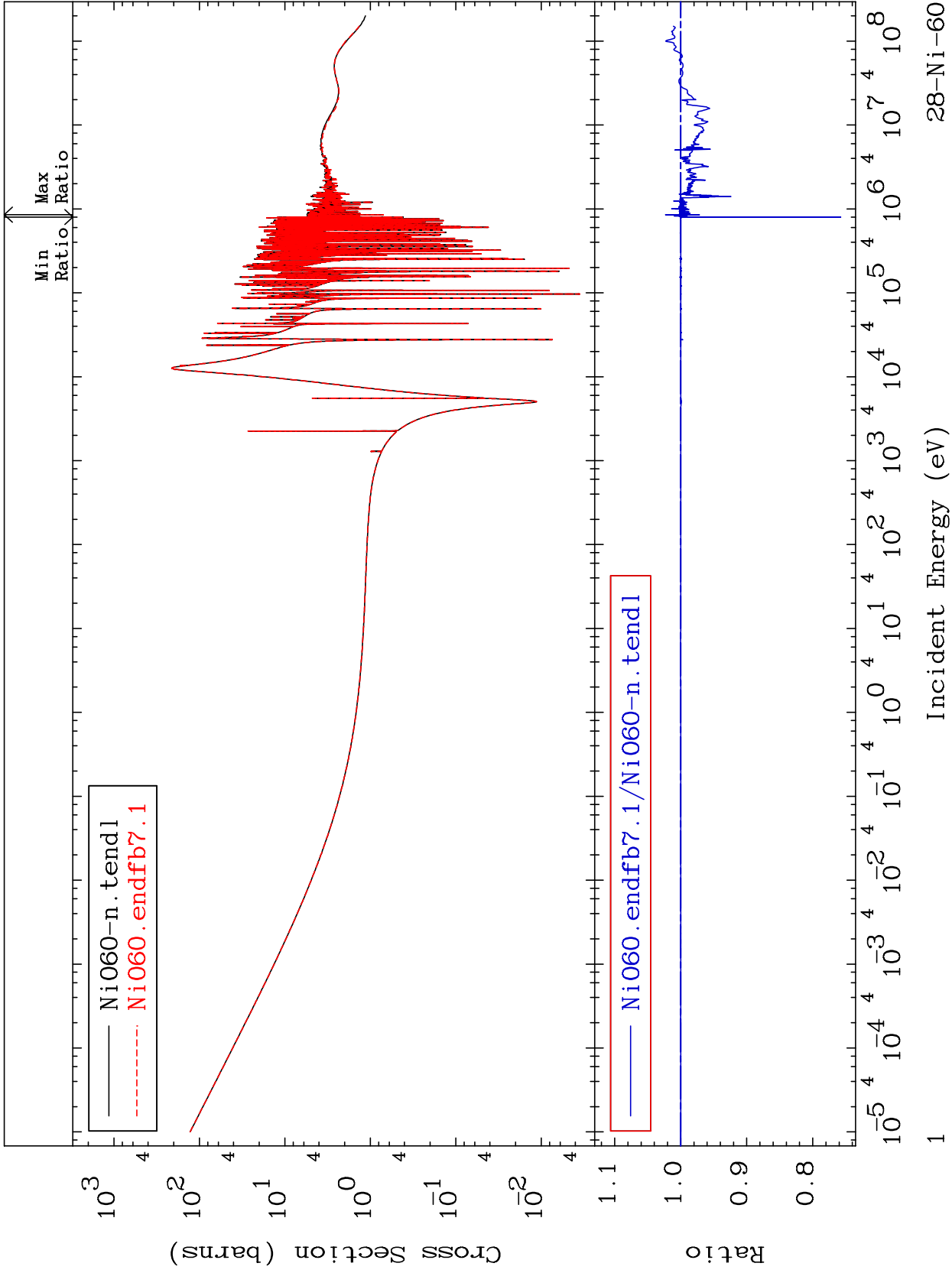


MAT 2831

Total  
Cross Section

28-Ni-60  
-24.23 To 2.304 %



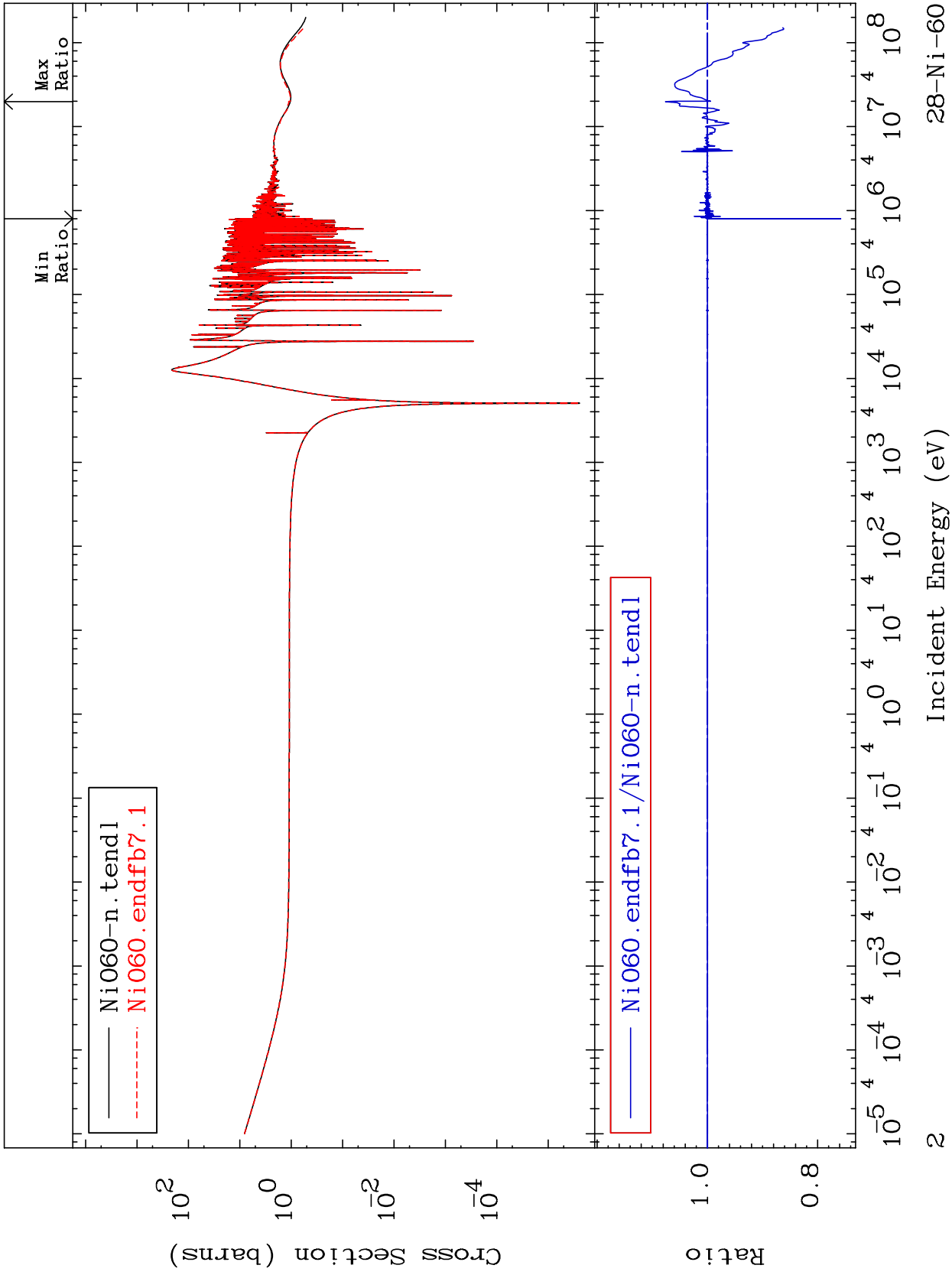
28-Ni-60

Incident Energy (eV)

MAT 2831

Elastic  
Cross Section

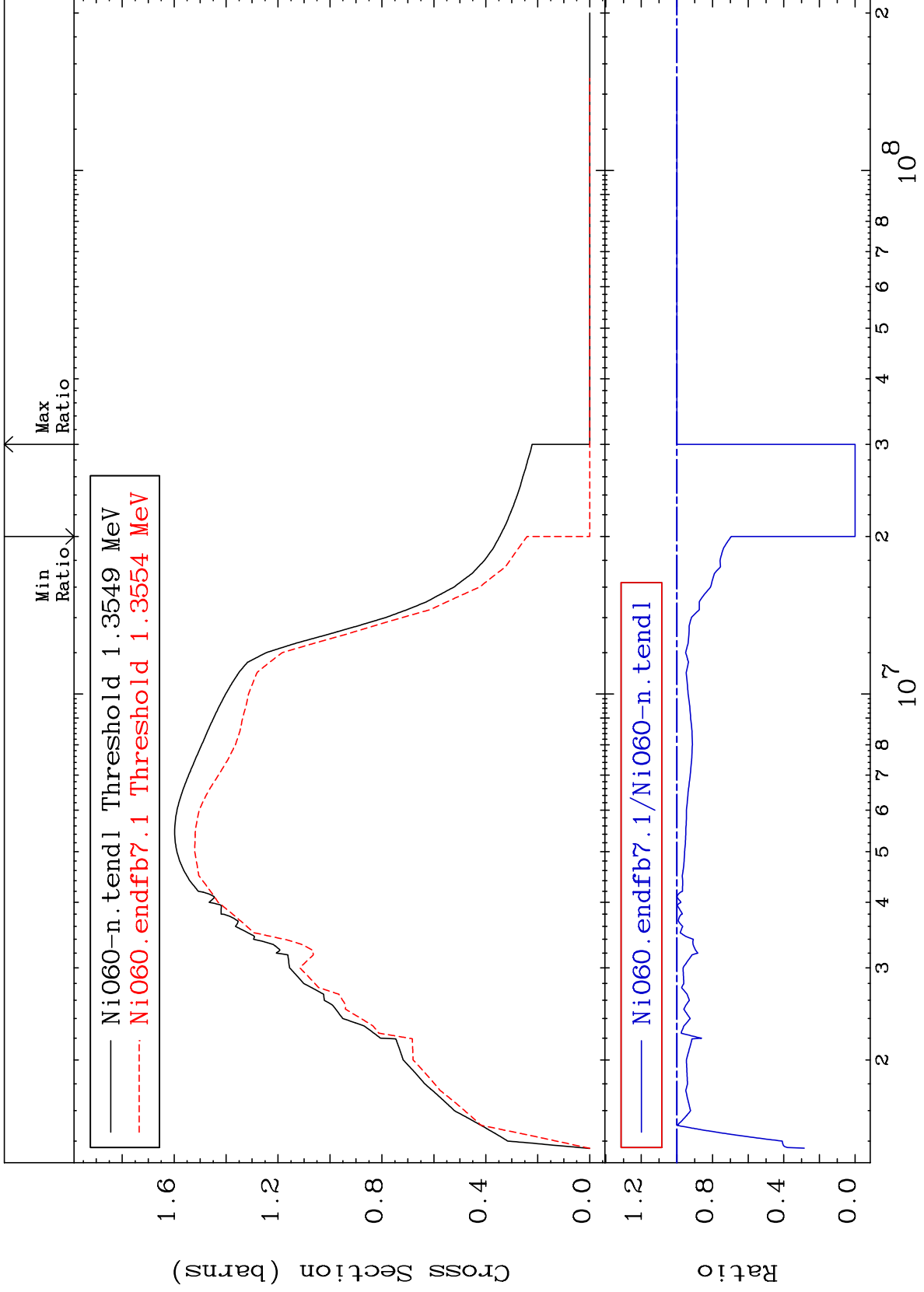
28-Ni-60  
-24.19 To 7.599 %



MAT 2831

Inelastic  
Cross Section

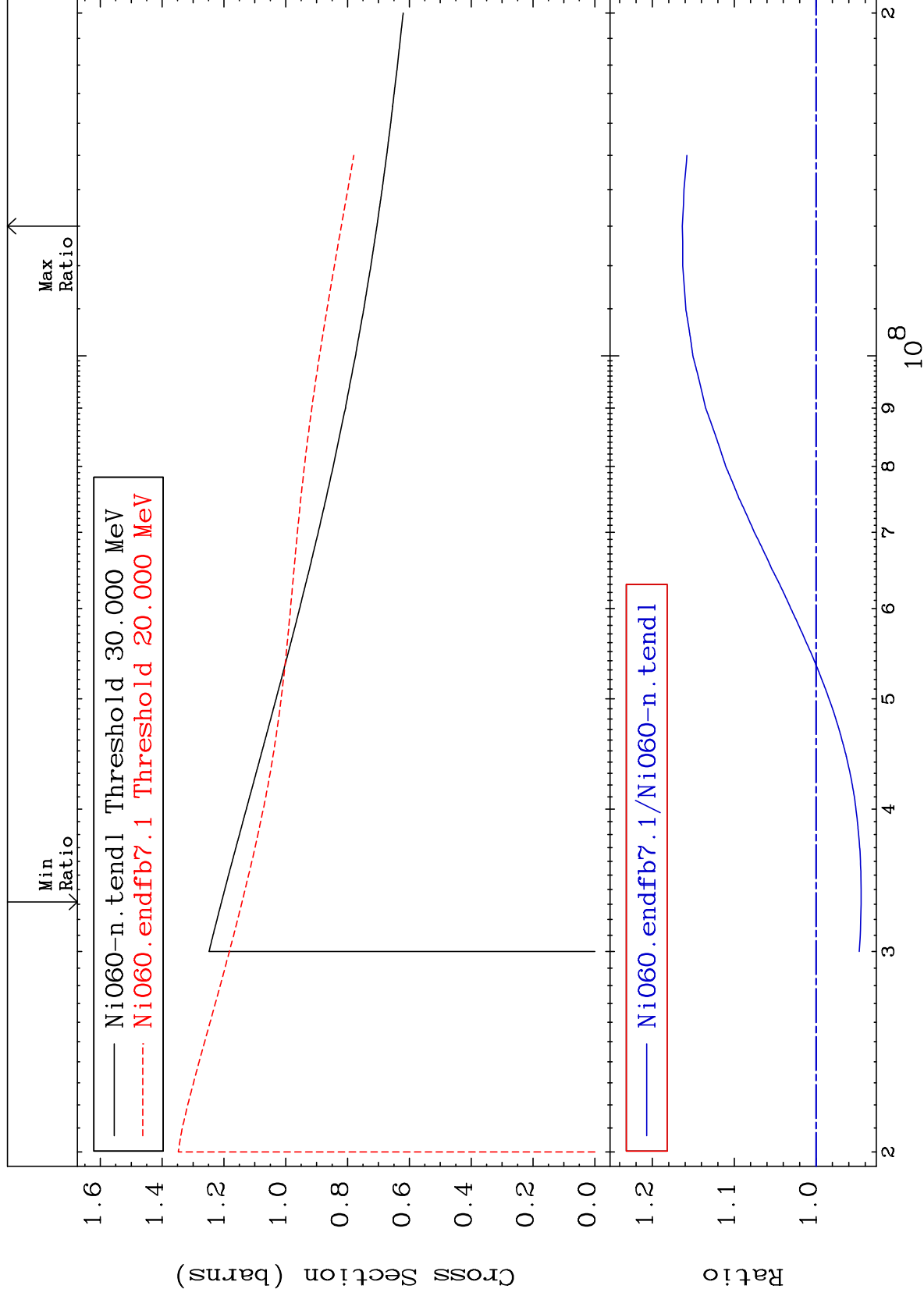
28-Ni-60  
-100.0 To 0.000 %



MAT 2831

(n, remainder)  
Cross Section

28-Ni-60  
-5.499 To 16.34 %



4

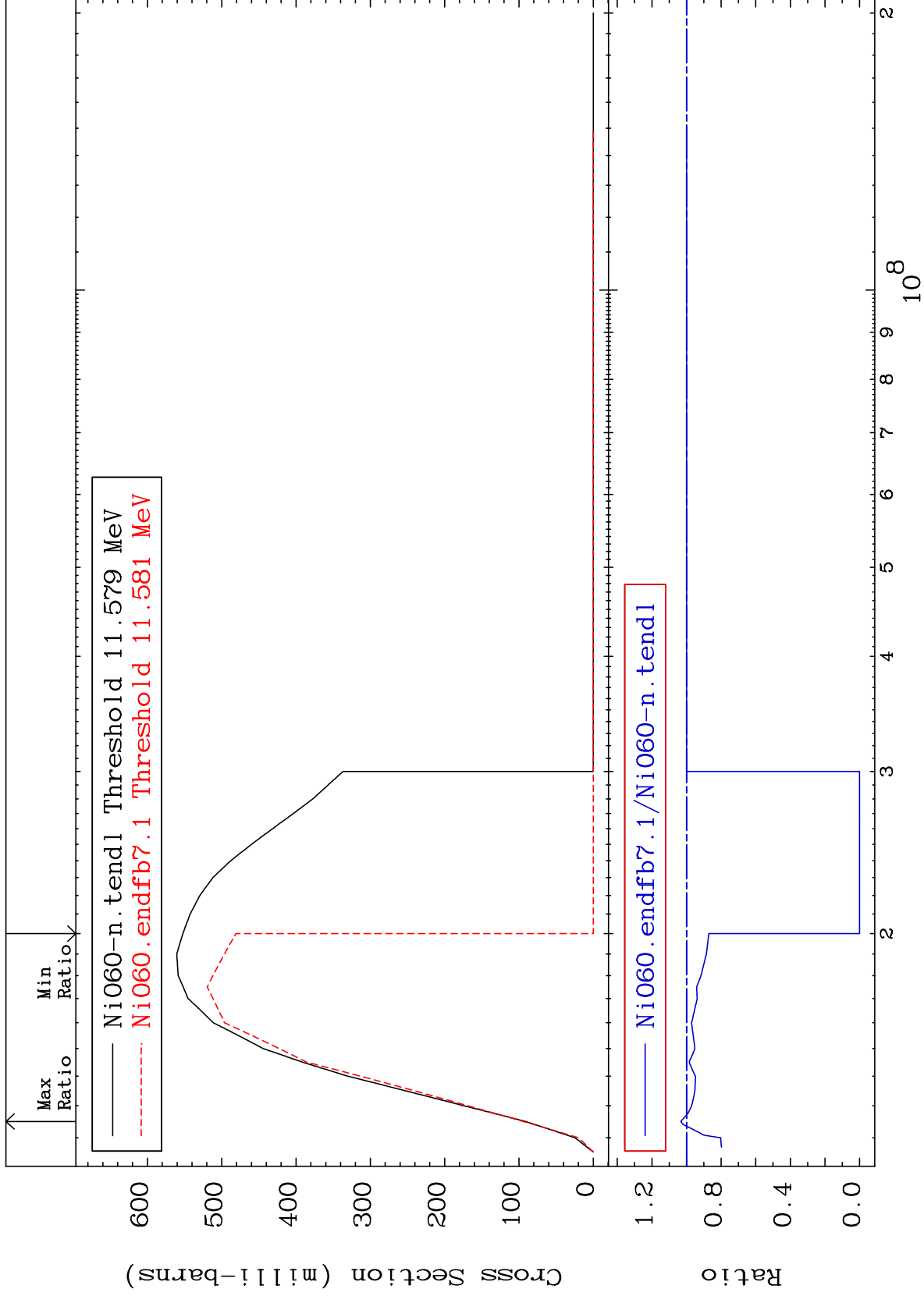
Incident Energy (eV)

