

Measurements taken 251 calendar days since BOC.

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

- 1 3405.6 520. 228. 228. 228. 193. 230.
- 2 3401.3 514. 228. 228. 228. 193. 230.
- 3 3390.2 520. 228. 228. 228. 193. 230.
- 4 3400.3 516. 228. 228. 228. 194. 230.
- 5 3390.2 523. 228. 228. 228. 194. 230.
- 6 3397.6 516. 228. 228. 228. 194. 230.
- 7 3408.7 514. 228. 228. 228. 194. 230.
- 8 3402.3 514. 228. 228. 228. 194. 230.
- 9 3397.6 516. 228. 228. 228. 194. 230.
- 10 3394.9 519. 228. 228. 228. 194. 230.
- 11 3392.5 514. 228. 228. 228. 194. 230.
- 12 3391.4 520. 228. 228. 228. 194. 230.
- 13 3395.2 514. 228. 228. 228. 194. 230.

Average Power [MWt]: 3397.52307692

Inlet Coolant Temperature [°F]: 560.925

Core Burnup [MWD/MT]: 4613.5

Average Boron [ppm]: 516.923076923

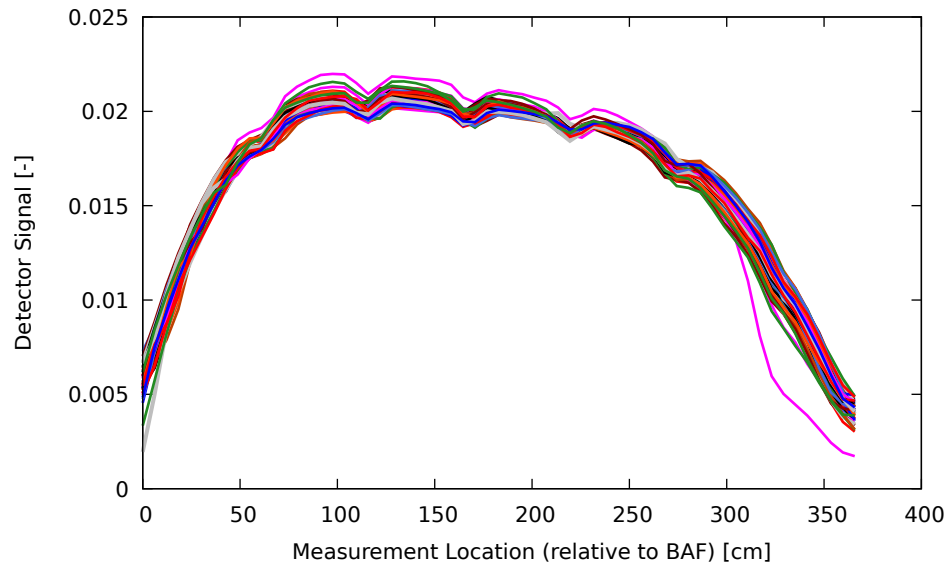


Figure 1: Renormalized data after spline

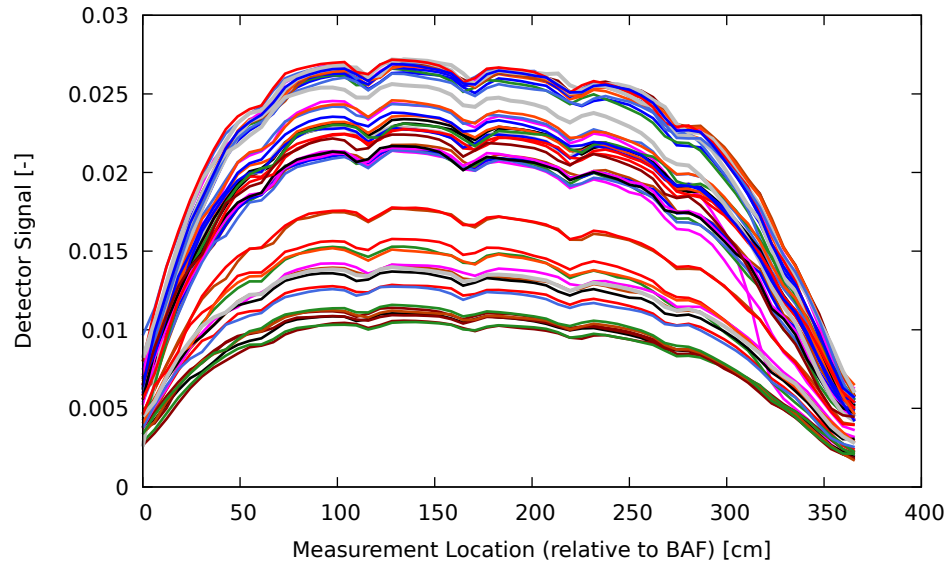


