

Measurements taken 126 calendar days since BOC.

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

- 1 3418.9 653. 228. 228. 228. 212. 230.
- 2 3417.0 653. 228. 228. 228. 212. 230.
- 3 3411.2 653. 228. 228. 228. 212. 230.
- 4 3418.1 653. 228. 228. 228. 212. 230.
- 5 3414.7 653. 228. 228. 228. 212. 230.
- 6 3412.7 653. 228. 228. 228. 212. 230.
- 7 3411.3 653. 228. 228. 228. 212. 230.
- 8 3410.4 653. 228. 228. 228. 212. 230.
- 9 3406.1 653. 228. 228. 228. 212. 230.
- 10 3428.1 653. 228. 228. 228. 211. 230.
- 11 3413.0 653. 228. 228. 228. 211. 230.
- 12 3409.0 653. 228. 228. 228. 211. 230.
- 13 3409.2 653. 228. 228. 228. 211. 230.

Average Power [MWt]: 3413.82307692

Inlet Coolant Temperature [°F]: 560.85

Core Burnup [MWD/MT]: 4043.3

Average Boron [ppm]: 653.0

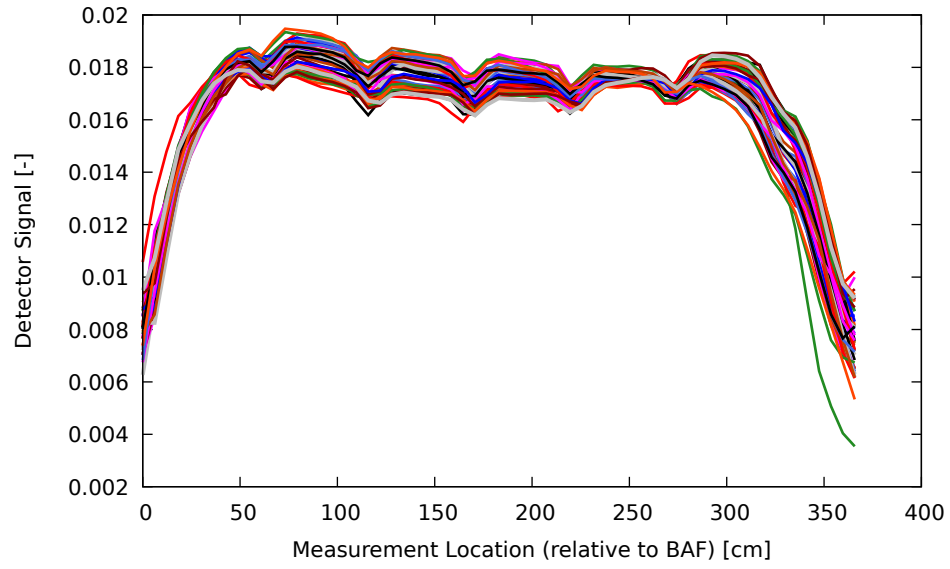


Figure 1: Renormalized data after spline

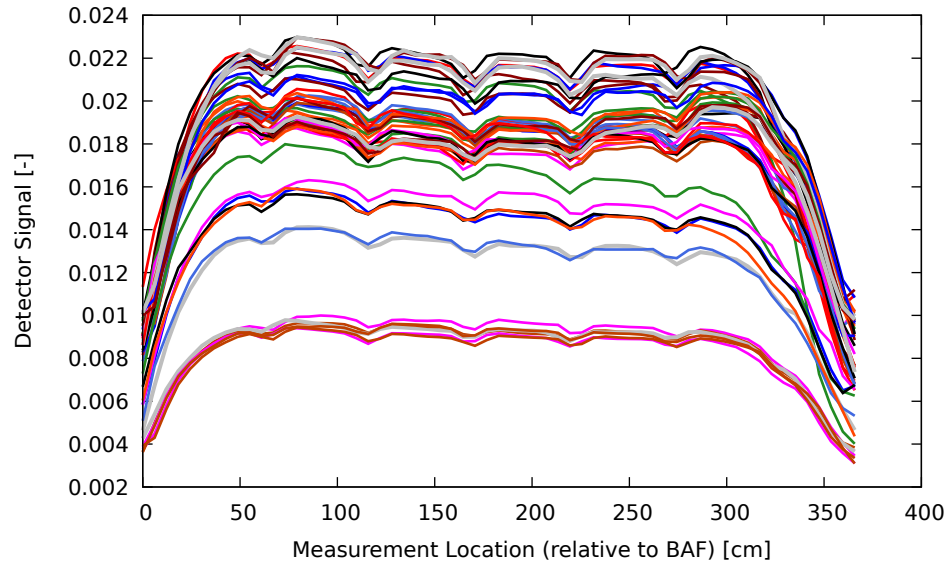


Figure 2: Unnormalized data after spline

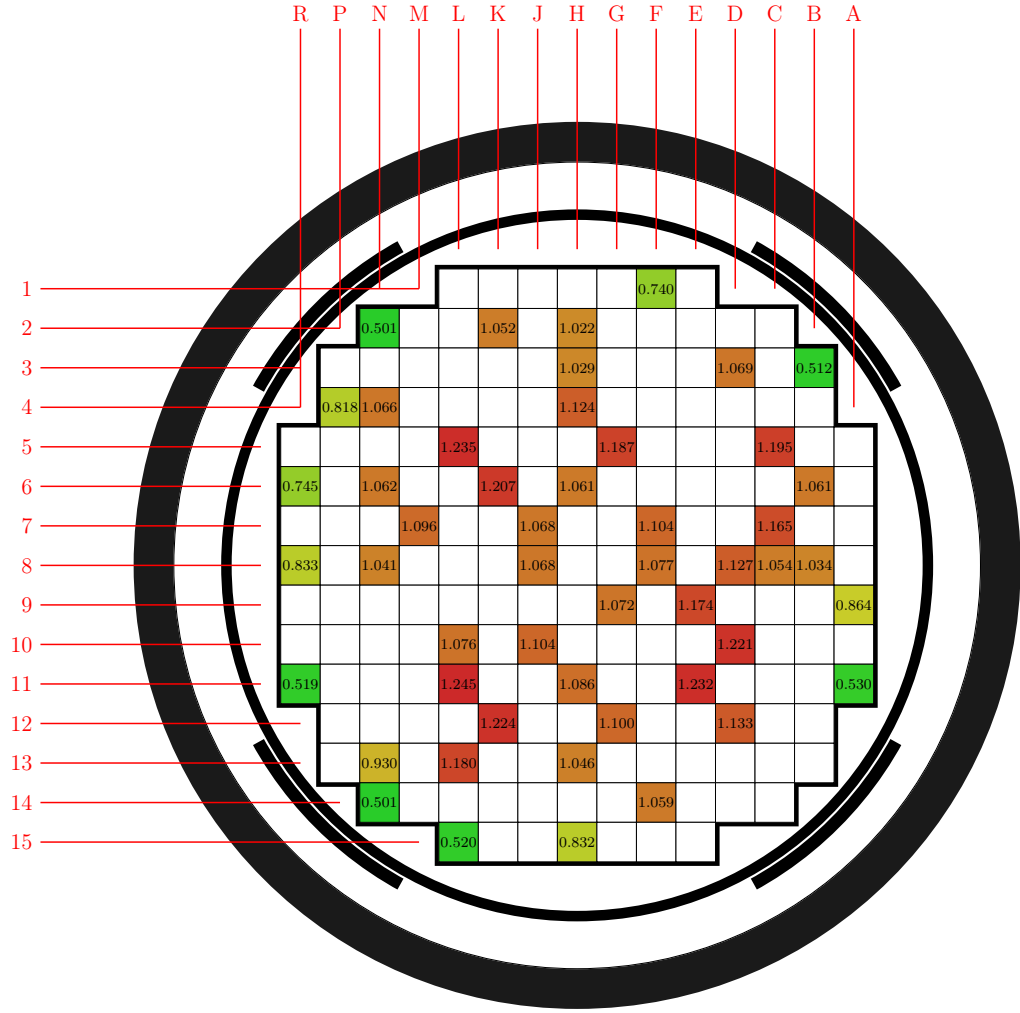


Figure 3: Radial detector measurements (axially integrated).

