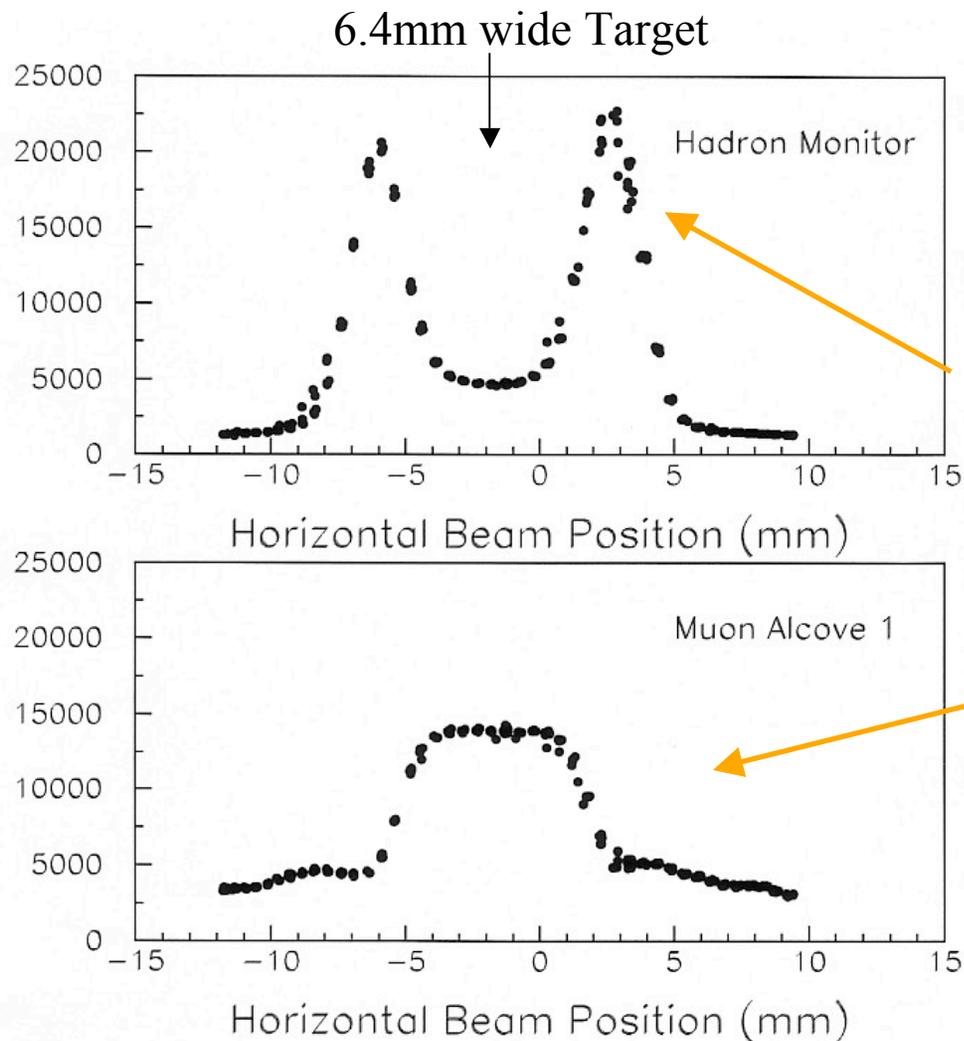


NuMI beam commissioning -- alignment studies



Over weekend:

