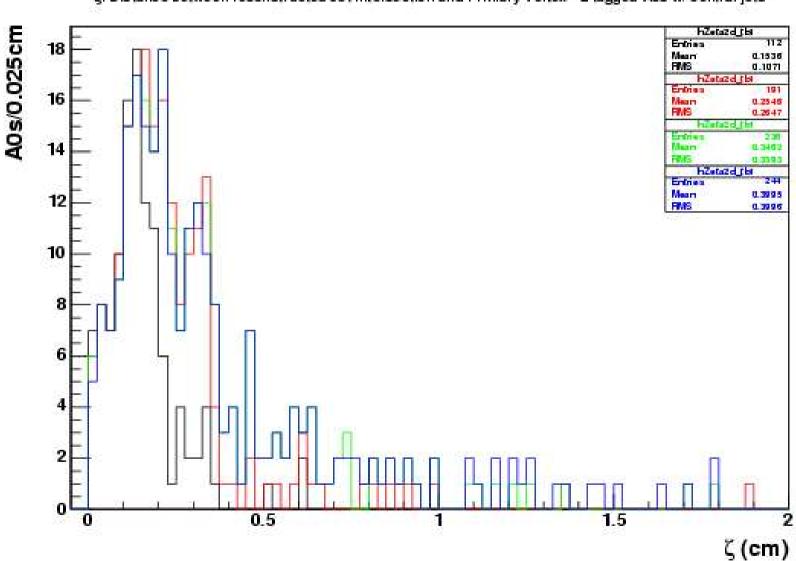
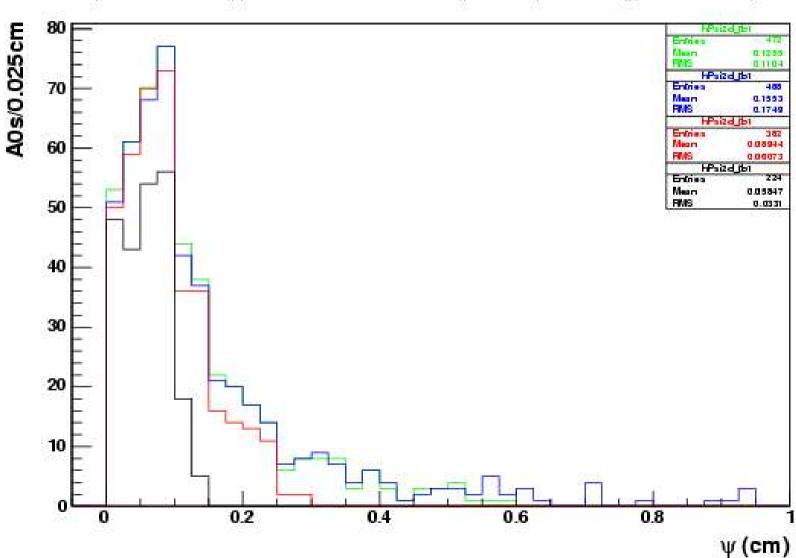
#### • Each Signal MC is run with a different maximum SecVtx d0 cut

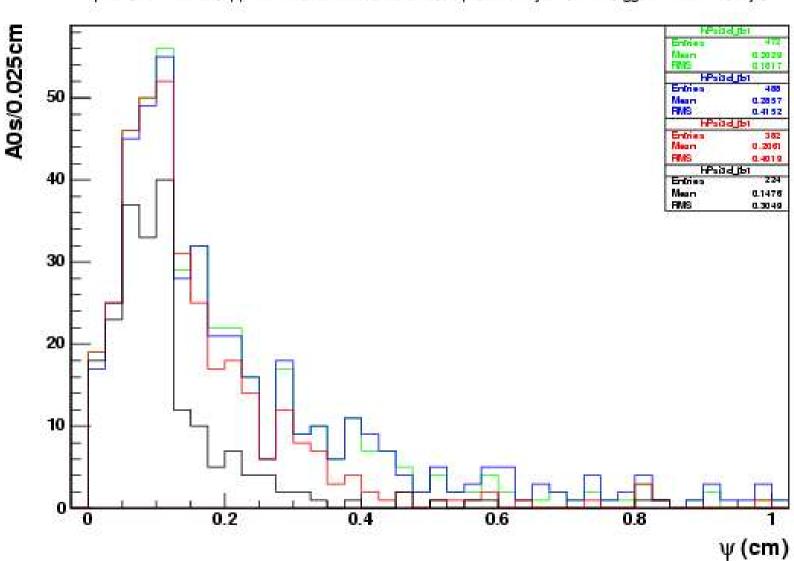
- d0 < 0.15cm (default) black
- d0 < 0.30cm red
- d0 < 0.60cm green
- d0 < 1.20cm blue
- QCD bb MC is displayed in gray
- First shown are canvases comparing the different signal MCs to one another
- Second is a comparison between
  - Signal MC where an A0 has two SecVtx tags
  - Signal MC where an event has one SecVtx tags for each A0, or the wrong combination
  - Background QCD MC



