

Measurements taken 42 calendar days since BOC.

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

- 1 2221.1 846. 228. 228. 228. 175. 230.
- 2 2221.5 846. 228. 228. 228. 175. 230.
- 3 2214.5 846. 228. 228. 228. 175. 230.
- 4 2213.2 846. 228. 228. 228. 175. 230.
- 5 2219.3 846. 228. 228. 228. 175. 230.
- 6 2211.3 846. 228. 228. 228. 176. 230.
- 7 2201.7 846. 228. 228. 228. 176. 230.
- 8 2221.7 846. 228. 228. 228. 176. 230.
- 9 2237.1 846. 228. 228. 228. 176. 230.
- 10 2202.1 846. 228. 228. 228. 176. 230.
- 11 2221.2 846. 228. 228. 228. 177. 230.
- 12 2220.6 846. 228. 228. 228. 177. 230.

Average Power [MWt]: 2217.10833333

Inlet Coolant Temperature [°F]: 556.425

Core Burnup [MWD/MT]: 1408.3

Average Boron [ppm]: 846.0

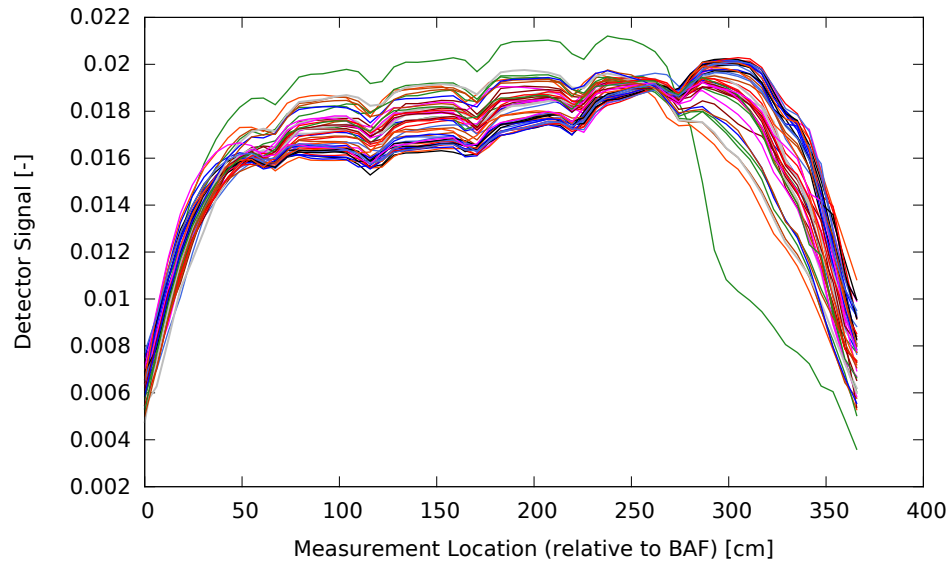


Figure 1: Renormalized data after spline

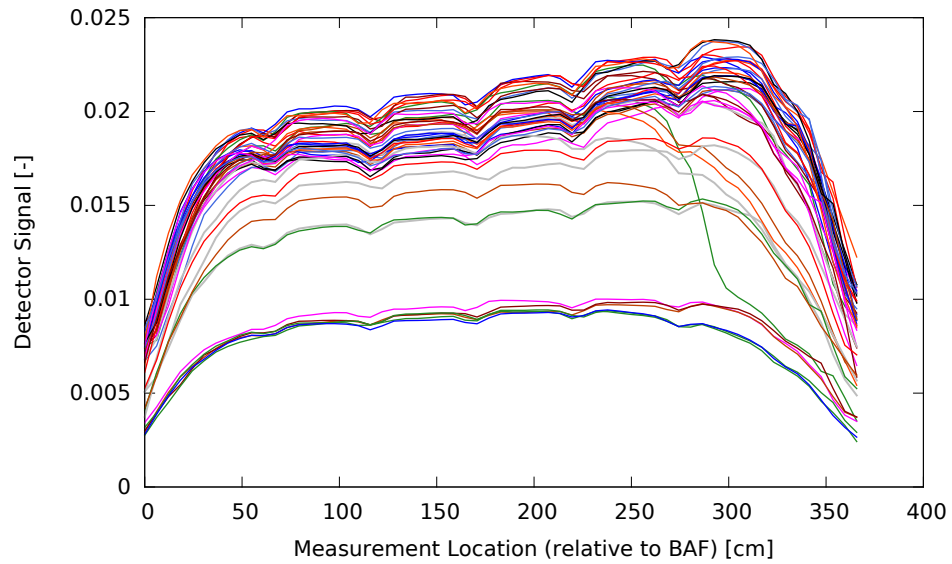


Figure 2: Unnormalized data after spline

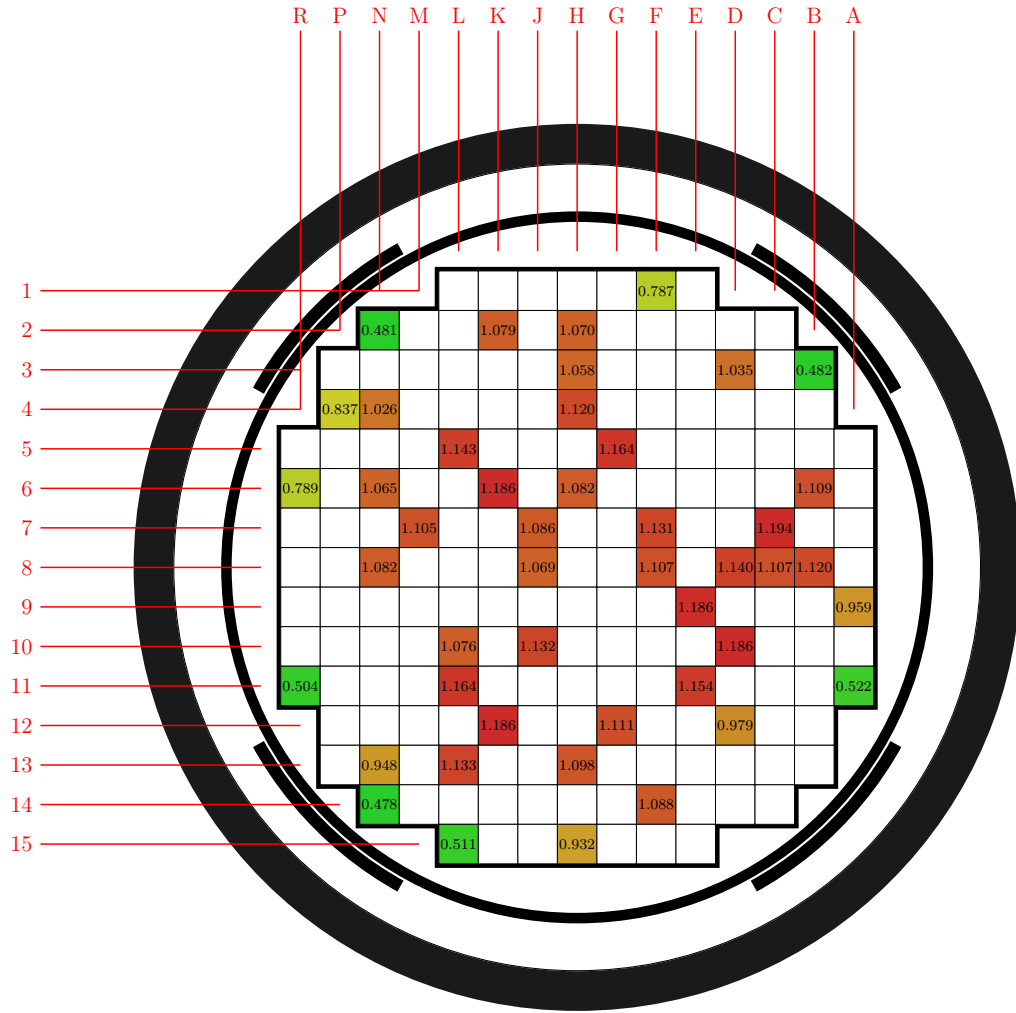


Figure 3: Radial detector measurements (axially integrated).

