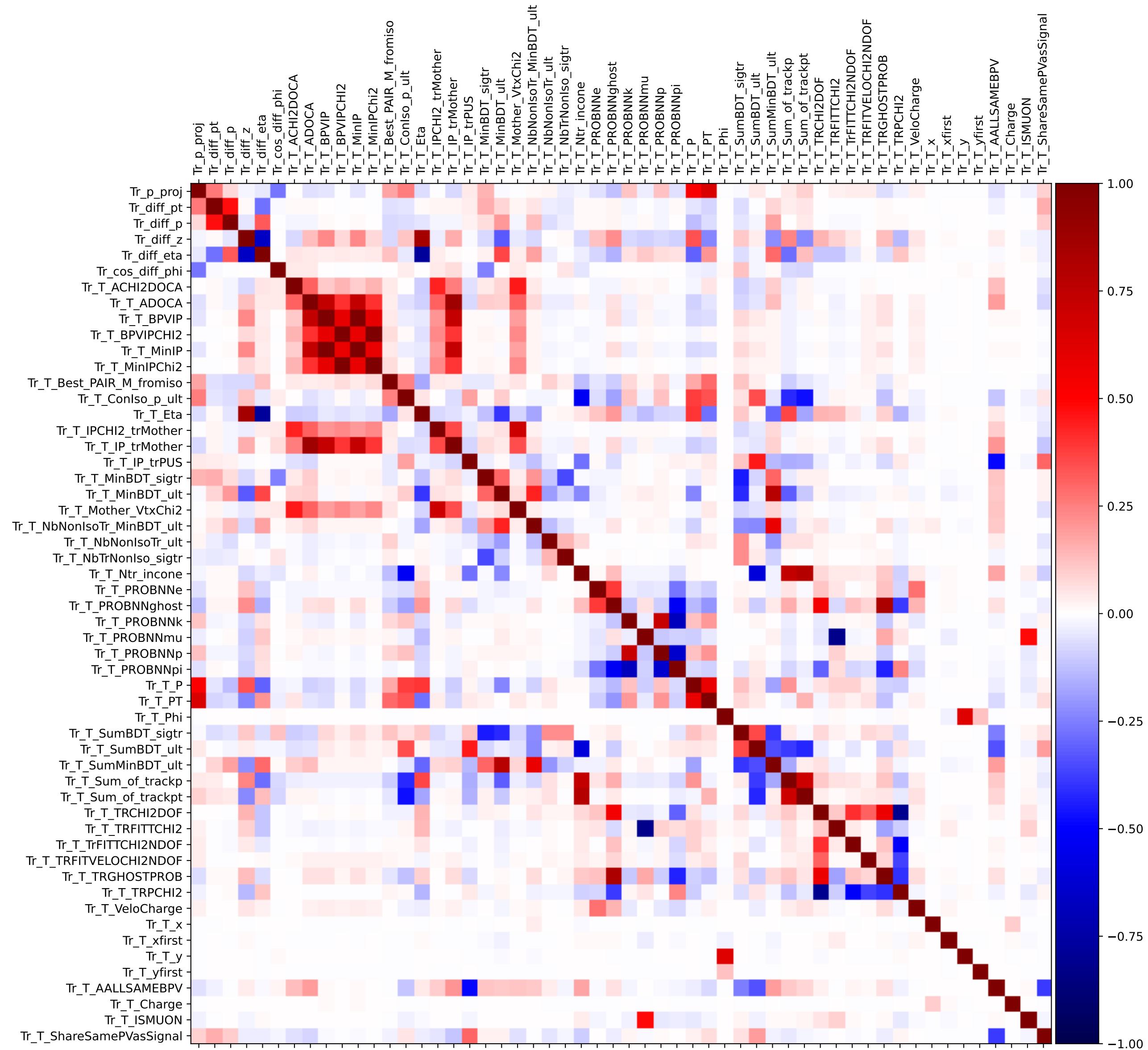
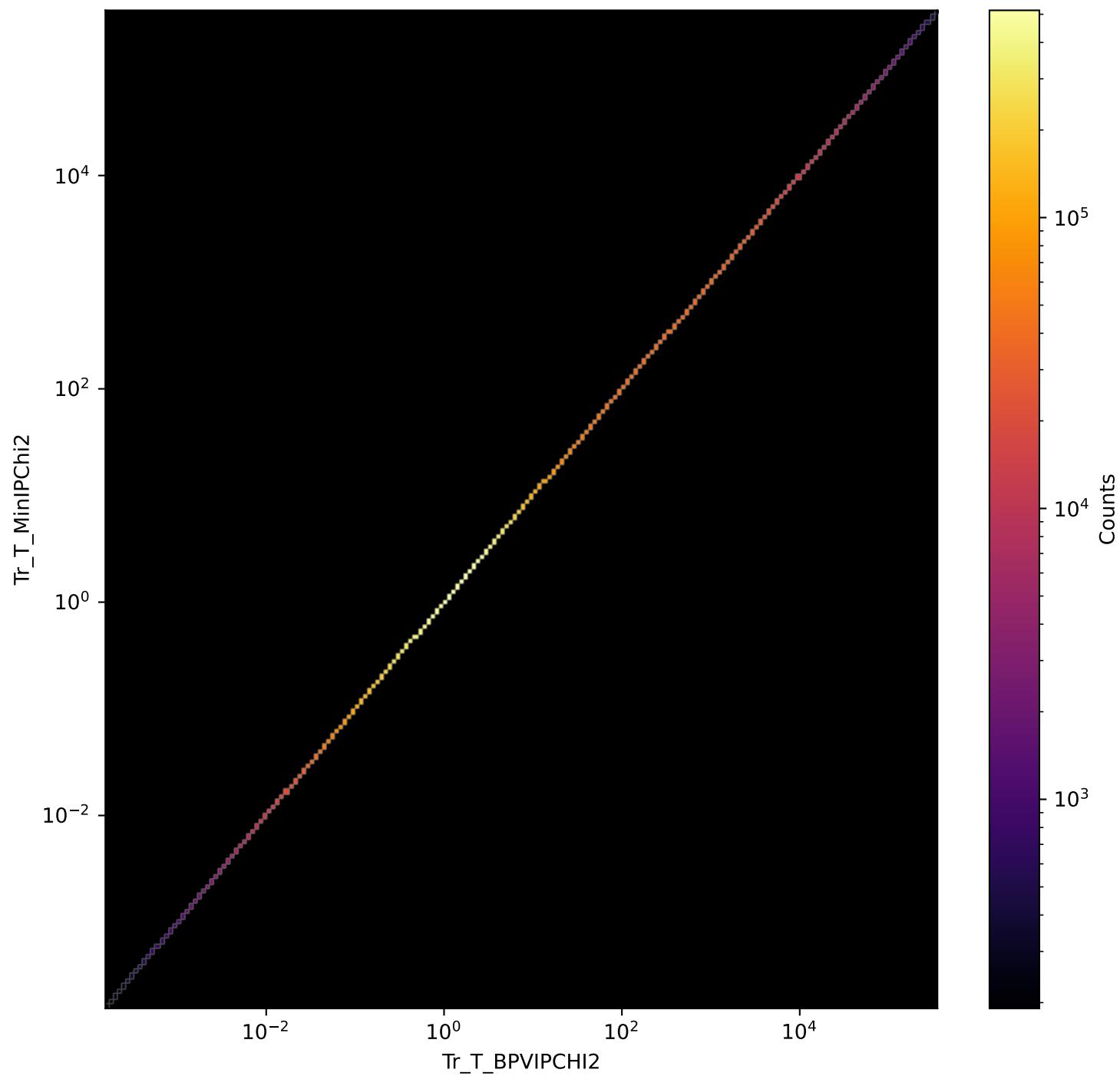


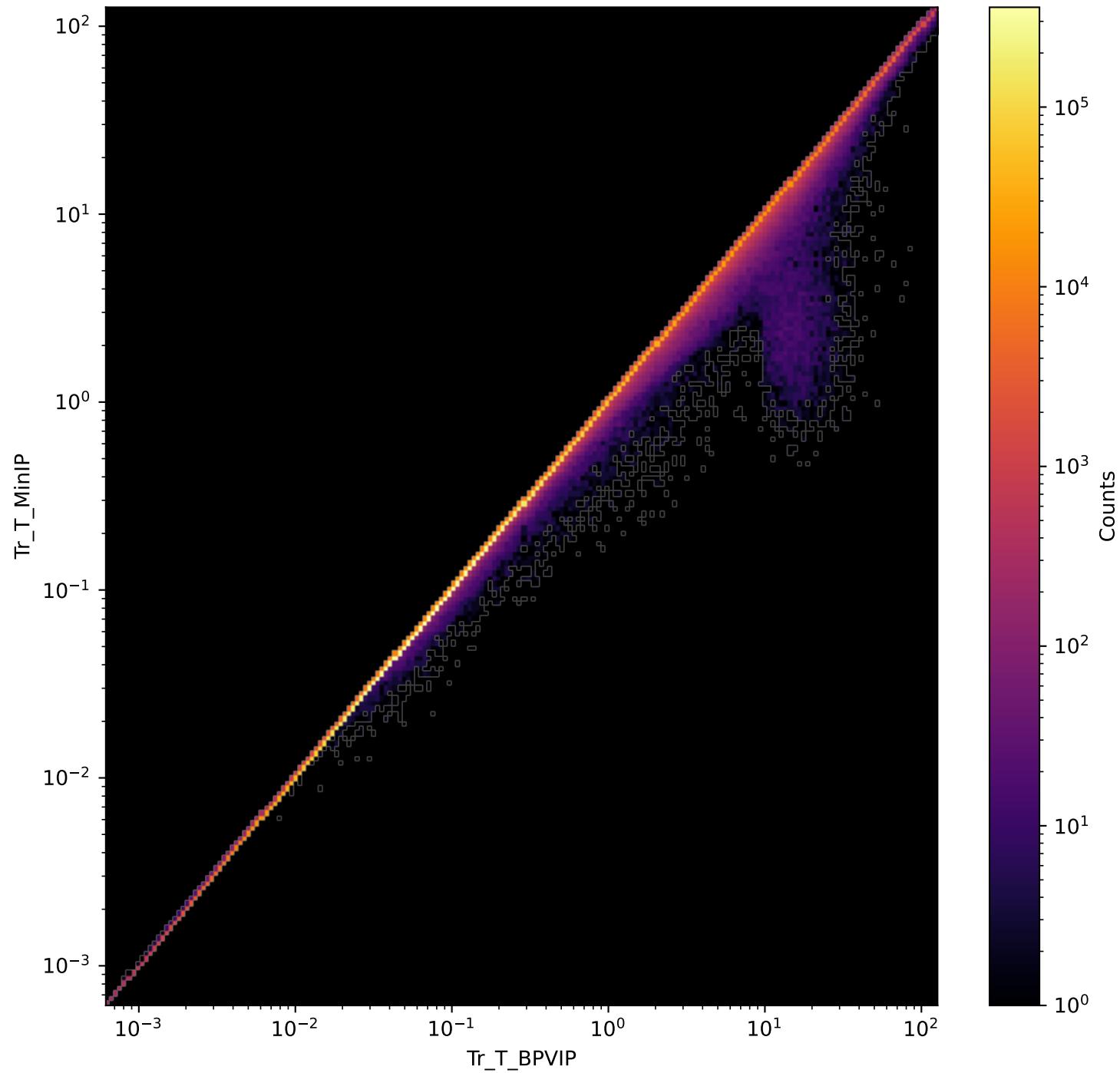
Feature Correlation
Evaluated with cuts at quantiles 0.0001-0.9999
Tracks: 17895172 / 18027892



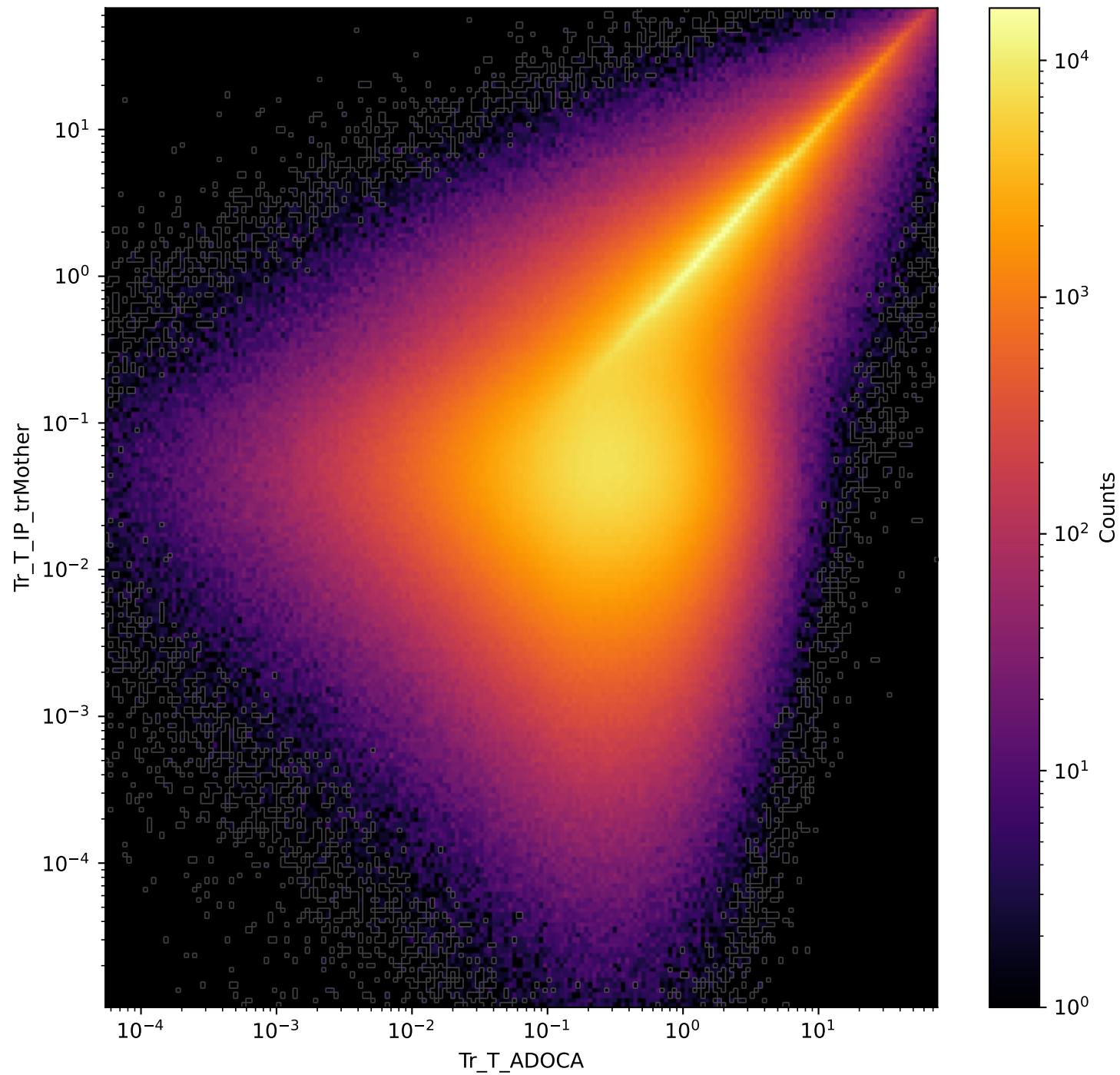
Hist2d Plot ('Tr_T_BPVIPCHI2' vs 'Tr_T_MinIPChi2')
correlation: 1.00000



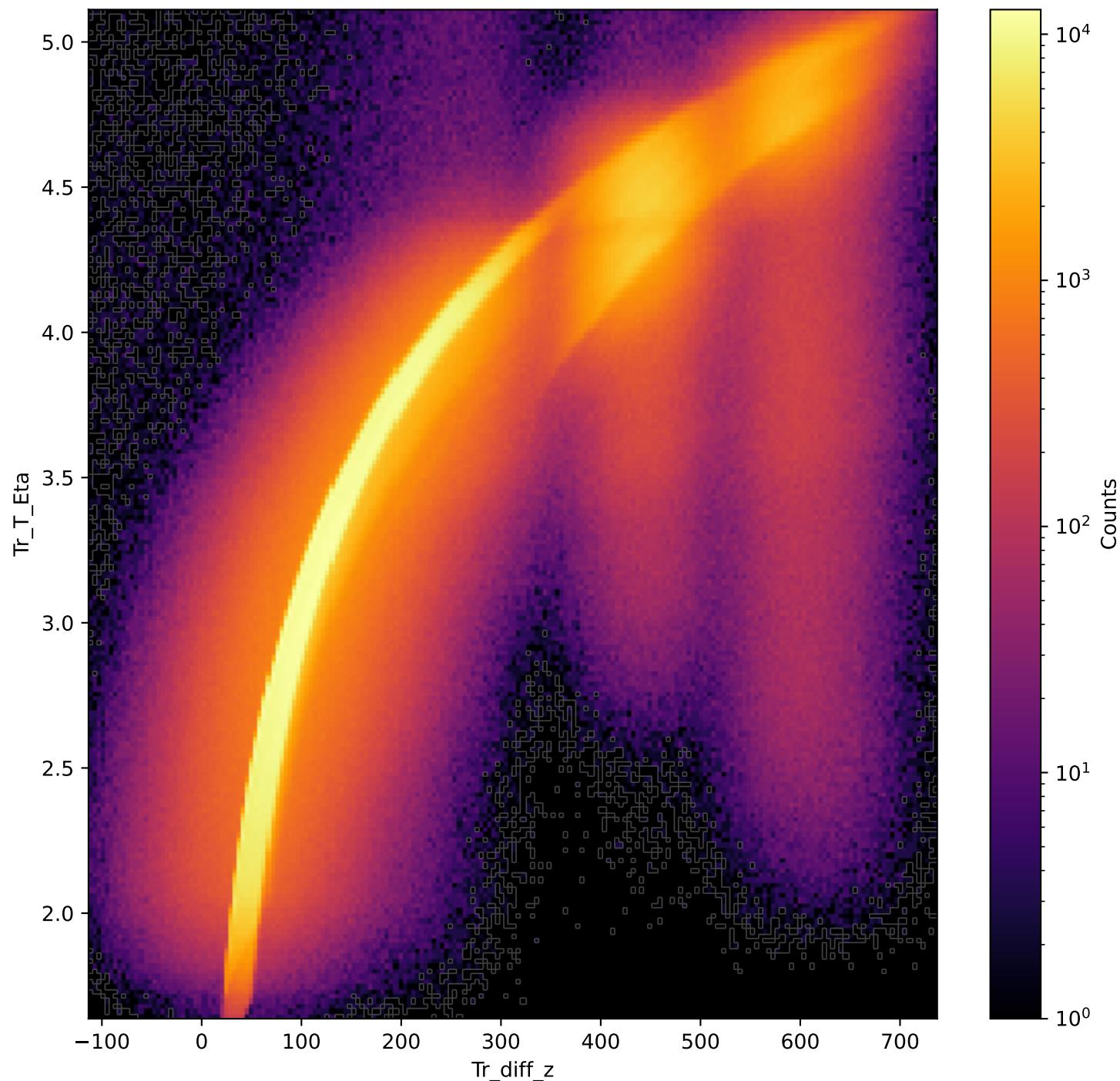
Hist2d Plot ('Tr_T_BPVIP' vs 'Tr_T_MinIP')
correlation: 0.99811



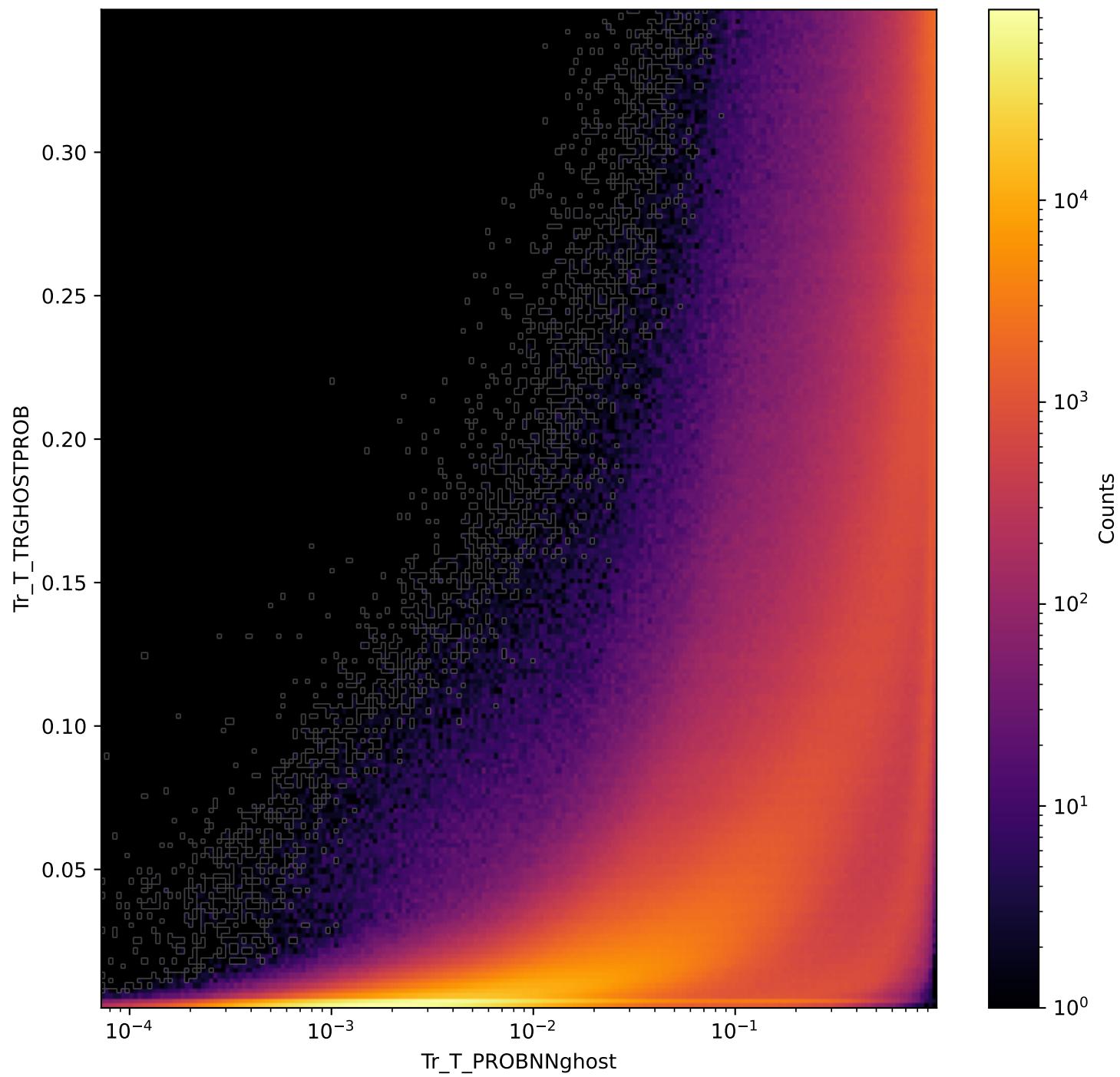
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_IP_trMother')
correlation: 0.87118



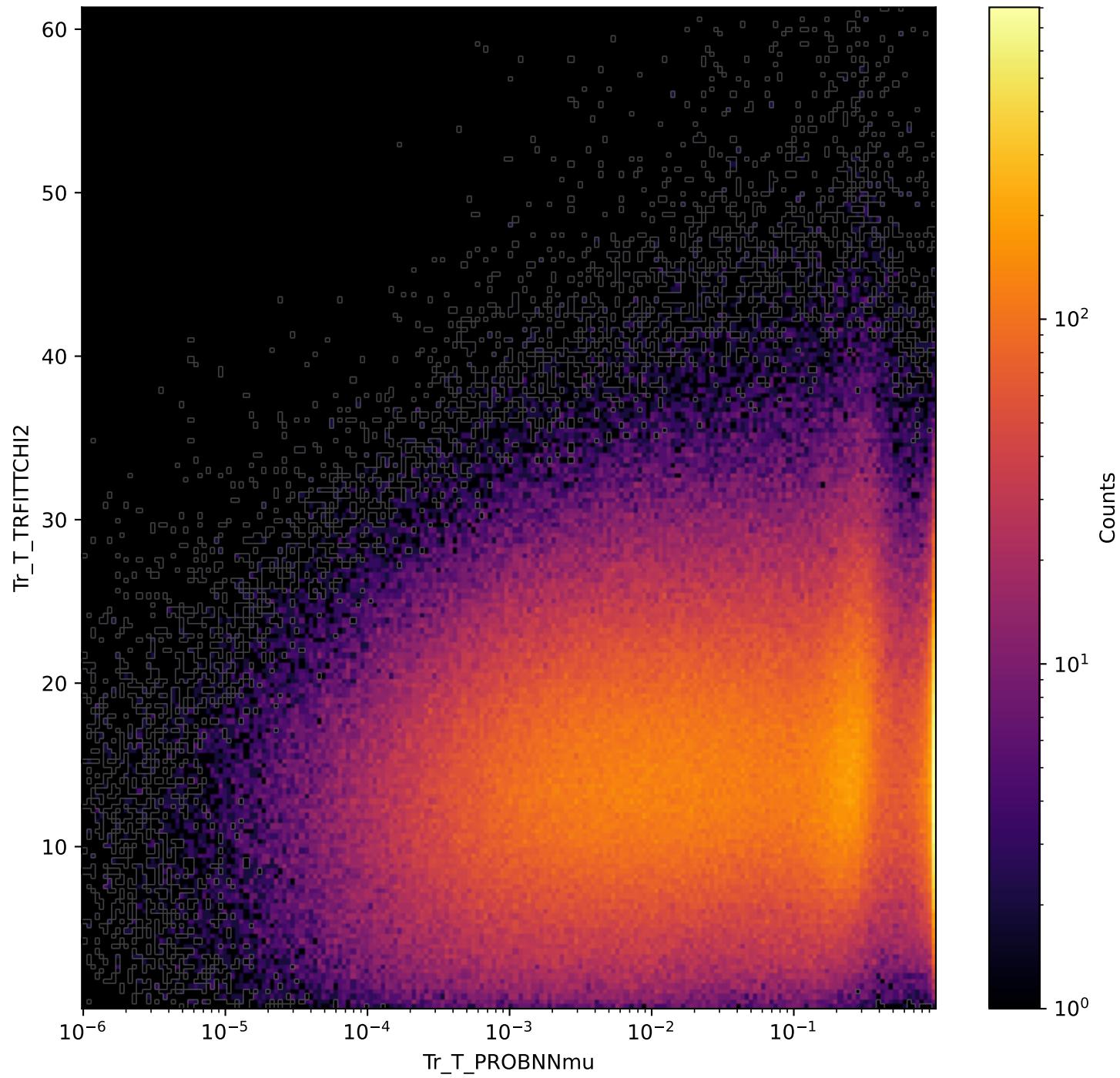
Hist2d Plot ('Tr_diff_z' vs 'Tr_T_Eta')
correlation: 0.84483



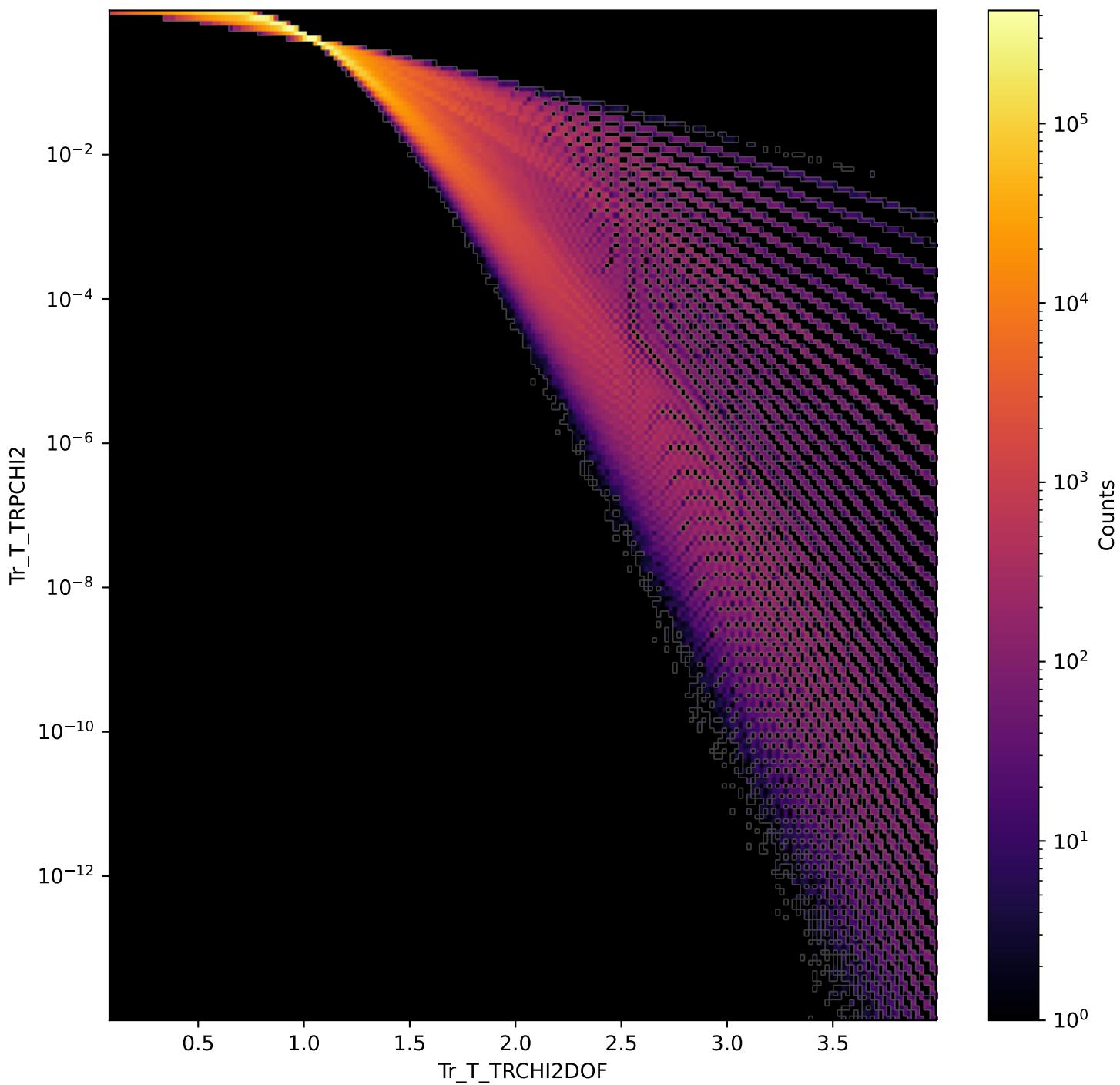
Hist2d Plot ('Tr_T_PROBNNghost' vs 'Tr_T_TRGHOSTPROB')
correlation: 0.82479



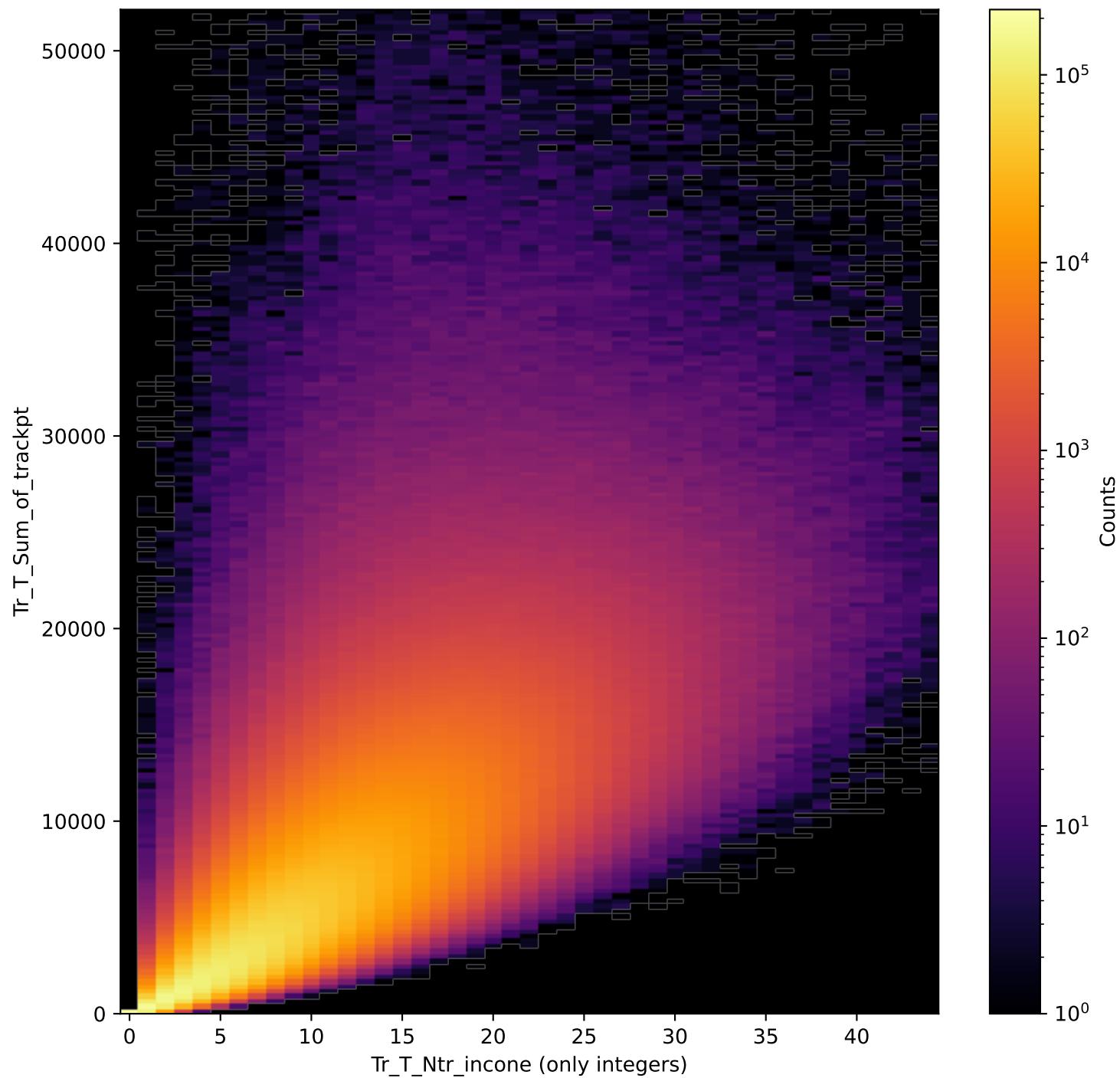
Hist2d Plot ('Tr_T_PROBNNmu' vs 'Tr_T_TRFITTCHI2')
correlation: -0.82087



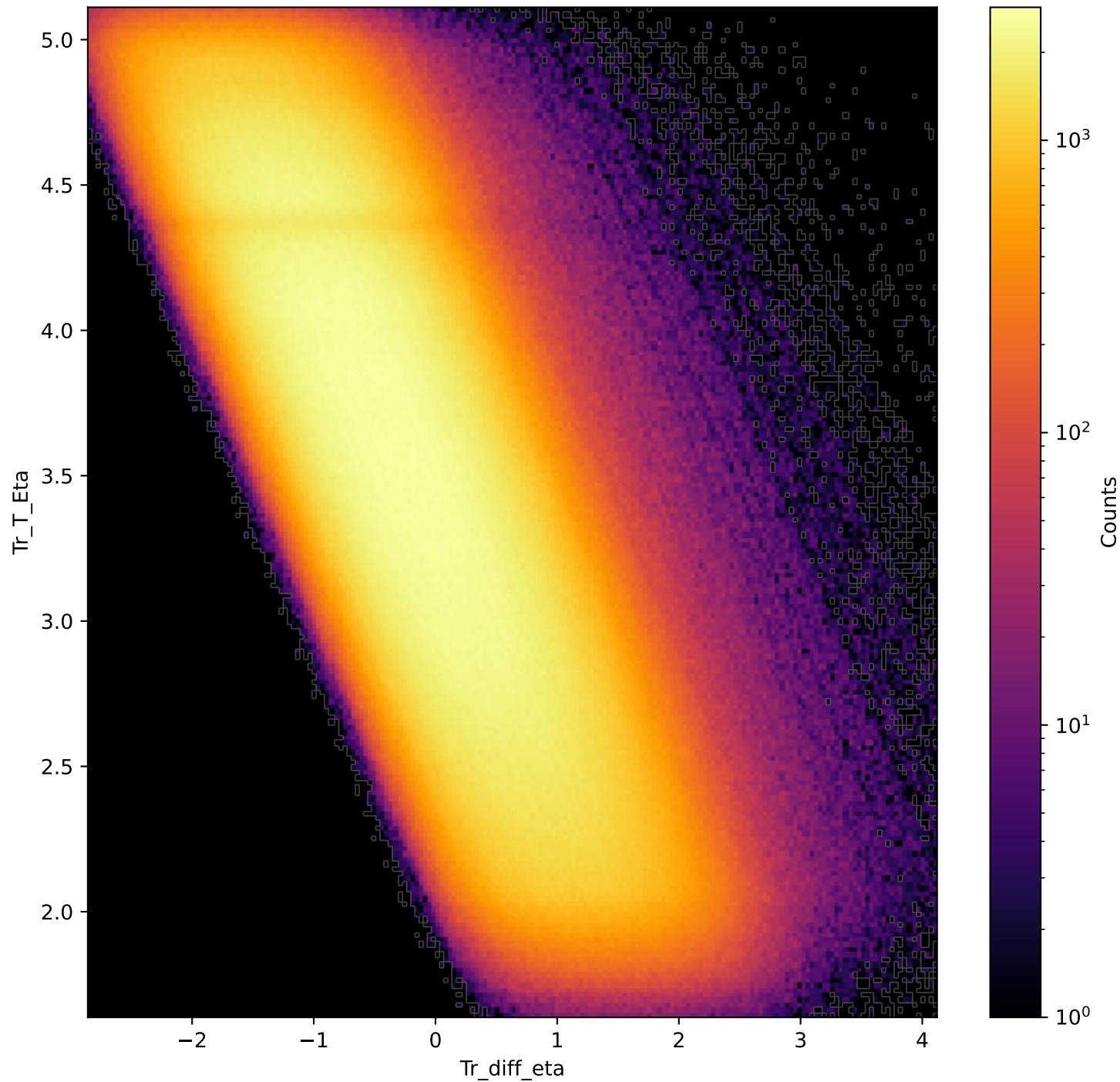
Hist2d Plot ('Tr_T_TRCHI2DOF' vs 'Tr_T_TRPCHI2')
correlation: -0.80710



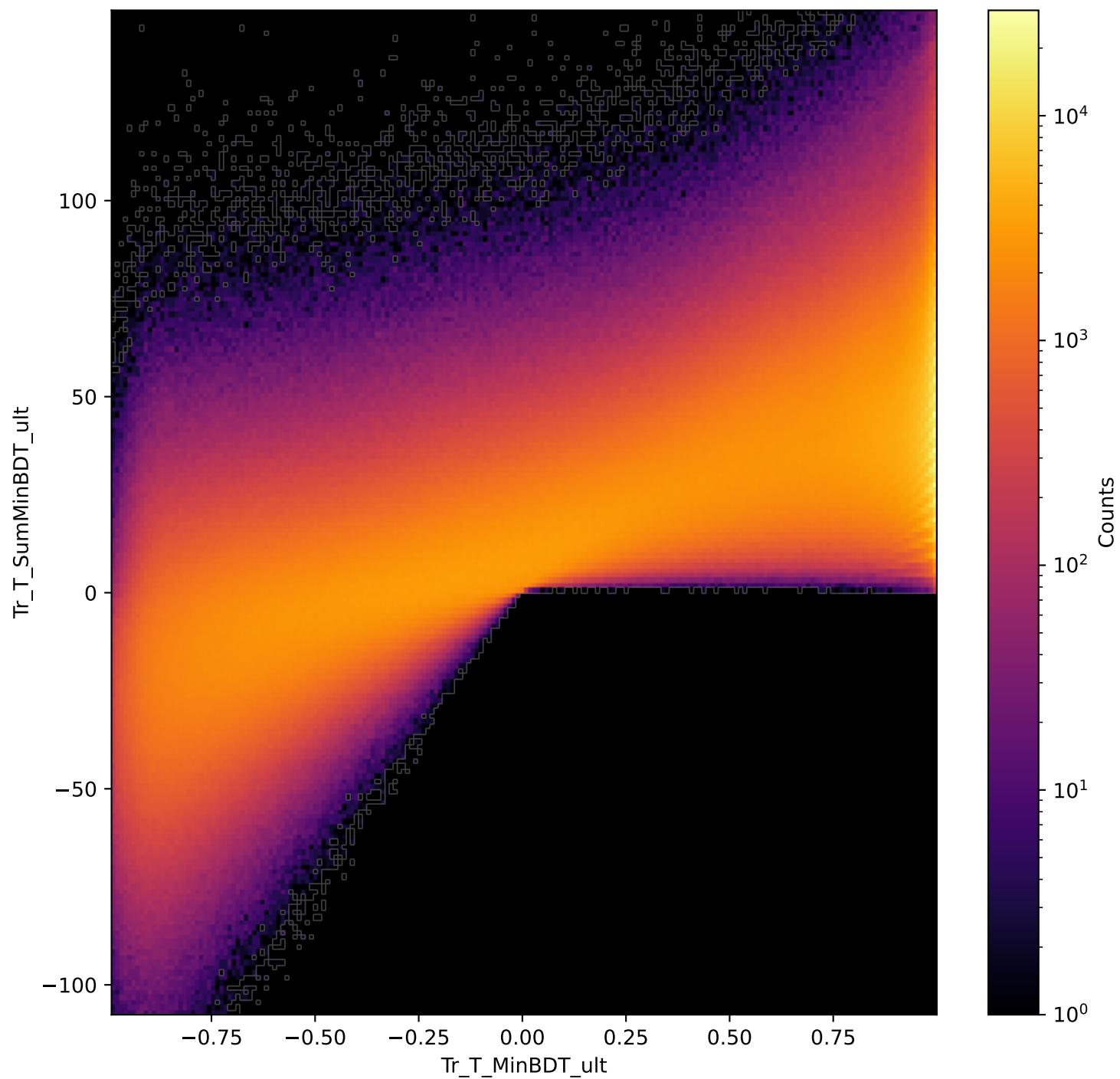
Hist2d Plot ('Tr_T_Ntr_incone' vs 'Tr_T_Sum_of_trackpt')
correlation: 0.78326



