Reconstructed ρ mesons graph 1000 $\rho_1 \text{ (MeV } / \mathcal{C})$ **Entries** 422091 0 646.9 Mean x Mean y 900 605.8 Std Dev x 148.7 Std Dev y 198.3 0 800 700 150 600 100 500 400 50 300 900 1000 $\rho_1 \text{ (MeV / } c^2\text{)}$ 700 300 400 500 600 800