

# $\Delta R$ plots

- To the right are some plots that Matthias made in Aug of 2004 to answer the question as to what the DR separation was for jets using the midpoint algorithm
  - ◆ what is plotted is the  $\Delta R_{\min}$  between jet 3 ( $p_T > 20$  GeV/c) and either jet 1 or jet 2
  - ◆ it's trying to reproduce Fig. 5 in the Run 1 jet PRD
- The overlap threshold has an impact on the  $\Delta R$  distributions; if anything requiring 75% for the modified midpoint implies an  $R_{\text{sep}}$  a bit less than 1.3
  - ◆ still searching for what it looks like for un-modified midpoint

