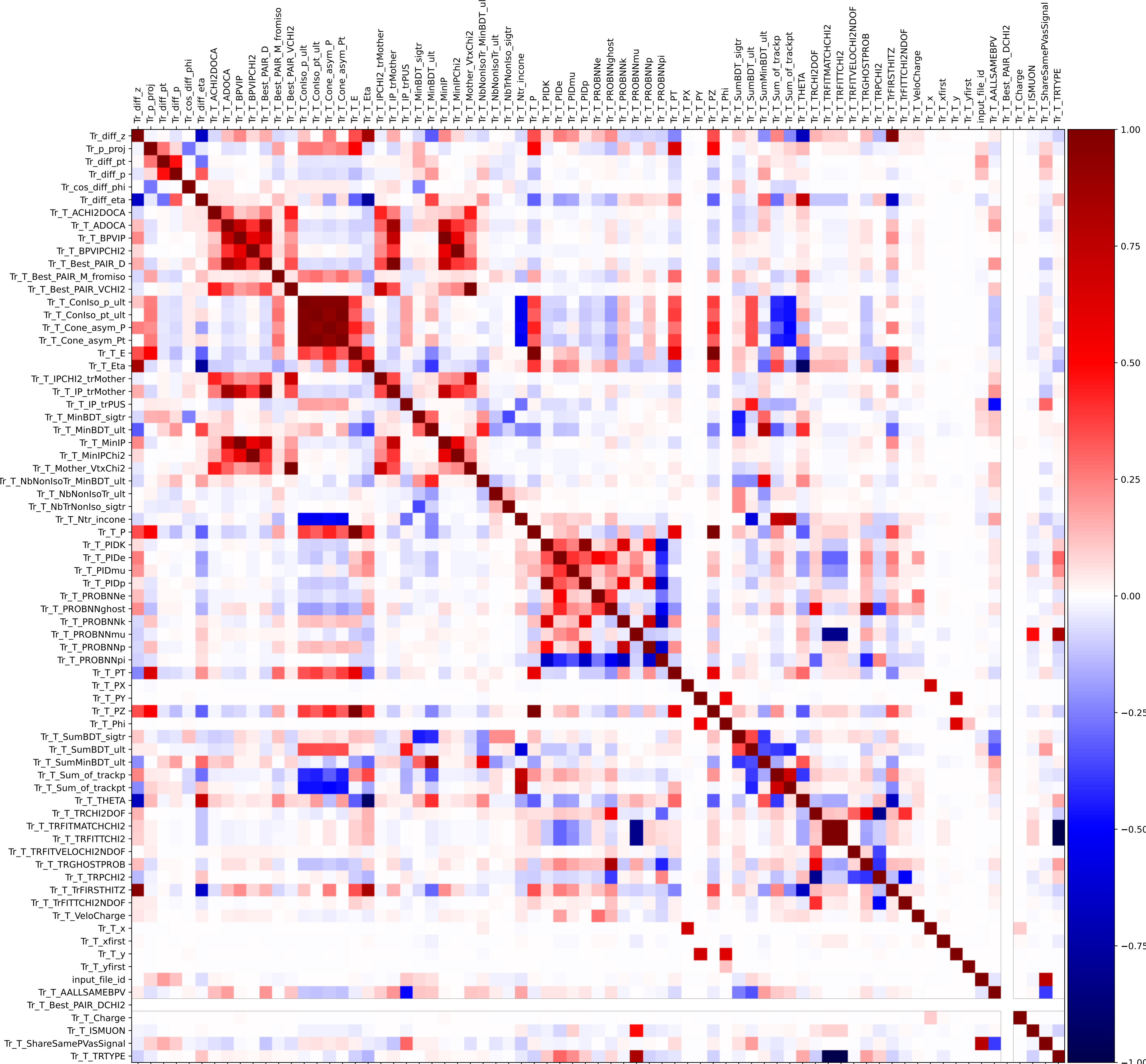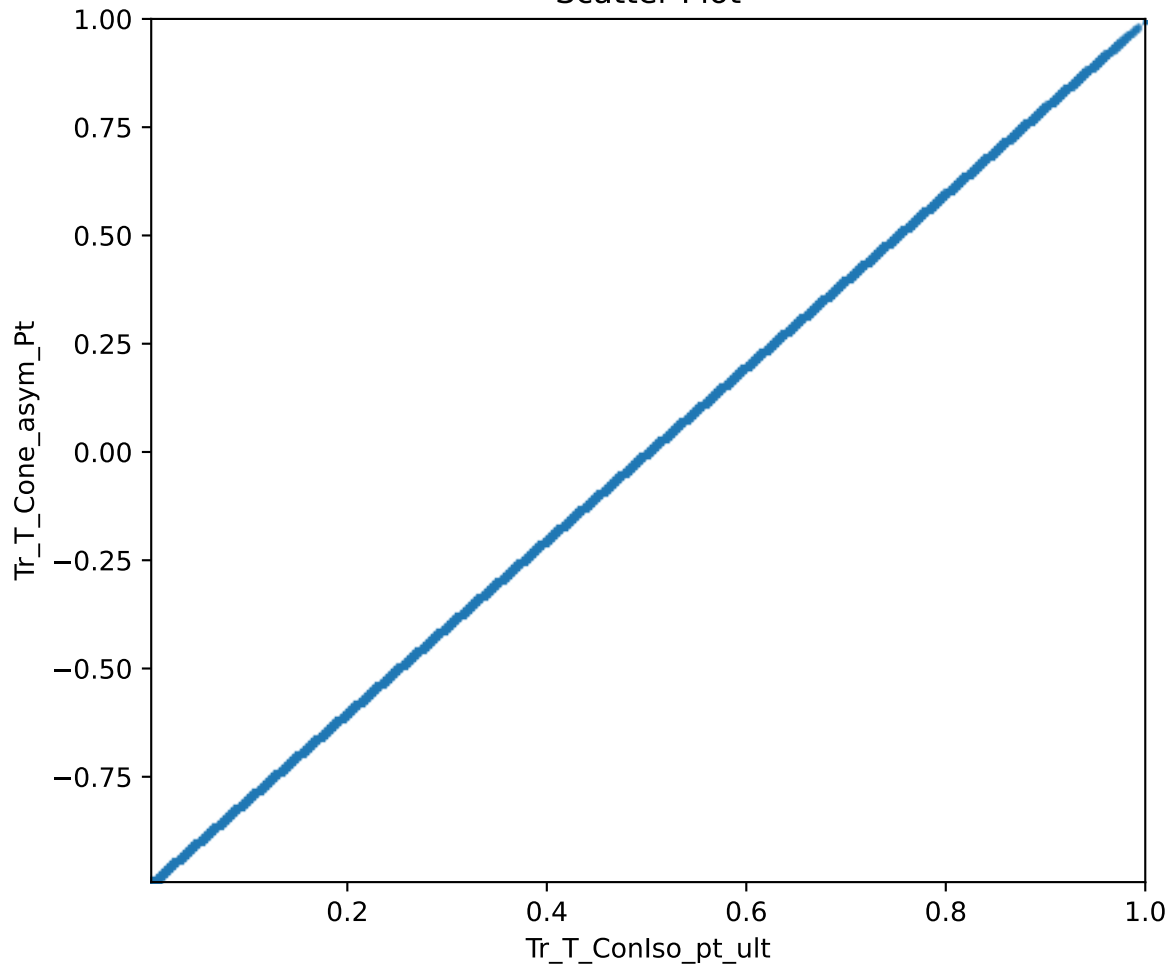Feature Correlation
Evaluated with cuts at quantiles 0.0001-0.9999
Tracks: 17873947 / 18027892
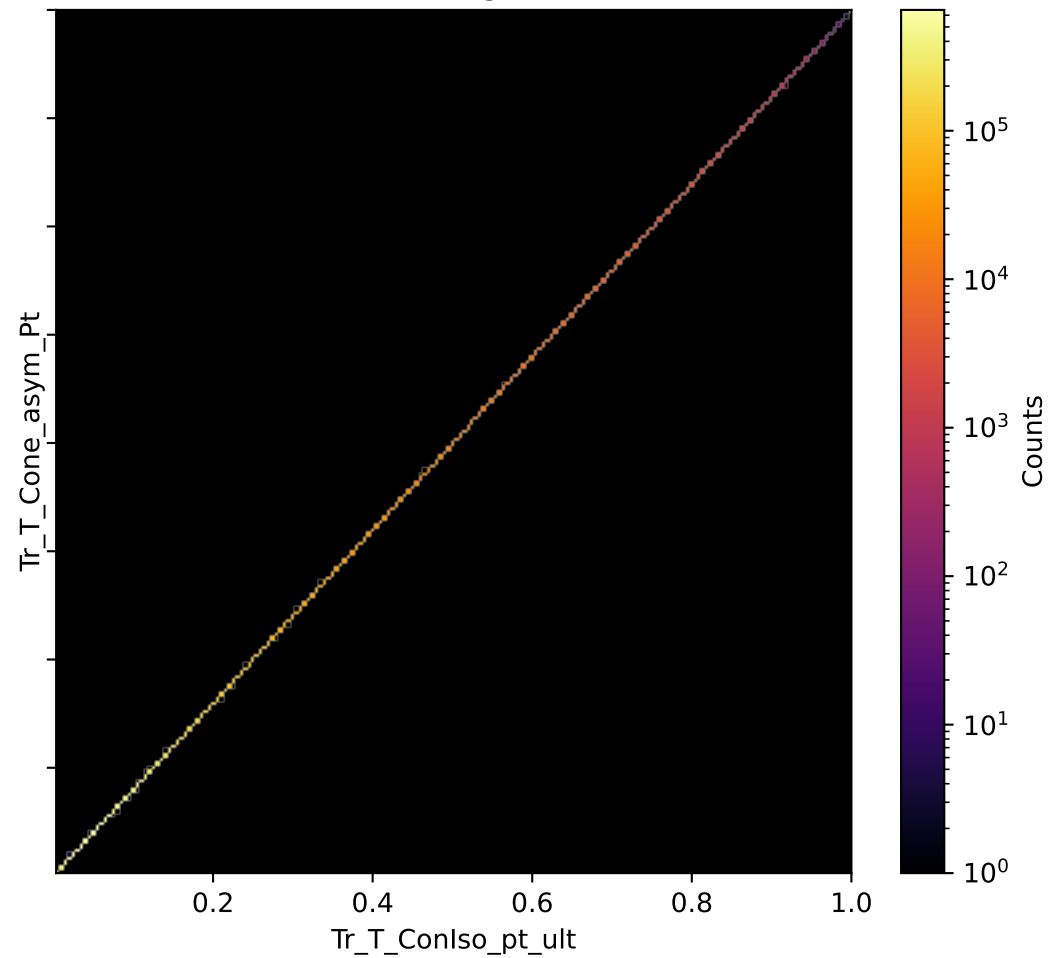
Pair Plot ('Tr_T_ConIso_pt_ult' vs 'Tr_T_Cone_asym_Pt')
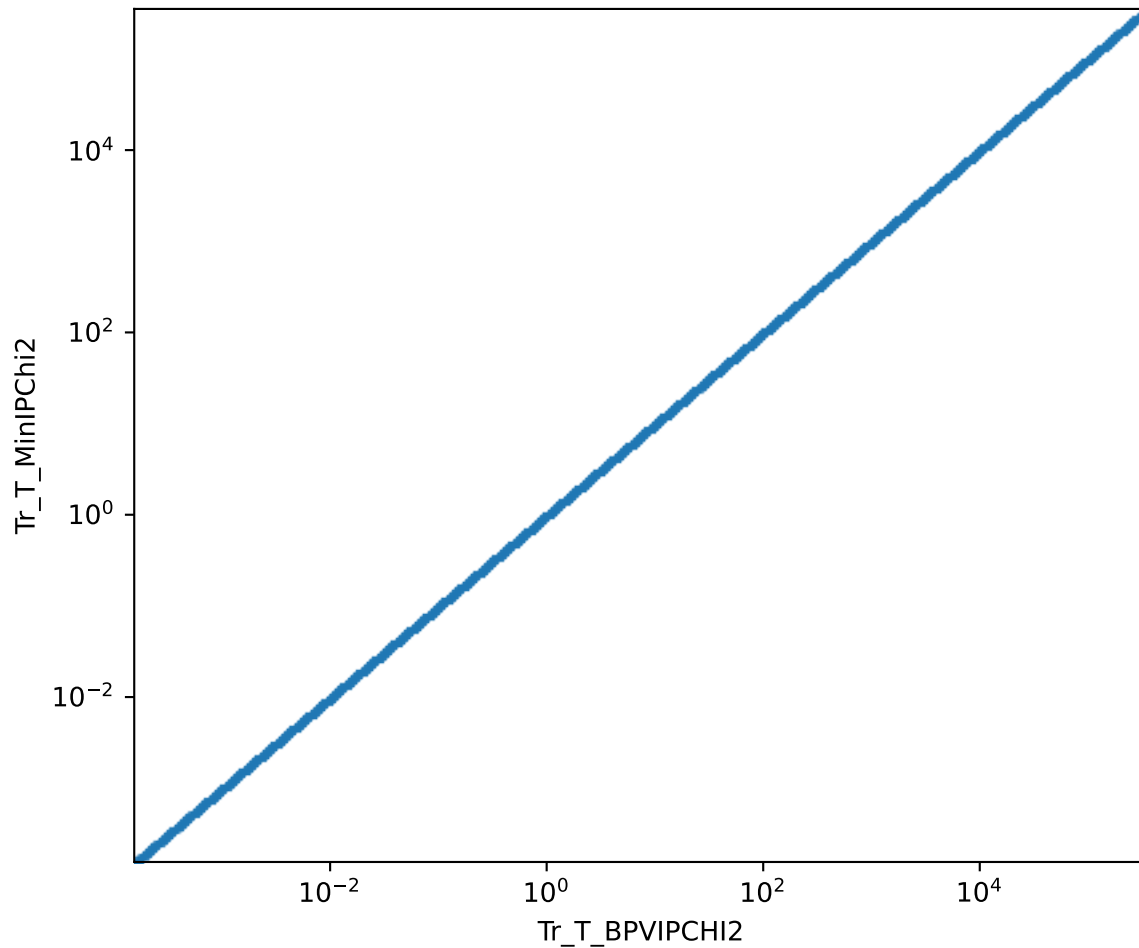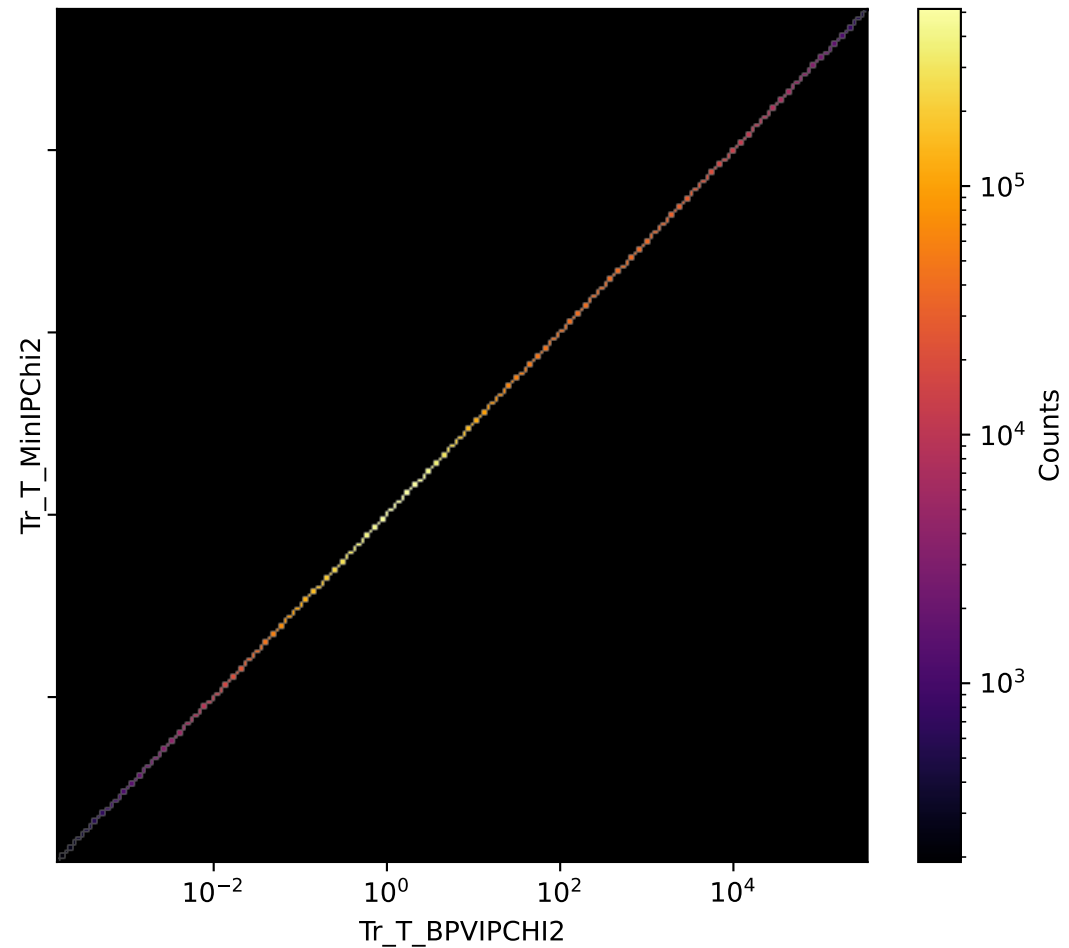correlation: 1.00000

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

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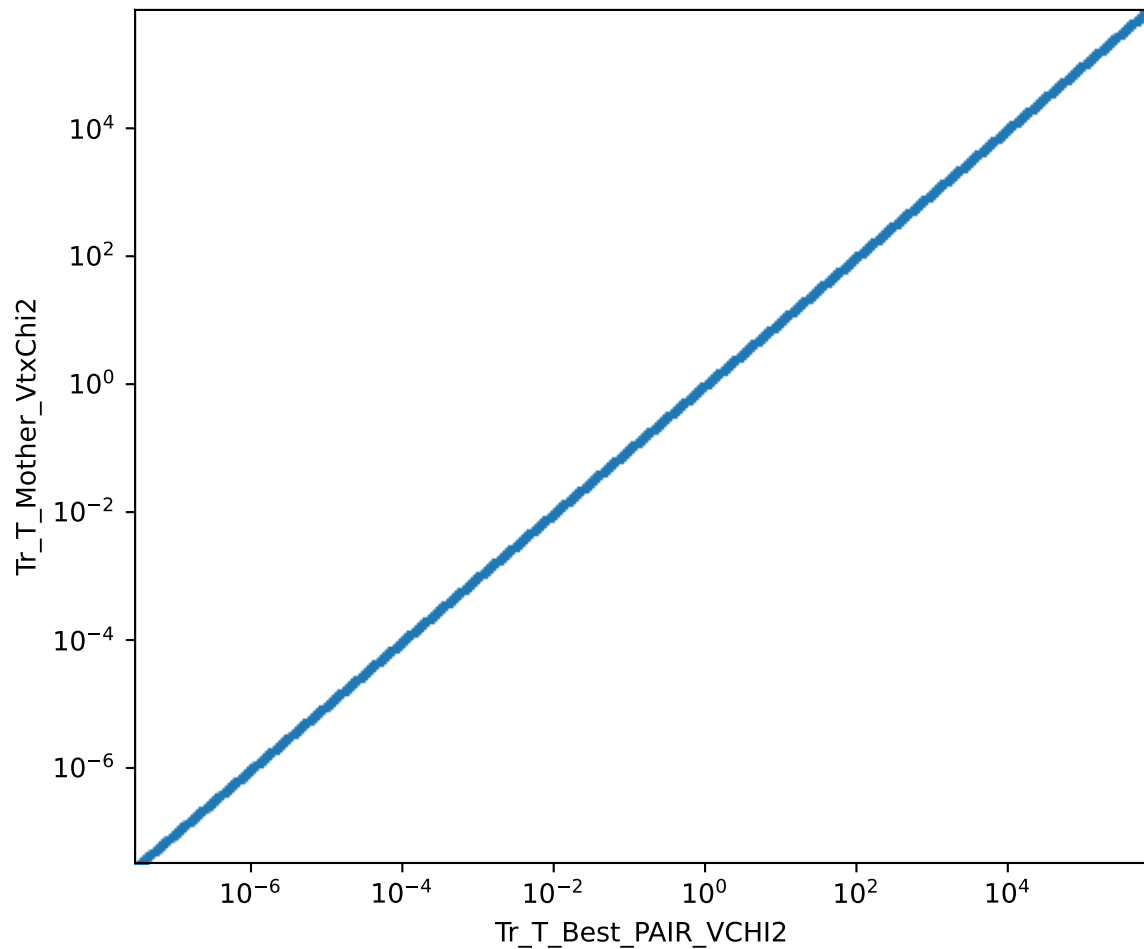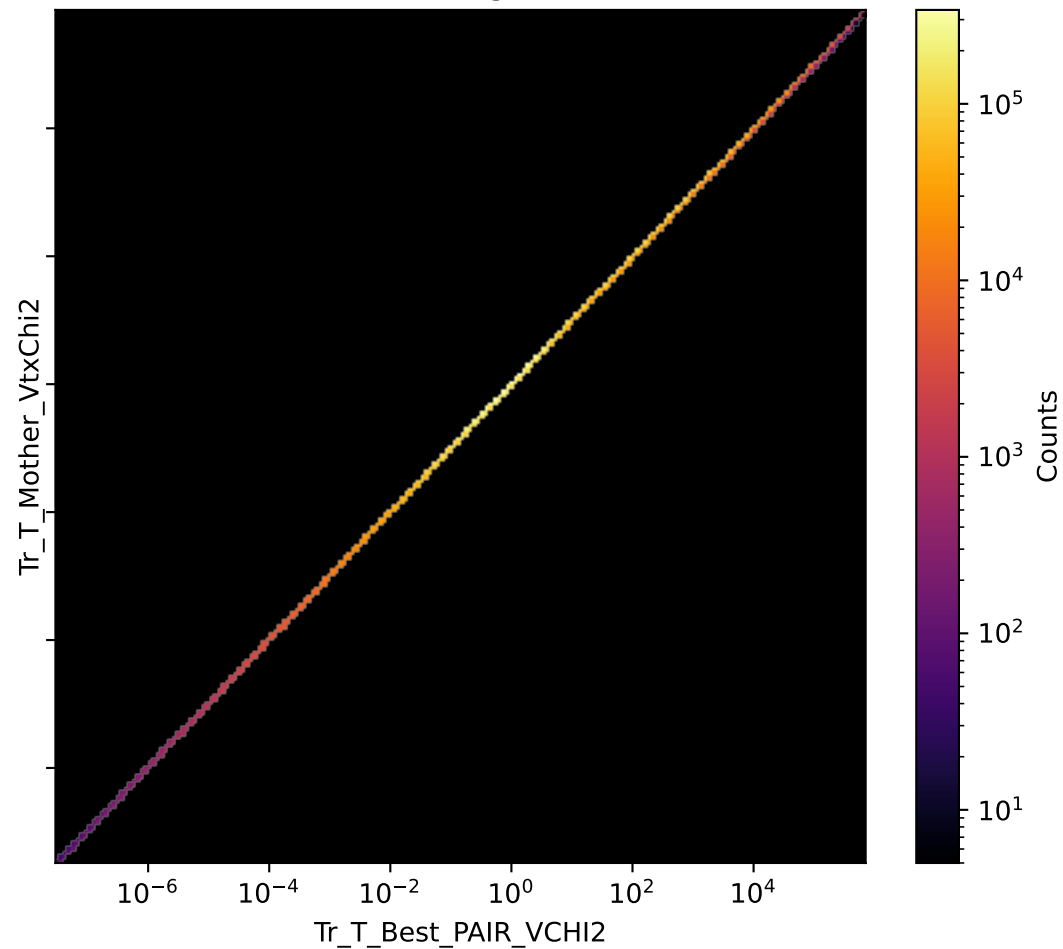correlation: 1.00000

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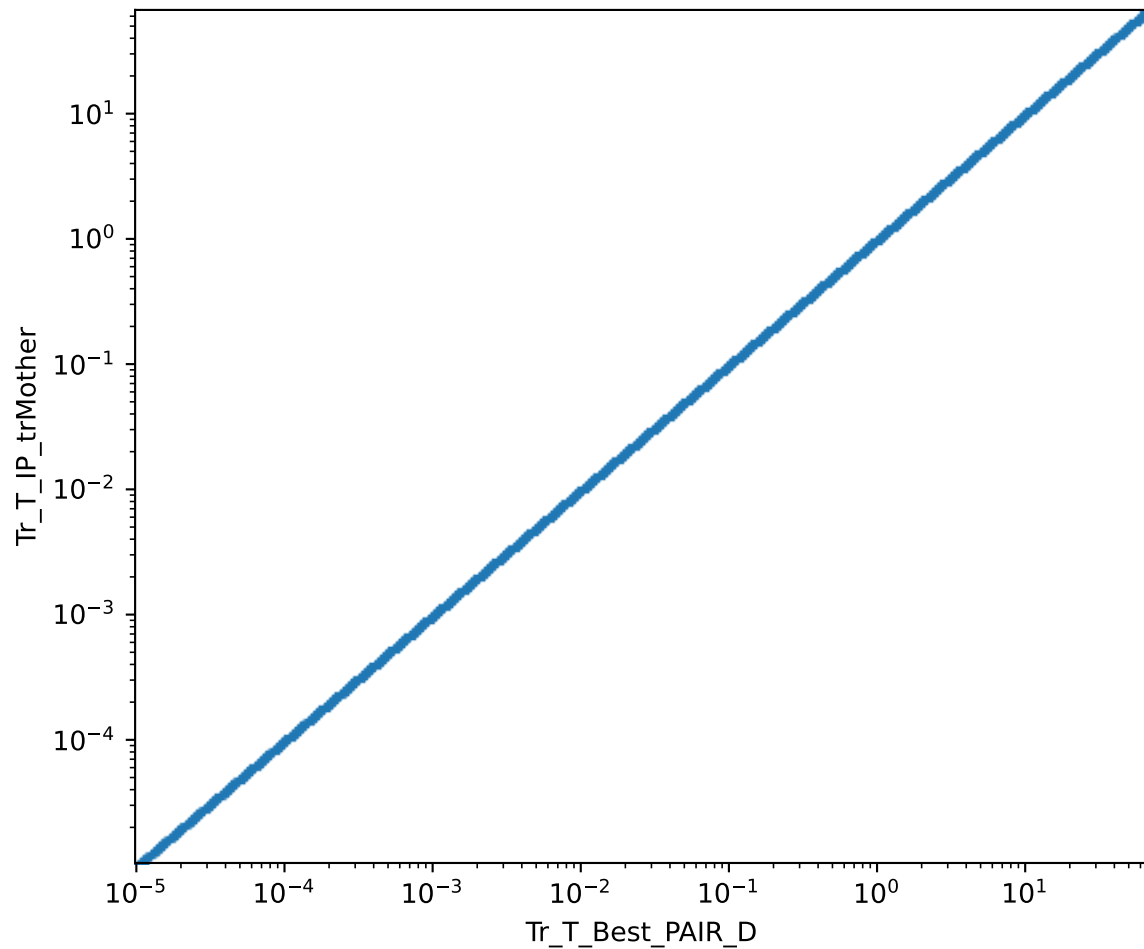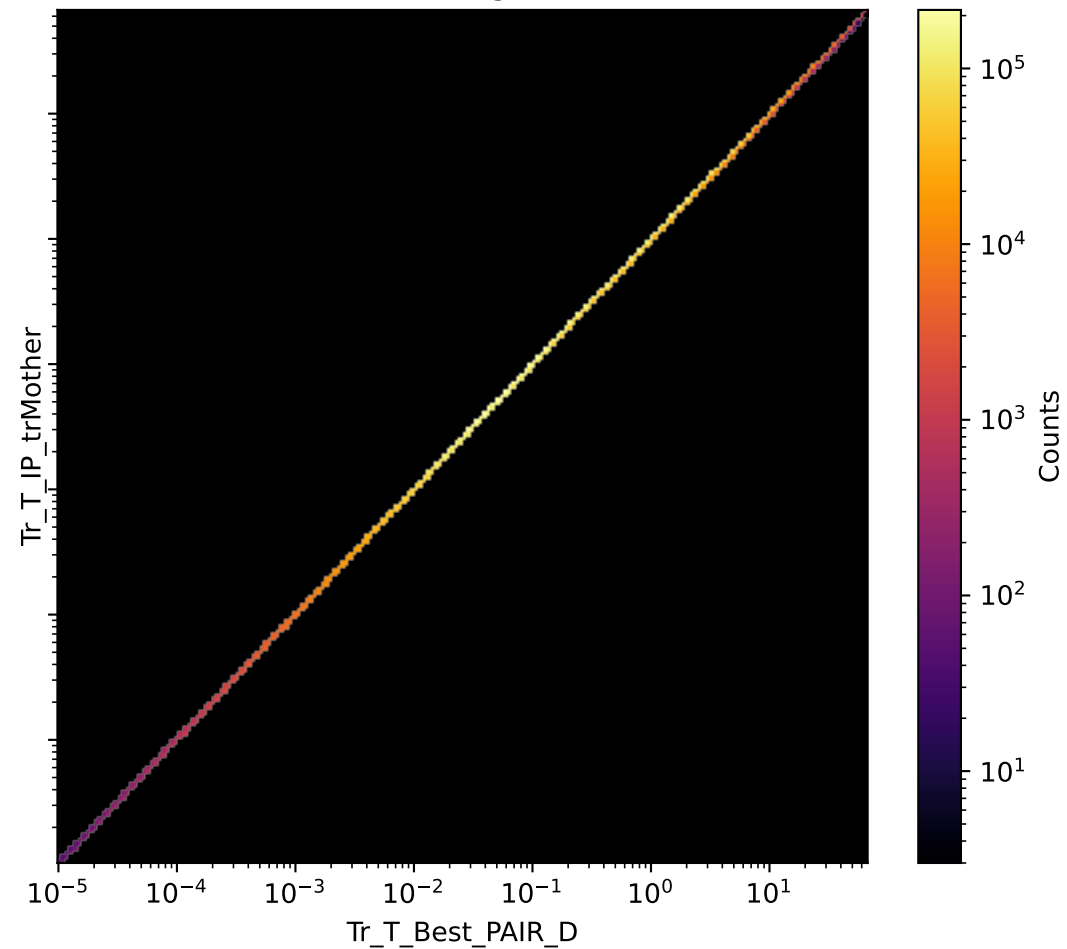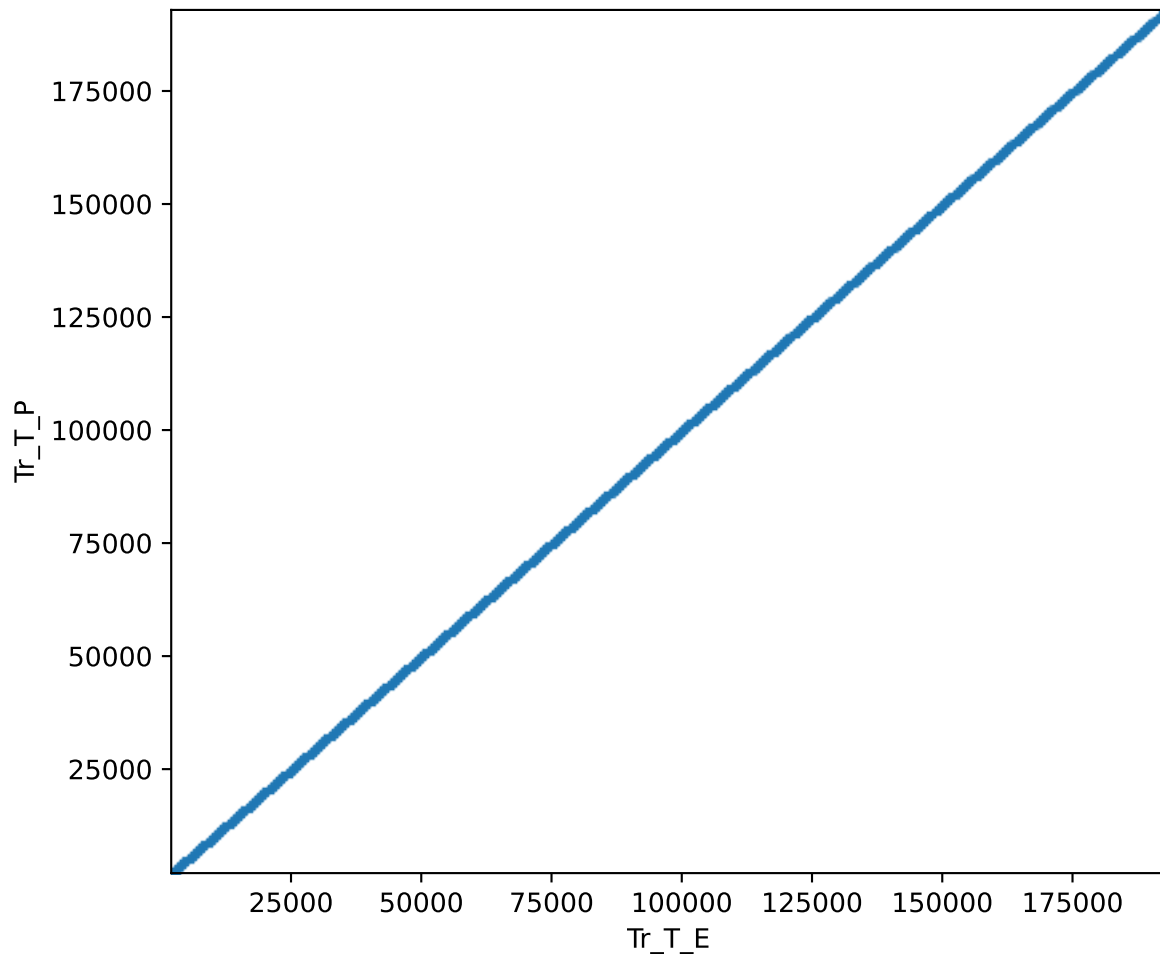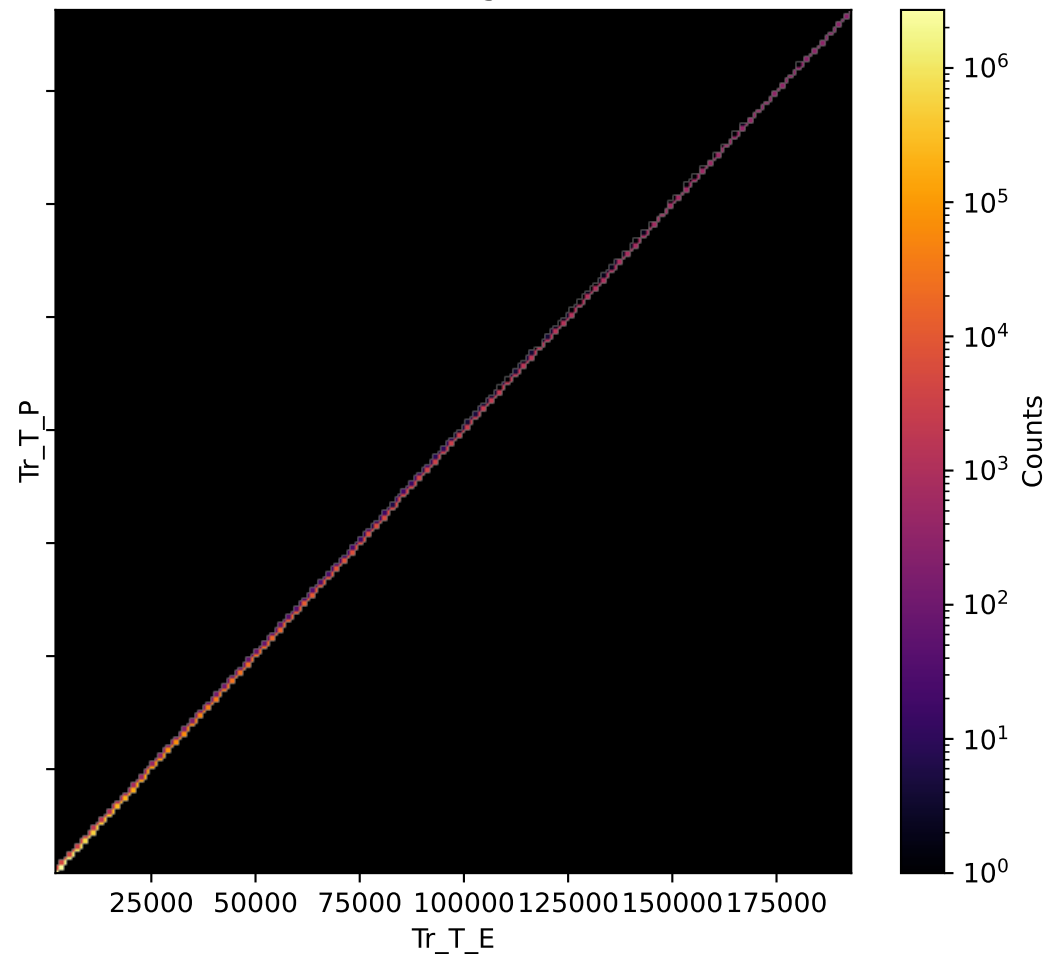correlation: 1.00000

