

Measurements taken 296 calendar days since BOC.

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

- 1 3414.0 212. 228. 228. 228. 217. 230.
- 2 3407.1 131. 228. 228. 228. 217. 230.
- 3 3411.2 131. 228. 228. 228. 217. 230.
- 4 3409.4 131. 228. 228. 228. 217. 230.
- 5 3409.9 131. 228. 228. 228. 217. 230.
- 6 3408.5 131. 228. 228. 228. 217. 230.
- 7 3405.4 131. 228. 228. 228. 217. 230.
- 8 3405.4 131. 228. 228. 228. 217. 230.
- 9 3407.9 131. 228. 228. 228. 217. 230.
- 10 3406.7 131. 228. 228. 228. 217. 230.
- 11 3408.2 131. 228. 228. 228. 217. 230.
- 12 3407.4 131. 228. 228. 228. 217. 230.
- 13 3407.2 131. 228. 228. 228. 217. 230.
- 14 3405.8 131. 228. 228. 228. 217. 230.

Average Power [MWt]: 3408.15

Inlet Coolant Temperature [°F]: 560.775

Core Burnup [MWD/MT]: 10433.1

Average Boron [ppm]: 136.785714286

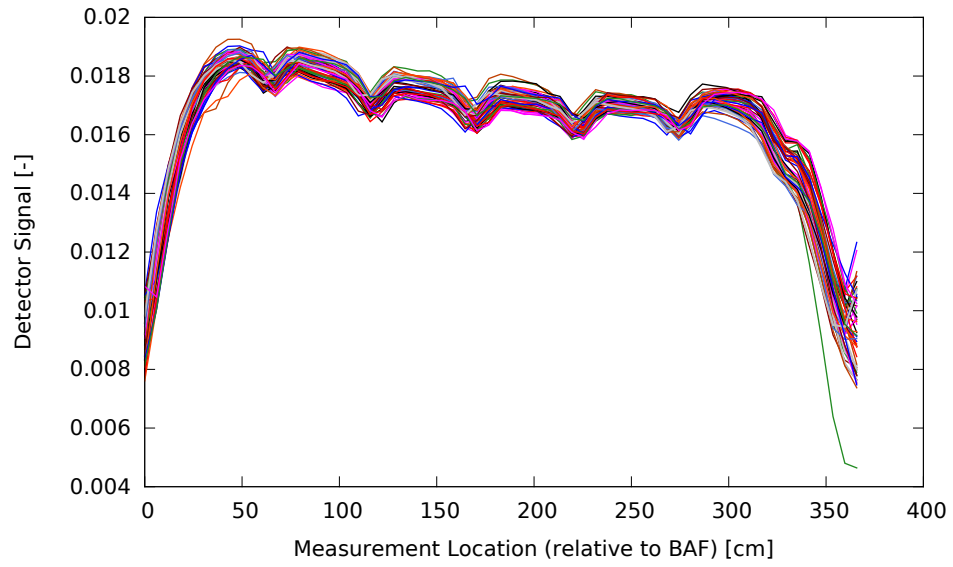


Figure 1: Renormalized data after spline

