

Measurements taken 5 calendar days since BOC.

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

- 1 978.5 1180. 228. 228. 228. 211. 230.
- 2 986.2 1180. 228. 228. 228. 211. 230.
- 3 977.8 1180. 228. 228. 228. 211. 230.
- 4 1009.0 1180. 228. 228. 228. 211. 230.
- 5 1006.6 1180. 228. 228. 228. 211. 230.
- 6 996.5 1180. 228. 228. 228. 211. 230.
- 7 992.4 1180. 228. 228. 228. 211. 230.
- 8 986.5 1180. 228. 228. 228. 211. 230.
- 9 987.6 1180. 228. 228. 228. 211. 230.
- 10 983.3 1180. 228. 228. 228. 211. 230.
- 11 1002.6 1180. 228. 228. 228. 211. 230.
- 12 997.9 1180. 228. 228. 228. 211. 230.
- 13 994.6 1180. 228. 228. 228. 211. 230.
- 14 1001.9 1180. 228. 228. 228. 211. 230.

Average Power [MWt]: 992.957142857

Inlet Coolant Temperature [°F]: 556.275

Core Burnup [MWD/MT]: 13.0

Average Boron [ppm]: 1180.0

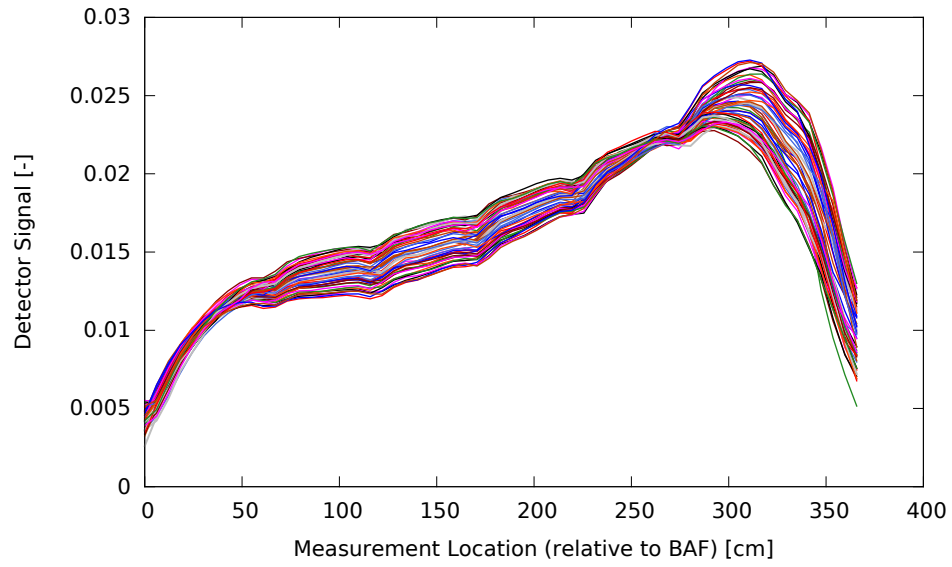


Figure 1: Renormalized data after spline

