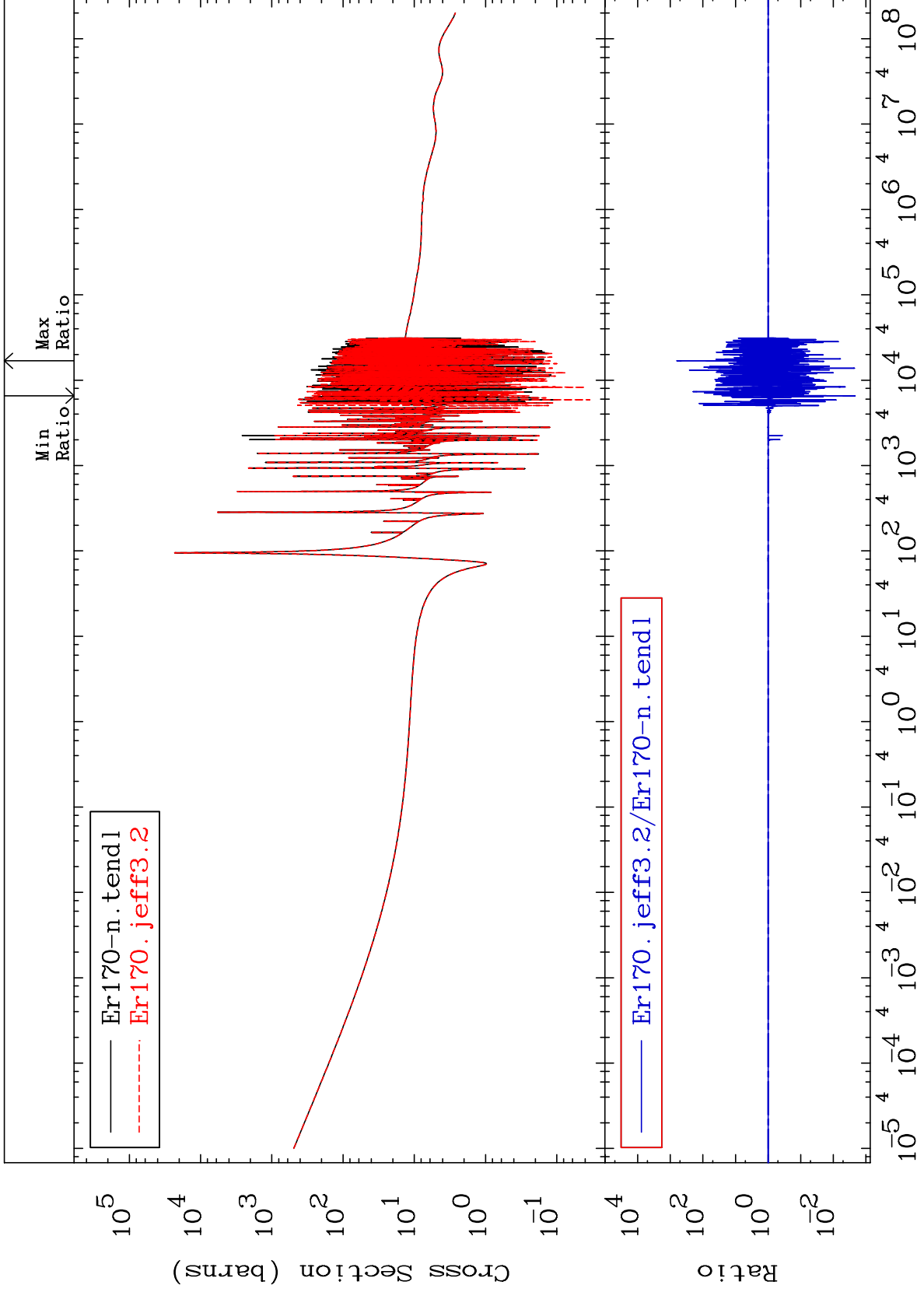


MAT 6849

Total
Cross Section

68-Er-170
-99.78 To 9999. %



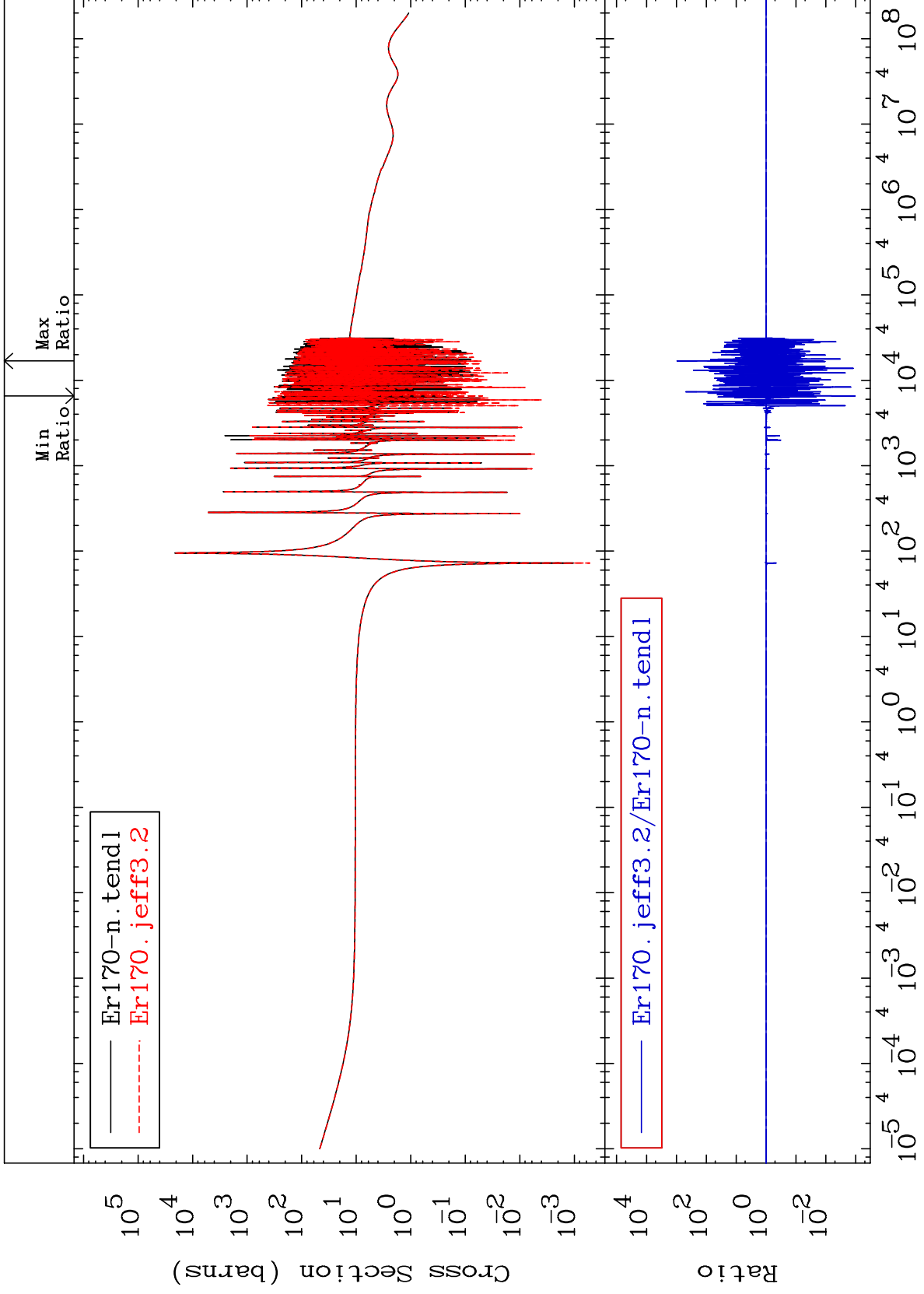
Incident Energy (eV)

68-Er-170

MAT 6849

Elastic
Cross Section

68-Er-170
-99.89 To 9999. %



Incident Energy (eV)

