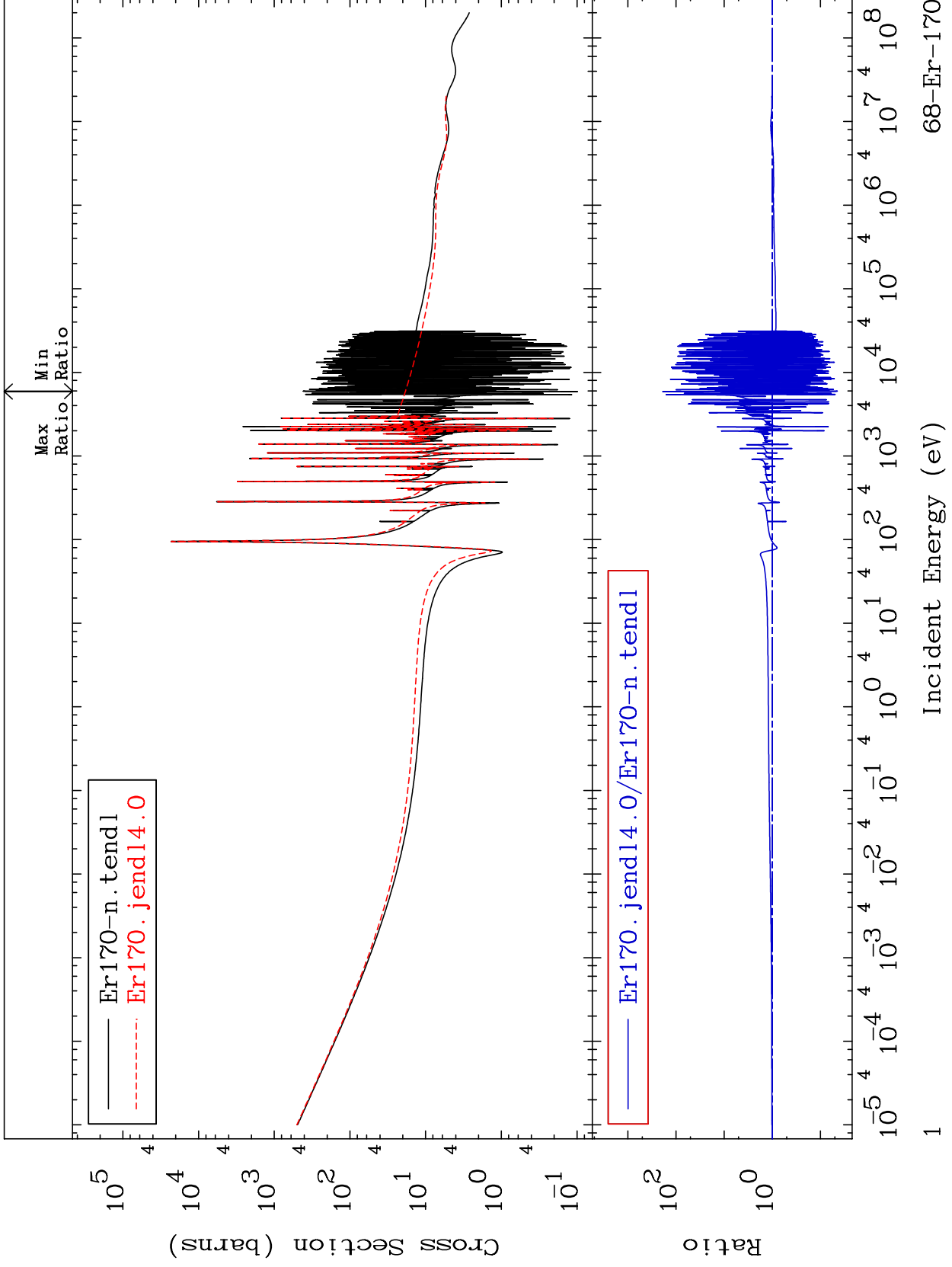


MAT 6849

Total
Cross Section

68-Er-170
-95.55 To 9999. %



68-Er-170

Incident Energy (eV)

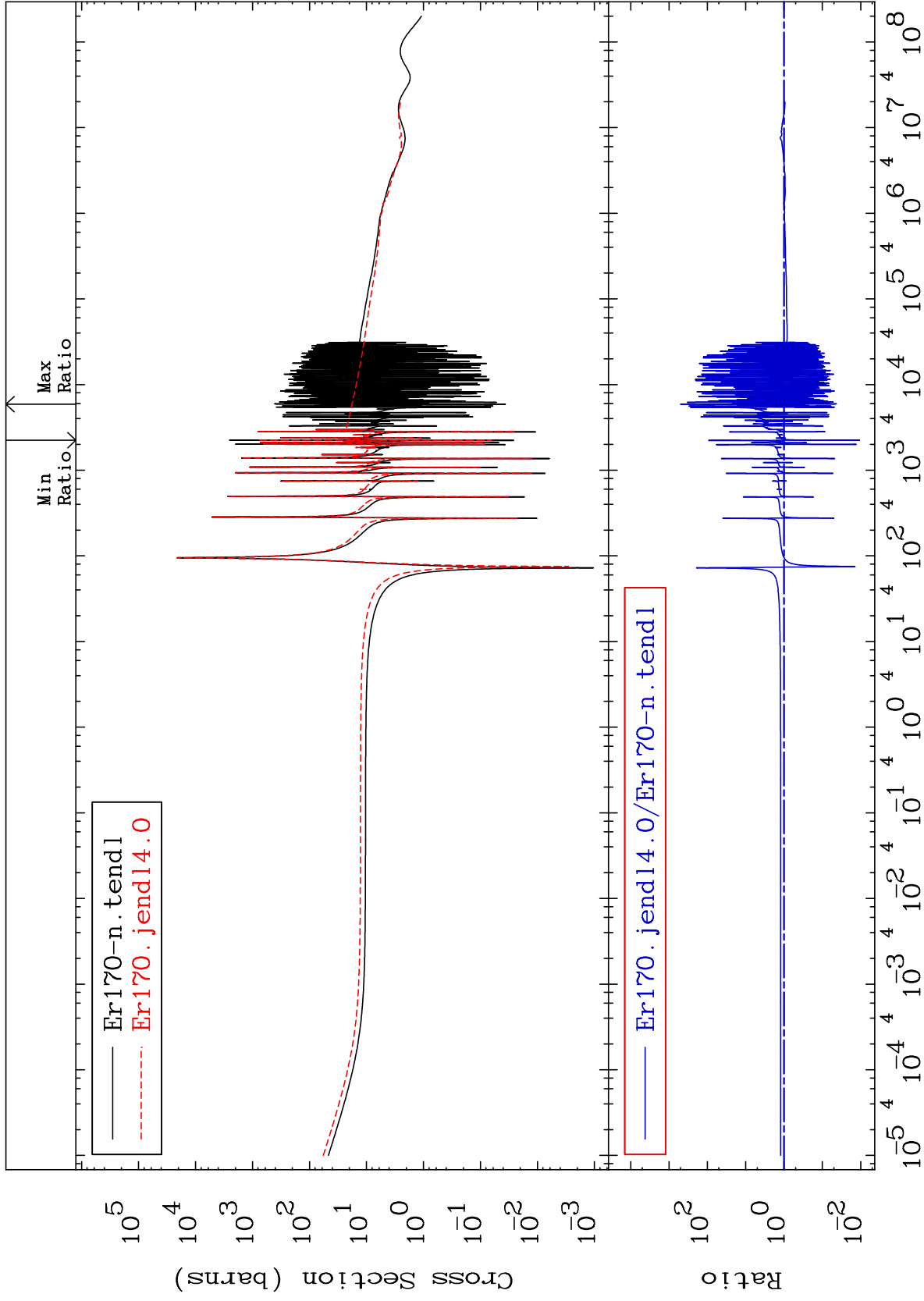
MAT 6849

Elastic

Cross Section

68-Er-170

-98.93 To 9999. %



Incident Energy (eV)

68-Er-170

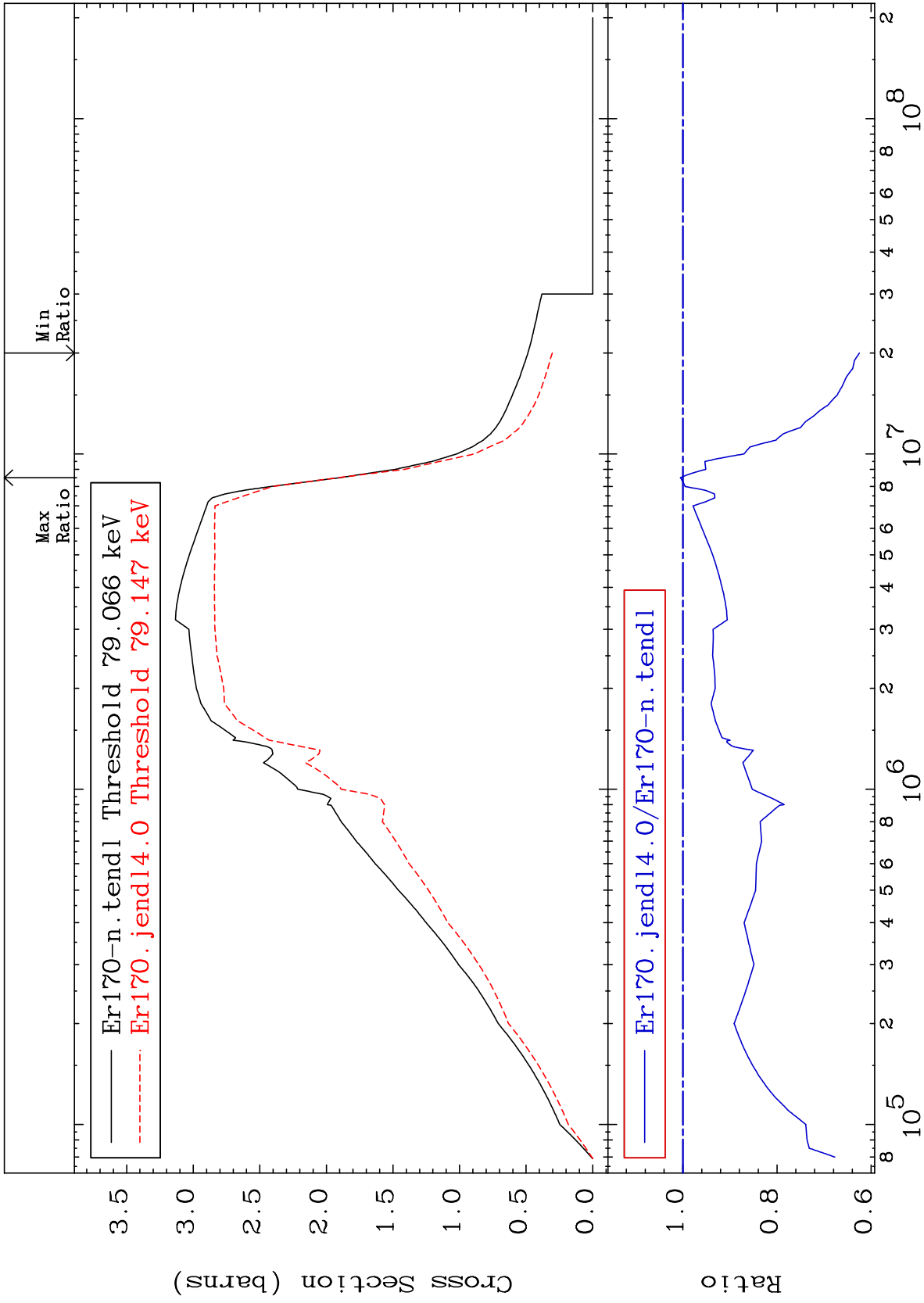
2

MAT 6849

68-Er-170

Inelastic
Cross Section

-37.51 To 0.536 %



3

Incident Energy (eV)

68-Er-170

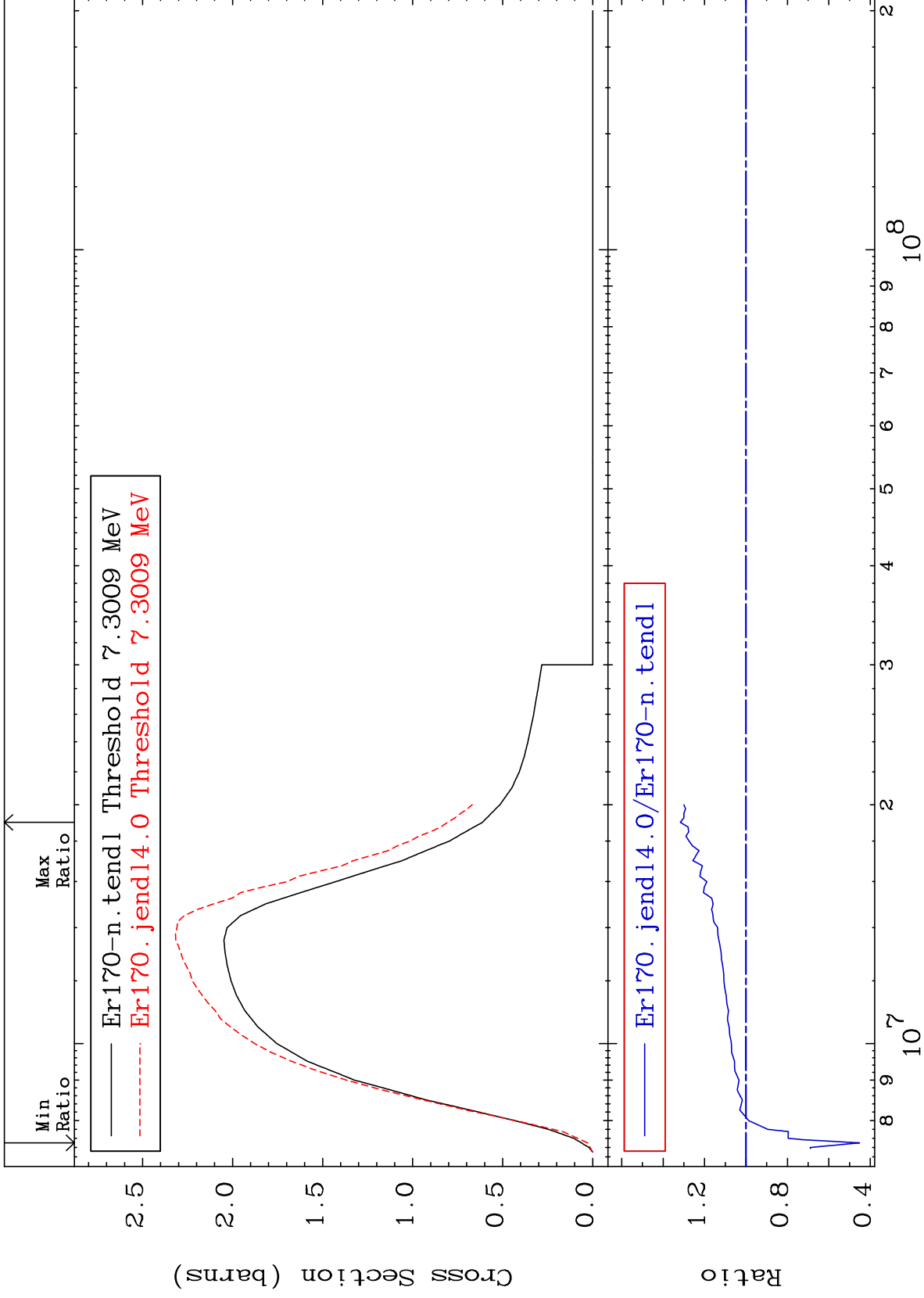
MAT 6849

(n,2n)

68-Er-170

Cross Section

-54.75 To 31.69 %



4

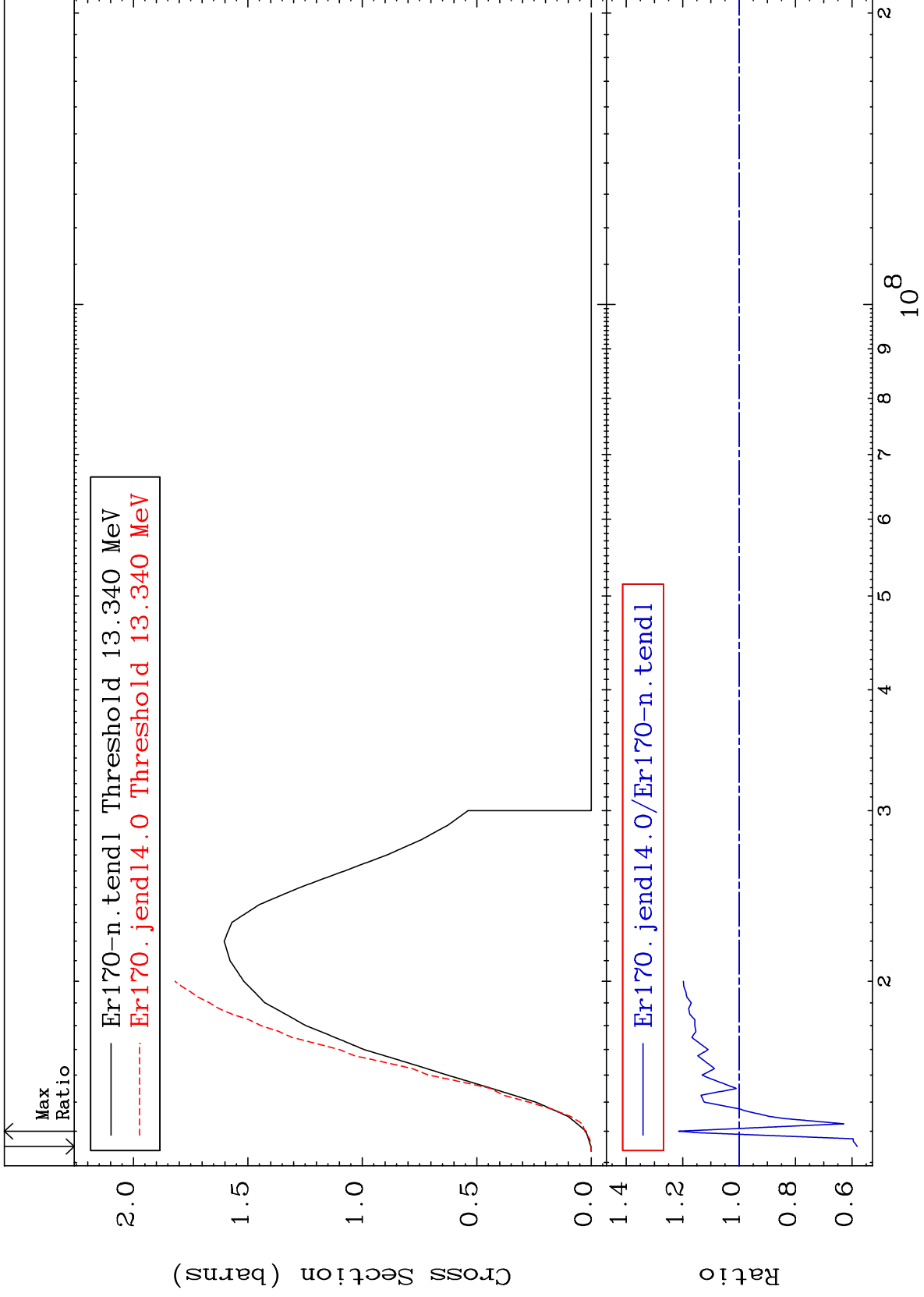
Incident Energy (eV)

