

Measurements taken 368 calendar days since BOC.

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

- 1 3400.2 439. 228. 228. 228. 215. 230.
- 2 3393.6 430. 228. 228. 228. 215. 230.
- 3 3388.2 423. 228. 228. 228. 215. 230.
- 4 3388.0 377. 228. 228. 228. 215. 230.
- 5 3382.0 362. 228. 228. 228. 215. 230.
- 6 3389.2 359. 228. 228. 228. 215. 230.
- 7 3388.1 369. 228. 228. 228. 215. 230.
- 8 3383.4 366. 228. 228. 228. 215. 230.
- 9 3377.2 364. 228. 228. 228. 215. 230.
- 10 3383.7 373. 228. 228. 228. 215. 230.
- 11 3389.3 373. 228. 228. 228. 215. 230.
- 12 3387.0 375. 228. 228. 228. 215. 230.
- 13 3385.8 380. 228. 228. 228. 215. 230.
- 14 3385.3 375. 228. 228. 228. 215. 230.

Average Power [MWt]: 3387.21428571

Inlet Coolant Temperature [°F]: 560.475

Core Burnup [MWD/MT]: 7508.0

Average Boron [ppm]: 383.214285714

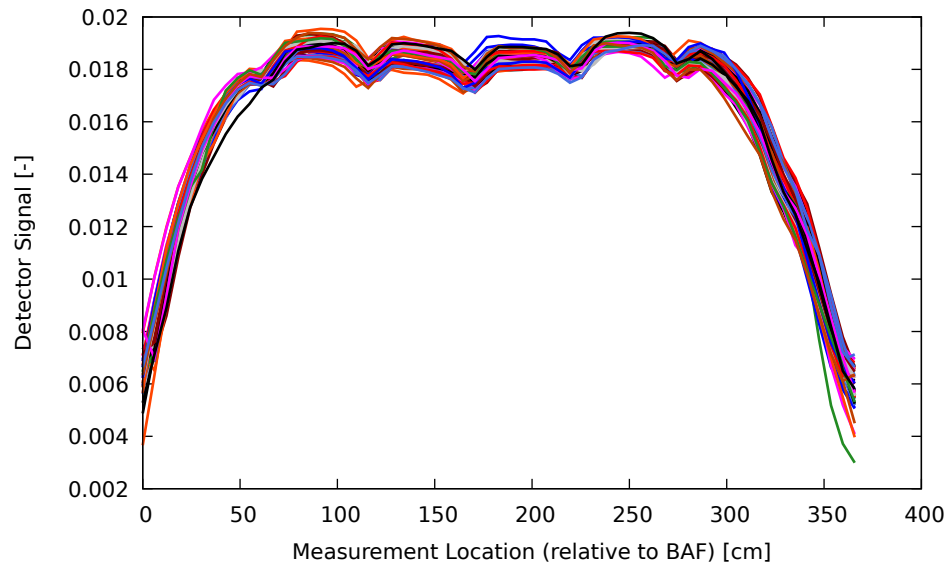


Figure 1: Renormalized data after spline

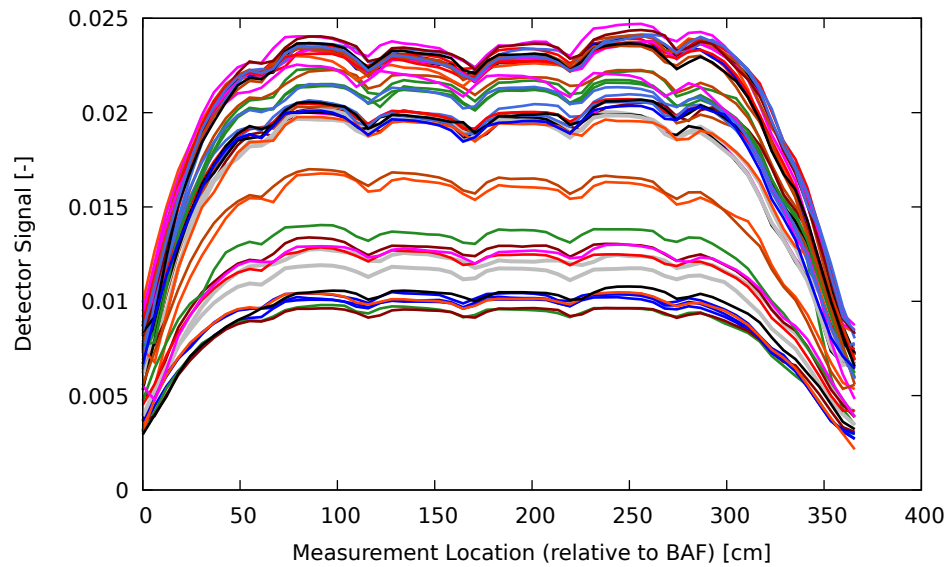
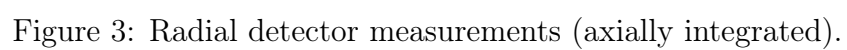


Figure 2: Unnormalized data after spline



J1	0.684		F1	
N2	0.539		K2	1.140
H2	1.181		H3	1.053
F3	1.050		D3	
B3	0.551		P4	0.732
N4			H4	
L5	1.284		G5	
E5	1.299		C5	1.242
R6	0.624		N6	1.038
K6	1.268		H6	1.259
B6	1.137		M7	
J7	1.271		F7	1.079
C7	1.247		R8	0.668
N8	1.052		L8	1.092
J8	1.068		F8	1.264