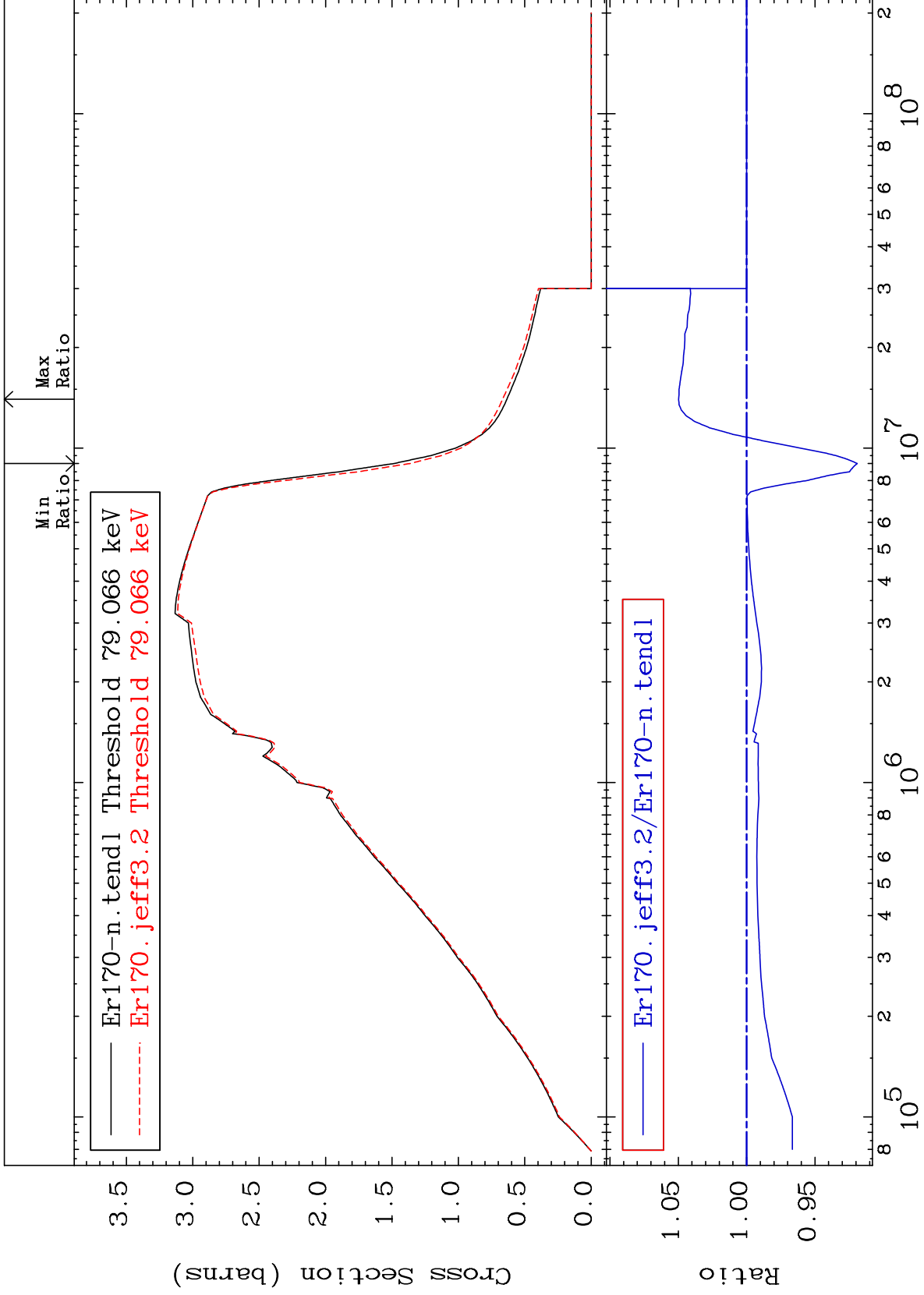
68-Er-170

2

MAT 6849

Inelastic
Cross Section

68-Er-170
-8.094 To 4.975 %



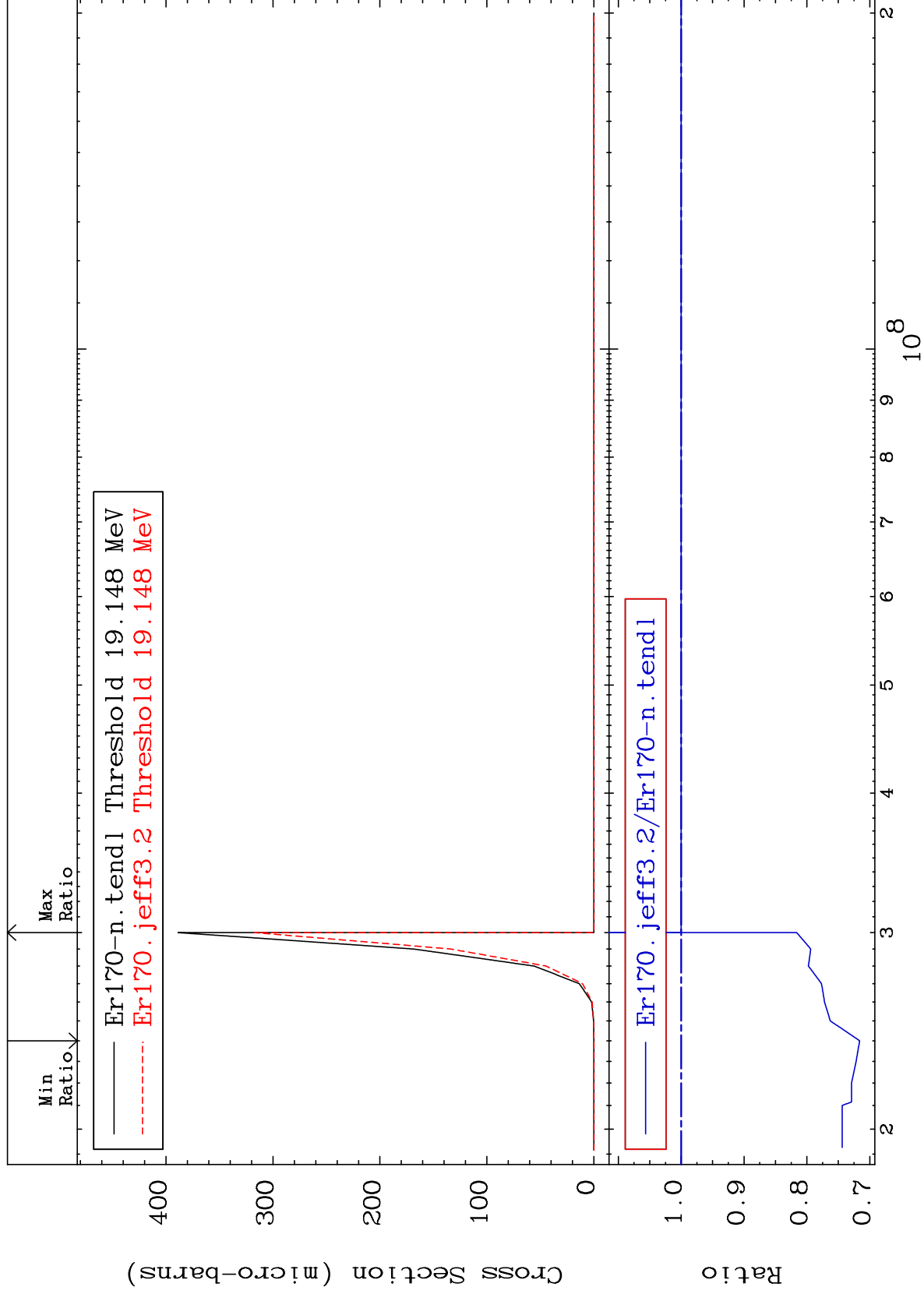
MAT 6849

(n,2n) d

68-Er-170

Cross Section

-28.39 To 0.000 %



4

68-Er-170

68-Er-170

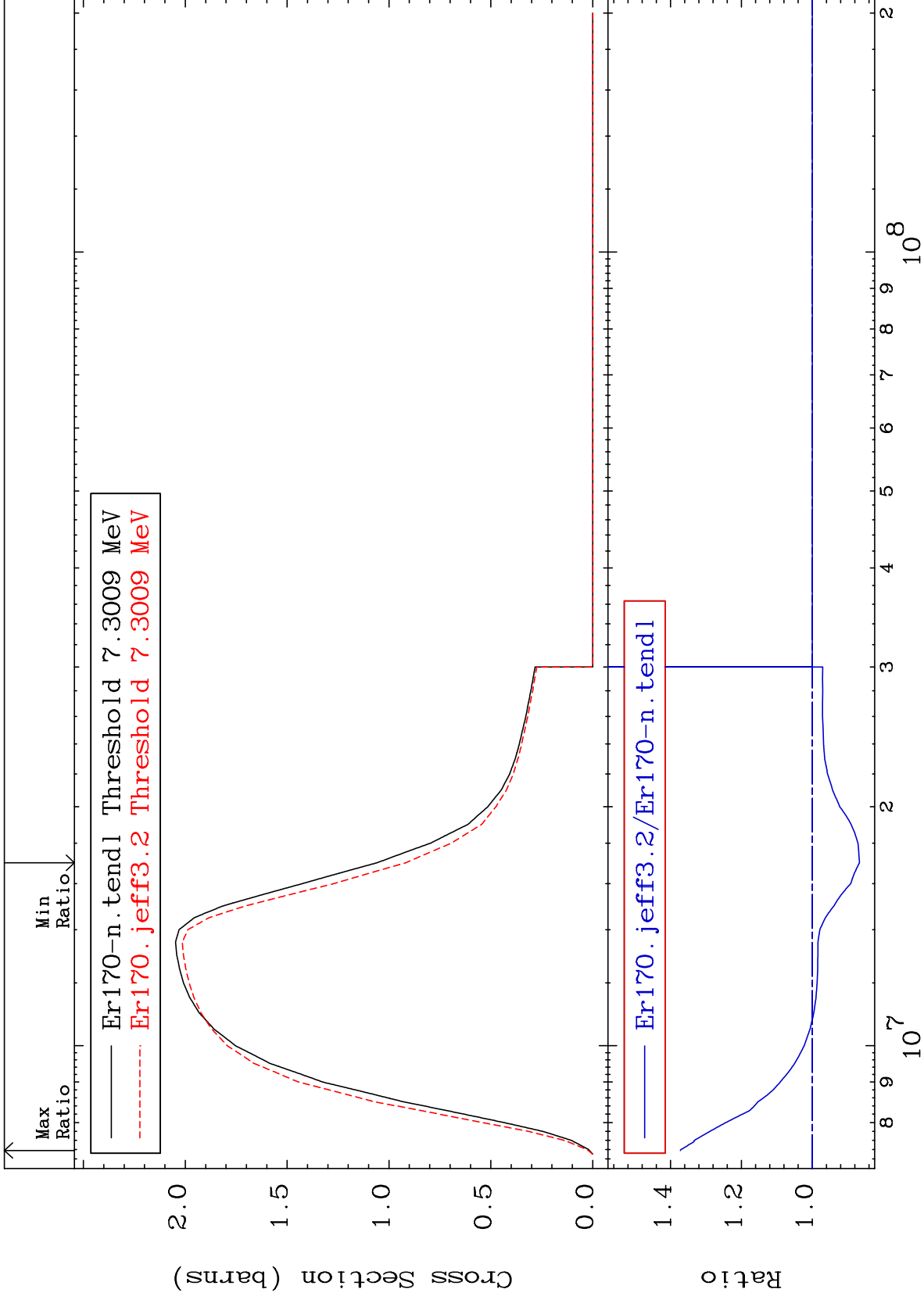
MAT 6849

(n,2n)

68-Er-170

Cross Section

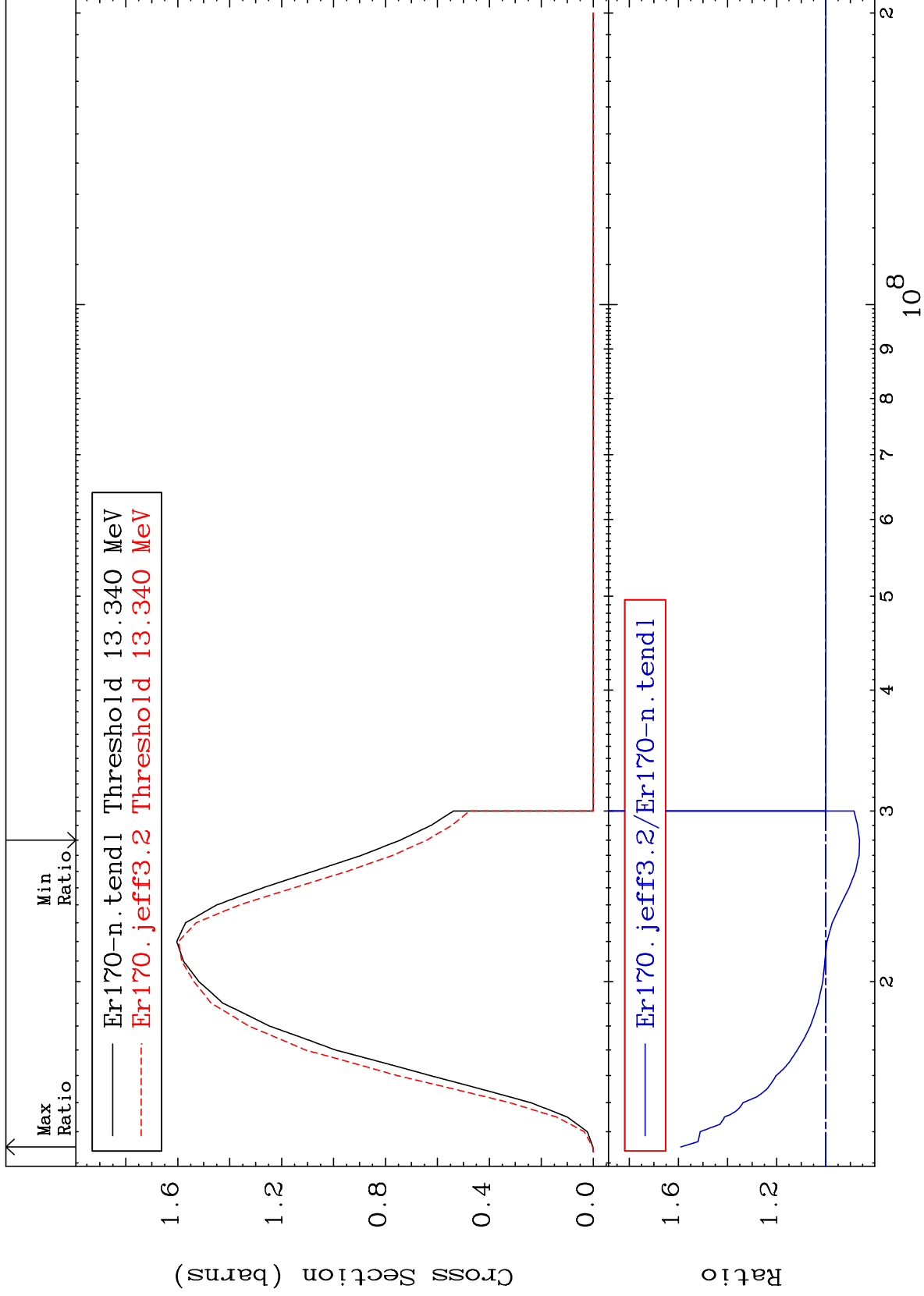
-13.31 To 37.20 %



5

Incident Energy (eV)