68-Er-170

MAT 6849

(n,3n)
Cross Section

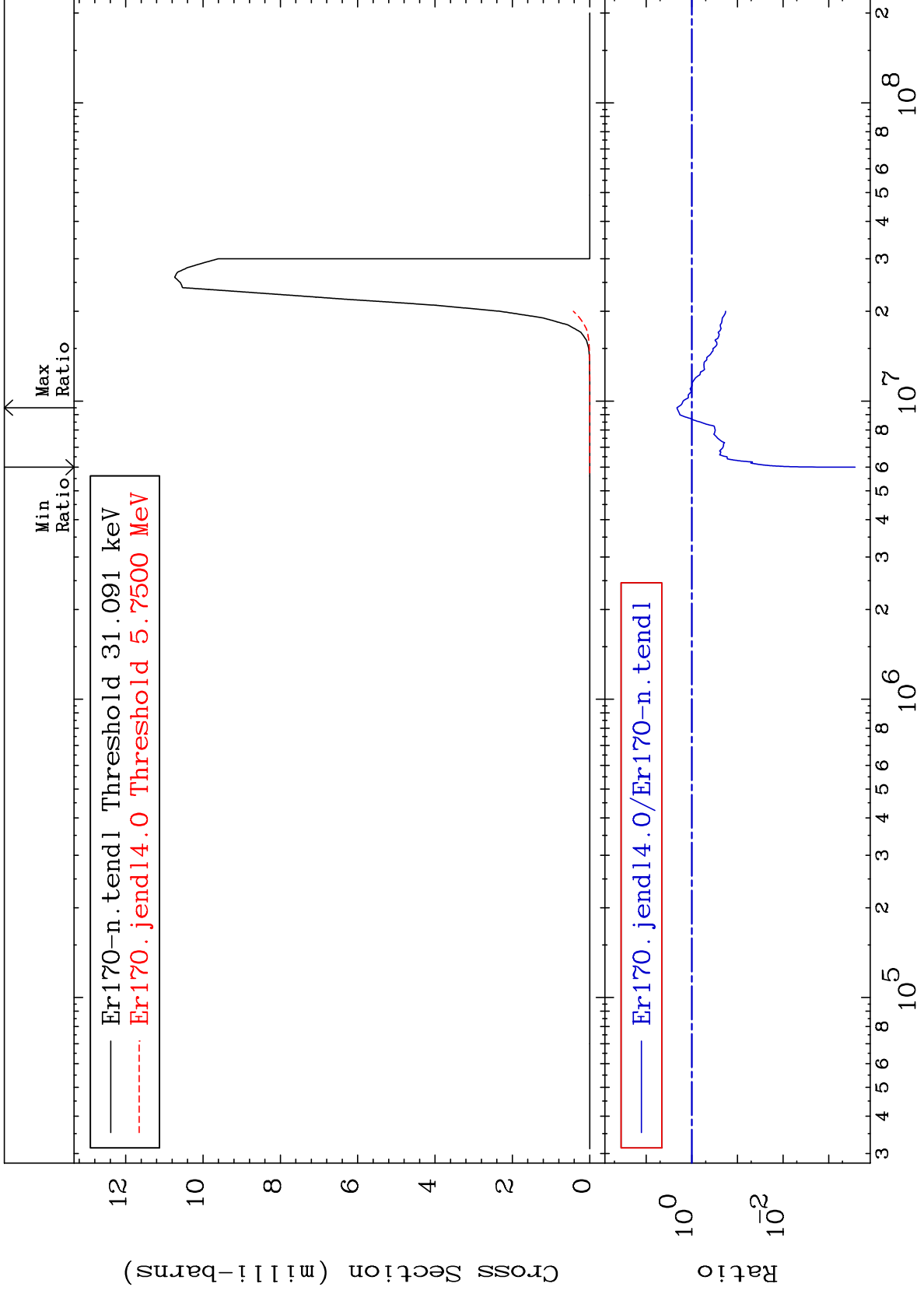
68-Er-170
-41.86 To 21.43 %



MAT 6849

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

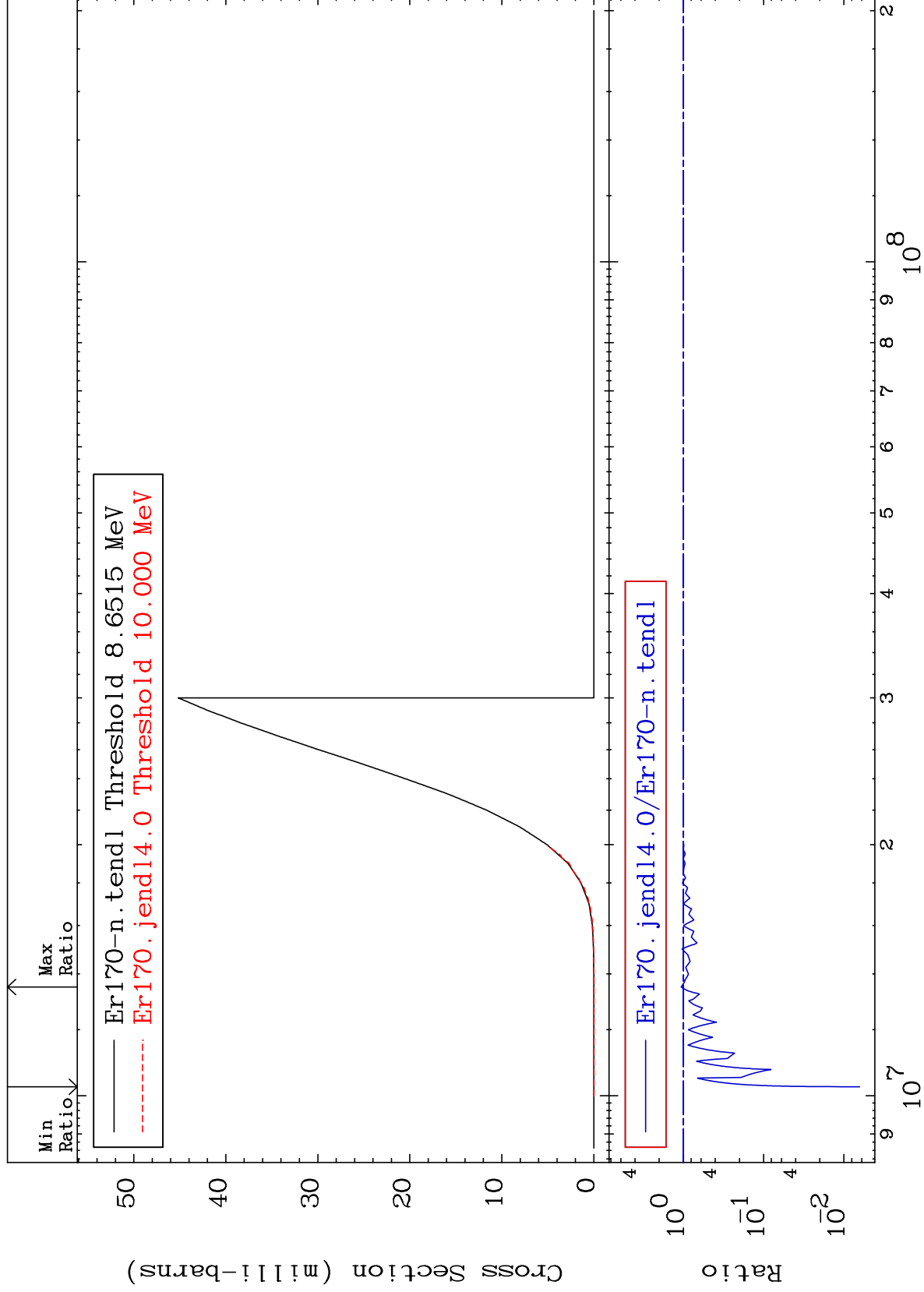
68-Er-170
-99.97 To 112.8 %



MAT 6849

(n, n') p
Cross Section

68-Er-170
-99.36 To 6.335 %



7

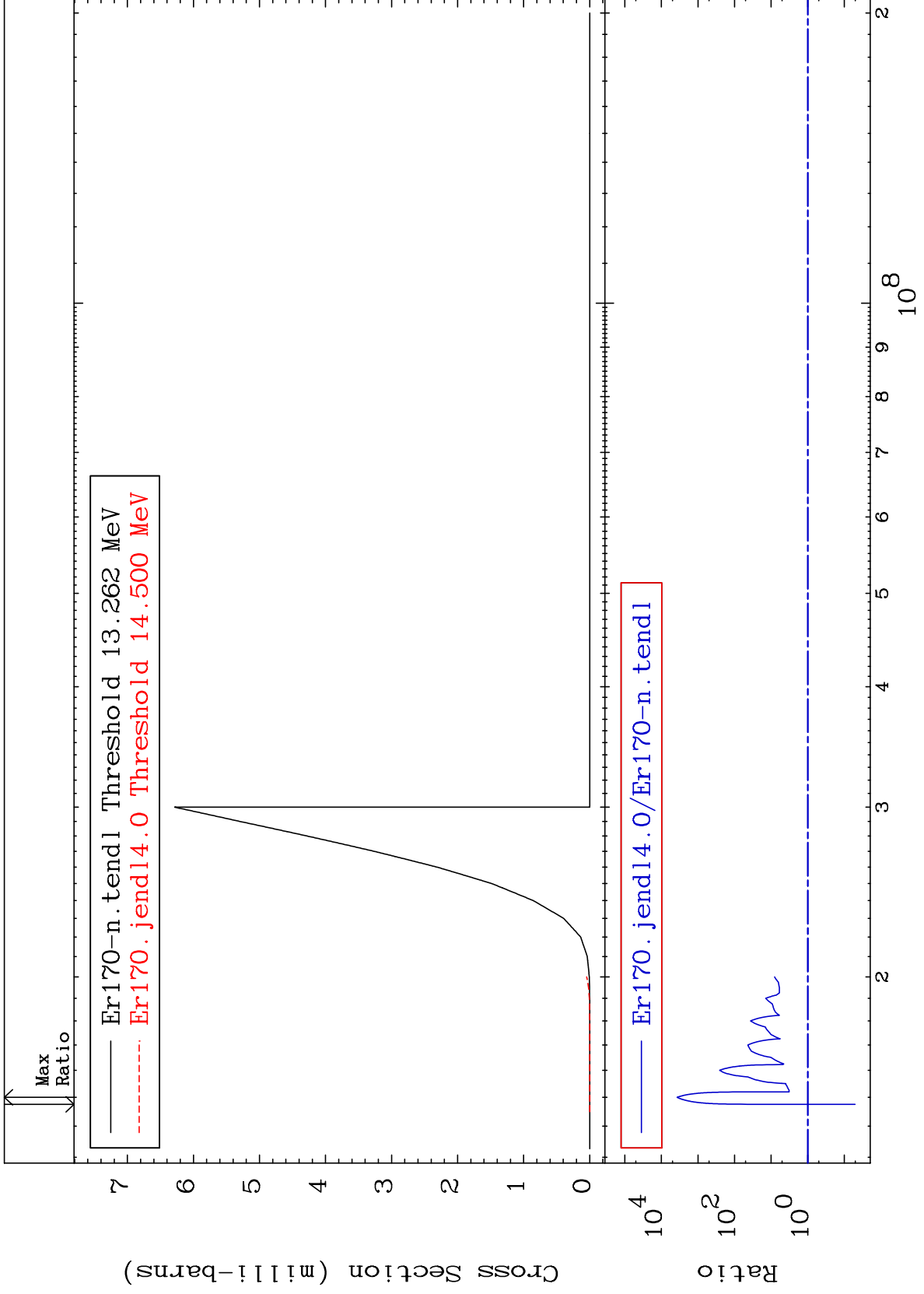
Incident Energy (eV)

68-Er-170

MAT 6849

(n,n') d
Cross Section

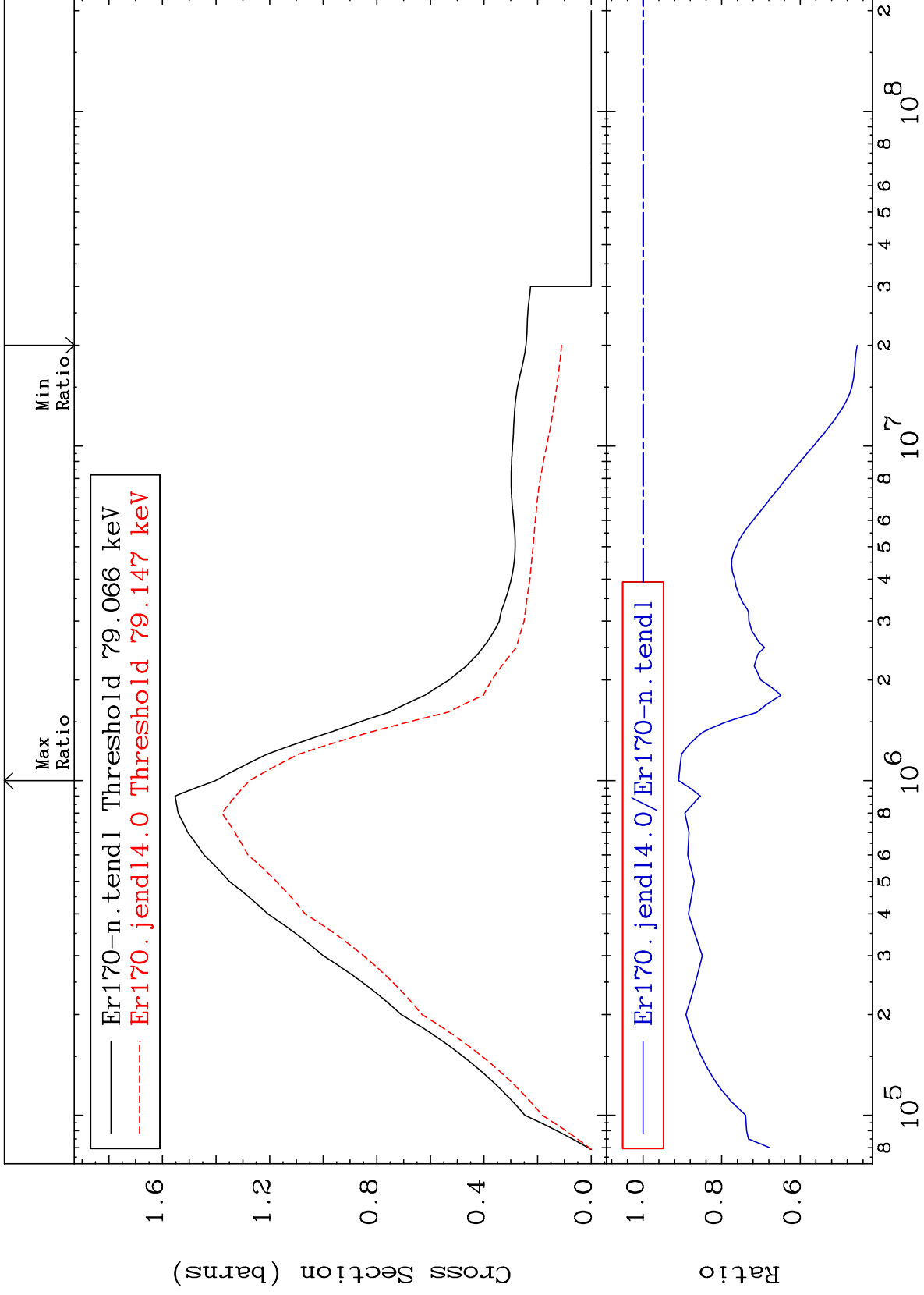
68-Er-170
-94.94 To 9999. %



MAT 6849

78.60 keV (n,n') Level
Cross Section

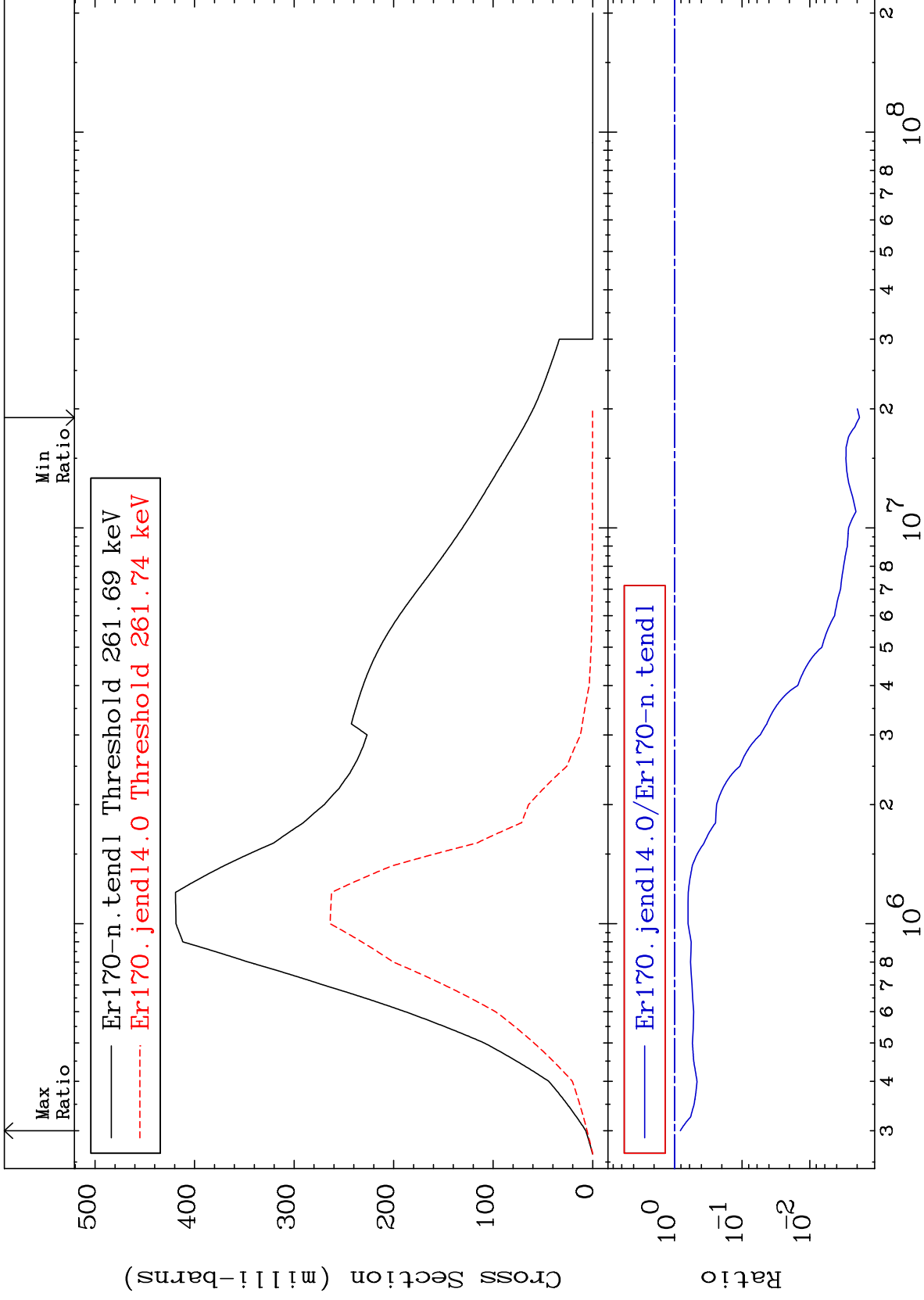
68-Er-170
-54.53 To -9.043%



MAT 6849

260.1 keV (n,n') Level
Cross Section

68-Er-170
-99.82 To -18.40%



10

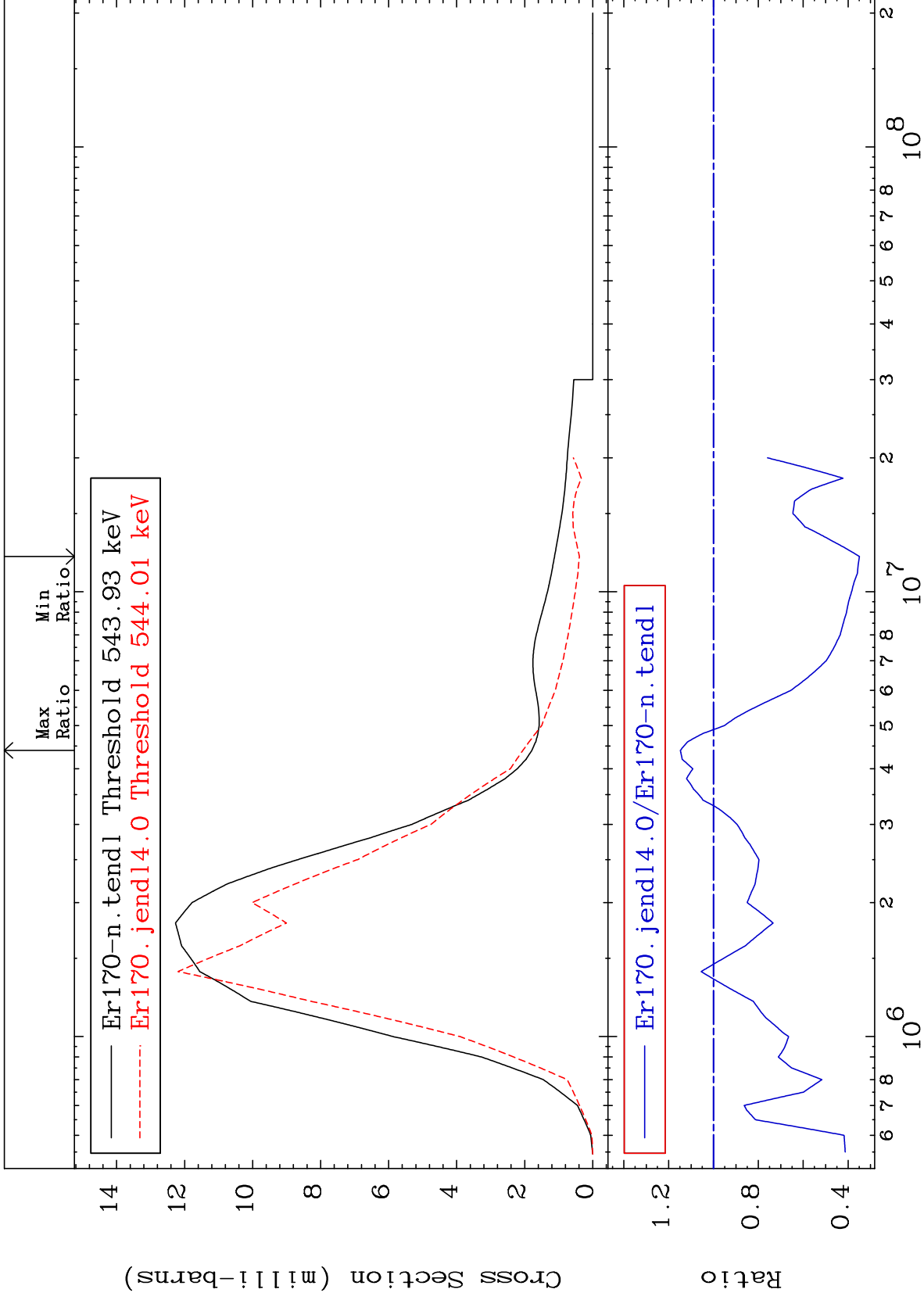
Incident Energy (eV)

