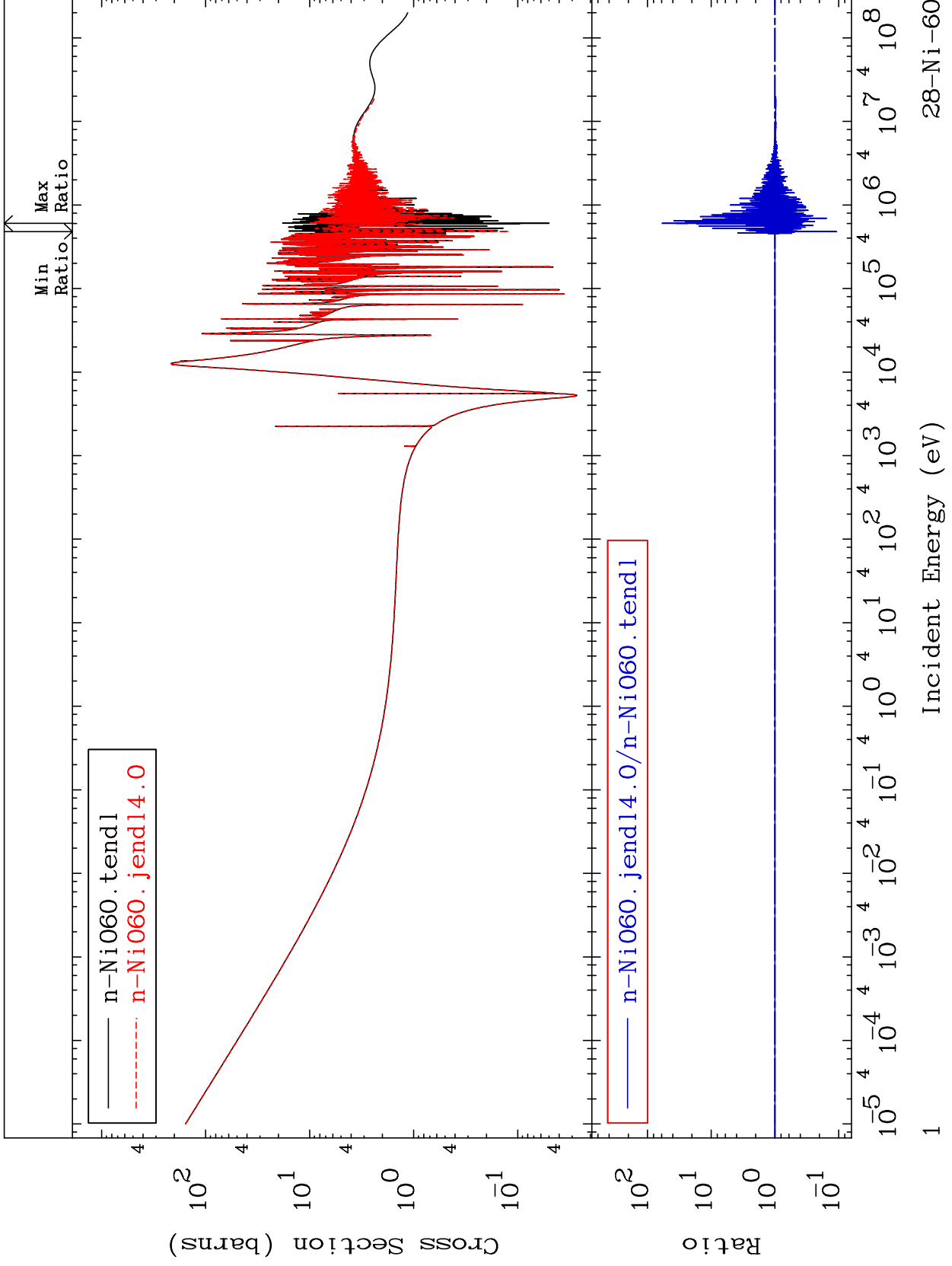


MAT 2831

Total
Cross Section

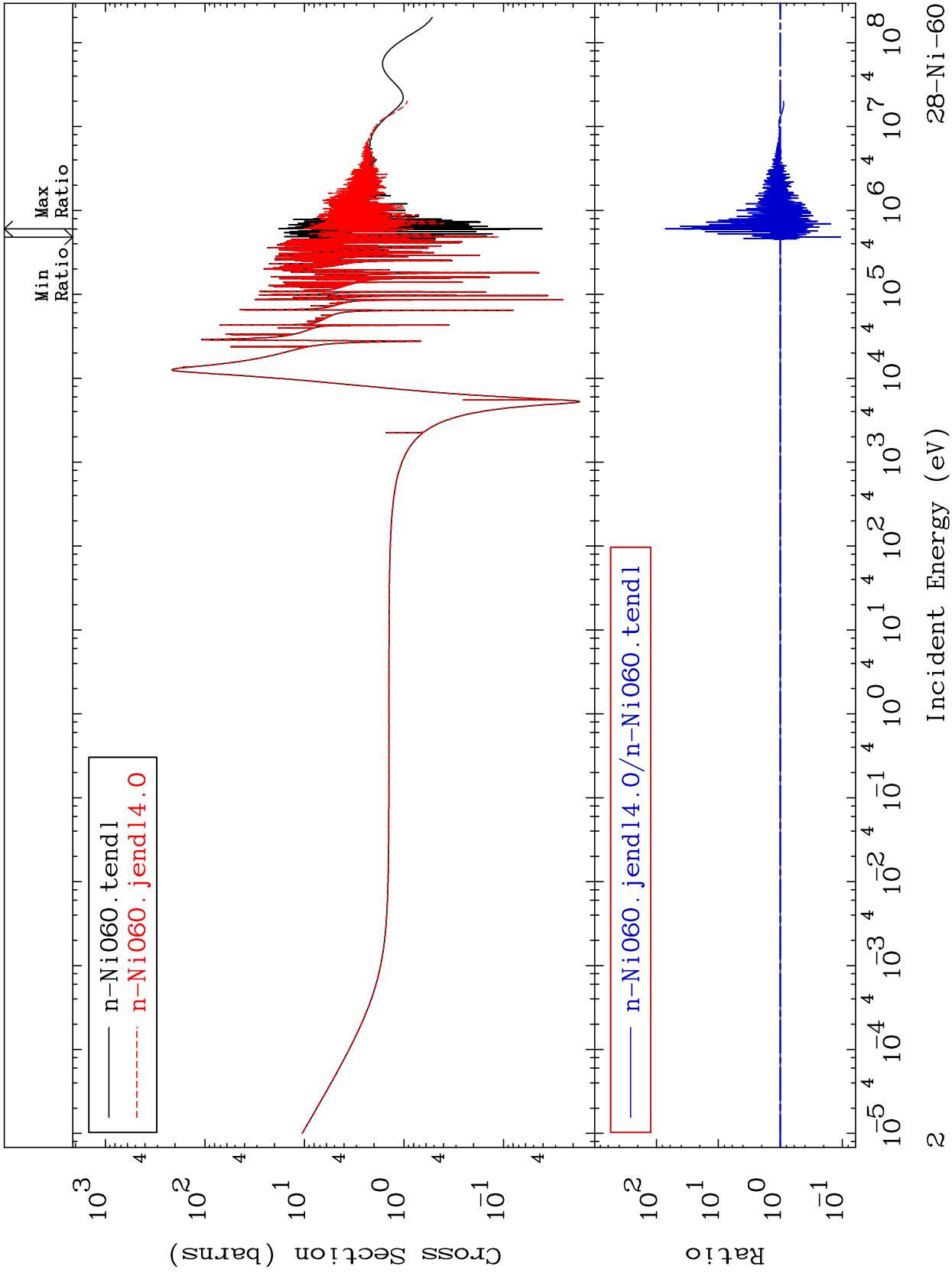
28-Ni-60
-89.27 To 5745. %



MAT 2831

Elastic
Cross Section

28-Ni-60
-89.37 To 7033. %



2

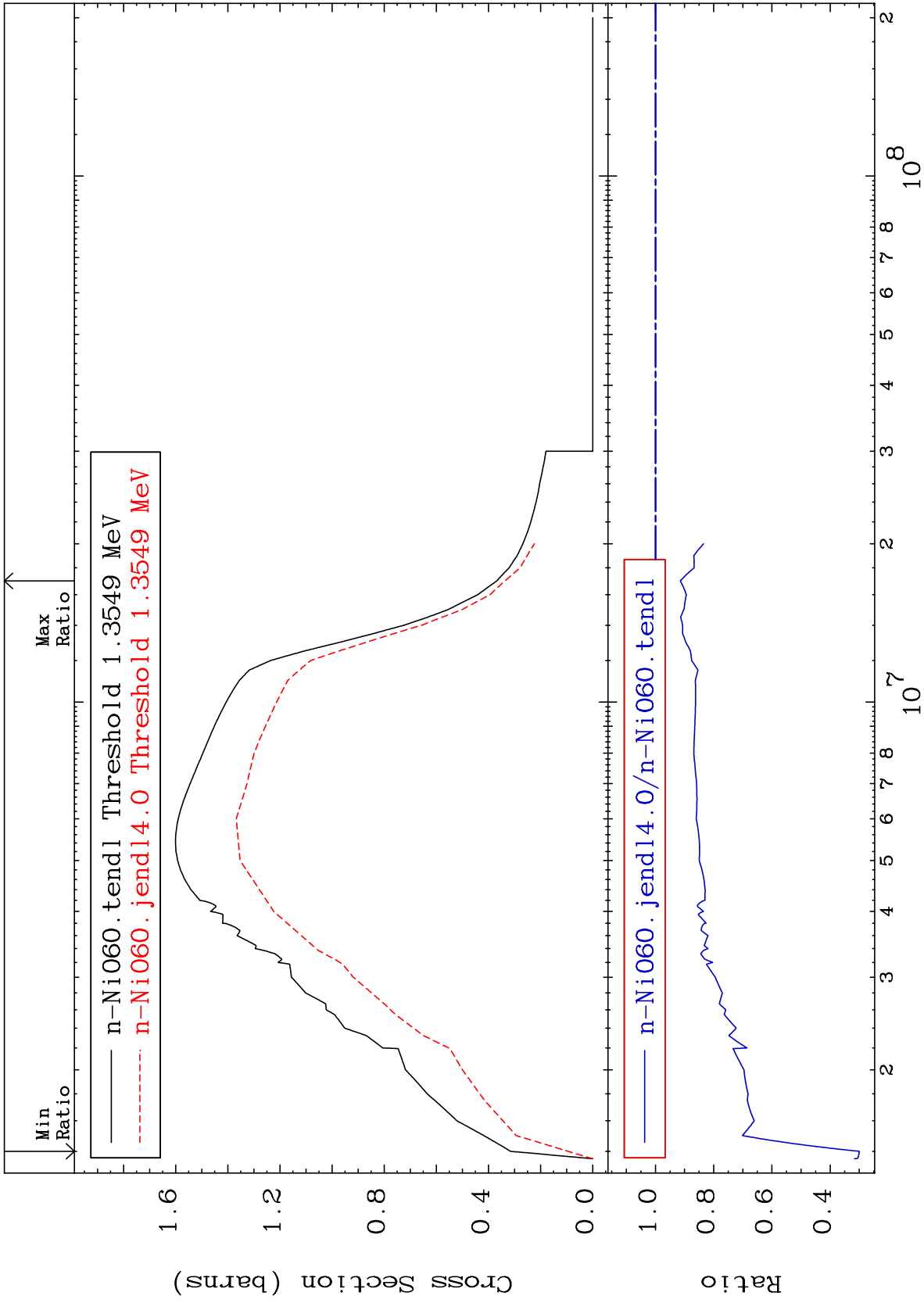
Incident Energy (eV)

28-Ni-60

MAT 2831

Inelastic Cross Section

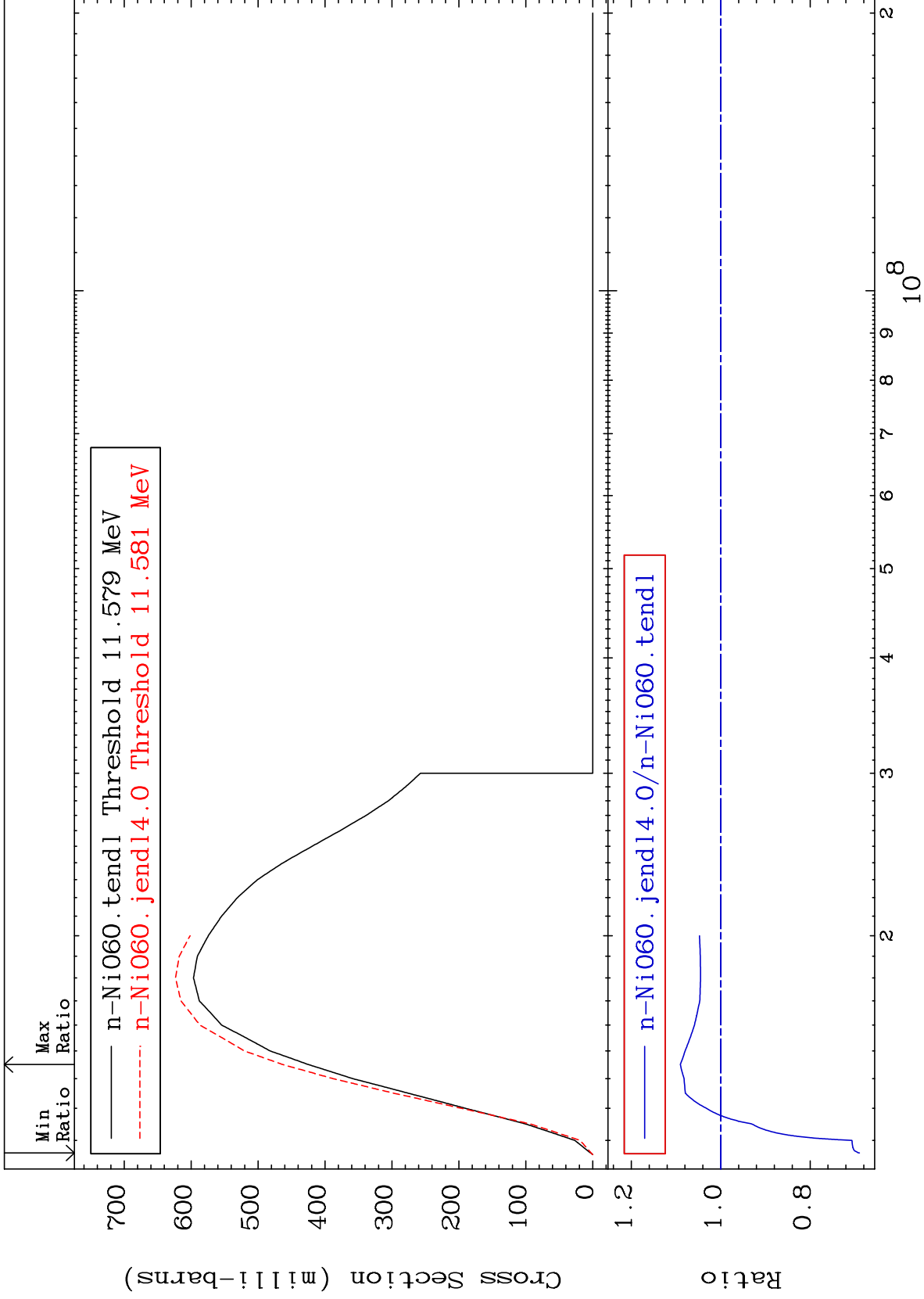
28-Ni-60
-70.06 To -8.550%



MAT 2831

(n,2n)
Cross Section

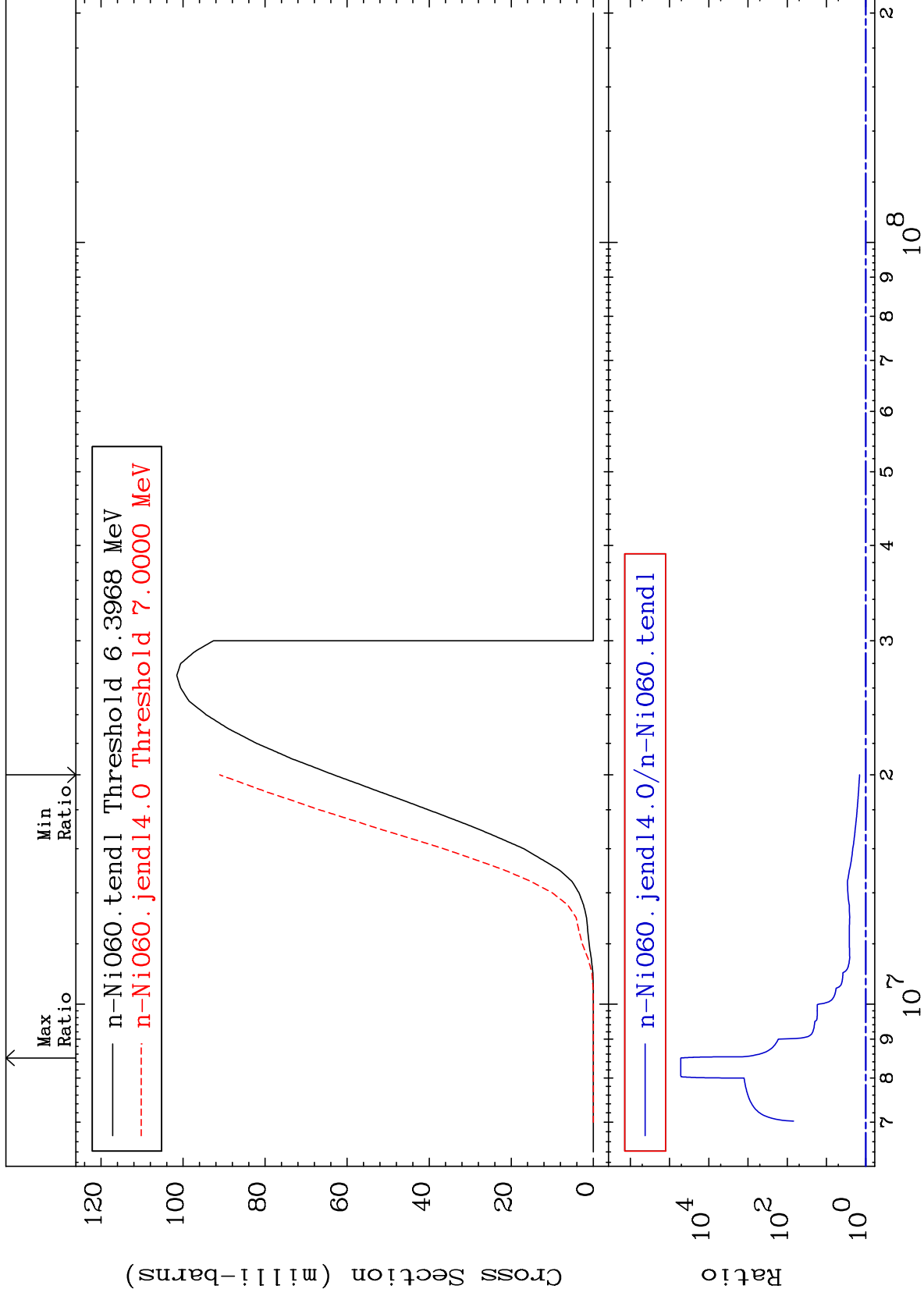
28-Ni-60
-31.03 To 9.035 %



MAT 2831

(n,n') α
Cross Section

28-Ni-60
43.94 To 9999. %



5

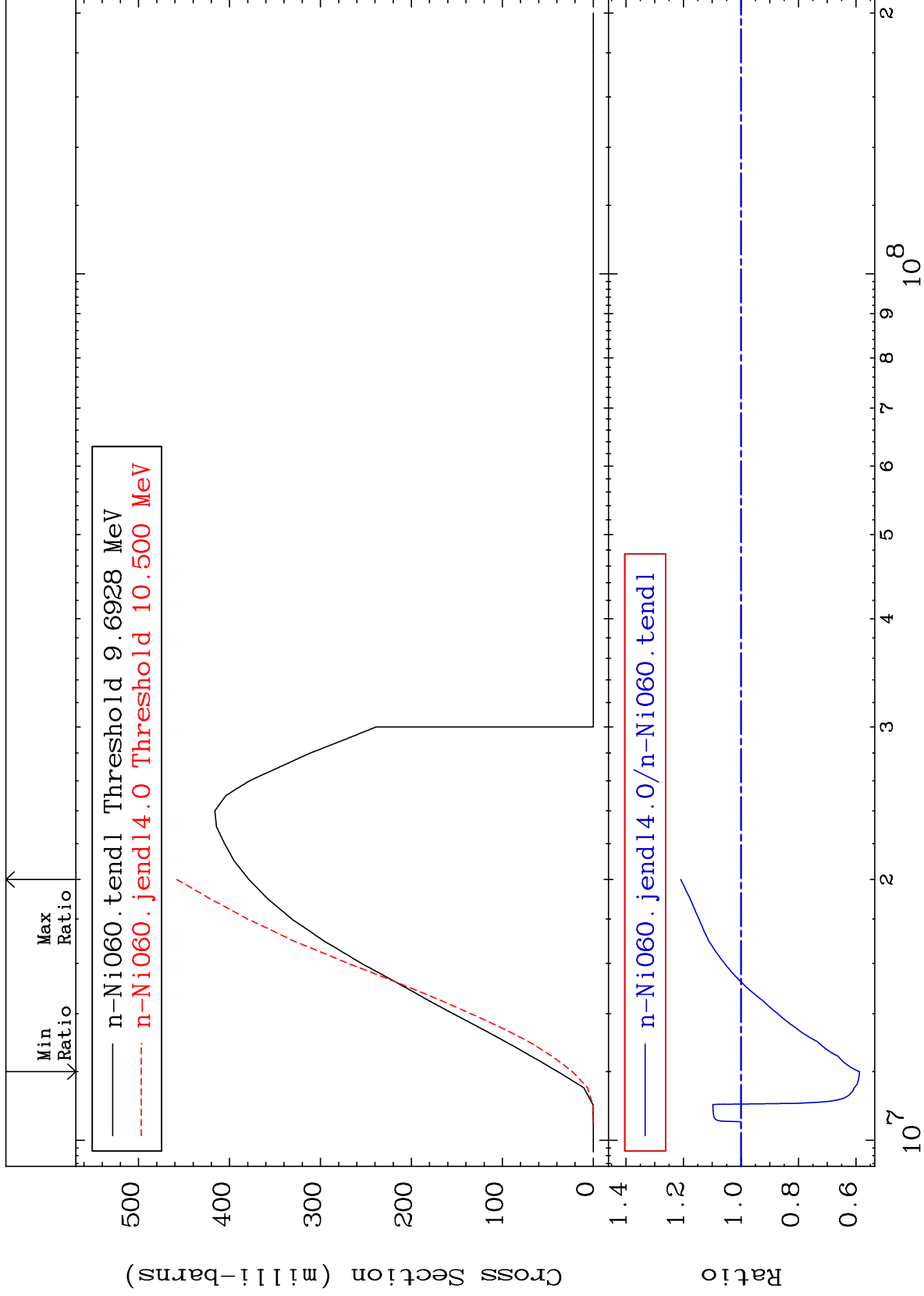
Incident Energy (eV)

