

Measurements taken 66 calendar days since BOC.

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

- 1 1664.1 700. 228. 228. 228. 204. 230.
- 2 1666.0 708. 228. 228. 228. 204. 230.
- 3 1668.5 695. 228. 228. 228. 204. 230.
- 4 1661.8 702. 228. 228. 228. 204. 230.
- 5 1663.8 706. 228. 228. 228. 204. 230.
- 6 1667.1 700. 228. 228. 228. 204. 230.
- 7 1669.6 708. 228. 228. 228. 204. 230.
- 8 1660.8 697. 228. 228. 228. 204. 230.
- 9 1666.4 706. 228. 228. 228. 204. 230.
- 10 1670.0 692. 228. 228. 228. 204. 230.
- 11 1675.8 698. 228. 228. 228. 204. 230.
- 12 1665.9 697. 228. 228. 228. 204. 230.
- 13 1675.2 706. 228. 228. 228. 204. 230.
- 14 1668.4 703. 228. 228. 228. 204. 230.
- 15 1669.8 694. 228. 228. 228. 204. 230.
- 16 1668.9 695. 228. 228. 228. 204. 230.
- 17 1669.6 697. 228. 228. 228. 204. 230.
- 18 1668.0 706. 228. 228. 228. 204. 230.
- 19 1672.4 697. 228. 228. 228. 204. 230.
- 20 1671.1 703. 228. 228. 228. 204. 230.
- 21 1668.2 695. 228. 228. 228. 204. 230.
- 22 1672.6 695. 228. 228. 228. 204. 230.
- 23 1667.9 697. 228. 228. 228. 204. 230.
- 24 1663.9 697. 228. 228. 228. 204. 230.
- 25 1665.7 706. 228. 228. 228. 204. 230.

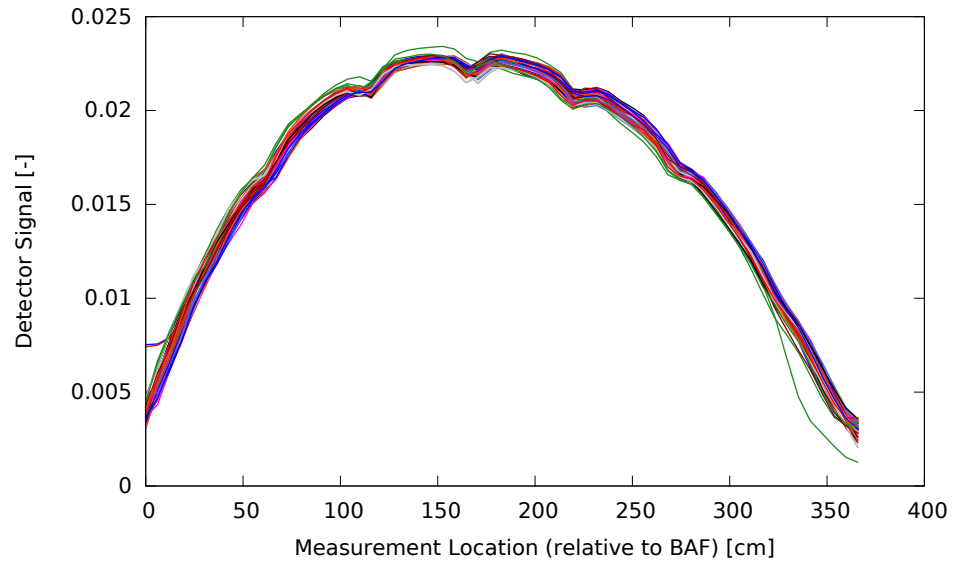


Figure 1: Renormalized data after spline

Average Power [MWt]: 1668.06
Inlet Coolant Temperature [°F]: 557.425
Core Burnup [MWD/MT]: 326.5
Average Boron [ppm]: 700.0

