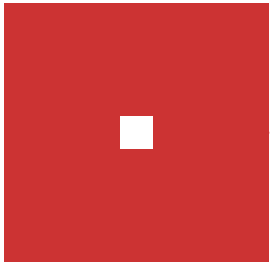
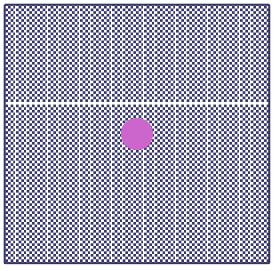
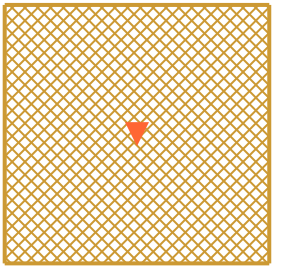


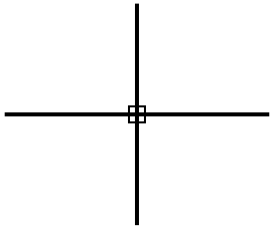
Prior



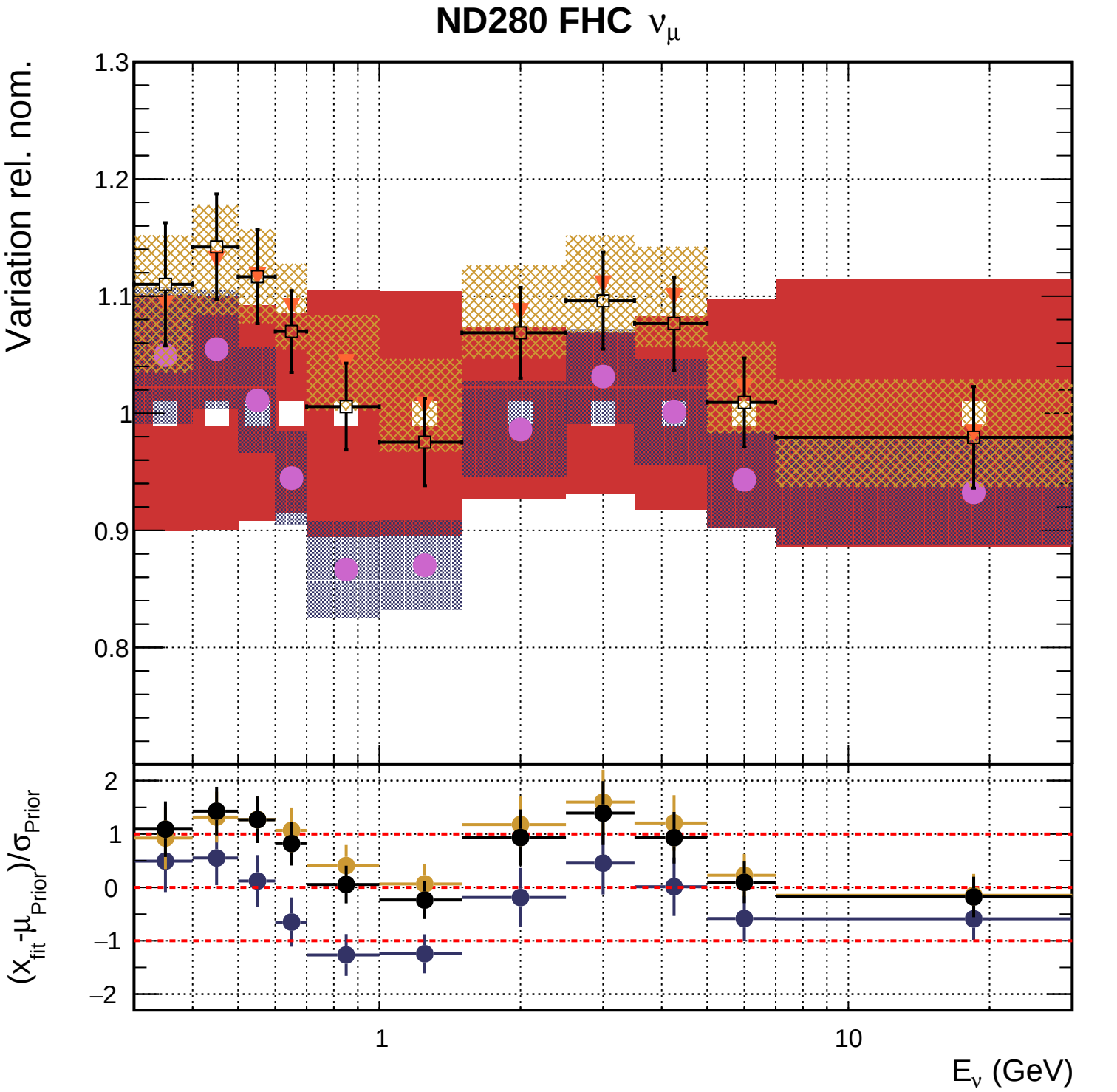
