

Measurements taken 88 calendar days since BOC.

Data Passes (pass id, power [MWt], boron [ppm], control bank A/B/C/D/E positions [step])

- 1 3049.0 630. 228. 228. 228. 217. 230.
- 2 3055.3 631. 228. 228. 228. 217. 230.
- 3 3055.4 639. 228. 228. 228. 217. 230.
- 4 3050.7 634. 228. 228. 228. 217. 230.
- 5 3049.4 630. 228. 228. 228. 217. 230.
- 6 3045.7 634. 228. 228. 228. 217. 230.
- 7 3043.9 634. 228. 228. 228. 217. 230.
- 8 3048.1 630. 228. 228. 228. 217. 230.
- 9 3048.4 631. 228. 228. 228. 217. 230.
- 10 3046.7 630. 228. 228. 228. 217. 230.
- 11 3061.2 631. 228. 228. 228. 217. 230.
- 12 3059.6 631. 228. 228. 228. 217. 230.
- 13 3058.7 636. 228. 228. 228. 217. 230.

Average Power [MWt]: 3051.7

Inlet Coolant Temperature [°F]: 560.0

Core Burnup [MWD/MT]: 878.7

Average Boron [ppm]: 632.384615385

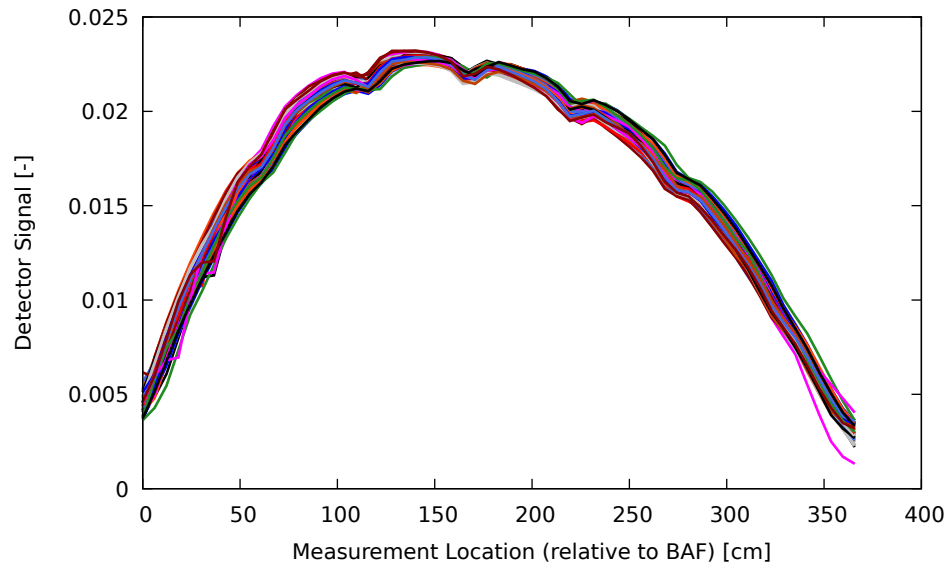


Figure 1: Renormalized data after spline

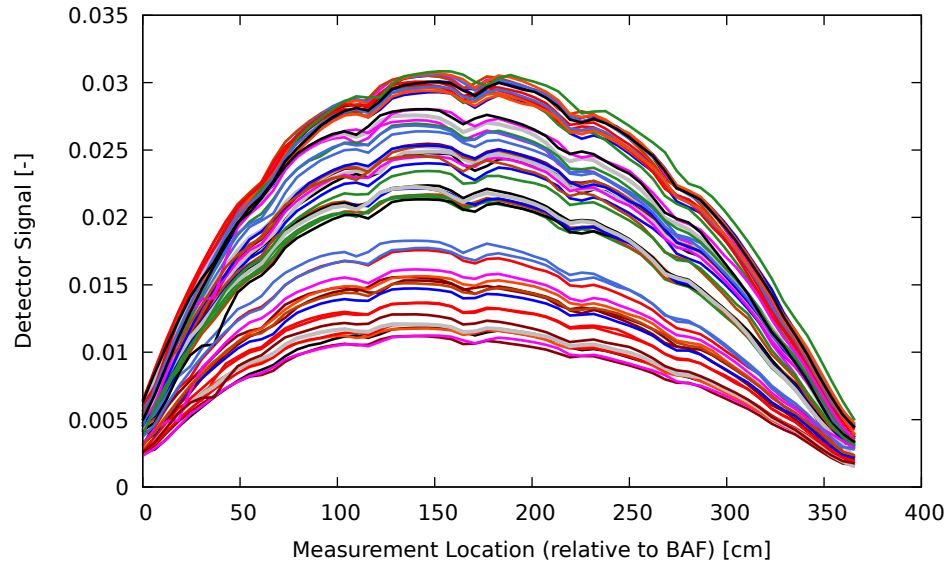


Figure 2: Unnormalized data after spline