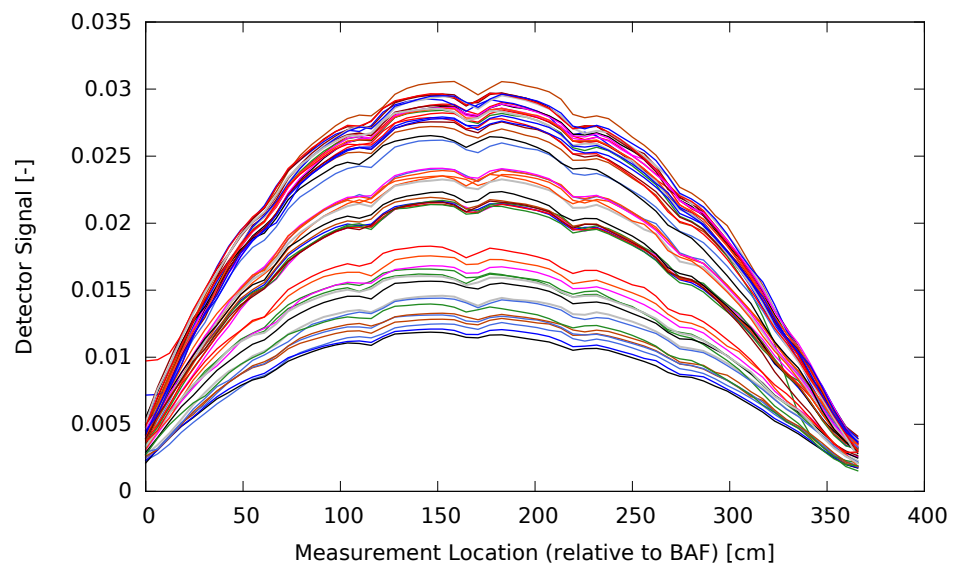


Figure 2: Unnormalized data after spline

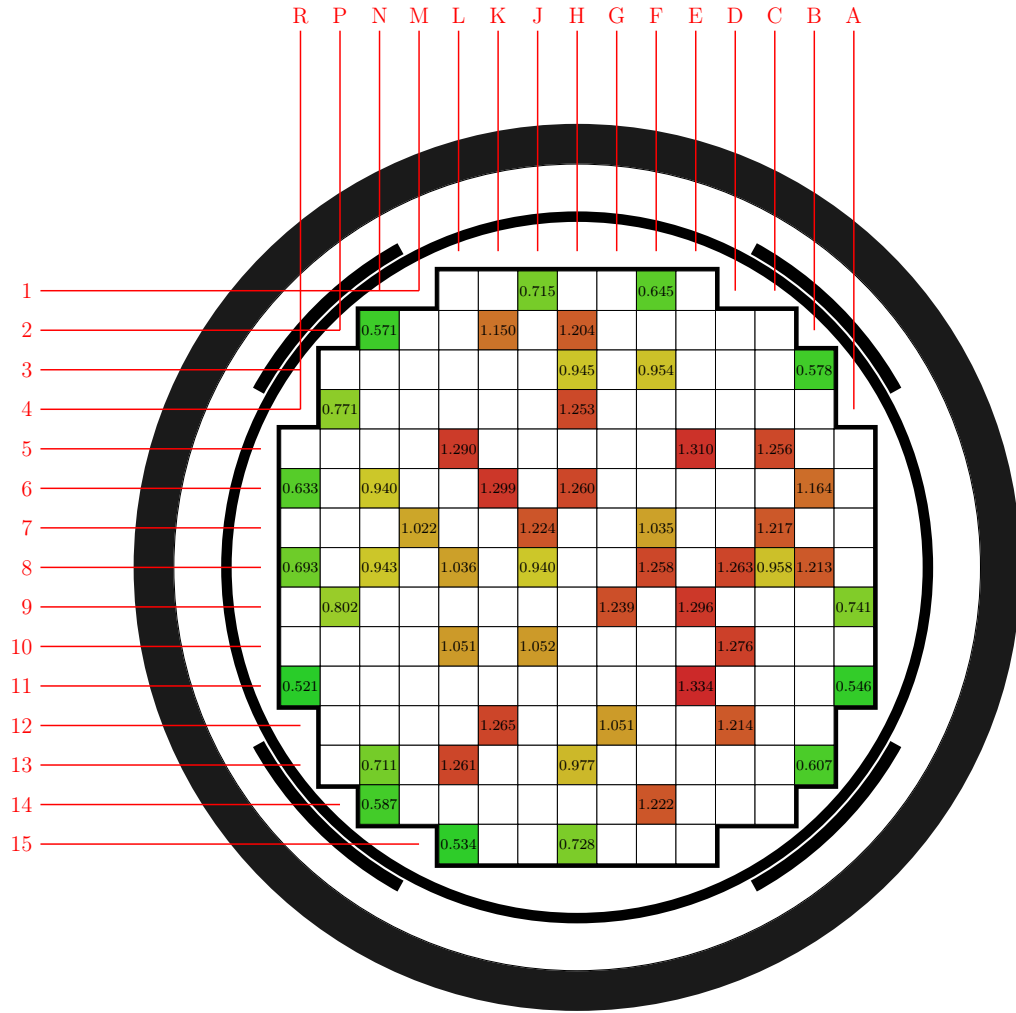


Figure 3: Radial detector measurements (axially integrated).

J1	0.715		F1	0.645
N2	0.571		K2	1.150
H2	1.204		H3	0.945
F3	0.954		D3	
B3	0.578		P4	0.771
N4			H4	1.253
L5	1.290		G5	
E5	1.310		C5	1.256
R6	0.633		N6	0.940
K6	1.299		H6	1.260
B6	1.164		M7	1.022
J7	1.224		F7	1.035
C7	1.217		R8	0.693
N8	0.943		L8	1.036
J8	0.940		F8	1.258
D8	1.263		C8	0.958
B8	1.213		P9	0.802
G9	1.239		E9	1.296
A9	0.741		L10	1.051
J10	1.052		D10	1.276
R11	0.521		L11	
H11			E11	1.334
A11	0.546		K12	1.265
G12	1.051		D12	1.214
N13	0.711		L13	1.261
