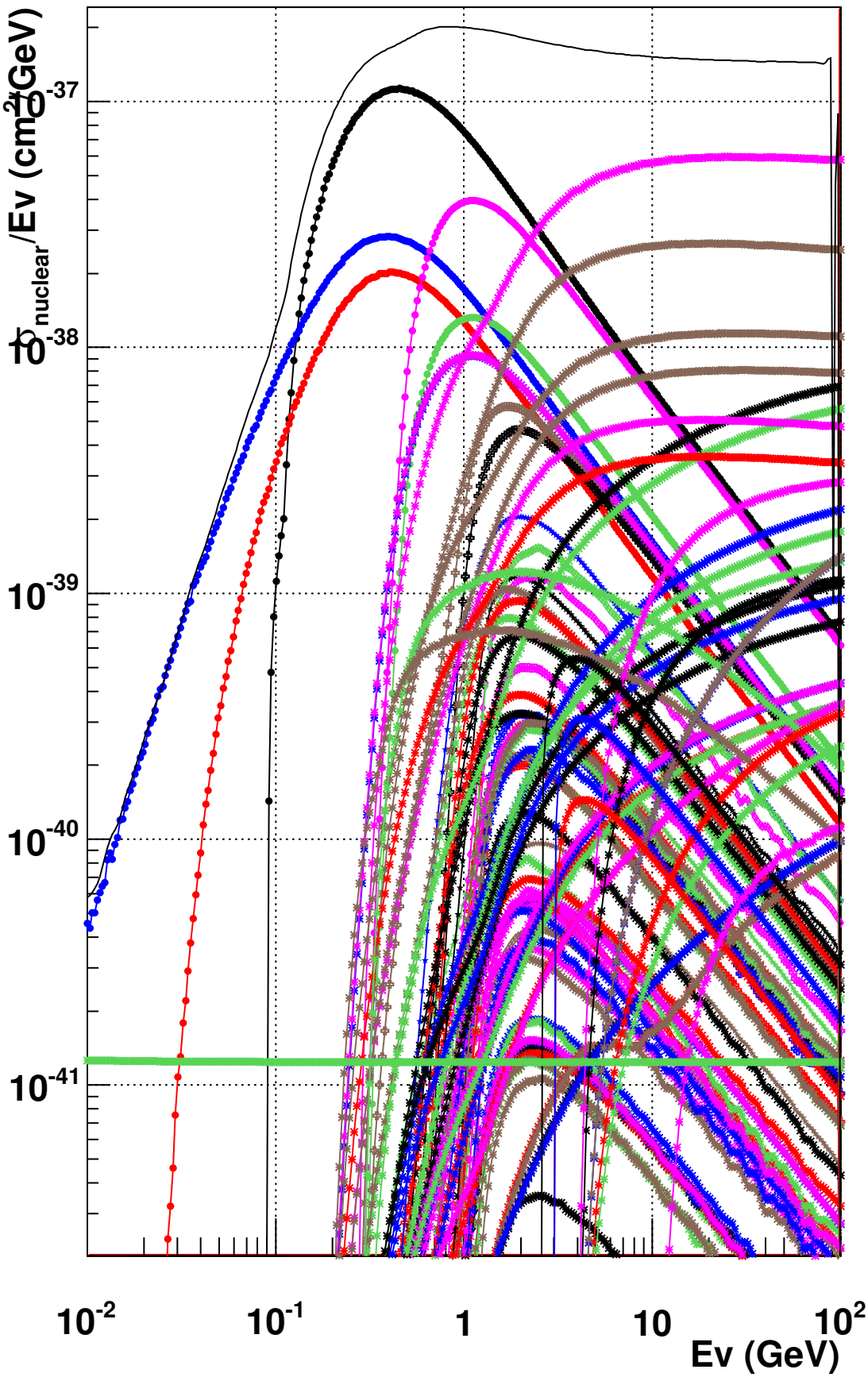
