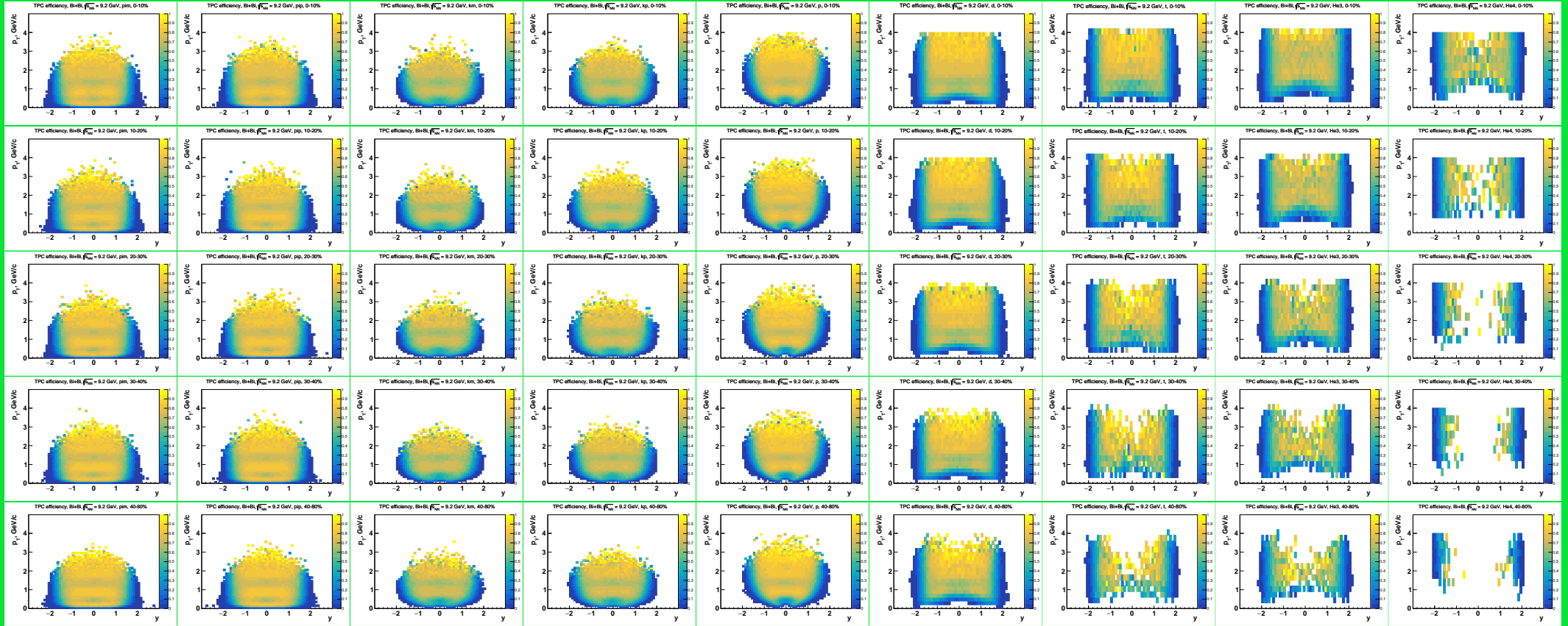
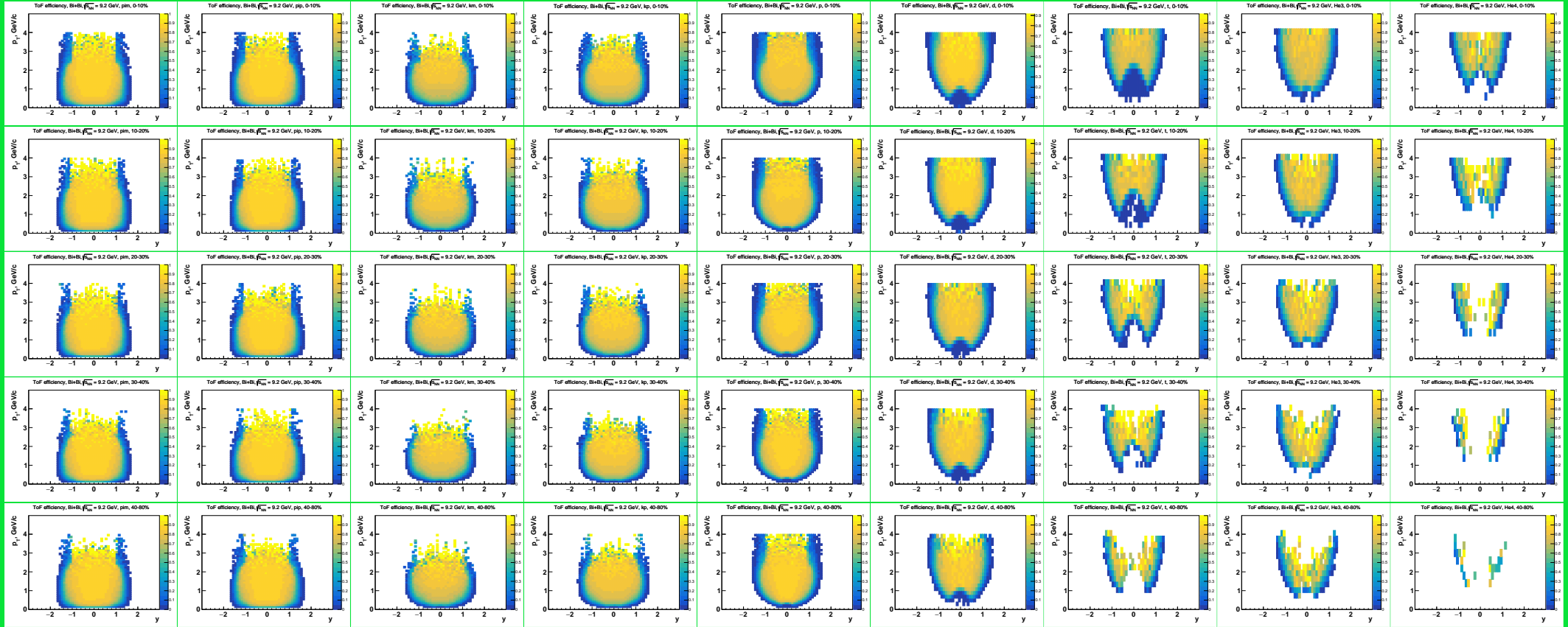


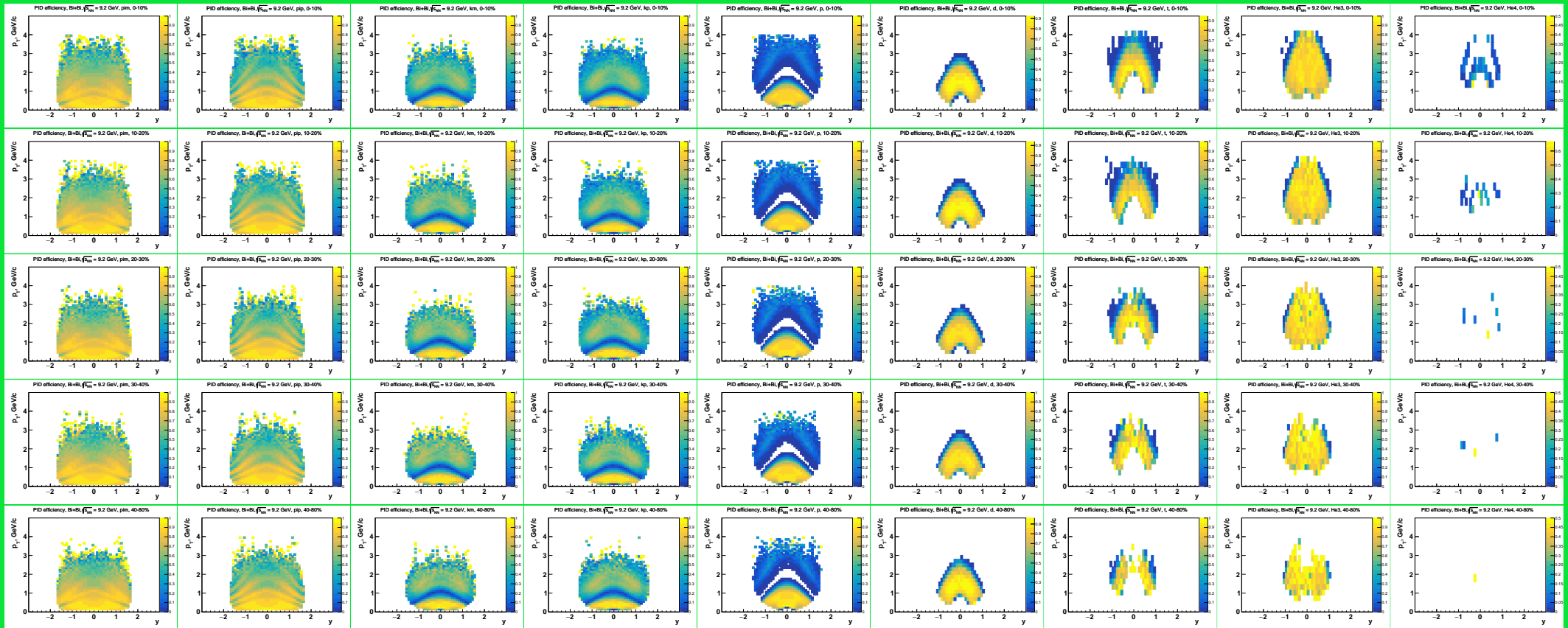
$$TPC\ efficiency = \frac{hv_eff_pdg_primary_nhits_dca}{hv_eff_pdg_primary}$$



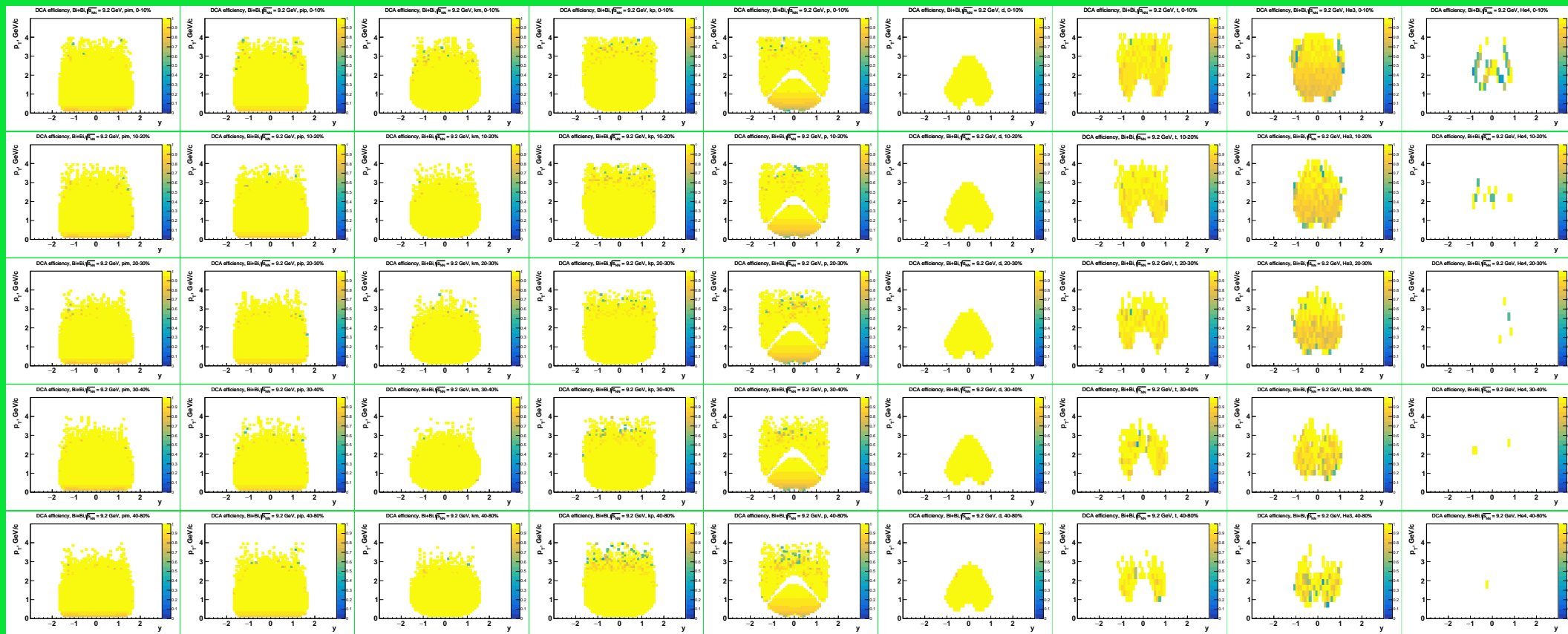
$$ToF\ efficiency = \frac{hv_eff_pdg_primary_nhits_dca_tof