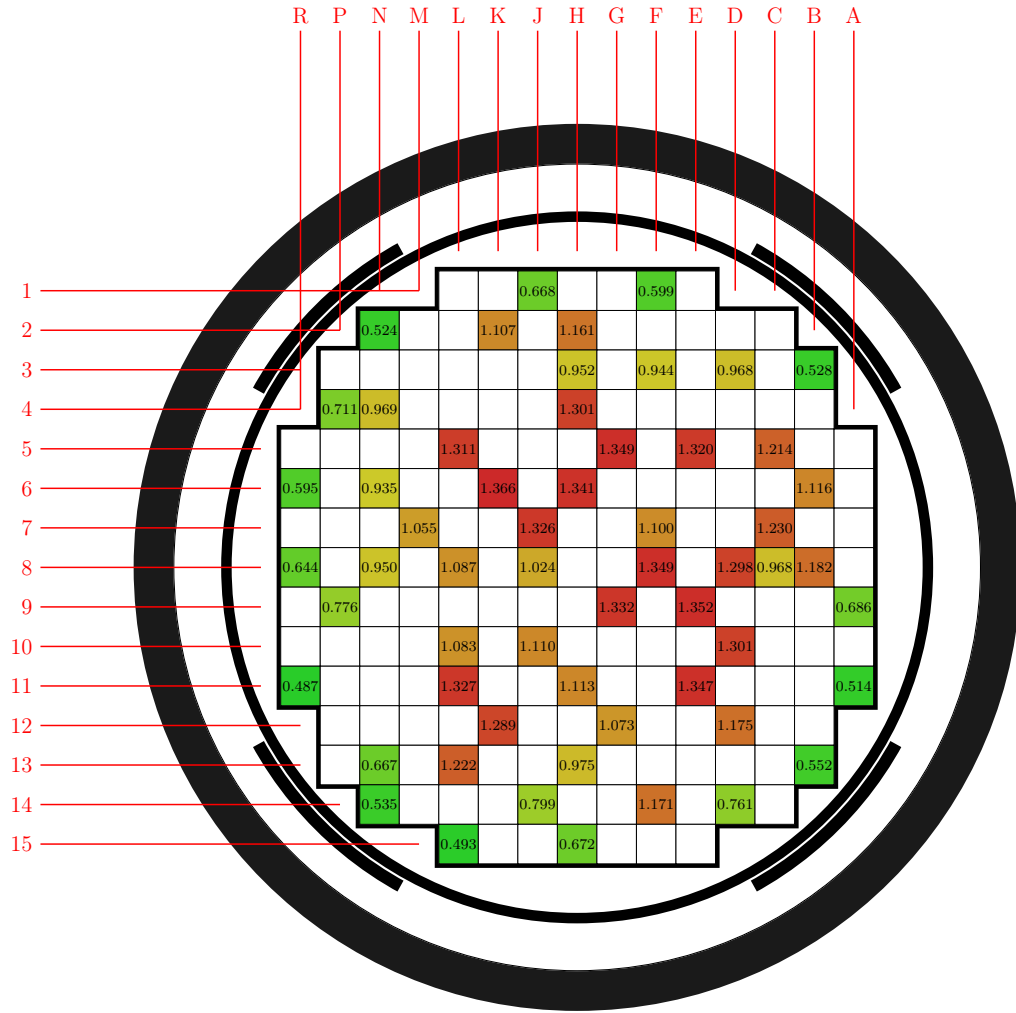


Figure 3: Radial detector measurements (axially integrated).

J1	0.668		F1	0.599
N2	0.524		K2	1.107
H2	1.161		H3	0.952
F3	0.944		D3	0.968
B3	0.528		P4	0.711
N4	0.969		H4	1.301
L5	1.311		G5	1.349
E5	1.320		C5	1.214
R6	0.595		N6	0.935
K6	1.366		H6	1.341
B6	1.116		M7	1.055
J7	1.326		F7	1.100
C7	1.230		R8	0.644
N8	0.950		L8	1.087
J8	1.024		F8	1.349
D8	1.298		C8	0.968
B8	1.182		P9	0.776
G9	1.332		E9	1.352
A9	0.686		L10	1.083
J10	1.110		D10	1.301
R11	0.487		L11	1.327
H11	1.113		E11	1.347
A11	0.514		K12	1.289
G12	1.073		D12	1.175
N13	0.667		L13	1.222
H13	0.975		B13	0.552
N14	0.535		J14	0.799
F14	1.171		D14	0.761
L15	0.493		H15	0.672

Table 1: Full core radial detector measurements (axially integrated).

	H	G	F	E	D	C	B	A
8		1.024 — 1	1.345 0.006 2	1.100 0.018 2	1.299 0.002 2	0.961 0.012 4	1.171 0.015 2	0.658 0.020 2
9	1.024 — 1	1.329 0.004 2	1.110 — 1	1.351 0.002 2	1.055 — 1		0.799 — 1	0.686 — 1
