

Measurements taken 156 calendar days since BOC.

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

- 1 3404.9 552. 228. 228. 228. 211. 230.
- 2 3404.0 552. 228. 228. 228. 211. 230.
- 3 3401.1 552. 228. 228. 228. 211. 230.
- 4 3400.7 552. 228. 228. 228. 211. 230.
- 5 3401.2 552. 228. 228. 228. 211. 230.
- 6 3397.6 552. 228. 228. 228. 211. 230.
- 7 3406.0 552. 228. 228. 228. 211. 230.
- 8 3404.0 552. 228. 228. 228. 211. 230.
- 9 3400.7 552. 228. 228. 228. 211. 230.
- 10 3400.0 552. 228. 228. 228. 211. 230.
- 11 3402.4 552. 228. 228. 228. 211. 230.
- 12 3408.5 552. 228. 228. 228. 211. 230.
- 13 3401.3 552. 228. 228. 228. 211. 230.

Average Power [MWt]: 3402.49230769

Inlet Coolant Temperature [°F]: 560.85

Core Burnup [MWD/MT]: 5225.8

Average Boron [ppm]: 552.0

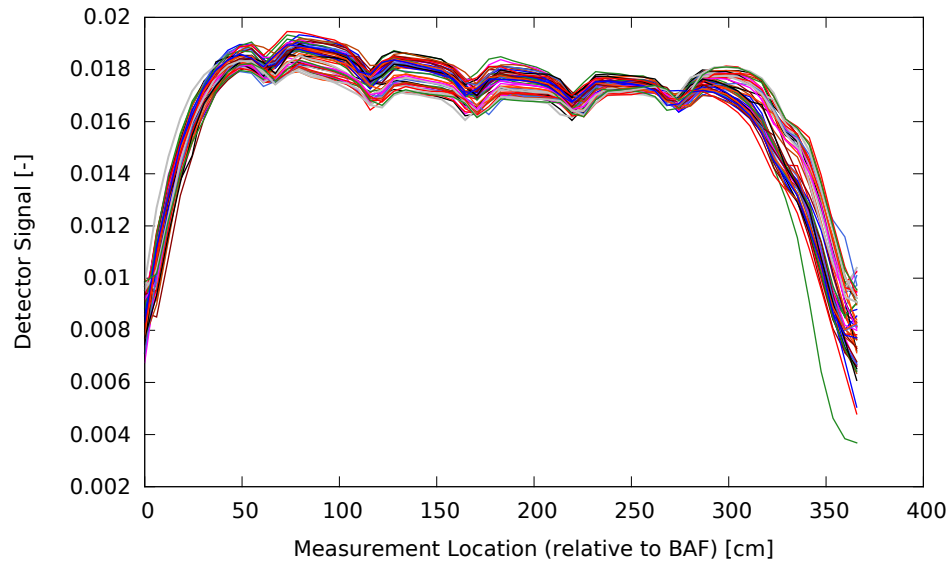


Figure 1: Renormalized data after spline

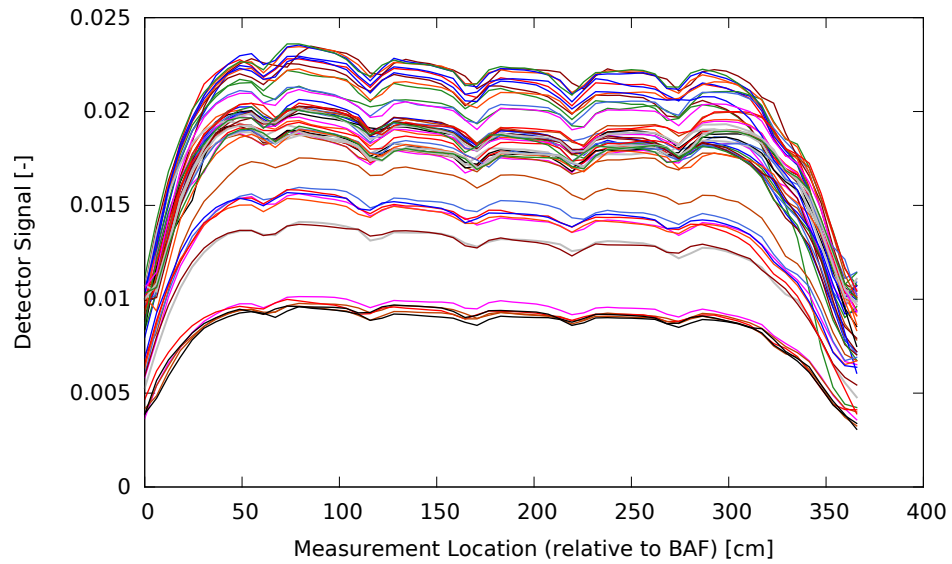


Figure 2: Unnormalized data after spline

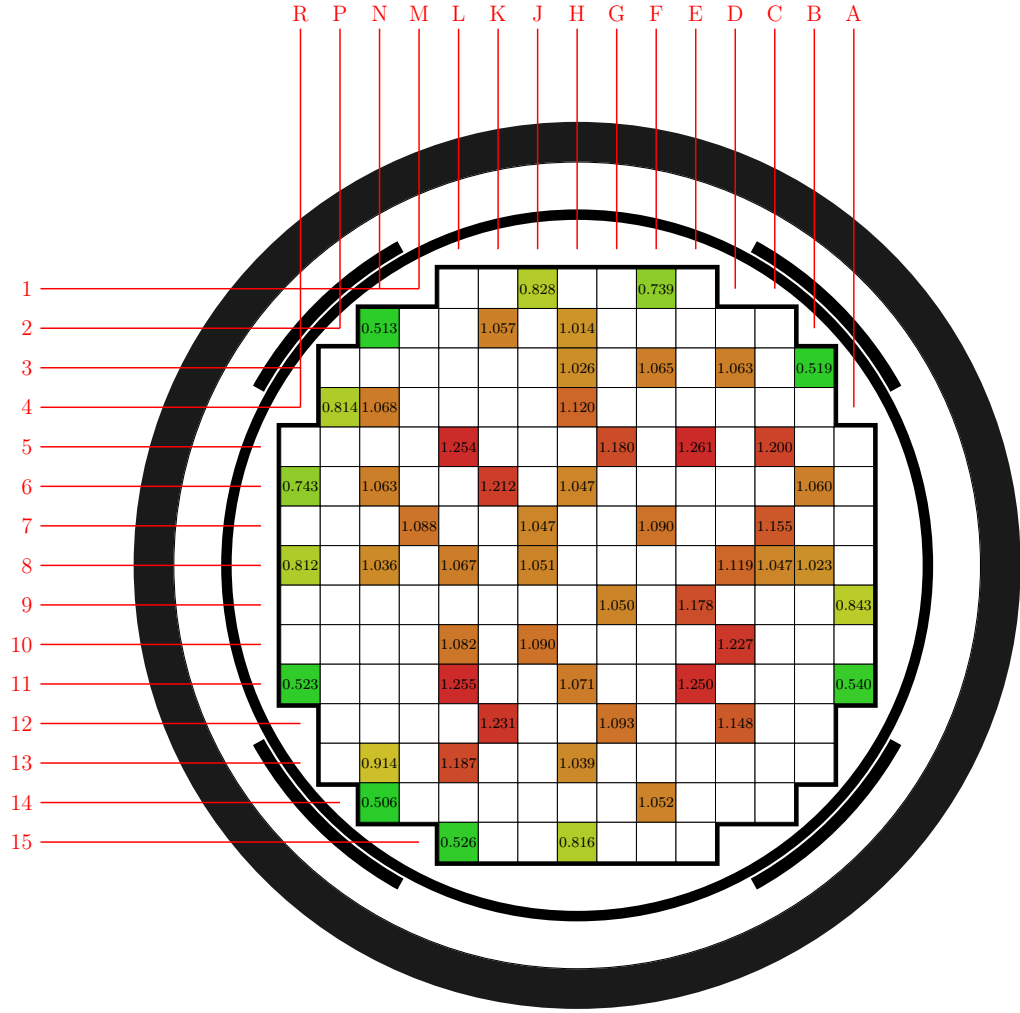


Figure 3: Radial detector measurements (axially integrated).

