

Measurements taken 93 calendar days since BOC.

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

- 1 3400.2 712. 228. 228. 228. 209. 230.
- 2 3406.8 712. 228. 228. 228. 209. 230.
- 3 3401.7 712. 228. 228. 228. 209. 230.
- 4 3401.4 712. 228. 228. 228. 209. 230.
- 5 3407.4 712. 228. 228. 228. 209. 230.
- 6 3404.9 712. 228. 228. 228. 209. 230.
- 7 3405.7 712. 228. 228. 228. 209. 230.
- 8 3408.8 712. 228. 228. 228. 209. 230.
- 9 3408.4 712. 228. 228. 228. 209. 230.
- 10 3407.1 712. 228. 228. 228. 209. 230.
- 11 3414.7 712. 228. 228. 228. 209. 230.
- 12 3416.1 712. 228. 228. 228. 209. 230.
- 13 3410.4 712. 228. 228. 228. 209. 230.
- 14 3410.7 712. 228. 228. 228. 210. 230.

Average Power [MWt]: 3407.45

Inlet Coolant Temperature [°F]: 561.425

Core Burnup [MWD/MT]: 3198.7

Average Boron [ppm]: 712.0

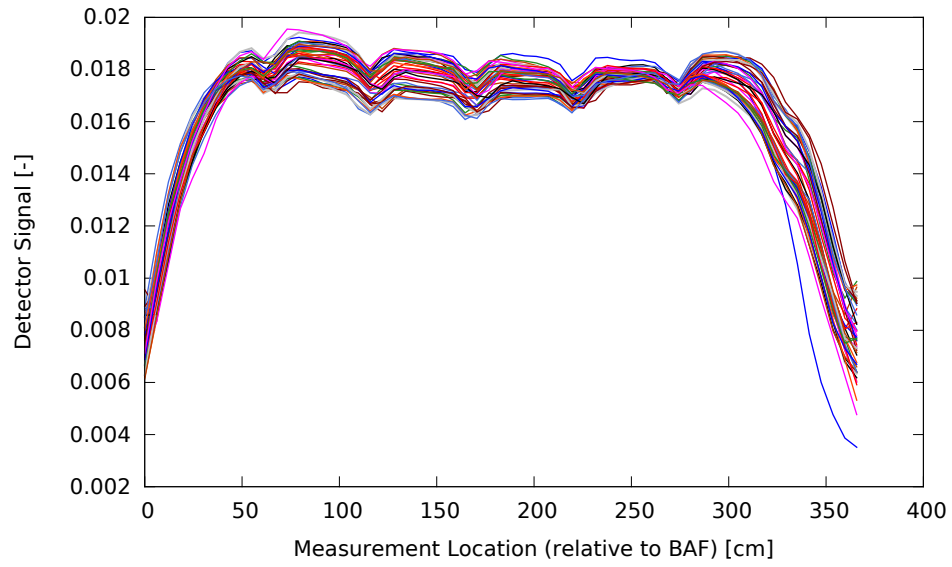


Figure 1: Renormalized data after spline

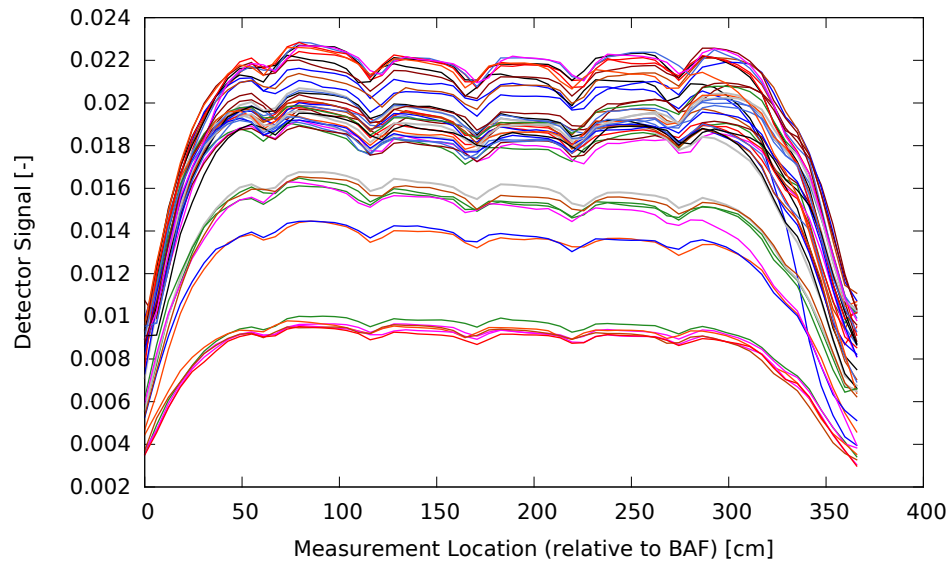


Figure 2: Unnormalized data after spline

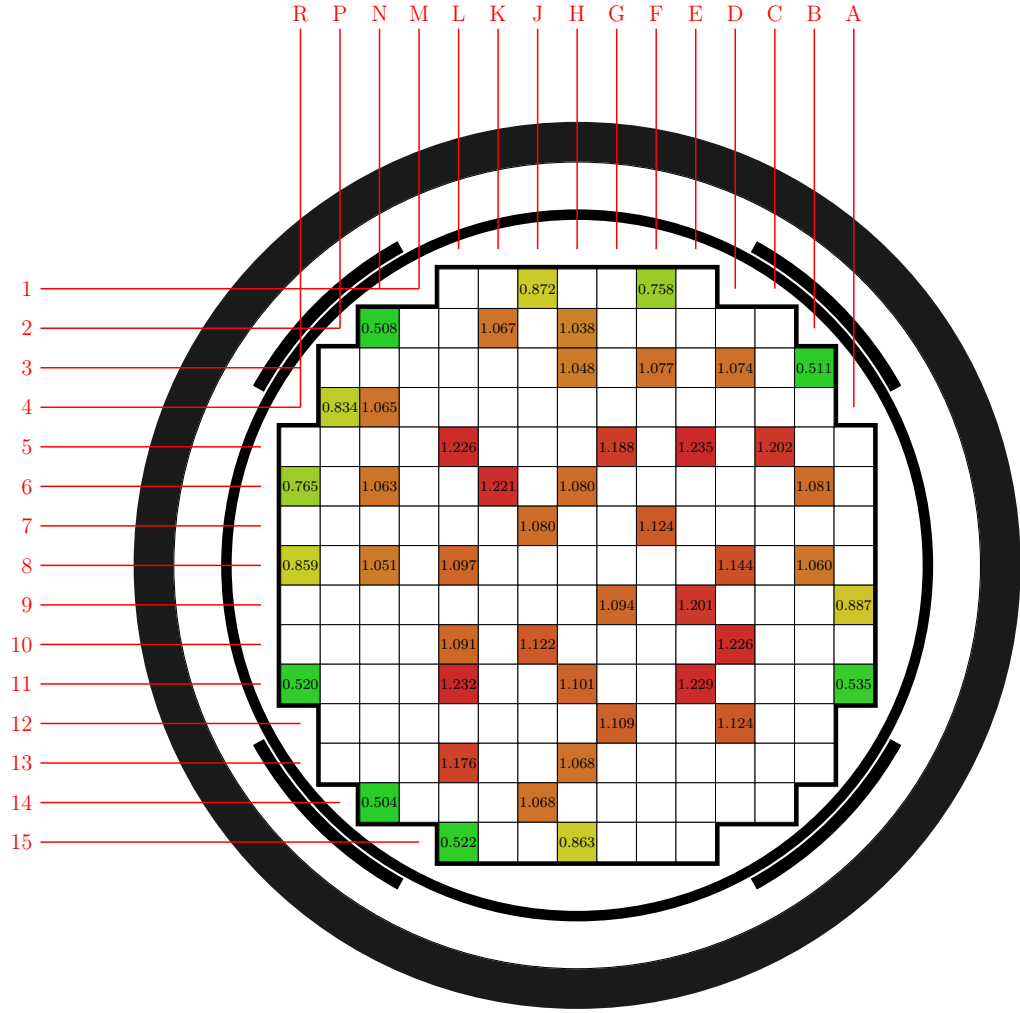


Figure 3: Radial detector measurements (axially integrated).

