

Measurements taken 65 calendar days since BOC.

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

- 1 3421.2 809. 228. 228. 228. 223. 230.
- 2 3420.6 809. 228. 228. 228. 223. 230.
- 3 3414.3 809. 228. 228. 228. 223. 230.
- 4 3422.2 809. 228. 228. 228. 223. 230.
- 5 3419.9 809. 228. 228. 228. 223. 230.
- 6 3417.1 809. 228. 228. 228. 223. 230.
- 7 3422.0 809. 228. 228. 228. 223. 230.
- 8 3418.5 809. 228. 228. 228. 223. 230.
- 9 3417.0 809. 228. 228. 228. 223. 230.
- 10 3412.0 809. 228. 228. 228. 223. 230.
- 11 3412.5 809. 228. 228. 228. 223. 230.
- 12 3404.7 809. 228. 228. 228. 223. 230.
- 13 3413.1 809. 228. 228. 228. 222. 230.
- 14 3416.4 809. 228. 228. 228. 222. 230.
- 15 3416.5 809. 228. 228. 228. 220. 230.

Average Power [MWt]: 3416.53333333

Inlet Coolant Temperature [°F]: 561.025

Core Burnup [MWD/MT]: 2111.1

Average Boron [ppm]: 809.0

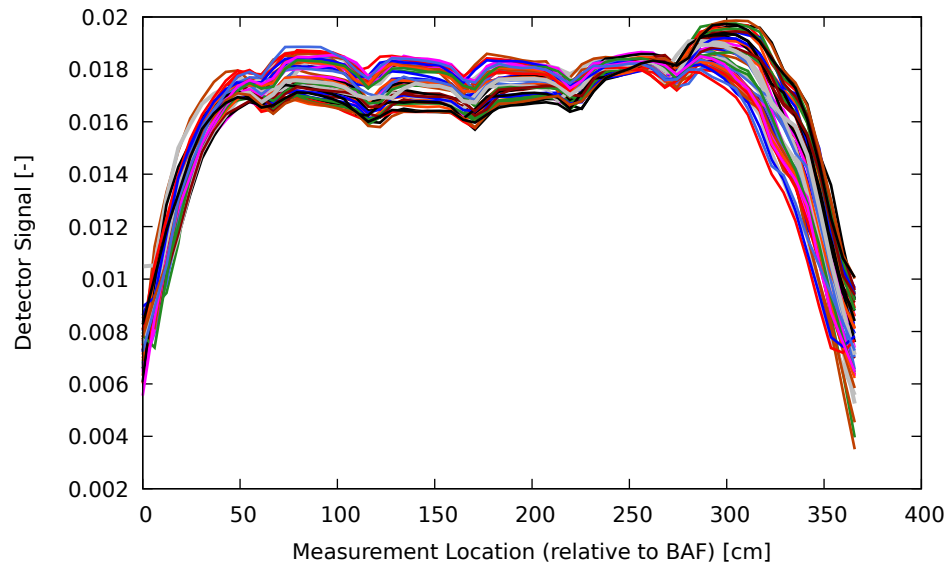


Figure 1: Renormalized data after spline

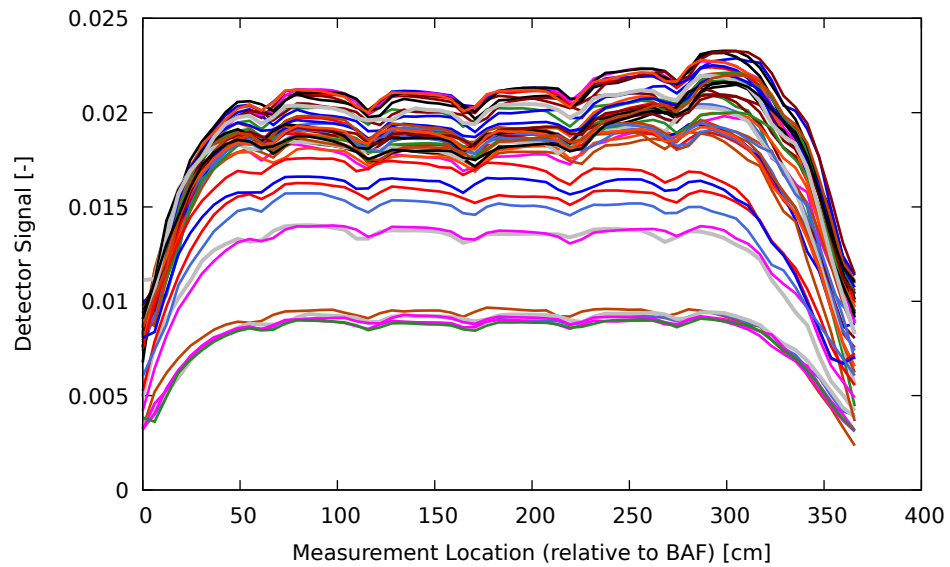


Figure 2: Unnormalized data after spline

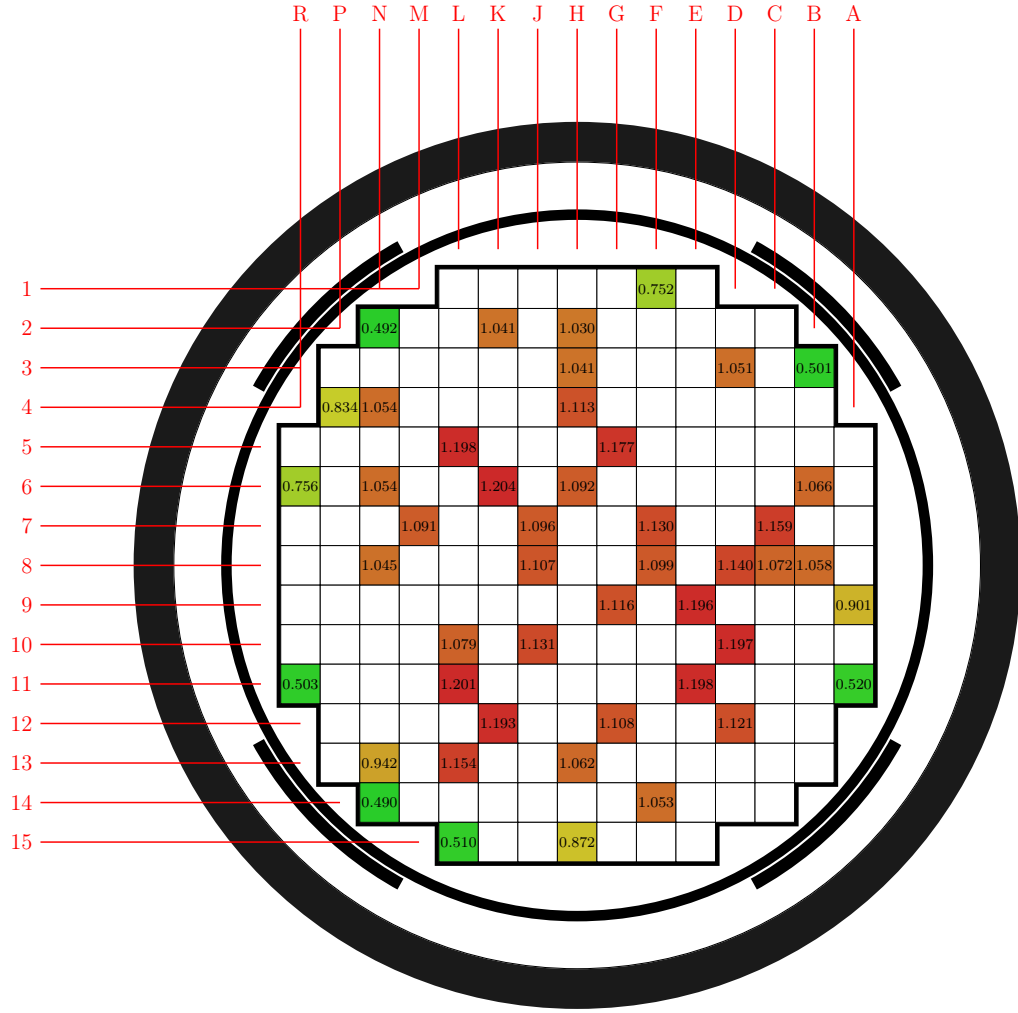


Figure 3: Radial detector measurements (axially integrated).

