

Measurements taken 504 calendar days since BOC.

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

- 1 3400.5 120. 228. 228. 228. 215. 230.
- 2 3399.6 120. 228. 228. 228. 215. 230.
- 3 3409.3 120. 228. 228. 228. 215. 230.
- 4 3399.6 120. 228. 228. 228. 215. 230.
- 5 3402.8 120. 228. 228. 228. 215. 230.
- 6 3403.9 120. 228. 228. 228. 215. 230.
- 7 3401.3 120. 228. 228. 228. 215. 230.
- 8 3410.6 120. 228. 228. 228. 215. 230.
- 9 3400.2 120. 228. 228. 228. 215. 230.
- 10 3402.4 120. 228. 228. 228. 215. 230.
- 11 3407.5 120. 228. 228. 228. 215. 230.
- 12 3404.6 120. 228. 228. 228. 215. 230.
- 13 3407.5 120. 228. 228. 228. 215. 230.
- 14 3400.3 120. 228. 228. 228. 215. 230.
- 15 3405.0 120. 228. 228. 228. 215. 230.
- 16 3402.2 120. 228. 228. 228. 215. 230.
- 17 3402.7 120. 228. 228. 228. 215. 230.
- 18 3398.9 120. 228. 228. 228. 215. 230.
- 19 3410.8 120. 228. 228. 228. 215. 230.
- 20 3404.5 120. 228. 228. 228. 215. 230.

