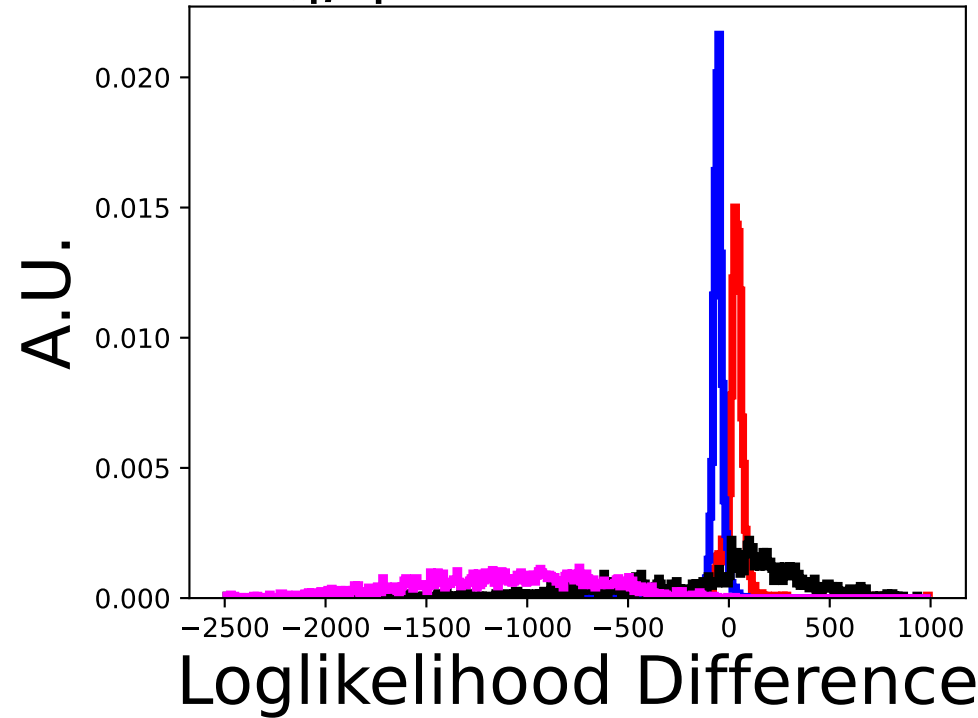
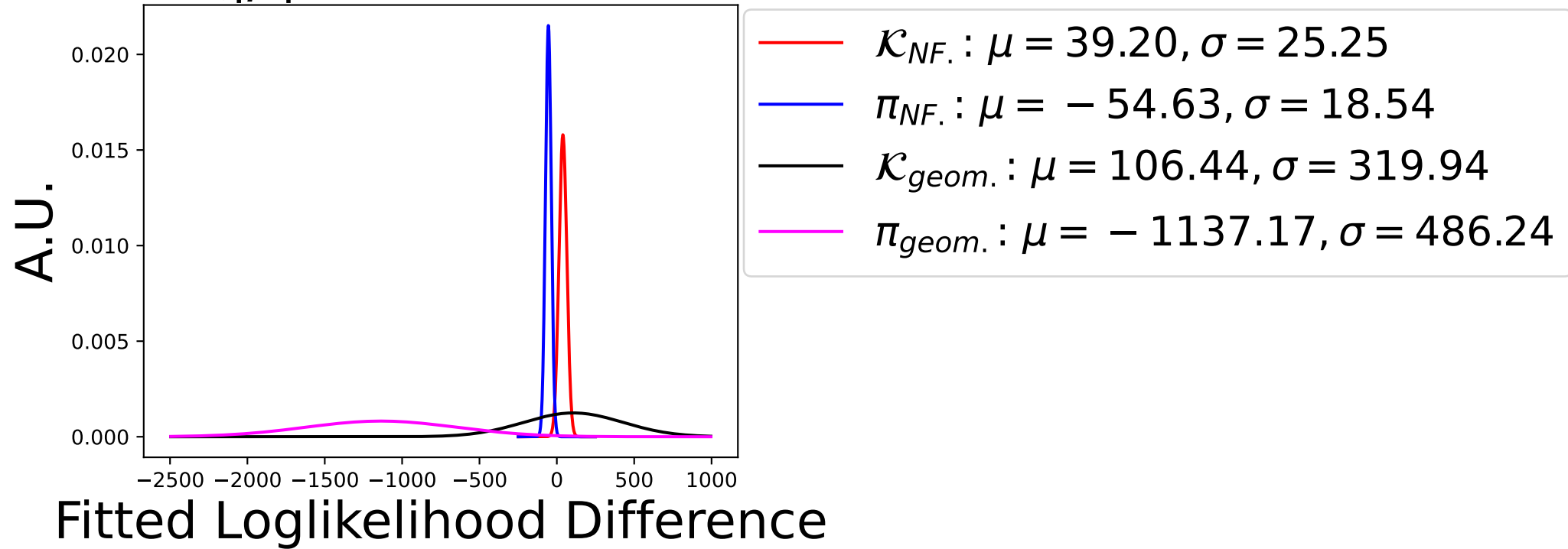


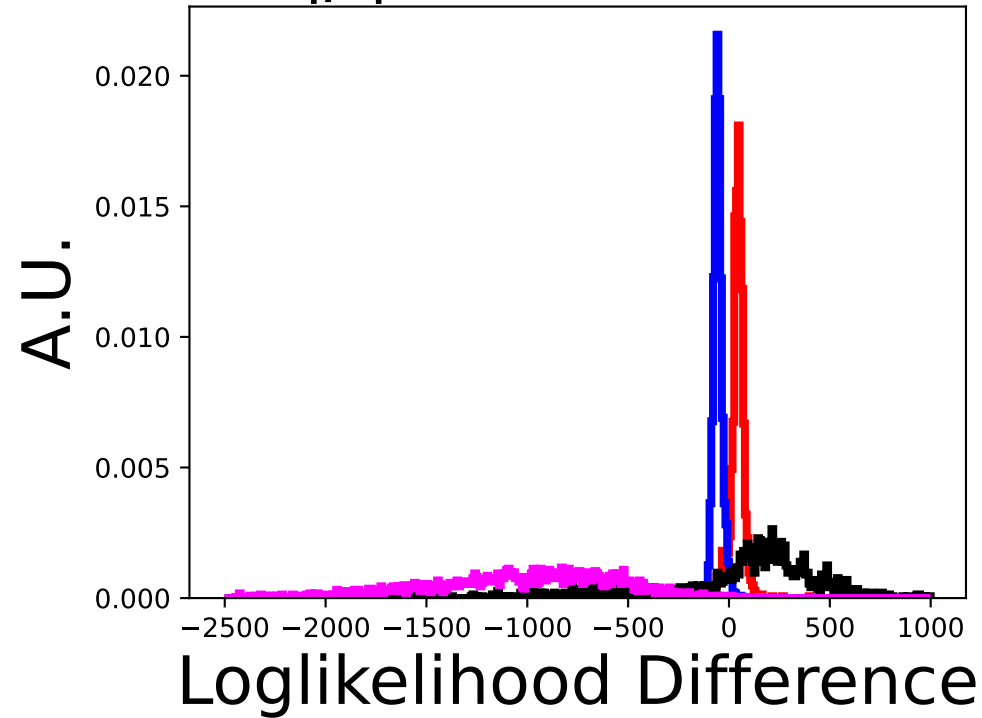
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (0.95, 1.05) \text{ GeV}$



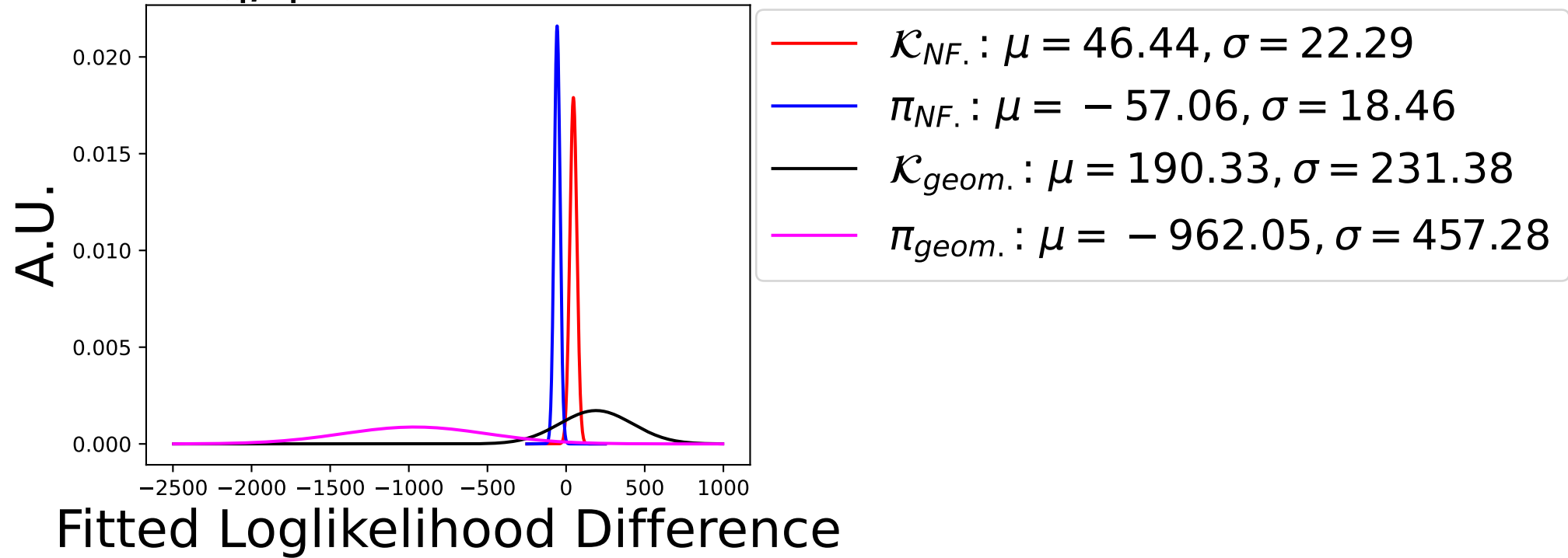
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (0.95, 1.05) \text{ GeV}$

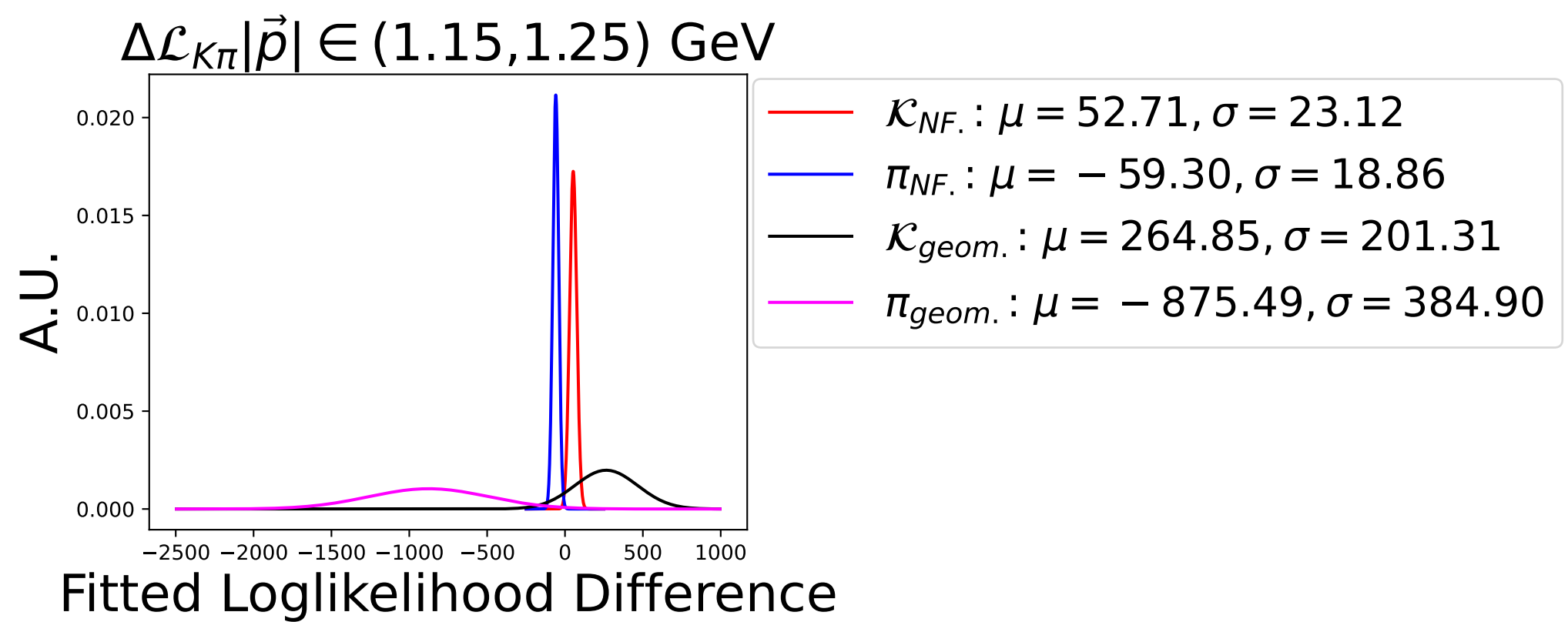
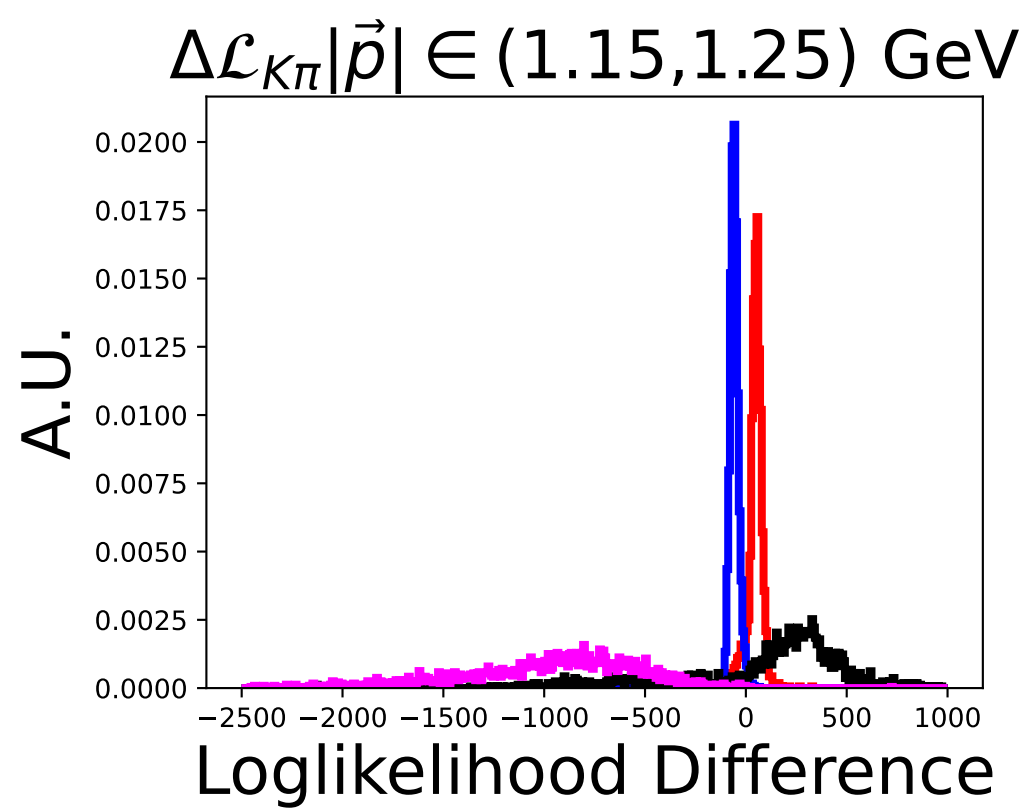


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.05, 1.15) \text{ GeV}$

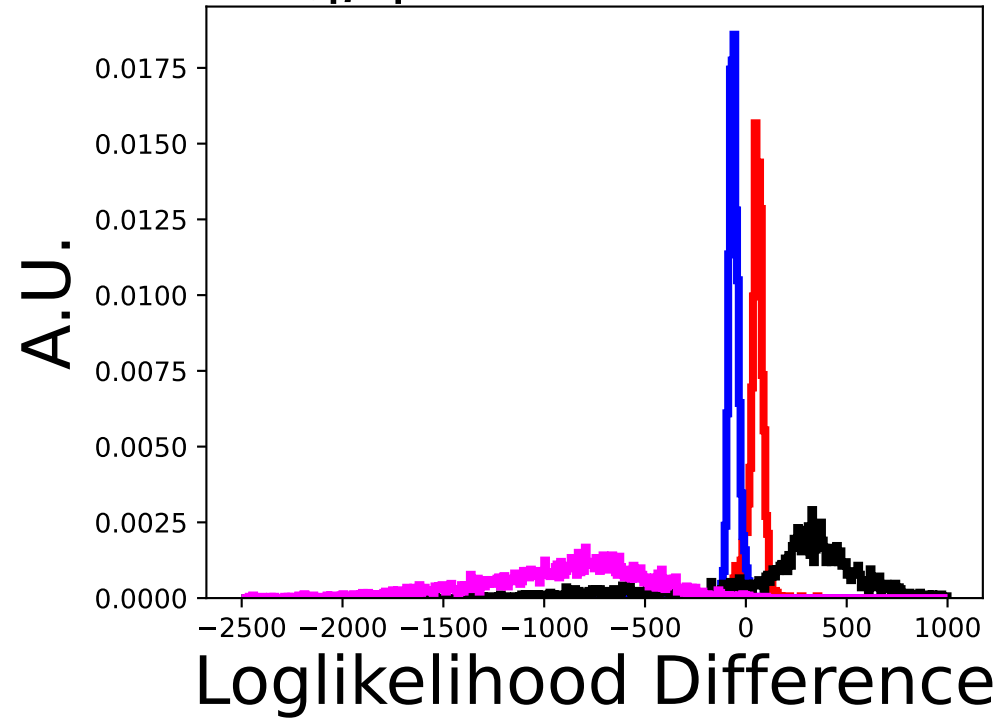


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.05, 1.15) \text{ GeV}$

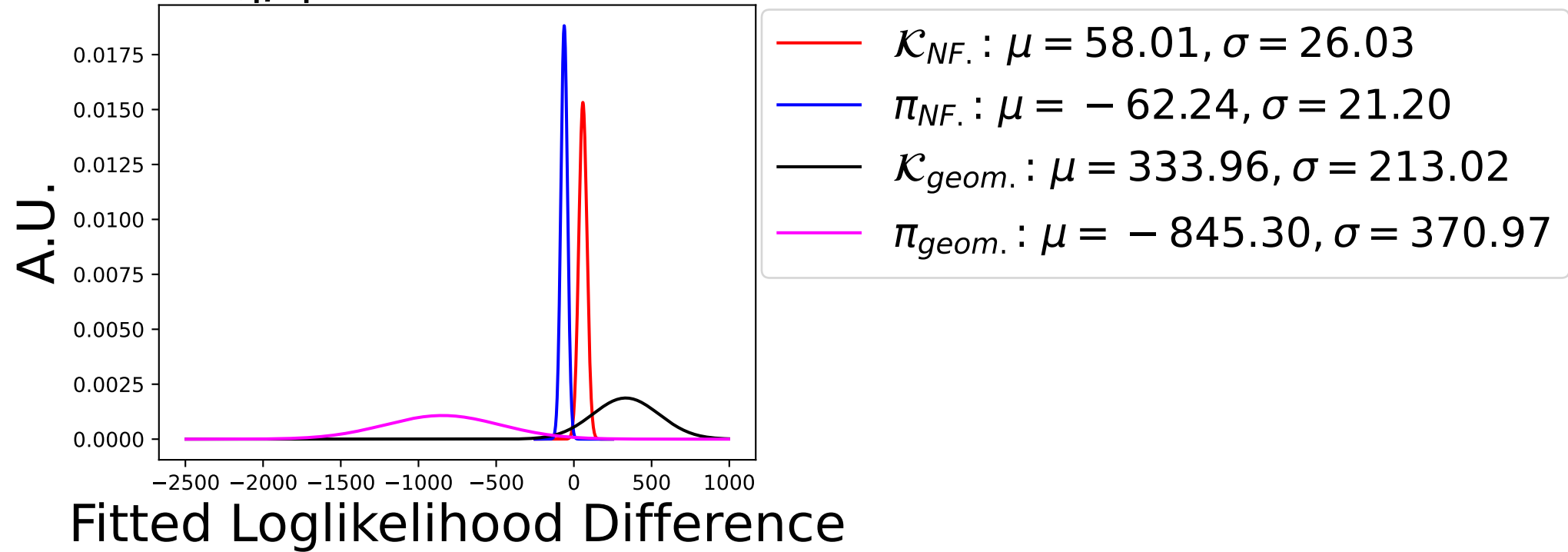


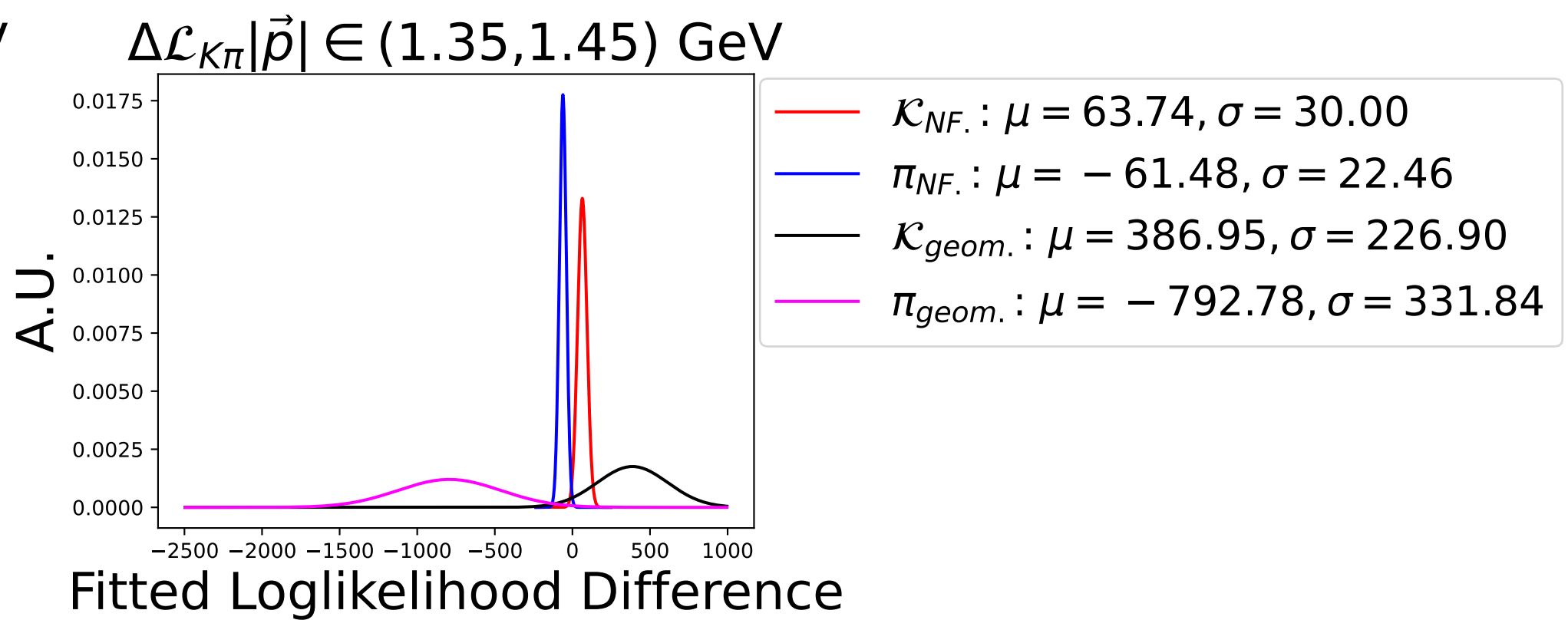
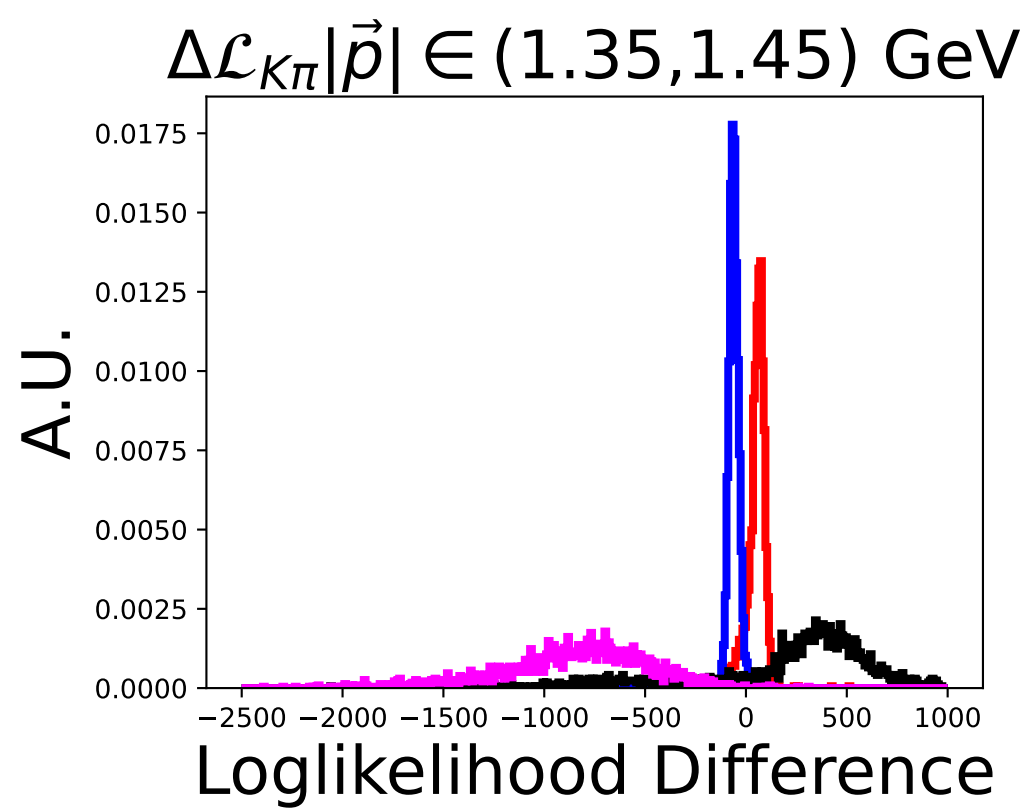


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.25, 1.35) \text{ GeV}$

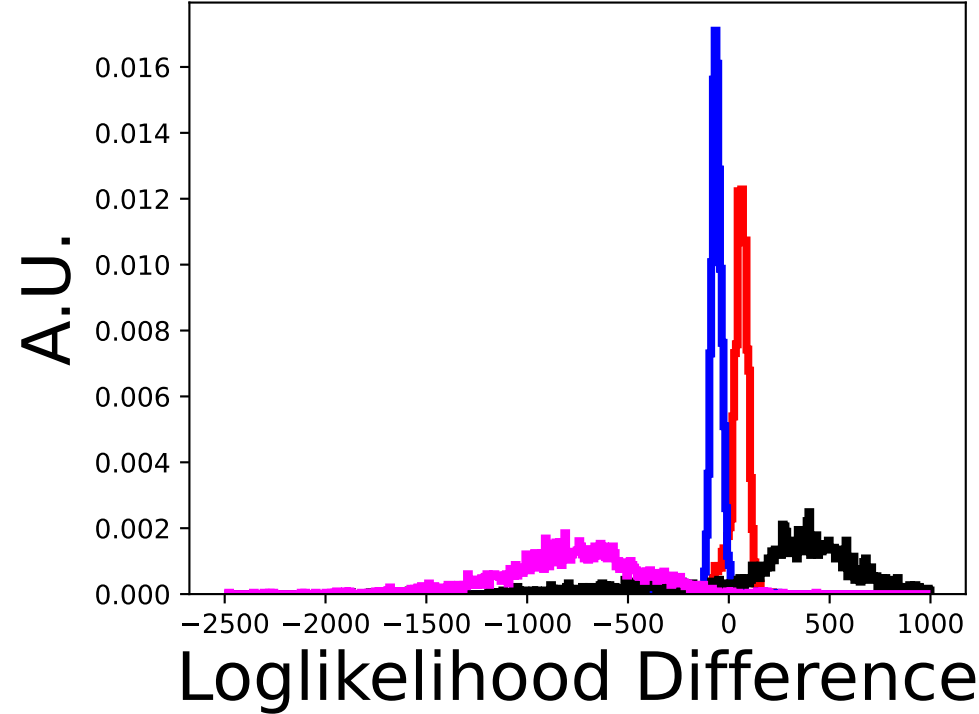


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.25, 1.35) \text{ GeV}$

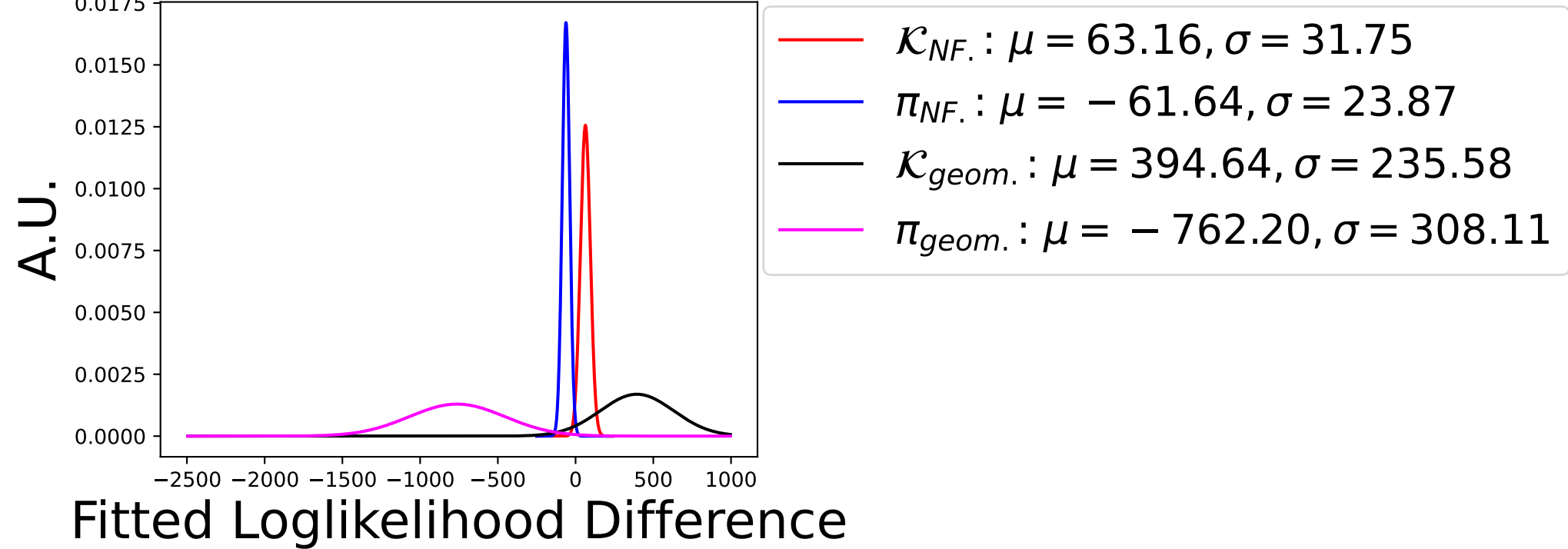


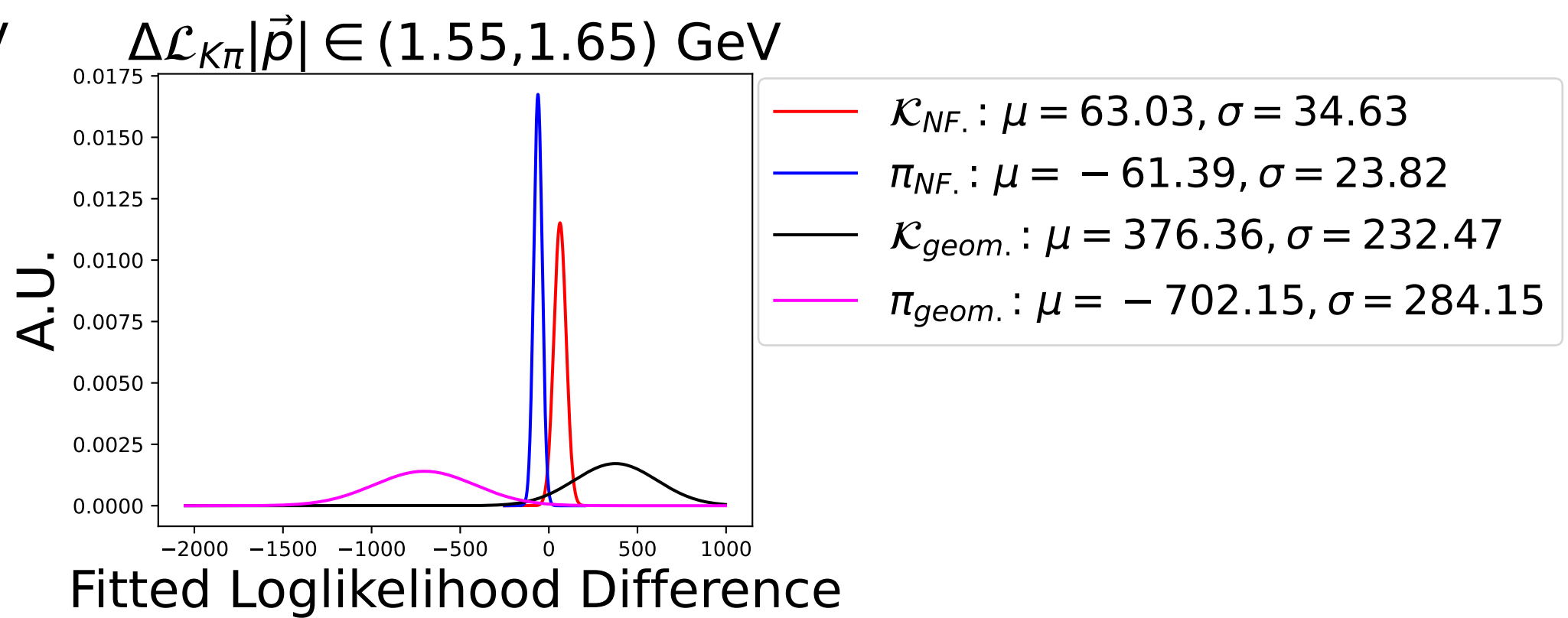
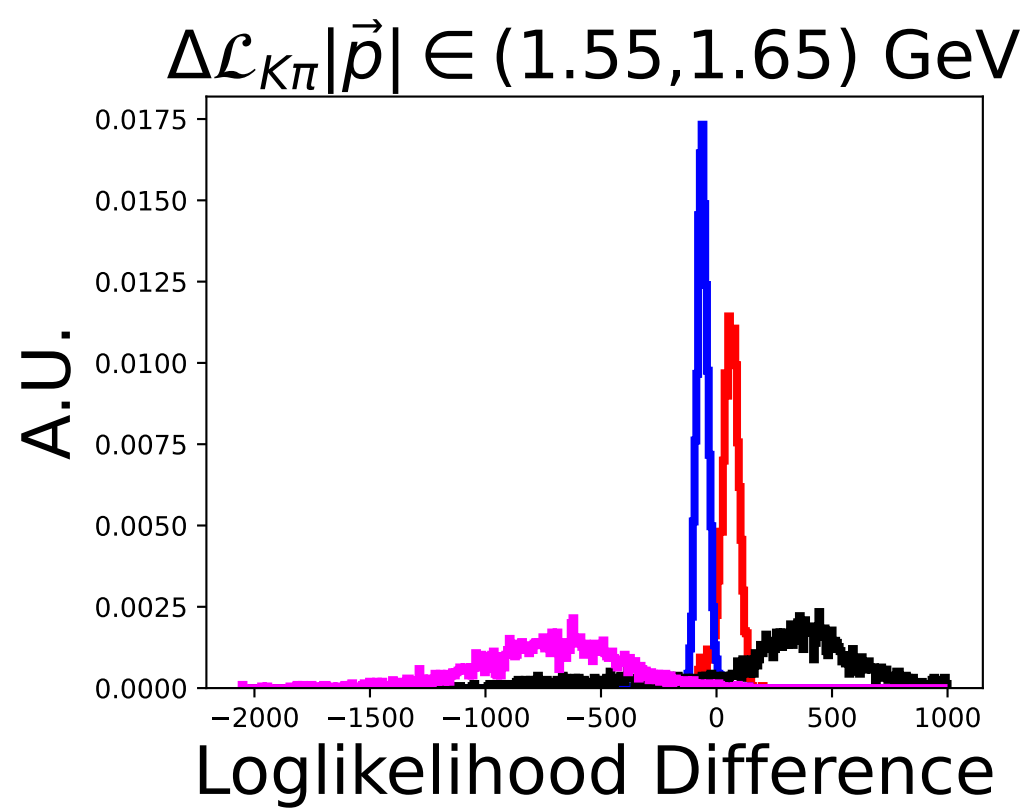


