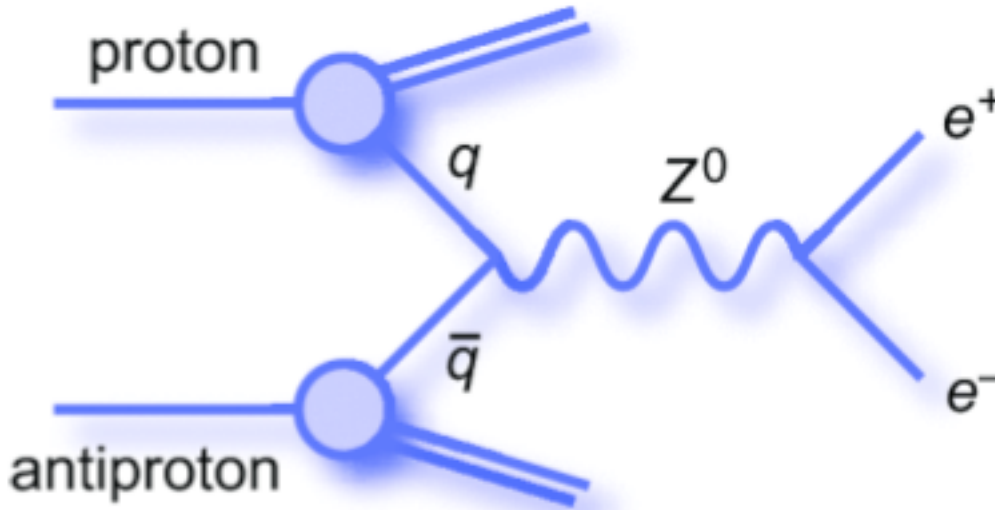
proton
q
Z^0
e^+
$\bar{q}$
e^-
antiproton