

Measurements taken 573 calendar days since BOC.

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

- 1 2396.5 35. 228. 228. 228. 208. 230.
- 2 2380.6 35. 228. 228. 228. 208. 230.
- 3 2384.9 35. 228. 228. 228. 208. 230.
- 4 2380.8 35. 228. 228. 228. 208. 230.
- 5 2381.0 35. 228. 228. 228. 208. 230.
- 6 2378.5 35. 228. 228. 228. 208. 230.
- 7 2385.0 35. 228. 228. 228. 208. 230.
- 8 2381.2 35. 228. 228. 228. 208. 230.
- 9 2381.2 35. 228. 228. 228. 208. 230.
- 10 2380.4 35. 228. 228. 228. 208. 230.
- 11 2379.2 35. 228. 228. 228. 208. 230.
- 12 2380.7 35. 228. 228. 228. 208. 230.
- 13 2378.7 35. 228. 228. 228. 208. 230.
- 14 2383.6 35. 228. 228. 228. 208. 230.
- 15 2384.5 35. 228. 228. 228. 208. 230.
- 16 2388.6 35. 228. 228. 228. 208. 230.

Average Power [MWt]: 2382.8375

Inlet Coolant Temperature [°F]: 557.175

Core Burnup [MWD/MT]: 13603.4

Average Boron [ppm]: 35.0

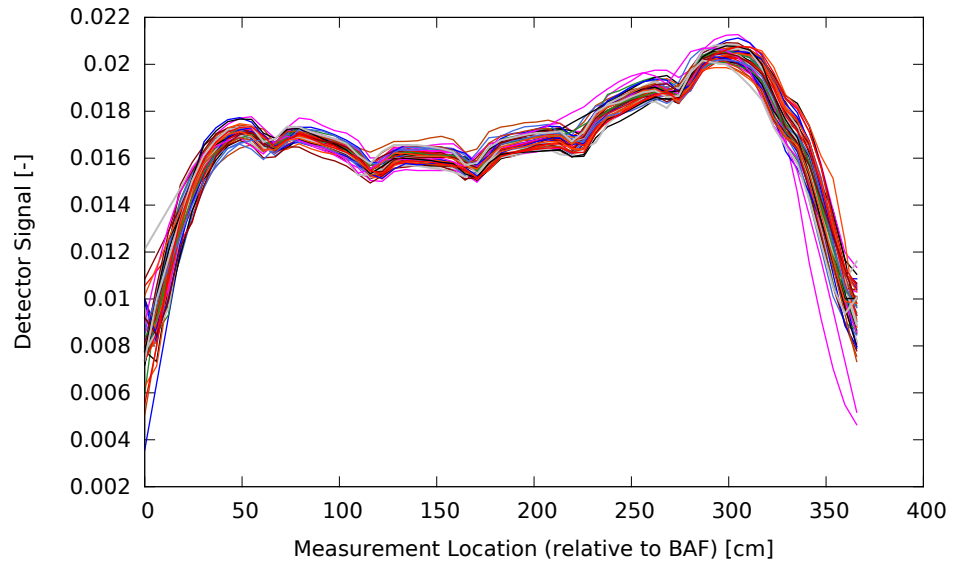


