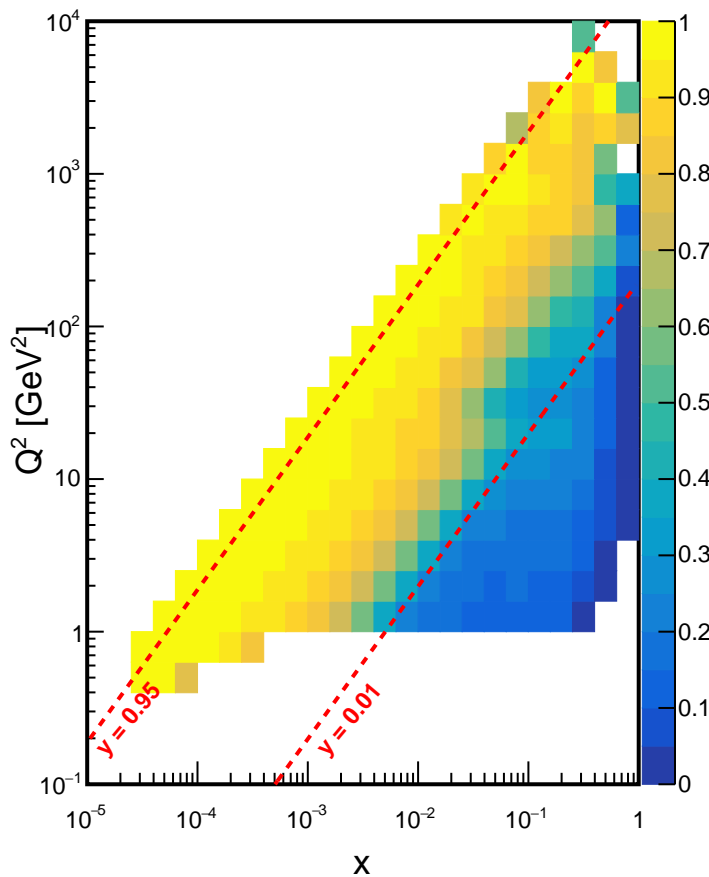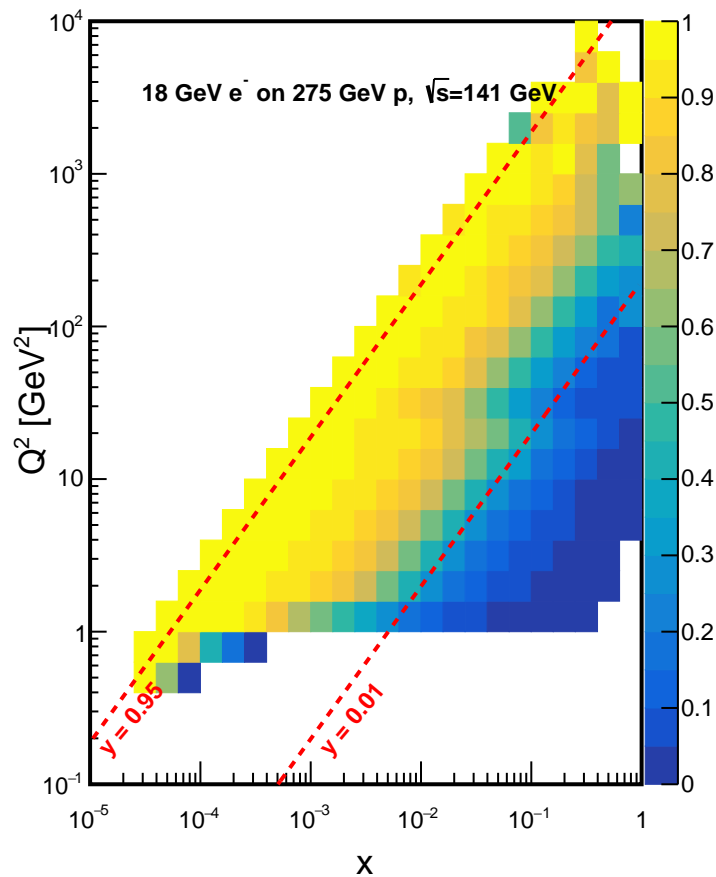**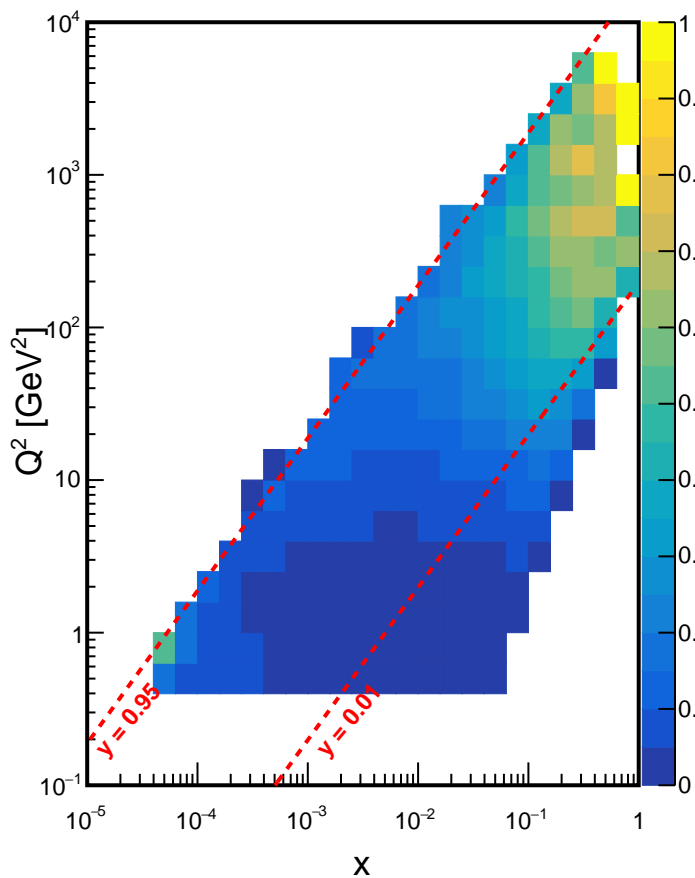Electron Method (optimized calculation) Puri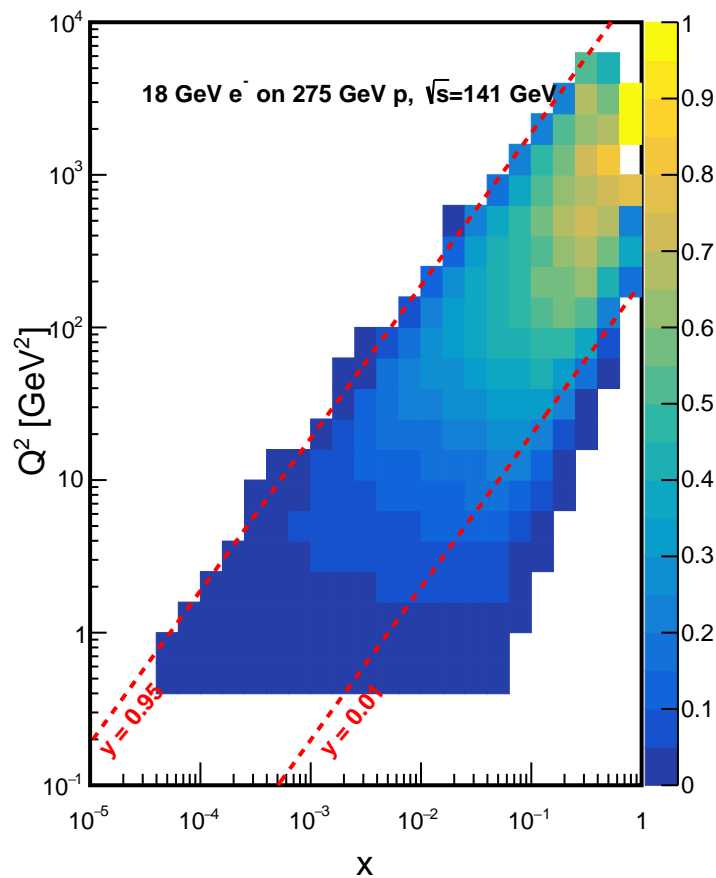ty** and **Electron Method (optimized calculation) Stability** as functions of $x$ and $Q^2$ [GeV$^2$], for 18 GeV e$^-$ on 275 GeV p, $\sqrt{s}$=141 GeV. Red dashed lines indicate $y = 0.95$ and $y = 0.01$.