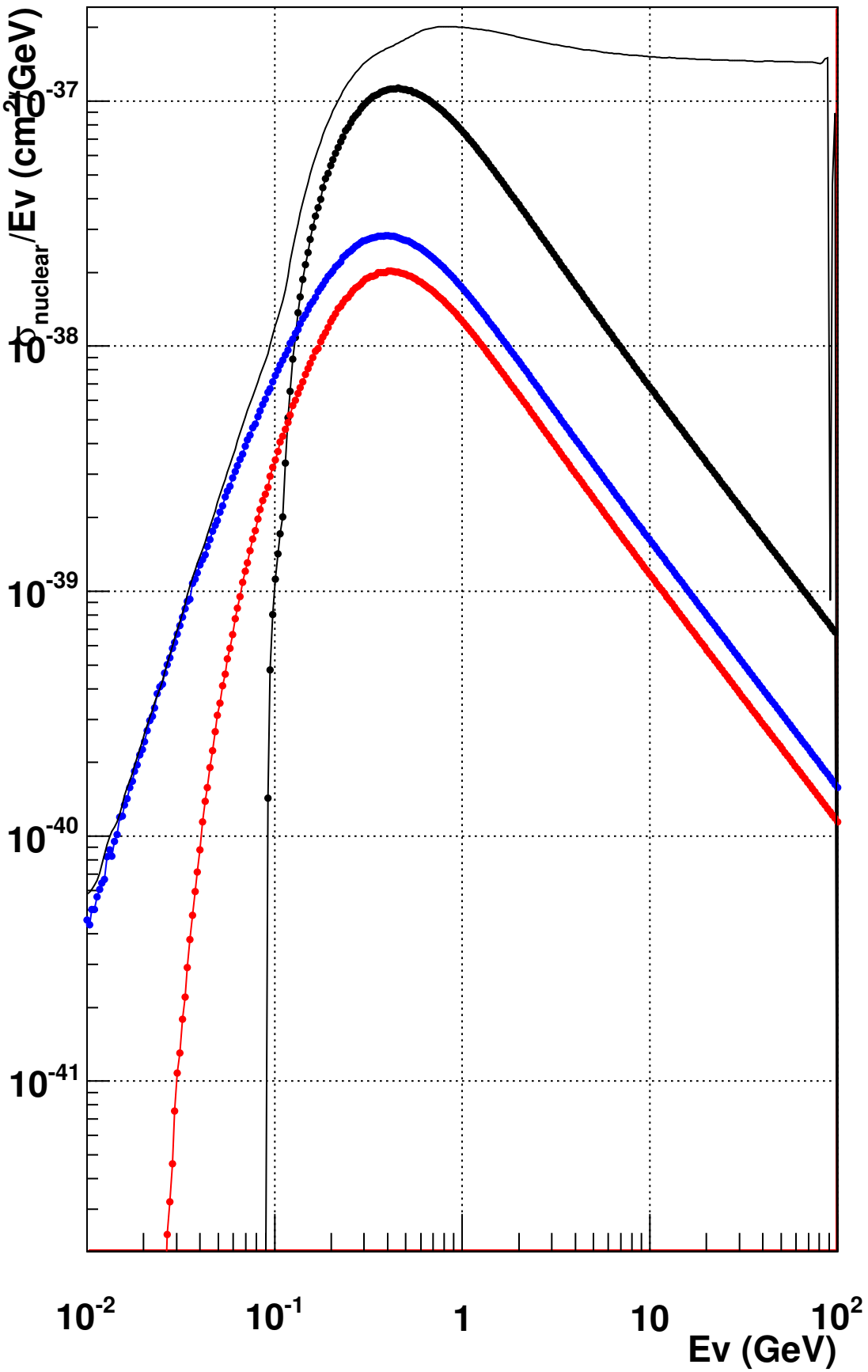