J1			F1	0.740
N2	0.501		K2	1.052
H2	1.022		H3	1.029
F3			D3	1.069
B3	0.512		P4	0.818
N4	1.066		H4	1.124
L5	1.235		G5	1.187
E5			C5	1.195
R6	0.745		N6	1.062
K6	1.207		H6	1.061
B6	1.061		M7	1.096
J7	1.068		F7	1.104
C7	1.165		R8	0.833
N8	1.041		L8	
J8	1.068		F8	1.077
D8	1.127		C8	1.054
B8	1.034		G9	1.072
E9	1.174		A9	0.864
L10	1.076		J10	1.104
D10	1.221		R11	0.519
L11	1.245		H11	1.086
E11	1.232		A11	0.530
K12	1.224		G12	1.100
D12	1.133		N13	0.930
L13	1.180		H13	1.046
N14	0.501		J14	
F14	1.059		L15	0.520
H15	0.832			

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

	H	G	F	E	D	C	B	A
8		1.068 — 1	1.069 — 2	1.086 — 1	1.125 0.002 2	1.043 0.011 4	1.028 0.009 2	0.832 0.001 2
9	1.068 — 1	1.070 0.003 2	1.104 — 1	1.180 0.009 2	1.096 — 1			0.864 — 1
10	1.069 0.011 2	1.104 — 1	1.207 — 1		1.222 0.002 2	1.062 — 1		0.743 0.004 2
11	1.086 — 1		1.076 — 1	1.237 0.007 3		1.180 — 1		0.525 0.007 2
12	1.125 0.002 2	1.100 — 1			1.133 — 1	1.067 0.002 2	0.818 — 1	
13	1.043 0.011 4	1.165 — 1		1.195 — 1		0.930 — 1	0.501 — 1	
14	1.028 0.009 2		1.058 0.005 3			0.507 0.008 2		
15	0.832 0.001 2			0.519 — 1				

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

H9	1.068		D10	1.222
D12	1.133		E11	1.237
E13	1.195		E15	0.519
B12	0.818		B13	0.501
C13	0.930		C12	1.067
C11	1.180		C10	1.062
F9	1.104		F8	1.069
C14	0.507		F11	1.076
A11	0.525		A10	0.743
F14	1.058		E8	1.086
E9	1.180		H10	1.069
H11	1.086		H12	1.125
H13	1.043		H14	1.028
H15	0.832		D9	1.096
D8	1.125		C8	1.043
B8	1.028		G13	1.165
G12	1.100		G10	1.104
A8	0.832		A9	0.864
F10	1.207		G8	1.068
G9	1.070			