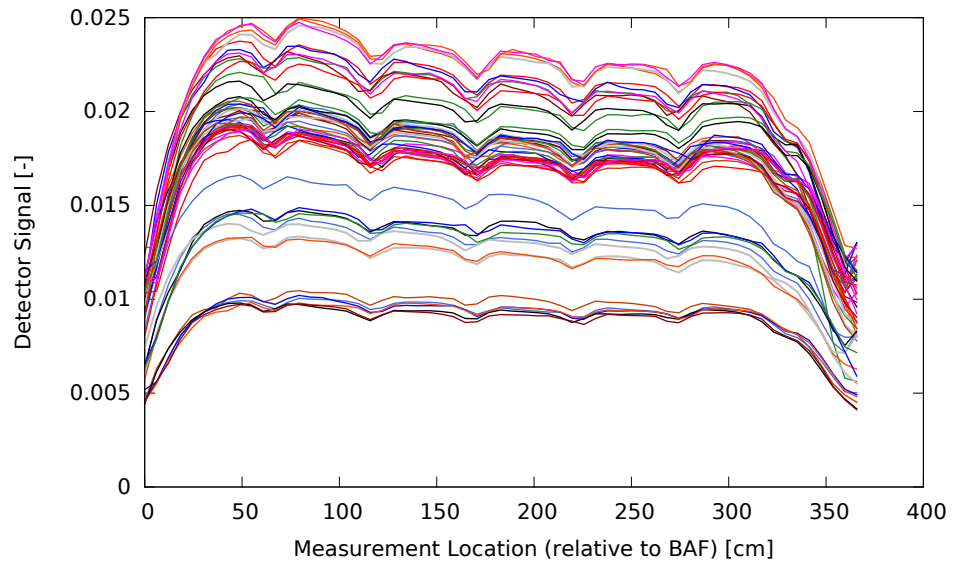


Figure 2: Unnormalized data after spline

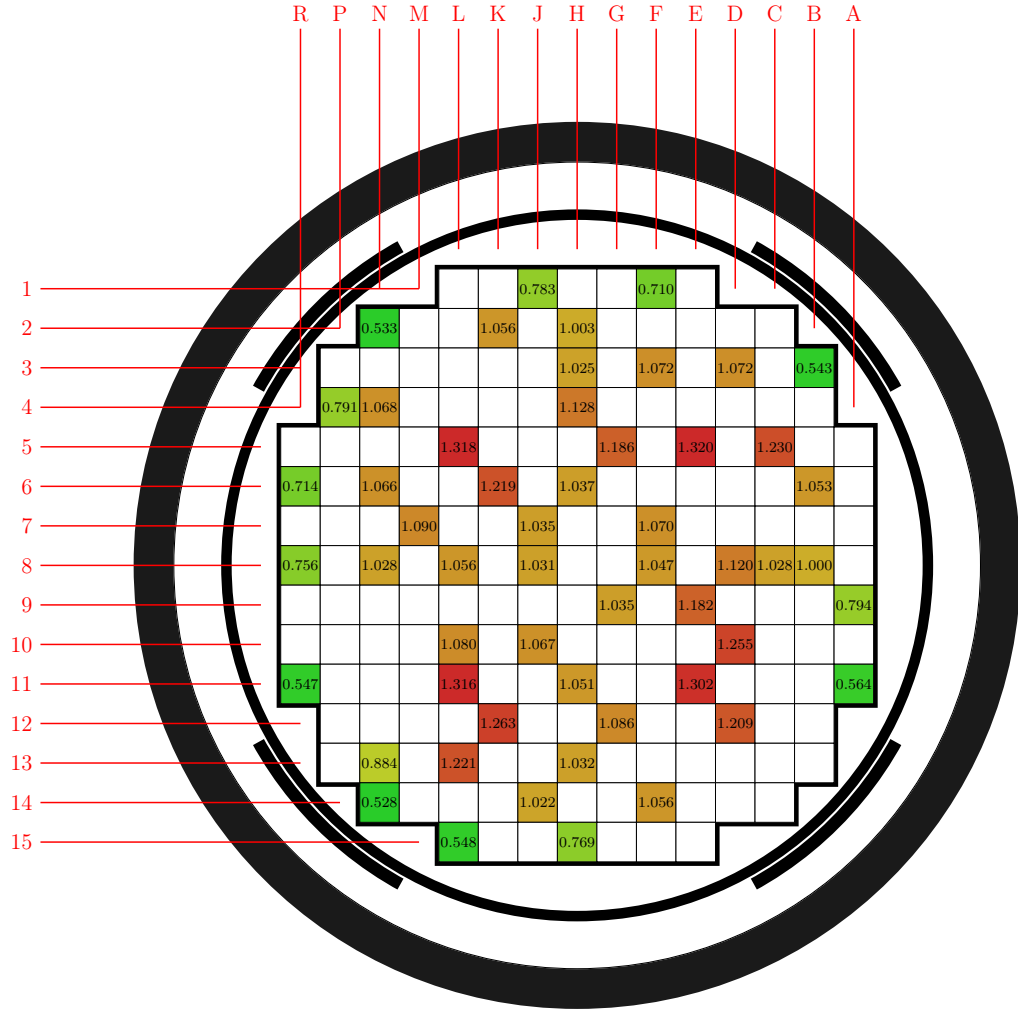


Figure 3: Radial detector measurements (axially integrated).

J1	0.783		F1	0.710
N2	0.533		K2	1.056
H2	1.003		H3	1.025
F3	1.072		D3	1.072
B3	0.543		P4	0.791
N4	1.068		H4	1.128
L5	1.318		G5	1.186
E5	1.320		C5	1.230
R6	0.714		N6	1.066
K6	1.219		H6	1.037
B6	1.053		M7	1.090
J7	1.035		F7	1.070
C7			R8	0.756
N8	1.028		L8	1.056
J8	1.031		F8	1.047
D8	1.120		C8	1.028
B8	1.000		G9	1.035
E9	1.182		A9	0.794
L10	1.080		J10	1.067
D10	1.255		R11	0.547
L11	1.316		H11	1.051
E11	1.302		A11	0.564
K12	1.263		G12	1.086
D12	1.209		N13	0.884
L13	1.221		H13	1.032
N14	0.528		J14	1.022
F14	1.056		L15	0.548
H15	0.769			

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

	H	G	F	E	D	C	B	A
8		1.031 — 1	1.042 0.008 2	1.053 0.003 2	1.124 0.006 2	1.028 0.003 4	1.001 0.002 2	0.762 0.009 2