Figure 1: Renormalized data after spline

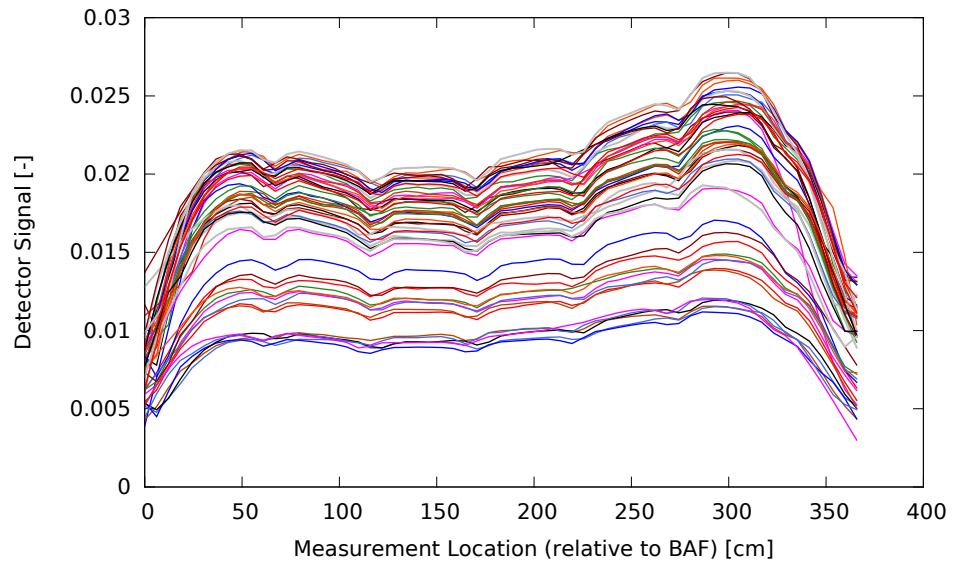


Figure 2: Unnormalized data after spline

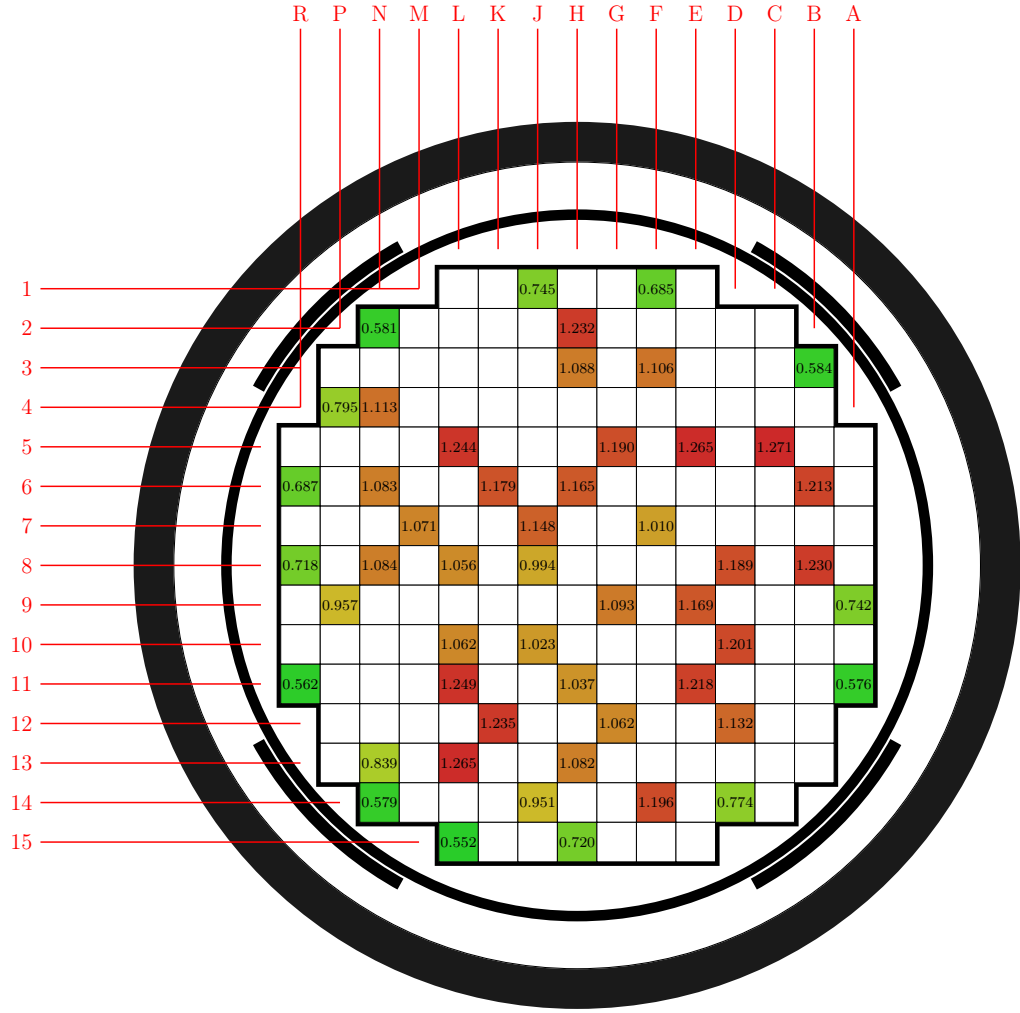


Figure 3: Radial detector measurements (axially integrated).

J1	0.745		F1	0.685
N2	0.581		K2	
H2	1.232		H3	1.088
F3	1.106		D3	
B3	0.584		P4	0.795
N4	1.113		H4	
L5	1.244		G5	1.190
E5	1.265		C5	1.271
R6	0.687		N6	1.083
K6	1.179		H6	1.165
B6	1.213		M7	1.071
J7	1.148		F7	1.010
C7			R8	0.718
N8	1.084		L8	1.056
J8	0.994		F8	
D8	1.189		C8	
B8	1.230		P9	0.957
G9	1.093		E9	1.169
A9	0.742		L10	1.062
J10	1.023		D10	1.201
R11	0.562		L11	1.249
H11	1.037		E11	1.218
A11	0.576		K12	1.235
G12	1.062		D12	1.132
N13	0.839		L13	1.265
H13	1.082		B13	
N14	0.579		J14	0.951
F14	1.196		D14	0.774
L15	0.552		H15	0.720

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

	H	G	F	E	D	C	B	A
8		0.994 — 1	1.165 — 1	1.046 0.013 2	1.189 — 1	1.085 0.003 3	1.231 0.001 2	0.719 0.001 2
