

Measurements taken 62 calendar days since BOC.

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

- 1 1659.1 705. 228. 228. 229. 228. 230.
- 2 1657.8 708. 228. 228. 229. 228. 230.
- 3 1662.7 698. 228. 228. 229. 228. 230.
- 4 1662.8 695. 228. 228. 229. 228. 230.
- 5 1655.4 703. 228. 228. 229. 228. 230.
- 6 1663.8 700. 228. 228. 229. 228. 230.
- 7 1661.5 700. 228. 228. 229. 228. 230.
- 8 1659.5 691. 228. 228. 229. 228. 230.
- 9 1660.2 711. 228. 228. 229. 228. 230.
- 10 1663.9 708. 228. 228. 229. 228. 230.
- 11 1663.4 705. 228. 228. 229. 228. 230.
- 12 1662.7 703. 228. 228. 229. 228. 230.
- 13 1658.9 706. 228. 228. 229. 228. 230.
- 14 1663.6 706. 228. 228. 229. 228. 230.
- 15 1664.0 703. 228. 228. 229. 228. 230.
- 16 1658.7 709. 228. 228. 229. 228. 230.
- 17 1657.8 702. 228. 228. 229. 228. 230.

Average Power [MWt]: 1660.92941176

Inlet Coolant Temperature [°F]: 557.35

Core Burnup [MWD/MT]: 268.2

