

Measurements taken 434 calendar days since BOC.

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

- 1 3387.7 259. 228. 228. 228. 208. 230.
- 2 3391.9 259. 228. 228. 228. 208. 230.
- 3 3399.2 259. 228. 228. 228. 208. 230.
- 4 3383.3 259. 228. 228. 228. 208. 230.
- 5 3388.3 259. 228. 228. 228. 208. 230.
- 6 3391.8 259. 228. 228. 228. 207. 230.
- 7 3401.8 259. 228. 228. 228. 207. 230.
- 8 3397.7 259. 228. 228. 228. 208. 230.
- 9 3397.8 259. 228. 228. 228. 208. 230.
- 10 3397.7 259. 228. 228. 228. 208. 230.
- 11 3404.0 259. 228. 228. 228. 207. 230.
- 12 3392.4 259. 228. 228. 228. 206. 230.
- 13 3392.2 259. 228. 228. 228. 207. 230.

Average Power [MWt]: 3394.29230769

Inlet Coolant Temperature [°F]: 561.125

Core Burnup [MWD/MT]: 9802.9

Average Boron [ppm]: 259.0

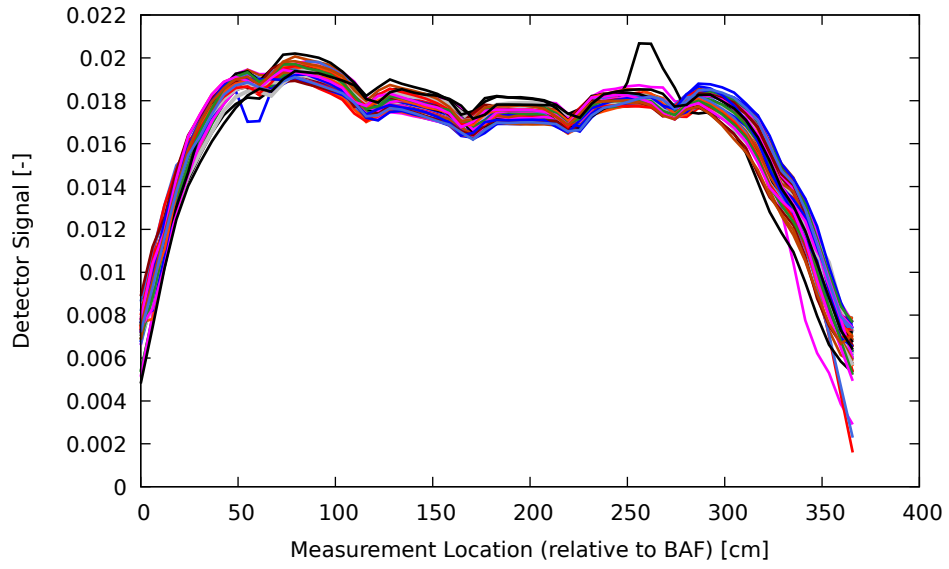


Figure 1: Renormalized data after spline

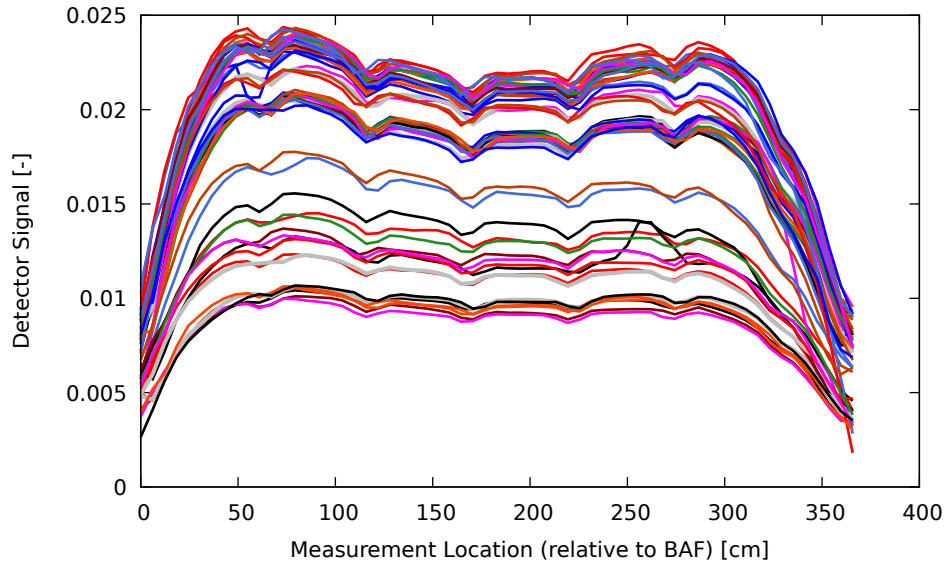