28-Ni-60

MAT 2831

(n,n') p
Cross Section

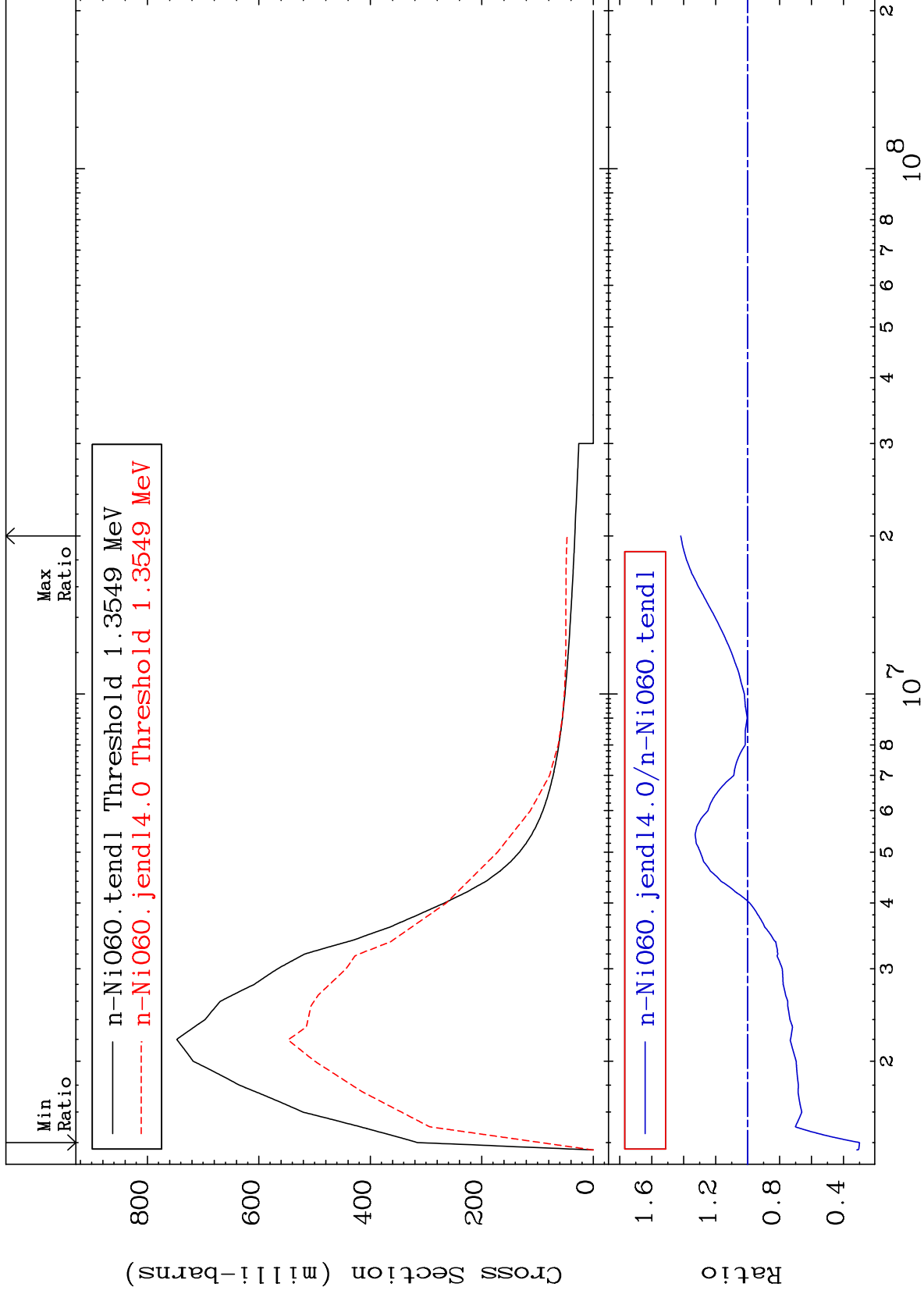
28-Ni-60
-41.21 To 20.94 %



MAT 2831

MT= 51 (n,n') Level
Cross Section

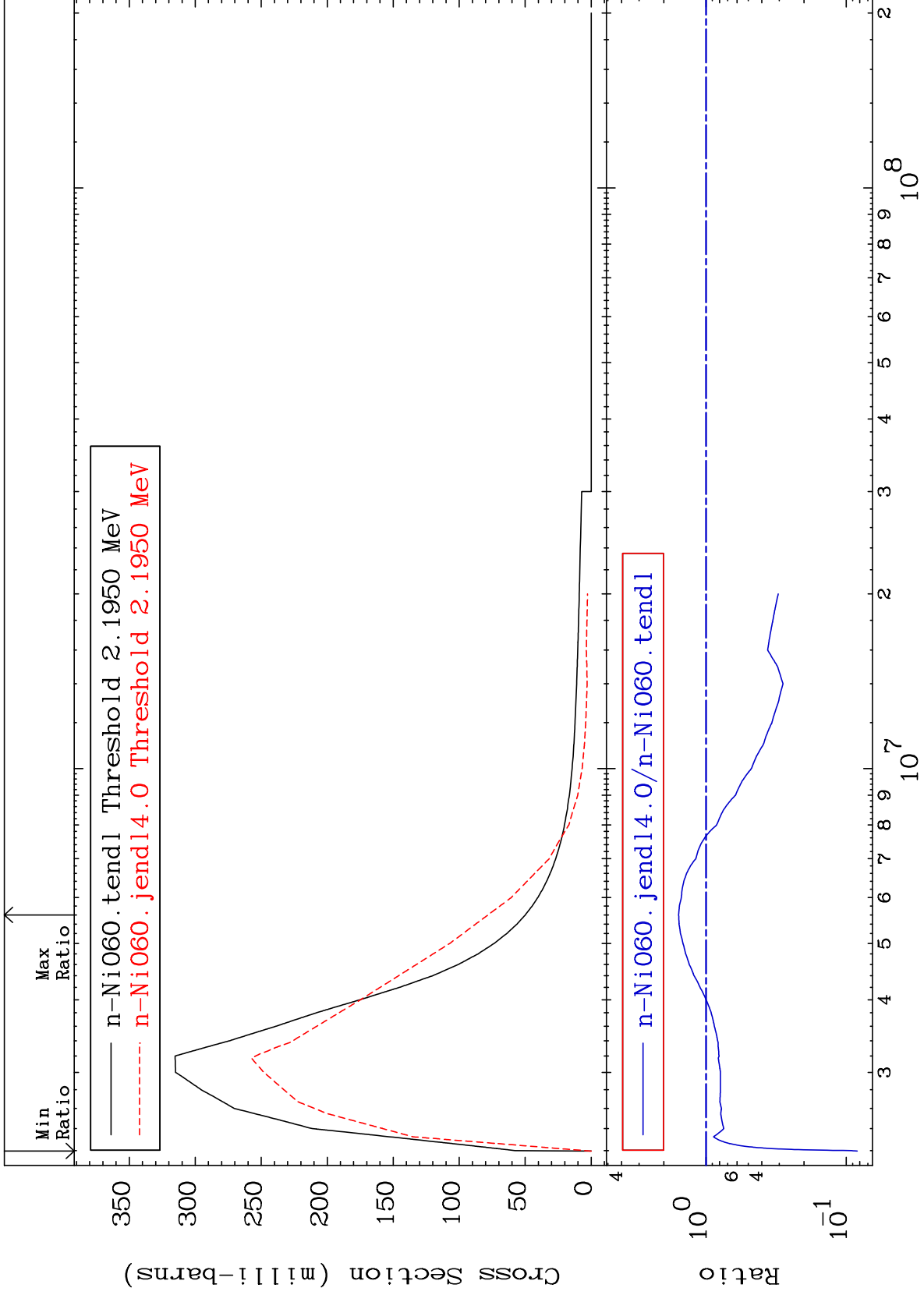
28-Ni-60
-70.06 To 41.84 %



MAT 2831

MT= 52 (n,n') Level
Cross Section

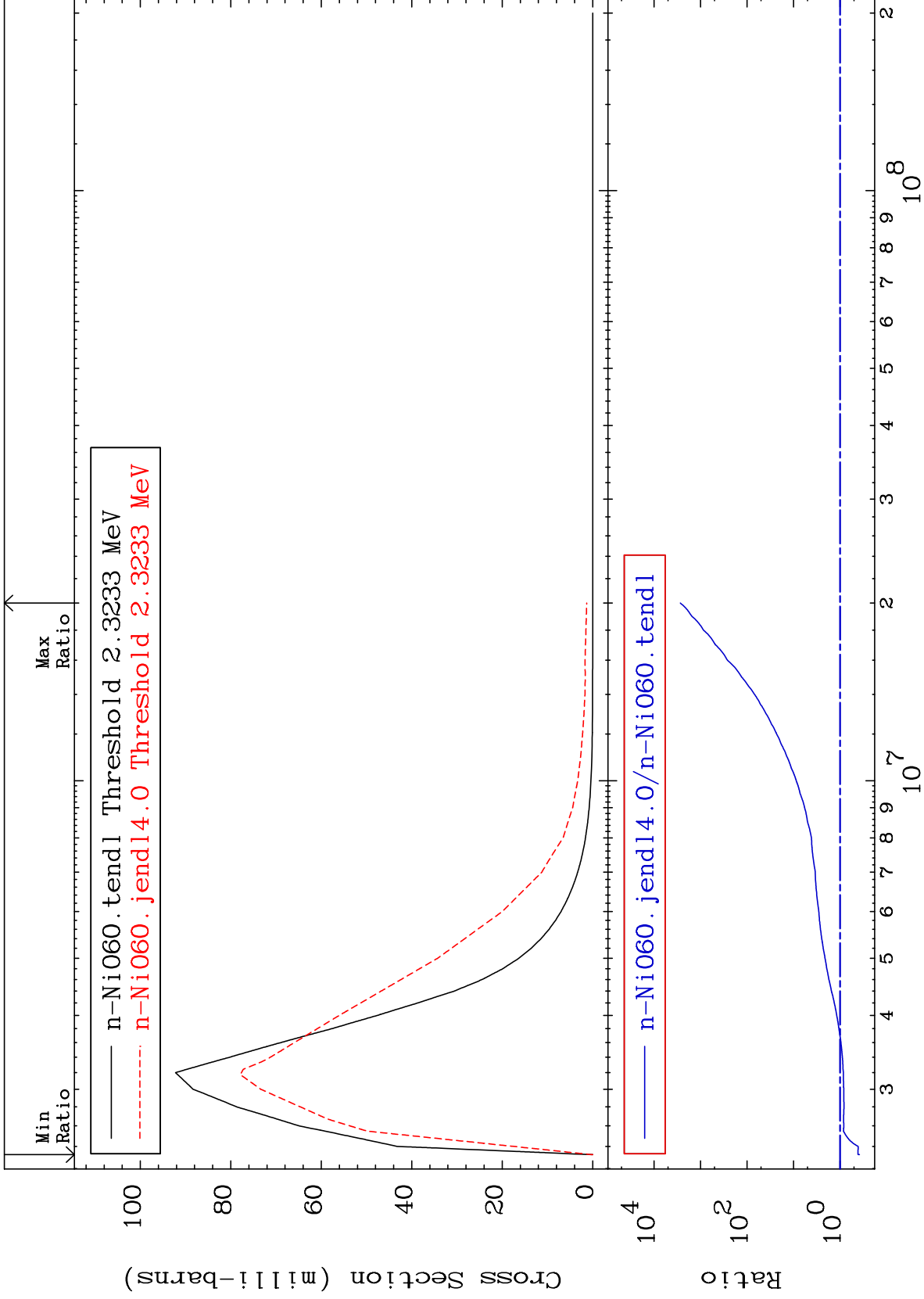
28-Ni-60
-91.66 To 56.59 %



MAT 2831

MT= 53 (n,n') Level
Cross Section

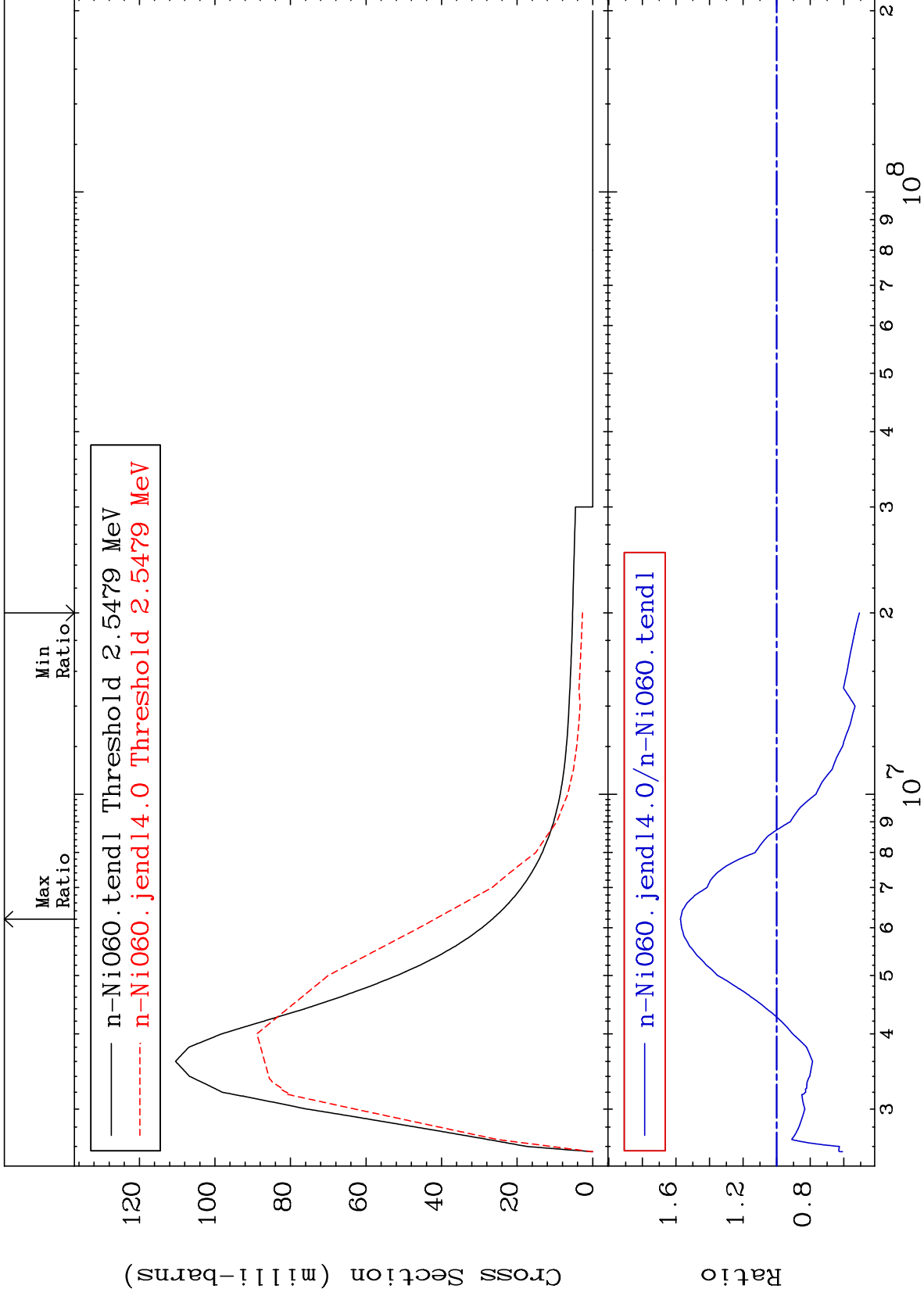
28-Ni-60
-61.80 To 9999. %



MAT 2831

MT= 54 (n,n') Level
Cross Section

28-Ni-60
-49.27 To 57.38 %



10

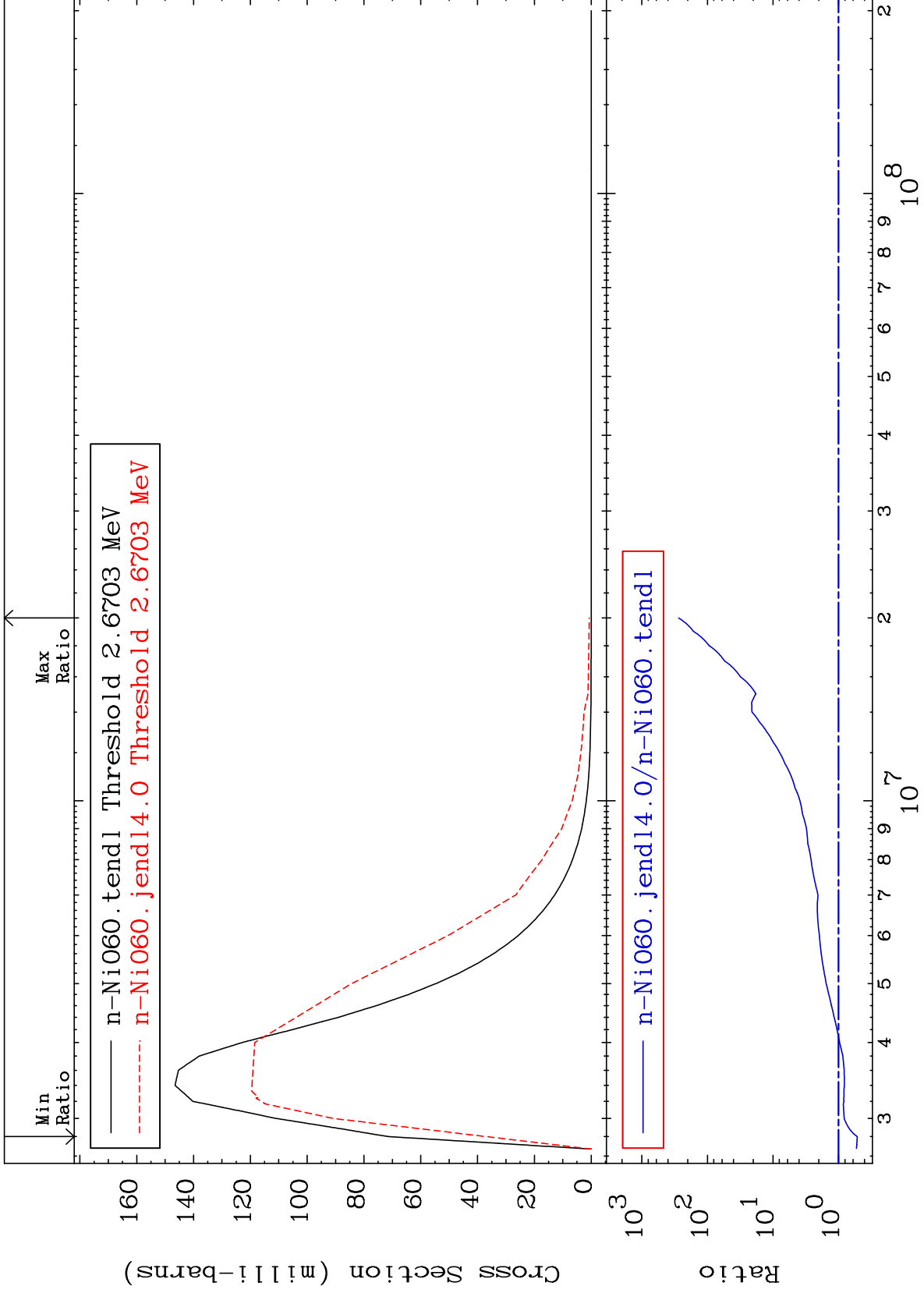
Incident Energy (eV)

