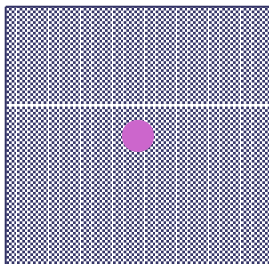
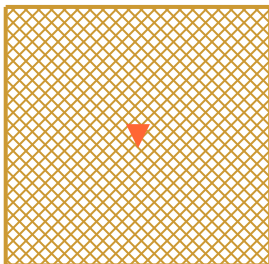


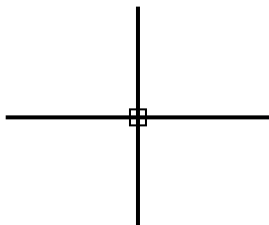
Prior



Tuned



Long

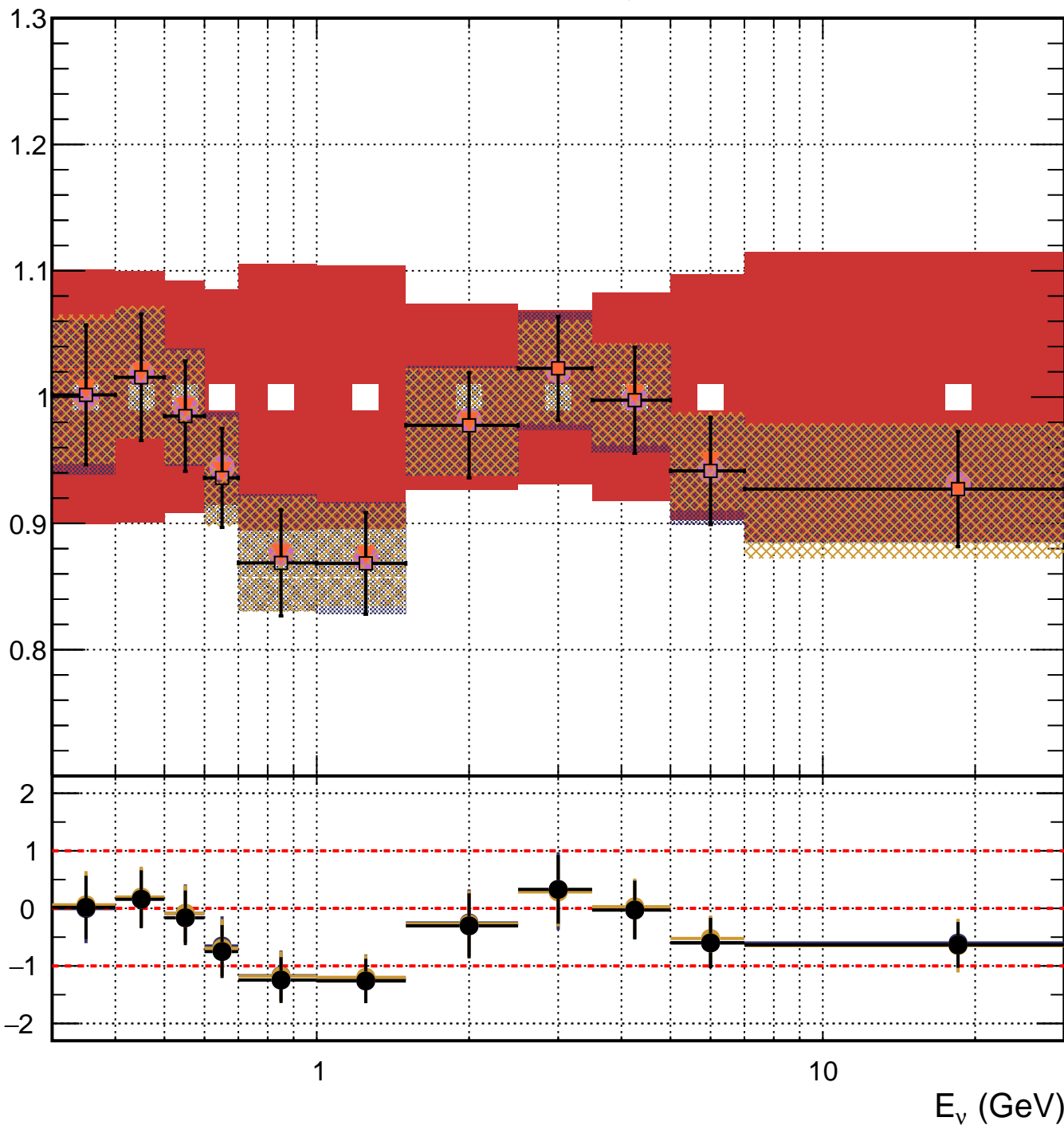


Short

# ND280 FHC $\nu_\mu$

Variation rel. nom.

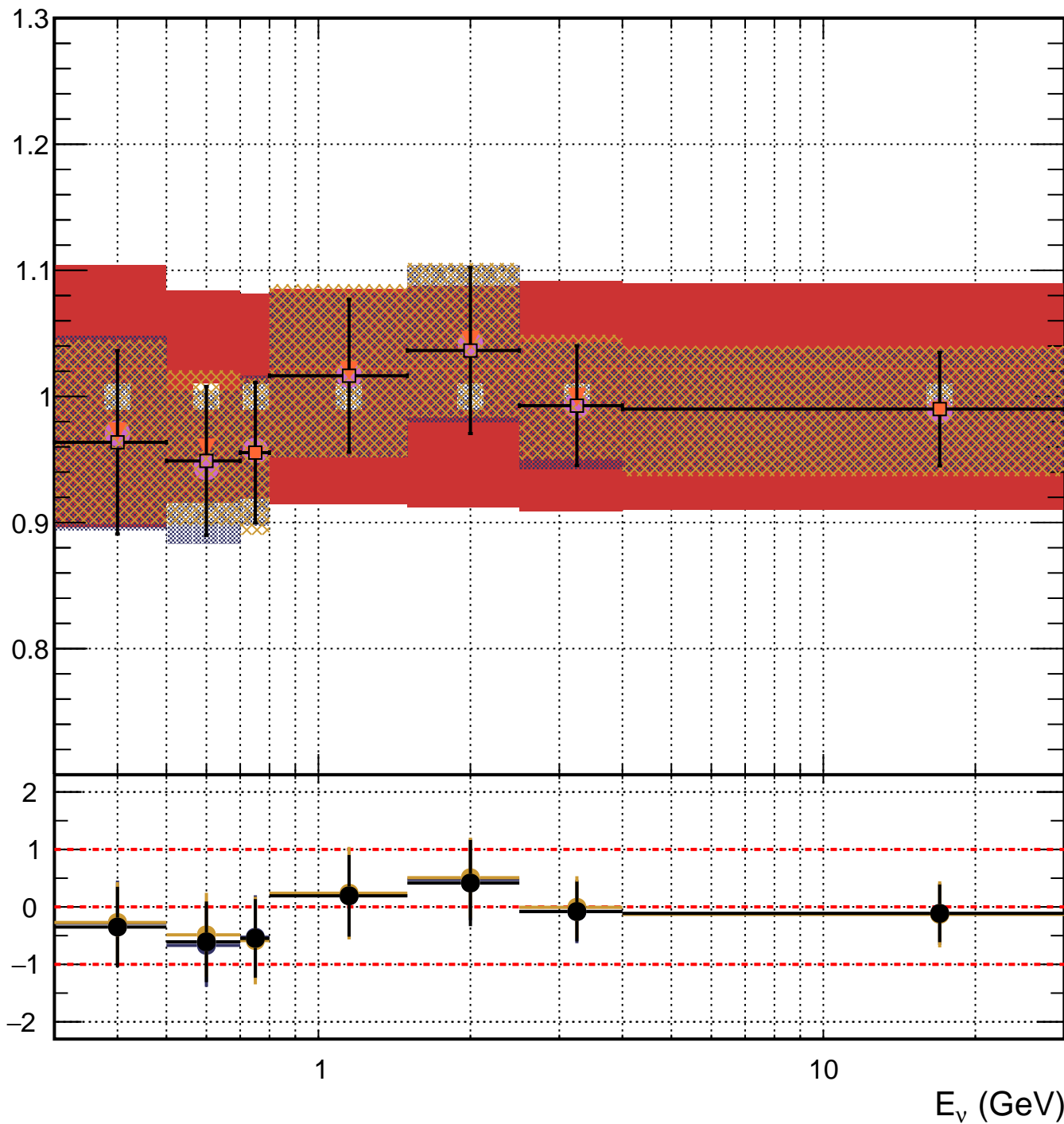
$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$



# ND280 FHC $\nu_e$

Variation rel. nom.

