0L\_Whf\_2tag1pfat0pjet\_ptvinc\_SR\_noaddbjetsr\_mJIncl a.u. / 10.00 [GeV] Sherpa 0.18 **ATLAS Simulation**  $\chi^2$  / ndf = 1.70 MGPy8 0.16 KS test = 0.65 0.14 0.12 0.1 0.08 0.06 0.04 0.02 Λ Sherpa/MGPy8 1.5 0.5 60 120 160 200 220 80 100 140 180 m, [GeV]