Figure 2: Unnormalized data after spline

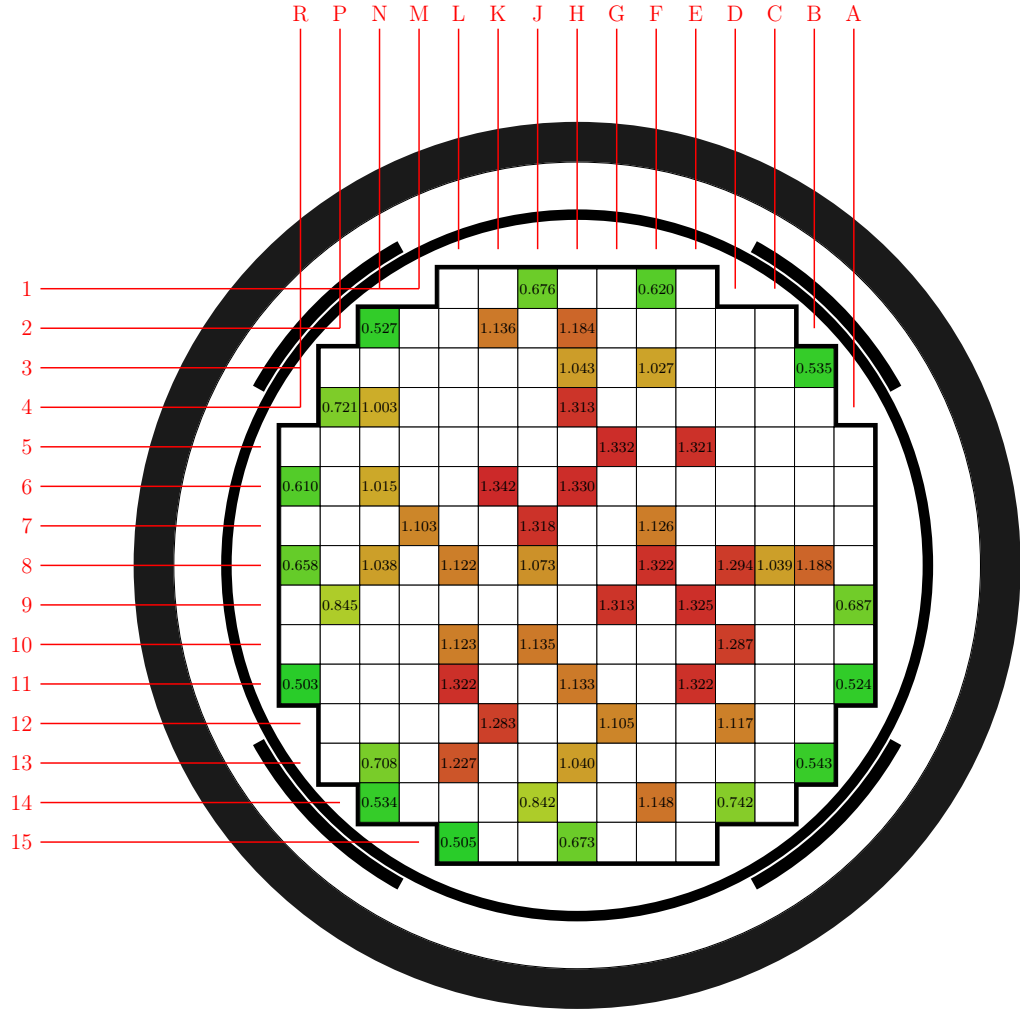


Figure 3: Radial detector measurements (axially integrated).

J1	0.676		F1	0.620
N2	0.527		K2	1.136
H2	1.184		H3	1.043
F3	1.027		D3	
B3	0.535		P4	0.721
N4	1.003		H4	1.313
L5			G5	1.332
E5	1.321		C5	
R6	0.610		N6	1.015
K6	1.342		H6	1.330
B6			M7	1.103
J7	1.318		F7	1.126
C7			R8	0.658
N8	1.038		L8	1.122
J8	1.073		F8	1.322
D8	1.294		C8	1.039
B8	1.188		P9	0.845
G9	1.313		E9	1.325
A9	0.687		L10	1.123
J10	1.135		D10	1.287
R11	0.503		L11	1.322
H11	1.133		E11	1.322
A11	0.524		K12	1.283
G12	1.105		D12	1.117
N13	0.708		L13	1.227
H13	1.040		B13	0.543
N14	0.534		J14	0.842
F14	1.148		D14	0.742
L15	0.505		H15	0.673

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

	H	G	F	E	D	C	B	A
8		1.073 — 1	1.326 0.006 2	1.127 0.008 2	1.303 0.013 2	1.040 0.003 4	1.186 0.003 2	0.666 0.011 2