J1			F1	0.787
N2	0.481		K2	1.079
H2	1.070		H3	1.058
F3			D3	1.035
B3	0.482		P4	0.837
N4	1.026		H4	1.120
L5	1.143		G5	1.164
E5			C5	
R6	0.789		N6	1.065
K6	1.186		H6	1.082
B6	1.109		M7	1.105
J7	1.086		F7	1.131
C7	1.194		R8	
N8	1.082		L8	
J8	1.069		F8	1.107
D8	1.140		C8	1.107
B8	1.120		G9	
E9	1.186		A9	0.959
L10	1.076		J10	1.132
D10	1.186		R11	0.504
L11	1.164		H11	
E11	1.154		A11	0.522
K12	1.186		G12	1.111
D12	0.979		N13	0.948
L13	1.133		H13	1.098
N14	0.478		J14	
F14	1.088		L15	0.511
H15	0.932			

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

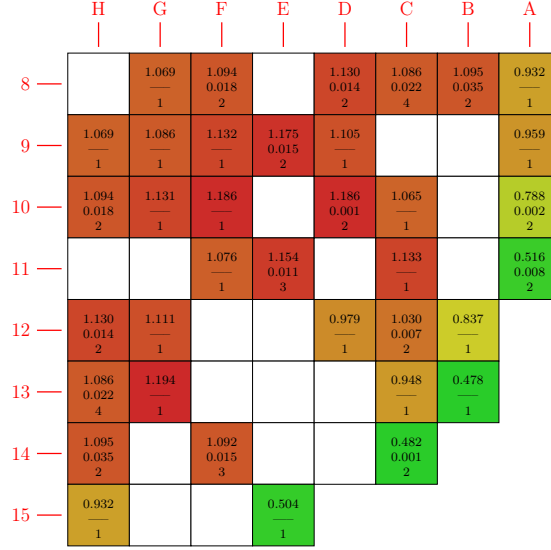


Figure 4: Quarter core (full core folded) radial measurements.

H9	1.069		D10	1.186
D12	0.979		E11	1.154
E15	0.504		B12	0.837
B13	0.478		C13	0.948
C12	1.030		C11	1.133
C10	1.065		F9	1.132
F8	1.094		C14	0.482
F11	1.076		A11	0.516
A10	0.788		F14	1.092
E9	1.175		H10	1.094
H12	1.130		H13	1.086
H14	1.095		H15	0.932
D9	1.105		D8	1.130
C8	1.086		B8	1.095
G13	1.194		G12	1.111
G10	1.131		A8	0.932
A9	0.959		F10	1.186
G8	1.069		G9	1.086

