

Measurements taken 266 calendar days since BOC.

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

- 1 3411.3 215. 228. 228. 228. 210. 230.
- 2 3406.4 215. 228. 228. 228. 210. 230.
- 3 3408.3 215. 228. 228. 228. 210. 230.
- 4 3396.4 215. 228. 228. 228. 210. 230.
- 5 3409.0 215. 228. 228. 228. 210. 230.
- 6 3412.8 215. 228. 228. 228. 210. 230.
- 7 3403.9 215. 228. 228. 228. 210. 230.
- 8 3414.1 215. 228. 228. 228. 210. 230.
- 9 3405.0 215. 228. 228. 228. 210. 230.
- 10 3400.7 215. 228. 228. 228. 210. 230.
- 11 3409.2 215. 228. 228. 228. 210. 230.
- 12 3412.8 215. 228. 228. 228. 210. 230.
- 13 3415.8 215. 228. 228. 228. 210. 230.
- 14 3405.8 215. 228. 228. 228. 210. 230.

Average Power [MWt]: 3407.96428571

Inlet Coolant Temperature [°F]: 561.375

Core Burnup [MWD/MT]: 9356.7

Average Boron [ppm]: 215.0

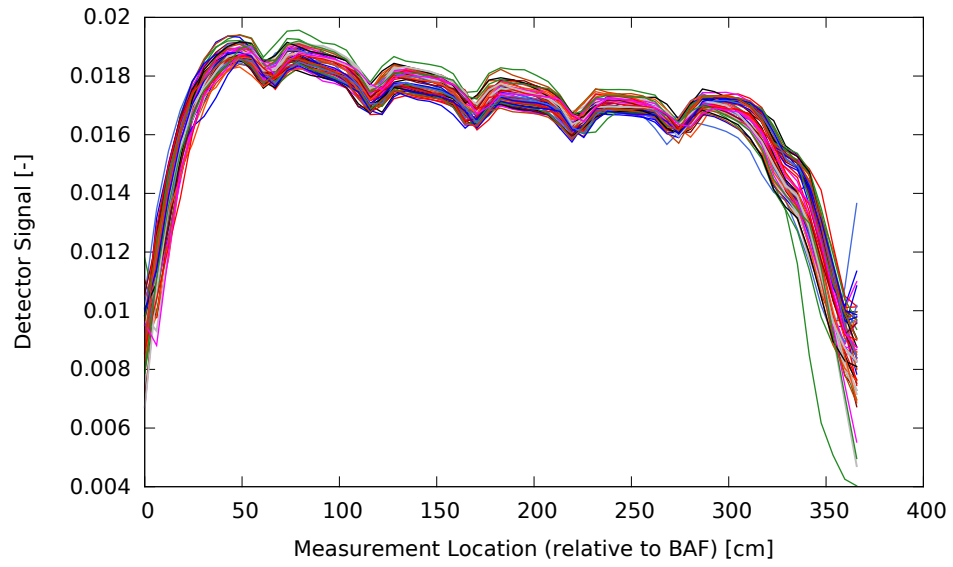


Figure 1: Renormalized data after spline