9	1.073 — 1	1.316 0.004 2	1.135 — 1	1.329 0.005 2	1.103 — 1		0.842 — 1	0.687 — 1
10	1.326 0.006 2	1.126 — 1	1.342 — 1		1.285 0.003 2	1.021 0.008 2		0.615 0.007 2
11	1.127 0.008 2		1.123 — 1	1.322 0.001 3		1.227 — 1		0.514 0.013 2
12	1.303 0.013 2	1.105 — 1			1.117 — 1	1.003 — 1	0.721 — 1	
13	1.040 0.003 4					0.708 — 1	0.538 0.006 2	
14	1.186 0.003 2	0.845 — 1	1.142 0.008 2		0.742 — 1	0.531 0.006 2		
15	0.666 0.011 2	0.676 — 1		0.503 — 1				

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

D14	0.742		H9	1.073
D10	1.285		D12	1.117
E11	1.322		E15	0.503
B12	0.721		B13	0.538
C13	0.708		C12	1.003
C11	1.227		C10	1.021
F9	1.135		F8	1.326
C14	0.531		F11	1.123
A11	0.514		A10	0.615
F14	1.142		E8	1.127
E9	1.329		H10	1.326
H11	1.127		H12	1.303
H13	1.040		H14	1.186
H15	0.666		D9	1.103
D8	1.303		C8	1.040
B9	0.842		B8	1.186
G15	0.676		G14	0.845
G12	1.105		G10	1.126
A8	0.666		A9	0.687
F10	1.342		G8	1.073
G9	1.316			

