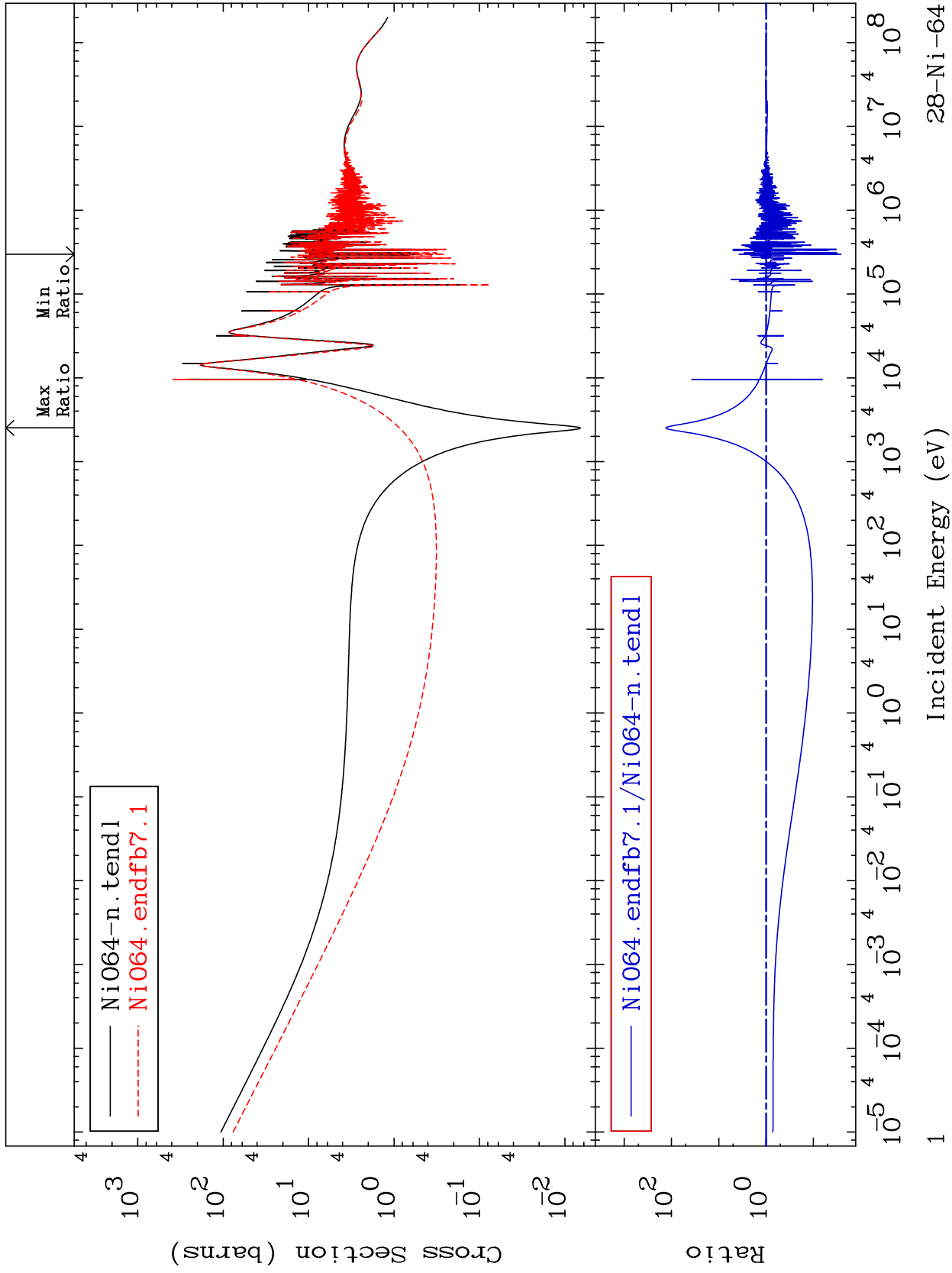


MAT 2843

Total  
Cross Section

28-Ni-64  
-97.37 To 9999. %



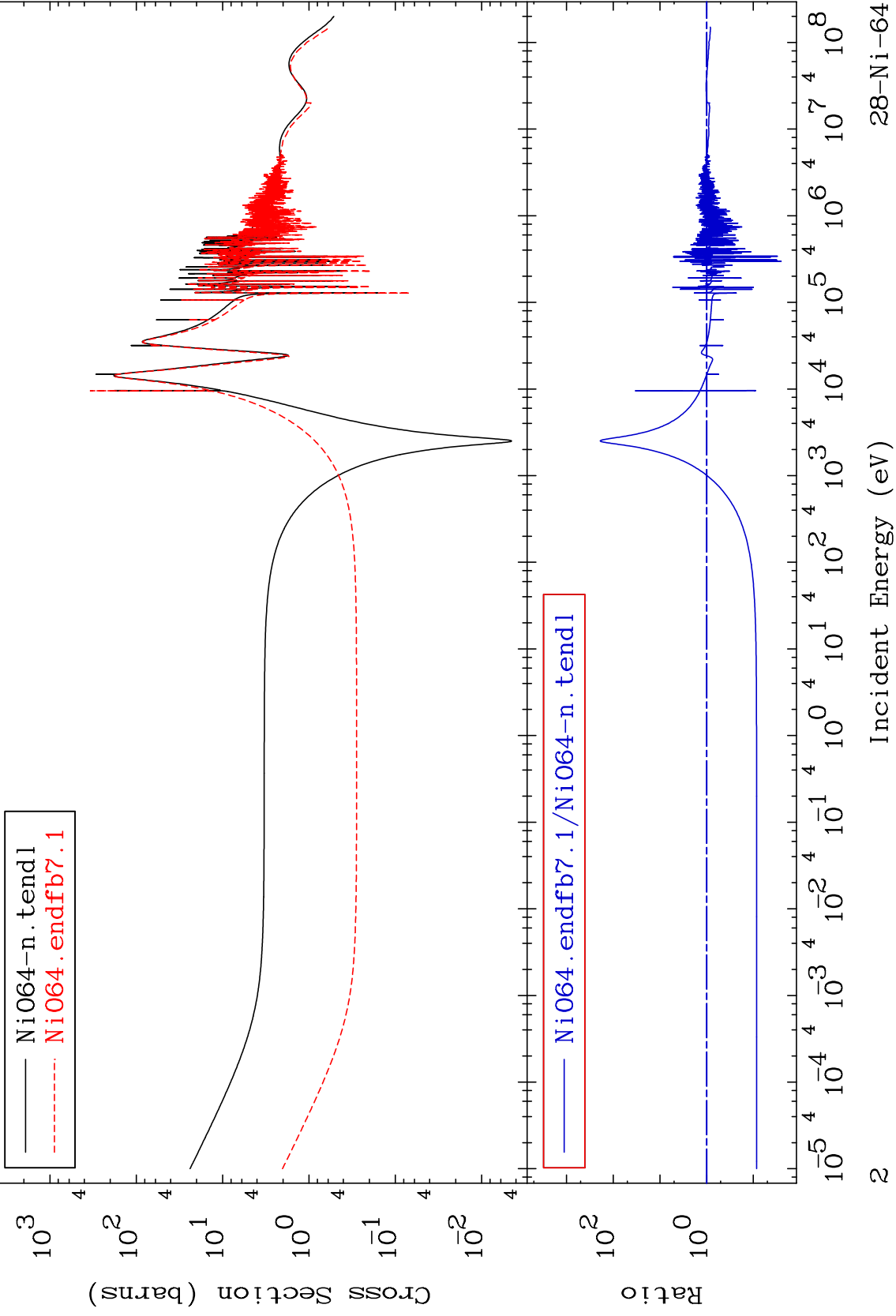
Incident Energy (eV)

