

May 28, 2003

1:25 E880 target scan on U3, $G8 = 41.5$

JJW

Gain	counts/spill
1950	150 K
2150	2 K
1850	500 K
1750	160 K
1800	390 K

Use 1850

1:40 Run 1912 Test run on U3

5dB attenuators are in place.

E distribution looks strange at low E on inner detector

1:55 Run 1913 E880 5749 $I = 0.65$

$$P_{CNI} = -43.6 \pm 2.8 \quad \chi^2 = 7.06$$

$$\epsilon_{E880} = -2.82 \pm 0.572 \times 10^{-3}$$

$$P_{CNI} = -39.3 \pm 2.8 \quad \chi^2 = 3.29 \quad \text{after changed banana cut}$$

2:15 Run 1914 E880 5750 $I \sim 0.60$

$$\epsilon_{E880} = -2.69 \pm 0.392 \times 10^{-3}$$

$$P_{CNI} = -39.8 \pm 1.8 \quad \chi^2 = 7.26$$

2:40 Run 1915 E880 5751

changed DAQ ~~from~~ Emin from 320 to 400 keV

RF lost spill GG

$$\epsilon_{E880} = -3.55 \pm 0.540 \times 10^{-3}$$

$$P_{CNI} = -39.3 \pm 2.6 \quad \chi^2 = 9.63$$

E880 increased by
30%, but no change
in CNI

2:57 Run 1916 E880 5752

RF lost spill G8

$$\epsilon_{E880} = -3.50 \pm 0.537 \times 10^{-3}$$

$$P_{CNI} = -47.0 \pm 2.5 \quad \chi^2 = 3.06$$