D8	1.251		C8	
B8	1.179		P9	0.877
G9	1.252		E9	1.260
A9	0.692		L10	1.096
J10	1.094		D10	1.255
R11	0.512		L11	
H11	1.089		E11	1.277
A11	0.531		K12	1.263
G12	1.084		D12	1.155
N13			L13	
H13	1.040		B13	0.556
N14	0.544		J14	0.858
F14	1.137		D14	
L15	0.512		H15	0.664

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

	H	G	F	E	D	C	B	A
8		1.068 — 1	1.262 0.004 2	1.090 0.002 2	1.251 0.002 1	1.048 0.008 3	1.180 0.001 2	0.666 0.003 2
9	1.068 — 1	1.262 0.013 2	1.094 — 1	1.260 — 1			0.858 — 1	0.692 — 1
10	1.262 0.004 2	1.079 — 1	1.268 — 1		1.259 0.006 2	1.044 0.008 2		0.624 — 1
11	1.090 0.002 2		1.096 — 1	1.287 0.011 3				0.522 0.014 2
12	1.251 — 1	1.084 — 1			1.155 — 1		0.732 — 1	
13	1.048 0.008 3	1.247 — 1		1.242 — 1			0.550 0.009 2	
14	1.180 0.001 2	0.877 — 1	1.138 0.002 3			0.545 0.008 2		
15	0.666 0.003 2	0.684 — 1		0.512 — 1				

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

H9	1.068		D10	1.259
D12	1.155		E11	1.287
E13	1.242		E15	0.512
B12	0.732		B13	0.550
C10	1.044		F9	1.094
F8	1.262		C14	0.545
F11	1.096		A11	0.522
A10	0.624		F14	1.138
E8	1.090		E9	1.260
H10	1.262		H11	1.090
H12	1.251		H13	1.048
H14	1.180		H15	0.666
D8	1.251		C8	1.048
B9	0.858		B8	1.180
G15	0.684		G14	0.877
G13	1.247		G12	1.084
G10	1.079		A8	0.666
A9	0.692		F10	1.268
G8	1.068		G9	1.262