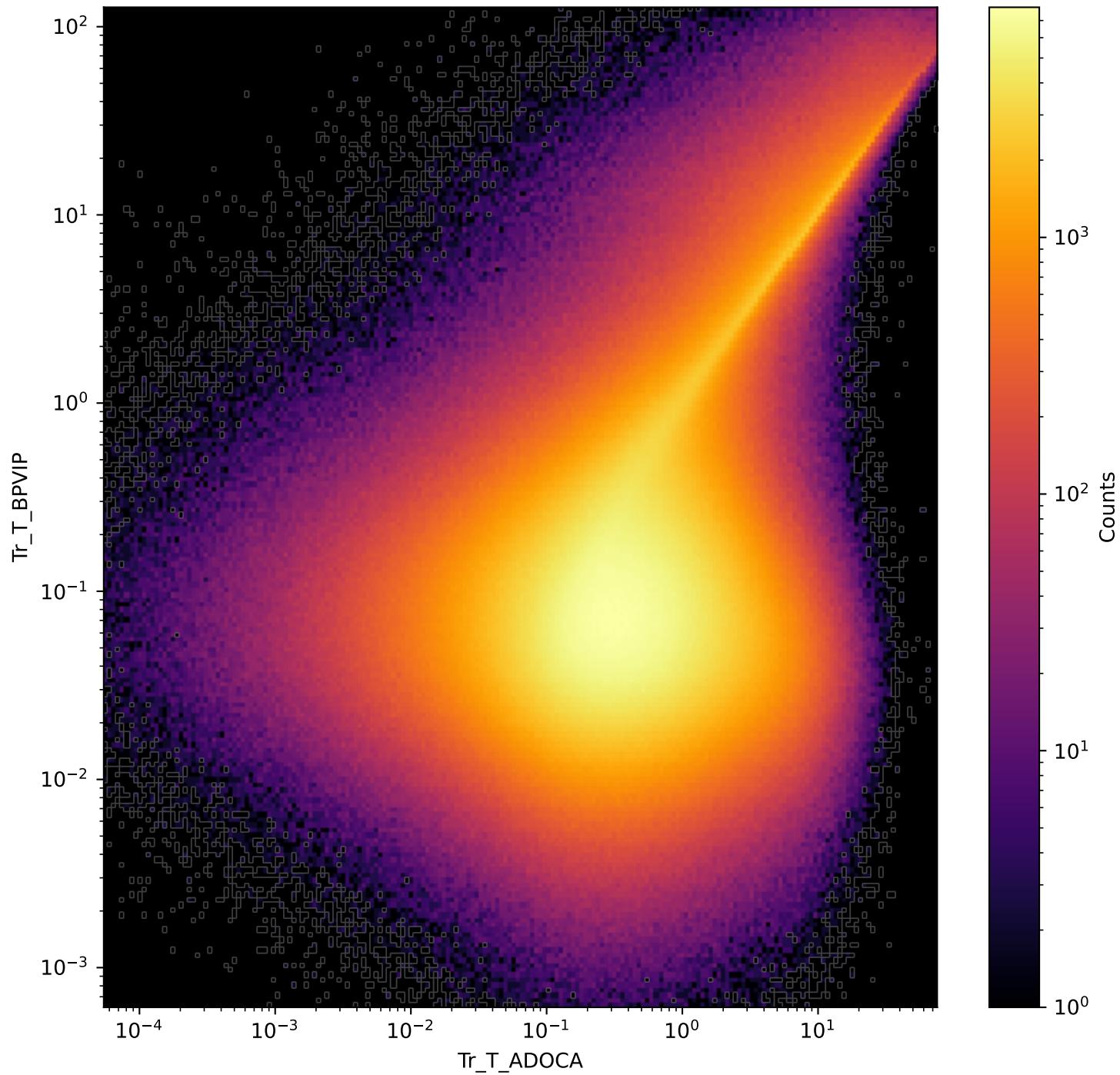
Hist2d Plot ('Tr_diff_eta' vs 'Tr_T_Eta')
correlation: -0.77958



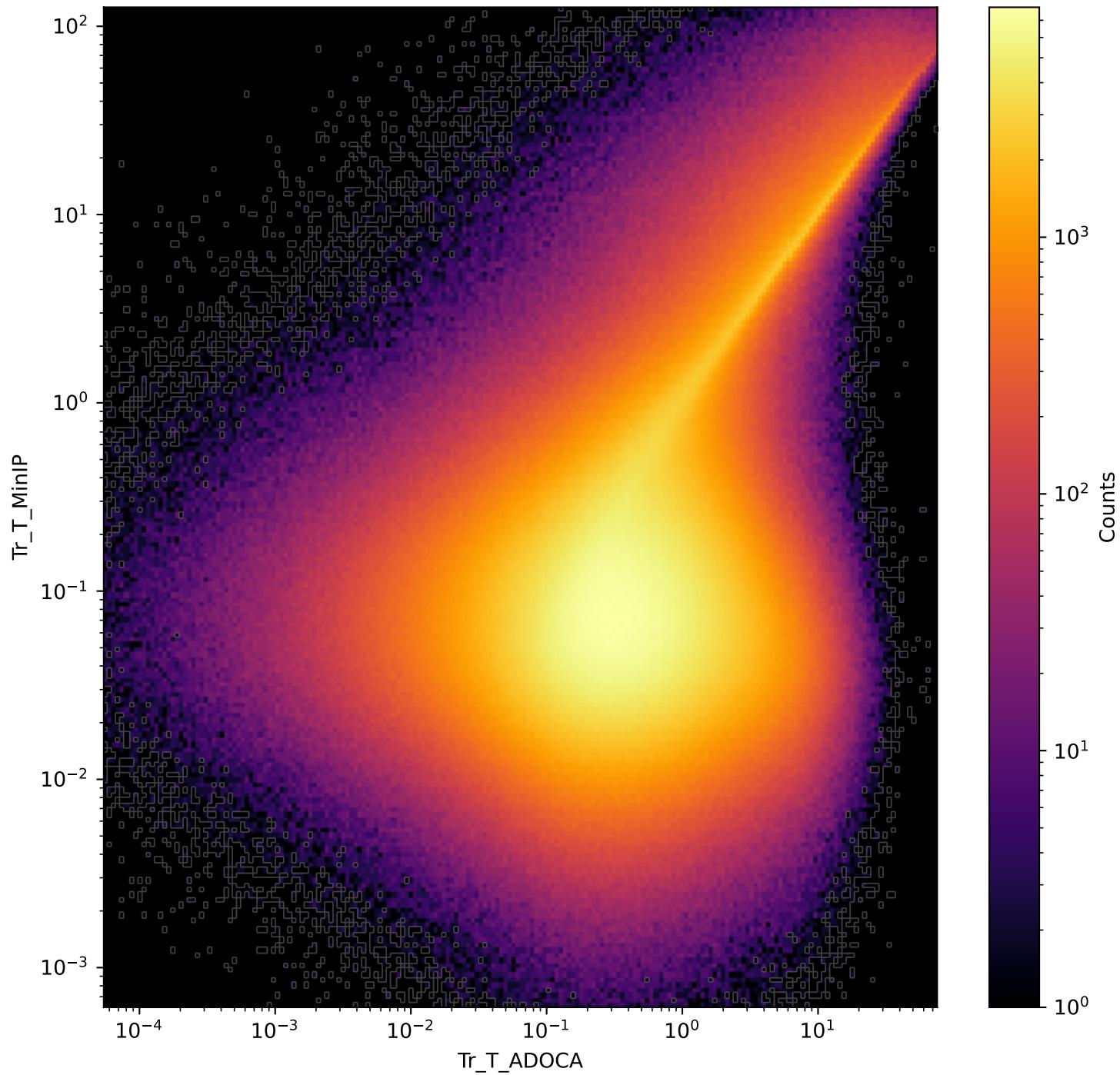
Hist2d Plot ('Tr_T_MinBDT_ult' vs 'Tr_T_SumMinBDT_ult')
correlation: 0.77708



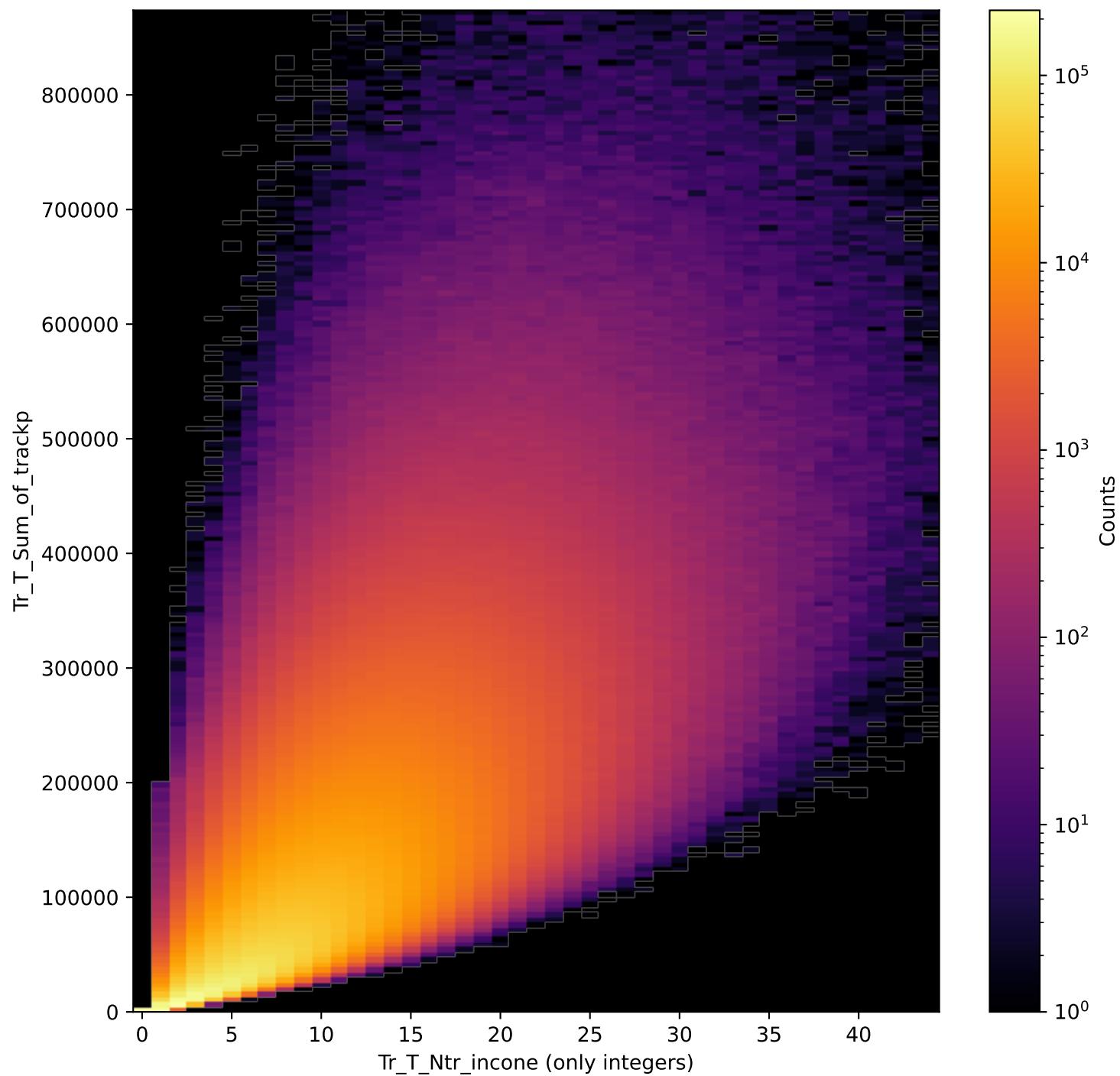
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_BPVIP')
correlation: 0.72840



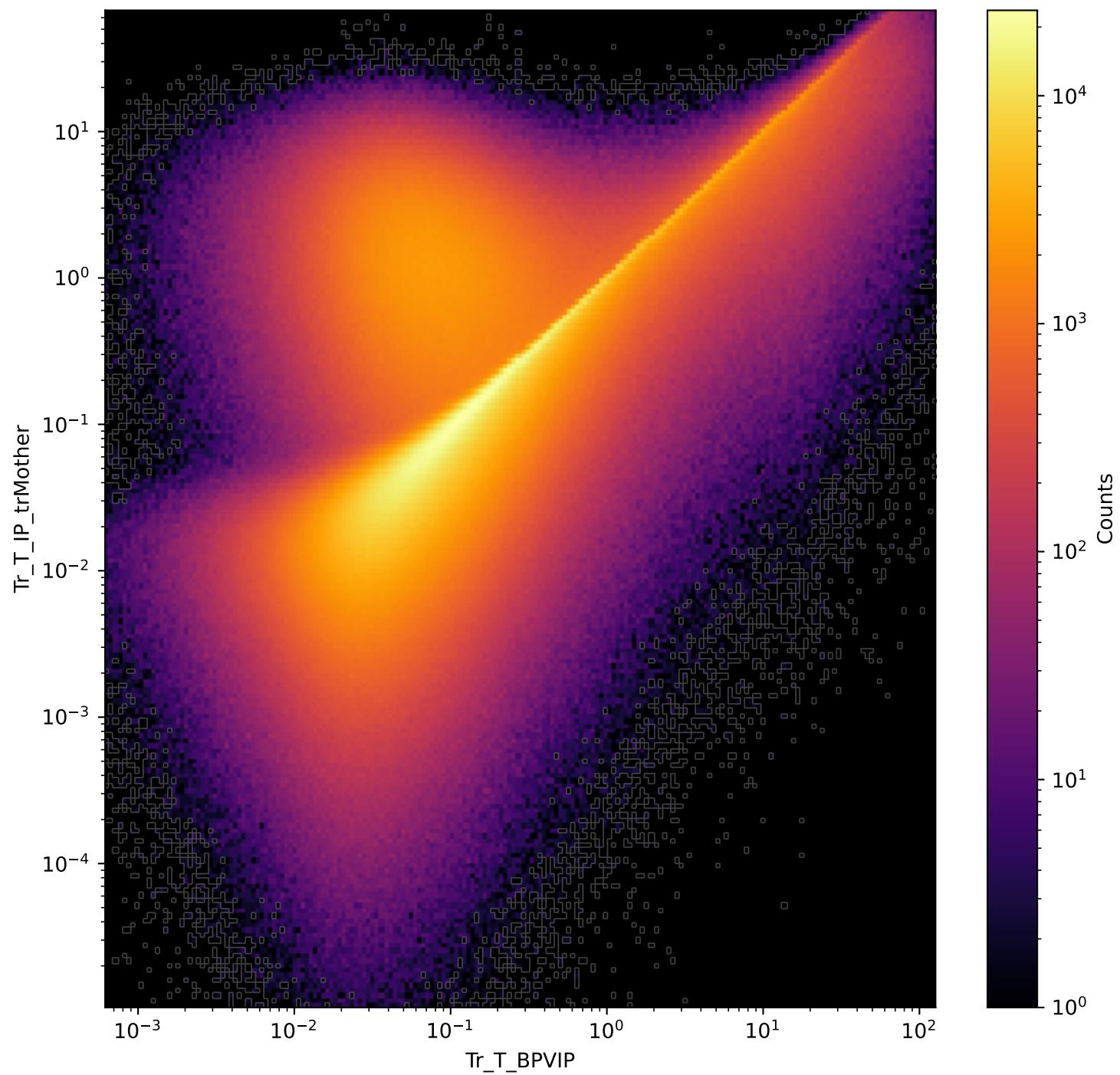
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_MinIP')
correlation: 0.72835



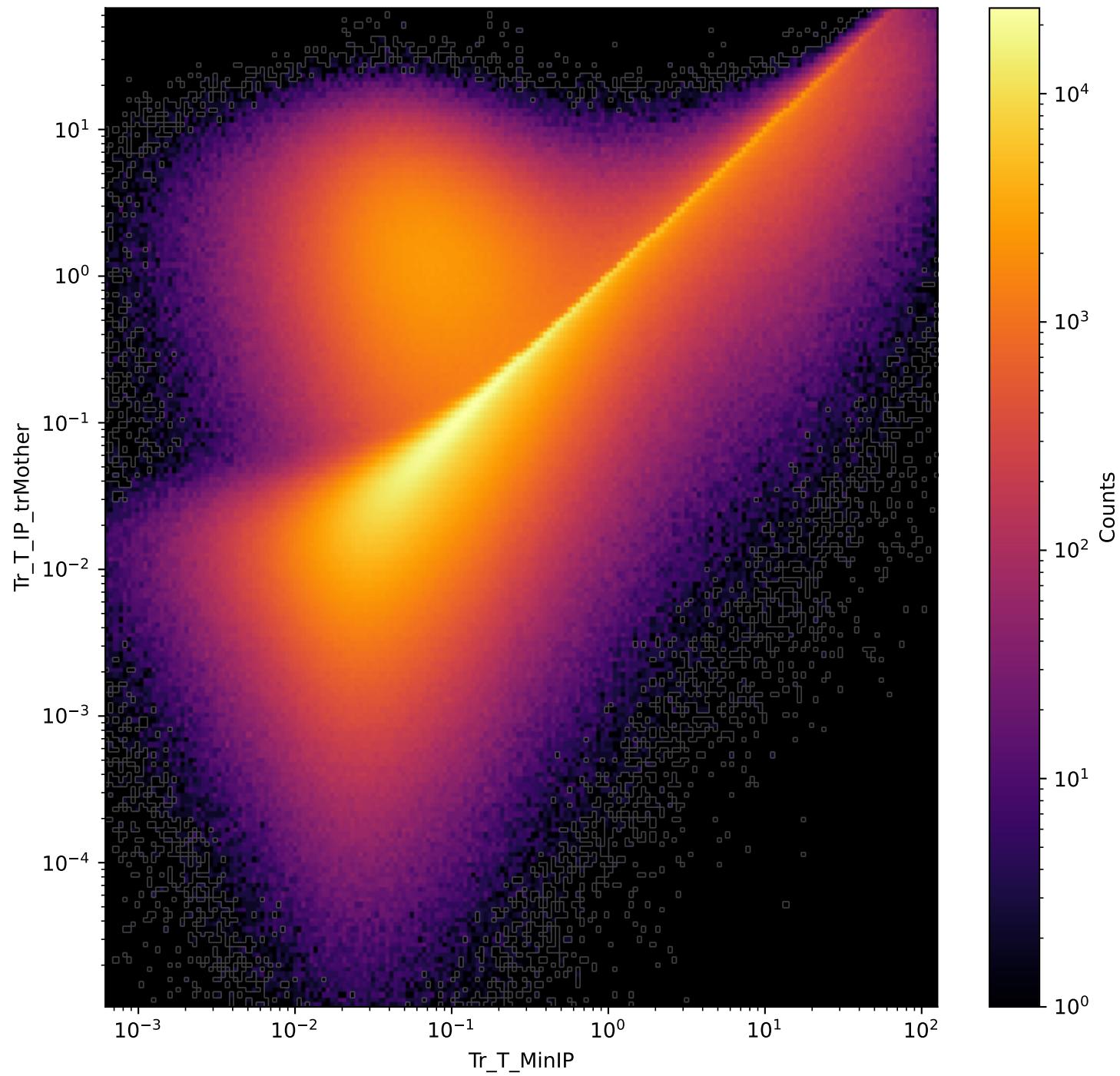
Hist2d Plot ('Tr_T_Ntr_incone' vs 'Tr_T_Sum_of_trackp')
correlation: 0.72802



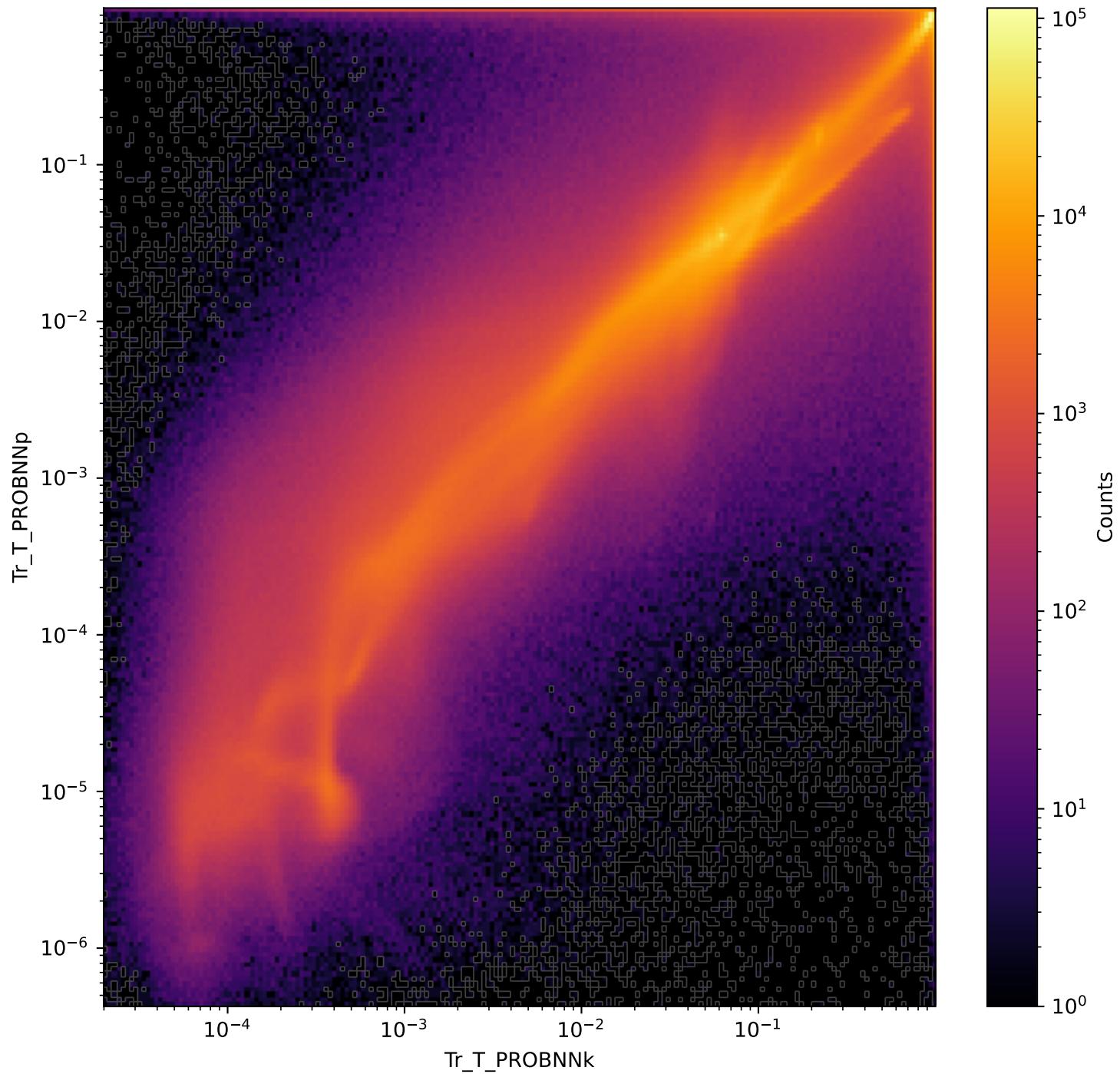
Hist2d Plot ('Tr_T_BPVIP' vs 'Tr_T_IP_trMother')
correlation: 0.72587



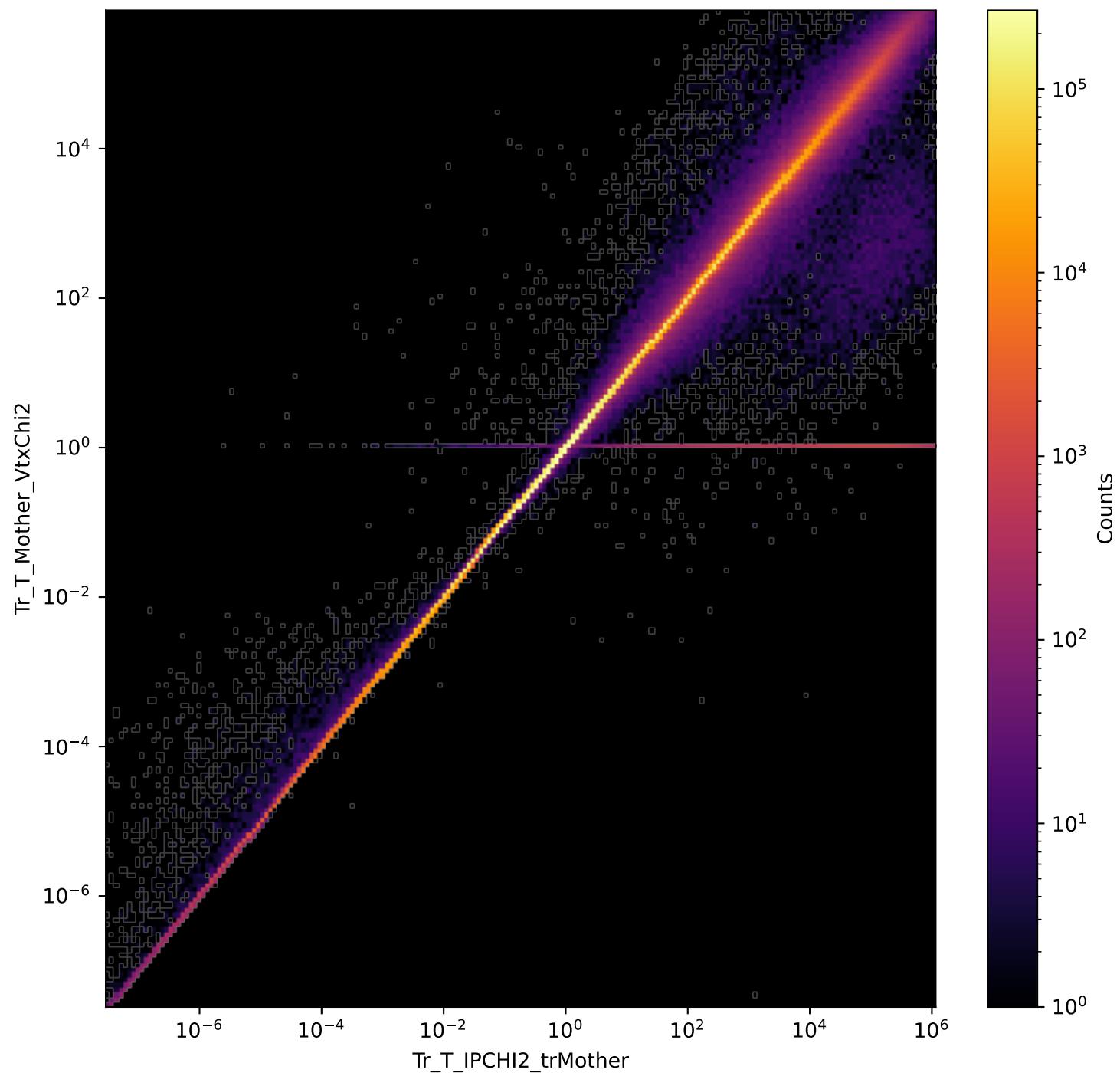
Hist2d Plot ('Tr_T_MinIP' vs 'Tr_T_IP_trMother')
correlation: 0.72539



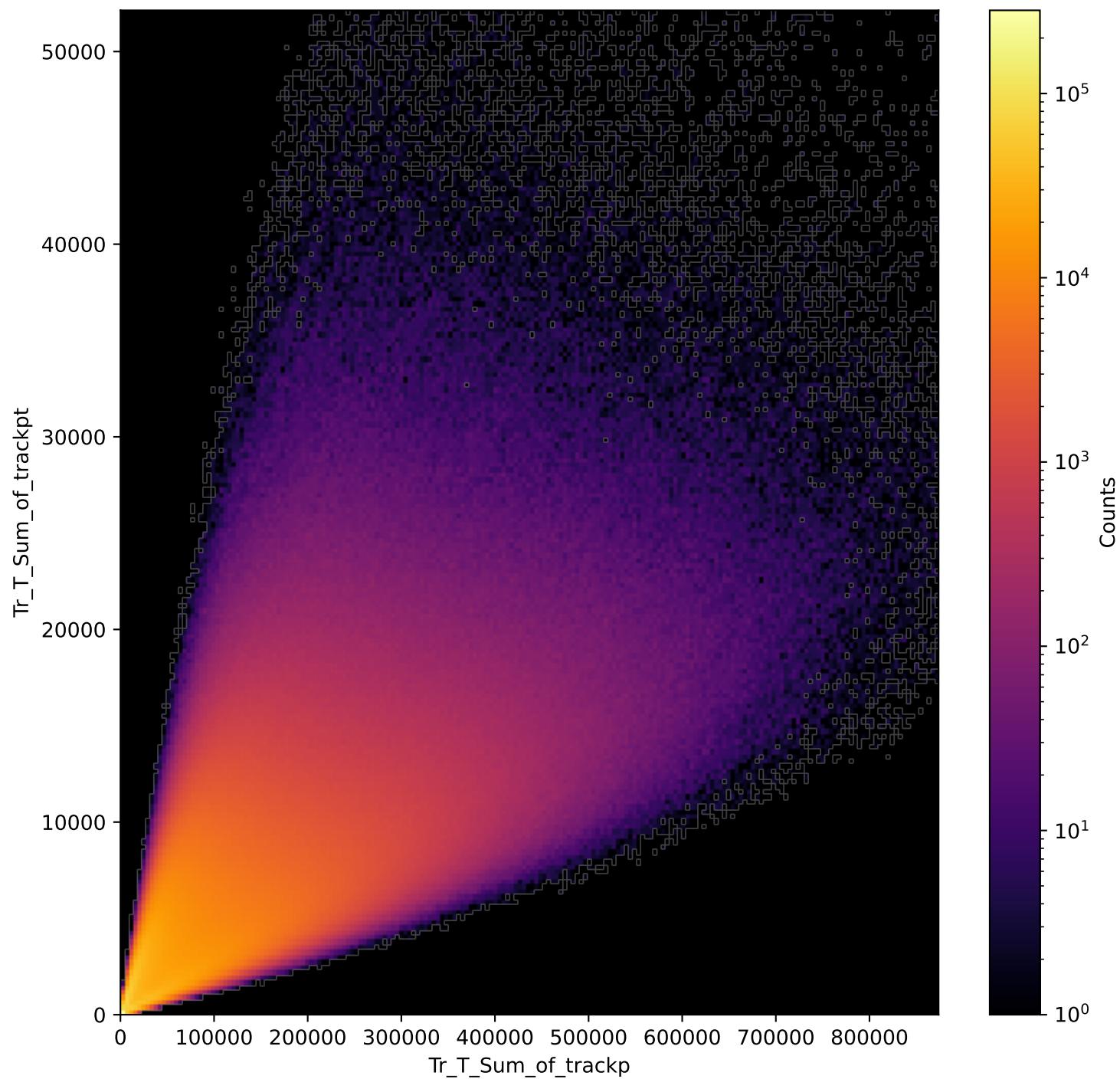
Hist2d Plot ('Tr_T_PROBNNk' vs 'Tr_T_PROBNNp')
correlation: 0.71319



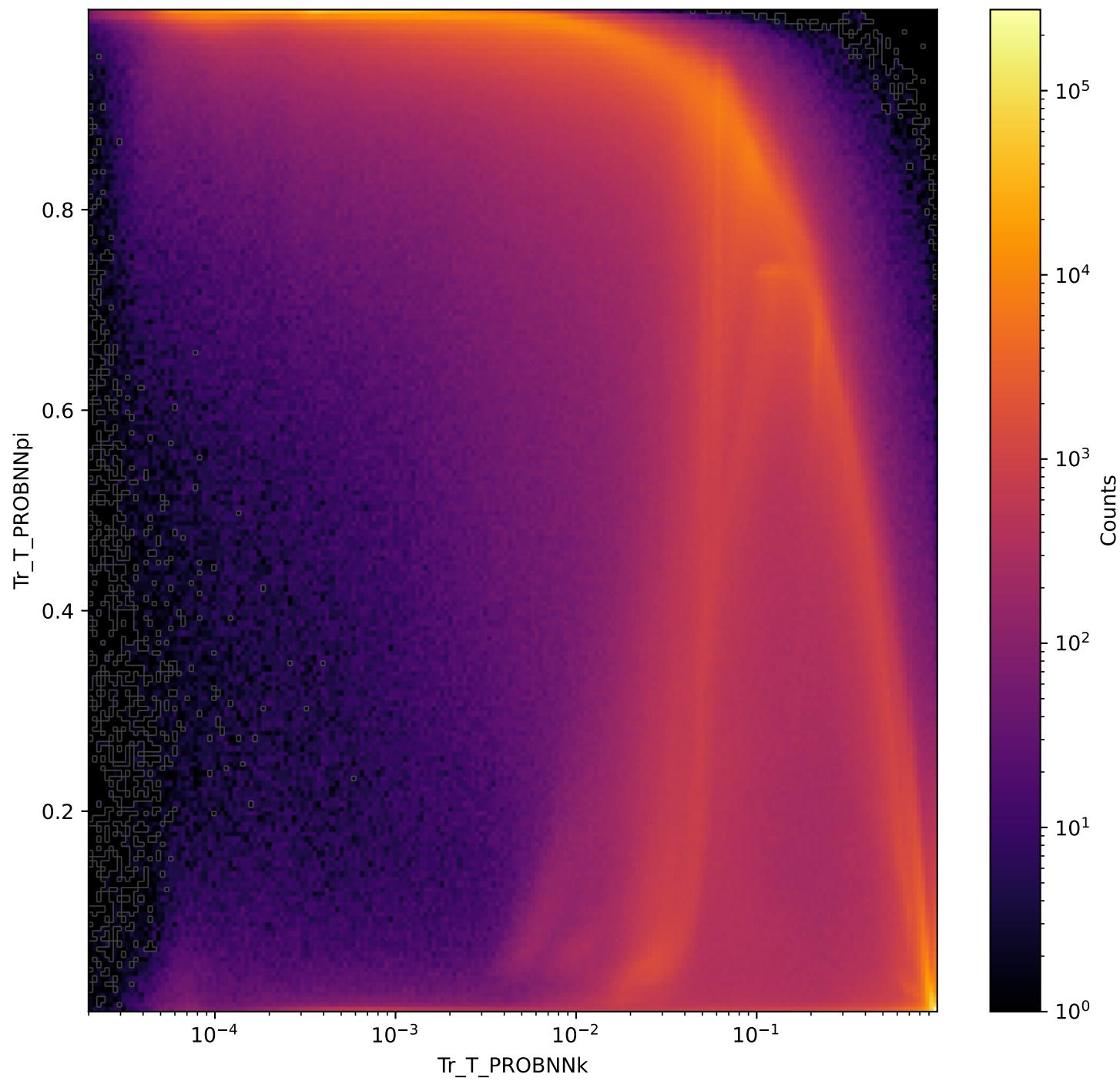
Hist2d Plot ('Tr_T_IPCHI2_trMother' vs 'Tr_T_Mother_VtxChi2')
correlation: 0.69296



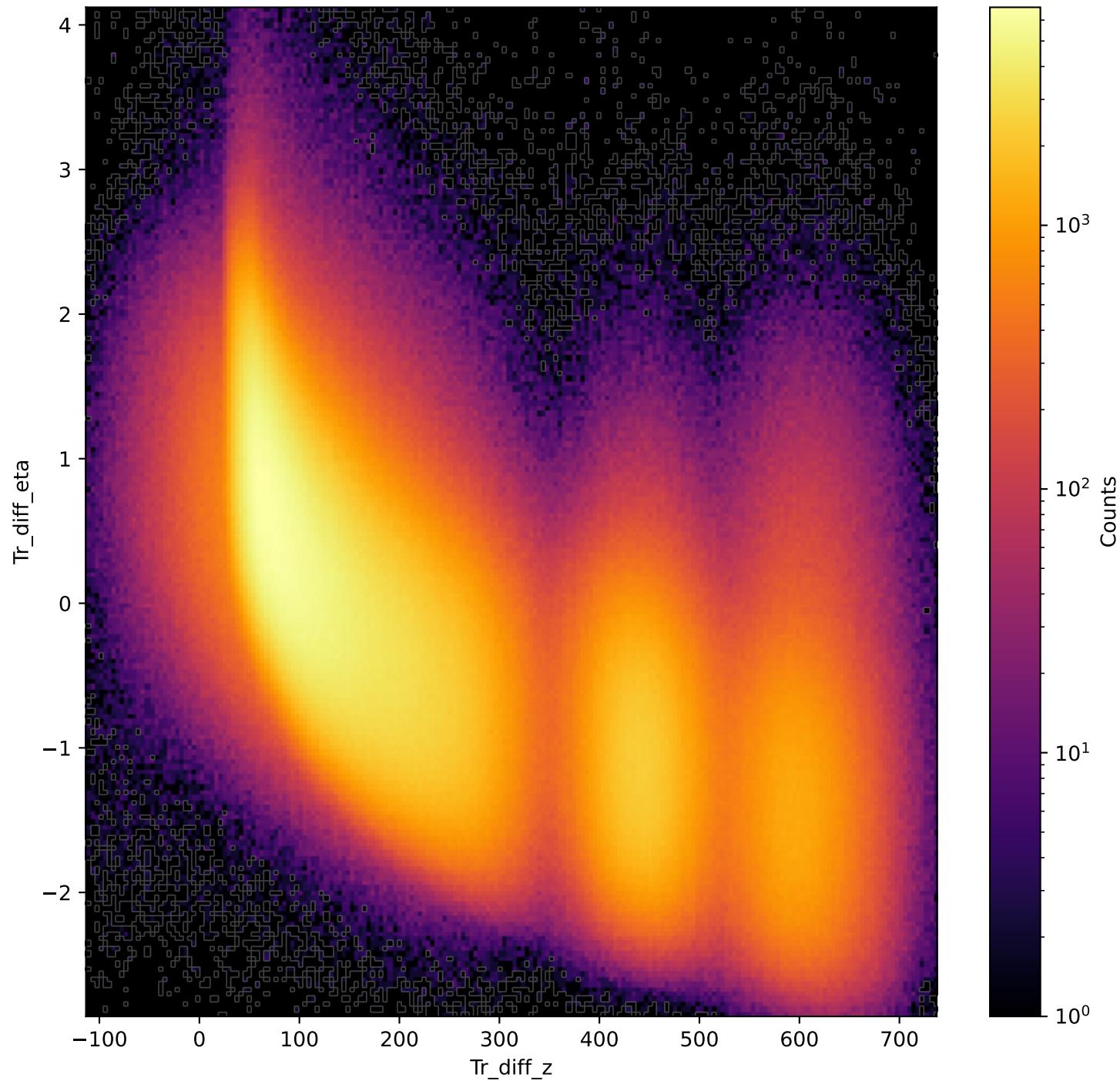
Hist2d Plot ('Tr_T_Sum_of_trackp' vs 'Tr_T_Sum_of_trackpt')
correlation: 0.69018



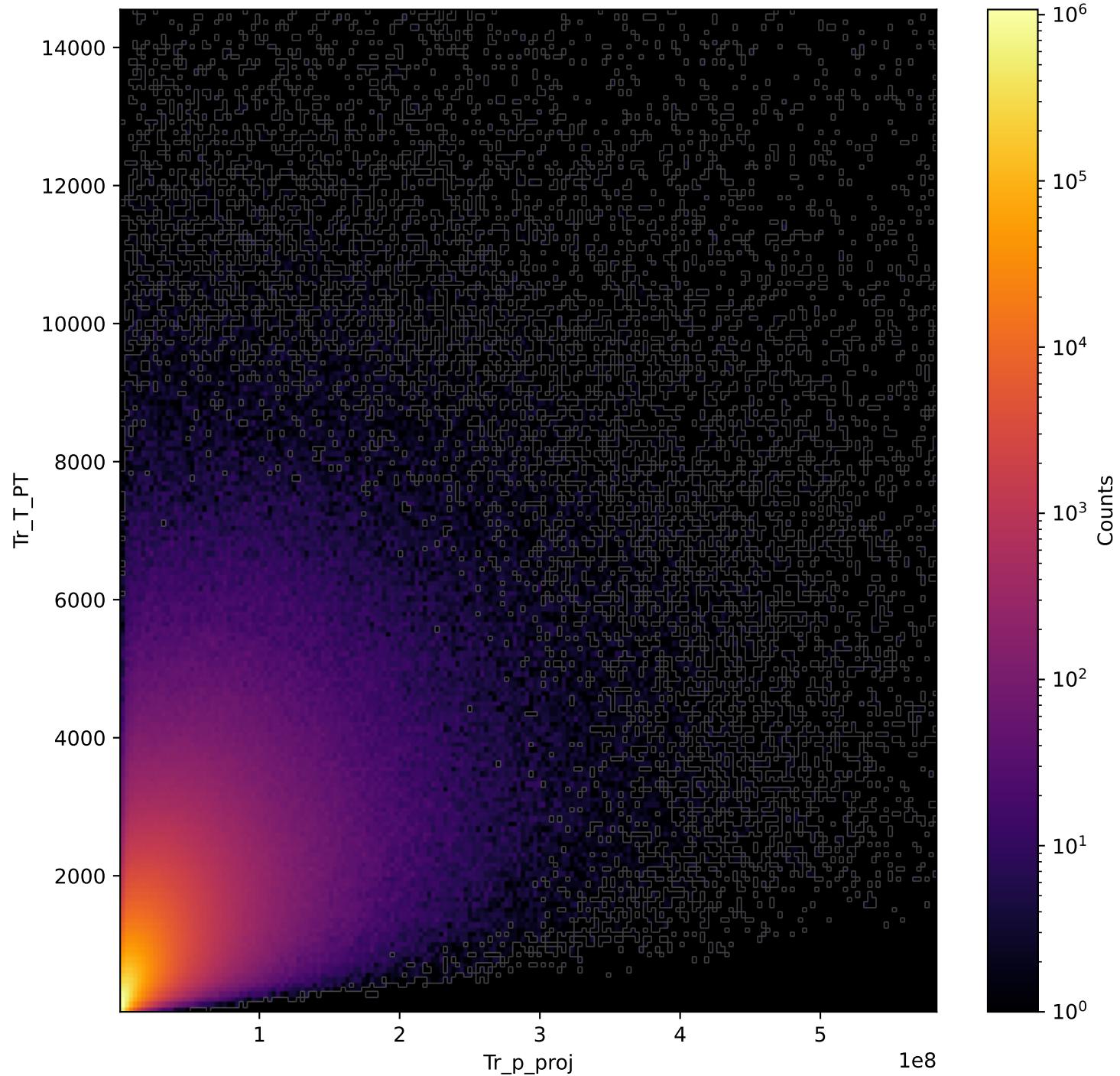
Hist2d Plot ('Tr_T_PROBNNk' vs 'Tr_T_PROBNNpi')
correlation: -0.68454