28-Ni-60

MAT 2831

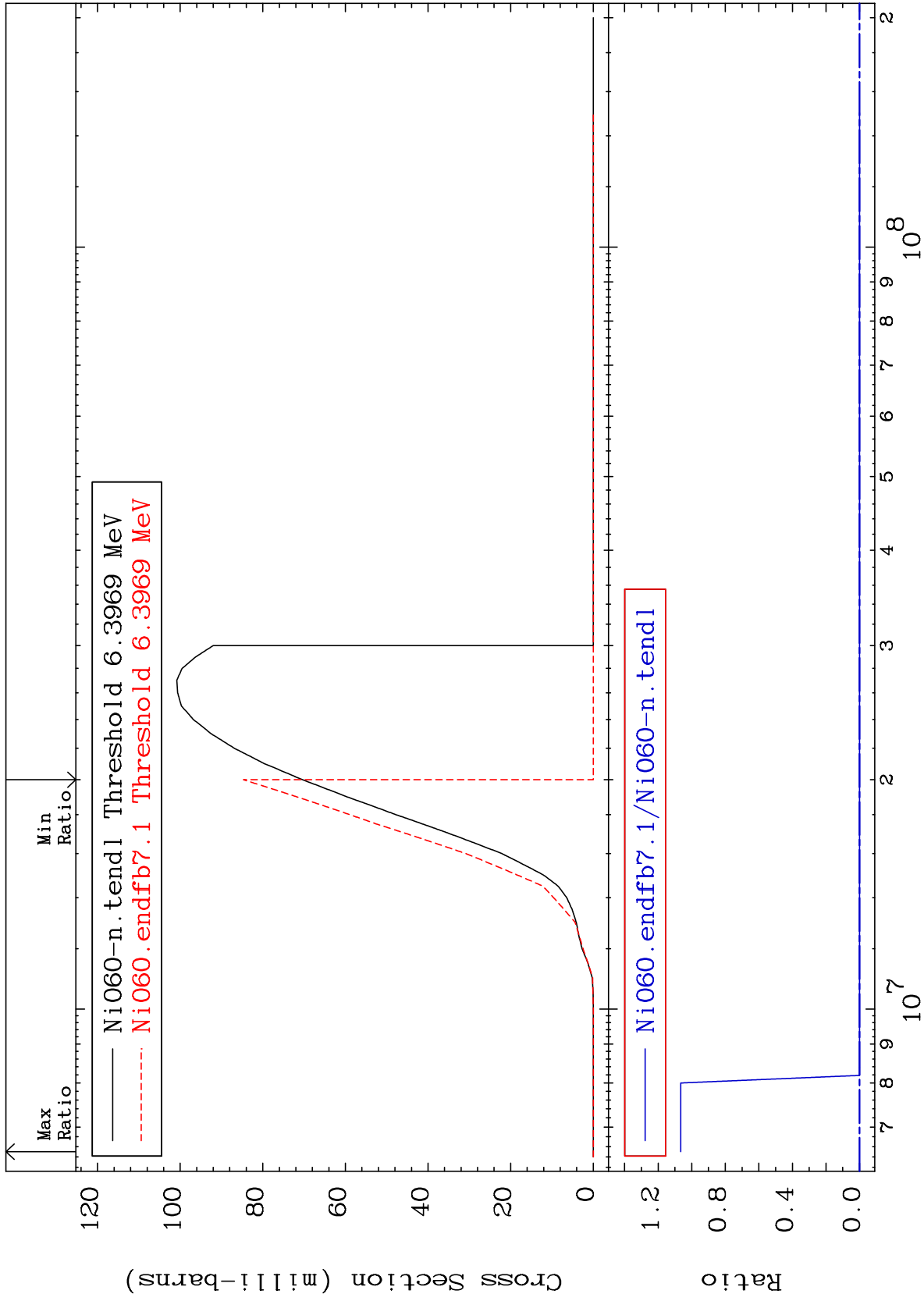
(n,2n)  
Cross Section

28-Ni-60  
-100.0 To 3.324 %



MAT 2831

(n,n')  $\alpha$   
Cross Section  
28-Ni-60  
-100.0 To 9999. %



6

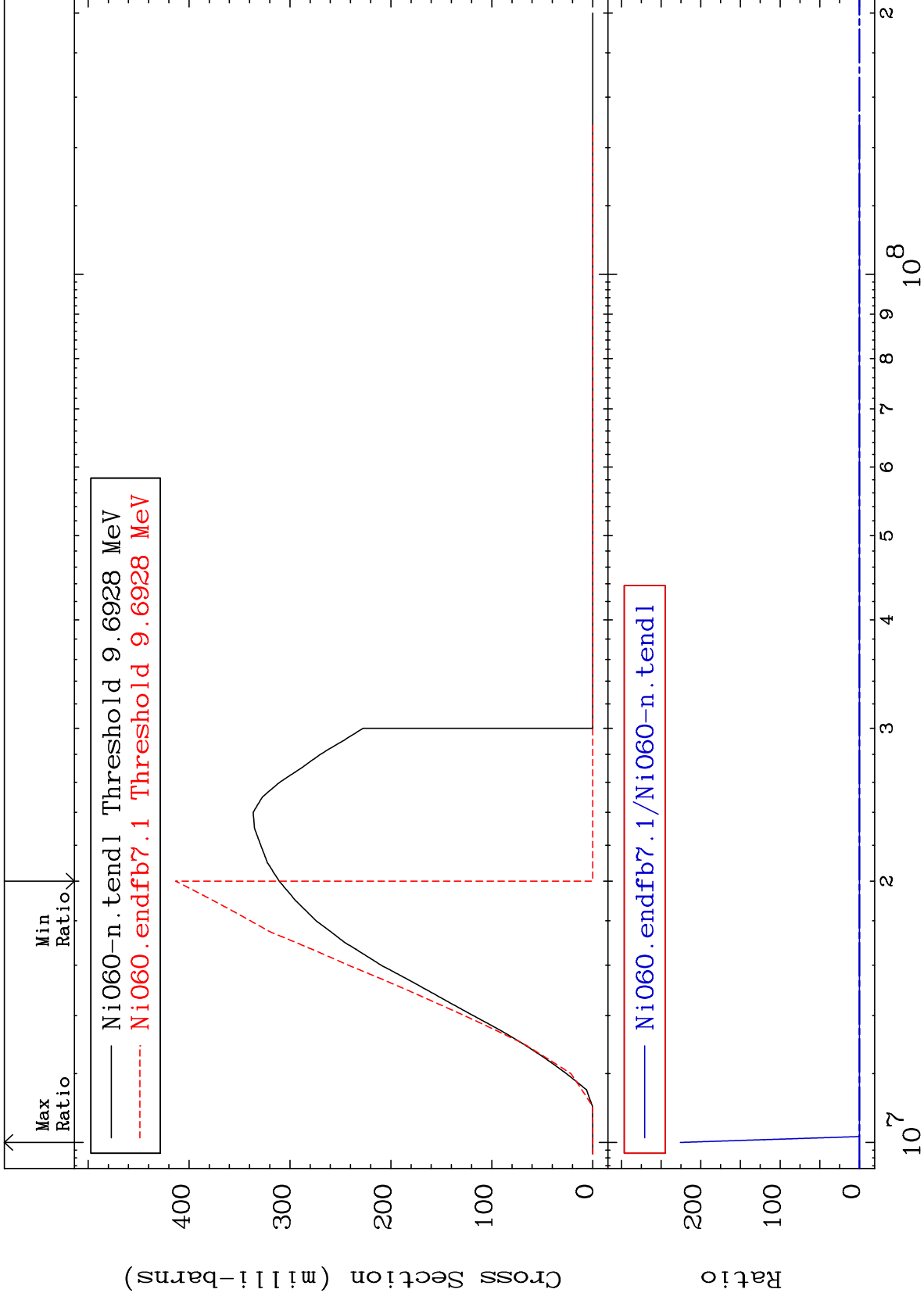
Incident Energy (eV)

28-Ni-60

MAT 2831

(n,n') p  
Cross Section

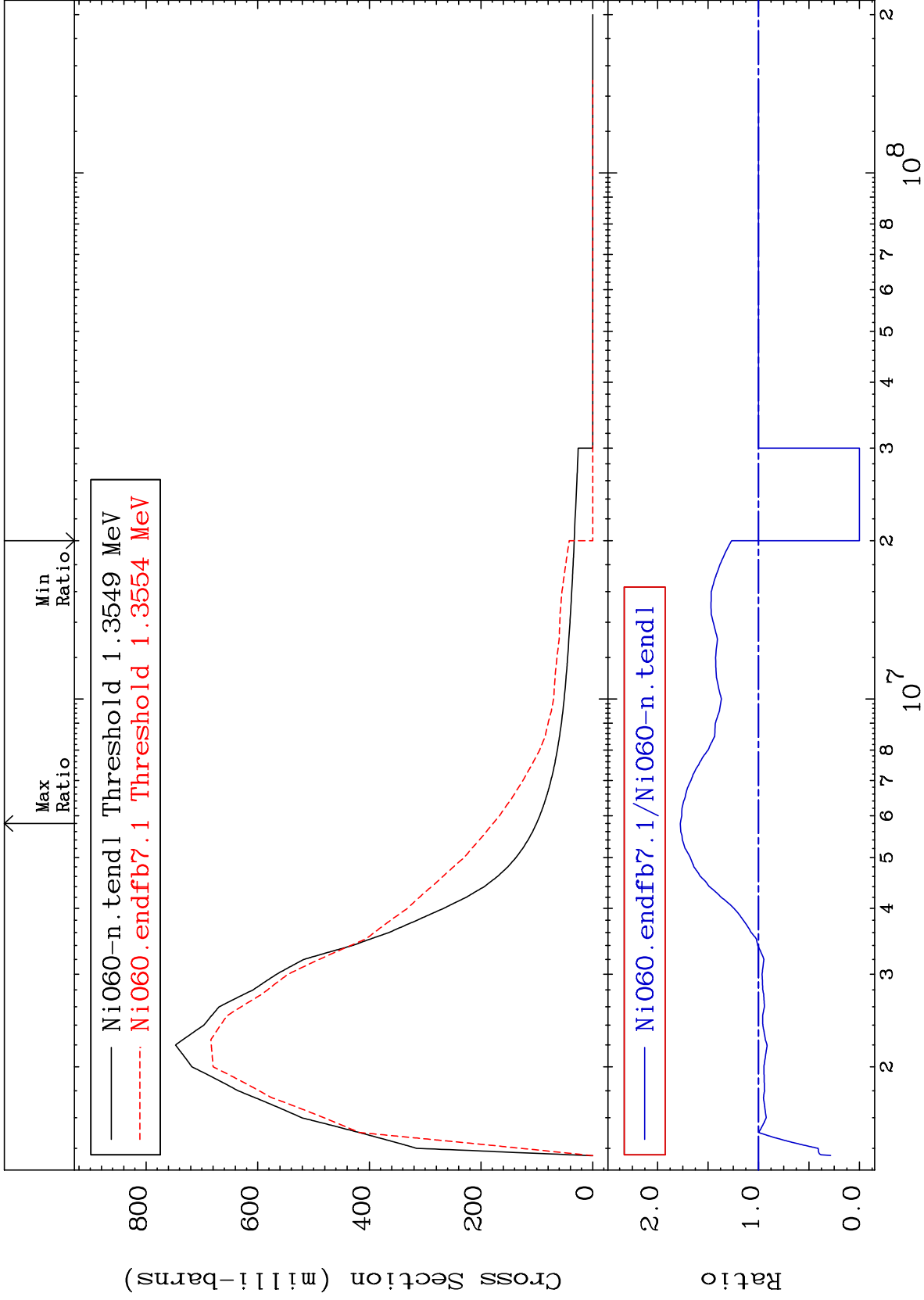
28-Ni-60  
-100.0 To 9999. %



MAT 2831

1.333 MeV (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 77.39 %



8

Incident Energy (eV)

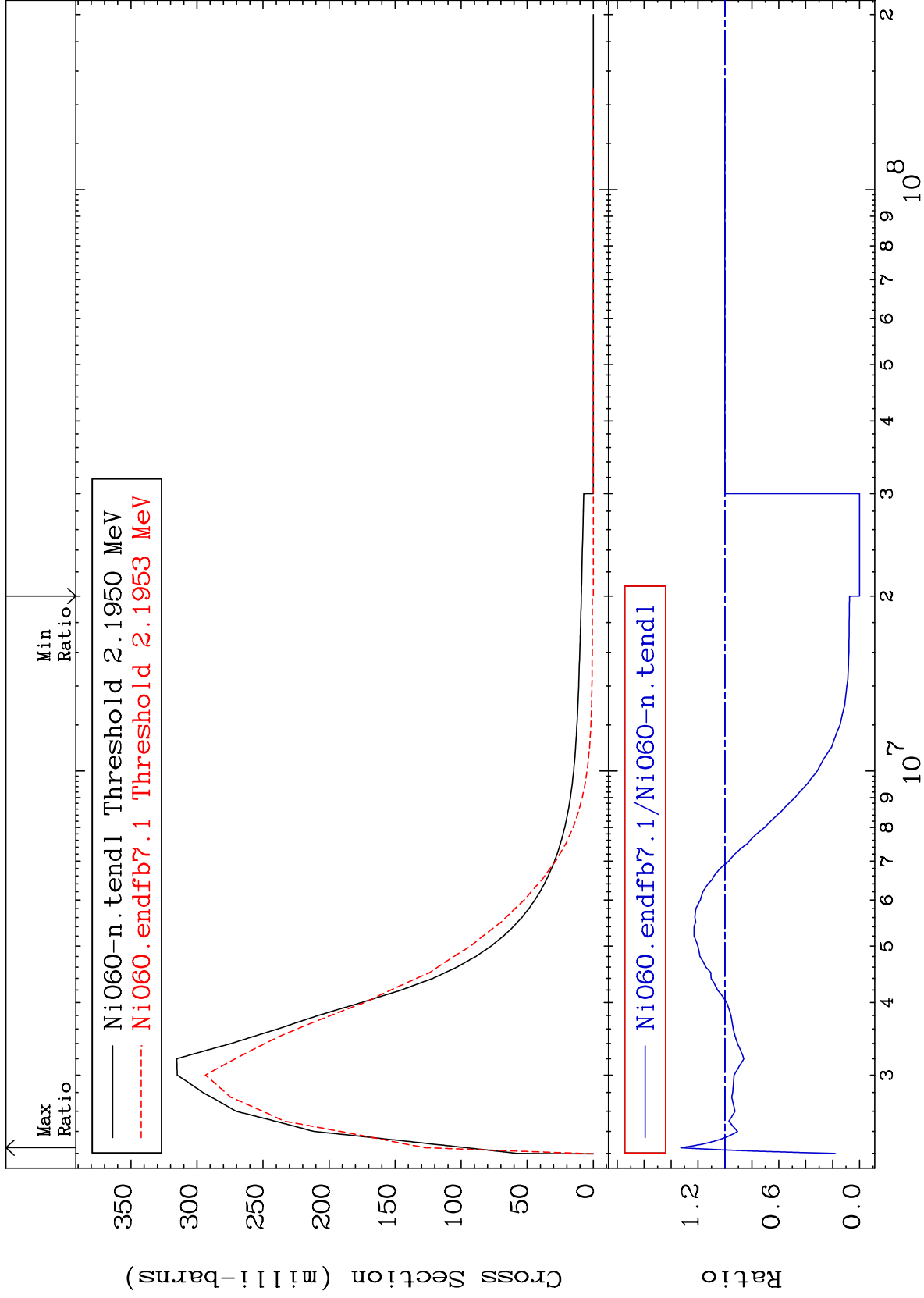
28-Ni-60



MAT 2831

2.159 MeV (n,n') Level  
Cross Section

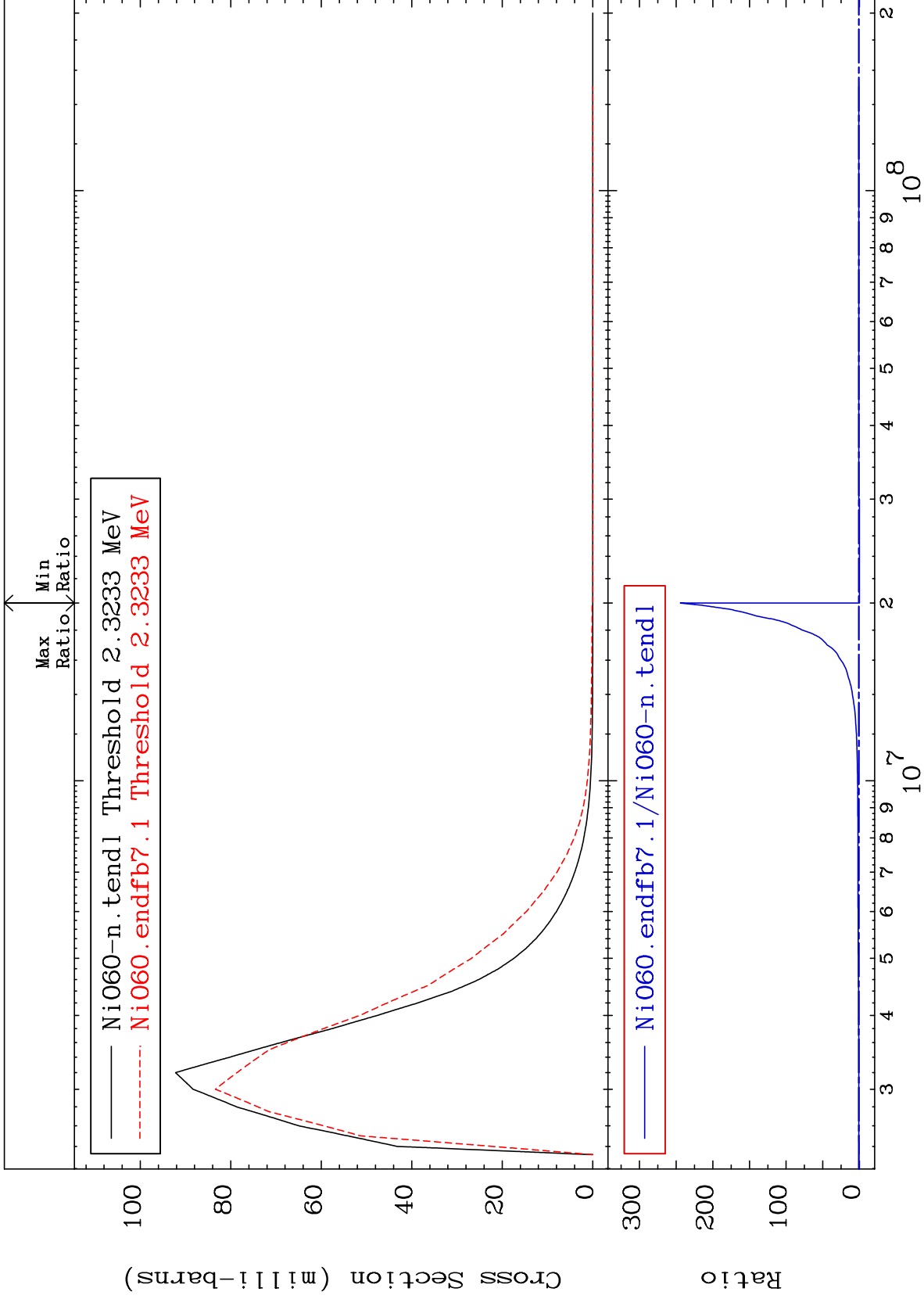
28-Ni-60  
-100.0 To 32.82 %



MAT 2831

2.285 MeV (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 9999. %



10

Incident Energy (eV)

