

Measurements taken 220 calendar days since BOC.

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

- 1 3410.3 346. 228. 228. 228. 210. 230.
- 2 3415.0 346. 228. 228. 228. 210. 230.
- 3 3419.2 346. 228. 228. 228. 210. 230.
- 4 3415.3 346. 228. 228. 228. 210. 230.
- 5 3406.5 346. 228. 228. 228. 210. 230.
- 6 3405.7 346. 228. 228. 228. 210. 230.
- 7 3411.1 346. 228. 228. 228. 210. 230.
- 8 3411.1 346. 228. 228. 228. 210. 230.
- 9 3408.7 346. 228. 228. 228. 210. 230.
- 10 3404.3 346. 228. 228. 228. 210. 230.
- 11 3410.5 346. 228. 228. 228. 210. 230.
- 12 3403.5 346. 228. 228. 228. 210. 230.
- 13 3403.9 346. 228. 228. 228. 210. 230.
- 14 3409.3 346. 228. 228. 228. 210. 230.

Average Power [MWt]: 3409.6

Inlet Coolant Temperature [°F]: 561.3

Core Burnup [MWD/MT]: 7714.8

Average Boron [ppm]: 346.0

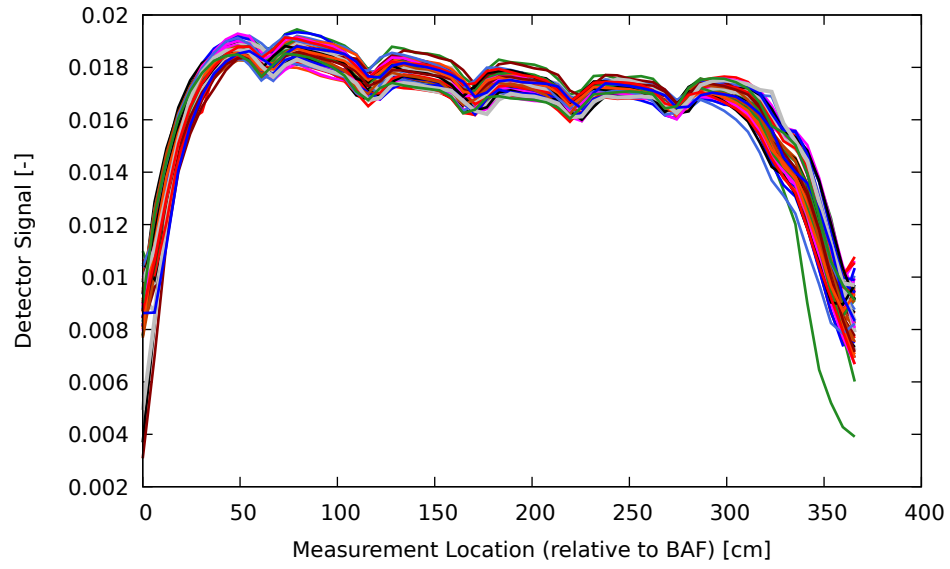


Figure 1: Renormalized data after spline