2p2h fixed

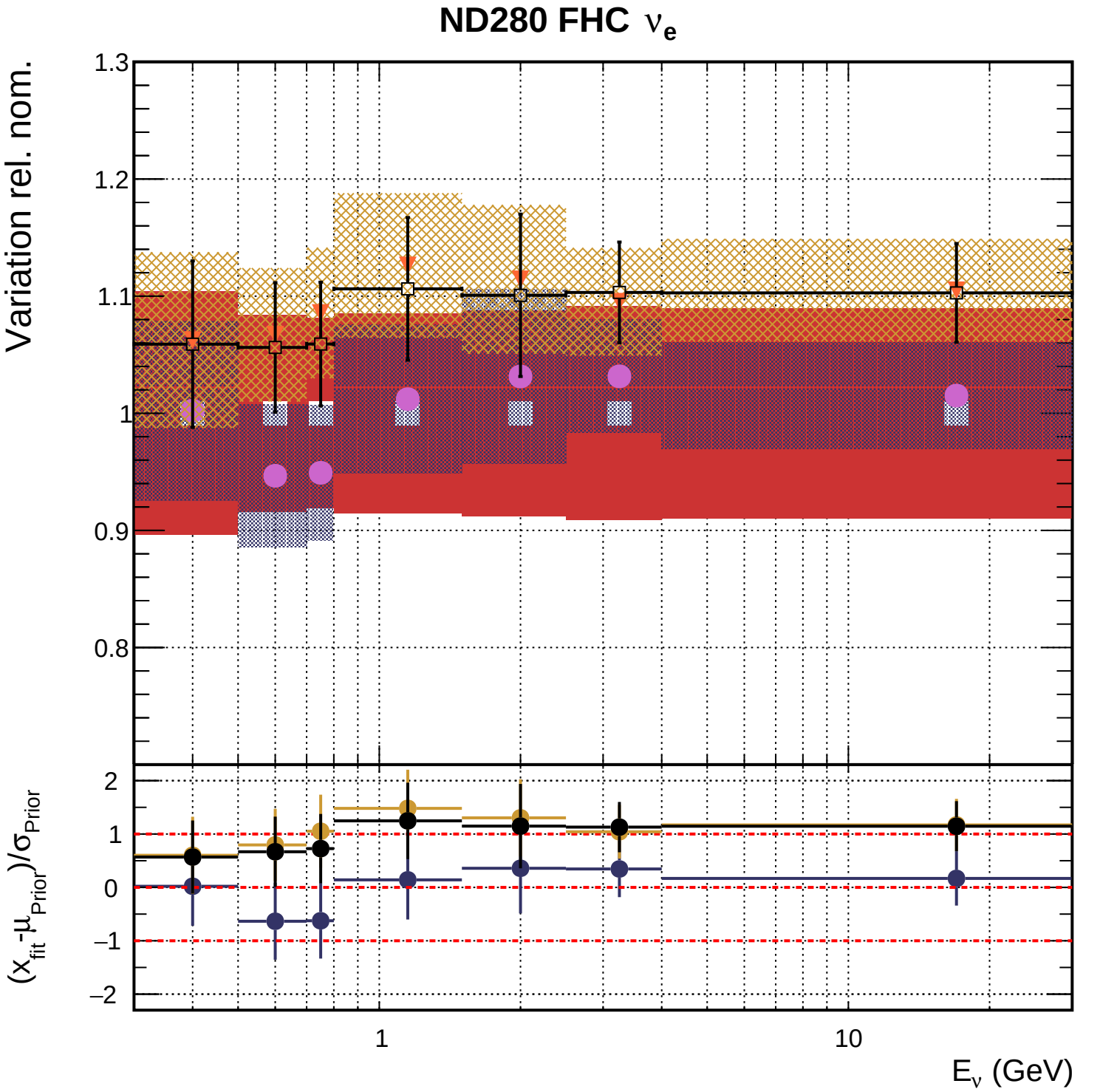


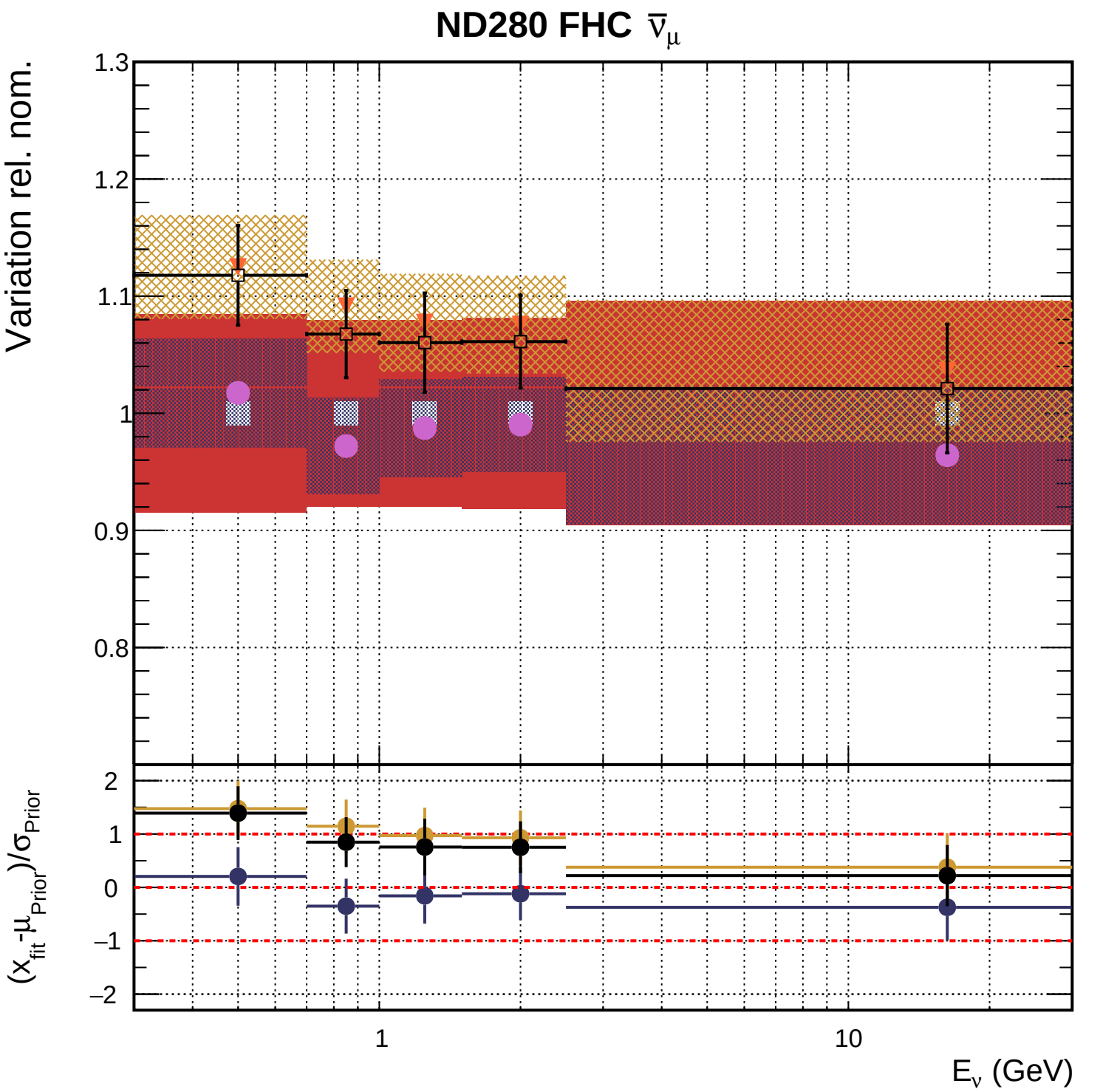
BeRPA fixed

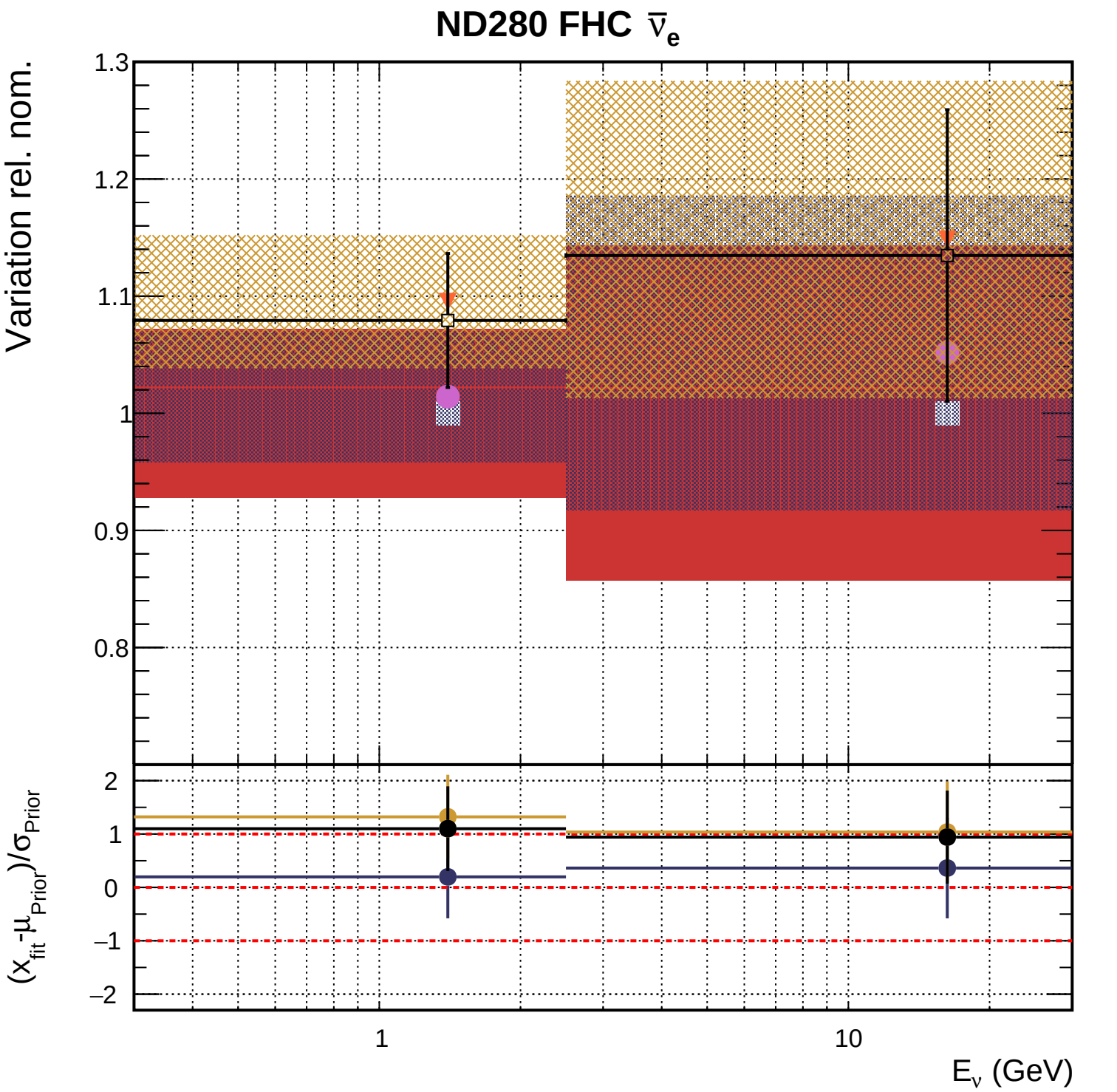


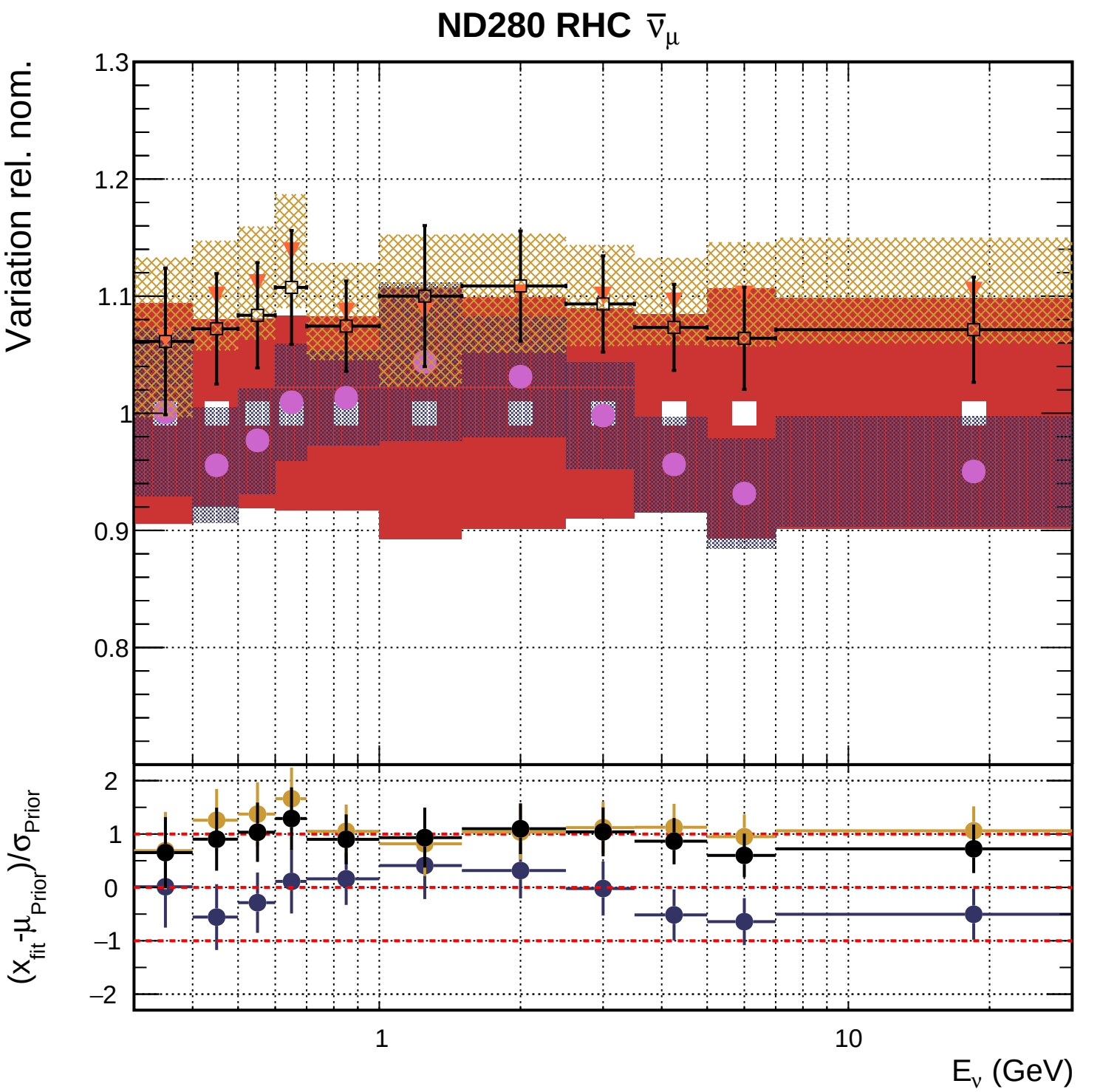
2015-like

