

Measurements taken 169 calendar days since BOC.

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

- 1 3403.5 631. 228. 228. 228. 198. 230.
- 2 3409.7 630. 228. 228. 228. 198. 230.
- 3 3400.7 628. 228. 228. 228. 198. 230.
- 4 3403.1 633. 228. 228. 228. 198. 230.
- 5 3401.8 630. 228. 228. 228. 198. 230.
- 6 3392.0 627. 228. 228. 228. 198. 230.
- 7 3410.7 630. 228. 228. 228. 198. 230.
- 8 3396.9 630. 228. 228. 228. 198. 230.
- 9 3391.9 628. 228. 228. 228. 198. 230.
- 10 3403.1 628. 228. 228. 228. 198. 230.
- 11 3411.1 630. 228. 228. 228. 198. 230.
- 12 3410.2 633. 228. 228. 228. 198. 230.
- 13 3408.8 630. 228. 228. 228. 198. 230.
- 14 3405.9 630. 228. 228. 228. 198. 230.

Average Power [MWt]: 3403.52857143

Inlet Coolant Temperature [°F]: 561.3

Core Burnup [MWD/MT]: 1506.8

Average Boron [ppm]: 629.857142857

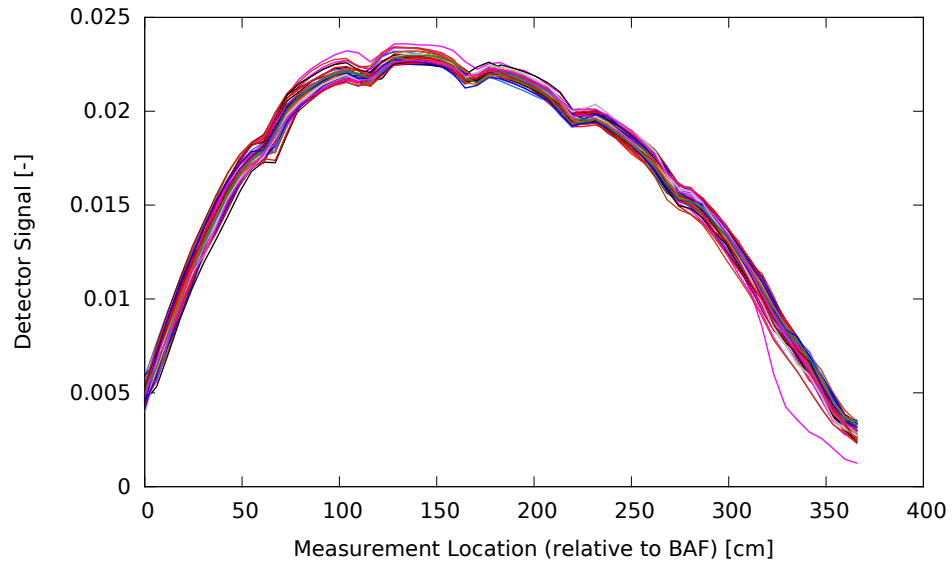


Figure 1: Renormalized data after spline