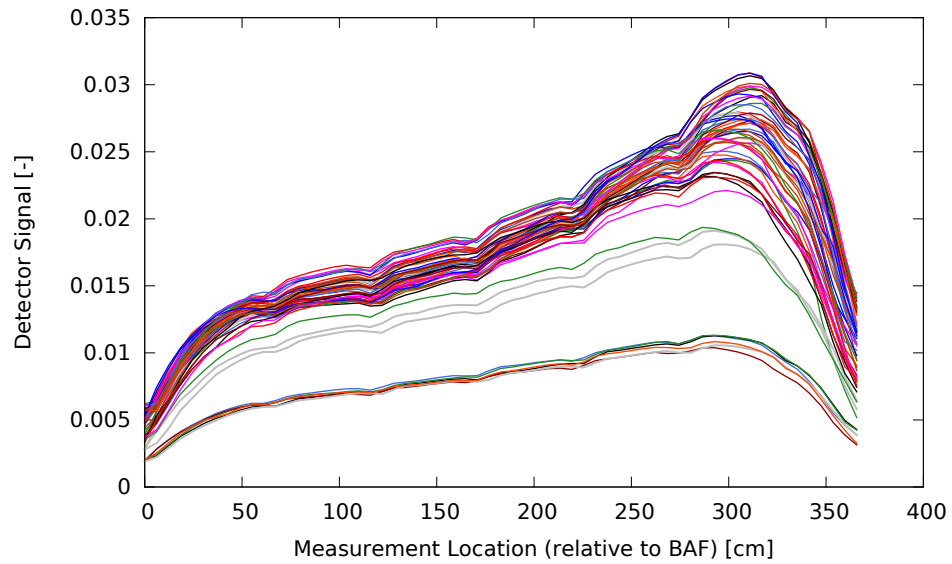


Figure 2: Unnormalized data after spline

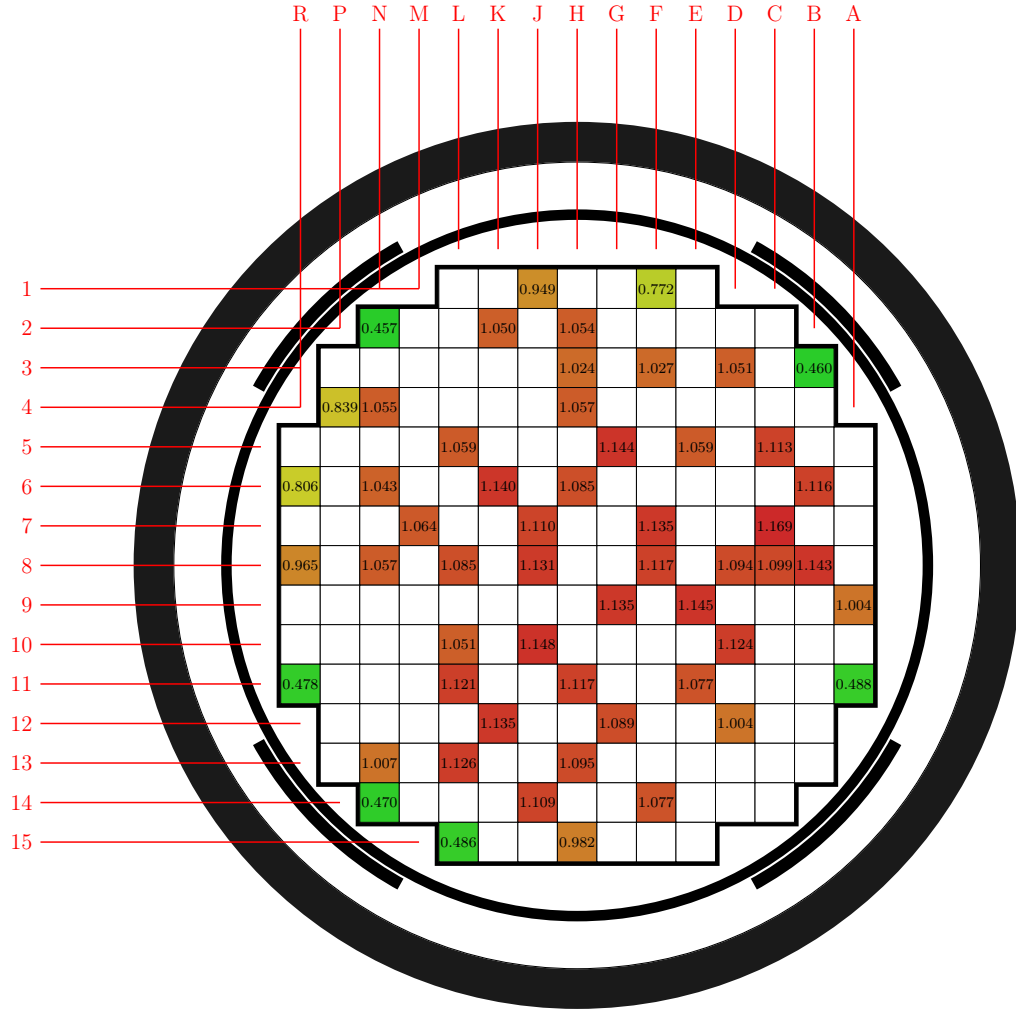


Figure 3: Radial detector measurements (axially integrated).

J1	0.949		F1	0.772
N2	0.457		K2	1.050
H2	1.054		H3	1.024
F3	1.027		D3	1.051
B3	0.460		P4	0.839
N4	1.055		H4	1.057
L5	1.059		G5	1.144
E5	1.059		C5	1.113
R6	0.806		N6	1.043
K6	1.140		H6	1.085
B6	1.116		M7	1.064
J7	1.110		F7	1.135
C7	1.169		R8	0.965
N8	1.057		L8	1.085
J8	1.131		F8	1.117
D8	1.094		C8	1.099
B8	1.143		G9	1.135
E9	1.145		A9	1.004
L10	1.051		J10	1.148
D10	1.124		R11	0.478
L11	1.121		H11	1.117
E11	1.077		A11	0.488
K12	1.135		G12	1.089
D12	1.004		N13	1.007
L13	1.126		H13	1.095
N14	0.470		J14	1.109
F14	1.077		L15	0.486
H15	0.982			

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

	H	G	F	E	D	C	B	A
8		1.131 — 1	1.101 0.023 2	1.101 0.023 2	1.075 0.026 2	1.069 0.035 4	1.099 0.063 2	0.974 0.012 2
