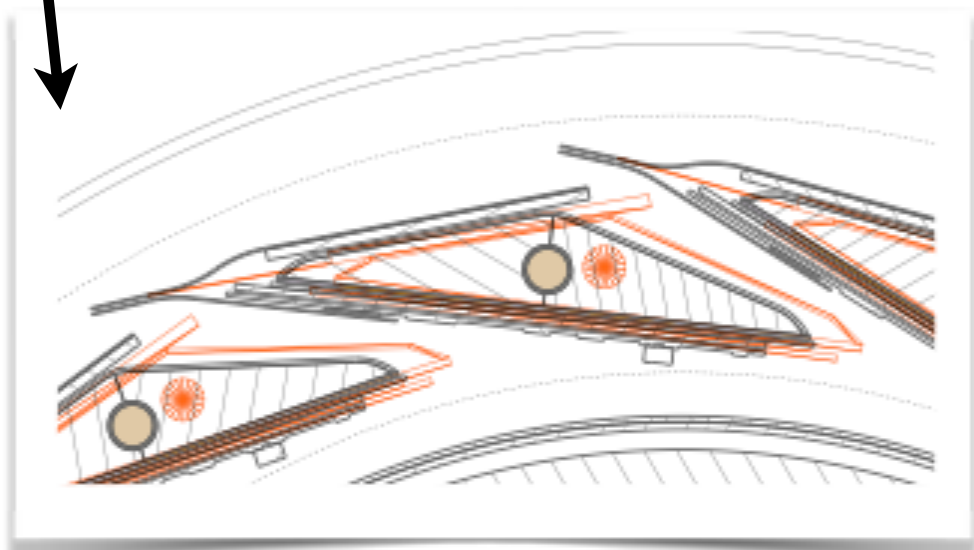




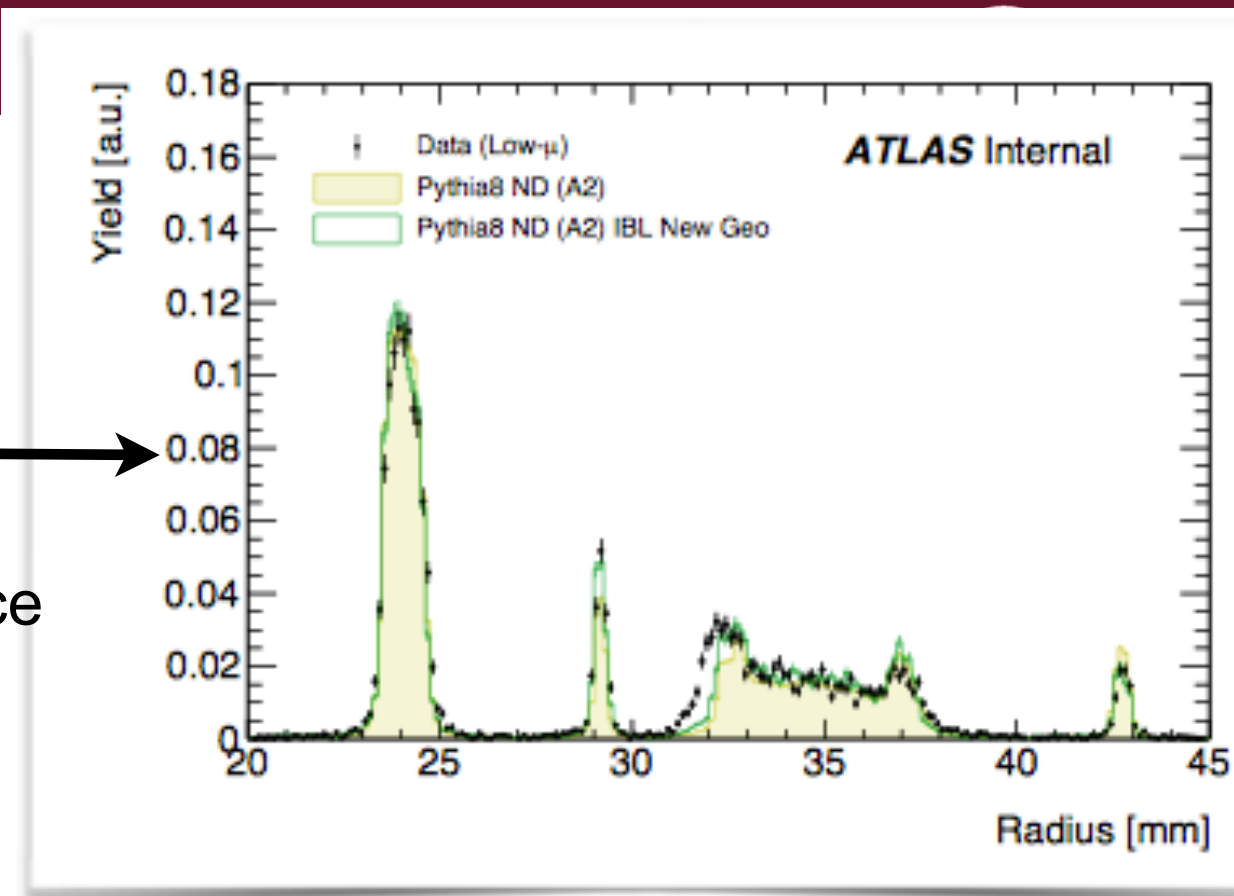
1 IP Update from Tracking Group

Problem 1

- Geometry tag missing 23% IBL material (low pT)
- New Geo. Tag Produced and validated.
- Angle of overlap issue
- These issues affect the error estimation and hence the d_0/z_0 significance distribution



GEO Model
IBL



Problem 2

- d_0 and z_0 affected by mismodelling of the resolution.
- The distributions can be matched again using a smearing distribution.

Simone Pagan Griso, Heather Gray

[https://indico.cern.ch/event/433839/
contribution/6/attachments/
1128840/1612854/PC_20jul.pdf](https://indico.cern.ch/event/433839/contribution/6/attachments/1128840/1612854/PC_20jul.pdf)