28-Ni-64

MAT 2843

Elastic  
Cross Section

28-Ni-64  
-97.45 To 9999. %

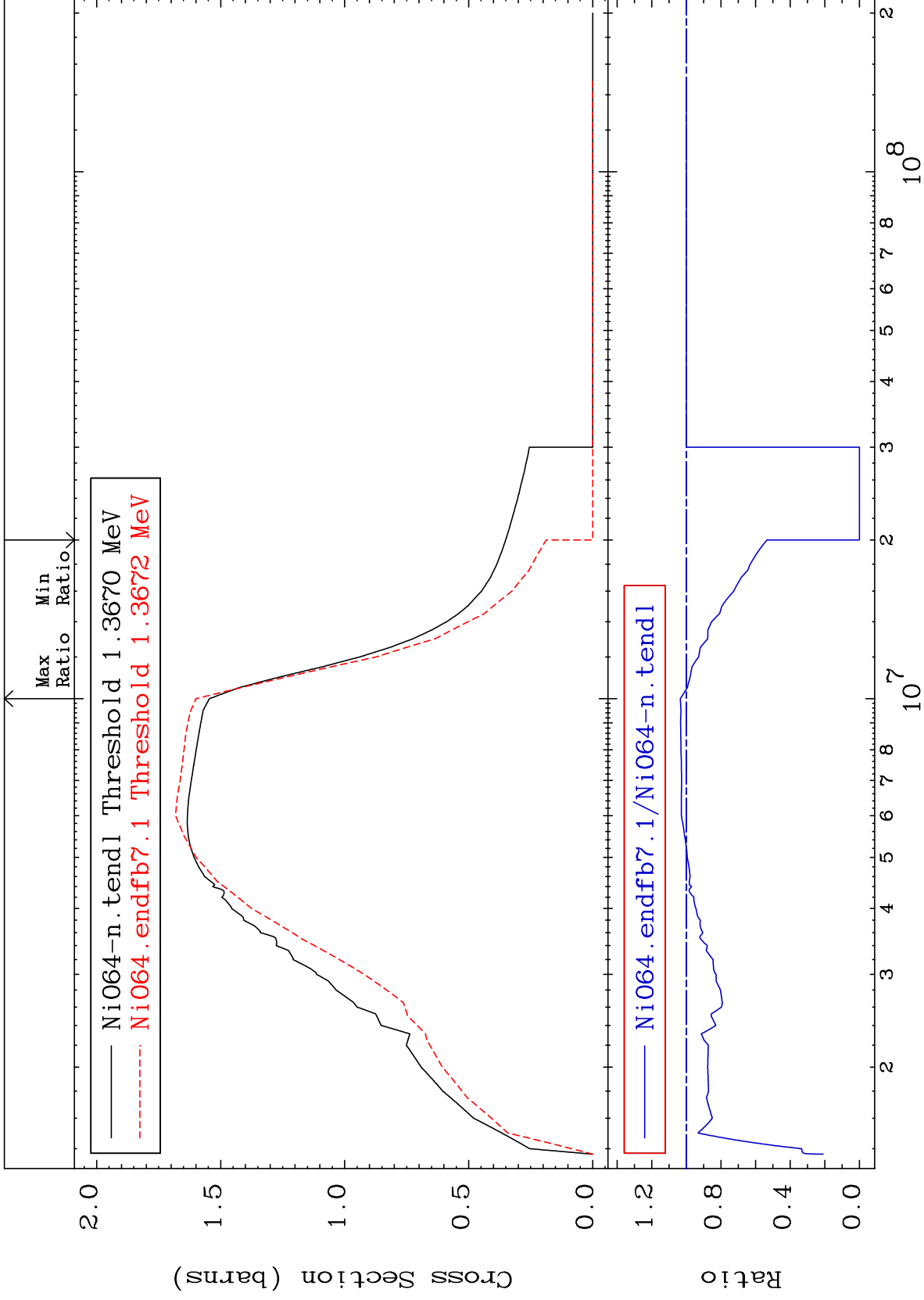


28-Ni-64

MAT 2843

Inelastic  
Cross Section

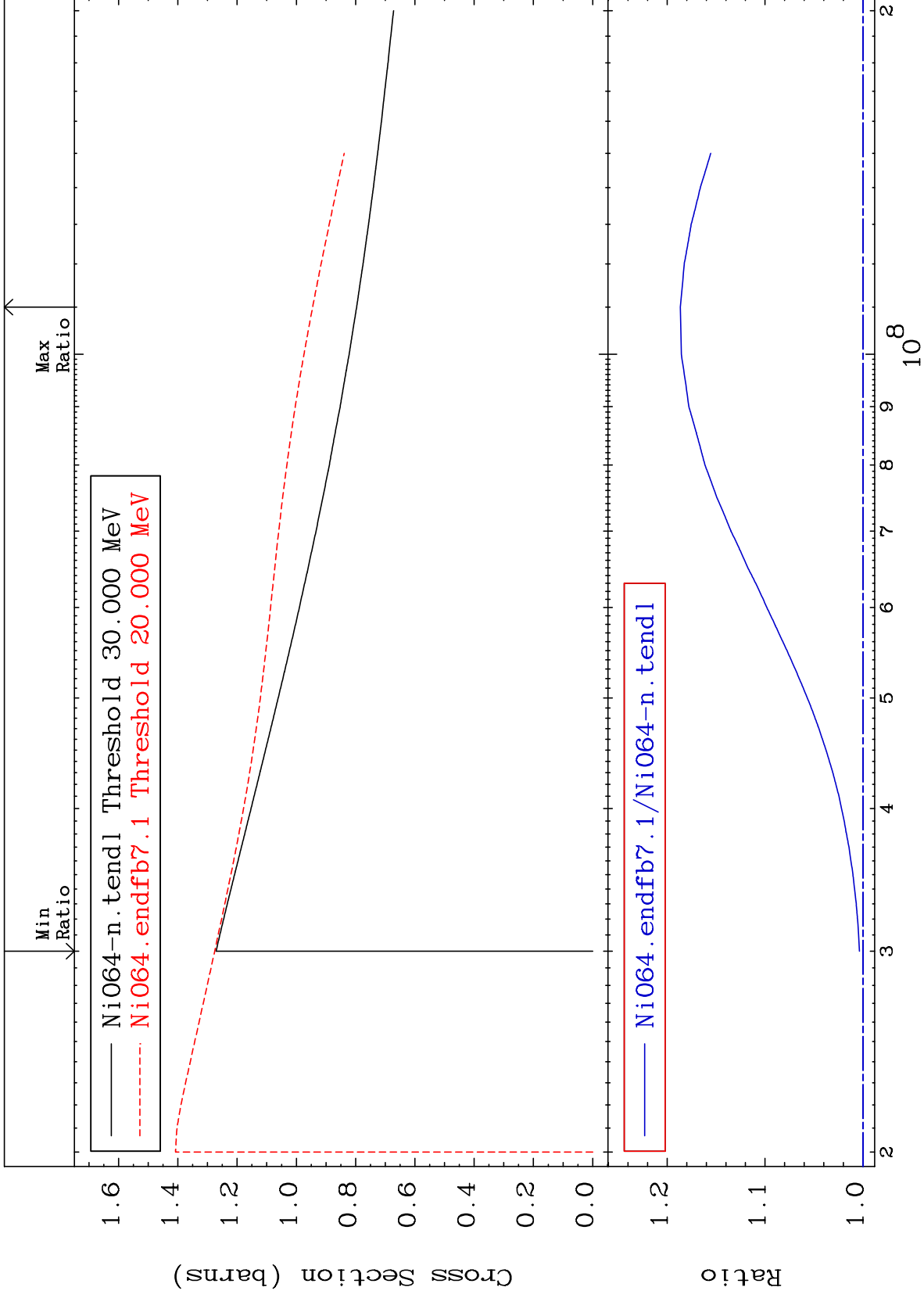
28-Ni-64  
-100.0 To 3.479 %



MAT 2843

(n, remainder)  
Cross Section

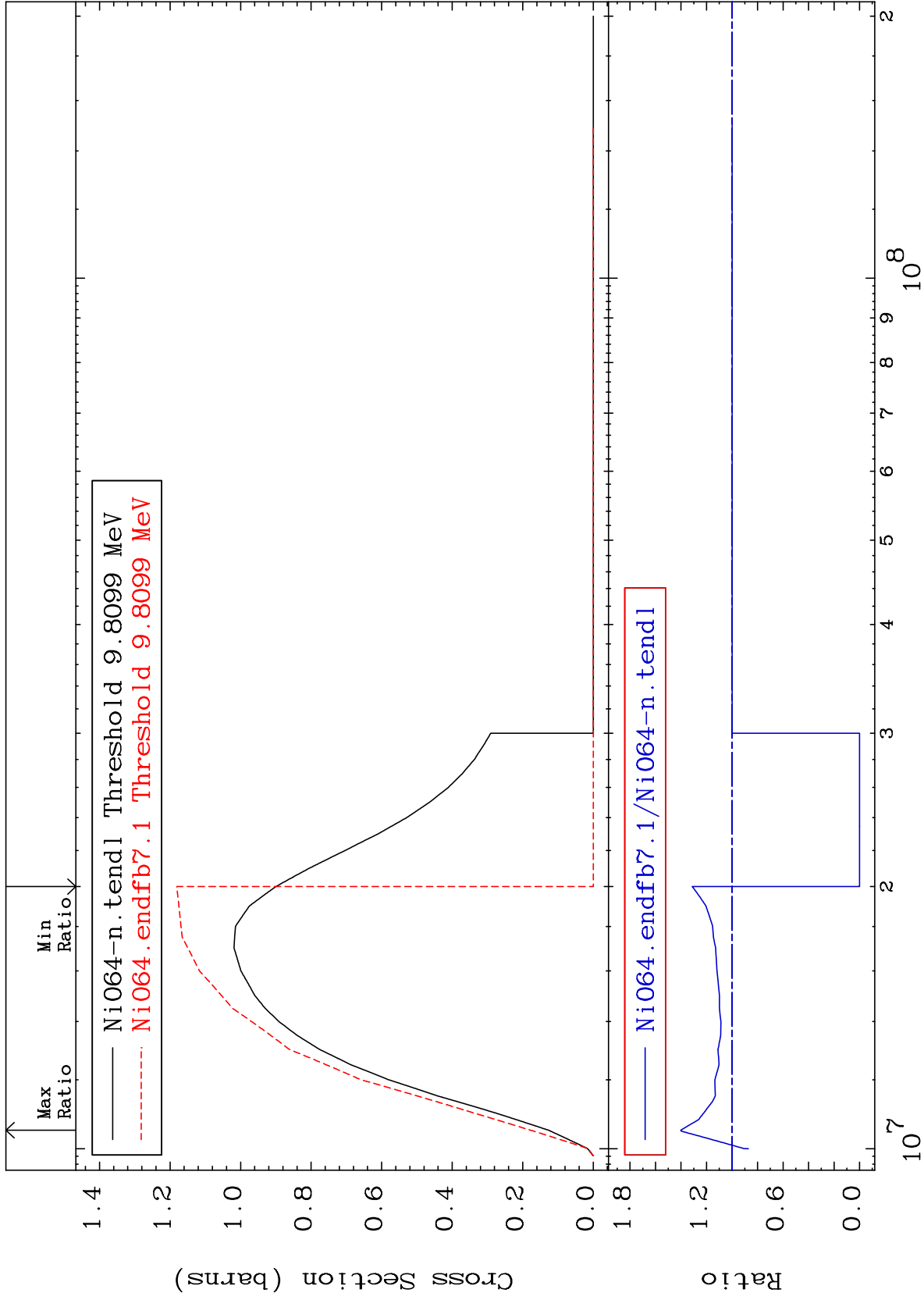
28-Ni-64  
To 18.65 %  
0.364



MAT 2843

(n,2n)  
Cross Section

28-Ni-64  
-100.0 To 40.21 %



28-Ni-64

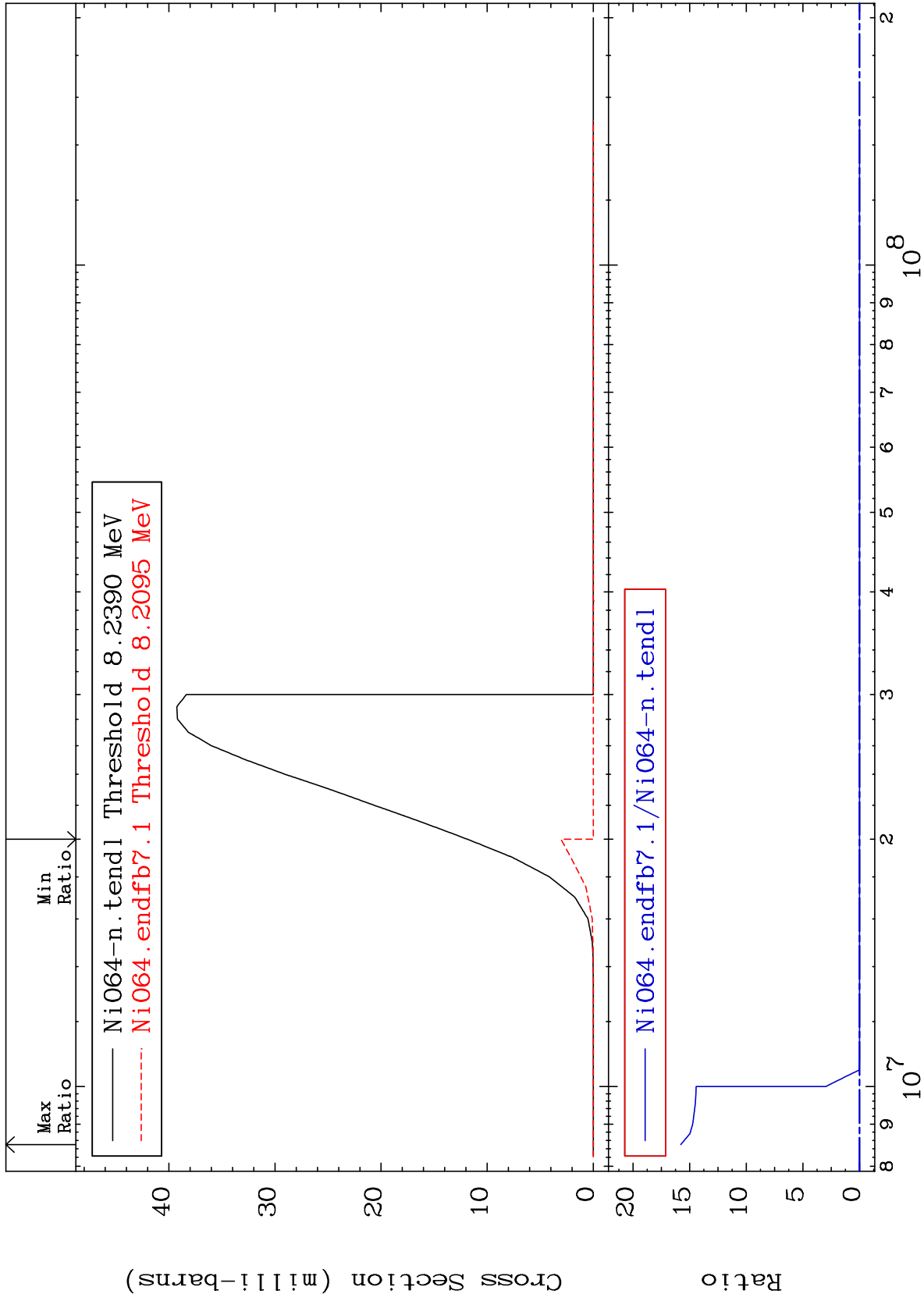
Incident Energy (eV)