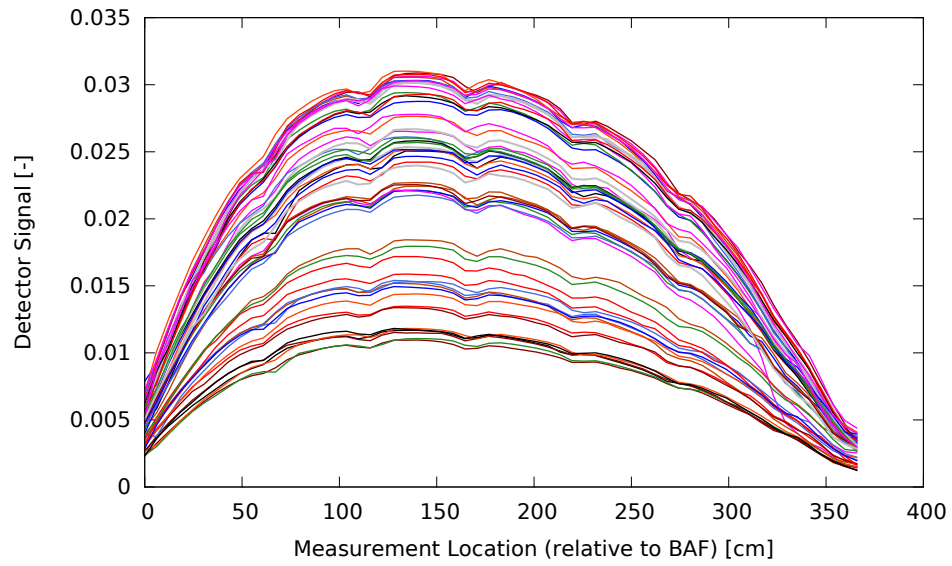


Figure 2: Unnormalized data after spline

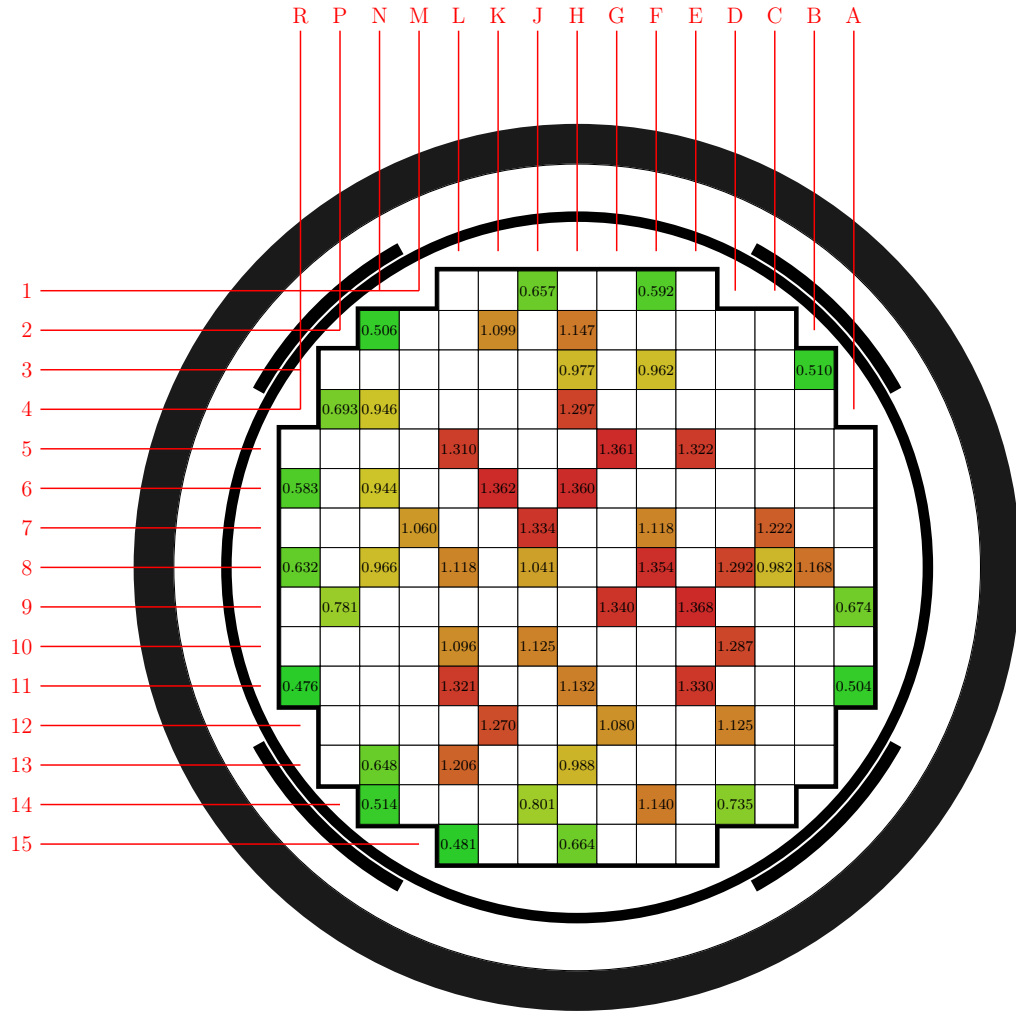


Figure 3: Radial detector measurements (axially integrated).

J1	0.657		F1	0.592
N2	0.506		K2	1.099
H2	1.147		H3	0.977
F3	0.962		D3	
B3	0.510		P4	0.693
N4	0.946		H4	1.297
L5	1.310		G5	1.361
E5	1.322		C5	
R6	0.583		N6	0.944
K6	1.362		H6	1.360
B6			M7	1.060
J7	1.334		F7	1.118
C7	1.222		R8	0.632
N8	0.966		L8	1.118
J8	1.041		F8	1.354
D8	1.292		C8	0.982
B8	1.168		P9	0.781
G9	1.340		E9	1.368
A9	0.674		L10	1.096
J10	1.125		D10	1.287
R11	0.476		L11	1.321
H11	1.132		E11	1.330
A11	0.504		K12	1.270
G12	1.080		D12	1.125
N13	0.648		L13	1.206
H13	0.988		B13	
N14	0.514		J14	0.801
F14	1.140		D14	0.735
L15	0.481		H15	0.664

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

	H	G	F	E	D	C	B	A
8		1.041 — 1	1.357 0.004 2	1.125 0.010 2	1.295 0.004 2	0.978 0.009 4	1.158 0.015 2	0.648 0.023 2
