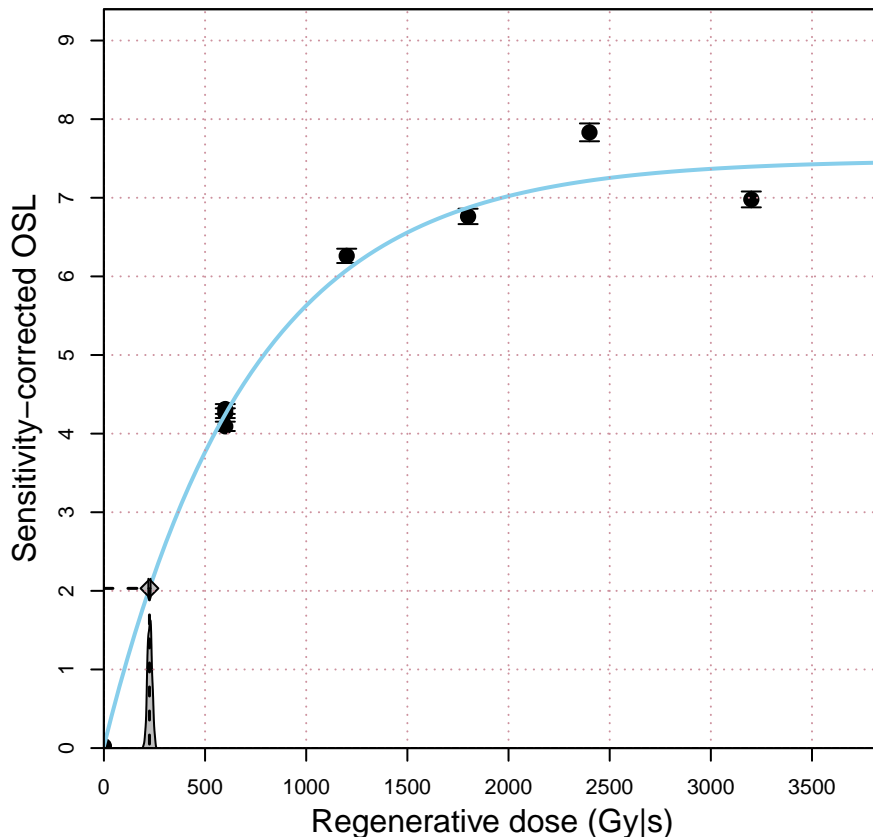
ED: 2310.81 +/- 575.93 (Gy/s)

RSE of ED: 24.92 (%)

95% interval: [1652.91, 3853.08]

68% interval: [1891.4, 2907.13]

Summary



ID: [NO=435, Position=9, Grain=35]

Status: OK

Tn: 30957.5 +/- 643.9

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 153.88 +/- 10.85

RSE of Tn: 2.08 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.04

Recycling ratio 2: 0.99 +/- 0.04

Recycling ratio 3: 1.04 +/- 0.04

Recuperation 1: 1.26 +/- 0.07 (%)

Recuperation 2: 0.33 +/- 0.02 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 14.9

Average error in fit: 0.1

Reduced Chi-Square: 4.97

Figure Of Merit: 3.86 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

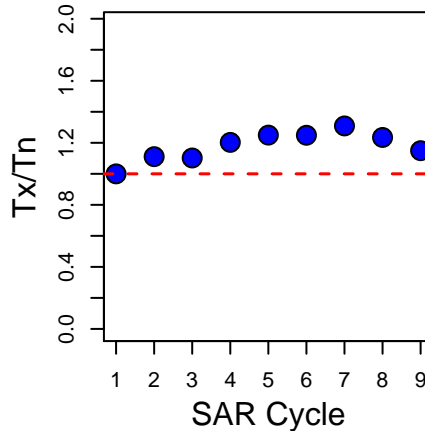
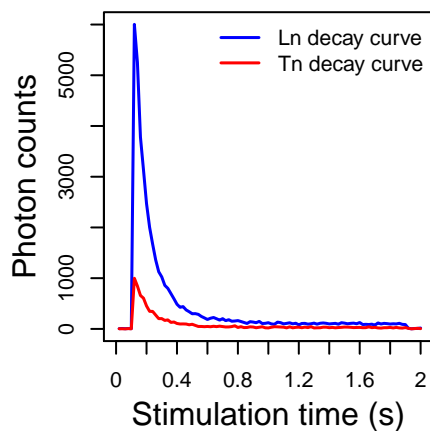
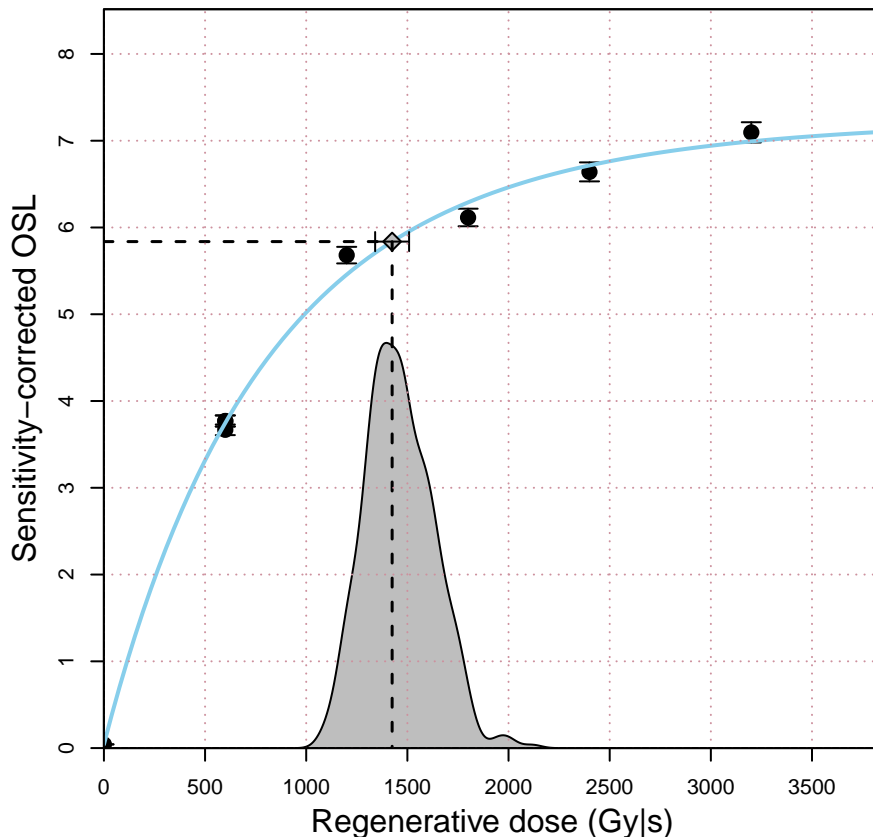
ED: 225.13 +/- 10.78 (Gy/s)

RSE of ED: 4.79 (%)

95% interval: [205.37, 247.68]

68% interval: [215.6, 237.92]

Summary



ID: [NO=436, Position=9, Grain=36]
=====

Status: OK
=====

Tn: 3449.5 +/- 91.52
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 31.94 +/- 3.07
RSE of Tn: 2.65 (%)
Fast ratio of Tn: NA +/- NA
=====

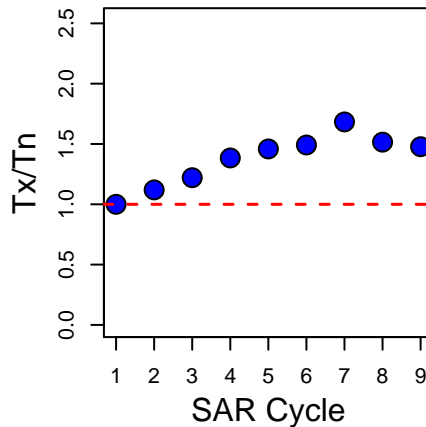
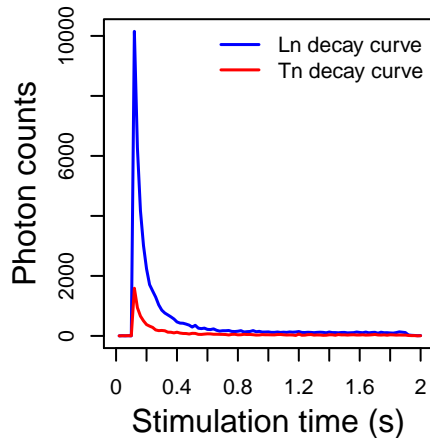
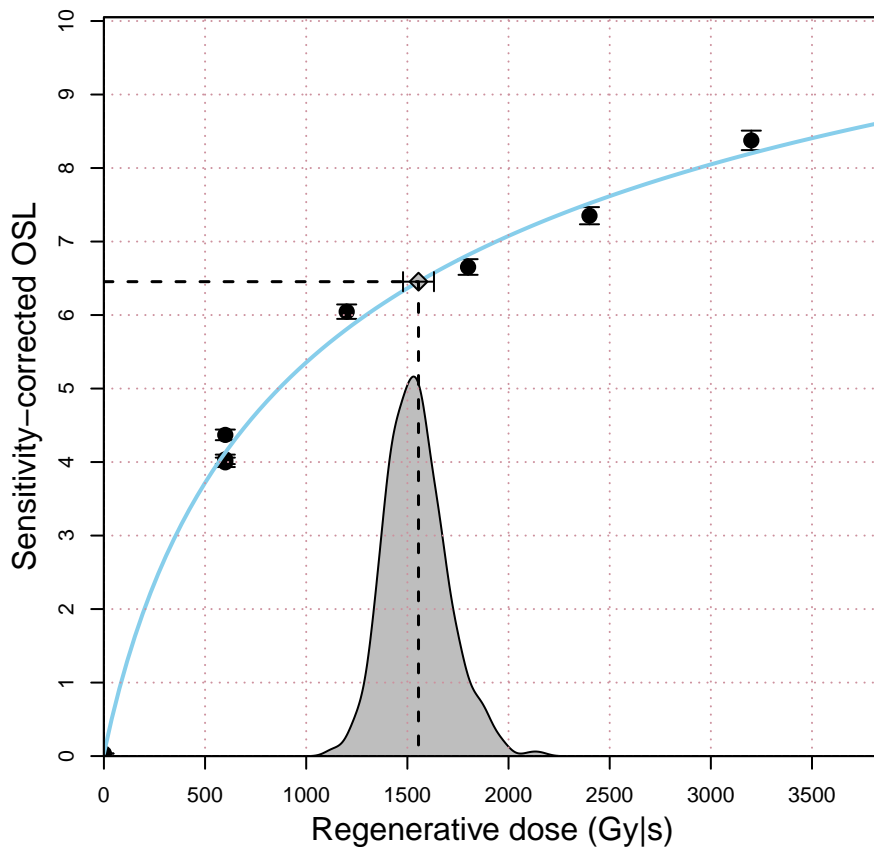
Recycling ratio 1: 0.97 +/- 0.05
Recycling ratio 2: 1 +/- 0.05
Recycling ratio 3: 1.03 +/- 0.05
=====

Recuperation 1: 0.73 +/- 0.08 (%)
Recuperation 2: 0.6 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2.93
Average error in fit: 0.04
Reduced Chi-Square: 0.98
Figure Of Merit: 1.91 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1424.57 +/- 167.82 (Gy/s)
RSE of ED: 11.78 (%)
95% interval: [1172.47, 1785.93]
68% interval: [1302.76, 1633.08]

Summary



ID: [NO=438, Position=9, Grain=38]

Status: OK

Tn: 3920 +/- 101.43

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.49 +/- 2.3

RSE of Tn: 2.59 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 0.54 +/- 0.05 (%)

Recuperation 2: 0.42 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.38

Average error in fit: 0.06

Reduced Chi-Square: 2.46

Figure Of Merit: 2.97 (%)

calED method: Interpolation

MC acceptance-rate: 97.28 (%)

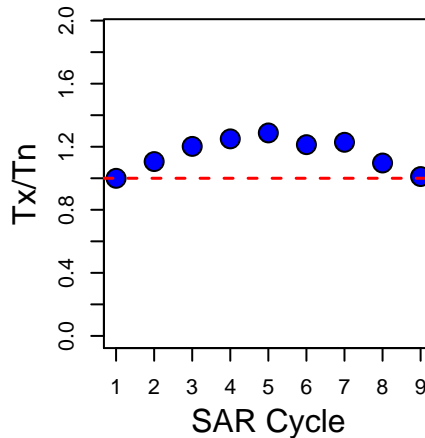
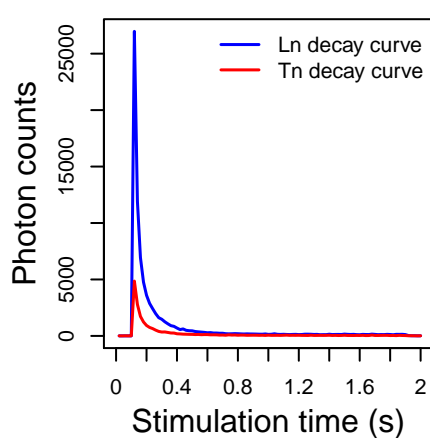
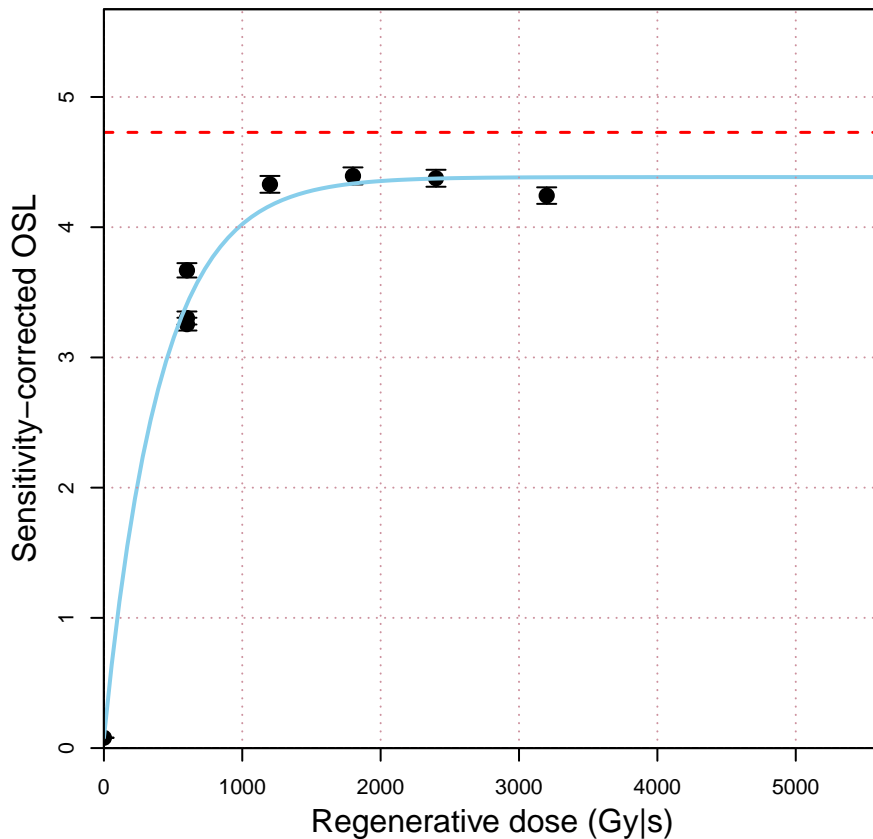
ED: 1554.95 +/- 152.9 (Gy|s)

RSE of ED: 9.83 (%)

95% interval: [1270.85, 1881.66]

68% interval: [1402.62, 1687.71]

Summary



ID: [NO=439, Position=9, Grain=39]

Status: Ln/Tn saturated

Tn: 11330.5 +/- 250.96

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 58.08 +/- 4.16

RSE of Tn: 2.21 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 1.01 +/- 0.04

Recuperation 1: 1.68 +/- 0.09 (%)

Recuperation 2: 1.81 +/- 0.1 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.19

Average error in fit: 0.05

Reduced Chi-Square: 4.06

Figure Of Merit: 3.22 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

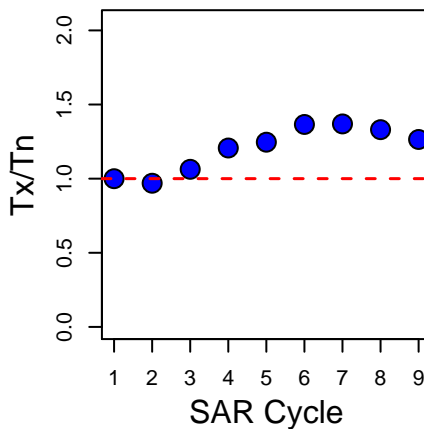
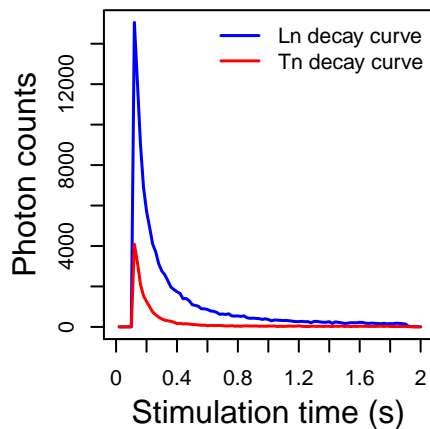
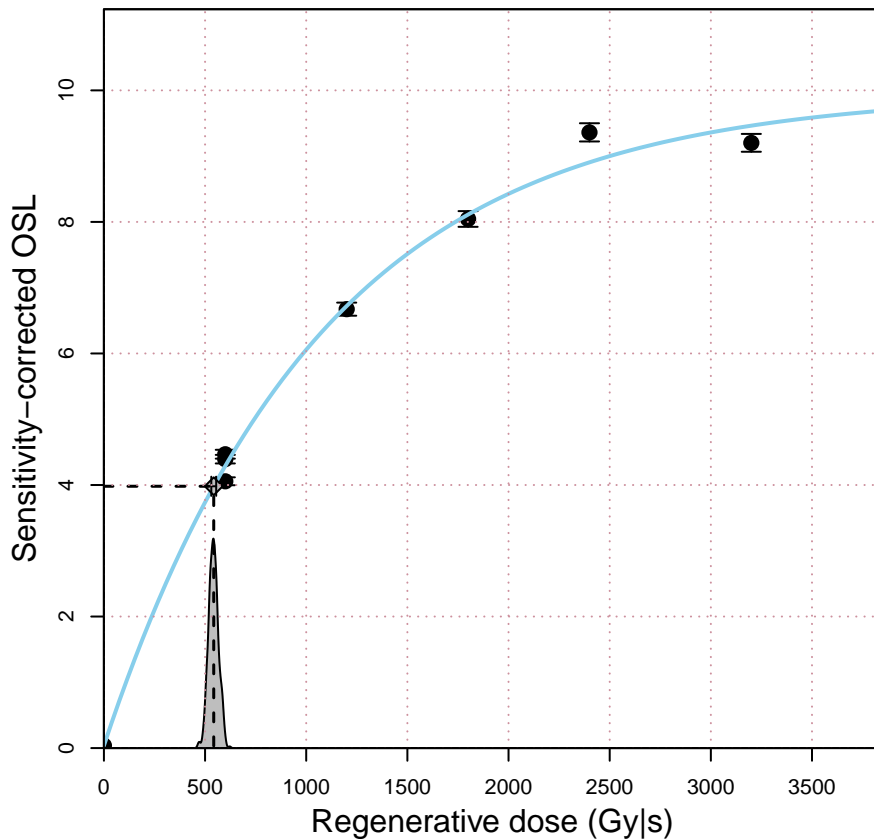
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=440, Position=9, Grain=40]
=====

Status: OK
=====

Tn: 12063 +/- 265.44
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 97.5 +/- 8.77
RSE of Tn: 2.2 (%)
Fast ratio of Tn: NA +/- NA
=====

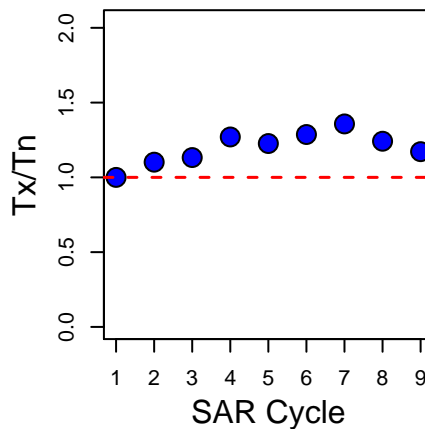
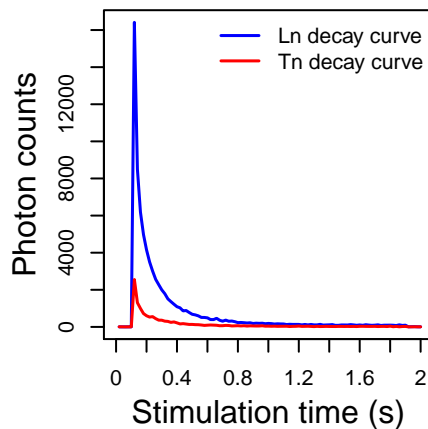
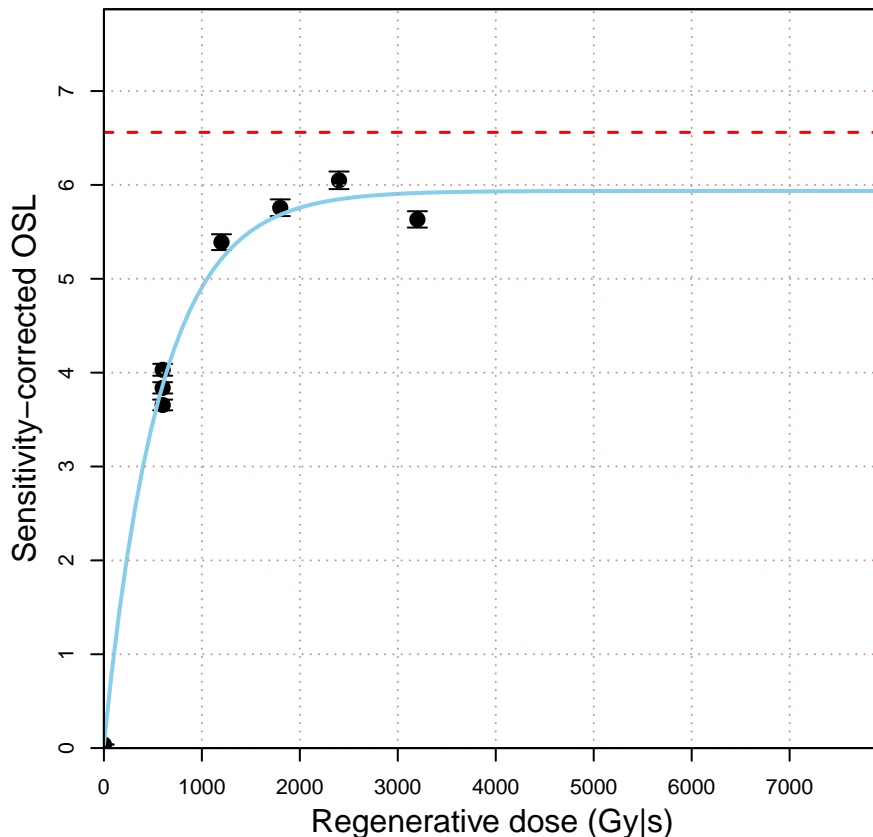
Recycling ratio 1: 0.91 +/- 0.04
Recycling ratio 2: 0.98 +/- 0.04
Recycling ratio 3: 1.08 +/- 0.05
=====

Recuperation 1: 0.98 +/- 0.06 (%)
Recuperation 2: 0.42 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 9.92
Average error in fit: 0.08
Reduced Chi-Square: 3.31
Figure Of Merit: 2.92 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 542.89 +/- 24.1 (Gy/s)
RSE of ED: 4.44 (%)
95% interval: [495.85, 588.56]
68% interval: [519.21, 565.52]

Summary



ID: [NO=441, Position=9, Grain=41]

Status: Ln/Tn saturated

Tn: 6062.5 +/- 144.68

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 55.37 +/- 5.29

RSE of Tn: 2.39 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.58 +/- 0.05 (%)

Recuperation 2: 0.63 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.27

Average error in fit: 0.06

Reduced Chi-Square: 3.42

Figure Of Merit: 3.33 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

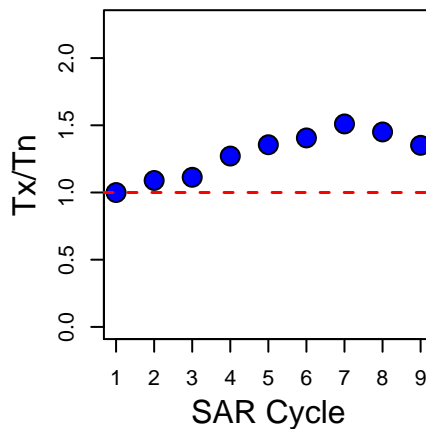
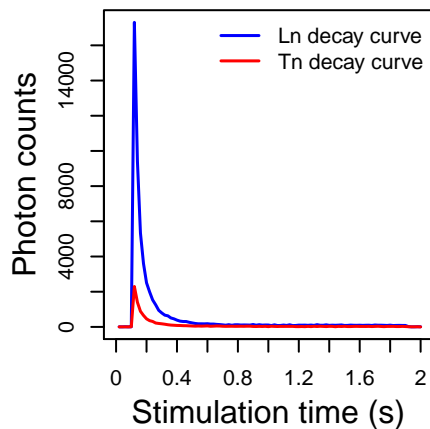
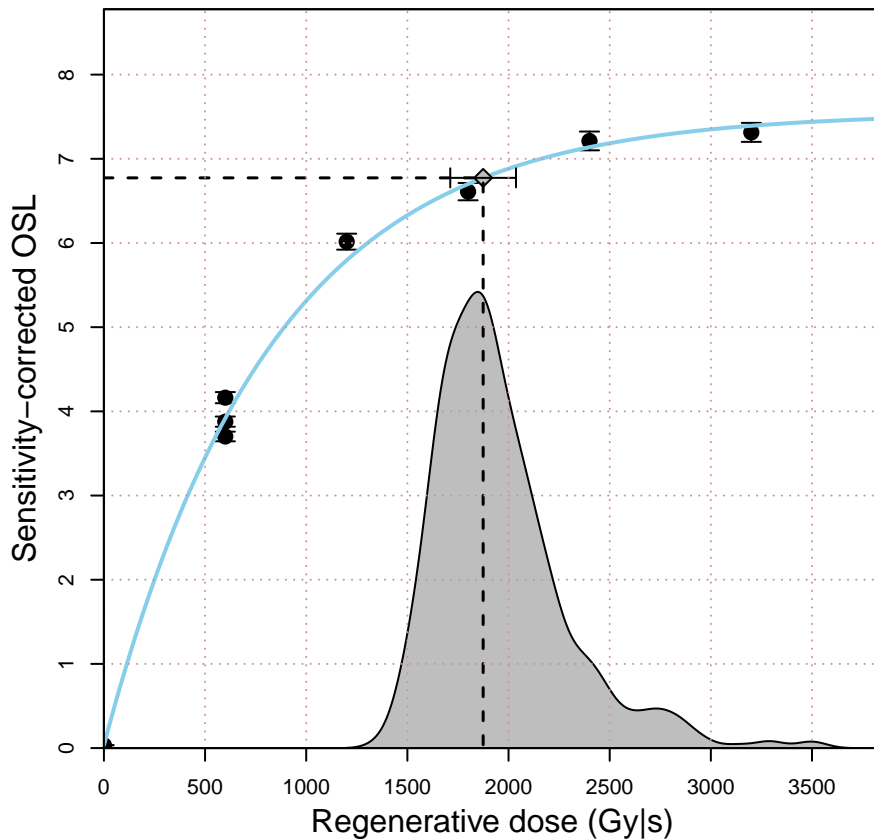
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=442, Position=9, Grain=42]

Status: OK

Tn: 5570.5 \pm 134.81

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 45.04 \pm 4.05

RSE of Tn: 2.42 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.89 \pm 0.04

Recycling ratio 2: 0.93 \pm 0.04

Recycling ratio 3: 1.05 \pm 0.05

Recuperation 1: 0.5 \pm 0.04 (%)

Recuperation 2: 0.46 \pm 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 8.88

Average error in fit: 0.05

Reduced Chi-Square: 2.96

Figure Of Merit: 2.49 (%)

calED method: Interpolation

MC acceptance-rate: 98.81 (%)

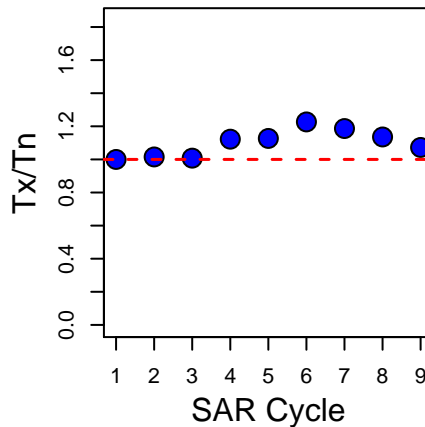
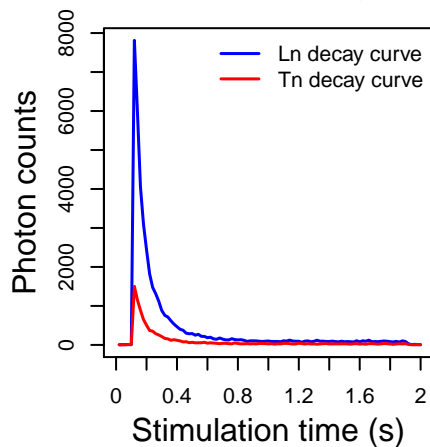
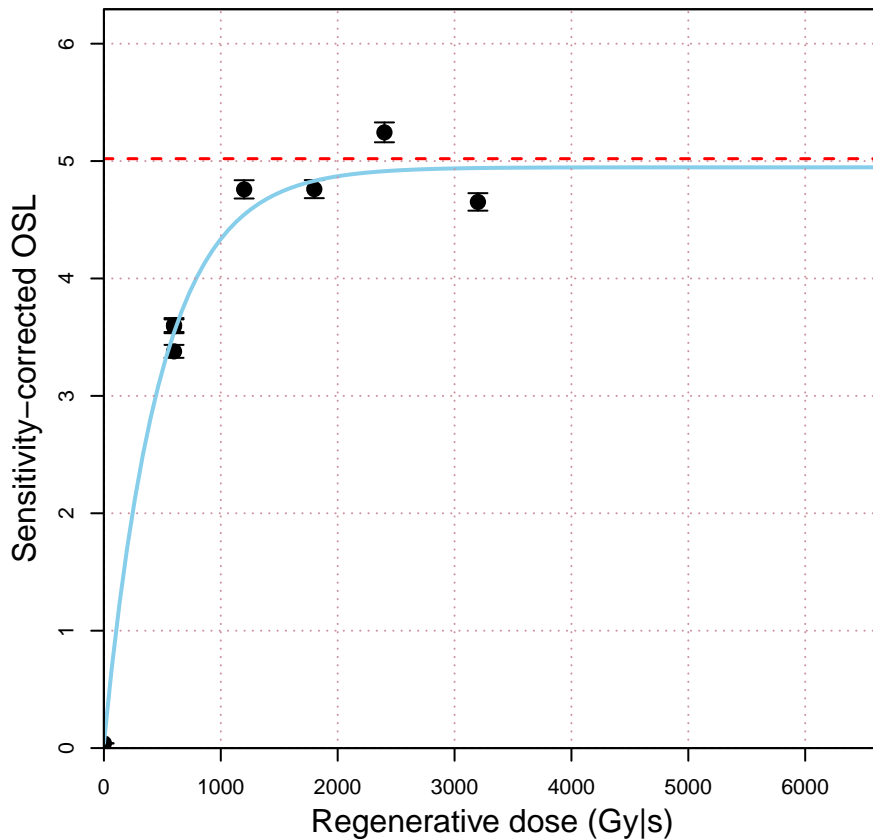
ED: 1874.46 \pm 324.98 (Gy/s)

RSE of ED: 17.34 (%)

95% interval: [1509.9, 2810.87]

68% interval: [1674.65, 2222.78]

Summary



ID: [NO=443, Position=9, Grain=43]

Status: Ln/Tn saturated

Tn: 4573.5 +/- 114.61

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.05 +/- 3.2

RSE of Tn: 2.51 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 1 +/- 0.05

Recycling ratio 3: 1.06 +/- 0.05

Recuperation 1: 0.81 +/- 0.08 (%)