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

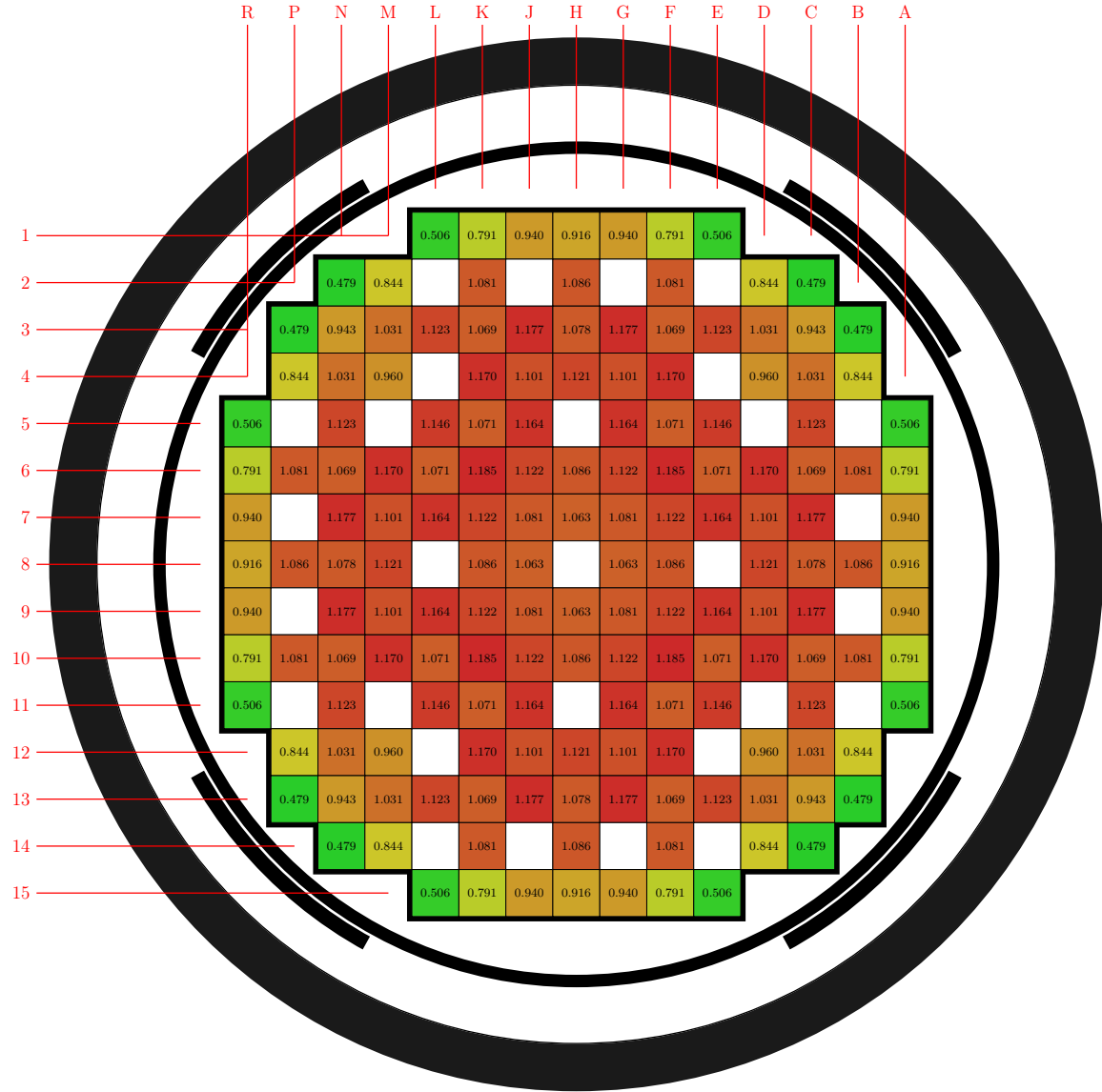


Figure 5: Radial detector measurements (tilt corrected).

