

Measurements taken 54 calendar days since BOC.

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

- 1 1054.4 744. 228. 228. 229. 162. 230.
- 2 1065.3 761. 228. 228. 229. 162. 230.
- 3 1076.1 764. 228. 228. 229. 162. 230.
- 4 1087.0 753. 228. 228. 229. 162. 230.
- 5 1108.9 753. 228. 228. 229. 162. 230.
- 6 1100.0 752. 228. 228. 229. 162. 230.
- 7 1113.2 756. 228. 228. 229. 162. 230.
- 8 1129.4 769. 228. 228. 229. 162. 230.
- 9 1133.0 750. 228. 228. 229. 162. 230.
- 10 1127.6 745. 228. 228. 229. 162. 230.
- 11 1125.9 752. 228. 228. 229. 162. 230.
- 12 1125.9 762. 228. 228. 229. 162. 230.
- 13 1130.8 750. 228. 228. 229. 162. 230.

Average Power [MWt]: 1105.96153846

Inlet Coolant Temperature [°F]: 557.975

Core Burnup [MWD/MT]: 149.4

Average Boron [ppm]: 754.692307692

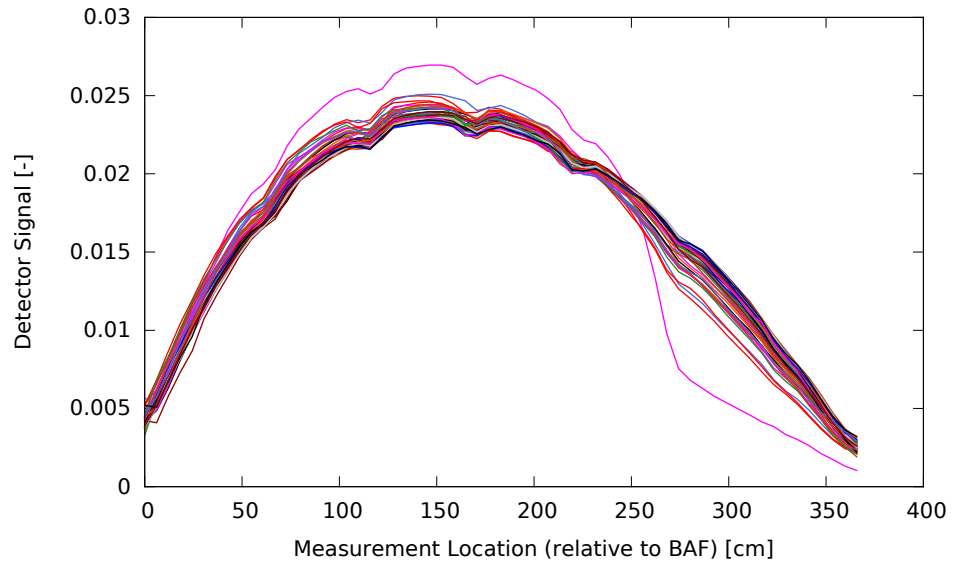


Figure 1: Renormalized data after spline

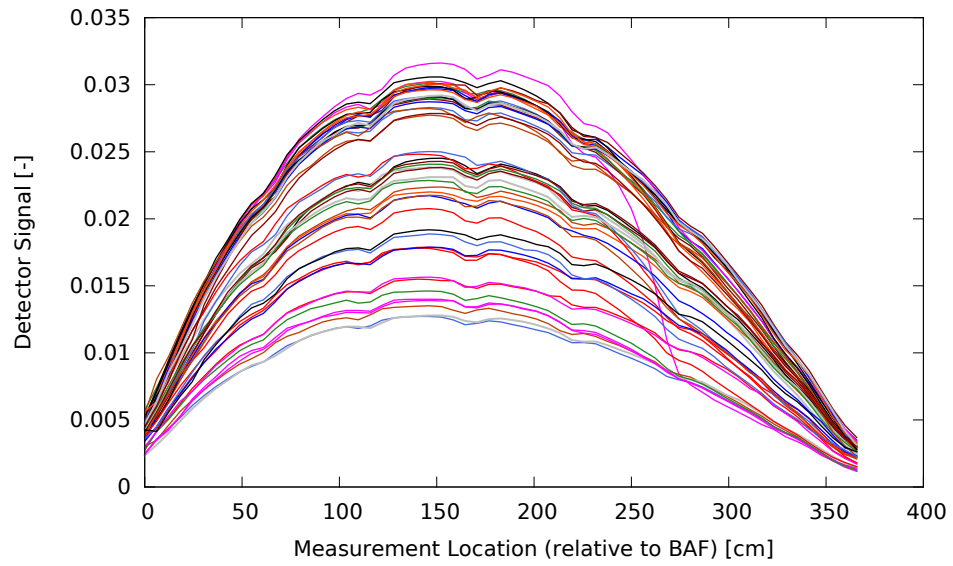


Figure 2: Unnormalized data after spline

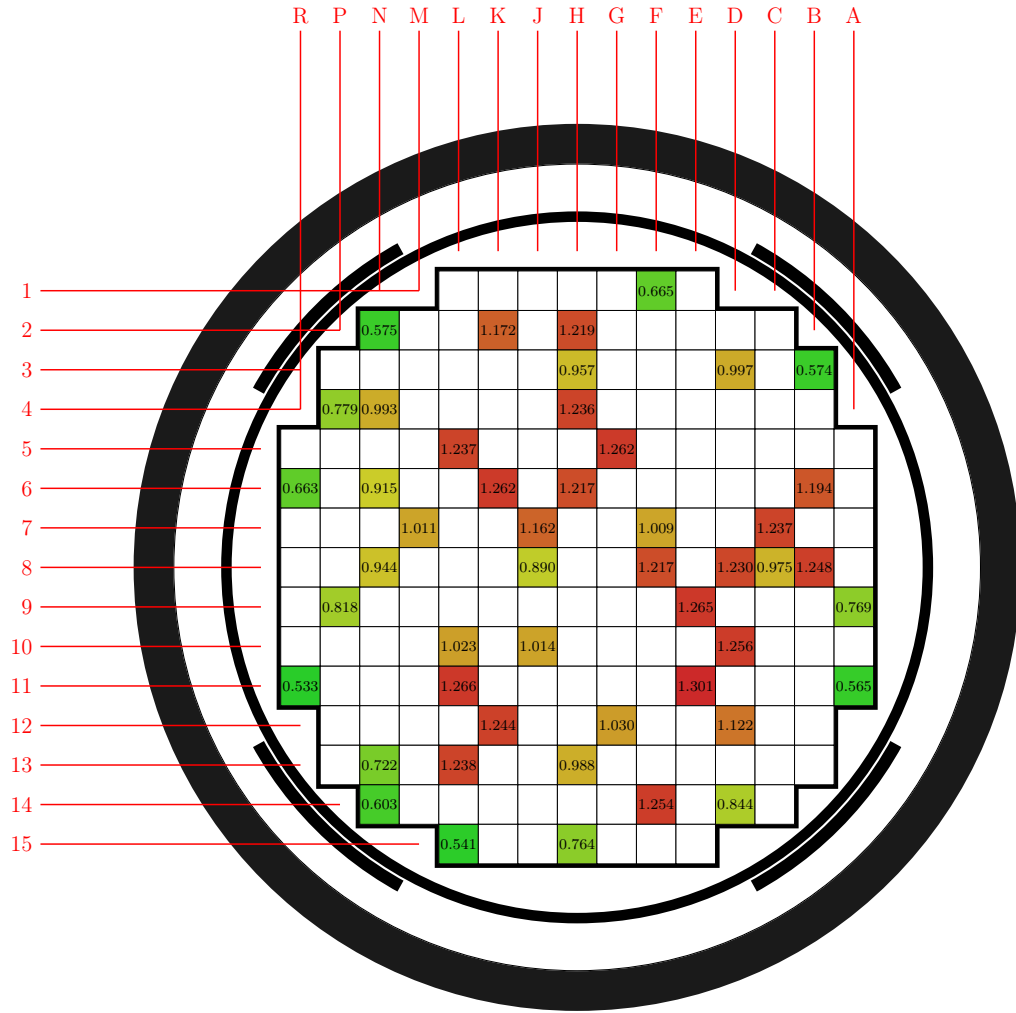


Figure 3: Radial detector measurements (axially integrated).