28-Ni-60

MAT 2831

MT= 55 (n,n') Level
Cross Section

28-Ni-60
-48.19 To 9999. %



11

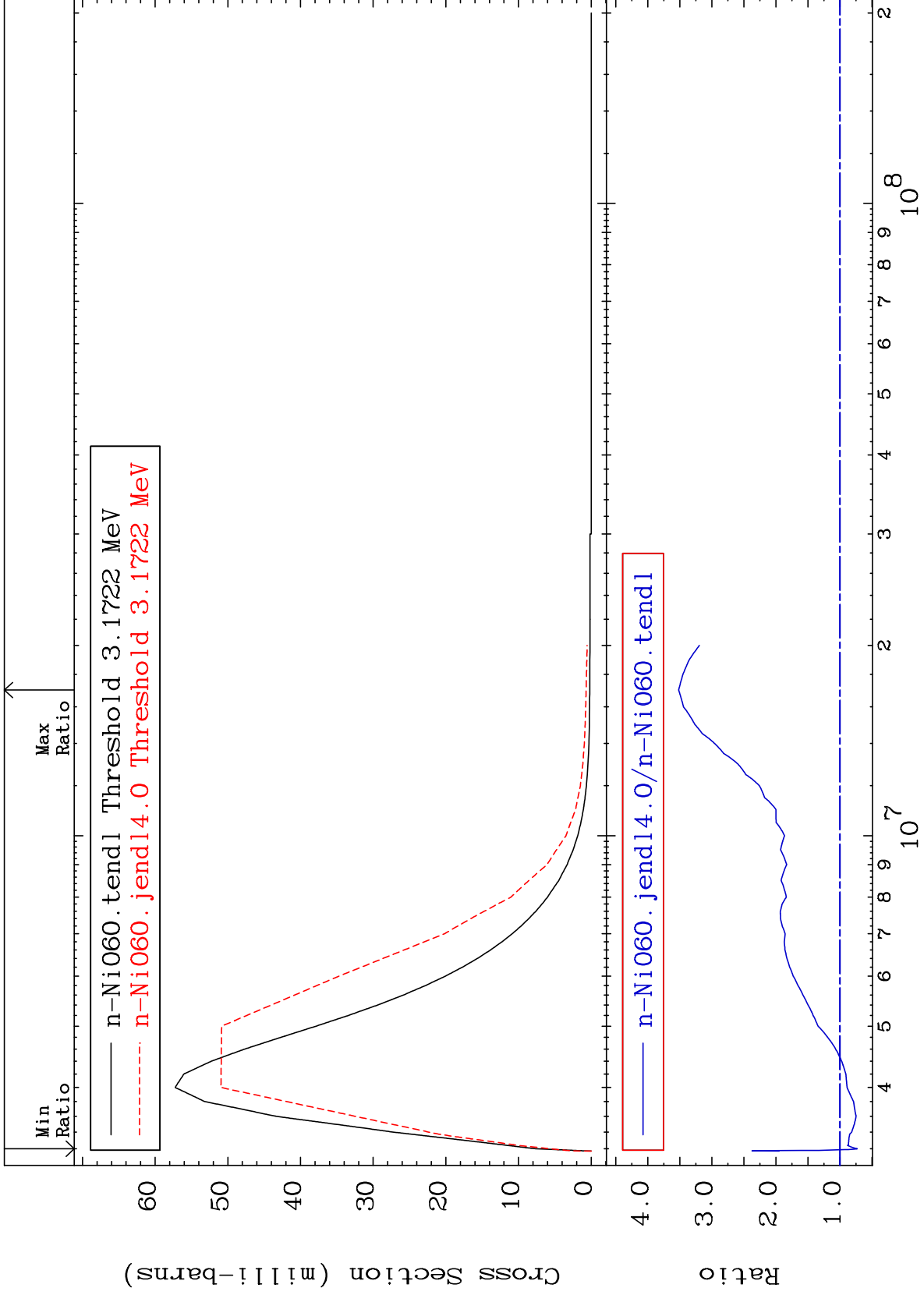
Incident Energy (eV)

28-Ni-60

MAT 2831

MT= 56 (n,n') Level
Cross Section

28-Ni-60
-26.93 To 251.8 %



12

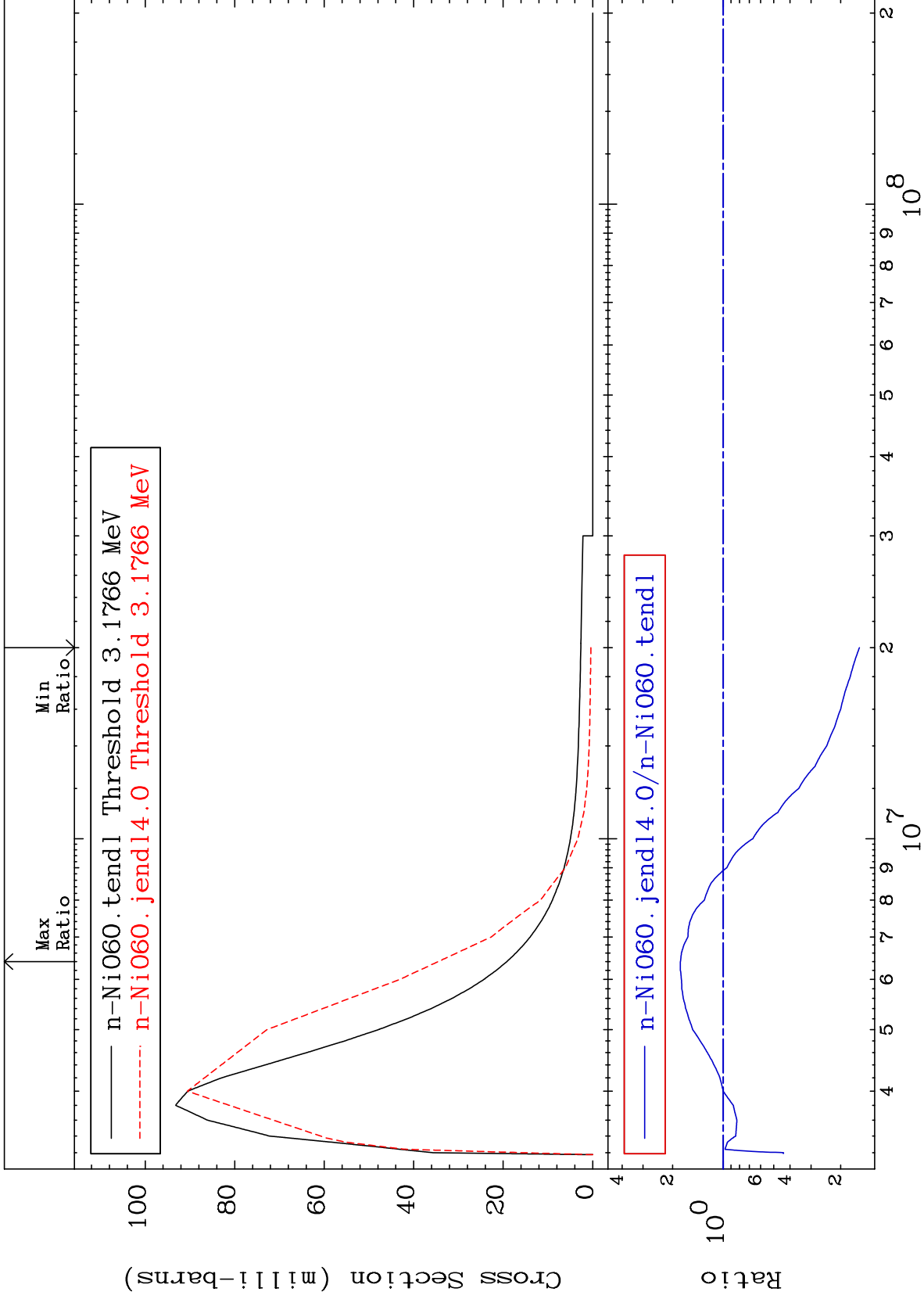
Incident Energy (eV)

28-Ni-60

MAT 2831

MT= 57 (n,n') Level
Cross Section

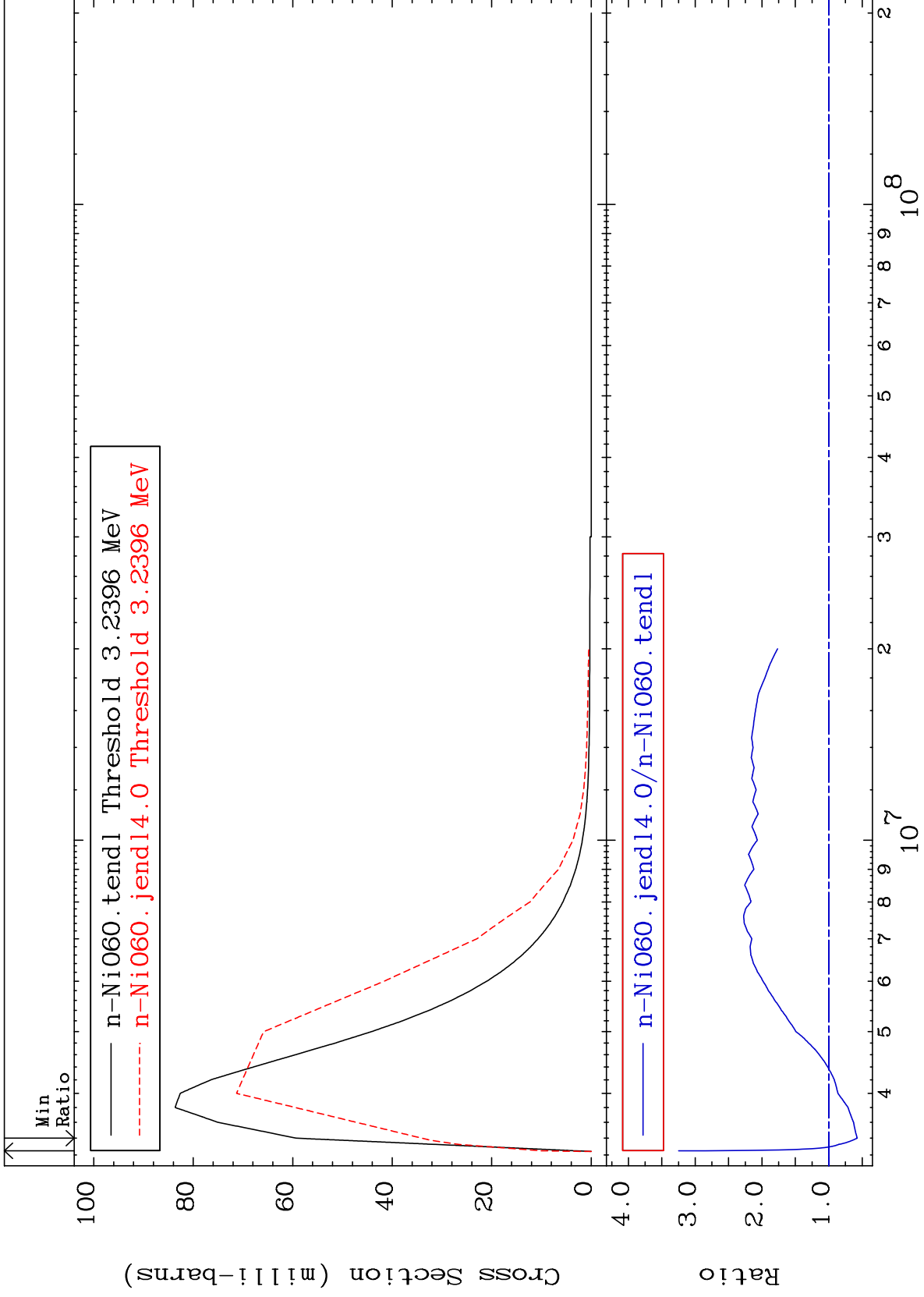
28-Ni-60
-84.53 To 79.93 %



MAT 2831

MT= 58 (n,n') Level
Cross Section

28-Ni-60
-42.67 To 224.8 %



14

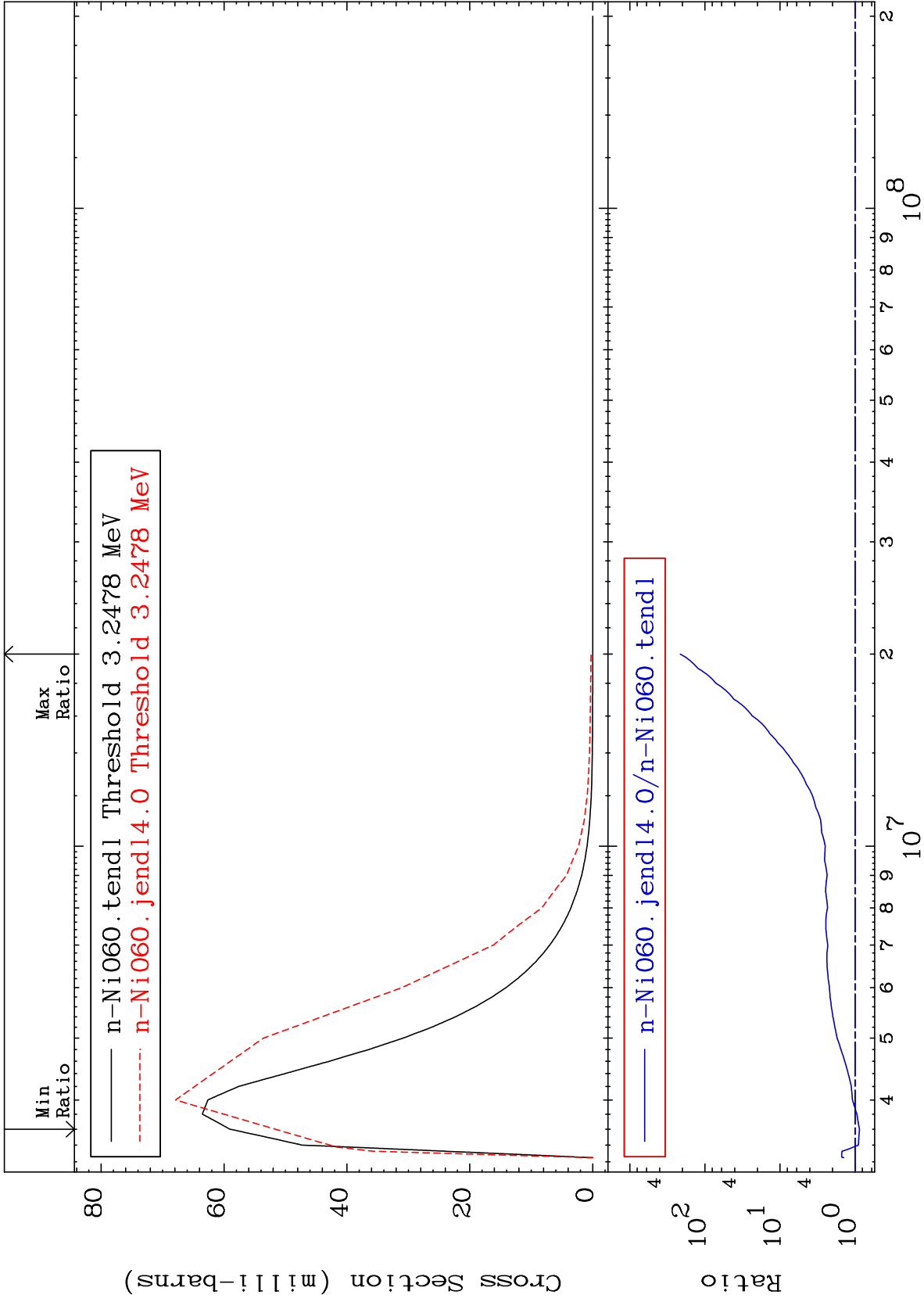
Incident Energy (eV)

28-Ni-60

MAT 2831

MT= 59 (n,n') Level
Cross Section

28-Ni-60
-12.51 To 9999. %



15

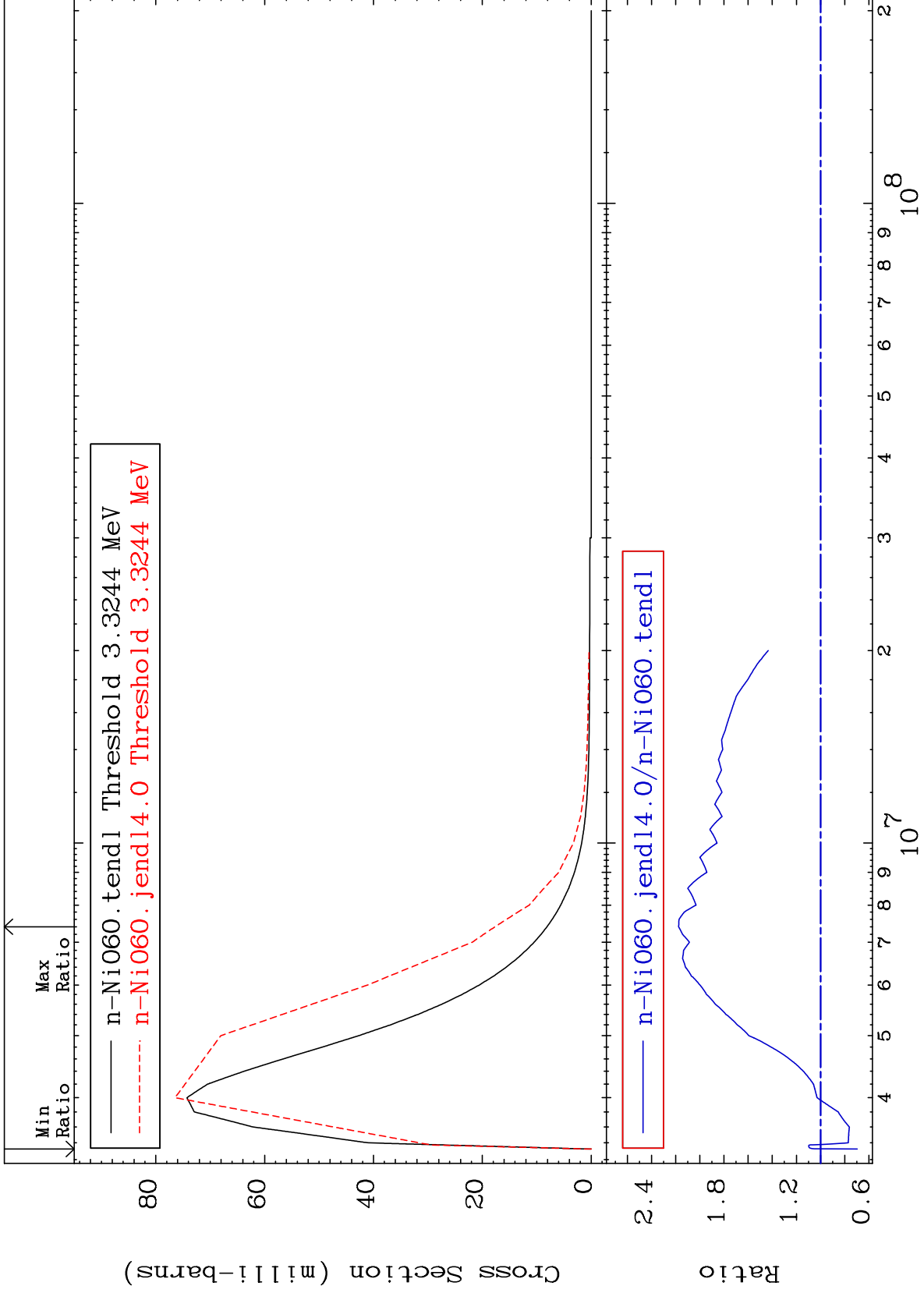
Incident Energy (eV)

