

Measurements taken 92 calendar days since BOC.

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

- 1 3388.6 608. 228. 228. 228. 207. 230.
- 2 3407.7 606. 228. 228. 228. 207. 230.
- 3 3359.8 627. 228. 228. 228. 207. 230.
- 4 3359.8 631. 228. 228. 228. 207. 230.
- 5 3359.8 634. 228. 228. 228. 207. 230.
- 6 3359.8 633. 228. 228. 228. 207. 230.
- 7 3359.8 631. 228. 228. 228. 207. 230.
- 8 3359.8 622. 228. 228. 228. 207. 230.
- 9 3359.8 634. 228. 228. 228. 207. 230.
- 10 3359.8 617. 228. 228. 228. 207. 230.
- 11 3359.8 623. 228. 228. 228. 207. 230.
- 12 3359.8 616. 228. 228. 228. 207. 230.
- 13 3359.8 612. 228. 228. 228. 207. 230.

Average Power [MWt]: 3365.7

Inlet Coolant Temperature [°F]: 557.1

Core Burnup [MWD/MT]: 1023.3

Average Boron [ppm]: 622.615384615

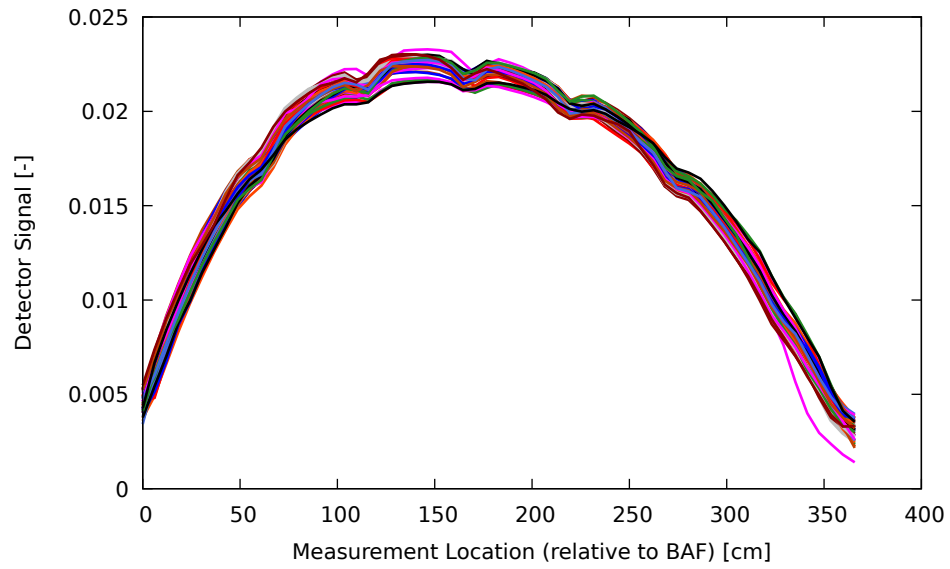


Figure 1: Renormalized data after spline

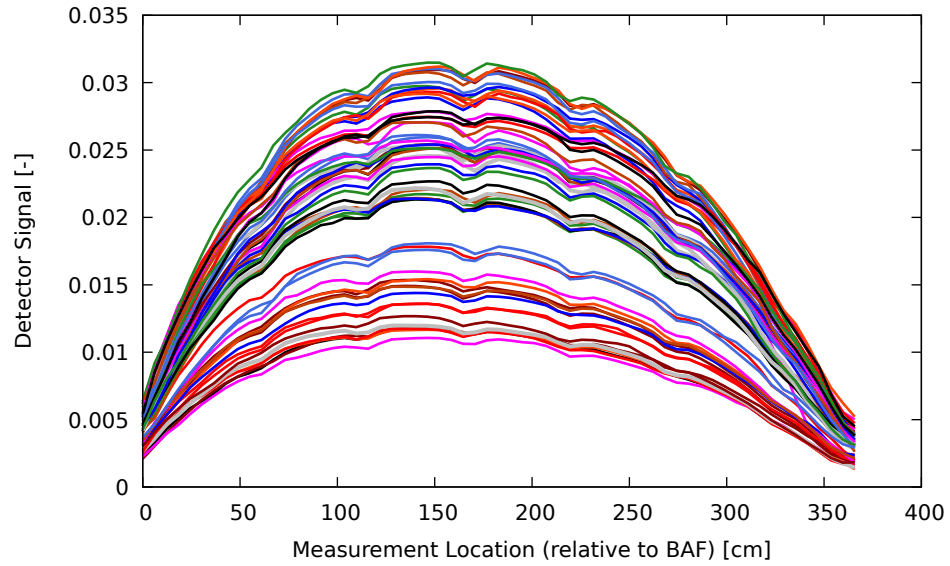


Figure 2: Unnormalized data after spline

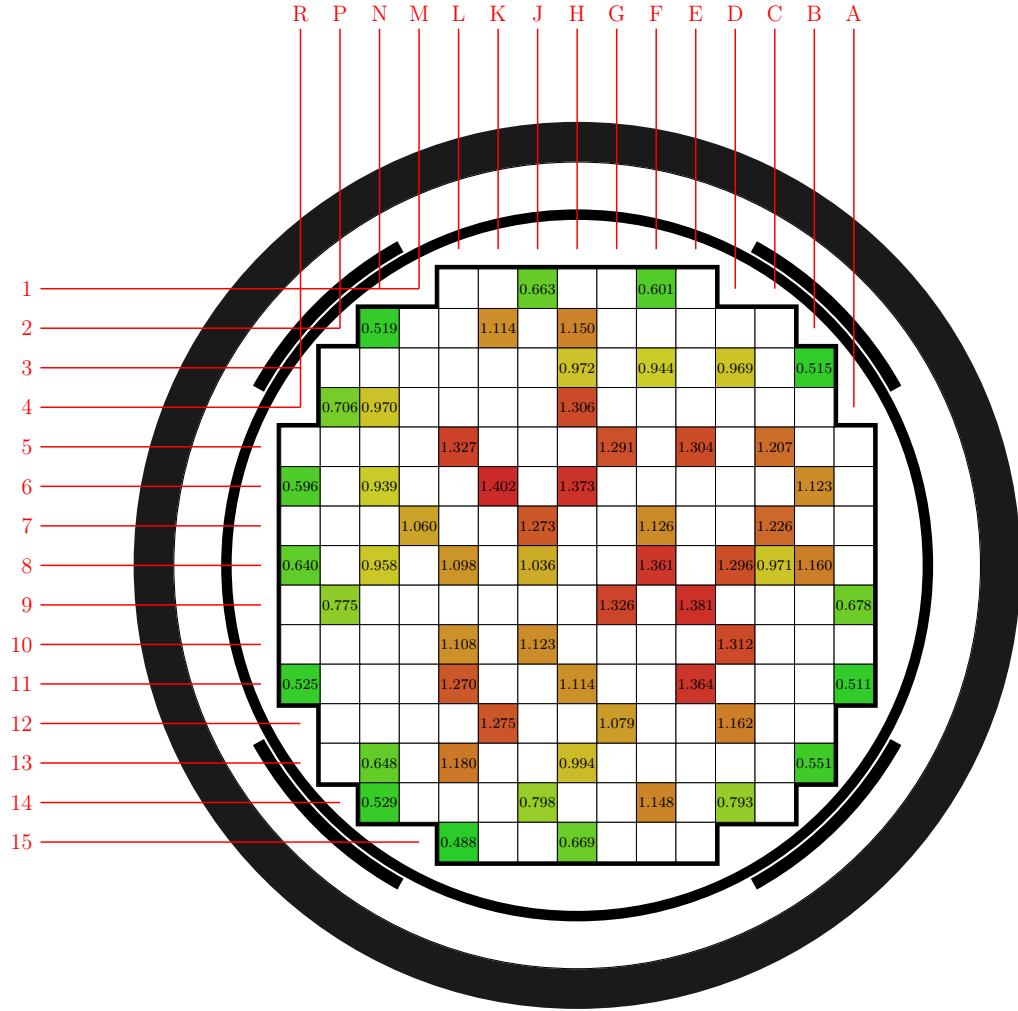


Figure 3: Radial detector measurements (axially integrated).