9	0.994 — 1	1.121 0.039 2	1.023 — 1	1.180 0.014 2	1.071 — 1		0.951 — 1	0.742 — 1
10	1.165 — 1	1.010 — 1	1.179 — 1		1.218 0.024 2	1.094 0.017 2		0.686 0.001 2
11	1.046 0.013 2		1.062 — 1	1.244 0.020 4		1.265 — 1		0.564 0.017 2
12	1.189 — 1	1.062 — 1			1.132 — 1	1.113 — 1	0.795 — 1	
13	1.085 0.003 3			1.271 — 1		0.839 — 1	0.579 — 1	
14	1.231 0.001 2	0.957 — 1	1.204 0.012 2		0.774 — 1	0.582 0.002 2		
15	0.719 0.001 2	0.745 — 1		0.562 — 1				

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

D14	0.774		H9	0.994
D10	1.218		D12	1.132
E11	1.244		E13	1.271
E15	0.562		B12	0.795
B13	0.579		C13	0.839
C12	1.113		C11	1.265
C10	1.094		F9	1.023
F8	1.165		C14	0.582
F11	1.062		A11	0.564
A10	0.686		F14	1.204
E8	1.046		E9	1.180
H10	1.165		H11	1.046
H12	1.189		H13	1.085
H14	1.231		H15	0.719
D9	1.071		D8	1.189
C8	1.085		B9	0.951
B8	1.231		G15	0.745
G14	0.957		G12	1.062
G10	1.010		A8	0.719
A9	0.742		F10	1.179
G8	0.994		G9	1.121

