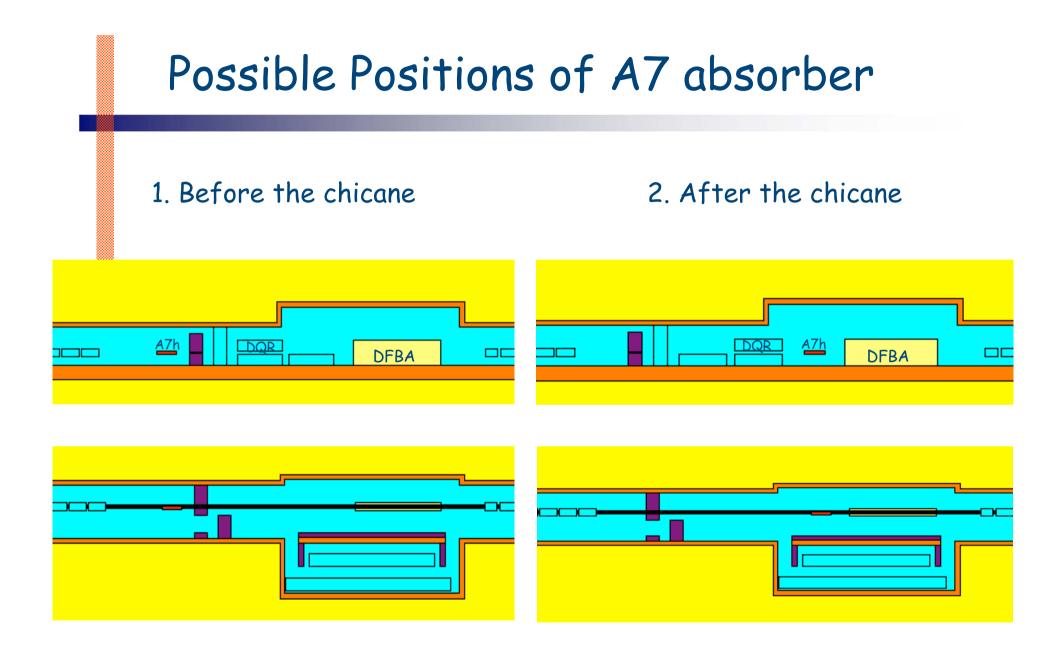
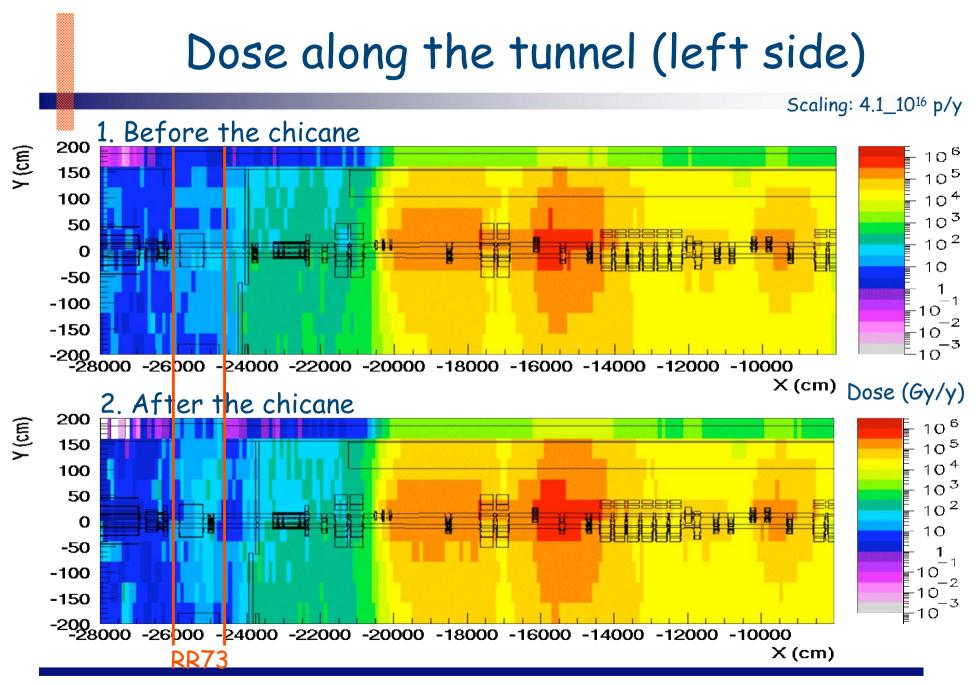
A7 absorber: before or after the chicane? UJ76: no shielding – new plots