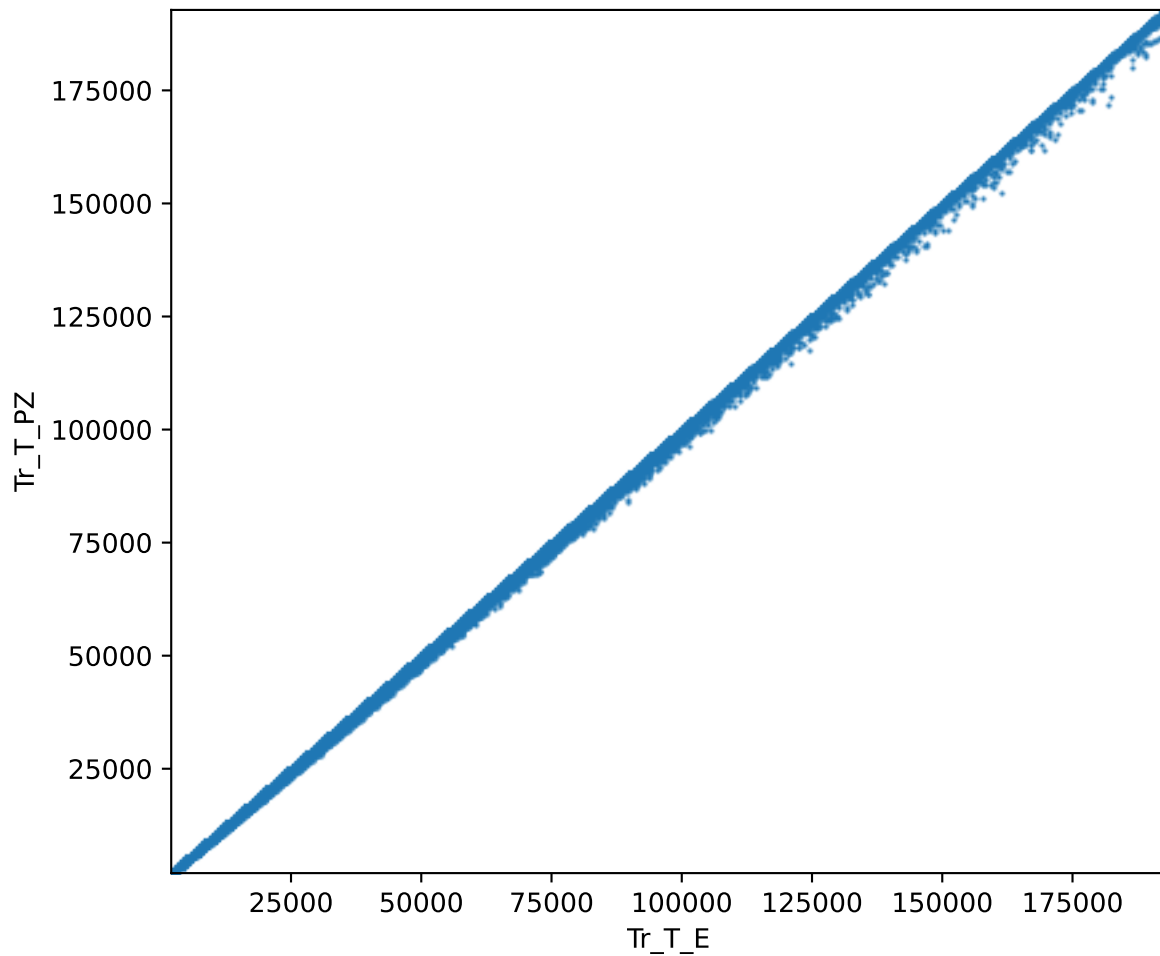# Pair Plot ('Tr_T_E' vs 'Tr_T_P')
## correlation: 1.00000
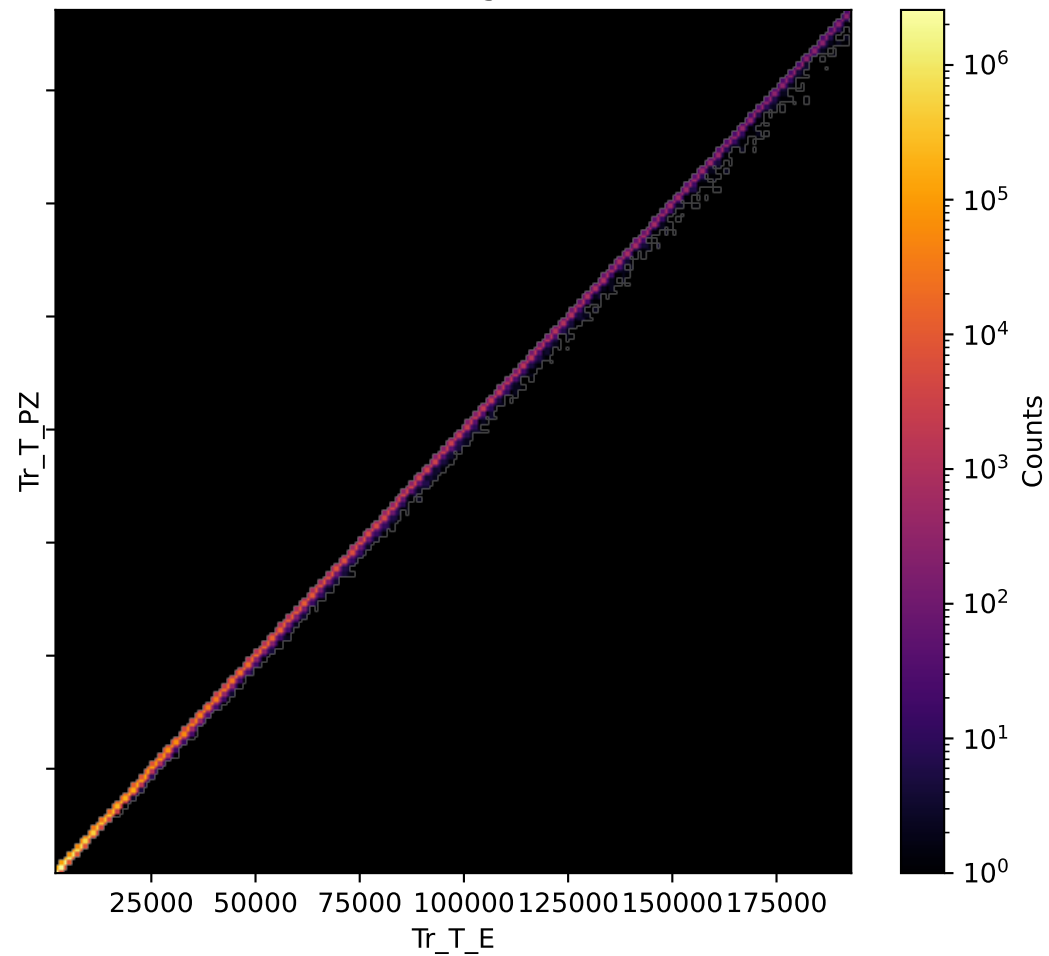
Pair Plot ('Tr_T_E' vs 'Tr_T_PZ')
correlation: 0.99999

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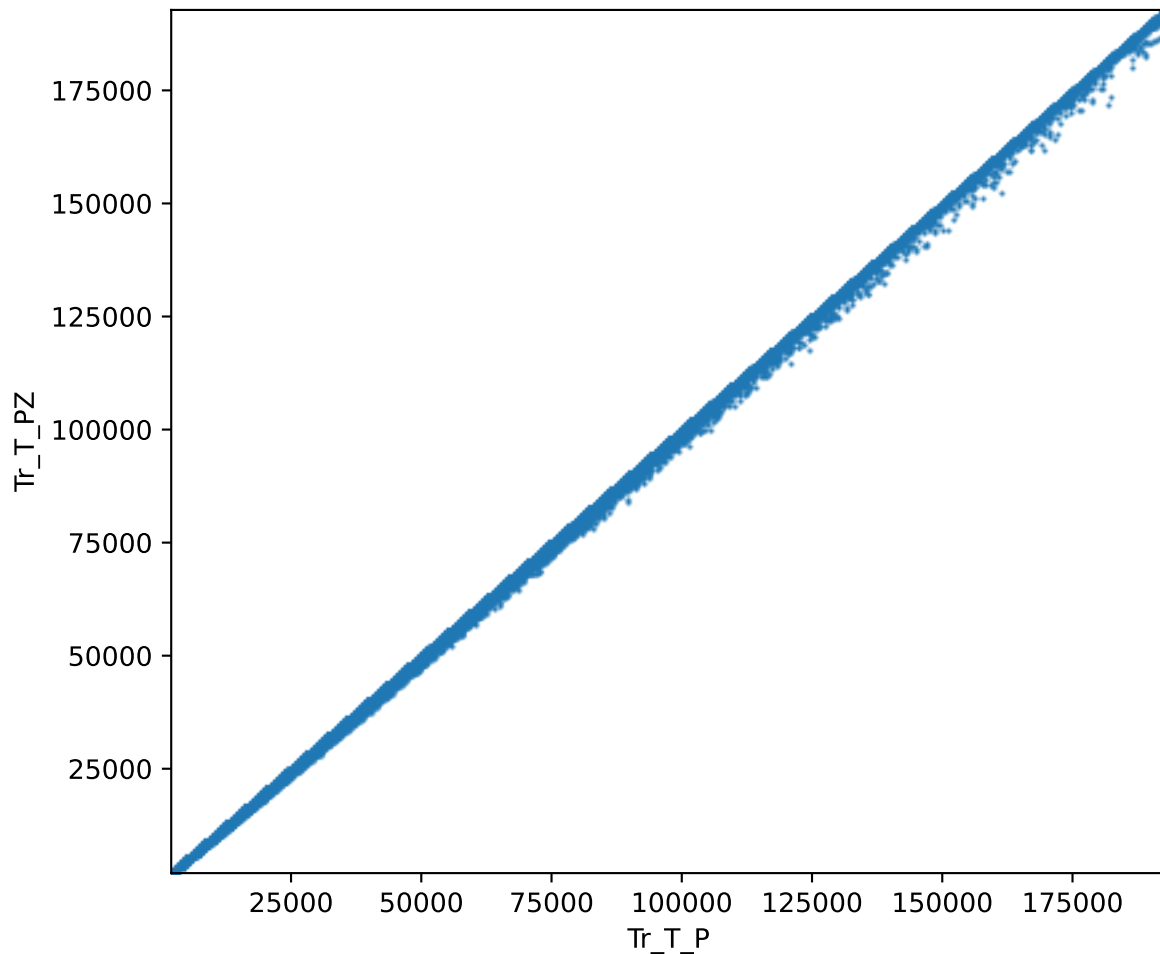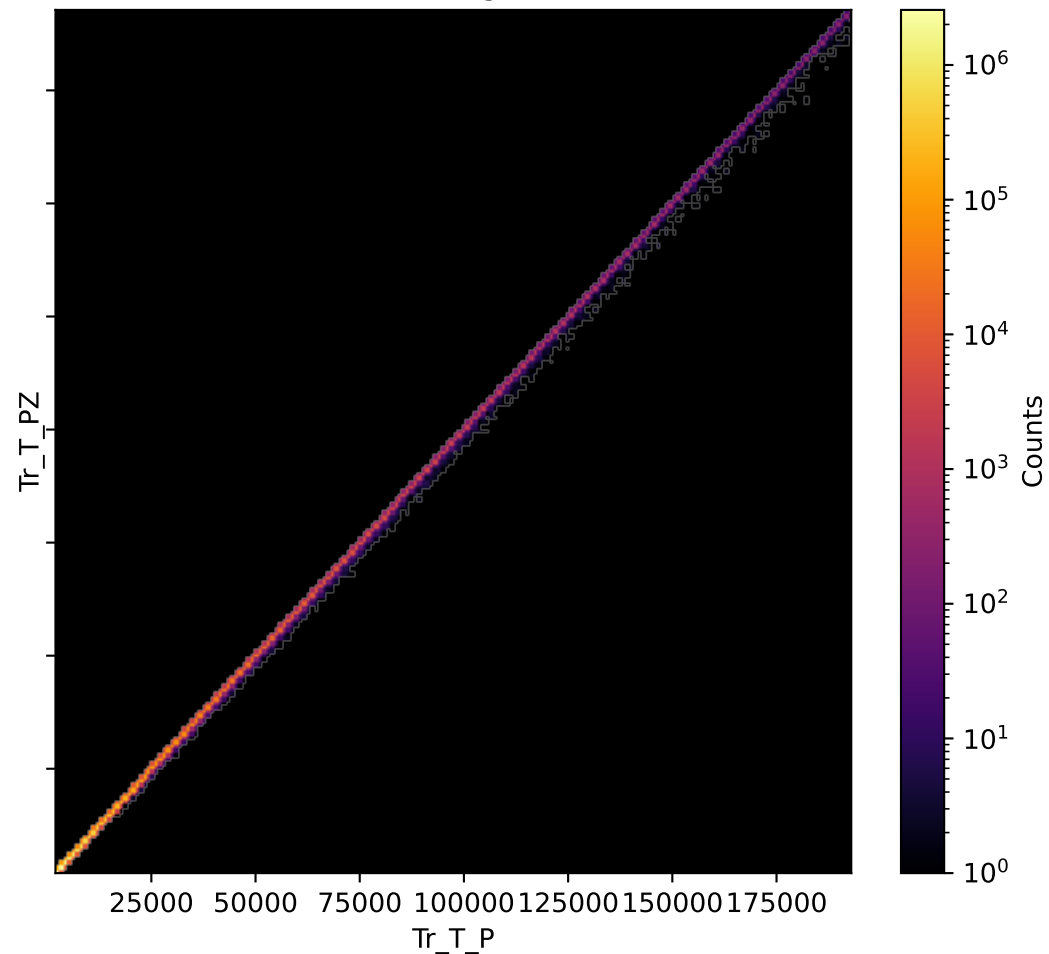correlation: 0.99999

Pair Plot ('Tr_T_TRFITTCHI2' vs 'Tr_T_TRTYPE')
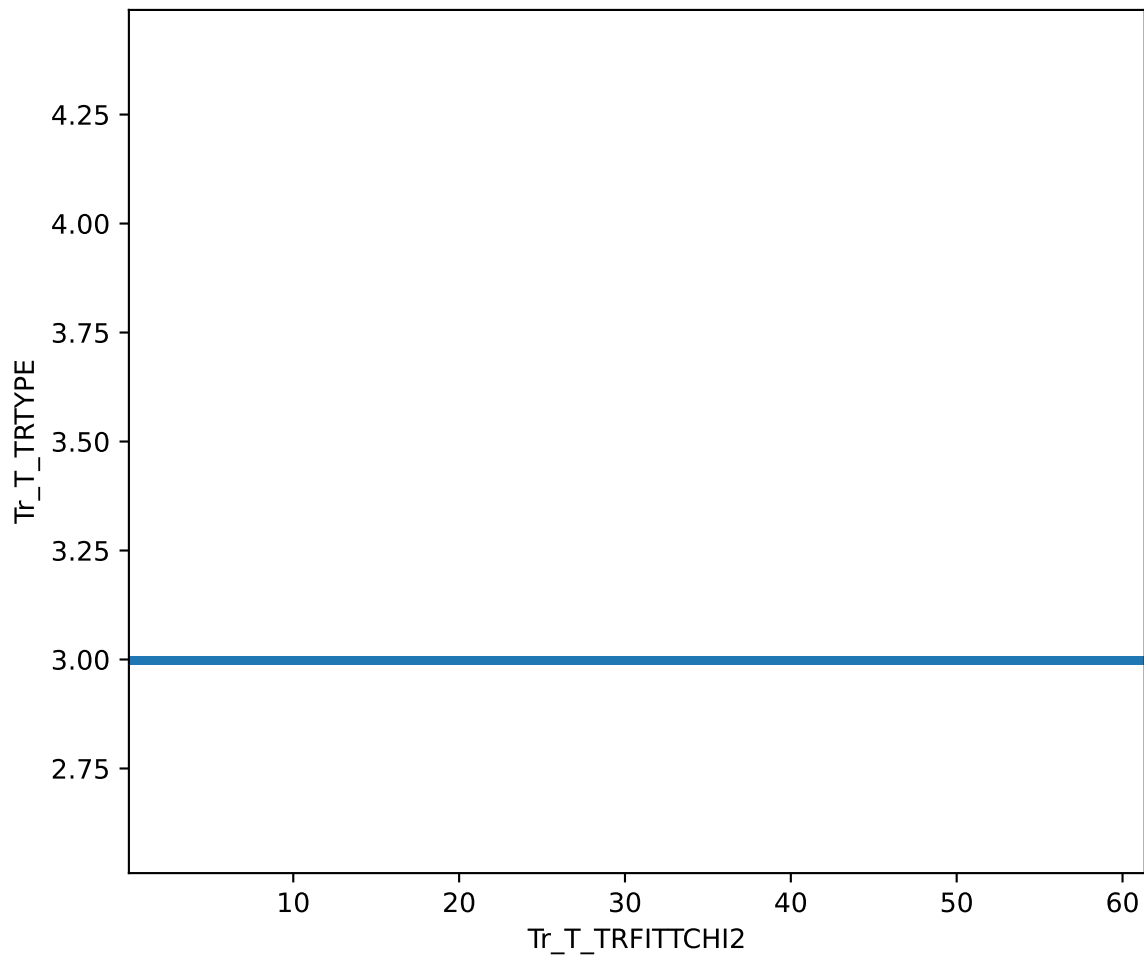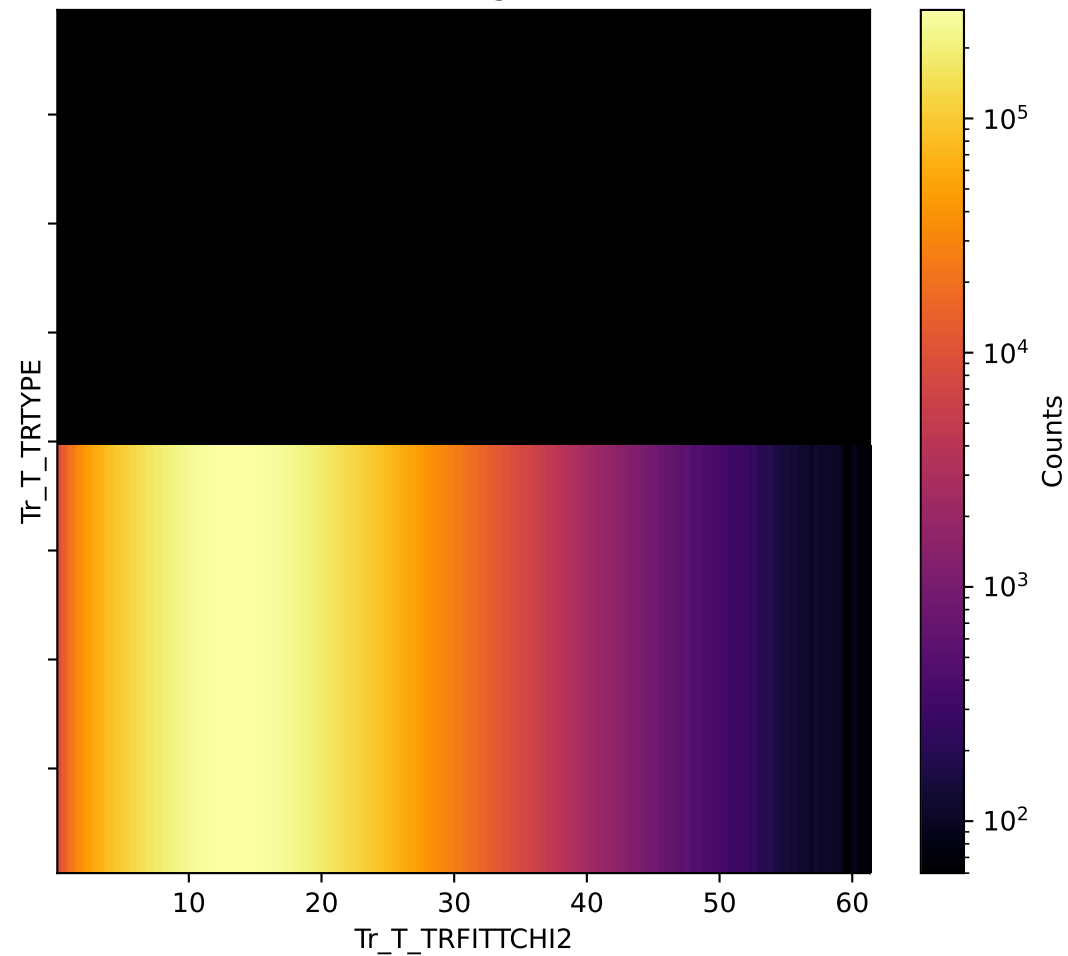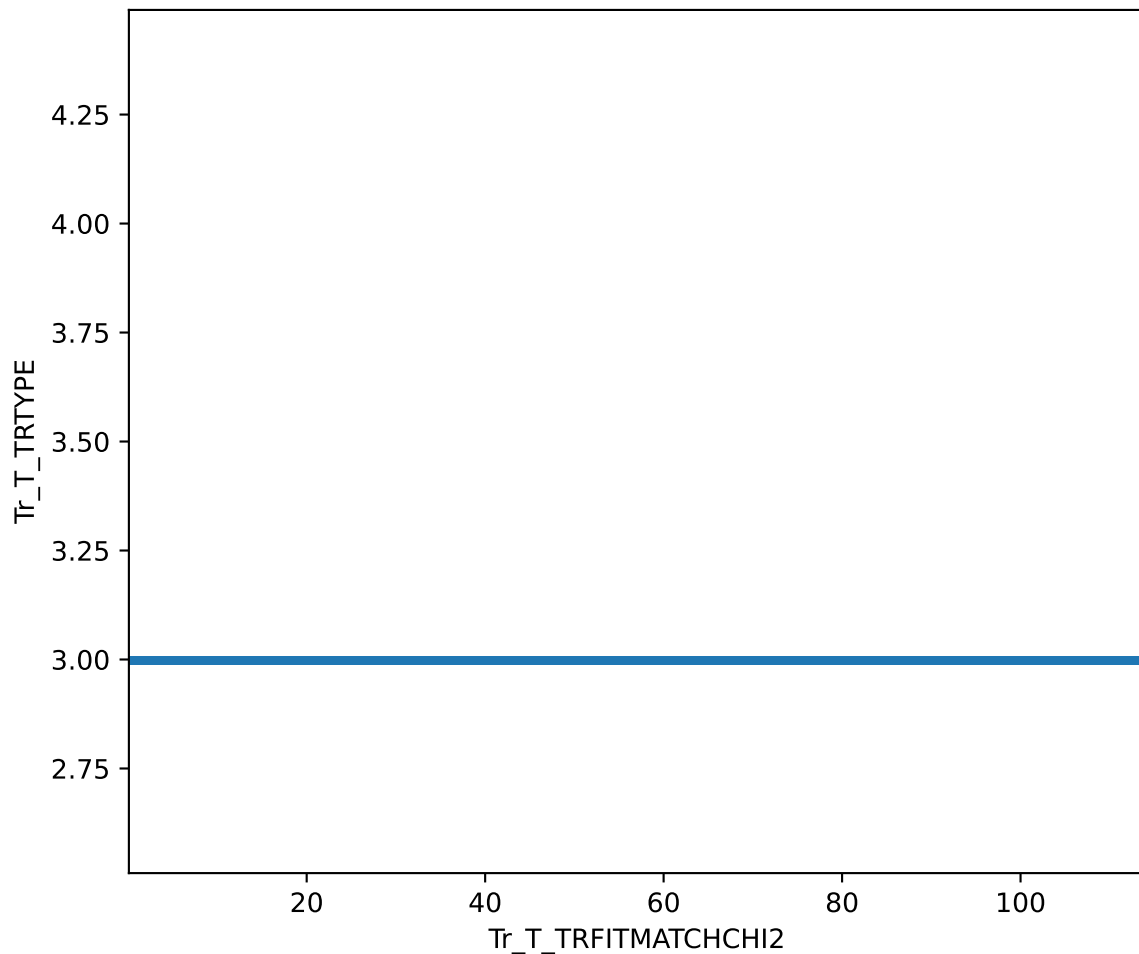correlation: -0.99986
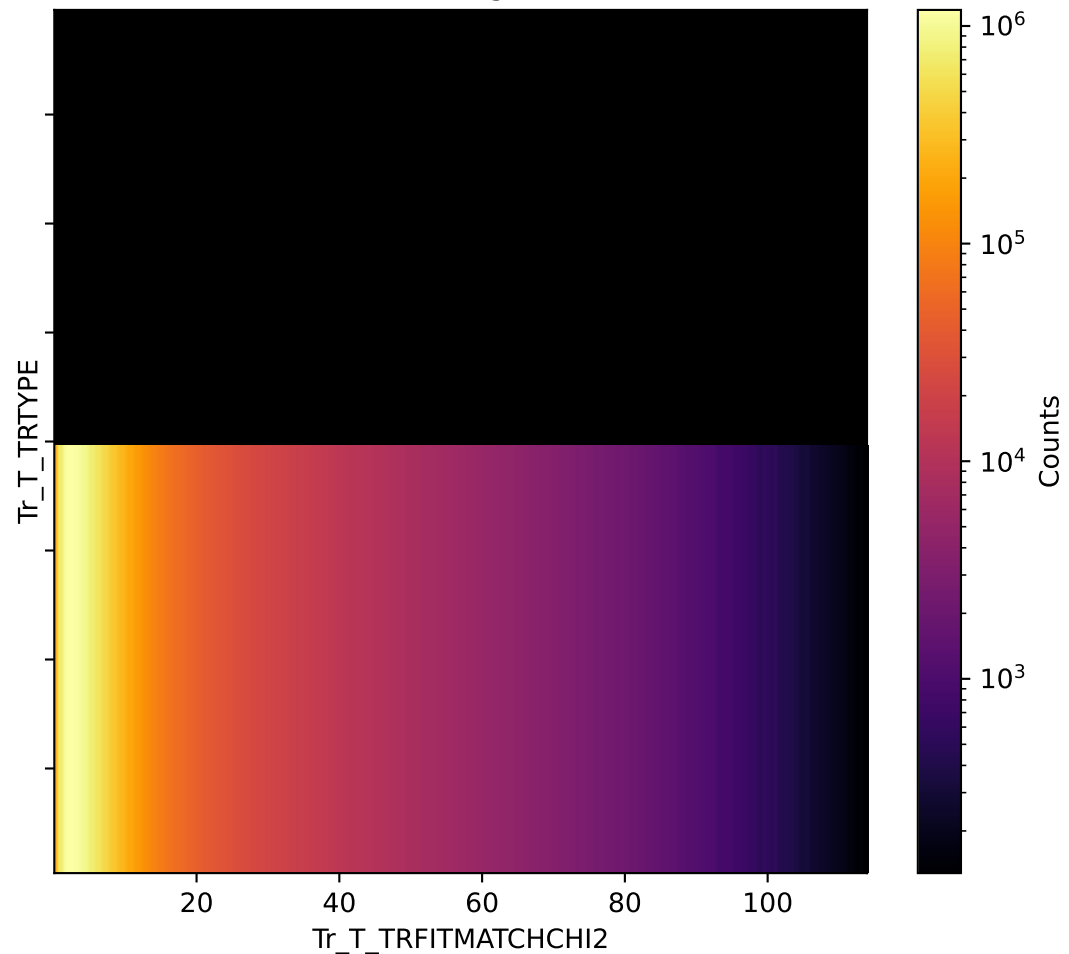
Pair Plot ('Tr_T_TRFITMATCHCHI2' vs 'Tr_T_TRTYPE')
correlation: -0.99959

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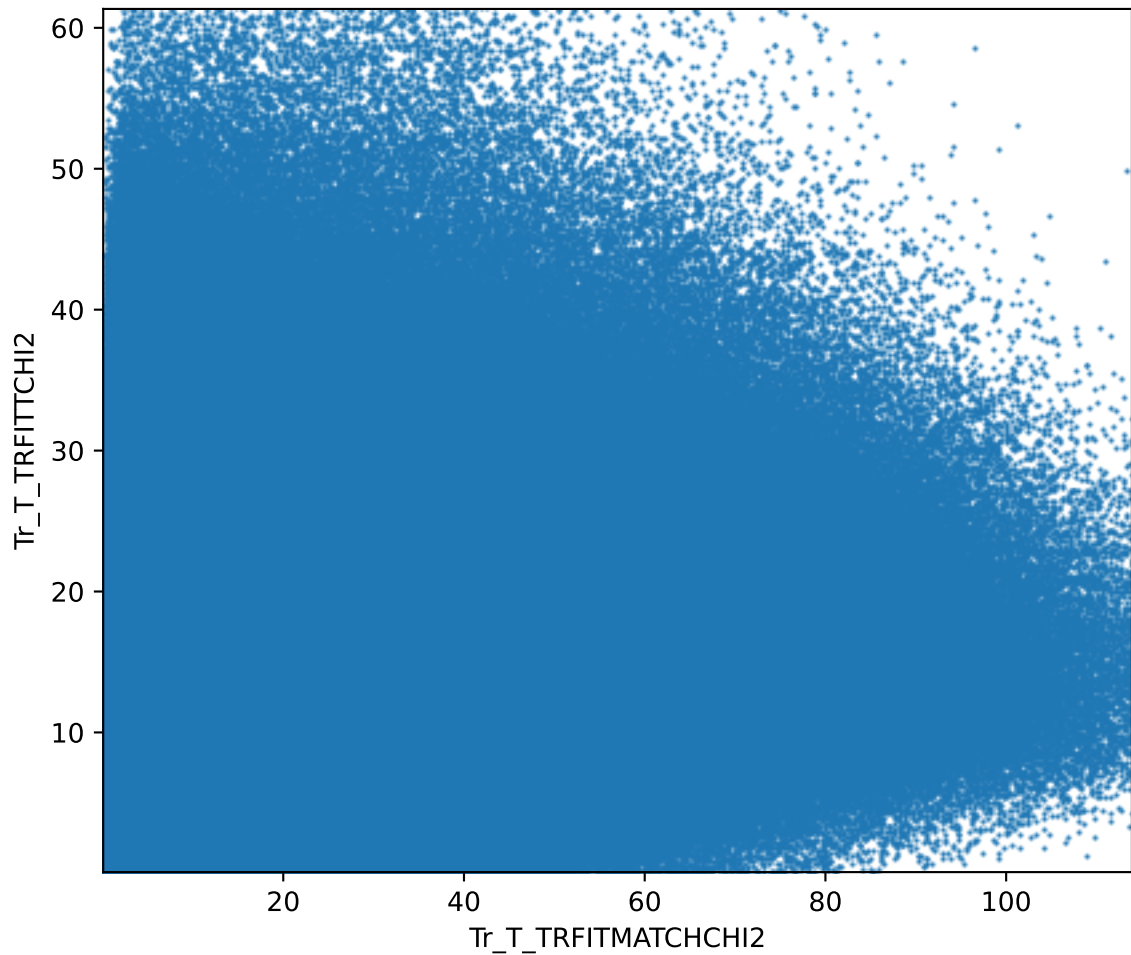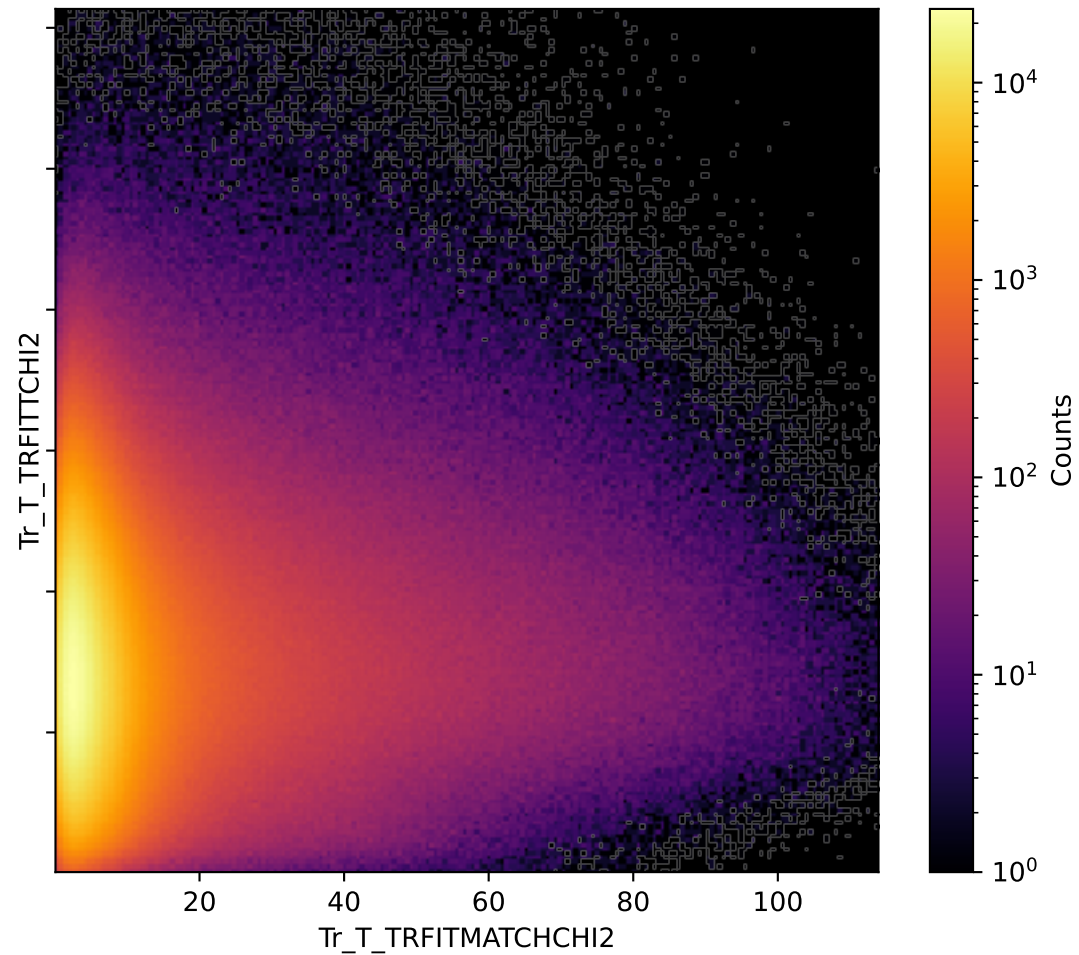correlation: 0.99948

