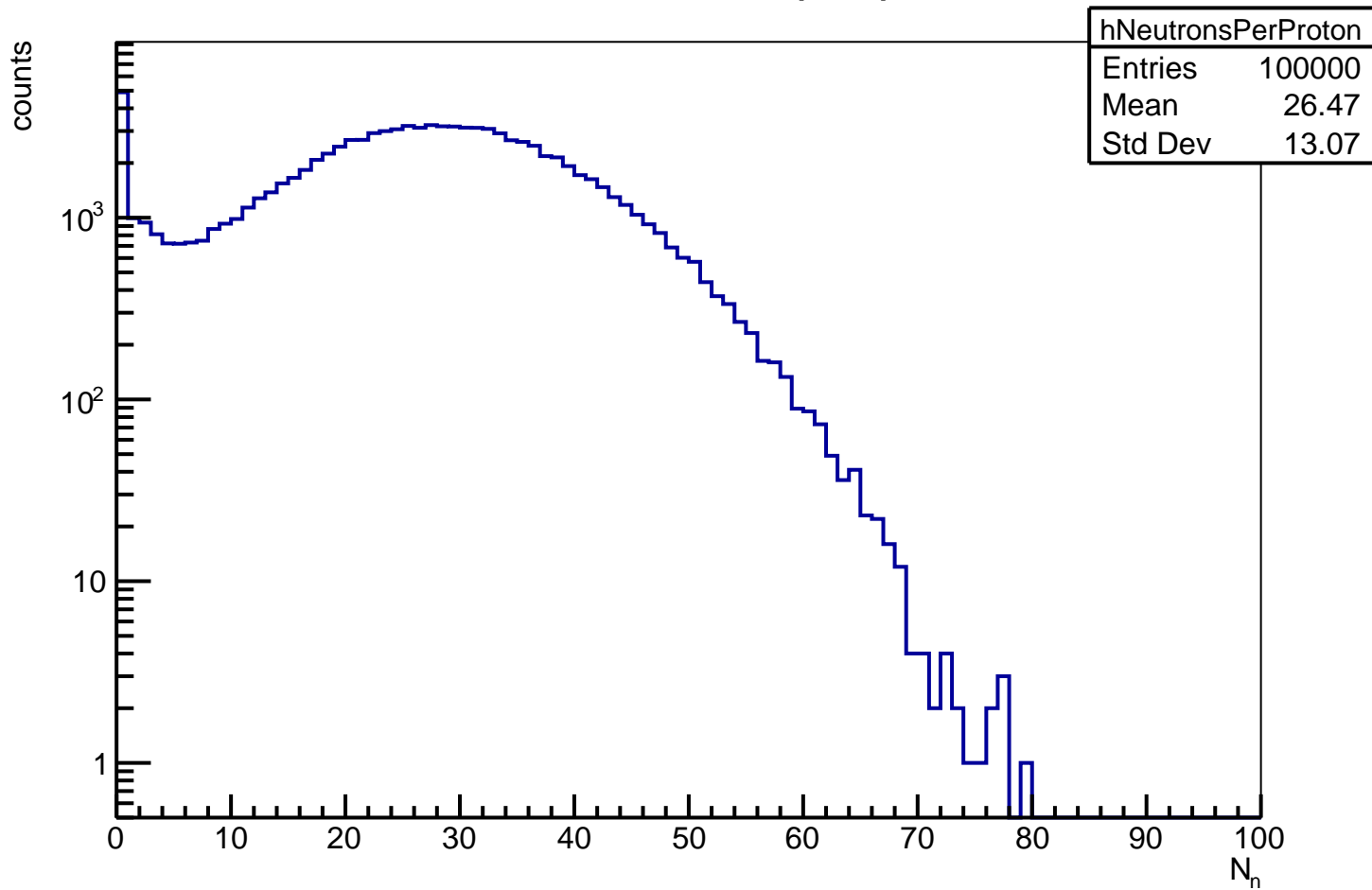# Number of neutrons per proton
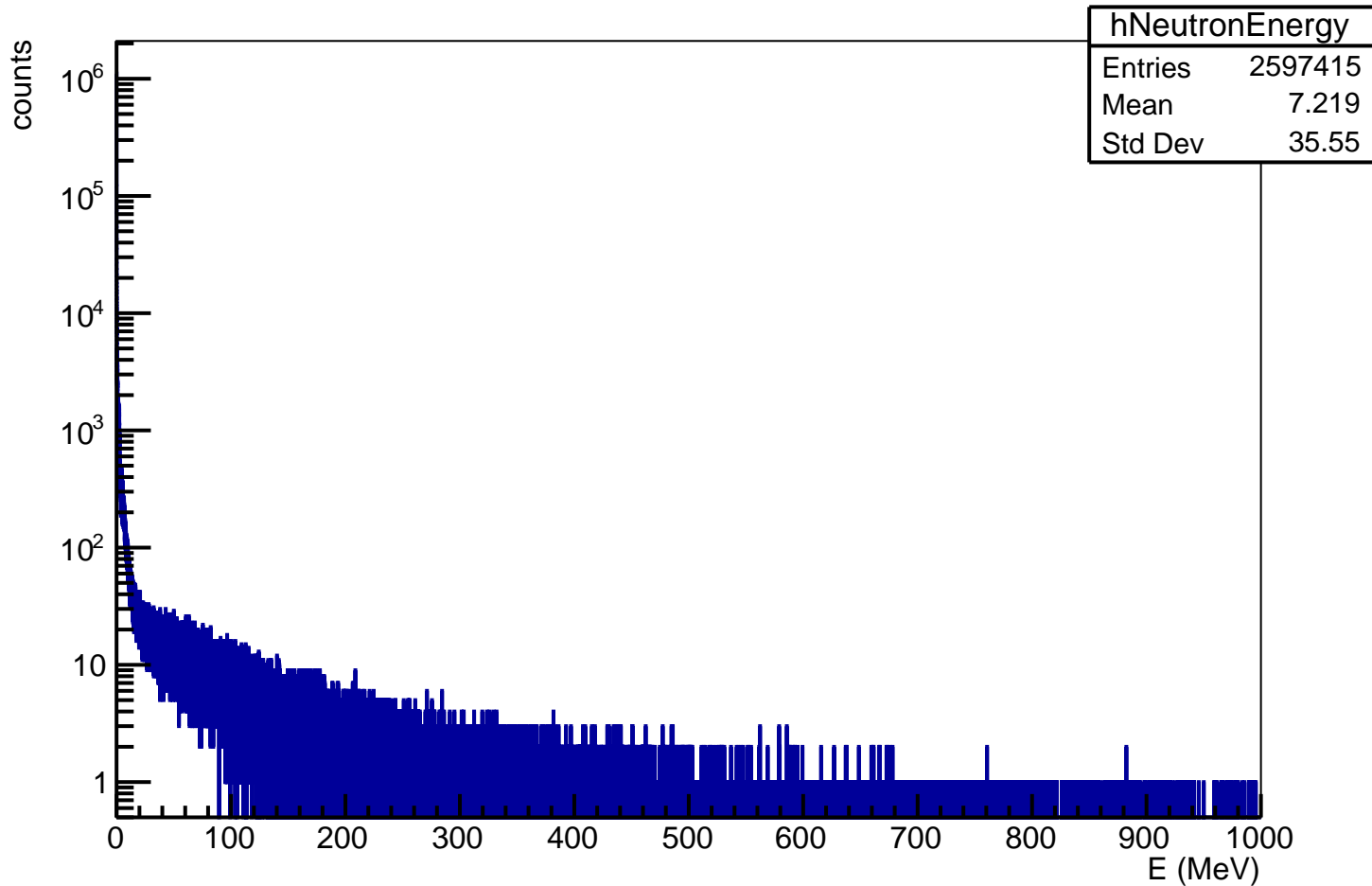


| hNeutronsPerProton | |
| --- | --- |
| Entries | 100000 |
| Mean | 26.47 |
| Std Dev | 13.07 |

counts

$N_n$

# Neutron Energy



| hNeutronLogEnergy | |
|---|---|
| Entries | 2597415 |
| Mean | −1.898 |
| Std Dev | 2.35 |

counts

$Log_{10}(E\ (MeV))$

Neutron Energy

| hNeutronLogEnergy | |
|---|---|
| Entries | 2597415 |
| Mean | −1.898 |
| Std Dev | 2.35 |

counts

$Log_{10}(E \ (MeV))$

# NeutronEnergy



| hNeutronEnergy | |
|---|---|
| Entries | 2597415 |
| Mean | 7.219 |
| Std Dev | 35.55 |