10	1.345 0.006 2	1.100 — 1	1.366 — 1		1.295 0.009 2	0.939 0.007 2		0.597 0.003 2
11	1.100 0.018 2		1.083 — 1	1.326 0.016 4		1.222 — 1		0.504 0.015 2
12	1.299 0.002 2	1.073 — 1			1.175 — 1	0.968 0.001 2	0.711 — 1	
13	0.961 0.012 4	1.230 — 1		1.214 — 1		0.667 — 1	0.543 0.012 2	
14	1.171 0.015 2	0.776 — 1	1.131 0.034 3		0.761 — 1	0.526 0.003 2		
15	0.658 0.020 2	0.668 — 1		0.487 — 1				

Figure 4: Quarter core (full core folded) radial measurements.

D14	0.761		H9	1.024
D10	1.295		D12	1.175
E11	1.326		E13	1.214
E15	0.487		B12	0.711
B13	0.543		C13	0.667
C12	0.968		C11	1.222
C10	0.939		F9	1.110
F8	1.345		C14	0.526
F11	1.083		A11	0.504
A10	0.597		F14	1.131
E8	1.100		E9	1.351
H10	1.345		H11	1.100
H12	1.299		H13	0.961
H14	1.171		H15	0.658
D9	1.055		D8	1.299
C8	0.961		B9	0.799
B8	1.171		G15	0.668
G14	0.776		G13	1.230
G12	1.073		G10	1.100
A8	0.658		A9	0.686
F10	1.366		G8	1.024
G9	1.329			

Table 2: Quarter core radial detector measurements (axially integrated).