Pair Plot ('Tr_T_BPVIP' vs 'Tr_T_MinIP')
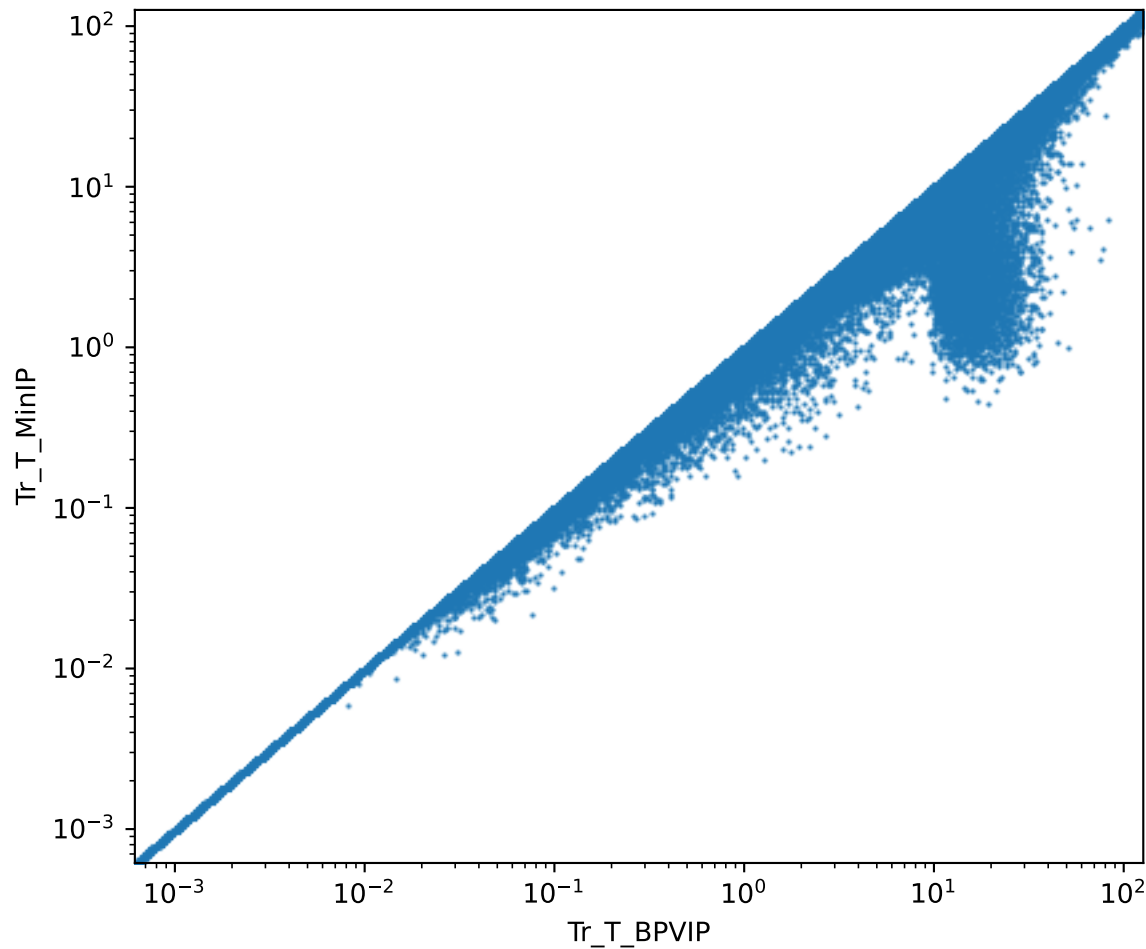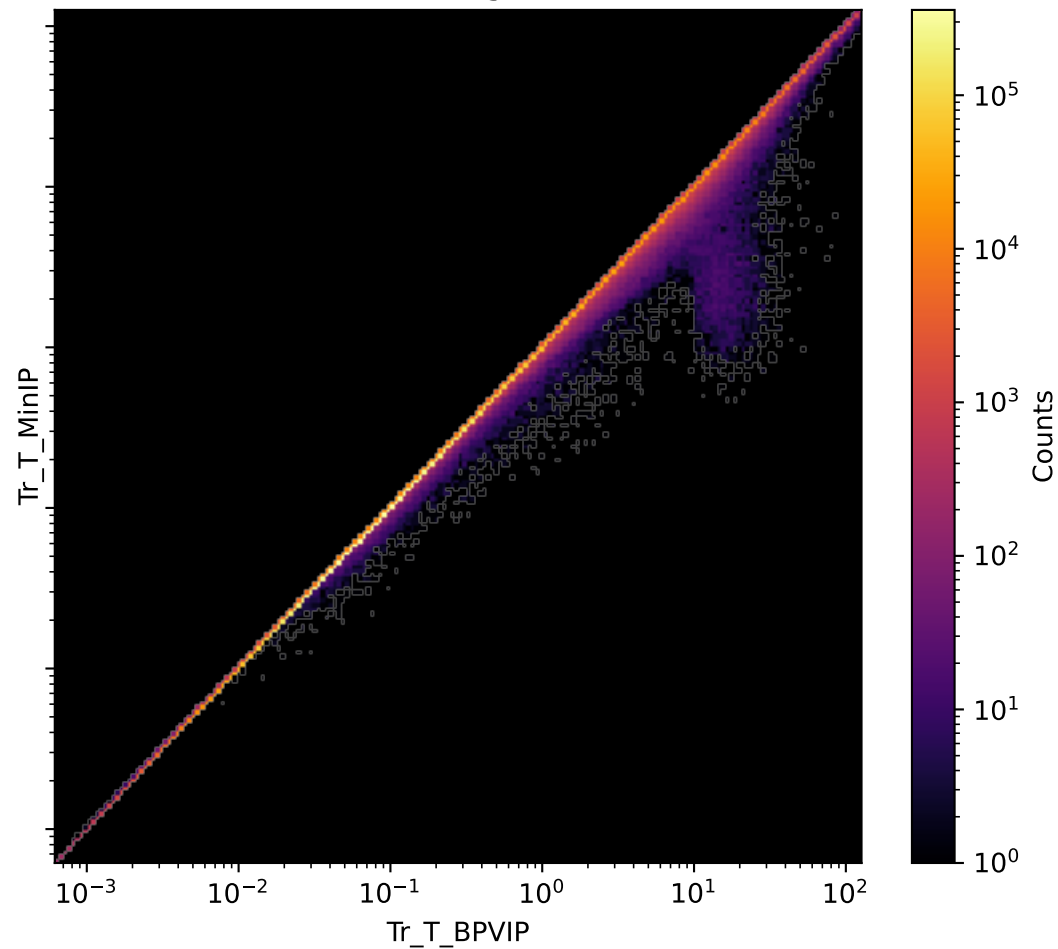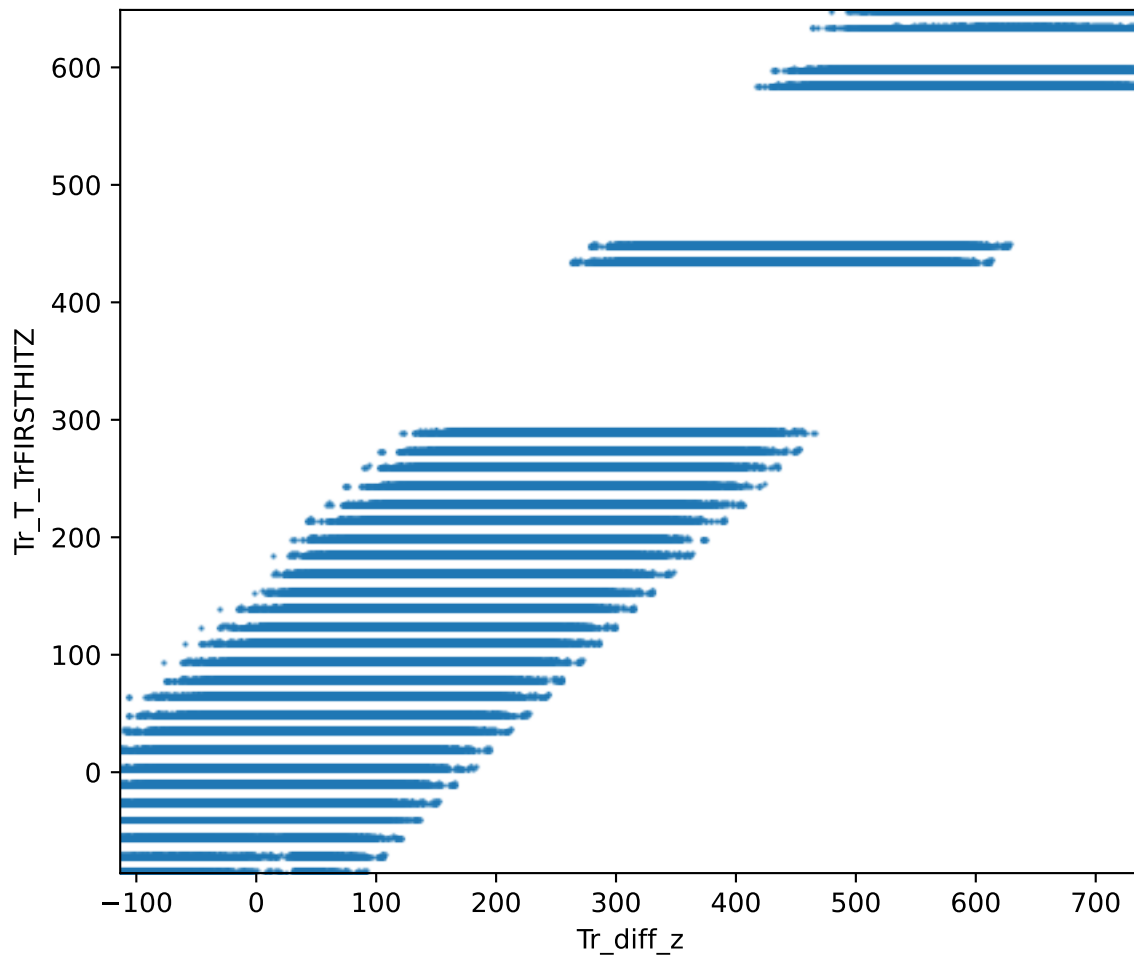correlation: 0.99812
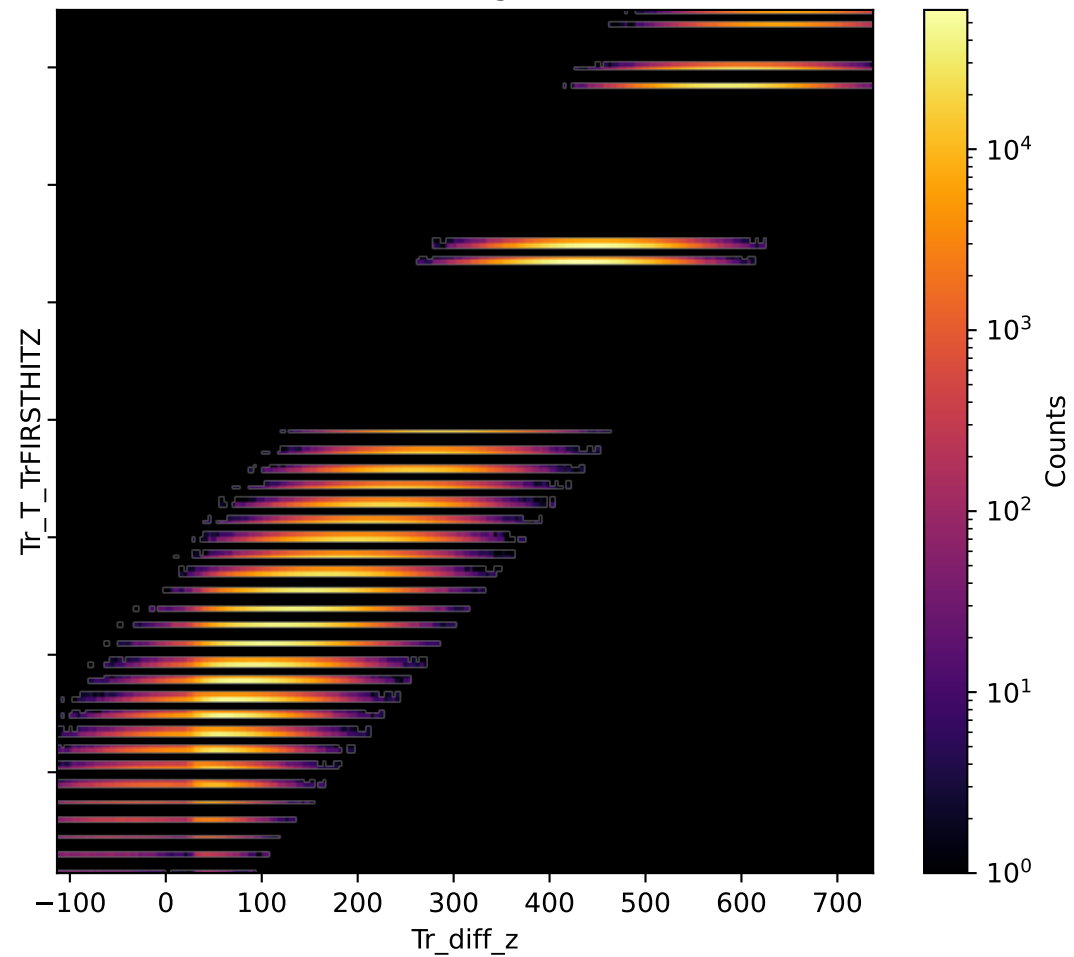
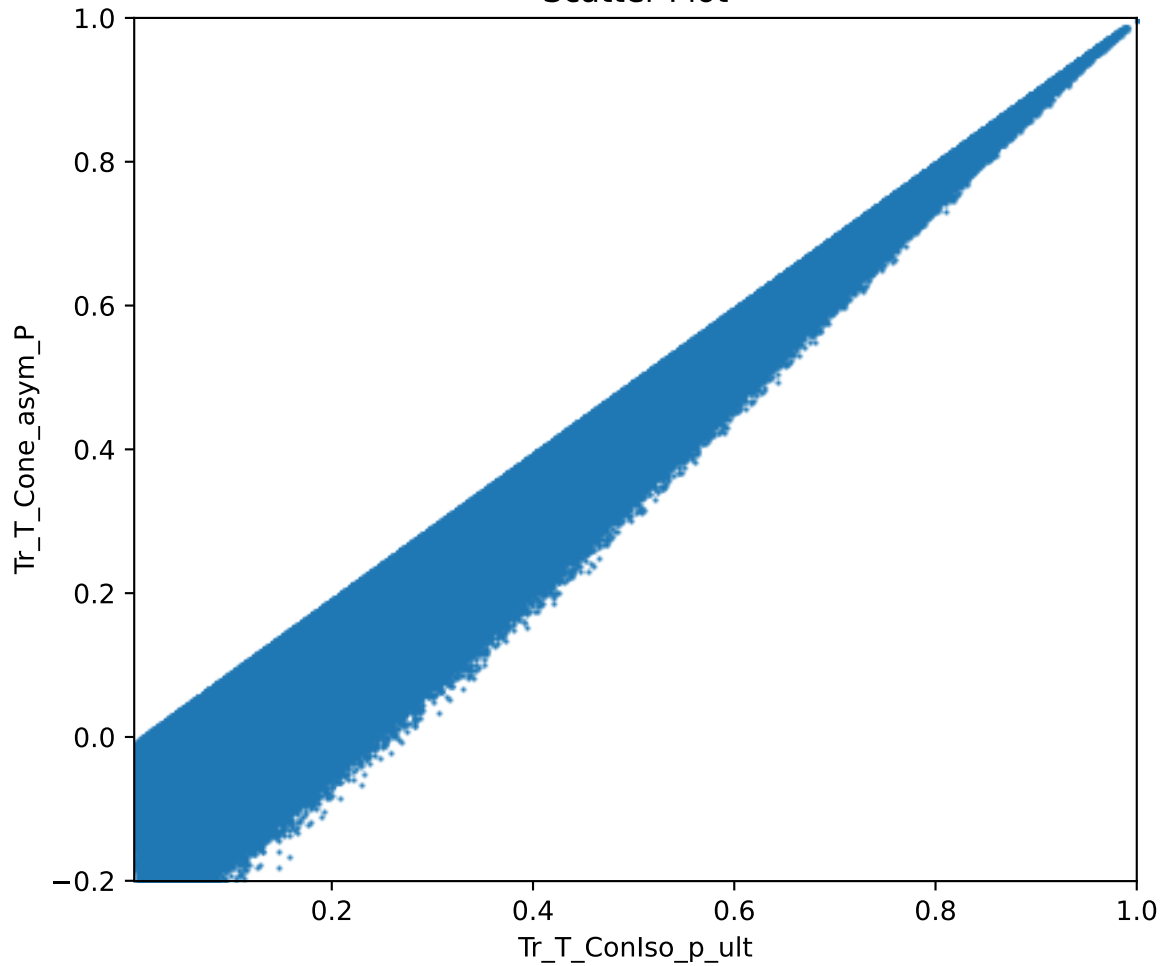Pair Plot ('Tr_diff_z' vs 'Tr_T_TrFIRSTHITZ')
correlation: 0.97592
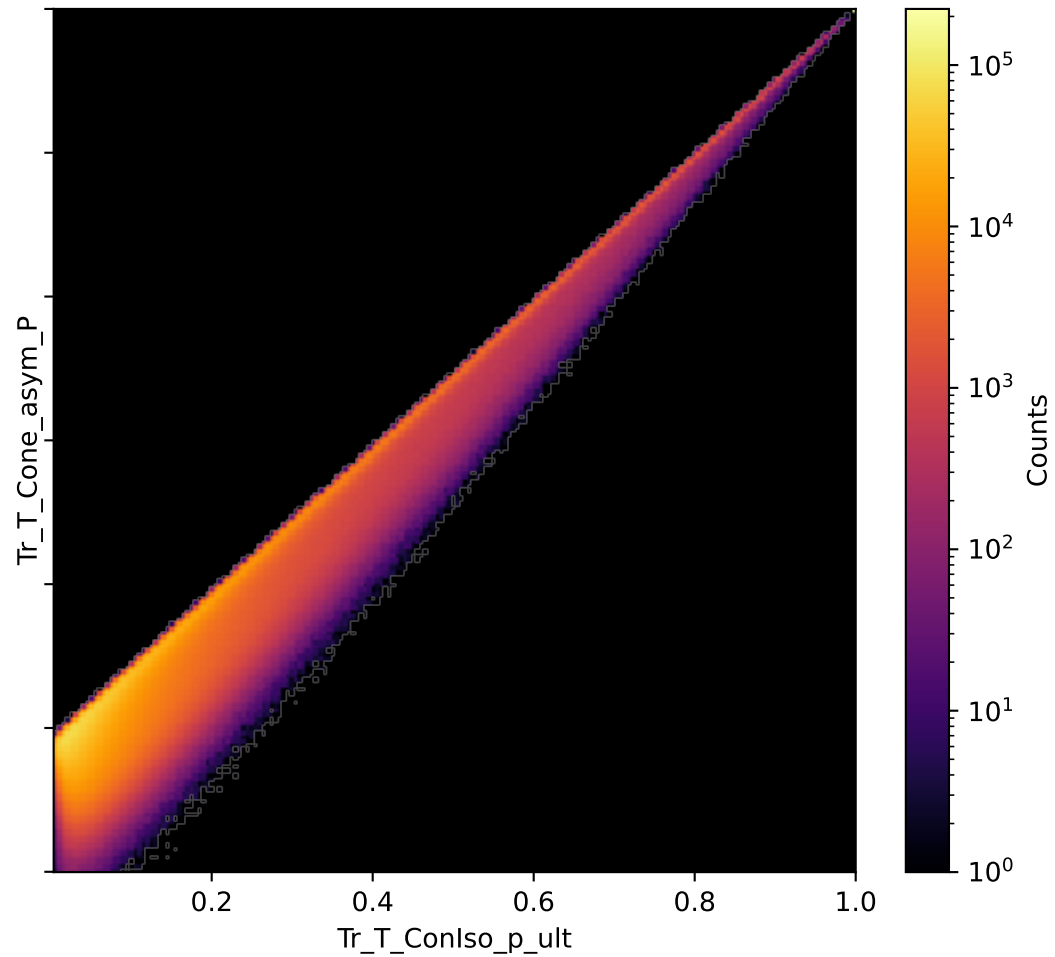
Pair Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_Cone_asym_P')
correlation: 0.97537

Pair Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_Cone_asym_Pt')
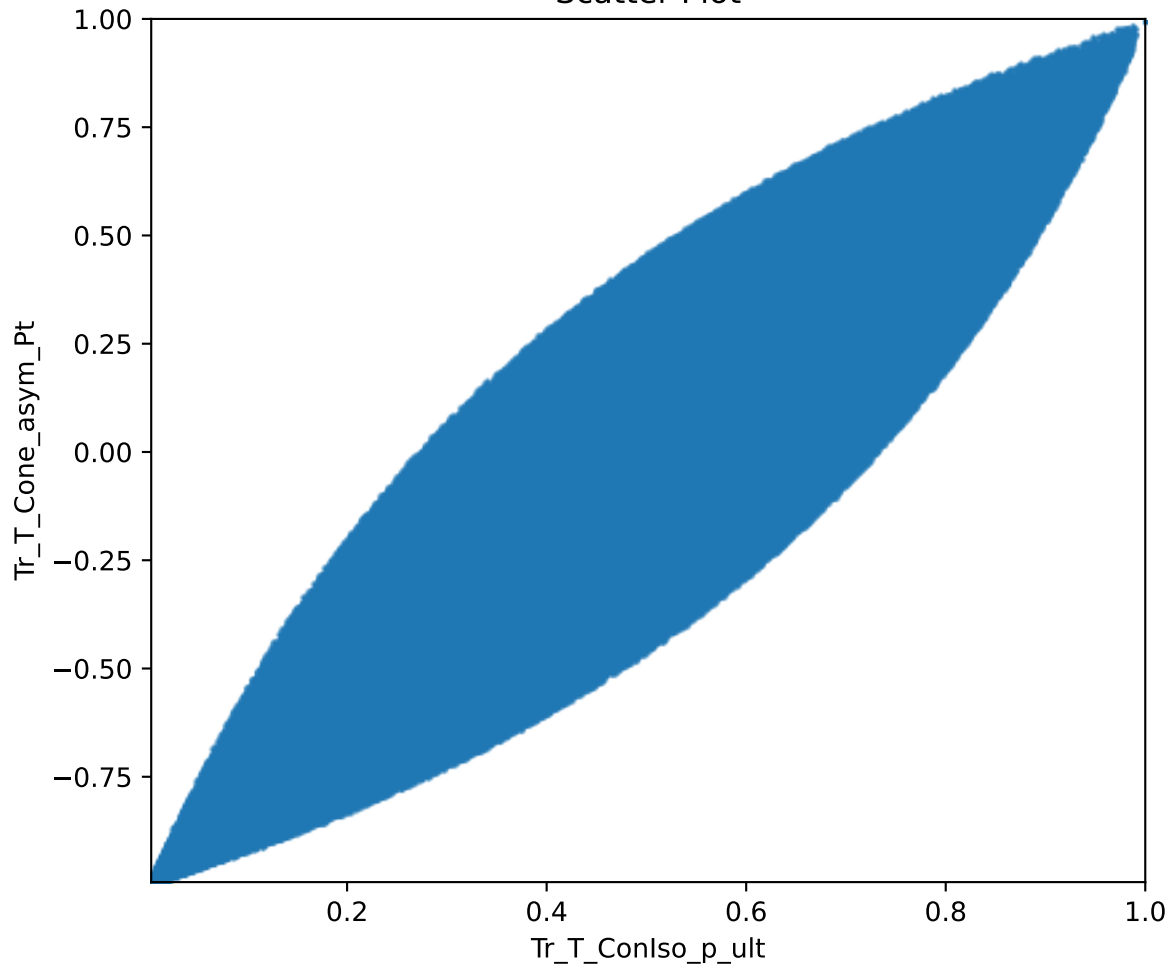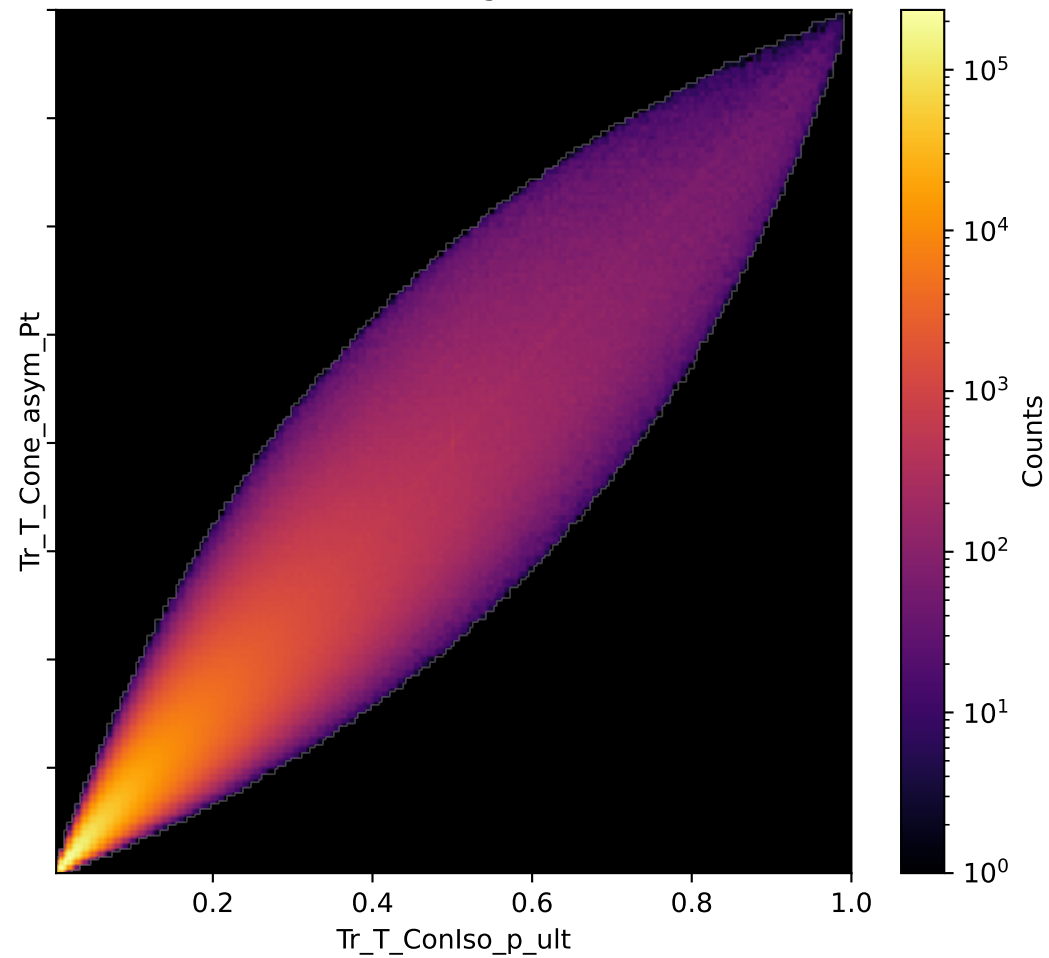correlation: 0.97053

Pair Plot ('Tr_T_ConIso_p_ult' vs 'Tr_T_ConIso_pt_ult')
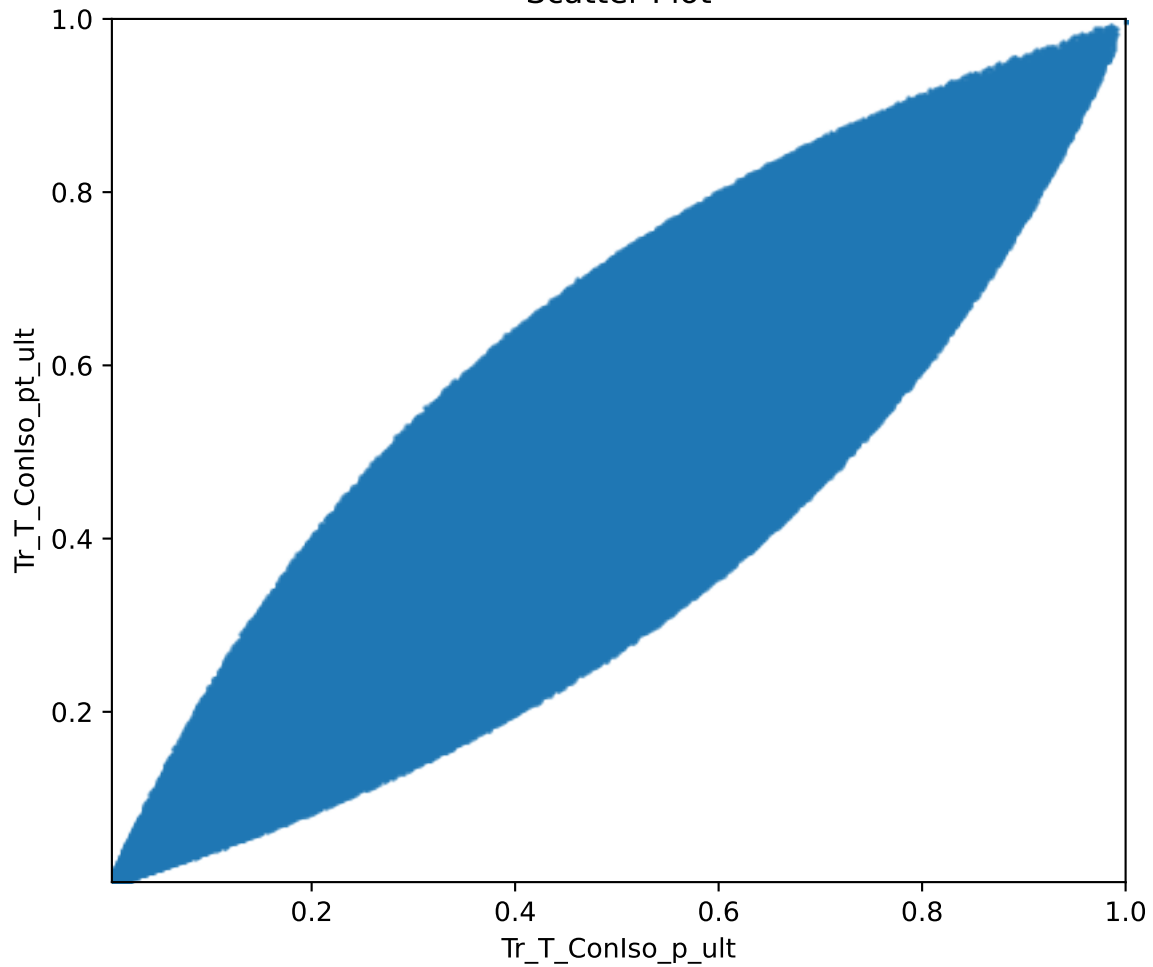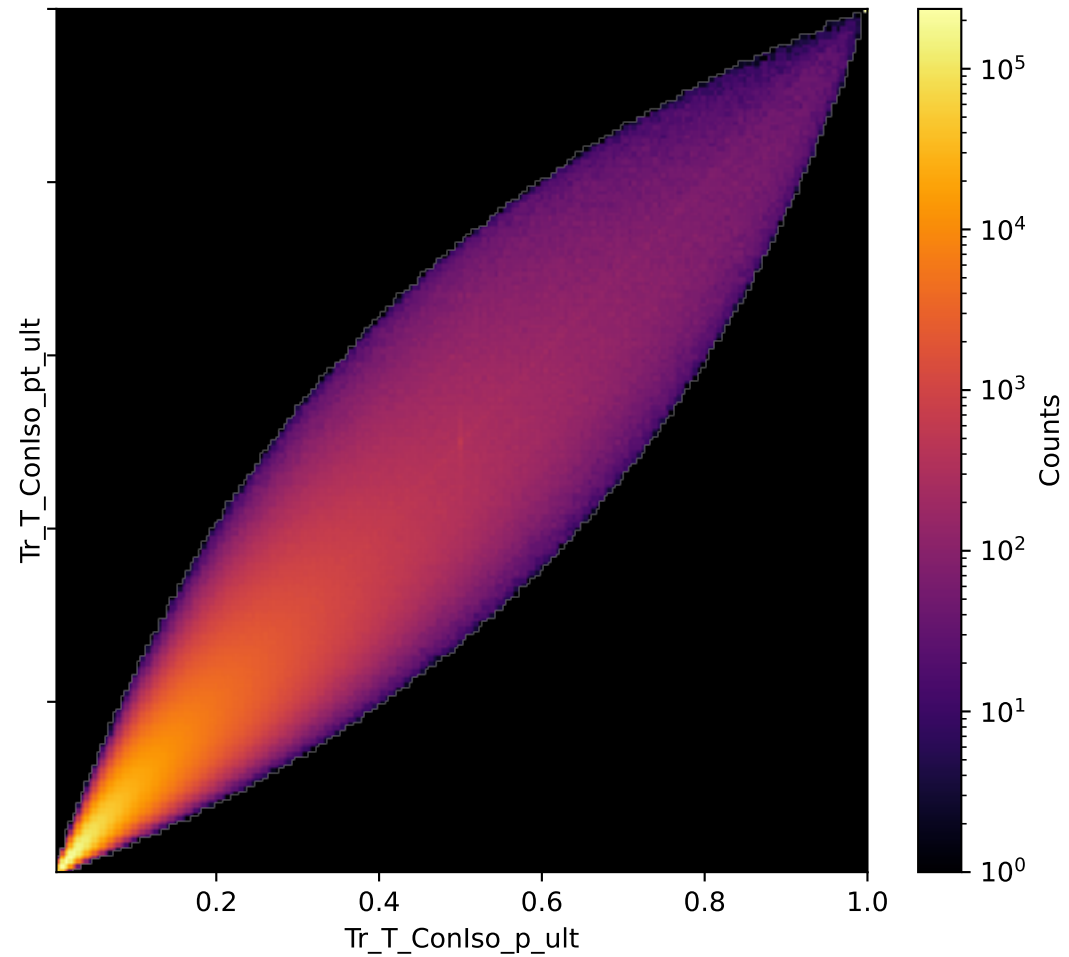correlation: 0.97053

