

Measurements taken 161 calendar days since BOC.

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

- 1 2188.3 695. 228. 228. 228. 187. 230.
- 2 2190.6 692. 228. 228. 228. 187. 230.
- 3 2190.4 703. 228. 228. 228. 187. 230.
- 4 2192.1 702. 228. 228. 228. 187. 230.
- 5 2199.9 698. 228. 228. 228. 187. 230.
- 6 2202.5 700. 228. 228. 228. 187. 230.
- 7 2205.3 705. 228. 228. 228. 187. 230.
- 8 2212.2 700. 228. 228. 228. 187. 230.
- 9 2215.0 702. 228. 228. 228. 187. 230.
- 10 2218.7 702. 228. 228. 228. 187. 230.
- 11 2220.6 702. 228. 228. 228. 187. 230.
- 15 2231.0 700. 228. 228. 228. 187. 230.

Average Power [MWt]: 2205.55

Inlet Coolant Temperature [°F]: 556.4

Core Burnup [MWD/MT]: 1295.5

Average Boron [ppm]: 700.083333333

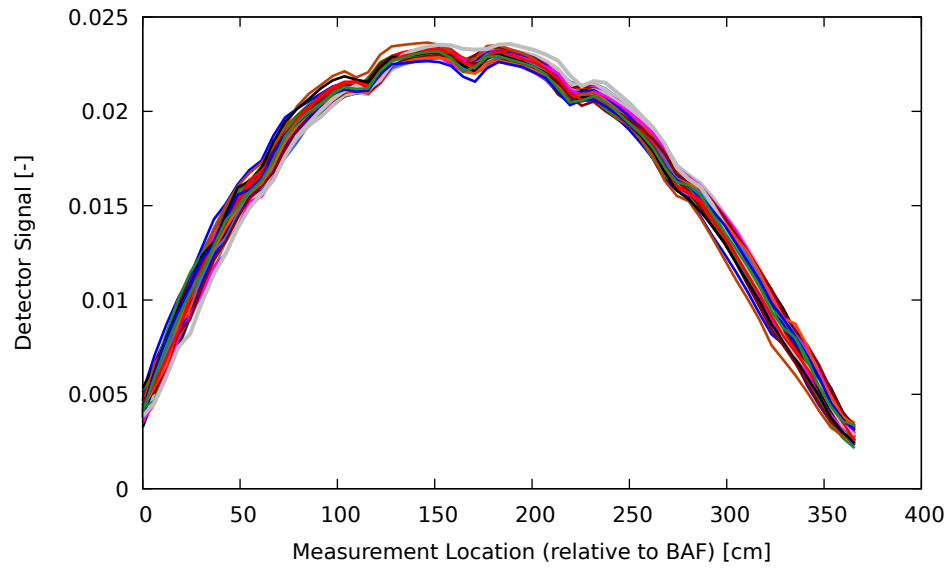


Figure 1: Renormalized data after spline

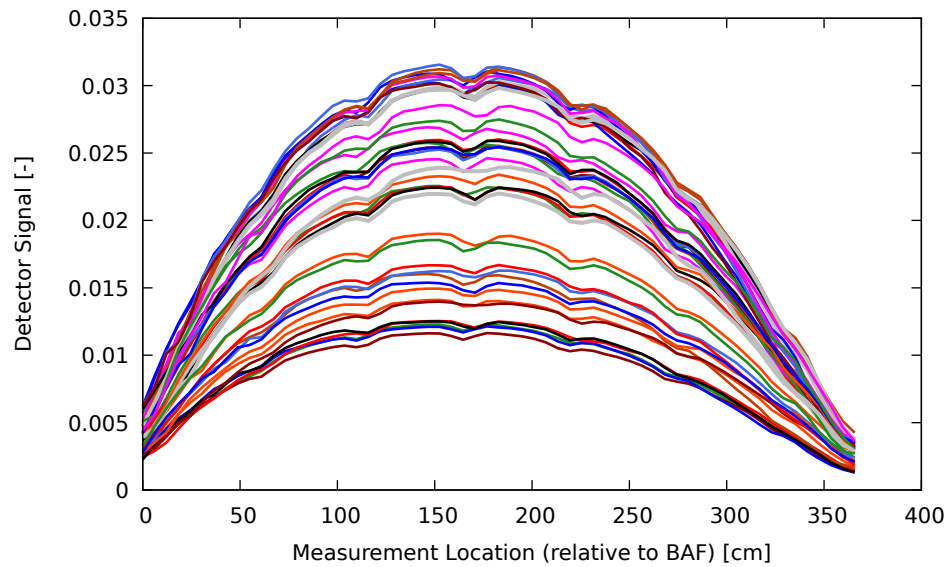


Figure 2: Unnormalized data after spline

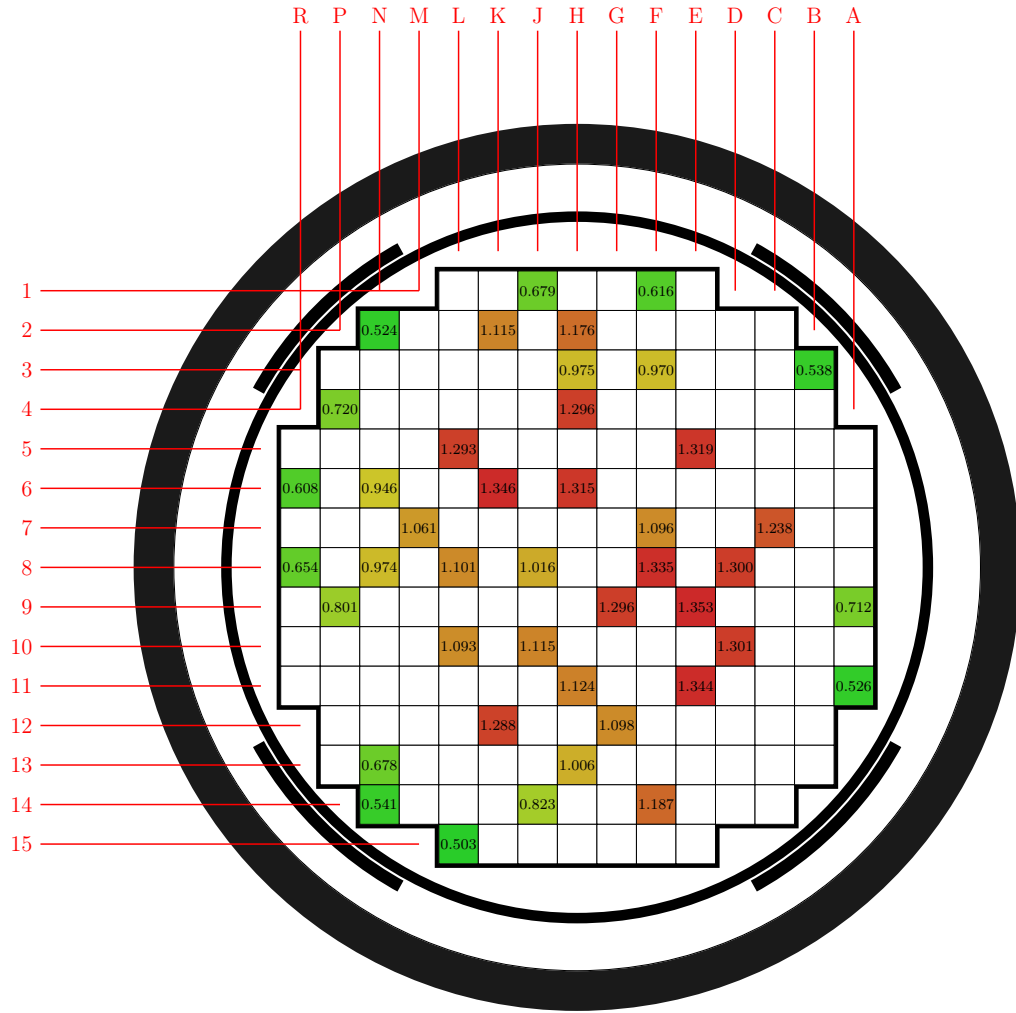


Figure 3: Radial detector measurements (axially integrated).