J1	0.663		F1	0.601
N2	0.519		K2	1.114
H2	1.150		H3	0.972
F3	0.944		D3	0.969
B3	0.515		P4	0.706
N4	0.970		H4	1.306
L5	1.327		G5	1.291
E5	1.304		C5	1.207
R6	0.596		N6	0.939
K6	1.402		H6	1.373
B6	1.123		M7	1.060
J7	1.273		F7	1.126
C7	1.226		R8	0.640
N8	0.958		L8	1.098
J8	1.036		F8	1.361
D8	1.296		C8	0.971
B8	1.160		P9	0.775
G9	1.326		E9	1.381
A9	0.678		L10	1.108
J10	1.123		D10	1.312
R11	0.525		L11	1.270
H11	1.114		E11	1.364
A11	0.511		K12	1.275
G12	1.079		D12	1.162
N13	0.648		L13	1.180
H13	0.994		B13	0.551
N14	0.529		J14	0.798
F14	1.148		D14	0.793
L15	0.488		H15	0.669

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

	H	G	F	E	D	C	B	A
8		1.036 — 1	1.367 0.008 2	1.106 0.011 2	1.301 0.007 2	0.974 0.015 4	1.155 0.007 2	0.655 0.021 2
9	1.036 — 1	1.299 0.038 2	1.123 — 1	1.336 0.064 2	1.060 — 1		0.798 — 1	0.678 — 1
10	1.367 0.008 2	1.126 — 1	1.402 — 1		1.293 0.026 2	0.942 0.004 2		0.599 0.003 2
11	1.106 0.011 2		1.108 — 1	1.316 0.039 4		1.180 — 1		0.500 0.016 2
12	1.301 0.007 2	1.079 — 1			1.162 — 1	0.970 0.001 2	0.706 — 1	
13	0.974 0.015 4	1.226 — 1		1.207 — 1		0.648 — 1	0.540 0.015 2	
14	1.155 0.007 2	0.775 — 1	1.128 0.017 3		0.793 — 1	0.517 0.003 2		
15	0.655 0.021 2	0.663 — 1		0.525 — 1				

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

D14	0.793		H9	1.036
D10	1.293		D12	1.162
E11	1.316		E13	1.207
E15	0.525		B12	0.706
B13	0.540		C13	0.648
C12	0.970		C11	1.180
C10	0.942		F9	1.123
F8	1.367		C14	0.517
F11	1.108		A11	0.500
A10	0.599		F14	1.128
E8	1.106		E9	1.336
H10	1.367		H11	1.106
H12	1.301		H13	0.974
H14	1.155		H15	0.655
D9	1.060		D8	1.301
C8	0.974		B9	0.798
B8	1.155		G15	0.663
G14	0.775		G13	1.226
G12	1.079		G10	1.126
A8	0.655		A9	0.678
F10	1.402		G8	1.036
G9	1.299			