Average Power [MWt]: 3403.71

Inlet Coolant Temperature [°F]: 560.575

Core Burnup [MWD/MT]: 12341.2

Average Boron [ppm]: 120.0

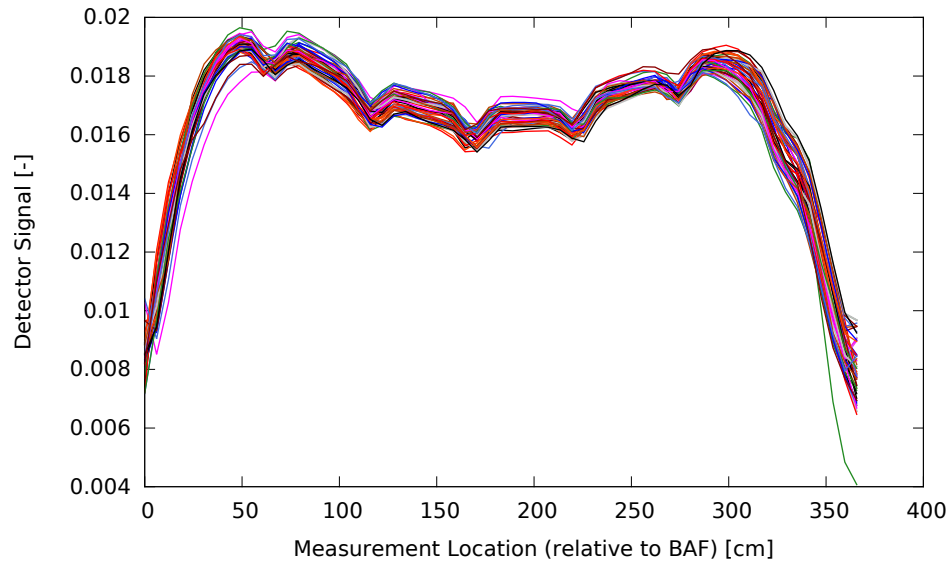


Figure 1: Renormalized data after spline

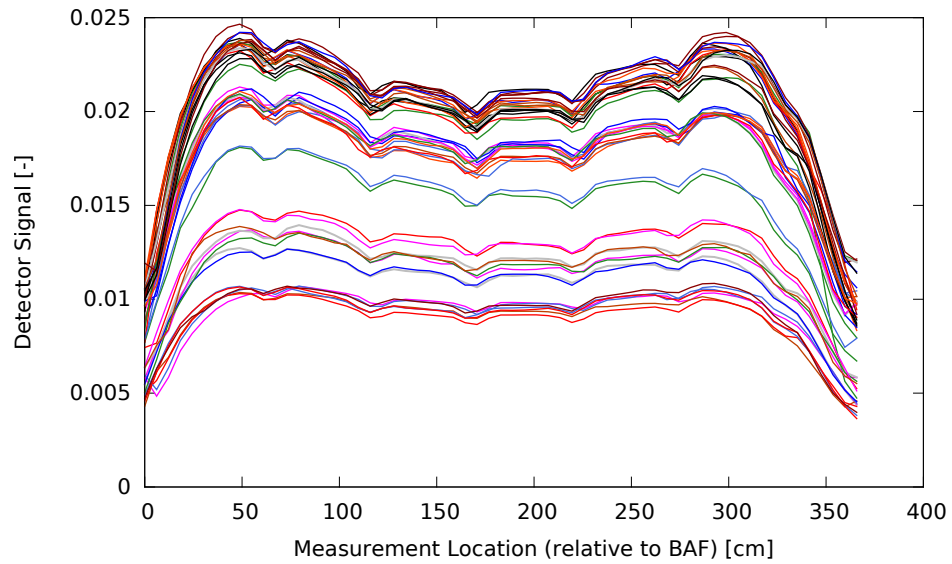


Figure 2: Unnormalized data after spline

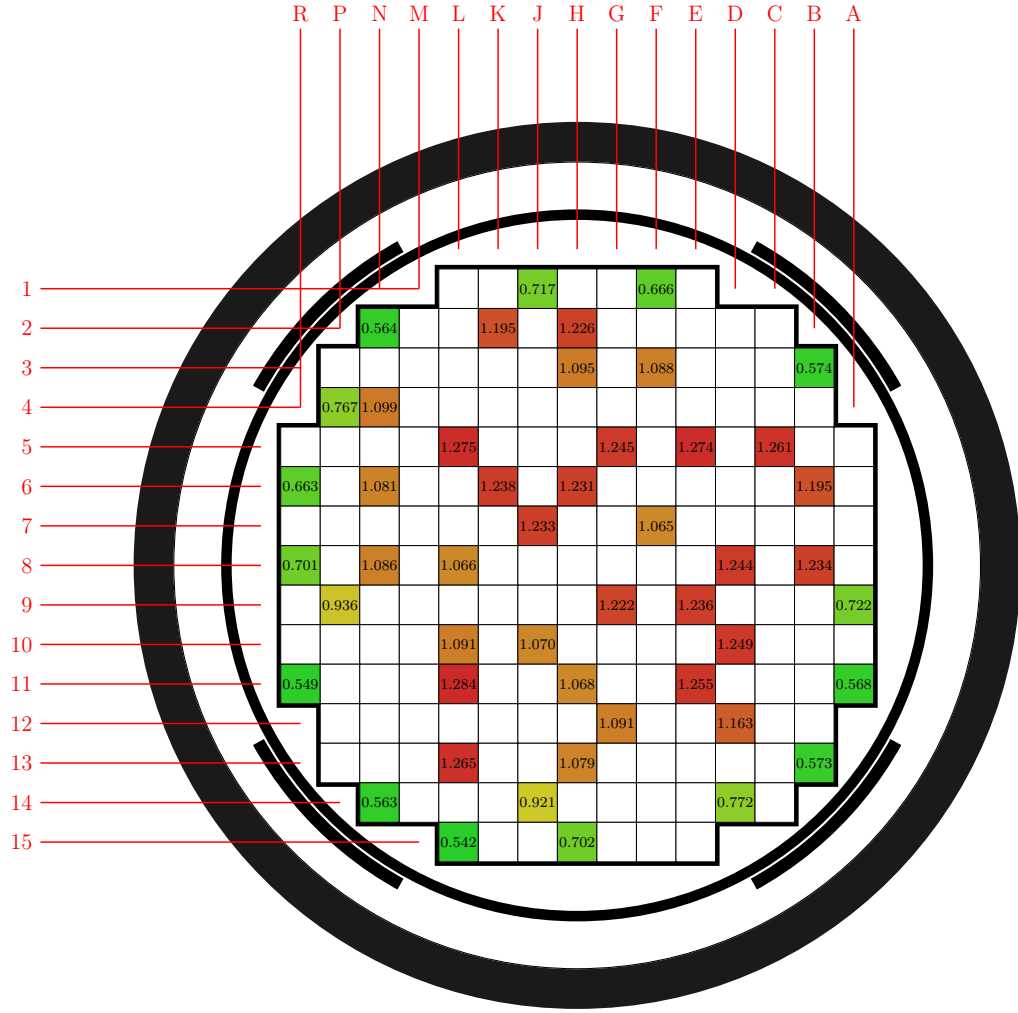


Figure 3: Radial detector measurements (axially integrated).

J1	0.717		F1	0.666
N2	0.564		K2	1.195
H2	1.226		H3	1.095
F3	1.088		D3	
B3	0.574		P4	0.767
N4	1.099		H4	
L5	1.275		G5	1.245
E5	1.274		C5	1.261
R6	0.663		N6	1.081
K6	1.238		H6	1.231
B6	1.195		M7	
J7	1.233		F7	1.065
C7			R8	0.701
N8	1.086		L8	1.066
J8			F8	
D8	1.244		C8	
B8	1.234		P9	0.936
G9	1.222		E9	1.236
A9	0.722		L10	1.091
J10	1.070		D10	1.249
R11	0.549		L11	1.284
H11	1.068		E11	1.255
A11	0.568		K12	
G12	1.091		D12	1.163
N13			L13	1.265
H13	1.079		B13	0.573
N14	0.563		J14	0.921
F14			D14	0.772
L15	0.542		H15	0.702

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

