energy of a cluster matched with a pp particle vs energy ppp hJ2\_pppClEn\_mtchEn 200  $E_{
m matched\ ppp}\ [{
m GeV}]$ **Entries** 31092 Mean x 17.65 180 Mean y 45.73 Std Dev x 26.7 160 Std Dev y 27.56 140  $10^{2}$ 120 100