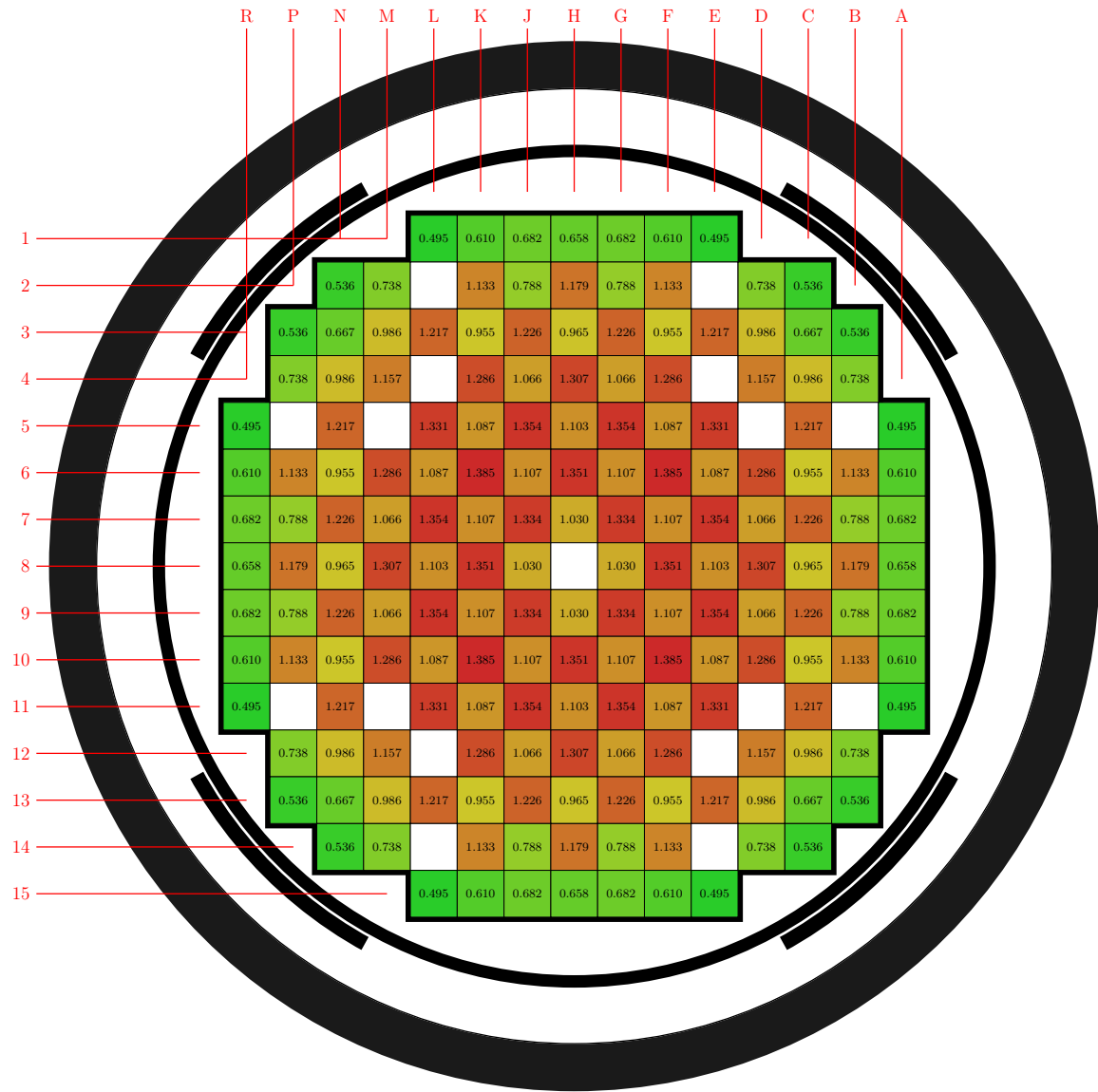


Figure 5: Radial detector measurements (tilt corrected).