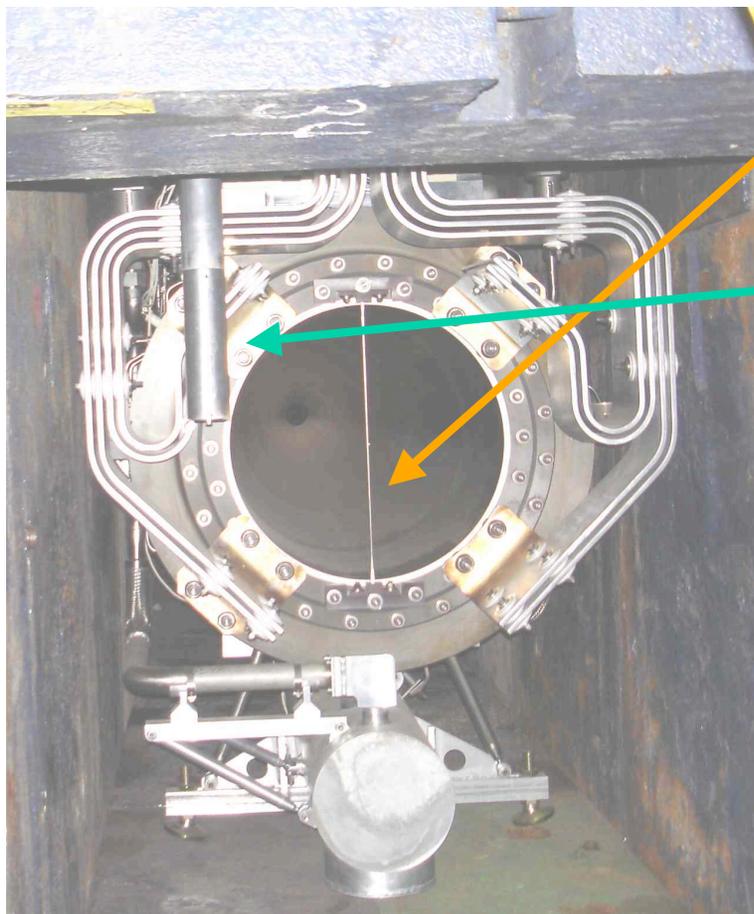
took target scans in both Semi-medium and Semi-high energy neutrino beam tunes

Beam sneaking between target and baffle to hadron monitor

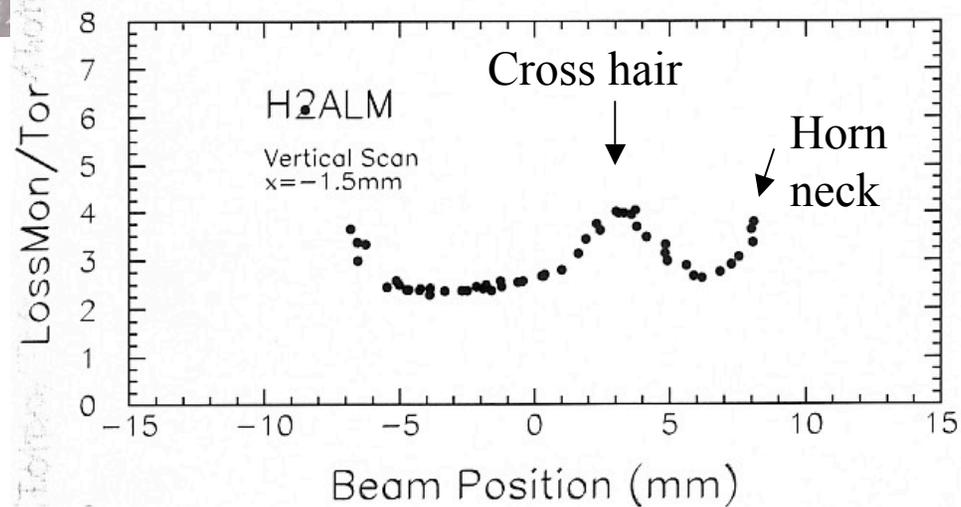
Muon peak higher when hitting target than baffle

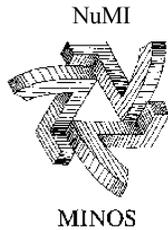
Give good measurement of target and baffle positions

'Cross Hair' system for horn alignment check with beam



With target out,
 proton beam scan across "cross-hair"
 scatters radiation into Rad-hard mounted BLM

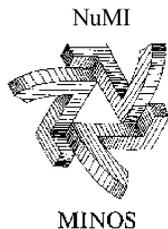




Minos Detector Status

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- Both near and far detectors running smoothly
 - « Up continuously during beam.
- Record both beam and cosmics.
- Runs are long (near 5-7 hours, far 8 hours)
 - « Automatically divided into 1 hour subruns.
- Near Magnet not energized this weekend.
 - « Residual field substantial anyway.
 - « Will use this week to move to full operations of magnet.



Protons on Target

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