Average Boron [ppm]: 703.117647059

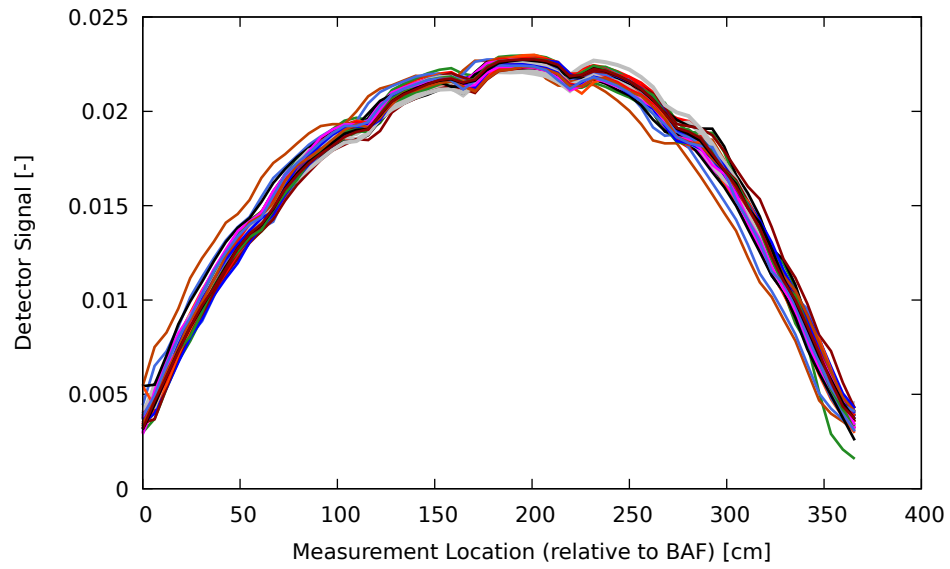


Figure 1: Renormalized data after spline

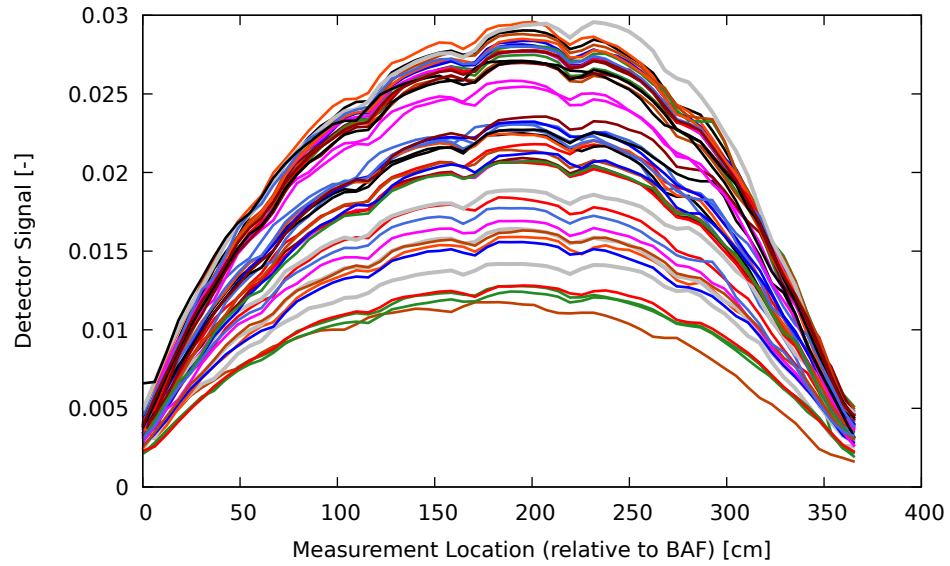


Figure 2: Unnormalized data after spline

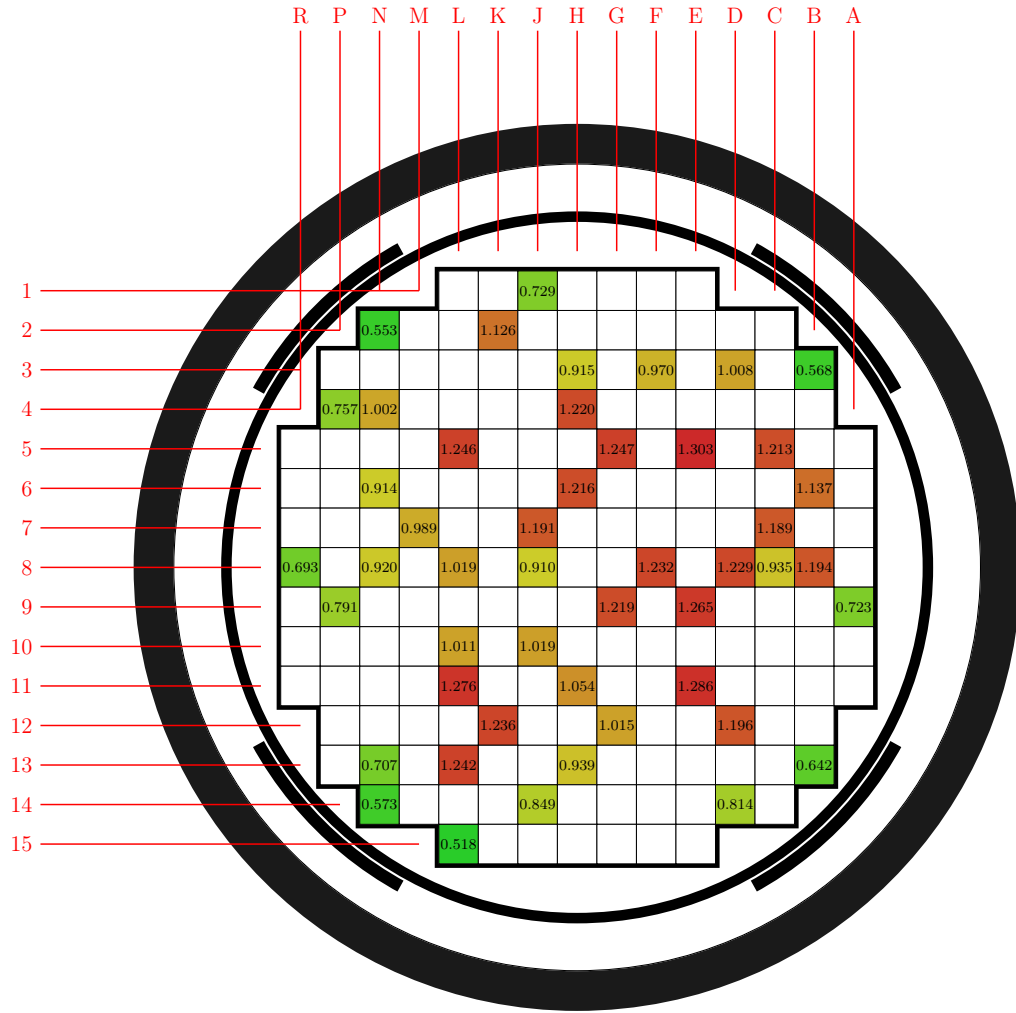


Figure 3: Radial detector measurements (axially integrated).

J1	0.729		F1	
N2	0.553		K2	1.126
H2			H3	0.915
F3	0.970		D3	1.008
B3	0.568		P4	0.757
N4	1.002		H4	1.220
L5	1.246		G5	1.247
E5	1.303		C5	1.213
R6			N6	0.914
K6			H6	1.216
B6	1.137		M7	0.989
J7	1.191		F7	
C7	1.189		R8	0.693
N8	0.920		L8	1.019
J8	0.910		F8	1.232
D8	1.229		C8	0.935
B8	1.194		P9	0.791
G9	1.219		E9	1.265
A9	0.723		L10	1.011
J10	1.019		D10	
R11			L11	1.276
H11	1.054		E11	1.286
A11			K12	1.236
G12	1.015		D12	1.196
N13	0.707		L13	1.242
H13	0.939		B13	0.642
N14	0.573		J14	0.849
F14			D14	0.814
L15	0.518		H15	

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

	H	G	F	E	D	C	B	A