Figure 2: Unnormalized data after spline

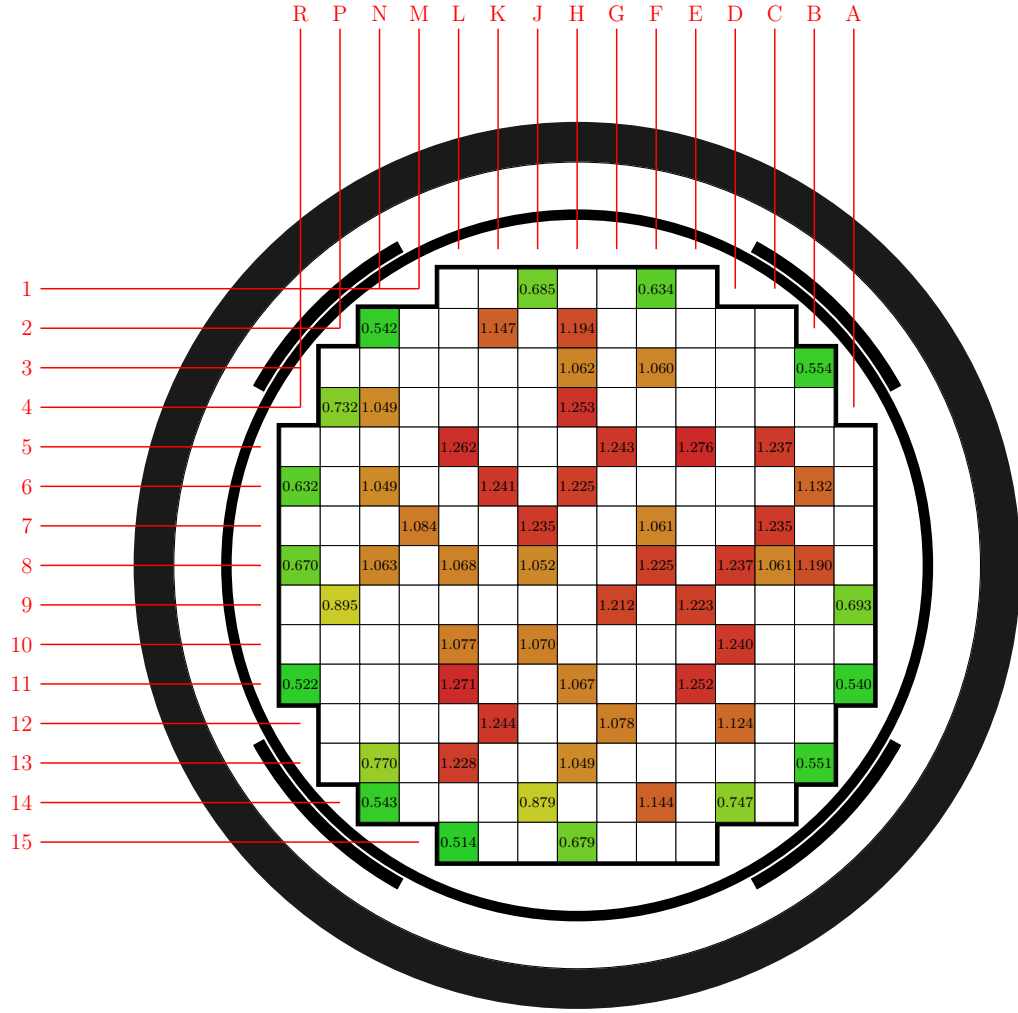


Figure 3: Radial detector measurements (axially integrated).

J1	0.685		F1	0.634
N2	0.542		K2	1.147
H2	1.194		H3	1.062
F3	1.060		D3	
B3	0.554		P4	0.732
N4	1.049		H4	1.253
L5	1.262		G5	1.243
E5	1.276		C5	1.237
R6	0.632		N6	1.049
K6	1.241		H6	1.225
B6	1.132		M7	1.084
J7	1.235		F7	1.061
C7	1.235		R8	0.670
N8	1.063		L8	1.068
J8	1.052		F8	1.225
D8	1.237		C8	1.061
B8	1.190		P9	0.895
G9	1.212		E9	1.223
A9	0.693		L10	1.077
J10	1.070		D10	1.240
R11	0.522		L11	1.271
H11	1.067		E11	1.252
A11	0.540		K12	1.244
G12	1.078		D12	1.124
N13	0.770		L13	1.228
H13	1.049		B13	0.551
N14	0.543		J14	0.879
F14	1.144		D14	0.747
L15	0.514		H15	0.679

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

	H	G	F	E	D	C	B	A
8		1.052 — 1	1.225 0.000 2	1.068 0.001 2	1.245 0.011 2	1.058 0.007 4	1.192 0.003 2	0.674 0.007 2
9	1.052 — 1	1.223 0.017 2	1.070 — 1	1.233 0.014 2	1.084 — 1		0.879 — 1	0.693 — 1
