



tt hdamp  
 tt PS  
 tauRecon\_TOTAL  
 tauEveto\_TOTAL  
 signal PS  
 scale  
 muTrigger\_Syst  
 jvt  
 fakeSF\_3p\_pt2\_w\_jet\_fake\_ss  
 fakeSF\_3p\_pt2\_w\_jet\_fake\_os  
 fakeSF\_3p\_pt2\_b\_fake  
 fakeSF\_3p\_pt1\_w\_jet\_fake\_ss  
 fakeSF\_3p\_pt1\_b\_fake  
 fakeSF\_3p\_pt0\_w\_jet\_fake\_ss  
 fakeSF\_3p\_pt0\_b\_fake  
 fakeSF\_1p\_pt2\_w\_jet\_fake\_ss  
 fakeSF\_1p\_pt2\_w\_jet\_fake\_os  
 fakeSF\_1p\_pt2\_other\_fake  
 fakeSF\_1p\_pt2\_b\_fake  
 fakeSF\_1p\_pt1\_w\_jet\_fake\_ss  
 fakeSF\_1p\_pt1\_b\_fake  
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 TES\_MODEL\_CLOSURE  
 TES\_INSITUFIT  
 TES\_INSITUEXP  
 TES\_DETECTOR  
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 PDF  
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 MET\_SoftTrk\_ResoPerp  
 MET\_SoftTrk\_ResoPara  
 MEDIUM\_tauID\_SYST  
 MEDIUM\_tauID\_3PGE40  
 MEDIUM\_tauID\_1PGE40  
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 JET\_Pileup\_PtTerm  
 JET\_Pileup\_OffsetNPV  
 JET\_Pileup\_OffsetMu  
 JET\_JER\_DataVsMC\_MC16  
 JET\_Flavor\_Response  
 JET\_Flavor\_Composition  
 JET\_EtaInt\_TotalStat  
 JET\_EtaInt\_NonClosure\_2018data  
 JET\_EtaInt\_Modelling  
 JET\_BJES\_Response  
 JES\_Statistical2  
 JES\_Modelling2  
 JES\_Modelling1  
 JES\_Mixed2  
 JER\_6  
 JER\_5  
 JER\_4  
 JER\_3  
 JER\_2  
 JER\_1  
 ISR  
 HttBR  
 FSR  
 EI\_ID\_TightLH  
 EI\_ChargeMisID\_SYST  
 ABCD muon  
 ABCD electron