

Measurements taken 191 calendar days since BOC.

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

- 1 3408.2 445. 228. 228. 228. 212. 230.
- 2 3417.5 445. 228. 228. 228. 212. 230.
- 3 3410.1 445. 228. 228. 228. 212. 230.
- 4 3409.6 445. 228. 228. 228. 212. 230.
- 5 3409.3 445. 228. 228. 228. 212. 230.
- 6 3403.0 445. 228. 228. 228. 212. 230.
- 7 3406.4 445. 228. 228. 228. 212. 230.
- 8 3407.9 445. 228. 228. 228. 212. 230.
- 9 3408.3 445. 228. 228. 228. 212. 230.
- 10 3396.4 445. 228. 228. 228. 212. 230.
- 11 3422.3 445. 228. 228. 228. 212. 230.
- 12 3404.7 445. 228. 228. 228. 212. 230.
- 13 3403.7 445. 228. 228. 228. 212. 230.
- 14 3403.4 445. 228. 228. 228. 212. 230.

Average Power [MWt]: 3407.91428571

Inlet Coolant Temperature [°F]: 561.225

Core Burnup [MWD/MT]: 6523.1

Average Boron [ppm]: 445.0

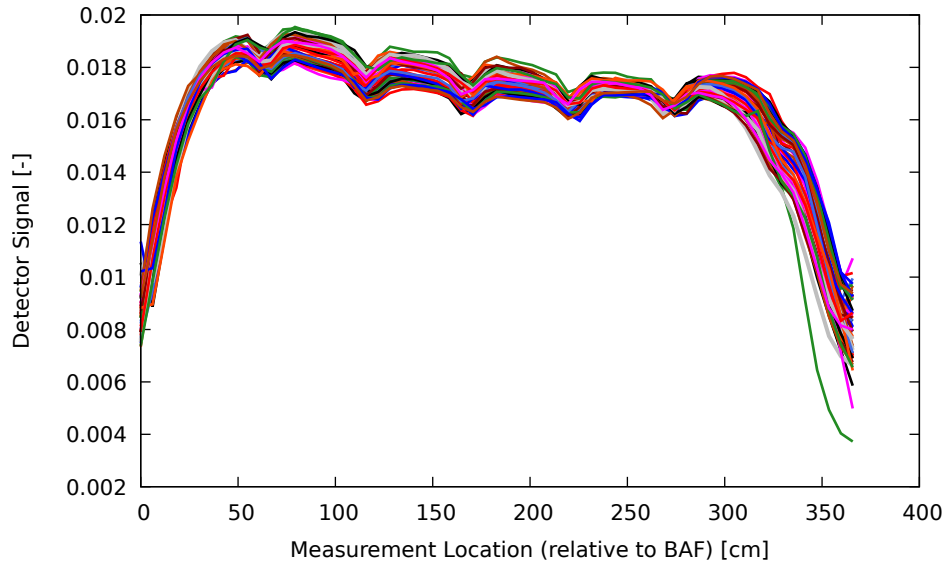


Figure 1: Renormalized data after spline