9	1.131 — 1	1.123 0.018 2	1.148 — 1	1.144 0.001 2	1.064 — 1		1.109 — 1	1.004 — 1
10	1.101 0.023 2	1.135 — 1	1.140 — 1		1.130 0.008 2	1.035 0.012 2		0.789 0.024 2
11	1.101 0.023 2		1.051 — 1	1.079 0.029 4		1.126 — 1		0.487 0.002 2
12	1.075 0.026 2	1.089 — 1			1.004 — 1	1.053 0.003 2	0.839 — 1	
13	1.069 0.035 4	1.169 — 1		1.113 — 1		1.007 — 1	0.470 — 1	
14	1.099 0.063 2		1.081 0.033 3			0.458 0.002 2		
15	0.974 0.012 2	0.949 — 1		0.478 — 1				

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

H9	1.131		D10	1.130
D12	1.004		E11	1.079
E13	1.113		E15	0.478
B12	0.839		B13	0.470
C13	1.007		C12	1.053
C11	1.126		C10	1.035
F9	1.148		F8	1.101
C14	0.458		F11	1.051
A11	0.487		A10	0.789
F14	1.081		E8	1.101
E9	1.144		H10	1.101
H11	1.101		H12	1.075
H13	1.069		H14	1.099
H15	0.974		D9	1.064
D8	1.075		C8	1.069
B9	1.109		B8	1.099
G15	0.949		G13	1.169
G12	1.089		G10	1.135
A8	0.974		A9	1.004
F10	1.140		G8	1.131
G9	1.123			