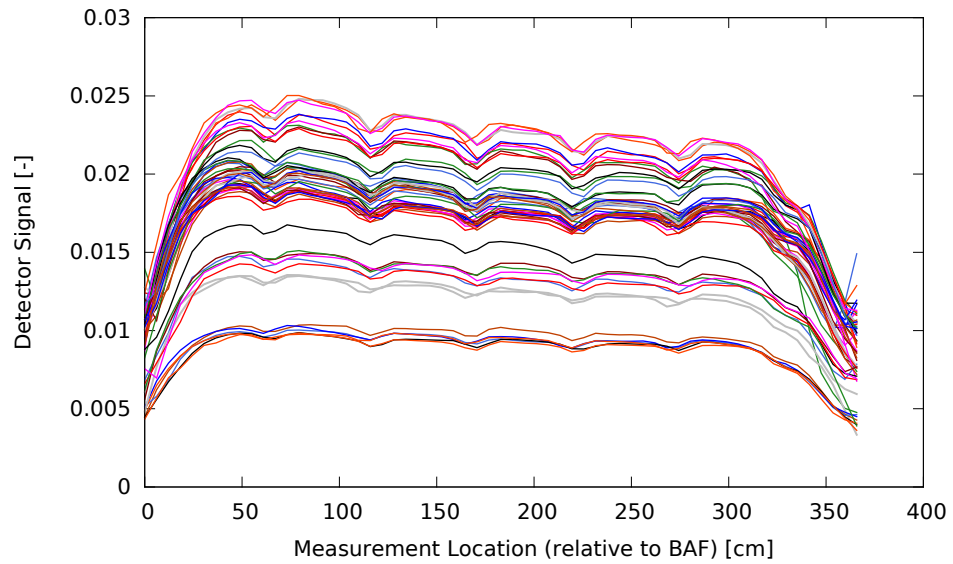


Figure 2: Unnormalized data after spline

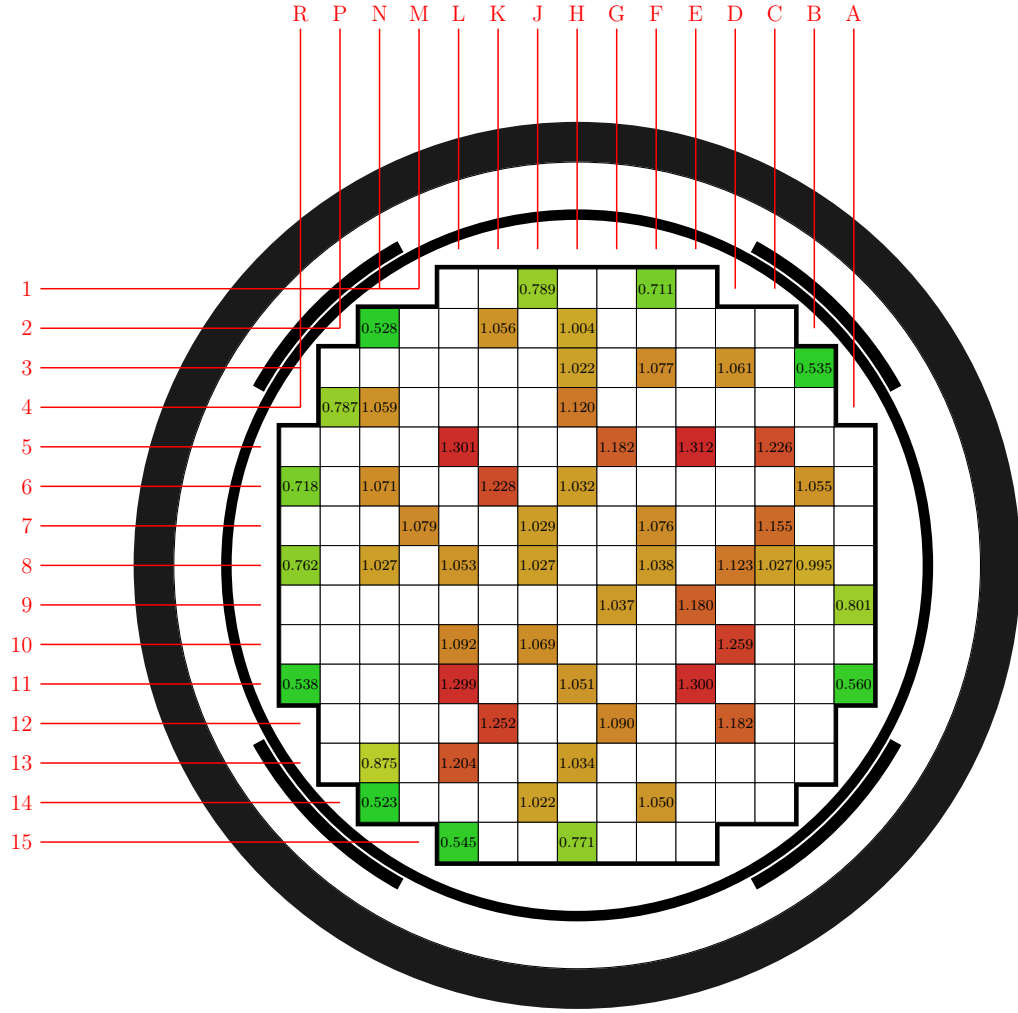


Figure 3: Radial detector measurements (axially integrated).

J1	0.789		F1	0.711
N2	0.528		K2	1.056
H2	1.004		H3	1.022
F3	1.077		D3	1.061
B3	0.535		P4	0.787
N4	1.059		H4	1.120
L5	1.301		G5	1.182
E5	1.312		C5	1.226
R6	0.718		N6	1.071
K6	1.228		H6	1.032
B6	1.055		M7	1.079
J7	1.029		F7	1.076
C7	1.155		R8	0.762
N8	1.027		L8	1.053
J8	1.027		F8	1.038
D8	1.123		C8	1.027
B8	0.995		G9	1.037
E9	1.180		A9	0.801
L10	1.092		J10	1.069
D10	1.259		R11	0.538
L11	1.299		H11	1.051
E11	1.300		A11	0.560
K12	1.252		G12	1.090
D12	1.182		N13	0.875
L13	1.204		H13	1.034
N14	0.523		J14	1.022
F14	1.050		L15	0.545
H15	0.771			

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

	H	G	F	E	D	C	B	A
8		1.027 — 1	1.035 0.004 2	1.052 0.002 2	1.122 0.002 2	1.027 0.005 4	1.000 0.006 2	0.767 0.007 2