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.45, 1.55) \text{ GeV}$

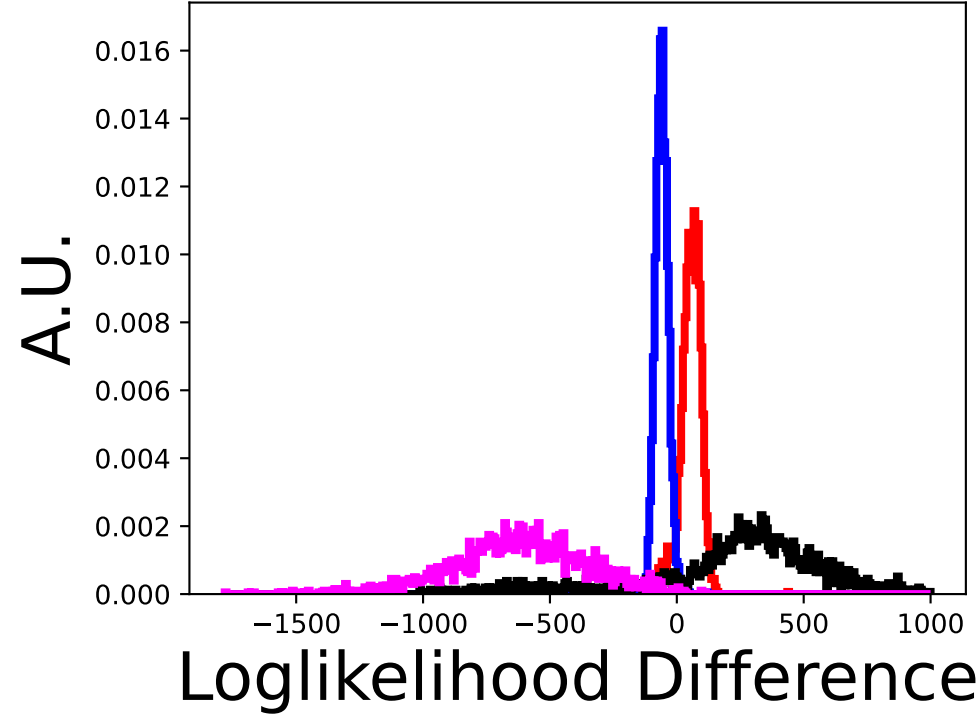


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.45, 1.55) \text{ GeV}$

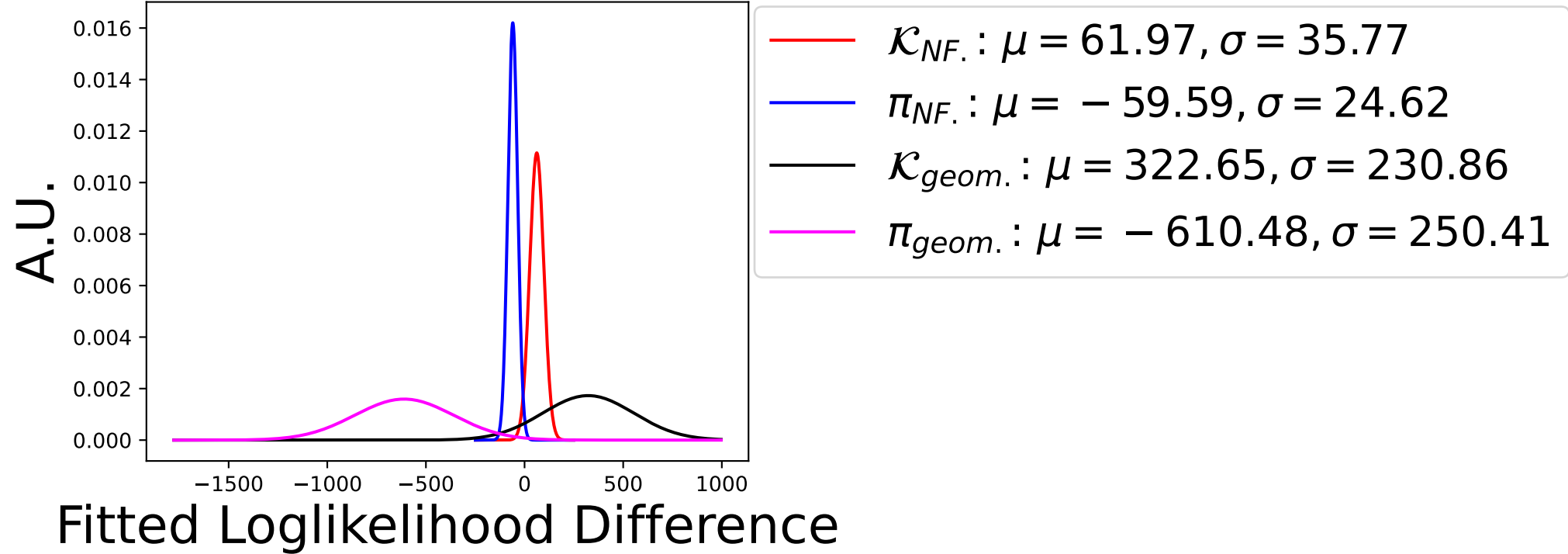




$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.65, 1.75) \text{ GeV}$

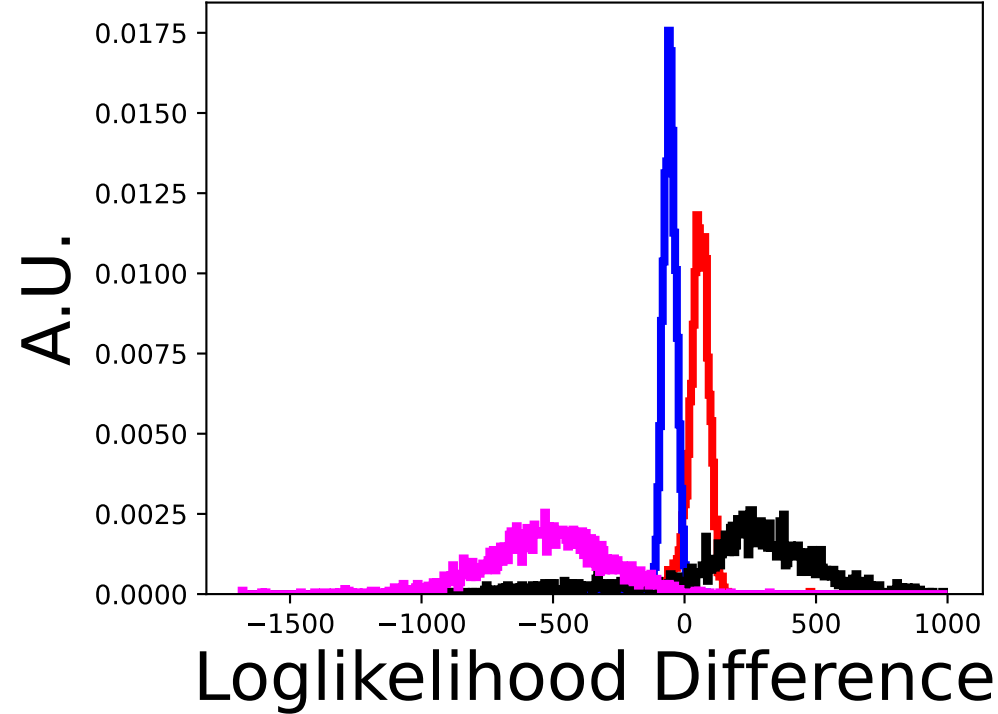


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.65, 1.75) \text{ GeV}$

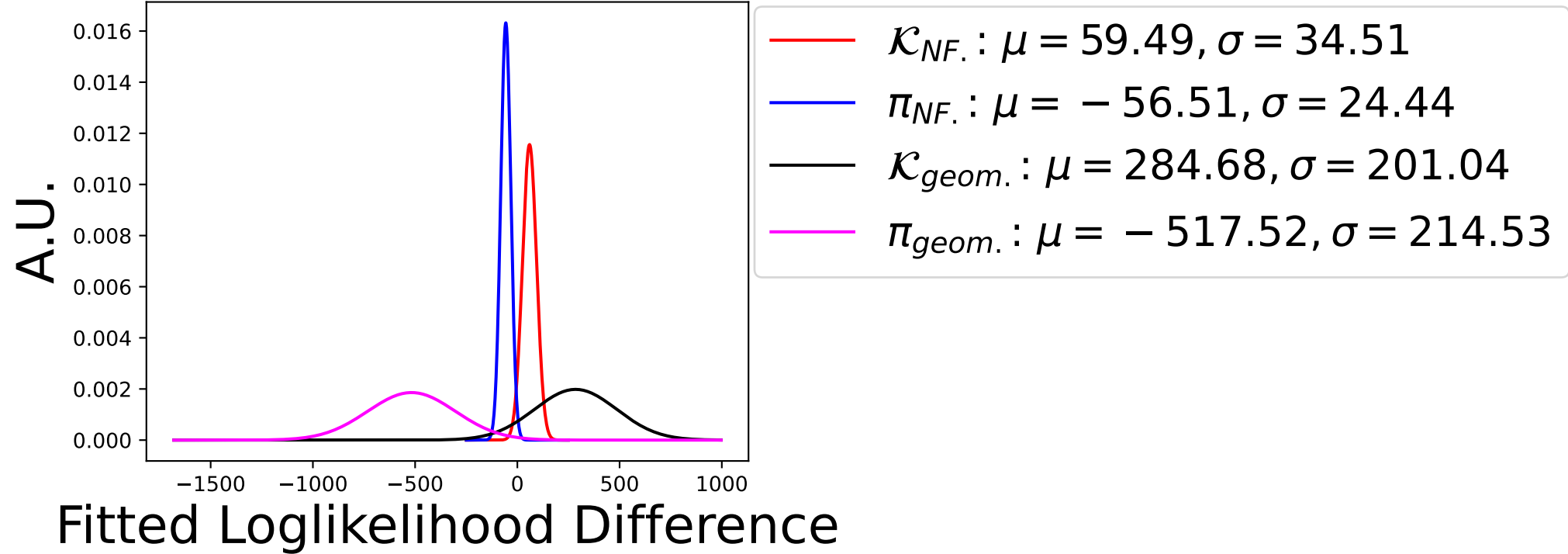




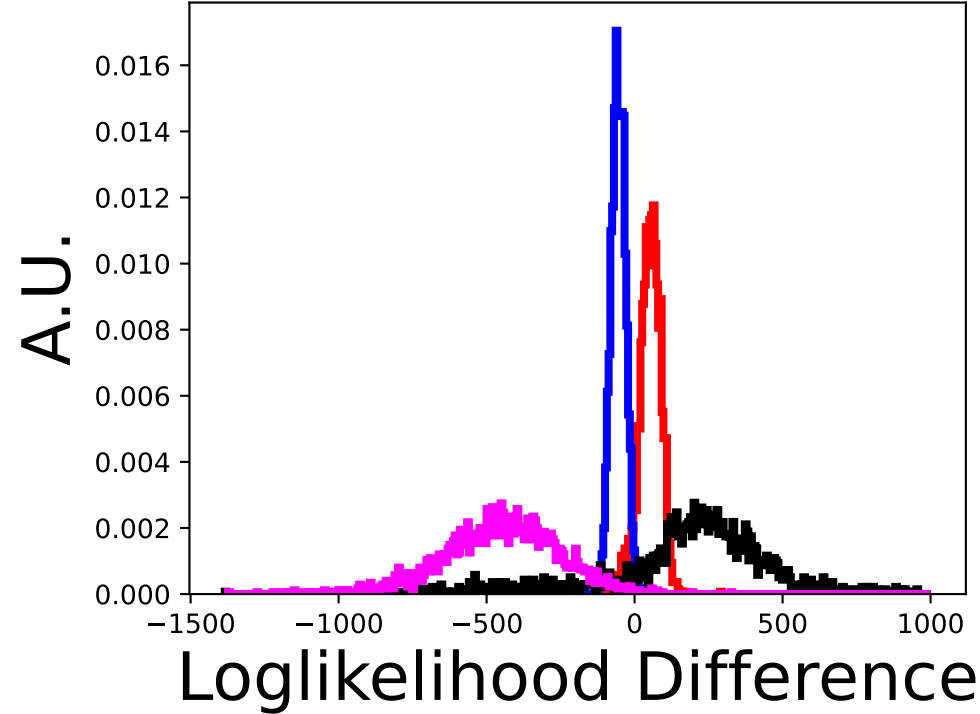
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.75, 1.85) \text{ GeV}$



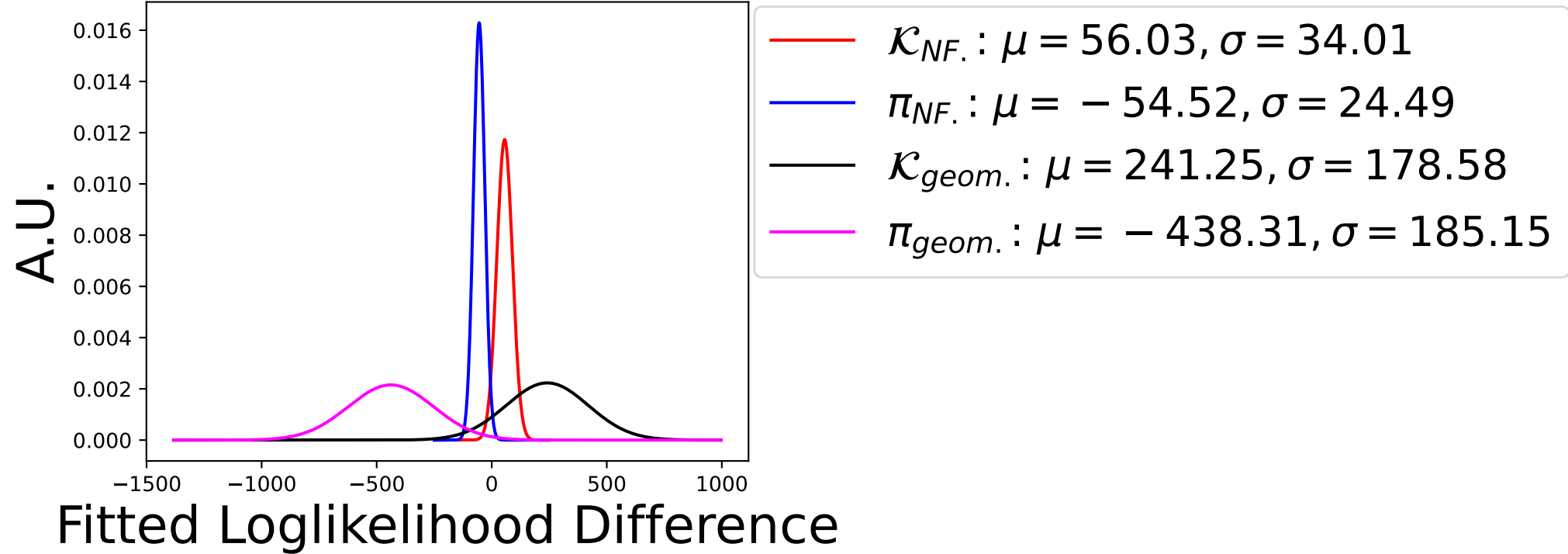
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.75, 1.85) \text{ GeV}$



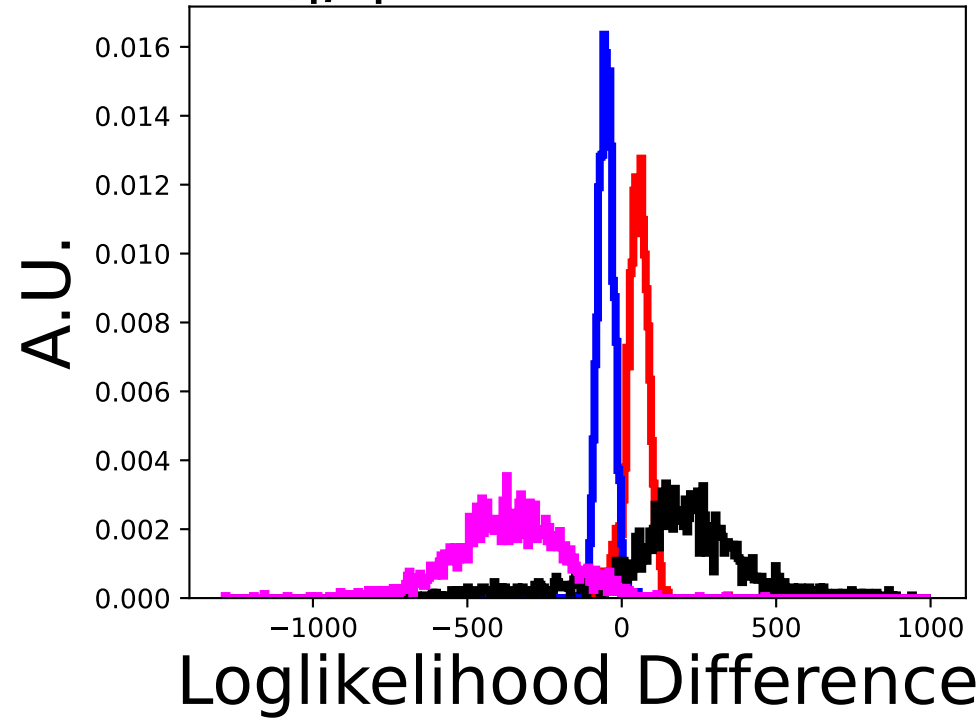
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.85, 1.95) \text{ GeV}$



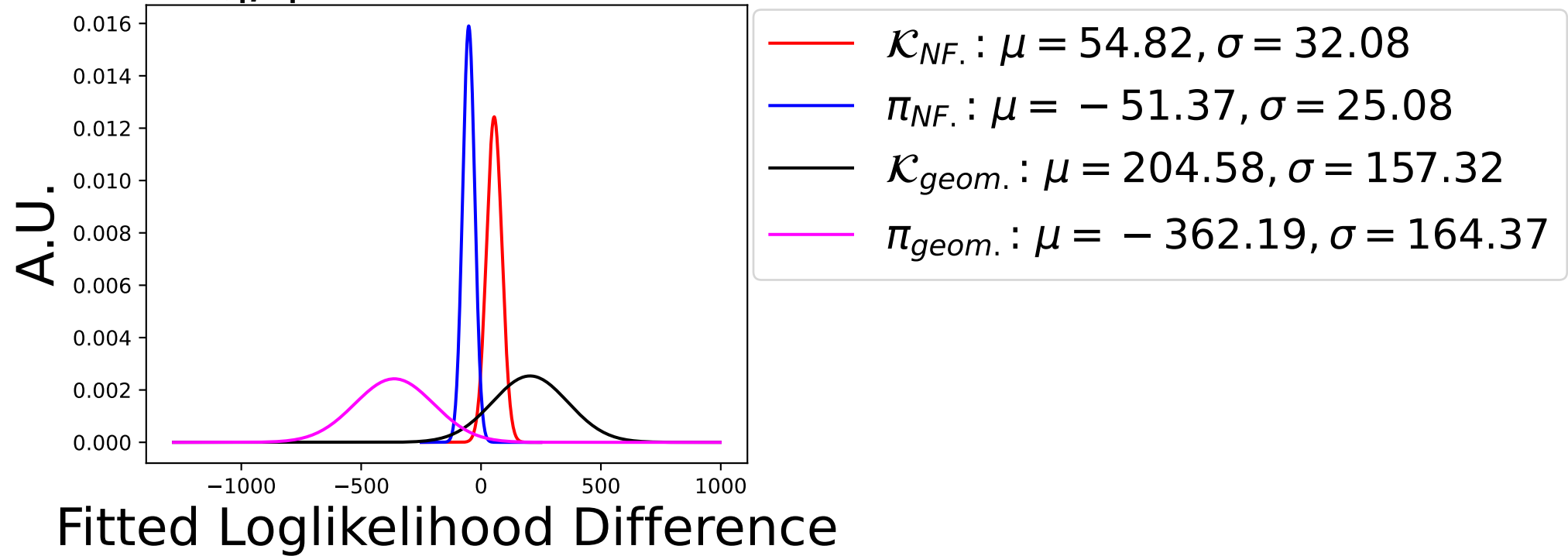
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.85, 1.95) \text{ GeV}$



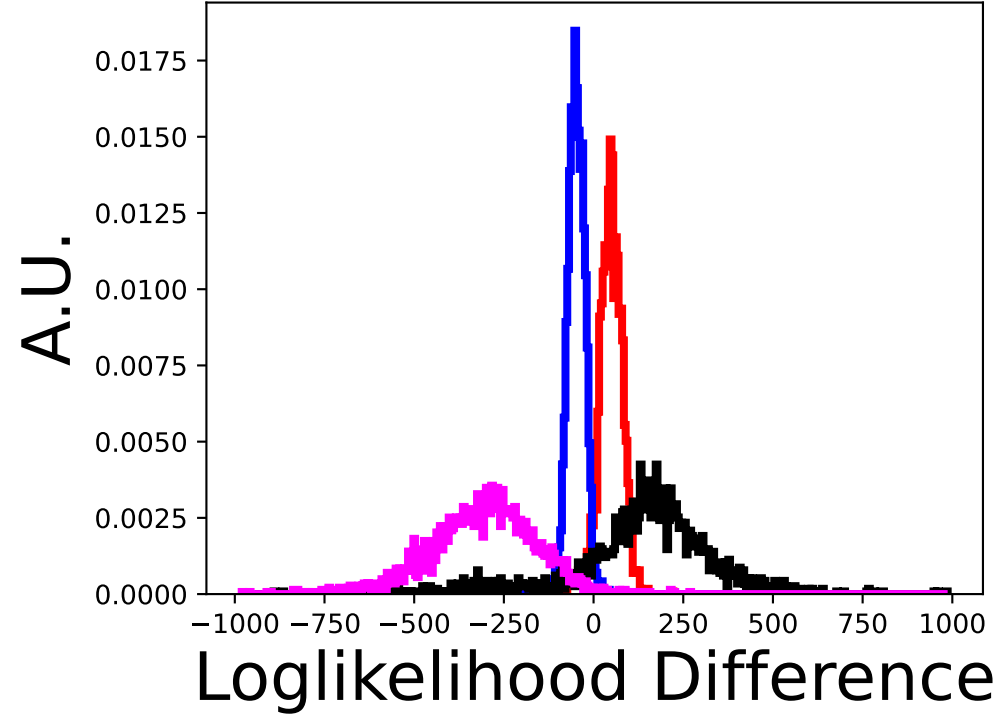
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.95, 2.05) \text{ GeV}$



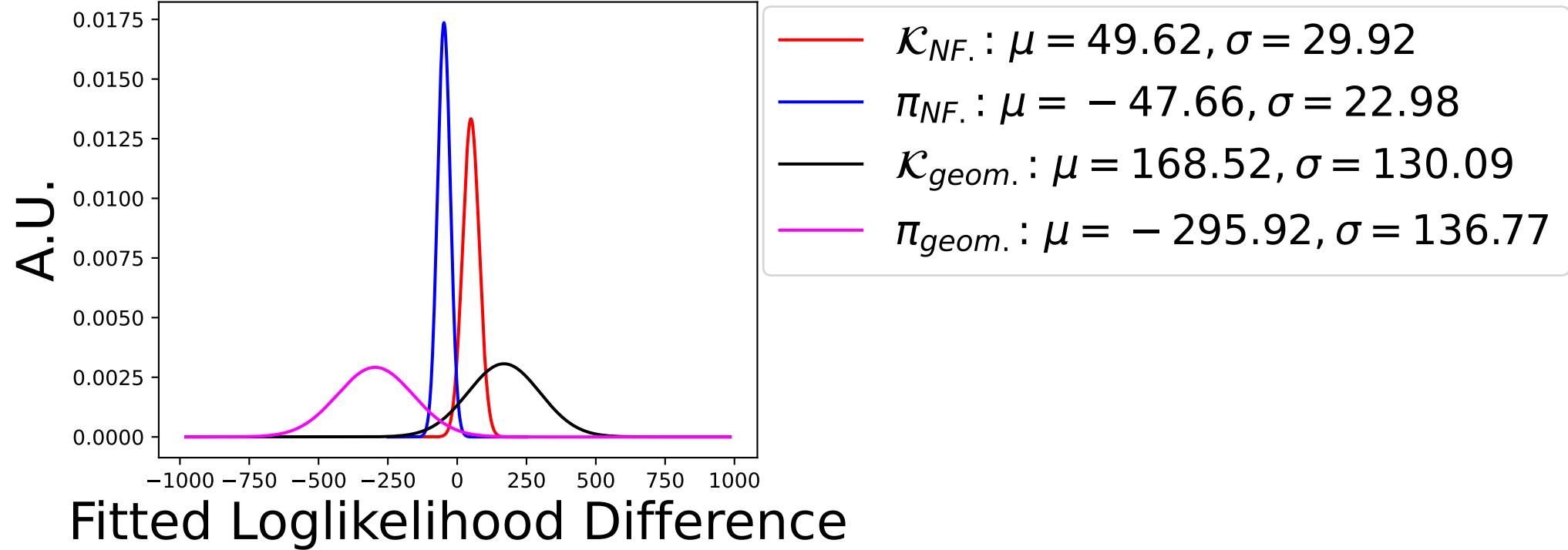
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (1.95, 2.05) \text{ GeV}$



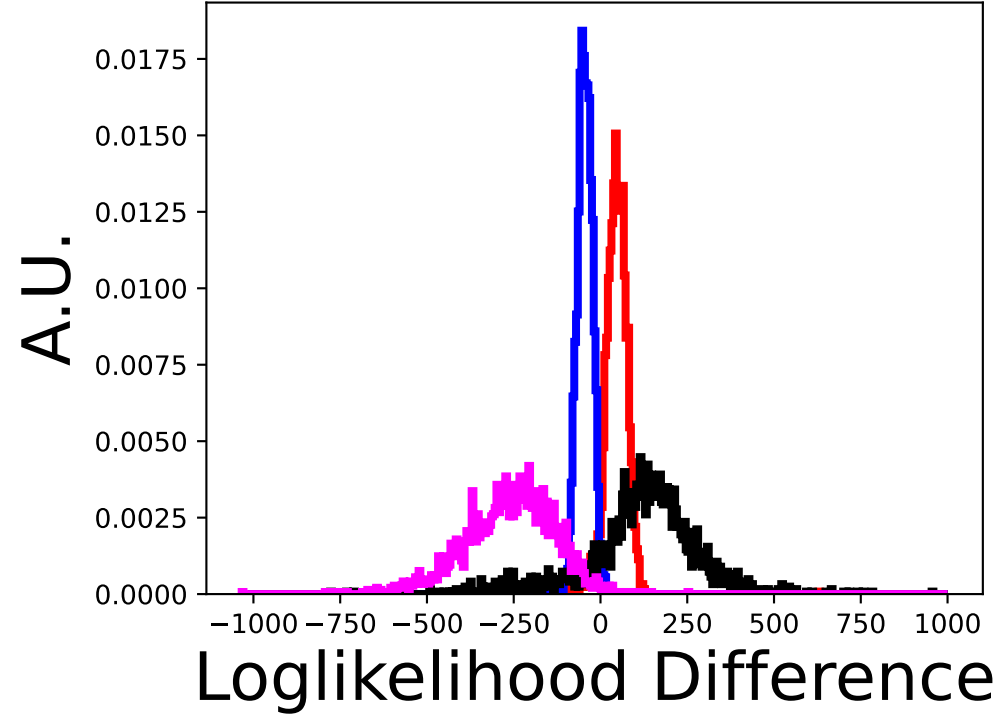
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.05, 2.15) \text{ GeV}$



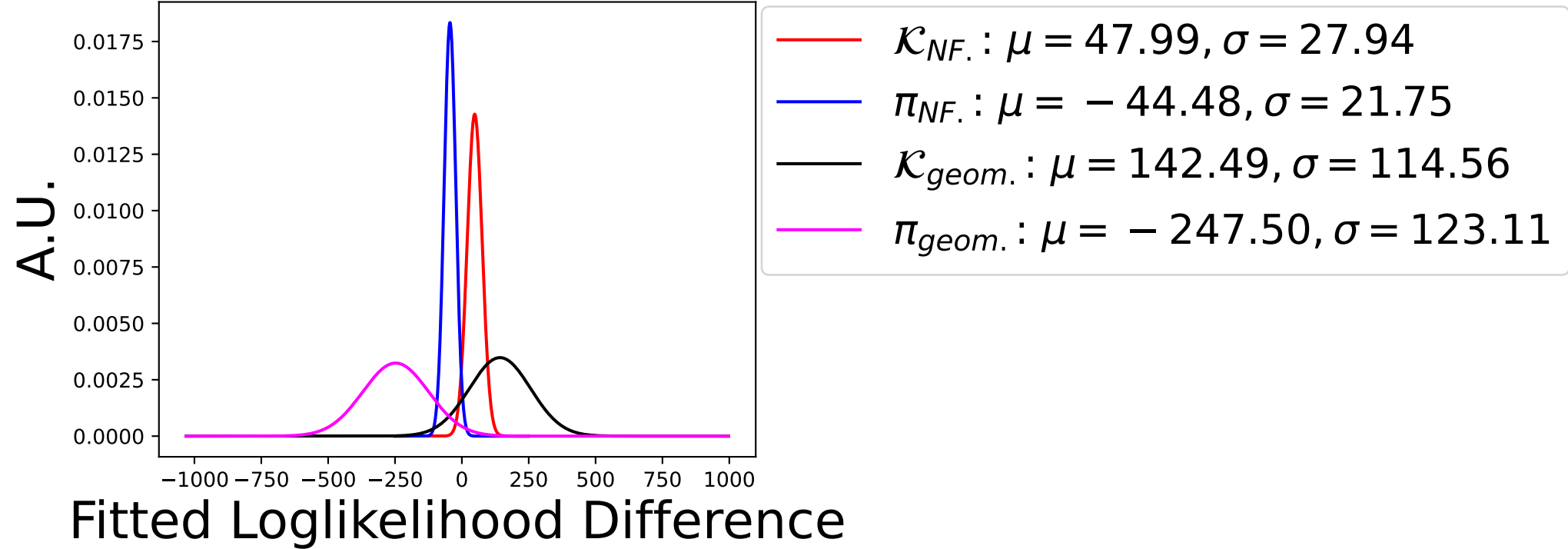
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.05, 2.15) \text{ GeV}$

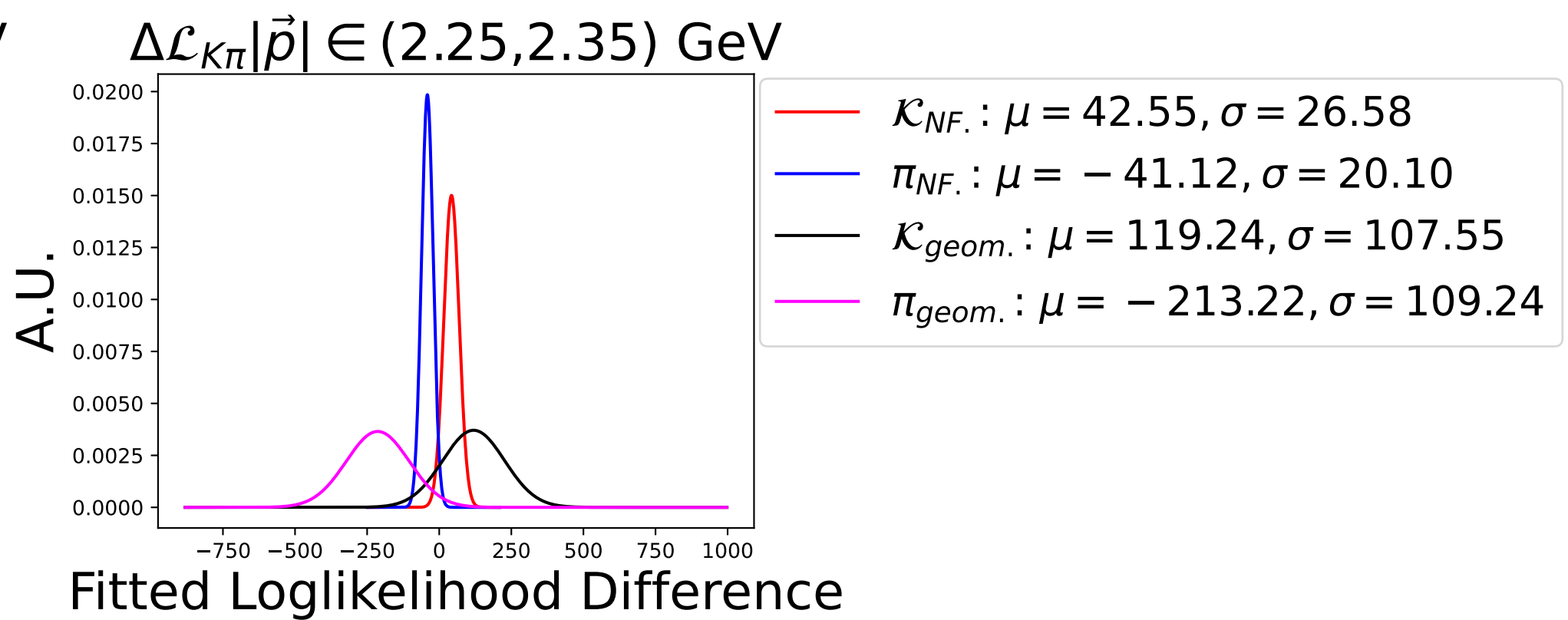
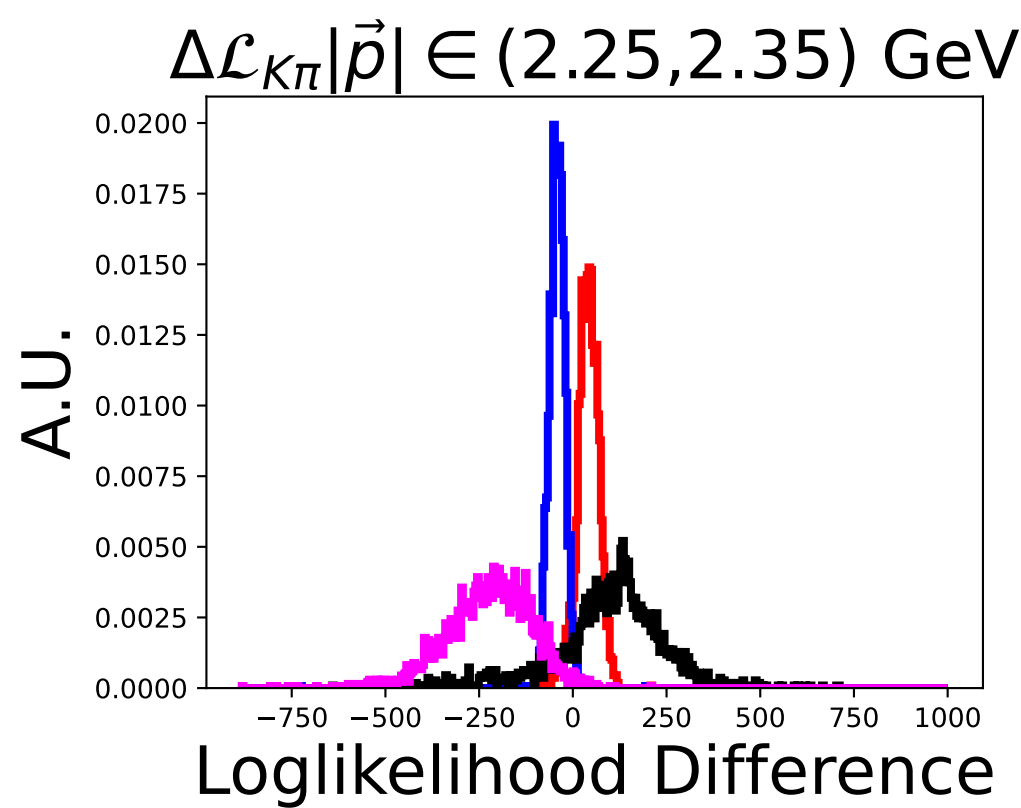


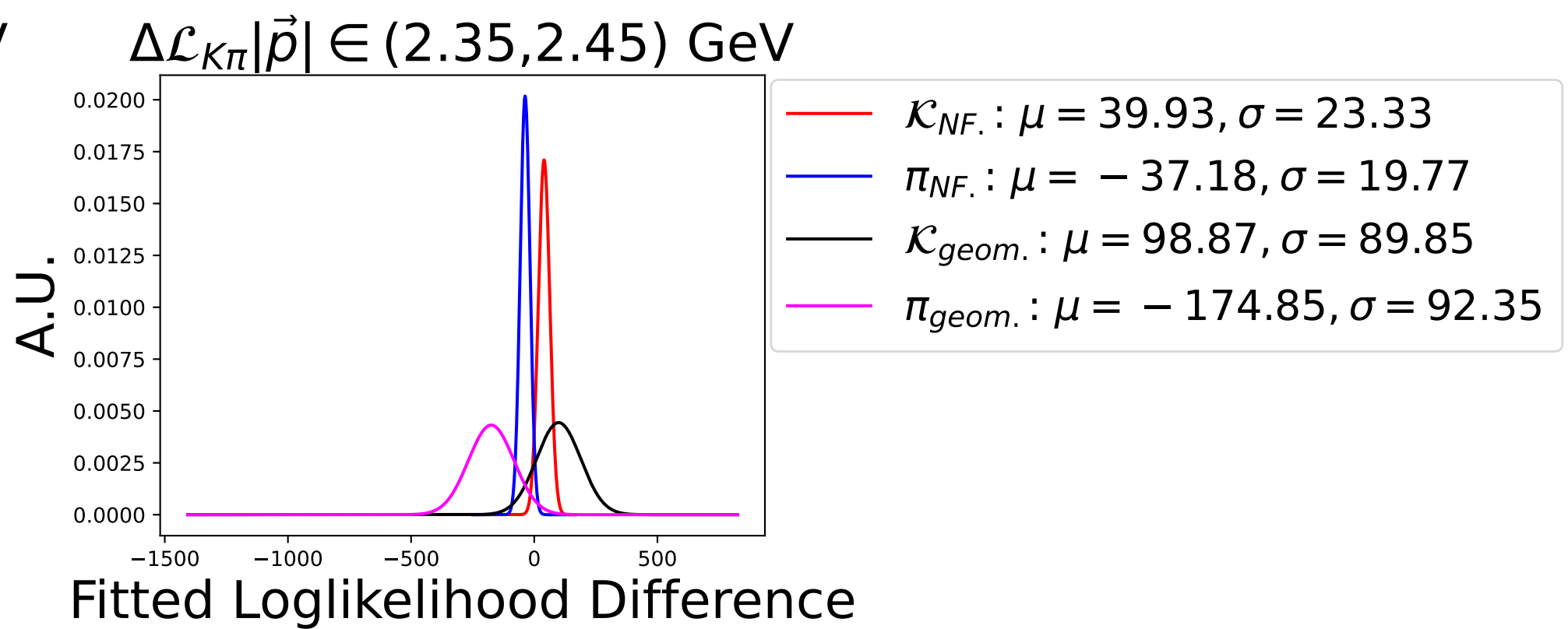
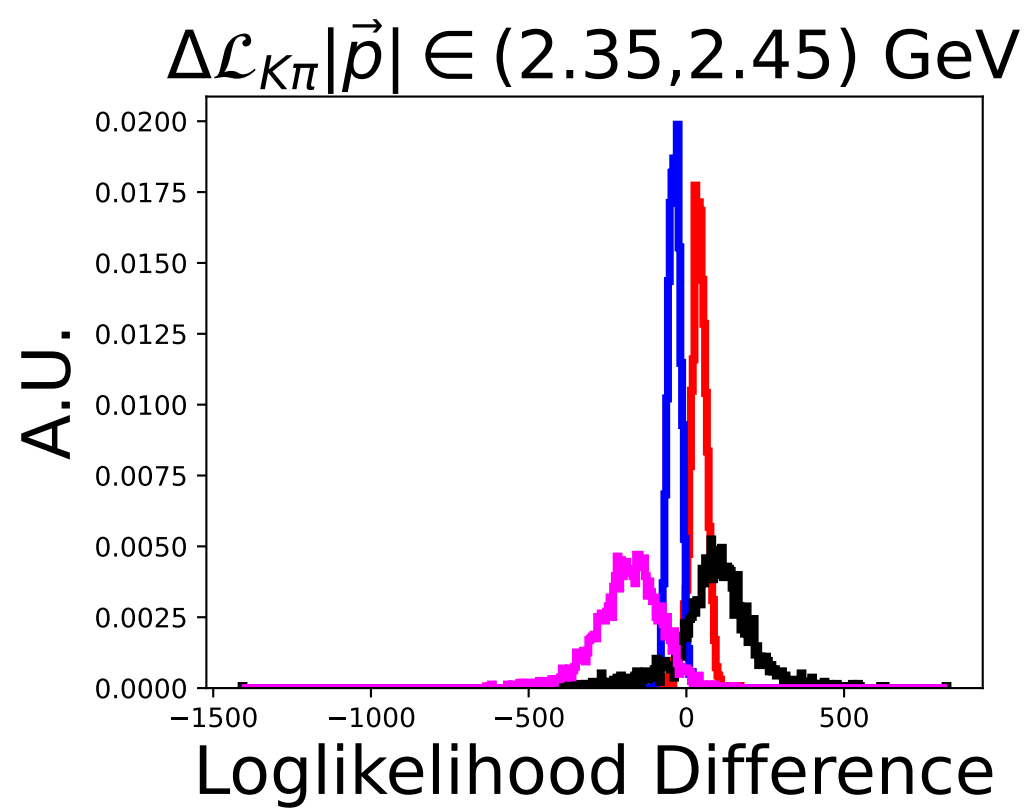
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.15, 2.25) \text{ GeV}$



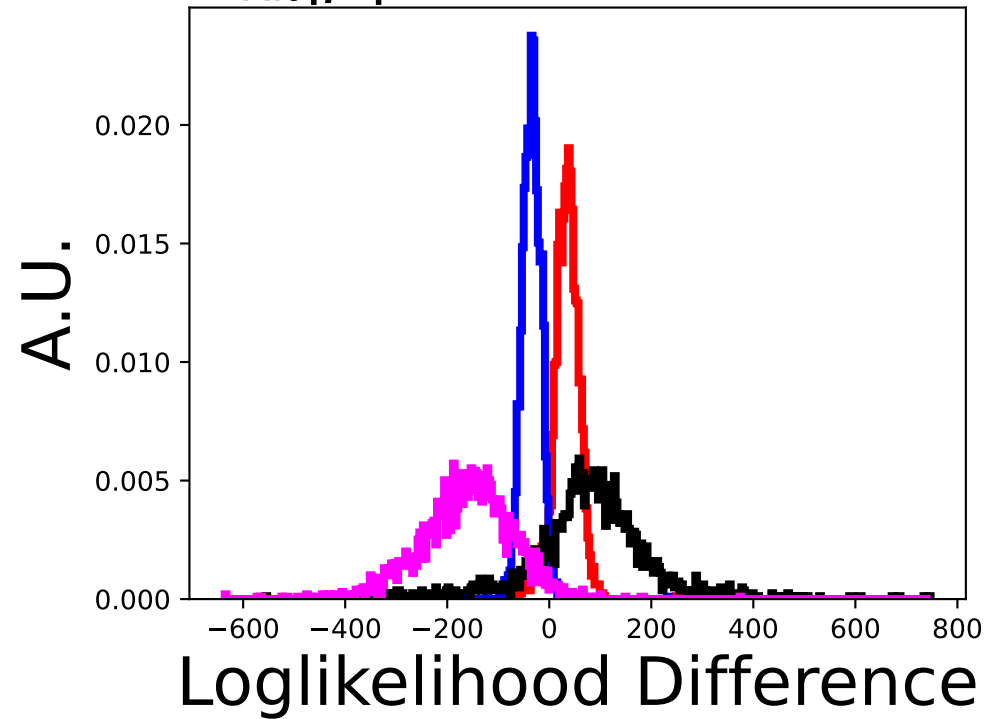
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.15, 2.25) \text{ GeV}$



