

LAZY SUSAN

Features:

- 40 irradiation locations inside the graphite reflector surrounding the core.
- Can be rotated around the core during irradiation.
- A pneumatic transfer system can be used to send the samples to the hot cell after irradiation.

Calculated properties at 250 kW:

	IC 10 (W)	IC 20 (S)	IC 30 (E)	IC 40 (N)
Thermal (< 0.625 eV)	1.08×10^{12}	1.00×10^{12}	9.92×10^{11}	1.12×10^{12}
Epithermal (0.625 – 10^5 eV)	6.02×10^{11}	5.40×10^{11}	5.66×10^{11}	5.25×10^{11}
Fast ($> 10^5$ eV)	3.57×10^{11}	3.21×10^{11}	3.35×10^{11}	2.98×10^{11}
1 MeV equivalent	3.12×10^{11}	2.80×10^{11}	2.92×10^{11}	2.60×10^{11}
Total	2.04×10^{12}	1.86×10^{12}	1.89×10^{12}	1.94×10^{12}

