

Measurements taken 339 calendar days since BOC.

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

- 1 3398.5 437. 228. 228. 228. 199. 230.
- 2 3401.9 436. 228. 228. 228. 199. 230.
- 3 3400.8 436. 228. 228. 228. 199. 230.
- 4 3399.3 433. 228. 228. 228. 199. 230.
- 5 3441.0 439. 228. 228. 228. 199. 230.
- 6 3406.8 436. 228. 228. 228. 199. 230.
- 7 3392.5 442. 228. 228. 228. 199. 230.
- 8 3392.7 434. 228. 228. 228. 199. 230.
- 9 3393.2 441. 228. 228. 228. 199. 230.
- 10 3393.9 436. 228. 228. 228. 199. 230.
- 11 3395.6 439. 228. 228. 228. 199. 230.
- 12 3391.8 434. 228. 228. 228. 199. 230.

Average Power [MWt]: 3400.66666667

Inlet Coolant Temperature [°F]: 560.975

Core Burnup [MWD/MT]: 6490.4

Average Boron [ppm]: 436.91666667

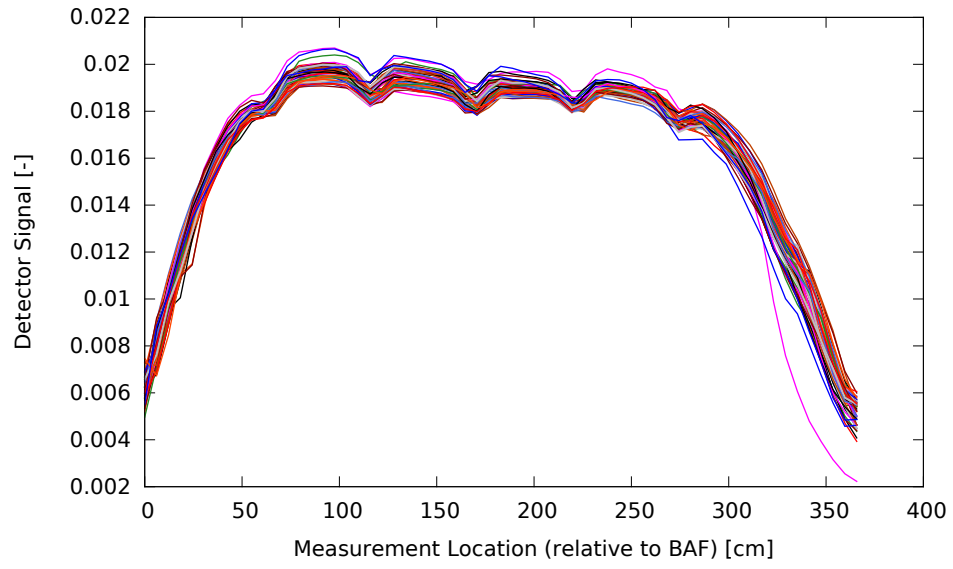


Figure 1: Renormalized data after spline

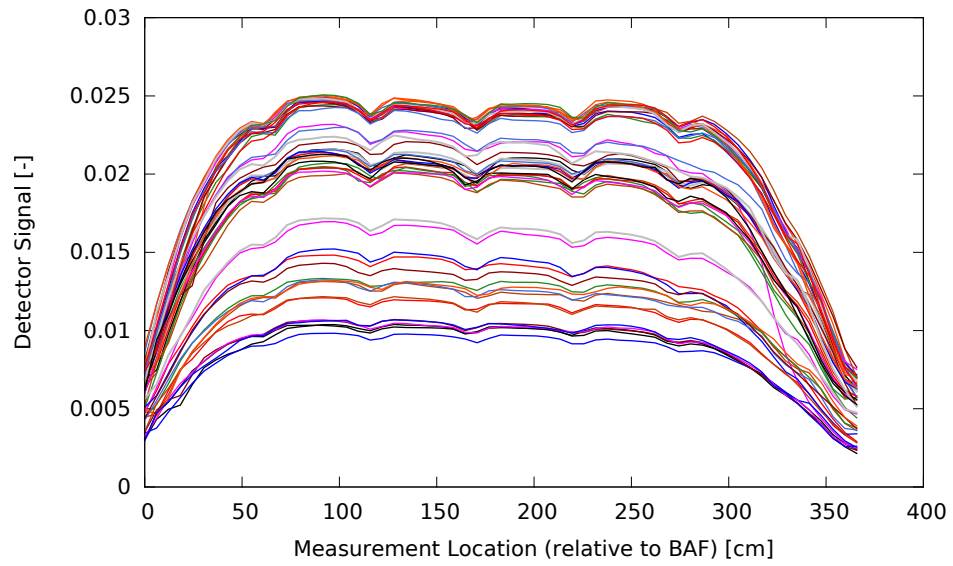