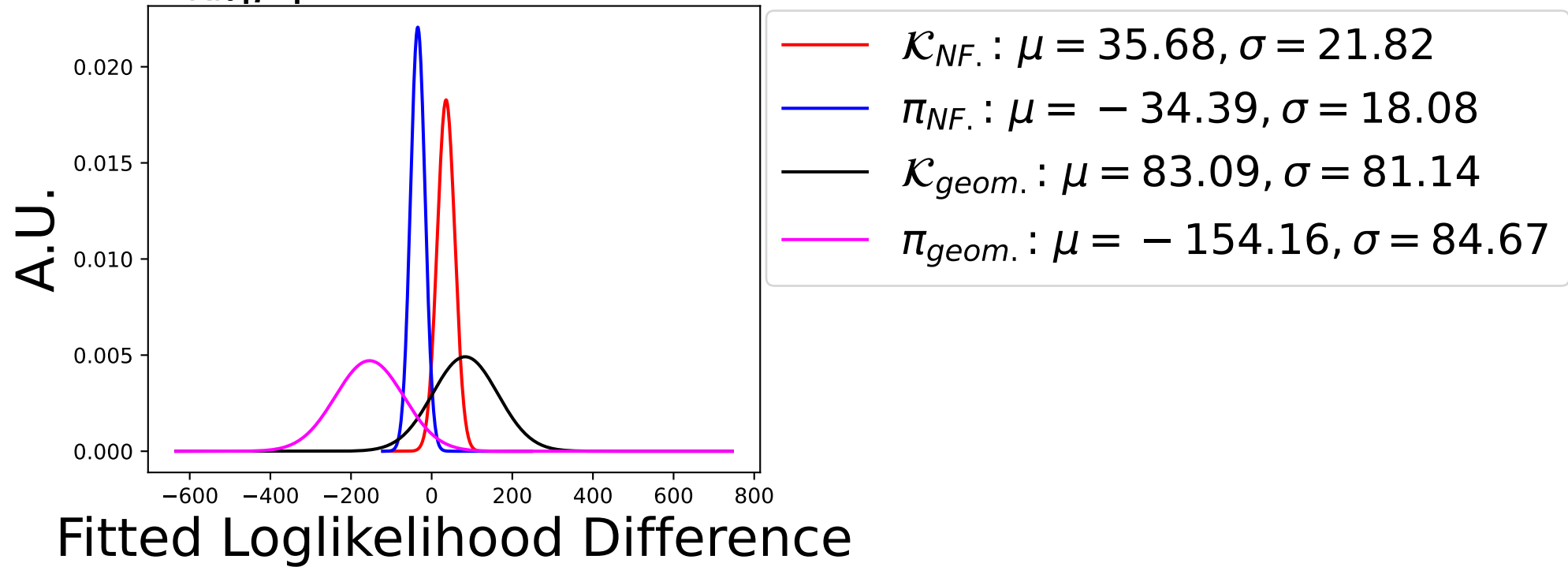




$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.45, 2.55) \text{ GeV}$

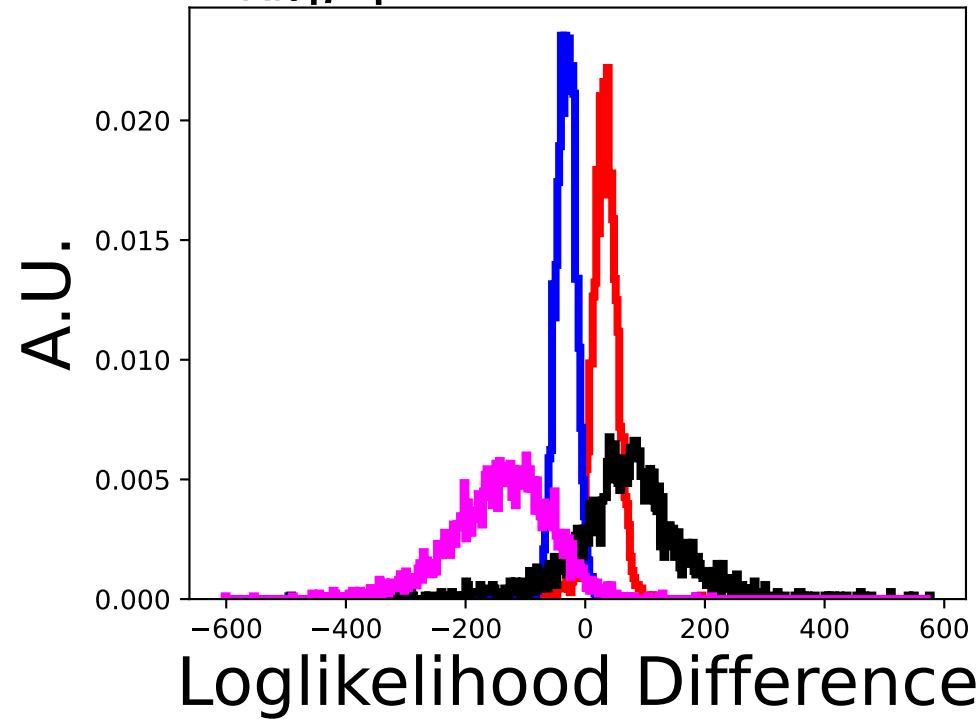


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.45, 2.55) \text{ GeV}$

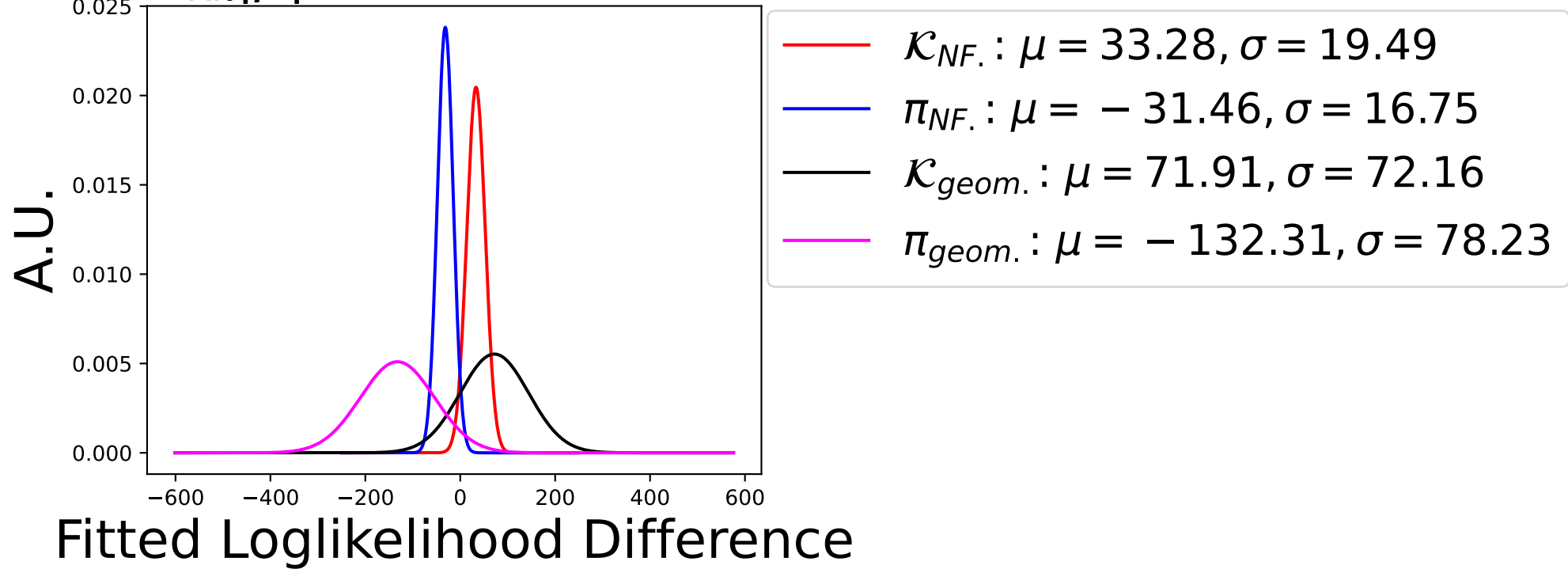




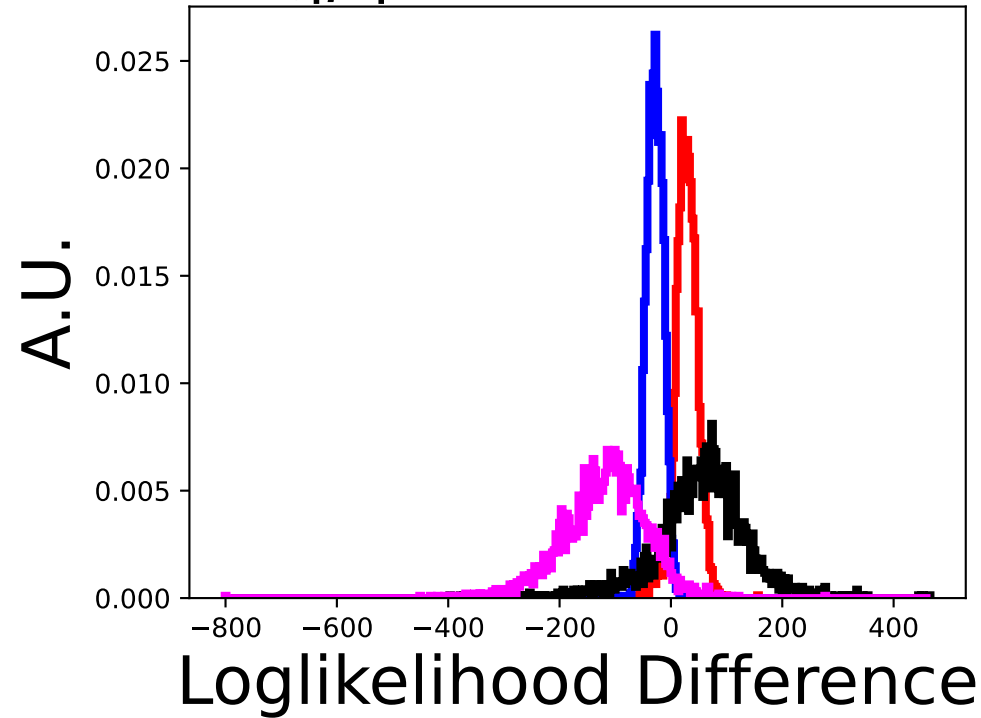
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.55, 2.65) \text{ GeV}$



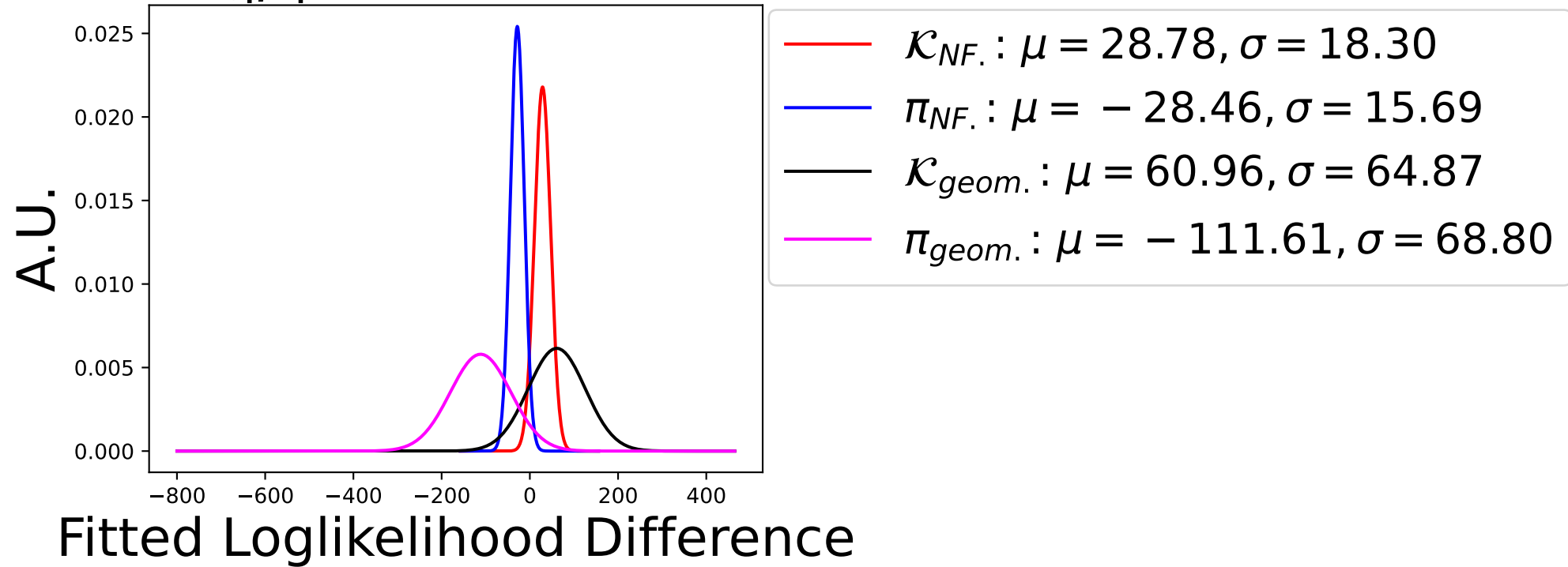
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.55, 2.65) \text{ GeV}$



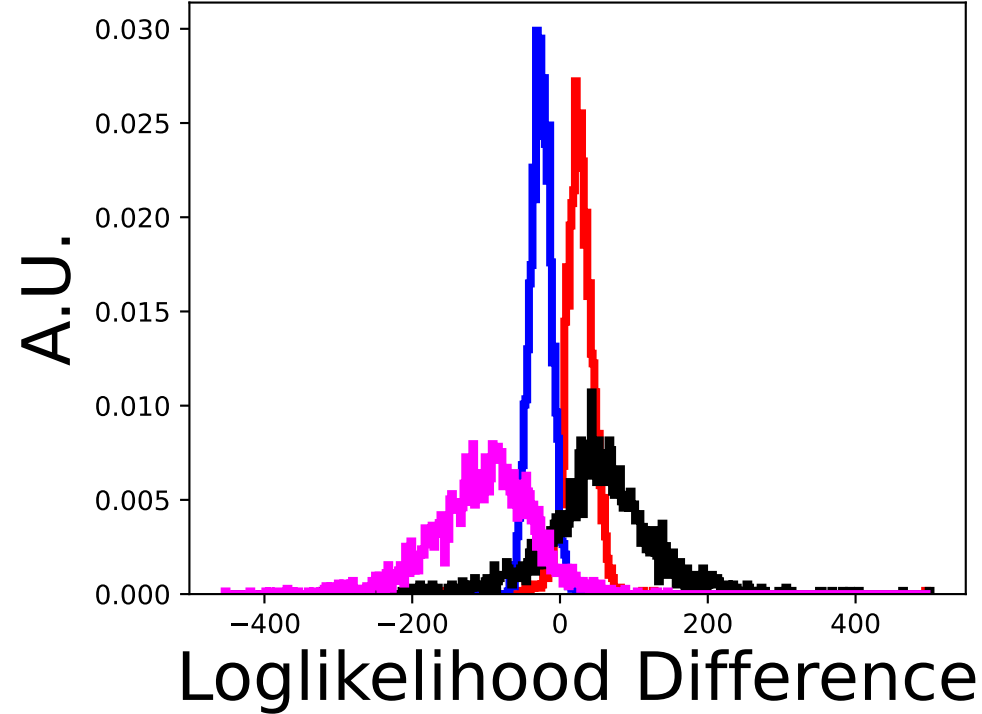
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.65, 2.75) \text{ GeV}$



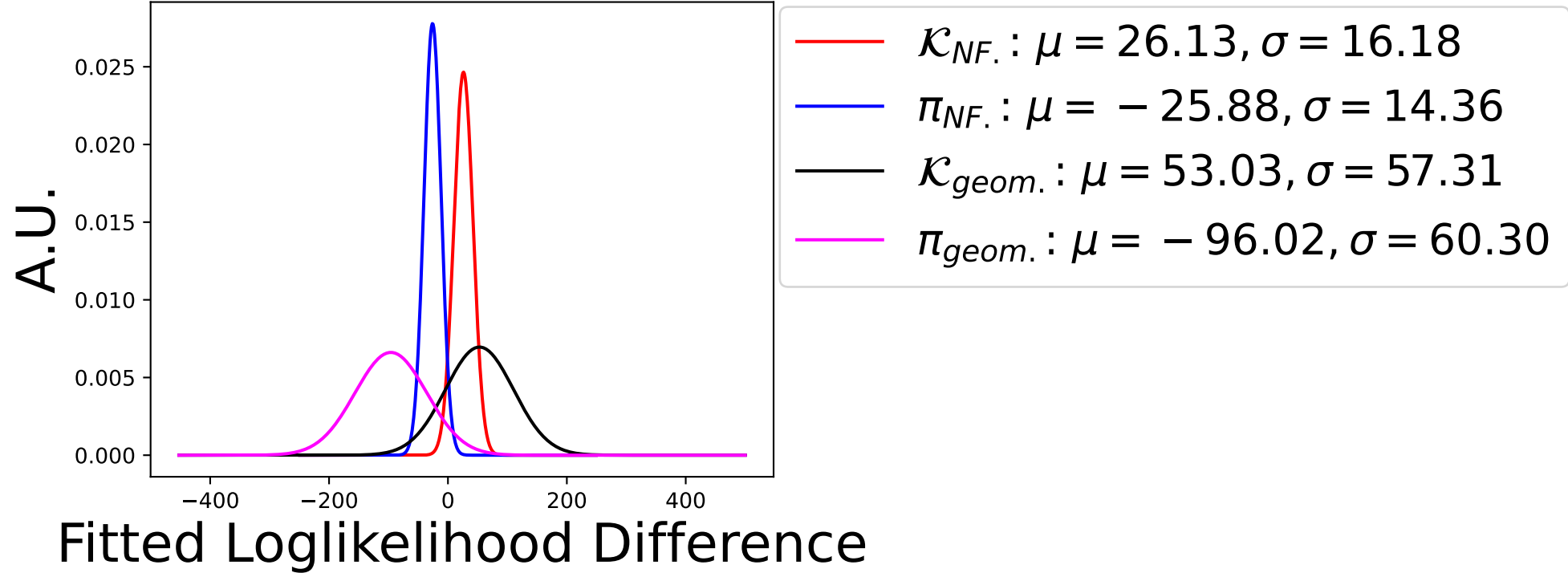
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.65, 2.75) \text{ GeV}$

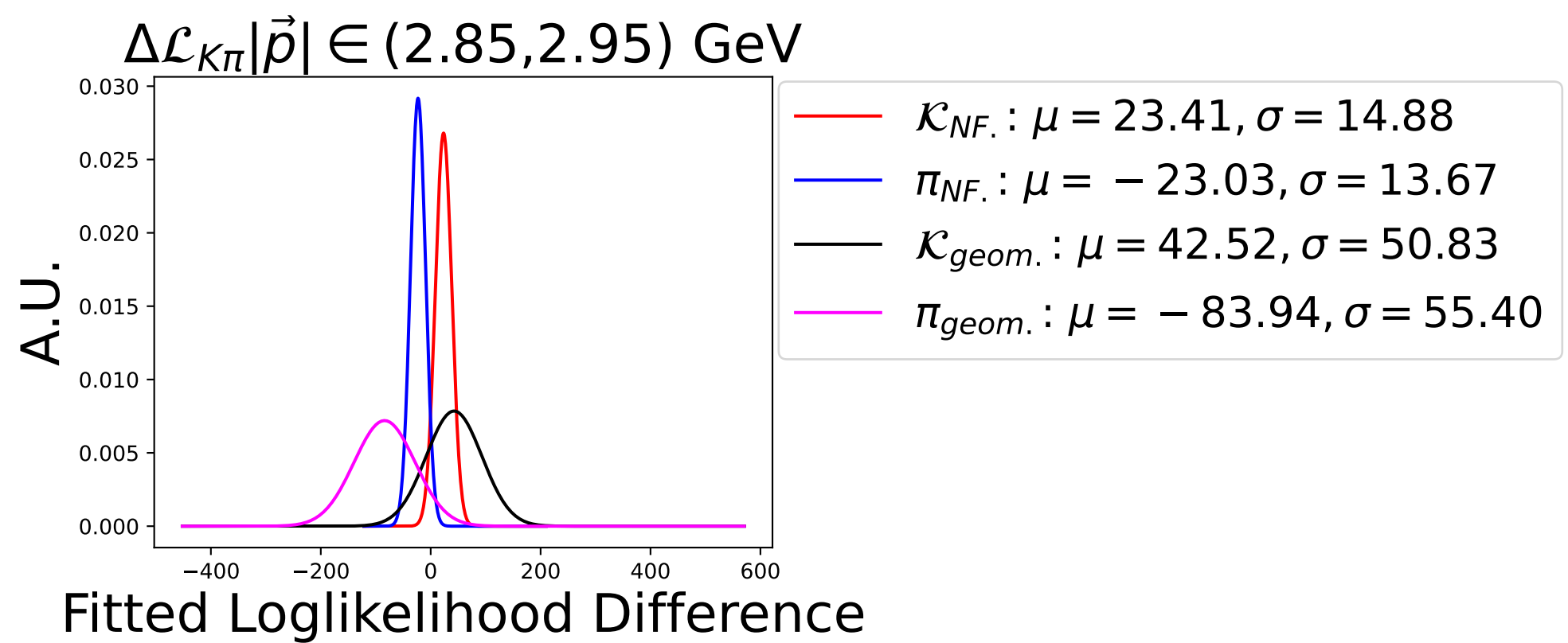
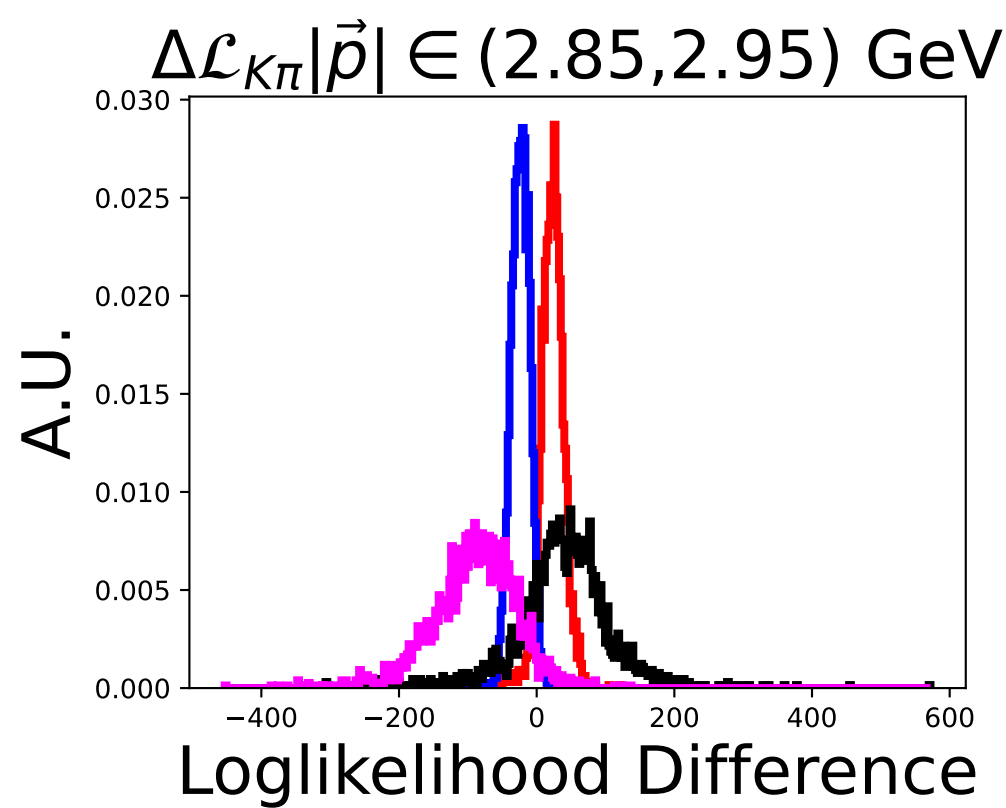


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.75, 2.85) \text{ GeV}$

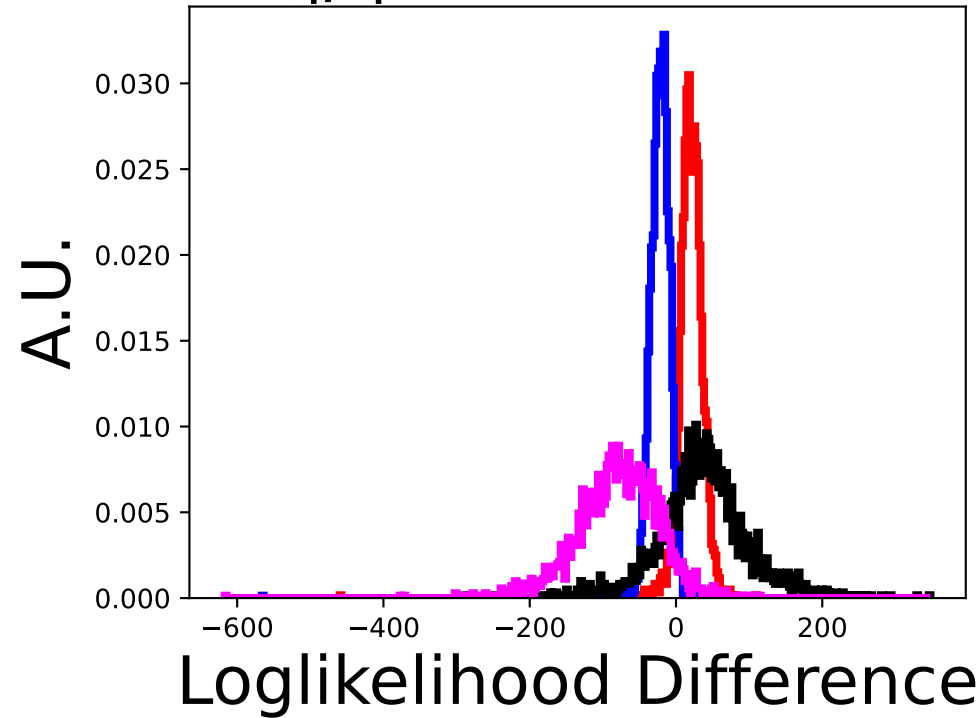


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.75, 2.85) \text{ GeV}$

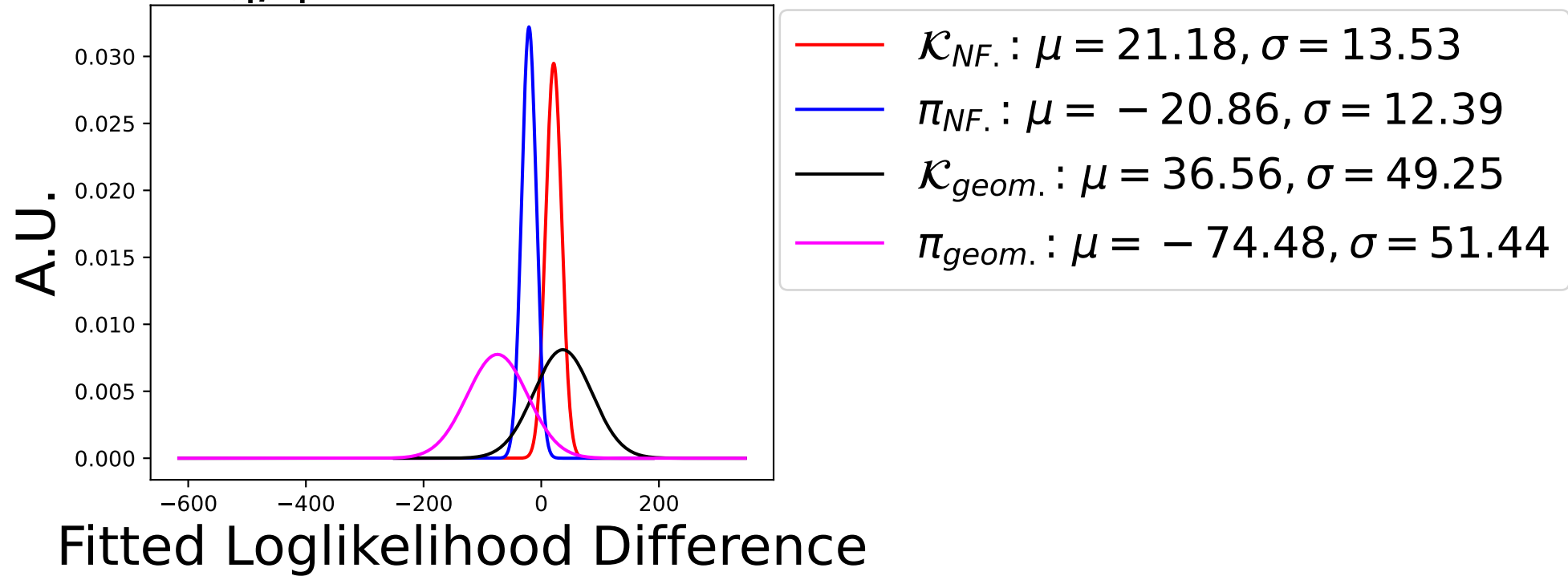


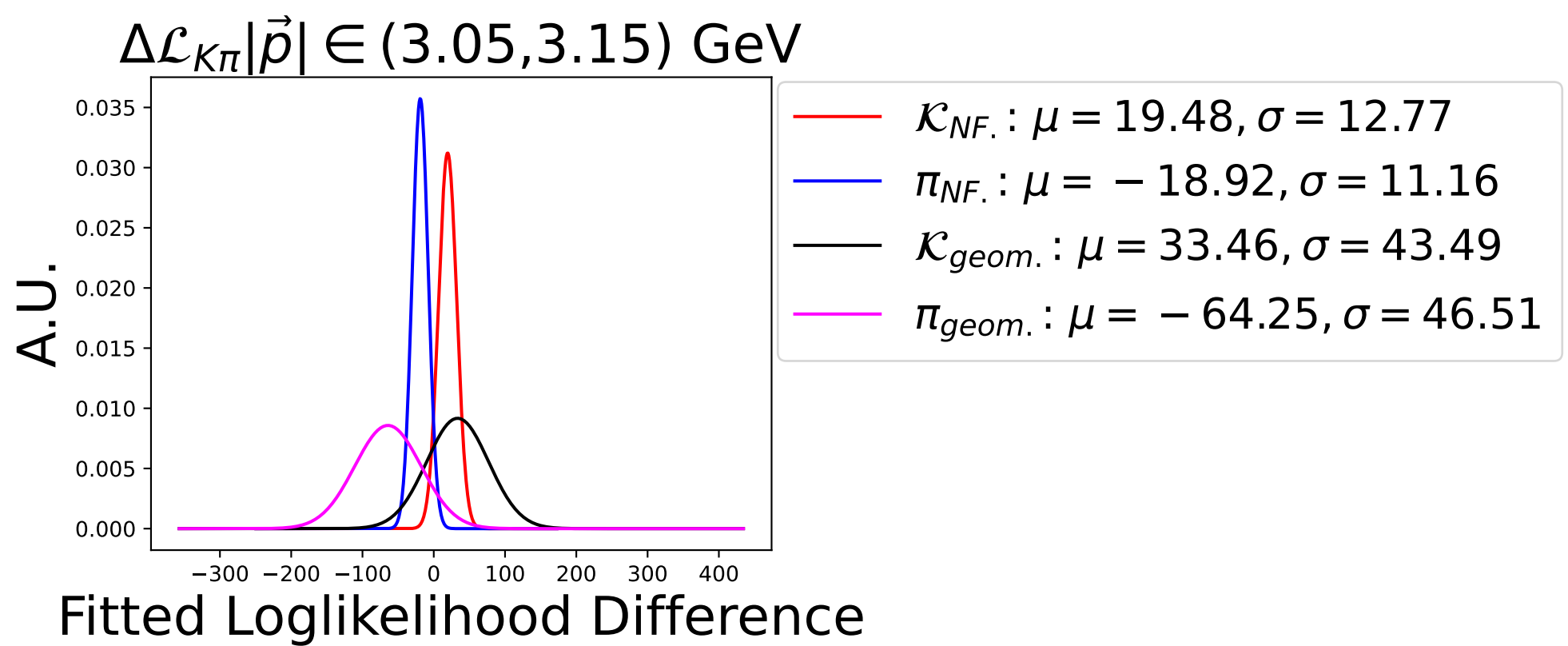
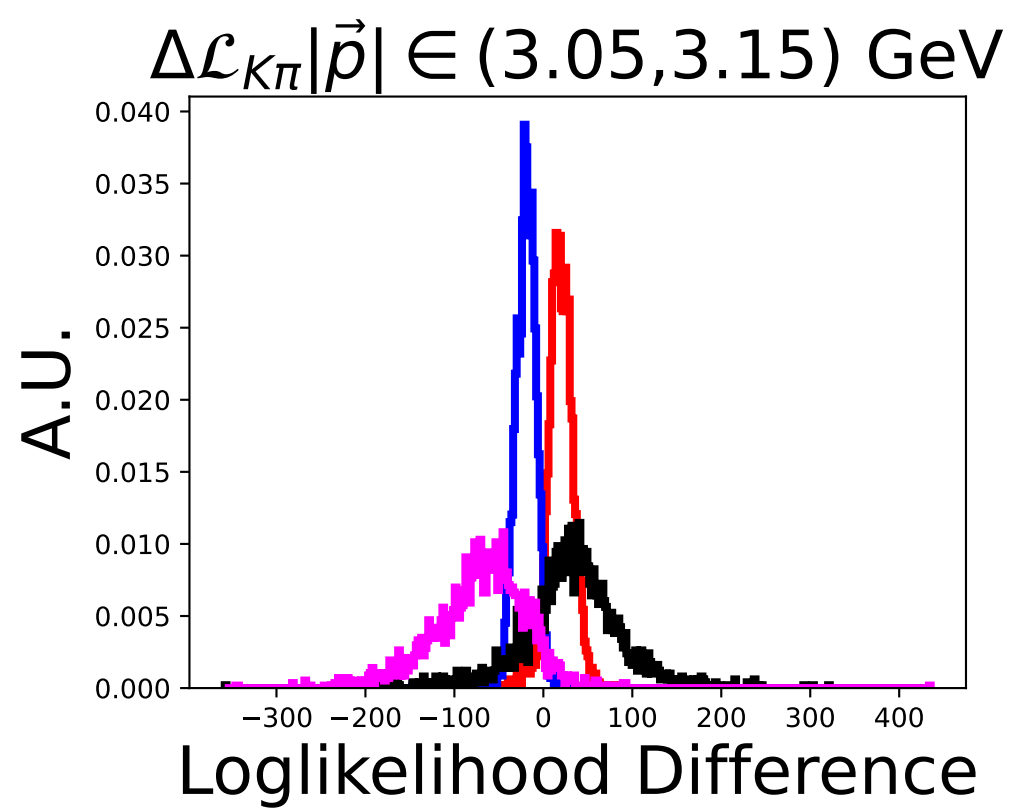


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.95, 3.05) \text{ GeV}$

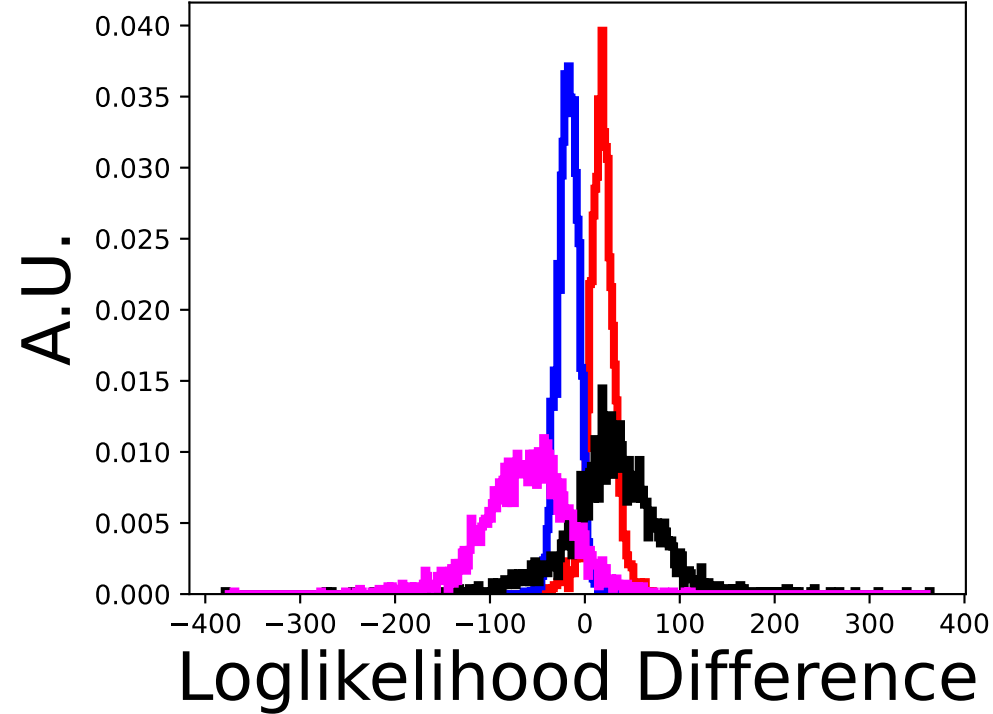


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (2.95, 3.05) \text{ GeV}$

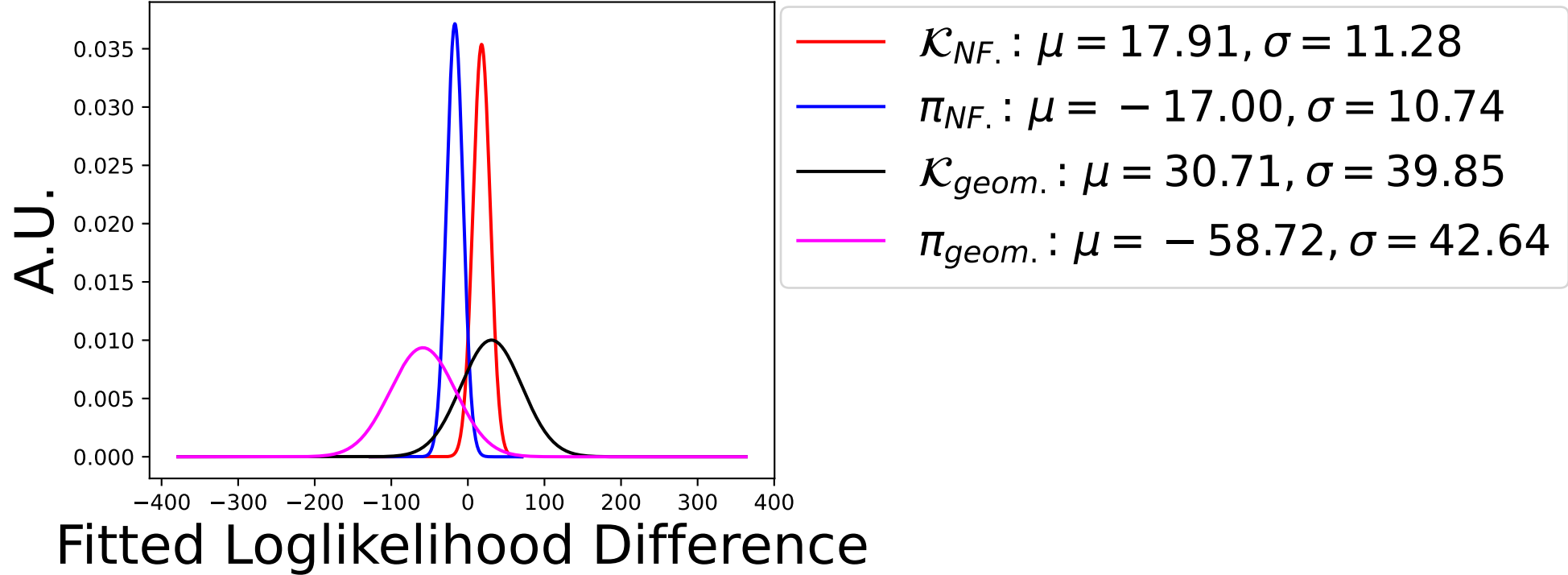




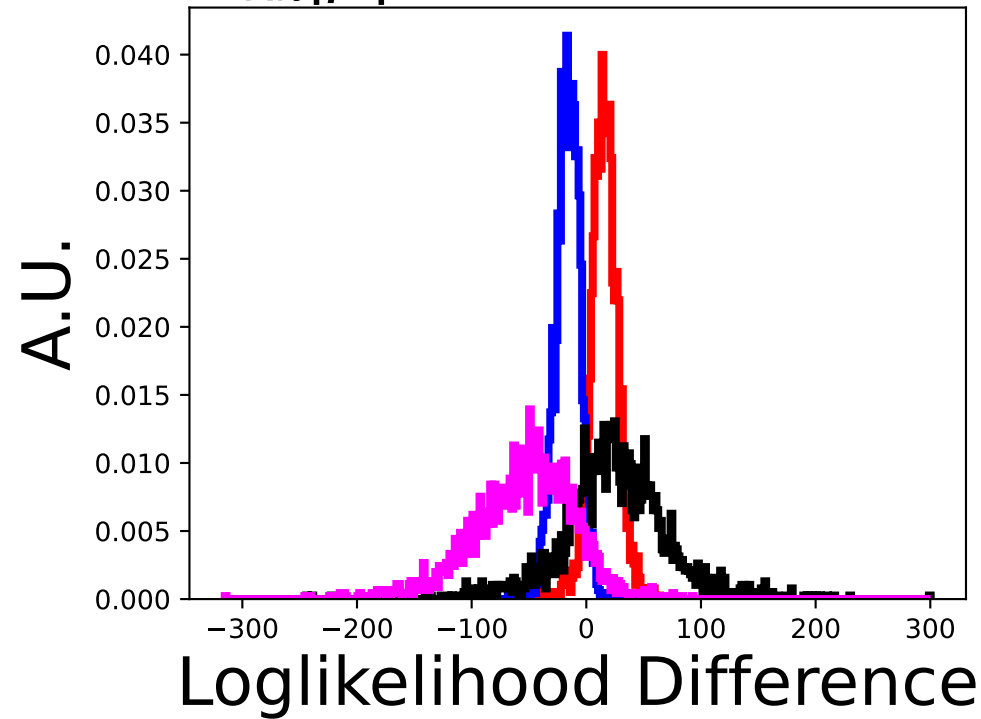
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.15, 3.25) \text{ GeV}$



