JHR experimental capacity

~20 simultaneous experiments

In reflector

- Up to $5.5 \times 10^{14}$ n/cm$^2$.s
- ~20 fixed positions and 6 displacement systems

Displacement systems:
- Adjust the power
- Study transients

In core

- Up to $5.5 \times 10^{14}$ n/cm$^2$.s, $E > 1$ MeV
- Up to $10^{15}$ n/cm$^2$.s, $E > 0.1$ MeV

- 7 Small locations
- 3 large locations

Material ageing (up to 16 dpa/y)

Fuel experiment

Thermal neutron flux

Fast neutron flux