Recuperation 2: 0.77 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.31

Average error in fit: 0.07

Reduced Chi-Square: 4.1

Figure Of Merit: 3.95 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

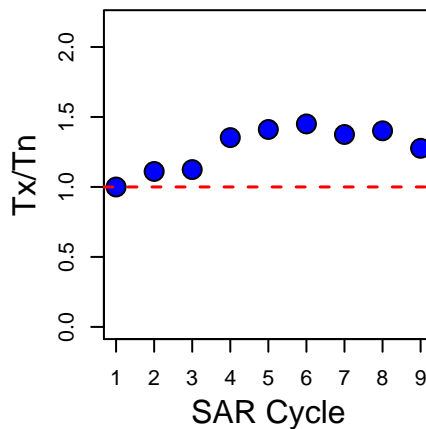
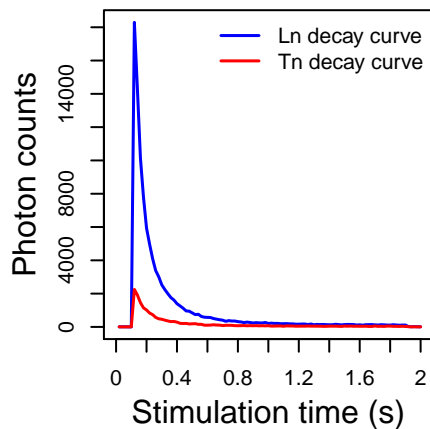
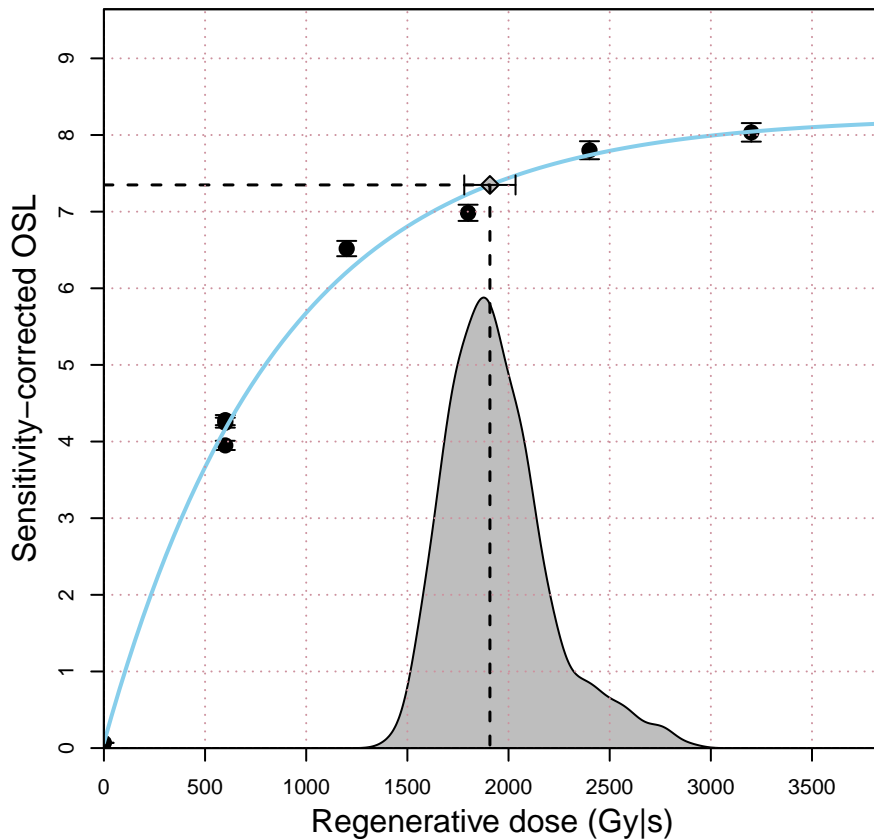
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=444, Position=9, Grain=44]

Status: OK

Tn: 7599 \pm 175.97

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 43.22 \pm 3.26

RSE of Tn: 2.32 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.99 \pm 0.04

Recycling ratio 3: 1.08 \pm 0.05

Recuperation 1: 0.93 \pm 0.06 (%)

Recuperation 2: 0.85 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 8.18

Average error in fit: 0.06

Reduced Chi-Square: 2.73

Figure Of Merit: 2.48 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

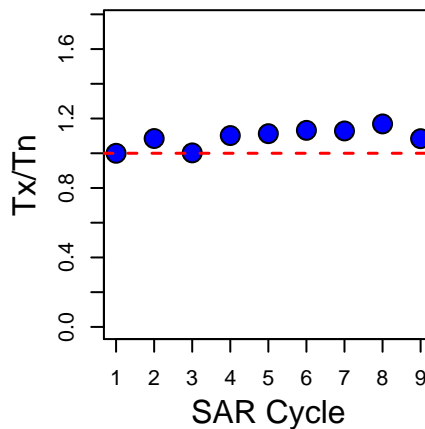
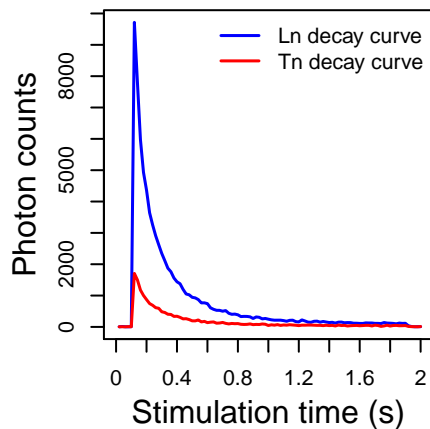
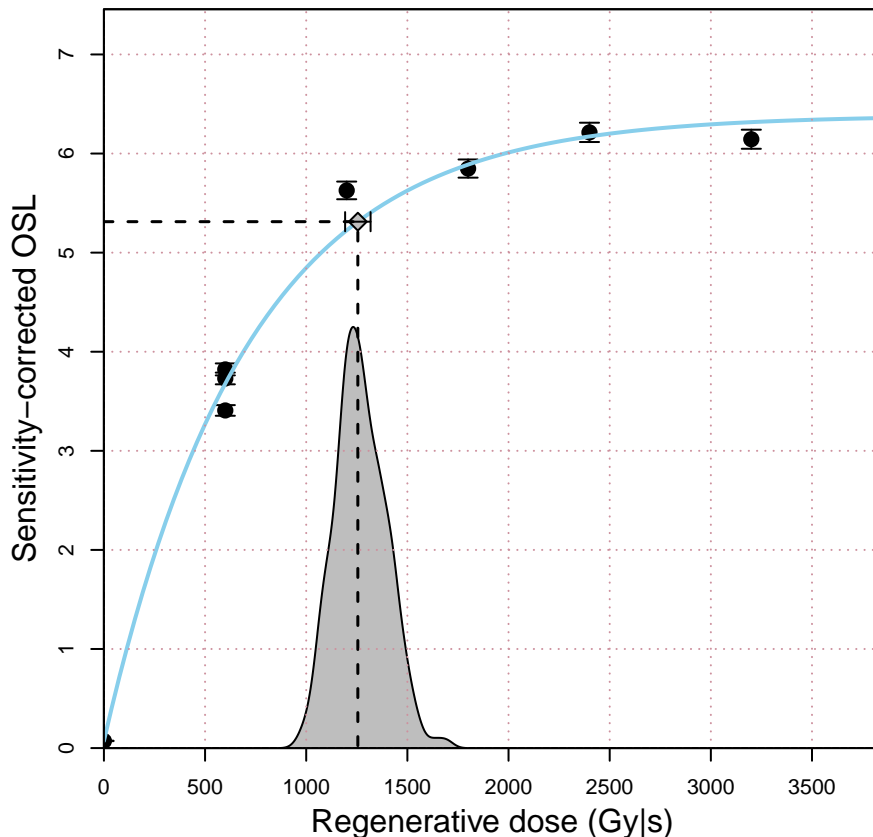
ED: 1907.94 \pm 253.44 (Gy/s)

RSE of ED: 13.28 (%)

95% interval: [1554.75, 2589.45]

68% interval: [1709.63, 2156.61]

Summary



ID: [NO=445, Position=9, Grain=45]

Status: OK

Tn: 6064 +/- 145.13

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.42 +/- 2.37

RSE of Tn: 2.39 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.98 +/- 0.04

Recycling ratio 3: 1.09 +/- 0.05

Recuperation 1: 1.36 +/- 0.09 (%)

Recuperation 2: 1.16 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 13.98

Average error in fit: 0.07

Reduced Chi-Square: 4.66

Figure Of Merit: 3.23 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

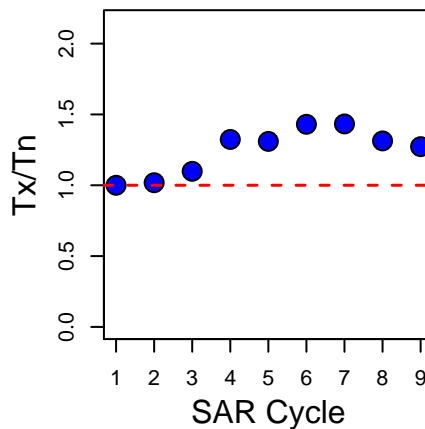
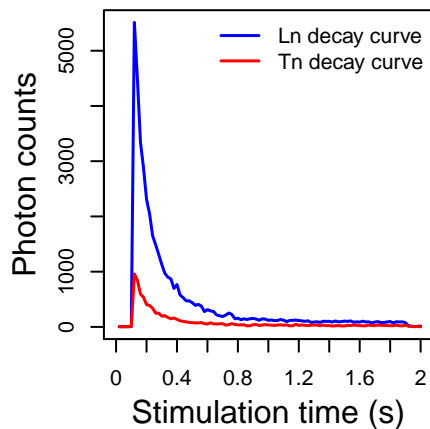
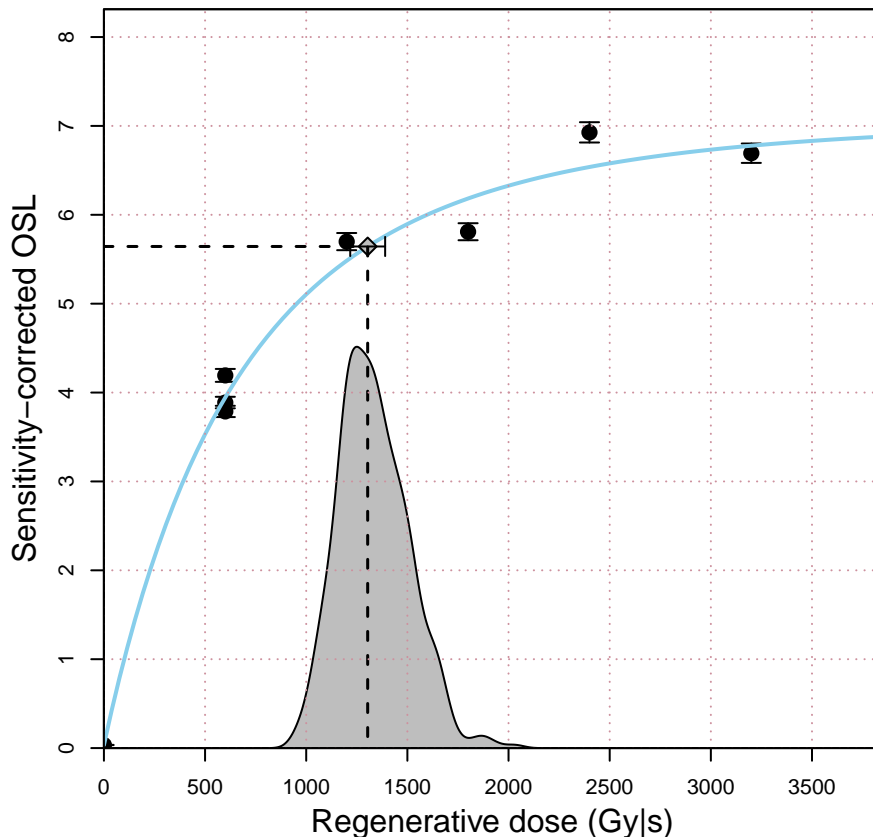
ED: 1255.18 +/- 125.93 (Gy/s)

RSE of ED: 10.03 (%)

95% interval: [1050.53, 1521.19]

68% interval: [1151.33, 1403.4]

Summary



ID: [NO=446, Position=9, Grain=46]

Status: OK

Tn: 3208.5 +/- 86.73

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 25.59 +/- 2.28

RSE of Tn: 2.7 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 0.9 +/- 0.04

Recycling ratio 3: 0.97 +/- 0.05

Recuperation 1: 0.61 +/- 0.06 (%)

Recuperation 2: 0.5 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.77

Average error in fit: 0.08

Reduced Chi-Square: 4.26

Figure Of Merit: 4.14 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

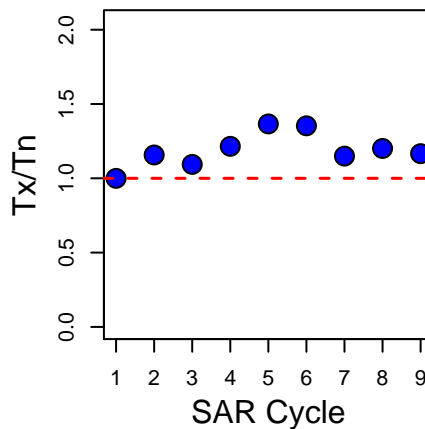
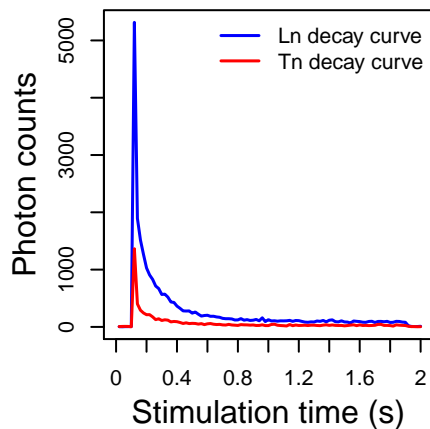
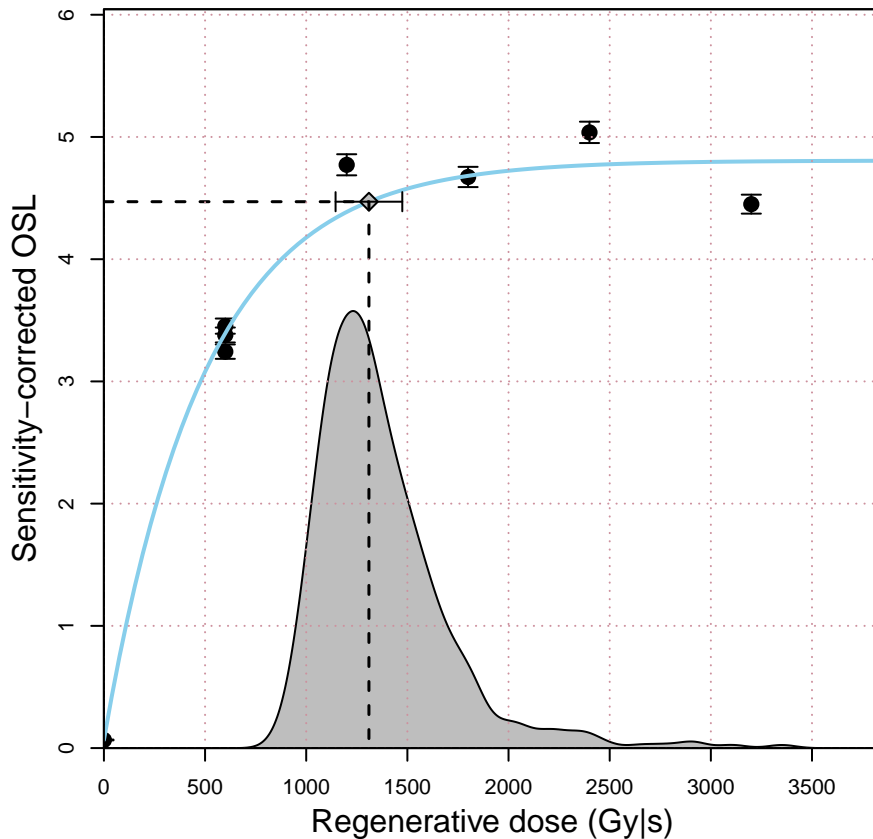
ED: 1303.83 +/- 172.48 (Gy/s)

RSE of ED: 13.23 (%)

95% interval: [1041.31, 1681.01]

68% interval: [1175.5, 1507.64]

Summary



ID: [NO=447, Position=9, Grain=47]

Status: OK

Tn: 2365 +/- 69.45

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 17.09 +/- 1.45

RSE of Tn: 2.94 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.02 +/- 0.05

Recycling ratio 2: 0.96 +/- 0.05

Recycling ratio 3: 0.94 +/- 0.05

Recuperation 1: 1.49 +/- 0.16 (%)

Recuperation 2: 1.32 +/- 0.14 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 14.29

Average error in fit: 0.08

Reduced Chi-Square: 4.76

Figure Of Merit: 4.28 (%)

calED method: Interpolation

MC acceptance-rate: 94.16 (%)

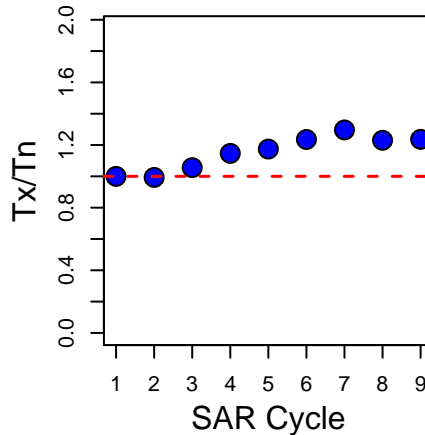
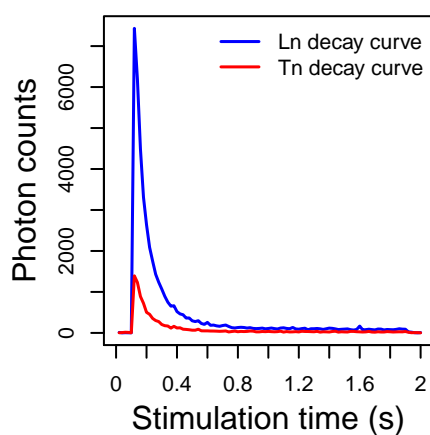
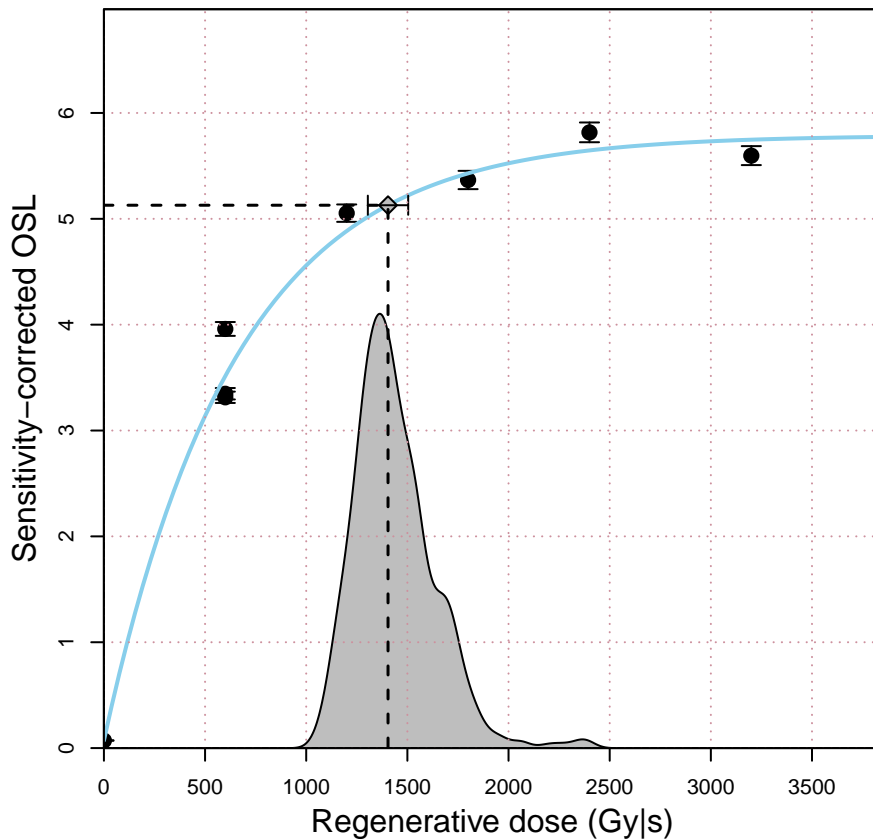
ED: 1309.99 +/- 329.77 (Gy/s)

RSE of ED: 25.17 (%)

95% interval: [971.67, 2245.38]

68% interval: [1101.99, 1629.93]

Summary



ID: [NO=448, Position=9, Grain=48]

Status: OK

Tn: 4606 +/- 115.29

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.63 +/- 3.13

RSE of Tn: 2.5 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.85 +/- 0.04

Recycling ratio 2: 0.84 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.05

Recuperation 1: 1.39 +/- 0.11 (%)

Recuperation 2: 1.23 +/- 0.09 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 20.26

Average error in fit: 0.07

Reduced Chi-Square: 6.75

Figure Of Merit: 4.23 (%)

calED method: Interpolation

MC acceptance-rate: 98.81 (%)

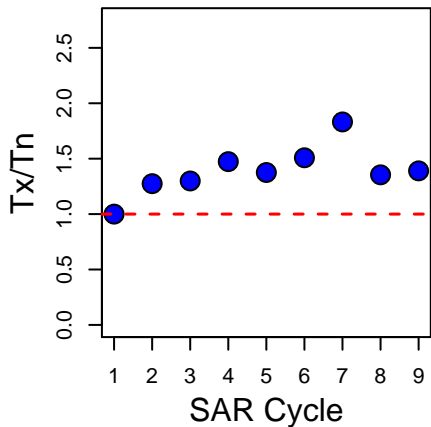
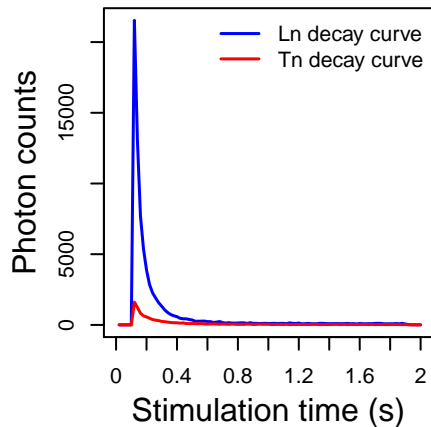
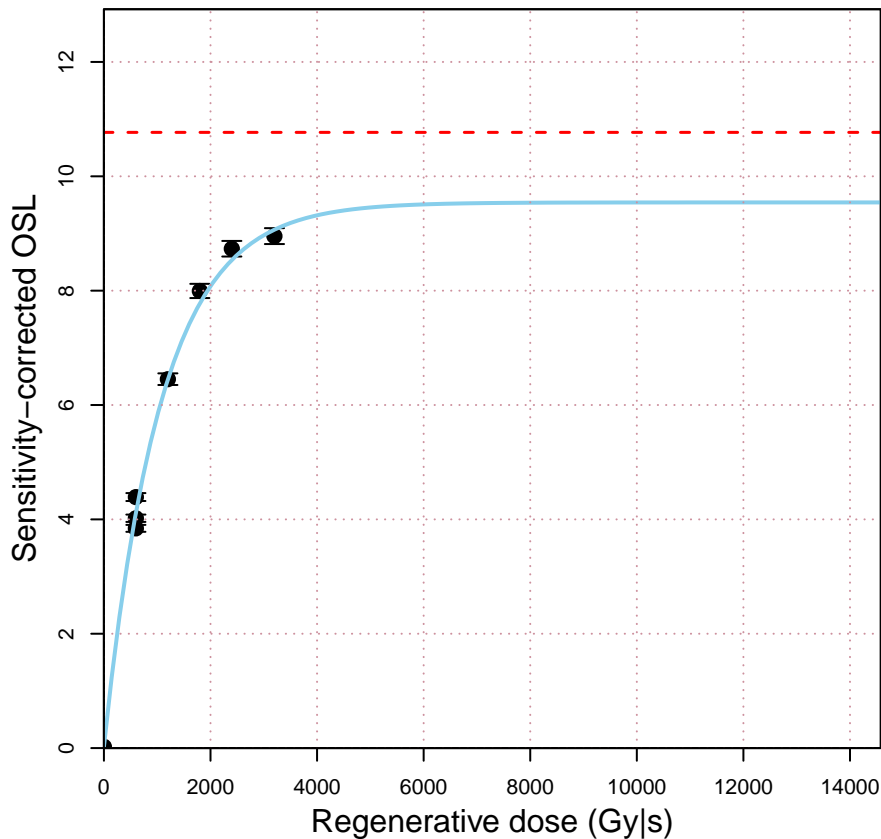
ED: 1404.33 +/- 199.41 (Gy/s)

RSE of ED: 14.2 (%)

95% interval: [1141.51, 1852.34]

68% interval: [1258.96, 1628.09]

Summary



ID: [NO=449, Position=9, Grain=49]

Status: Ln/Tn saturated

Tn: 4747 +/- 118.13

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 37.8 +/- 3.37

RSE of Tn: 2.49 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.09 +/- 0.05

Recycling ratio 2: 0.96 +/- 0.04

Recycling ratio 3: 0.88 +/- 0.04

Recuperation 1: 0.22 +/- 0.02 (%)

Recuperation 2: 0.27 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.95

Average error in fit: 0.06

Reduced Chi-Square: 3.65

Figure Of Merit: 2.66 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

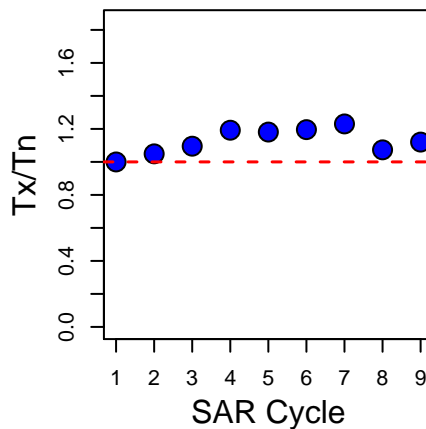
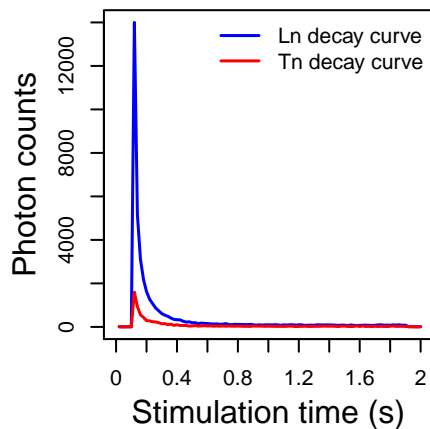
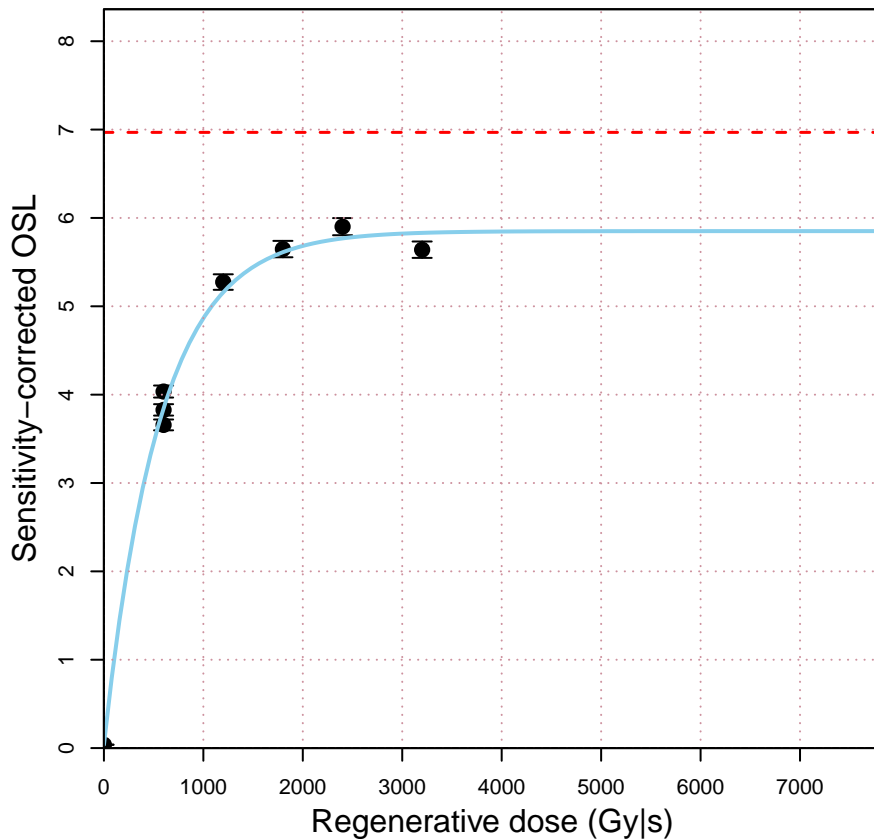
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=450, Position=9, Grain=50]

Status: Ln/Tn saturated

Tn: 3678.5 +/- 96.37

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 29.19 +/- 2.6

RSE of Tn: 2.62 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 0.96 +/- 0.05

Recuperation 1: 0.55 +/- 0.06 (%)

Recuperation 2: 0.65 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.3

Average error in fit: 0.05

Reduced Chi-Square: 2.1

Figure Of Merit: 2.56 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

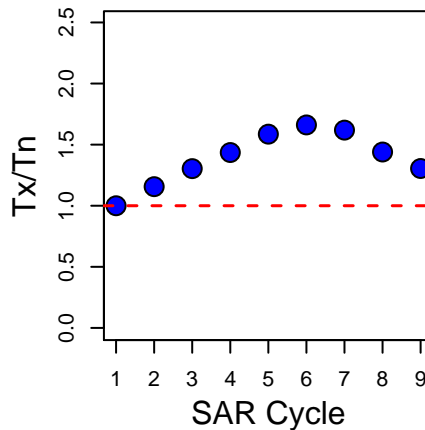
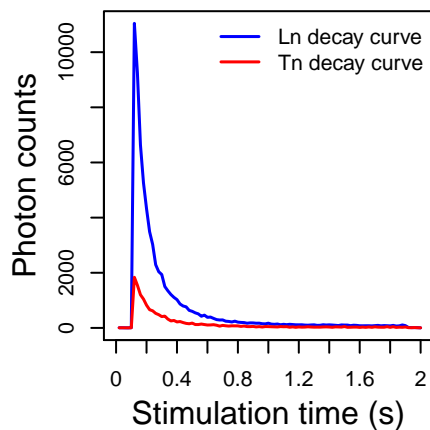
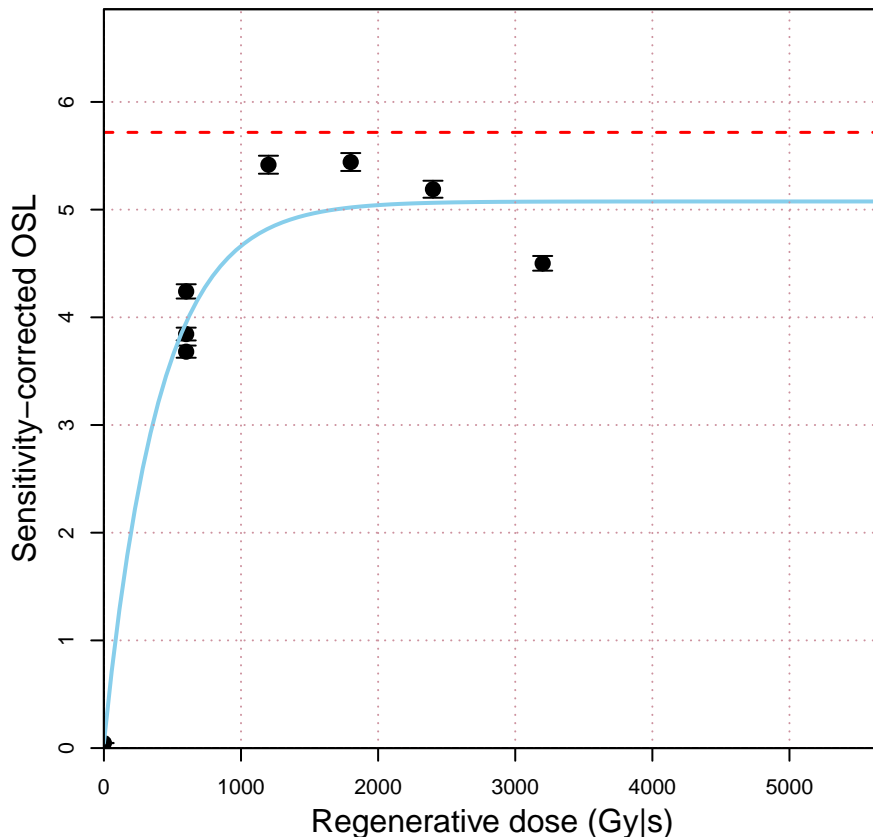
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=451, Position=9, Grain=51]

Status: Ln/Tn saturated

Tn: 6312.5 +/- 149.88

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 45.3 +/- 3.84

RSE of Tn: 2.37 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 1.04 +/- 0.05

Recuperation 1: 0.82 +/- 0.06 (%)

