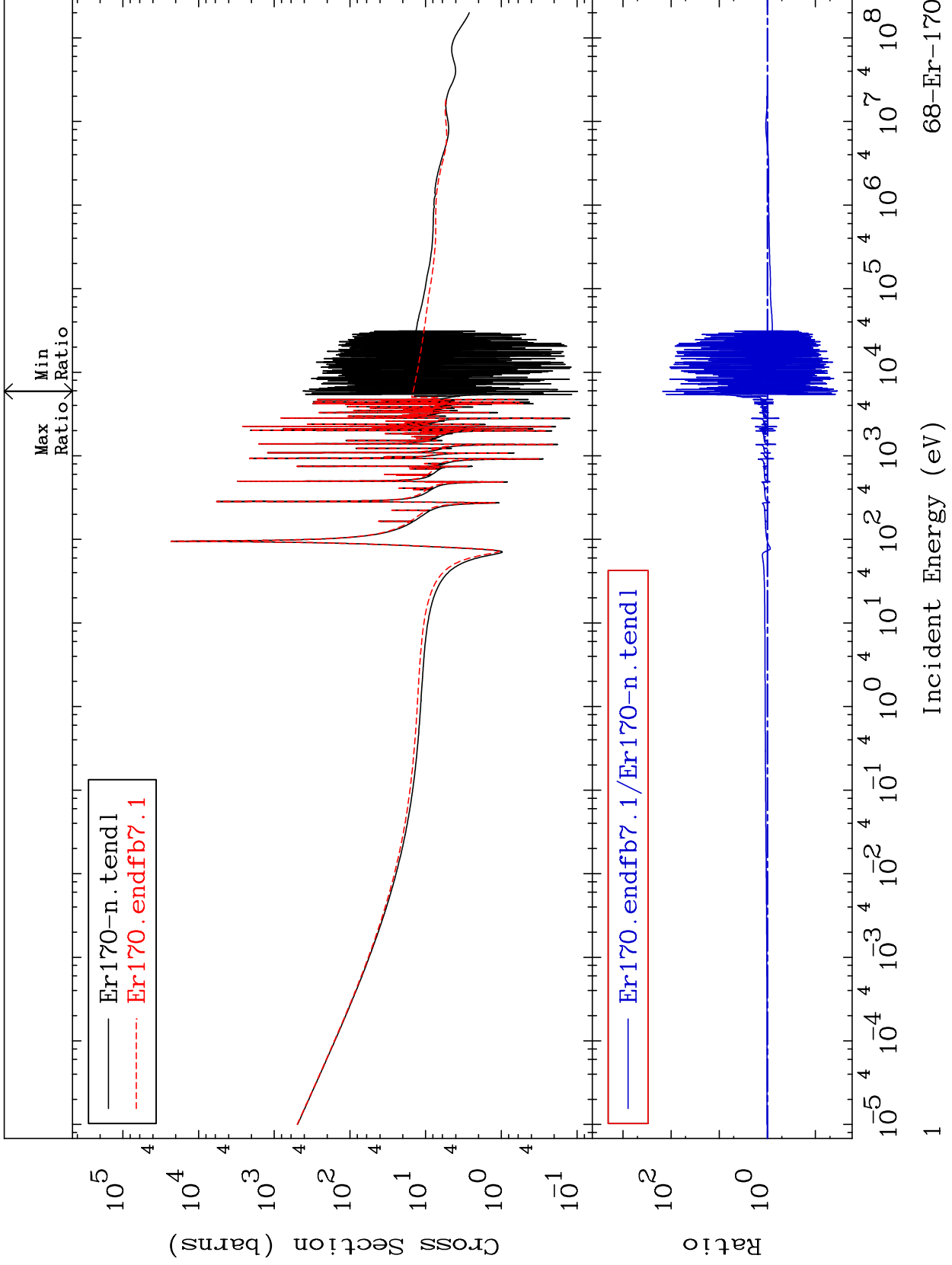


MAT 6849

Total  
Cross Section

68-Er-170  
-96.48 To 9999. %



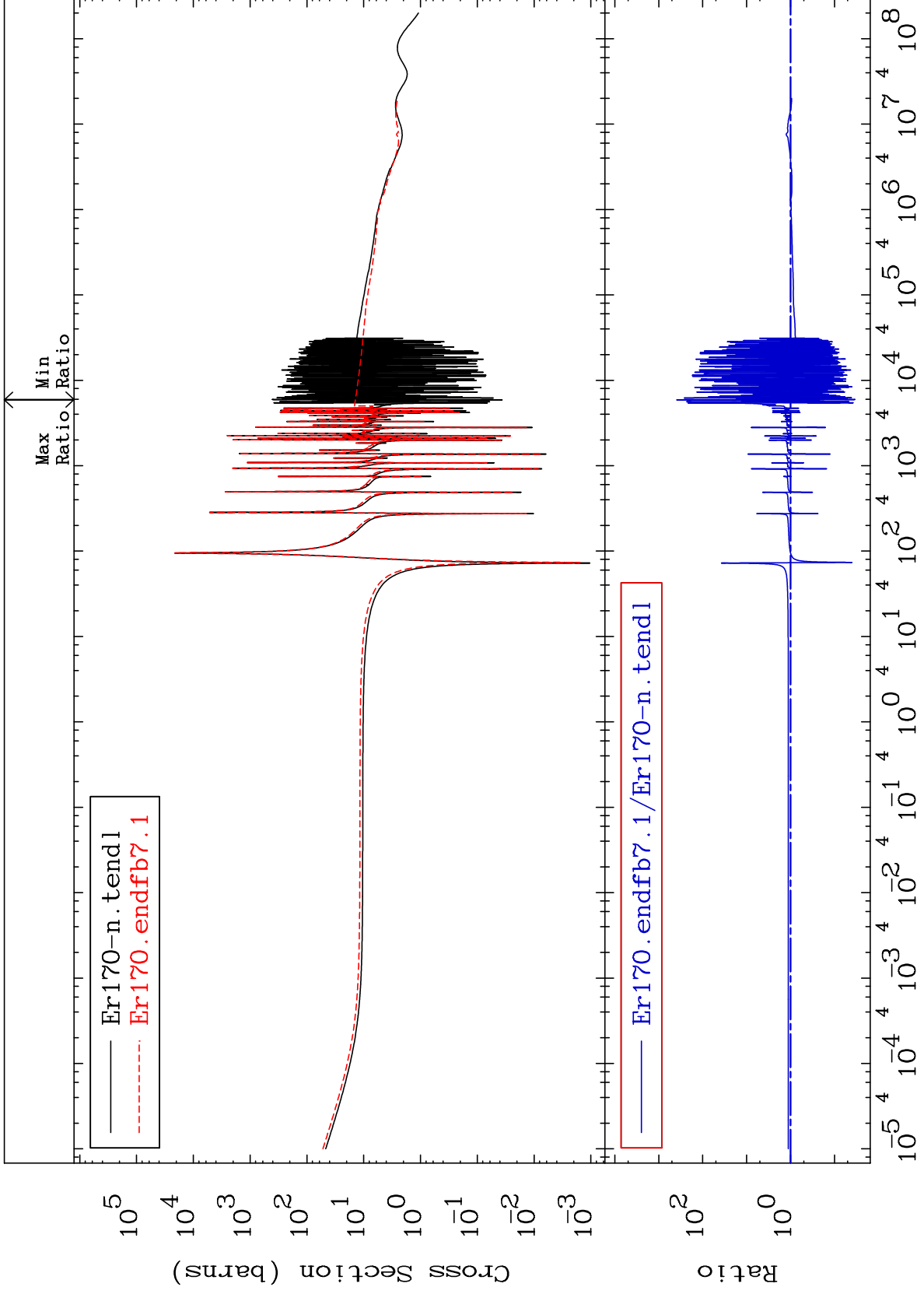
Incident Energy (eV)

68-Er-170

MAT 6849

Elastic  
Cross Section

68-Er-170  
-96.61 To 9999. %



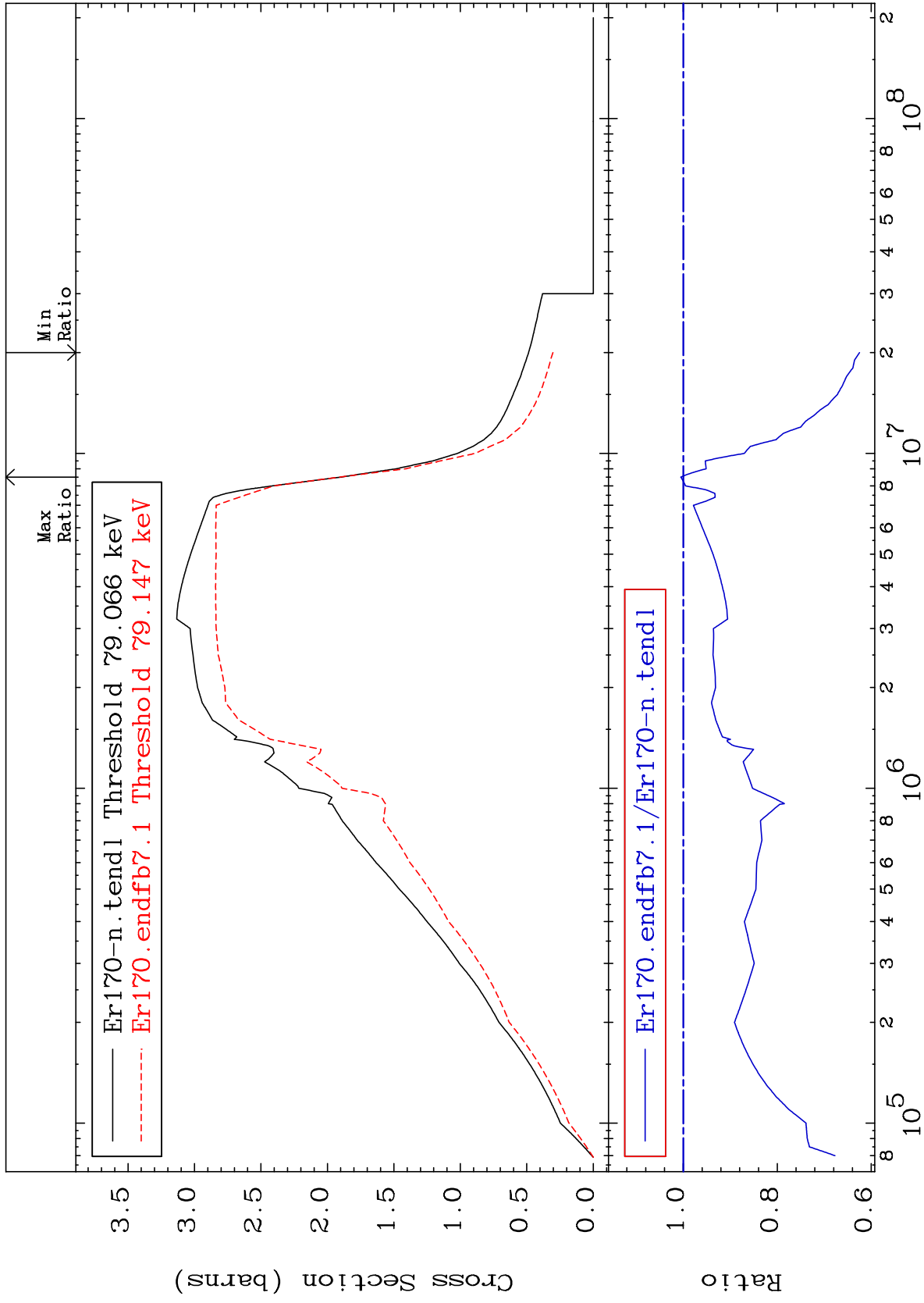
Incident Energy (eV)

68-Er-170

2

MAT 6849

Inelastic Cross Section  
68-Er-170  
-37.51 To 0.536 %



3

Incident Energy (eV)

68-Er-170

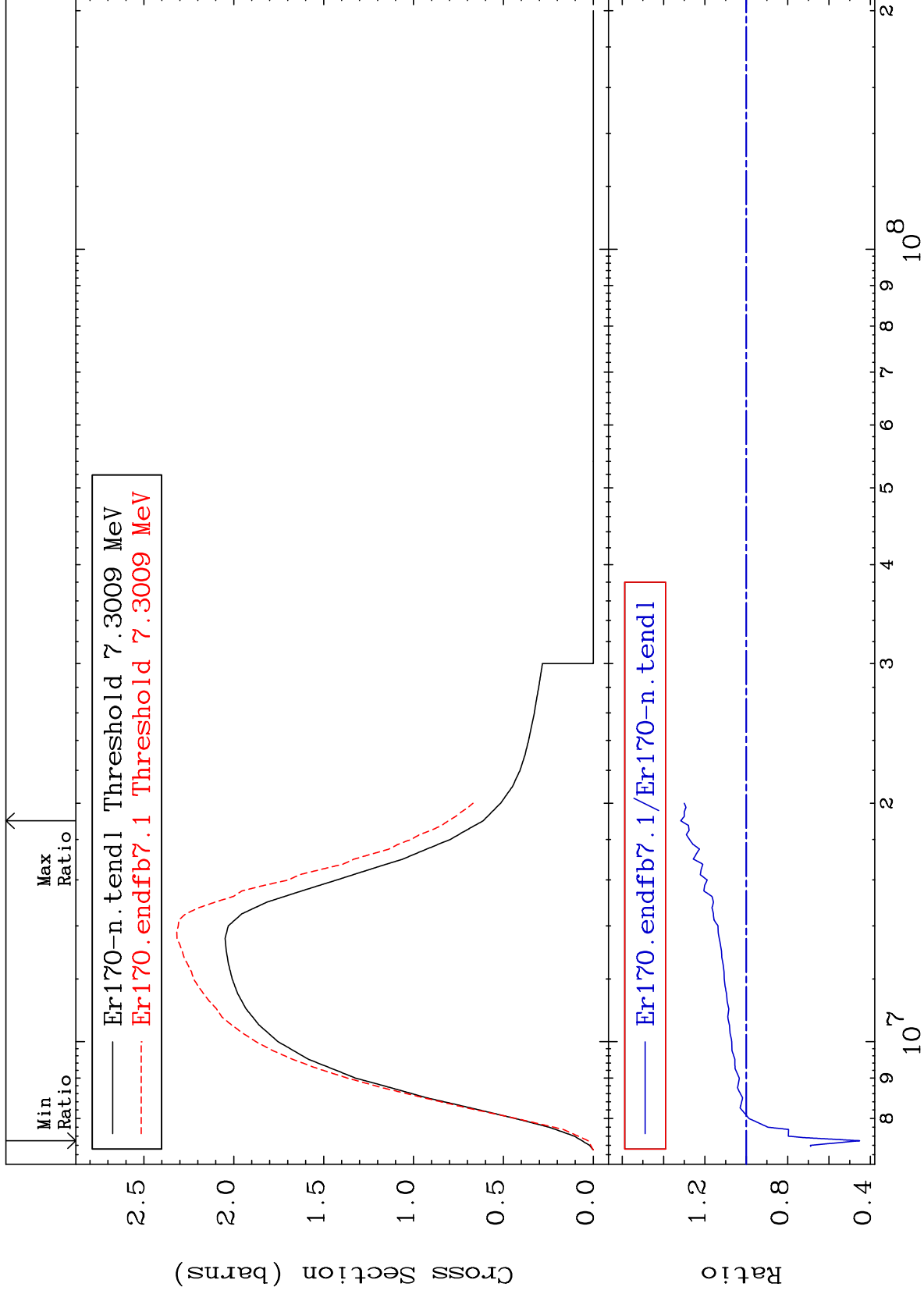
MAT 6849

(n,2n)

68-Er-170

Cross Section

-54.75 To 31.69 %



4

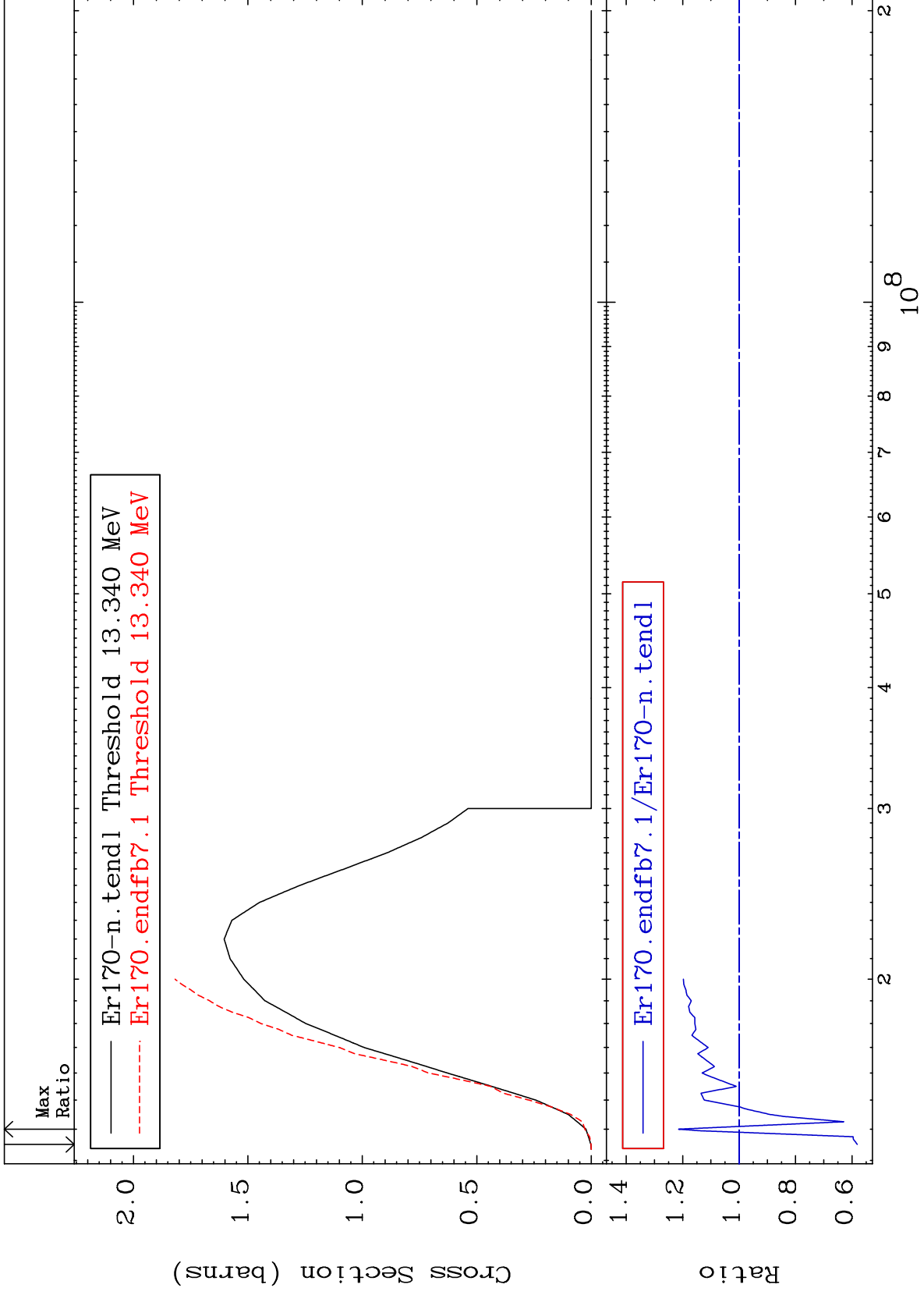
Incident Energy (eV)