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

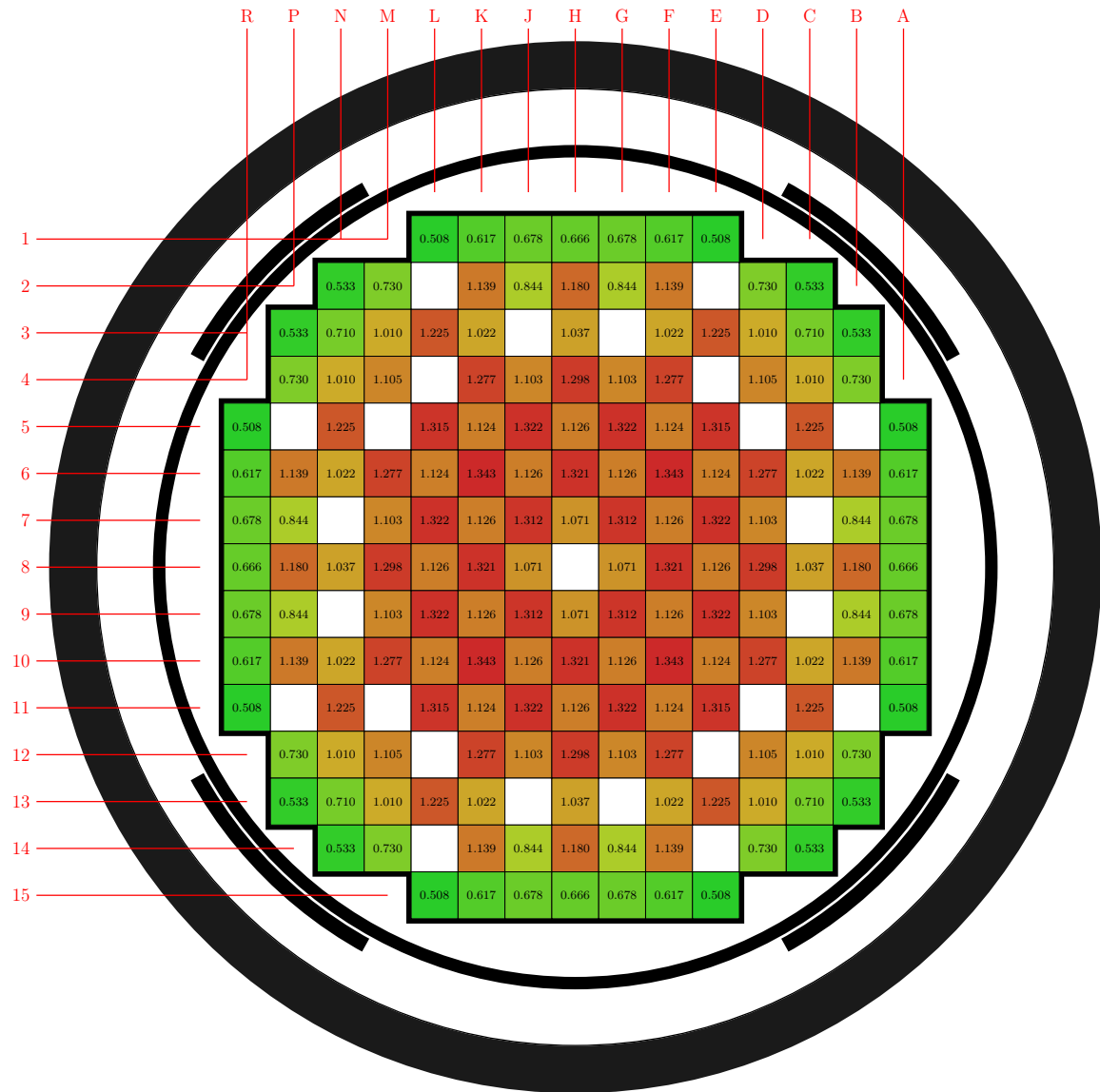


Figure 5: Radial detector measurements (tilt corrected).