Pair Plot ('Tr_T_PIDK' vs 'Tr_T_PIDp')
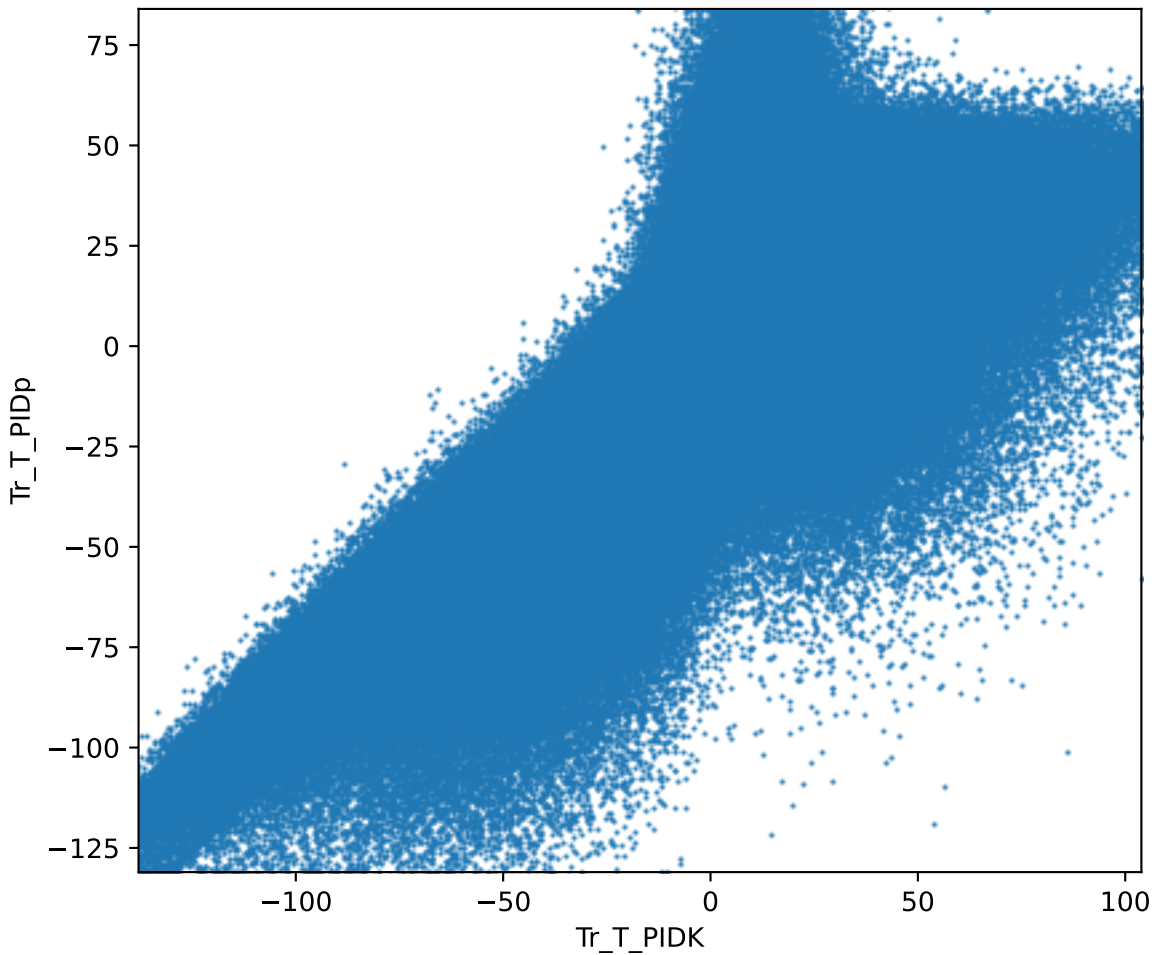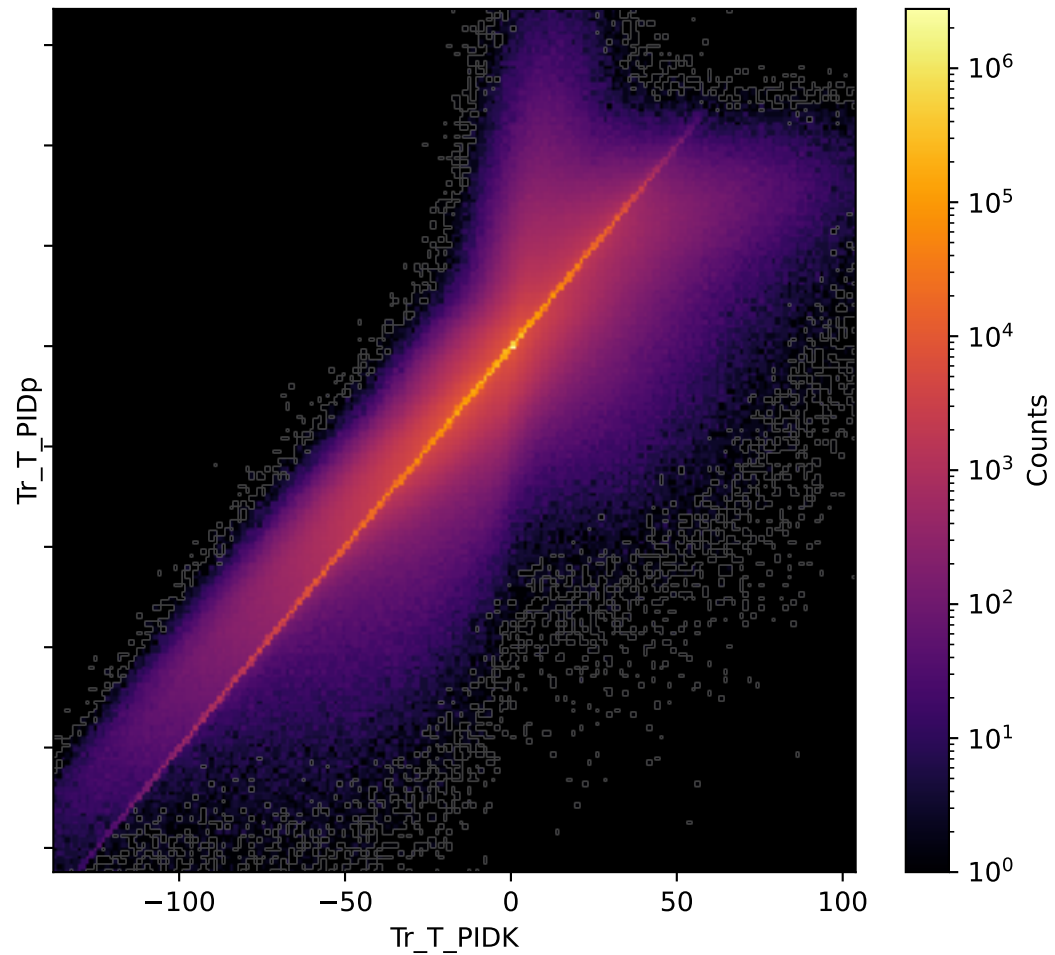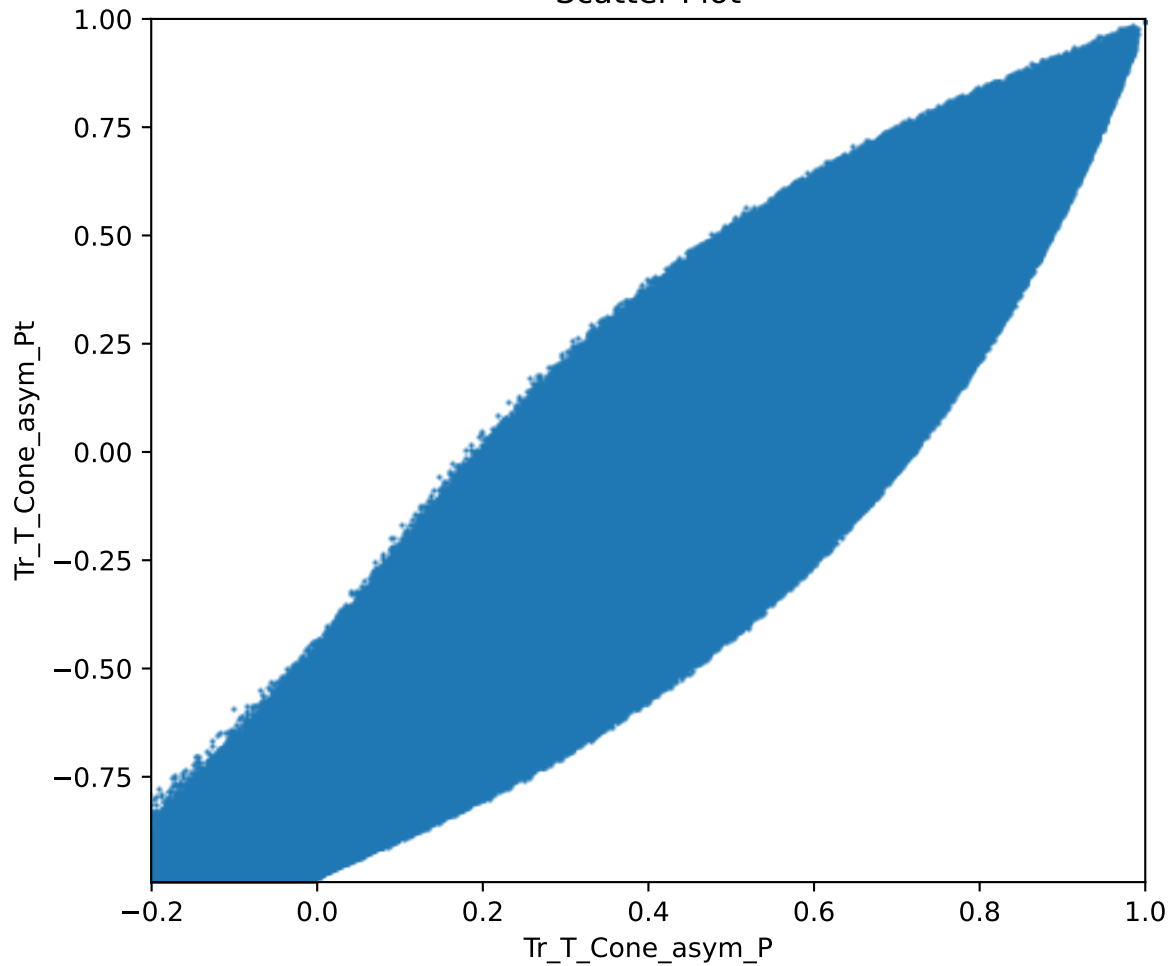correlation: 0.94100
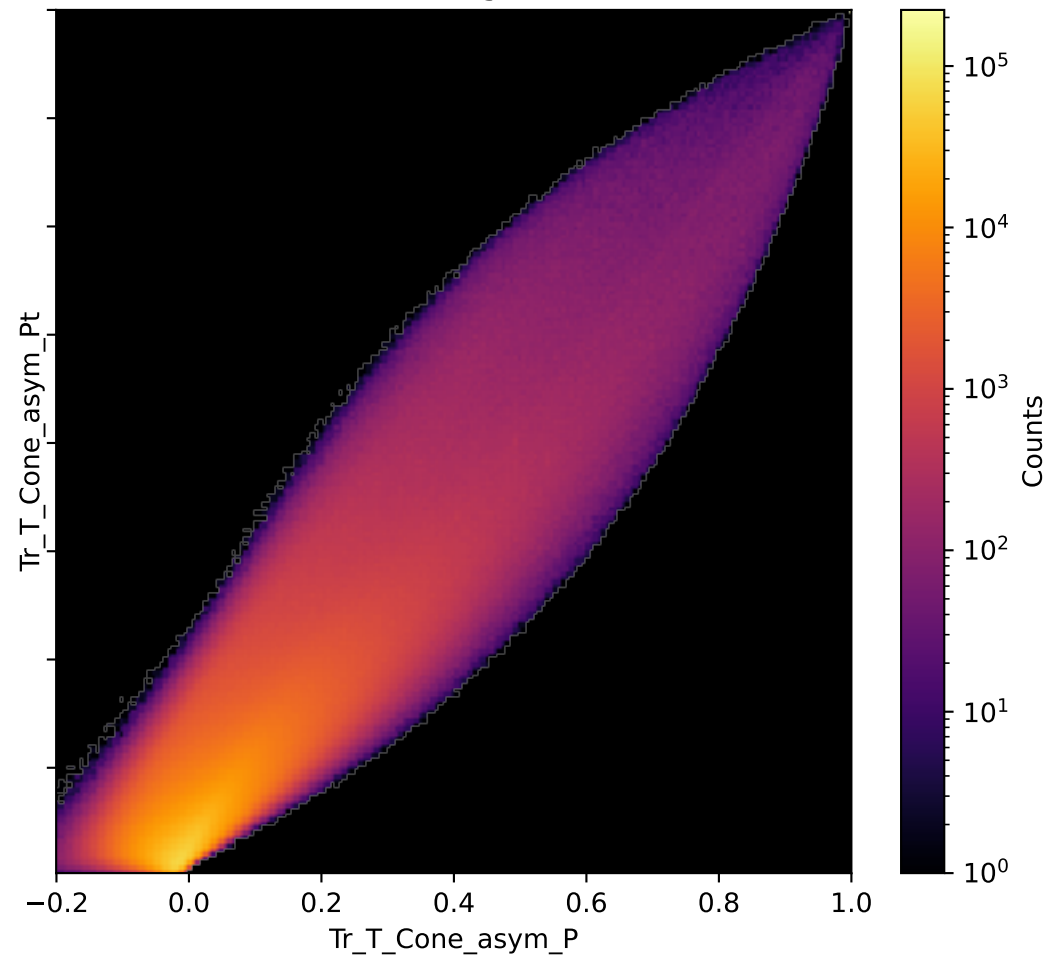
Pair Plot ('Tr_T_Cone_asym_P' vs 'Tr_T_Cone_asym_Pt')
correlation: 0.93427

Pair Plot ('Tr_T_ConIso_pt_ult' vs 'Tr_T_Cone_asym_P')
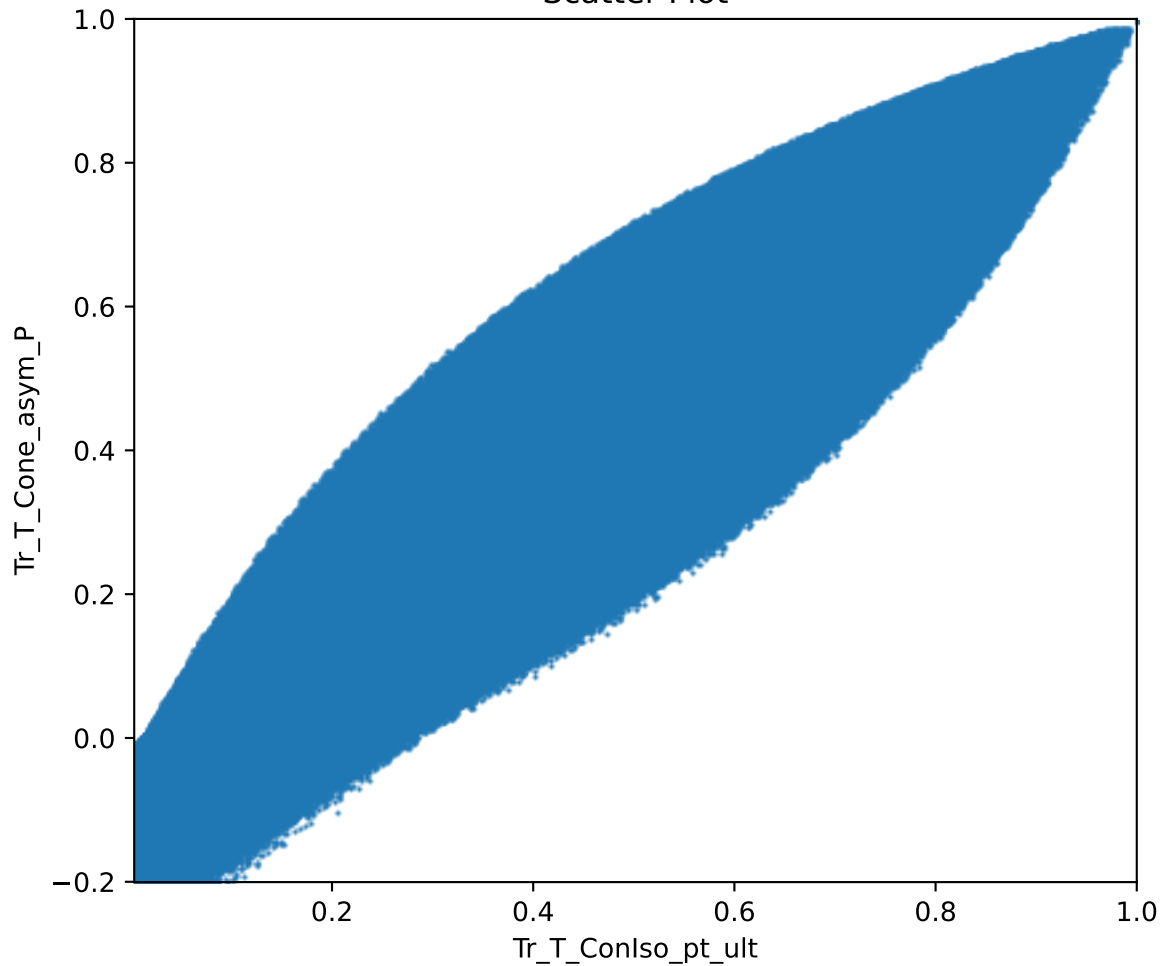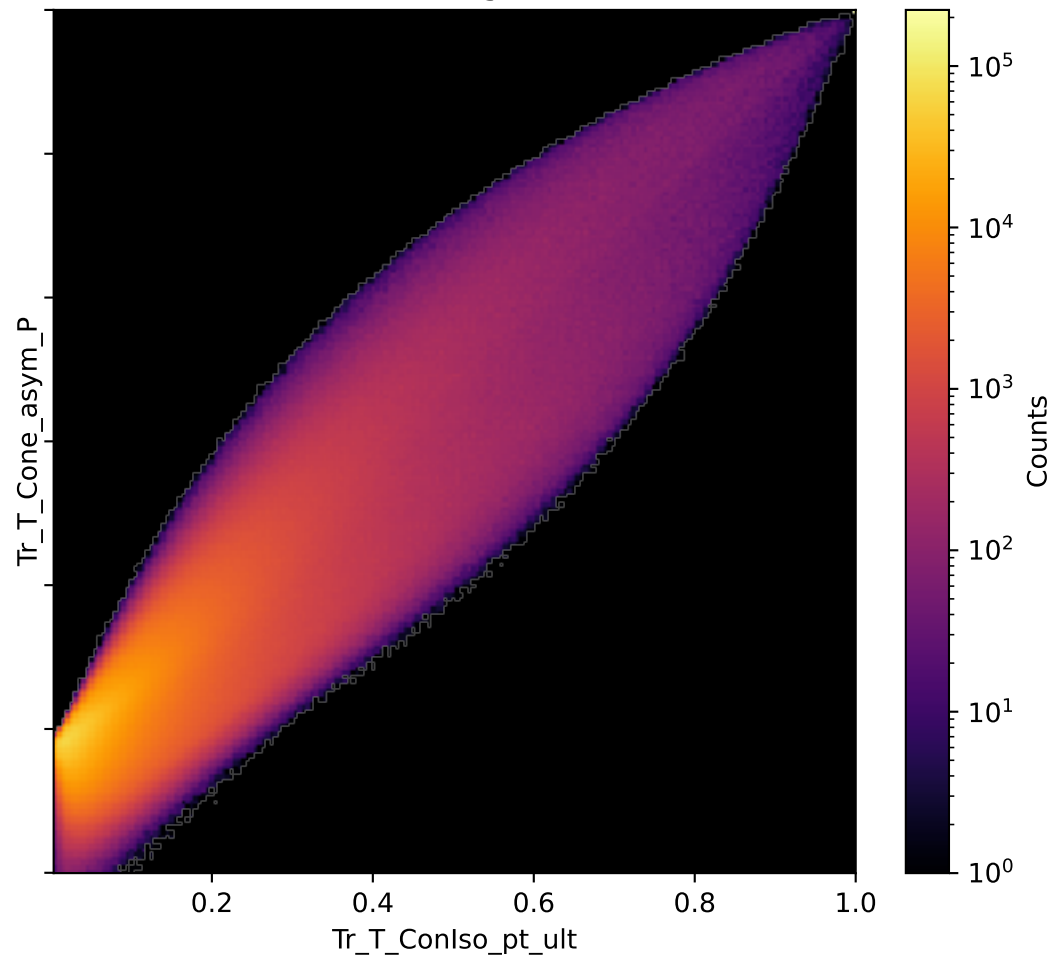correlation: 0.93427

