

Measurements taken 18 calendar days since BOC.

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

- 1 741.7 792. 229. 228. 228. 158. 230.
- 2 702.7 798. 229. 228. 228. 159. 230.
- 3 680.1 795. 229. 228. 228. 159. 230.
- 4 697.3 805. 229. 228. 228. 160. 230.
- 5 704.1 809. 229. 228. 228. 160. 230.
- 6 710.6 802. 229. 228. 228. 161. 230.
- 7 692.6 800. 229. 228. 228. 161. 230.
- 8 698.6 802. 229. 228. 228. 161. 230.
- 9 659.3 798. 229. 228. 228. 161. 230.
- 10 698.0 806. 229. 228. 228. 164. 230.
- 11 677.8 800. 229. 228. 228. 165. 230.
- 12 670.9 803. 229. 228. 228. 165. 230.
- 13 675.7 809. 229. 228. 228. 165. 230.
- 14 688.2 800. 229. 228. 228. 165. 230.

Average Power [MWt]: 692.685714286

Inlet Coolant Temperature [°F]: 554.275

Core Burnup [MWD/MT]: 38.7

Average Boron [ppm]: 801.357142857

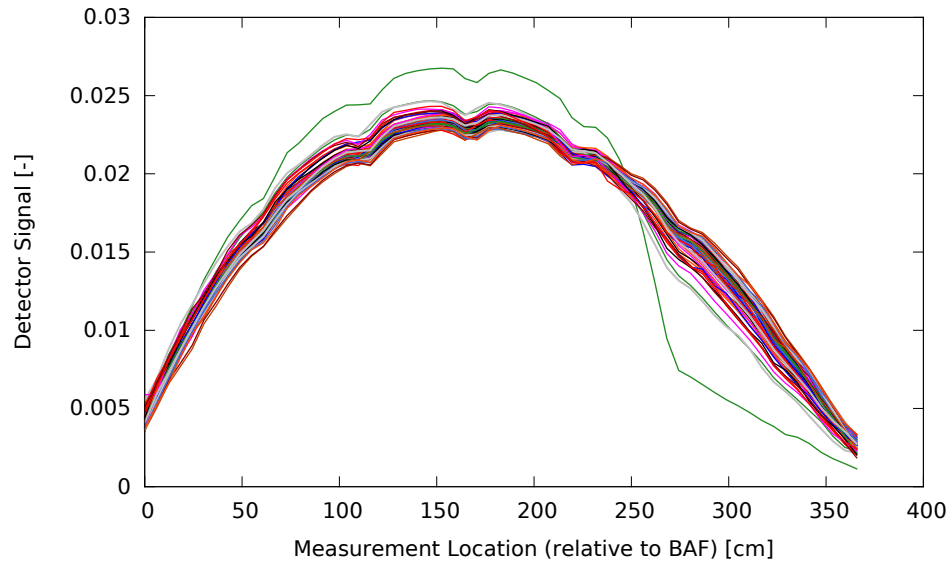


Figure 1: Renormalized data after spline

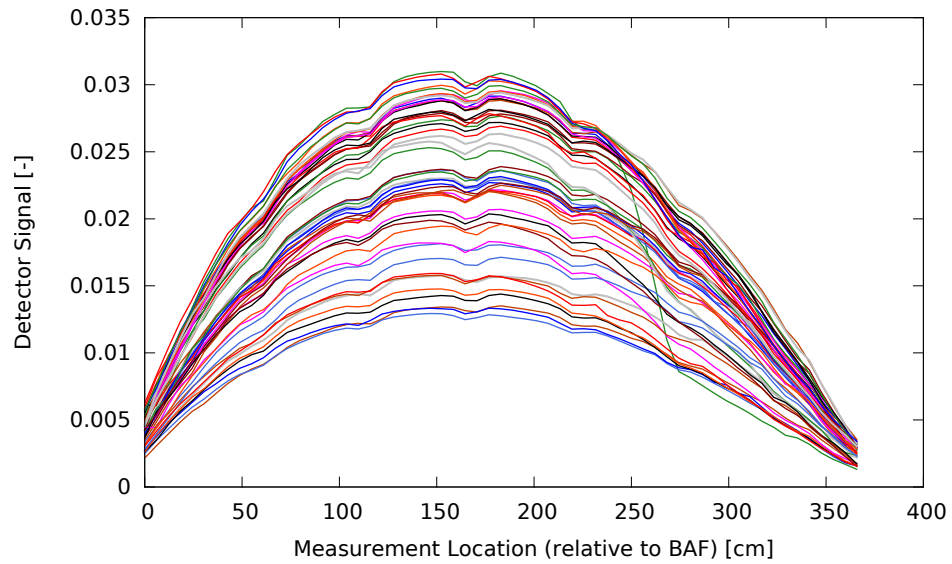


Figure 2: Unnormalized data after spline

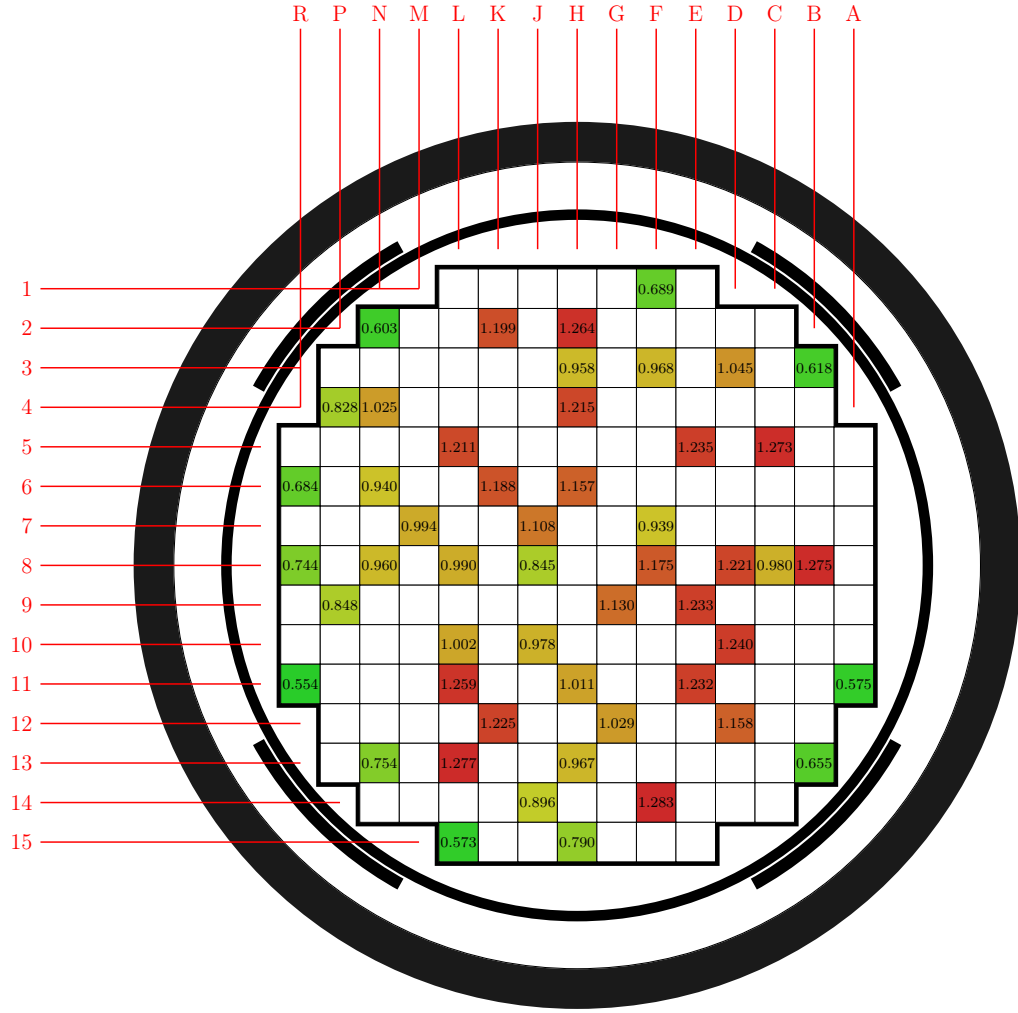


Figure 3: Radial detector measurements (axially integrated).

