



NA64 status and plan



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Invisible mode, electrons 100GeV, goal -> 2.0×10^{11} eot

Start data taking at May 20, delay 4 days

$\sim 1.2 \times 10^{11}$ eot accumulated on morning 30 May, 40×10^{11} on T2.

Intensity $6 \div 7 \times 10^6$ from May 22;

$\sim 1.5 \times 10^{10}$ eot per day, need 5-6 additional days.

29 May accumulated $\sim 1.9 \times 10^{10}$ eot



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Plan:

Data taking until Monday, June 4 or 5;

Load 150 GeV electrons, alignment counters, MM, GEM, Straw, Hcal&Ecal.

Beam tuning, check all detectors and trigger;

Data taking with 150 GeV electrons and invisible setup until Wednesday.

Wednesday, June 6, shift all detectors on 3.5m downstream for visible setup, installation of additional vacuum pipe between Wcal and Ecal;

Visible mode, electrons 150 GeV, goal $\rightarrow 5 \times 10^{10}$ eot $\rightarrow 6$ days

Charge-exchange measurements, hadrons 40 GeV, goal $\rightarrow 10^{10}$, 5 days

100GeV electrons, online analysis 2×10^{10} eot

HCAL energy, GeV