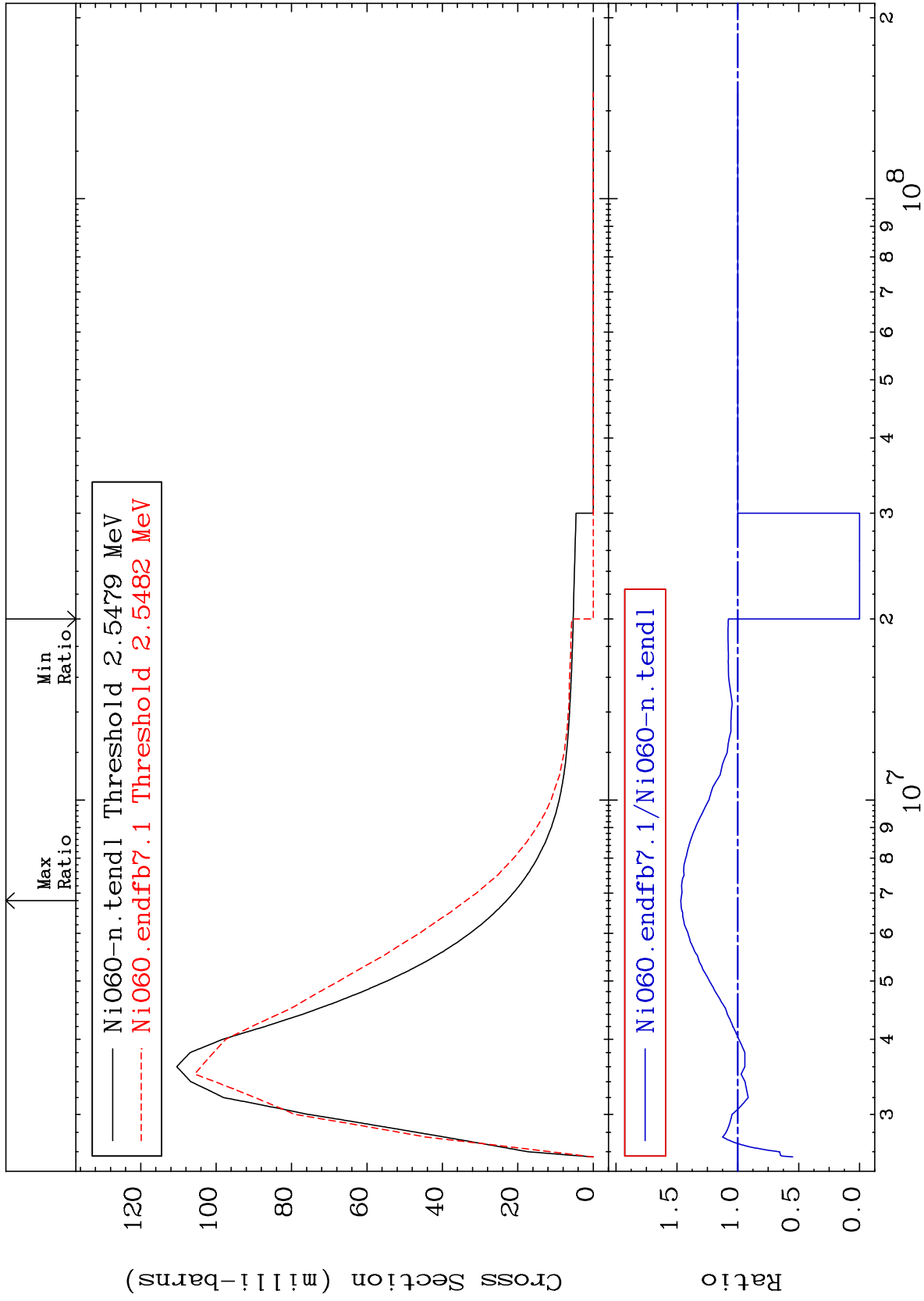
28-Ni-60

MAT 2831

2.506 MeV (n,n') Level

<sup>28</sup>Ni-60

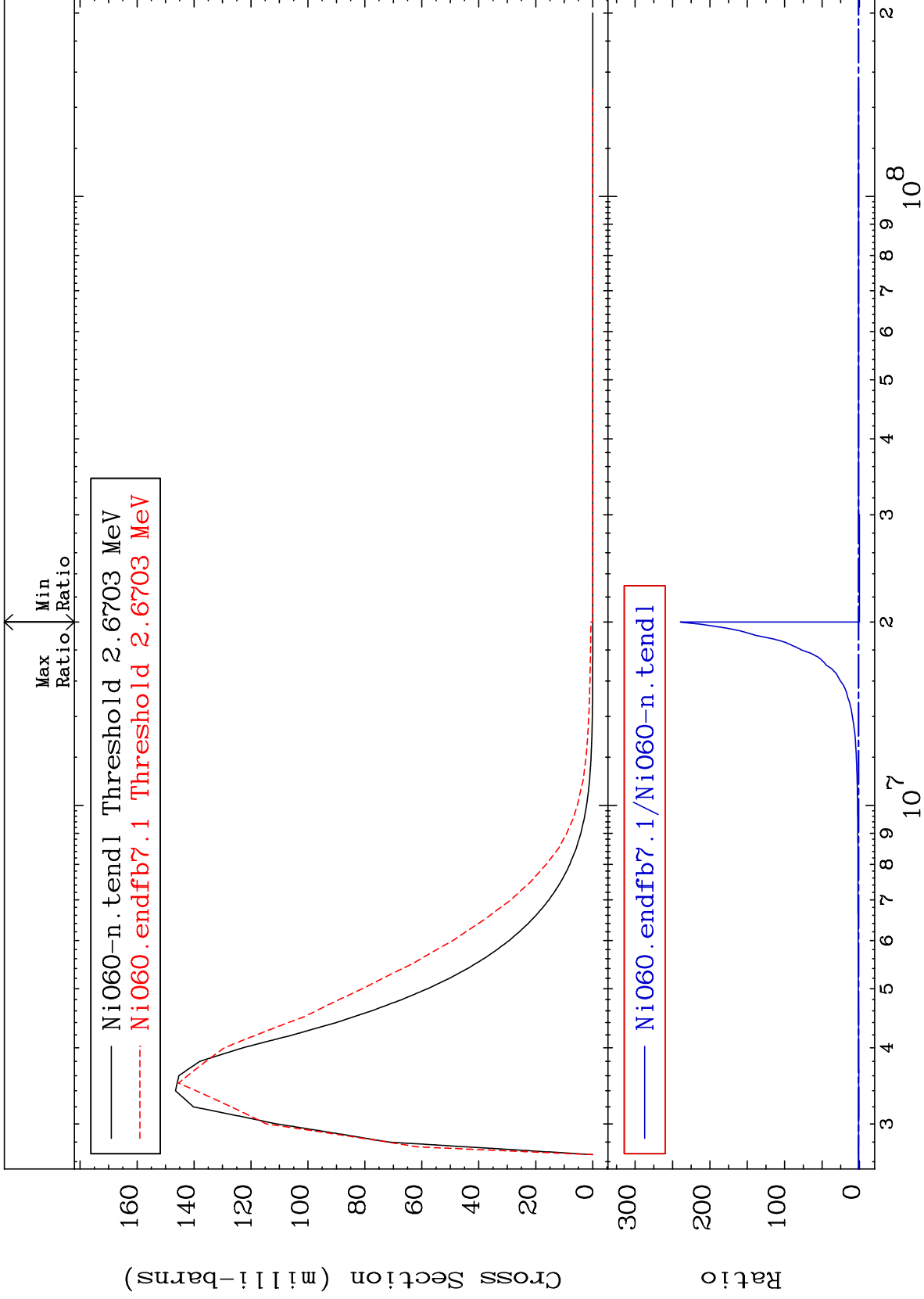
-100.0 To 46.81 %



MAT 2831

2.626 MeV (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 9999. %



12

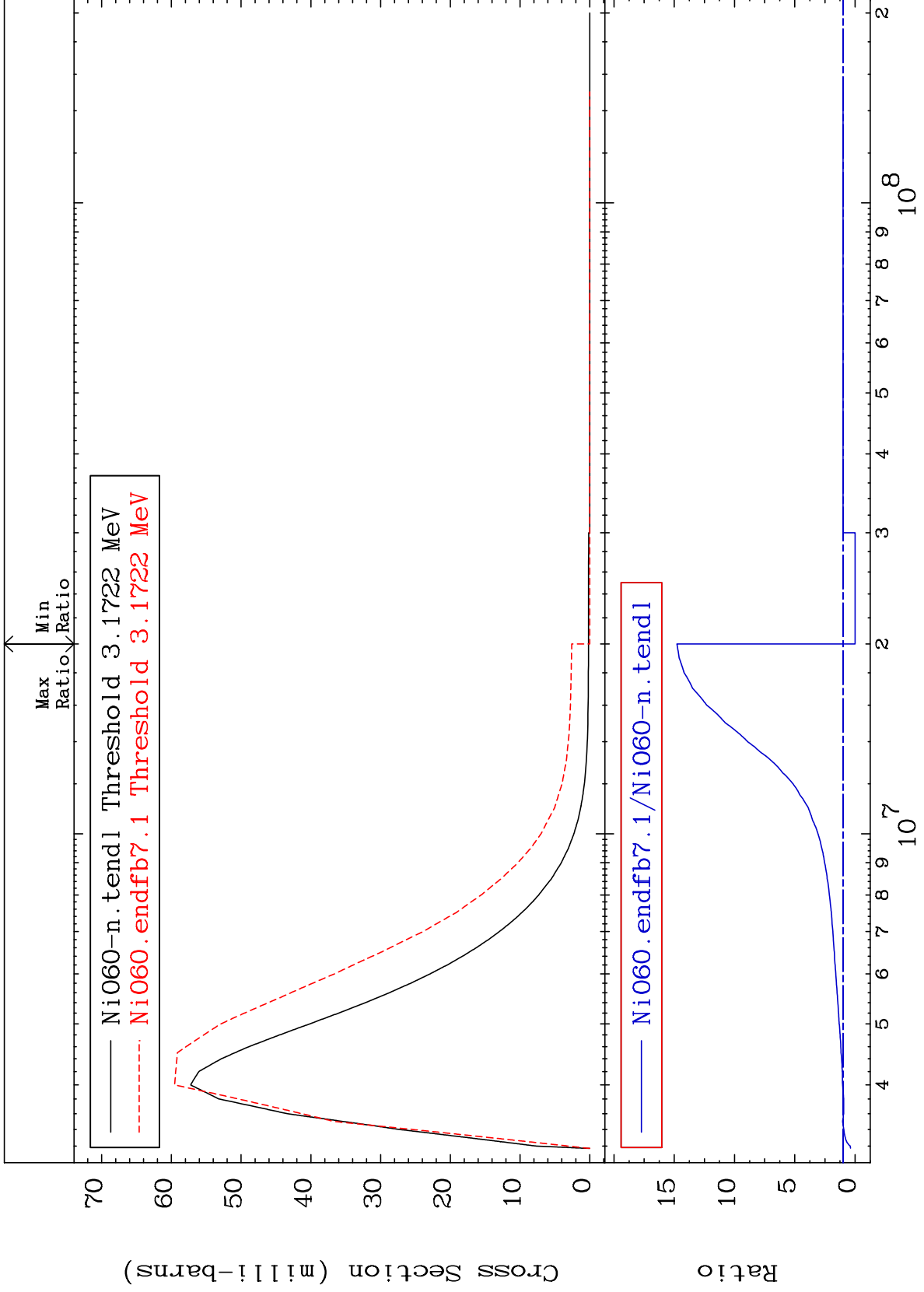
Incident Energy (eV)

28-Ni-60

MAT 2831

3.120 MeV (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 1378. %



13

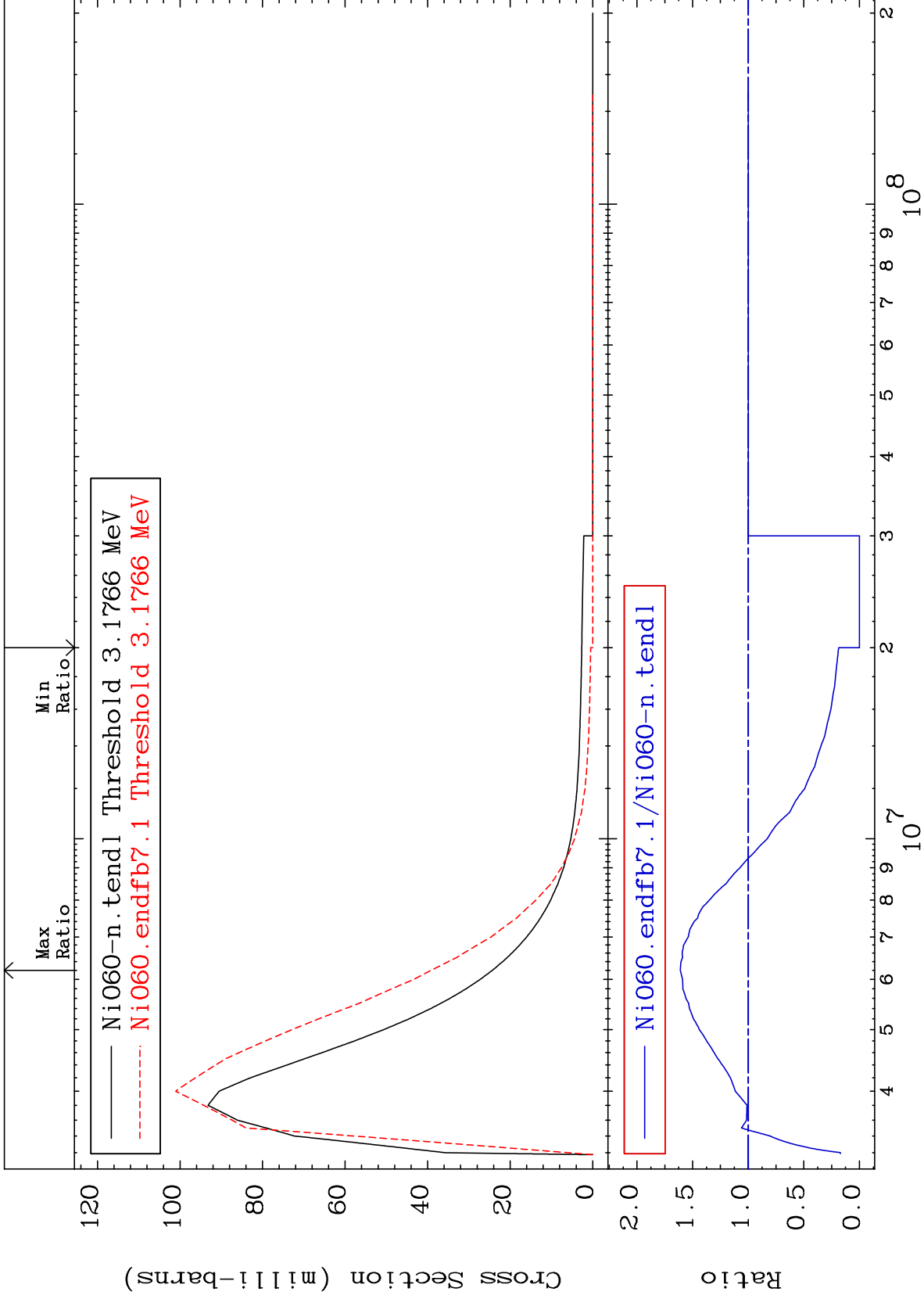
Incident Energy (eV)

28-Ni-60

MAT 2831

3.124 MeV (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 61.02 %



14

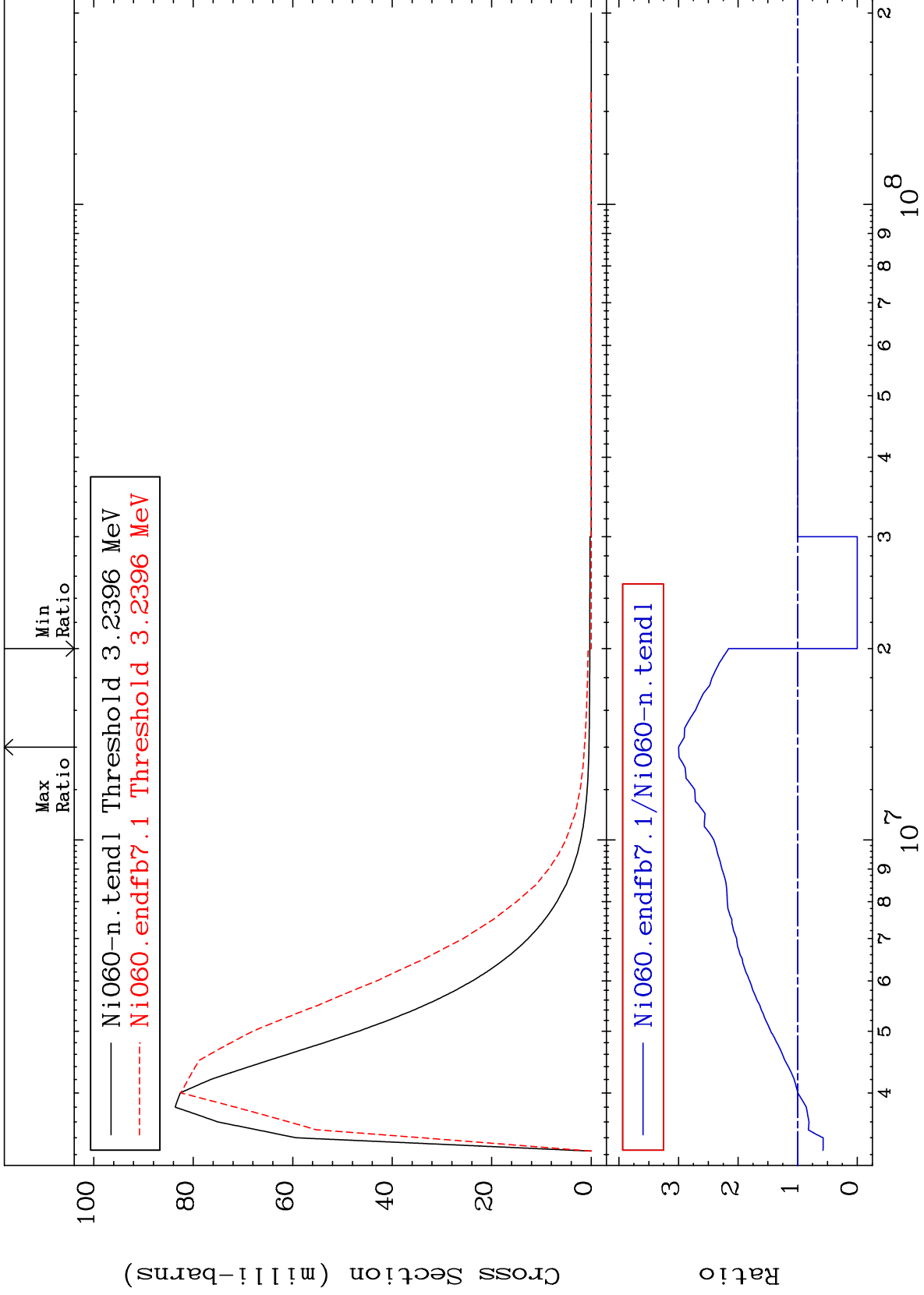
Incident Energy (eV)