	H	G	F	E	D	C	B	A
8			1.231 — 1	1.067 0.002 2	1.244 — 1	1.087 0.008 3	1.230 0.006 2	0.701 0.001 2
9		1.228 0.007 2	1.070 — 1	1.241 0.006 2			0.921 — 1	0.722 — 1
10	1.231 — 1	1.065 — 1	1.238 — 1		1.249 — 1	1.084 0.005 2		0.664 0.002 2
11	1.067 0.002 2		1.091 — 1	1.272 0.012 4		1.265 — 1		0.555 0.019 2
12	1.244 — 1	1.091 — 1			1.163 — 1	1.099 — 1	0.767 — 1	
13	1.087 0.008 3			1.261 — 1			0.568 0.007 2	
14	1.230 0.006 2	0.936 — 1	1.195 0.000 2		0.772 — 1	0.569 0.007 2		
15	0.701 0.001 2	0.717 — 1		0.549 — 1				

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

D14	0.772		D10	1.249
D12	1.163		E11	1.272
E13	1.261		E15	0.549
B12	0.767		B13	0.568
C12	1.099		C11	1.265
C10	1.084		F9	1.070
F8	1.231		C14	0.569
F11	1.091		A11	0.555
A10	0.664		F14	1.195
E8	1.067		E9	1.241
H10	1.231		H11	1.067
H12	1.244		H13	1.087
H14	1.230		H15	0.701
D8	1.244		C8	1.087
B9	0.921		B8	1.230
G15	0.717		G14	0.936
G12	1.091		G10	1.065
A8	0.701		A9	0.722
F10	1.238		G9	1.228