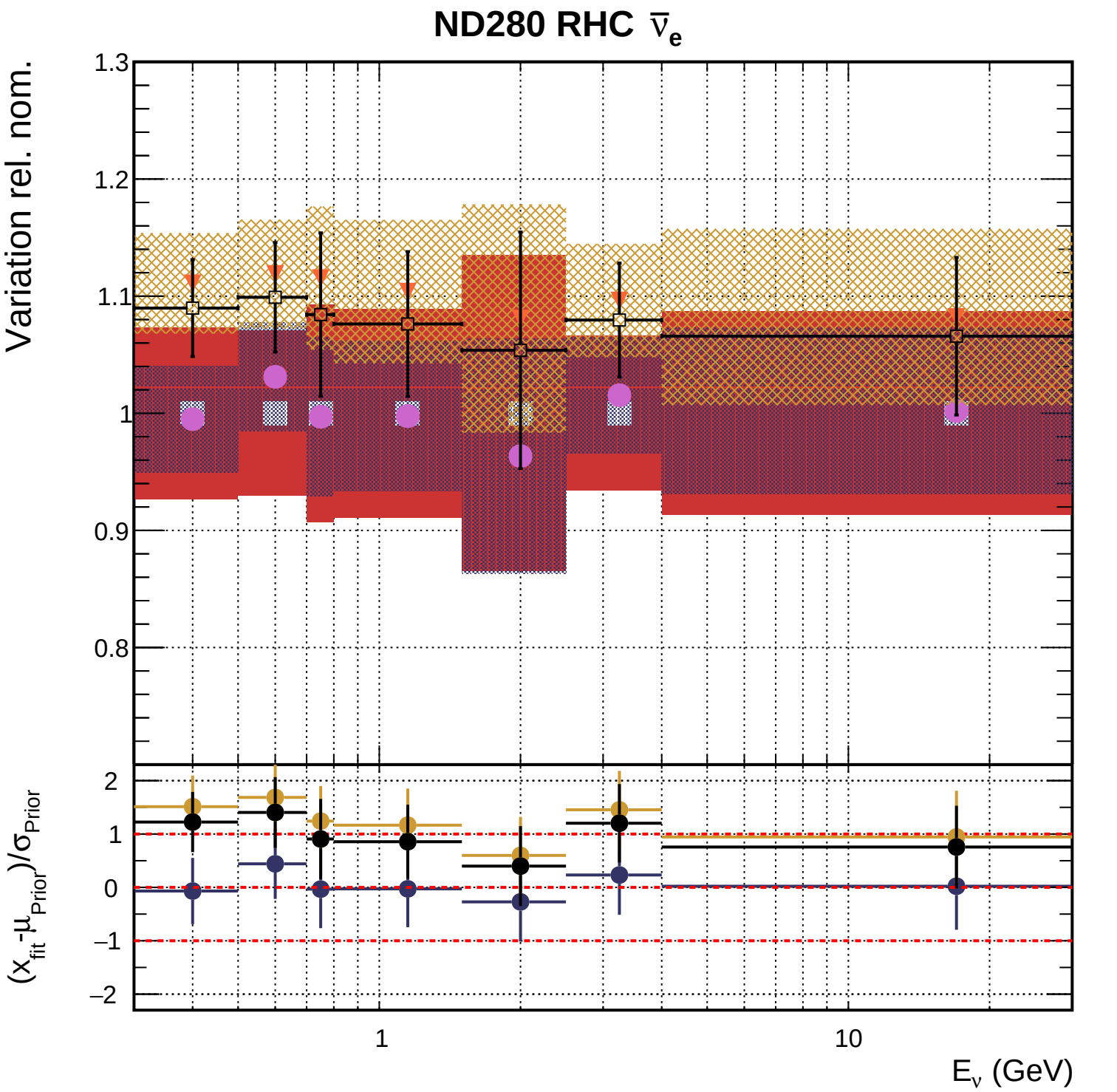

ND280 FHC ν_μ
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)

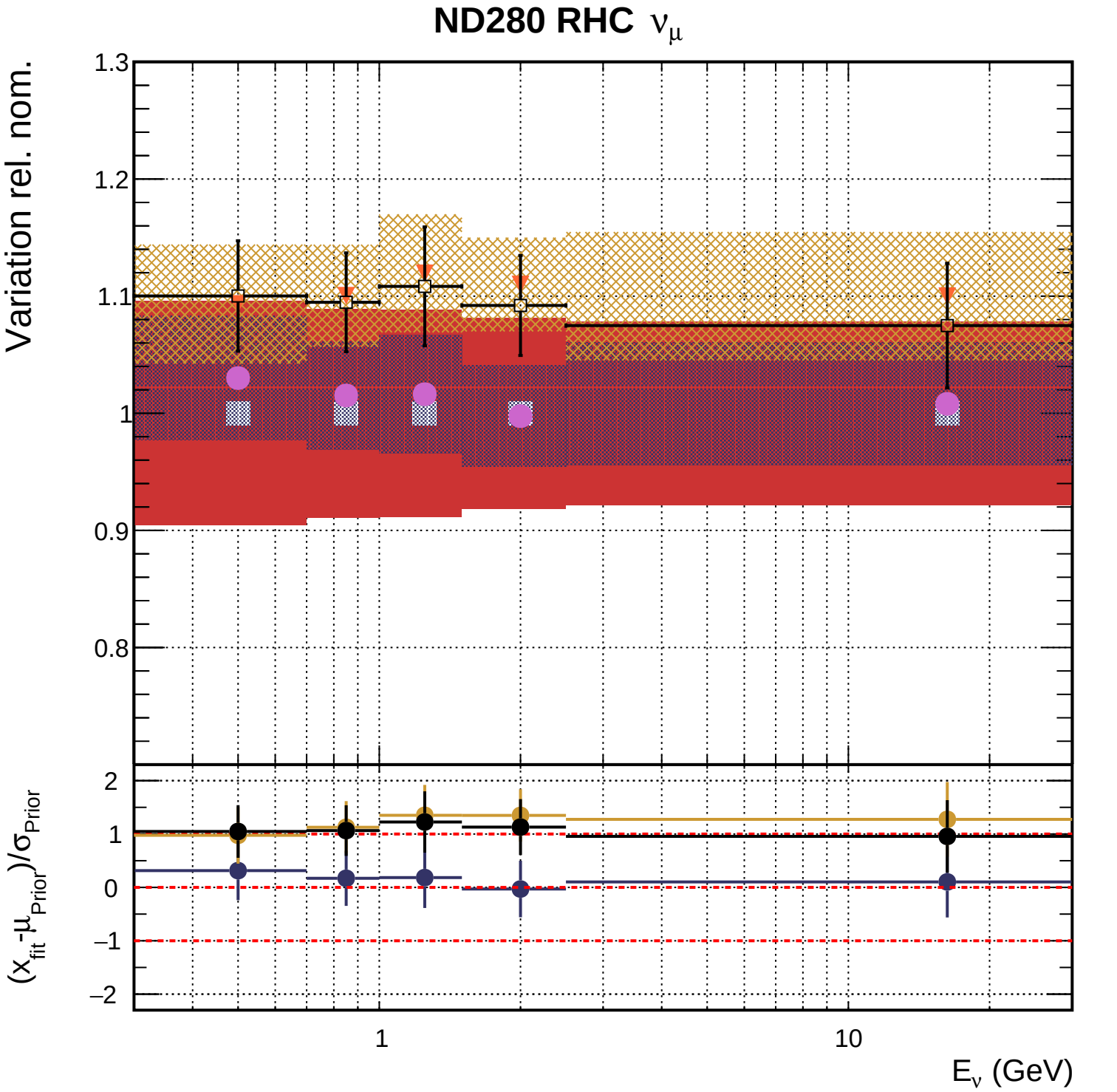

ND280 FHC ν_e
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)