J1	0.872		F1	0.758
N2	0.508		K2	1.067
H2	1.038		H3	1.048
F3	1.077		D3	1.074
B3	0.511		P4	0.834
N4	1.065		H4	
L5	1.226		G5	1.188
E5	1.235		C5	1.202
R6	0.765		N6	1.063
K6	1.221		H6	1.080
B6	1.081		M7	
J7	1.080		F7	1.124
C7			R8	0.859
N8	1.051		L8	1.097
J8			F8	
D8	1.144		C8	
B8	1.060		G9	1.094
E9	1.201		A9	0.887
L10	1.091		J10	1.122
D10	1.226		R11	0.520
L11	1.232		H11	1.101
E11	1.229		A11	0.535
K12			G12	1.109
D12	1.124		N13	
L13	1.176		H13	1.068
N14	0.504		J14	1.068
F14			L15	0.522
H15	0.863			

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

	H	G	F	E	D	C	B	A
8			1.080 — 1	1.099 0.003 2	1.144 — 1	1.056 0.011 3	1.049 0.015 2	0.861 0.003 2
9		1.087 0.010 2	1.122 — 1	1.195 0.009 2			1.068 — 1	0.887 — 1
10	1.080 — 1	1.124 — 1	1.221 — 1		1.226 — 1	1.070 0.010 2		0.761 0.005 2
11	1.099 0.003 2		1.091 — 1	1.230 0.004 4		1.176 — 1		0.529 0.009 2
12	1.144 — 1	1.109 — 1			1.124 — 1	1.070 0.006 2	0.834 — 1	
13	1.056 0.011 3			1.202 — 1			0.504 — 1	
14	1.049 0.015 2		1.074 0.010 2			0.509 0.002 2		
15	0.861 0.003 2	0.872 — 1		0.520 — 1				

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

D10	1.226		D12	1.124
E11	1.230		E13	1.202
E15	0.520		B12	0.834
B13	0.504		C12	1.070
C11	1.176		C10	1.070
F9	1.122		F8	1.080
C14	0.509		F11	1.091
A11	0.529		A10	0.761
F14	1.074		E8	1.099
E9	1.195		H10	1.080
H11	1.099		H12	1.144
H13	1.056		H14	1.049
H15	0.861		D8	1.144
C8	1.056		B9	1.068
B8	1.049		G15	0.872
G12	1.109		G10	1.124
A8	0.861		A9	0.887
F10	1.221		G9	1.087