68-Er-170

MAT 6849

(n,3n)  
Cross Section

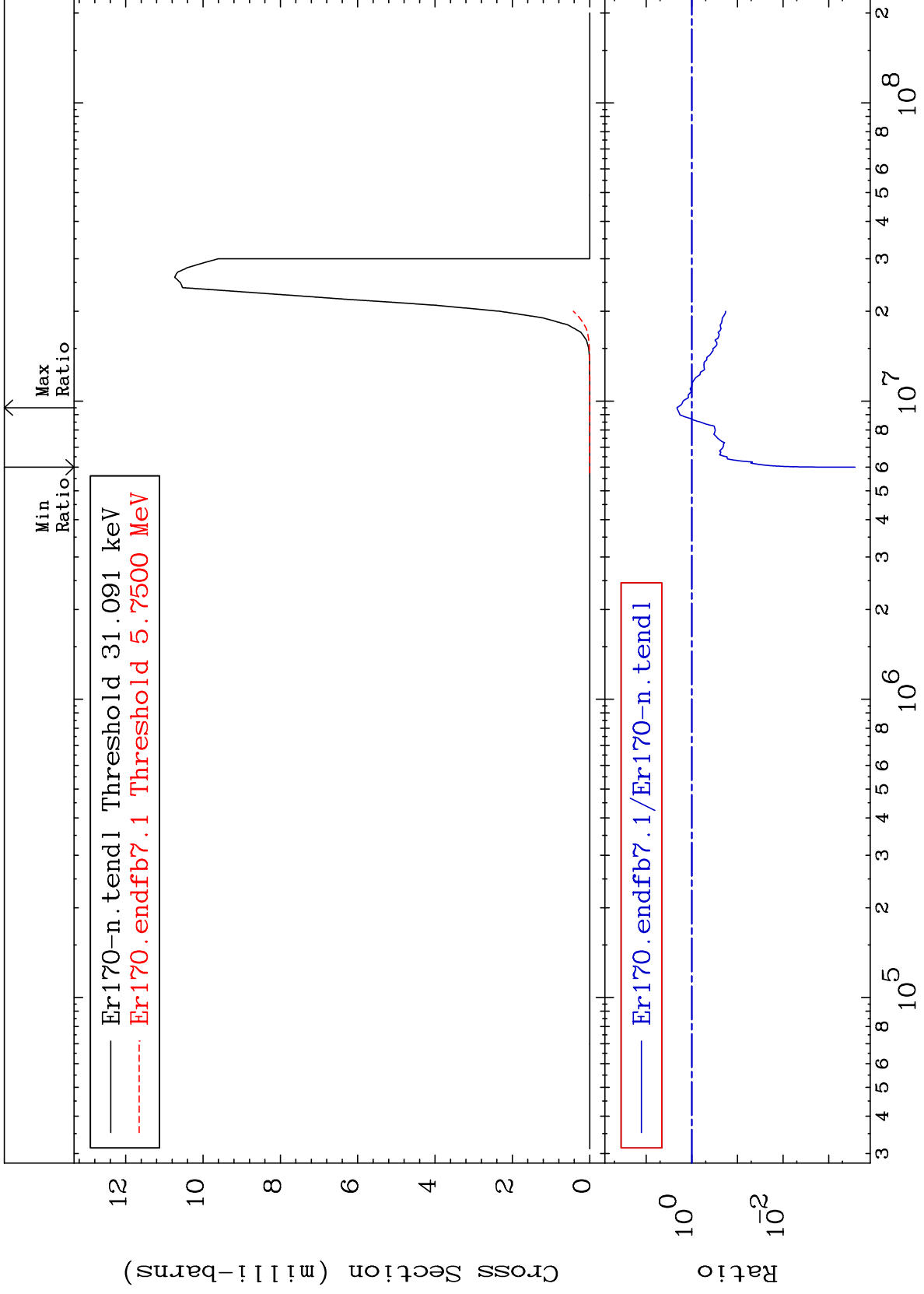
68-Er-170  
-41.86 To 21.43 %



MAT 6849

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

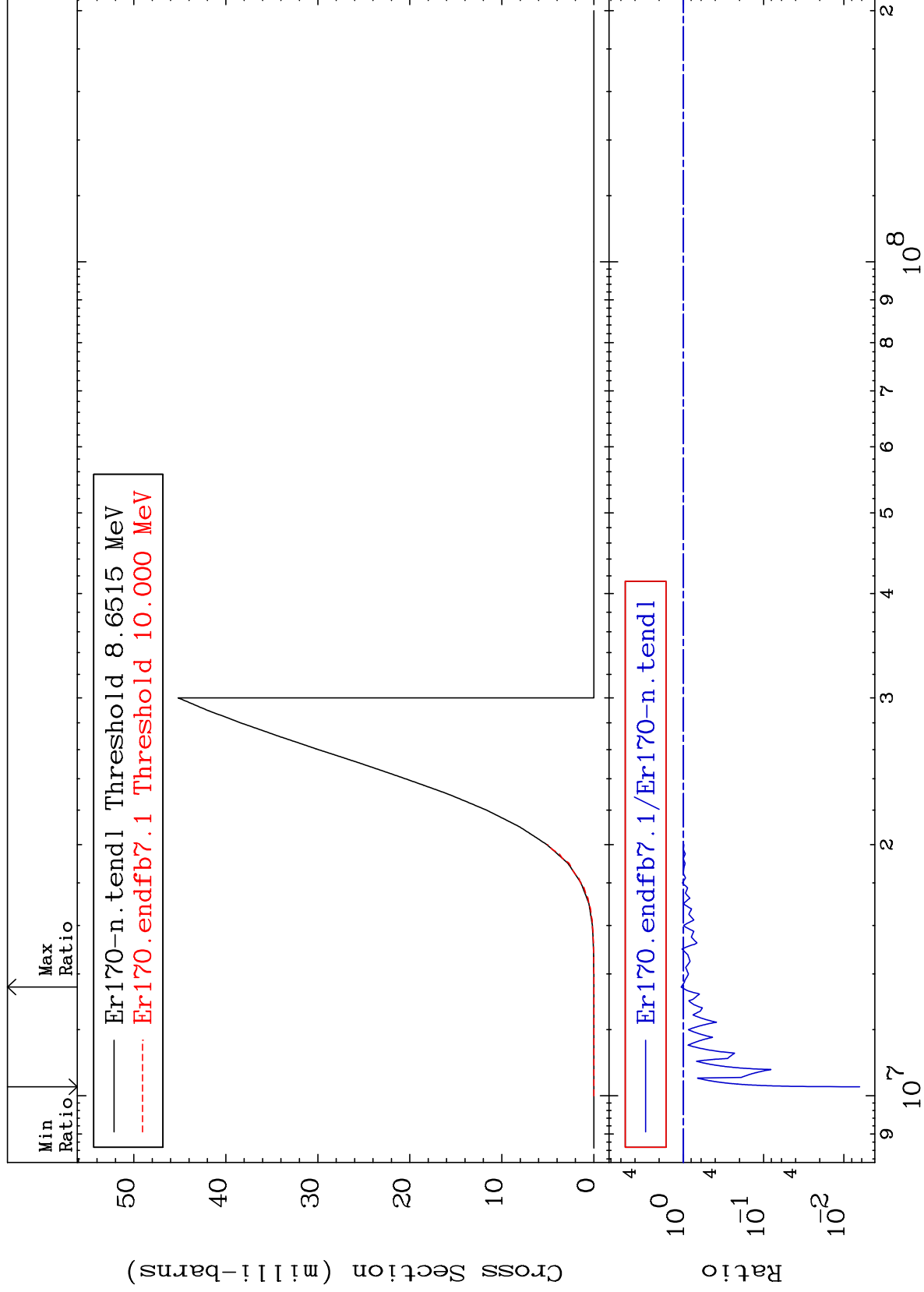
68-Er-170  
-99.97 To 112.8 %



MAT 6849

(n, n') p  
Cross Section

68-Er-170  
-99.36 To 6.335 %



Incident Energy (eV)

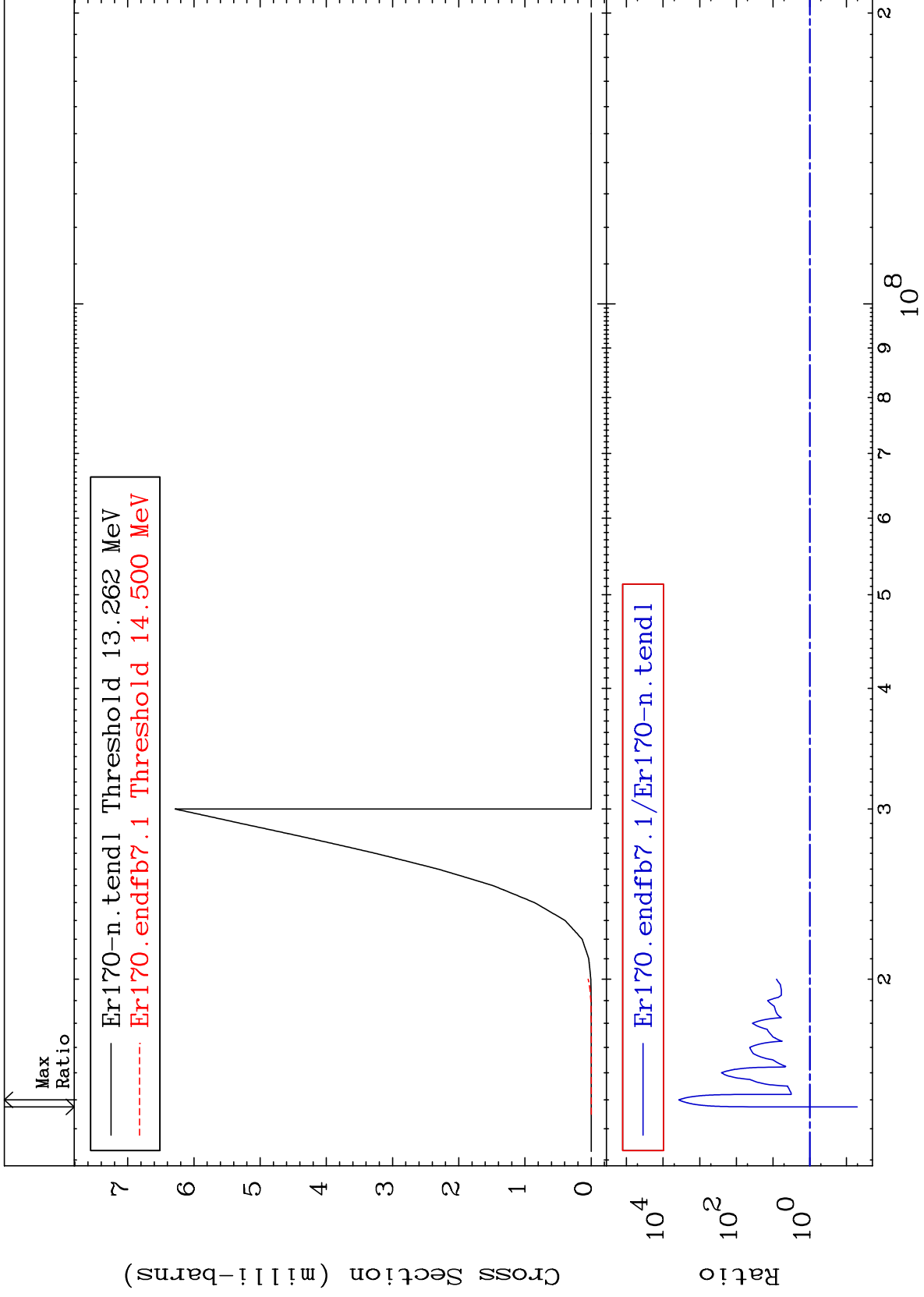
68-Er-170

7

MAT 6849

(n,n') d  
Cross Section

68-Er-170  
-94.94 To 9999. %

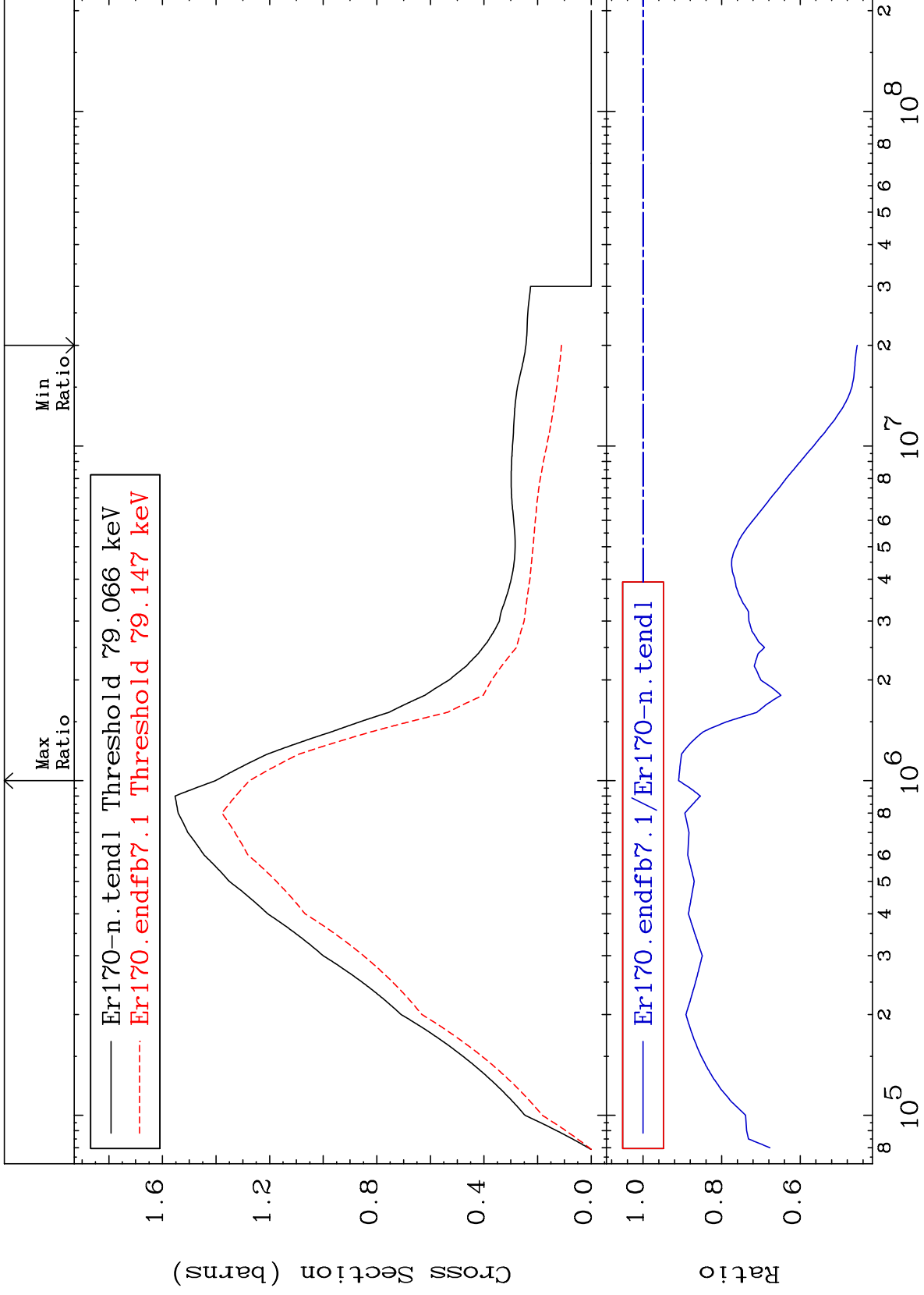




MAT 6849

78.60 keV (n,n') Level  
Cross Section

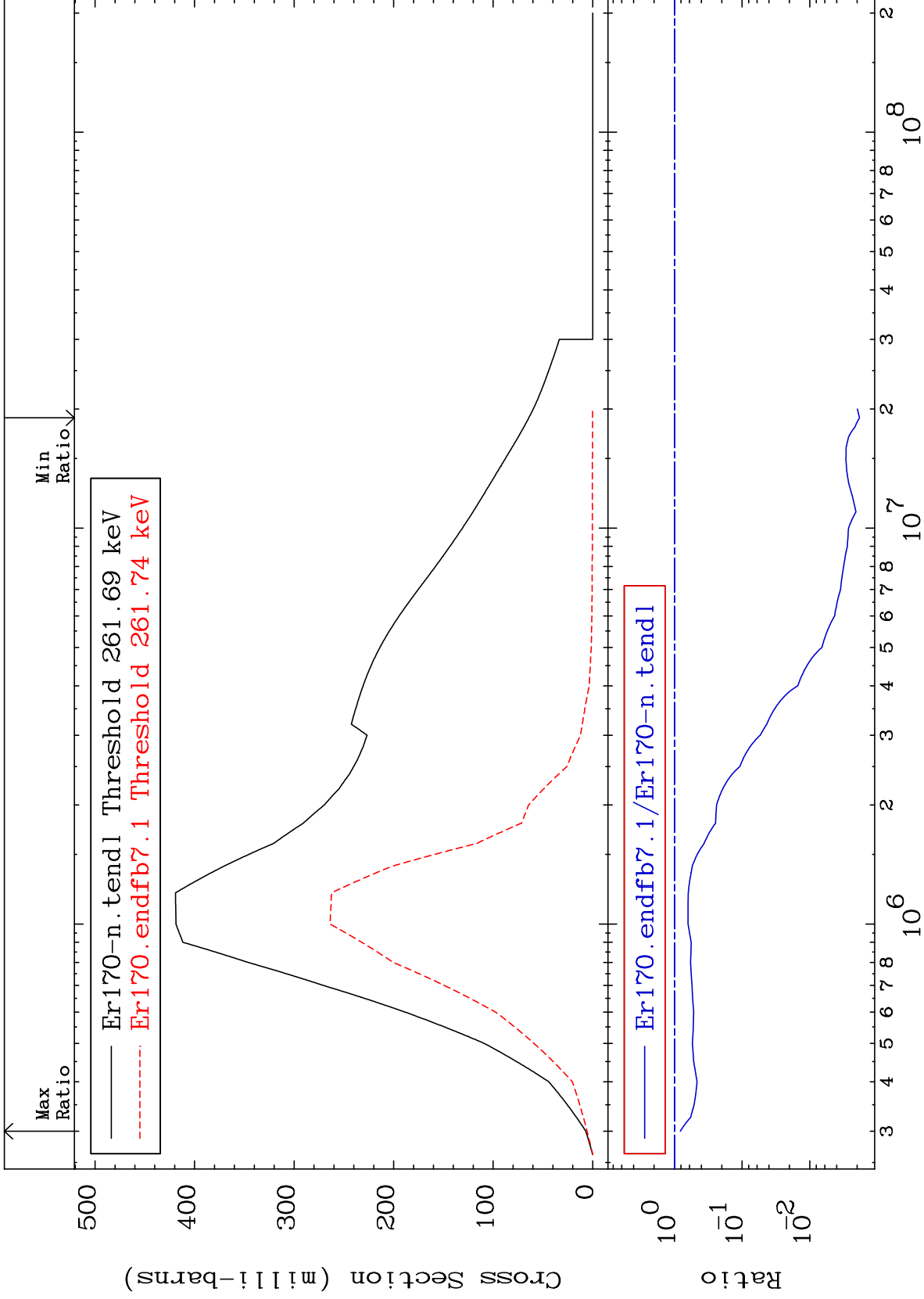
68-Er-170  
-54.53 To -9.043%



MAT 6849

260.1 keV (n,n') Level  
Cross Section

68-Er-170  
-99.82 To -18.40%



10

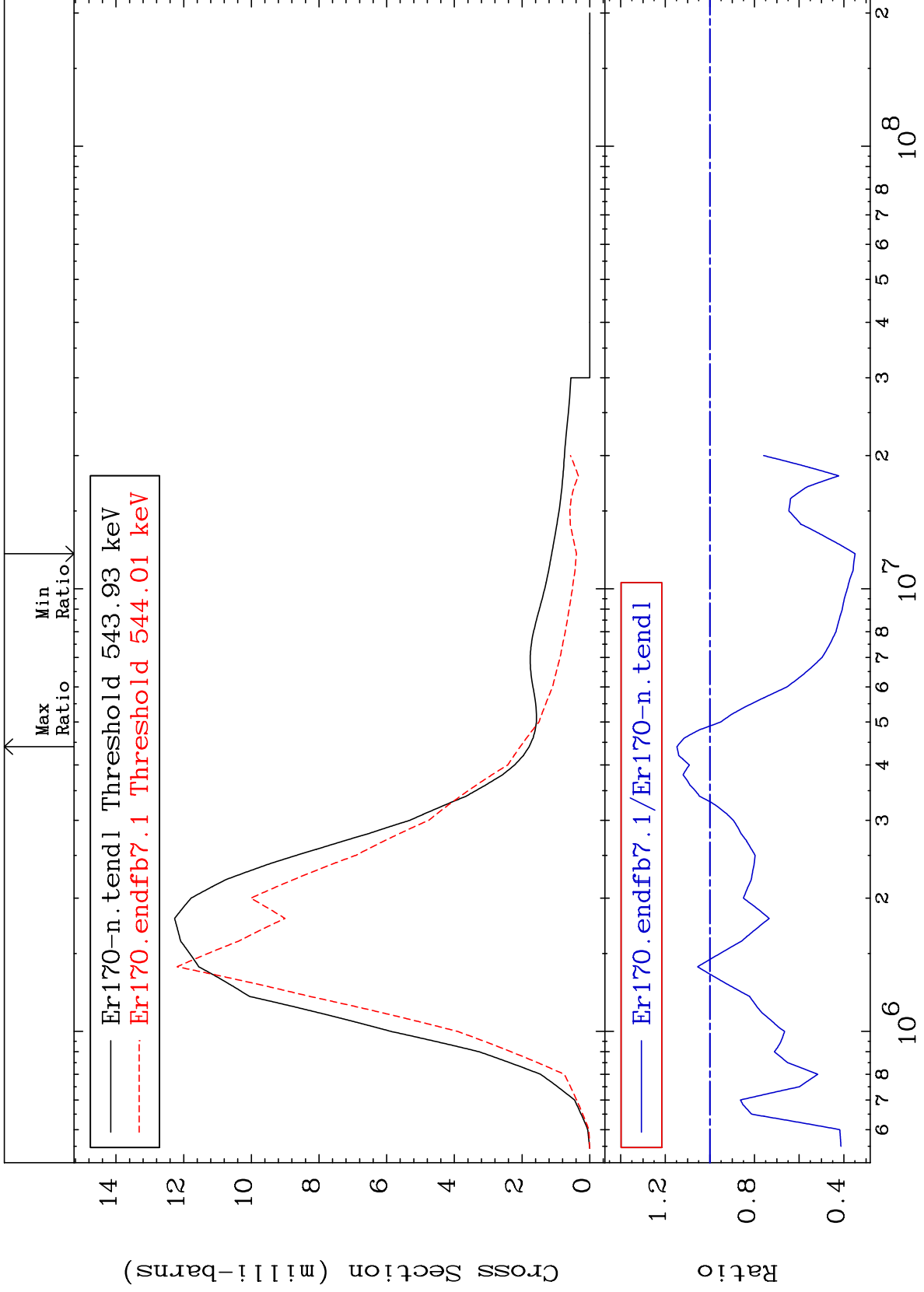
Incident Energy (eV)

