

Hummer 29 May 29, 2003

15:10 #1978 7×10^{10} 200K/spill target (body) @ 835

then joint E880 (agreement) @ 46.5
 $P = -32.6 \pm 3.1$ $\chi^2 = 1.85$

15:44 #1979 6×10^{10} 200K/spill (E880 5787)

$$P = -24.9 \pm 1.7 \quad \chi^2 = 1.02$$

$$E_{880} = 1.70 \pm 0.38 \times 10^{-3} \text{ (using } A_N = 0.8 \times 10^{-3} \text{)}$$

$$\rightarrow P_{E_{880}} = -29 \pm 7\%$$

#

The run was stopped at 16:27, and Hummer and Synchro was on at about 16:22.

16:34

start another E880 run with Hummer on, Synchro on.
 Intensity: $I = 0.66 \times 10^{10}$ (0.8×10^{10} at injection)

17:34

after a long time w/o LINAC, decide to stop the run.

$$E_{E880} = -1.59 \pm 0.65 \times 10^{-3}$$

Hummer

19:40

Run 1980 5.5×10^{10} , 835 pos, Live off > 1hr, as found
 Short run, Peggy ready to start filling RHIC
 not accepted (?) One ags fill survived cuts
 "174 spills rejected w/ low statistics"
 Surely possible we were not in Tapple mode, is this
 consistent?

20:45

#1981 5×10^{10} , 835 pos, 150K
 $P = -29.5 \pm 2.7$ $\chi^2 = 1.1$

840 $\rightarrow$ 130K
 830 $\rightarrow$ 100K

21:40

Start E880 run 5789

Start CNI run 1982

6×10^{10}

185K/spill

$$5789: (-20.8 \pm 0.58) \times 10^{-3}$$

$$1982: -31.9 \pm 2.4 \quad \chi^2 = 1$$

#

CNI #1983

0.5×10^{11}

#

$$-27.9 \pm 2.0 \quad \chi^2 = 2.01$$

579 P

E880

$$(-17.6 \pm 0.49) \times 10^{-3} = E_{E880}$$

#