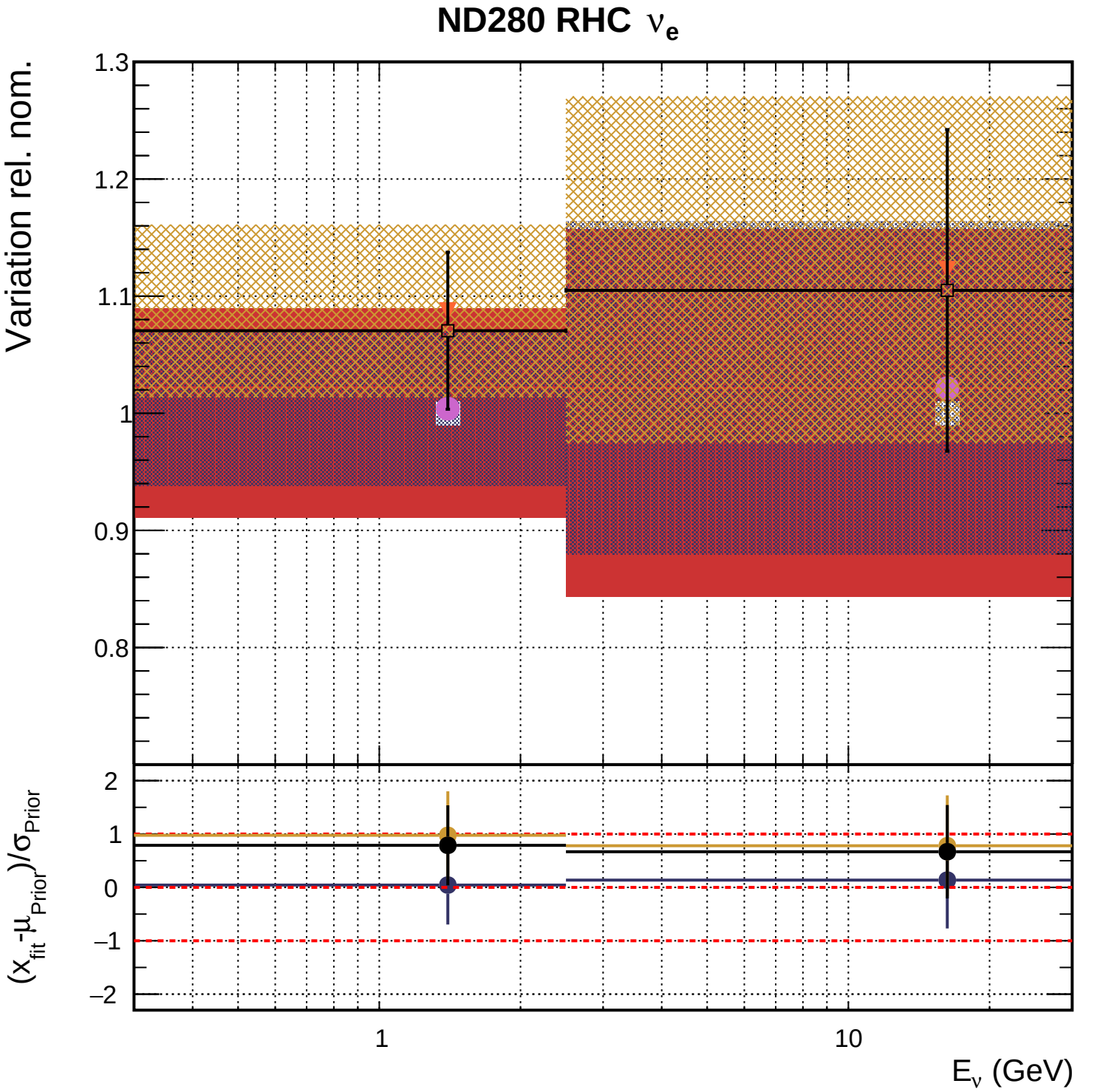

ND280 FHC $\bar{\nu}_\mu$
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
2
1
0
−1
−2
1
10
E_ν (GeV)

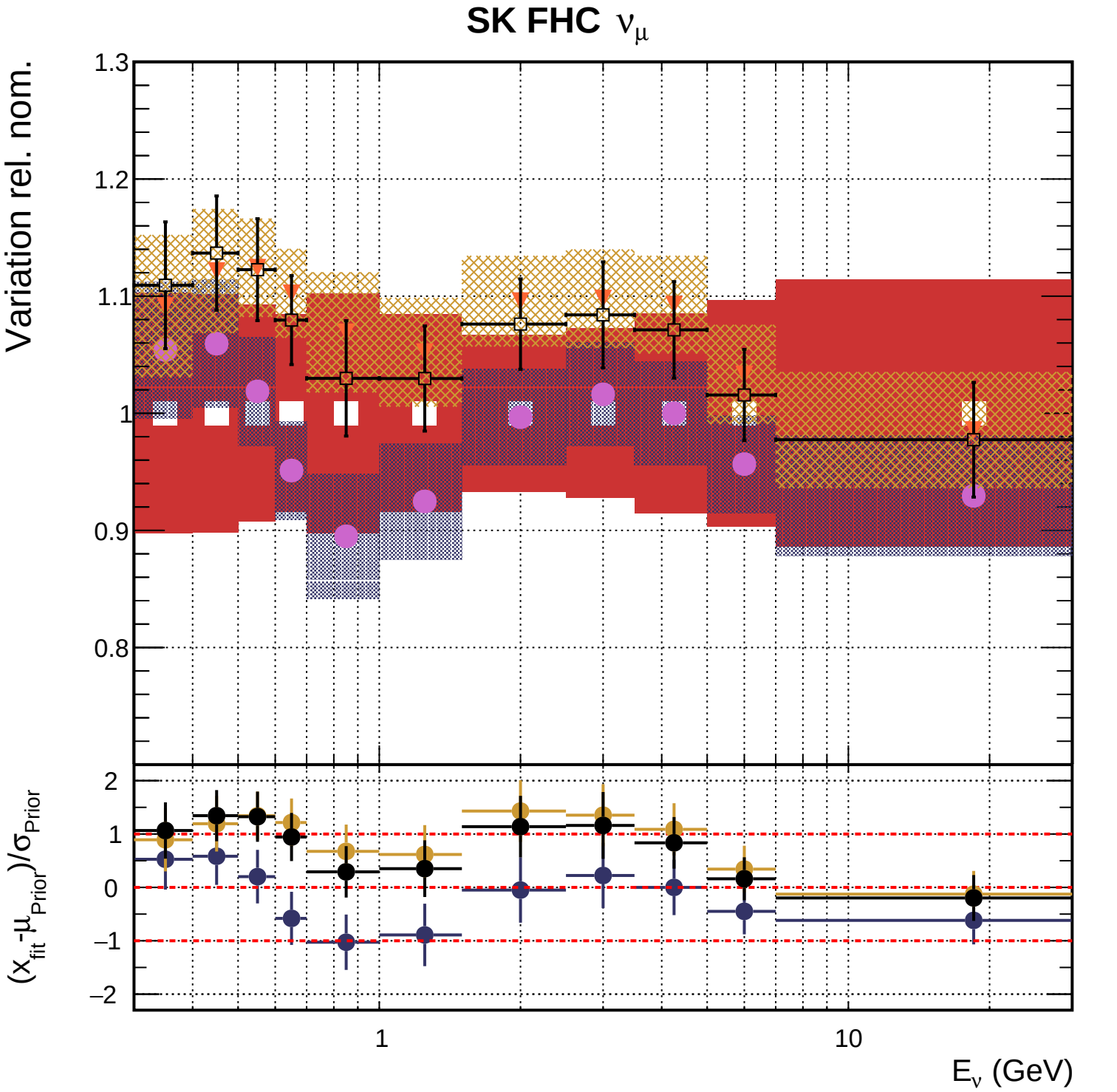

ND280 FHC $\bar{\nu}_e$
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
2
1
0
−1
−2
1
10
E_ν (GeV)

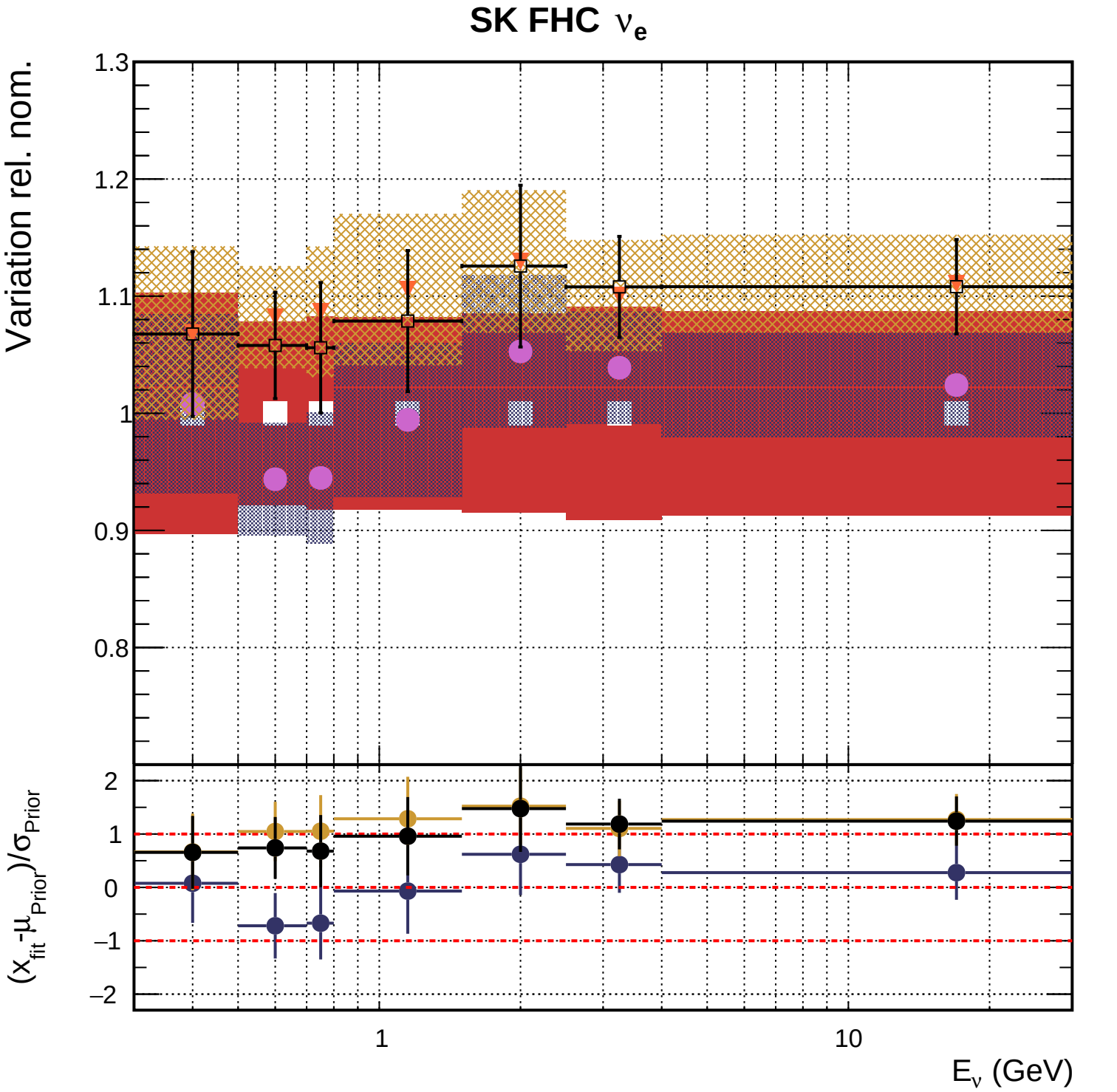

ND280 RHC $\bar{\nu}_\mu$
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)