8		0.910 — 1	1.224 0.011 2	1.036 0.025 2	1.224 0.007 2	0.927 0.012 4	1.194 — 1	0.693 — 1
9	0.910 — 1	1.205 0.020 2	1.019 — 1	1.256 0.012 2	0.989 — 1		0.849 — 1	0.723 — 1
10	1.224 0.011 2				1.236 — 1	0.942 0.040 2		
11	1.036 0.025 2		1.011 — 1	1.278 0.024 4		1.242 — 1		0.518 — 1
12	1.224 0.007 2	1.015 — 1			1.196 — 1	1.005 0.005 2	0.757 — 1	
13	0.927 0.012 4	1.189 — 1		1.213 — 1		0.707 — 1	0.608 0.049 2	
14	1.194 — 1	0.791 — 1	1.132 0.007 2		0.814 — 1	0.560 0.011 2		
15	0.693 — 1	0.729 — 1						

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

D14	0.814		H9	0.910
D10	1.236		D12	1.196
E11	1.278		E13	1.213
B12	0.757		B13	0.608
C13	0.707		C12	1.005
C11	1.242		C10	0.942
F9	1.019		F8	1.224
C14	0.560		F11	1.011
A11	0.518		F14	1.132
E8	1.036		E9	1.256
H10	1.224		H11	1.036
H12	1.224		H13	0.927
H14	1.194		H15	0.693
D9	0.989		D8	1.224
C8	0.927		B9	0.849
B8	1.194		G15	0.729
G14	0.791		G13	1.189
G12	1.015		A8	0.693
A9	0.723		G8	0.910
G9	1.205			