68-Er-170

MAT 6849

540.7 keV (n,n') Level  
Cross Section

68-Er-170  
-65.07 To 14.79 %



11

Incident Energy (eV)

68-Er-170

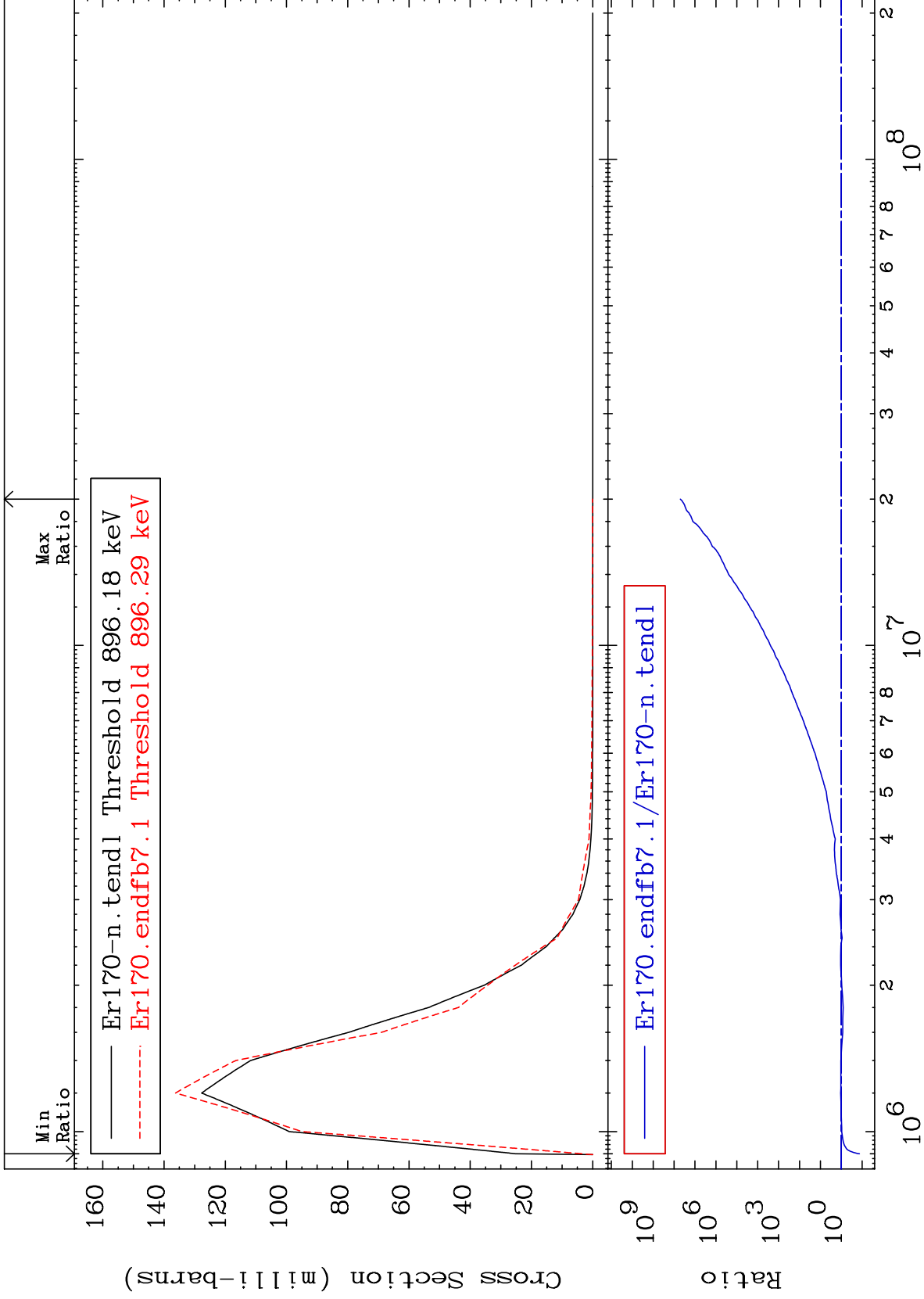
MAT 6849

890.9 keV (n,n') Level

68-Er-170

-86.37 To 9999. %

Cross Section



12

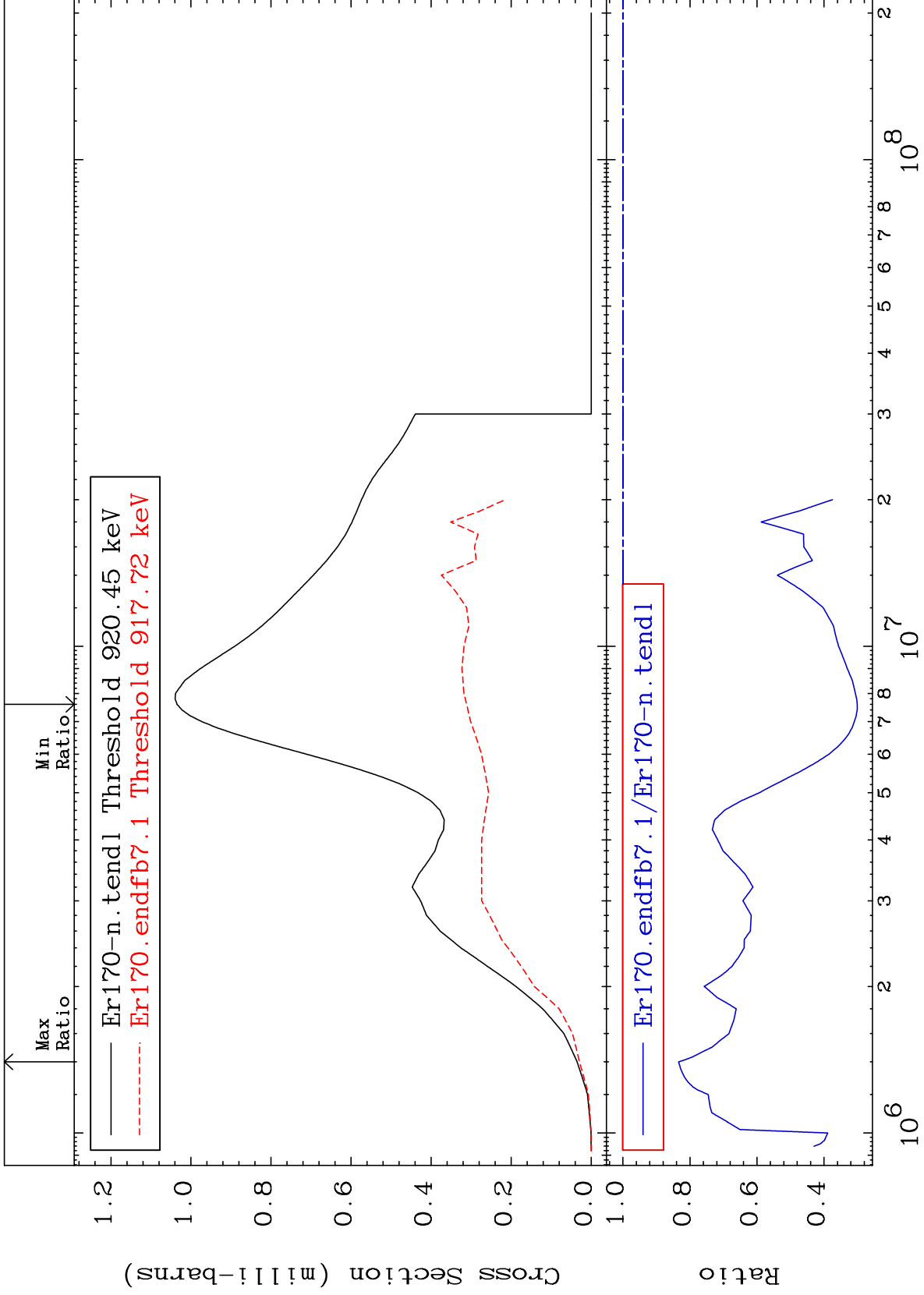
Incident Energy (eV)

68-Er-170

MAT 6849

915.0 keV (n,n') Level  
Cross Section

68-Er-170  
-69.92 To -16.62%



13

68-Er-170

68-Er-170

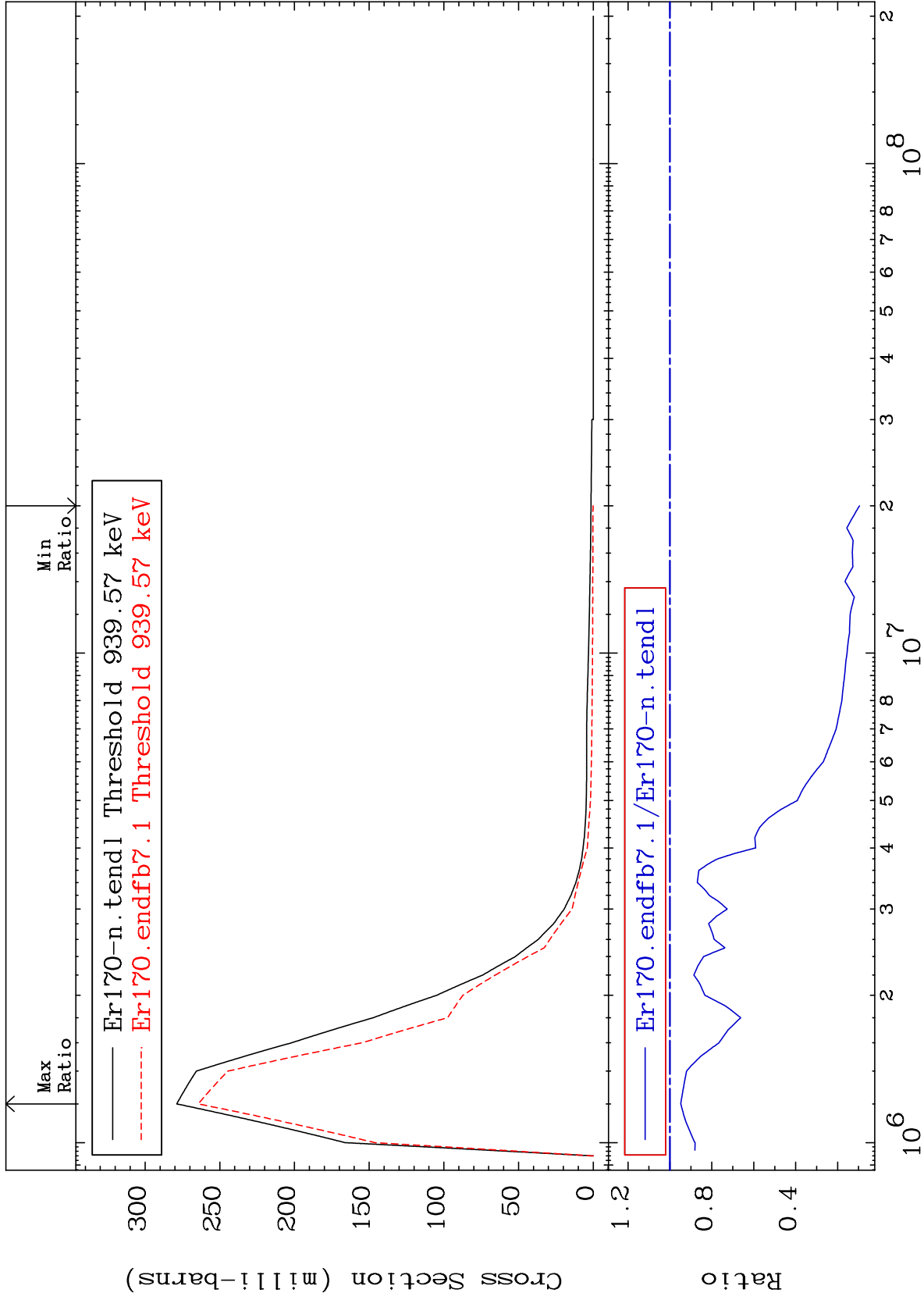
MAT 6849

934.0 keV (n,n') Level

68-Er-170

-90.46 To -5.176%

Cross Section



14

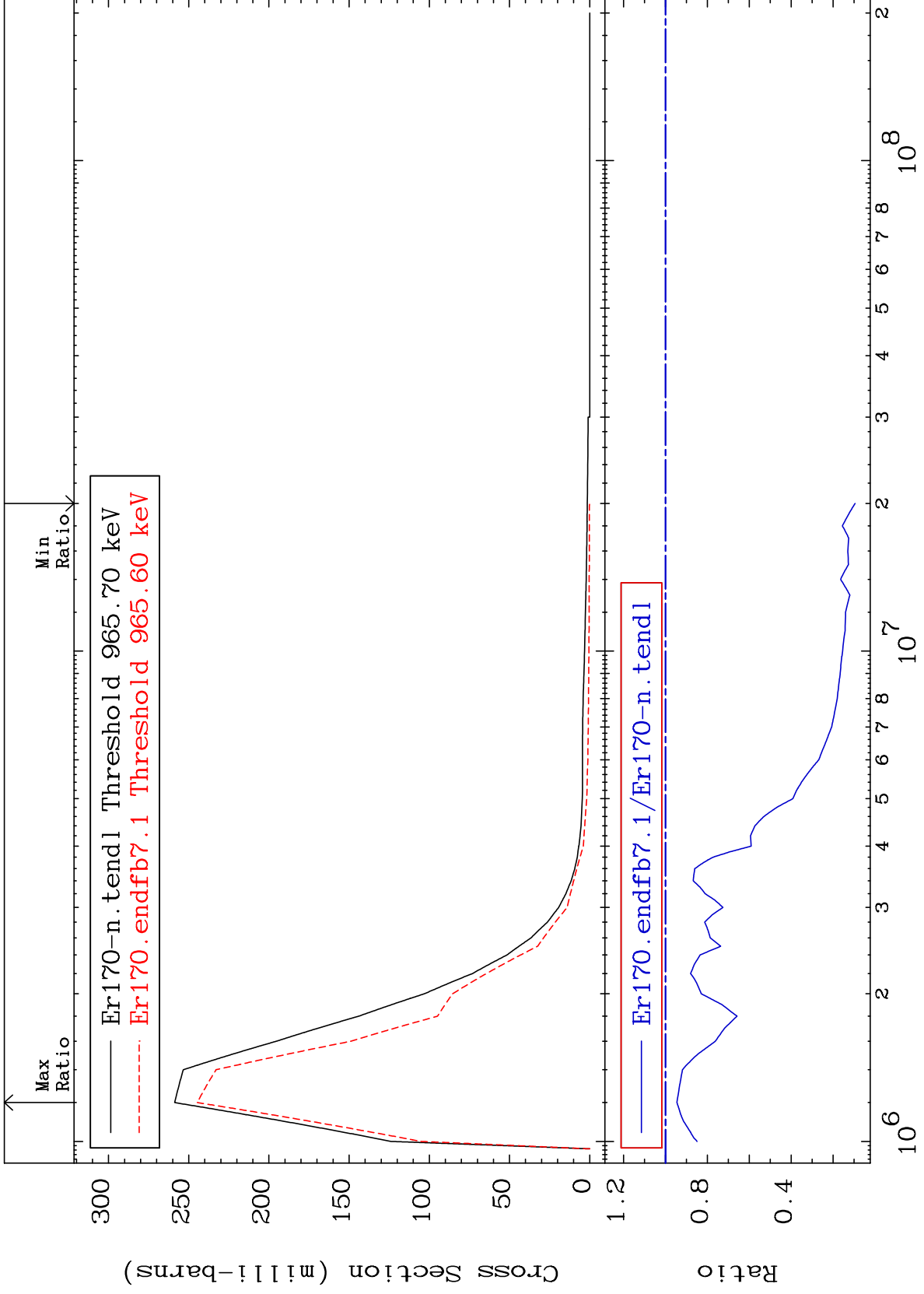
Incident Energy (eV)

68-Er-170

MAT 6849

960.0 keV (n,n') Level  
Cross Section

68-Er-170  
-90.46 To -5.447%

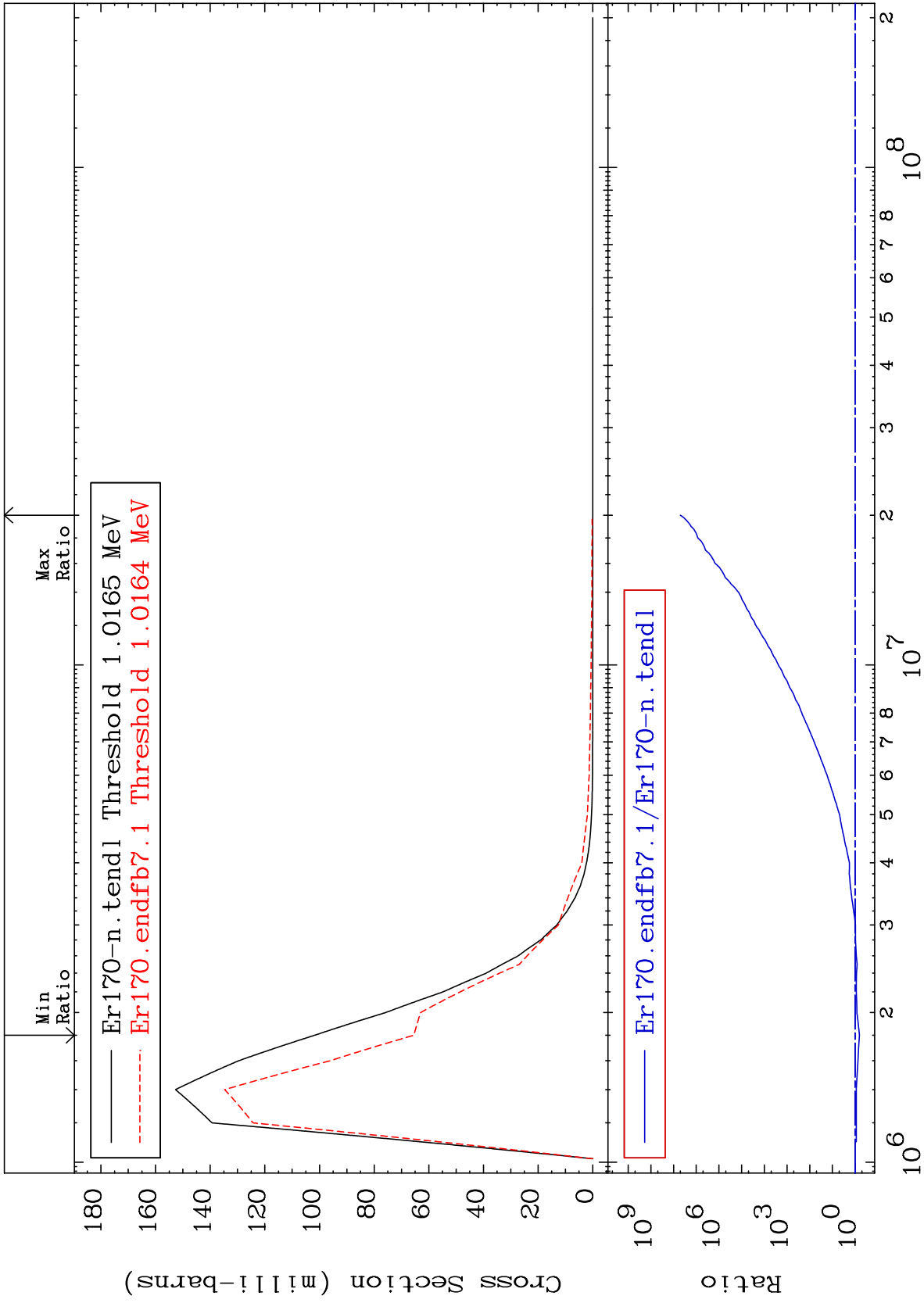


68-Er-170

MAT 6849

1.011 MeV (n,n') Level  
Cross Section

68-Er-170  
-35.68 To 9999. %



16

Incident Energy (eV)

