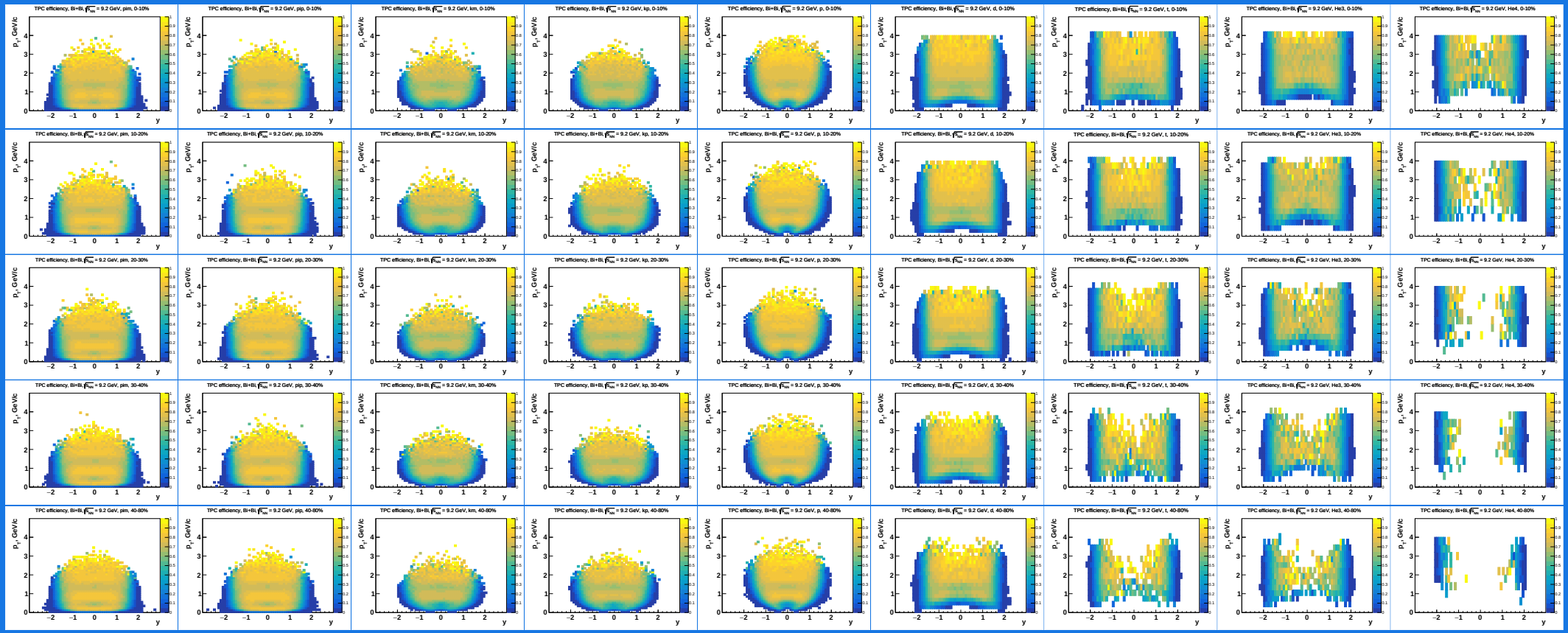
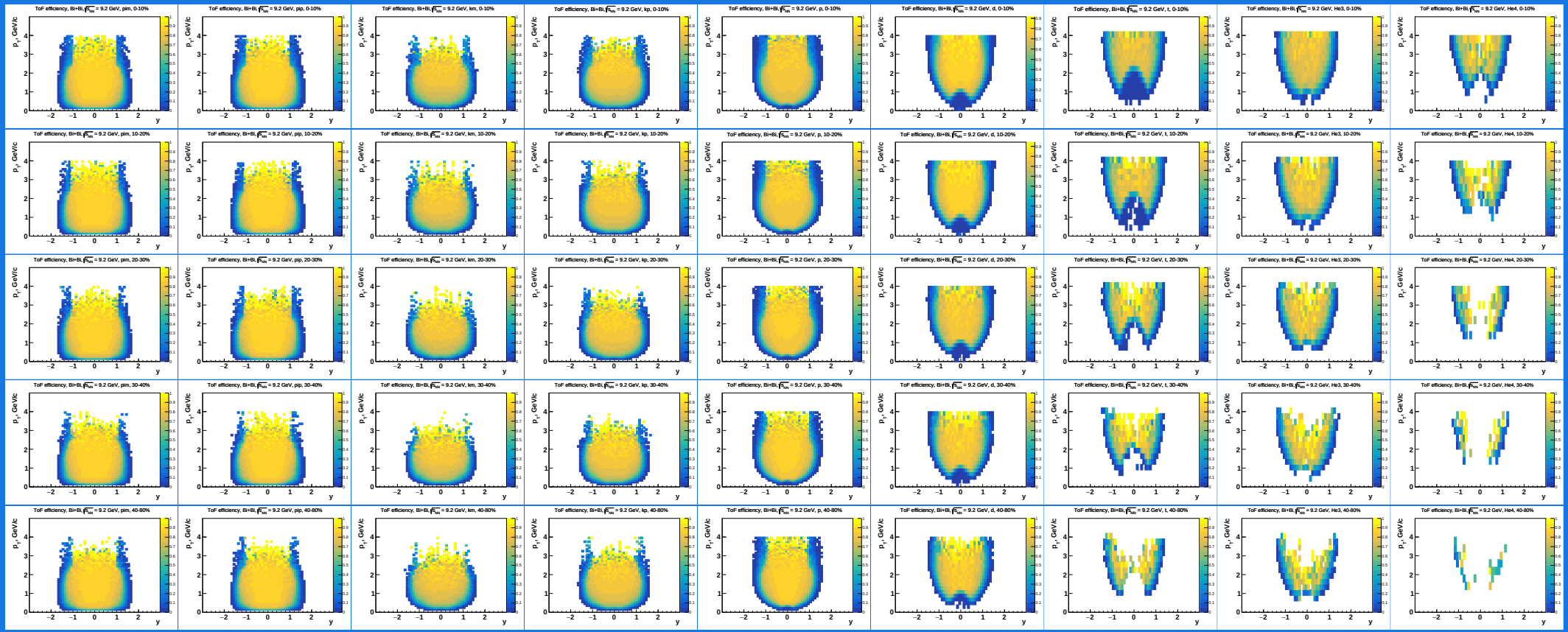
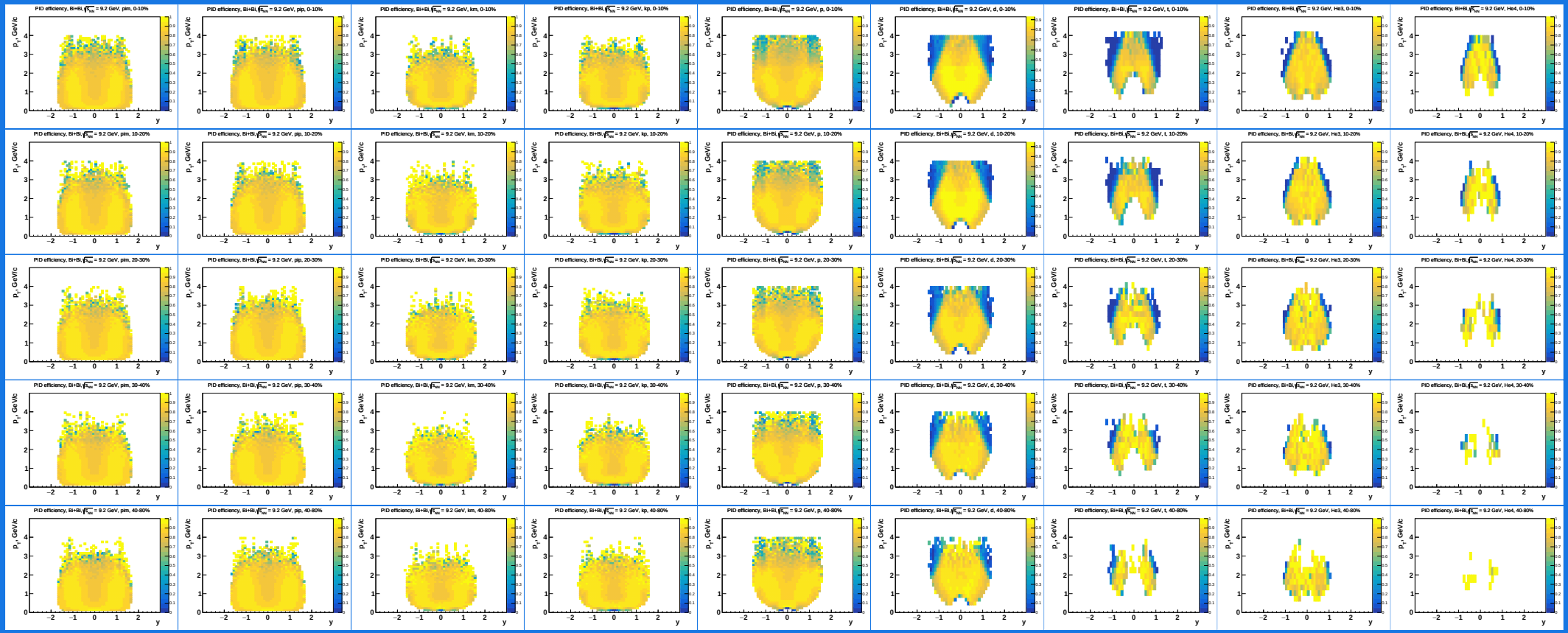
$$TPC\ efficiency = \frac{hv__eff_pdg_primary_nhits_dca}{hv__eff_pdg_primary}$$



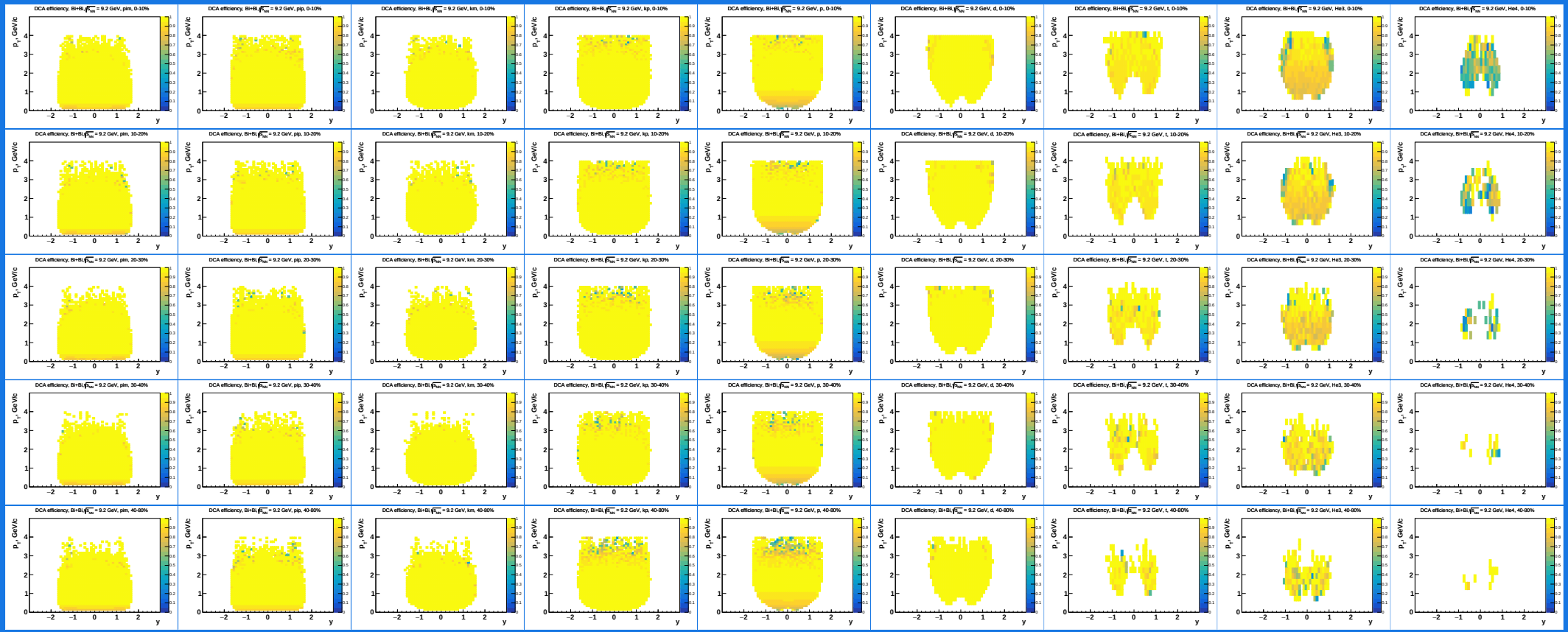
$$ToF\ efficiency = \frac{hv__eff_pdg_primary_nhits_dca_tof}{hv__eff_pdg_primary_nhits_dca}$$



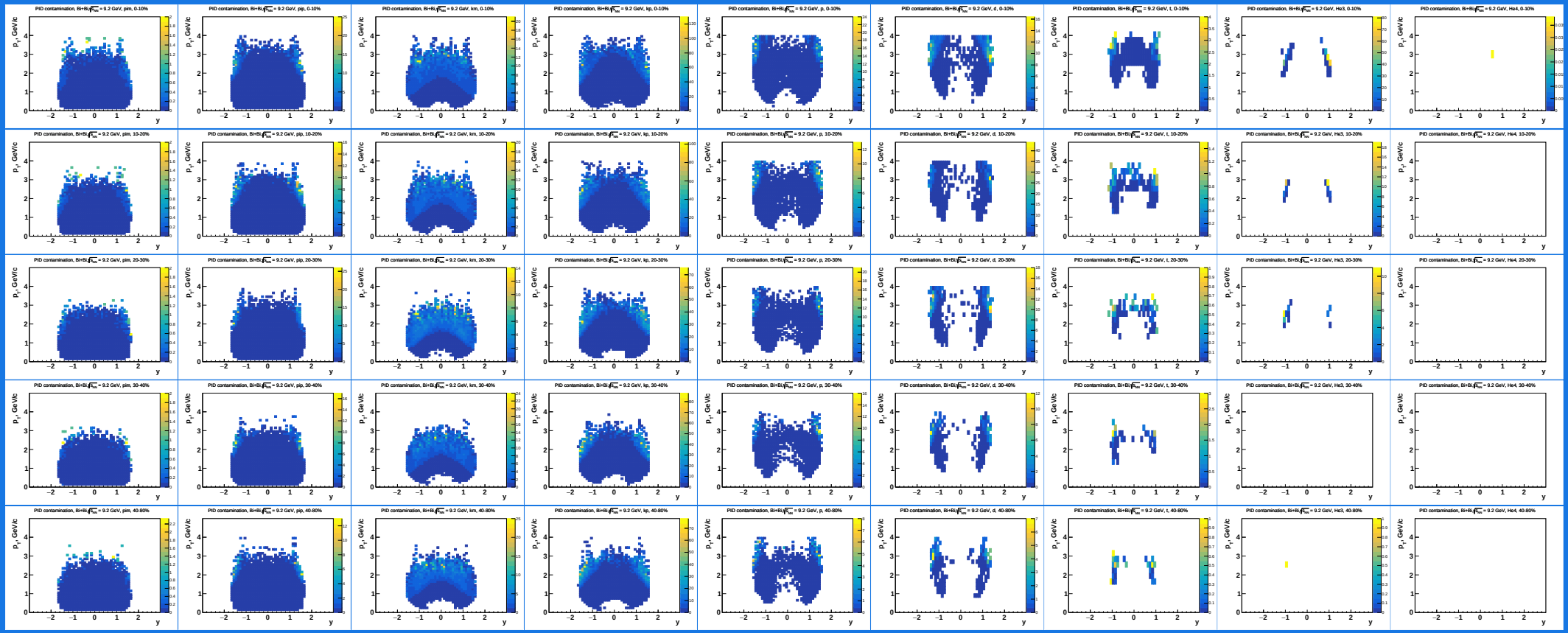
$$PID\ efficiency = \frac{hv__eff_pdg_nhits_dca_tof_pid}{hv__eff_pdg_nhits_dca_tof}$$

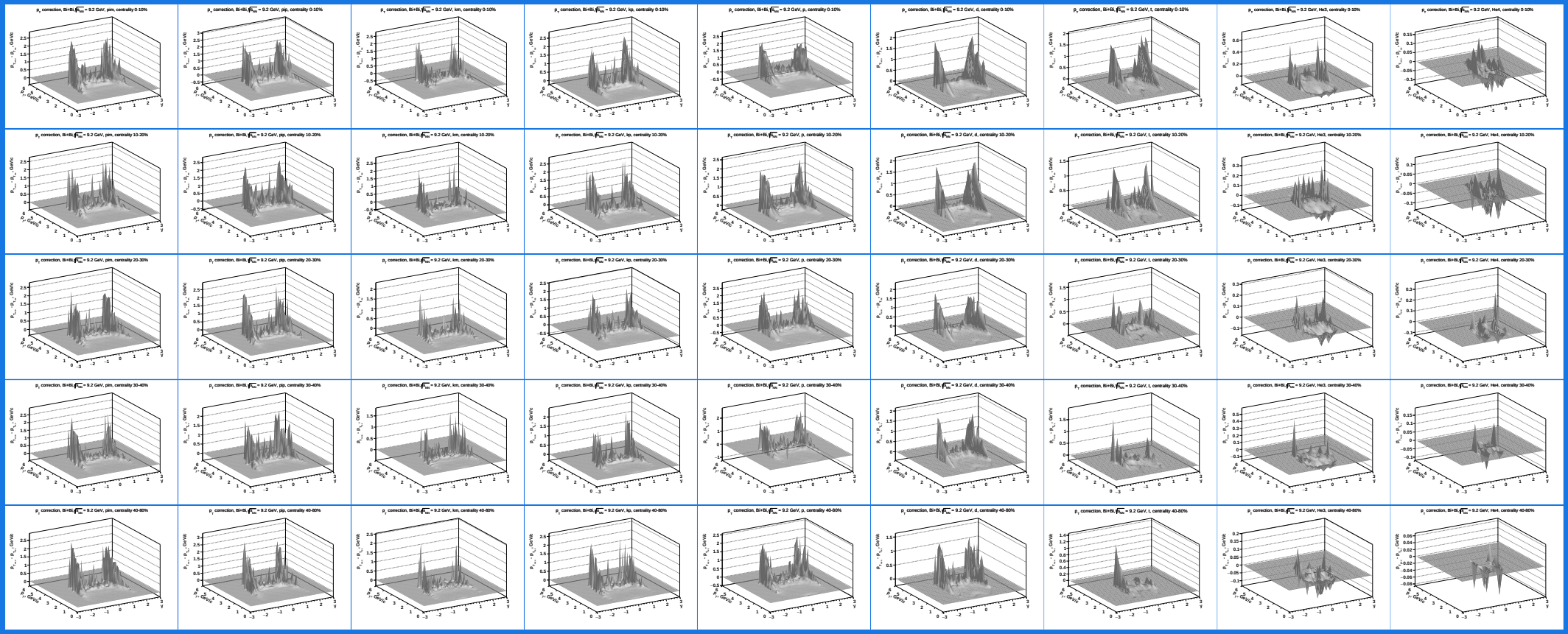


$$DCA\ efficiency = \frac{hv__eff_primary_nhits_dca_tof_pid}{hv__eff_nhits_dca_tof_pid}$$



$$PID\ contamination = \frac{hv__eff_pdg_nhits_dca_tof_wpid}{hv__eff_pdg_nhits_dca_tof_pid}$$




p_T correction, BiBeLi √s_NN = 9.2 GeV, pim, centrality 0-10%
p_T correction, BiBeLi √s_NN = 9.2 GeV, pip, centrality 0-10%
p_T correction, BiBeLi √s_NN = 9.2 GeV, km, centrality 0-10%
p_T correction, BiBeLi √s_NN = 9.2 GeV, kp, centrality 0-10%
p_T correction, BiBeLi √s_NN = 9.2 GeV, p, centrality 0-10%
p_T correction, BiBeLi √s_NN = 9.2 GeV, d, centrality 0-10%
p_T correction, BiBeLi √s_NN = 9.2 GeV, t, centrality 0-10%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He3, centrality 0-10%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He4, centrality 0-10%