$\sigma_{nuclear}$/Ev (cm^2/GeV)
10^{-37}
10^{-38}
10^{-39}
10^{-40}
10^{-41}
10^{-2}
10^{-1}
1
10
10^{2}
Ev (GeV)


$\sigma_{nuclear}$/Ev (cm^2/GeV)
10^{-37}
10^{-38}
10^{-39}
10^{-40}
10^{-41}
10^{-2}
10^{-1}
1
10
10^{2}
Ev (GeV)

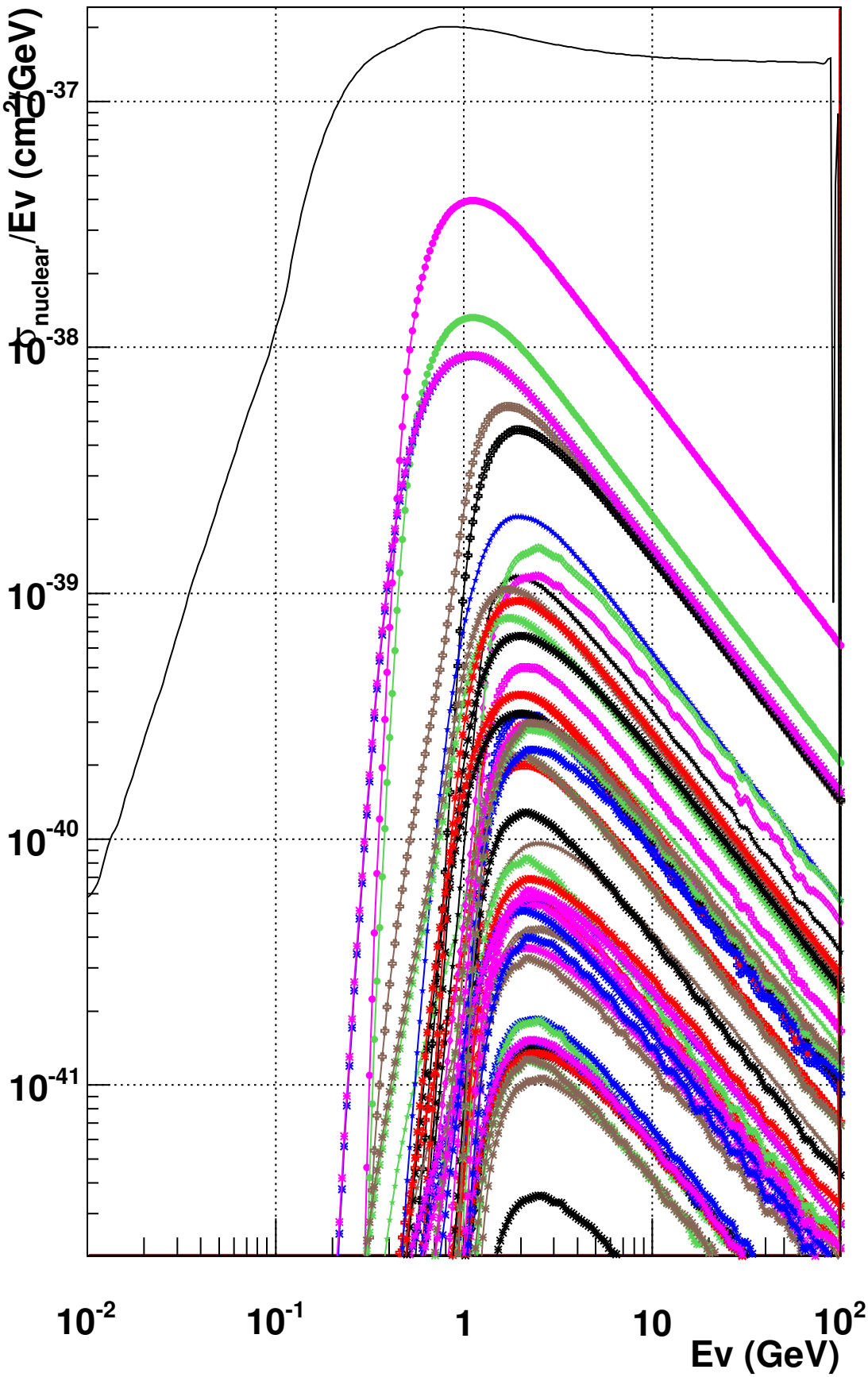