Figure 2: Unnormalized data after spline

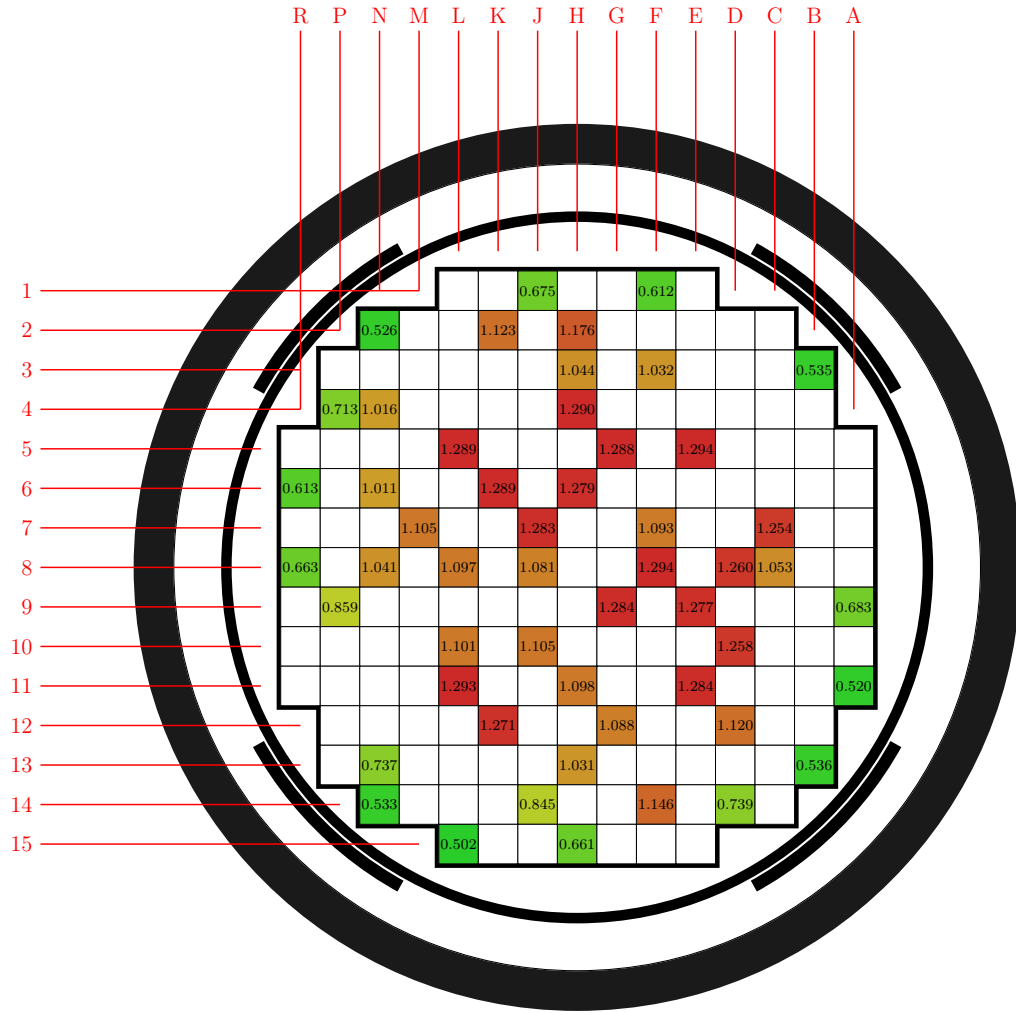


Figure 3: Radial detector measurements (axially integrated).

J1	0.675		F1	0.612
N2	0.526		K2	1.123
H2	1.176		H3	1.044
F3	1.032		D3	
B3	0.535		P4	0.713
N4	1.016		H4	1.290
L5	1.289		G5	1.288
E5	1.294		C5	
R6	0.613		N6	1.011
K6	1.289		H6	1.279
B6			M7	1.105
J7	1.283		F7	1.093
C7	1.254		R8	0.663
N8	1.041		L8	1.097
J8	1.081		F8	1.294
D8	1.260		C8	1.053
B8			P9	0.859
G9	1.284		E9	1.277
A9	0.683		L10	1.101
J10	1.105		D10	1.258
R11			L11	1.293
H11	1.098		E11	1.284
A11	0.520		K12	1.271
G12	1.088		D12	1.120
N13	0.737		L13	
H13	1.031		B13	0.536
N14	0.533		J14	0.845
F14	1.146		D14	0.739
L15	0.502		H15	0.661

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

	H	G	F	E	D	C	B	A
8		1.081 — 1	1.286 0.011 2	1.097 0.001 2	1.275 0.021 2	1.042 0.009 4	1.176 — 1	0.662 0.002 2