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

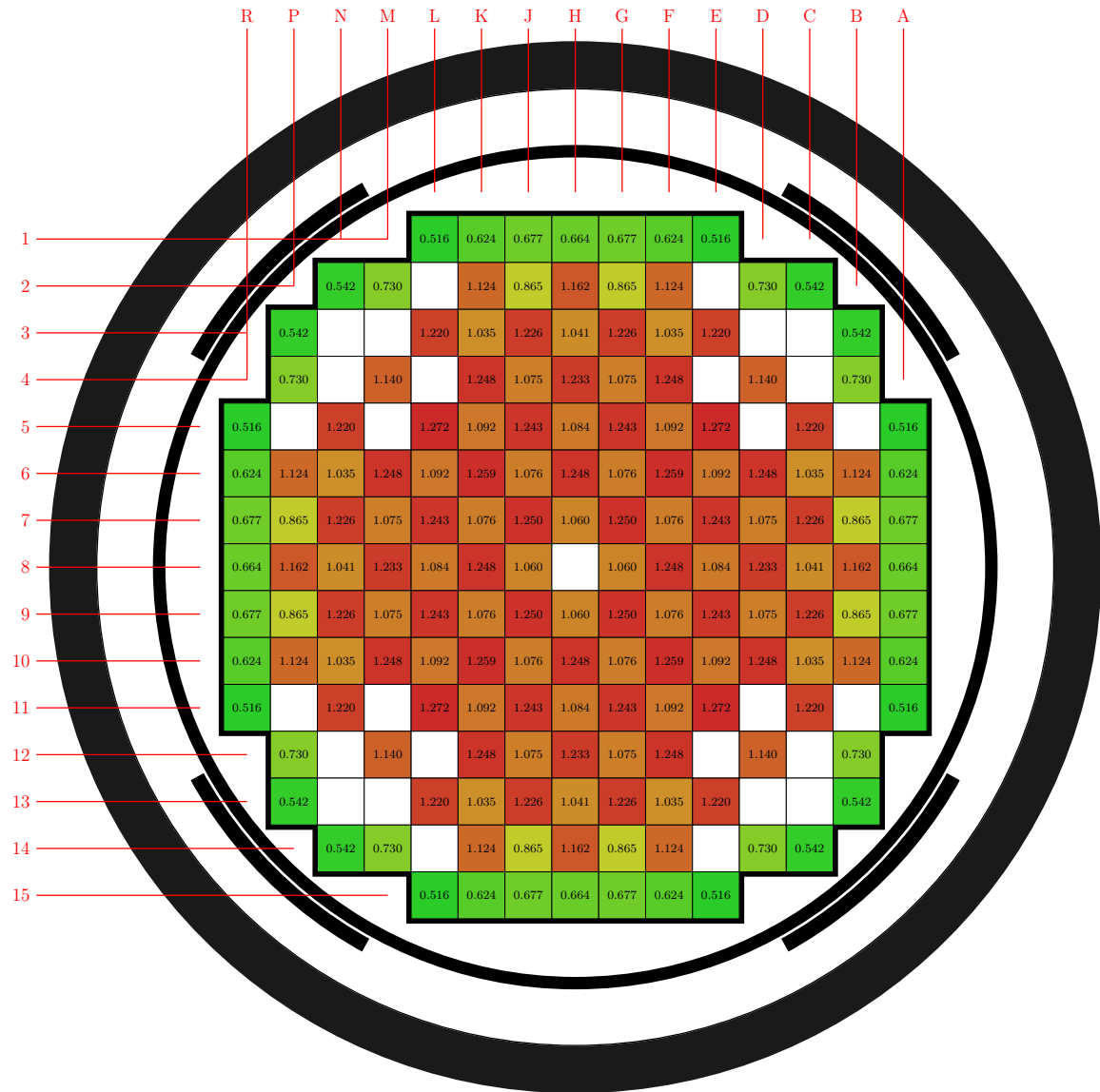


Figure 5: Radial detector measurements (tilt corrected).