Recuperation 2: 0.86 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 48.65

Average error in fit: 0.13

Reduced Chi-Square: 16.22

Figure Of Merit: 7.47 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

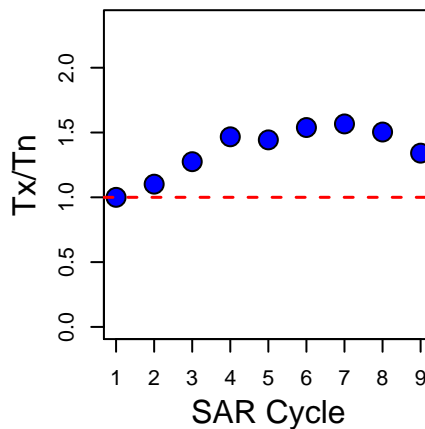
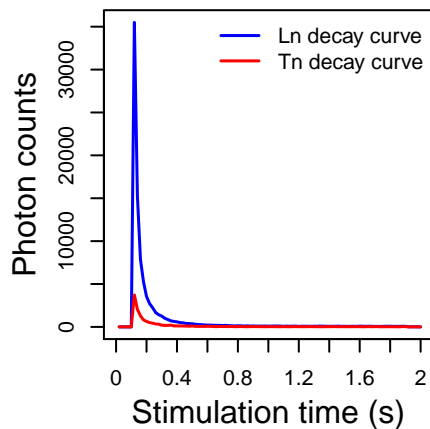
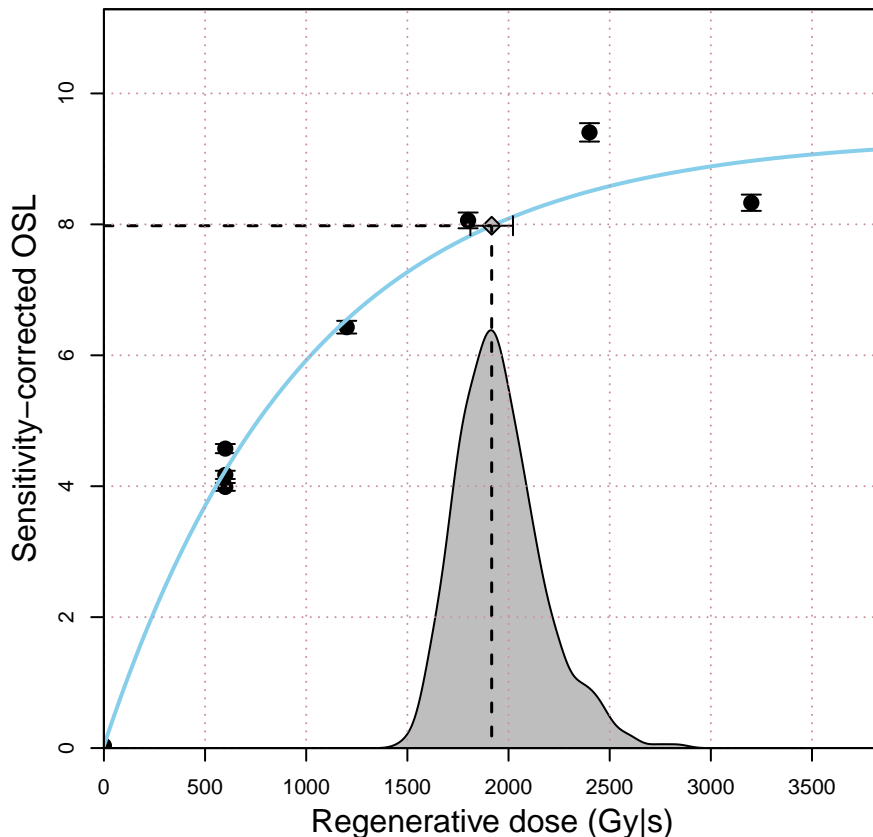
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=452, Position=9, Grain=52]

Status: OK

Tn: 8407.5 +/- 191.98

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 72.55 +/- 6.74

RSE of Tn: 2.28 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.04

Recuperation 1: 0.46 +/- 0.03 (%)

Recuperation 2: 0.39 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 28.72

Average error in fit: 0.15

Reduced Chi-Square: 9.57

Figure Of Merit: 5.73 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

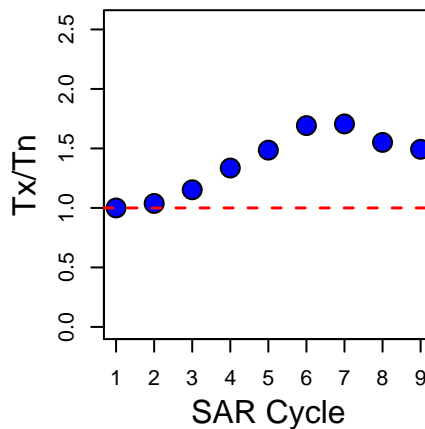
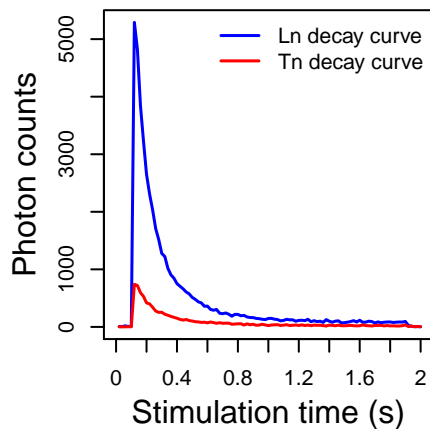
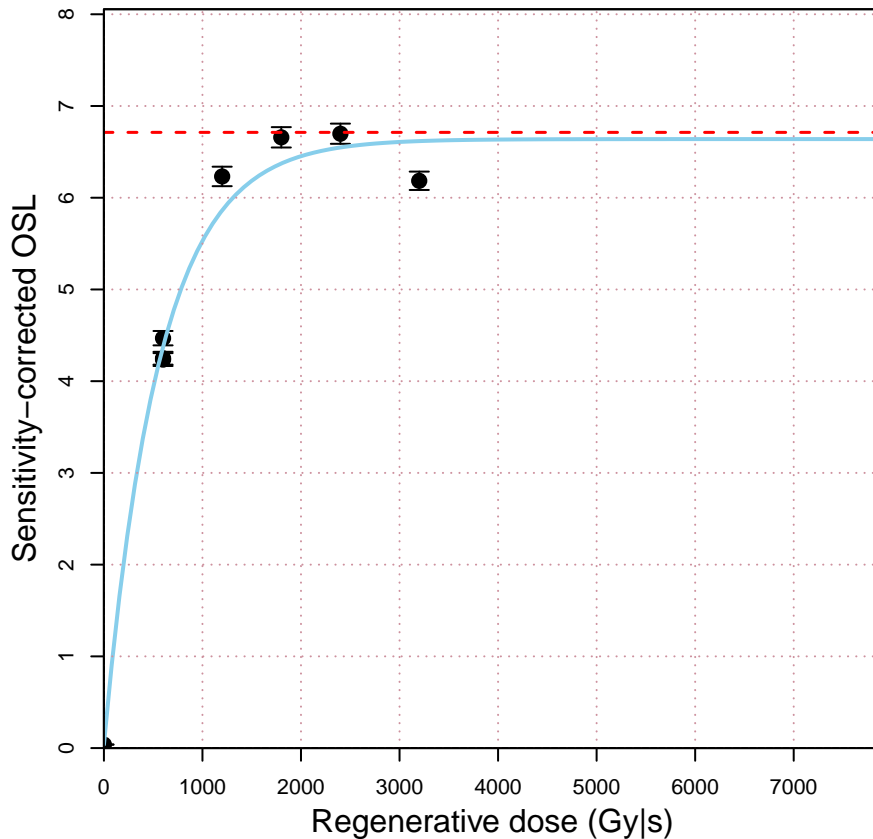
ED: 1916.64 +/- 210.68 (Gy/s)

RSE of ED: 10.99 (%)

95% interval: [1613.1, 2442.2]

68% interval: [1759.56, 2148.67]

Summary



ID: [NO=453, Position=9, Grain=53]

Status: Ln/Tn saturated

Tn: 2893 +/- 80.03

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.54 +/- 2.69

RSE of Tn: 2.77 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 0.95 +/- 0.05

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 0.57 +/- 0.06 (%)

Recuperation 2: 0.57 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 11.95

Average error in fit: 0.09

Reduced Chi-Square: 3.98

Figure Of Merit: 4.14 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

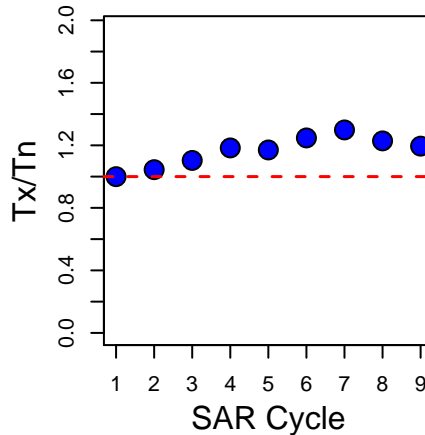
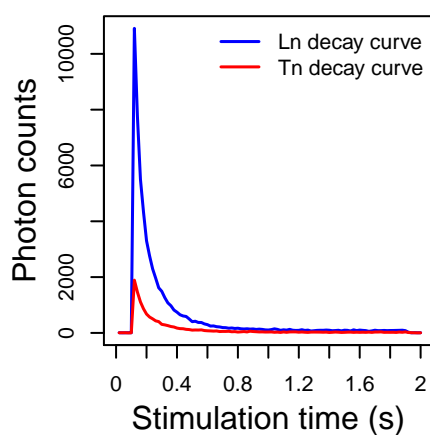
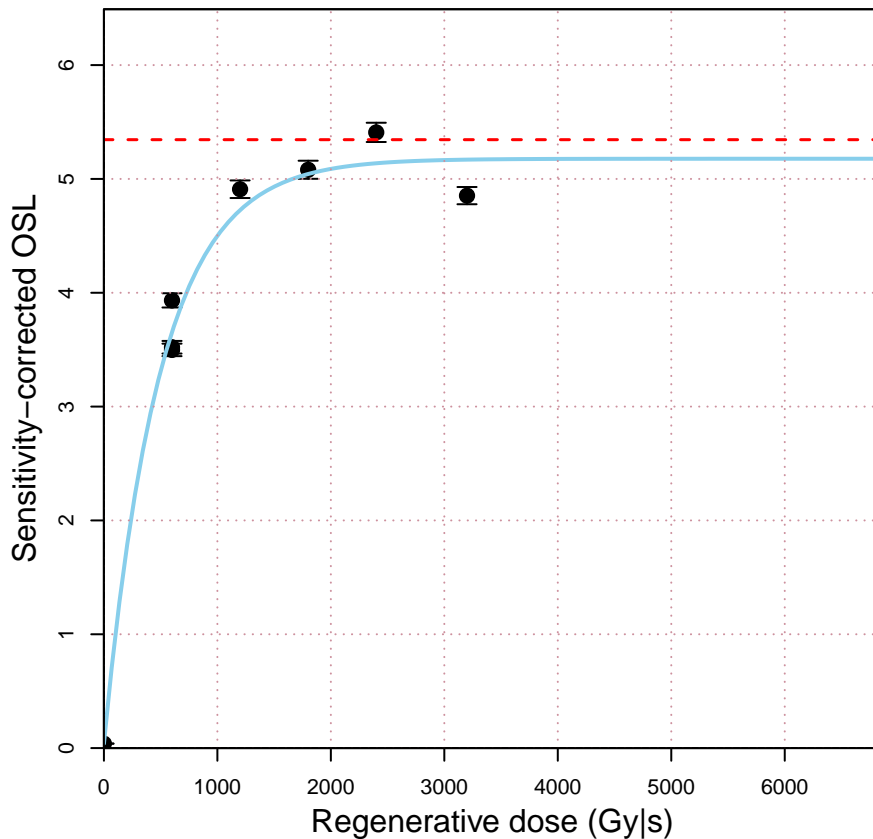
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=454, Position=9, Grain=54]

Status: Ln/Tn saturated

Tn: 5871.5 \pm 140.92

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 45.65 \pm 4.02

RSE of Tn: 2.4 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.89 \pm 0.04

Recycling ratio 2: 0.9 \pm 0.04

Recycling ratio 3: 1.01 \pm 0.04

Recuperation 1: 0.73 \pm 0.06 (%)

Recuperation 2: 0.73 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 16.85

Average error in fit: 0.07

Reduced Chi-Square: 5.62

Figure Of Merit: 4.43 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

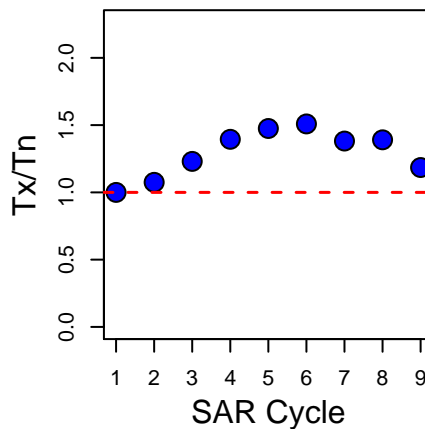
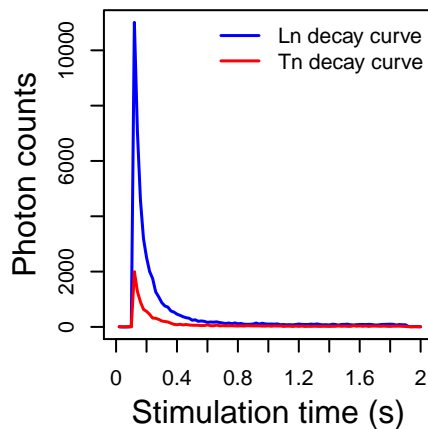
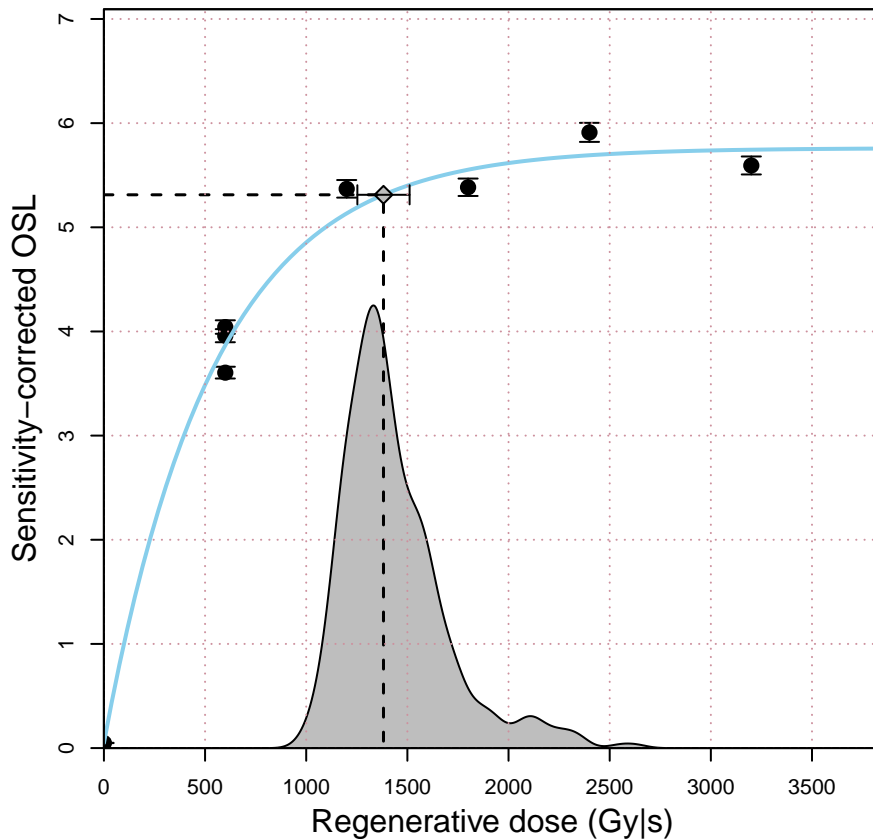
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=455, Position=9, Grain=55]
=====

Status: OK
=====

Tn: 5258.5 +/- 128.44
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 45.38 +/- 4.21
RSE of Tn: 2.44 (%)
Fast ratio of Tn: NA +/- NA
=====

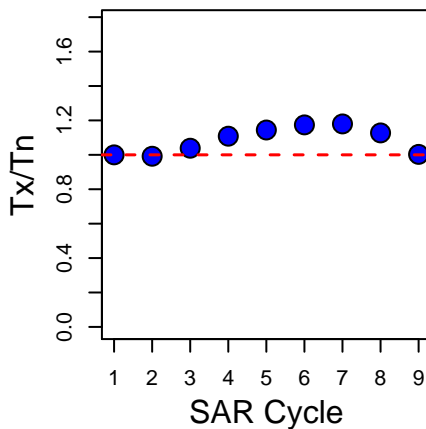
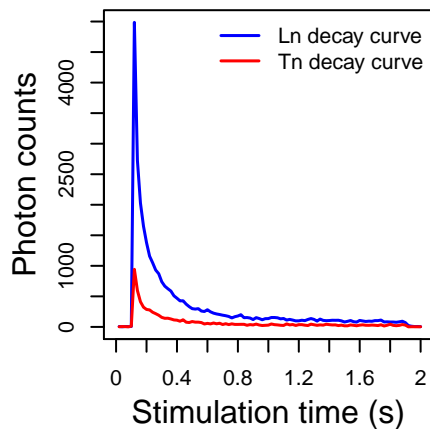
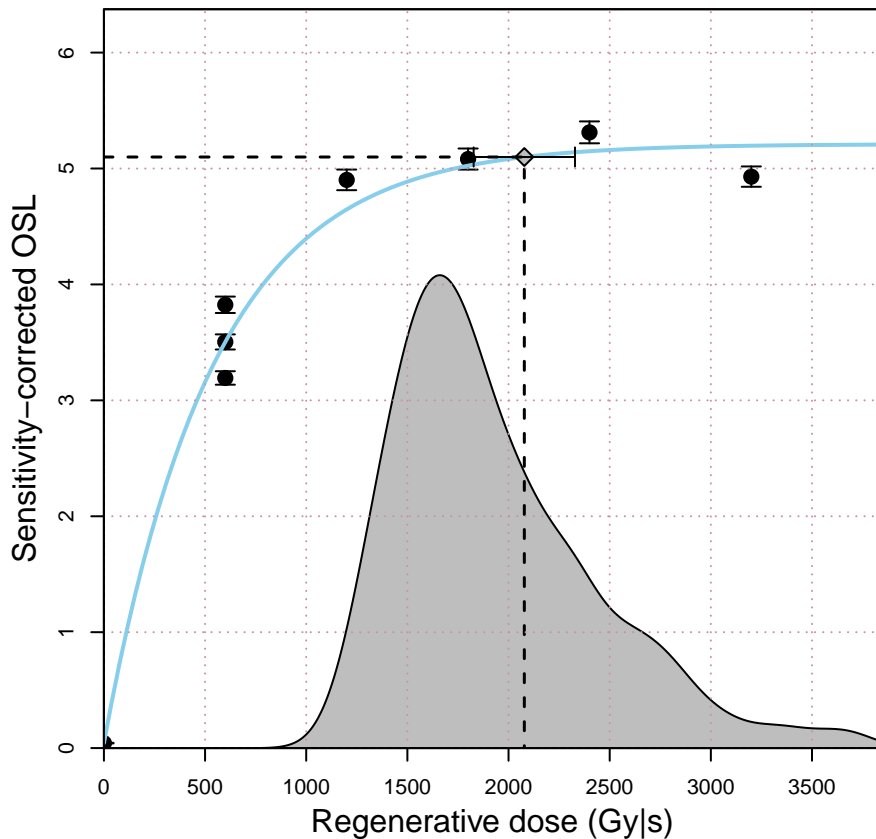
Recycling ratio 1: 0.89 +/- 0.04
Recycling ratio 2: 0.98 +/- 0.04
Recycling ratio 3: 1.1 +/- 0.05
=====

Recuperation 1: 0.92 +/- 0.07 (%)
Recuperation 2: 0.83 +/- 0.06 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 12.96
Average error in fit: 0.06
Reduced Chi-Square: 4.32
Figure Of Merit: 3.86 (%)
=====

calED method: Interpolation
MC acceptance-rate: 98.04 (%)
ED: 1381.91 +/- 258.22 (Gy/s)
RSE of ED: 18.69 (%)
95% interval: [1095.71, 2141.66]
68% interval: [1212.02, 1638.73]

Summary



ID: [NO=456, Position=9, Grain=56]

Status: OK

Tn: 2419.5 +/- 70.51

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 18.22 +/- 1.58

RSE of Tn: 2.91 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.83 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 1.1 +/- 0.06

Recuperation 1: 0.84 +/- 0.12 (%)

Recuperation 2: 0.8 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 17.5

Average error in fit: 0.08

Reduced Chi-Square: 5.83

Figure Of Merit: 4.49 (%)

calED method: Interpolation

MC acceptance-rate: 76.1 (%)

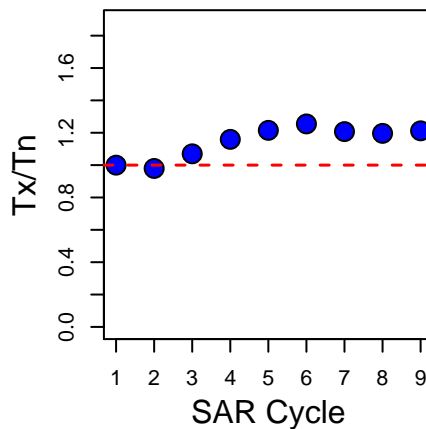
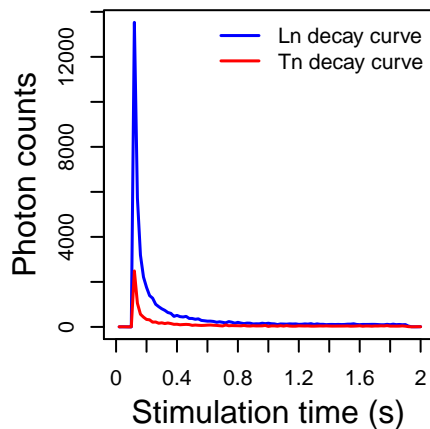
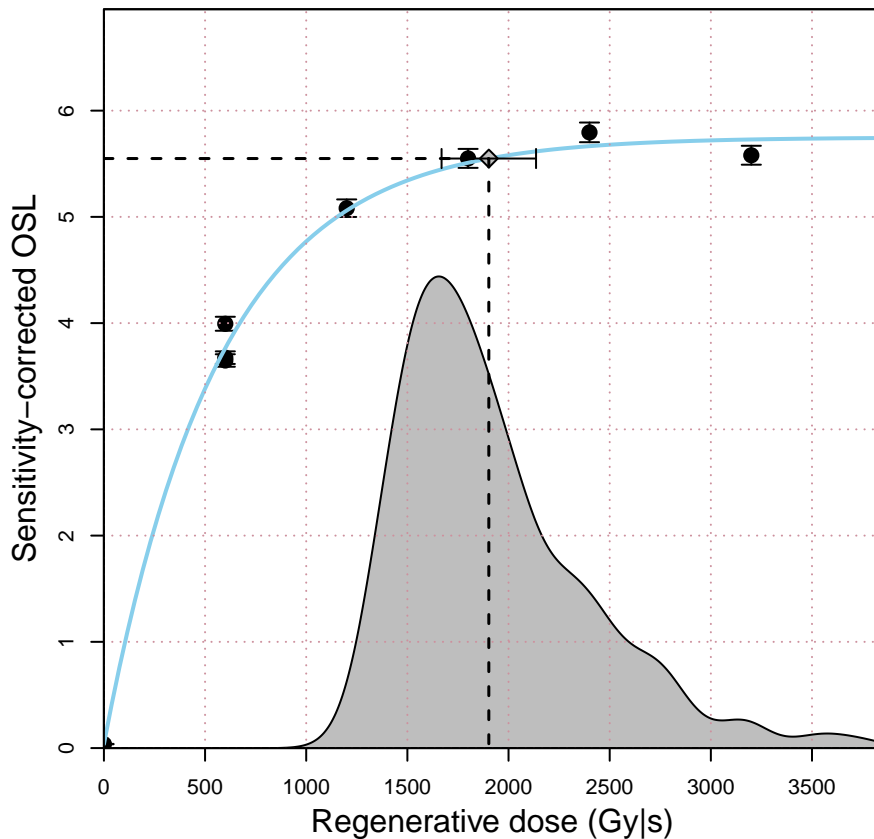
ED: 2077.95 +/- 501.12 (Gy/s)

RSE of ED: 24.12 (%)

95% interval: [1269.59, 3209.64]

68% interval: [1490.57, 2417.59]

Summary



ID: [NO=457, Position=9, Grain=57]

Status: OK

Tn: 4667.5 \pm 116.97

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 24.28 \pm 1.75

RSE of Tn: 2.51 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.91 \pm 0.04

Recycling ratio 3: 0.99 \pm 0.05

Recuperation 1: 0.68 \pm 0.08 (%)

Recuperation 2: 0.65 \pm 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.84

Average error in fit: 0.04

Reduced Chi-Square: 1.95

Figure Of Merit: 2.33 (%)

calED method: Interpolation

MC acceptance-rate: 85.91 (%)

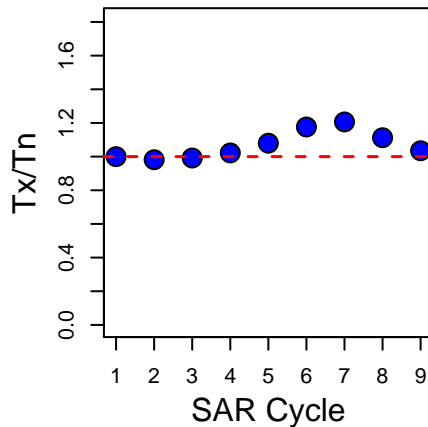
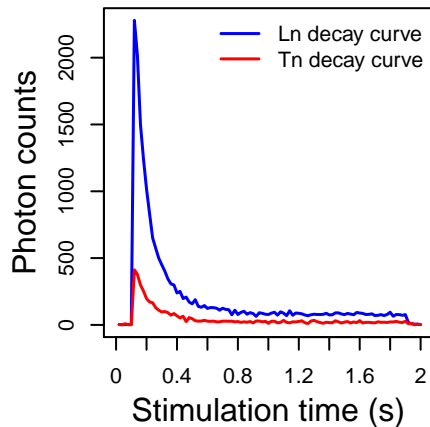
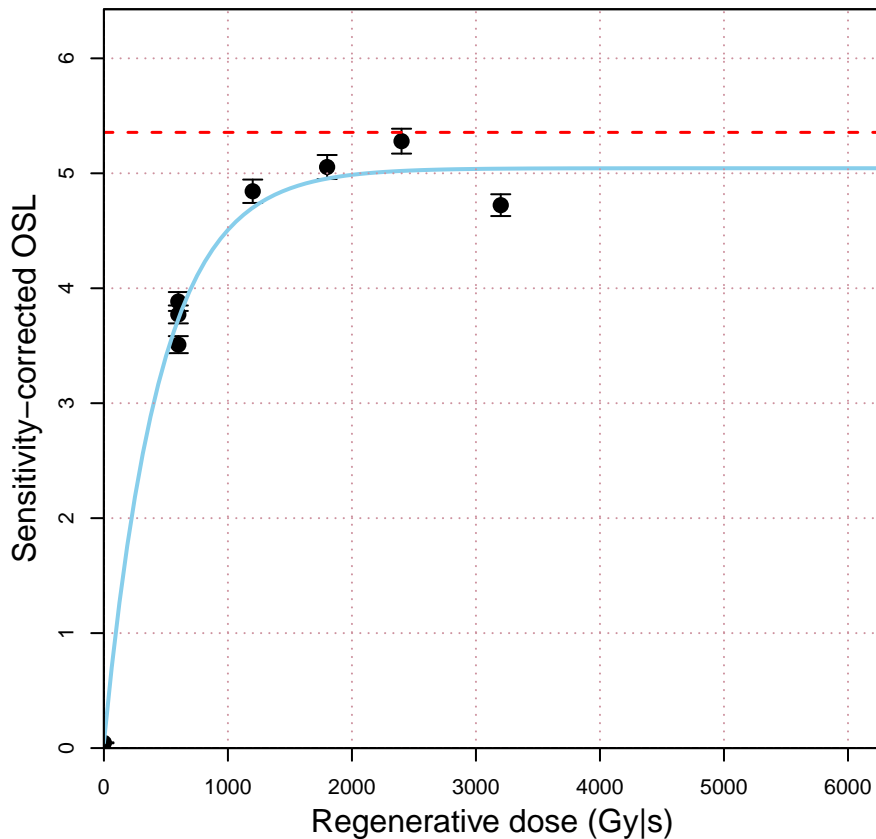
ED: 1902.53 \pm 467.02 (Gy/s)

RSE of ED: 24.55 (%)

95% interval: [1320.03, 3142.33]

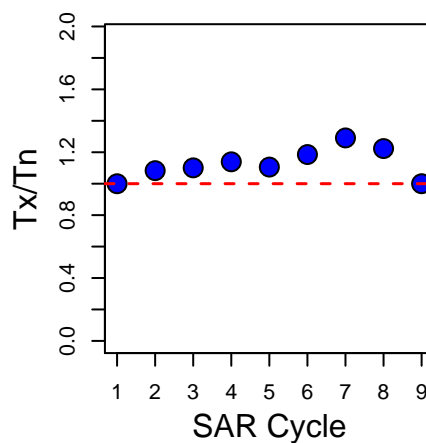
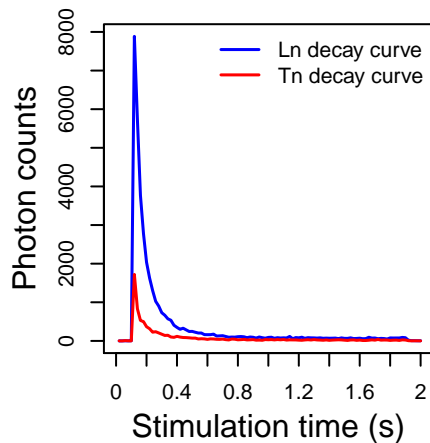
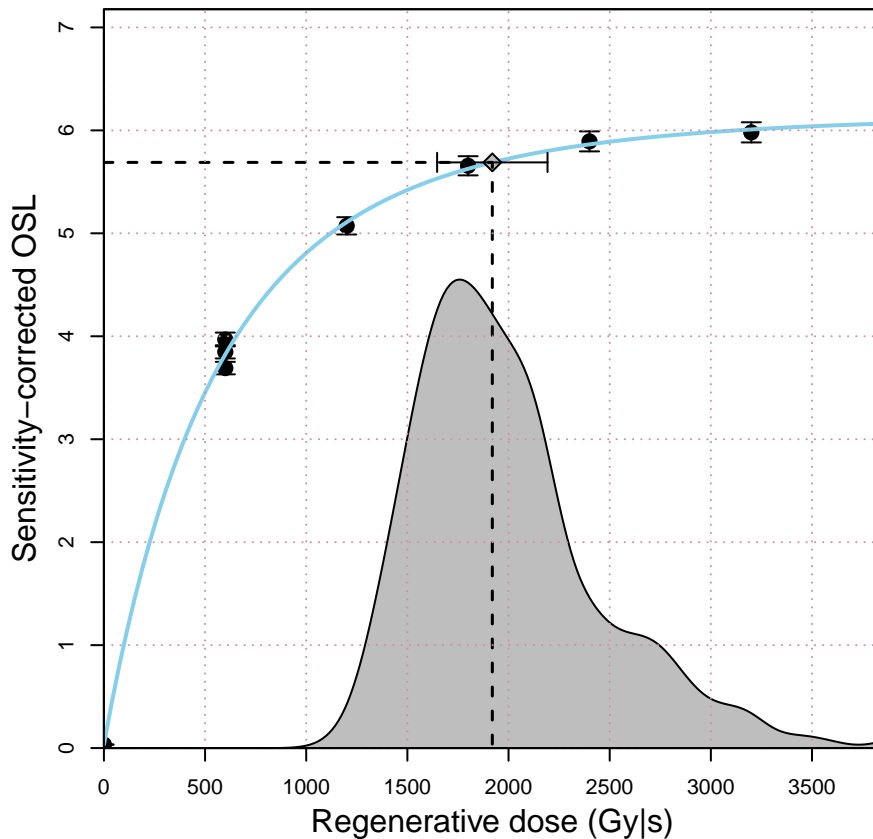
68% interval: [1509.81, 2371.89]

Summary



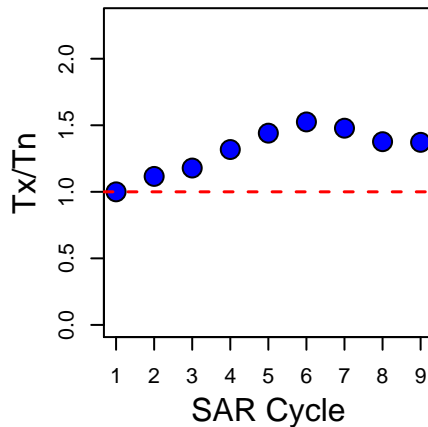
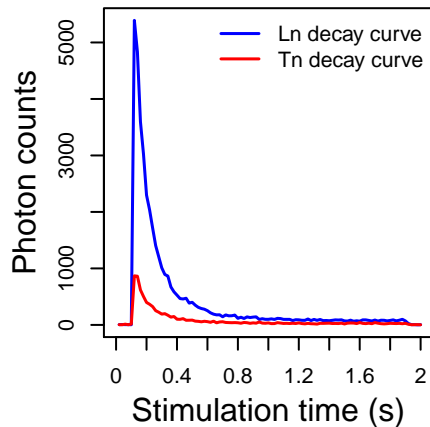
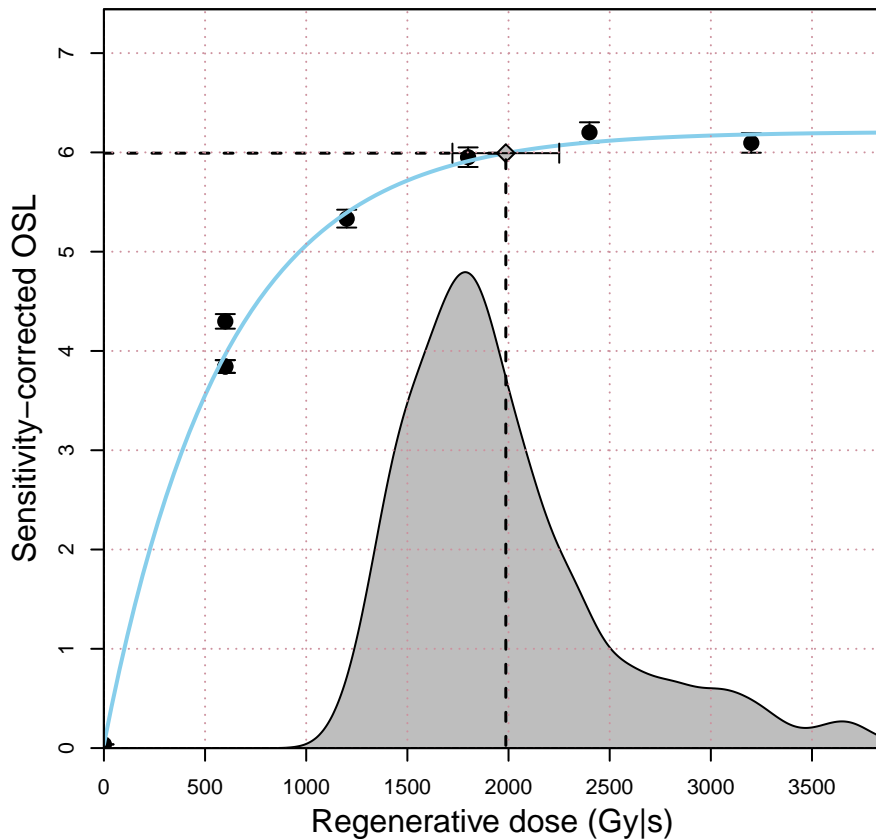
| |
|------------------------------------|
| ID: [NO=458, Position=9, Grain=58] |
| ===== |
| Status: Ln/Tn saturated |
| ===== |
| Tn: 1432.5 +/- 49.14 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 14.33 +/- 1.43 |
| RSE of Tn: 3.43 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.97 +/- 0.06 |
| Recycling ratio 2: 0.9 +/- 0.05 |
| Recycling ratio 3: 0.93 +/- 0.05 |
| ===== |
| Recuperation 1: 0.85 +/- 0.15 (%) |
| Recuperation 2: 0.87 +/- 0.16 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 8.17 |
| Average error in fit: 0.07 |
| Reduced Chi-Square: 2.72 |
| Figure Of Merit: 3.99 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: NULL (%) |
| ED: Inf +/- NA (Gy/s) |
| RSE of ED: NA (%) |
| 95% interval: [-Inf, +Inf] |
| 68% interval: [-Inf, +Inf] |