p_T correction, BiBeLi √s_NN = 9.2 GeV, pim, centrality 10-20%
p_T correction, BiBeLi √s_NN = 9.2 GeV, pip, centrality 10-20%
p_T correction, BiBeLi √s_NN = 9.2 GeV, km, centrality 10-20%
p_T correction, BiBeLi √s_NN = 9.2 GeV, kp, centrality 10-20%
p_T correction, BiBeLi √s_NN = 9.2 GeV, p, centrality 10-20%
p_T correction, BiBeLi √s_NN = 9.2 GeV, d, centrality 10-20%
p_T correction, BiBeLi √s_NN = 9.2 GeV, t, centrality 10-20%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He3, centrality 10-20%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He4, centrality 10-20%
p_T correction, BiBeLi √s_NN = 9.2 GeV, pim, centrality 20-30%
p_T correction, BiBeLi √s_NN = 9.2 GeV, pip, centrality 20-30%
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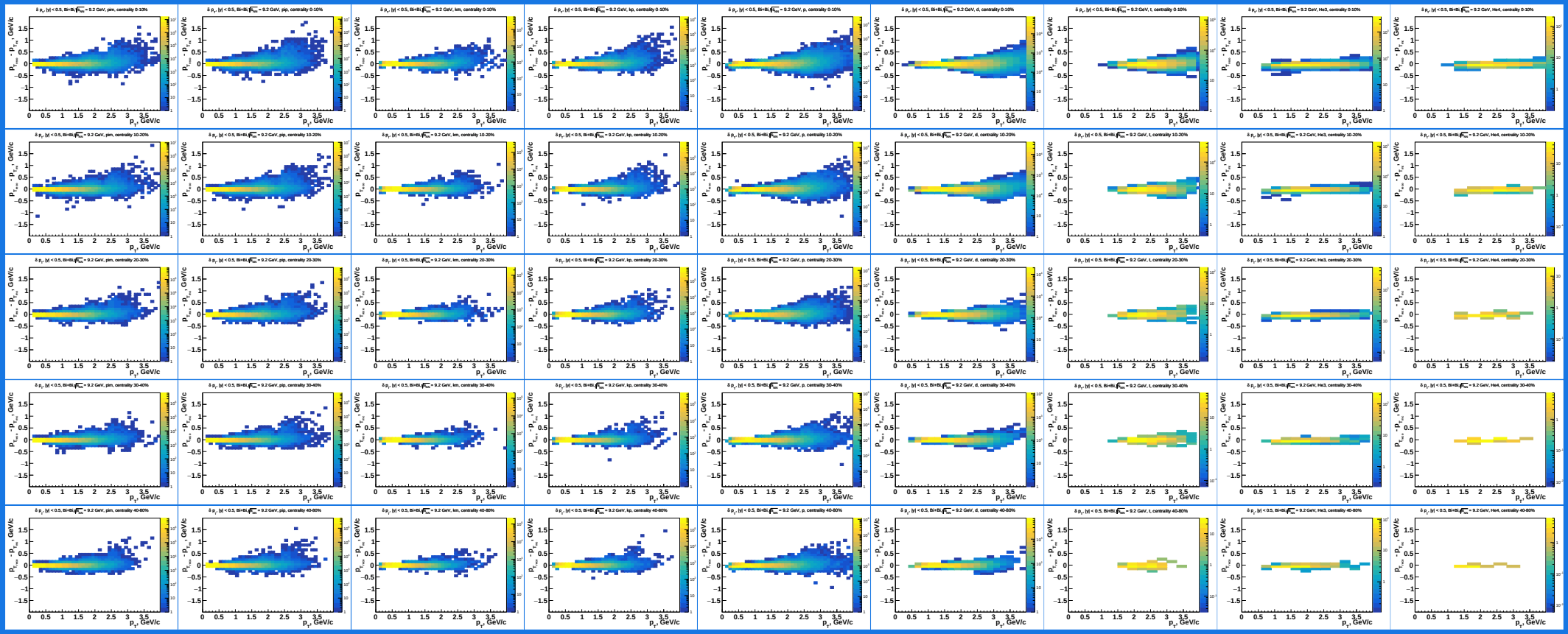
p_T correction, BiBeLi √s_NN = 9.2 GeV, p, centrality 20-30%
p_T correction, BiBeLi √s_NN = 9.2 GeV, d, centrality 20-30%
p_T correction, BiBeLi √s_NN = 9.2 GeV, t, centrality 20-30%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He3, centrality 20-30%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He4, centrality 20-30%