9	1.041 — 1	1.337 0.004 2	1.125 — 1	1.364 0.005 2	1.060 — 1		0.801 — 1	0.674 — 1
10	1.357 0.004 2	1.118 — 1	1.362 — 1		1.278 0.012 2	0.953 0.013 2		0.587 0.006 2
11	1.125 0.010 2		1.096 — 1	1.321 0.008 4		1.206 — 1		0.492 0.016 2
12	1.295 0.004 2	1.080 — 1			1.125 — 1	0.946 — 1	0.693 — 1	
13	0.978 0.009 4	1.222 — 1				0.648 — 1	0.514 — 1	
14	1.158 0.015 2	0.781 — 1	1.120 0.029 2		0.735 — 1	0.508 0.003 2		
15	0.648 0.023 2	0.657 — 1		0.476 — 1				

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

D14	0.735		H9	1.041
D10	1.278		D12	1.125
E11	1.321		E15	0.476
B12	0.693		B13	0.514
C13	0.648		C12	0.946
C11	1.206		C10	0.953
F9	1.125		F8	1.357
C14	0.508		F11	1.096
A11	0.492		A10	0.587
F14	1.120		E8	1.125
E9	1.364		H10	1.357
H11	1.125		H12	1.295
H13	0.978		H14	1.158
H15	0.648		D9	1.060
D8	1.295		C8	0.978
B9	0.801		B8	1.158
G15	0.657		G14	0.781
G13	1.222		G12	1.080
G10	1.118		A8	0.648
A9	0.674		F10	1.362
G8	1.041		G9	1.337

