MiniBooNE Report

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for the MiniBooNE collaboration

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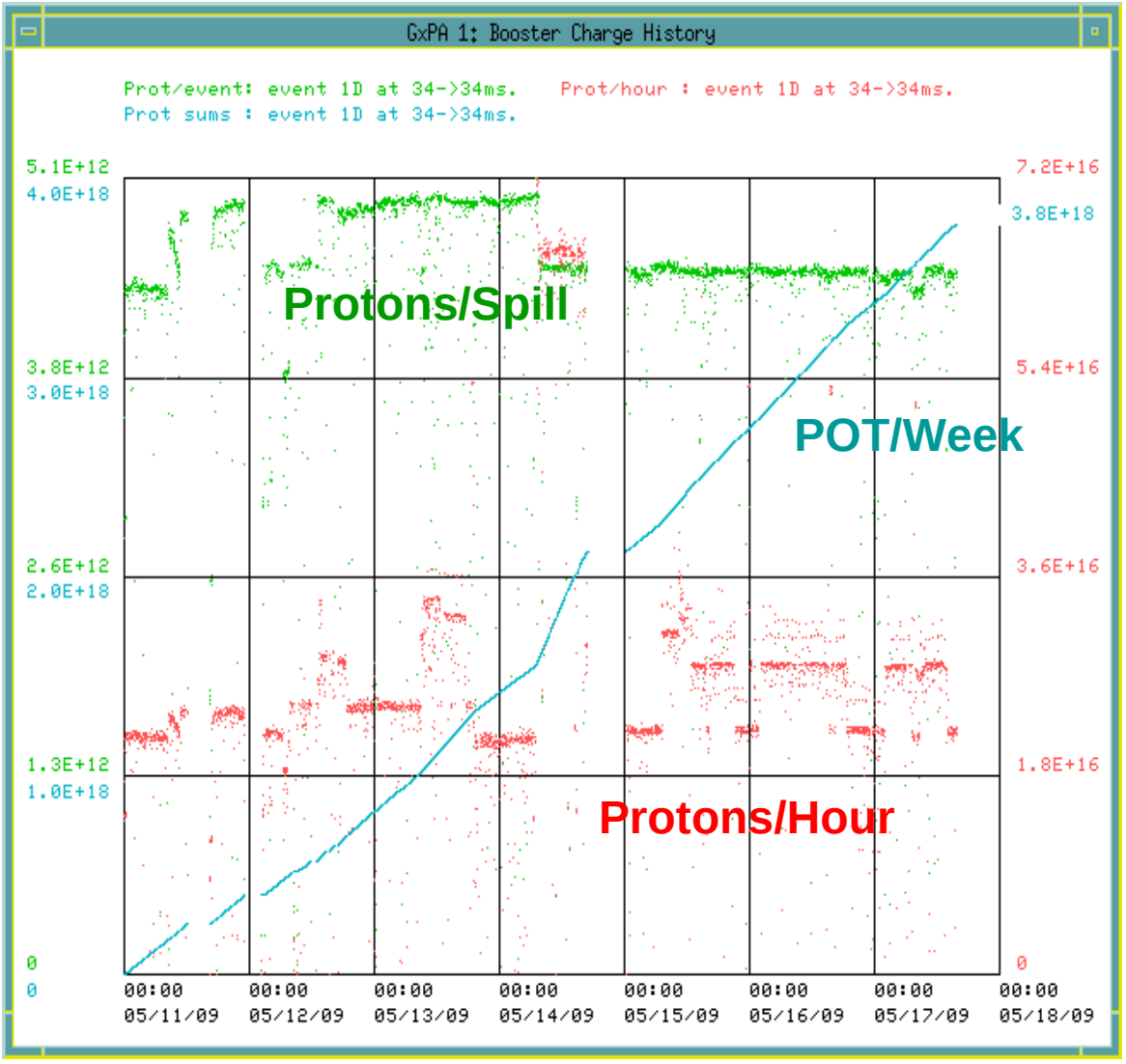
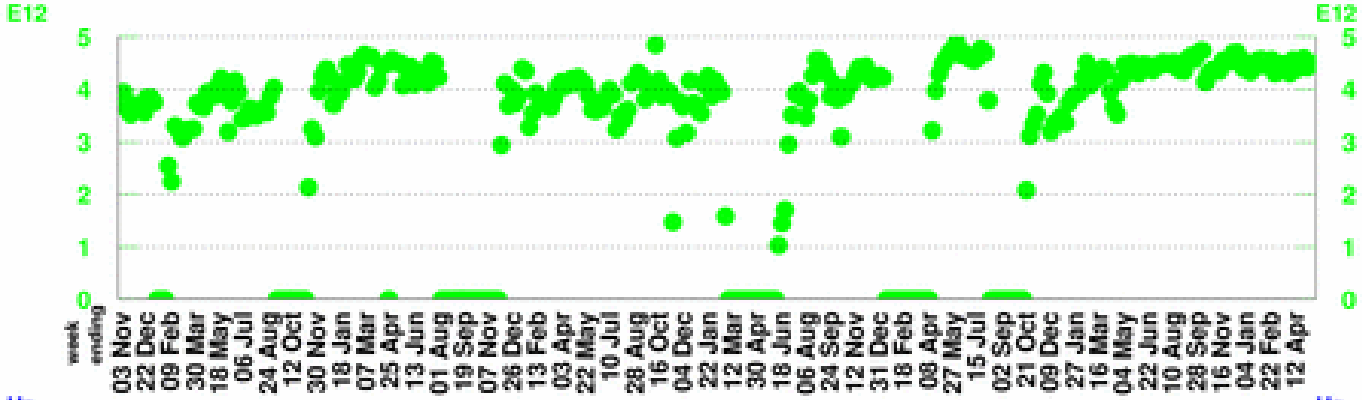
Week Summary 11 May – 18 May