p_T correction, BiBeLi √s_NN = 9.2 GeV, pim, centrality 30-40%
p_T correction, BiBeLi √s_NN = 9.2 GeV, pip, centrality 30-40%
p_T correction, BiBeLi √s_NN = 9.2 GeV, km, centrality 30-40%
p_T correction, BiBeLi √s_NN = 9.2 GeV, kp, centrality 30-40%
p_T correction, BiBeLi √s_NN = 9.2 GeV, p, centrality 30-40%
p_T correction, BiBeLi √s_NN = 9.2 GeV, d, centrality 30-40%
p_T correction, BiBeLi √s_NN = 9.2 GeV, t, centrality 30-40%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He3, centrality 30-40%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He4, centrality 30-40%
p_T correction, BiBeLi √s_NN = 9.2 GeV, pim, centrality 40-80%
p_T correction, BiBeLi √s_NN = 9.2 GeV, pip, centrality 40-80%
p_T correction, BiBeLi √s_NN = 9.2 GeV, km, centrality 40-80%
p_T correction, BiBeLi √s_NN = 9.2 GeV, kp, centrality 40-80%
p_T correction, BiBeLi √s_NN = 9.2 GeV, p, centrality 40-80%
p_T correction, BiBeLi √s_NN = 9.2 GeV, d, centrality 40-80%
p_T correction, BiBeLi √s_NN = 9.2 GeV, t, centrality 40-80%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He3, centrality 40-80%