QEL Cross Sections

nu:14 tgt:1000080160 N:2112 proc:Weak[CC],QES

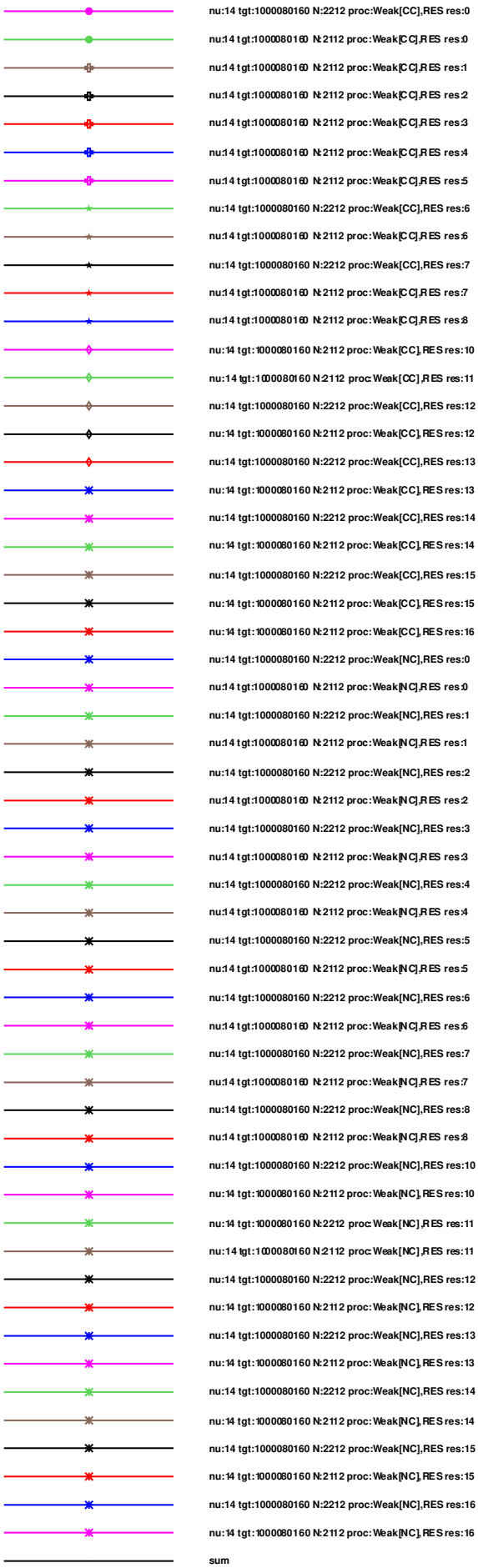
nu:14 tgt:1000080160 N:2212 proc:Weak[NC],QES

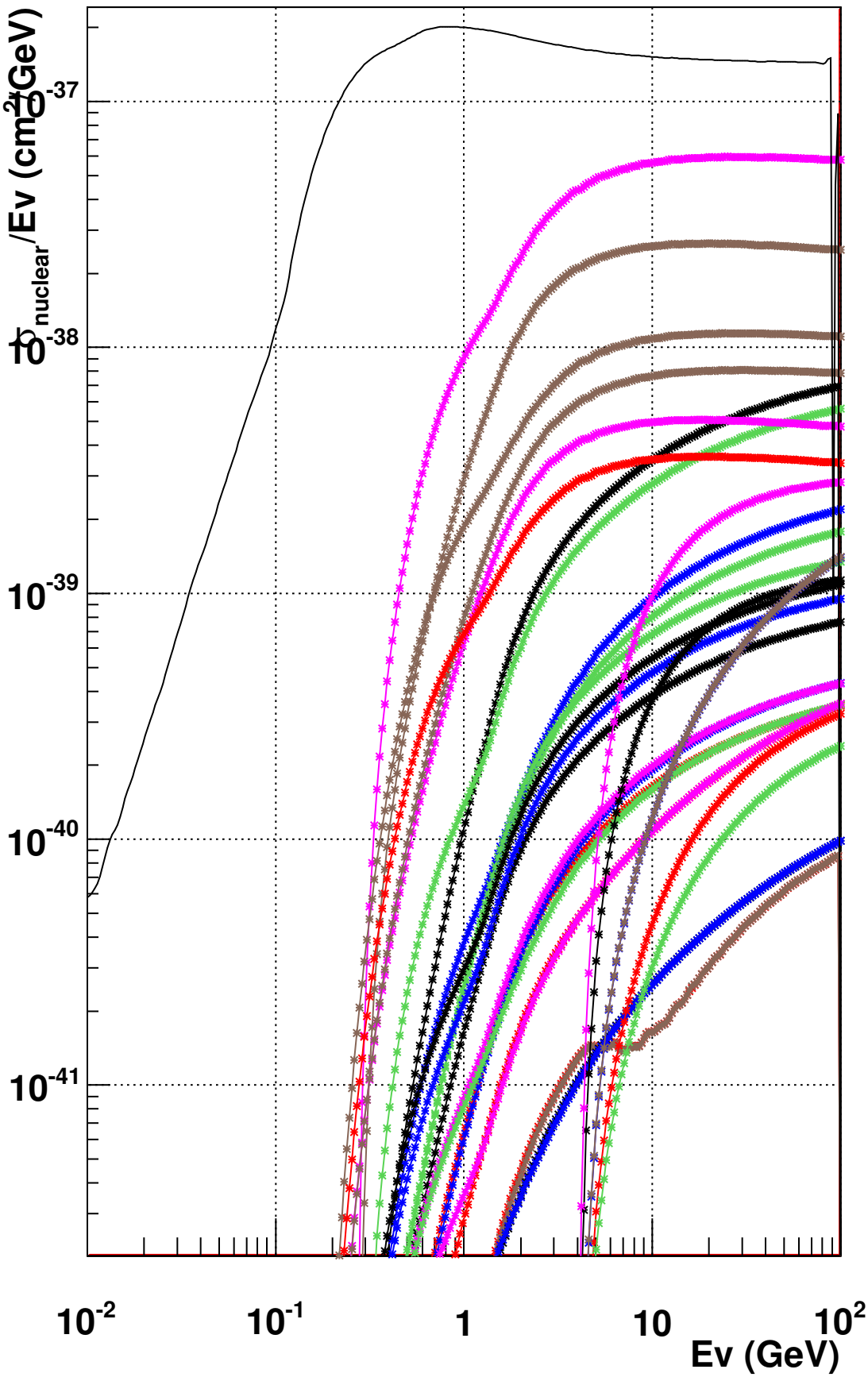
nu:14 tgt:1000080160 N:2112 proc:Weak[NC],QES