J1			F1	0.665
N2	0.575		K2	1.172
H2	1.219		H3	0.957
F3			D3	0.997
B3	0.574		P4	0.779
N4	0.993		H4	1.236
L5	1.237		G5	1.262
E5			C5	
R6	0.663		N6	0.915
K6	1.262		H6	1.217
B6	1.194		M7	1.011
J7	1.162		F7	1.009
C7	1.237		R8	
N8	0.944		L8	
J8	0.890		F8	1.217
D8	1.230		C8	0.975
B8	1.248		P9	0.818
G9			E9	1.265
A9	0.769		L10	1.023
J10	1.014		D10	1.256
R11	0.533		L11	1.266
H11			E11	1.301
A11	0.565		K12	1.244
G12	1.030		D12	1.122
N13	0.722		L13	1.238
H13	0.988		B13	
N14	0.603		J14	
F14	1.254		D14	0.844
L15	0.541		H15	0.764

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

	H	G	F	E	D	C	B	A
8		0.890 — 1	1.217 0.000 2		1.233 0.005 2	0.966 0.020 4	1.233 0.020 2	0.764 — 1
9	0.890 — 1	1.162 — 1	1.014 — 1	1.263 0.002 2	1.011 — 1			0.769 — 1
10	1.217 0.000 2	1.009 — 1	1.262 — 1		1.250 0.009 2	0.915 — 1		0.664 0.001 2
11			1.023 — 1	1.268 0.032 3		1.238 — 1		0.553 0.017 2
12	1.233 0.005 2	1.030 — 1			1.122 — 1	0.995 0.003 2	0.779 — 1	
13	0.966 0.020 4	1.237 — 1				0.722 — 1	0.603 — 1	
14	1.233 0.020 2	0.818 — 1	1.207 0.043 3		0.844 — 1	0.574 0.001 2		
15	0.764 — 1			0.533 — 1				

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

D14	0.844		H9	0.890
D10	1.250		D12	1.122
E11	1.268		E15	0.533
B12	0.779		B13	0.603
C13	0.722		C12	0.995
C11	1.238		C10	0.915
F9	1.014		F8	1.217
C14	0.574		F11	1.023
A11	0.553		A10	0.664
F14	1.207		E9	1.263
H10	1.217		H12	1.233
H13	0.966		H14	1.233
H15	0.764		D9	1.011
D8	1.233		C8	0.966
B8	1.233		G14	0.818
G13	1.237		G12	1.030
G10	1.009		A8	0.764
A9	0.769		F10	1.262
G8	0.890		G9	1.162

