

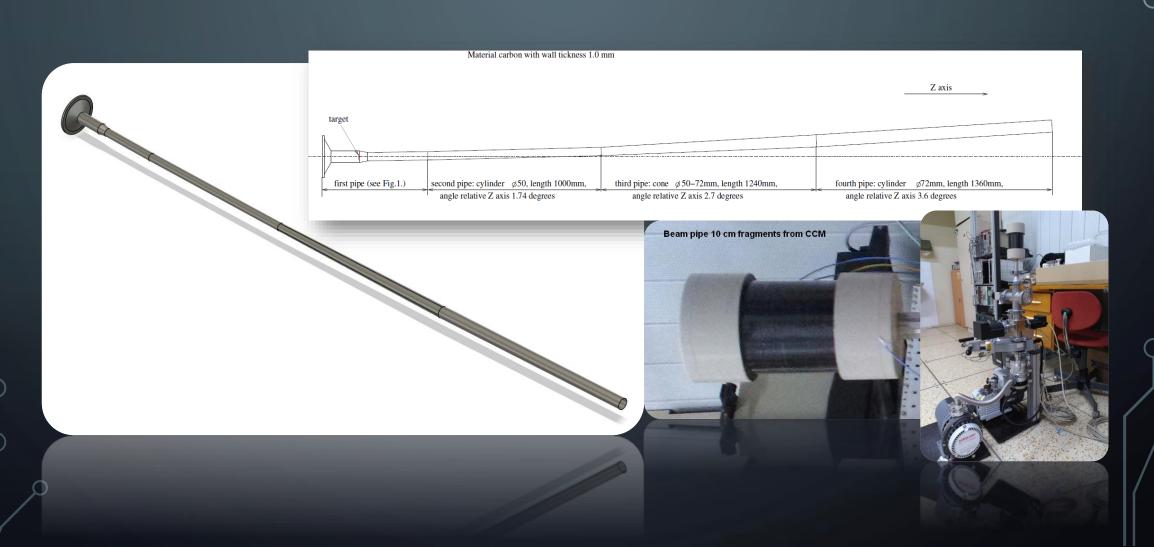
CARBON BEAM PIPE FOR FHCal AND PSD

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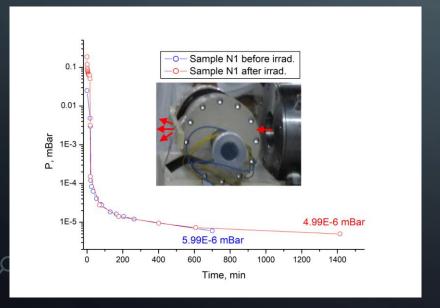
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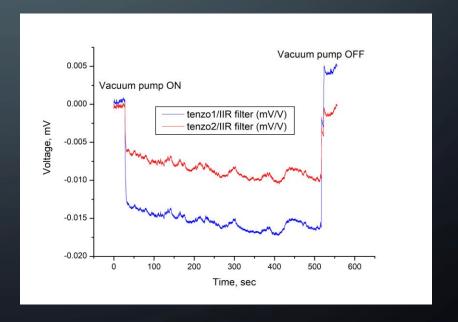
FHCal – BM@N Carbon beam pipe



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- Achieved vacuum 5.99 · 10⁻⁶ mbar
- Tests of the fragment with non-ionizing radiation
 - 7 · 10¹² n·cm⁻² with white spectrum 6-26 MeV





PSD – CBM Carbon beam pipe

- Three main parts STS, MuCH/RICH, PSD-beam dump
- PSD-beam dump beam pipe 16 m long with 20 cm diameter
- So far no conceptual design most probably segmented carbon tube connected with flanges and bellows
- Bellows: MuCh/RICH cone to allow rotation in the connection, PSD to avoid possibly destructive stress while positioning of the PSD.

PSD – CBM Carbon beam pipe