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

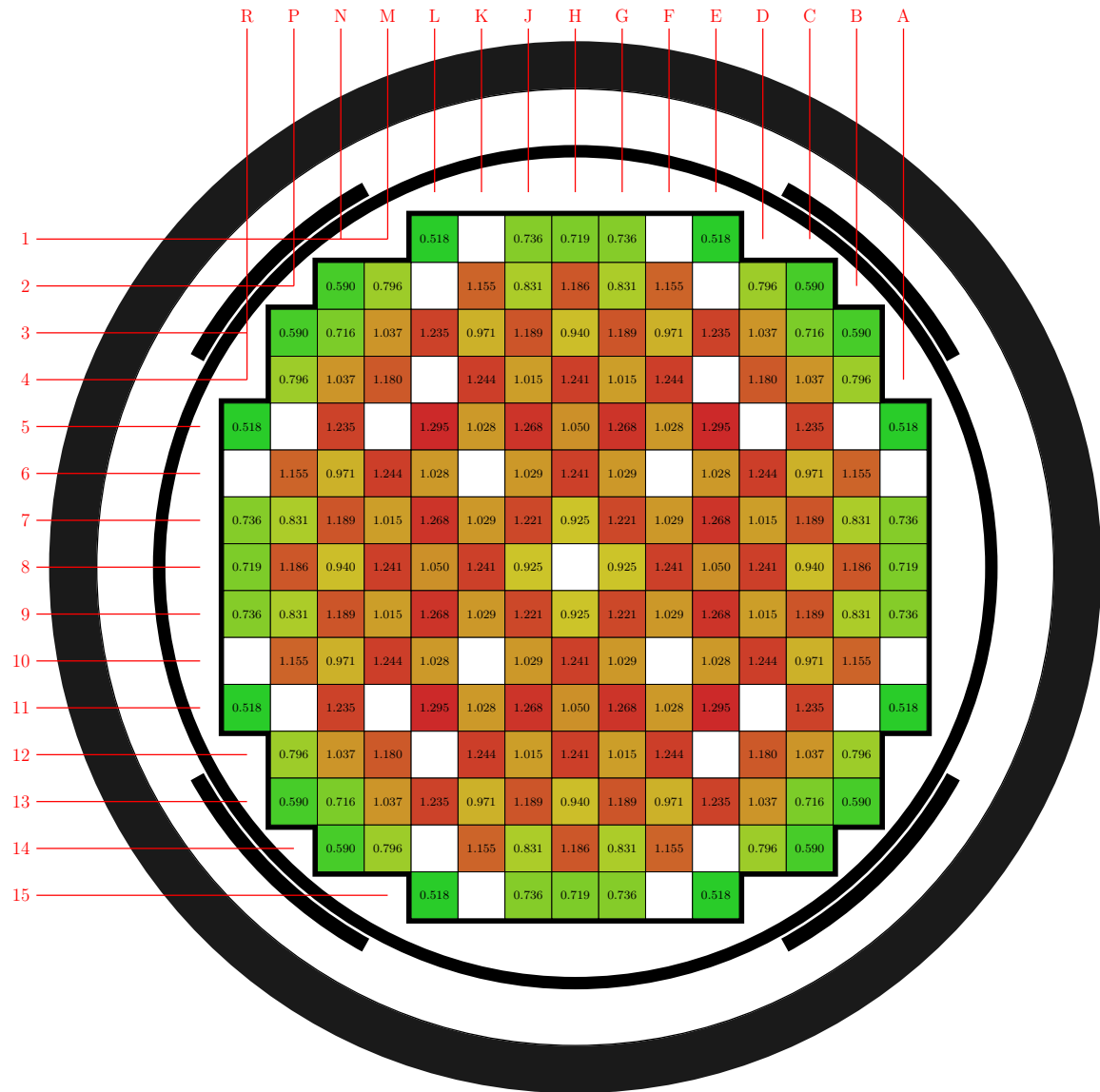


Figure 5: Radial detector measurements (tilt corrected).