68-Er-170



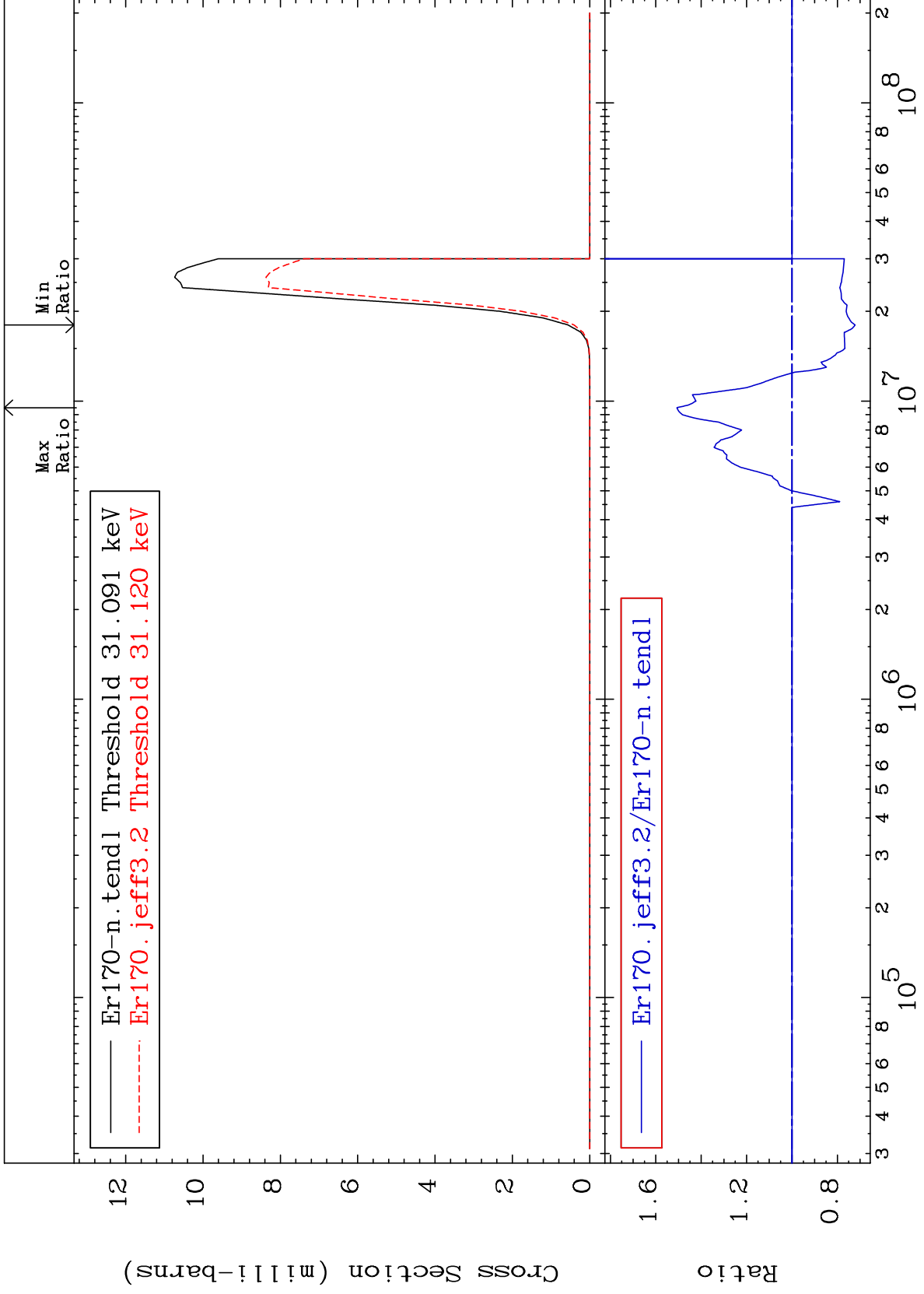
MAT 6849

$(n, n') \alpha$

Cross Section

68-Er-170

-27.80 To 50.70 %

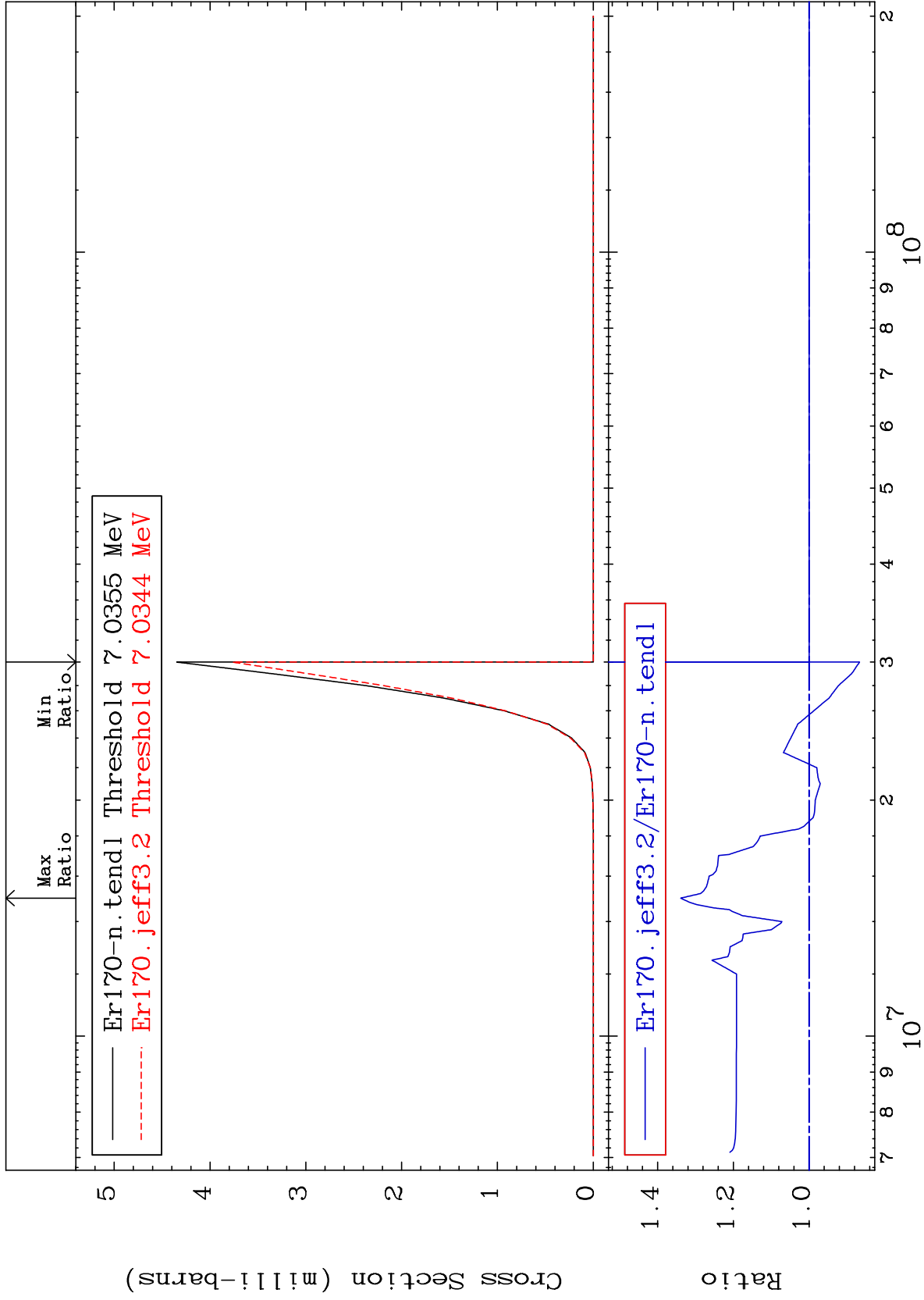


MAT 6849

68-Er-170

(n,2n) α
Cross Section

-13.33 To 33.89 %



8

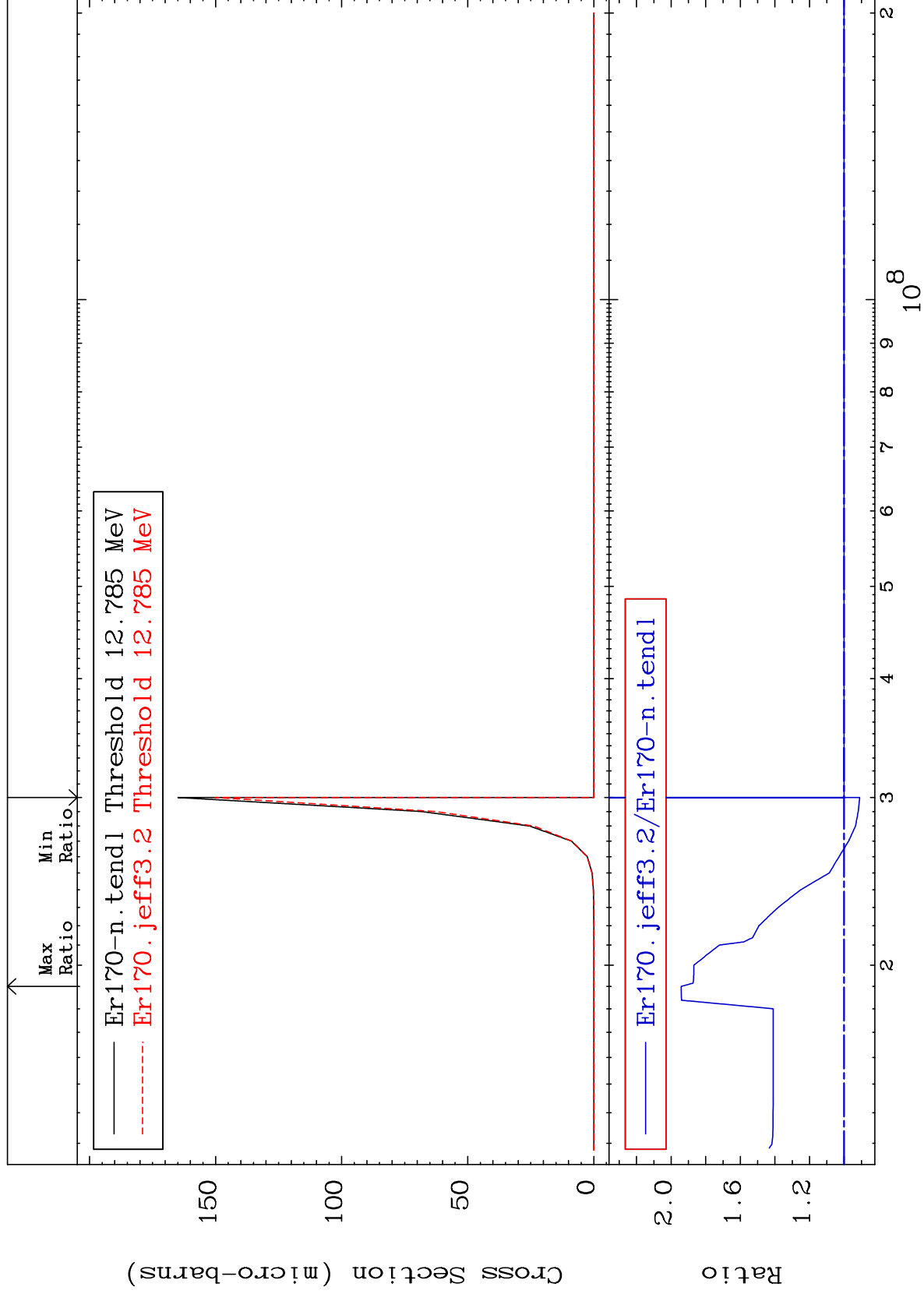
Incident Energy (eV)

