

Measurements taken 218 calendar days since BOC.

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

- 1 3194.5 575. 228. 228. 228. 195. 230.
- 2 3189.2 577. 228. 228. 228. 195. 230.
- 3 3196.1 578. 228. 228. 228. 196. 230.
- 4 3190.8 580. 228. 228. 228. 196. 230.
- 5 3192.7 577. 228. 228. 228. 196. 230.
- 6 3191.9 580. 228. 228. 228. 196. 230.
- 7 3198.9 580. 228. 228. 228. 196. 230.
- 8 3195.6 578. 228. 228. 228. 196. 230.
- 9 3200.0 578. 228. 228. 228. 196. 230.
- 10 3195.8 575. 228. 228. 228. 196. 230.
- 11 3207.3 581. 228. 228. 228. 196. 230.
- 12 3212.6 580. 228. 228. 228. 195. 230.
- 13 3218.5 578. 228. 228. 228. 195. 230.

Average Power [MWt]: 3198.76153846

Inlet Coolant Temperature [°F]: 561.5

Core Burnup [MWD/MT]: 3297.1

Average Boron [ppm]: 578.230769231

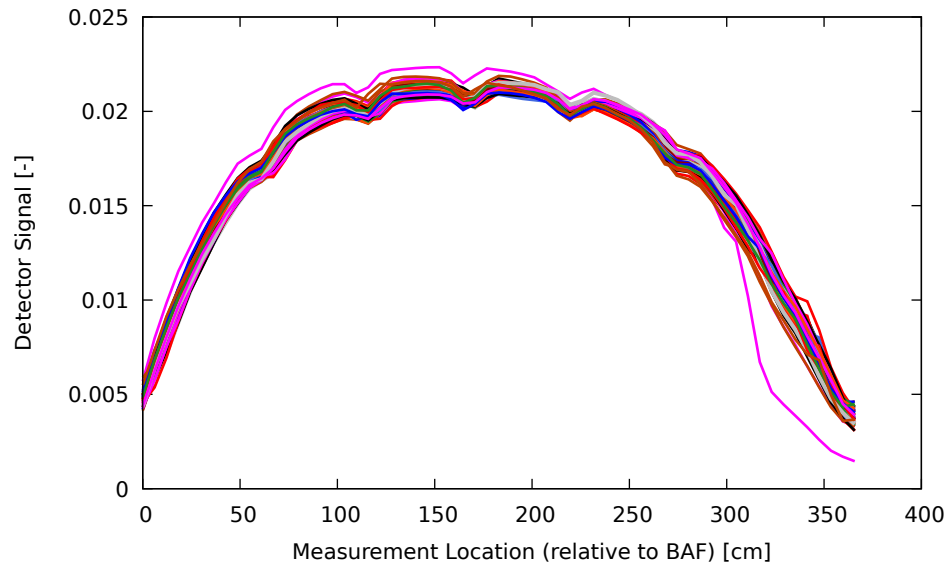


Figure 1: Renormalized data after spline

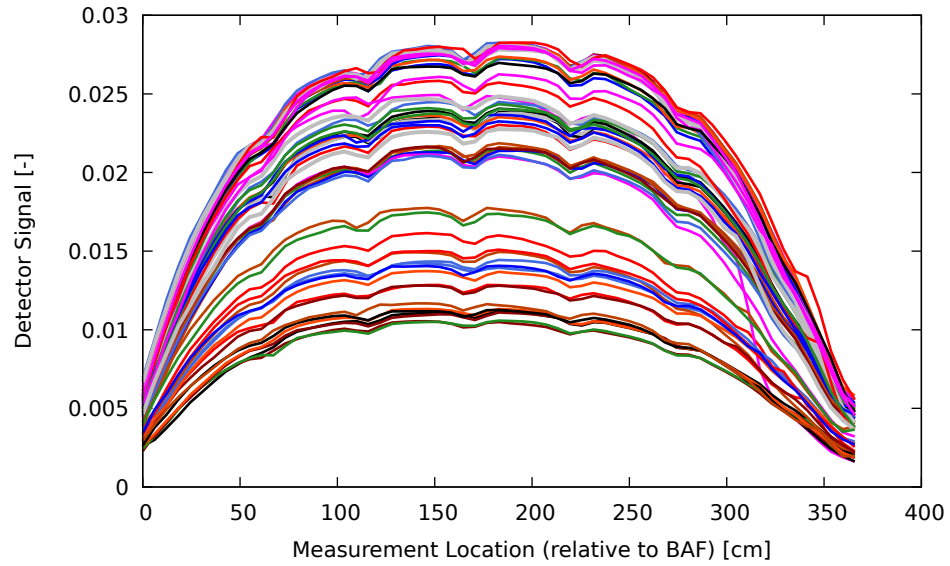


Figure 2: Unnormalized data after spline

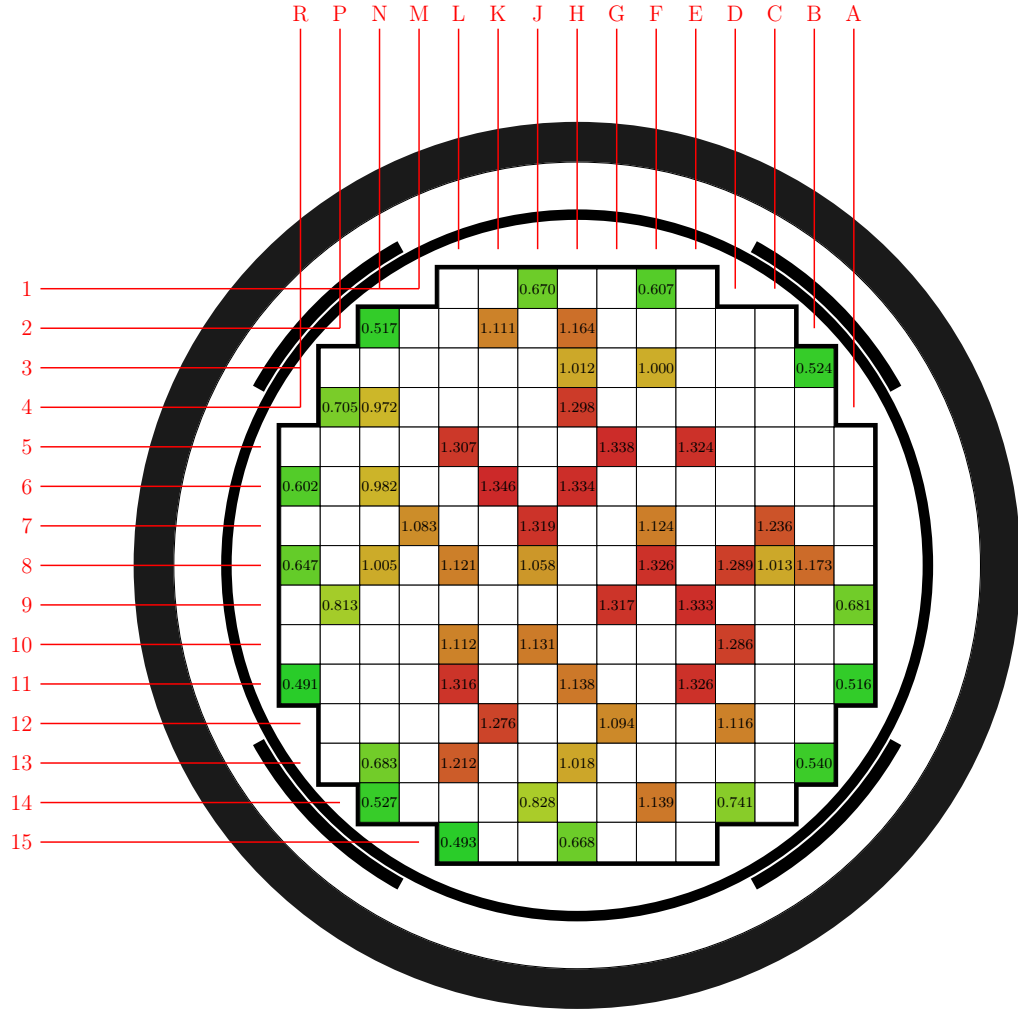


Figure 3: Radial detector measurements (axially integrated).