J1	0.828		F1	0.739
N2	0.513		K2	1.057
H2	1.014		H3	1.026
F3	1.065		D3	1.063
B3	0.519		P4	0.814
N4	1.068		H4	1.120
L5	1.254		G5	1.180
E5	1.261		C5	1.200
R6	0.743		N6	1.063
K6	1.212		H6	1.047
B6	1.060		M7	1.088
J7	1.047		F7	1.090
C7	1.155		R8	0.812
N8	1.036		L8	1.067
J8	1.051		F8	
D8	1.119		C8	1.047
B8	1.023		G9	1.050
E9	1.178		A9	0.843
L10	1.082		J10	1.090
D10	1.227		R11	0.523
L11	1.255		H11	1.071
E11	1.250		A11	0.540
K12	1.231		G12	1.093
D12	1.148		N13	0.914
L13	1.187		H13	1.039
N14	0.506		J14	
F14	1.052		L15	0.526
H15	0.816			

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

	H	G	F	E	D	C	B	A
8		1.051 — 1	1.047 — 1	1.069 0.003 2	1.120 0.001 2	1.037 0.009 4	1.019 0.006 2	0.814 0.003 2
9	1.051 — 1	1.048 0.002 2	1.090 — 1	1.179 0.001 2	1.088 — 1			0.843 — 1
10	1.047 — 1	1.090 — 1	1.212 — 1		1.229 0.002 2	1.064 0.002 2		0.741 0.002 2
11	1.069 0.003 2		1.082 — 1	1.255 0.005 4		1.187 — 1		0.533 0.010 2
12	1.120 0.001 2	1.093 — 1			1.148 — 1	1.065 0.003 2	0.814 — 1	
13	1.037 0.009 4	1.155 — 1		1.200 — 1		0.914 — 1	0.506 — 1	
14	1.019 0.006 2		1.056 0.004 3			0.516 0.004 2		
15	0.814 0.003 2	0.828 — 1		0.523 — 1				

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

H9	1.051		D10	1.229
D12	1.148		E11	1.255
E13	1.200		E15	0.523
B12	0.814		B13	0.506
C13	0.914		C12	1.065
C11	1.187		C10	1.064
F9	1.090		F8	1.047
C14	0.516		F11	1.082
A11	0.533		A10	0.741
F14	1.056		E8	1.069
E9	1.179		H10	1.047
H11	1.069		H12	1.120
H13	1.037		H14	1.019
H15	0.814		D9	1.088
D8	1.120		C8	1.037
B8	1.019		G15	0.828
G13	1.155		G12	1.093
G10	1.090		A8	0.814
A9	0.843		F10	1.212
G8	1.051		G9	1.048