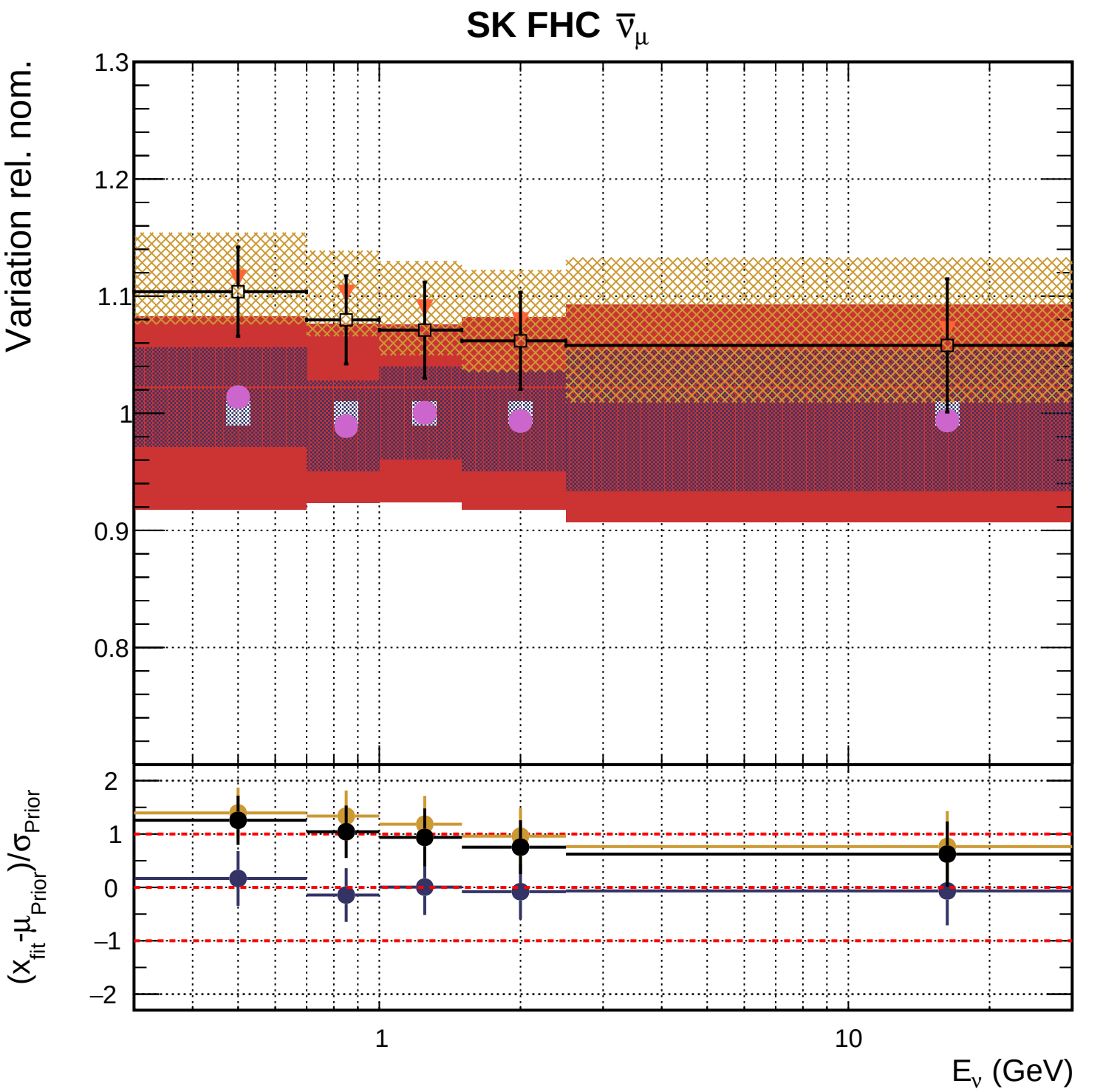

ND280 RHC $\bar{\nu}_e$
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
2
1
0
−1
−2
1
10
E_ν (GeV)

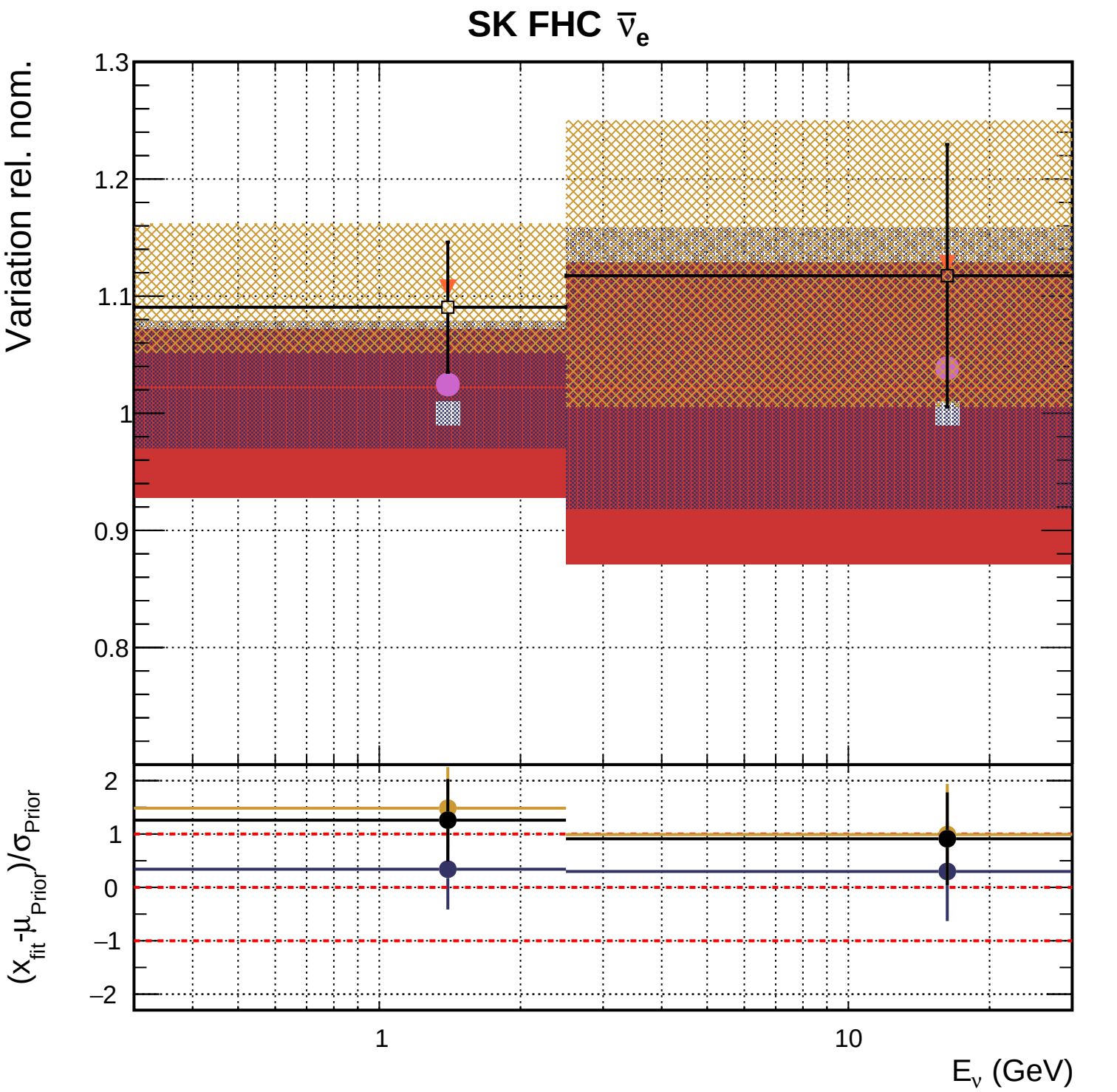

ND280 RHC ν_μ
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)

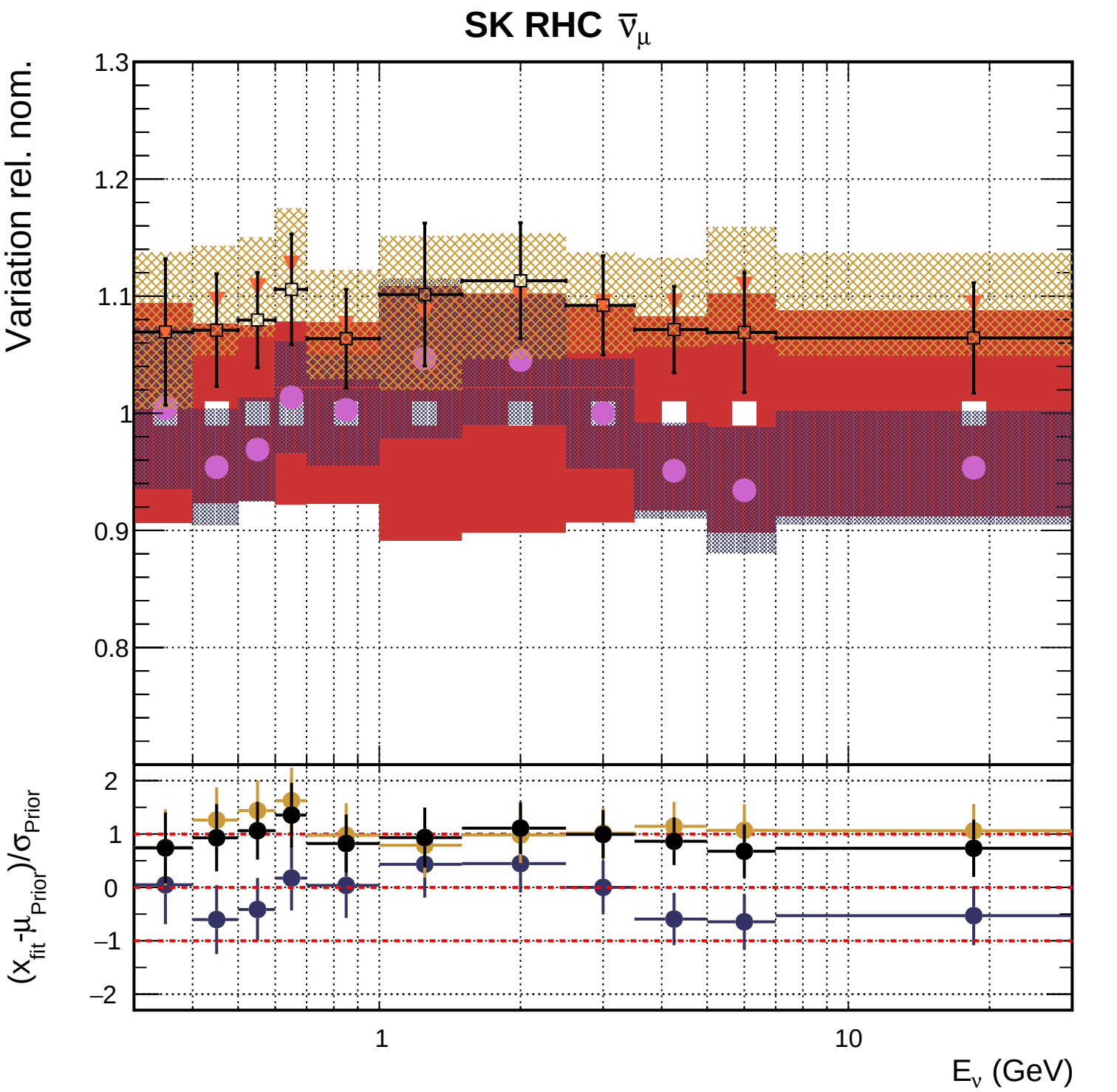

ND280 RHC ν_e
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)