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

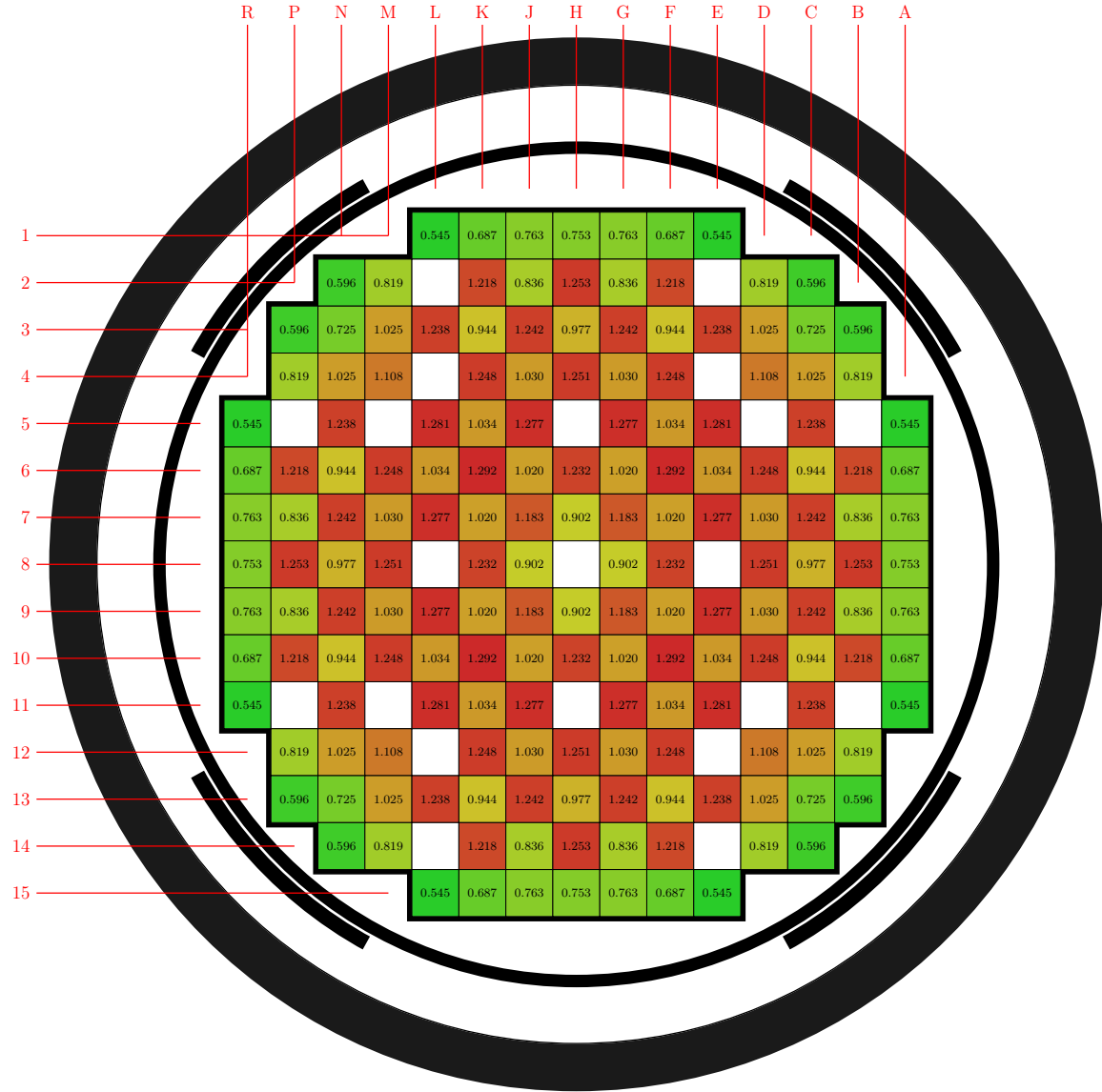


Figure 5: Radial detector measurements (tilt corrected).