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

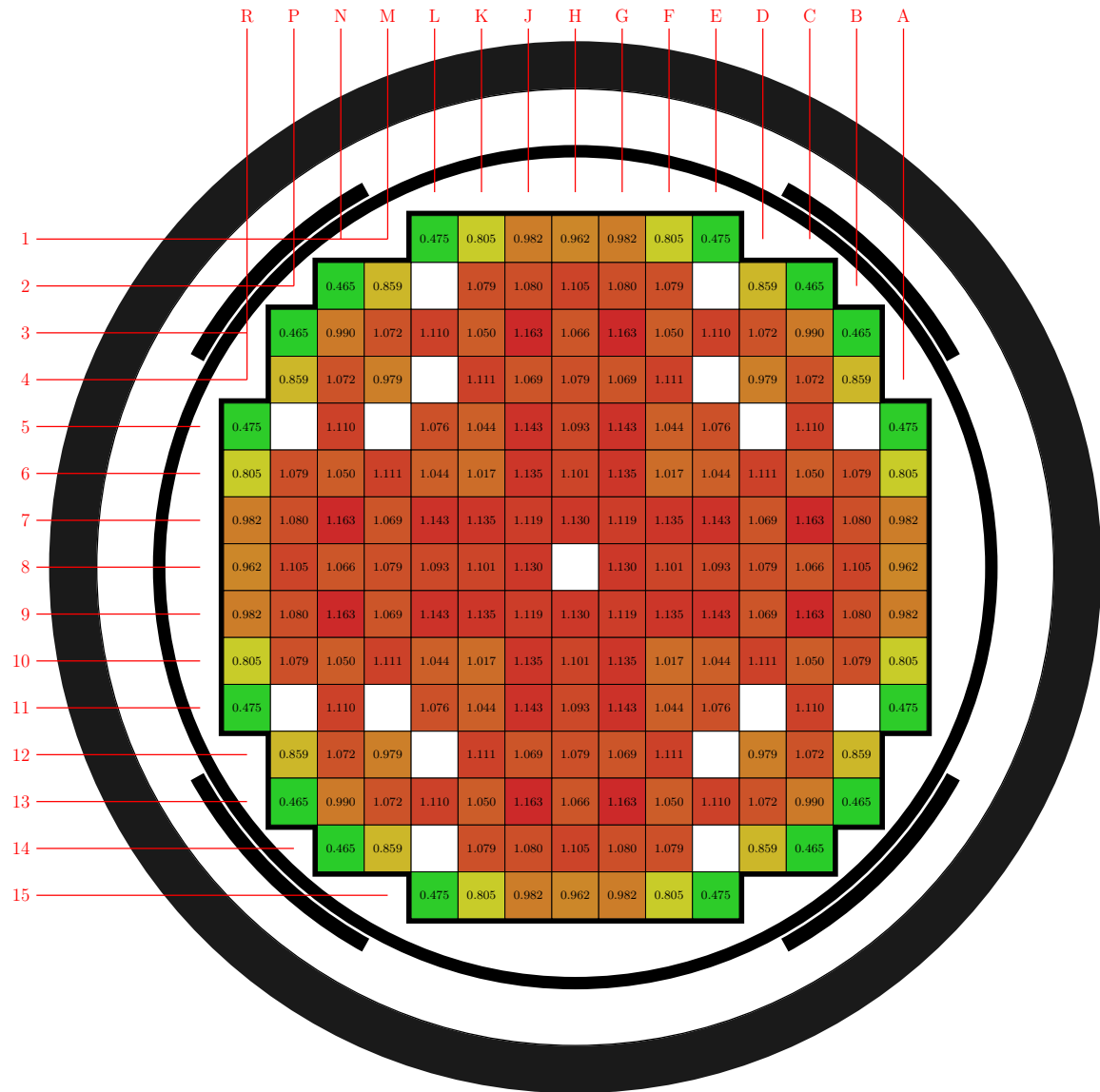


Figure 5: Radial detector measurements (tilt corrected).

