CMS Preliminary CMS R₃₂ preliminary, $\sqrt{s} = 8$ TeV, $\alpha_s(M_z) = 0.1150^{+0.0055}_{-0.0022}$ 0.28 – CMS R₃₂ preliminary, √s = 8TeV \rightarrow CMS Incl.Jet , \sqrt{s} = 8TeV 0.26 CMS R₃₂ , √s = 7TeV CMS Incl.Jet , √s = 7TeV 0.24 ___ CMS tt̄ , √s = 7TeV 0.22 → ATLAS TEEC, √s = 7 TeV 0.2 - D0 Incl.Jet ── D0 Angular Correlation 0.18 <u>→</u> H1 **⊸** ZEUS 0.16 World Avg $\alpha_s(M_{\bar{s}}) = 0.1181 \pm 0.0011$ 0.14 0.12 0.1 80.0 20 30 300 2000 678 10 40 200 1000 100 Q (GeV)