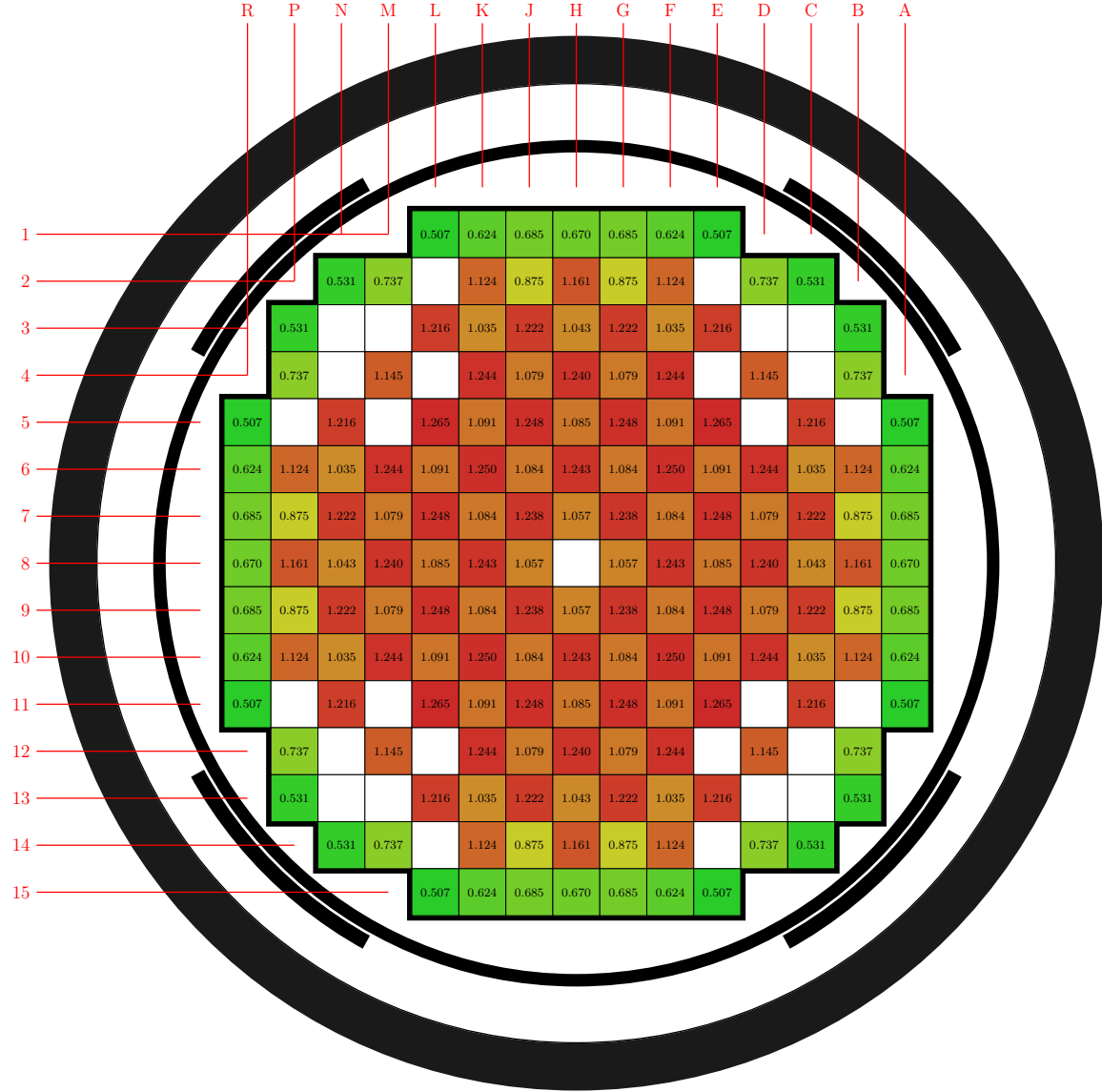


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