9	1.081 — 1	1.283 0.001 2	1.105 — 1	1.282 0.008 2	1.105 — 1		0.845 — 1	0.683 — 1
10	1.286 0.011 2	1.093 — 1	1.289 — 1		1.265 0.009 2	1.022 0.015 2		0.613 0.001 2
11	1.097 0.001 2		1.101 — 1	1.290 0.005 4				0.511 0.013 2
12	1.275 0.021 2	1.088 — 1			1.120 — 1	1.016 — 1	0.713 — 1	
13	1.042 0.009 4	1.254 — 1				0.737 — 1	0.534 0.002 2	
14	1.176 — 1	0.859 — 1	1.135 0.016 2		0.739 — 1	0.530 0.006 2		
15	0.662 0.002 2	0.675 — 1						

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

D14	0.739		H9	1.081
D10	1.265		D12	1.120
E11	1.290		B12	0.713
B13	0.534		C13	0.737
C12	1.016		C10	1.022
F9	1.105		F8	1.286
C14	0.530		F11	1.101
A11	0.511		A10	0.613
F14	1.135		E8	1.097
E9	1.282		H10	1.286
H11	1.097		H12	1.275
H13	1.042		H14	1.176
H15	0.662		D9	1.105
D8	1.275		C8	1.042
B9	0.845		B8	1.176
G15	0.675		G14	0.859
G13	1.254		G12	1.088
G10	1.093		A8	0.662
A9	0.683		F10	1.289
G8	1.081		G9	1.283