Summary



| |
|------------------------------------|
| ID: [NO=459, Position=9, Grain=59] |
| ===== |
| Status: OK |
| ===== |
| Tn: 3839.5 +/- 99.49 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 36.39 +/- 3.54 |
| RSE of Tn: 2.59 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.96 +/- 0.04 |
| Recycling ratio 2: 1.03 +/- 0.05 |
| Recycling ratio 3: 1.08 +/- 0.05 |
| ===== |
| Recuperation 1: 0.6 +/- 0.07 (%) |
| Recuperation 2: 0.57 +/- 0.06 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 2.52 |
| Average error in fit: 0.03 |
| Reduced Chi-Square: 0.84 |
| Figure Of Merit: 1.25 (%) |
| ===== |
| calED method: Interpolation |
| MC acceptance-rate: 94.34 (%) |
| ED: 1919.86 +/- 545.73 (Gy/s) |
| RSE of ED: 28.43 (%) |
| 95% interval: [1347.72, 3160.38] |
| 68% interval: [1575.48, 2429.29] |

Summary



ID: [NO=460, Position=9, Grain=60]

Status: OK

Tn: 3128 +/- 85.01

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 26.43 +/- 2.43

RSE of Tn: 2.72 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.89 +/- 0.04

Recycling ratio 2: 0.89 +/- 0.04

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 0.62 +/- 0.07 (%)

Recuperation 2: 0.6 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.52

Average error in fit: 0.05

Reduced Chi-Square: 2.51

Figure Of Merit: 2.42 (%)

calED method: Interpolation

MC acceptance-rate: 81.57 (%)

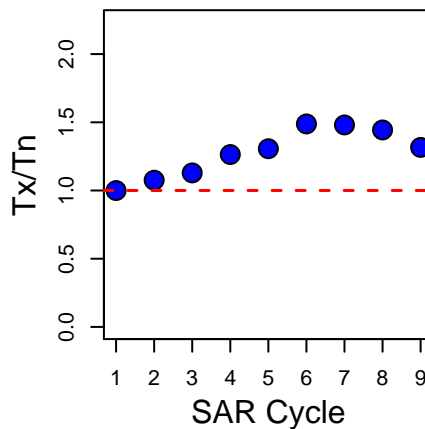
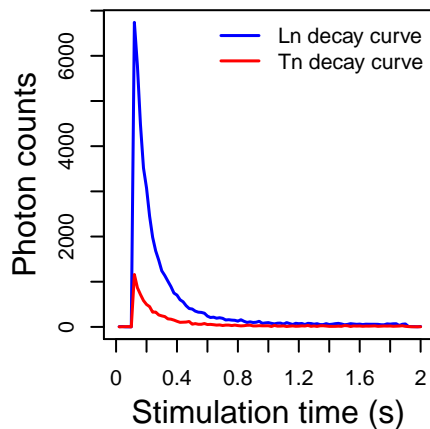
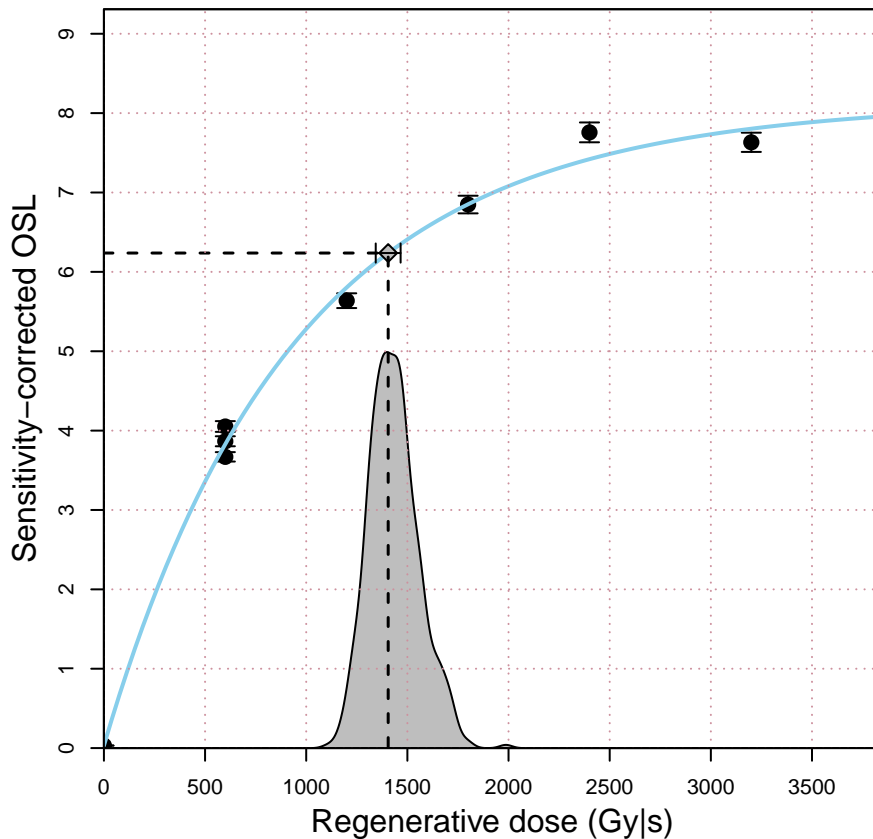
ED: 1986.61 +/- 527.78 (Gy/s)

RSE of ED: 26.57 (%)

95% interval: [1313.89, 3382.97]

68% interval: [1516.56, 2411.14]

Summary



ID: [NO=461, Position=9, Grain=61]

Status: OK

Tn: 3736.5 +/- 97.22

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 43.7 +/- 4.73

RSE of Tn: 2.6 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.51 +/- 0.05 (%)

Recuperation 2: 0.41 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 7.72

Average error in fit: 0.06

Reduced Chi-Square: 2.57

Figure Of Merit: 2.79 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

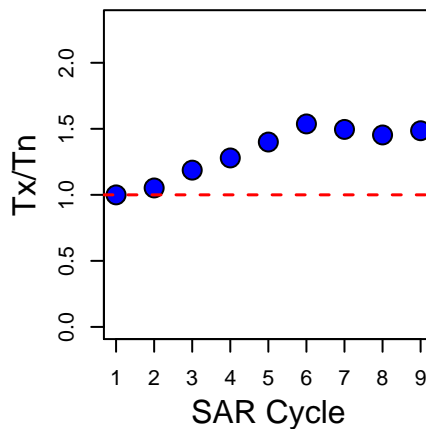
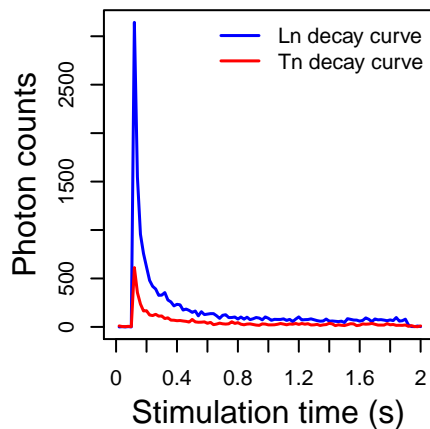
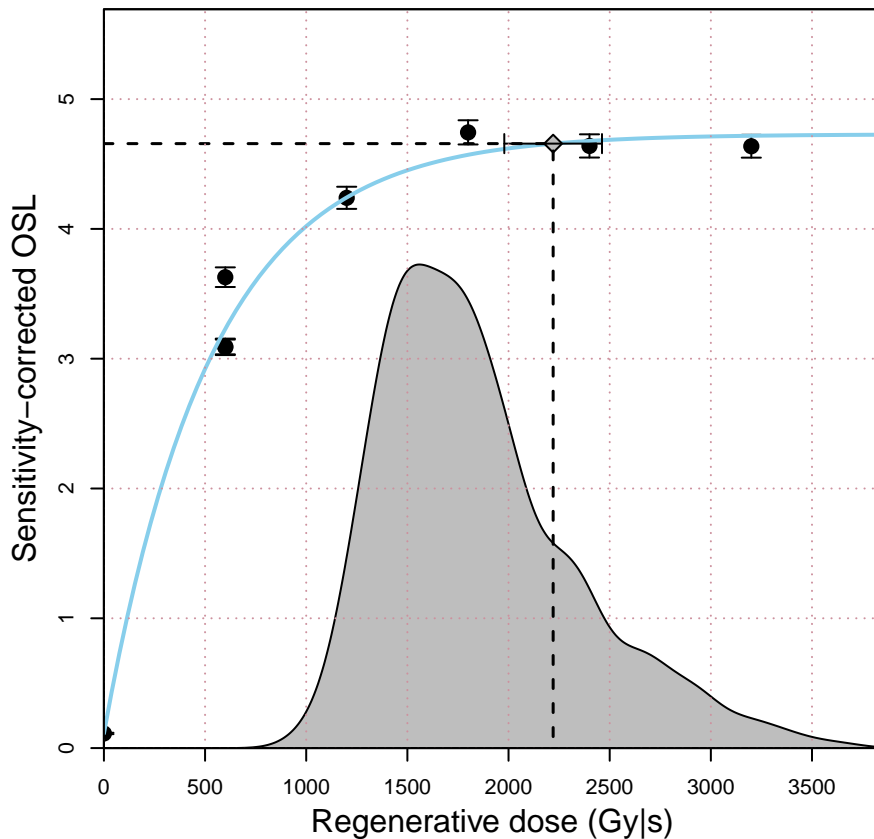
ED: 1405.09 +/- 122.95 (Gy/s)

RSE of ED: 8.75 (%)

95% interval: [1224.28, 1700.63]

68% interval: [1314.97, 1553.71]

Summary



ID: [NO=462, Position=9, Grain=62]

Status: OK

Tn: 1430.5 +/- 49.03

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 14.82 +/- 1.51

RSE of Tn: 3.43 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.85 +/- 0.05

Recycling ratio 2: 0.85 +/- 0.05

Recycling ratio 3: 1 +/- 0.05

Recuperation 1: 2.42 +/- 0.25 (%)

Recuperation 2: 2.37 +/- 0.24 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.72

Average error in fit: 0.06

Reduced Chi-Square: 3.57

Figure Of Merit: 3.46 (%)

calED method: Interpolation

MC acceptance-rate: 62.34 (%)

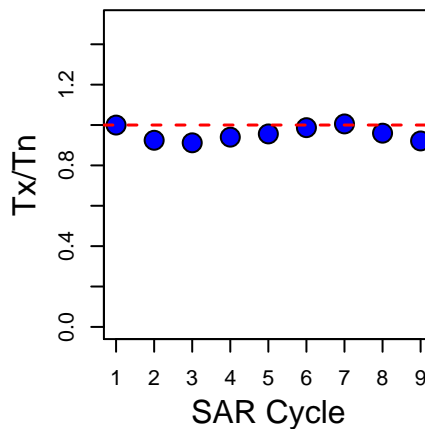
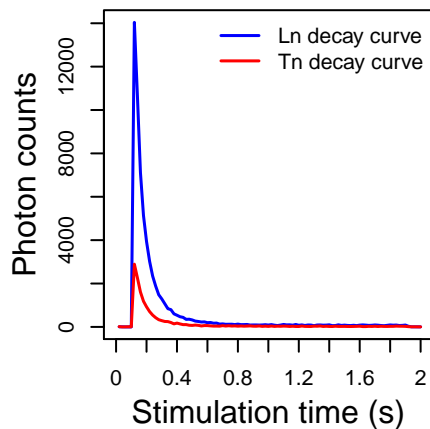
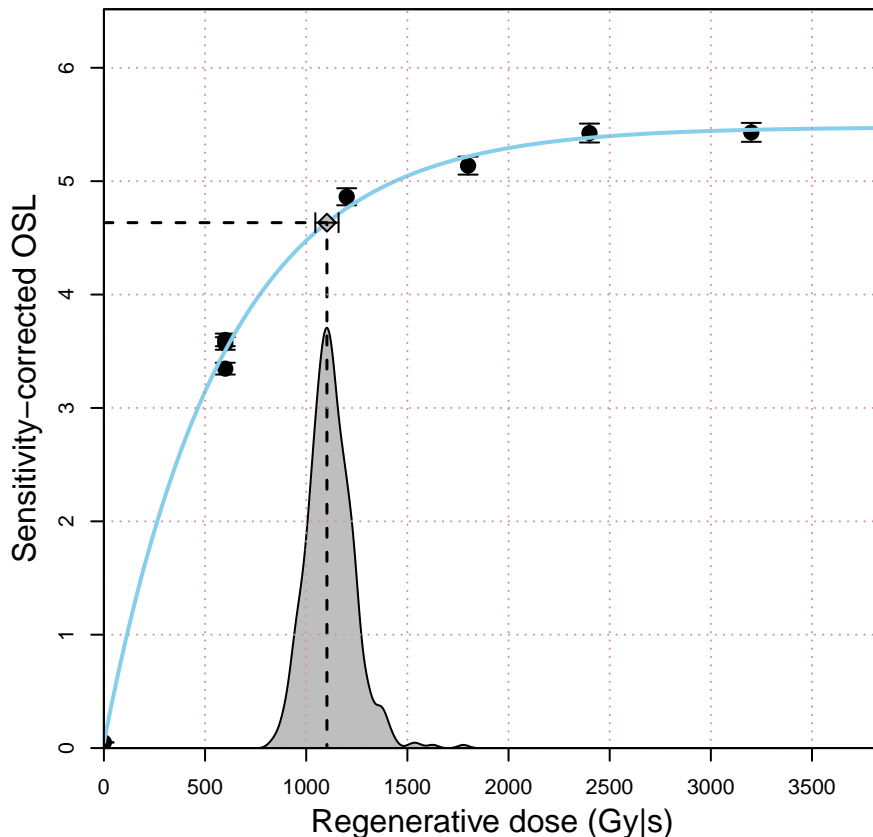
ED: 2220.49 +/- 482.98 (Gy/s)

RSE of ED: 21.75 (%)

95% interval: [1209.7, 2995.19]

68% interval: [1414.66, 2341.11]

Summary



ID: [NO=463, Position=9, Grain=63]

Status: OK

Tn: 8739.5 +/- 198.73

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 65.5 +/- 5.67

RSE of Tn: 2.27 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.08 +/- 0.05

Recycling ratio 2: 1.07 +/- 0.05

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 1.08 +/- 0.08 (%)

Recuperation 2: 0.92 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.17

Average error in fit: 0.03

Reduced Chi-Square: 1.39

Figure Of Merit: 1.78 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

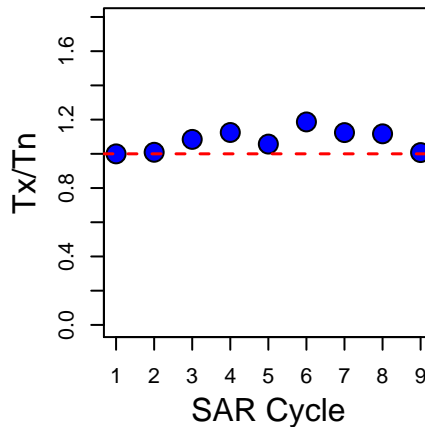
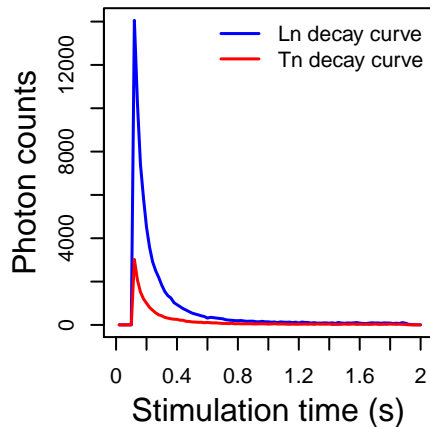
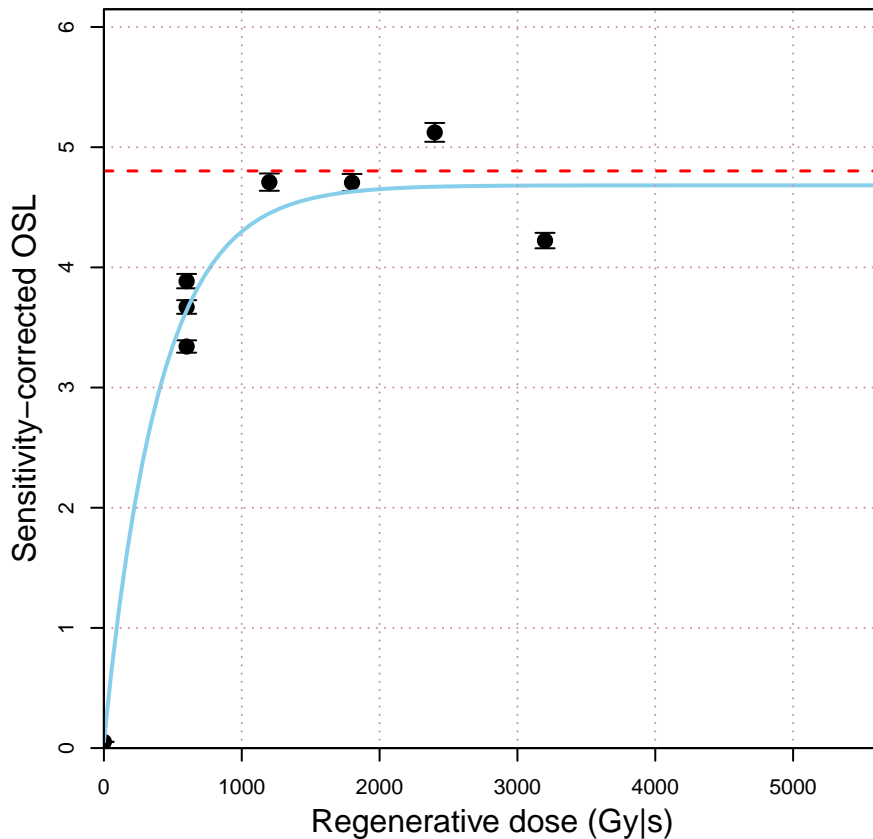
ED: 1102.37 +/- 114.79 (Gy/s)

RSE of ED: 10.41 (%)

95% interval: [921.54, 1369.14]

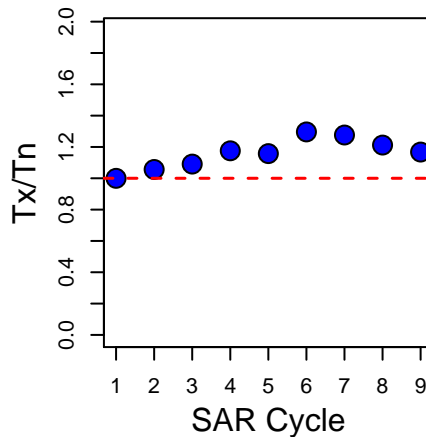
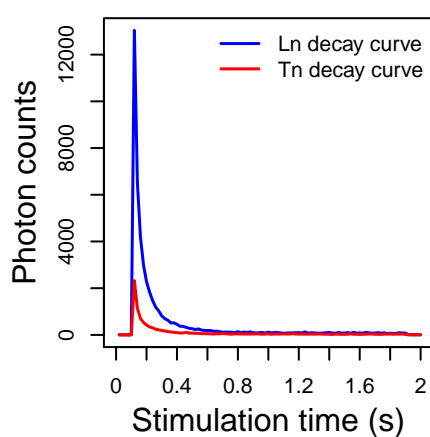
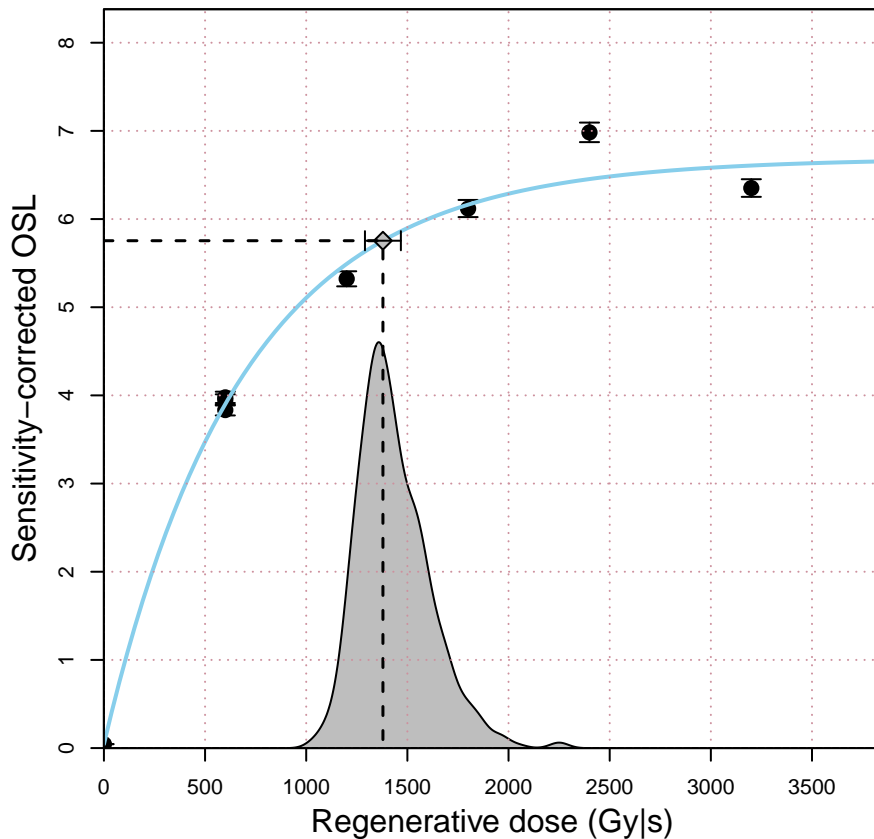
68% interval: [1015.21, 1223.57]

Summary



| |
|------------------------------------|
| ID: [NO=464, Position=9, Grain=64] |
| ===== |
| Status: Ln/Tn saturated |
| ===== |
| Tn: 8678 +/- 197.53 |
| Tn above 3 sigma BG: TRUE |
| Ratio of Tn to BG: 61.26 +/- 5.15 |
| RSE of Tn: 2.28 (%) |
| Fast ratio of Tn: NA +/- NA |
| ===== |
| Recycling ratio 1: 0.86 +/- 0.04 |
| Recycling ratio 2: 0.94 +/- 0.04 |
| Recycling ratio 3: 1.1 +/- 0.05 |
| ===== |
| Recuperation 1: 1.08 +/- 0.07 (%) |
| Recuperation 2: 1.01 +/- 0.07 (%) |
| ===== |
| Fit model: gok |
| Pass origin: FALSE |
| Weighted fit: TRUE |
| Minimized value: 37.46 |
| Average error in fit: 0.1 |
| Reduced Chi-Square: 12.49 |
| Figure Of Merit: 6.18 (%) |
| ===== |
| calED method: Extrapolation |
| MC acceptance-rate: NULL (%) |
| ED: Inf +/- NA (Gy/s) |
| RSE of ED: NA (%) |
| 95% interval: [-Inf, +Inf] |
| 68% interval: [-Inf, +Inf] |

Summary



ID: [NO=465, Position=9, Grain=65]

Status: OK

Tn: 4972 \pm 122.86

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 32.87 \pm 2.67

RSE of Tn: 2.47 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.96 \pm 0.04

Recycling ratio 2: 0.99 \pm 0.05

Recycling ratio 3: 1.03 \pm 0.05

Recuperation 1: 0.78 \pm 0.07 (%)

Recuperation 2: 0.64 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 9.16

Average error in fit: 0.08

Reduced Chi-Square: 3.05

Figure Of Merit: 3.26 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

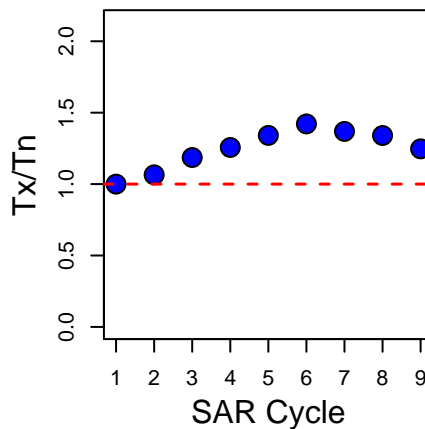
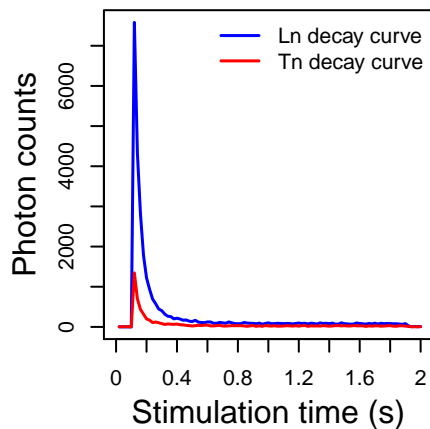
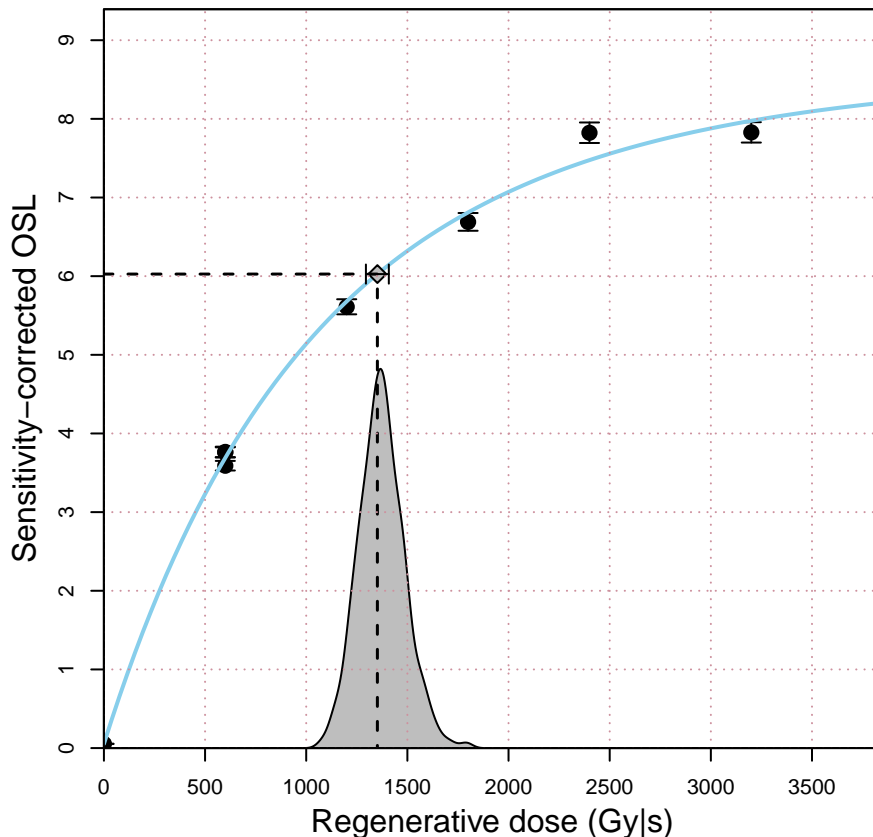
ED: 1379.11 \pm 177.57 (Gy/s)

RSE of ED: 12.88 (%)

95% interval: [1162.76, 1847.2]

68% interval: [1265.98, 1598.35]

Summary



ID: [NO=466, Position=9, Grain=66]

Status: OK

Tn: 2876.5 +/- 79.76

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 25.48 +/- 2.4

RSE of Tn: 2.77 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.95 +/- 0.05

Recycling ratio 2: 1 +/- 0.05

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.9 +/- 0.09 (%)

Recuperation 2: 0.69 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.8

Average error in fit: 0.05

Reduced Chi-Square: 1.27

Figure Of Merit: 2.38 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

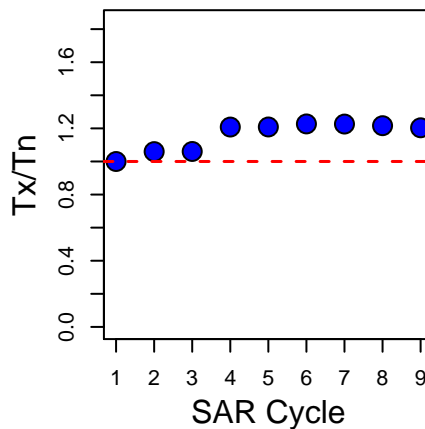
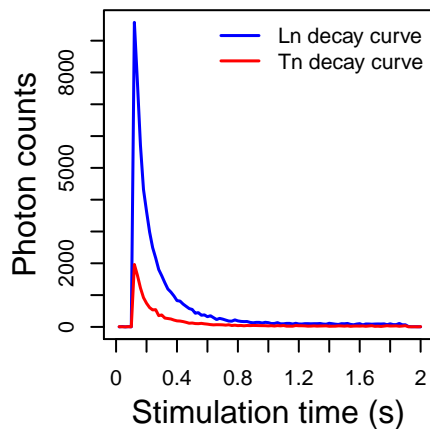
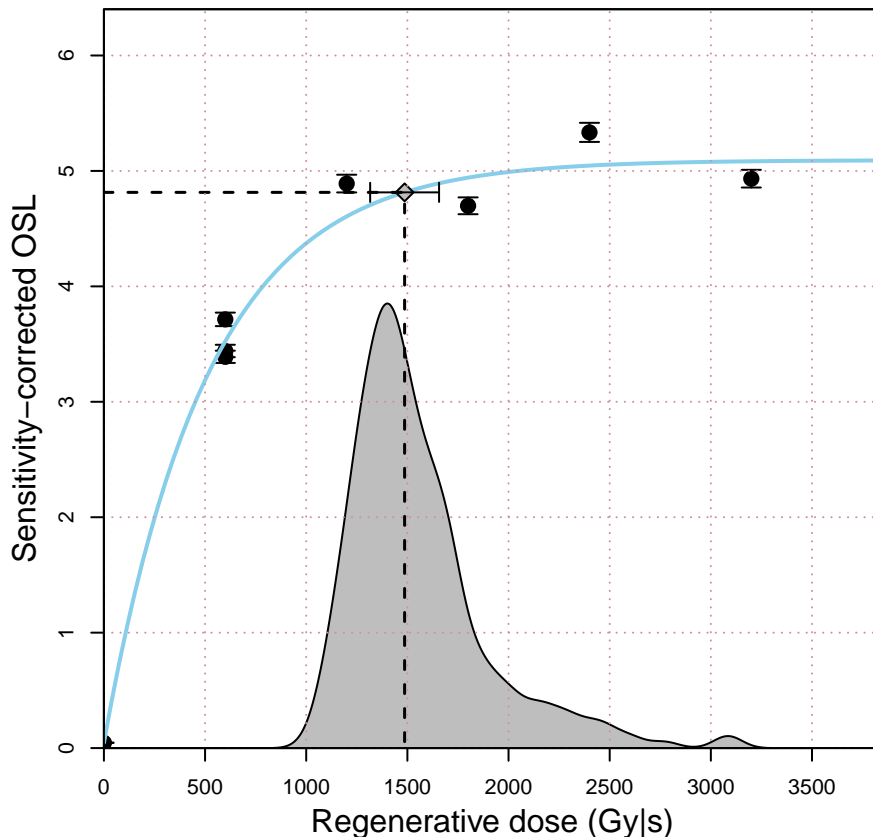
ED: 1351.72 +/- 113.28 (Gy/s)

RSE of ED: 8.38 (%)

95% interval: [1159.86, 1608.03]

68% interval: [1262.18, 1479.76]

Summary



ID: [NO=467, Position=9, Grain=67]

Status: OK

Tn: 6339 +/- 150.39

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 47.27 +/- 4.08

RSE of Tn: 2.37 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 0.91 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 0.96 +/- 0.08 (%)

Recuperation 2: 0.86 +/- 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 15.09

Average error in fit: 0.07

Reduced Chi-Square: 5.03

Figure Of Merit: 4.54 (%)

calED method: Interpolation

MC acceptance-rate: 96.34 (%)

