

Oklahoma Masterclass Results

- Three Oklahoma school
- We observed
 - Z boson is a neutral particle which decays into oppositely charged pairs of electrons or muons in equal proportions
 - Z boson's mass is approximately 90 GeV
 - Looking at the $M(\ell\ell)$ histogram we observed another peak corresponding to Z' boson
 - the mass of the Z' boson is approximately 1000 GeV