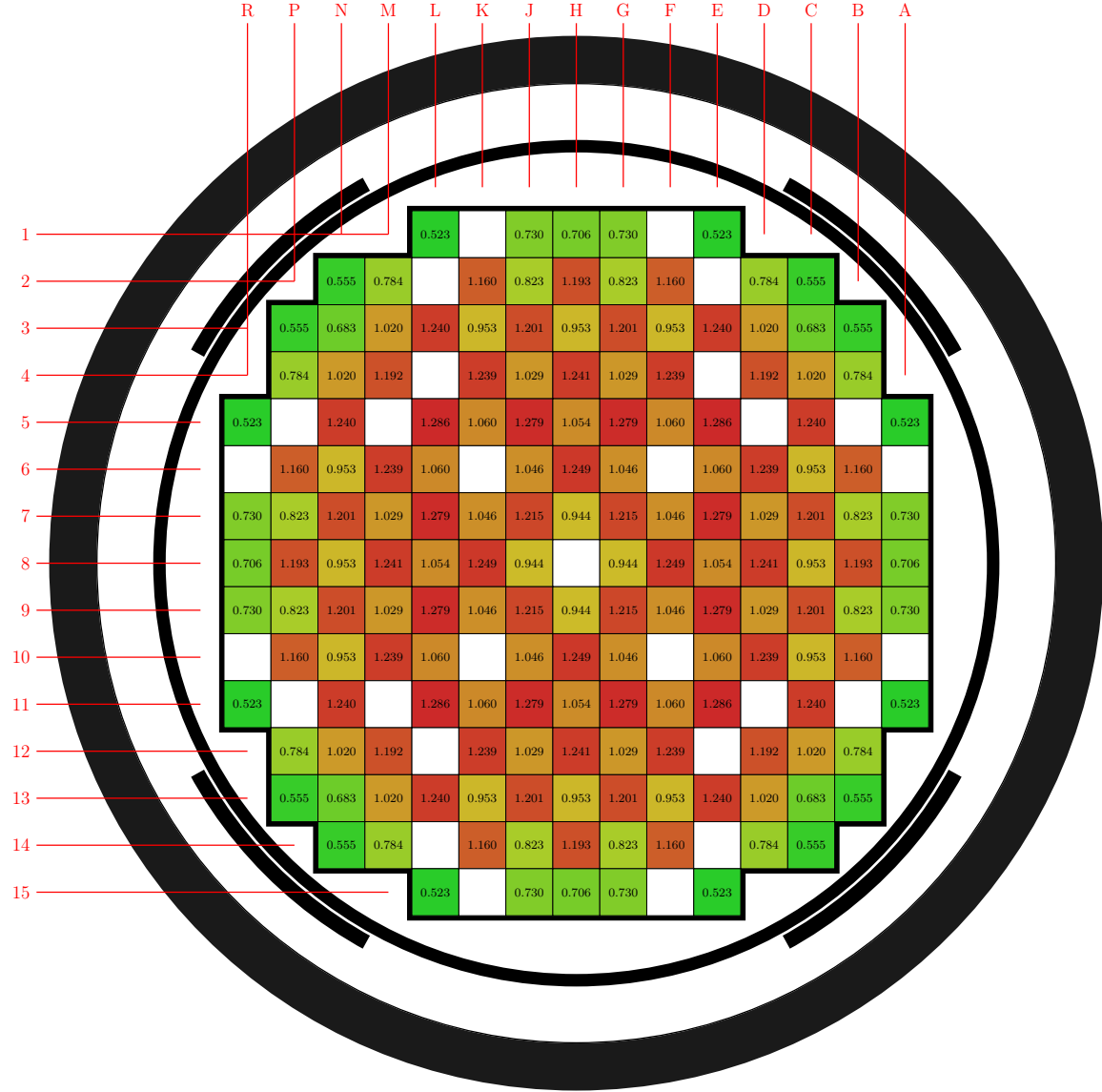


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