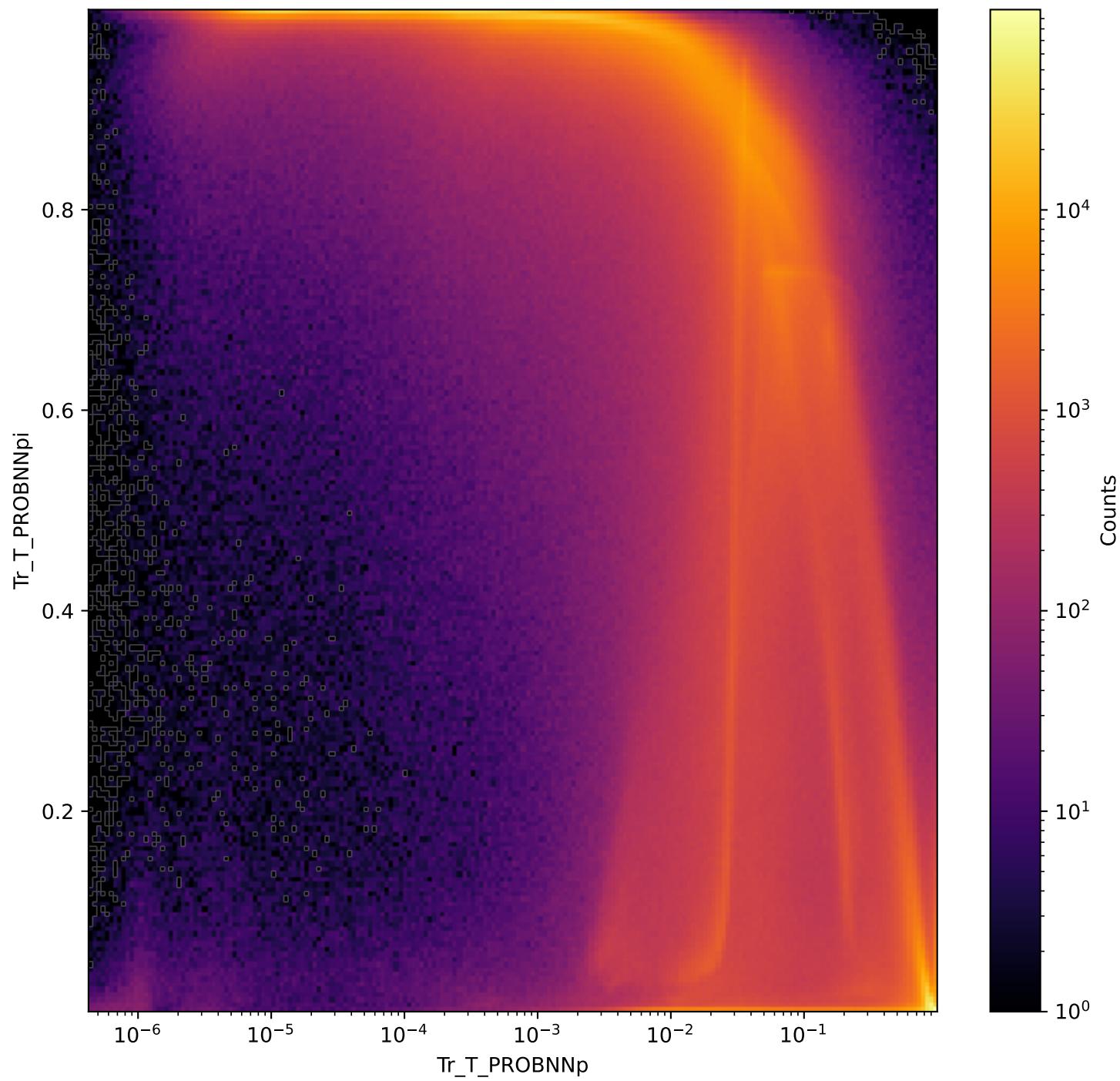
Hist2d Plot ('Tr_diff_z' vs 'Tr_diff_eta')
correlation: -0.65793



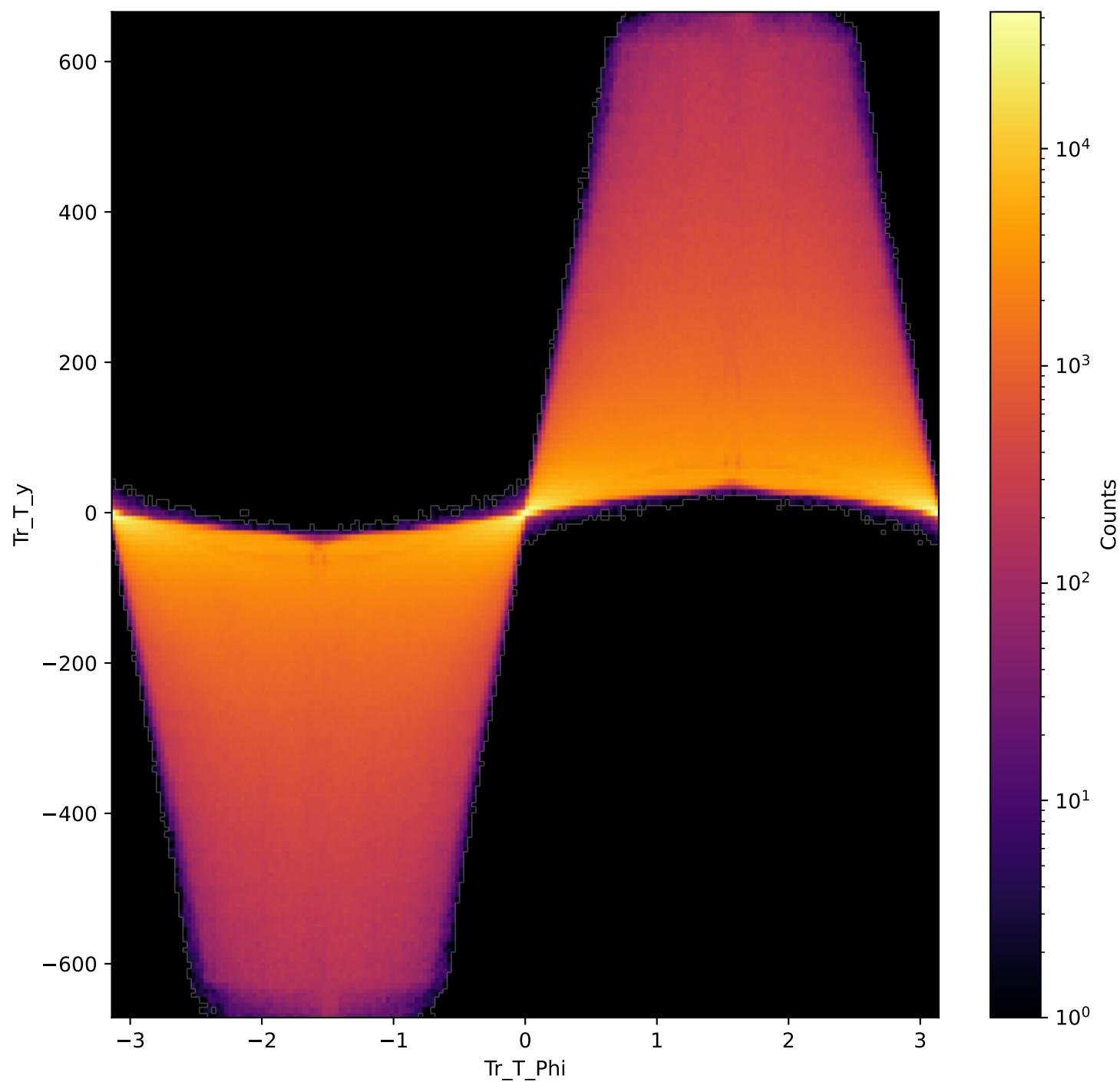
Hist2d Plot ('Tr_p_proj' vs 'Tr_T_PT')
correlation: 0.64146



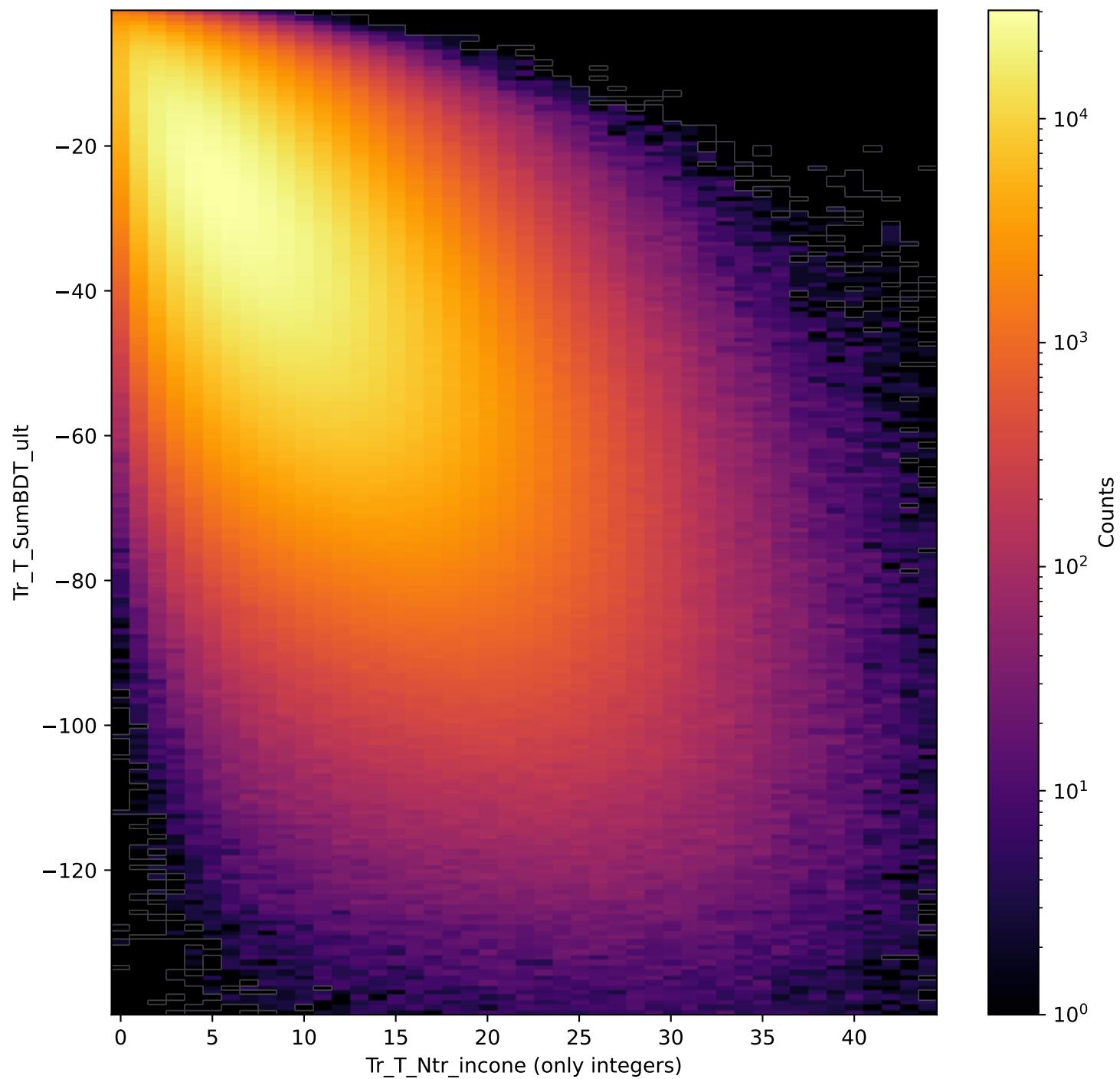
Hist2d Plot ('Tr_T_PROBNNp' vs 'Tr_T_PROBNNpi')
correlation: -0.63348



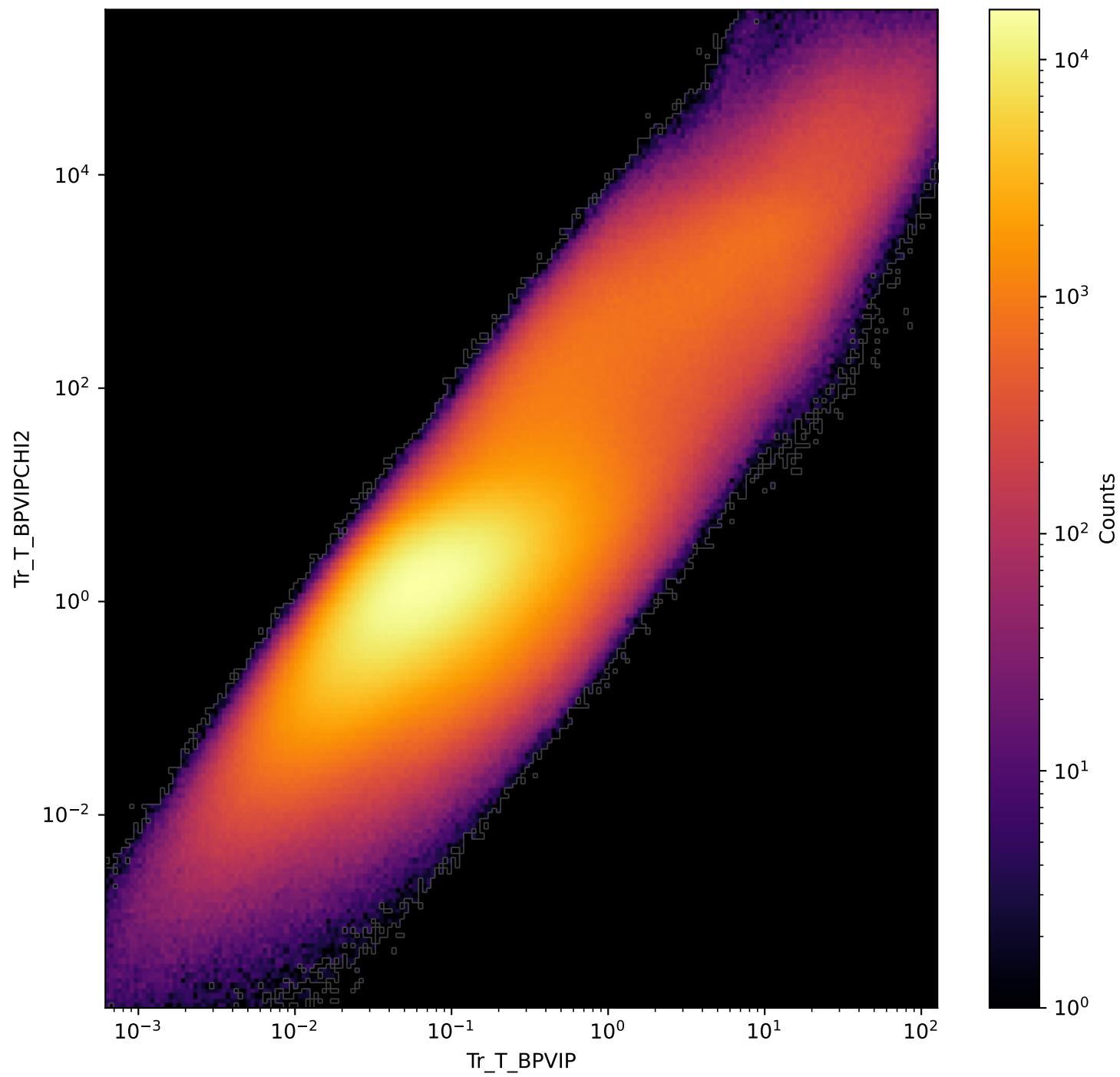
Hist2d Plot ('Tr_T_Phi' vs 'Tr_T_y')
correlation: 0.61765



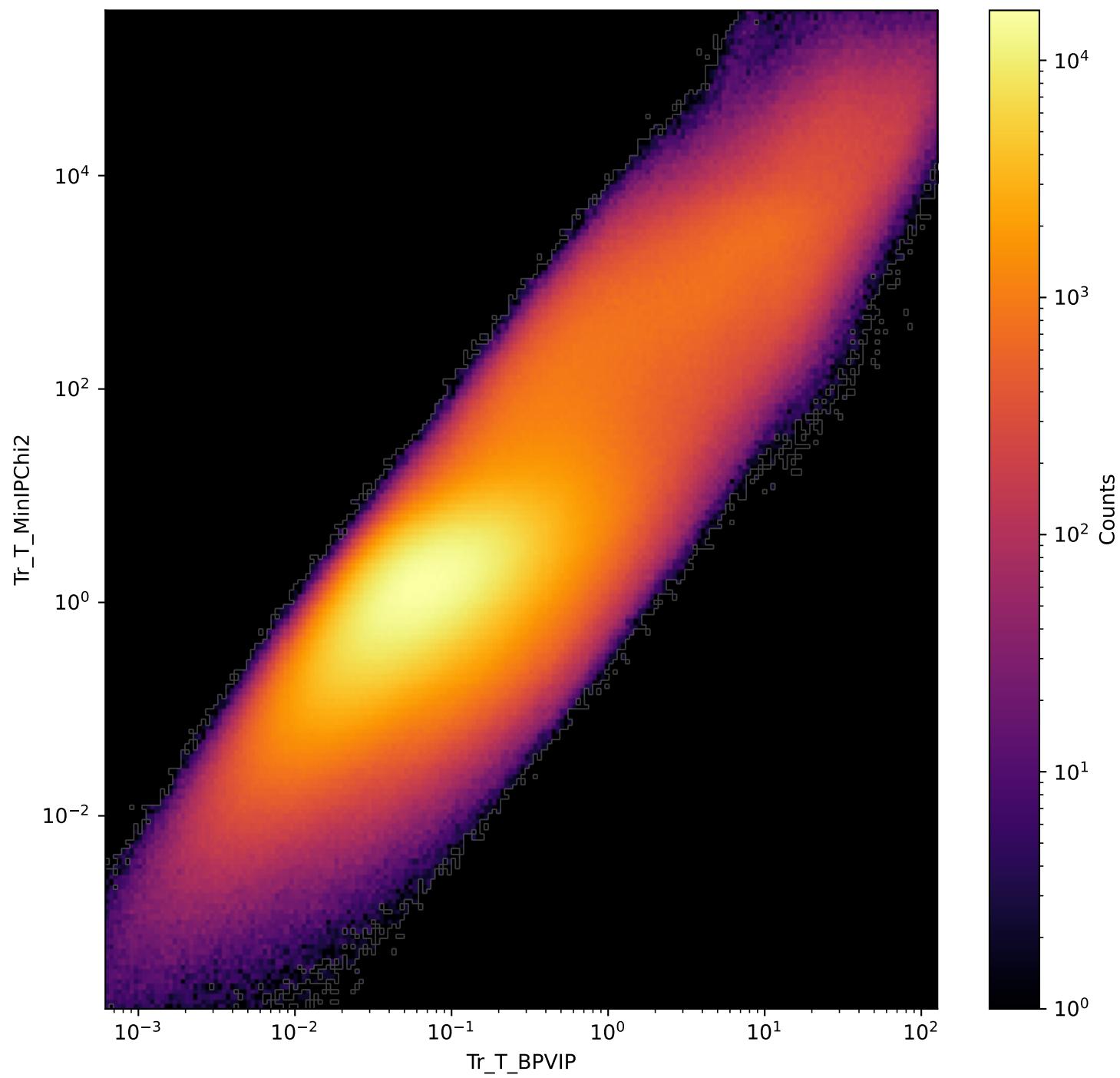
Hist2d Plot ('Tr_T_Ntr_incone' vs 'Tr_T_SumBDT_ult')
correlation: -0.60055



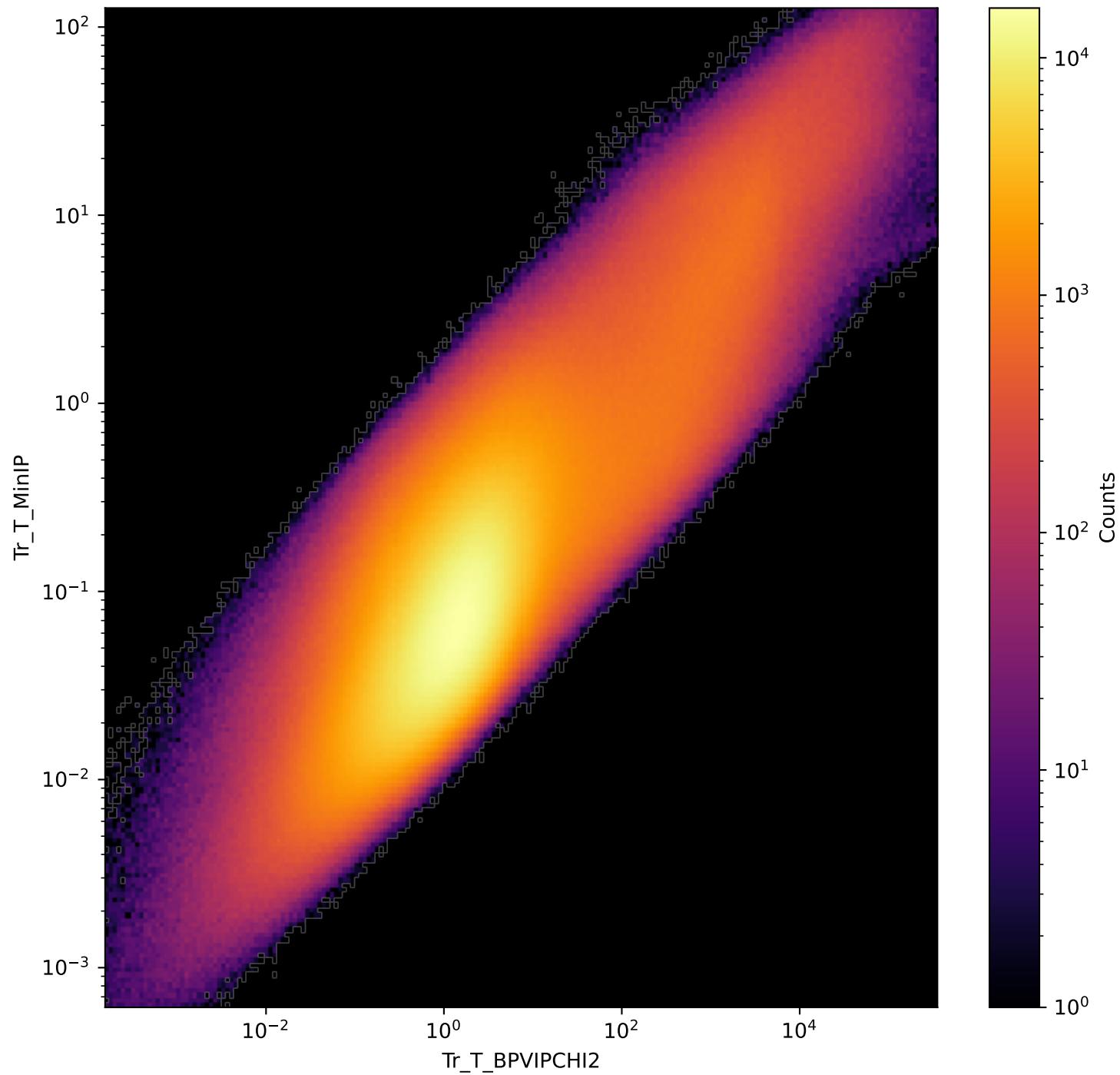
Hist2d Plot ('Tr_T_BPVIP' vs 'Tr_T_BPVIPCHI2')
correlation: 0.58601



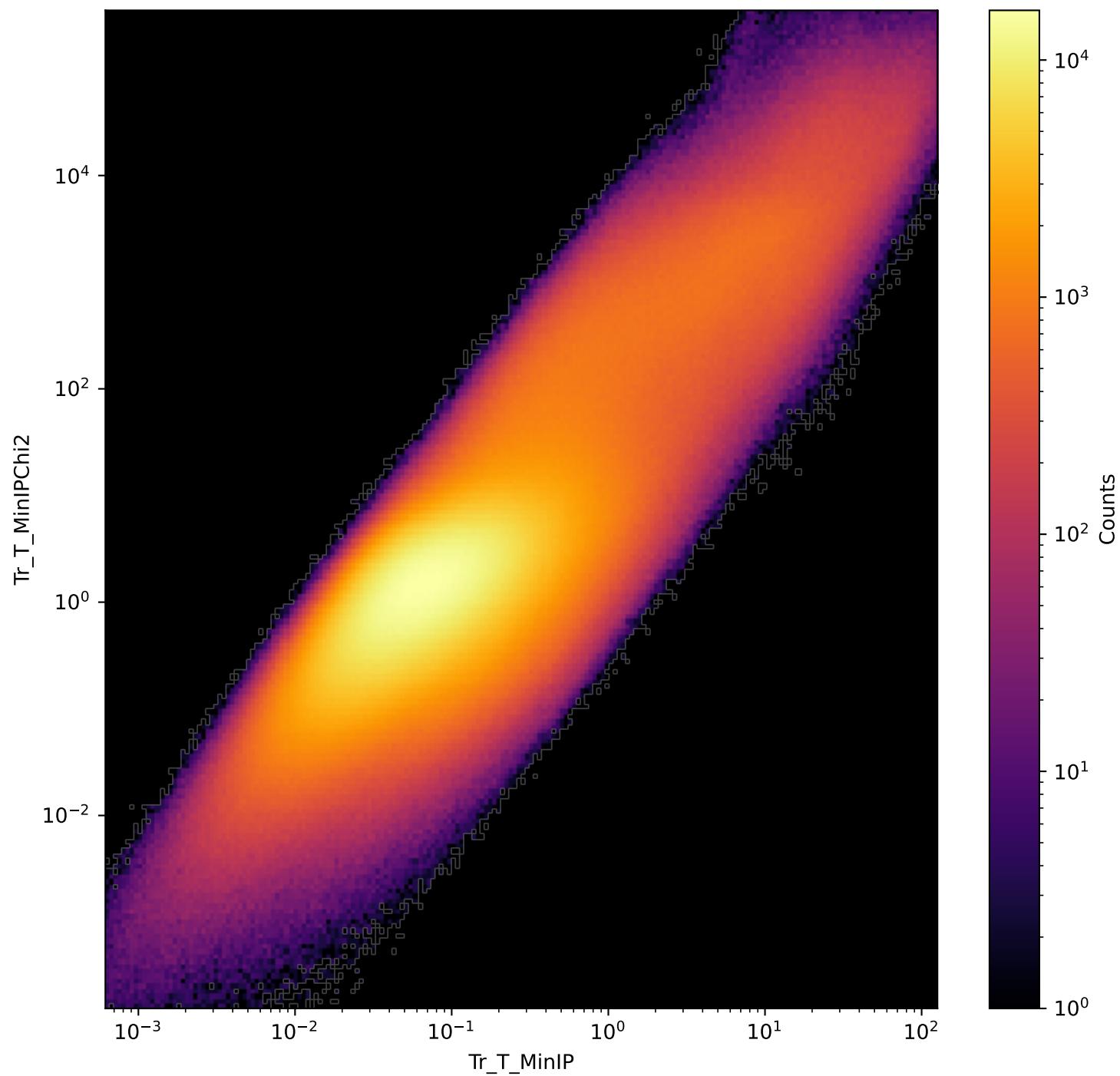
Hist2d Plot ('Tr_T_BPVIP' vs 'Tr_T_MinIPChi2')
correlation: 0.58601



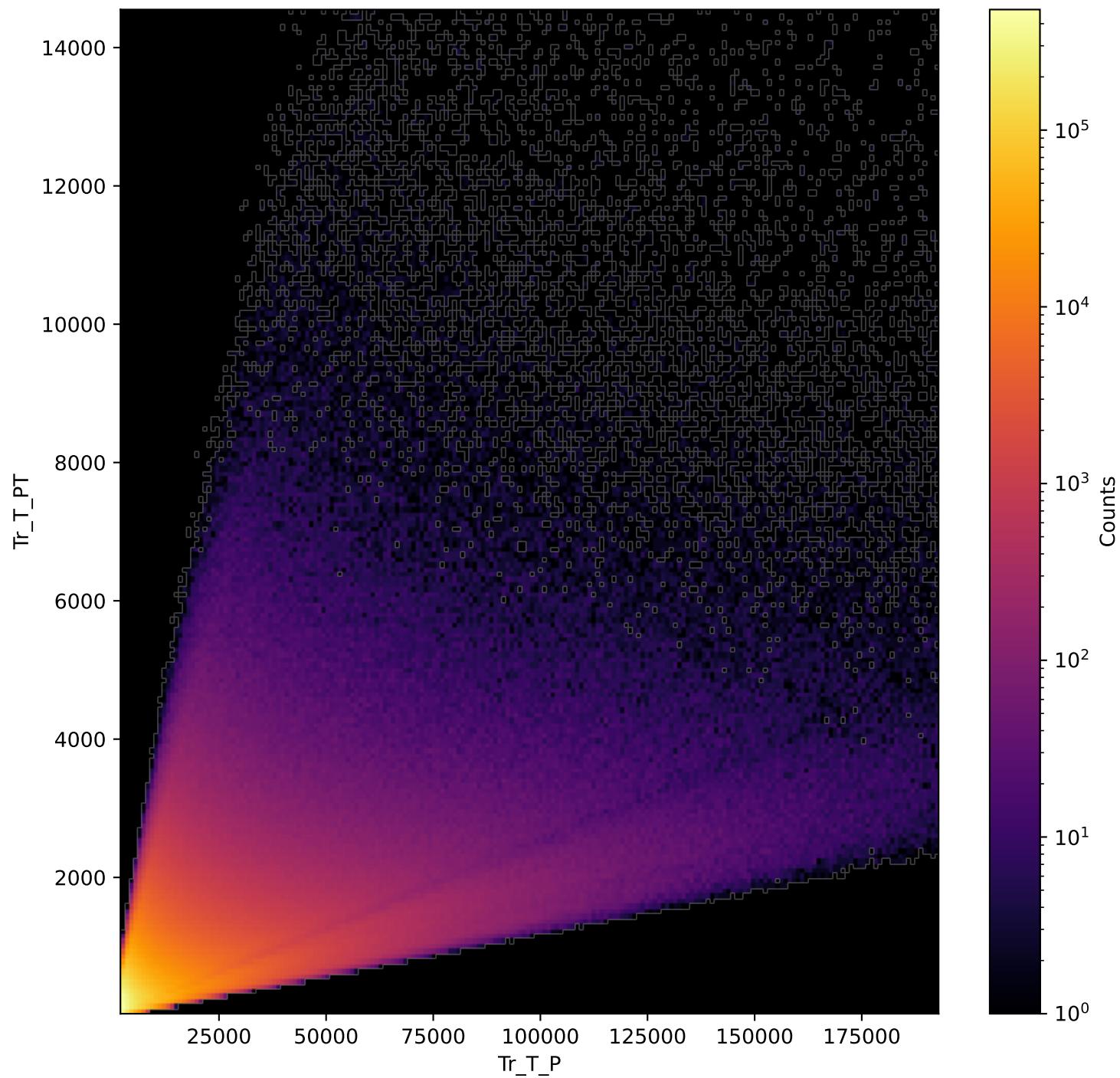
Hist2d Plot ('Tr_T_BPCHIPCHI2' vs 'Tr_T_MinIP')
correlation: 0.58408



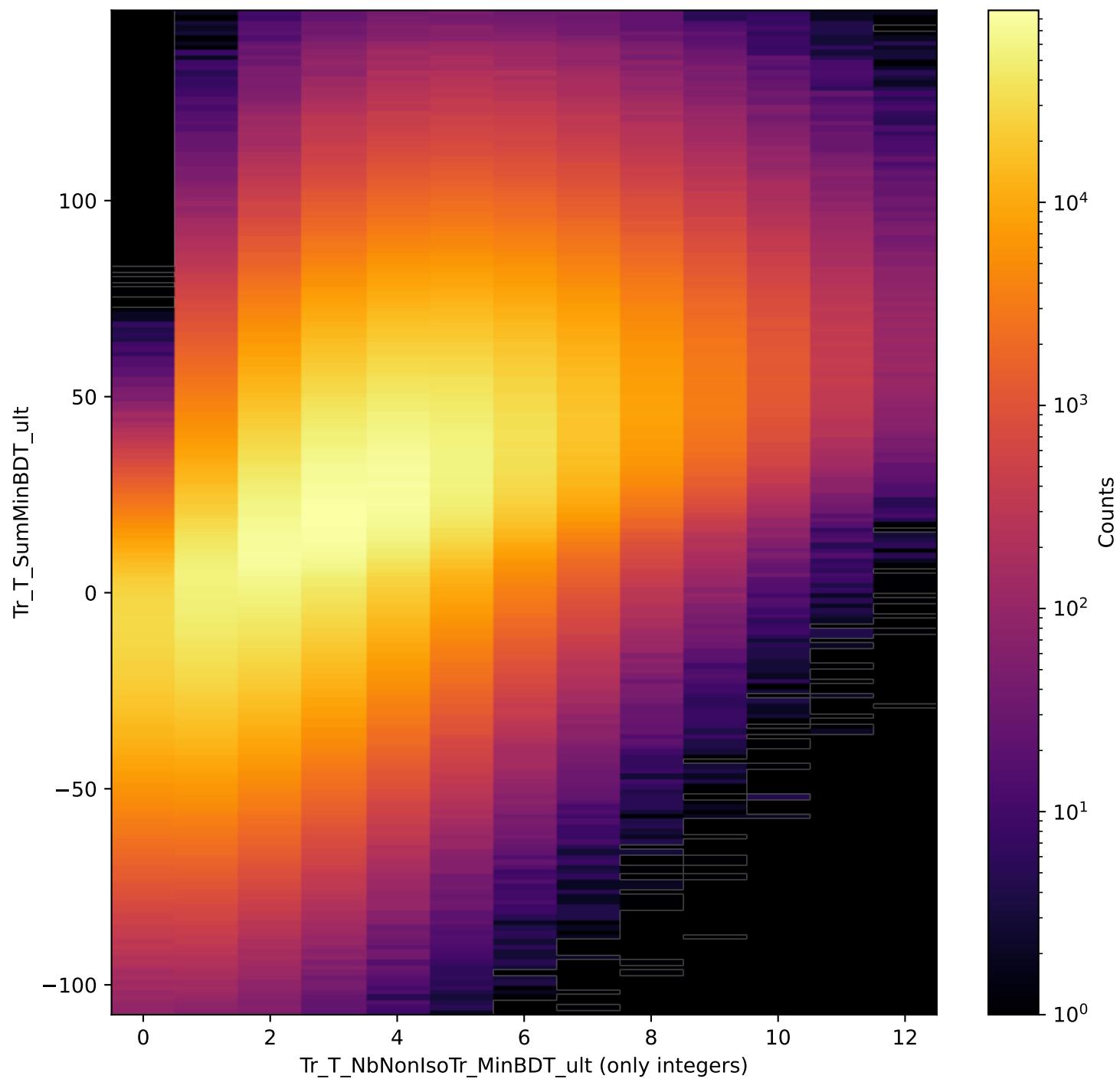
Hist2d Plot ('Tr_T_MinIP' vs 'Tr_T_MinIPChi2')
correlation: 0.58408



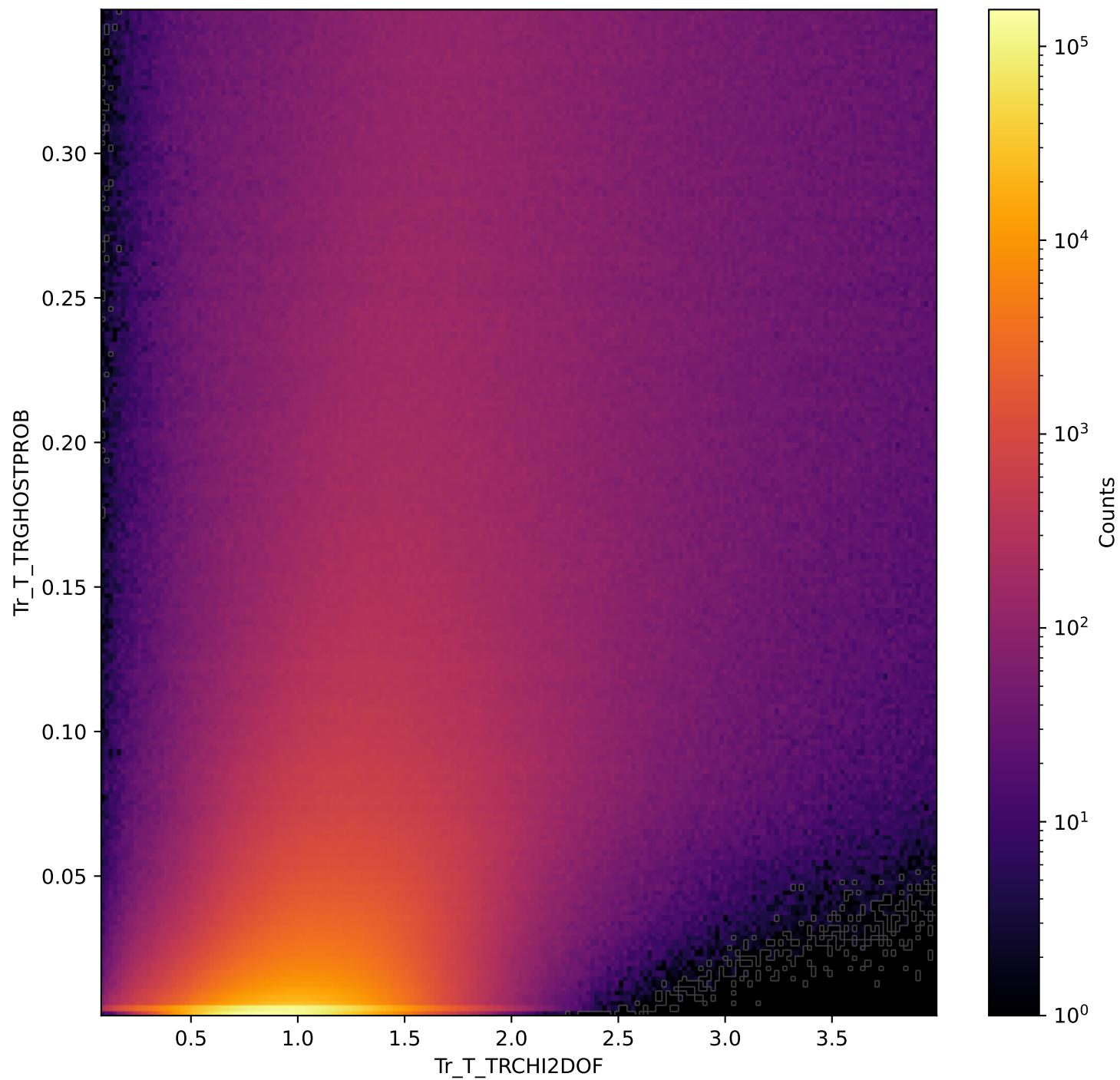
Hist2d Plot ('Tr_T_P' vs 'Tr_T_PT')
correlation: 0.58058