H13	0.977		B13	0.607
N14	0.587		J14	
F14	1.222		D14	
L15	0.534		H15	0.728

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

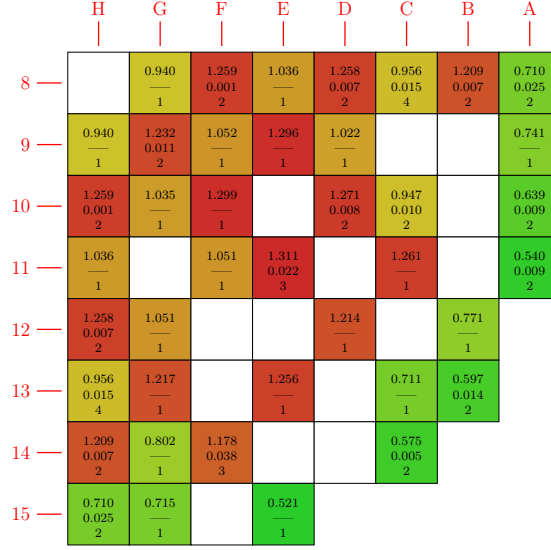


Figure 4: Quarter core (full core folded) radial measurements.

H9	0.940		D10	1.271
D12	1.214		E11	1.311
E13	1.256		E15	0.521
B12	0.771		B13	0.597
C13	0.711		C11	1.261
C10	0.947		F9	1.052
F8	1.259		C14	0.575
F11	1.051		A11	0.540
A10	0.639		F14	1.178
E8	1.036		E9	1.296
H10	1.259		H11	1.036
H12	1.258		H13	0.956
H14	1.209		H15	0.710
D9	1.022		D8	1.258
C8	0.956		B8	1.209
G15	0.715		G14	0.802
G13	1.217		G12	1.051
G10	1.035		A8	0.710
A9	0.741		F10	1.299
G8	0.940		G9	1.232