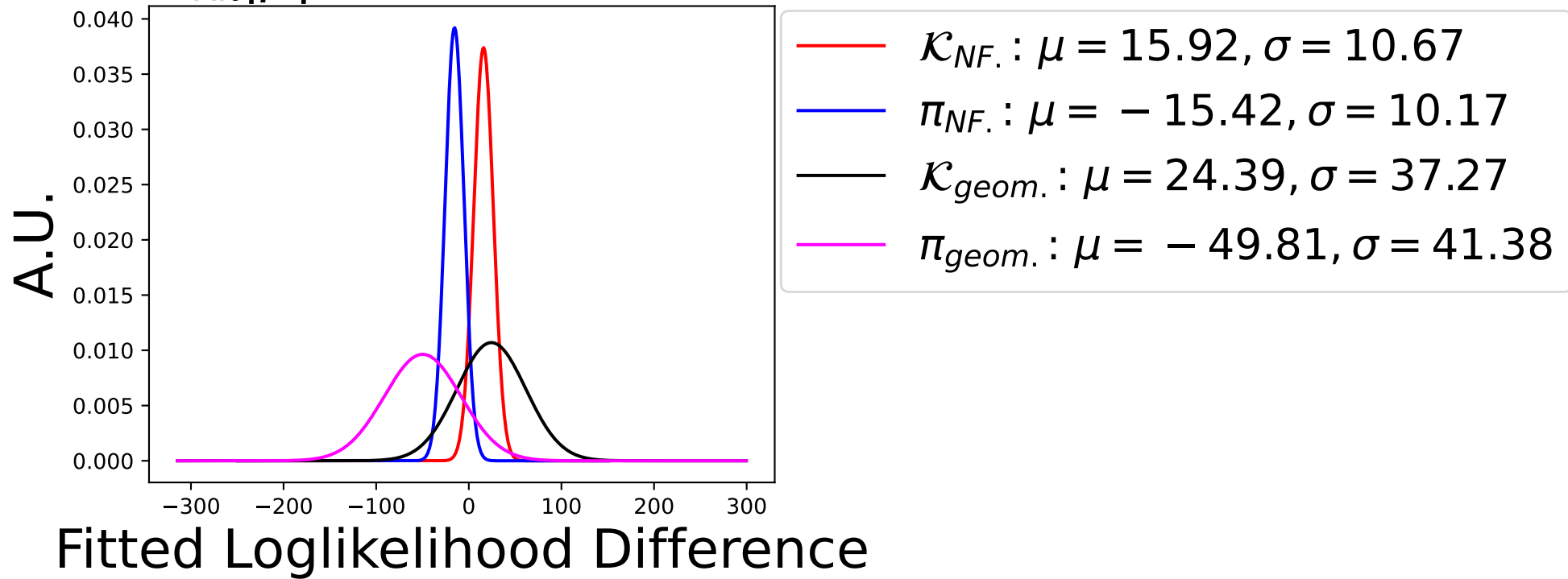
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.15, 3.25) \text{ GeV}$



$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.25, 3.35) \text{ GeV}$

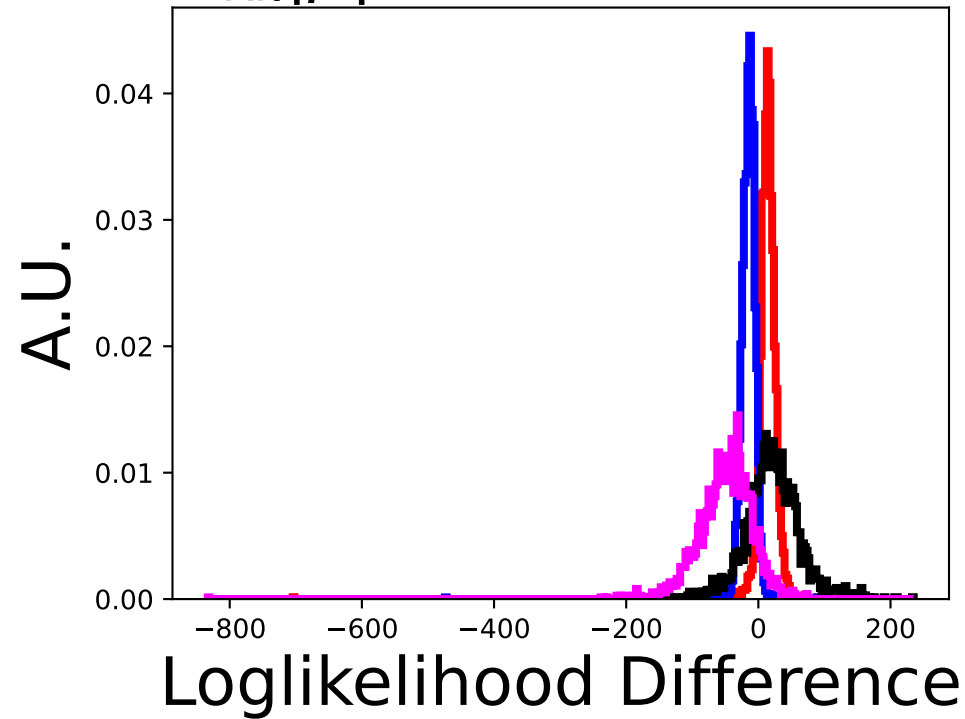


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.25, 3.35) \text{ GeV}$

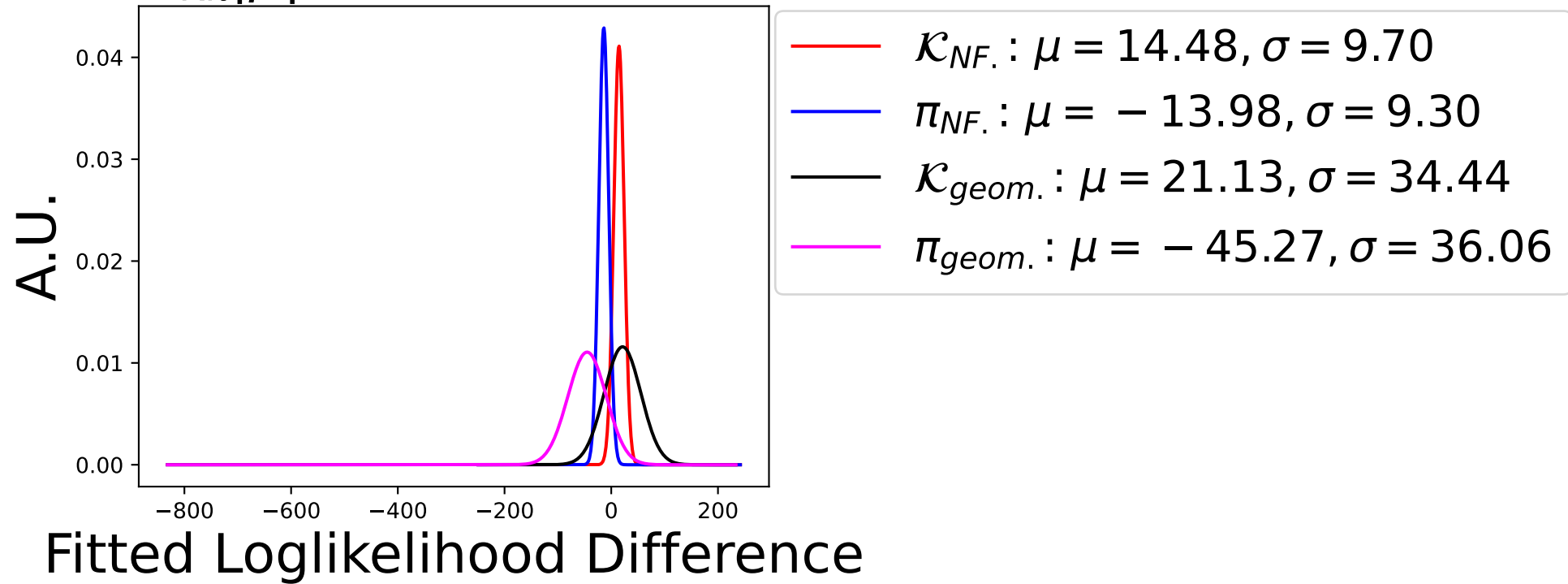




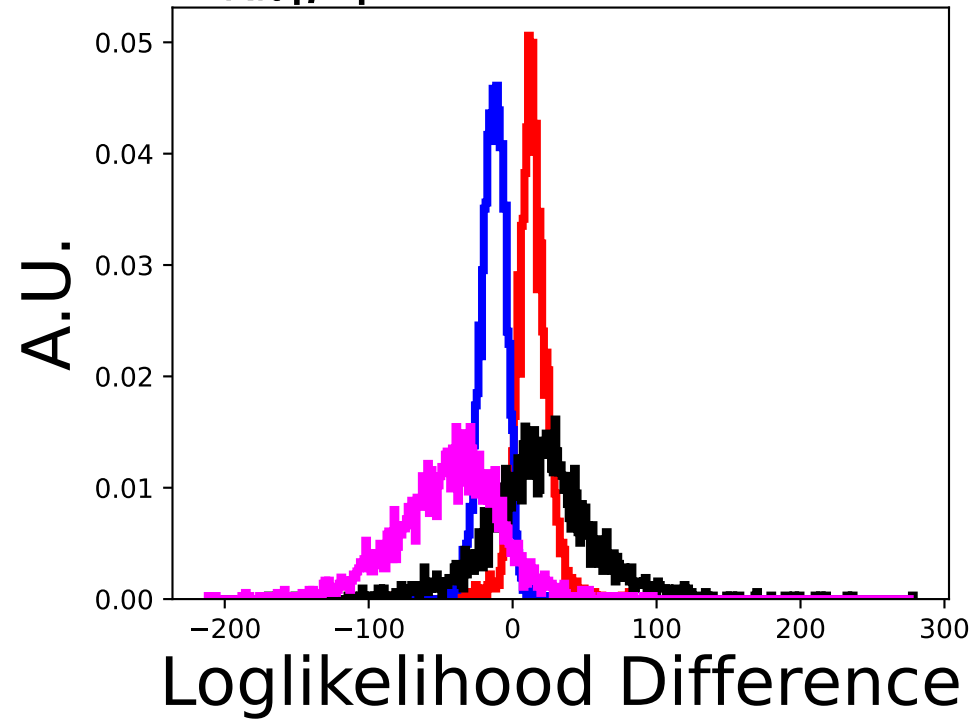
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.35, 3.45) \text{ GeV}$



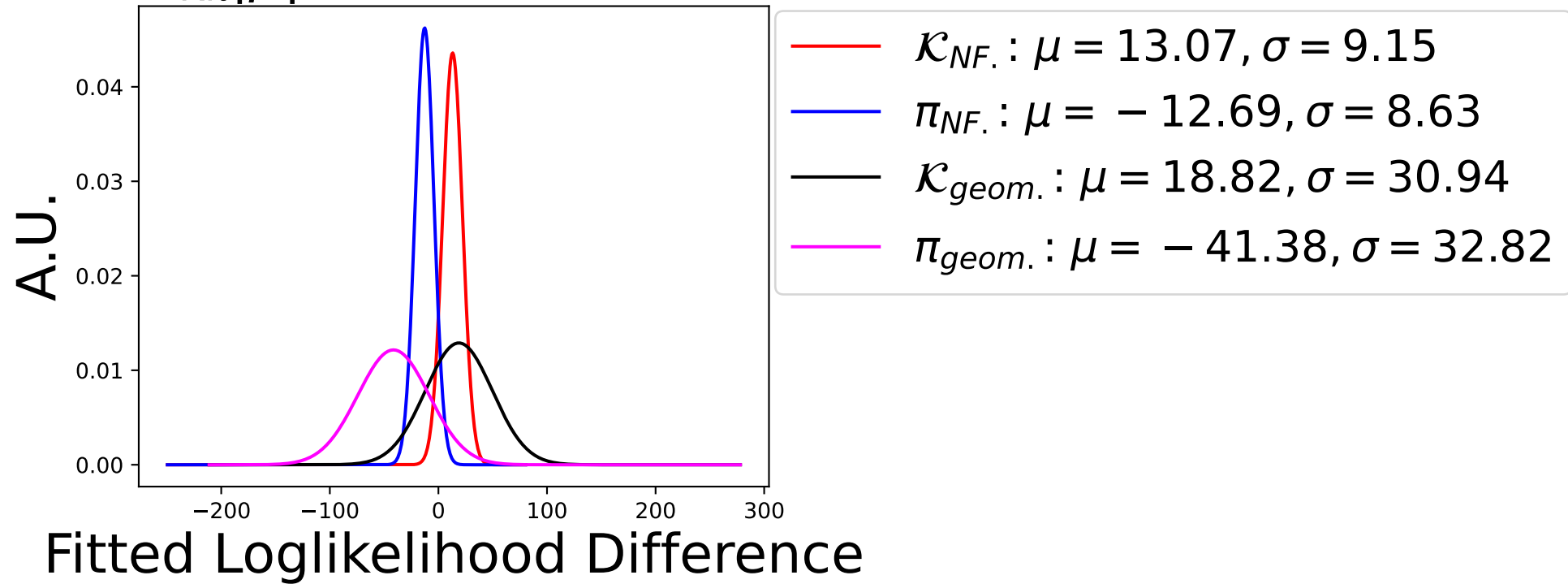
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.35, 3.45) \text{ GeV}$



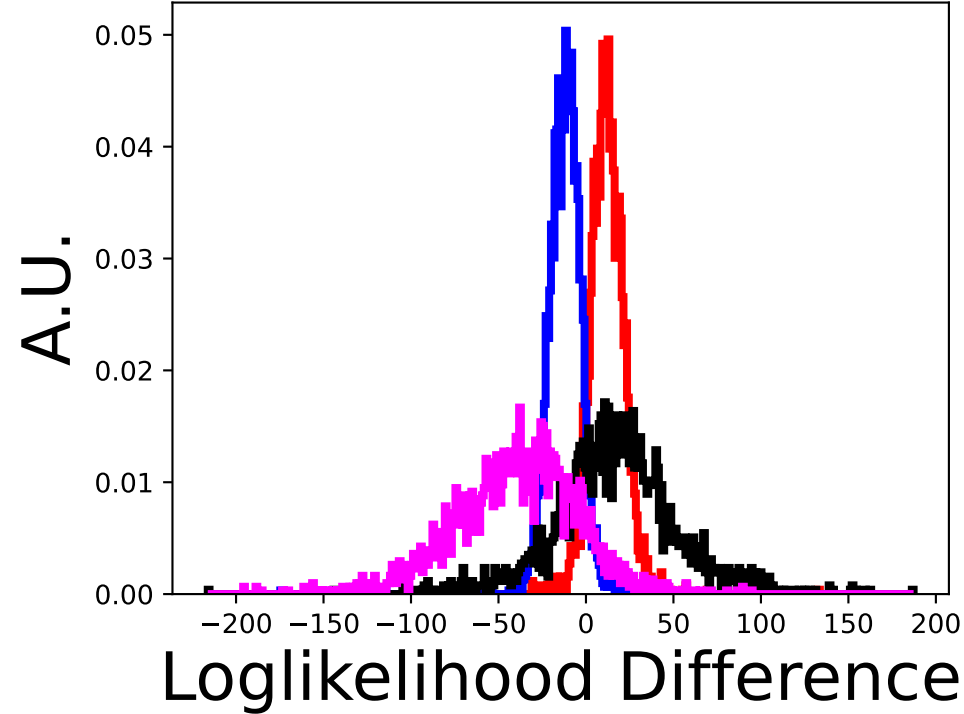
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.45, 3.55) \text{ GeV}$



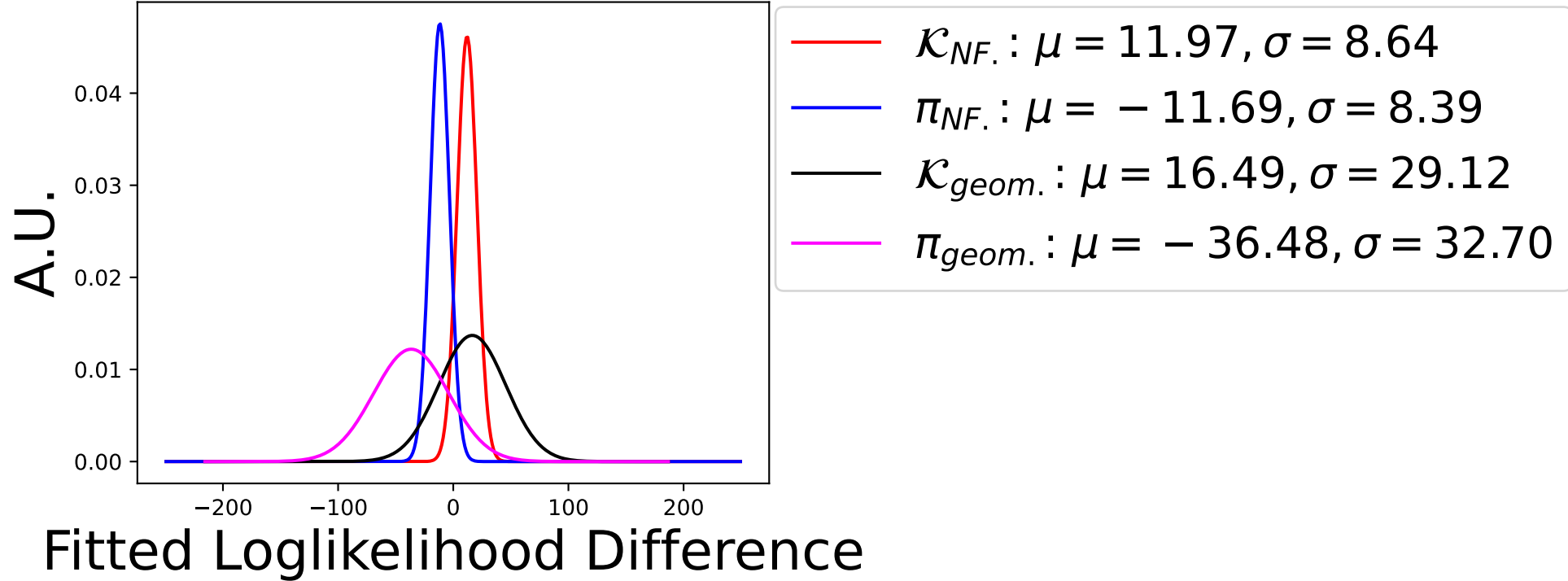
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.45, 3.55) \text{ GeV}$



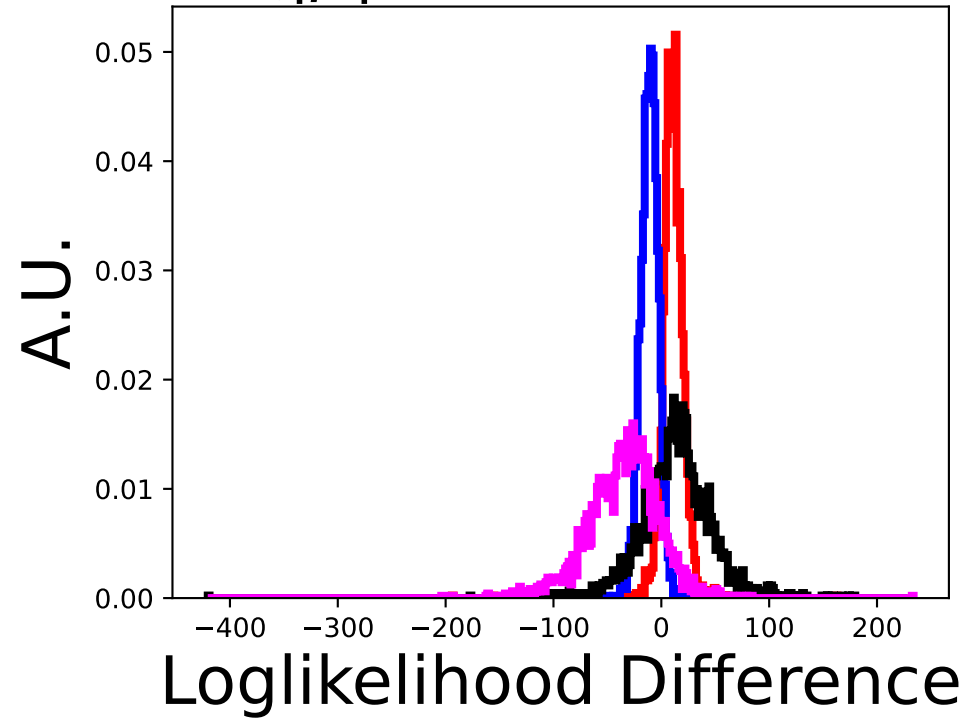
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.55, 3.65) \text{ GeV}$



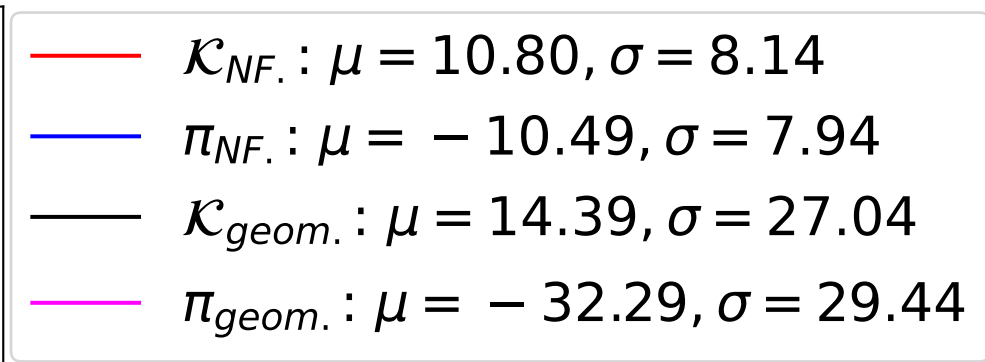
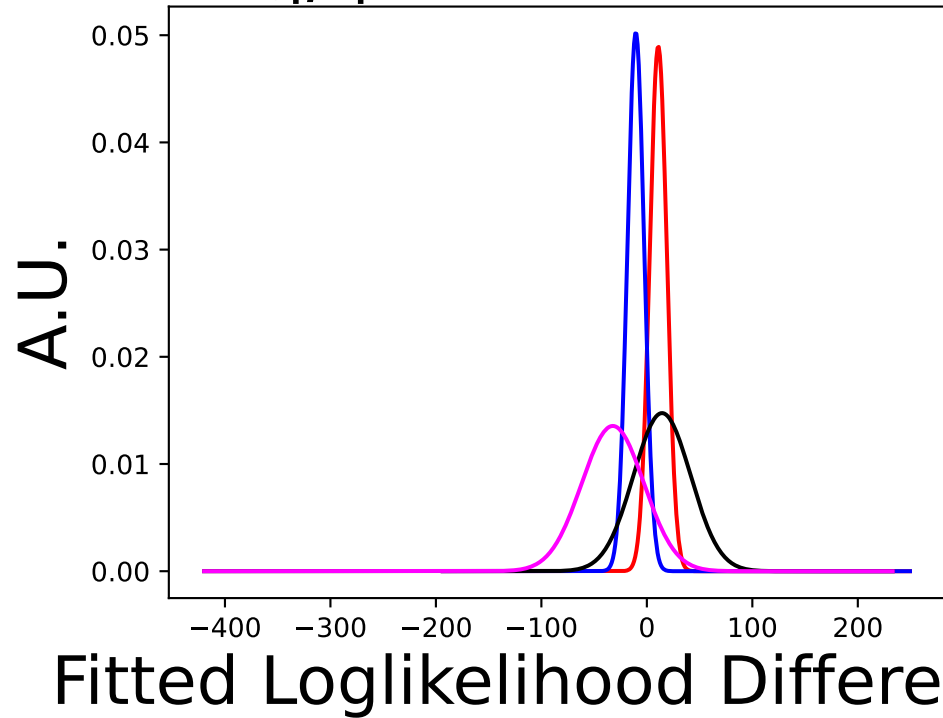
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.55, 3.65) \text{ GeV}$



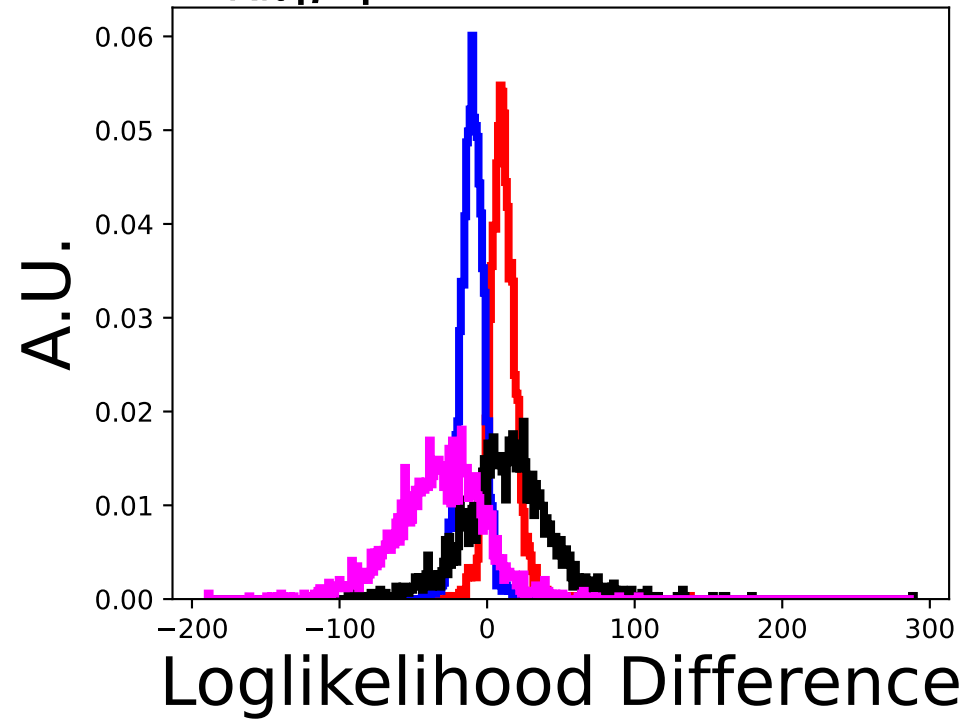
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.65, 3.75) \text{ GeV}$



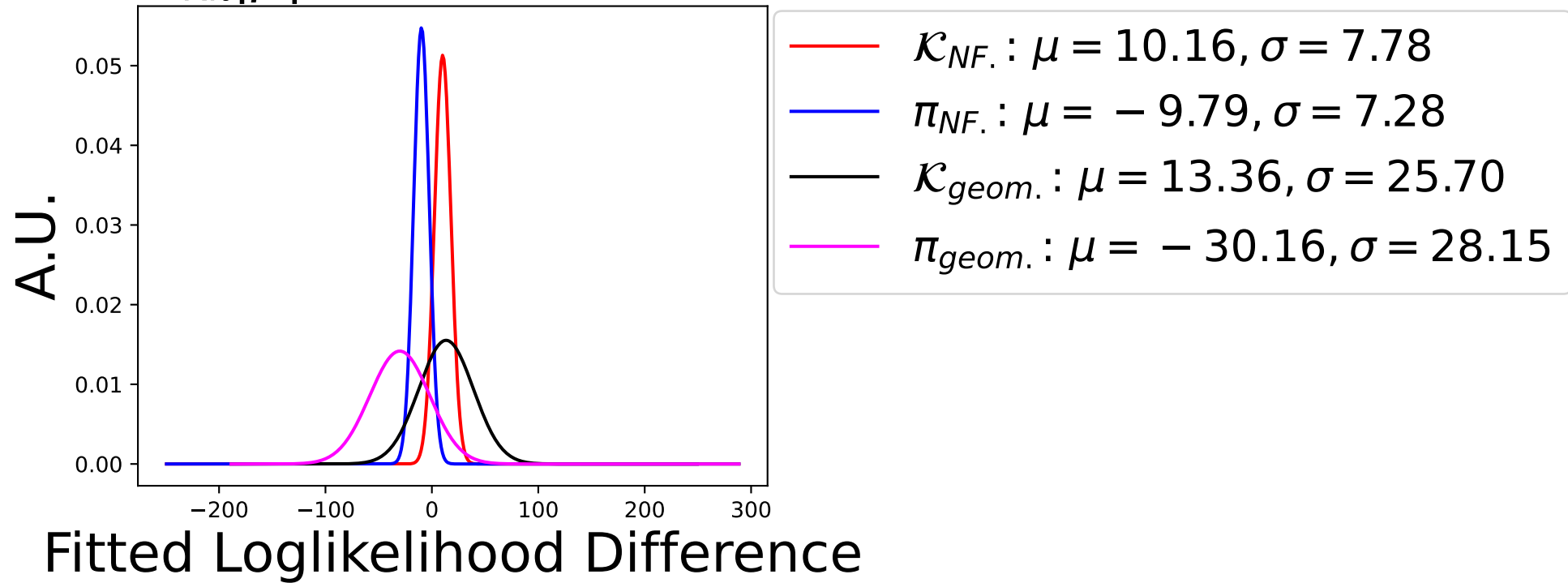
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.65, 3.75) \text{ GeV}$



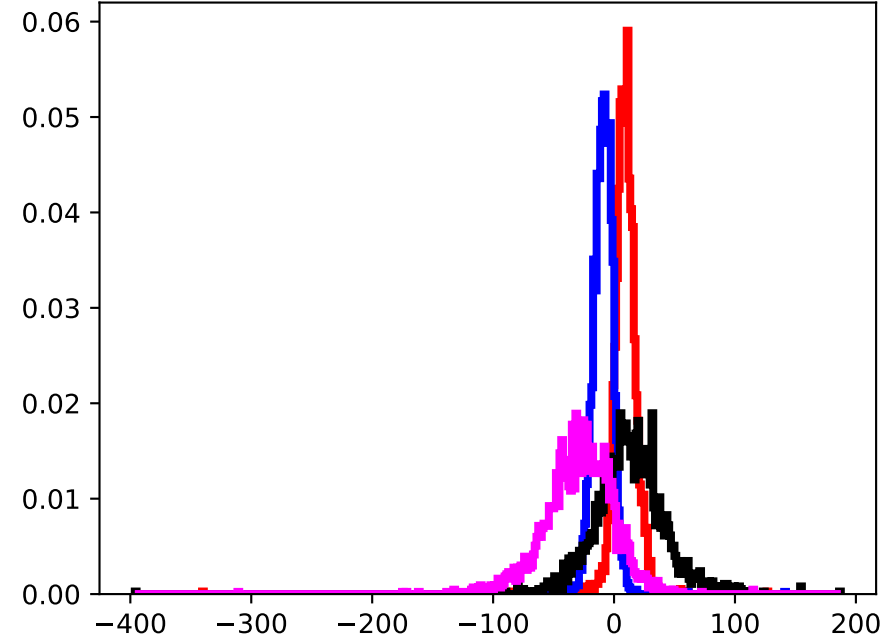
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.75, 3.85) \text{ GeV}$



$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.75, 3.85) \text{ GeV}$

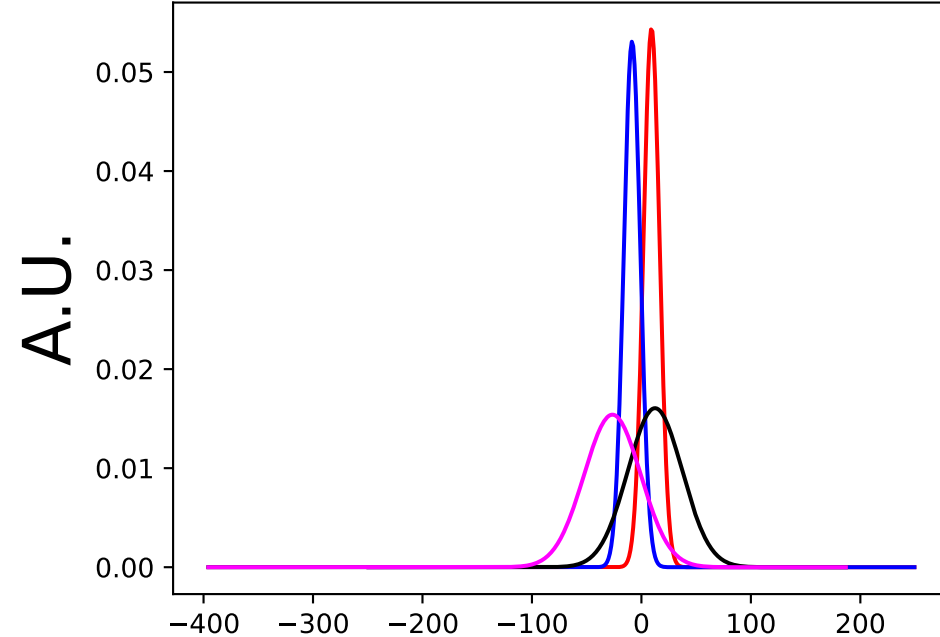


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.85, 3.95) \text{ GeV}$

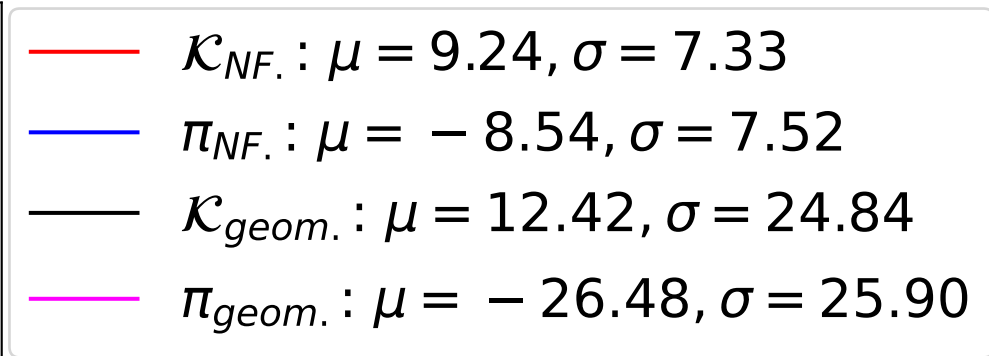


Loglikelihood Difference

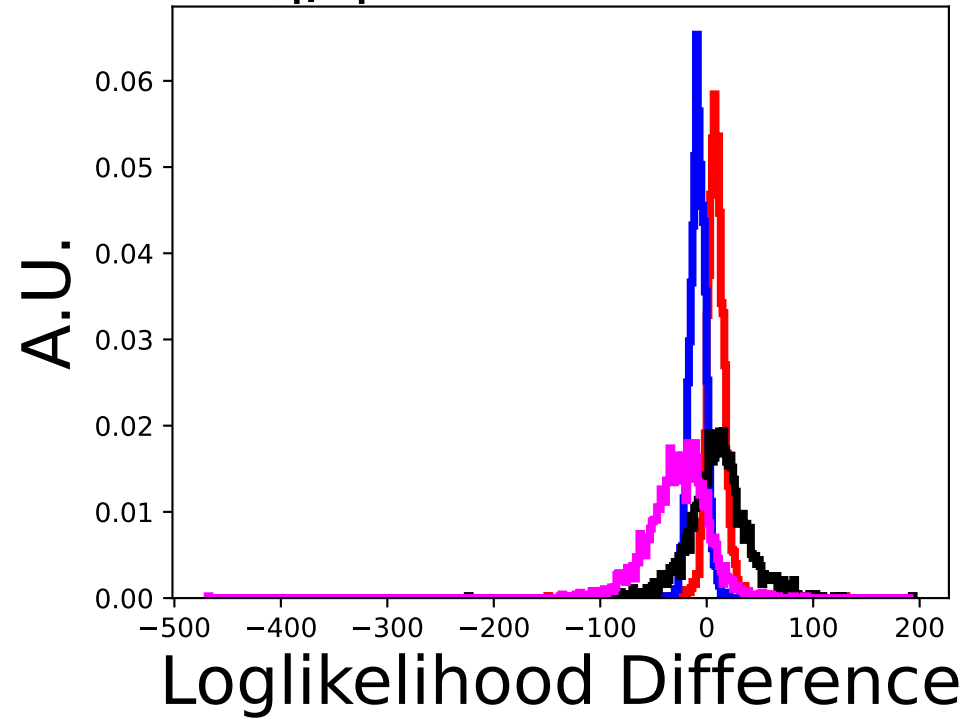
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.85, 3.95) \text{ GeV}$



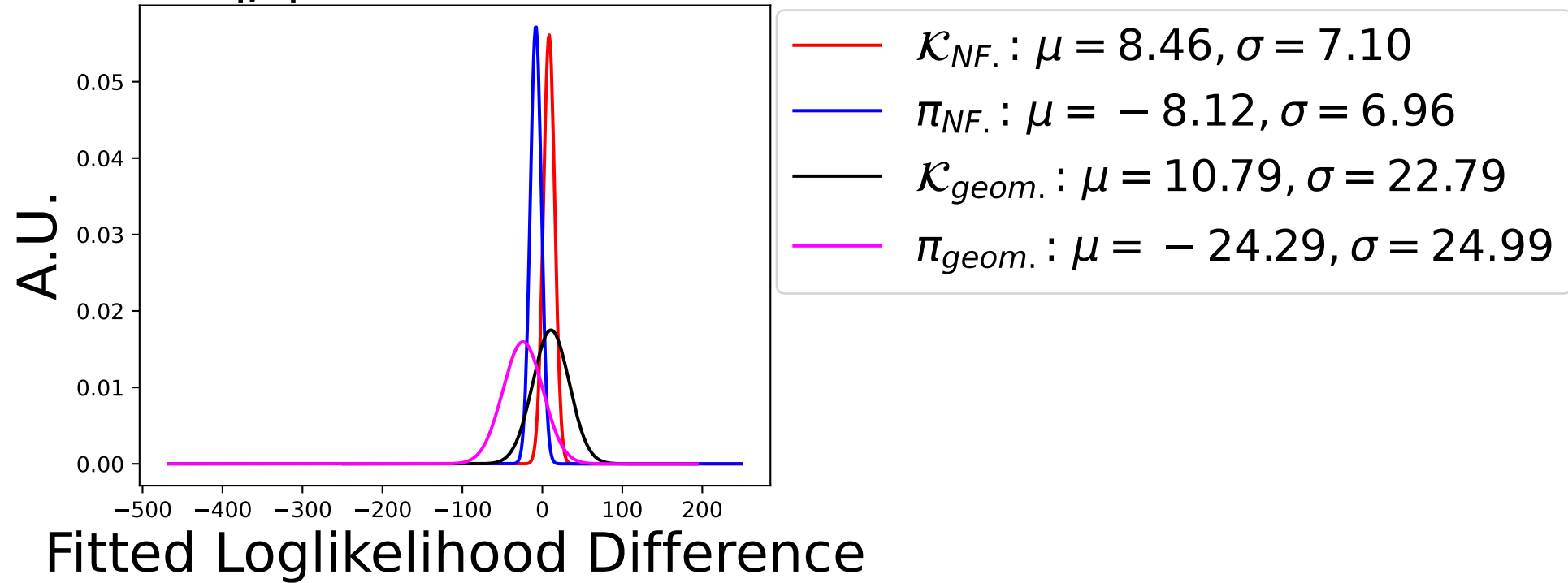
Fitted Loglikelihood Difference



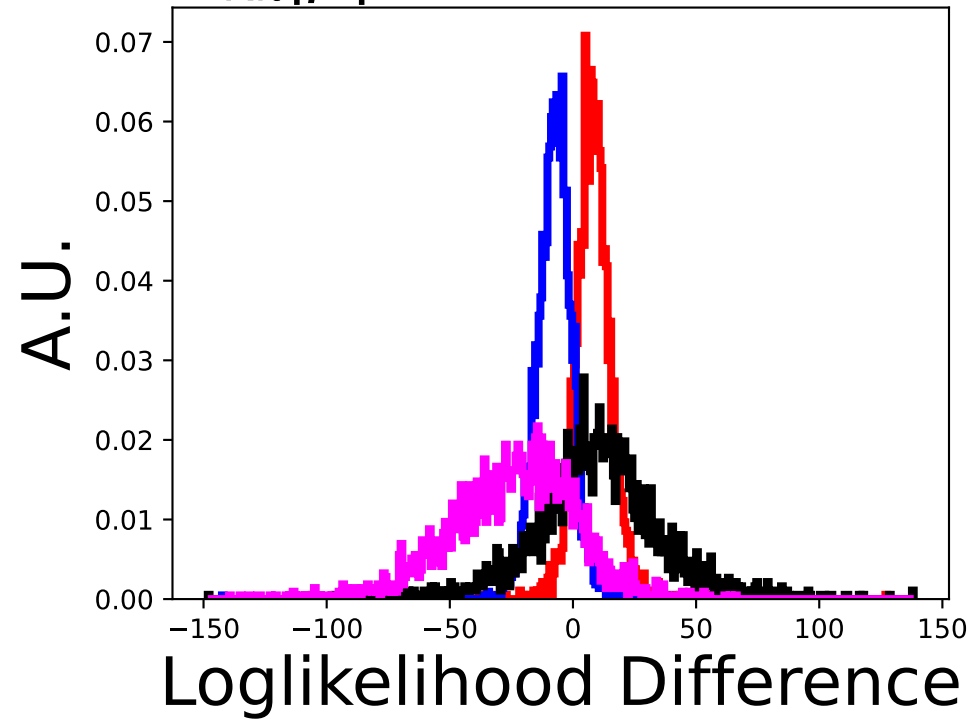
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.95, 4.05) \text{ GeV}$