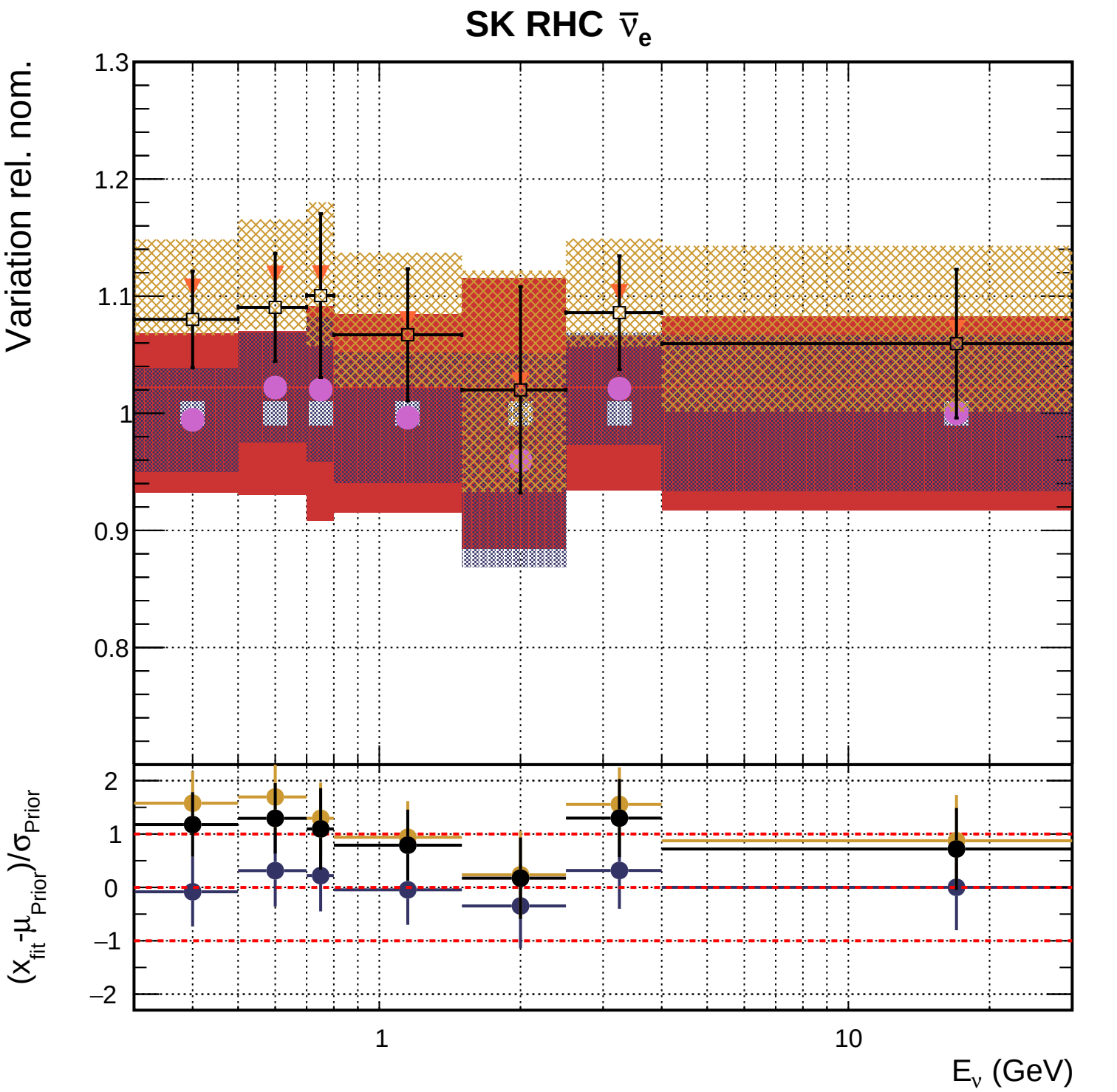

SK FHC ν_μ
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
2
1
0
−1
−2
1
10
E_ν (GeV)

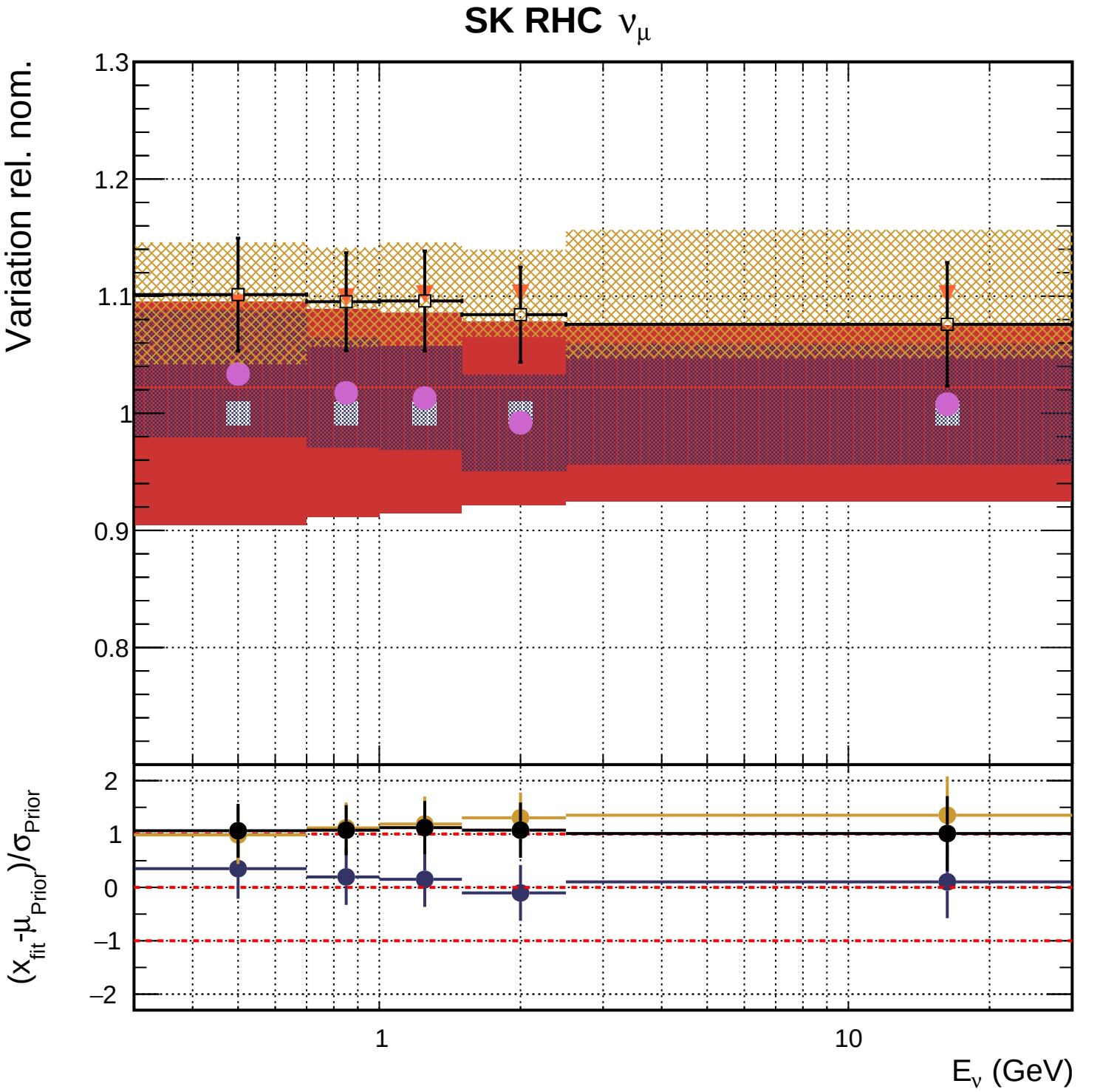

SK FHC ν_e
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)