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

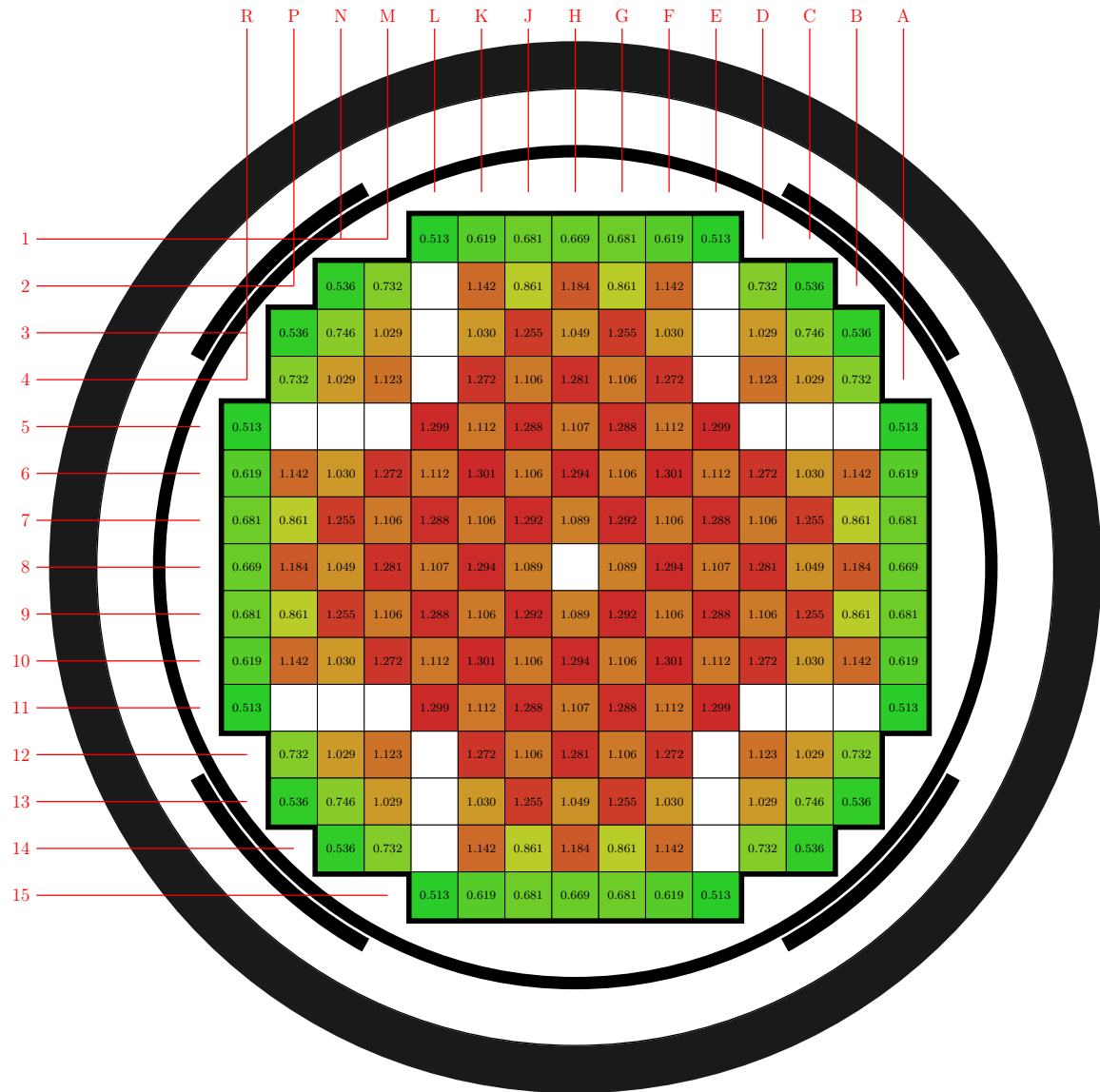


Figure 5: Radial detector measurements (tilt corrected).