Neutron angular distribution

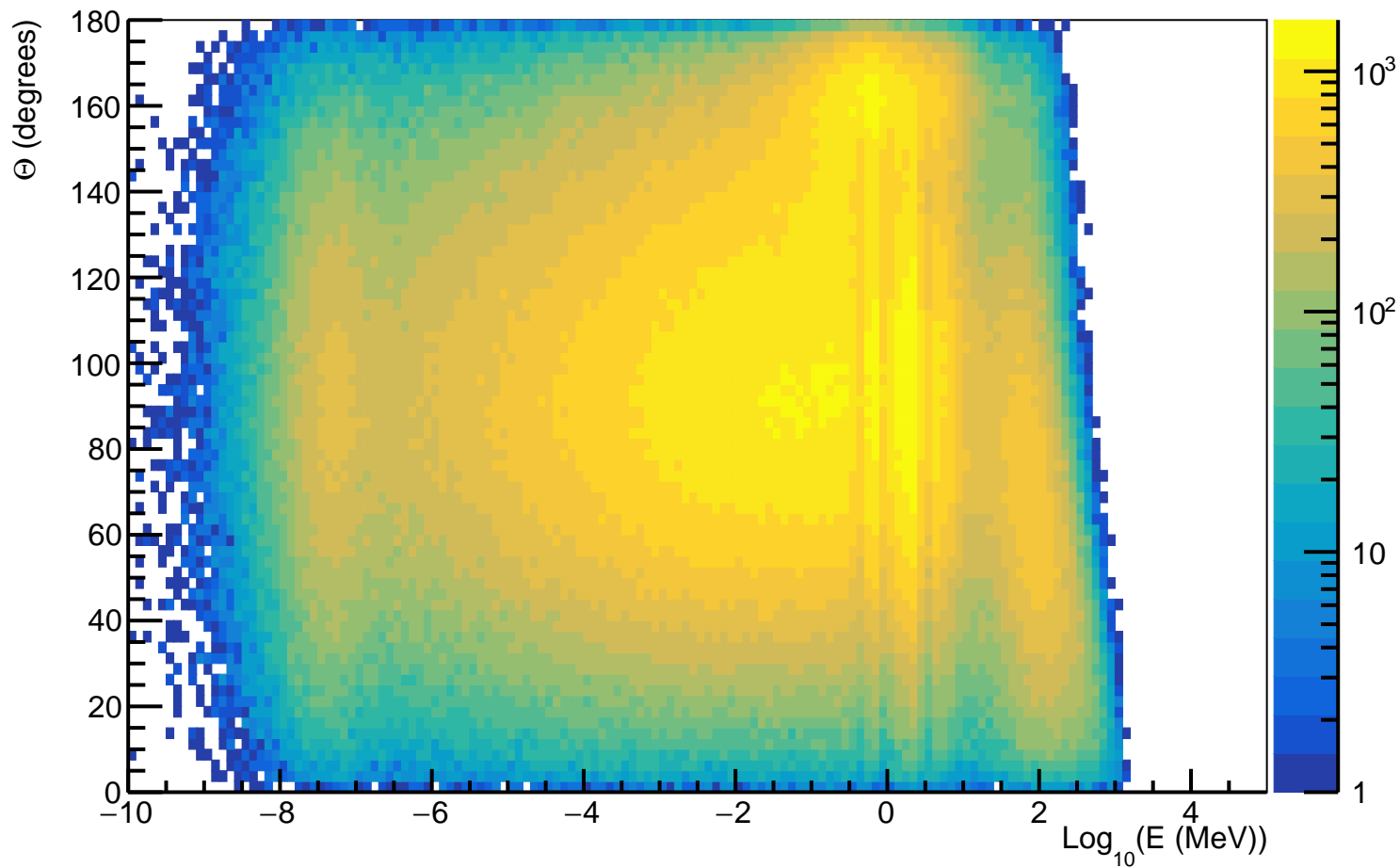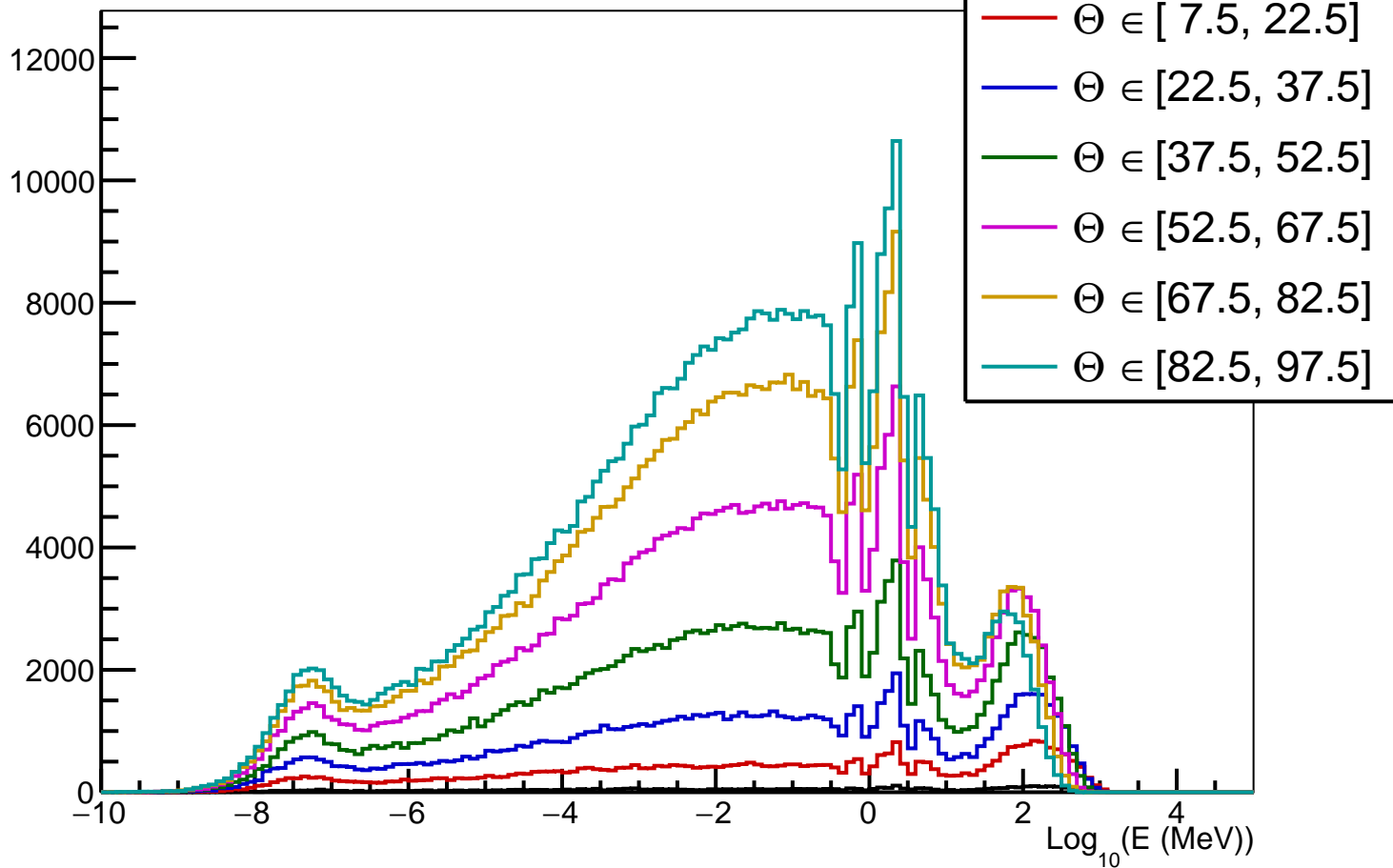| hNeutronCosTh | |
|---|---|
| Entries | 2597415 |
| Mean | −0.1107 |
| Std Dev | 0.5461 |
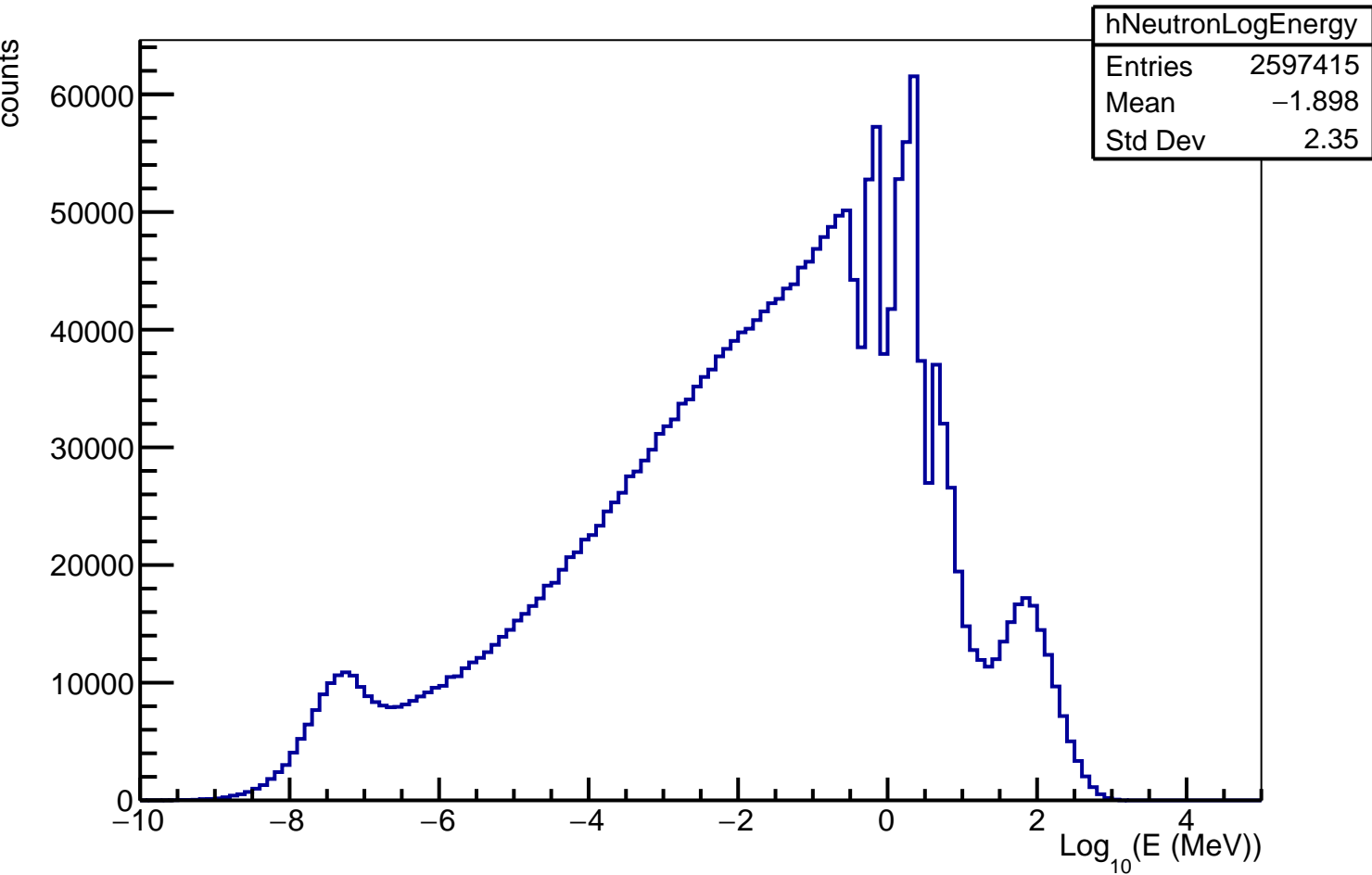