10	1.225 0.000 2	1.061 — 1	1.241 — 1		1.242 0.003 2	1.054 0.007 2		0.633 0.002 2
11	1.068 0.001 2		1.077 — 1	1.265 0.011 4		1.228 — 1		0.527 0.018 2
12	1.245 0.011 2	1.078 — 1			1.124 — 1	1.049 — 1	0.732 — 1	
13	1.058 0.007 4	1.235 — 1		1.237 — 1		0.770 — 1	0.547 0.005 2	
14	1.192 0.003 2	0.895 — 1	1.141 0.008 3		0.747 — 1	0.548 0.009 2		
15	0.674 0.007 2	0.685 — 1		0.522 — 1				

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

D14	0.747		H9	1.052
D10	1.242		D12	1.124
E11	1.265		E13	1.237
E15	0.522		B12	0.732
B13	0.547		C13	0.770
C12	1.049		C11	1.228
C10	1.054		F9	1.070
F8	1.225		C14	0.548
F11	1.077		A11	0.527
A10	0.633		F14	1.141
E8	1.068		E9	1.233
H10	1.225		H11	1.068
H12	1.245		H13	1.058
H14	1.192		H15	0.674
D9	1.084		D8	1.245
C8	1.058		B9	0.879
B8	1.192		G15	0.685
G14	0.895		G13	1.235
G12	1.078		G10	1.061
A8	0.674		A9	0.693
F10	1.241		G8	1.052
G9	1.223			

