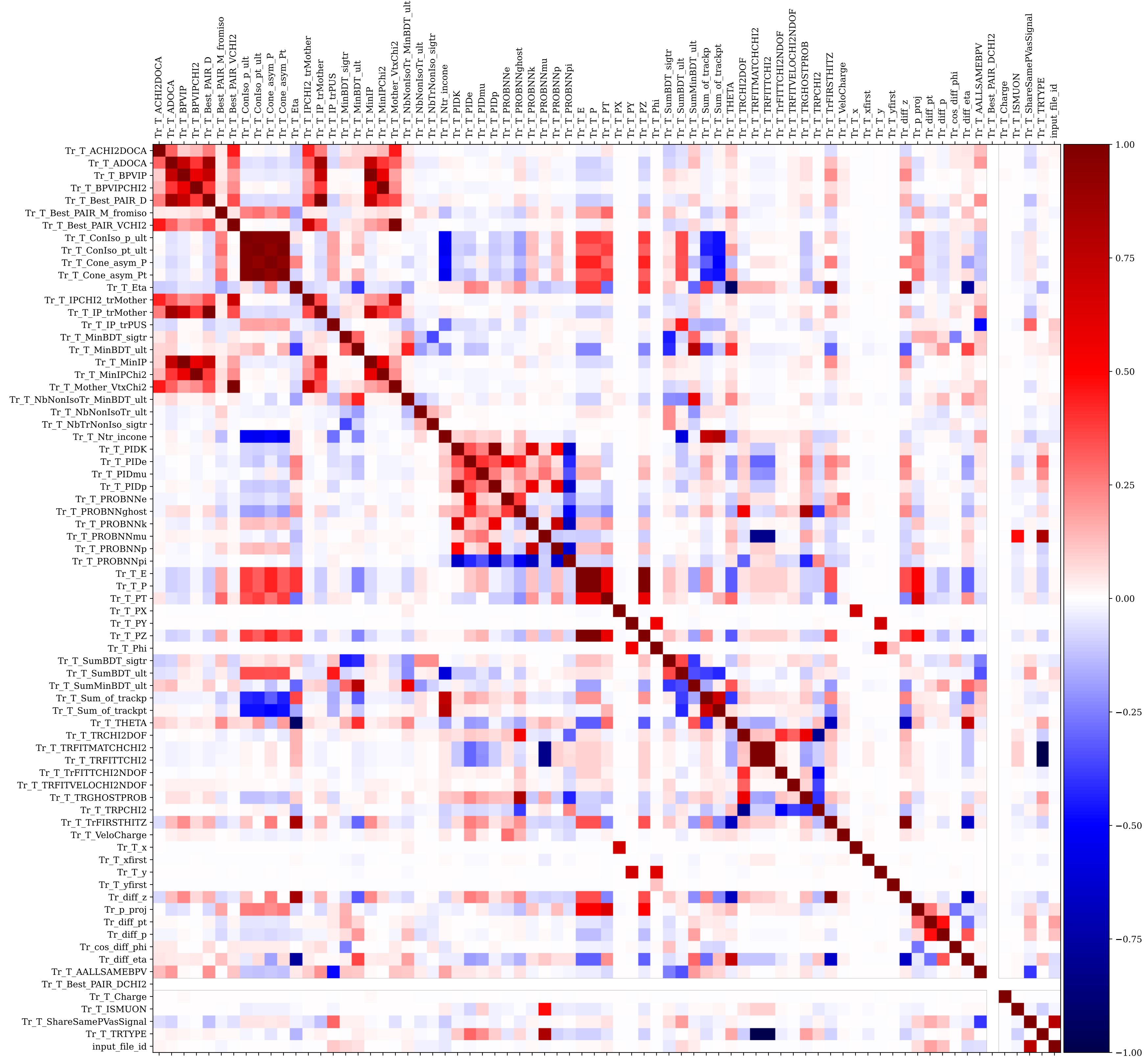
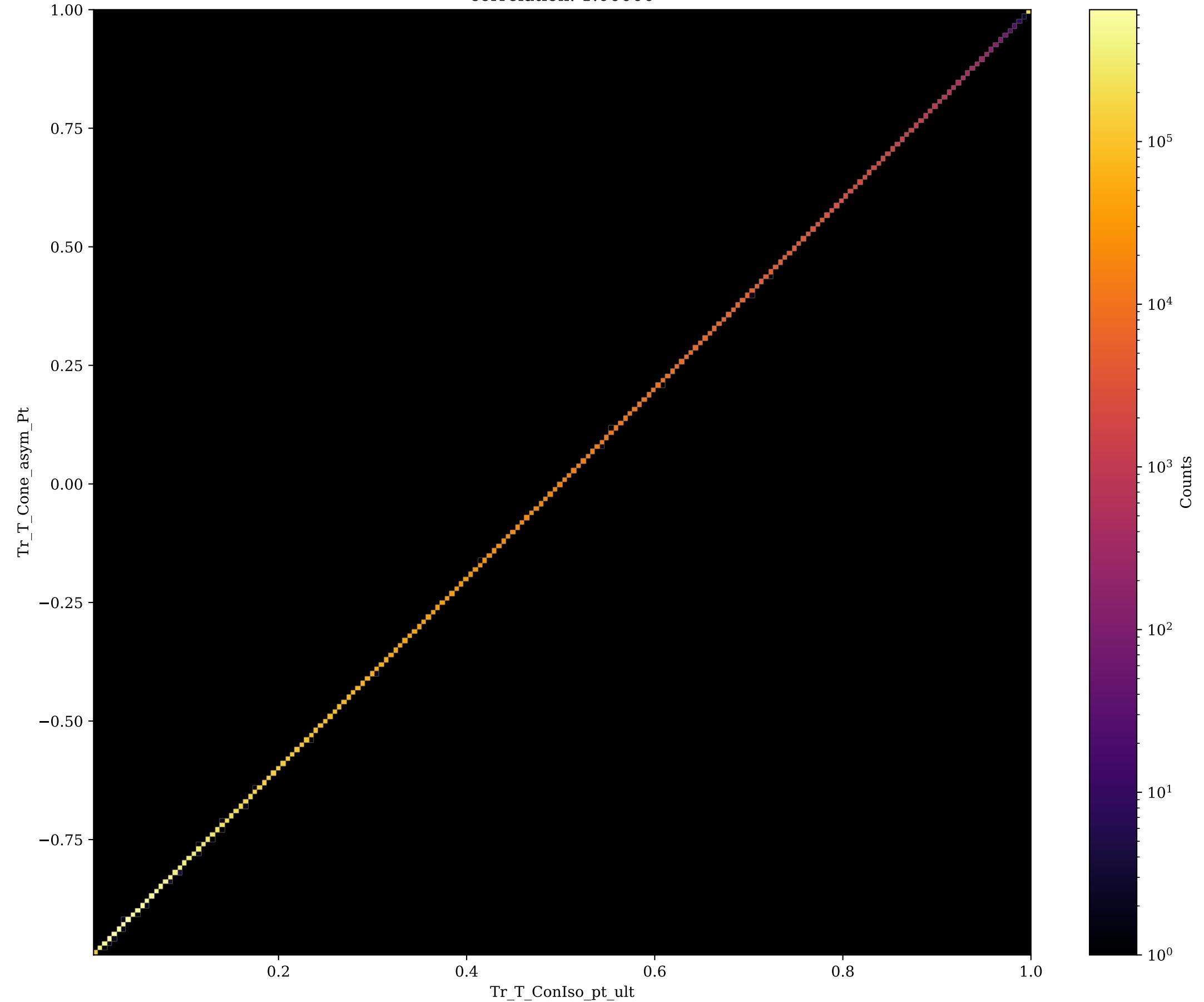


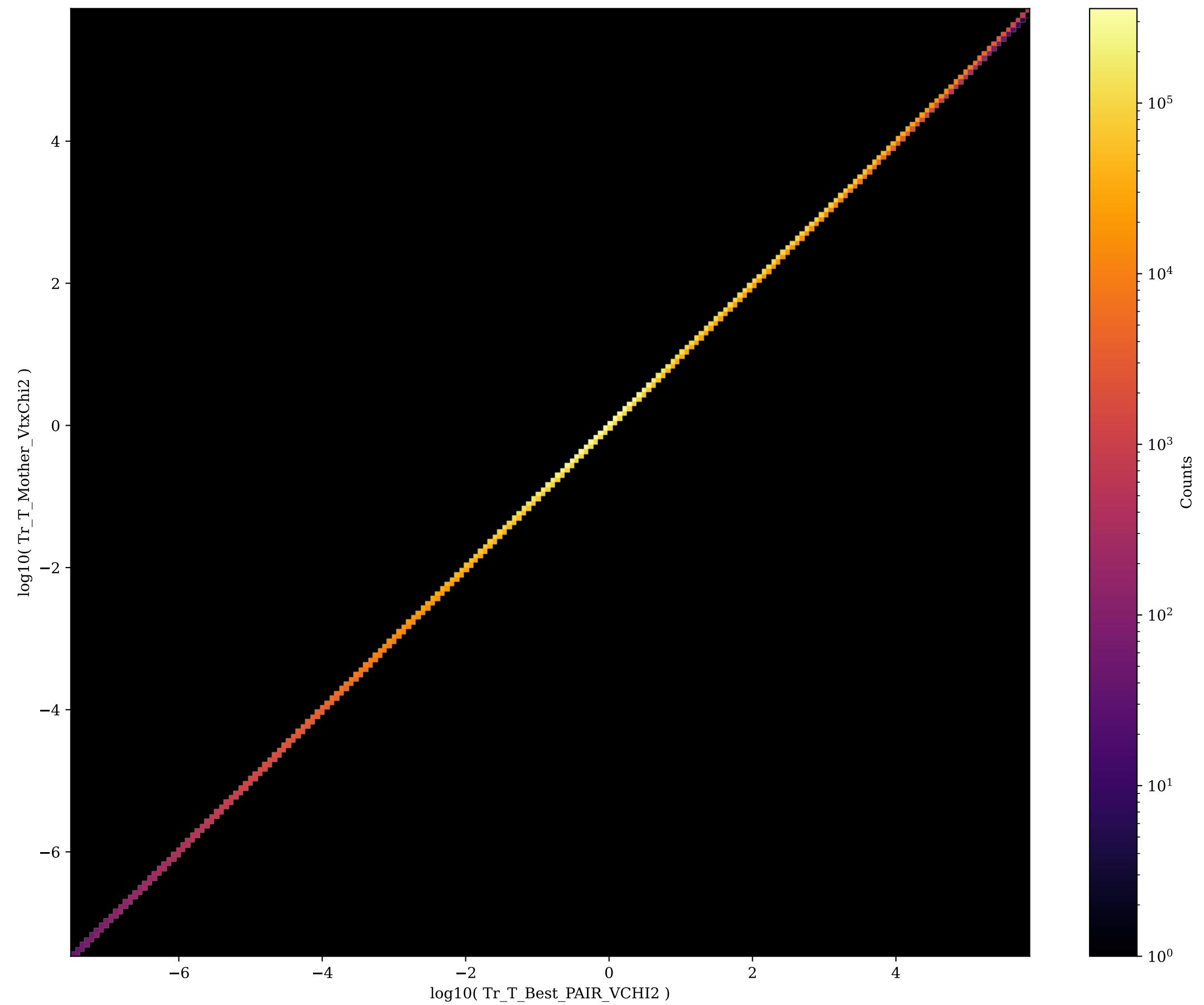
Feature Correlation
Evaluated with cuts at quantiles 0.0001-0.9999
Tracks: 17871773 / 18024793



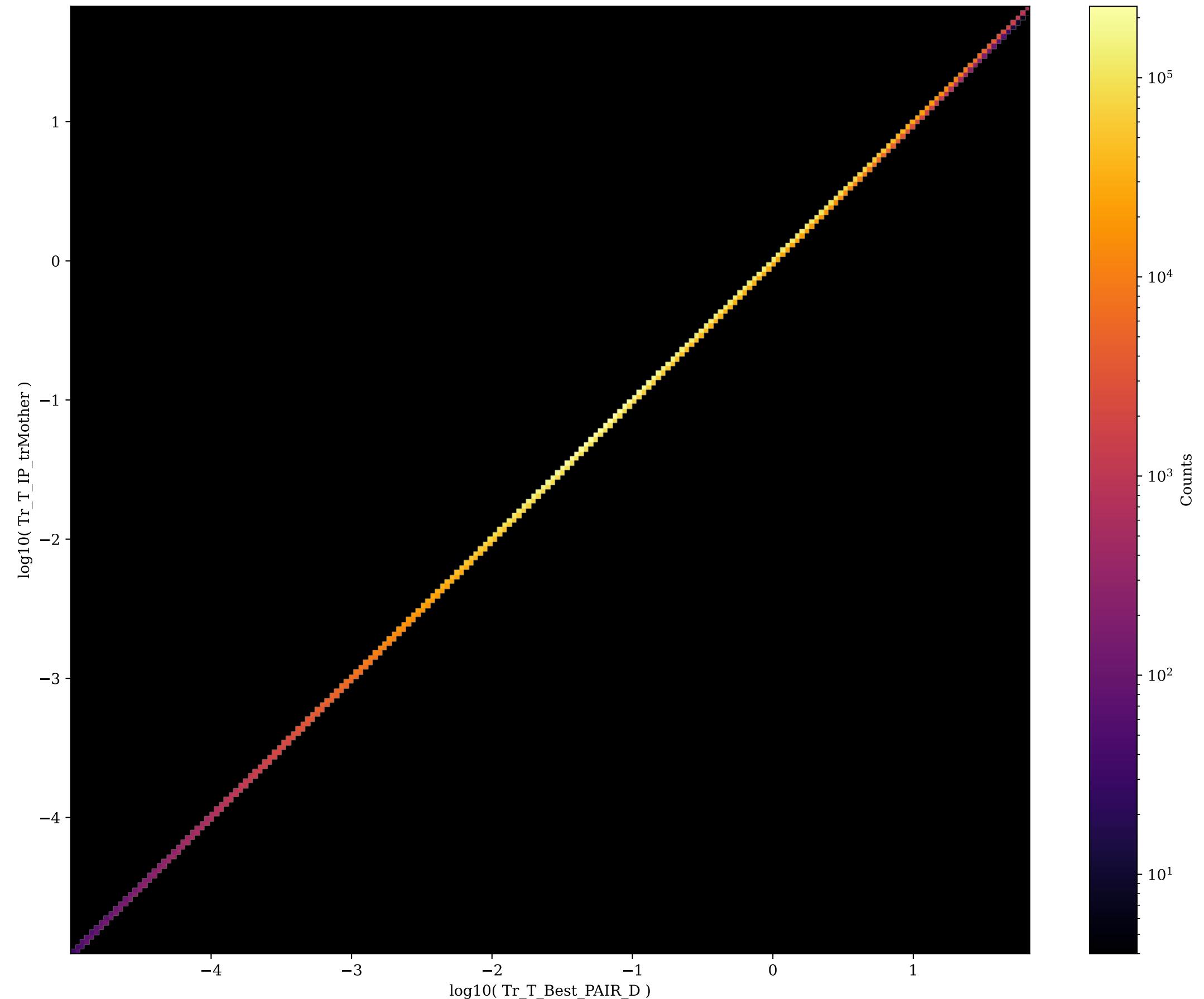
Hist2d Plot ('Tr_T_ConIso_pt_ult' vs 'Tr_T_Cone_asym_Pt')
correlation: 1.00000



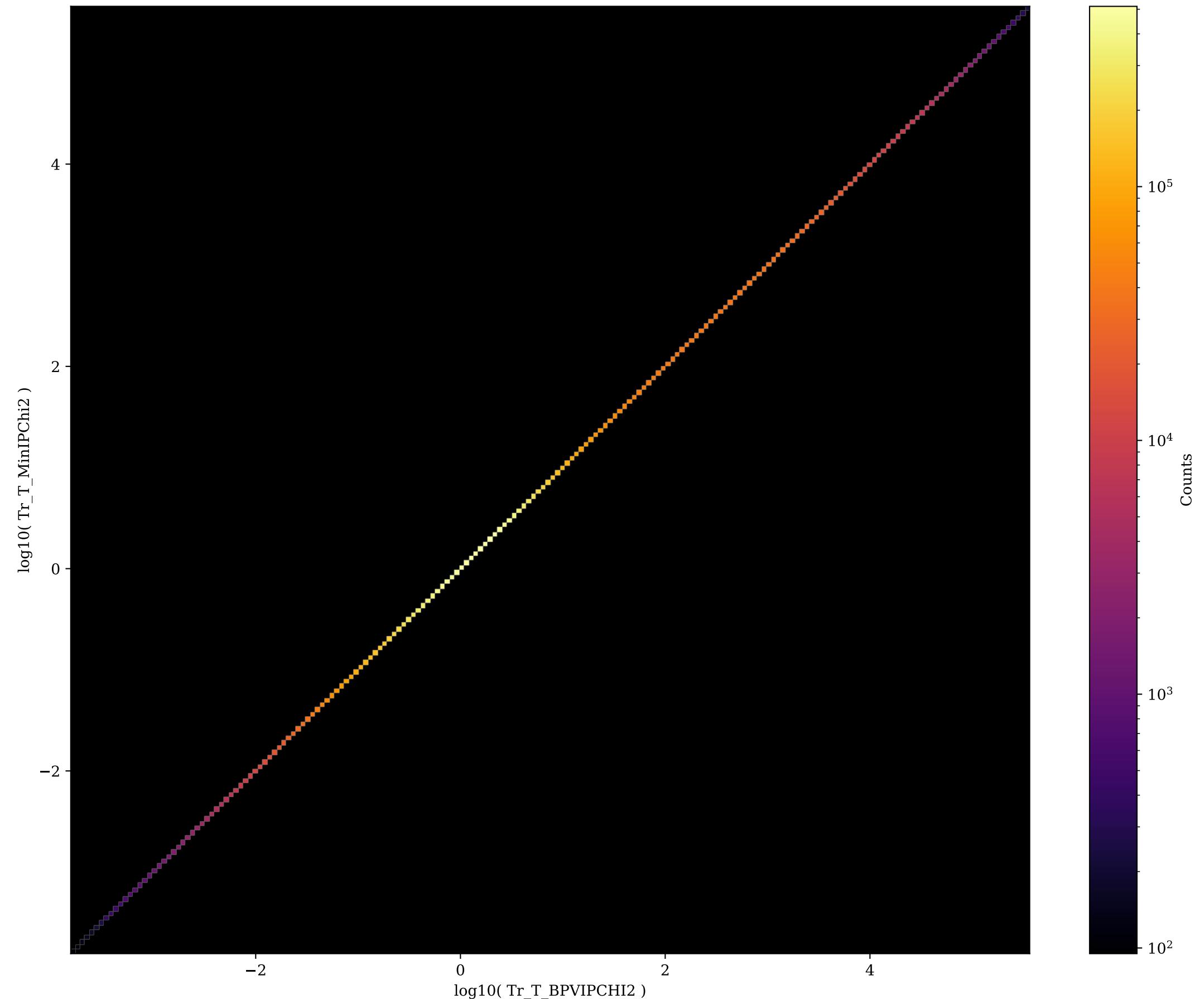
Hist2d Plot ('Tr_T_Best_PAIR_VCHI2' vs 'Tr_T_Mother_VtxChi2')
correlation: 1.00000



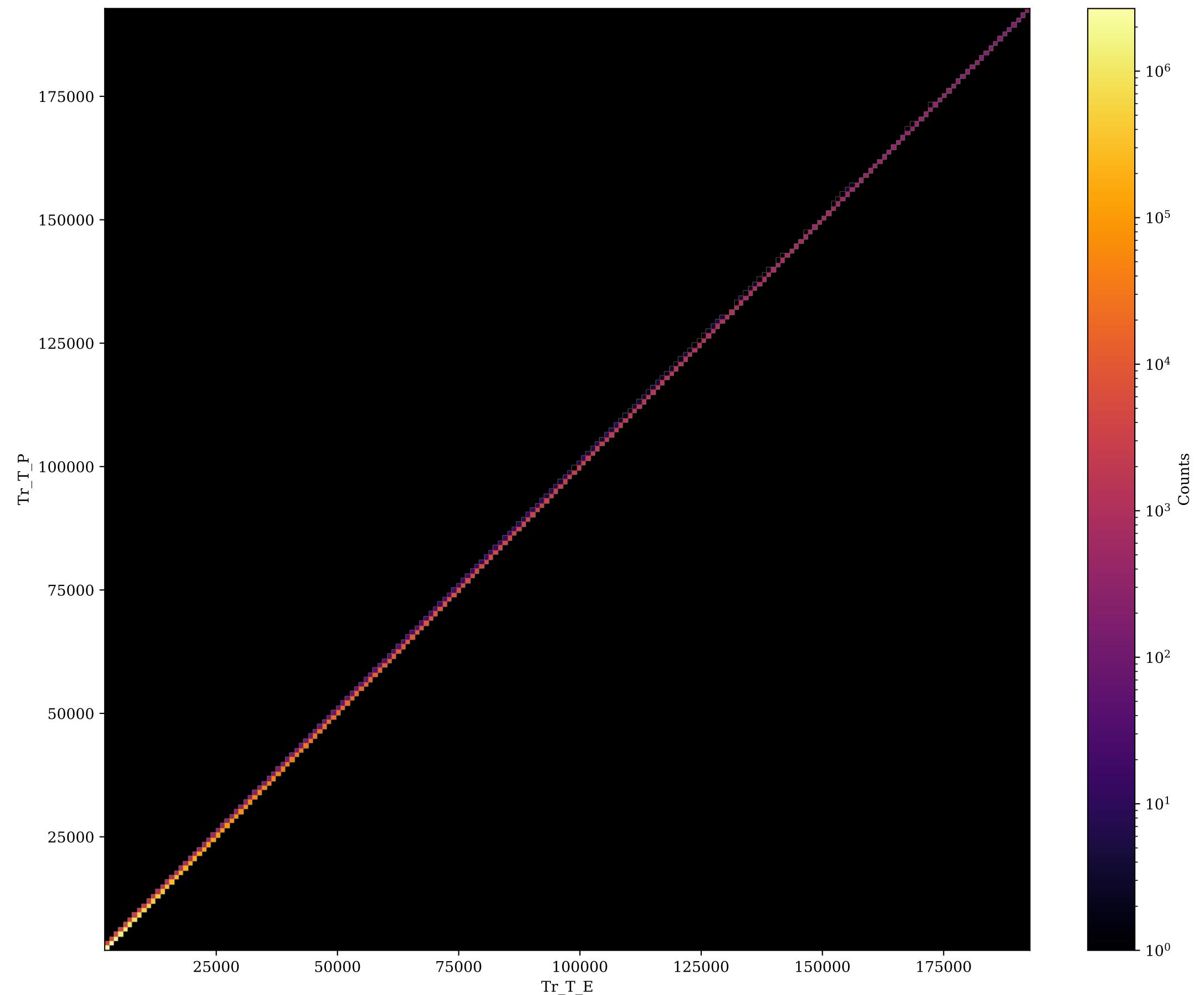
Hist2d Plot ('Tr_T_Best_PAIR_D' vs 'Tr_T_IP_trMother')
correlation: 1.00000



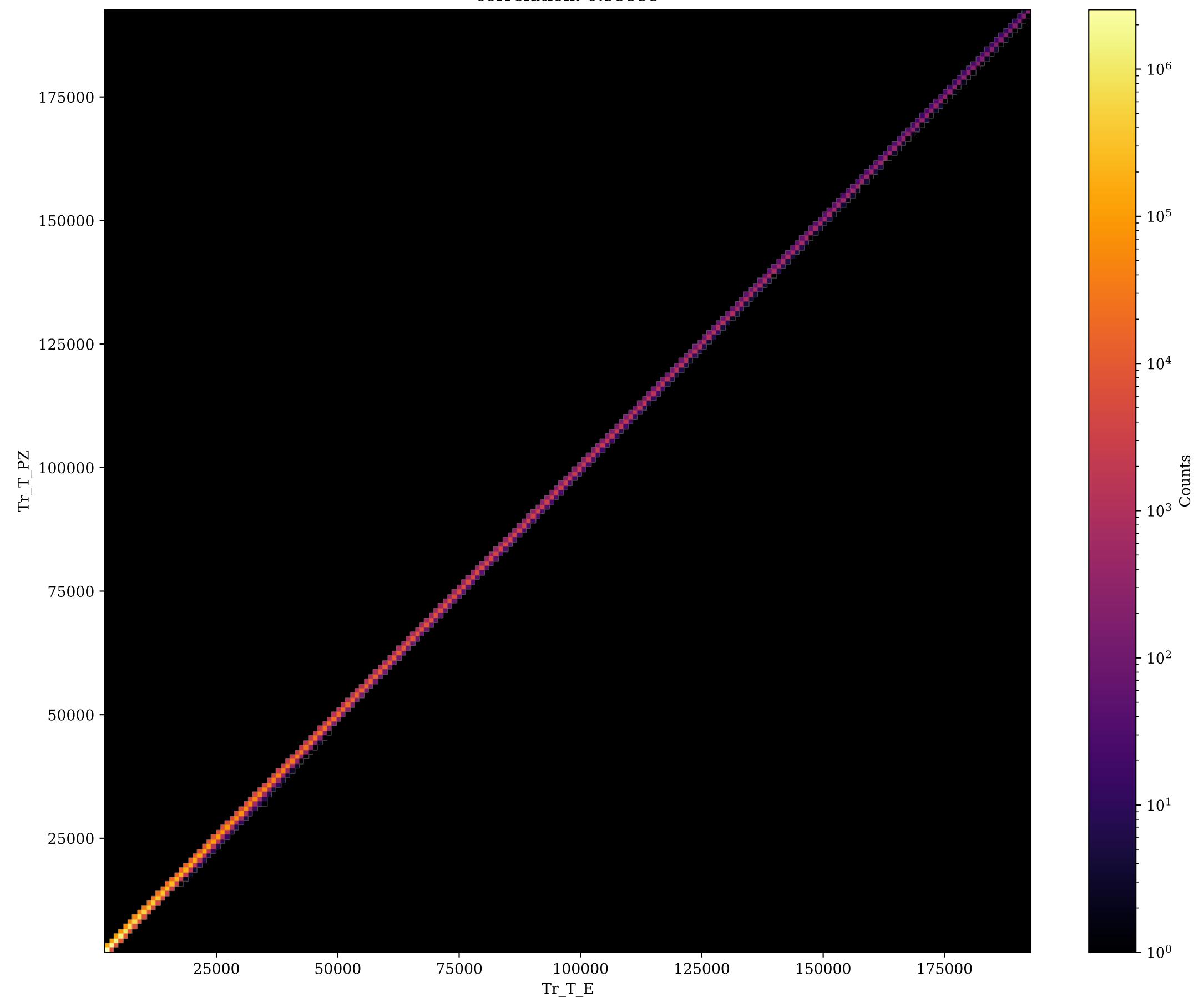
Hist2d Plot ('Tr_T_BPVIPCHI2' vs 'Tr_T_MinIPChi2')
correlation: 1.00000



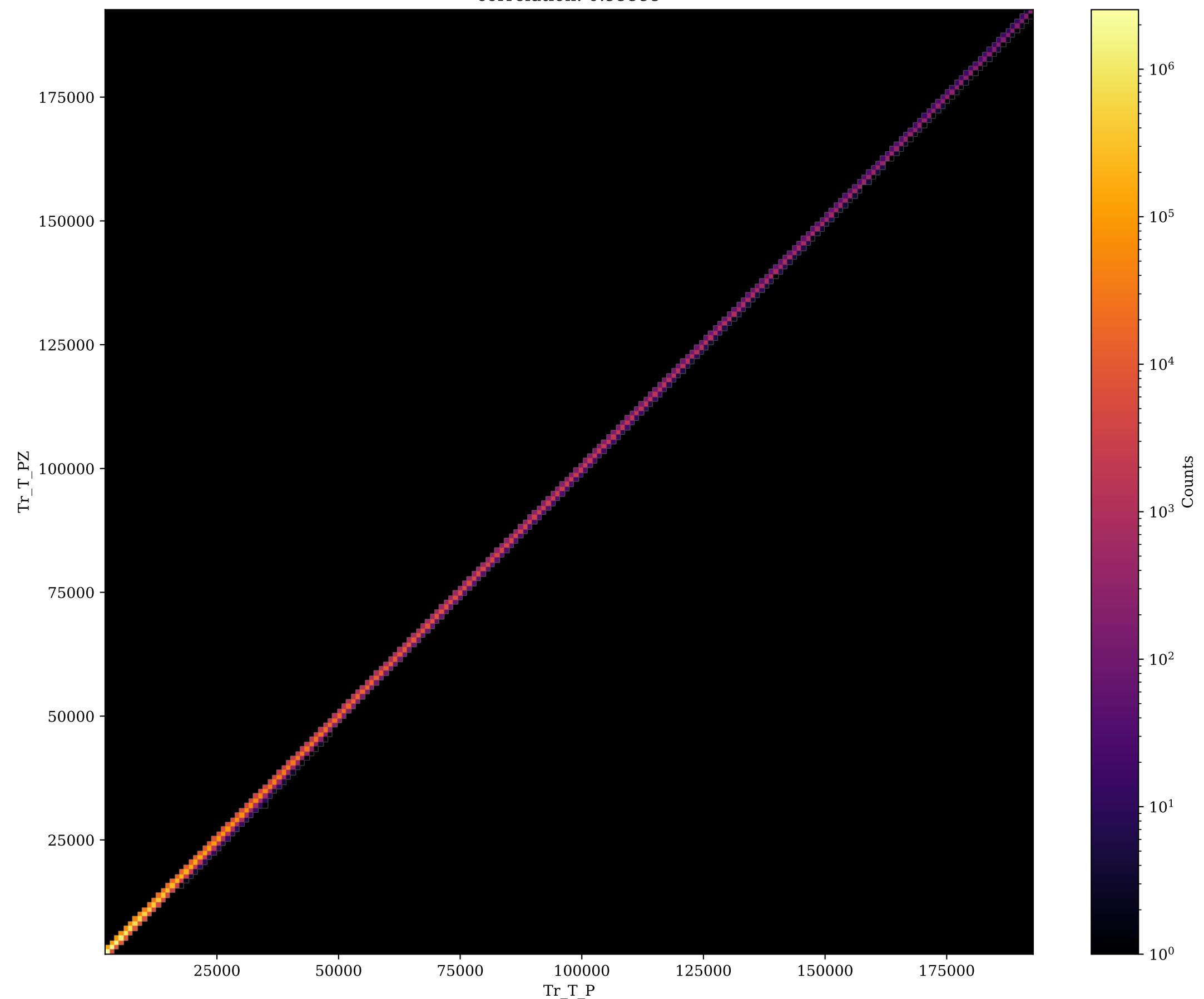
Hist2d Plot ('Tr_T_E' vs 'Tr_T_P')
correlation: 1.00000



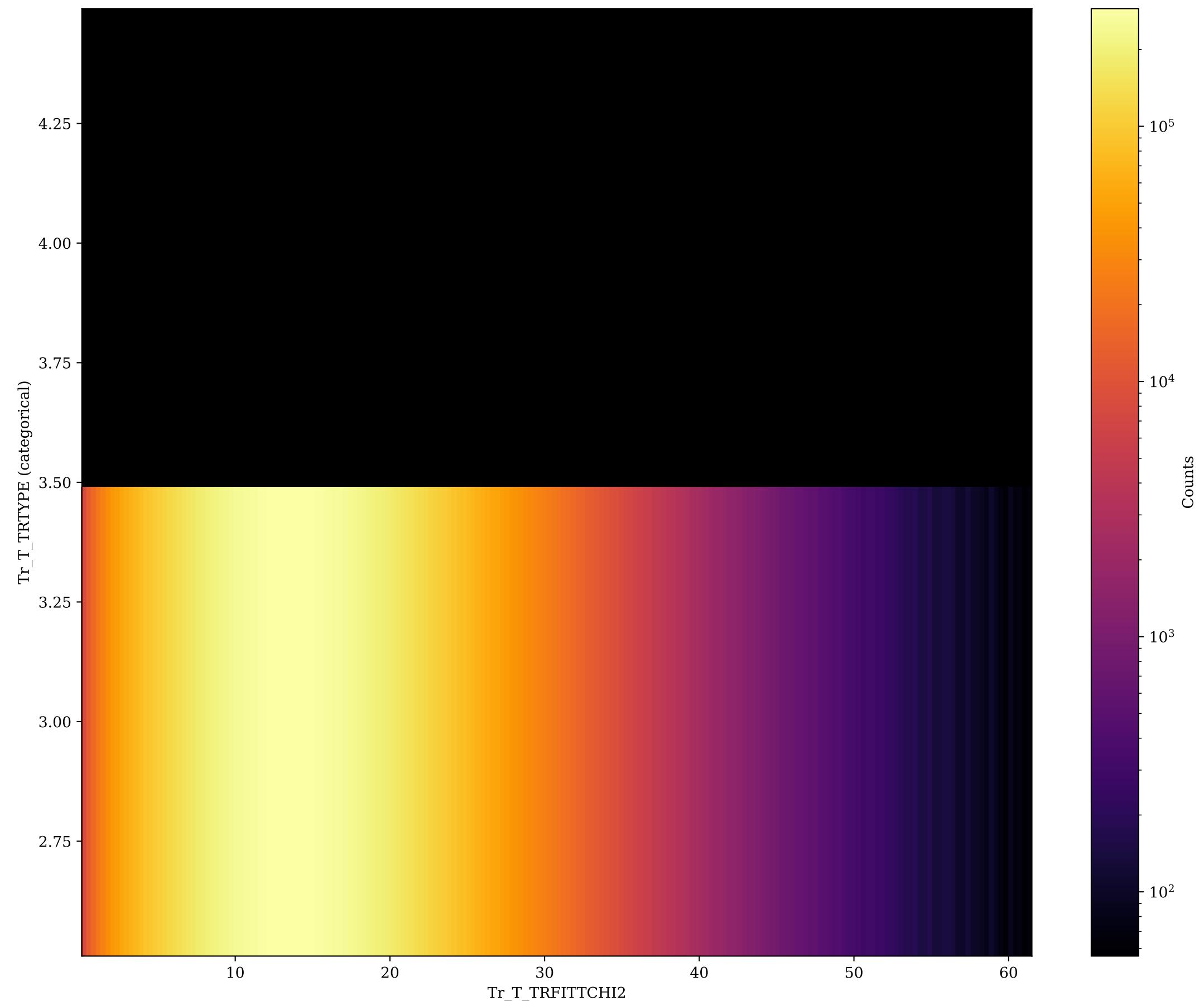
Hist2d Plot ('Tr_T_E' vs 'Tr_T_PZ')
correlation: 0.99999



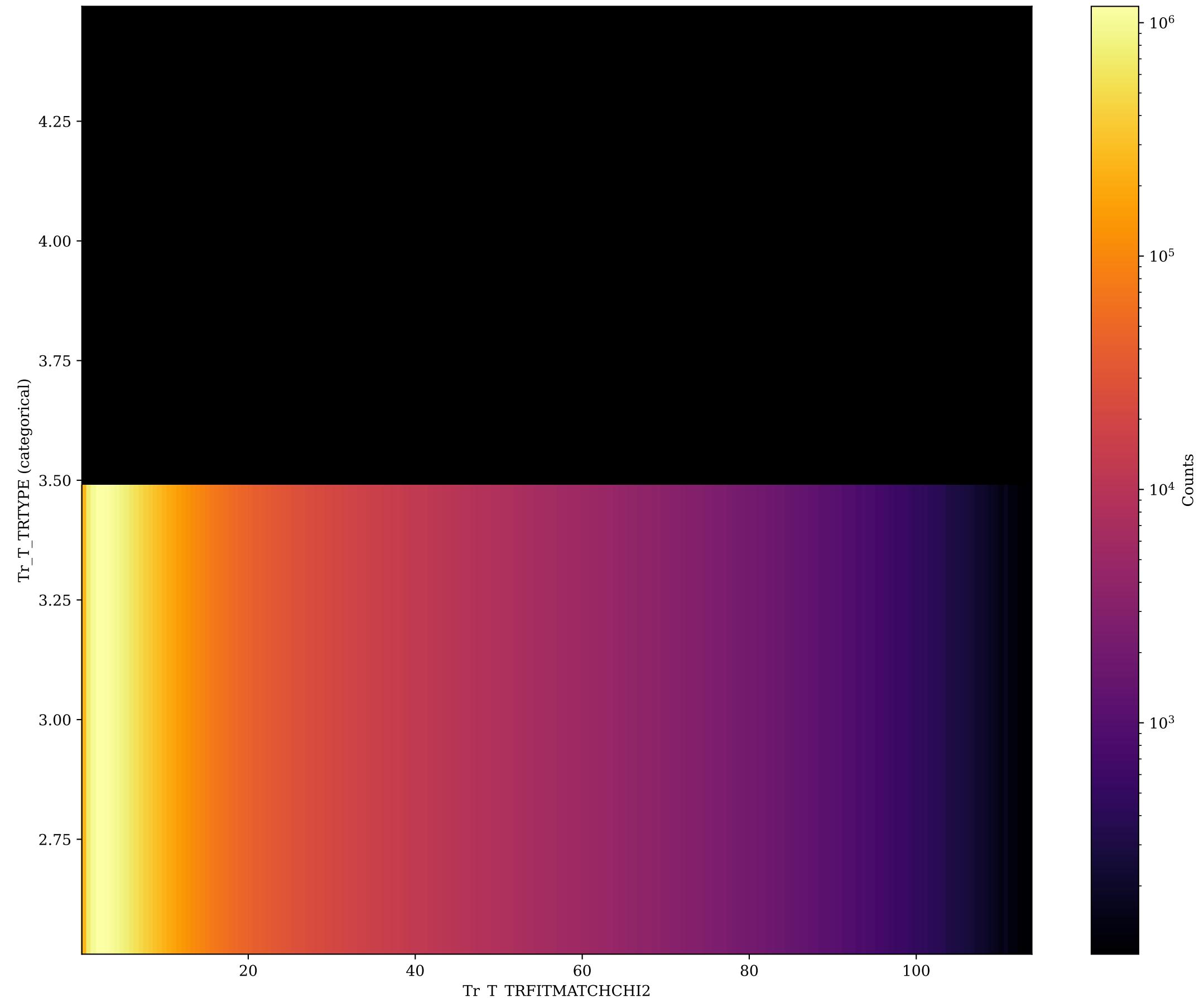
Hist2d Plot ('Tr_T_P' vs 'Tr_T_PZ')
correlation: 0.99999