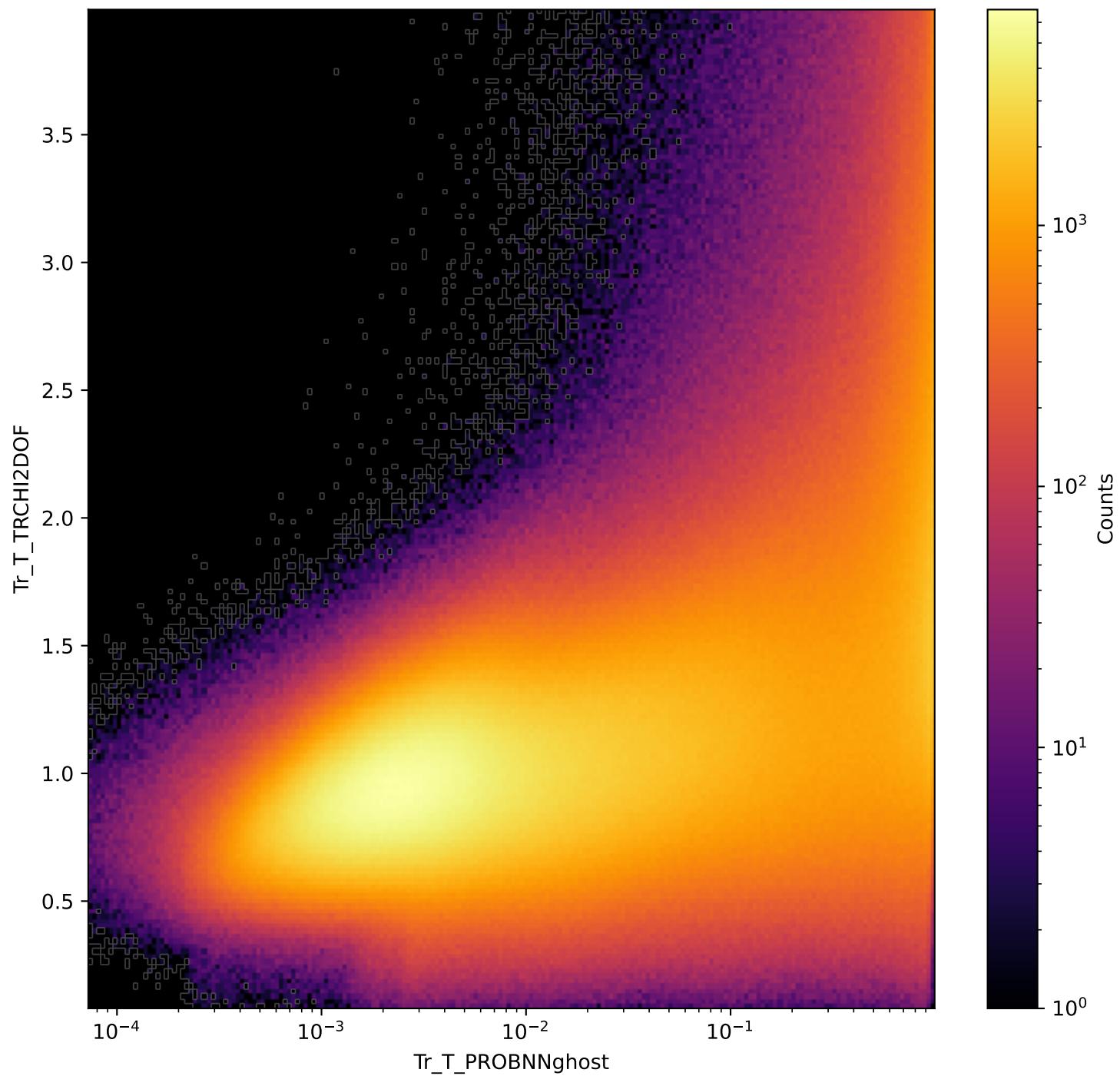
Hist2d Plot ('Tr_T_NbNonIsoTr_MinBDT_ult' vs 'Tr_T_SumMinBDT_ult')
correlation: 0.57290



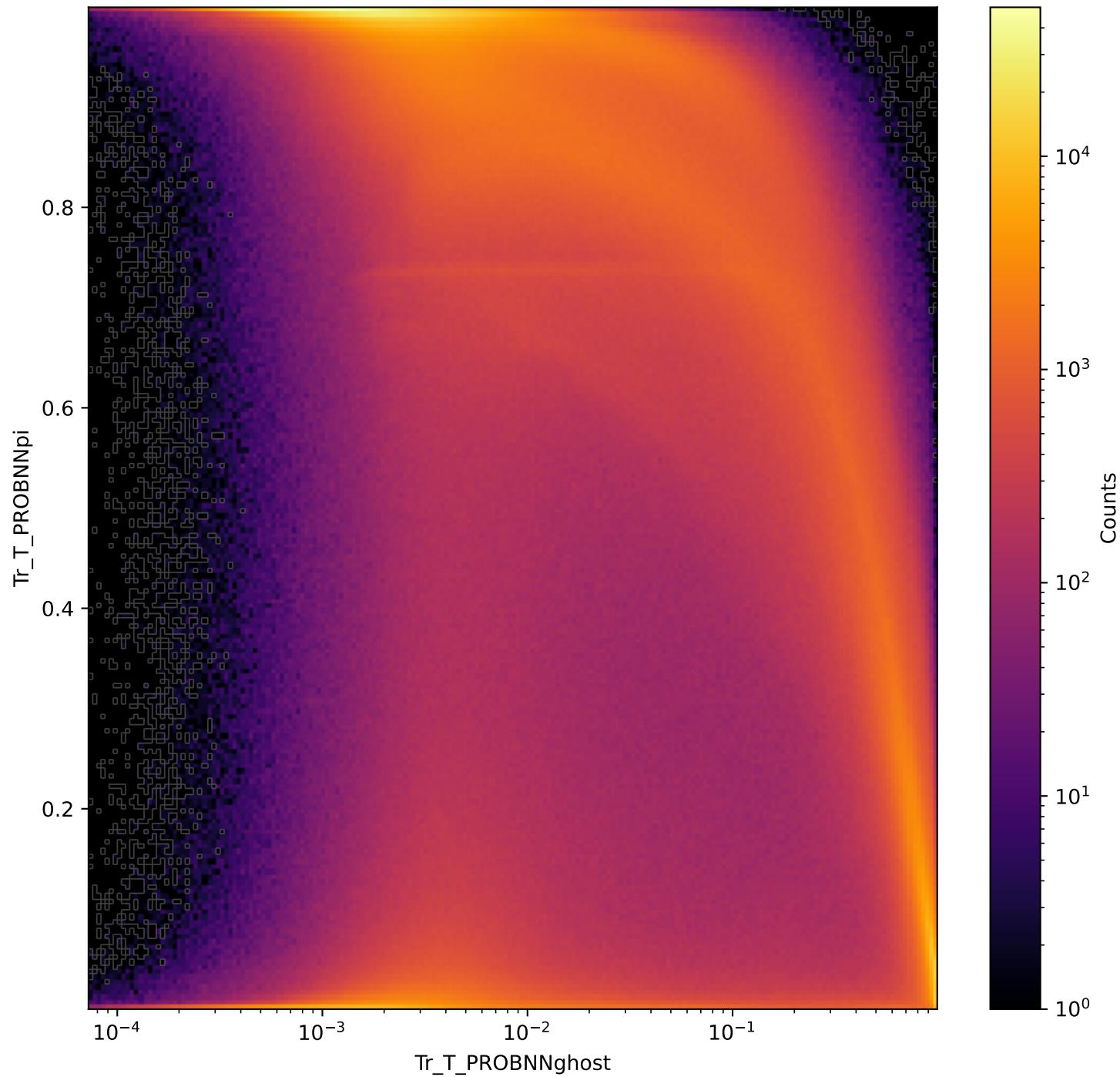
Hist2d Plot ('Tr_T_TRCHI2DOF' vs 'Tr_T_TRGHOSTPROB')
correlation: 0.56801



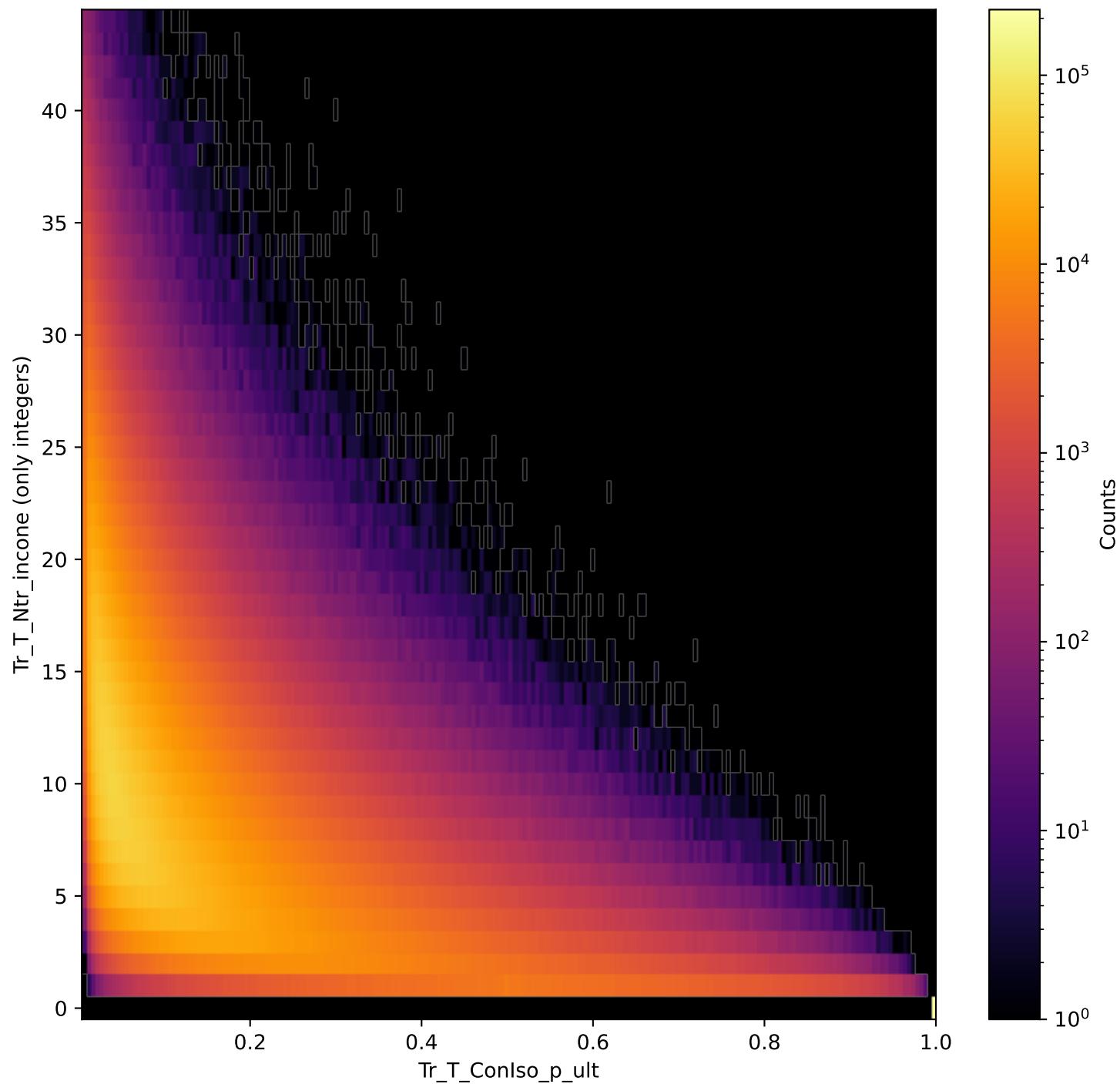
Hist2d Plot ('Tr_T_PROBNNghost' vs 'Tr_T_TRCHI2DOF')
correlation: 0.54012



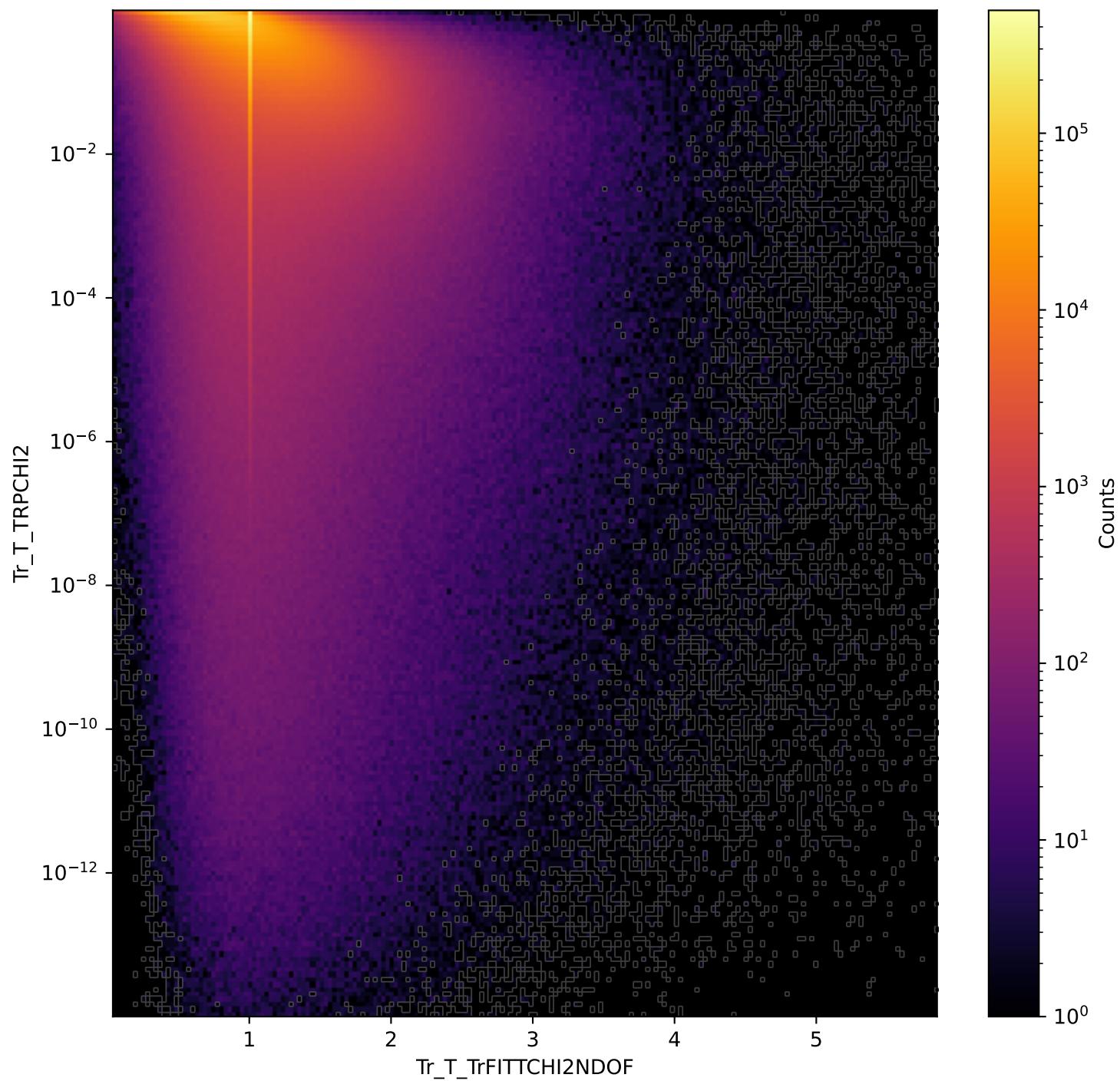
Hist2d Plot ('Tr_T_PROBNNghost' vs 'Tr_T_PROBNNpi')
correlation: -0.52628



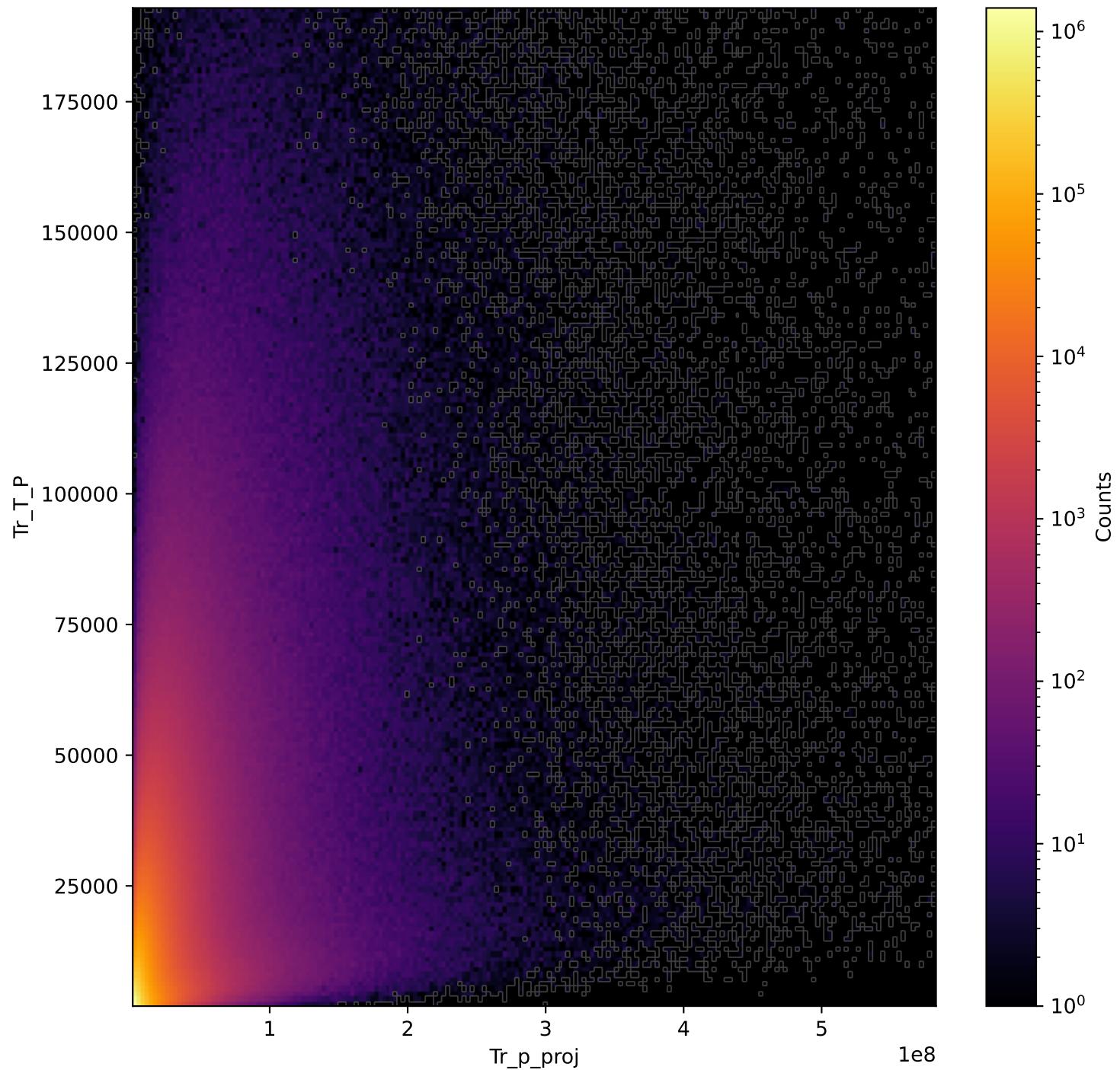
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_Ntr_incone')
correlation: -0.52484



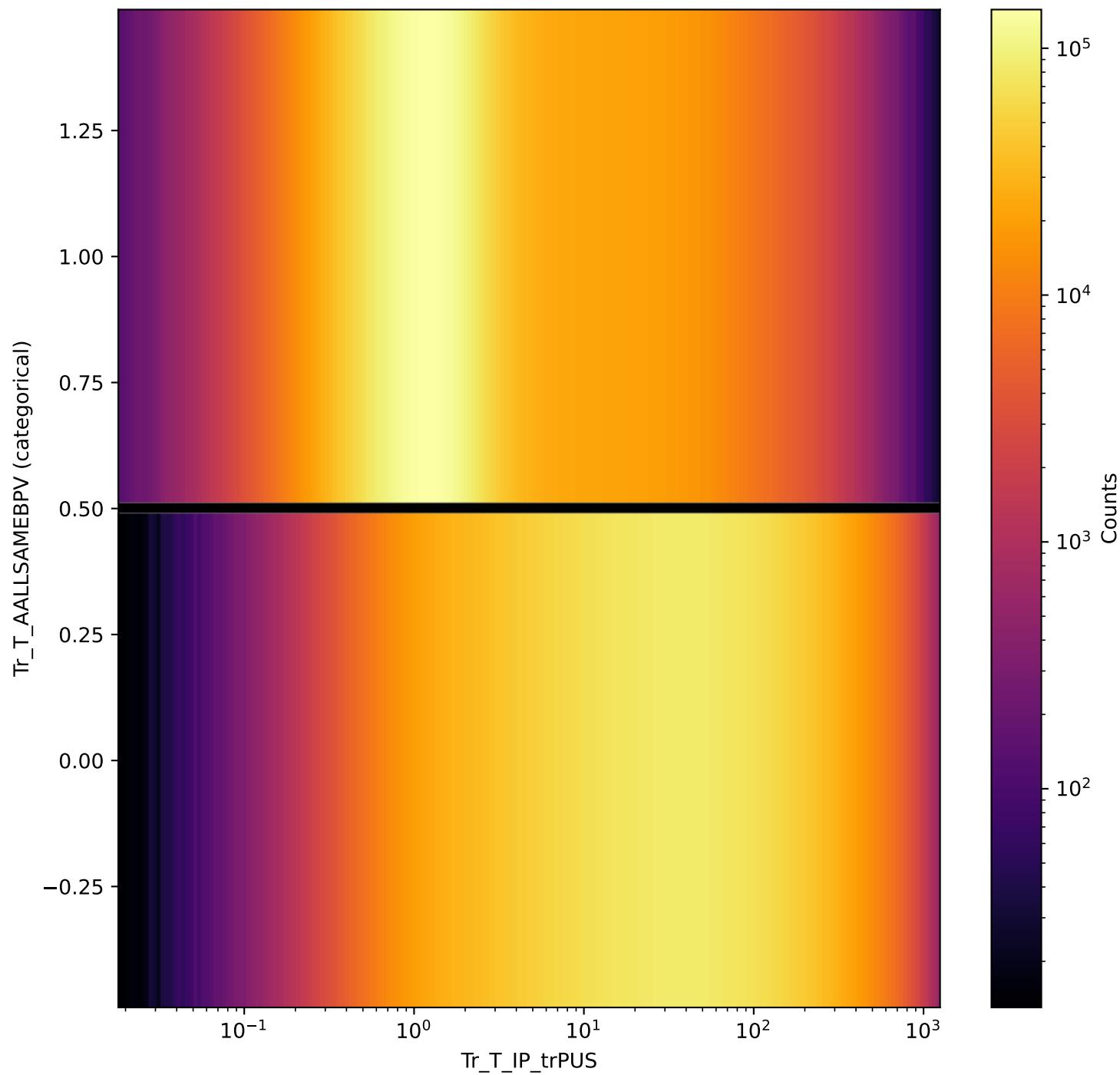
Hist2d Plot ('Tr_T_TrFITTCHI2NDOF' vs 'Tr_T_TRPCHI2')
correlation: -0.51082



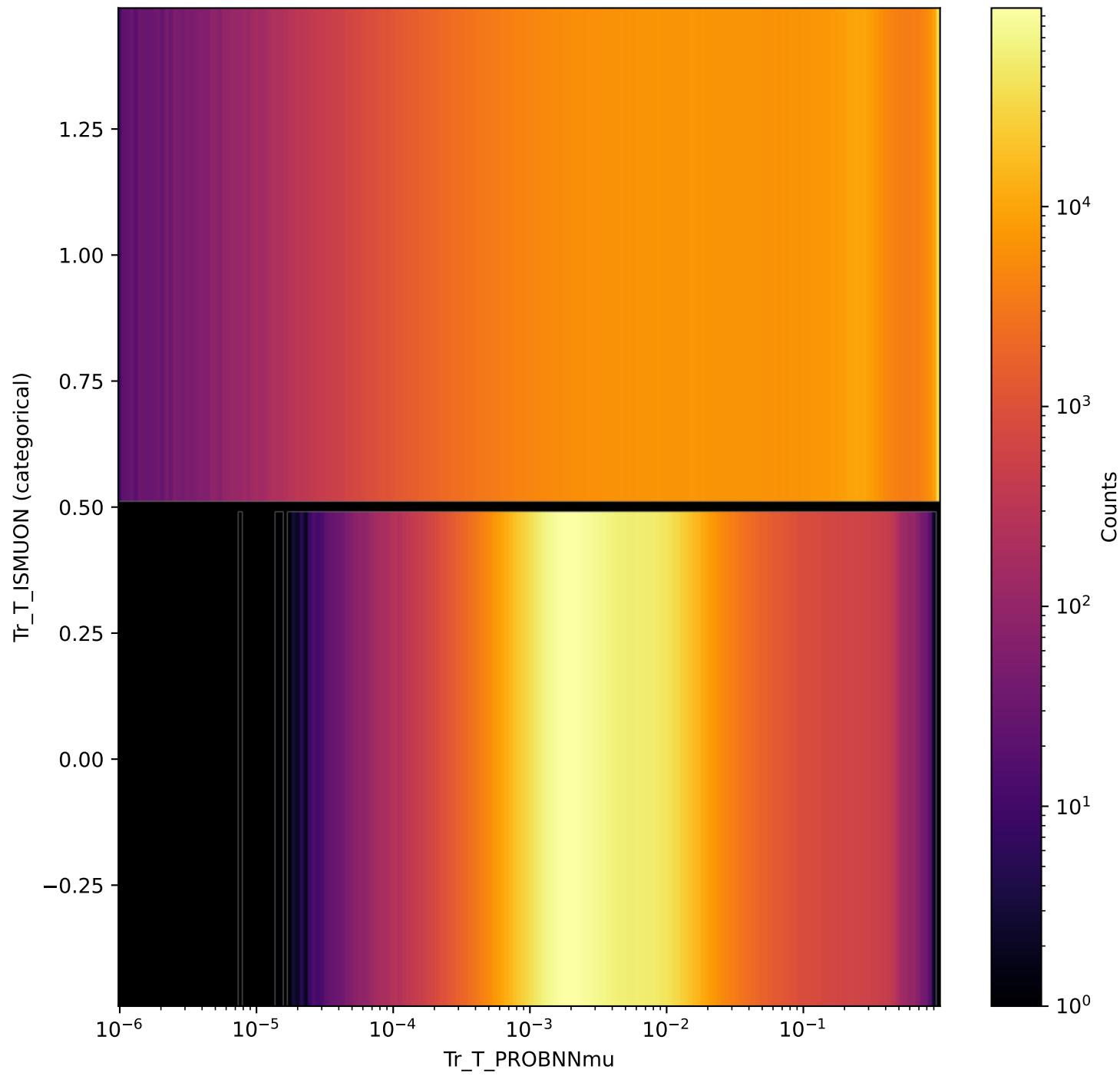
Hist2d Plot ('Tr_p_proj' vs 'Tr_T_P')
correlation: 0.50963



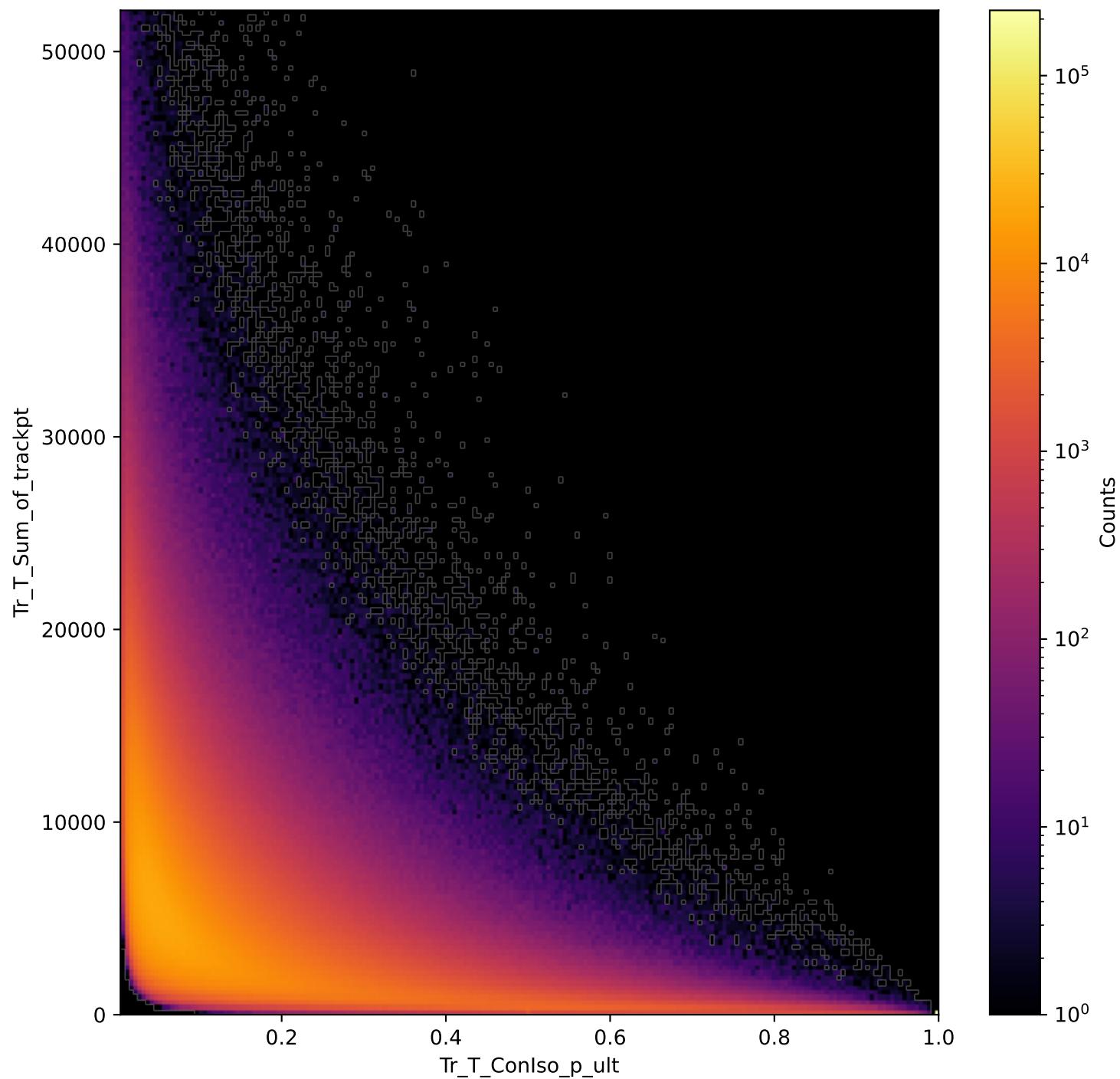
Hist2d Plot ('Tr_T_IP_trPUS' vs 'Tr_T_AALLSAMEBPV')
correlation: -0.48567



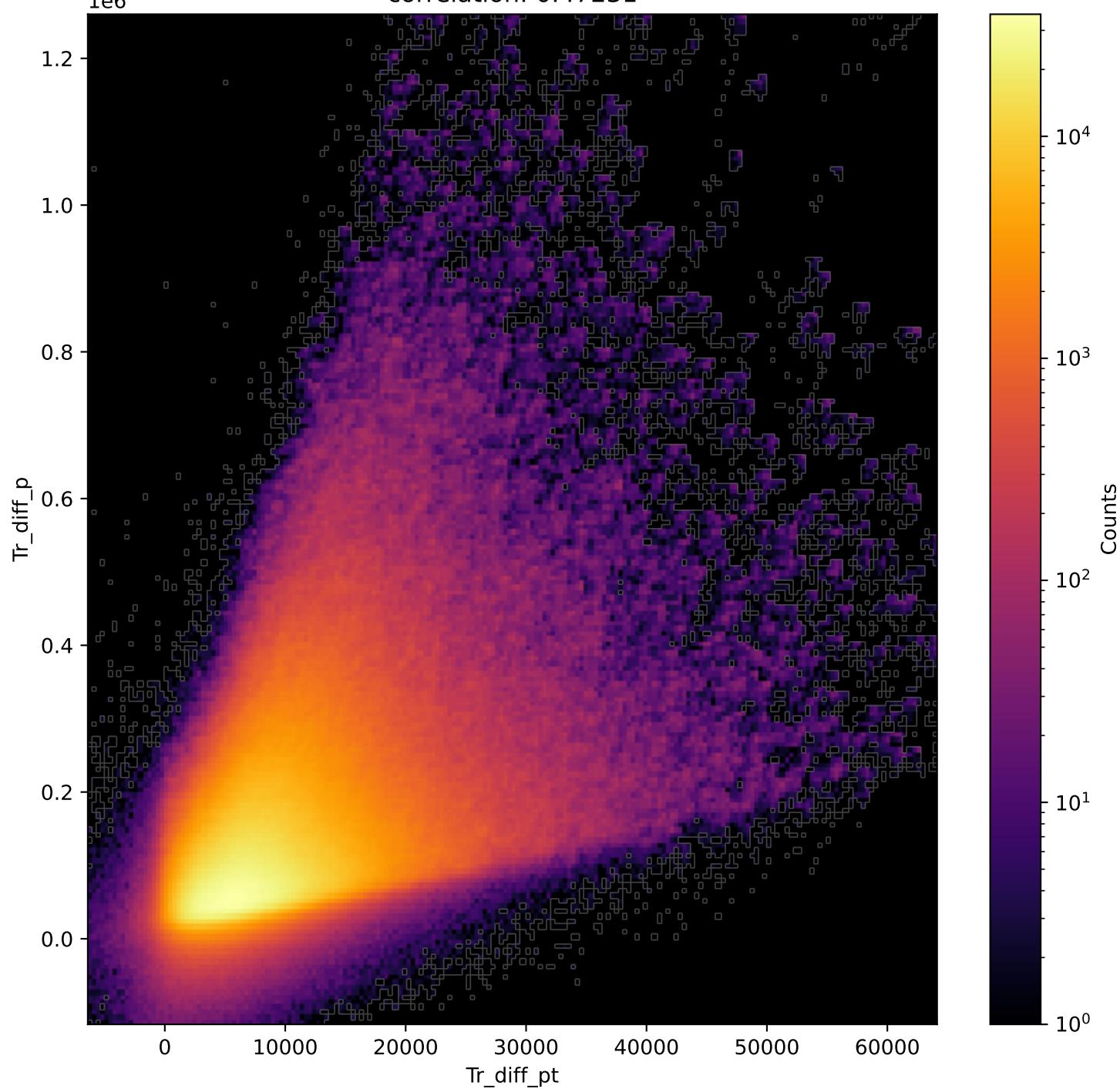
Hist2d Plot ('Tr_T_PROBNNmu' vs 'Tr_T_ISMUON')
correlation: 0.47997



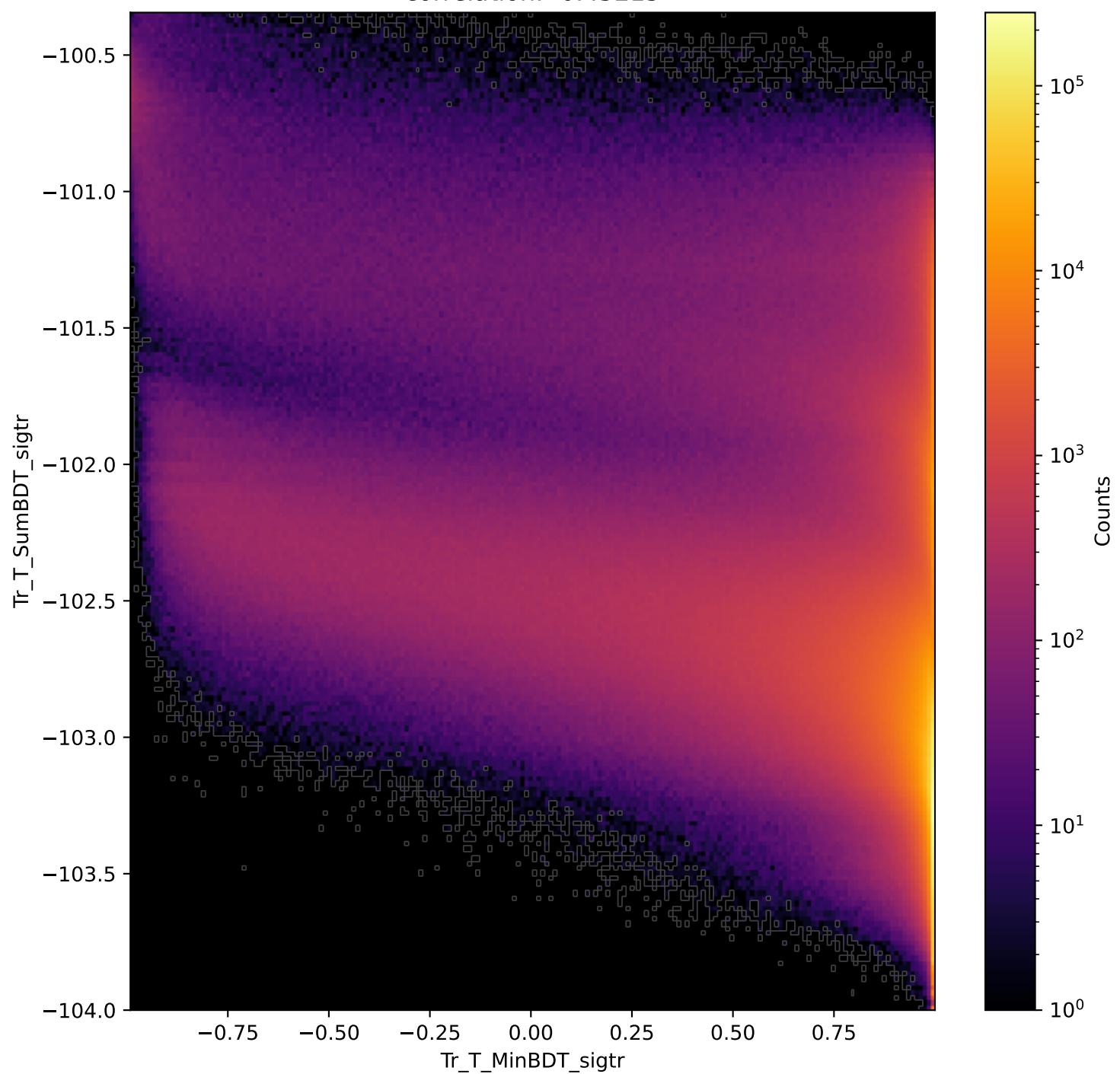
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_Sum_of_trackpt')
correlation: -0.47477



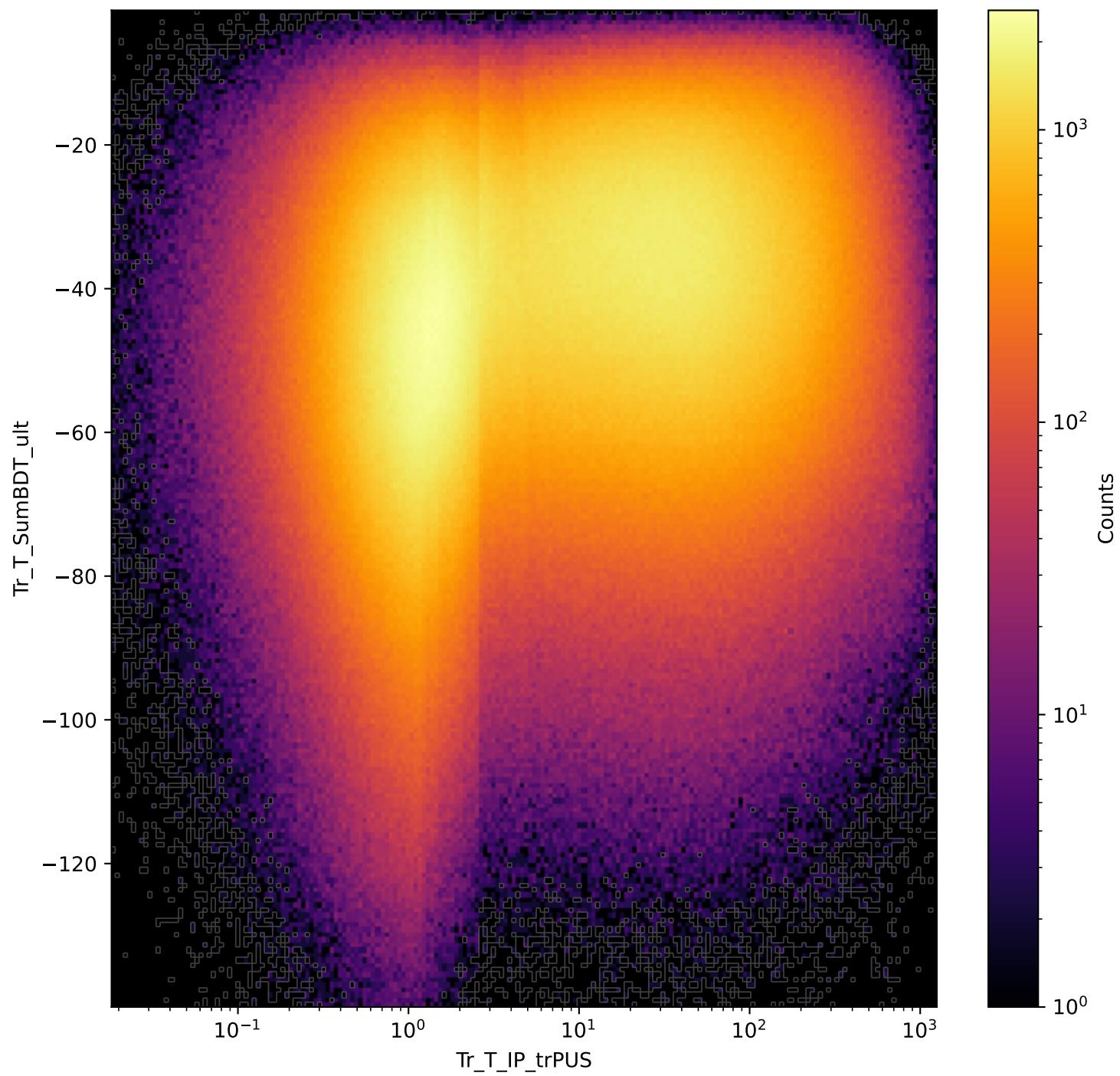
Hist2d Plot ('Tr_diff_pt' vs 'Tr_diff_p')
correlation: 0.47231