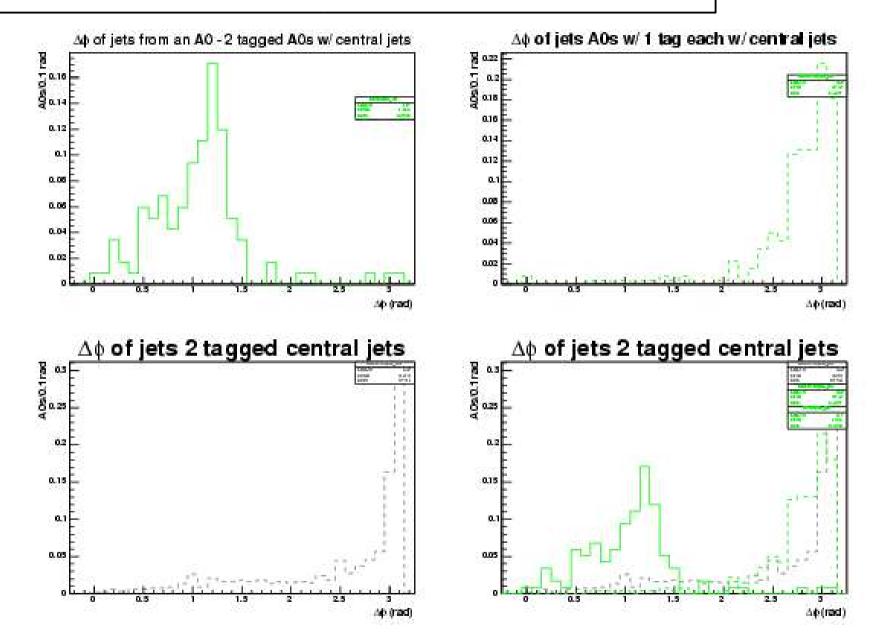
 $\zeta$ : Distance between reconstructed Jet Intersection and Primary Vertex - 2 tagged A0s w/ central jets

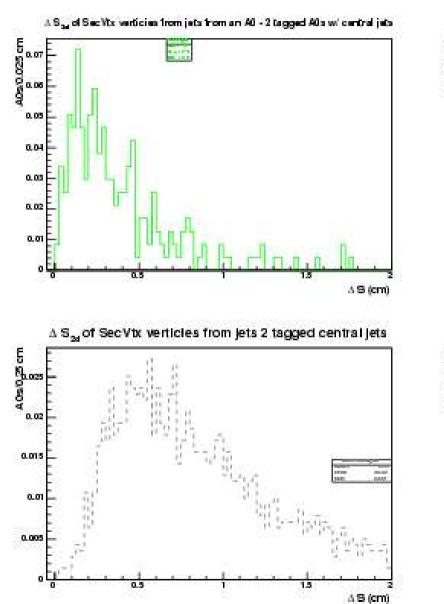


w: Distance of cloest approach between SecVtx momentum path Primary Vertex - 2 tagged A0s w/ central jets

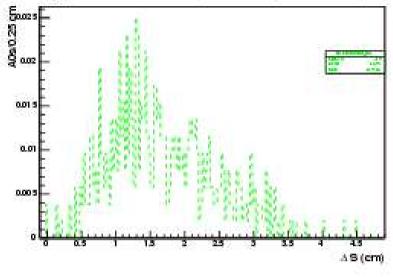


w: Distance of cloest approach between SecVtx momentum path Primary Vertex - 2 tagged A0s w/ central jets