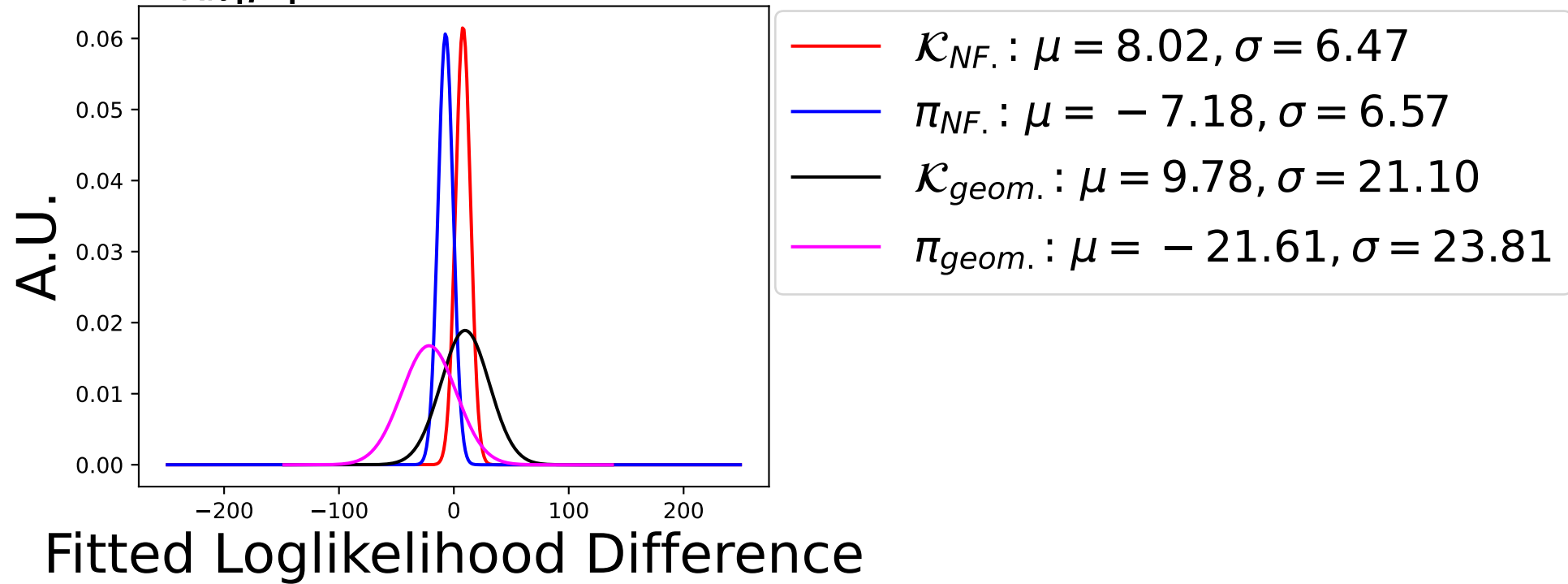
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (3.95, 4.05) \text{ GeV}$



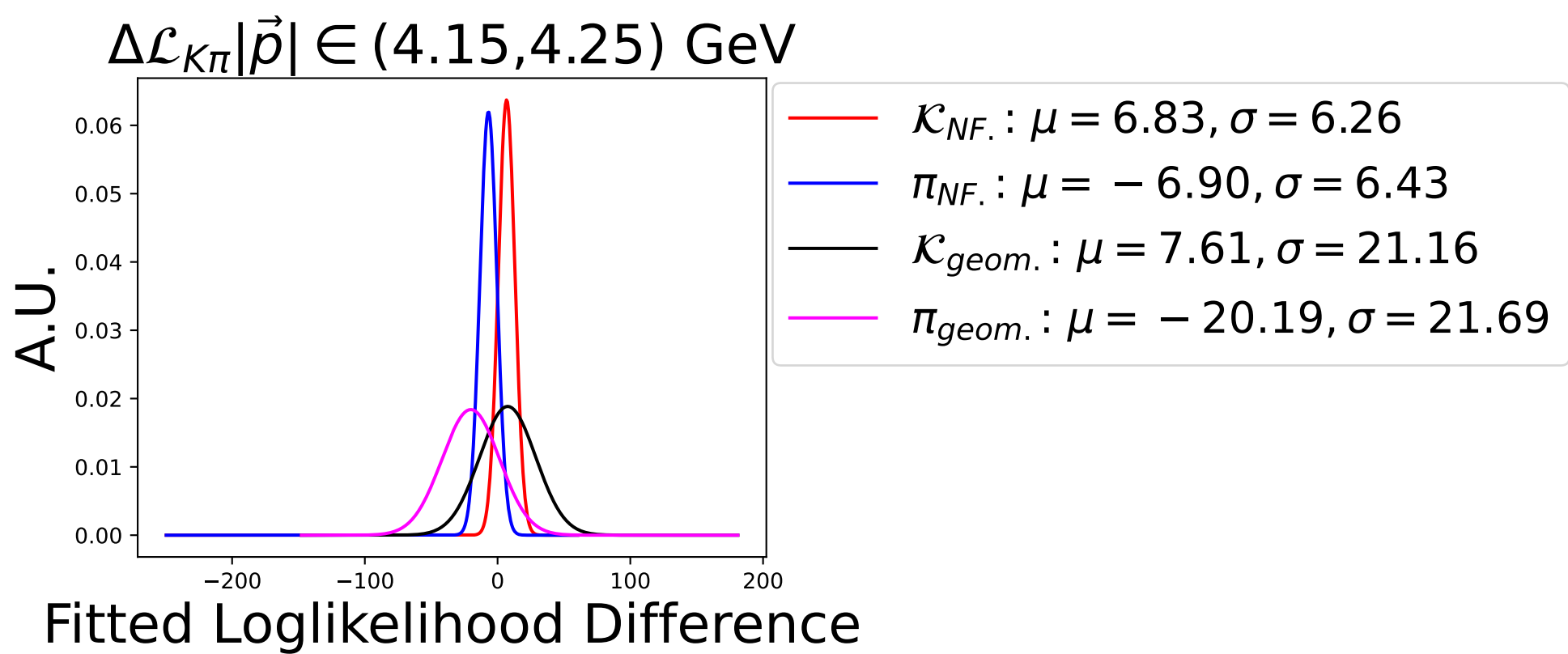
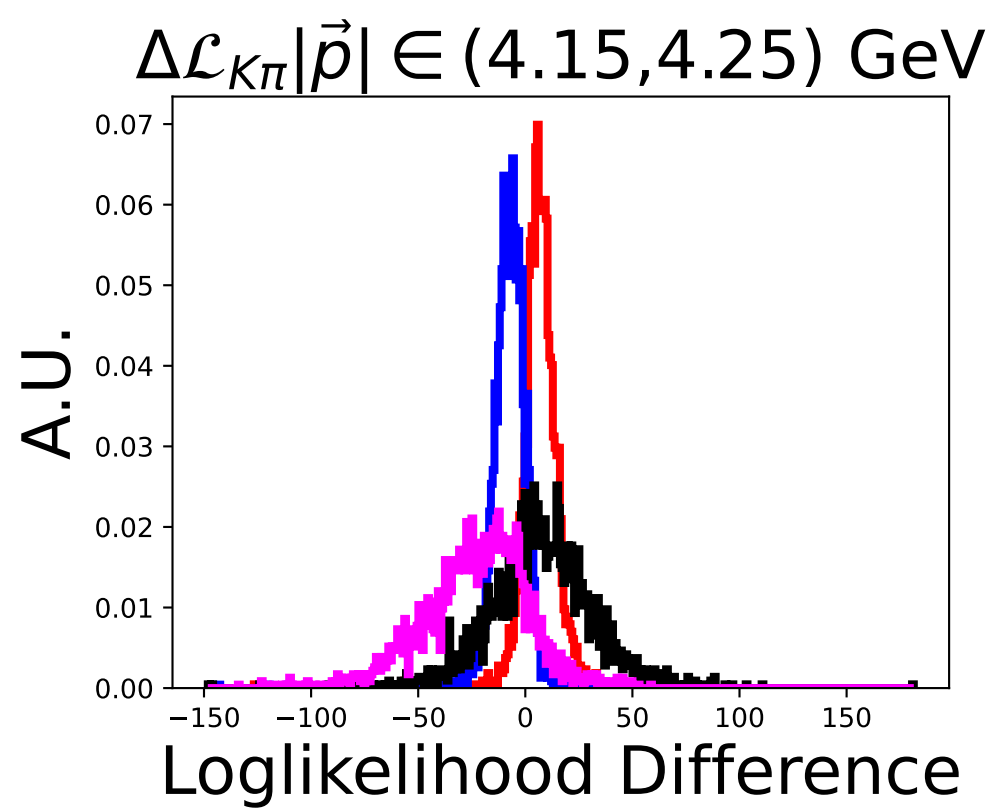
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.05, 4.15) \text{ GeV}$

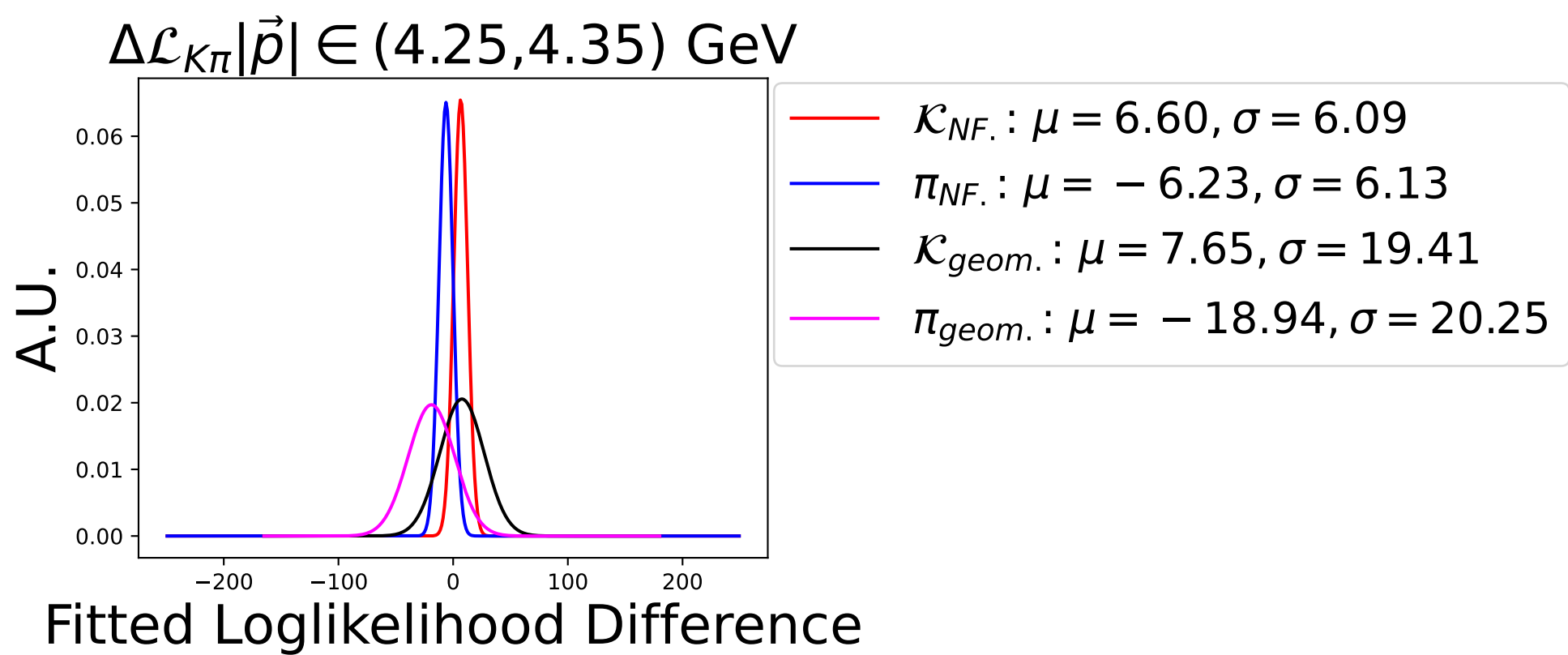
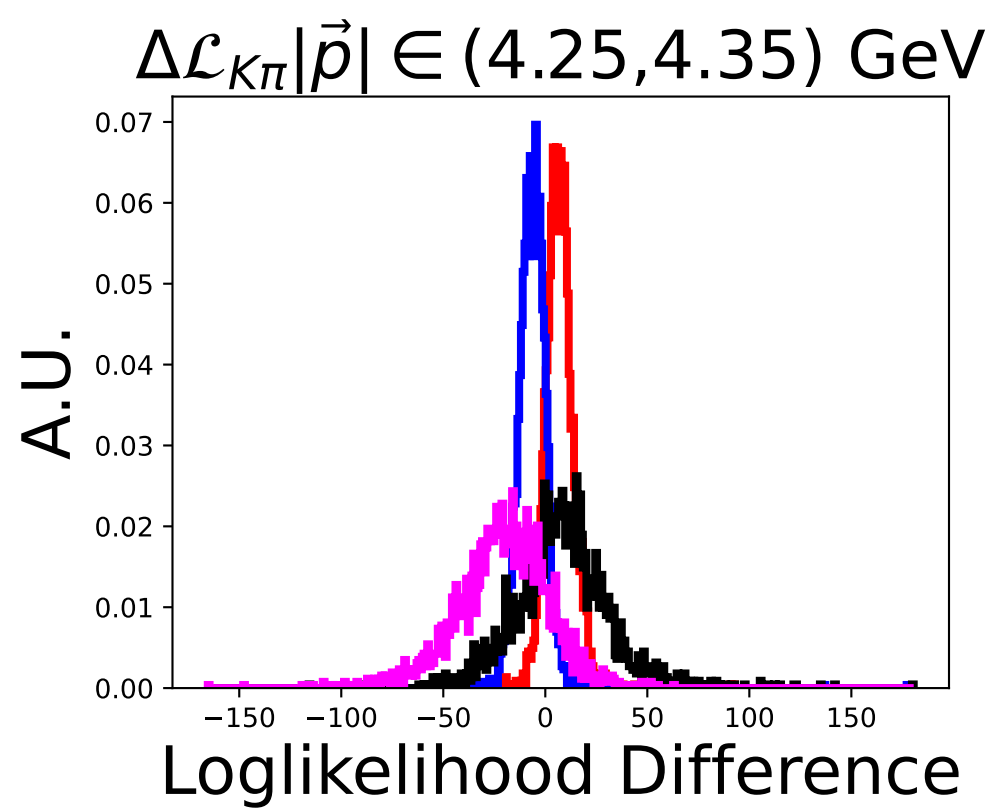


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.05, 4.15) \text{ GeV}$

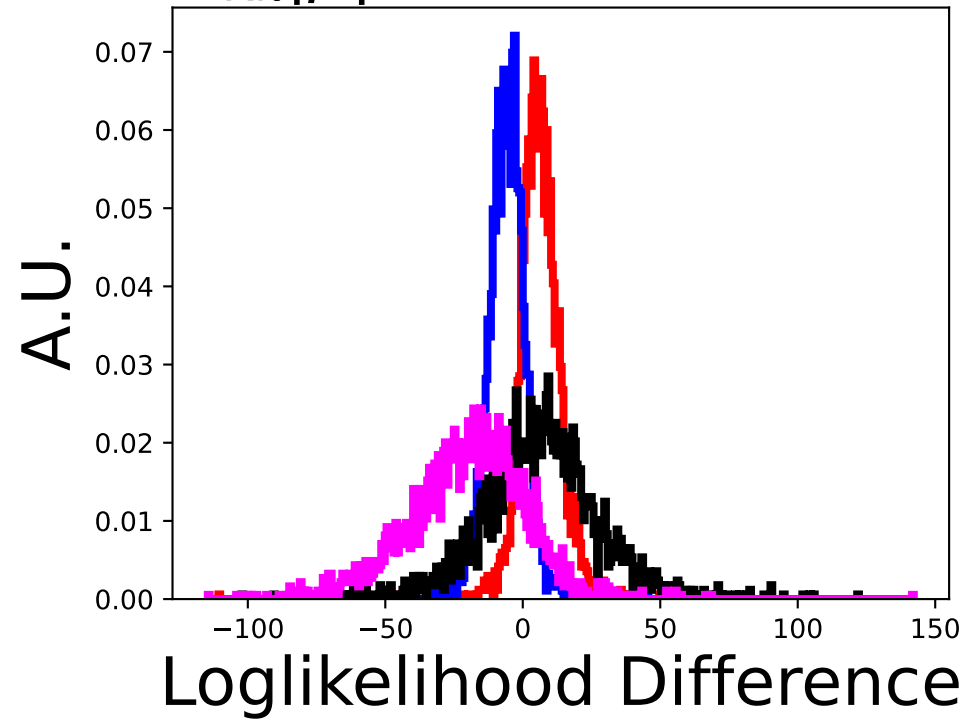




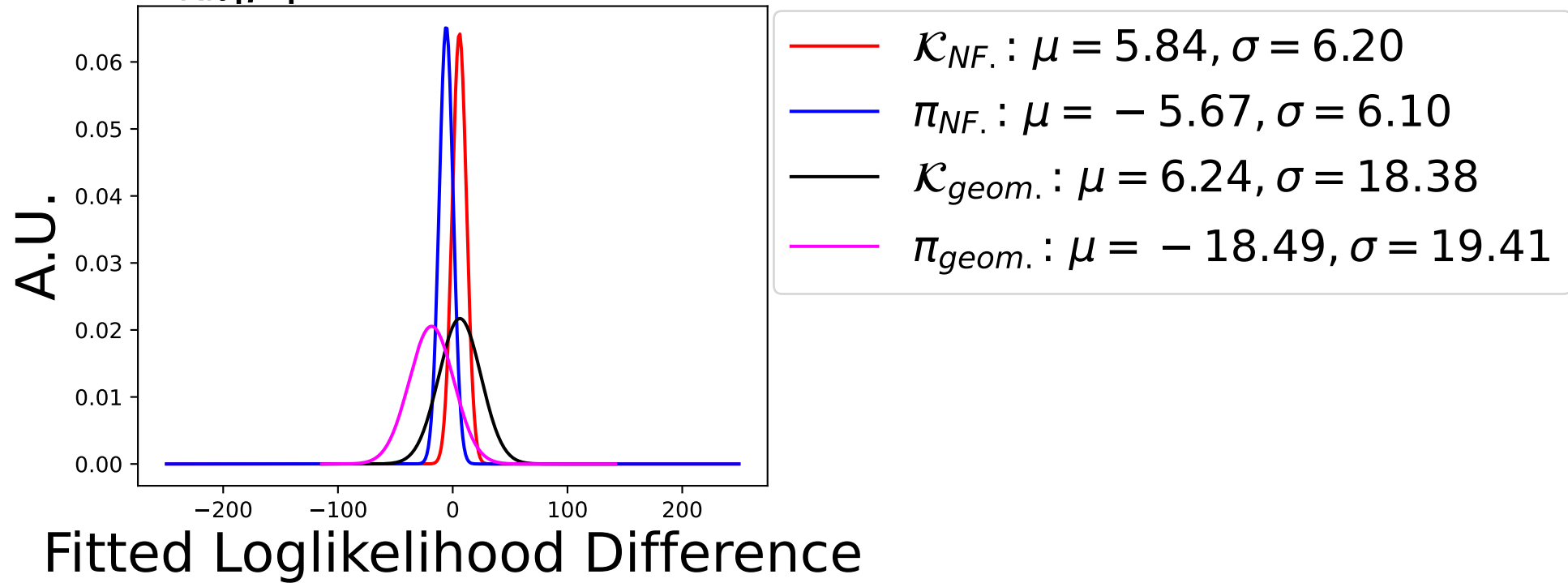




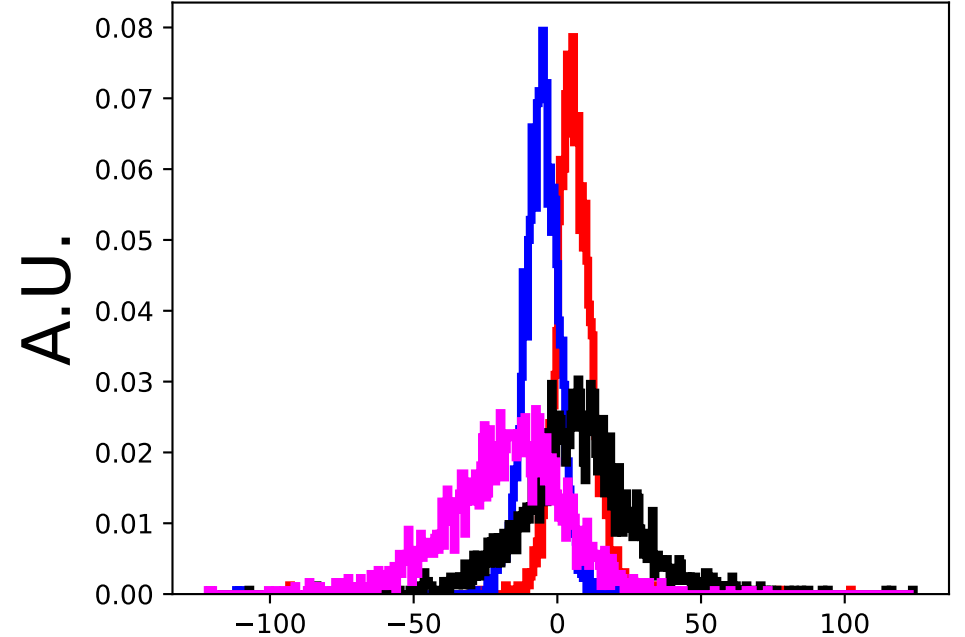
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.35, 4.45) \text{ GeV}$



$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.35, 4.45) \text{ GeV}$

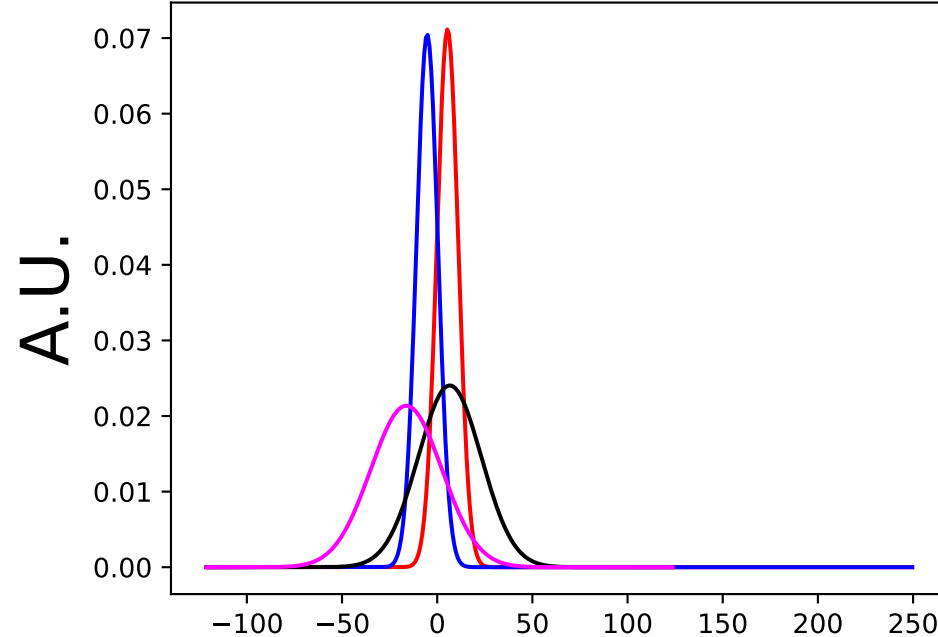


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.45, 4.55) \text{ GeV}$



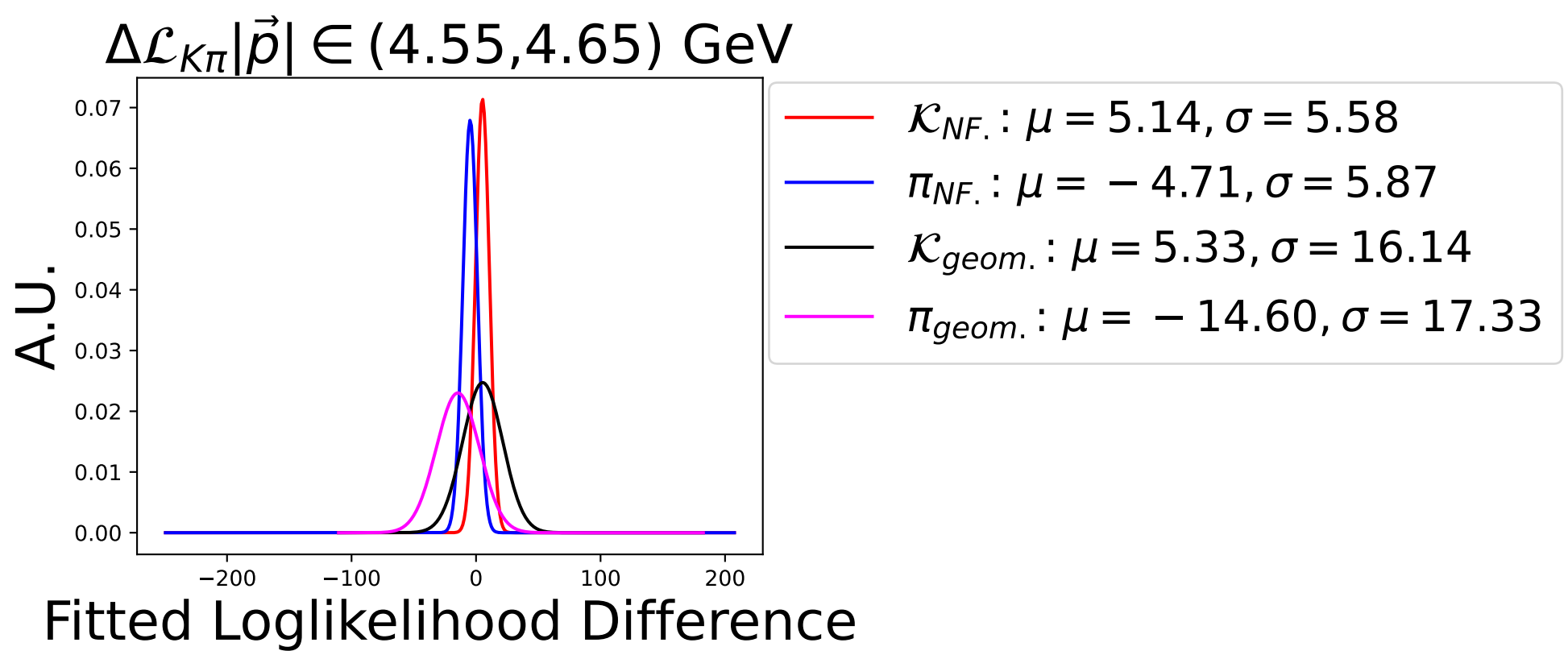
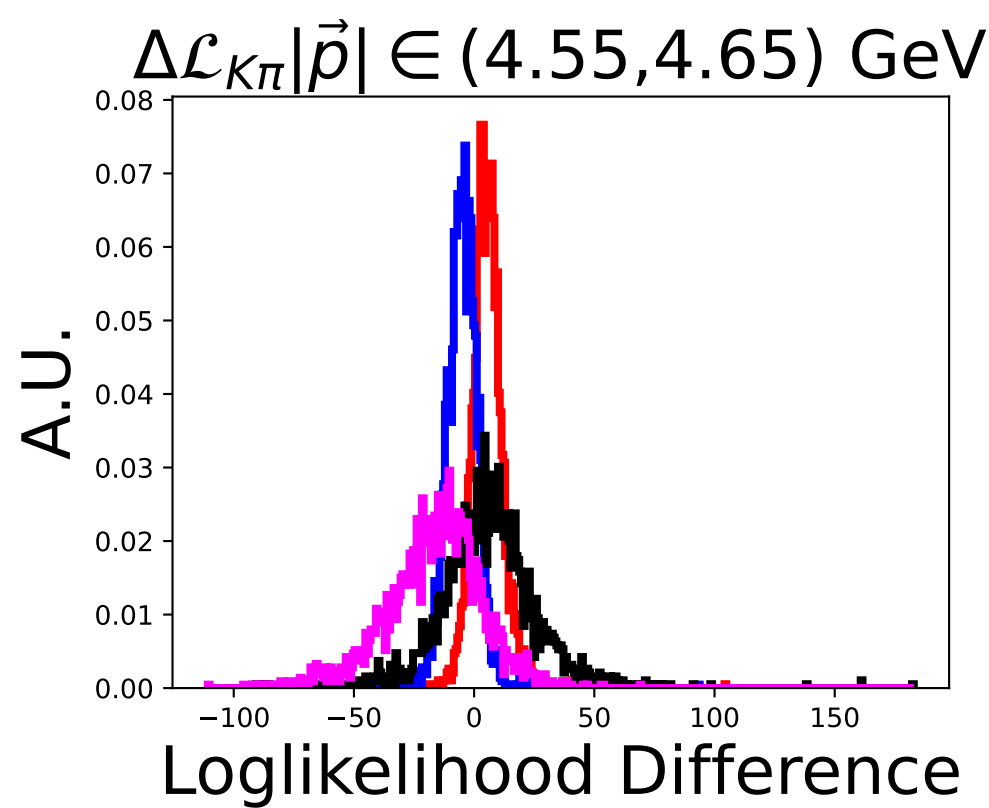
Loglikelihood Difference

$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.45, 4.55) \text{ GeV}$

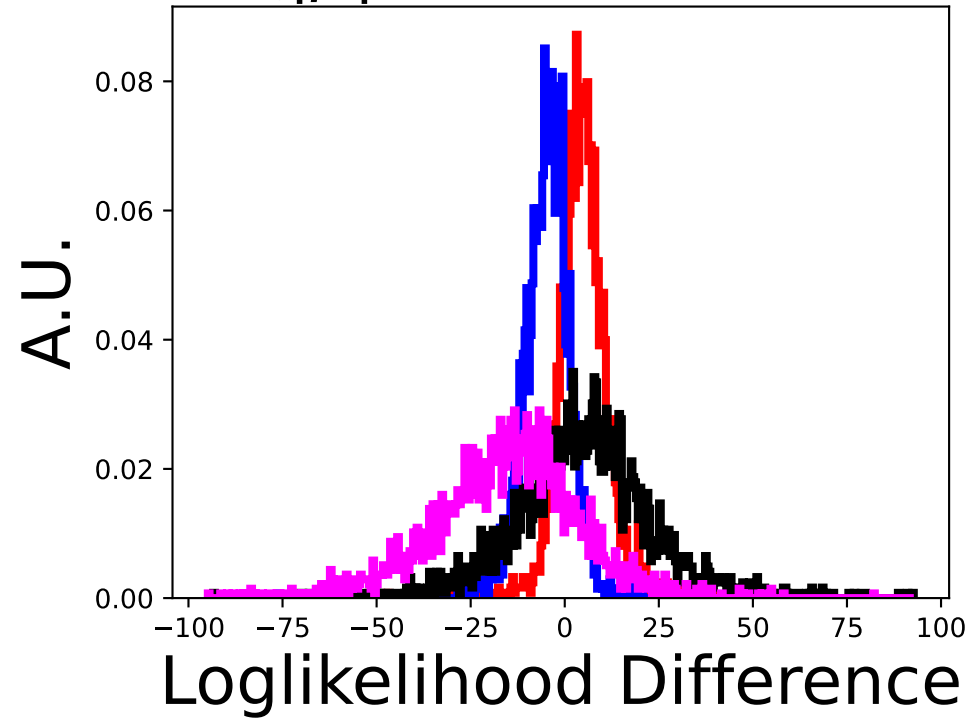


Fitted Loglikelihood Difference

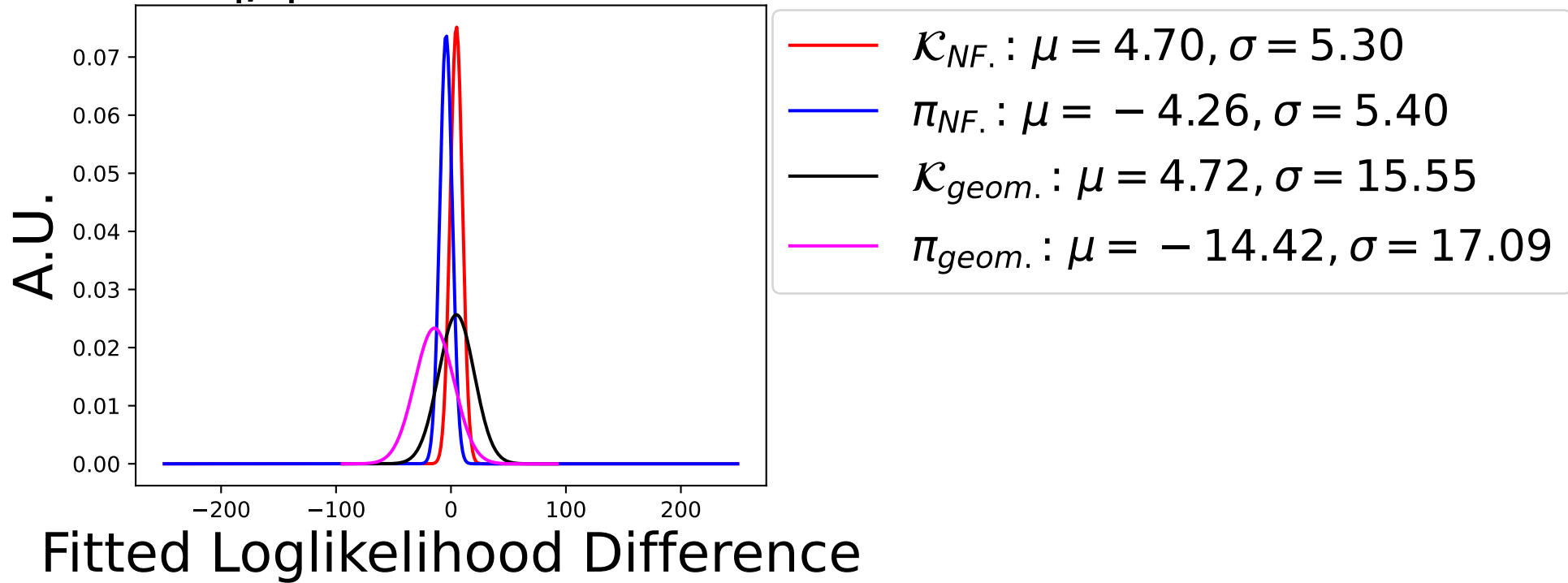
- $\mathcal{K}_{NF.} : \mu = 5.43, \sigma = 5.60$
- $\pi_{NF.} : \mu = -5.26, \sigma = 5.66$
- $\mathcal{K}_{geom.} : \mu = 6.59, \sigma = 16.59$
- $\pi_{geom.} : \mu = -16.23, \sigma = 18.67$



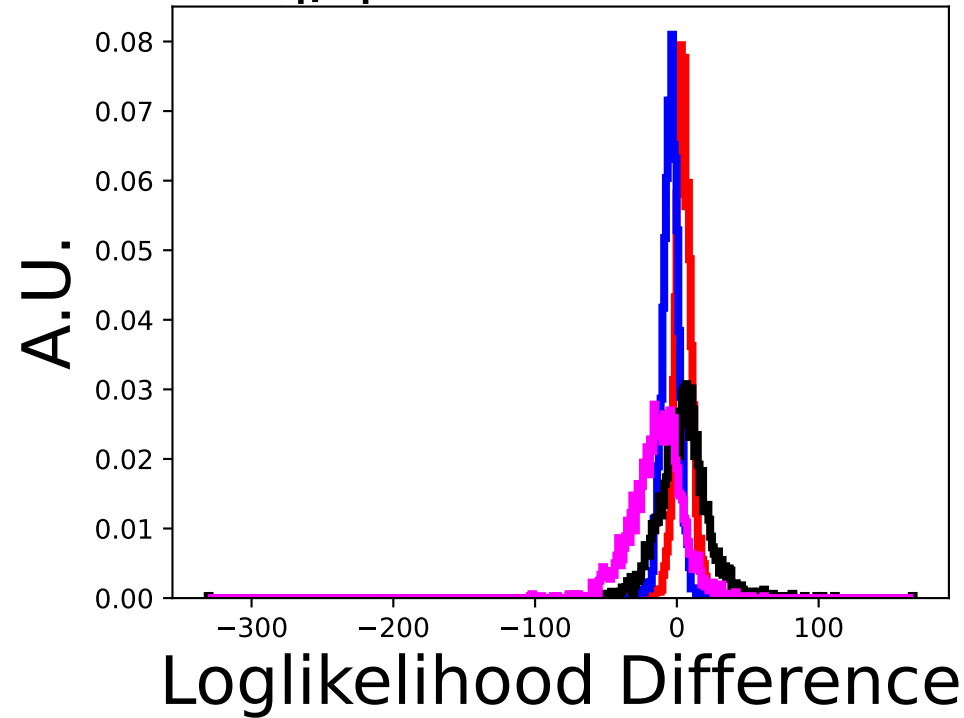
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.65, 4.75) \text{ GeV}$



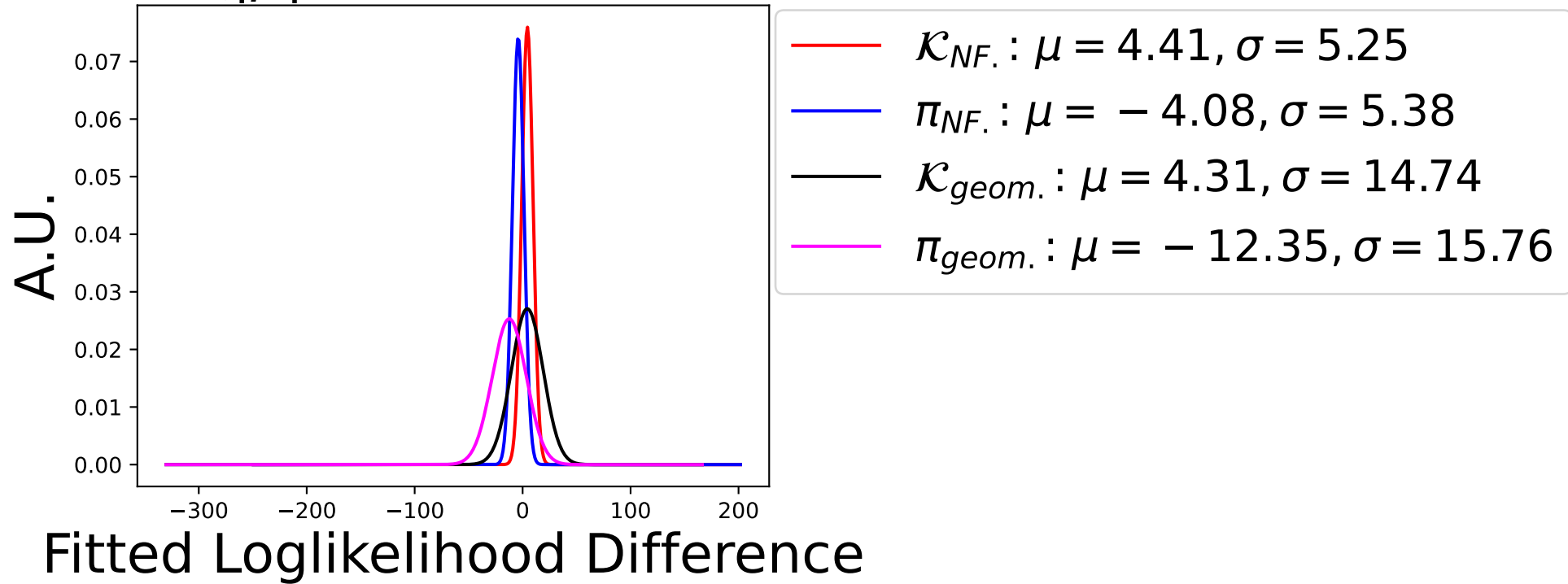
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.65, 4.75) \text{ GeV}$

