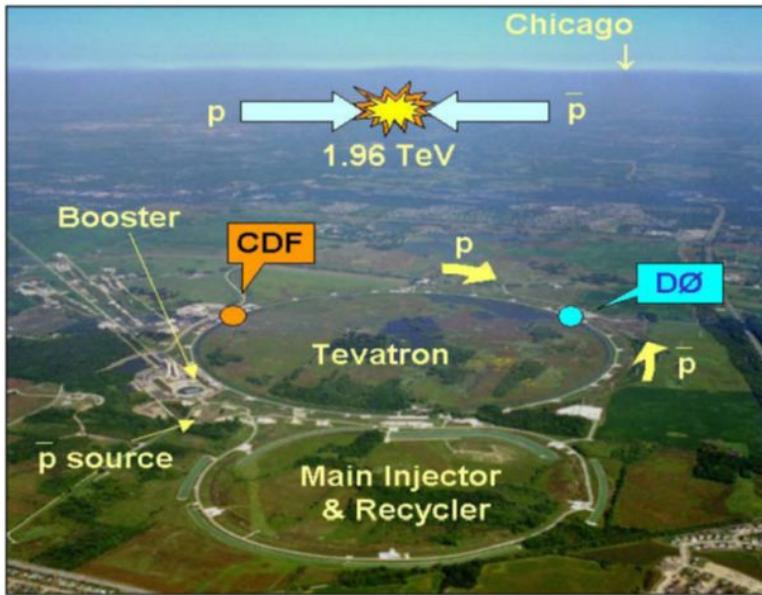
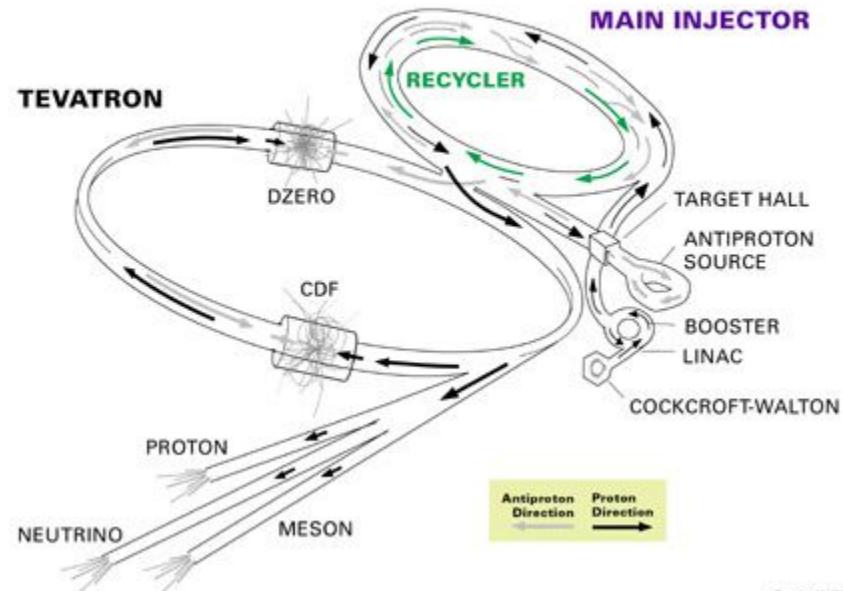


Tevatron at Fermilab (1983-2011)

