Overview

- Startup after septum bakeout waiting week
- before beam: Movement studies of the target magnet: Its perfectly elastic
- beam came on Friday the 23th at 22:00, it became stable the following Saturday at 12:30
- All detectors were set up and fine by that time, a threshold scan of BMS 5 and 6 was done.

Efficiency

- 11009 spills physics + taken
- 13075 spills physics taken
- SPS efficiency: 80.6%
- Beam use: 98.2%
- Spectrometer efficiency: 89.3%

Problems

- Water, once mistaken for smoke...
- DAQ sometimes went to throttle mode, because of failing disks in pccoeb16
- an annoying number of straw trips in the evenings

Efficiency

Period From: Fri, 23 Jul 2004 12:00 To: Fri, 30 Jul 2004 12:00

Calculated At: Fri, 30 Jul 2004 13:16

Length of time excluding scheduled MD: 168.00 hours

**** Efficiency of PS/SPS

a: Total SPS Circle (exclude scheduled MD): 35822.0

b: SPS spill with T6 current >30.0: 28856

c: Sum of T6 current 3561548.2

d: (=b/a) PS/SPS Efficiency: 80.6%

**** Muon Beam In HALL 888

f: SPS spill In Hall with Muon Count >100000.0: 28341

g: Sum of In Hall Muon Count: 5357741702750.0

h: (=f/b) SPS Spill Get in 888: 98.2%

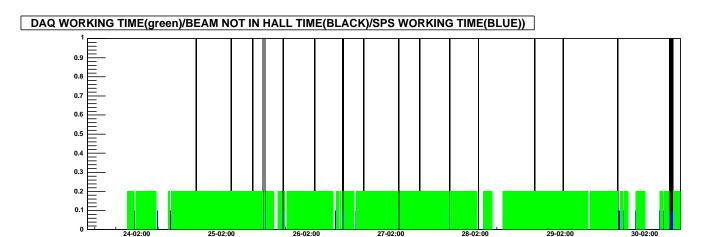
**** Use of SPS/Inhall Spill in COMPASS

i: Spill used with ion chamber counting >100.0: 25316

j: (=i/f) Inhall spill used: 89.3%

k: (=i/b) SPS spill used: 87.7%

Distribution of used spills: field_rotation runs used 997 spills, 3.9% random_trig runs used 6 spills, 0.0% beam_test runs used 122 spills, 0.5% physics- runs used 11009 spills, 43.5% physics+ runs used 13075 spills, 51.6% detector_test runs used 2 spills, 0.0% DAQ_test runs used 8 spills, 0.0% alignement runs used 94 spills, 0.4%



Period report 23. July to 30. July