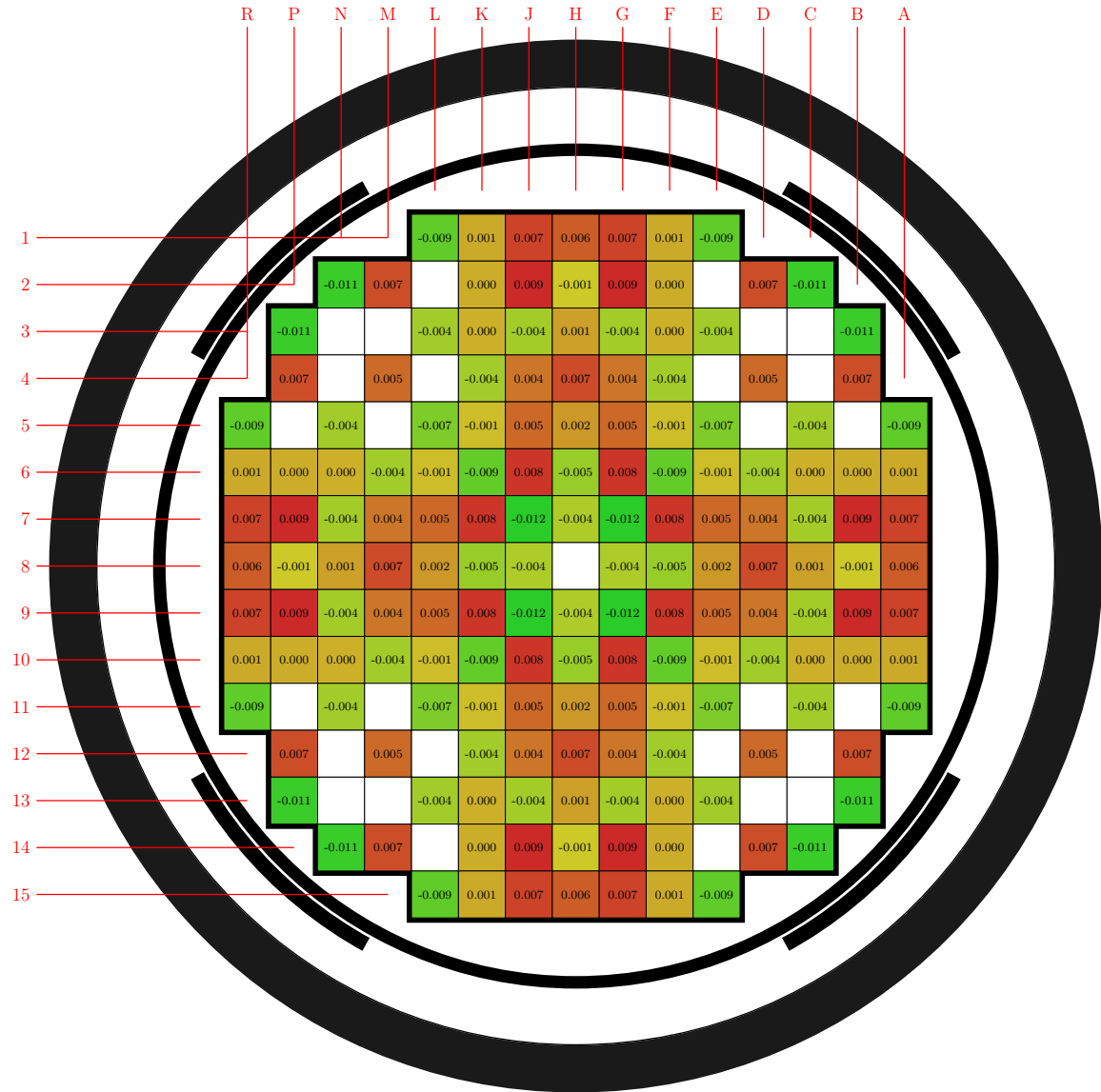


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