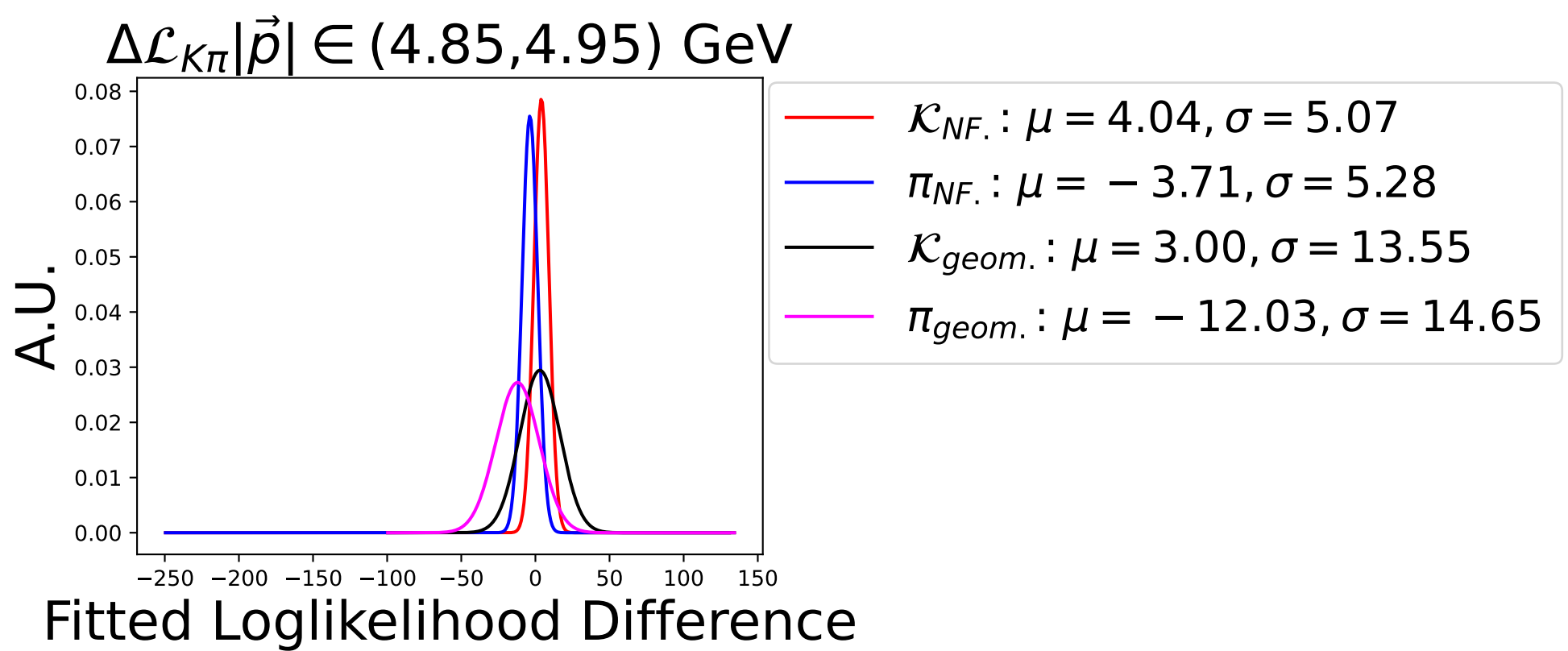
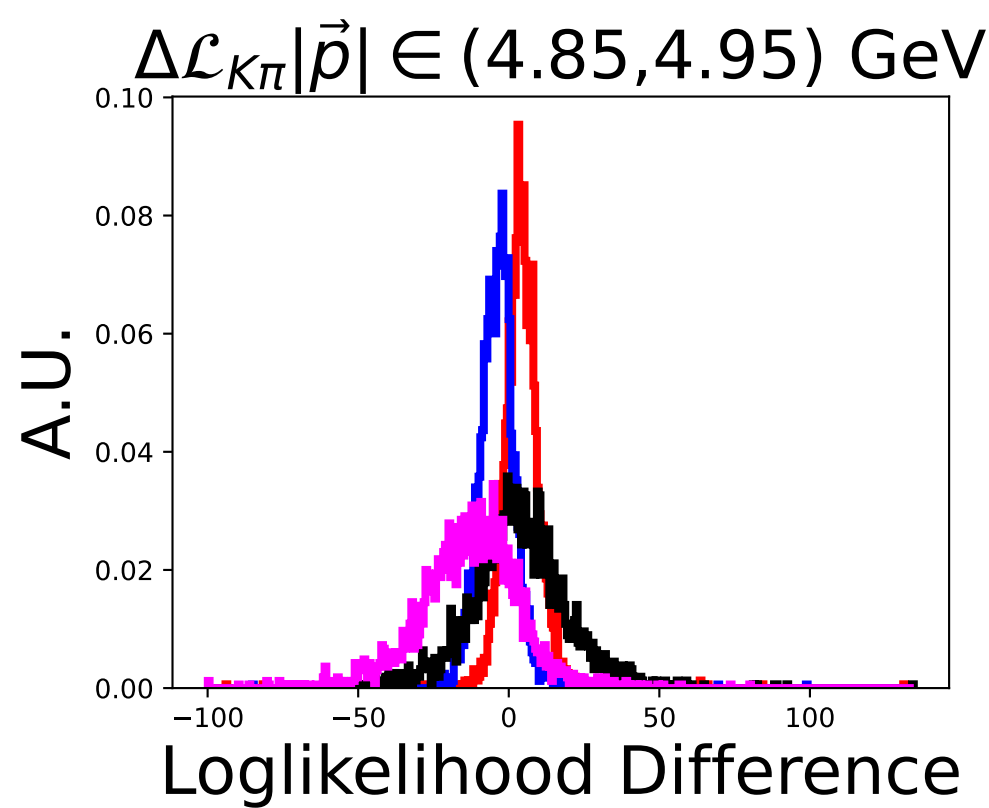


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.75, 4.85) \text{ GeV}$



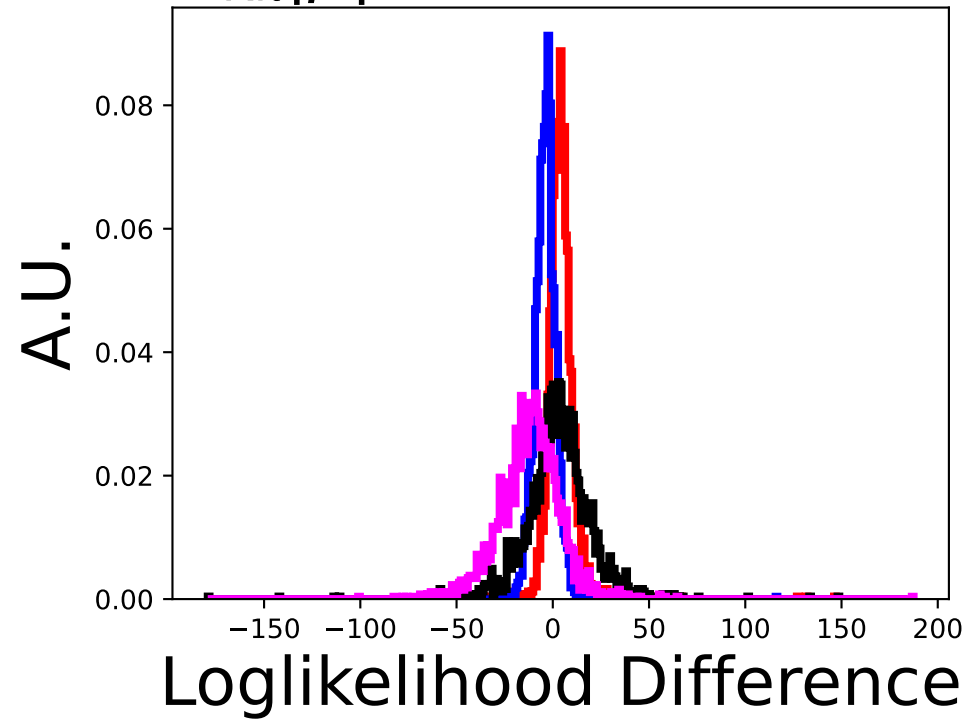
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.75, 4.85) \text{ GeV}$



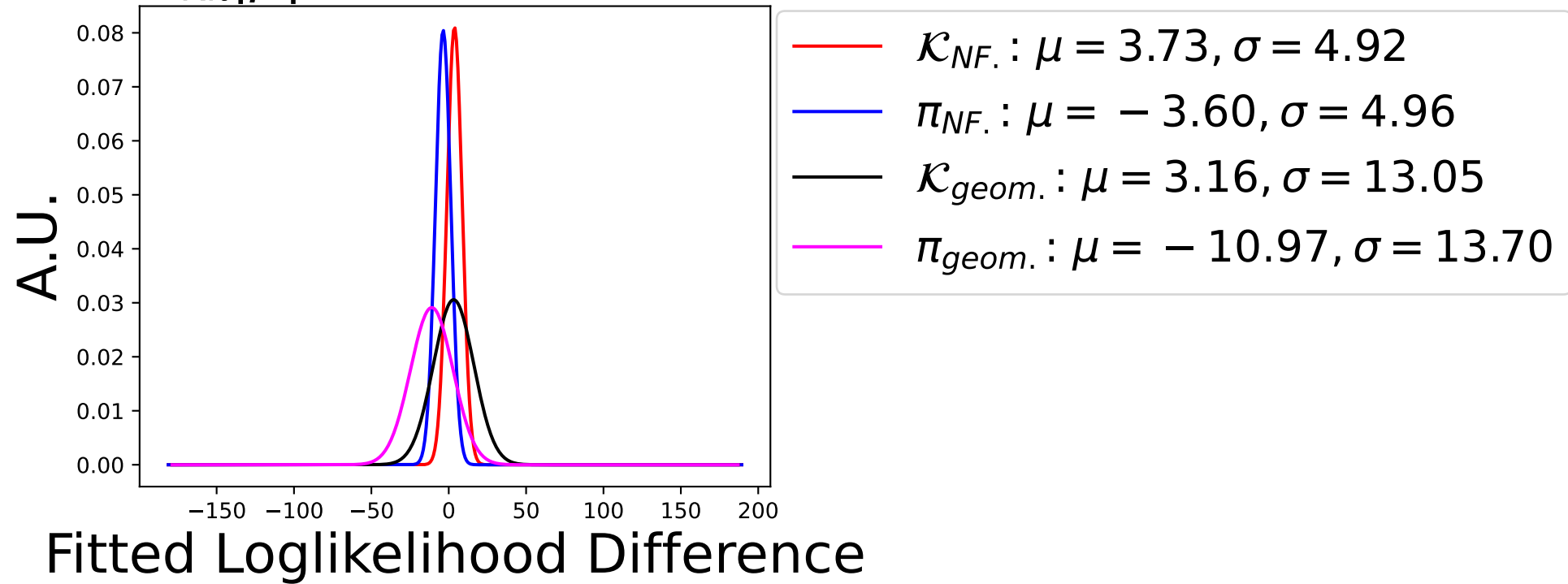




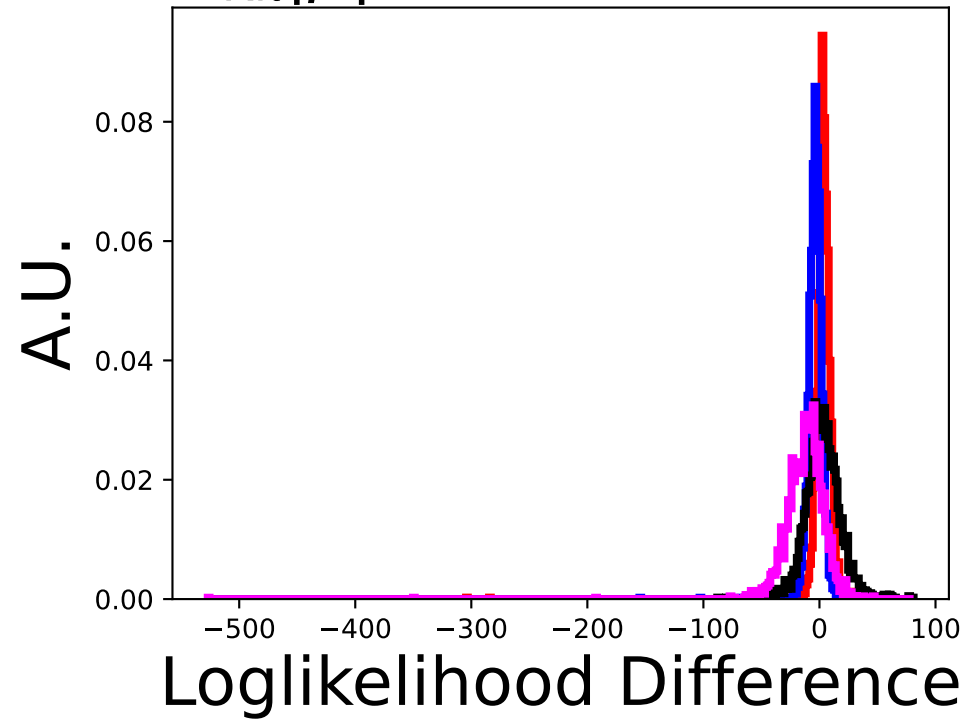
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.95, 5.05) \text{ GeV}$



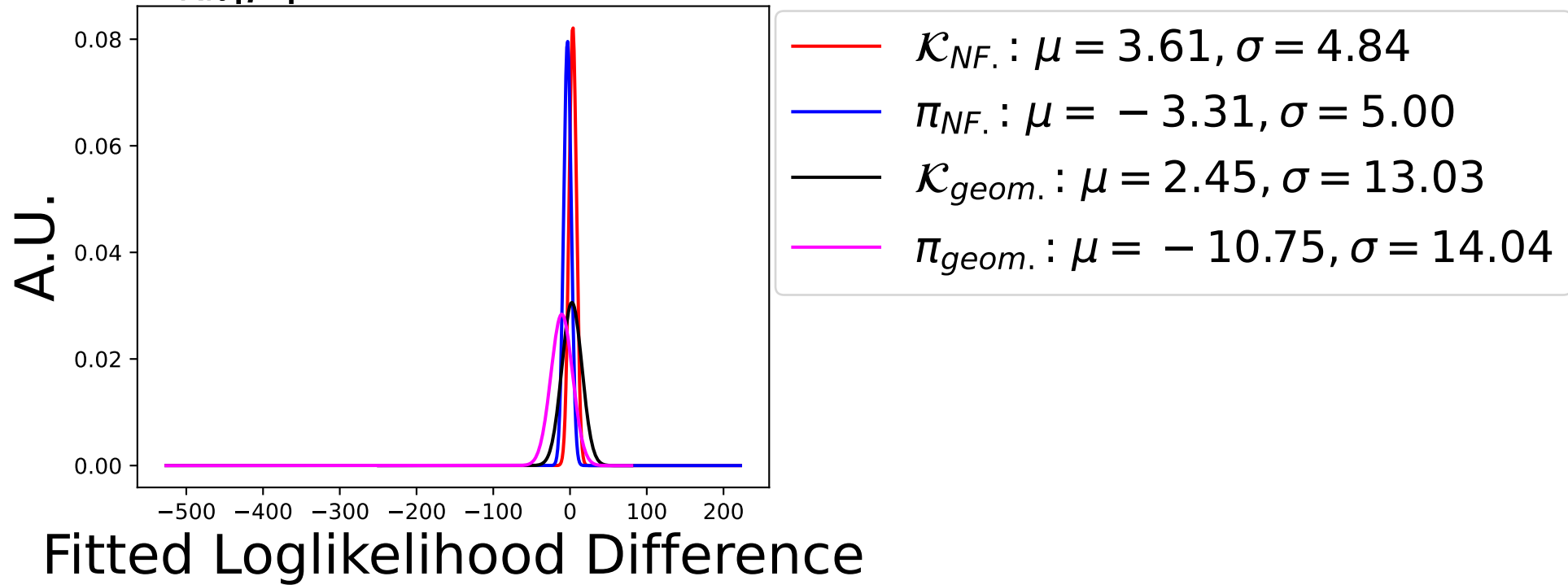
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (4.95, 5.05) \text{ GeV}$

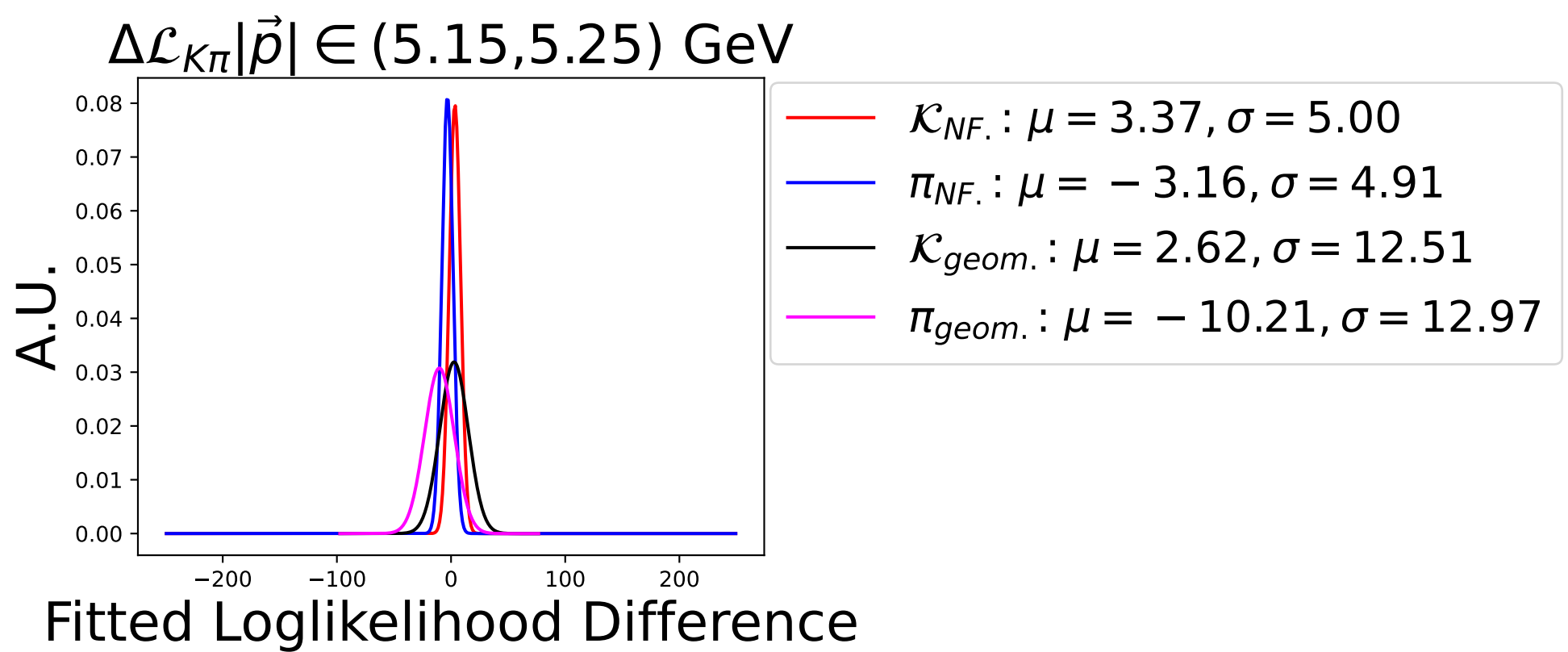
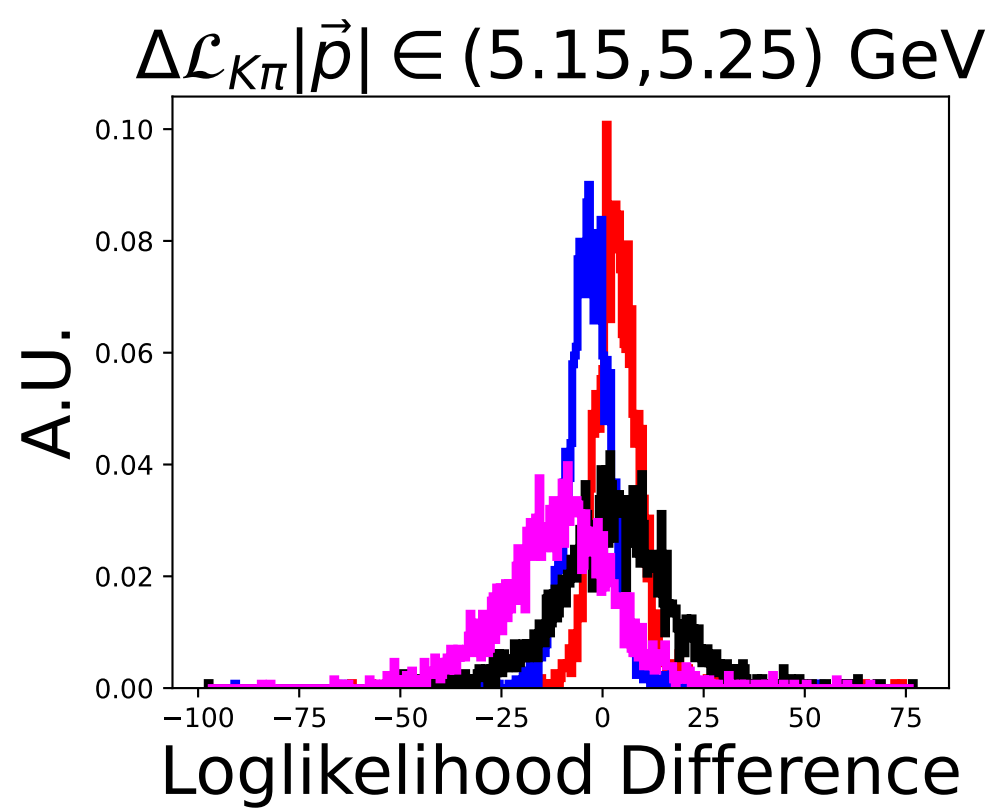


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.05, 5.15) \text{ GeV}$

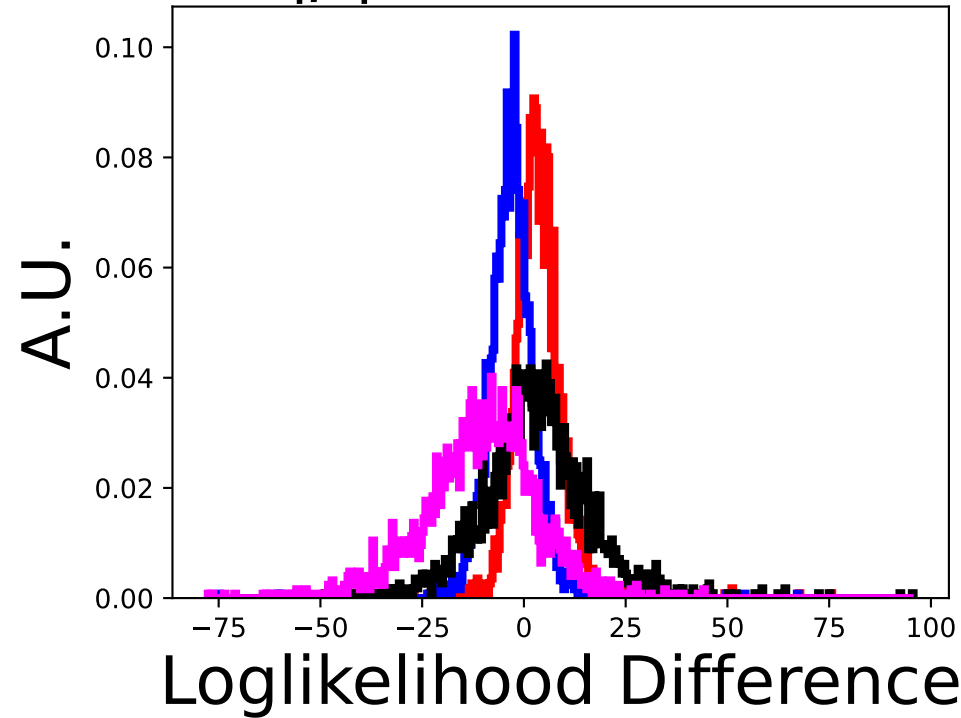


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.05, 5.15) \text{ GeV}$

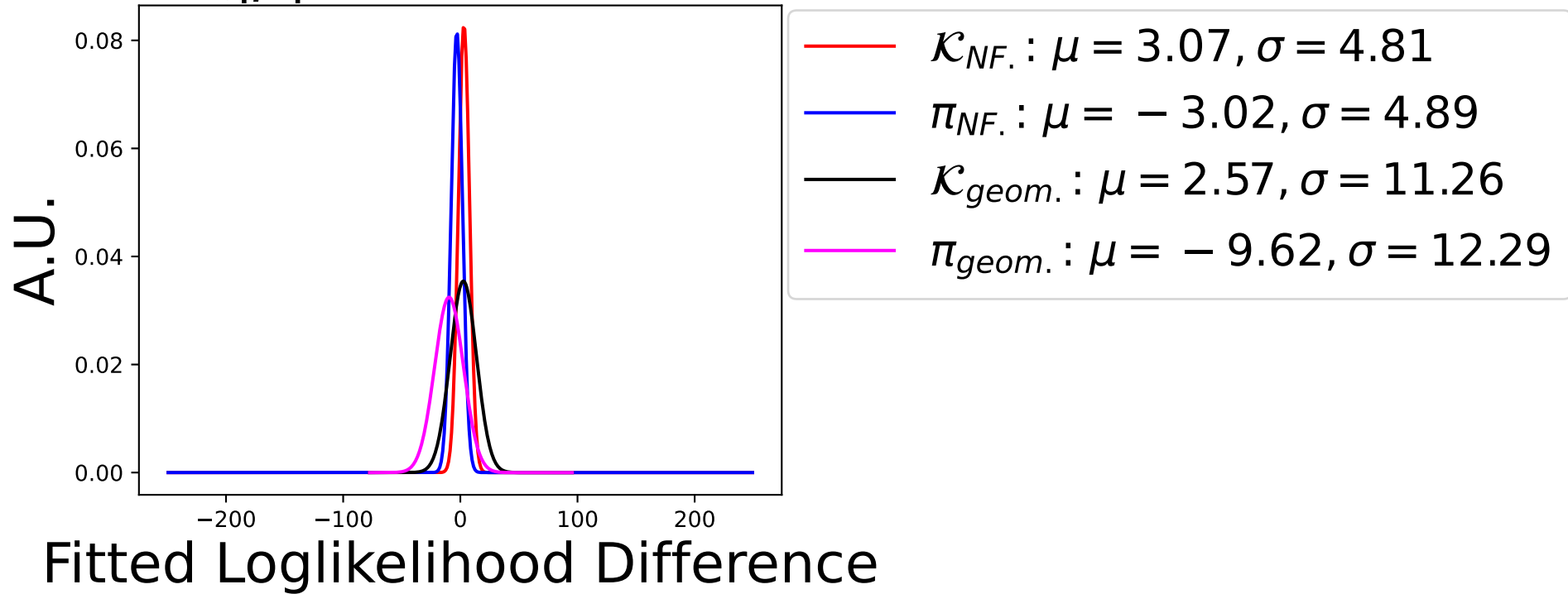




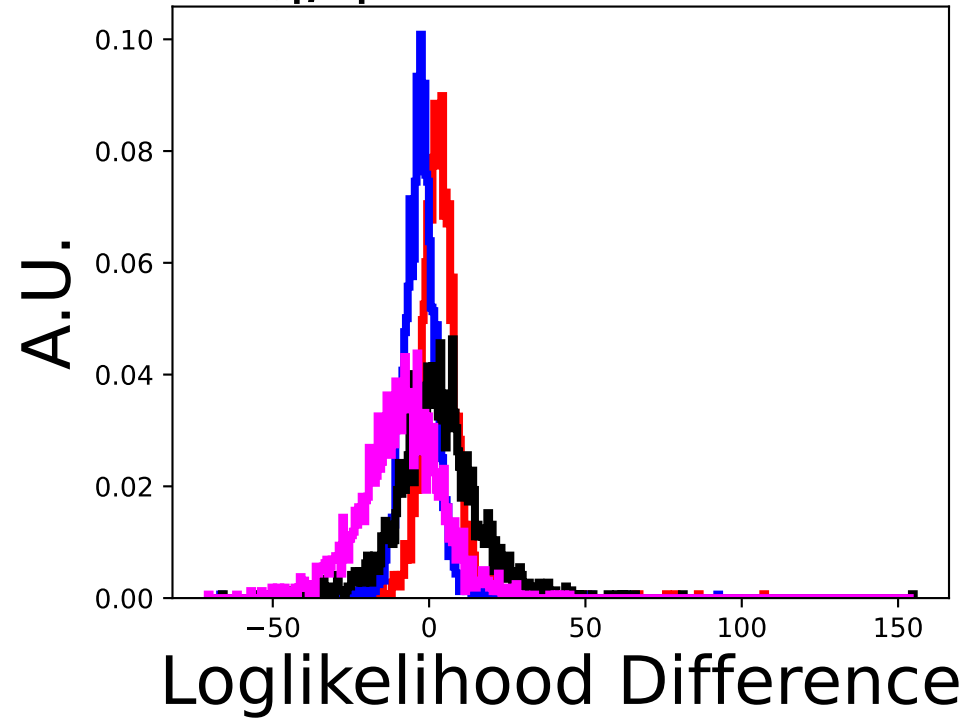
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.25, 5.35) \text{ GeV}$



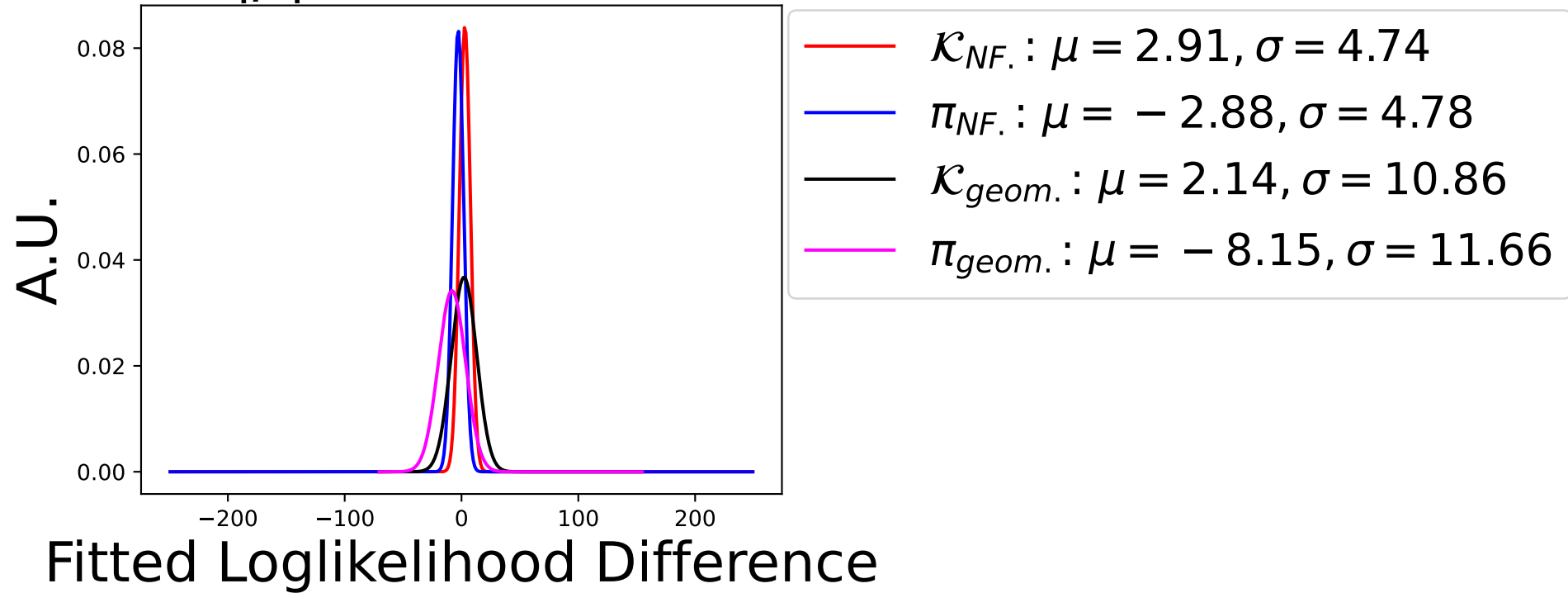
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.25, 5.35) \text{ GeV}$

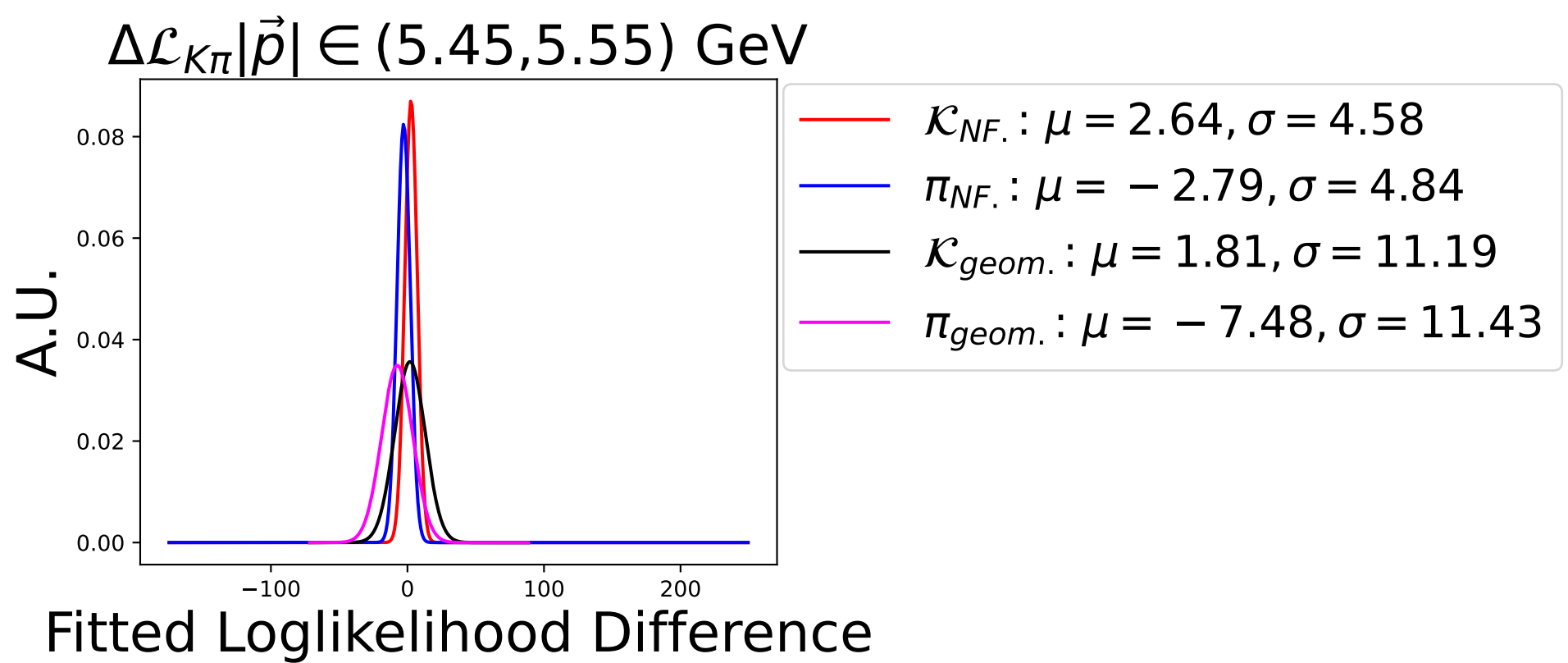
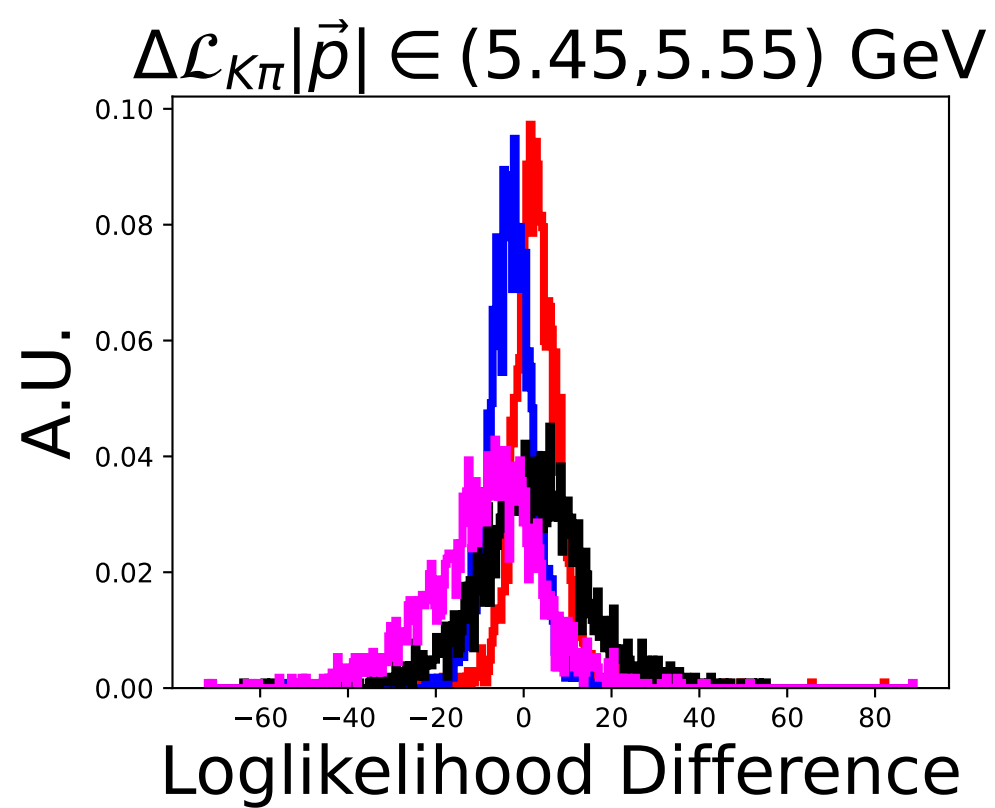


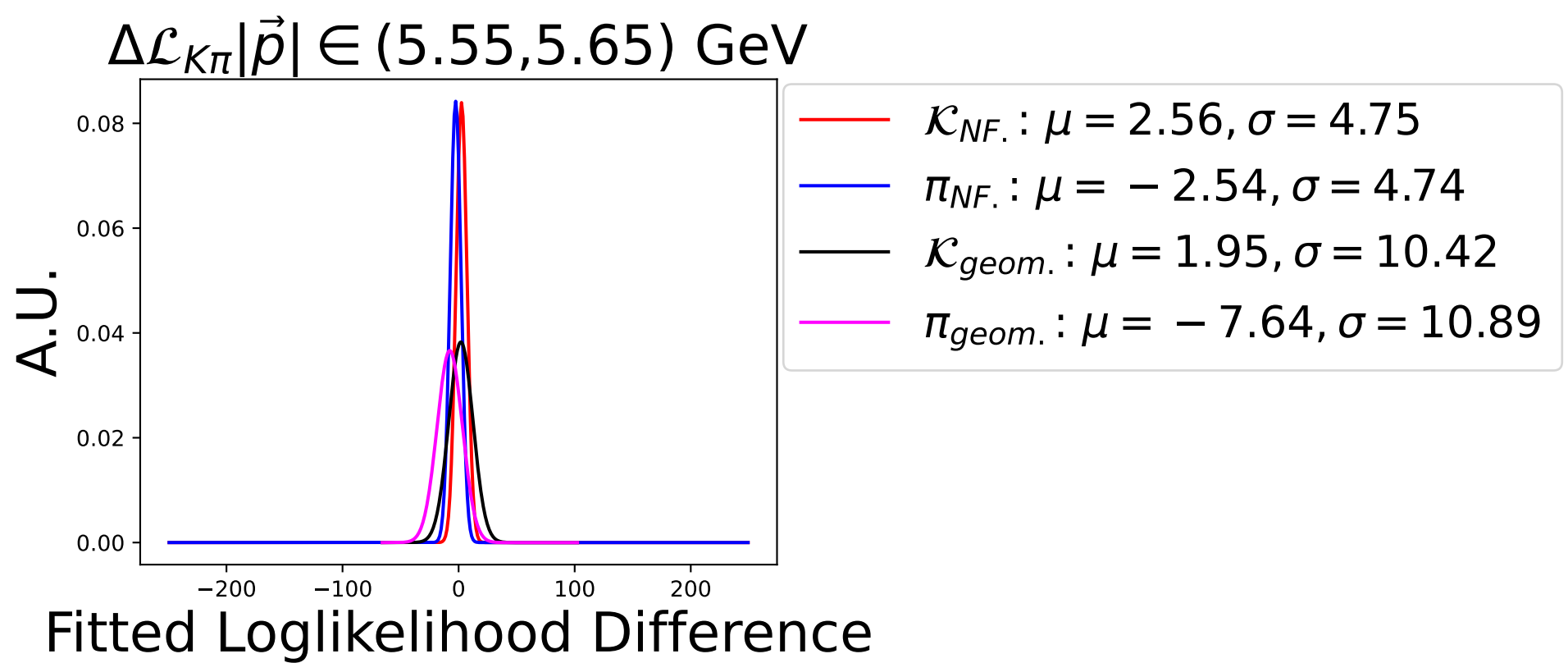
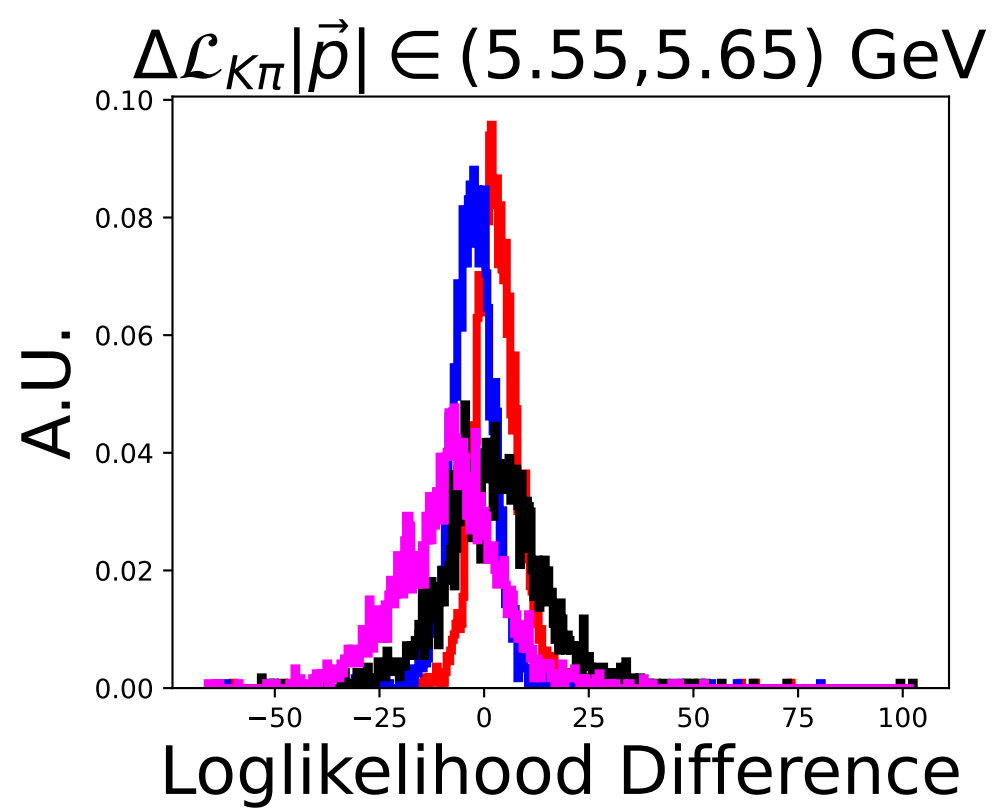
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.35, 5.45) \text{ GeV}$