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

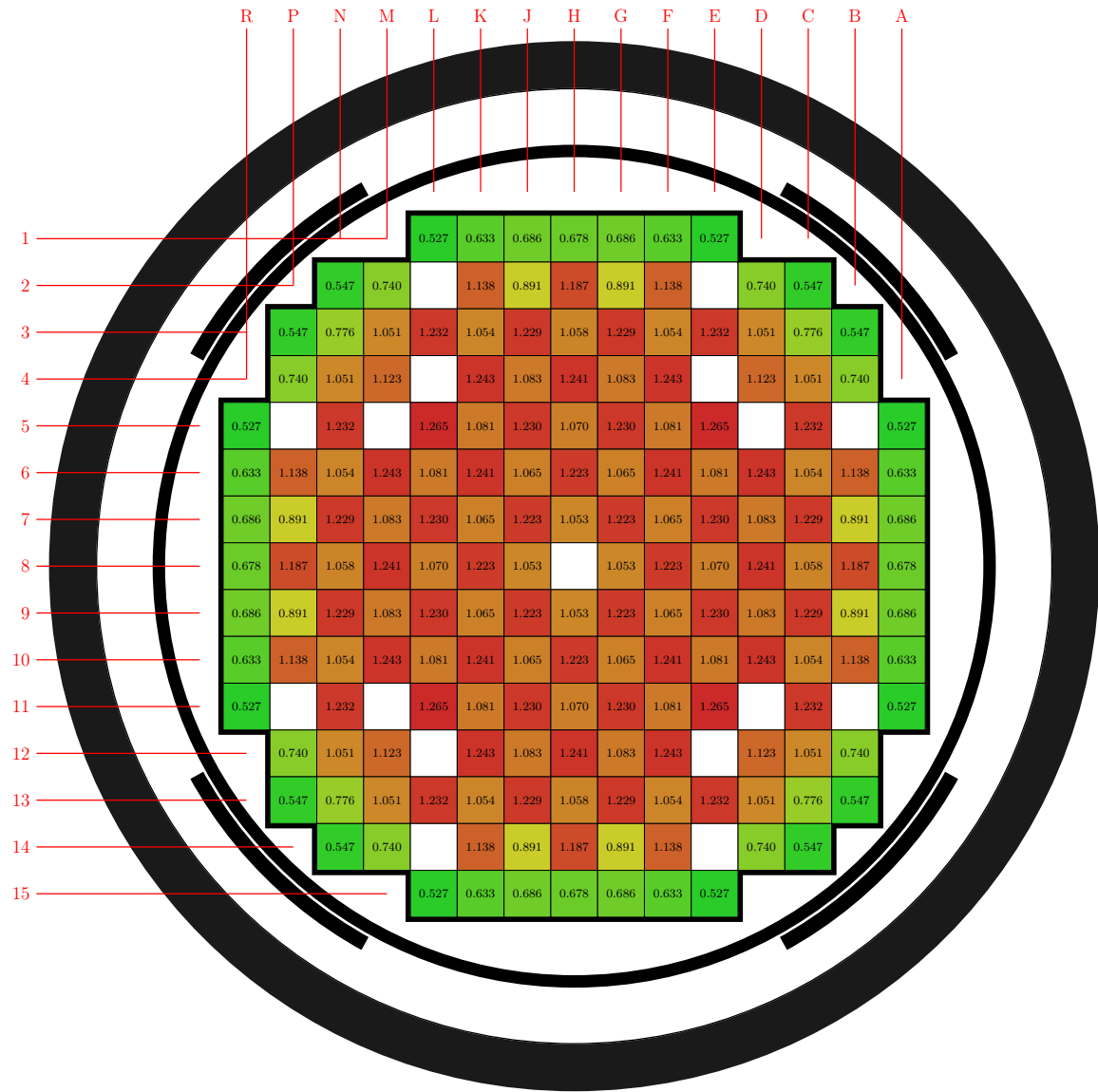


Figure 5: Radial detector measurements (tilt corrected).