- Major downtimes:
  - 4hrs, Booster/Linac work (05/11)
  - 3hrs, MI access (05/12)
  - 7hrs, F-sector access/Linac repairs (05/14)
  - 8hrs, MI access (05/17)



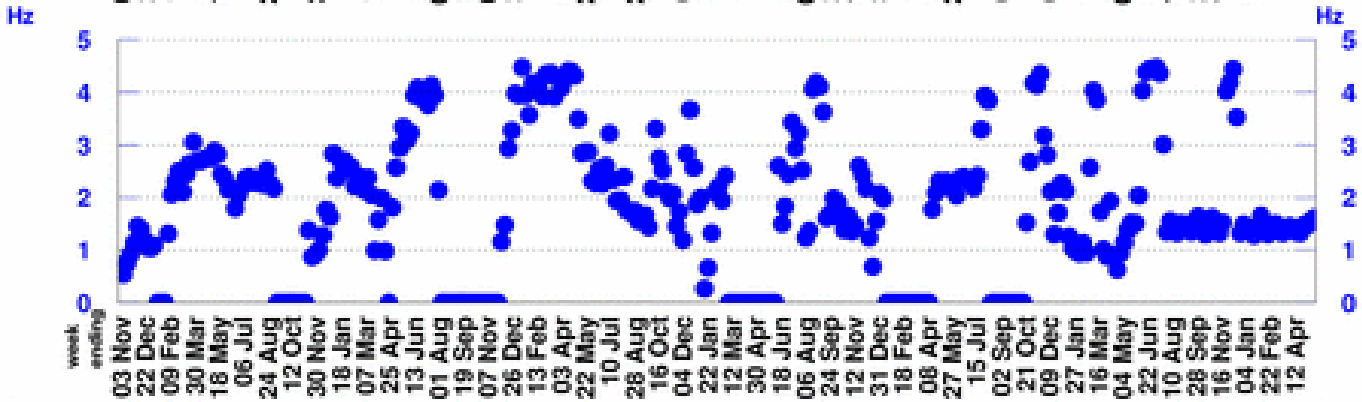
11 May – 18 May



POT per Horn Pulse

Largest week: 4.89 E12

Latest week: 4.5 E12

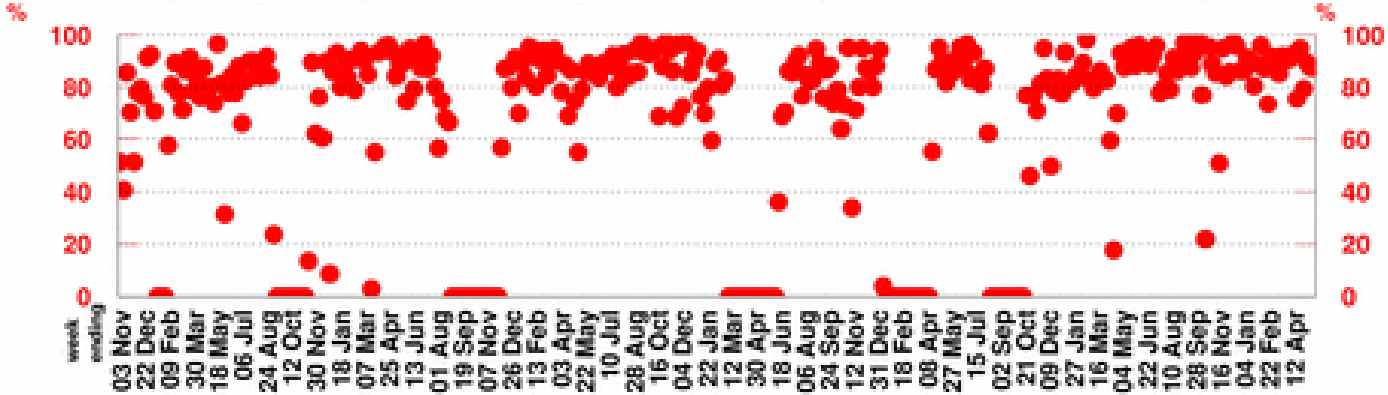


Horn Rate

(for time periods with beam)

