

Figure 1: Renormalized data after spline

Measurements taken 10 calendar days since BOC.

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

- 1 2751.0 1054. 228. 228. 228. 176. 230.
- 2 2747.5 1054. 228. 228. 228. 176. 230.
- 3 2749.9 1054. 228. 228. 228. 176. 230.
- 4 2739.9 1054. 228. 228. 228. 176. 230.
- 5 2738.2 1054. 228. 228. 228. 176. 230.
- 6 2745.7 1054. 228. 228. 228. 176. 230.
- 7 2740.7 1054. 228. 228. 228. 176. 230.
- 8 2749.0 1054. 228. 228. 228. 176. 230.
- 9 2744.0 1054. 228. 228. 228. 176. 230.
- 10 2745.2 1054. 228. 228. 228. 177. 230.
- 11 2743.4 1054. 228. 228. 228. 177. 230.

Average Power [MWt]: 2744.95454545

Inlet Coolant Temperature [°F]: 557.975

Core Burnup [MWD/MT]: 126.5

Average Boron [ppm]: 1054.0

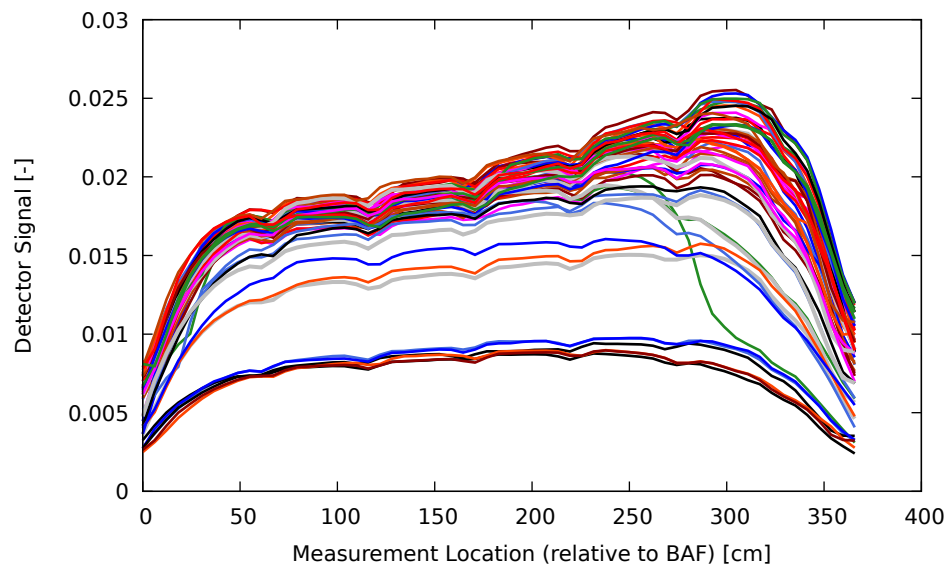


Figure 2: Unnormalized data after spline

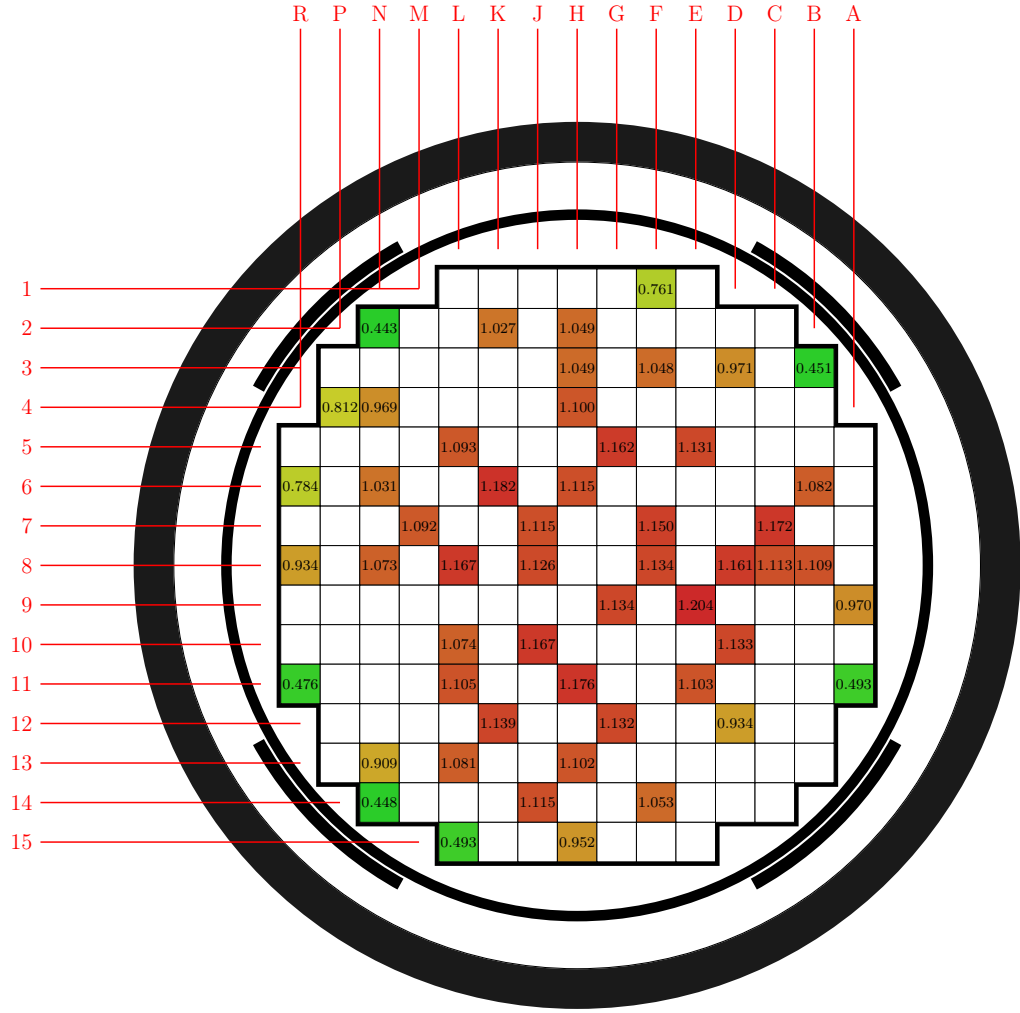


Figure 3: Radial detector measurements (axially integrated).

J1			F1	0.761
N2	0.443		K2	1.027
H2	1.049		H3	1.049
F3	1.048		D3	0.971
B3	0.451		P4	0.812