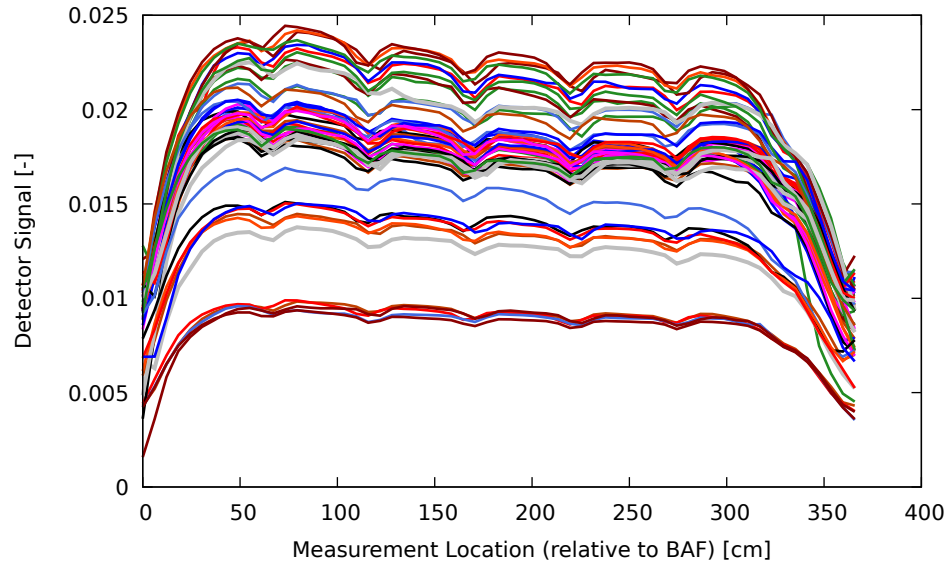


Figure 2: Unnormalized data after spline

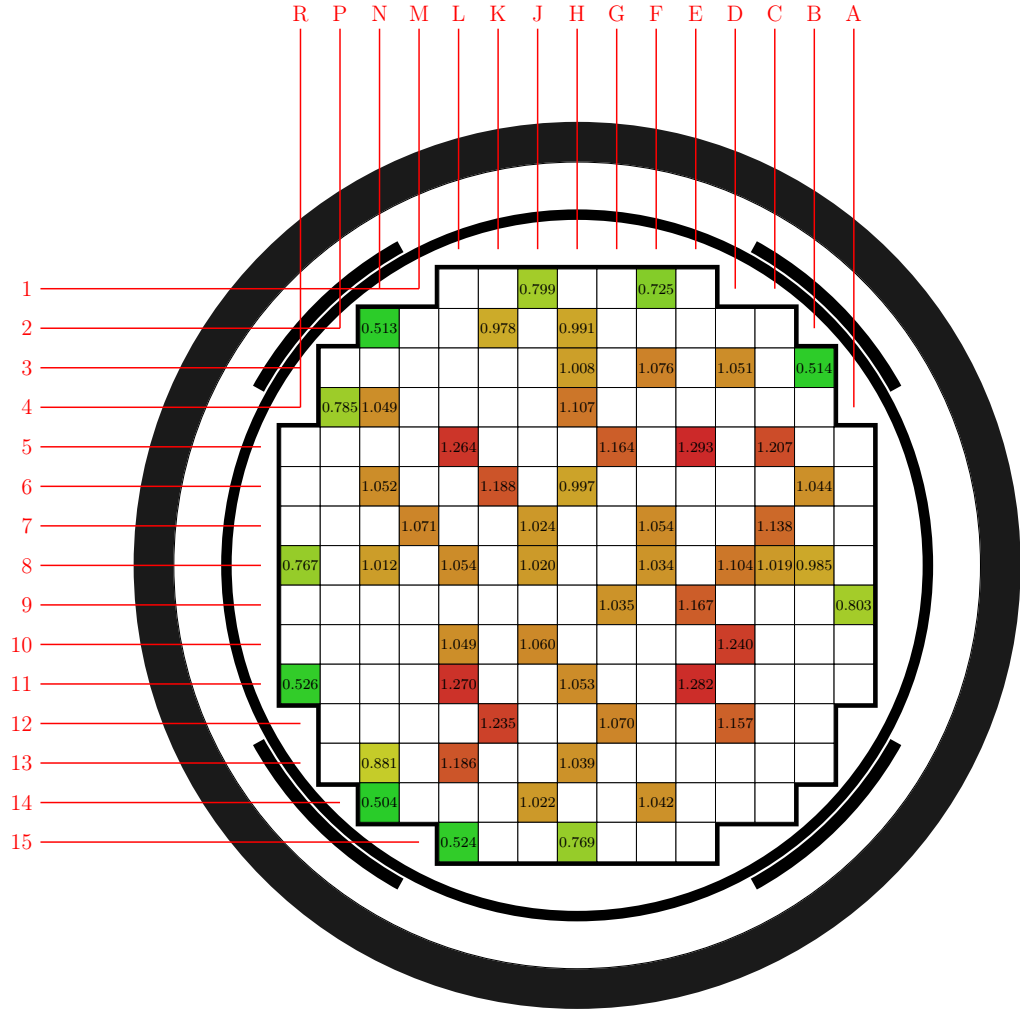


Figure 3: Radial detector measurements (axially integrated).

J1	0.799		F1	0.725
N2	0.513		K2	0.978
H2	0.991		H3	1.008
F3	1.076		D3	1.051
B3	0.514		P4	0.785
N4	1.049		H4	1.107
L5	1.264		G5	1.164
E5	1.293		C5	1.207
R6			N6	1.052
K6	1.188		H6	0.997
B6	1.044		M7	1.071
J7	1.024		F7	1.054
C7	1.138		R8	0.767
N8	1.012		L8	1.054
J8	1.020		F8	1.034
D8	1.104		C8	1.019
B8	0.985		G9	1.035
E9	1.167		A9	0.803
L10	1.049		J10	1.060
D10	1.240		R11	0.526
L11	1.270		H11	1.053
E11	1.282		A11	
K12	1.235		G12	1.070
D12	1.157		N13	0.881
L13	1.186		H13	1.039
N14	0.504		J14	1.022
F14	1.042		L15	0.524
H15	0.769			

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

	H	G	F	E	D	C	B	A
8		1.020 — 1	1.016 0.026 2	1.053 0.000 2	1.106 0.002 2	1.020 0.014 4	0.988 0.005 2	0.768 0.001 2