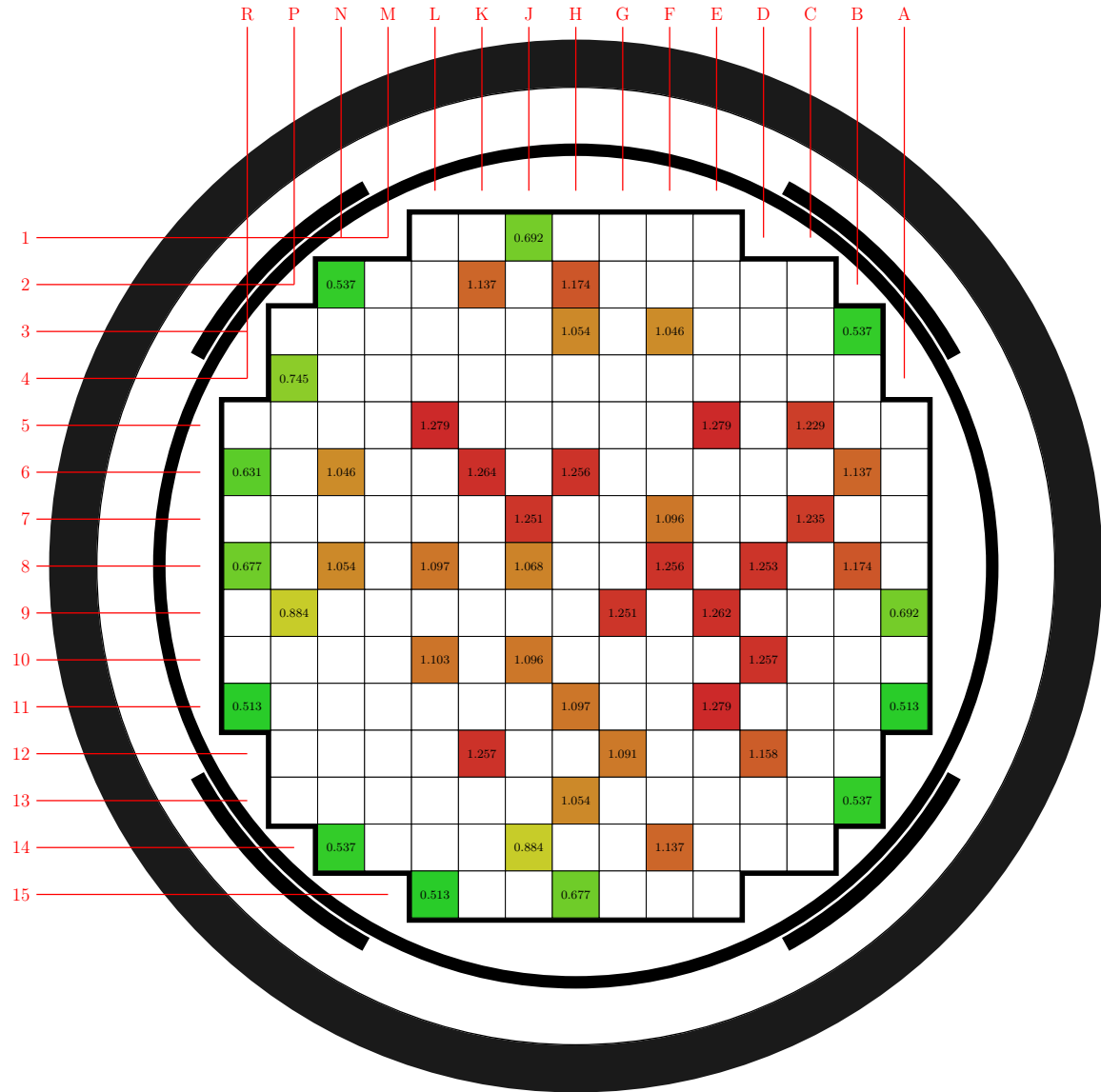


Figure 8: Radial detector measurements (simulate normalized to detector data).