68-Er-170

MAT 6849

(n,3n) α
Cross Section

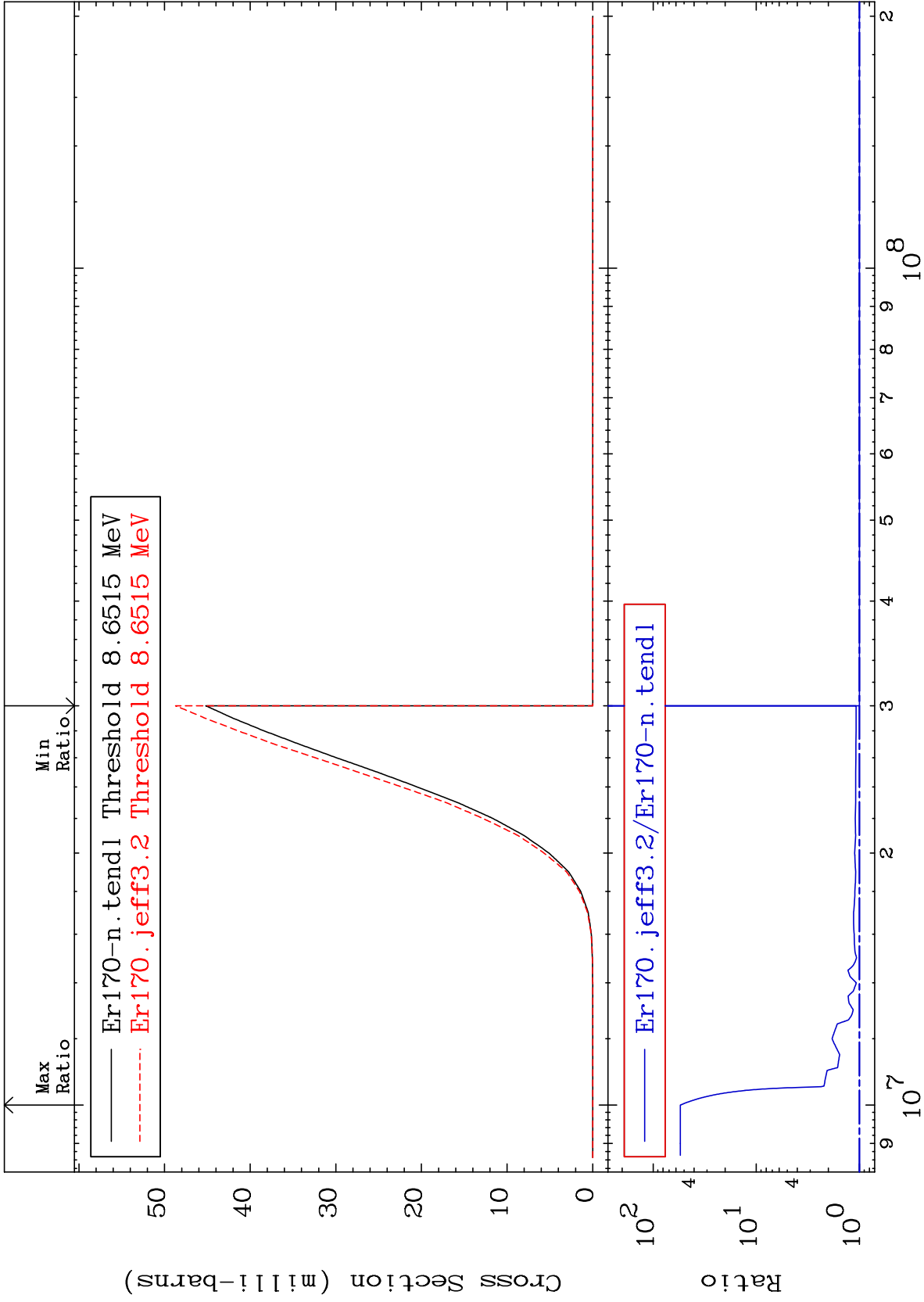
68-Er-170
-8.977 To 94.20 %



MAT 6849

(n, n') p
Cross Section

68-Er-170
0.000 To 5343. %



Incident Energy (eV)