J1	0.679		F1	0.616
N2	0.524		K2	1.115
H2	1.176		H3	0.975
F3	0.970		D3	
B3	0.538		P4	0.720
N4			H4	1.296
L5	1.293		G5	
E5	1.319		C5	
R6	0.608		N6	0.946
K6	1.346		H6	1.315
B6			M7	1.061
J7			F7	1.096
C7	1.238		R8	0.654
N8	0.974		L8	1.101
J8	1.016		F8	1.335
D8	1.300		C8	
B8			P9	0.801
G9	1.296		E9	1.353
A9	0.712		L10	1.093
J10	1.115		D10	1.301
R11			L11	
H11	1.124		E11	1.344
A11	0.526		K12	1.288
G12	1.098		D12	
N13	0.678		L13	
H13	1.006		B13	
N14	0.541		J14	0.823
F14	1.187		D14	
L15	0.503		H15	

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

	H	G	F	E	D	C	B	A
8		1.016 — 1	1.325 0.014 2	1.112 0.017 2	1.298 0.003 2	0.985 0.018 3	1.176 — 1	0.654 — 1
9	1.016 — 1	1.296 — 1	1.115 — 1	1.353 — 1	1.061 — 1		0.823 — 1	0.712 — 1
10	1.325 0.014 2	1.096 — 1	1.346 — 1		1.294 0.009 2	0.958 0.018 2		0.612 0.006 2
11	1.112 0.017 2		1.093 — 1	1.319 0.025 3				0.515 0.016 2
12	1.298 0.003 2	1.098 — 1					0.720 — 1	
13	0.985 0.018 3	1.238 — 1				0.678 — 1	0.541 — 1	
14	1.176 — 1	0.801 — 1	1.151 0.051 2			0.531 0.010 2		
15	0.654 — 1	0.679 — 1						

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

H9	1.016		D10	1.294
E11	1.319		B12	0.720
B13	0.541		C13	0.678
C10	0.958		F9	1.115
F8	1.325		C14	0.531
F11	1.093		A11	0.515
A10	0.612		F14	1.151
E8	1.112		E9	1.353
H10	1.325		H11	1.112
H12	1.298		H13	0.985
H14	1.176		H15	0.654
D9	1.061		D8	1.298
C8	0.985		B9	0.823
B8	1.176		G15	0.679
G14	0.801		G13	1.238
G12	1.098		G10	1.096
A8	0.654		A9	0.712
F10	1.346		G8	1.016
G9	1.296			