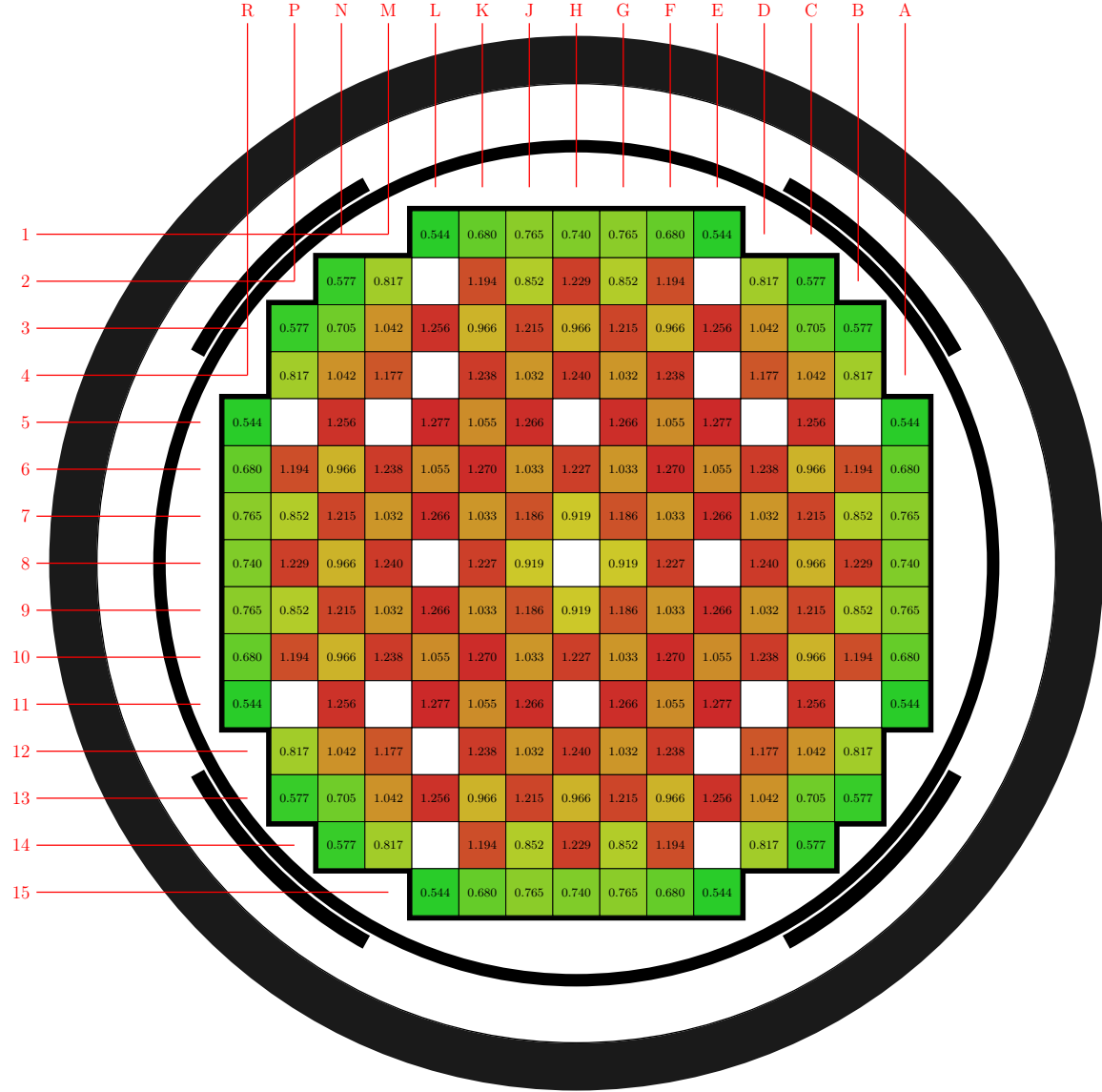


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

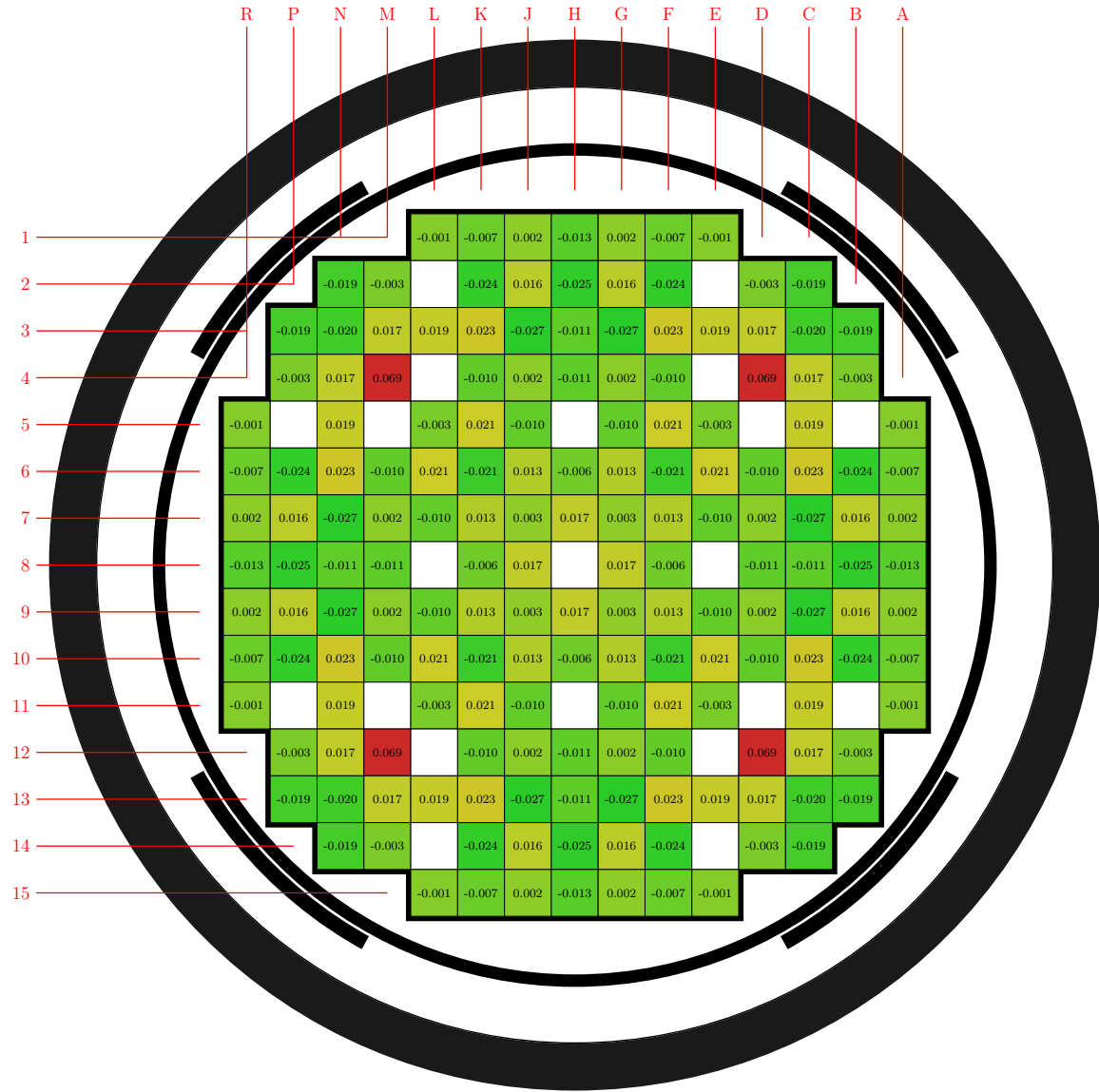