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

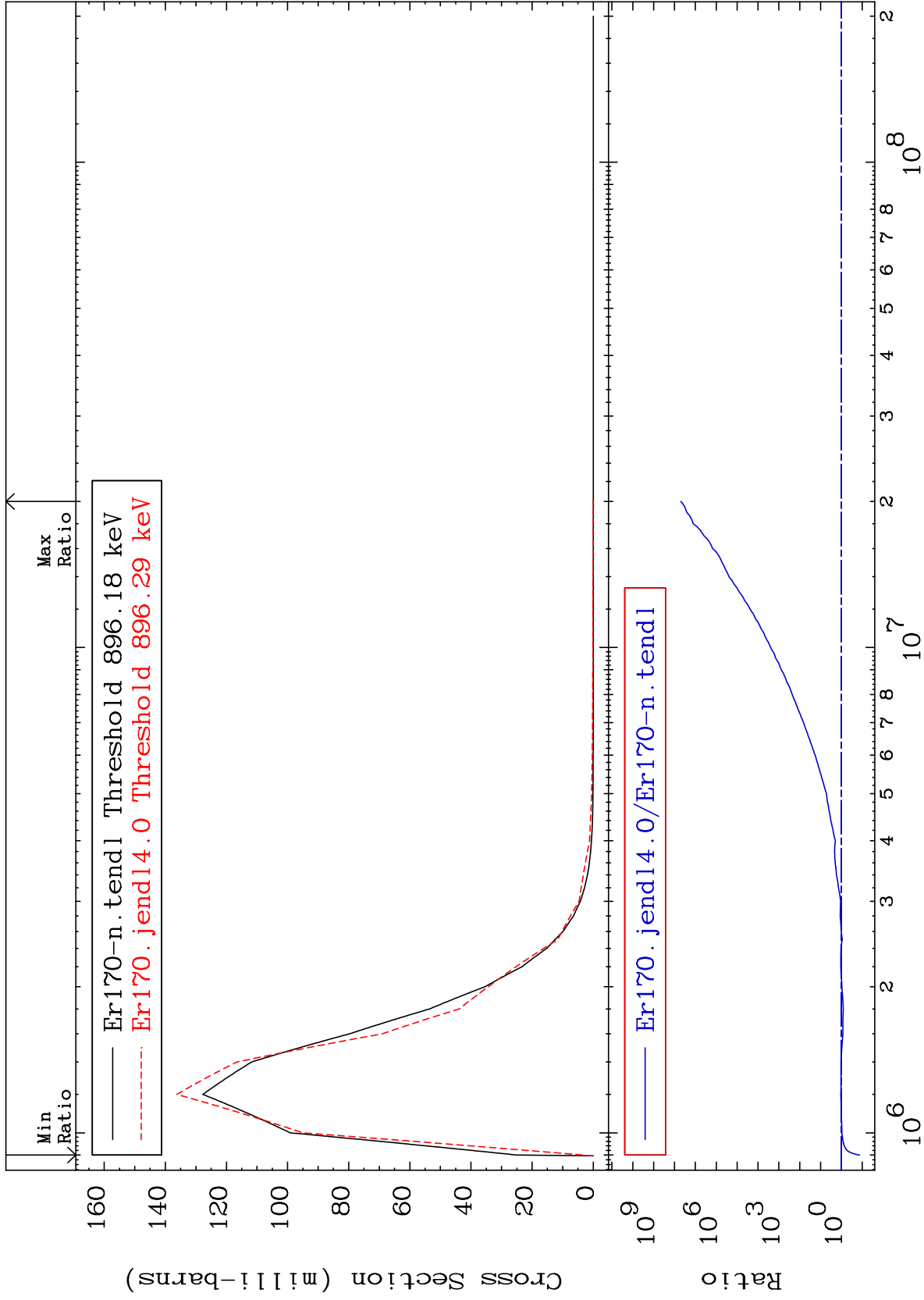
MAT 6849

890.9 keV (n,n') Level

68-Er-170

-86.37 To 9999. %

Cross Section



12

Incident Energy (eV)

68-Er-170

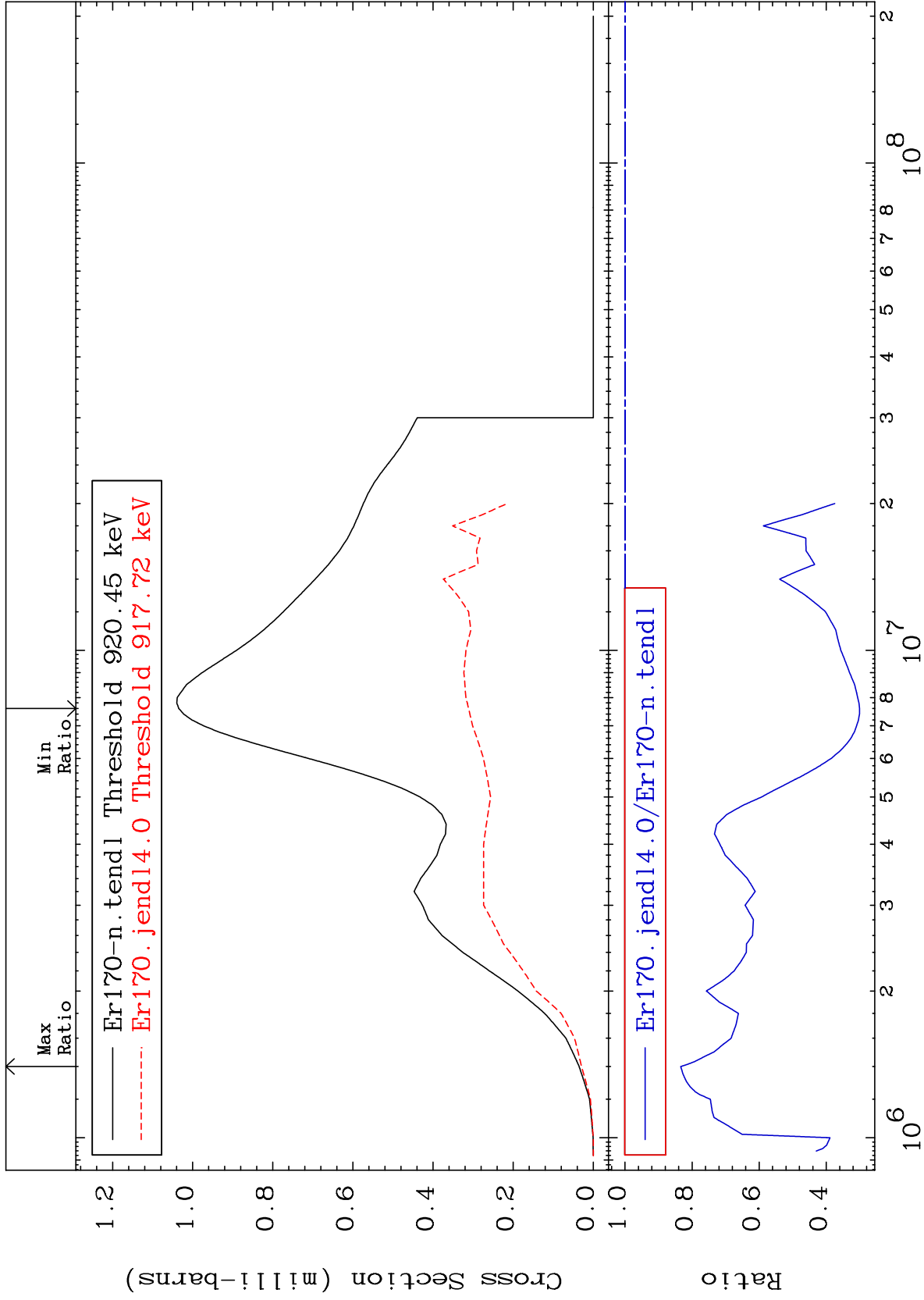
MAT 6849

915.0 keV (n,n') Level

68-Er-170

-69.92 To -16.62%

Cross Section



13

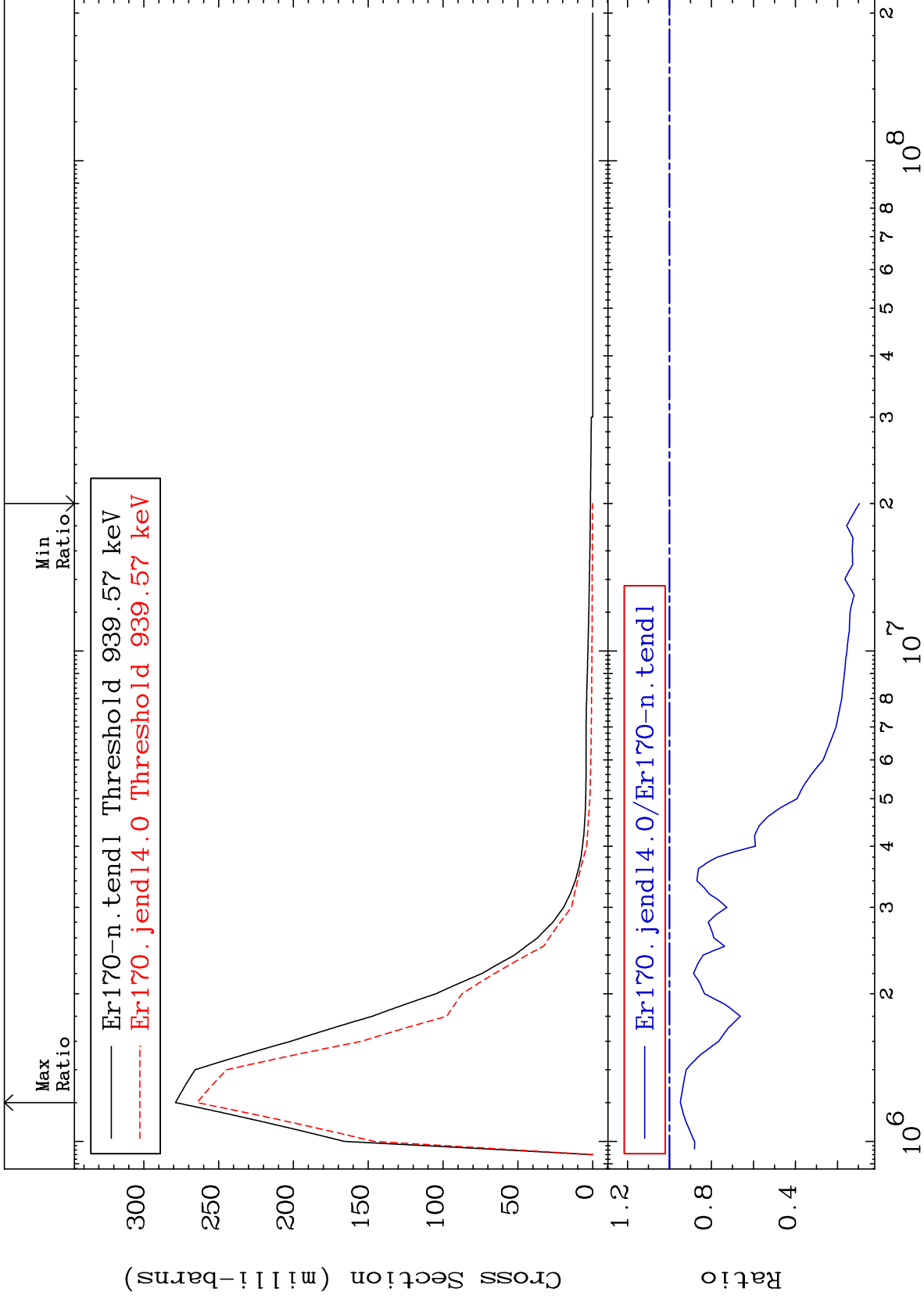
Incident Energy (eV)

68-Er-170

MAT 6849

934.0 keV (n,n') Level
Cross Section

68-Er-170
-90.46 To -5.176%



14

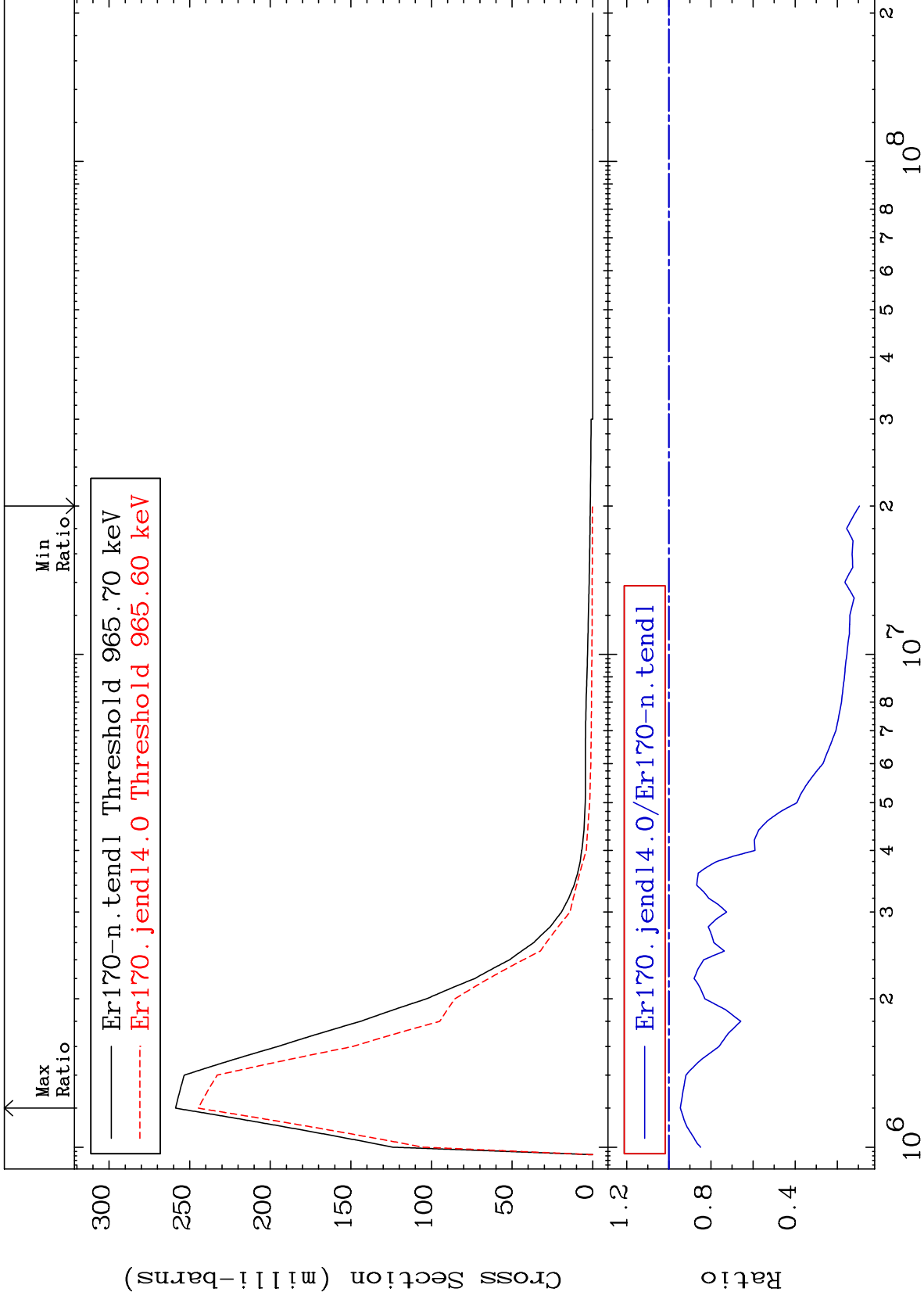
Incident Energy (eV)

68-Er-170

MAT 6849

960.0 keV (n,n') Level
Cross Section

68-Er-170
-90.46 To -5.447%



15

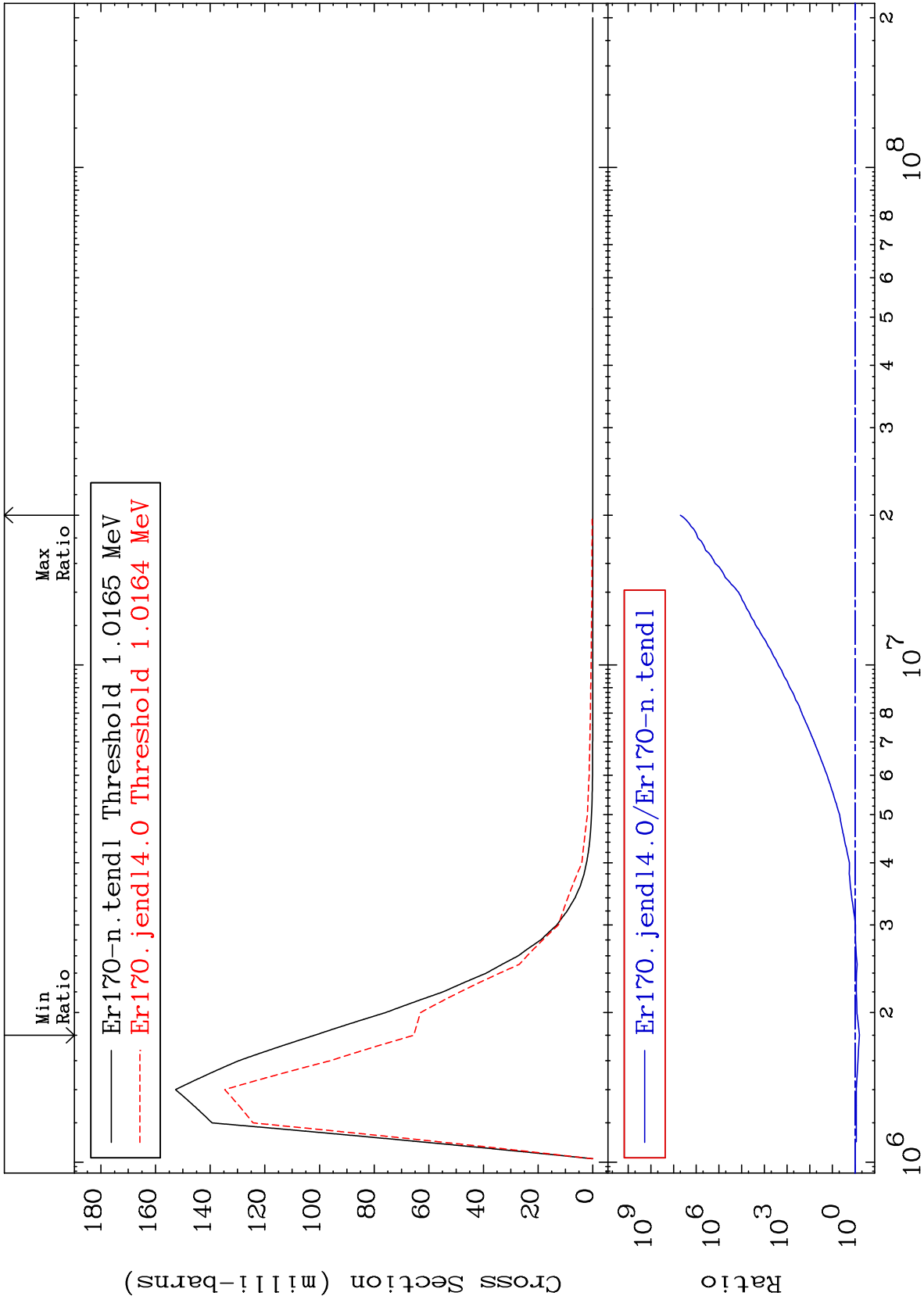
Incident Energy (eV)