5

MAT 2843

(n, n')  $\alpha$   
Cross Section

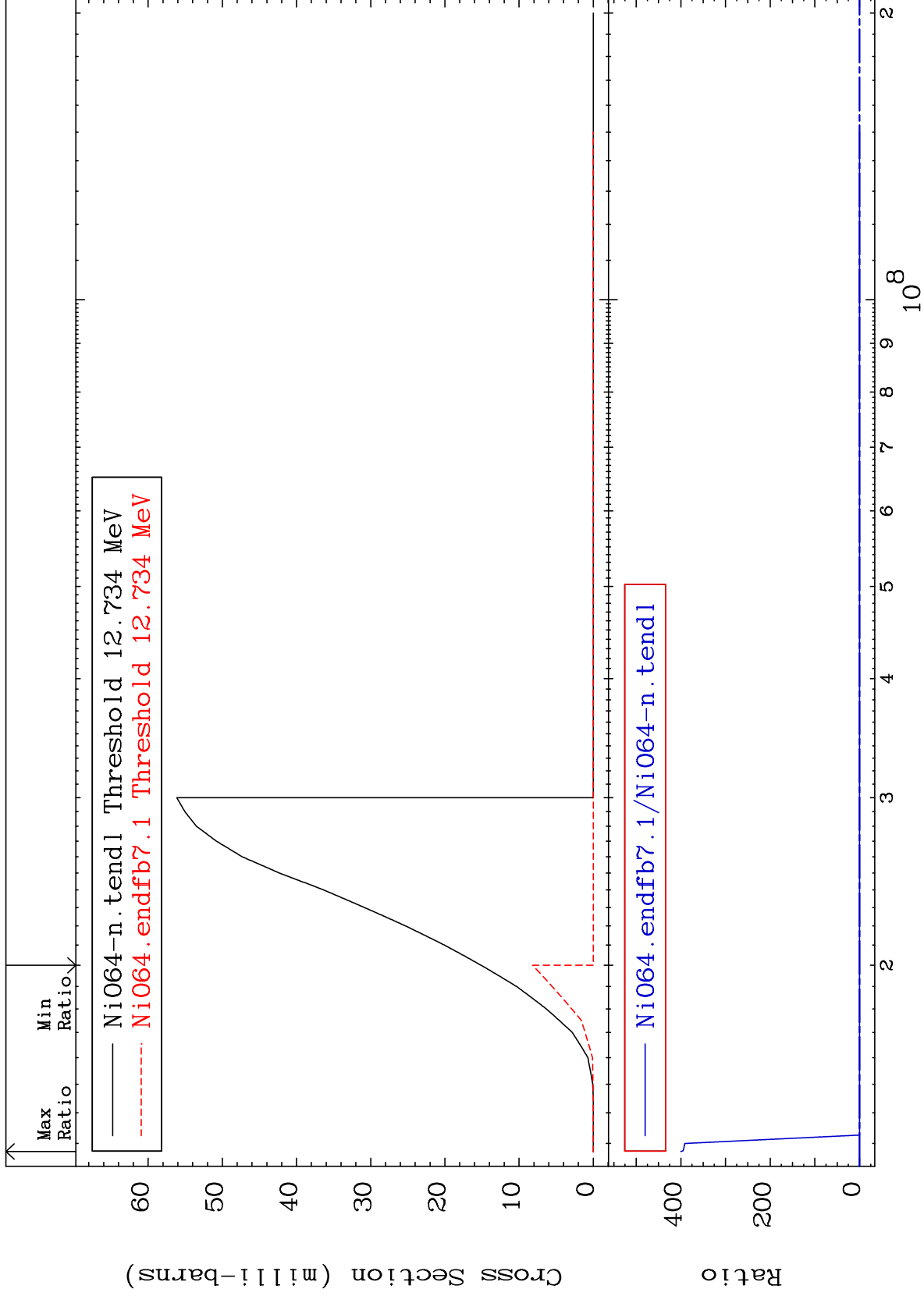
28-Ni-64  
-100.0 To 9999. %



MAT 2843

(n,n') p  
Cross Section

28-Ni-64  
-100.0 To 9999. %



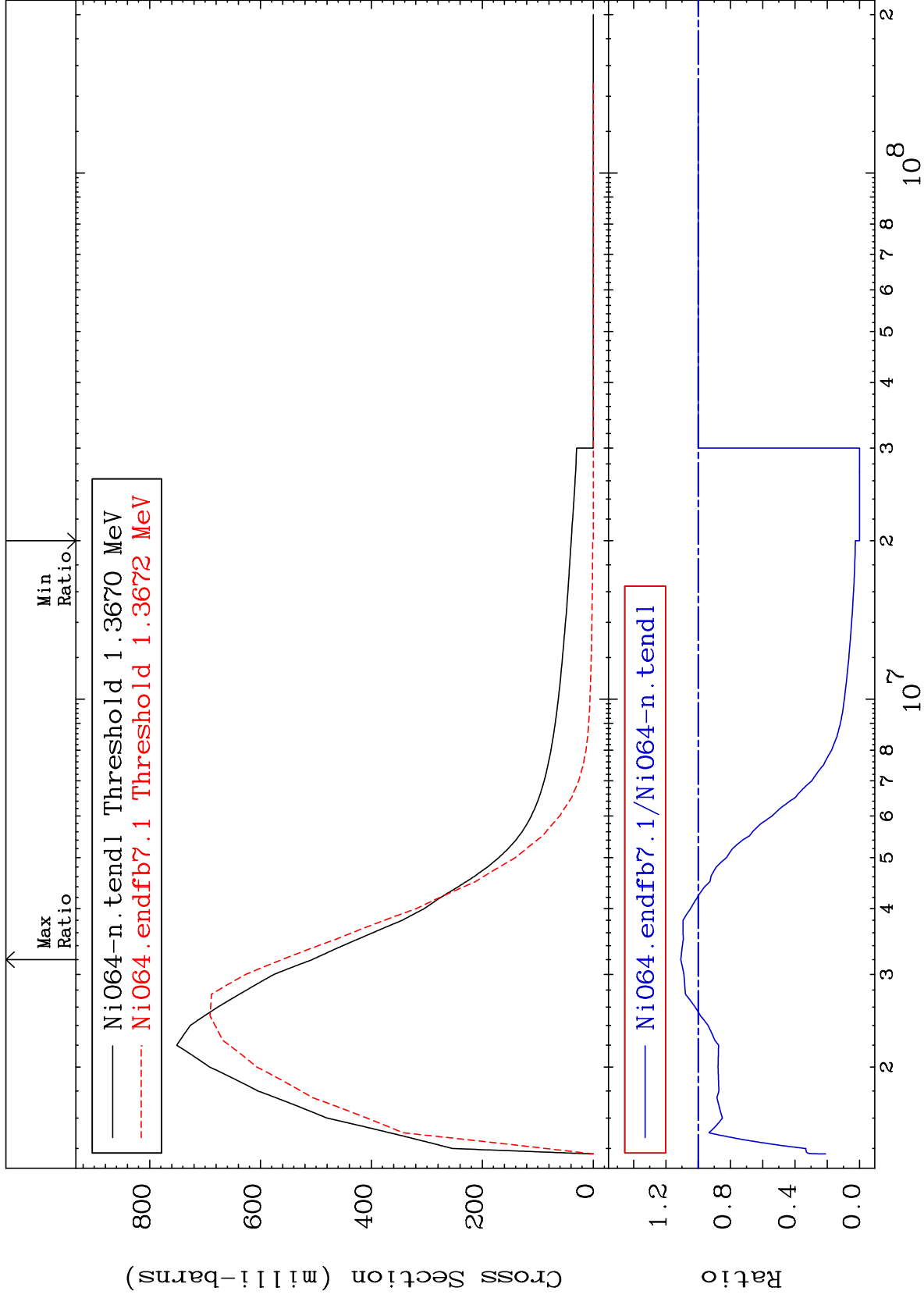
MAT 2843

1.346 MeV (n,n') Level

28-Ni-64

-100.0 To 10.79 %

Cross Section

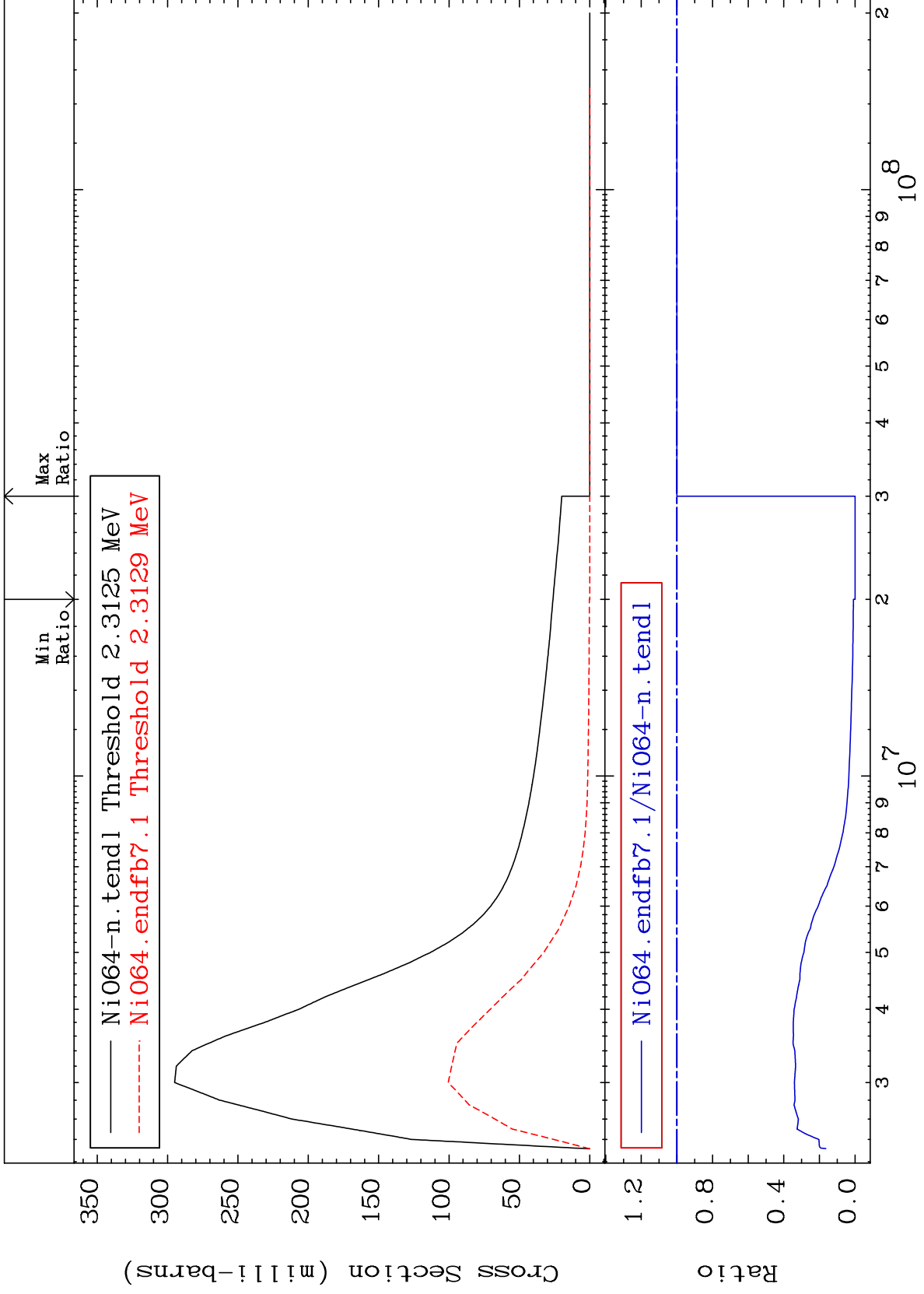




MAT 2843

2.277 MeV (n,n') Level  
Cross Section

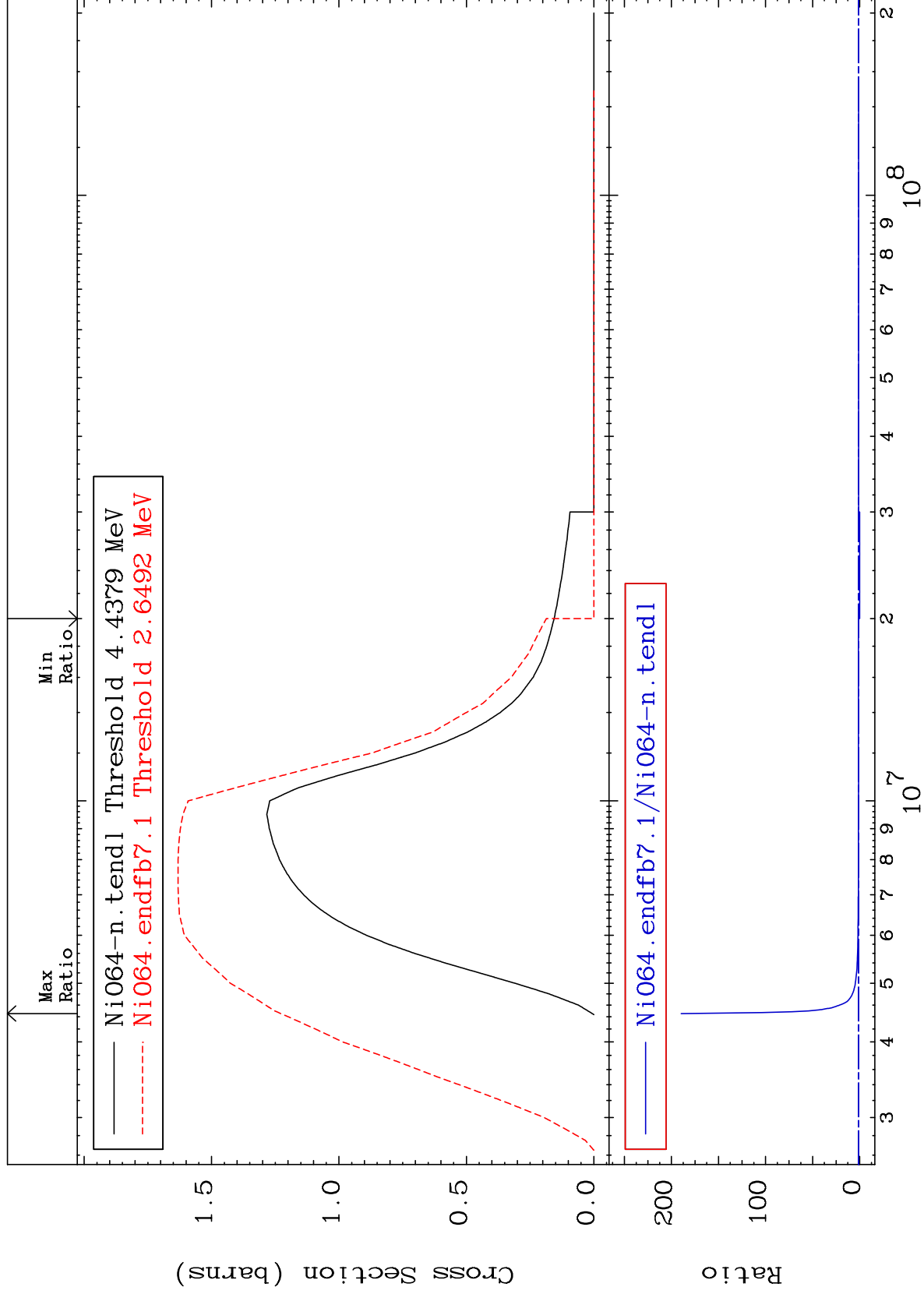
28-Ni-64  
-100.0 To 0.000 %



MAT 2843

(n, n') Continuum  
Cross Section

28-Ni-64  
-100.0 To 9999. %



10

Incident Energy (eV)

28-Ni-64

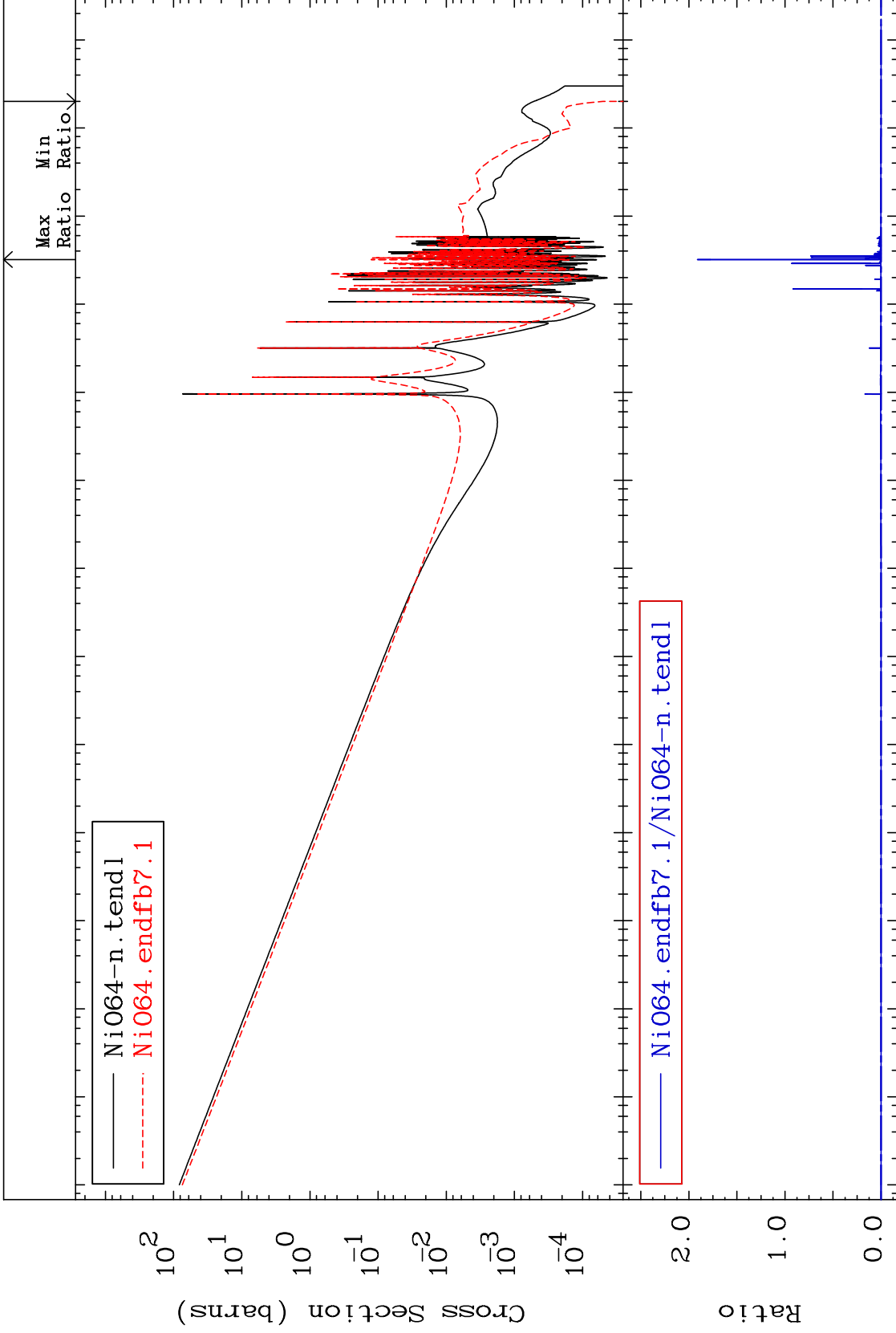
MAT 2843

(n,  $\gamma$ )