J1			F1	0.752
N2	0.492		K2	1.041
H2	1.030		H3	1.041
F3			D3	1.051
B3	0.501		P4	0.834
N4	1.054		H4	1.113
L5	1.198		G5	1.177
E5			C5	
R6	0.756		N6	1.054
K6	1.204		H6	1.092
B6	1.066		M7	1.091
J7	1.096		F7	1.130
C7	1.159		R8	
N8	1.045		L8	
J8	1.107		F8	1.099
D8	1.140		C8	1.072
B8	1.058		G9	1.116
E9	1.196		A9	0.901
L10	1.079		J10	1.131
D10	1.197		R11	0.503
L11	1.201		H11	
E11	1.198		A11	0.520
K12	1.193		G12	1.108
D12	1.121		N13	0.942
L13	1.154		H13	1.062
N14	0.490		J14	
F14	1.053		L15	0.510
H15	0.872			

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

	H	G	F	E	D	C	B	A
8		1.107 — 1	1.095 0.005 2		1.127 0.019 2	1.055 0.015 4	1.044 0.020 2	0.872 — 1
9	1.107 — 1	1.106 0.014 2	1.131 — 1	1.187 0.013 2	1.091 — 1			0.901 — 1
10	1.095 0.005 2	1.130 — 1	1.204 — 1		1.195 0.003 2	1.054 — 1		0.754 0.003 2
11			1.079 — 1	1.199 0.002 3		1.154 — 1		0.515 0.007 2
12	1.127 0.019 2	1.108 — 1			1.121 — 1	1.053 0.002 2	0.834 — 1	
13	1.055 0.015 4	1.159 — 1				0.942 — 1	0.490 — 1	
14	1.044 0.020 2		1.053 0.012 3			0.497 0.007 2		
15	0.872 — 1			0.503 — 1				

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

H9	1.107		D10	1.195
D12	1.121		E11	1.199
E15	0.503		B12	0.834
B13	0.490		C13	0.942
C12	1.053		C11	1.154
C10	1.054		F9	1.131
F8	1.095		C14	0.497
F11	1.079		A11	0.515
A10	0.754		F14	1.053
E9	1.187		H10	1.095
H12	1.127		H13	1.055
H14	1.044		H15	0.872
D9	1.091		D8	1.127
C8	1.055		B8	1.044
G13	1.159		G12	1.108
G10	1.130		A8	0.872
A9	0.901		F10	1.204
G8	1.107		G9	1.106

