

# AGS Experimental Area

## *FY1993 Physics Program*

1 June – 31 July 93, 24 GeV/c protons

1 Sept – 14 Oct 93, 11 GeV/c/nucleon Au

g-2  $\mu$  Storage Ring

V1,  $\pi$ - $\mu$  Beam Line

I10, E880  
Partial Snake

U Line

RHIC Transfer Line

D2- $\mu$  Channel

D-Target

A-Target

D6-2GeV { E813, H Search; E885,  $\Lambda\Lambda$  Hypernuclei  
E886, New Particle Search (HI)

A2-6GeV, E865,  $K^+ \rightarrow \pi^+ \mu^+ e^-$

A3, E878, New Particle Search (HI)

B-Target

A1-MPS, E852, Exotics

B2-Test Beam, 17 groups

B1 { E866, QGP (HI)  
E862, E863, E882A (HI-Small)  
E883, E875, E893 (HI-Small)

C-Target

B'-Target

B5, E871,  $K_L^0 \rightarrow \mu e$

C4-LESBIII  
E787,  $K^+ \rightarrow \pi^+ \nu \bar{\nu}$

C'-Target

C1-EVA, E850

Color Transparency

C5 { E877, QGP (HI)  
E882B (HI-Small)

### Experiment Multiplicity

SEB  $\leq$  10

SEB+FEB  $\leq$  12

C8-LESBII  
E890,  $\eta$  Physics

C6-LESBII, Hypernuclear Spectrometer  
E874,  $K^+$  Scattering