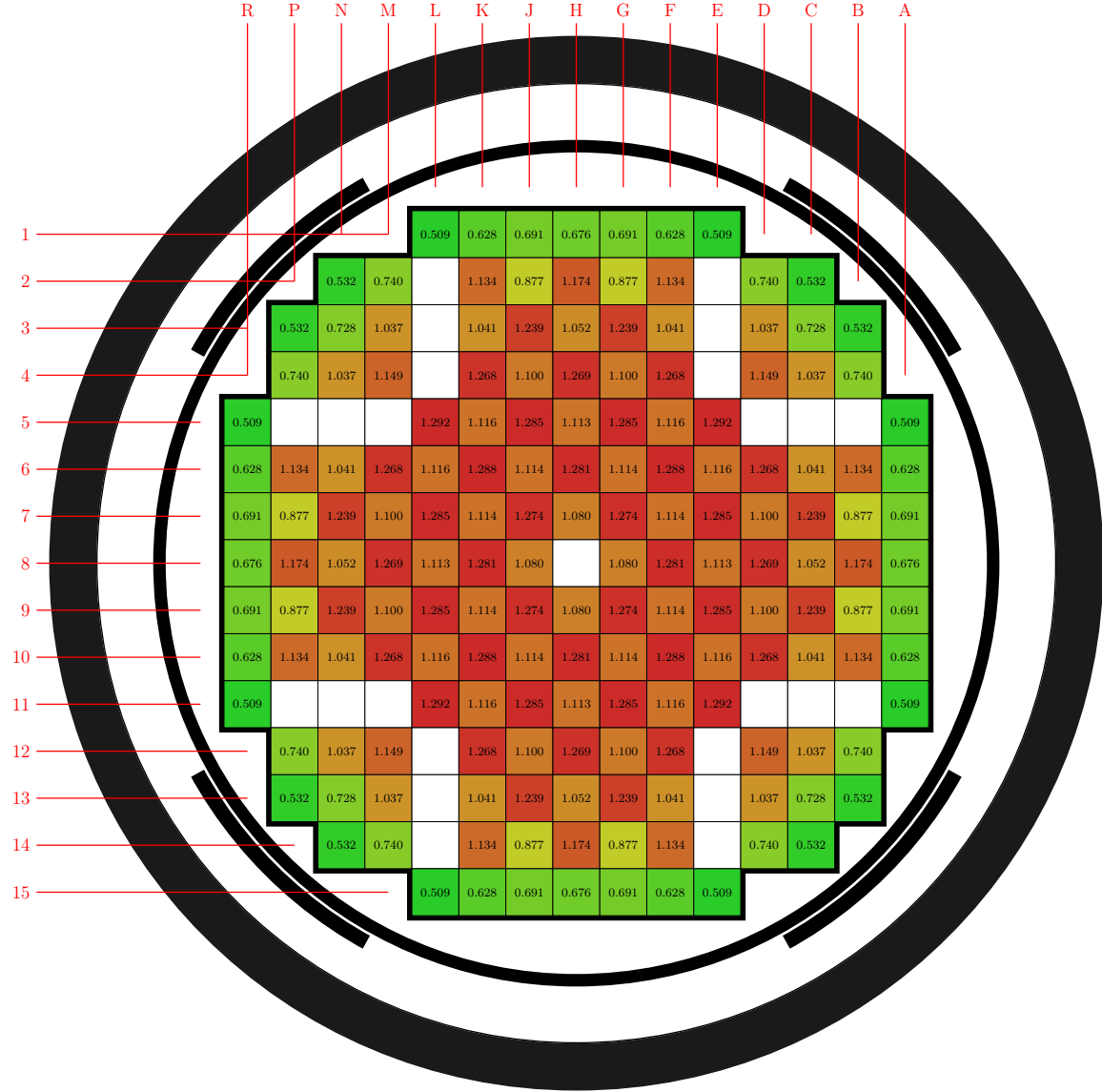


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