9	1.027 — 1	1.033 0.006 2	1.069 — 1	1.181 0.002 2	1.079 — 1		1.022 — 1	0.801 — 1
10	1.035 0.004 2	1.076 — 1	1.228 — 1		1.256 0.005 2	1.074 0.004 2		0.714 0.005 2
11	1.052 0.002 2		1.092 — 1	1.303 0.006 4		1.204 — 1		0.553 0.010 2
12	1.122 0.002 2	1.090 — 1			1.182 — 1	1.060 0.001 2	0.787 — 1	
13	1.027 0.005 4	1.155 — 1		1.226 — 1		0.875 — 1	0.523 — 1	
14	1.000 0.006 2		1.054 0.003 3			0.532 0.005 2		
15	0.767 0.007 2	0.789 — 1		0.538 — 1				

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

H9	1.027		D10	1.256
D12	1.182		E11	1.303
E13	1.226		E15	0.538
B12	0.787		B13	0.523
C13	0.875		C12	1.060
C11	1.204		C10	1.074
F9	1.069		F8	1.035
C14	0.532		F11	1.092
A11	0.553		A10	0.714
F14	1.054		E8	1.052
E9	1.181		H10	1.035
H11	1.052		H12	1.122
H13	1.027		H14	1.000
H15	0.767		D9	1.079
D8	1.122		C8	1.027
B9	1.022		B8	1.000
G15	0.789		G13	1.155
G12	1.090		G10	1.076
A8	0.767		A9	0.801
F10	1.228		G8	1.027
G9	1.033			