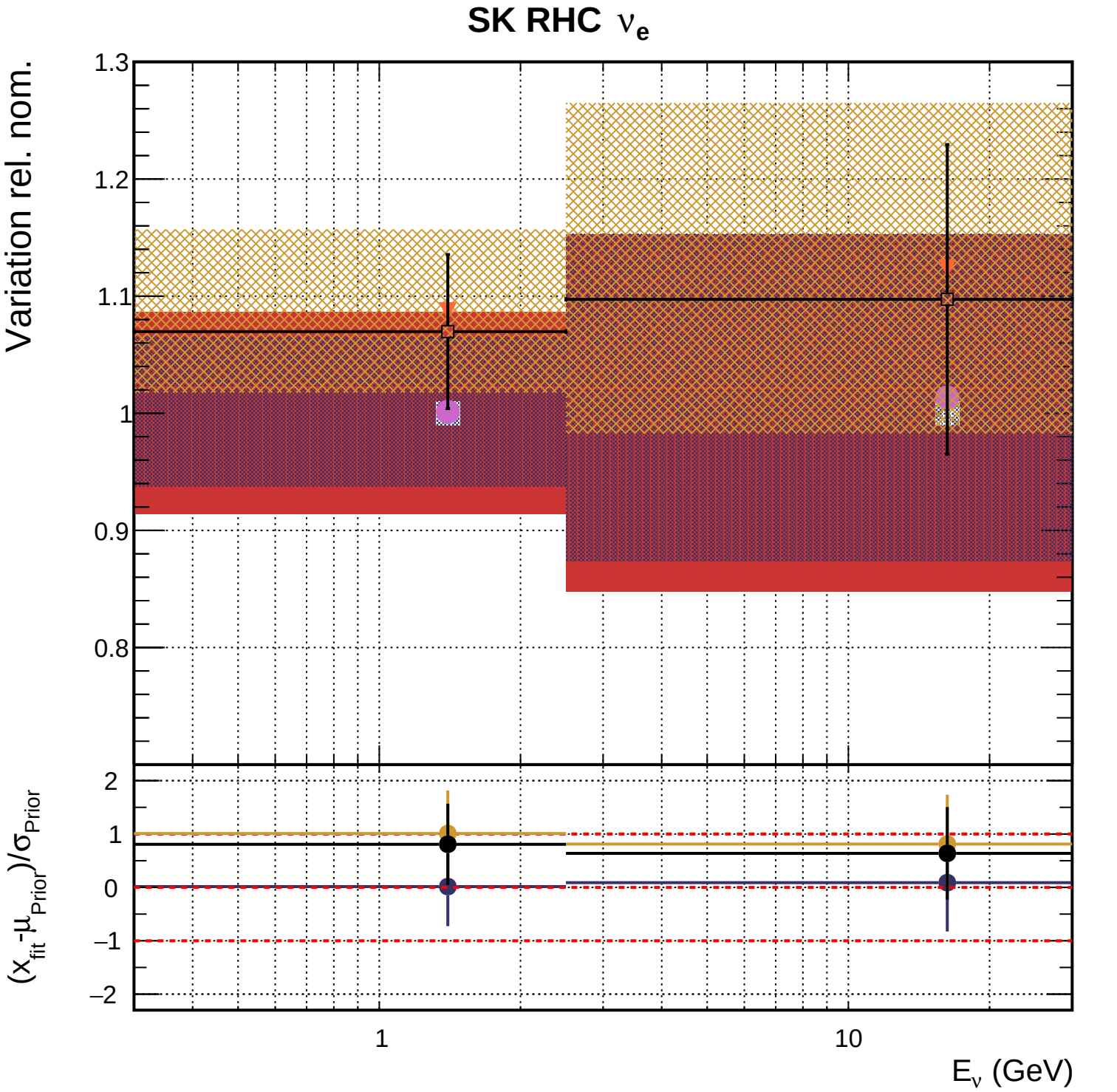

SK FHC $\bar{\nu}_\mu$
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)

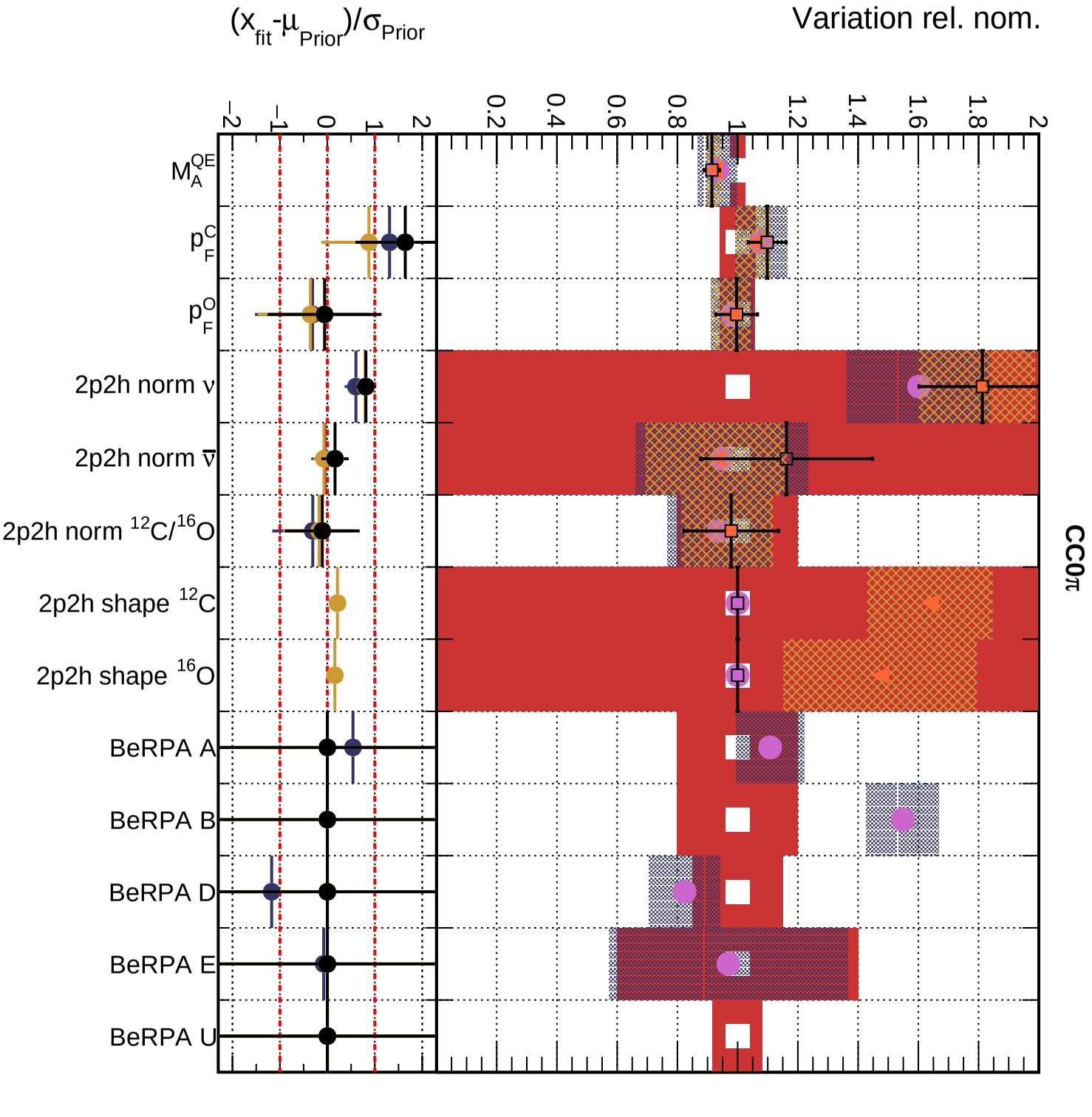

SK FHC $\bar{\nu}_e$
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)

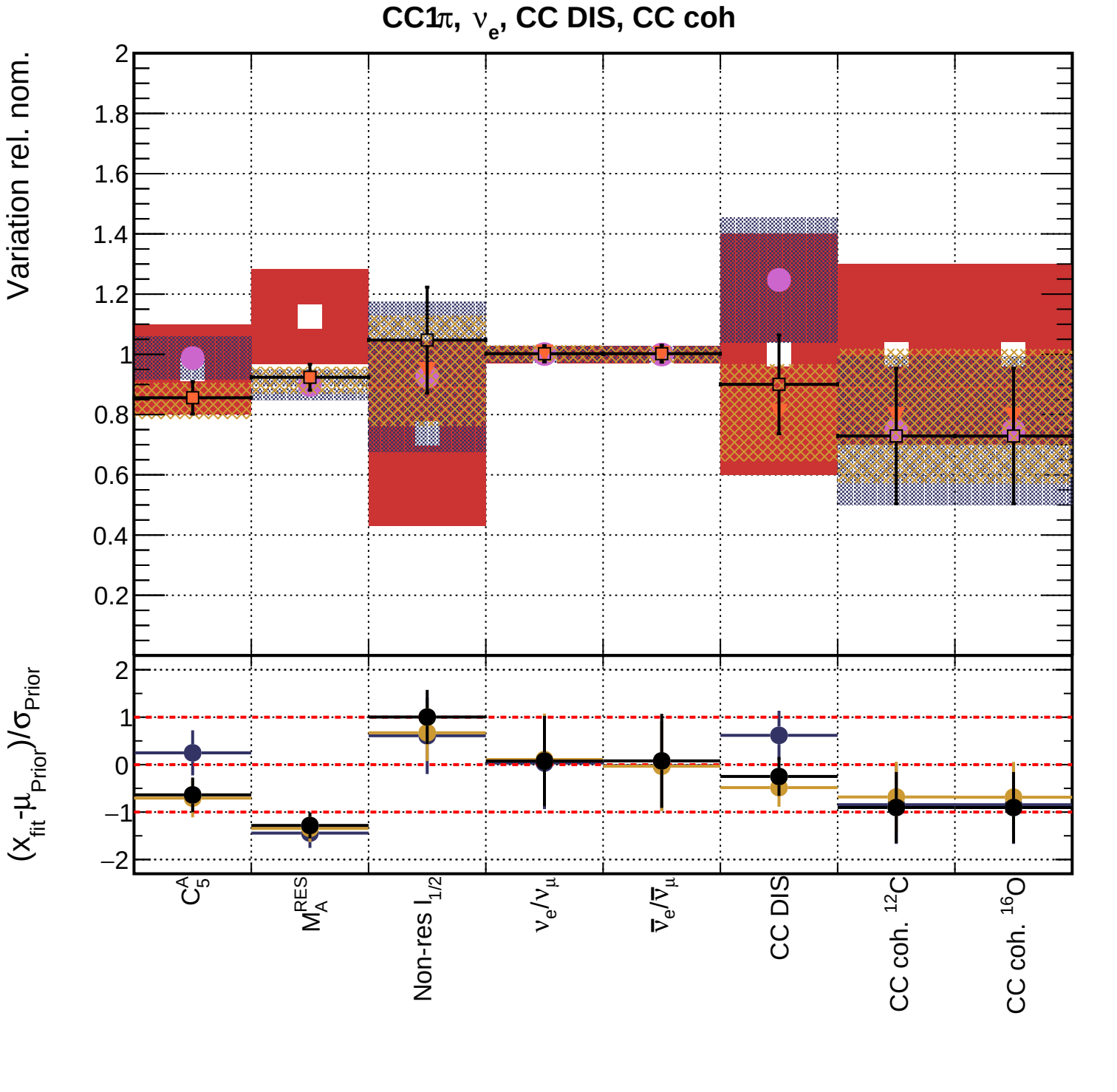

SK RHC $\bar{\nu}_\mu$
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)