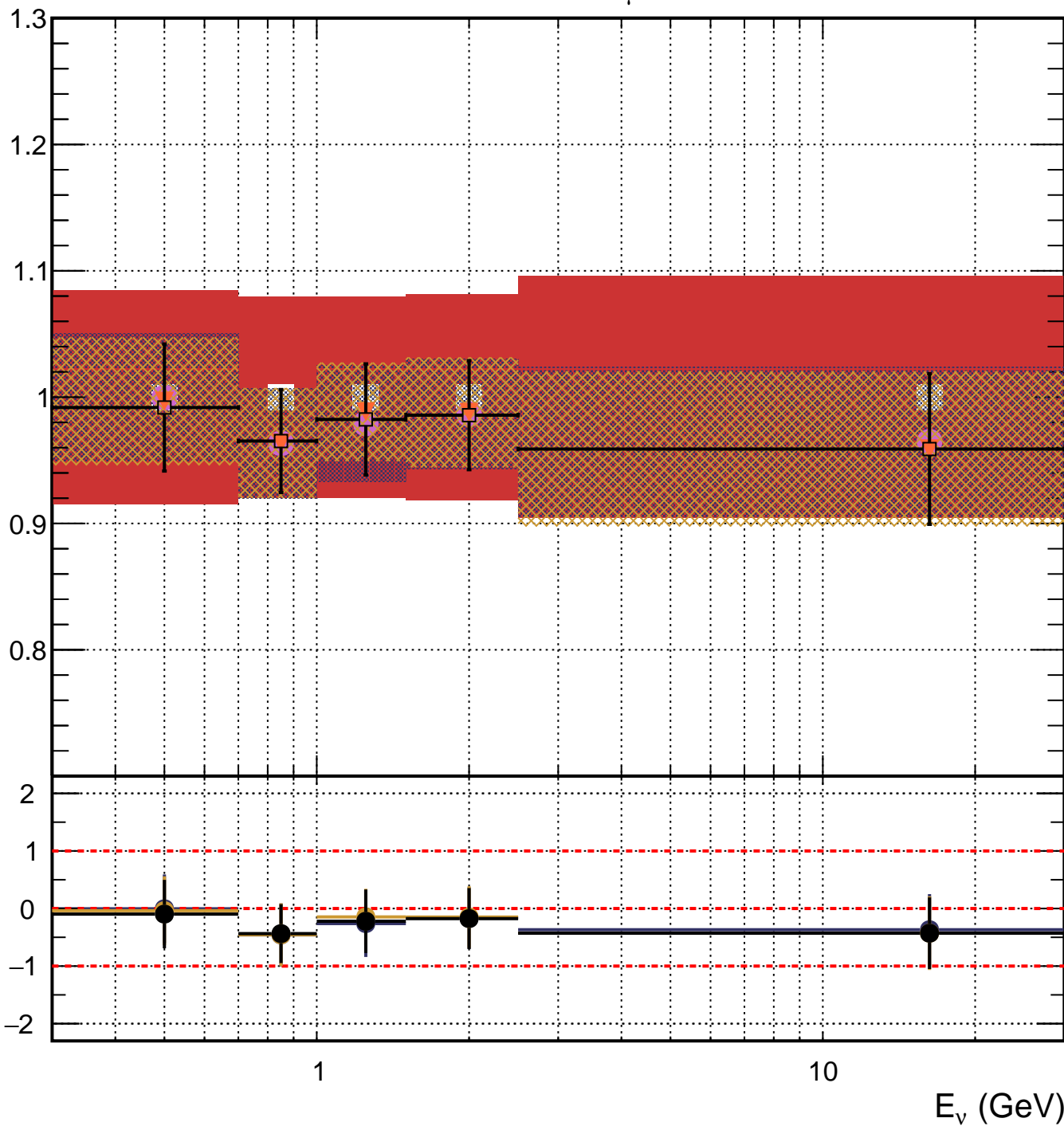
$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$



# ND280 FHC $\bar{\nu}_\mu$

Variation rel. nom.

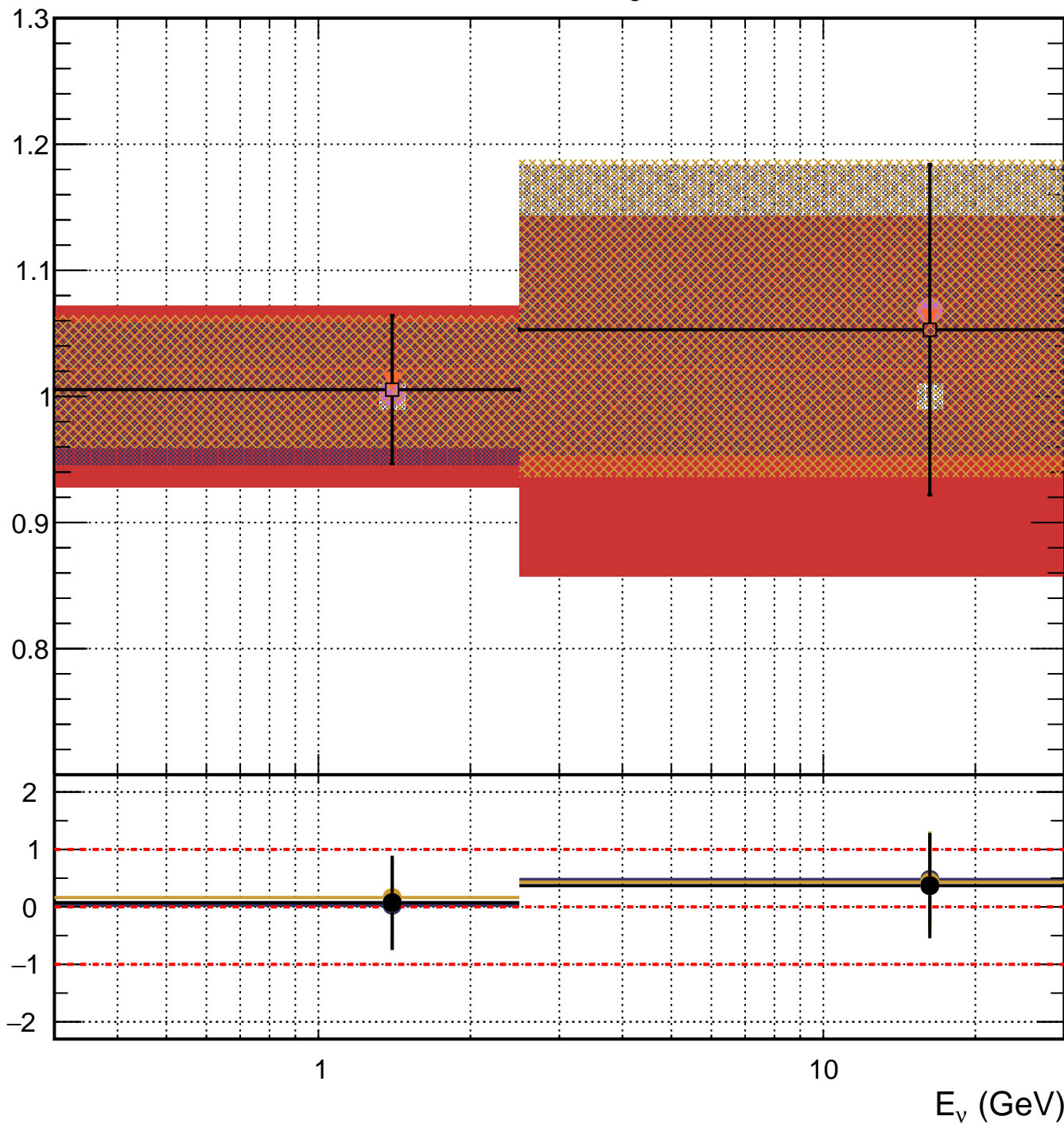
$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$



# ND280 FHC $\bar{\nu}_e$

Variation rel. nom.

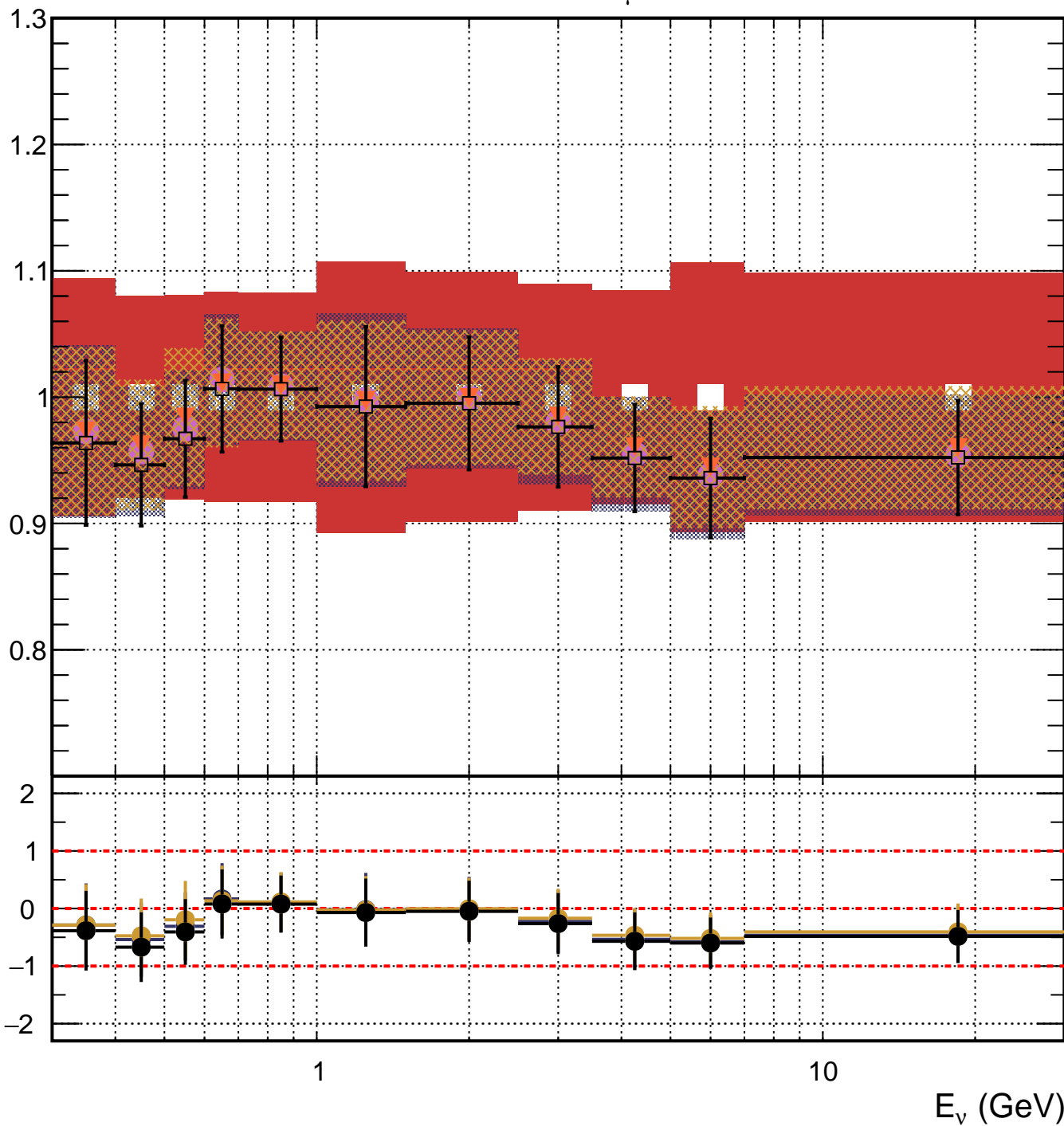
$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$