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

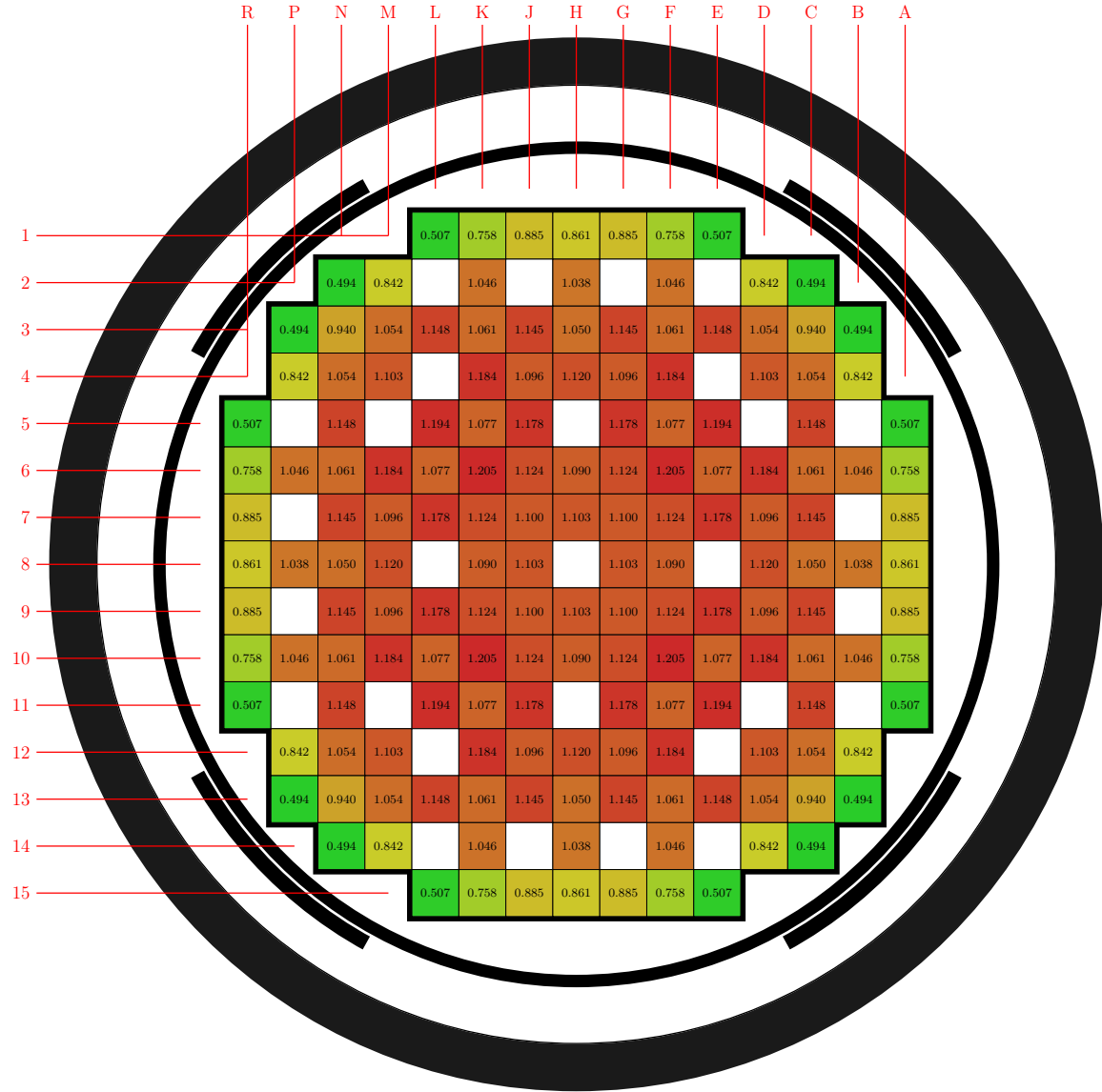


Figure 5: Radial detector measurements (tilt corrected).