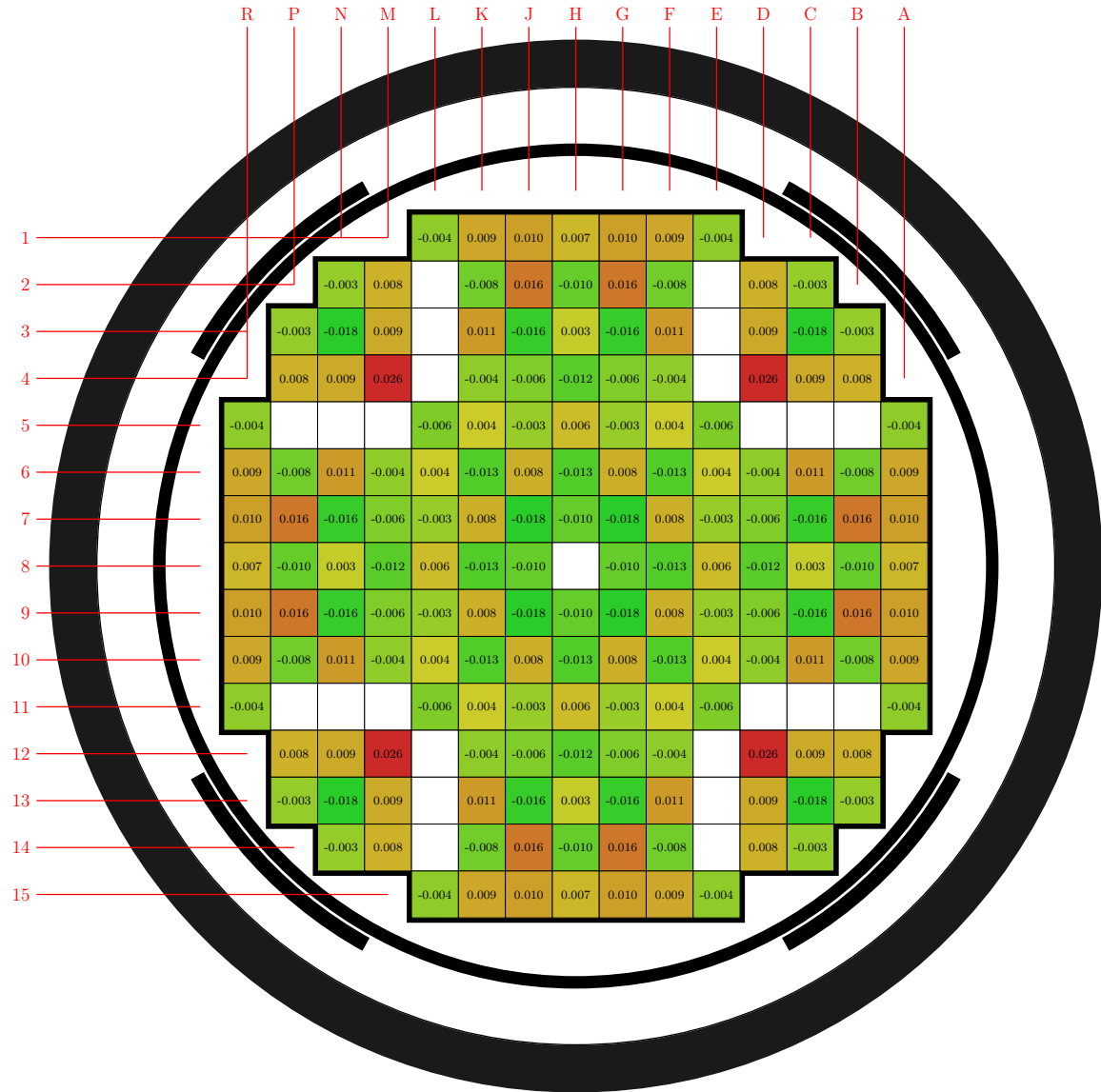


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