Pair Plot ('Tr_T_Eta' vs 'Tr_T_THETA')
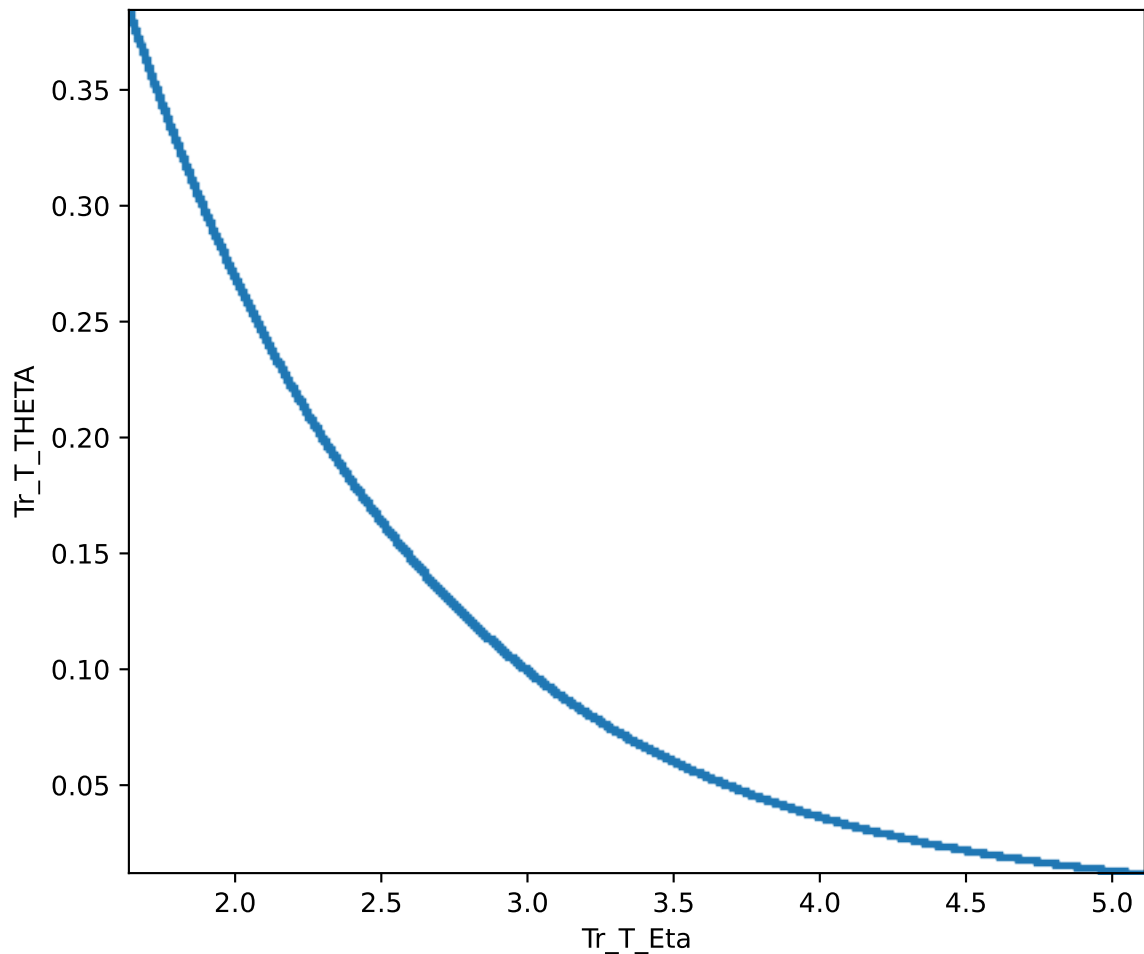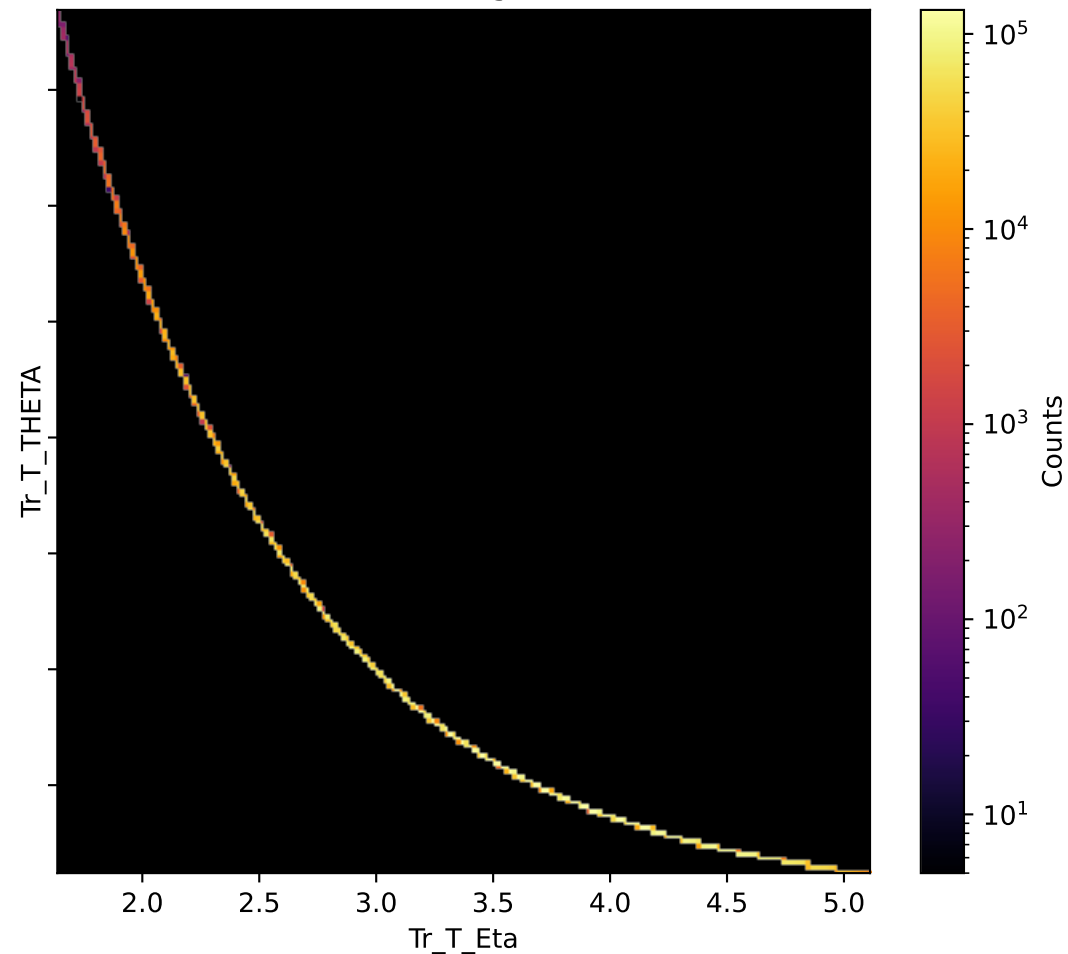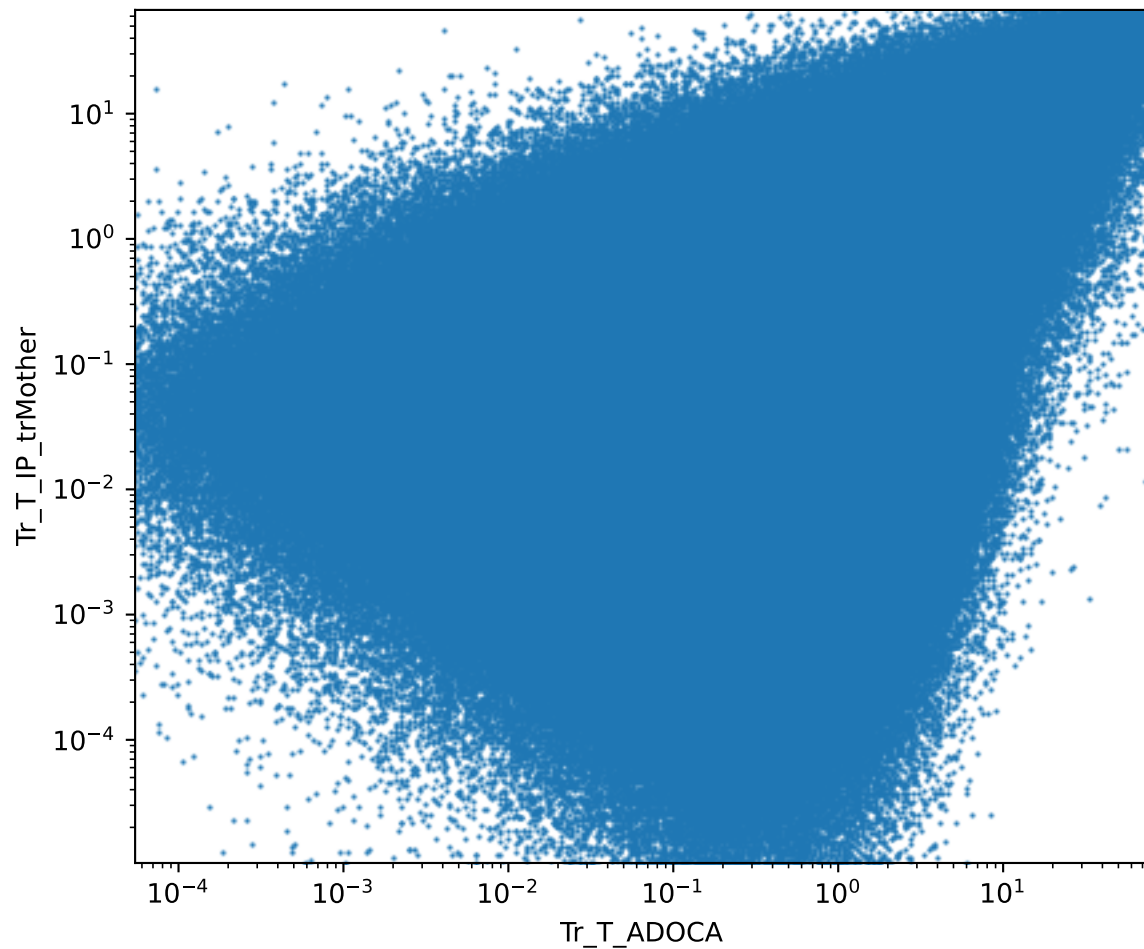correlation: -0.92630
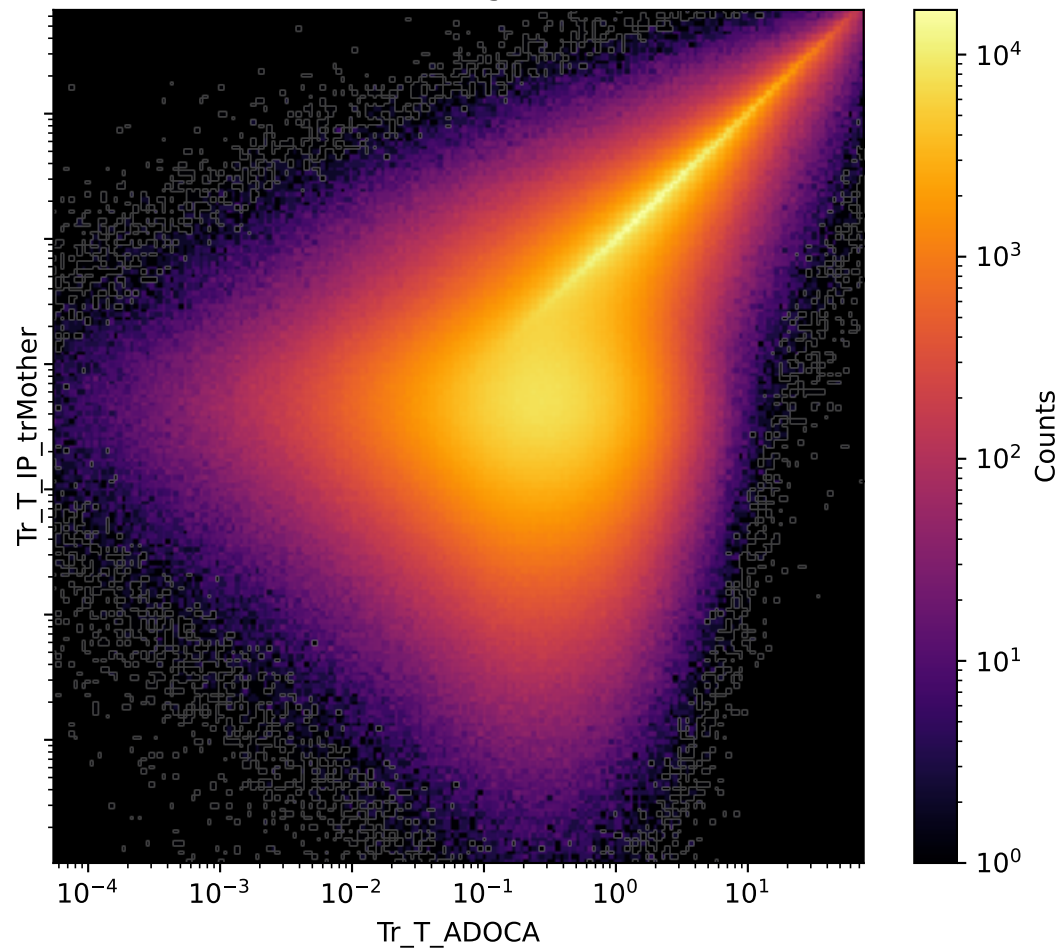
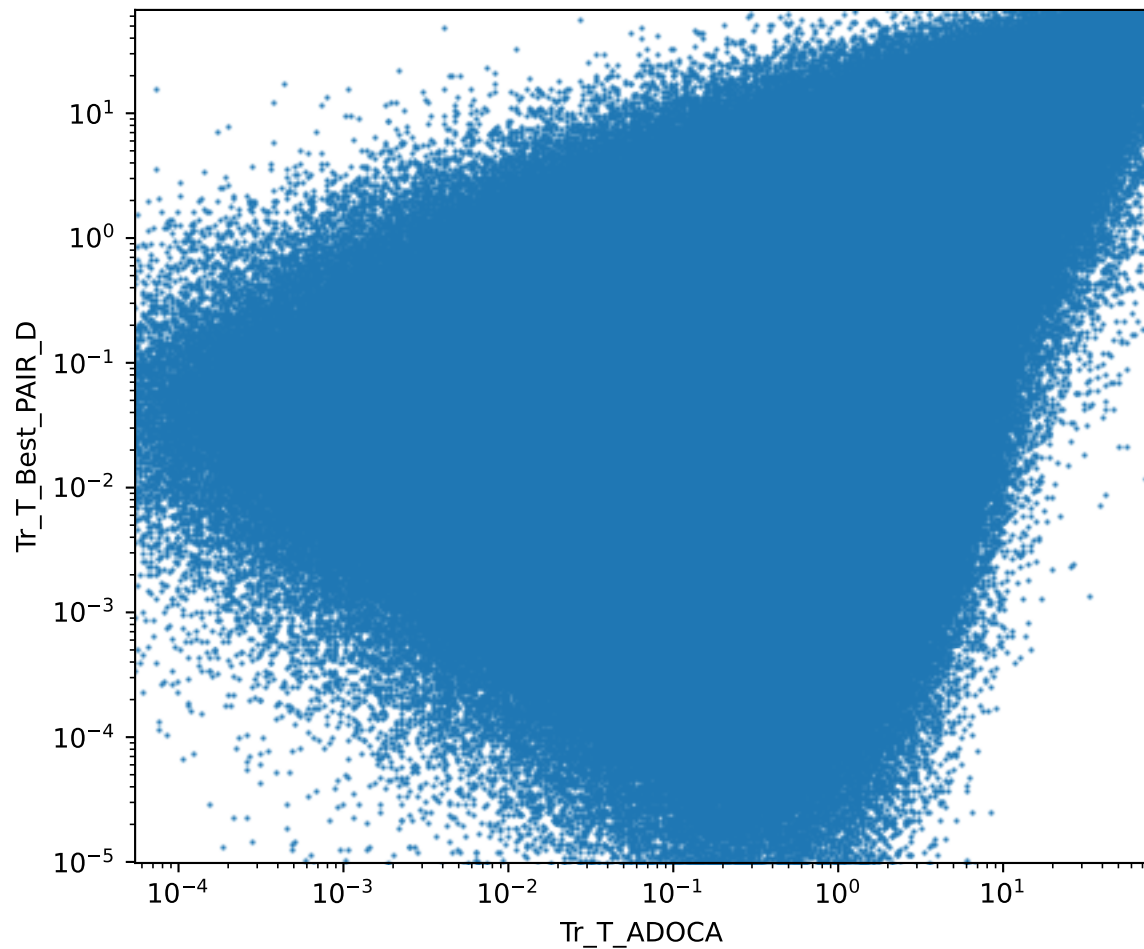Pair Plot ('Tr_T_ADOCA' vs 'Tr_T_IP_trMother')
correlation: 0.87121
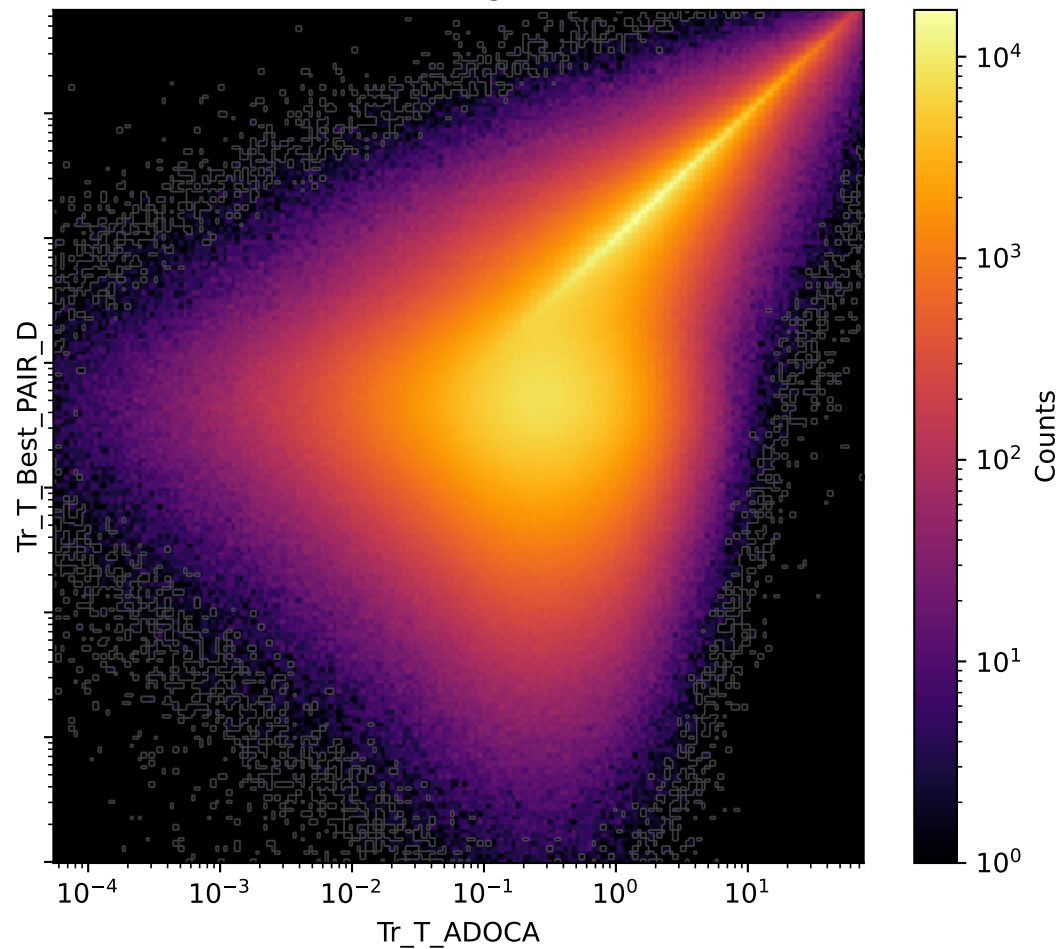
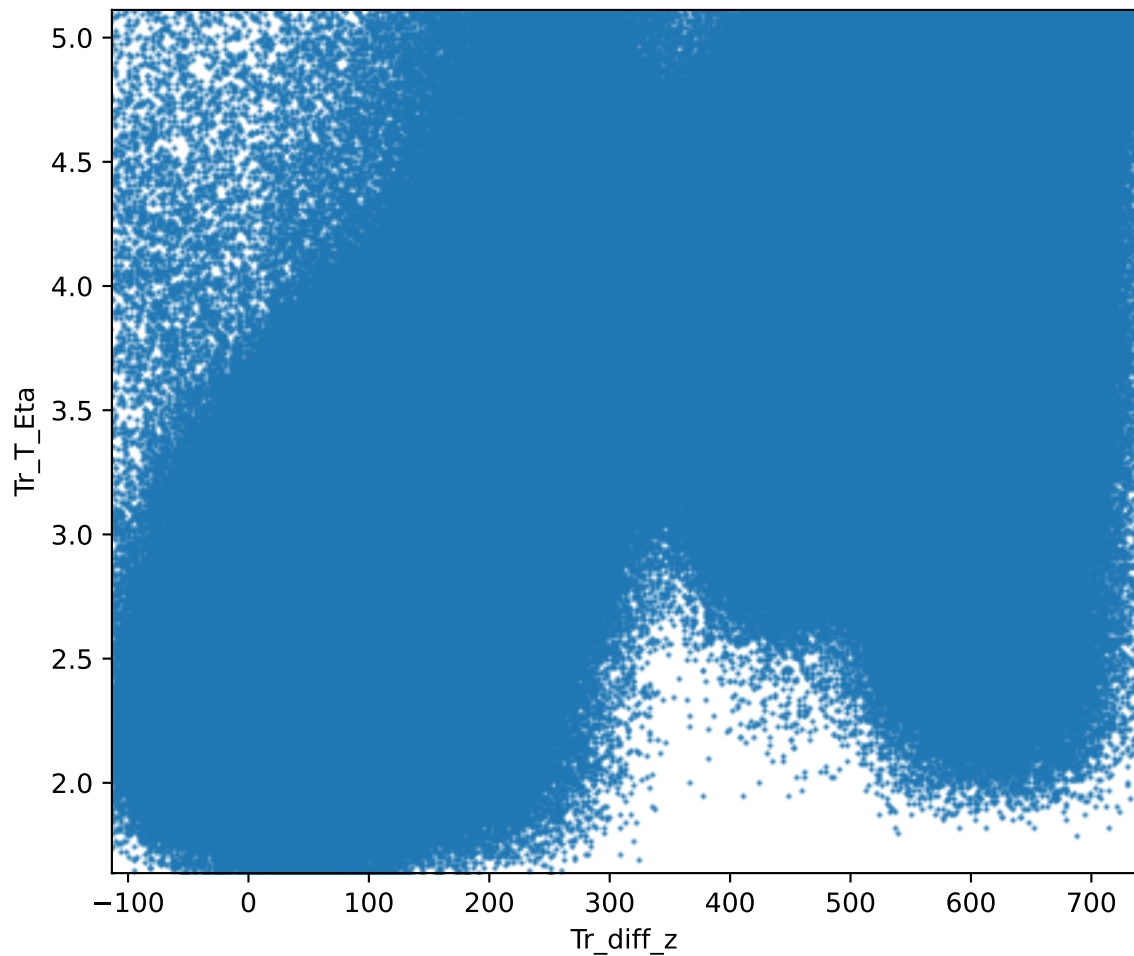Pair Plot ('Tr_T_ADOCA' vs 'Tr_T_Best_PAIR_D')
correlation: 0.87121
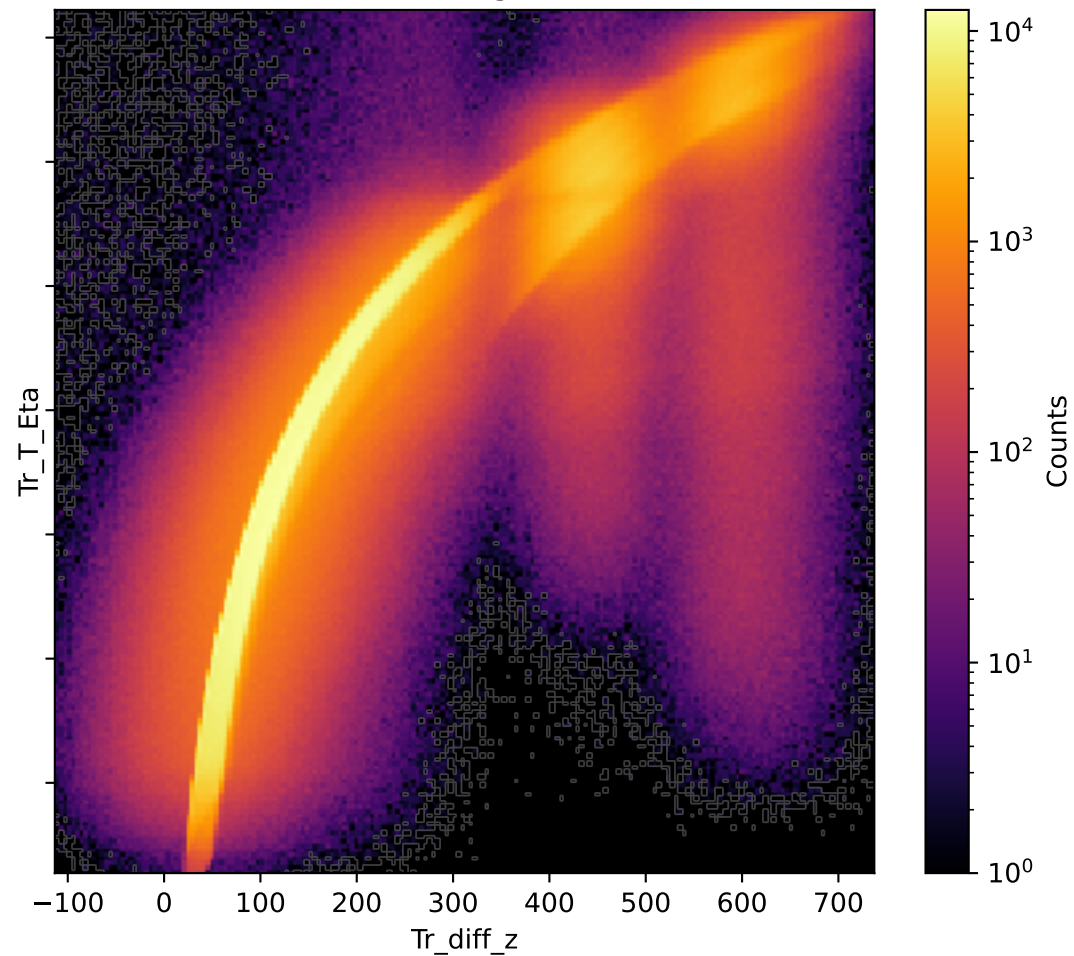
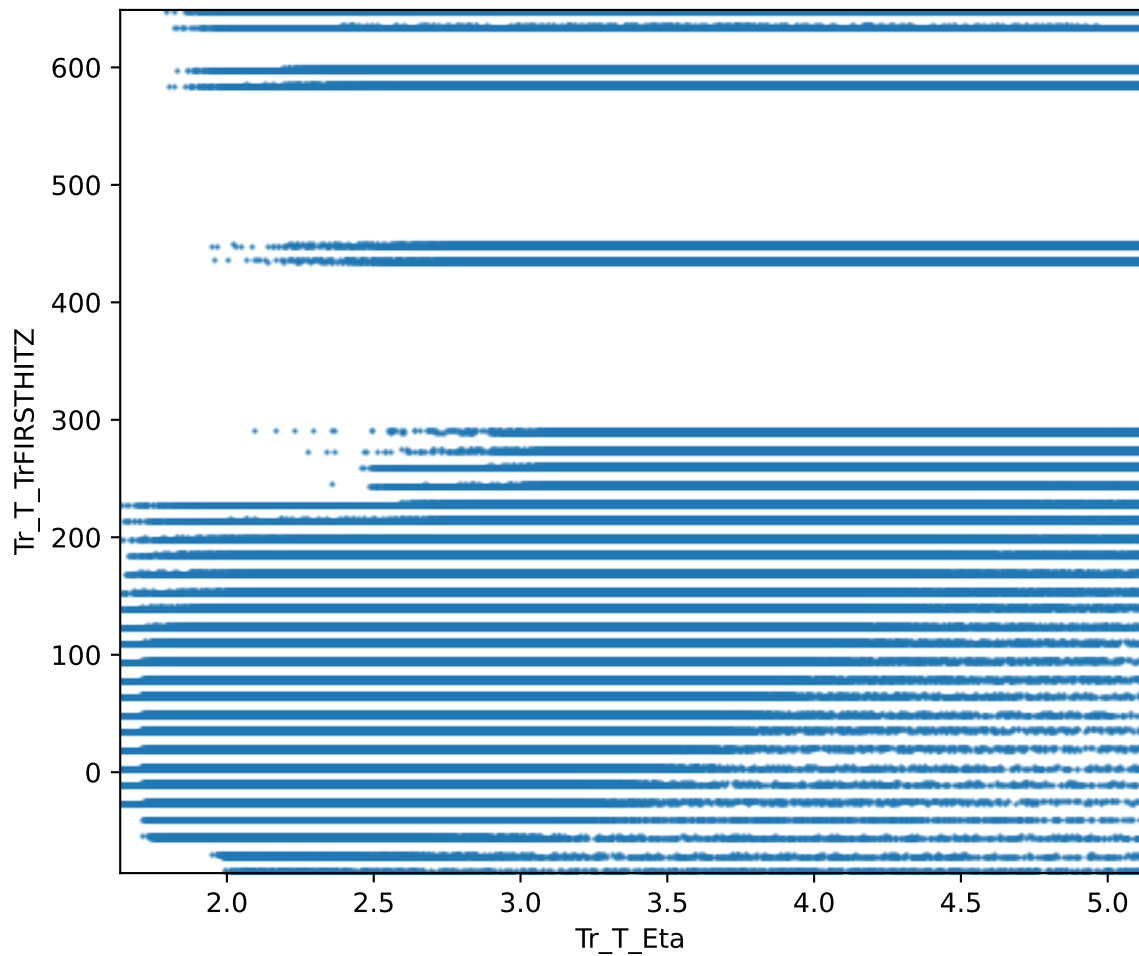Pair Plot ('Tr_diff_z' vs 'Tr_T_Eta')
correlation: 0.84490
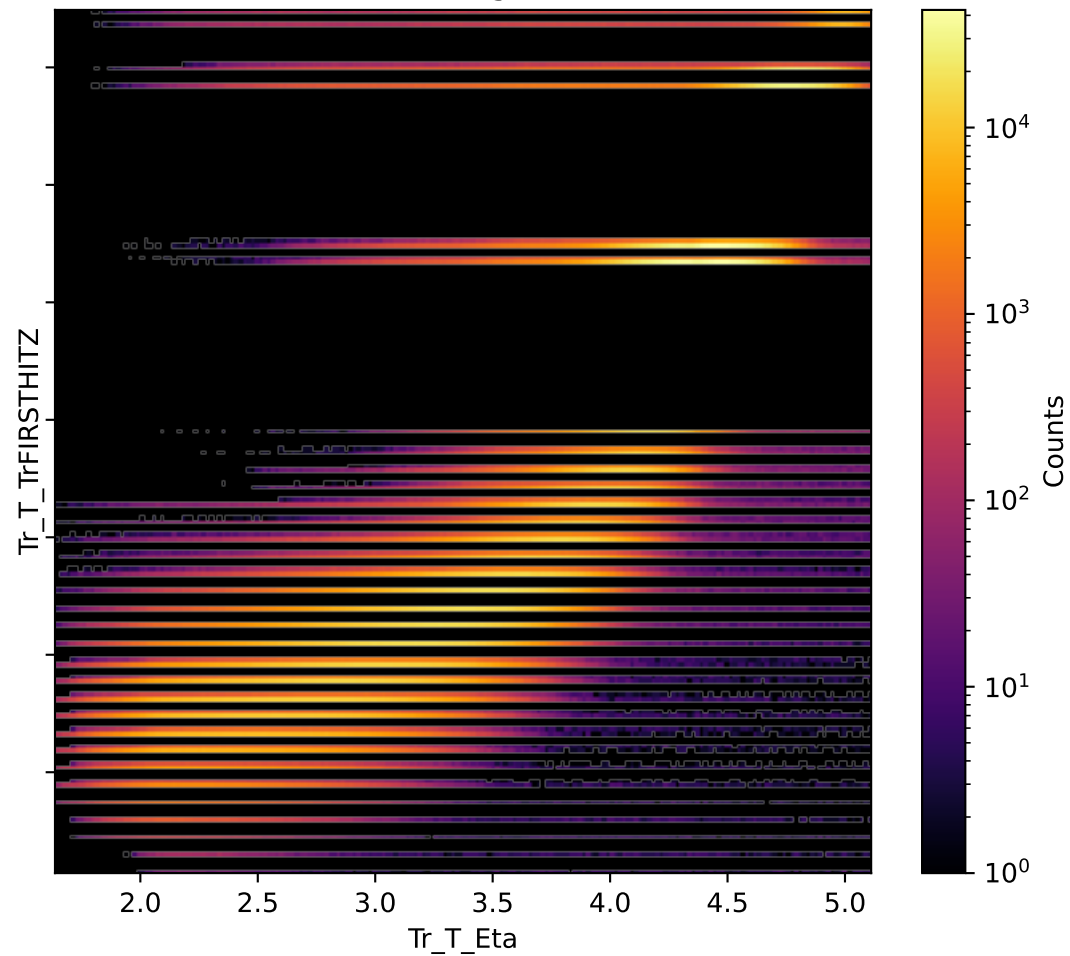
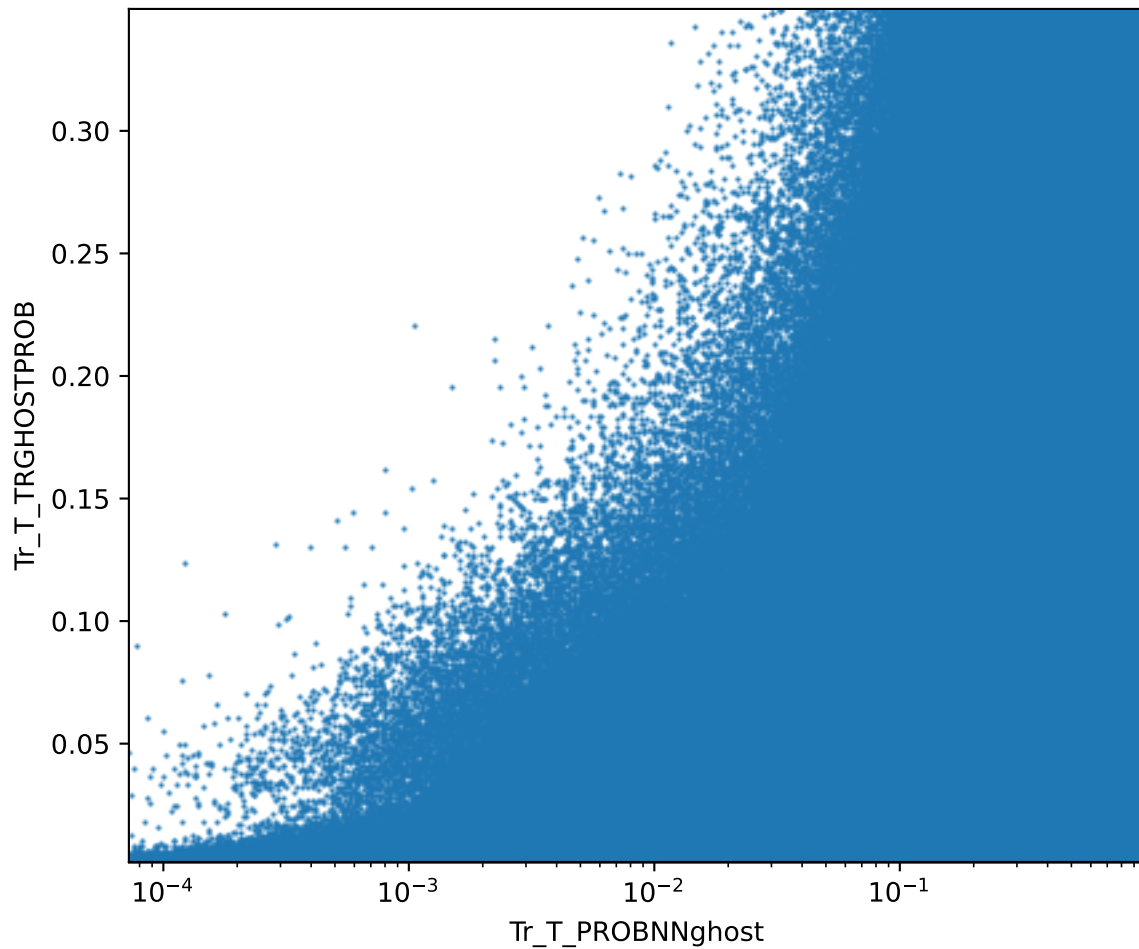Pair Plot ('Tr_T_Eta' vs 'Tr_T_TrFIRSTHITZ')
correlation: 0.83482
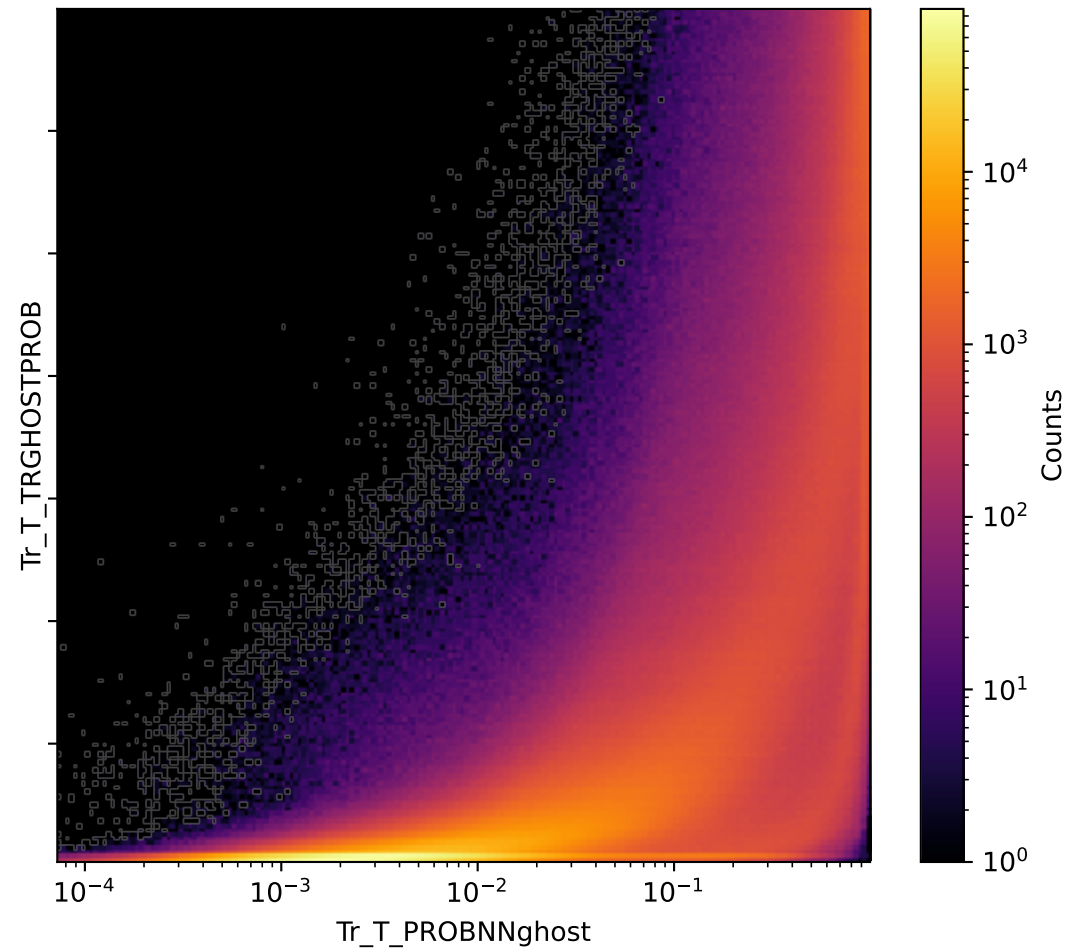
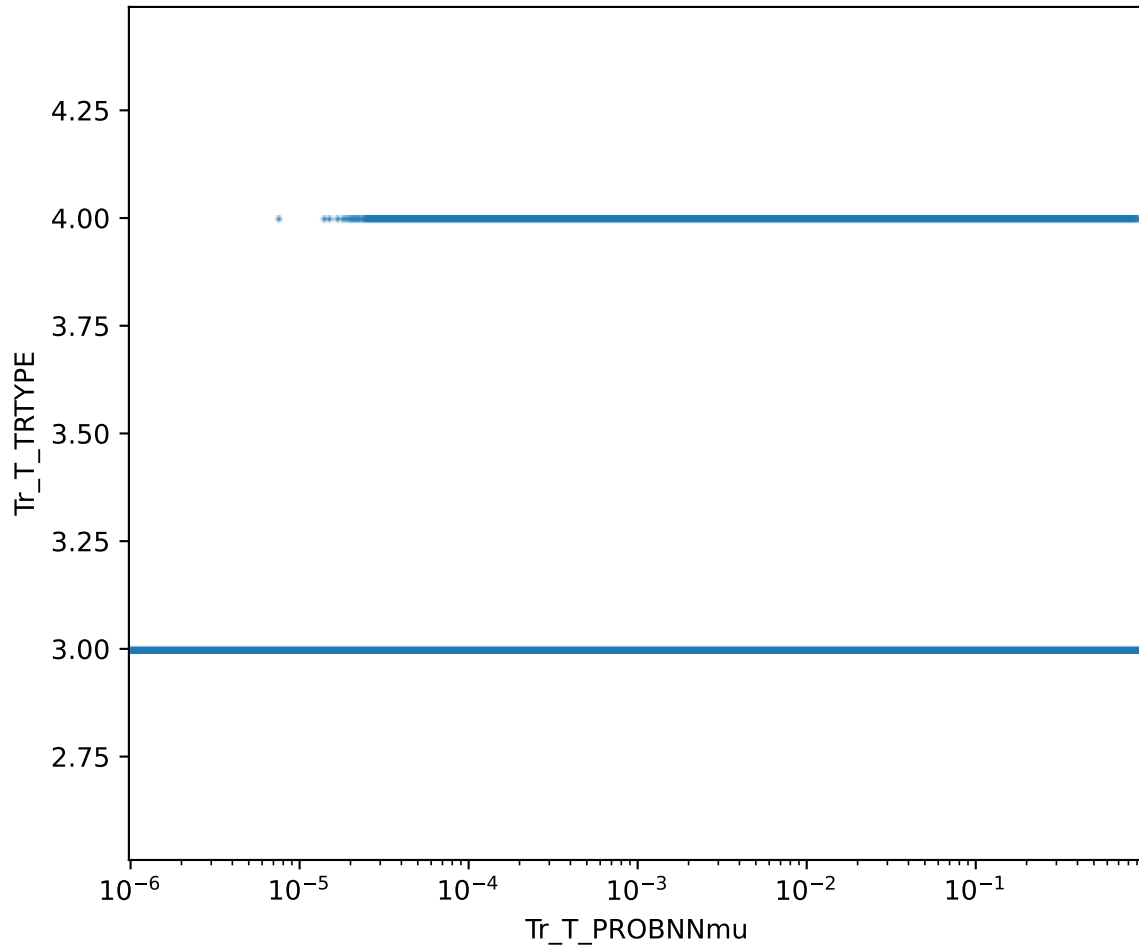Pair Plot ('Tr_T_PROBNNghost' vs 'Tr_T_TRGHOSTPROB')
correlation: 0.82487
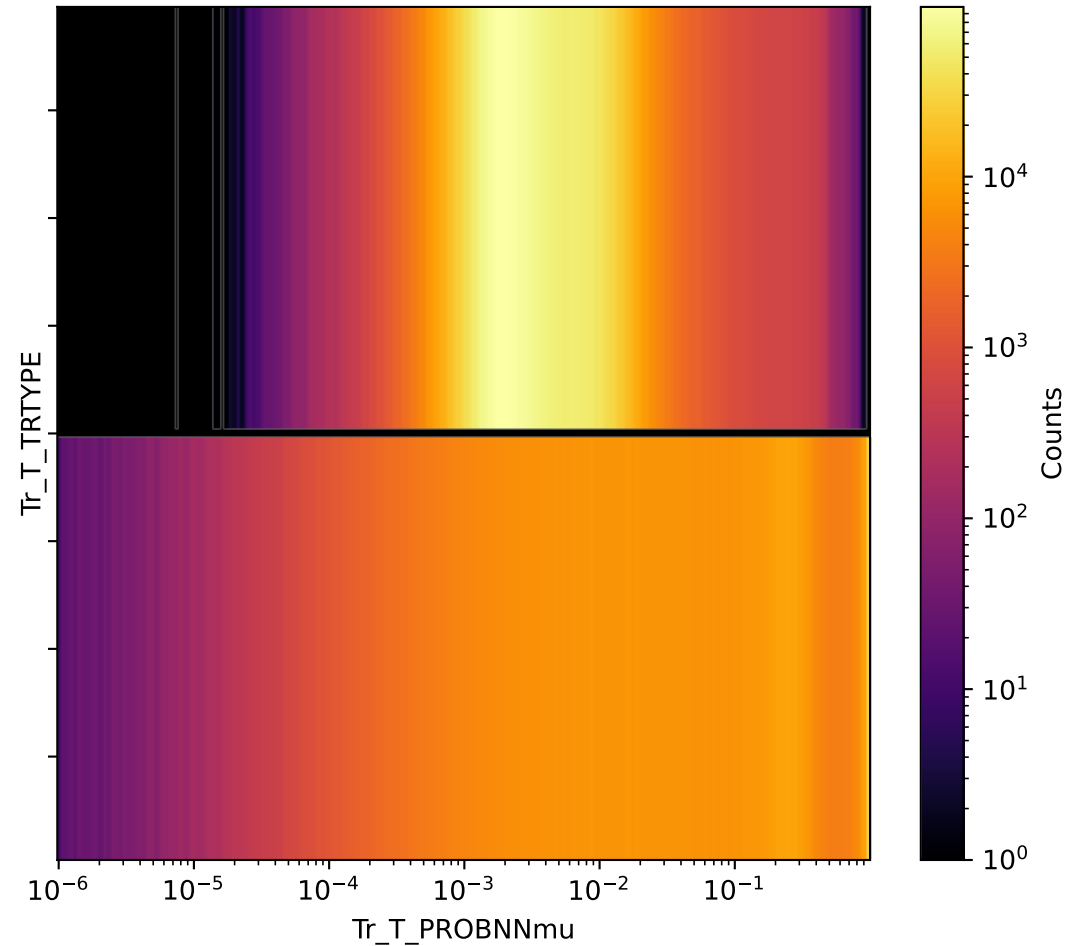
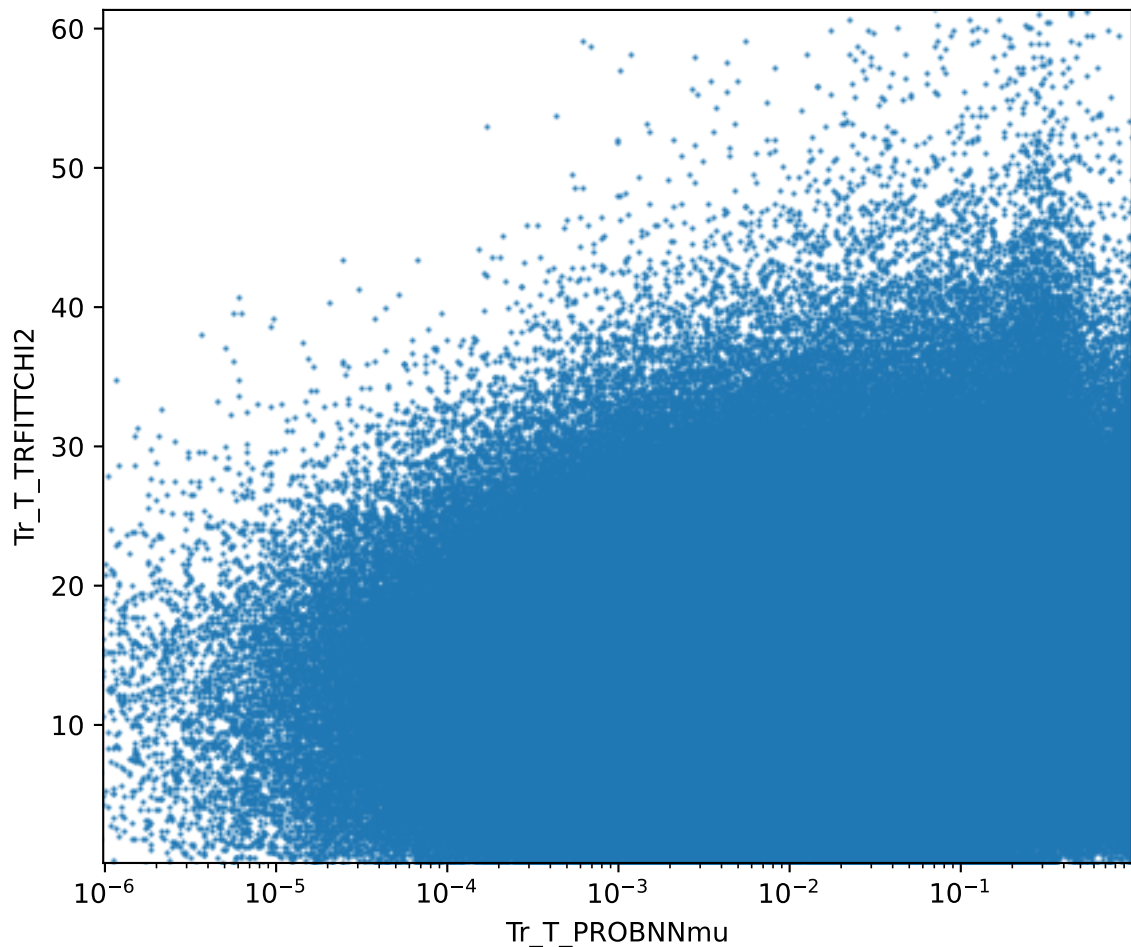Pair Plot ('Tr_T_PROBNNmu' vs 'Tr_T_TRTYPE')