9	1.020 — 1	1.030 0.008 2	1.060 — 1	1.166 0.002 2	1.071 — 1		1.022 — 1	0.803 — 1
10	1.016 0.026 2	1.054 — 1	1.188 — 1		1.238 0.004 2	1.064 0.017 2		0.725 — 1
11	1.053 0.000 2		1.049 — 1	1.277 0.013 4		1.186 — 1		0.524 — 1
12	1.106 0.002 2	1.070 — 1			1.157 — 1	1.050 0.002 2	0.785 — 1	
13	1.020 0.014 4	1.138 — 1		1.207 — 1		0.881 — 1	0.504 — 1	
14	0.988 0.005 2		1.021 0.037 3			0.513 0.001 2		
15	0.768 0.001 2	0.799 — 1		0.526 — 1				

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

H9	1.020		D10	1.238
D12	1.157		E11	1.277
E13	1.207		E15	0.526
B12	0.785		B13	0.504
C13	0.881		C12	1.050
C11	1.186		C10	1.064
F9	1.060		F8	1.016
C14	0.513		F11	1.049
A11	0.524		A10	0.725
F14	1.021		E8	1.053
E9	1.166		H10	1.016
H11	1.053		H12	1.106
H13	1.020		H14	0.988
H15	0.768		D9	1.071
D8	1.106		C8	1.020
B9	1.022		B8	0.988
G15	0.799		G13	1.138
G12	1.070		G10	1.054
A8	0.768		A9	0.803
F10	1.188		G8	1.020
G9	1.030			