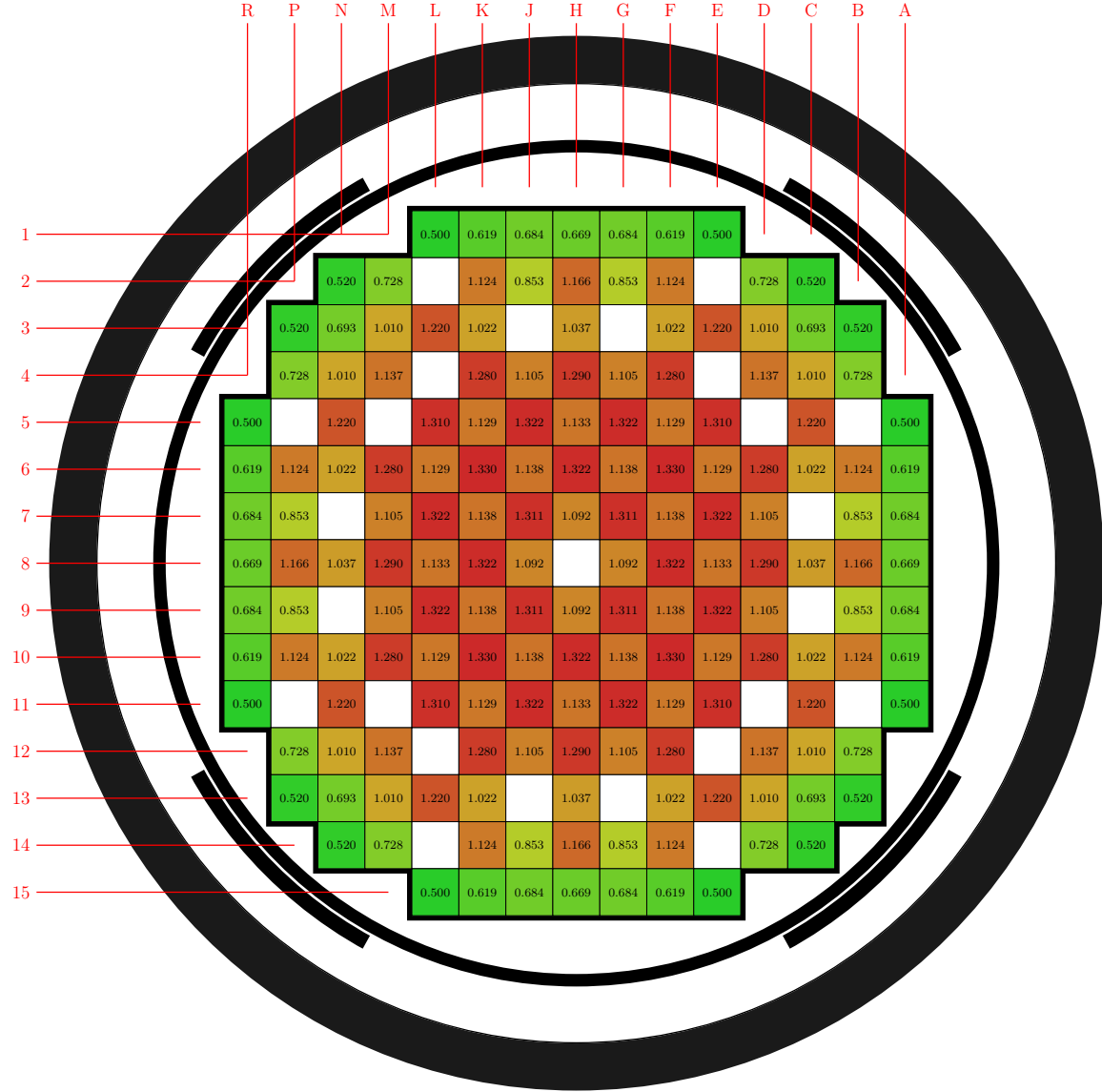


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