28-Ni-60

MAT 2831

3.186 MeV (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 199.8 %



15

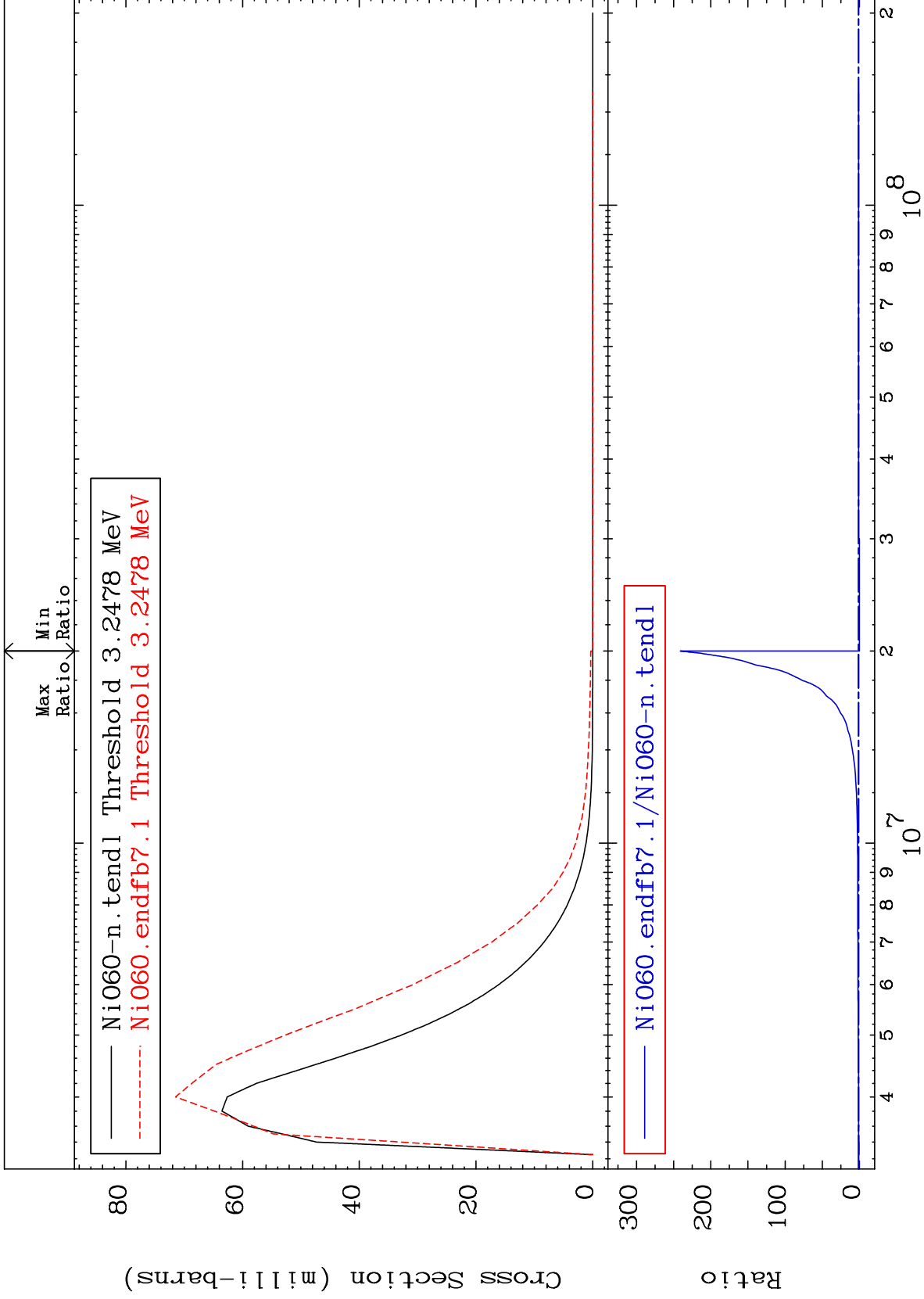
Incident Energy (eV)

28-Ni-60

MAT 2831

3.194 MeV (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 9999. %



16

Incident Energy (eV)

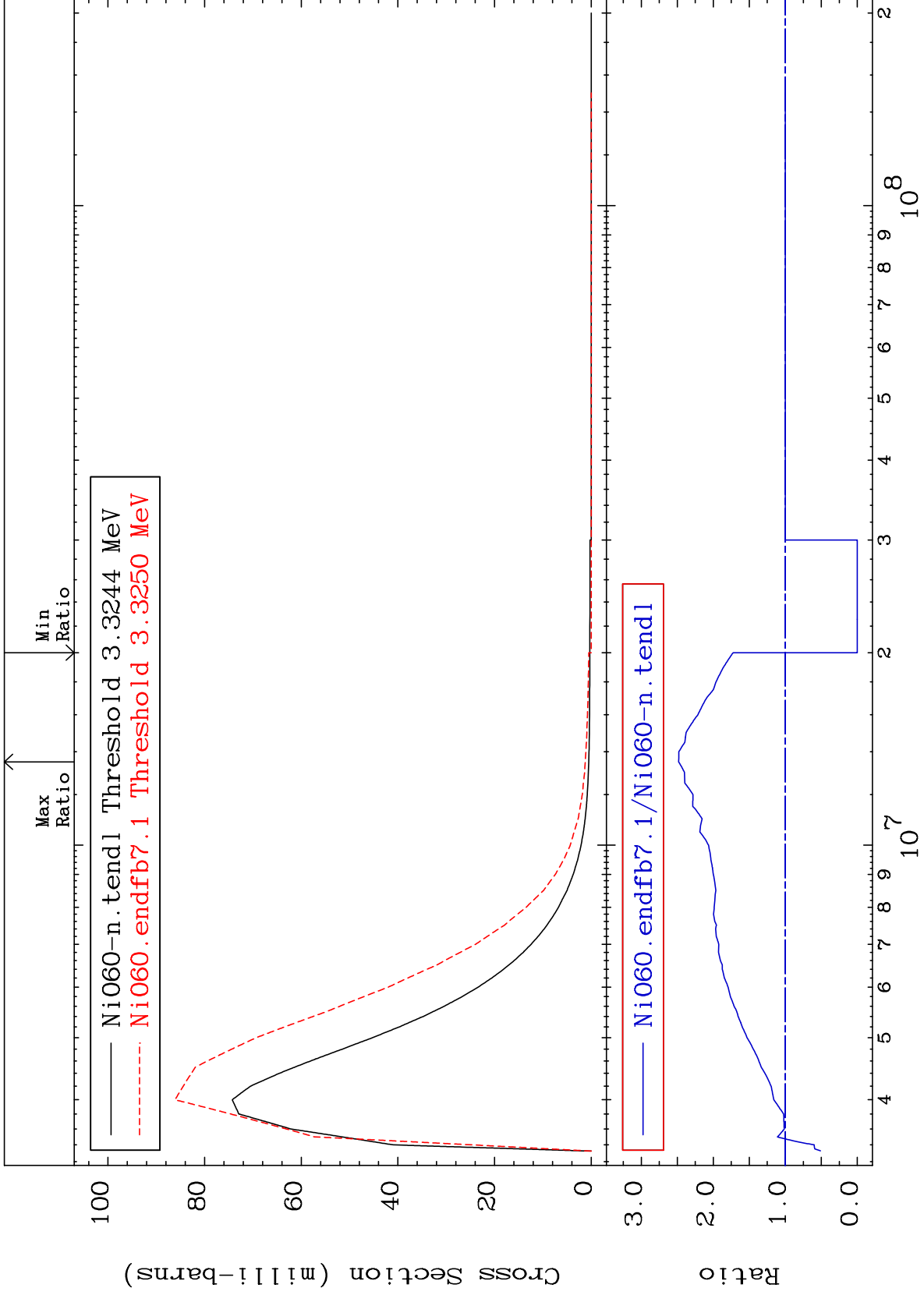
28-Ni-60



MAT 2831

3.269 MeV (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 148.2 %



17

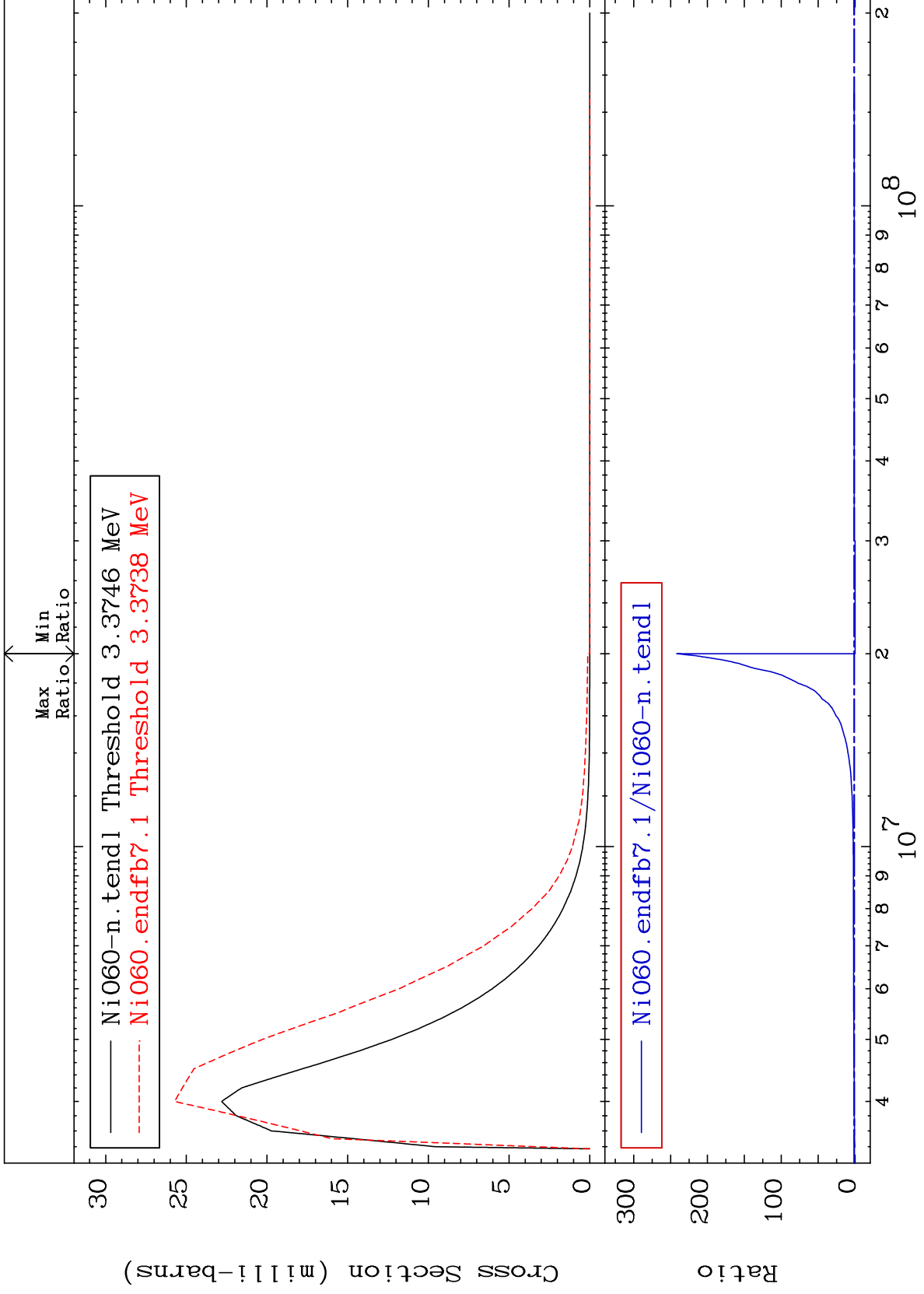
Incident Energy (eV)

28-Ni-60

MAT 2831

3.319 MeV (n,n') Level  
Cross Section

28-Ni-60  
-100.0 To 9999. %



18

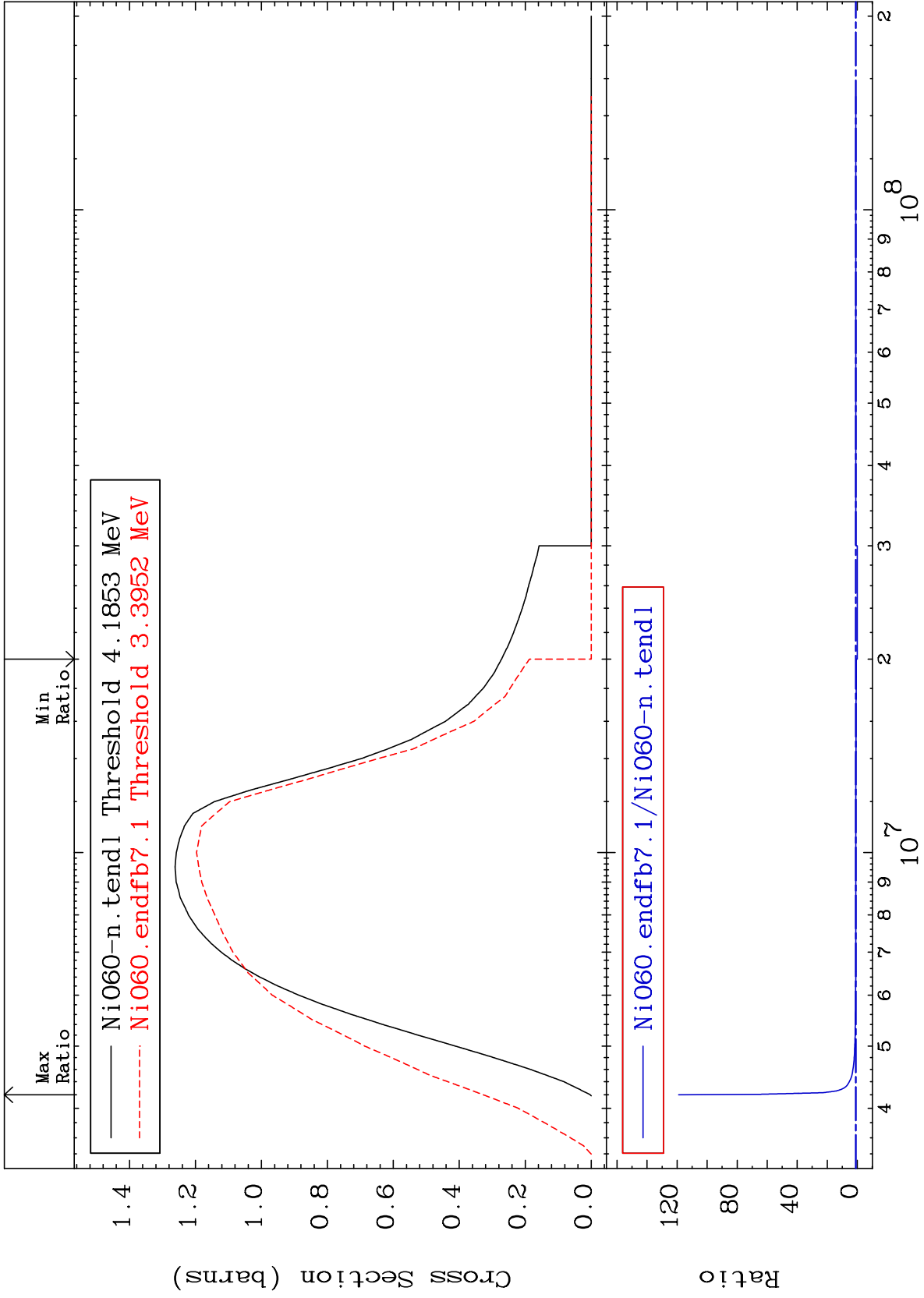
Incident Energy (eV)