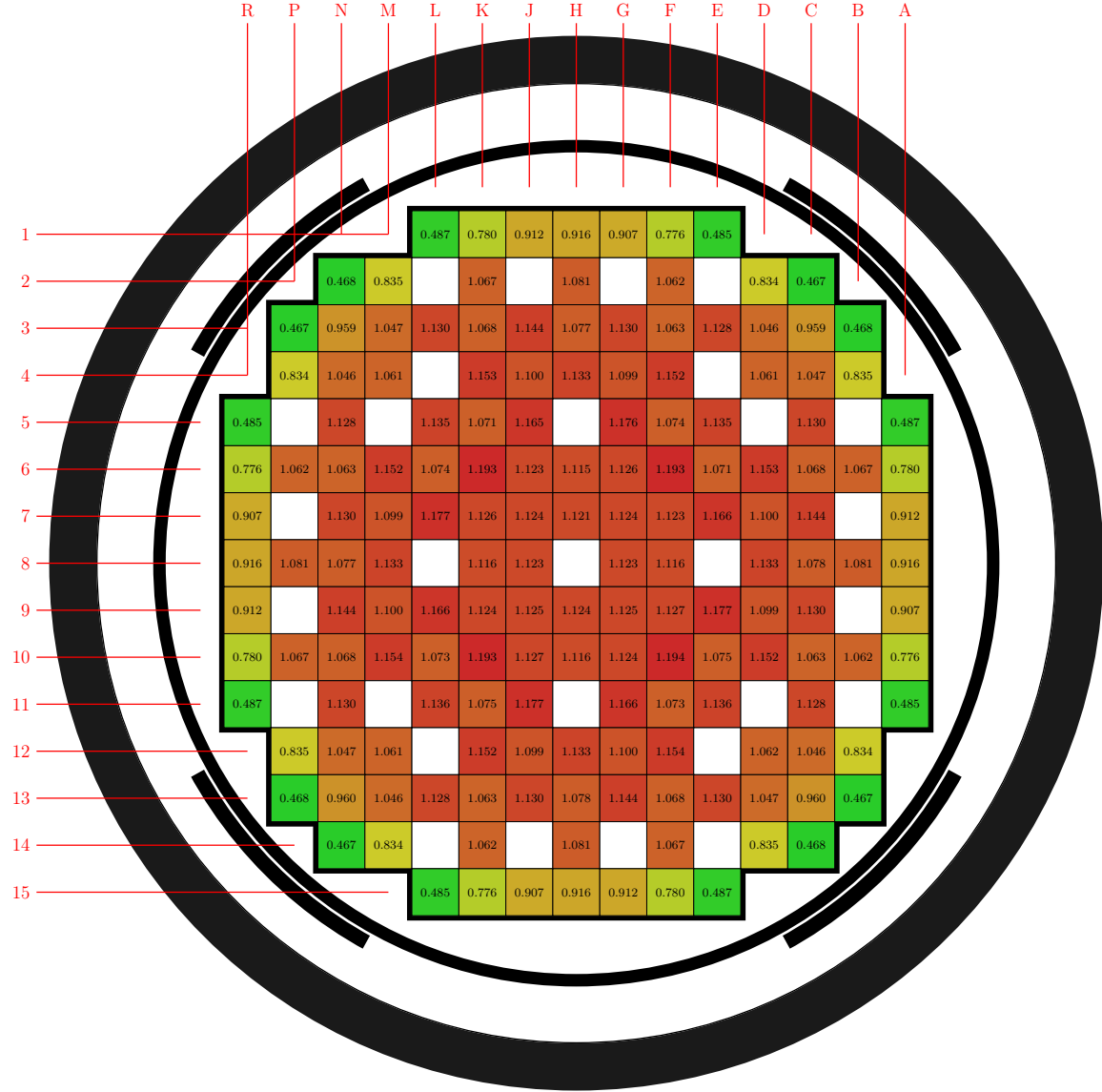


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

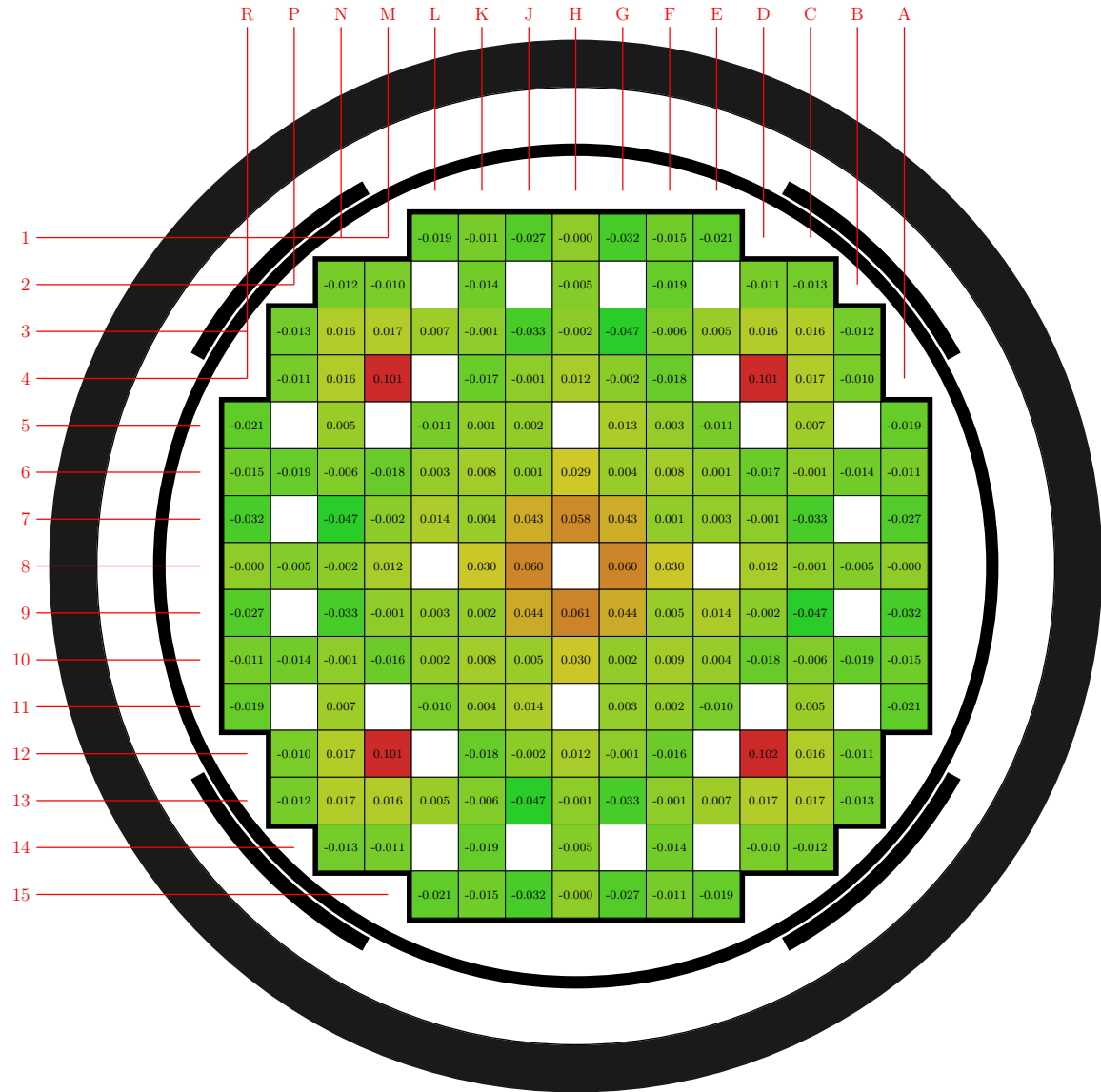