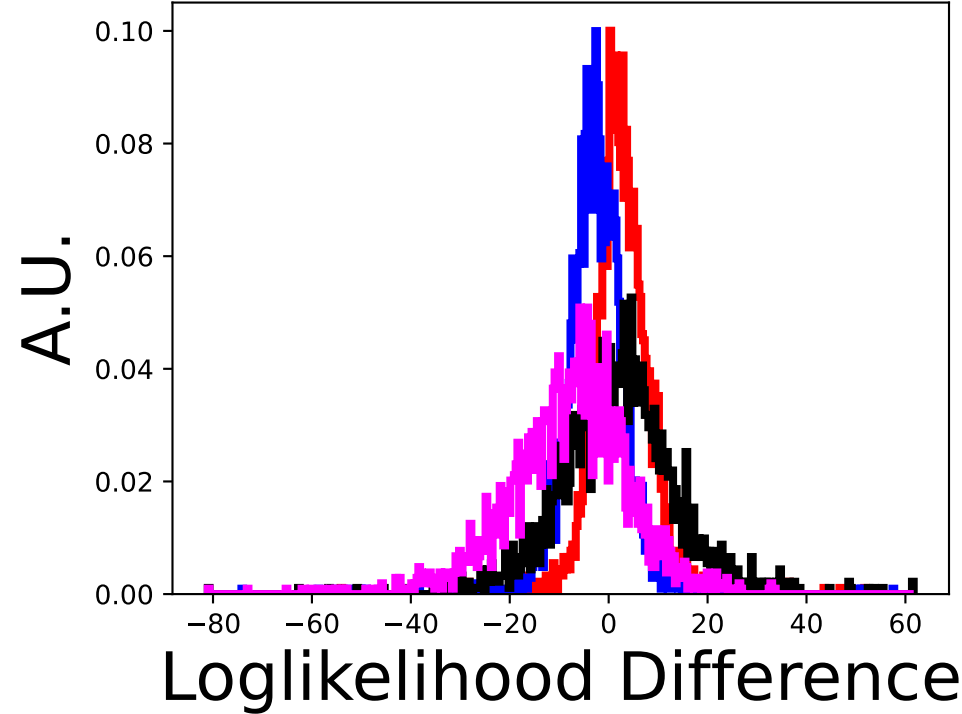
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.35, 5.45) \text{ GeV}$



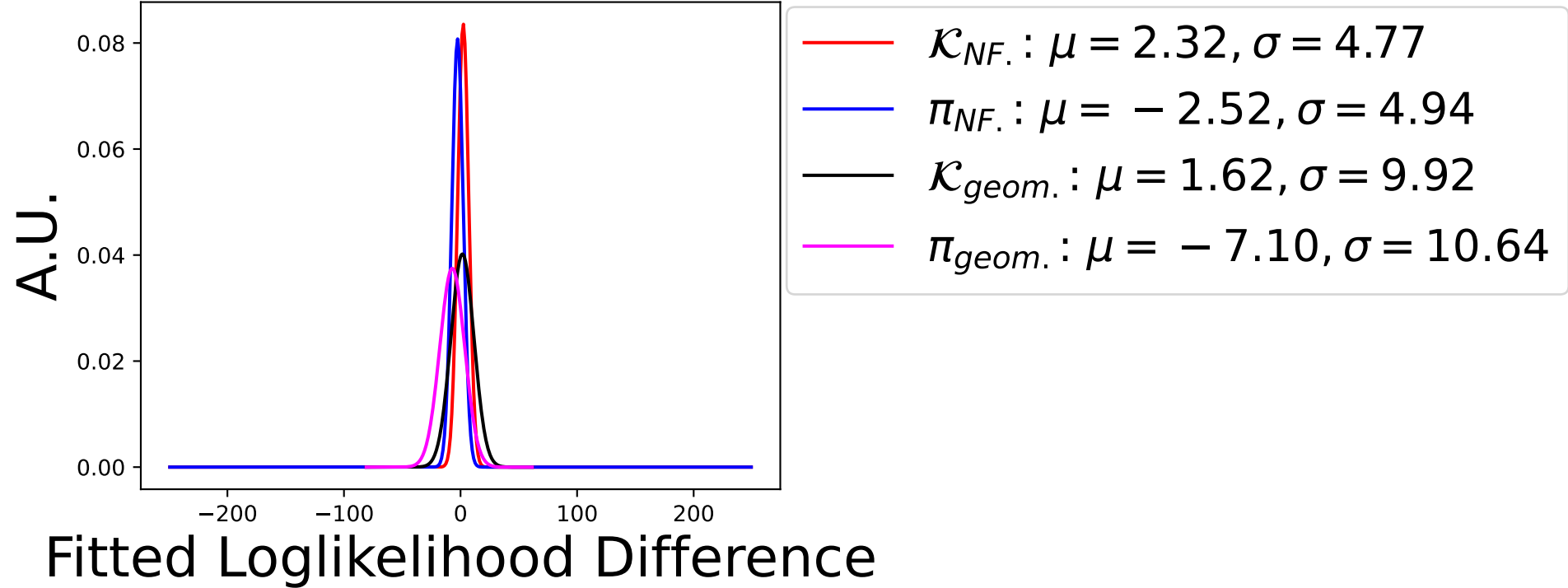




$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.65, 5.75) \text{ GeV}$

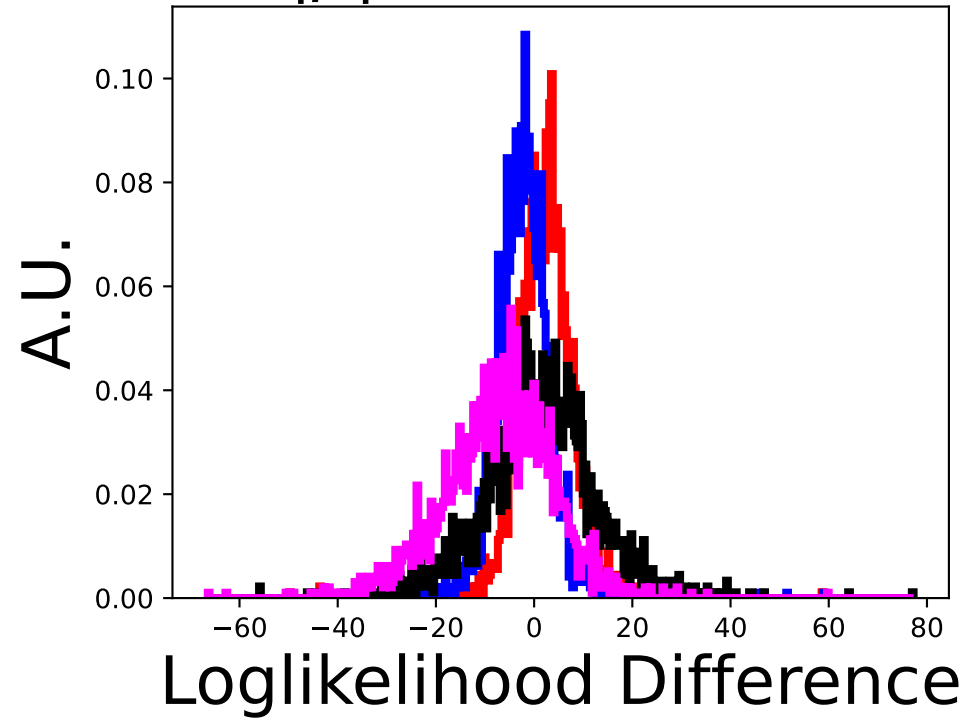


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.65, 5.75) \text{ GeV}$

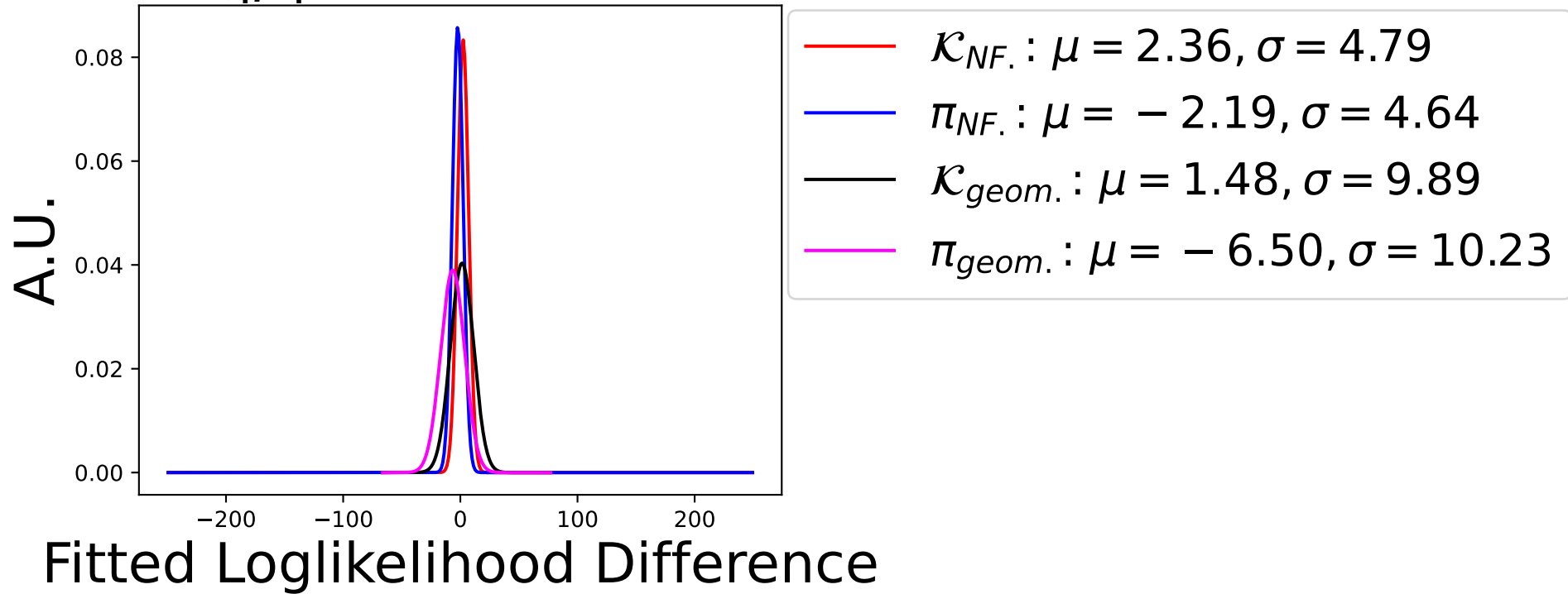




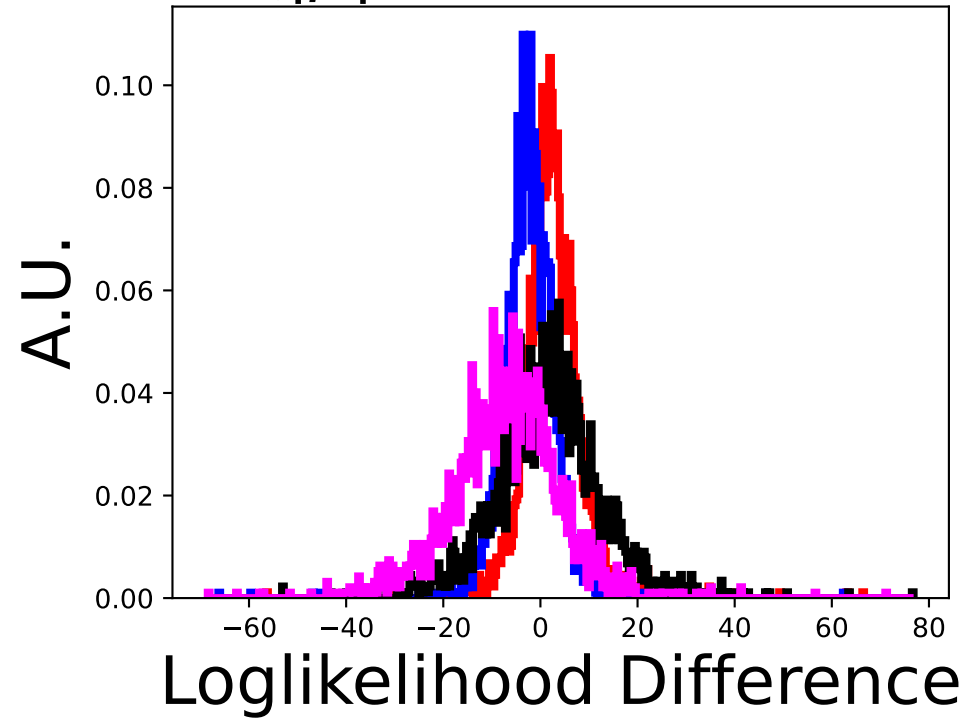
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.75, 5.85) \text{ GeV}$



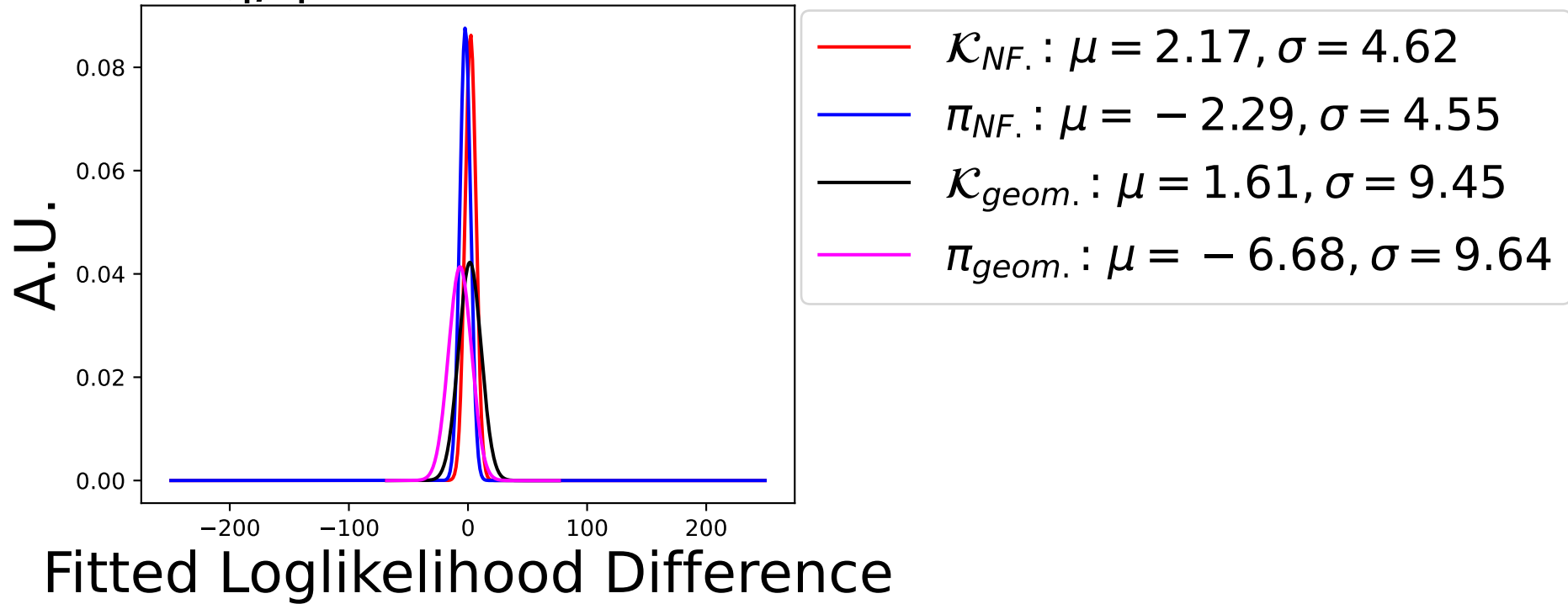
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.75, 5.85) \text{ GeV}$

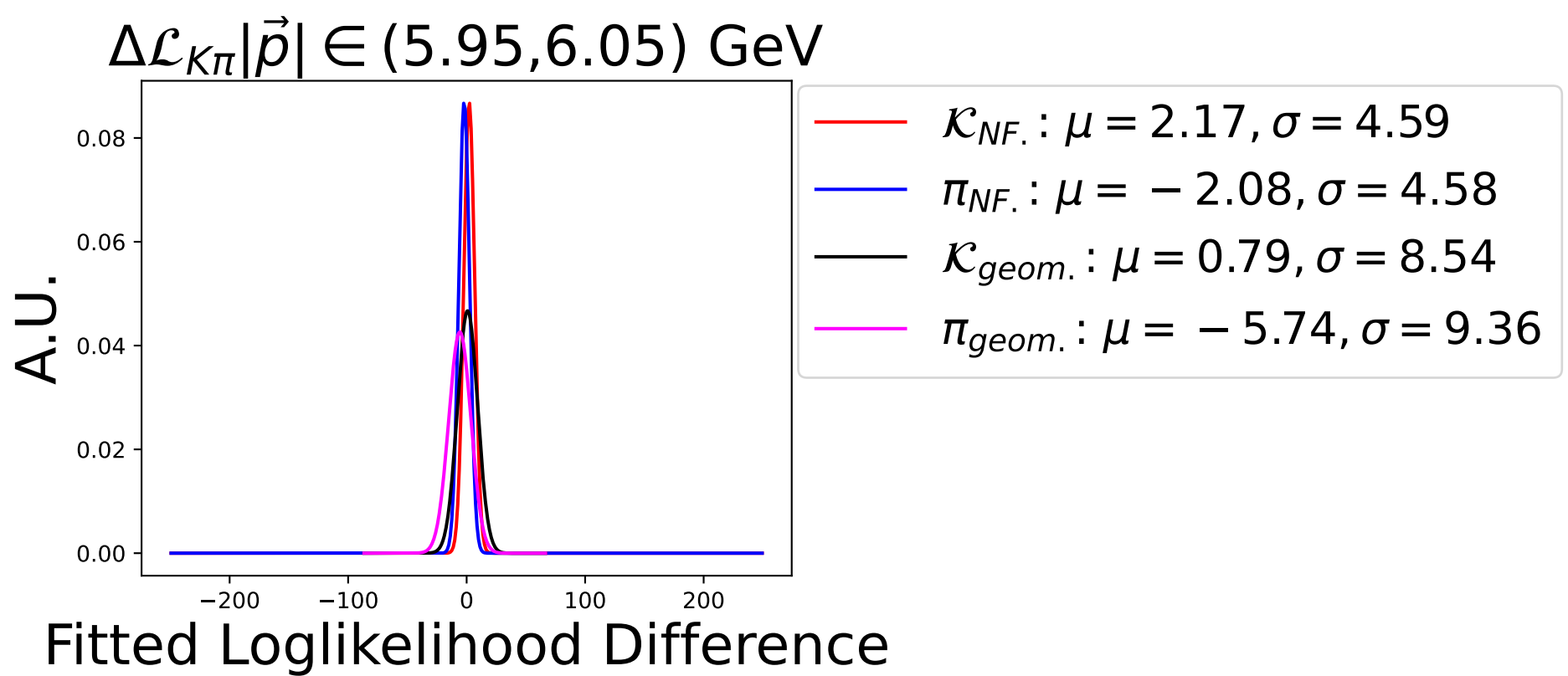
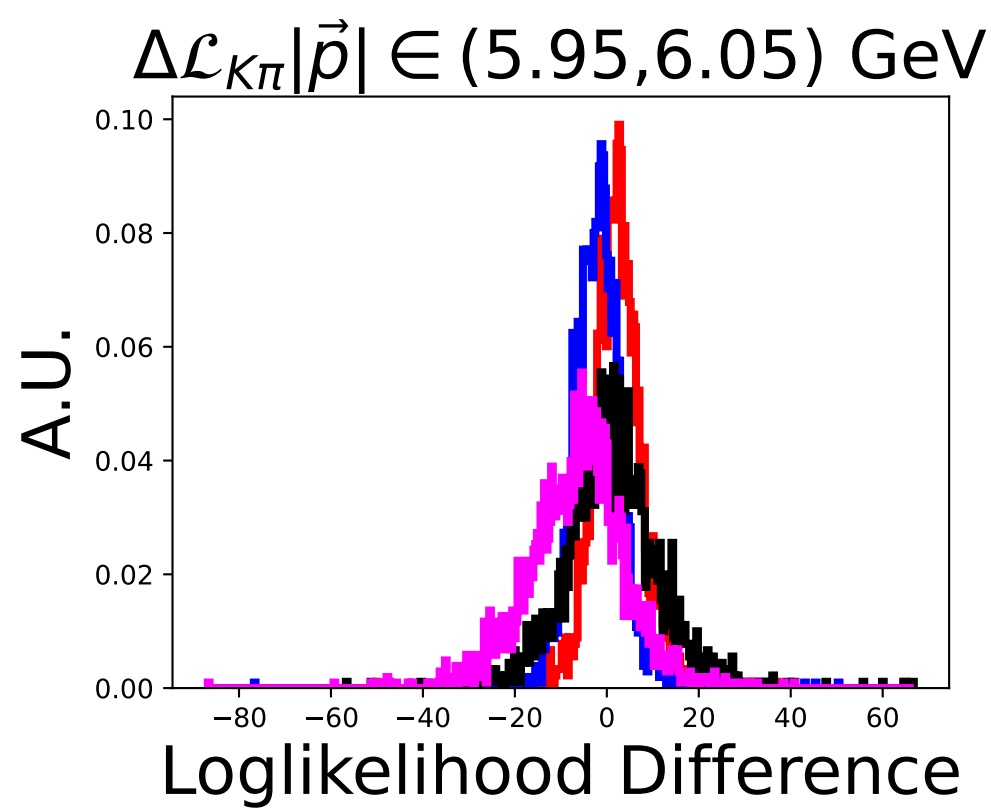


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.85, 5.95) \text{ GeV}$

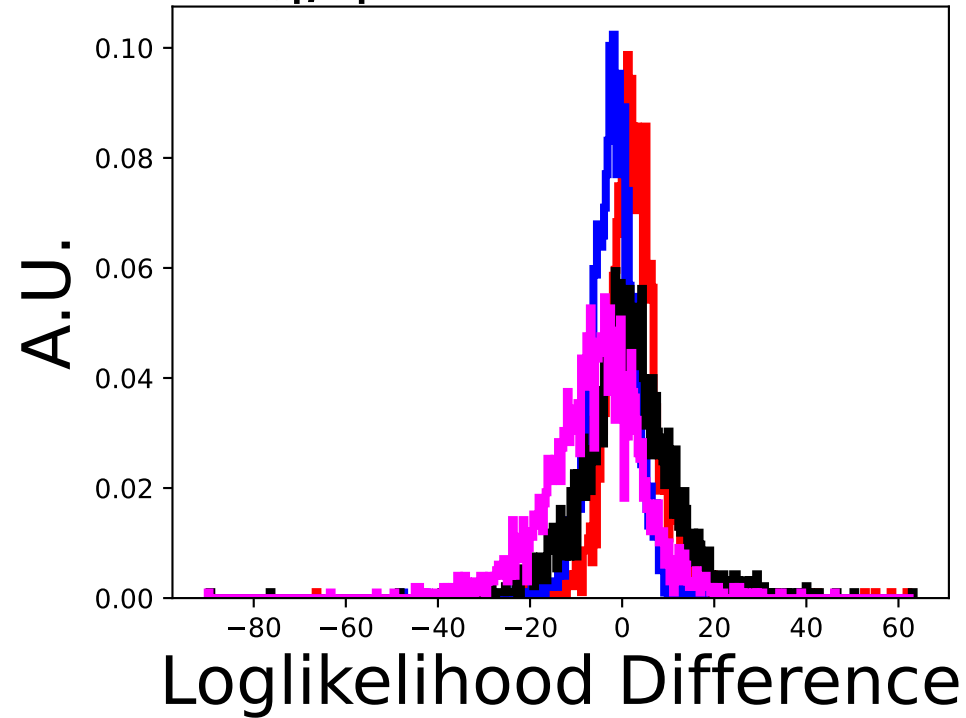


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (5.85, 5.95) \text{ GeV}$

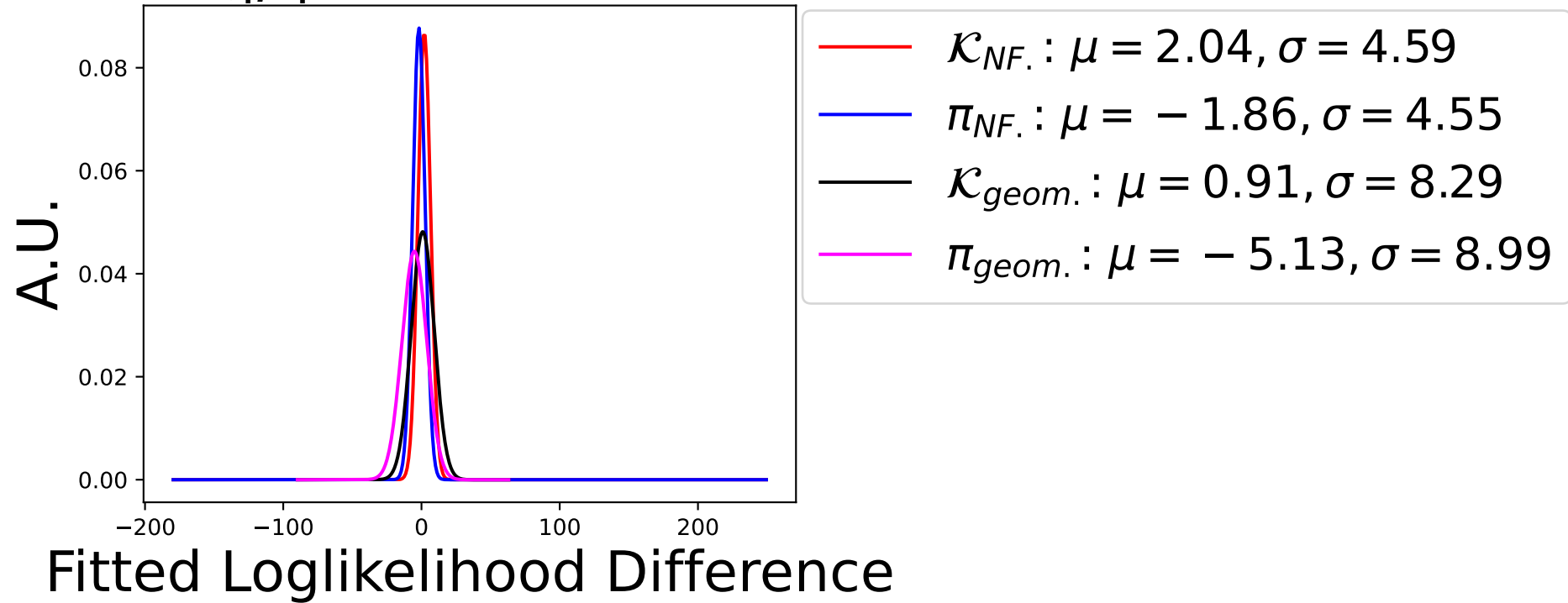




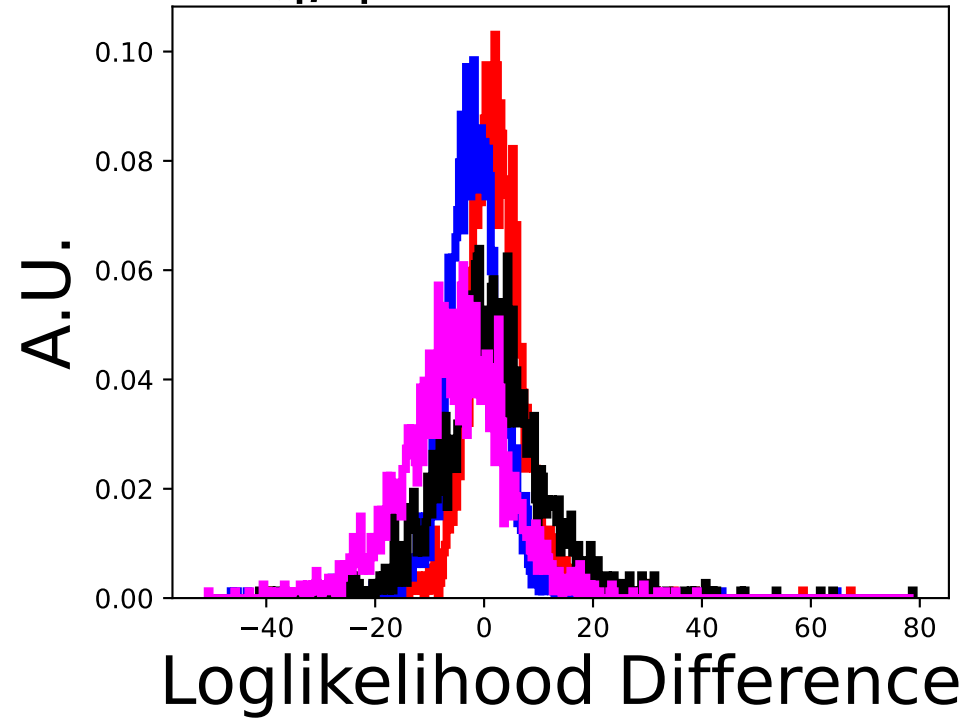
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.05, 6.15) \text{ GeV}$



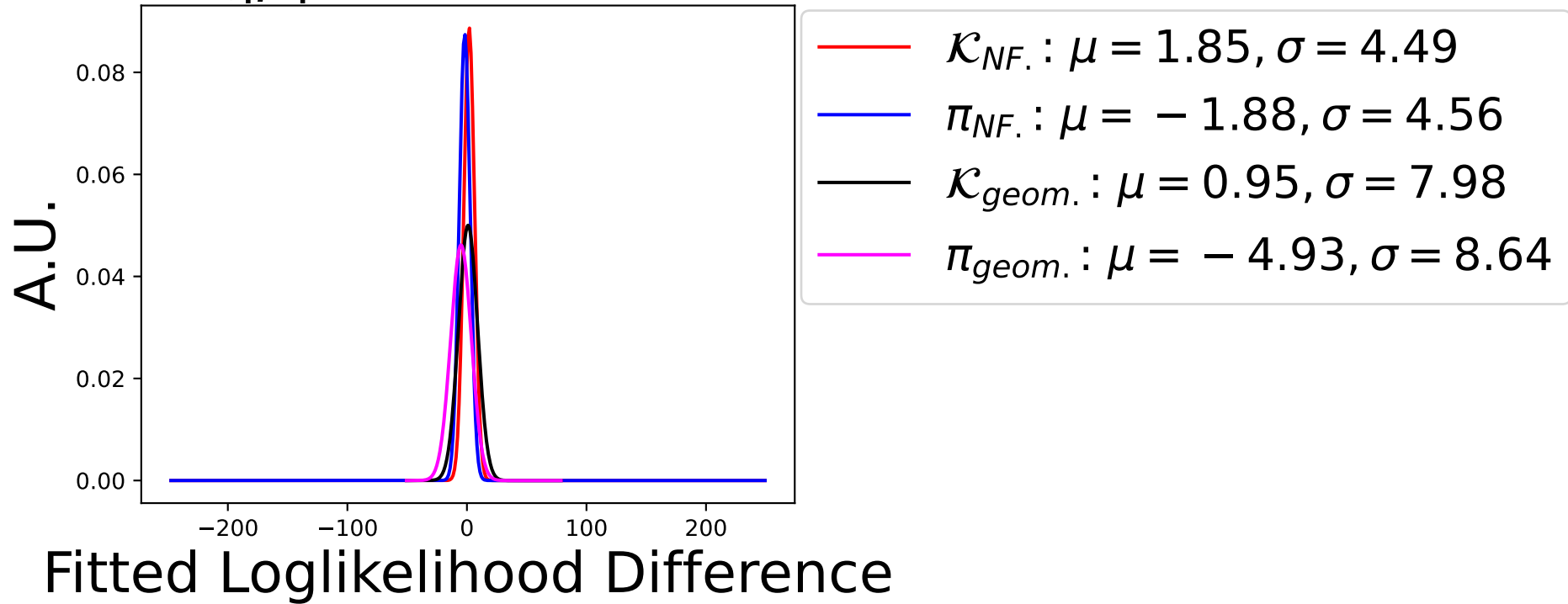
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.05, 6.15) \text{ GeV}$



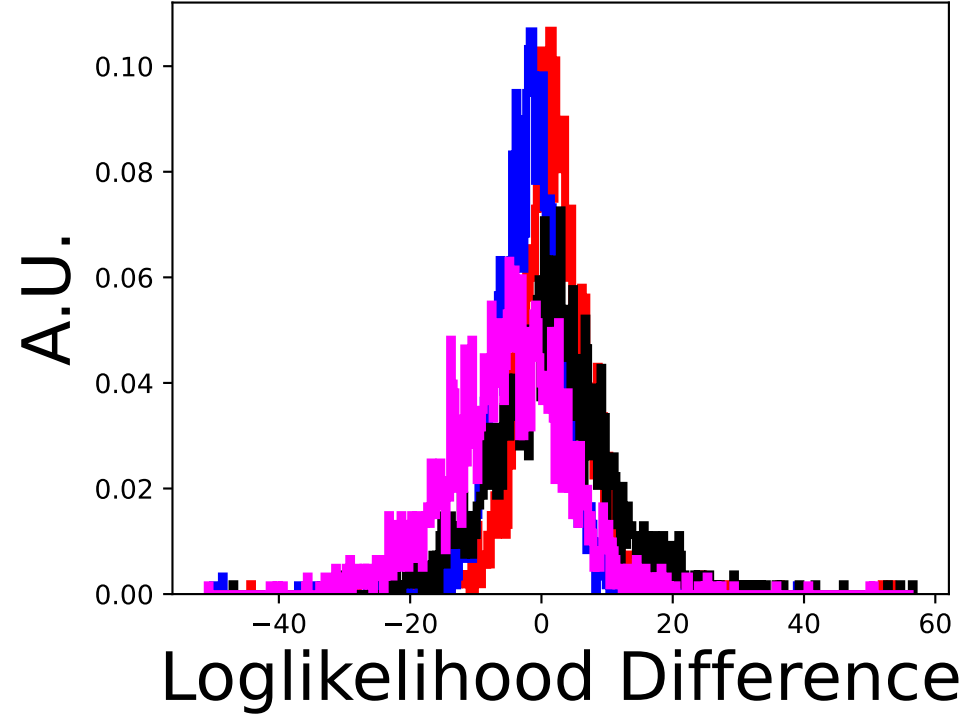
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.15, 6.25) \text{ GeV}$



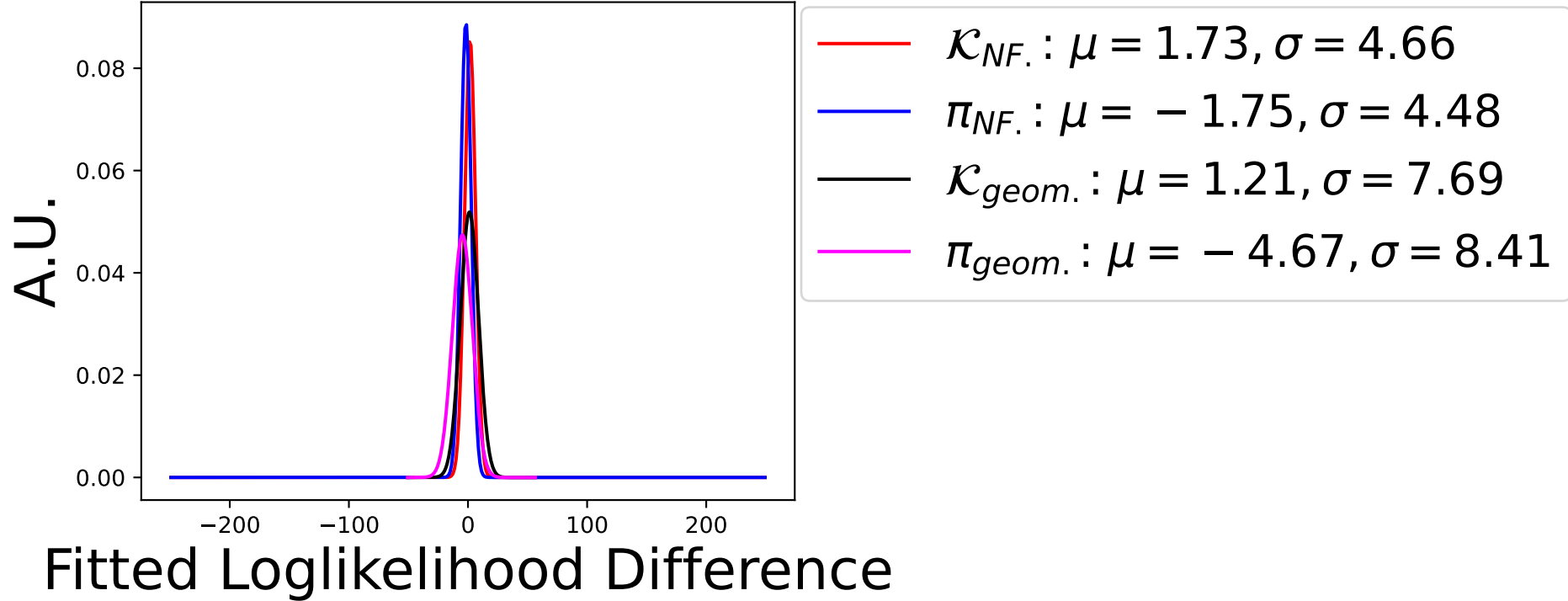
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.15, 6.25) \text{ GeV}$



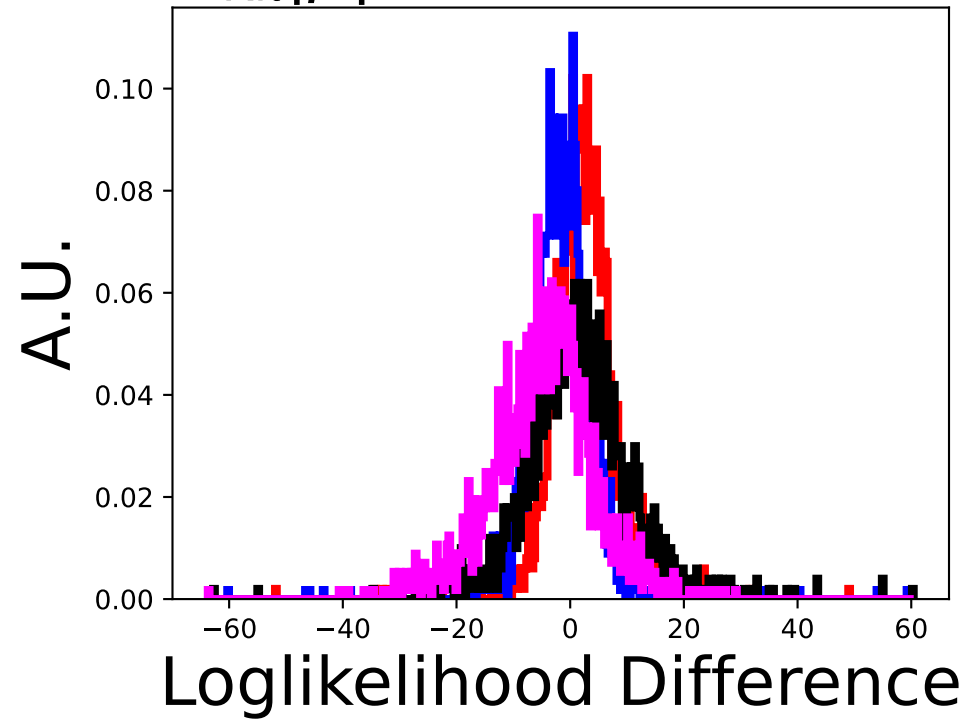
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.25, 6.35) \text{ GeV}$



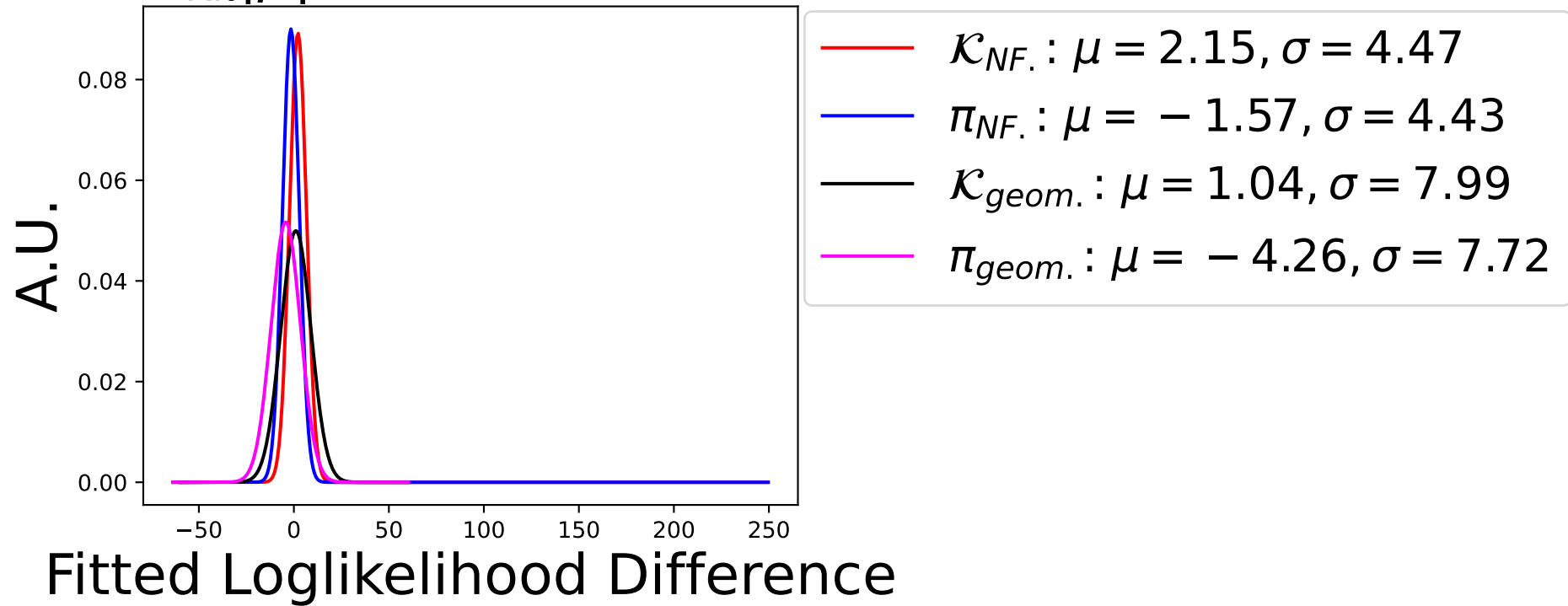
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.25, 6.35) \text{ GeV}$



