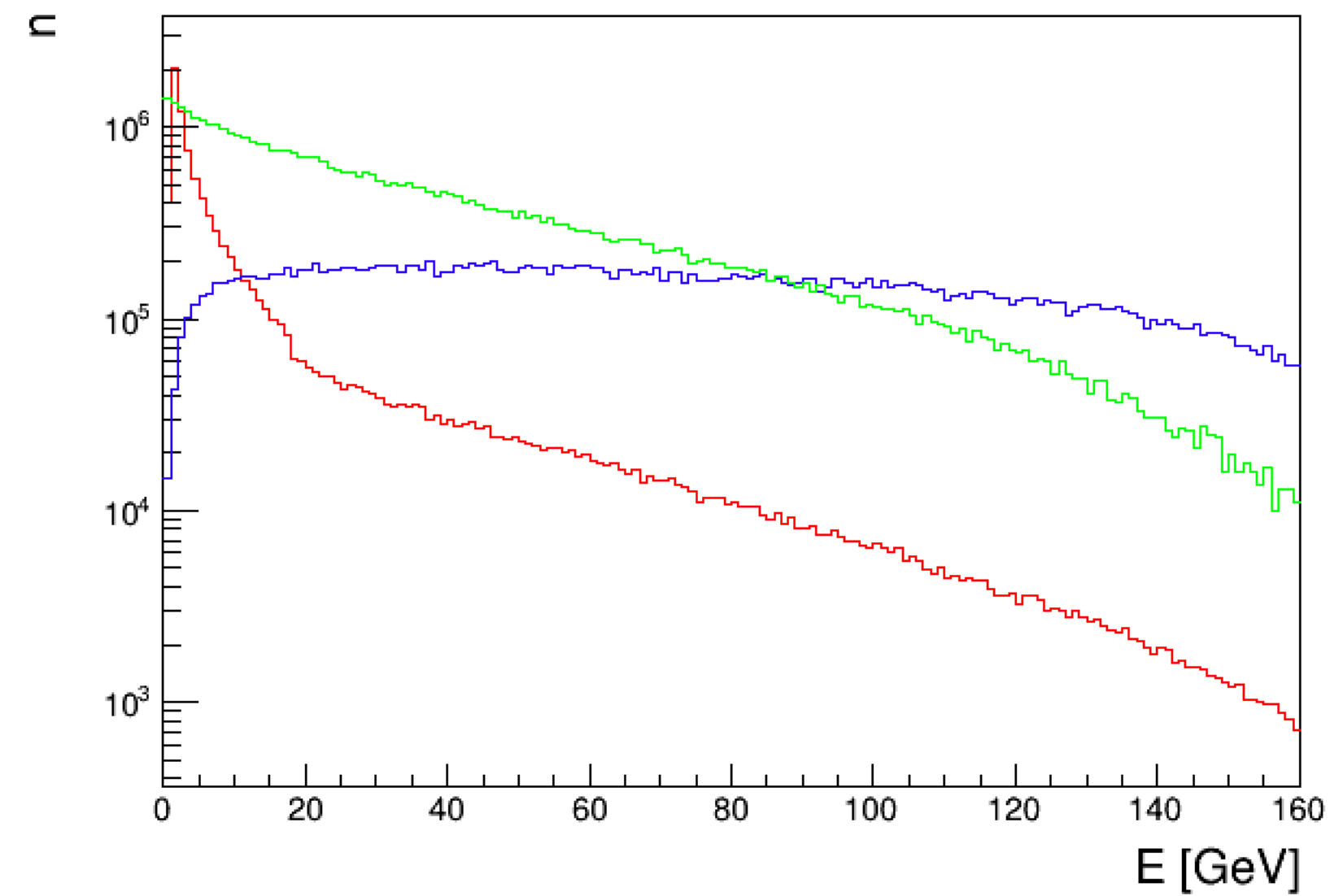# DVCS and DVMP $\pi^0$ ● 18 GeV x 275 GeV ● Energy:

**No cuts**
**No smearing**
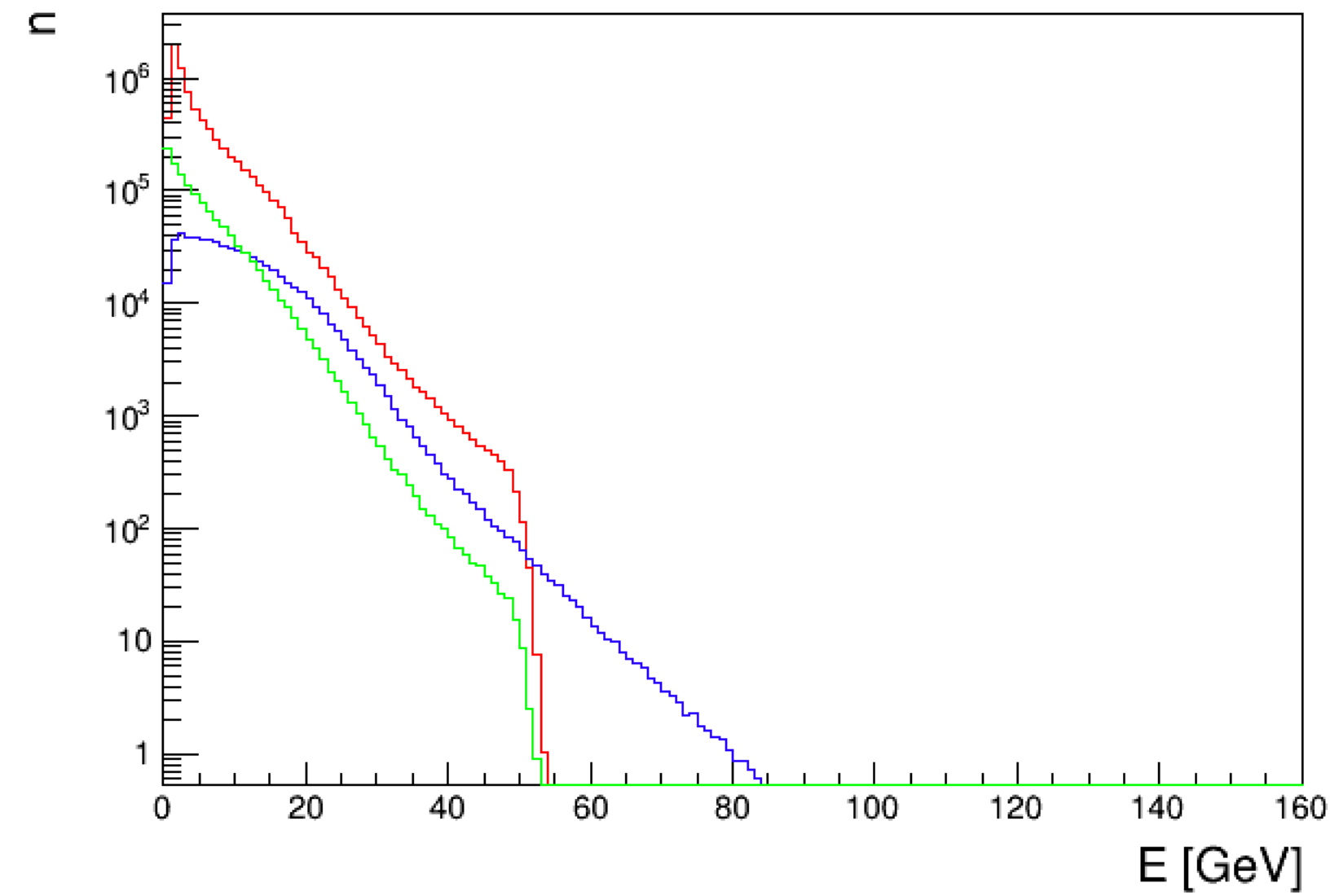
**E < 50 GeV**
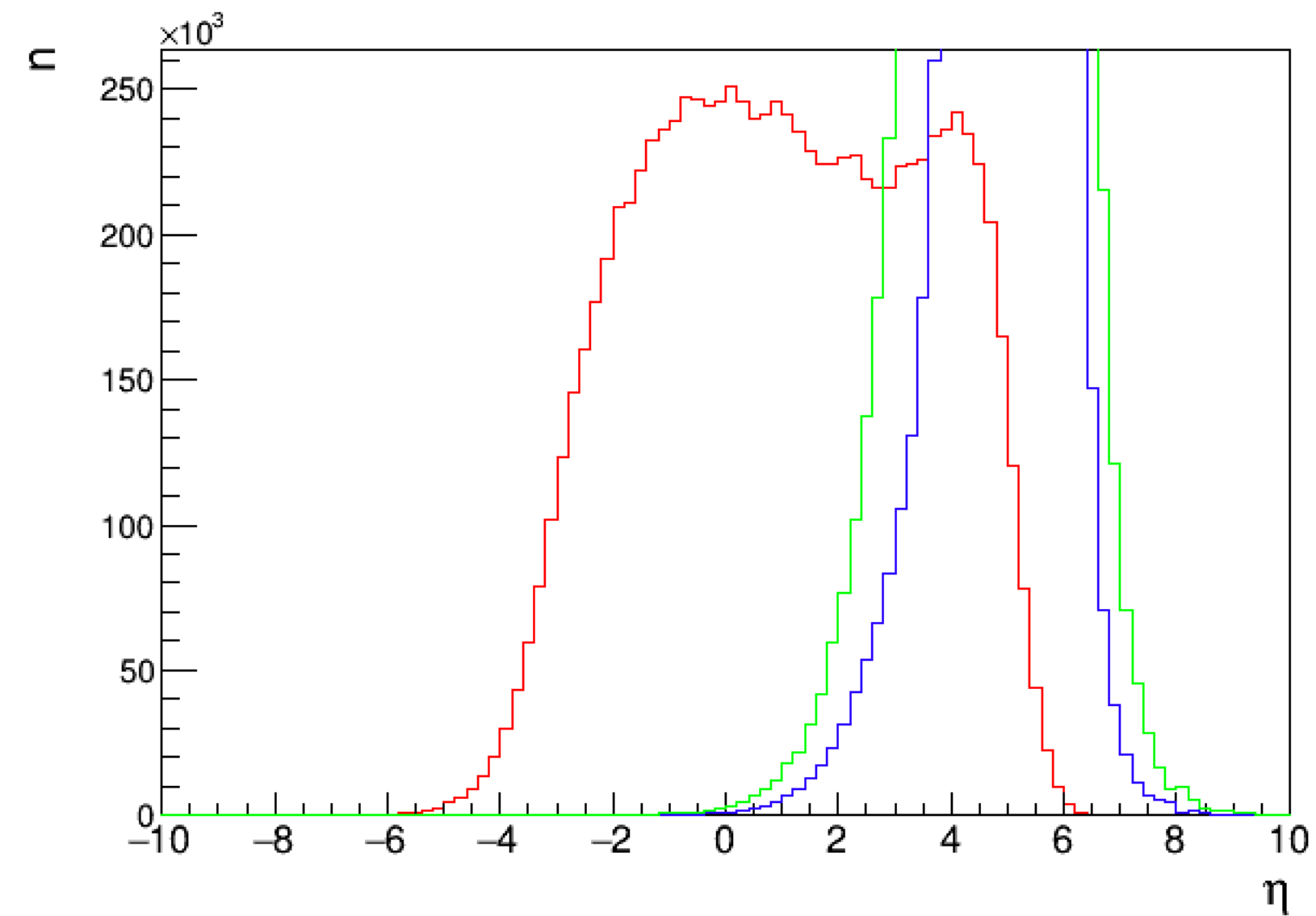**η < 3.5**
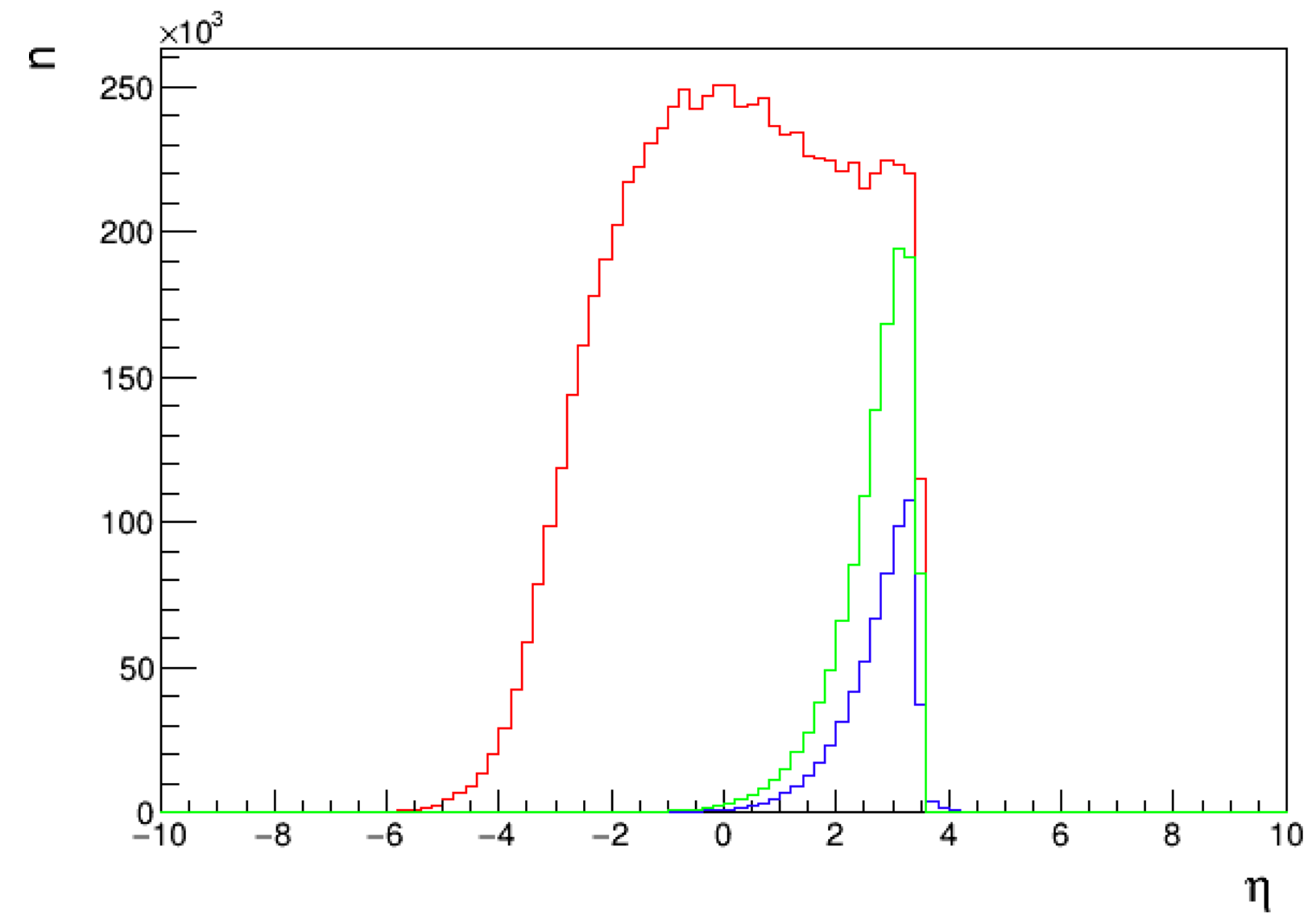**$\Delta E\gamma/E\gamma = 12\%/\sqrt{E} \oplus 2\%$**