9	1.031 — 1	1.035 0.000 2	1.067 — 1	1.184 0.003 2	1.090 — 1		1.022 — 1	0.794 — 1
10	1.042 0.008 2	1.070 — 1	1.219 — 1		1.259 0.006 2	1.069 0.004 2		0.712 0.003 2
11	1.053 0.003 2		1.080 — 1	1.314 0.008 4		1.221 — 1		0.556 0.011 2
12	1.124 0.006 2	1.086 — 1			1.209 — 1	1.070 0.003 2	0.791 — 1	
13	1.028 0.003 4			1.230 — 1		0.884 — 1	0.528 — 1	
14	1.001 0.002 2		1.055 0.001 3			0.538 0.007 2		
15	0.762 0.009 2	0.783 — 1		0.547 — 1				

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

H9	1.031		D10	1.259
D12	1.209		E11	1.314
E13	1.230		E15	0.547
B12	0.791		B13	0.528
C13	0.884		C12	1.070
C11	1.221		C10	1.069
F9	1.067		F8	1.042
C14	0.538		F11	1.080
A11	0.556		A10	0.712
F14	1.055		E8	1.053
E9	1.184		H10	1.042
H11	1.053		H12	1.124
H13	1.028		H14	1.001
H15	0.762		D9	1.090
D8	1.124		C8	1.028
B9	1.022		B8	1.001
G15	0.783		G12	1.086
G10	1.070		A8	0.762
A9	0.794		F10	1.219
G8	1.031		G9	1.035

