

BEAM PORT NO. 5

Features:

- A special mechanism was installed that allows samples to be inserted
- Special holder designed for the samples; 14 cm in diameter, 75 cm long
- On-line irradiations possible

Properties at 250 kW:

Neutron flux [$\text{cm}^{-2}\text{s}^{-1}$]	20 cm left	Centre	20 cm right
Thermal (< 0.625 eV)	4.47×10^{10}	4.99×10^{10}	4.33×10^{10}
Epithermal ($0.625 - 10^5$ eV)	1.36×10^9	1.45×10^9	1.12×10^9
Fast ($> 10^5$ eV)	3.14×10^8	3.23×10^8	2.82×10^8
1 MeV equivalent	3.22×10^8	3.00×10^8	2.78×10^8
Total	4.64×10^{10}	5.17×10^{10}	4.47×10^{10}