}{hv_eff_pdg_primary_nhits_dca}$$



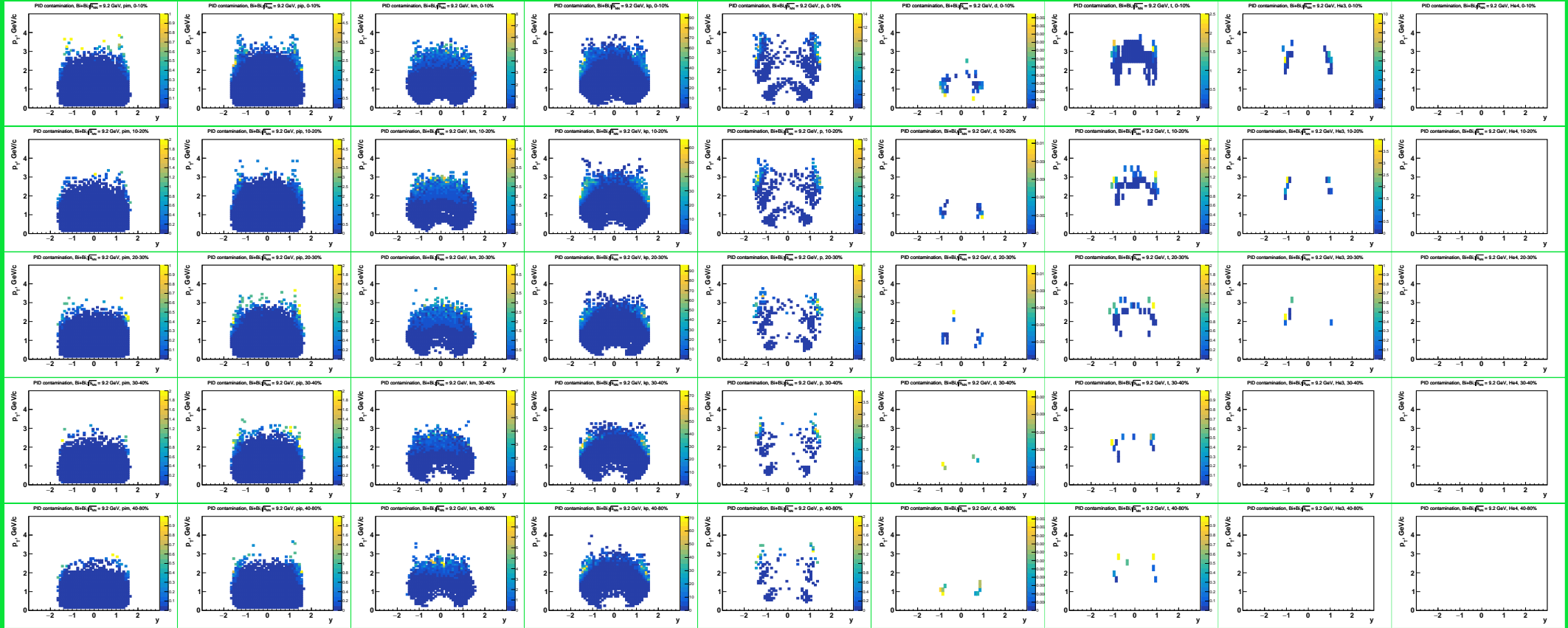
$$PID\ efficiency = \frac{hv_eff_pdg_nhits_dca_to_pid}{hv_eff_pdg_nhits_dca_to_f}$$