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

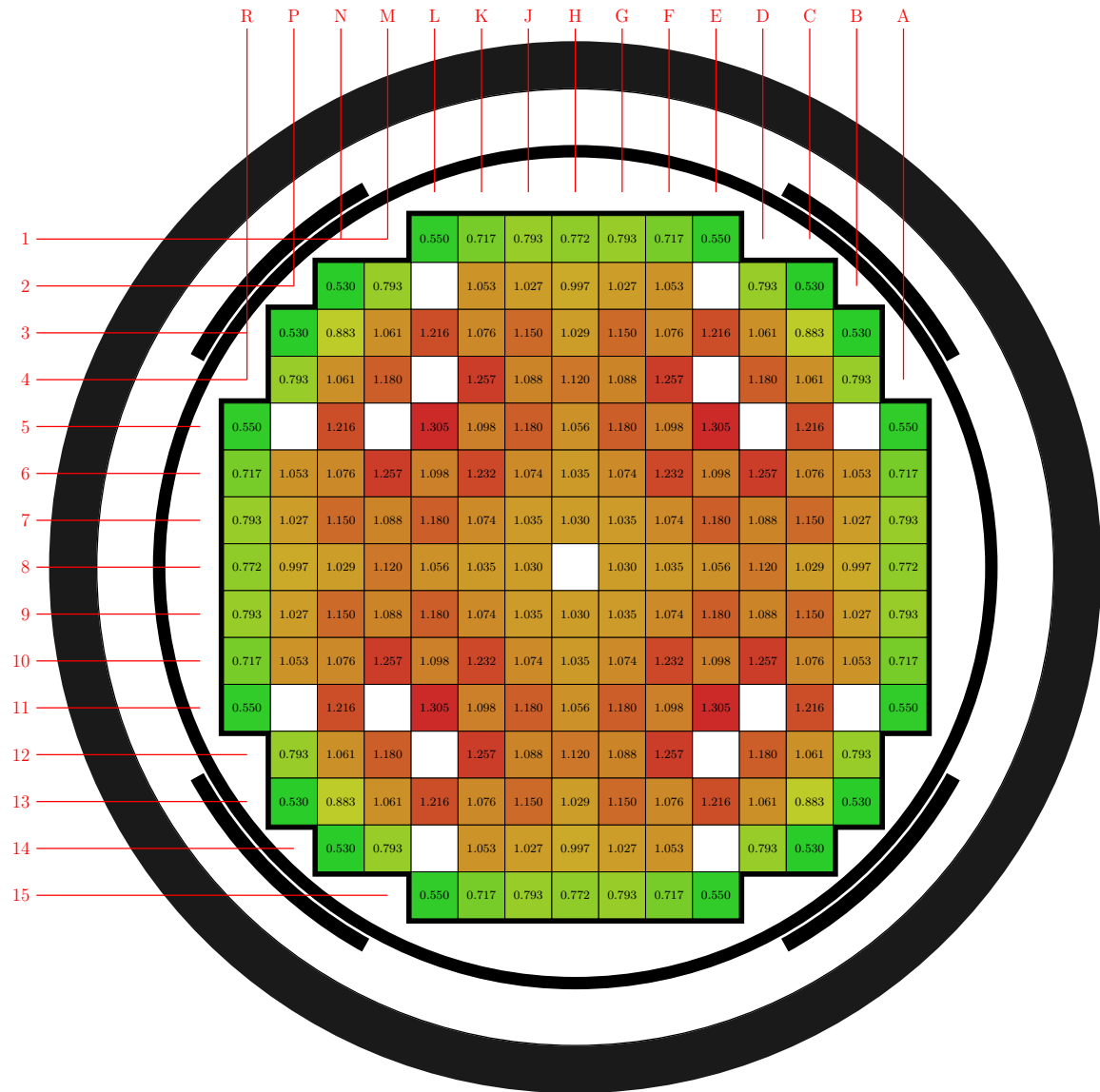


Figure 5: Radial detector measurements (tilt corrected).