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

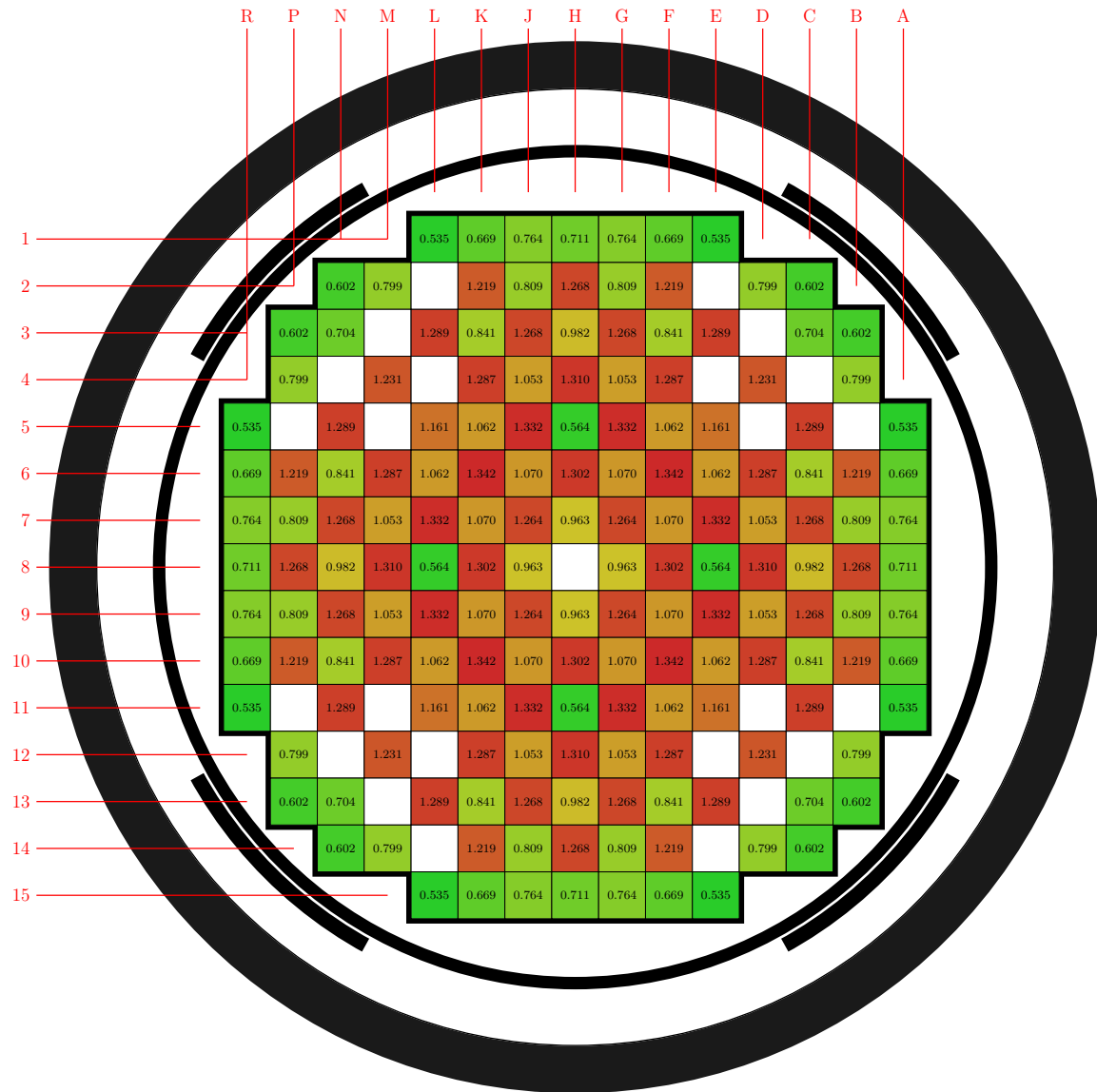


Figure 5: Radial detector measurements (tilt corrected).