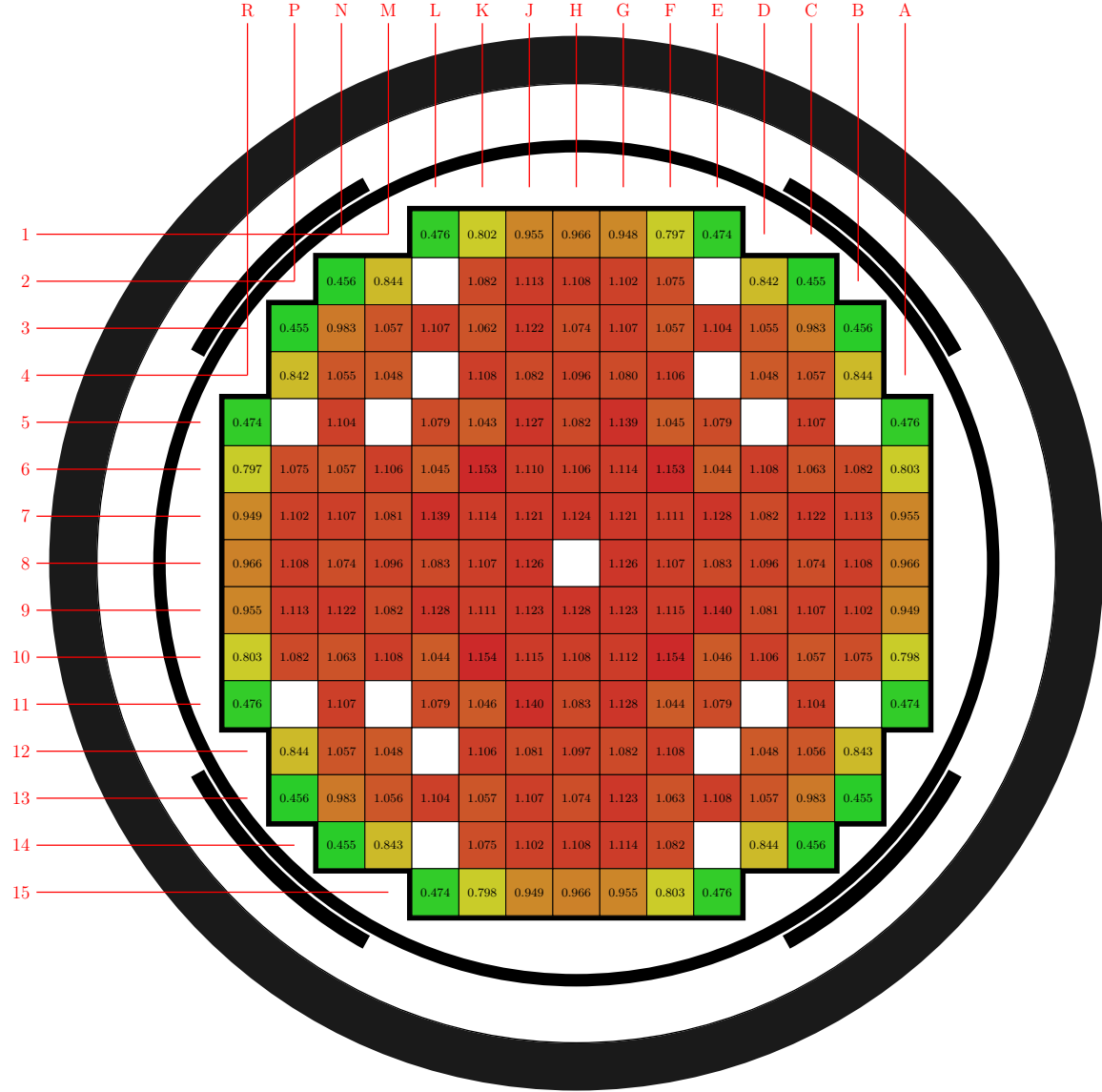


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