**DVCS $\gamma$**
**DVMP $\pi^0$**
**$\gamma$ from**
**DVMP $\pi^0$ decay**

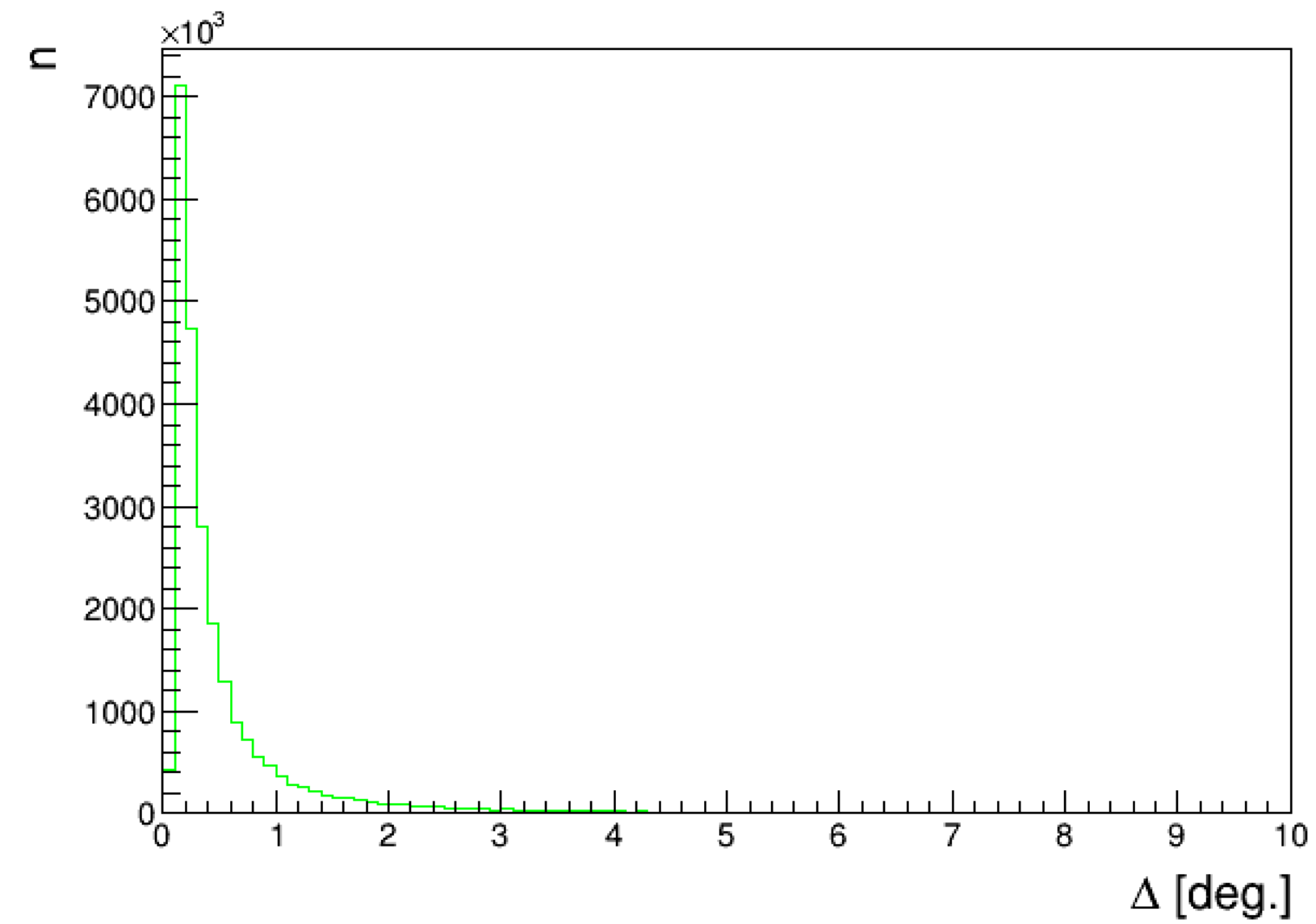# DVCS and DVMP $\pi^0$ ● 18 GeV x 275 GeV ● Pseudo-rapidity:

**No cuts**
**No smearing**

**E < 50 GeV**
**η < 3.5**
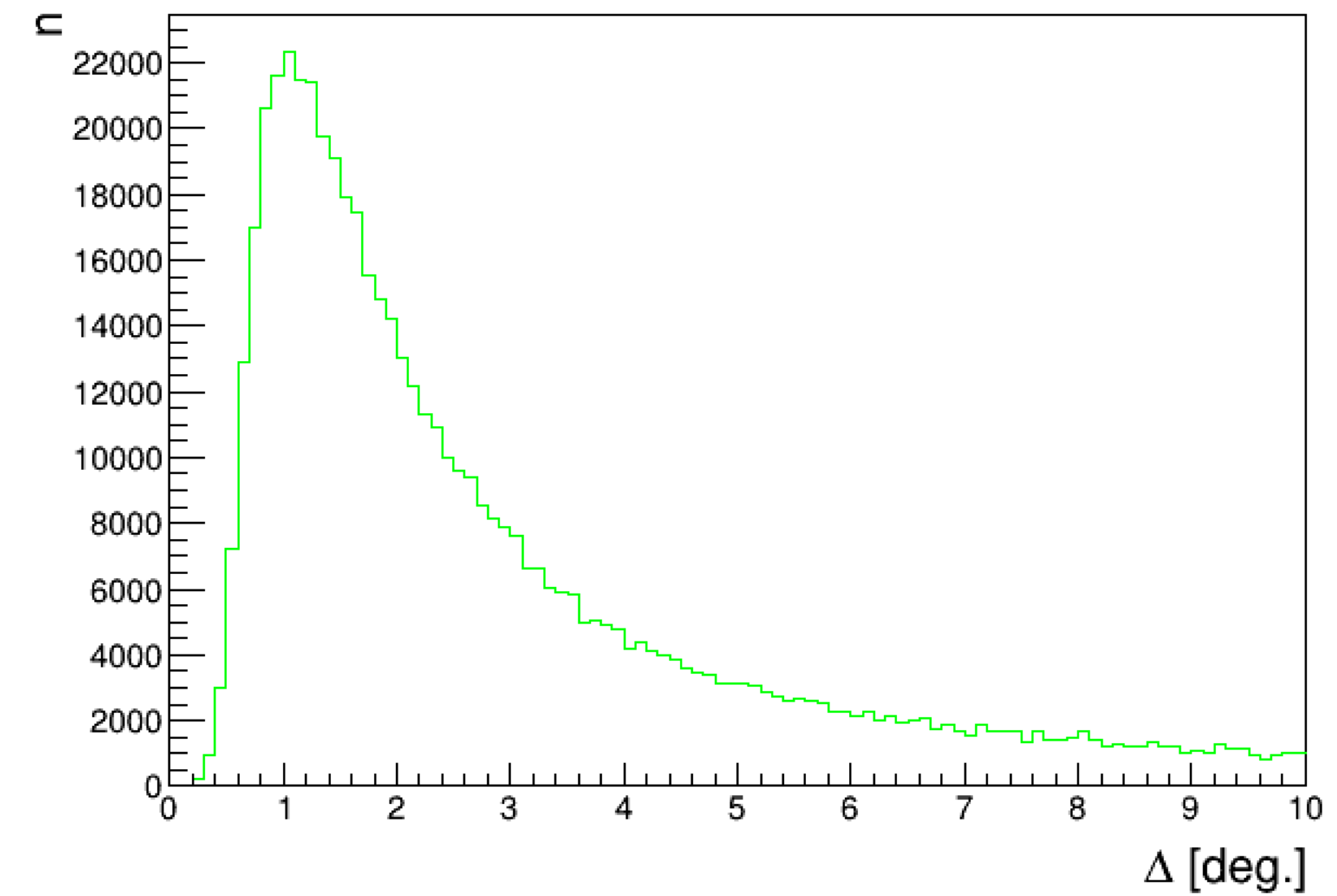**$\Delta E_\gamma / E_\gamma = 12\% / \sqrt{E} \oplus 2\%$**