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

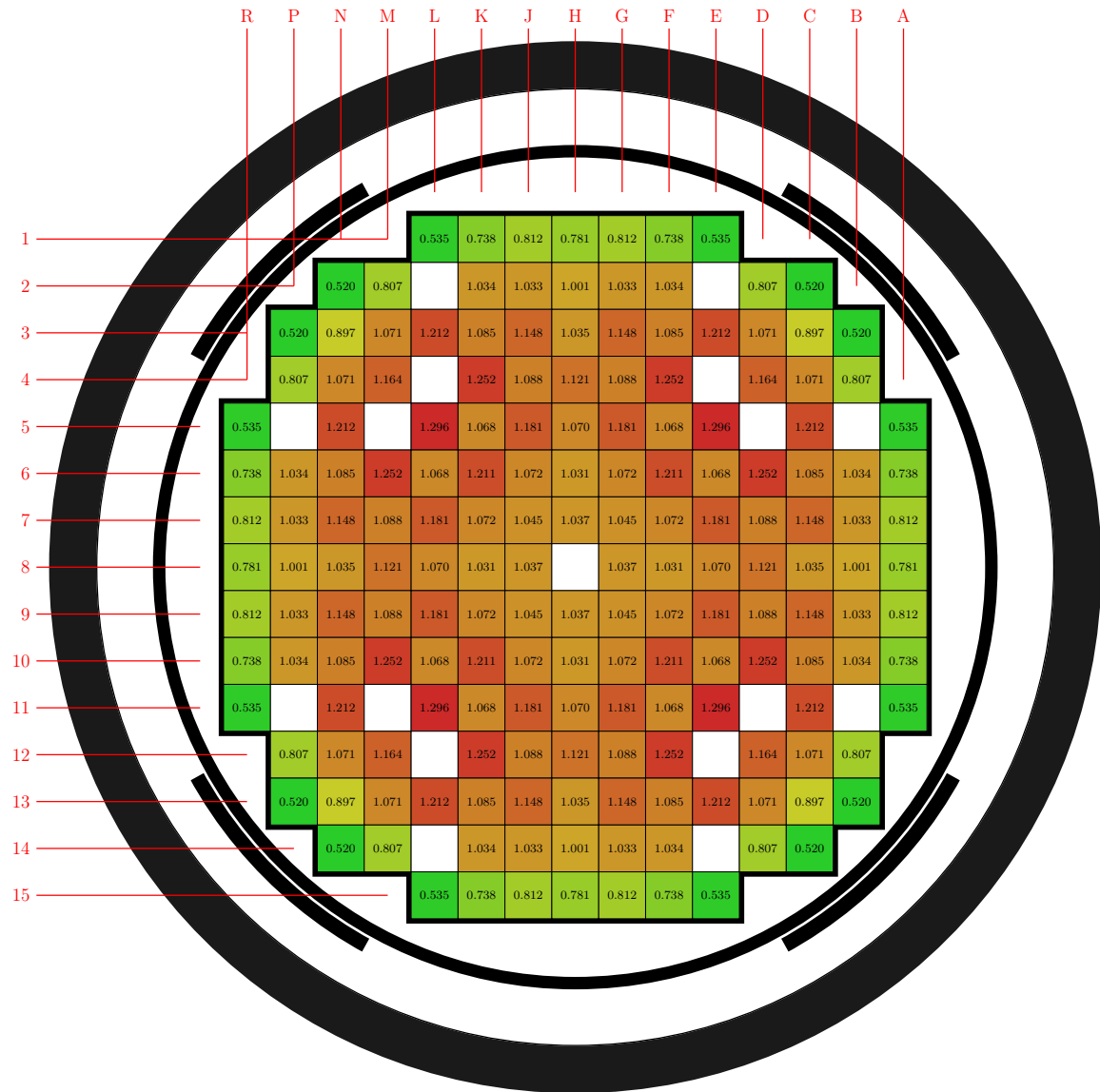


Figure 5: Radial detector measurements (tilt corrected).