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

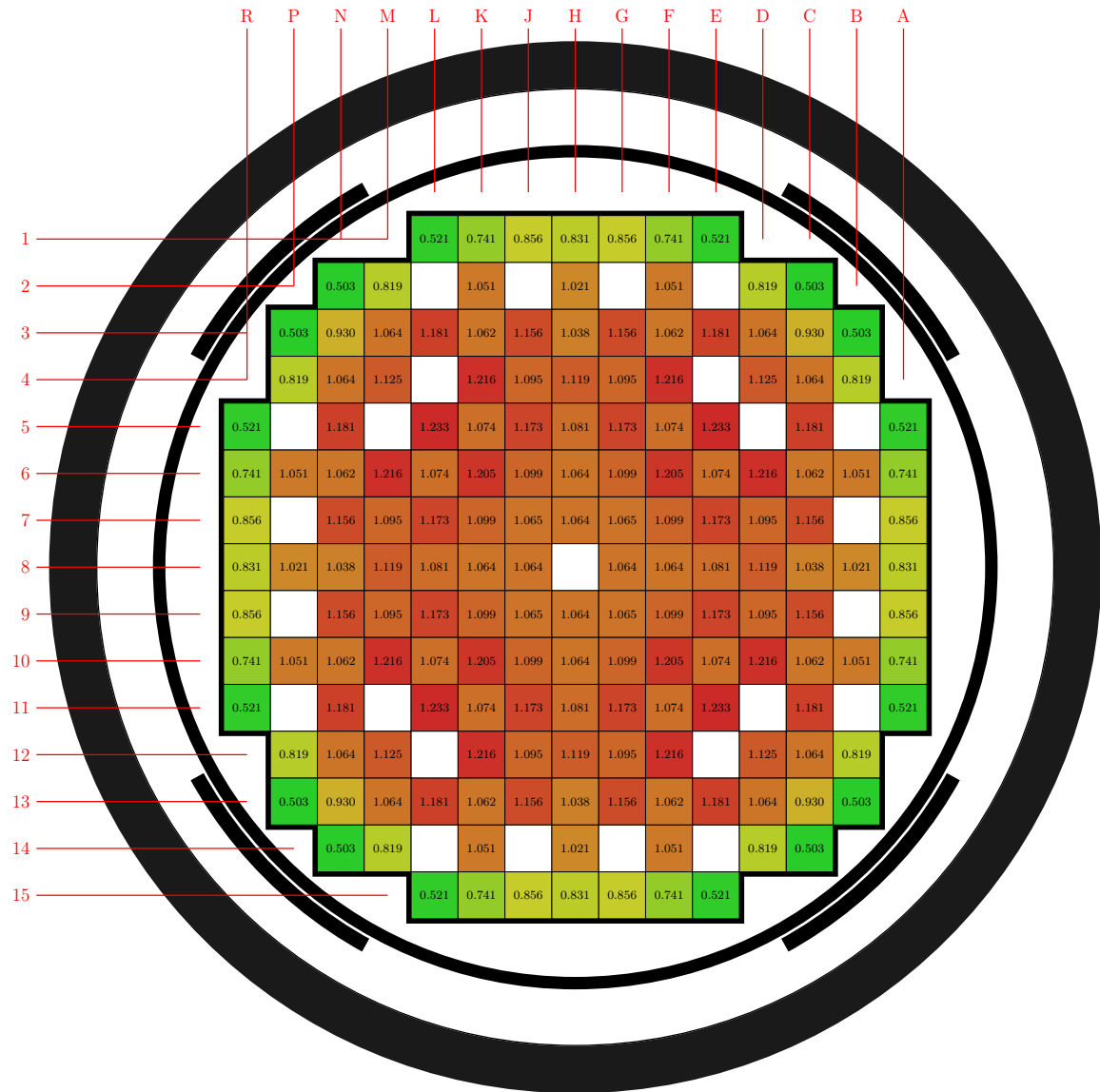


Figure 5: Radial detector measurements (tilt corrected).