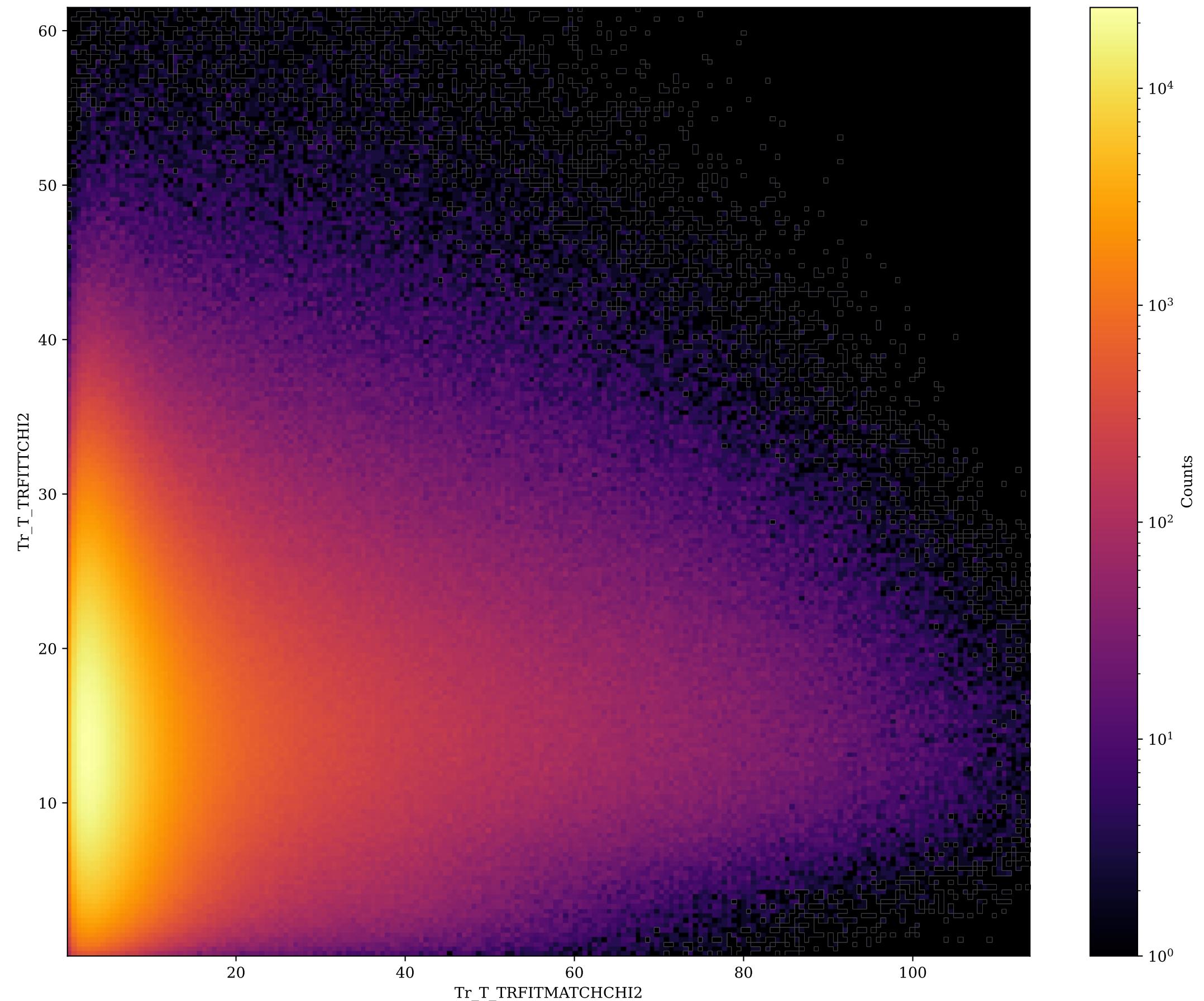
Hist2d Plot ('Tr_T_TRFITTCHI2' vs 'Tr_T_TRTYPE')
correlation: -0.99986



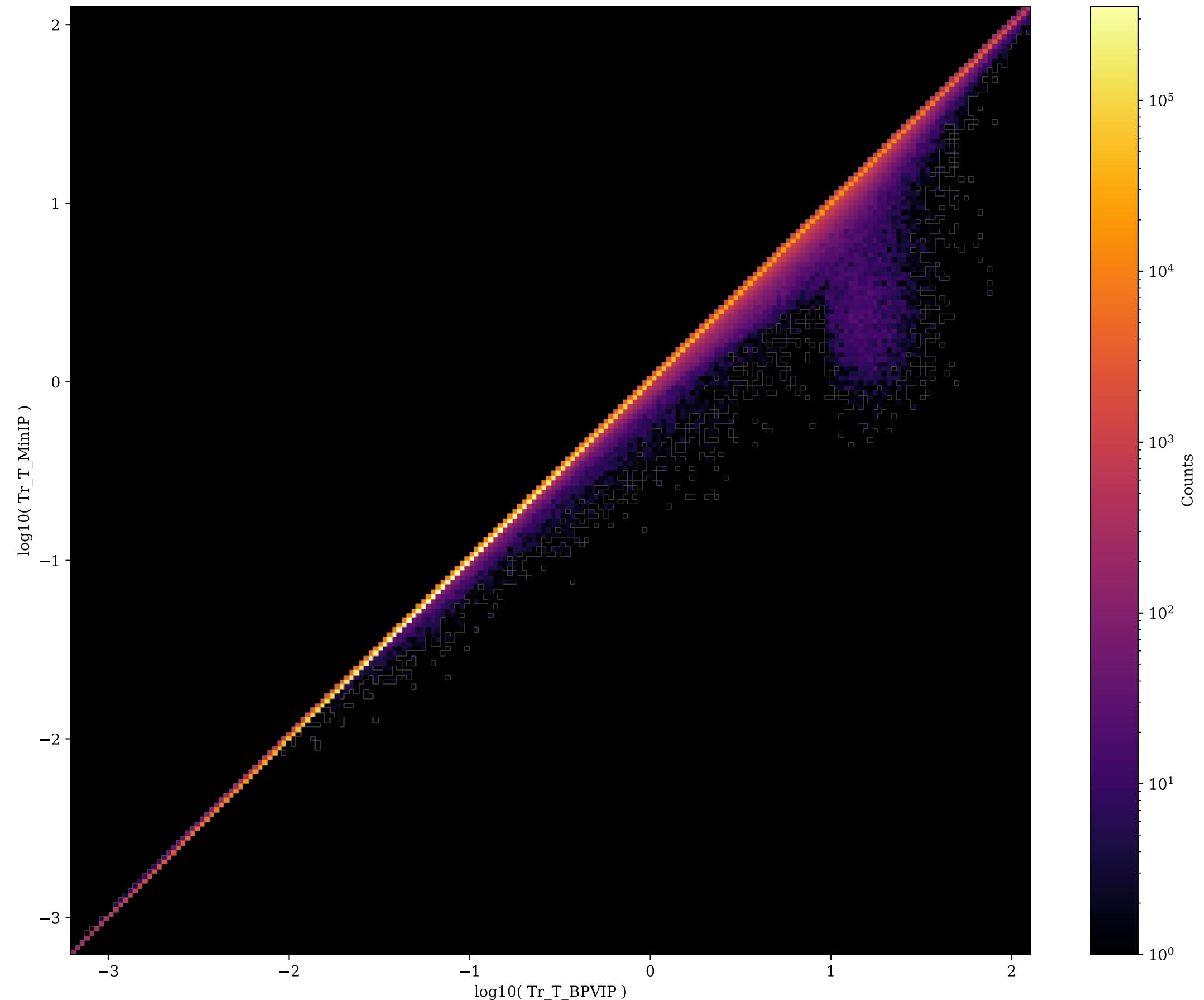
Hist2d Plot ('Tr_T_TRFITMATCHCHI2' vs 'Tr_T_TRTYPE')
correlation: -0.99959



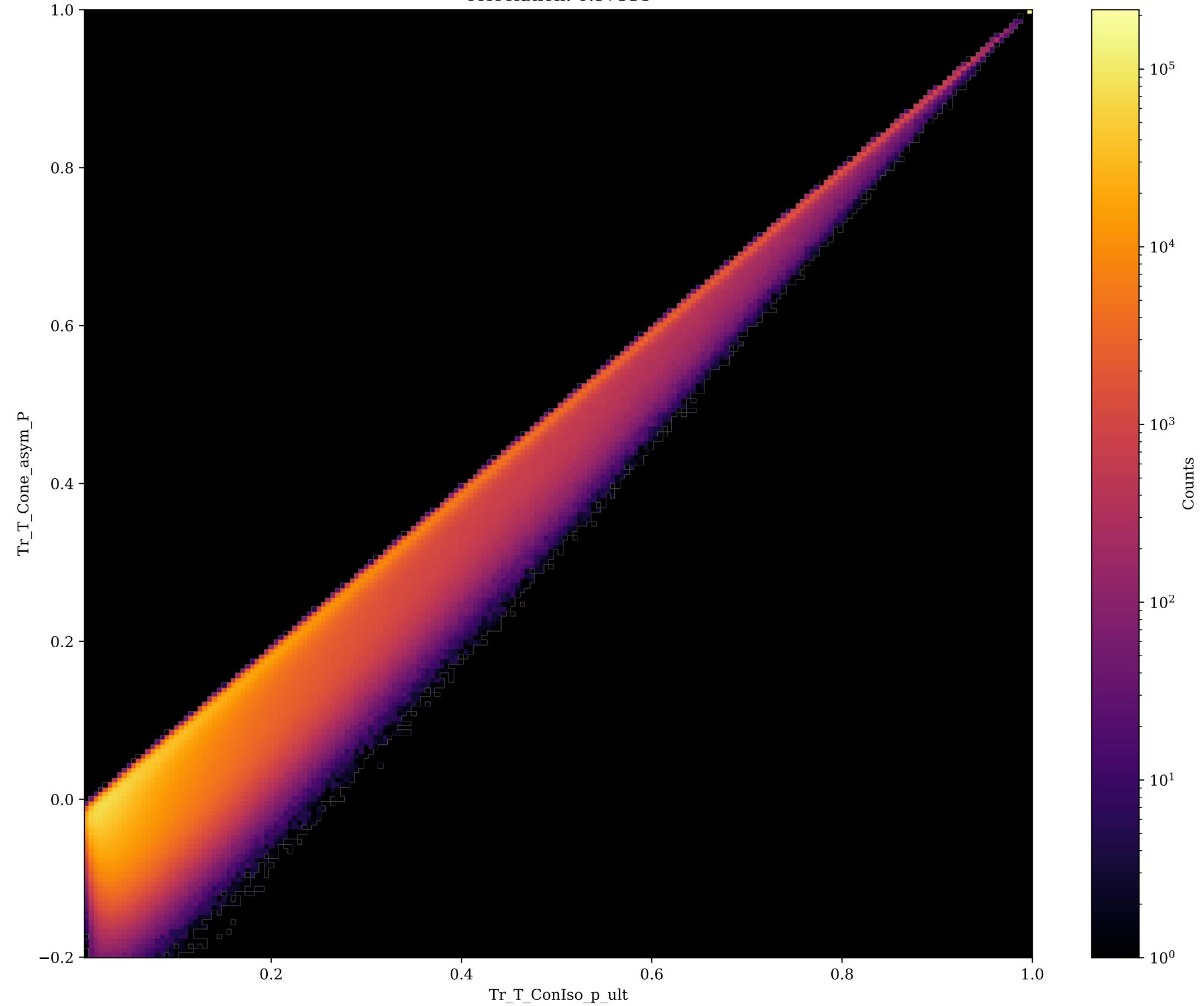
Hist2d Plot ('Tr_T_TRFITMATCHCHI2' vs 'Tr_T_TRFITTCHI2')
correlation: 0.99948



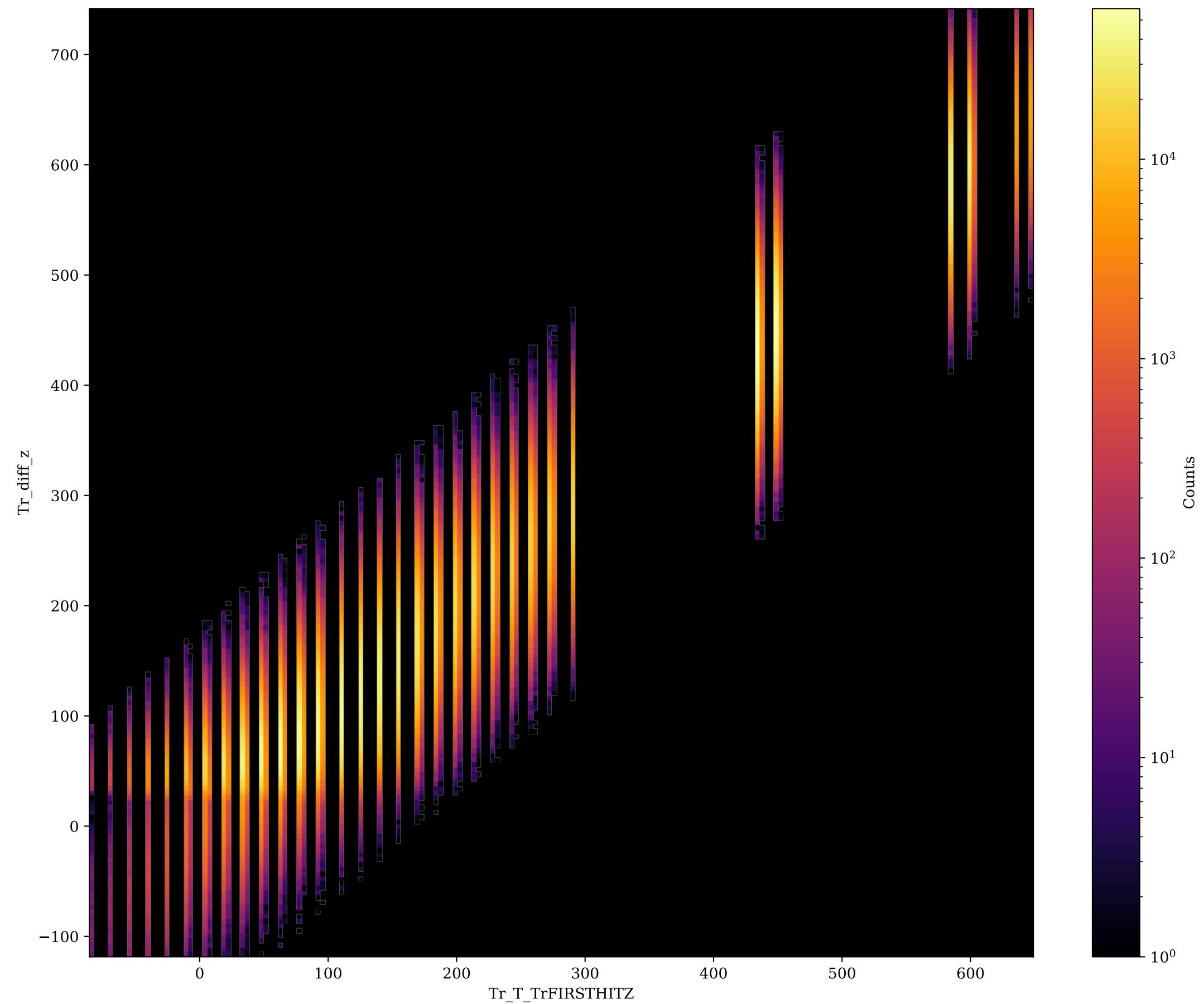
Hist2d Plot ('Tr_T_BPVIP' vs 'Tr_T_MinIP')
correlation: 0.99785



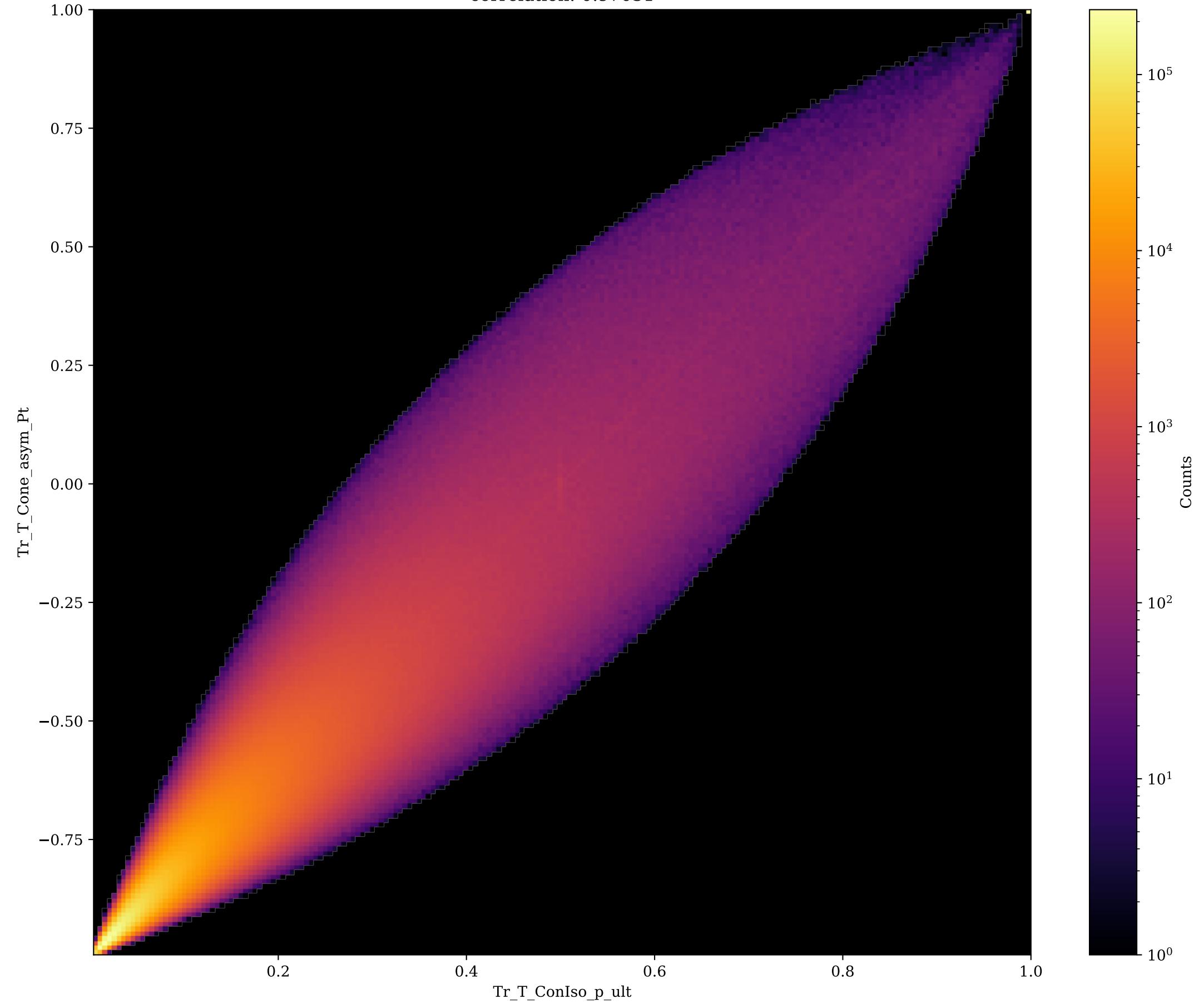
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_Cone_asym_P')
correlation: 0.97538



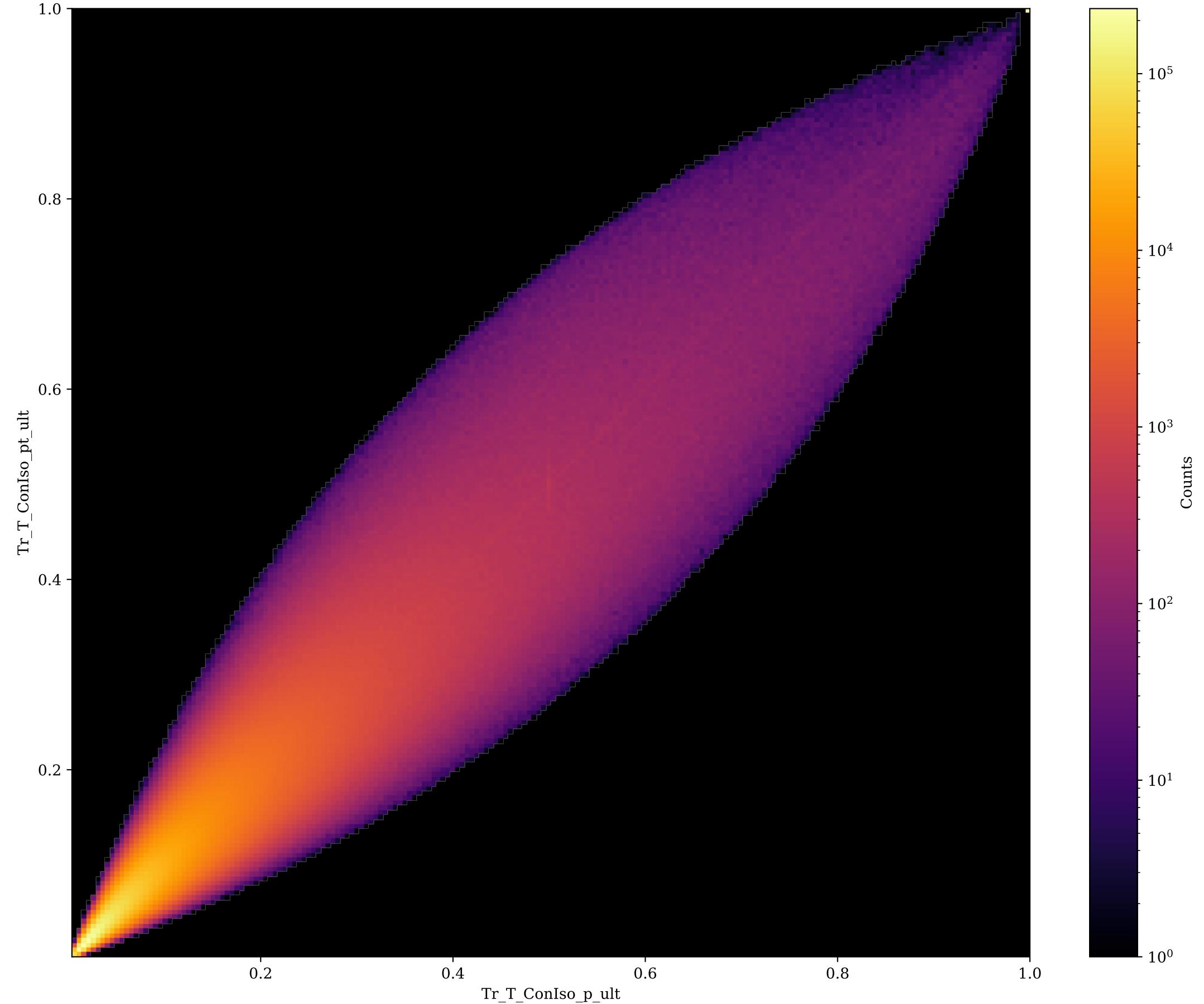
Hist2d Plot ('Tr_T_TrFIRSTHITZ' vs 'Tr_diff_z')
correlation: 0.97379



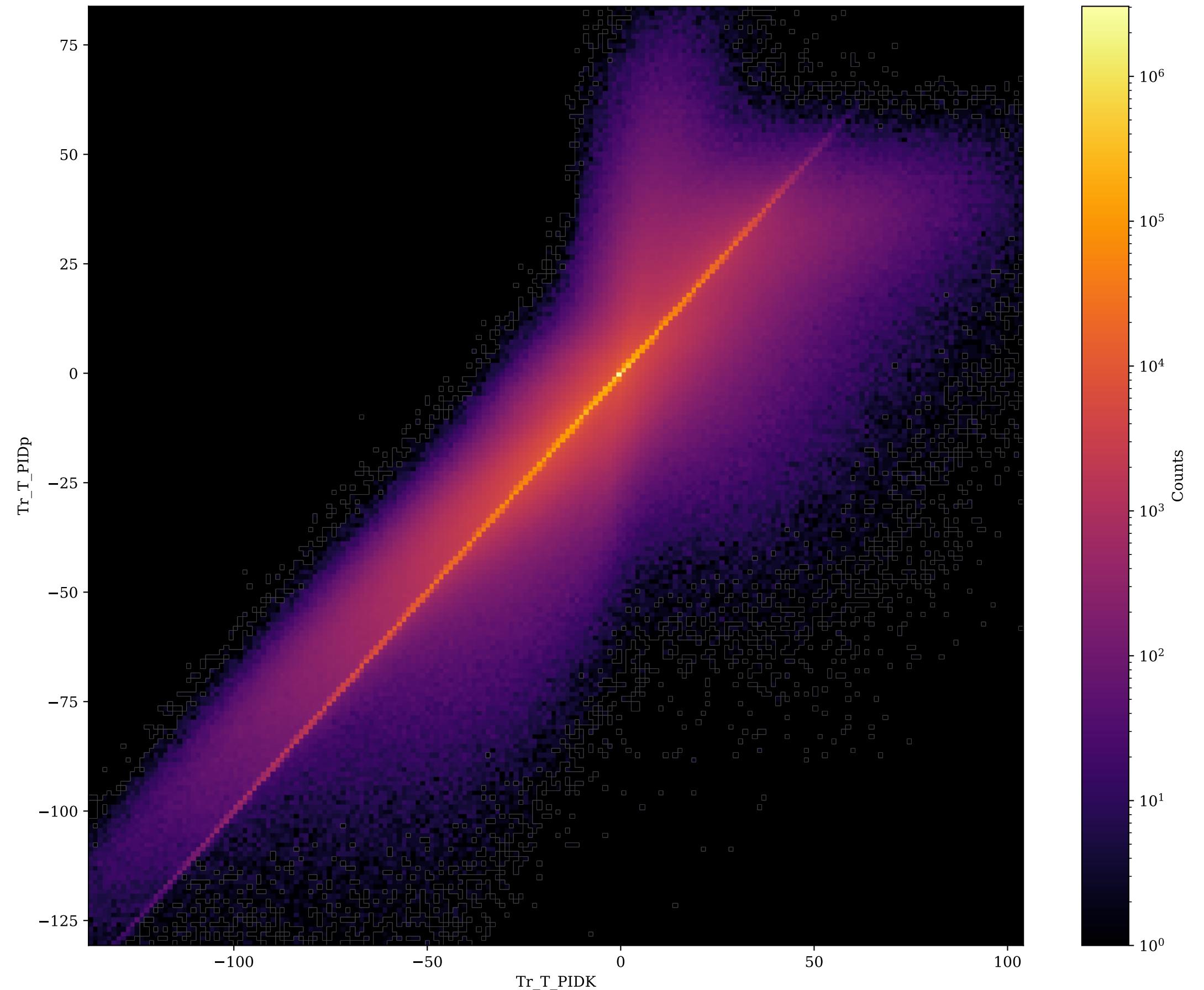
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_Cone_asym_Pt')
correlation: 0.97051



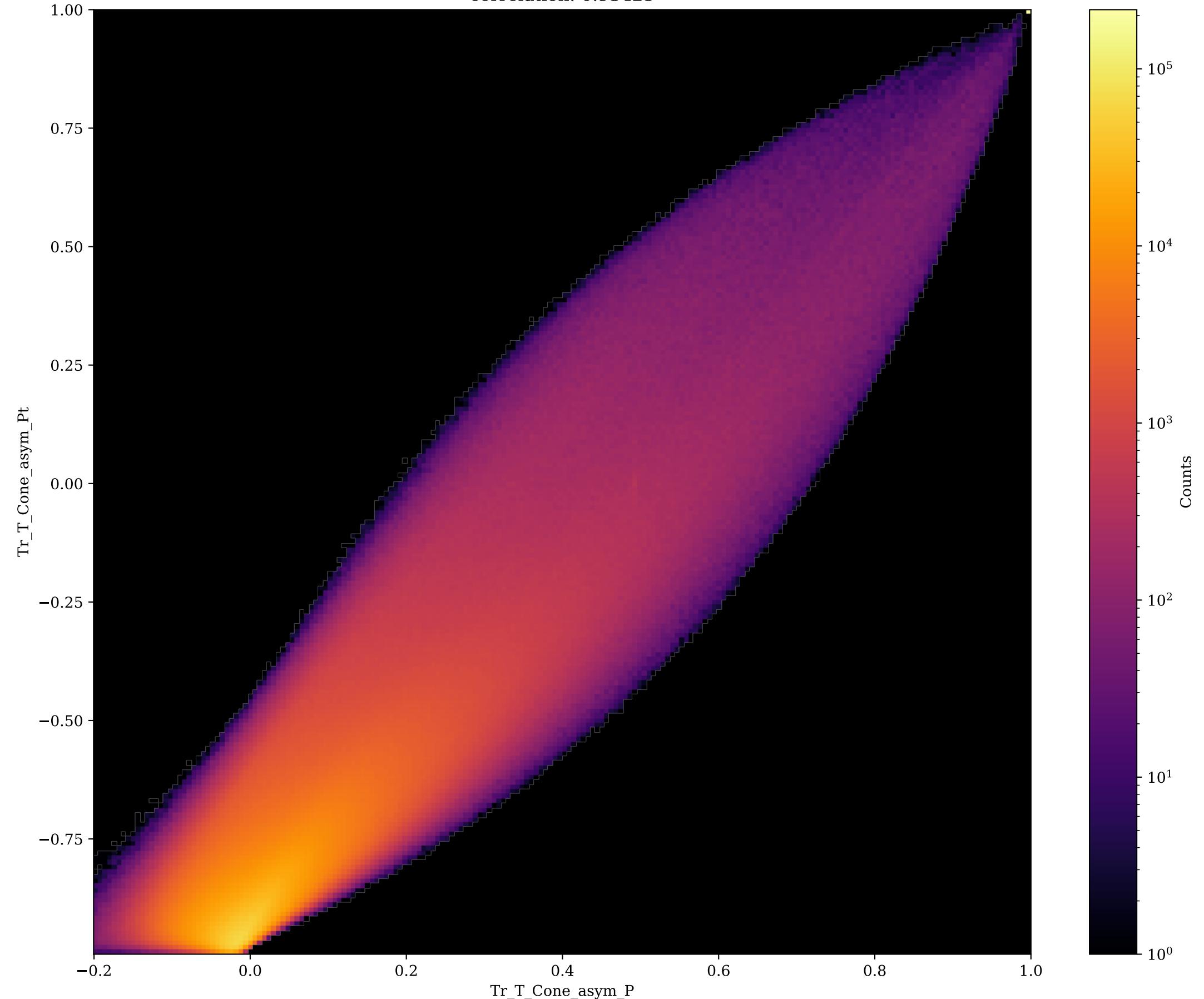
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_ConIso_pt_ult')
correlation: 0.97051



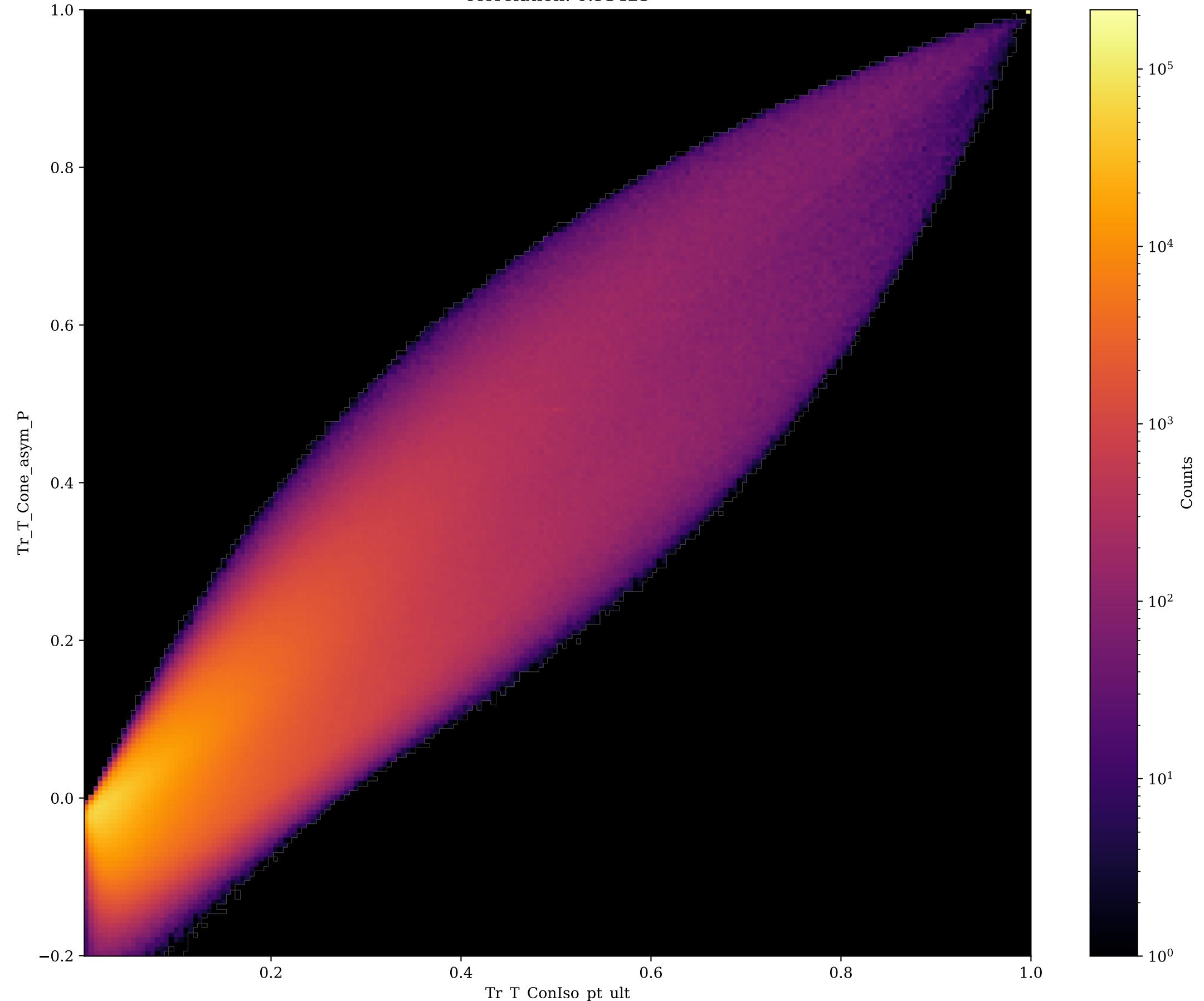
Hist2d Plot ('Tr_T_PIDK' vs 'Tr_T_PIDp')
correlation: 0.94100



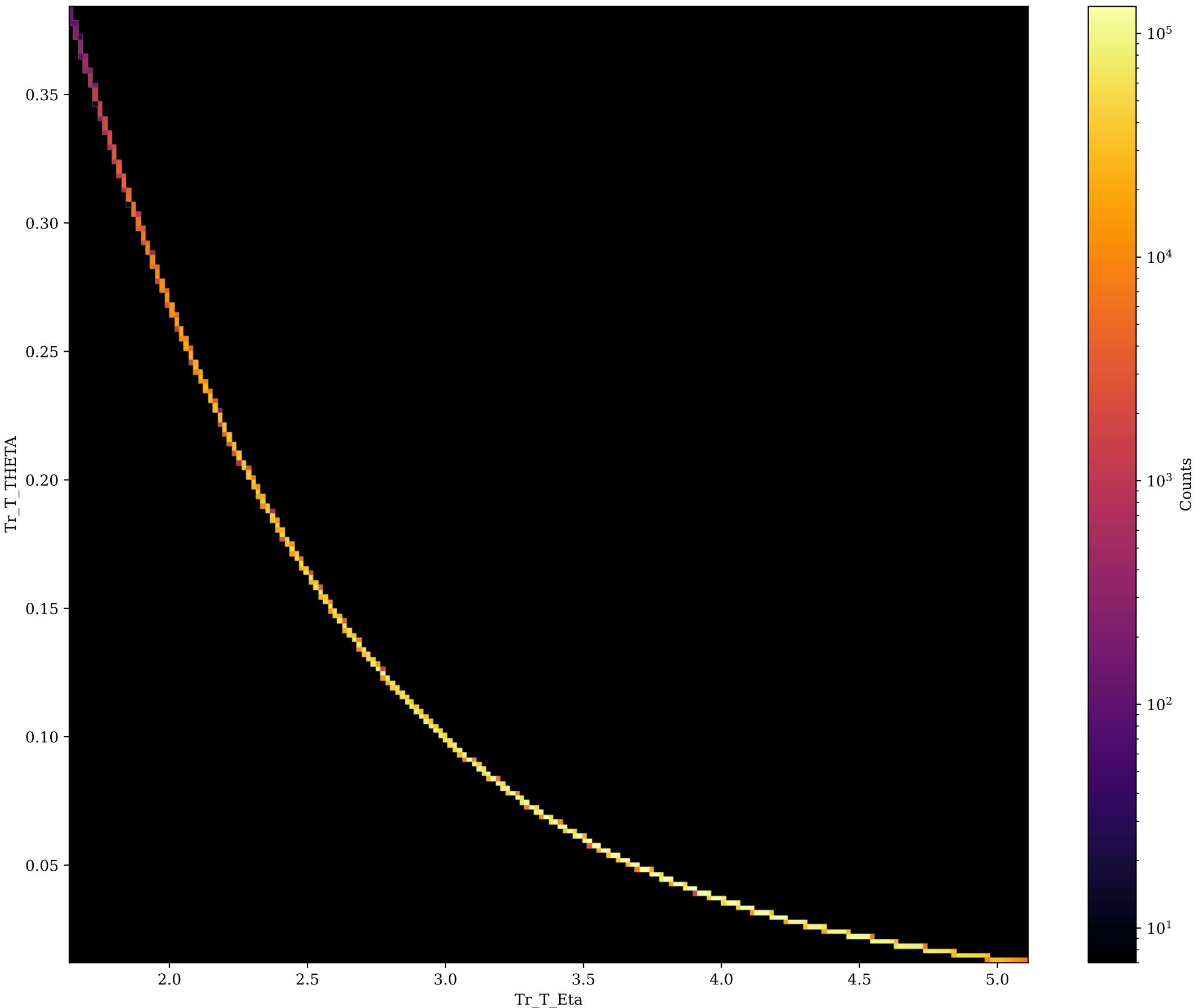
Hist2d Plot ('Tr_T_Cone_asym_P' vs 'Tr_T_Cone_asym_Pt')
correlation: 0.93425