28-Ni-64

Cross Section

-100.0 To 9999. %



11

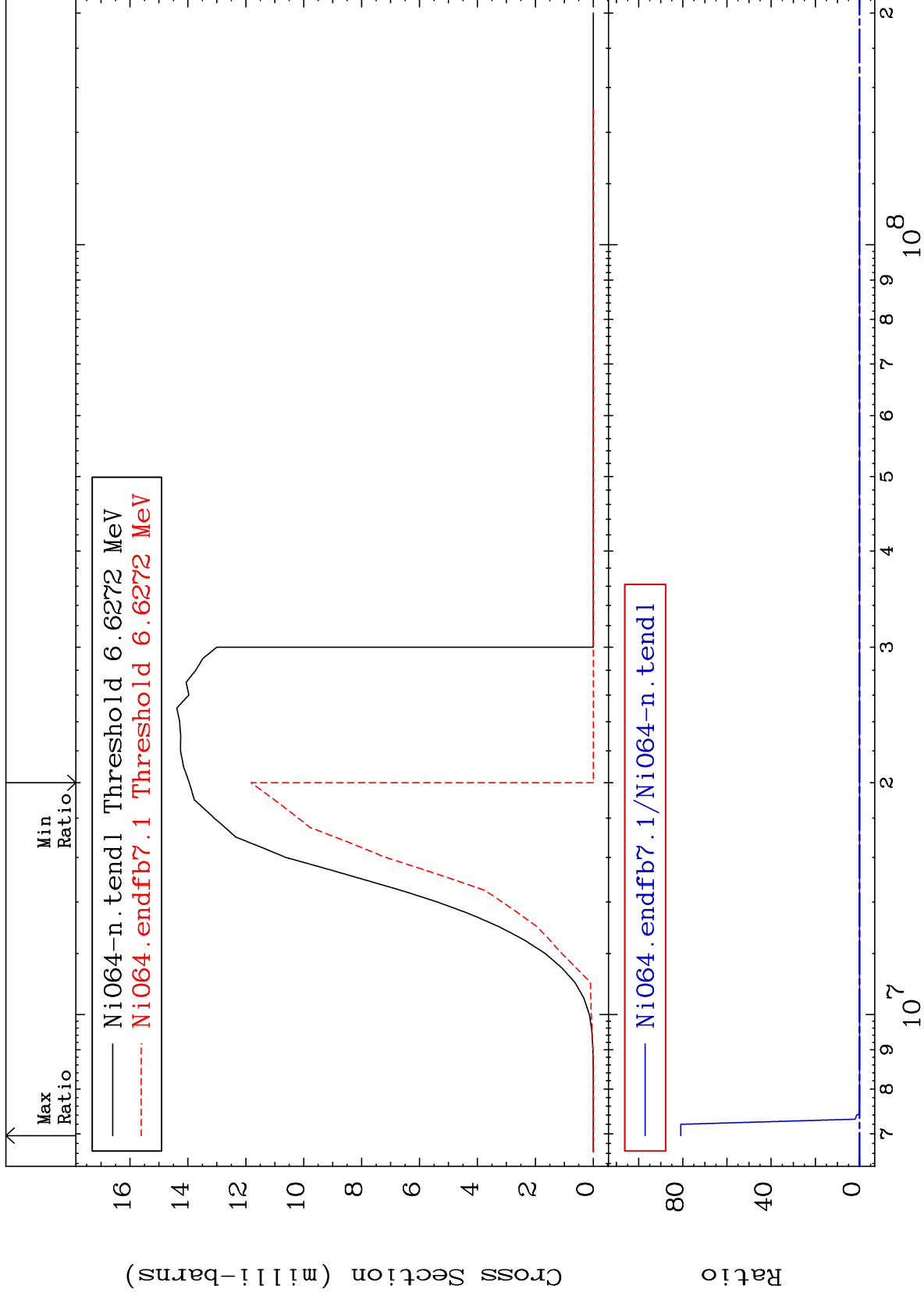
Incident Energy (eV)

28-Ni-64

MAT 2843

(n,p)  
Cross Section

28-Ni-64  
-100.0 To 9999. %



12

Incident Energy (eV)

28-Ni-64

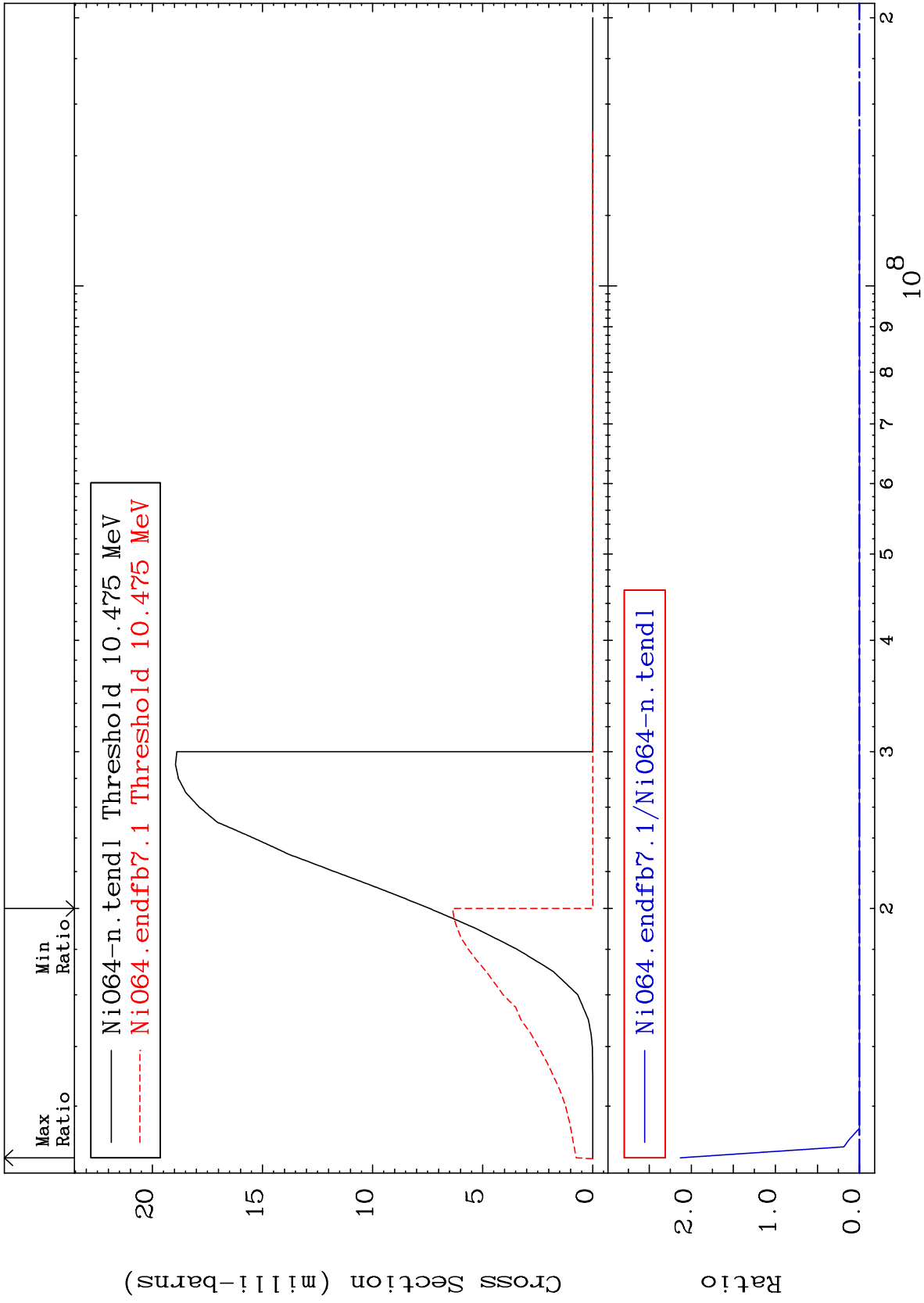
MAT 2843

(n, d)

28-Ni-64

Cross Section

-100.0 To 9999. %



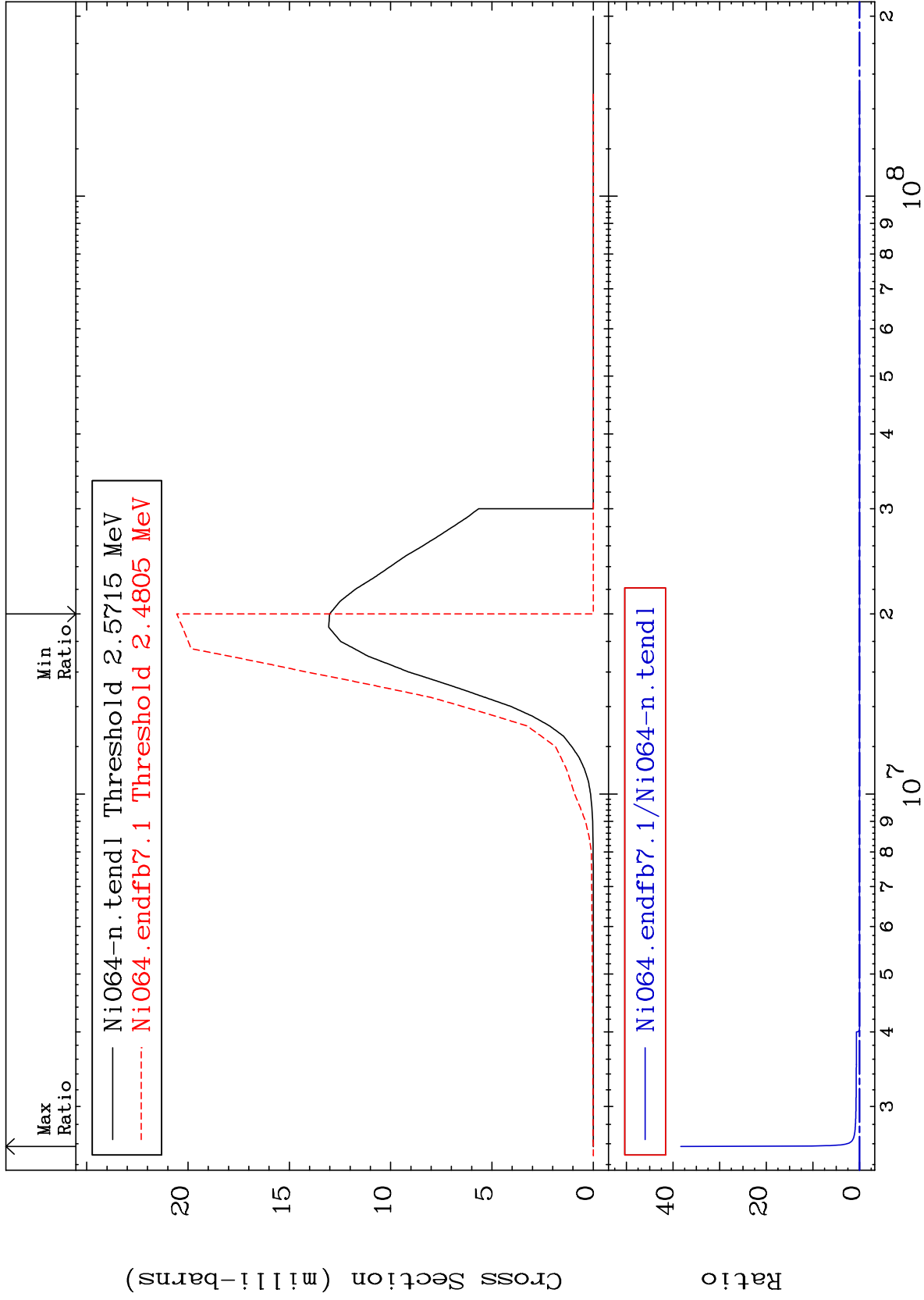
MAT 2843

(n,  $\alpha$ )

28-Ni-64

Cross Section

-100.0 To 9999. %



14

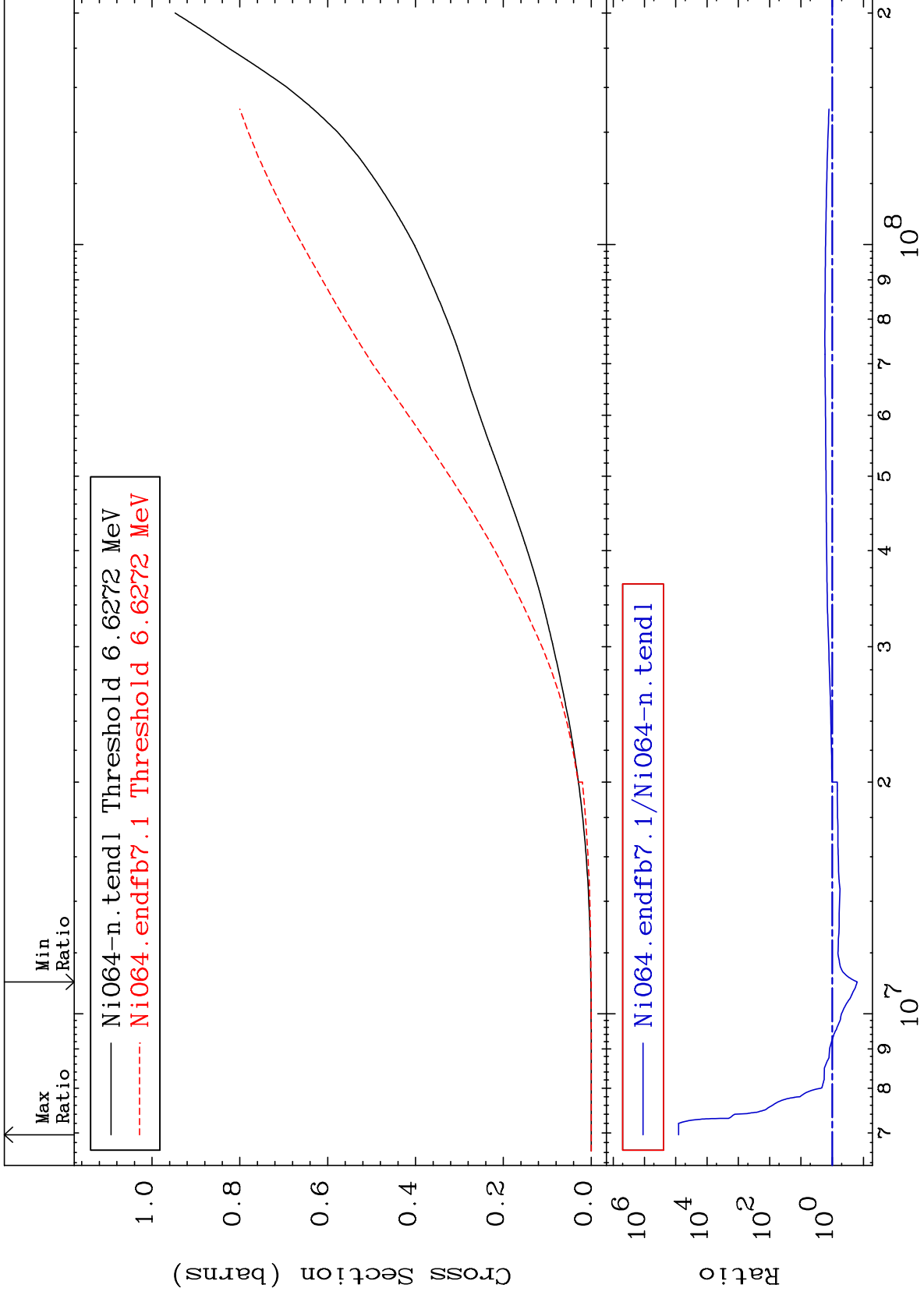
Incident Energy (eV)