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

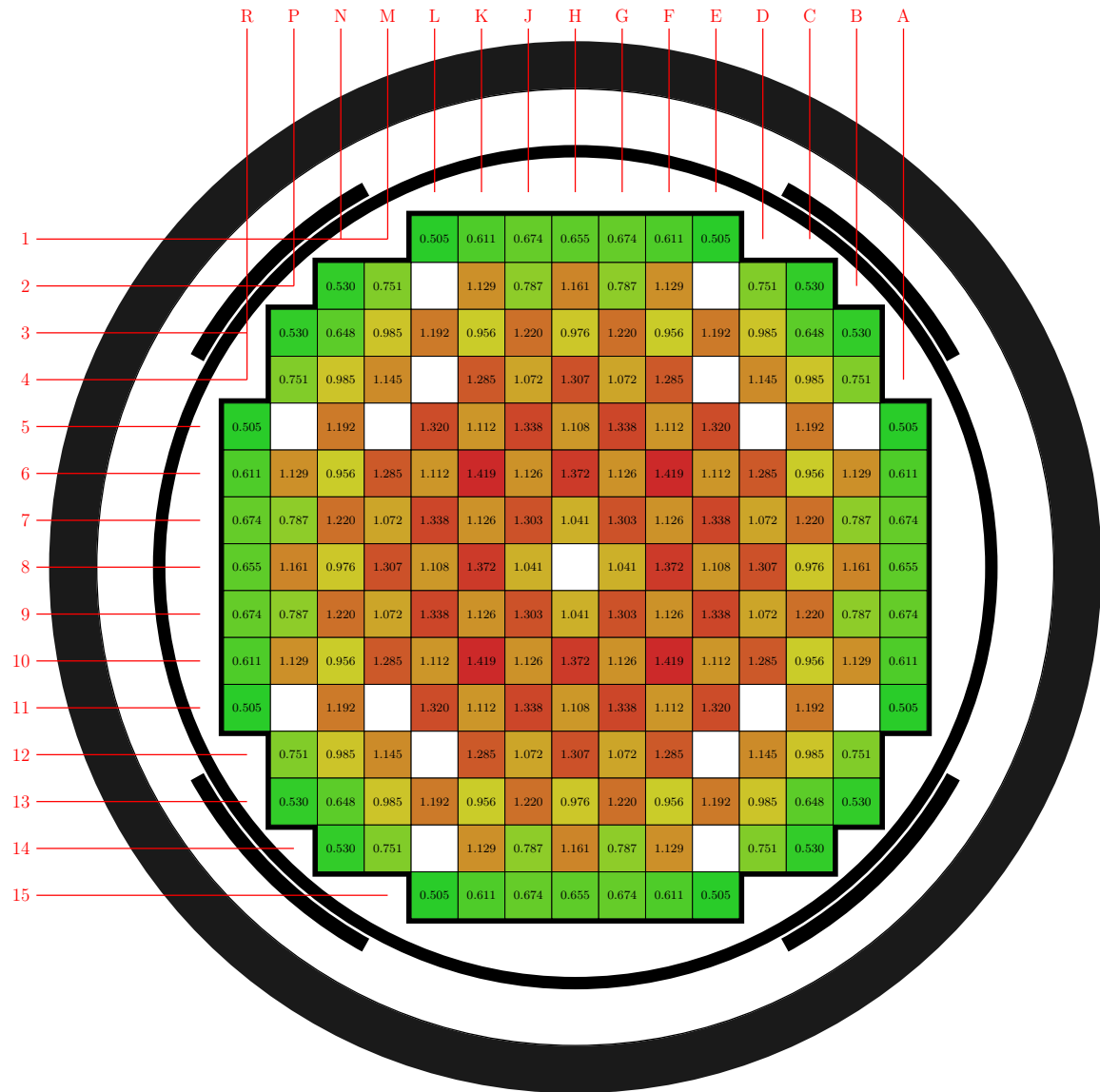


Figure 5: Radial detector measurements (tilt corrected).