28-Ni-60

MAT 2831

(n, n') Continuum  
Cross Section

28-Ni-60  
-100.0 To 9999. %

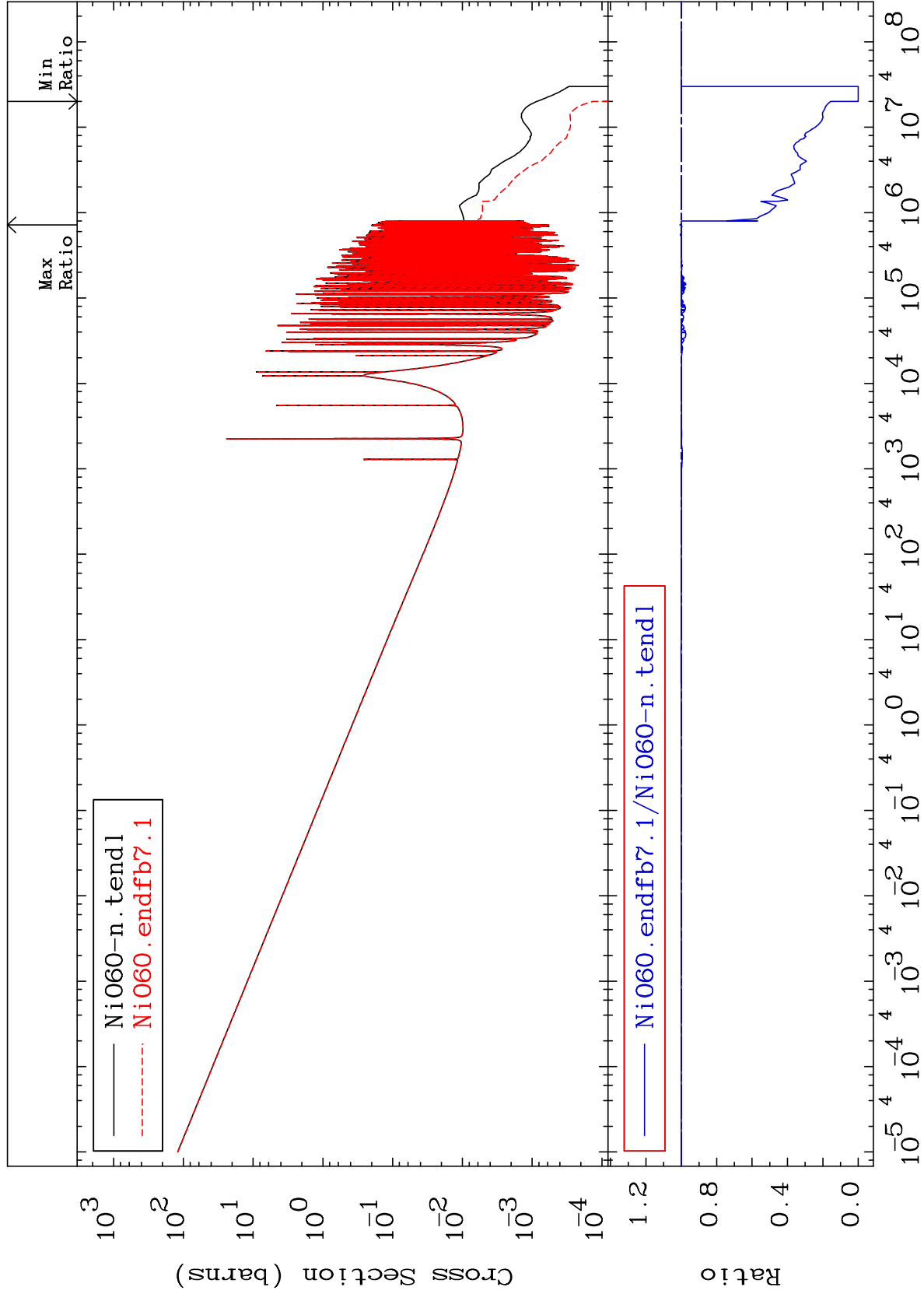


MAT 2831

(n,  $\gamma$ )  
Cross Section

28-Ni-60

-100.0 To 0.730 %



28-Ni-60

Incident Energy (eV)

20

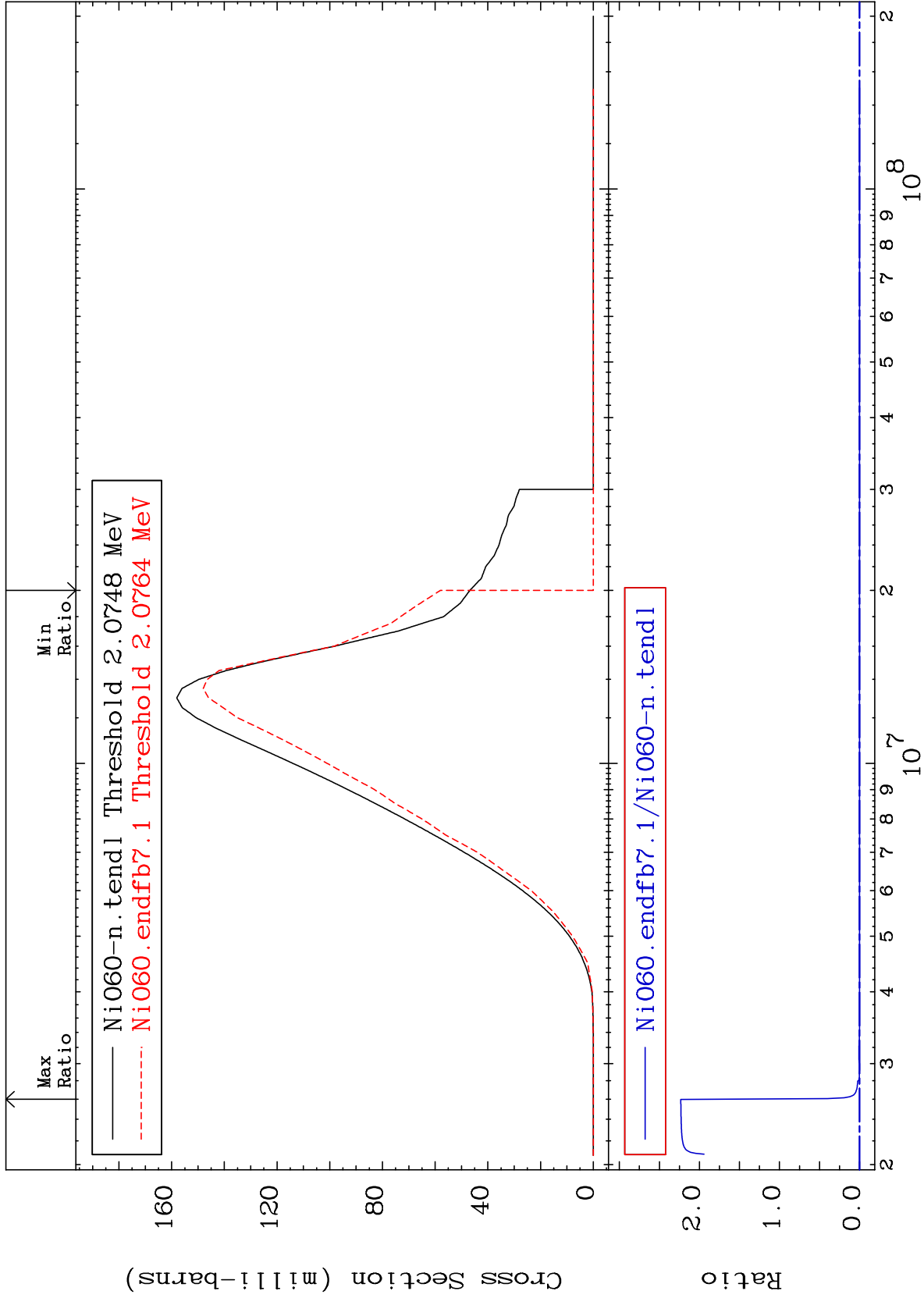
MAT 2831

(n,p)

<sup>28</sup>Ni-60

Cross Section

-100.0 To 9999. %



21

Incident Energy (eV)

<sup>28</sup>Ni-60

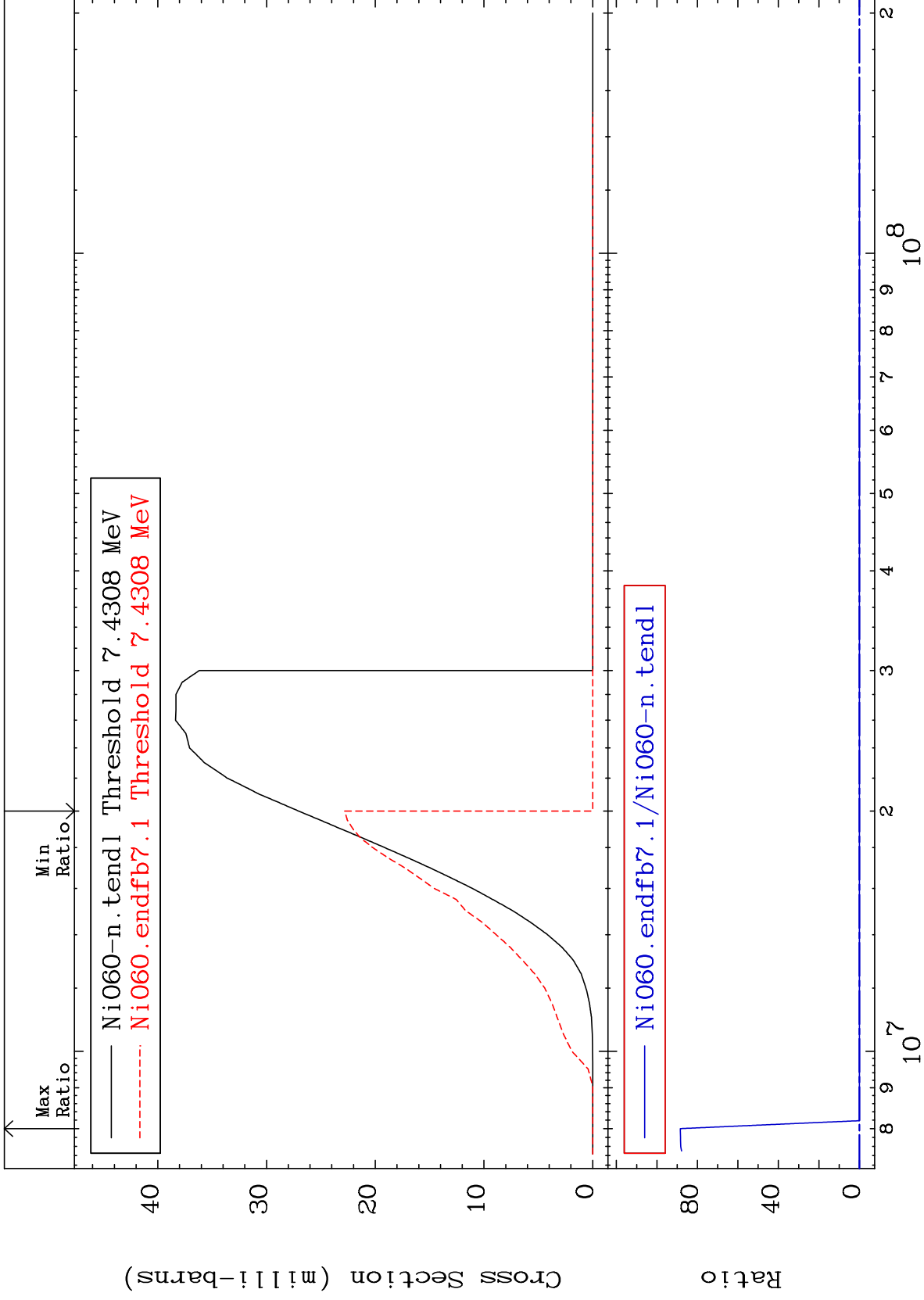
MAT 2831

(n, d)

28-Ni-60

Cross Section

-100.0 To 9999. %



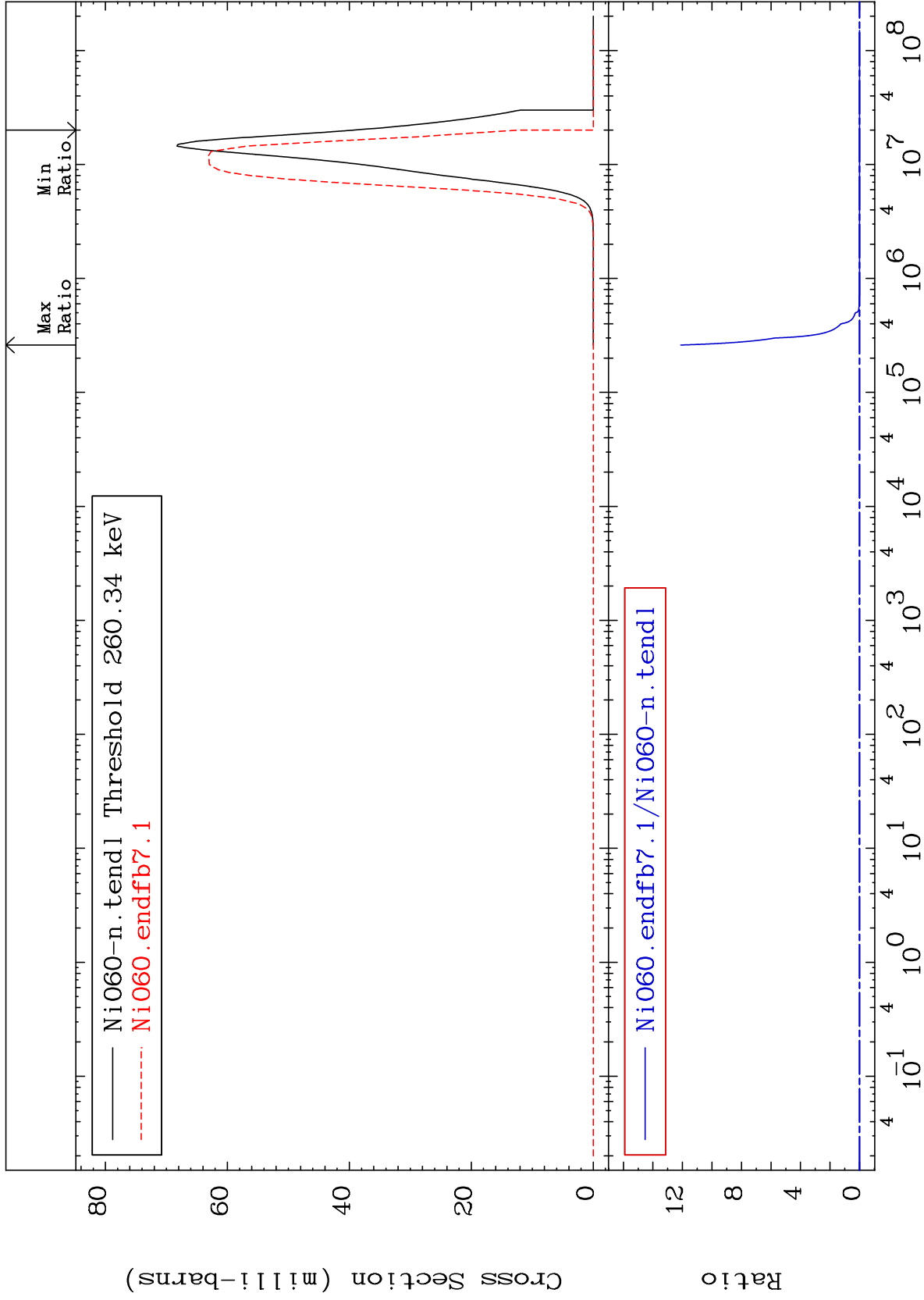
MAT 2831

(n,  $\alpha$ )