68-Er-170

MAT 6849

1.011 MeV (n,n') Level
Cross Section

68-Er-170
-35.68 To 9999. %



16

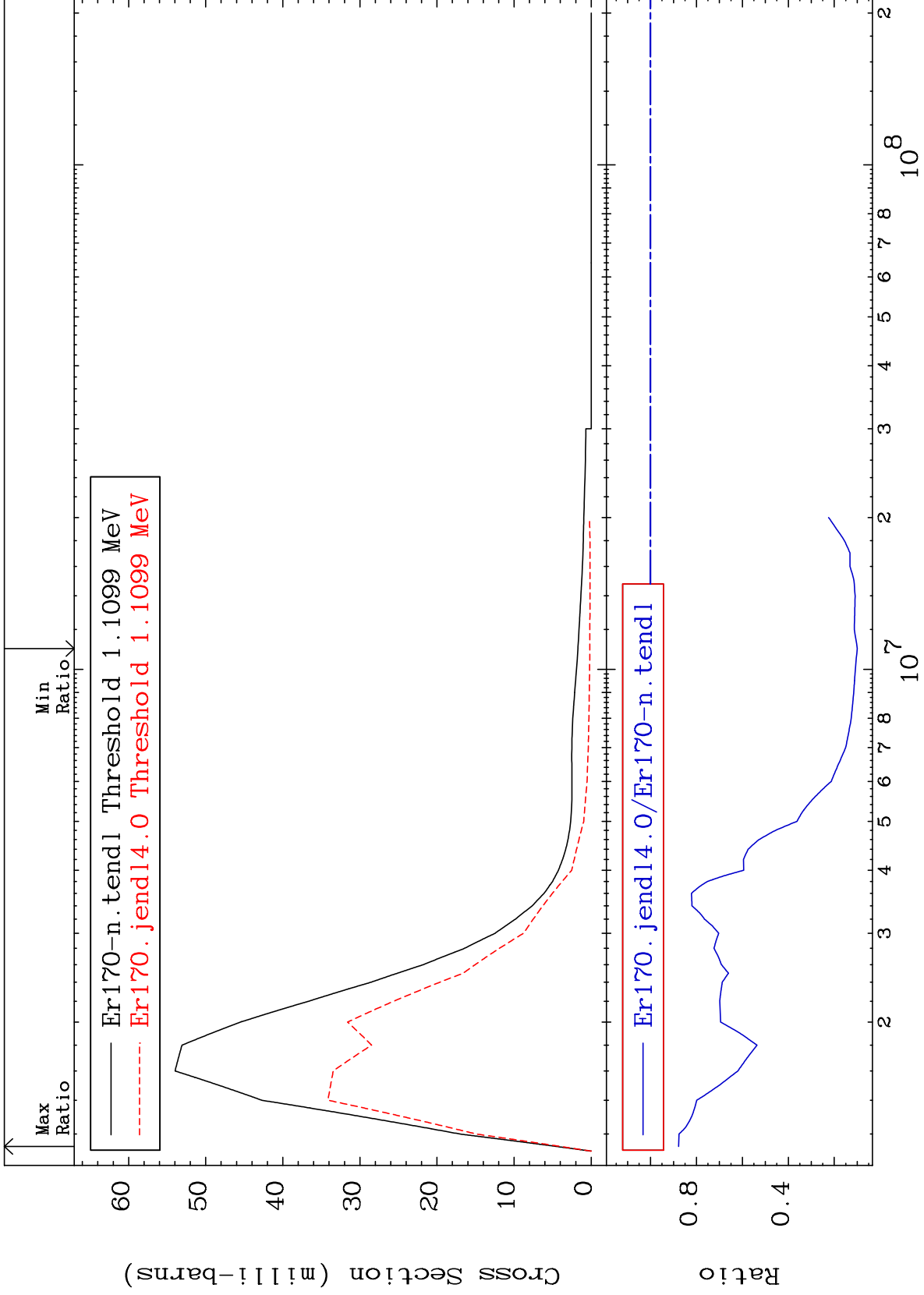
Incident Energy (eV)

68-Er-170

MAT 6849

1.103 MeV (n,n') Level
Cross Section

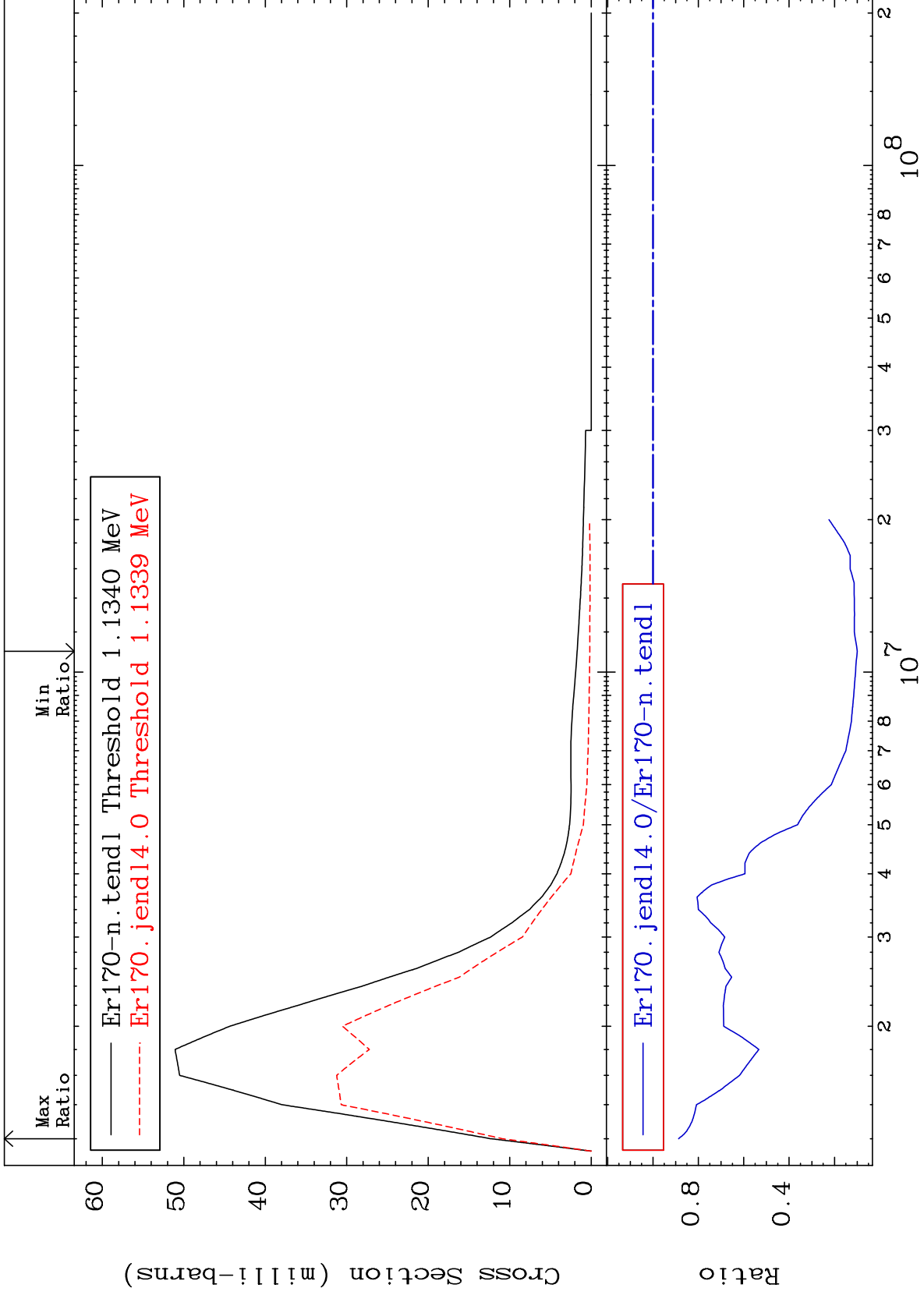
68-Er-170
-90.02 To -12.23%



MAT 6849

1.127 MeV (n,n') Level
Cross Section

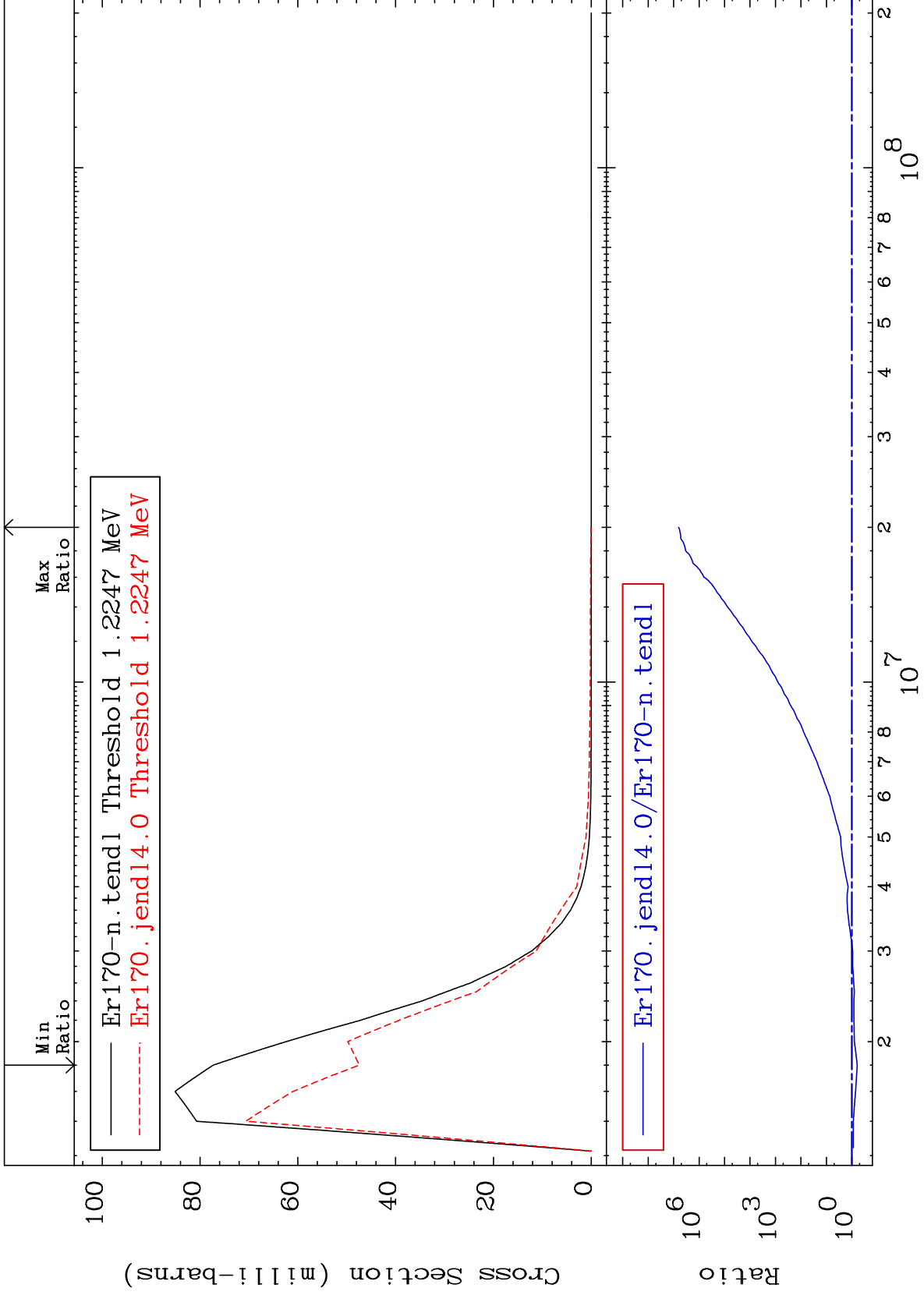
68-Er-170
-90.02 To -11.32%



MAT 6849

1.218 MeV (n,n') Level
Cross Section

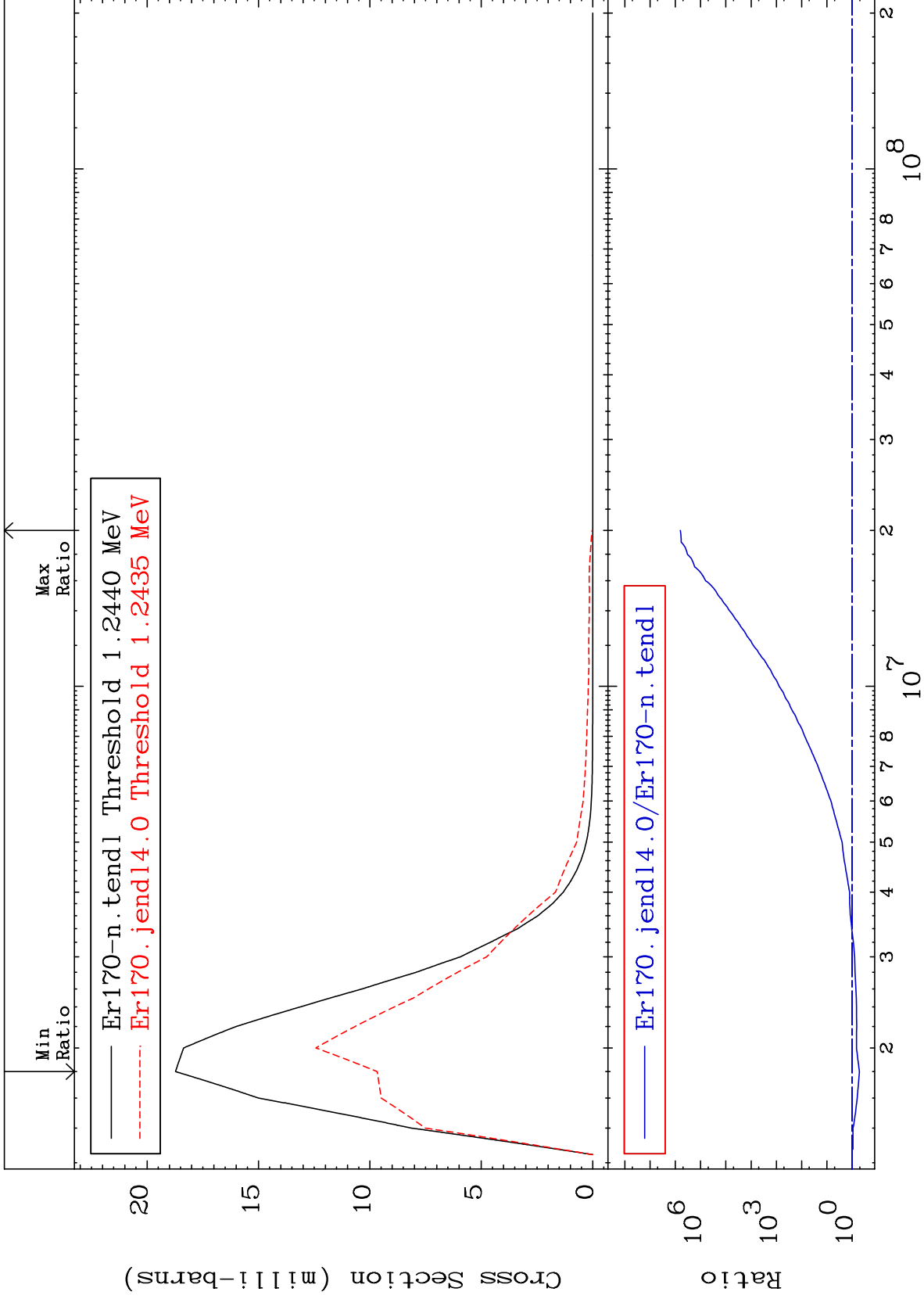
68-Er-170
-38.61 To 9999. %



MAT 6849

1.237 MeV (n,n') Level
Cross Section

68-Er-170
-48.34 To 9999. %



20

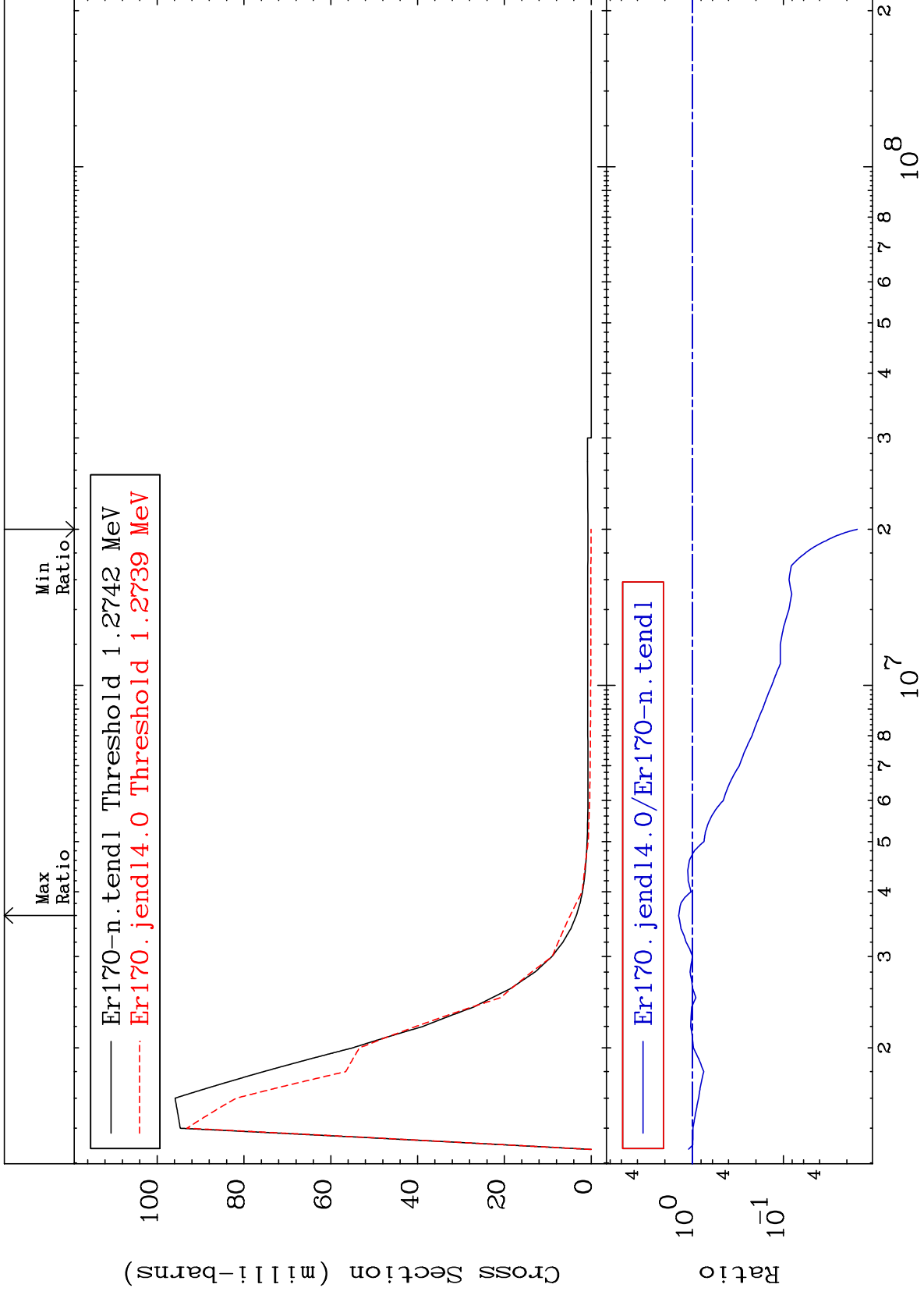
Incident Energy (eV)