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

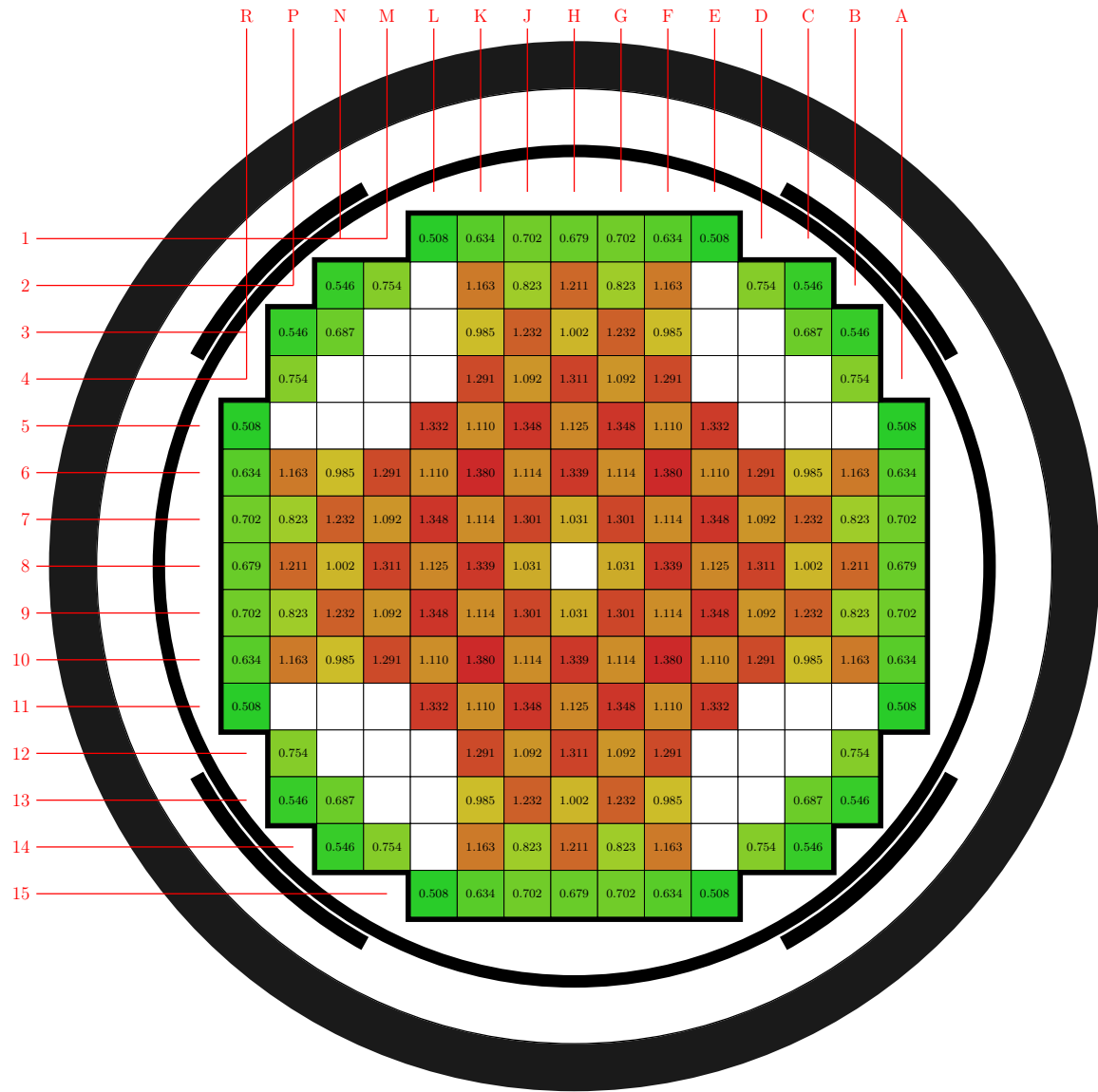


Figure 5: Radial detector measurements (tilt corrected).