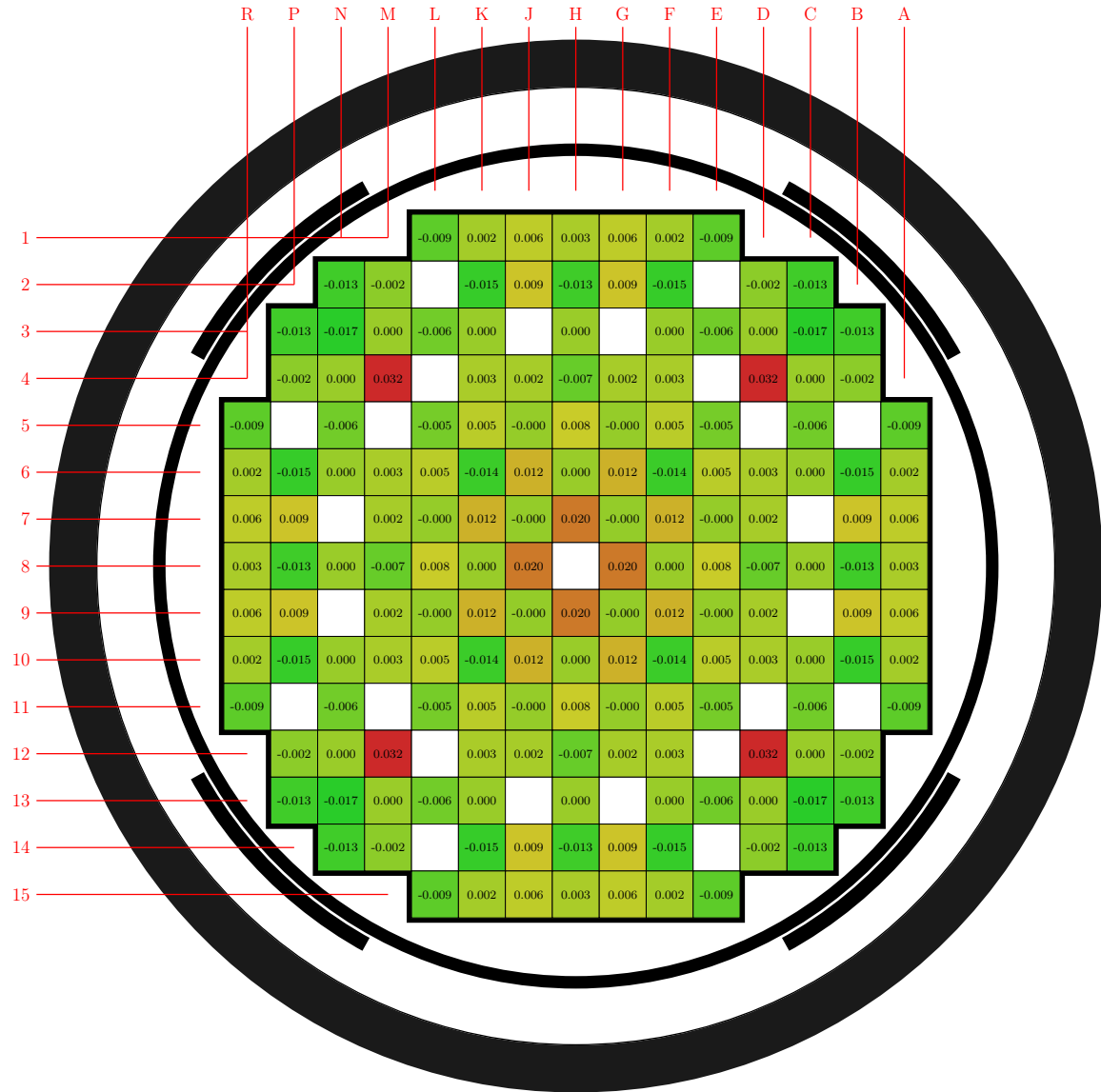


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