28-Ni-60

MAT 2831

MT= 60 (n,n') Level
Cross Section

28-Ni-60
-30.38 To 117.5 %



16

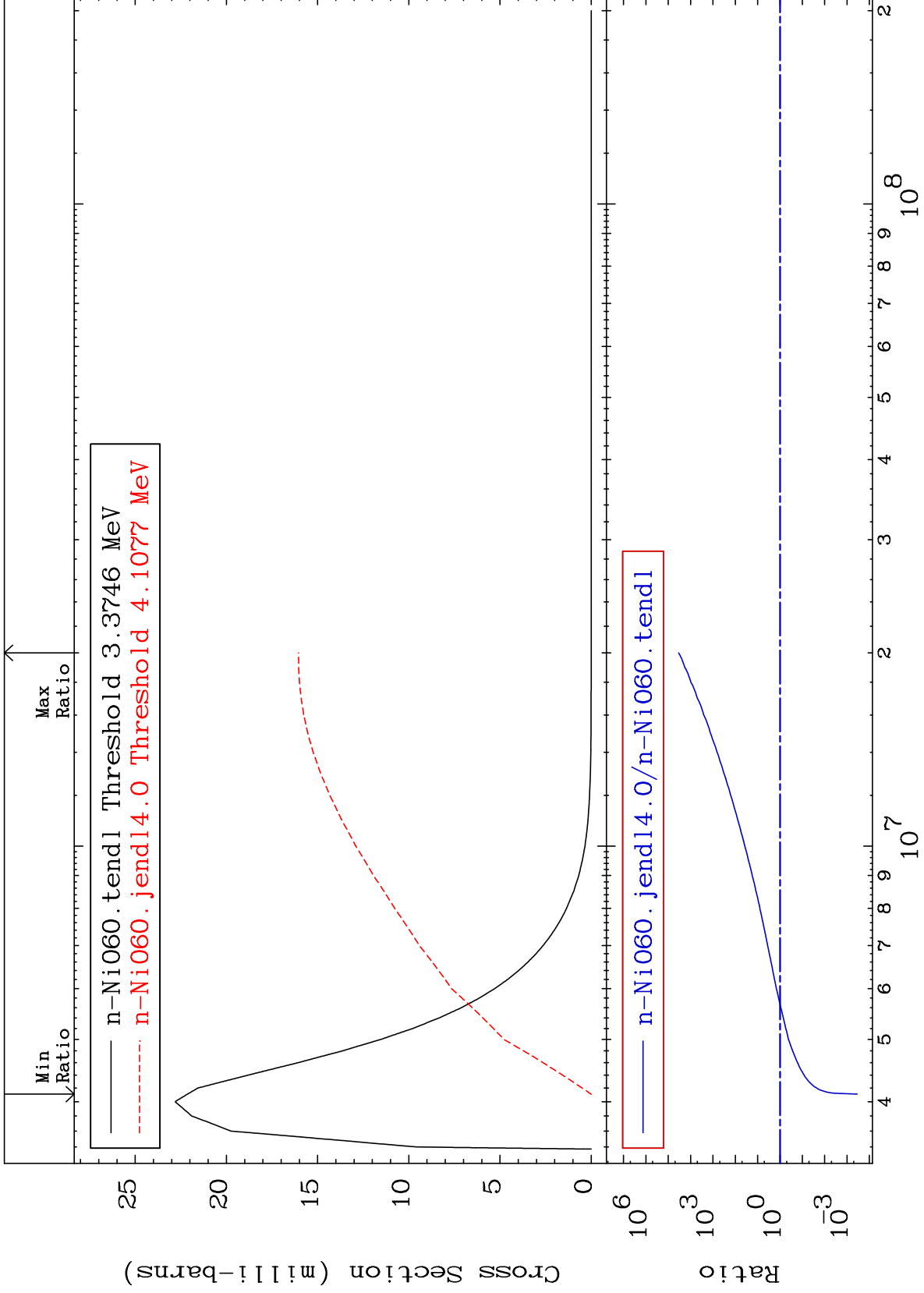
28-Ni-60

28-Ni-60

MAT 2831

MT= 61 (n,n') Level
Cross Section

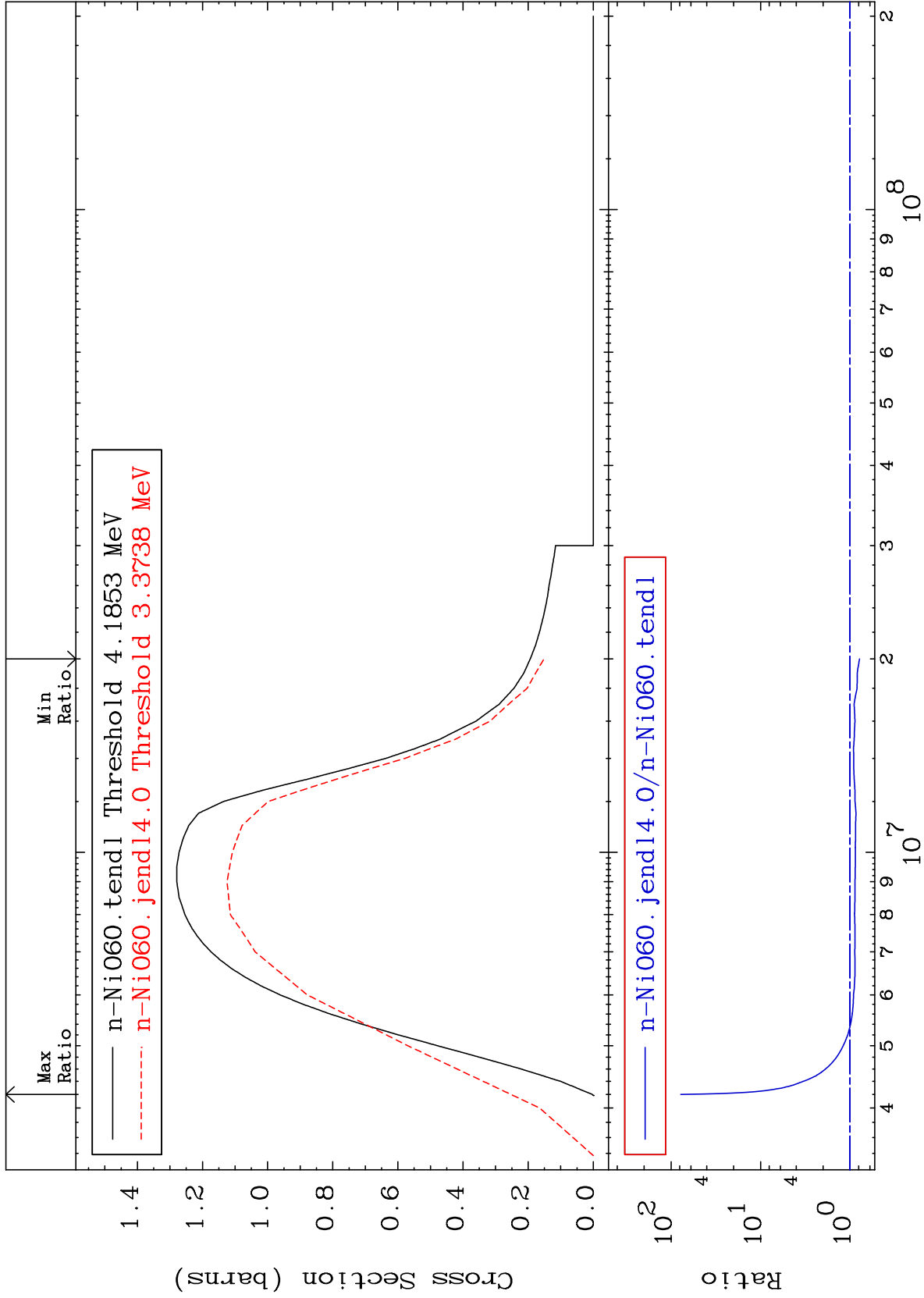
28-Ni-60
-99.97 To 9999. %



17

Incident Energy (eV)

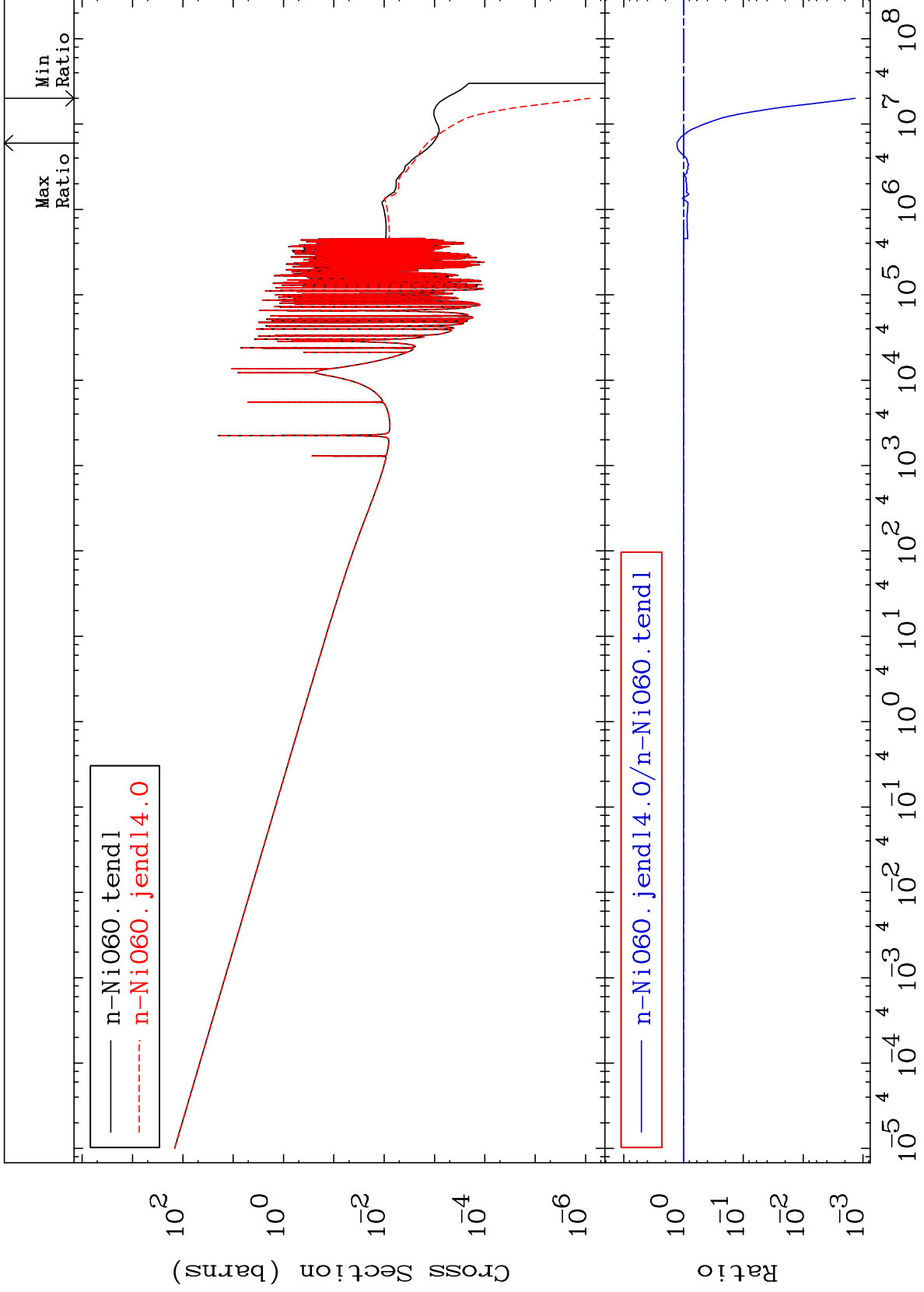
28-Ni-60



MAT 2831

(n, γ)
Cross Section

28-Ni-60
-99.86 To 28.91 %



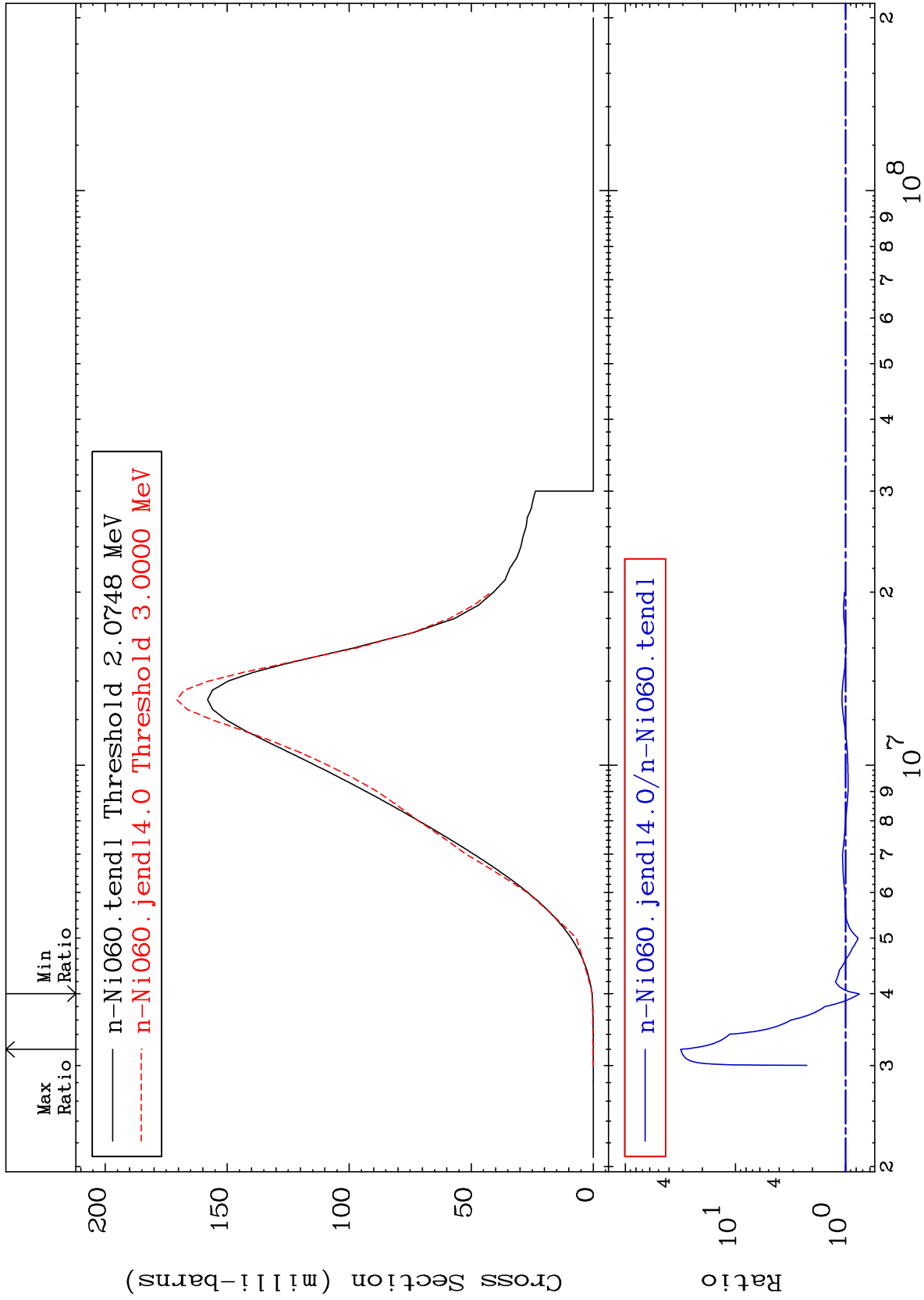
MAT 2831

(n,p)

28-Ni-60

Cross Section

-25.29 To 3036. %



20

Incident Energy (eV)