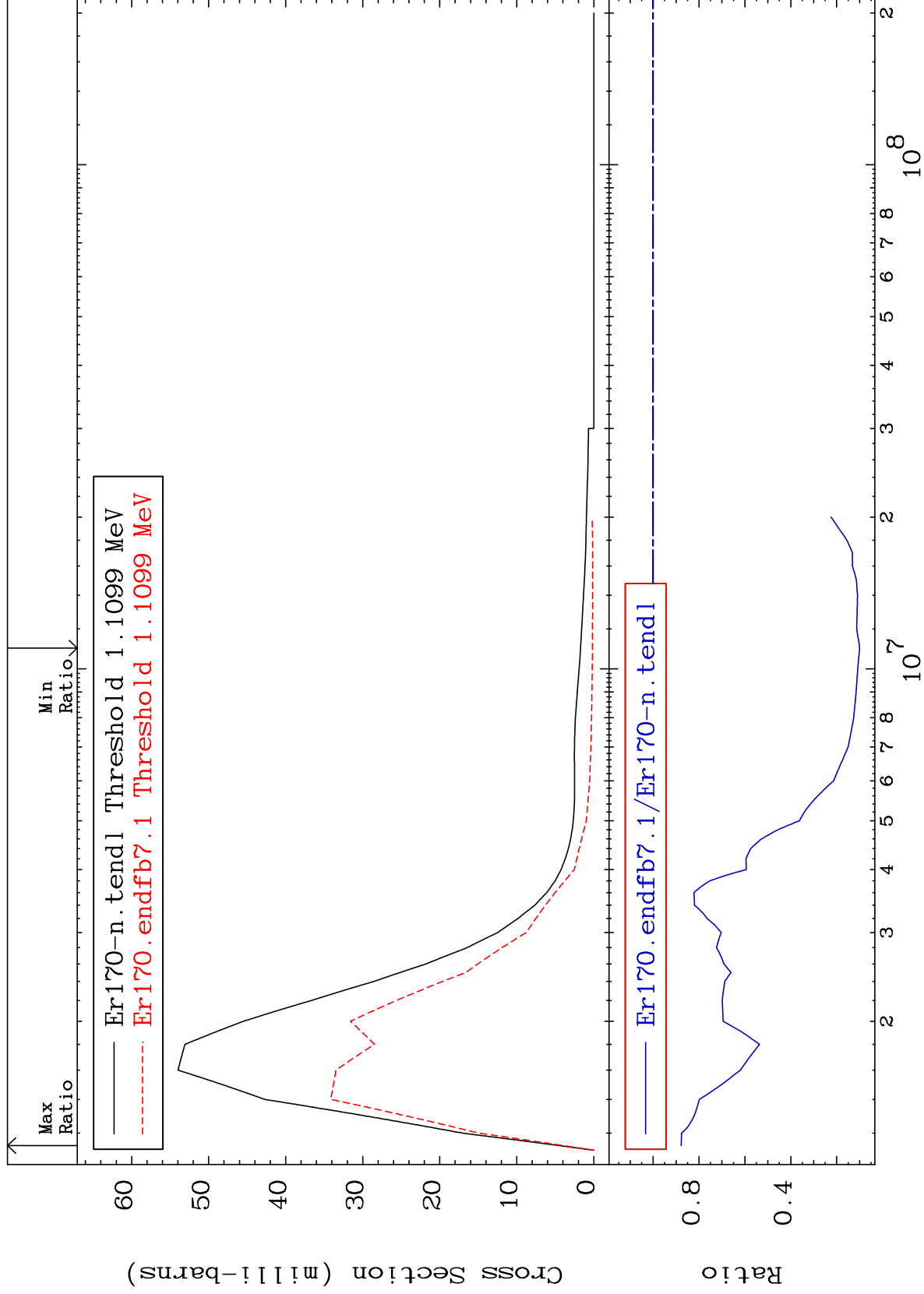
68-Er-170



MAT 6849

1.103 MeV (n,n') Level  
Cross Section

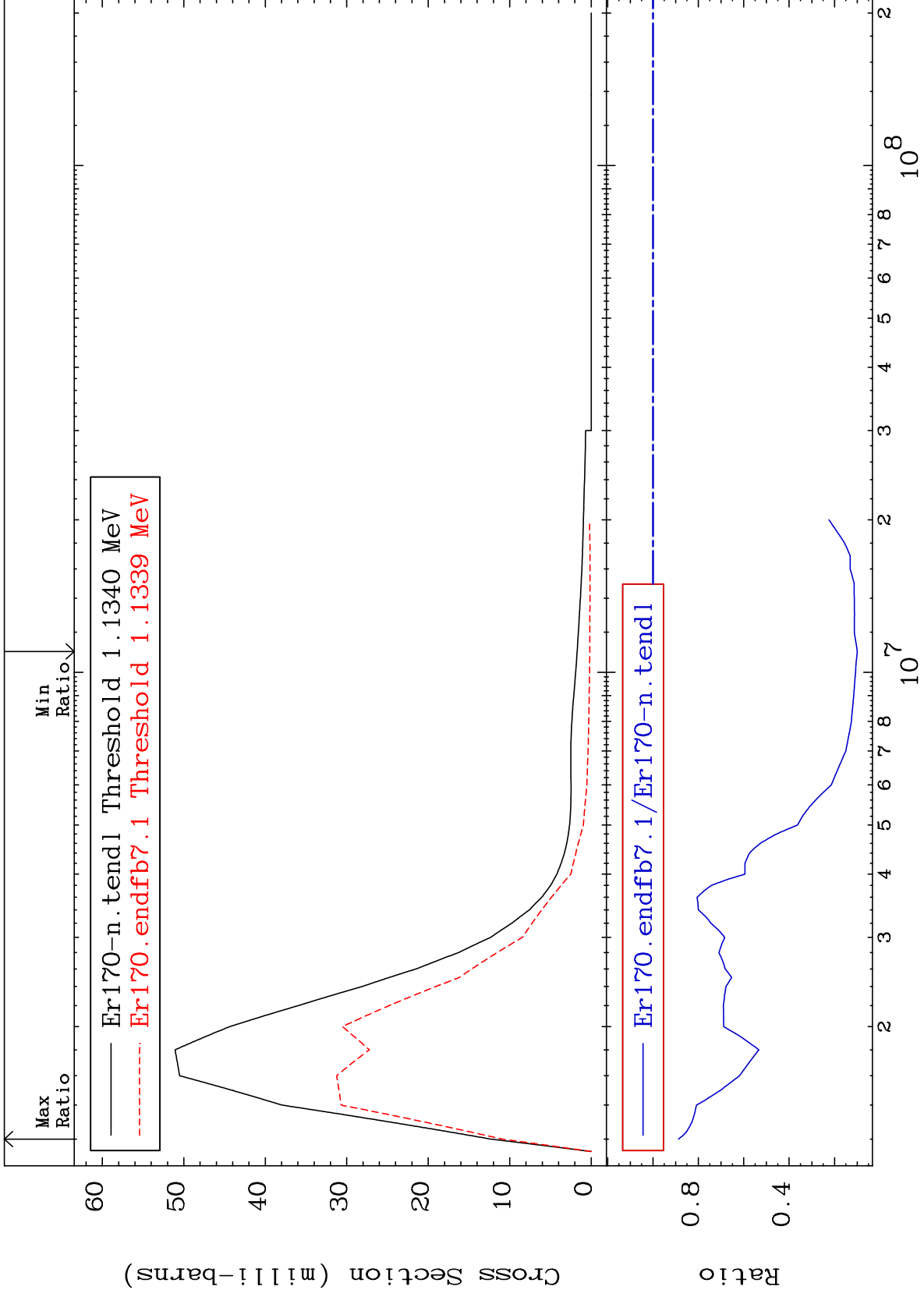
68-Er-170  
-90.02 To -12.23%



MAT 6849

1.127 MeV (n,n') Level  
Cross Section

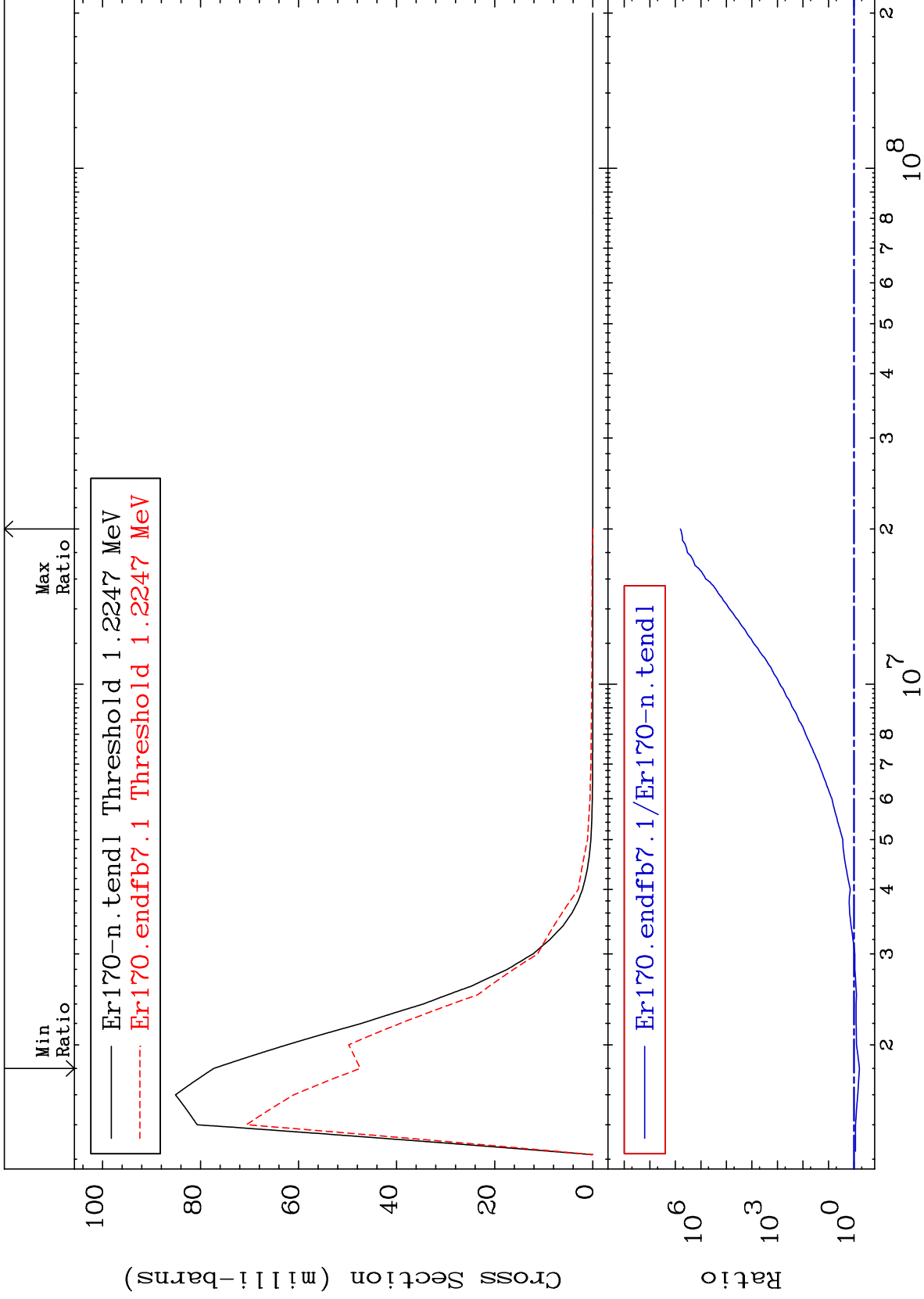
68-Er-170  
-90.02 To -11.32%



MAT 6849

1.218 MeV (n,n') Level  
Cross Section

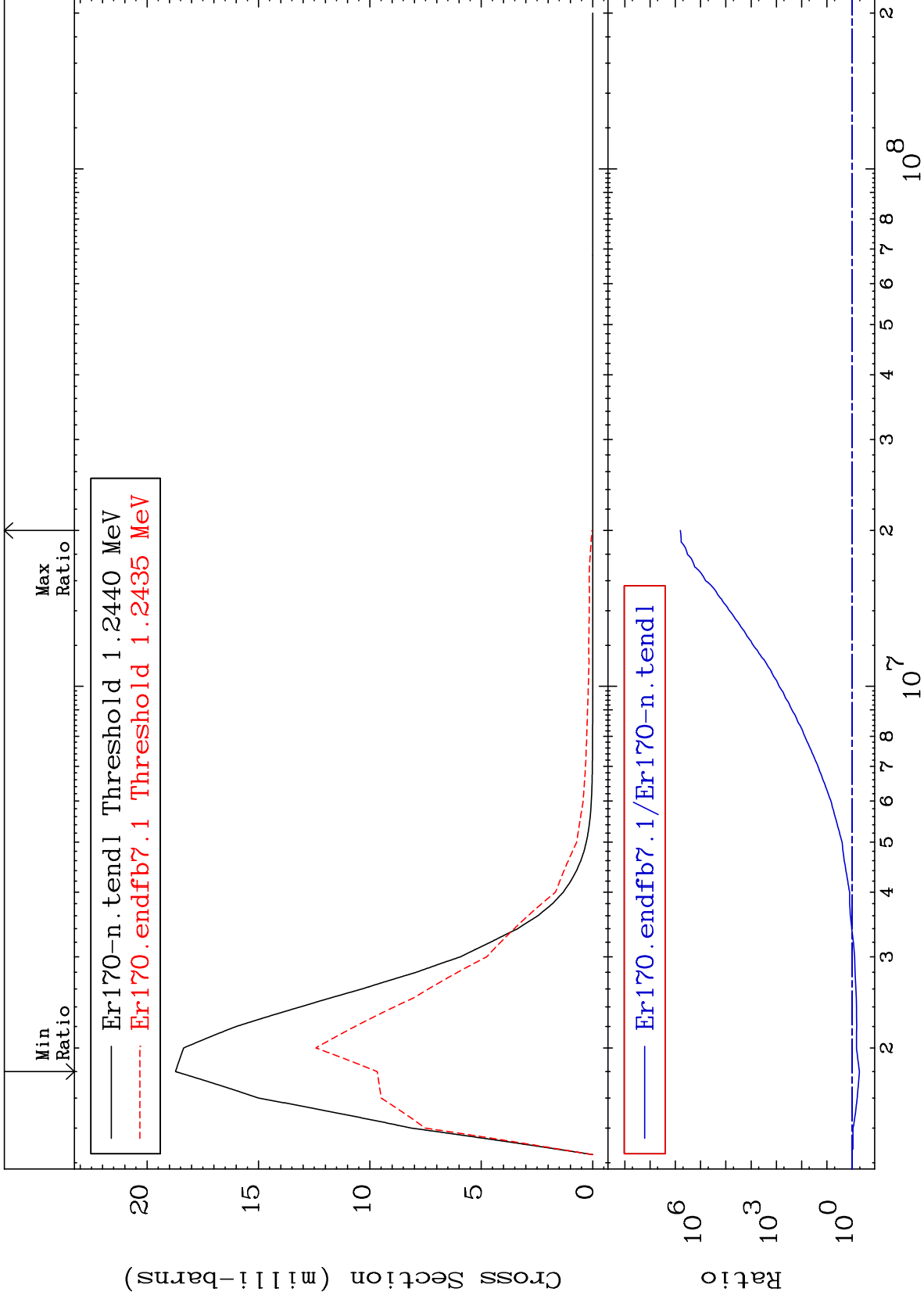
68-Er-170  
-38.61 To 9999. %



MAT 6849

1.237 MeV (n,n') Level  
Cross Section

68-Er-170  
-48.34 To 9999. %



20

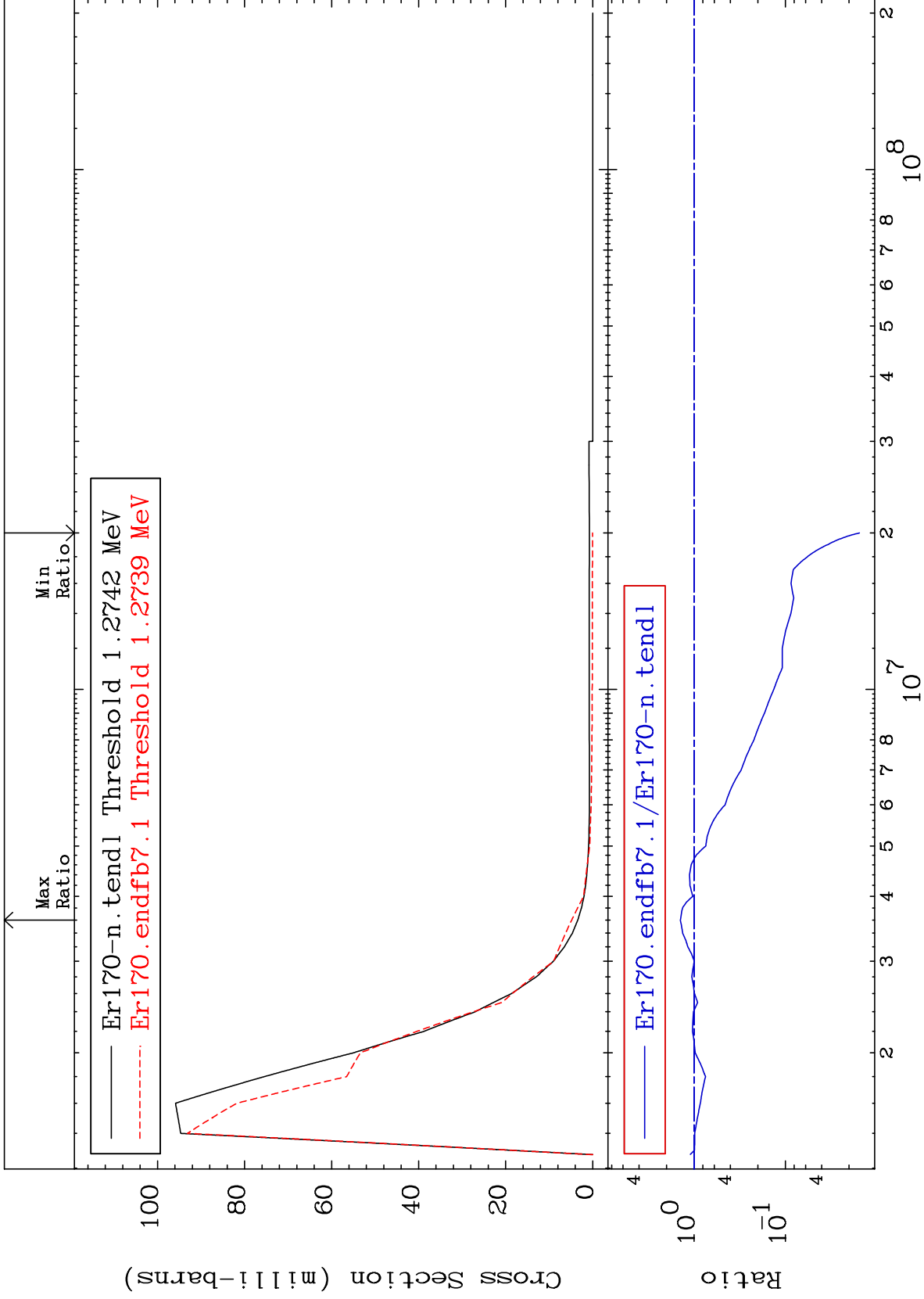
Incident Energy (eV)