J1			F1	0.689
N2	0.603		K2	1.199
H2	1.264		H3	0.958
F3	0.968		D3	1.045
B3	0.618		P4	0.828
N4	1.025		H4	1.215
L5	1.211		G5	
E5	1.235		C5	1.273
R6	0.684		N6	0.940
K6	1.188		H6	1.157
B6			M7	0.994
J7	1.108		F7	0.939
C7			R8	0.744
N8	0.960		L8	0.990
J8	0.845		F8	1.175
D8	1.221		C8	0.980
B8	1.275		P9	0.848
G9	1.130		E9	1.233
A9			L10	1.002
J10	0.978		D10	1.240
R11	0.554		L11	1.259
H11	1.011		E11	1.232
A11	0.575		K12	1.225
G12	1.029		D12	1.158
N13	0.754		L13	1.277
H13	0.967		B13	0.655
N14			J14	0.896
F14	1.283		D14	
L15	0.573		H15	0.790

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

	H	G	F	E	D	C	B	A
8		0.845 — 1	1.166 0.012 2	1.001 0.015 2	1.218 0.004 2	0.966 0.010 4	1.270 0.008 2	0.767 0.032 2
9	0.845 — 1	1.119 0.015 2	0.978 — 1	1.233 — 1	0.994 — 1		0.896 — 1	
10	1.166 0.012 2	0.939 — 1	1.188 — 1		1.233 0.010 2	0.954 0.020 2		0.686 0.004 2
11	1.001 0.015 2		1.002 — 1	1.234 0.020 4		1.277 — 1		0.574 0.002 2
12	1.218 0.004 2	1.029 — 1			1.158 — 1	1.035 0.014 2	0.828 — 1	
13	0.966 0.010 4			1.273 — 1		0.754 — 1	0.655 — 1	
14	1.270 0.008 2	0.848 — 1	1.241 0.059 2			0.611 0.011 2		
15	0.767 0.032 2			0.554 — 1				

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

H9	0.845		D10	1.233
D12	1.158		E11	1.234
E13	1.273		E15	0.554
B12	0.828		B13	0.655
C13	0.754		C12	1.035
C11	1.277		C10	0.954
F9	0.978		F8	1.166
C14	0.611		F11	1.002
A11	0.574		A10	0.686
F14	1.241		E8	1.001
E9	1.233		H10	1.166
H11	1.001		H12	1.218
H13	0.966		H14	1.270
H15	0.767		D9	0.994
D8	1.218		C8	0.966
B9	0.896		B8	1.270
G14	0.848		G12	1.029
G10	0.939		A8	0.767
F10	1.188		G8	0.845
G9	1.119			

