Recent Cluster Work

- Simplified Clustering: add all clusters into 1 big cluster.
- Analyse one big cluster in terms of SigmaMax
- Vary the energy cutoff in SigmaMax
- •Best Fit to Single Photon Shower Shape (Max=.85)
- •Categorize single cluster in terms of topologies.





Hi Tower Fraction of cluster energy







SigmaMax0[2]:HiTowFrac {SigmaMax0[2]<1.2}



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Single Photon Separation

40GeV<Eclust<50GeV



SigmaMax0[4]-SigmaMax0[3]:SigmaMax0[2] {abs(SigmaMax0[3]-SigmaMax0[4])<.15&& abs(SigmaMax0[1]-.7)<.6&&abs(e1c1-45)<5&&HiTowFrac<1.}







Single Photon Separation