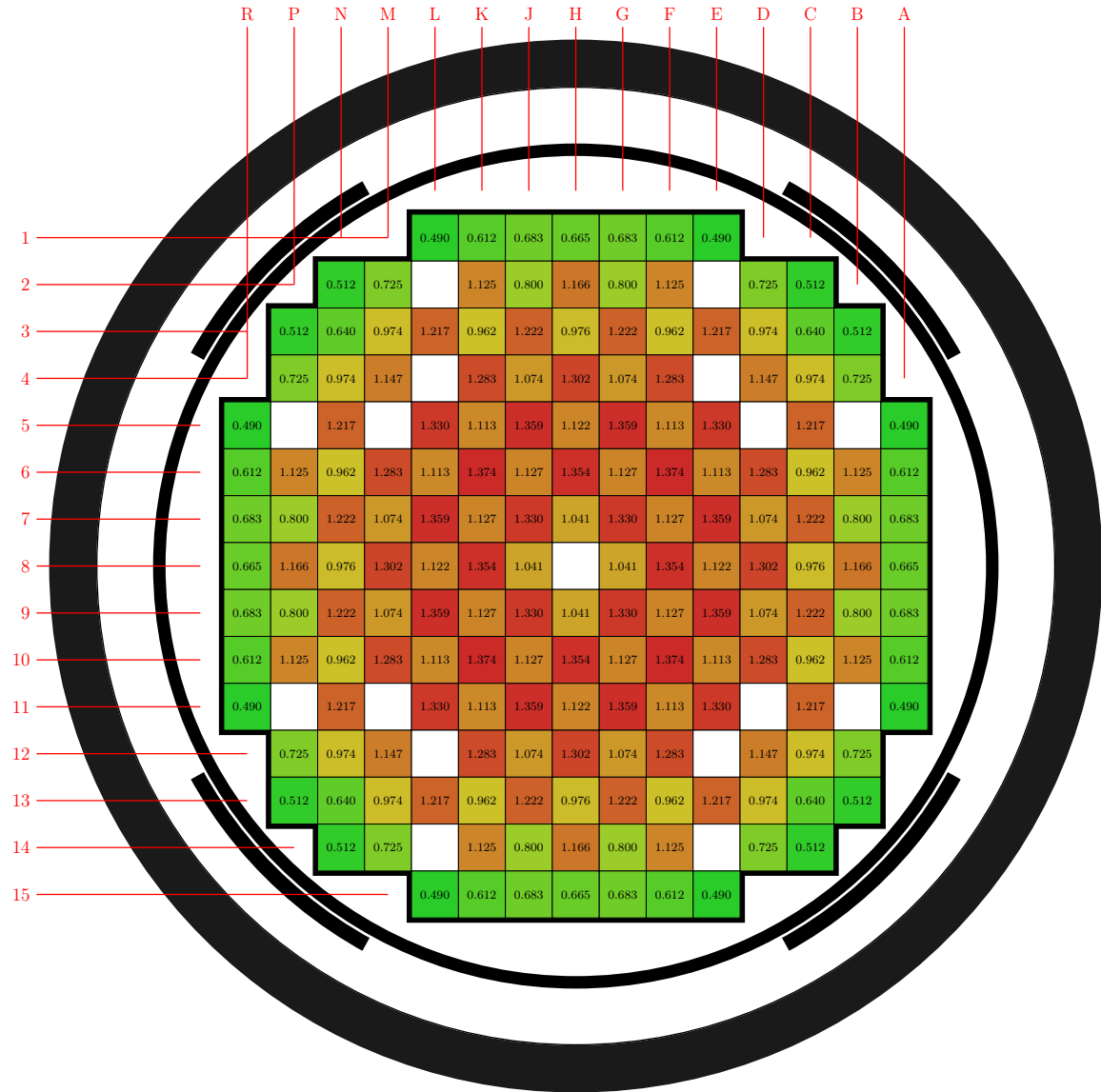


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