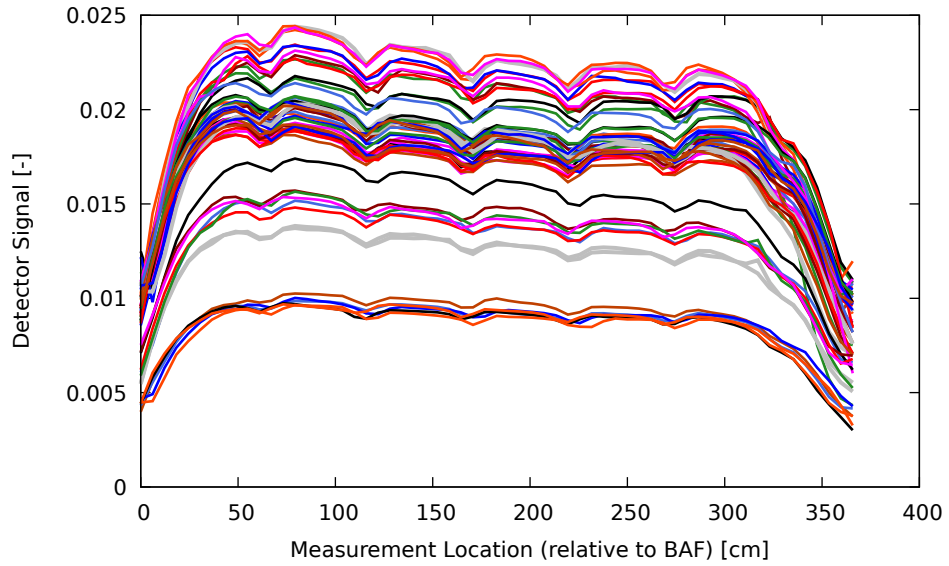


Figure 2: Unnormalized data after spline

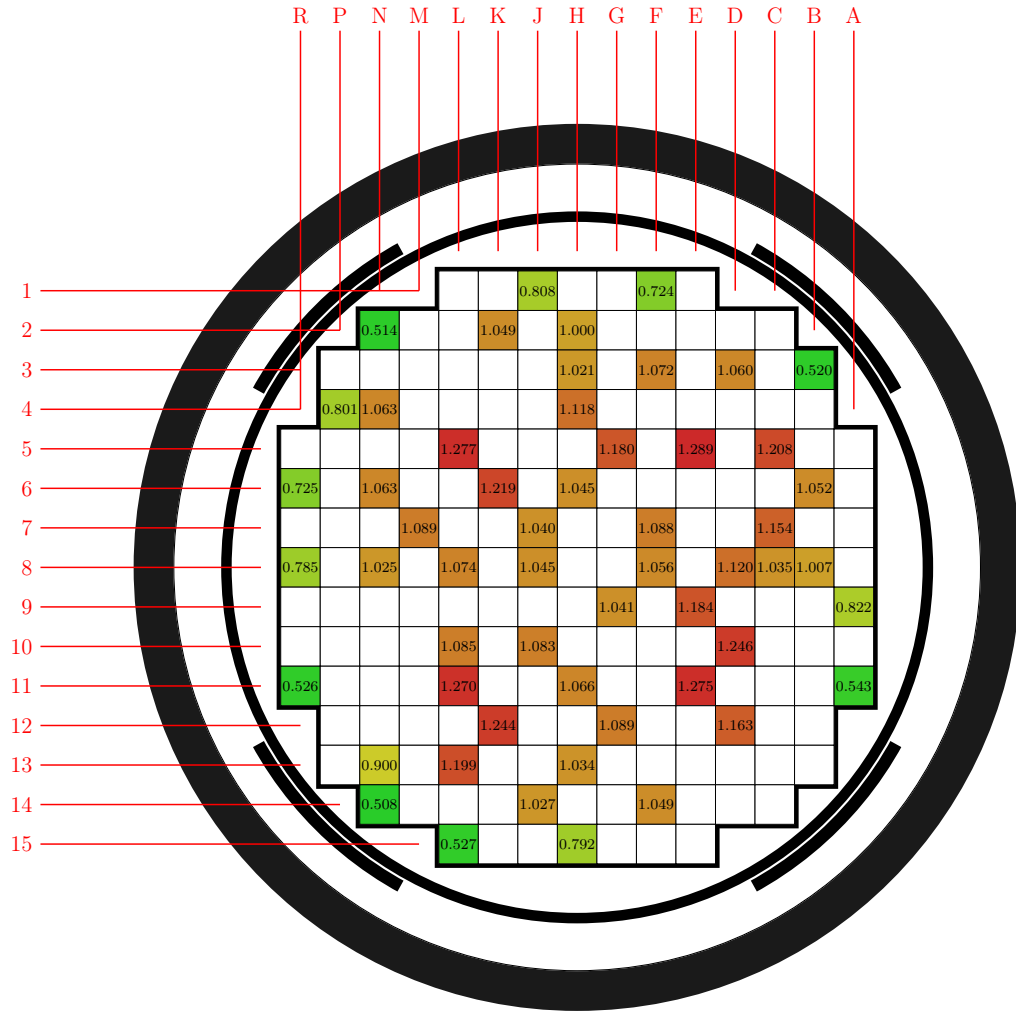


Figure 3: Radial detector measurements (axially integrated).

J1	0.808		F1	0.724
N2	0.514		K2	1.049
H2	1.000		H3	1.021
F3	1.072		D3	1.060
B3	0.520		P4	0.801
N4	1.063		H4	1.118
L5	1.277		G5	1.180
E5	1.289		C5	1.208
R6	0.725		N6	1.063
K6	1.219		H6	1.045
B6	1.052		M7	1.089
J7	1.040		F7	1.088
C7	1.154		R8	0.785
N8	1.025		L8	1.074
J8	1.045		F8	1.056
D8	1.120		C8	1.035
B8	1.007		G9	1.041
E9	1.184		A9	0.822
L10	1.085		J10	1.083
D10	1.246		R11	0.526
L11	1.270		H11	1.066
E11	1.275		A11	0.543
K12	1.244		G12	1.089
D12	1.163		N13	0.900
L13	1.199		H13	1.034
N14	0.508		J14	1.027
F14	1.049		L15	0.527
H15	0.792			

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

	H	G	F	E	D	C	B	A
8		1.045 — 1	1.051 0.008 2	1.070 0.005 2	1.119 0.001 2	1.029 0.007 4	1.003 0.004 2	0.789 0.005 2
