ROC Curves of Various Transformers on Generated Jet and Particle Data T0 (AUC = 0.97343) $10^{0}$ T1 (AUC = 0.97869)T2 (AUC = 0.97943)T3 (AUC = 0.97990)T4 (AUC = 0.97905)T5 (AUC = 0.98009)  $10^{-1}$ T6 (AUC = 0.97994)Likelihood Ratio (AUC = 0.98308) 10-2 False Positive Rate (FPR)  $10^{-3}$  $10^{-4}$  $10^{-5}$  $10^{-6}$ 0.2 0.8 0.4 1.0 0.0 0.6

True Positive Rate (TPR)