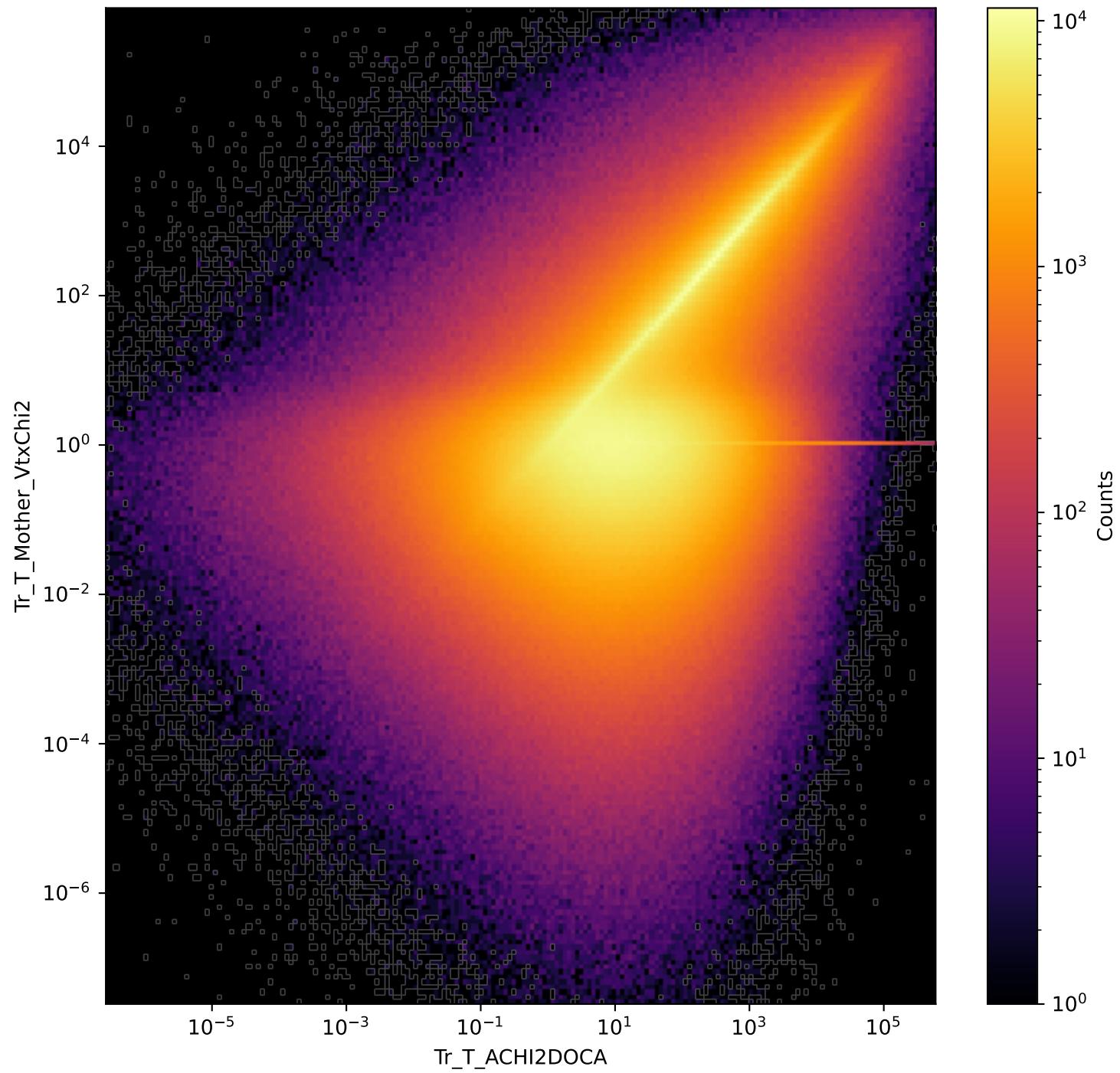
Hist2d Plot ('Tr_T_MinBDT_sigtr' vs 'Tr_T_SumBDT_sigtr')
correlation: -0.45215



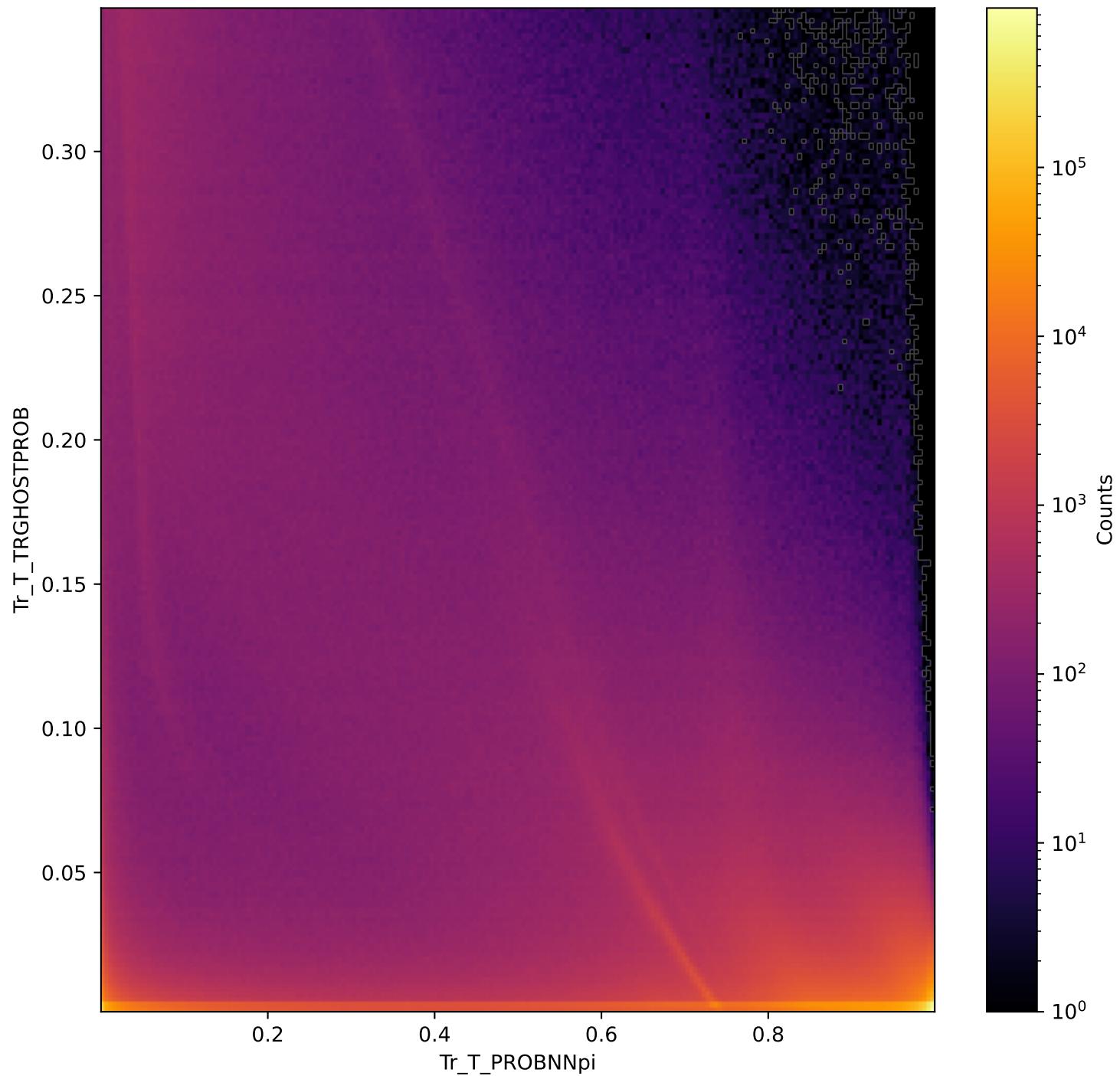
Hist2d Plot ('Tr_T_IP_trPUS' vs 'Tr_T_SumBDT_ult')
correlation: 0.45160



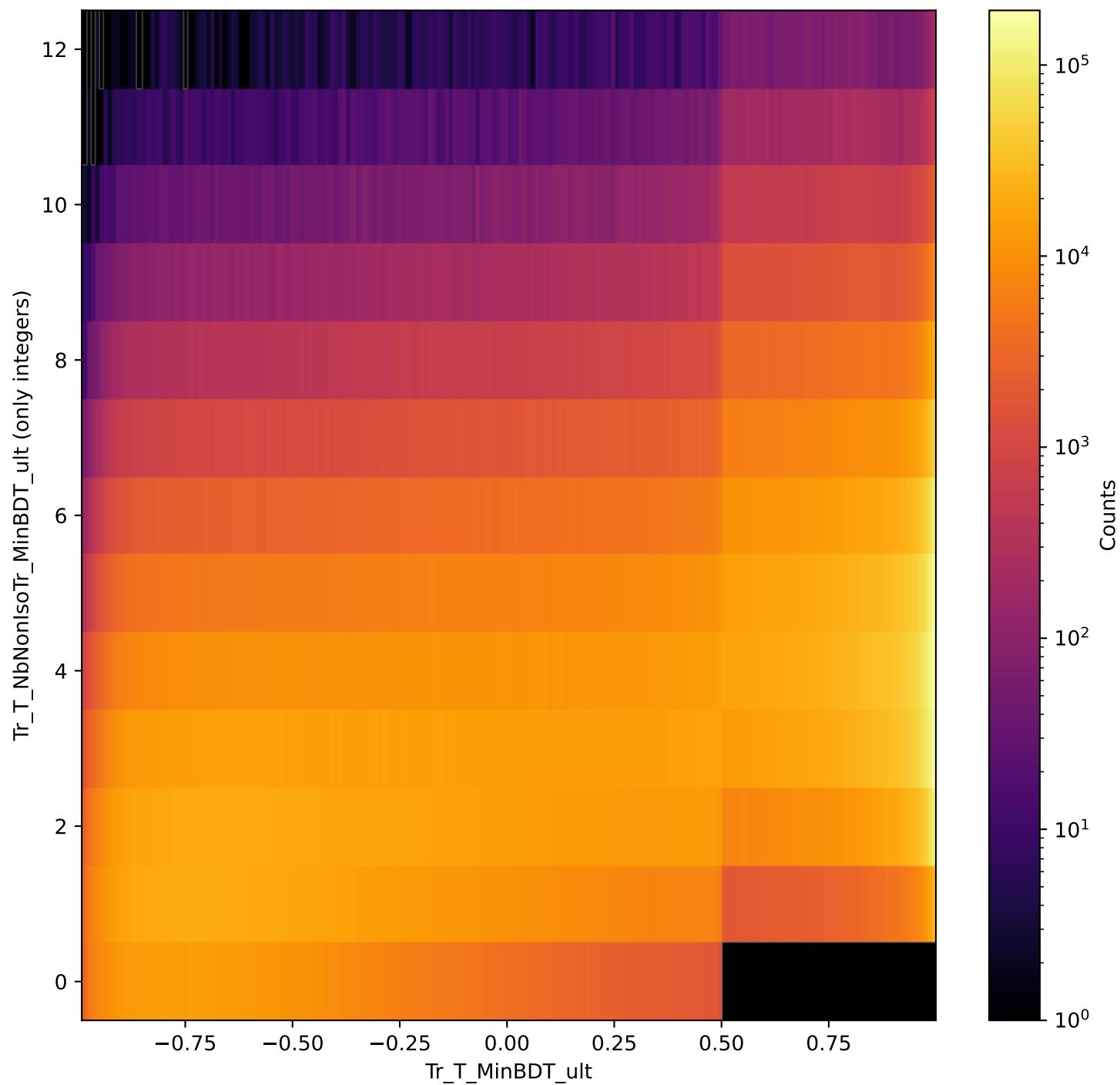
Hist2d Plot ('Tr_T_ACHI2DOCA' vs 'Tr_T_Mother_VtxChi2')
correlation: 0.44832



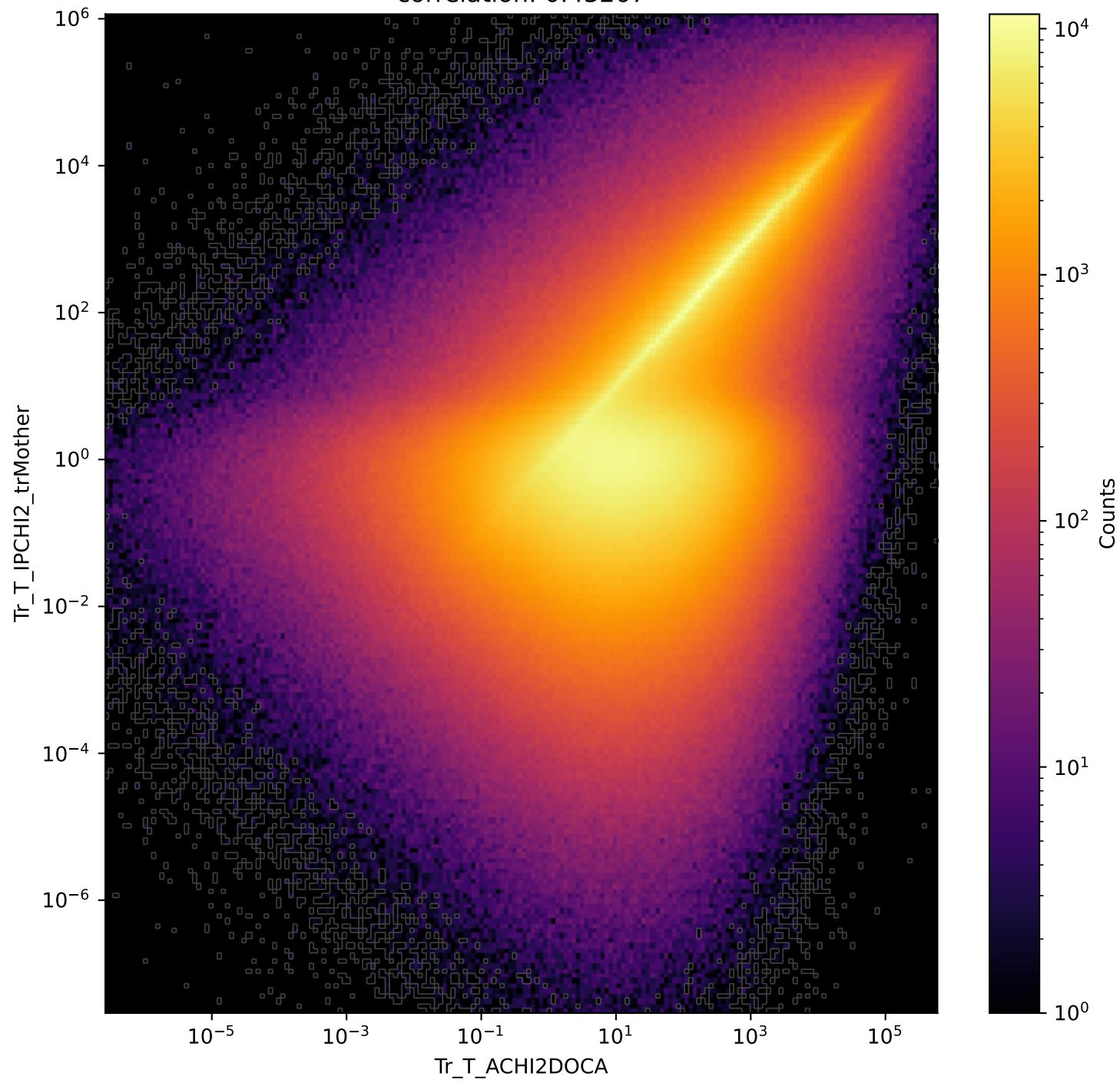
Hist2d Plot ('Tr_T_PROBNNpi' vs 'Tr_T_TRGHOSTPROB')
correlation: -0.43398



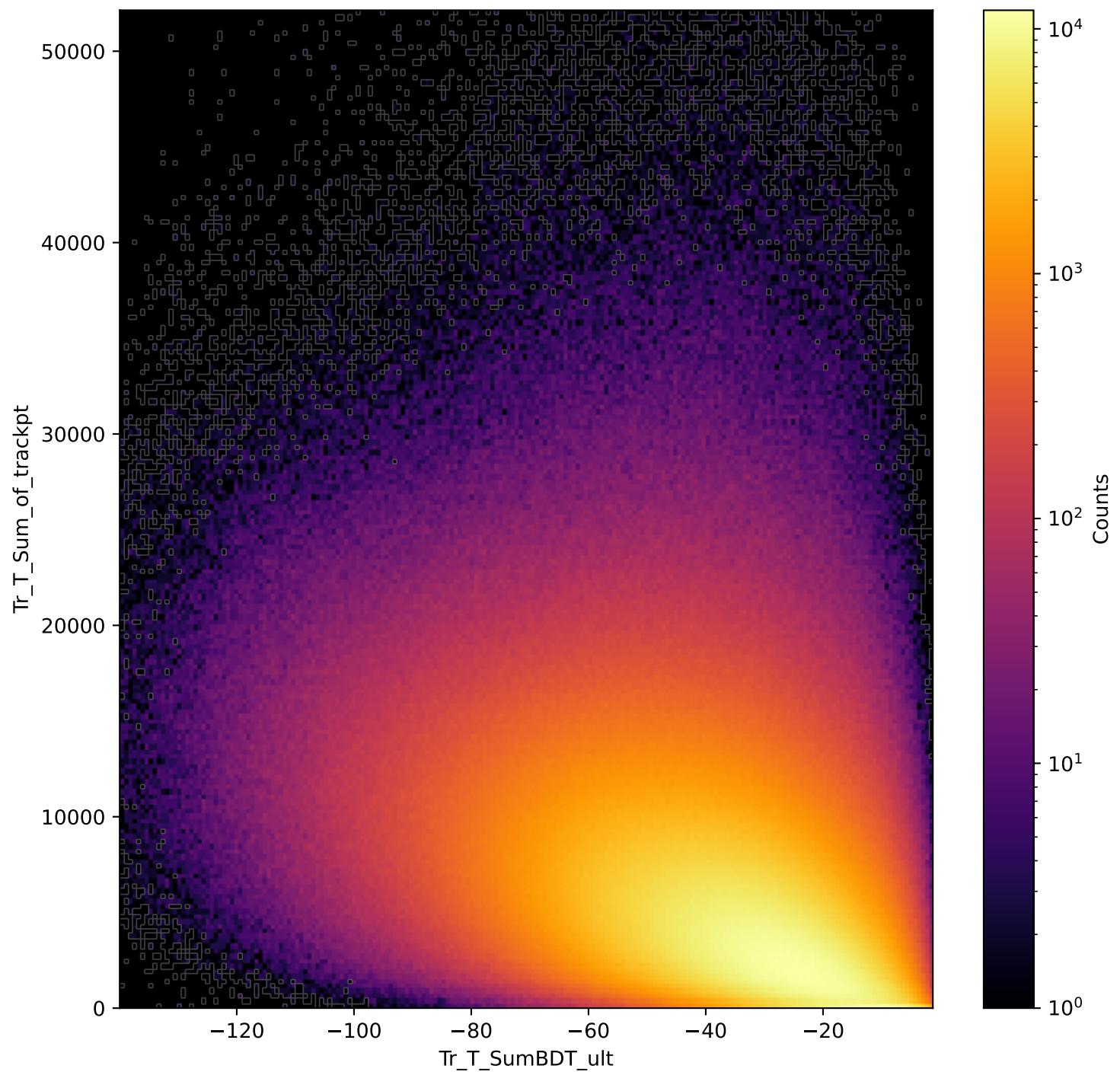
Hist2d Plot ('Tr_T_MinBDT_ult' vs 'Tr_T_NbNonIsoTr_MinBDT_ult')
correlation: 0.43364



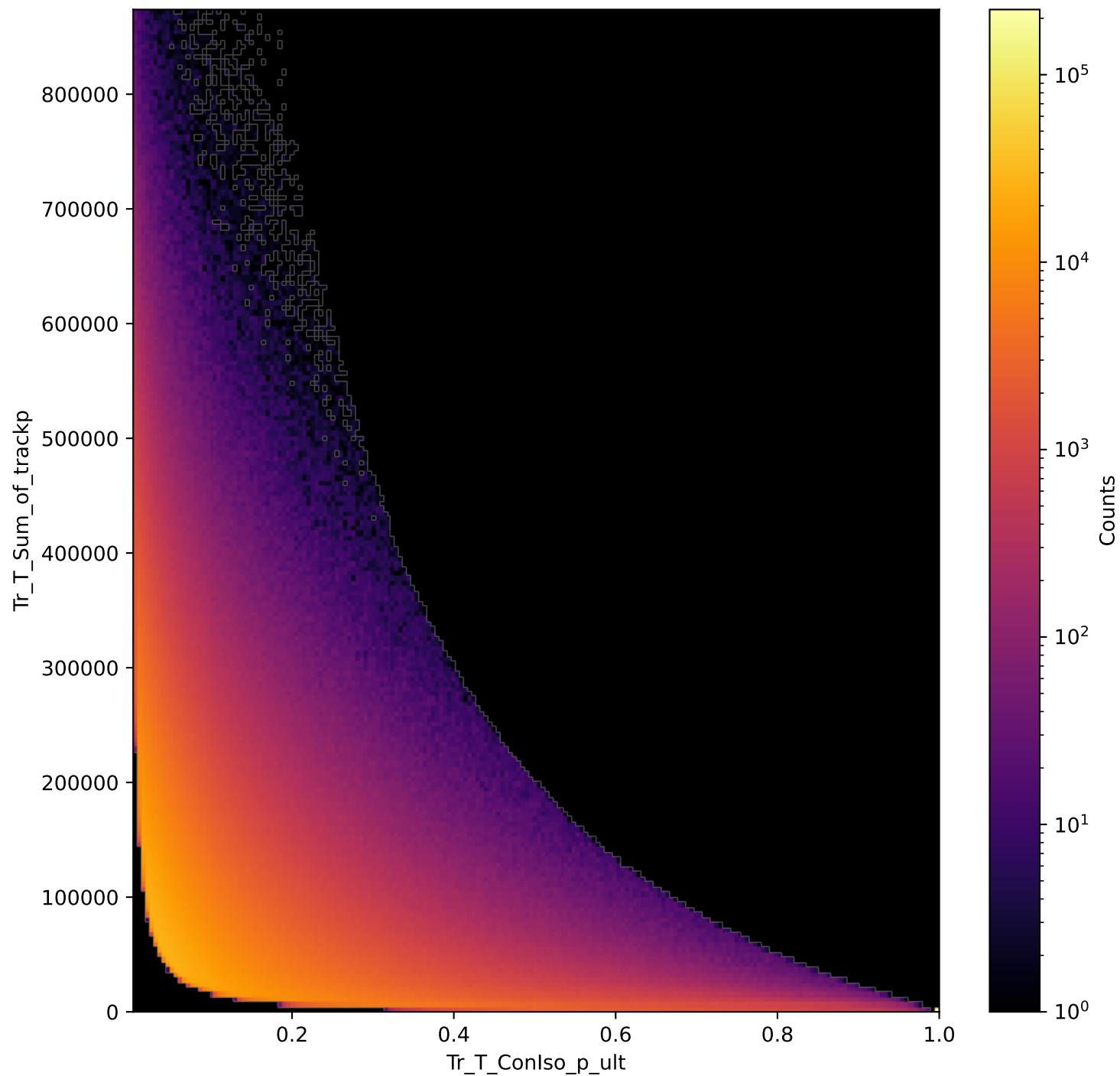
Hist2d Plot ('Tr_T_ACHI2DOCA' vs 'Tr_T_IPCHI2_trMother')
correlation: 0.43267



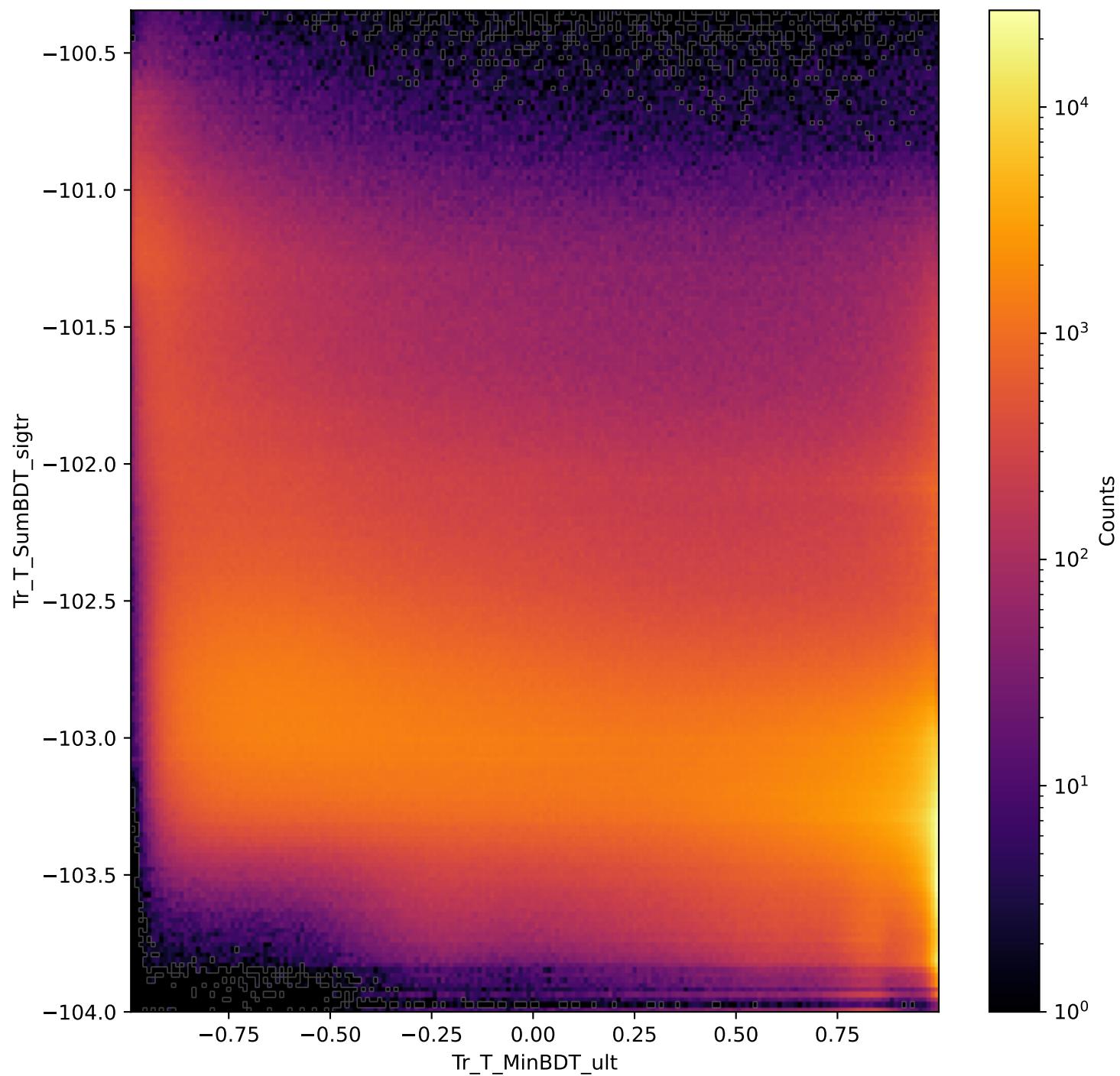
Hist2d Plot ('Tr_T_SumBDT_ult' vs 'Tr_T_Sum_of_trackpt')
correlation: -0.42911



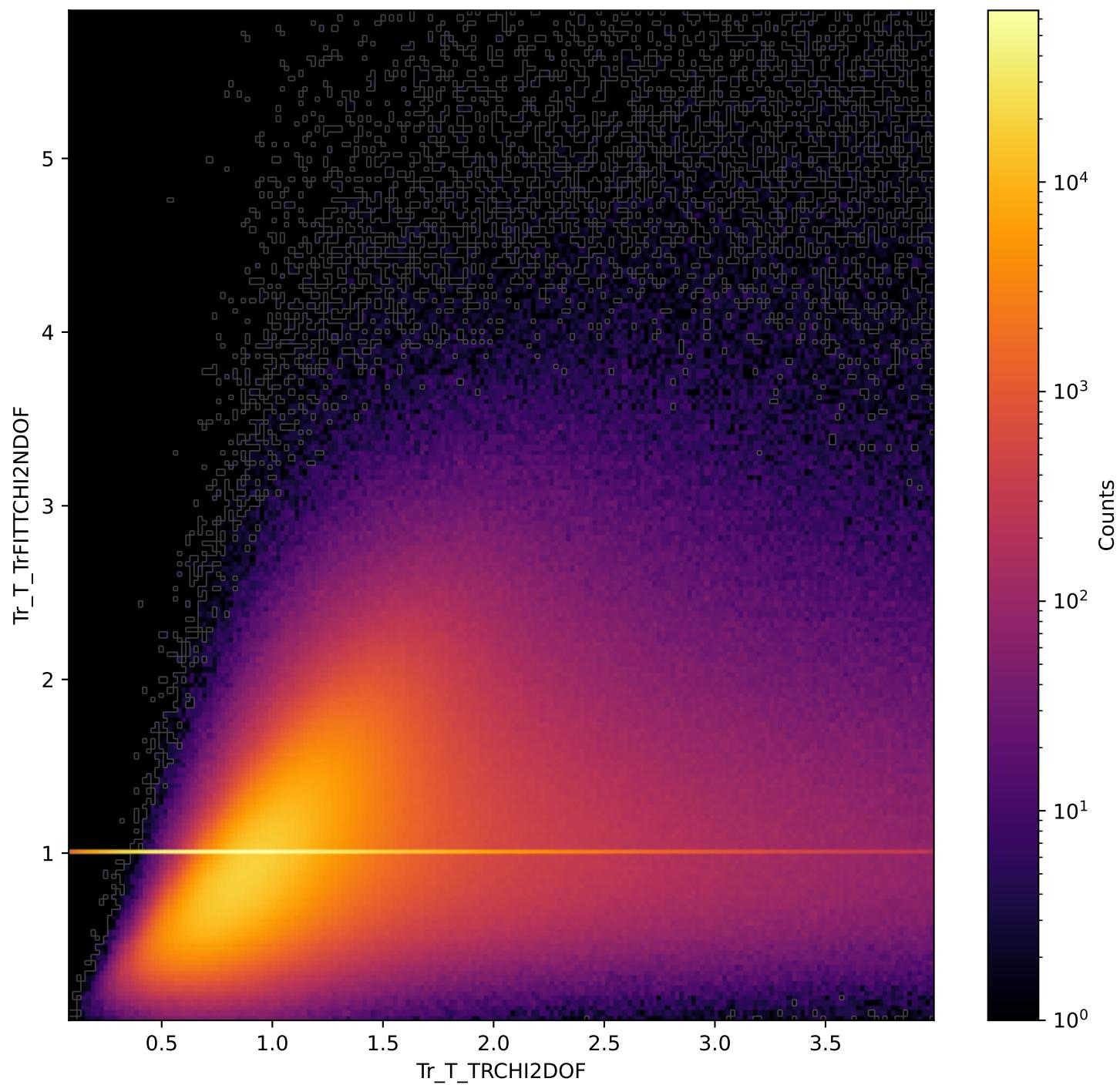
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_Sum_of_trackp')
correlation: -0.42120



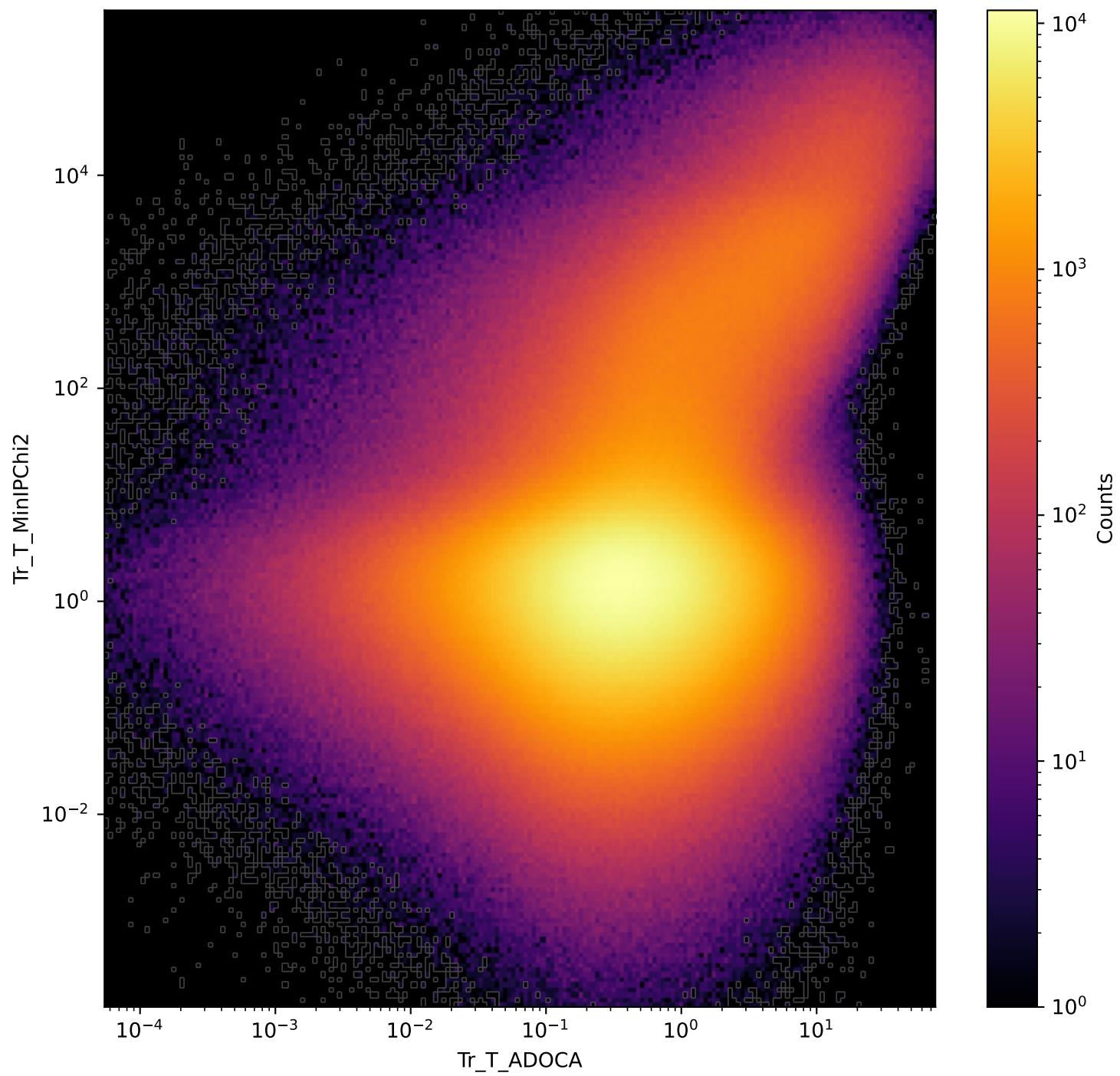
Hist2d Plot ('Tr_T_MinBDT_ult' vs 'Tr_T_SumBDT_sigtr')
correlation: -0.41510



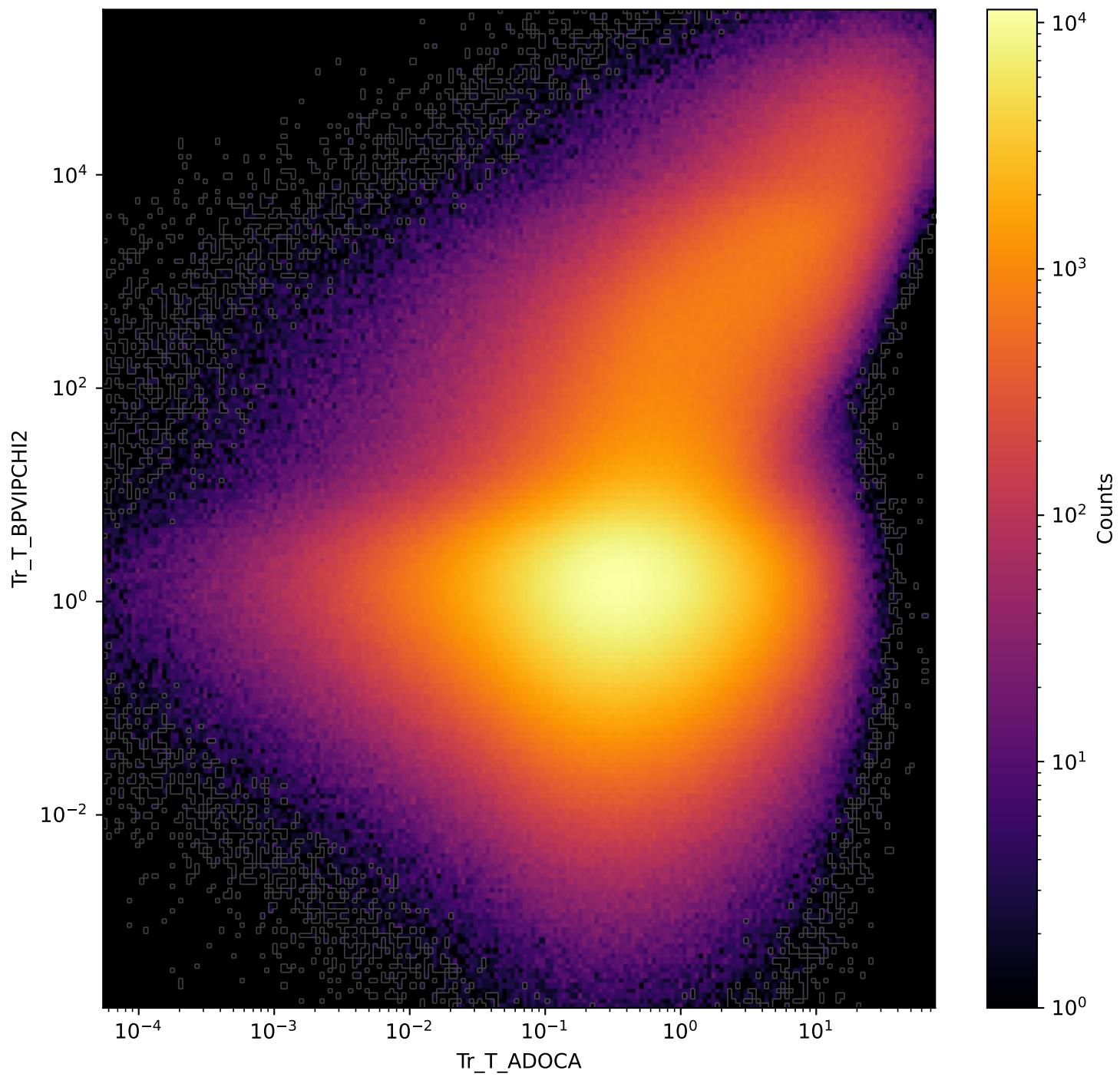
Hist2d Plot ('Tr_T_TRCHI2DOF' vs 'Tr_T_TrFITTCHI2NDOF')
correlation: 0.40866



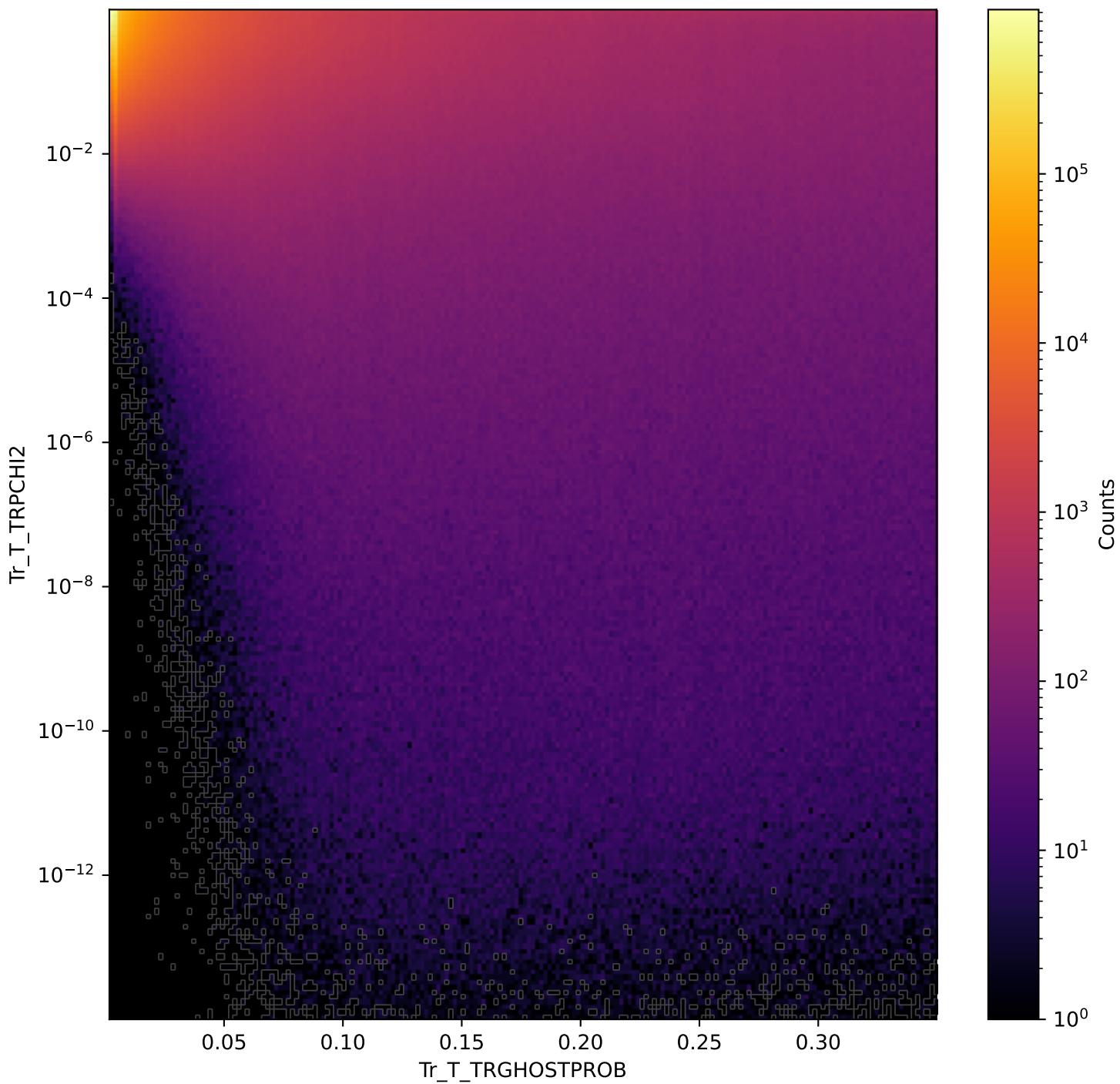
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_MinIPChi2')
correlation: 0.40192