28-Ni-64

MAT 2843

Hydrogen Production  
Cross Section

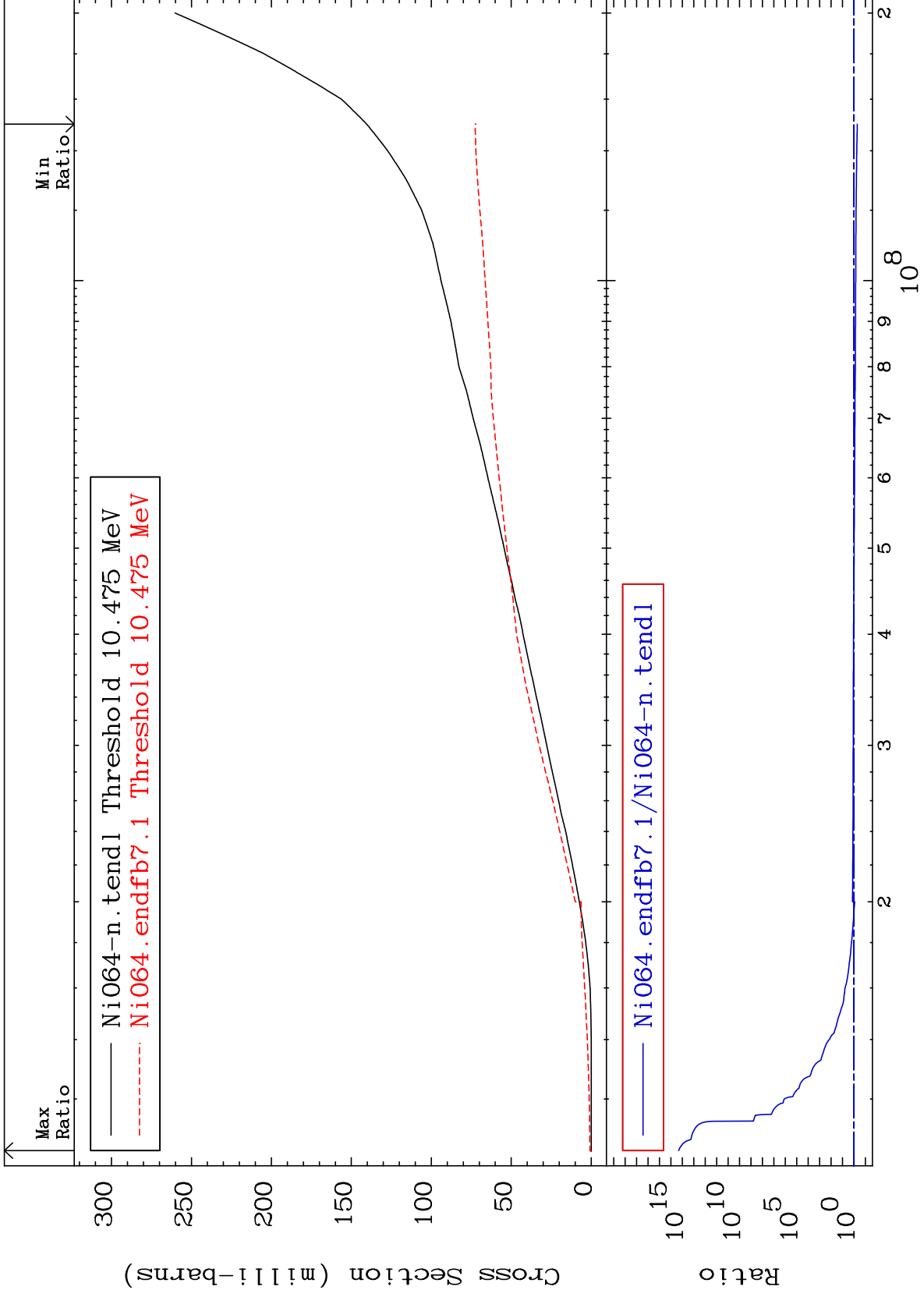
28-Ni-64  
-84.18 To 9999. %



MAT 2843

Deuterium Production  
Cross Section

28-Ni-64  
-48.31 To 9999. %

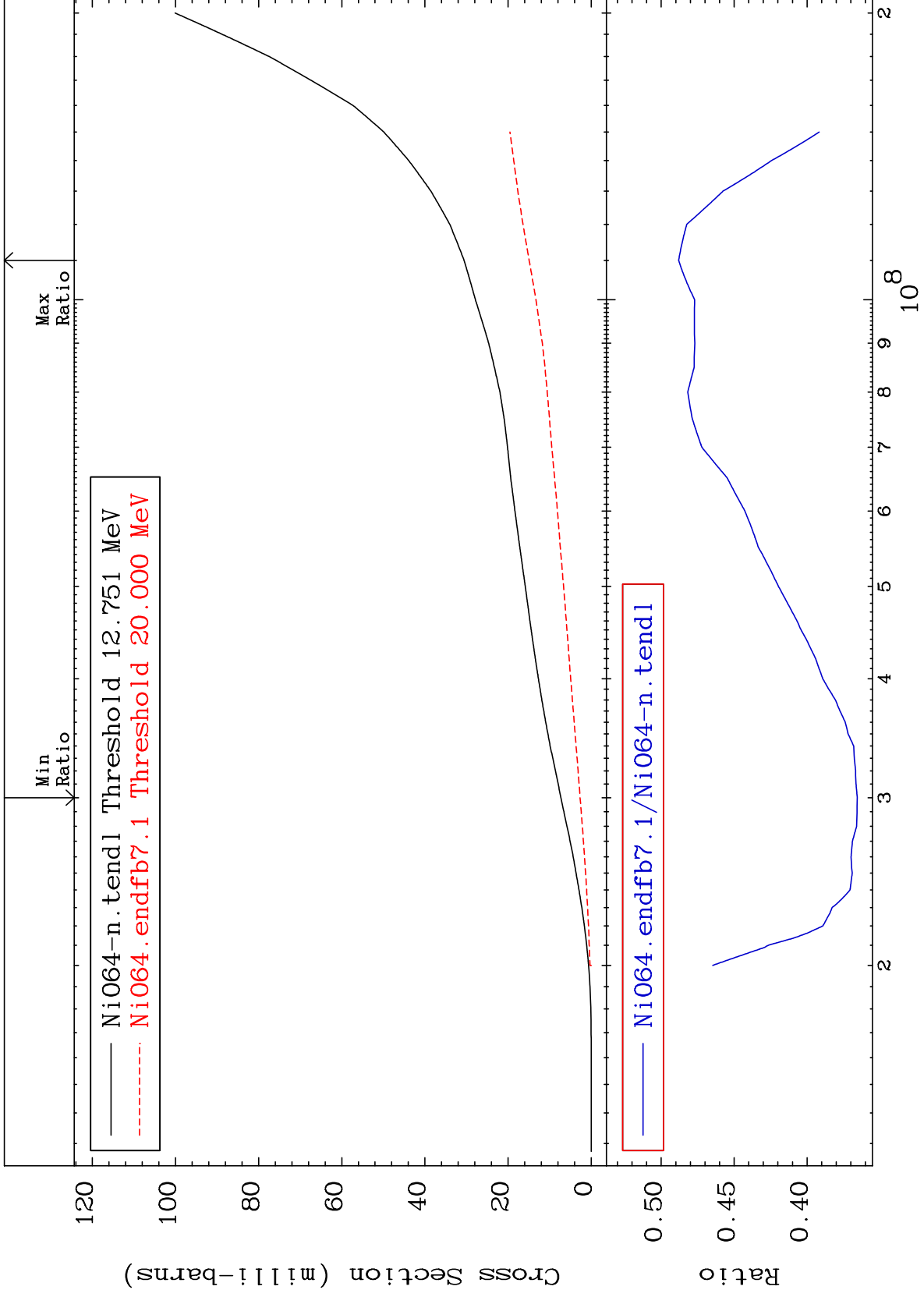




MAT 2843

Tritium Production  
Cross Section

28-Ni-64  
-63.44 To -51.20%



17

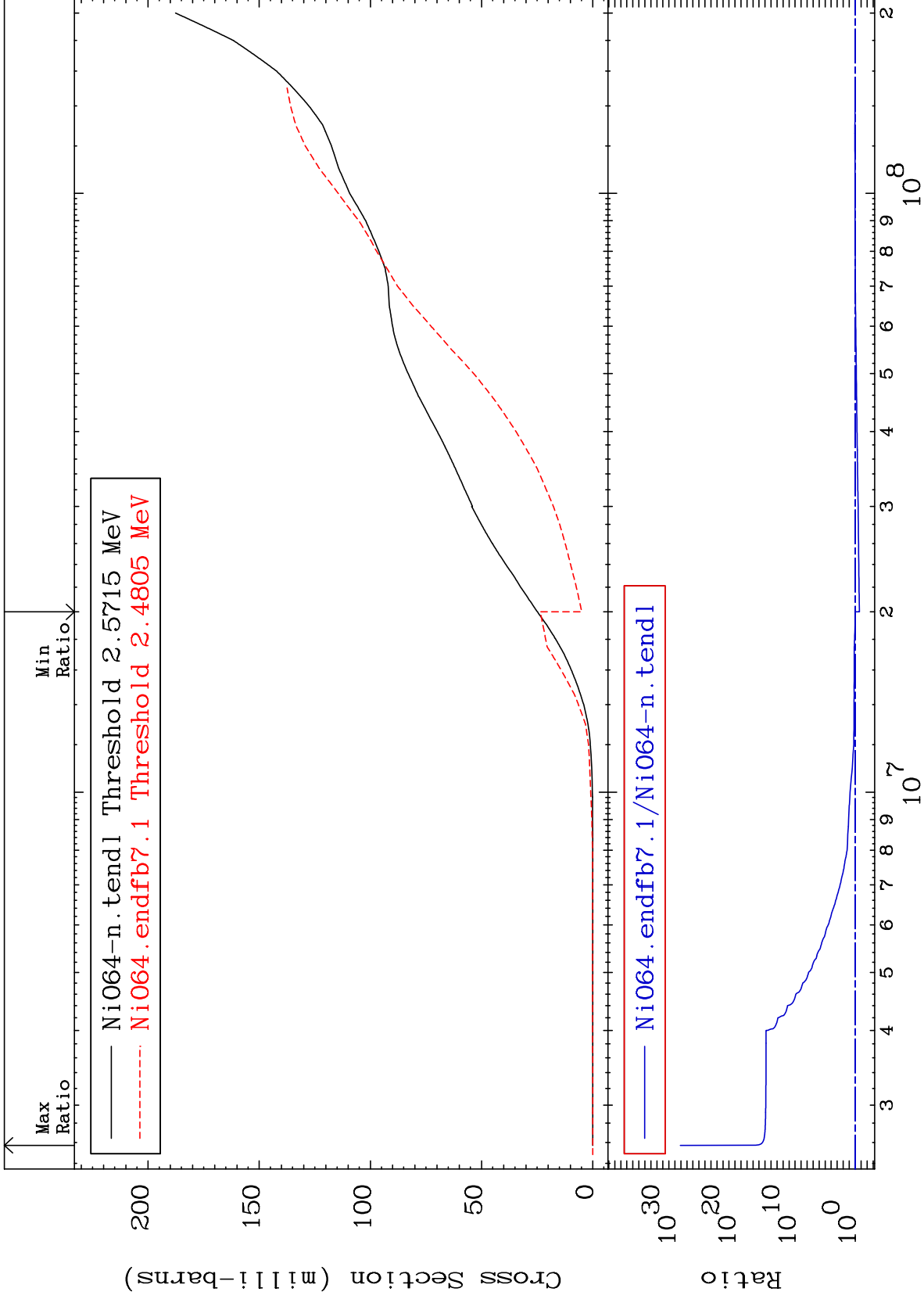
Incident Energy (eV)