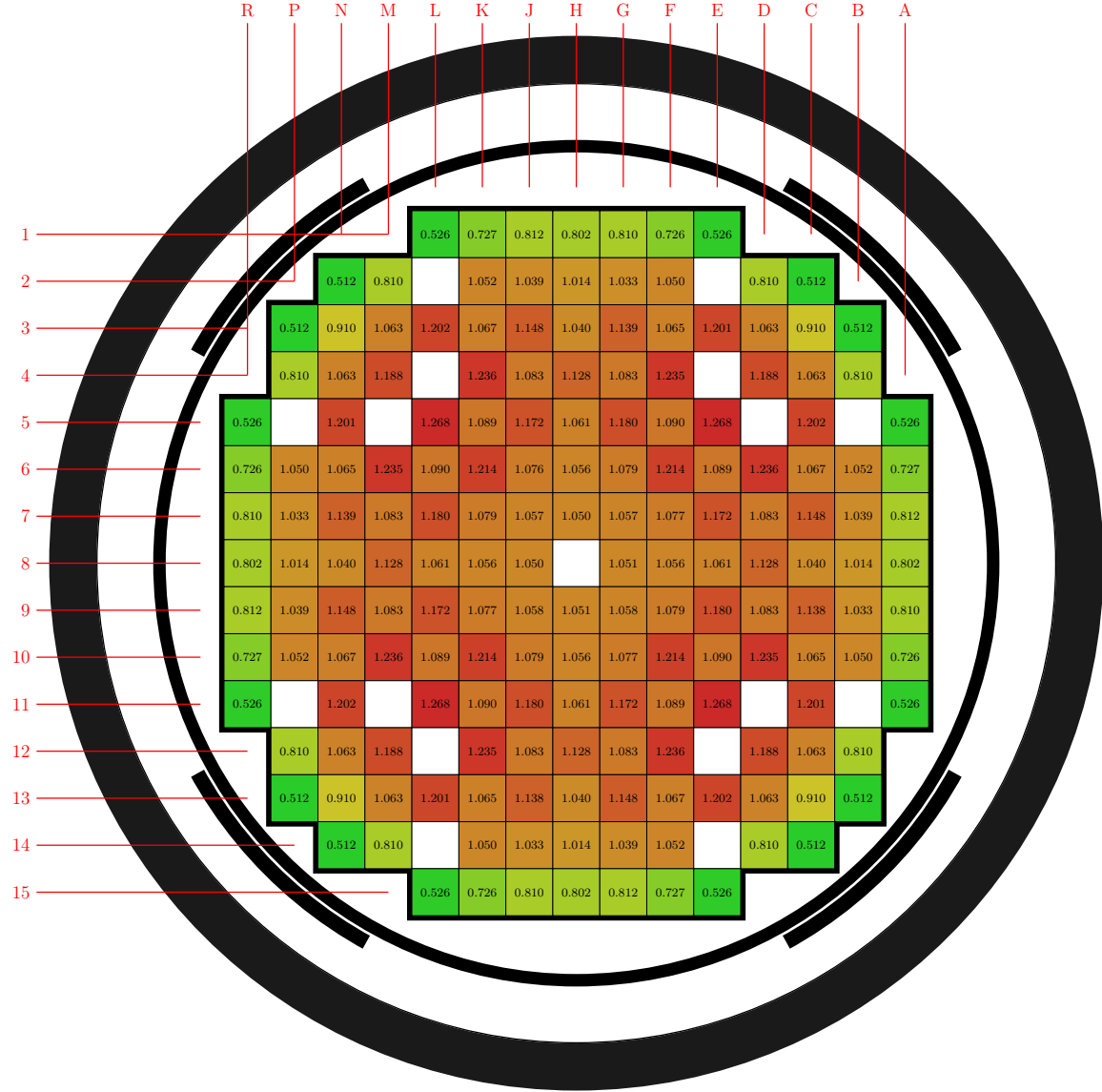


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