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

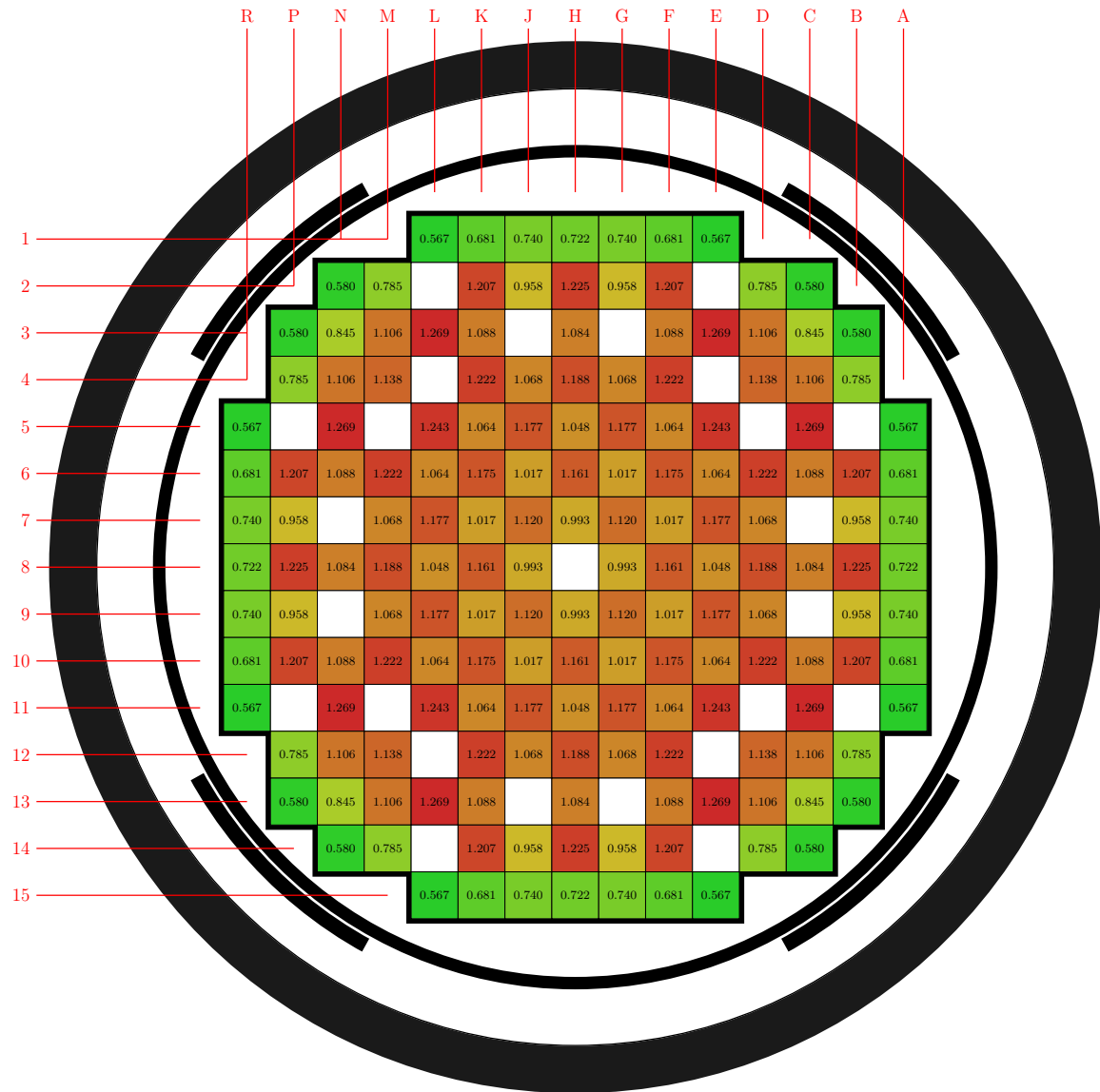


Figure 5: Radial detector measurements (tilt corrected).