28-Ni-64

MAT 2843

He-4 Production  
Cross Section

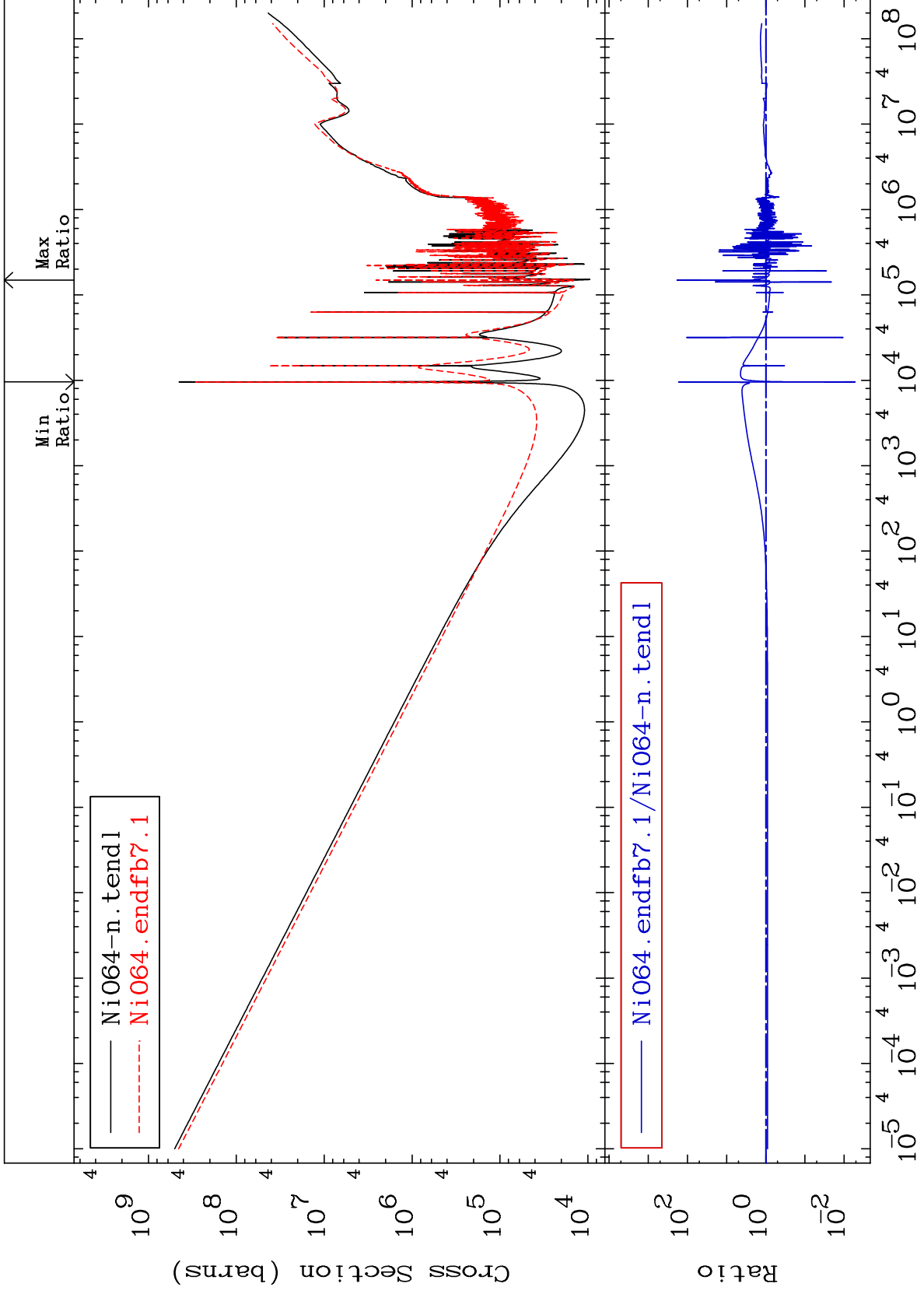
28-Ni-64  
-80.39 To 9999. %



MAT 2843

Kerma total (eV-barns)  
Cross Section

28-Ni-64  
-99.47 To 9999. %



19

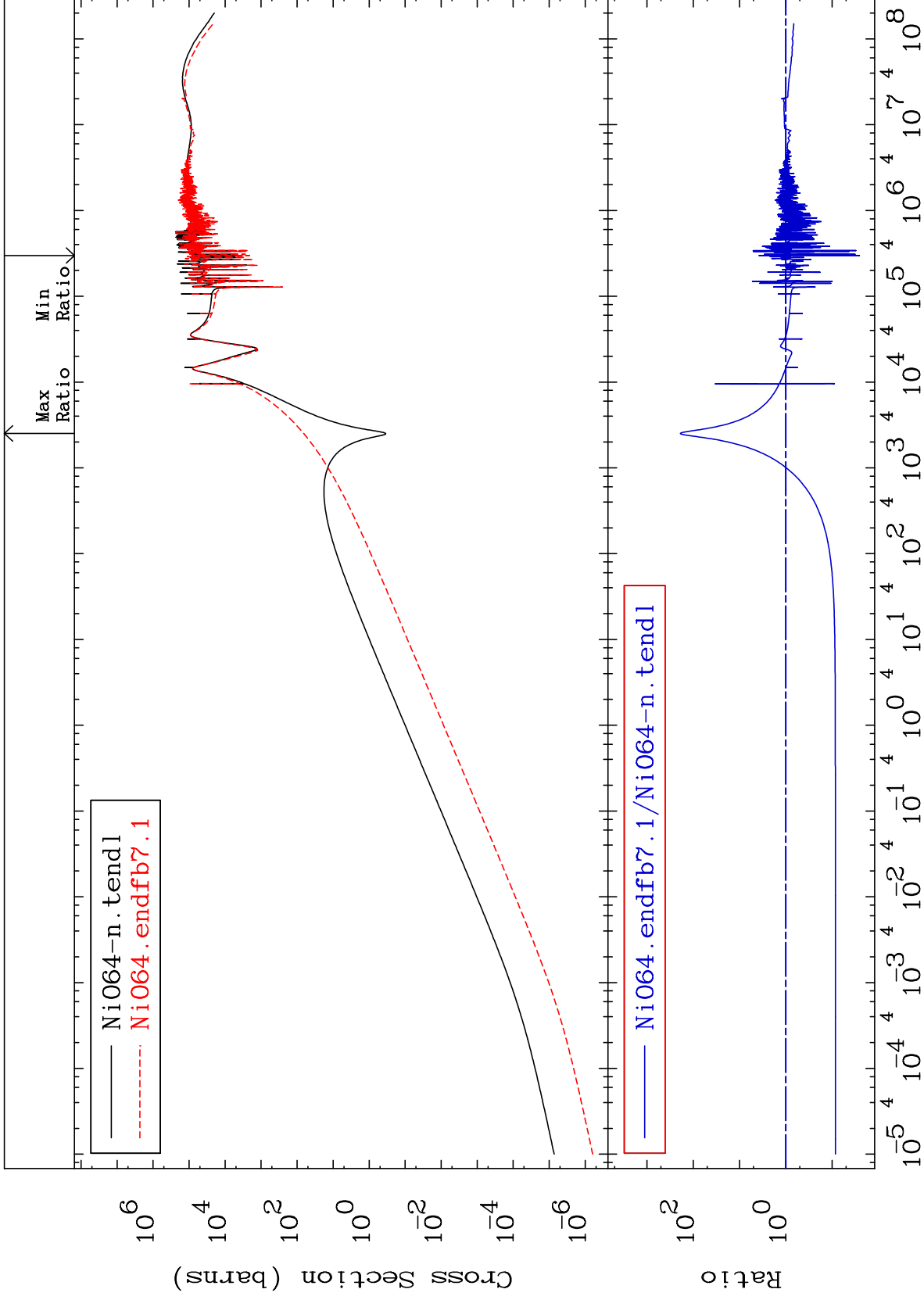
Incident Energy (eV)

28-Ni-64

MAT 2843

Kerma elastic  
Cross Section

28-Ni-64  
-97.43 To 9999. %



20

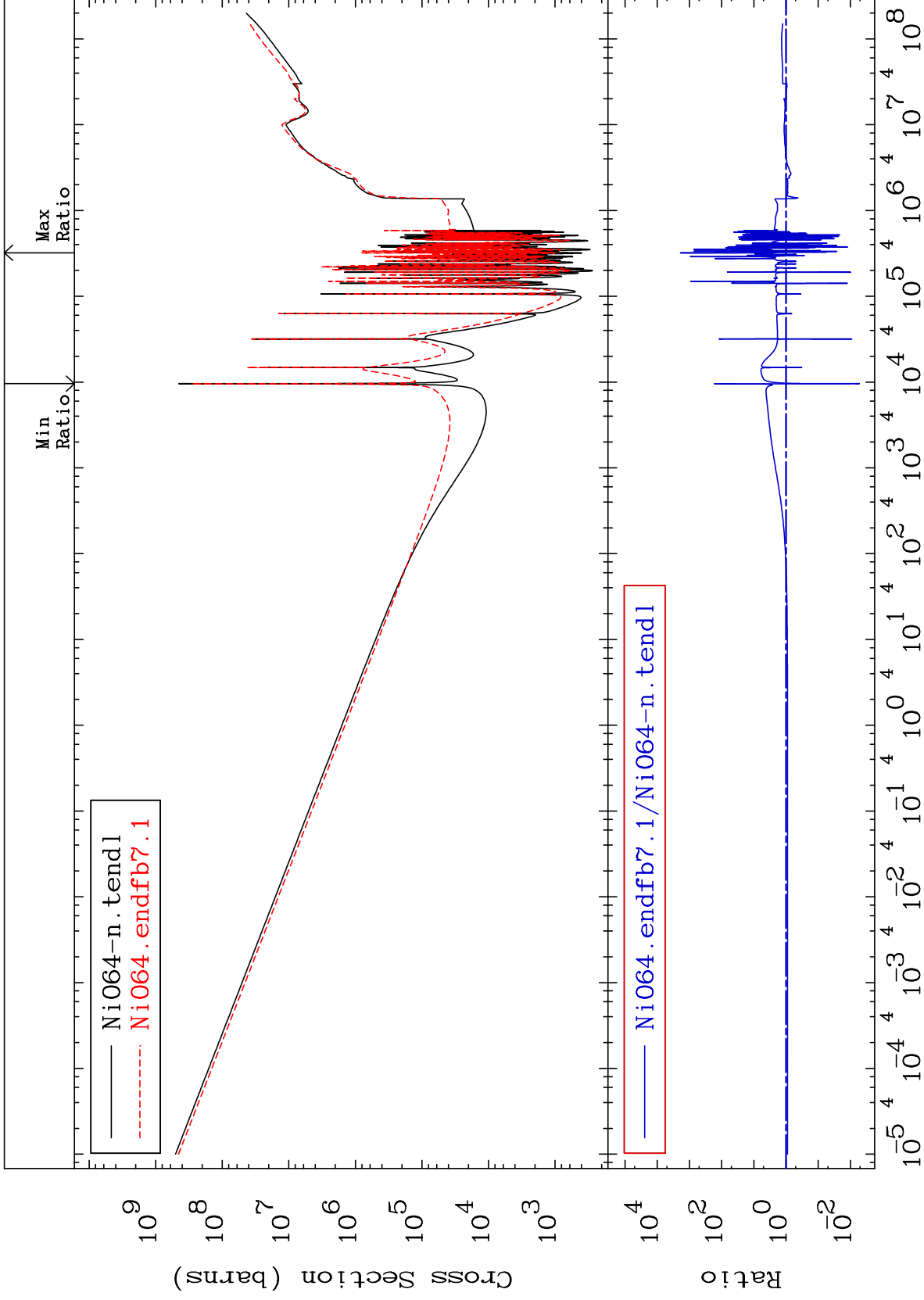
Incident Energy (eV)