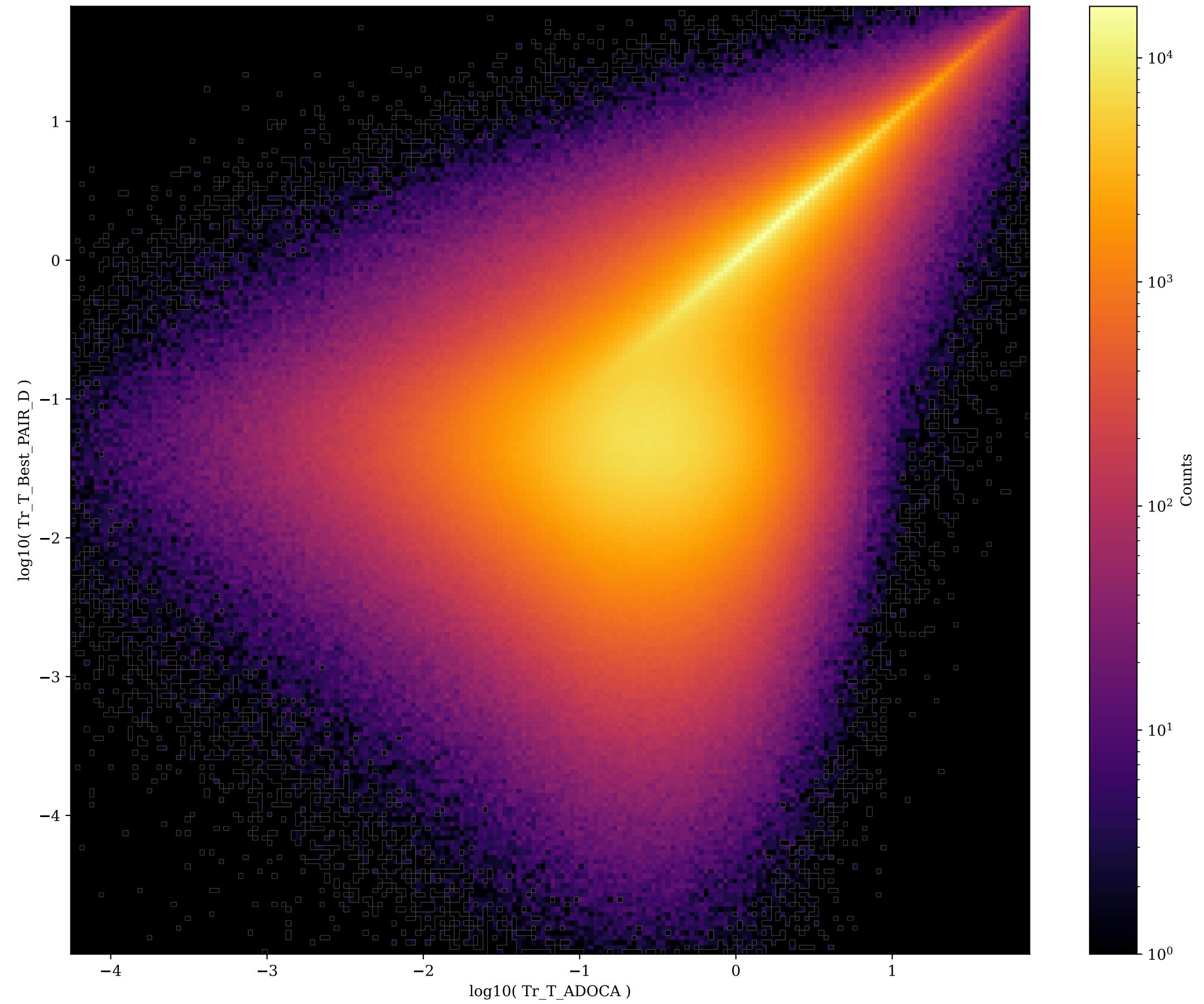
Hist2d Plot ('Tr_T_ConIso_pt_ult' vs 'Tr_T_Cone_asym_P')
correlation: 0.93425



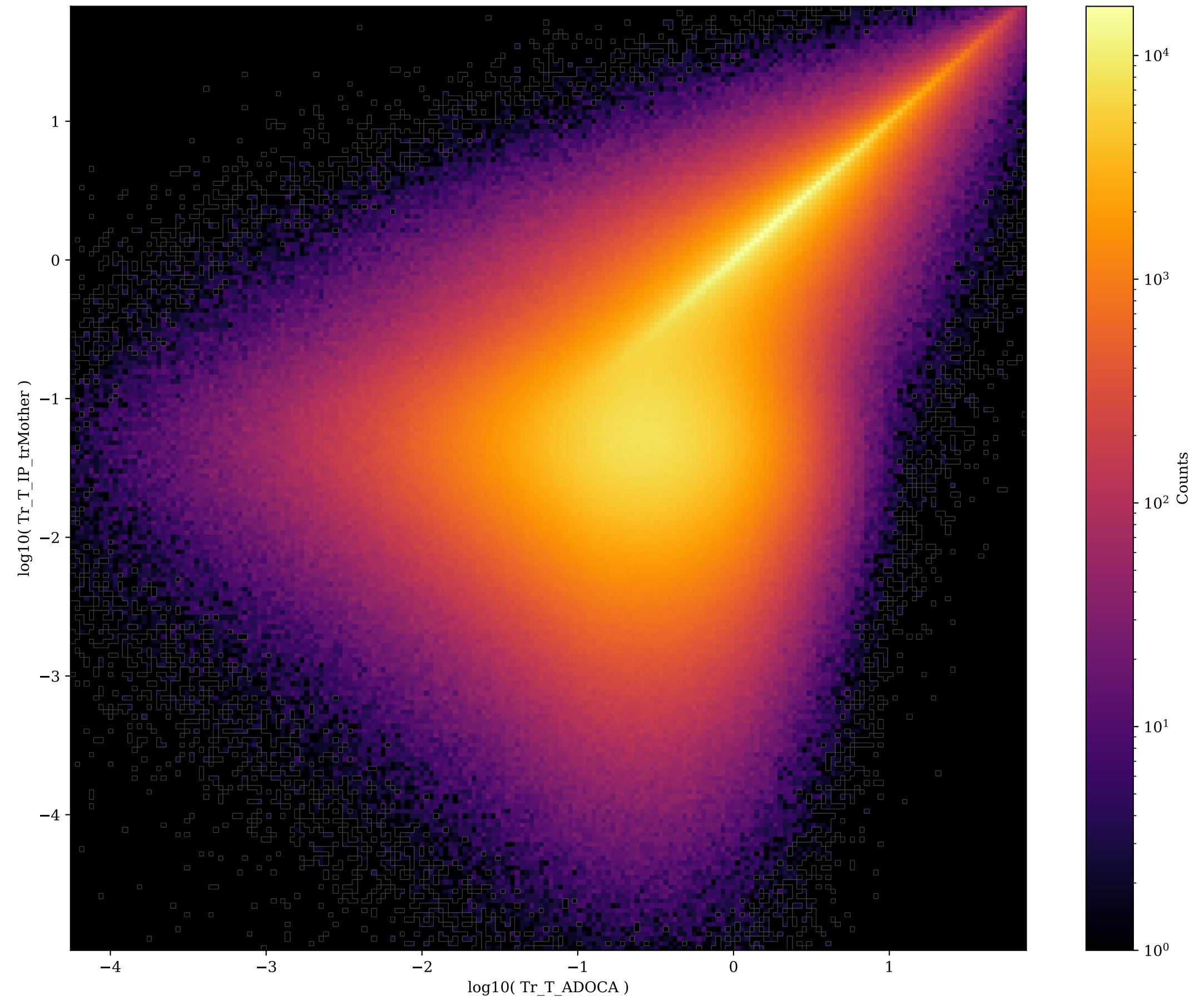
Hist2d Plot ('Tr_T_Eta' vs 'Tr_T_Theta')
correlation: -0.92631



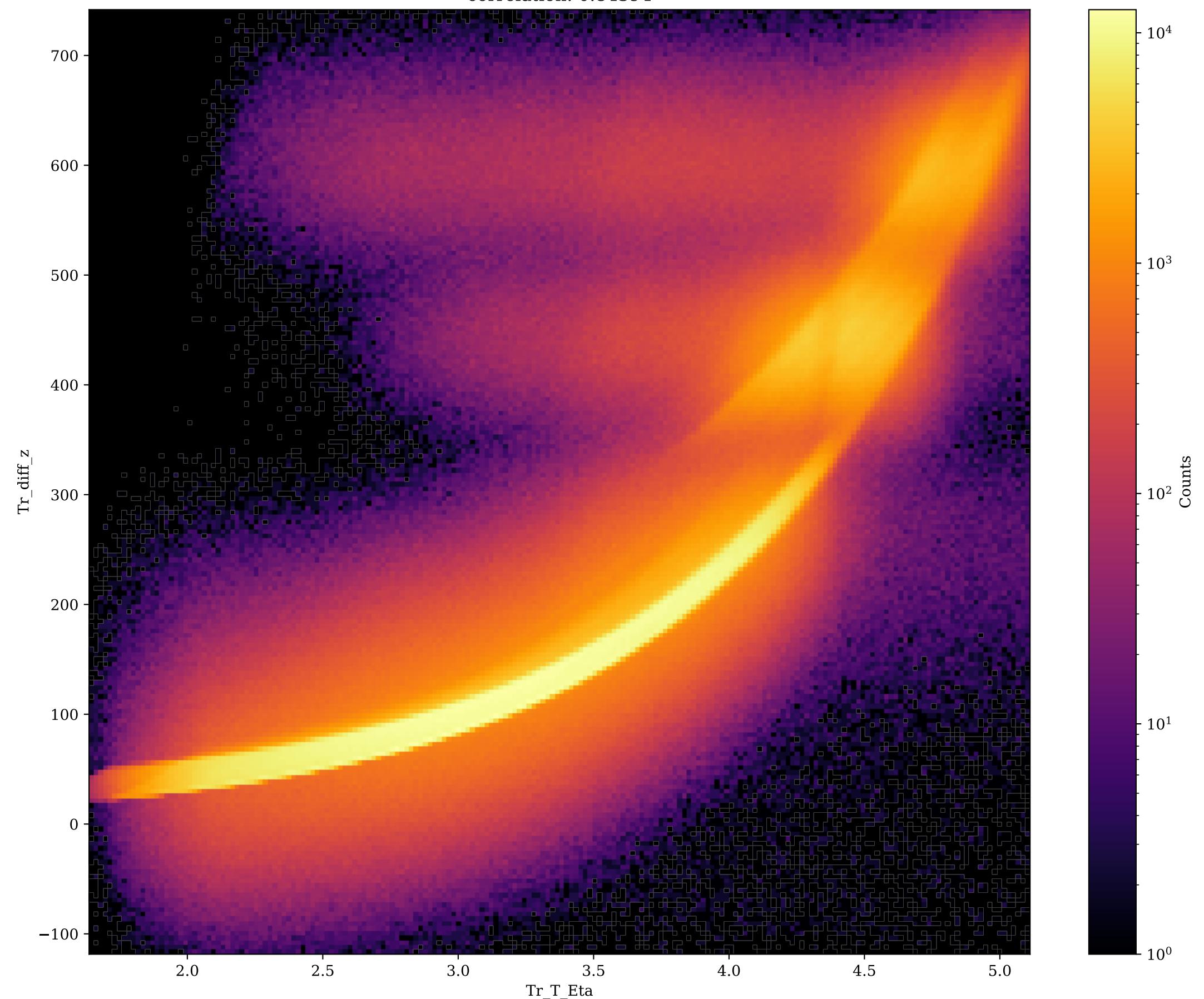
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_Best_PAIR_D')
correlation: 0.87108



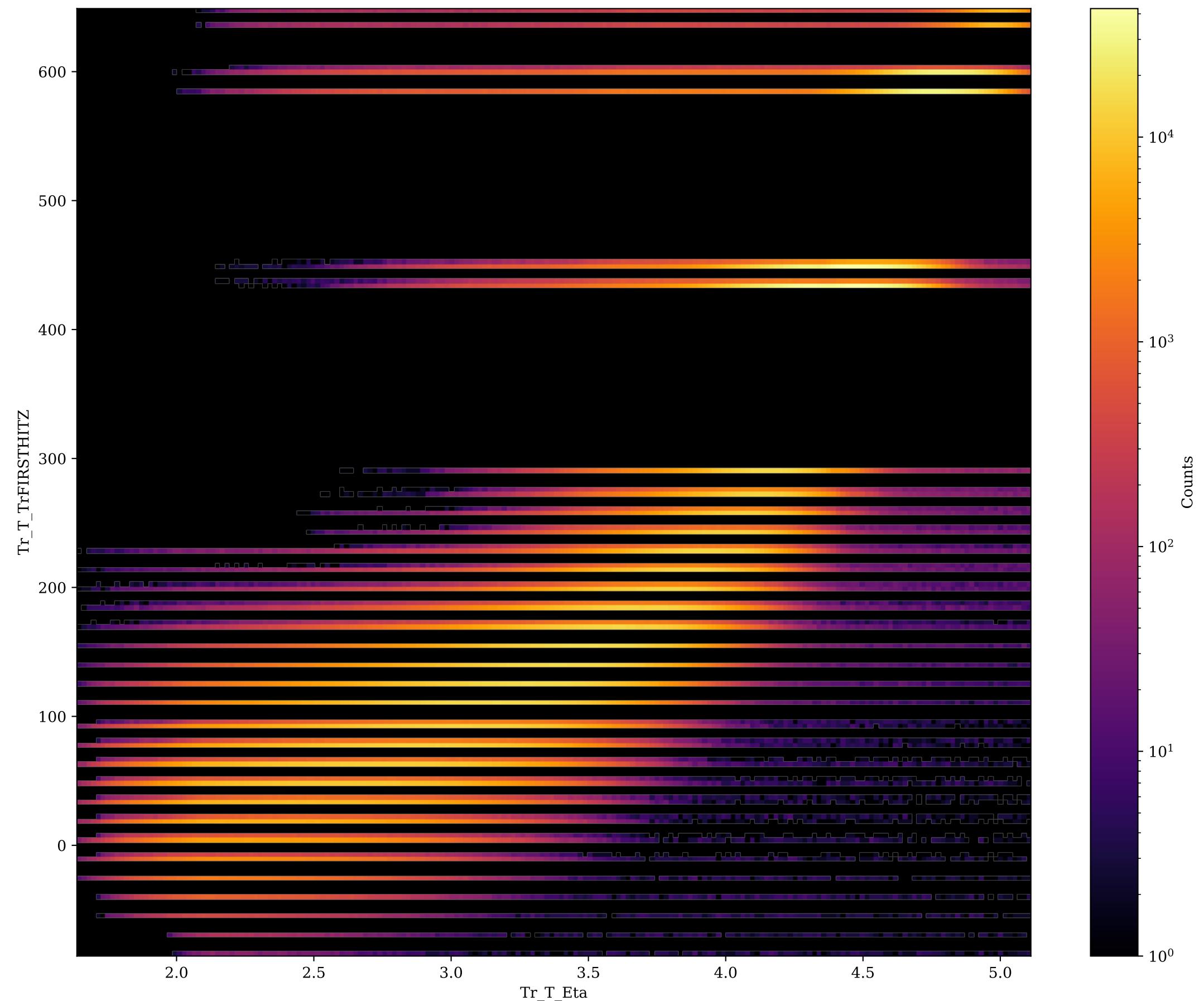
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_IP_trMother')
correlation: 0.87108



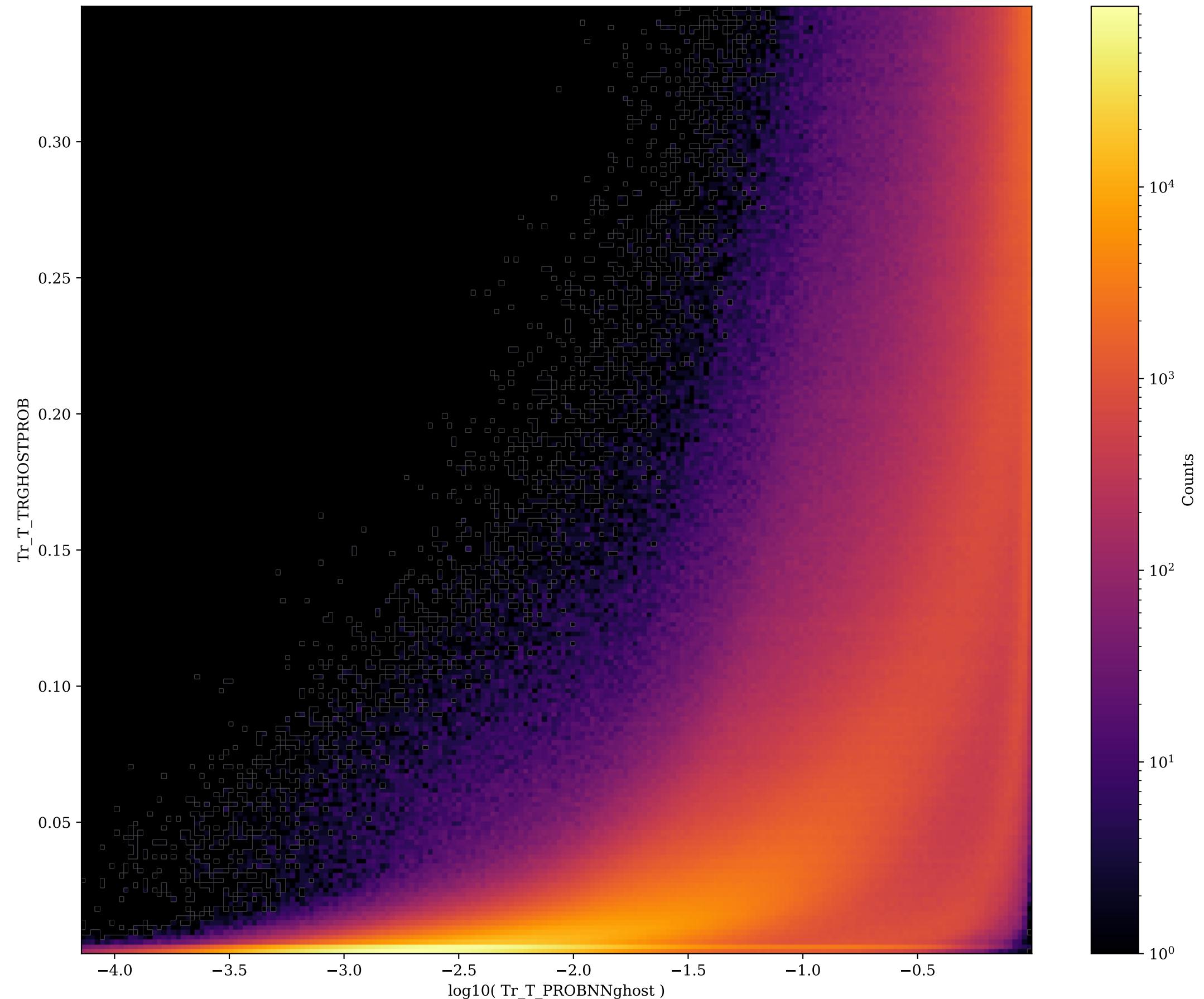
Hist2d Plot ('Tr_T_Eta' vs 'Tr_diff_z')
correlation: 0.84394



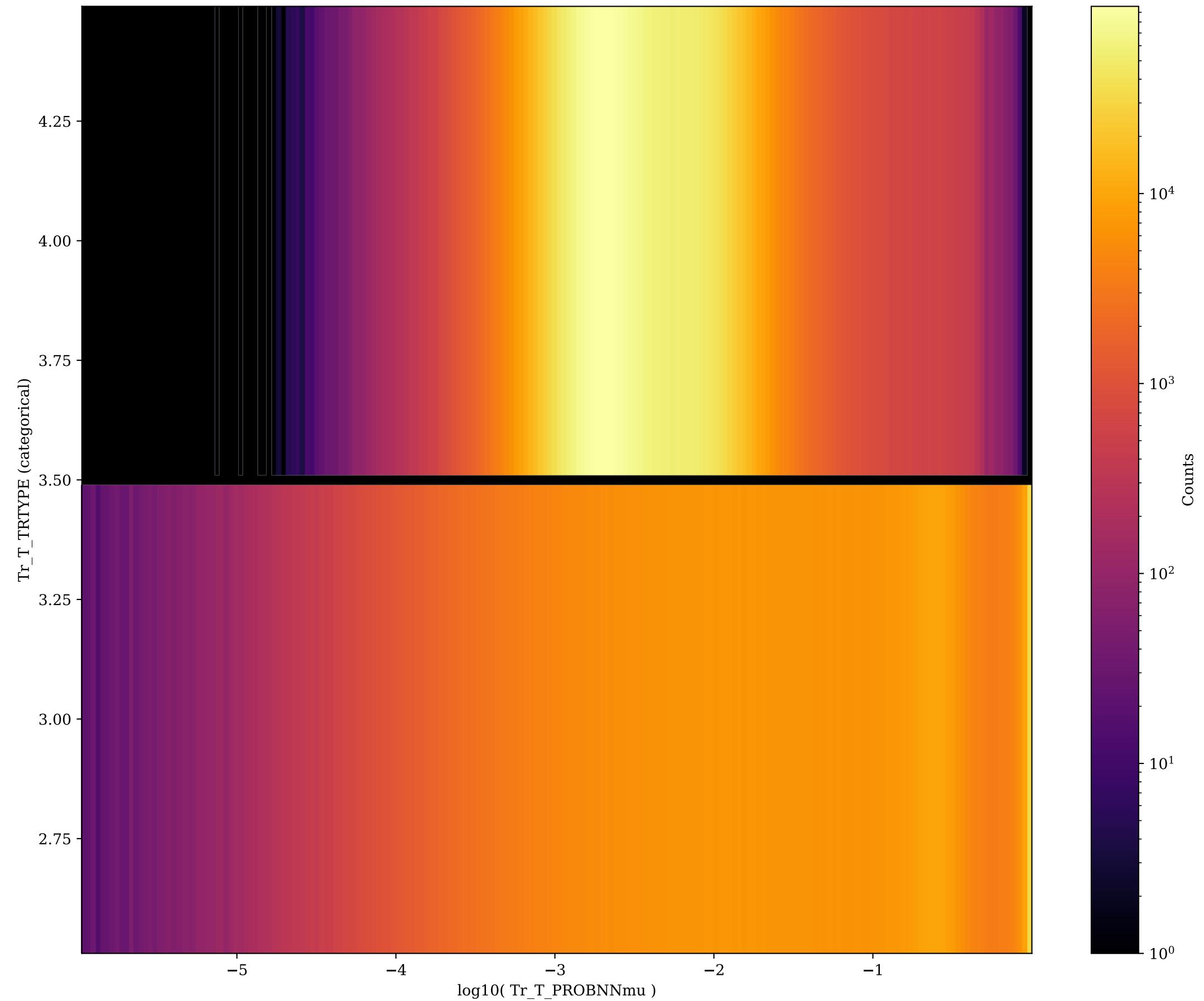
Hist2d Plot ('Tr_T_Eta' vs 'Tr_T_TrFIRSTHITZ')
correlation: 0.83274



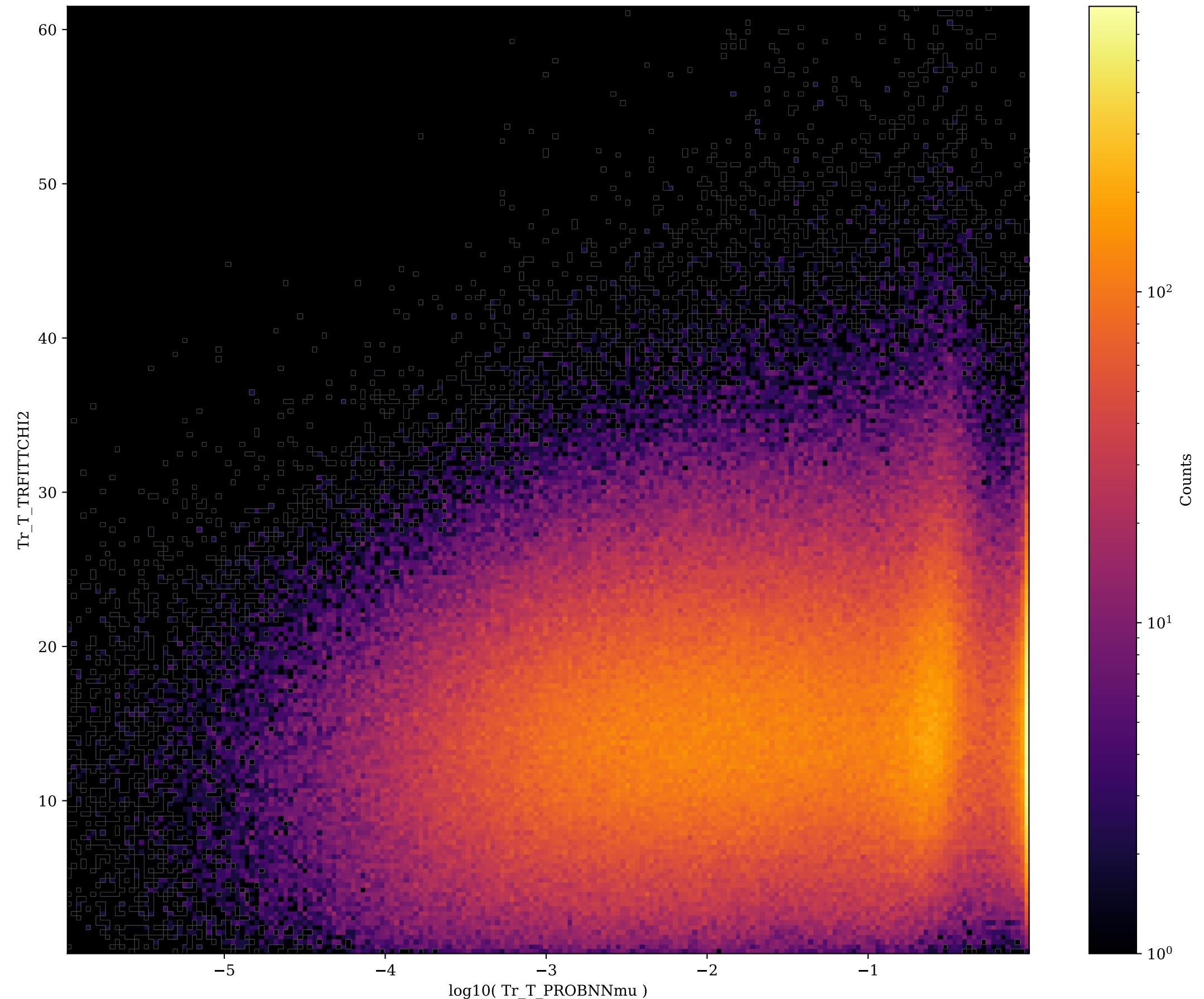
Hist2d Plot ('Tr_T_PROBNNghost' vs 'Tr_T_TRGHOSTPROB')
correlation: 0.82474



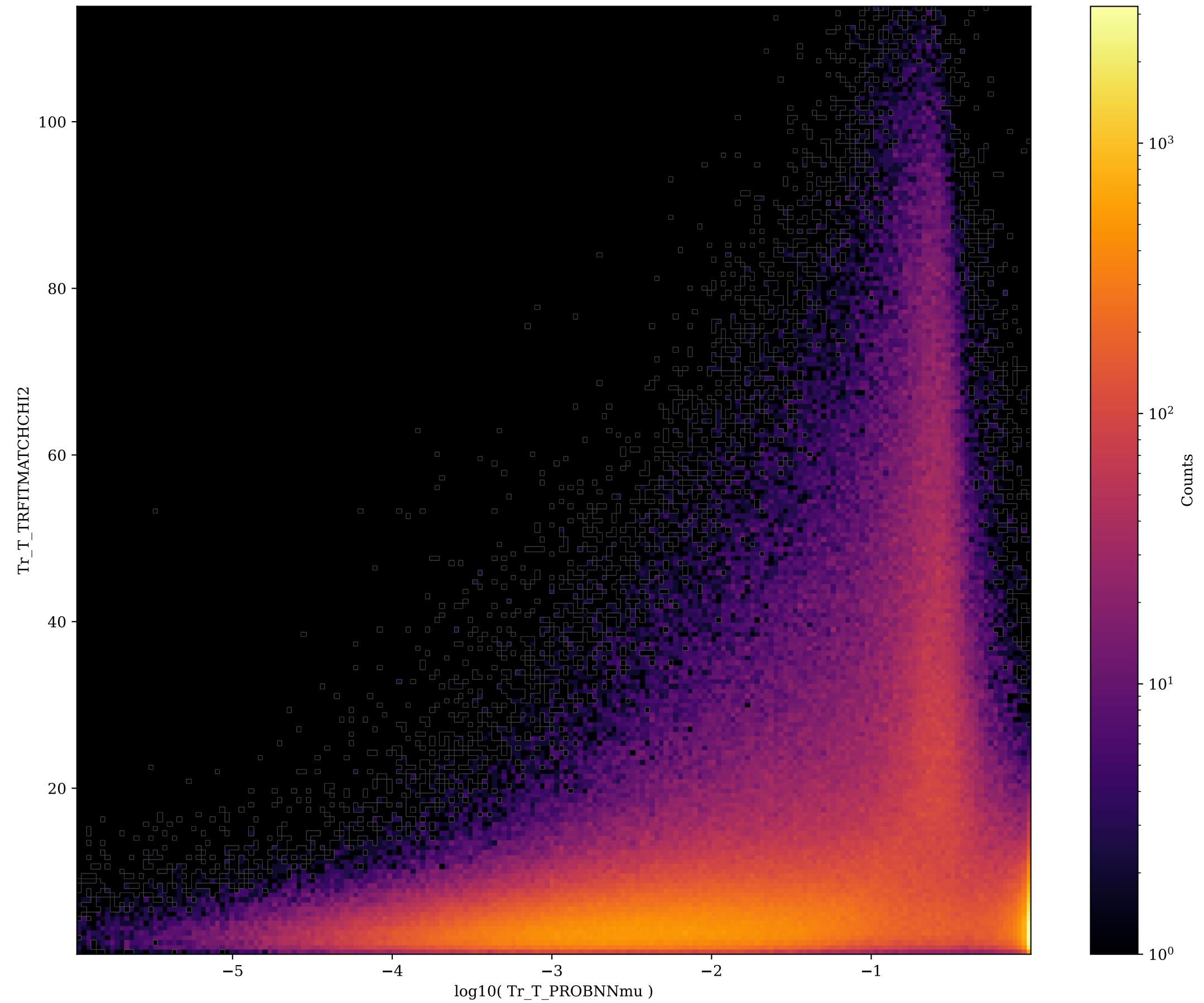
Hist2d Plot ('Tr_T_PROBNNmu' vs 'Tr_T_TRTYPE')
correlation: 0.82201



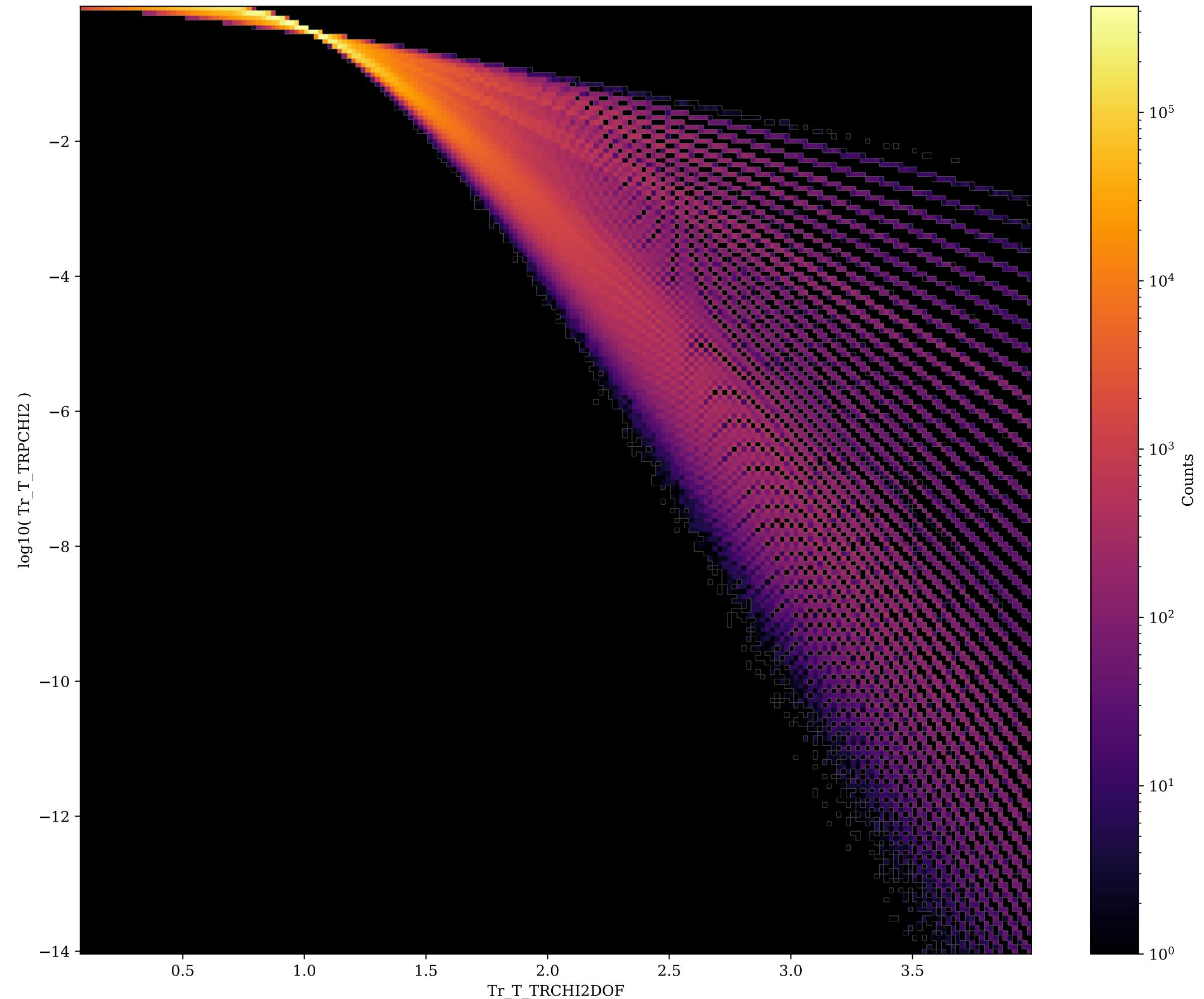
Hist2d Plot ('Tr_T_PROBNNmu' vs 'Tr_T_TRFITTCHI2')
correlation: -0.82180



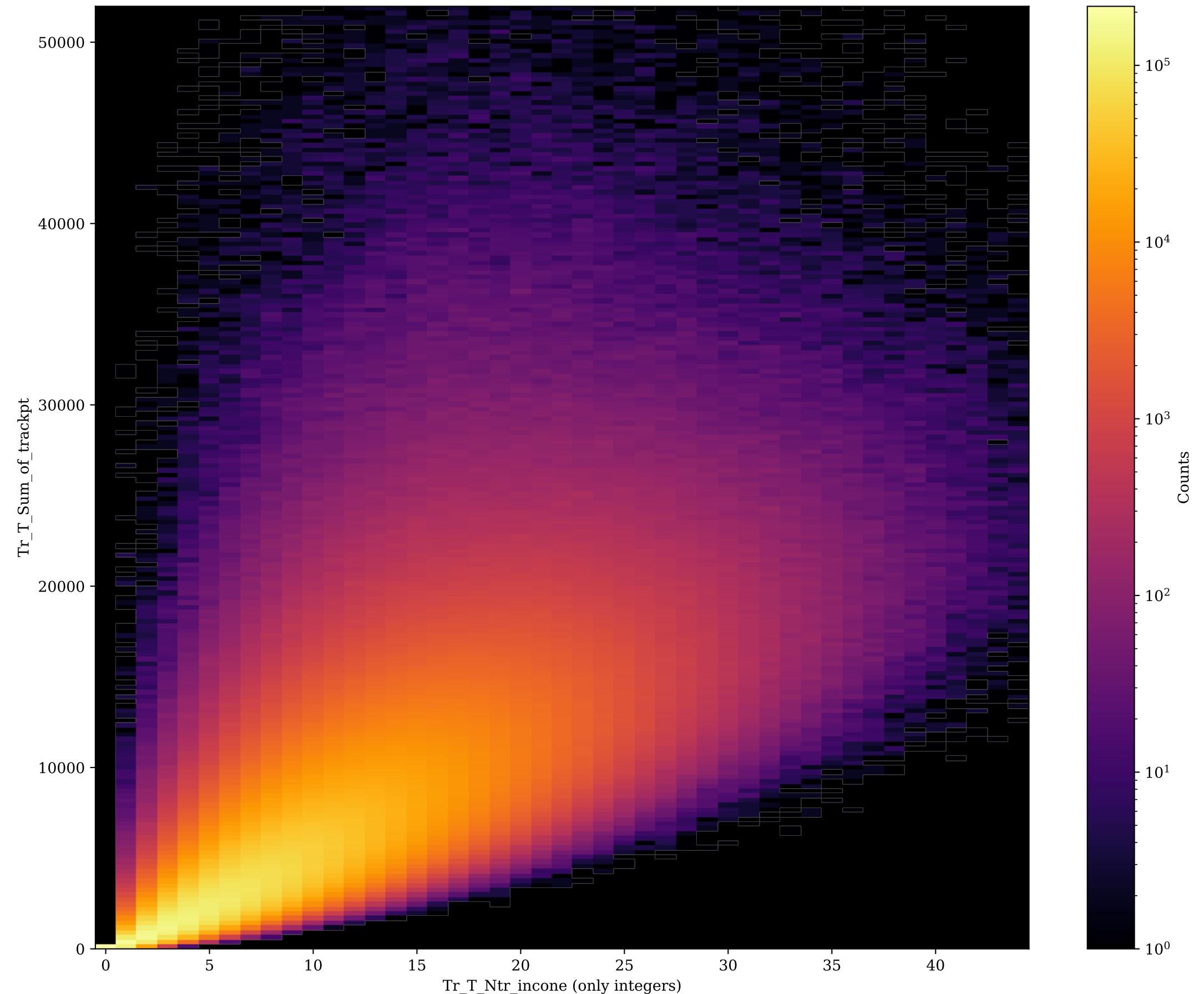
Hist2d Plot ('Tr_T_PROBNNmu' vs 'Tr_T_TRFITMATCHCHI2')
correlation: -0.82063