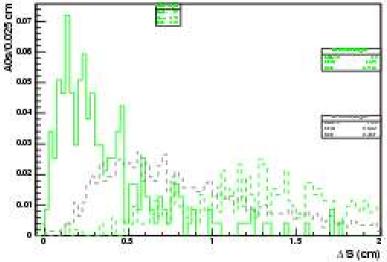


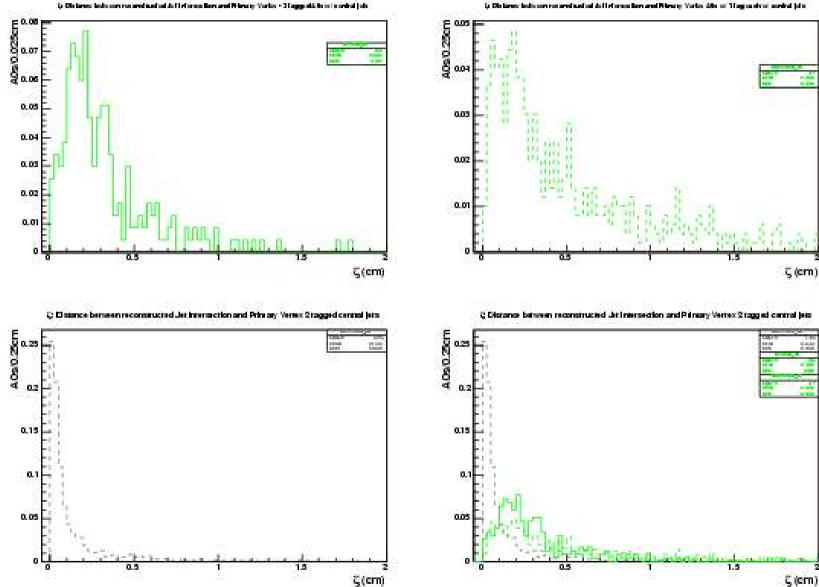


A S\_of SecVix verticles from (ets A0s will tag each w/ central (ets.

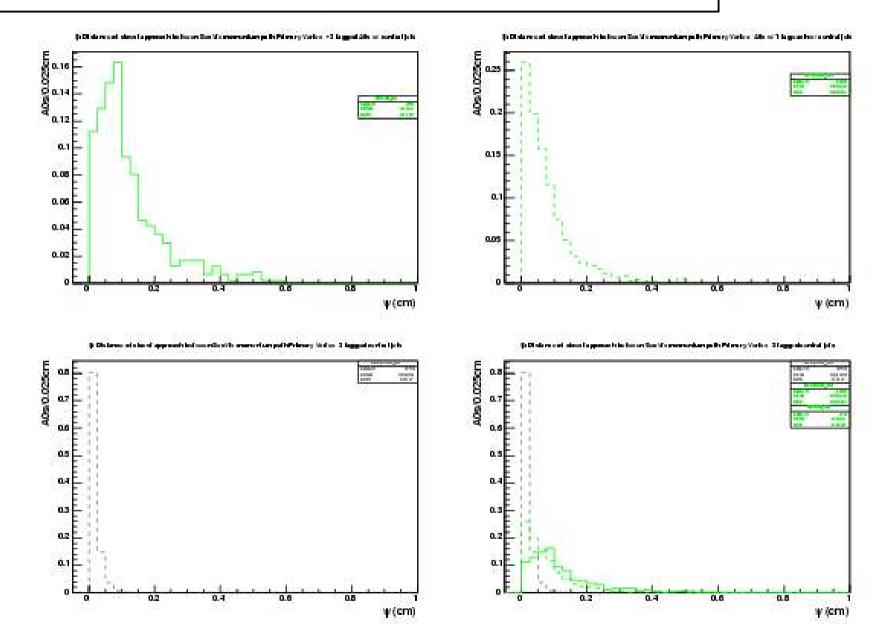


 ${\rm A}\,{\rm S}_{\rm pa}$  of SecV tx vertices from jets from an A0 - 2 tagged A0s wider trai jets