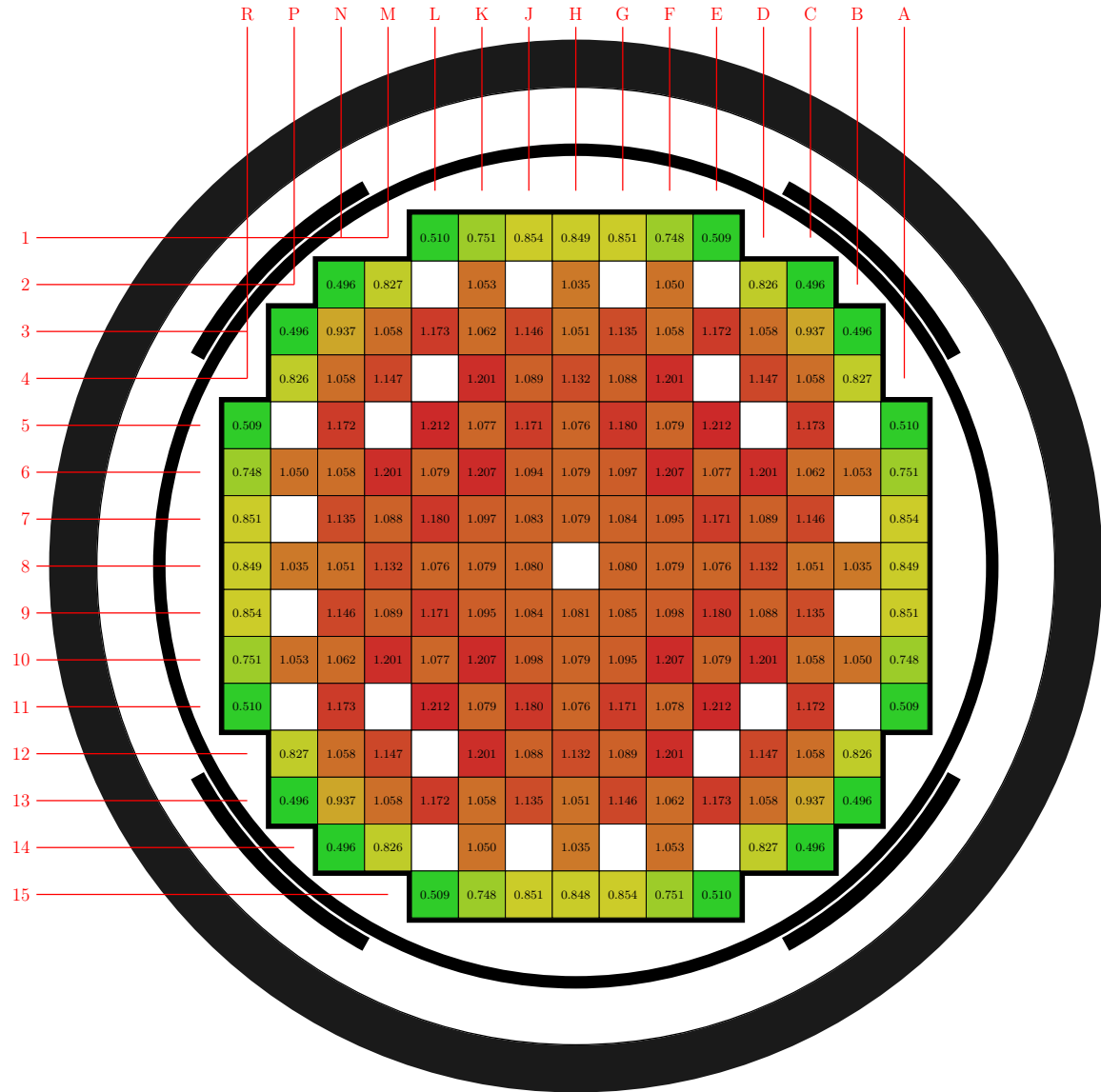


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

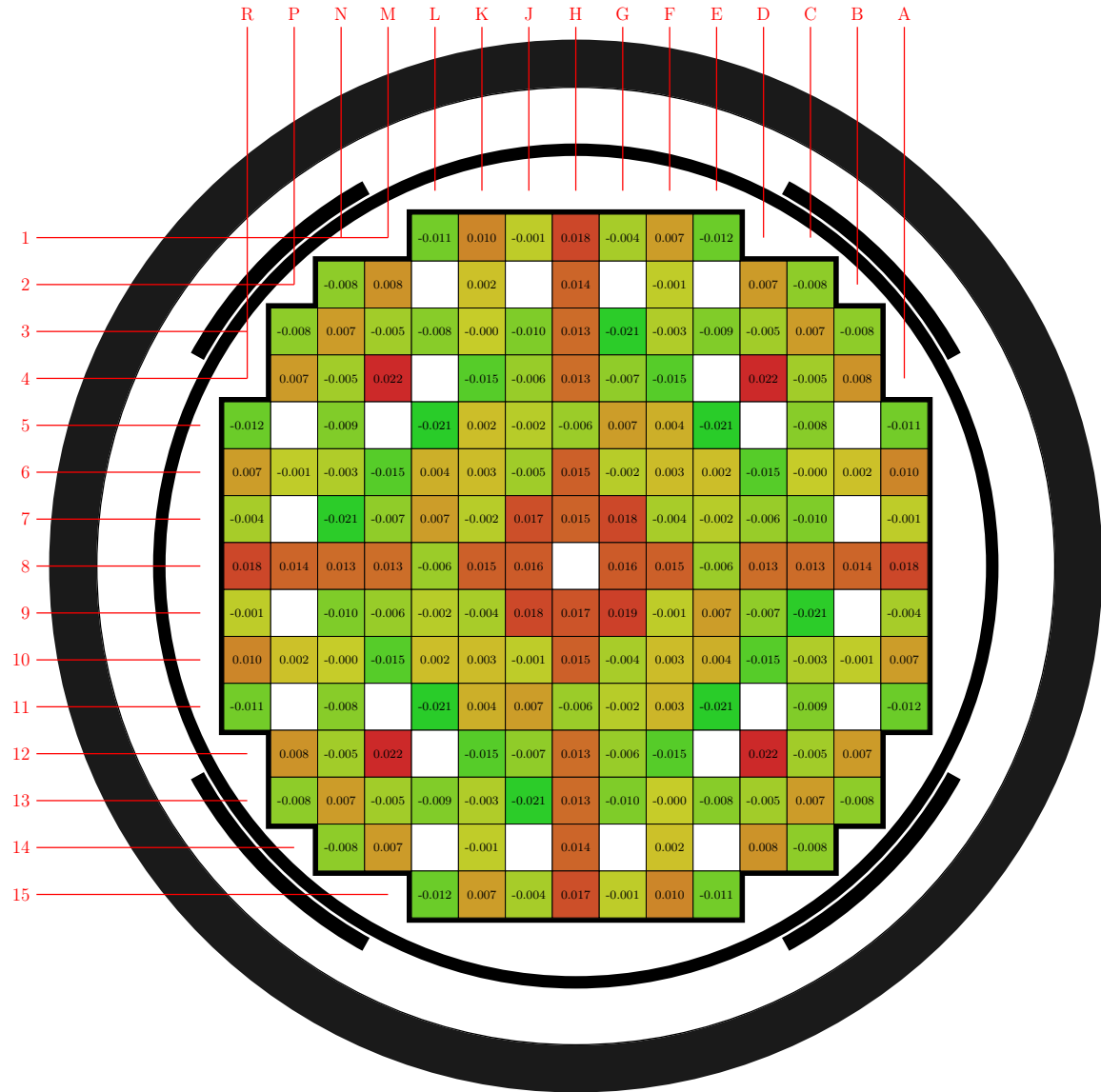


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).