68-Er-170

MAT 6849

1.267 MeV (n,n') Level  
Cross Section

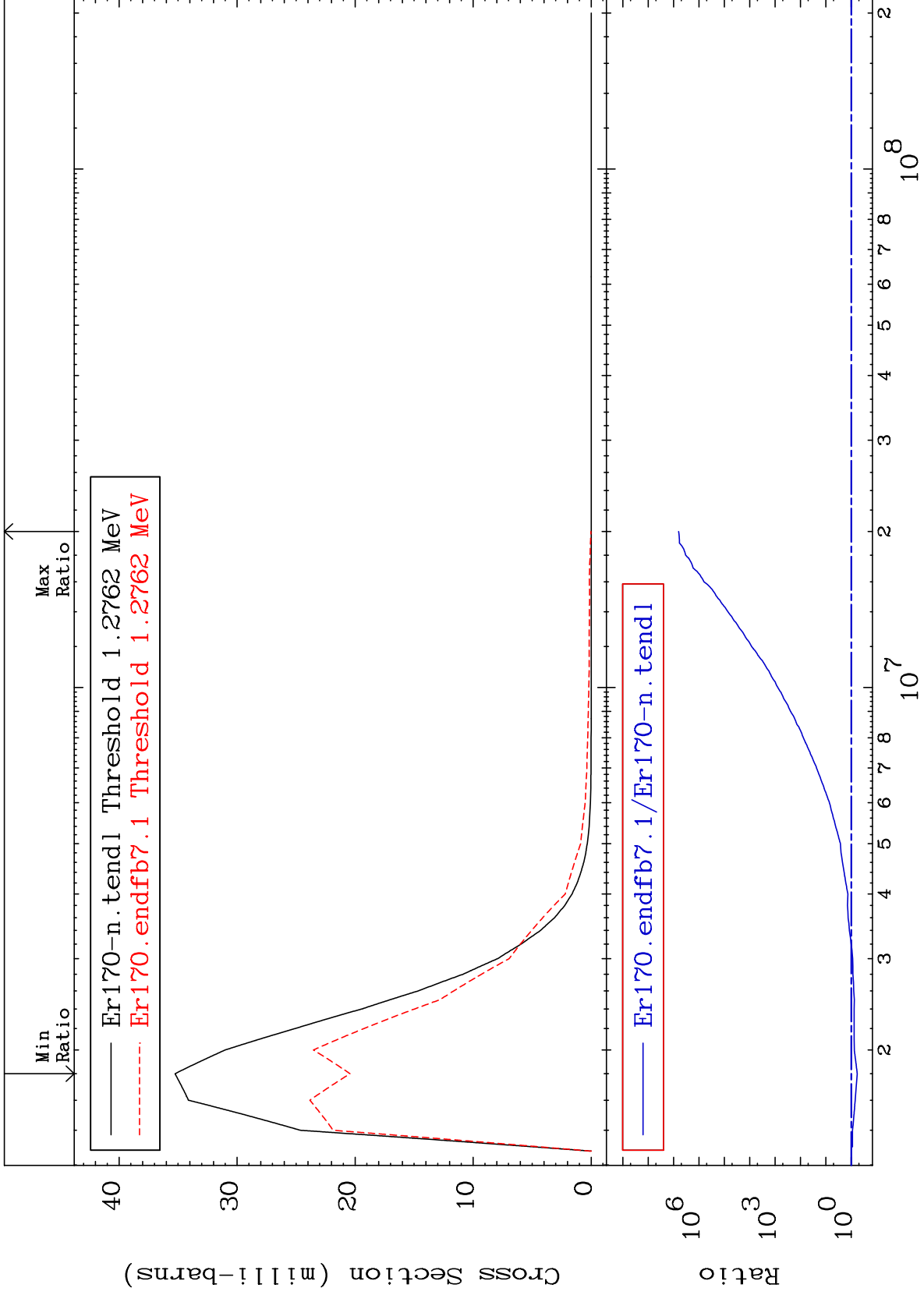
68-Er-170  
-98.46 To 41.28 %

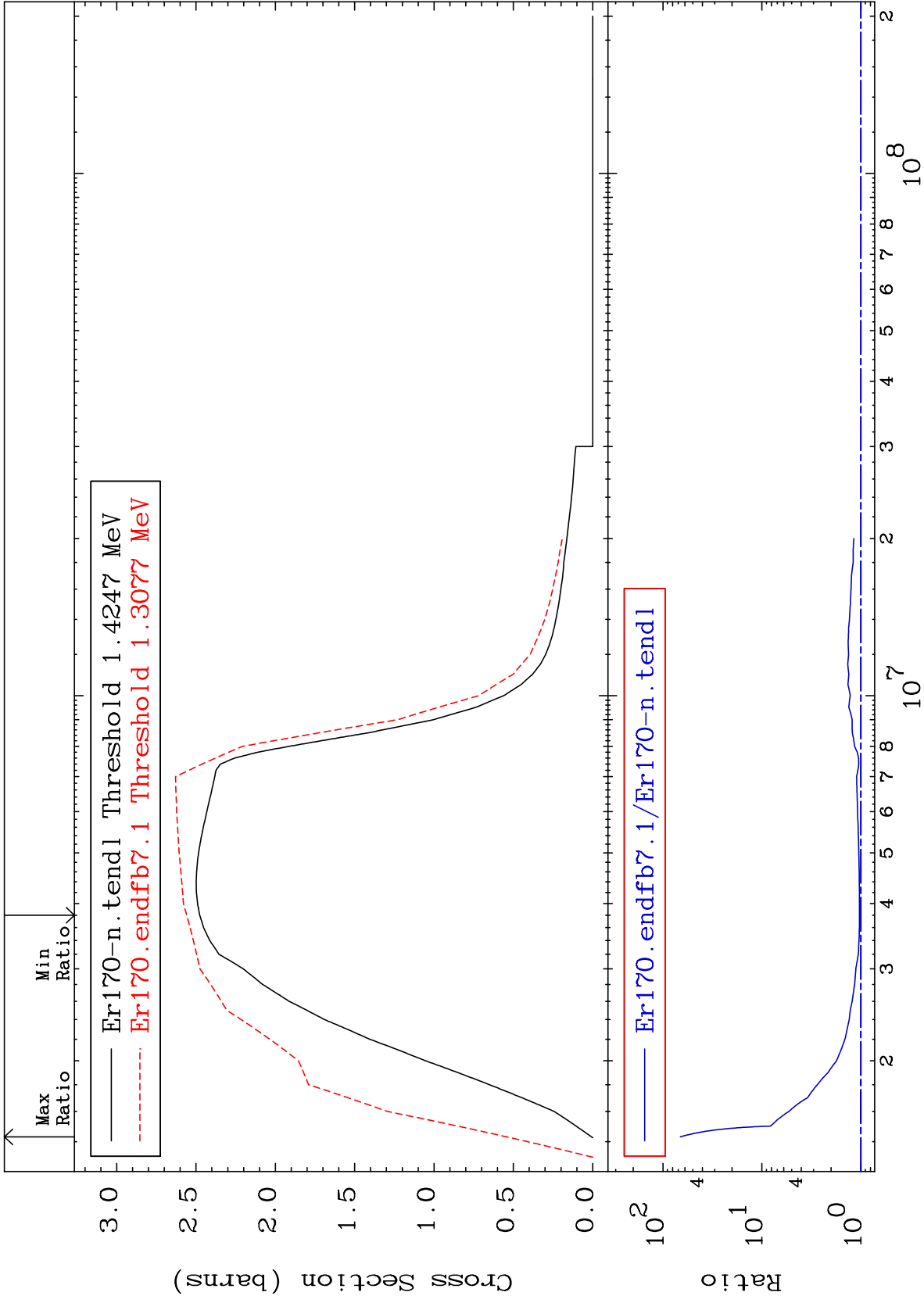


MAT 6849

1.269 MeV (n,n') Level  
Cross Section

68-Er-170  
-42.06 To 9999. %





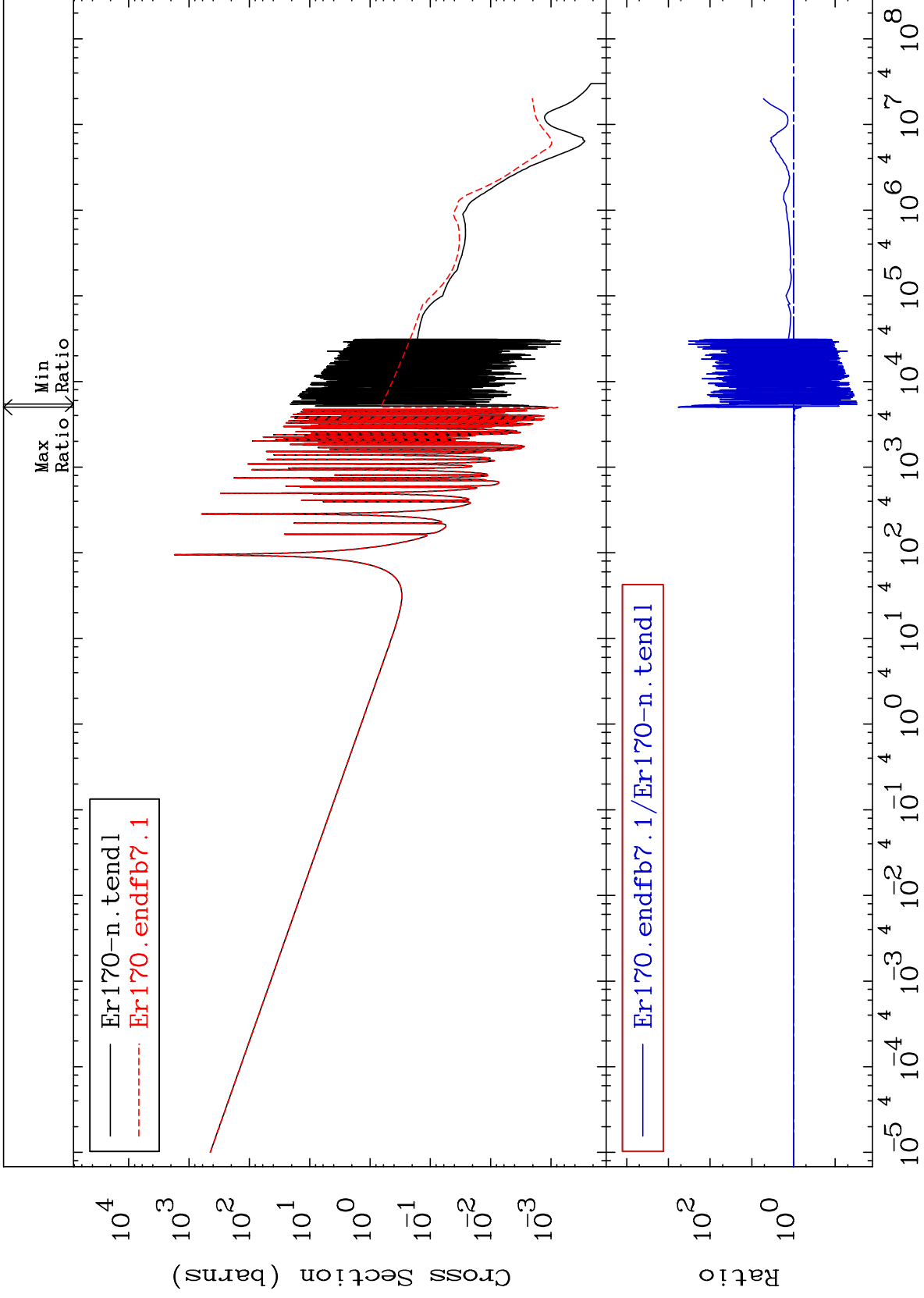
MAT 6849

(n,  $\gamma$ )

68-Er-170

Cross Section

-97.03 To 9999. %





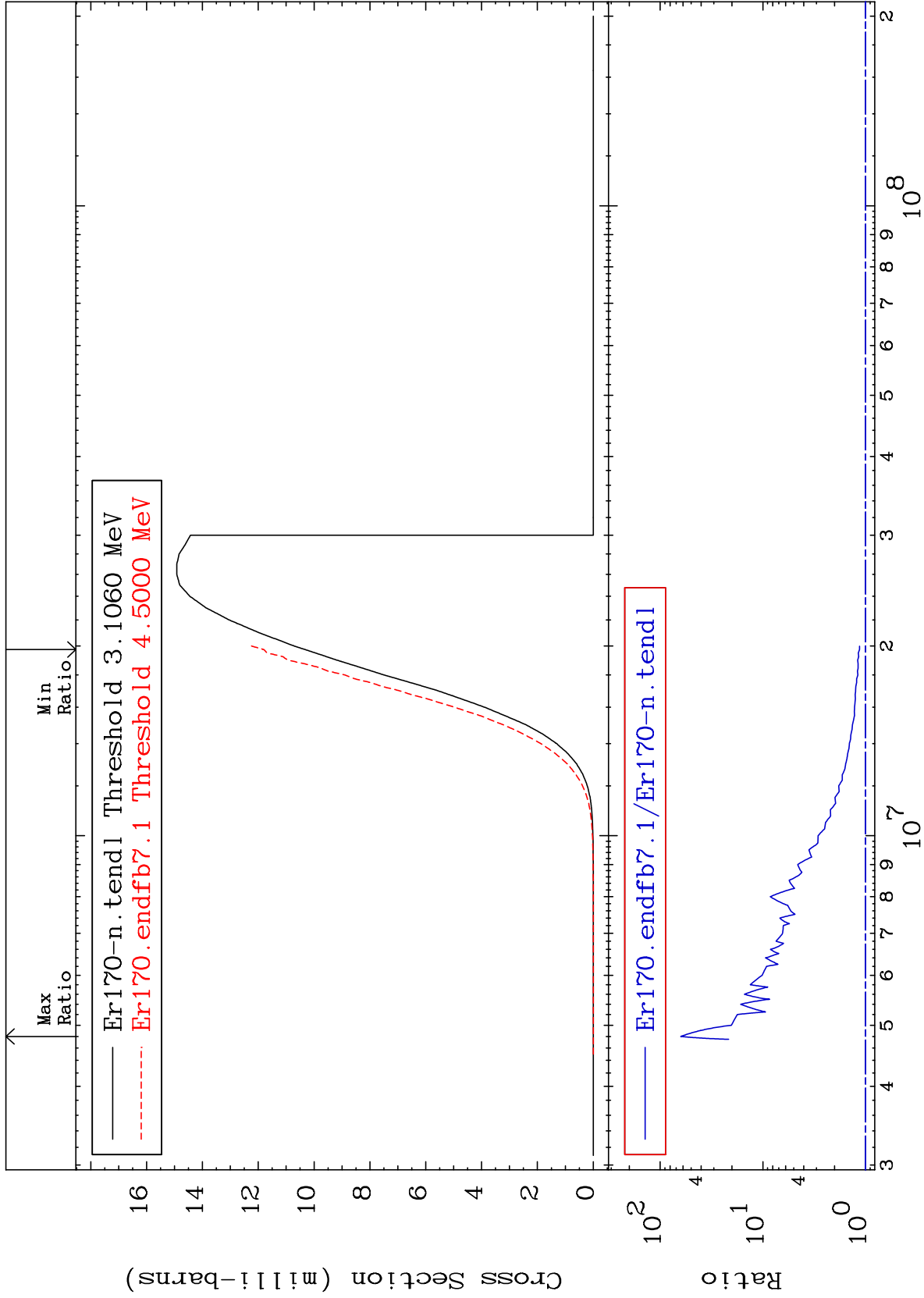
MAT 6849

(n,p)