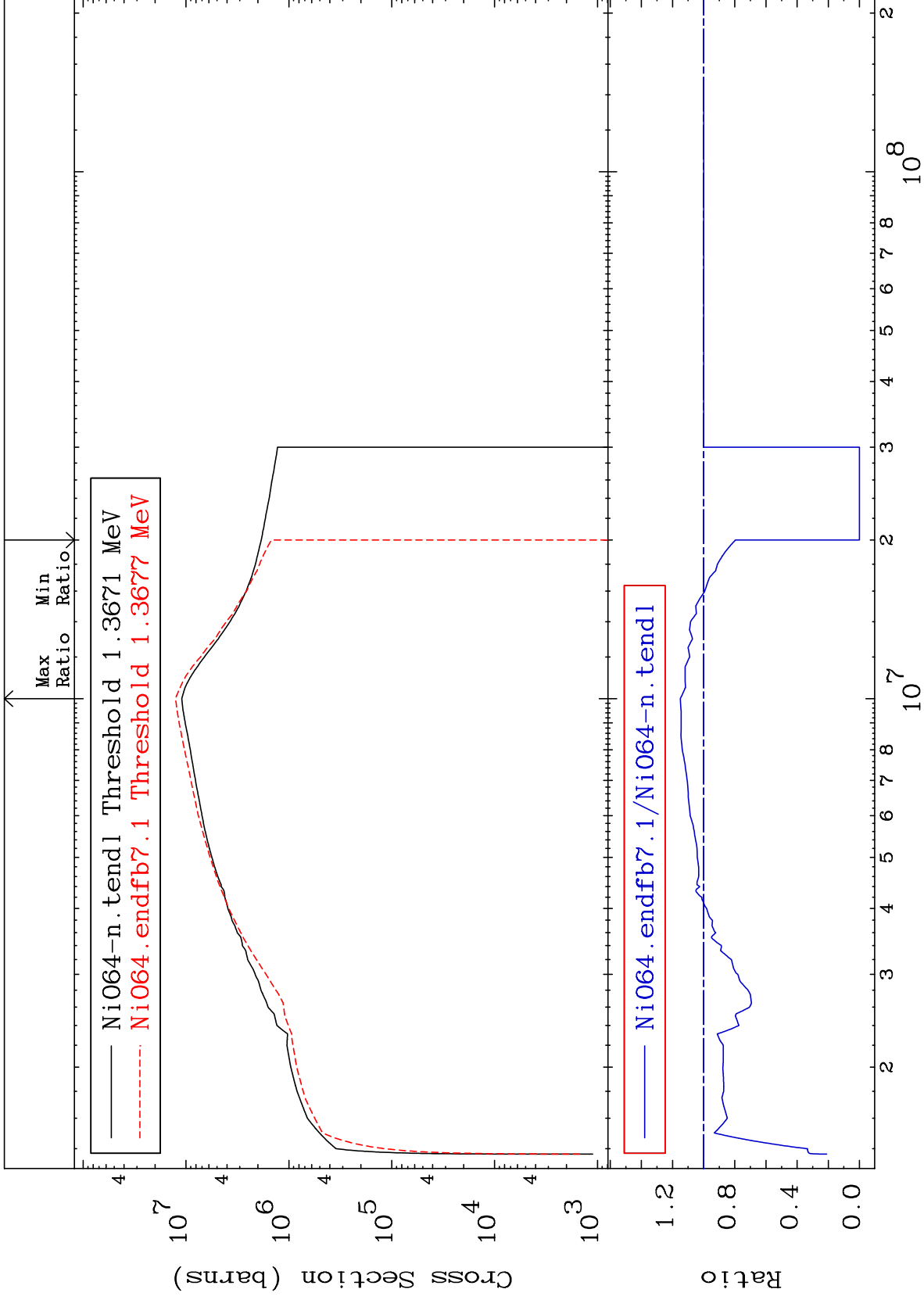
28-Ni-64

MAT 2843

Kerma non-elastic (all but mt2)  
Cross Section

28-Ni-64  
-99.47 To 9999. %

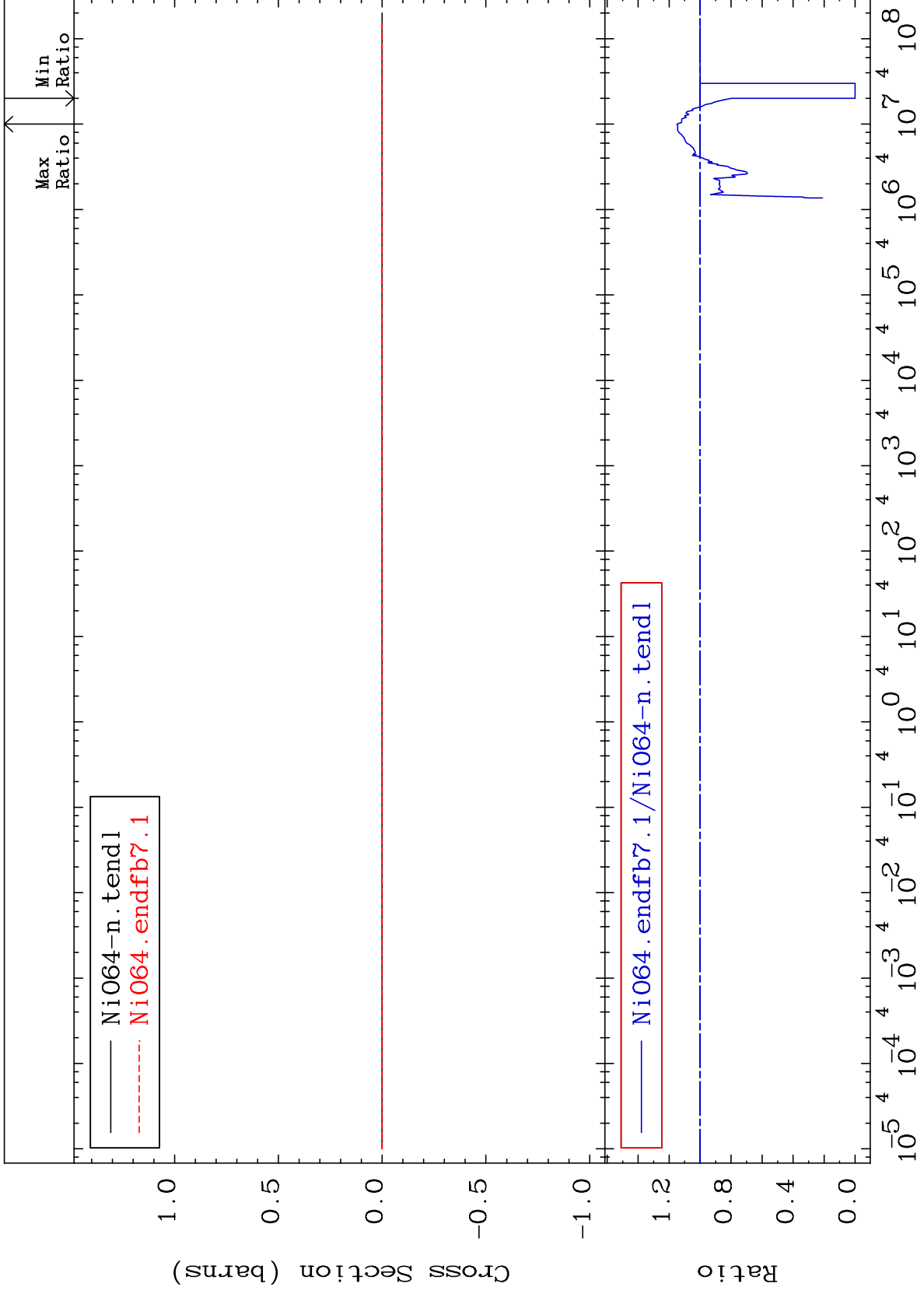




MAT 2843

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

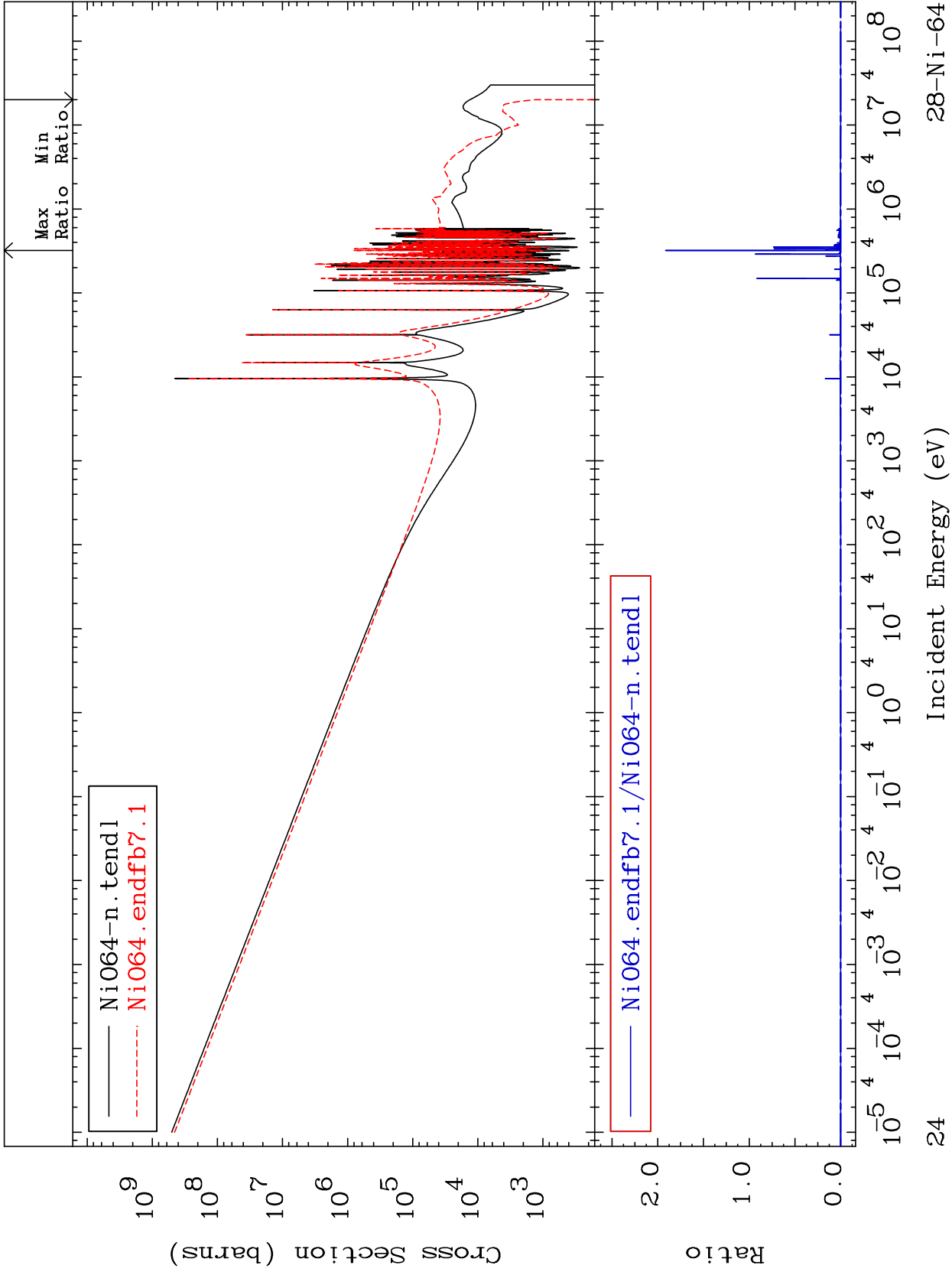
28-Ni-64  
-100.0 To 14.98 %



MAT 2843

Kerma capture (mt102)  
Cross Section

28-Ni-64  
-100.0 To 9999. %

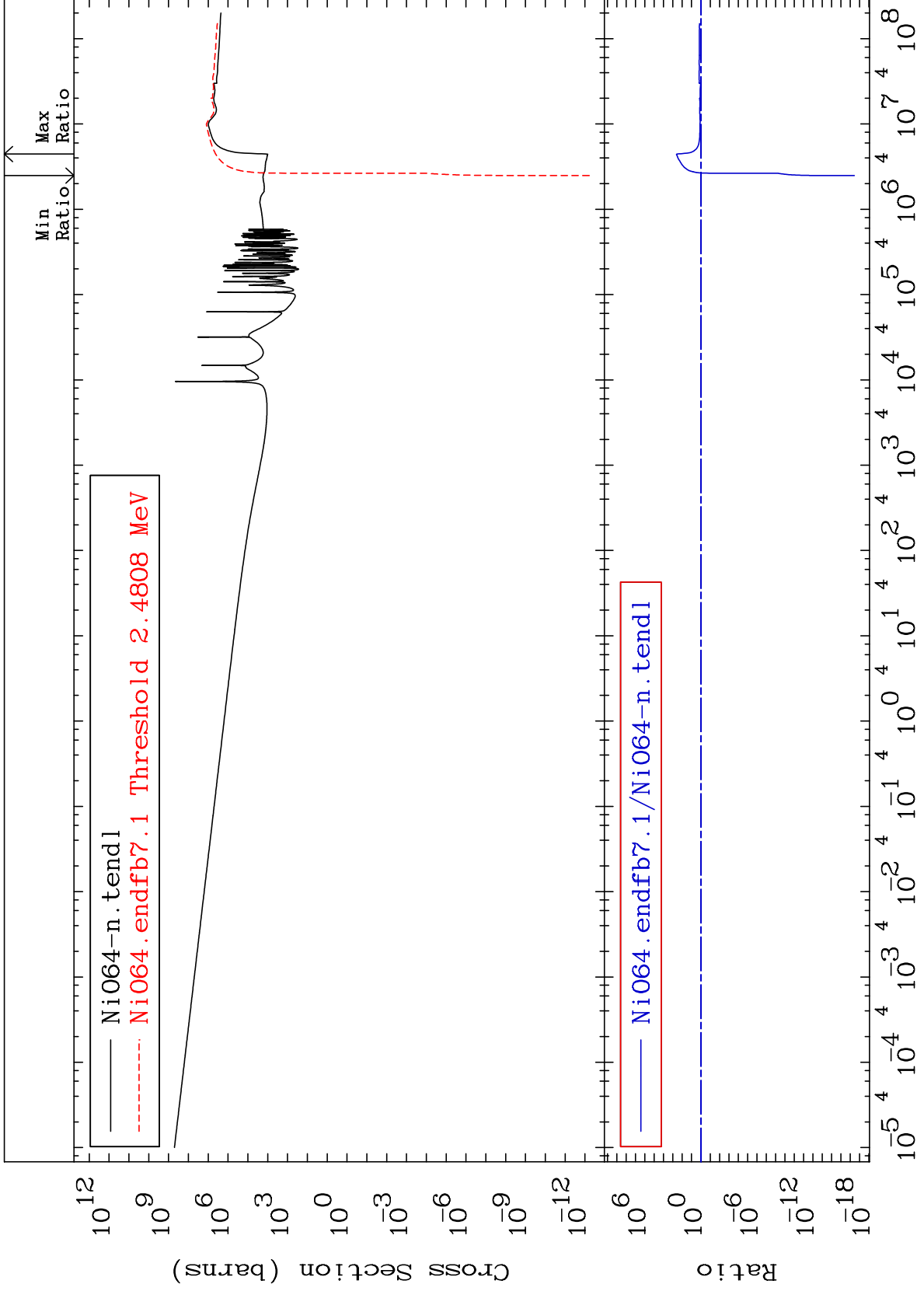


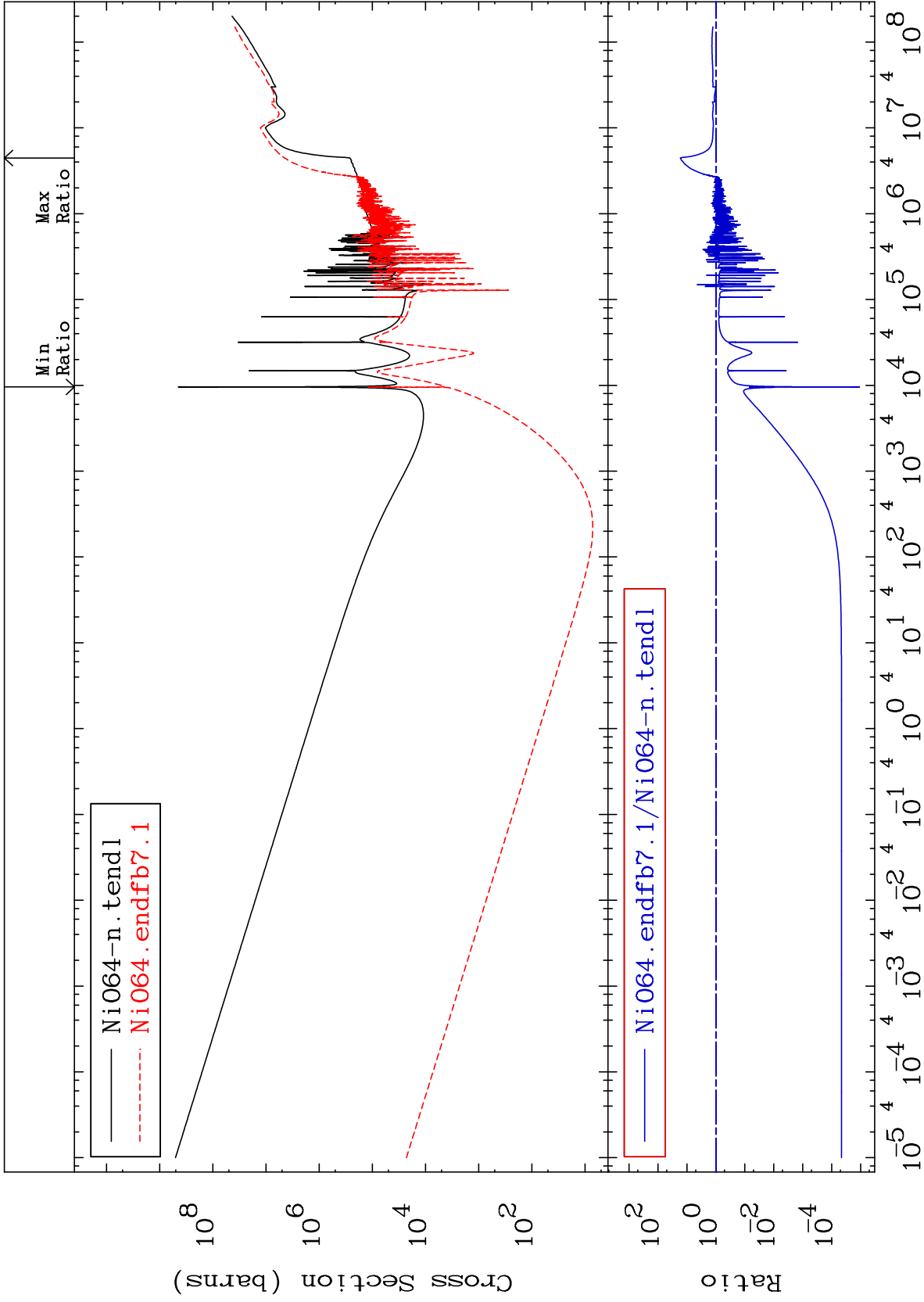


MAT 2843

Total photon (eV-barns)  
Cross Section

28-Ni-64  