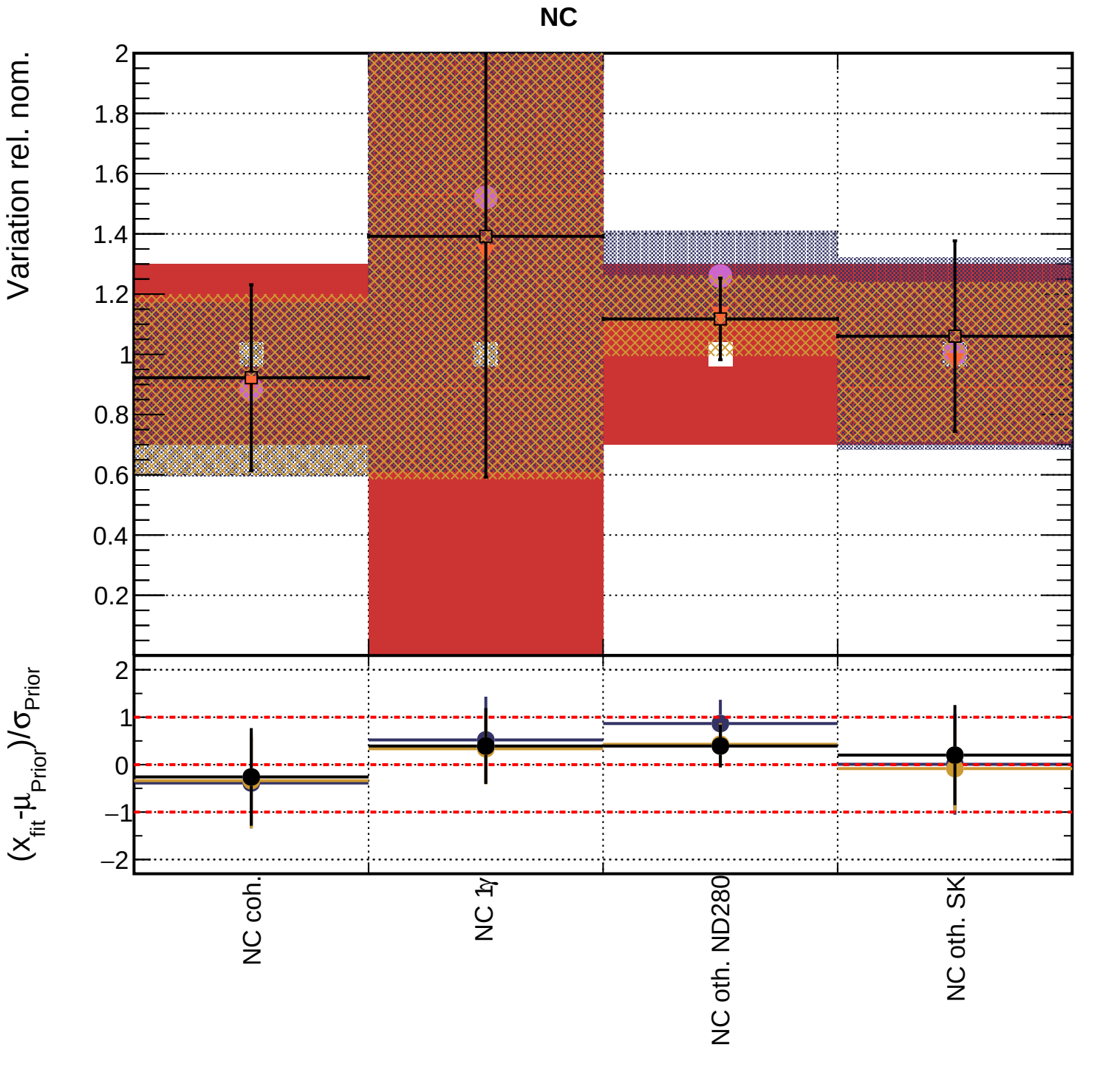

SK RHC $\bar{\nu}_e$
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
2
1
0
−1
−2
1
10
E_ν (GeV)

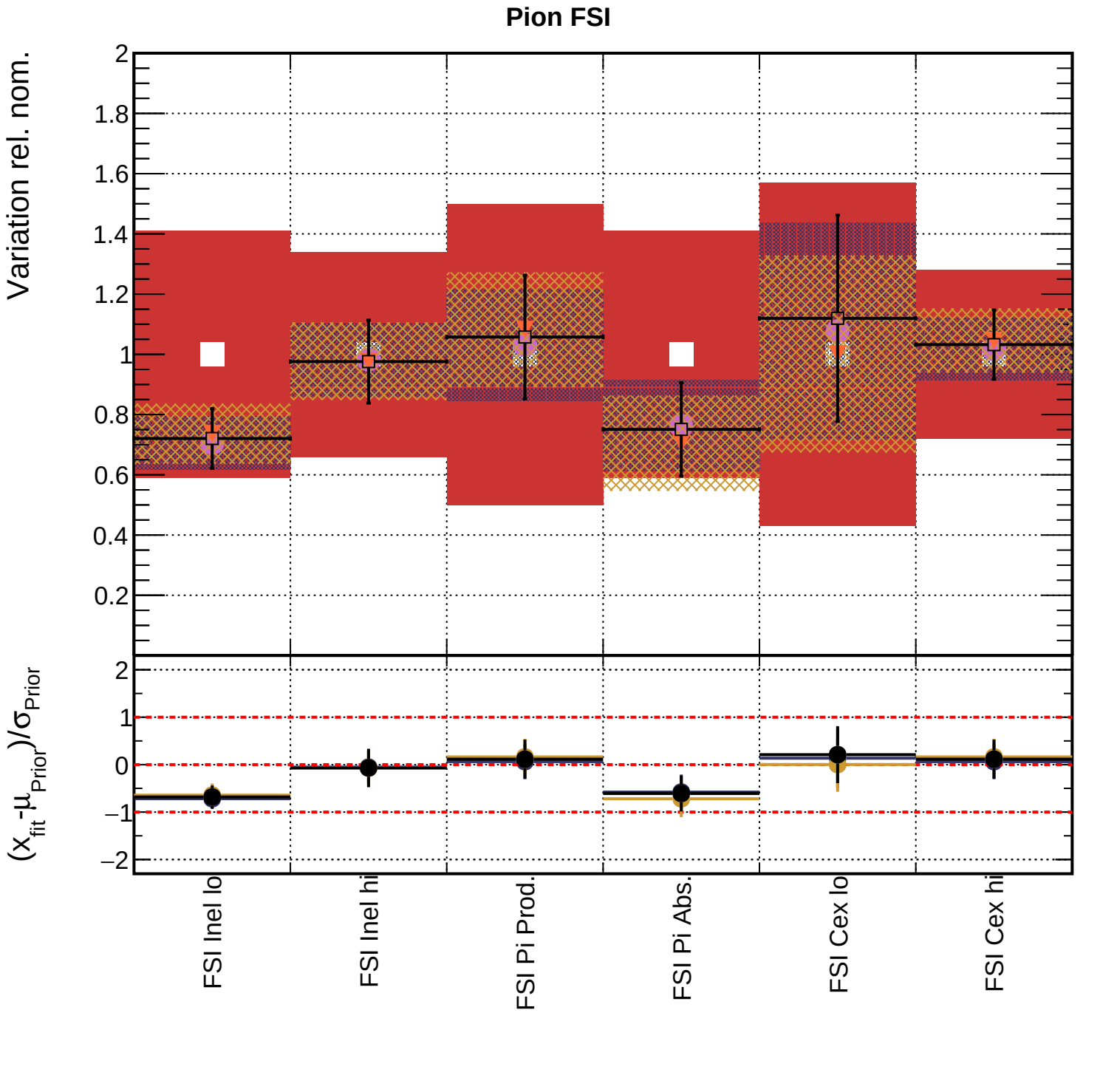

SK RHC ν_μ
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
2
1
0
−1
−2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
1
10
E_ν (GeV)


SK RHC ν_e
Variation rel. nom.
1.3
1.2
1.1
1
0.9
0.8
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
2
1
0
−1
−2
1
10
E_ν (GeV)


$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
Variation rel. nom.
M_A^{QE}
p_F^C
p_F^O
2p2h norm ν
2p2h norm $\bar{\nu}$
2p2h norm $^{12}C/^{16}O$
2p2h shape ^{12}C
2p2h shape ^{16}O
BeRPA A
BeRPA B
BeRPA D
BeRPA E
BeRPA U
−2
−1
0
1
2
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
CC0π


CC1π, ν_e, CC DIS, CC coh
Variation rel. nom.
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
C_5^A
M_A^{RES}
Non-res $I_{1/2}$
ν_e/ν_μ
$\bar{\nu}_e/\bar{\nu}_\mu$
CC DIS
CC coh. ^{12}C
CC coh. ^{16}O


NC
Variation rel. nom.
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
2
1
0
−1
−2
NC coh.
NC 1γ
NC oth. ND280
NC oth. SK


Pion FSI
Variation rel. nom.
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
$(x_{fit}-\mu_{Prior})/\sigma_{Prior}$
2
1
0
−1
−2
FSI Inel lo
FSI Inel hi
FSI Pi Prod.
FSI Pi Abs.
FSI Cex lo
FSI Cex hi