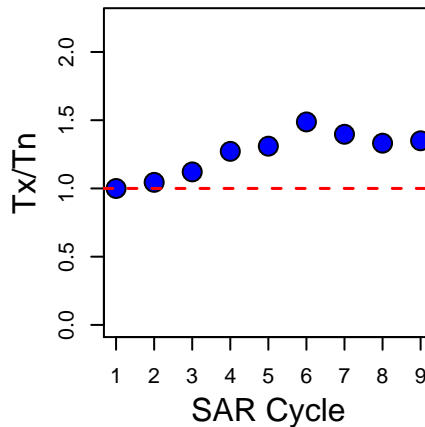
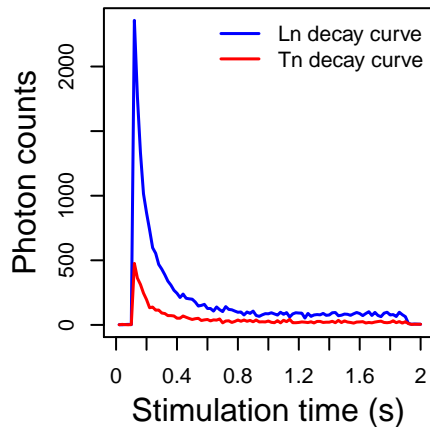
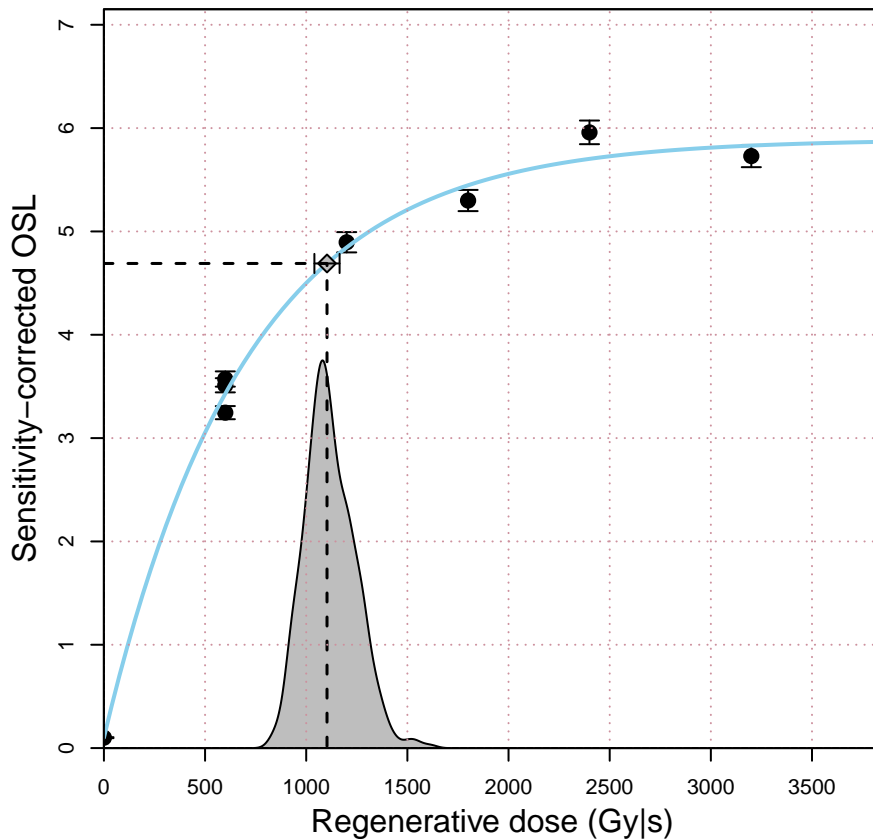
ED: 1486.34 +/- 340.52 (Gy/s)

RSE of ED: 22.91 (%)

95% interval: [1121.6, 2471.92]

68% interval: [1268.48, 1814.11]

Summary



ID: [NO=468, Position=9, Grain=68]

Status: OK

Tn: 1480.5 +/- 50.26

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 14.16 +/- 1.38

RSE of Tn: 3.39 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.98 +/- 0.06

Recycling ratio 2: 0.91 +/- 0.05

Recycling ratio 3: 0.92 +/- 0.05

Recuperation 1: 2.15 +/- 0.23 (%)

Recuperation 2: 1.69 +/- 0.18 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.41

Average error in fit: 0.05

Reduced Chi-Square: 1.8

Figure Of Merit: 2.98 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

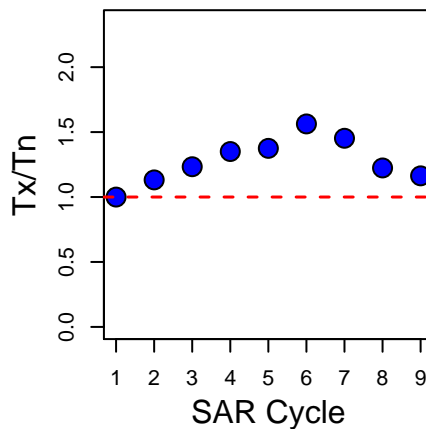
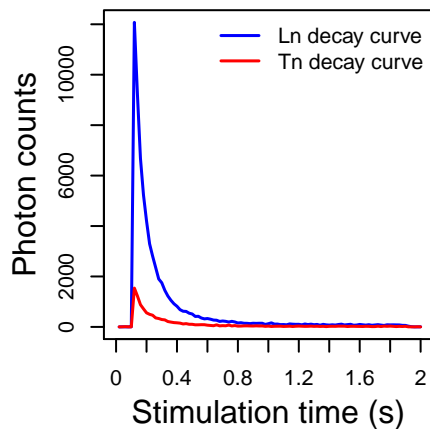
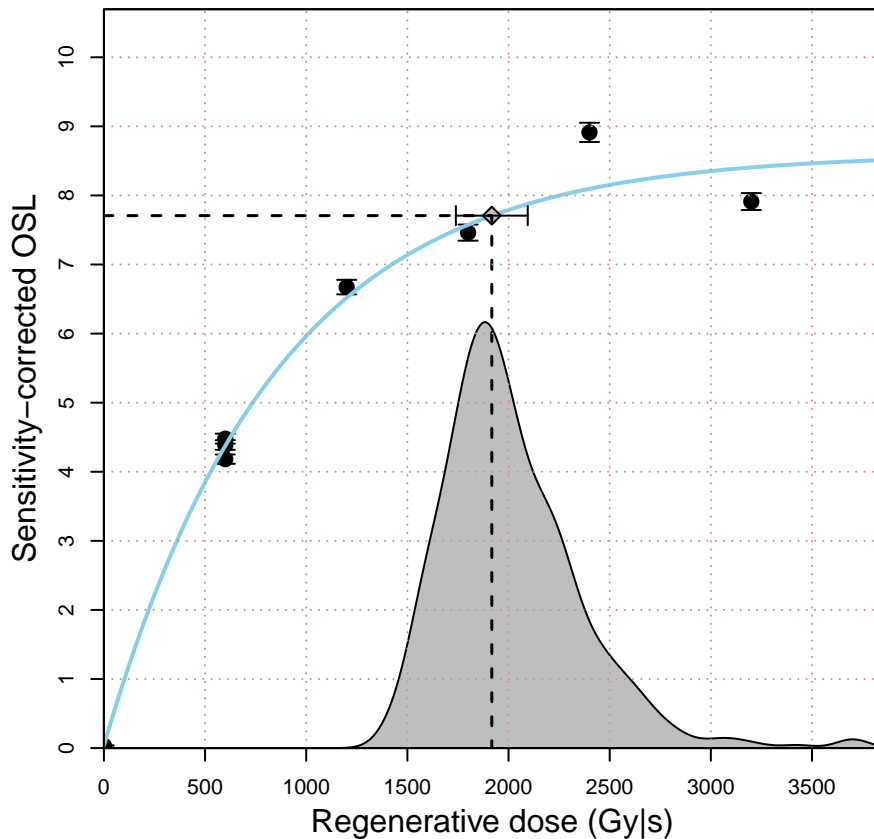
ED: 1102.73 +/- 124.59 (Gy/s)

RSE of ED: 11.3 (%)

95% interval: [911.89, 1373.53]

68% interval: [998.23, 1246.16]

Summary



ID: [NO=469, Position=9, Grain=69]
=====

Status: OK
=====

Tn: 4807.5 +/- 119.25
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 43.73 +/- 4.17
RSE of Tn: 2.48 (%)
Fast ratio of Tn: NA +/- NA
=====

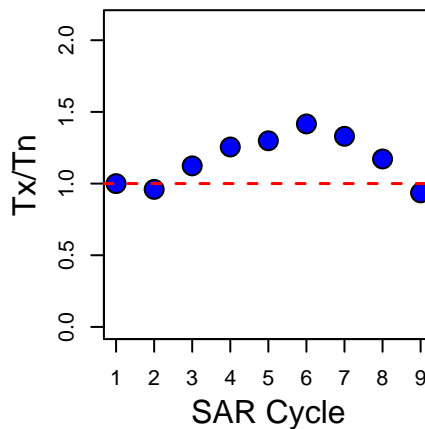
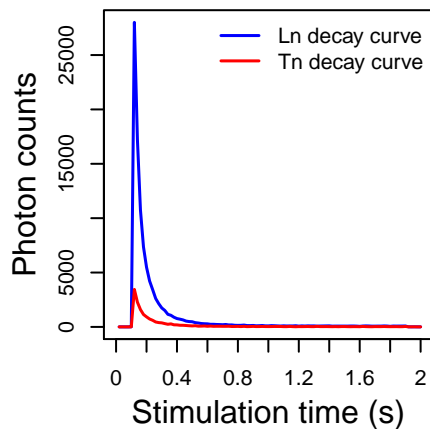
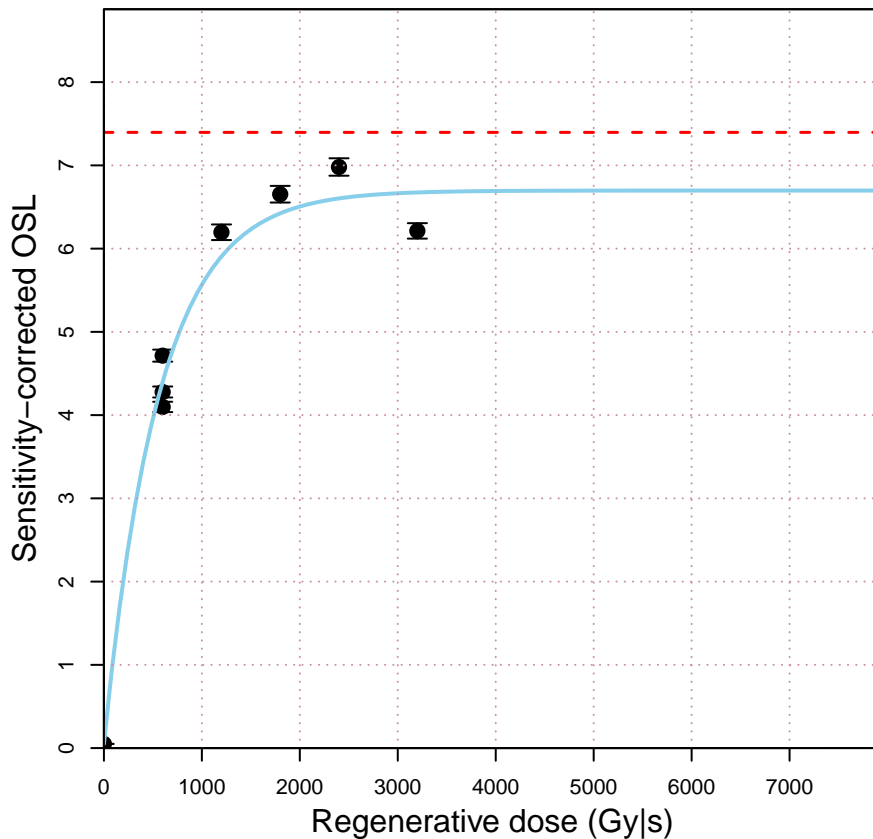
Recycling ratio 1: 0.98 +/- 0.04
Recycling ratio 2: 0.93 +/- 0.04
Recycling ratio 3: 0.95 +/- 0.04
=====

Recuperation 1: 0.47 +/- 0.04 (%)
Recuperation 2: 0.41 +/- 0.04 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 16.1
Average error in fit: 0.12
Reduced Chi-Square: 5.37
Figure Of Merit: 4.31 (%)
=====

calED method: Interpolation
MC acceptance-rate: 99.6 (%)
ED: 1917.28 +/- 355.28 (Gy/s)
RSE of ED: 18.53 (%)
95% interval: [1529.49, 2798.31]
68% interval: [1714.44, 2307.37]

Summary



ID: [NO=470, Position=9, Grain=70]

Status: Ln/Tn saturated

Tn: 9254 \pm 209.06

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 71.11 \pm 6.23

RSE of Tn: 2.26 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.87 \pm 0.04

Recycling ratio 2: 0.91 \pm 0.04

Recycling ratio 3: 1.04 \pm 0.05

Recuperation 1: 0.68 \pm 0.04 (%)

Recuperation 2: 0.72 \pm 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 24.77

Average error in fit: 0.1

Reduced Chi-Square: 8.26

Figure Of Merit: 5.41 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

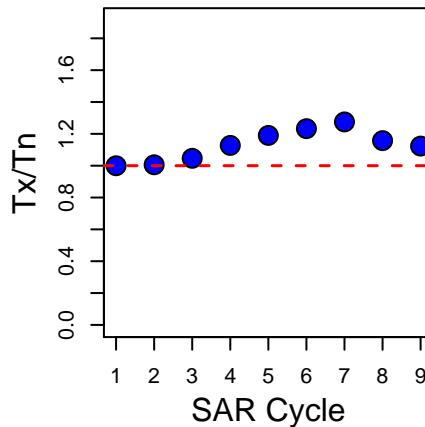
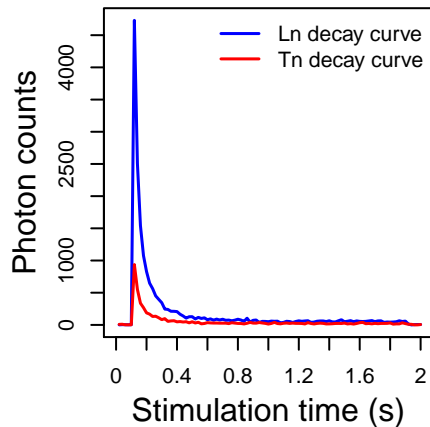
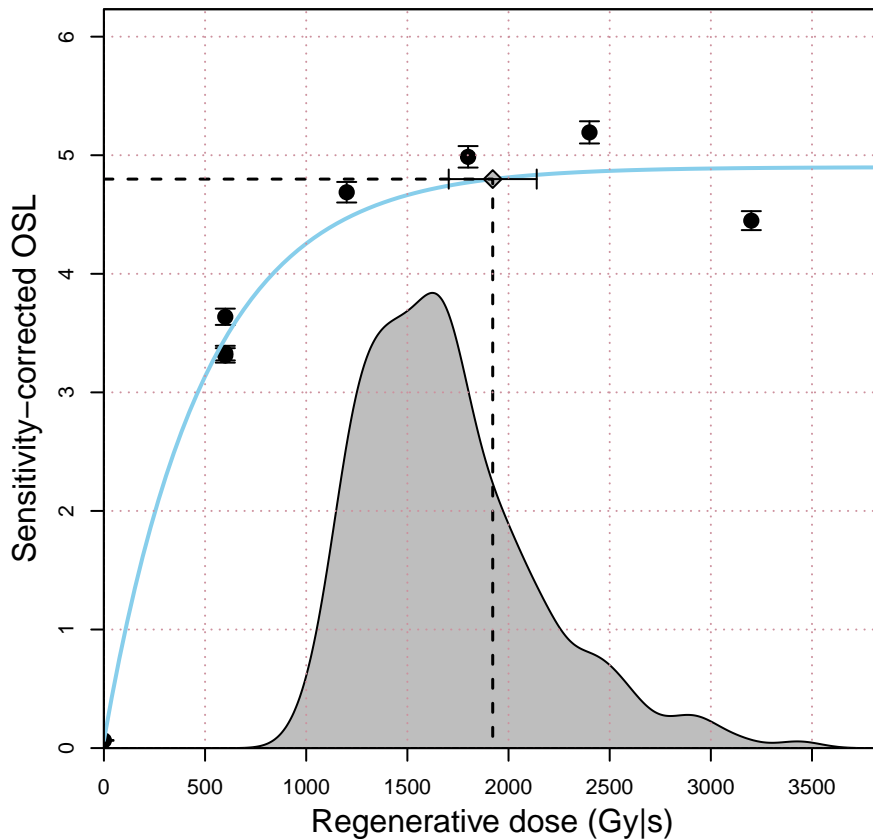
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=471, Position=9, Grain=71]

Status: OK

Tn: 2172 +/- 64.97

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 21.11 +/- 2.08

RSE of Tn: 2.99 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.05

Recycling ratio 2: 0.92 +/- 0.05

Recycling ratio 3: 1.01 +/- 0.05

Recuperation 1: 1.35 +/- 0.14 (%)

Recuperation 2: 1.25 +/- 0.13 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 18.03

Average error in fit: 0.09

Reduced Chi-Square: 6.01

Figure Of Merit: 5.64 (%)

calED method: Interpolation

MC acceptance-rate: 53.53 (%)

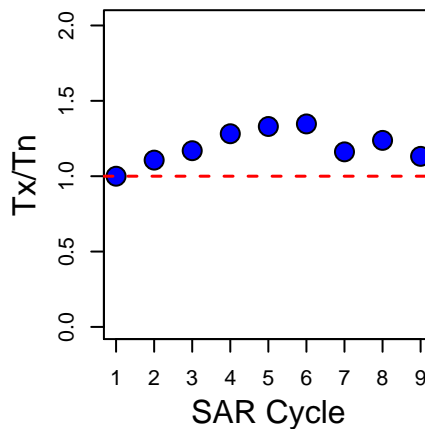
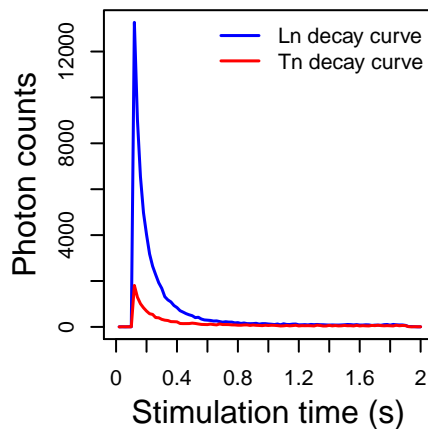
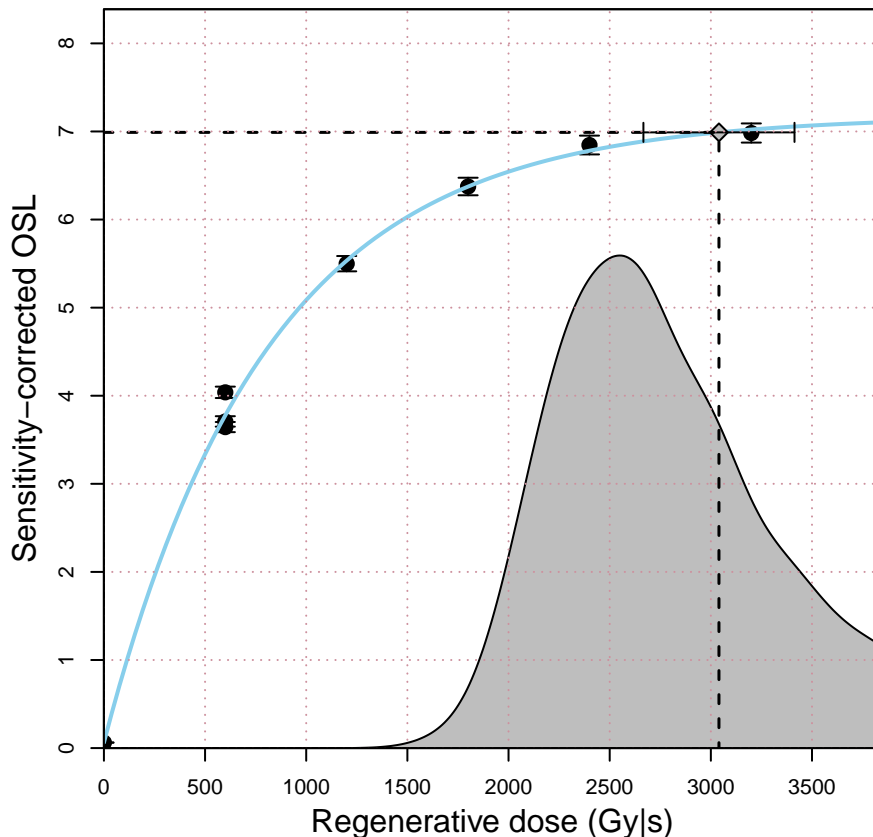
ED: 1921.83 +/- 434.96 (Gy/s)

RSE of ED: 22.63 (%)

95% interval: [1105.62, 2835.36]

68% interval: [1290.6, 2096.85]

Summary



ID: [NO=472, Position=9, Grain=72]

Status: OK

Tn: 5355 \pm 131.34

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 19.86 \pm 1.21

RSE of Tn: 2.45 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.9 \pm 0.04

Recycling ratio 2: 0.92 \pm 0.04

Recycling ratio 3: 1.02 \pm 0.05

Recuperation 1: 0.89 \pm 0.07 (%)

Recuperation 2: 0.9 \pm 0.07 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.93

Average error in fit: 0.04

Reduced Chi-Square: 1.98

Figure Of Merit: 1.63 (%)

calED method: Interpolation

MC acceptance-rate: 81.17 (%)

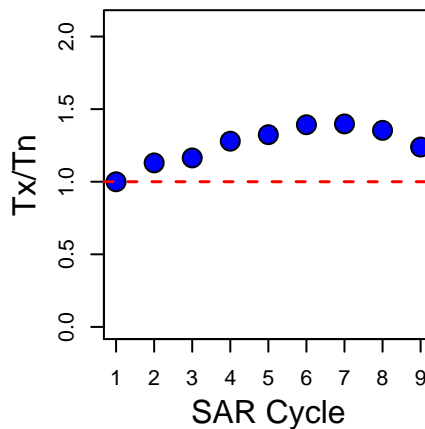
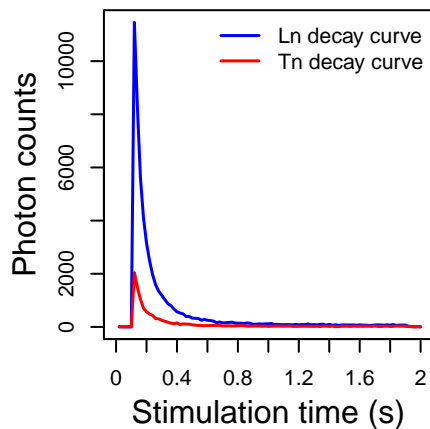
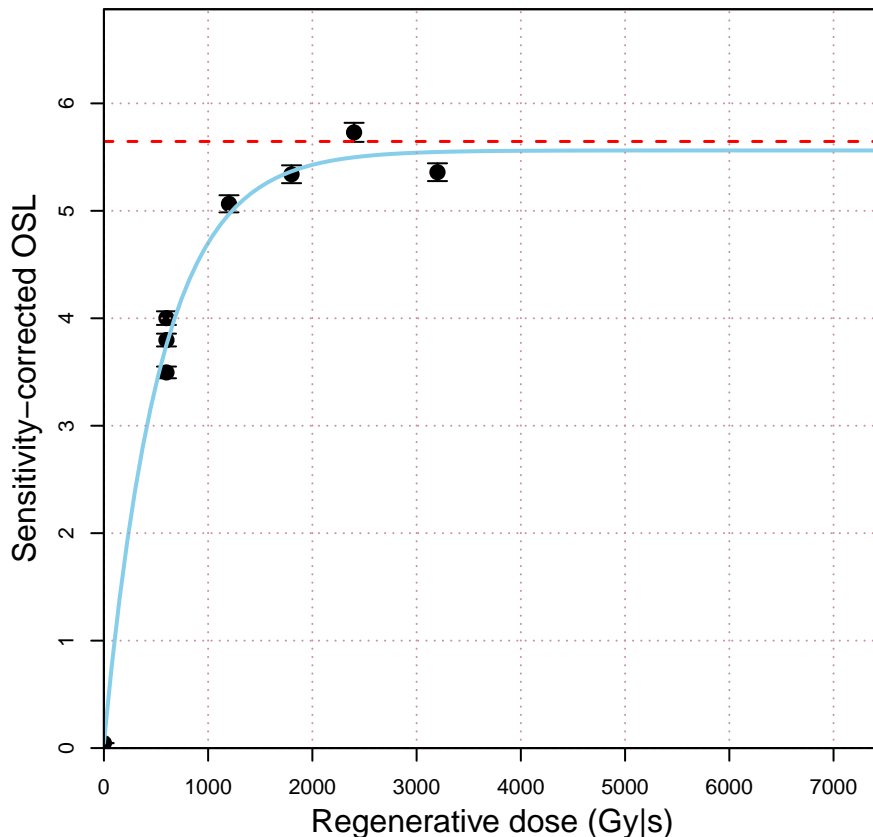
ED: 3040.1 \pm 746.9 (Gy/s)

RSE of ED: 24.57 (%)

95% interval: [1981.67, 5097.3]

68% interval: [2265.94, 3517.97]

Summary



ID: [NO=473, Position=9, Grain=73]

Status: Ln/Tn saturated

Tn: 5705.5 +/- 137.51

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 47.96 +/- 4.4

RSE of Tn: 2.41 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.87 +/- 0.04

Recycling ratio 2: 0.95 +/- 0.04

Recycling ratio 3: 1.09 +/- 0.05

Recuperation 1: 0.82 +/- 0.06 (%)

Recuperation 2: 0.81 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.96

Average error in fit: 0.06

Reduced Chi-Square: 4.32

Figure Of Merit: 3.34 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

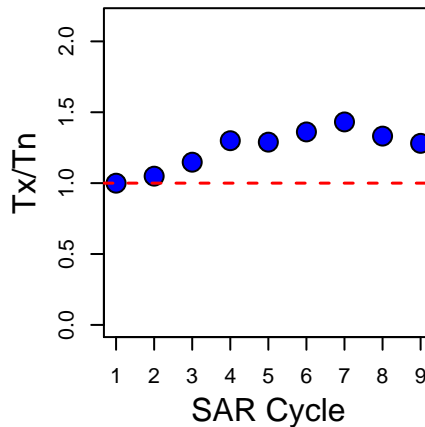
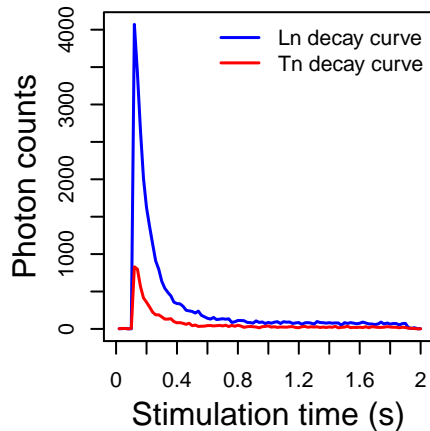
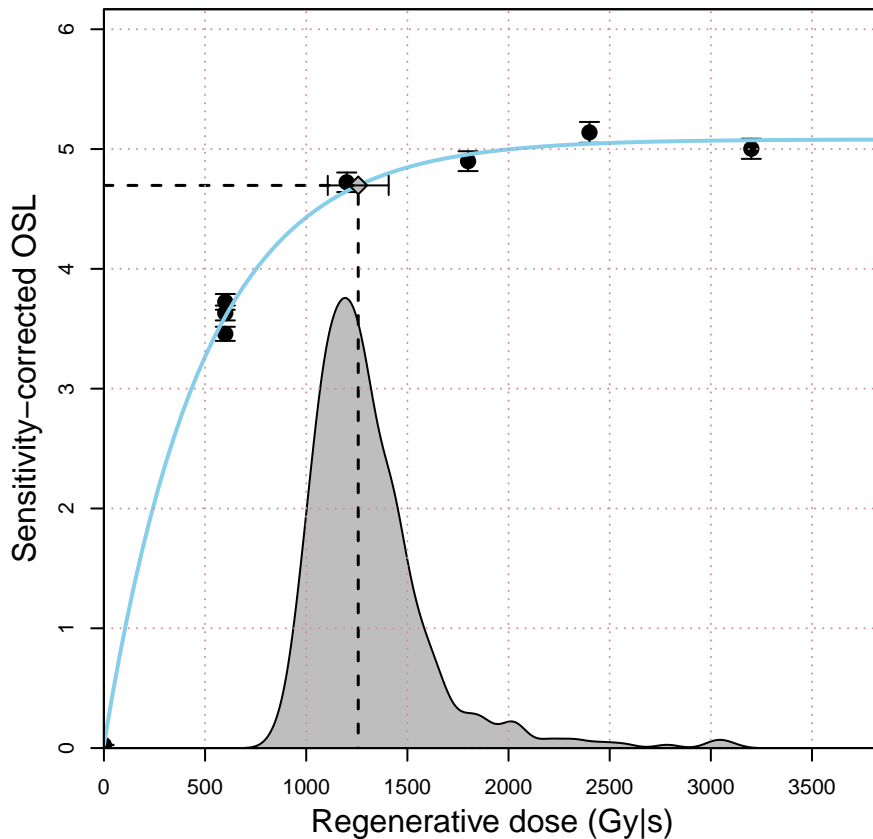
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=474, Position=9, Grain=74]

Status: OK

Tn: 2859 \pm 79.32

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 27.23 \pm 2.66

RSE of Tn: 2.77 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.93 \pm 0.05

Recycling ratio 2: 0.98 \pm 0.05

Recycling ratio 3: 1.05 \pm 0.05

Recuperation 1: 0.56 \pm 0.08 (%)

Recuperation 2: 0.51 \pm 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 3.24

Average error in fit: 0.03

Reduced Chi-Square: 1.08

Figure Of Merit: 1.94 (%)

calED method: Interpolation

MC acceptance-rate: 96.34 (%)

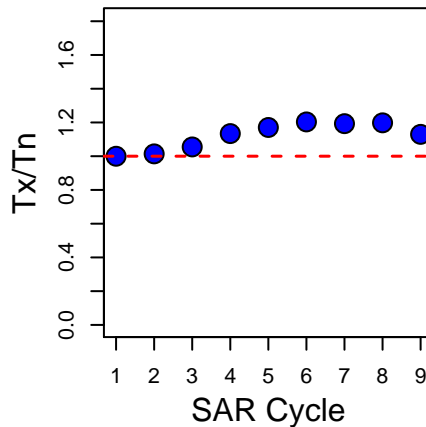
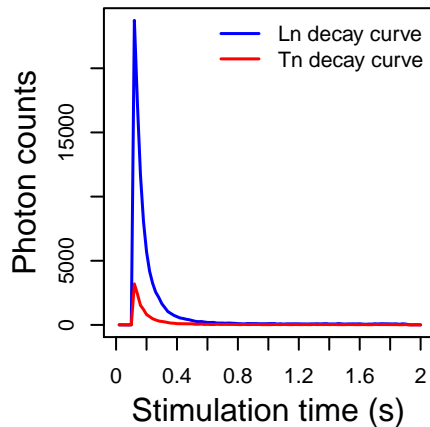
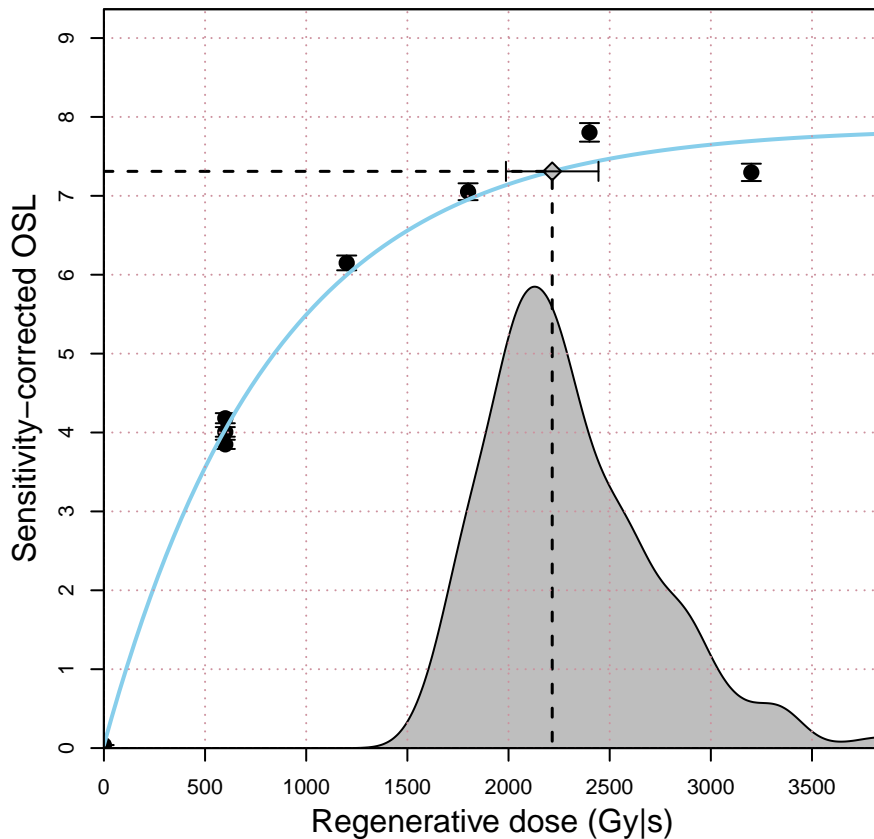
ED: 1257.05 \pm 301.15 (Gy/s)