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

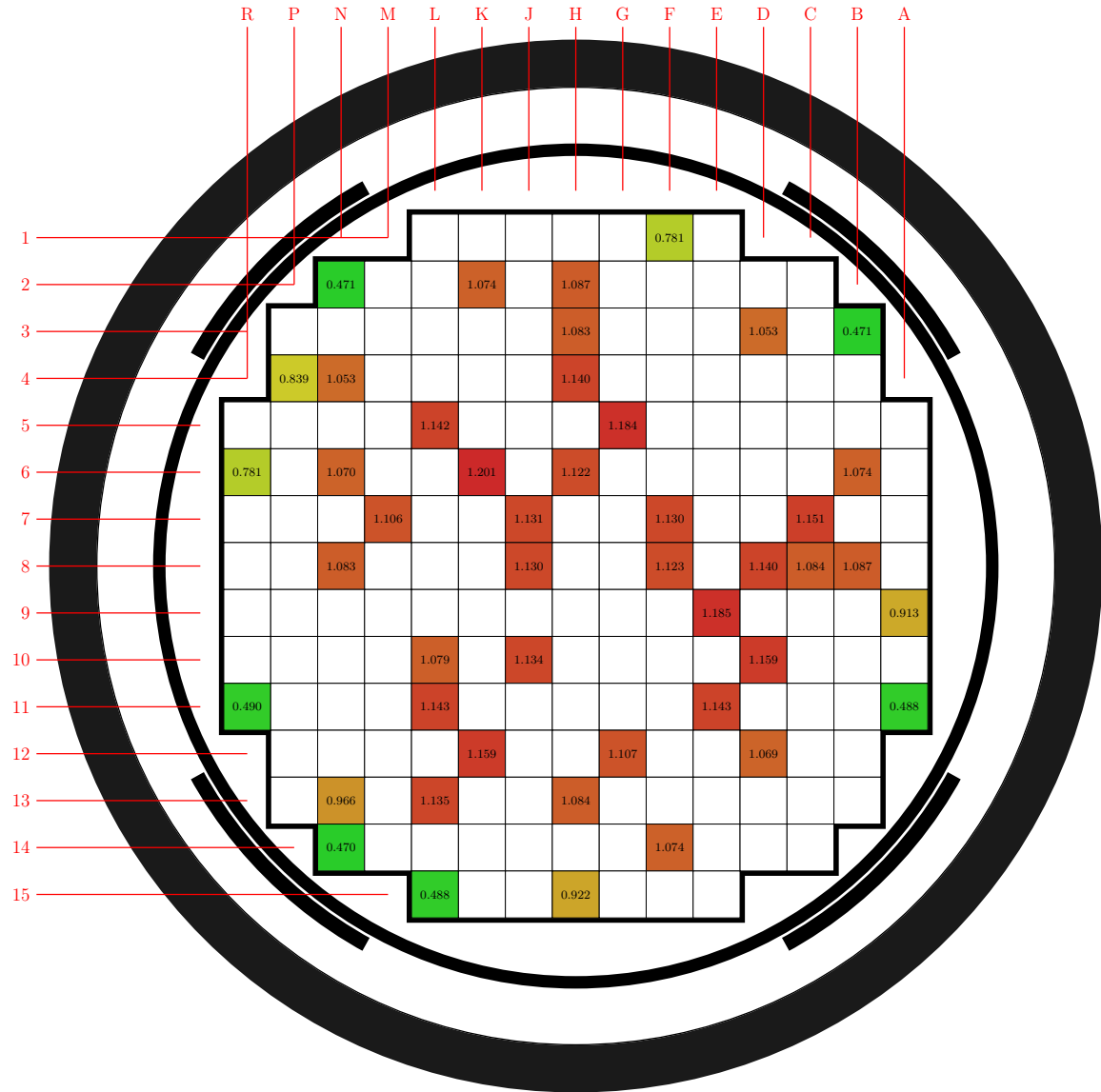


Figure 8: Radial detector measurements (simulate normalized to detector data).