p_T correction, BiBeLi √s_NN = 9.2 GeV, He4, centrality 40-80%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δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, pip, centrality 0-10%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, km, centrality 0-10%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, kp, centrality 0-10%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, p, centrality 0-10%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, d, centrality 0-10%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, t, centrality 0-10%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, He3, centrality 0-10%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, He4, centrality 0-10%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, pim, centrality 10-20%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, pip, centrality 10-20%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, km, centrality 10-20%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, kp, centrality 10-20%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, p, centrality 10-20%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, d, centrality 10-20%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, t, centrality 10-20%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, He3, centrality 10-20%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, He4, centrality 10-20%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, pim, centrality 20-30%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, pip, centrality 20-30%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, km, centrality 20-30%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, kp, centrality 20-30%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, p, centrality 20-30%
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δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, He3, centrality 20-30%
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δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, pip, centrality 30-40%
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δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, He4, centrality 30-40%
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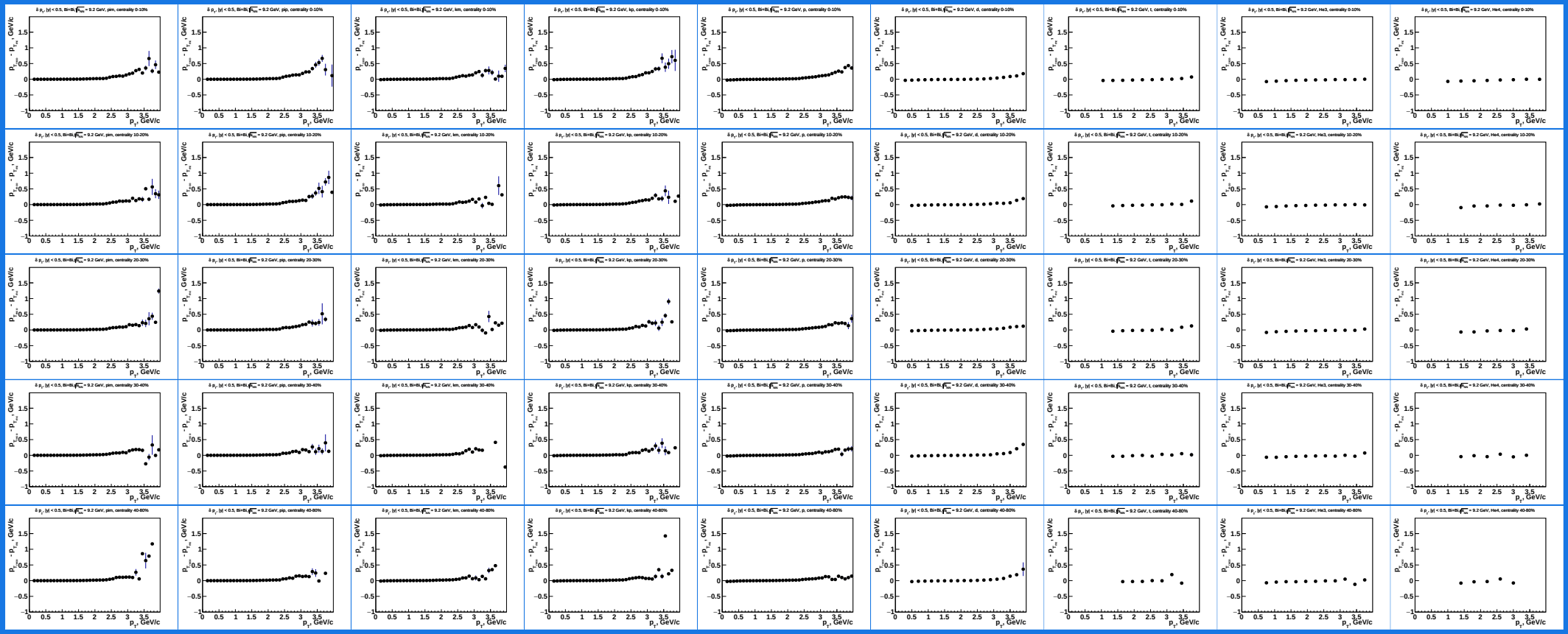
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, t, centrality 40-80%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, He3, centrality 40-80%
δ p_T, |y| < 0.5, BiBiBL √s_NN = 9.2 GeV, He4, centrality 40-80%