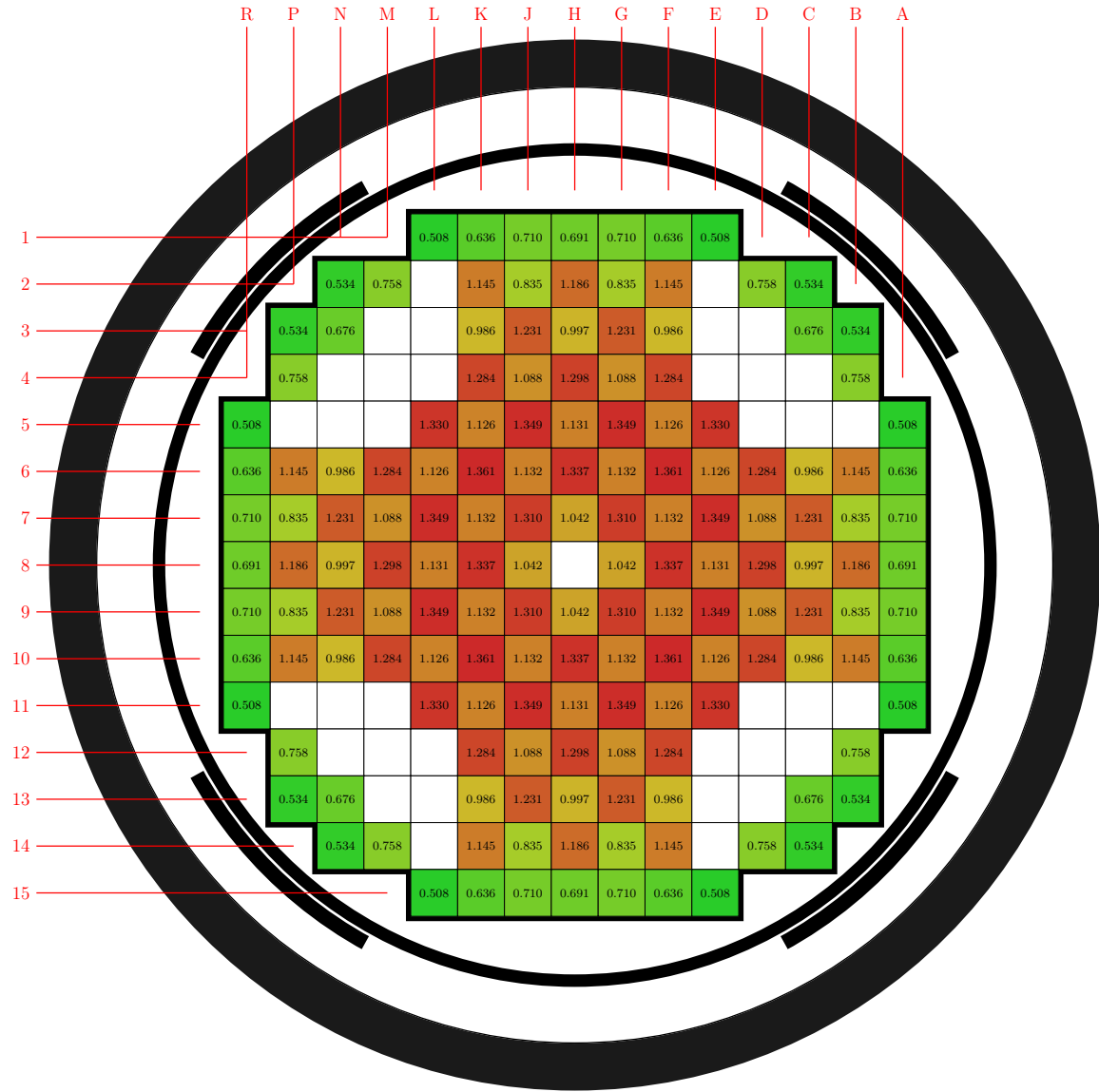


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

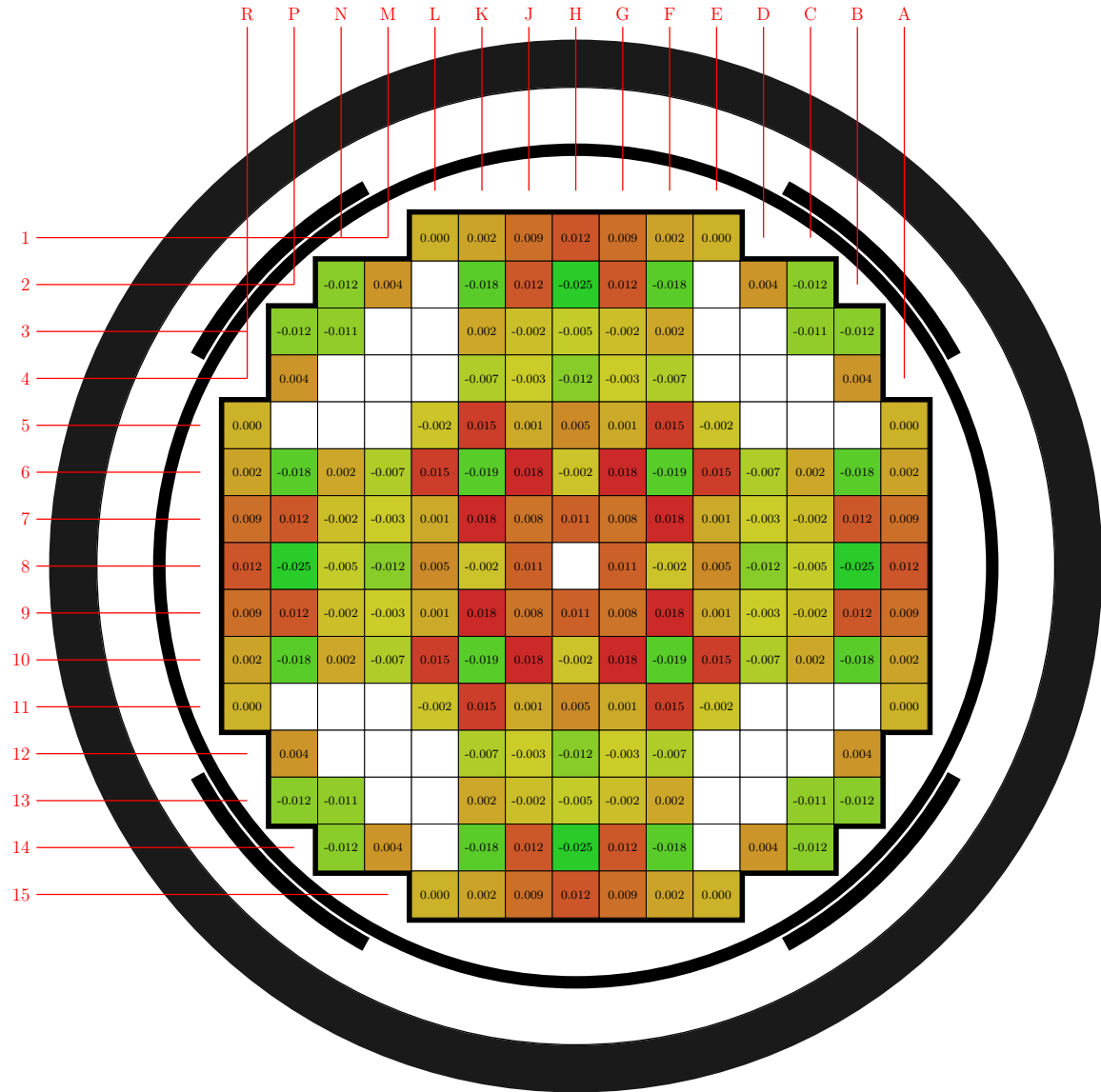