RSE of ED: 23.96 (%)

95% interval: [958.15, 2063.14]

68% interval: [1073.81, 1510.36]

Summary



ID: [NO=475, Position=9, Grain=75]

Status: OK

Tn: 9037.5 +/- 204.65

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 79.25 +/- 7.42

RSE of Tn: 2.26 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.96 +/- 0.04

Recycling ratio 3: 1.04 +/- 0.04

Recuperation 1: 0.53 +/- 0.04 (%)

Recuperation 2: 0.49 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 10.79

Average error in fit: 0.08

Reduced Chi-Square: 3.6

Figure Of Merit: 3.48 (%)

calED method: Interpolation

MC acceptance-rate: 98.62 (%)

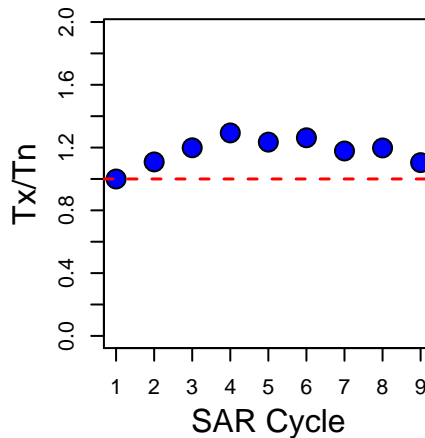
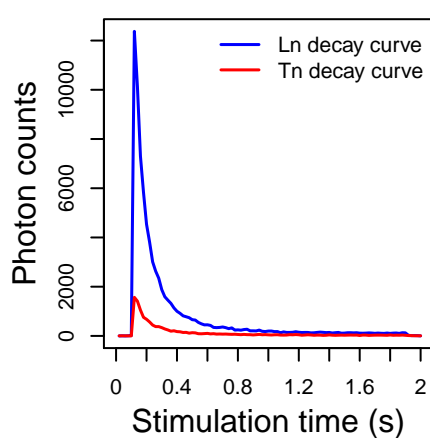
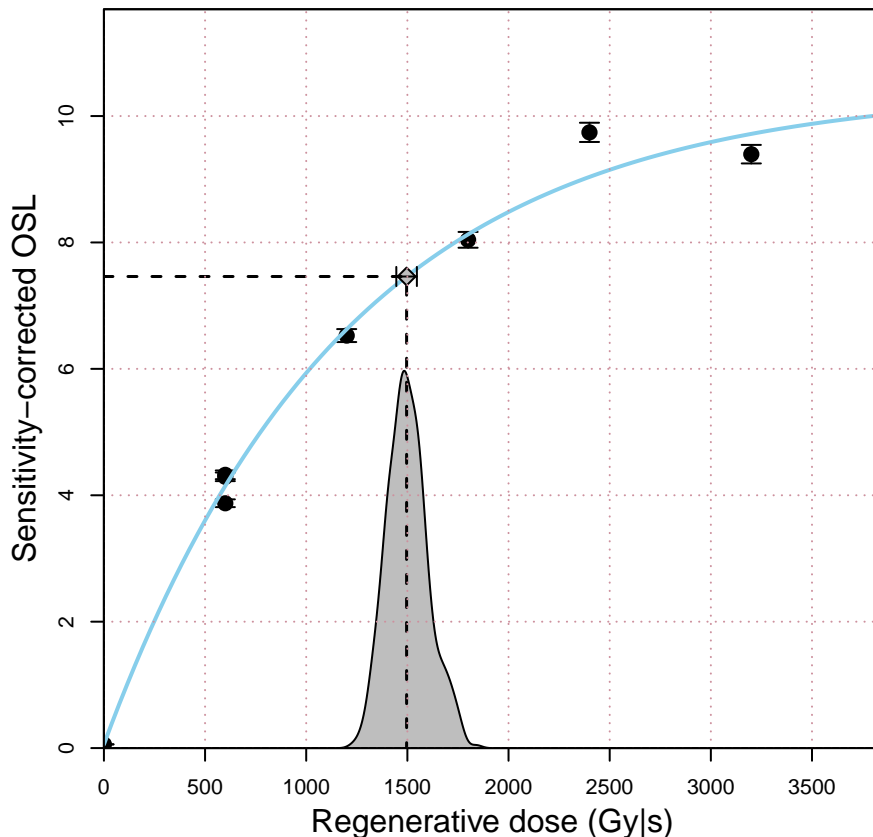
ED: 2215.93 +/- 457.39 (Gy/s)

RSE of ED: 20.64 (%)

95% interval: [1692.7, 3372.02]

68% interval: [1915.03, 2723.86]

Summary



ID: [NO=476, Position=9, Grain=76]
=====

Status: OK
=====

Tn: 5309.5 +/- 129.65
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 36.52 +/- 3.03
RSE of Tn: 2.44 (%)
Fast ratio of Tn: NA +/- NA
=====

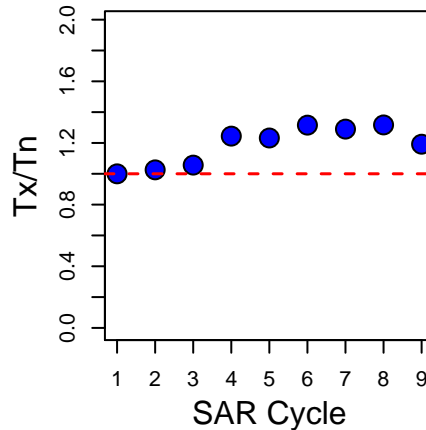
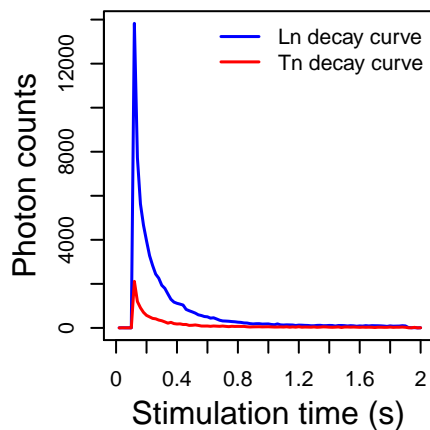
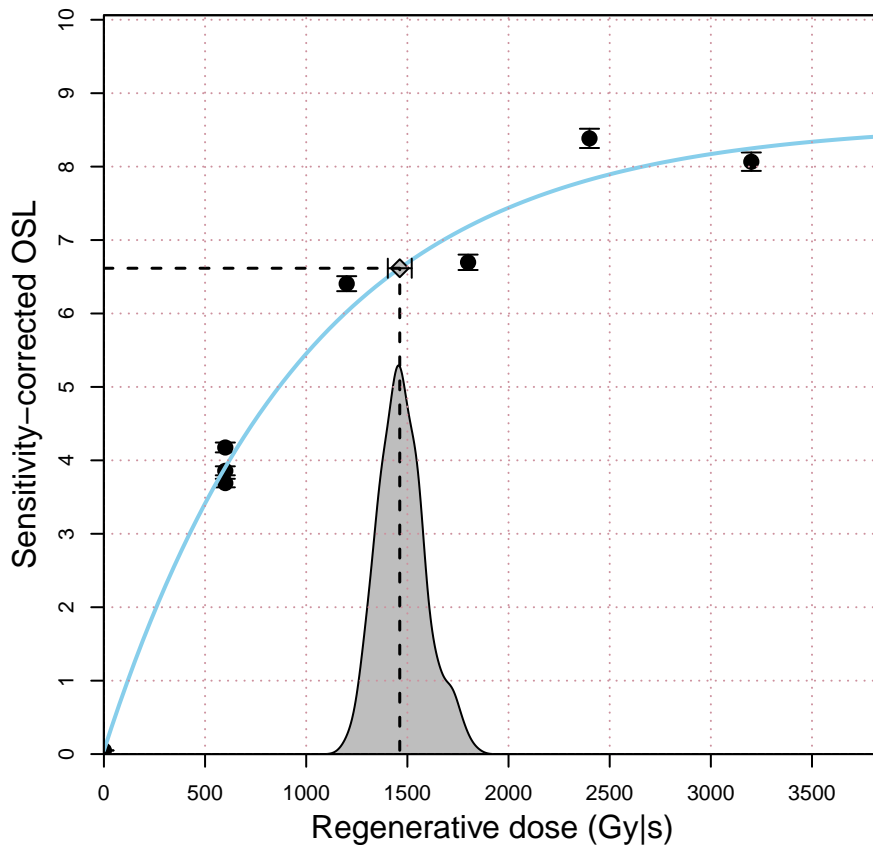
Recycling ratio 1: 0.9 +/- 0.04
Recycling ratio 2: 1.01 +/- 0.05
Recycling ratio 3: 1.12 +/- 0.05
=====

Recuperation 1: 0.79 +/- 0.06 (%)
Recuperation 2: 0.6 +/- 0.05 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 14.64
Average error in fit: 0.11
Reduced Chi-Square: 4.88
Figure Of Merit: 3.92 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1496.16 +/- 101.67 (Gy/s)
RSE of ED: 6.8 (%)
95% interval: [1323.47, 1724.66]
68% interval: [1401.21, 1594.97]

Summary



ID: [NO=477, Position=9, Grain=77]
=====

Status: OK
=====

Tn: 5345.5 +/- 130.41
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 35.82 +/- 2.93
RSE of Tn: 2.44 (%)
Fast ratio of Tn: NA +/- NA
=====

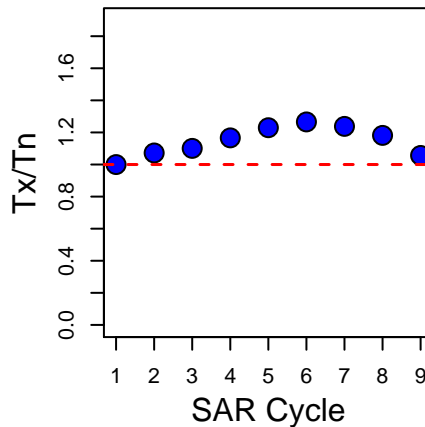
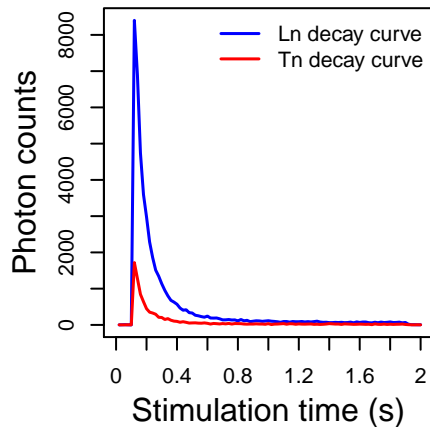
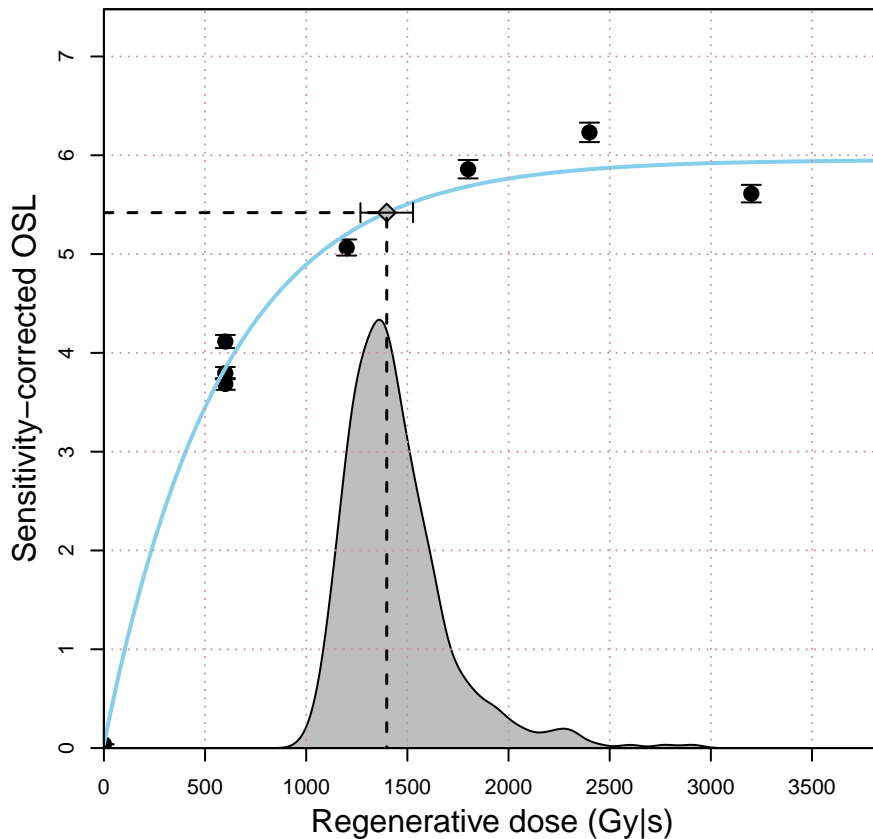
Recycling ratio 1: 0.88 +/- 0.04
Recycling ratio 2: 0.92 +/- 0.04
Recycling ratio 3: 1.05 +/- 0.05
=====

Recuperation 1: 0.75 +/- 0.06 (%)
Recuperation 2: 0.59 +/- 0.05 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 21.7
Average error in fit: 0.12
Reduced Chi-Square: 7.23
Figure Of Merit: 5.23 (%)
=====

calED method: Interpolation
MC acceptance-rate: 100 (%)
ED: 1462.39 +/- 118.13 (Gy/s)
RSE of ED: 8.08 (%)
95% interval: [1267.29, 1735.31]
68% interval: [1358.71, 1577.54]

Summary



ID: [NO=479, Position=9, Grain=79]

Status: OK

Tn: 4846.5 +/- 119.87

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 58.36 +/- 6.4

RSE of Tn: 2.47 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 1.03 +/- 0.05

Recuperation 1: 0.72 +/- 0.06 (%)

Recuperation 2: 0.62 +/- 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 14.48

Average error in fit: 0.08

Reduced Chi-Square: 4.83

Figure Of Merit: 4.32 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

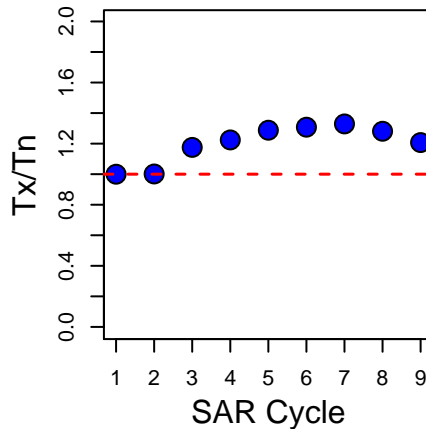
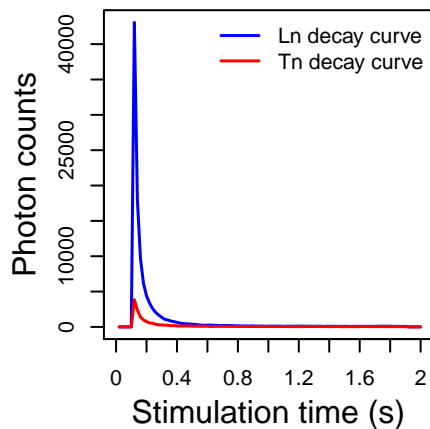
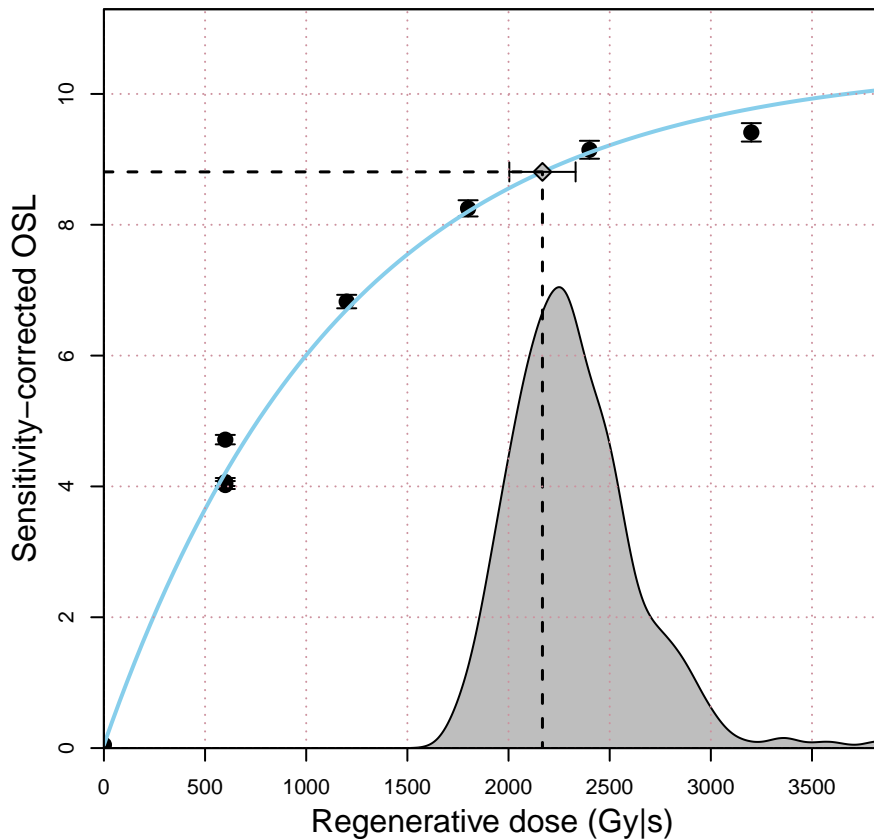
ED: 1397.98 +/- 259.79 (Gy/s)

RSE of ED: 18.58 (%)

95% interval: [1113.31, 2172.31]

68% interval: [1226.52, 1636.96]

Summary



ID: [NO=480, Position=9, Grain=80]

Status: OK

Tn: 9172.5 +/- 207.63

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 49.15 +/- 3.6

RSE of Tn: 2.26 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.86 +/- 0.04

Recycling ratio 2: 0.85 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 0.57 +/- 0.04 (%)

Recuperation 2: 0.53 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 18.12

Average error in fit: 0.09

Reduced Chi-Square: 6.04

Figure Of Merit: 3.03 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

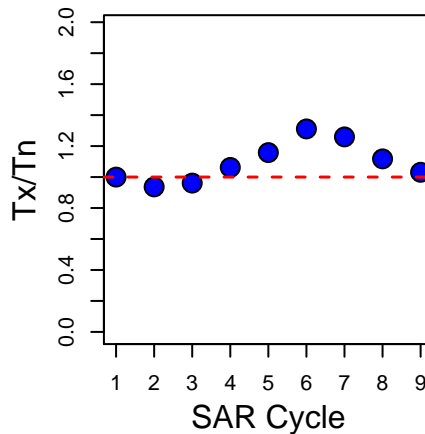
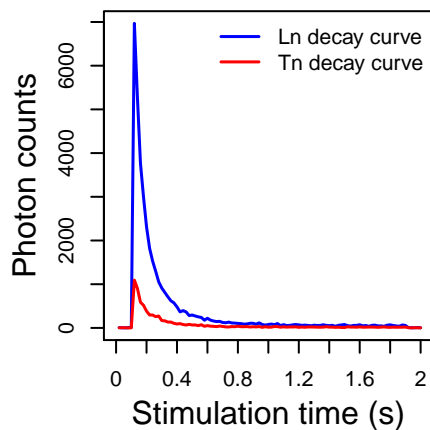
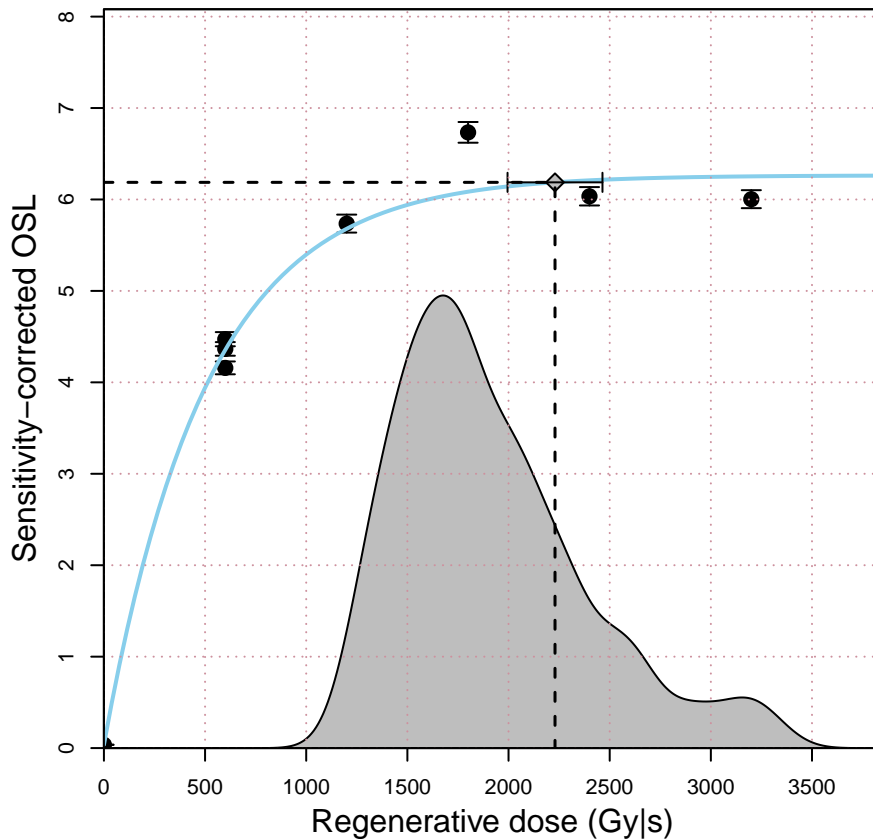
ED: 2167.66 +/- 327.77 (Gy/s)

RSE of ED: 15.12 (%)

95% interval: [1854.96, 3005.83]

68% interval: [2034.16, 2588.78]

Summary



ID: [NO=481, Position=9, Grain=81]

Status: OK

Tn: 3405 +/- 90.37

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 42.02 +/- 4.67

RSE of Tn: 2.65 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.04

Recycling ratio 2: 0.98 +/- 0.05

Recycling ratio 3: 1.05 +/- 0.05

Recuperation 1: 0.59 +/- 0.07 (%)

Recuperation 2: 0.54 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 13.21

Average error in fit: 0.09

Reduced Chi-Square: 4.4

Figure Of Merit: 3.89 (%)

calED method: Interpolation

MC acceptance-rate: 65.88 (%)

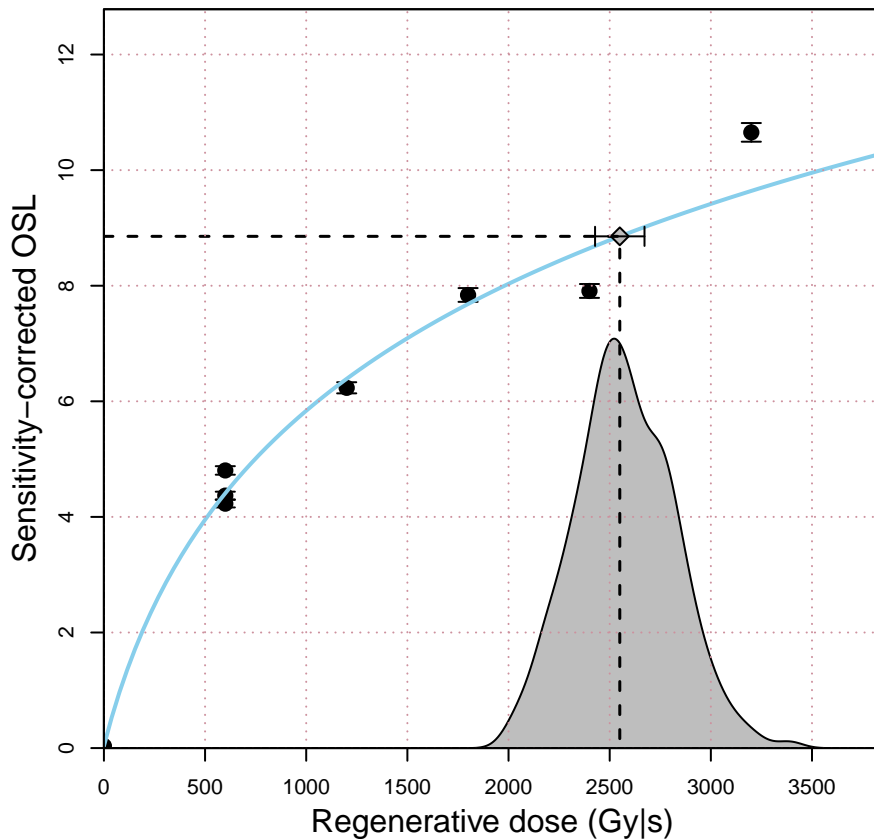
ED: 2229.75 +/- 469.25 (Gy/s)

RSE of ED: 21.04 (%)

95% interval: [1269.26, 3150.41]

68% interval: [1469.31, 2356.97]

Summary



ID: [NO=482, Position=9, Grain=82]

Status: OK

Tn: 7034 +/- 164.29

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 64.37 +/- 6.16

RSE of Tn: 2.34 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 1.14 +/- 0.05

Recycling ratio 2: 1.03 +/- 0.05

Recycling ratio 3: 0.91 +/- 0.04

Recuperation 1: 0.41 +/- 0.03 (%)

Recuperation 2: 0.34 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 29.58

Average error in fit: 0.17

Reduced Chi-Square: 9.86

Figure Of Merit: 5.87 (%)

calED method: Interpolation

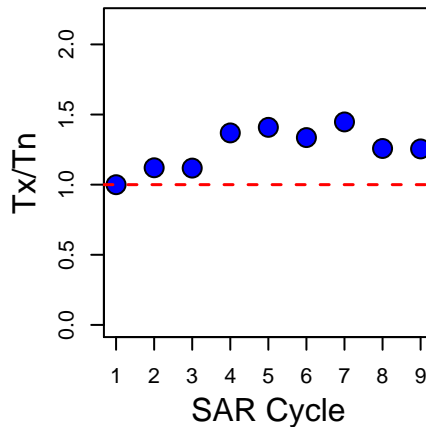
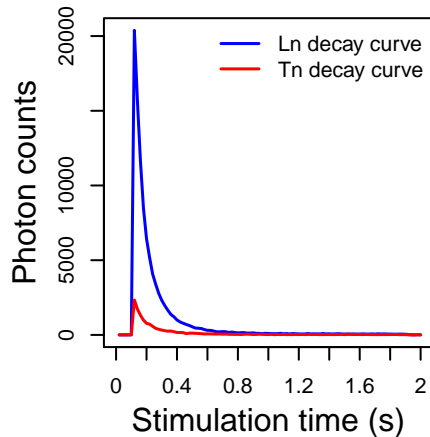
MC acceptance-rate: 100 (%)

ED: 2549.95 +/- 244.37 (Gy/s)

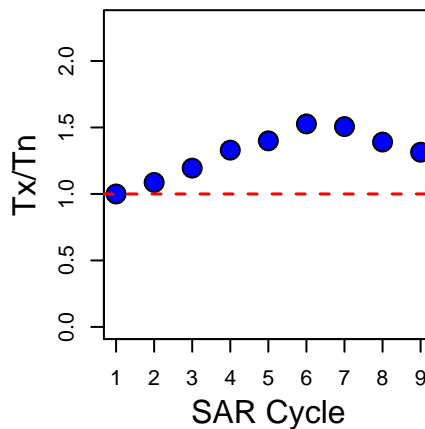
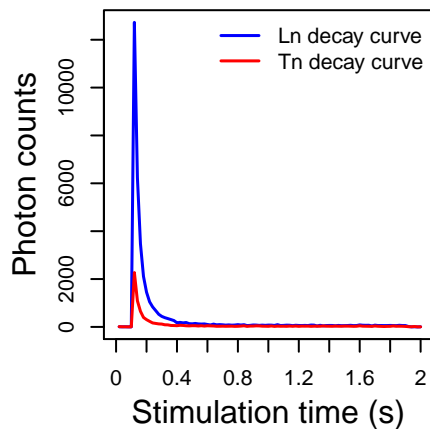
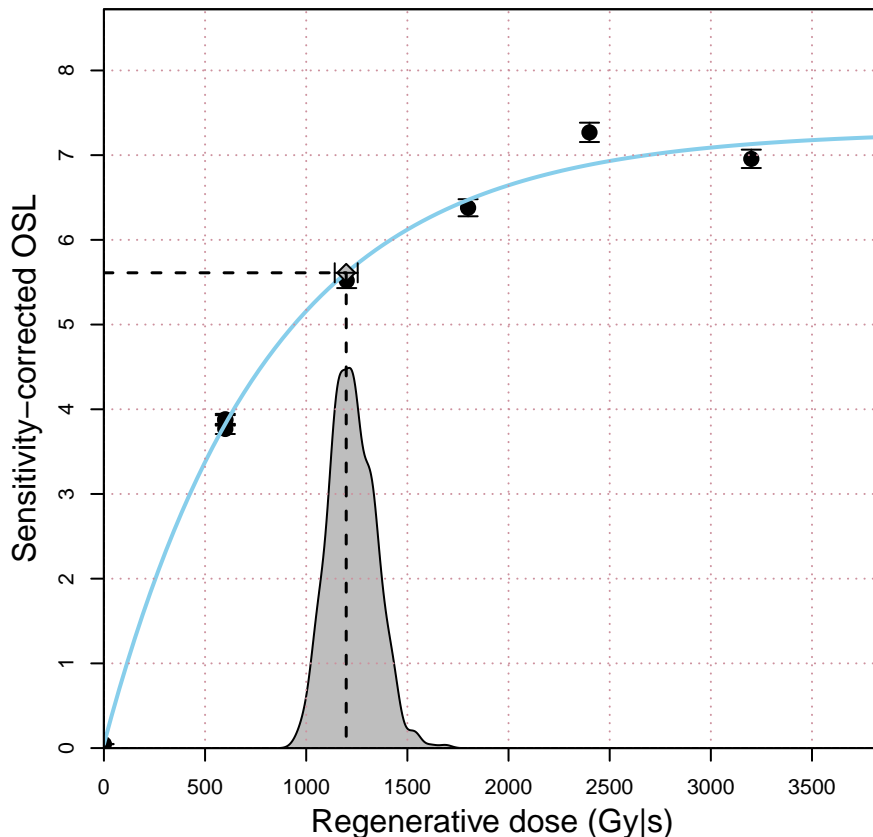
RSE of ED: 9.58 (%)

95% interval: [2109.34, 3068.58]

68% interval: [2327.53, 2822.42]



Summary



ID: [NO=483, Position=9, Grain=83]

Status: OK

Tn: 4582 \pm 114.78

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 36.52 \pm 3.26

RSE of Tn: 2.5 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.97 \pm 0.04

Recycling ratio 2: 1 \pm 0.05

Recycling ratio 3: 1.03 \pm 0.05

Recuperation 1: 0.84 \pm 0.07 (%)

Recuperation 2: 0.65 \pm 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.52

Average error in fit: 0.06

Reduced Chi-Square: 1.51

Figure Of Merit: 2.4 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

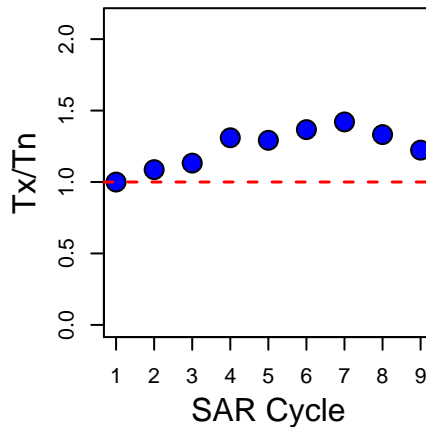
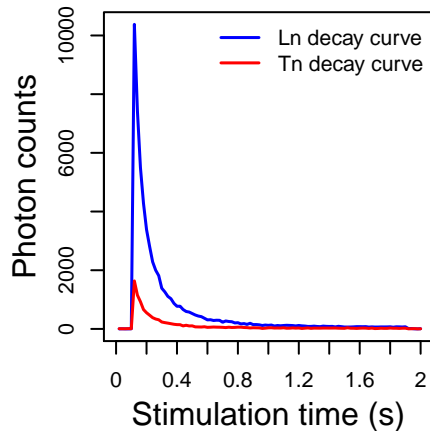
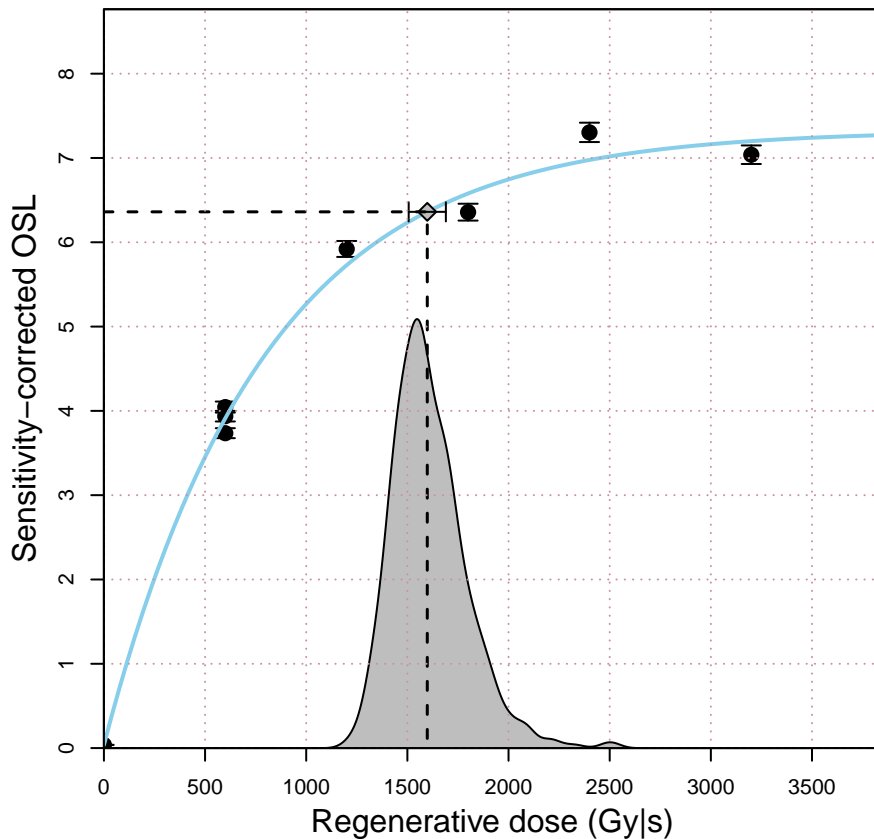
ED: 1197.65 \pm 113.63 (Gy/s)

