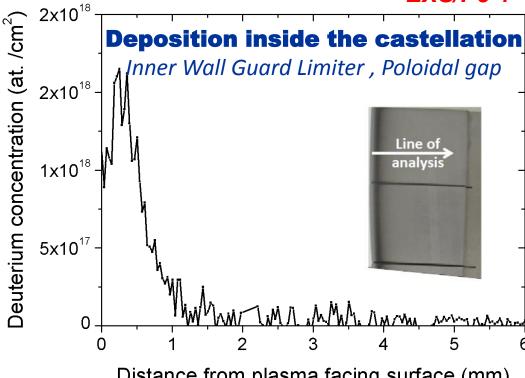
# Deposition inside castellation of Be limiters in JET-ILW

### **Castellated Be limiter**



## **Sectioning** of the limiter



#### Distance from plasma facing surface (mm)

## **Messages:**

- Deposition width: only ~1 mm from the top.
- Steep deposition profile is reproduced by modelling.
- **Deuterium content below 2x10<sup>18</sup> cm<sup>-2</sup> (very low concentration).**
- Total amount the castellated structures: up to  $1.5x10^{23}$  D atoms (0.5 g)
  - Message for ITER: narrow grooves are essential to minimise retention in castellated PFC.