68-Er-170

MAT 6849

1.267 MeV (n,n') Level
Cross Section

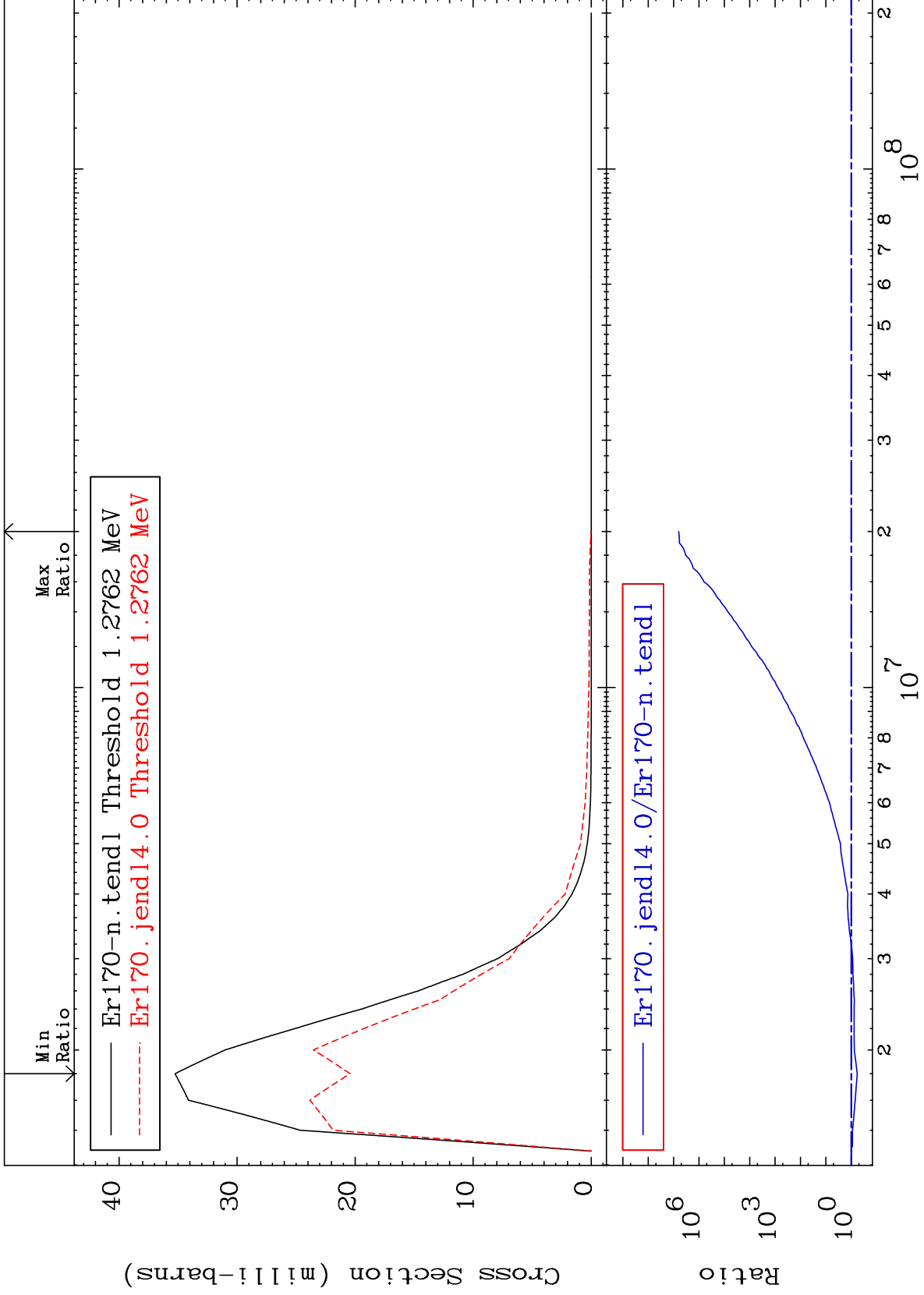
68-Er-170
-98.46 To 41.28 %

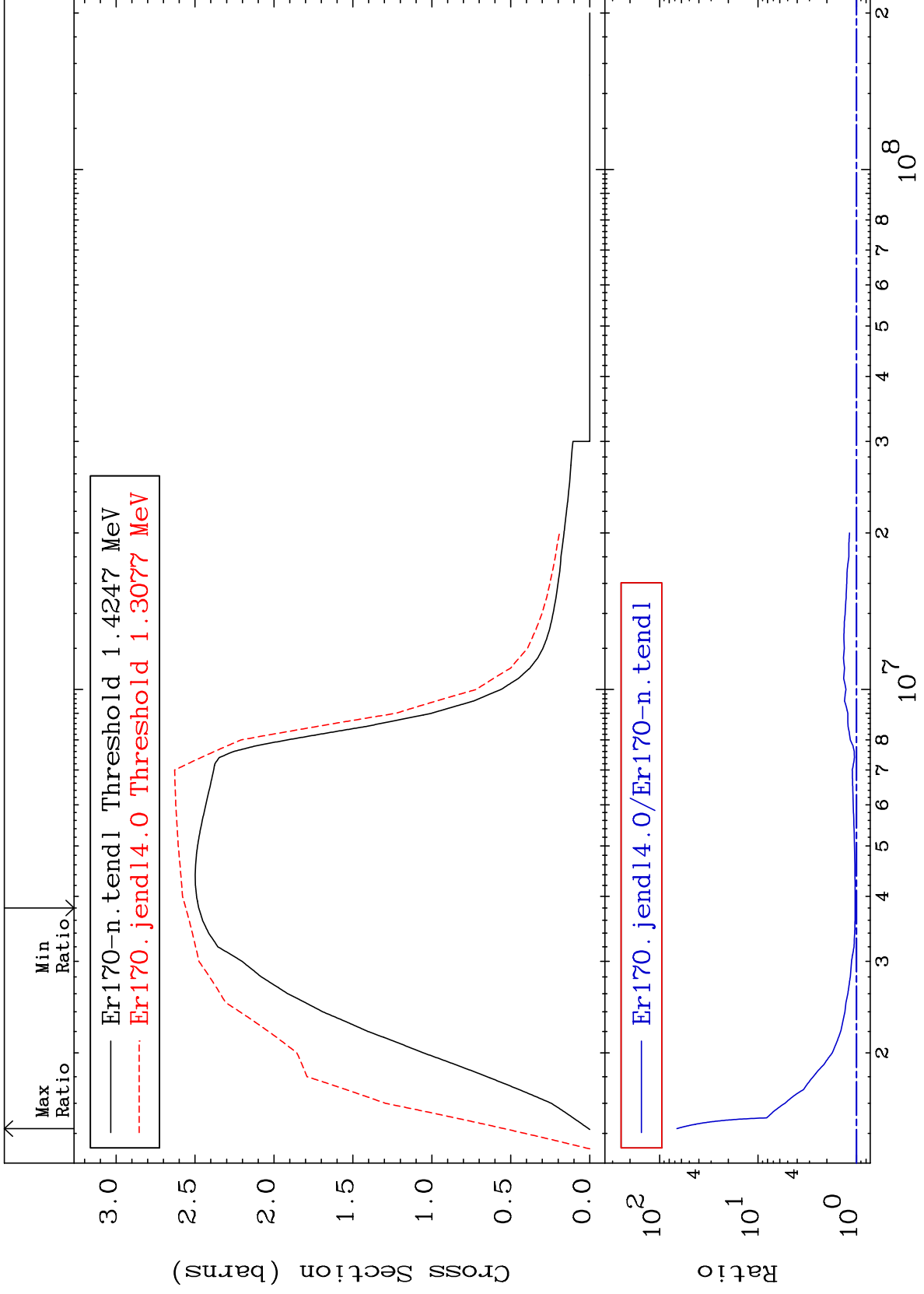


MAT 6849

1.269 MeV (n,n') Level
Cross Section

68-Er-170
-42.06 To 9999. %





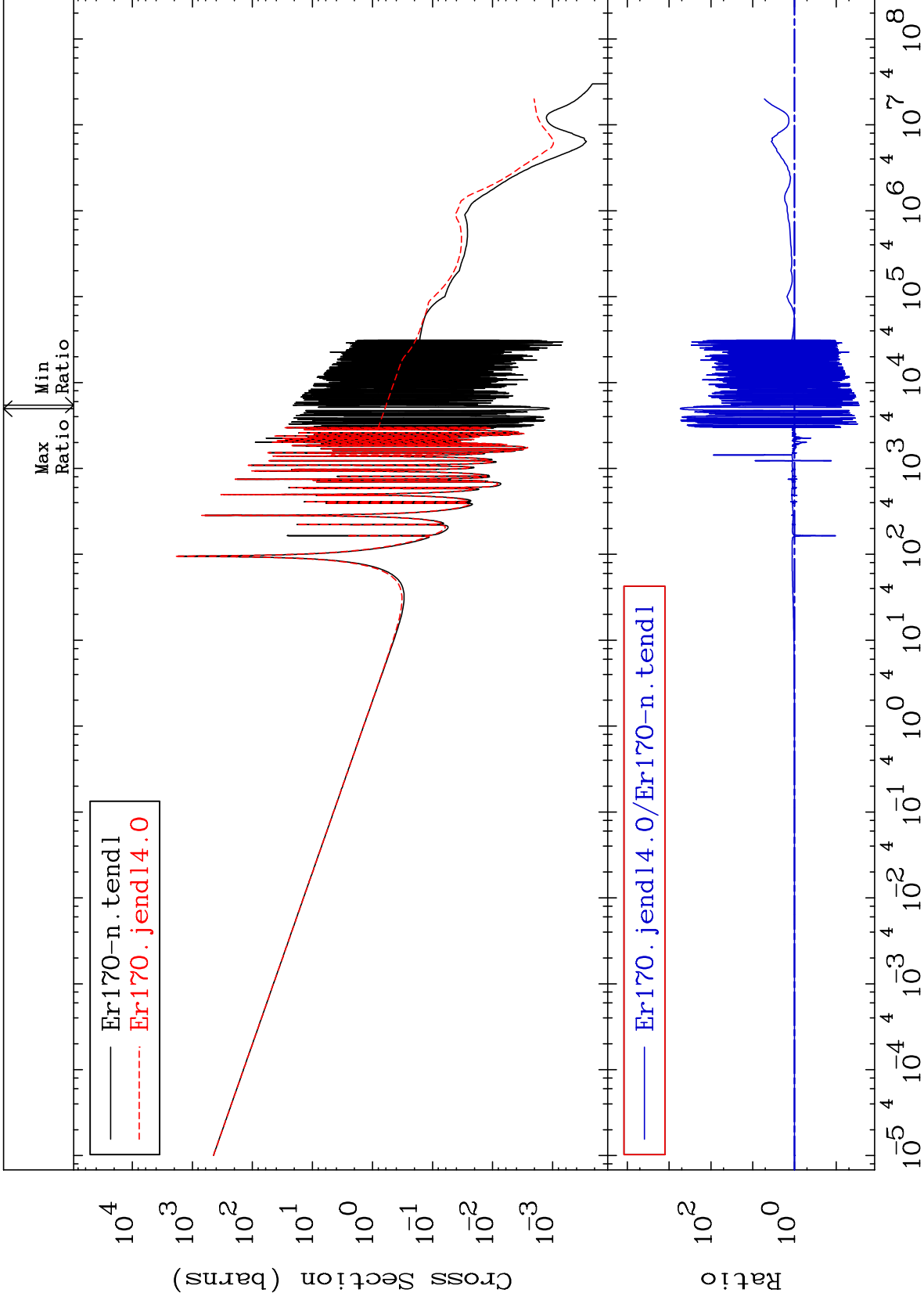
MAT 6849

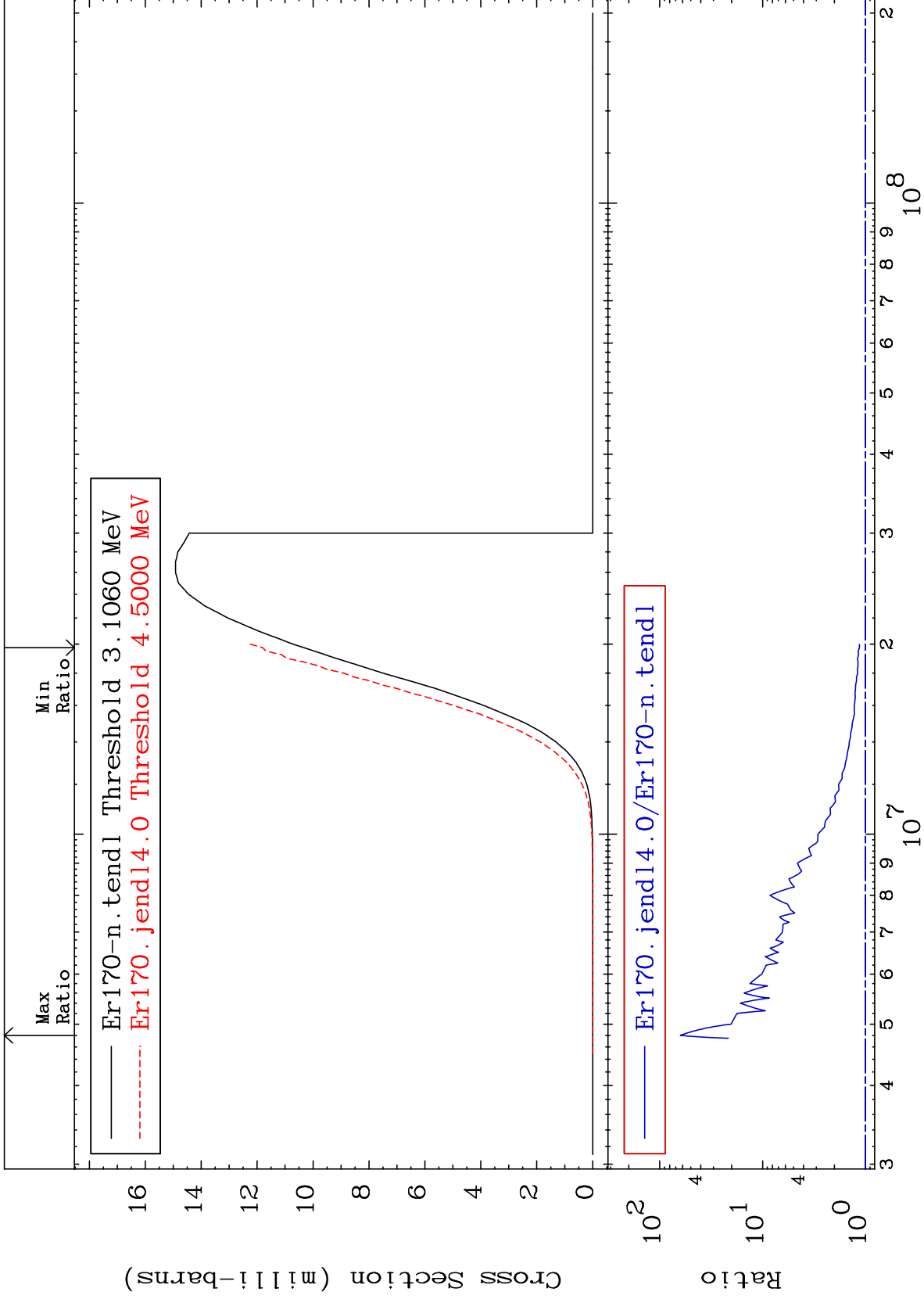
(n, γ)