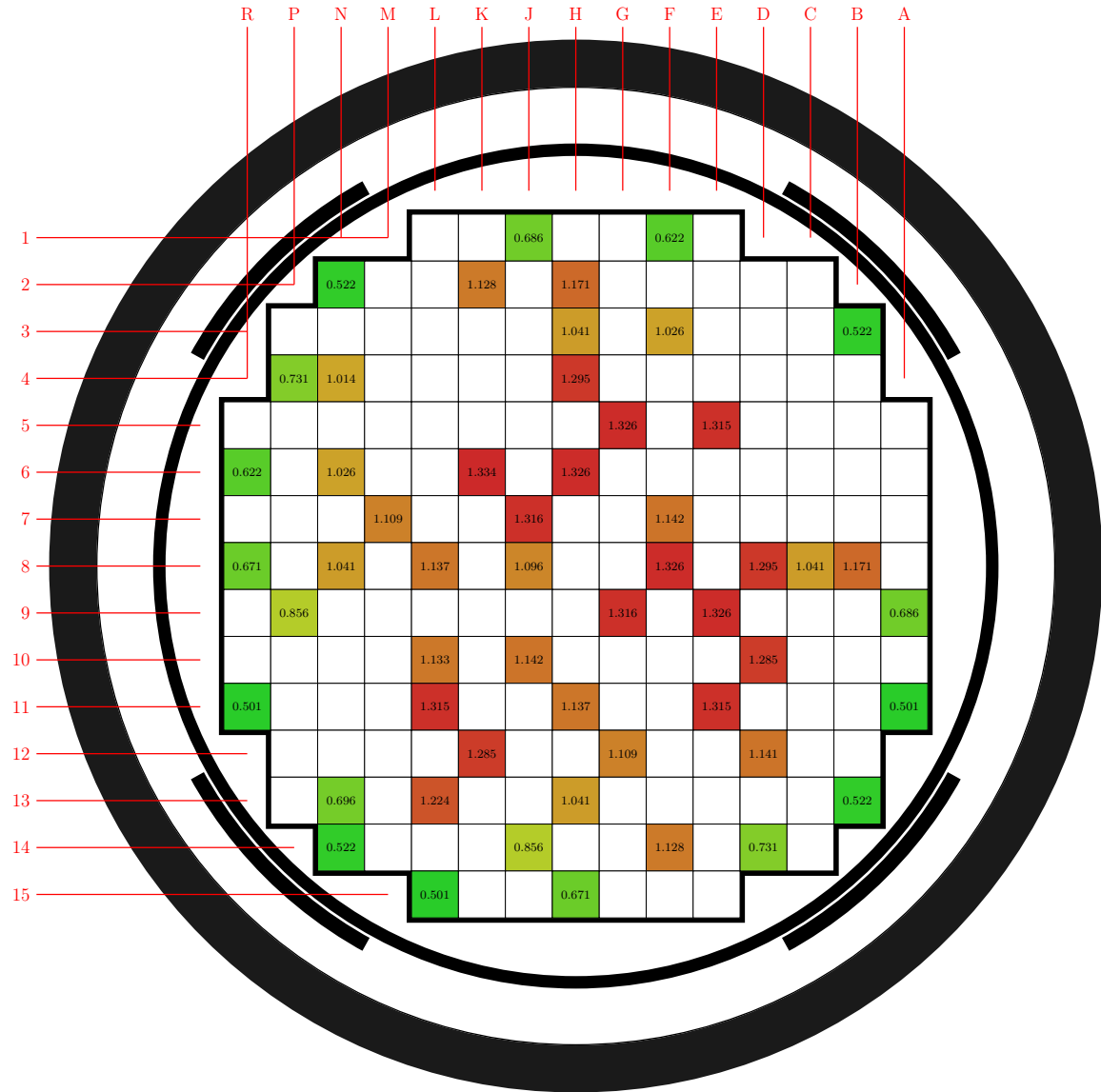


Figure 8: Radial detector measurements (simulate normalized to detector data).