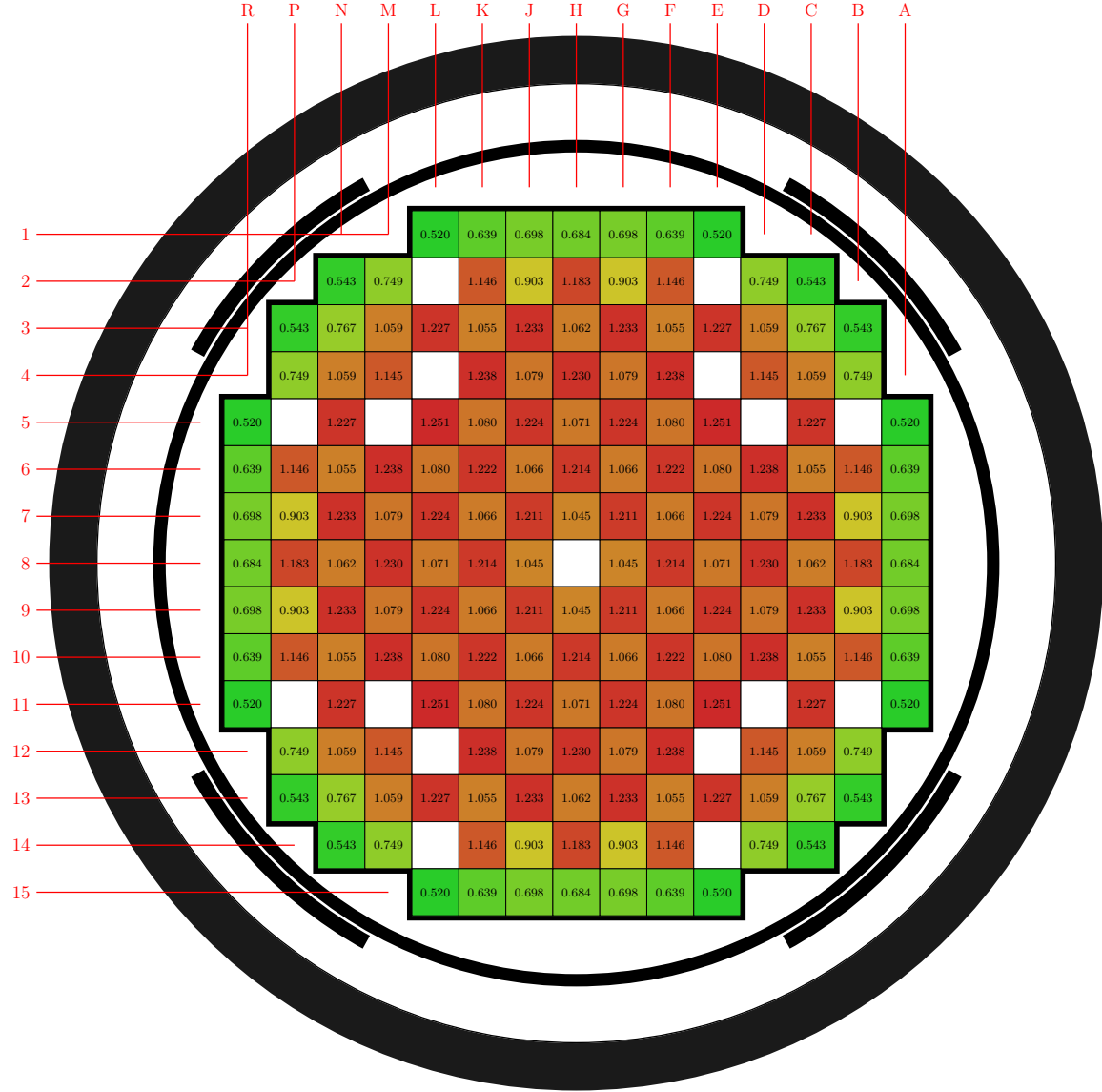


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