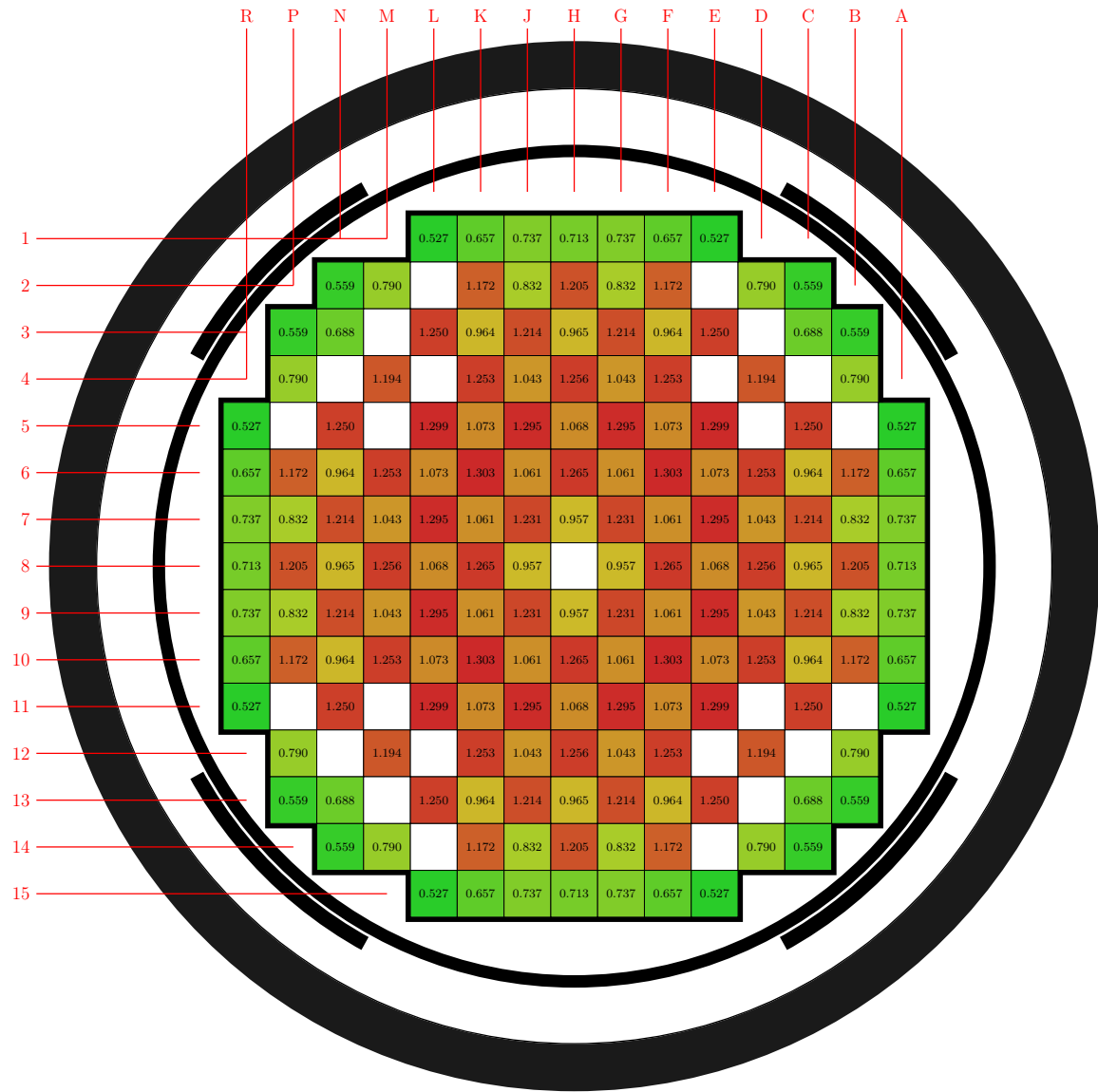


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