correlation: 0.82207
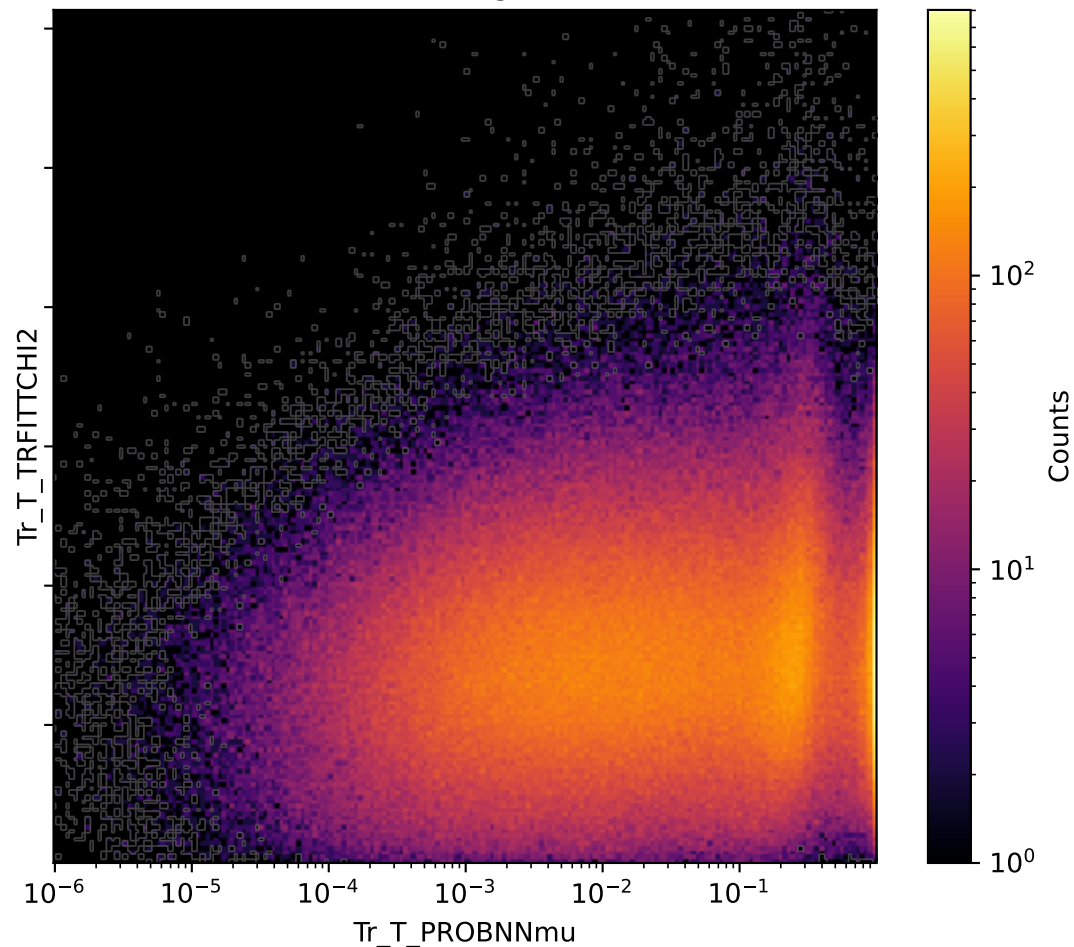
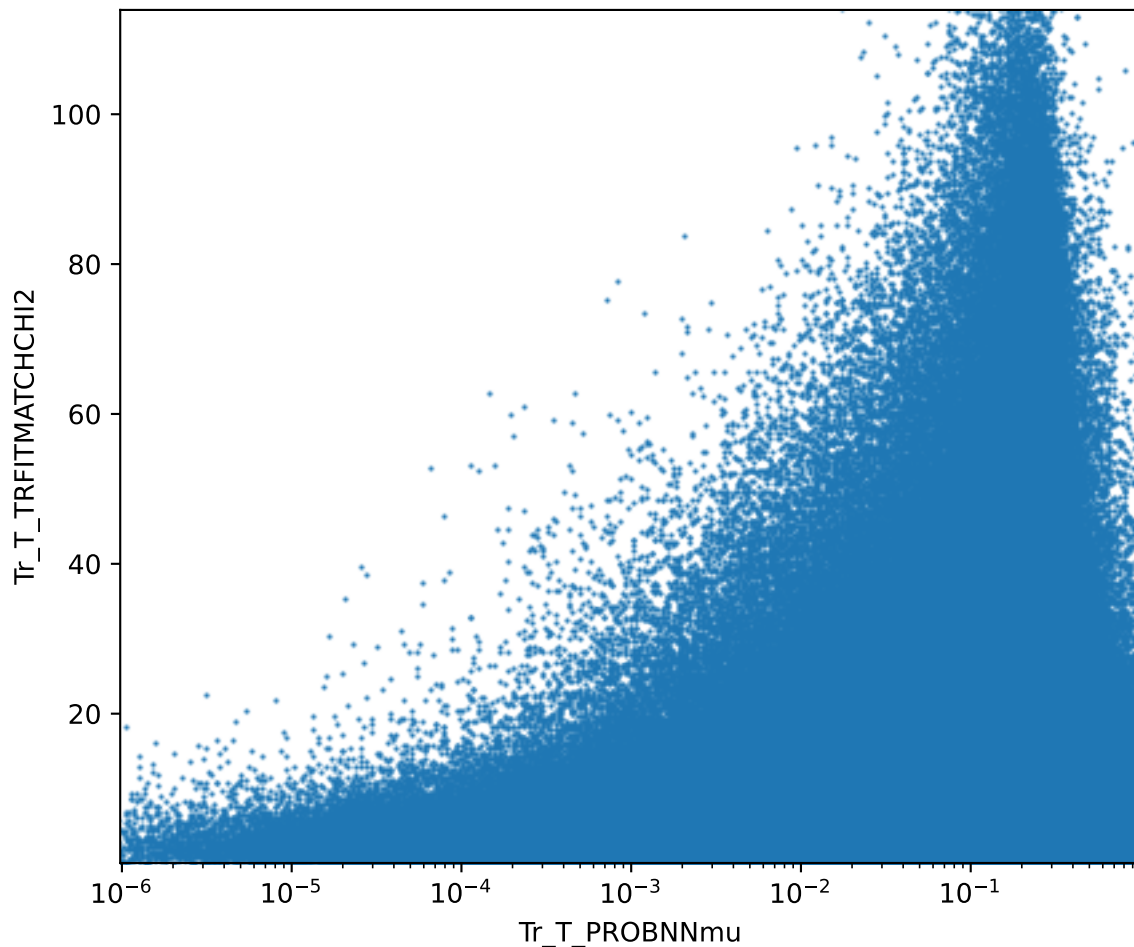Pair Plot ('Tr_T_PROBNNmu' vs 'Tr_T_TRFITTCHI2')
correlation: -0.82185
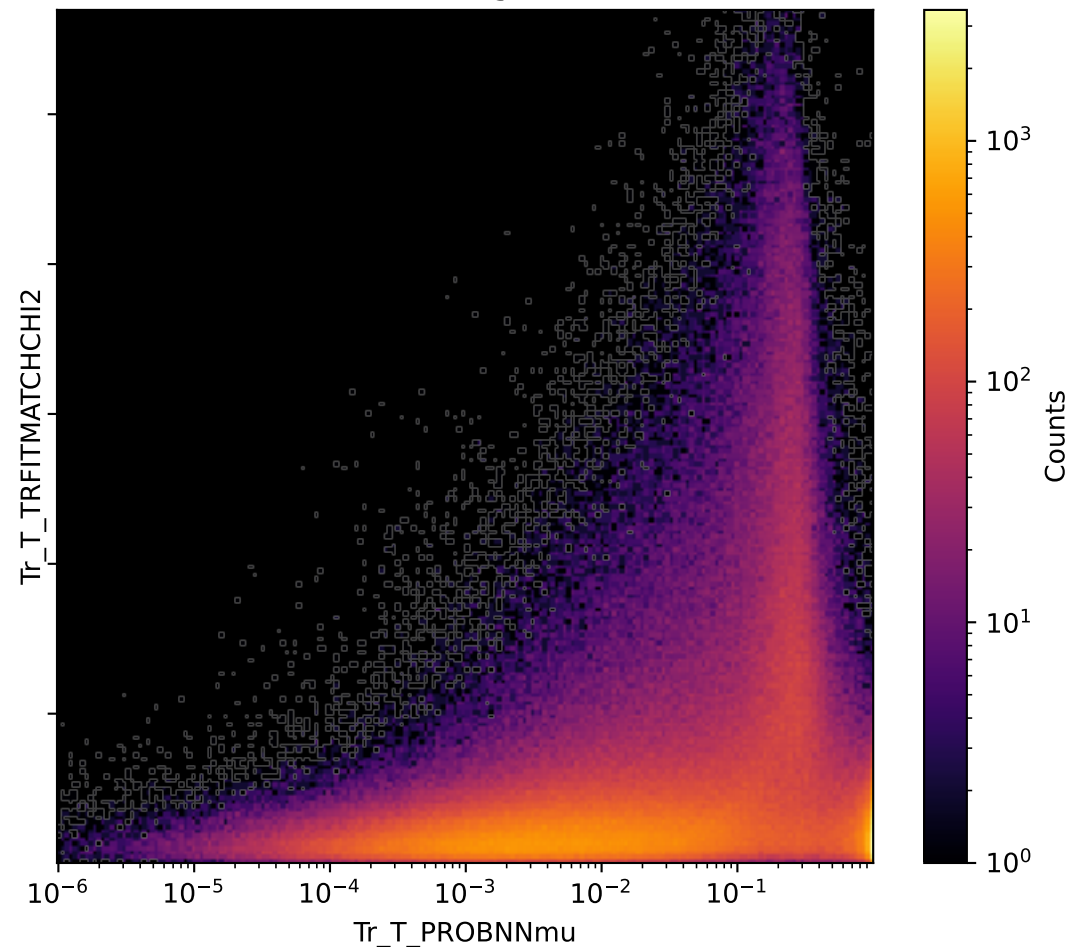
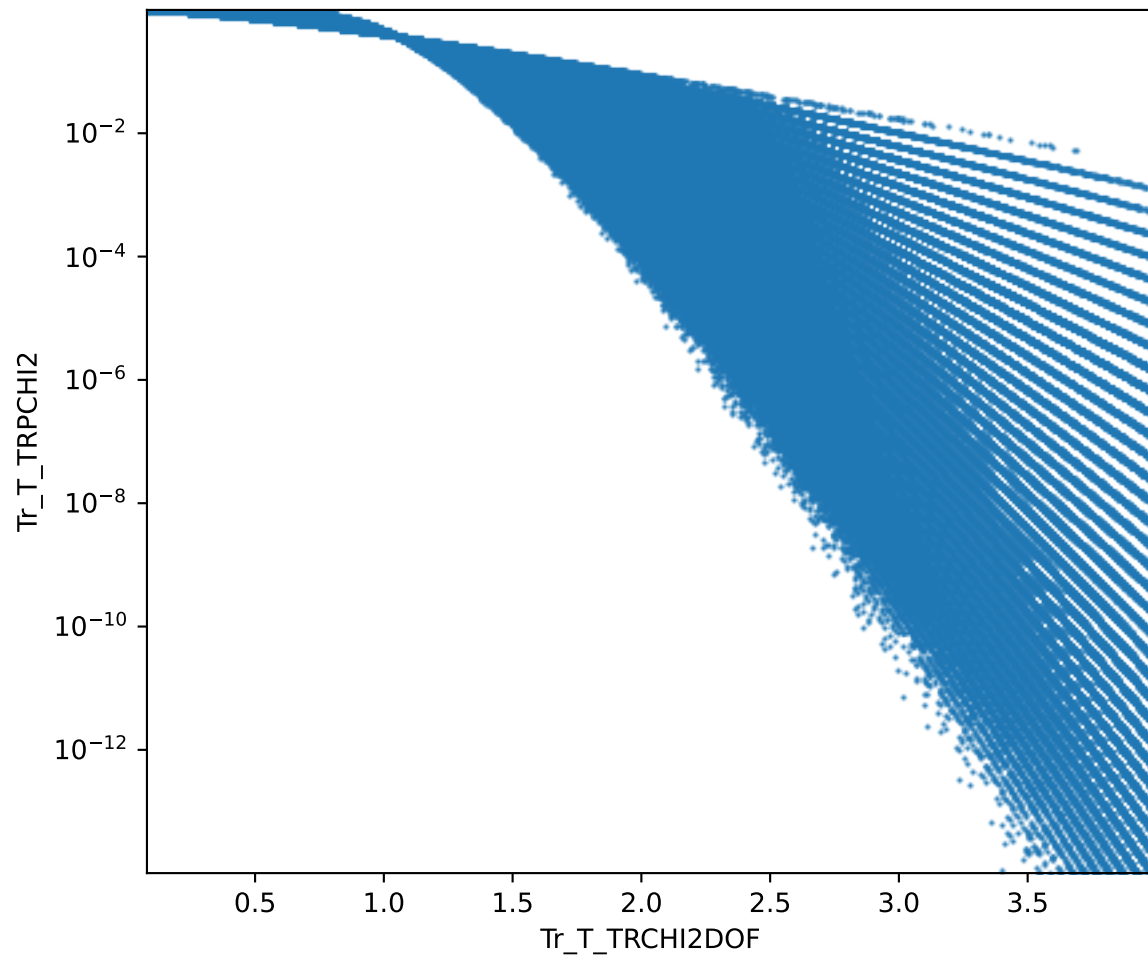Pair Plot ('Tr_T_PROBNNmu' vs 'Tr_T_TRFITMATCHCHI2')
correlation: -0.82069
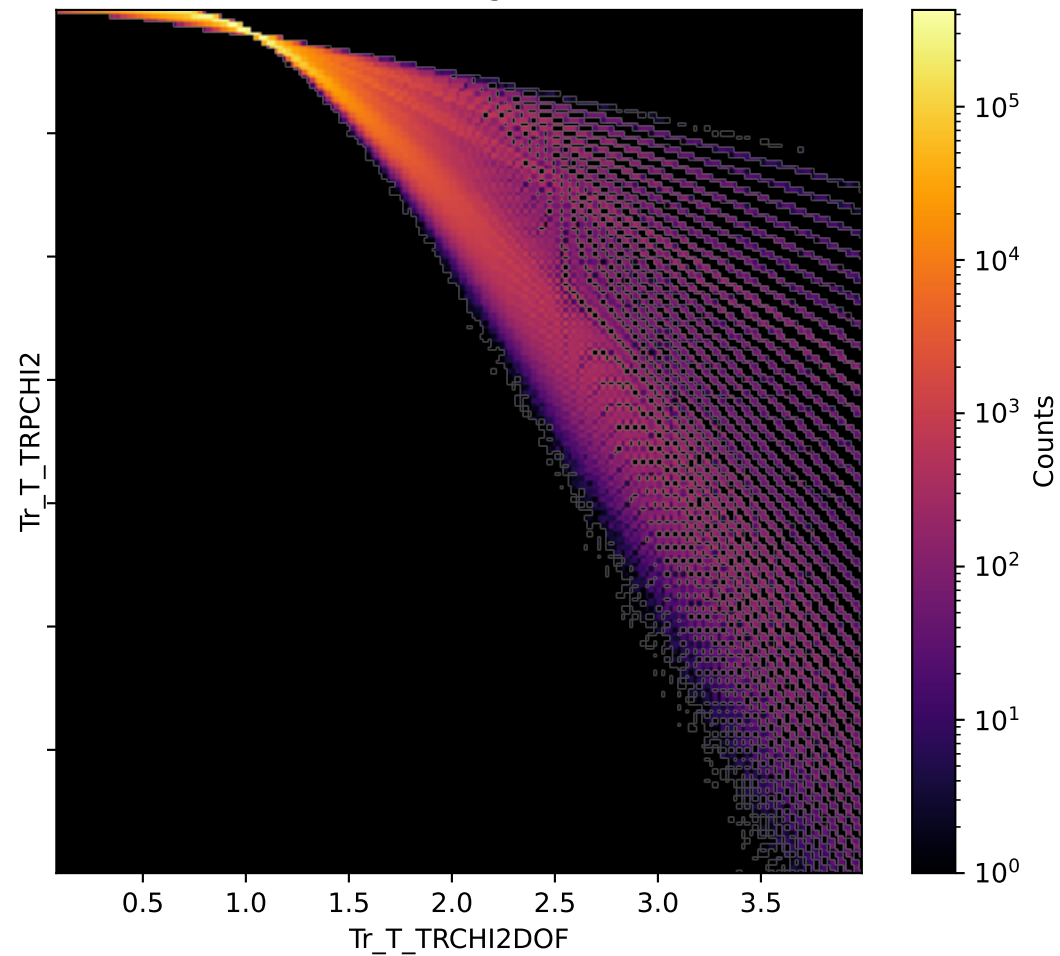
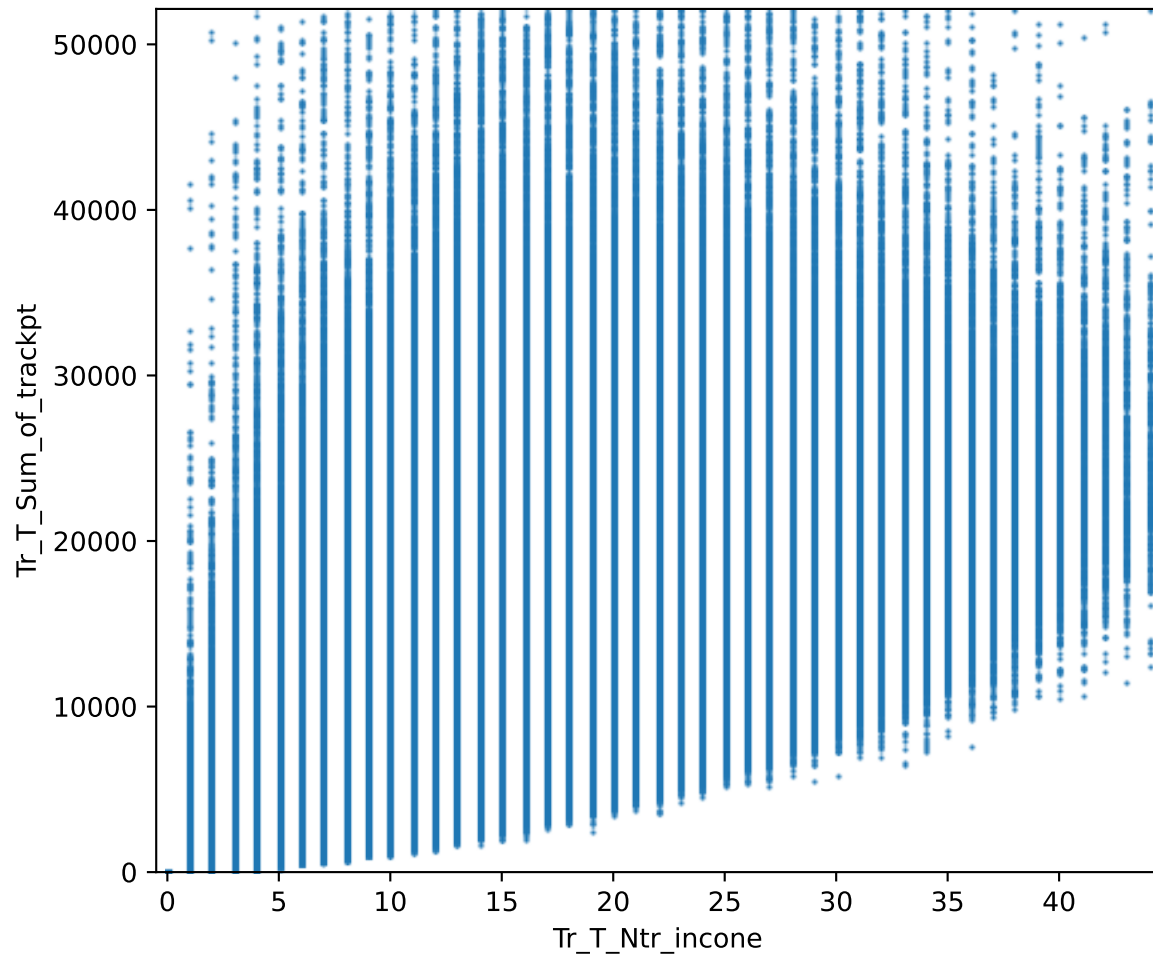Pair Plot ('Tr_T_TRCHI2DOF' vs 'Tr_T_TRPCHI2')
correlation: -0.80730
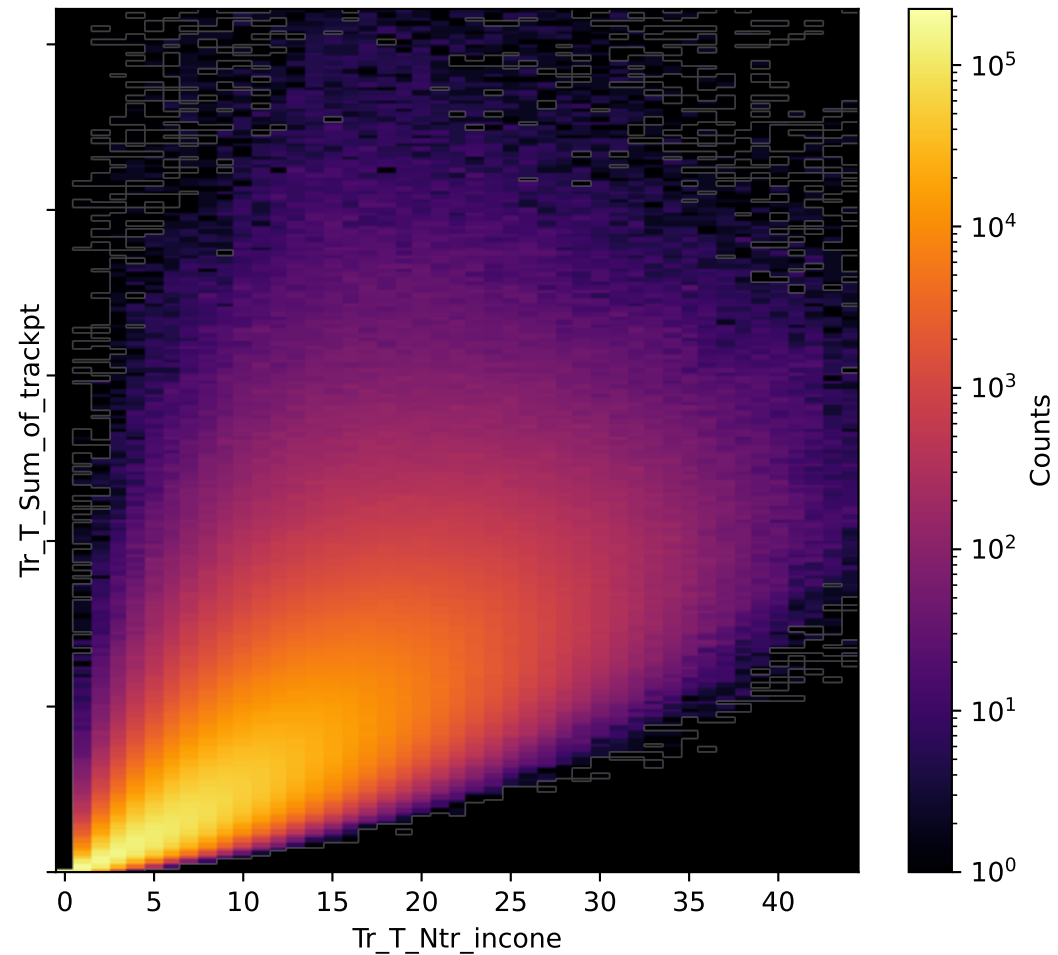
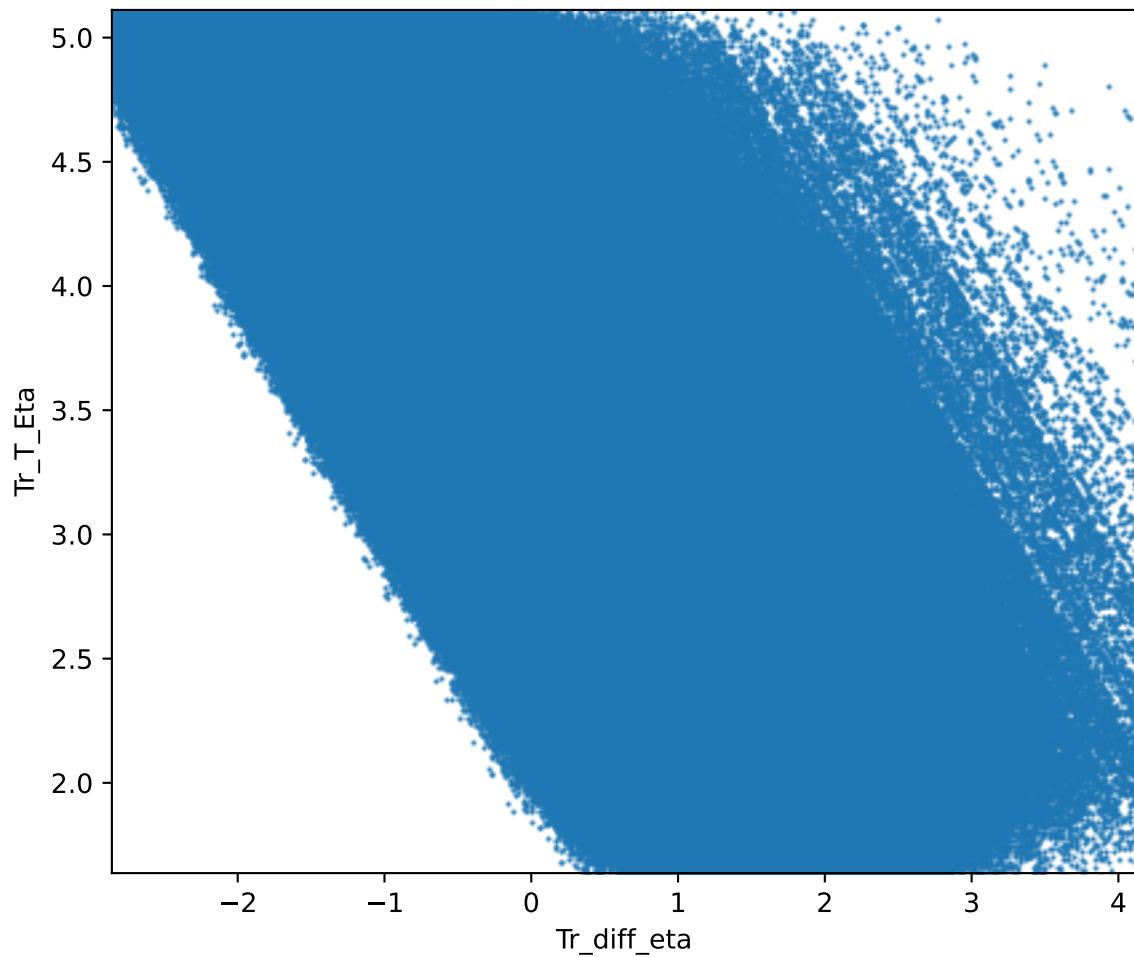Pair Plot ('Tr_T_Ntr_incone' vs 'Tr_T_Sum_of_trackpt')
correlation: 0.78439
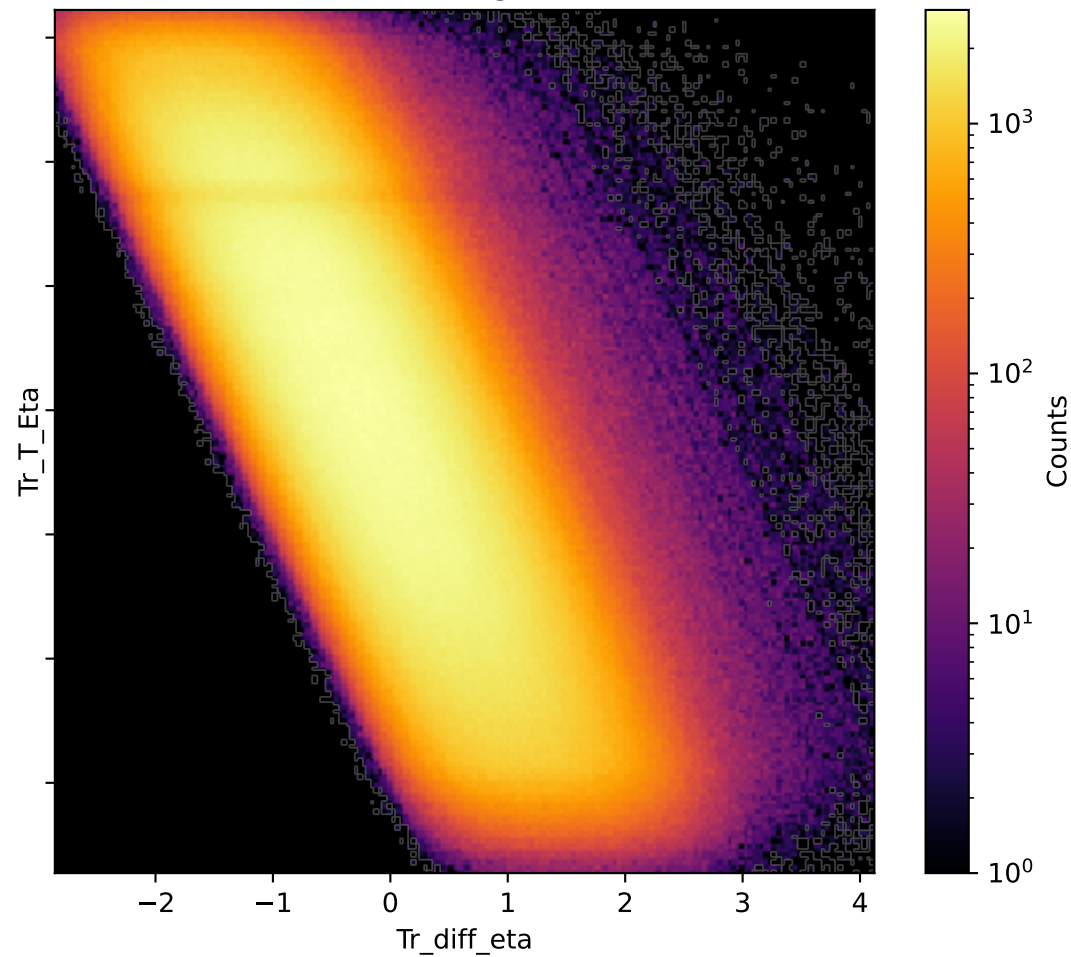
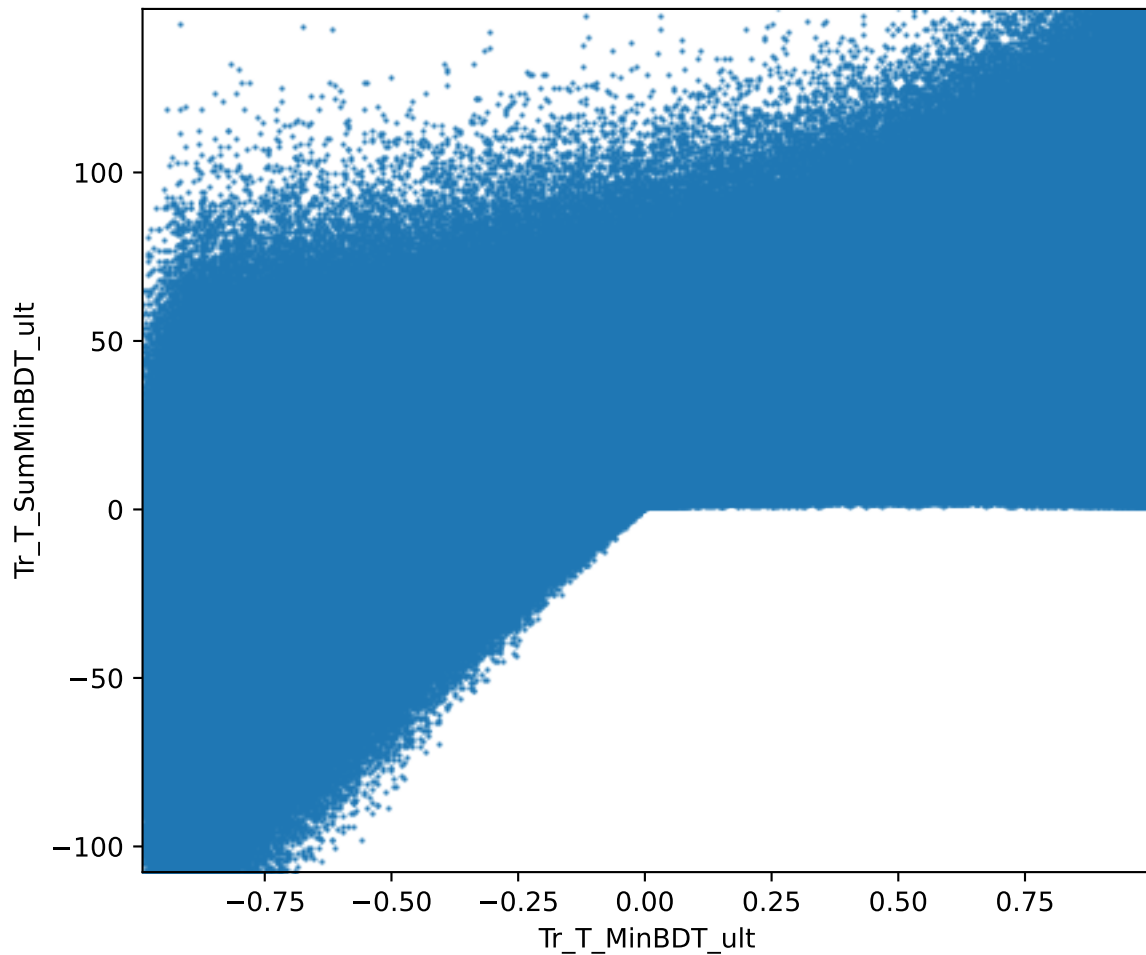Pair Plot ('Tr_diff_eta' vs 'Tr_T_Eta')
correlation: -0.77952
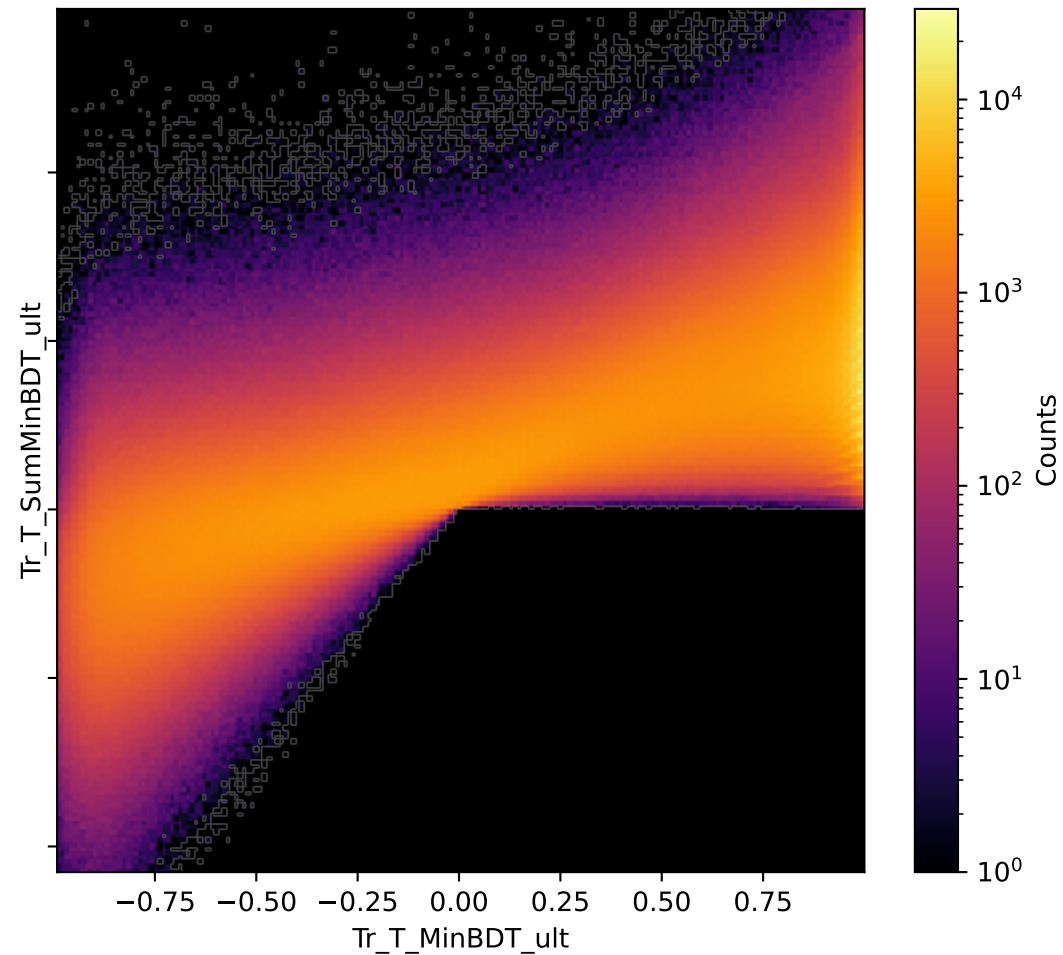
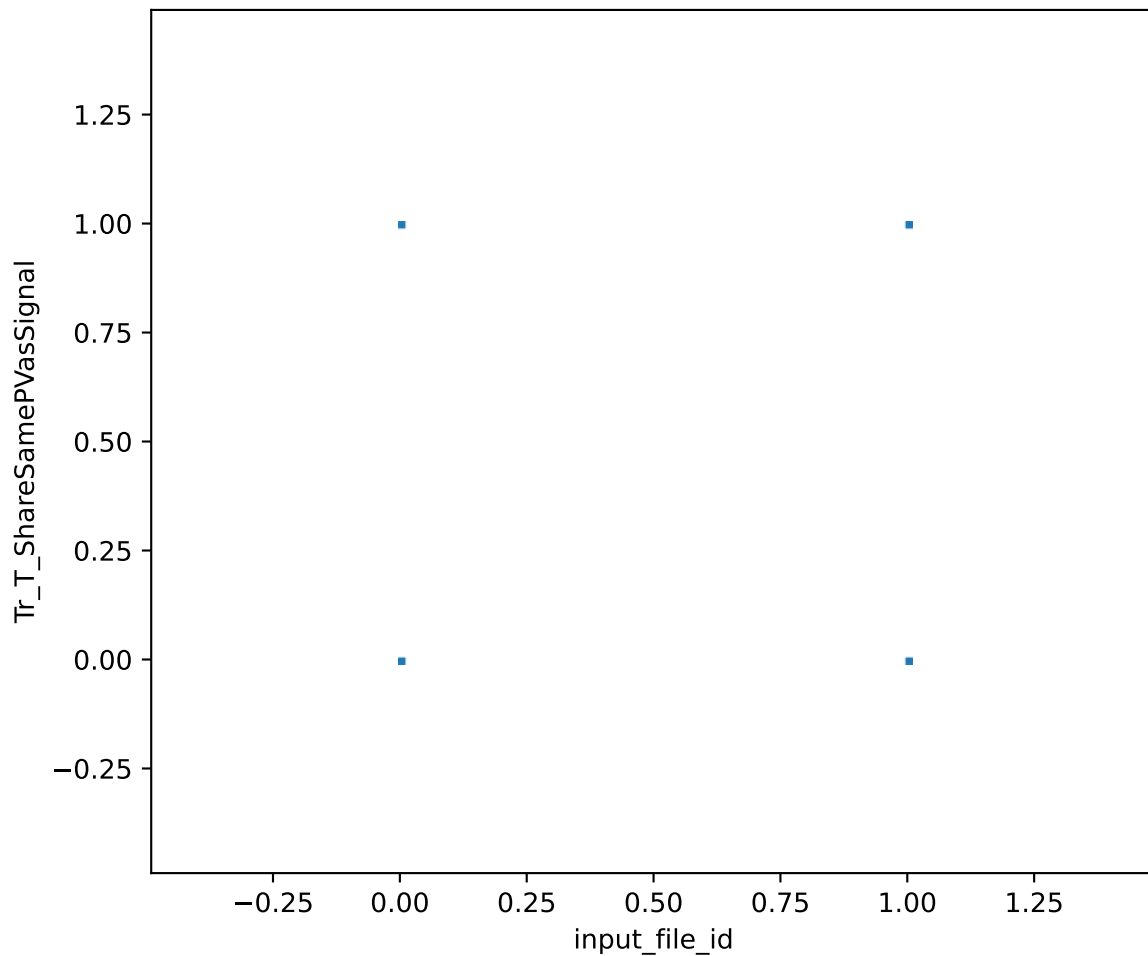Pair Plot ('Tr_T_MinBDT_ult' vs 'Tr_T_SumMinBDT_ult')
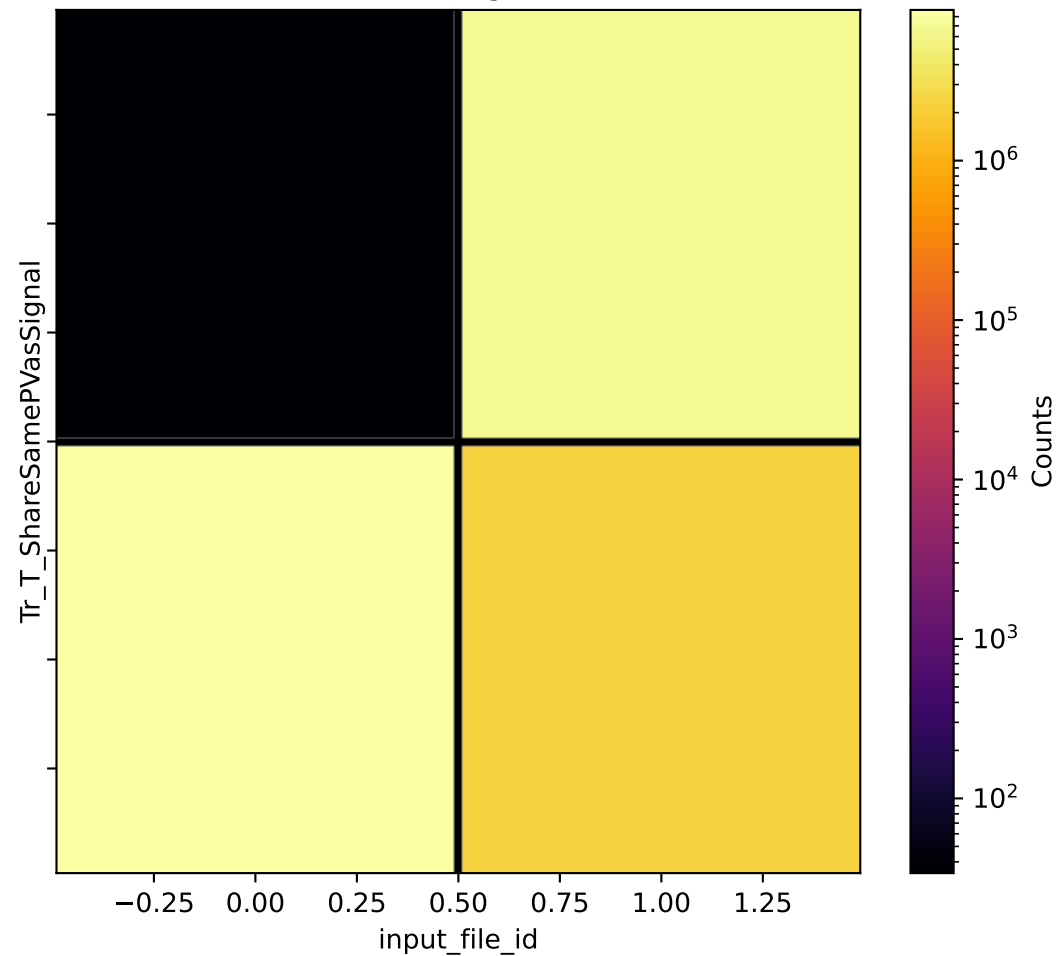correlation: 0.77719