68-Er-170

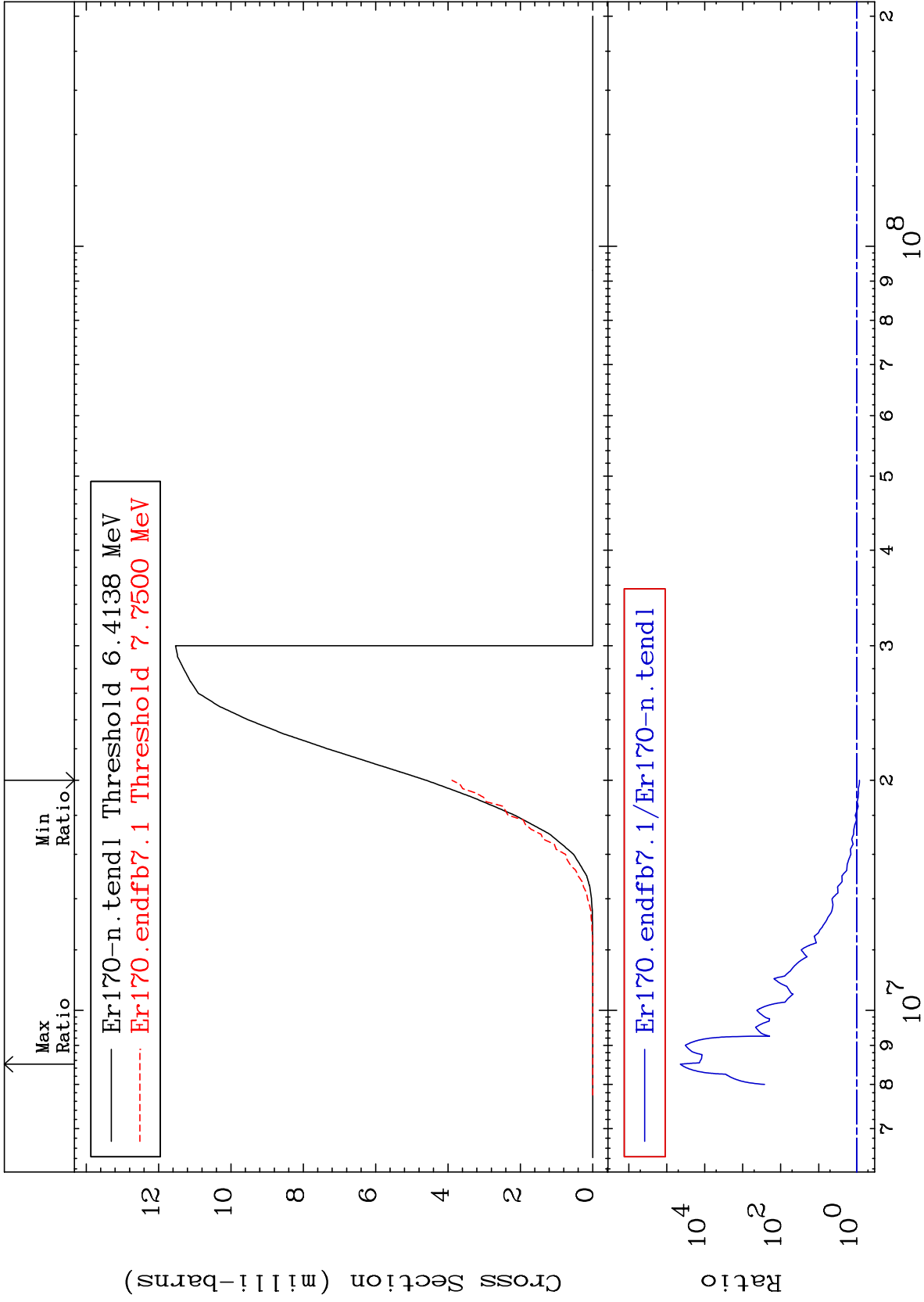
Cross Section

14.26 To 6206. %



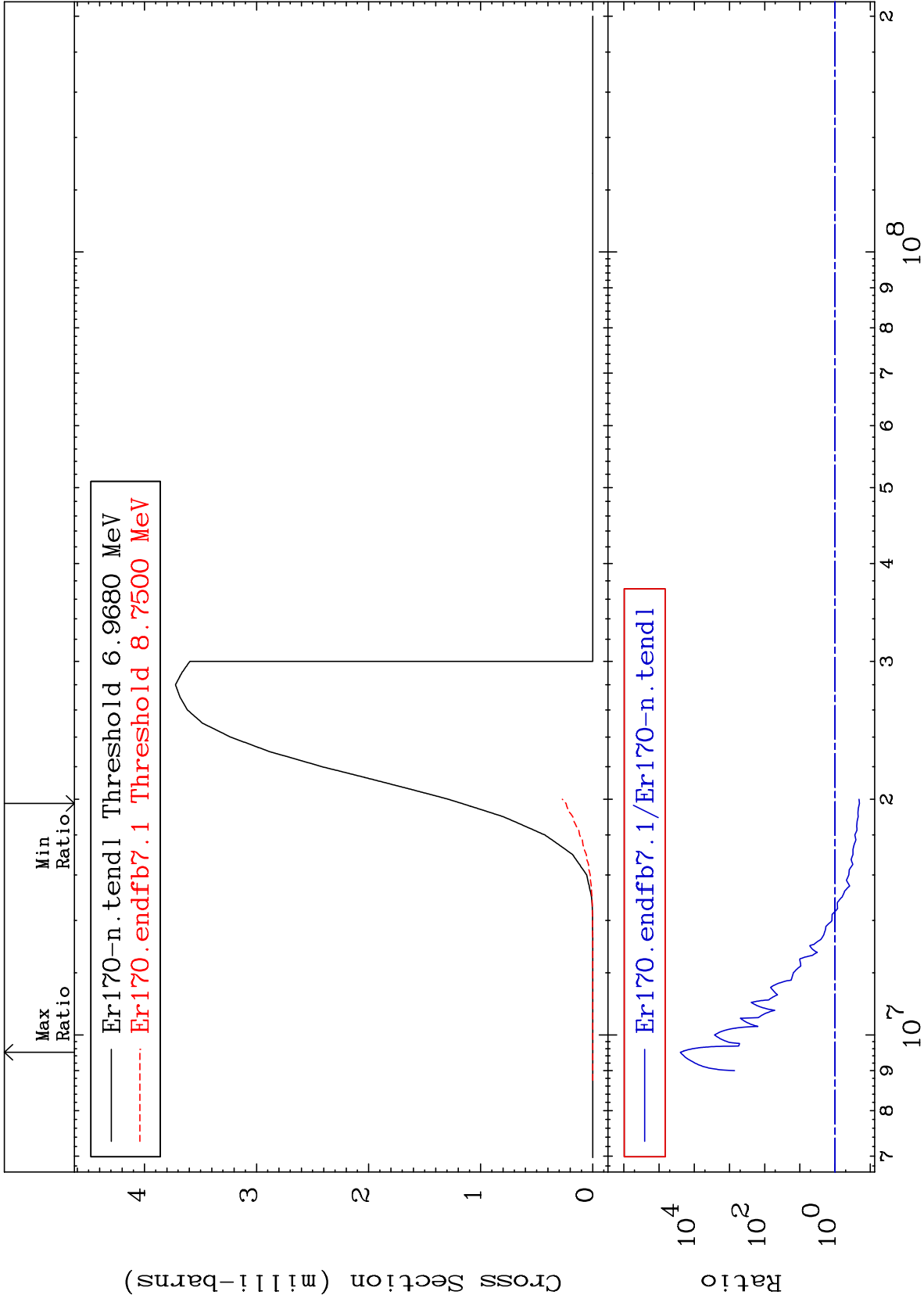
Cross Section

-15.55 To 9999. %



Cross Section

-79.66 To 9999. %



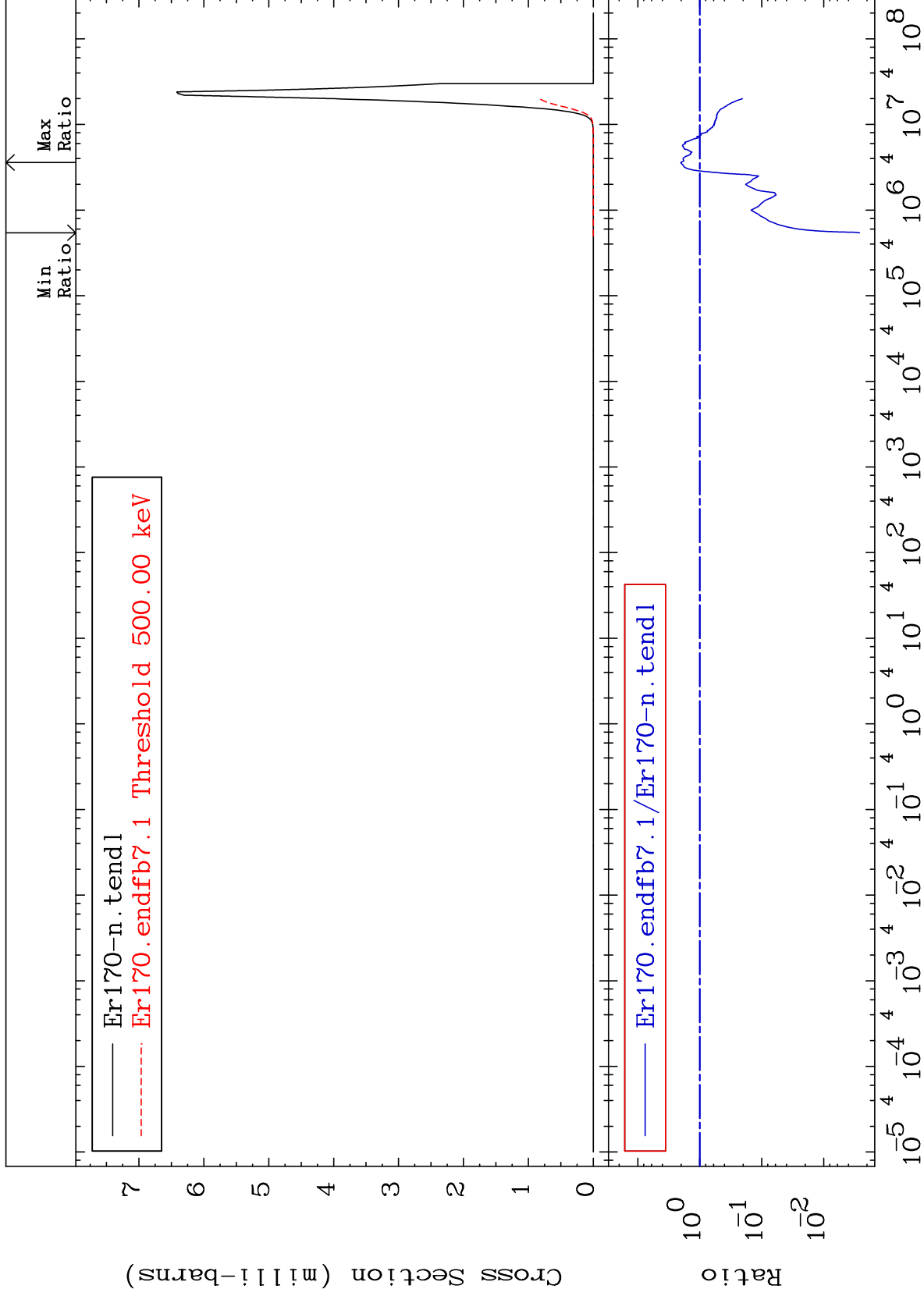
MAT 6849

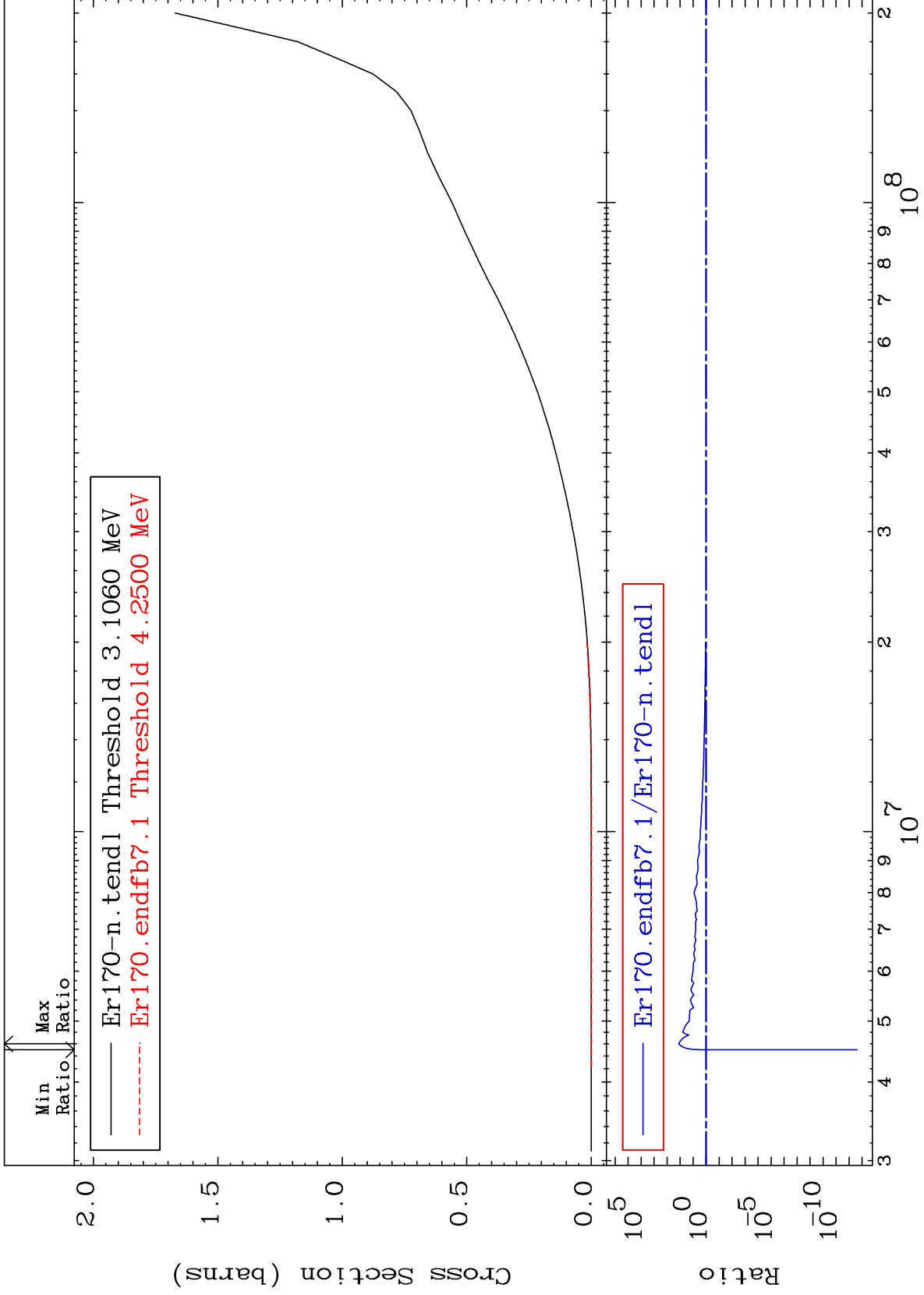
(n,  $\alpha$ )

68-Er-170

Cross Section

-99.73 To 102.5 %

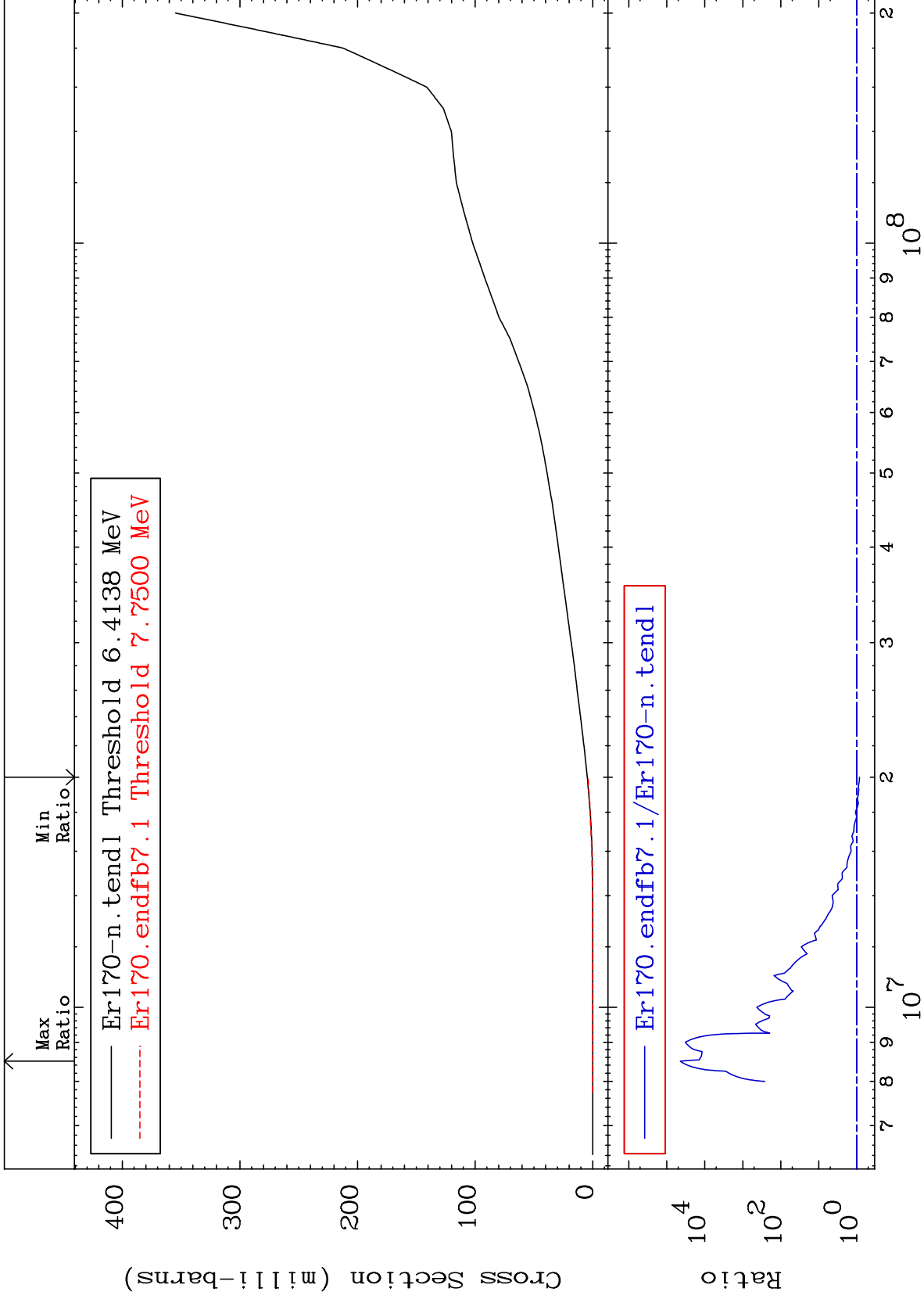




MAT 6849

Deuterium Production  
Cross Section

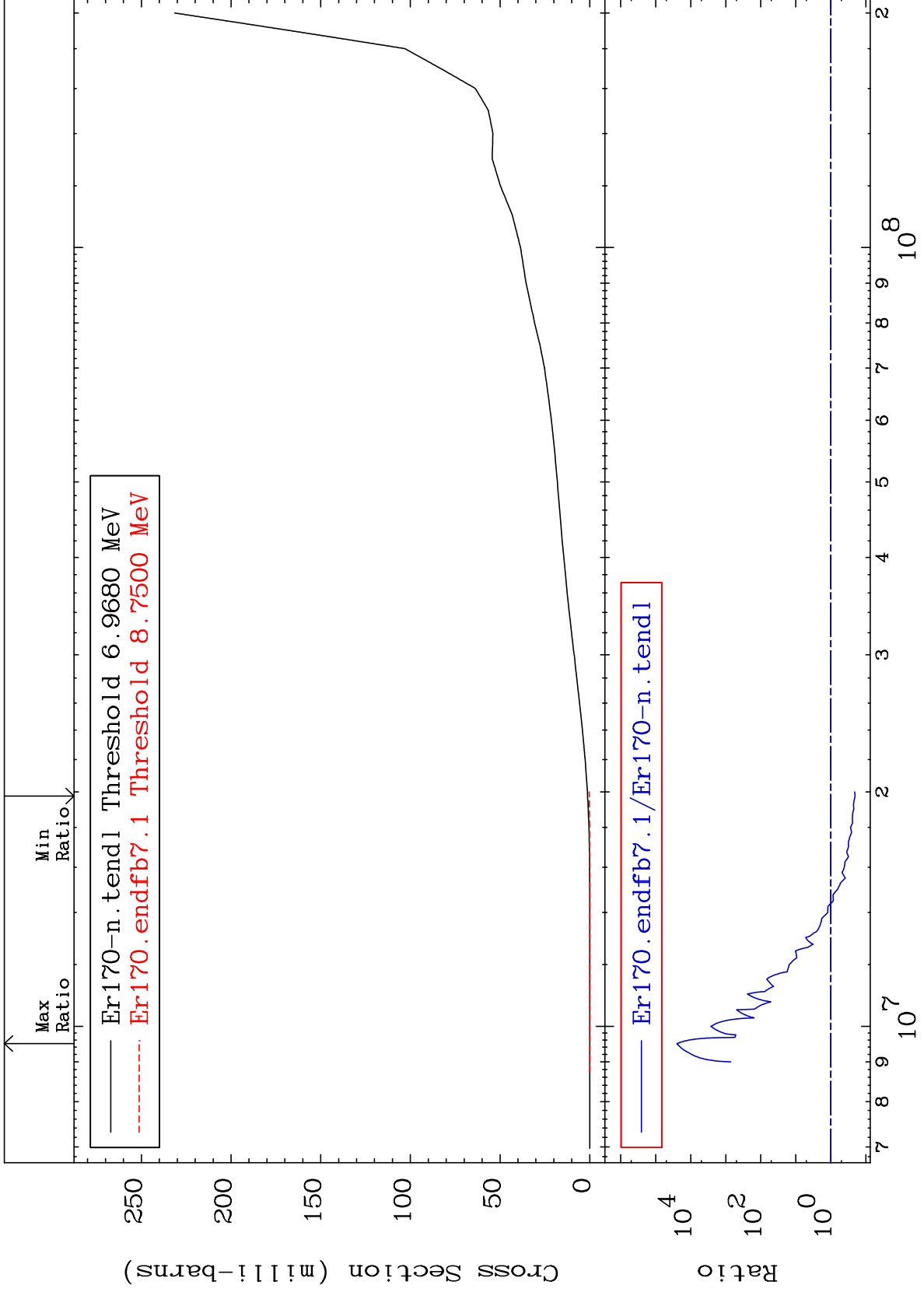
68-Er-170  
-14.64 To 9999. %



30

Incident Energy (eV)