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

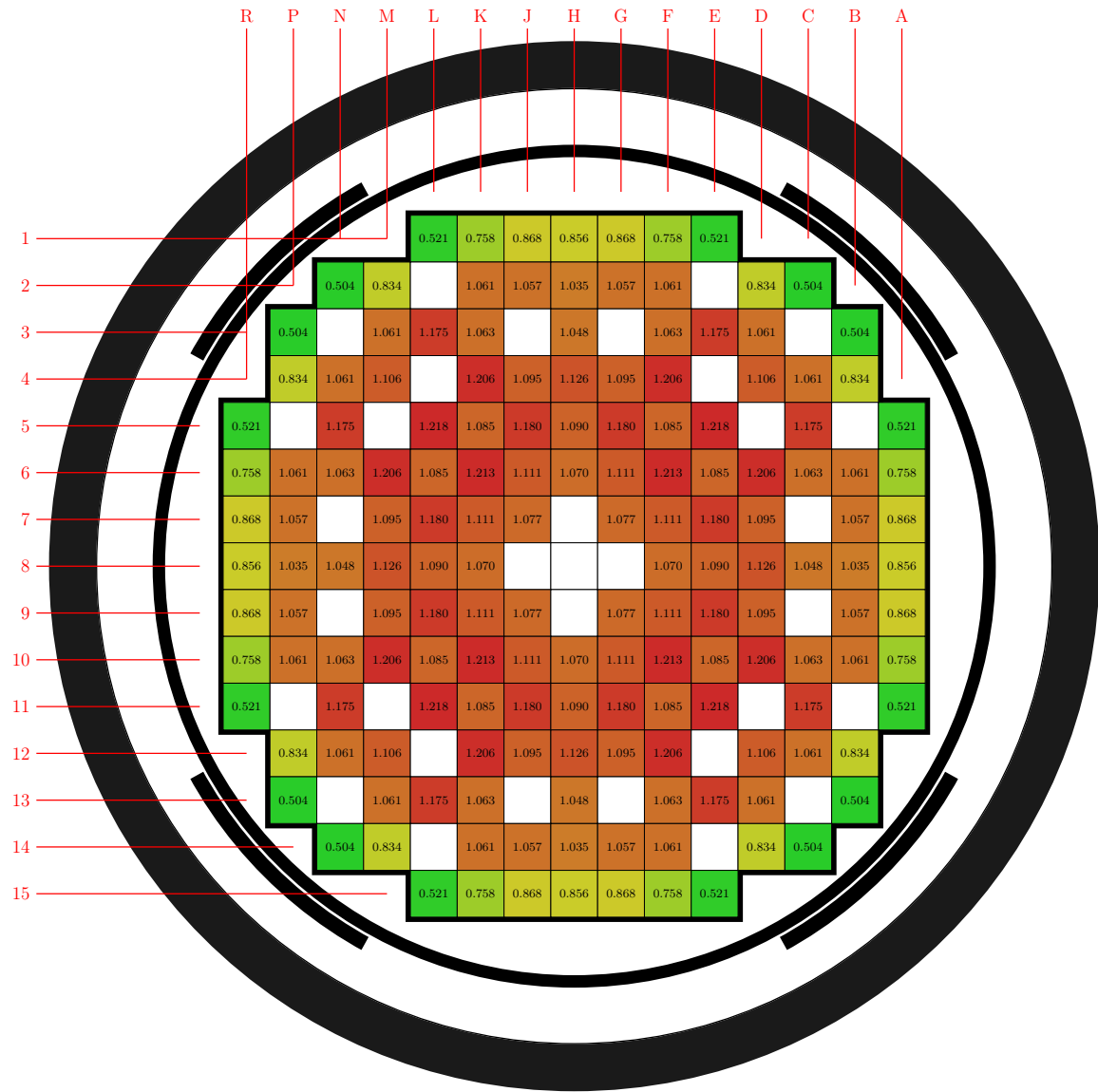


Figure 5: Radial detector measurements (tilt corrected).