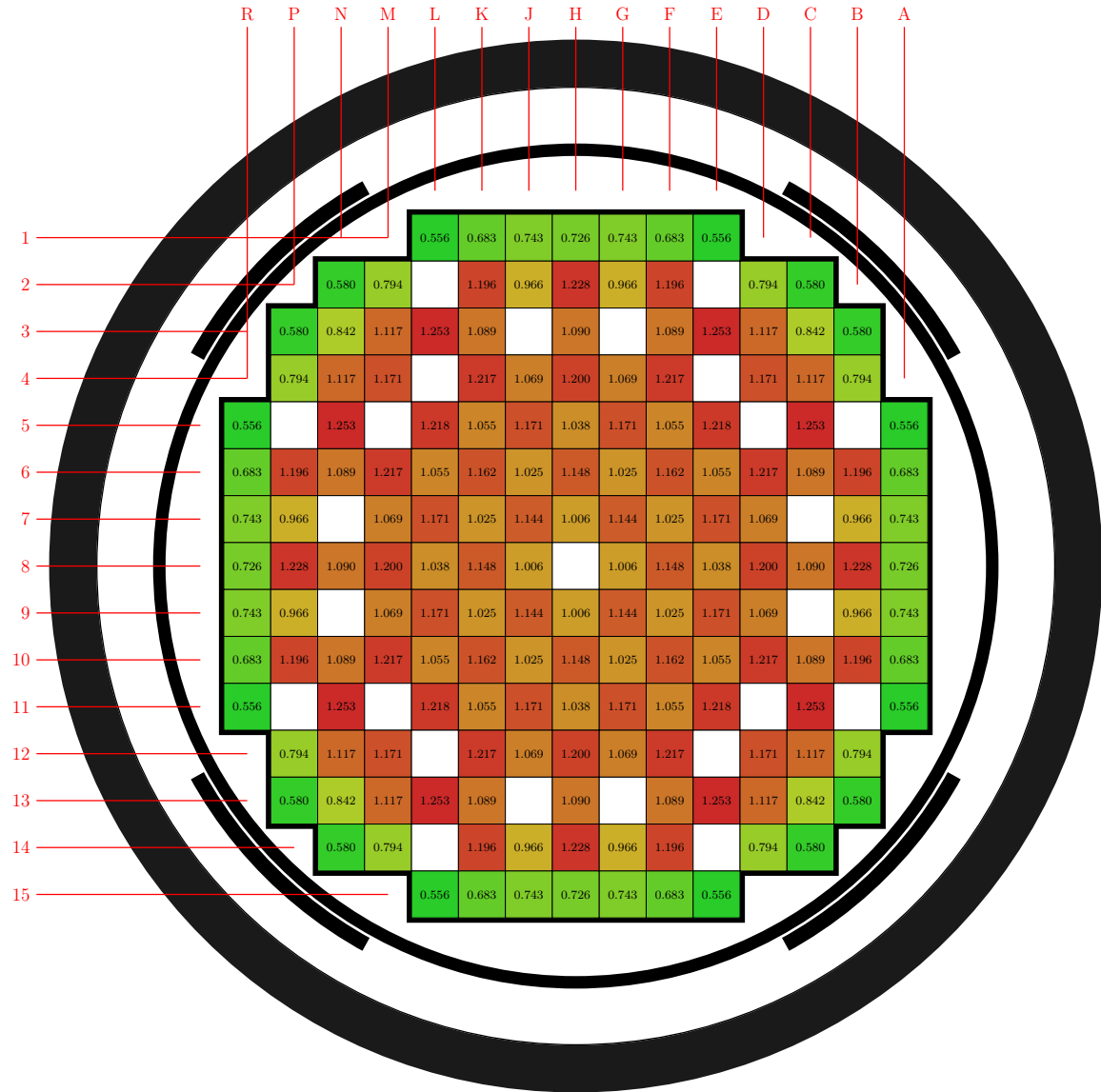


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