J1	0.670		F1	0.607
N2	0.517		K2	1.111
H2	1.164		H3	1.012
F3	1.000		D3	
B3	0.524		P4	0.705
N4	0.972		H4	1.298
L5	1.307		G5	1.338
E5	1.324		C5	
R6	0.602		N6	0.982
K6	1.346		H6	1.334
B6			M7	1.083
J7	1.319		F7	1.124
C7	1.236		R8	0.647
N8	1.005		L8	1.121
J8	1.058		F8	1.326
D8	1.289		C8	1.013
B8	1.173		P9	0.813
G9	1.317		E9	1.333
A9	0.681		L10	1.112
J10	1.131		D10	1.286
R11	0.491		L11	1.316
H11	1.138		E11	1.326
A11	0.516		K12	1.276
G12	1.094		D12	1.116
N13	0.683		L13	1.212
H13	1.018		B13	0.540
N14	0.527		J14	0.828
F14	1.139		D14	0.741
L15	0.493		H15	0.668

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

	H	G	F	E	D	C	B	A
8		1.058 — 1	1.330 0.006 2	1.129 0.012 2	1.294 0.006 2	1.012 0.006 4	1.168 0.006 2	0.657 0.015 2
9	1.058 — 1	1.318 0.001 2	1.131 — 1	1.336 0.003 2	1.083 — 1		0.828 — 1	0.681 — 1
10	1.330 0.006 2	1.124 — 1	1.346 — 1		1.281 0.007 2	0.991 0.013 2		0.604 0.004 2
11	1.129 0.012 2		1.112 — 1	1.318 0.009 4		1.212 — 1		0.504 0.016 2
12	1.294 0.006 2	1.094 — 1			1.116 — 1	0.972 — 1	0.705 — 1	
13	1.012 0.006 4	1.236 — 1				0.683 — 1	0.534 0.009 2	
14	1.168 0.006 2	0.813 — 1	1.125 0.019 2		0.741 — 1	0.520 0.005 2		
15	0.657 0.015 2	0.670 — 1		0.491 — 1				

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

D14	0.741		H9	1.058
D10	1.281		D12	1.116
E11	1.318		E15	0.491
B12	0.705		B13	0.534
C13	0.683		C12	0.972
C11	1.212		C10	0.991
F9	1.131		F8	1.330
C14	0.520		F11	1.112
A11	0.504		A10	0.604
F14	1.125		E8	1.129
E9	1.336		H10	1.330
H11	1.129		H12	1.294
H13	1.012		H14	1.168
H15	0.657		D9	1.083
D8	1.294		C8	1.012
B9	0.828		B8	1.168
G15	0.670		G14	0.813
G13	1.236		G12	1.094
G10	1.124		A8	0.657
A9	0.681		F10	1.346
G8	1.058		G9	1.318