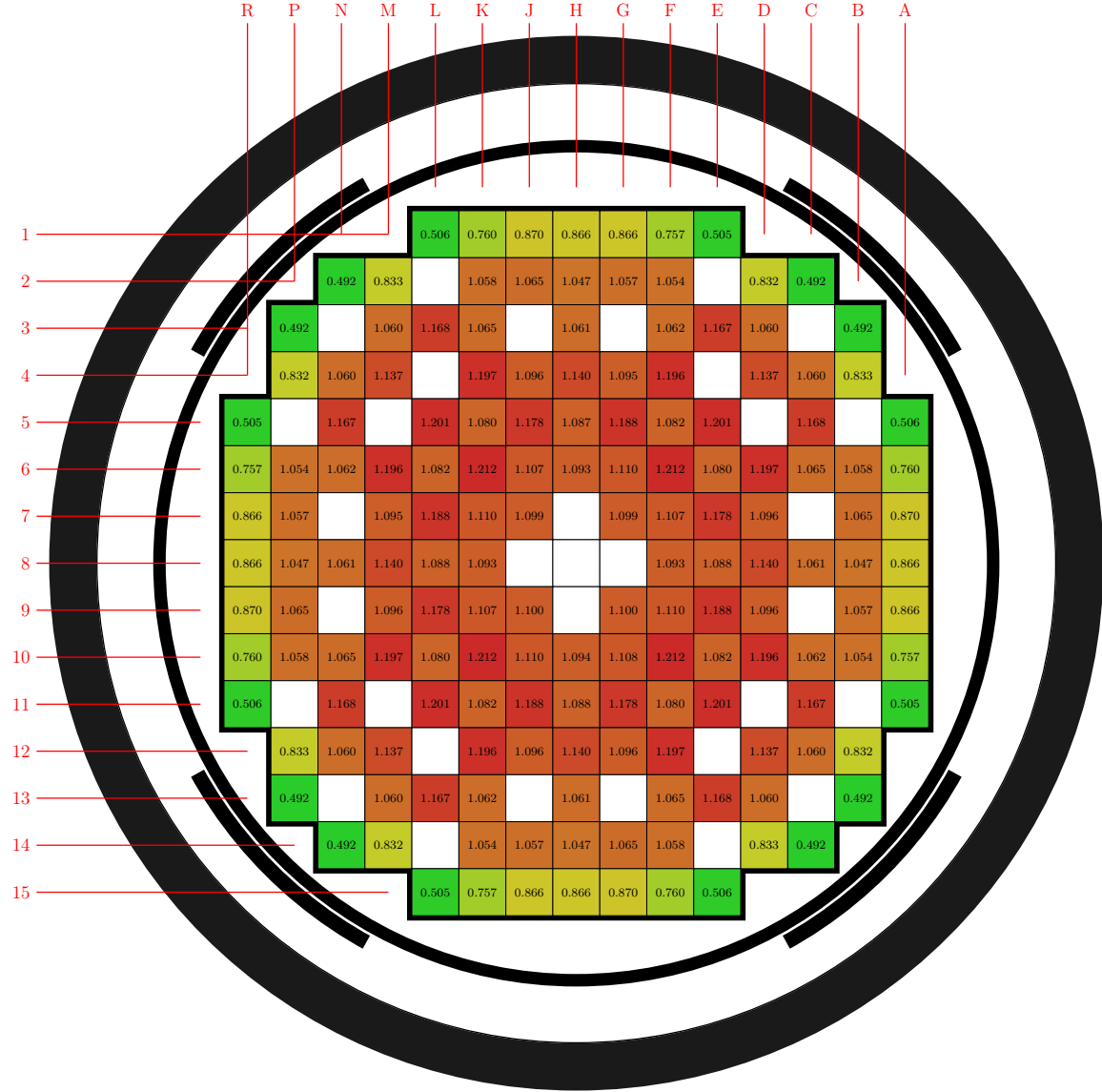


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

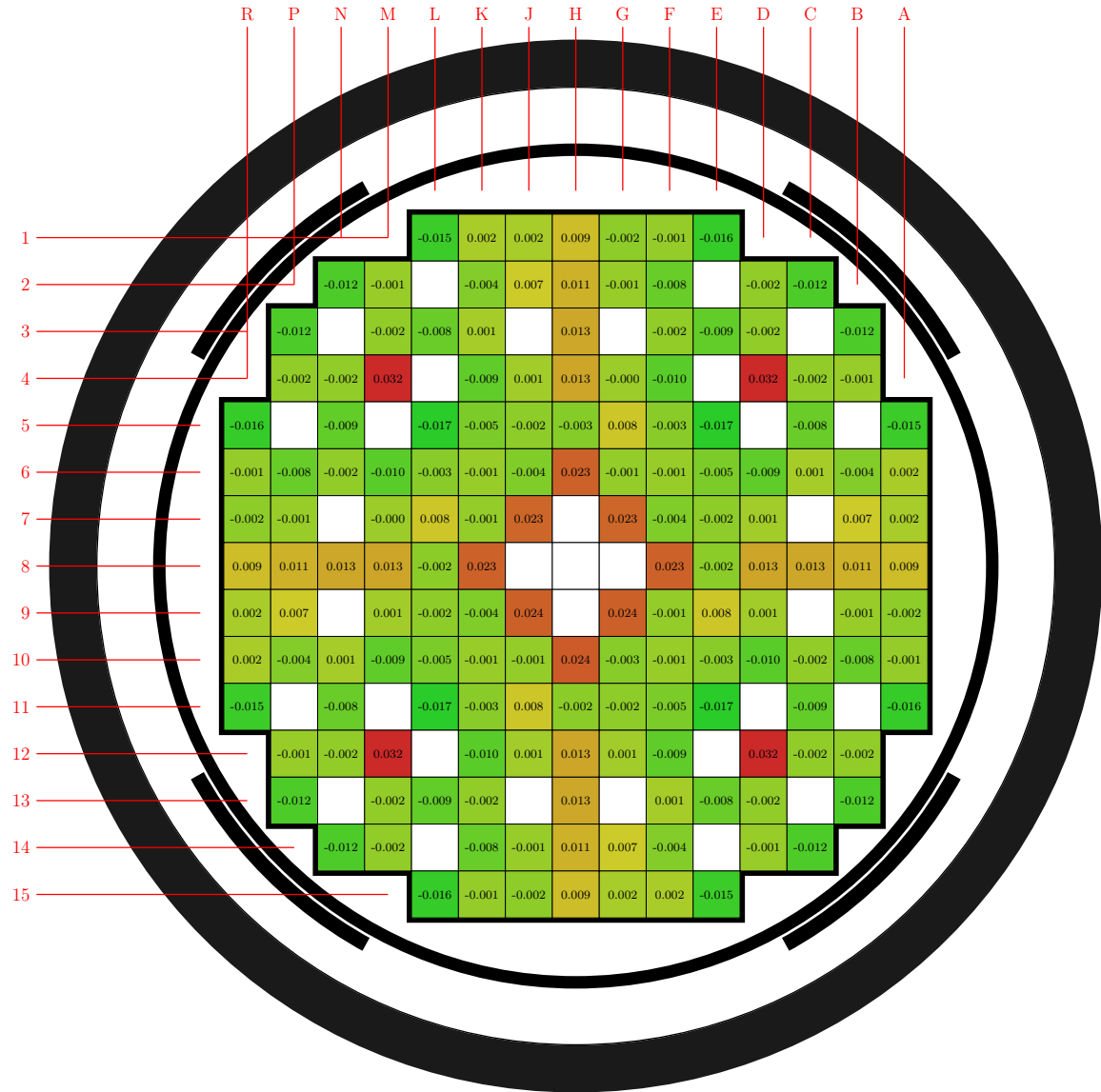


