

International
UON Collider
Collaboration



MDI – detector update

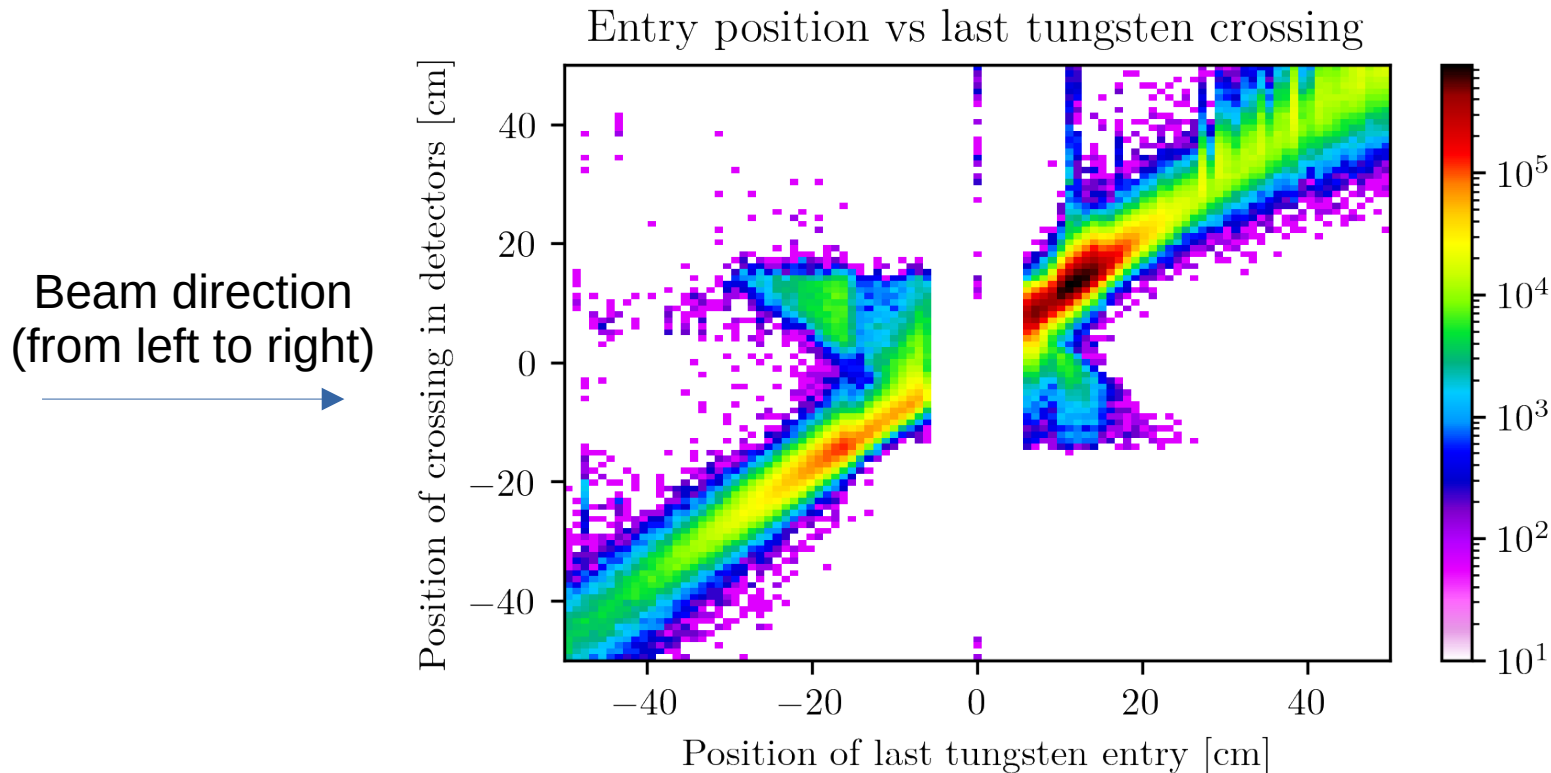
D. Calzolari* on behalf of the IMCC
April 2023

**speaker*

Status

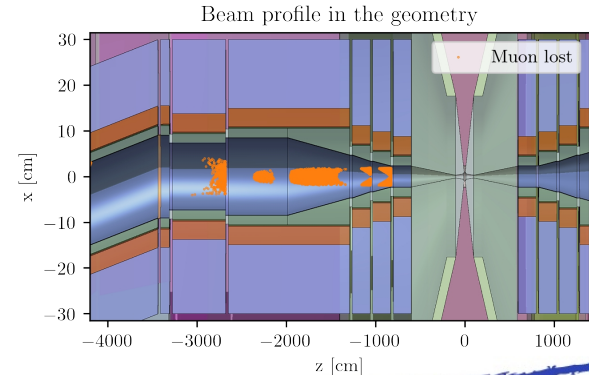
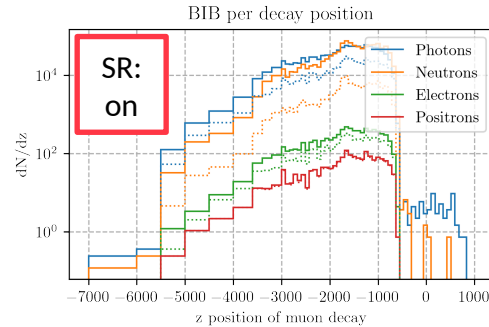
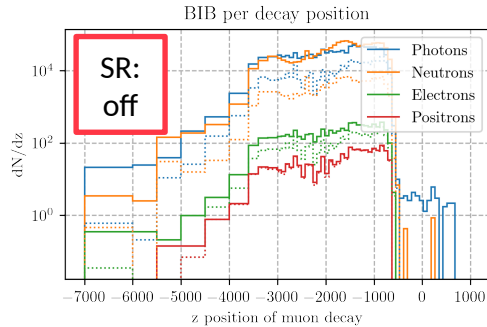
- BIB simulation available for a clockwise muon+ beam (10 TeV collider)
- μ^- simulation in the pipeline
- (This week) Luca Castelli and Francesco Collamati visited me at CERN. They will start working on the BIB at 3 TeV (possibly with results before the annual meeting).

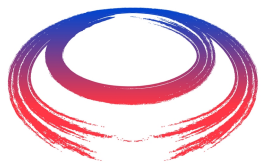
Crossing position vs last point in tungsten



IMCC MDI meeting

- Tomorrow at 4 pm CET. I will discuss about the following points:
 - Synchrotron radiation effect far away from the IP
 - Halo losses distribution and (preliminary) contribution
 - Forward muon detectors, as discussed in California





International
UON Collider
Collaboration



***Thank you
for your attention!***