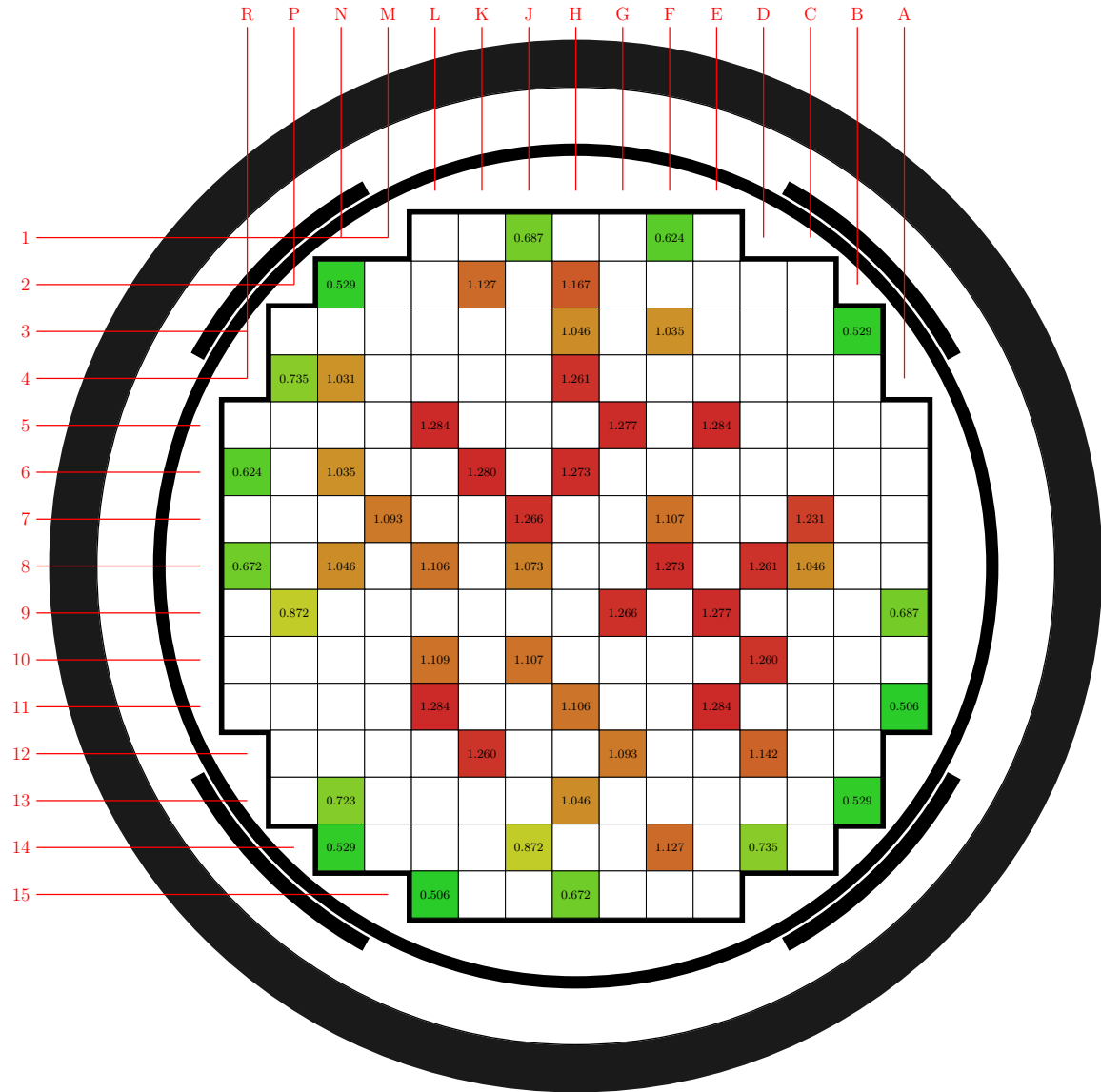


Figure 8: Radial detector measurements (simulate normalized to detector data).