RSE of ED: 9.49 (%)

95% interval: [1028.6, 1444.41]

68% interval: [1117.85, 1337.45]

Summary



ID: [NO=484, Position=9, Grain=84]

Status: OK

Tn: 4816 \pm 119.39

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 46.01 \pm 4.5

RSE of Tn: 2.48 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.92 \pm 0.04

Recycling ratio 2: 0.97 \pm 0.04

Recycling ratio 3: 1.05 \pm 0.05

Recuperation 1: 0.59 \pm 0.05 (%)

Recuperation 2: 0.52 \pm 0.05 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 8.13

Average error in fit: 0.06

Reduced Chi-Square: 2.71

Figure Of Merit: 3.23 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

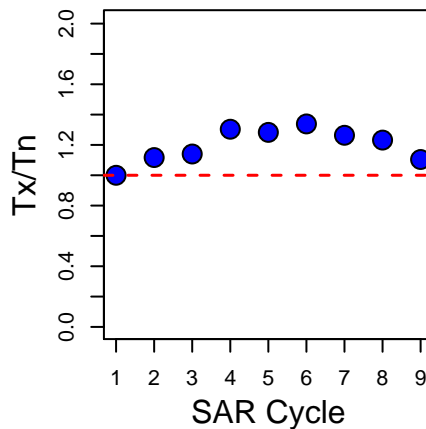
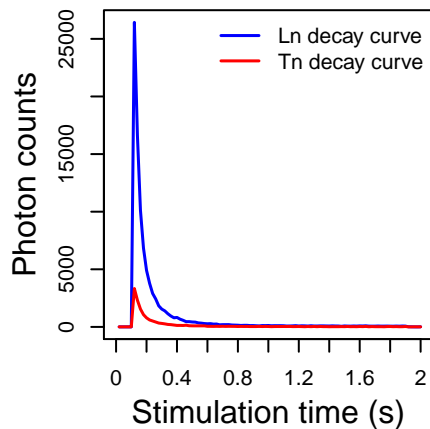
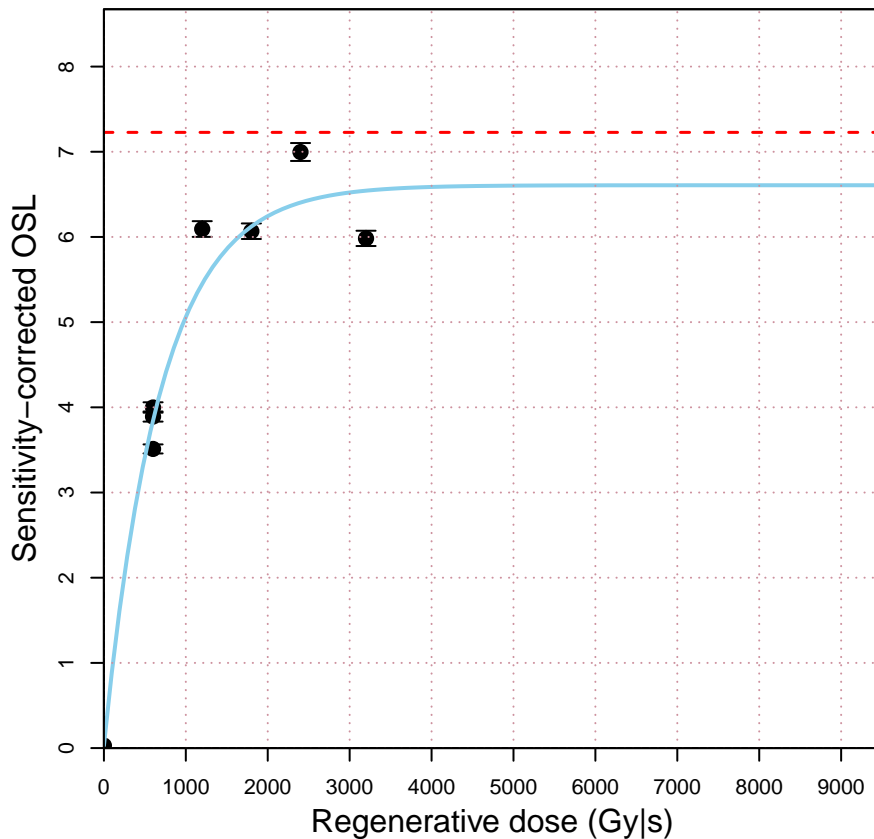
ED: 1598.33 \pm 183.74 (Gy/s)

RSE of ED: 11.5 (%)

95% interval: [1326.1, 2041.51]

68% interval: [1442.33, 1771.07]

Summary



ID: [NO=485, Position=9, Grain=85]

Status: Ln/Tn saturated

Tn: 8935 +/- 202.58

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 80.07 +/- 7.58

RSE of Tn: 2.27 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.88 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.04

Recycling ratio 3: 1.11 +/- 0.05

Recuperation 1: 0.41 +/- 0.03 (%)

Recuperation 2: 0.43 +/- 0.03 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 41.62

Average error in fit: 0.14

Reduced Chi-Square: 13.87

Figure Of Merit: 6.59 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

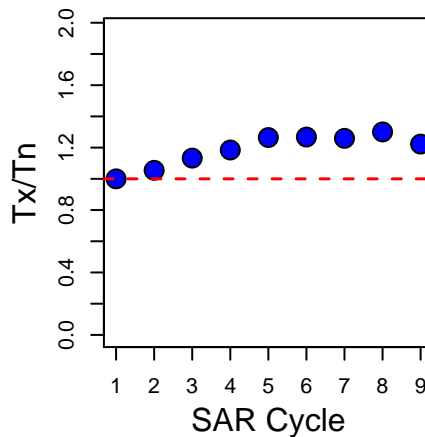
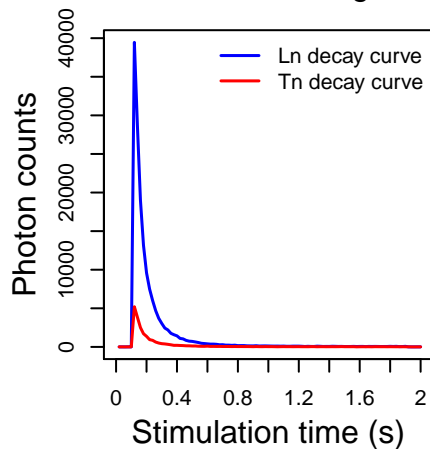
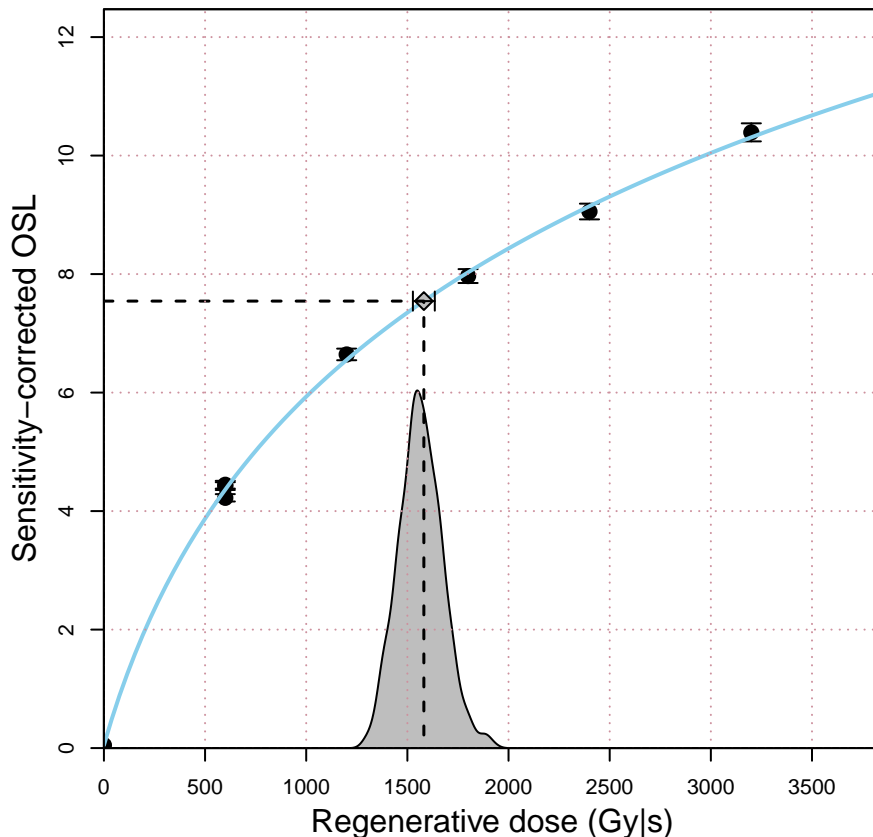
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=486, Position=9, Grain=86]
=====

Status: OK
=====

Tn: 14524 +/- 314.76
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 129.53 +/- 12.23
RSE of Tn: 2.17 (%)
Fast ratio of Tn: NA +/- NA
=====

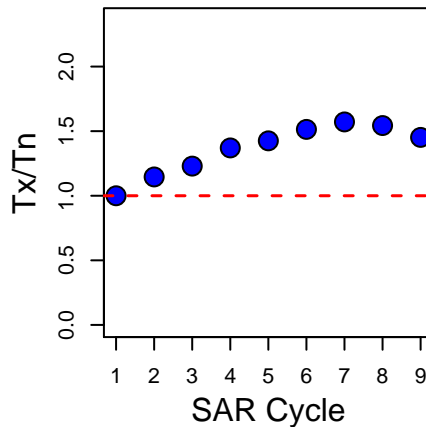
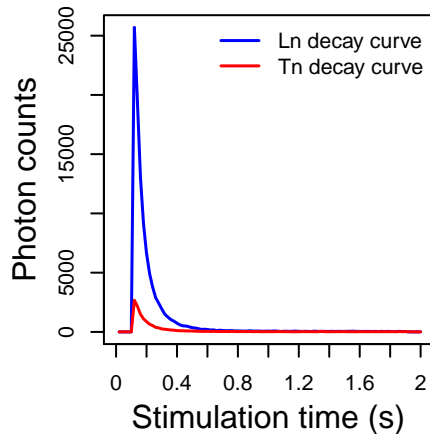
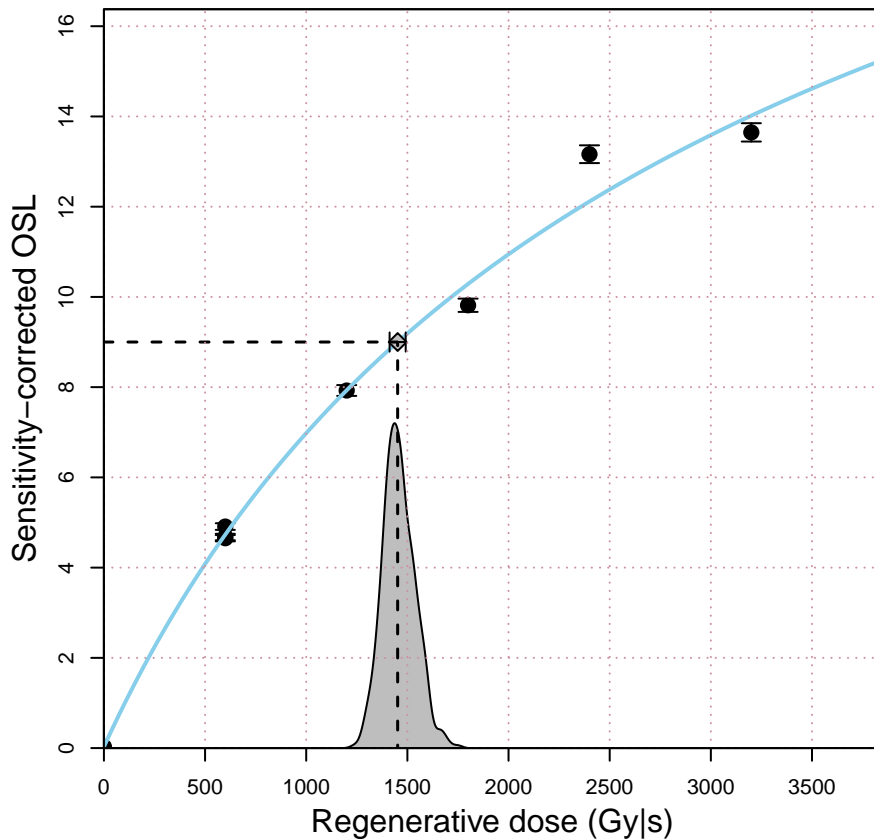
Recycling ratio 1: 0.96 +/- 0.04
Recycling ratio 2: 1.01 +/- 0.04
Recycling ratio 3: 1.05 +/- 0.04
=====

Recuperation 1: 0.67 +/- 0.04 (%)
Recuperation 2: 0.48 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 2.32
Average error in fit: 0.03
Reduced Chi-Square: 0.77
Figure Of Merit: 1.29 (%)
=====

calED method: Interpolation
MC acceptance-rate: 91.41 (%)
ED: 1581.46 +/- 108.25 (Gy/s)
RSE of ED: 6.85 (%)
95% interval: [1370.15, 1796.13]
68% interval: [1458.58, 1669.15]

Summary



ID: [NO=487, Position=9, Grain=87]

Status: OK

Tn: 8200 +/- 187.75

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 80.61 +/- 7.99

RSE of Tn: 2.29 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.99 +/- 0.04

Recycling ratio 2: 1.05 +/- 0.04

Recycling ratio 3: 1.06 +/- 0.04

Recuperation 1: 0.34 +/- 0.02 (%)

Recuperation 2: 0.22 +/- 0.02 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 12.43

Average error in fit: 0.15

Reduced Chi-Square: 4.14

Figure Of Merit: 3.77 (%)

calED method: Interpolation

MC acceptance-rate: 71.33 (%)

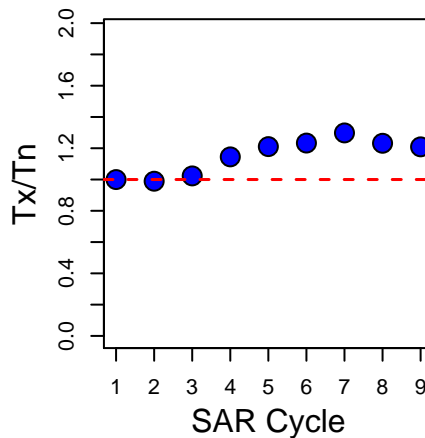
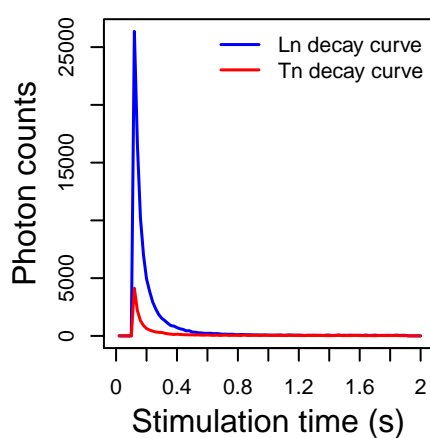
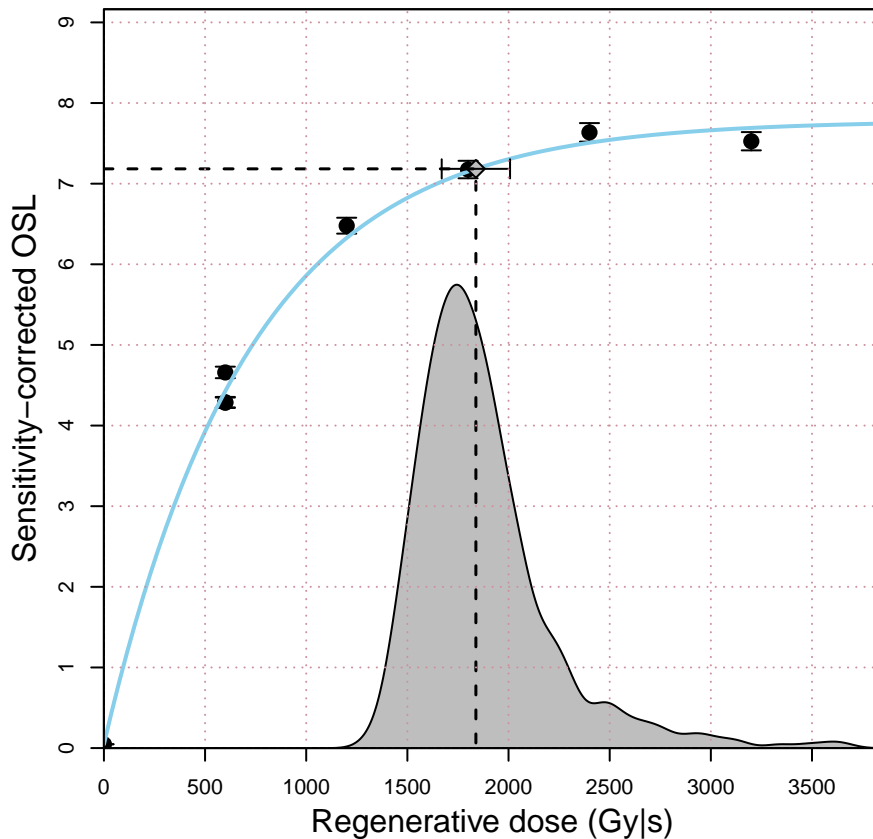
ED: 1451.9 +/- 79.61 (Gy/s)

RSE of ED: 5.48 (%)

95% interval: [1311, 1618.16]

68% interval: [1385.19, 1536.35]

Summary



ID: [NO=489, Position=9, Grain=89]

Status: OK

Tn: 9021 +/- 204.42

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 63.65 +/- 5.35

RSE of Tn: 2.27 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.92 +/- 0.04

Recycling ratio 2: 0.92 +/- 0.04

Recycling ratio 3: 1 +/- 0.04

Recuperation 1: 0.66 +/- 0.04 (%)

Recuperation 2: 0.62 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 6.45

Average error in fit: 0.05

Reduced Chi-Square: 2.15

Figure Of Merit: 2.34 (%)

calED method: Interpolation

MC acceptance-rate: 100 (%)

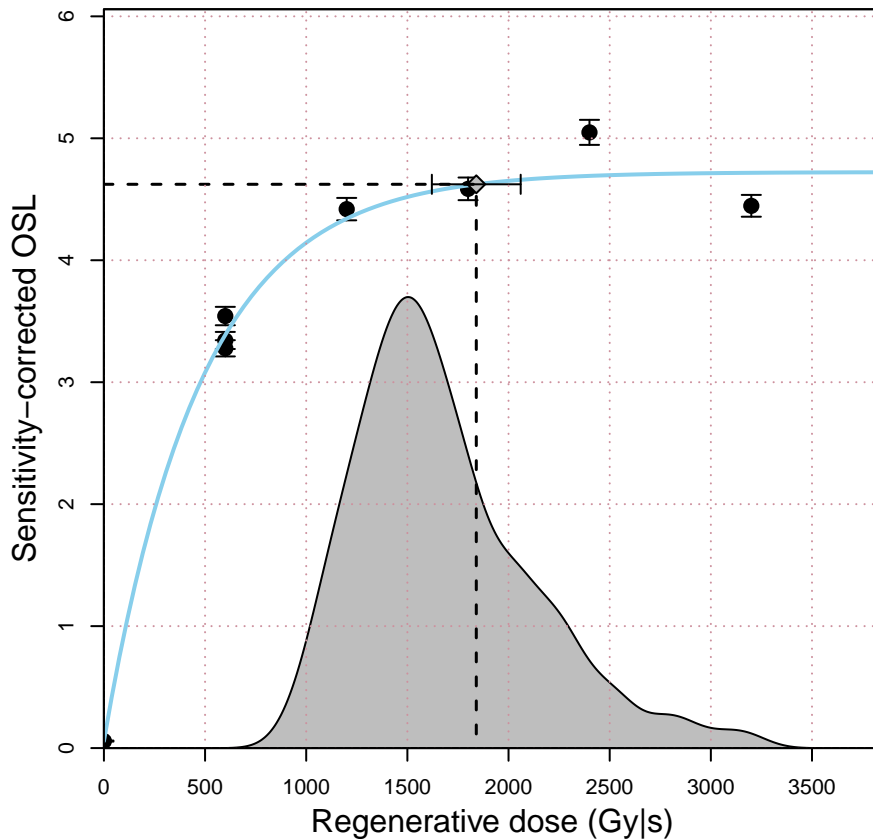
ED: 1838.59 +/- 337.72 (Gy/s)

RSE of ED: 18.37 (%)

95% interval: [1439.4, 2766.47]

68% interval: [1590.28, 2111.55]

Summary



ID: [NO=490, Position=9, Grain=90]
=====

Status: OK
=====

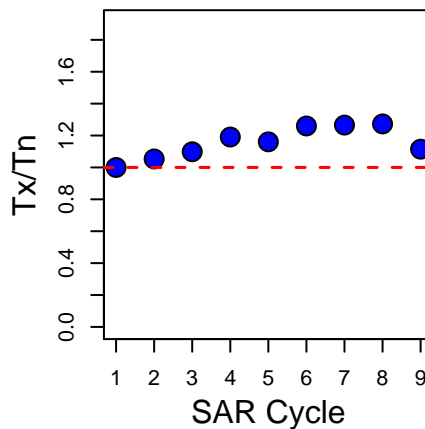
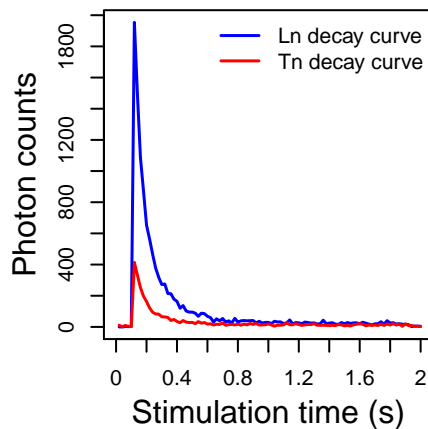
Tn: 1285.5 +/- 45.33
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 18.73 +/- 2.26
RSE of Tn: 3.53 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 0.93 +/- 0.05
Recycling ratio 2: 0.94 +/- 0.06
Recycling ratio 3: 1.02 +/- 0.06
=====

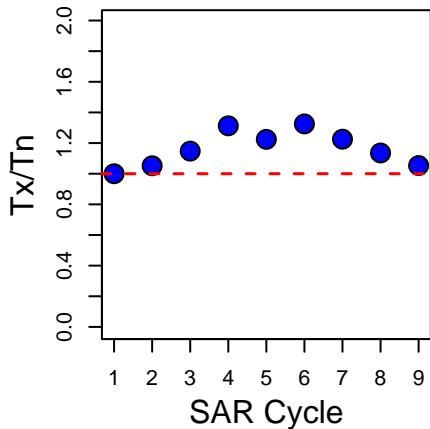
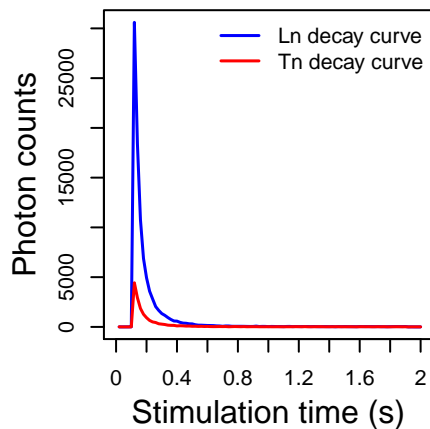
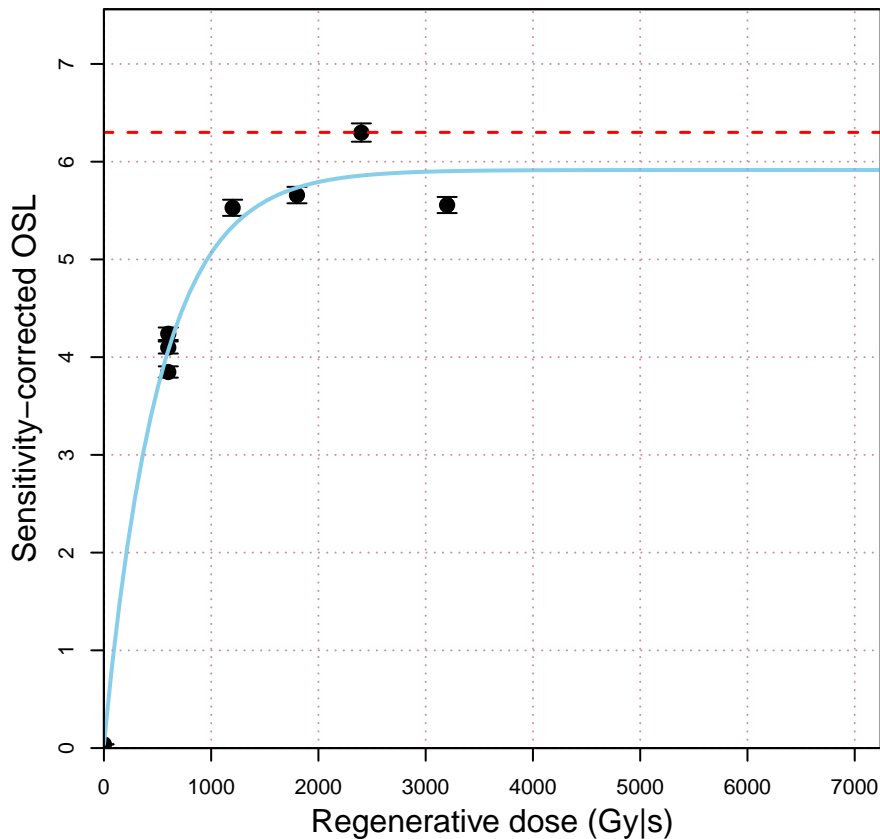
Recuperation 1: 1.24 +/- 0.19 (%)
Recuperation 2: 1.14 +/- 0.17 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 7.36
Average error in fit: 0.06
Reduced Chi-Square: 2.45
Figure Of Merit: 3.65 (%)
=====

calED method: Interpolation
MC acceptance-rate: 70.22 (%)
ED: 1840.61 +/- 439.05 (Gy/s)
RSE of ED: 23.85 (%)
95% interval: [1057.6, 2795.22]
68% interval: [1285.66, 2100.83]



Summary



ID: [NO=491, Position=9, Grain=91]

Status: Ln/Tn saturated

Tn: 11345 +/- 250.88

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 154.31 +/- 18

RSE of Tn: 2.21 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.91 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.04

Recycling ratio 3: 1.07 +/- 0.05

Recuperation 1: 0.61 +/- 0.04 (%)

Recuperation 2: 0.61 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 17.01

Average error in fit: 0.08

Reduced Chi-Square: 5.67

Figure Of Merit: 4.19 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

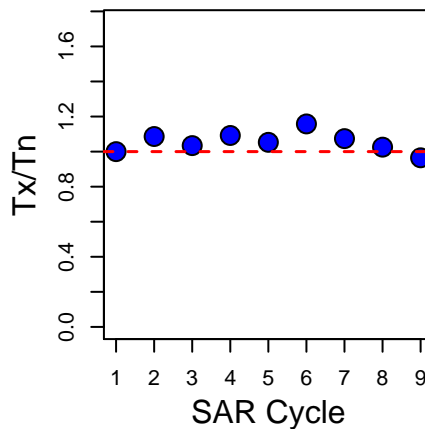
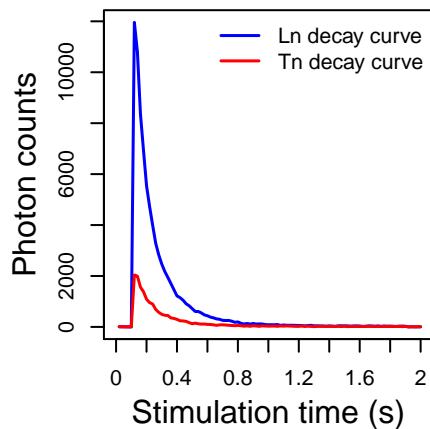
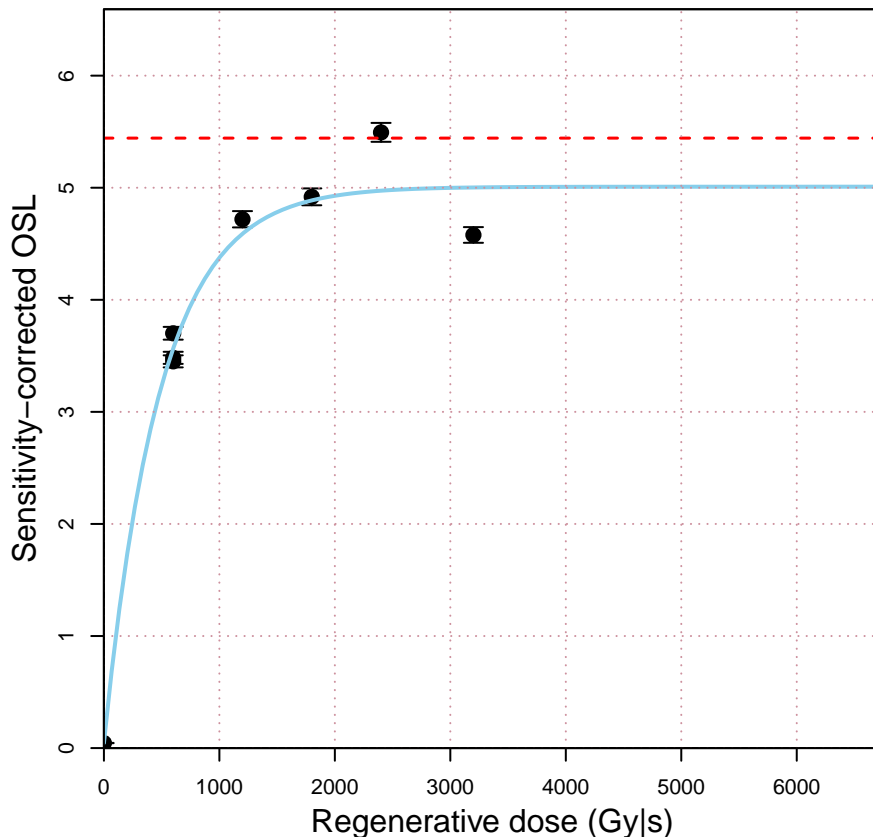
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=492, Position=9, Grain=92]

Status: Ln/Tn saturated

Tn: 7982.5 +/- 183.28

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 101.41 +/- 11.43

RSE of Tn: 2.3 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.94 +/- 0.04

Recycling ratio 2: 0.93 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 0.83 +/- 0.06 (%)

Recuperation 2: 0.82 +/- 0.06 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 22.65

Average error in fit: 0.09

Reduced Chi-Square: 7.55

Figure Of Merit: 4.77 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

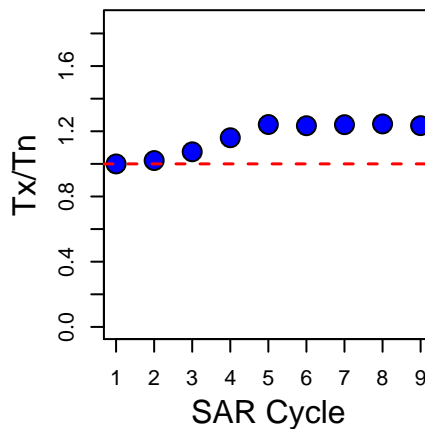
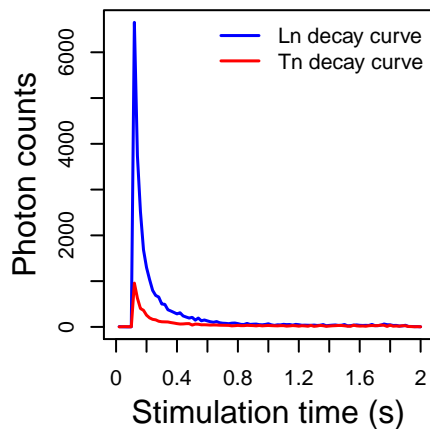
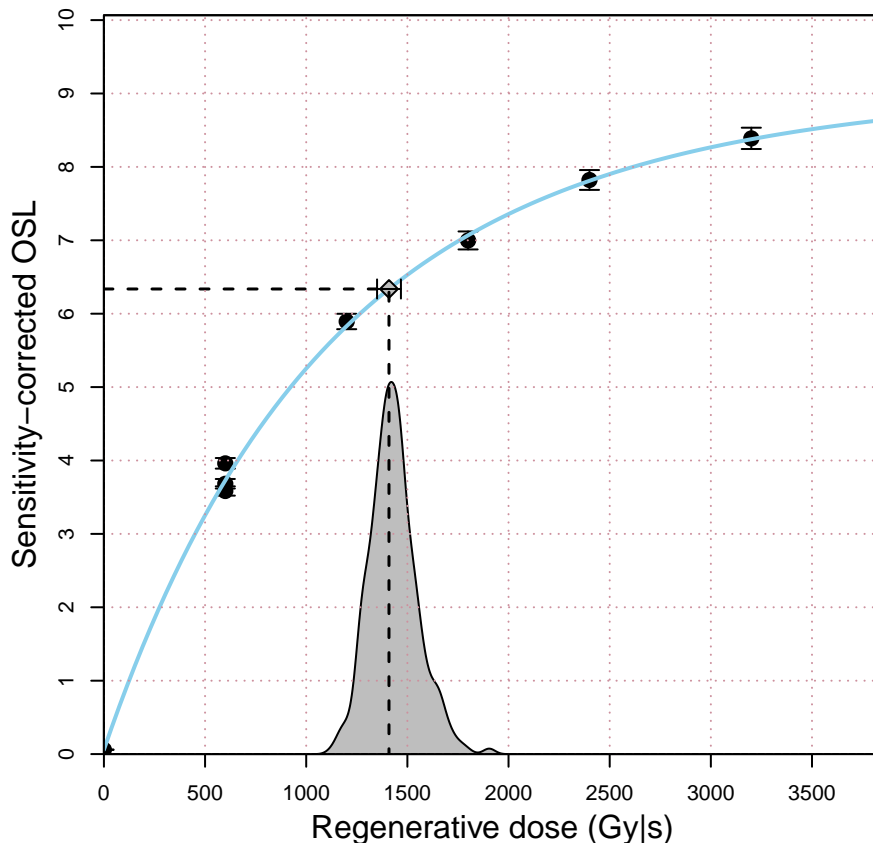
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=493, Position=9, Grain=93]