28-Ni-60

Cross Section

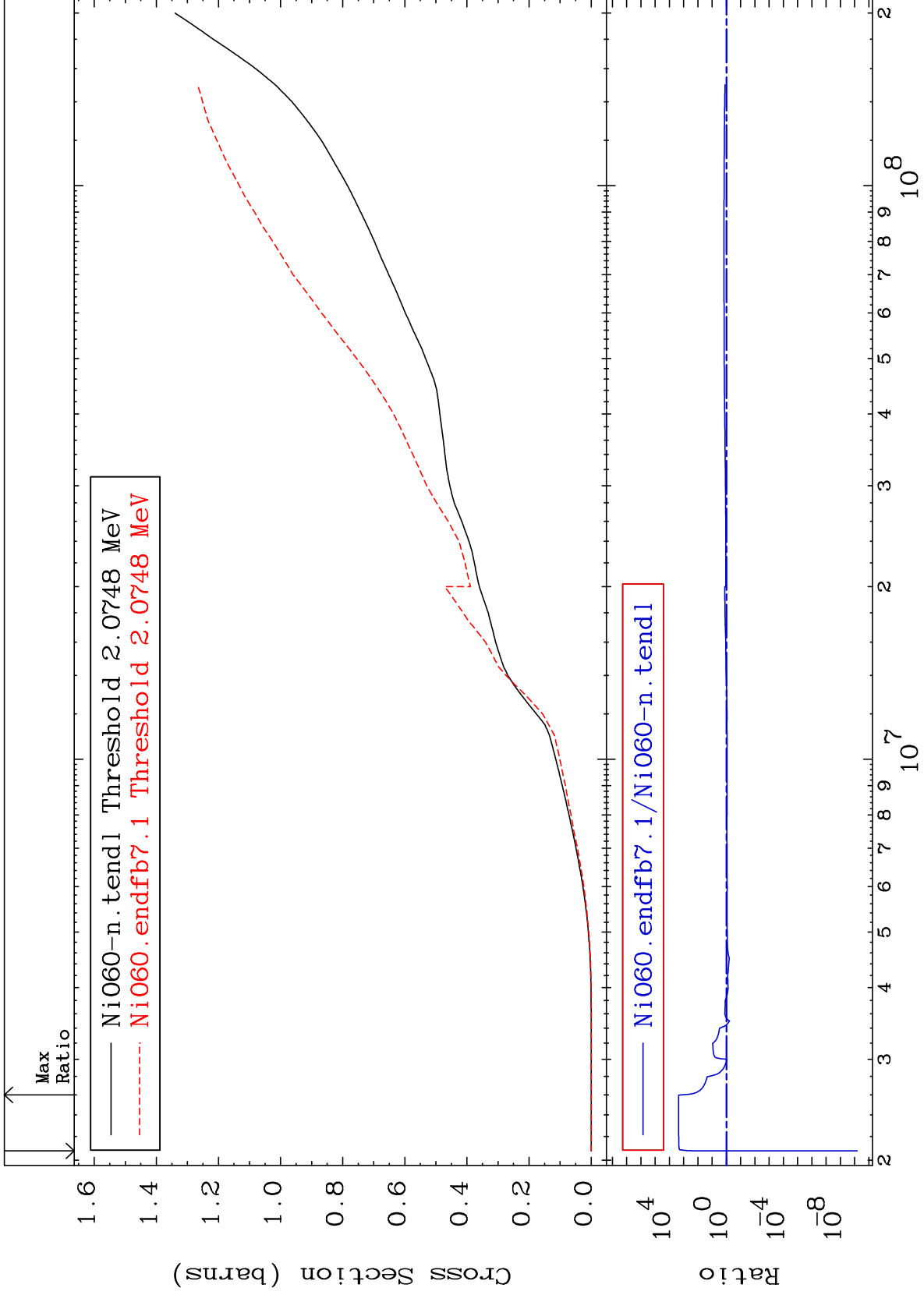
-100.0 To 9999. %



MAT 2831

Hydrogen Production  
Cross Section

28-Ni-60  
-100.0 To 9999. %

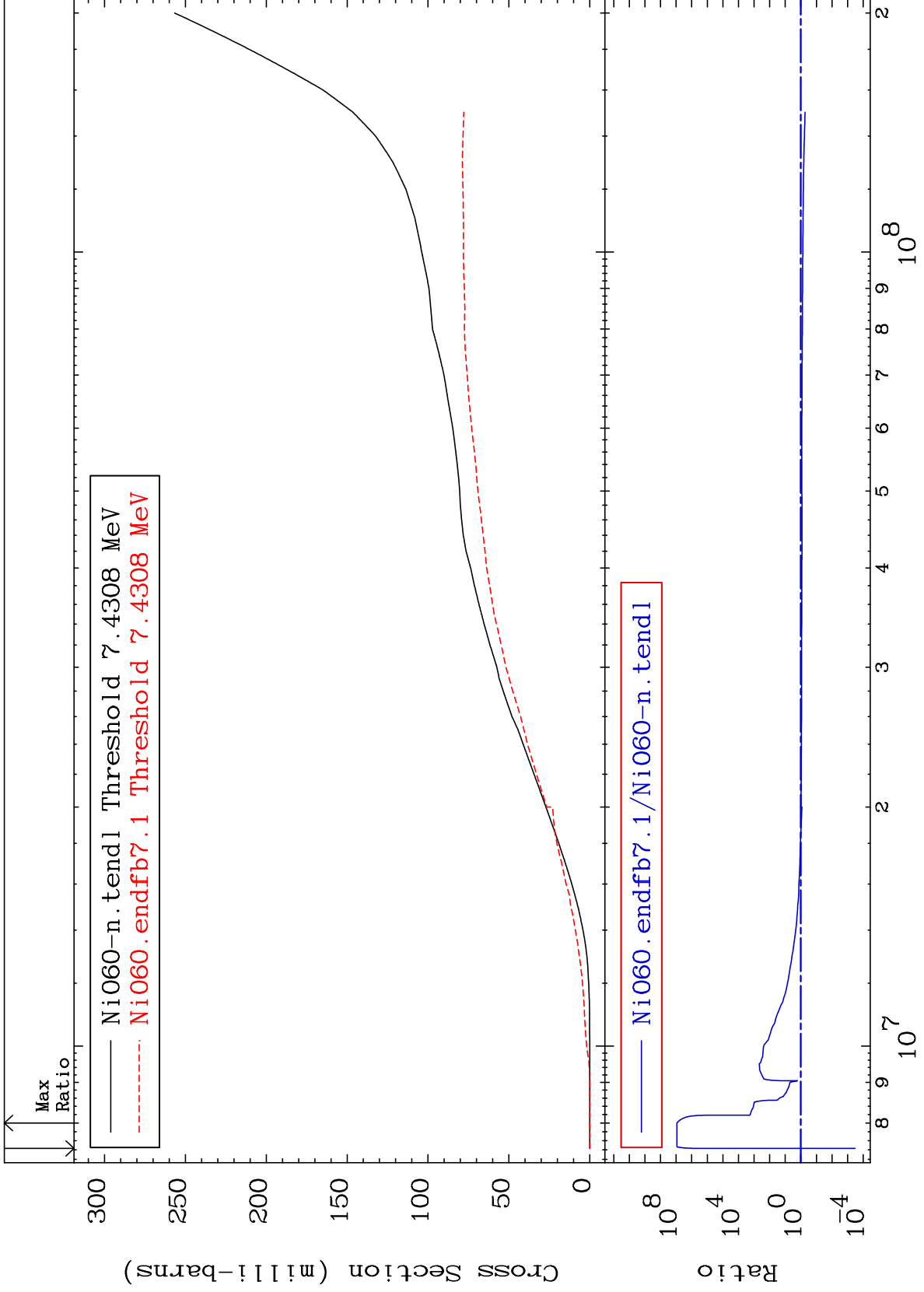




MAT 2831

Deuterium Production  
Cross Section

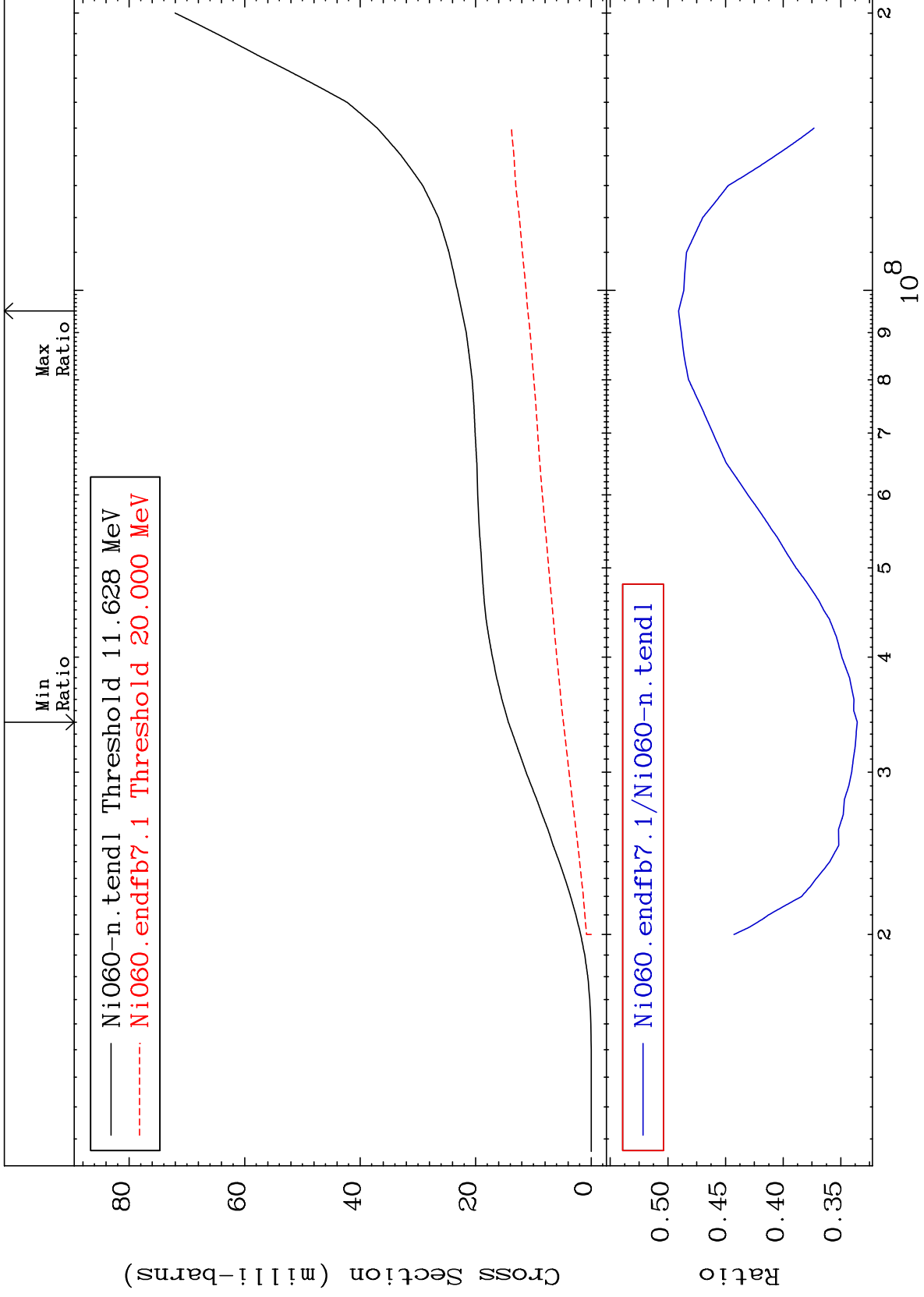
28-Ni-60  
-99.97 To 9999. %

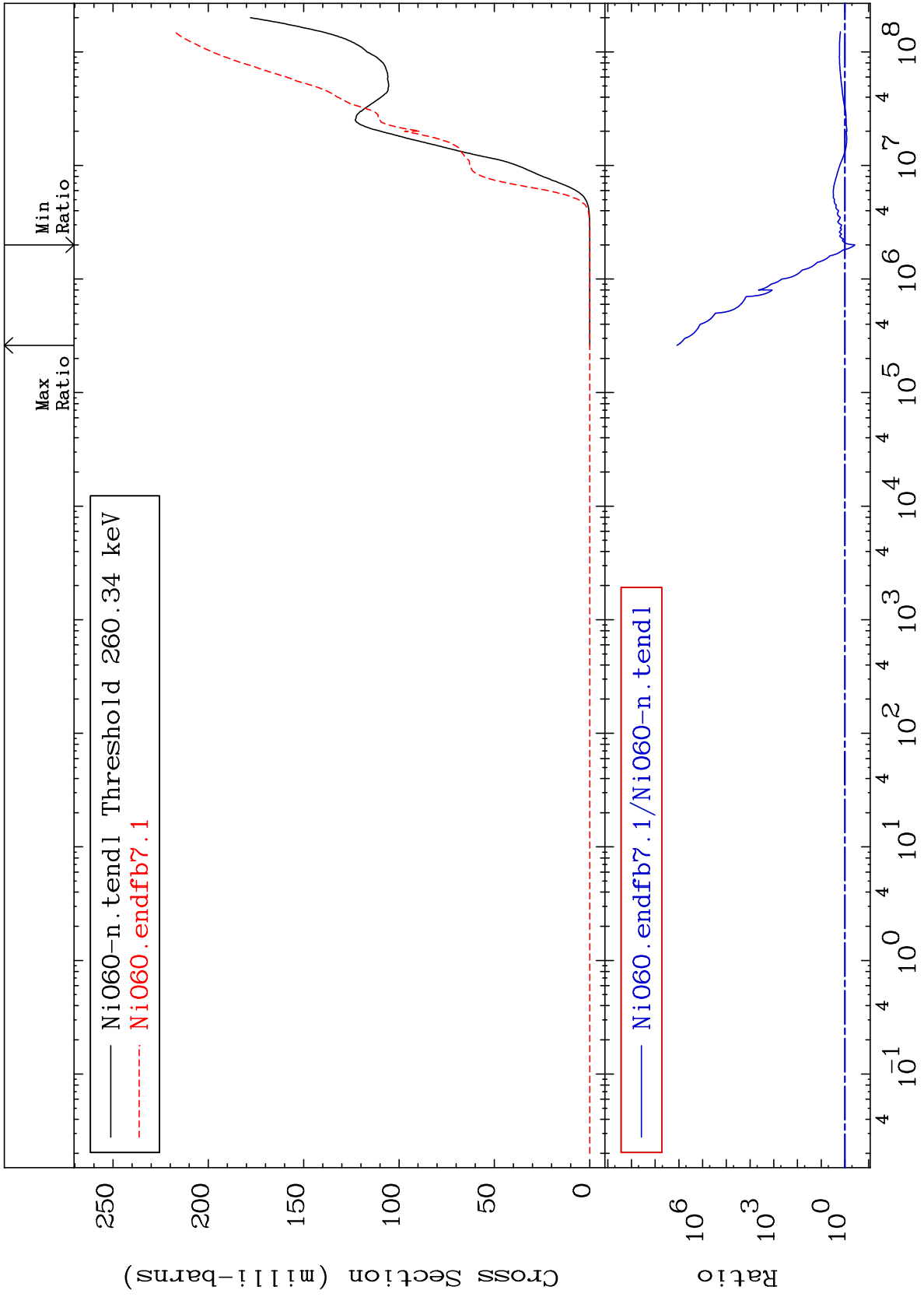


MAT 2831

Tritium Production  
Cross Section

28-Ni-60  
-66.43 To -50.93%

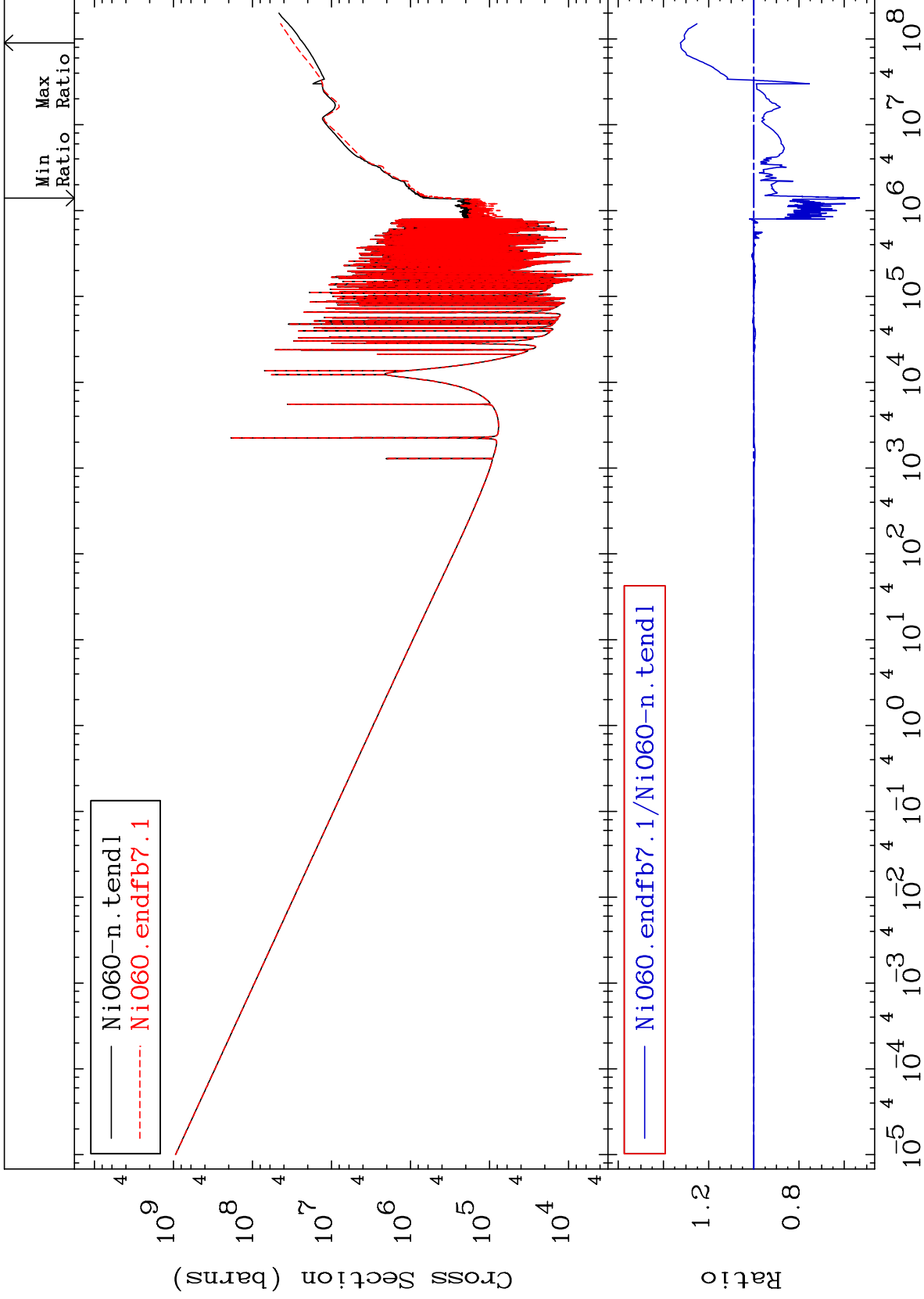




MAT 2831

Kerma total (eV-barns)  
Cross Section

28-Ni-60  
-46.74 To 32.51 %



28

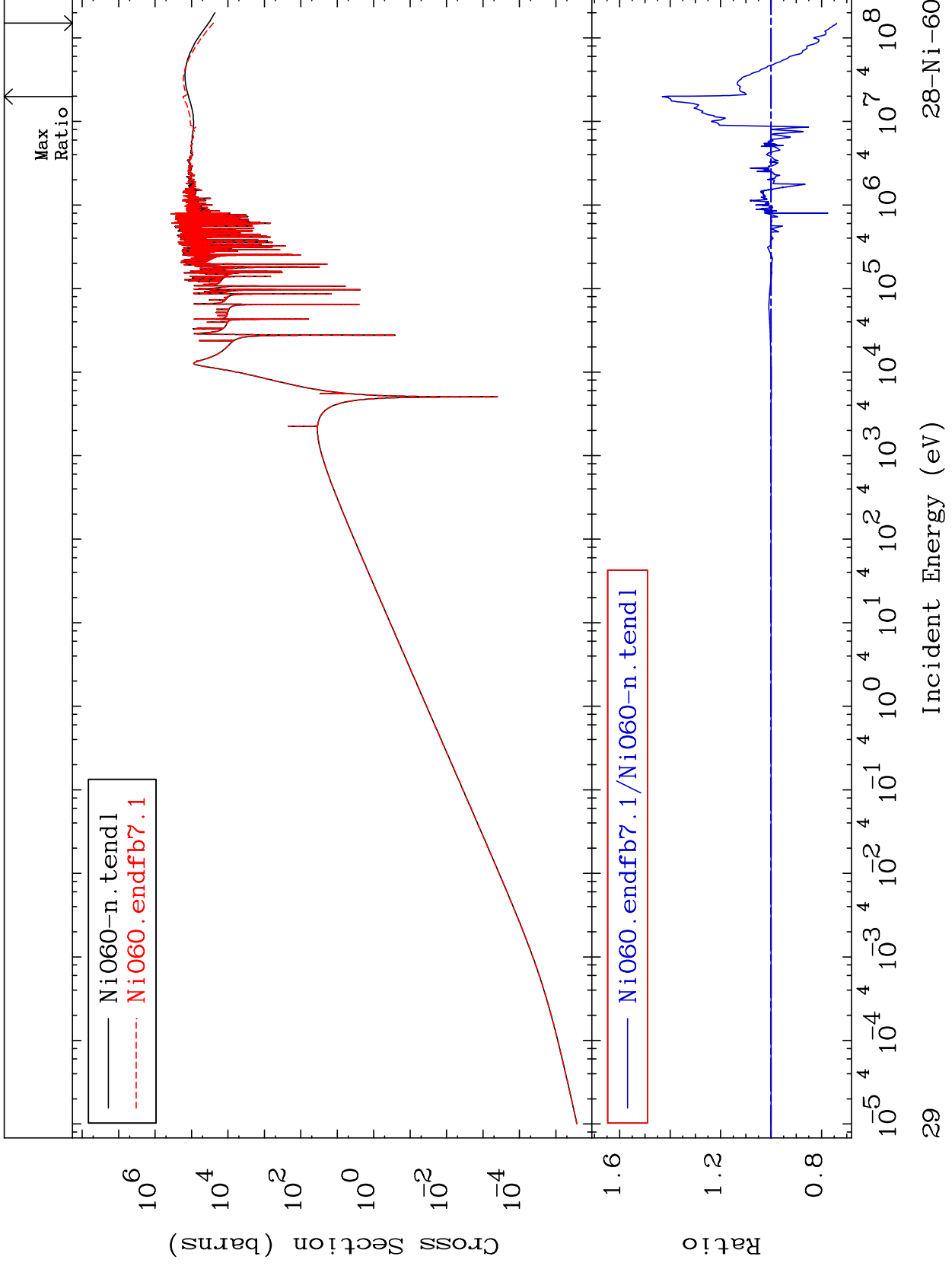
Incident Energy (eV)