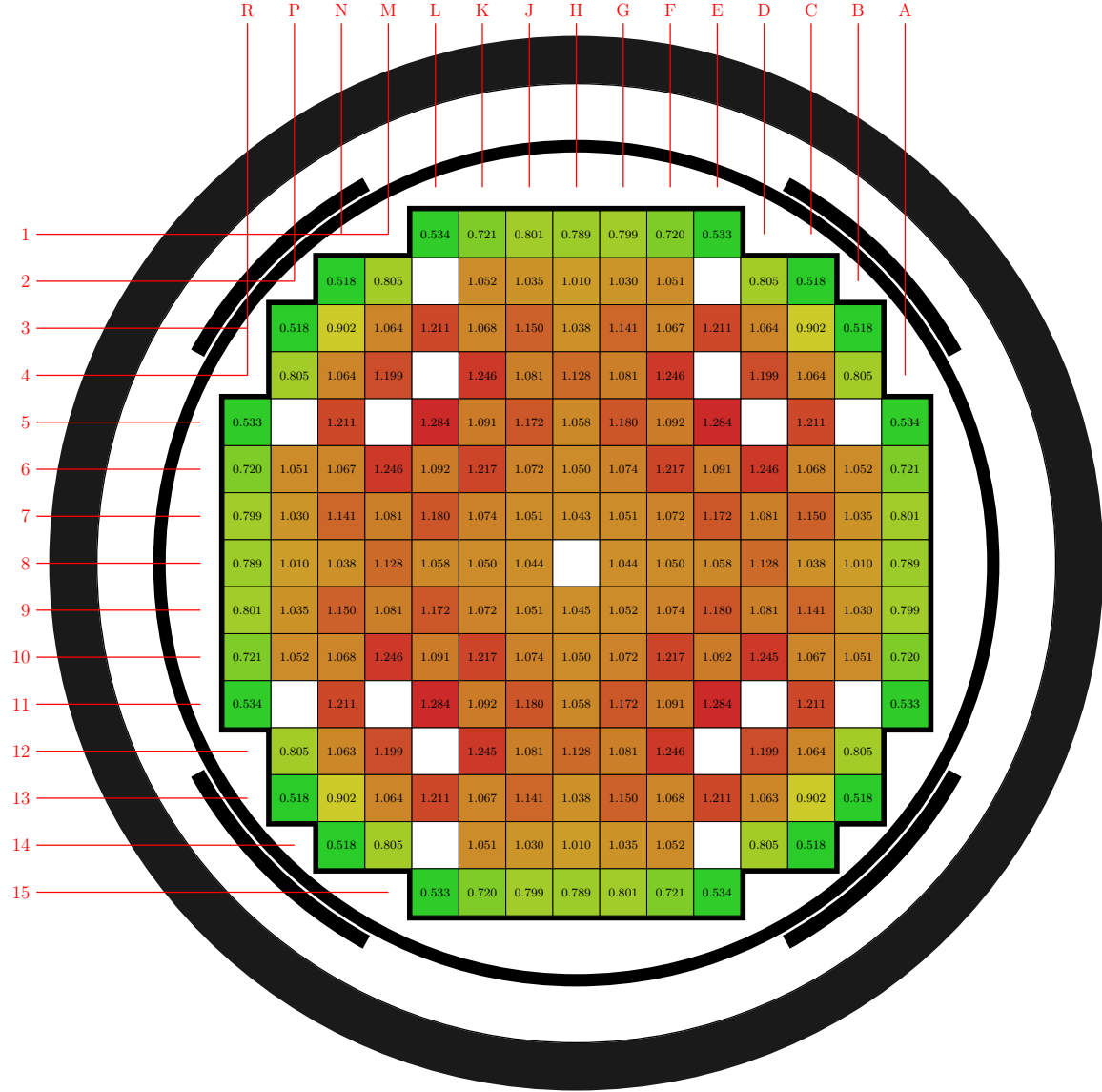


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