Status: OK

Tn: 2479 +/- 71.61

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 20.52 +/- 1.86

RSE of Tn: 2.89 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.93 +/- 0.05

Recycling ratio 2: 0.9 +/- 0.05

Recycling ratio 3: 0.97 +/- 0.05

Recuperation 1: 0.94 +/- 0.11 (%)

Recuperation 2: 0.71 +/- 0.08 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 4.19

Average error in fit: 0.04

Reduced Chi-Square: 1.4

Figure Of Merit: 1.43 (%)

calED method: Interpolation

MC acceptance-rate: 99.4 (%)

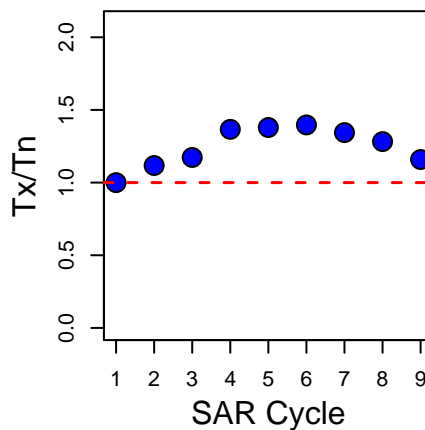
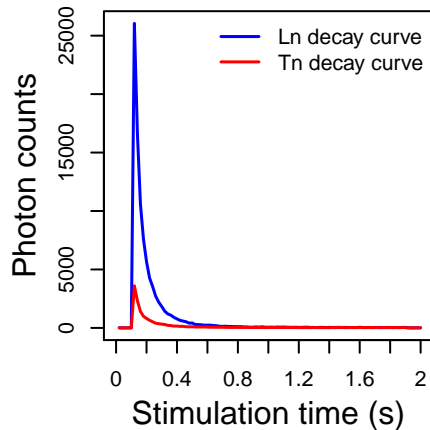
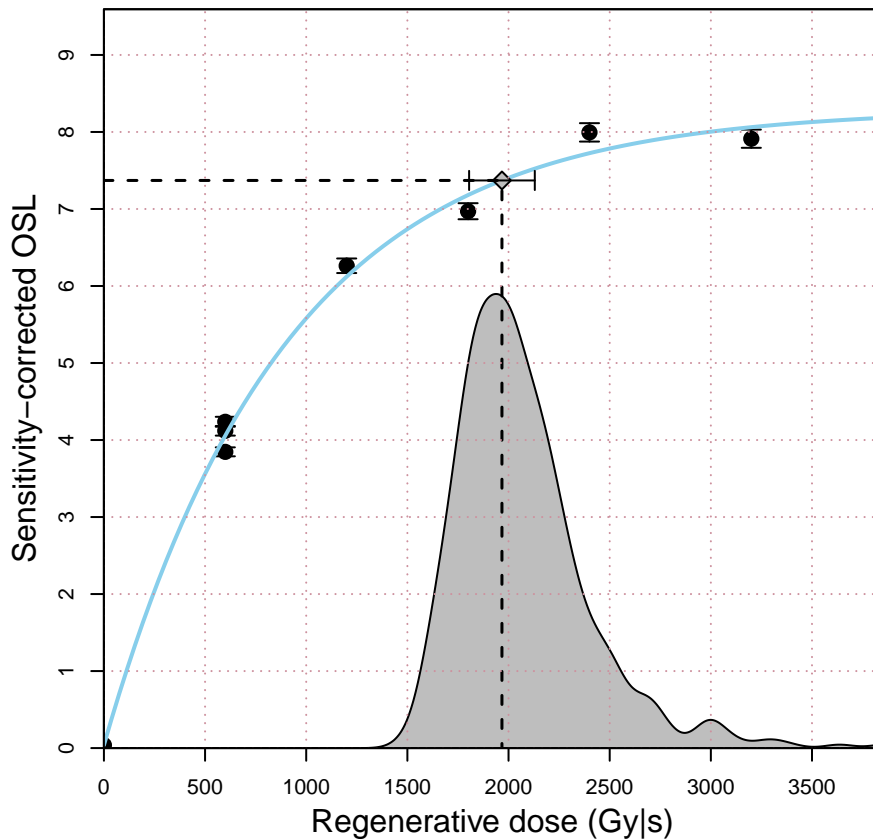
ED: 1409.09 +/- 117.96 (Gy/s)

RSE of ED: 8.37 (%)

95% interval: [1222.51, 1682.8]

68% interval: [1318.22, 1538.56]

Summary



ID: [NO=494, Position=9, Grain=94]
=====

Status: OK
=====

Tn: 8995.5 +/- 203.9
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 64.57 +/- 5.47
RSE of Tn: 2.27 (%)
Fast ratio of Tn: NA +/- NA
=====

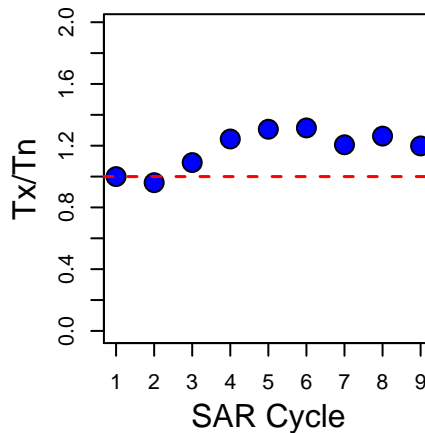
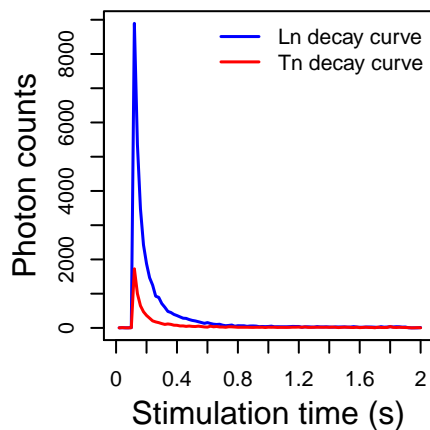
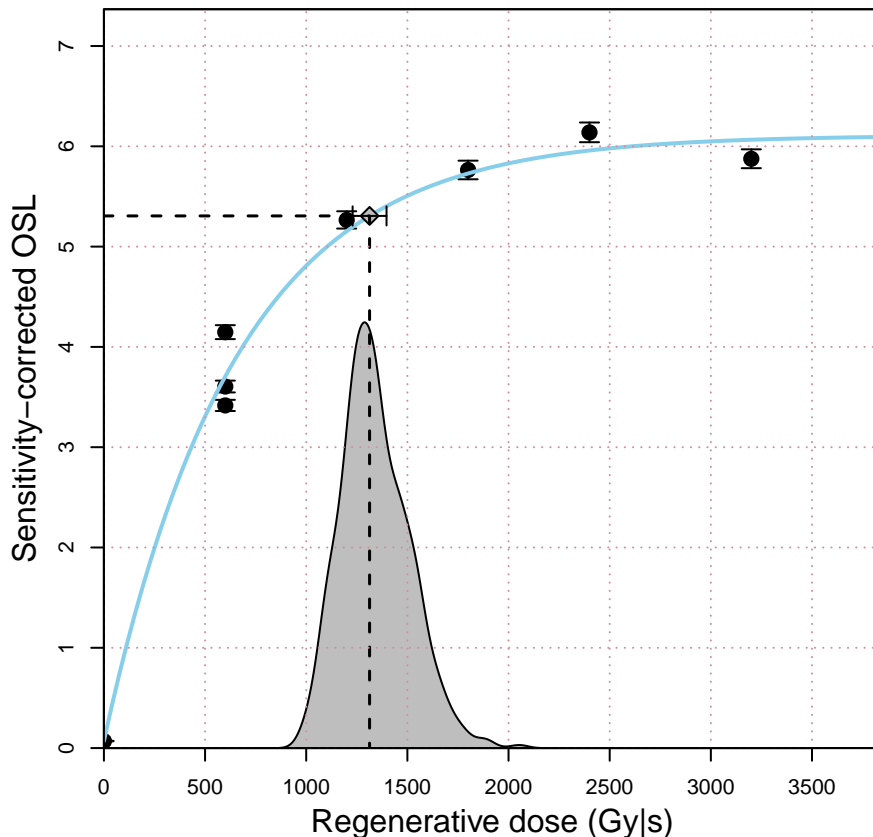
Recycling ratio 1: 0.91 +/- 0.04
Recycling ratio 2: 0.97 +/- 0.04
Recycling ratio 3: 1.07 +/- 0.05
=====

Recuperation 1: 0.53 +/- 0.04 (%)
Recuperation 2: 0.49 +/- 0.03 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 8.74
Average error in fit: 0.06
Reduced Chi-Square: 2.91
Figure Of Merit: 2.96 (%)
=====

calED method: Interpolation
MC acceptance-rate: 99.8 (%)
ED: 1967.45 +/- 324.65 (Gy|s)
RSE of ED: 16.5 (%)
95% interval: [1623.49, 2979.36]
68% interval: [1784.37, 2326.67]

Summary



ID: [NO=495, Position=9, Grain=95]
=====

Status: OK
=====

Tn: 4127 +/- 105.19
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 50.13 +/- 5.52
RSE of Tn: 2.55 (%)
Fast ratio of Tn: NA +/- NA
=====

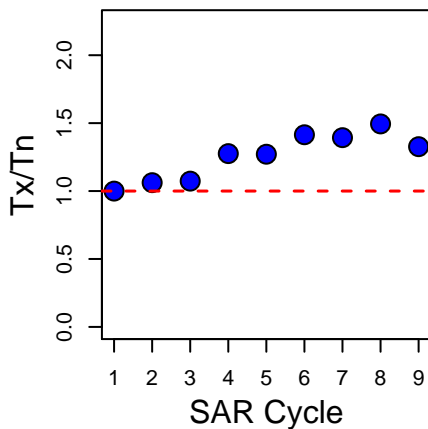
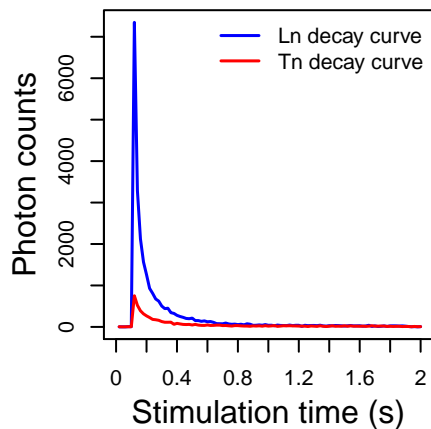
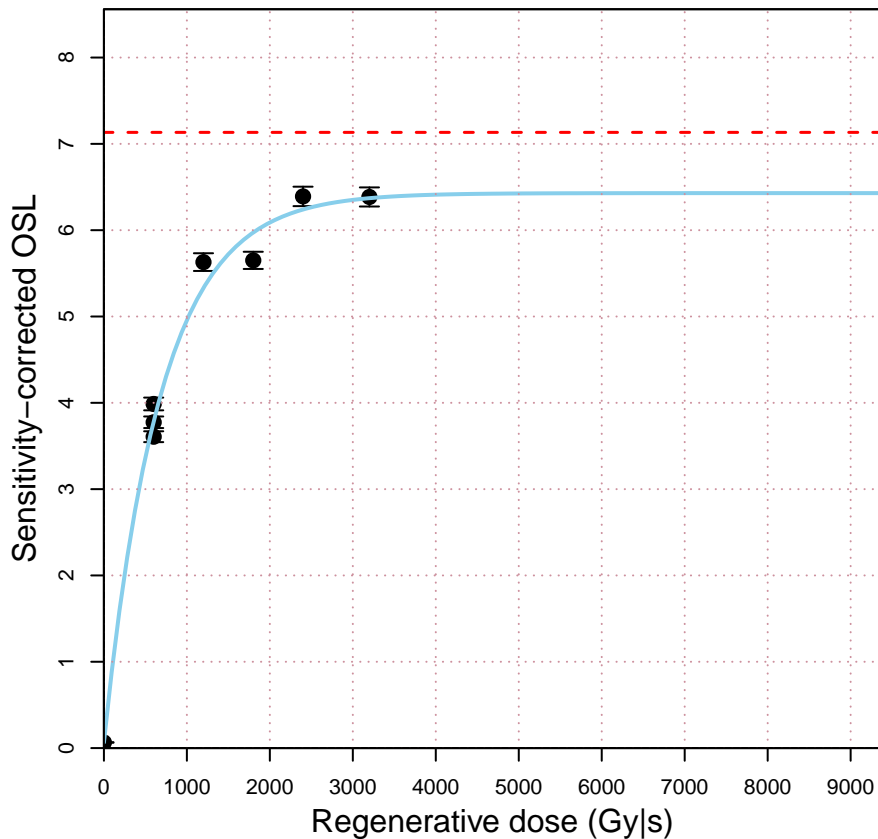
Recycling ratio 1: 0.82 +/- 0.04
Recycling ratio 2: 0.87 +/- 0.04
Recycling ratio 3: 1.06 +/- 0.05
=====

Recuperation 1: 1.32 +/- 0.1 (%)
Recuperation 2: 1.14 +/- 0.09 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 19.93
Average error in fit: 0.08
Reduced Chi-Square: 6.64
Figure Of Merit: 3.96 (%)
=====

calED method: Interpolation
MC acceptance-rate: 99.8 (%)
ED: 1313.1 +/- 167.73 (Gy/s)
RSE of ED: 12.77 (%)
95% interval: [1071.81, 1702.09]
68% interval: [1182.04, 1514.82]

Summary



ID: [NO=496, Position=9, Grain=96]

Status: Ln/Tn saturated

Tn: 2170.5 \pm 64.53

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 30.94 \pm 3.69

RSE of Tn: 2.97 (%)

Fast ratio of Tn: NA \pm NA

Recycling ratio 1: 0.9 \pm 0.05

Recycling ratio 2: 0.95 \pm 0.05

Recycling ratio 3: 1.05 \pm 0.05

Recuperation 1: 0.91 \pm 0.1 (%)

Recuperation 2: 1.02 \pm 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 9.09

Average error in fit: 0.07

Reduced Chi-Square: 3.03

Figure Of Merit: 3.33 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

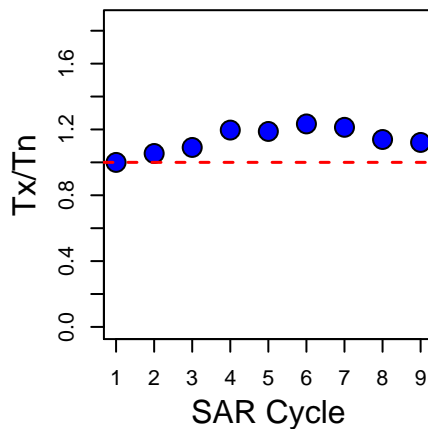
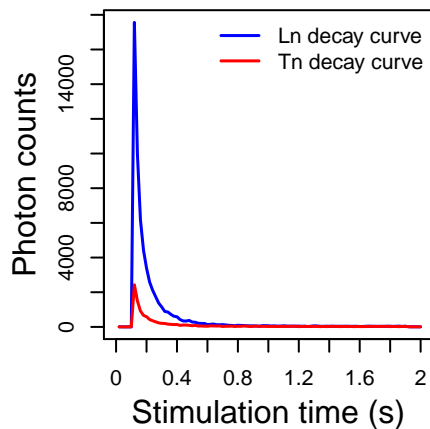
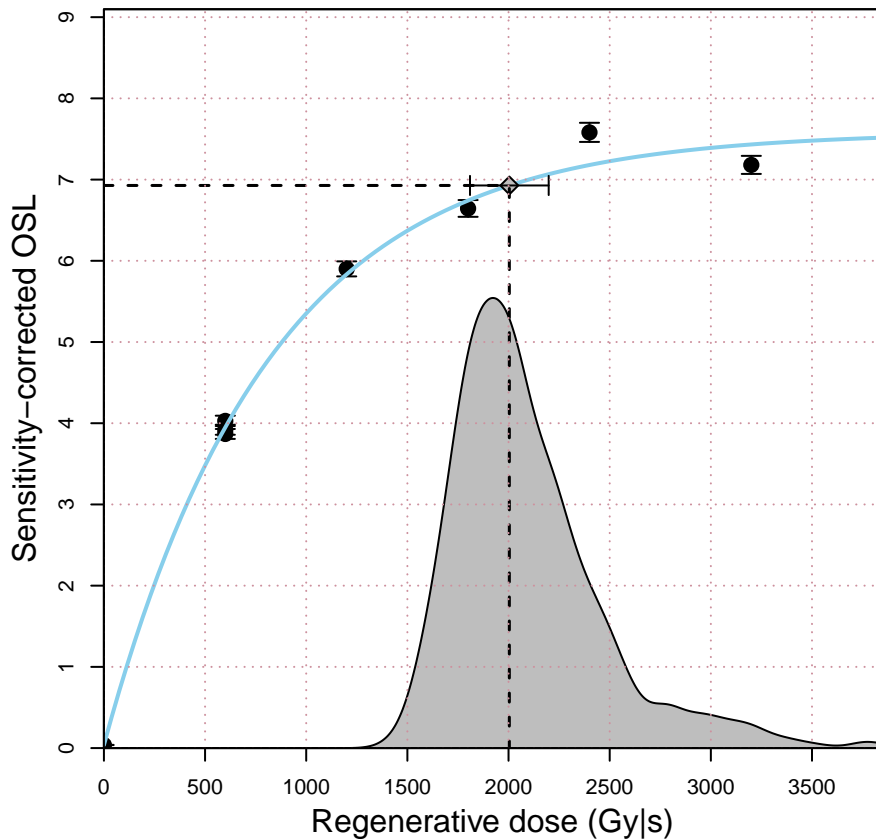
ED: Inf \pm NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=497, Position=9, Grain=97]

Status: OK

Tn: 5969.5 +/- 142.89

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 47.1 +/- 4.18

RSE of Tn: 2.39 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.97 +/- 0.04

Recycling ratio 2: 0.96 +/- 0.04

Recycling ratio 3: 0.99 +/- 0.04

Recuperation 1: 0.55 +/- 0.05 (%)

Recuperation 2: 0.5 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 5.44

Average error in fit: 0.06

Reduced Chi-Square: 1.81

Figure Of Merit: 2.58 (%)

calED method: Interpolation

MC acceptance-rate: 98.04 (%)

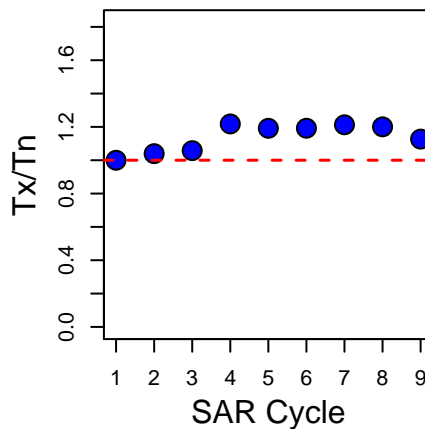
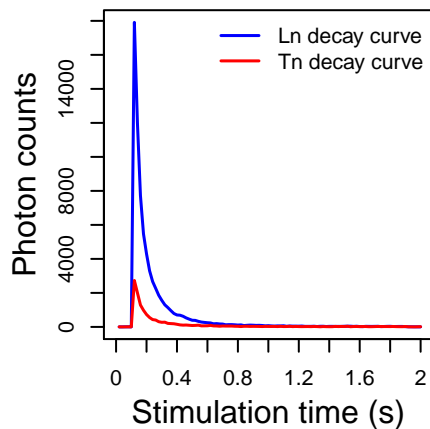
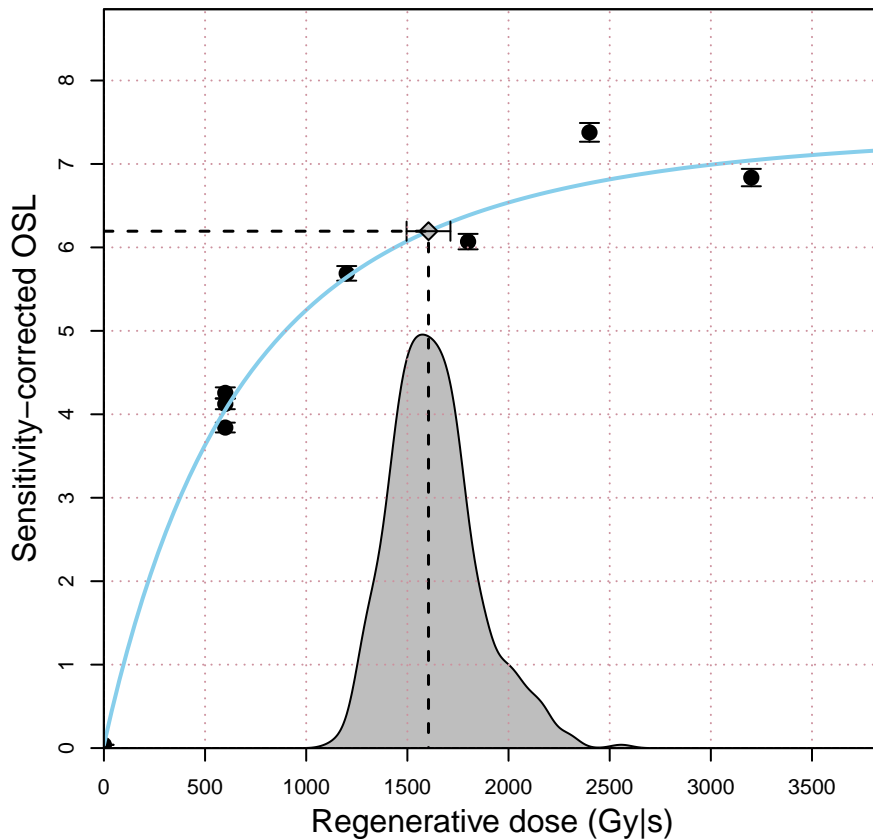
ED: 2003.96 +/- 388.93 (Gy/s)

RSE of ED: 19.41 (%)

95% interval: [1589.64, 3140.04]

68% interval: [1773.01, 2405.11]

Summary



ID: [NO=498, Position=9, Grain=98]

Status: OK

Tn: 7635 +/- 176.36

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 77.35 +/- 7.78

RSE of Tn: 2.31 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.9 +/- 0.04

Recycling ratio 2: 0.97 +/- 0.04

Recycling ratio 3: 1.07 +/- 0.05

Recuperation 1: 0.64 +/- 0.05 (%)

Recuperation 2: 0.54 +/- 0.04 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 17.2

Average error in fit: 0.1

Reduced Chi-Square: 5.73

Figure Of Merit: 4.36 (%)

calED method: Interpolation

MC acceptance-rate: 99.8 (%)

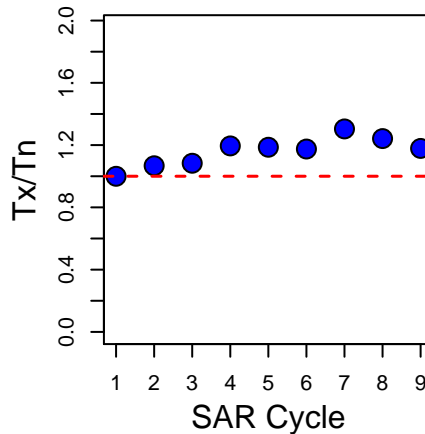
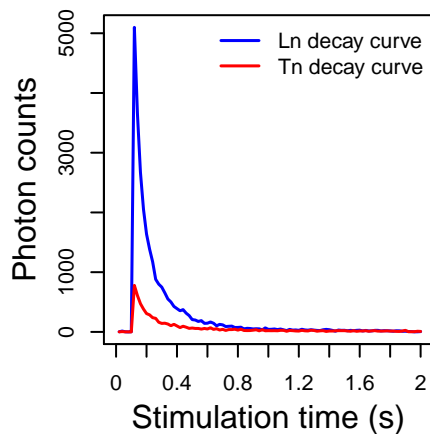
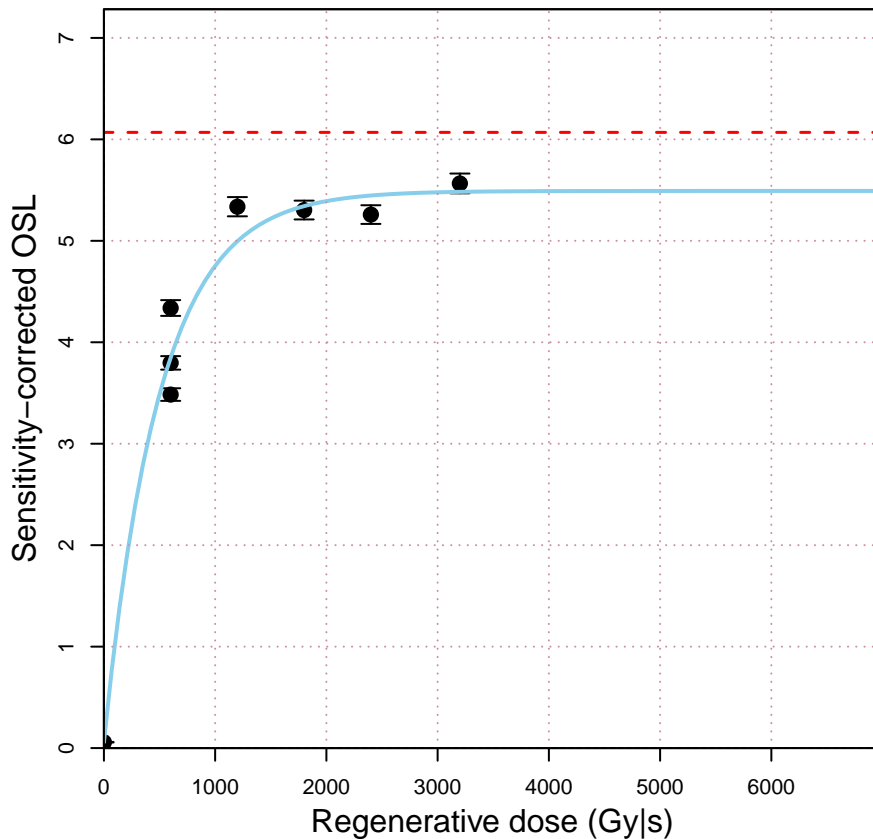
ED: 1604.44 +/- 216.7 (Gy/s)

RSE of ED: 13.51 (%)

95% interval: [1278.97, 2153.81]

68% interval: [1431.76, 1837.15]

Summary



ID: [NO=499, Position=9, Grain=99]

Status: Ln/Tn saturated

Tn: 2477.5 +/- 71

Tn above 3 sigma BG: TRUE

Ratio of Tn to BG: 35.17 +/- 4.19

RSE of Tn: 2.87 (%)

Fast ratio of Tn: NA +/- NA

Recycling ratio 1: 0.88 +/- 0.04

Recycling ratio 2: 0.8 +/- 0.04

Recycling ratio 3: 0.92 +/- 0.05

Recuperation 1: 0.95 +/- 0.1 (%)

Recuperation 2: 1.03 +/- 0.11 (%)

Fit model: gok

Pass origin: FALSE

Weighted fit: TRUE

Minimized value: 23.22

Average error in fit: 0.09

Reduced Chi-Square: 7.74

Figure Of Merit: 4.74 (%)

calED method: Extrapolation

MC acceptance-rate: NULL (%)

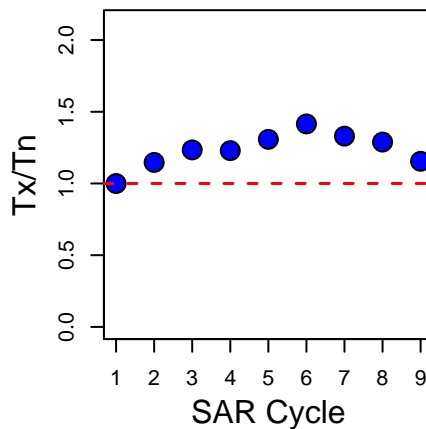
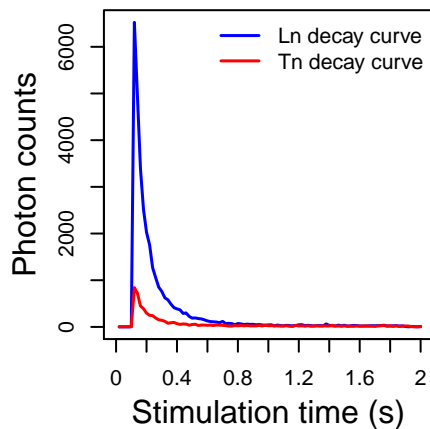
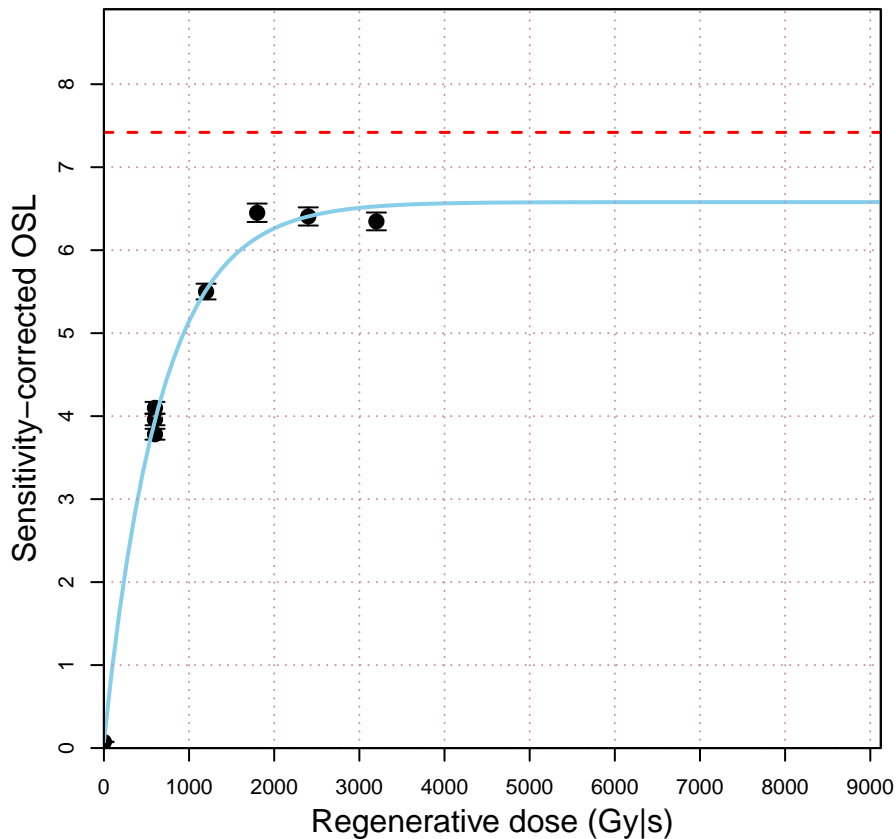
ED: Inf +/- NA (Gy/s)

RSE of ED: NA (%)

95% interval: [-Inf, +Inf]

68% interval: [-Inf, +Inf]

Summary



ID: [NO=500, Position=9, Grain=100]
=====

Status: Ln/Tn saturated
=====

Tn: 2601 +/- 73.84
Tn above 3 sigma BG: TRUE
Ratio of Tn to BG: 27.81 +/- 2.87
RSE of Tn: 2.84 (%)
Fast ratio of Tn: NA +/- NA
=====

Recycling ratio 1: 0.92 +/- 0.05
Recycling ratio 2: 0.97 +/- 0.05
Recycling ratio 3: 1.05 +/- 0.05
=====

Recuperation 1: 1.01 +/- 0.1 (%)
Recuperation 2: 1.16 +/- 0.11 (%)
=====

Fit model: gok
Pass origin: FALSE
Weighted fit: TRUE
Minimized value: 5.3
Average error in fit: 0.05
Reduced Chi-Square: 1.77
Figure Of Merit: 2.25 (%)
=====

calED method: Extrapolation
MC acceptance-rate: NULL (%)
ED: Inf +/- NA (Gy/s)
RSE of ED: NA (%)
95% interval: [-Inf, +Inf]
68% interval: [-Inf, +Inf]

Summary