N4	0.969		H4	1.100
L5	1.093		G5	1.162
E5	1.131		C5	
R6	0.784		N6	1.031
K6	1.182		H6	1.115
B6	1.082		M7	1.092
J7	1.115		F7	1.150
C7	1.172		R8	0.934
N8	1.073		L8	1.167
J8	1.126		F8	1.134
D8	1.161		C8	1.113
B8	1.109		G9	1.134
E9	1.204		A9	0.970
L10	1.074		J10	1.167
D10	1.133		R11	0.476
L11	1.105		H11	1.176
E11	1.103		A11	0.493
K12	1.139		G12	1.132
D12	0.934		N13	0.909
L13	1.081		H13	1.102
N14	0.448		J14	1.115
F14	1.053		L15	0.493
H15	0.952			

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

	H	G	F	E	D	C	B	A
8		1.126 — 1	1.125 0.014 2	1.171 0.007 2	1.130 0.044 2	1.084 0.029 4	1.079 0.042 2	0.943 0.012 2
9	1.126 — 1	1.125 0.014 2	1.167 — 1	1.183 0.030 2	1.092 — 1		1.115 — 1	0.970 — 1
10	1.125 0.014 2	1.150 — 1	1.182 — 1		1.136 0.004 2	1.039 0.012 2		0.772 0.016 2
11	1.171 0.007 2		1.074 — 1	1.108 0.016 4		1.081 — 1		0.493 0.000 2
12	1.130 0.044 2	1.132 — 1			0.934 — 1	0.970 0.002 2	0.812 — 1	
13	1.084 0.029 4	1.172 — 1				0.909 — 1	0.448 — 1	
14	1.079 0.042 2		1.054 0.028 3			0.447 0.005 2		
15	0.943 0.012 2			0.476 — 1				