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

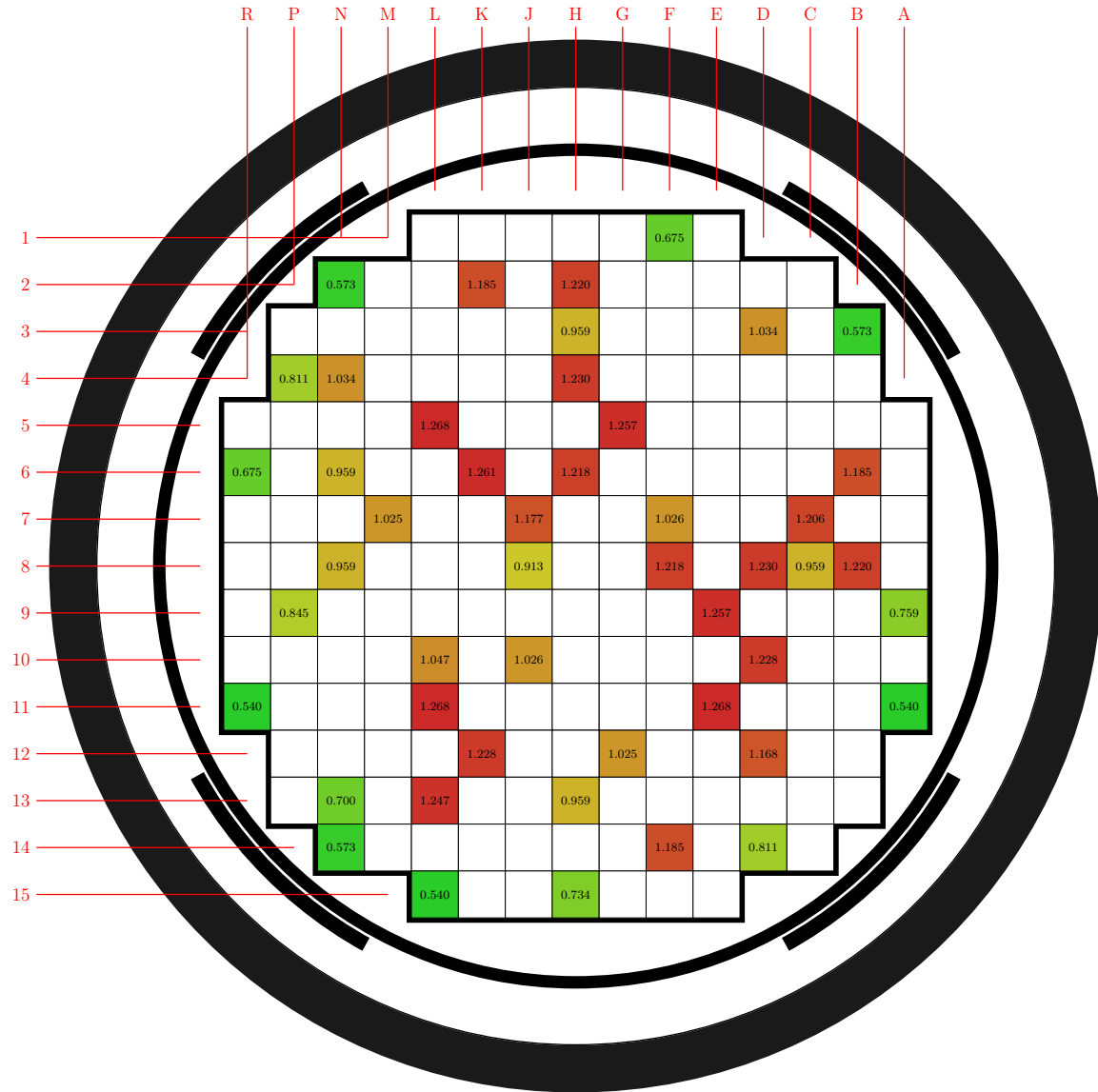


Figure 8: Radial detector measurements (simulate normalized to detector data).