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

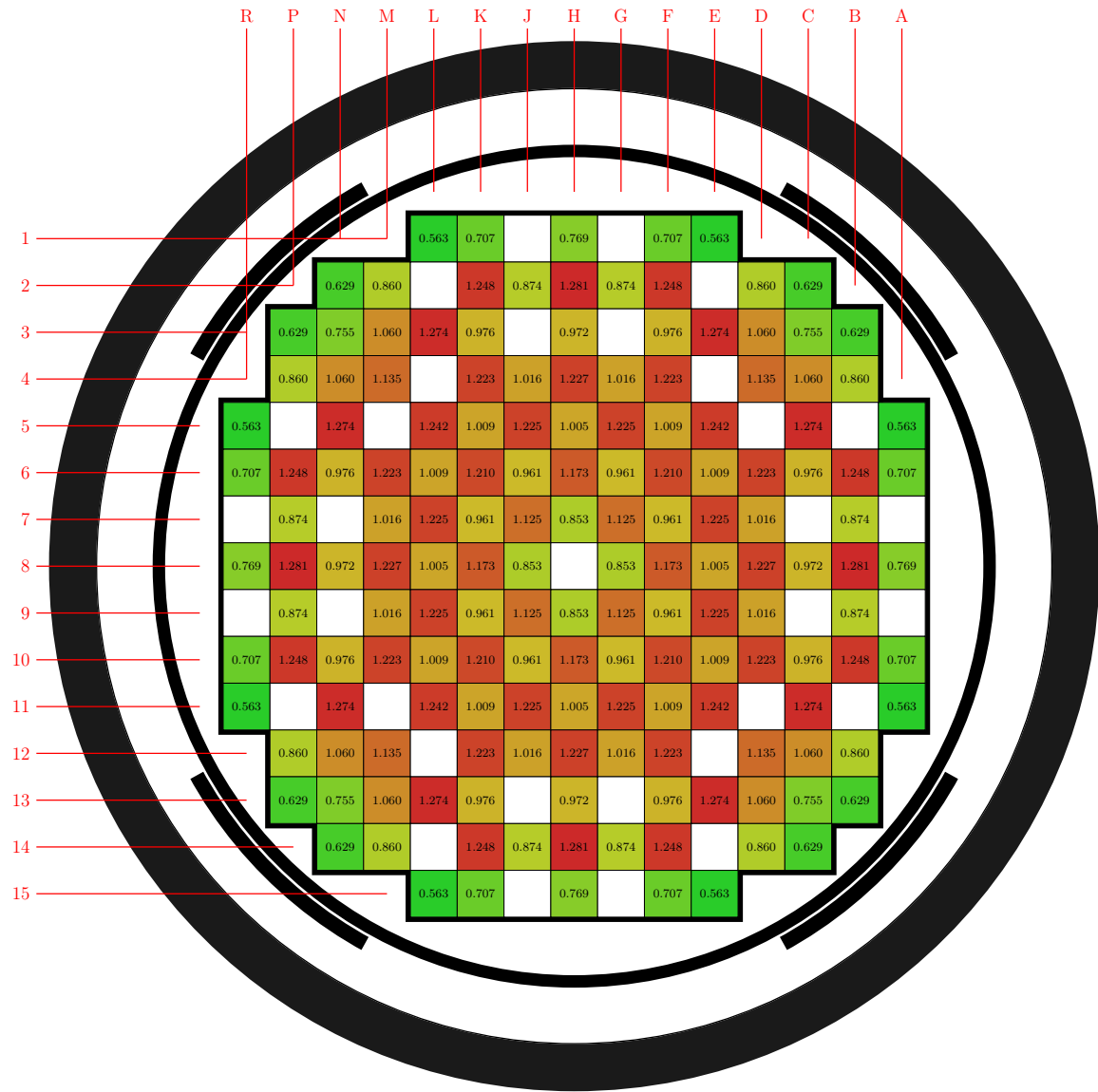


Figure 5: Radial detector measurements (tilt corrected).