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

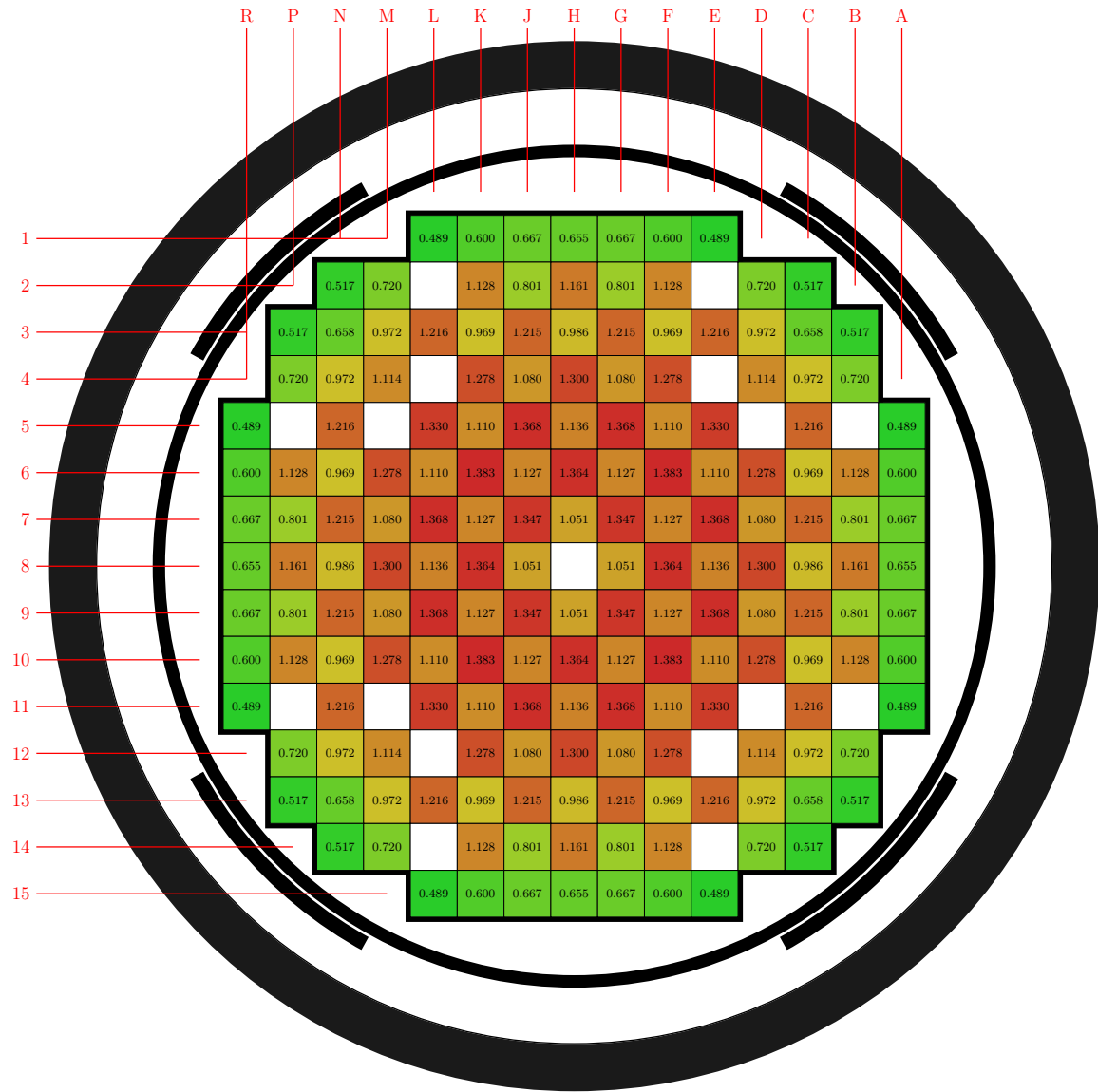


Figure 5: Radial detector measurements (tilt corrected).