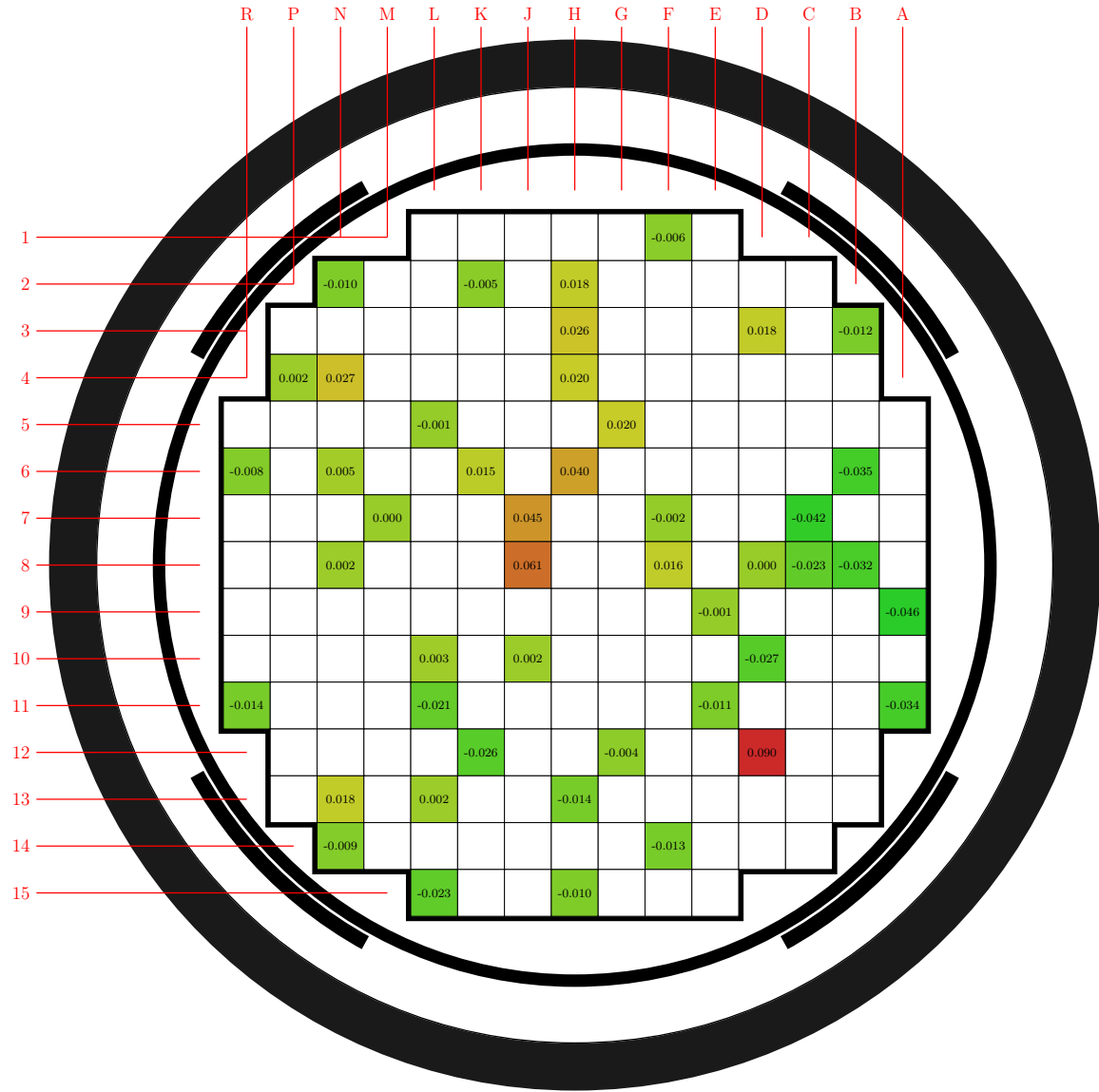


Figure 9: Radial detector absolute difference (simulate minus detector data).