sum


$\sigma_{nuclear}$/Ev (cm^2/GeV)
10^{-37}
10^{-38}
10^{-39}
10^{-40}
10^{-41}
10^{-2}
10^{-1}
1
10
10^{2}
Ev (GeV)

RES Cross Sections




$\sigma_{nuclear}$/Ev (cm^2/GeV)
10^{-37}
10^{-38}
10^{-39}
10^{-40}
10^{-41}
10^{-2}
10^{-1}
1
10
10^{2}
Ev (GeV)

DIS Cross Sections

nu:14 tgt:1000080160 N:2212 q:-2(s) proc:Weak[CC],DIS

nu:14 tgt:1000080160 N:2212 q:1(v) proc:Weak[CC],DIS

nu:14 tgt:1000080160 N:2212 q:1(s) proc:Weak[CC],DIS

nu:14 tgt:1000080160 N:2212 q:3(s) proc:Weak[CC],DIS

nu:14 tgt:1000080160 N:2112 q:-2(s) proc:Weak[CC],DIS

nu:14 tgt:1000080160 N:2112 q:1(v) proc:Weak[CC],DIS

nu:14 tgt:1000080160 N:2112 q:1(s) proc:Weak[CC],DIS

nu:14 tgt:1000080160 N:2112 q:3(s) proc:Weak[CC],DIS

nu:14 tgt:1000080160 N:2212 q:-3(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2212 q:-2(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2212 q:-1(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2212 q:1(v) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2212 q:1(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2212 q:2(v) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2212 q:2(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2212 q:3(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2112 q:-3(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2112 q:-2(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2112 q:-1(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2112 q:1(v) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2112 q:1(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2112 q:2(v) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2112 q:2(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2112 q:3(s) proc:Weak[NC],DIS