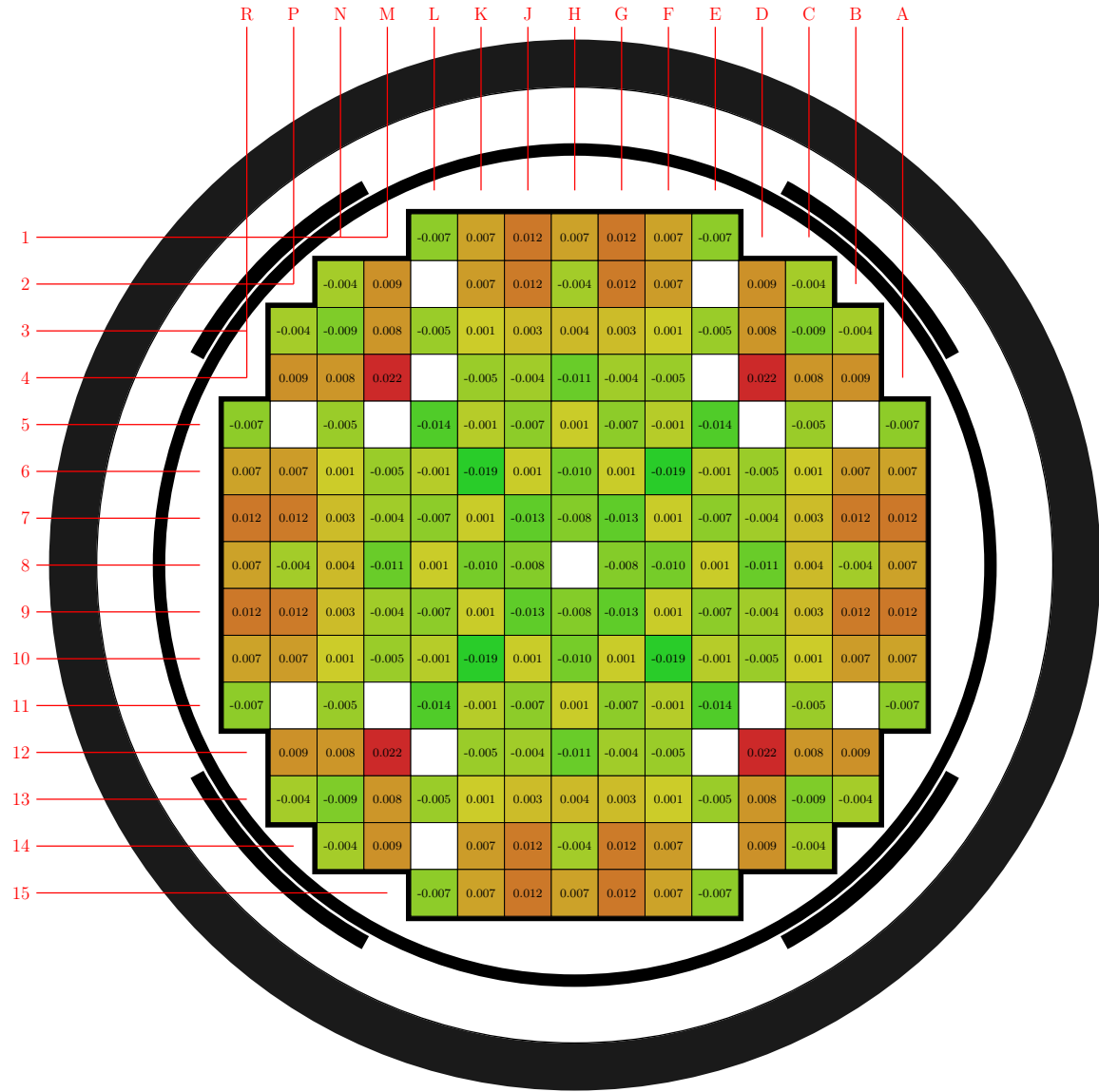


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).