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

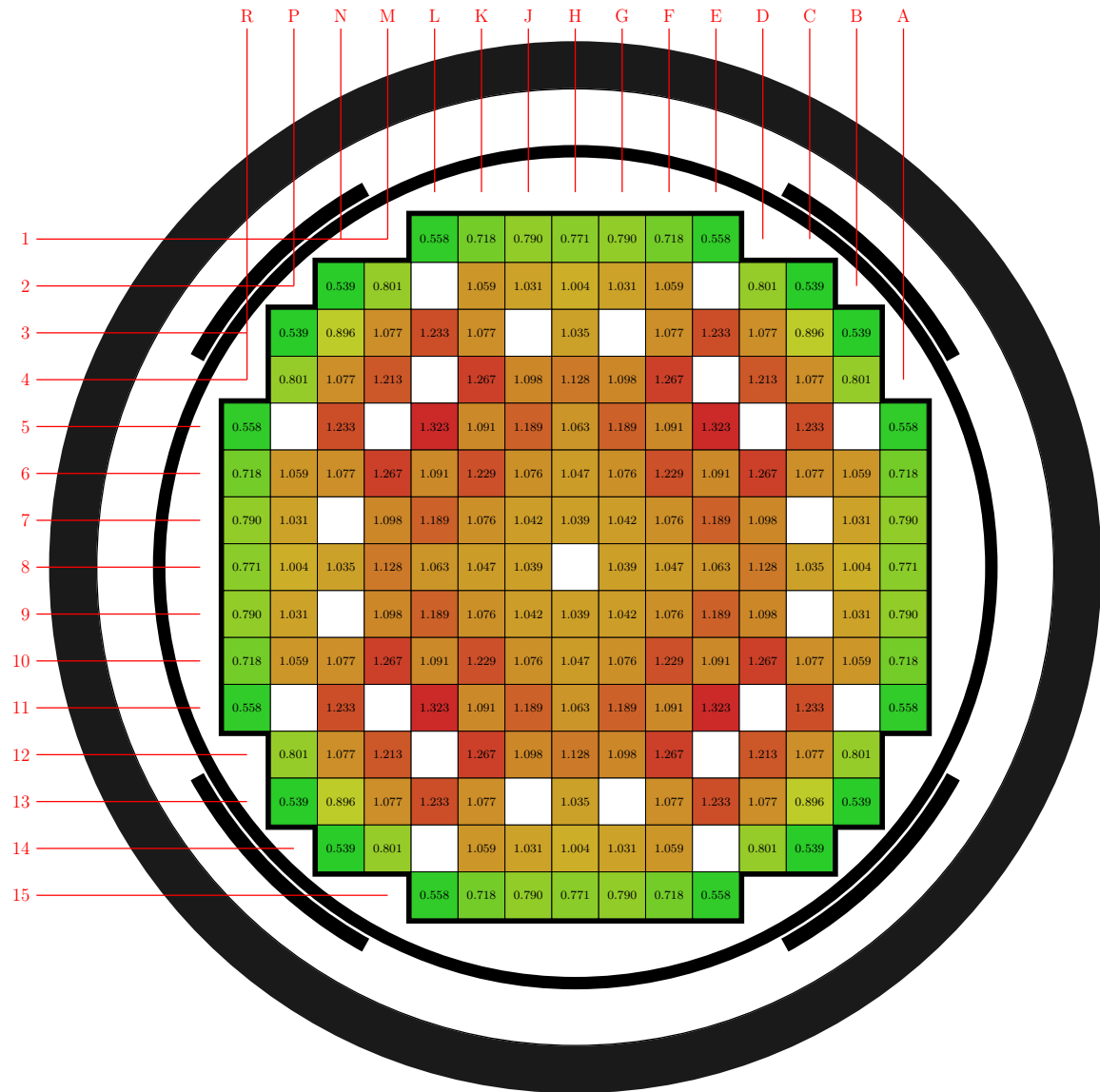


Figure 5: Radial detector measurements (tilt corrected).