nu:14 tgt:1000080160 N:2212 q:1(v) proc:Weak[CC],DIS charm:incl

nu:14 tgt:1000080160 N:2212 q:1(s) proc:Weak[CC],DIS charm:incl

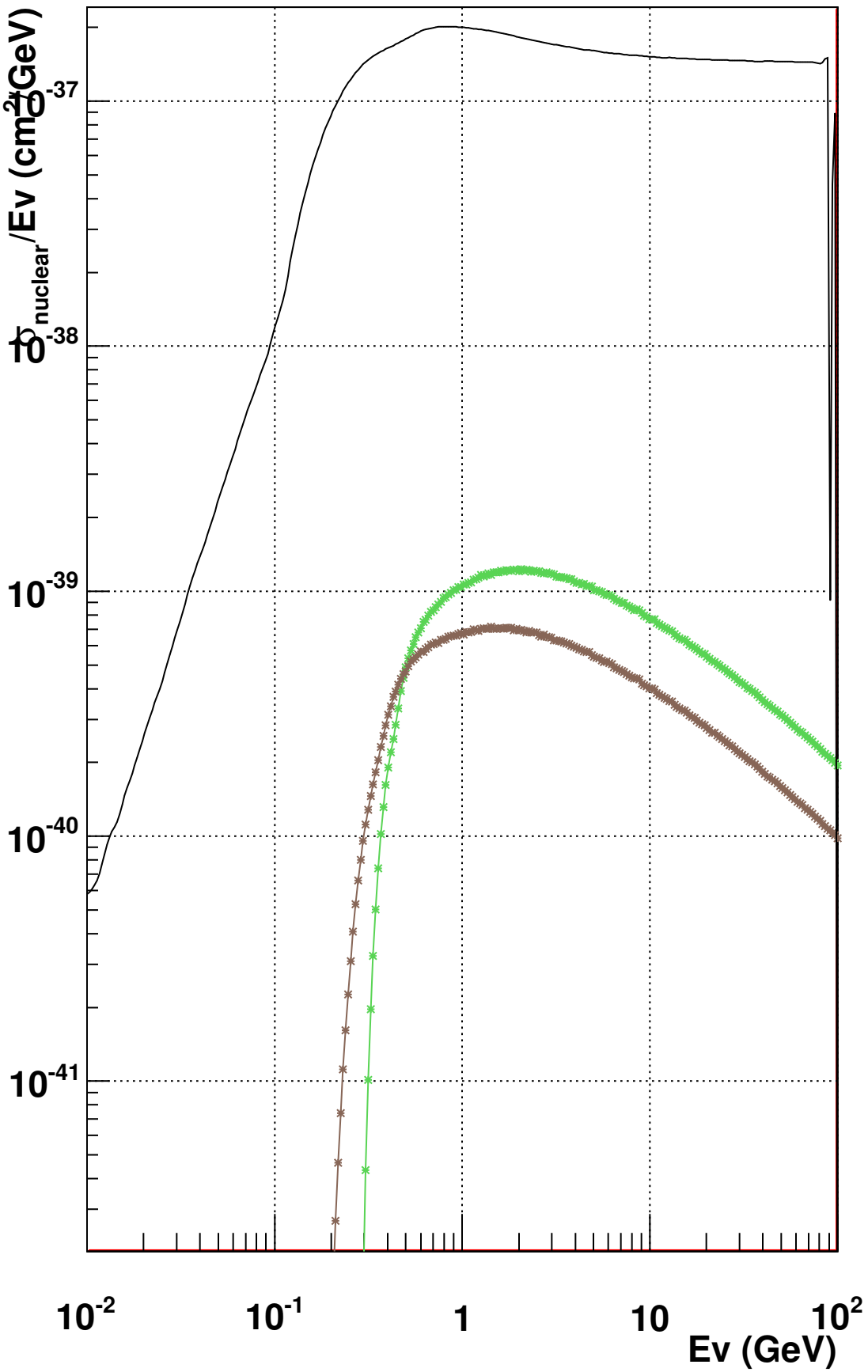
nu:14 tgt:1000080160 N:2212 q:3(s) proc:Weak[CC],DIS charm:incl

