ATLAS Internal  $\sqrt{s}$ =13 TeV, 140fb<sup>-1</sup> EL\_EFF\_Iso\_TOTAL\_1NPCOR\_PLUS\_UNCOR FATJET\_Medium\_JET\_Rtrk\_Baseline\_pT 8.0 FATJET Medium JET Rtrk Closure pT FATJET\_Medium\_JET\_Rtrk\_Modelling\_pT FATJET\_Medium\_JET\_Rtrk\_Tracking\_pT 0.6 FT\_EFF\_Eigen\_B\_0\_AntiKt4EMTopoJets JET\_CR\_JET\_Flavor\_Composition JET\_CR\_JET\_JER\_EffectiveNP\_1 0.4 JET\_CR\_JET\_JER\_EffectiveNP\_3 XS Dibosons 0.2 XS\_SingleTop XS\_Top\_LP\_lvqq\_Merg XS\_Top\_Merg 0 XS\_Top\_Res XS\_Wjets\_LP\_lvqq\_Merg XS\_Wjets\_Merg -0.2XS\_Wjets\_Res XS\_MJ\_el\_lvqq\_Res -0.4XS\_MJ\_mu\_lvqq\_Res XS\_Zjets\_LP\_lvqq\_Merg XS\_Zjets\_lvqq\_Res -0.6VV\_RFScale\_lvqq\_Merg Viets GenMG Ivgg Merg -0.8Vjets\_GenMG\_lvqq\_Res ttbar\_PH7\_lvqq\_Res ttbar\_aMC\_lvqq\_Res \_AntiKt4EMTopoJets Flavor\_Composition EffectiveNP\_3 XS\_Dibosons XS\_Top\_Res \_Wjets\_LP\_lvqq\_Merg XS\_Wjets\_Merg XS\_Wjets\_Res XS\_MJ\_el\_lvqq\_Res Zjets\_LP\_lvqq\_Merg XS\_Zjets\_lvqq\_Res RFScale\_lvqq\_Merg s\_GenMG\_lvqq\_Merg sts\_GenMG\_lvqq\_Res ttbar\_aMC\_lvqq\_Res XS\_SingleTop LP\_lvqq\_Merg XS\_Top\_Merg XS\_MJ\_mu\_lvqq\_Res ttbar\_PH7\_lvqq\_Res "COR\_PLUS\_UNCOR :T\_Rtrk\_Modelling\_pT JET\_Rtrk\_Closure\_pT Tracking\_p1 EffectiveNP\_ T\_JER\_

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