68-Er-170

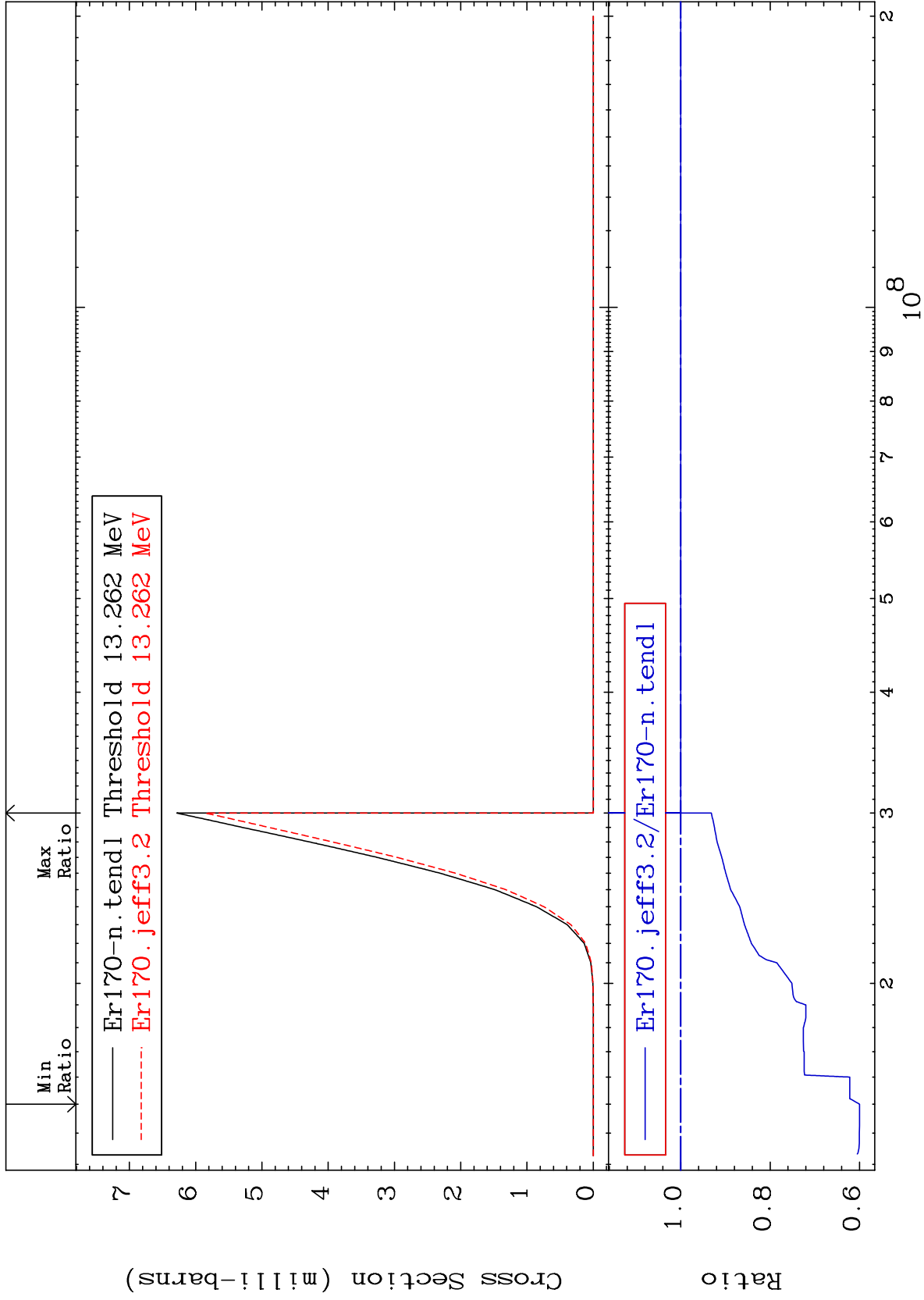
MAT 6849

(n, n') d

68-Er-170

Cross Section

-40.00 To 0.000 %



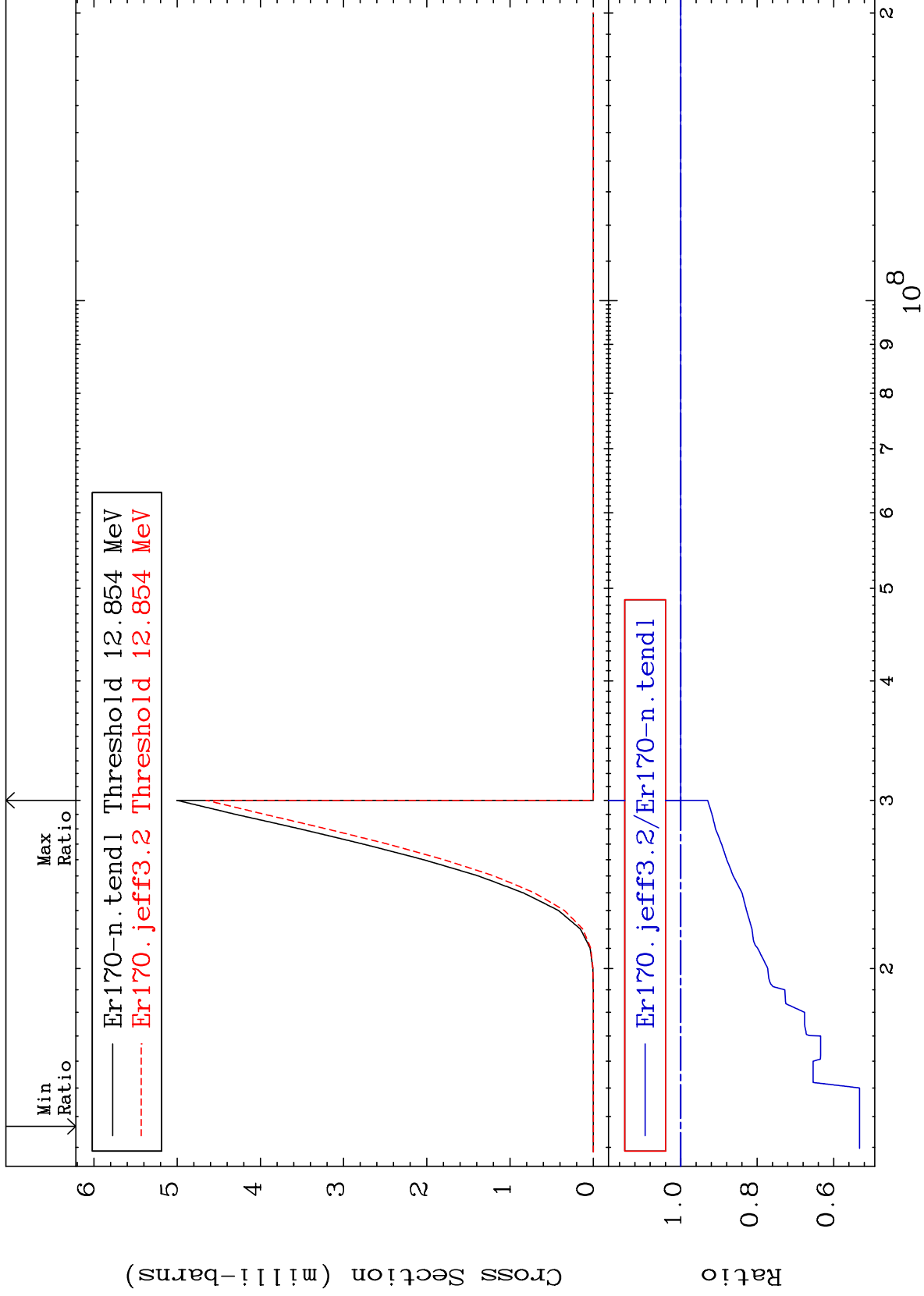
MAT 6849

(n,n') t

68-Er-170

Cross Section

-46.77 To 0.000 %



12

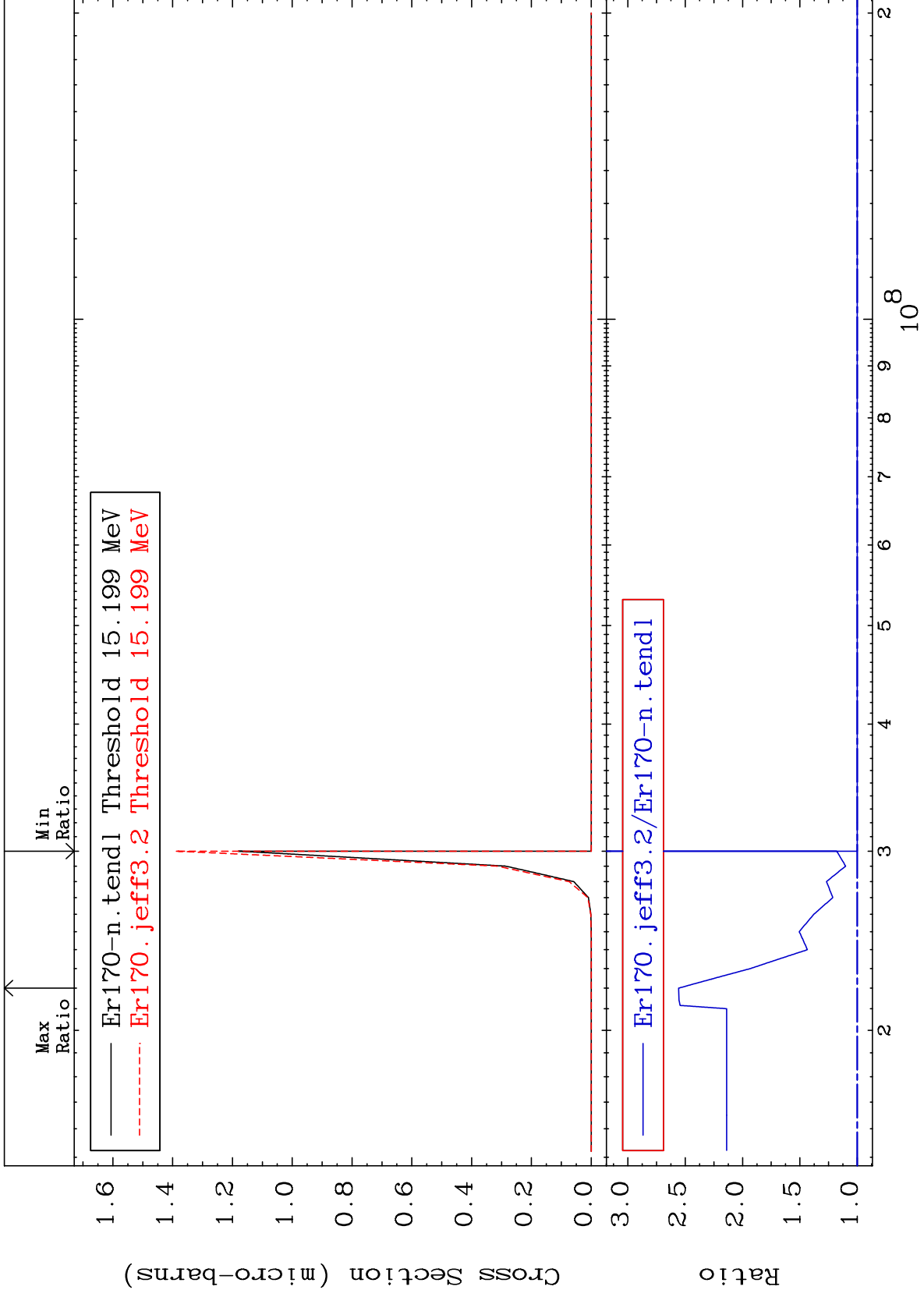
Incident Energy (eV)