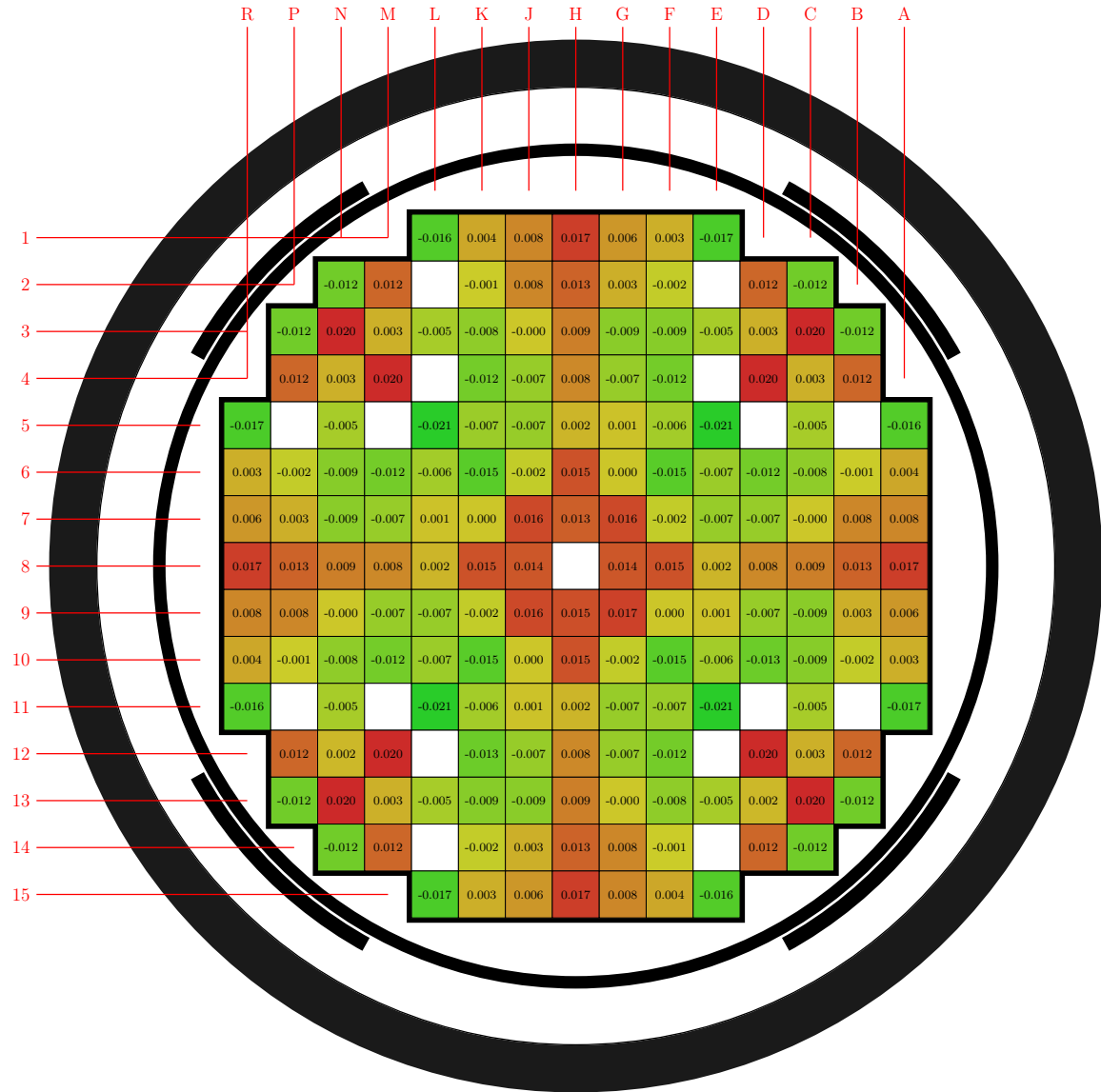


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