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

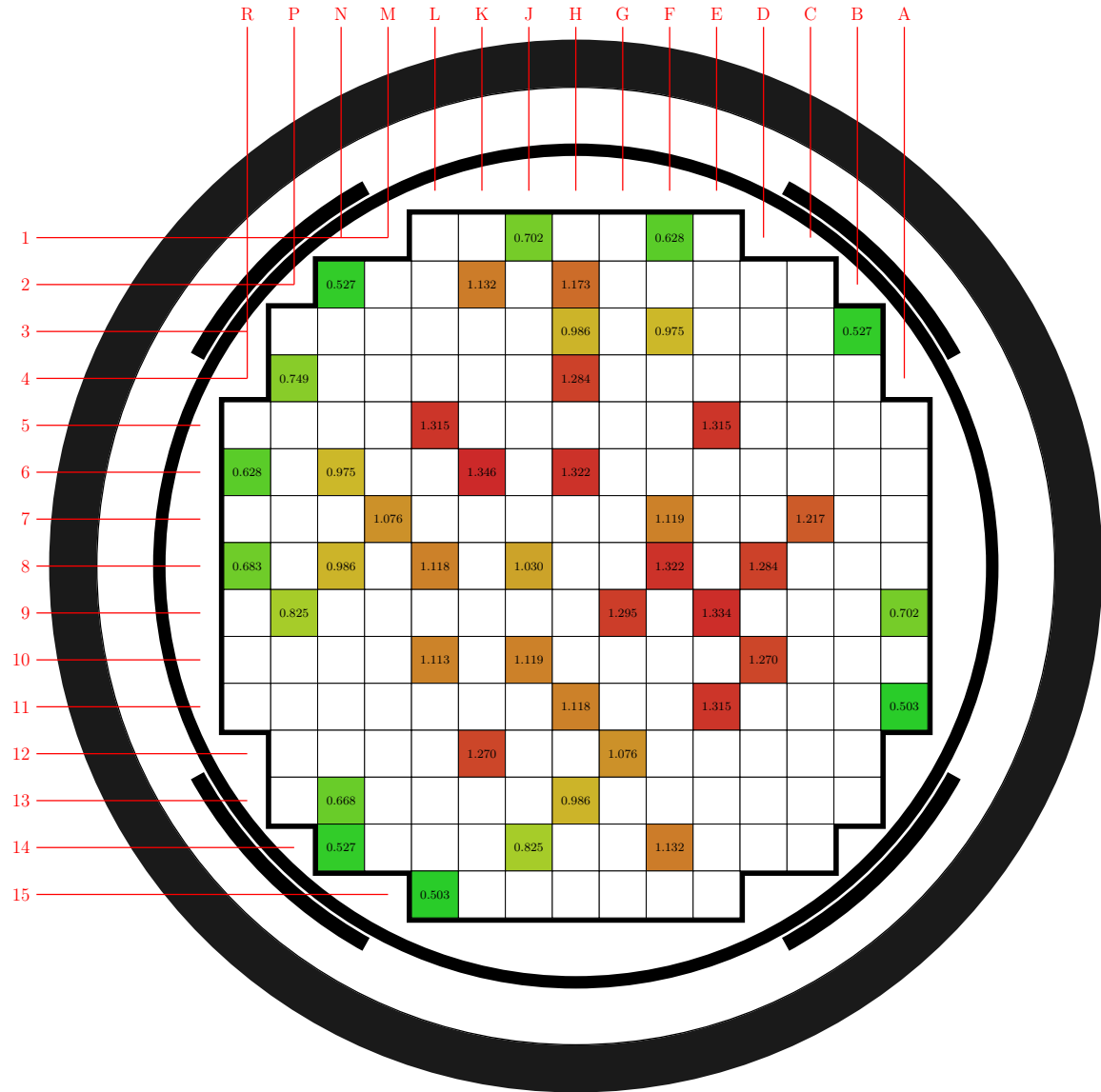


Figure 8: Radial detector measurements (simulate normalized to detector data).