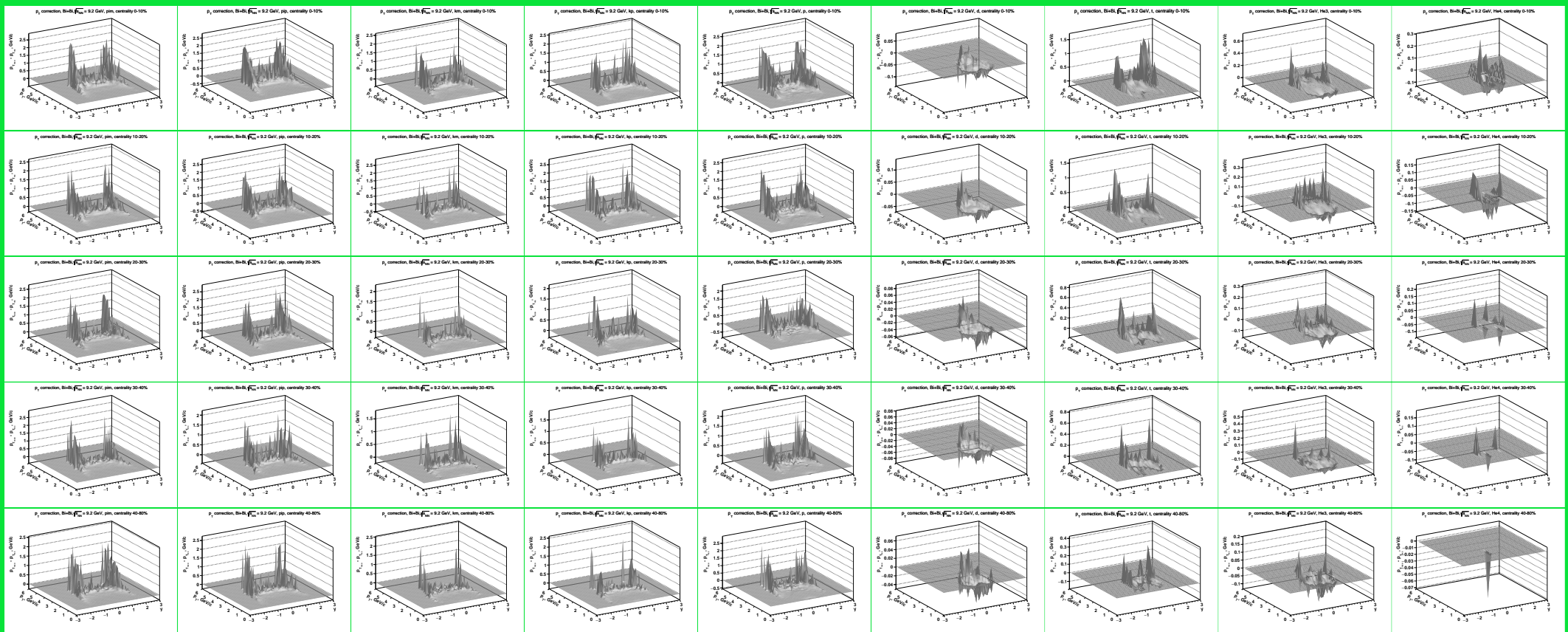


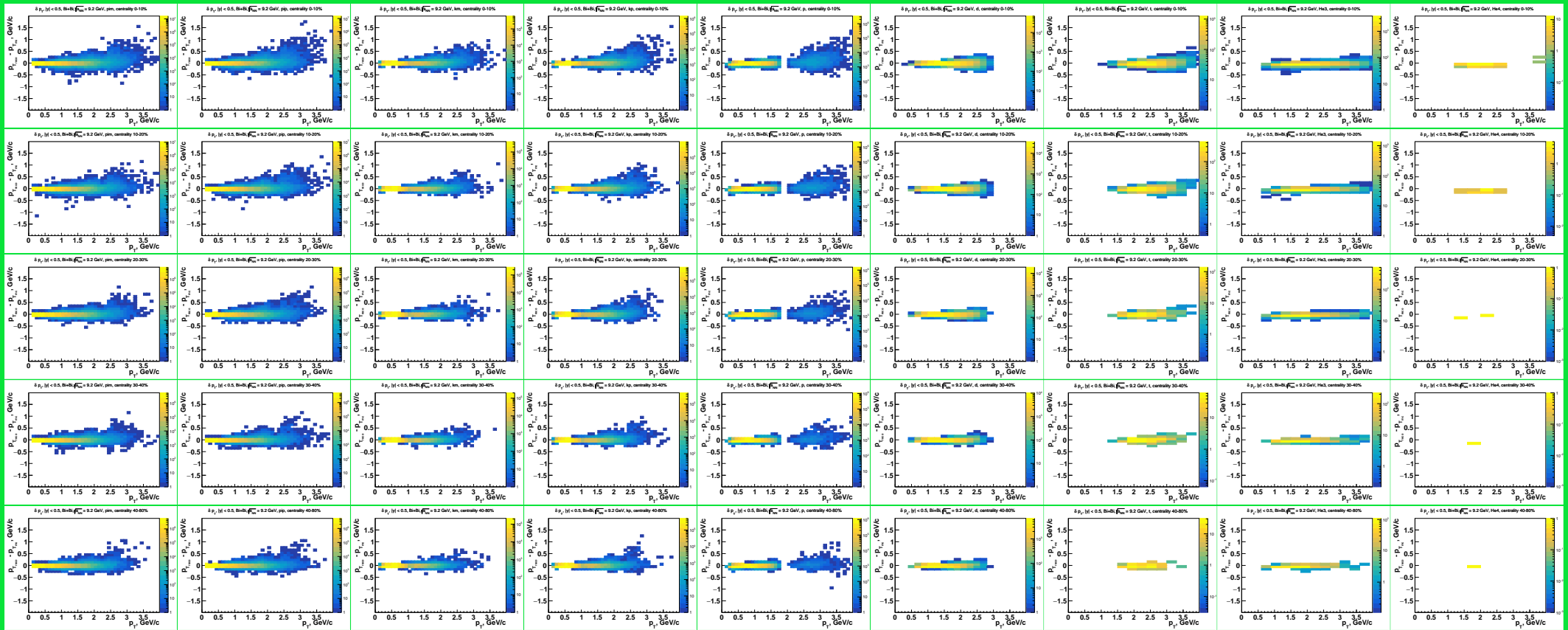
$$DCA\ efficiency = \frac{hv_eff_primary_nhits_dca_tof_pid