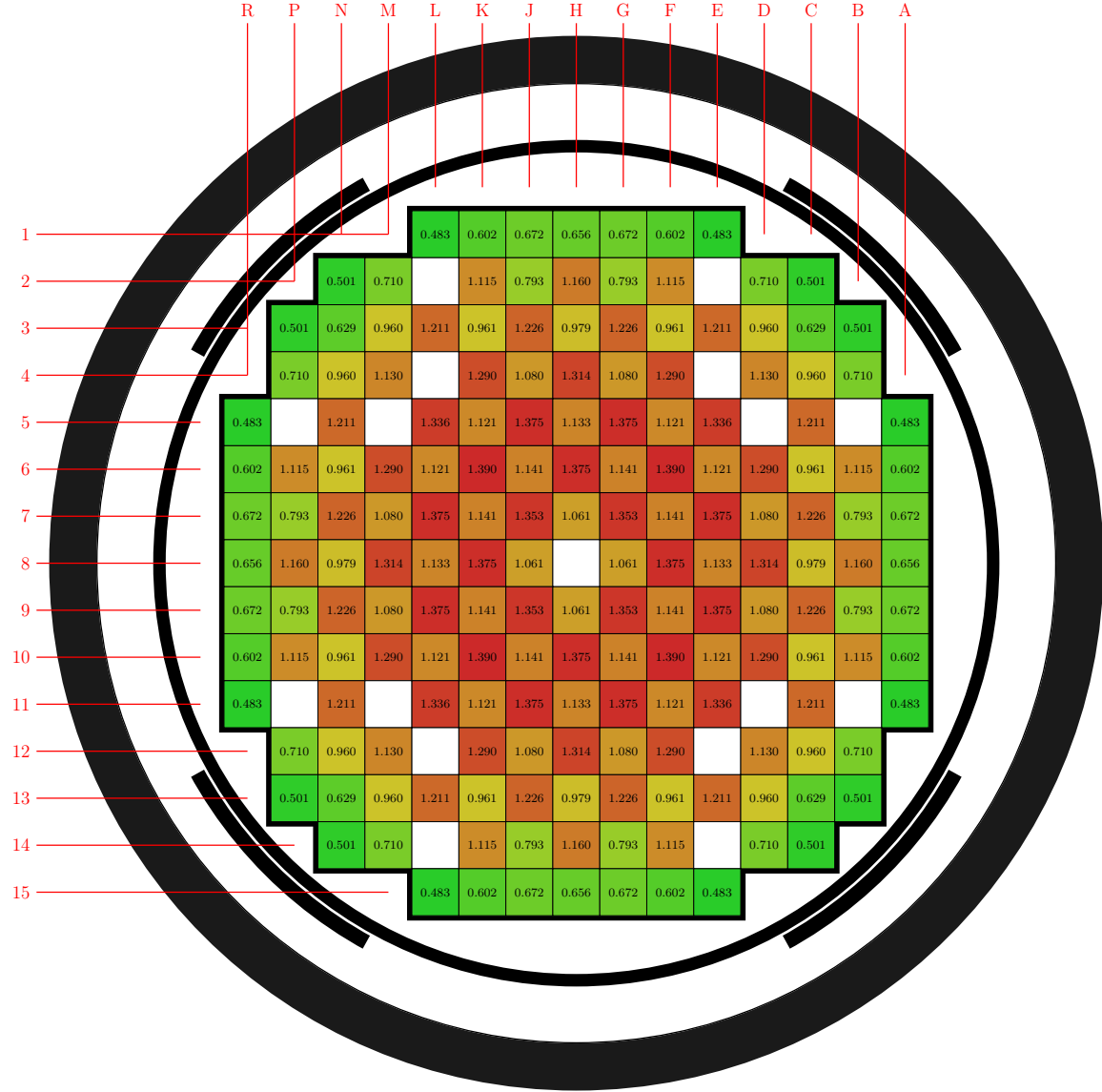


Figure 6: Radial detector measurements (simulate normalized to tilt corrected data).