Largest week: 4.48 Hz

Latest week: 1.61 Hz



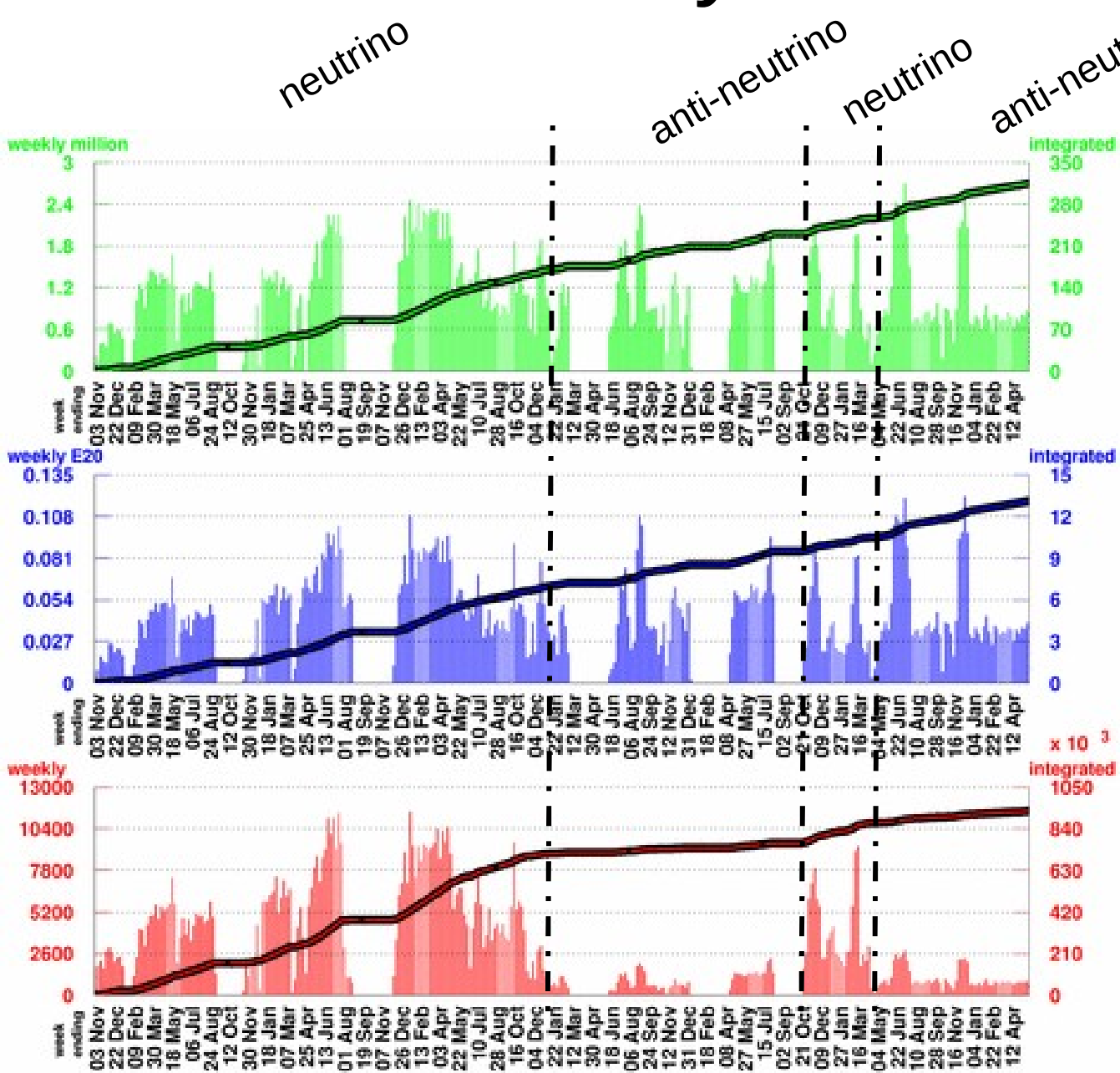
Beam Uptime Fraction

(fraction of time with beam)