68-Er-170

MAT 6849

(n, n') He-3
Cross Section

68-Er-170
To 155.7 %



MAT 6849

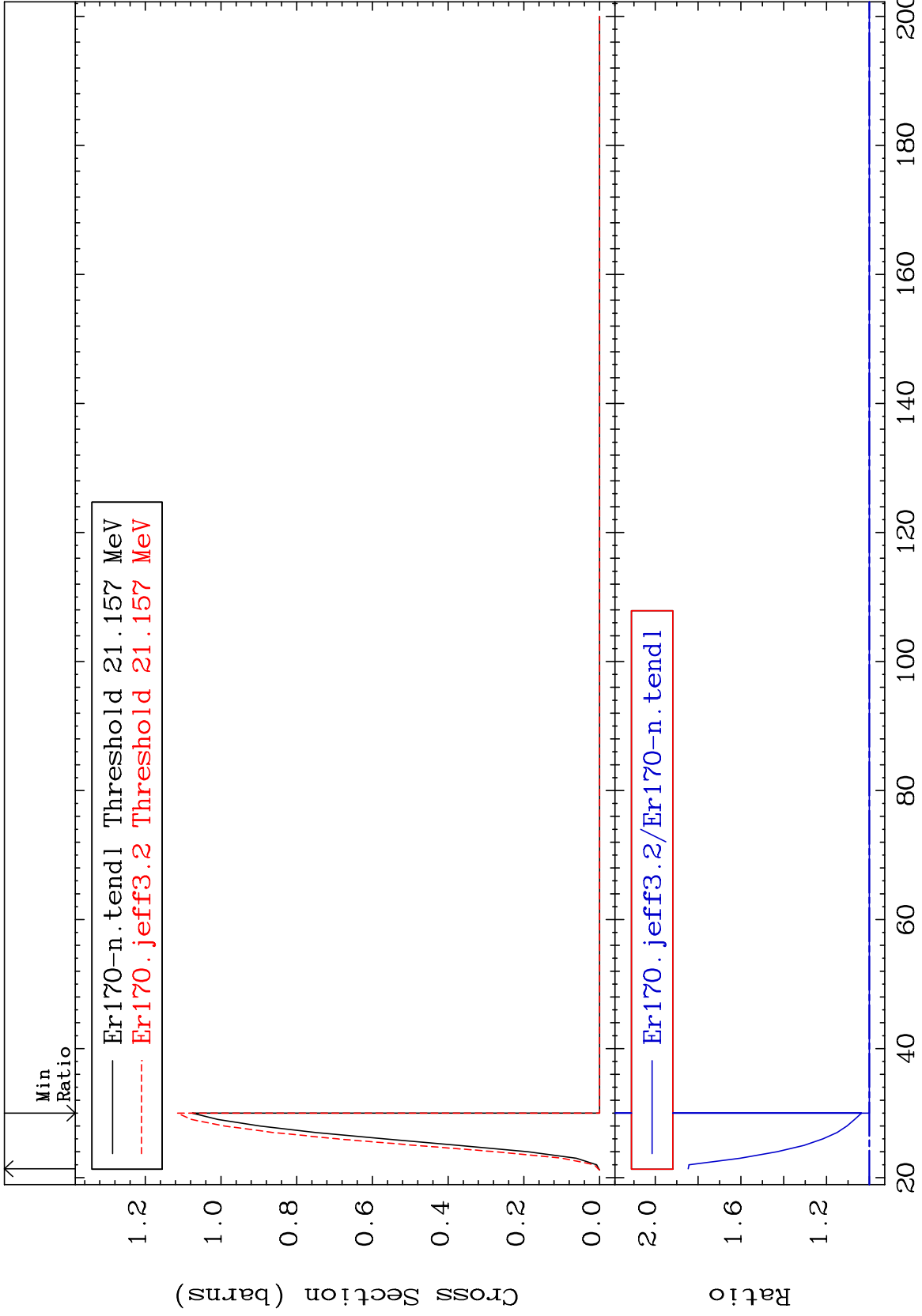
(n,4n)