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

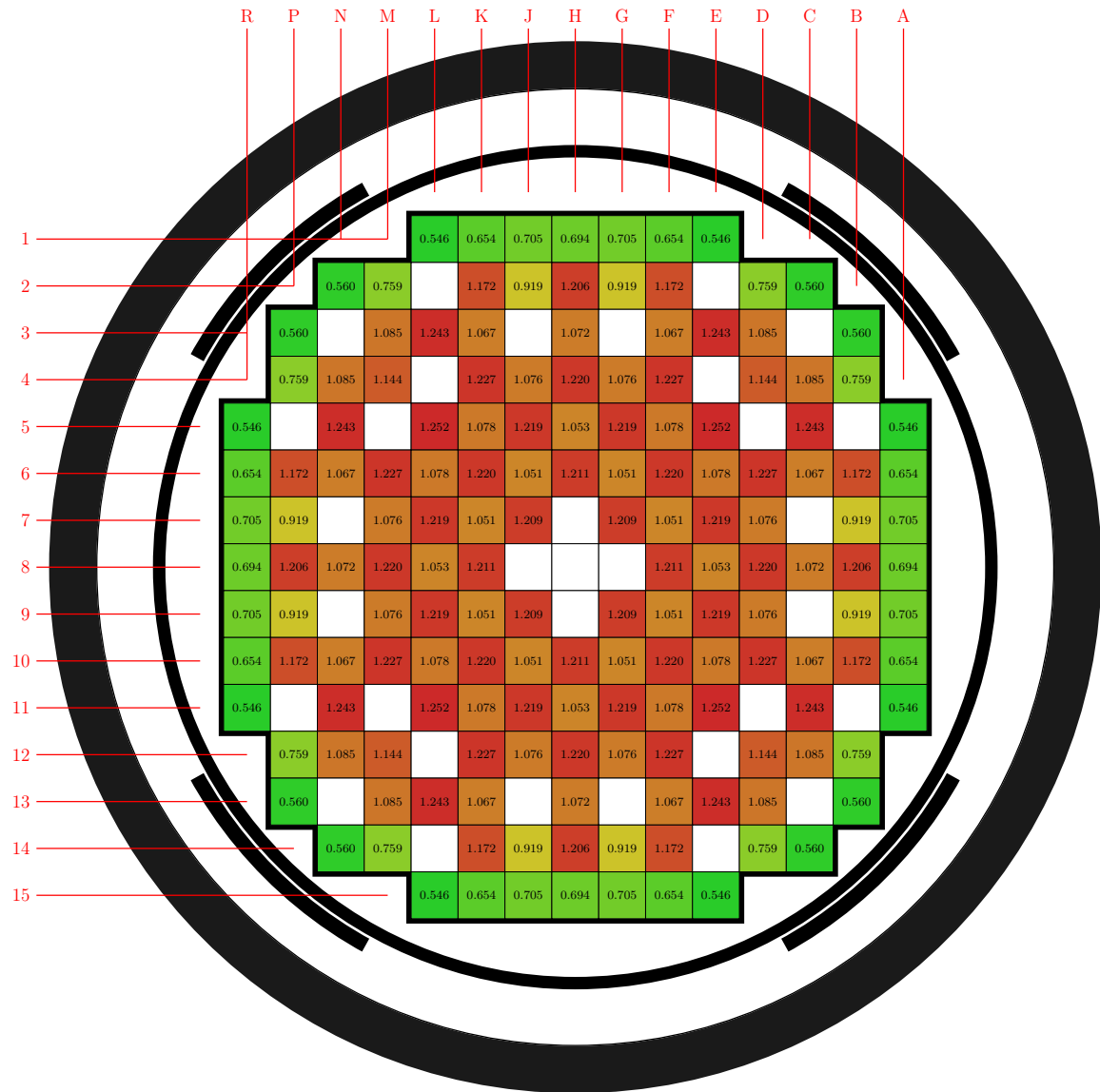


Figure 5: Radial detector measurements (tilt corrected).