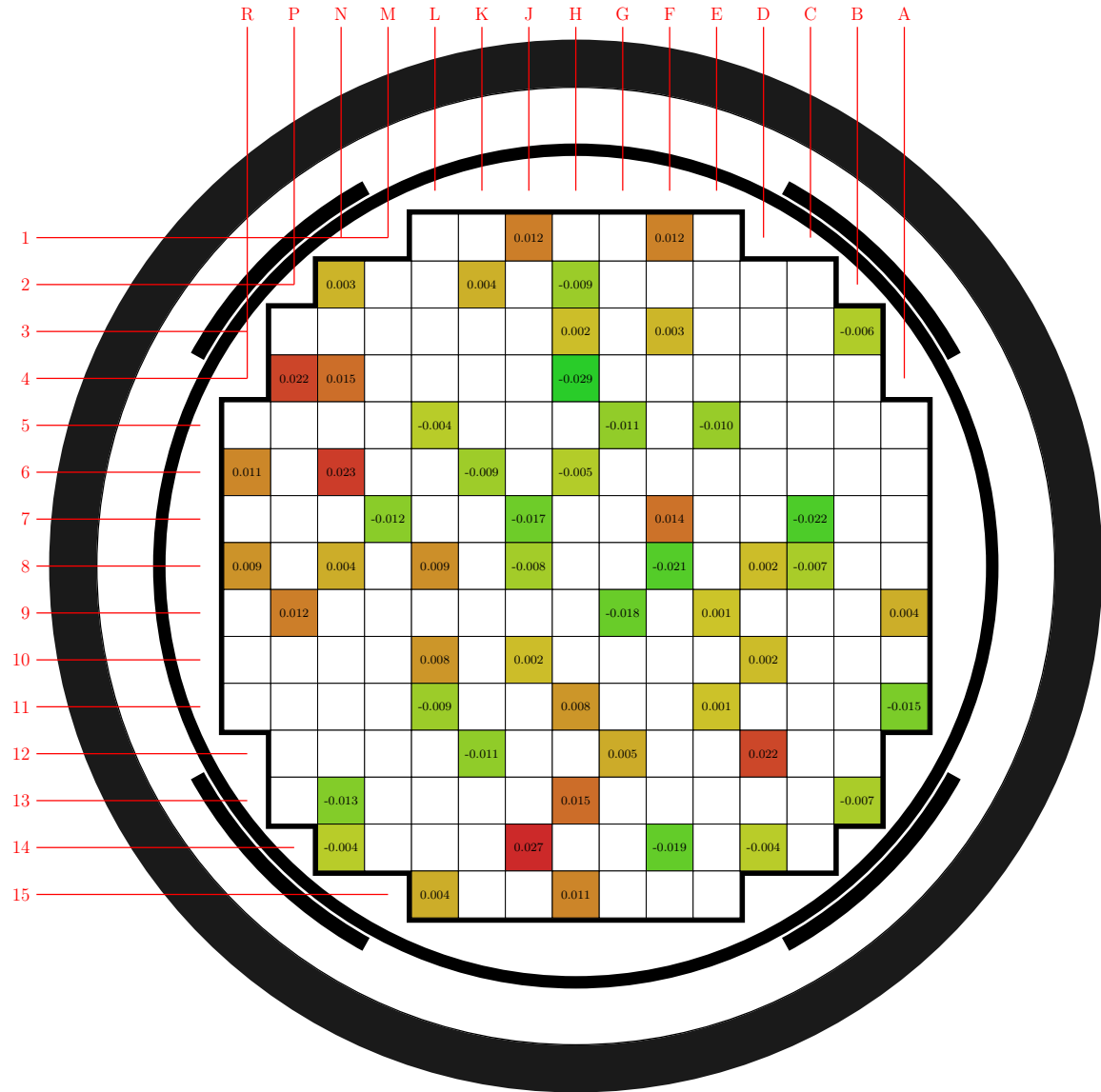


Figure 9: Radial detector absolute difference (simulate minus detector data).