Pair Plot ('input_file_id' vs 'Tr_T_ShareSamePVasSignal')
correlation: 0.76875

Scatter Plot

2D Histogram

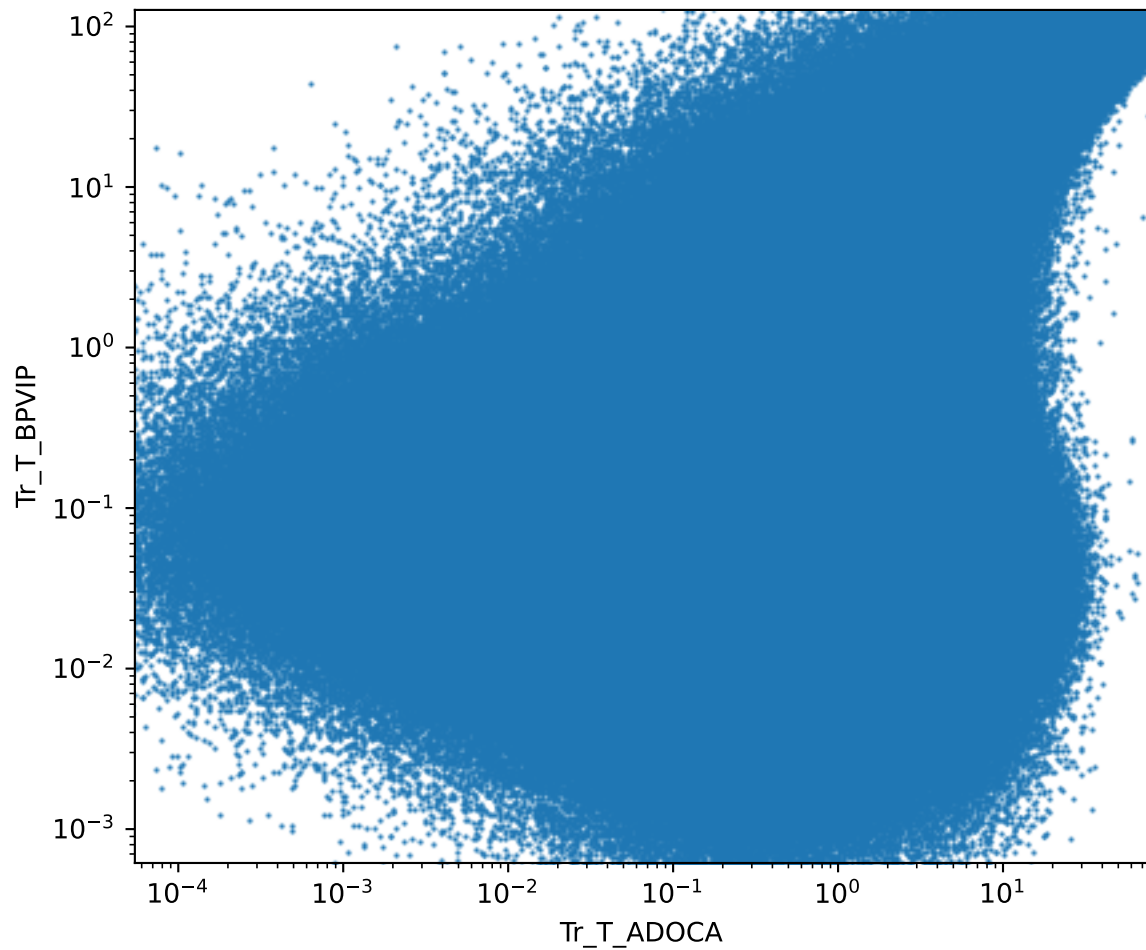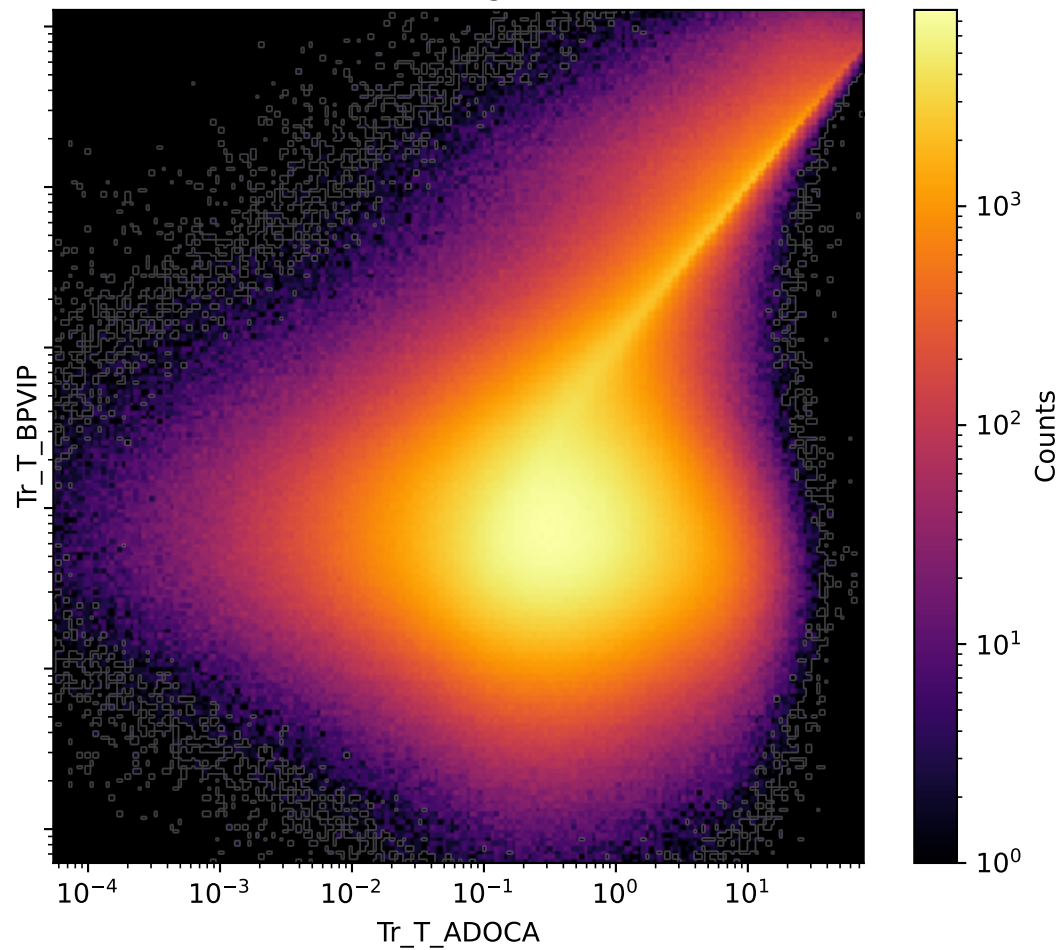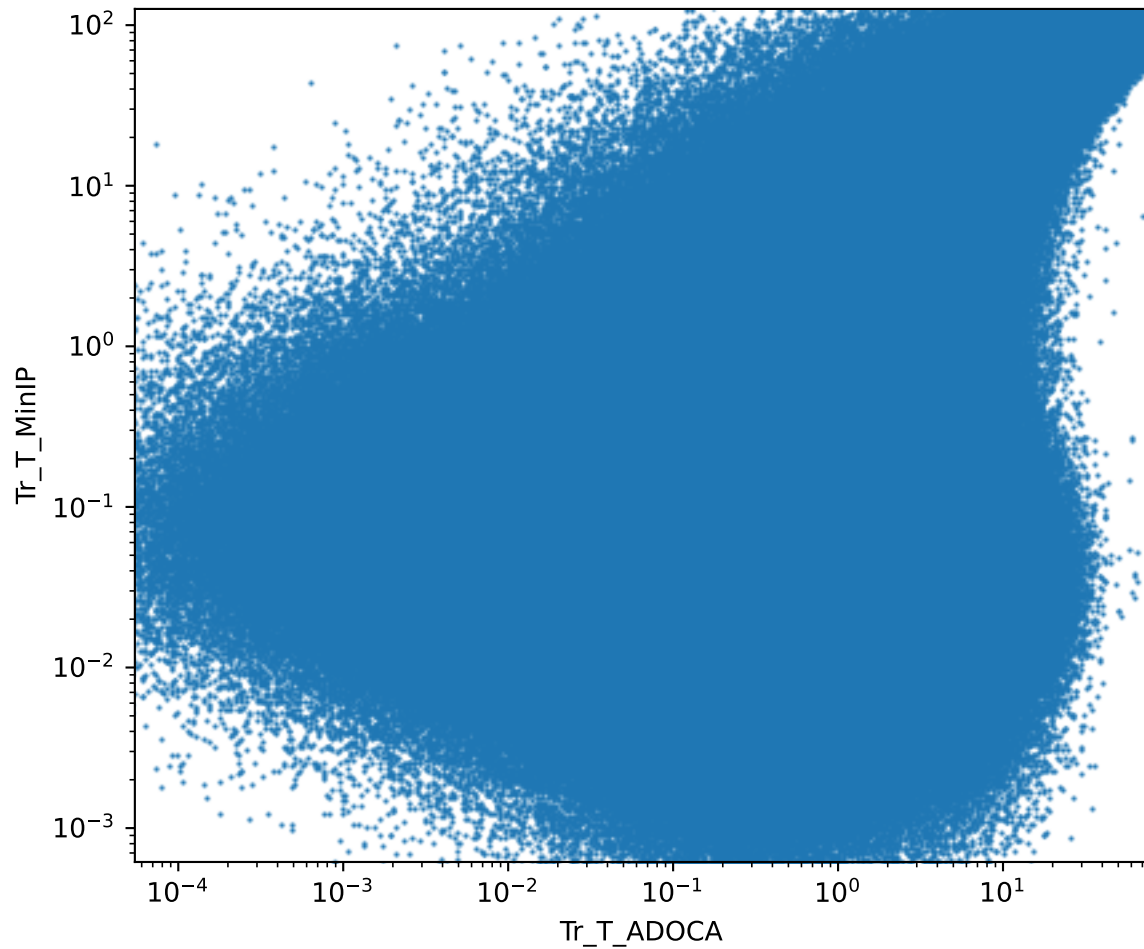Pair Plot ('Tr_T_ADOCA' vs 'Tr_T_BPVIP')
correlation: 0.72845
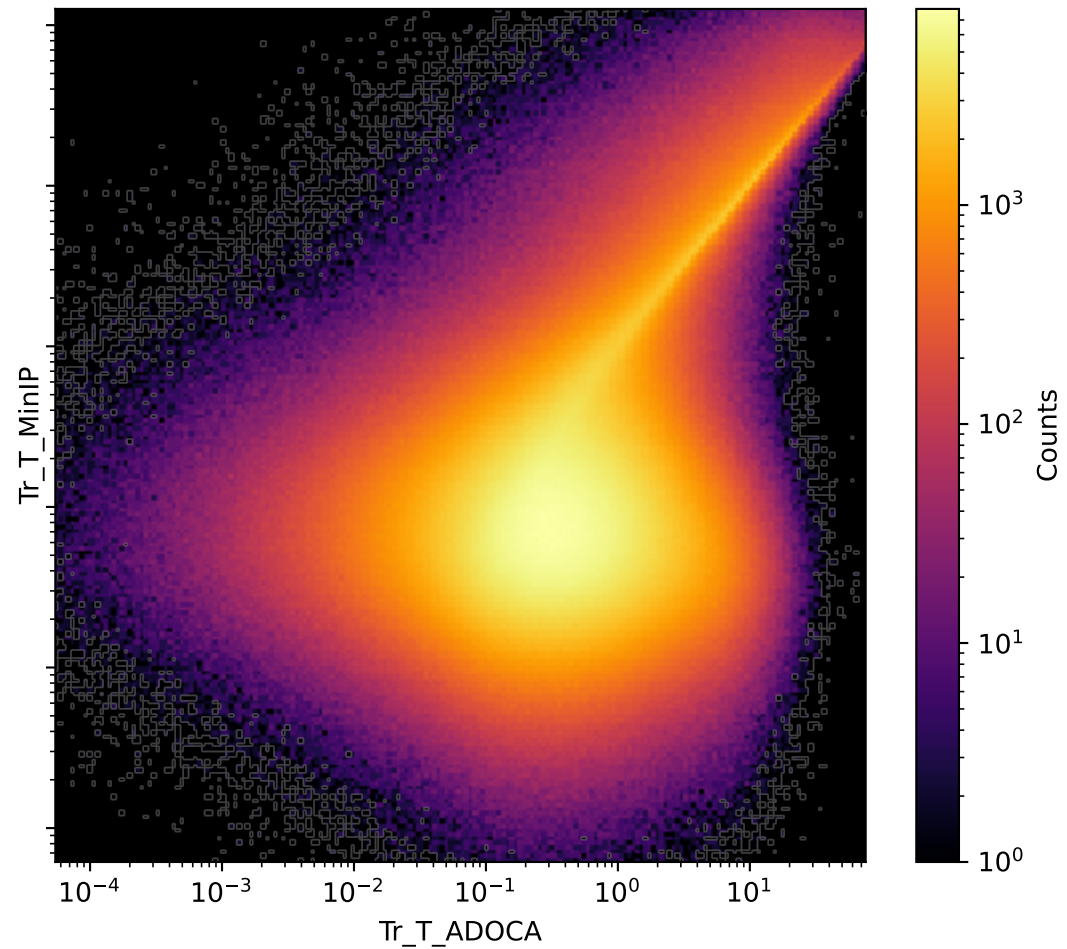
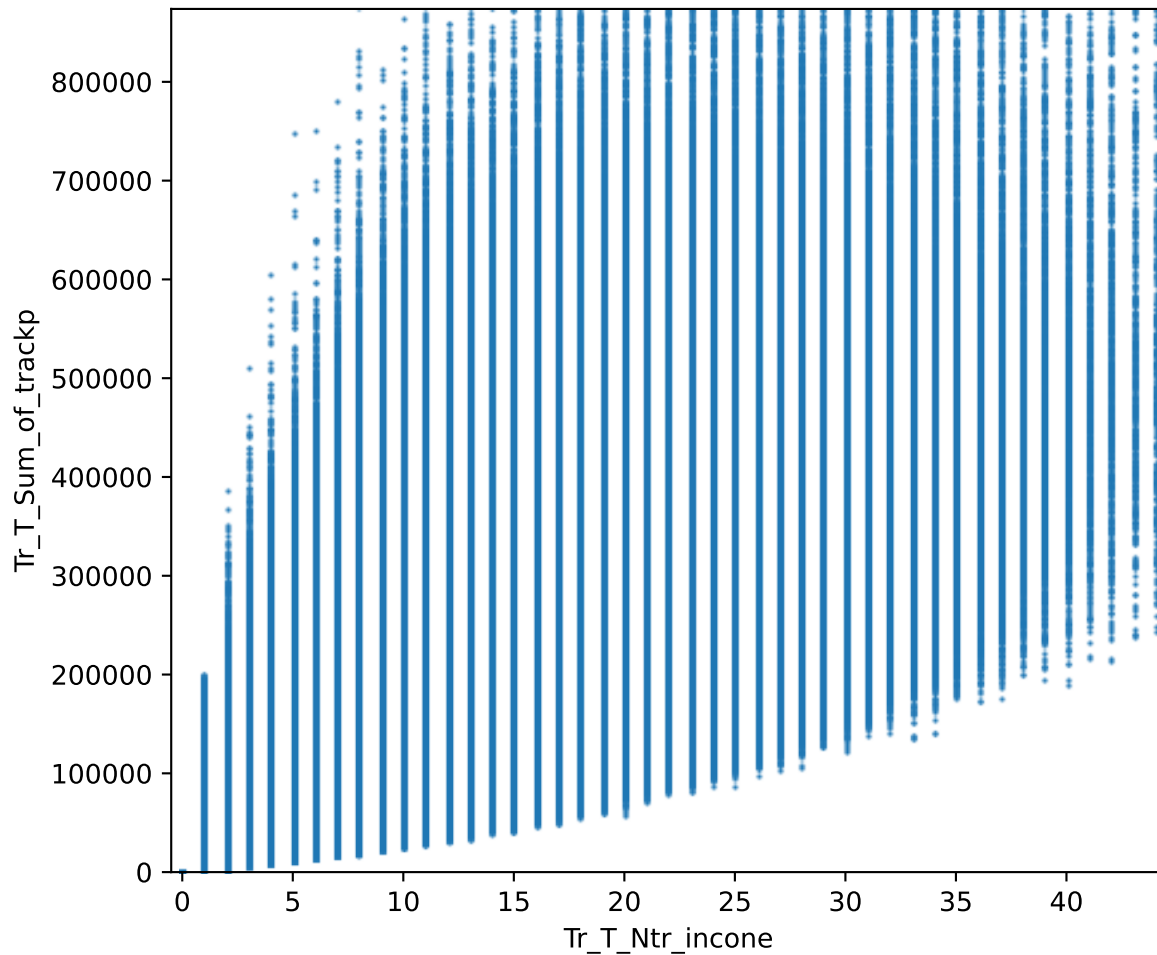Pair Plot ('Tr_T_ADOCA' vs 'Tr_T_MinIP')
correlation: 0.72840
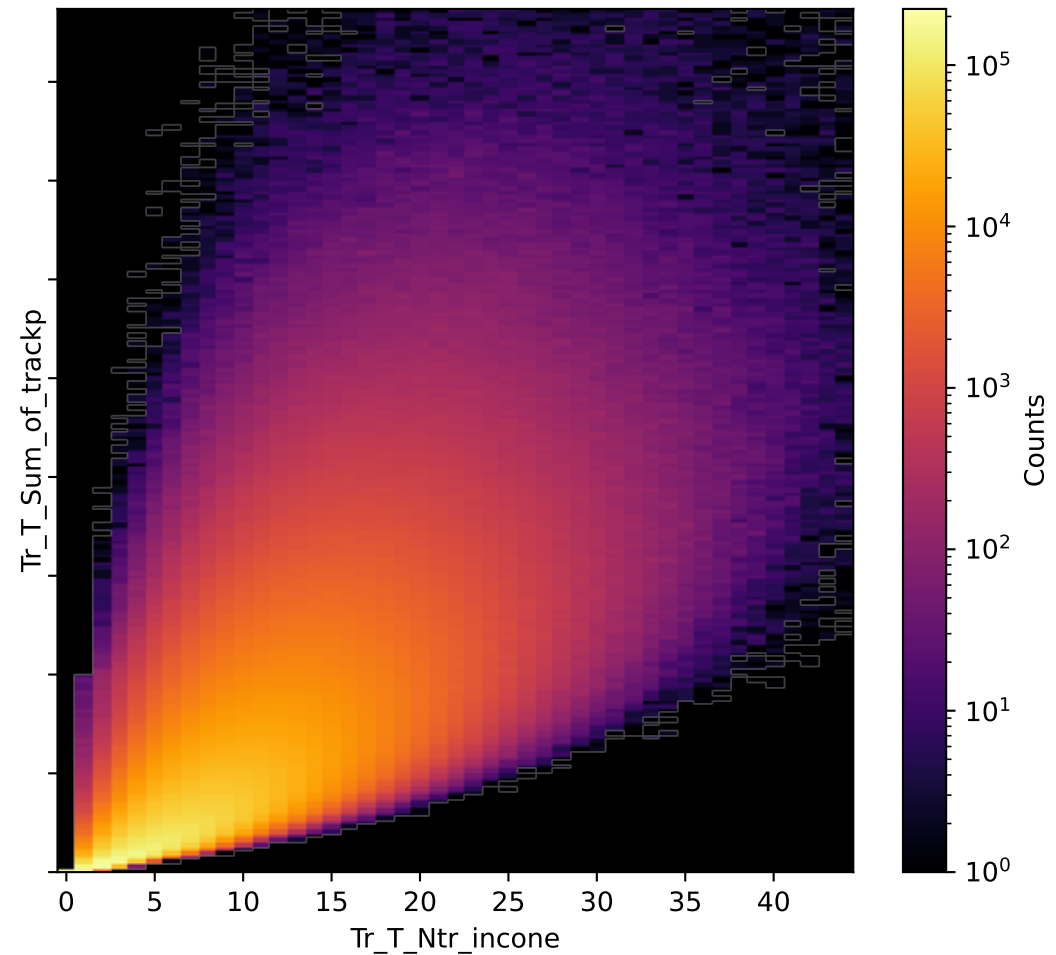
Pair Plot ('Tr_T_Ntr_incone' vs 'Tr_T_Sum_of_trackp')
correlation: 0.72796