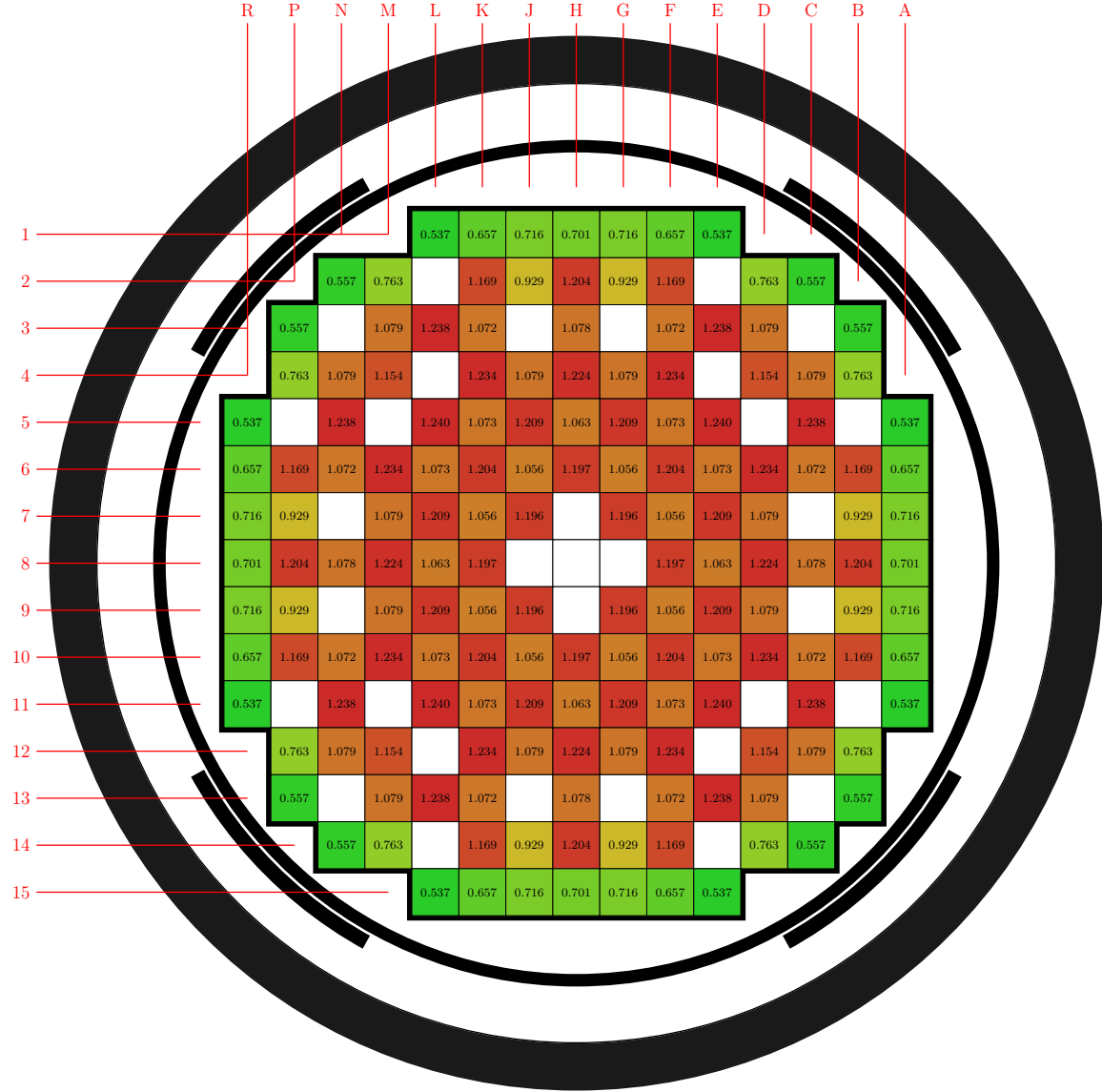


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