28-Ni-60

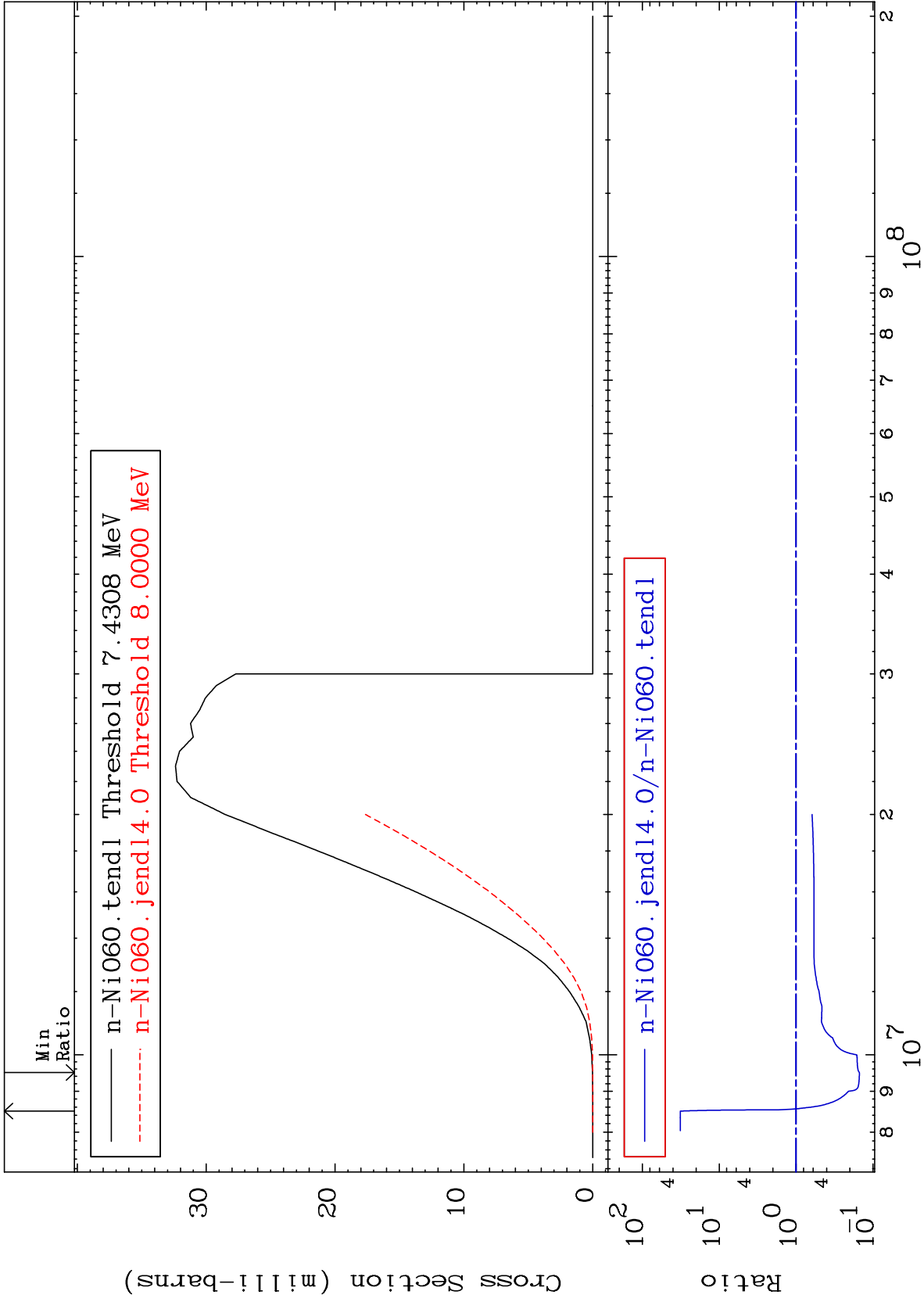
MAT 2831

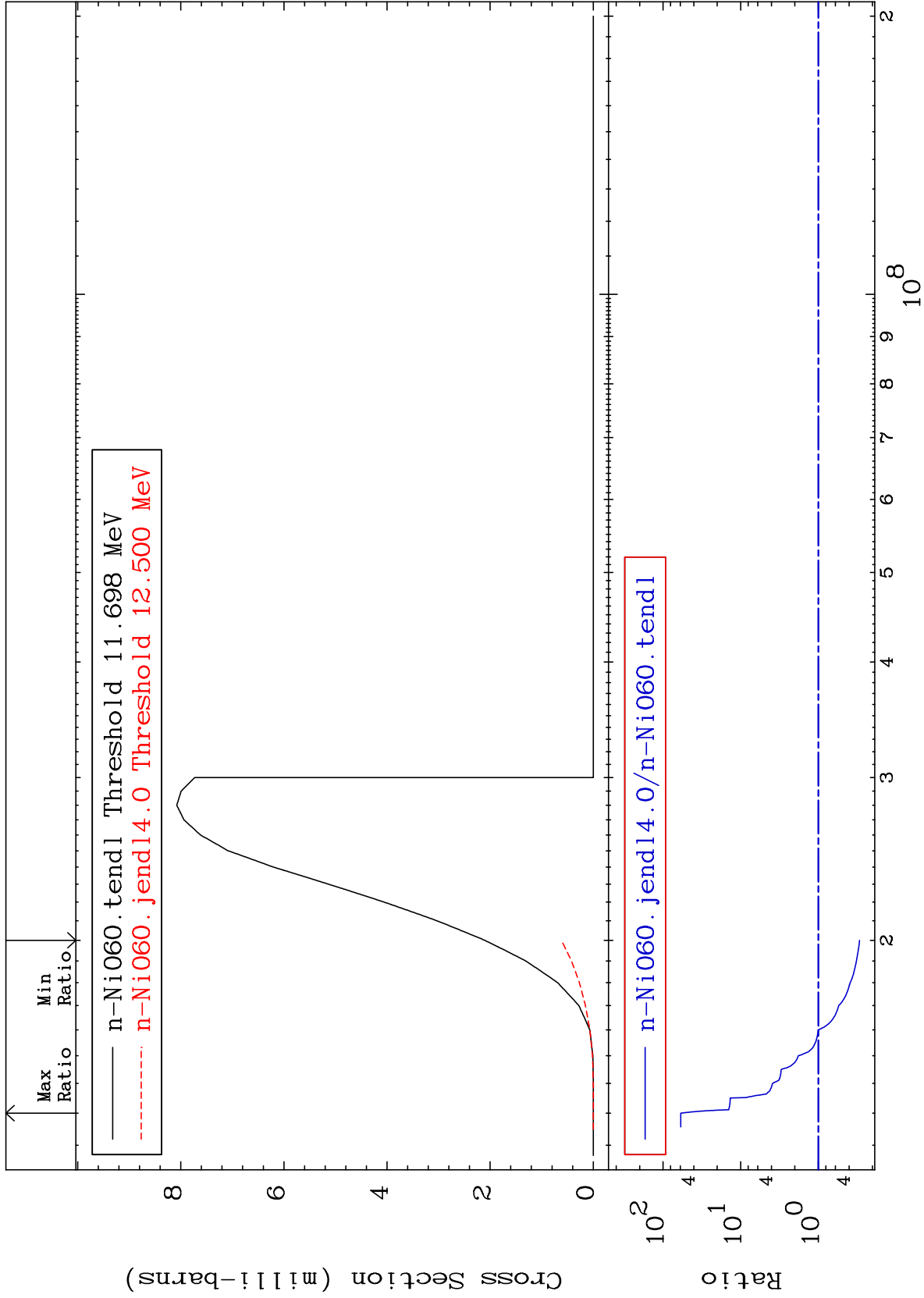
(n, d)

28-Ni-60

Cross Section

-85.03 To 3103. %





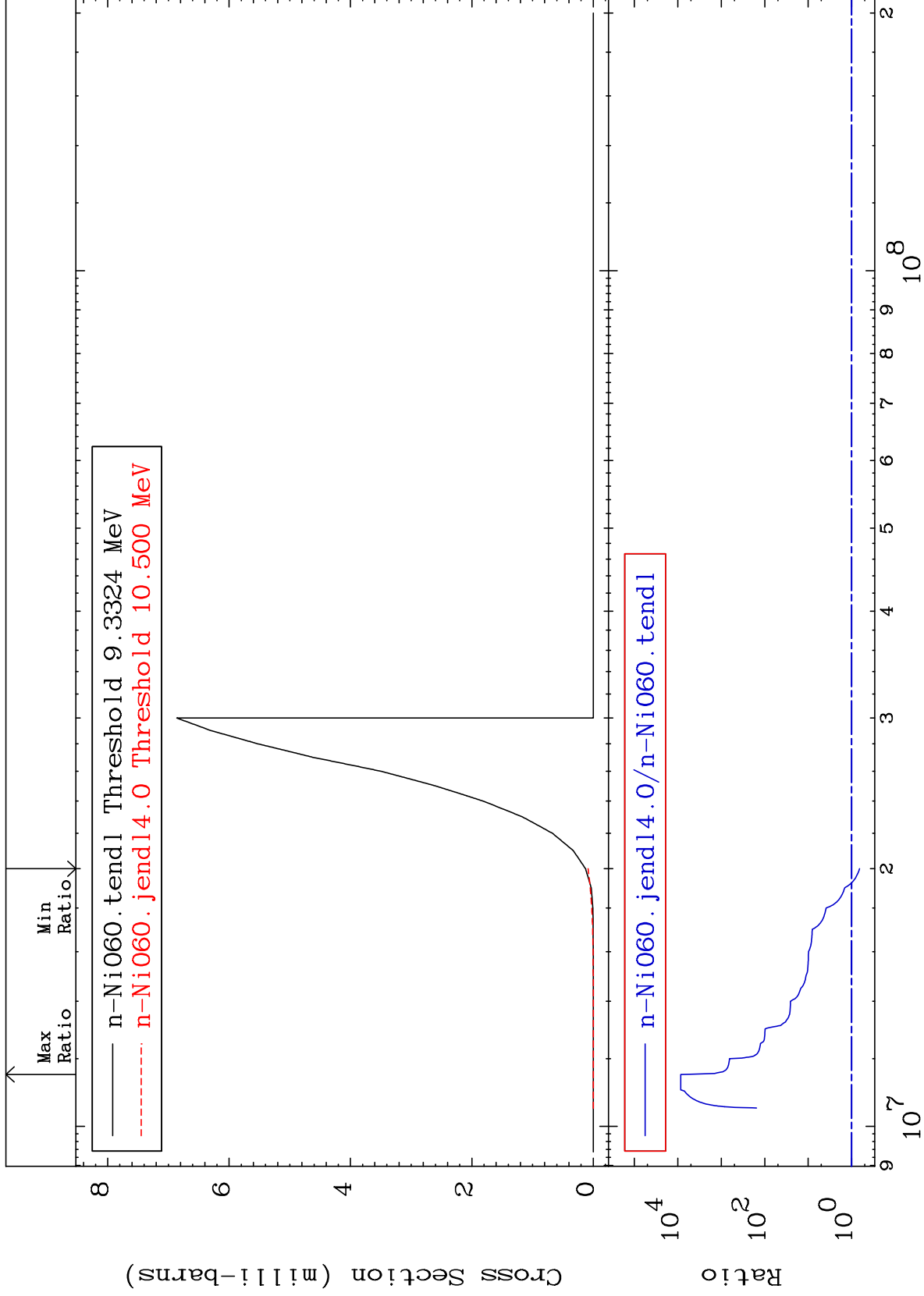
MAT 2831

(n, He-3)

28-Ni-60

Cross Section

-34.16 To 9999. %



23

28-Ni-60

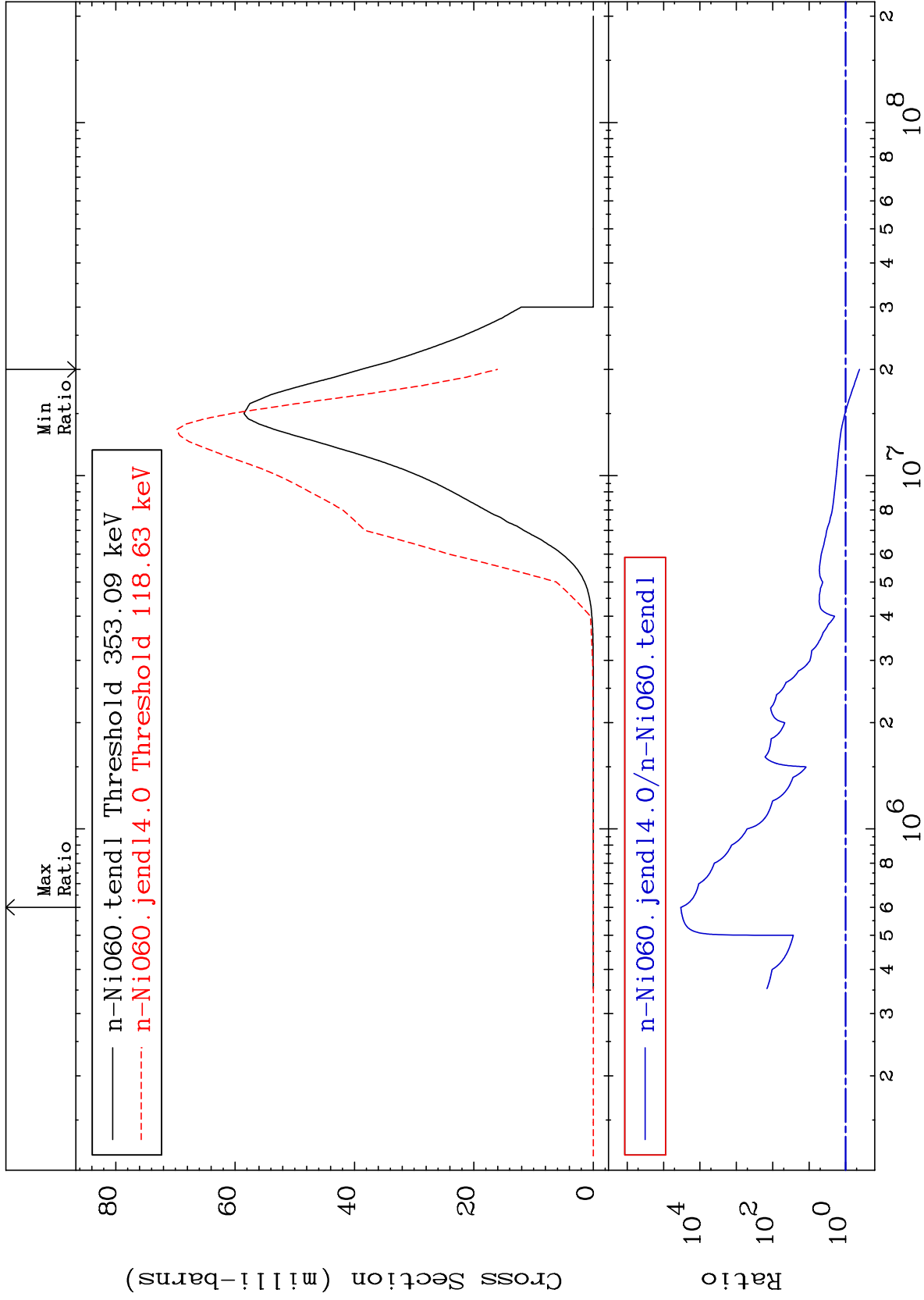
MAT 2831

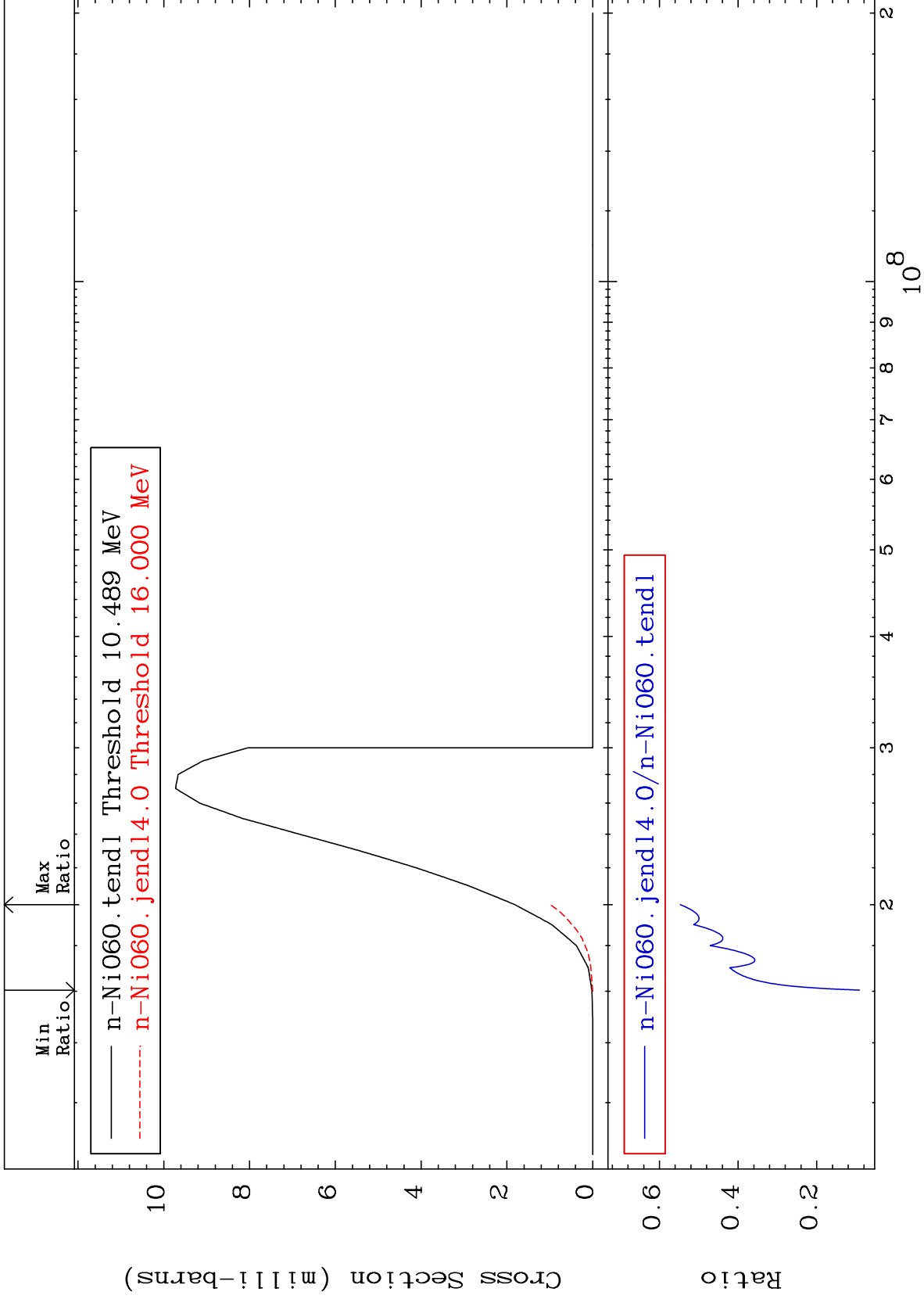
(n, α)