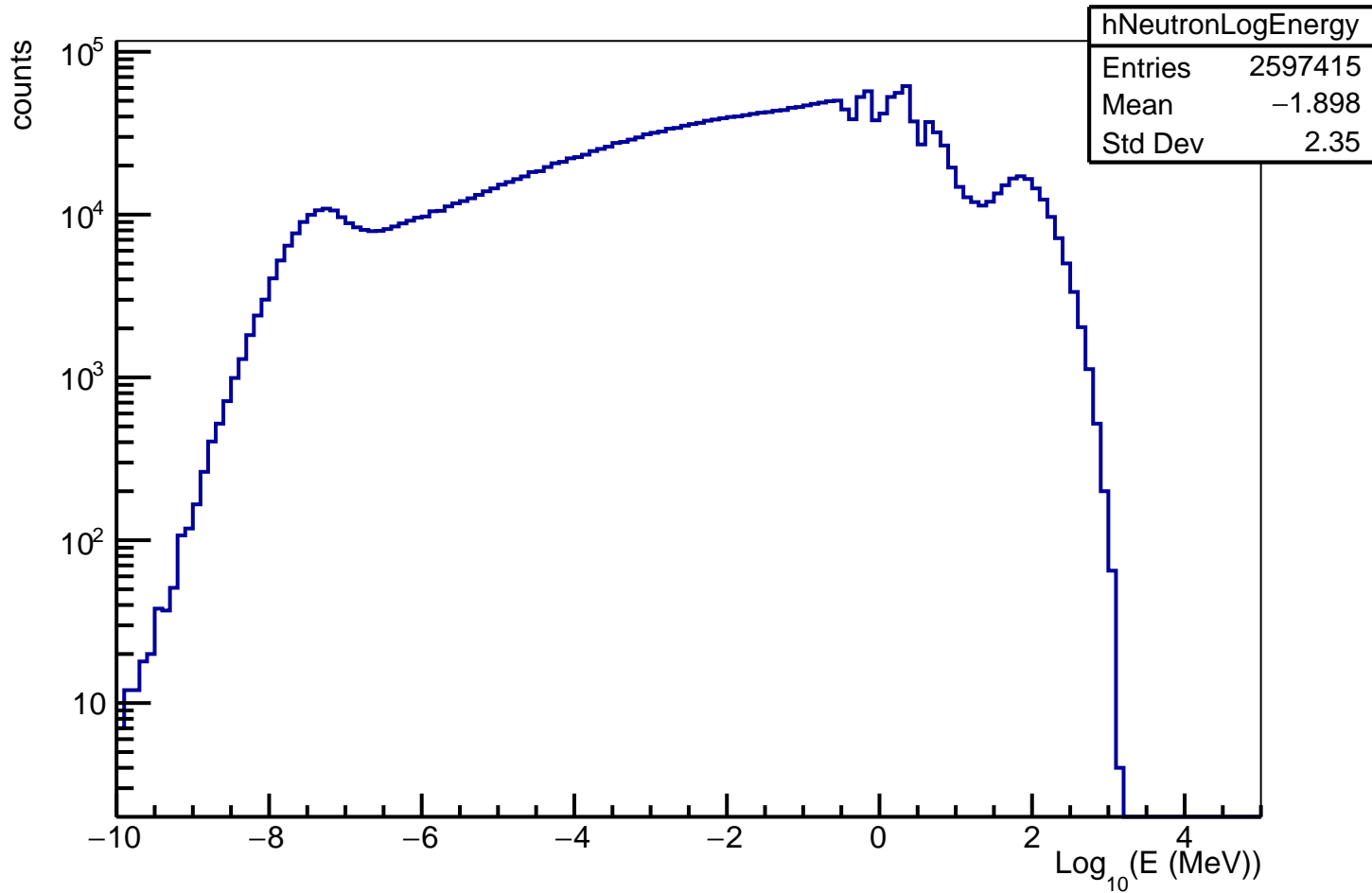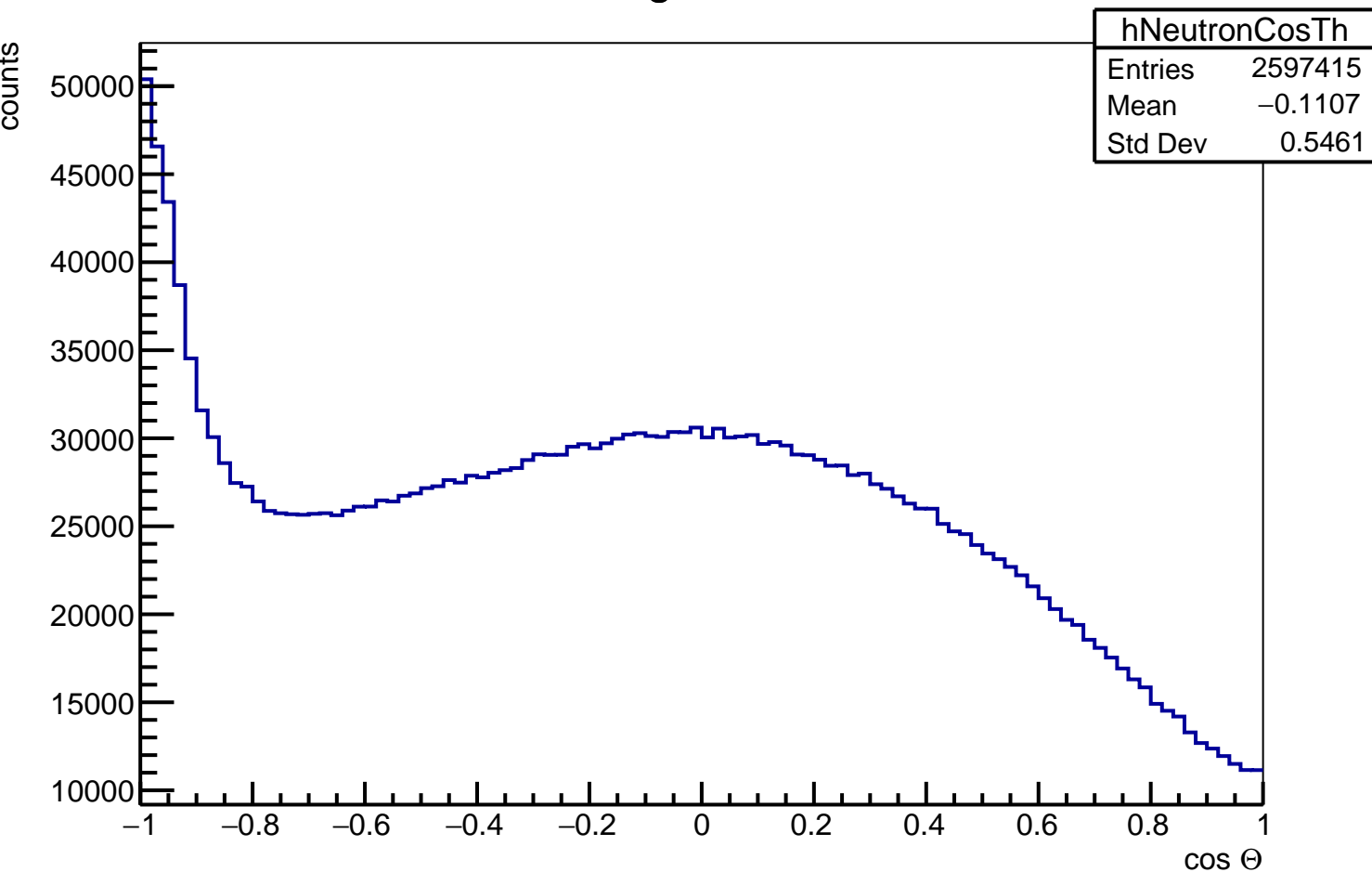
