Model output, Full DM trained network on DH HDS $m_{Z'}$ =130 GeV uu model, validation data Background Signal 10^{5} 10^{4} 10³ Events 10² 10^{1} 10° 10^{-1} 10^{-2} 0.2 0.0 0.4 0.6 8.0 1.0 TF output