9	1.045 — 1	1.041 0.000 2	1.083 — 1	1.182 0.003 2	1.089 — 1		1.027 — 1	0.822 — 1
10	1.051 0.008 2	1.088 — 1	1.219 — 1		1.245 0.001 2	1.068 0.006 2		0.725 0.001 2
11	1.070 0.005 2		1.085 — 1	1.278 0.008 4		1.199 — 1		0.535 0.011 2
12	1.119 0.001 2	1.089 — 1			1.163 — 1	1.062 0.002 2	0.801 — 1	
13	1.029 0.007 4	1.154 — 1		1.208 — 1		0.900 — 1	0.508 — 1	
14	1.003 0.004 2		1.050 0.002 3			0.517 0.004 2		
15	0.789 0.005 2	0.808 — 1		0.526 — 1				

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

H9	1.045		D10	1.245
D12	1.163		E11	1.278
E13	1.208		E15	0.526
B12	0.801		B13	0.508
C13	0.900		C12	1.062
C11	1.199		C10	1.068
F9	1.083		F8	1.051
C14	0.517		F11	1.085
A11	0.535		A10	0.725
F14	1.050		E8	1.070
E9	1.182		H10	1.051
H11	1.070		H12	1.119
H13	1.029		H14	1.003
H15	0.789		D9	1.089
D8	1.119		C8	1.029
B9	1.027		B8	1.003
G15	0.808		G13	1.154
G12	1.089		G10	1.088
A8	0.789		A9	0.822
F10	1.219		G8	1.045
G9	1.041			

