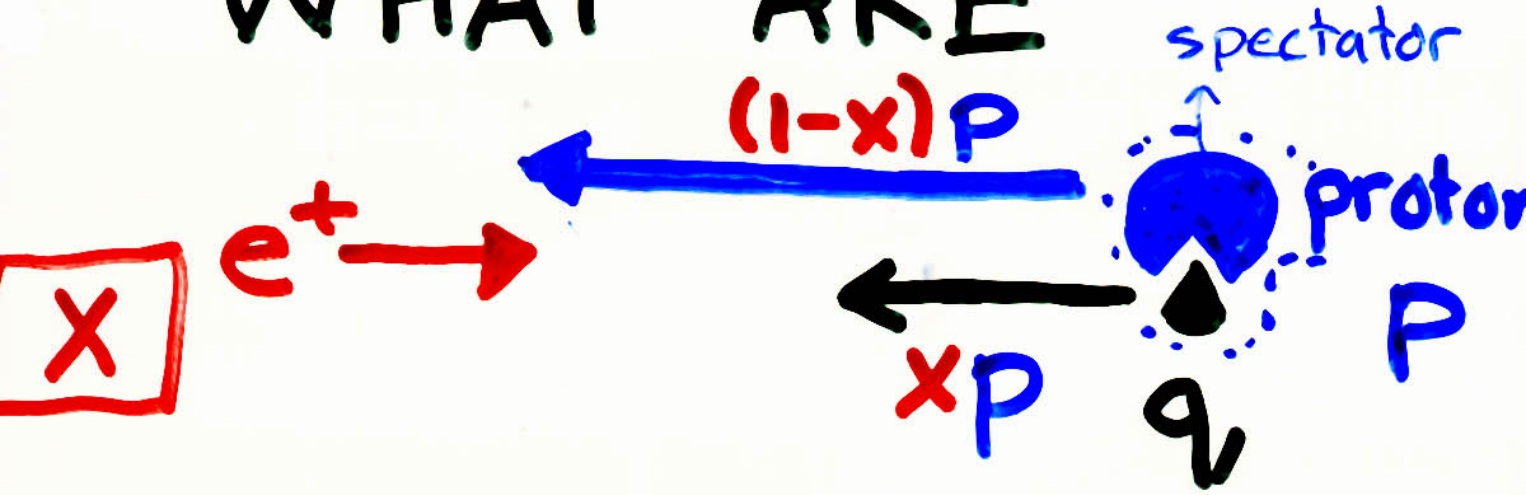
WHAT ARE



- q, with momentum xP, undergoes an **elastic** collision with e^+
- e^+q mass is $\sqrt{xs}$

Y

- α' = (e^+q) scattering angle, c.o.m. frame
- $y = \sin^2\left(\frac{\alpha'}{2}\right) = \frac{1}{2}(1-\cos\alpha')$

?

$$Q^2 = sxy$$