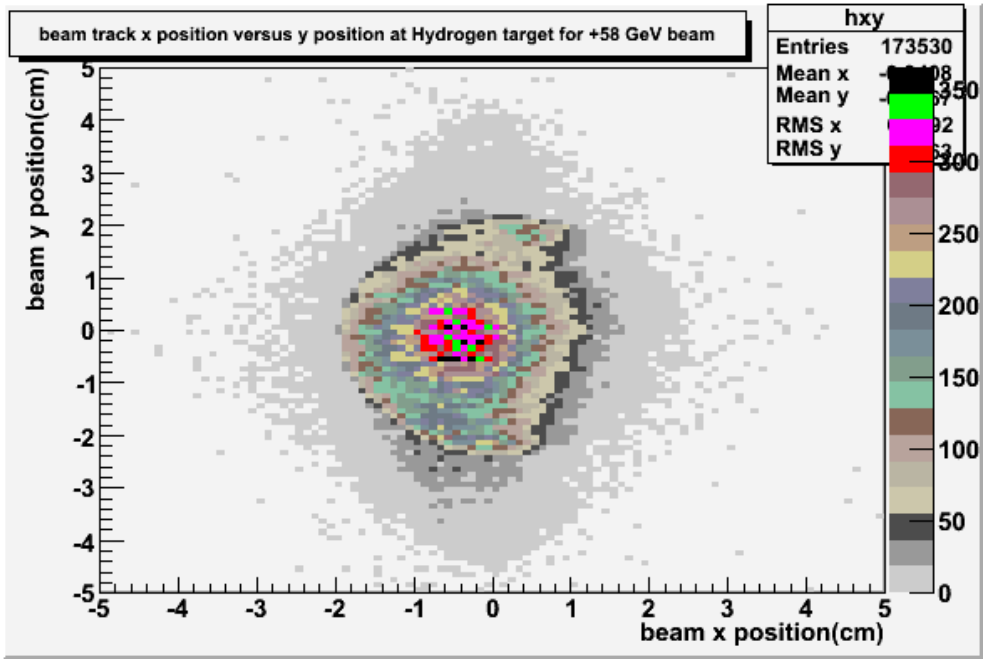
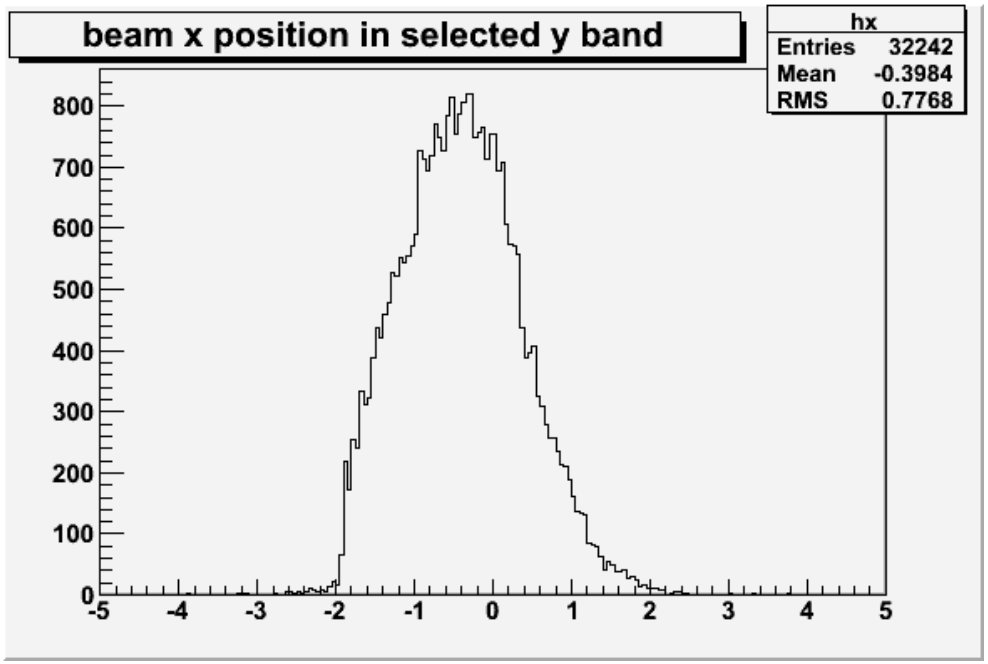
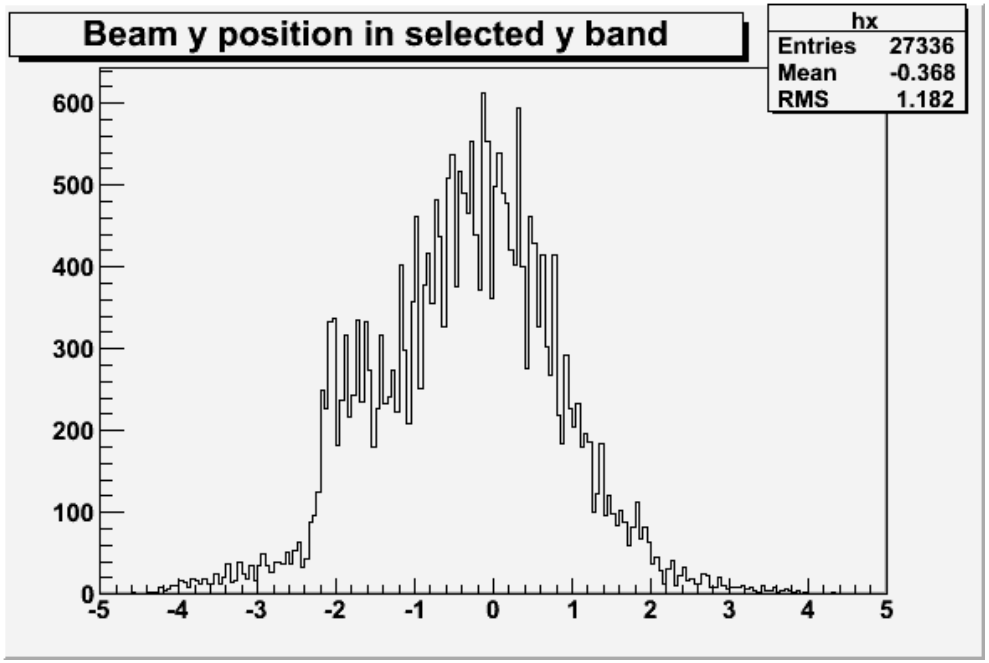
Target studies:

In LH2 target for proton beam at +58 GeV/c and produced <0.7 GeV/c pions we saw this (X,Y) target distribution.

A slice through the center shows a nice flat top beam region about 1.5 cm across, but both X and Y show scraping on one side.