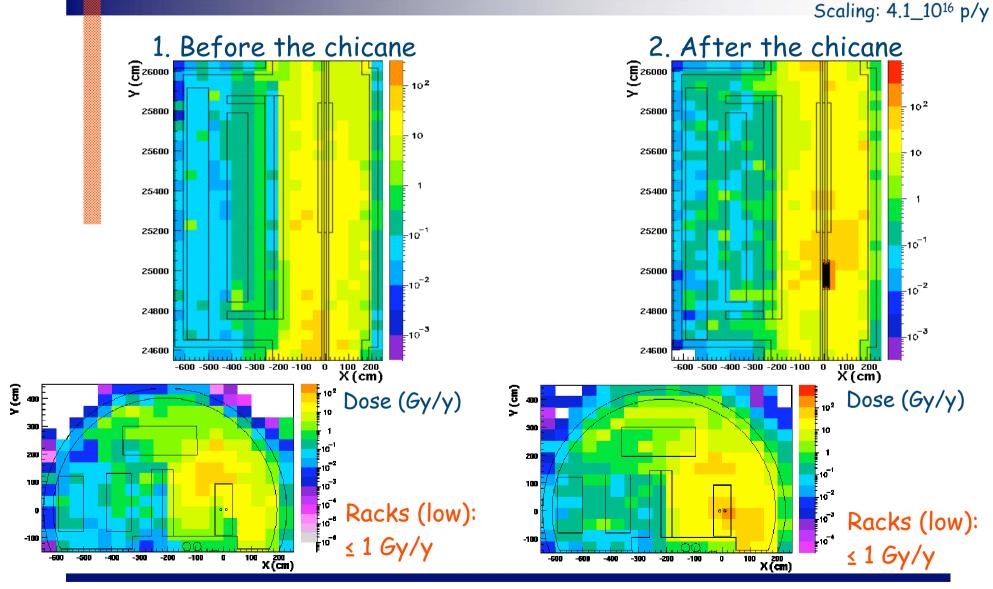
> Katerina Tsoulou Alfredo Ferrari, Vasilis Vlachoudis