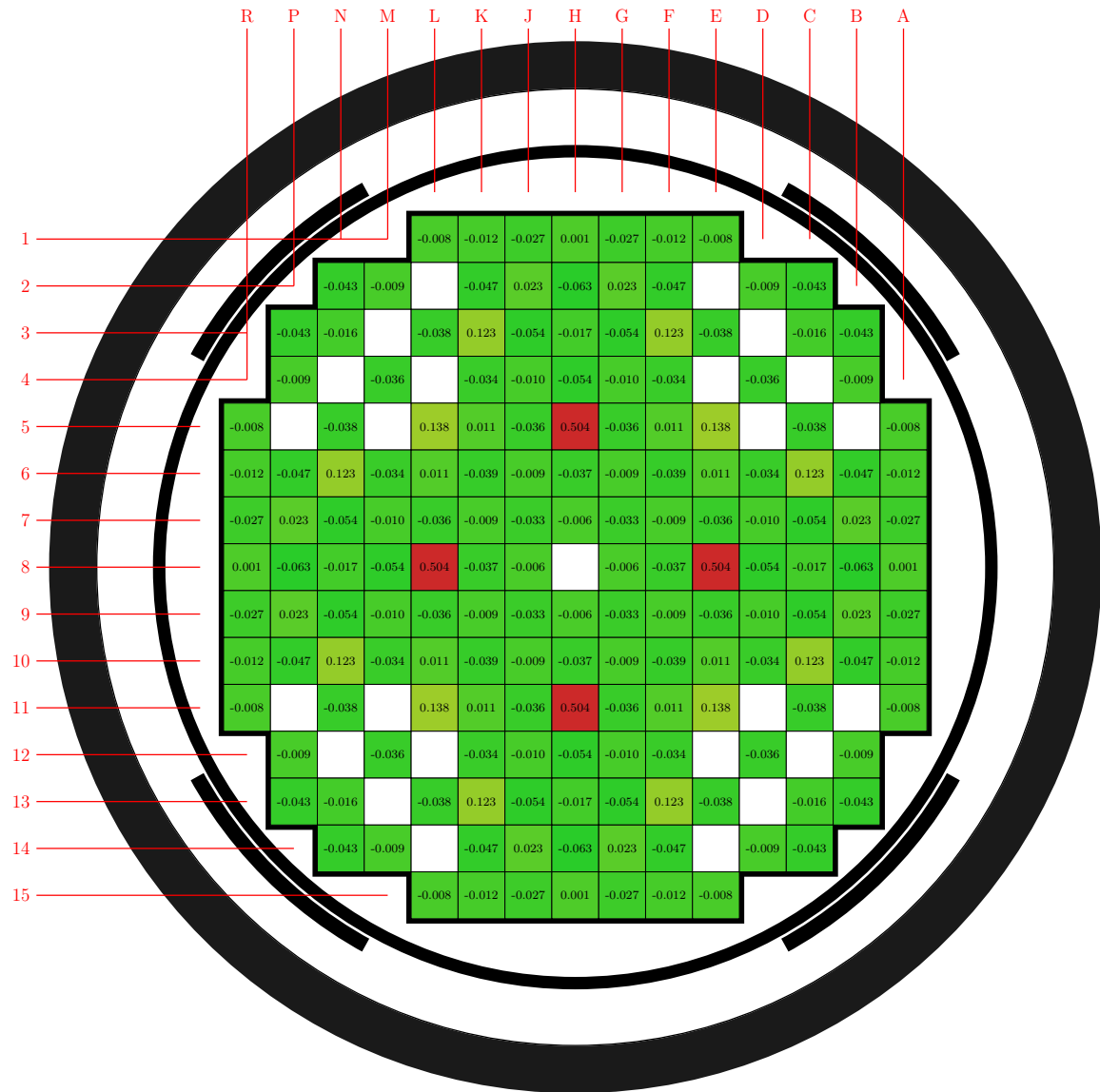


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