68-Er-170

Cross Section

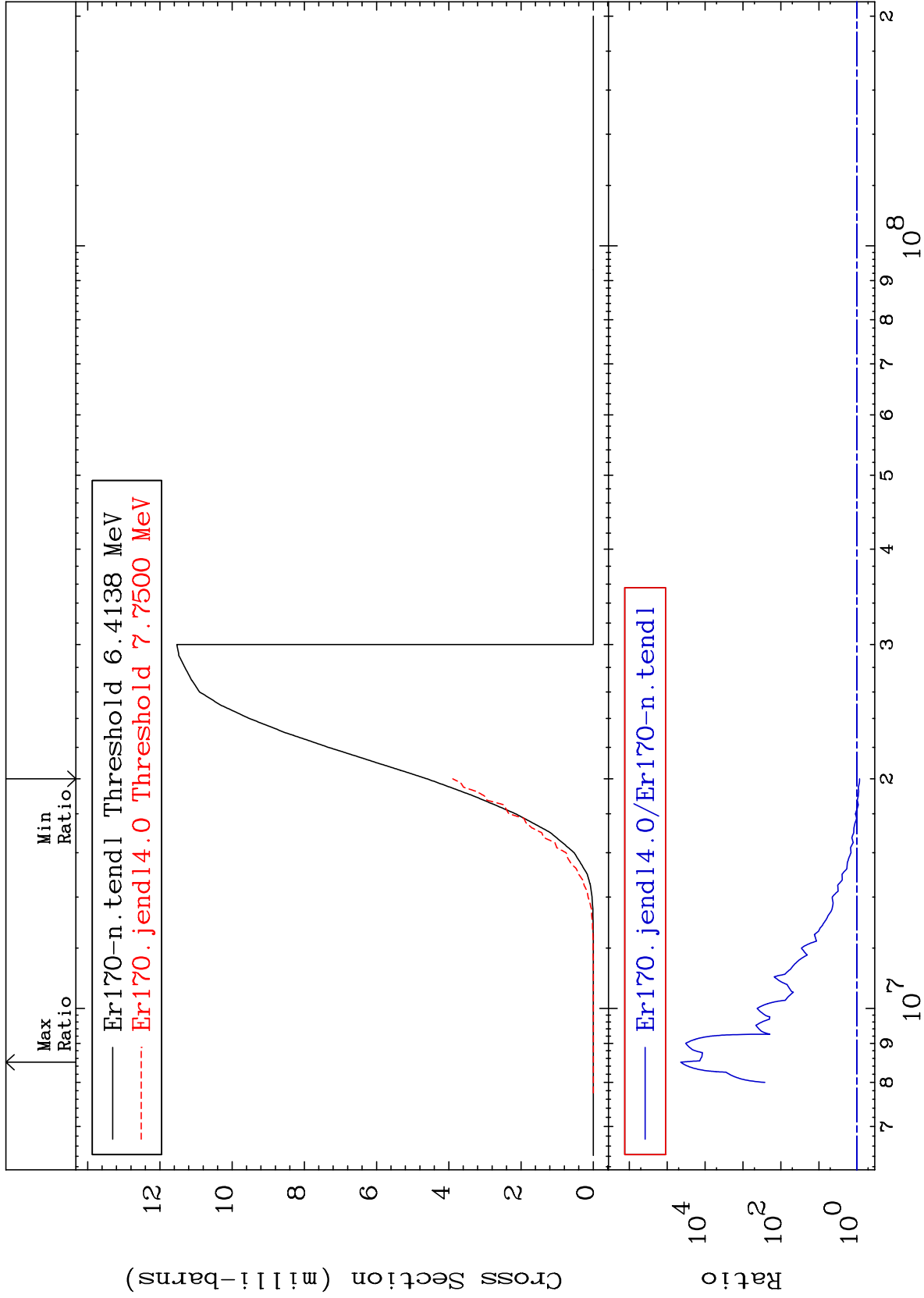
-97.20 To 9999. %





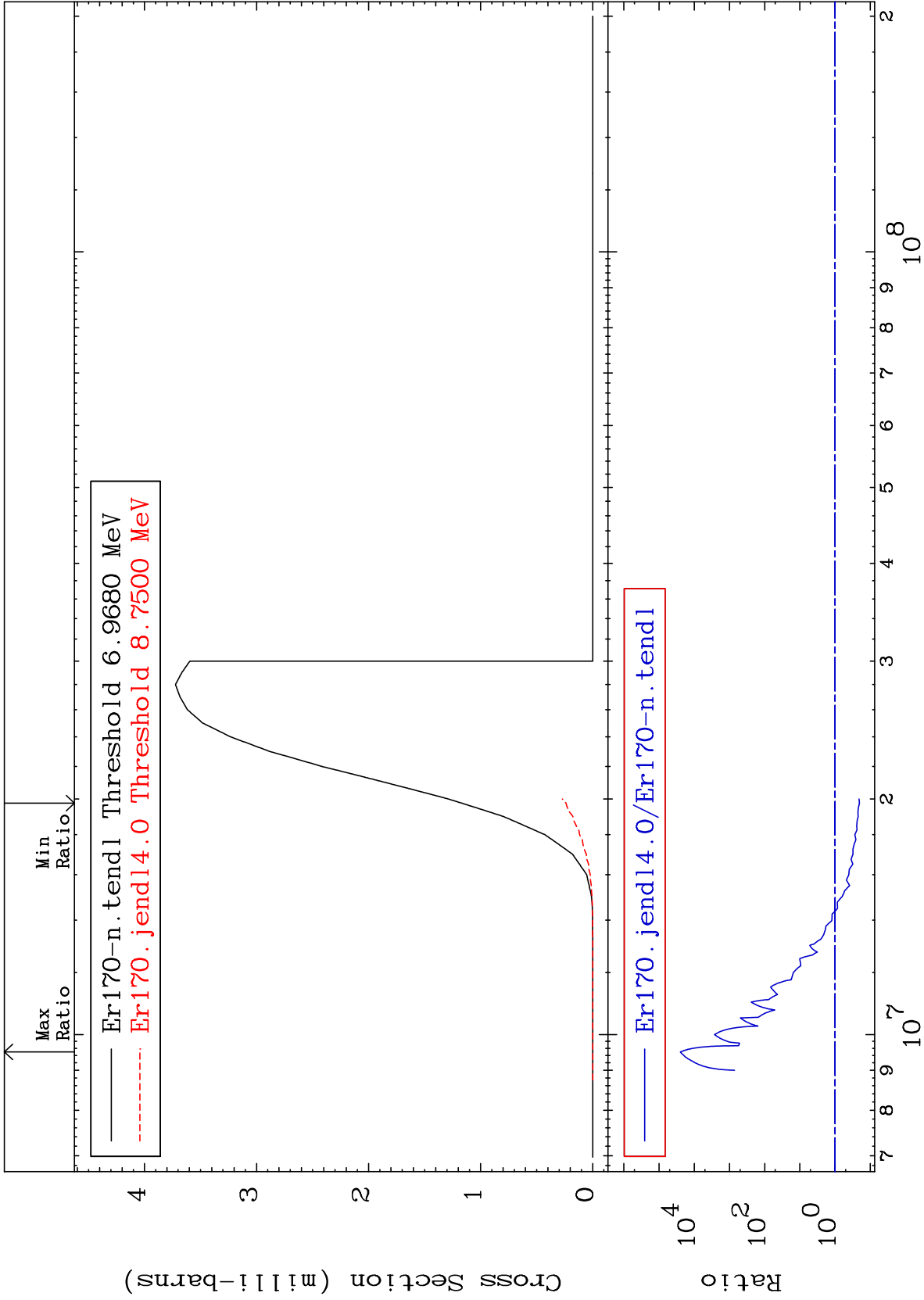
Cross Section

-15.55 To 9999. %



Cross Section

-79.66 To 9999. %



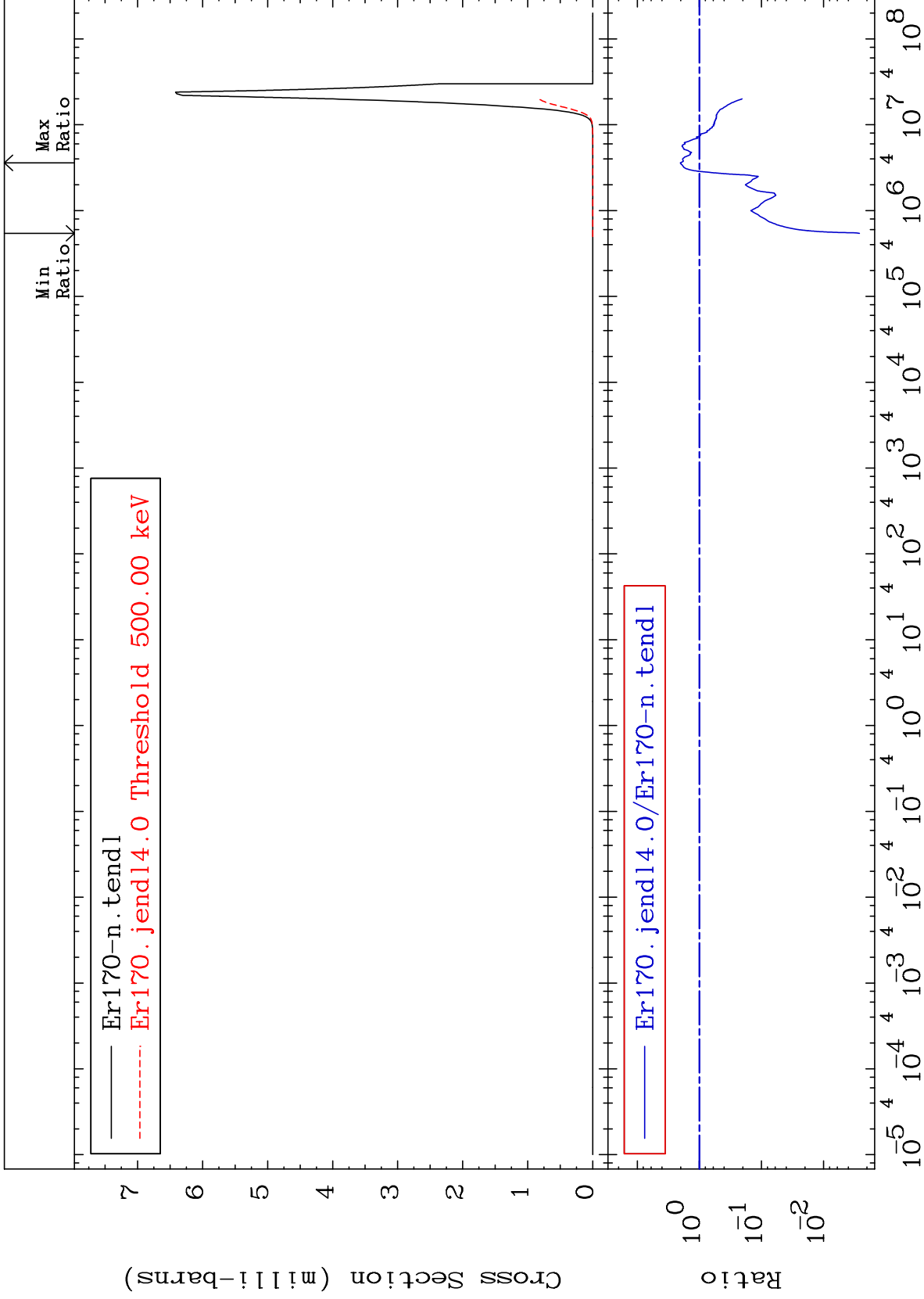
MAT 6849

(n, α)

68-Er-170

Cross Section

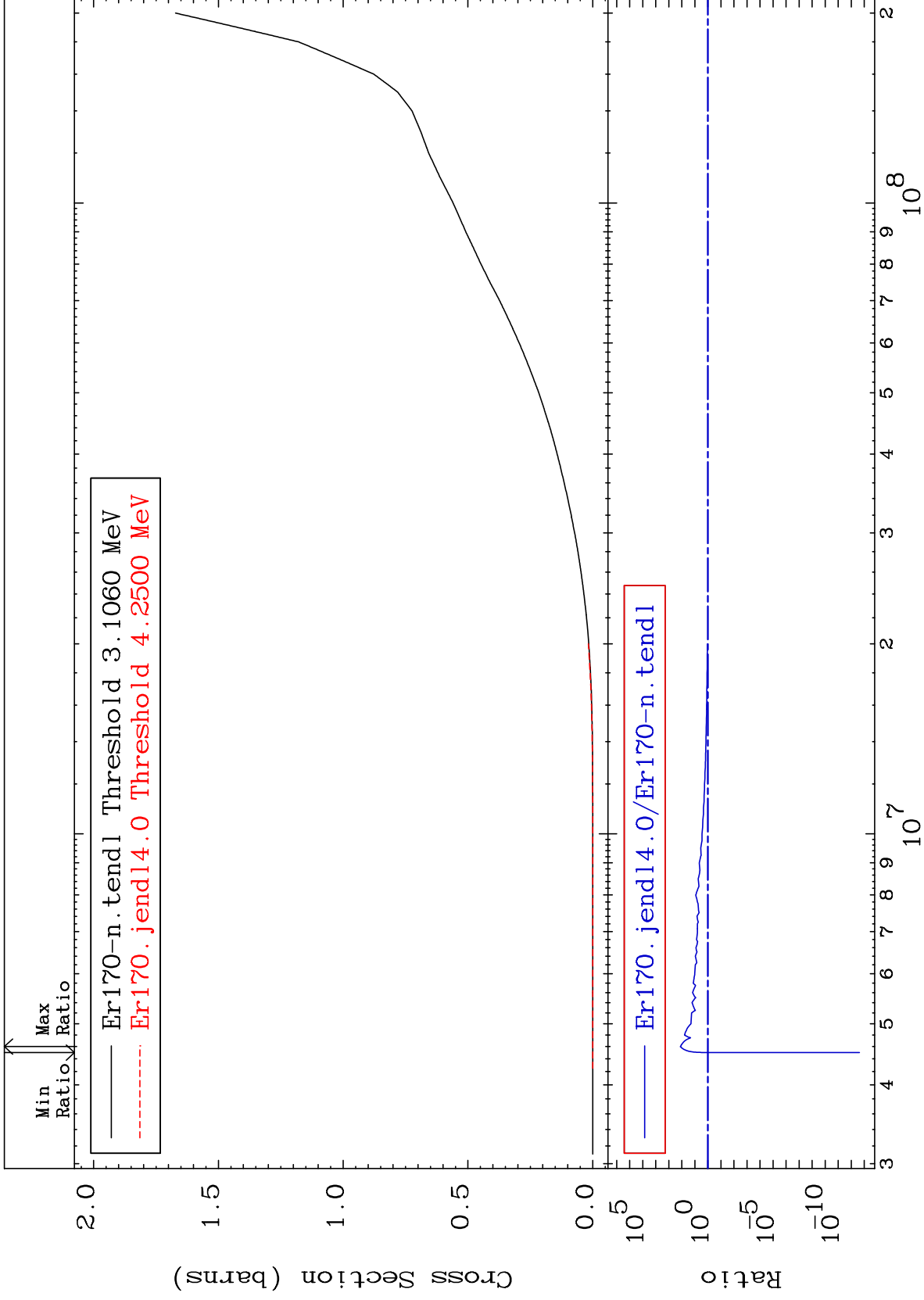
-99.73 To 102.5 %



28

Incident Energy (eV)

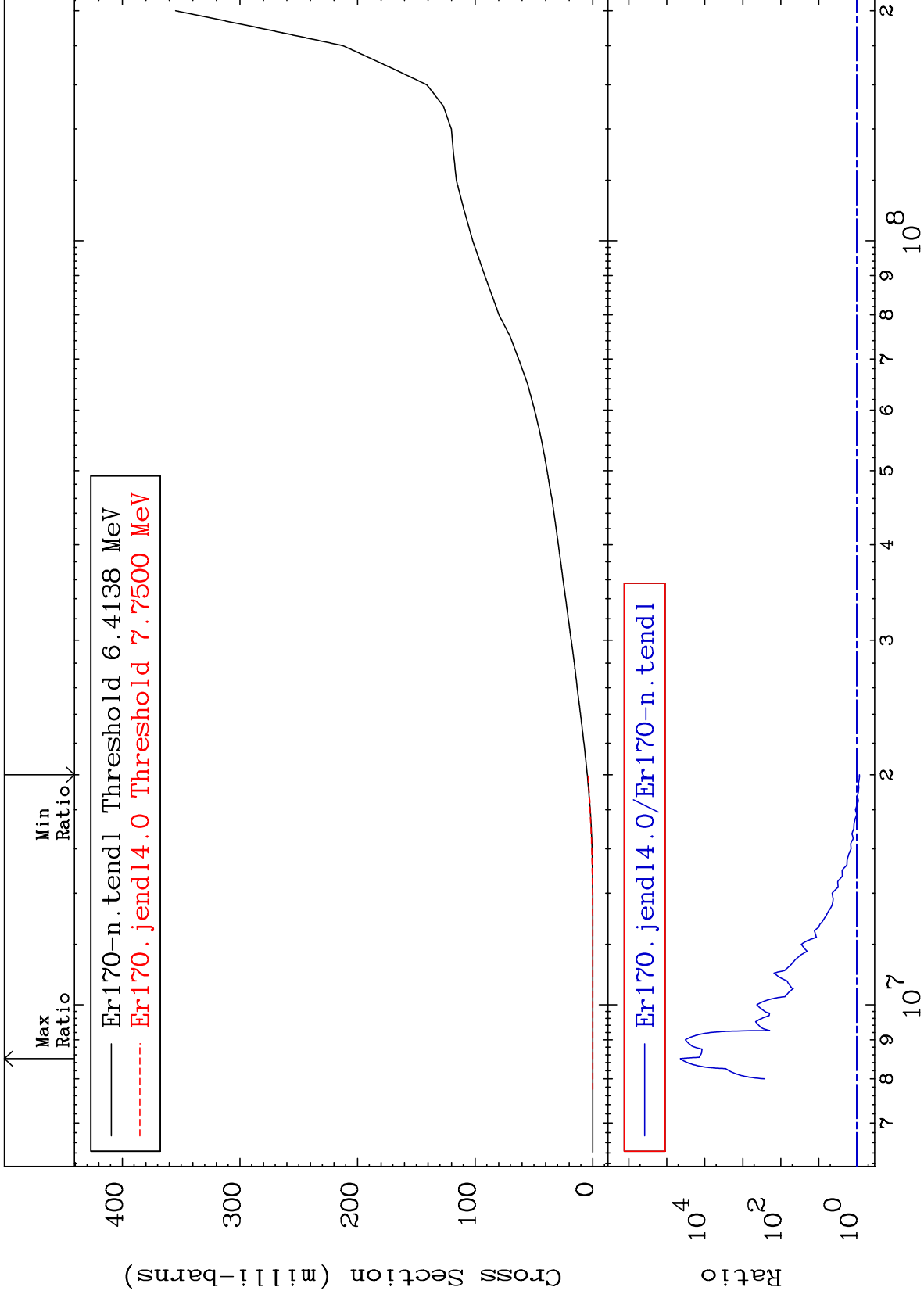
68-Er-170



MAT 6849

Deuterium Production
Cross Section

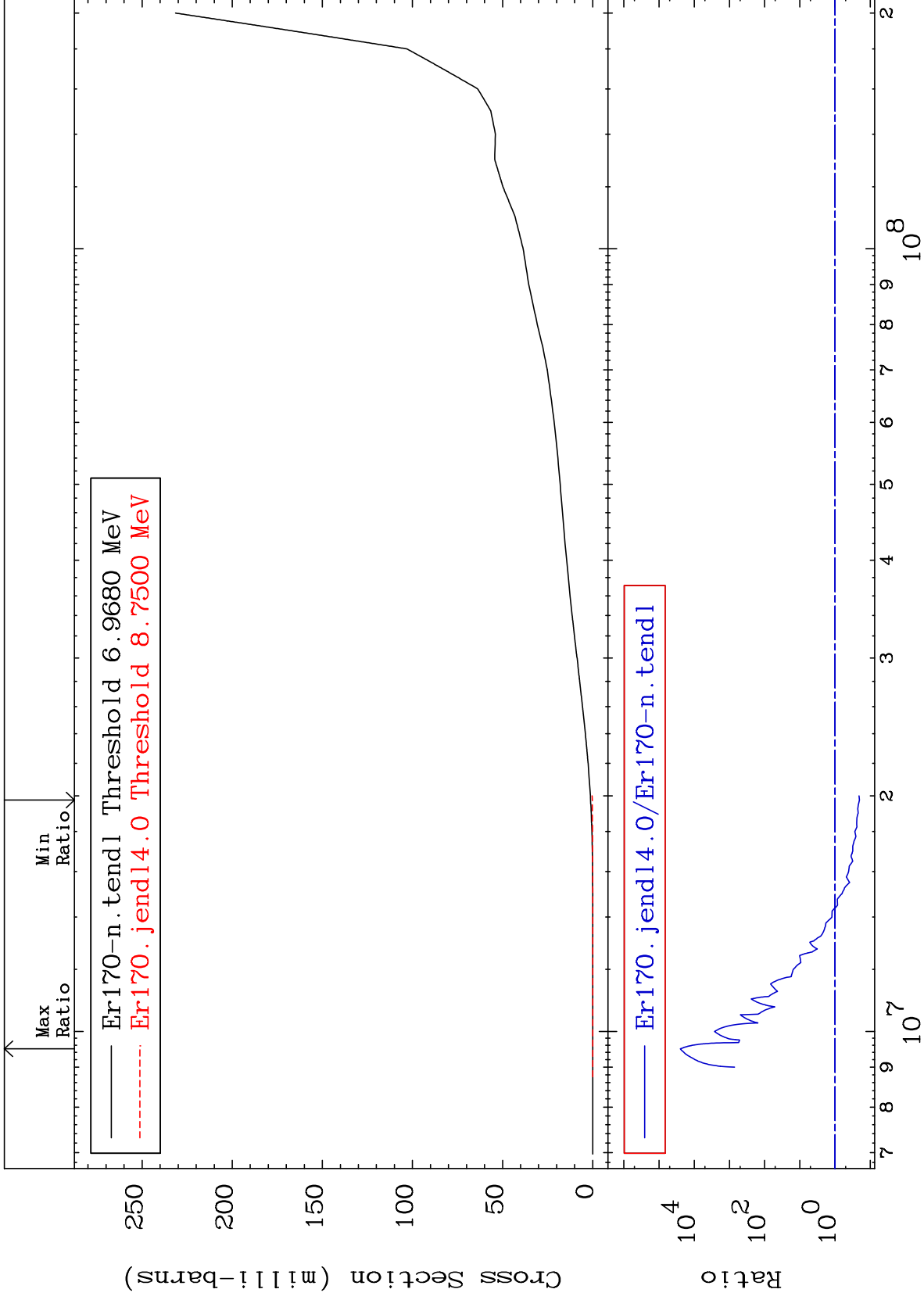
68-Er-170
-14.64 To 9999. %



30

Incident Energy (eV)