28-Ni-60

MAT 2831

Kerma elastic  
Cross Section

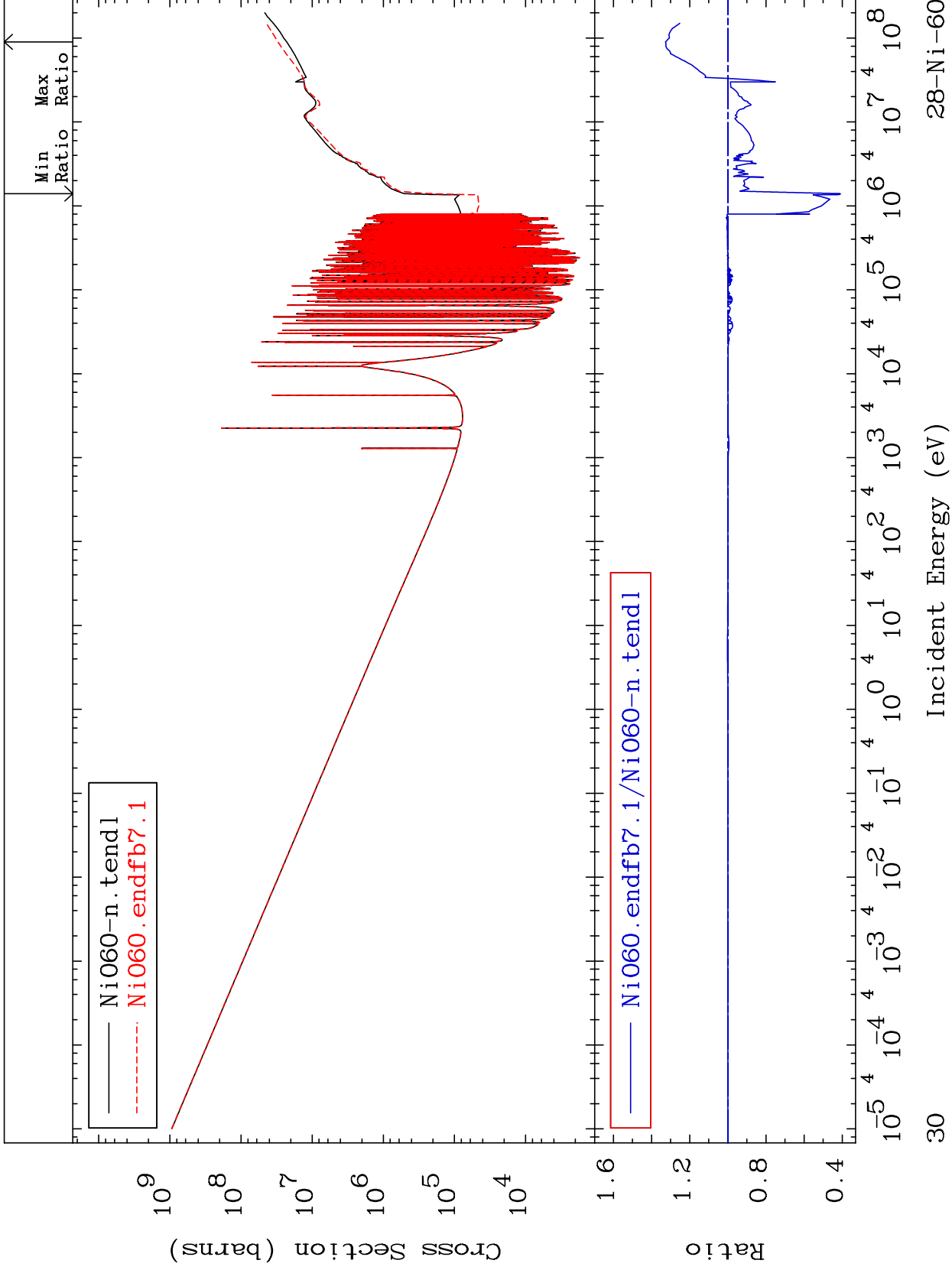
28-Ni-60  
-25.99 To 43.11 %

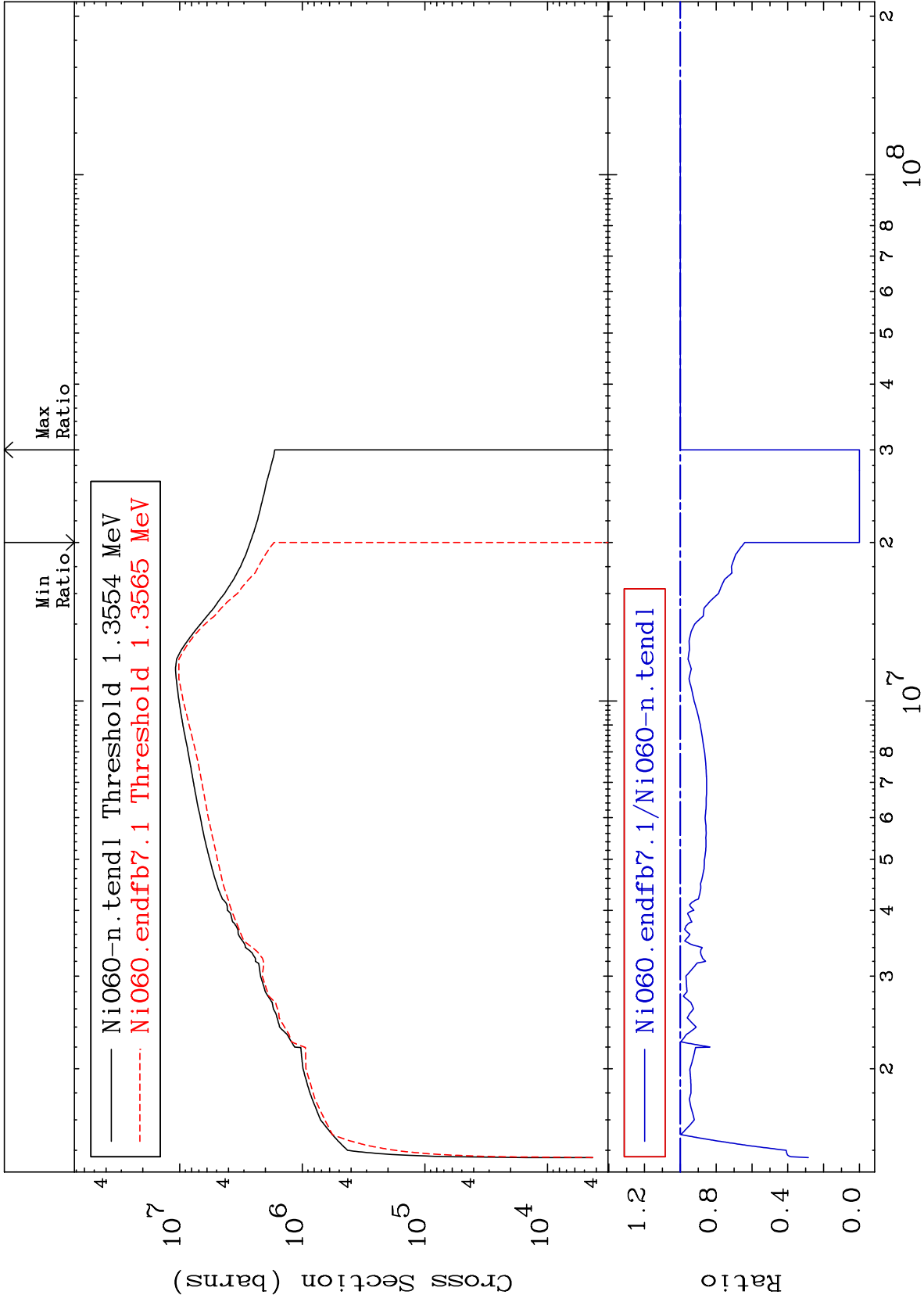


MAT 2831

Kerma non-elastic (all but mt2)  
Cross Section

28-Ni-60  
-59.15 To 32.68 %

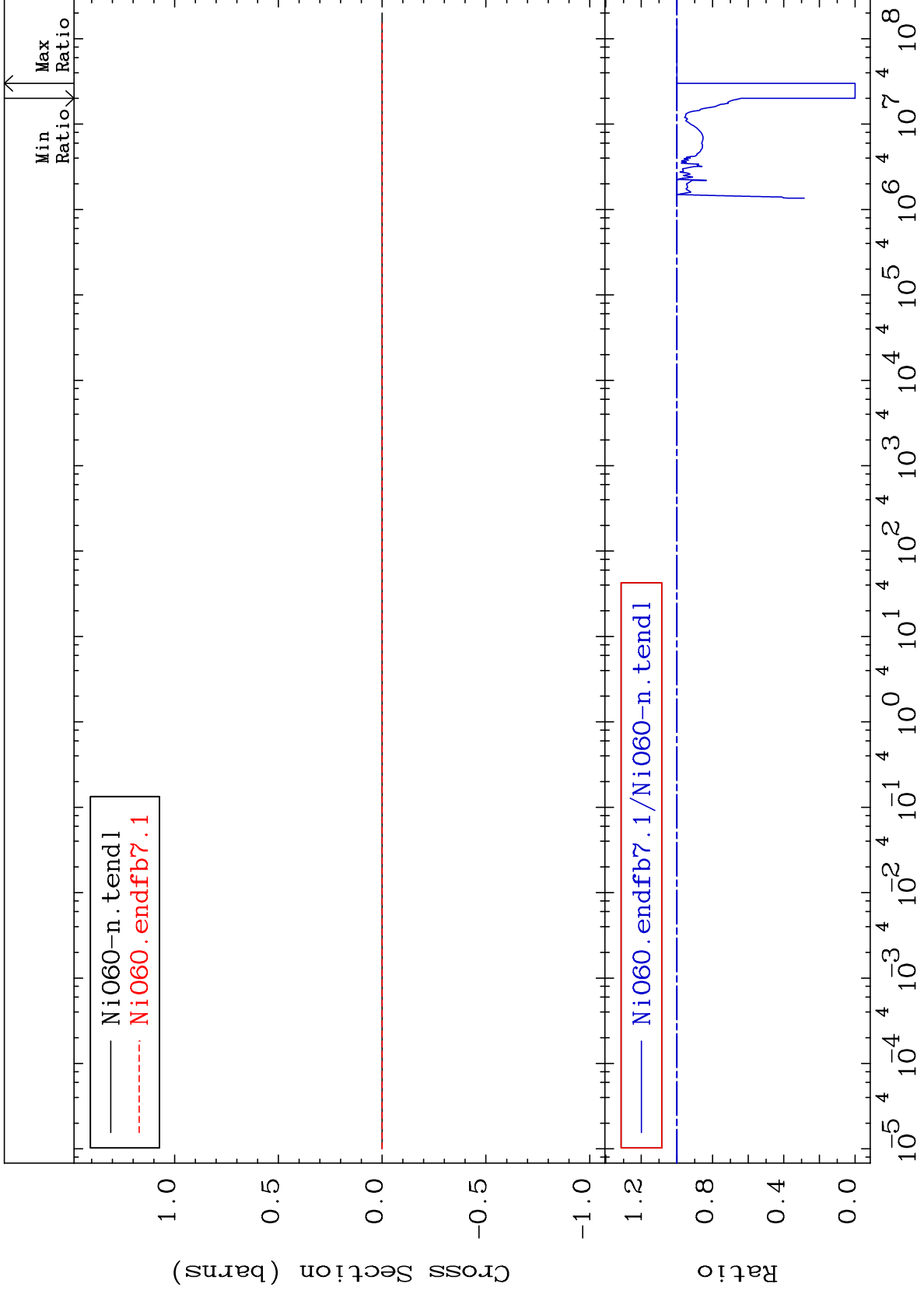




MAT 2831

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

28-Ni-60  
-100.0 To 0.000 %



32

Incident Energy (eV)