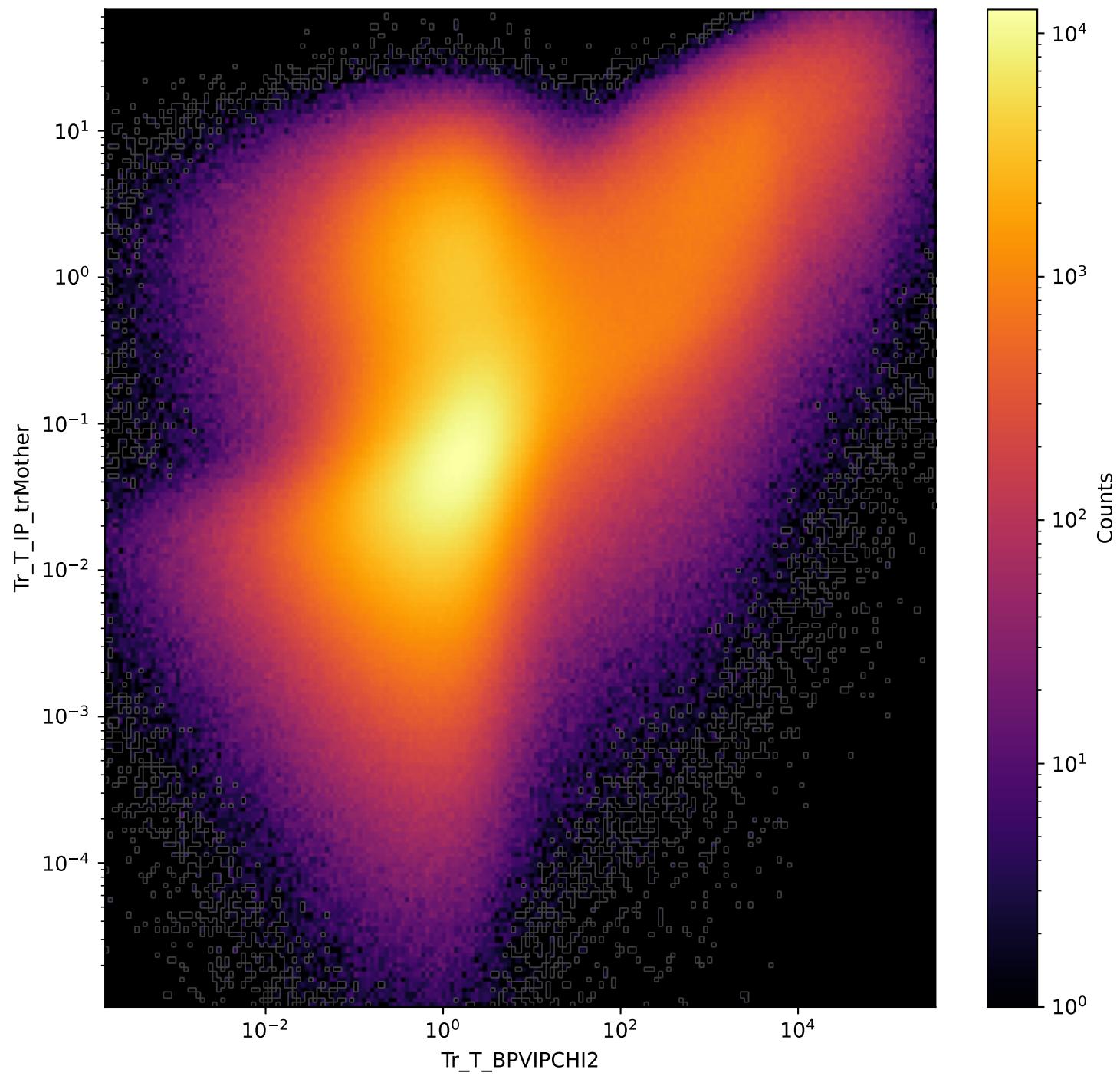
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_BPCHIPCHI2')
correlation: 0.40192



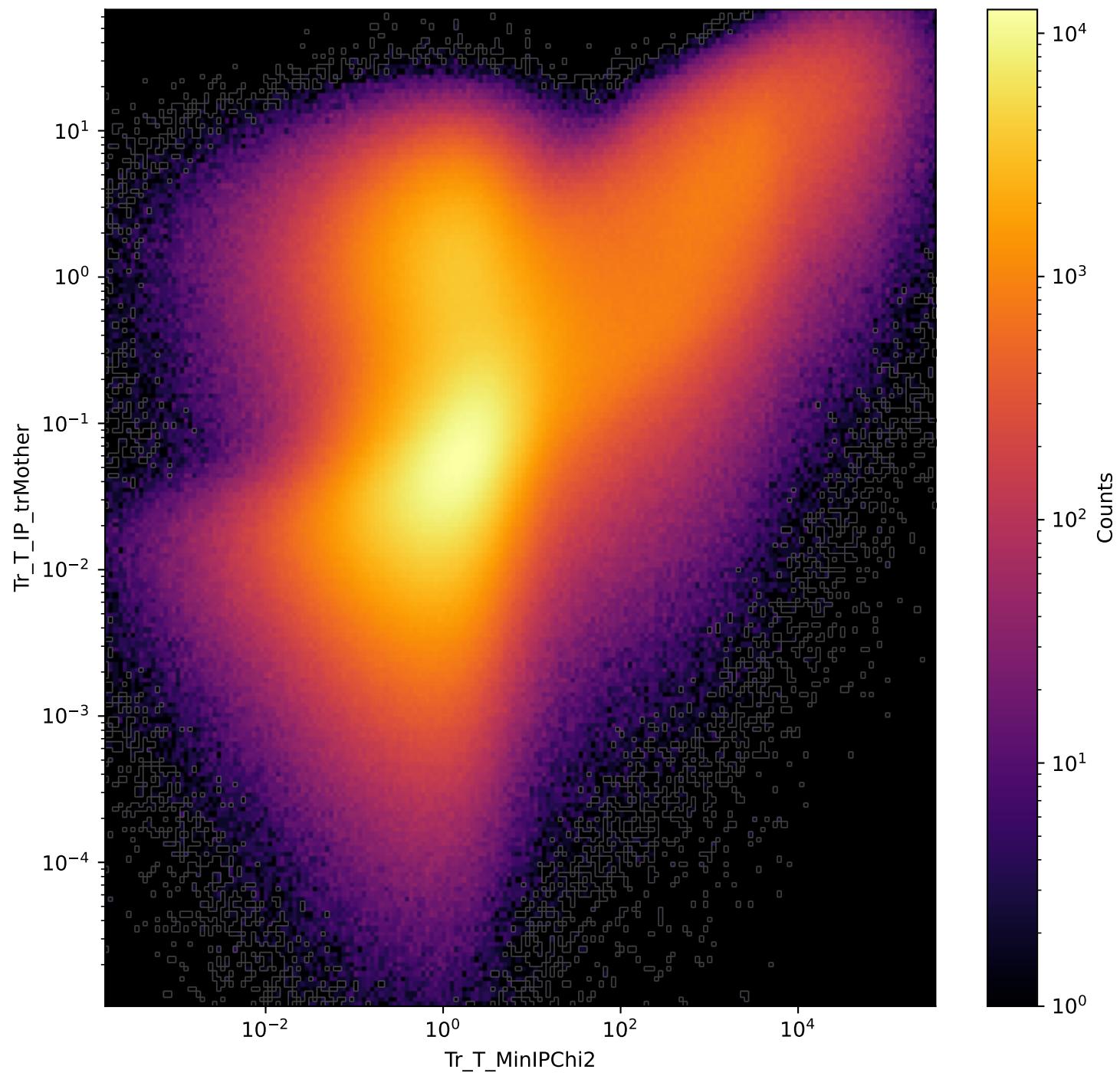
Hist2d Plot ('Tr_T_TRGHOSTPROB' vs 'Tr_T_TRPCHI2')
correlation: -0.40139



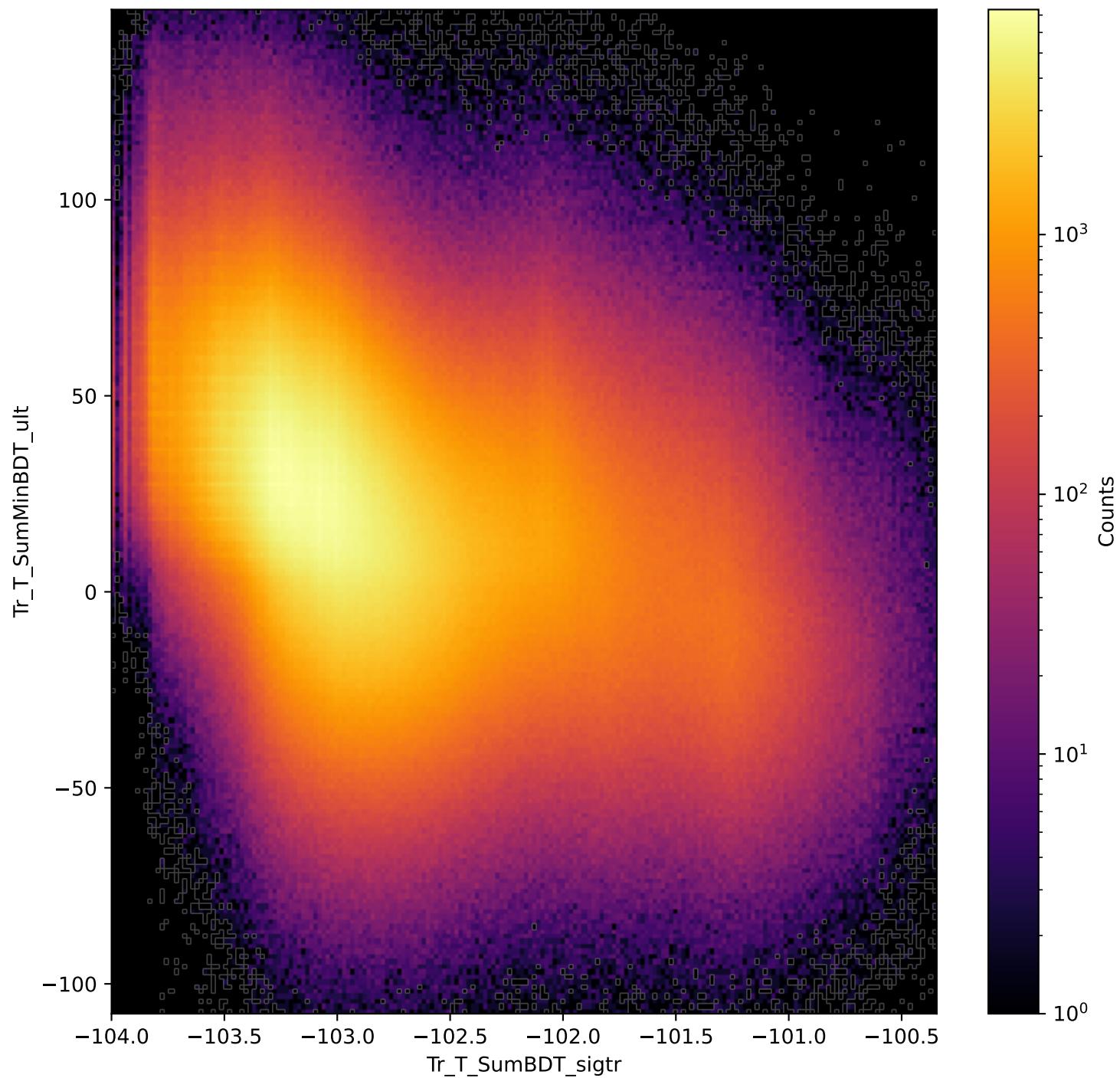
Hist2d Plot ('Tr_T_BPVIPCHI2' vs 'Tr_T_IP_trMother')
correlation: 0.39416



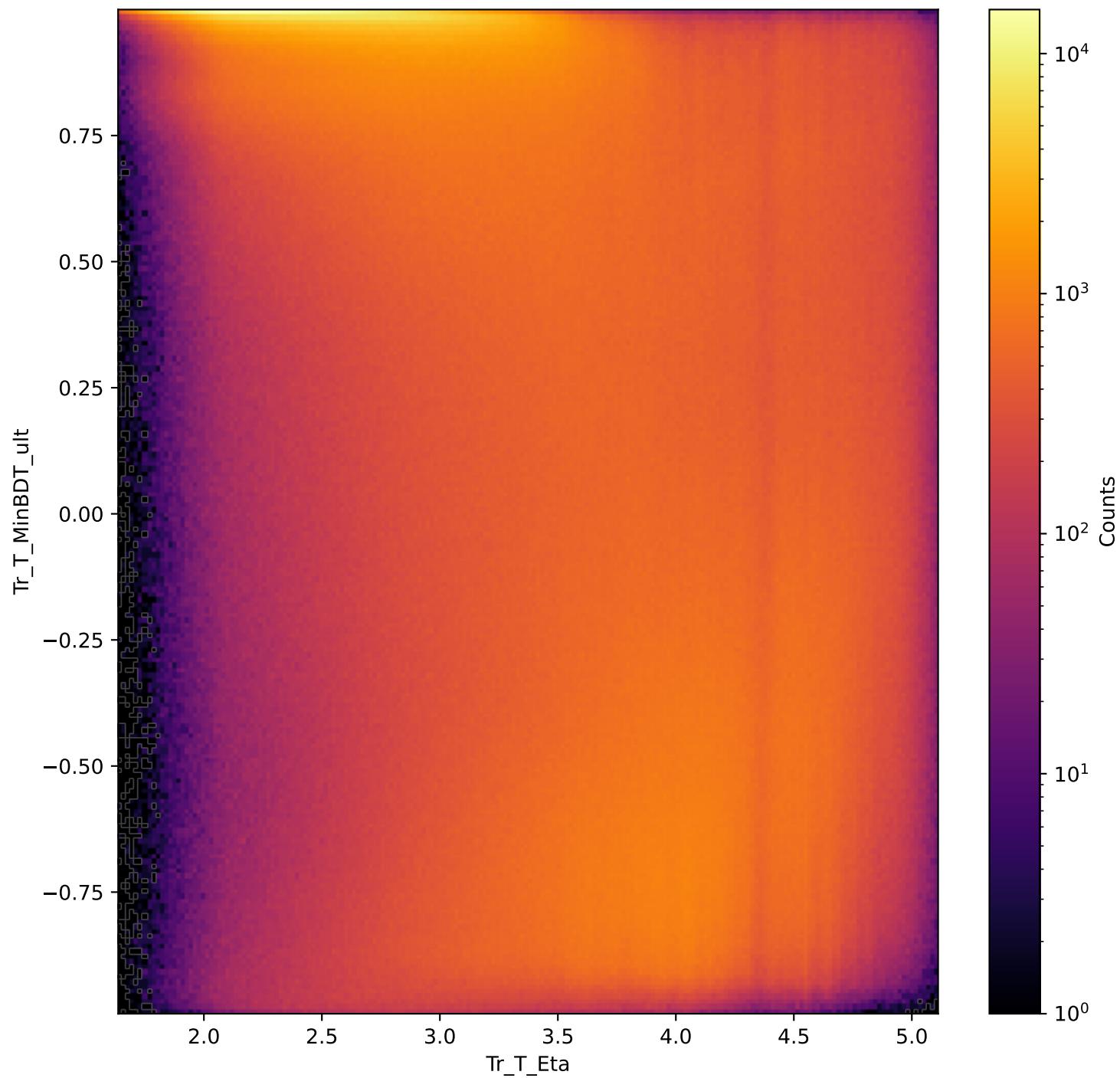
Hist2d Plot ('Tr_T_MinIPChi2' vs 'Tr_T_IP_trMother')
correlation: 0.39416



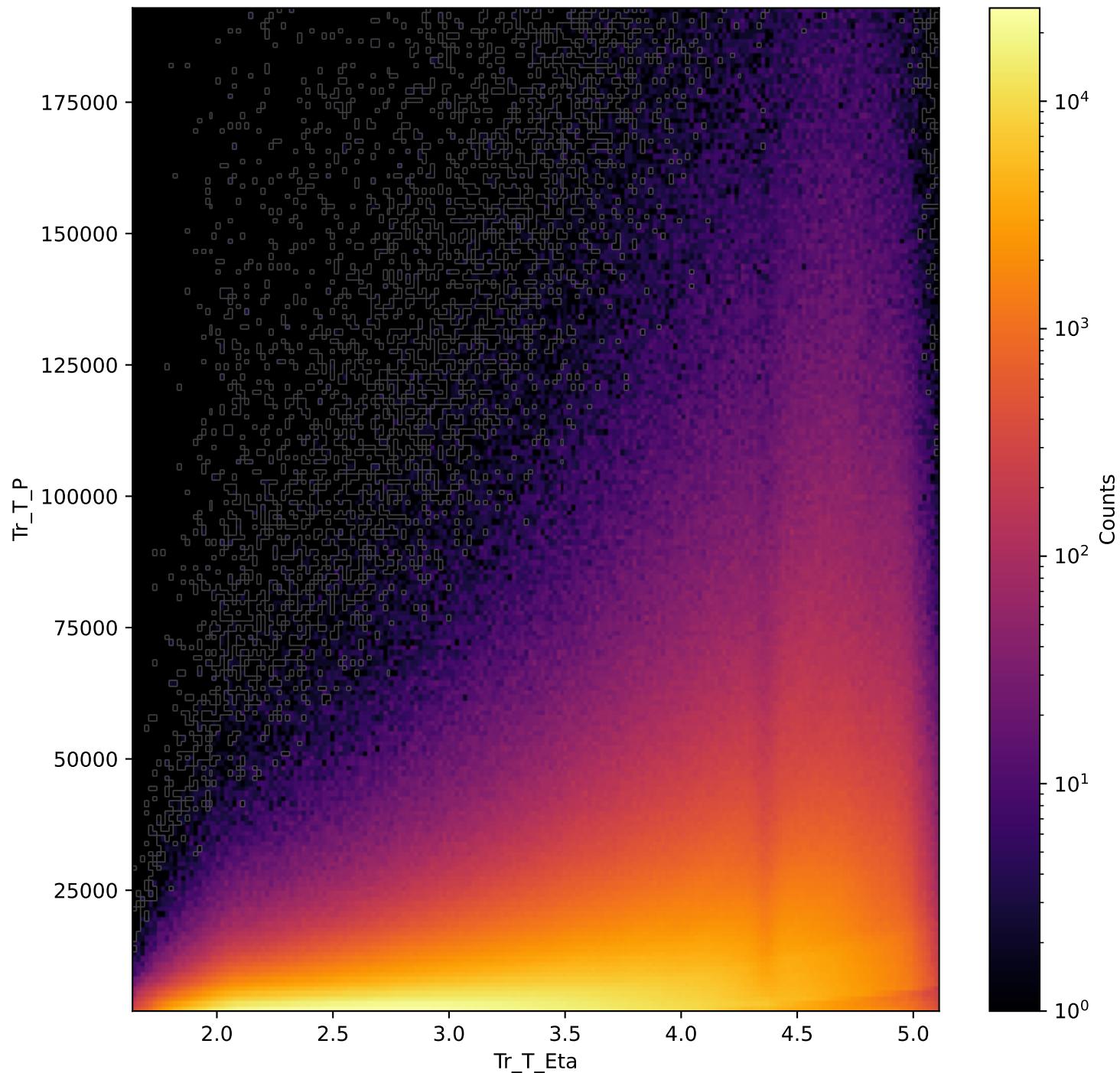
Hist2d Plot ('Tr_T_SumBDT_sigtr' vs 'Tr_T_SumMinBDT_ult')
correlation: -0.39196



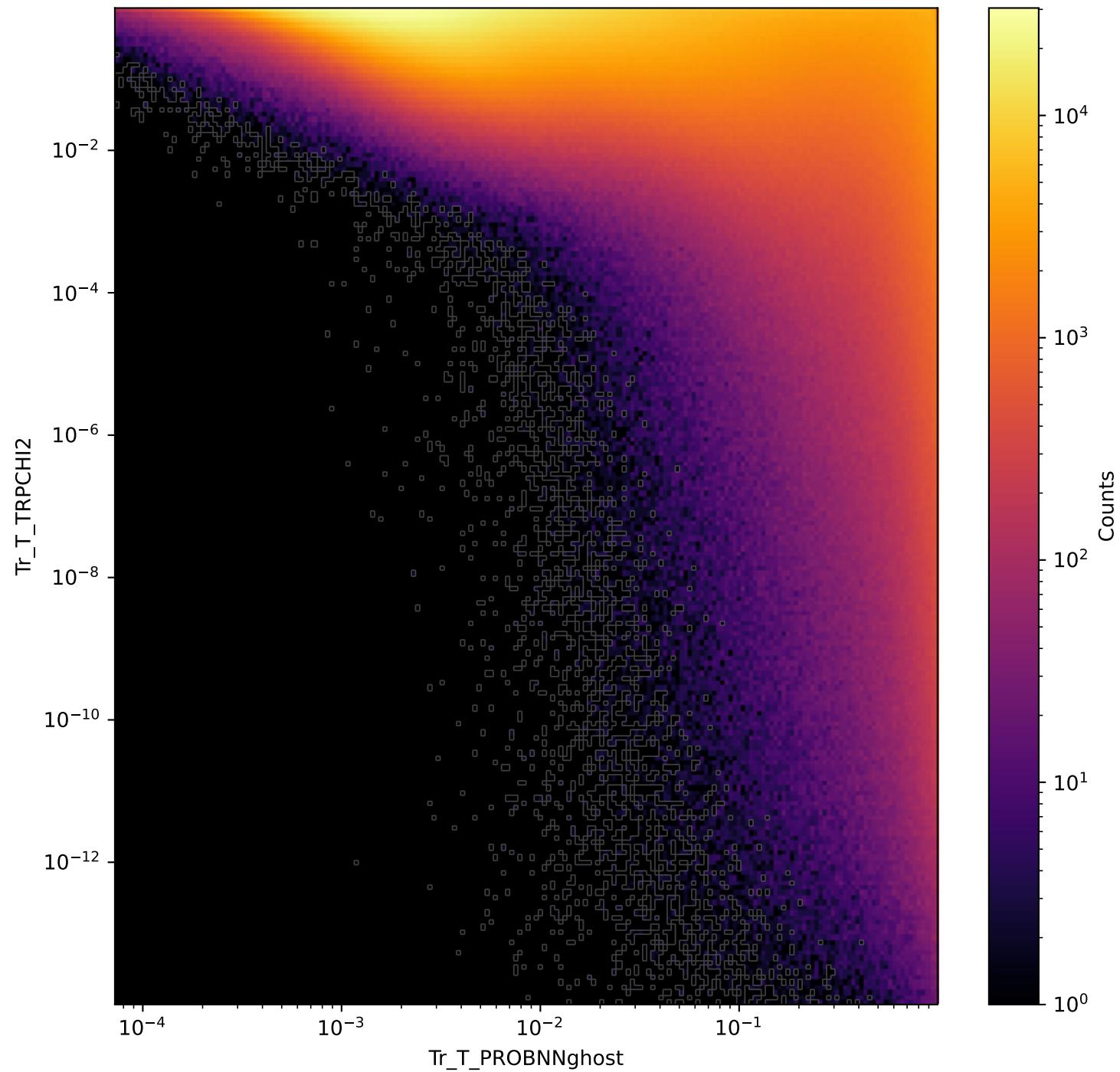
Hist2d Plot ('Tr_T_Eta' vs 'Tr_T_MinBDT_ult')
correlation: -0.39161



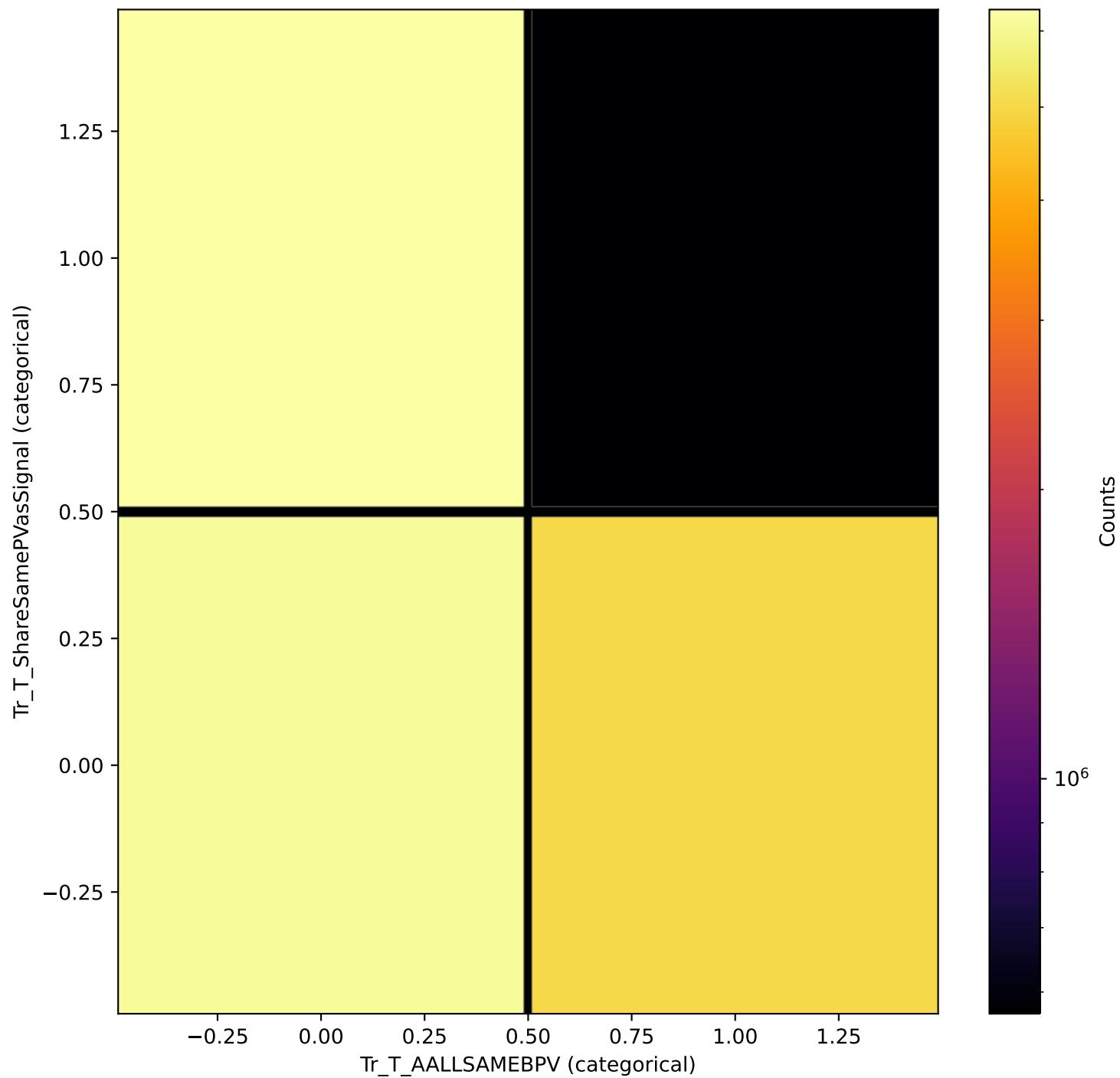
Hist2d Plot ('Tr_T_Eta' vs 'Tr_T_P')
correlation: 0.39125



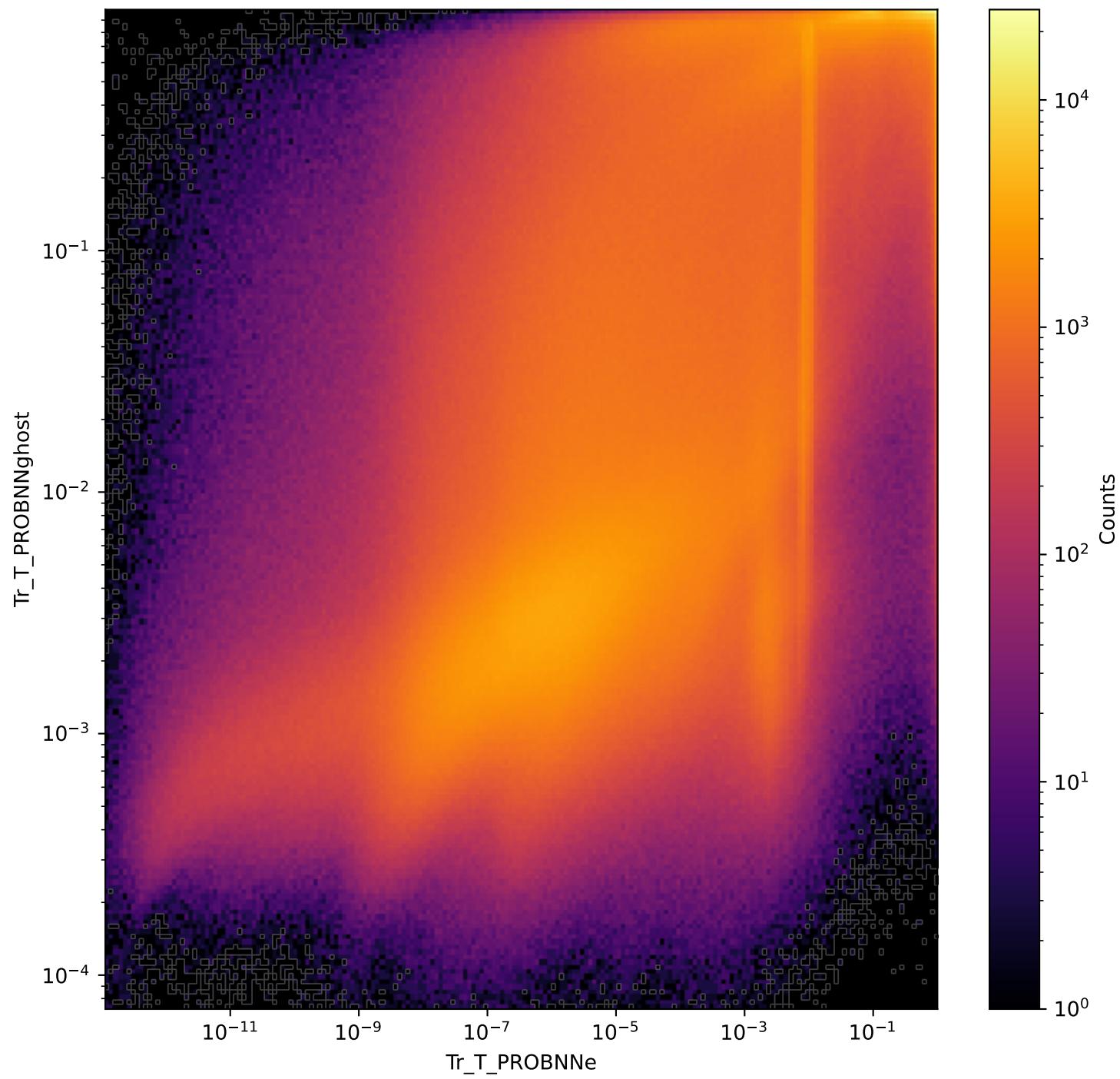
Hist2d Plot ('Tr_T_PROBNNghost' vs 'Tr_T_TRPCHI2')
correlation: -0.38999



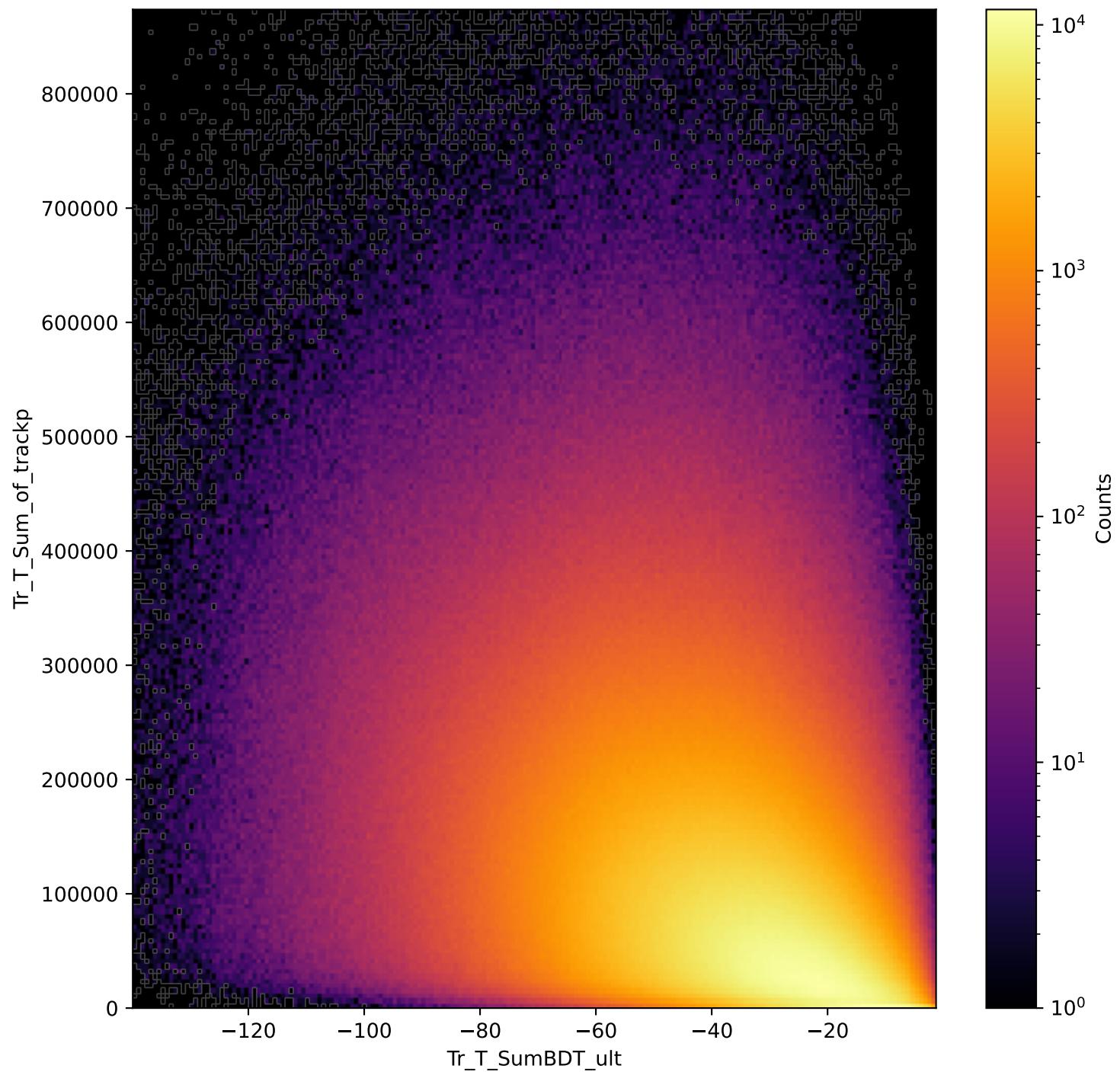
Hist2d Plot ('Tr_T_AALLSAMEBPV' vs 'Tr_T_ShareSamePVasSignal')
correlation: -0.38634



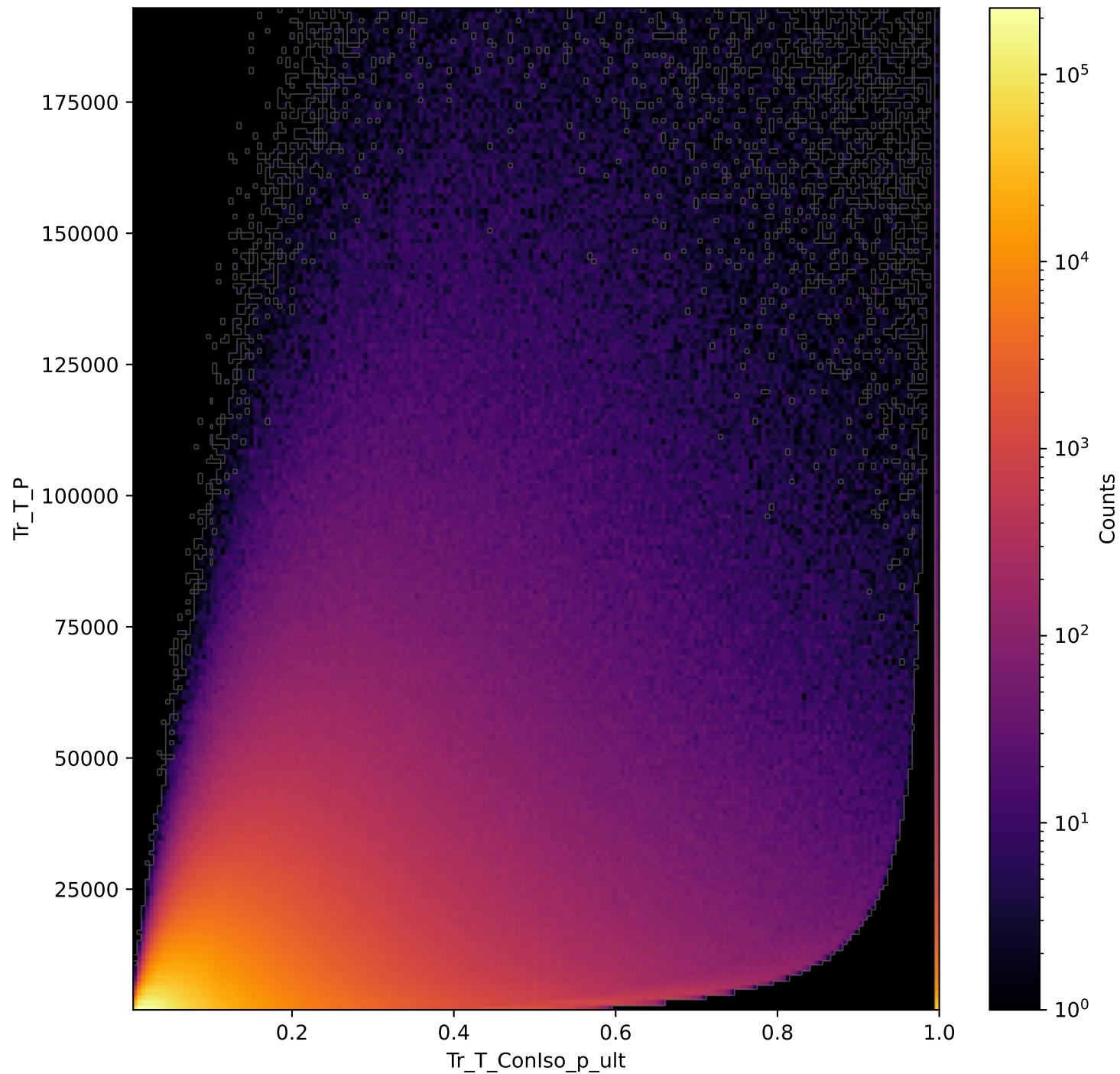
Hist2d Plot ('Tr_T_PROBNNe' vs 'Tr_T_PROBNNghost')
correlation: 0.38572



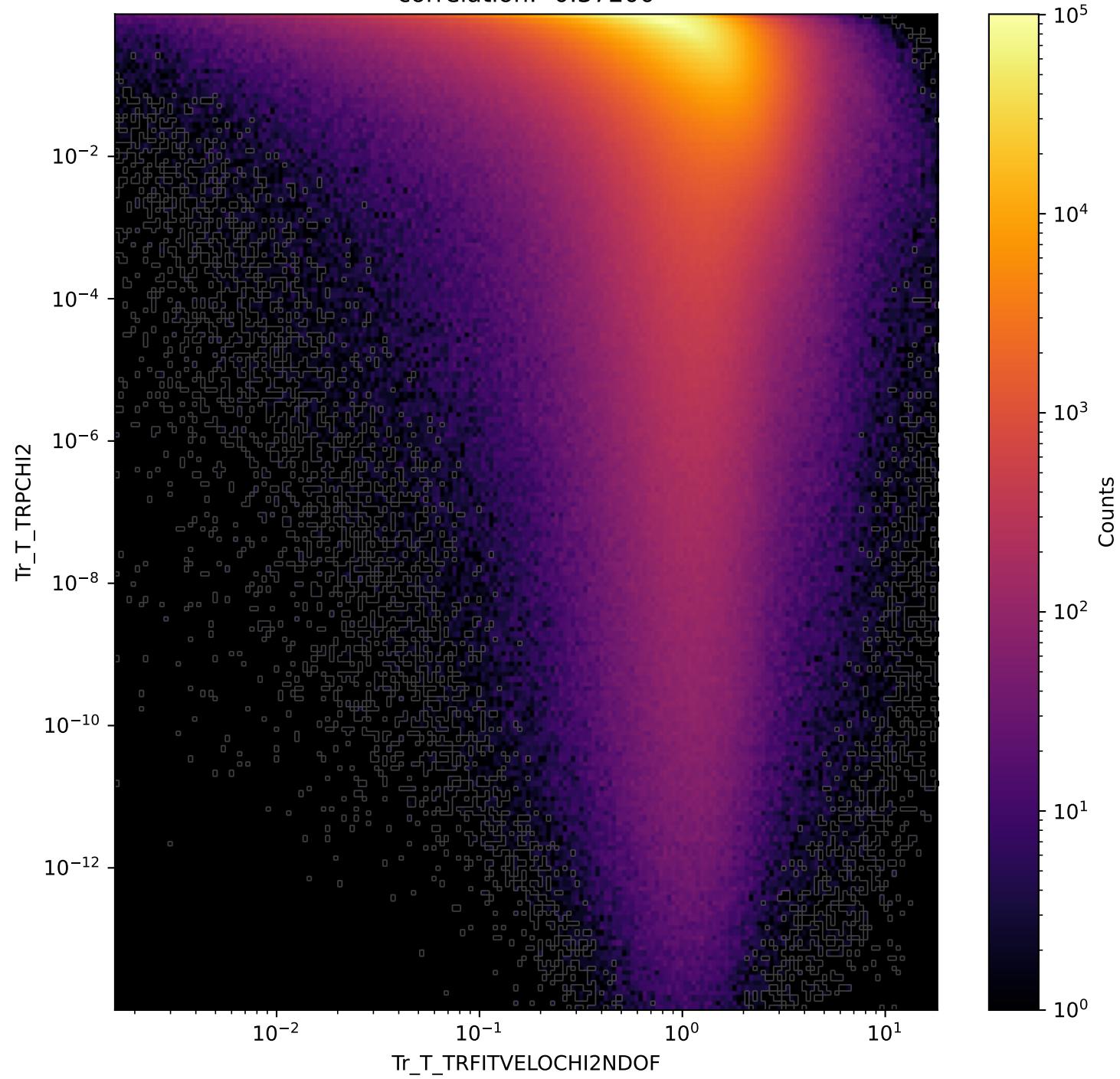
Hist2d Plot ('Tr_T_SumBDT_ult' vs 'Tr_T_Sum_of_trackp')
correlation: -0.38389