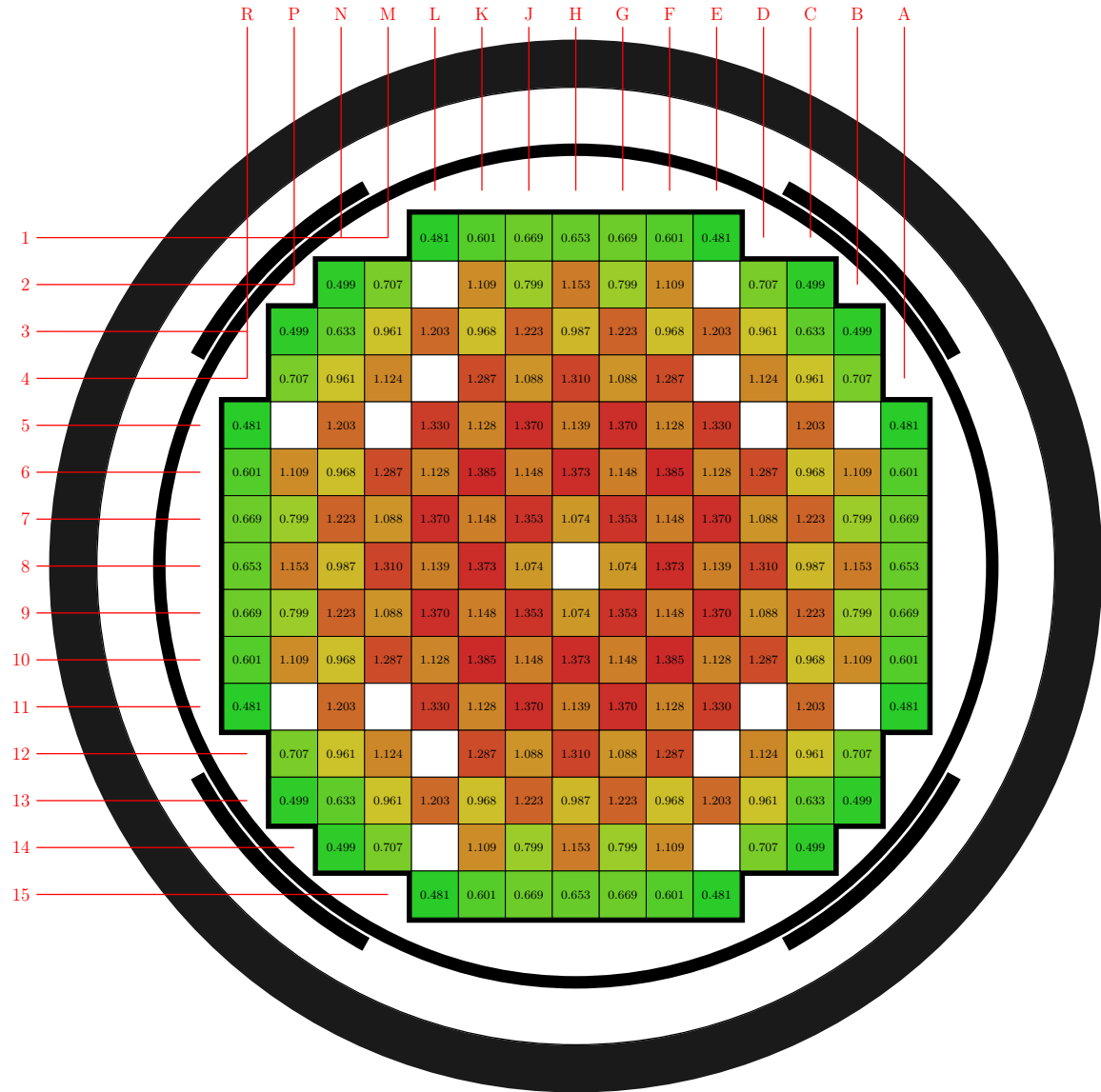


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