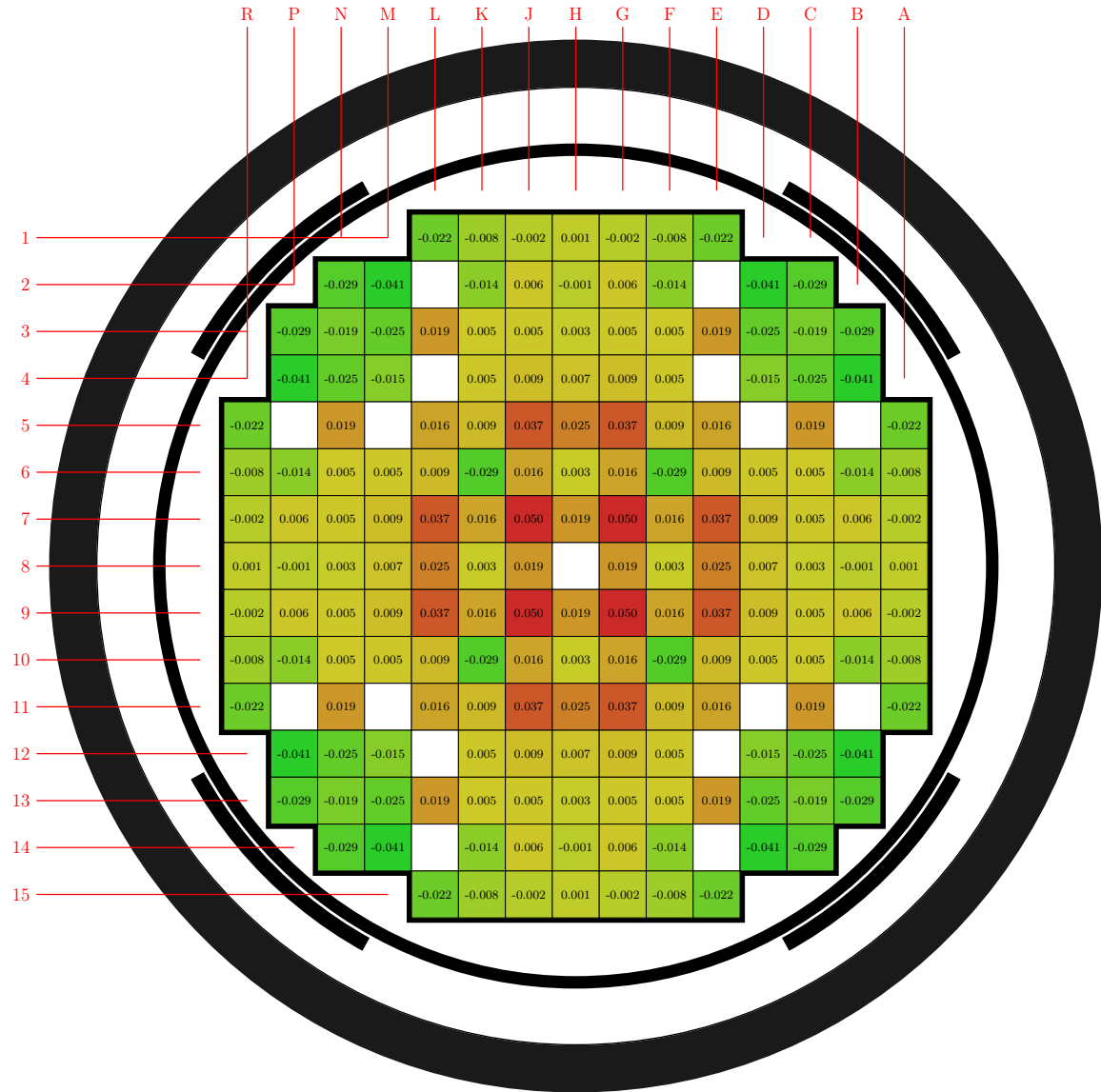


Figure 7: Radial detector absolute difference (simulate minus tilt corrected data).