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

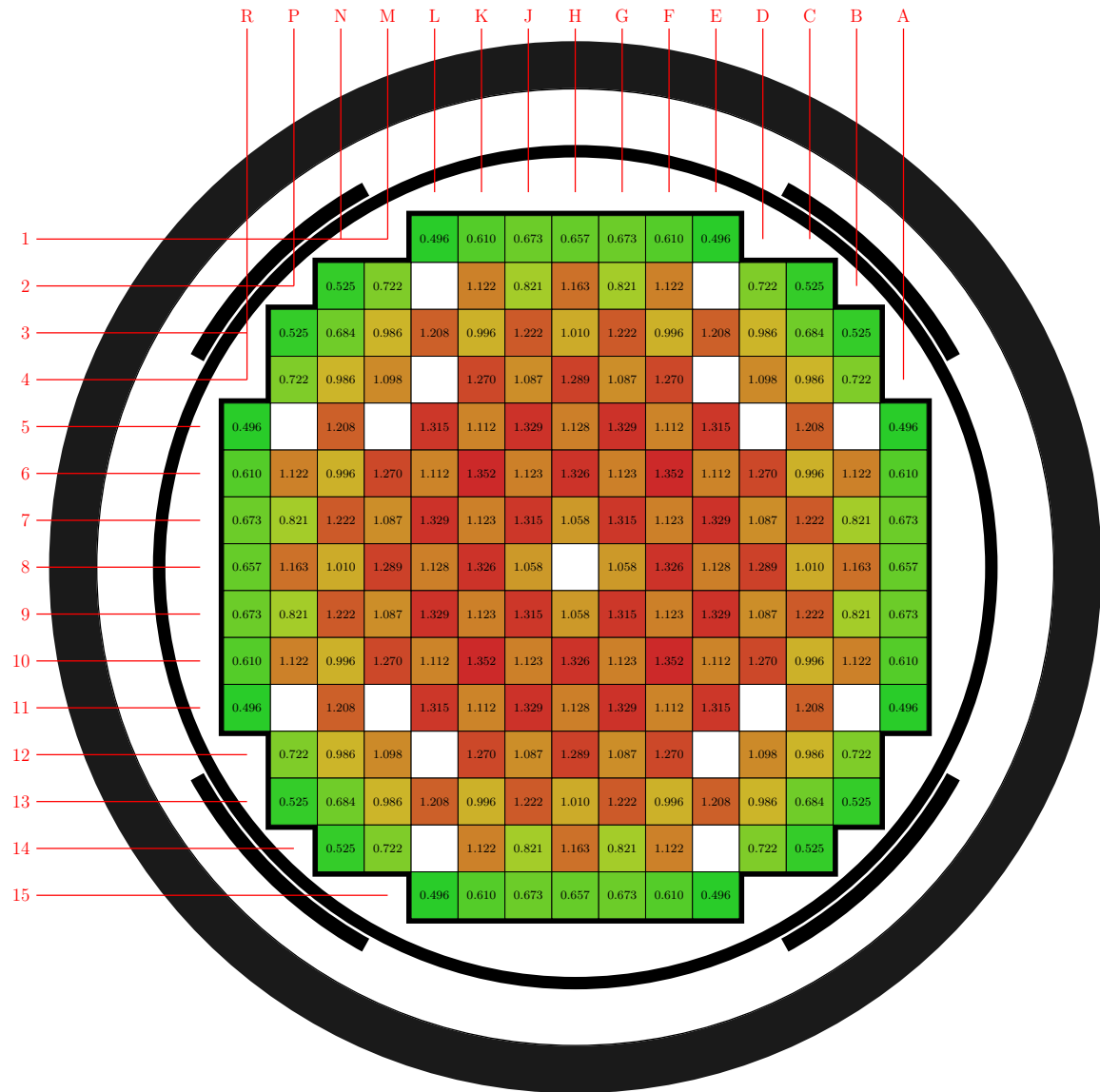


Figure 5: Radial detector measurements (tilt corrected).

