2L_Zhf_2tag1pfat0pjet_ptvinc_SR_mJIncl 0.16 a.u. / 10.00 [GeV] Sherpa **ATLAS Simulation** $\chi^2 / \text{ndf} = 0.99$ MGPy8 0.14 KS test = 0.020.12 0.1 80.0 0.06 0.04 0.02 Sherpa/MGPy8 1.5 0.5 60 160 180 200 220 80 100 120 140 m_J [GeV]