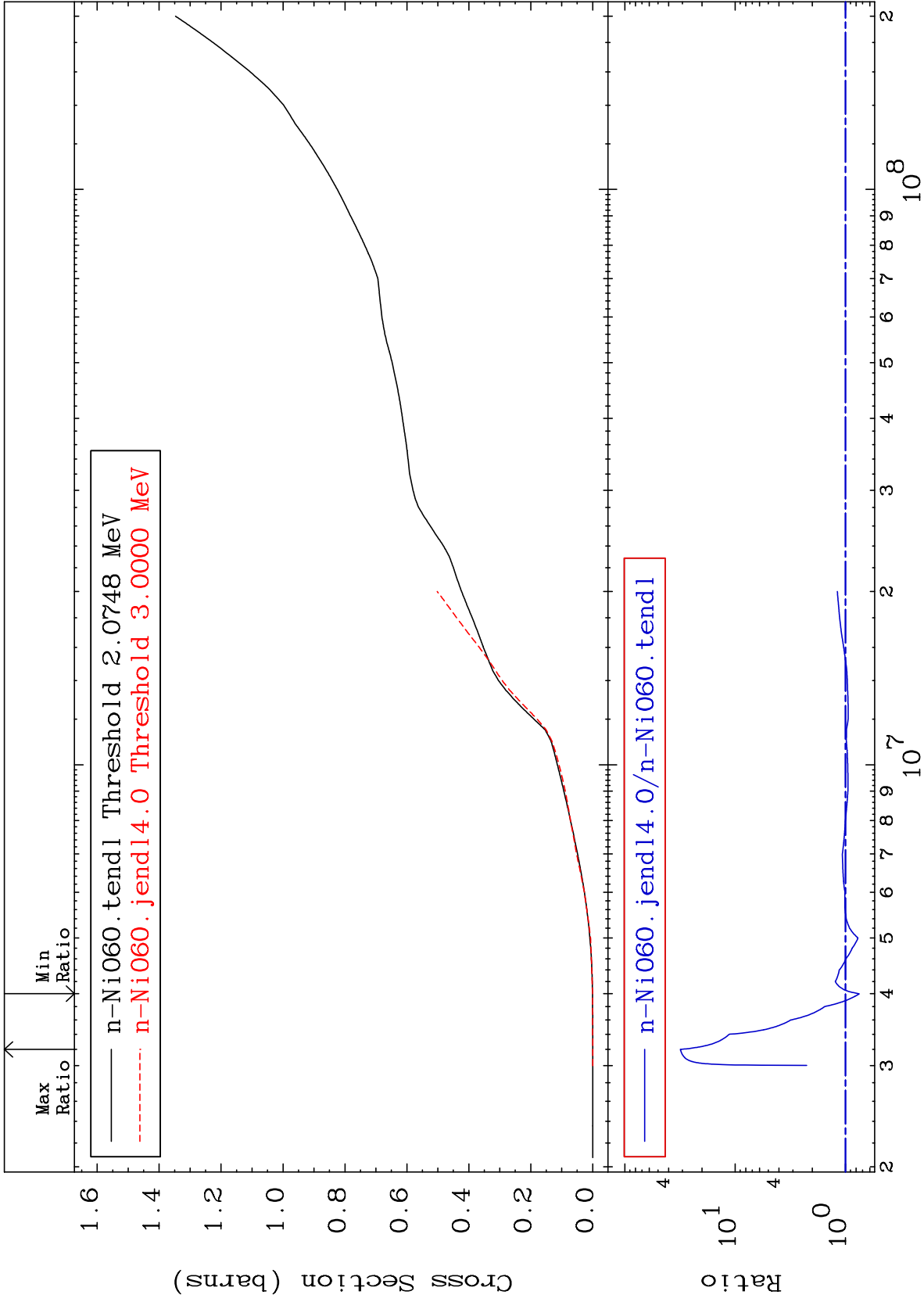
28-Ni-60

Cross Section

-58.69 To 9999. %



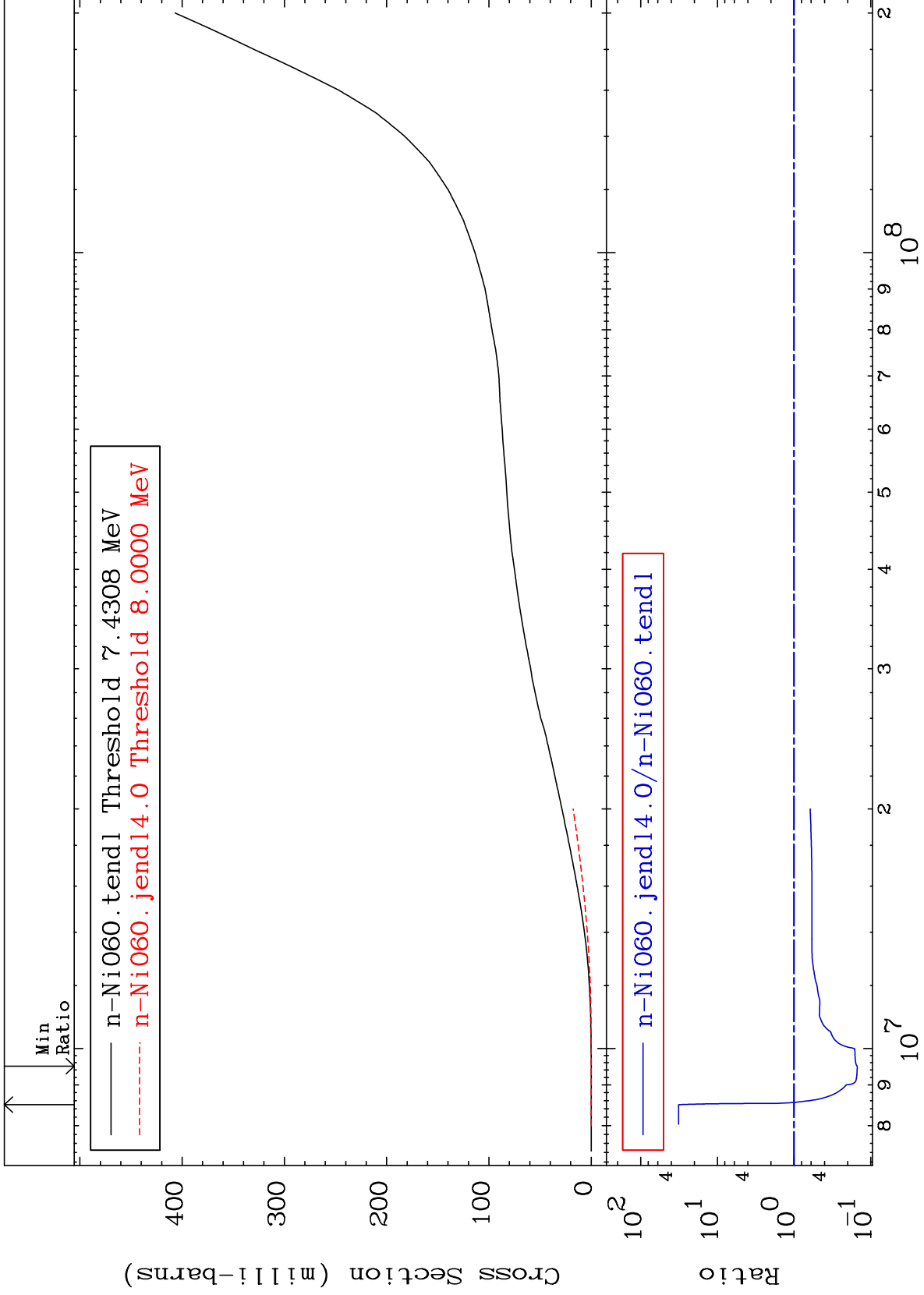


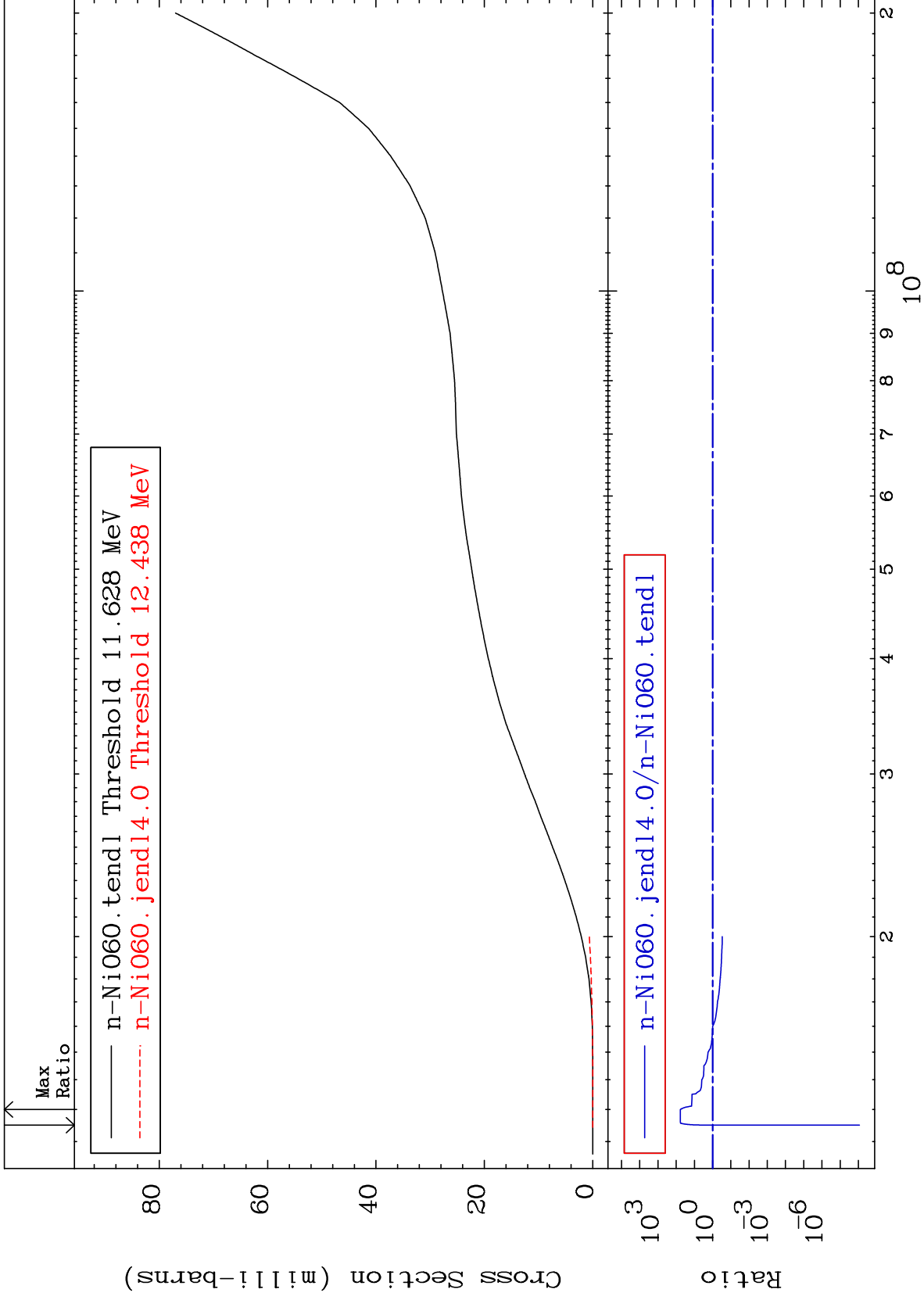


MAT 2831

Deuterium Production
Cross Section

28-Ni-60
-85.03 To 3103. %

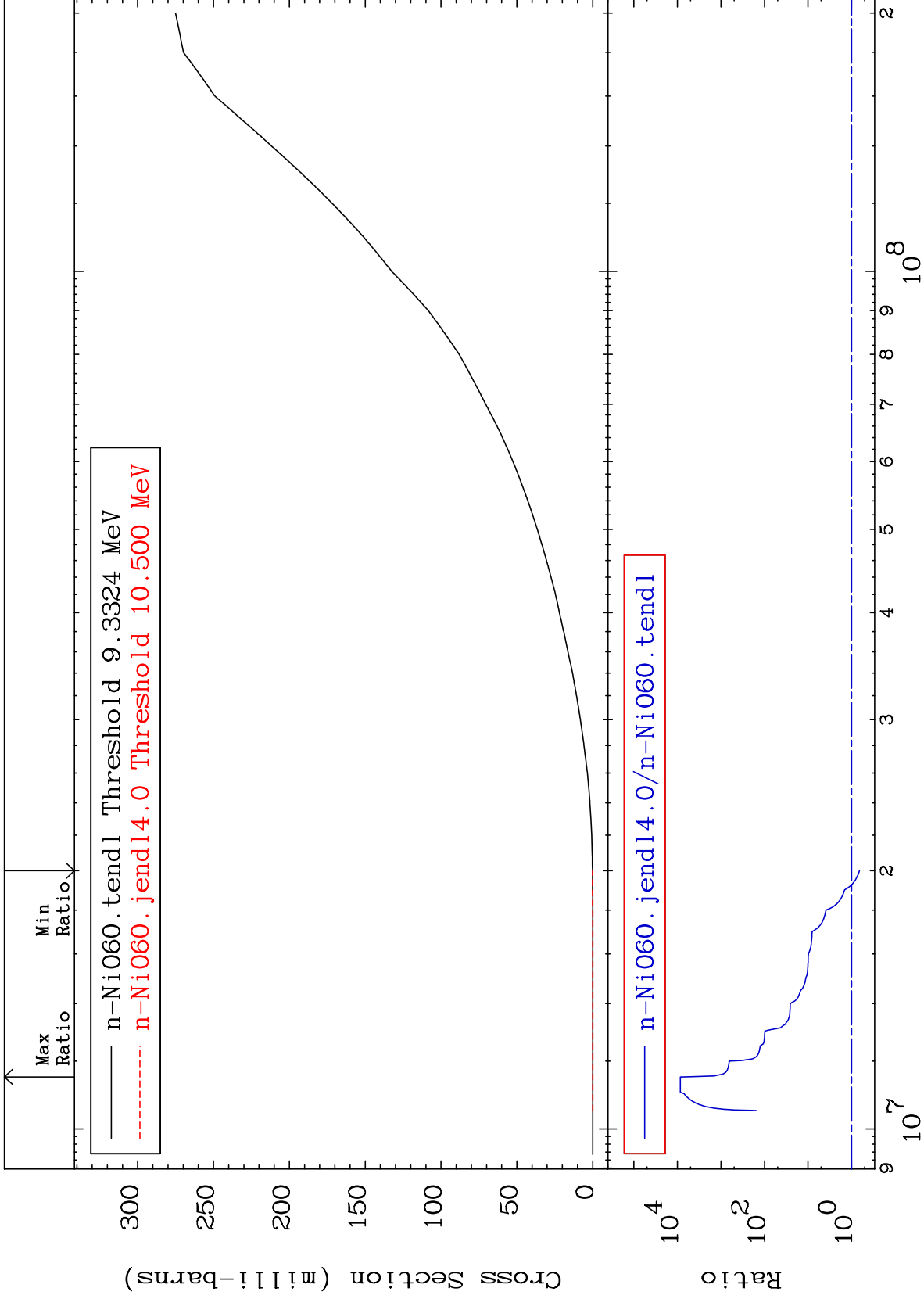




MAT 2831

He-3 Production
Cross Section

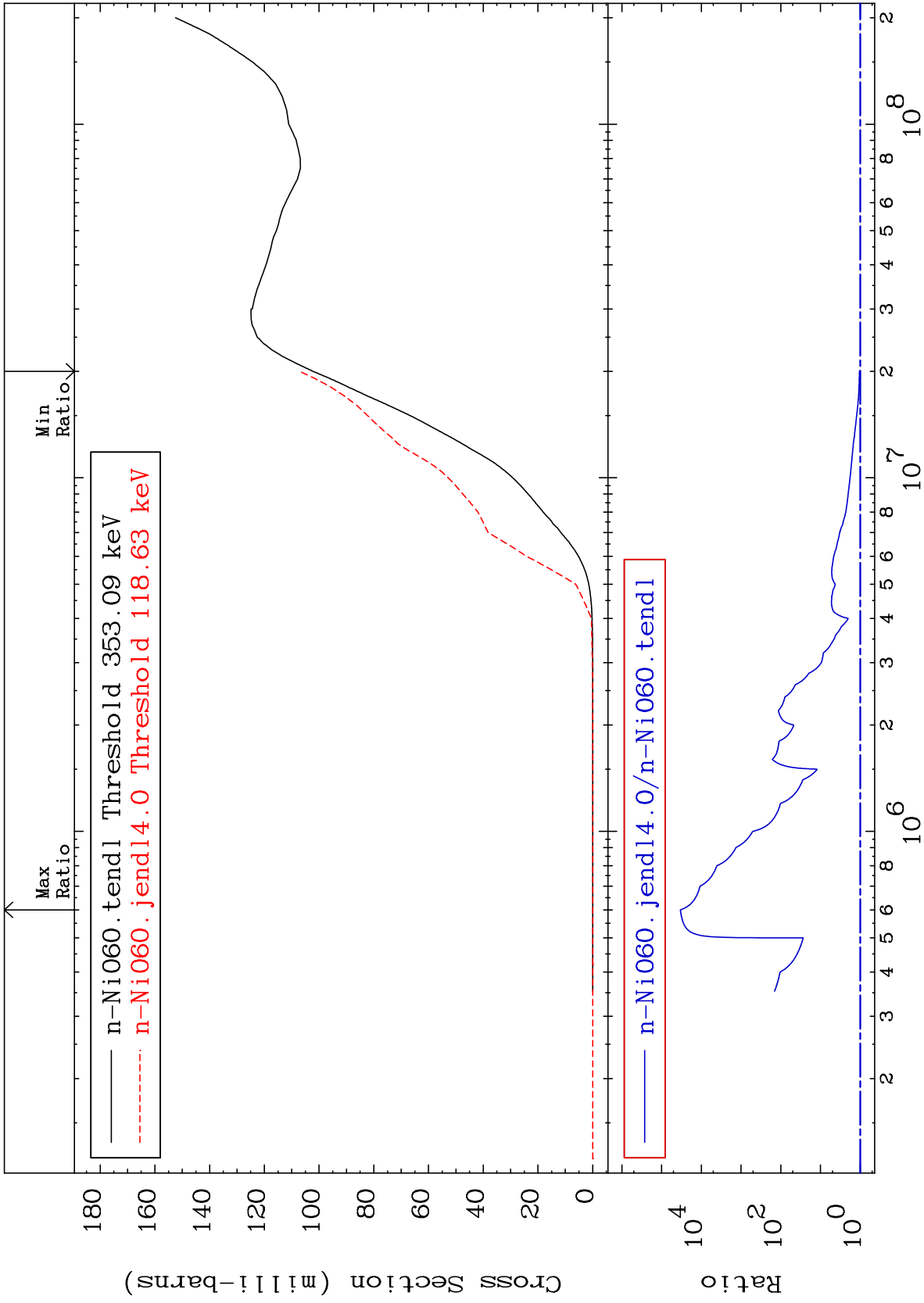
28-Ni-60
-34.16 To 9999. %

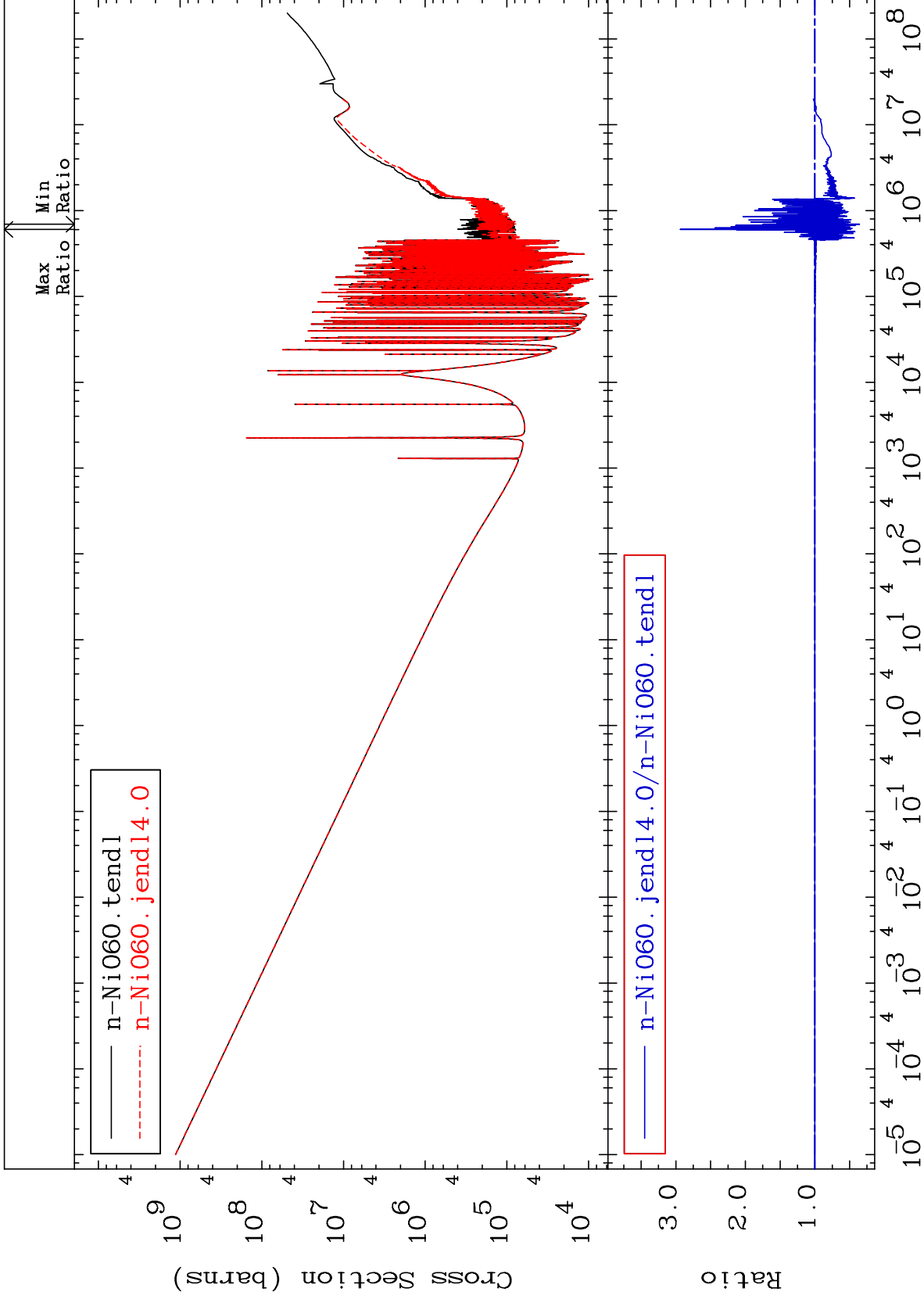


29

Incident Energy (eV)