Largest week: 98.1 %

Latest week: 87.5 %

11 May – 18 May



Number of Horn Pulses

To date: 314.44 million

Largest week: 2.69 million

Latest week: 0.87 million

Number of Protons on Target

To date:13.1135 E20

Largest week: 0.1208 E20

Latest week: 0.0391 E20

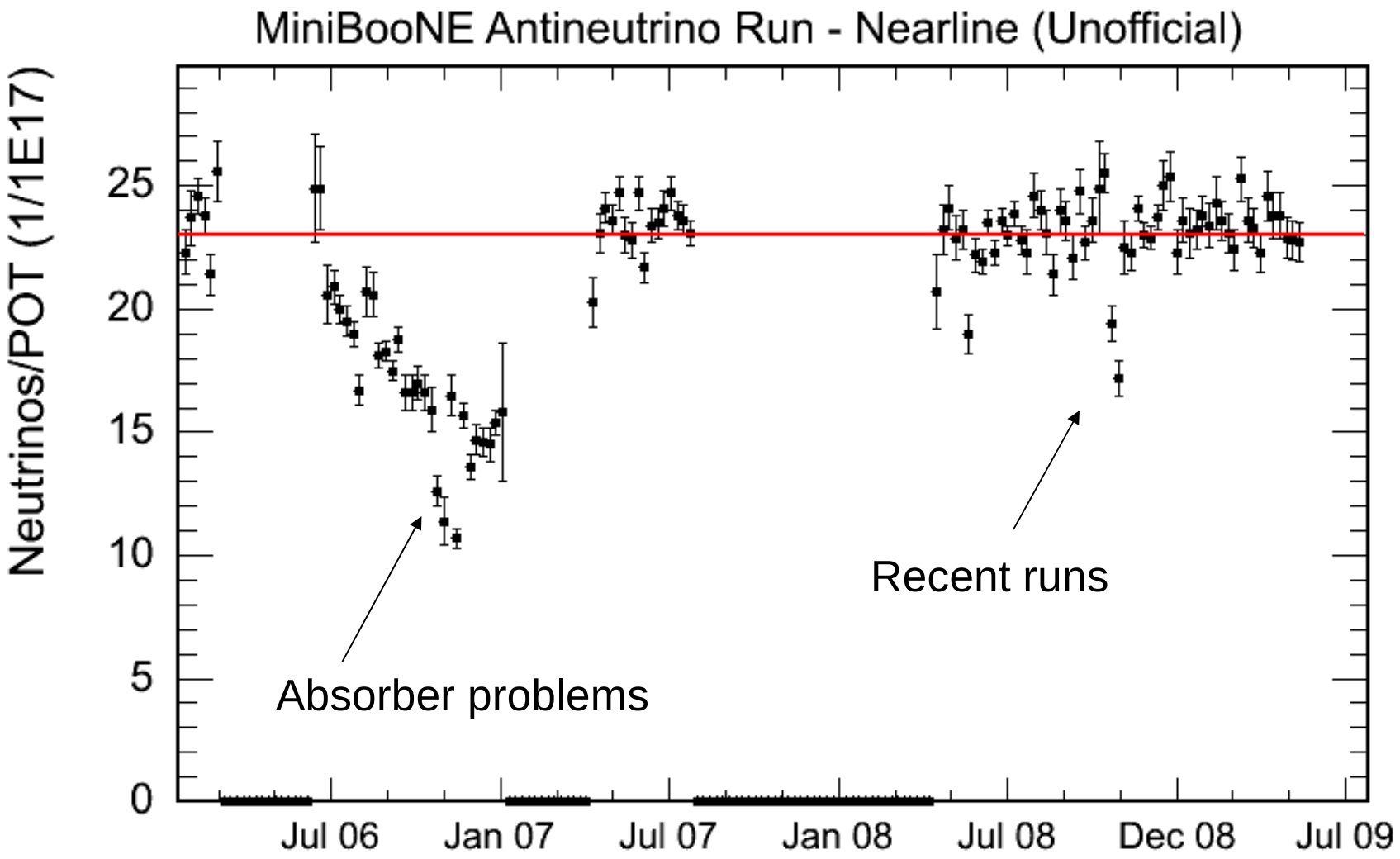
Number of Neutrino Events

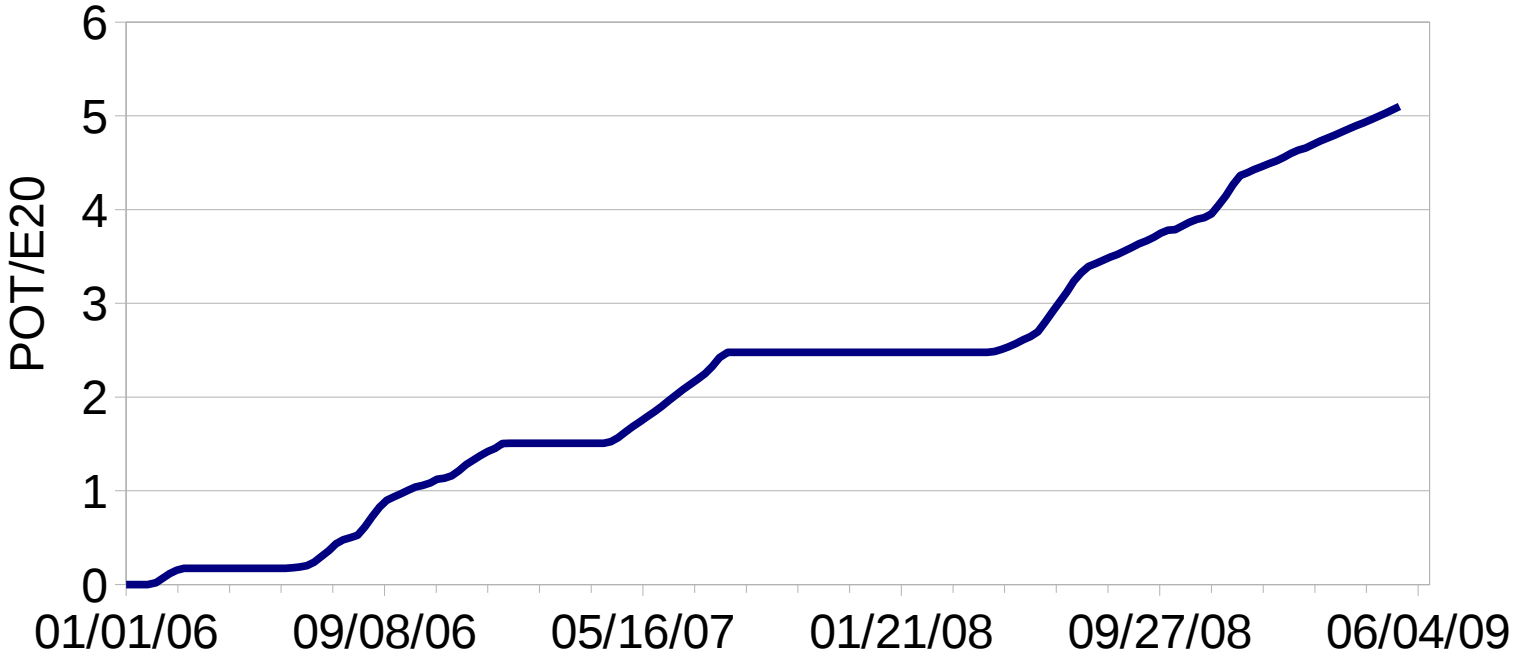
To date:928024

Largest week: 11447

Latest week: 869

AntiNeutrino/POT (Unofficial)



Anti-neutrino run

- Goal to reach 5e20 POT before shutdown
- As of today: 5.08E20 POT
- Thanks!!!