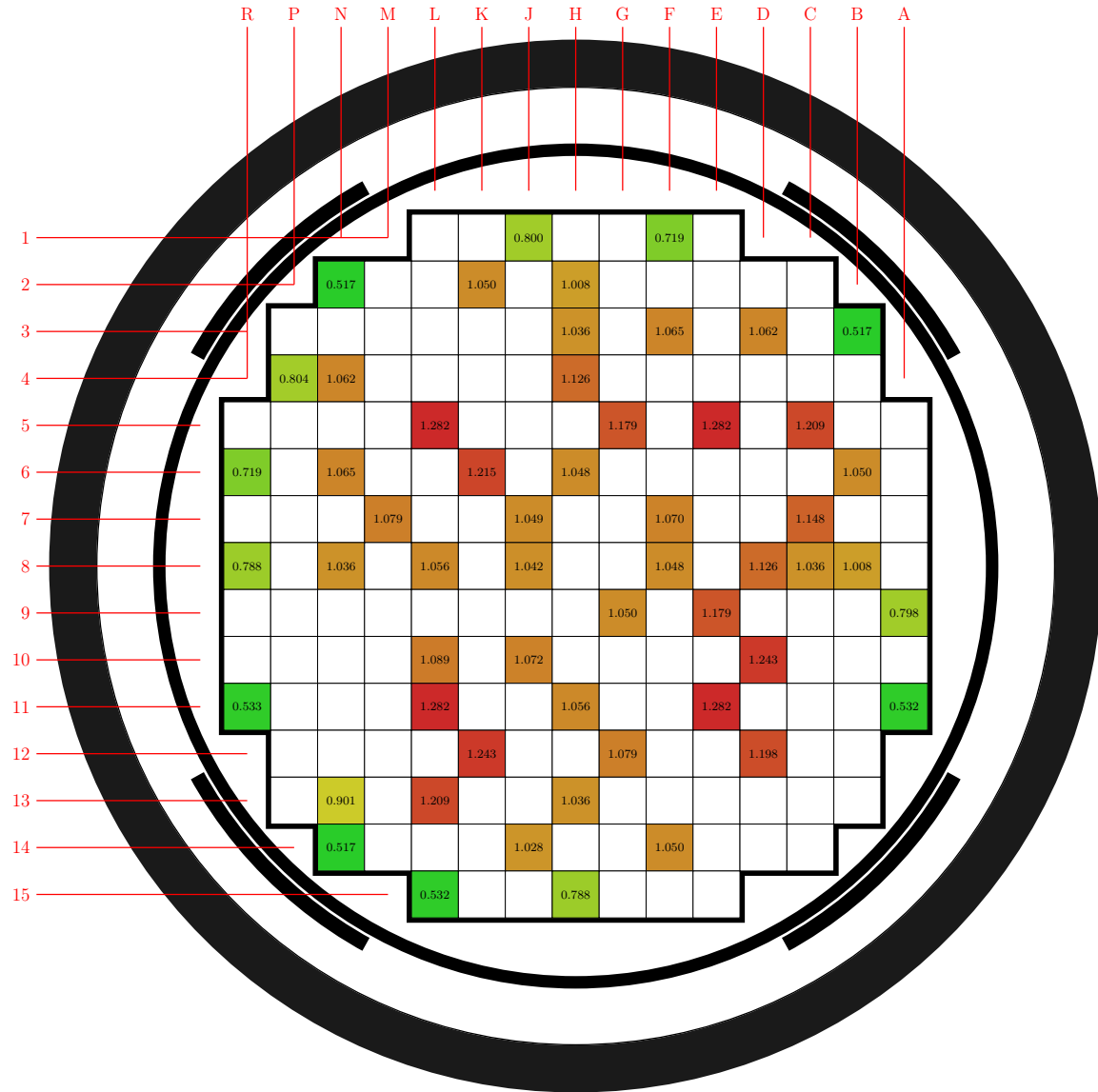


Figure 8: Radial detector measurements (simulate normalized to detector data).