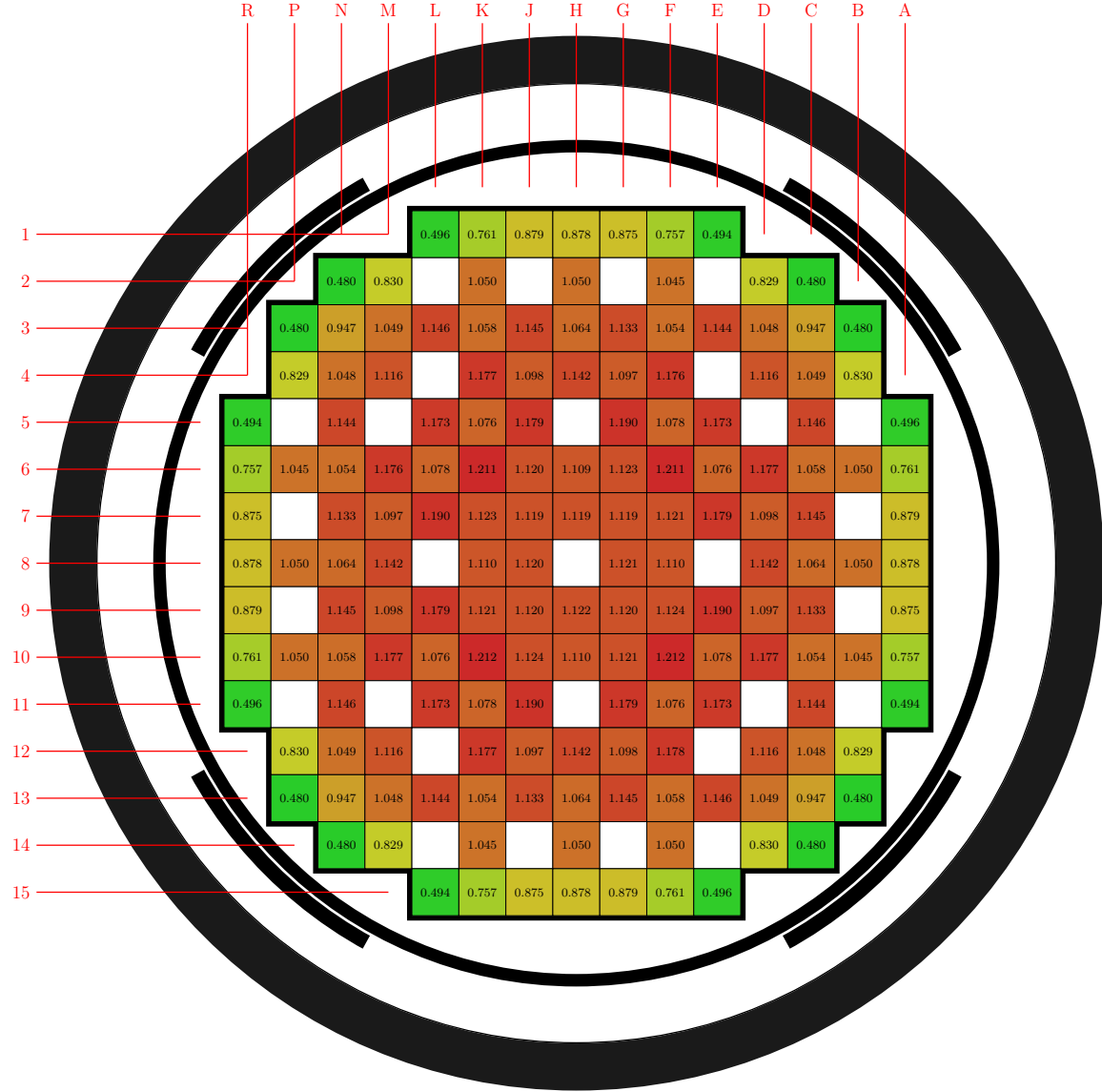


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

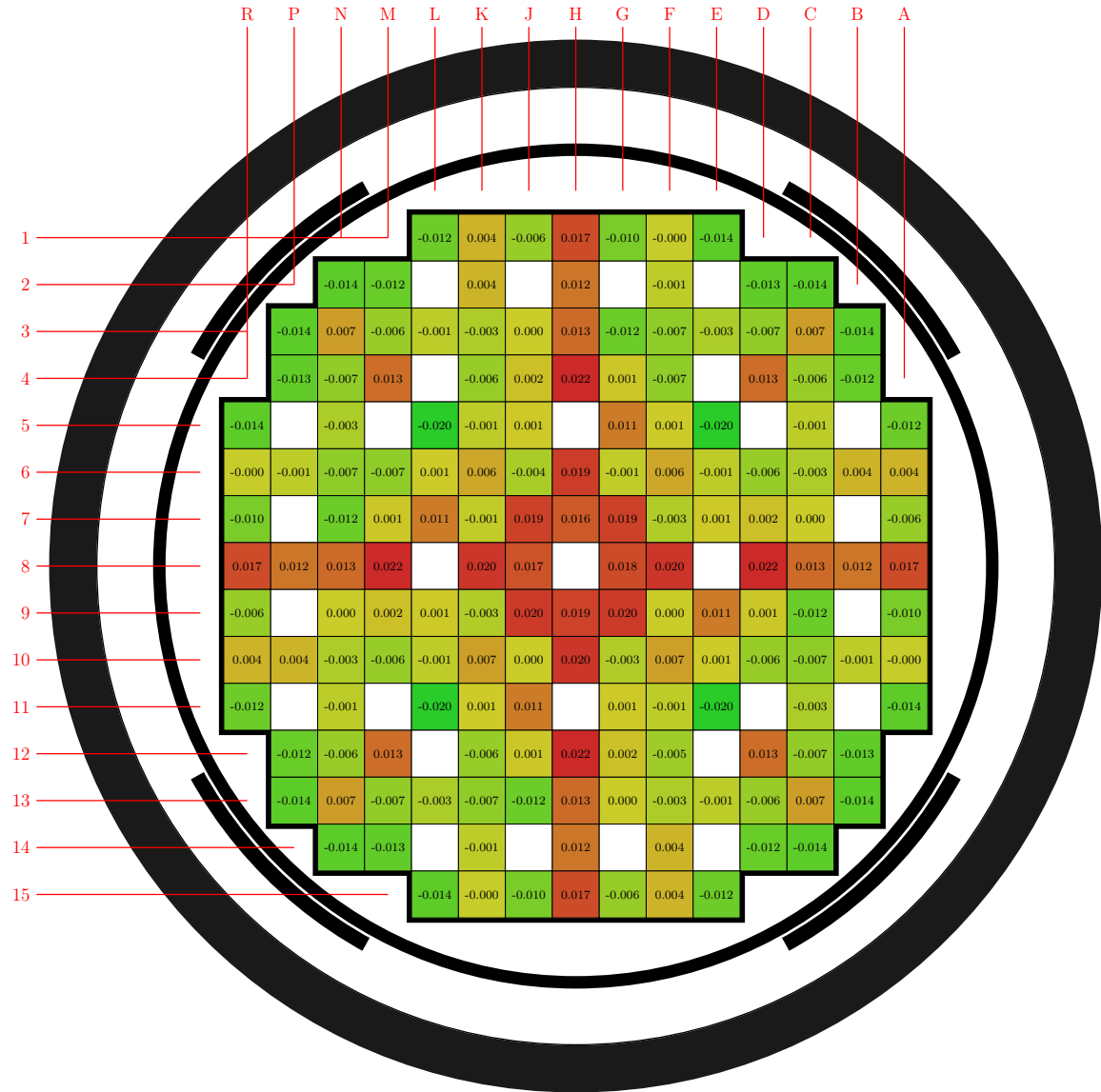