JB Method Purity

JB Method Stability

18 GeV e⁻ on 275 GeV p, √s=141 GeV
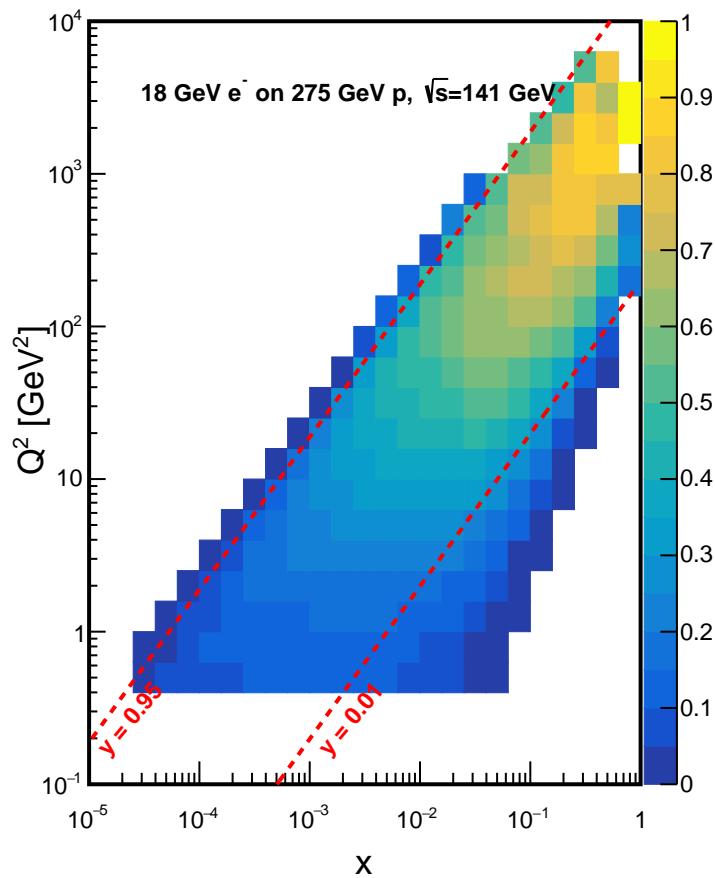
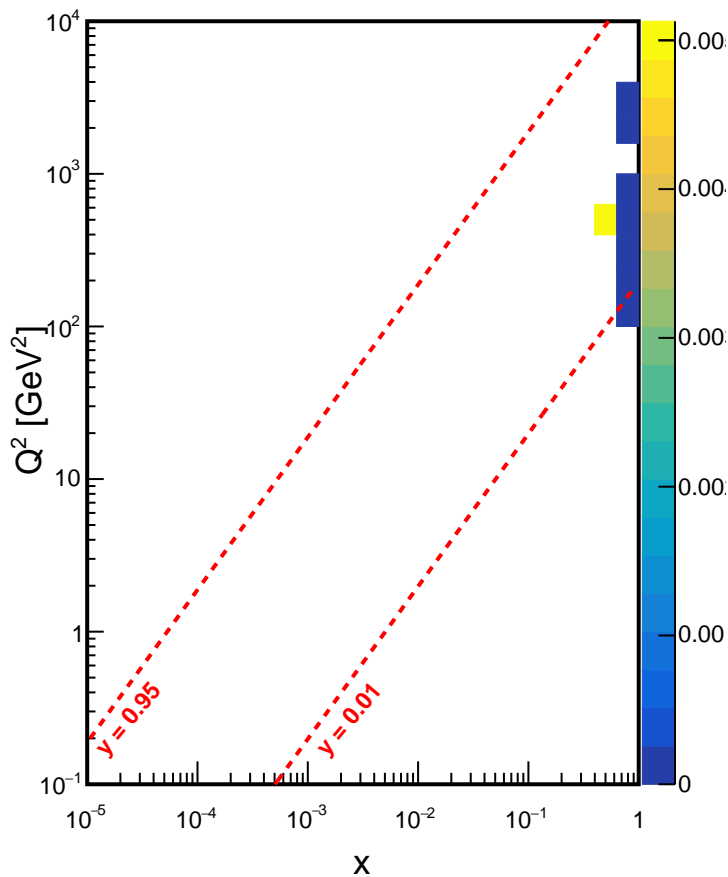JB Method Purity (Summing over all particles)

JB Method Stability (Summing over all particles)