# ND280 RHC $\bar{\nu}_\mu$

Variation rel. nom.

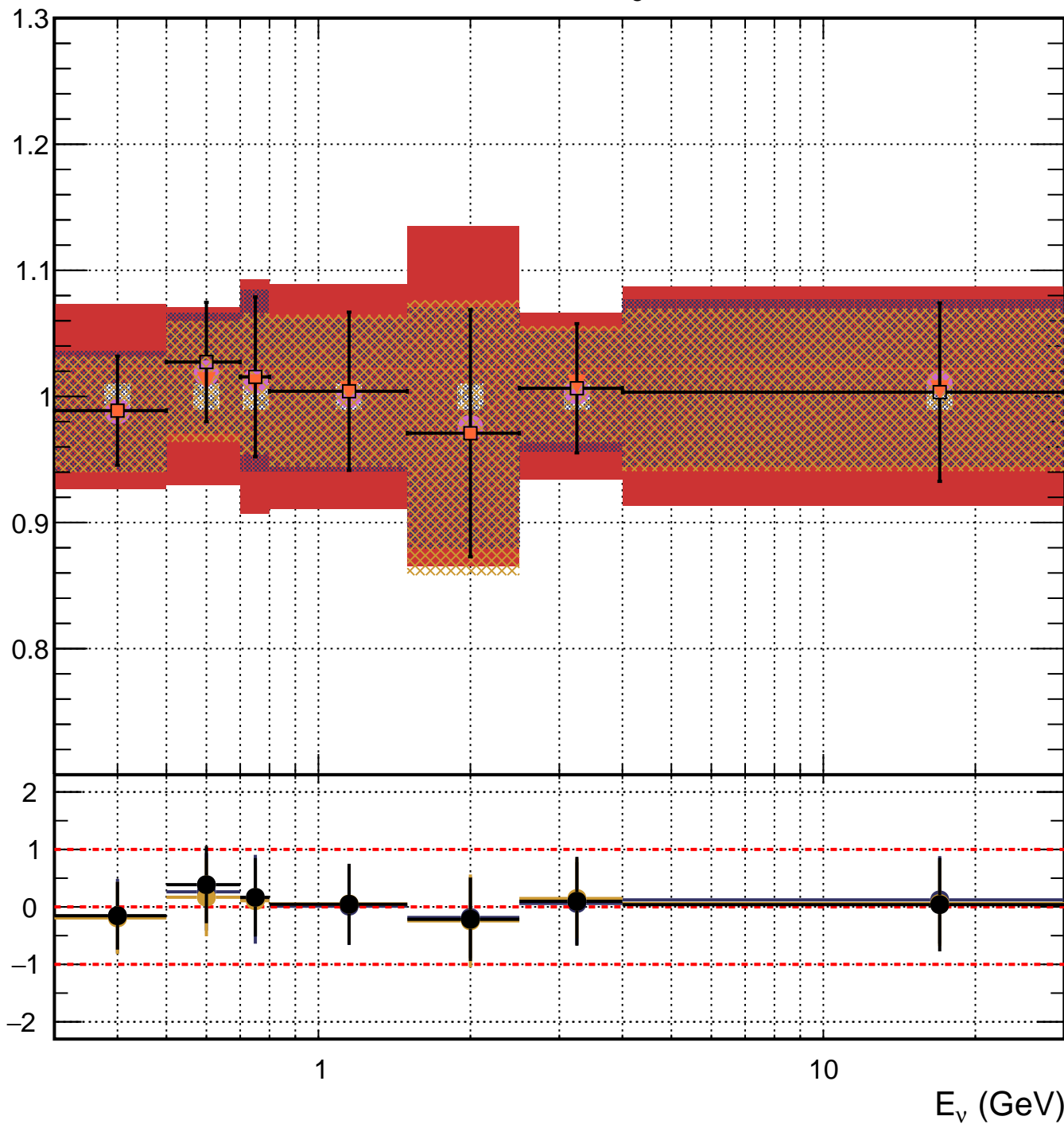
$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$



# ND280 RHC $\bar{\nu}_e$

Variation rel. nom.

$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$

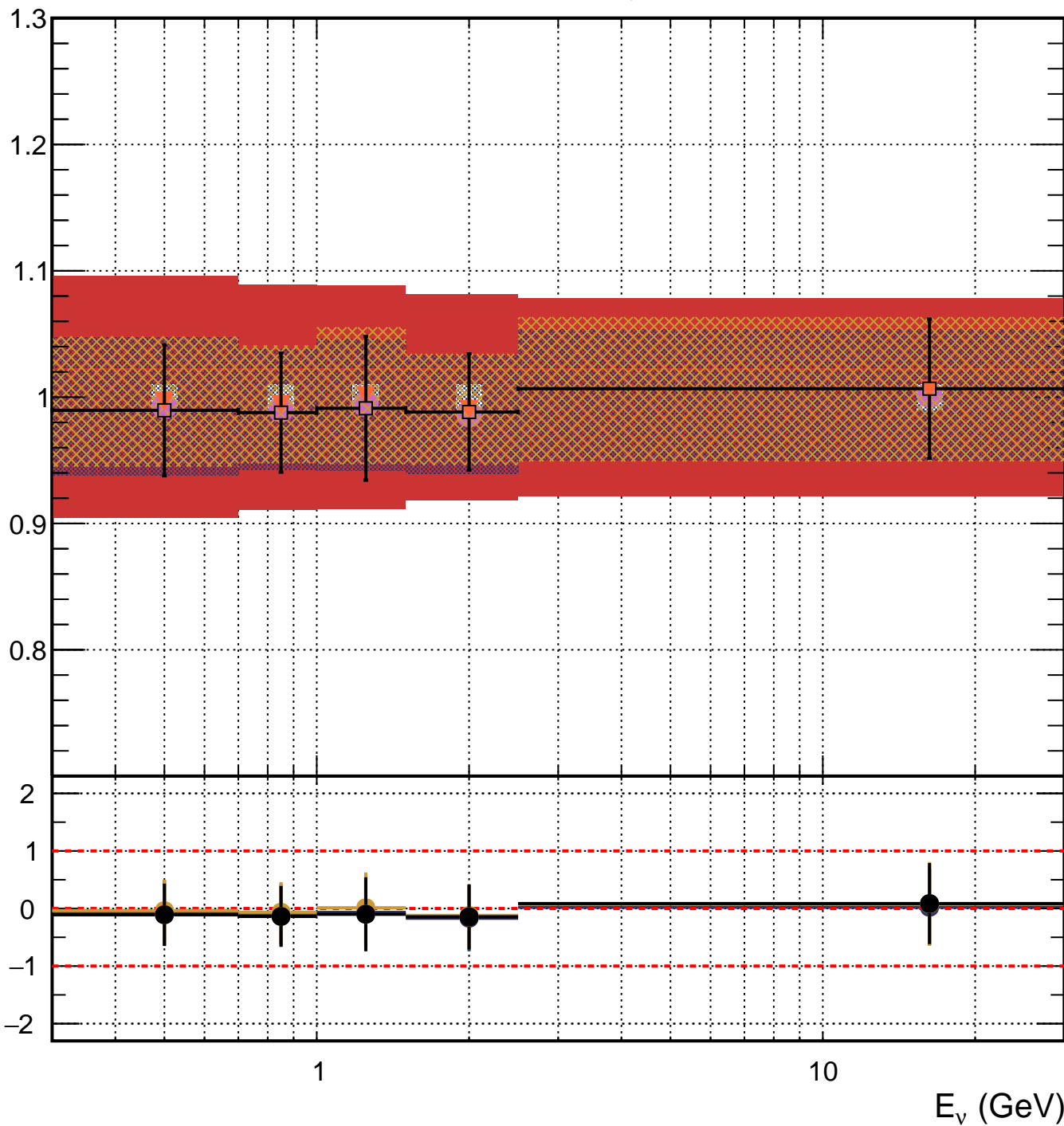




# ND280 RHC $\nu_\mu$

Variation rel. nom.