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).



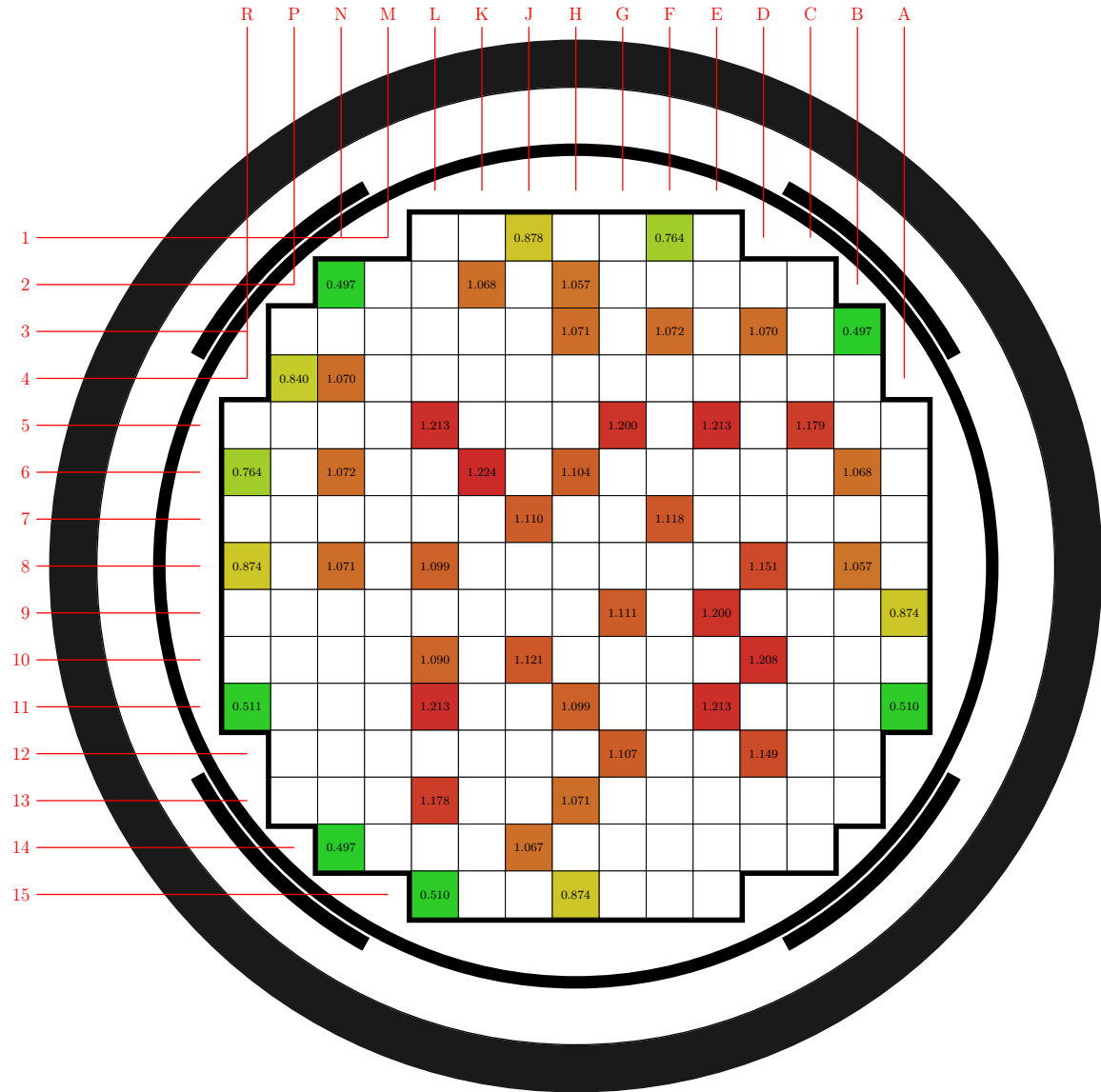


Figure 8: Radial detector measurements (simulate normalized to detector data).

