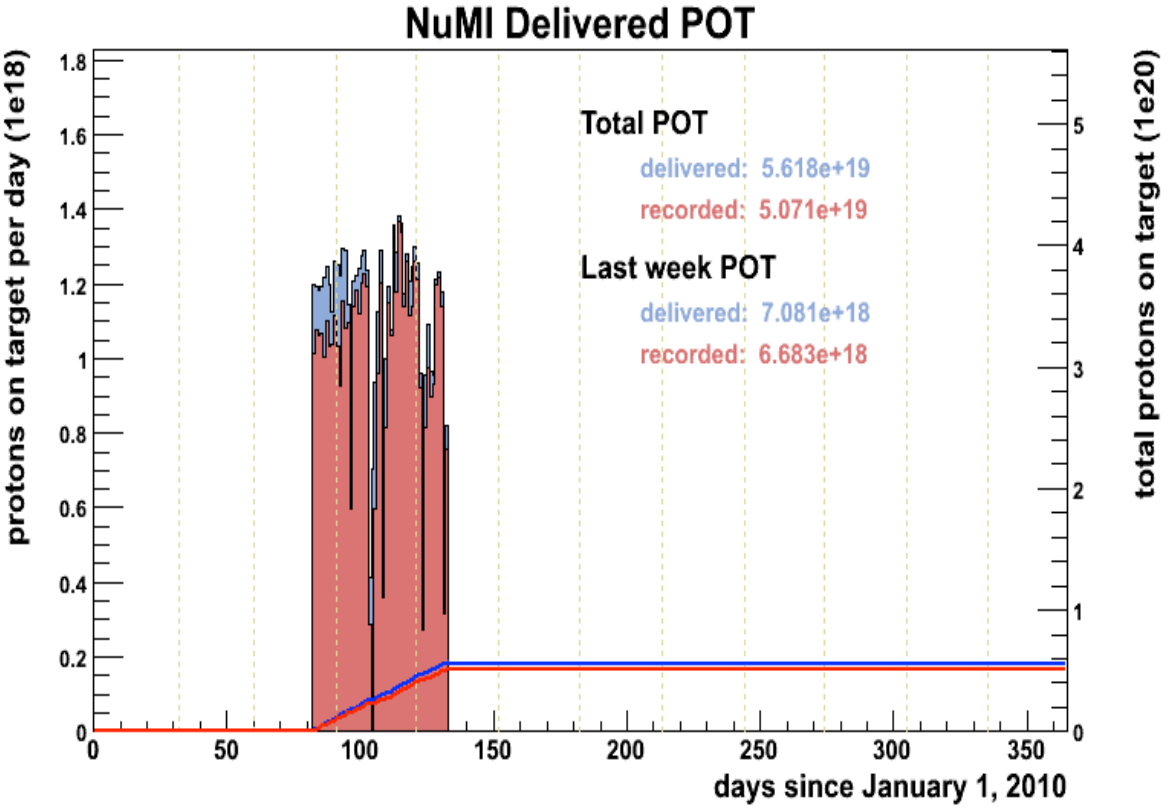
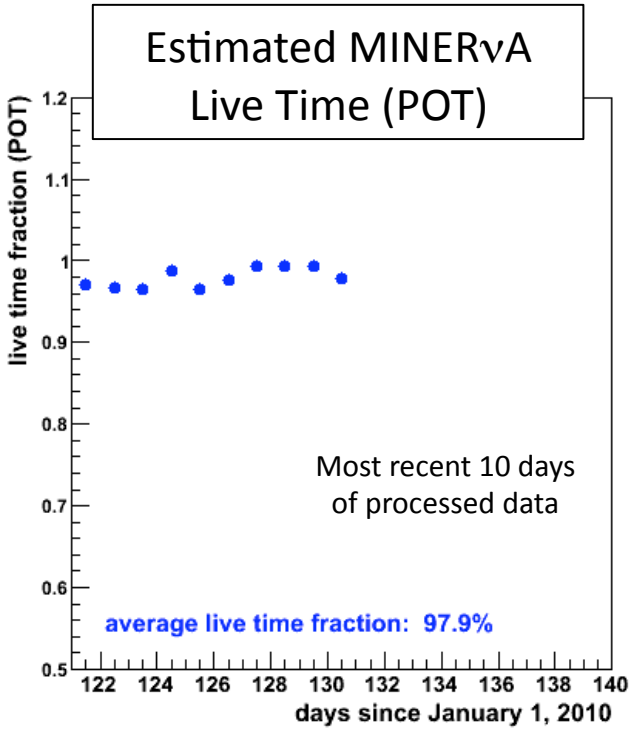
MINERνA Operations Report
Fermilab AEM