Neutron angular distribution
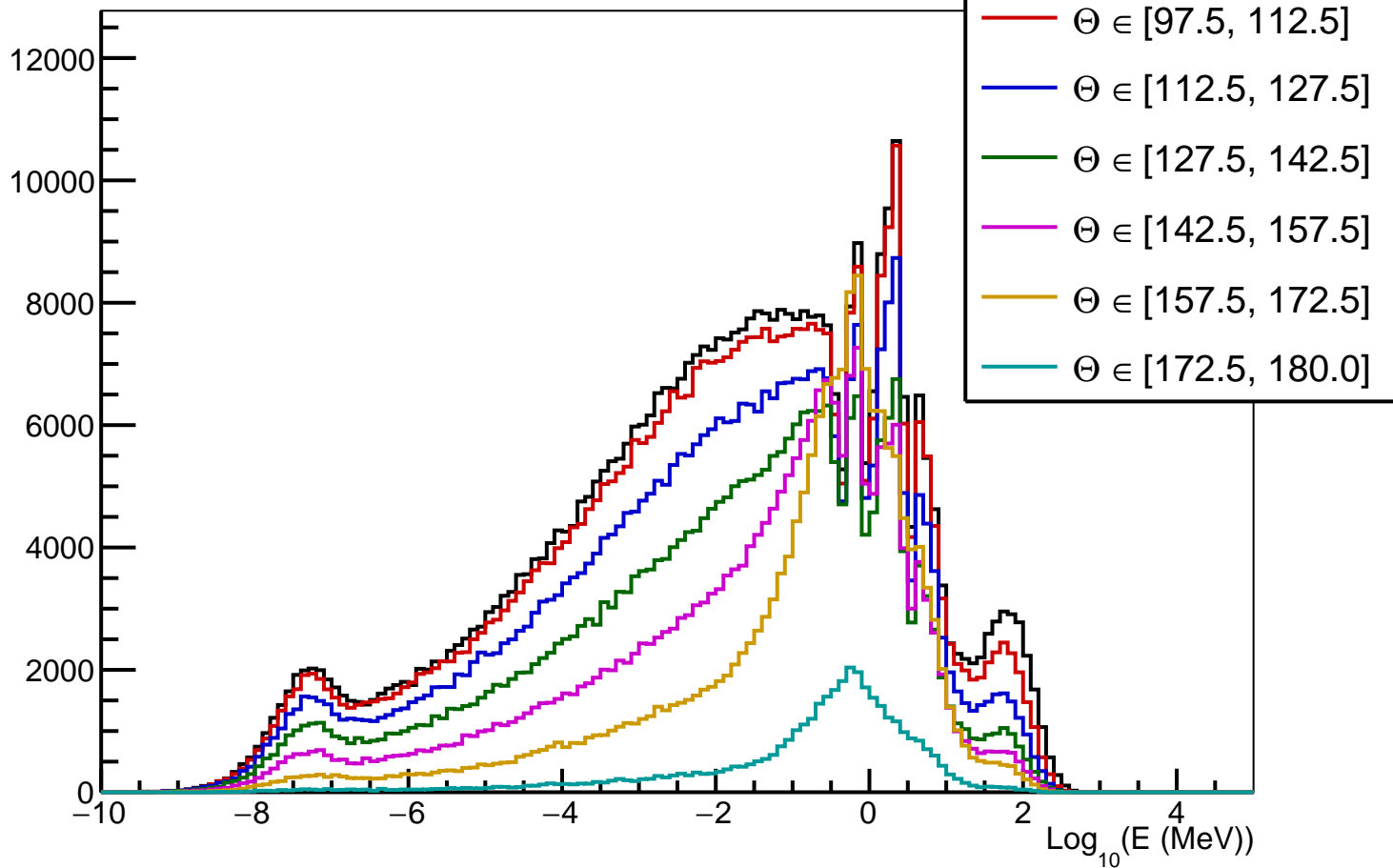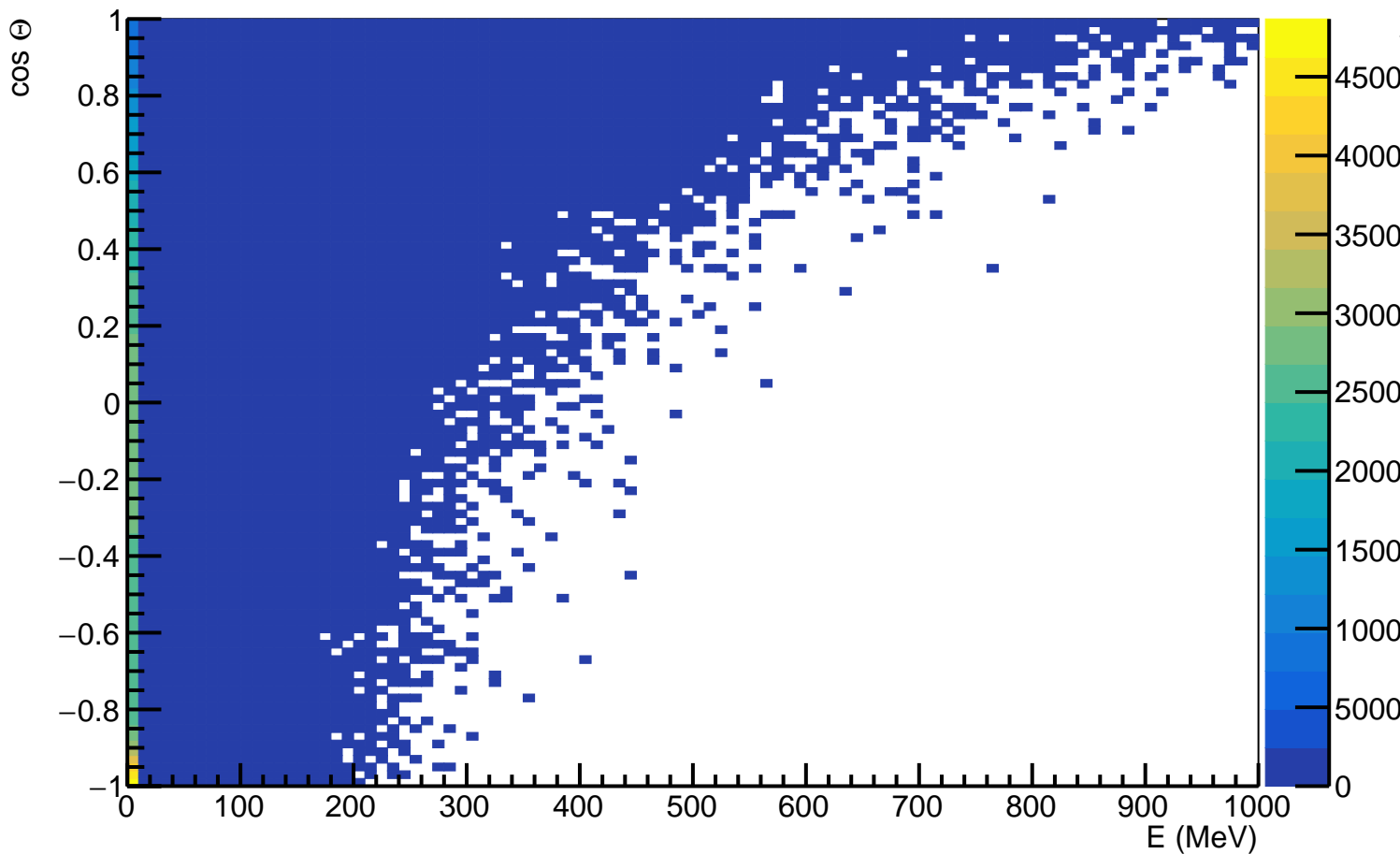