$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$

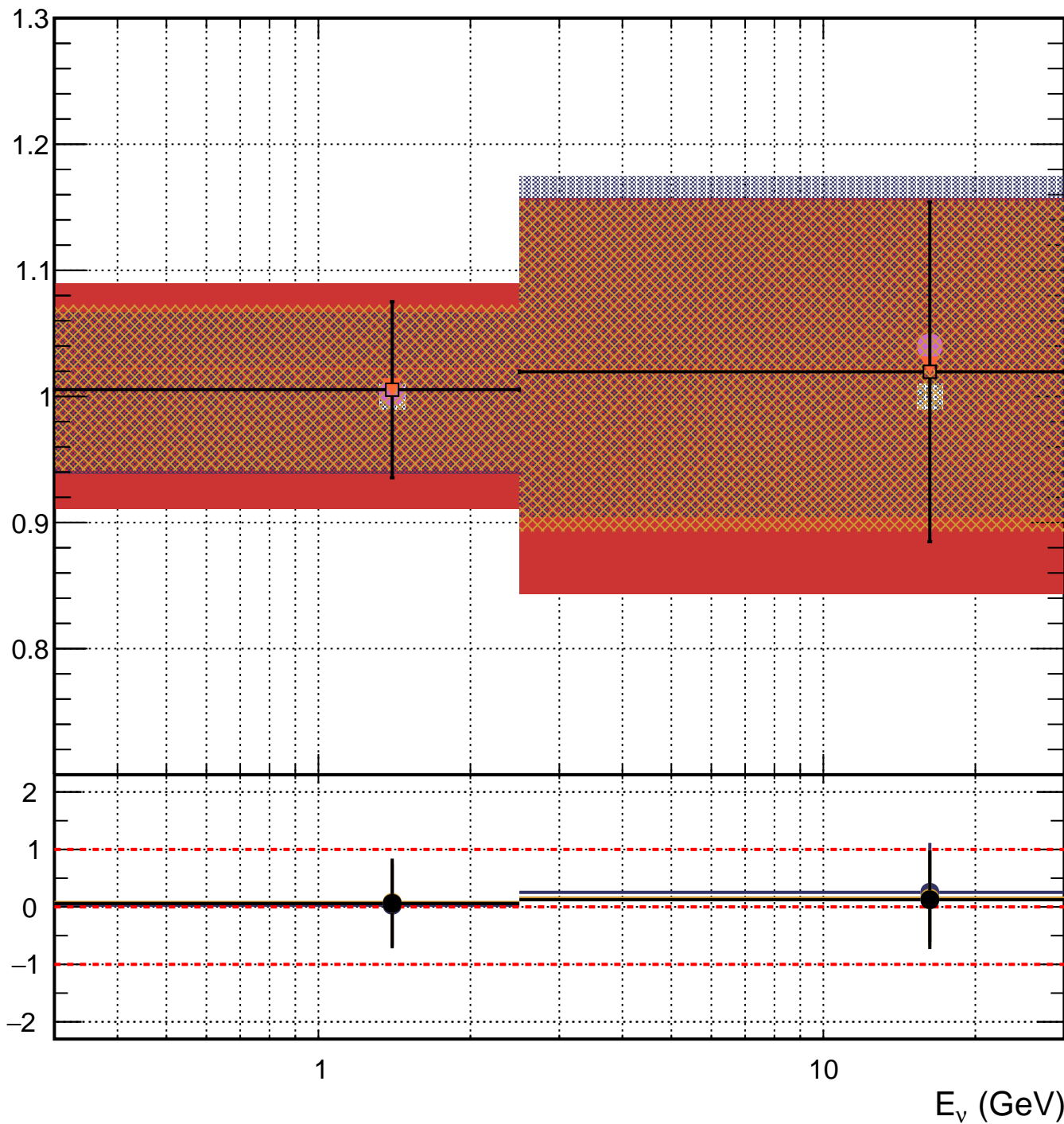




# ND280 RHC $\nu_e$

Variation rel. nom.

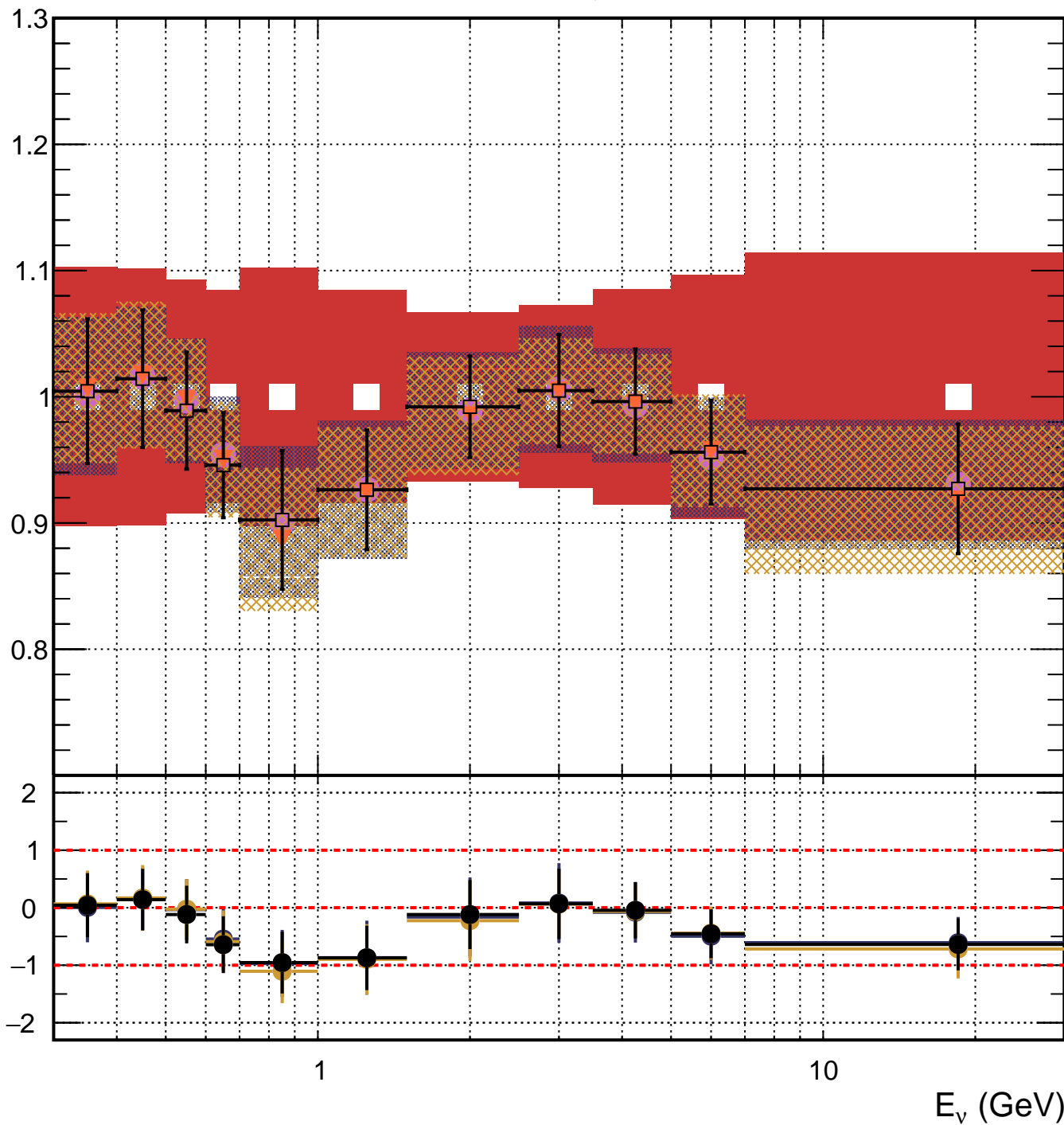
$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$



# SK FHC $\nu_\mu$

Variation rel. nom.