**18 GeV e⁻ on 275 GeV p, √s=141 GeV**
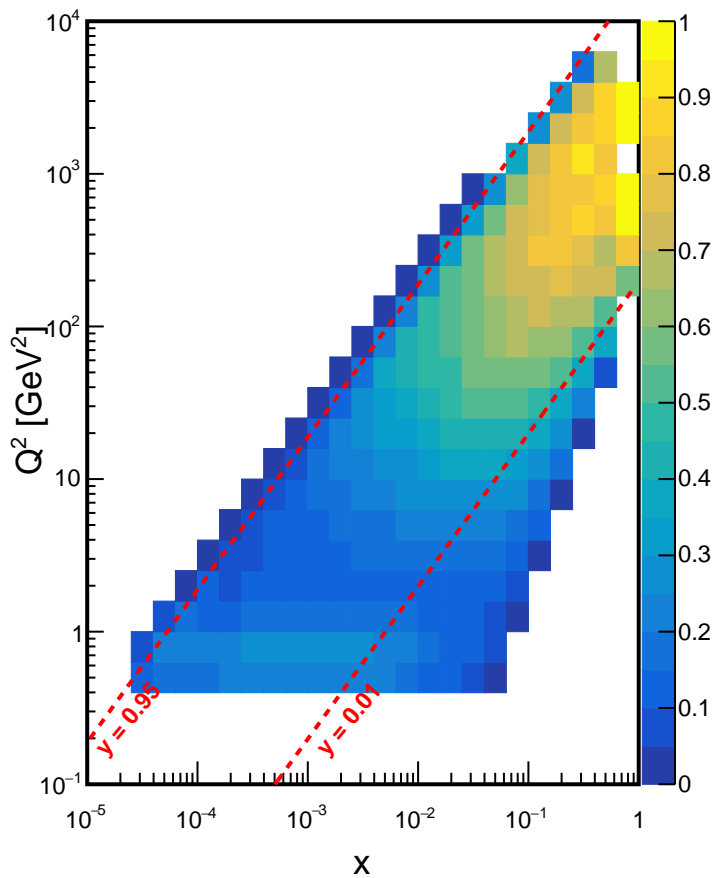
Purity: using 4-momentum of X  ·  Stability: using 4-momentum of X