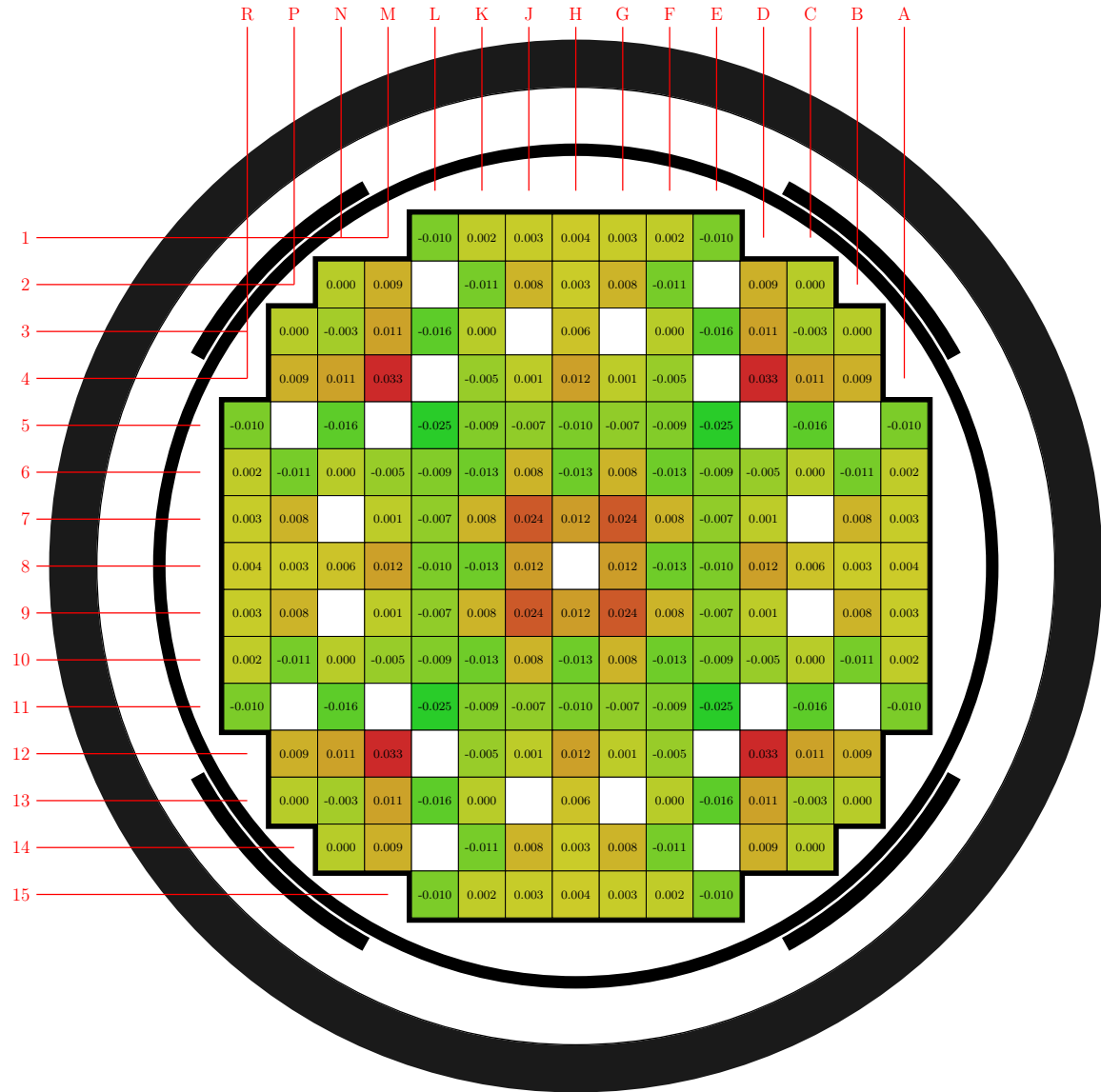


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).