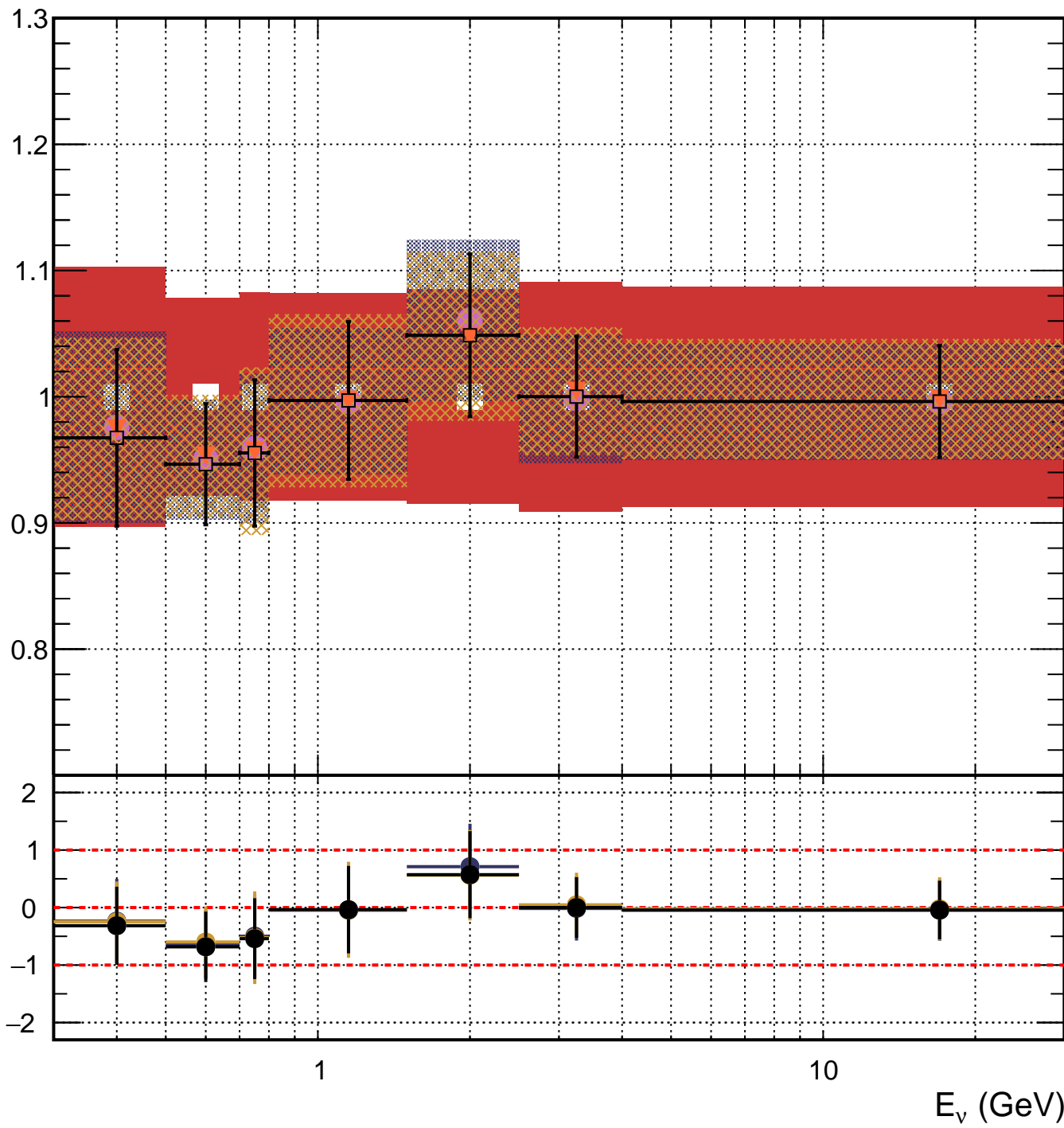
$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$