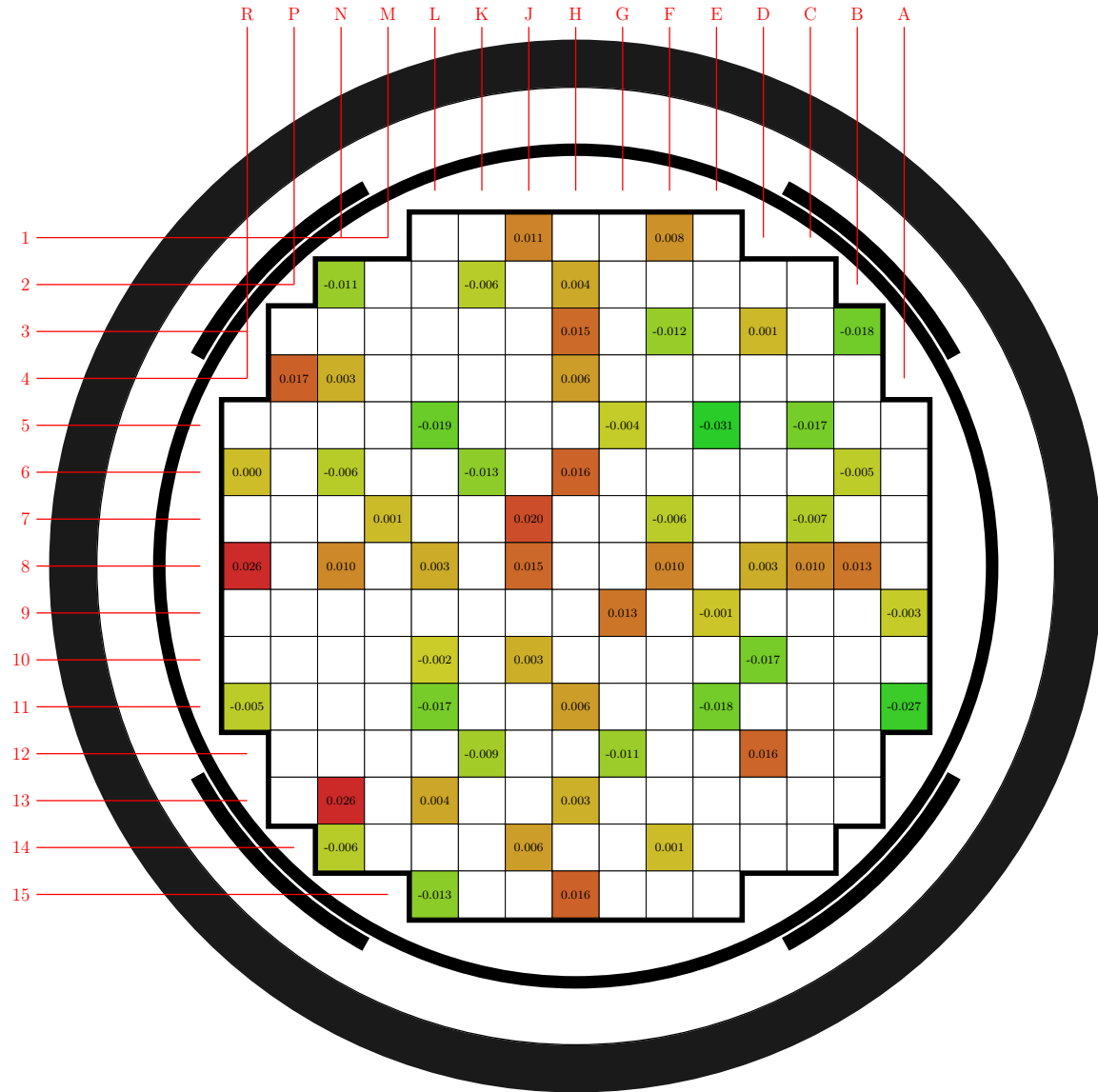


Figure 9: Radial detector absolute difference (simulate minus detector data).