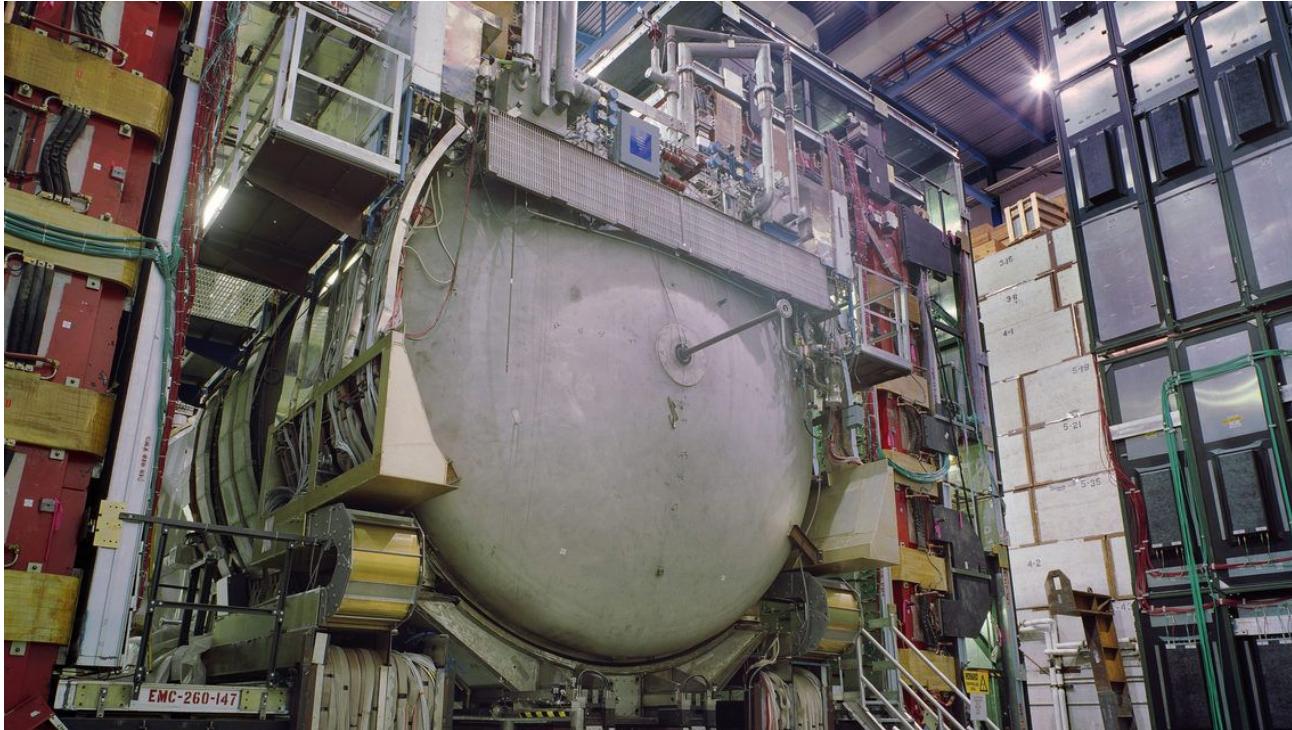


FERMILAB'S ACCELERATOR CHAIN



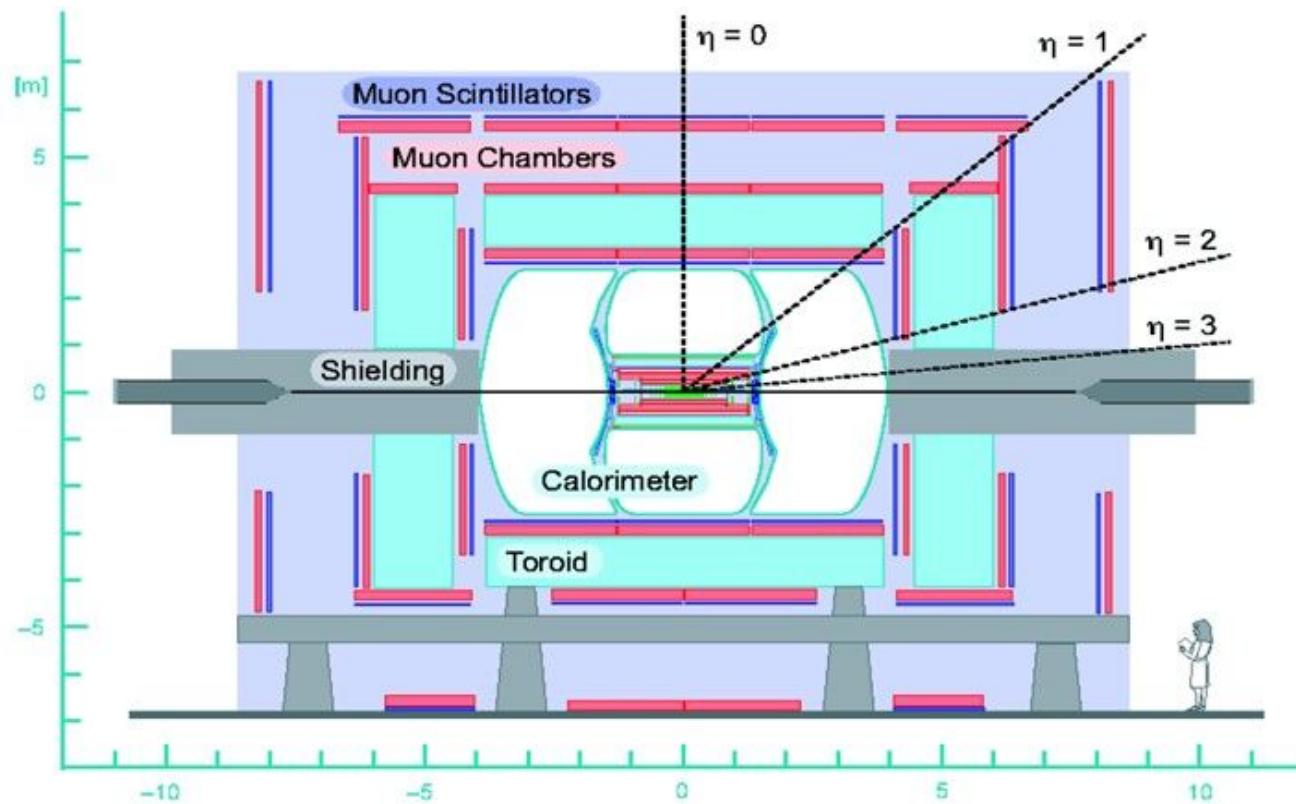
- Proton - antiproton collisions
- Discovery of the top quark - 1995