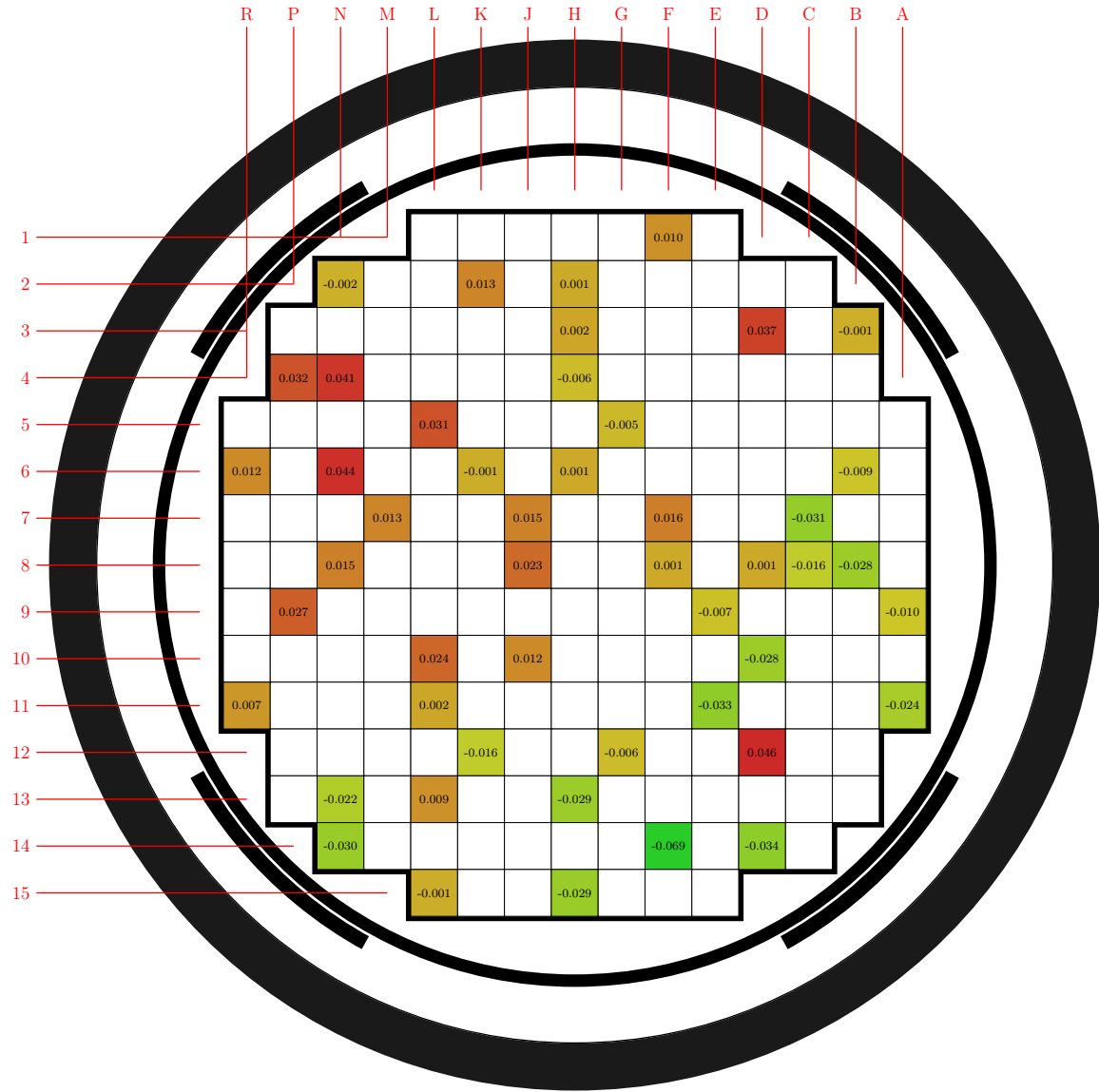


Figure 9: Radial detector absolute difference (simulate minus detector data).