

Data Taking Status

ProtoDUNE-SP DAP Meeting
November 8th, 2018

Data collected so far

Energy	Total Triggers	Expected Pi trig.	Expected Proton trig.	Expected Electr. trig.	Expected Kaon trig.
1 GeV	773K	316K	348K	99K	0
2 GeV	555K	333K	128K	0	5K
3 GeV	568K	284K	107K	113K	15K
6 GeV	702K	394K	70K	197K	28K
7 GeV	461K	289K	49K	95K	23K

Next

Beam ends Monday November 12th @ 6:00 am

- Runs left to be taken:
 - More 1 GeV run all triggers (at least 100K electrons)
 - 2 GeV run electron only (aiming @ 100K electrons)
 - 0.5 GeV run all triggers (as much as possible)
- From mid-November until mid December:
 - PD tests, HV tests, grounding-related noise tests, CE tests
 - Detector will be put asleep at nights and weekends (i.e., no shifts), unless needed for HV endurance tests
- Christmas time (while CERN closed)
 - Detector will be turned off. Purity monitor runs can be taken remotely to monitor LAr purity status
- Planning of tests and activities and operation mode for next year currently ongoing