May 17, 2010

Dave Schmitz, Fermilab

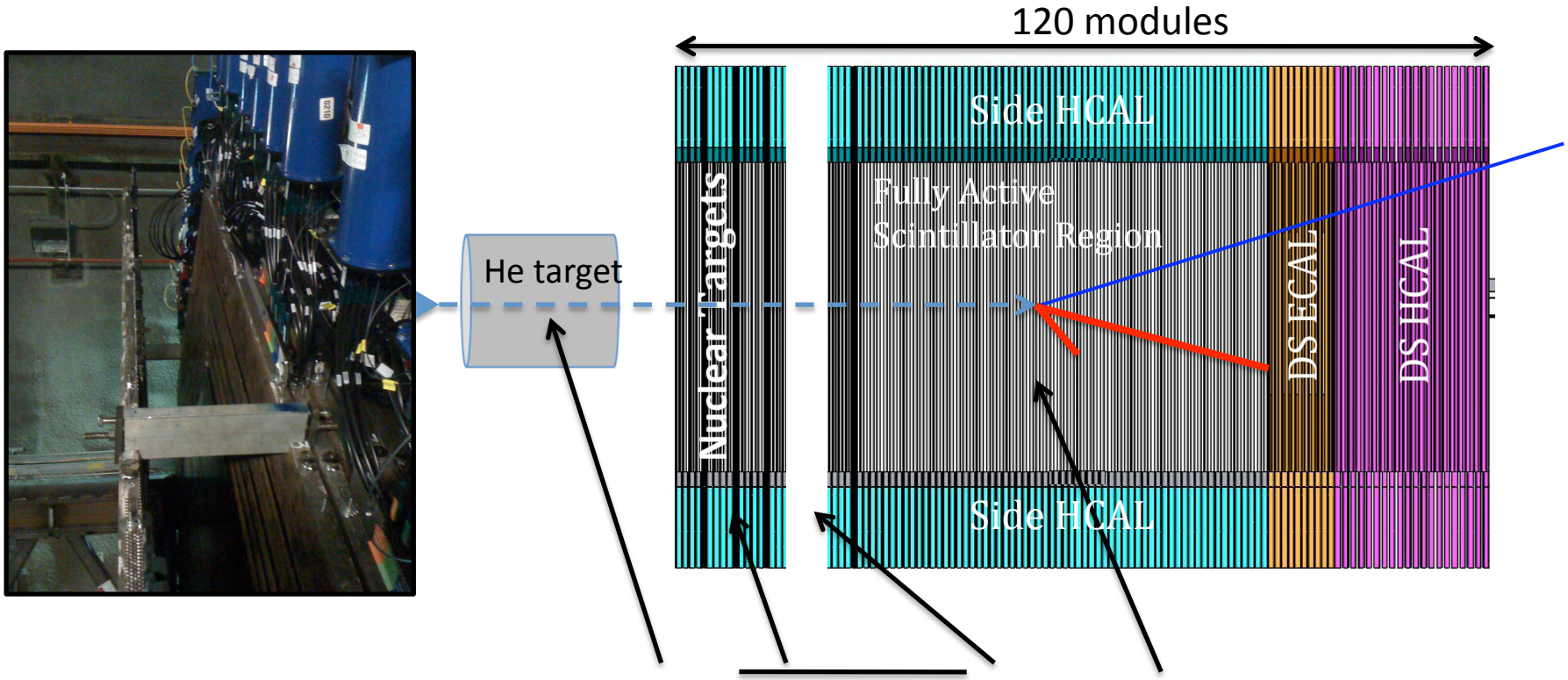
MINERνA Low Energy Neutrino Run
Starting March 23, 2010