51st Collimation Working Group Meeting

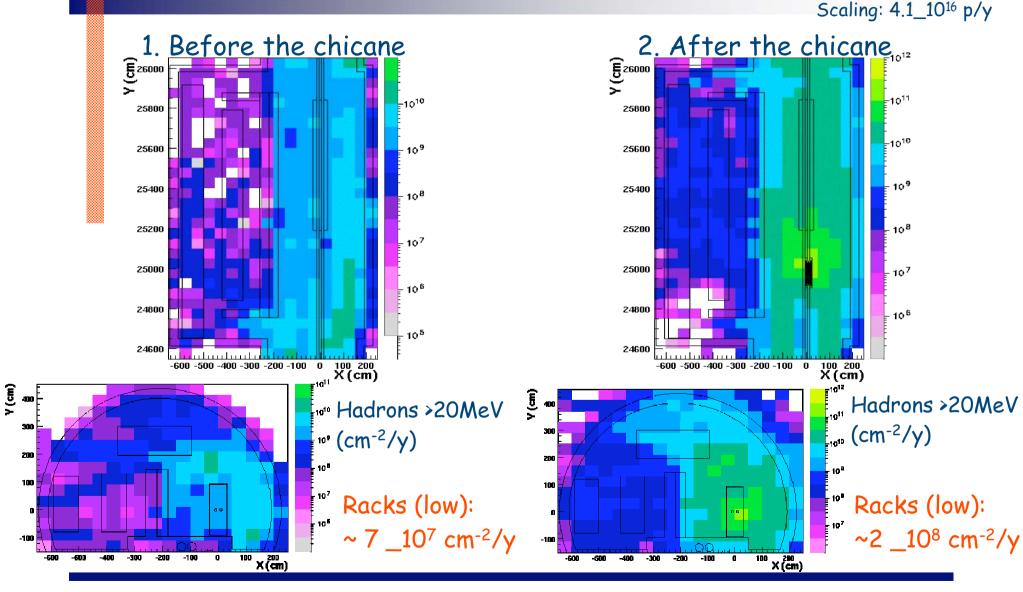




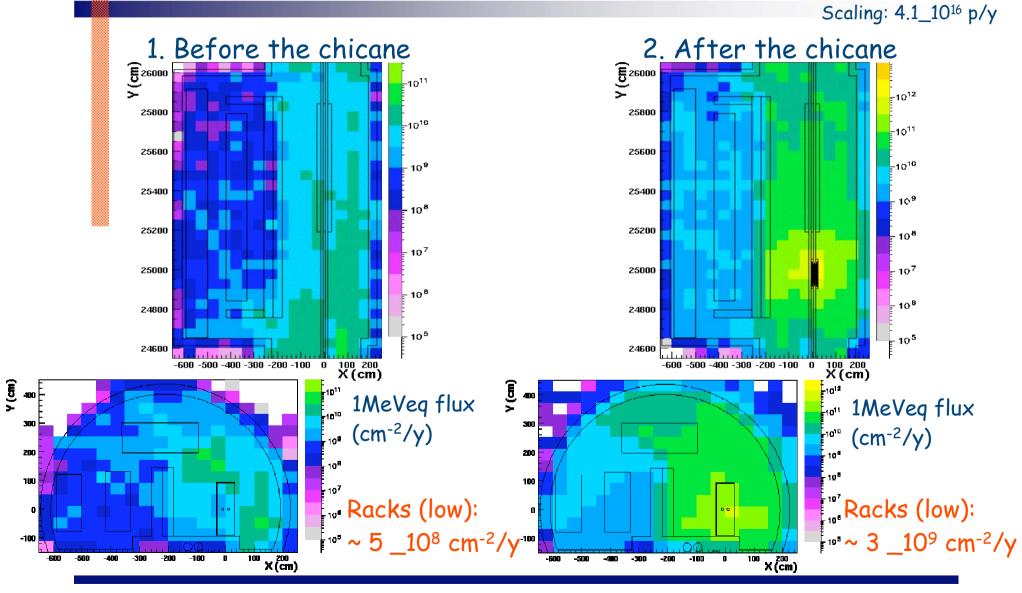
Dose in RR77



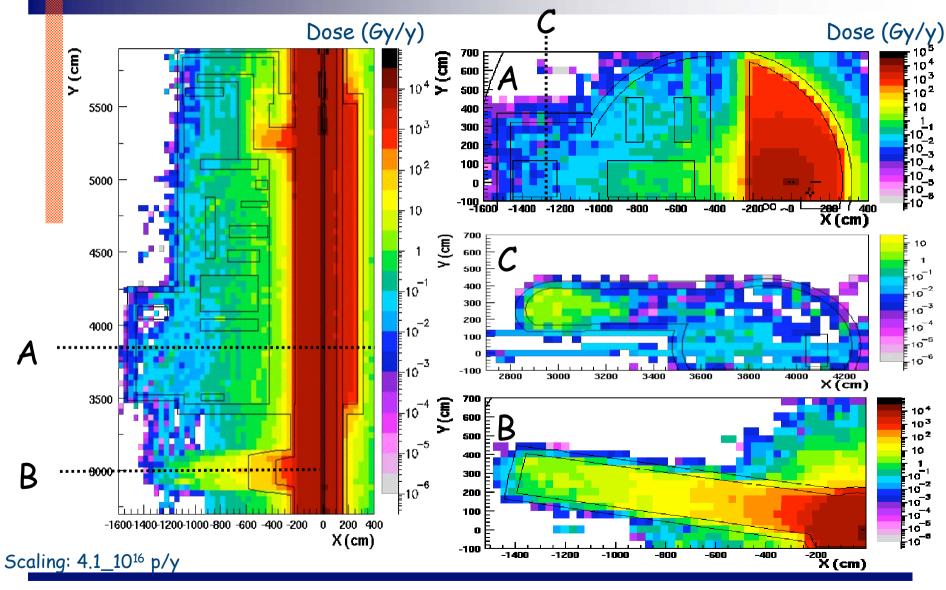
Hadrons >20MeV in RR77



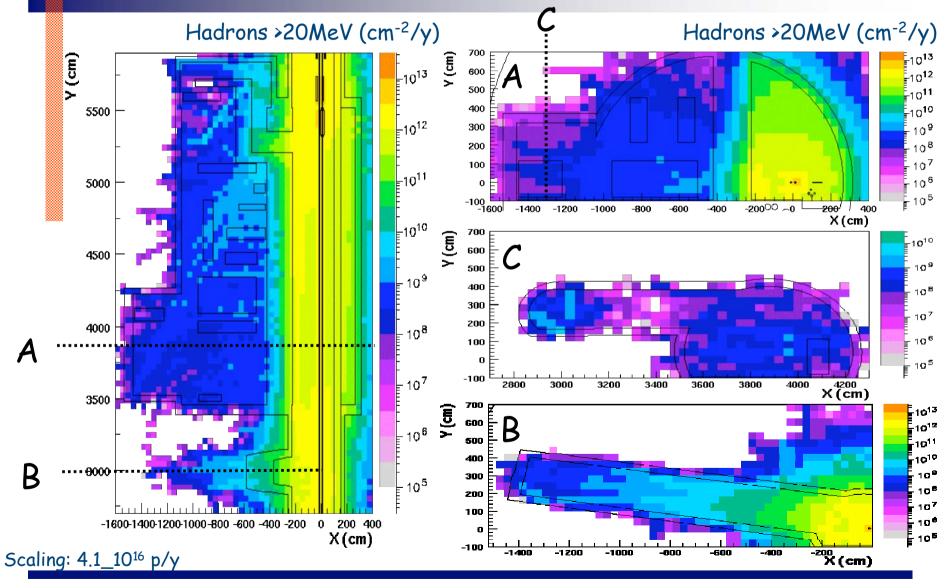
1MeVeq fluence in RR77



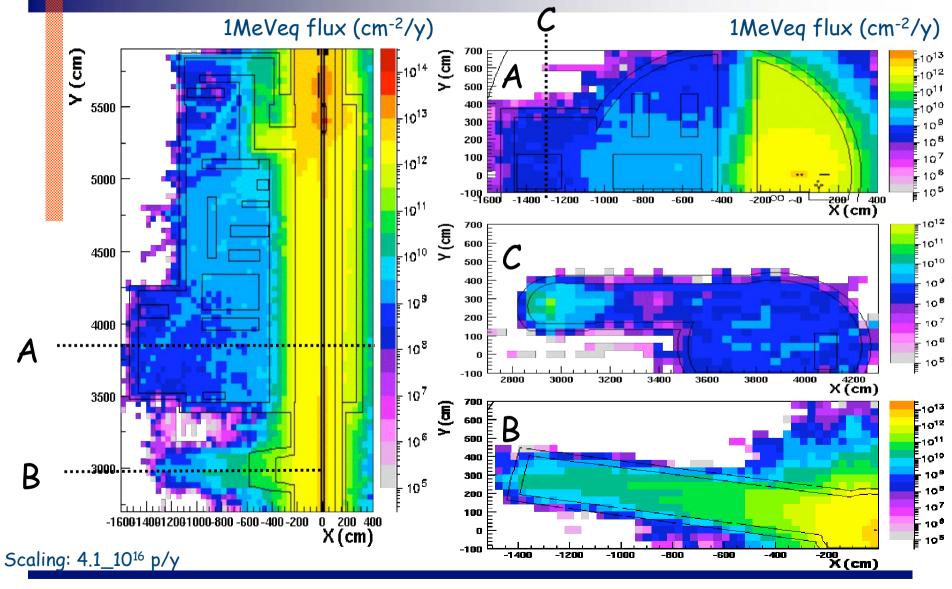
Dose in UJ76



Hadrons >20MeV in UJ76



1MeVeq fluence in UJ76



Conclusions

- Not a great difference in dose between Before and After chicane case for the position of A7 absorber ("Before" seems though a better case).
- Before chicane case gains a factor of ~3 for hadron fluxes.
- → Suggestion: Install A7 before the iron shielding !
- Dose in UJ76 can reach a few Gy/y (near the wall).
- Take care of positions close to the TU76 ventilation gallery.
- TZ76 gallery is not in the geometry, but seems a "quiet" area.