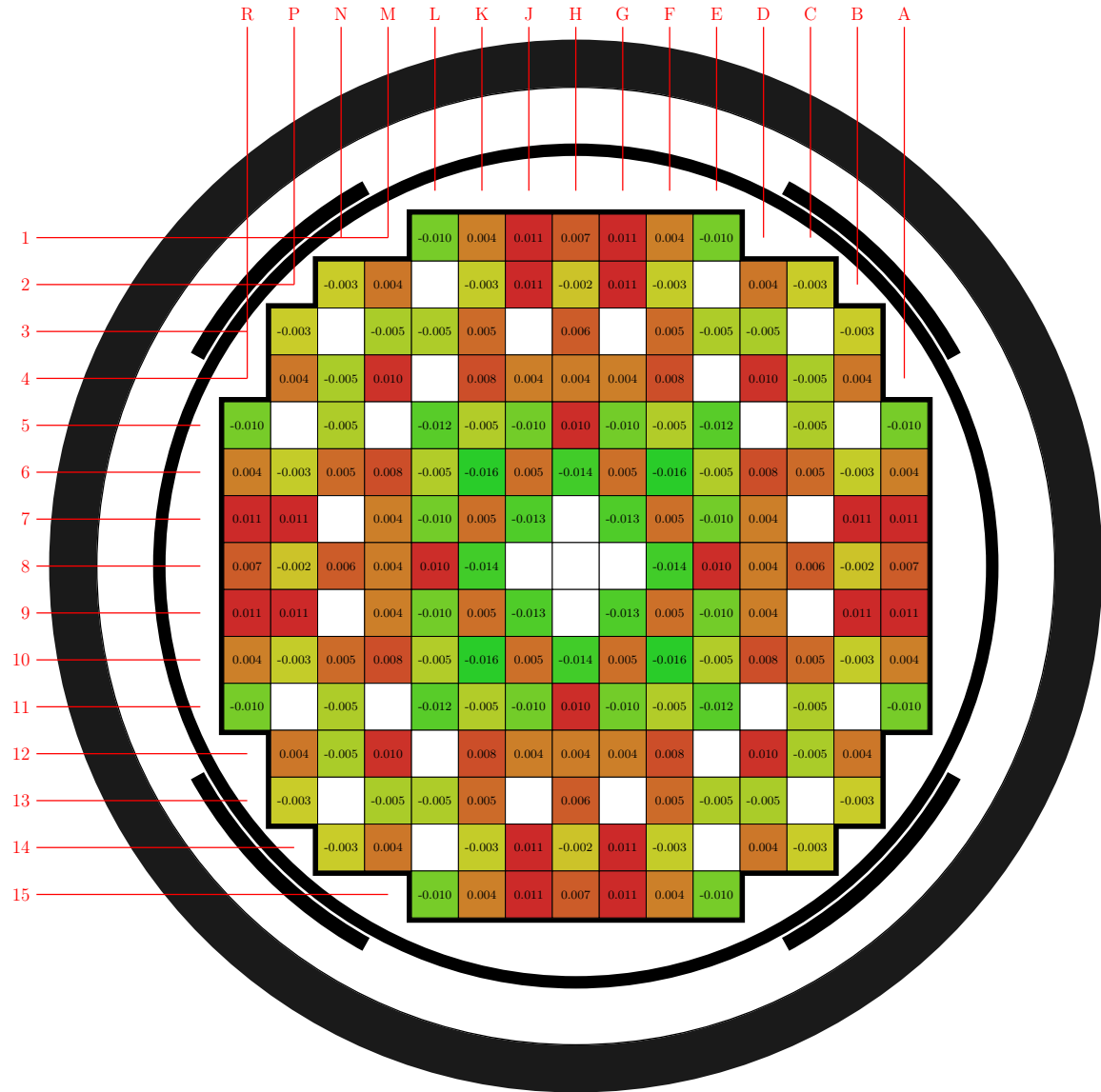


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