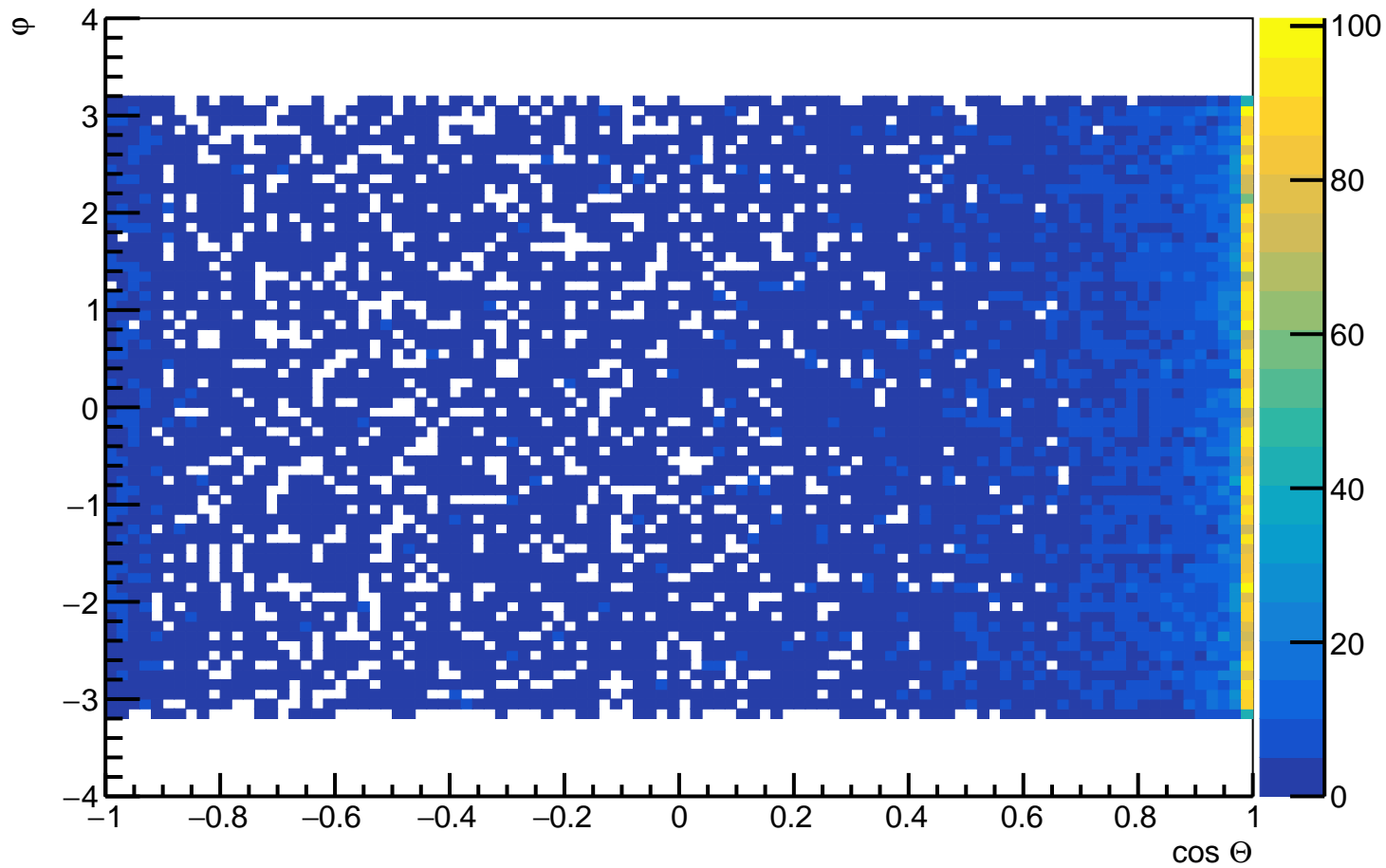Neutron energy vs cos Θ
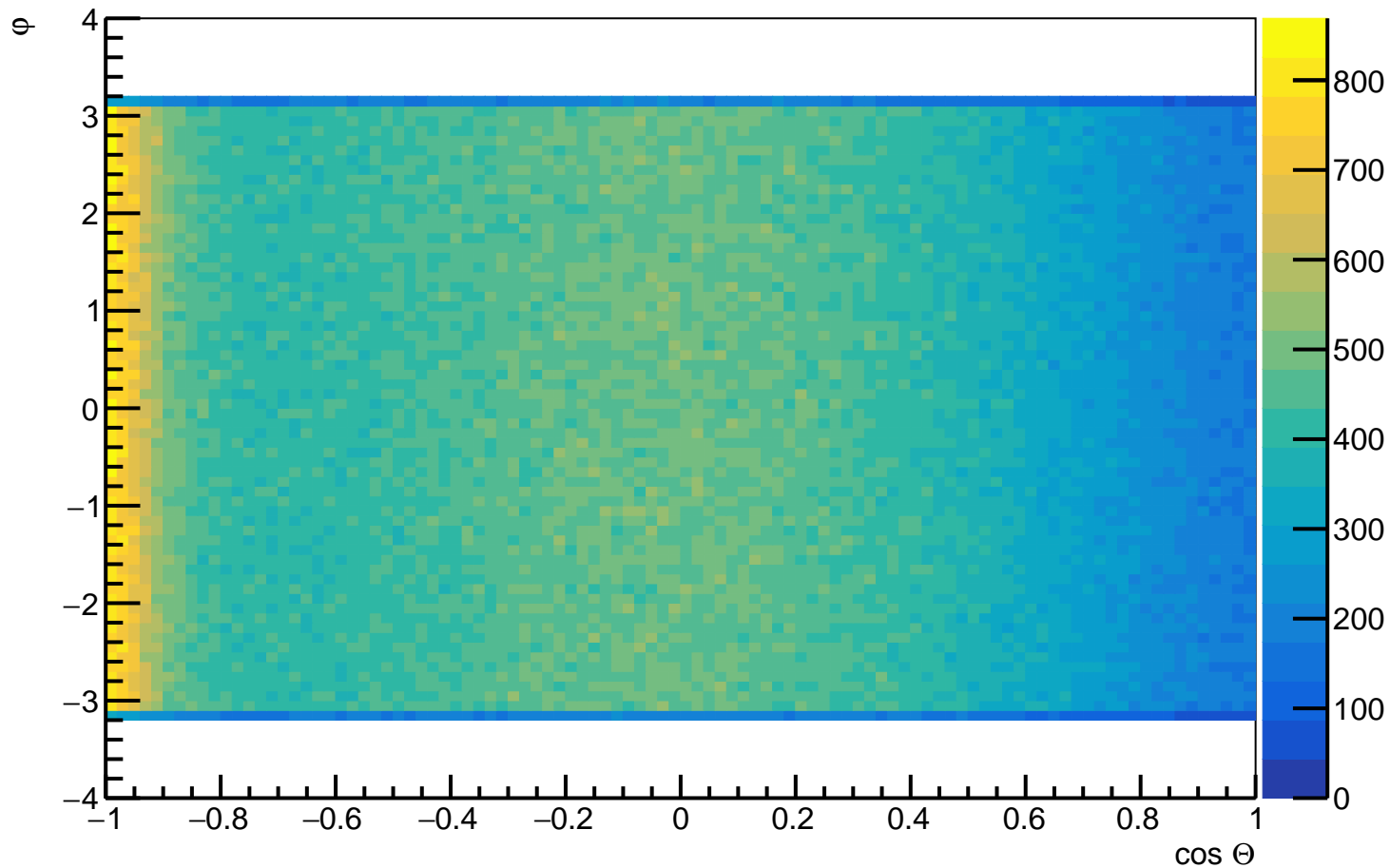
Neutron energy vs Θ