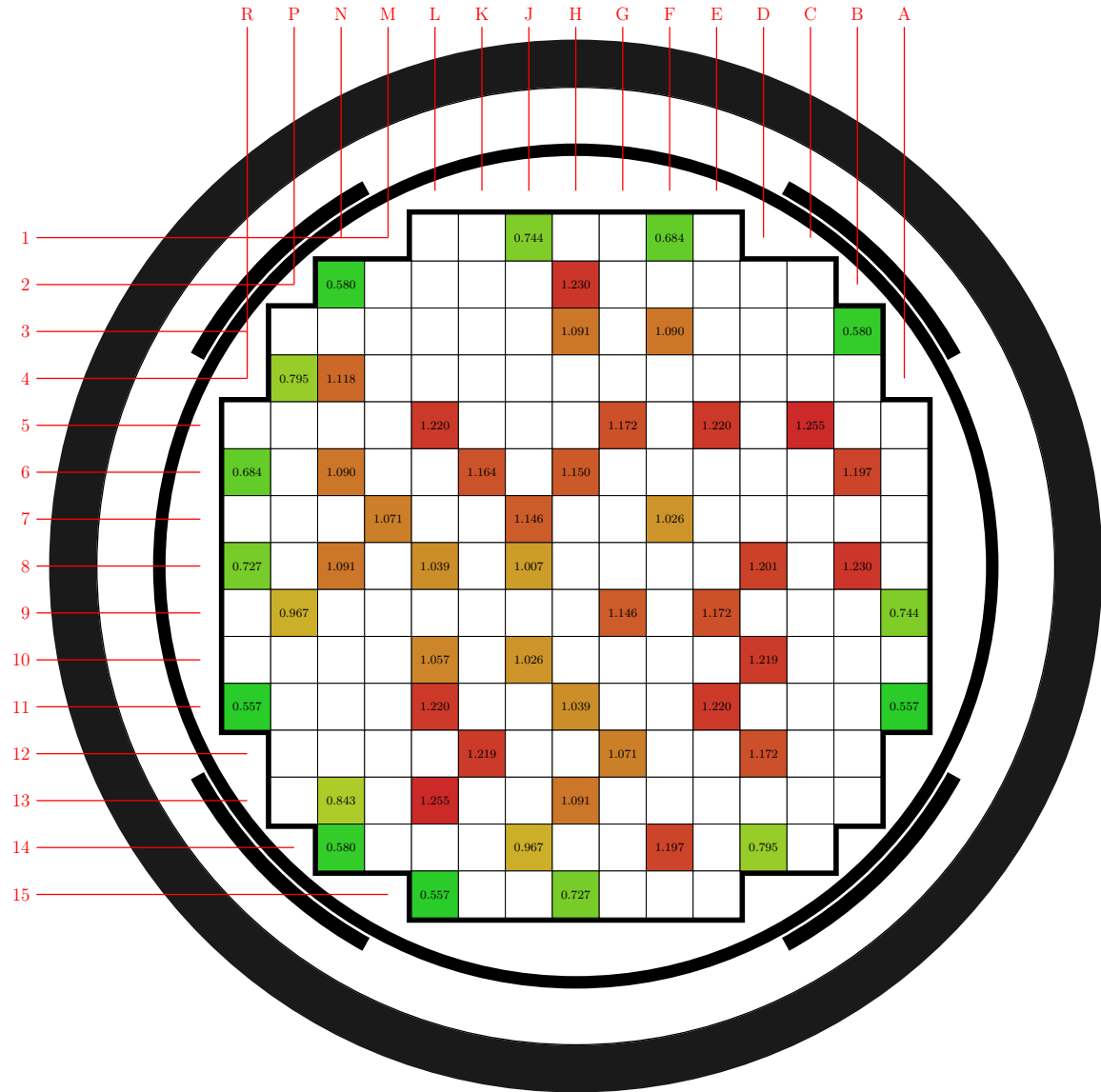


Figure 8: Radial detector measurements (simulate normalized to detector data).