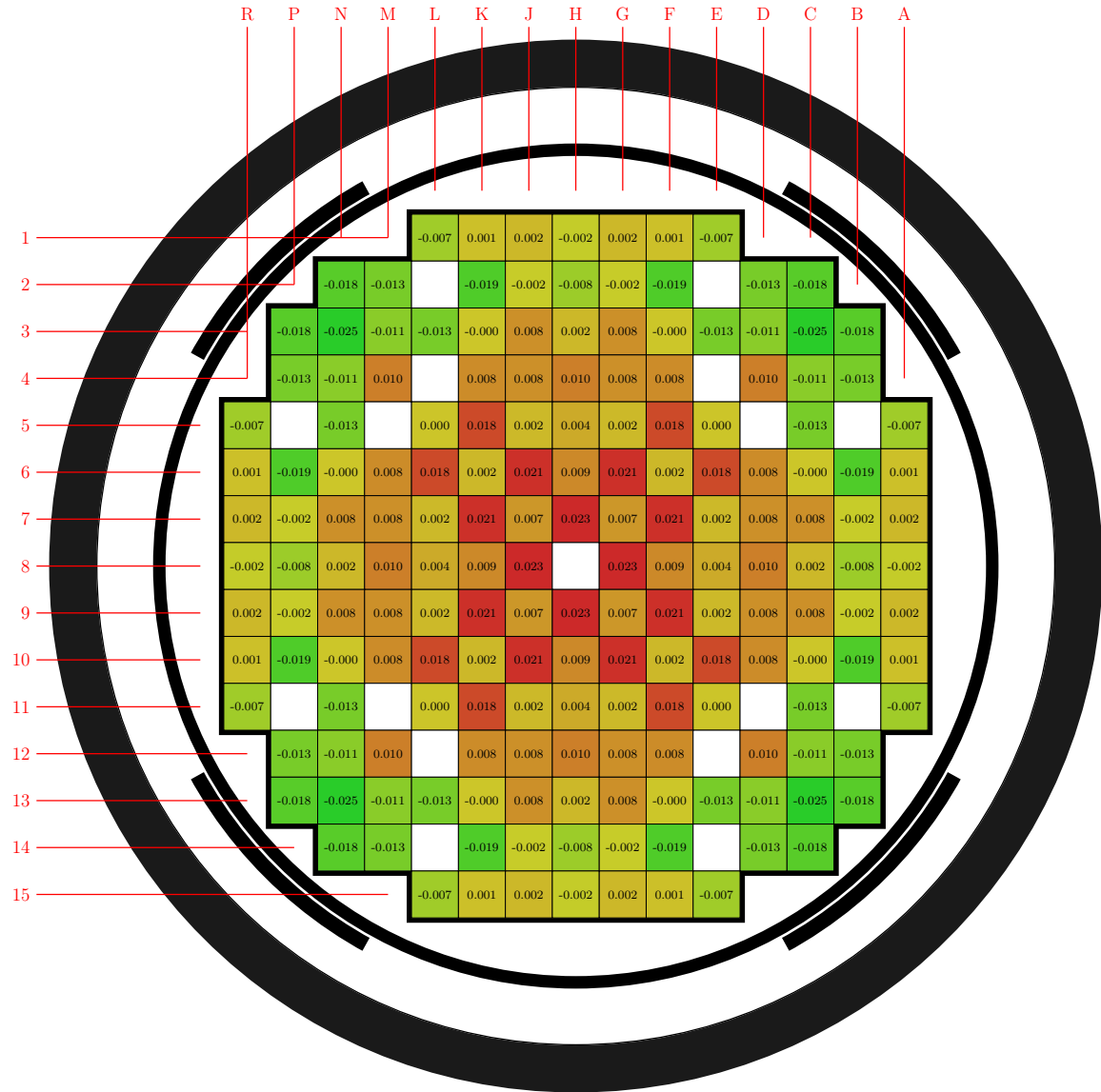


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).