Neutron energy vs Θ

Θ ∈ [ 0.0,  7.5]
Θ ∈ [ 7.5, 22.5]
Θ ∈ [22.5, 37.5]
Θ ∈ [37.5, 52.5]
Θ ∈ [52.5, 67.5]
Θ ∈ [67.5, 82.5]
Θ ∈ [82.5, 97.5]

$Log_{10}(E \ (MeV))$

Neutron energy vs Θ

Legend:
- Θ ∈ [82.5, 97.5]
- Θ ∈ [97.5, 112.5]
- Θ ∈ [112.5, 127.5]
- Θ ∈ [127.5, 142.5]
- Θ ∈ [142.5, 157.5]
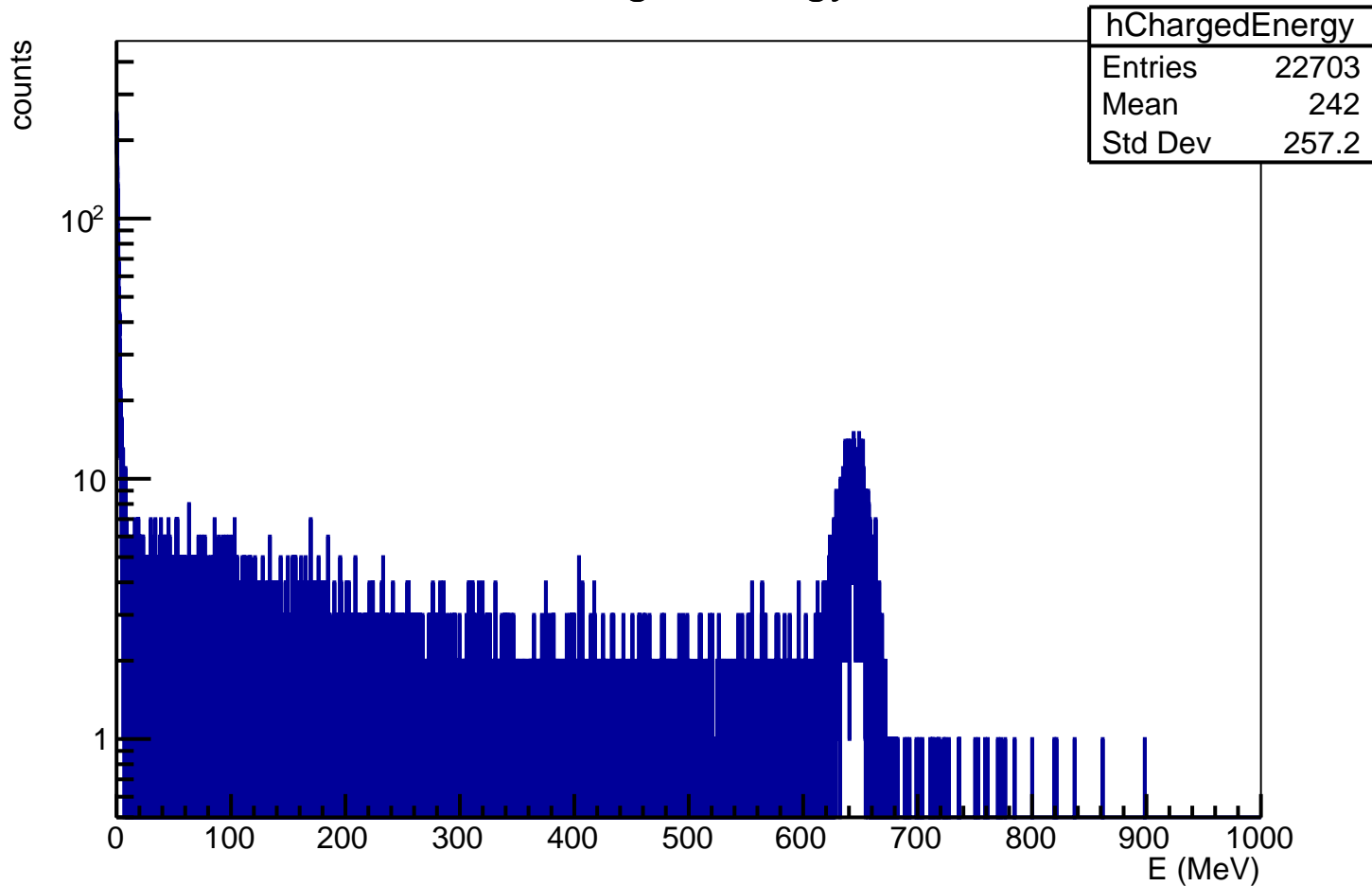- Θ ∈ [157.5, 172.5]
- Θ ∈ [172.5, 180.0]

$Log_{10}(E\ (MeV))$
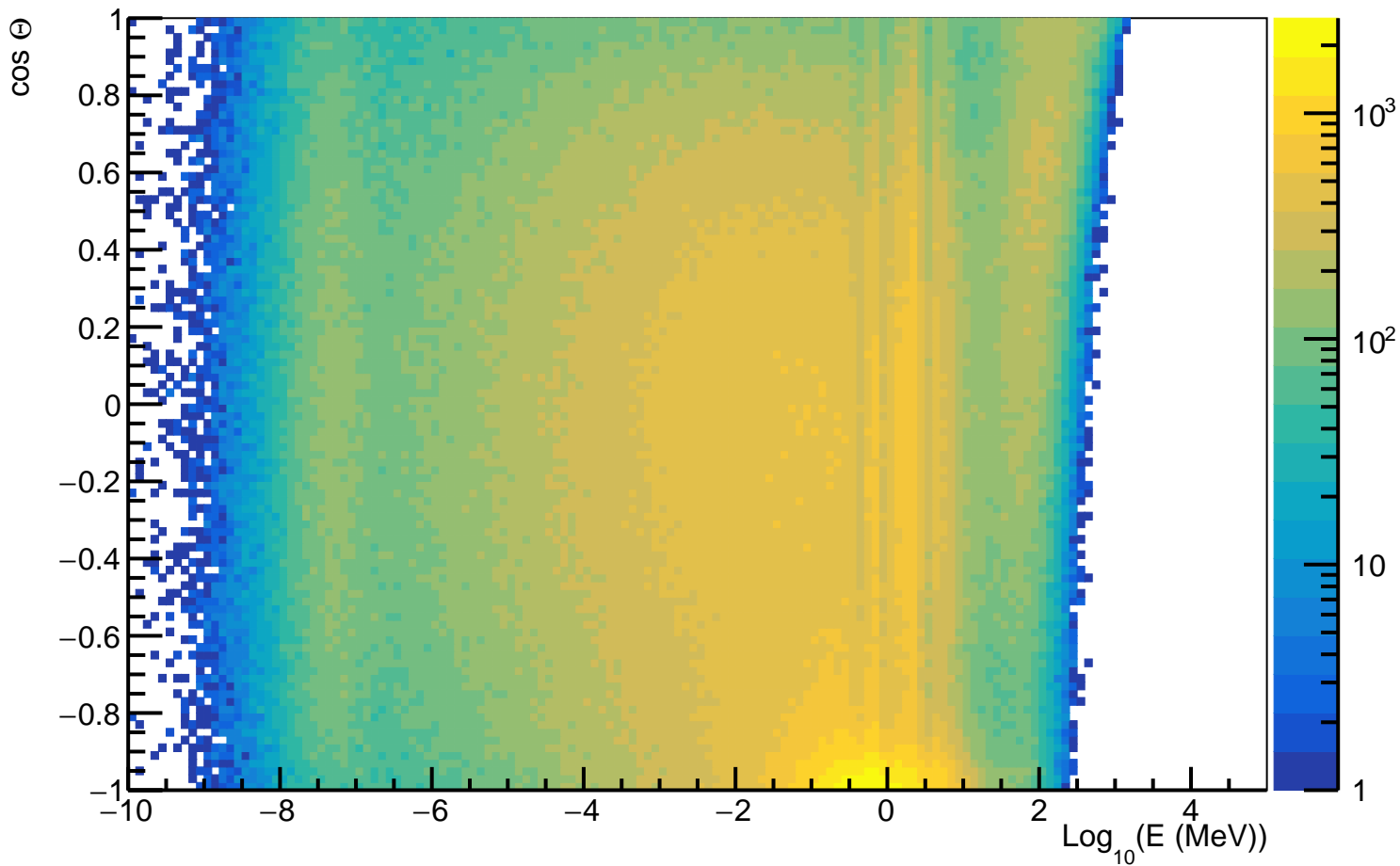
Neutron energy vs cos Θ