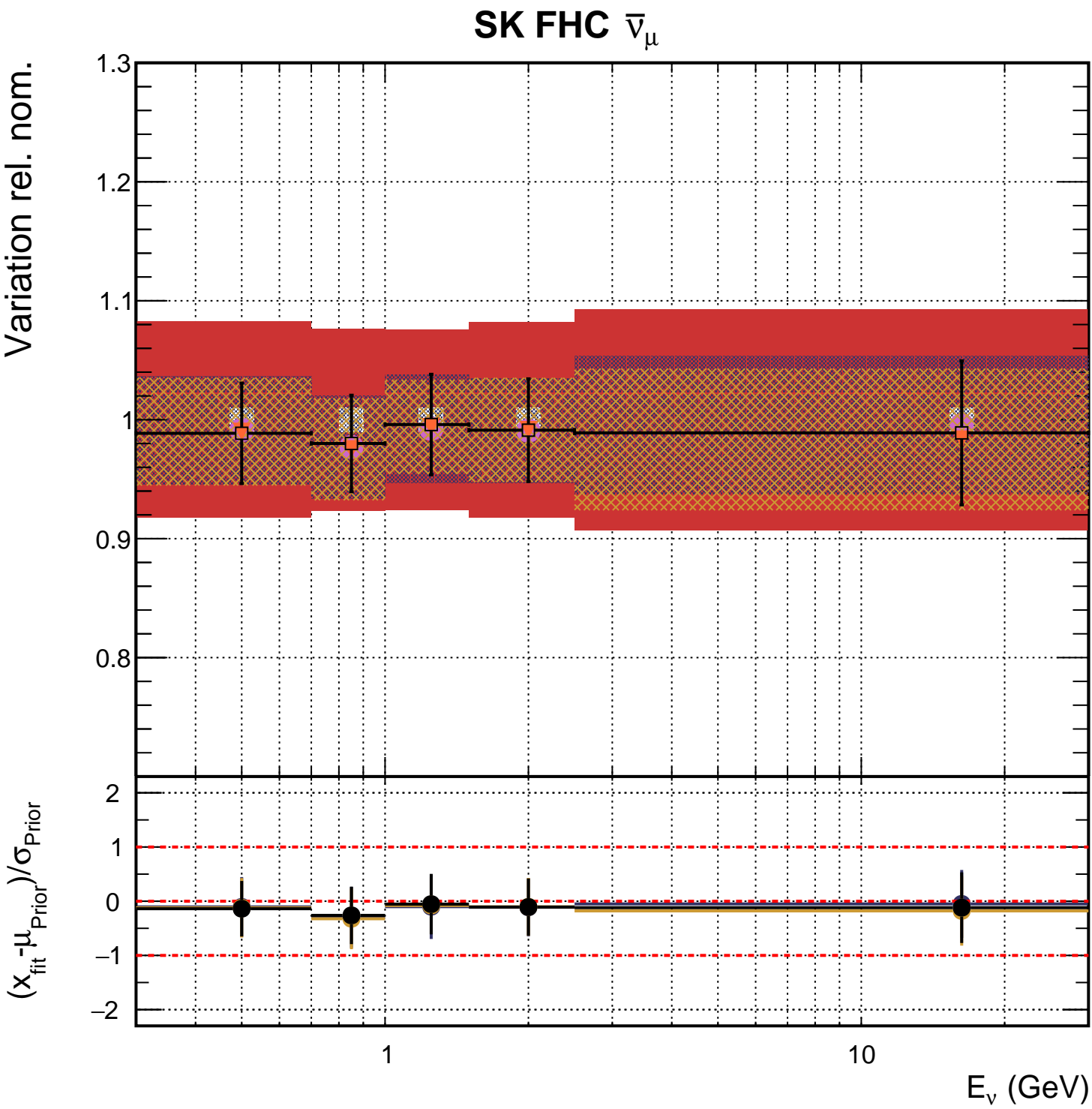


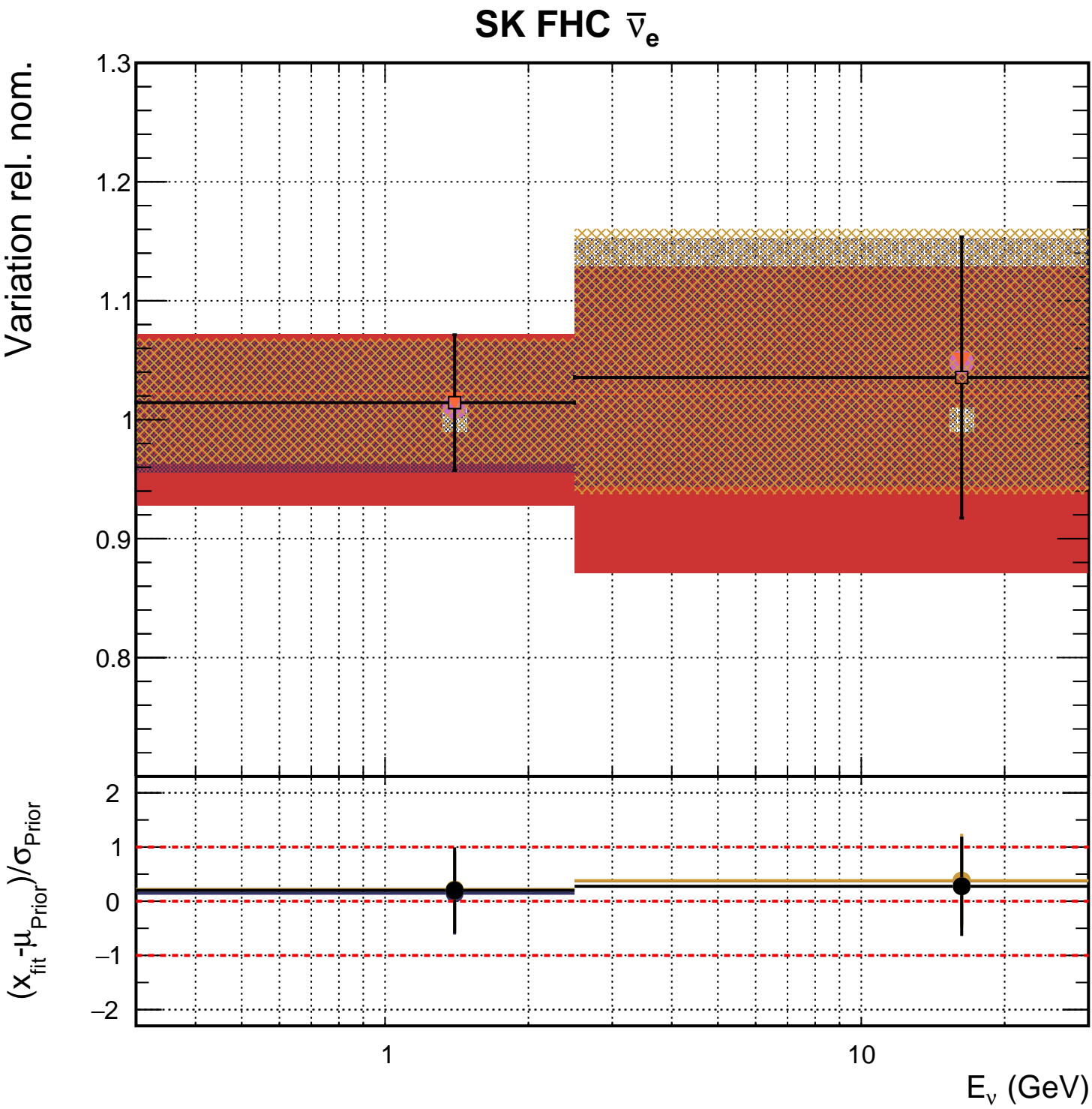
# SK FHC $\nu_e$

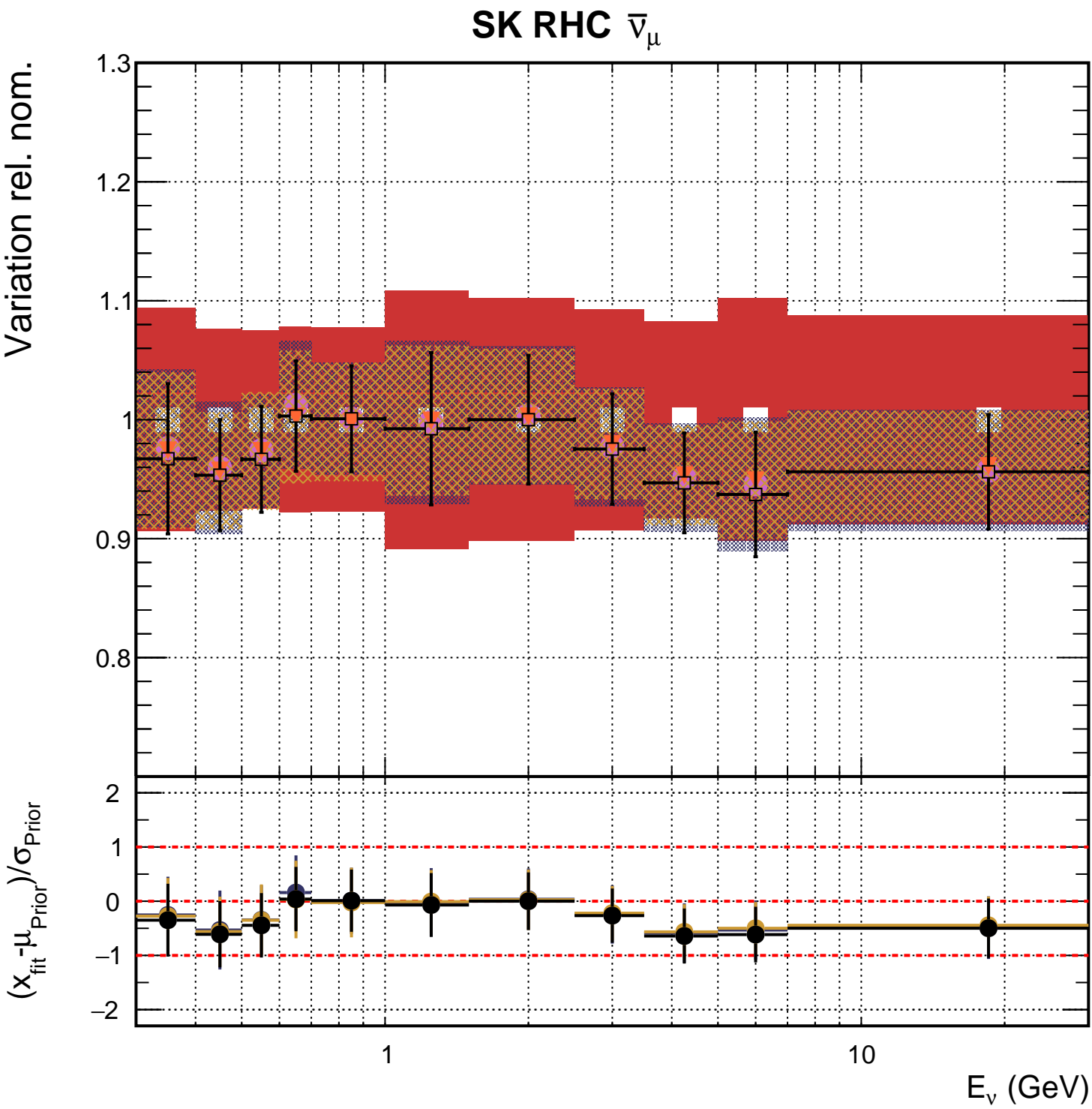
Variation rel. nom.

$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$







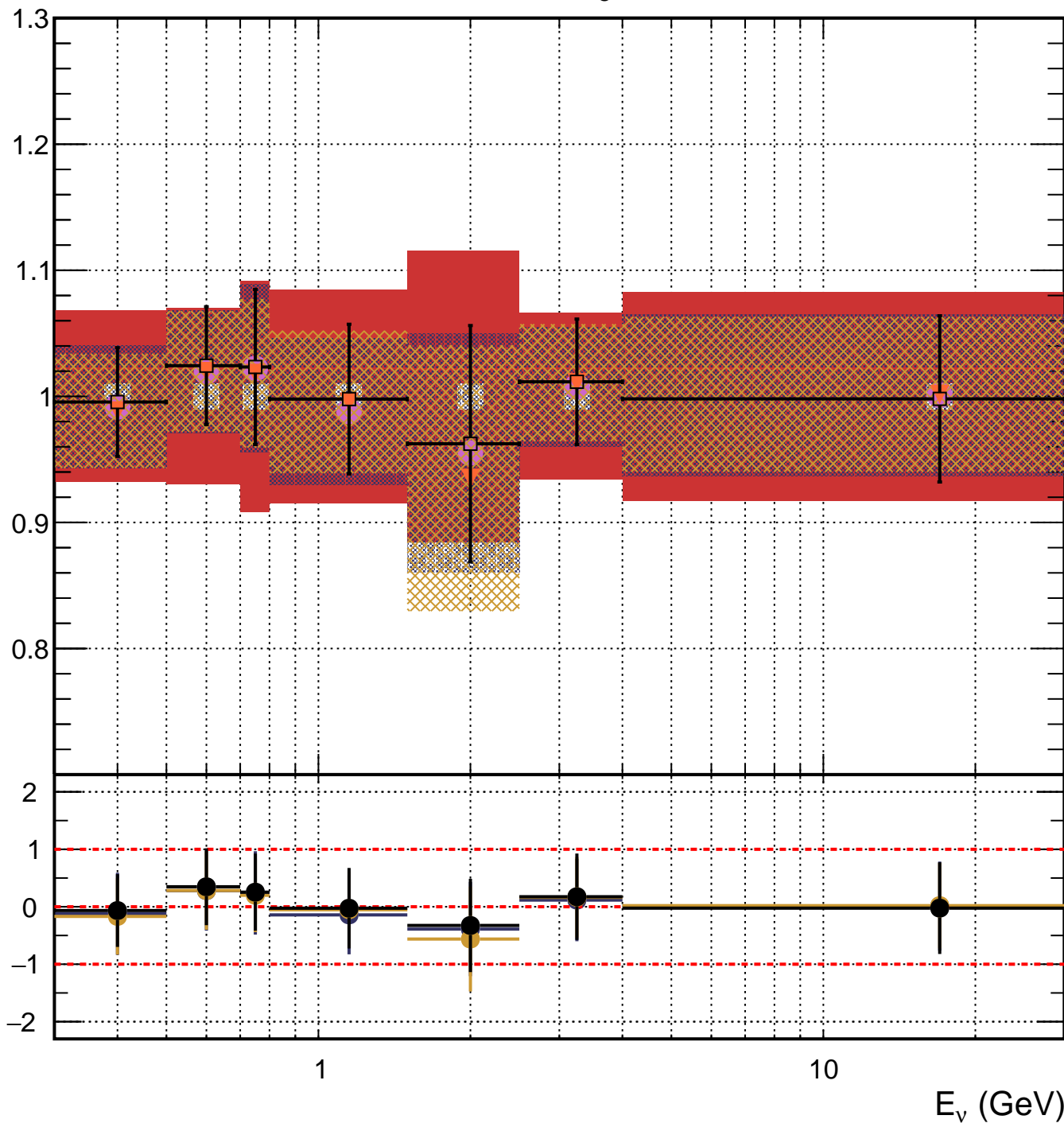




# SK RHC $\bar{\nu}_e$

Variation rel. nom.