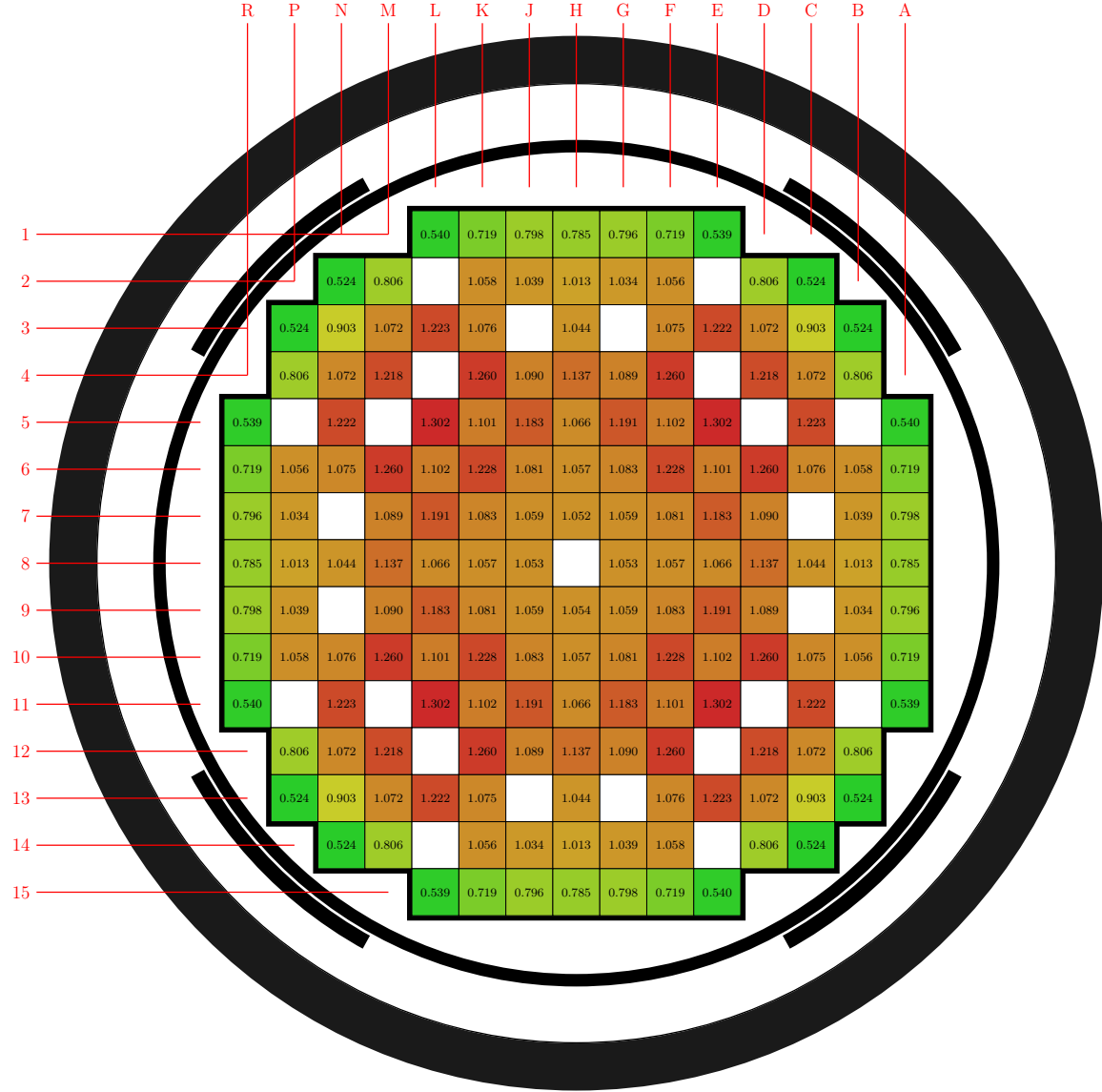


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