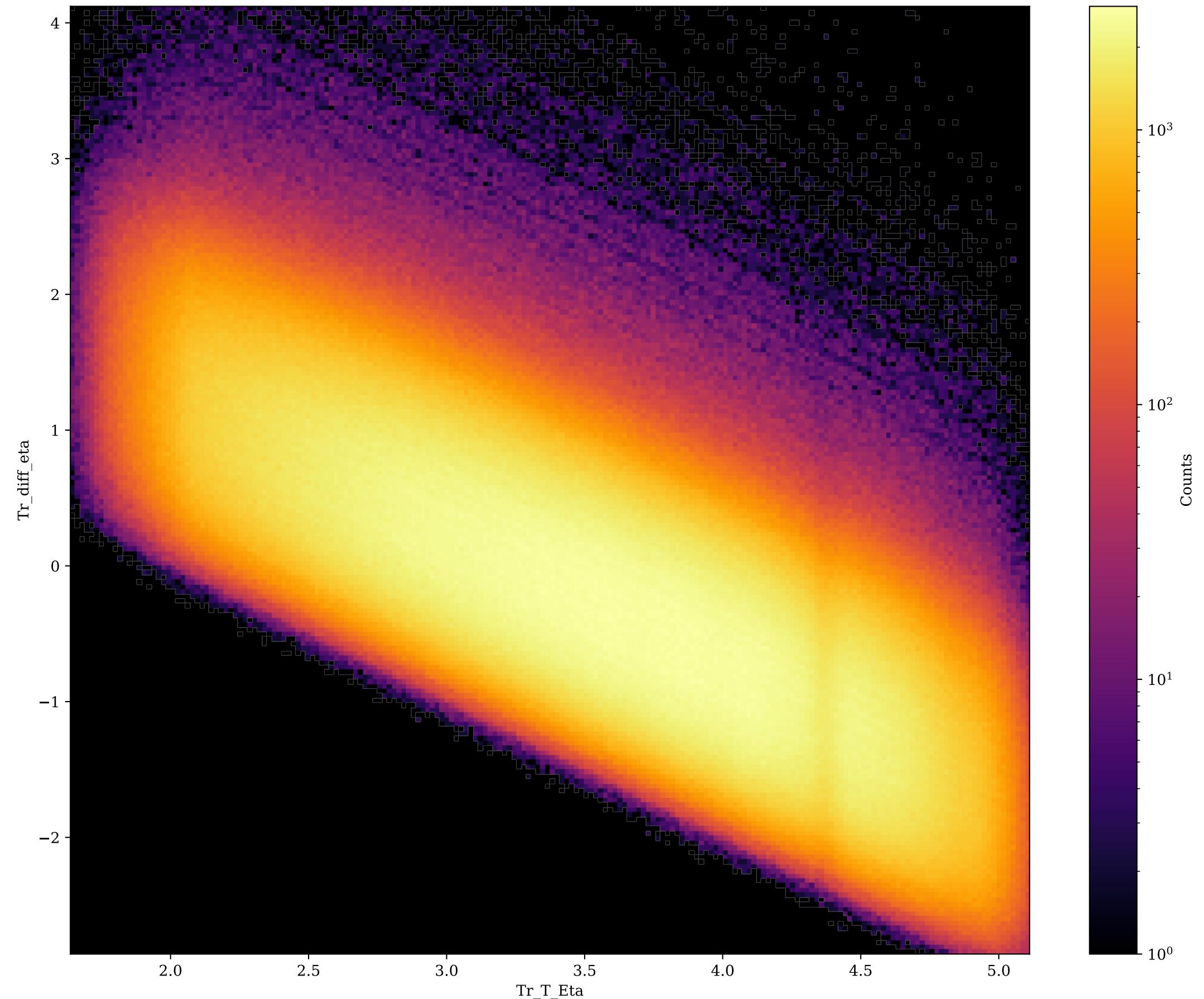
Hist2d Plot ('Tr_T_TRCHI2DOF' vs 'Tr_T_TRPCHI2')
correlation: -0.80743



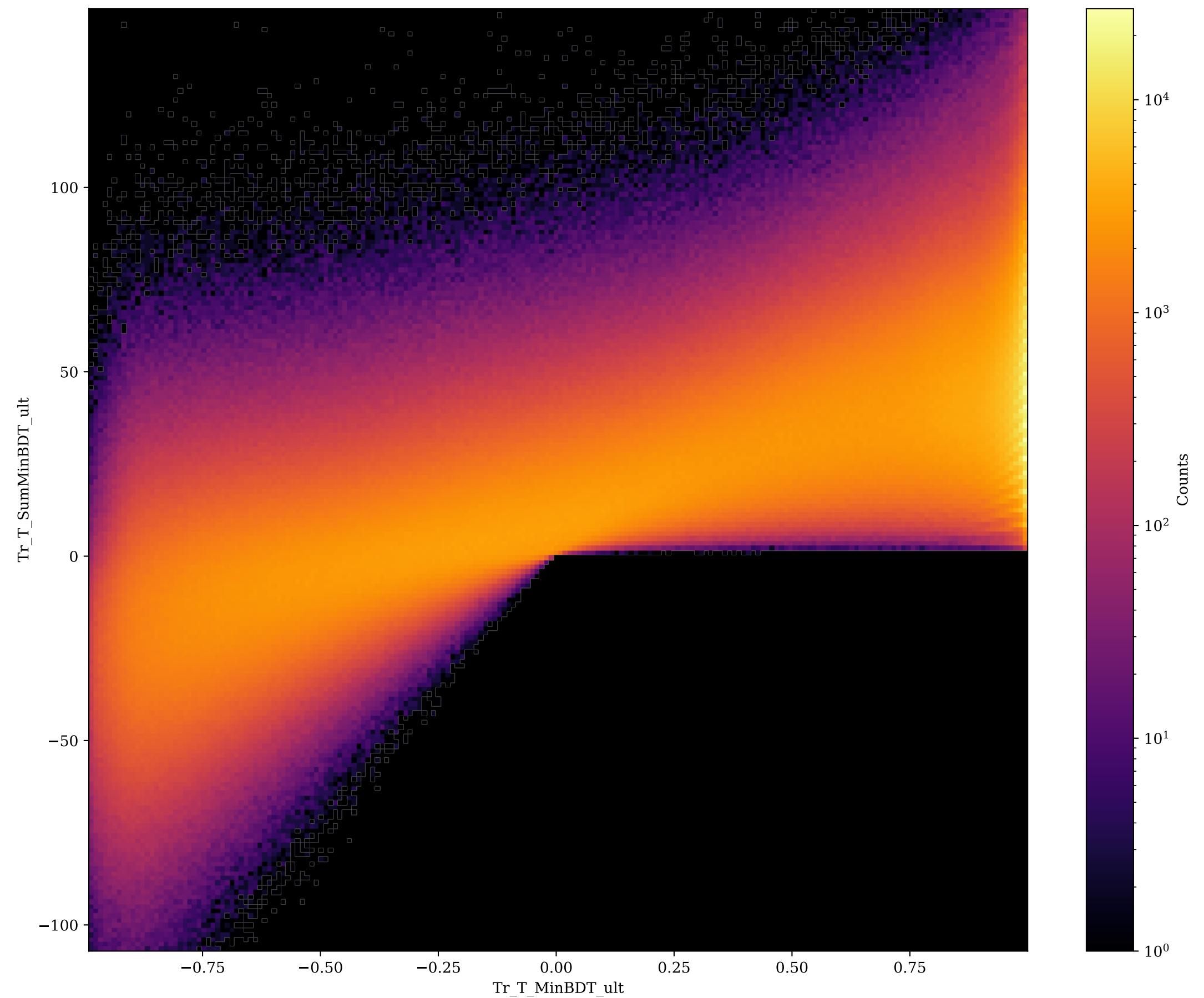
Hist2d Plot ('Tr_T_Ntr_incone' vs 'Tr_T_Sum_of_trackpt')
correlation: 0.78444



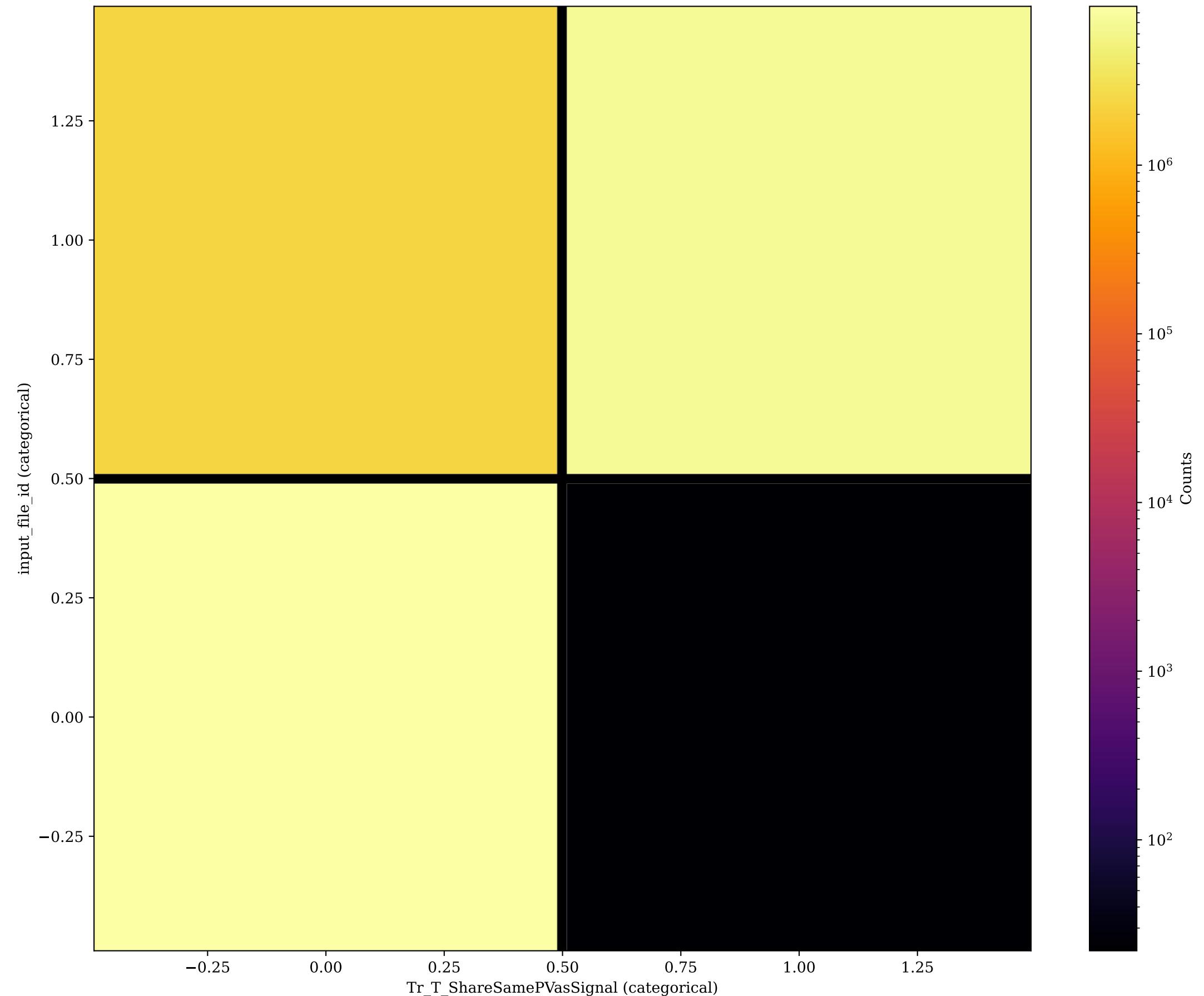
Hist2d Plot ('Tr_T_Eta' vs 'Tr_diff_eta')
correlation: -0.77918



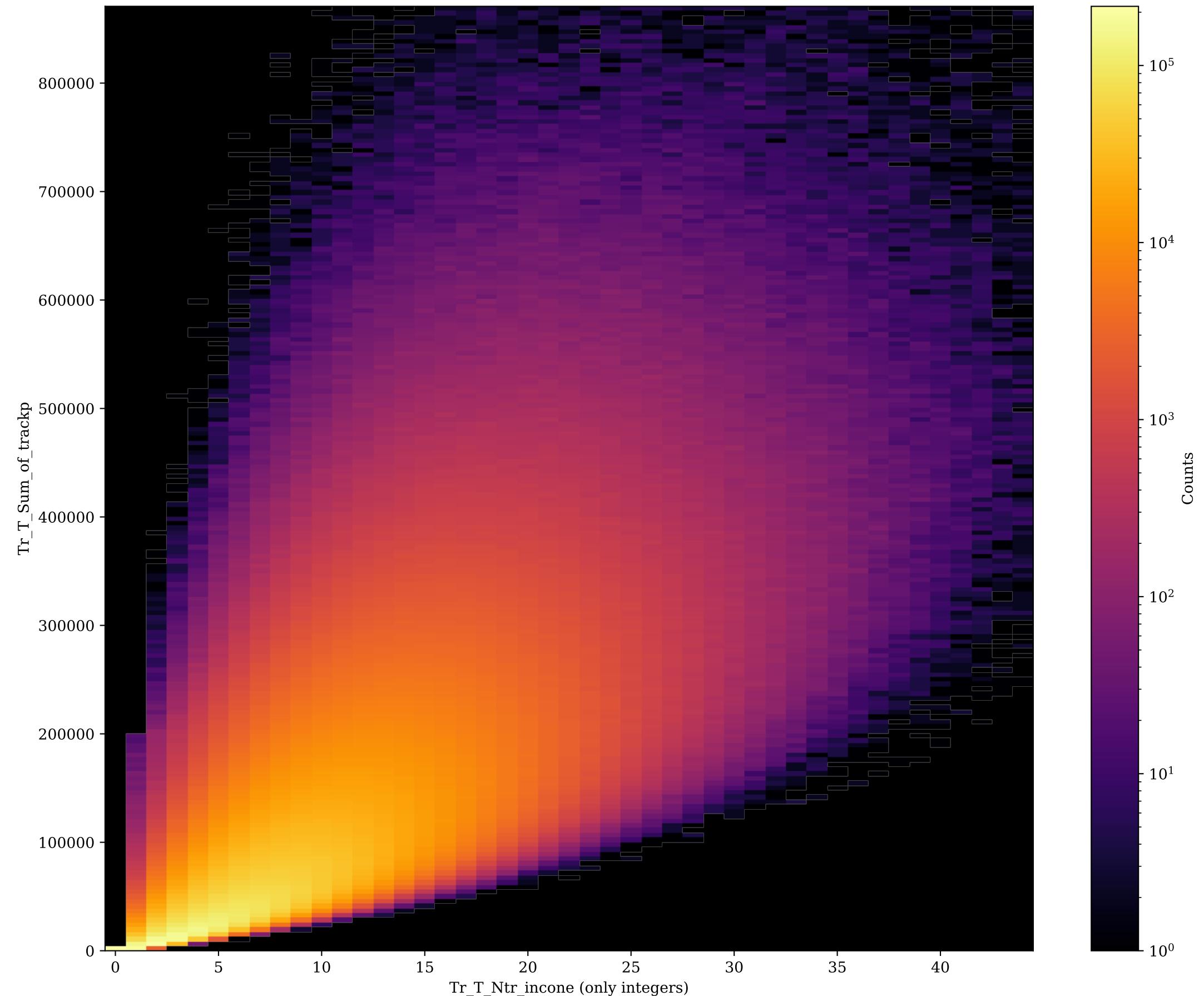
Hist2d Plot ('Tr_T_MinBDT_ult' vs 'Tr_T_SumMinBDT_ult')
correlation: 0.77722



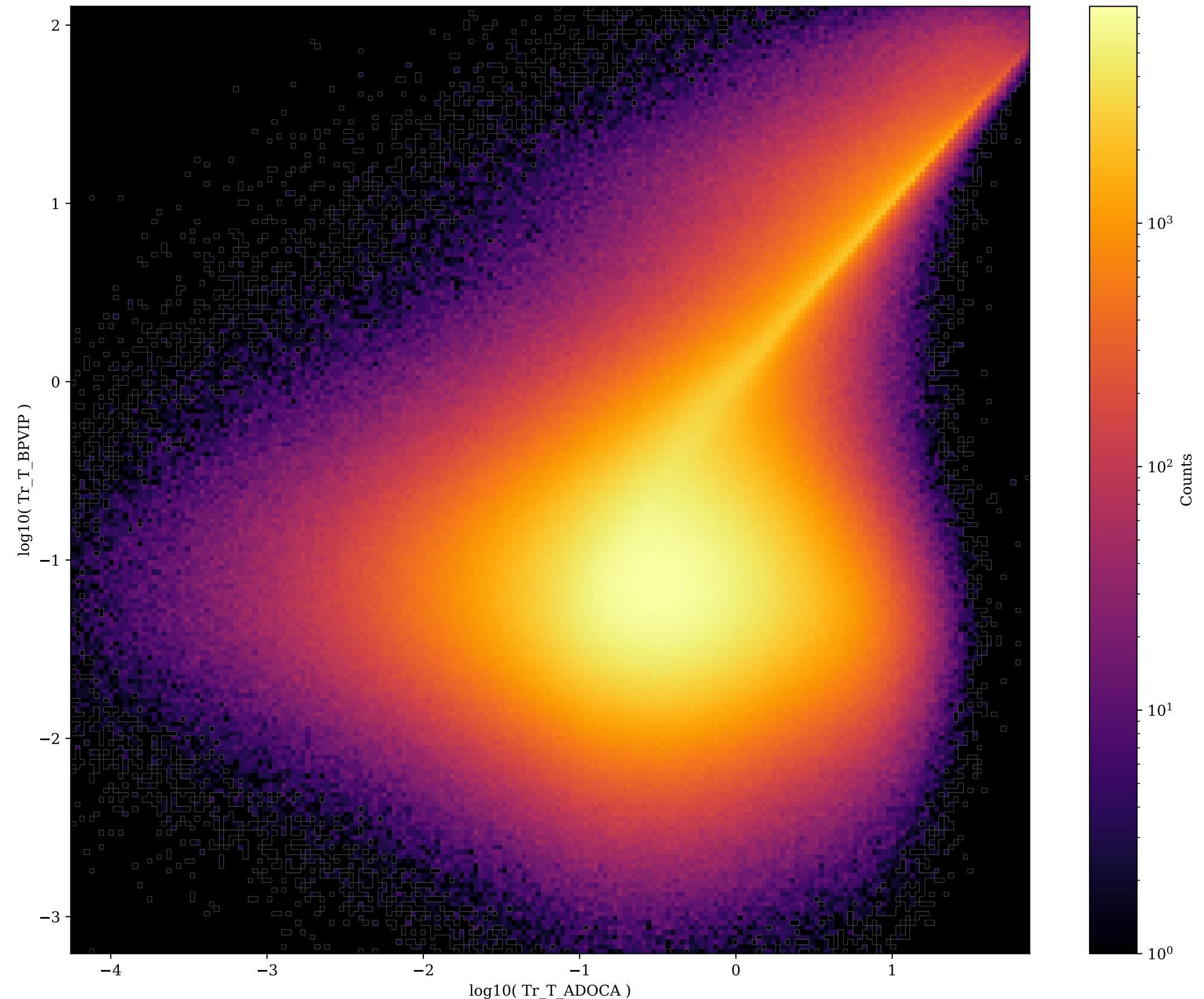
Hist2d Plot ('Tr_T_ShareSamePVasSignal' vs 'input_file_id')
correlation: 0.77000



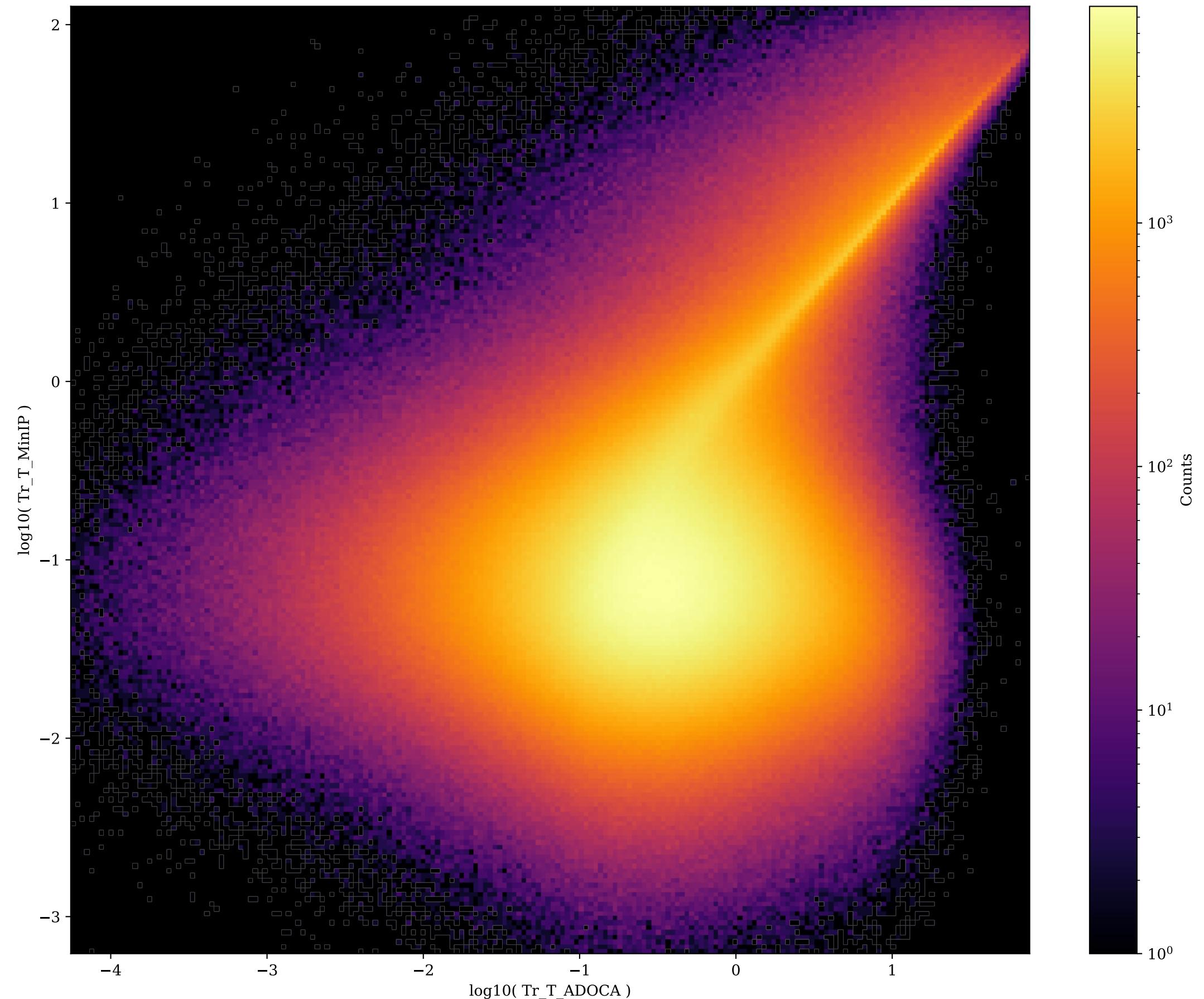
Hist2d Plot ('Tr_T_Ntr_incone' vs 'Tr_T_Sum_of_trackp')
correlation: 0.72773



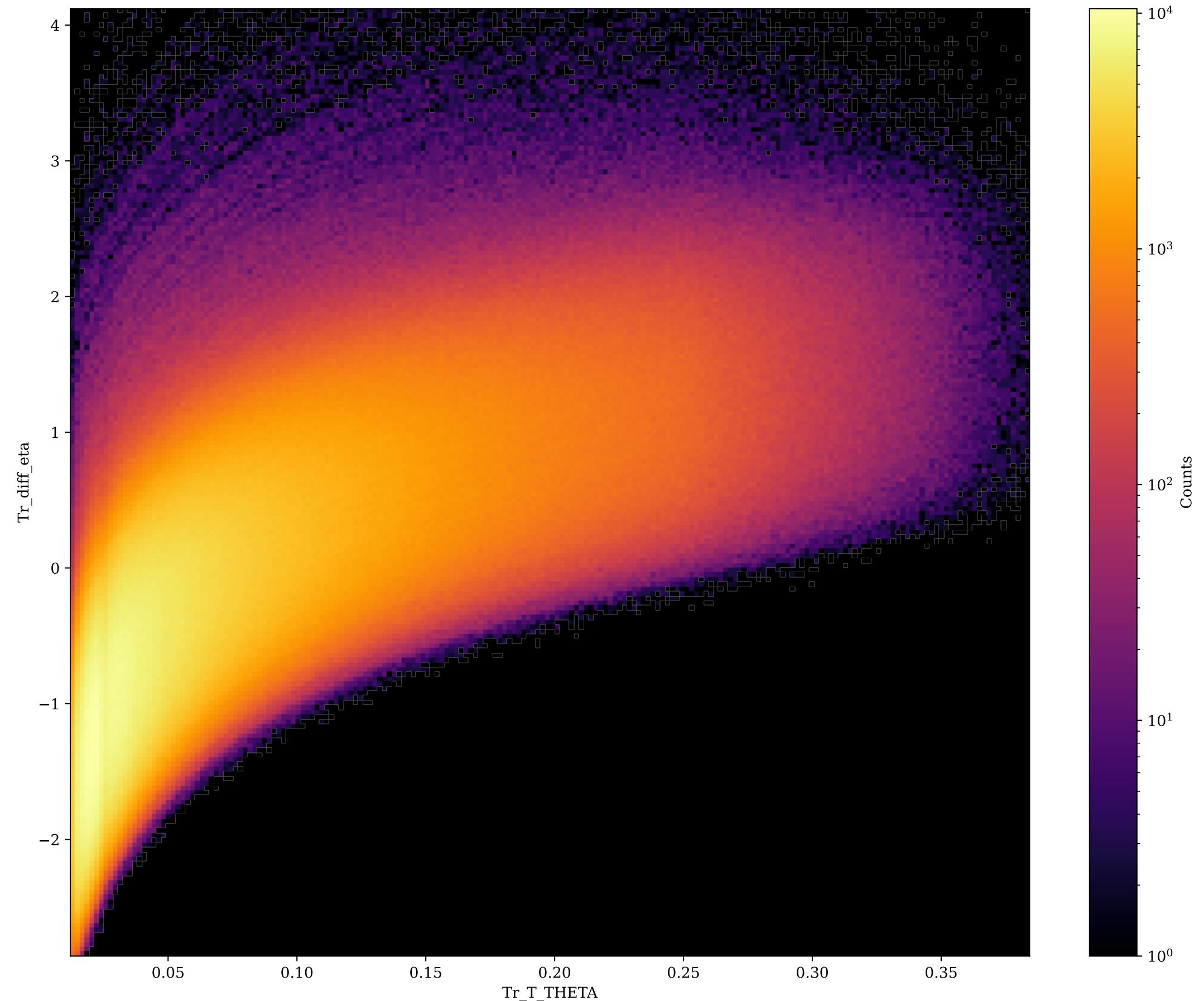
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_BPVIP')
correlation: 0.72169



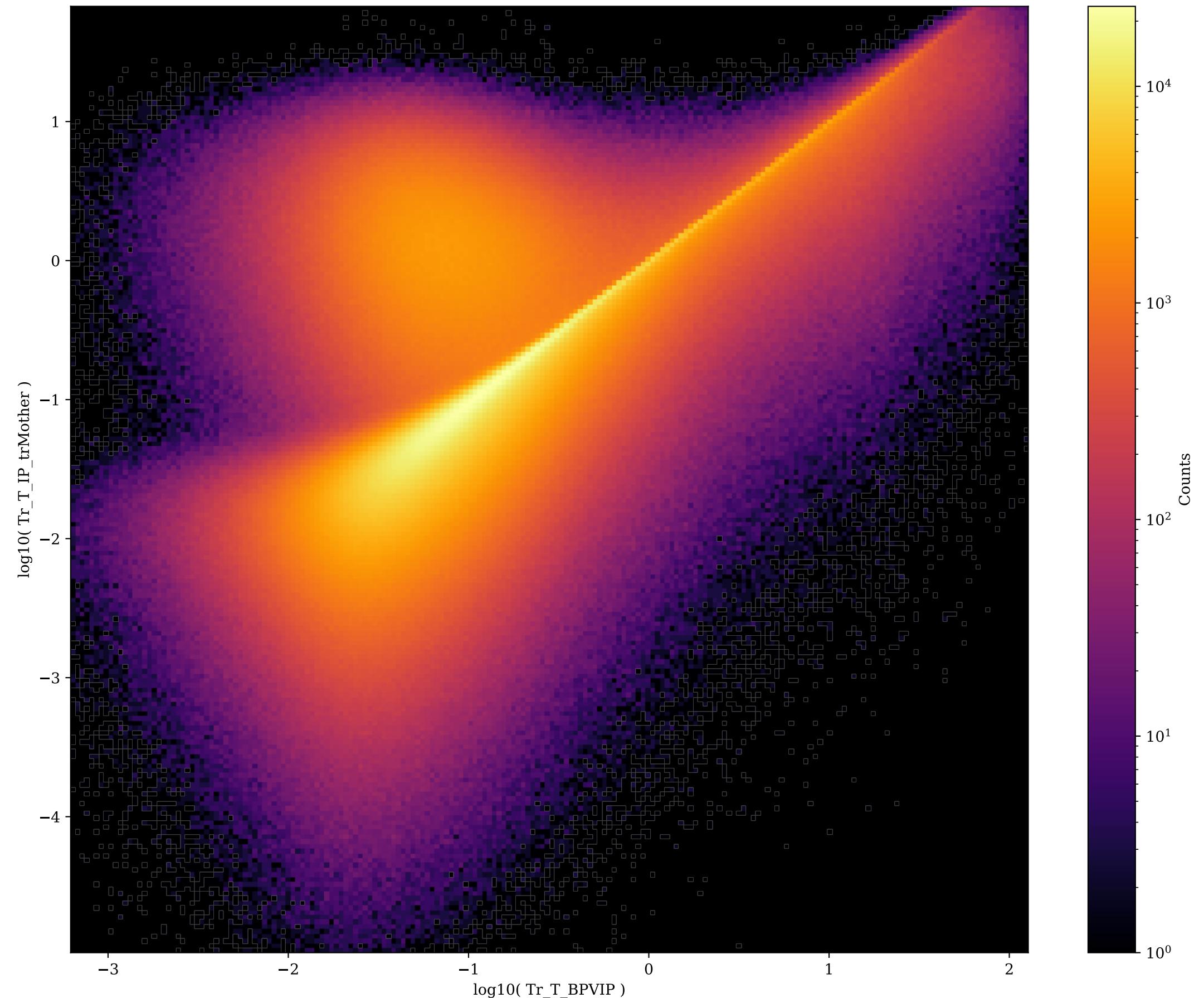
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_MinIP')
correlation: 0.72169



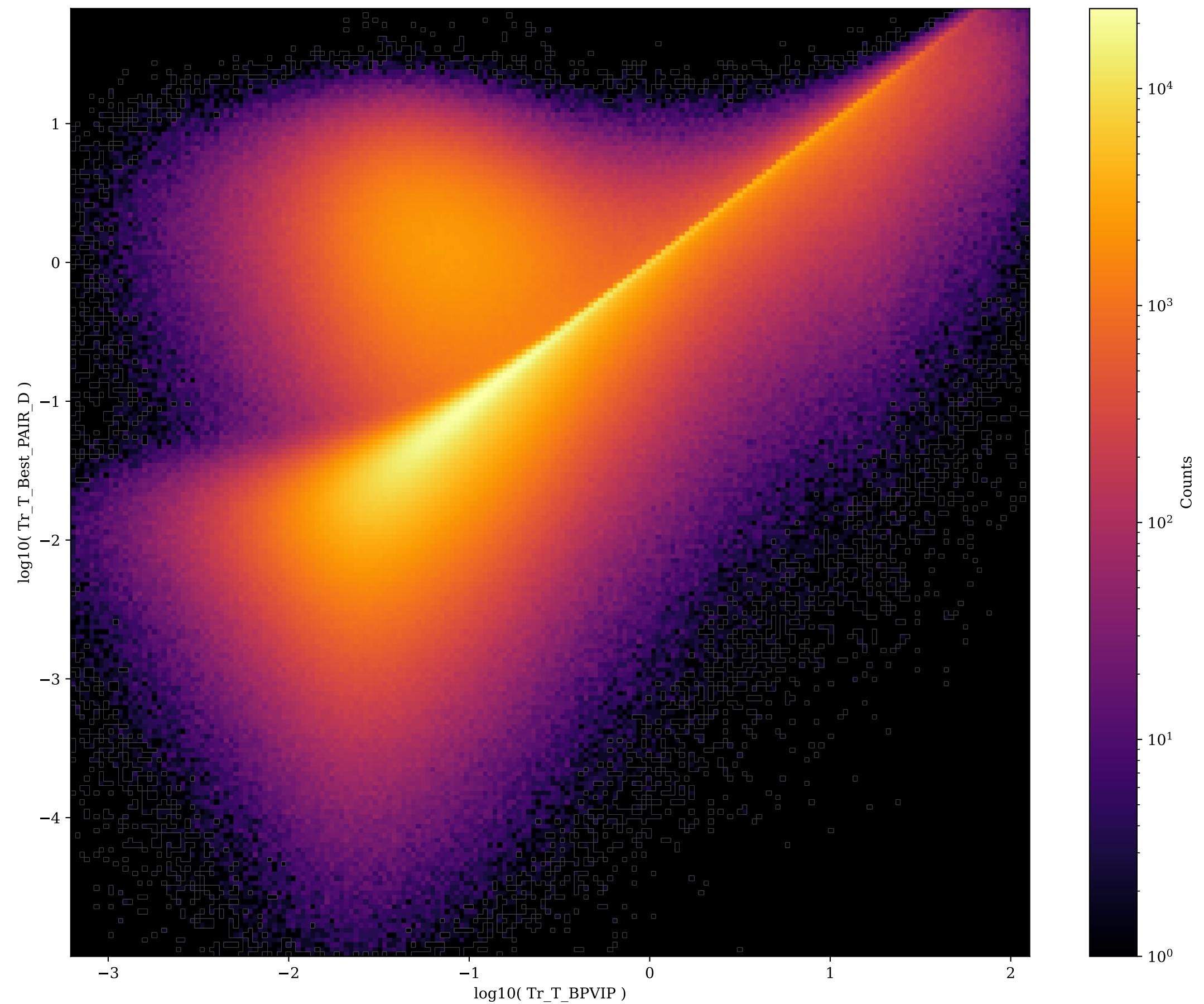
Hist2d Plot ('Tr_T_THETA' vs 'Tr_diff_eta')
correlation: 0.72076



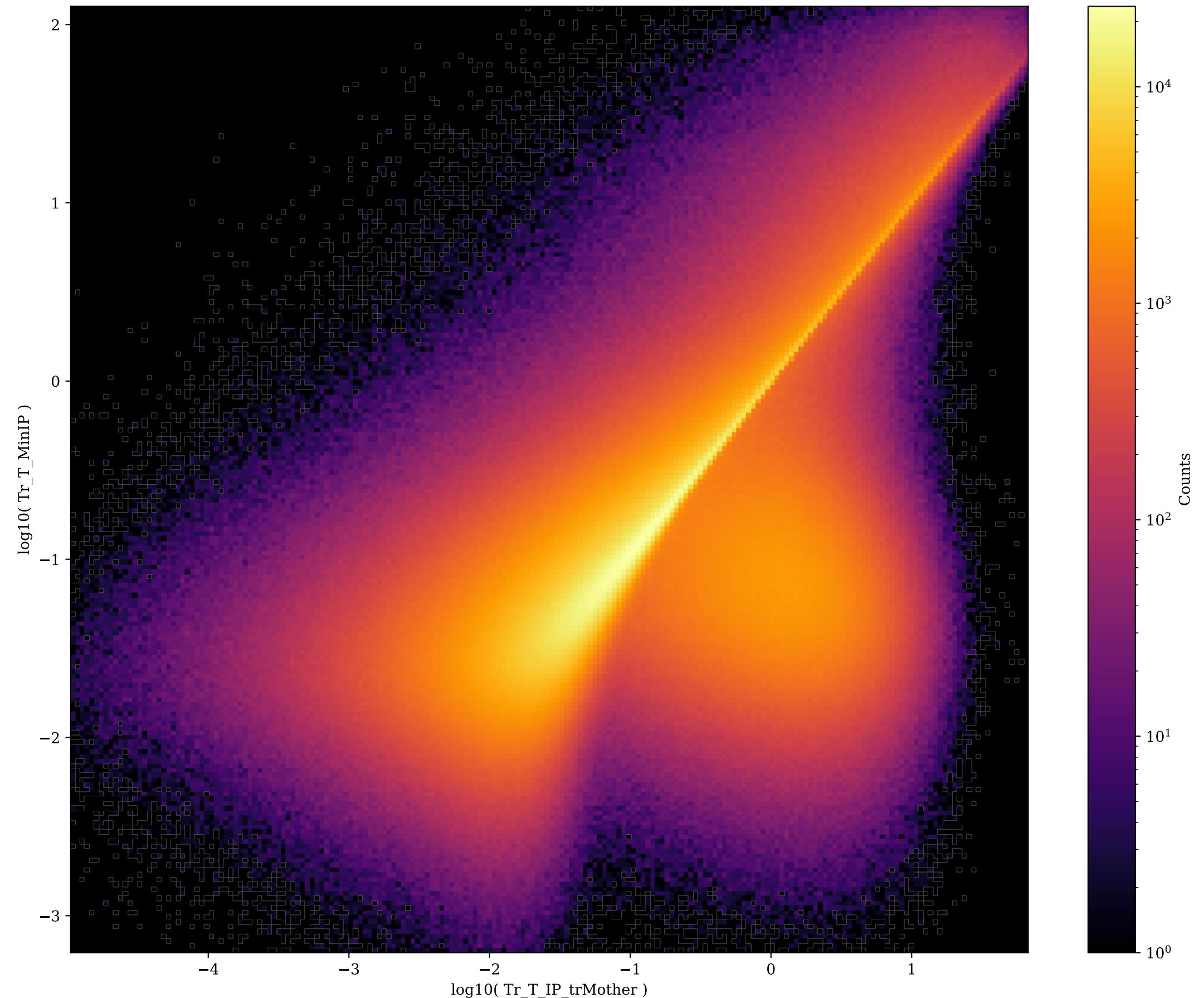
Hist2d Plot ('Tr_T_BPVIP' vs 'Tr_T_IP_trMother')
correlation: 0.72014



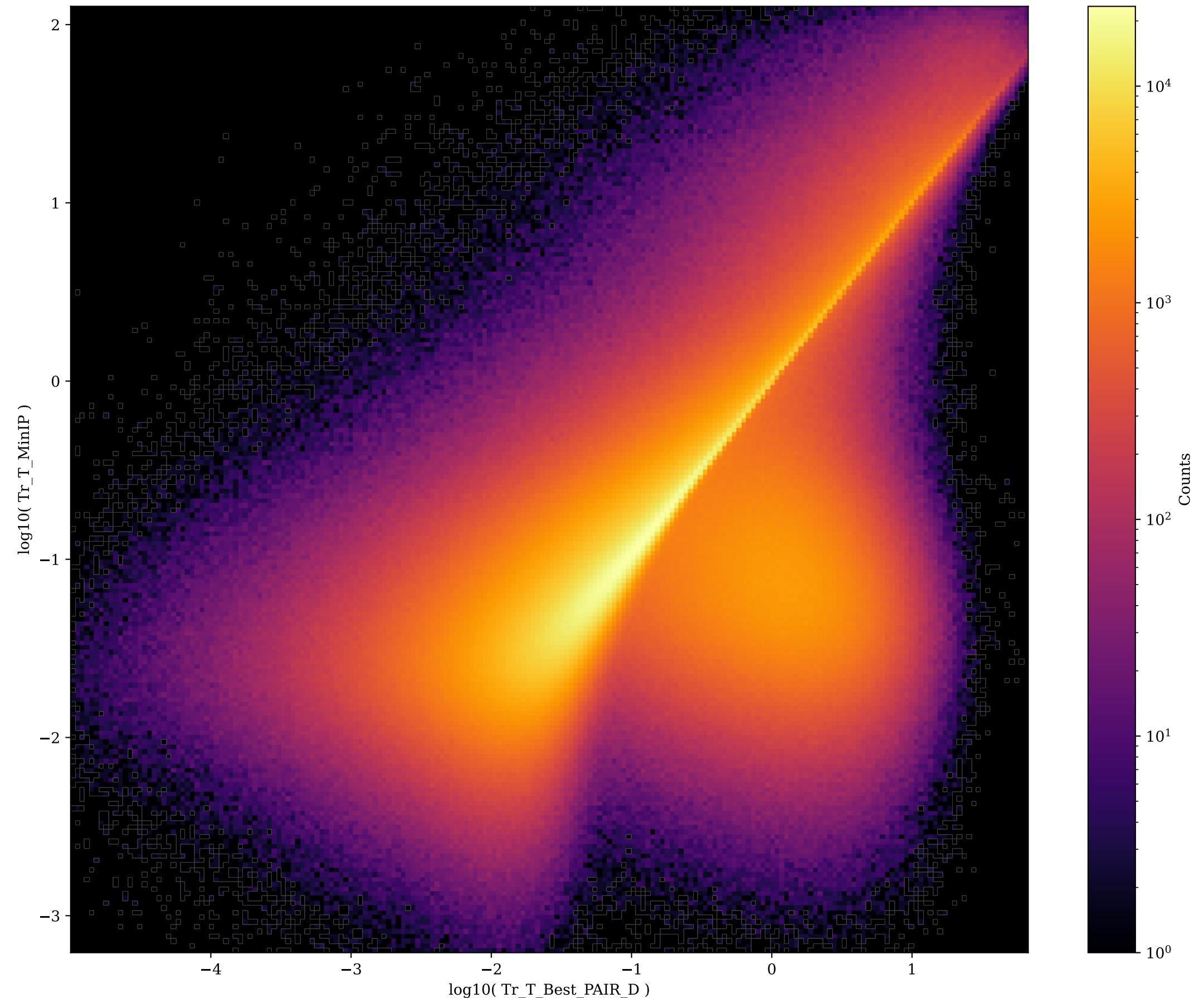
Hist2d Plot ('Tr_T_BPVIP' vs 'Tr_T_Best_PAIR_D')
correlation: 0.72014