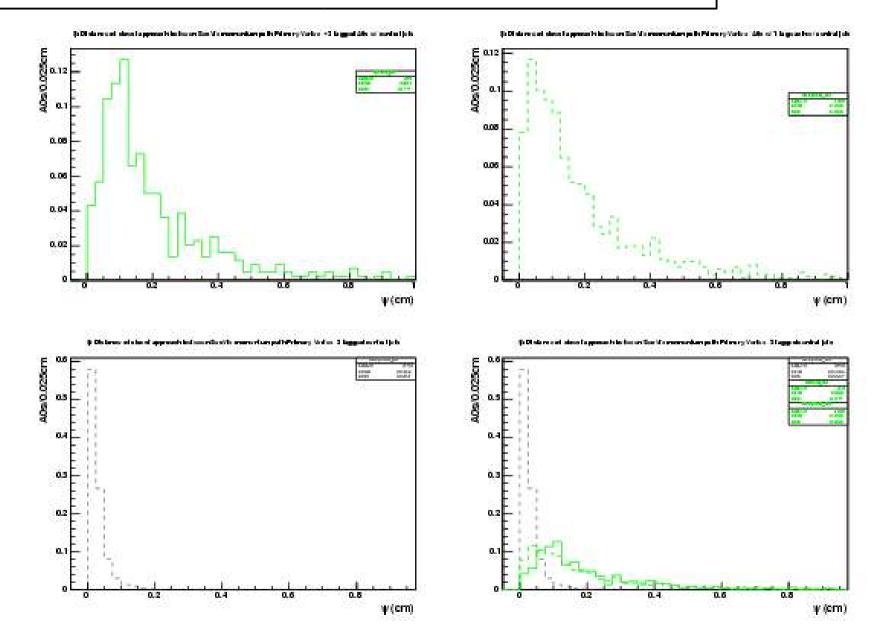


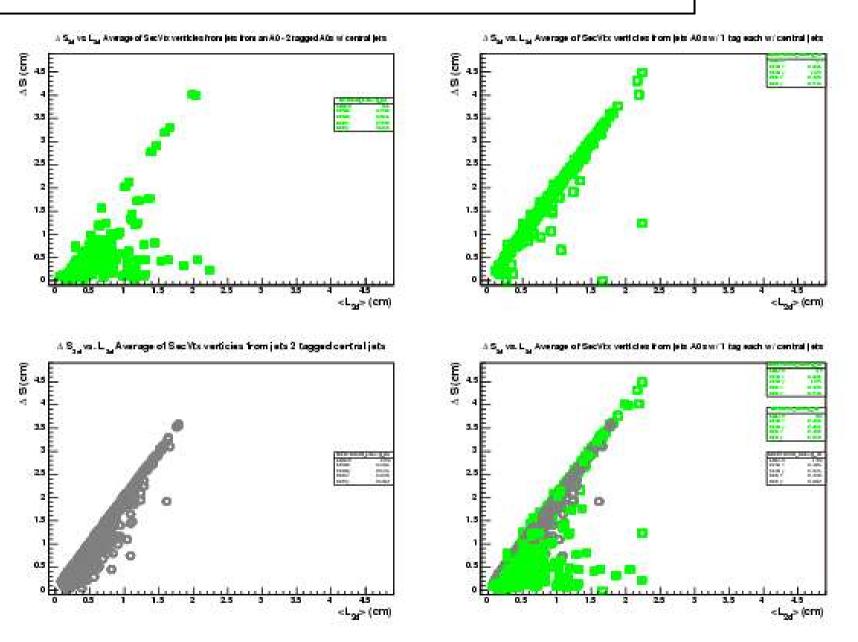


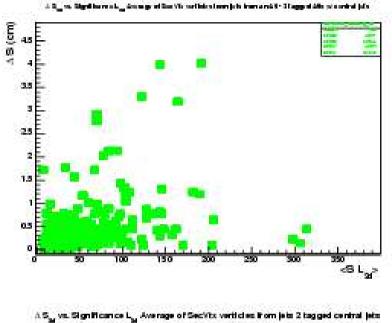
to Distance industry was responded at the second investor Network. More a Trap as done involved by a