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

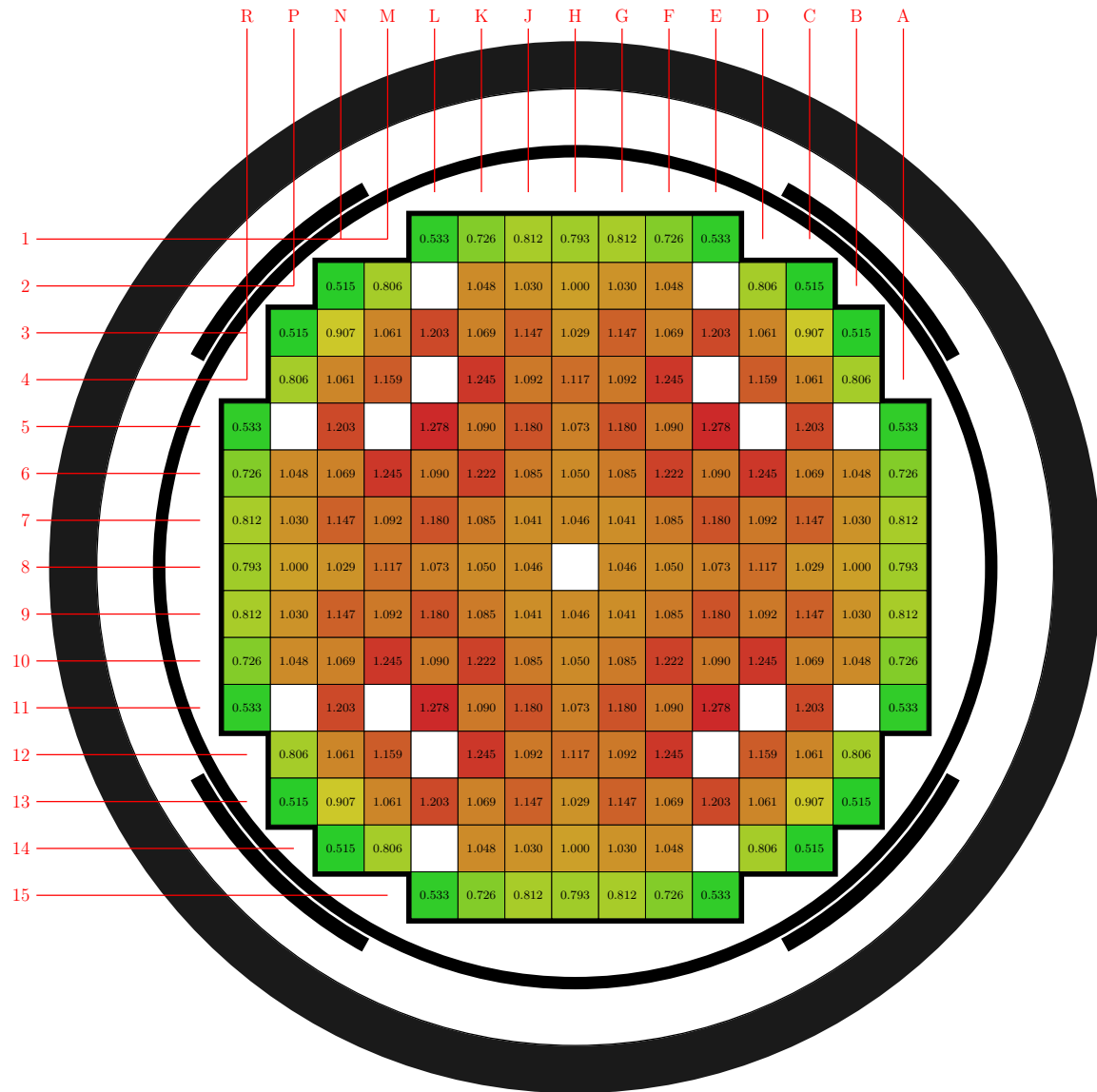


Figure 5: Radial detector measurements (tilt corrected).