-100.0 To 9999. %

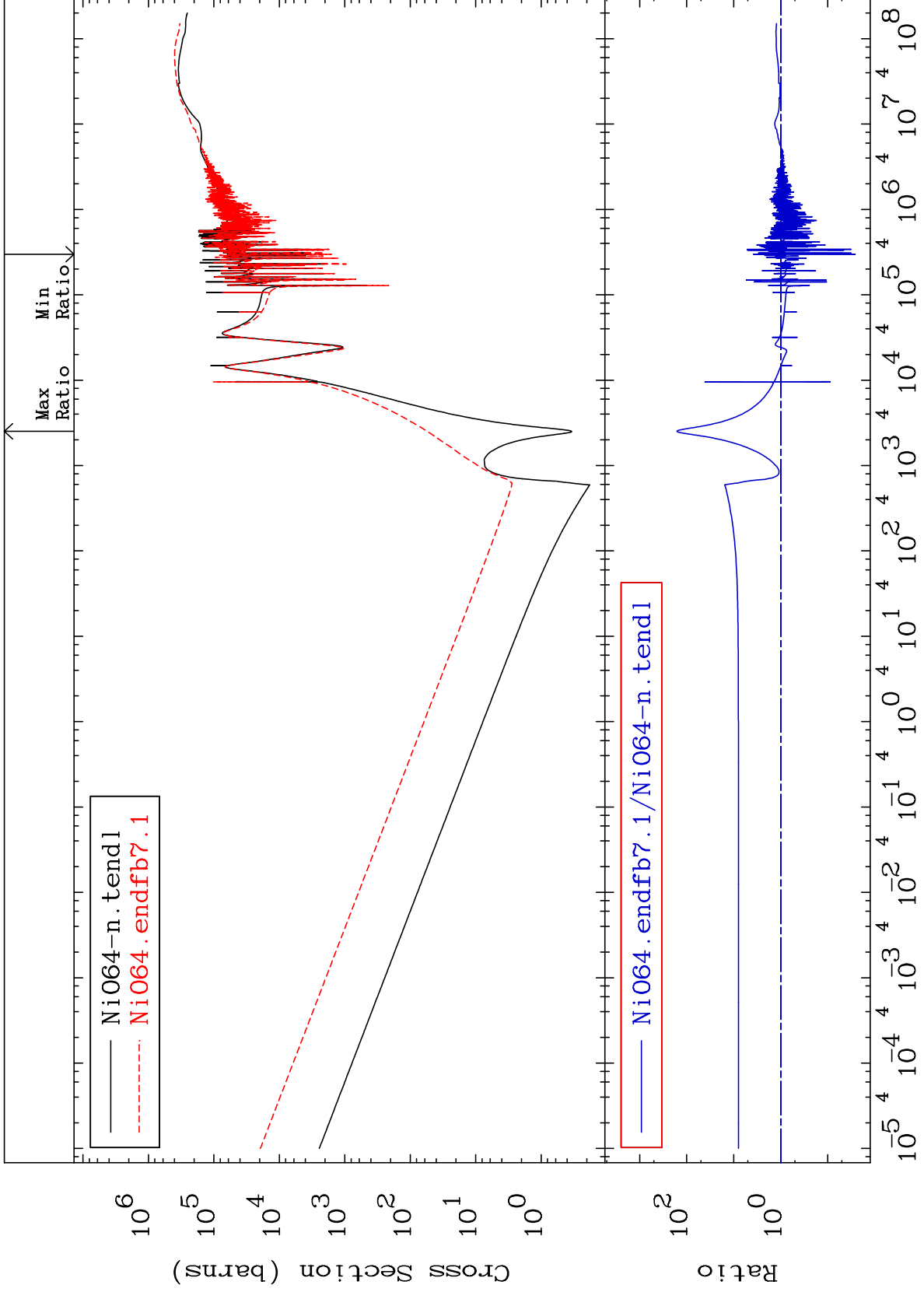




MAT 2843

Dpa total (eV-barns)  
Cross Section

28-Ni-64  
-97.38 To 9999. %



27

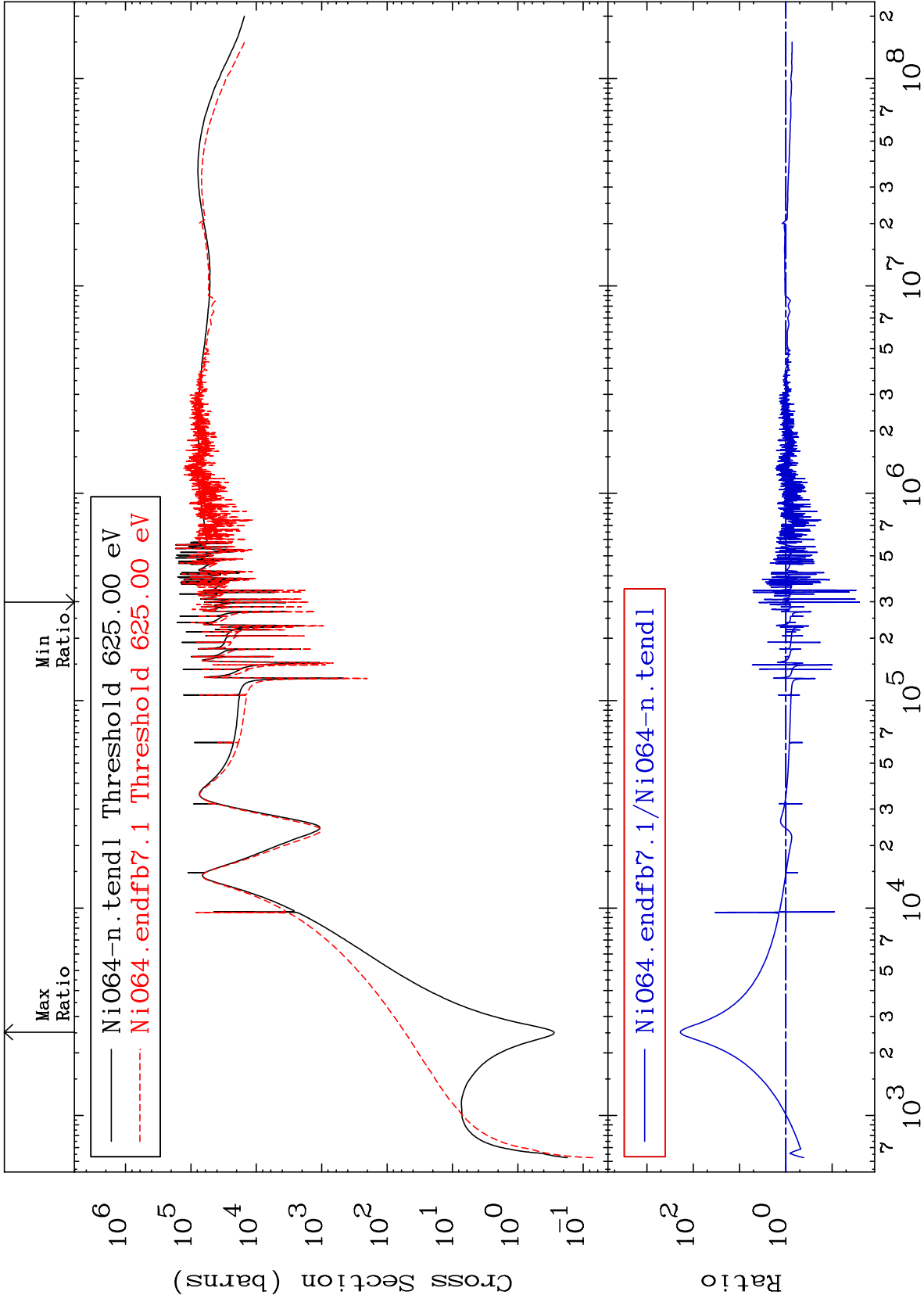
Incident Energy (eV)

28-Ni-64

MAT 2843

Dpa elastic (mt2)  
Cross Section

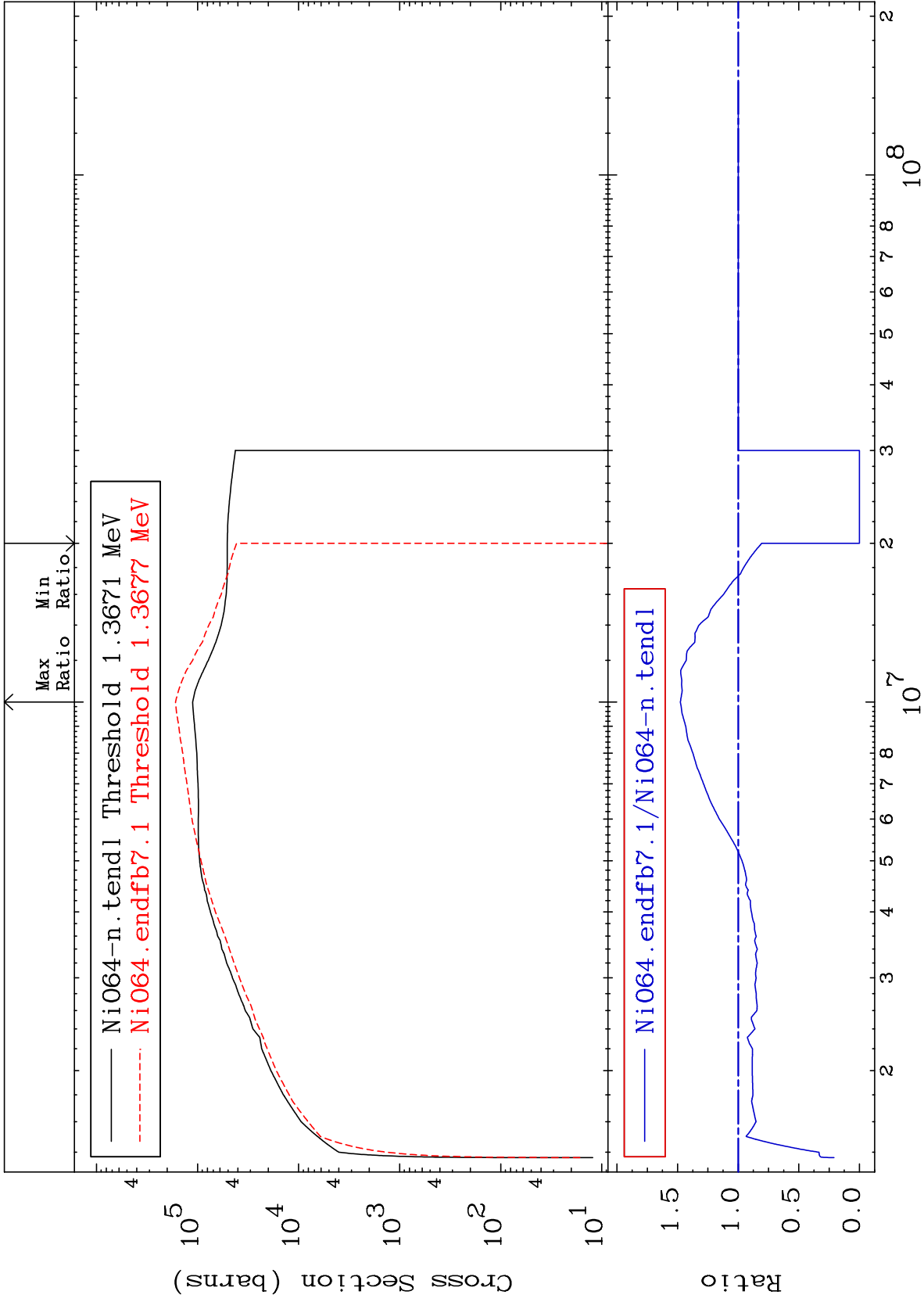
28-Ni-64  
-97.43 To 9999. %



28

Incident Energy (eV)

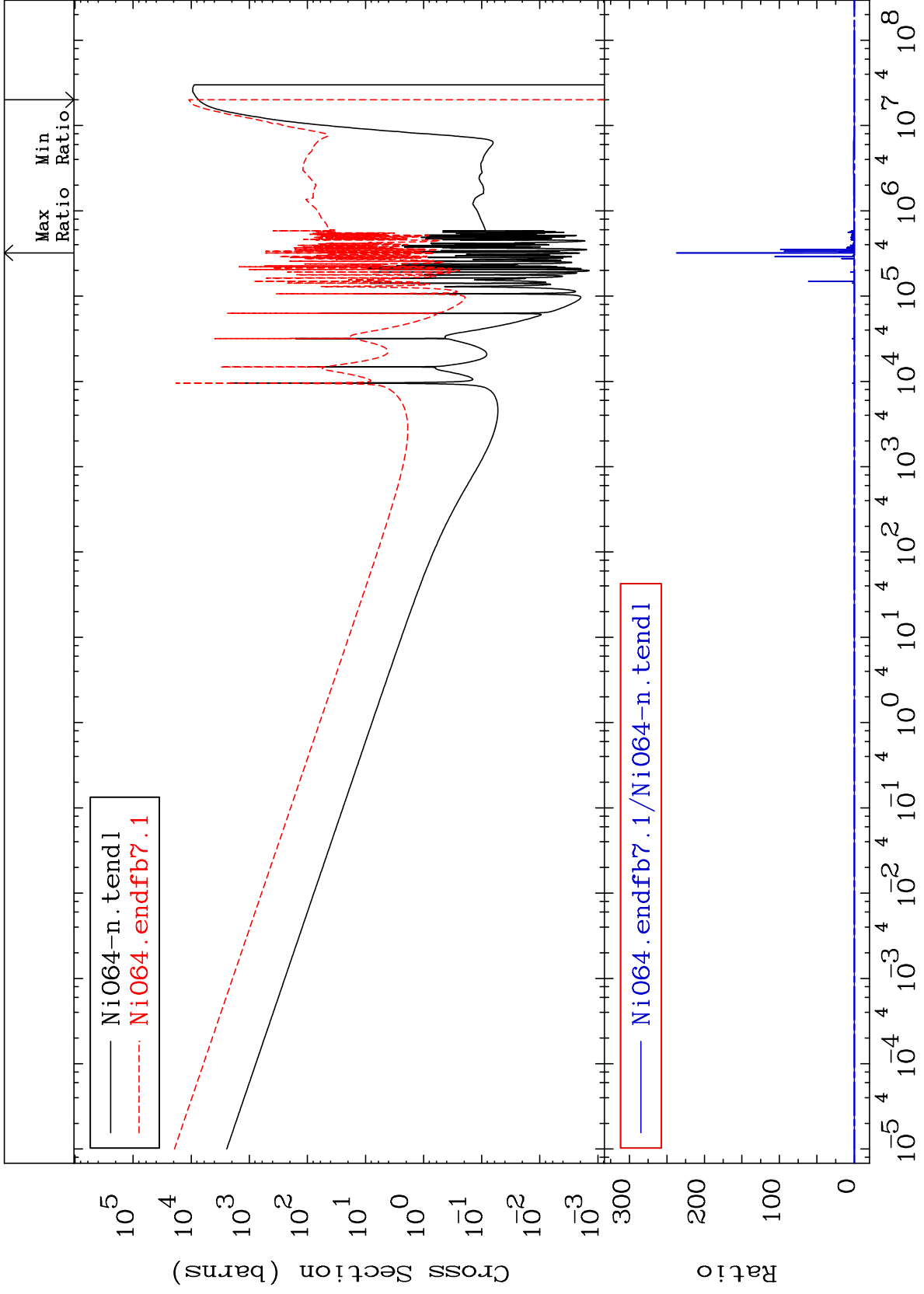
28-Ni-64



MAT 2843

Dpa disappearance (mt102 -120)  
Cross Section

28-Ni-64  
-100.0 To 9999. %



30

Incident Energy (eV)

28-Ni-64