- continued smooth running of the detector over the past week

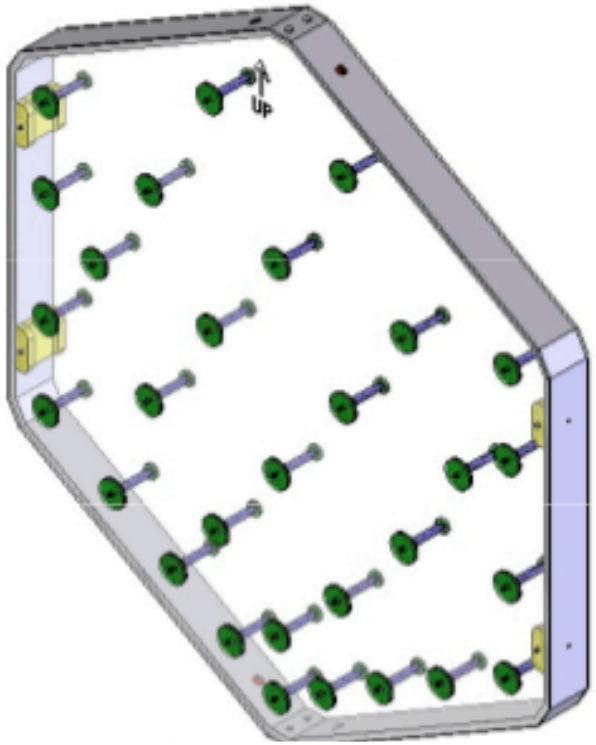
MINERνA Water Target



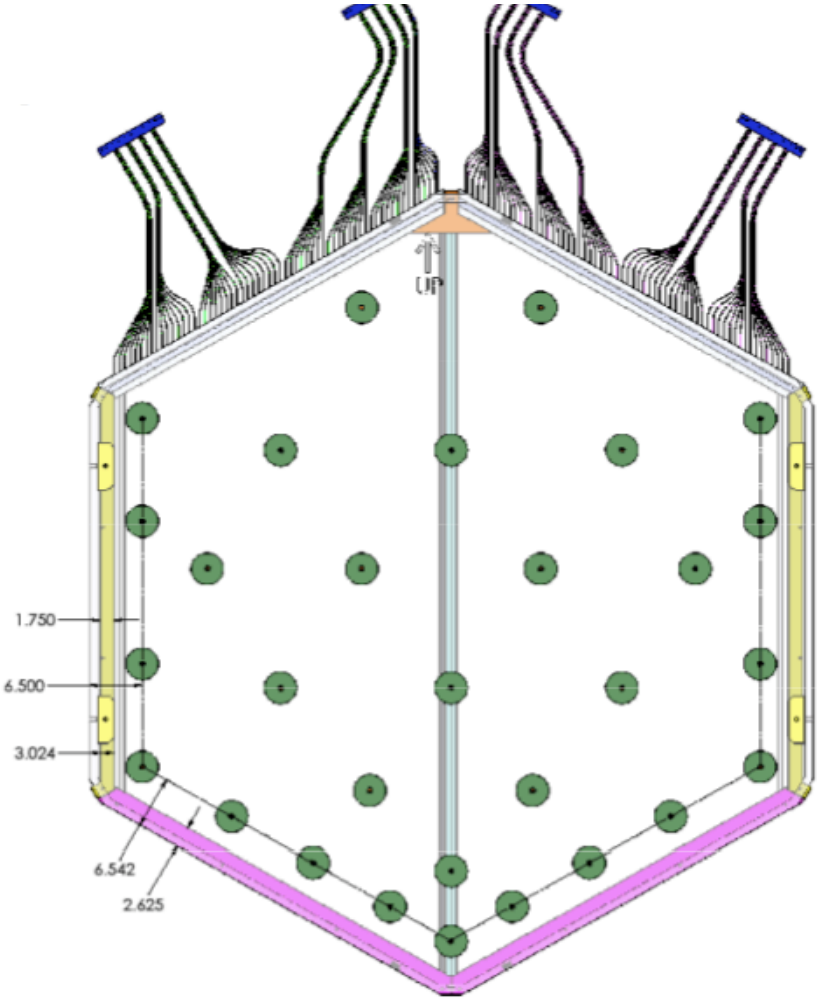
nuclear targets **(He, C, Fe, Pb, H_2O, CH)**

- when the detector was constructed, an 11" gap was left between modules 14 and 15 for a water nuclear target

MINERνA Water Target



WATER VOLUME	170	gal
WATER MASS	1360	LBS



Water Target dimensions are same as MINERνA inner detector planes

MINERνA Water Target

- Target constructed and test filled in Florida past month
- Expected delivery to FNAL next week
- Will be assembled in Wideband hall, water filled, and surveyed
- Once tested will be transported to NuMI detector hall and installed; expected in first half of June
- Will lose very little, if any, running time due to installation and filling of water target