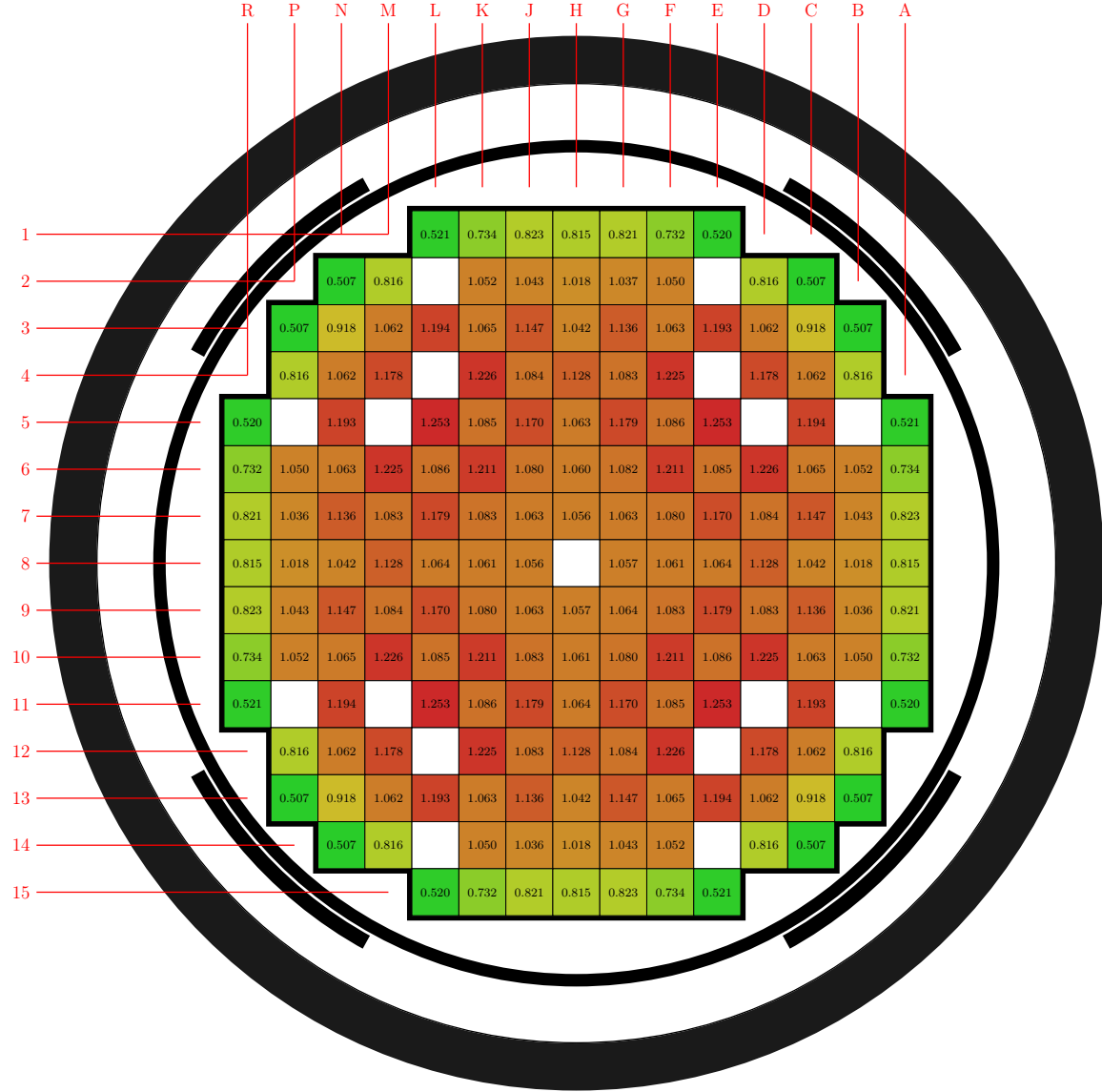


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