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

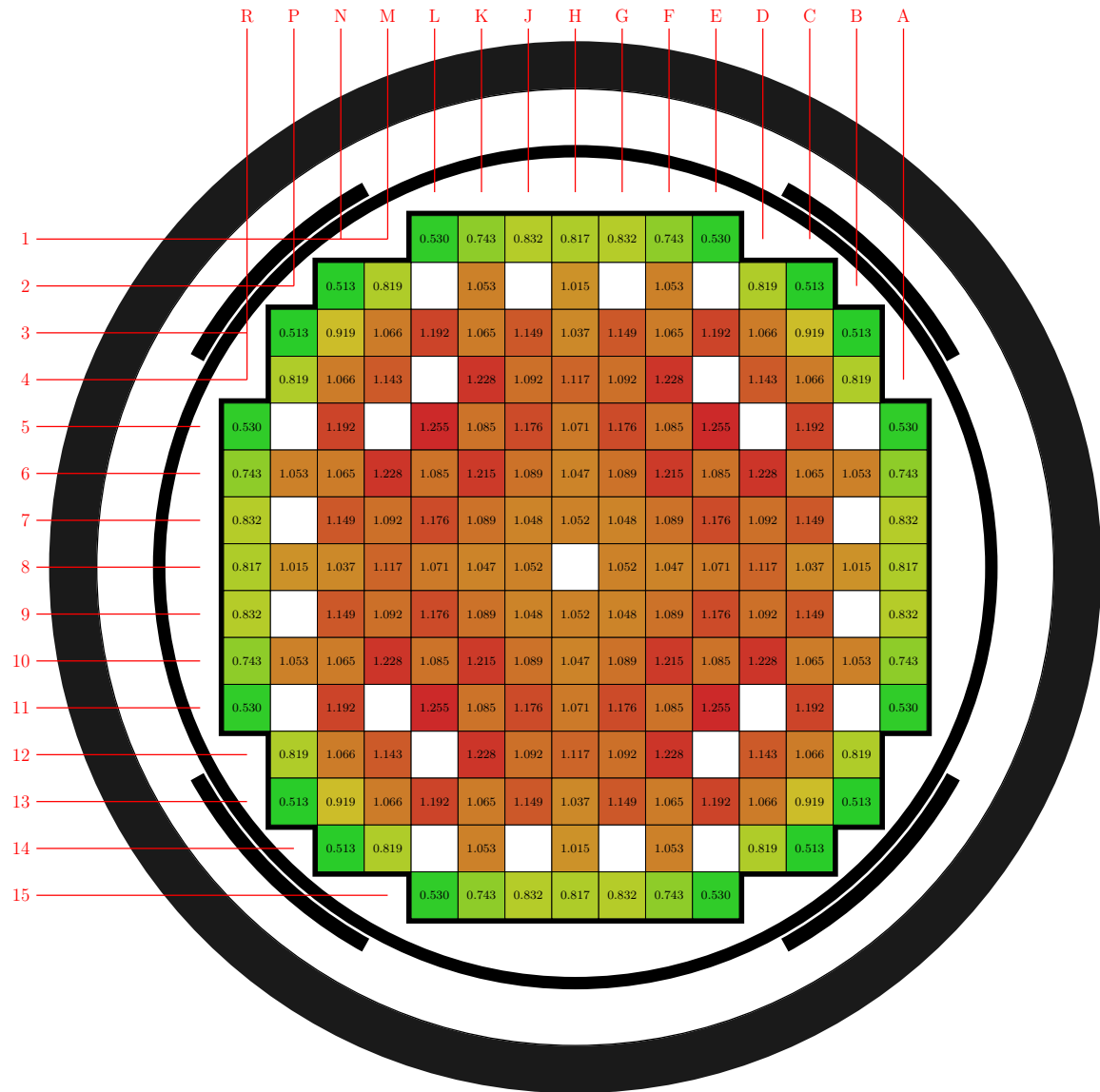


Figure 5: Radial detector measurements (tilt corrected).