28-Ni-60

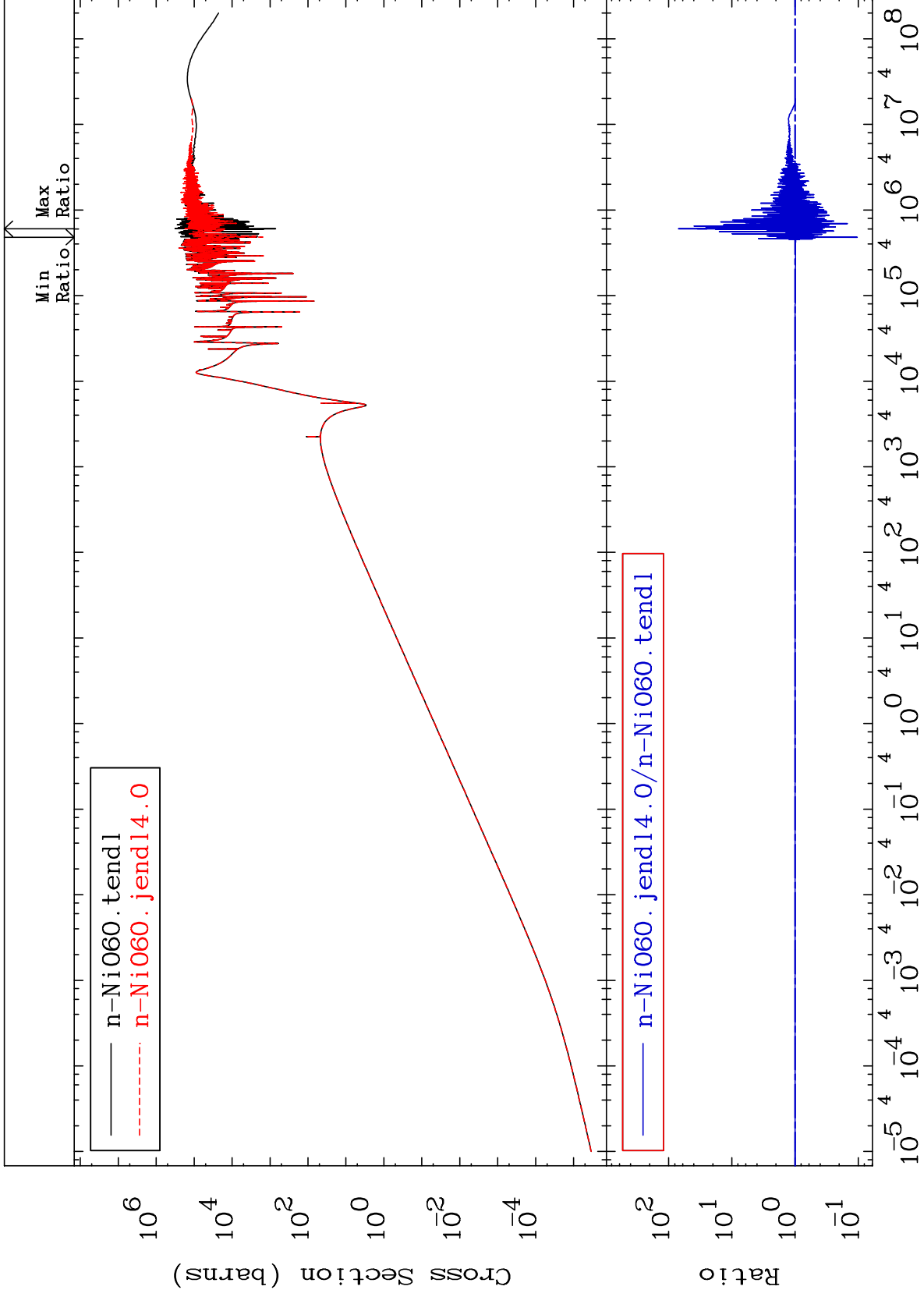


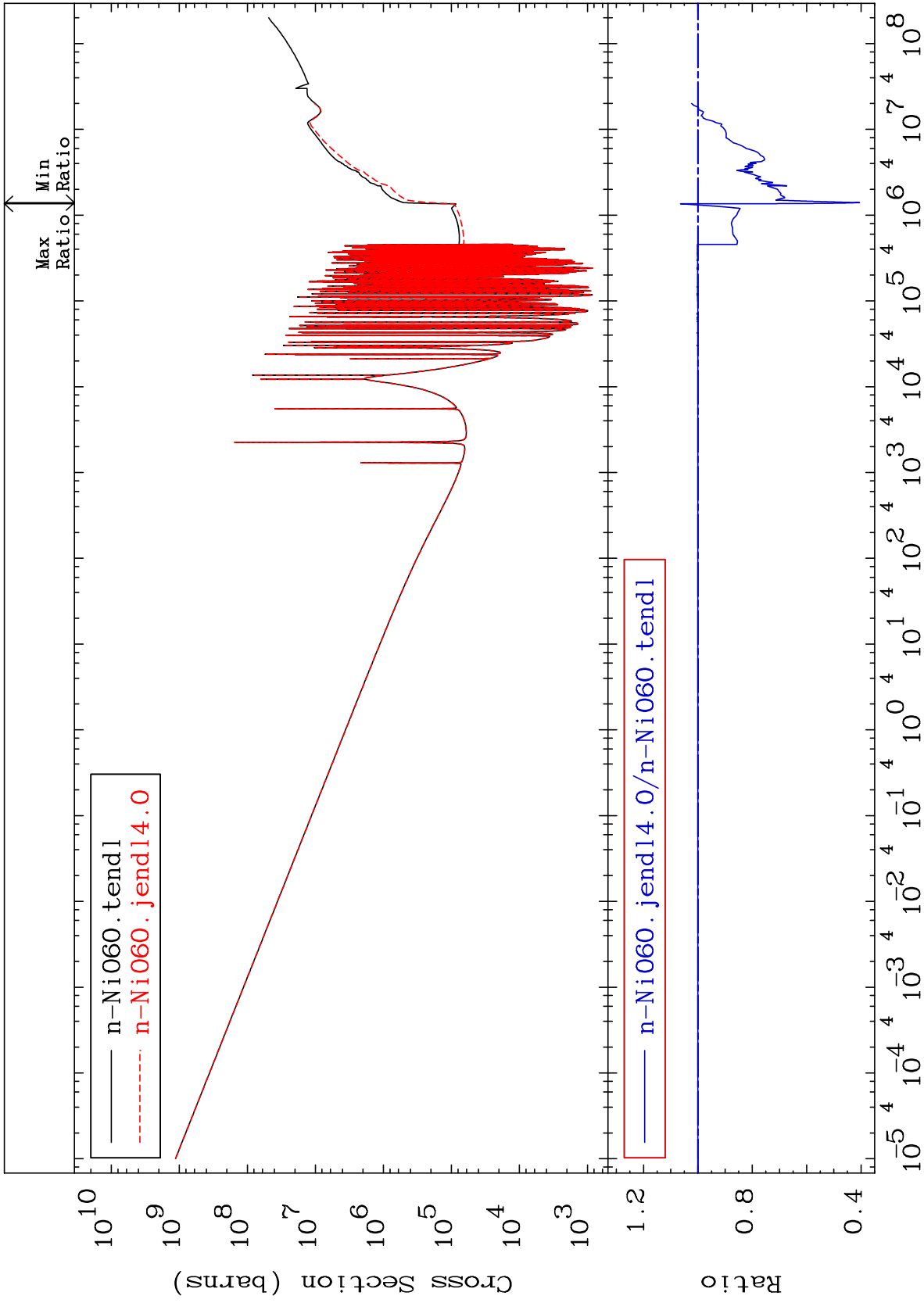


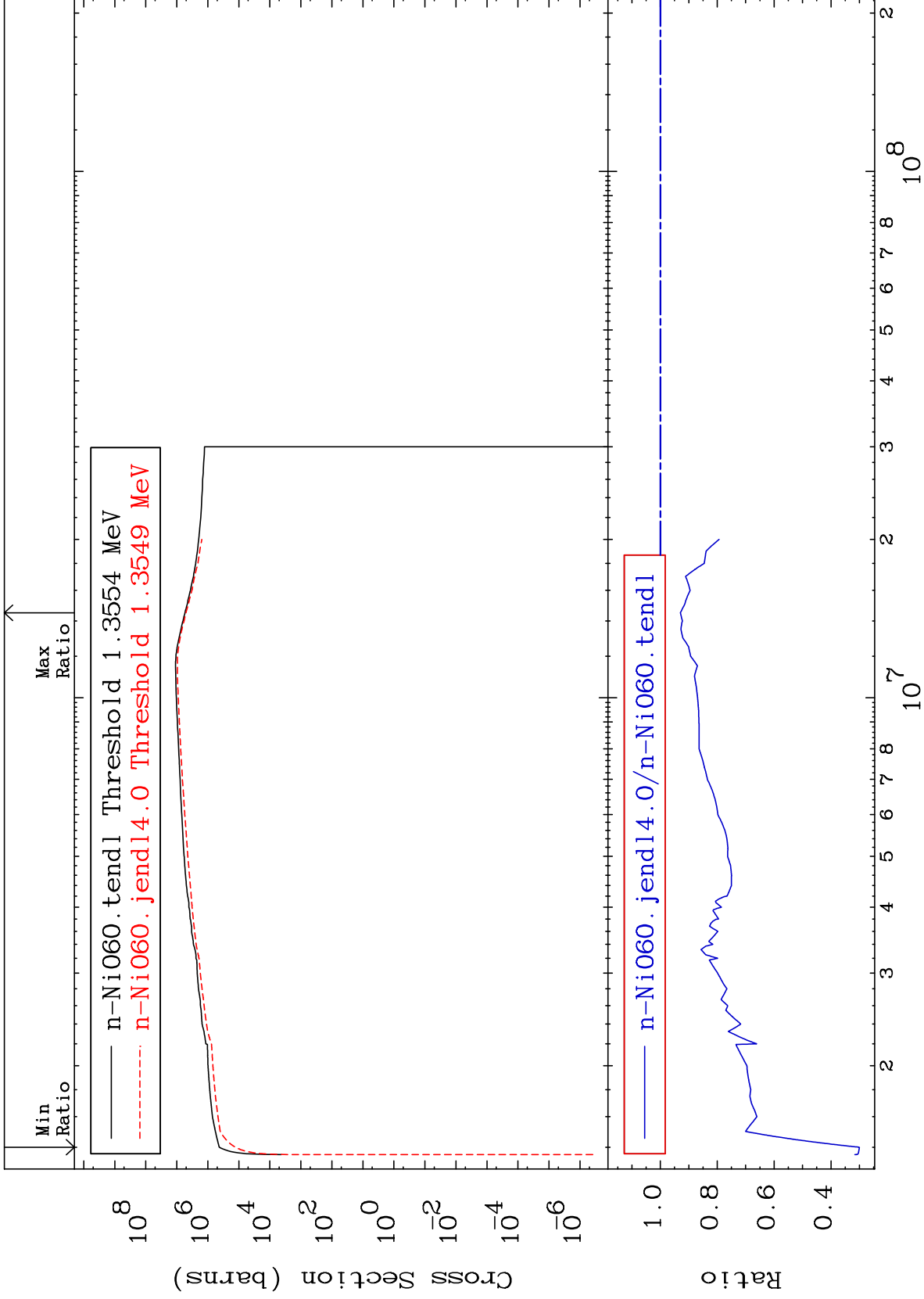
MAT 2831

Kerma elastic
Cross Section

28-Ni-60
-89.63 To 6846. %



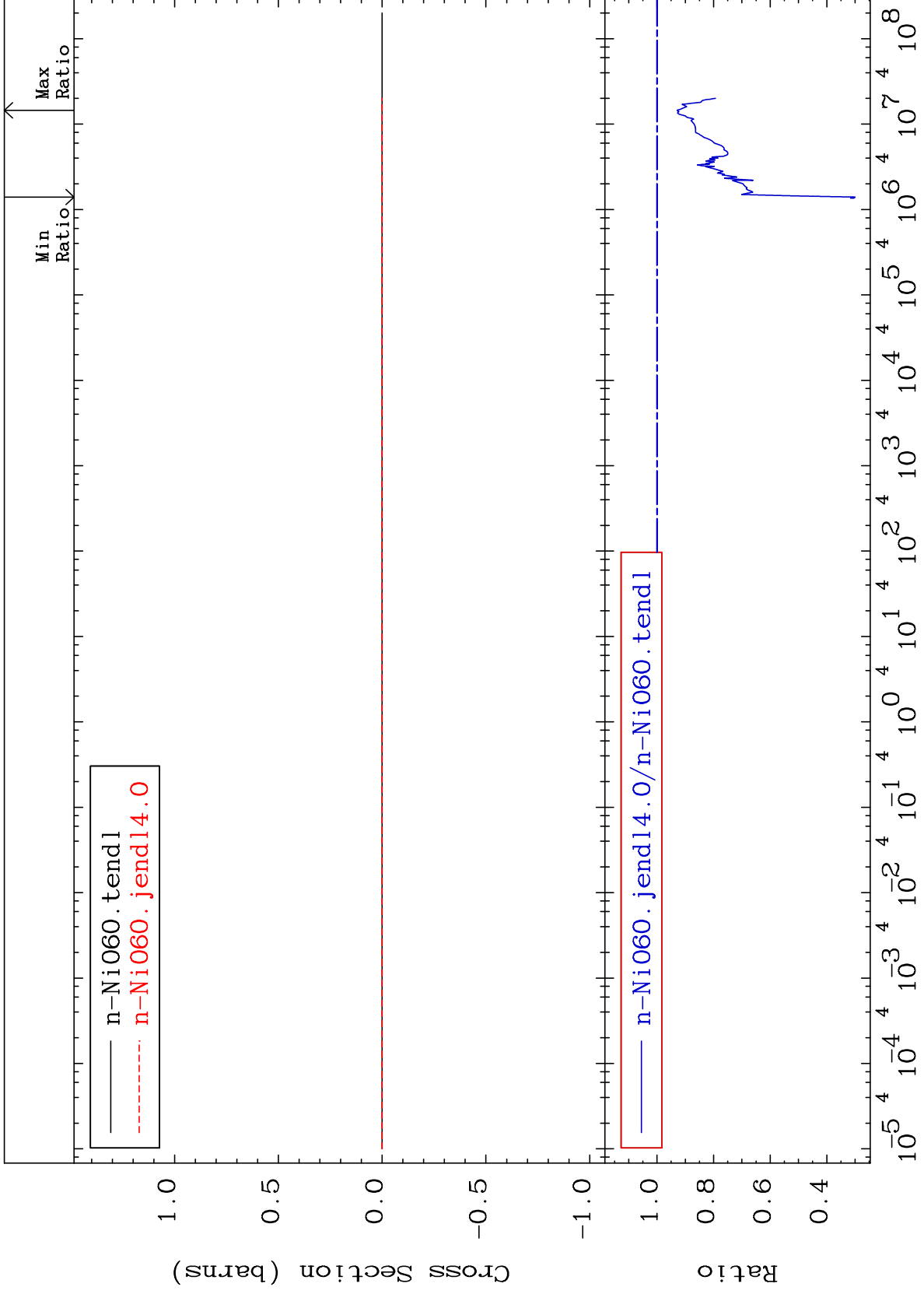




MAT 2831

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

28-Ni-60
-70.00 To -7.040%



35

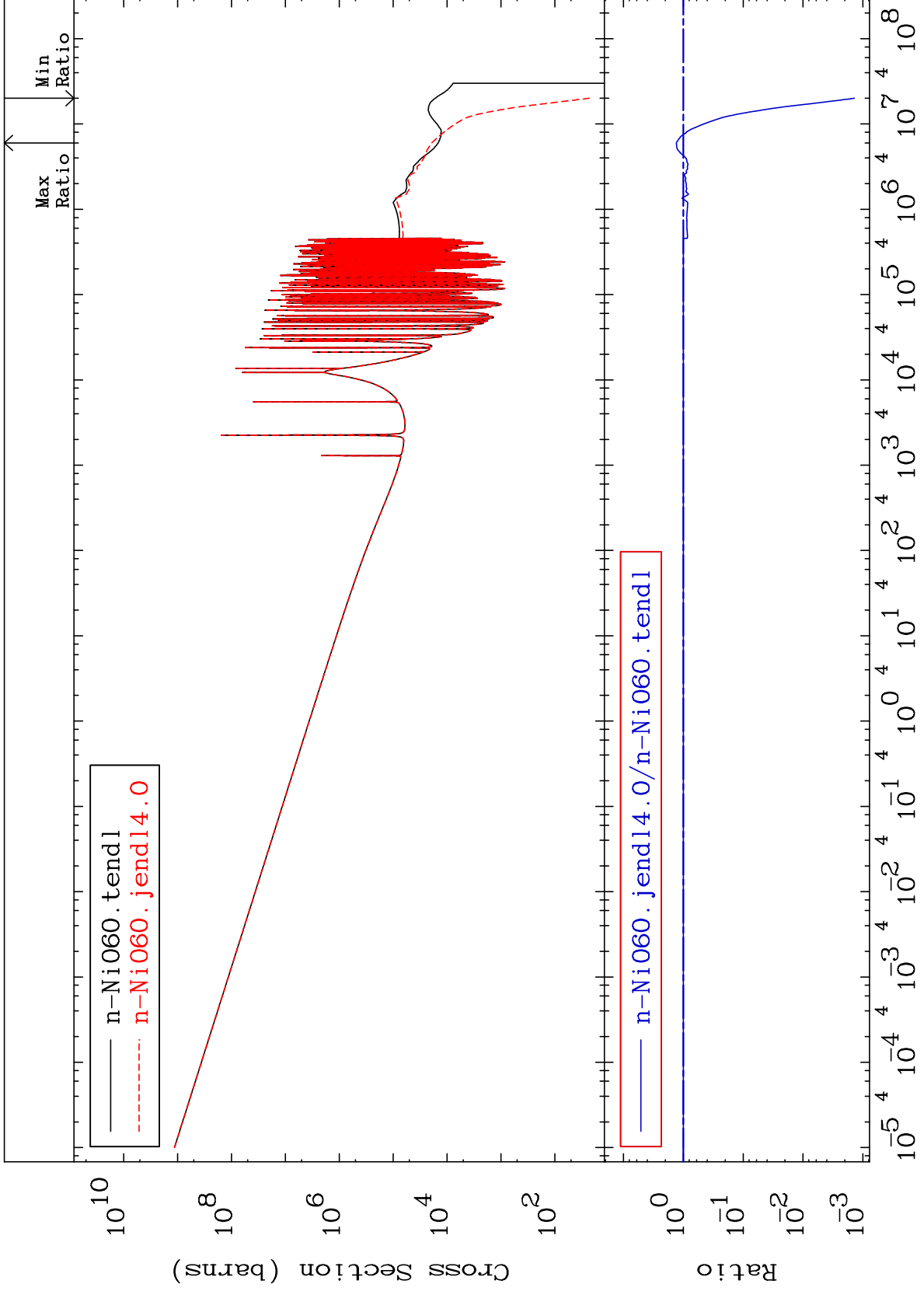
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma capture (mt102)
Cross Section

28-Ni-60
-99.86 To 30.82 %



36

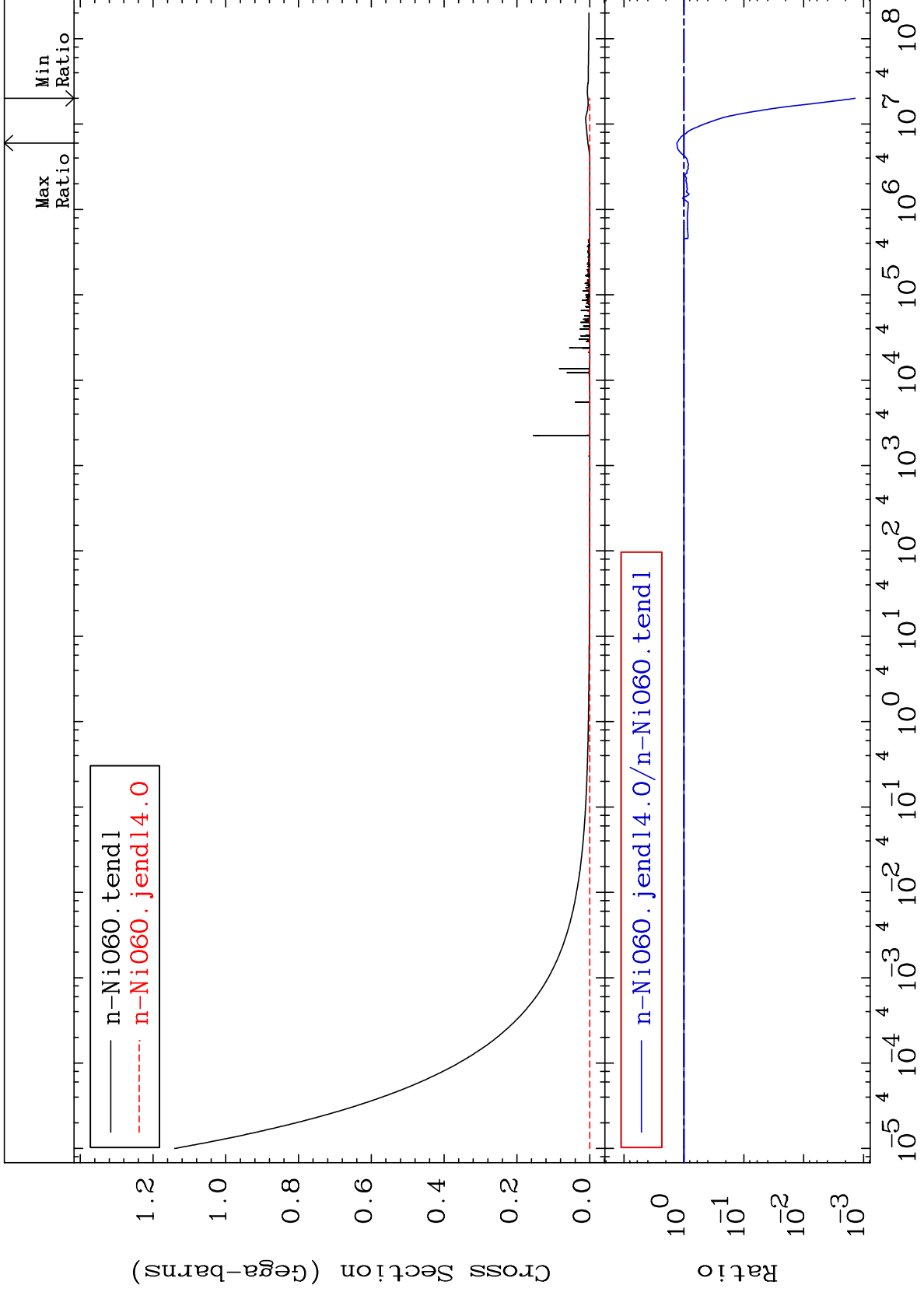
Incident Energy (eV)