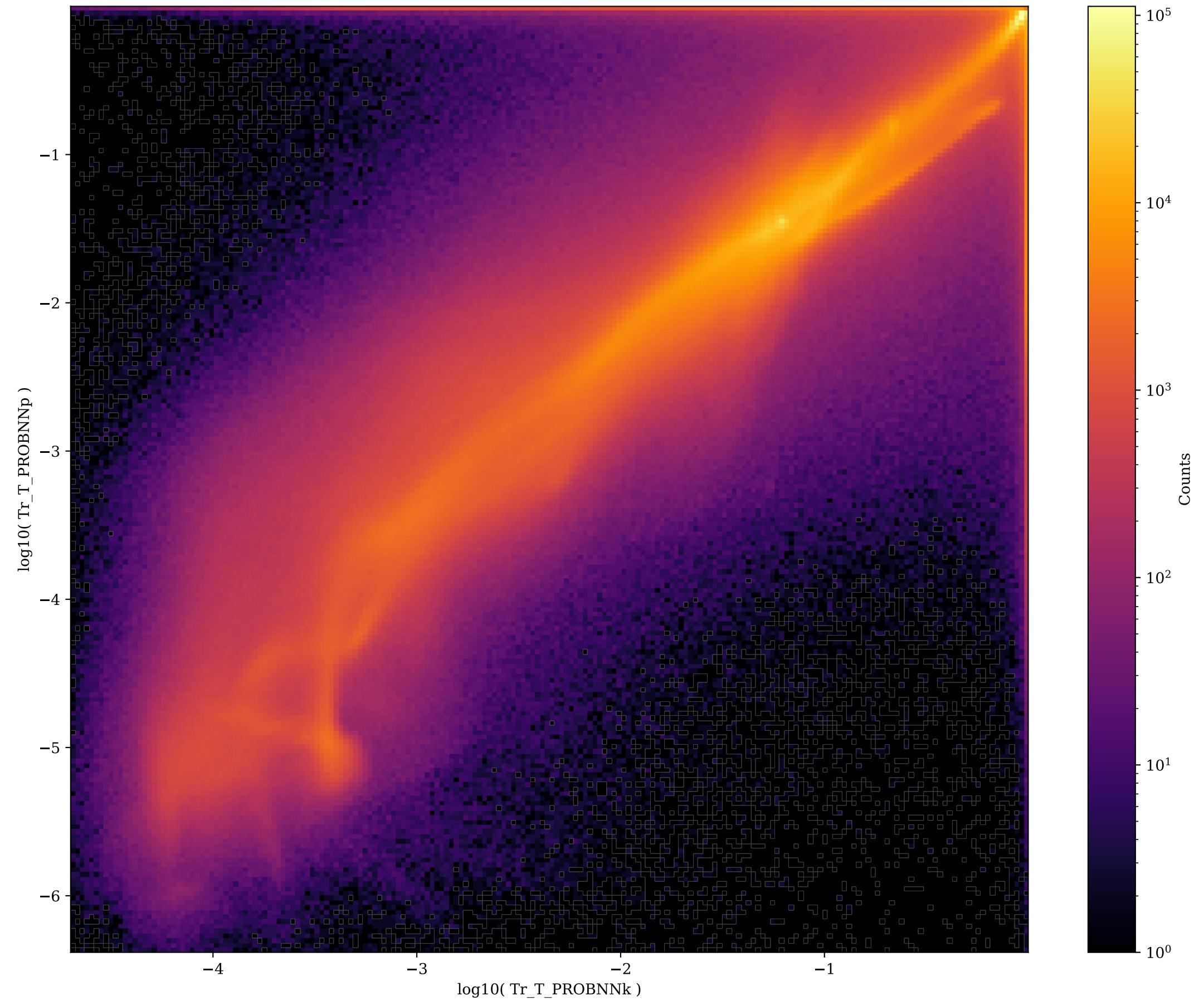
Hist2d Plot ('Tr_T_IP_trMother' vs 'Tr_T_MinIP')
correlation: 0.71971



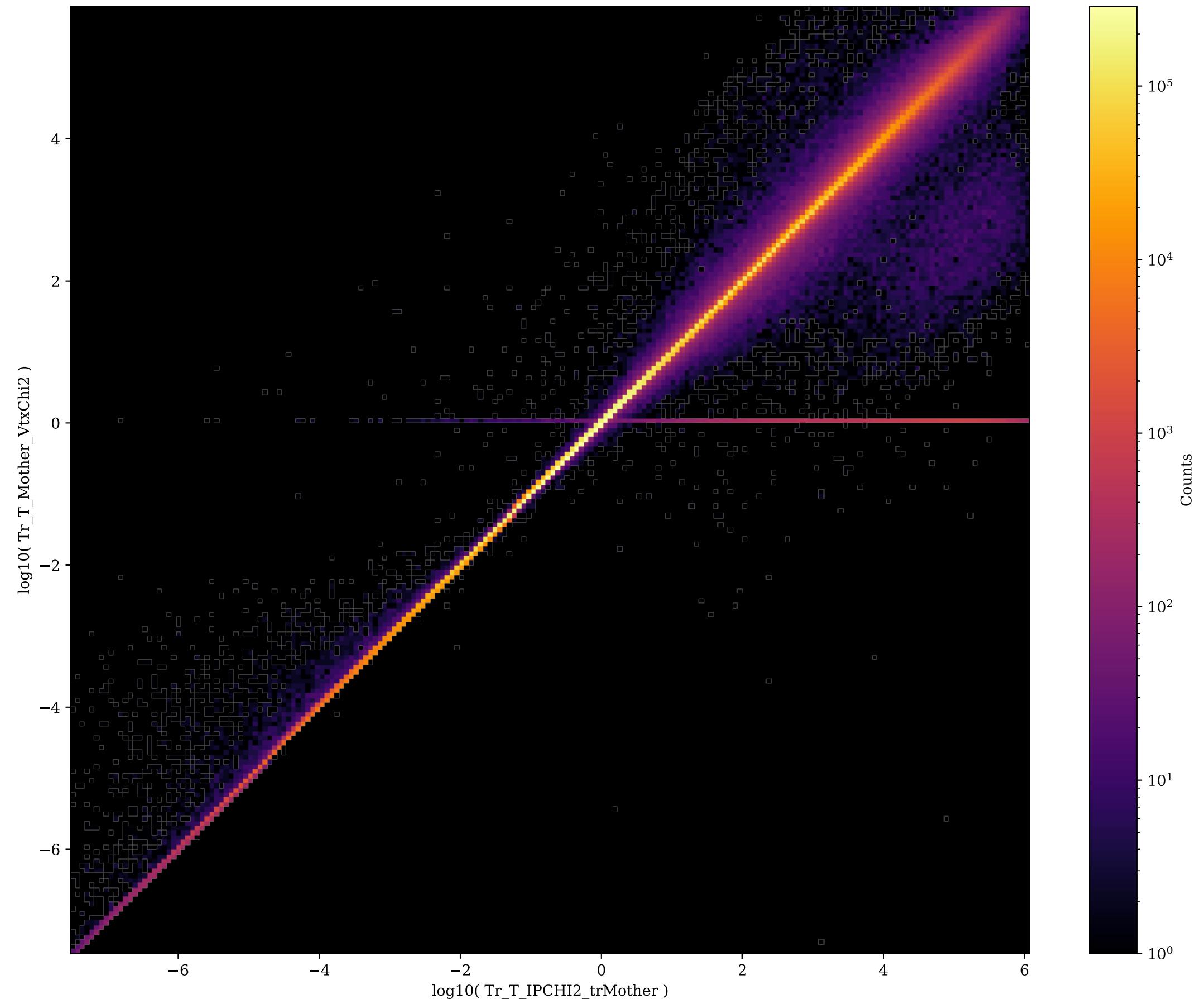
Hist2d Plot ('Tr_T_Best_PAIR_D' vs 'Tr_T_MinIP')
correlation: 0.71971



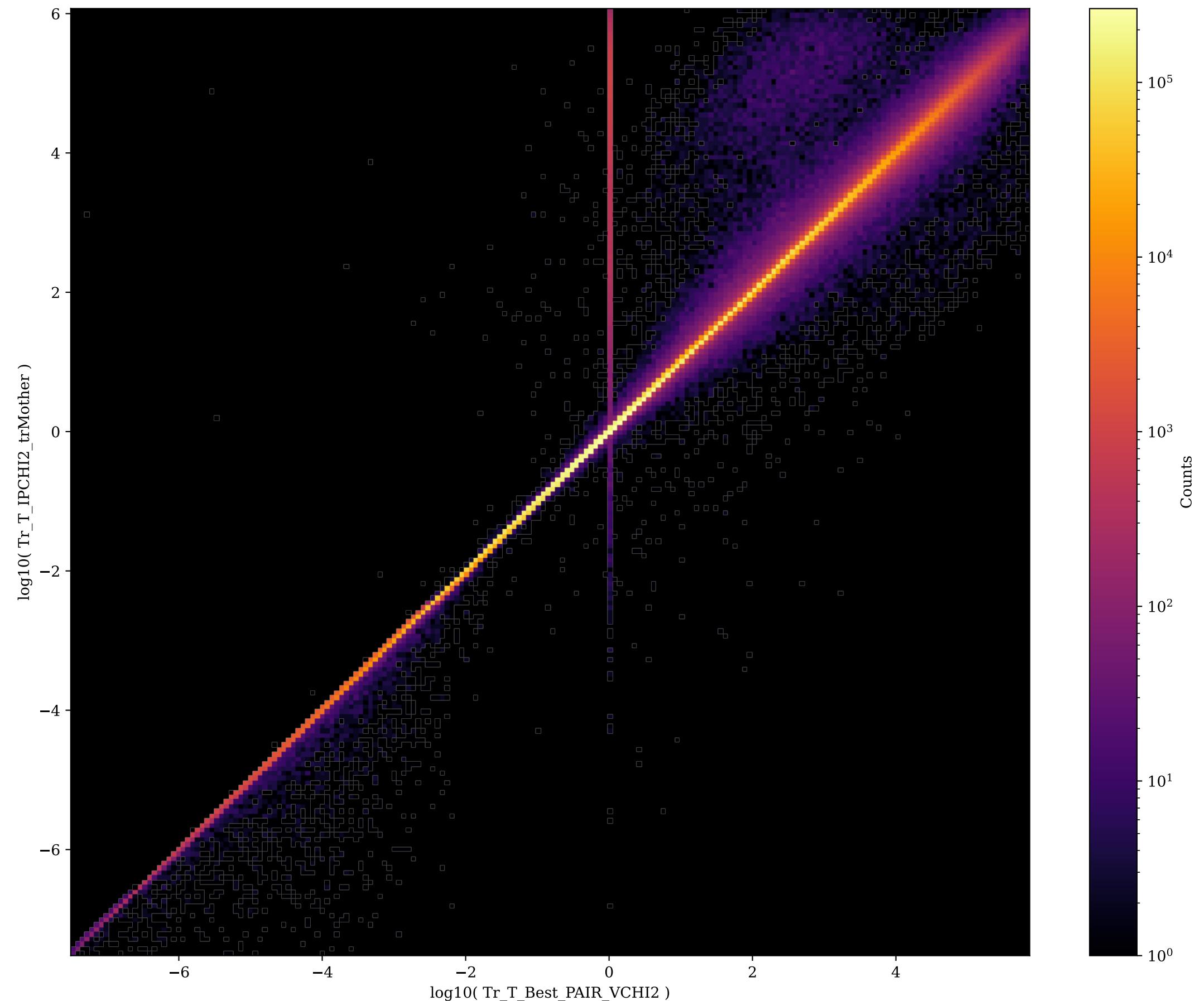
Hist2d Plot ('Tr_T_PROBNNk' vs 'Tr_T_PROBNNp')
correlation: 0.71357



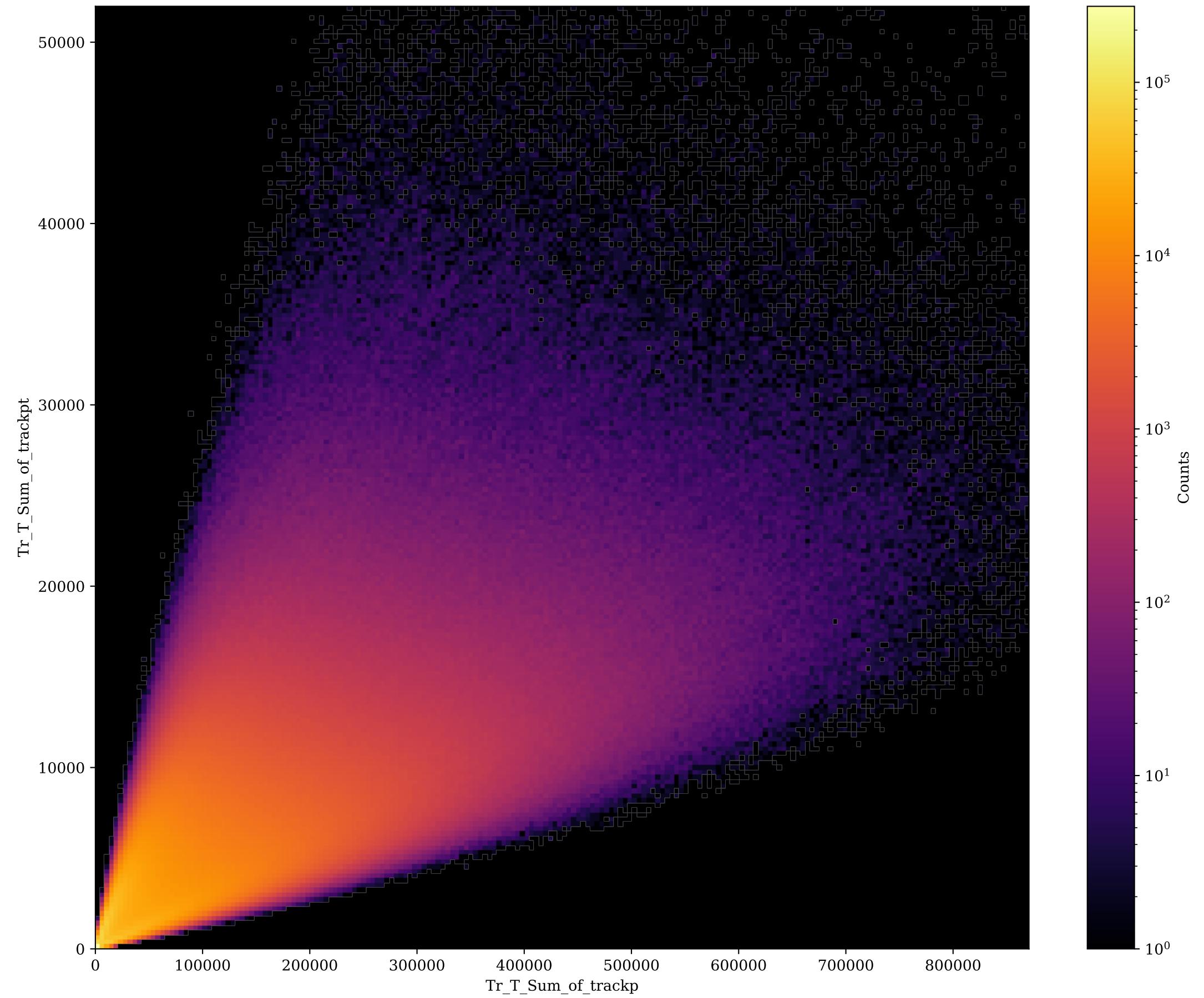
Hist2d Plot ('Tr_T_IPCHI2_trMother' vs 'Tr_T_Mother_VtxChi2')
correlation: 0.69760



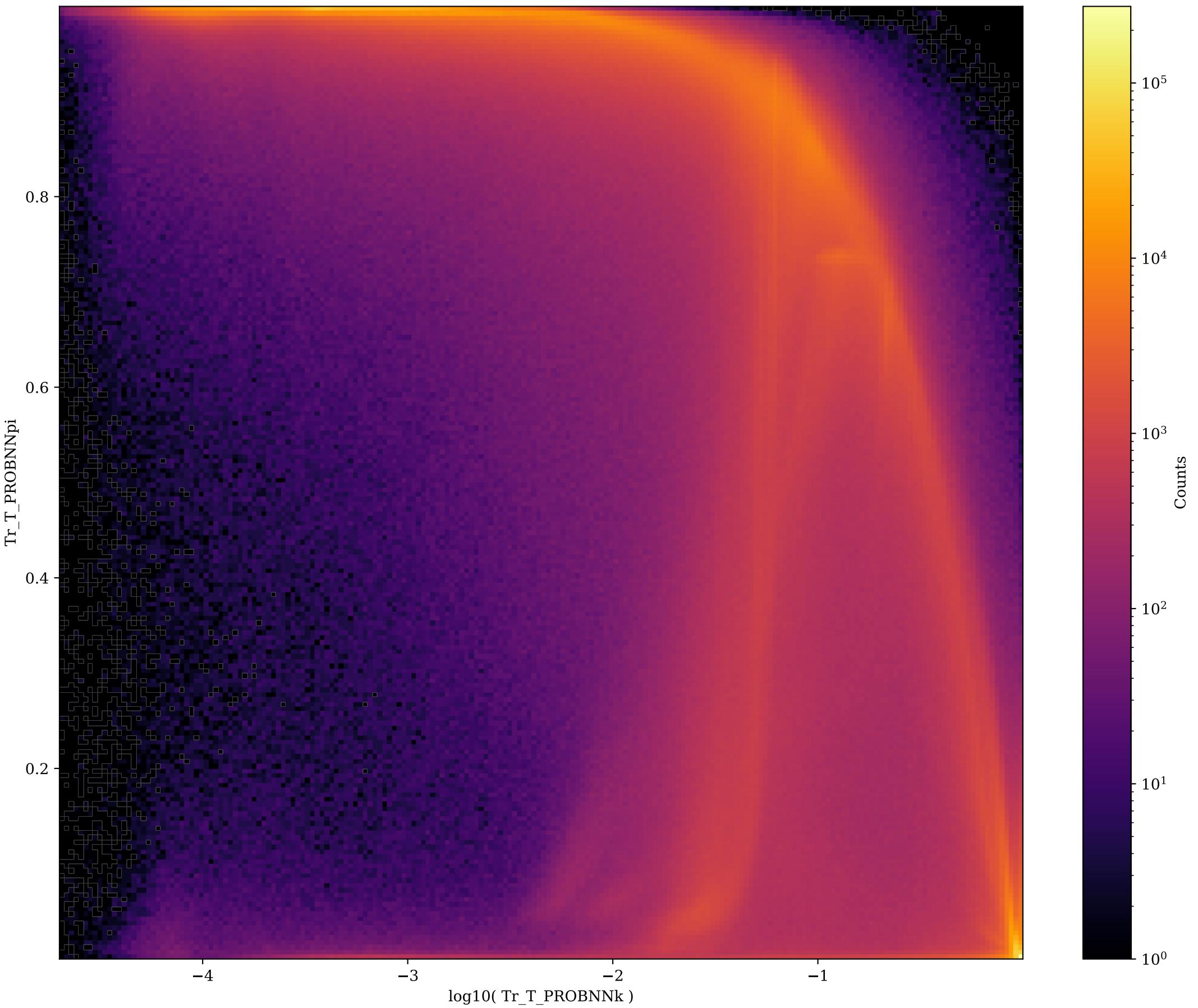
Hist2d Plot ('Tr_T_Best_PAIR_VCHI2' vs 'Tr_T_IPCHI2_trMother')
correlation: 0.69760



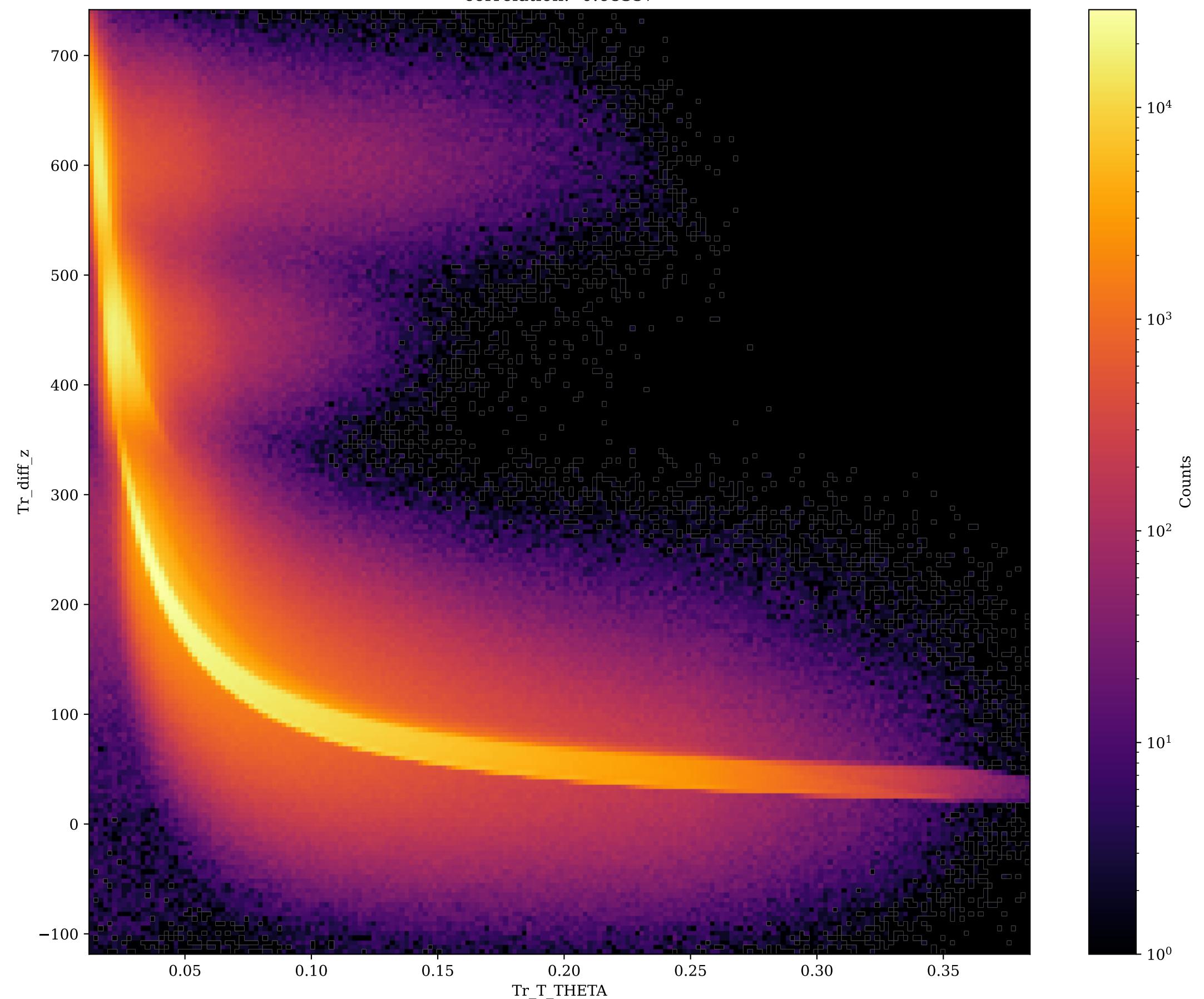
Hist2d Plot ('Tr_T_Sum_of_trackp' vs 'Tr_T_Sum_of_trackpt')
correlation: 0.68978



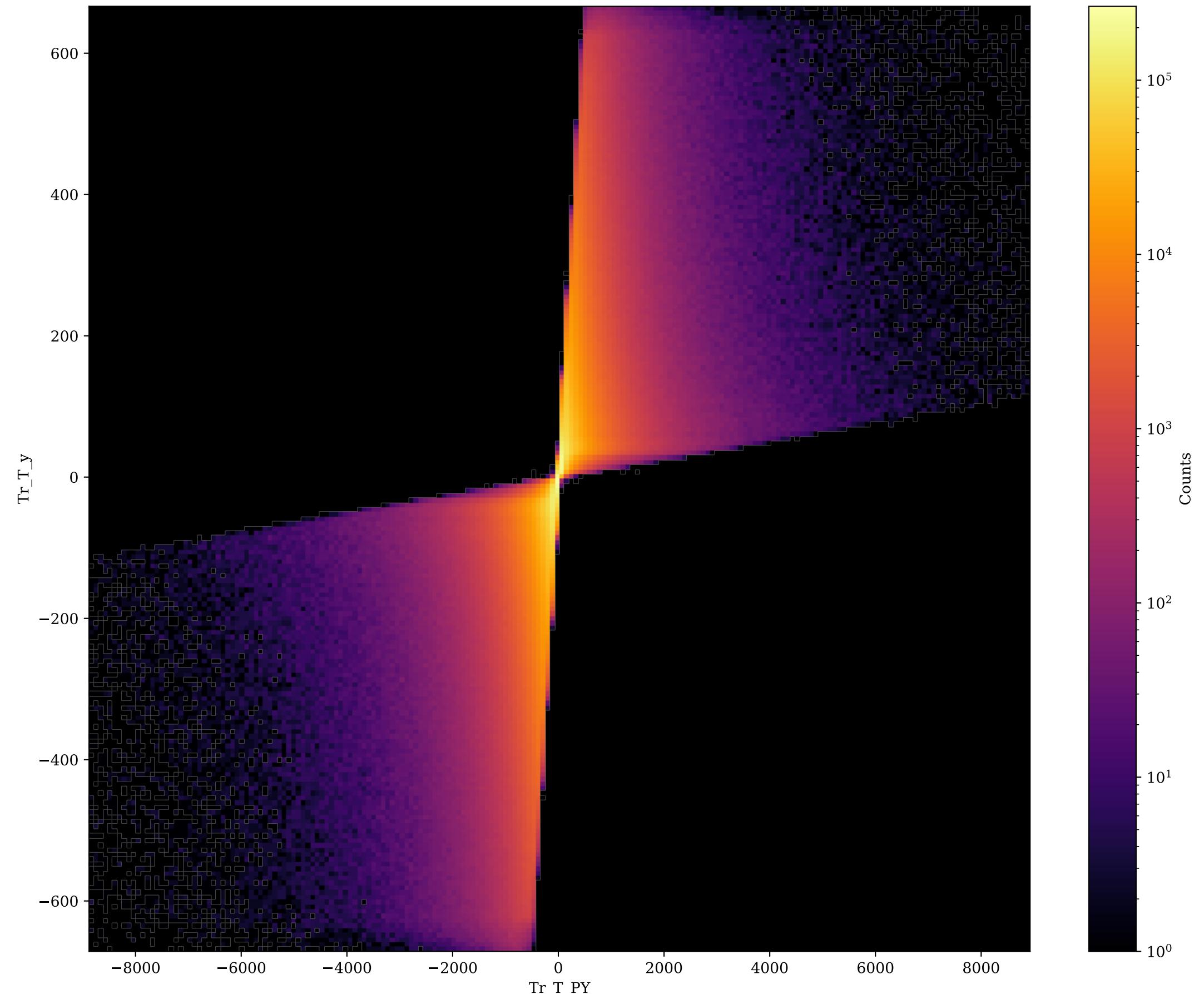
Hist2d Plot ('Tr_T_PROBNNk' vs 'Tr_T_PROBNNpi')
correlation: -0.68503



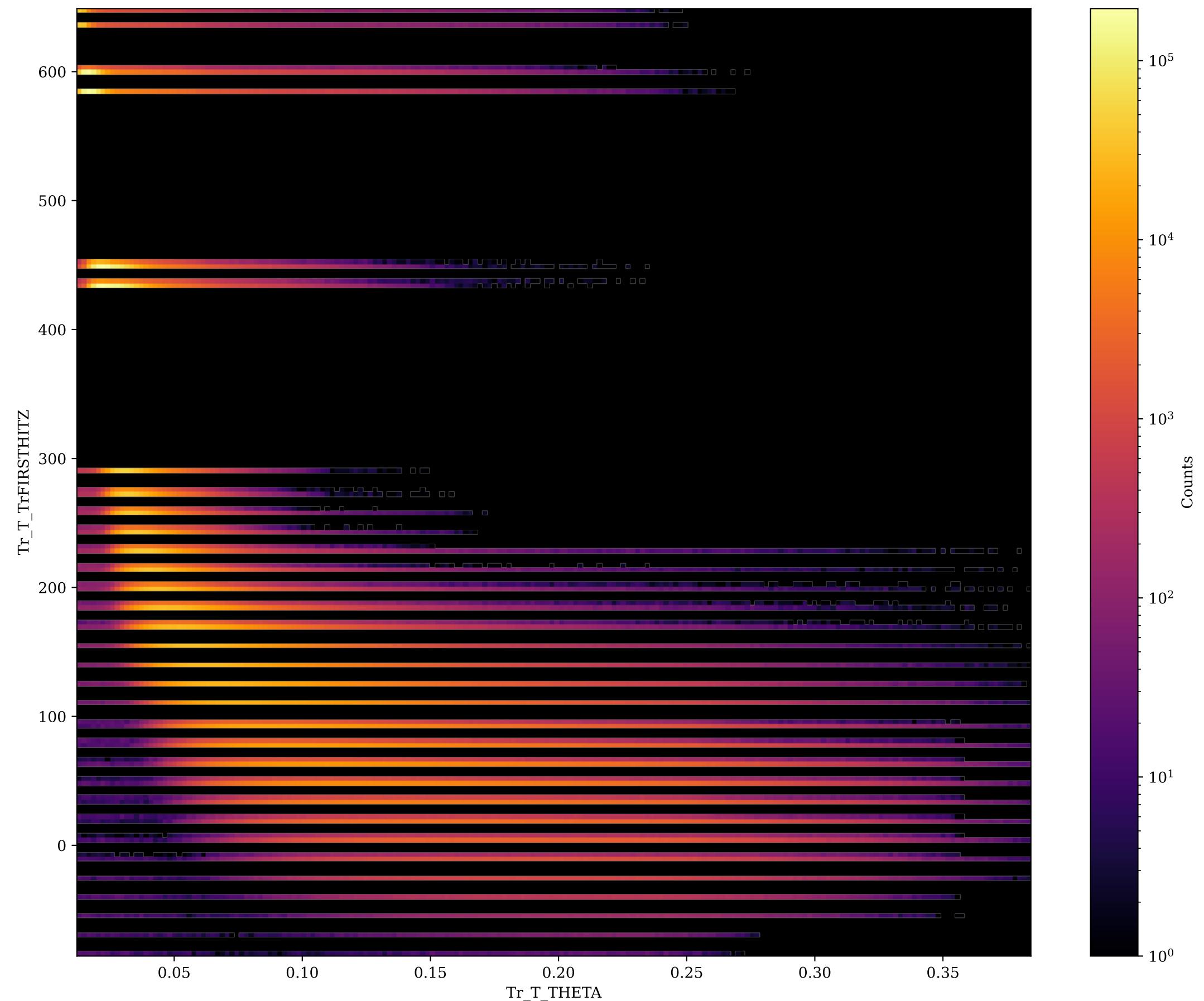
Hist2d Plot ('Tr_T_THETA' vs 'Tr_diff_z')
correlation: -0.68357



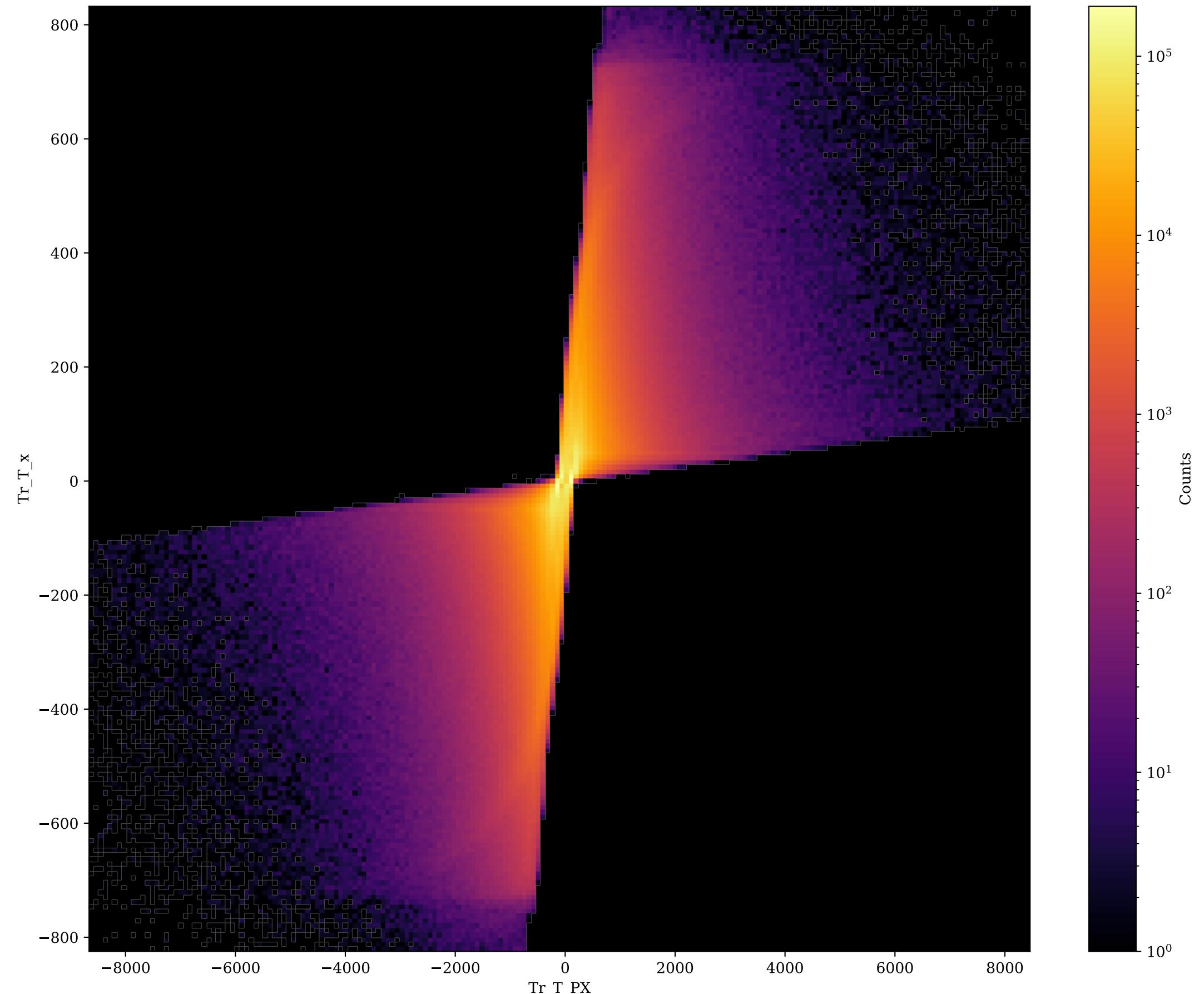
Hist2d Plot ('Tr_T_PY' vs 'Tr_T_y')
correlation: 0.67815



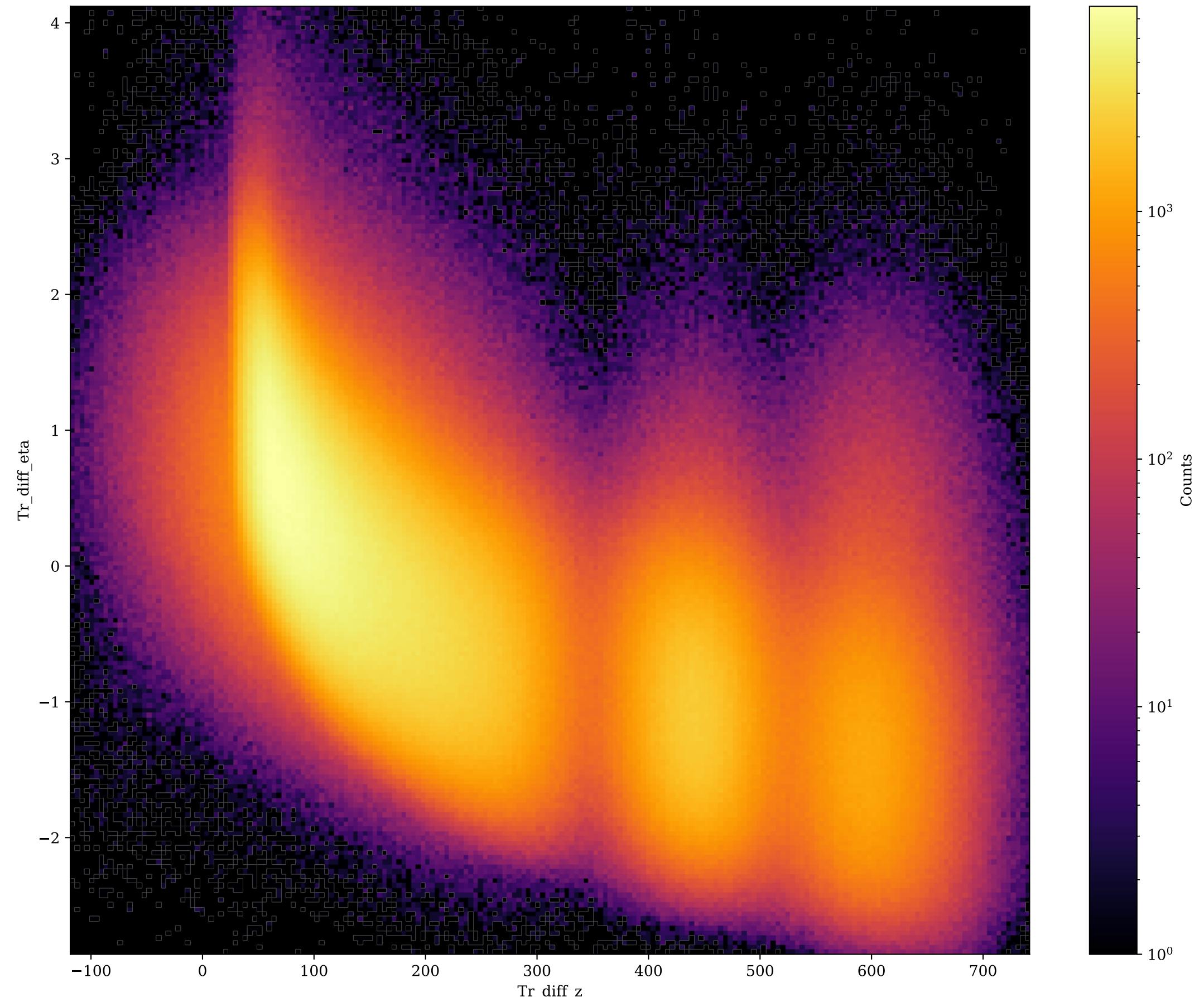
Hist2d Plot ('Tr_T_THETA' vs 'Tr_T_TrFIRSTHITZ')
correlation: -0.67419