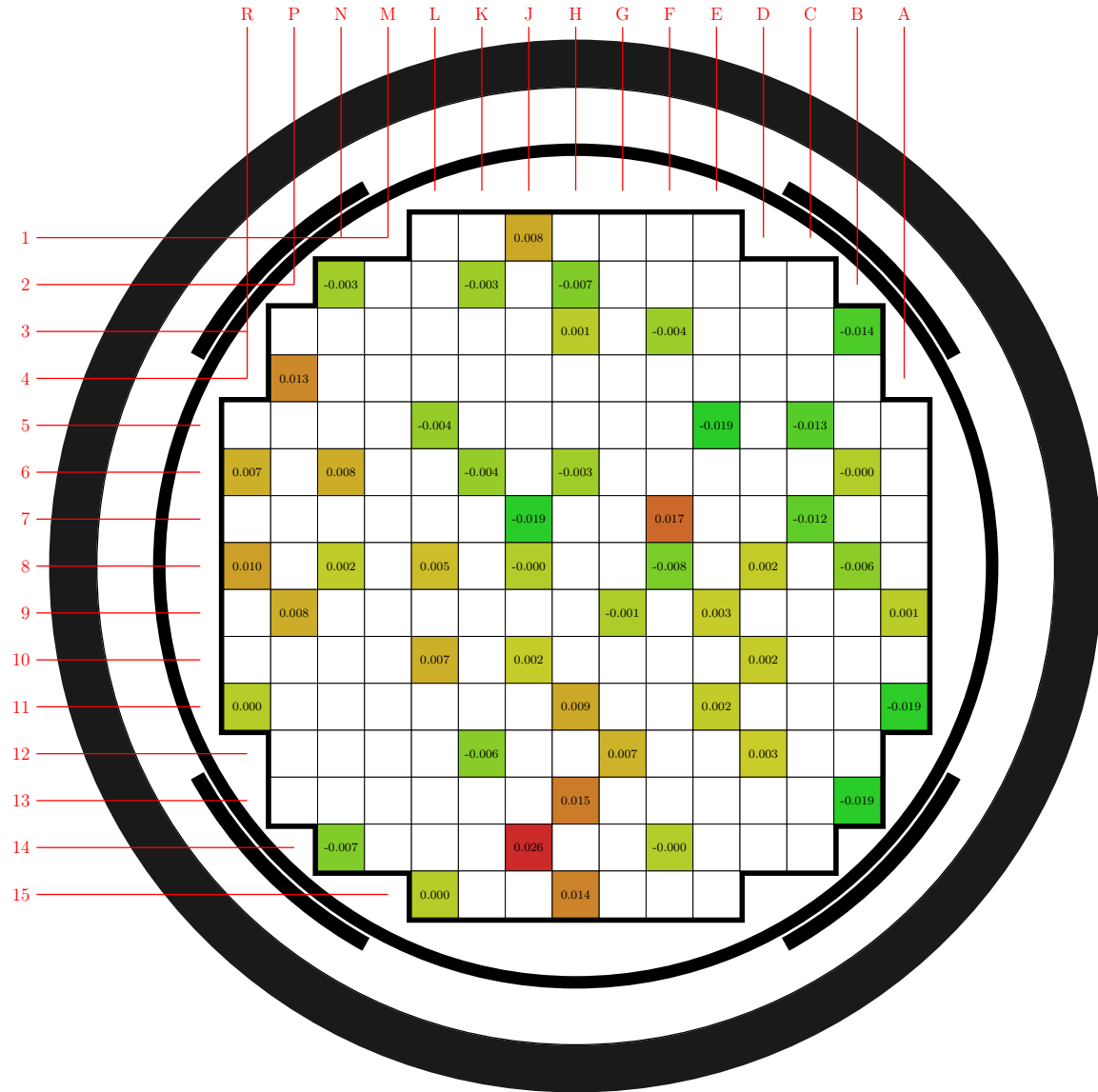


Figure 9: Radial detector absolute difference (simulate minus detector data).