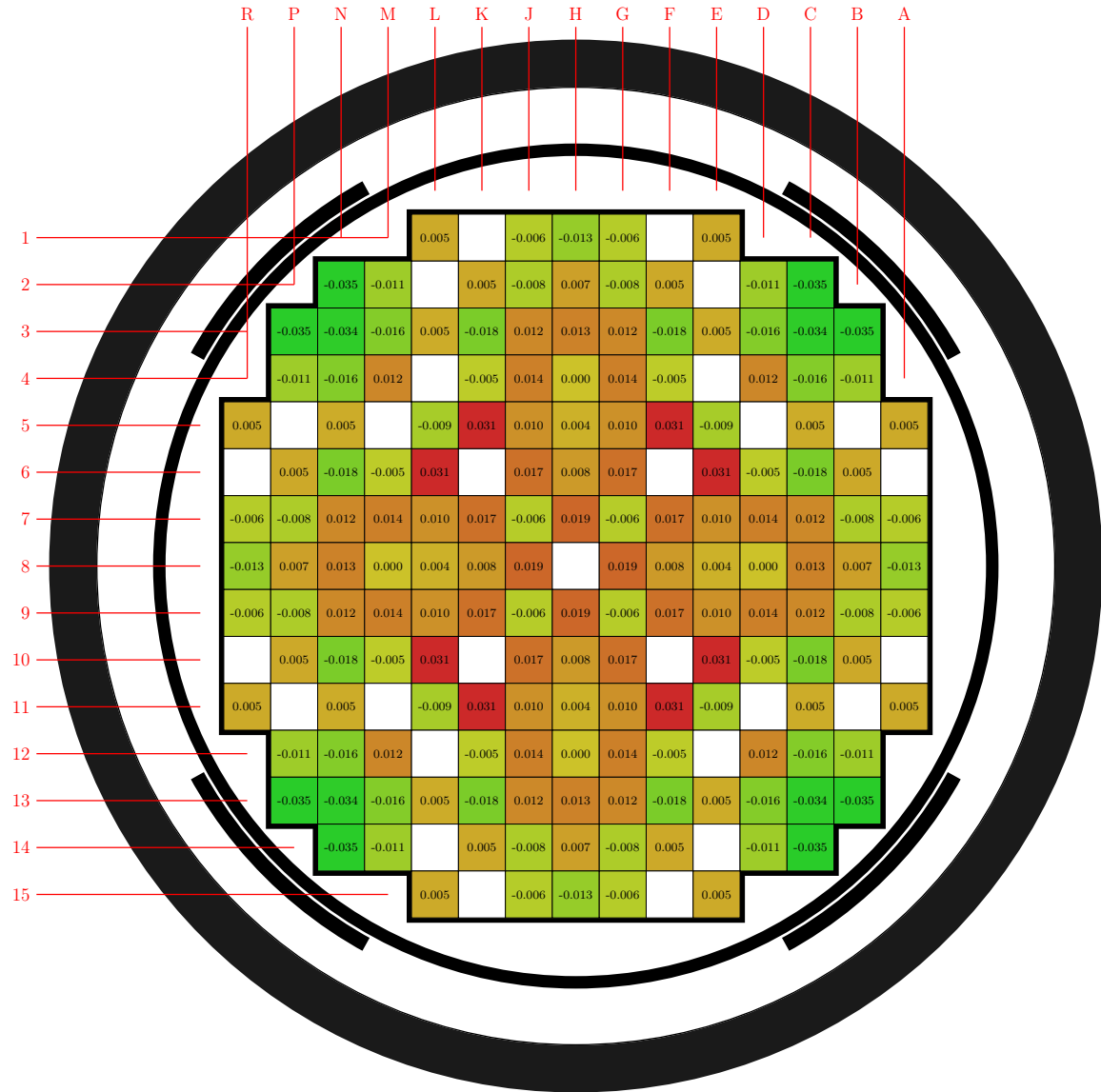


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