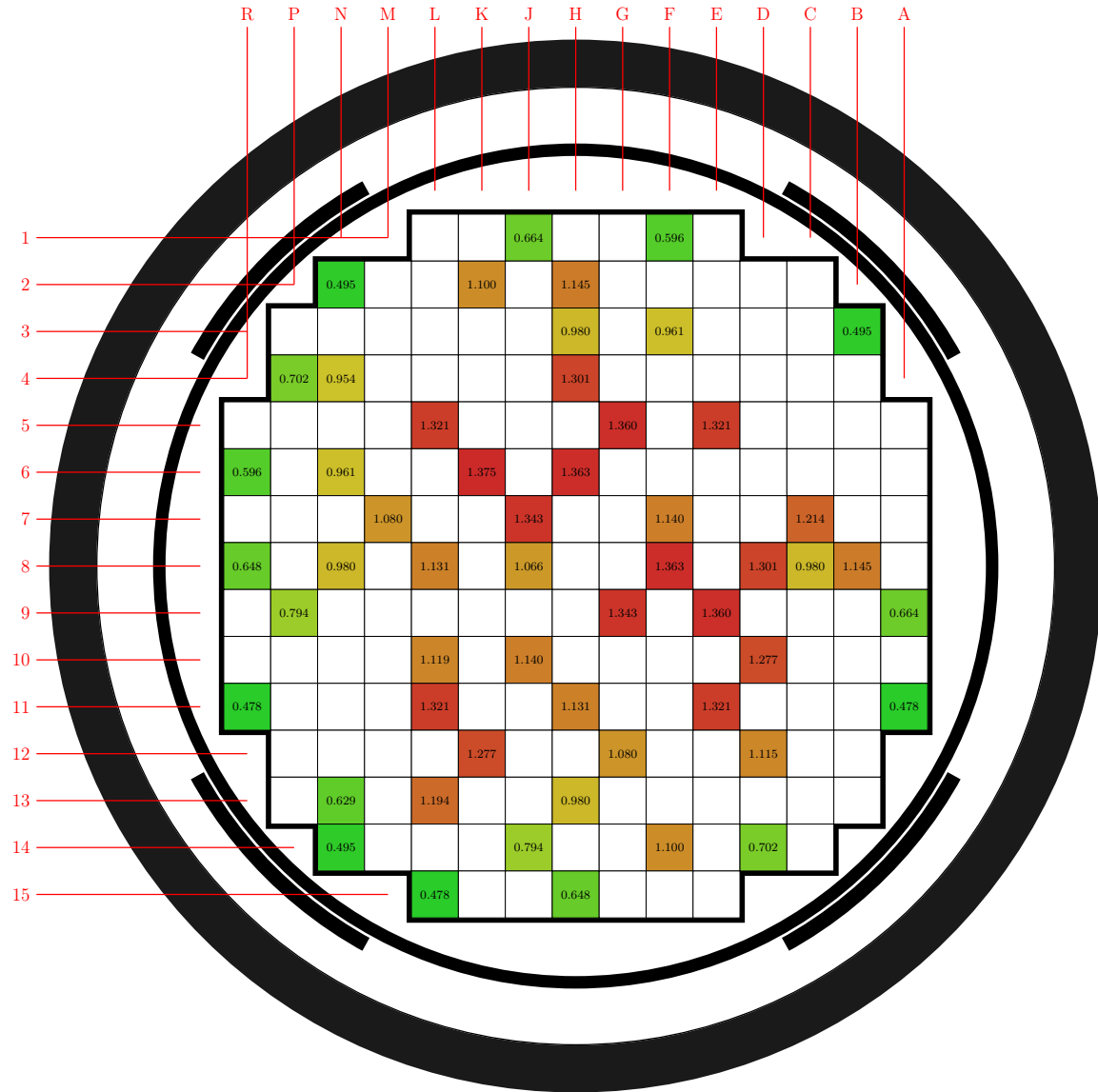


Figure 8: Radial detector measurements (simulate normalized to detector data).