}{hv_eff_nhits_dca_tof_pid}$$

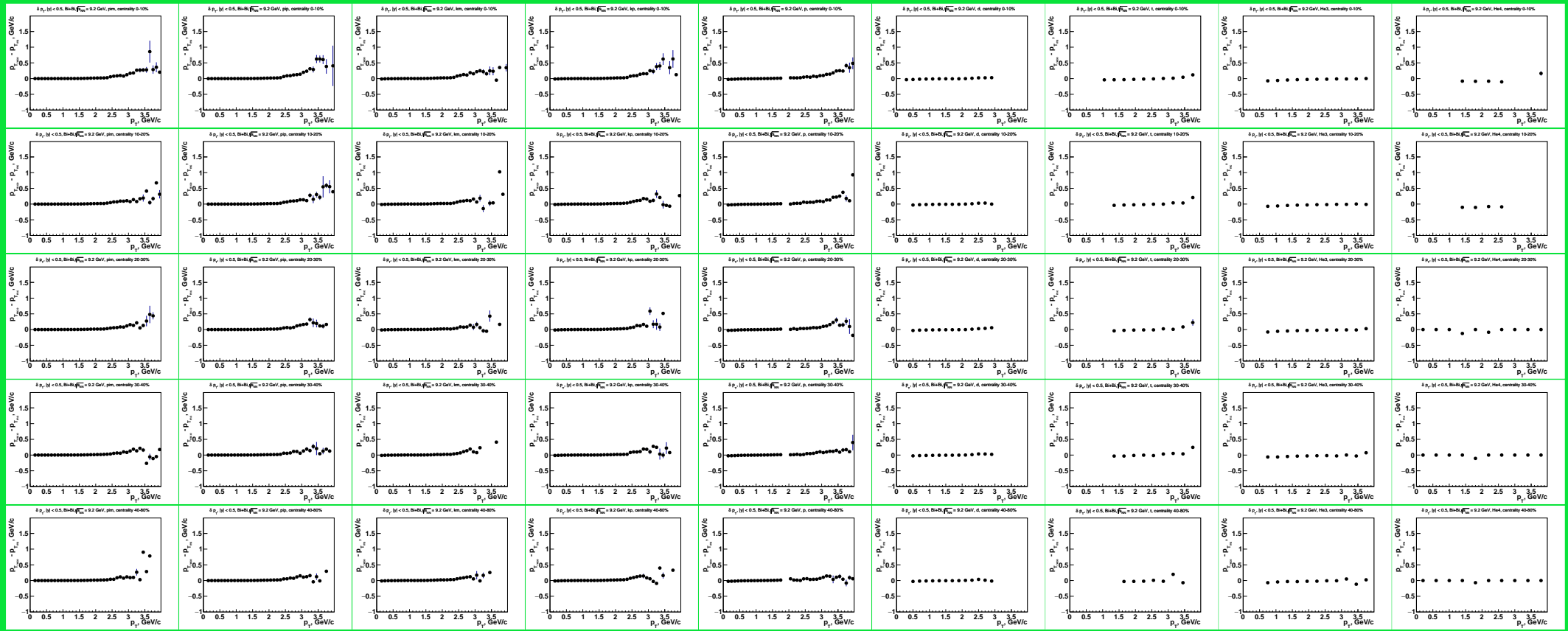


$$PID \text{ contamination} = \frac{hv_eff_pdg_nhits_dca_tof_wpid}{hv_eff_pdg_nhits_dca_tof_pid}$$