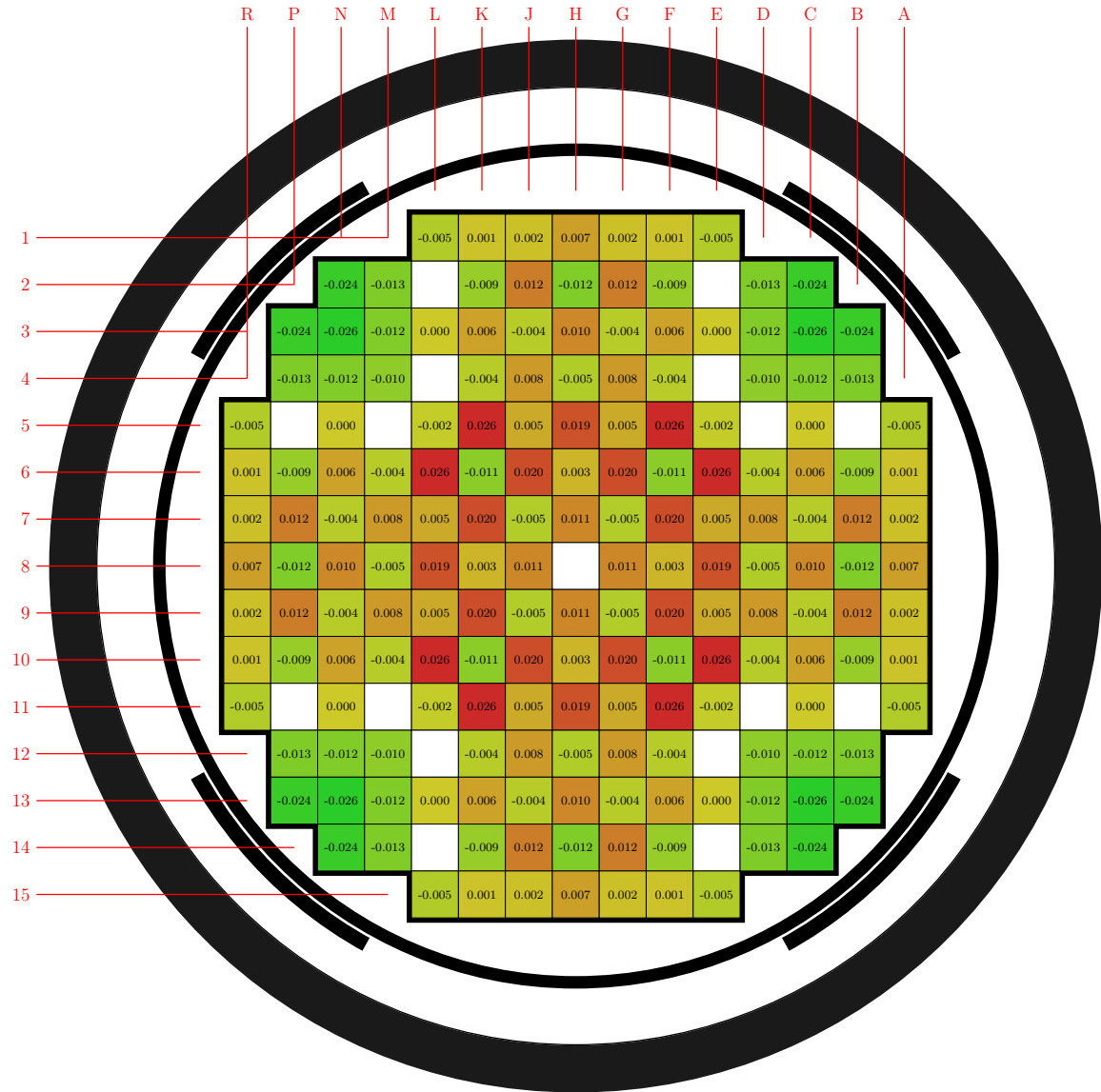


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