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

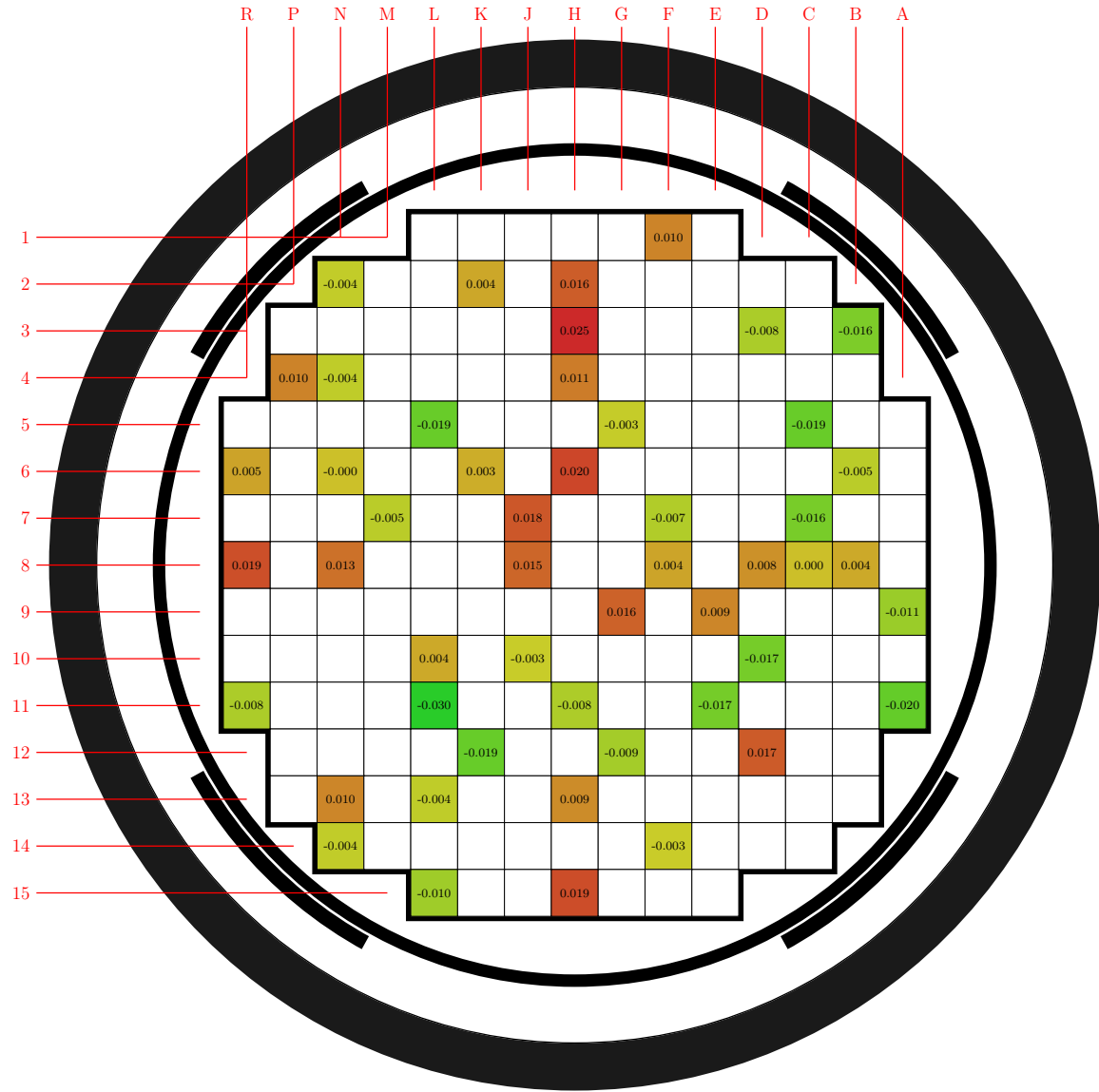


Figure 9: Radial detector absolute difference (simulate minus detector data).