DZero Detector



First collisions: 1985 --- Discovery of top quark: 1995

D Zero detector



D Zero event display



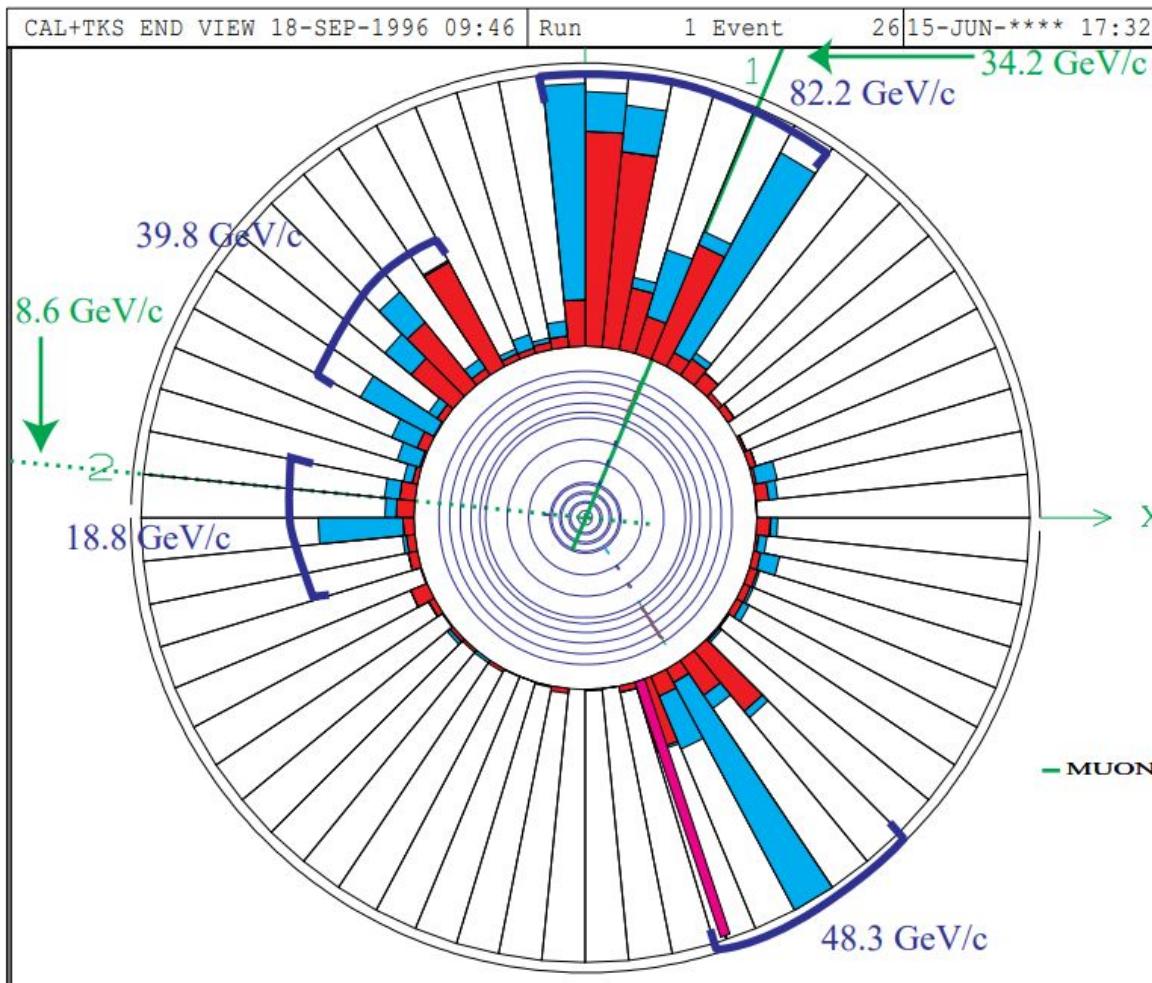
Fermilab #07-18402

CAL+TKS END VIEW 18-SEP-1996 09:46

Run

1 Event

26 15-JUN-**** 17:32



Classroom

Particle Physics

:

ENERGY

Classroom

$$J = \text{kg m}^2/\text{s}^2$$

Particle Physics

ENERGY

eV

Momentum

Classroom

$J = : \text{kg m}^2/\text{s}^2$

kg m/s

Particle Physics

eV

eV/c

ENERGY

Momentum

Classroom

$$J = \text{kg m}^2/\text{s}^2$$

$$\text{kg m/s}$$

$$\text{kg}$$

ENERGY

Momentum

Mass

Particle Physics

$$\text{eV}$$

$$\text{eV/c}$$

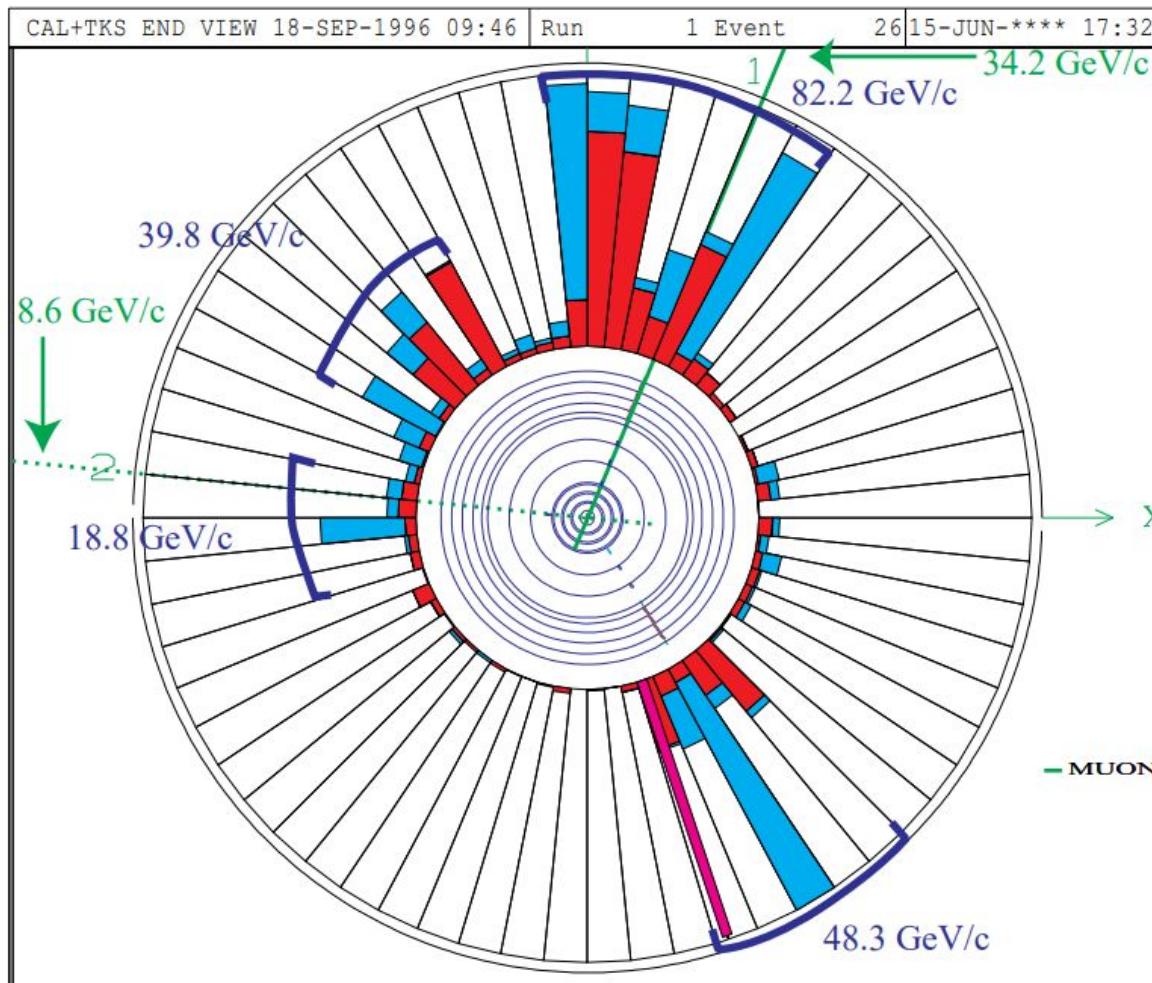
$$\text{eV/c}^2$$

CAL+TKS END VIEW 18-SEP-1996 09:46

Run

1 Event

26 15-JUN-**** 17:32



D-Zero Detector at Fermi National Accelerator Laboratory

Our task:
*What is the
total
momentum?*