$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$

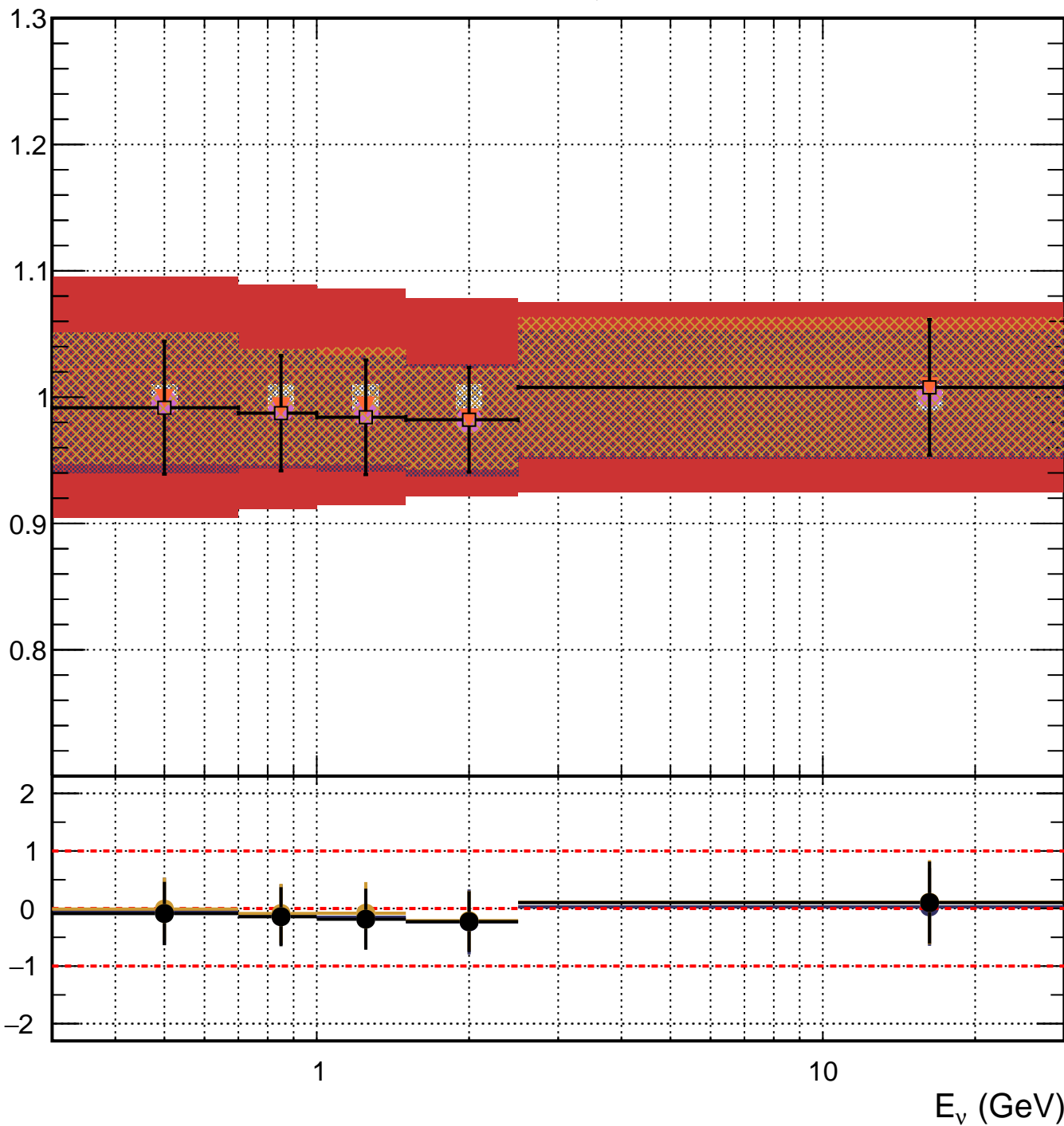




# SK RHC $\nu_\mu$

Variation rel. nom.

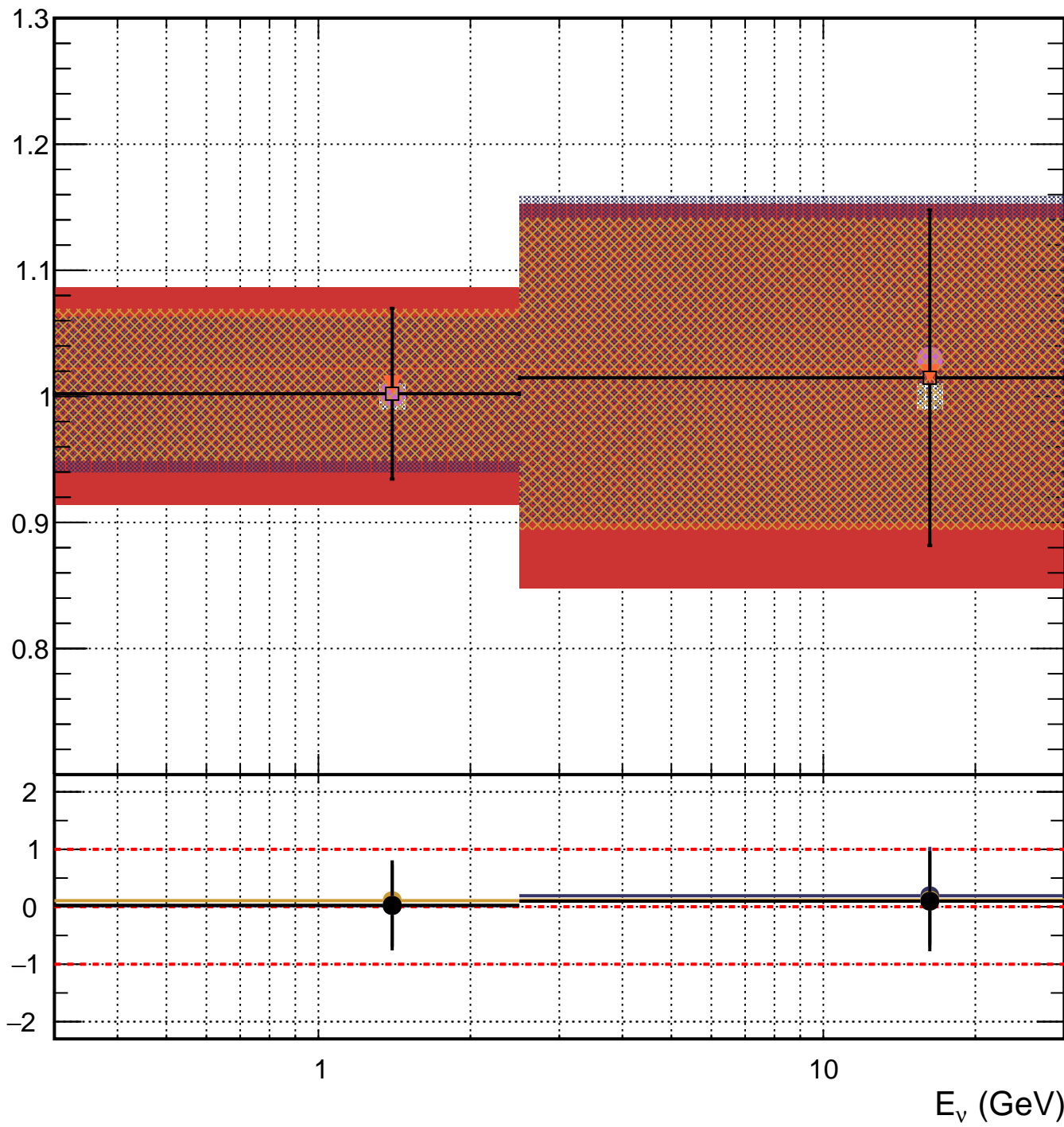
$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$

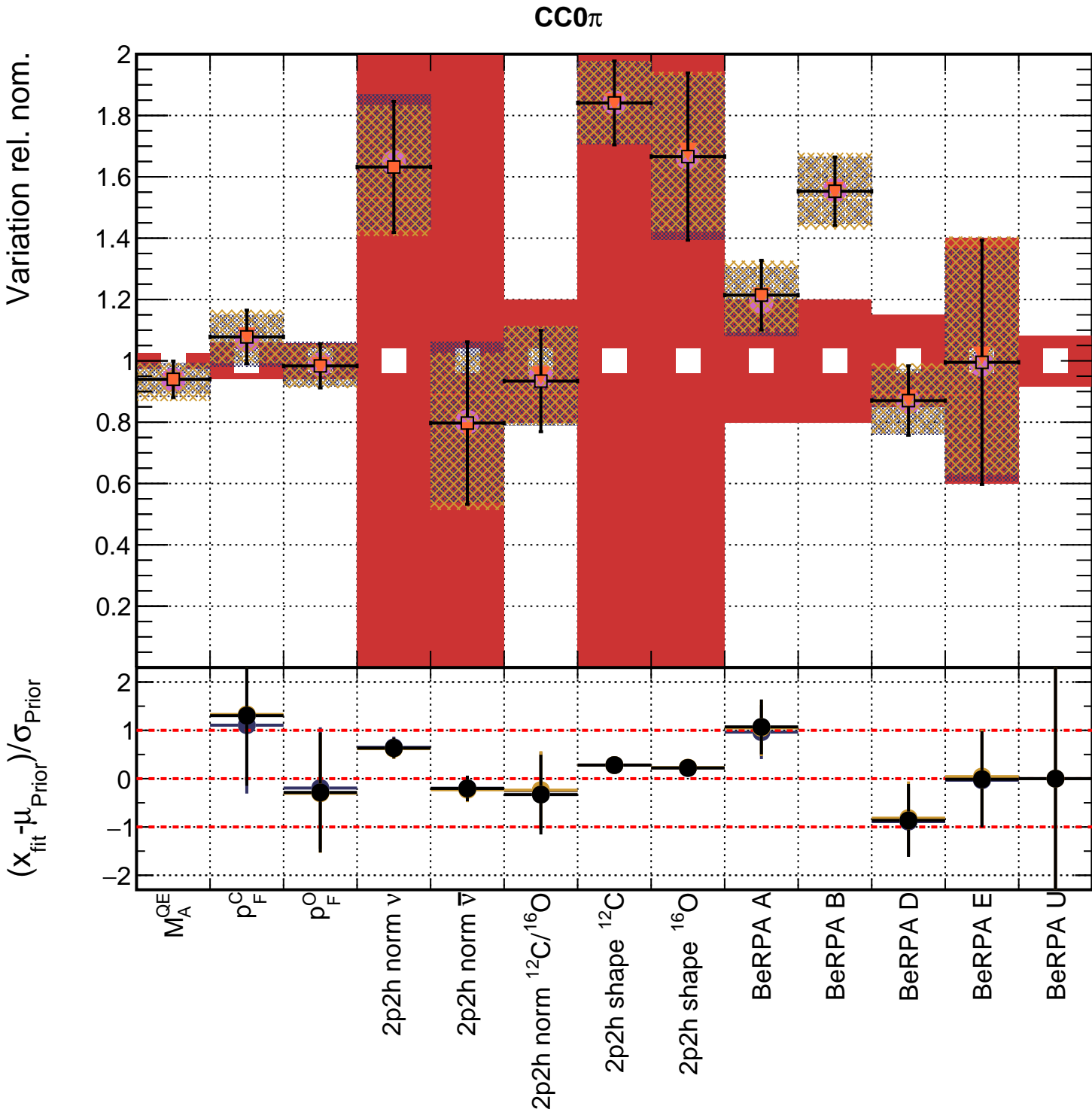


# SK RHC $\nu_e$

Variation rel. nom.