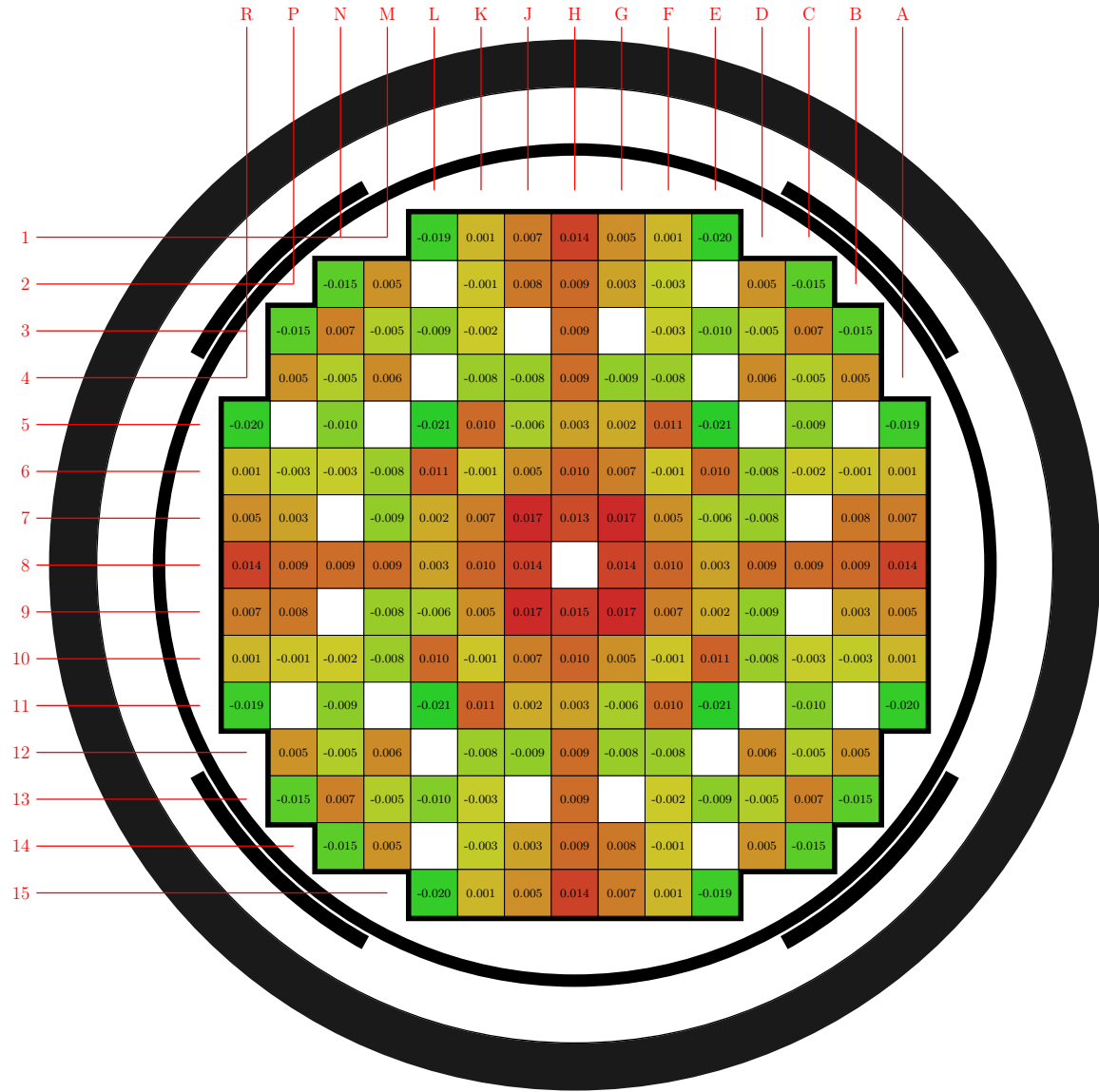


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