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

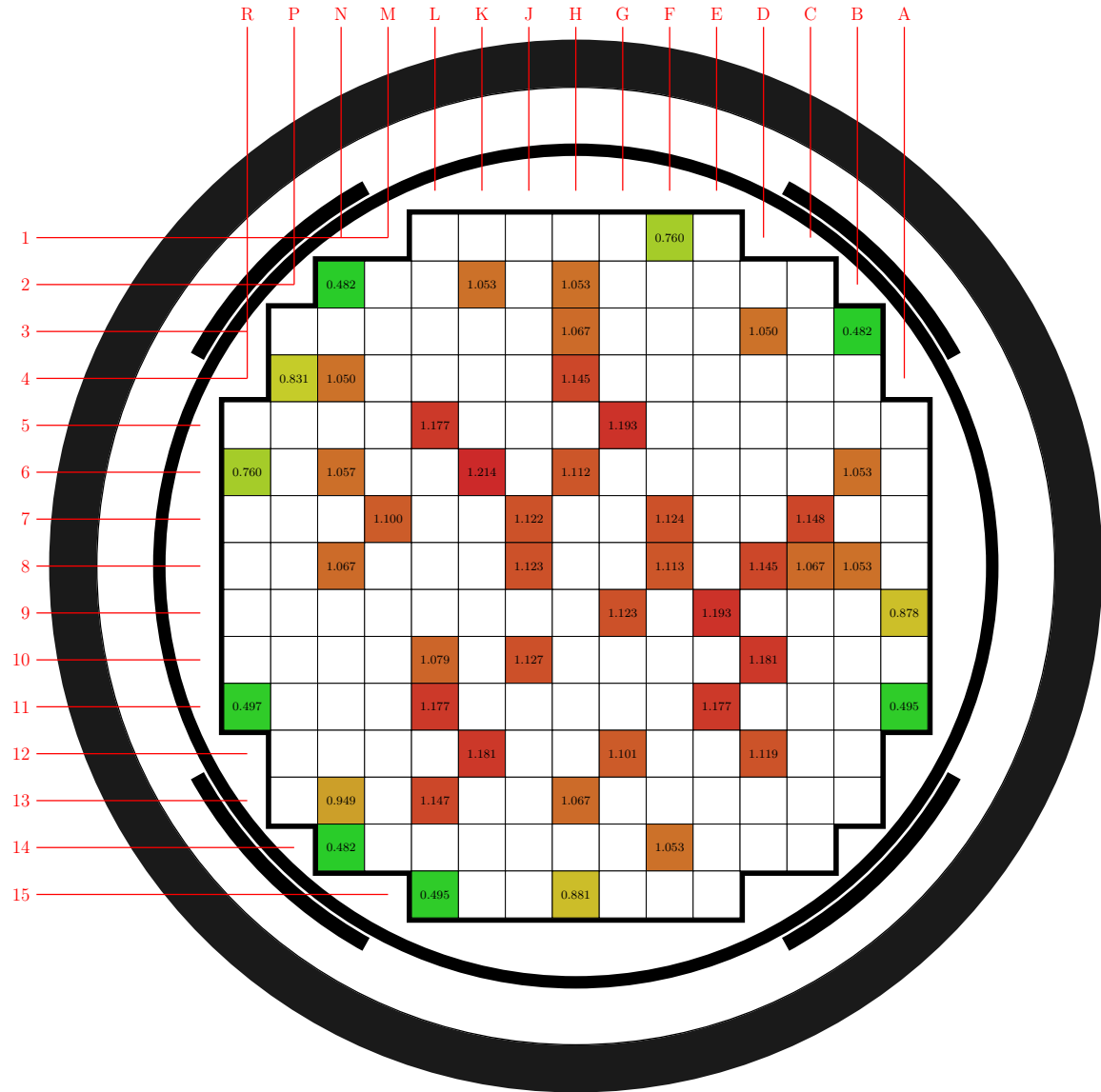


Figure 8: Radial detector measurements (simulate normalized to detector data).