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

H9	1.126		D10	1.136
D12	0.934		E11	1.108
E15	0.476		B12	0.812
B13	0.448		C13	0.909
C12	0.970		C11	1.081
C10	1.039		F9	1.167
F8	1.125		C14	0.447
F11	1.074		A11	0.493
A10	0.772		F14	1.054
E8	1.171		E9	1.183
H10	1.125		H11	1.171
H12	1.130		H13	1.084
H14	1.079		H15	0.943
D9	1.092		D8	1.130
C8	1.084		B9	1.115
B8	1.079		G13	1.172
G12	1.132		G10	1.150
A8	0.943		A9	0.970
F10	1.182		G8	1.126
G9	1.125			

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

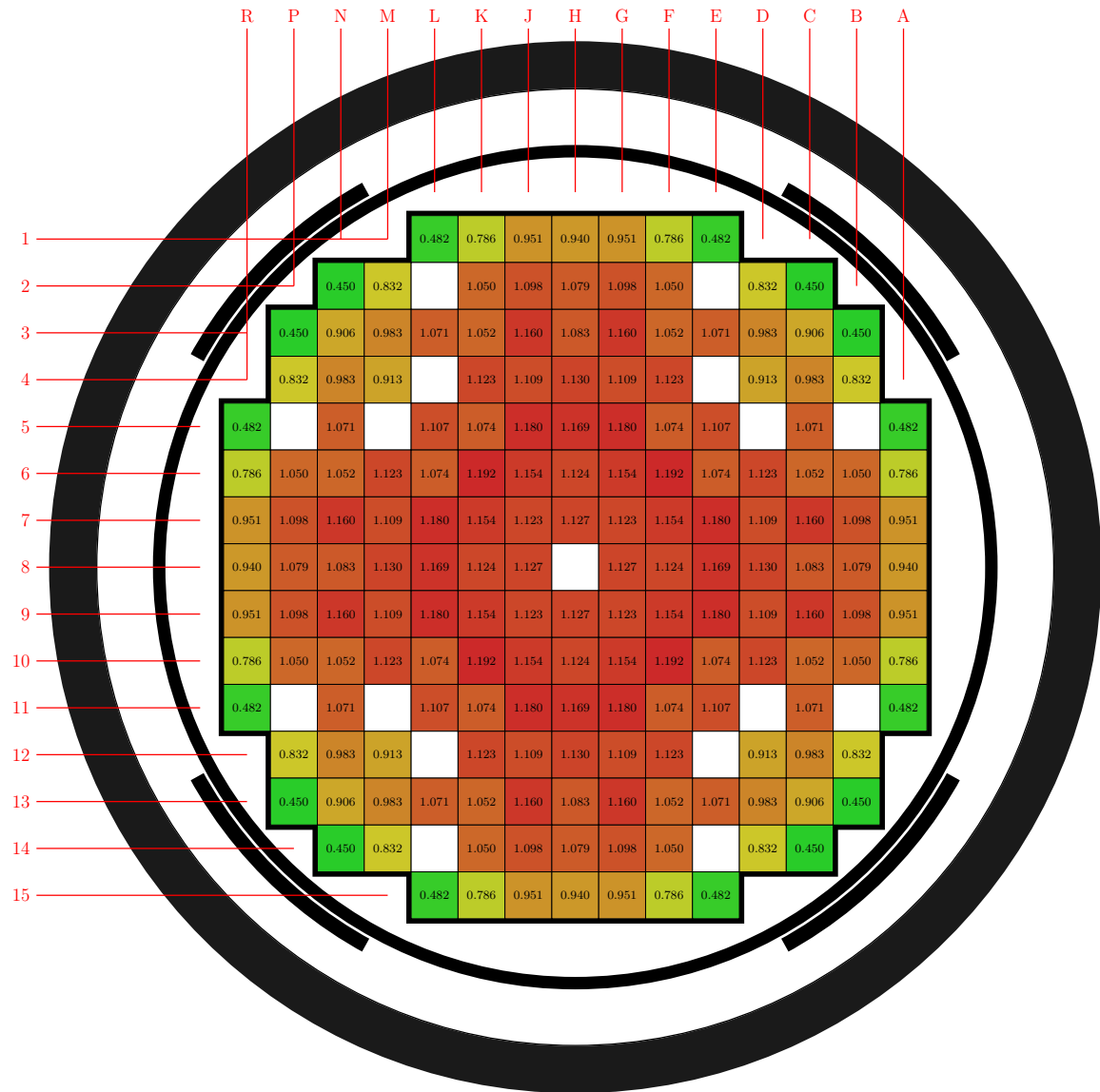


Figure 5: Radial detector measurements (tilt corrected).