nu:14 tgt:1000080160 N:2112 q:1(v) proc:Weak[CC],DIS charm:incl

nu:14 tgt:1000080160 N:2112 q:1(s) proc:Weak[CC],DIS charm:incl

nu:14 tgt:1000080160 N:2112 q:3(s) proc:Weak[CC],DIS charm:incl

sum

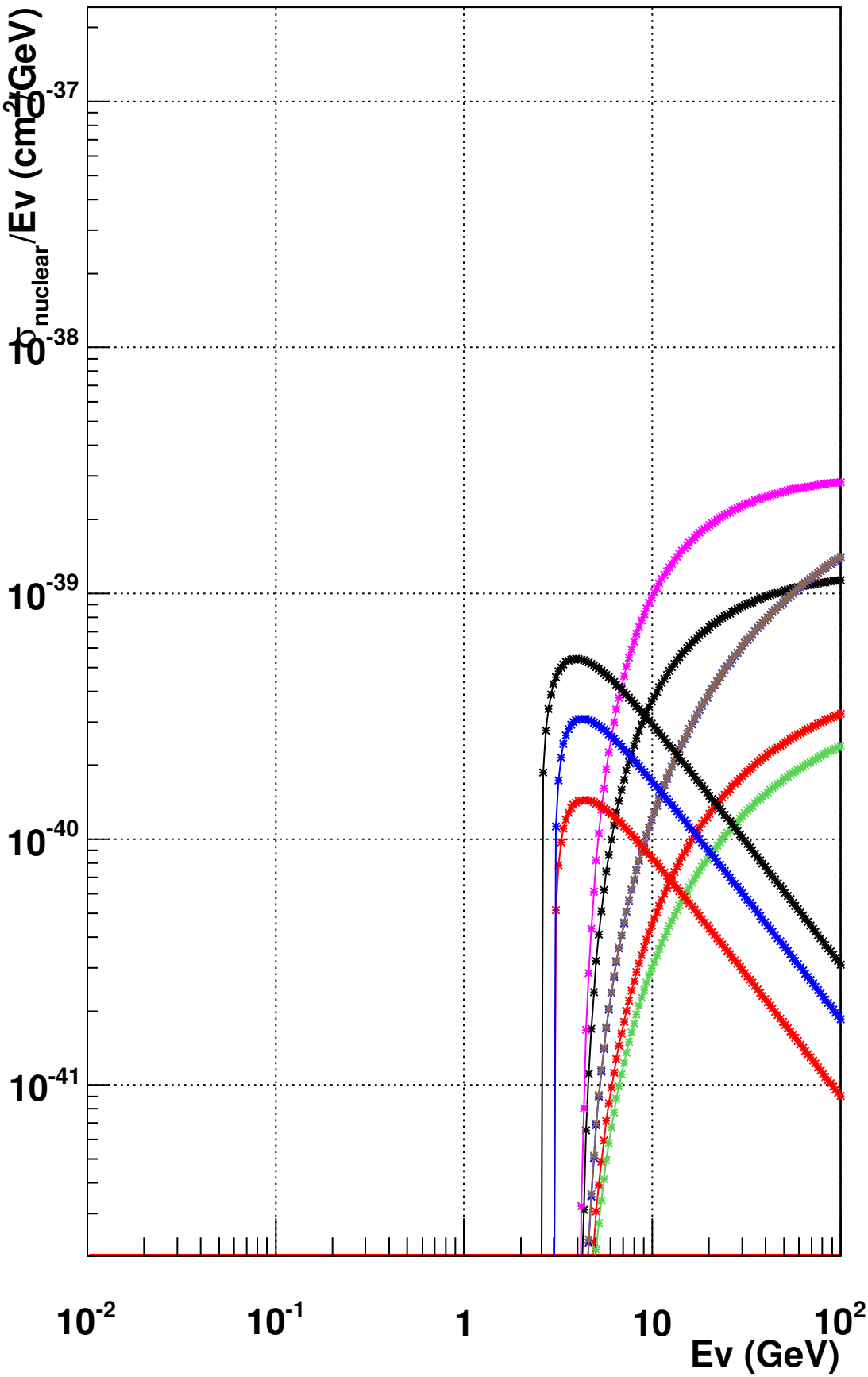

$\sigma_{nuclear}$/Ev (cm^2/GeV)
10^{-37}
10^{-38}
10^{-39}
10^{-40}
10^{-41}
10^{-2}
10^{-1}
1
10
10^{2}
Ev (GeV)

COH Cross Sections

nu:14 tgt:1000080160 proc:Weak[CC],COH hmult:(p=0,n=0,pi+=1,pi-=0,pi0=0)

nu:14 tgt:1000080160 proc:Weak[NC],COH hmult:(p=0,n=0,pi+=0,pi-=0,pi0=1)

sum


$\sigma_{nuclear}$/Ev (cm^2/GeV)
10^{-37}
10^{-38}
10^{-39}
10^{-40}
10^{-41}
10^{-2}
10^{-1}
1
10
10^{2}
Ev (GeV)

Charm Prod. Cross Sections

nu:14 tgt:1000080160 proc:Weak[CC],COH hmult:(p=0,n=0,pi+=1,pi-=0,pi0=0)

nu:14 tgt:1000080160 proc:Weak[NC],COH hmult:(p=0,n=0,pi+=0,pi-=0,pi0=1)