**DVCS $\gamma$**
**DVMP $\pi^0$**
**$\gamma$ from**
**DVMP $\pi^0$ decay**

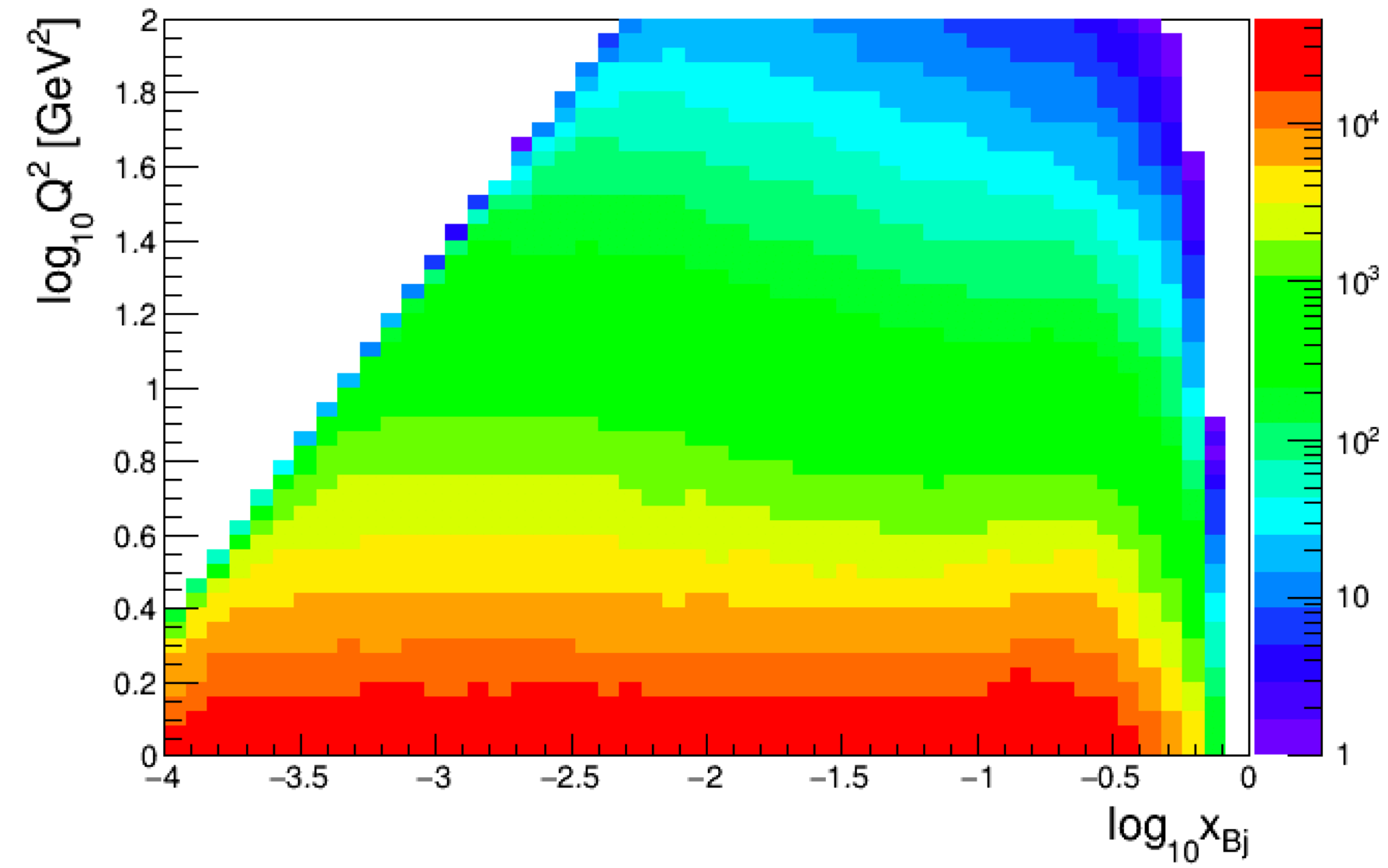# DVMP $\pi^0$ • 18 GeV x 275 GeV • Opening angle between two decay photons:

**No cuts**
**No smearing**

**E < 50 GeV**
**η < 