68-Er-170

Cross Section

0.000

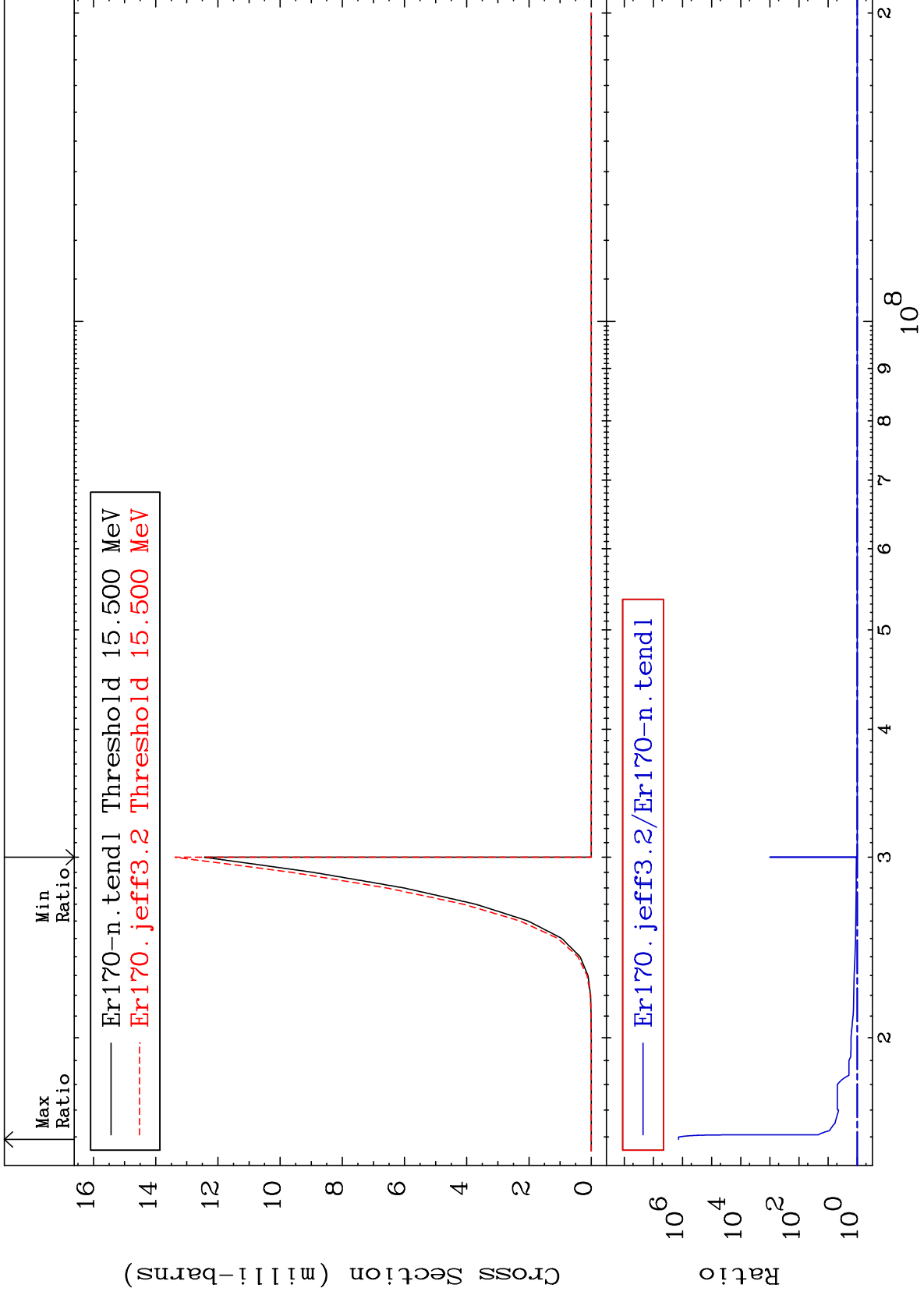
To 84.62 %



MAT 6849

(n,2n) p
Cross Section

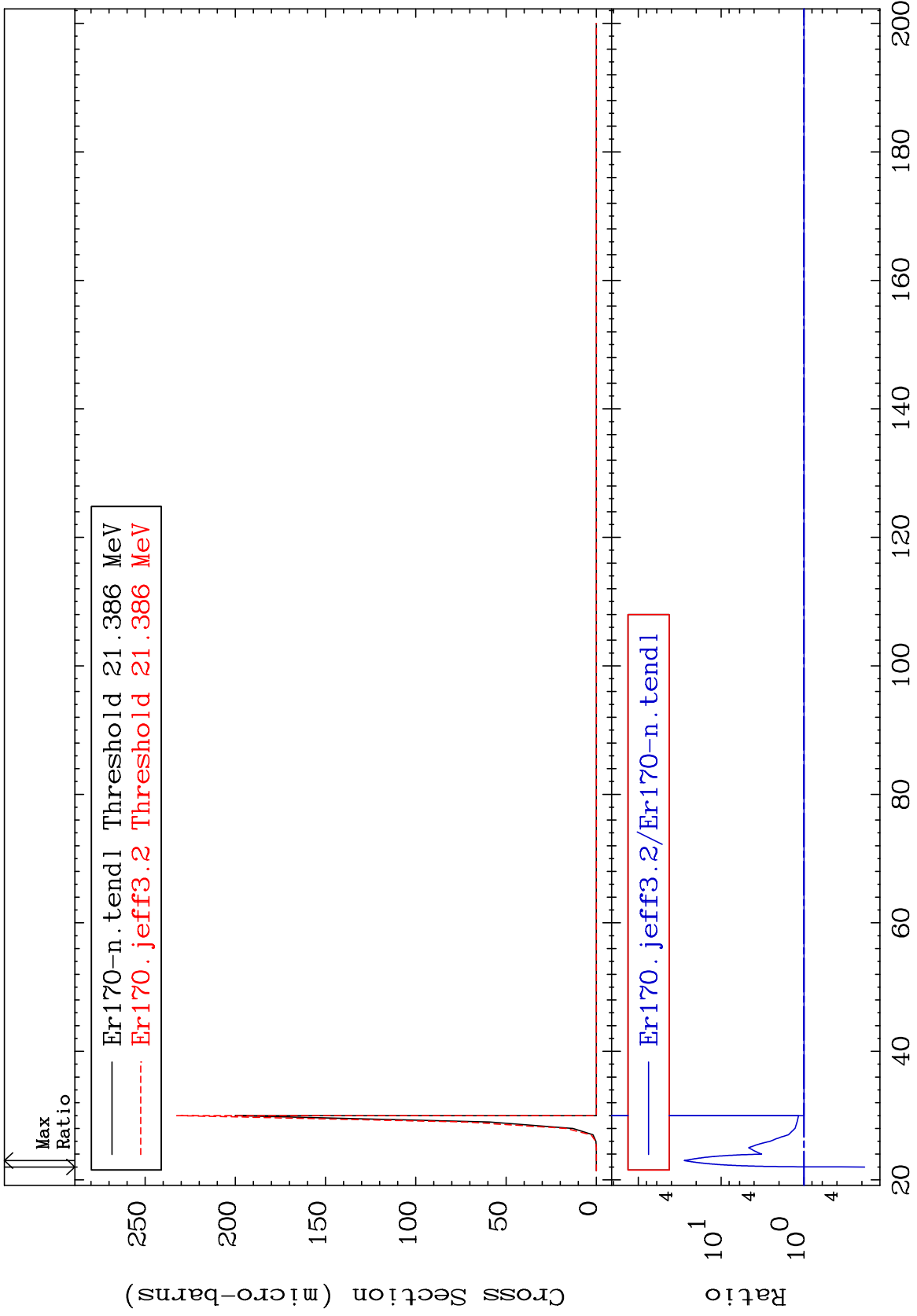
68-Er-170
To 9999. %



MAT 6849

(n,3n) p
Cross Section