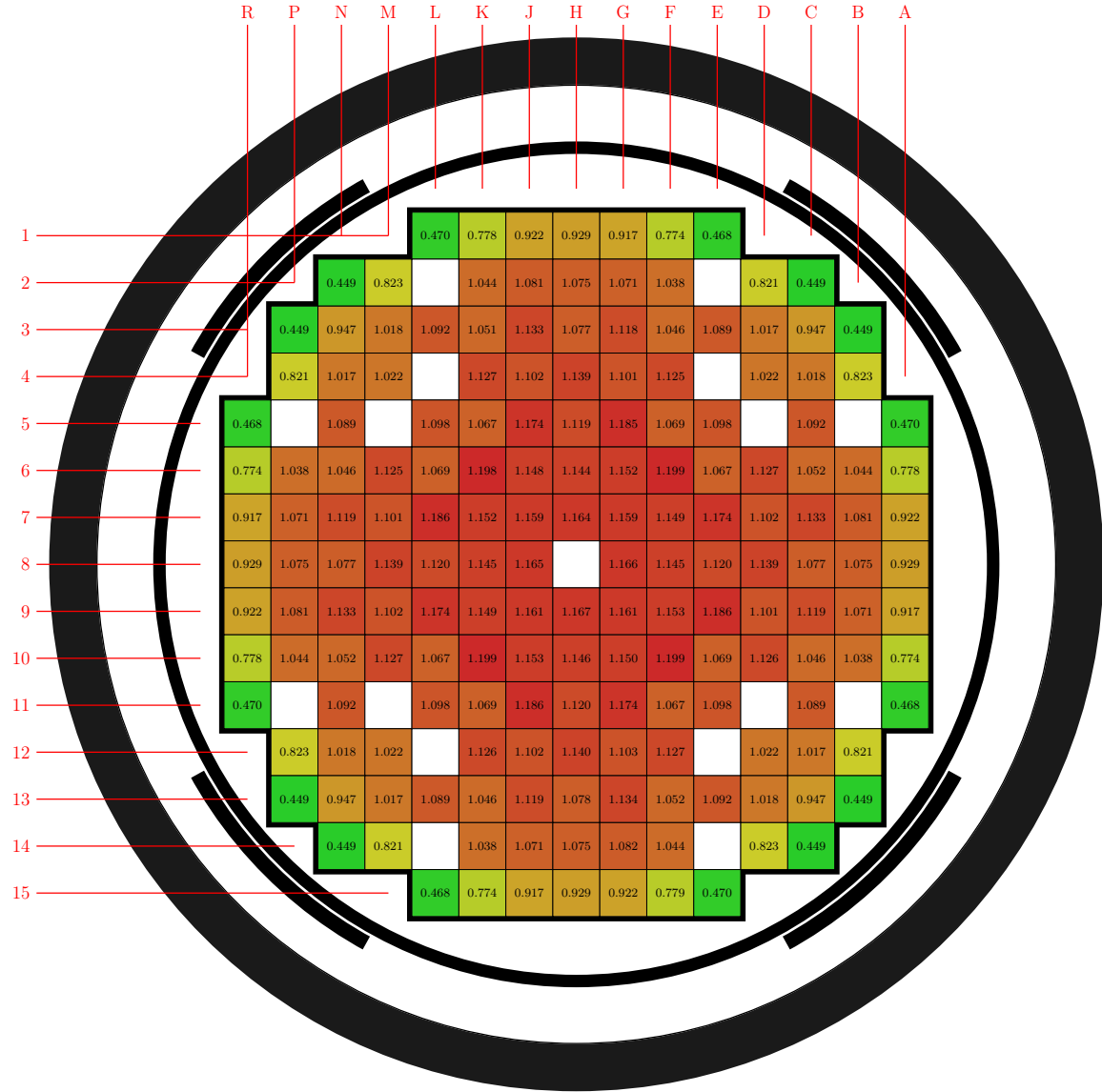


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