3.5**
**ΔEγ/Eγ = 12%/√E ⊕ 2%**

# DVCS • 18 GeV x 275 GeV • xBj vs. Q2:

**No cuts**
**No smearing**

**E < 50 GeV**
**η < 3.5**
**ΔEγ/Eγ = 12%/√E ⊕ 2%**
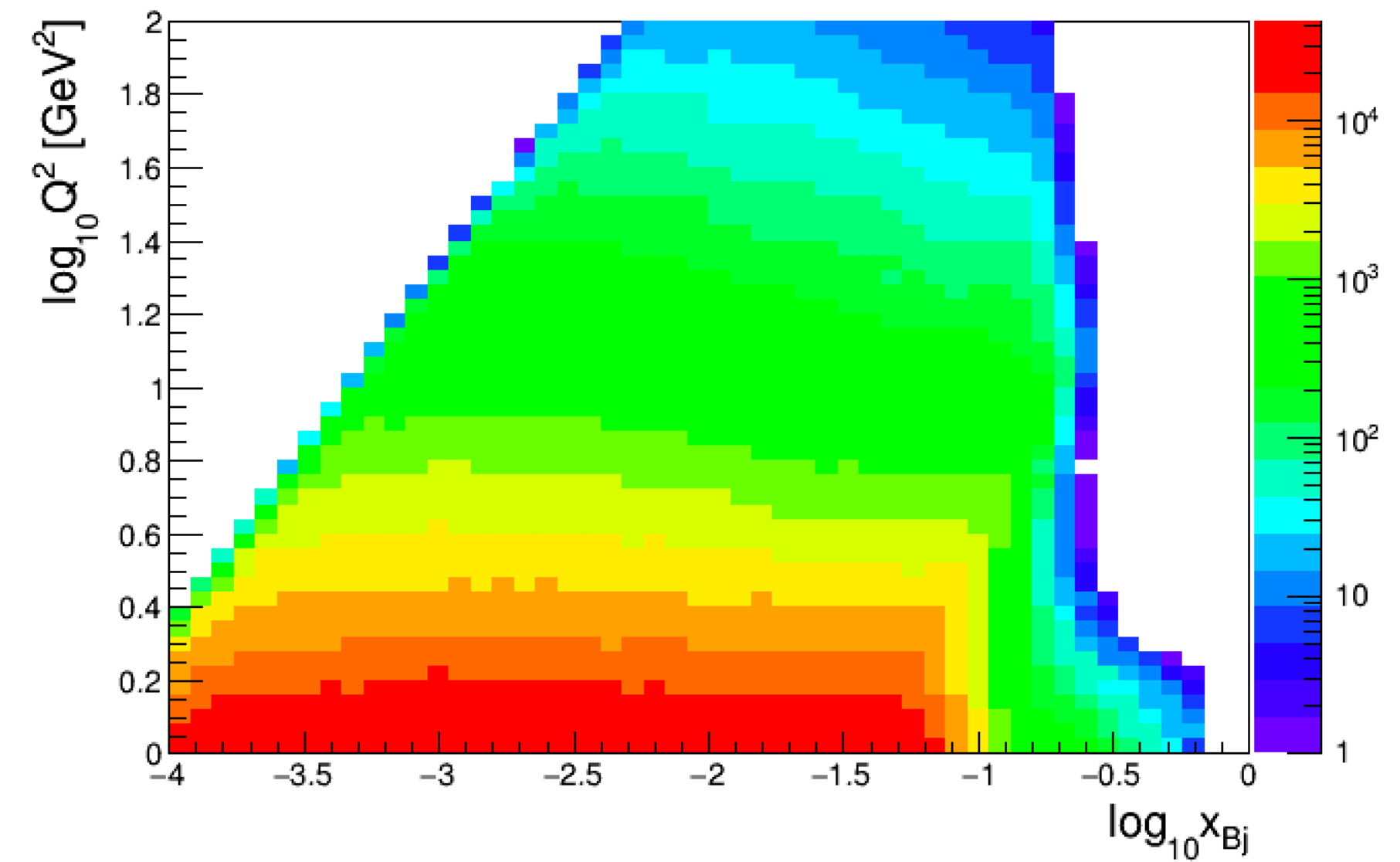
# DVMP $\pi^0$ • 18 GeV x 275 GeV • xBj vs. Q2:

**No cuts**
**No smearing**
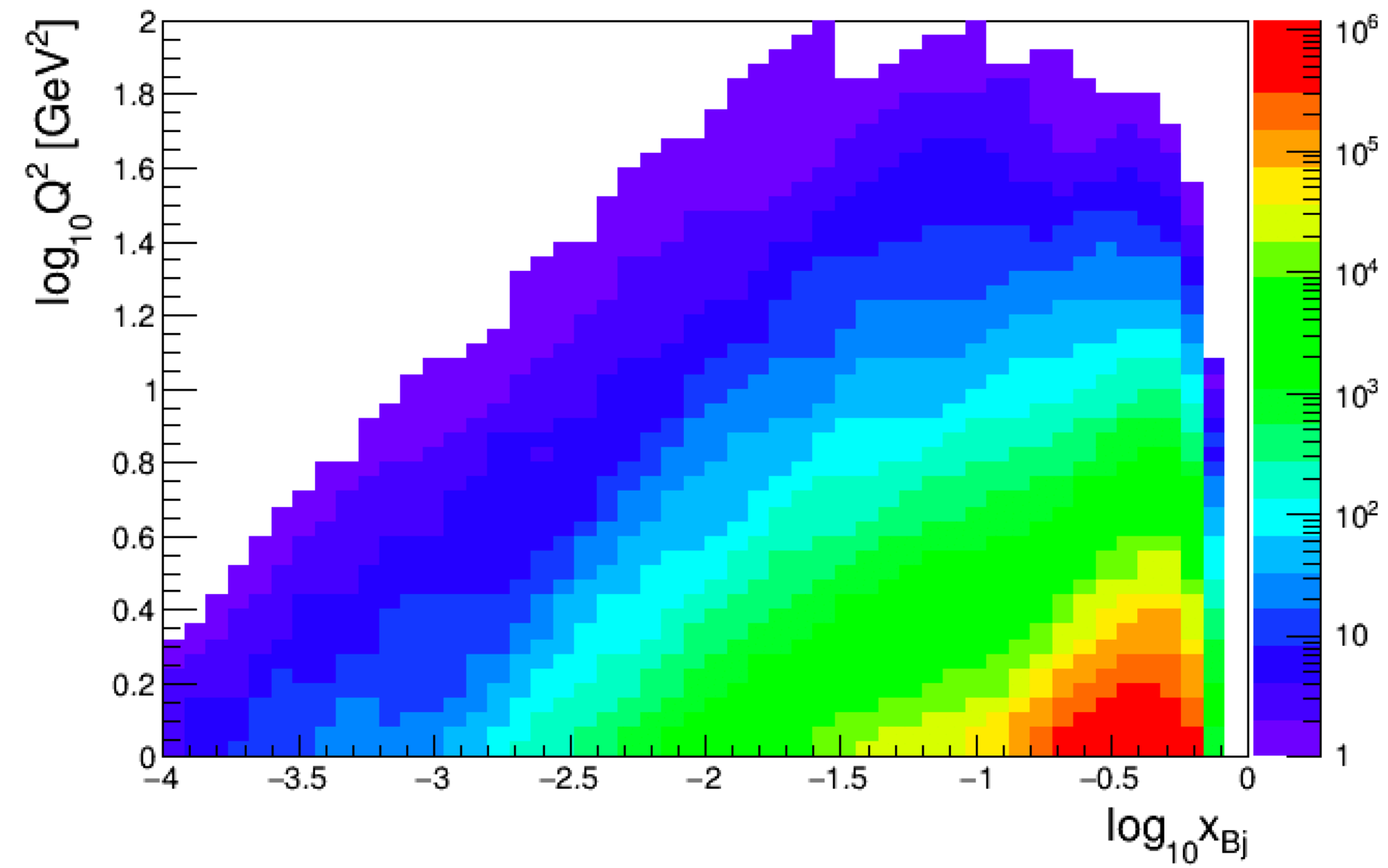
**E < 50 GeV**
**η < 3.5**
**ΔEγ/Eγ = 12%/√E ⊕ 2%**
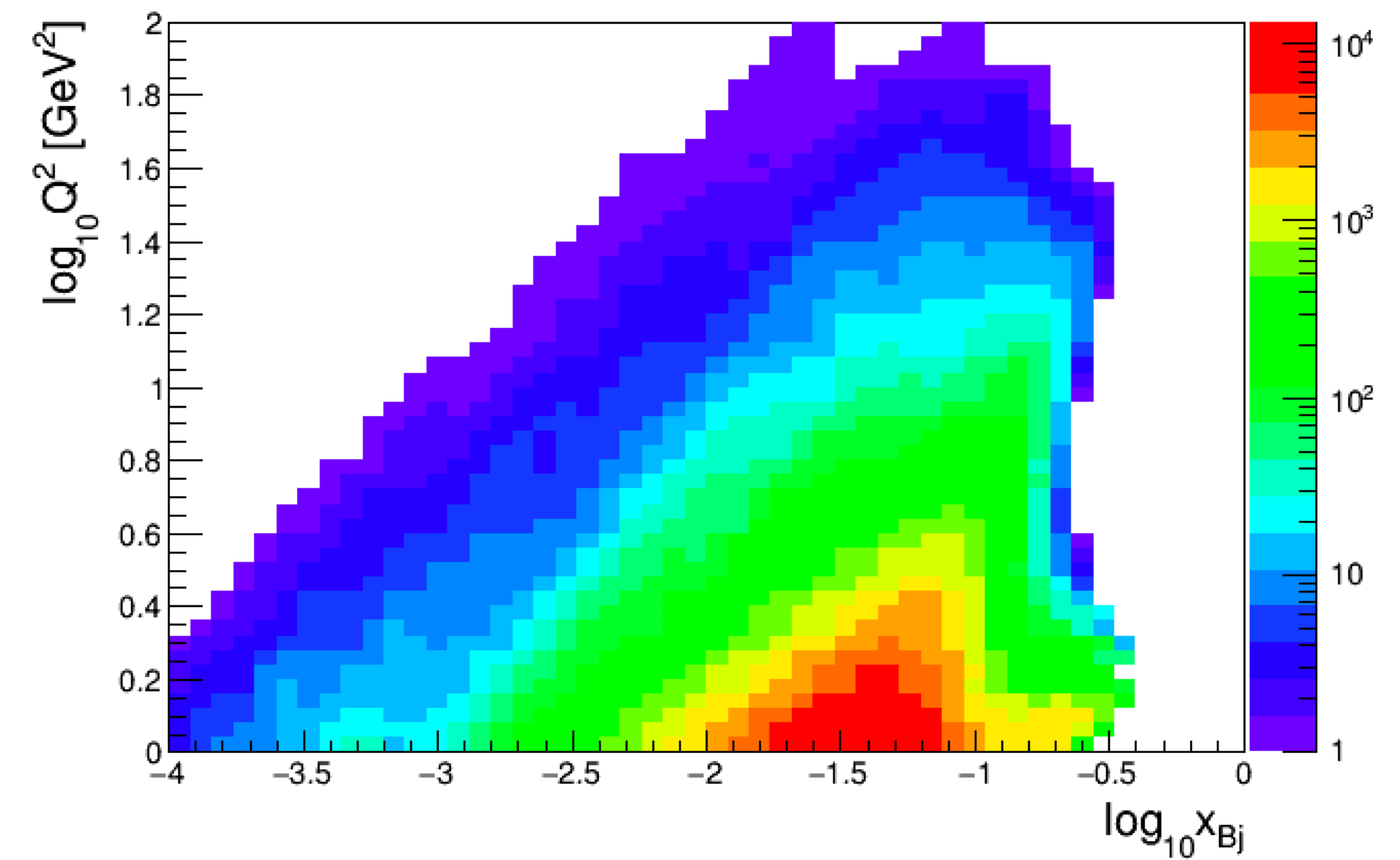
# DVMP $\pi^0$ • 18 GeV x 275 GeV • Invariant mass of two photons vs. their energy:

**No cuts
No smearing**

**E < 50 GeV
η < 3.5
ΔEγ/Eγ = 12%/√E ⊕ 2%**