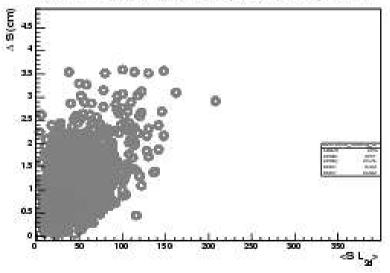


Shawn Kwang

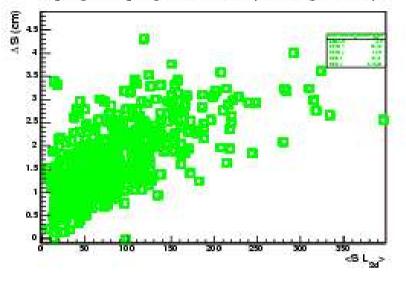




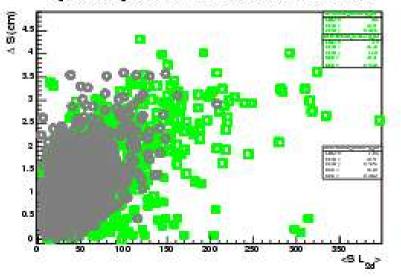


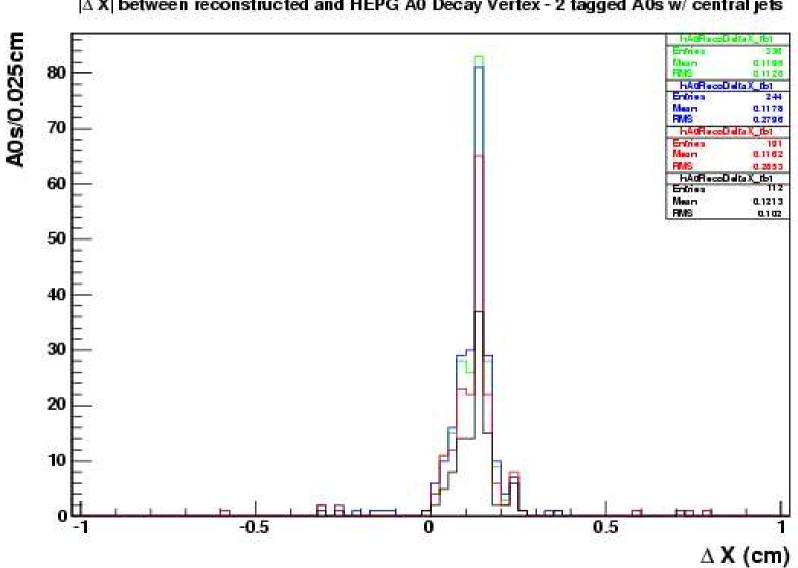


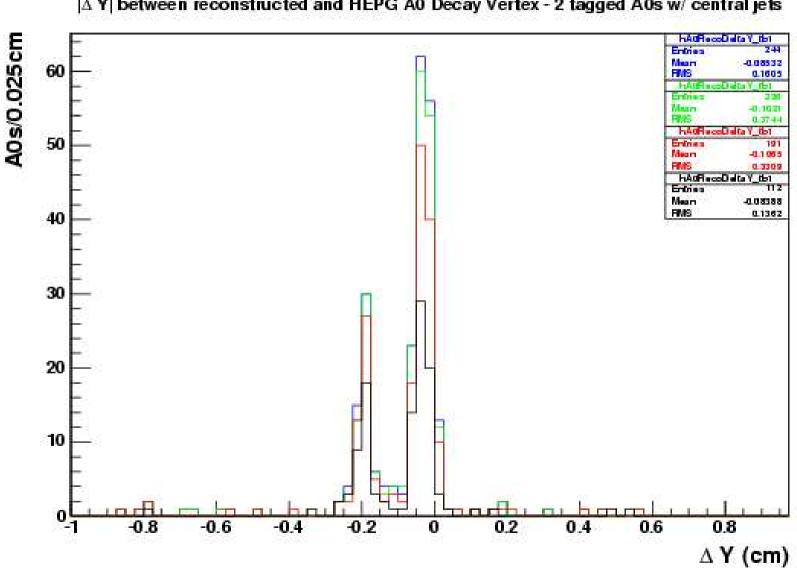
S S vs. Sign Ricence L, Average of Section verticles from jets Abarer 1 tag each referented jets.

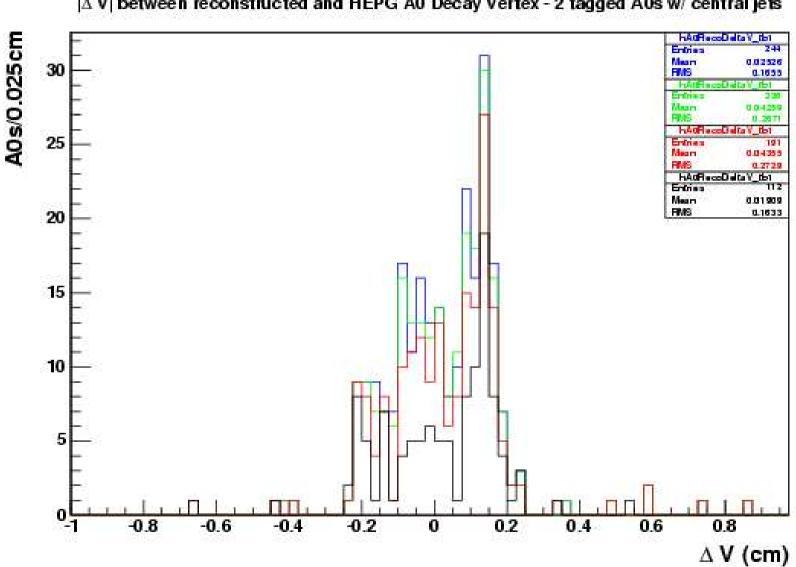


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|A V| between reconstructed and HEPG A0 Decay Vertex - 2 tagged A0s w/ central jets