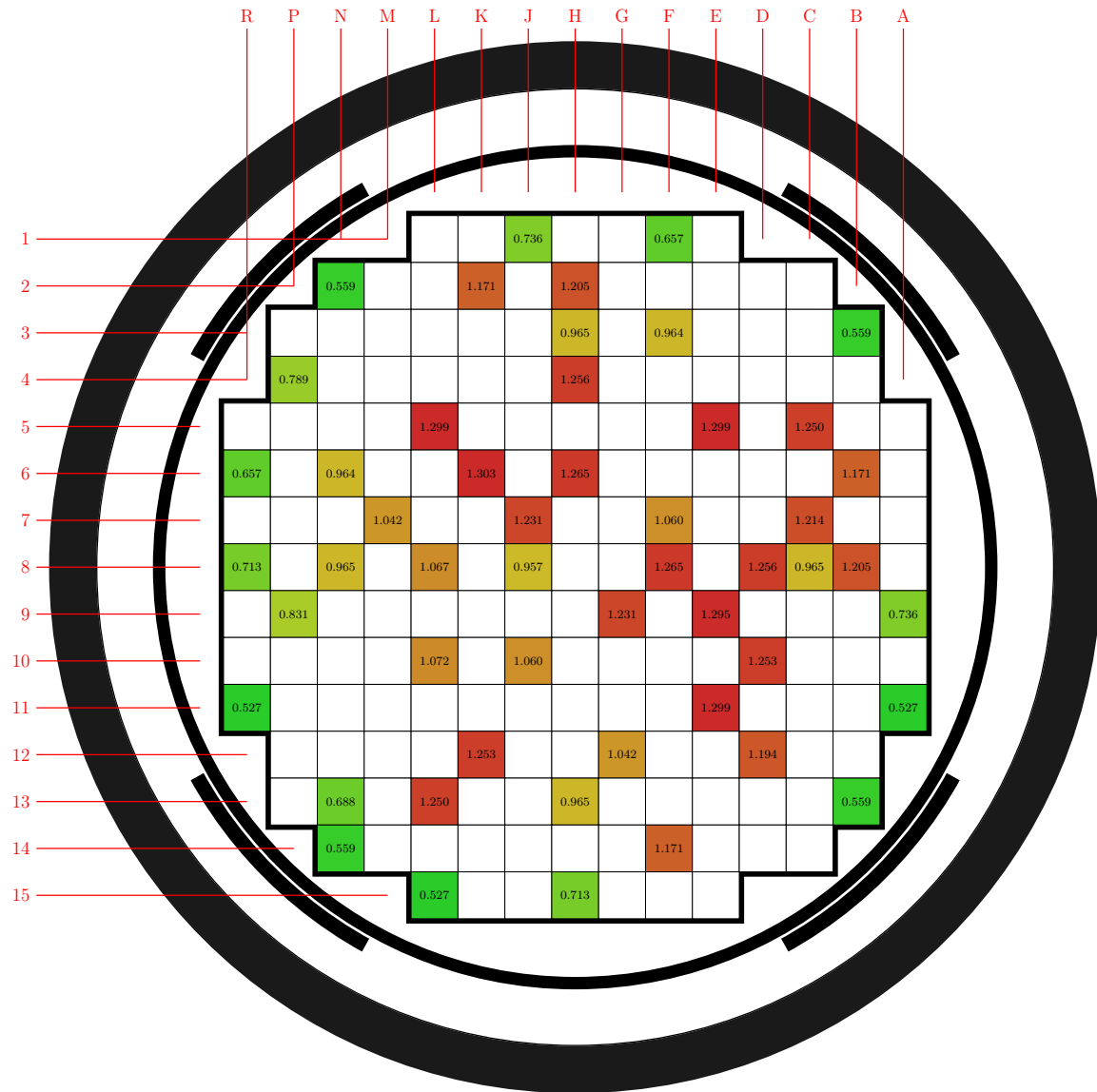


Figure 8: Radial detector measurements (simulate normalized to detector data).