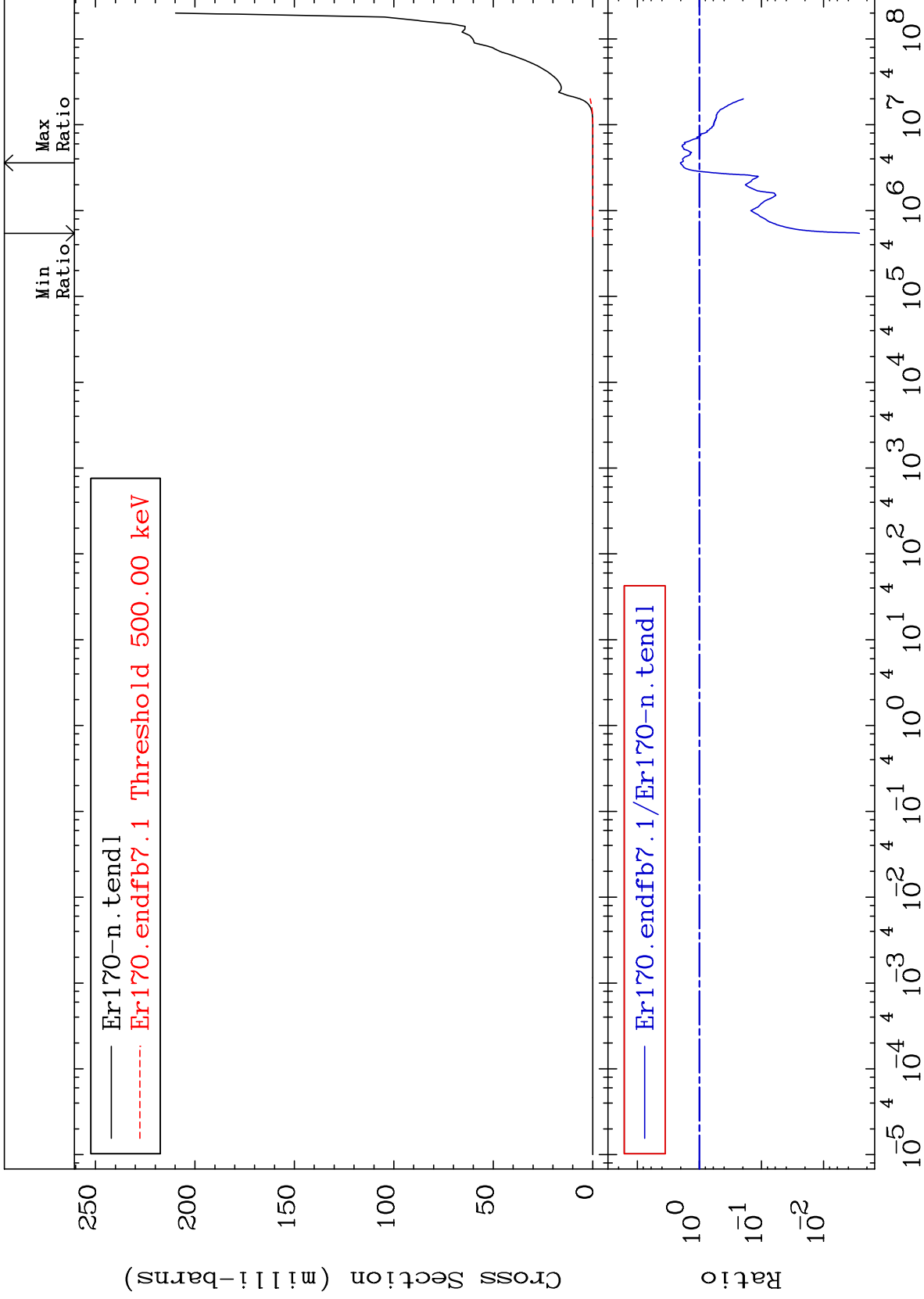
68-Er-170



MAT 6849

He-4 Production  
Cross Section

68-Er-170  
-99.73 To 102.5 %

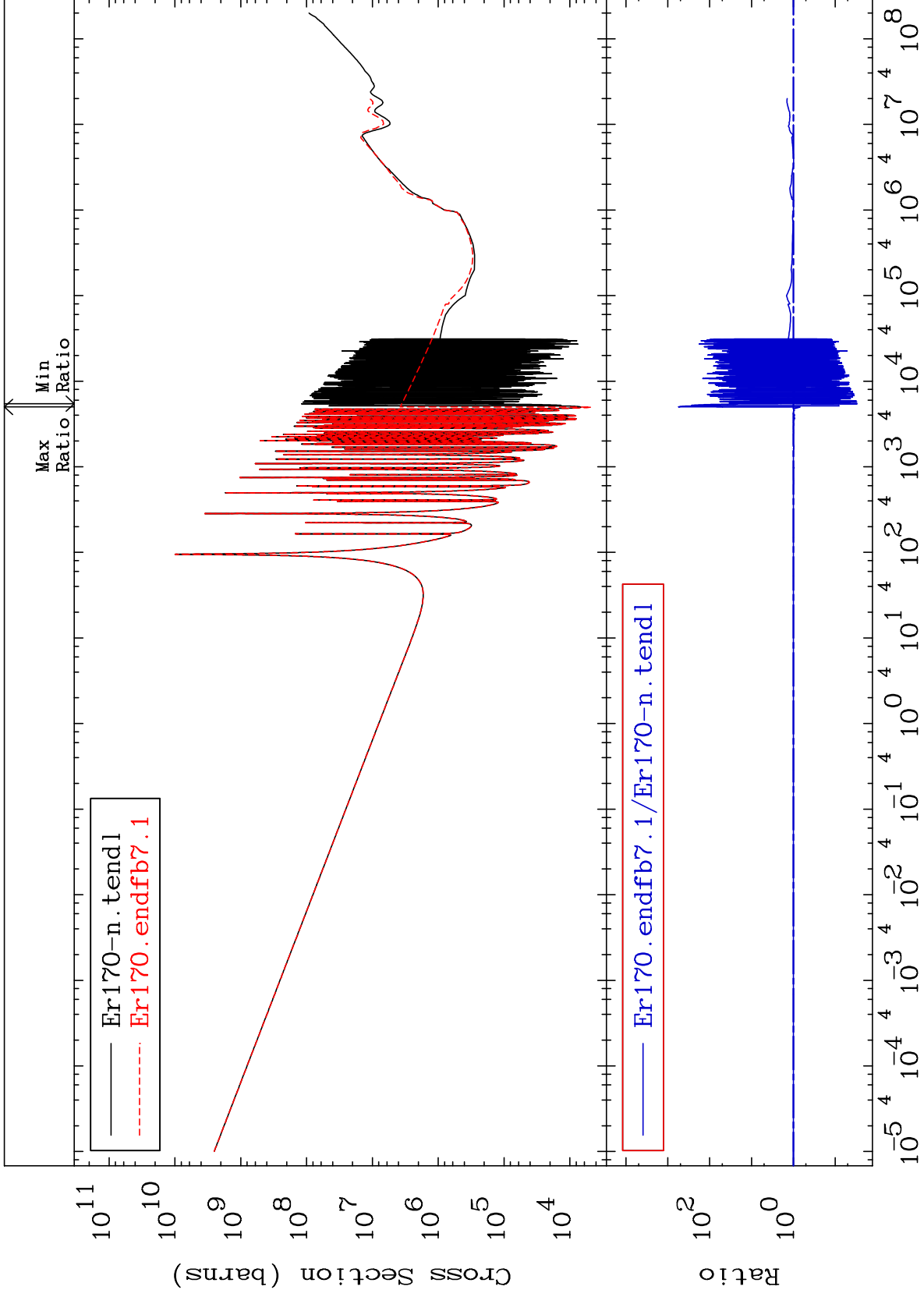


32

Incident Energy (eV)