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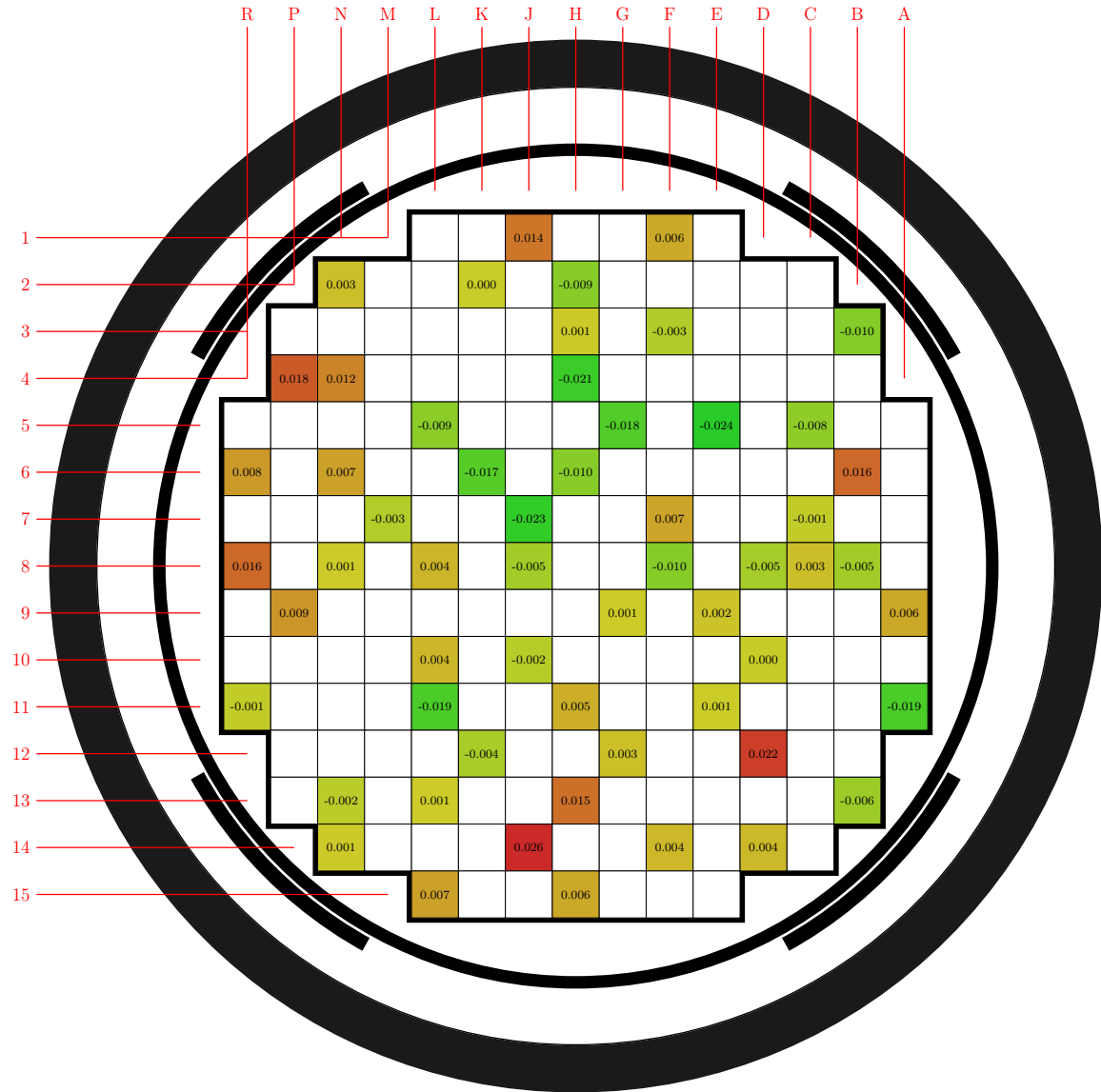


Figure 9: Radial detector absolute difference (simulate minus detector data).