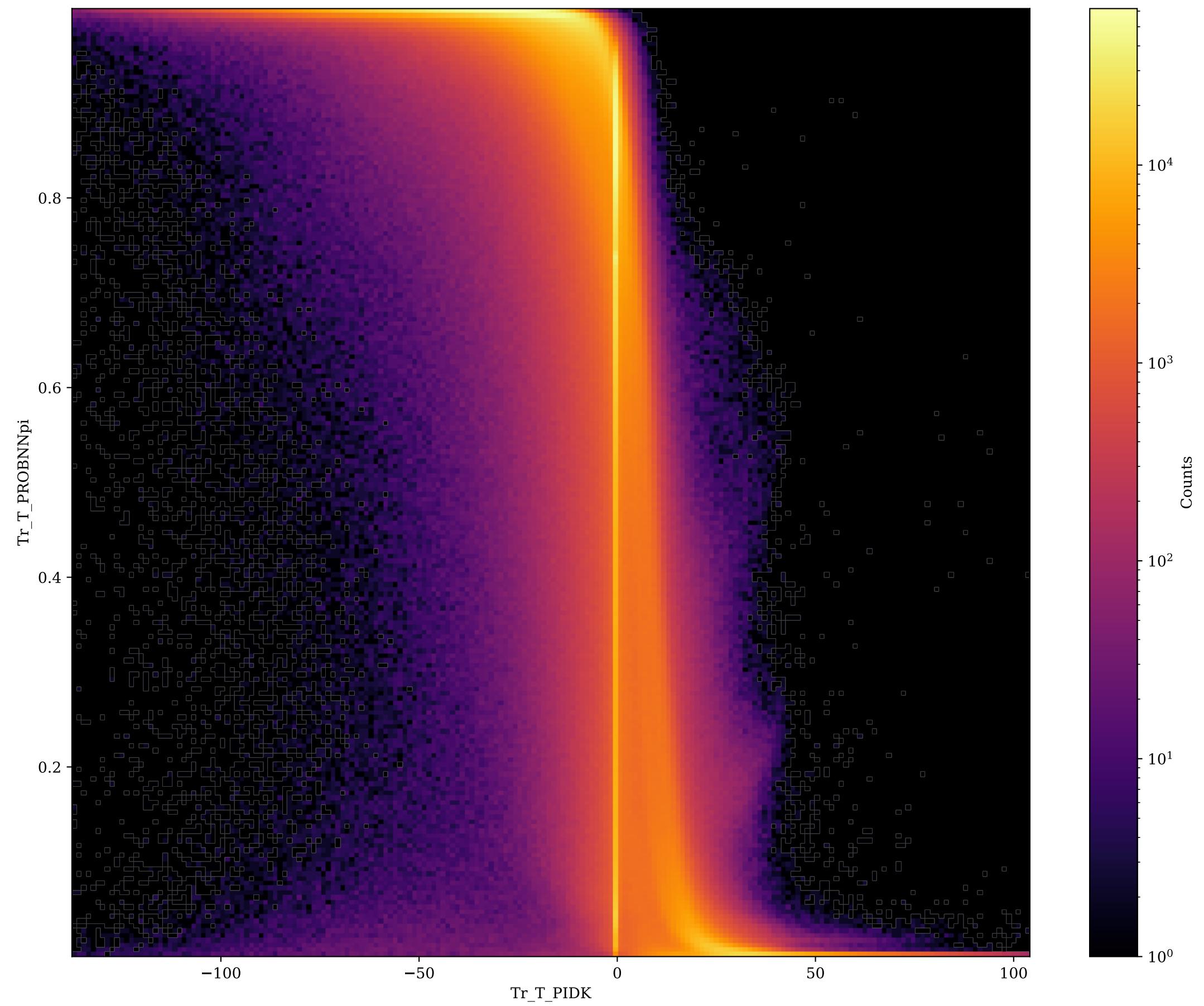
Hist2d Plot ('Tr_T_PX' vs 'Tr_T_x')
correlation: 0.67386



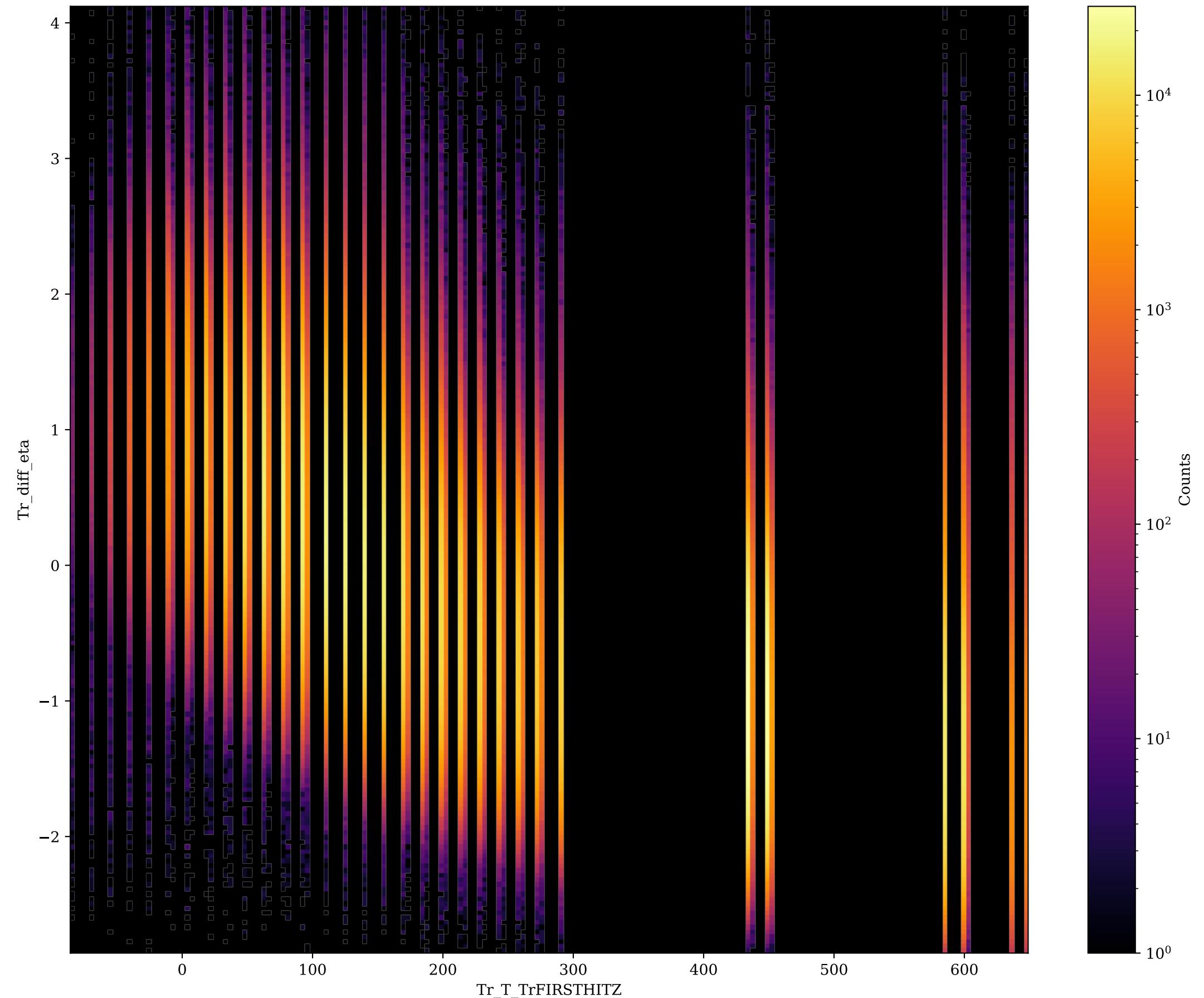
Hist2d Plot ('Tr_diff_z' vs 'Tr_diff_eta')
correlation: -0.65682



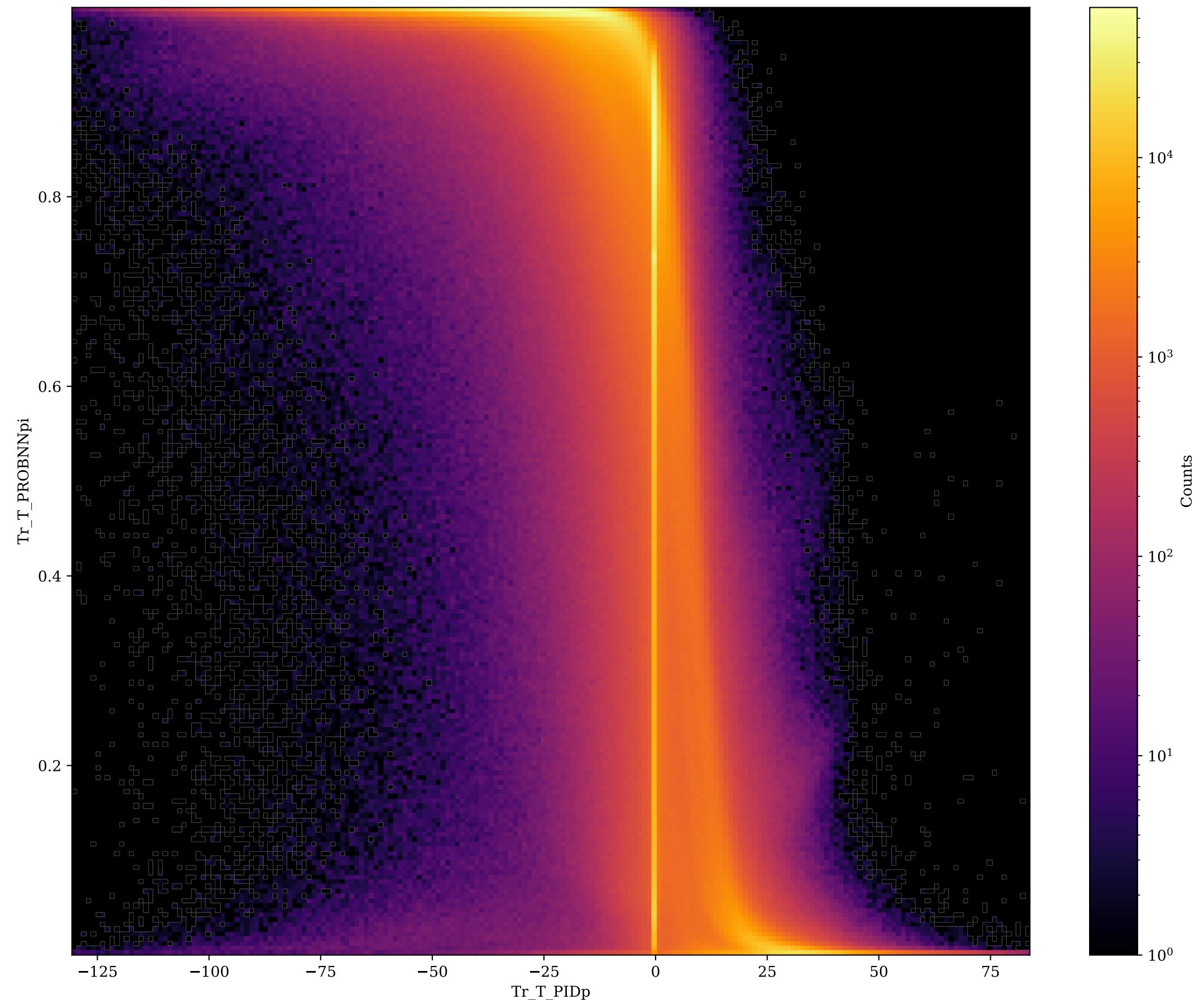
Hist2d Plot ('Tr_T_PIDK' vs 'Tr_T_PROBNNpi')
correlation: -0.65604



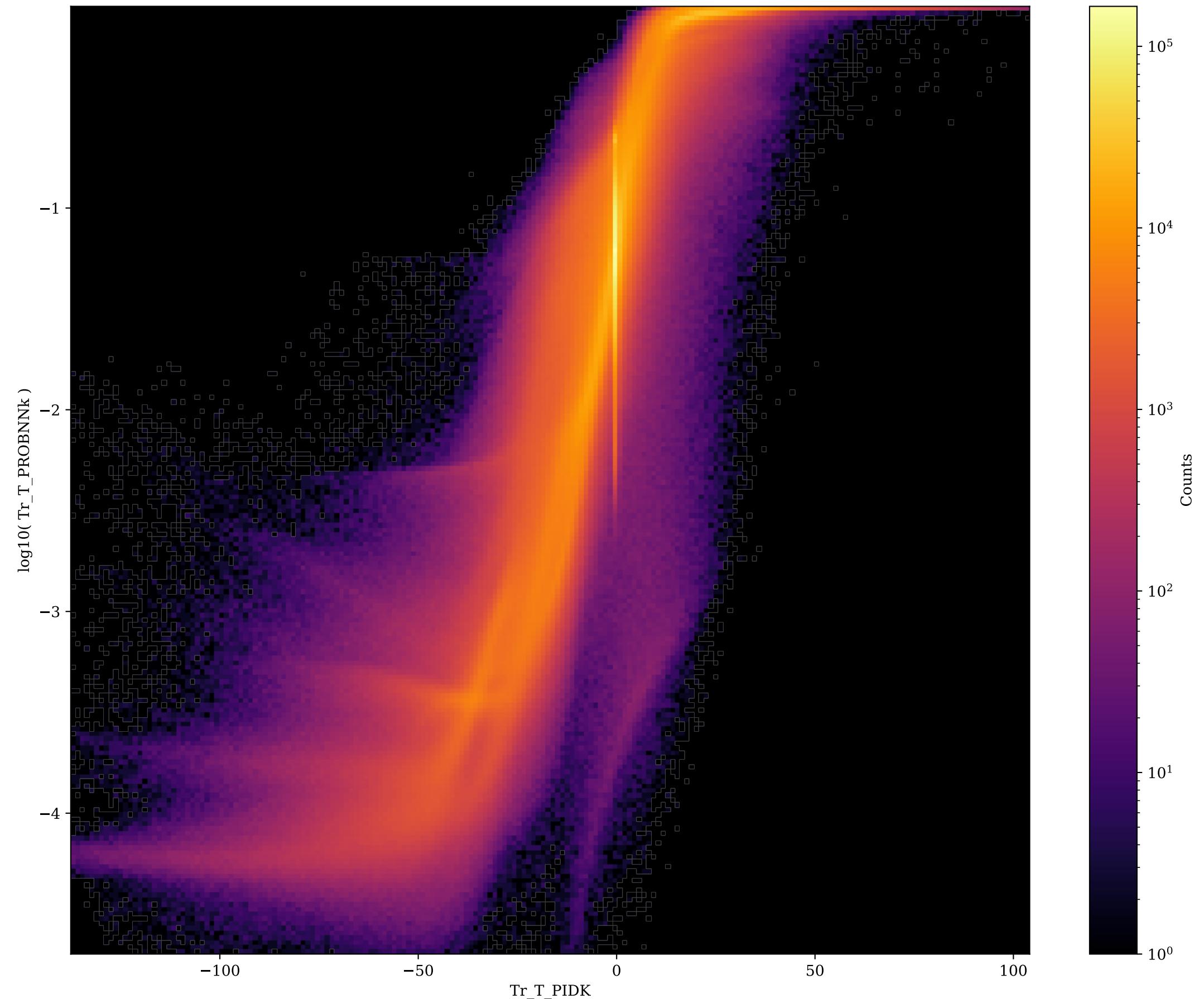
Hist2d Plot ('Tr_T_TrFIRSTHITZ' vs 'Tr_diff_eta')
correlation: -0.65145



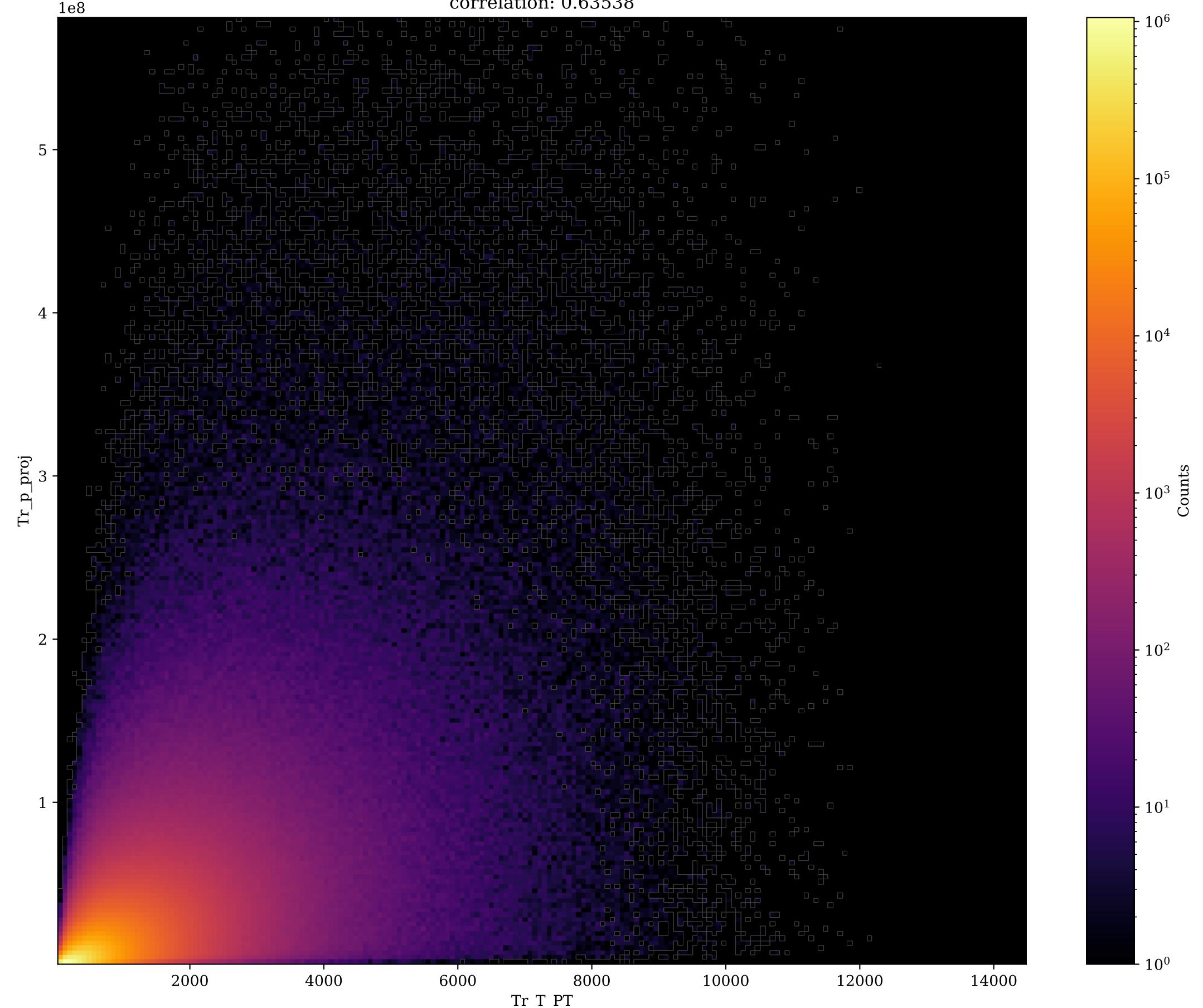
Hist2d Plot ('Tr_T_PIDp' vs 'Tr_T_PROBNNpi')
correlation: -0.65003



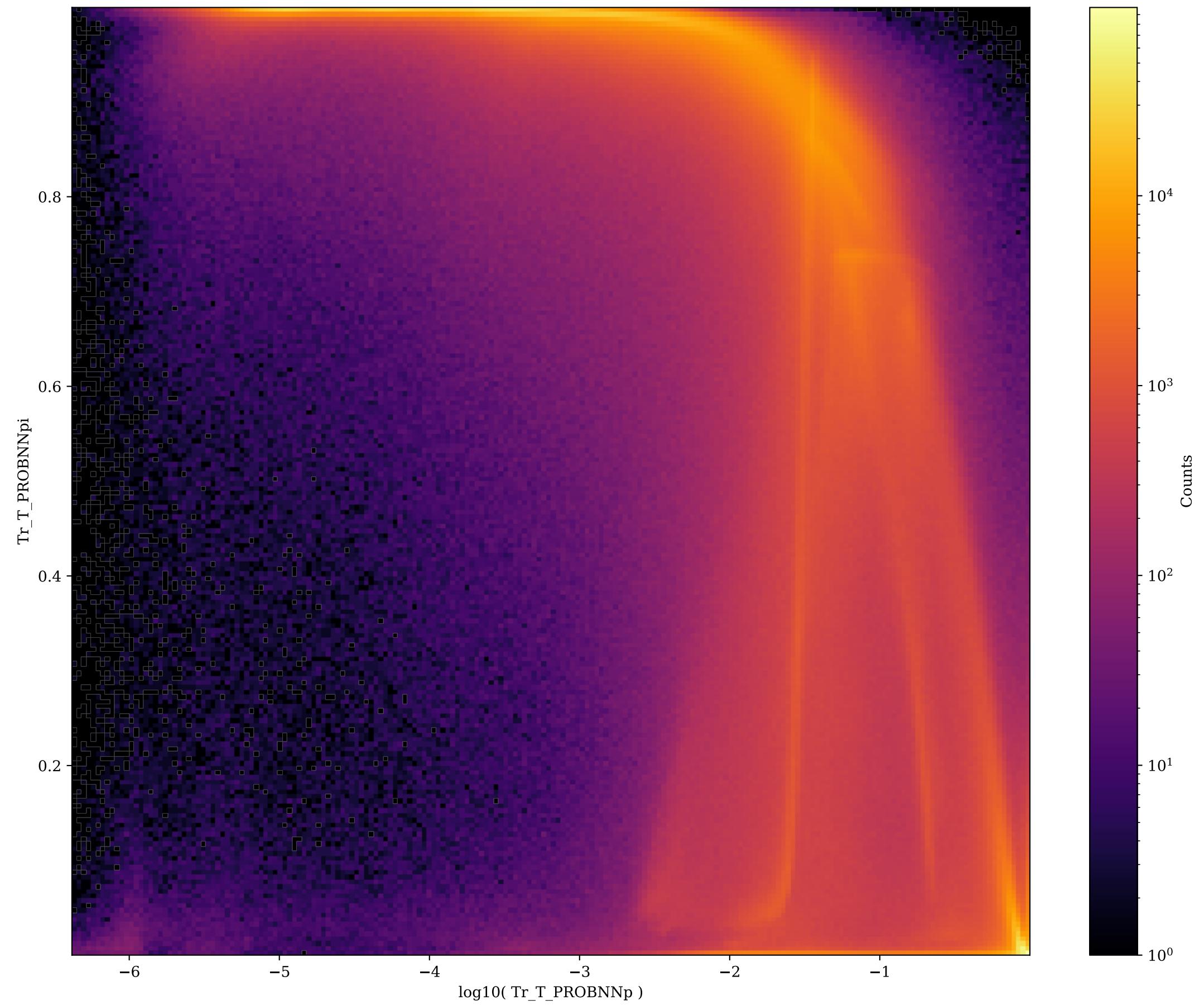
Hist2d Plot ('Tr_T_PIDK' vs 'Tr_T_PROBNNk')
correlation: 0.64068



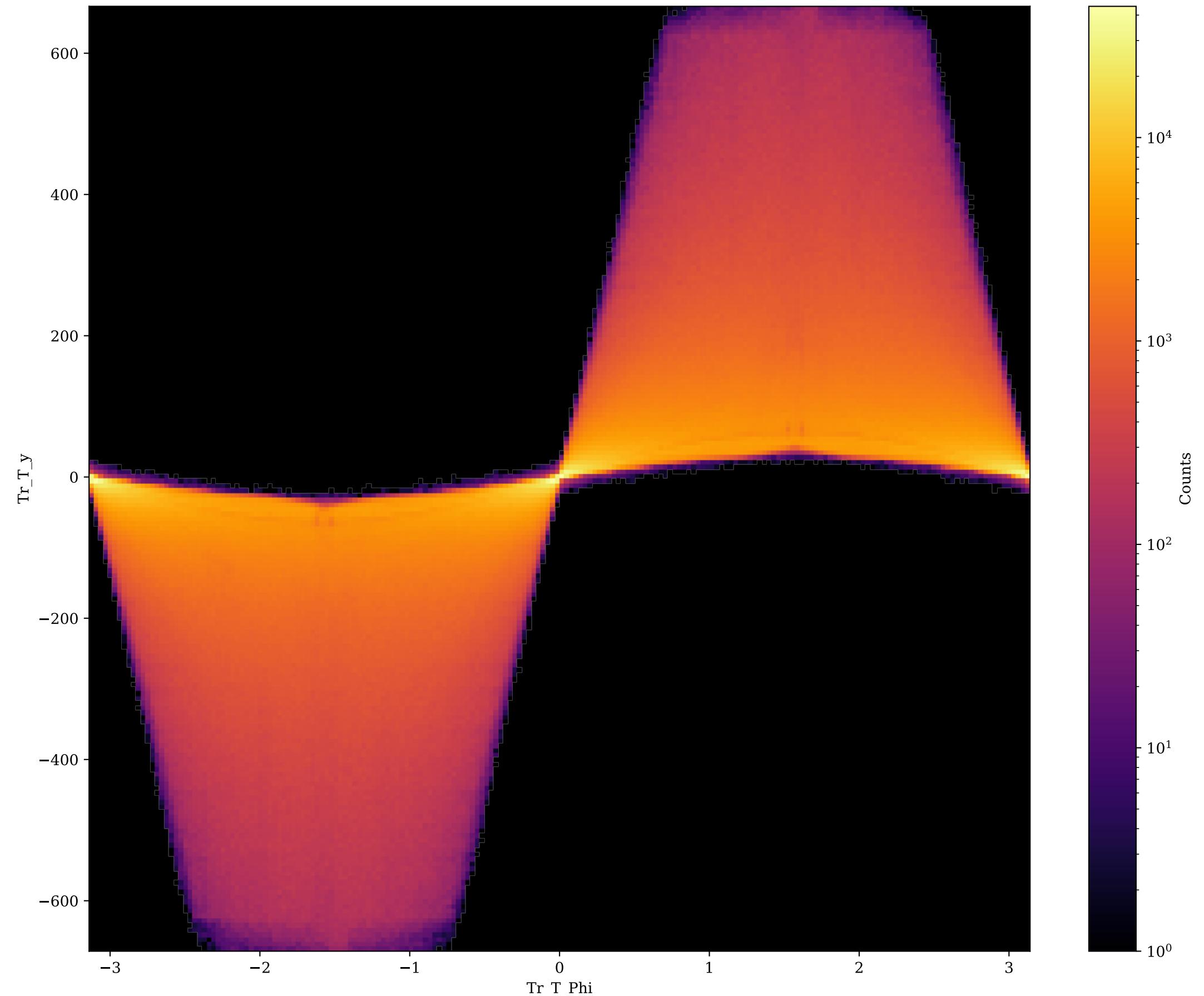
Hist2d Plot ('Tr_T_PT' vs 'Tr_p_proj')
correlation: 0.63538



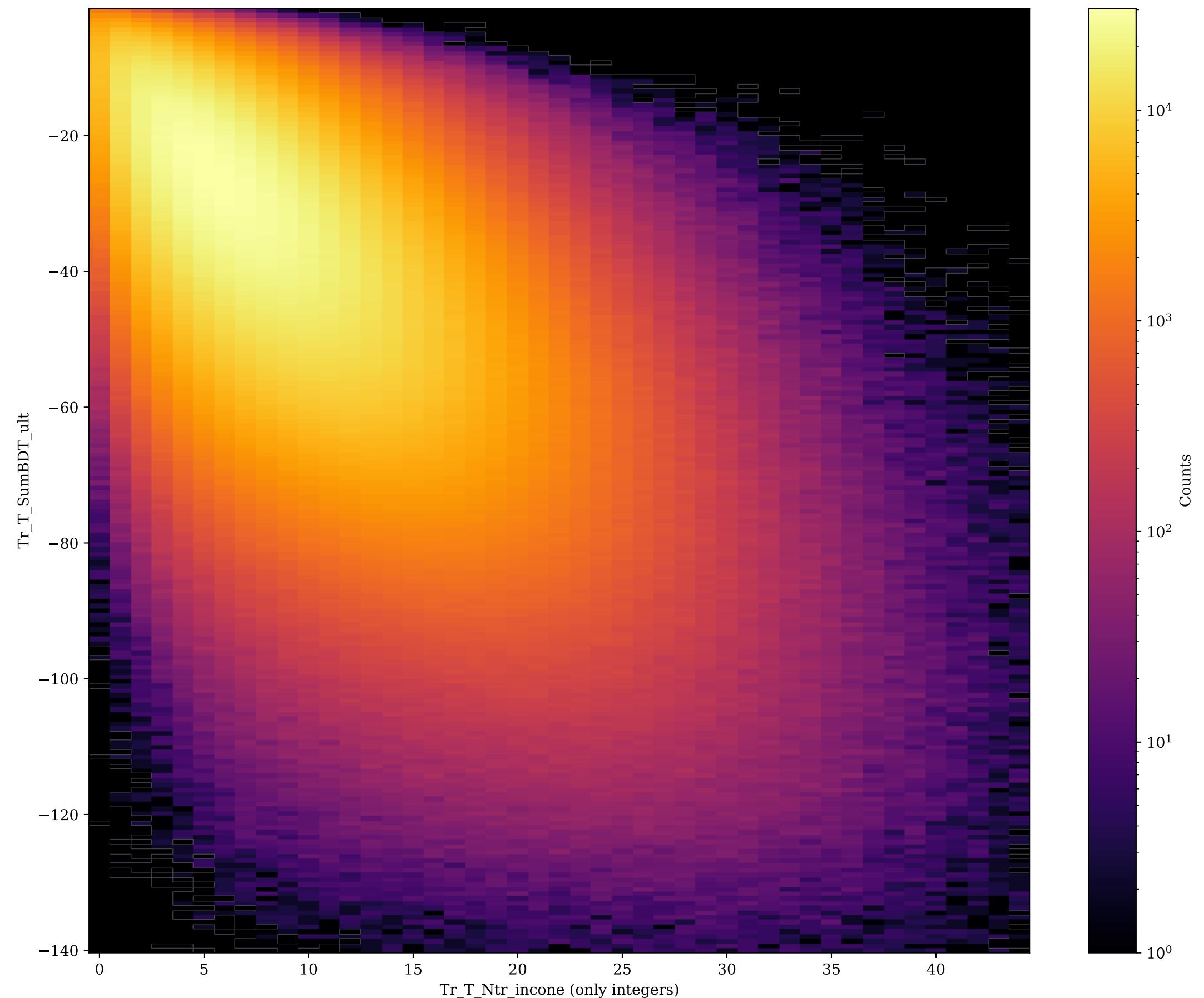
Hist2d Plot ('Tr_T_PROBNNp' vs 'Tr_T_PROBNNpi')
correlation: -0.63366



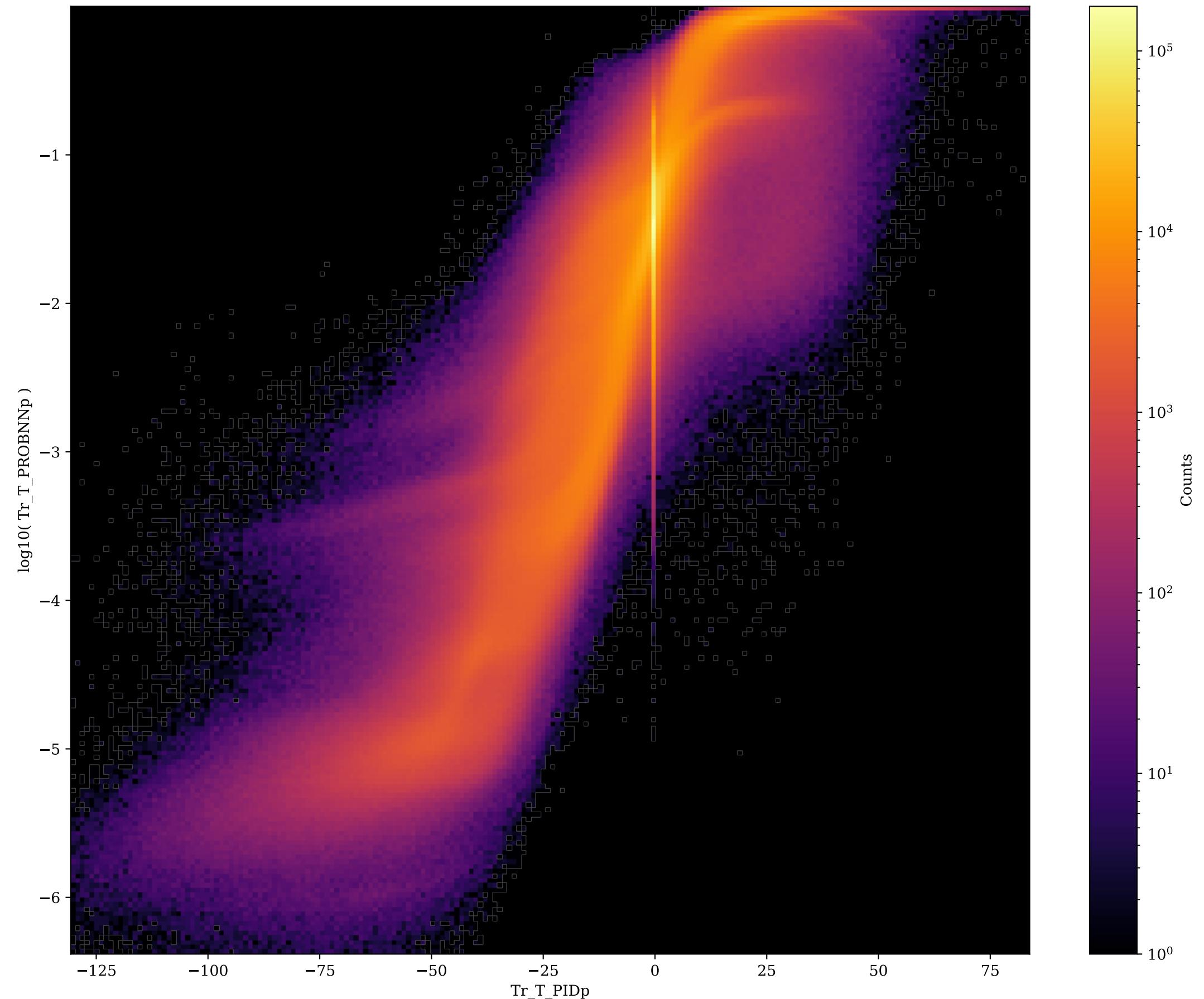
Hist2d Plot ('Tr_T_Phi' vs 'Tr_T_y')
correlation: 0.61776



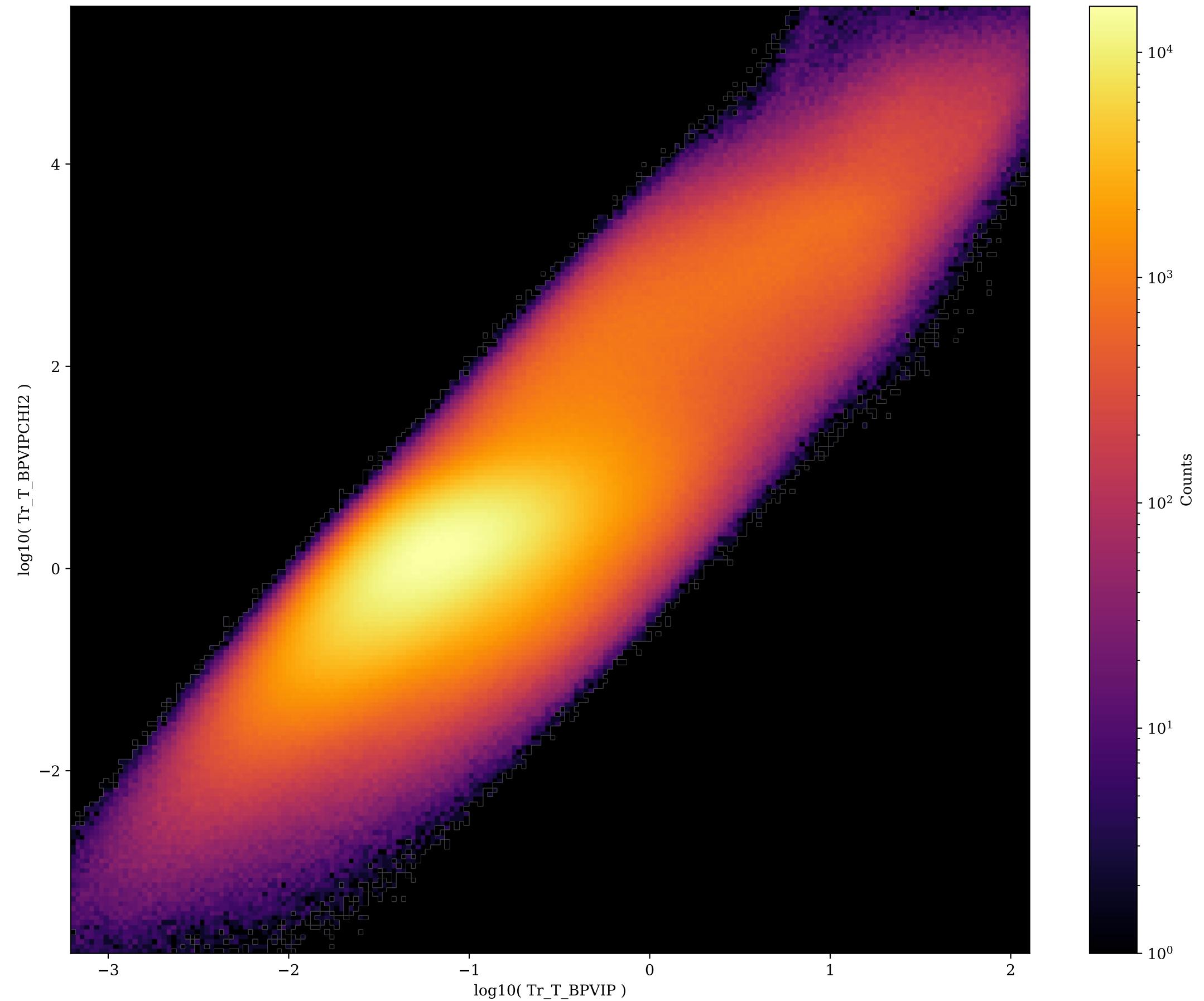
Hist2d Plot ('Tr_T_Ntr_incone' vs 'Tr_T_SumBDT_ult')
correlation: -0.59944