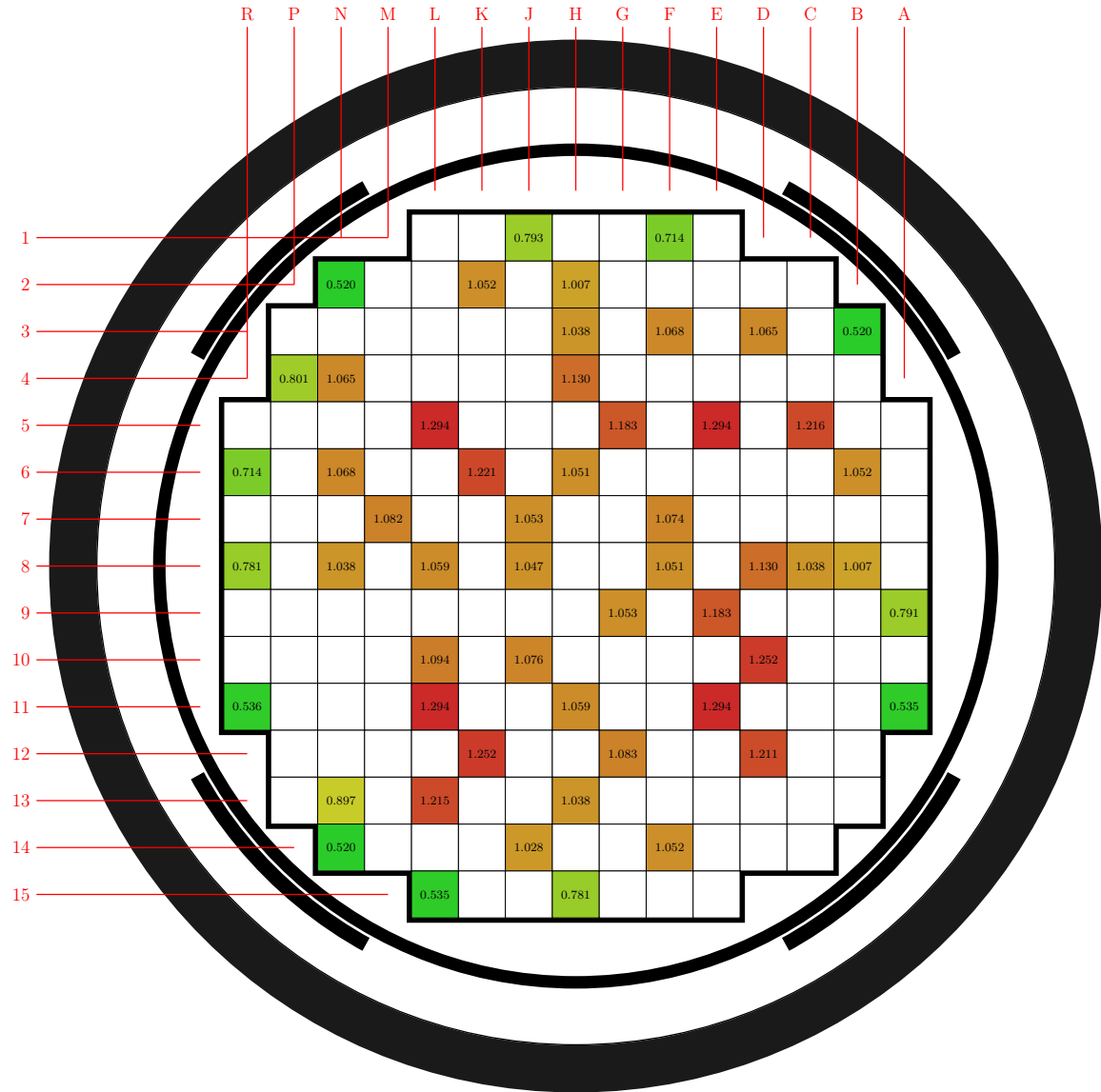


Figure 8: Radial detector measurements (simulate normalized to detector data).