p_T, GeV/c
p_T,rec - p_T,sim, GeV/c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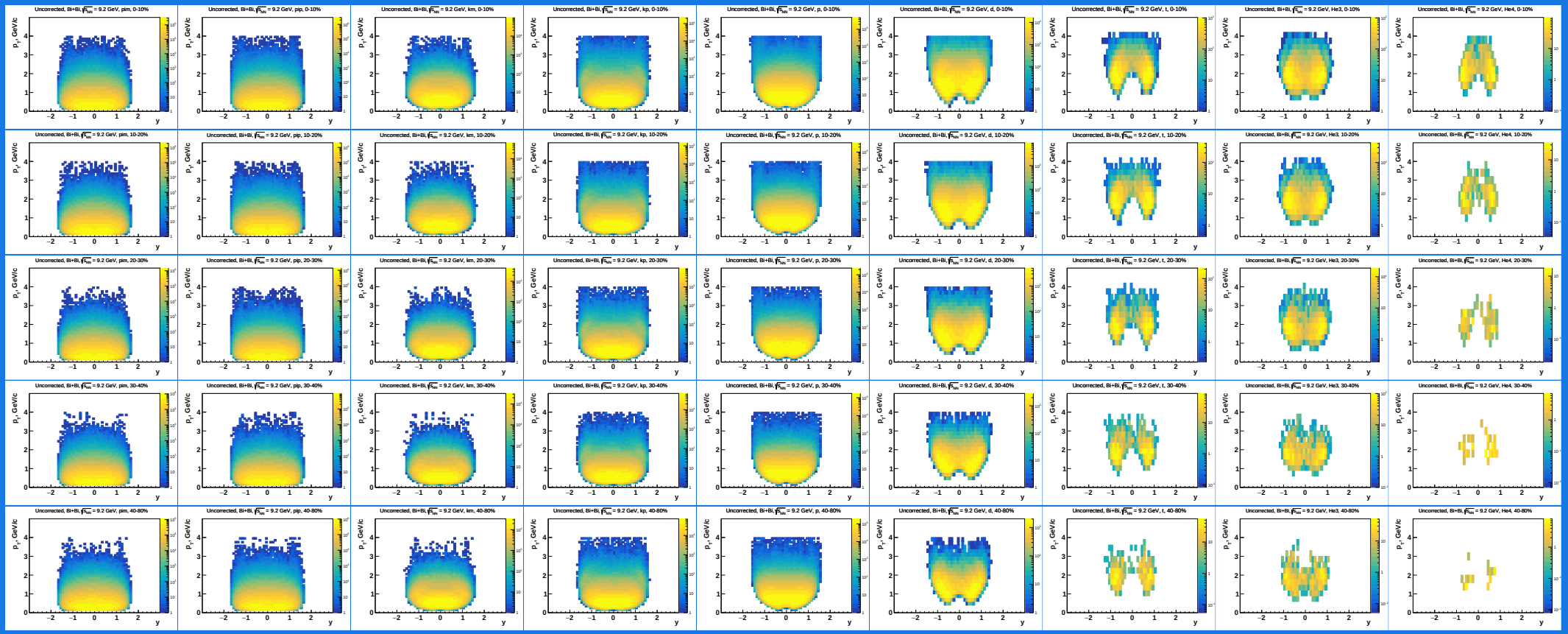
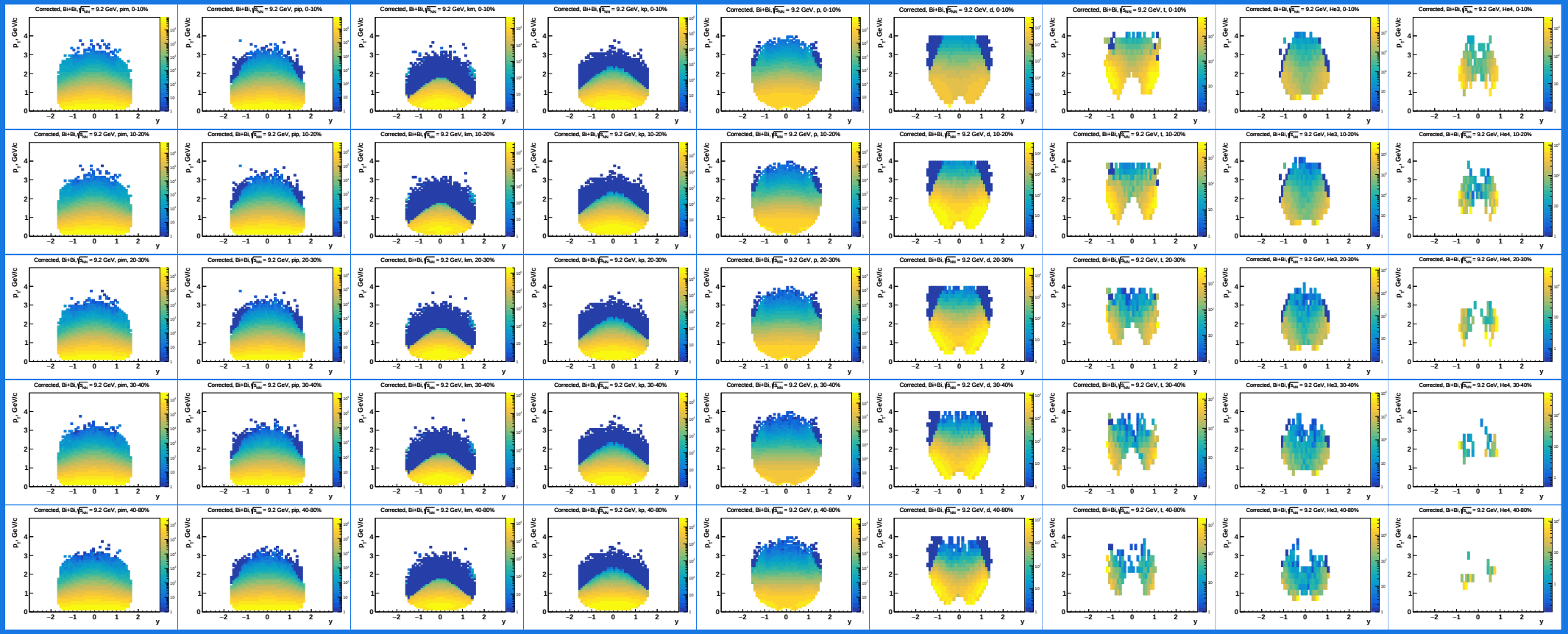
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, pip, centrality 0-10%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, km, centrality 0-10%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, kp, centrality 0-10%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, p, centrality 0-10%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, d, centrality 0-10%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, t, centrality 0-10%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He3, centrality 0-10%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He4, centrality 0-10%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, pim, centrality 10-20%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, pip, centrality 10-20%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, km, centrality 10-20%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, kp, centrality 10-20%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, p, centrality 10-20%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, d, centrality 10-20%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, t, centrality 10-20%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He3, centrality 10-20%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He4, centrality 10-20%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, pim, centrality 20-30%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, pip, centrality 20-30%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, km, centrality 20-30%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, kp, centrality 20-30%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, p, centrality 20-30%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, d, centrality 20-30%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, t, centrality 20-30%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He3, centrality 20-30%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He4, centrality 20-30%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, pim, centrality 30-40%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, pip, centrality 30-40%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, km, centrality 30-40%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, kp, centrality 30-40%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, p, centrality 30-40%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, d, centrality 30-40%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, t, centrality 30-40%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He3, centrality 30-40%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He4, centrality 30-40%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, pim, centrality 40-80%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, pip, centrality 40-80%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, km, centrality 40-80%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, kp, centrality 40-80%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, p, centrality 40-80%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, d, centrality 40-80%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, t, centrality 40-80%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He3, centrality 40-80%
δ p_T |y| < 0.5, BiBi √s_NN = 9.2 GeV, He4, centrality 40-80%
p_T, GeV/c
GeV/c

Uncorrected results



Corrected results

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