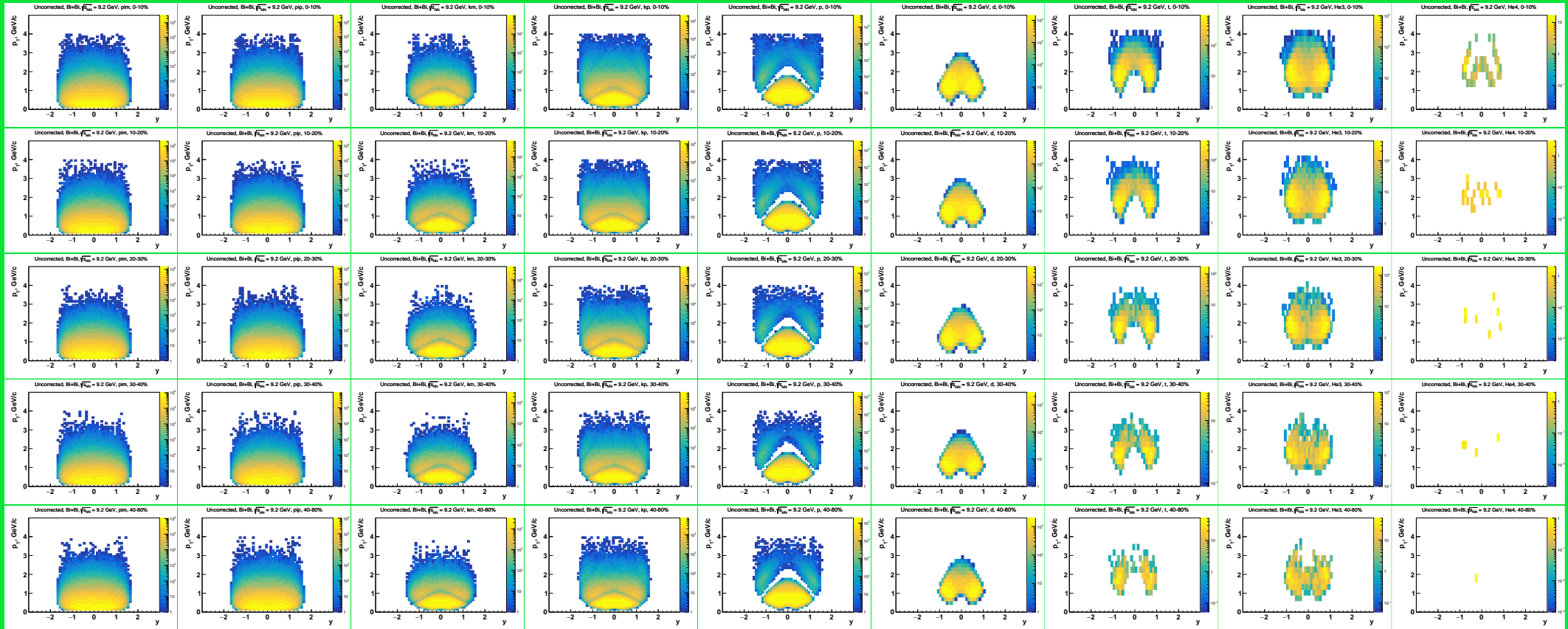








Uncorrected results



Corrected results

$$\text{Result} = \frac{\text{Uncorrected} \cdot (1 - \text{PID contamination})}{\text{TPC efficiency} \cdot \text{ToF efficiency} \cdot \text{PID efficiency} \cdot \text{DCA efficiency}}$$