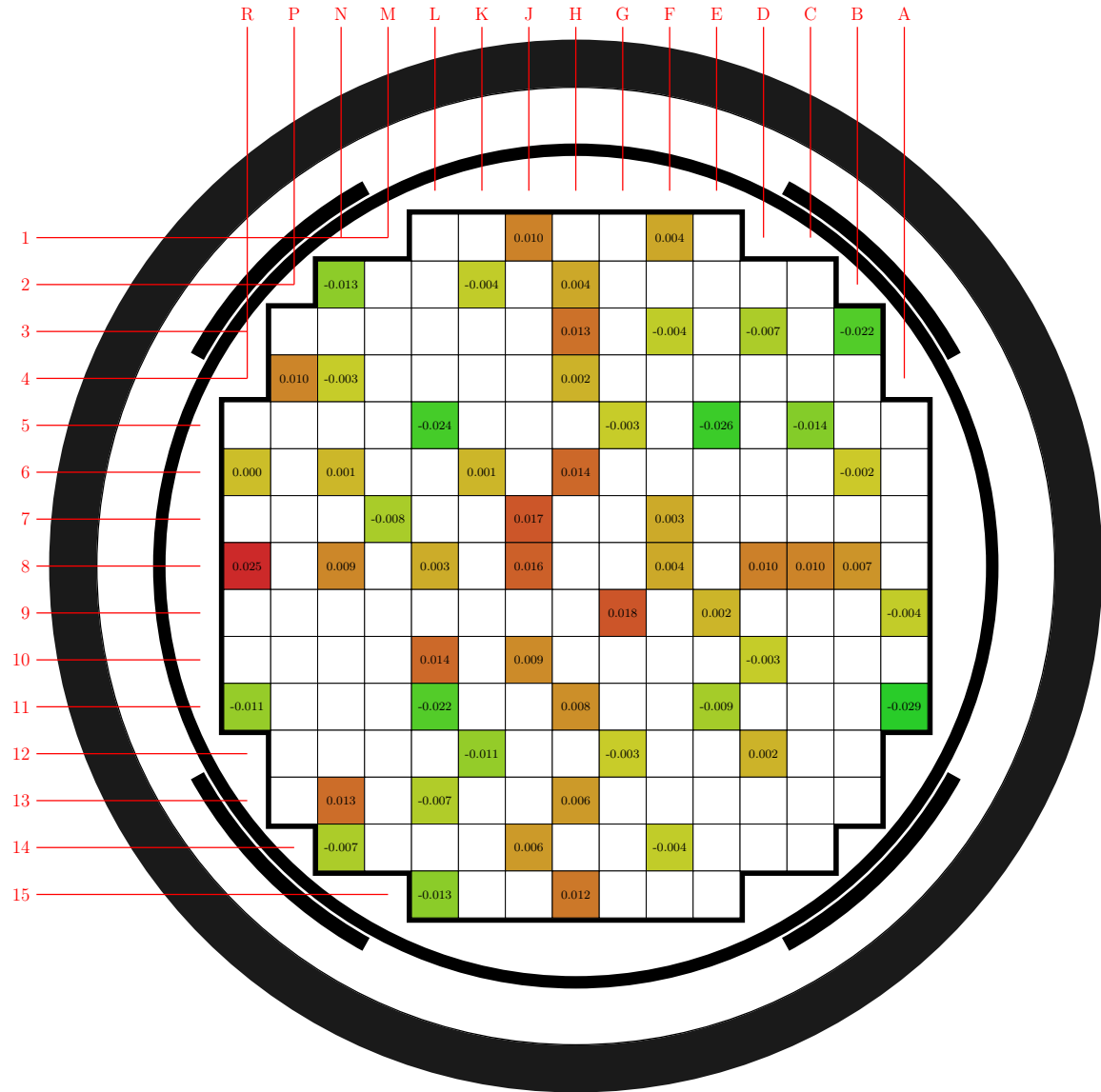


Figure 9: Radial detector absolute difference (simulate minus detector data).