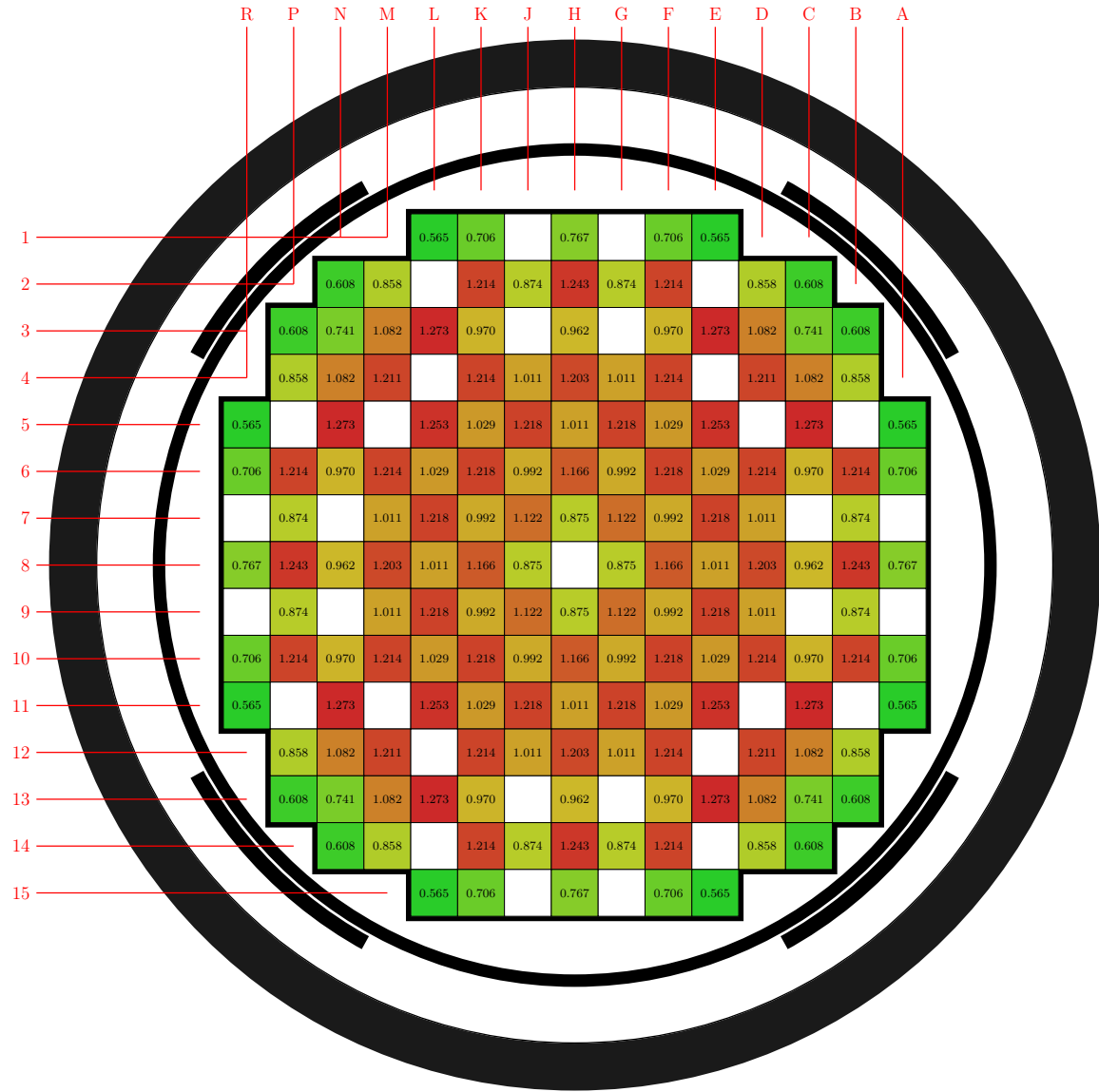


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

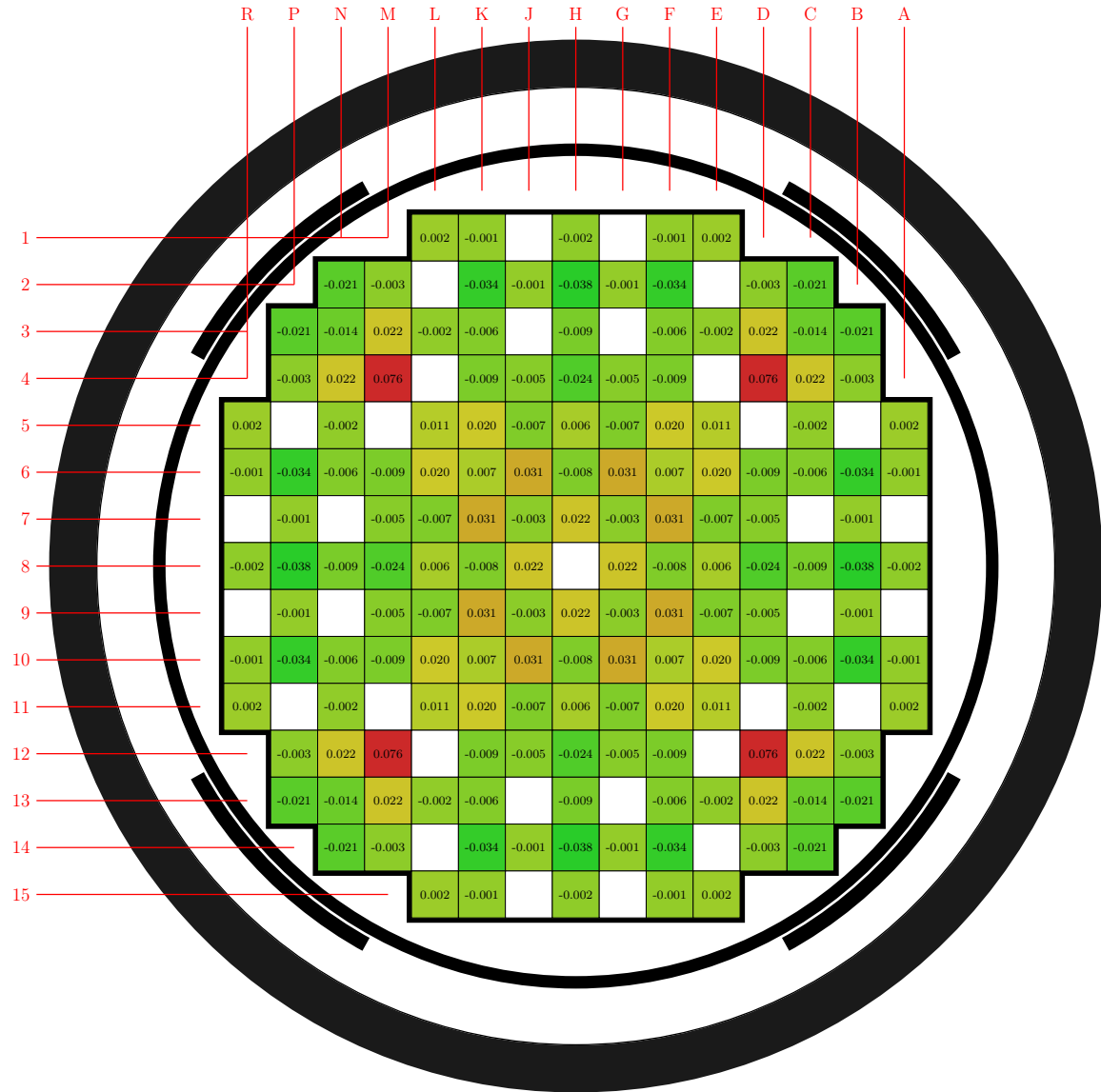