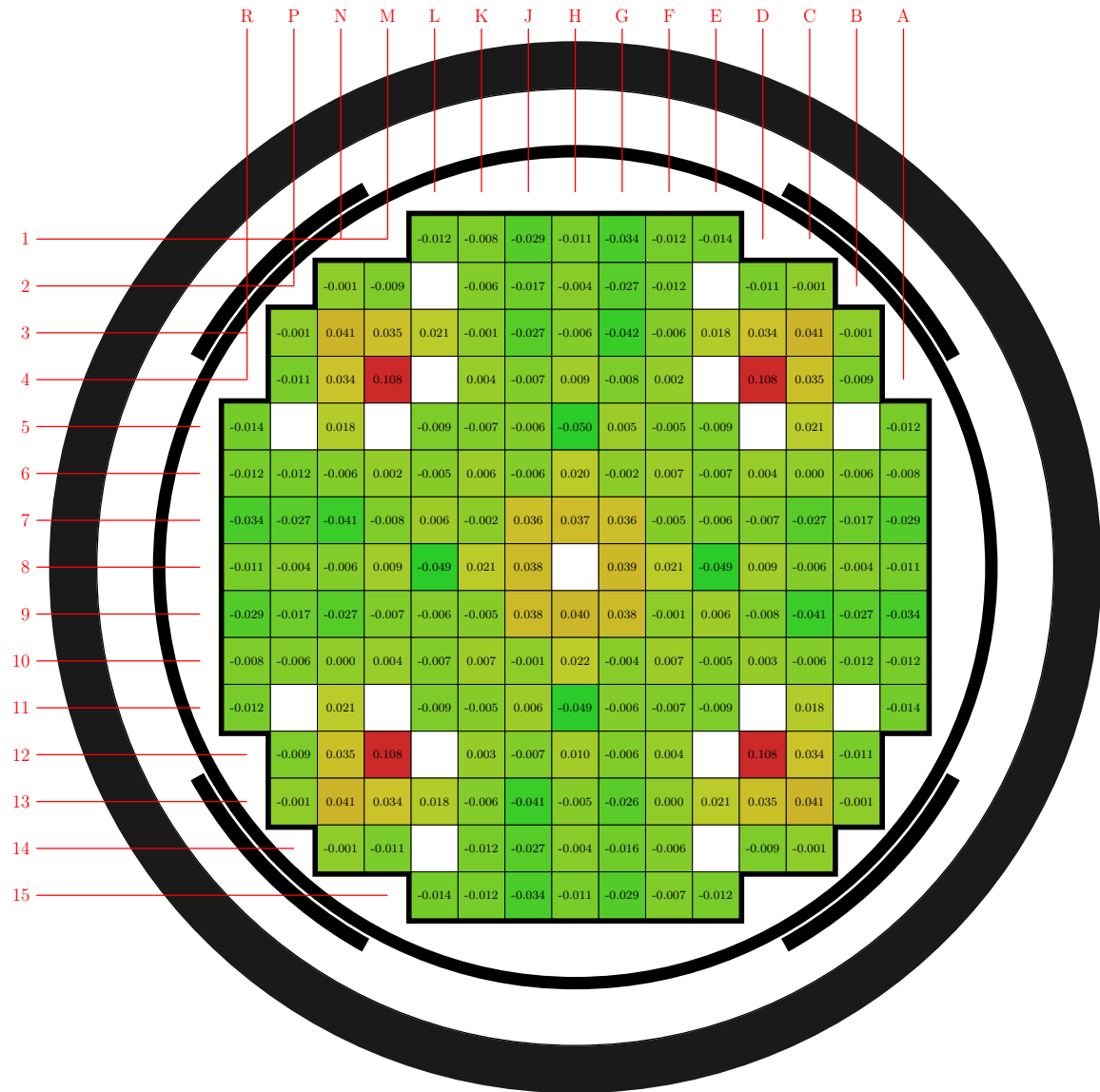


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