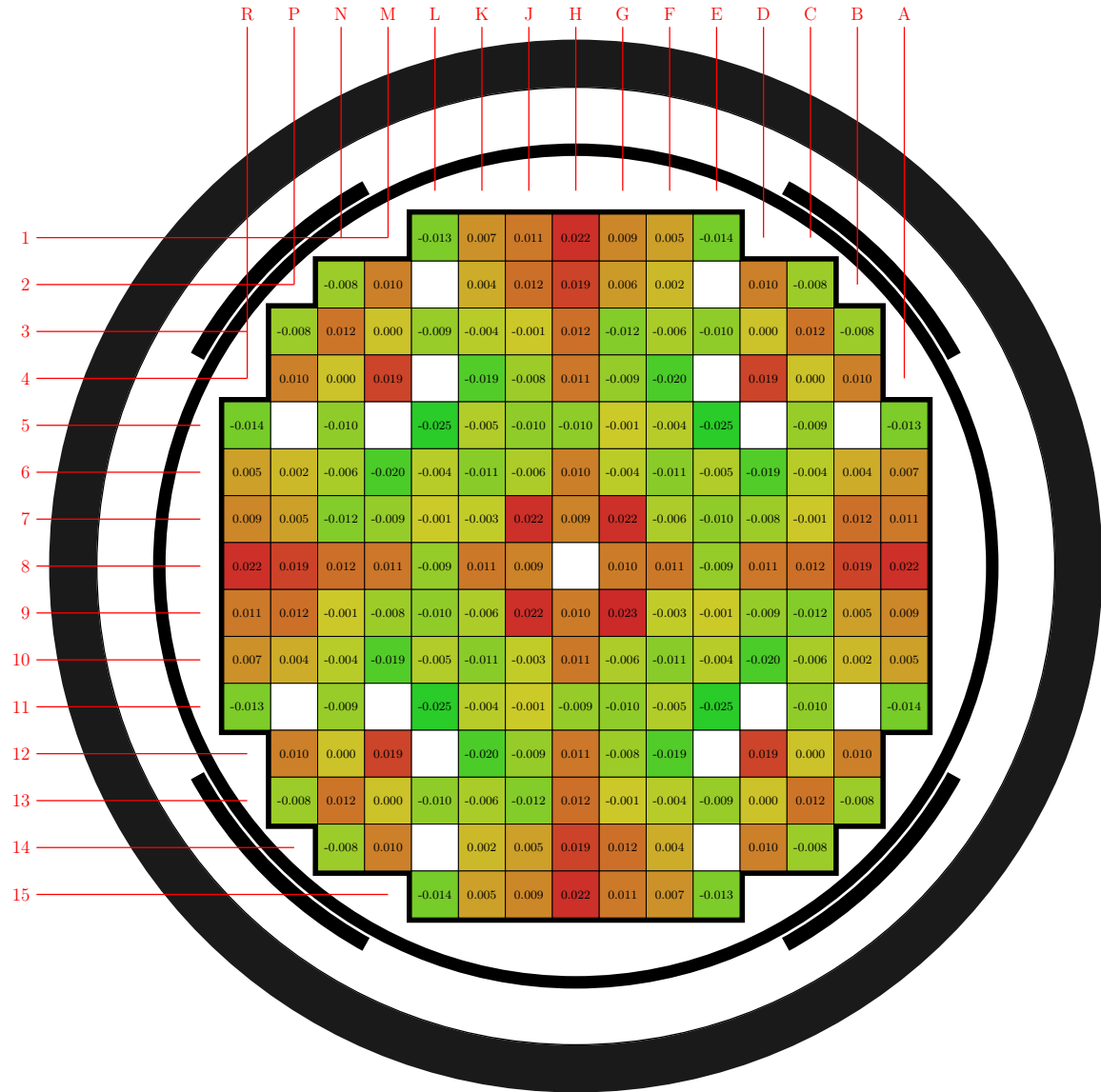


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