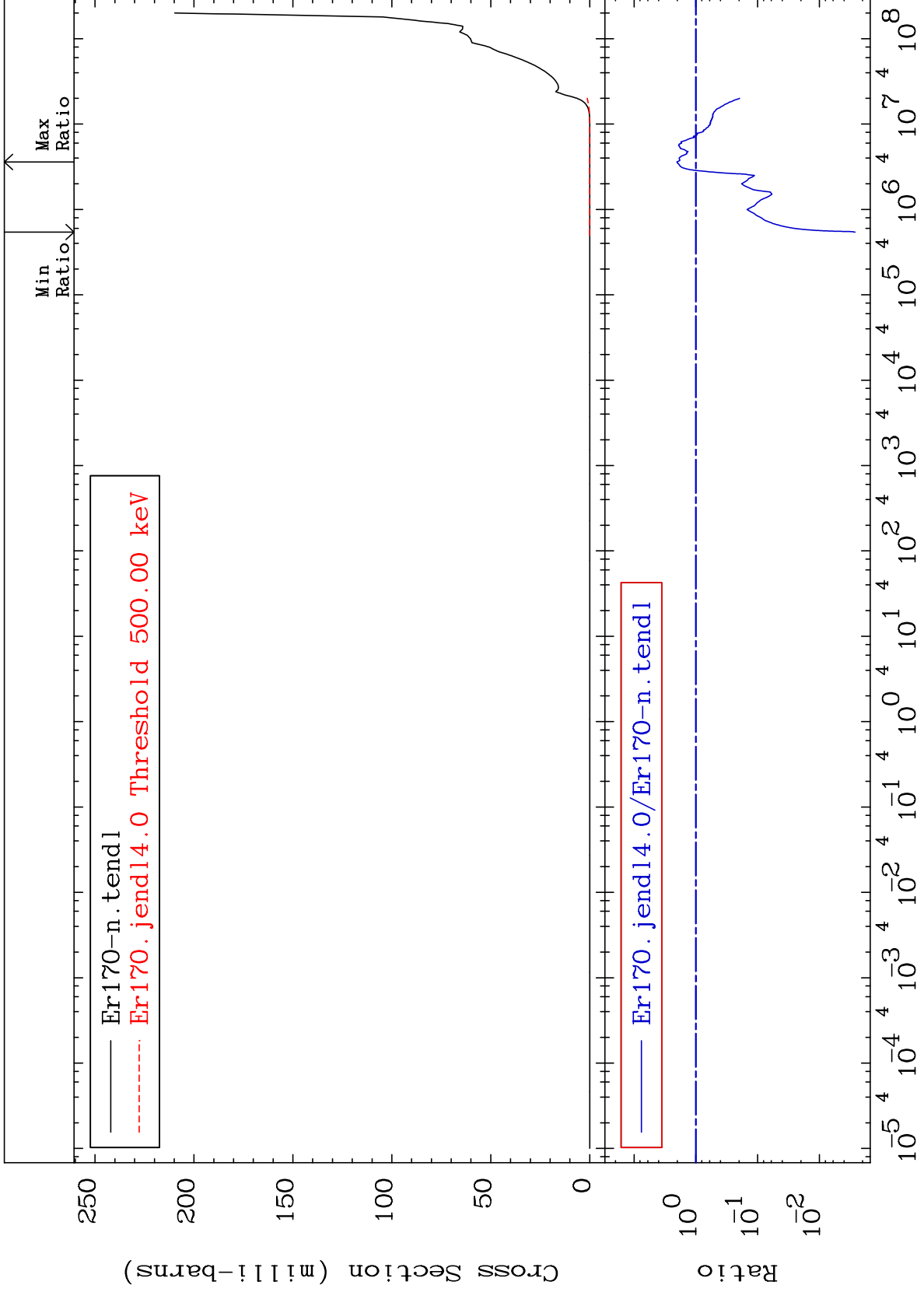
68-Er-170

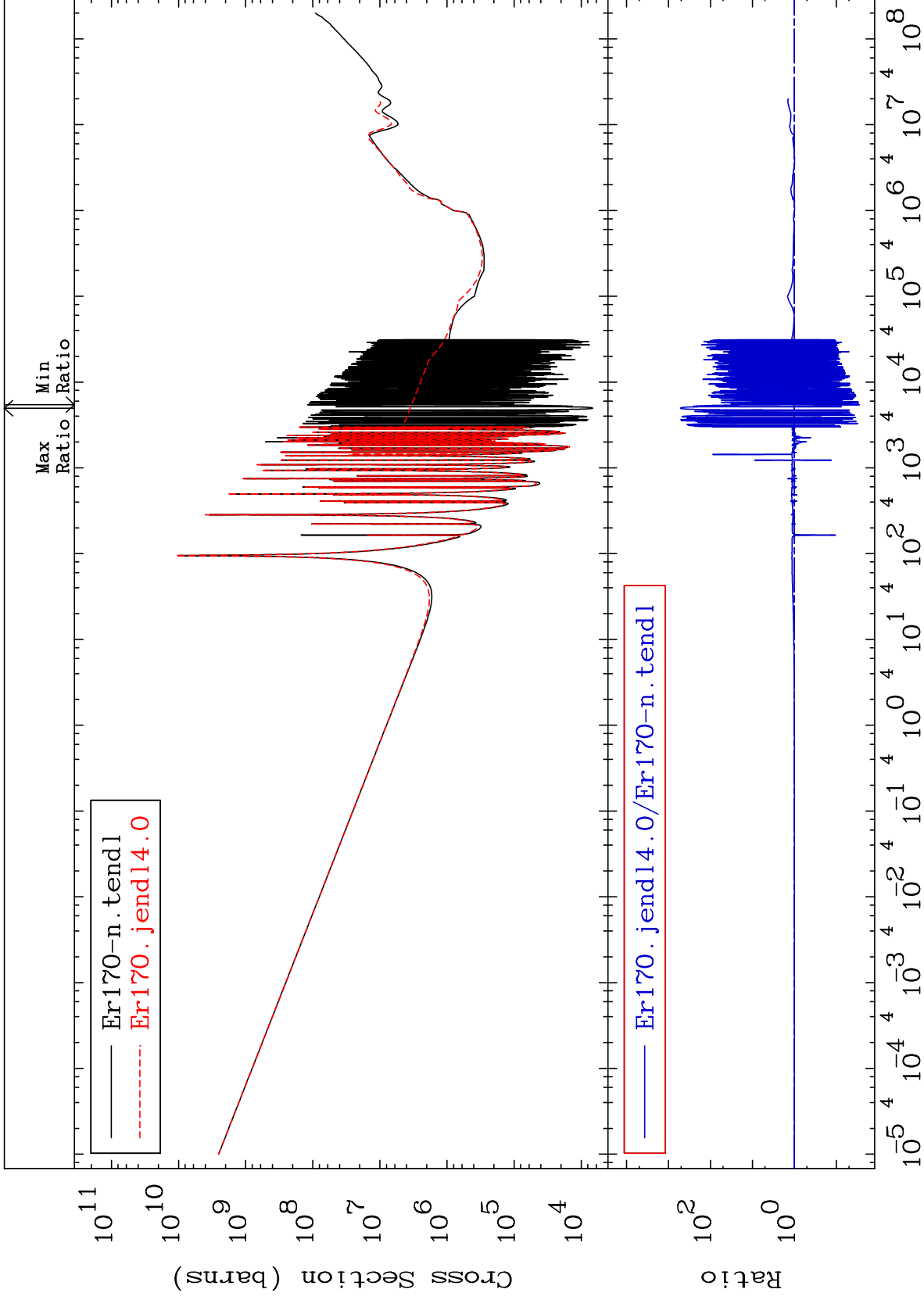


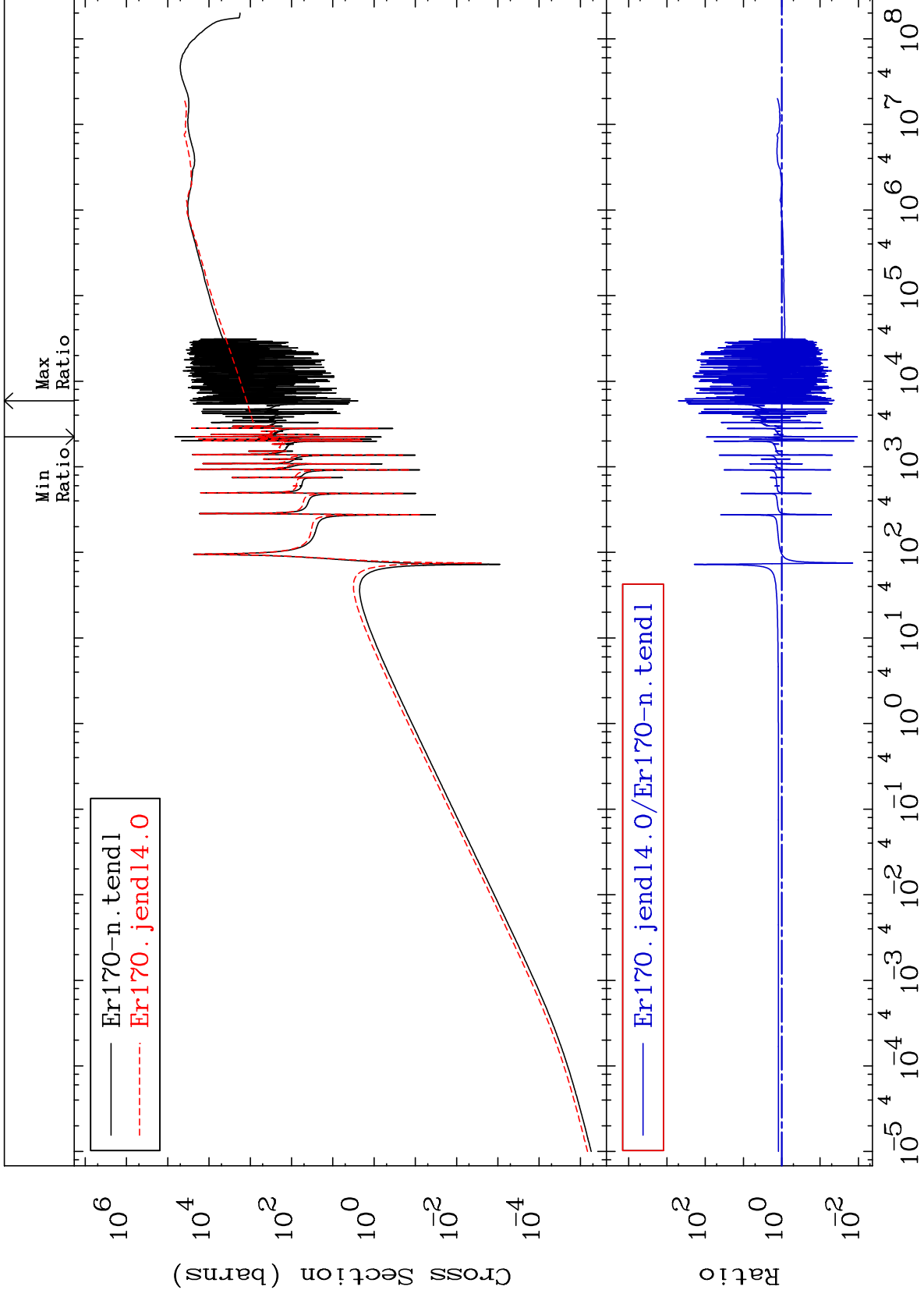
MAT 6849

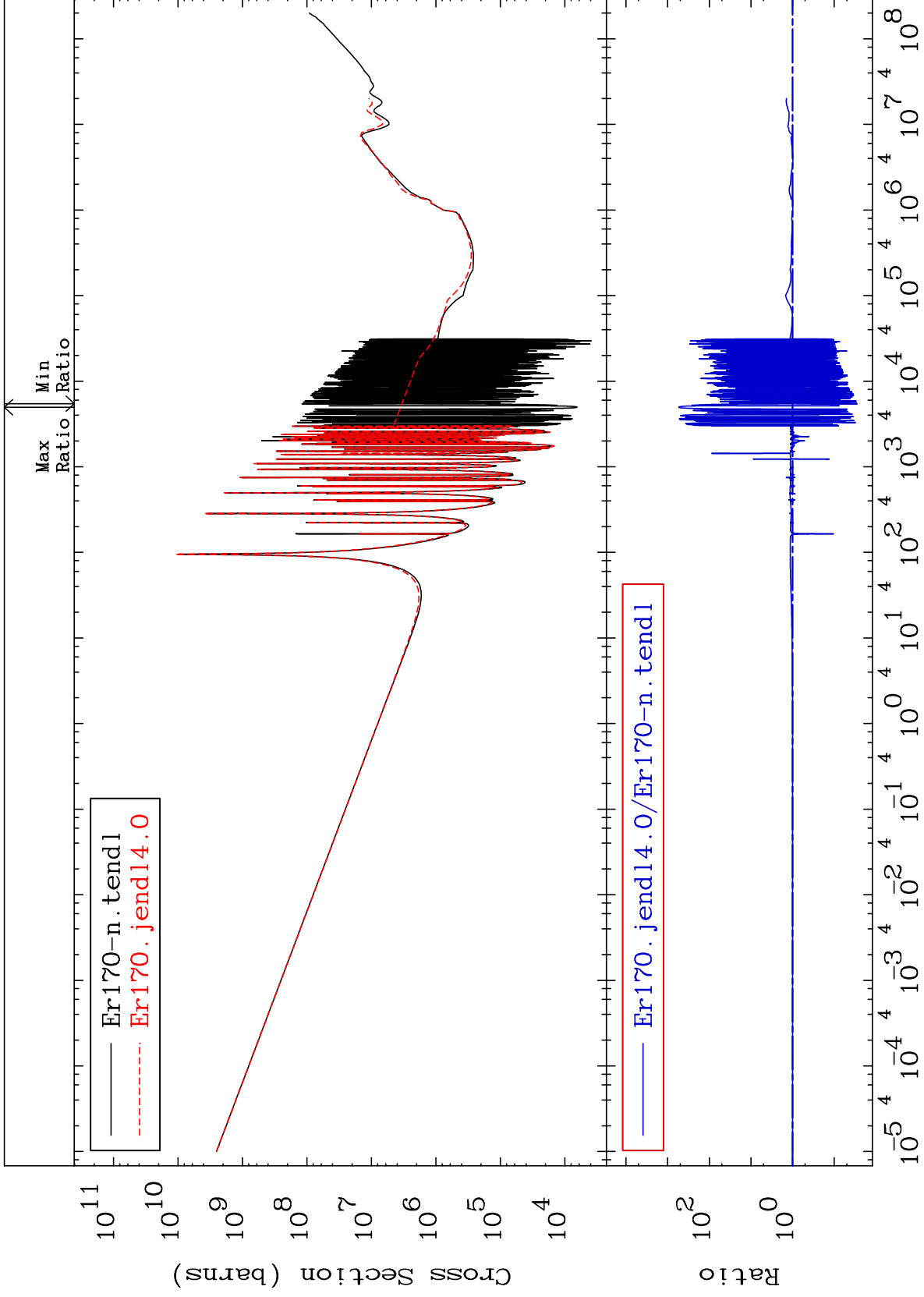
He-4 Production
Cross Section

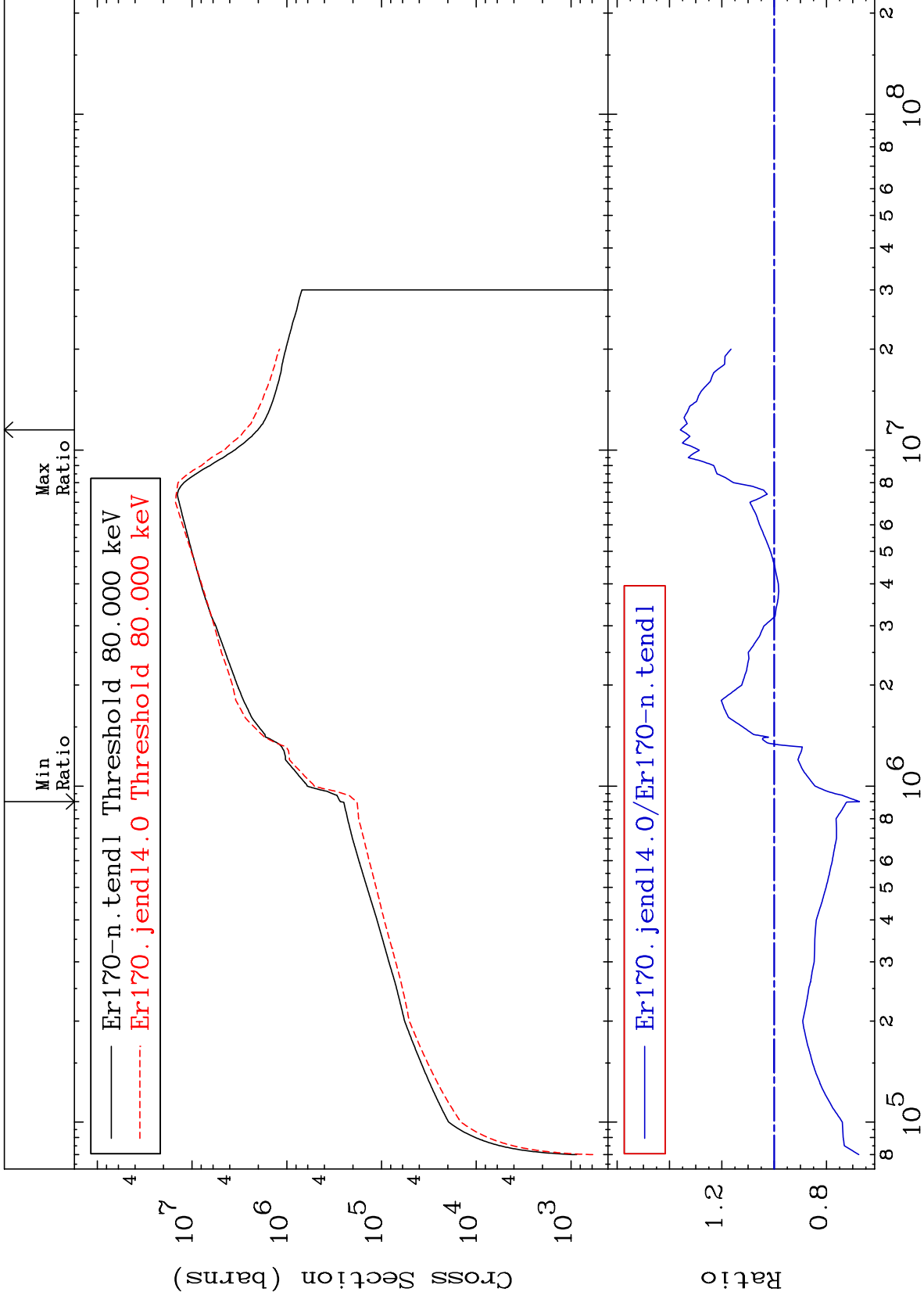
68-Er-170
-99.73 To 102.5 %







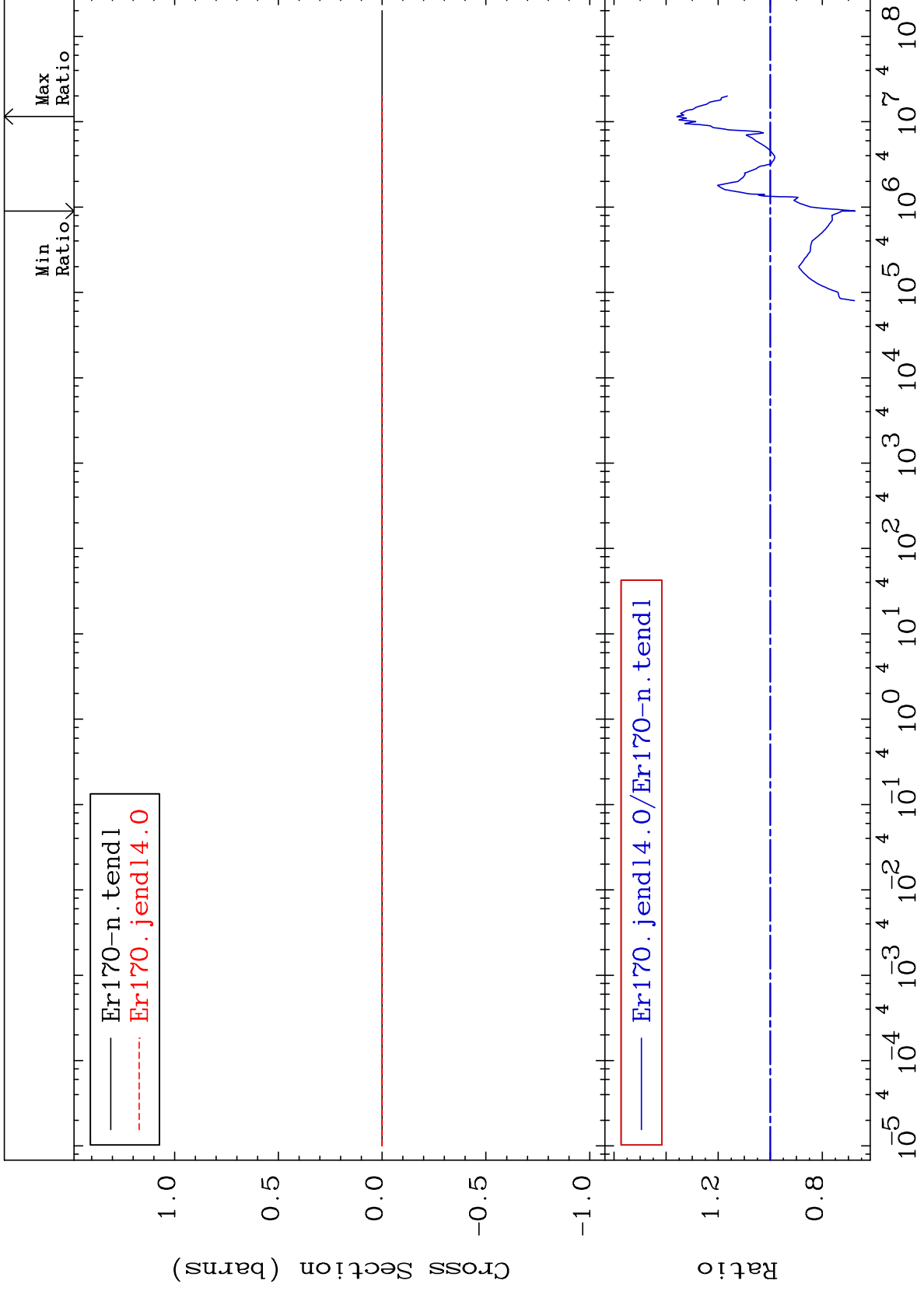




MAT 6849

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

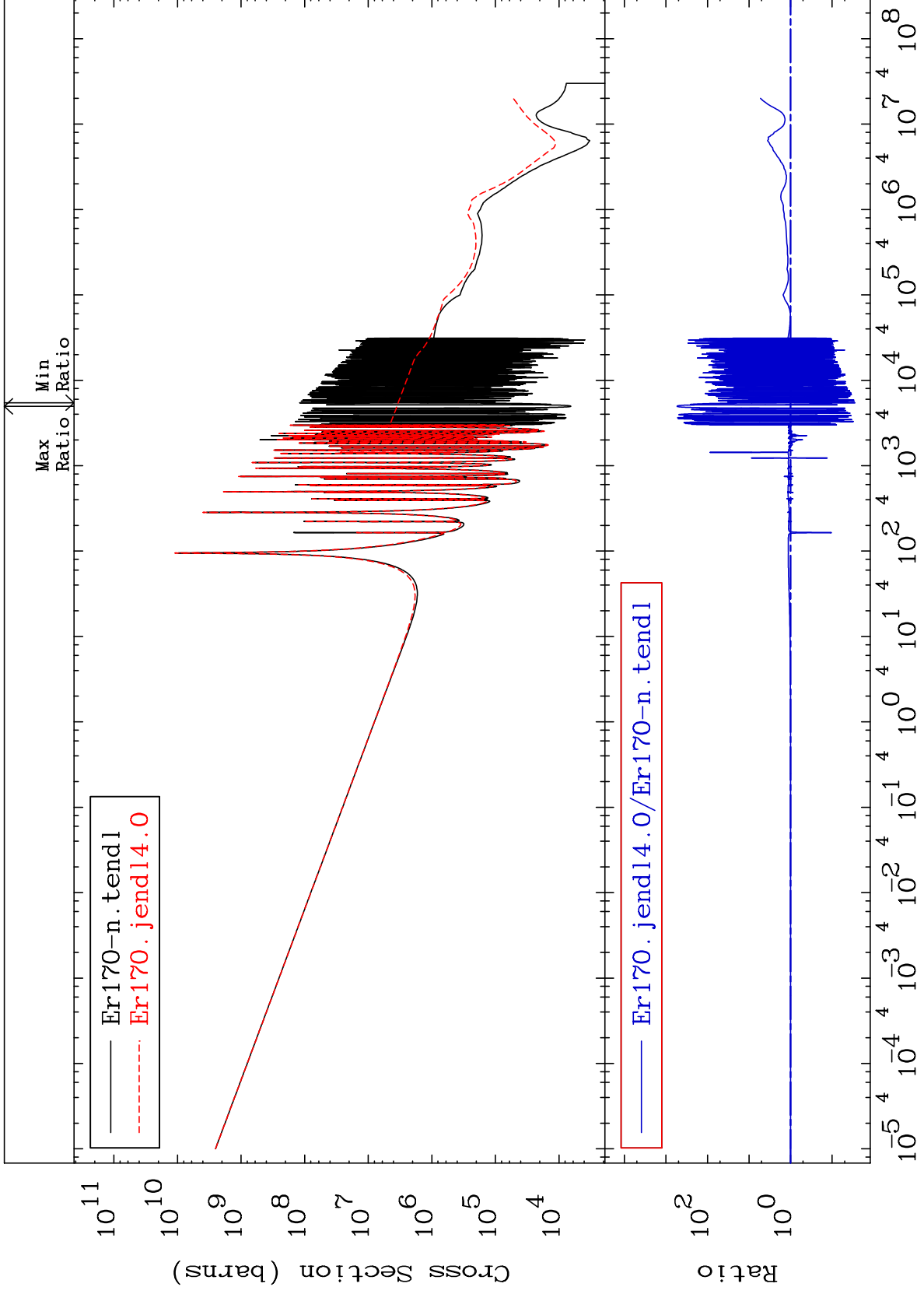
68-Er-170
-32.55 To 35.86 %