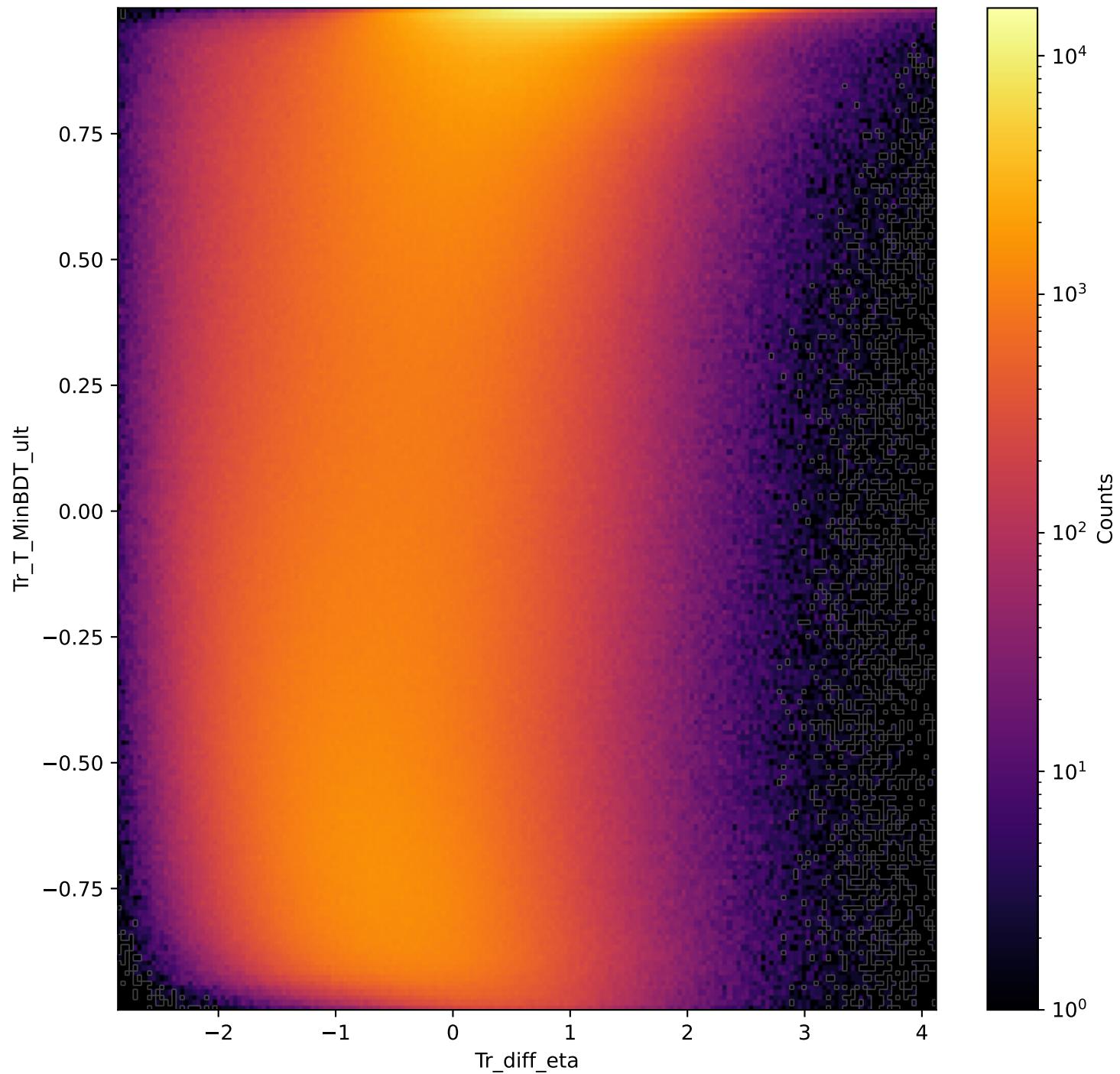
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_P')
correlation: 0.38032



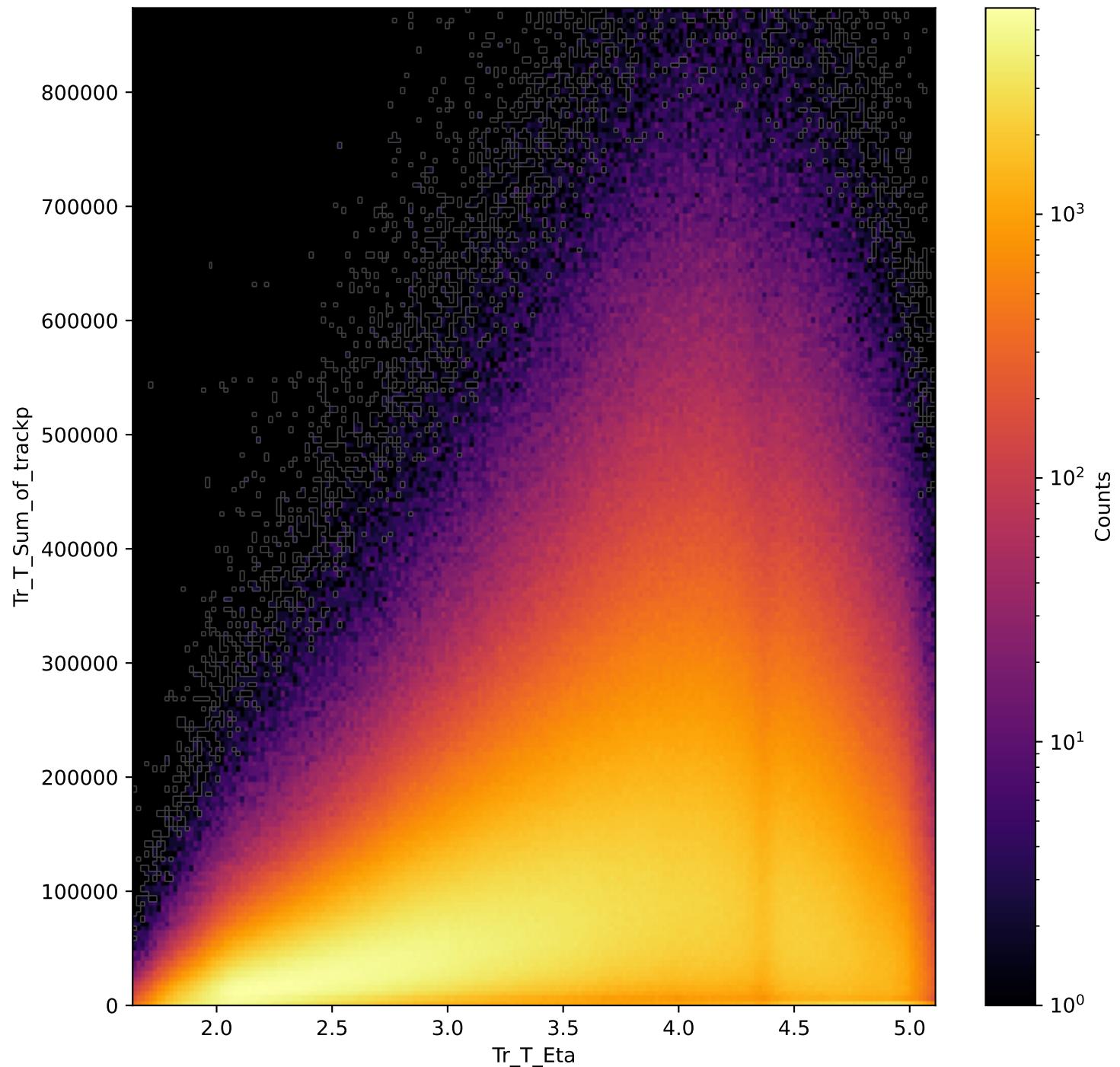
Hist2d Plot ('Tr_T_TRFITVELOCHI2NDOF' vs 'Tr_T_TRPCHI2')
correlation: -0.37200



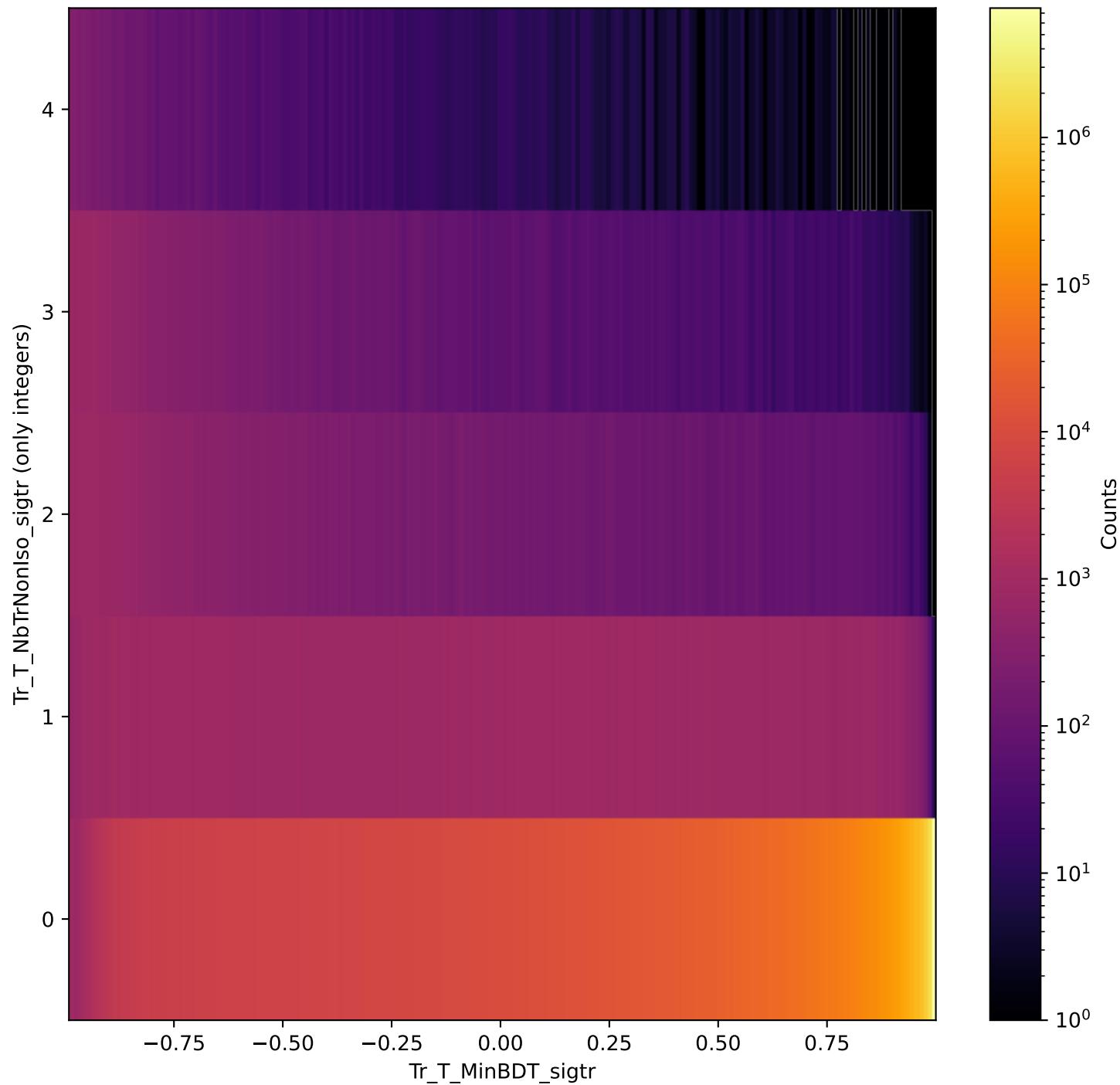
Hist2d Plot ('Tr_diff_eta' vs 'Tr_T_MinBDT_ult')
correlation: 0.36670



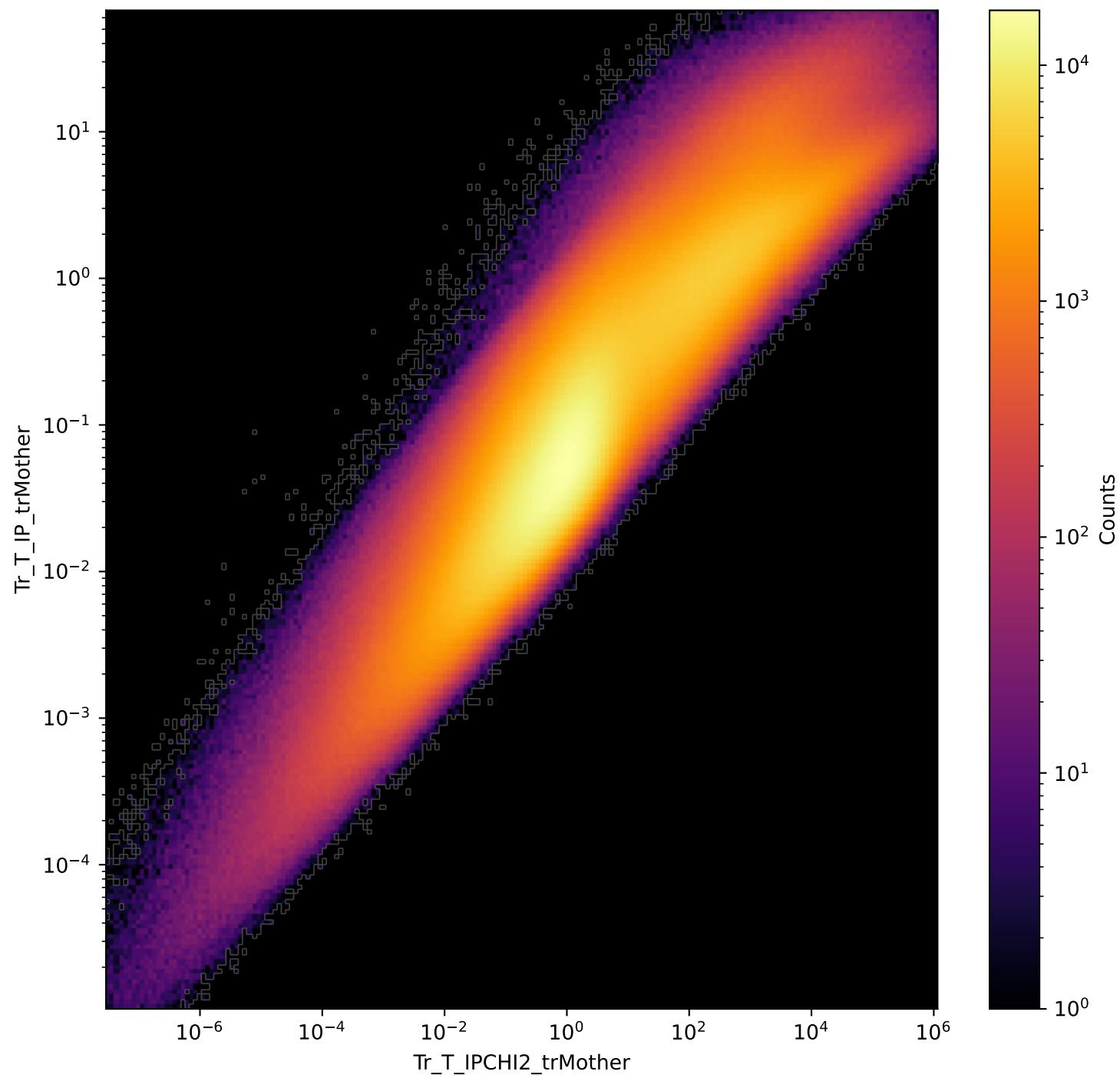
Hist2d Plot ('Tr_T_Eta' vs 'Tr_T_Sum_of_trackp')
correlation: 0.36446



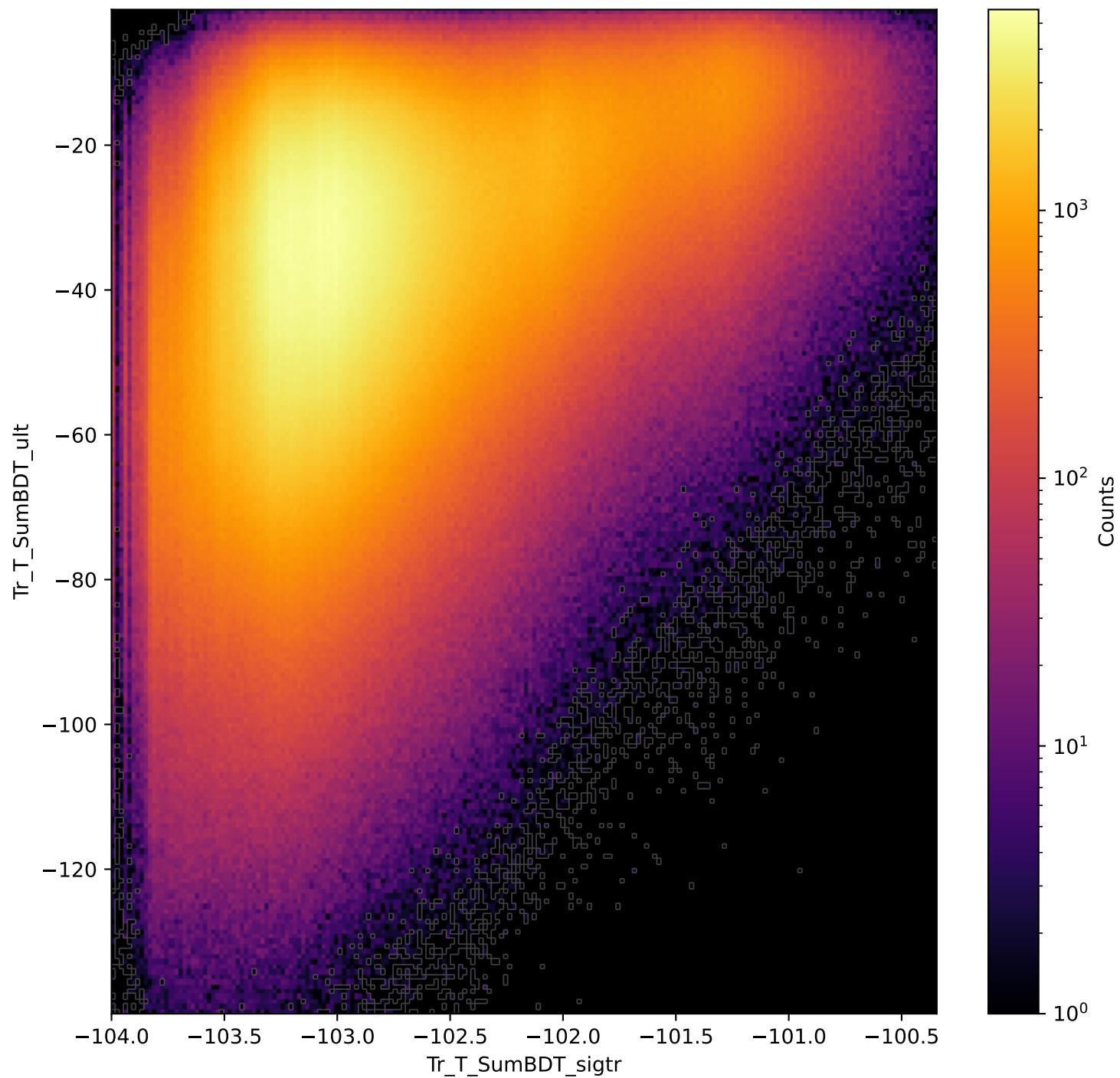
Hist2d Plot ('Tr_T_MinBDT_sigtr' vs 'Tr_T_NbTrNonIso_sigtr')
correlation: -0.35891



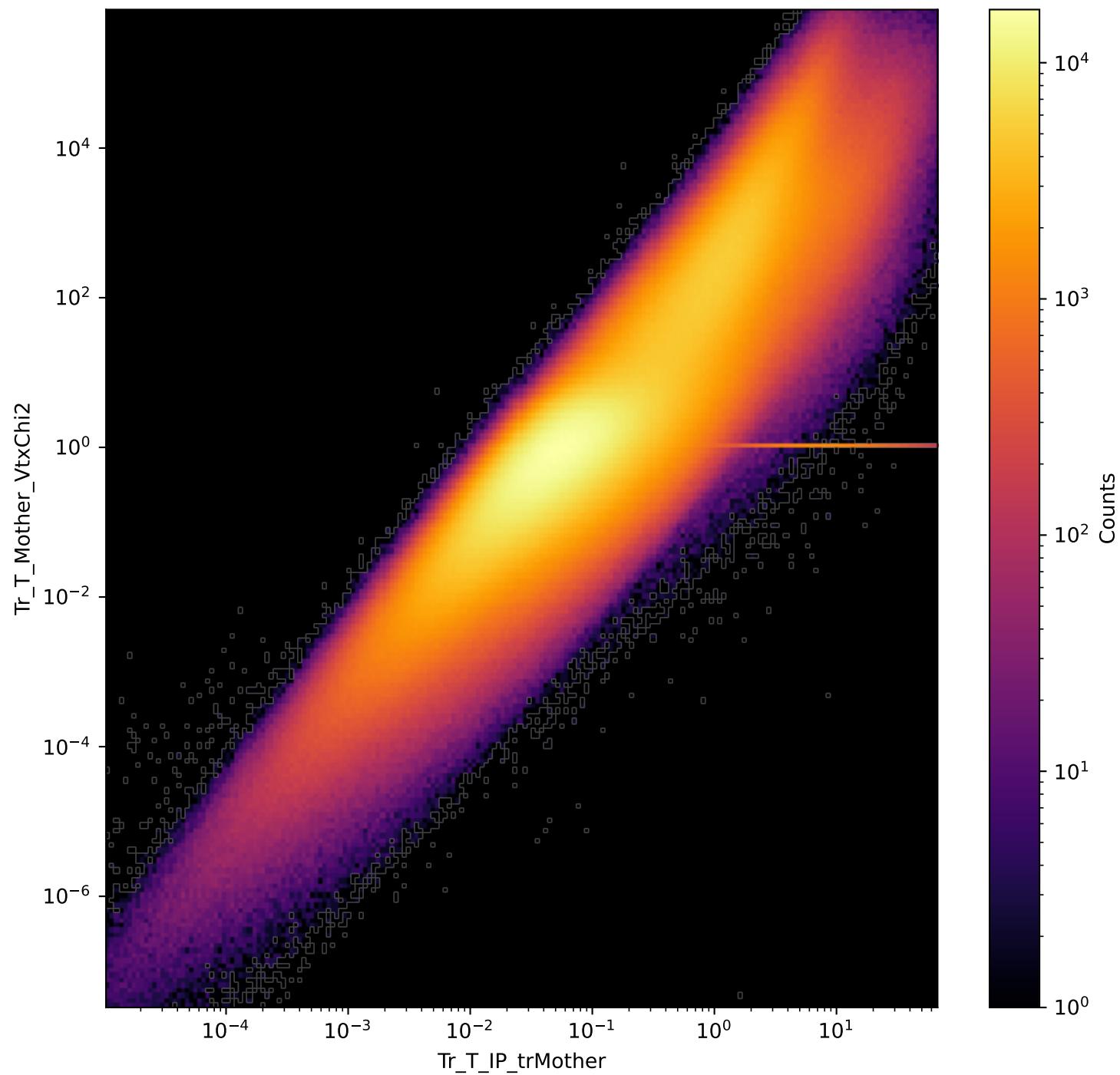
Hist2d Plot ('Tr_T_IPCHI2_trMother' vs 'Tr_T_IP_trMother')
correlation: 0.35567



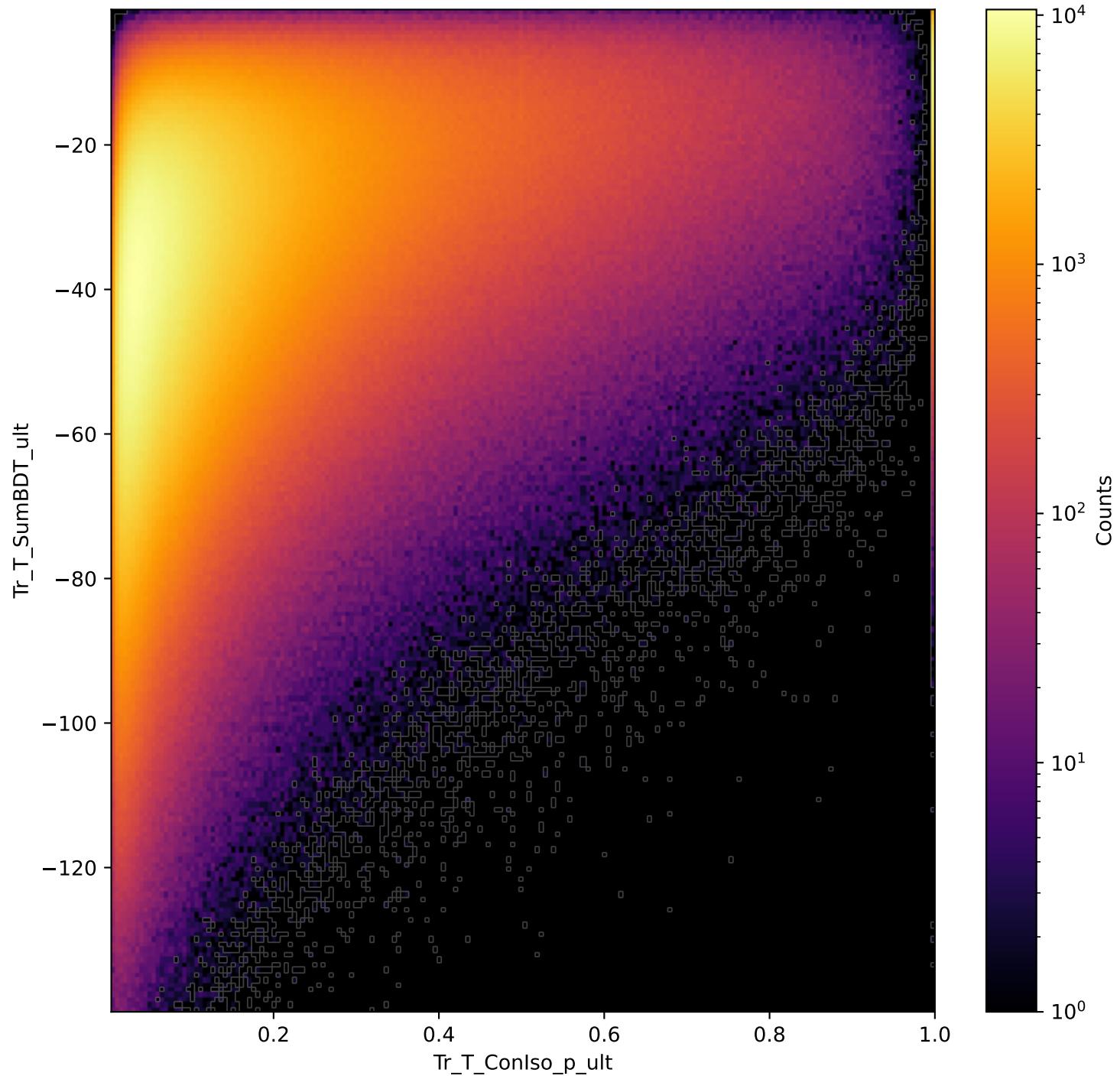
Hist2d Plot ('Tr_T_SumBDT_sigtr' vs 'Tr_T_SumBDT_ult')
correlation: 0.35263



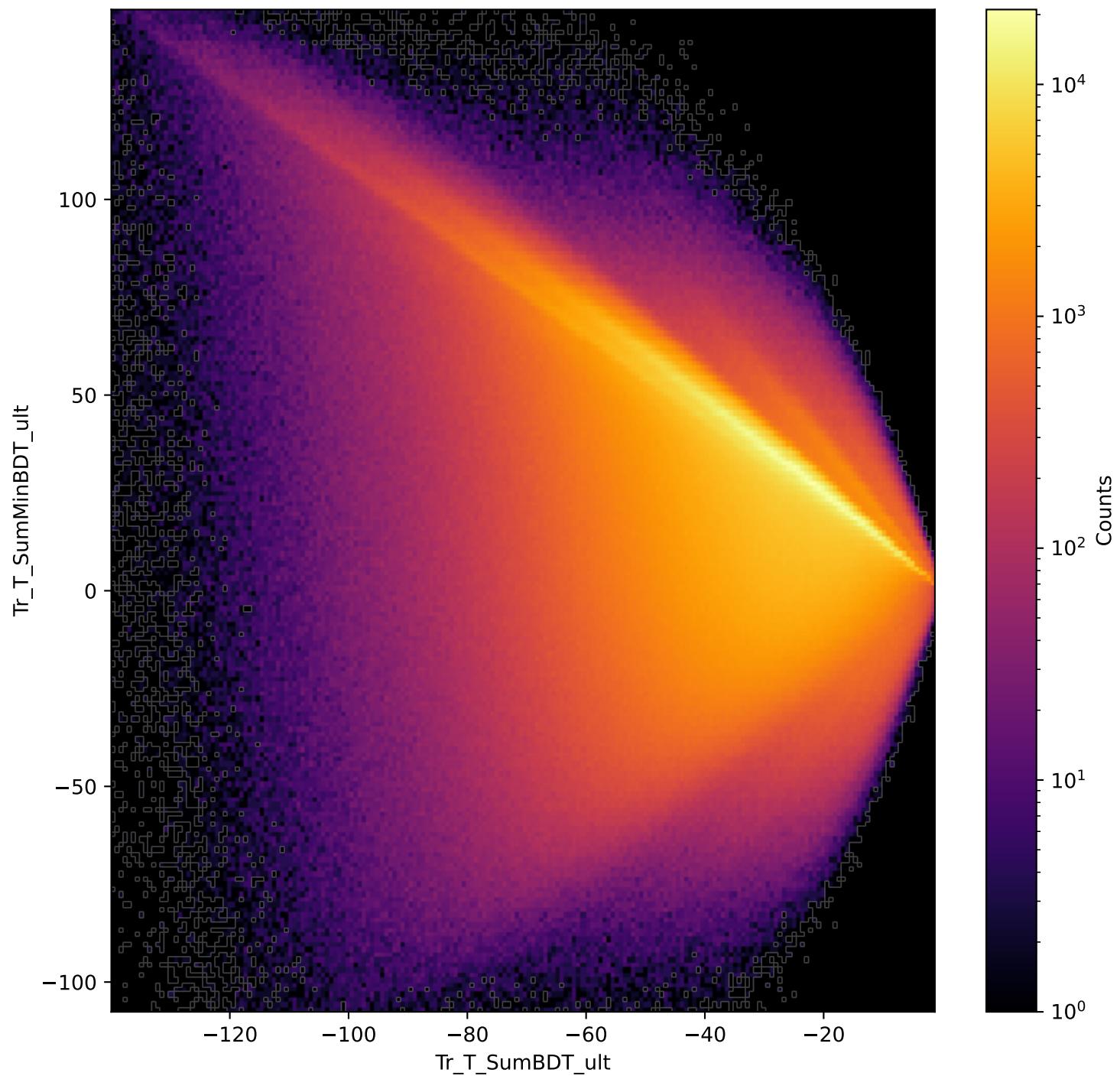
Hist2d Plot ('Tr_T_IP_trMother' vs 'Tr_T_Mother_VtxChi2')
correlation: 0.34957



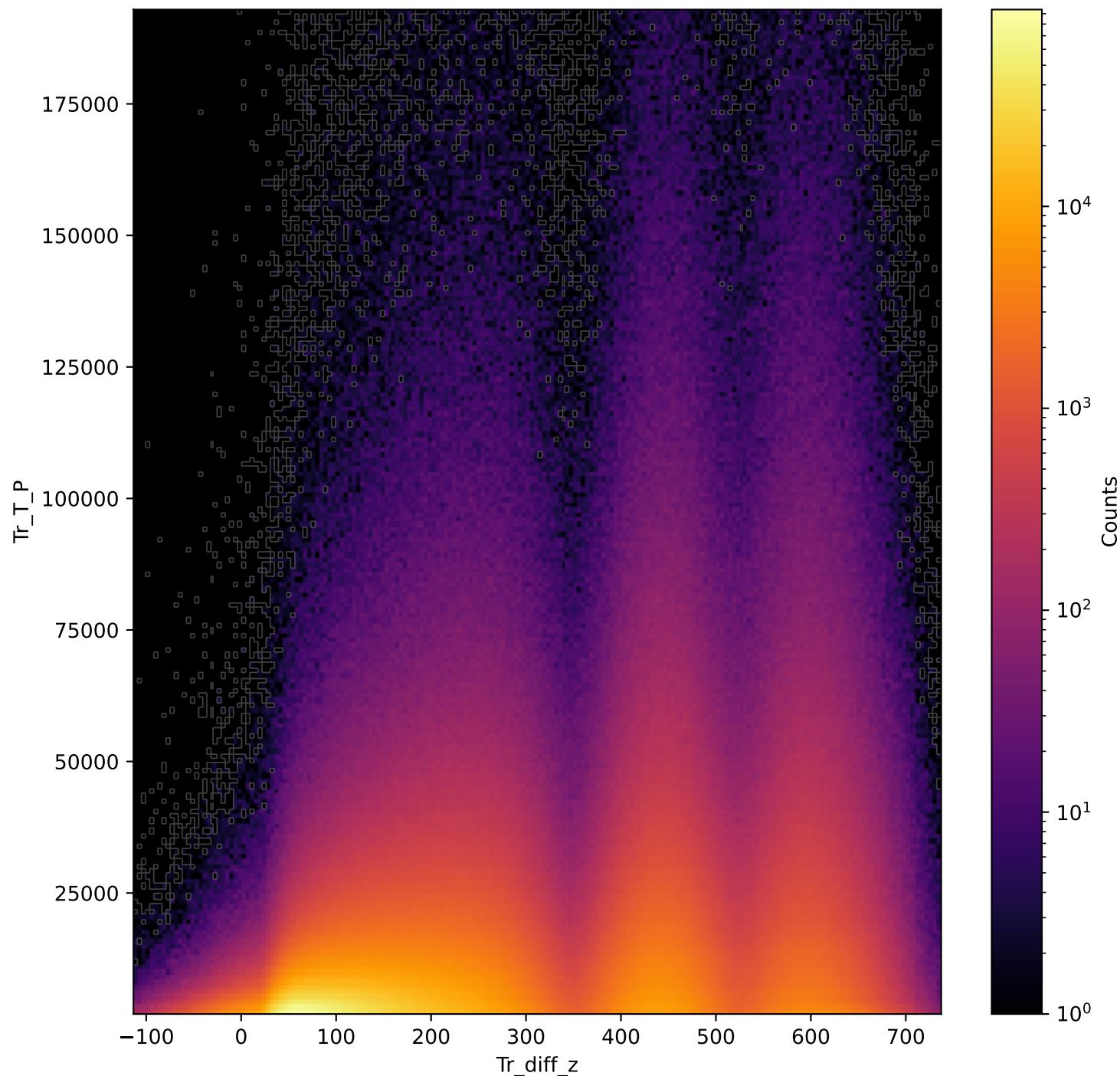
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_SumBDT_ult')
correlation: 0.34684



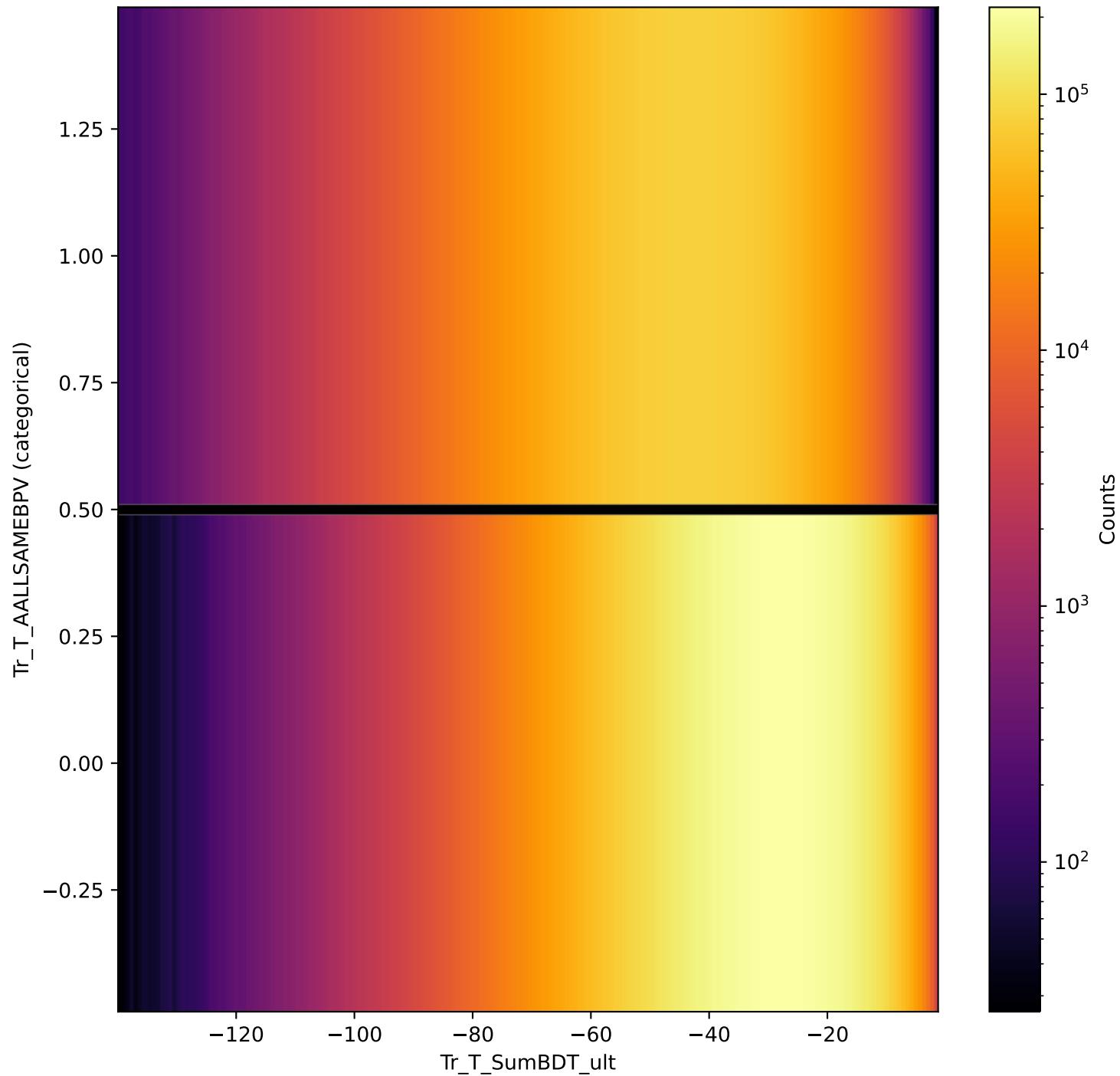
Hist2d Plot ('Tr_T_SumBDT_ult' vs 'Tr_T_SumMinBDT_ult')
correlation: -0.34548