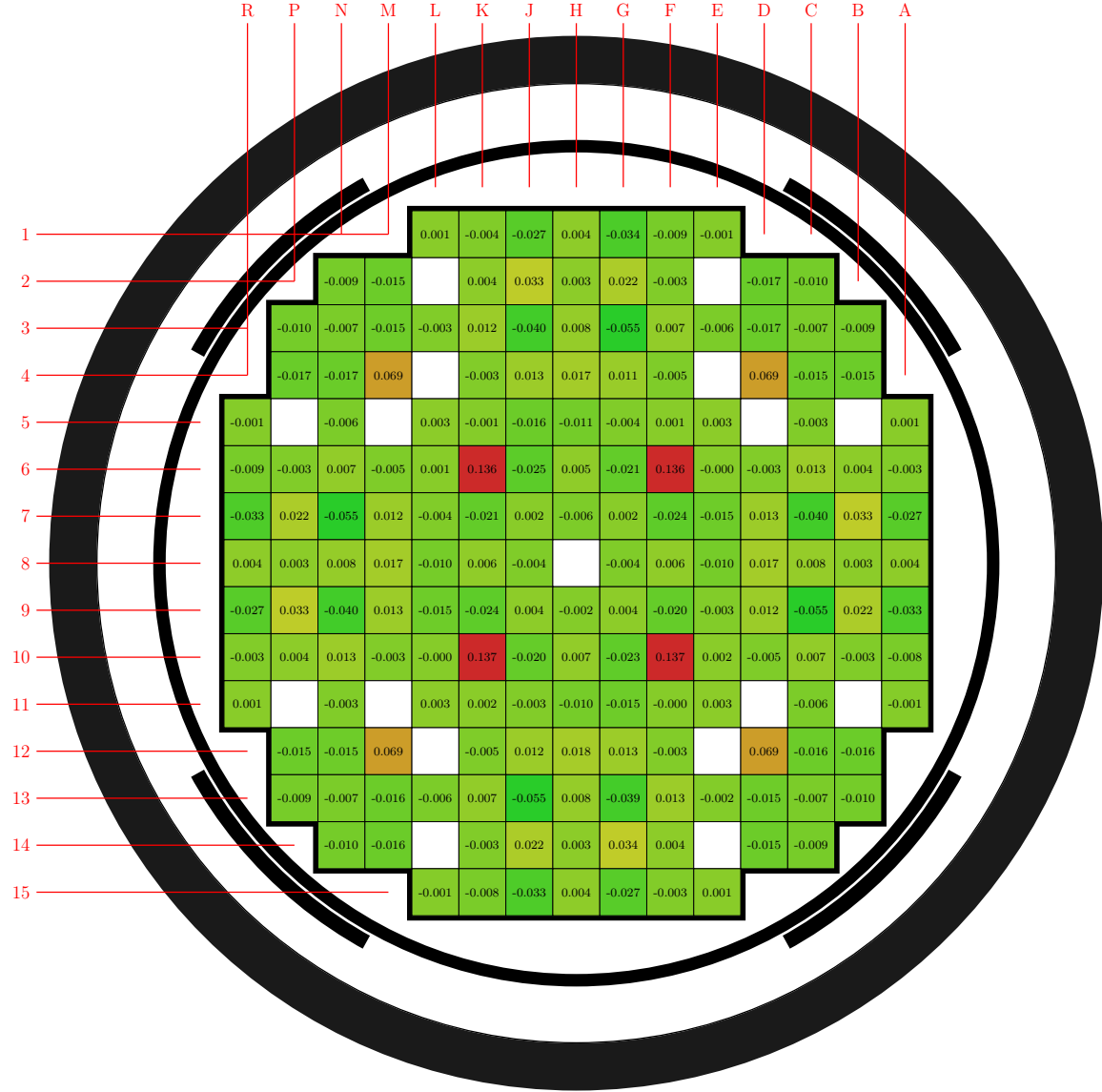


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).