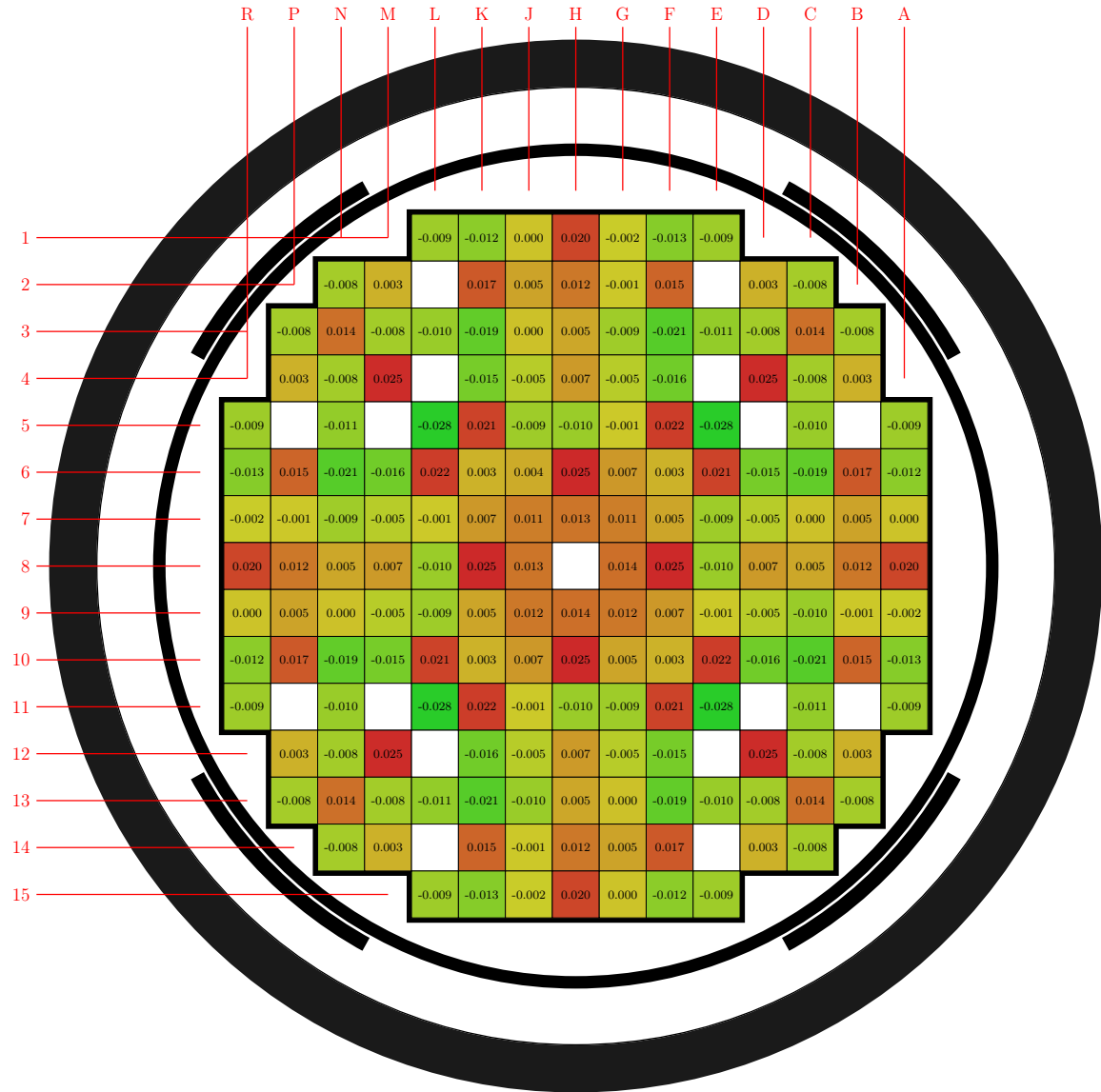


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