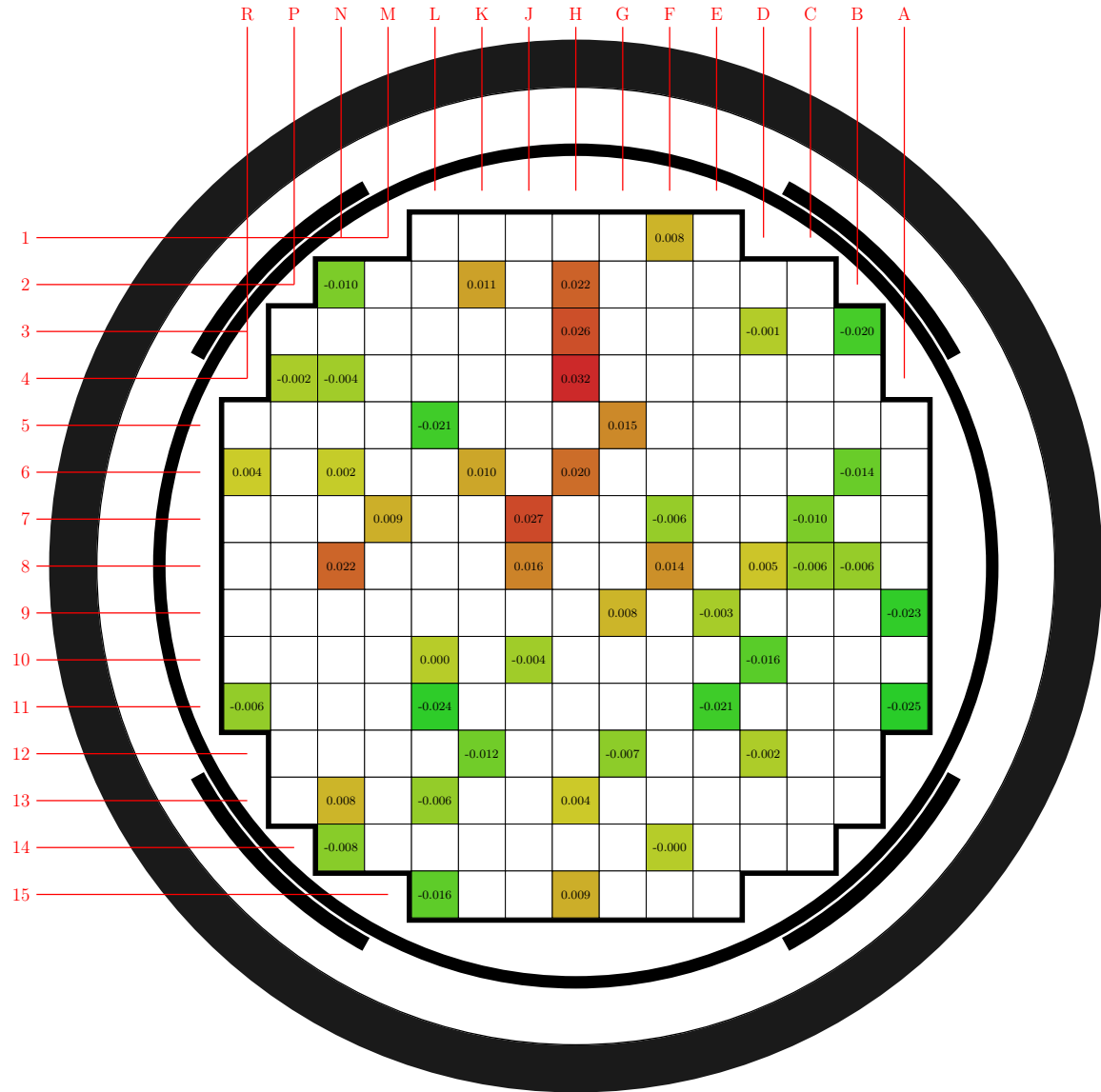


Figure 9: Radial detector absolute difference (simulate minus detector data).