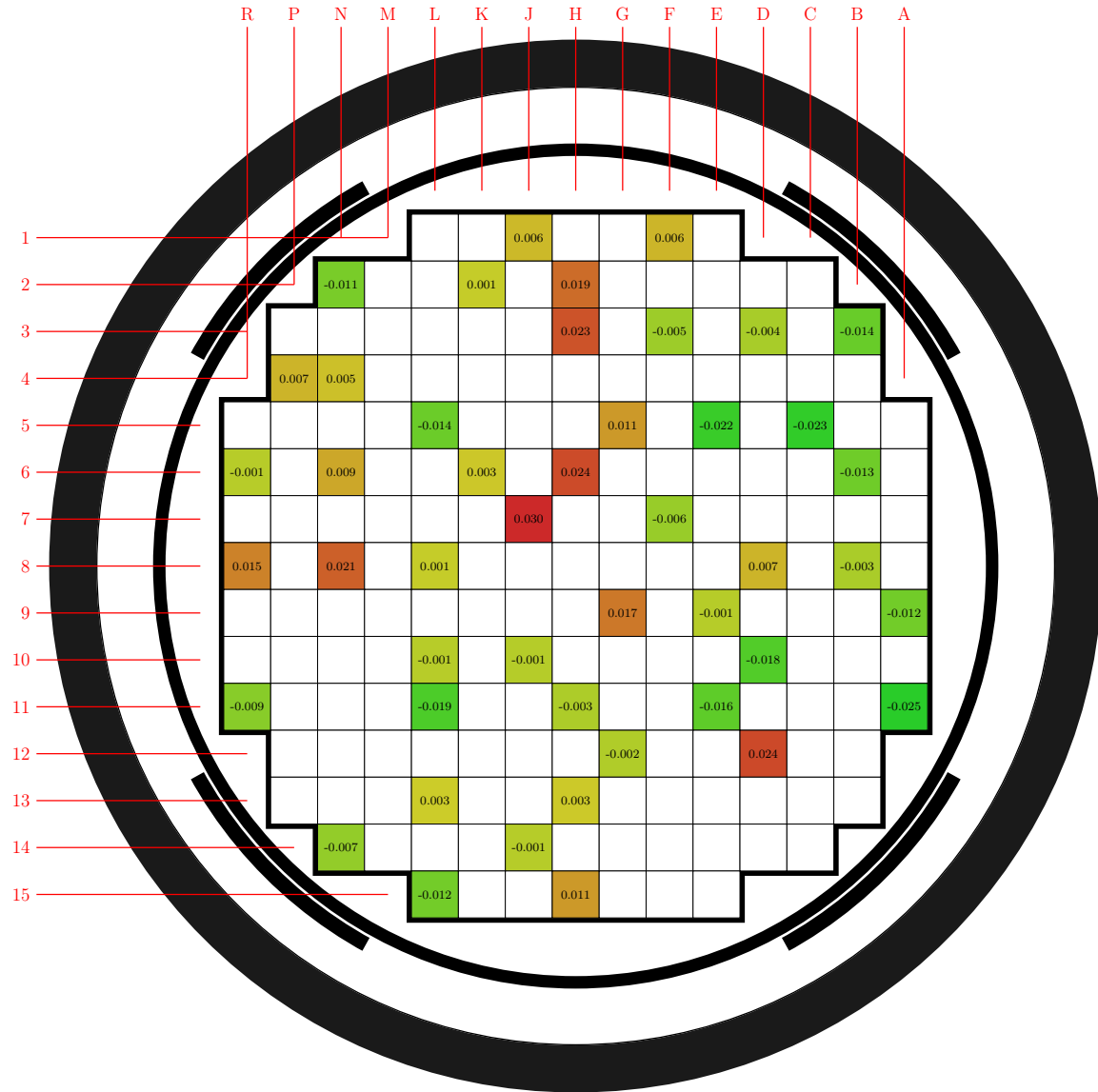


Figure 9: Radial detector absolute difference (simulate minus detector data).