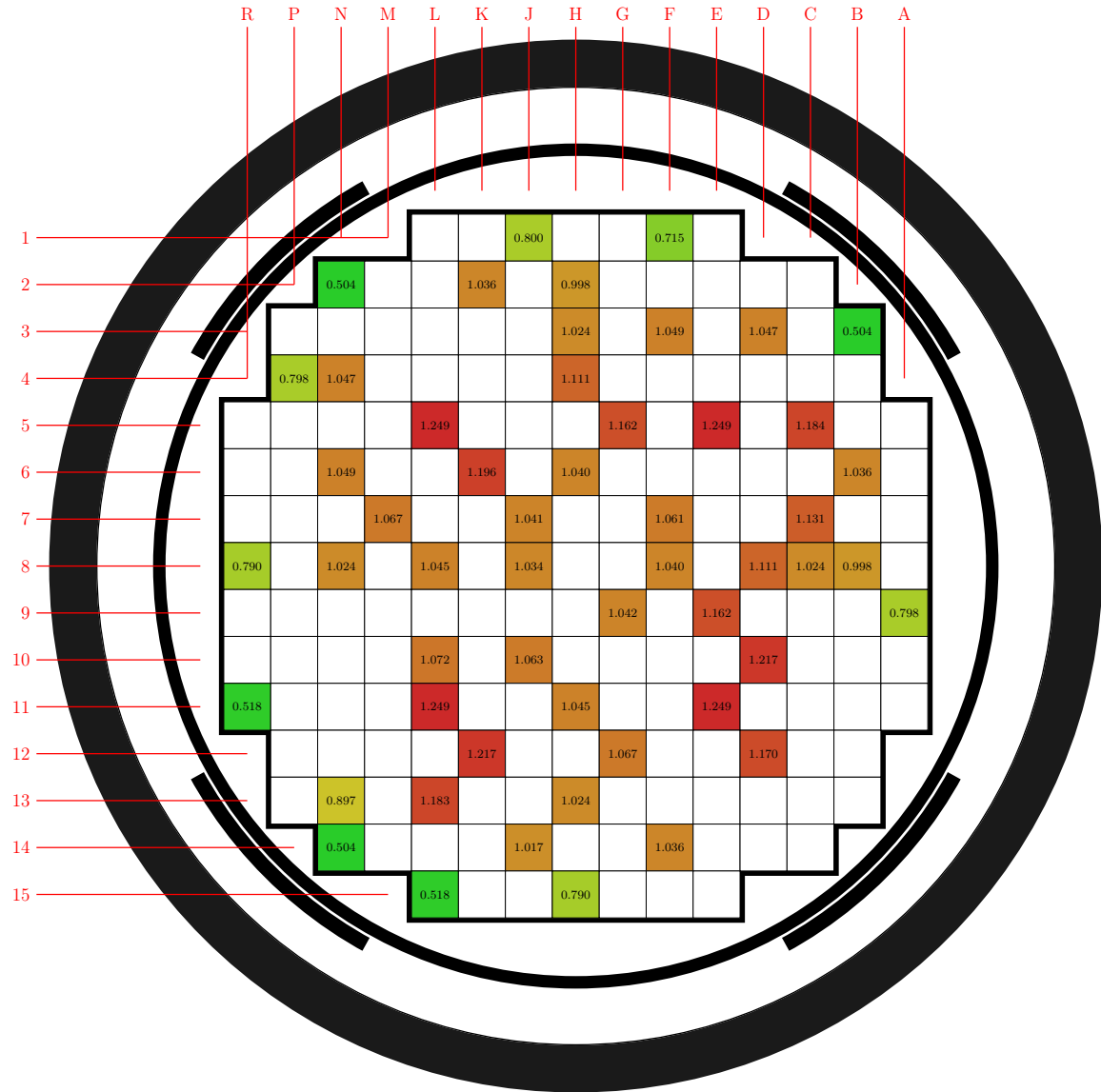


Figure 8: Radial detector measurements (simulate normalized to detector data).