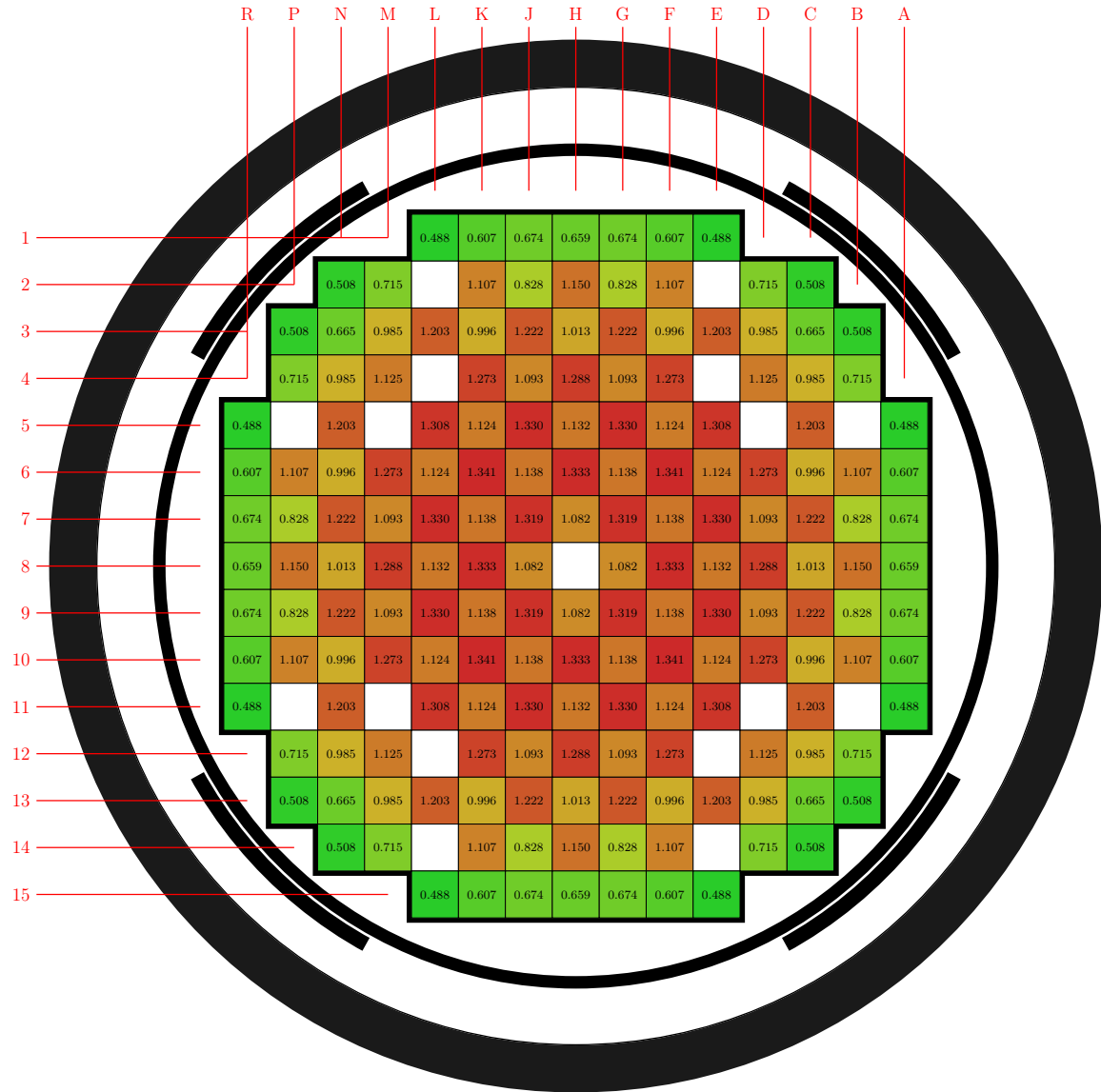


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

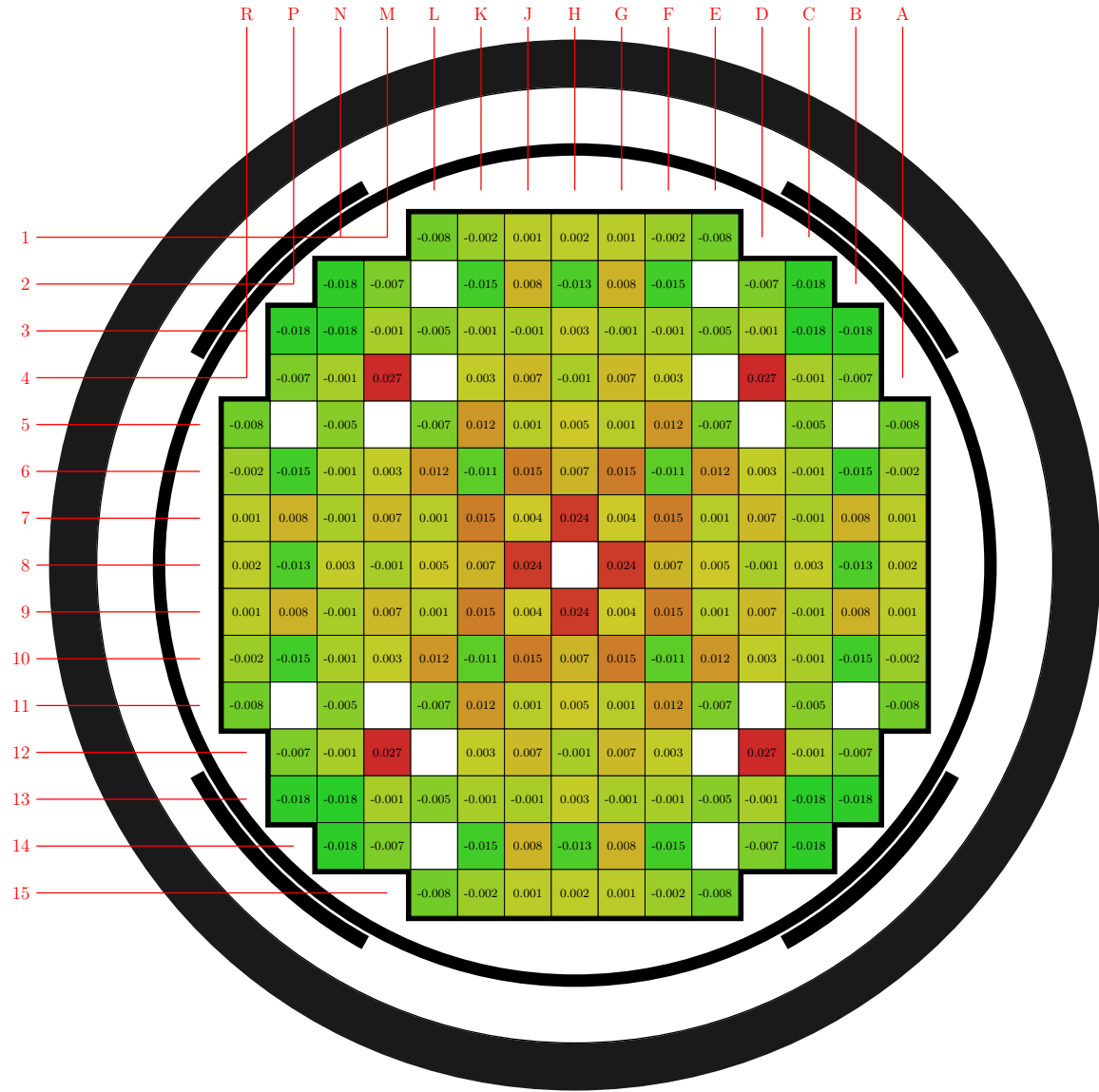


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).