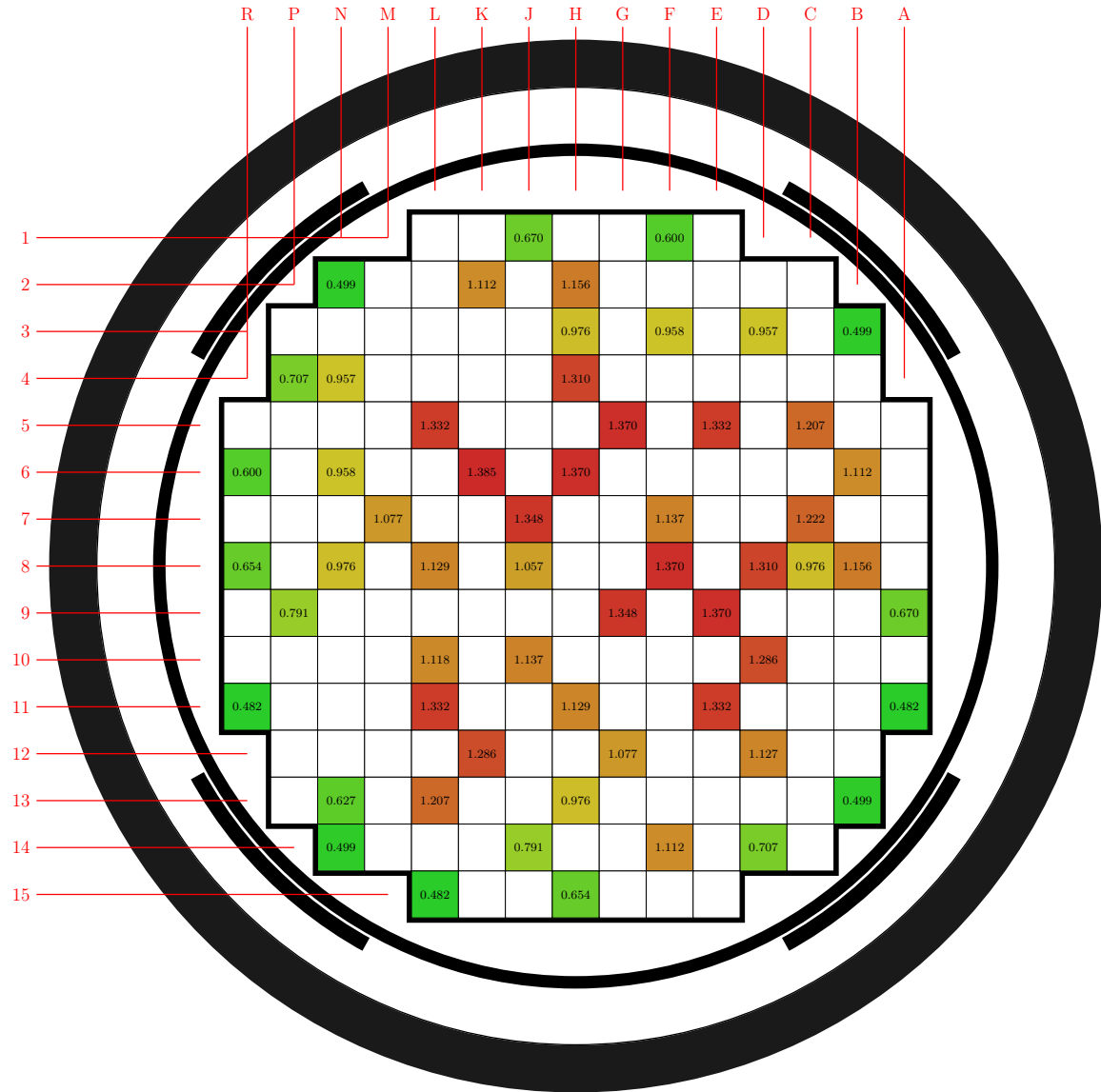


Figure 8: Radial detector measurements (simulate normalized to detector data).