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).



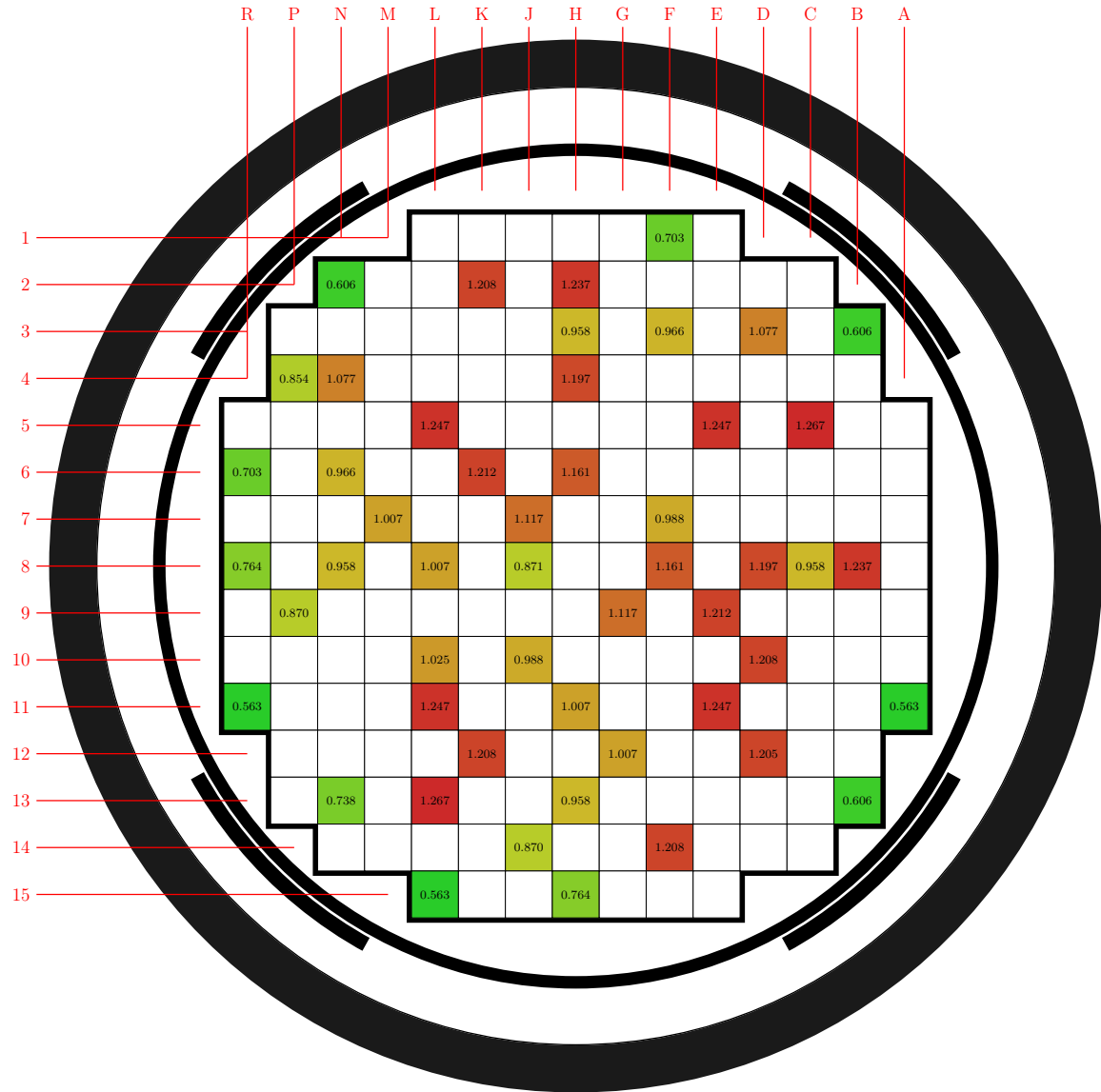


Figure 8: Radial detector measurements (simulate normalized to detector data).

