Y-profile of energy distributions: matched MC tracks (blue) vs clusters (red) hJP\_clY\_clEn 140 E [GeV] **Entries** 11450 Mean 0.5237 Mean y 68.63 120 Std Dev 17.19 Std Dev y 46.02 100 80 60 40 20 -30 -20 10 20 30 40 50