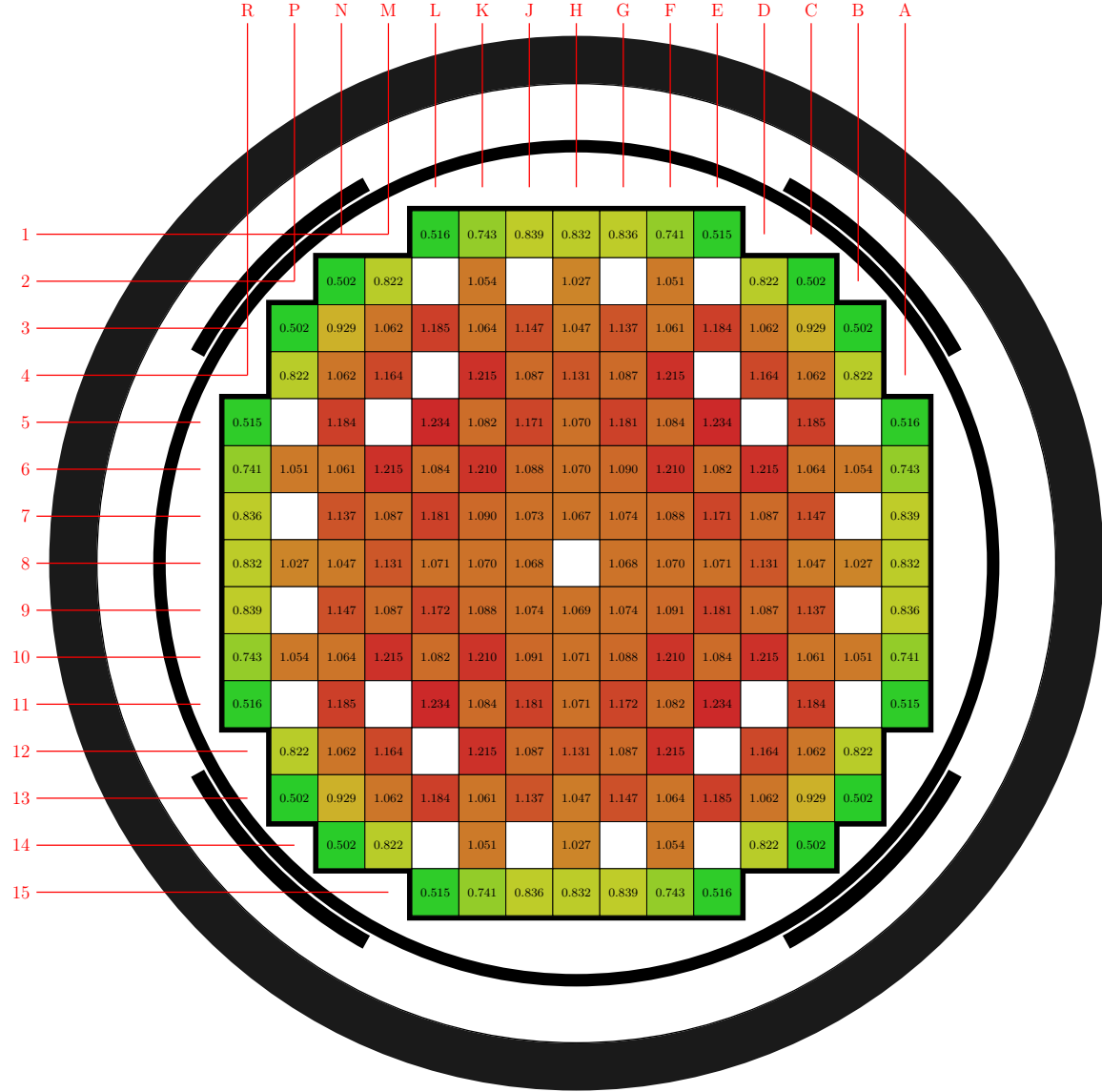


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

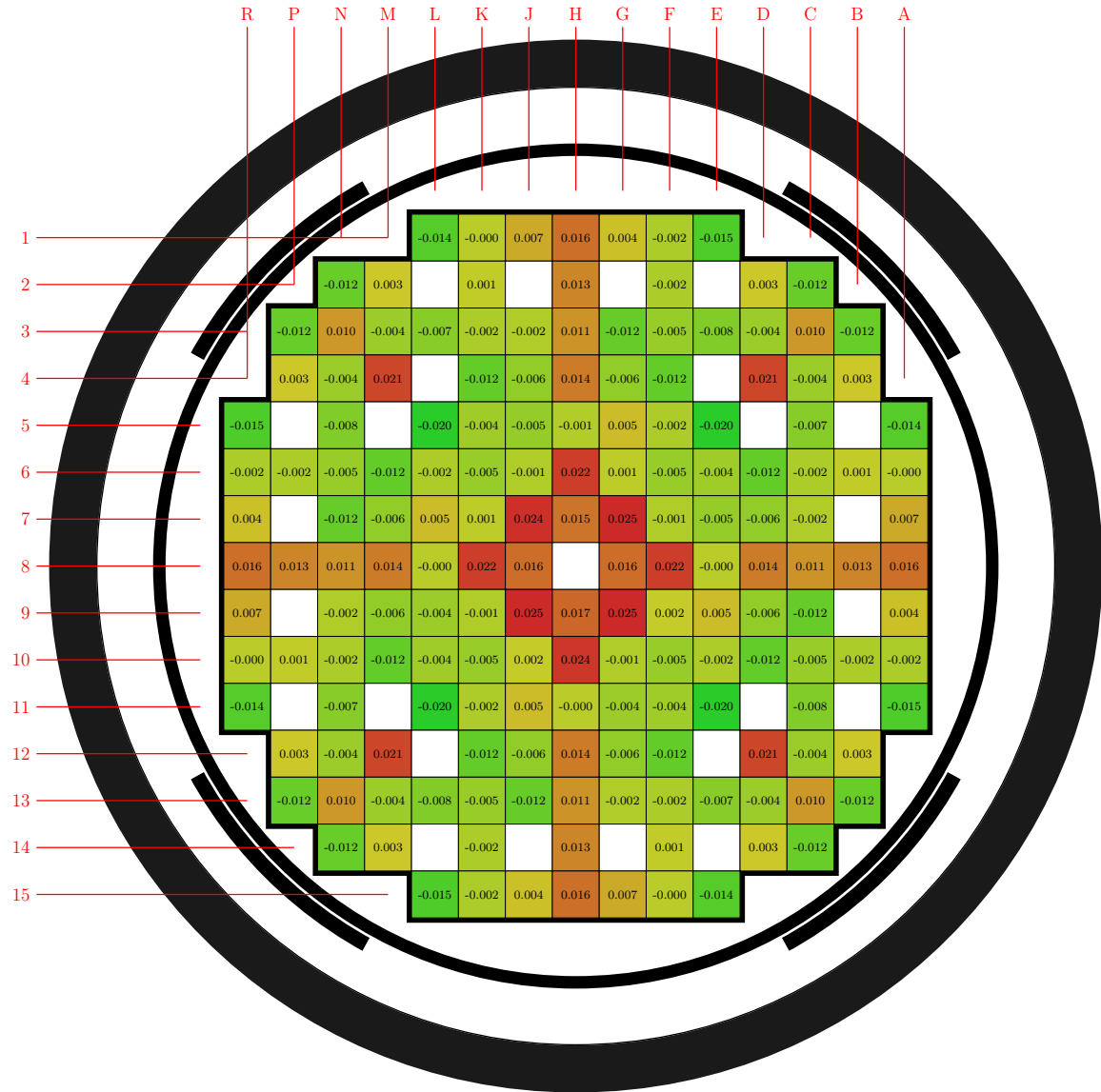