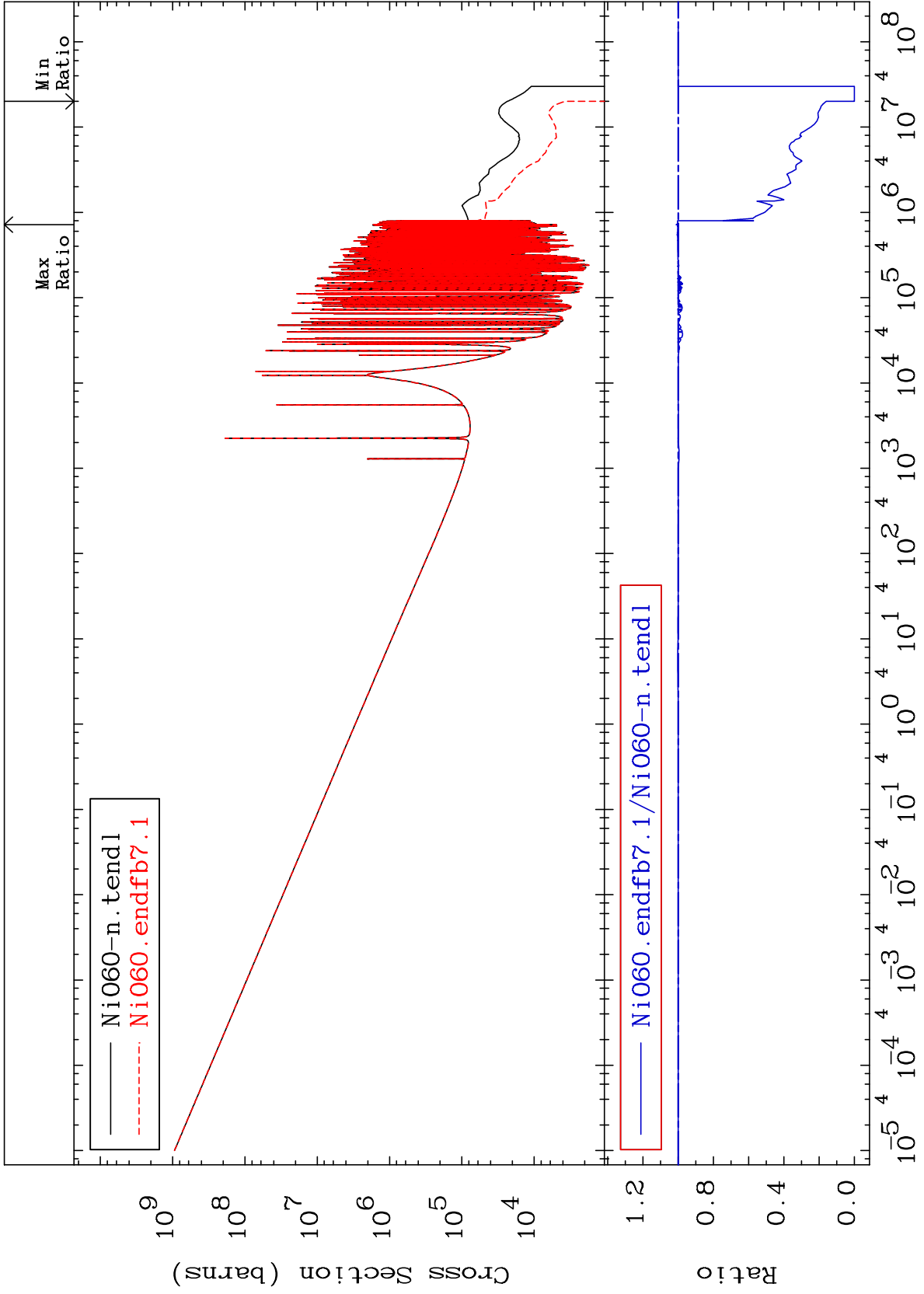
28-Ni-60

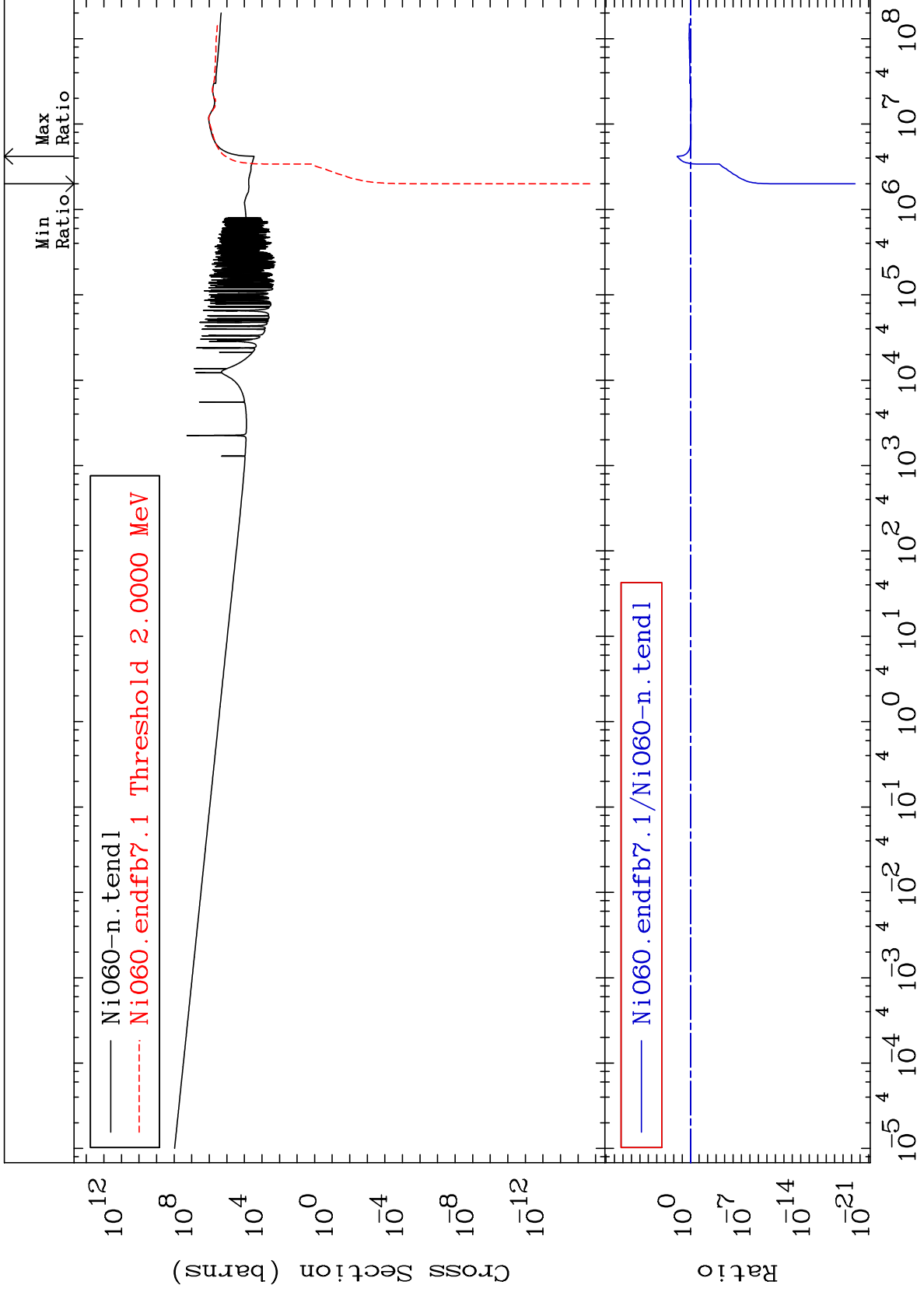


MAT 2831

Kerma capture (mt102)  
Cross Section

28-Ni-60  
-100.0 To 1.018 %

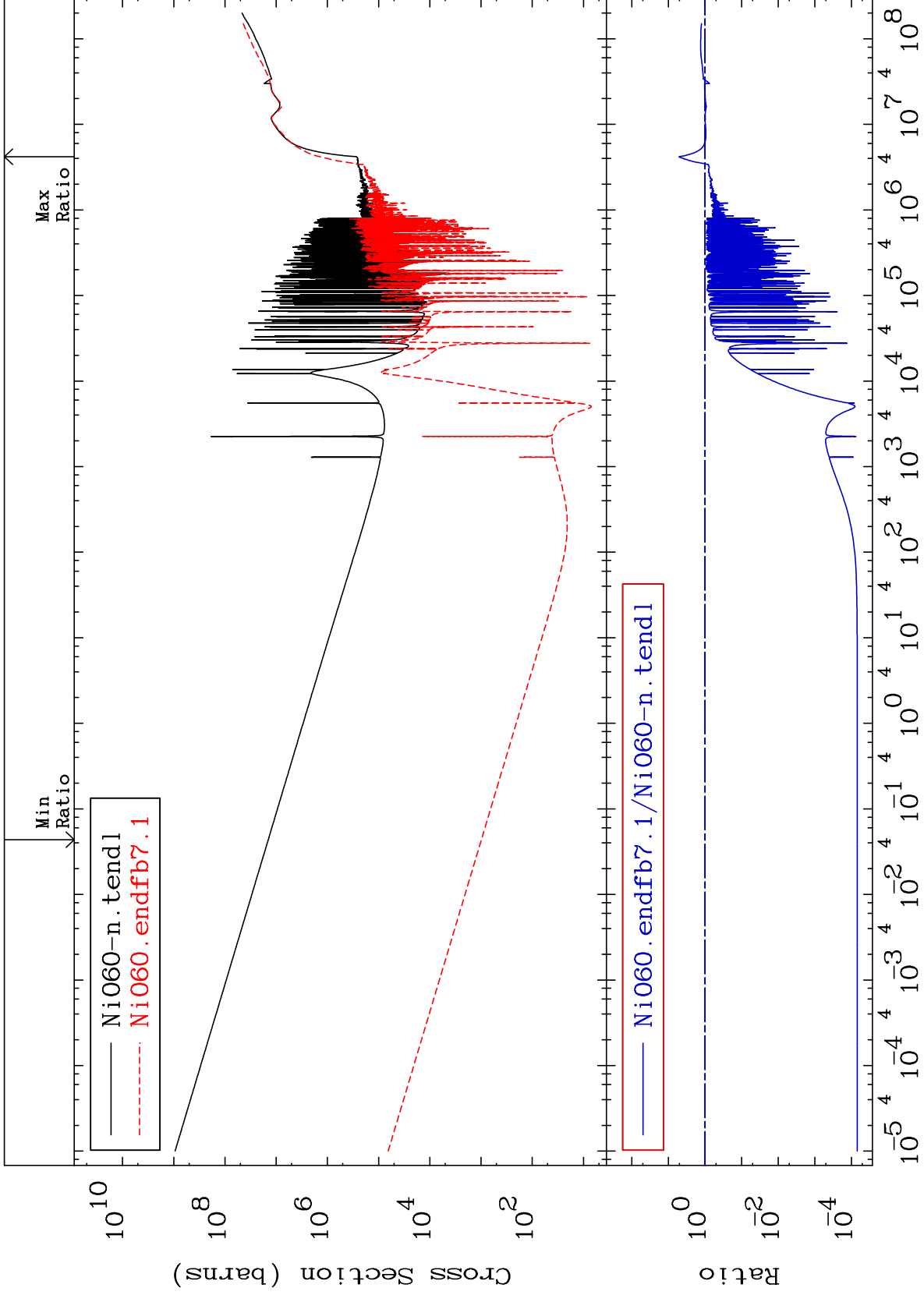




MAT 2831

Total kinematic kerma (high limit)  
Cross Section

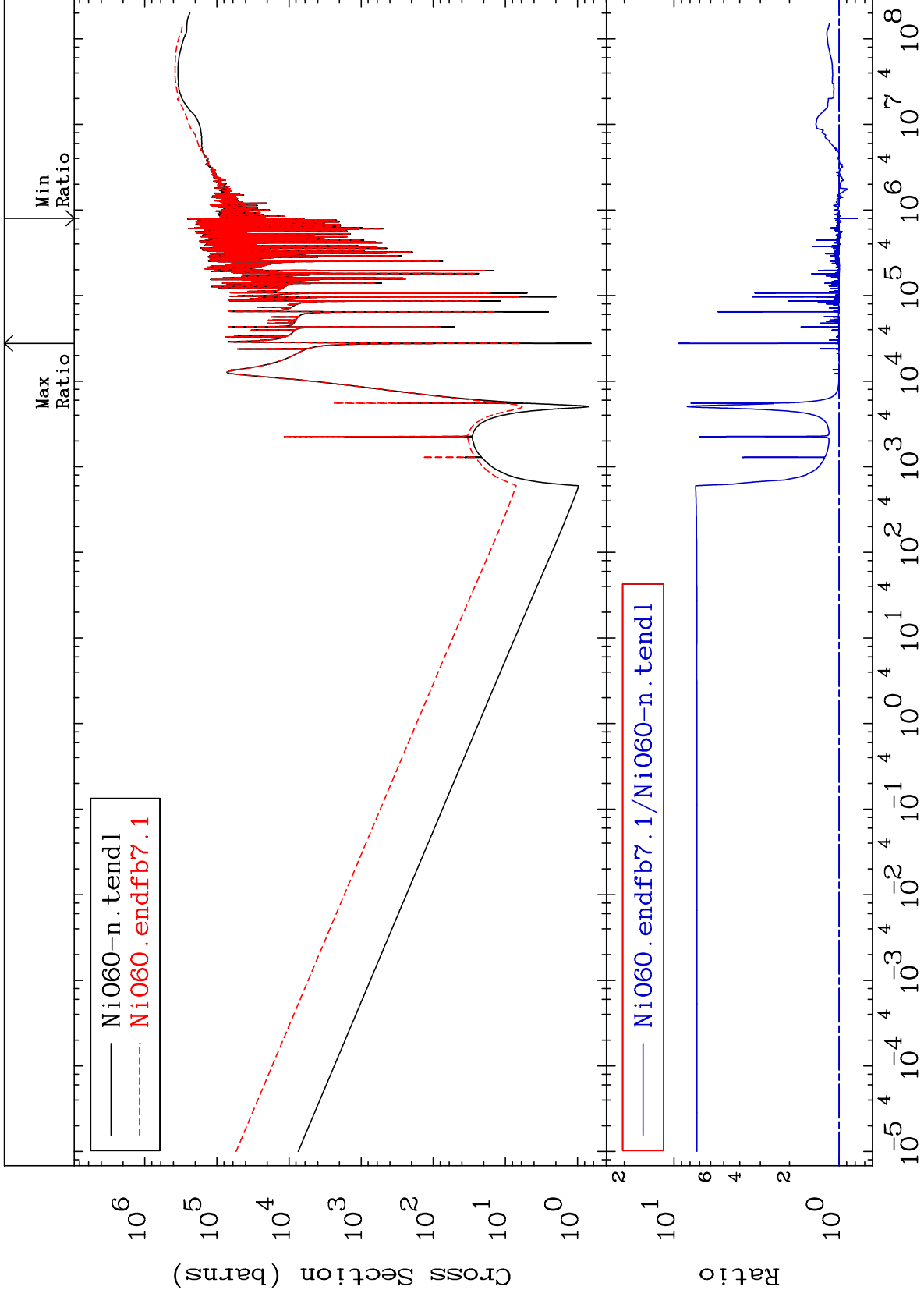
28-Ni-60  
-99.99 To 426.3 %



MAT 2831

Dpa total (eV-barns)  
Cross Section

28-Ni-60  
-22.29 To 836.7 %



36

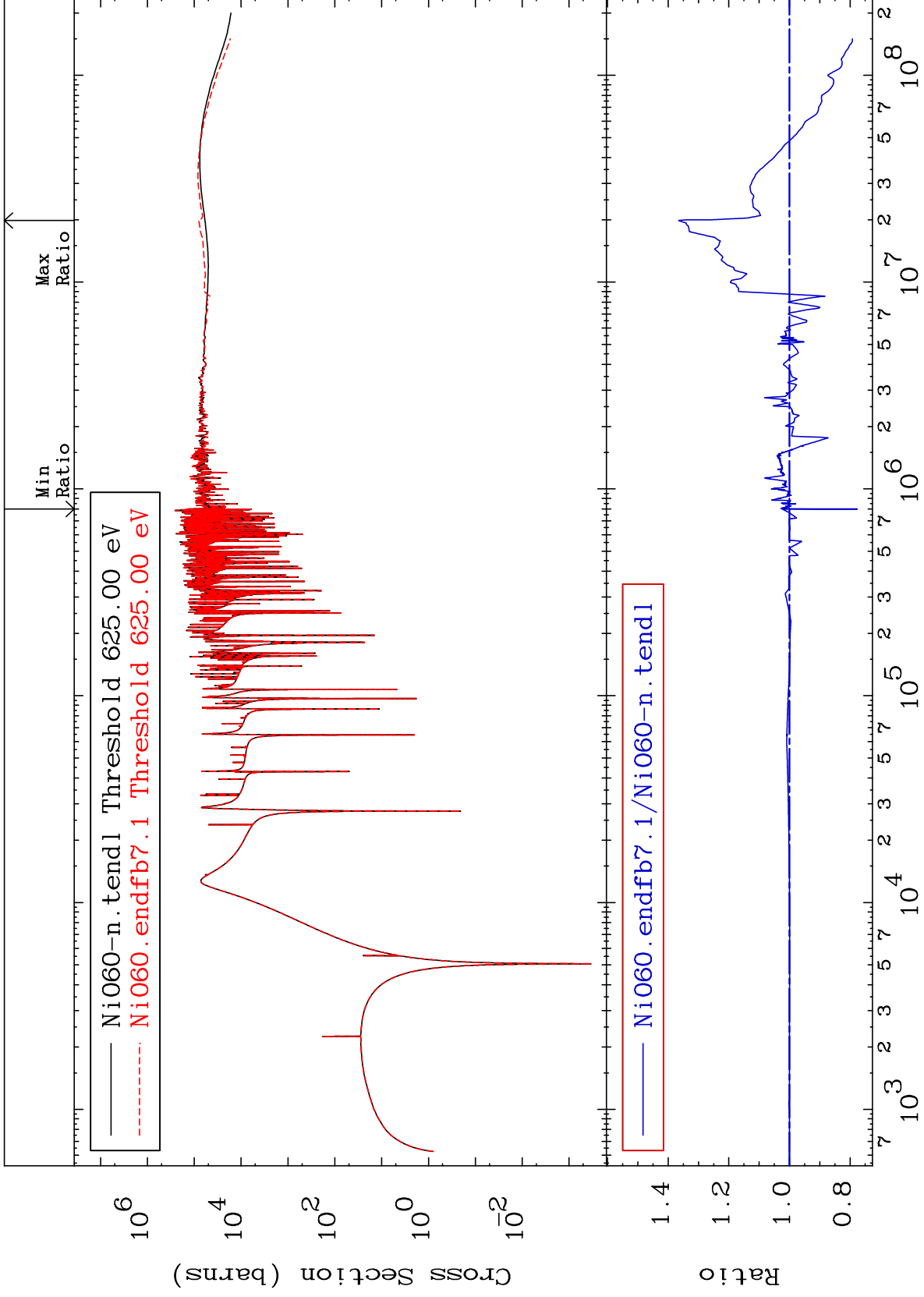
Incident Energy (eV)

28-Ni-60

MAT 2831

Dpa elastic (mt2)  
Cross Section

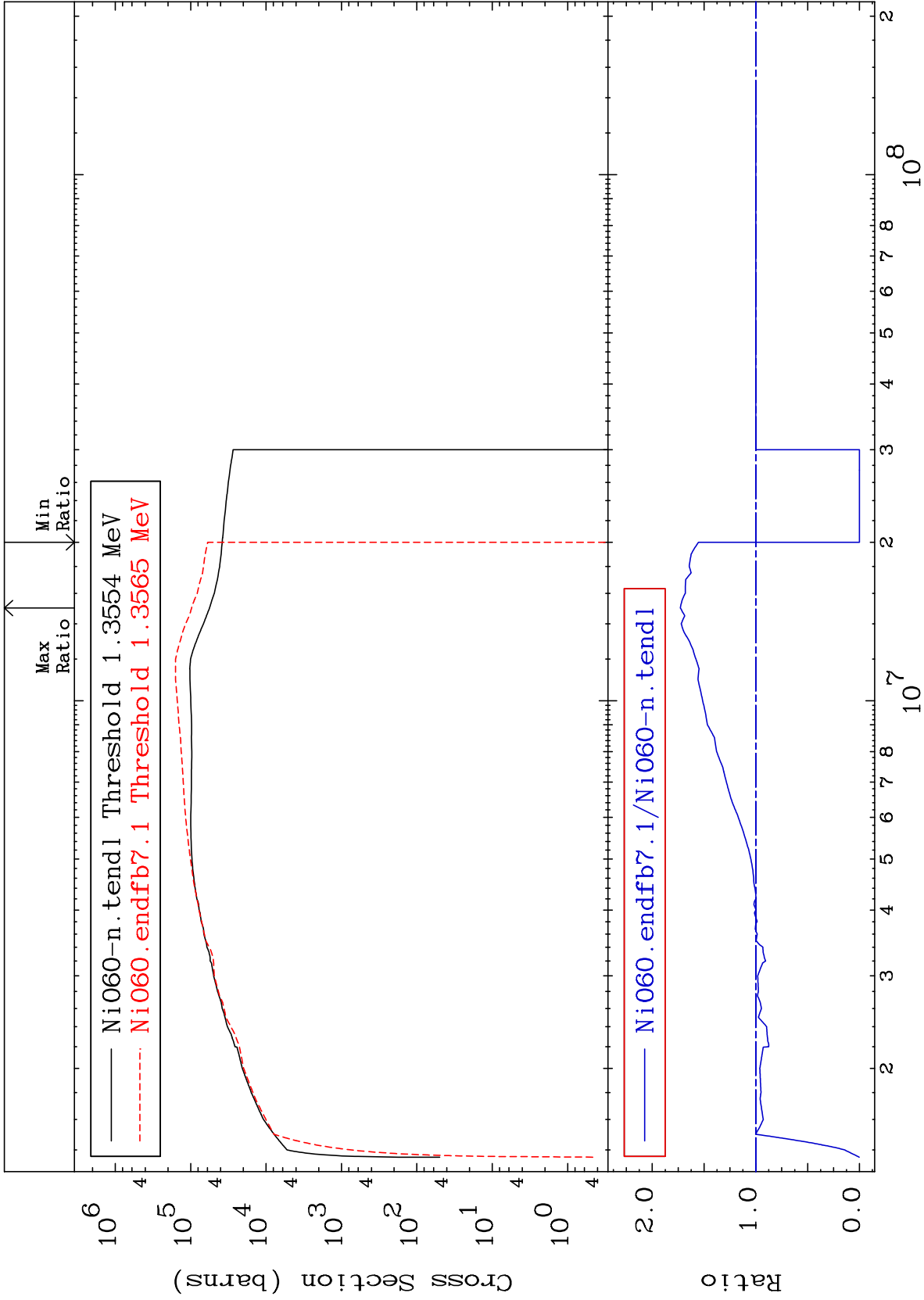
28-Ni-60  
-22.36 To 36.55 %



37

Incident Energy (eV)

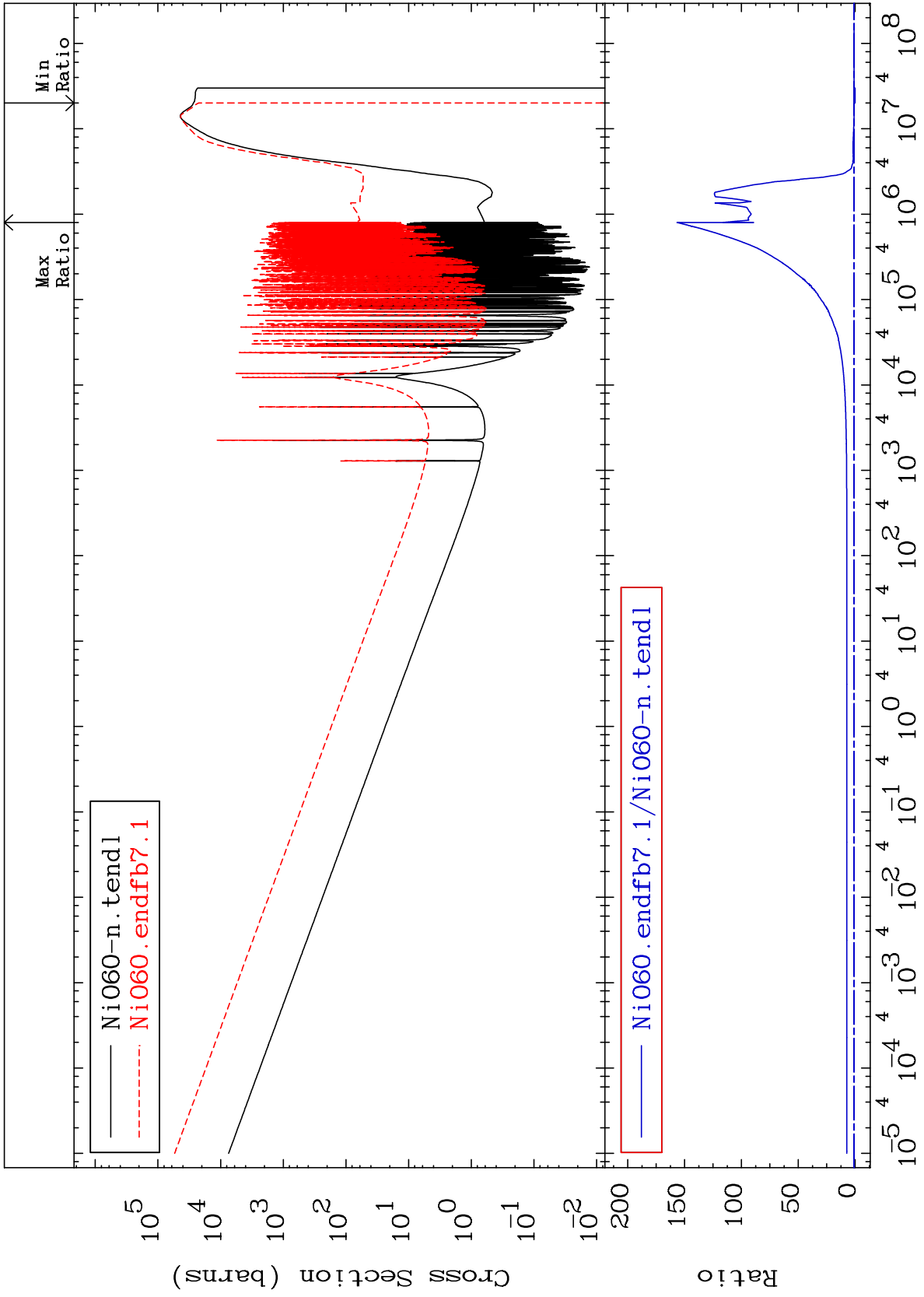
28-Ni-60



MAT 2831

Dpa disappearance (mt102 -120)  
Cross Section

28-Ni-60  
-100.0 To 9999. %



39

Incident Energy (eV)

28-Ni-60