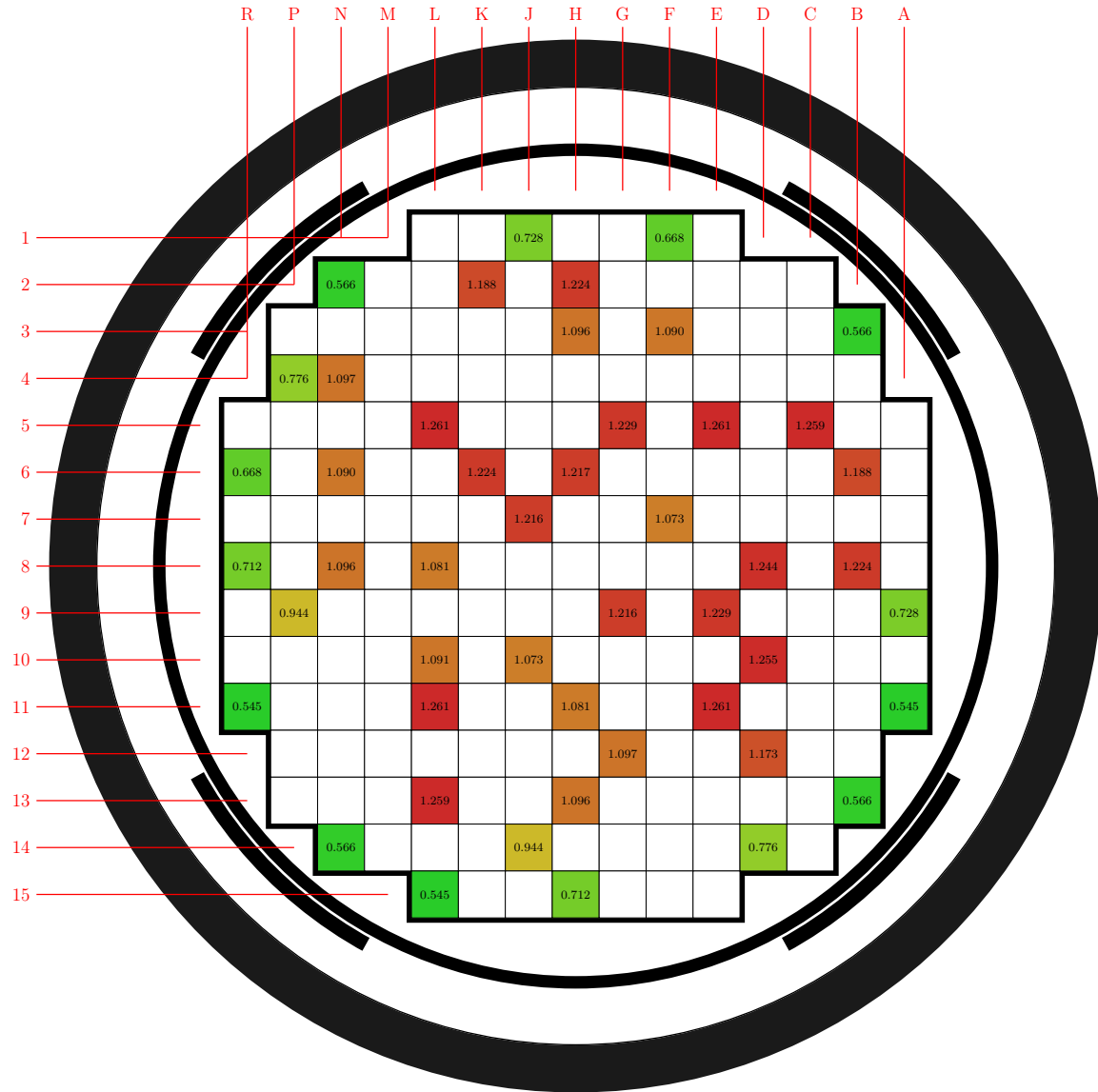


Figure 8: Radial detector measurements (simulate normalized to detector data).