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

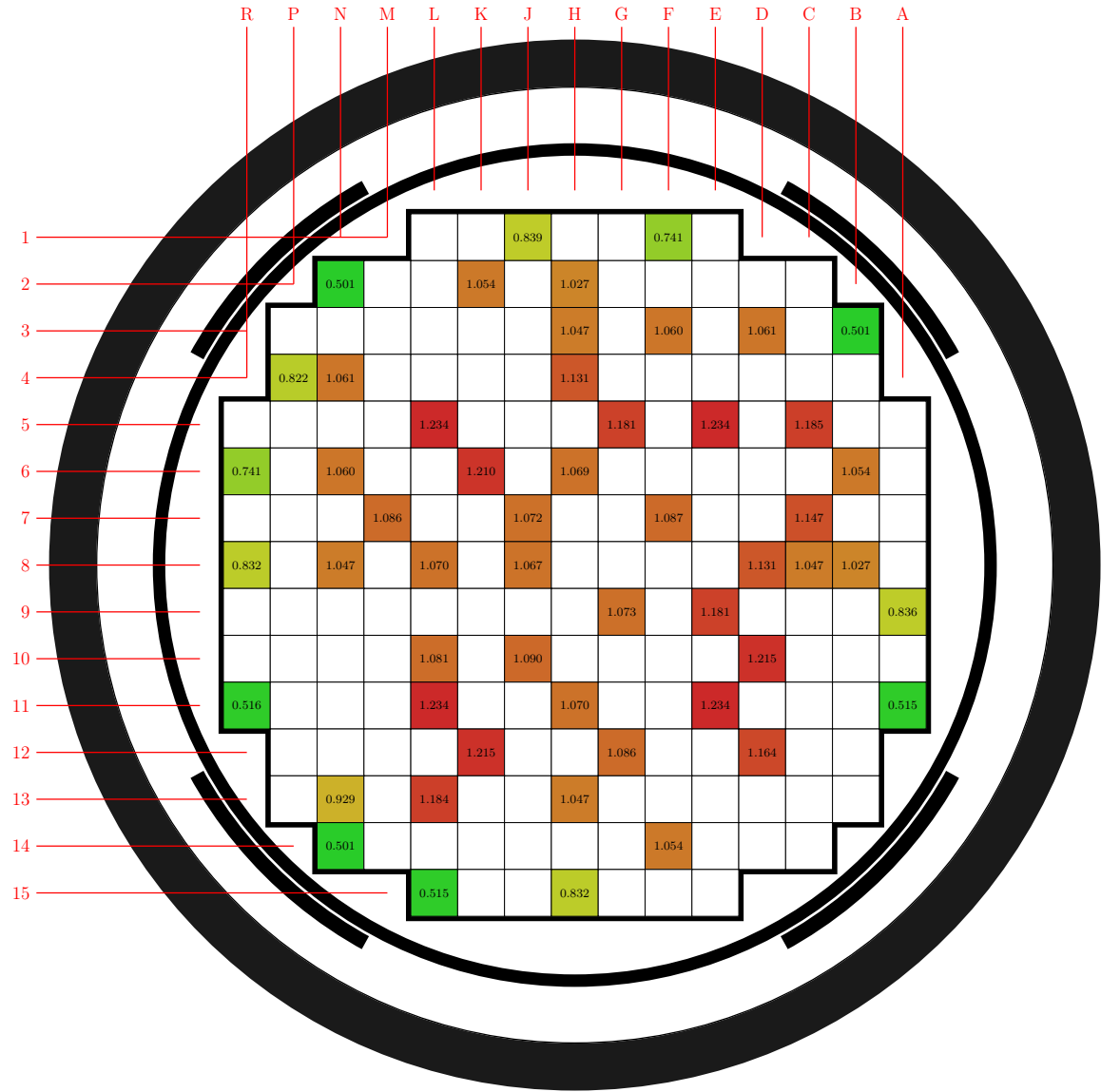


Figure 8: Radial detector measurements (simulate normalized to detector data).