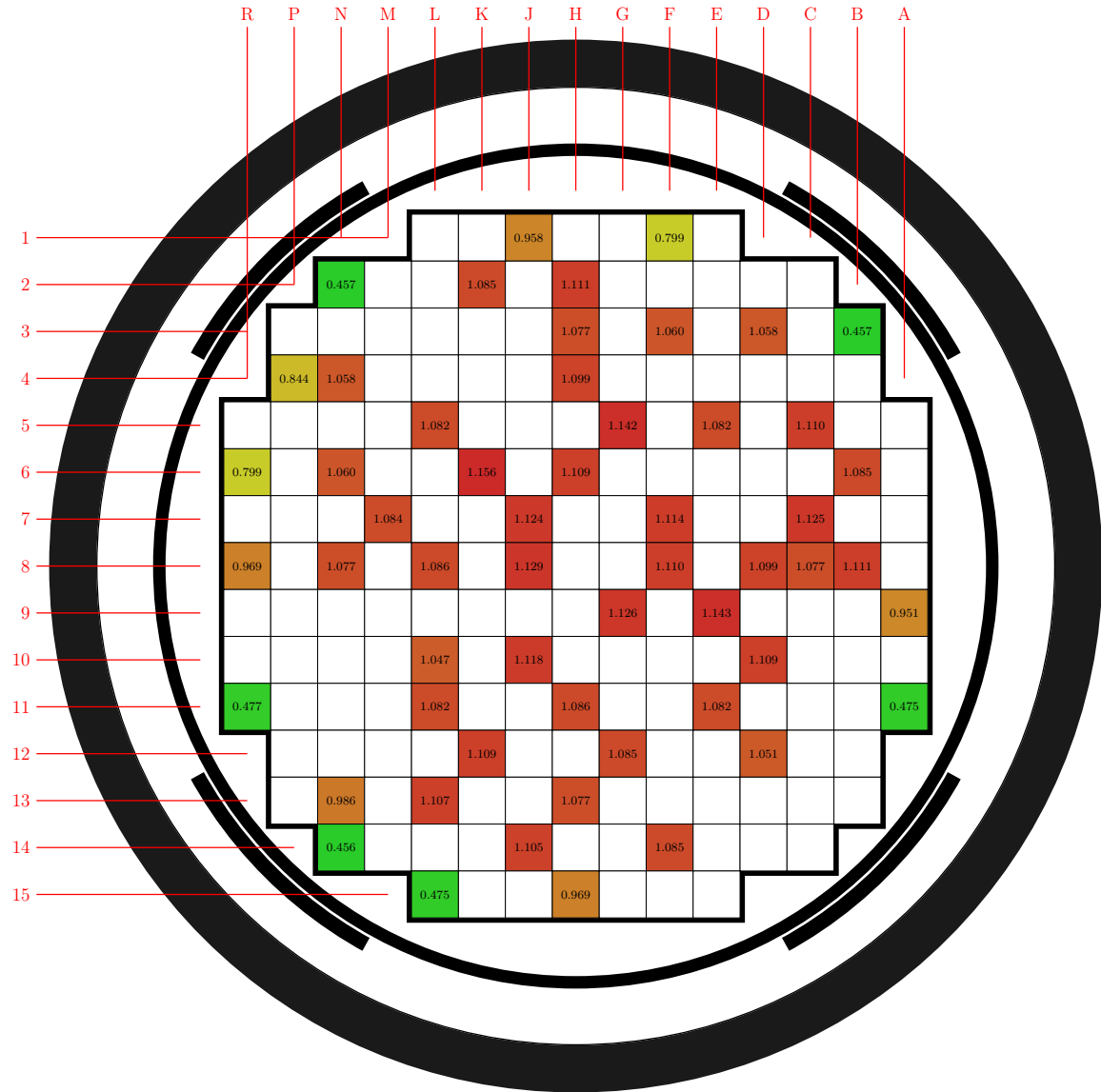


Figure 8: Radial detector measurements (simulate normalized to detector data).