Charged angular distribution

# ChargedEnergy



| hChargedEnergy | |
|---|---|
| Entries | 22703 |
| Mean | 242 |
| Std Dev | 257.2 |

counts

E (MeV)
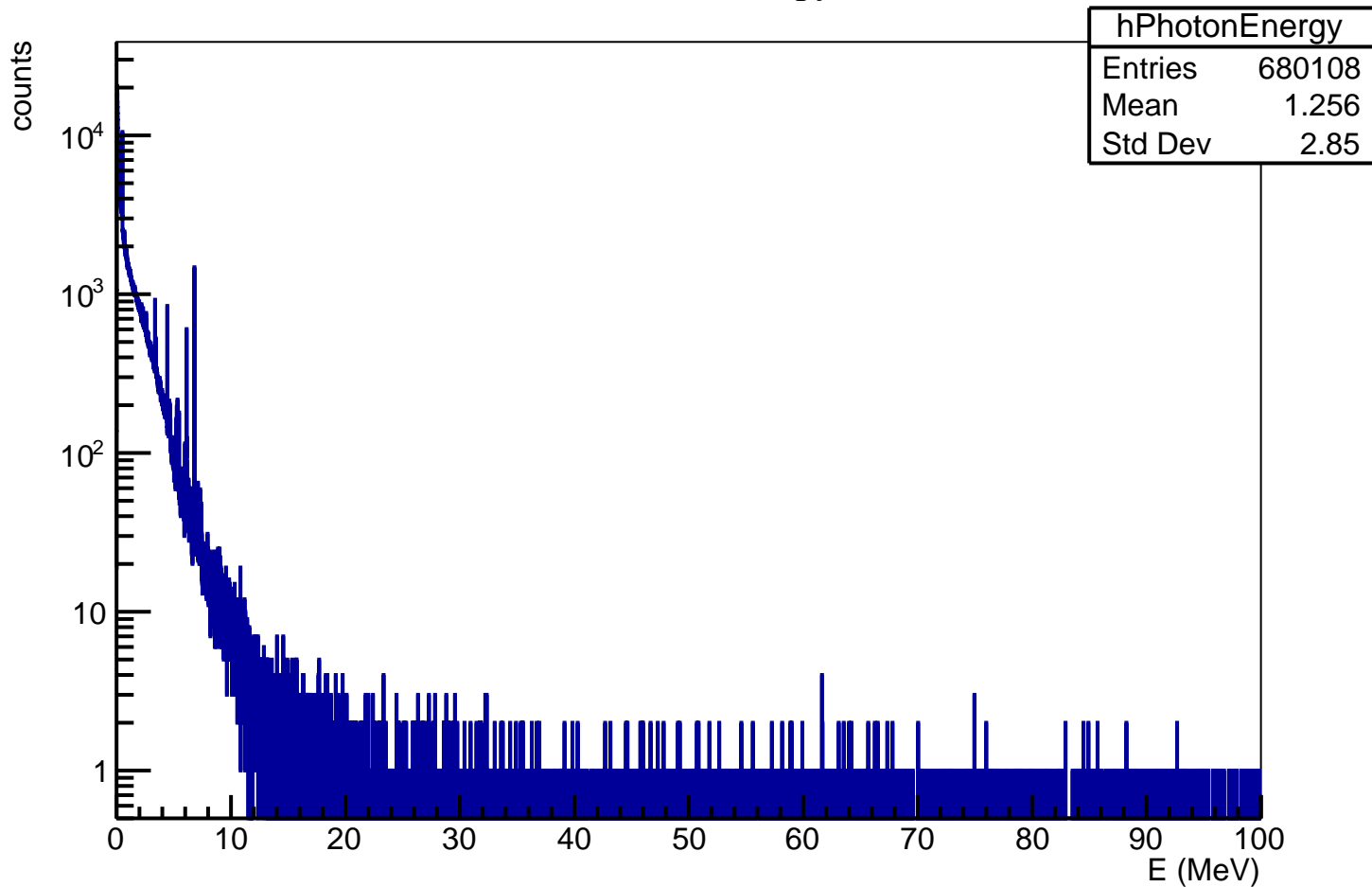
Charged energy vs cos Θ
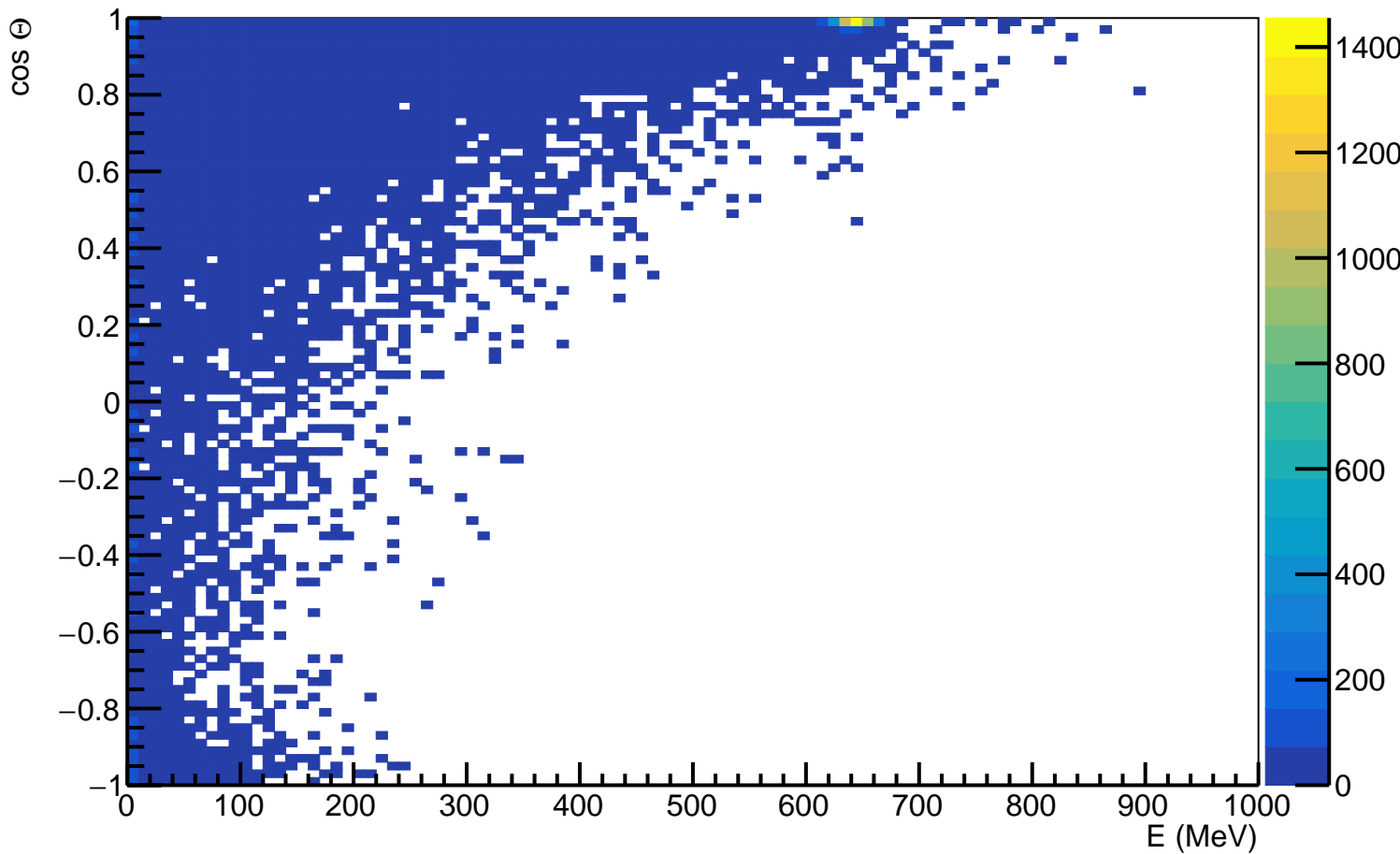
Photon angular distribution

PhotonEnergy

| hPhotonEnergy | |
| --- | --- |
| Entries | 680108 |
| Mean | 1.256 |
| Std Dev | 2.85 |

PhotonEnergy

| hPhotonEnergy | |
|---|---|
| Entries | 680108 |
| Mean | 1.12 |
| Std Dev | 1.431 |

Photon energy vs cos Θ

Photon energy vs cos Θ