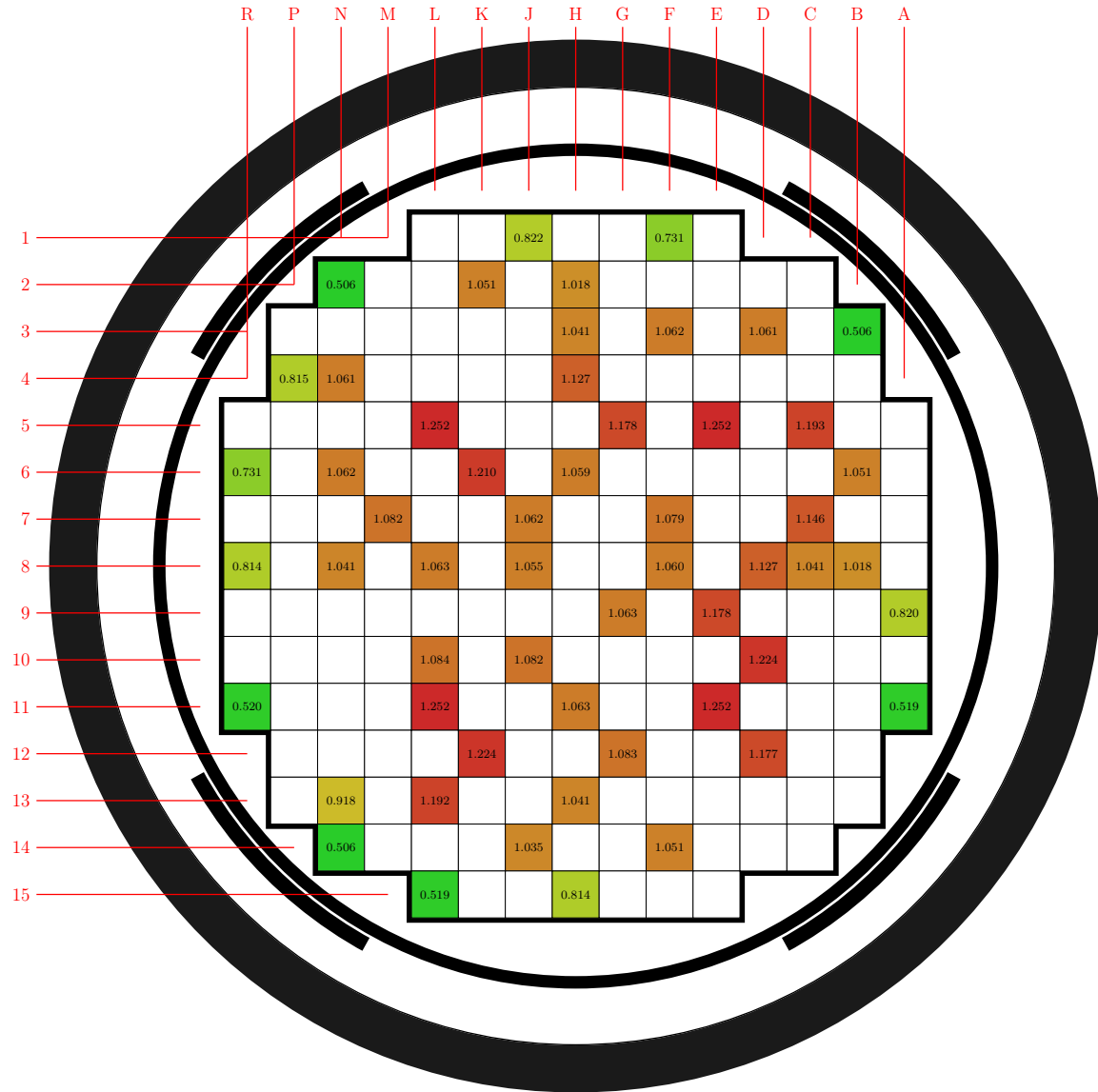


Figure 8: Radial detector measurements (simulate normalized to detector data).