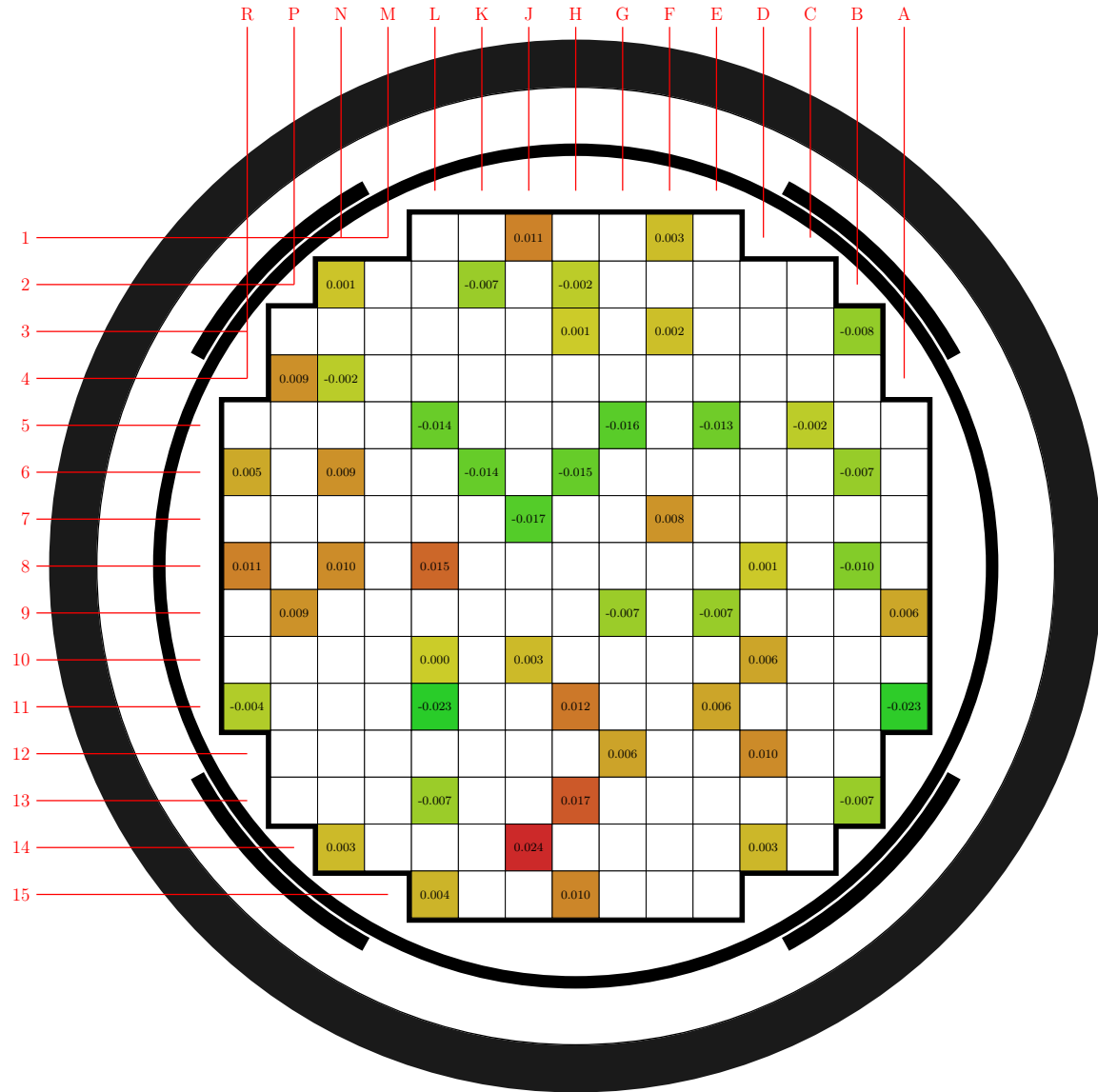


Figure 9: Radial detector absolute difference (simulate minus detector data).