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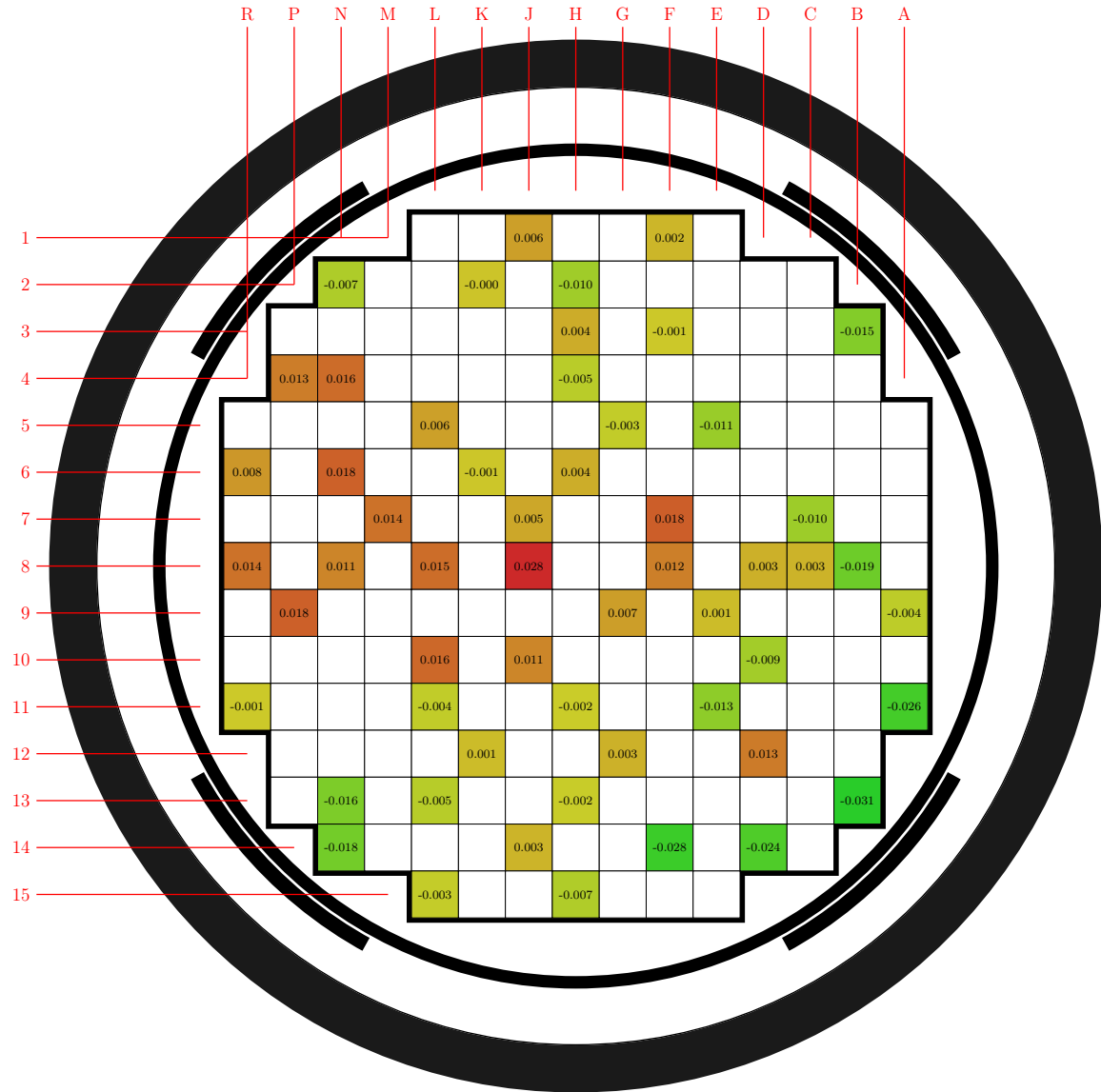


Figure 9: Radial detector absolute difference (simulate minus detector data).