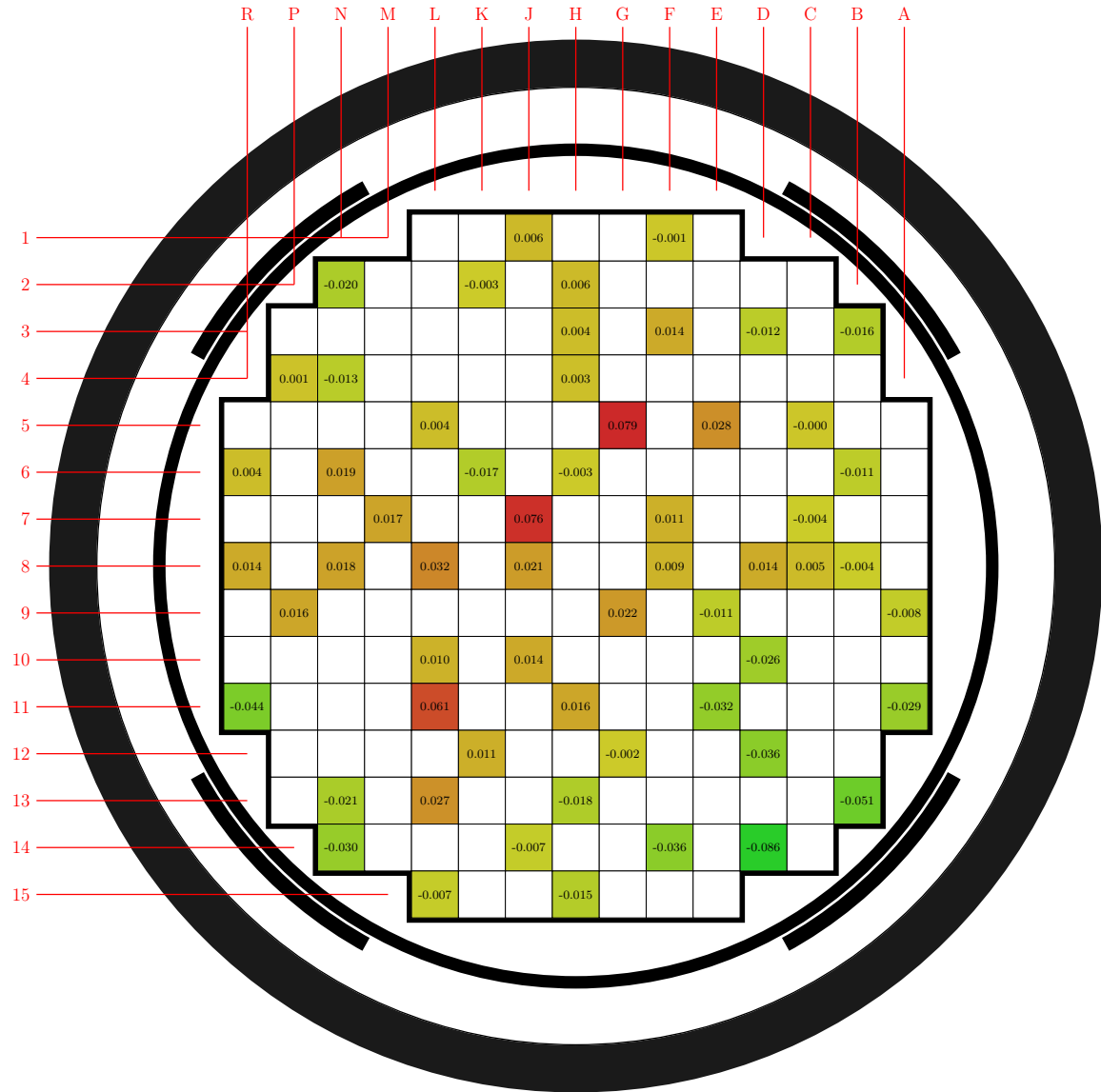


Figure 9: Radial detector absolute difference (simulate minus detector data).