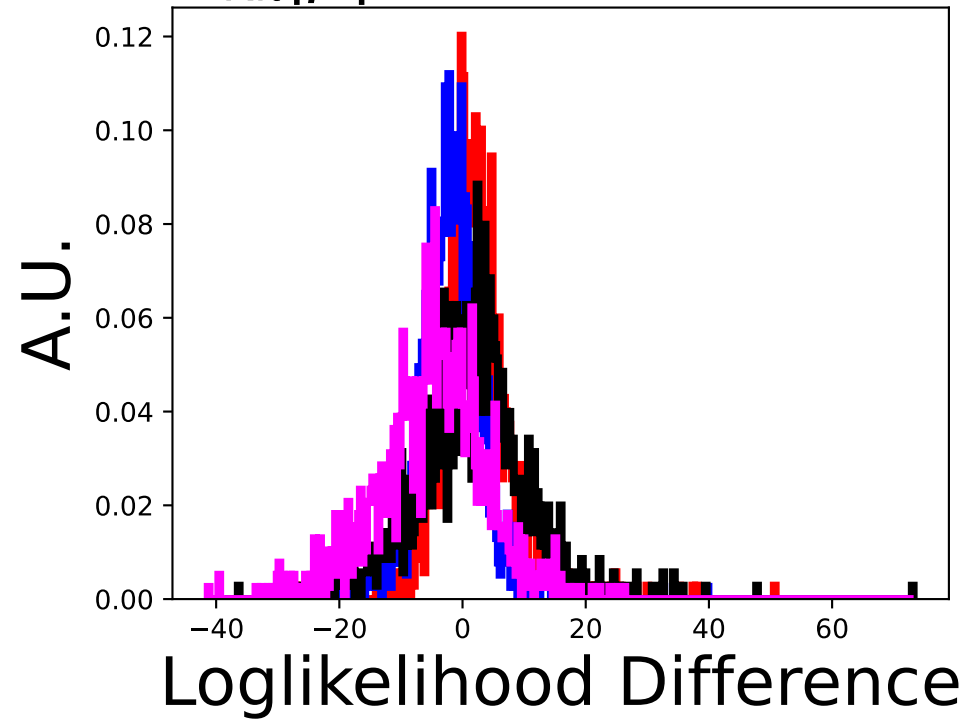
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.35, 6.45) \text{ GeV}$



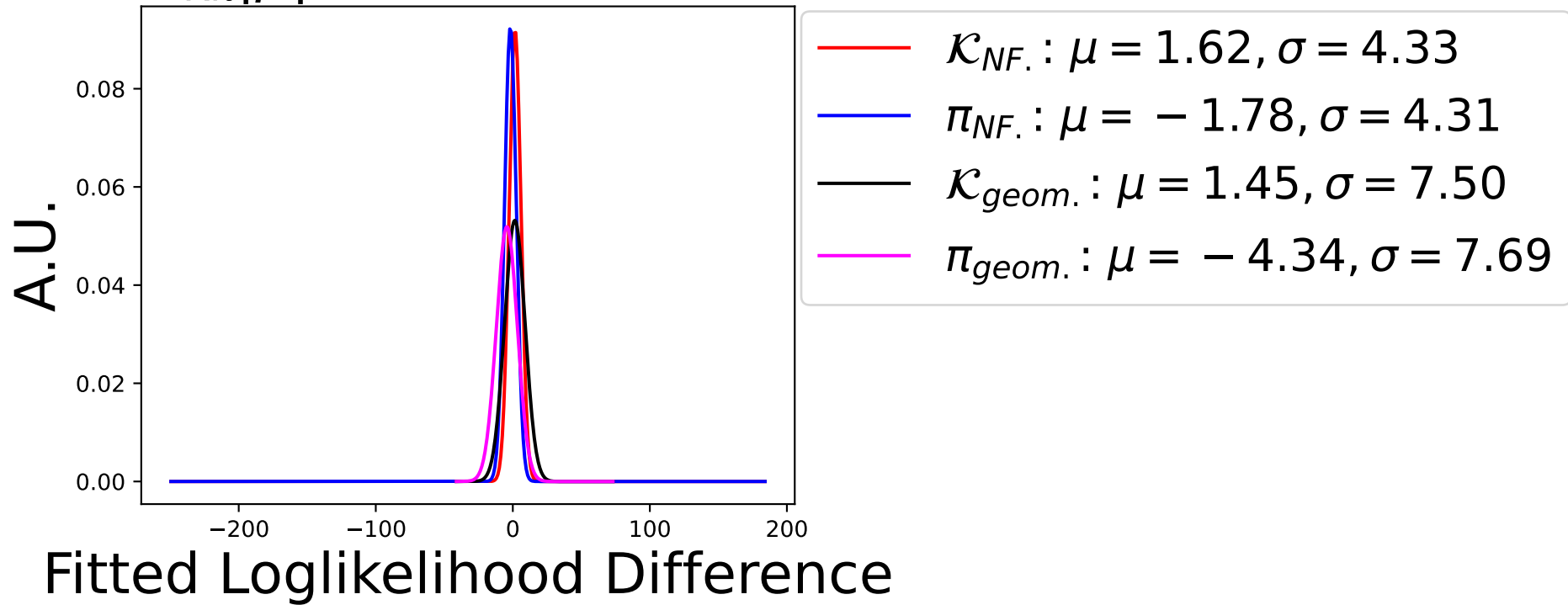
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.35, 6.45) \text{ GeV}$



$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.45, 6.55) \text{ GeV}$

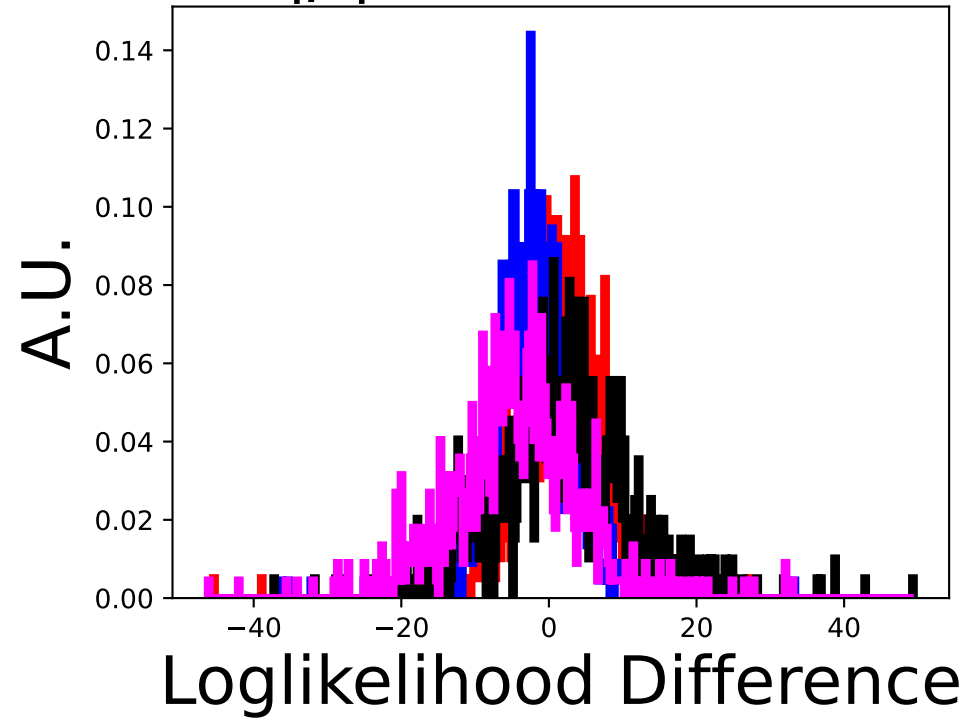


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.45, 6.55) \text{ GeV}$

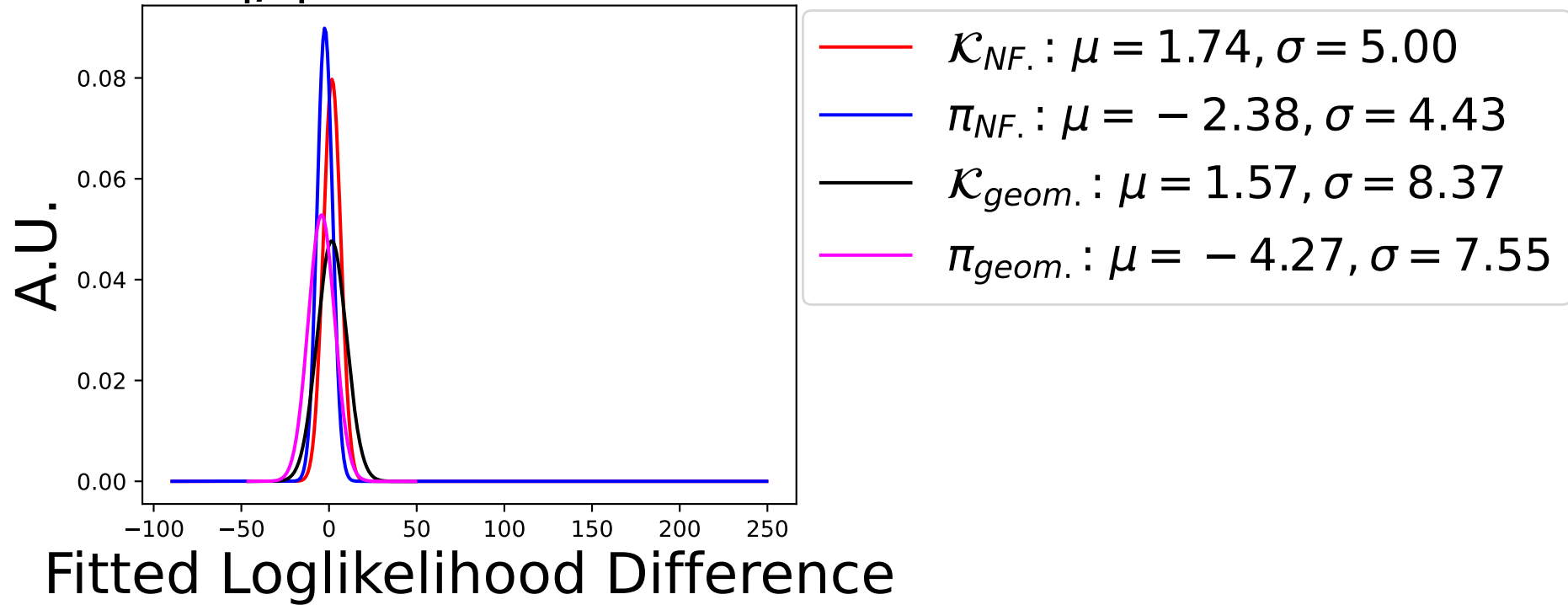




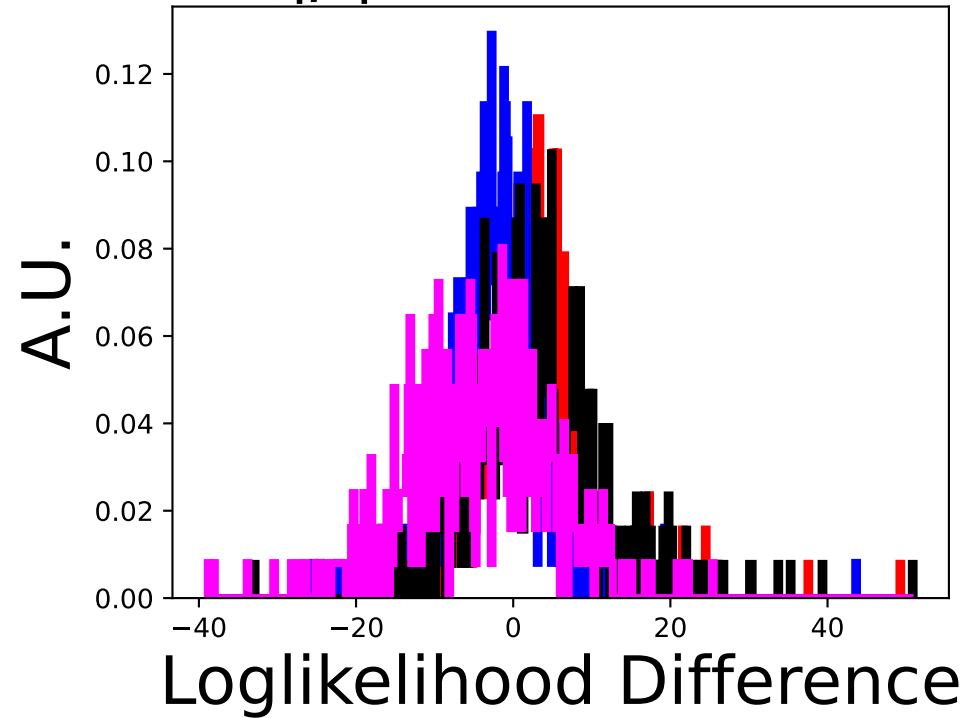
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.55, 6.65) \text{ GeV}$



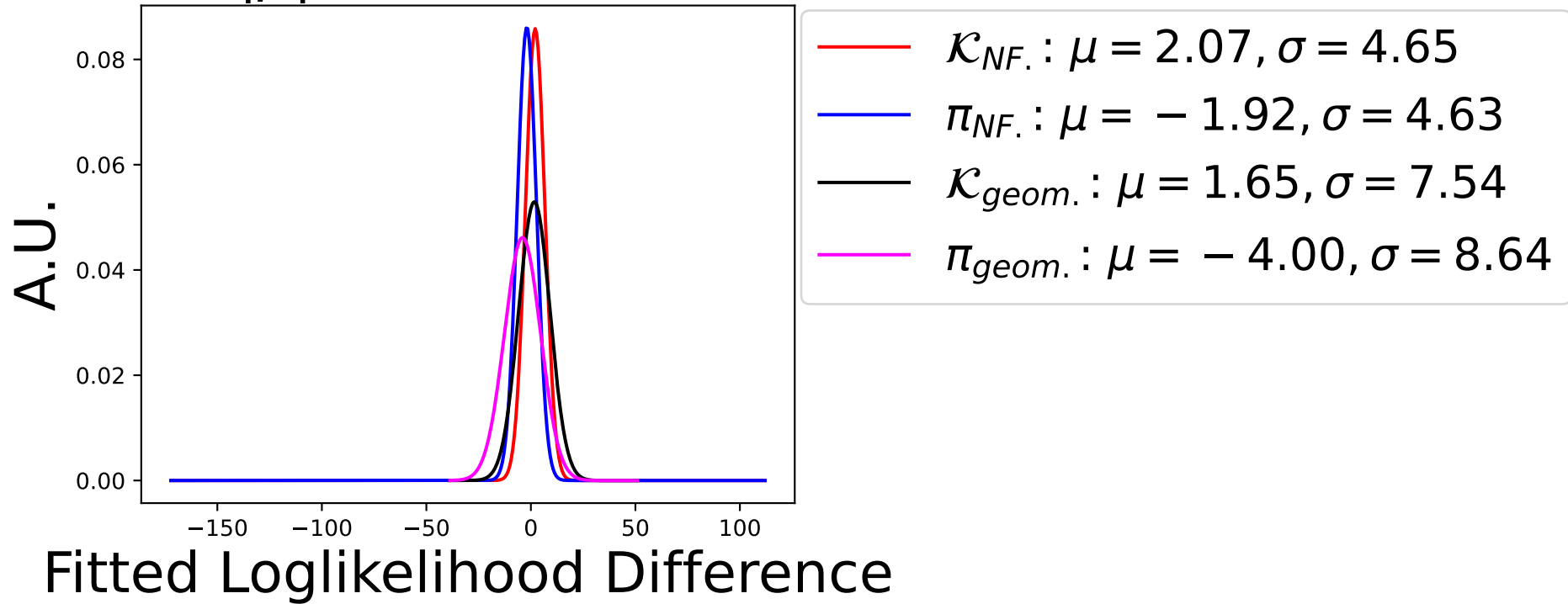
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.55, 6.65) \text{ GeV}$

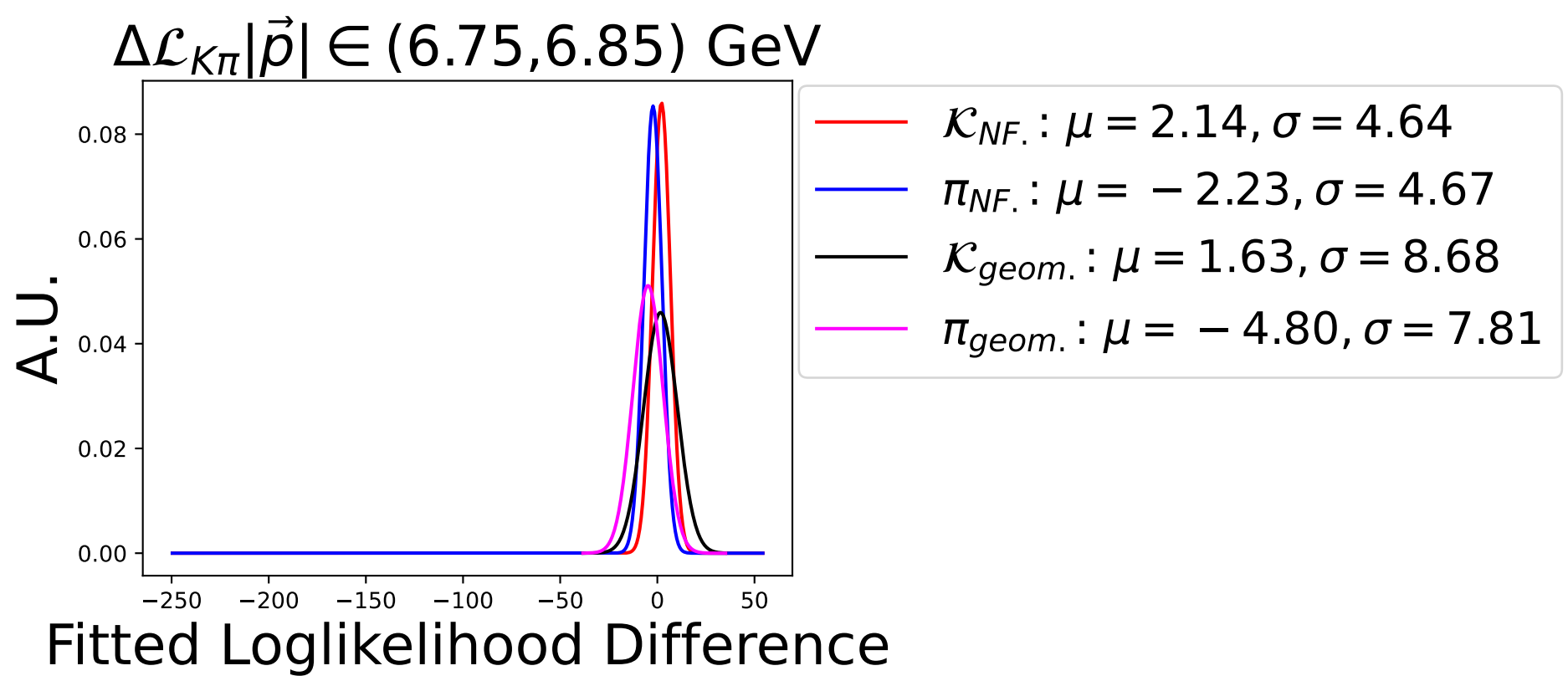
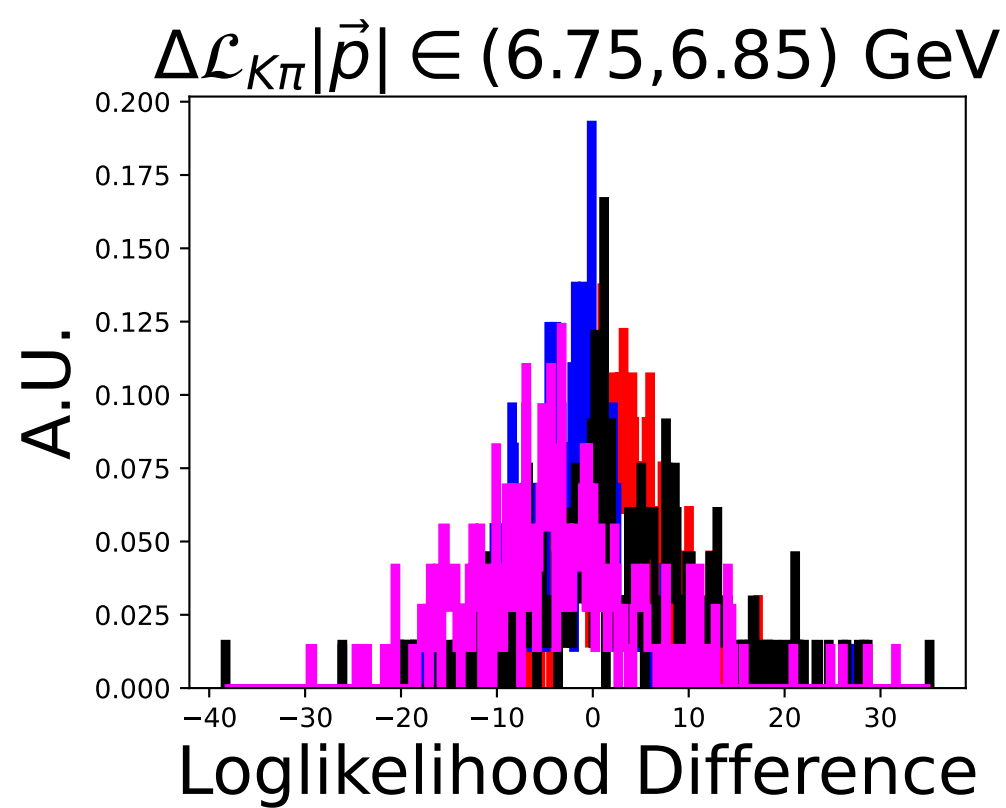


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.65, 6.75) \text{ GeV}$

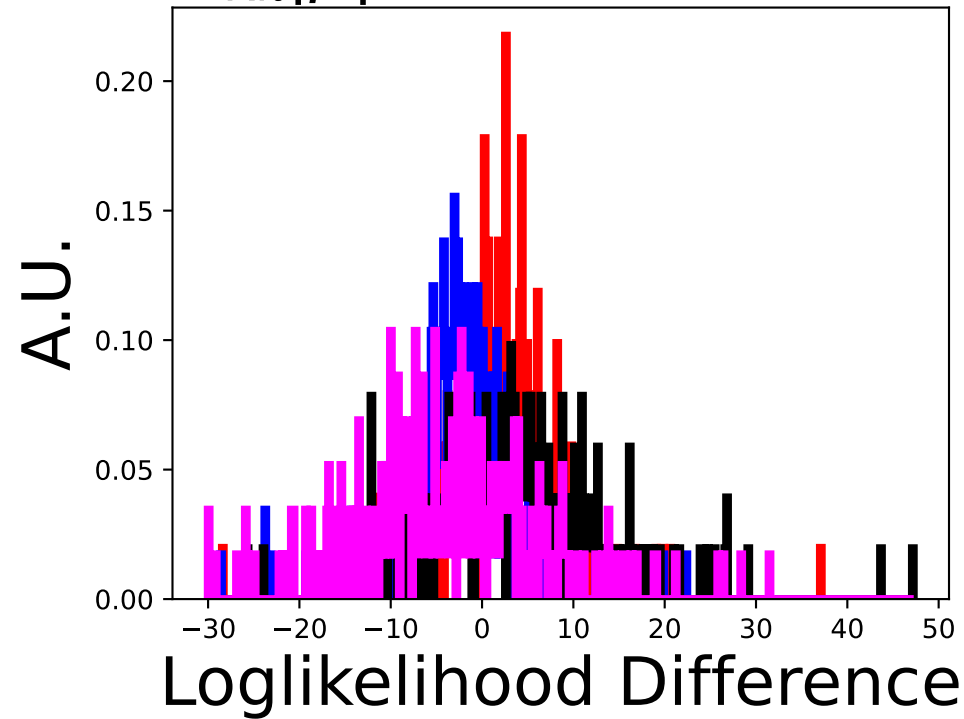


$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.65, 6.75) \text{ GeV}$

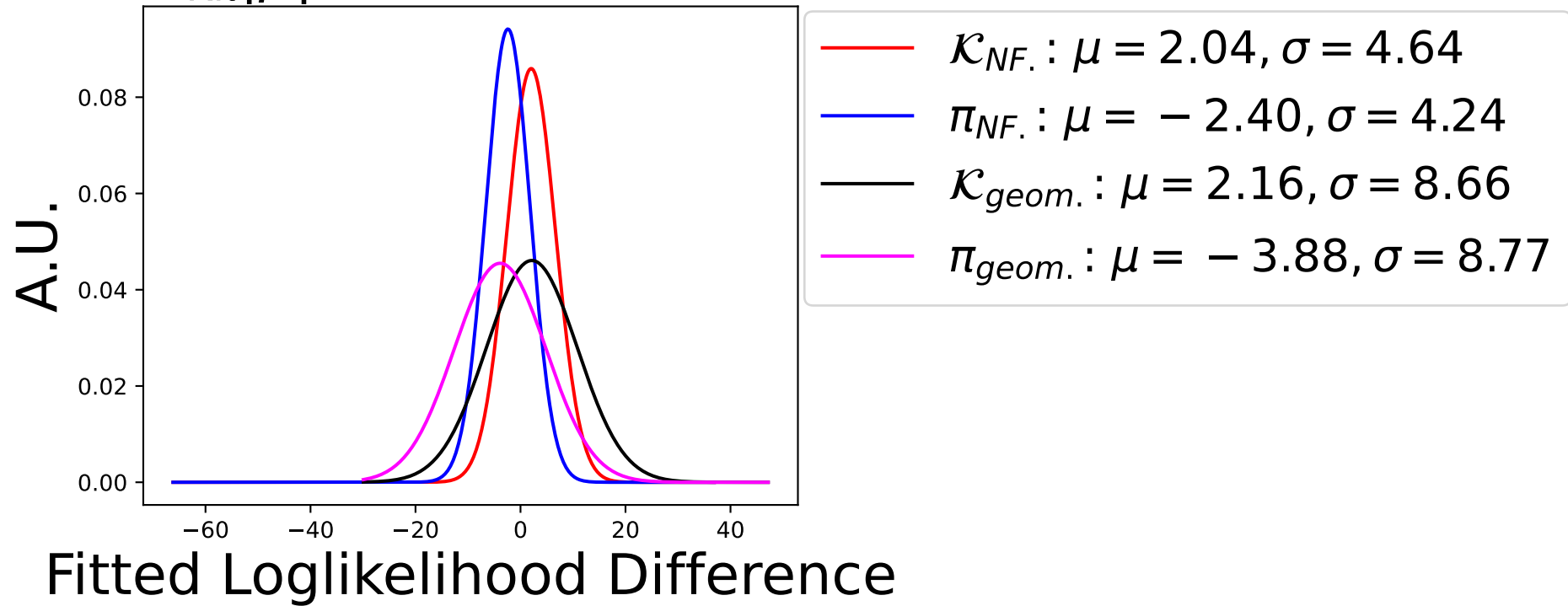




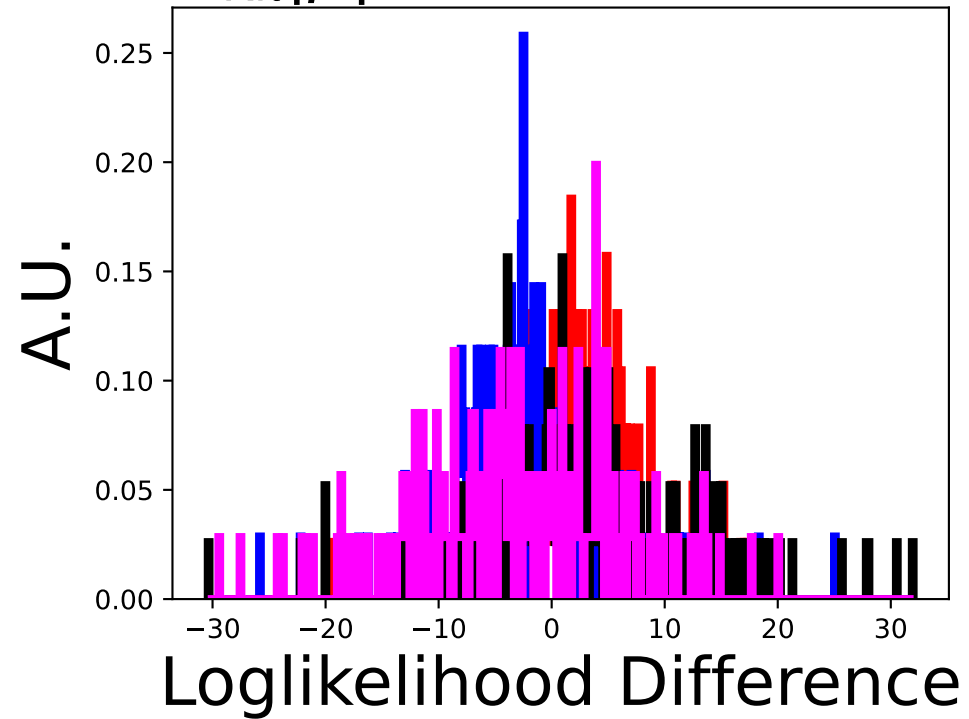
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.85, 6.95) \text{ GeV}$



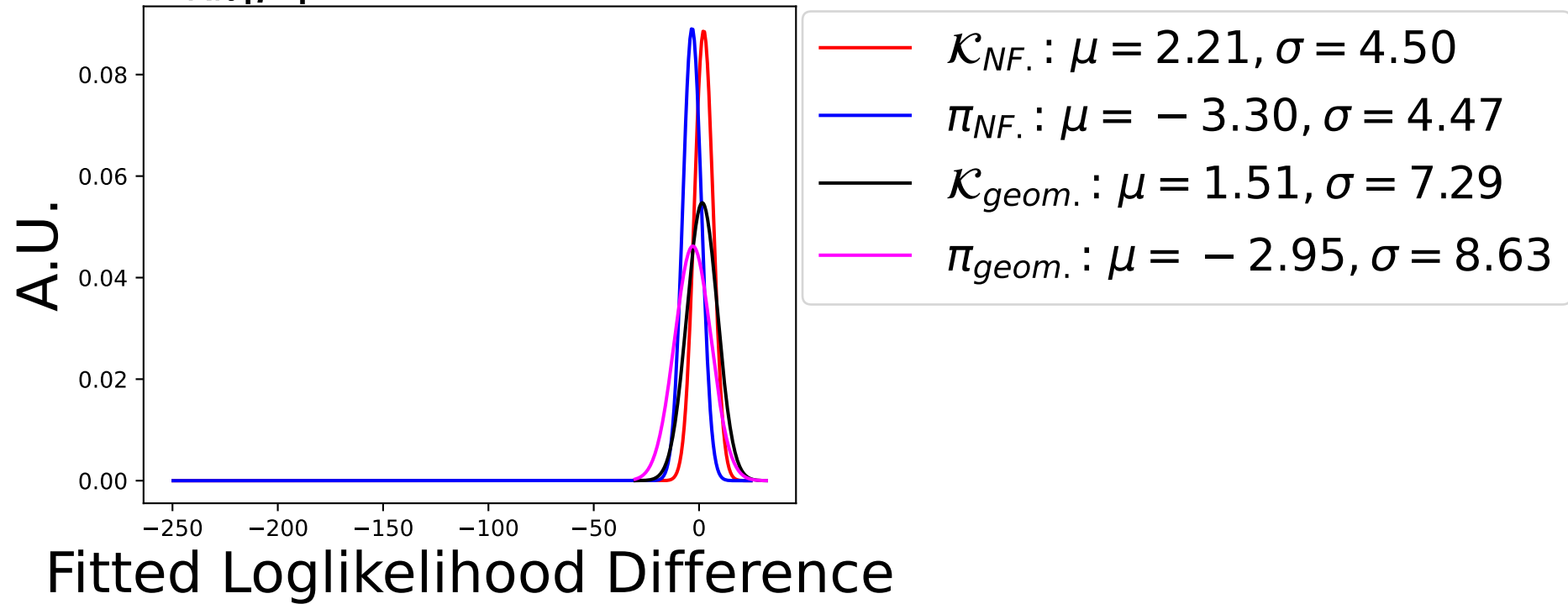
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.85, 6.95) \text{ GeV}$



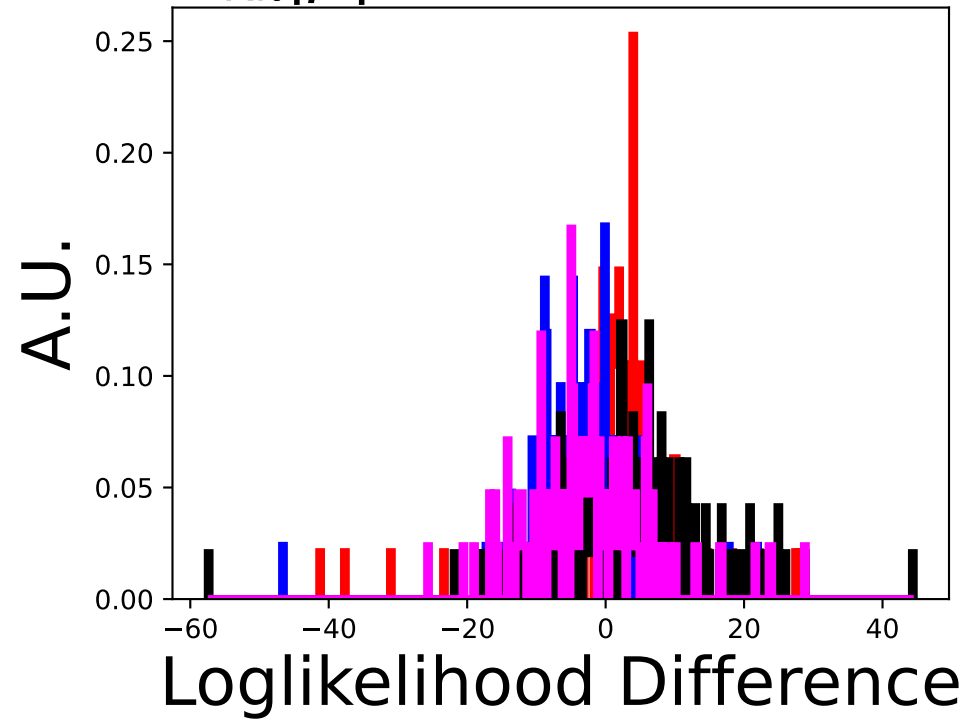
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.95, 7.05) \text{ GeV}$



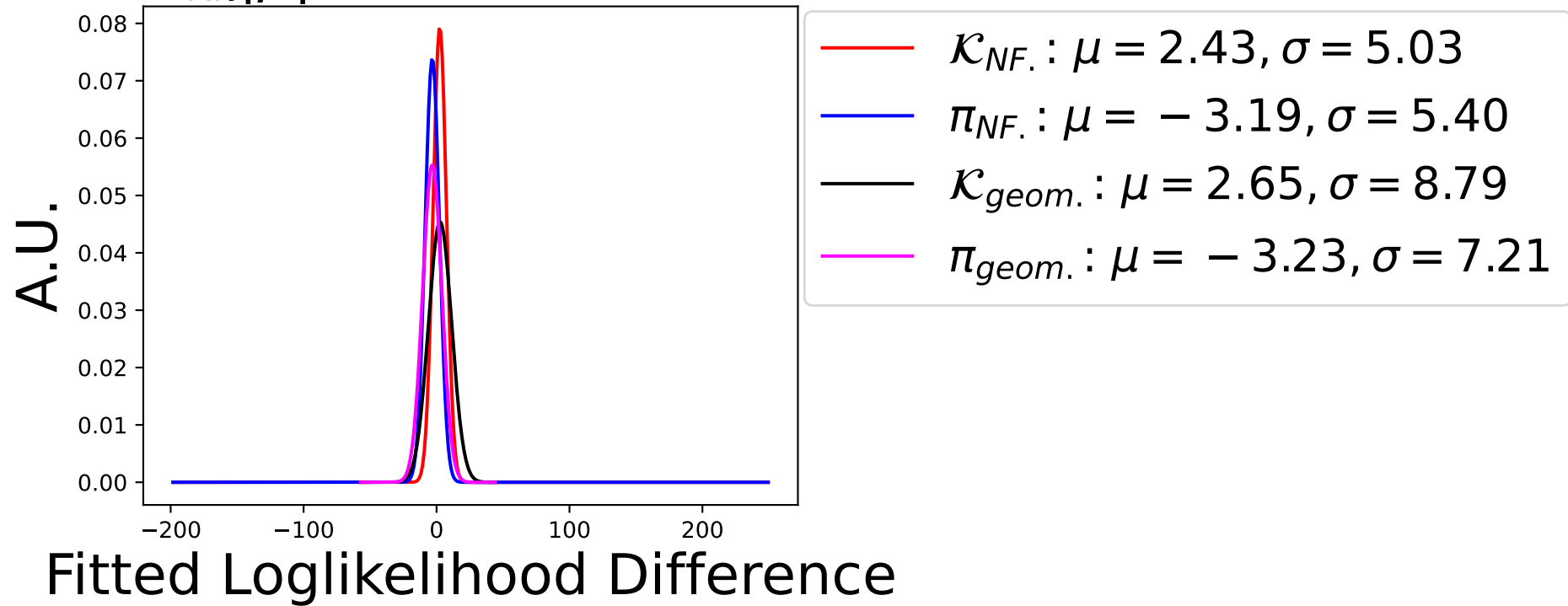
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (6.95, 7.05) \text{ GeV}$



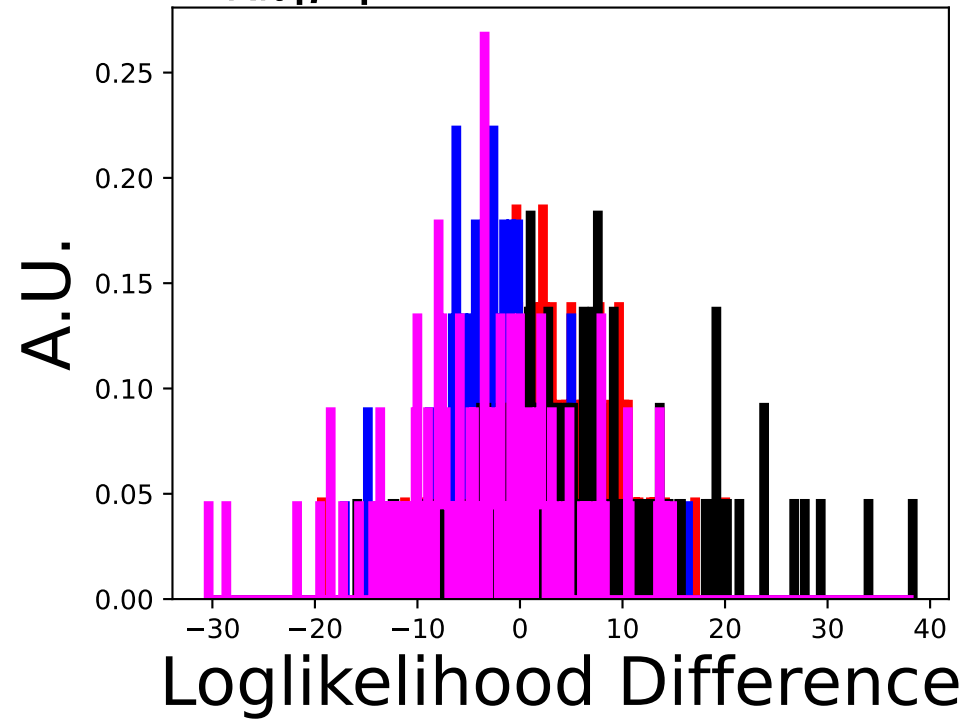
$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (7.05, 7.15) \text{ GeV}$



$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (7.05, 7.15) \text{ GeV}$



$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (7.15, 7.25) \text{ GeV}$



$\Delta\mathcal{L}_{K\pi}|\vec{p}| \in (7.15, 7.25) \text{ GeV}$