Pair Plot ('Tr_T_BPVIP' vs 'Tr_T_IP_trMother')
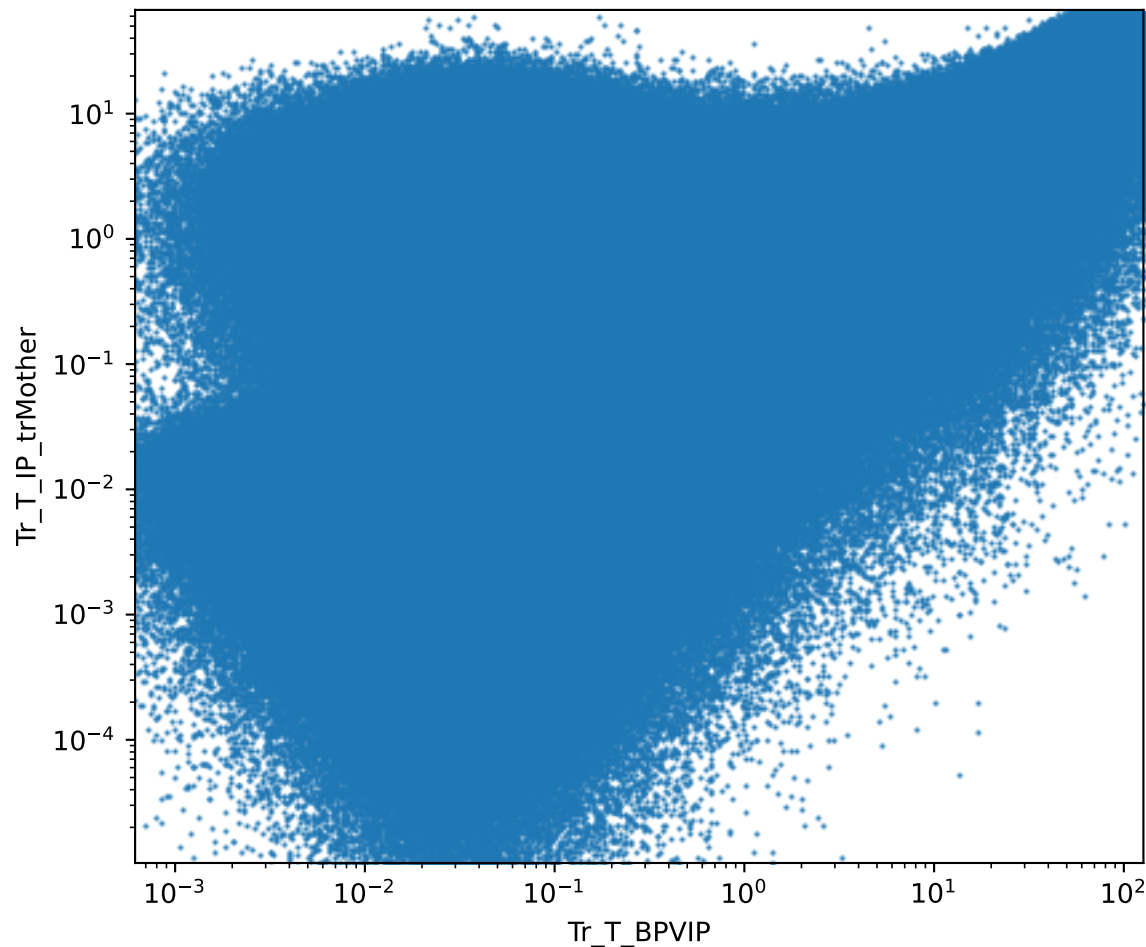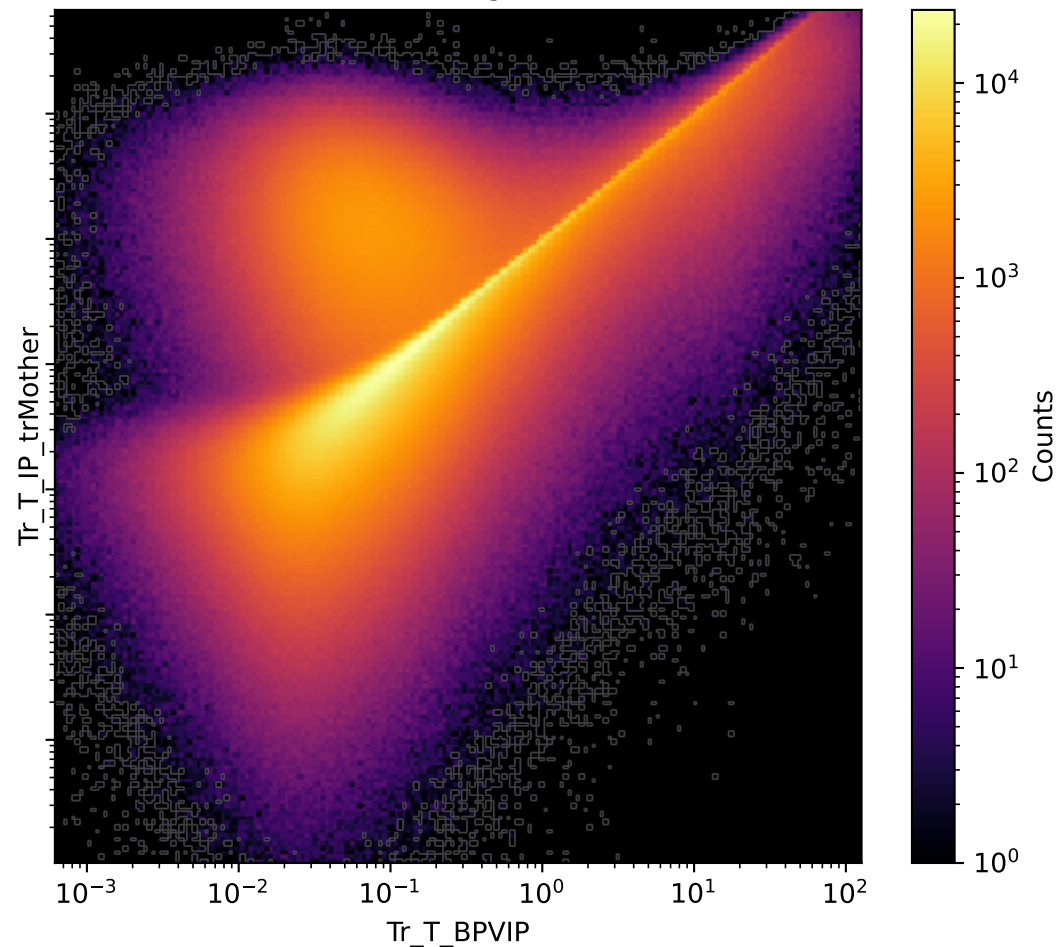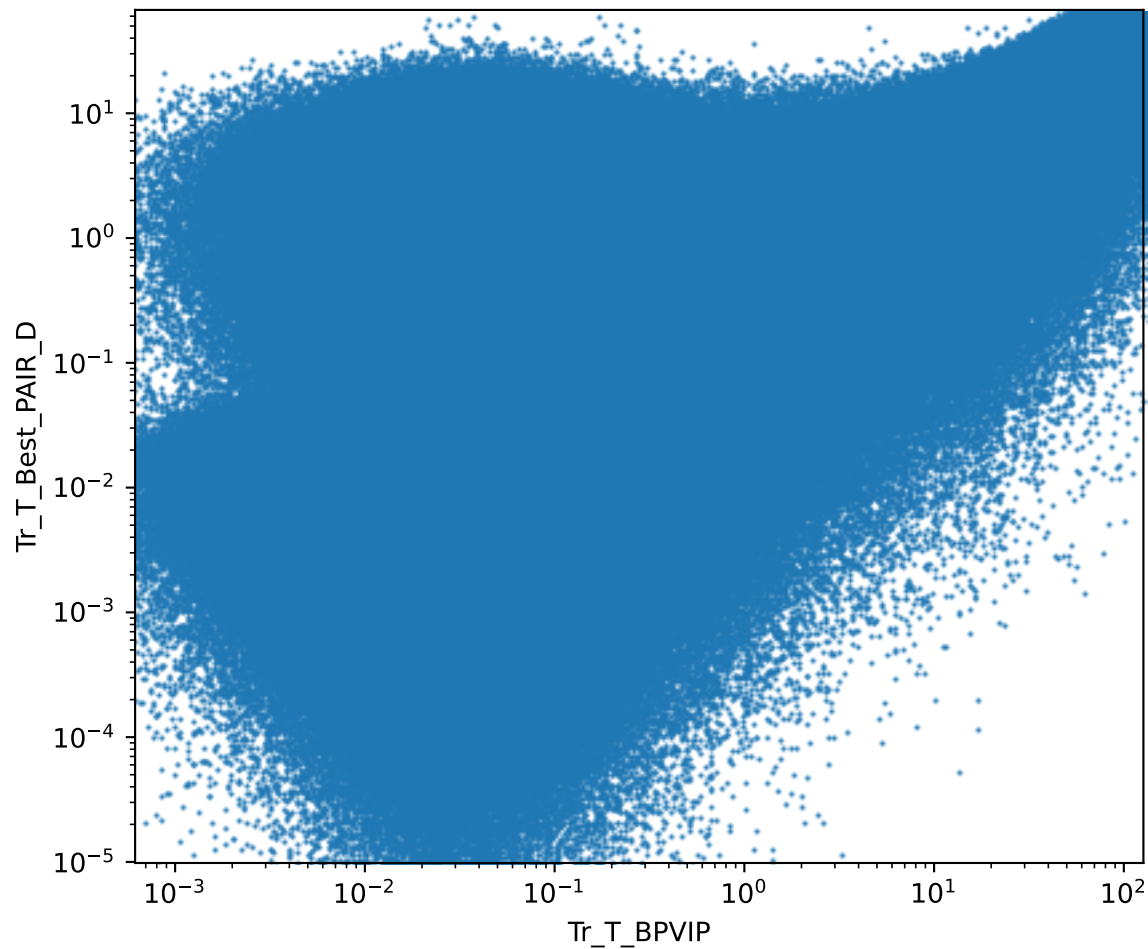correlation: 0.72590
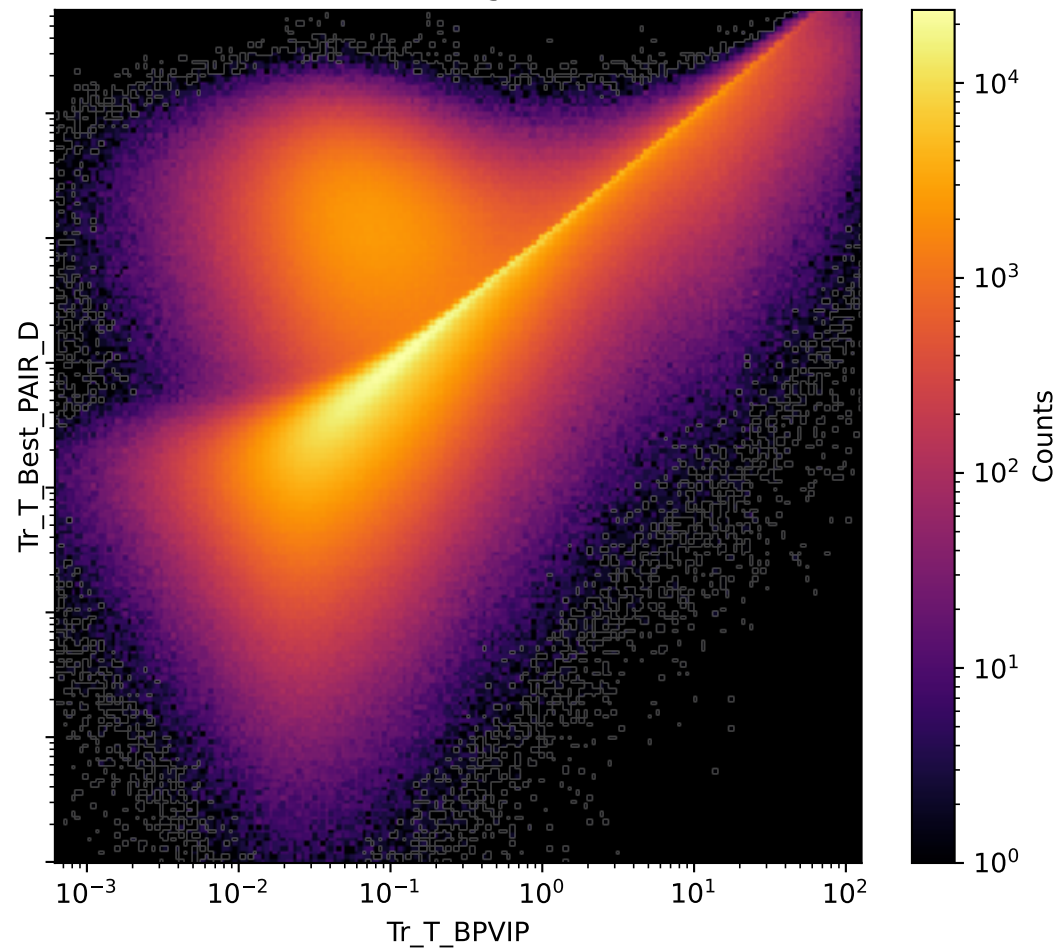
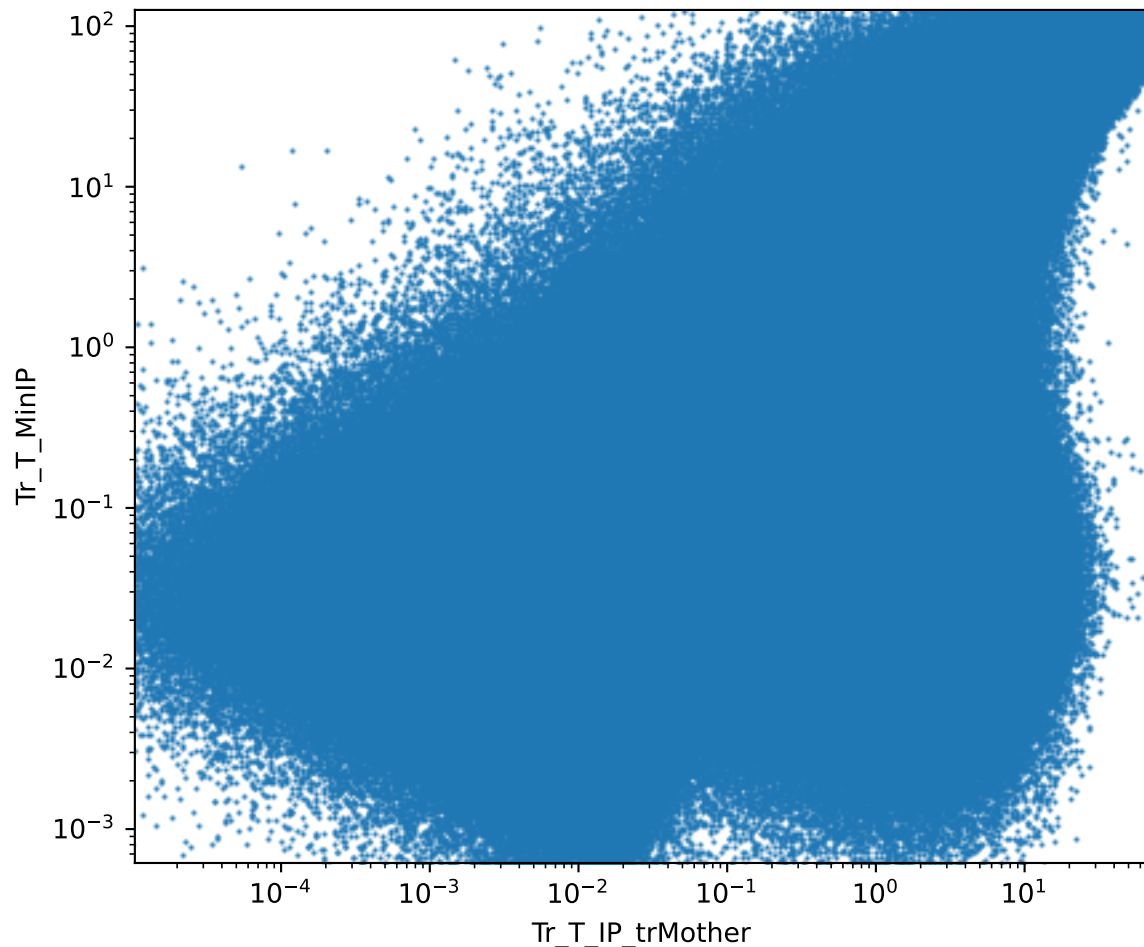Pair Plot ('Tr_T_BPVIP' vs 'Tr_T_Best_PAIR_D')
correlation: 0.72590
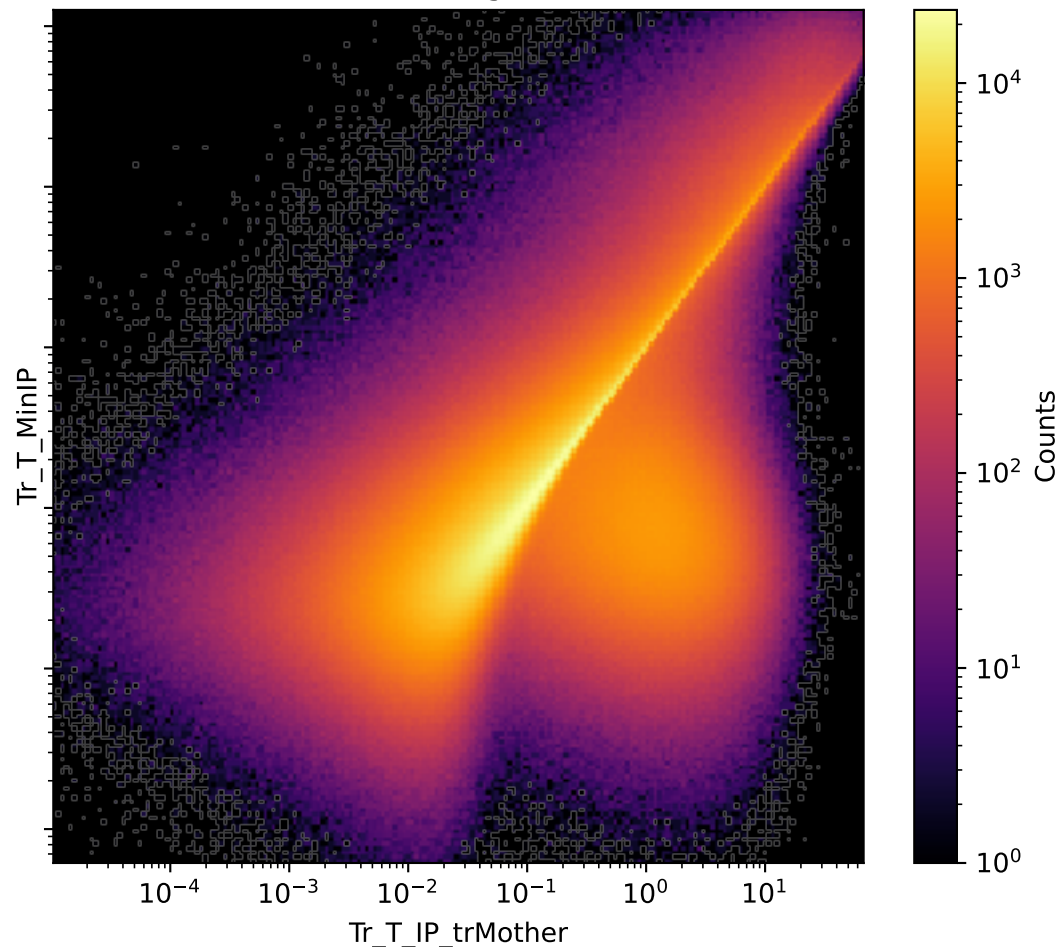
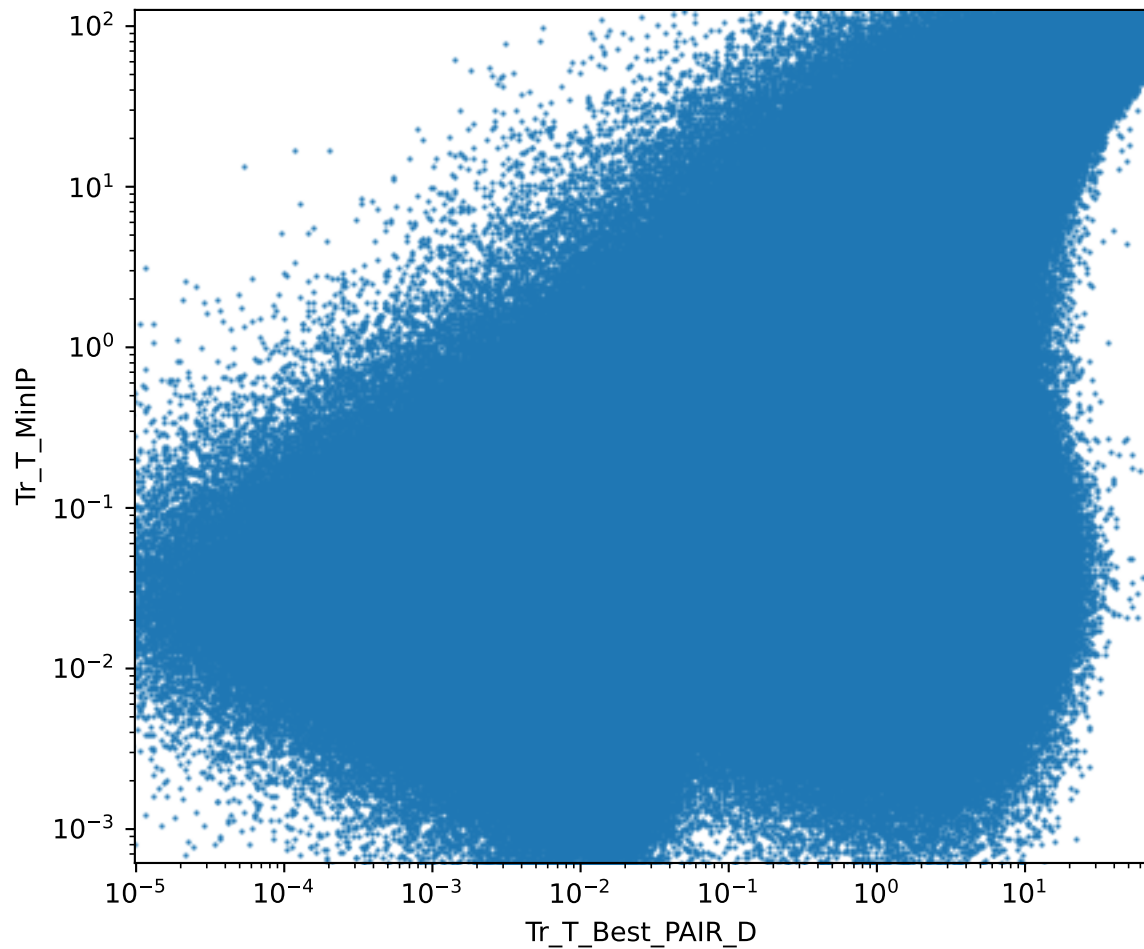Pair Plot ('Tr_T_IP_trMother' vs 'Tr_T_MinIP')
correlation: 0.72542
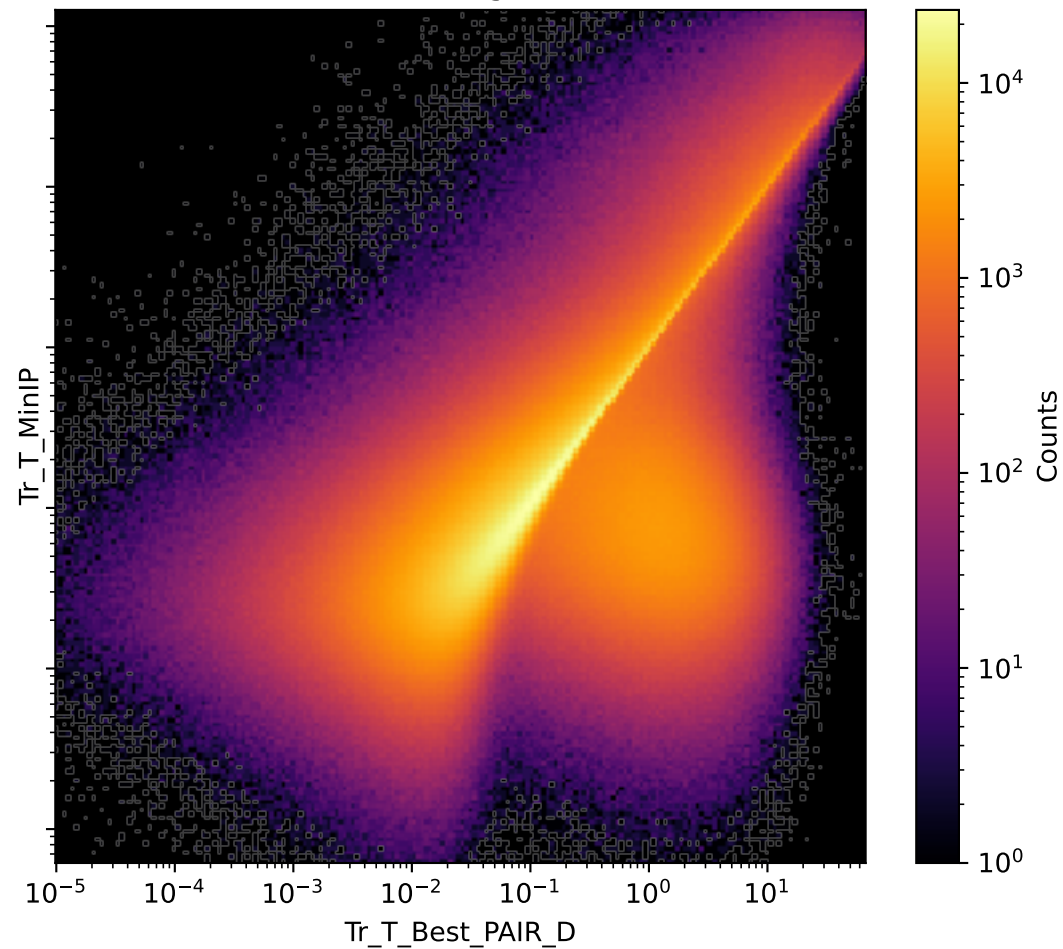
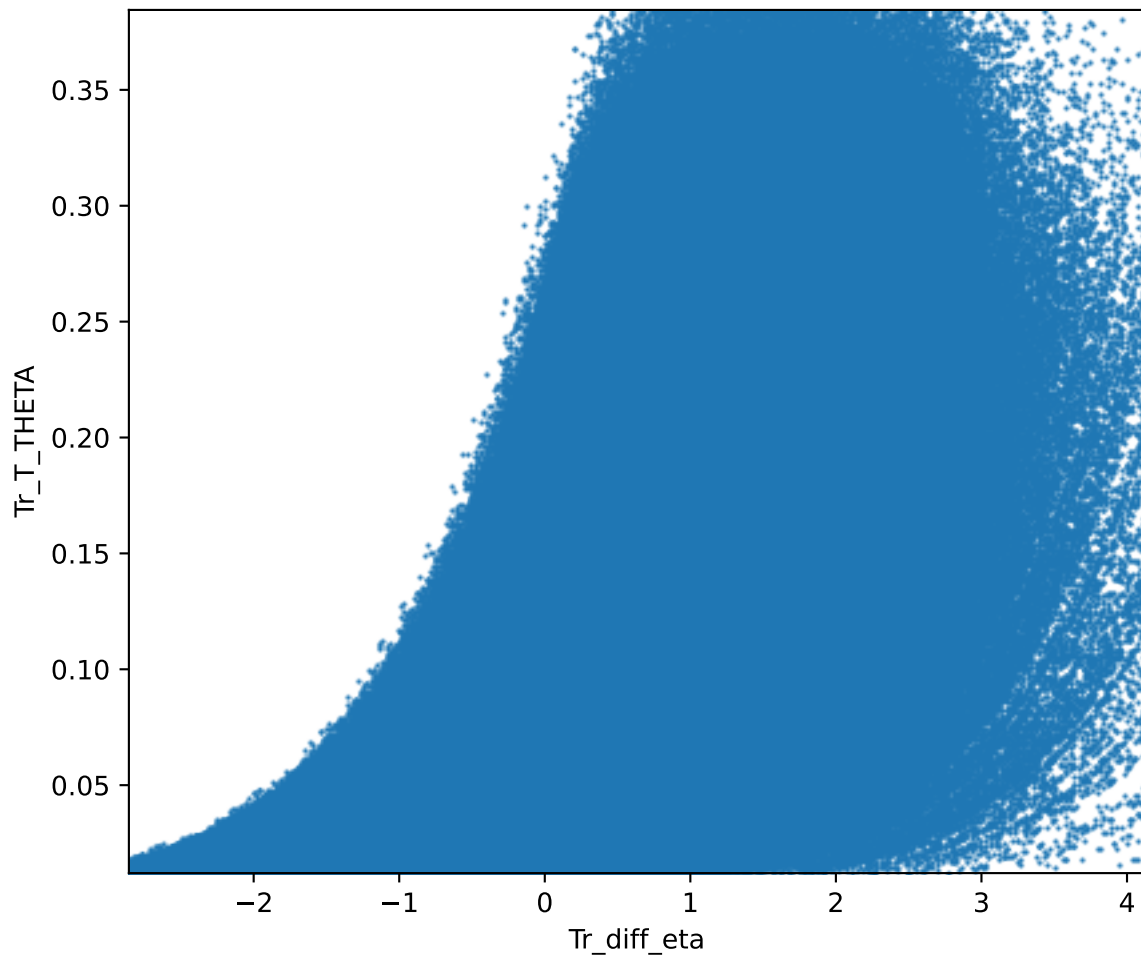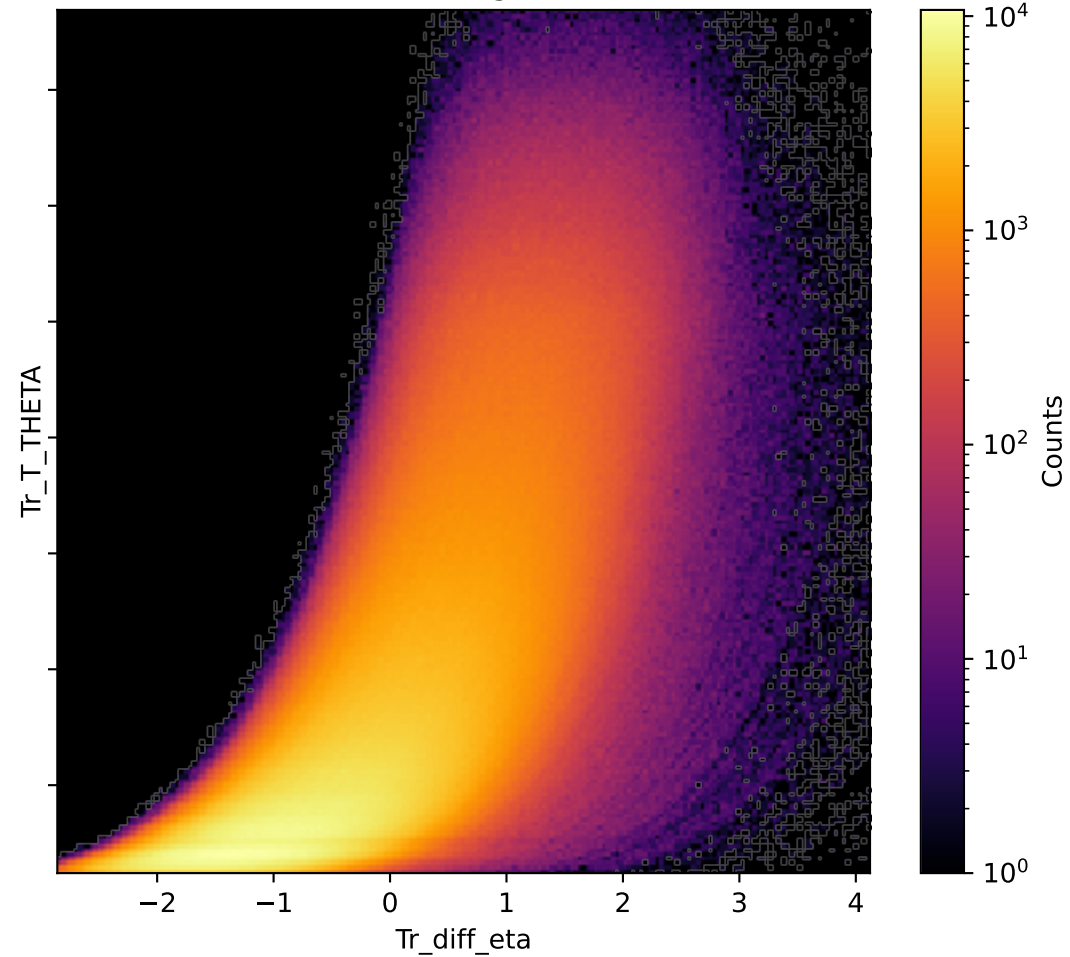Pair Plot ('Tr_T_Best_PAIR_D' vs 'Tr_T_MinIP')
correlation: 0.72542

Pair Plot ('Tr_diff_eta' vs 'Tr_T_THETA')
correlation: 0.72113
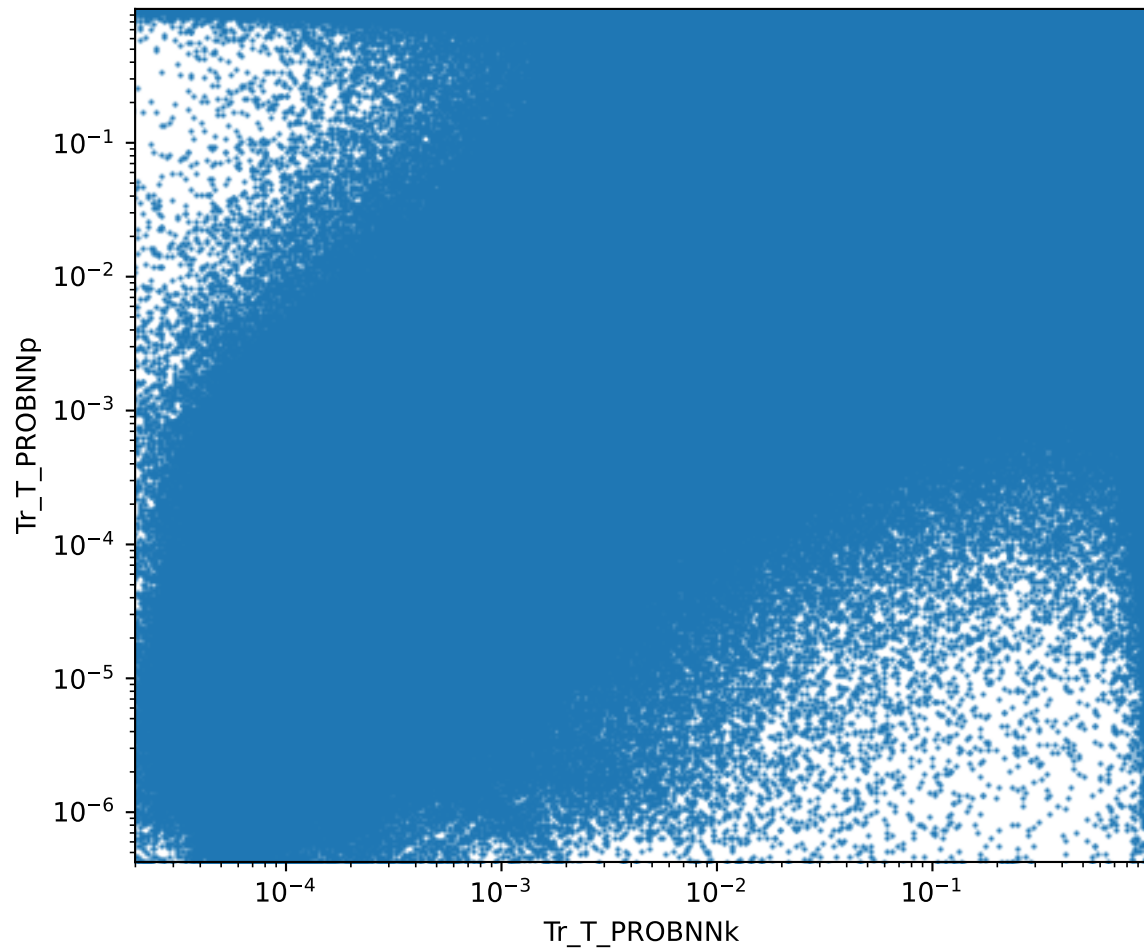
Pair Plot ('Tr_T_PROBNNk' vs 'Tr_T_PROBNNp')
correlation: 0.71382