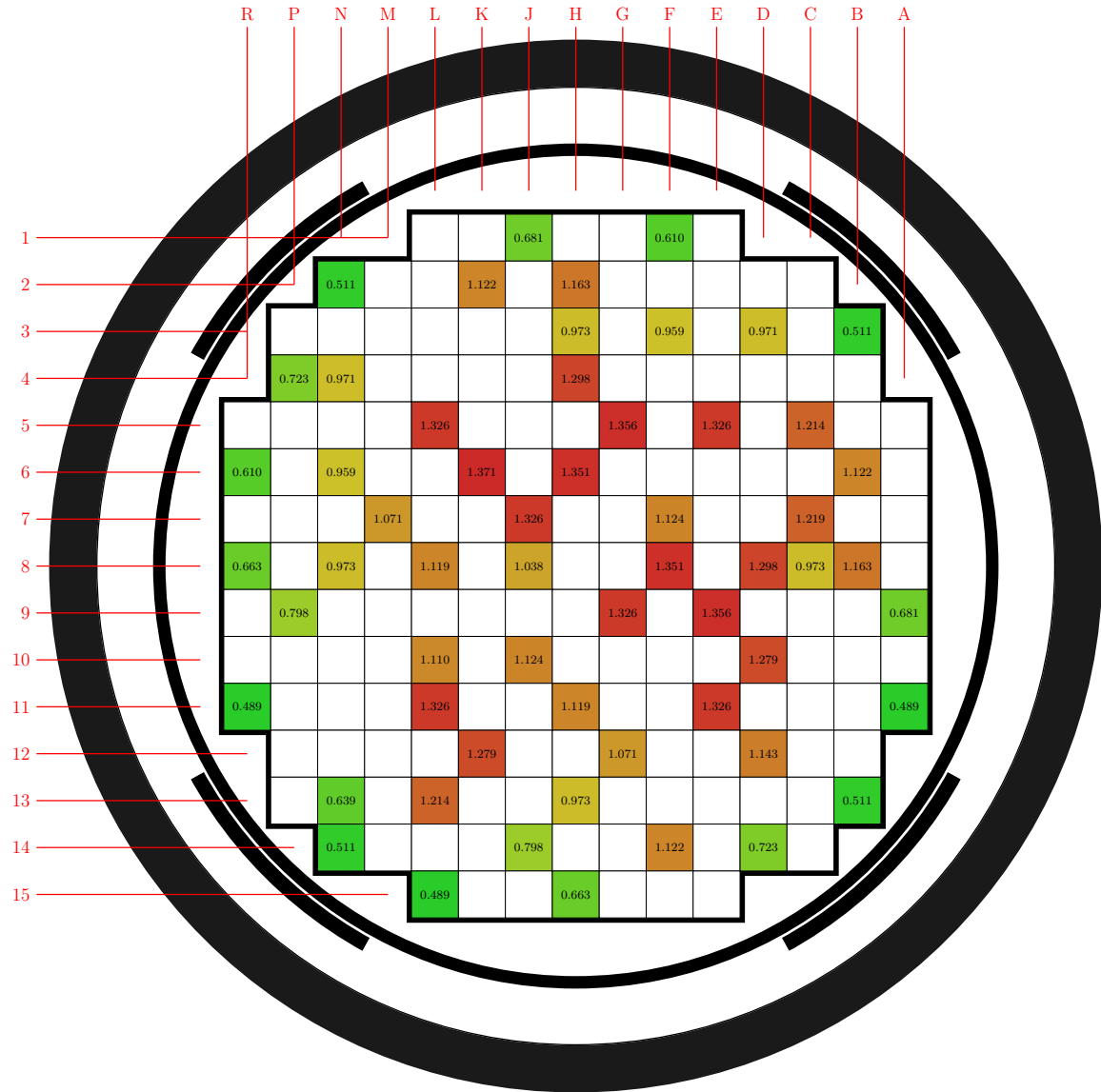


Figure 8: Radial detector measurements (simulate normalized to detector data).