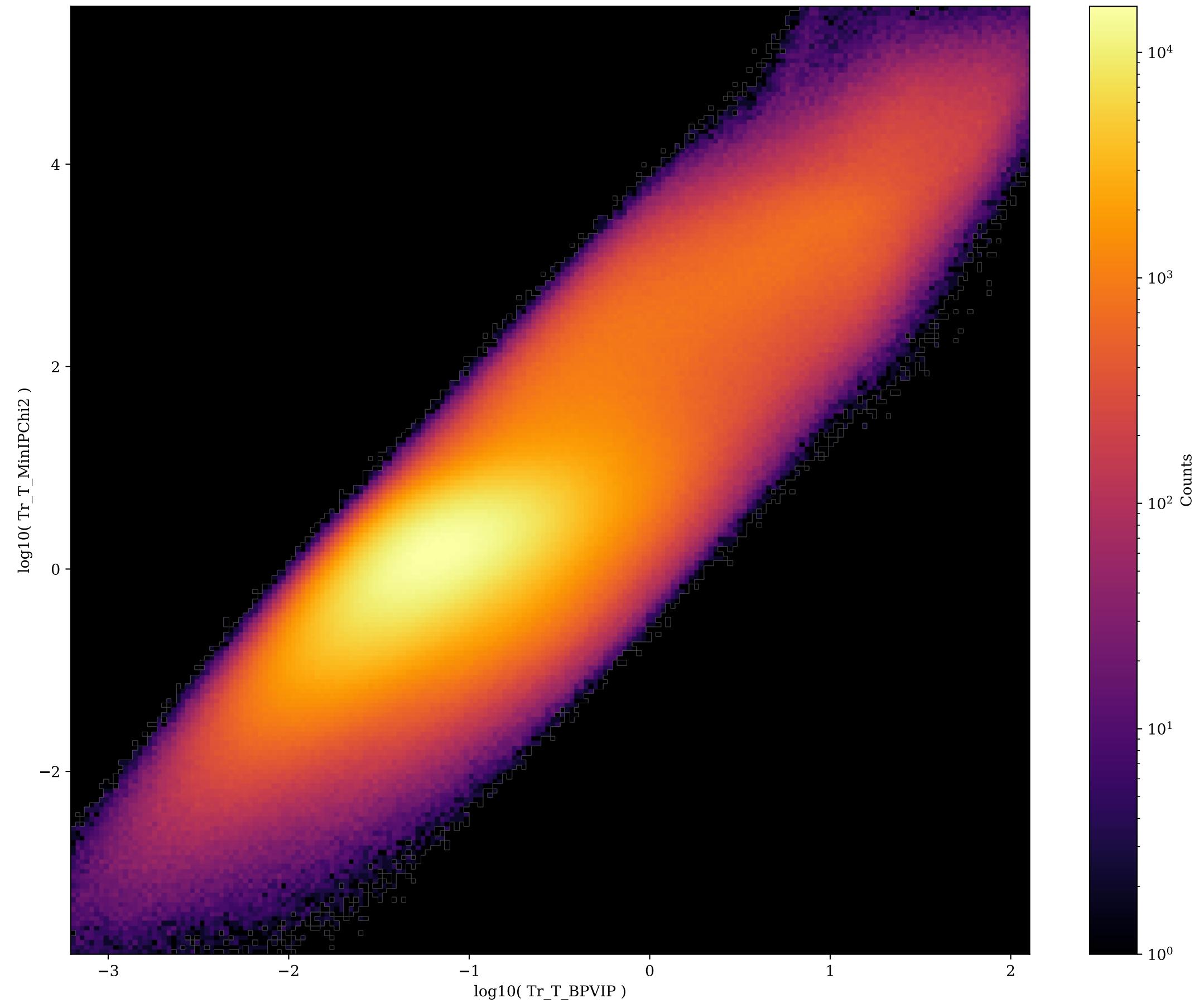
Hist2d Plot ('Tr_T_PIDp' vs 'Tr_T_PROBNNp')
correlation: 0.58841



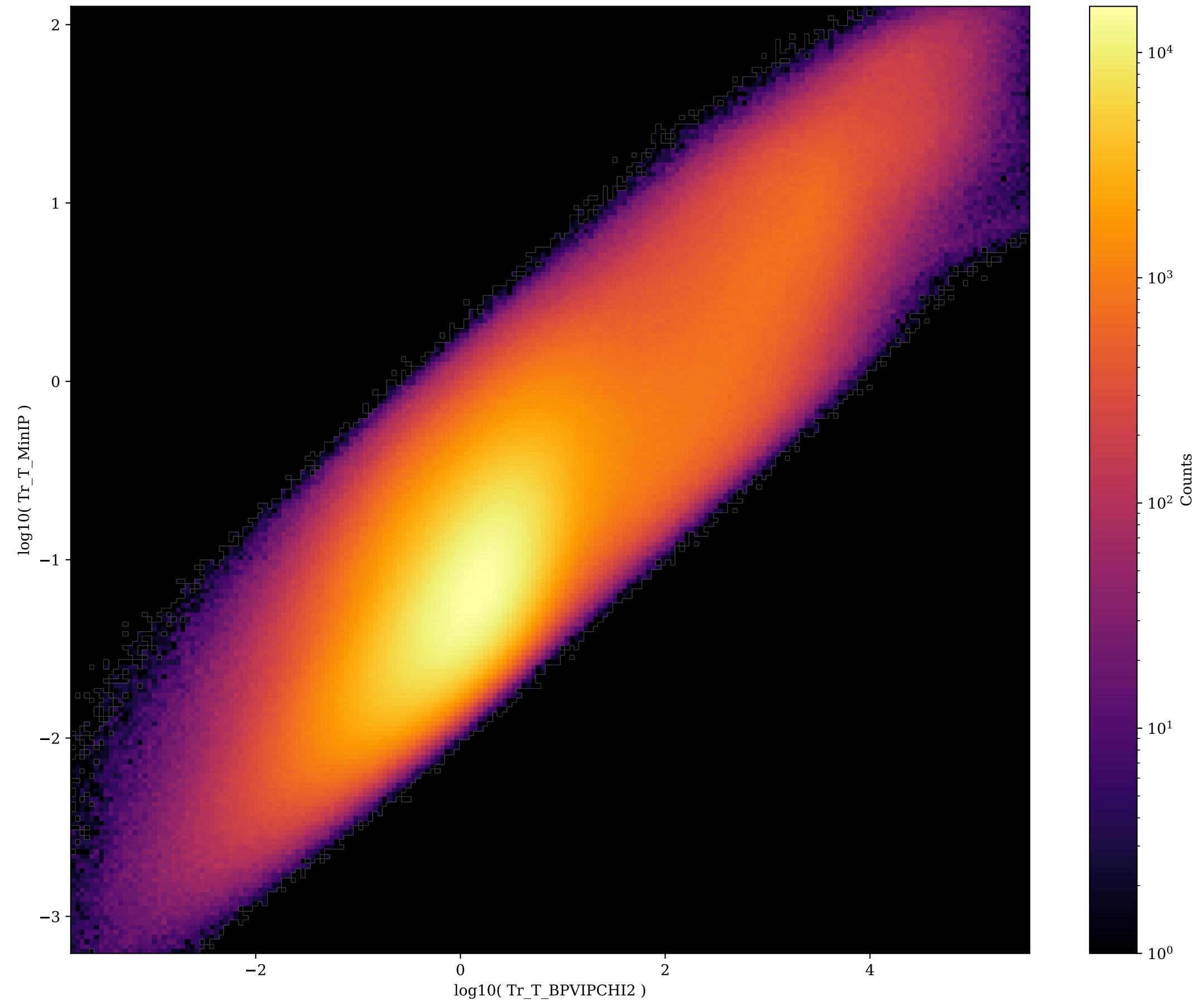
Hist2d Plot ('Tr_T_BPVIP' vs 'Tr_T_BPCHIPHI2')
correlation: 0.58325



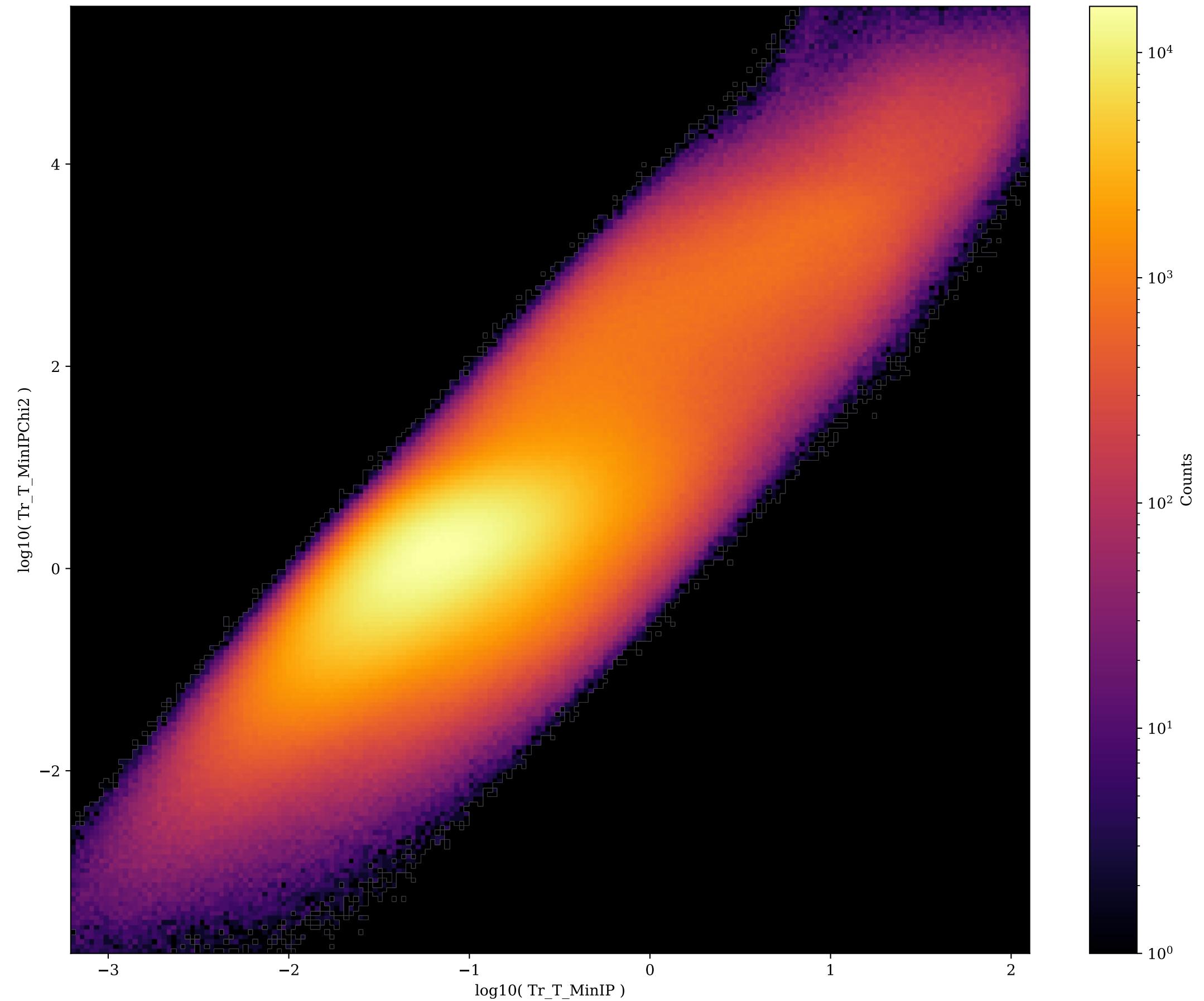
Hist2d Plot ('Tr_T_BPVIP' vs 'Tr_T_MinIPChi2')
correlation: 0.58325



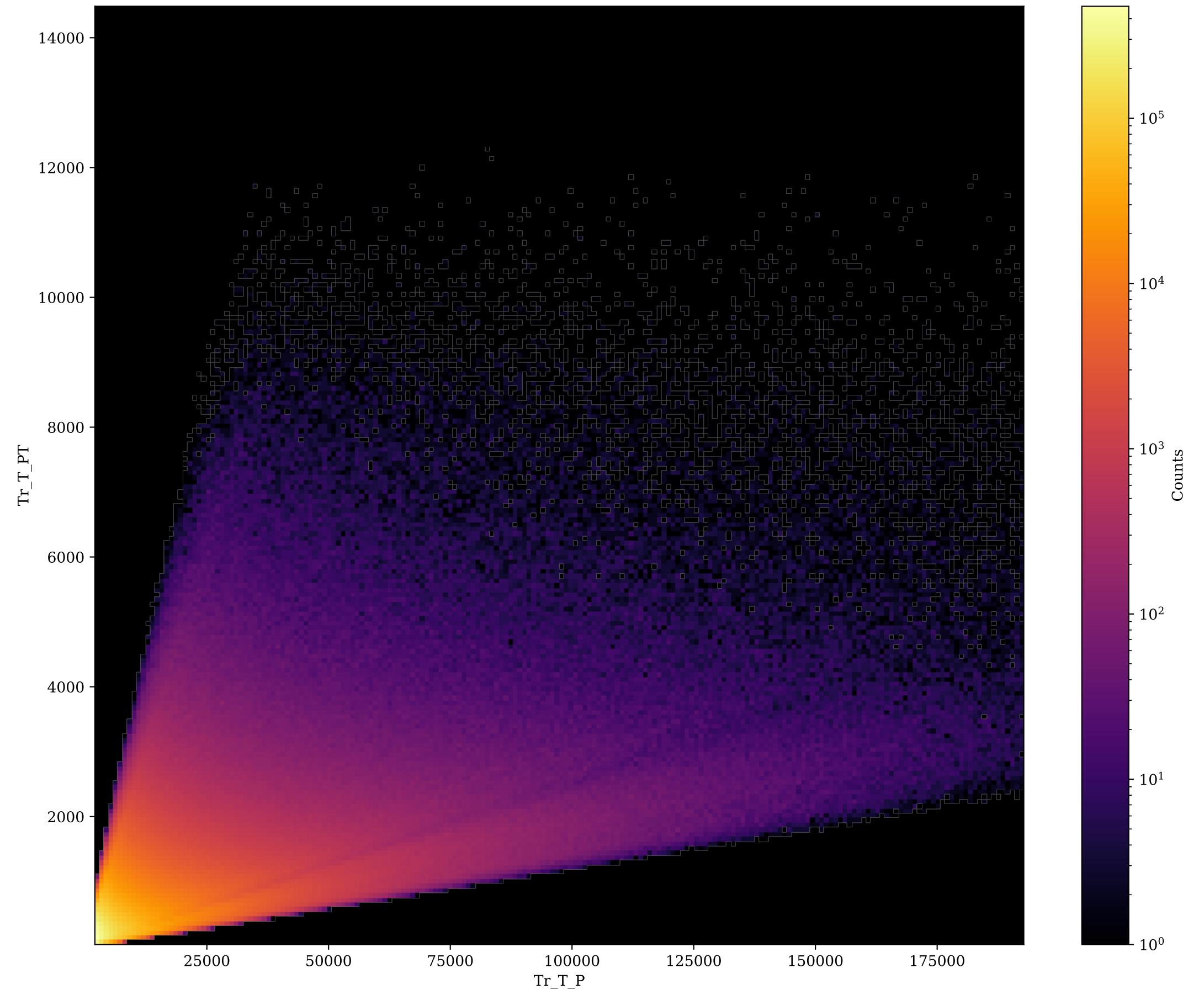
Hist2d Plot ('Tr_T_BPCHIPCHI2' vs 'Tr_T_MinIP')
correlation: 0.58140



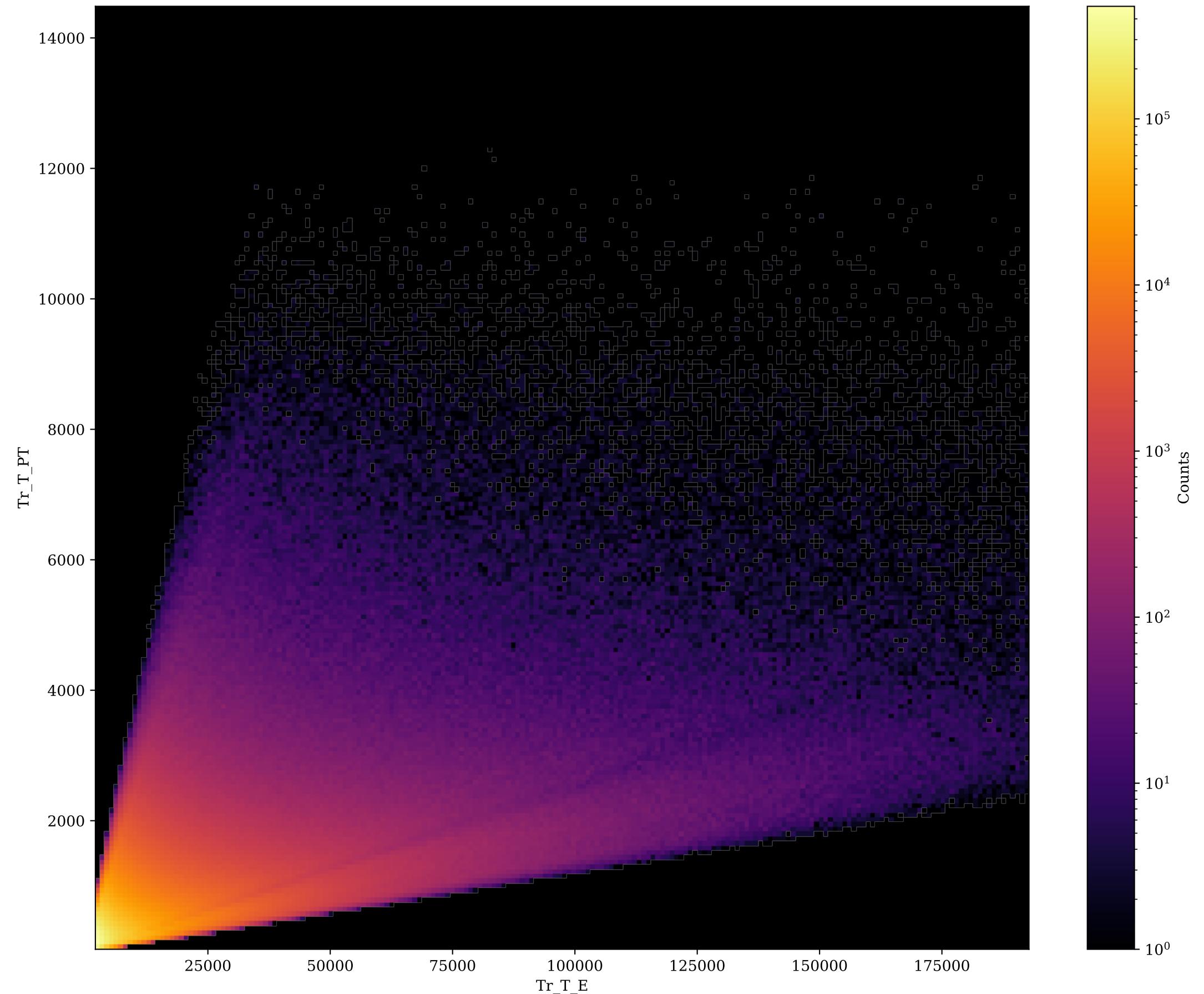
Hist2d Plot ('Tr_T_MinIP' vs 'Tr_T_MinIPChi2')
correlation: 0.58140



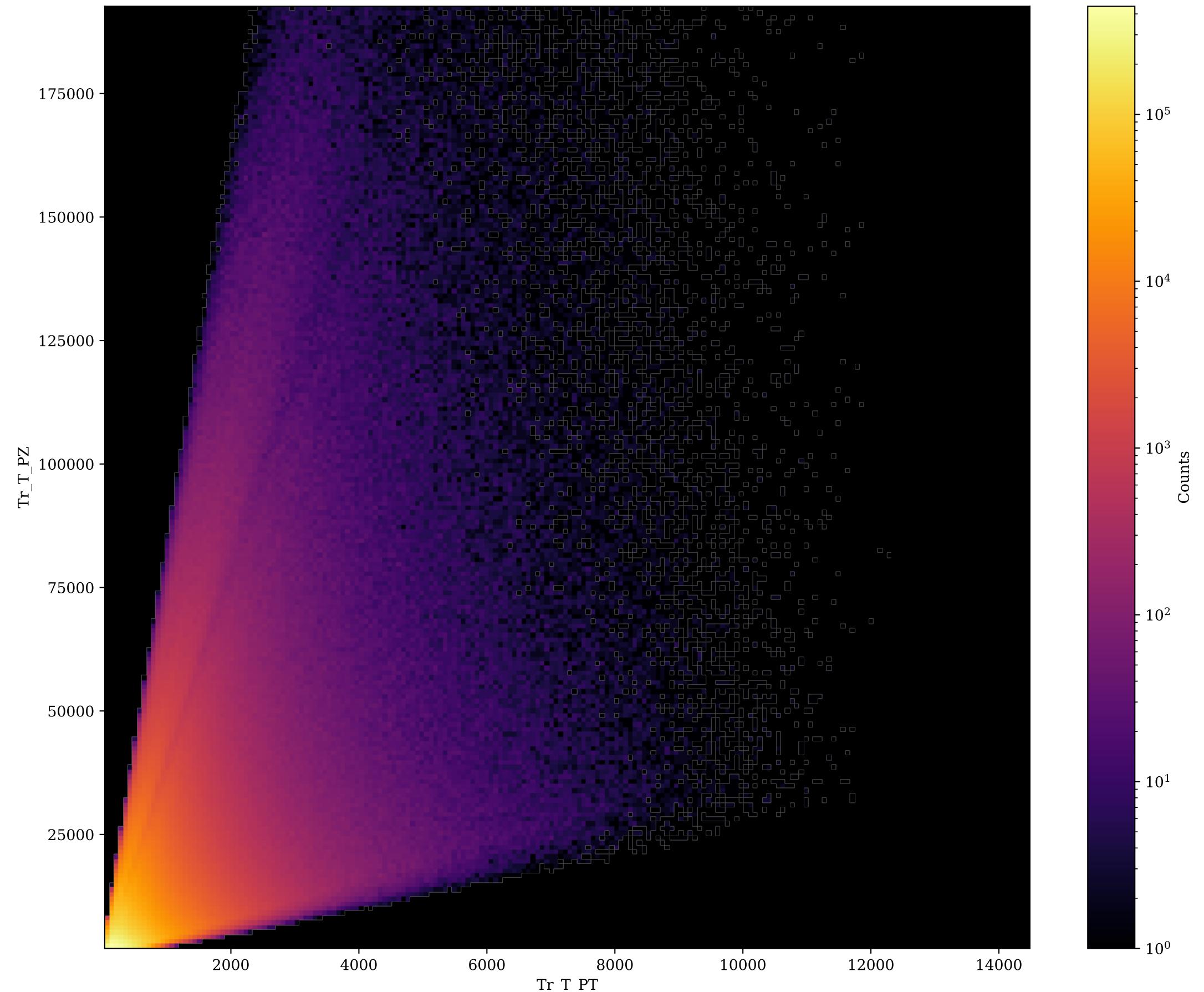
Hist2d Plot ('Tr_T_P' vs 'Tr_T_PT')
correlation: 0.58098



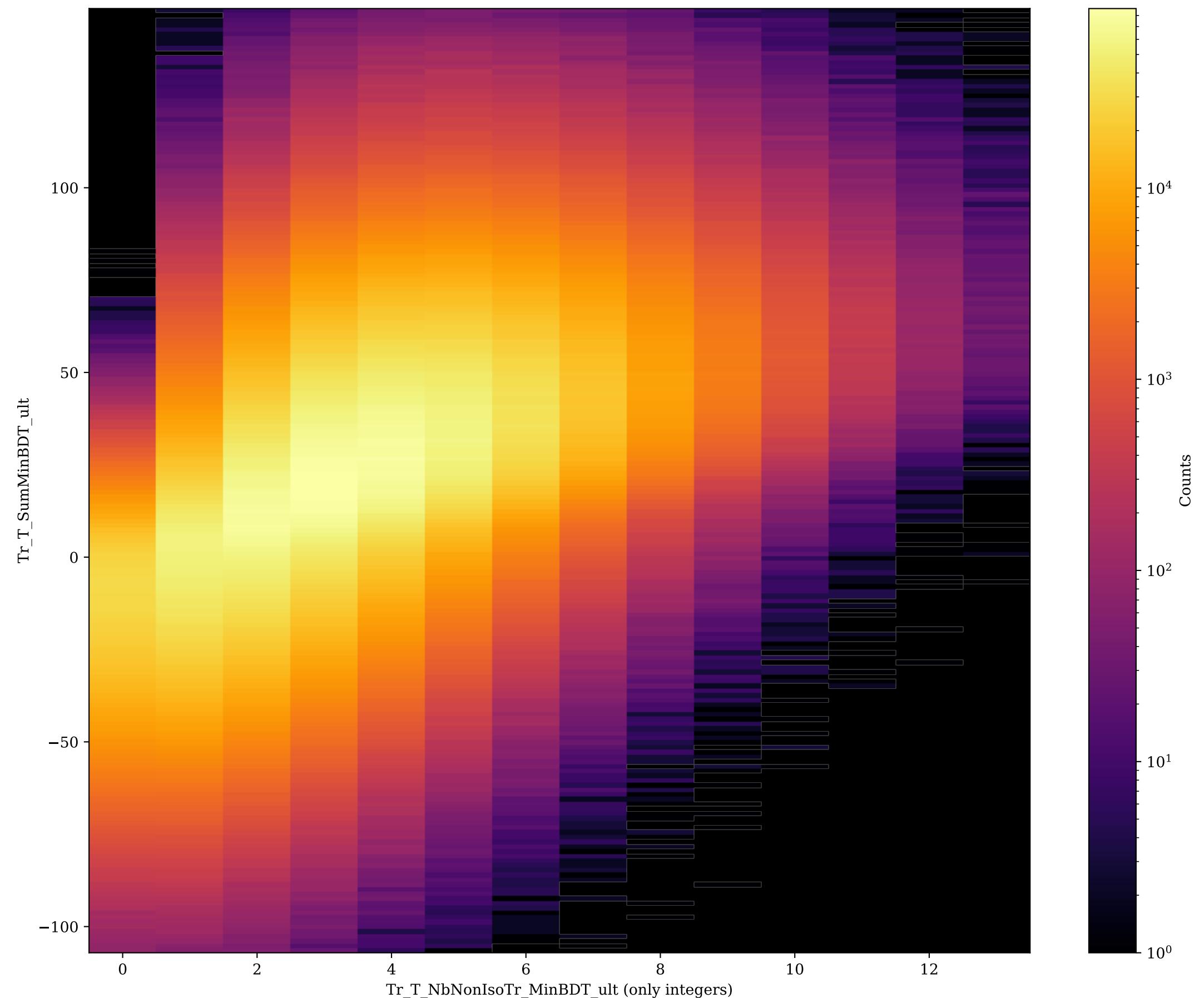
Hist2d Plot ('Tr_T_E' vs 'Tr_T_PT')
correlation: 0.58097



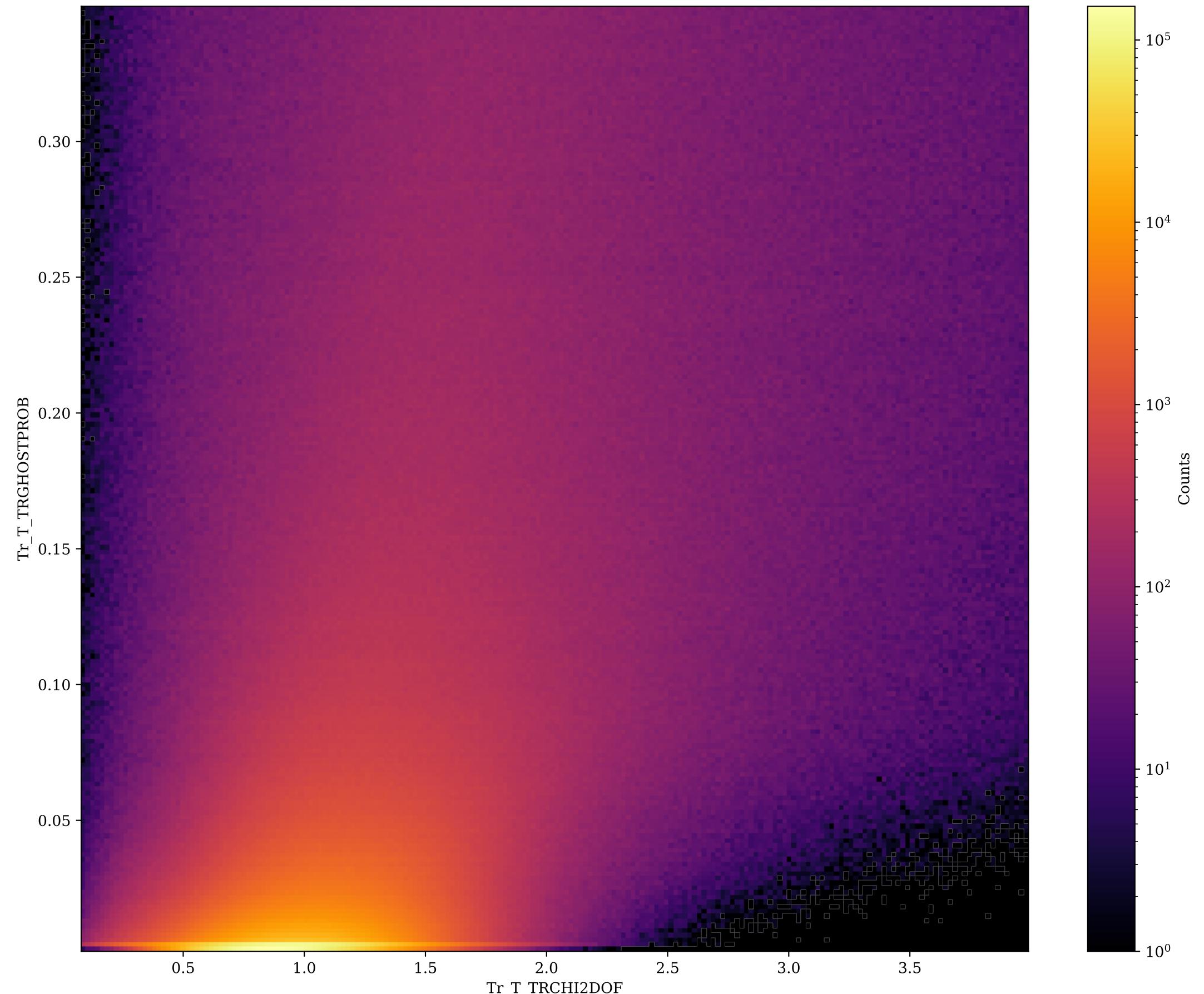
Hist2d Plot ('Tr_T_PT' vs 'Tr_T_PZ')
correlation: 0.57837



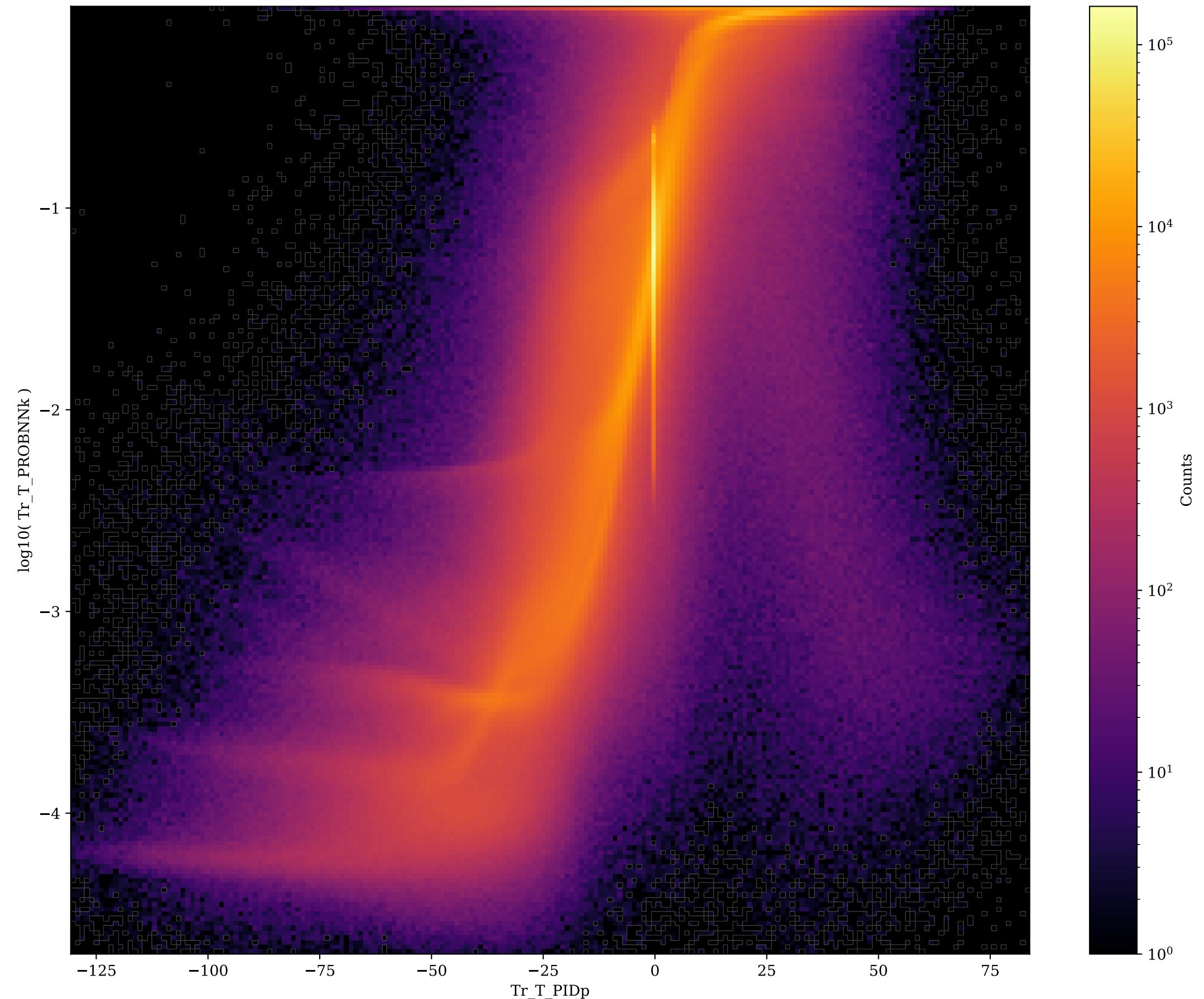
Hist2d Plot ('Tr_T_NbNonIsoTr_MinBDT_ult' vs 'Tr_T_SumMinBDT_ult')
correlation: 0.57207



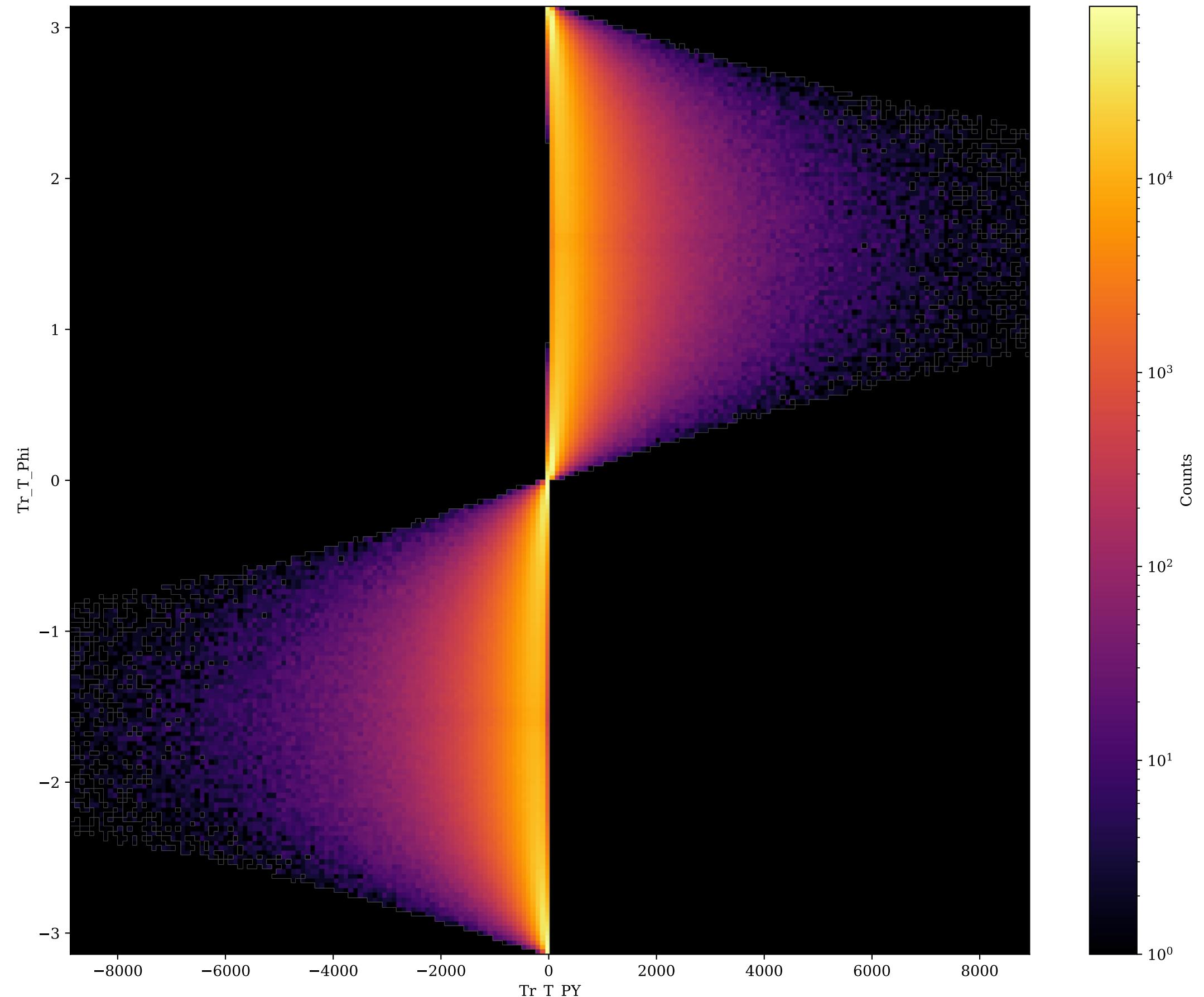
Hist2d Plot ('Tr_T_TRCHI2DOF' vs 'Tr_T_TRGHOSTPROB')
correlation: 0.56779