MAT 6849

Kerma capture (mt102)
Cross Section

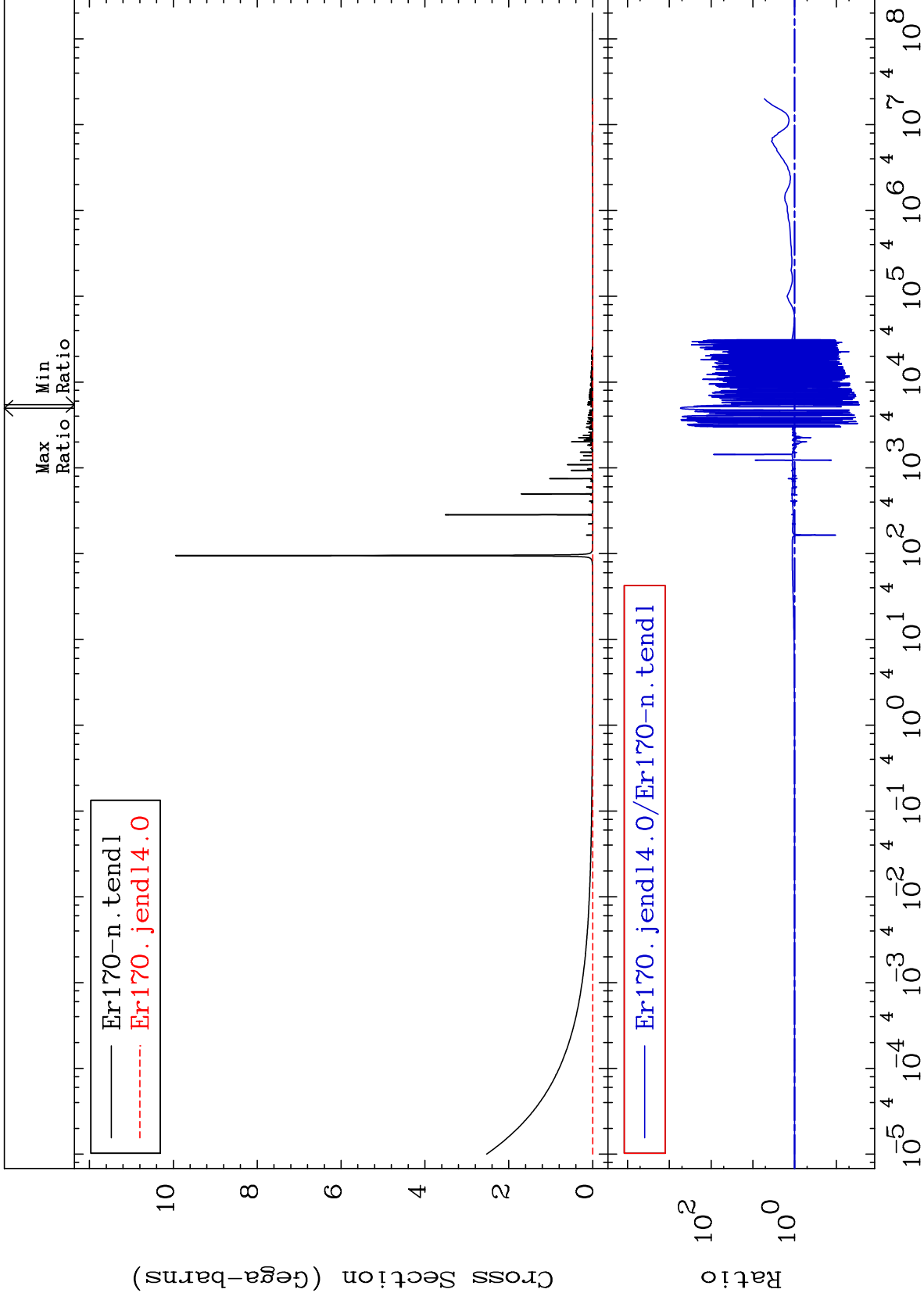
68-Er-170
-97.20 To 9999. %

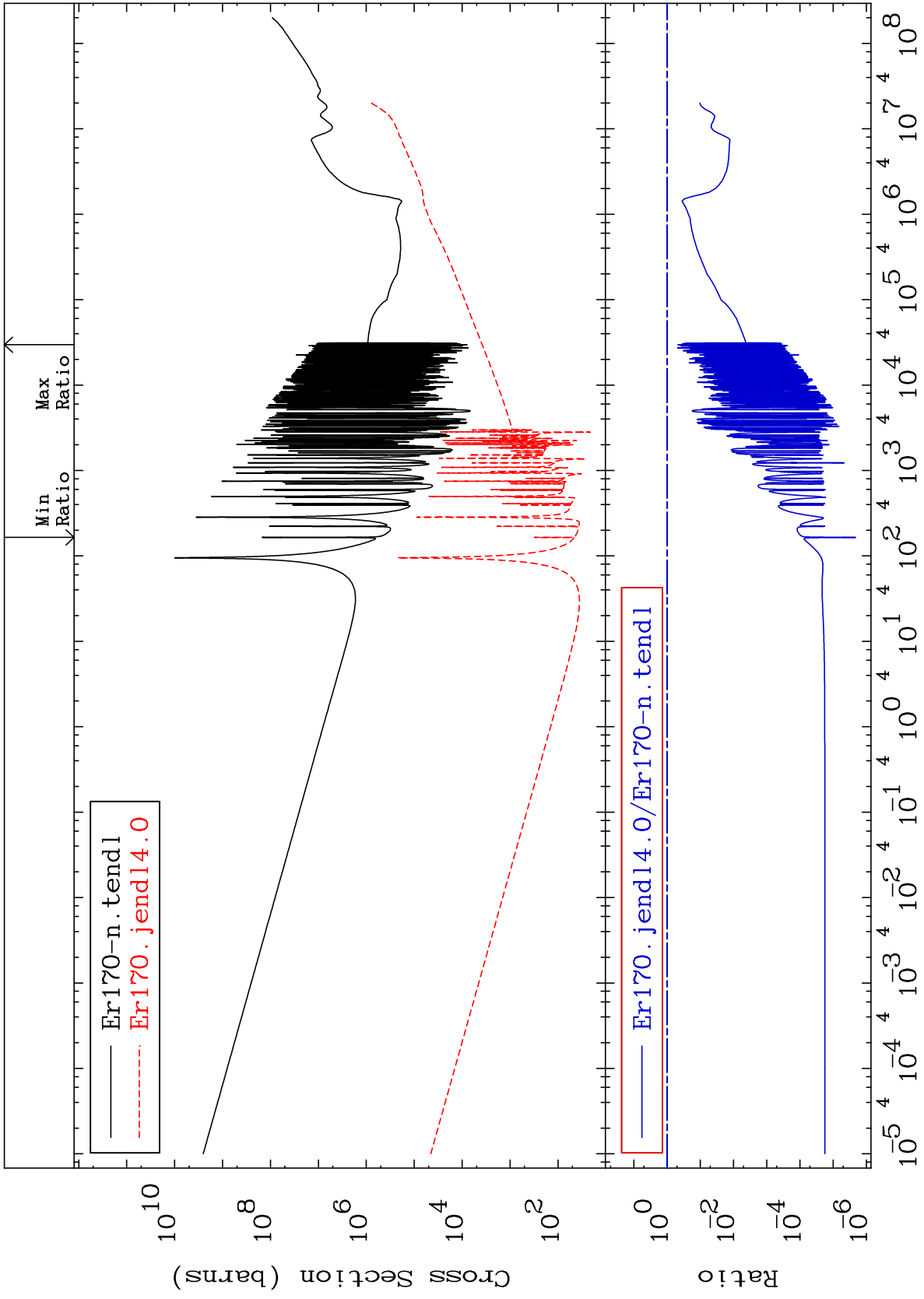


38

Incident Energy (eV)

68-Er-170

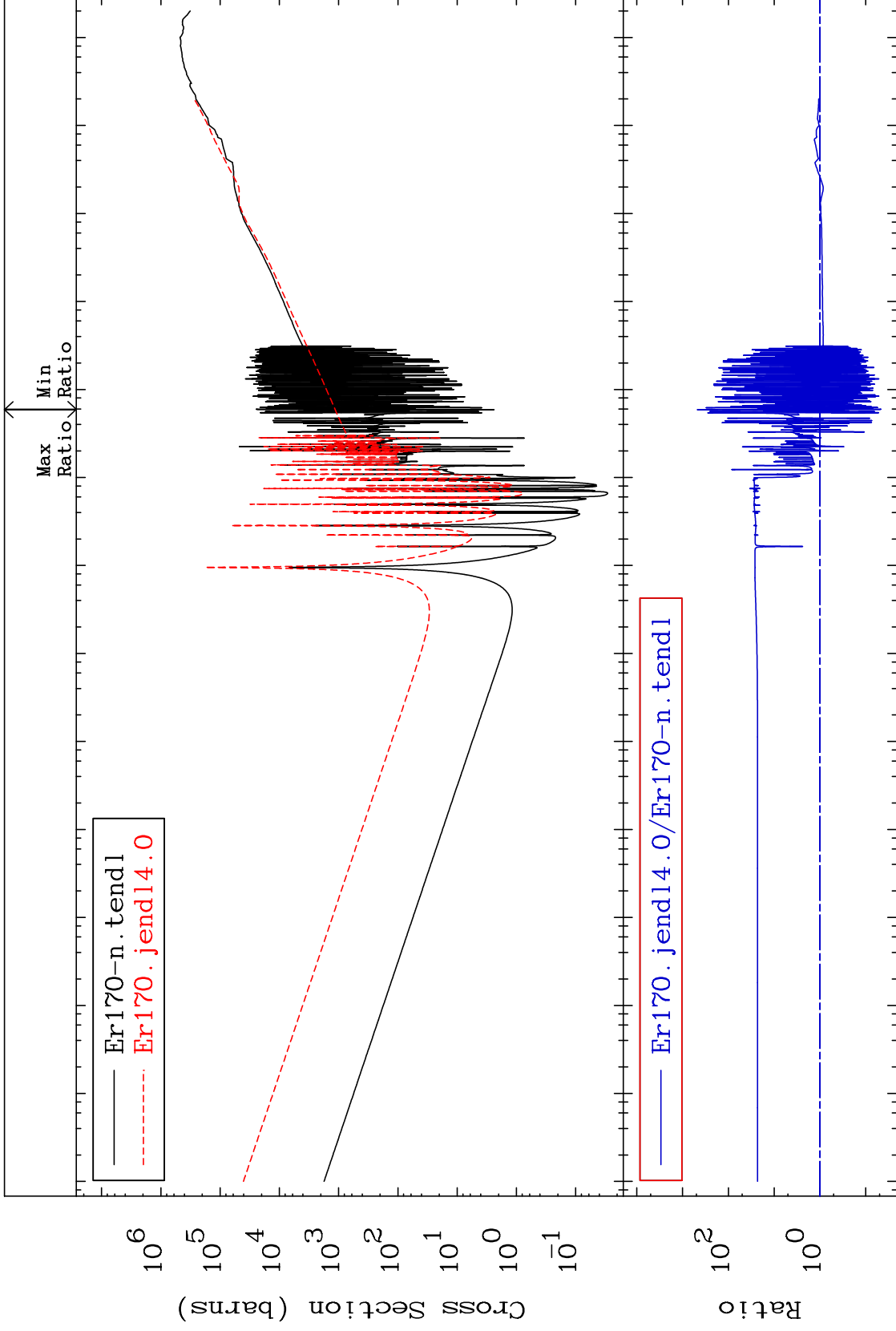




MAT 6849

Dpa total (eV-barns)
Cross Section

68-Er-170
-95.38 To 9999. %



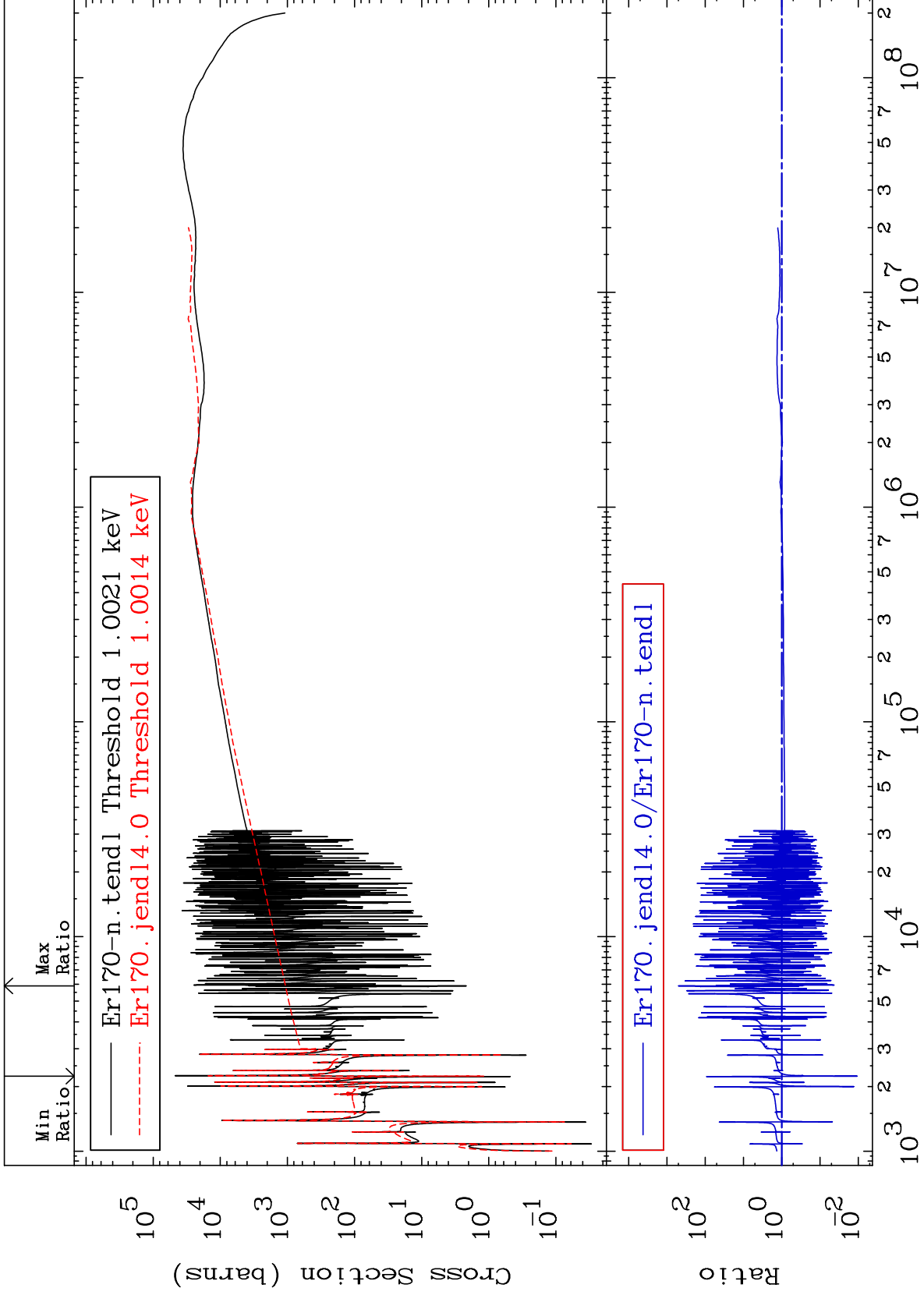
41

68-Er-170

MAT 6849

Dpa elastic (mt2)
Cross Section

68-Er-170
-98.94 To 9999. %



42

Incident Energy (eV)

68-Er-170