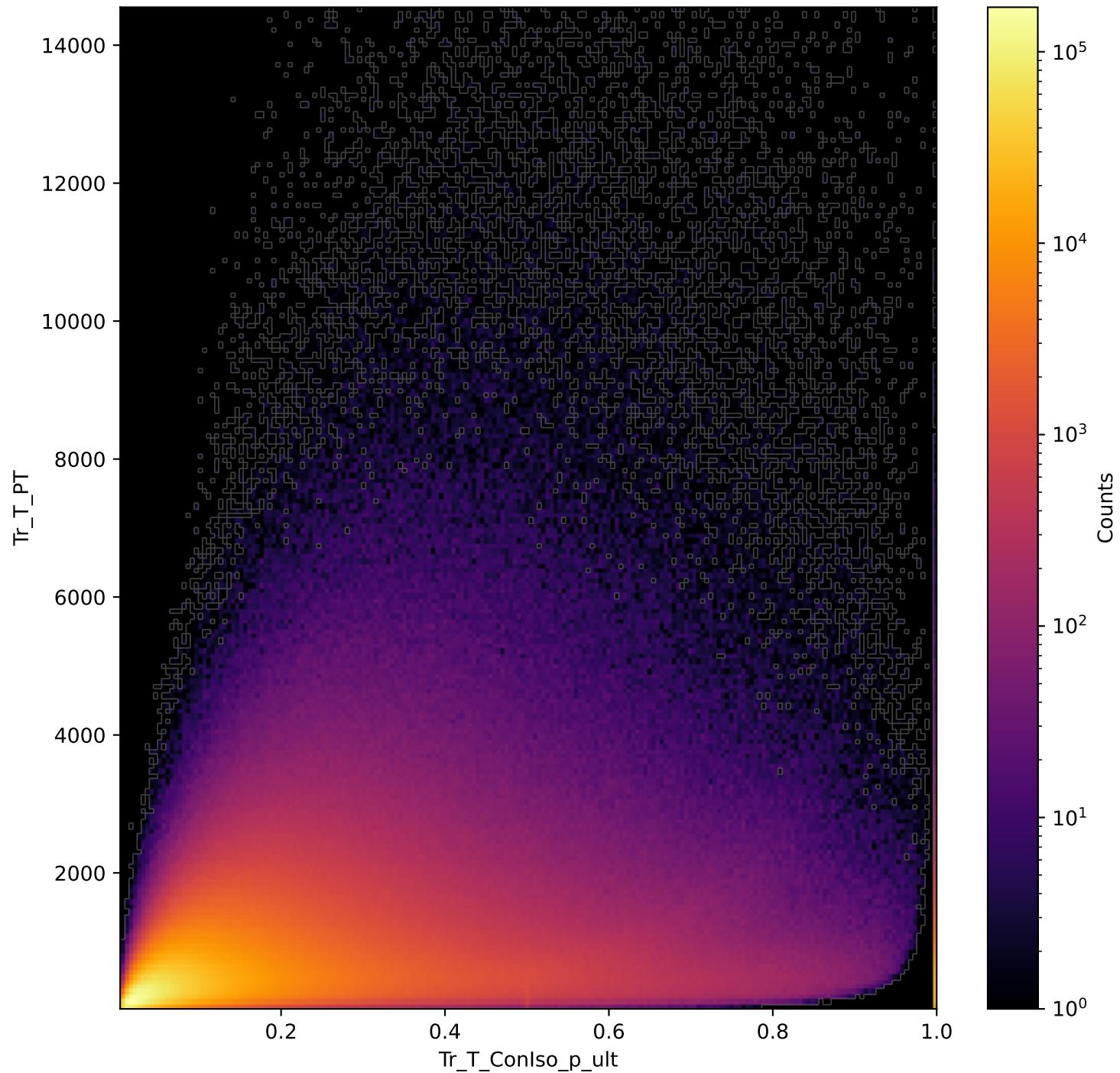
Hist2d Plot ('Tr_diff_z' vs 'Tr_T_P')
correlation: 0.34332



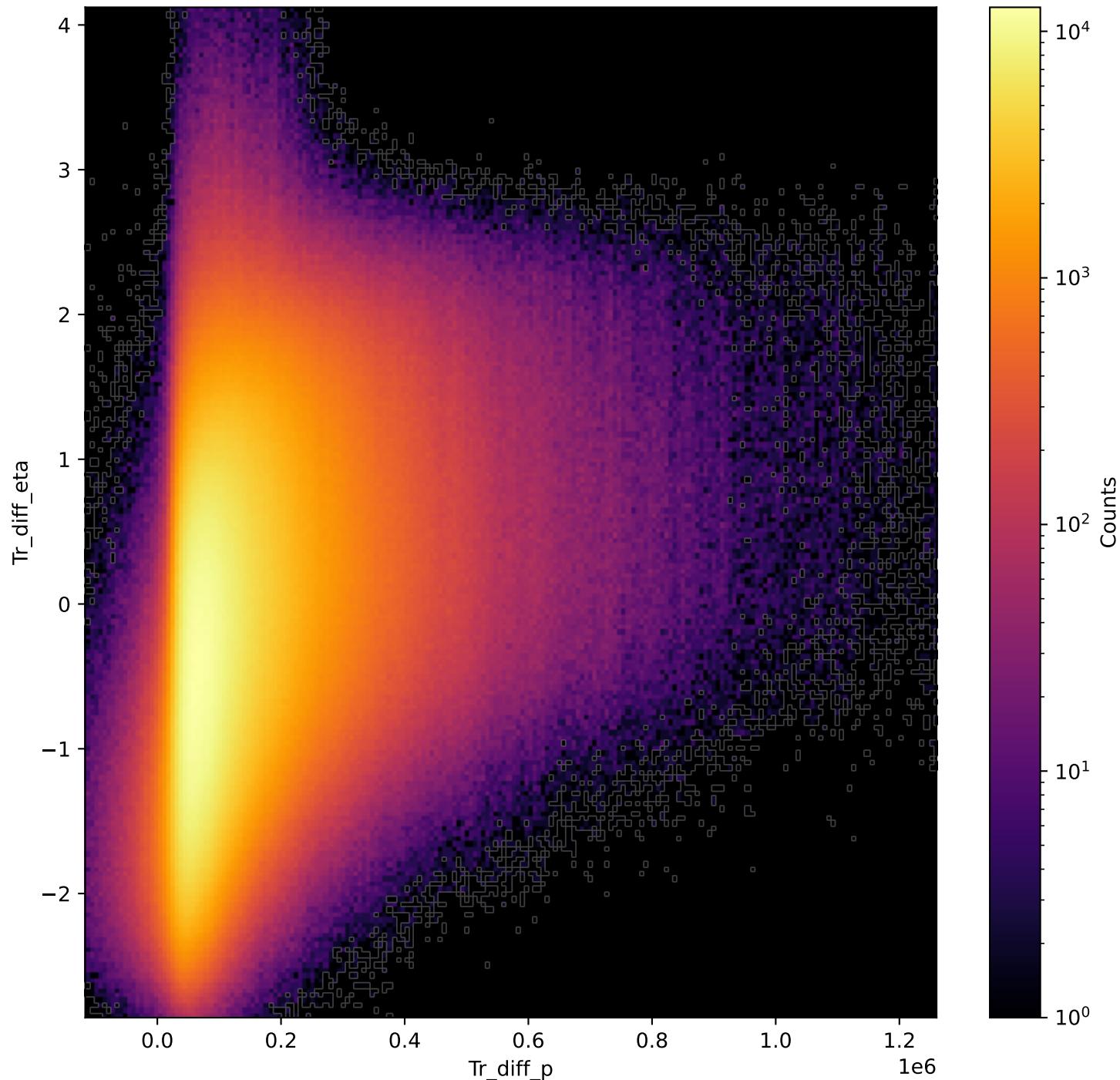
Hist2d Plot ('Tr_T_SumBDT_ult' vs 'Tr_T_AALLSAMEBPV')
correlation: -0.34115



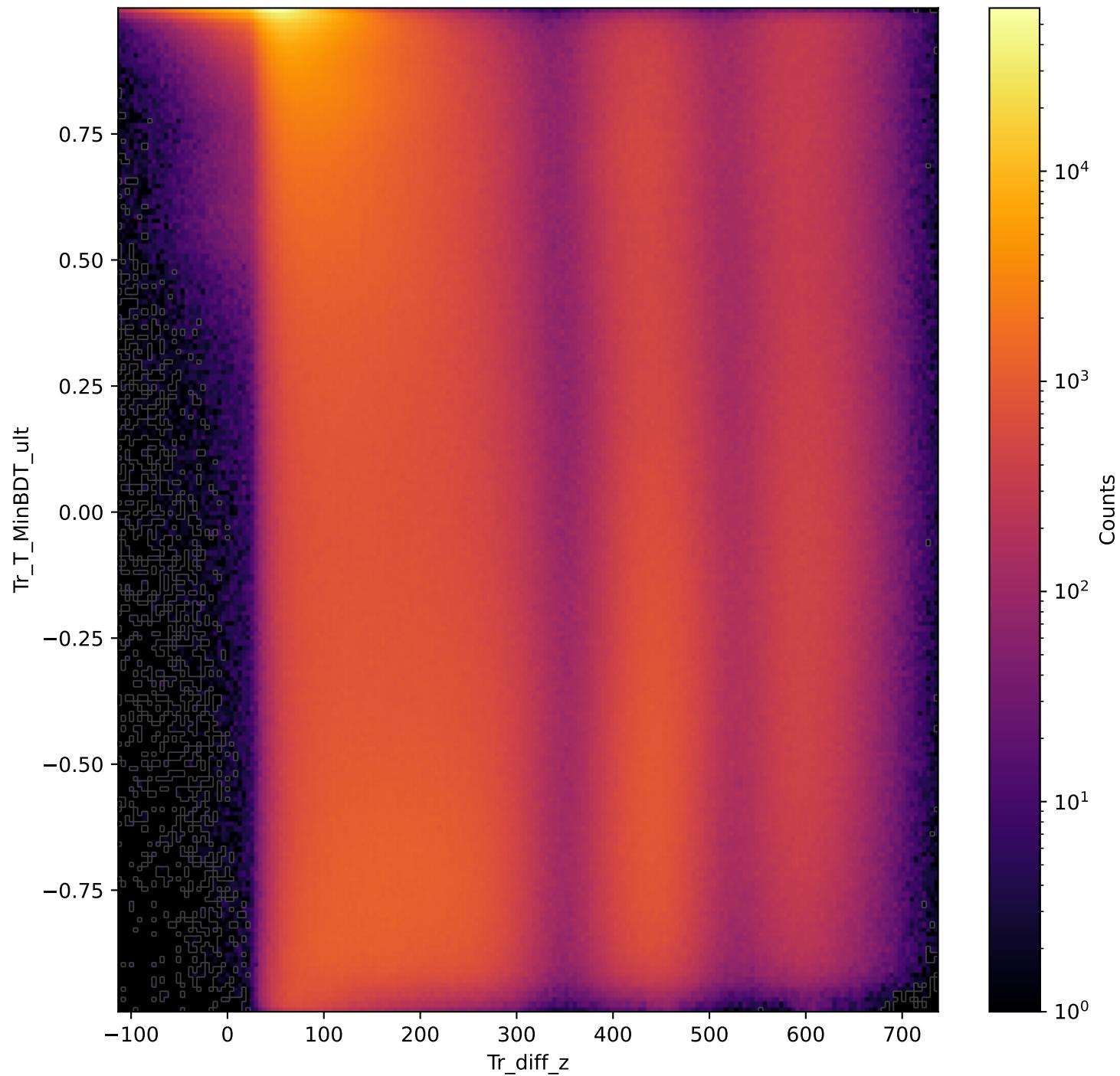
Hist2d Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_PT')
correlation: 0.33643



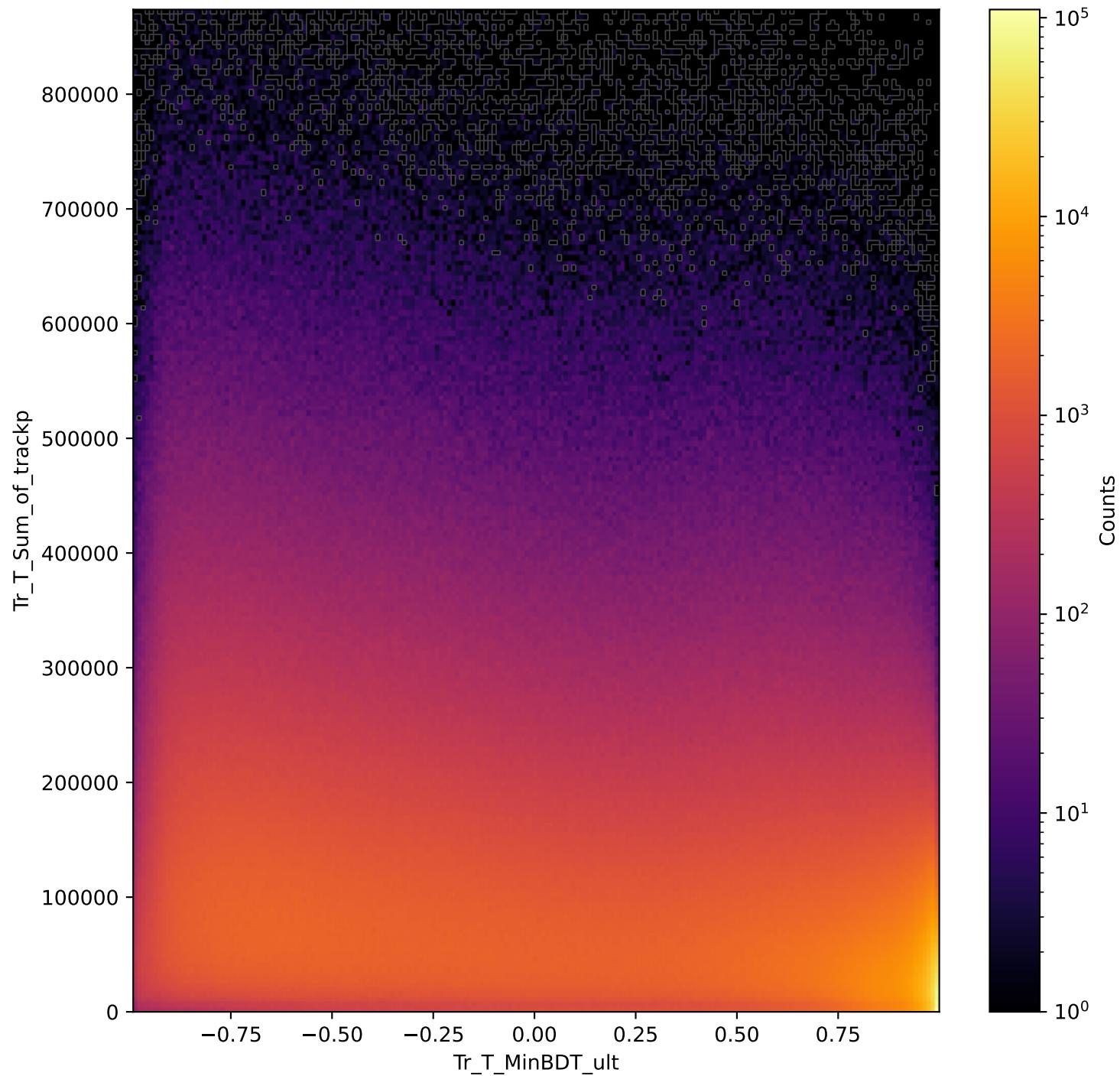
Hist2d Plot ('Tr_diff_p' vs 'Tr_diff_eta')
correlation: 0.32782



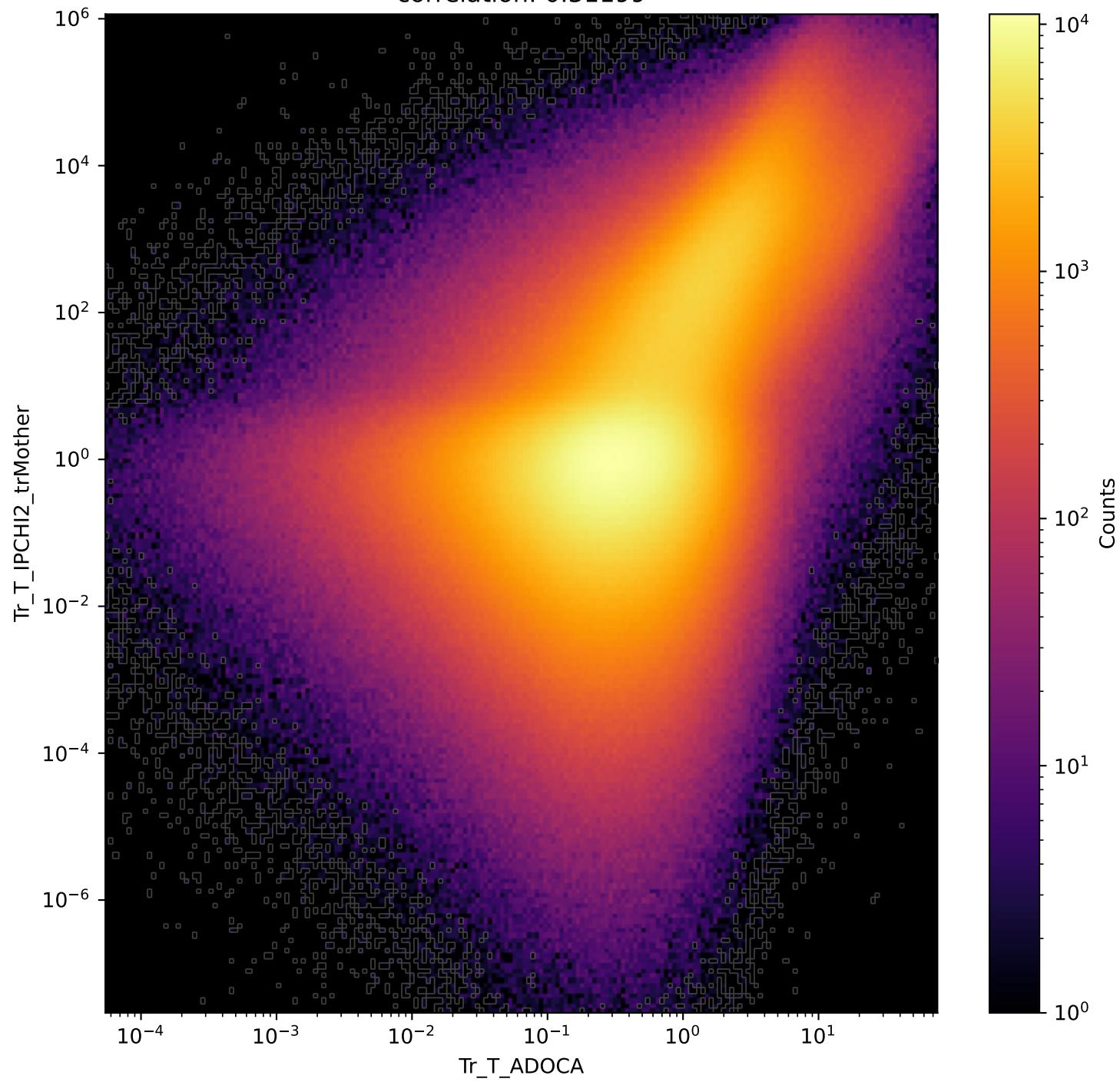
Hist2d Plot ('Tr_diff_z' vs 'Tr_T_MinBDT_ult')
correlation: -0.32114



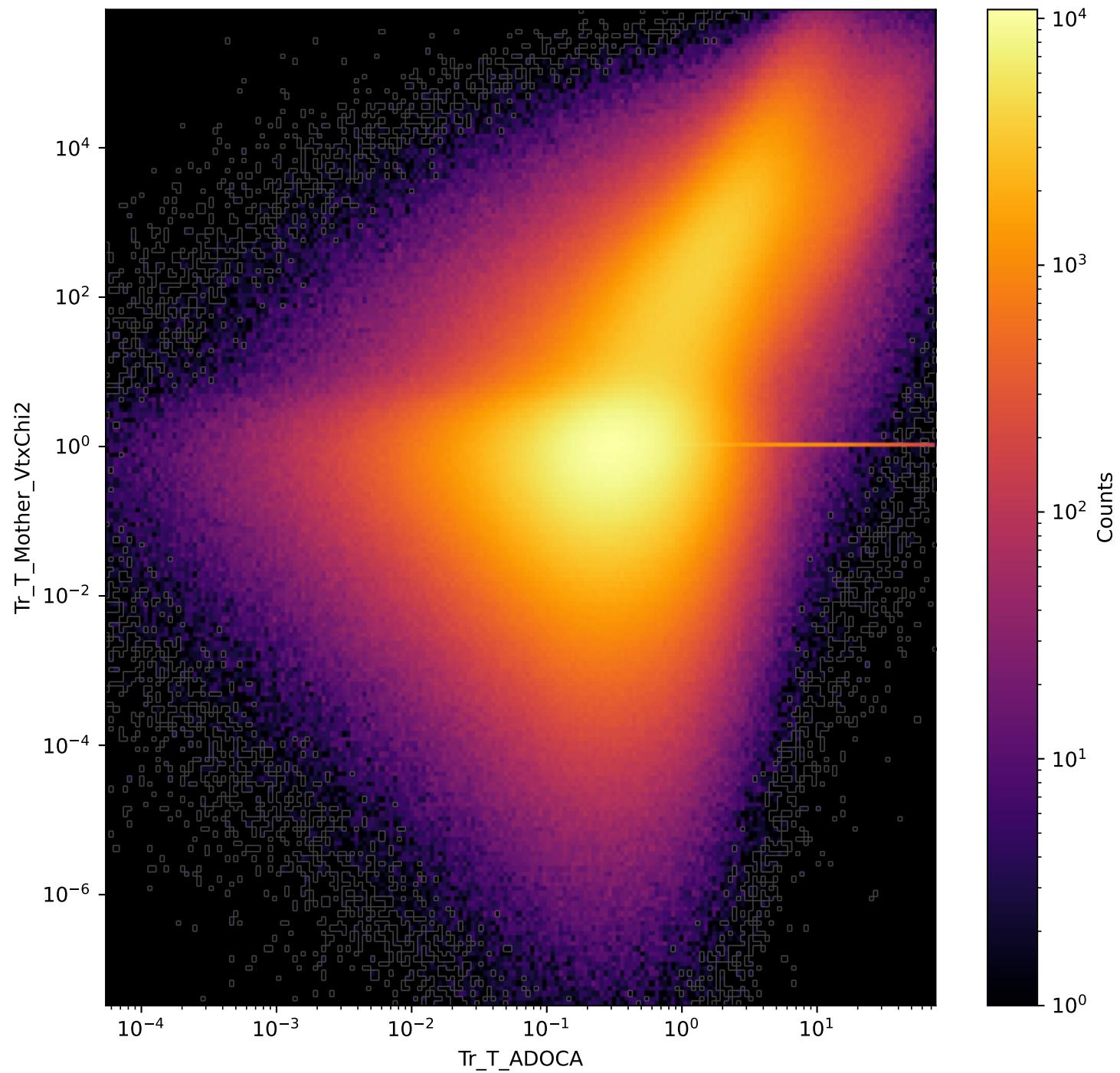
Hist2d Plot ('Tr_T_MinBDT_ult' vs 'Tr_T_Sum_of_trackp')
correlation: -0.31586



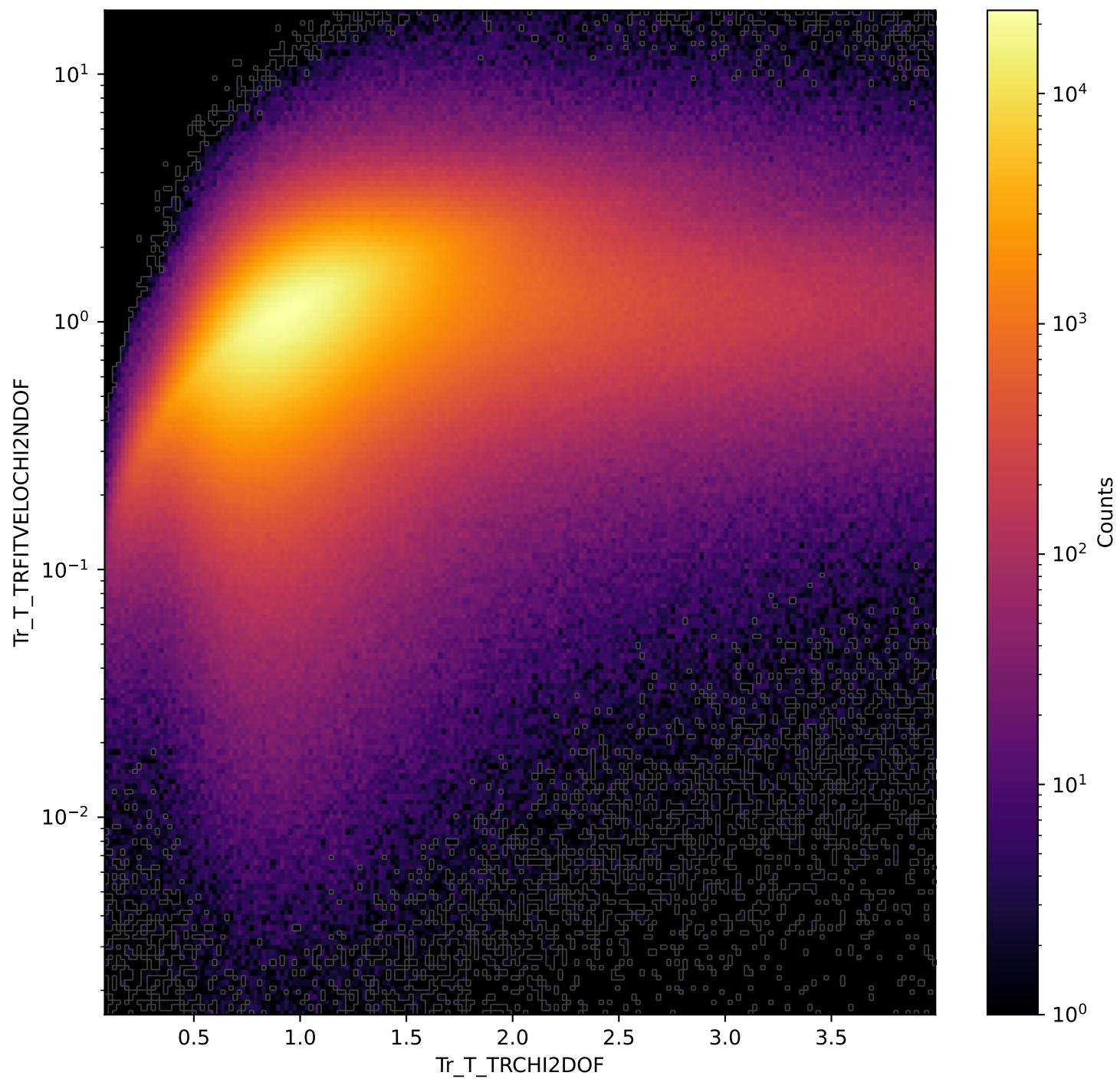
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_IPCHI2_trMother')
correlation: 0.31199



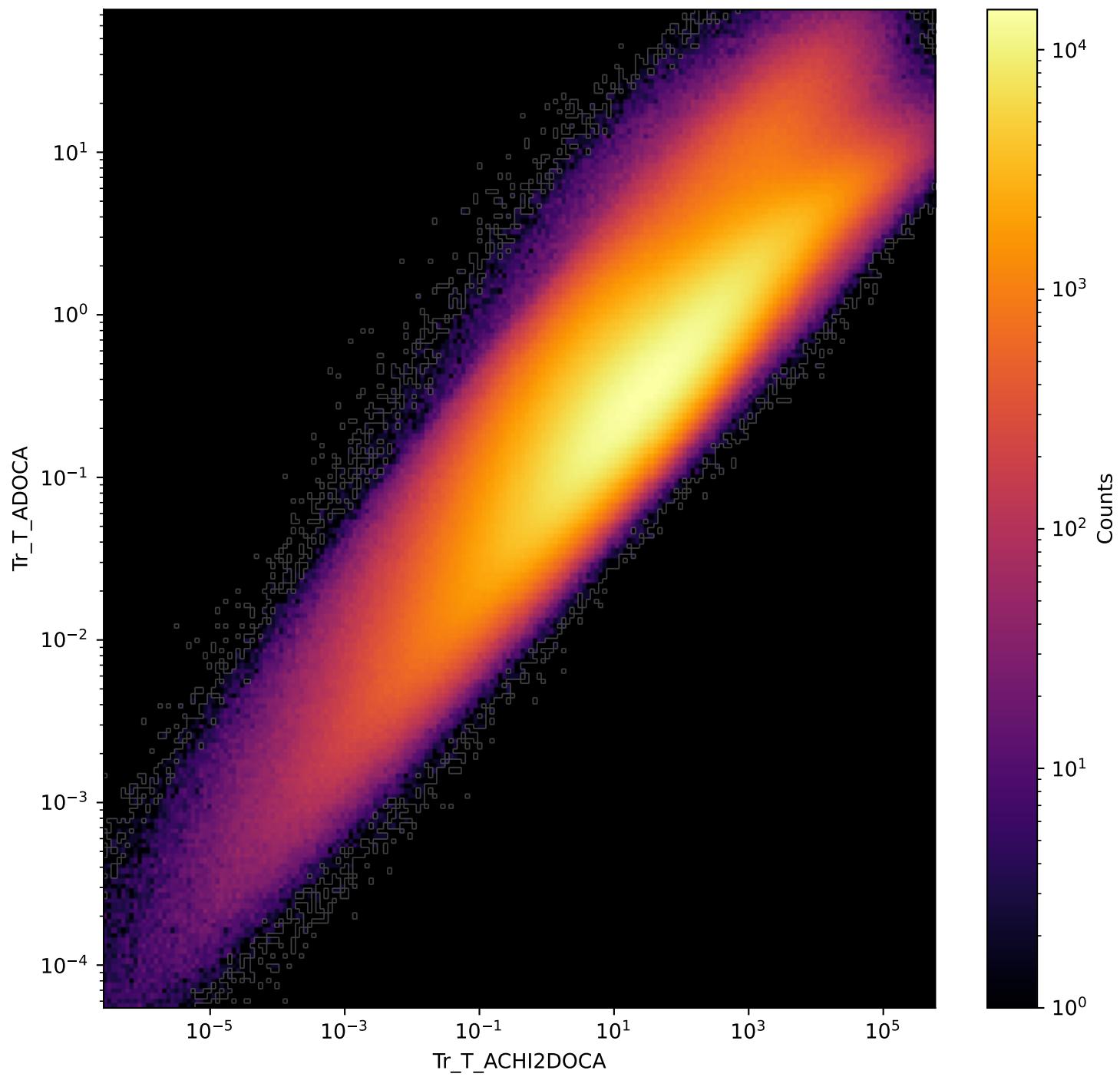
Hist2d Plot ('Tr_T_ADOCA' vs 'Tr_T_Mother_VtxChi2')
correlation: 0.31017



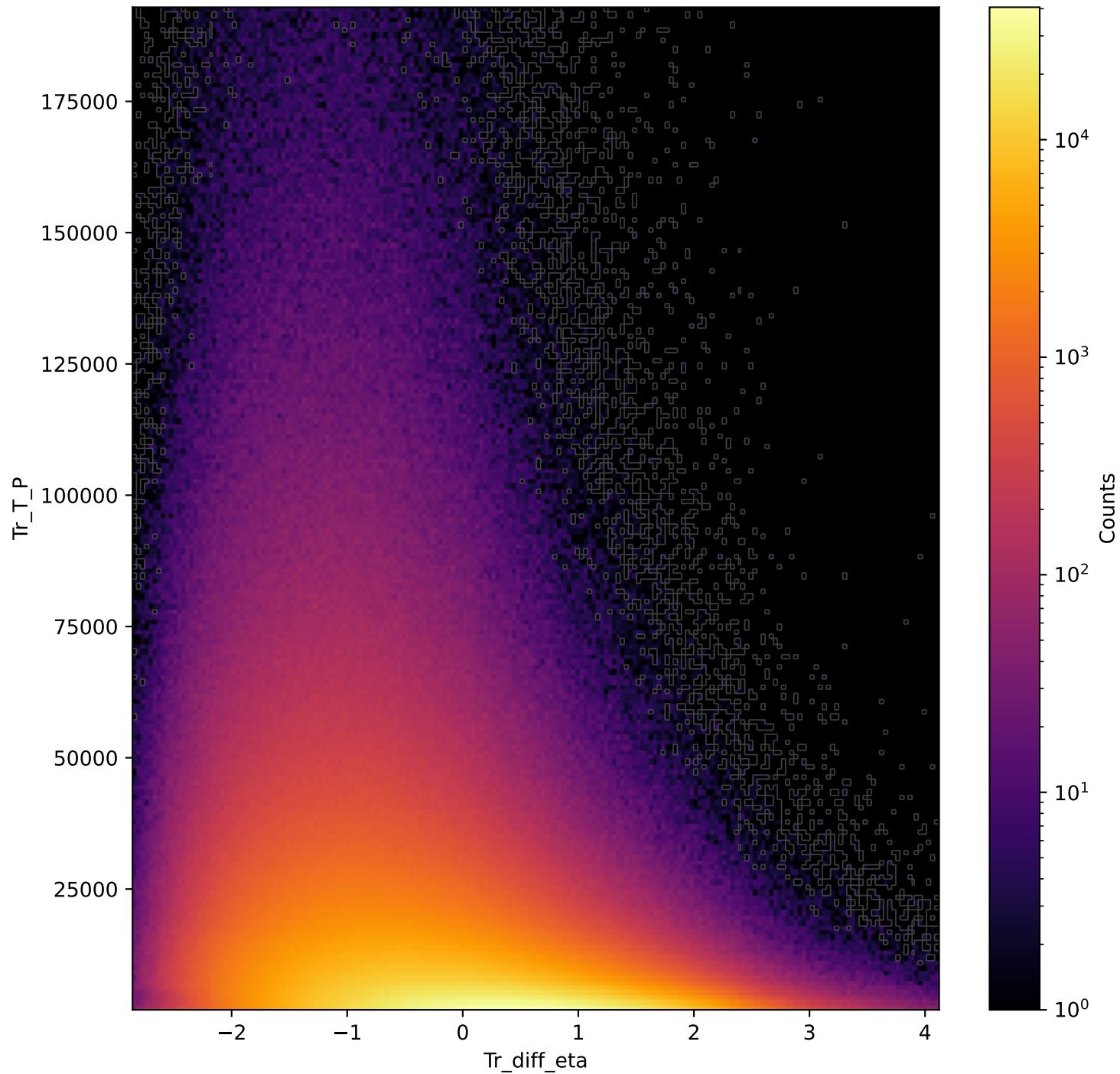
Hist2d Plot ('Tr_T_TRCHI2DOF' vs 'Tr_T_TRFITVELOCHI2NDOF')
correlation: 0.30861



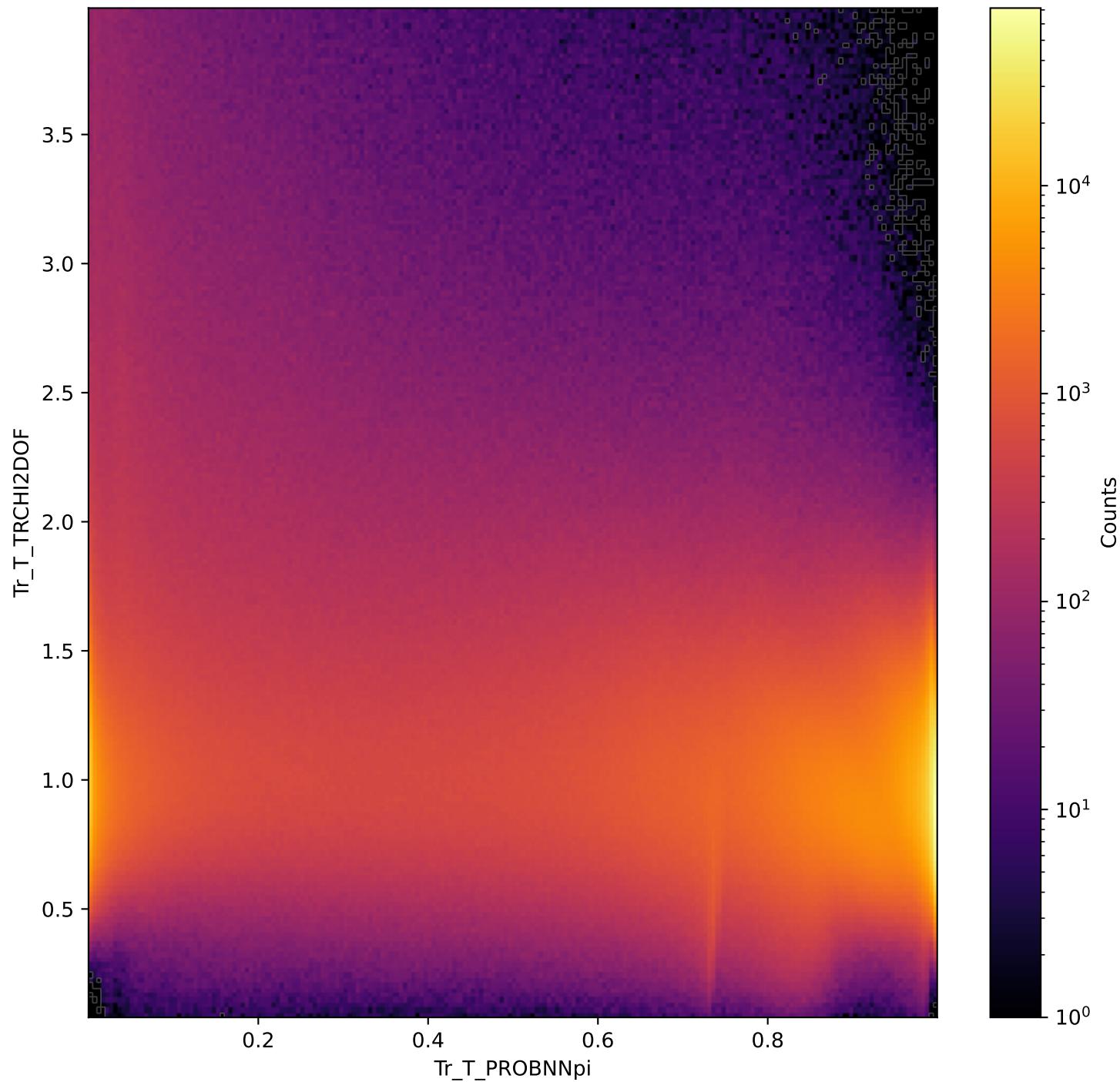
Hist2d Plot ('Tr_T_ACHI2DOCA' vs 'Tr_T_ADOCA')
correlation: 0.30846



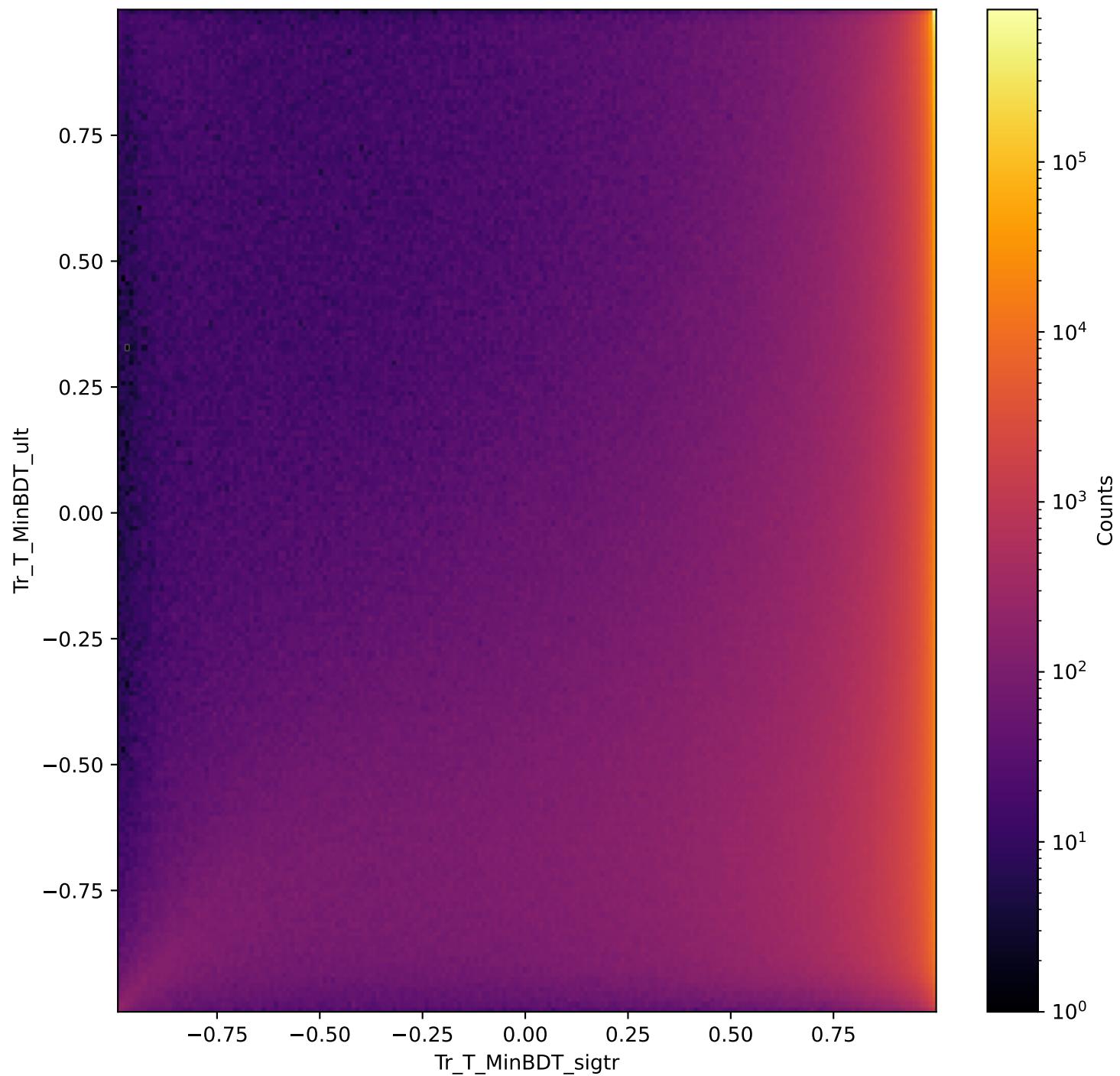
Hist2d Plot ('Tr_diff_eta' vs 'Tr_T_P')
correlation: -0.30665



Hist2d Plot ('Tr_T_PROBNNpi' vs 'Tr_T_TRCHI2DOF')
correlation: -0.30515



Hist2d Plot ('Tr_T_MinBDT_sigtr' vs 'Tr_T_MinBDT_ult')
correlation: 0.30151



Hist2d Plot ('Tr_T_MinBDT_sigtr' vs 'Tr_T_SumMinBDT_ult')
correlation: 0.30001