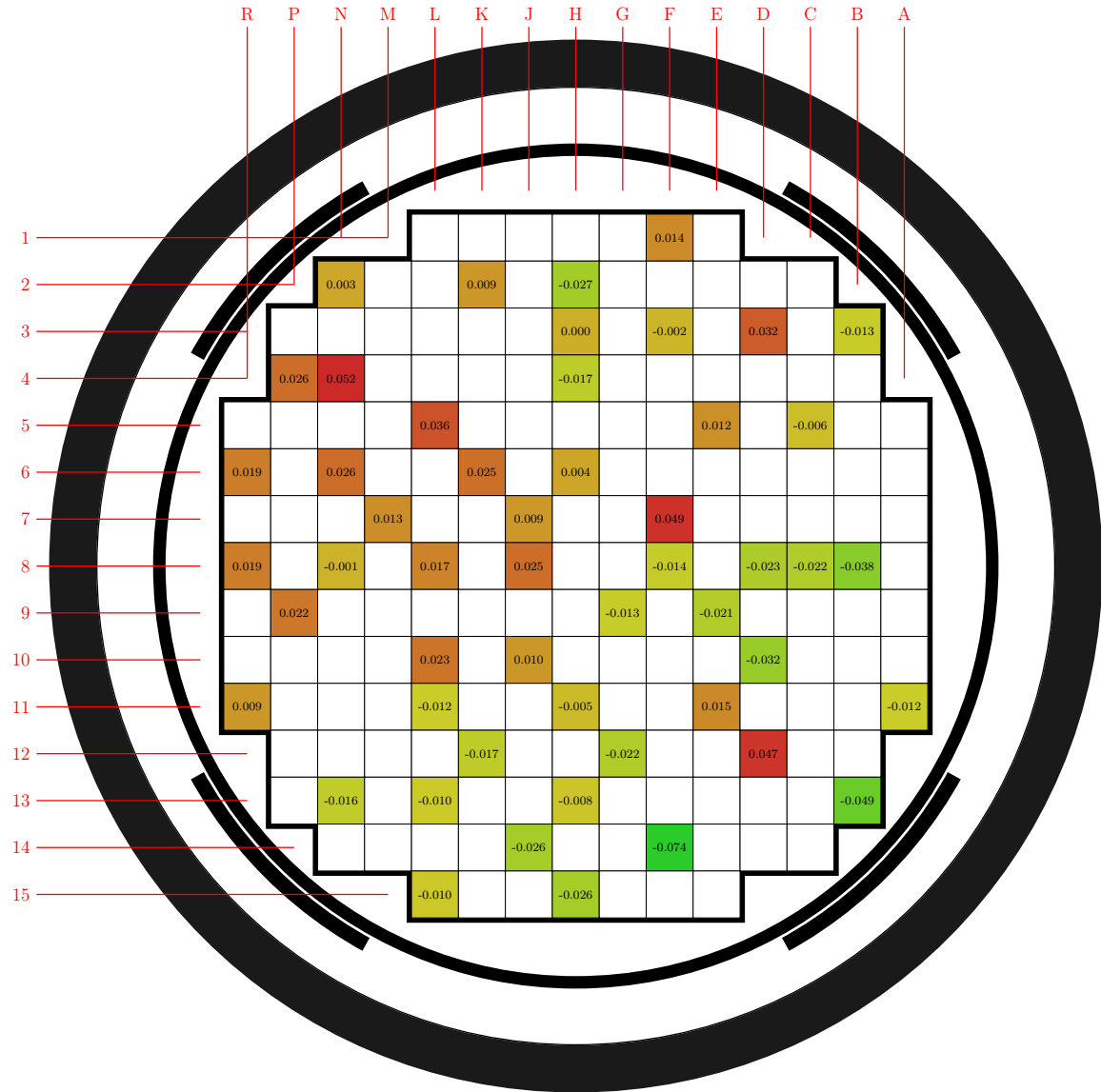


Figure 9: Radial detector absolute difference (simulate minus detector data).