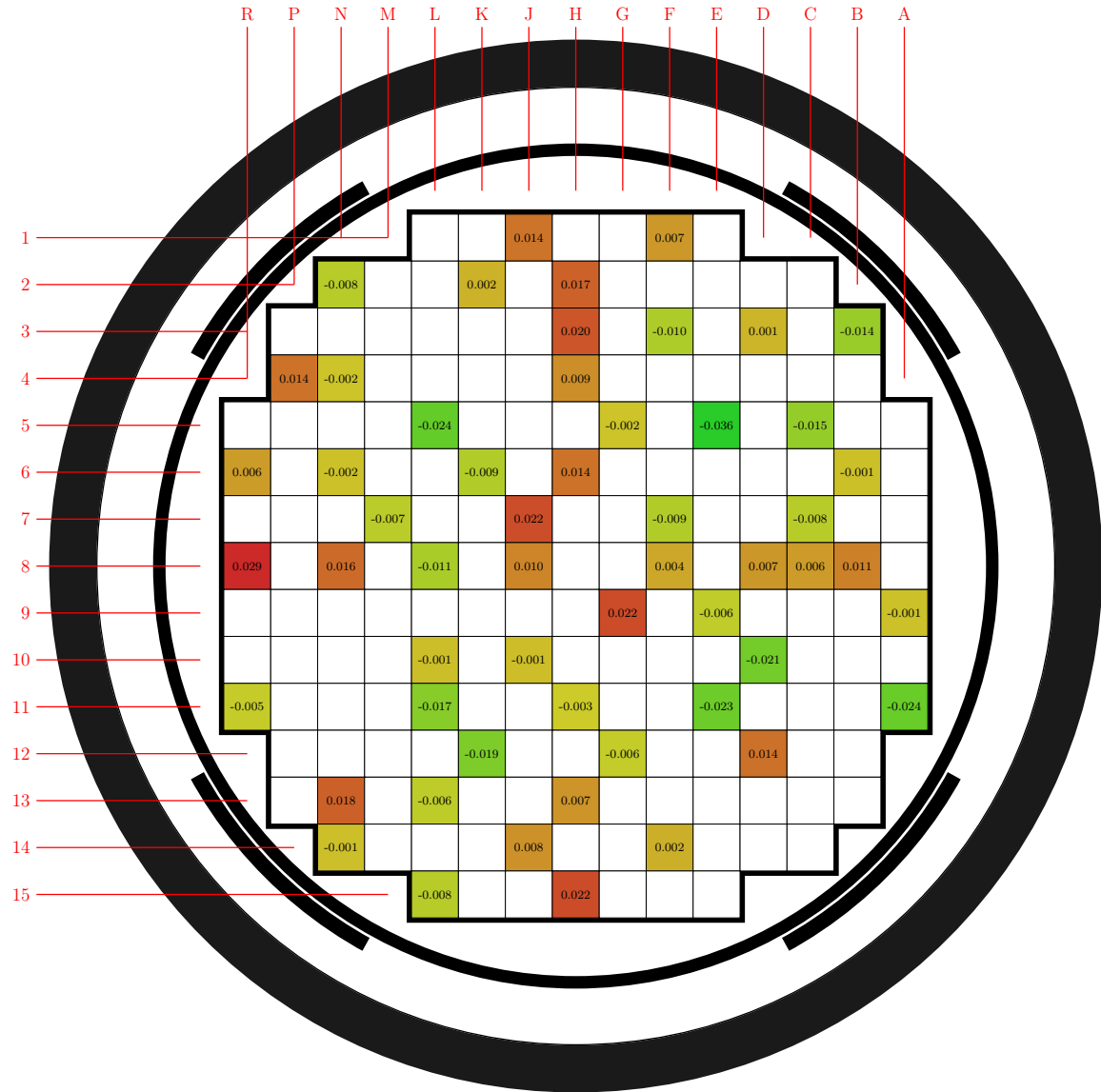


Figure 9: Radial detector absolute difference (simulate minus detector data).