sum

nu:14 tgt:1000080160 N:2212 q:1(v) proc:Weak[CC],DIS charm:incl

nu:14 tgt:1000080160 N:2212 q:1(s) proc:Weak[CC],DIS charm:incl

nu:14 tgt:1000080160 N:2212 q:3(s) proc:Weak[CC],DIS charm:incl

nu:14 tgt:1000080160 N:2112 q:1(v) proc:Weak[CC],DIS charm:incl

nu:14 tgt:1000080160 N:2112 q:1(s) proc:Weak[CC],DIS charm:incl

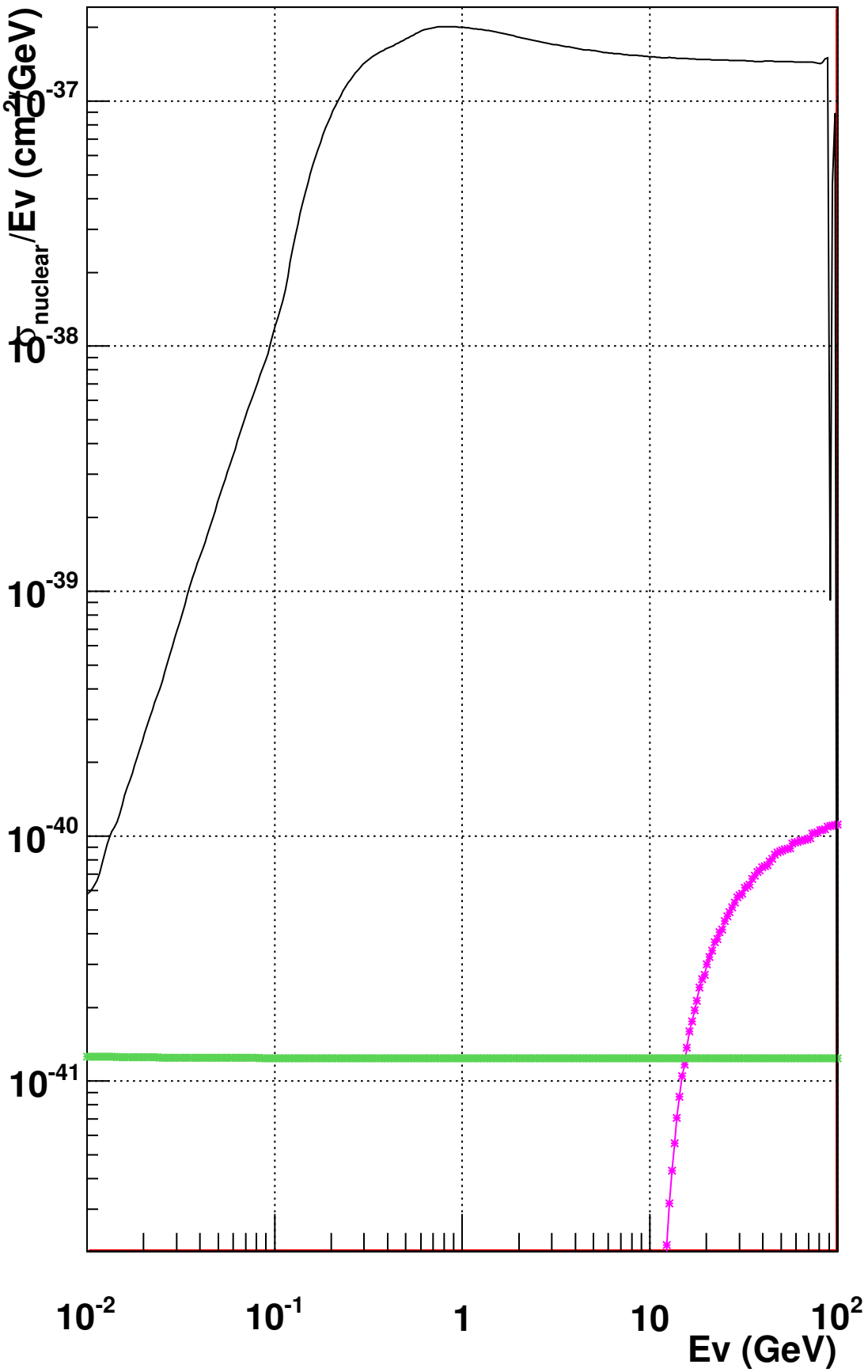
nu:14 tgt:1000080160 N:2112 q:3(s) proc:Weak[CC],DIS charm:incl

nu:14 tgt:1000080160 N:2112 proc:Weak[CC],QES charm:4122

nu:14 tgt:1000080160 N:2112 proc:Weak[CC],QES charm:4212

nu:14 tgt:1000080160 N:2212 proc:Weak[CC],QES charm:4222

sum


$\sigma_{nuclear}/Ev\ (cm^2/GeV)$
10^{-37}
10^{-38}
10^{-39}
10^{-40}
10^{-41}
10^{-2}
10^{-1}
1
10
10^{2}
Ev (GeV)

IMD and ve Elastic Cross Sections

nu:14 tgt:1000080160 proc:Weak[CC],IMD

nu:14 tgt:1000080160 proc:Weak[NC],NuEEL

sum