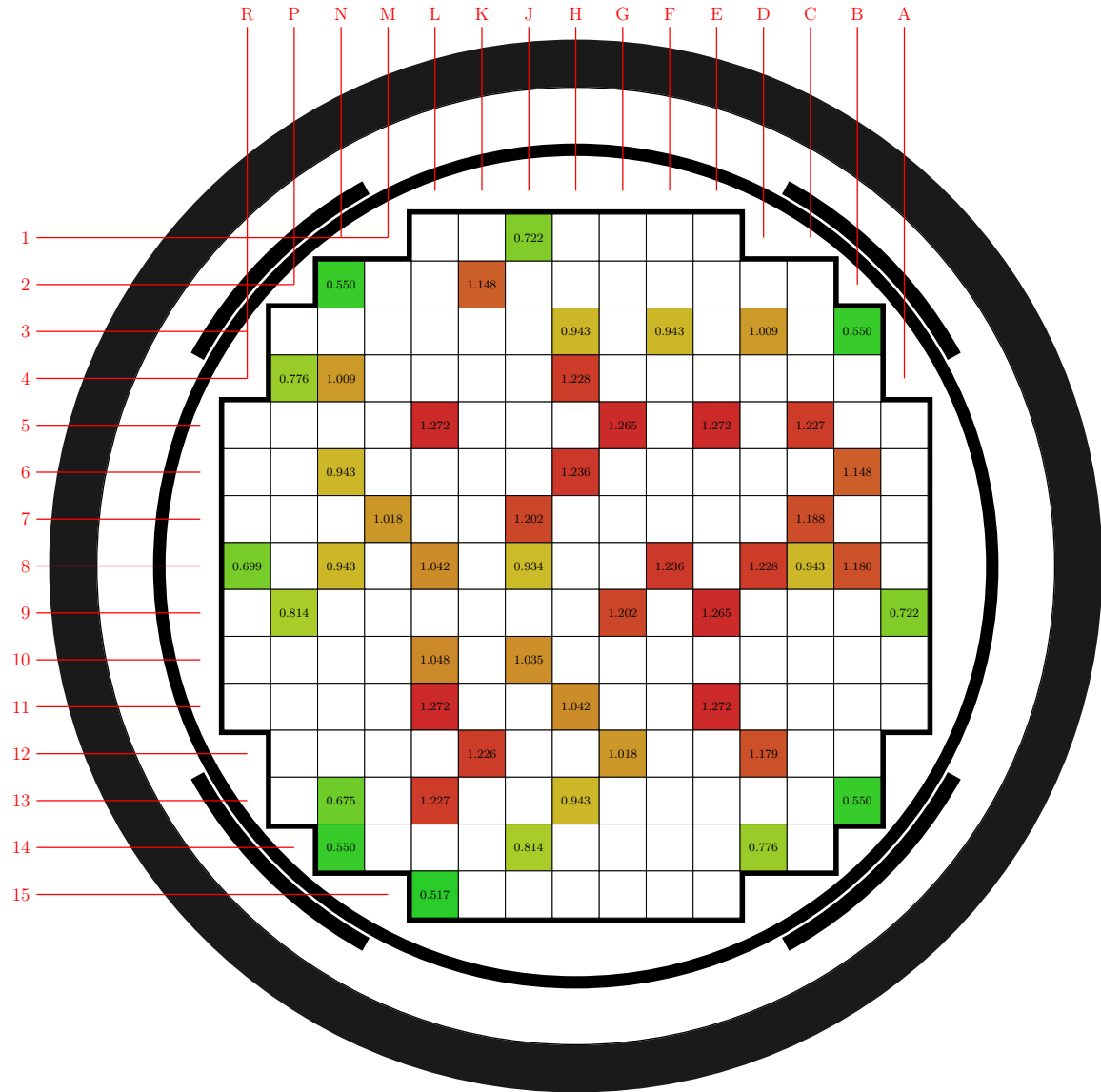


Figure 8: Radial detector measurements (simulate normalized to detector data).