68-Er-170

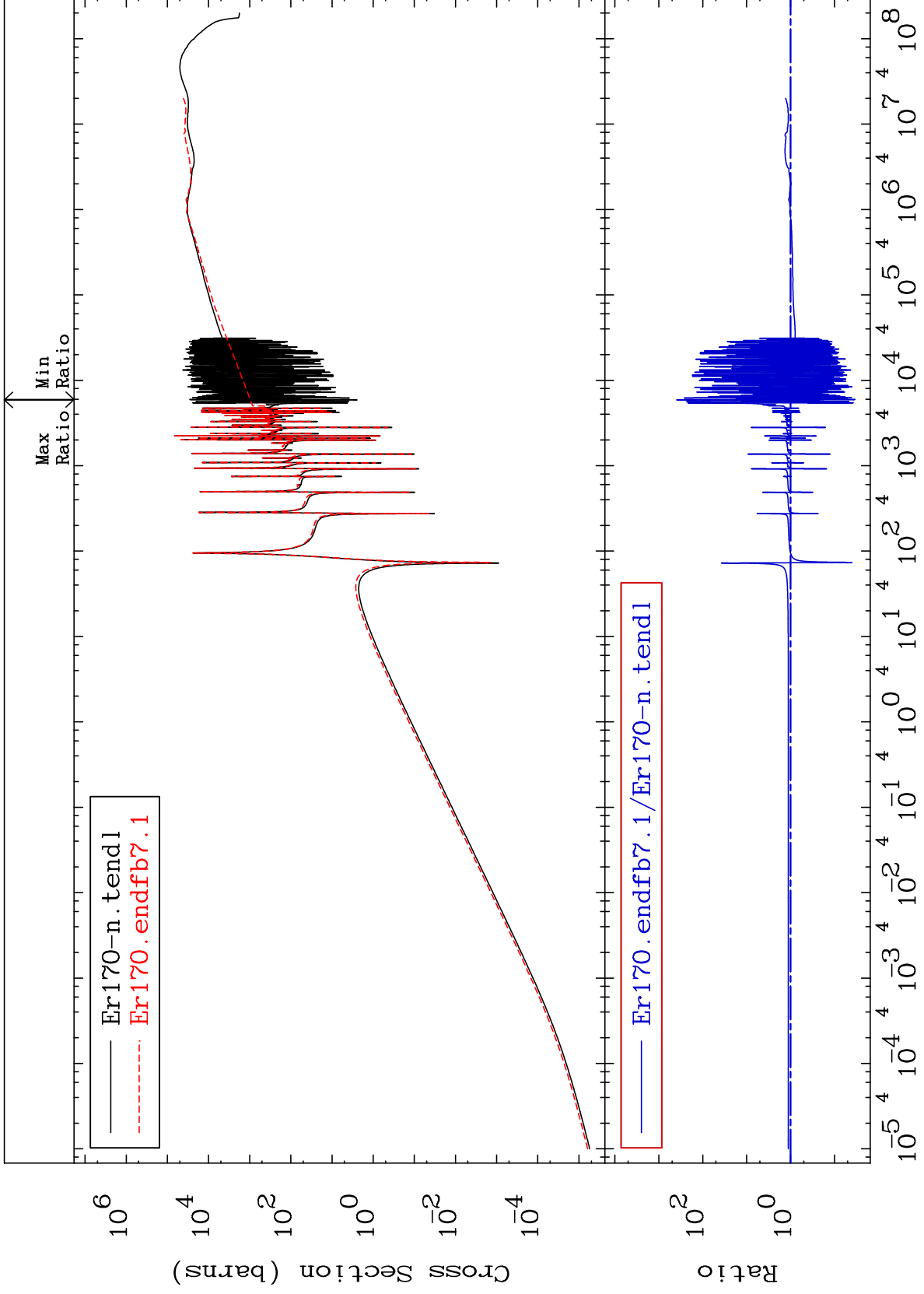


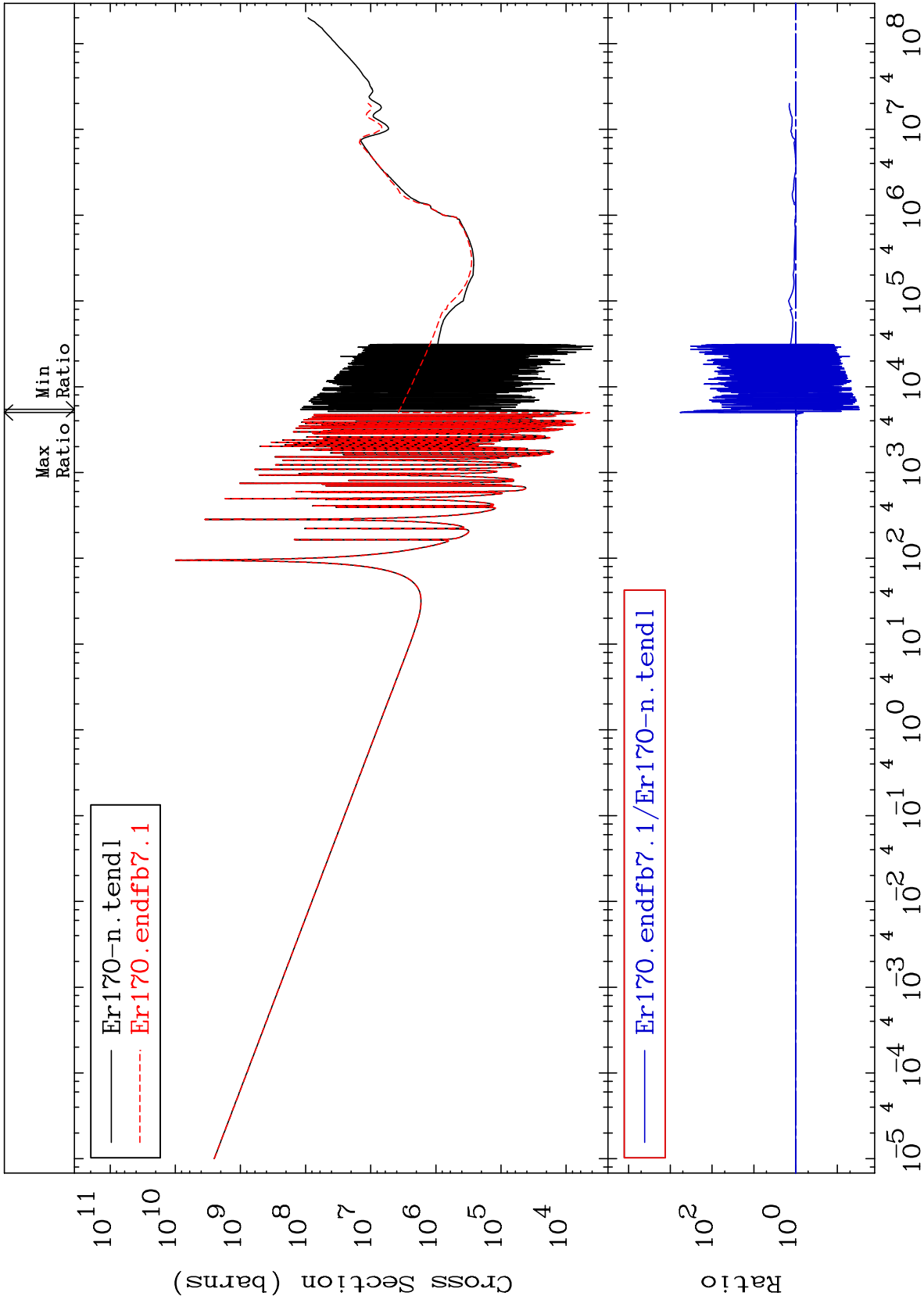


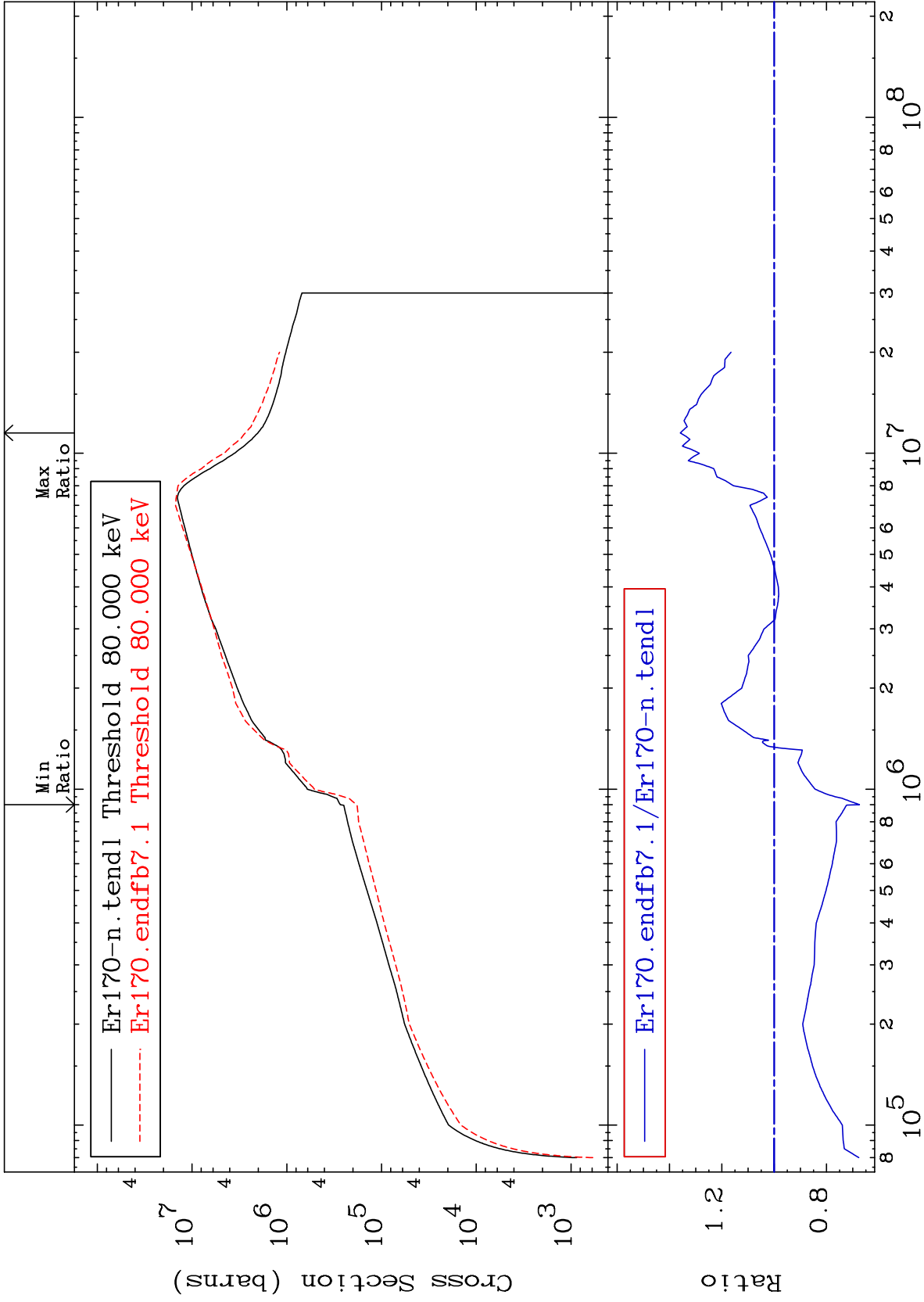
MAT 6849

Kerma elastic  
Cross Section

68-Er-170  
-96.60 To 9999. %



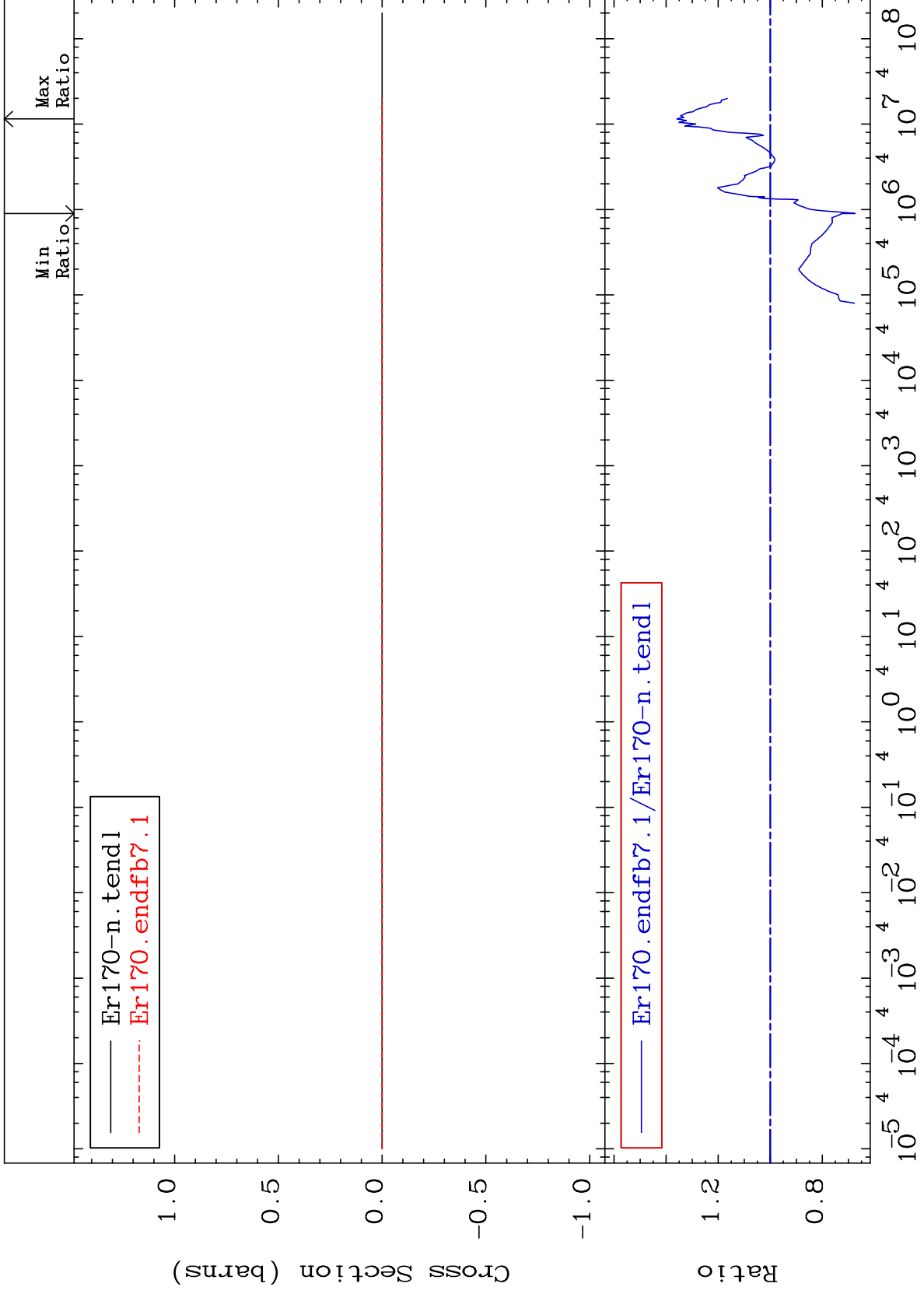




MAT 6849

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

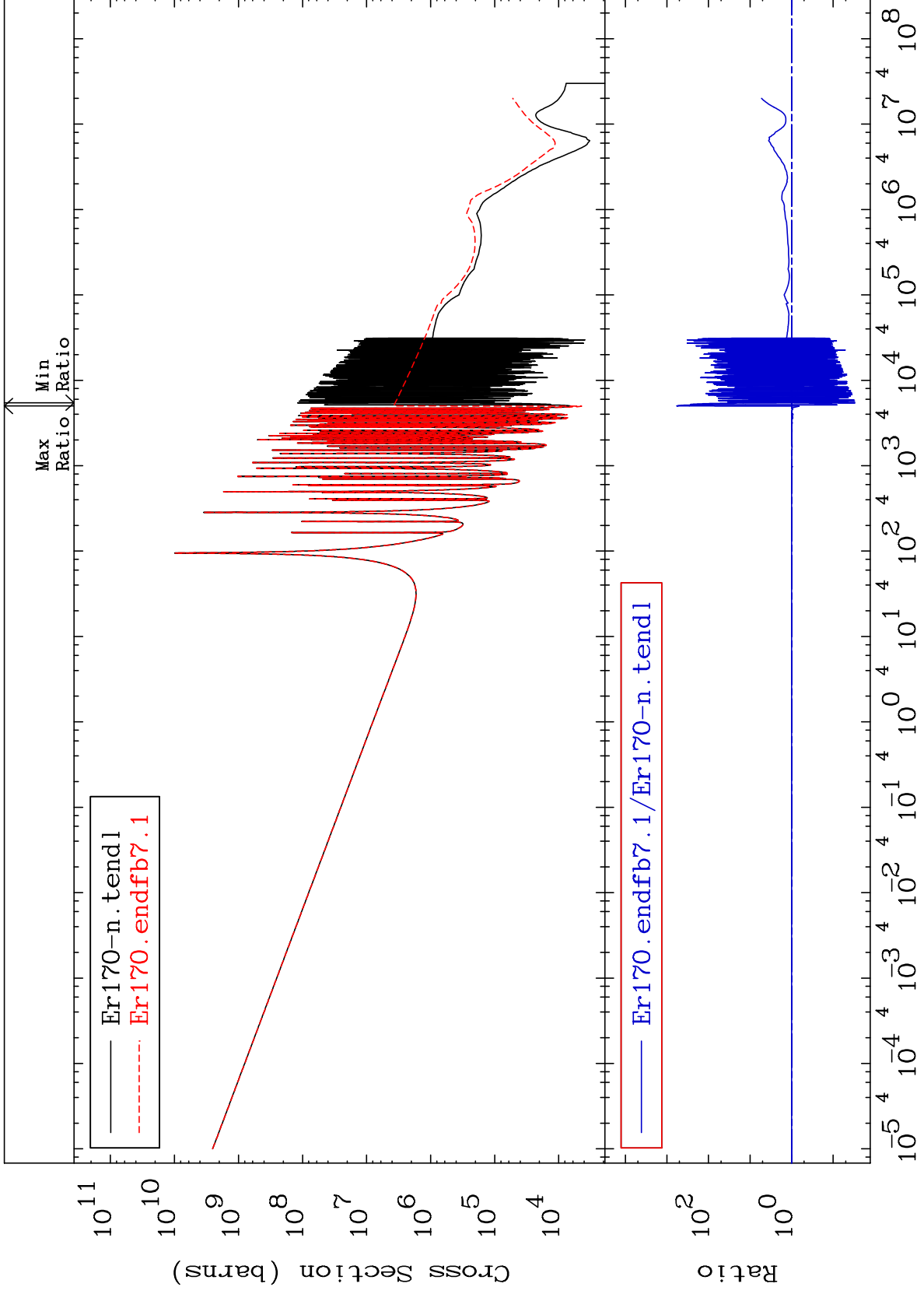
68-Er-170  
-32.55 To 35.86 %



MAT 6849

Kerma capture (mt102)  
Cross Section

68-Er-170  
-97.03 To 9999. %



38

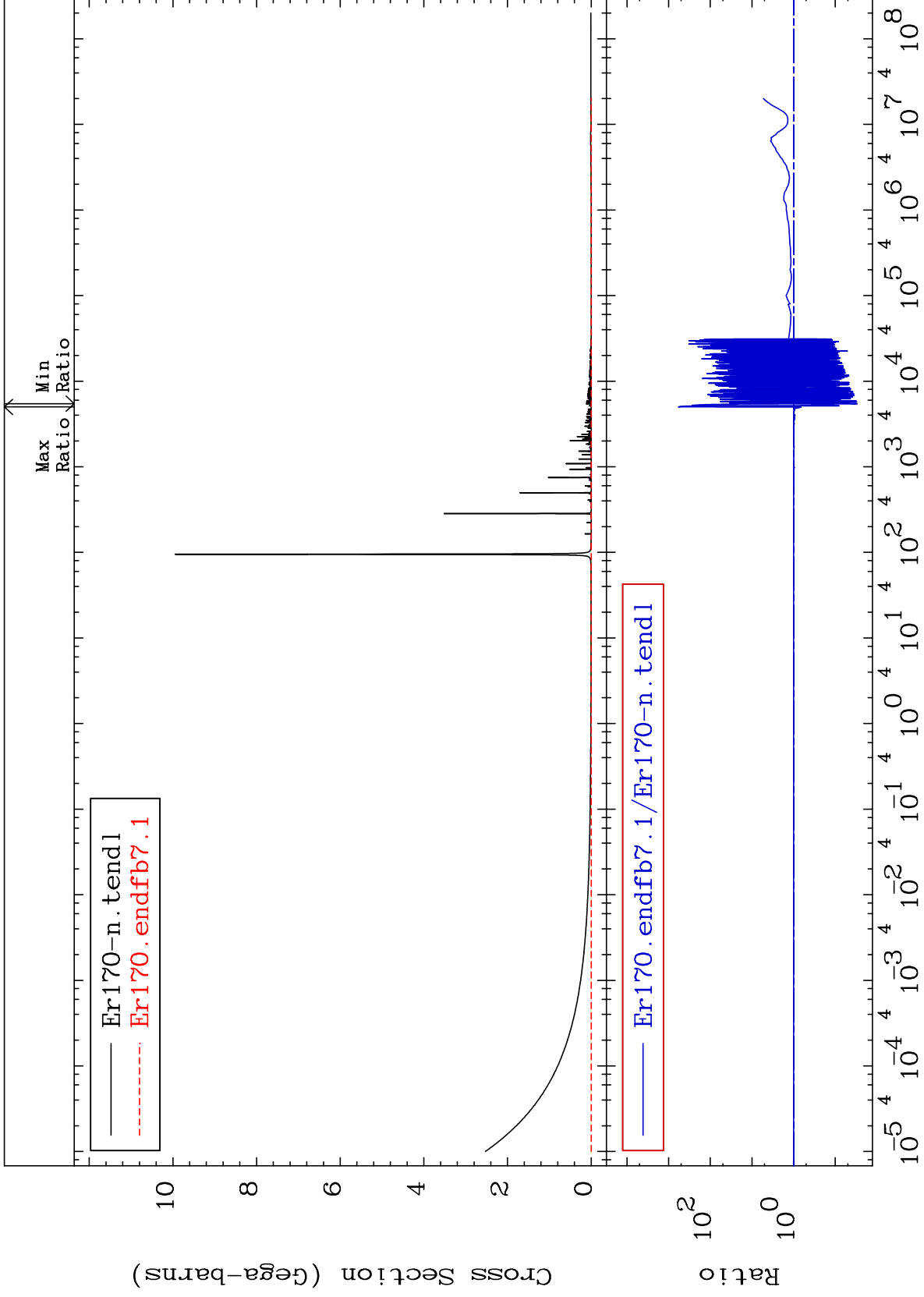
Incident Energy (eV)

68-Er-170

MAT 6849

Total photon (eV-barns)  
Cross Section

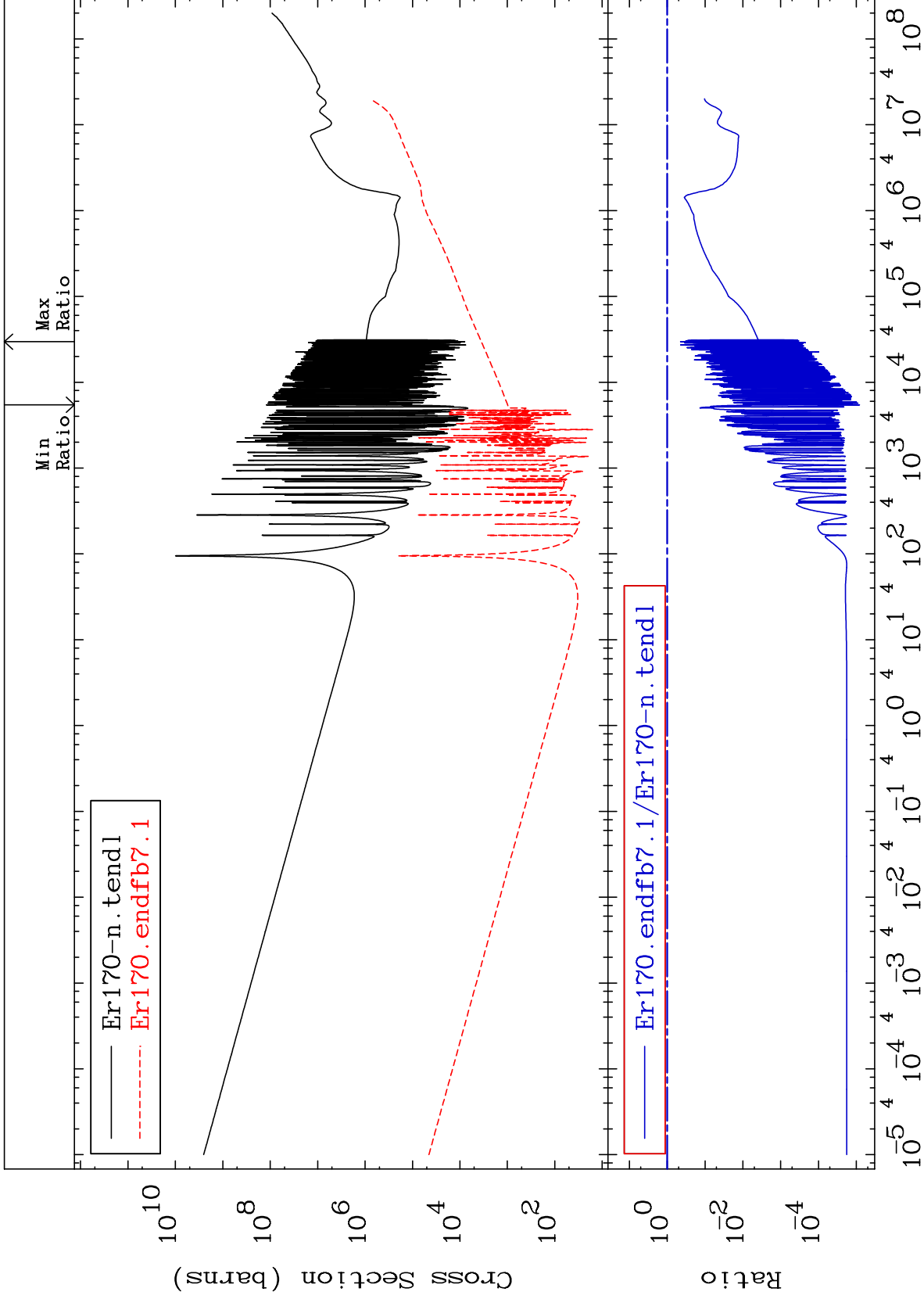
68-Er-170  
-97.03 To 9999. %



MAT 6849

Total kinematic kerma (high limit)  
Cross Section

68-Er-170  
-100.0 To -55.06%

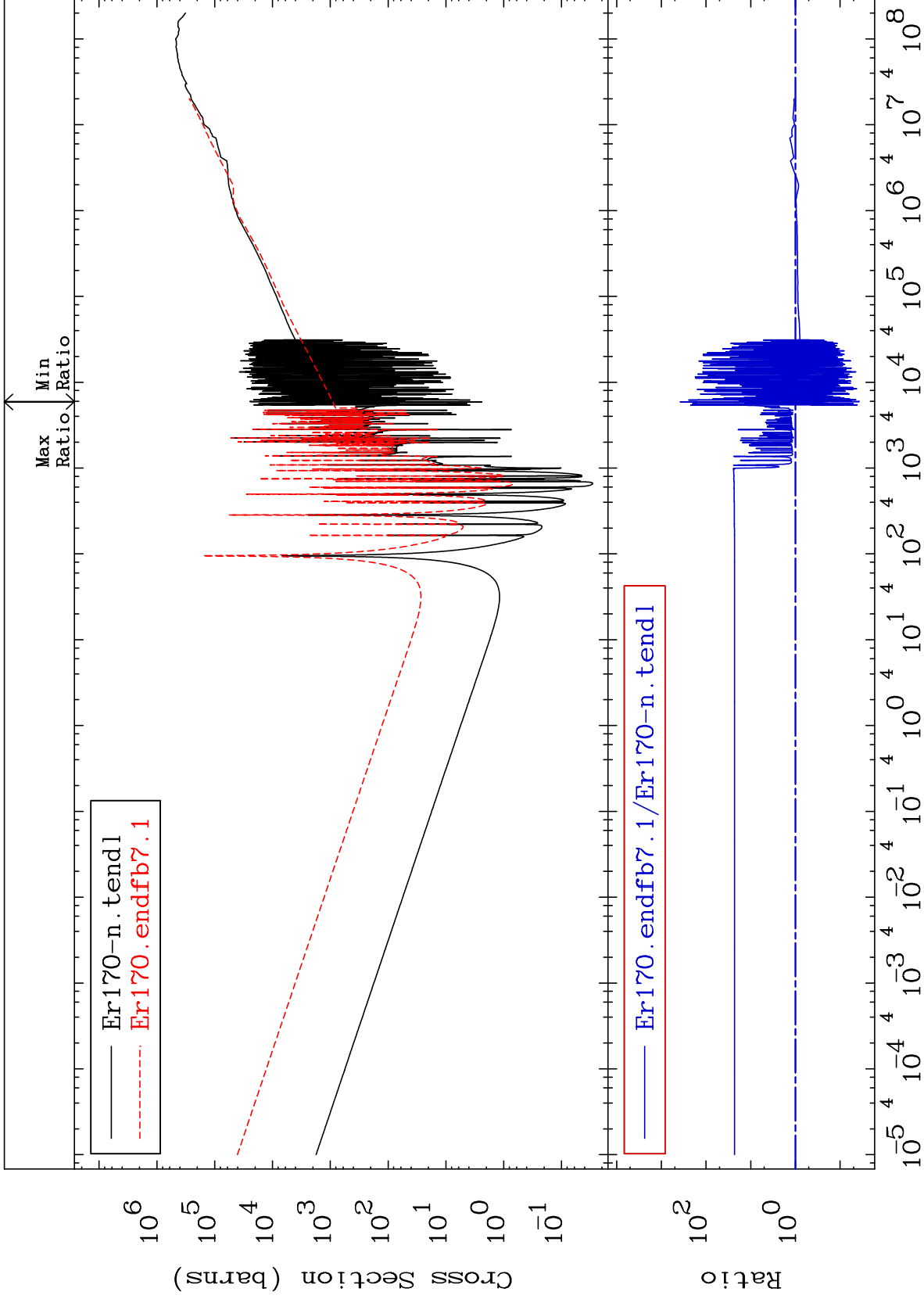


40

Incident Energy (eV)

68-Er-170

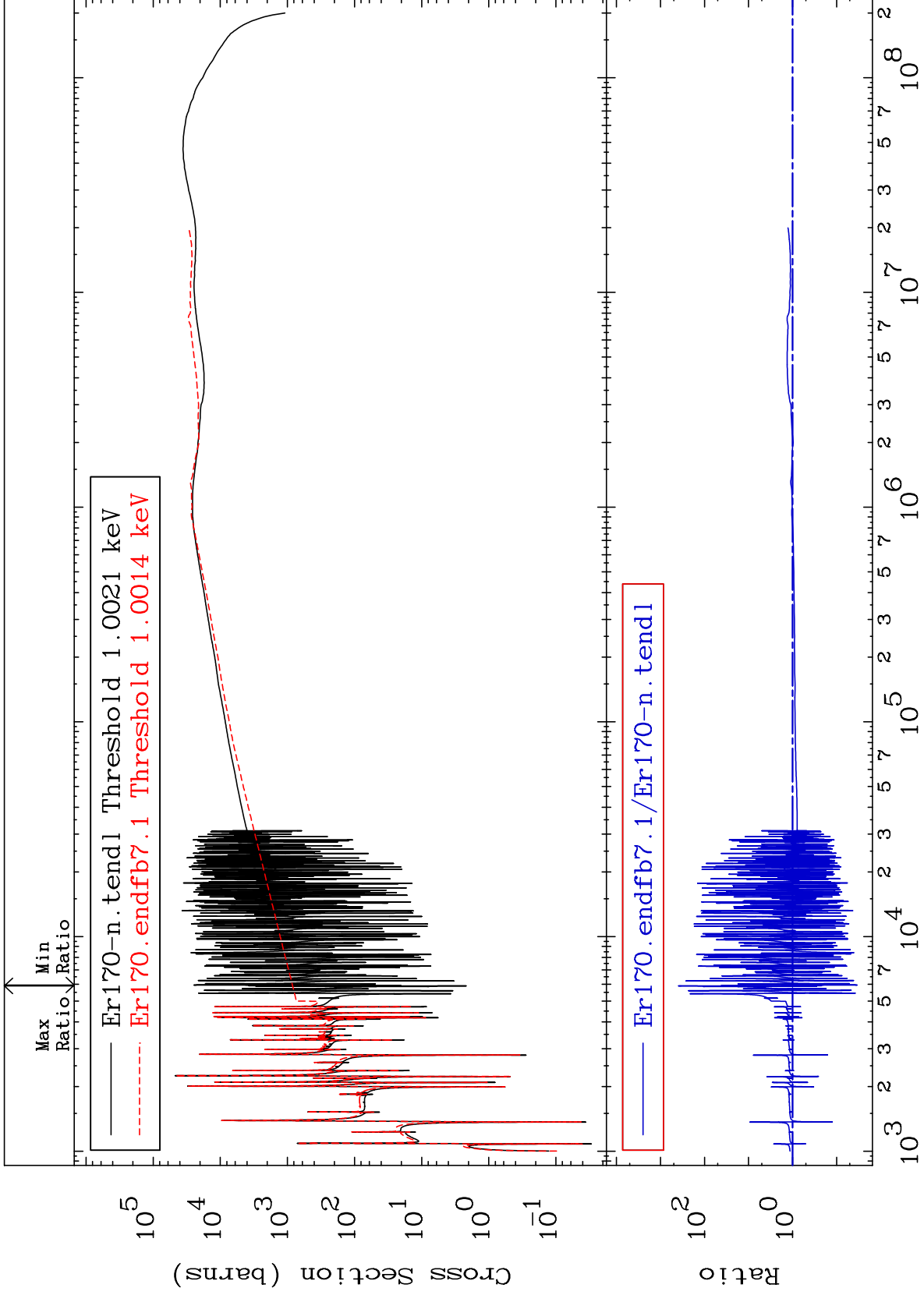




MAT 6849

Dpa elastic (mt2)  
Cross Section

68-Er-170  
-96.60 To 9999. %



42

Incident Energy (eV)

68-Er-170