18 GeV e⁻ on 275 GeV p, √s=141 GeV
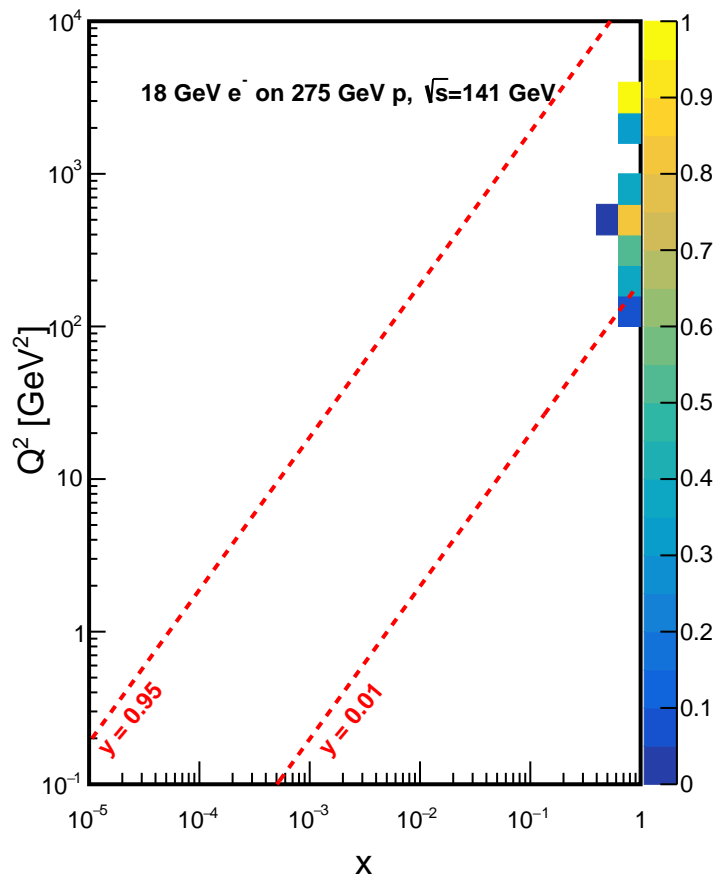
**DA Method Purity**

**DA Method Stability**

18 GeV e⁻ on 275 GeV p, √s=141 GeV
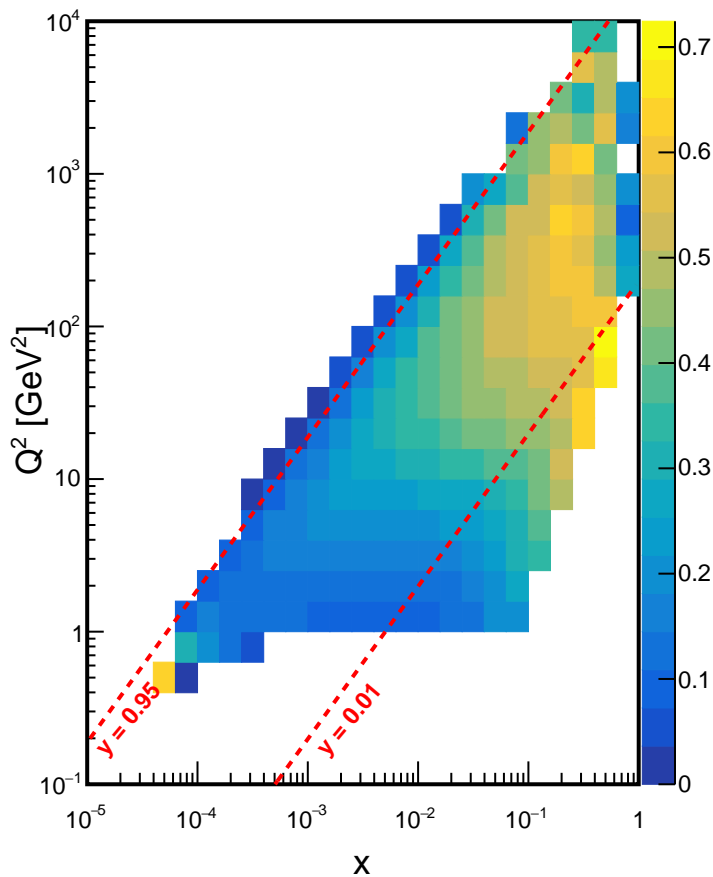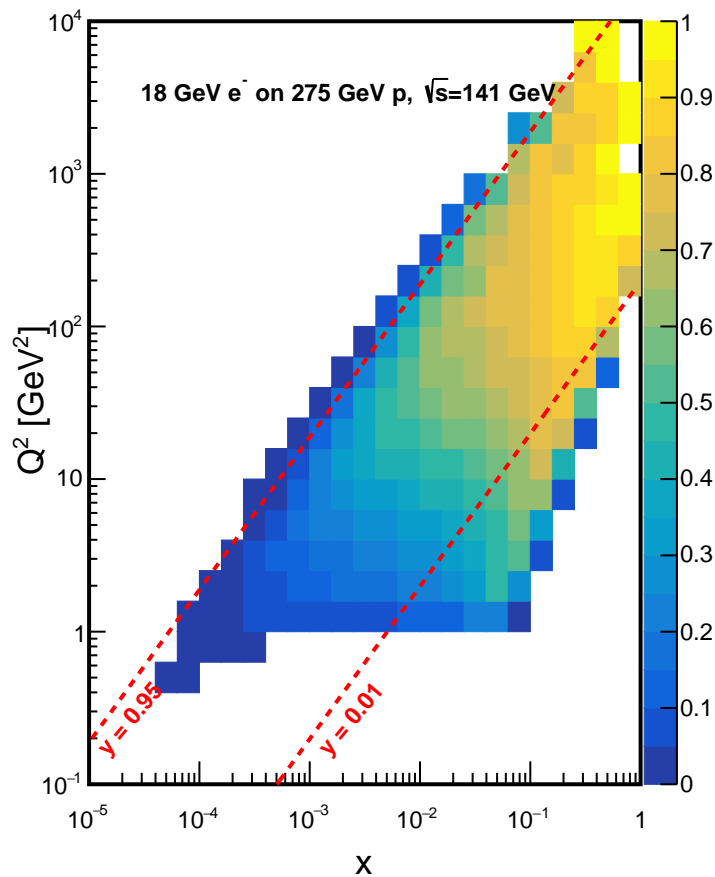
**DA Method Purity (Summing over all particles)** — **DA Method Stability (Summing over all particles)**

18 GeV e⁻ on 275 GeV p, √s=141 GeV