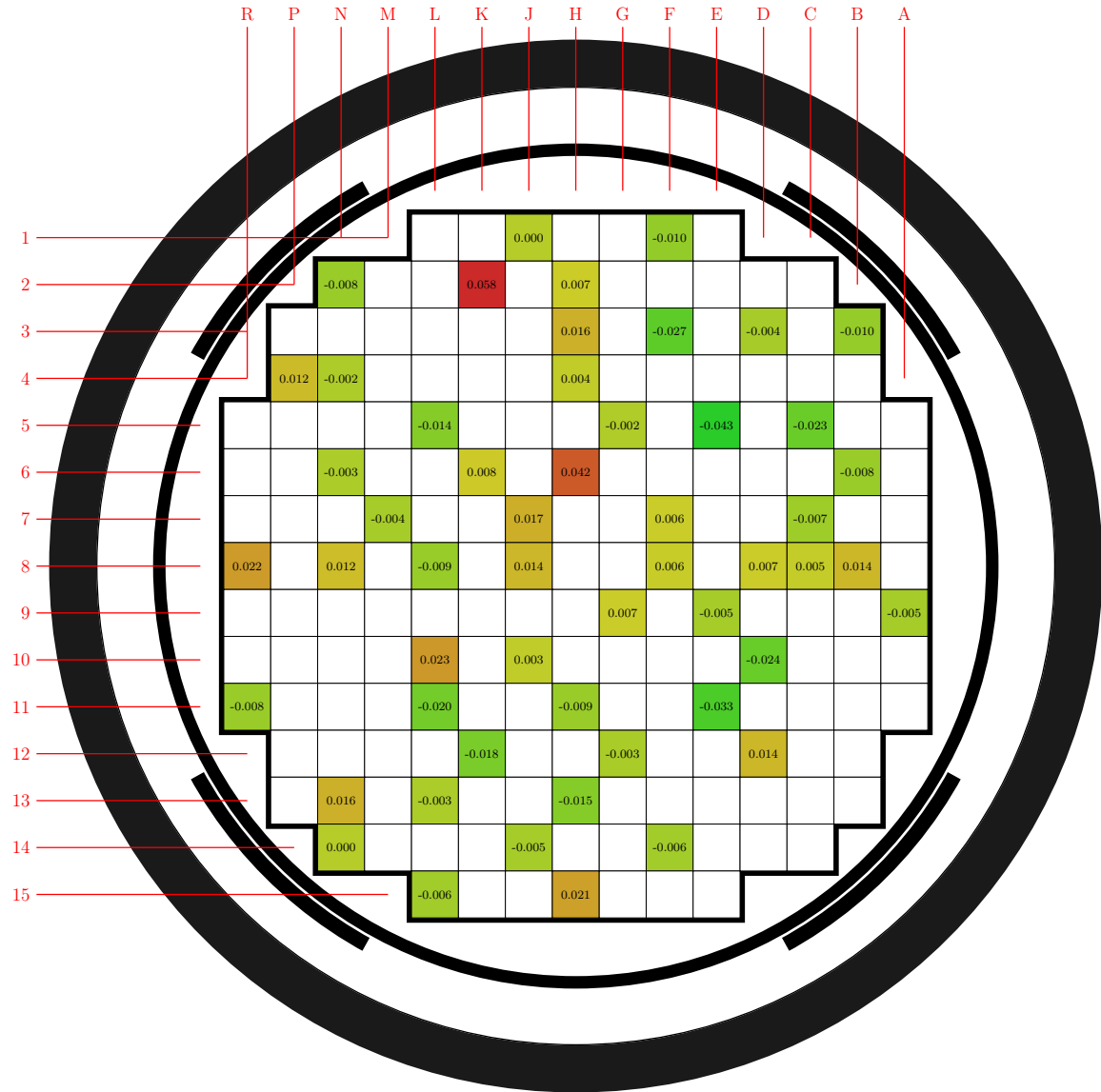


Figure 9: Radial detector absolute difference (simulate minus detector data).