

Main activities

- Understudying and shielding background.
 - Long simulation process, identifying the origin, shield, start over
 - Version -1 numbers in KHz

Energy	Muons in Cryo	Muons in FC	Hadrons in FC	e in FC	Total
12 GeV	2,39	1,77	0,99	0,92	3,68
-12 GeV	2,16	1,61	0,17	0,28	2,06

- The detector vertical position is critical for the muon halo
- Implementation of the H4 Beam line in the same geometry as H2. Estimate the H4 induced background to H2 when running simultaneously
- Latest simulation version available this week. New 'final' simulation data for all energies next week

Yannis presentation, SB 07/05/2017

All the root files, the G4BeamLine input file, a ReadBeamEvent .C to read the data and finally a ReadmeV23b file are available here:

[/eos/experiment/neutplatform/protodune/npmcproddisk/beamgroupdisk/DP/WA105Beam](#)

(all members of wa105-comp egroup can read them)