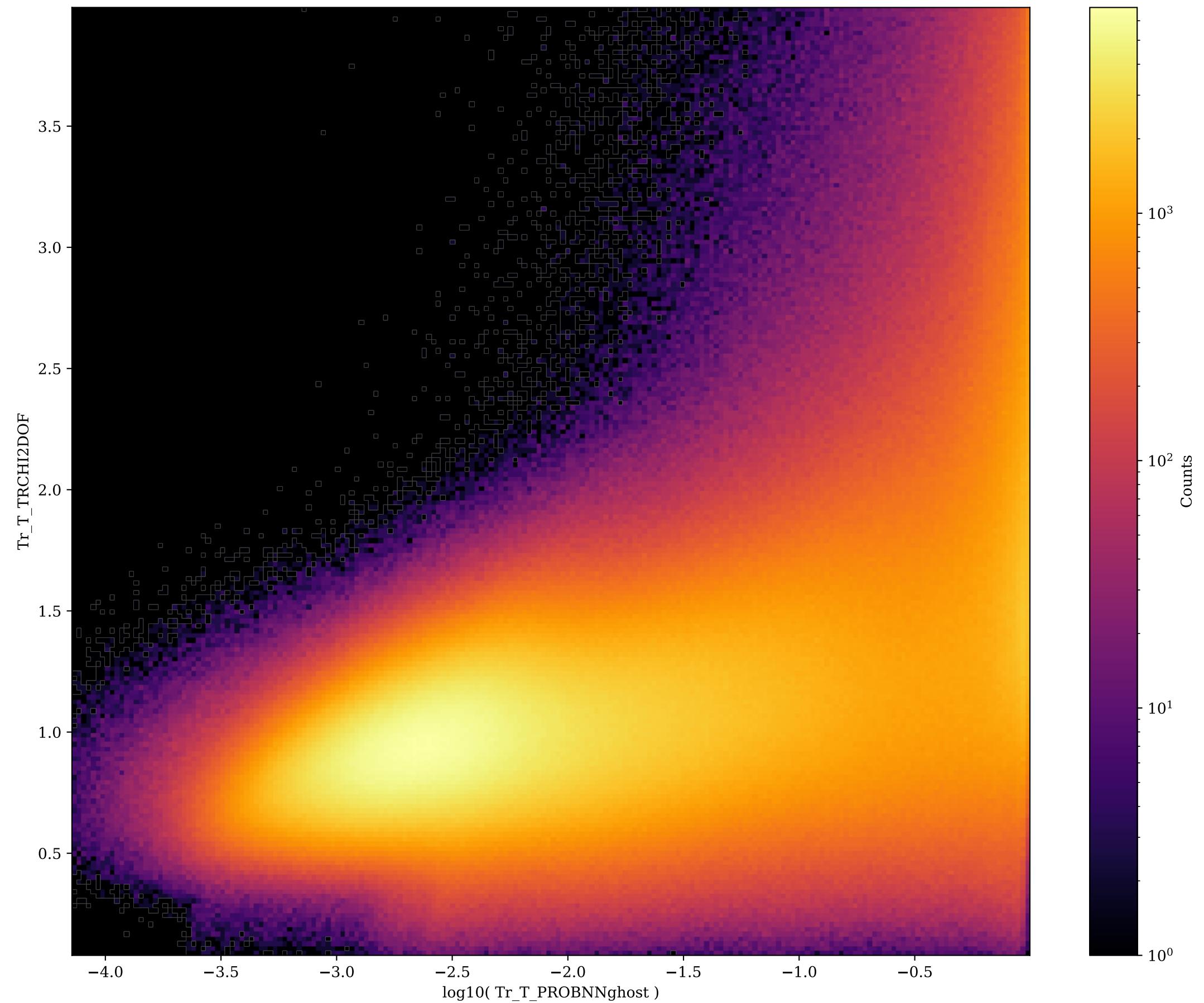
Hist2d Plot ('Tr_T_PIDp' vs 'Tr_T_PROBNNk')
correlation: 0.55888



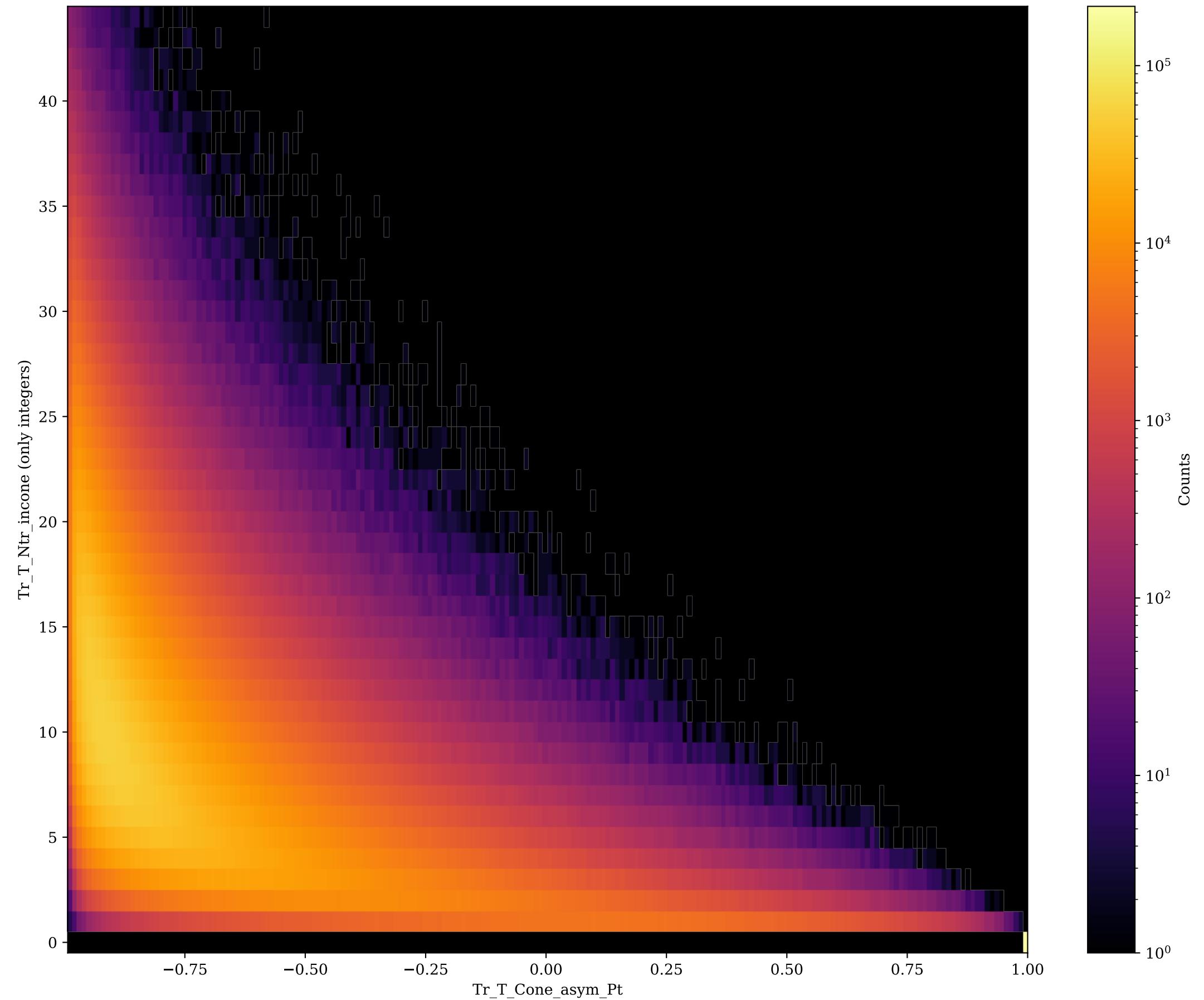
Hist2d Plot ('Tr_T_PY' vs 'Tr_T_Phi')
correlation: 0.55382



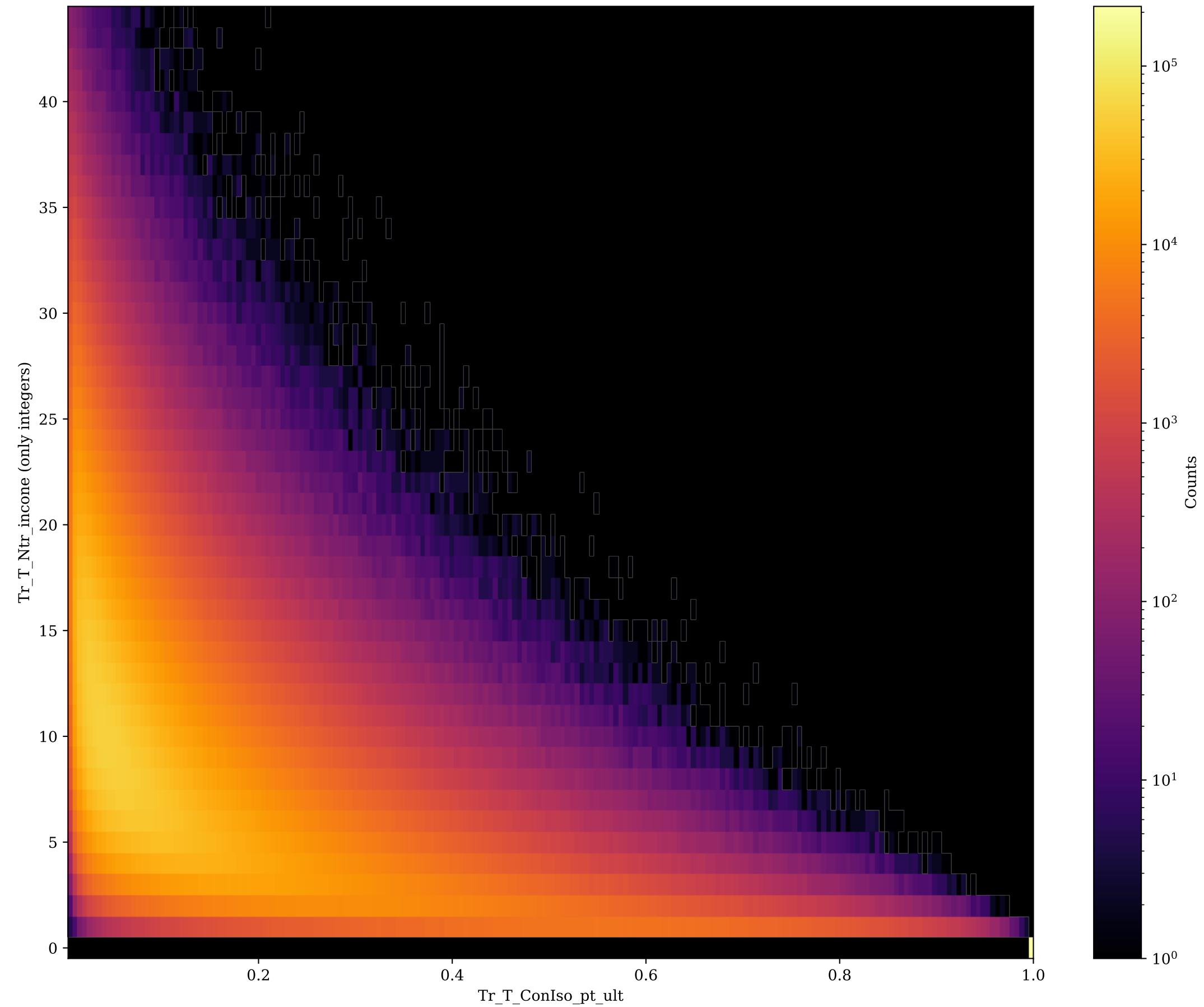
Hist2d Plot ('Tr_T_PROBNNghost' vs 'Tr_T_TRCHI2DOF')
correlation: 0.53960



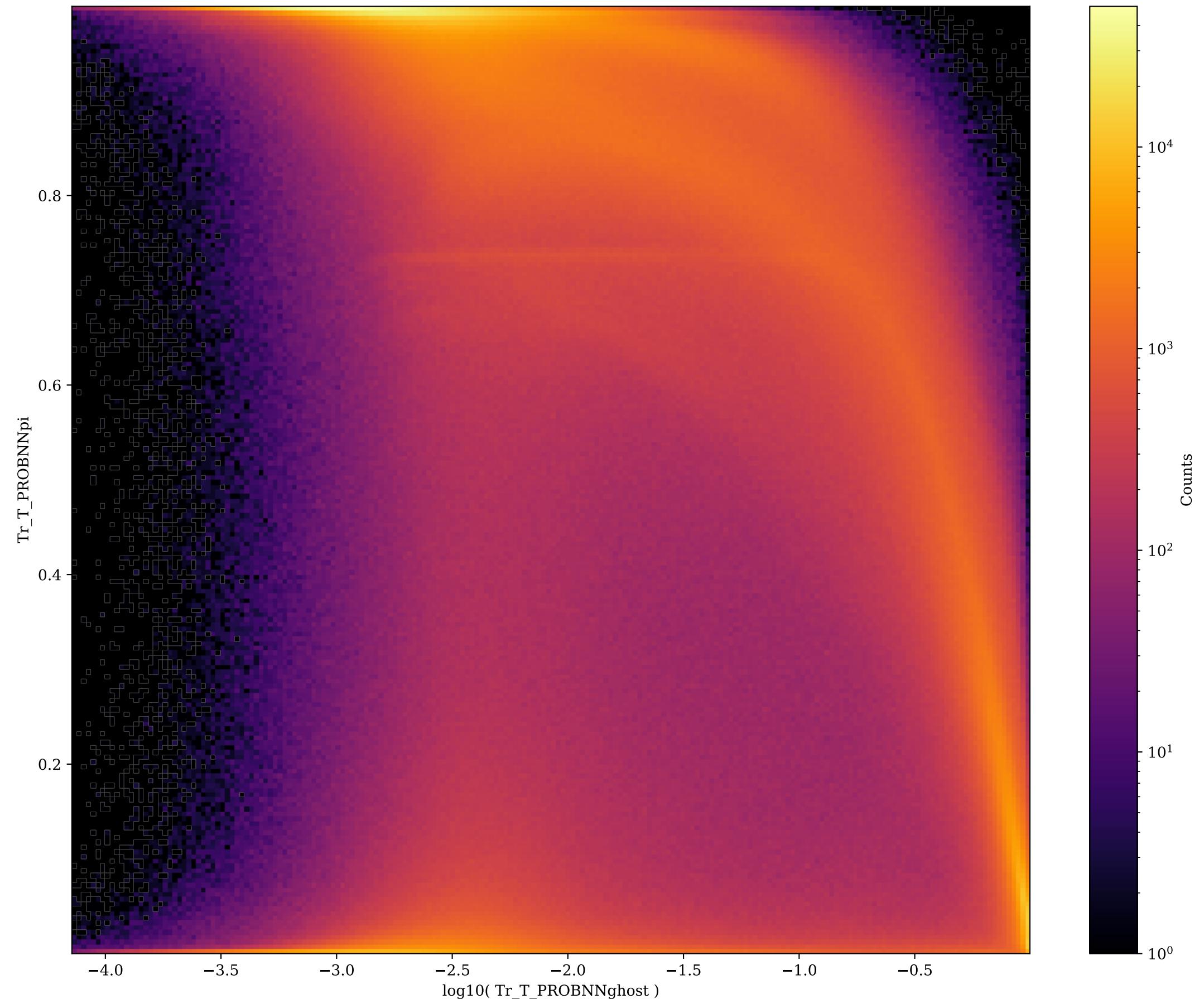
Hist2d Plot ('Tr_T_Cone_asym_Pt' vs 'Tr_T_Ntr_incone')
correlation: -0.53227



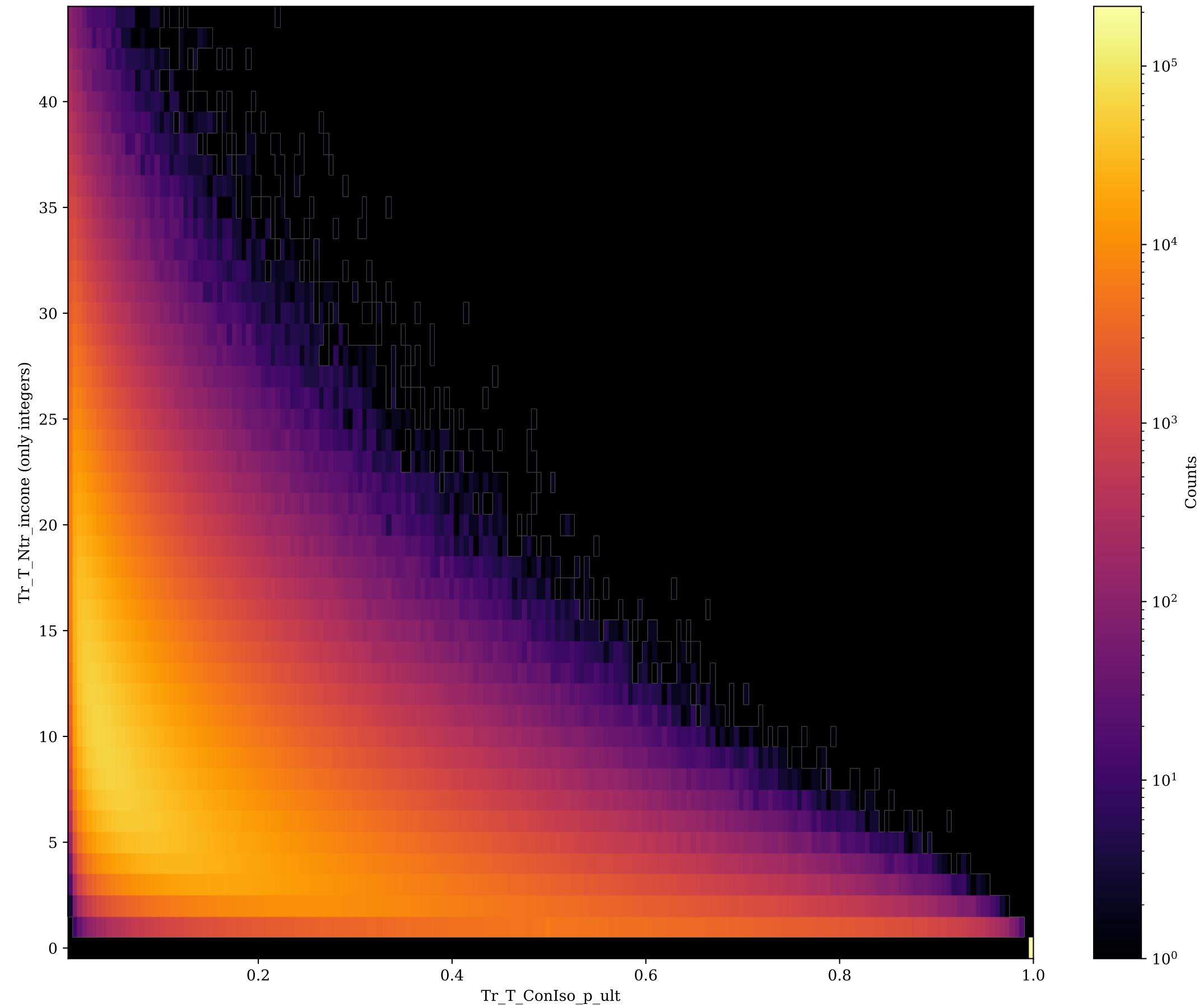
Hist2d Plot ('Tr_T_ConIso_pt_ult' vs 'Tr_T_Ntr_incone')
correlation: -0.53227



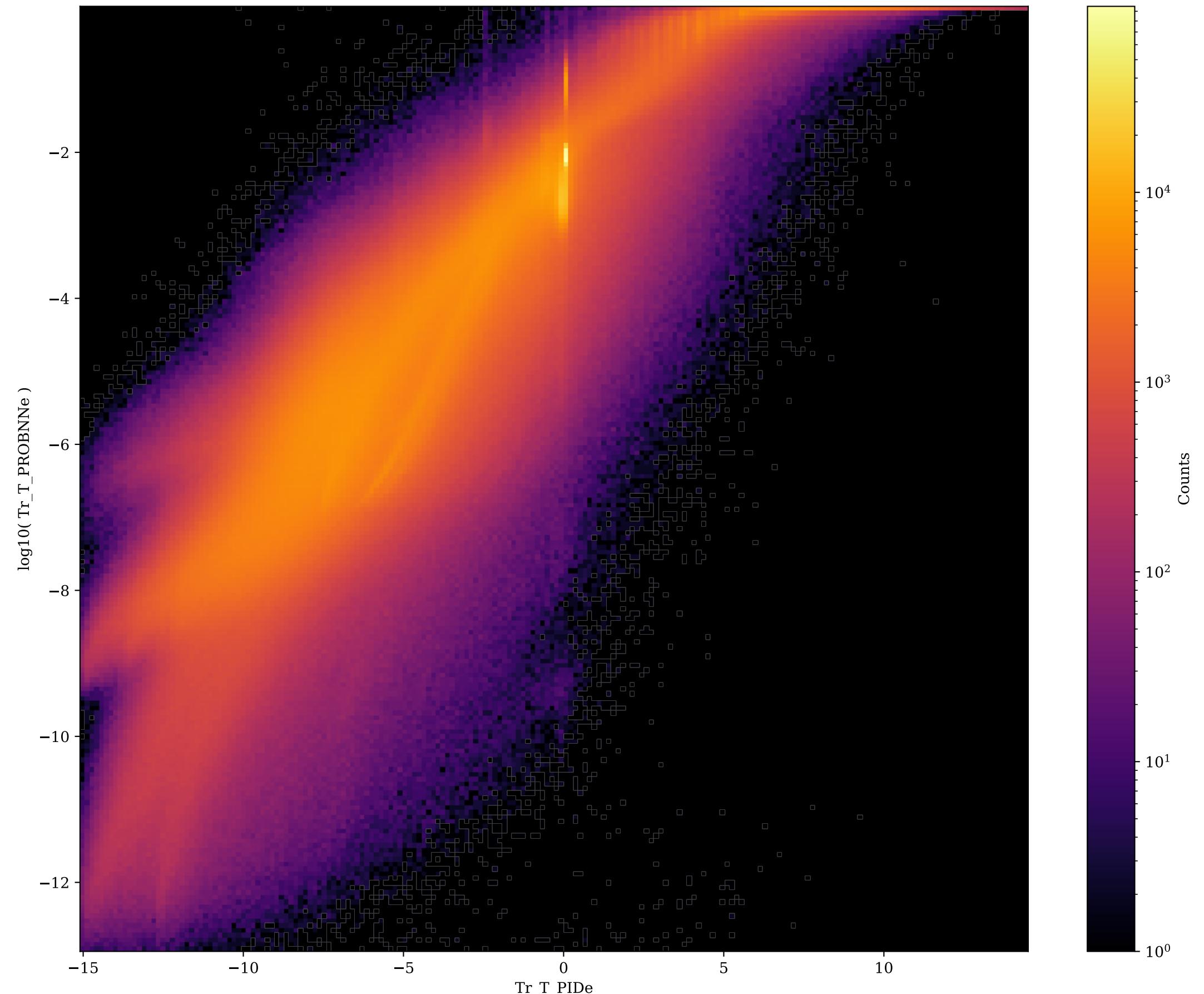
Hist2d Plot ('Tr_T_PROBNNghost' vs 'Tr_T_PROBNNpi')
correlation: -0.52649



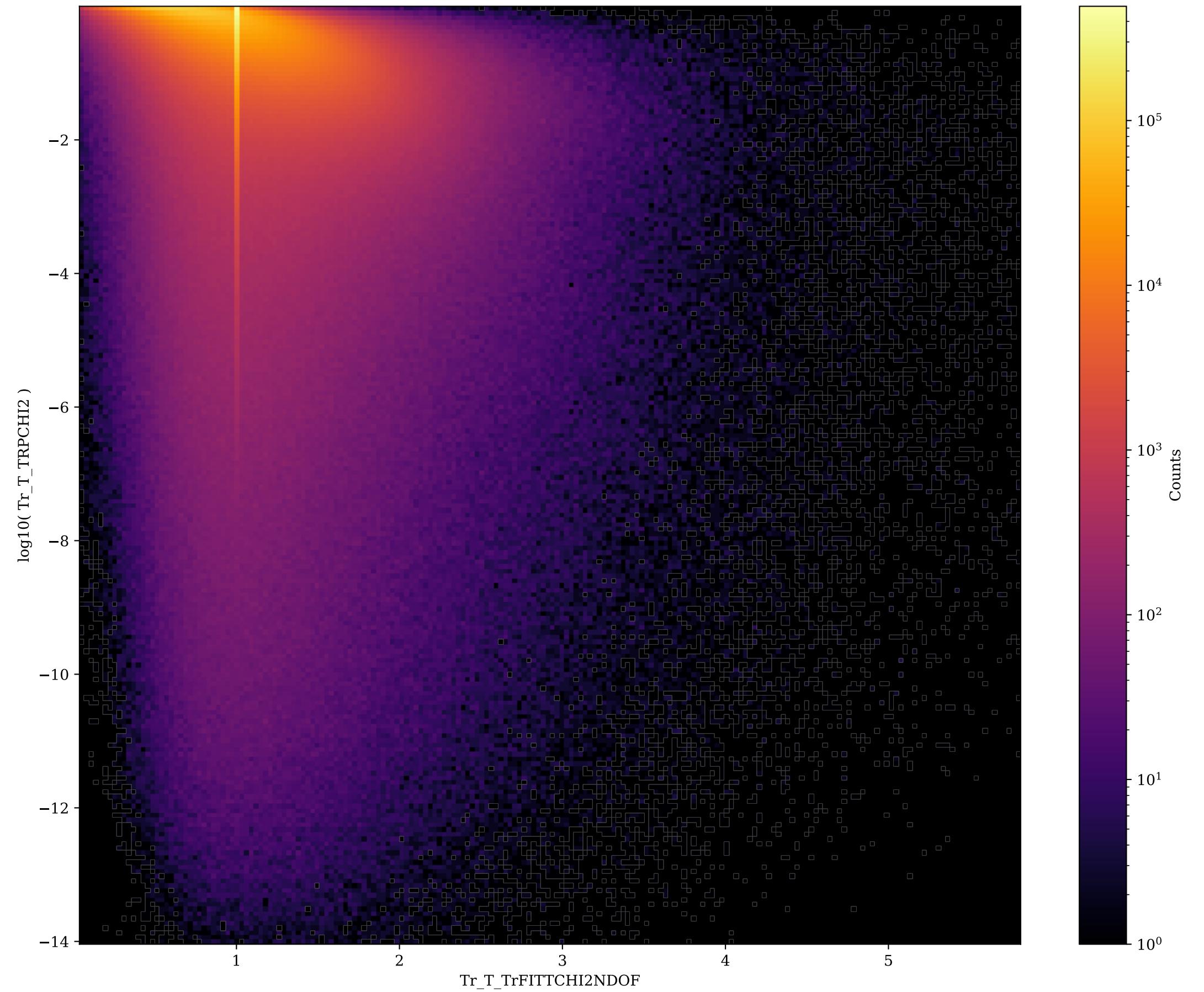
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_Ntr_incone')
correlation: -0.52515



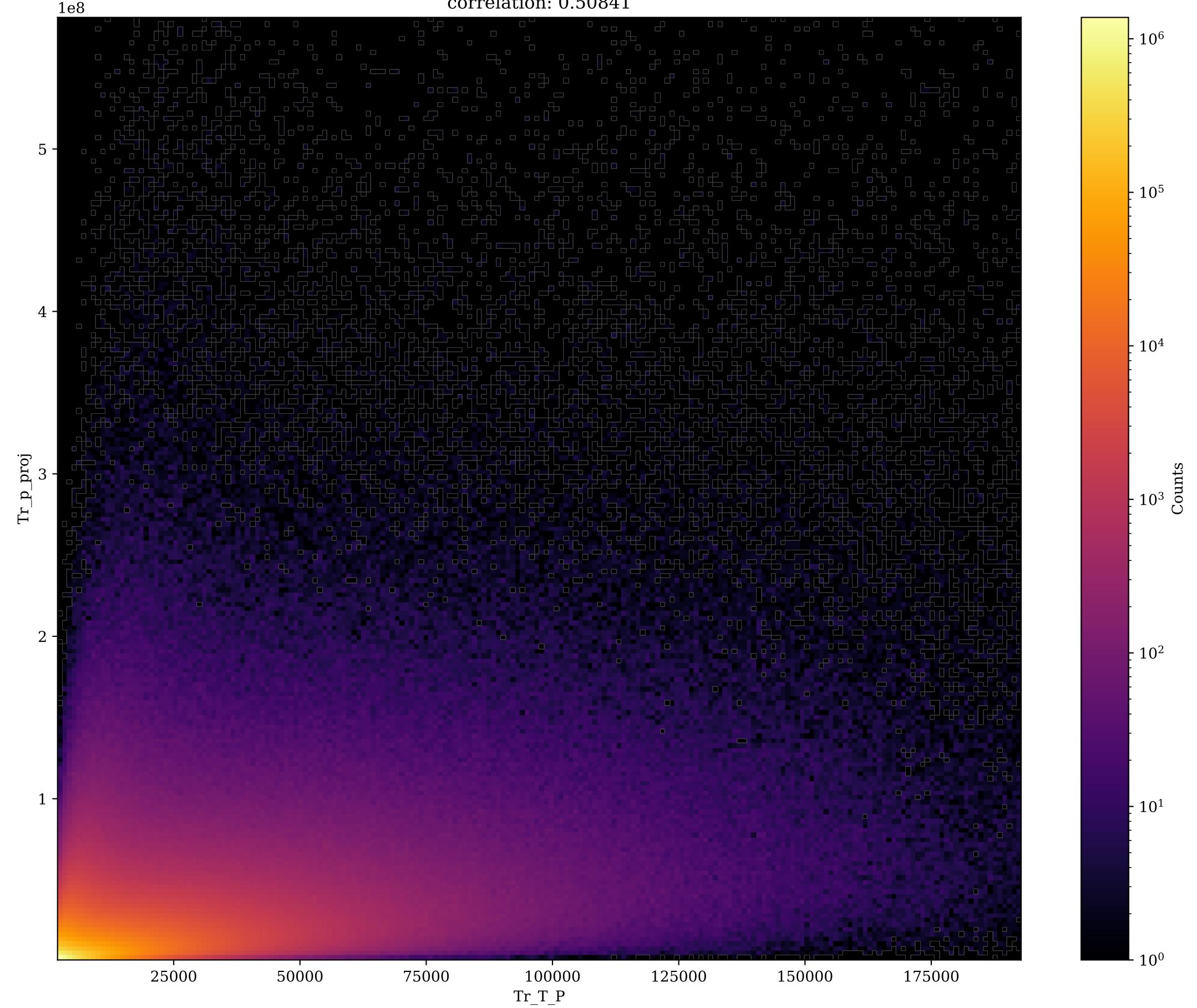
Hist2d Plot ('Tr_T_PIDe' vs 'Tr_T_PROBNNe')
correlation: 0.51843



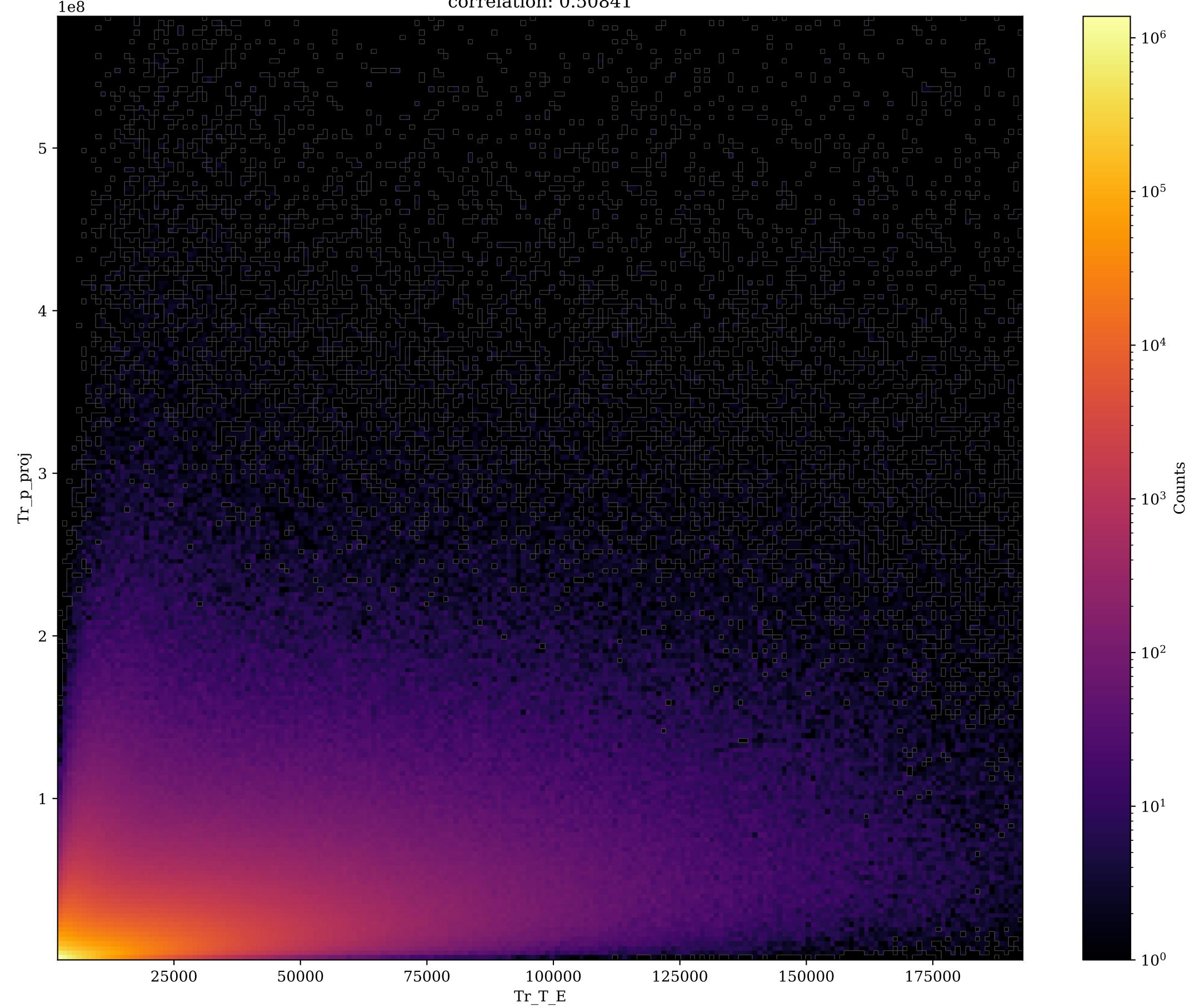
Hist2d Plot ('Tr_T_TrFITTCHI2NDOF' vs 'Tr_T_TRPCHI2')
correlation: -0.51090



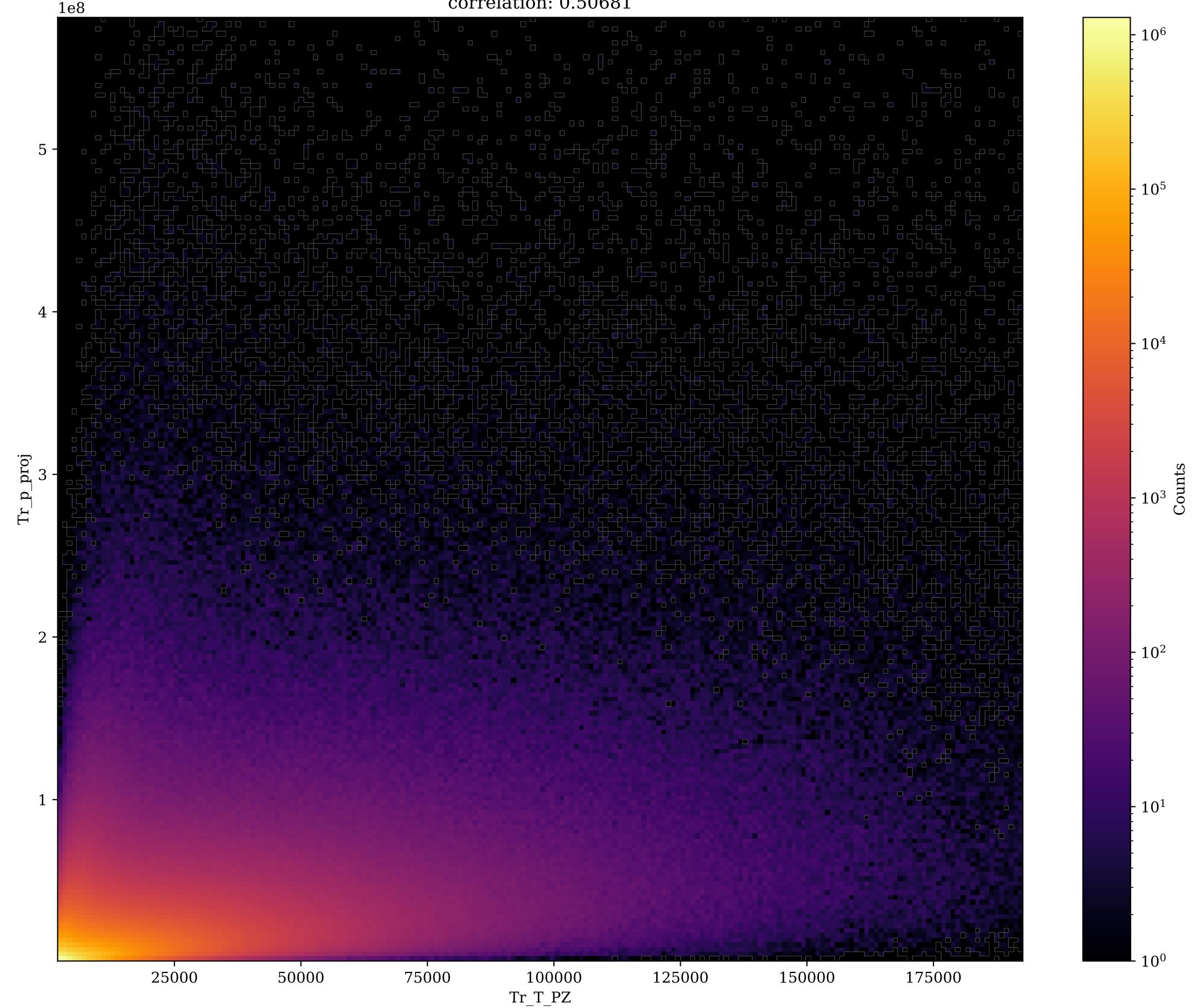
Hist2d Plot ('Tr_T_P' vs 'Tr_p_proj')
correlation: 0.50841



Hist2d Plot ('Tr_T_E' vs 'Tr_p_proj')
correlation: 0.50841



Hist2d Plot ('Tr_T_PZ' vs 'Tr_p_proj')
correlation: 0.50681



Hist2d Plot ('Tr_T_Cone_asym_P' vs 'Tr_T_Sum_of_trackpt')
correlation: -0.50020