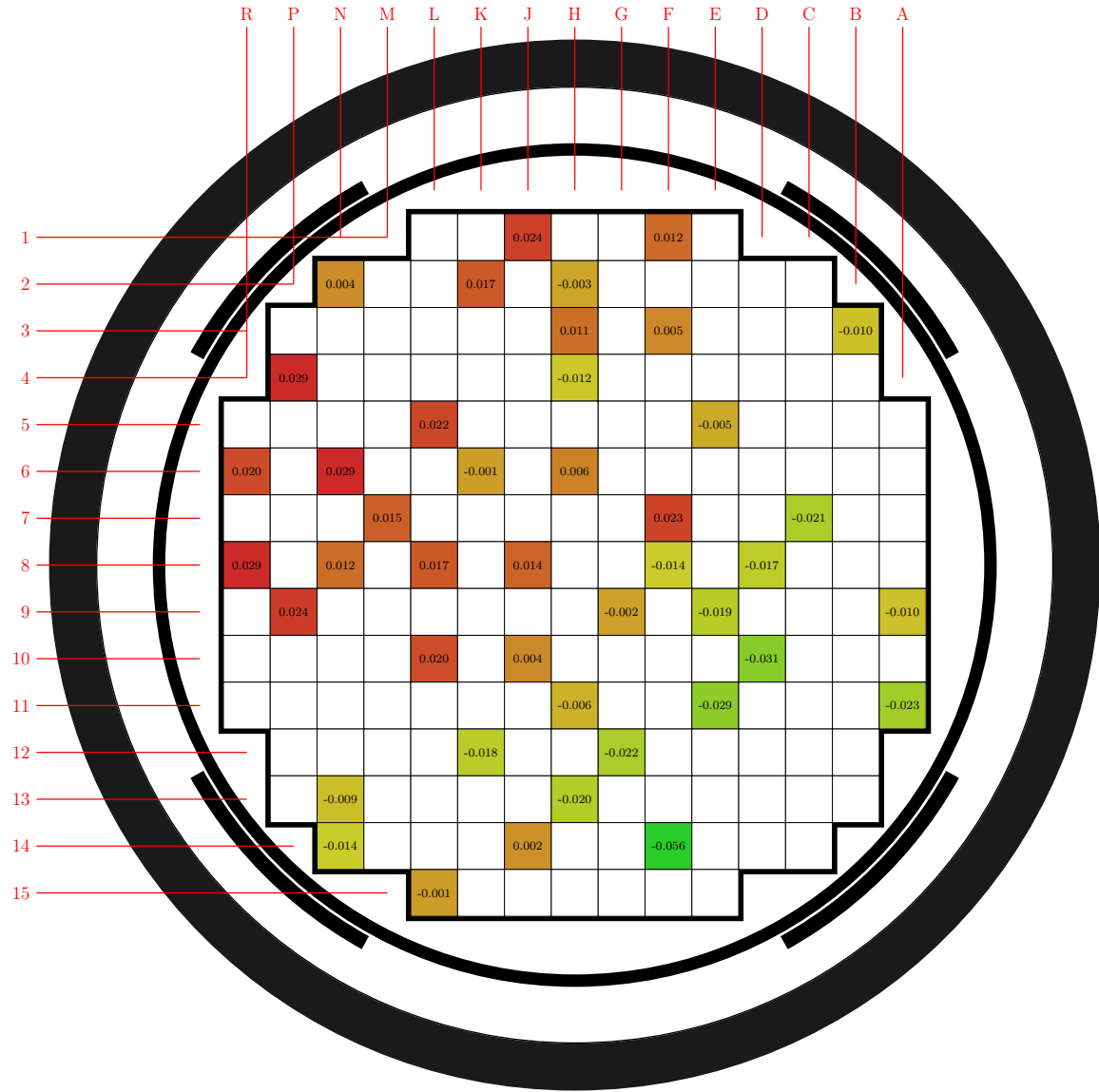


Figure 9: Radial detector absolute difference (simulate minus detector data).