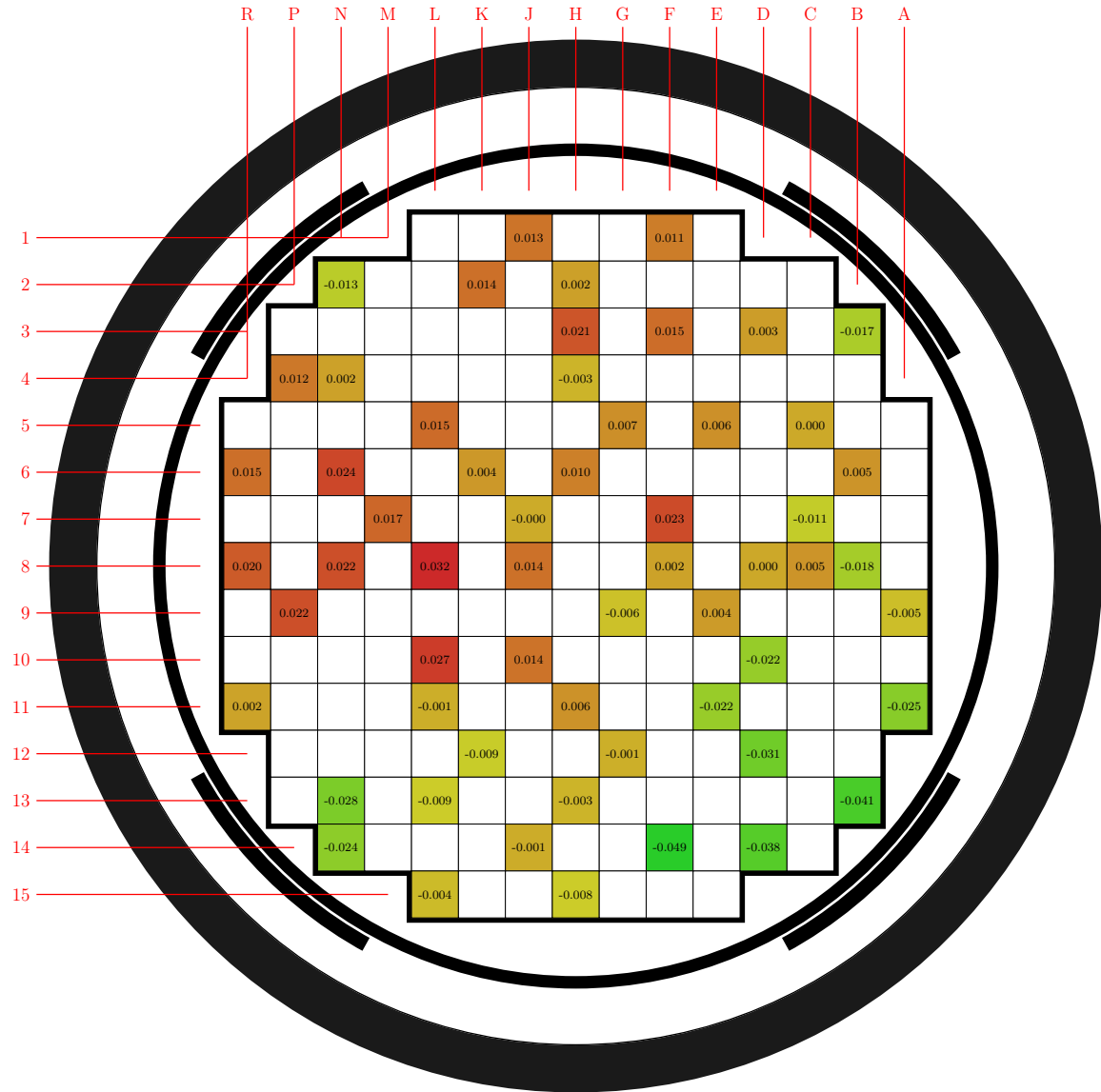


Figure 9: Radial detector absolute difference (simulate minus detector data).