$(x_{\text{fit}} - \mu_{\text{prior}}) / \sigma_{\text{prior}}$

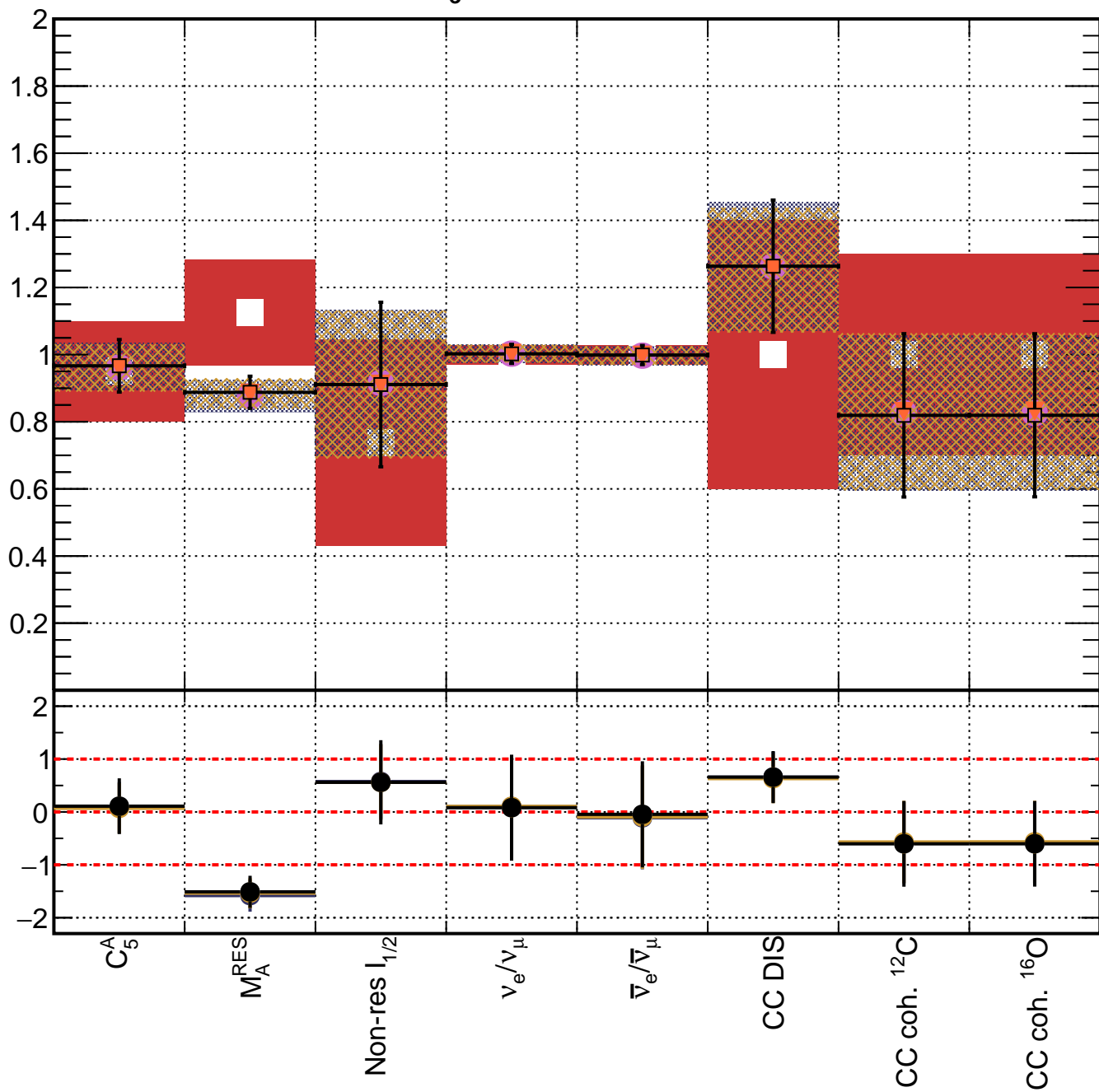


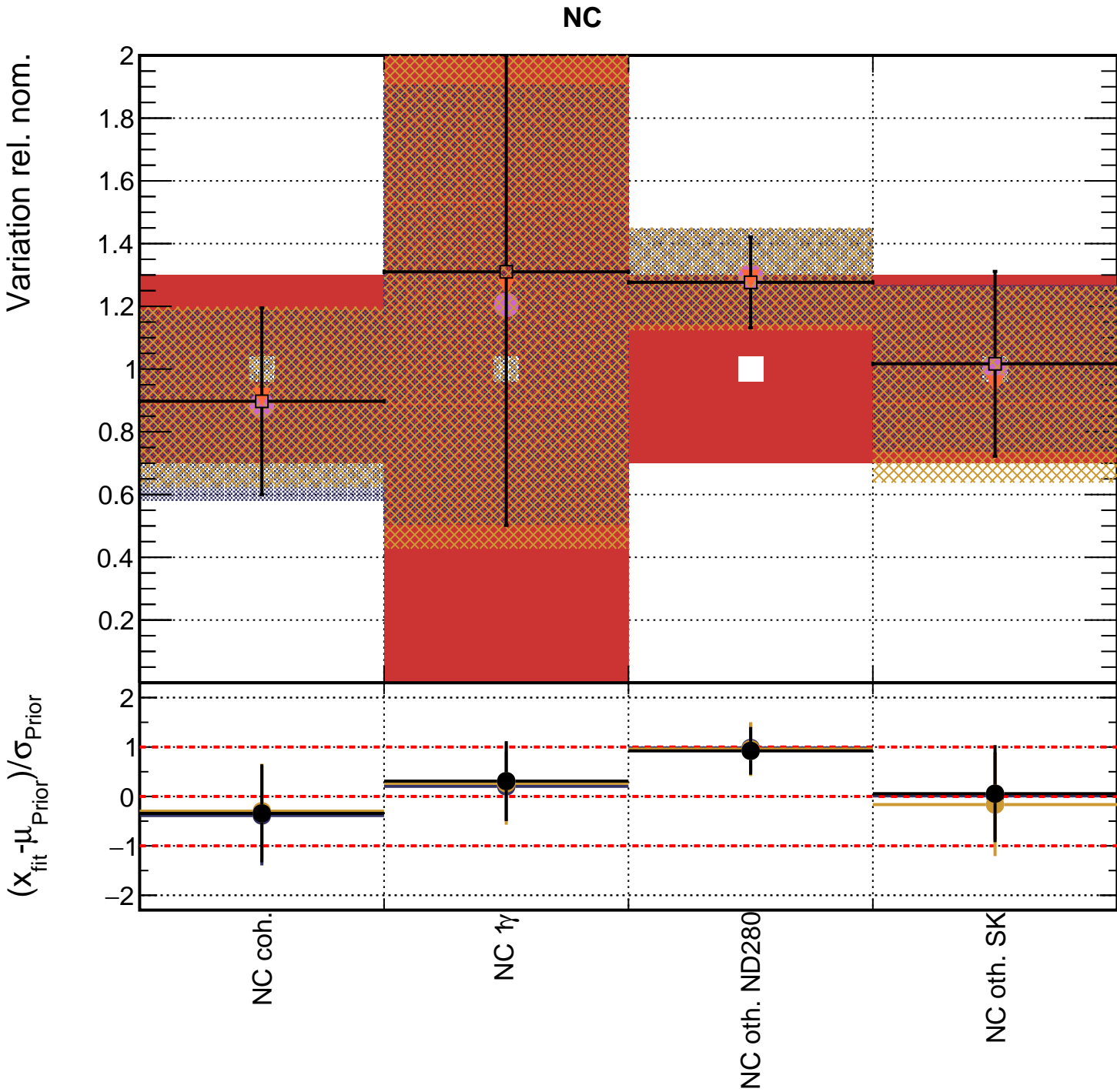


# CC1 $\pi$ , $\nu_e$ , CC DIS, CC coh

Variation rel. nom.

$(x_{\text{fit}} - \mu_{\text{Prior}}) / \sigma_{\text{Prior}}$





# Pion FSI

Variation rel. nom.

$(x_{\text{fit}} - \mu_{\text{Prior}}) / \sigma_{\text{Prior}}$