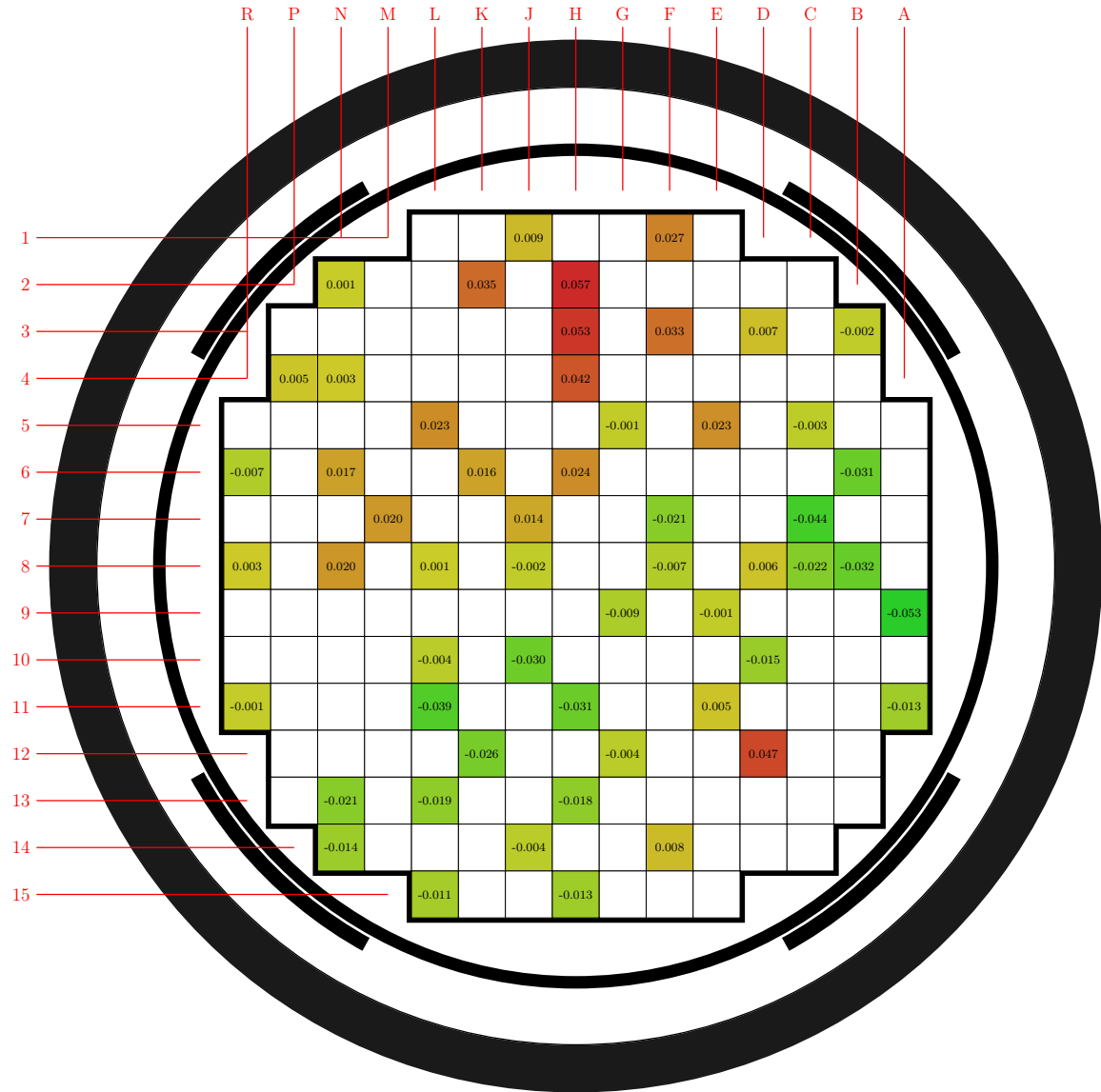


Figure 9: Radial detector absolute difference (simulate minus detector data).