

BEAM PORT NO. 6

Features:

- A special mechanism was installed that allows samples to be inserted
- Special holder designed for the samples; 12 cm in diameter, 29 cm long
- Possible online irradiation (sample on cables).

Properties at 250 kW:

Neutron flux [$\text{cm}^{-2}\text{s}^{-1}$]	10 cm left	Centre		10 cm right
	Calculated	Calculated	Measured	Calculated
Thermal (< 0.625 eV)	1.09×10^{12}	1.11×10^{12}		1.00×10^{12}
Epithermal ($0.625 - 10^5$ eV)	5.55×10^{11}	6.55×10^{11}		6.58×10^{11}
Fast ($> 10^5$ eV)	3.63×10^{11}	4.60×10^{11}		4.53×10^{11}
1 MeV equivalent	3.21×10^{11}	4.10×10^{11}	4.83×10^{11}	4.00×10^{11}
Total	2.01×10^{12}	2.23×10^{12}		2.11×10^{12}