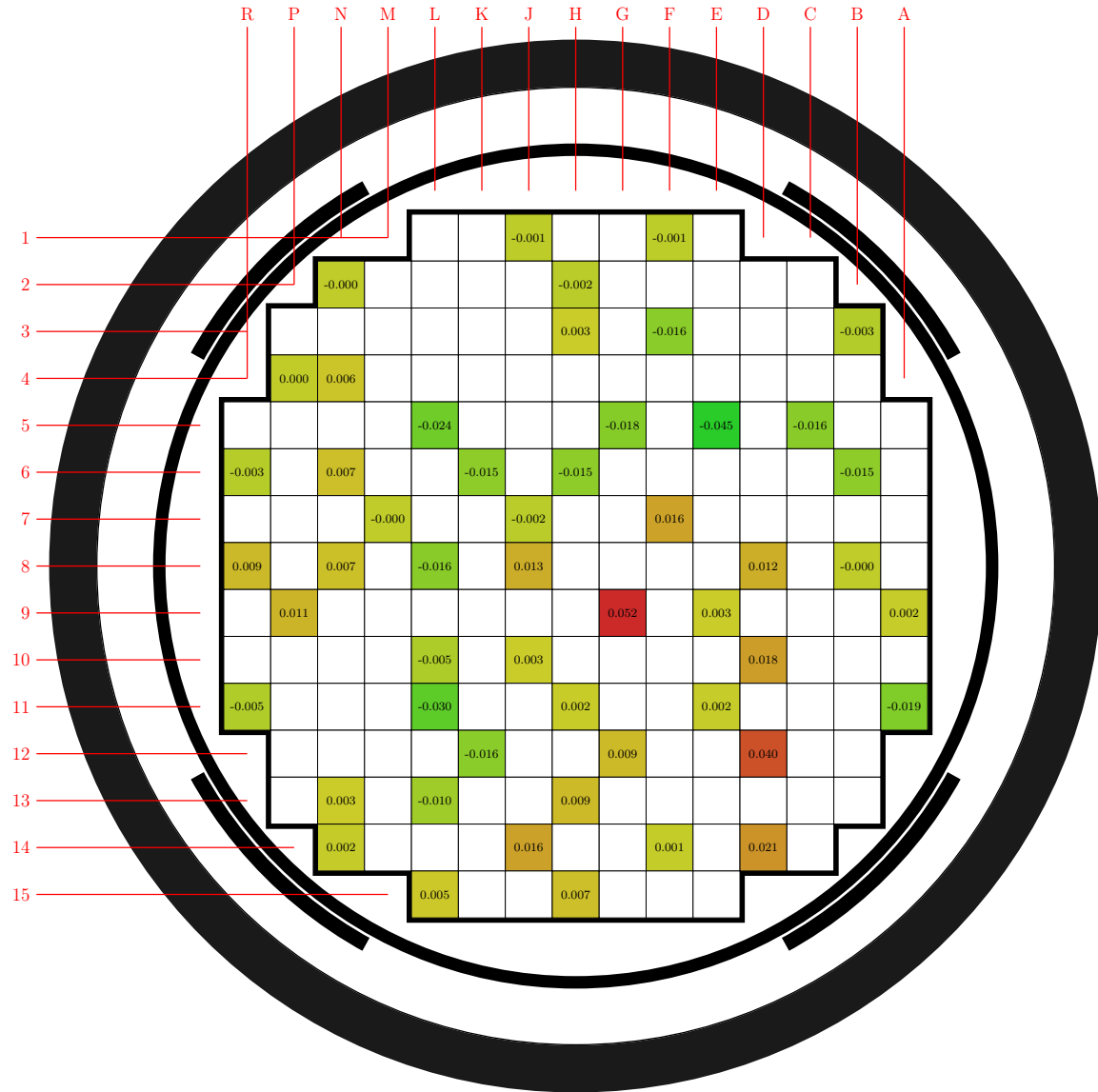


Figure 9: Radial detector absolute difference (simulate minus detector data).