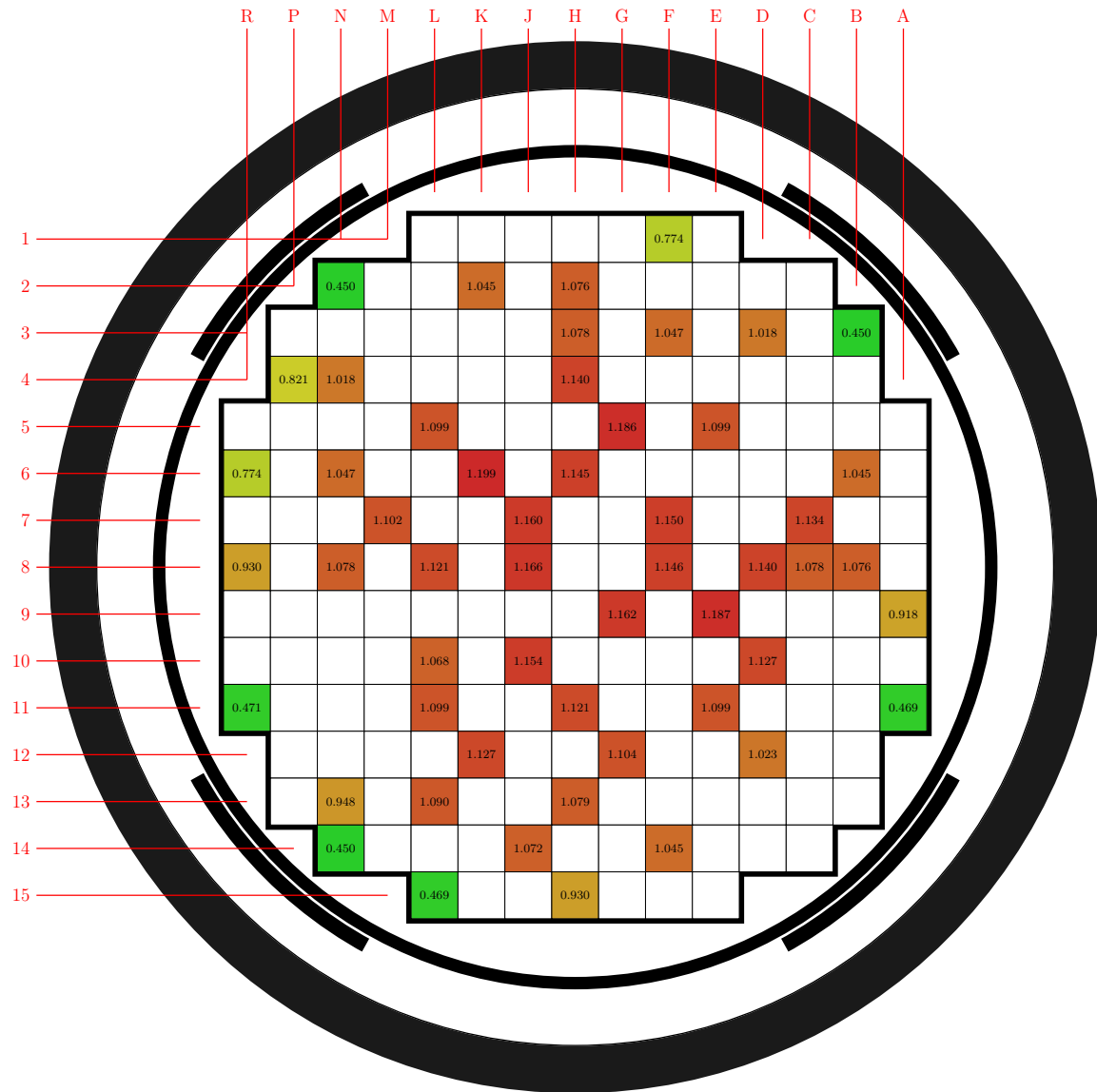


Figure 8: Radial detector measurements (simulate normalized to detector data).