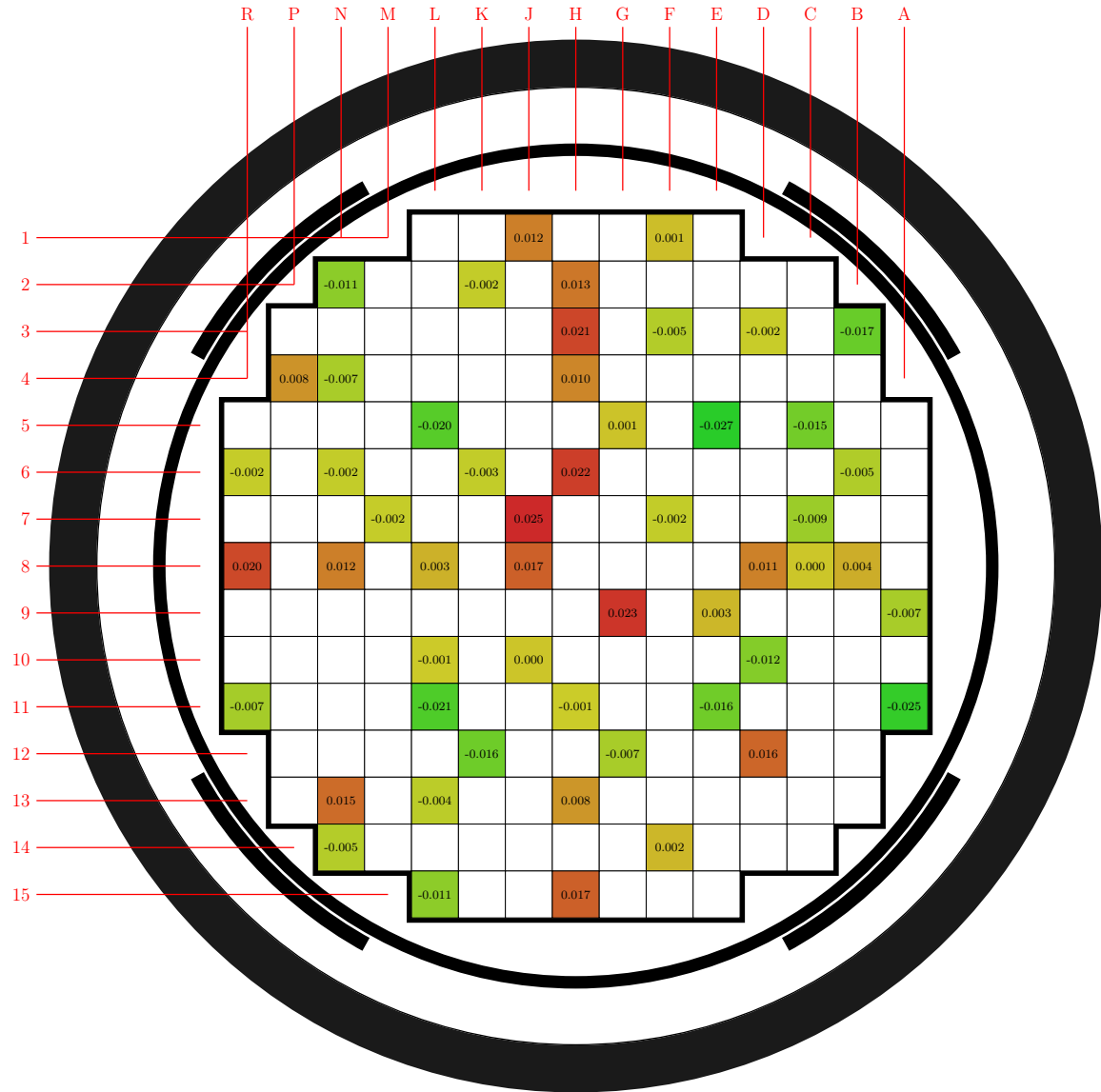


Figure 9: Radial detector absolute difference (simulate minus detector data).