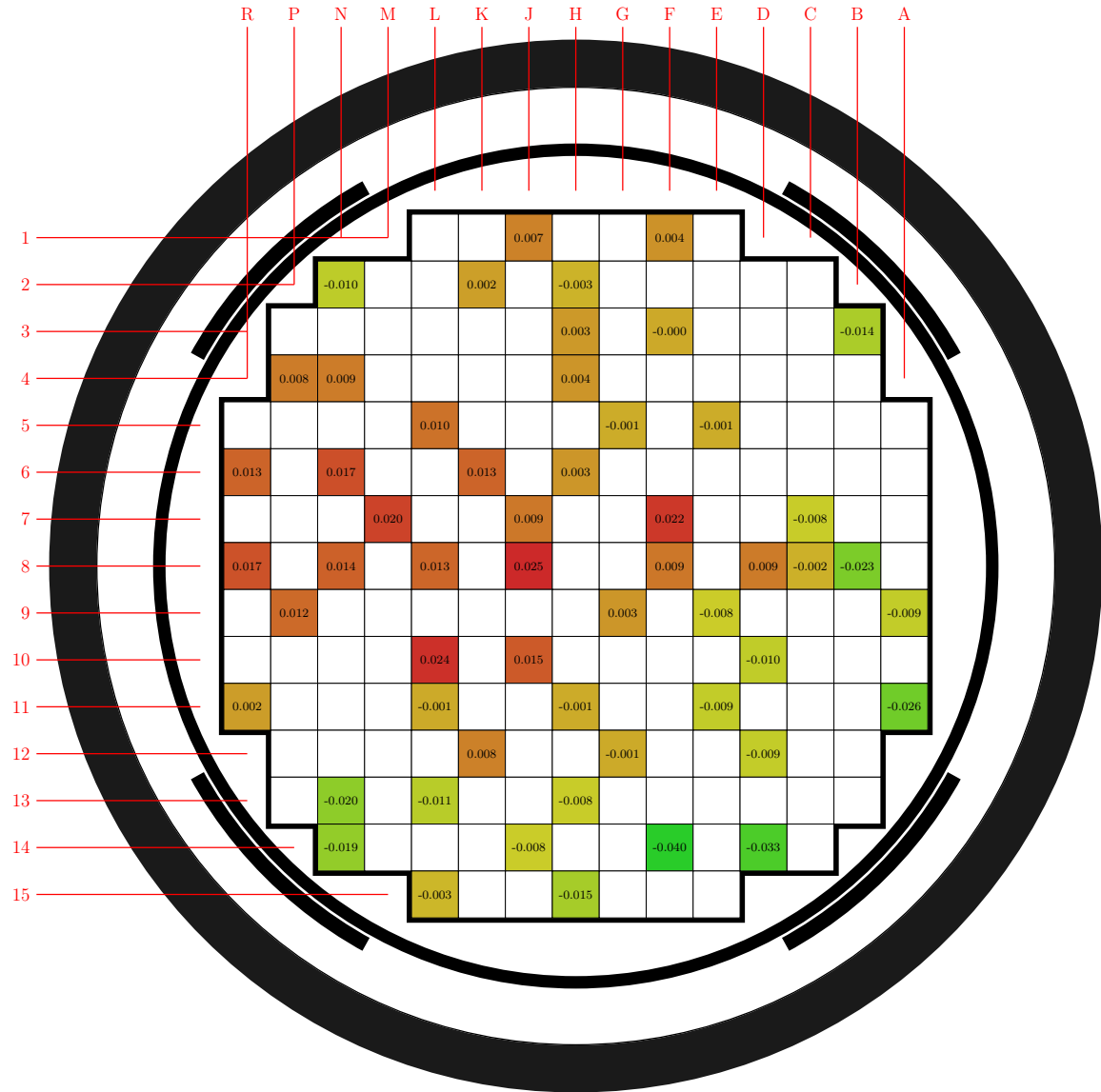


Figure 9: Radial detector absolute difference (simulate minus detector data).