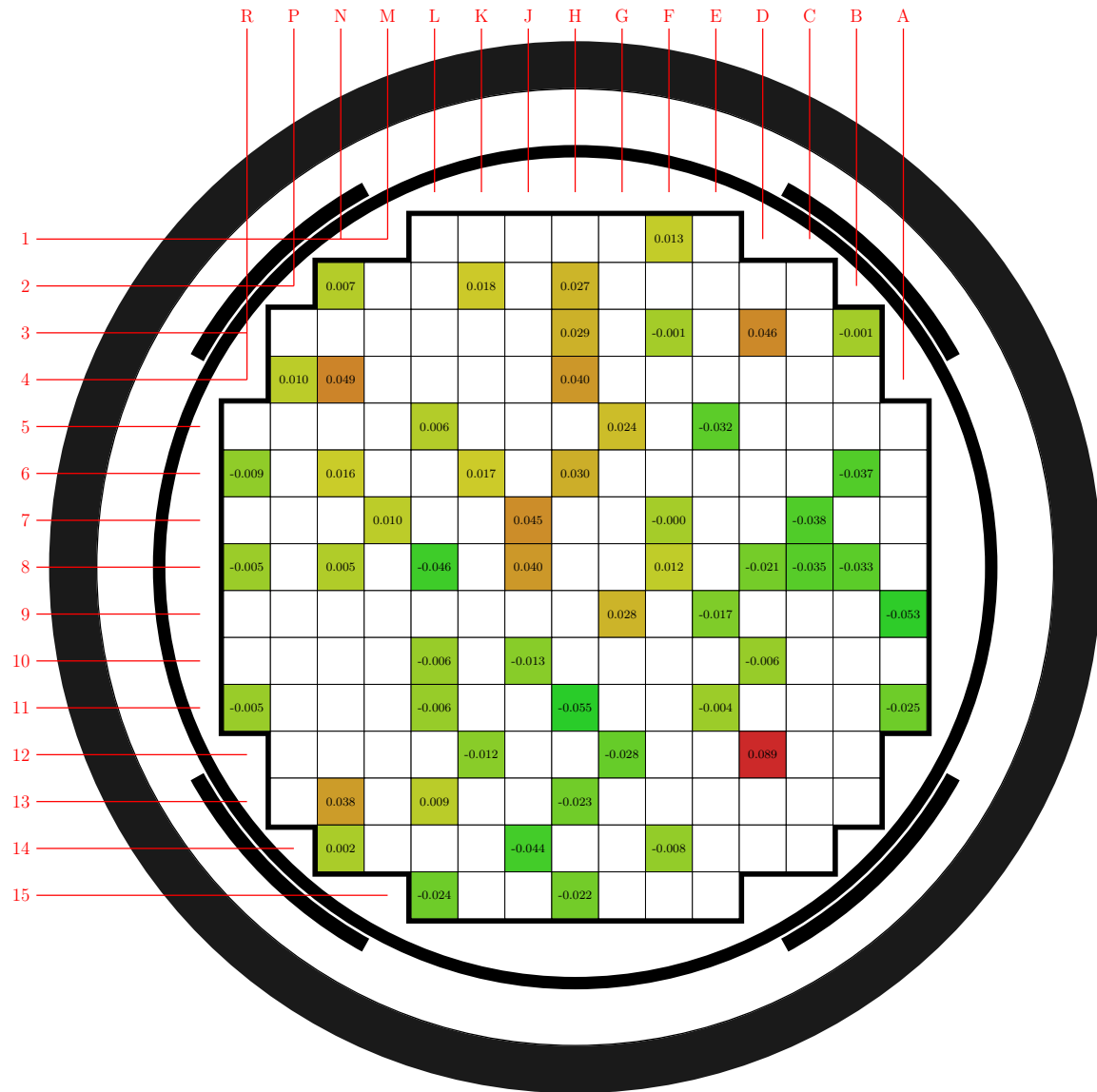


Figure 9: Radial detector absolute difference (simulate minus detector data).