28-Ni-60

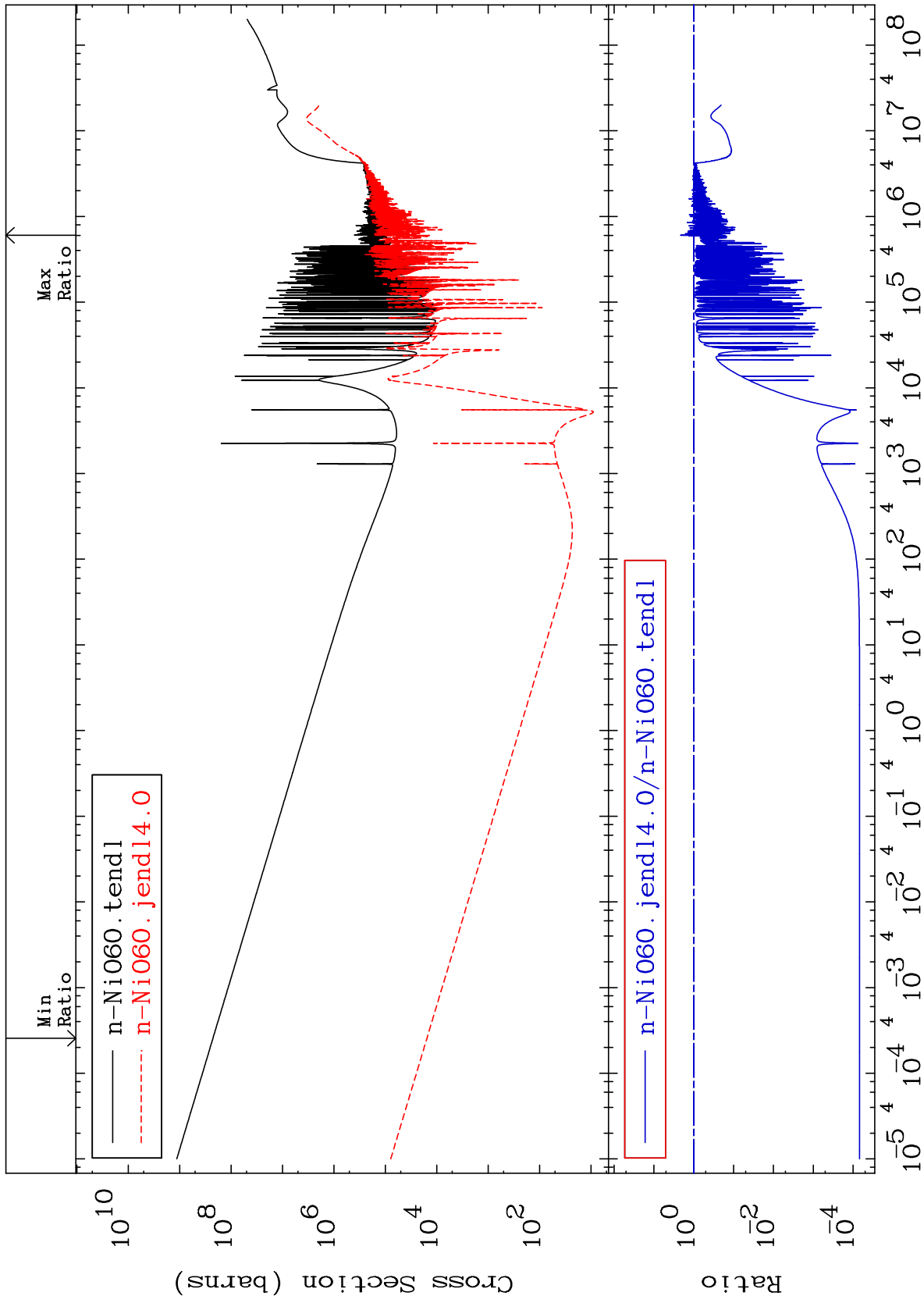
MAT 2831

Total photon (eV-barns)
Cross Section

28-Ni-60
-99.86 To 30.82 %



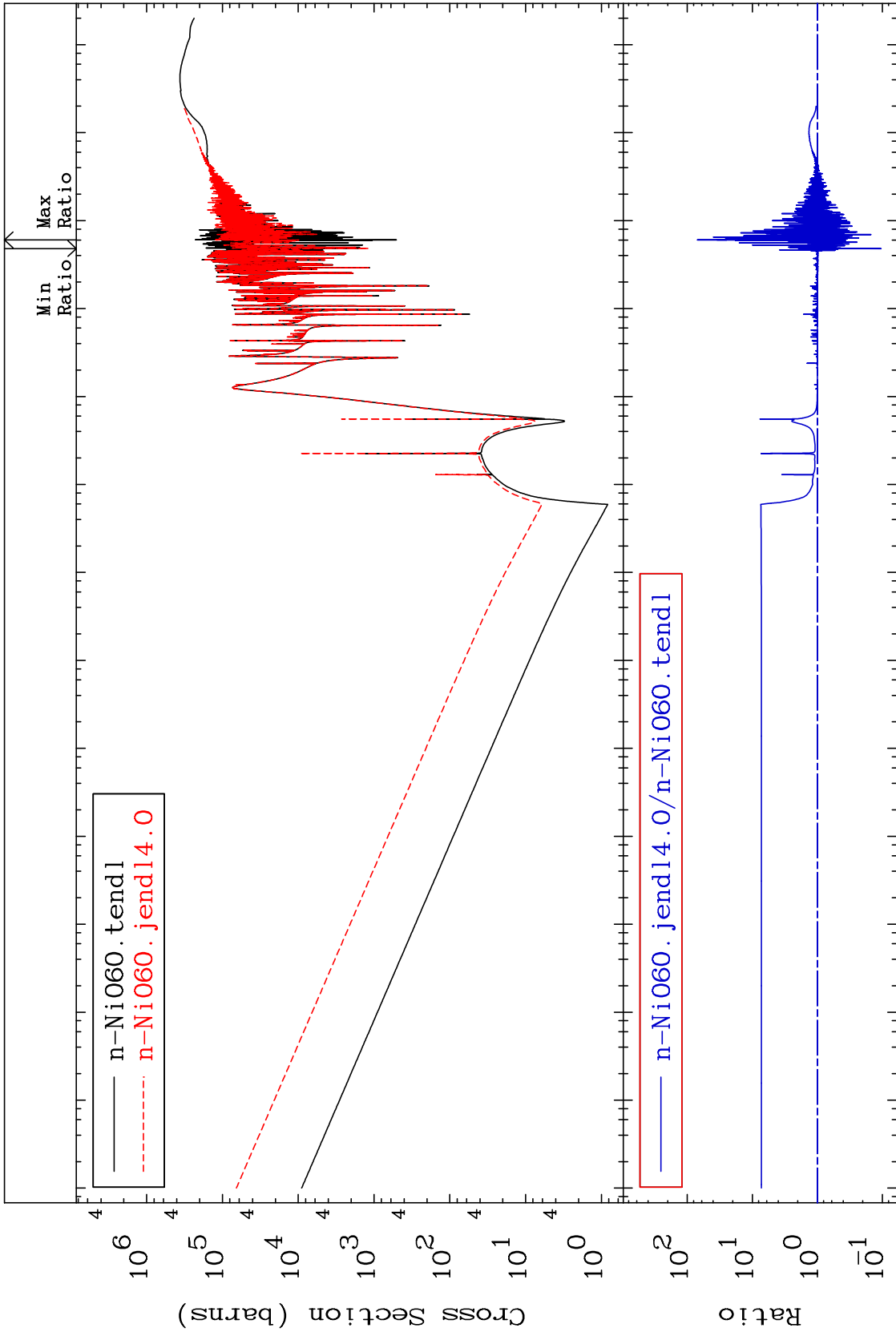
MAT 2831 Total kinematic kerma (high limit) 28-Ni-60
 Cross Section -99.99 To 111.7 %

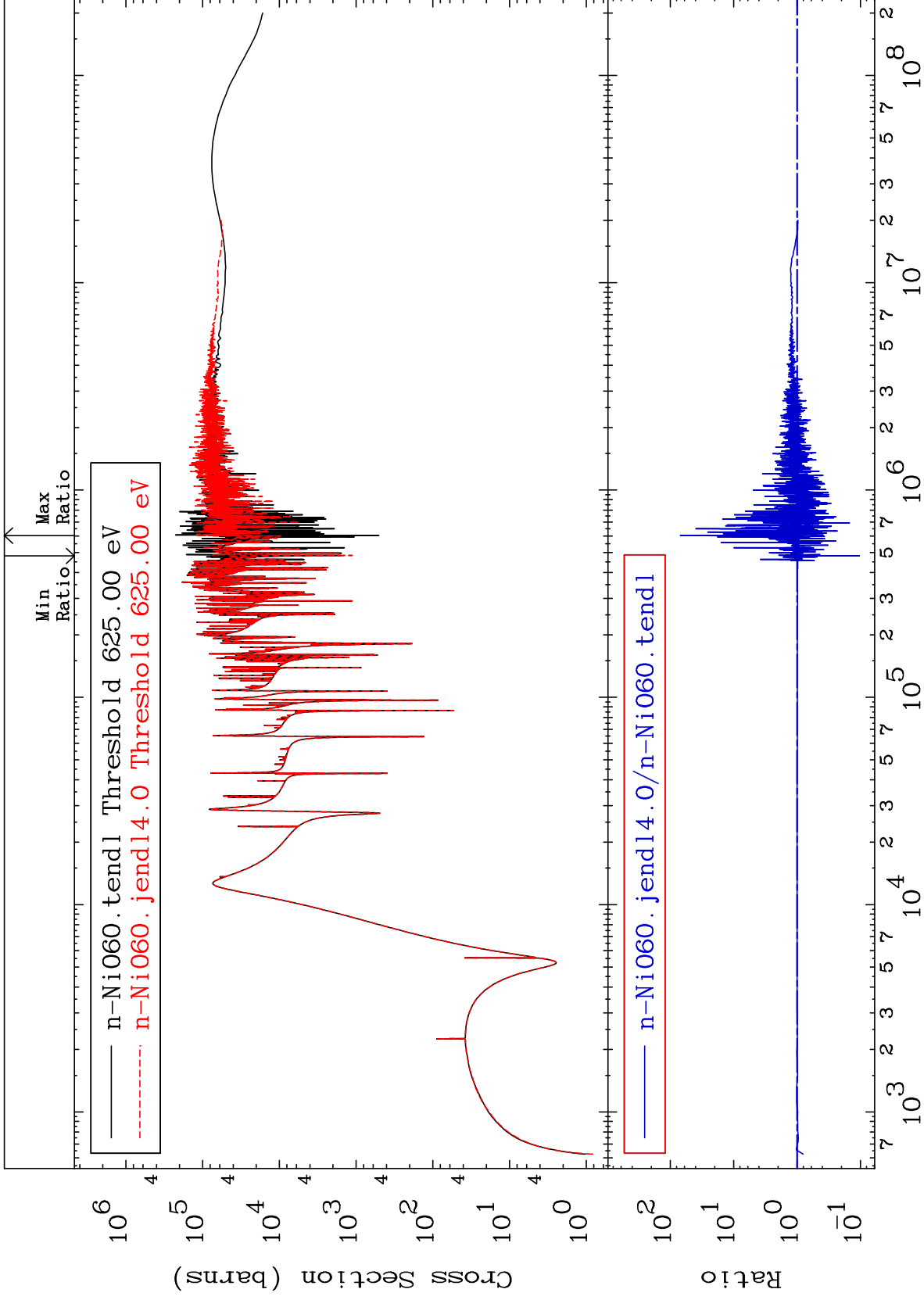


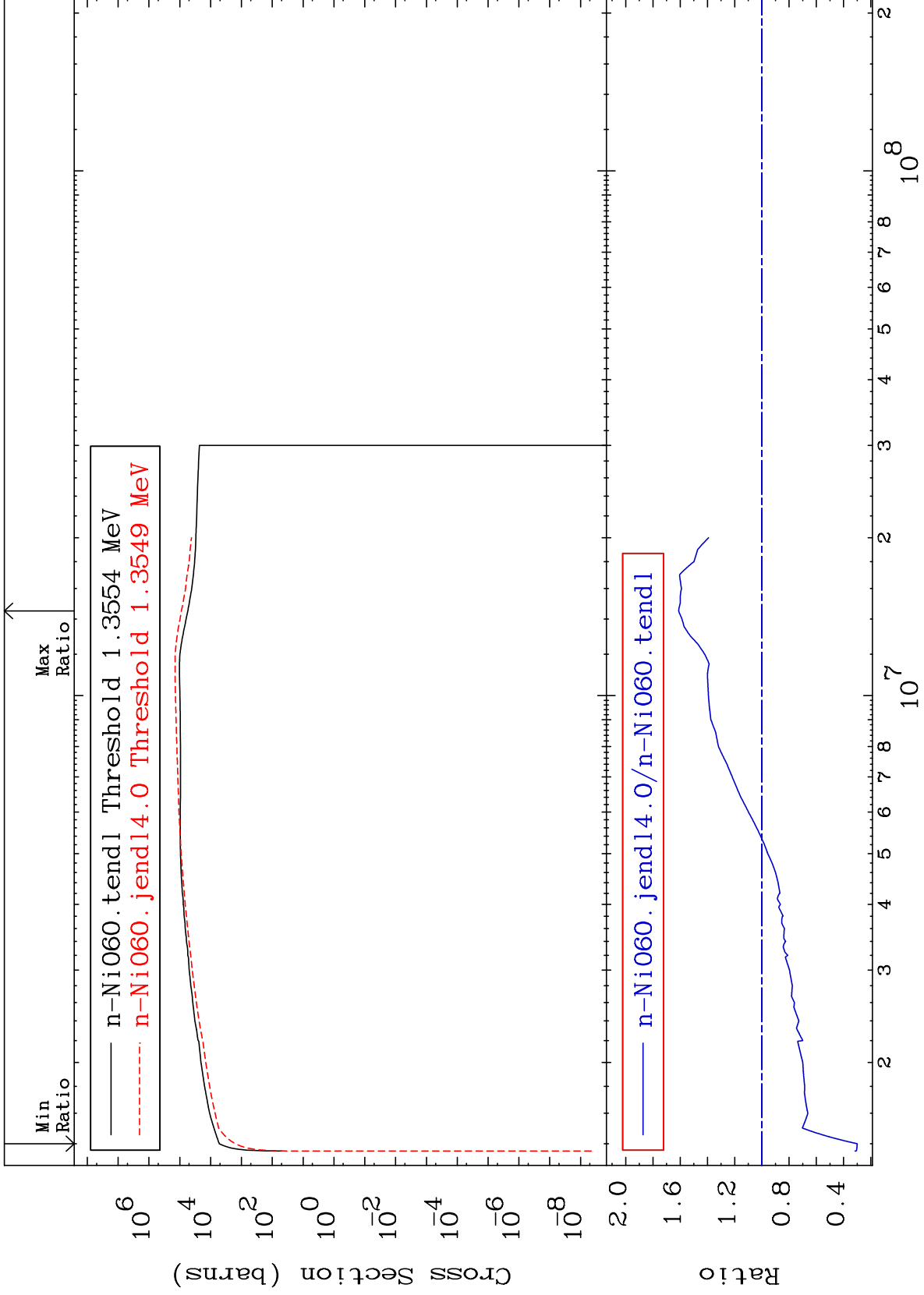
MAT 2831

Dpa total (eV-barns)
Cross Section

28-Ni-60
-89.54 To 6862. %



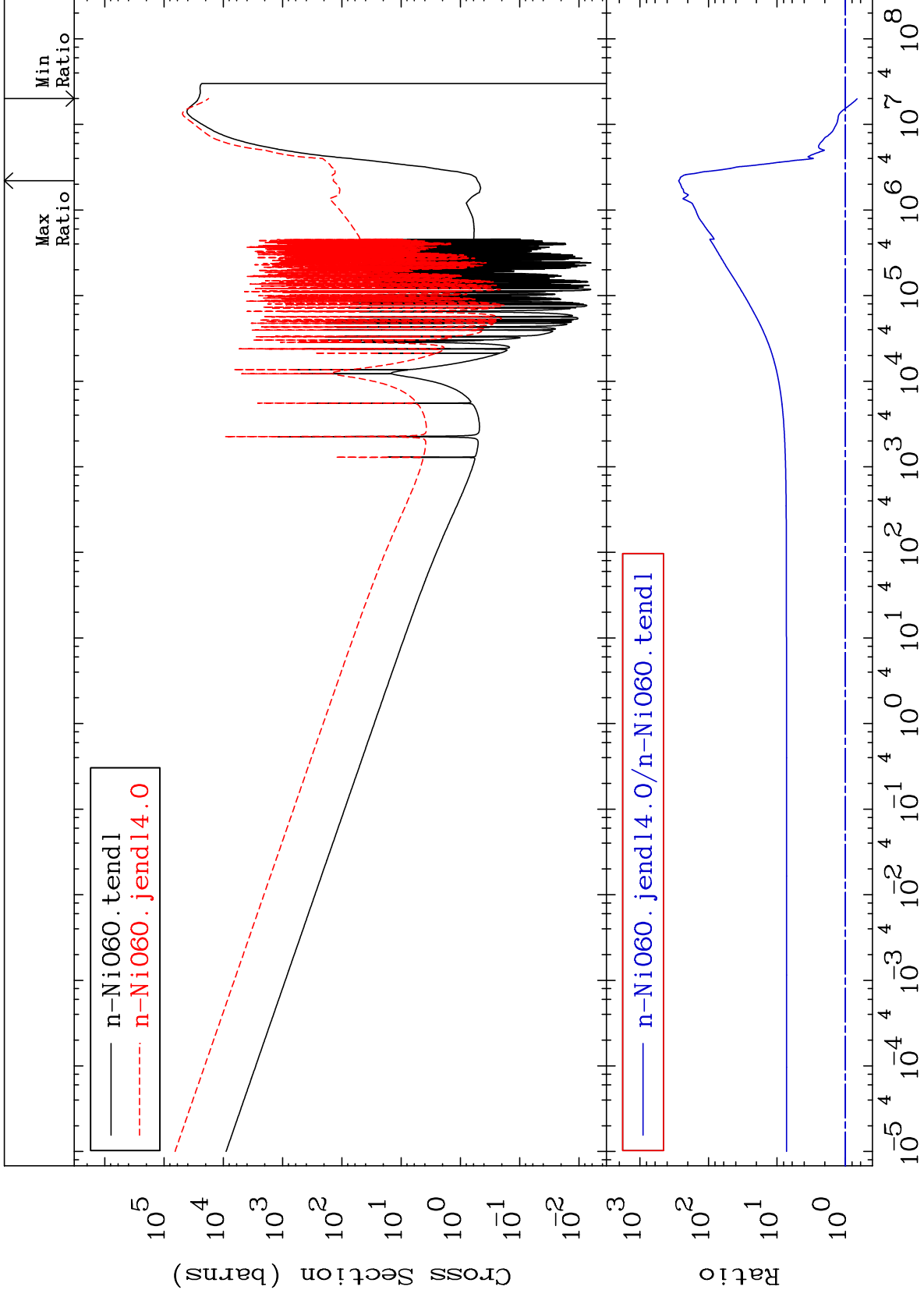




MAT 2831

Dpa disappearance (mt102 -120)
Cross Section

28-Ni-60
-32.80 To 9999. %



42

Incident Energy (eV)

28-Ni-60