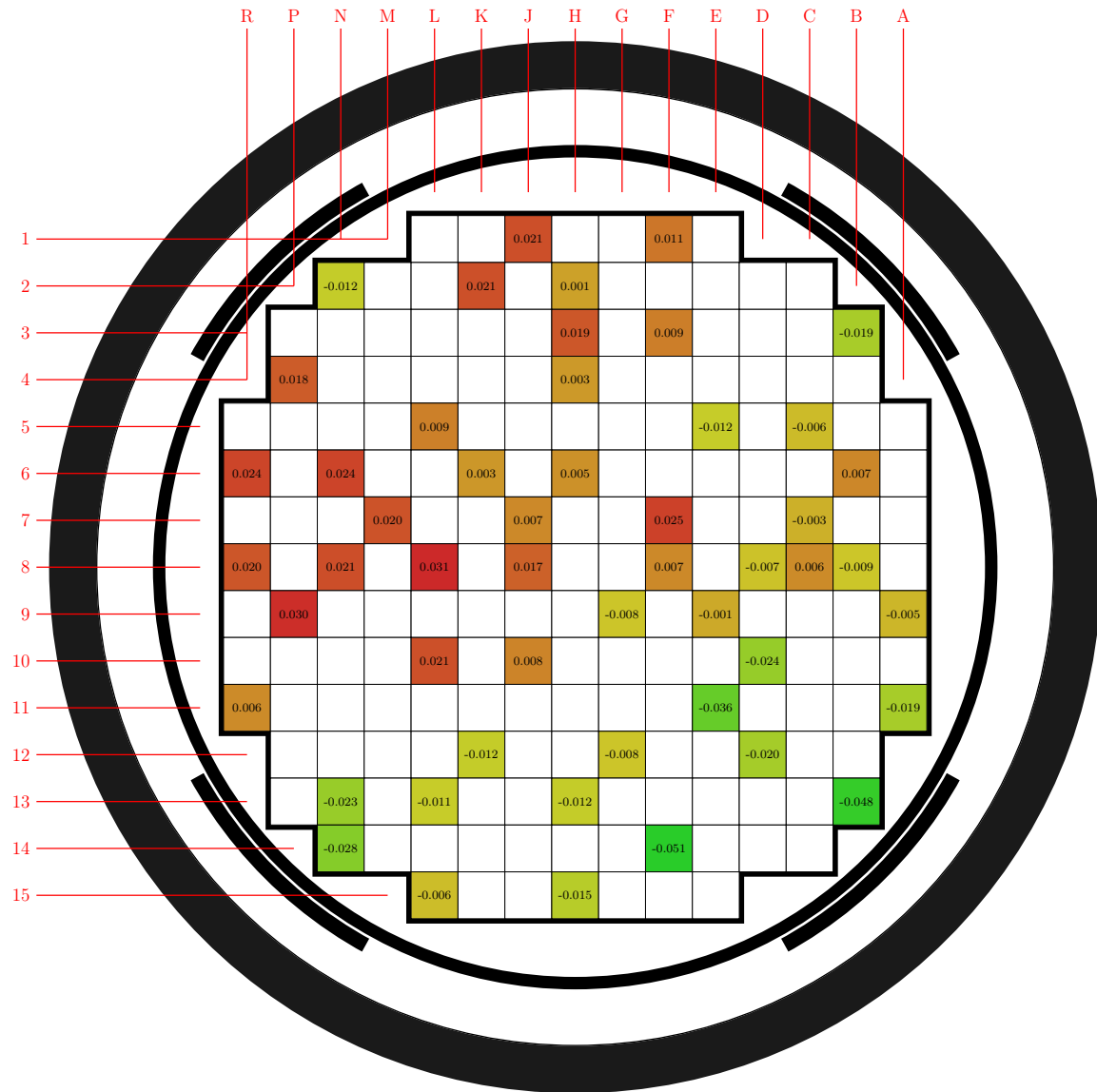


Figure 9: Radial detector absolute difference (simulate minus detector data).