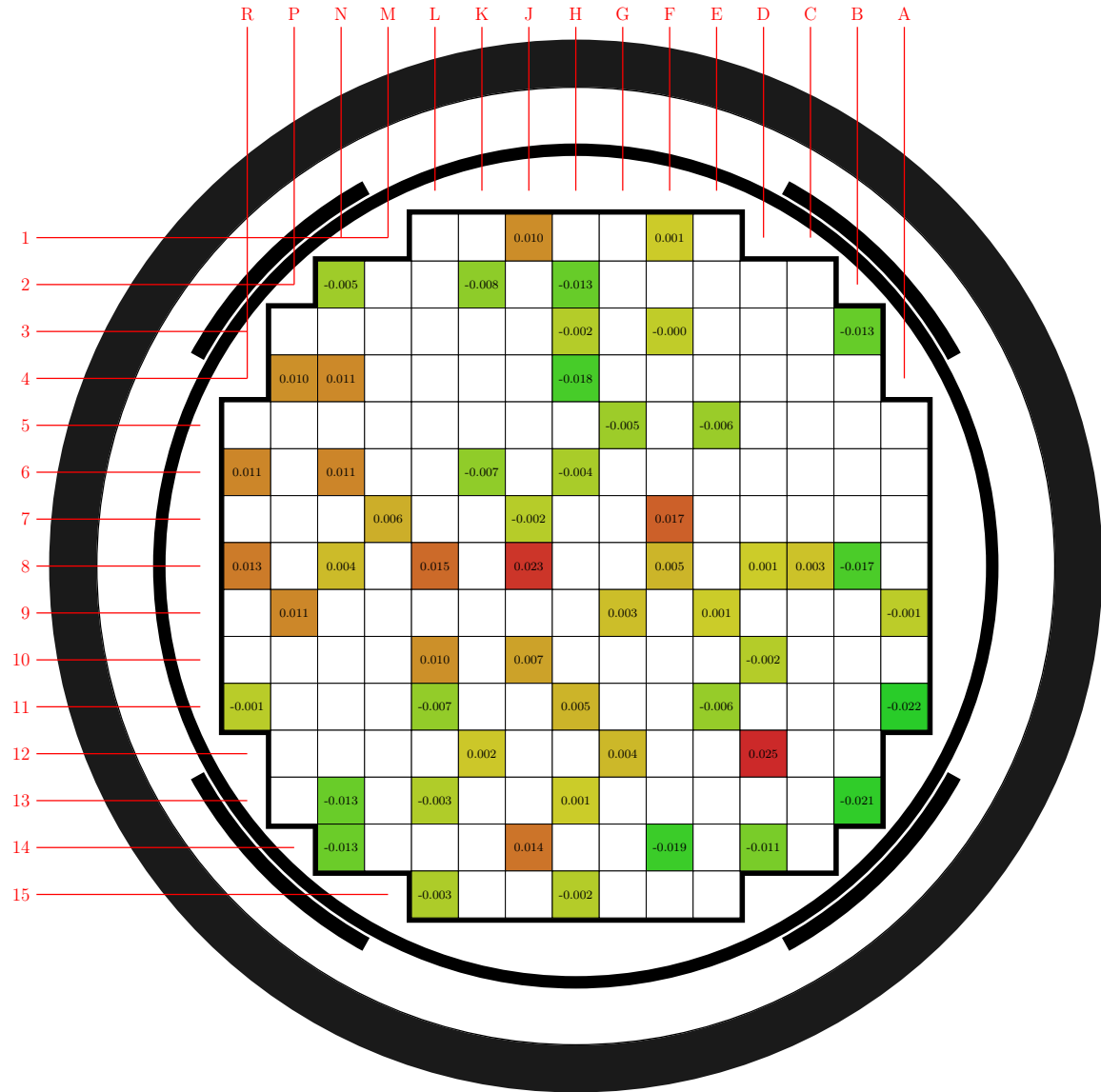


Figure 9: Radial detector absolute difference (simulate minus detector data).