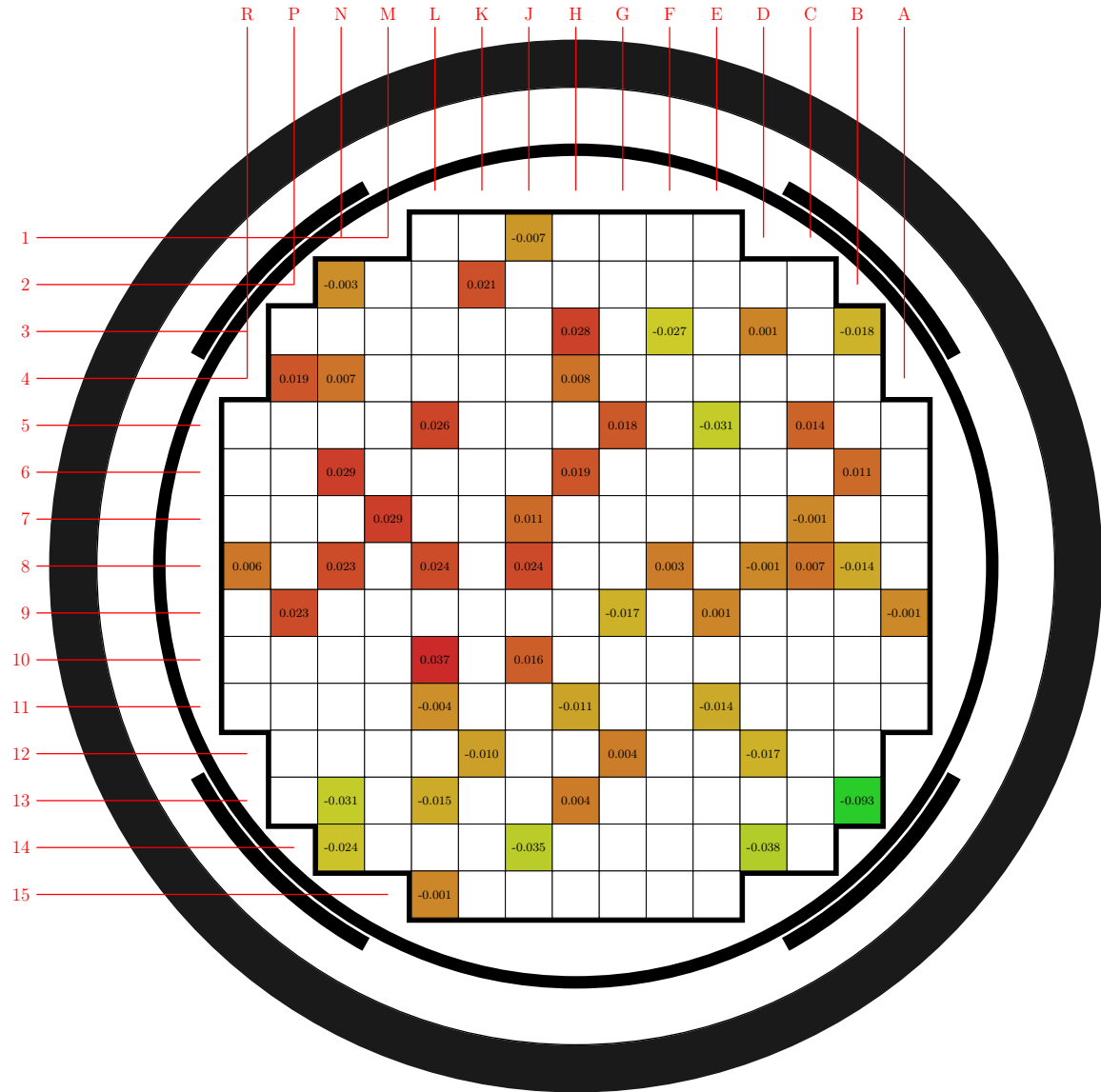


Figure 9: Radial detector absolute difference (simulate minus detector data).