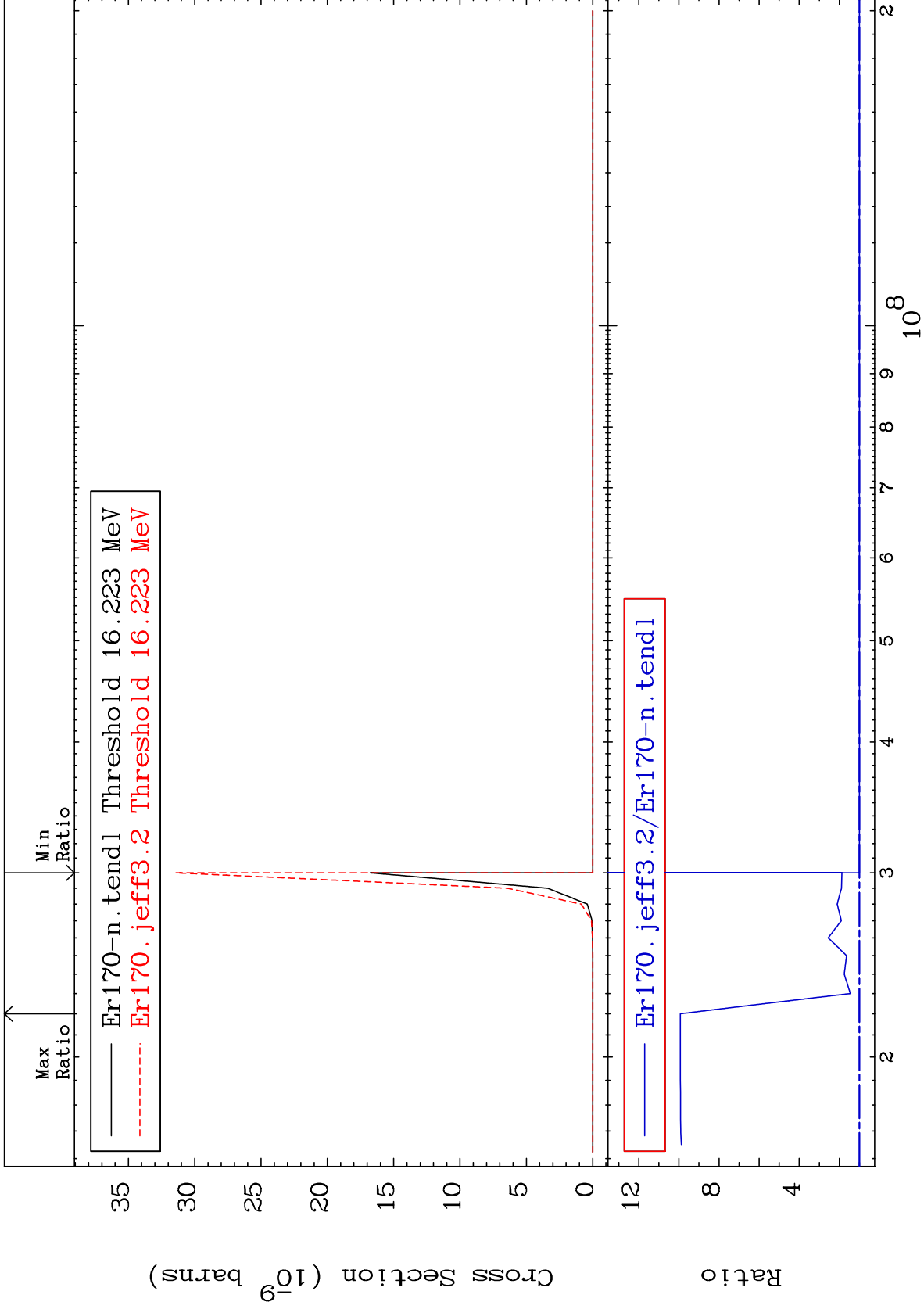
68-Er-170
-81.48 To 2675. %



MAT 6849

(n,2n) p
Cross Section

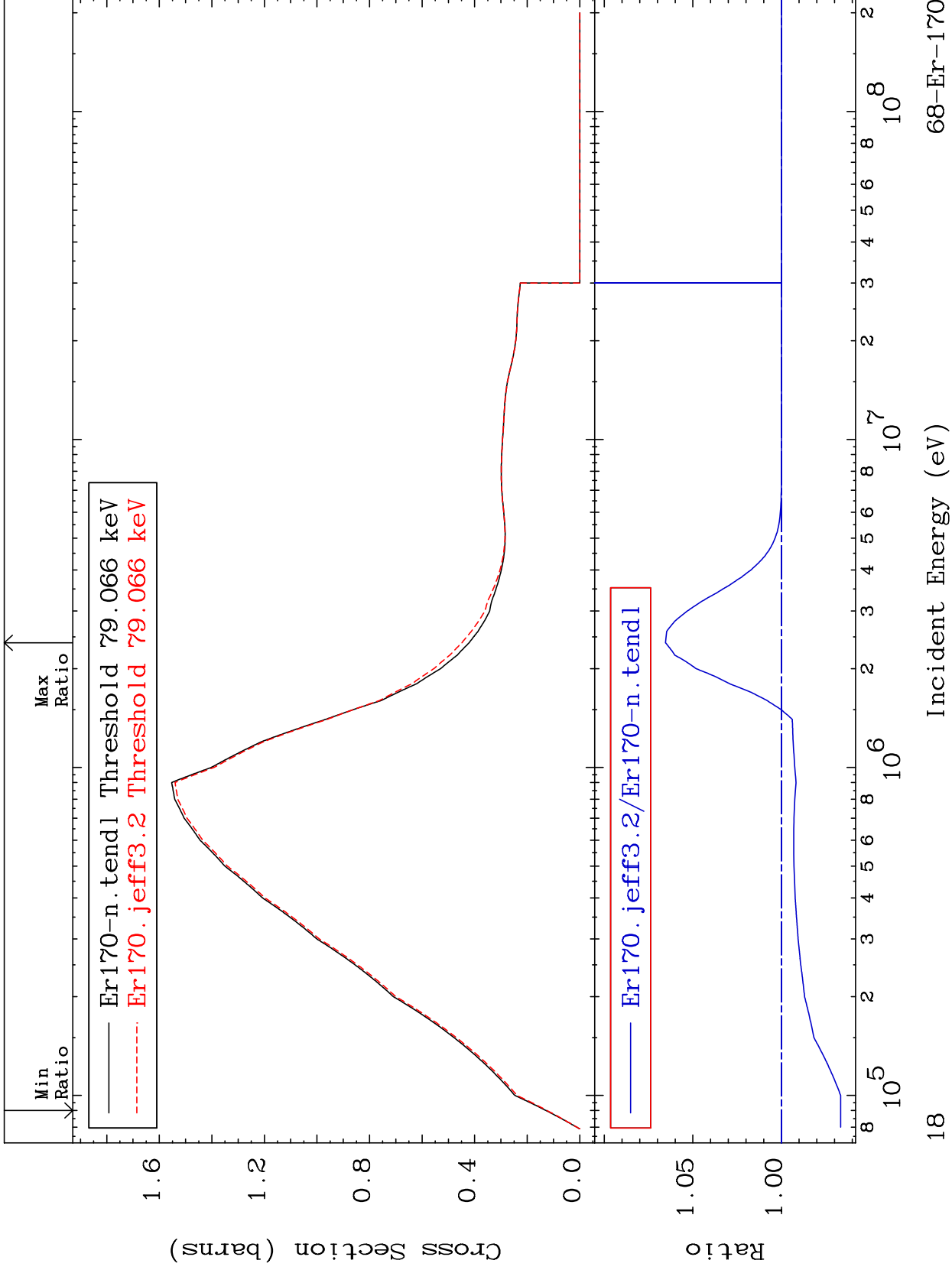
68-Er-170
To 892.7 %
0.000



MAT 6849

78.60 keV (n,n') Level
Cross Section

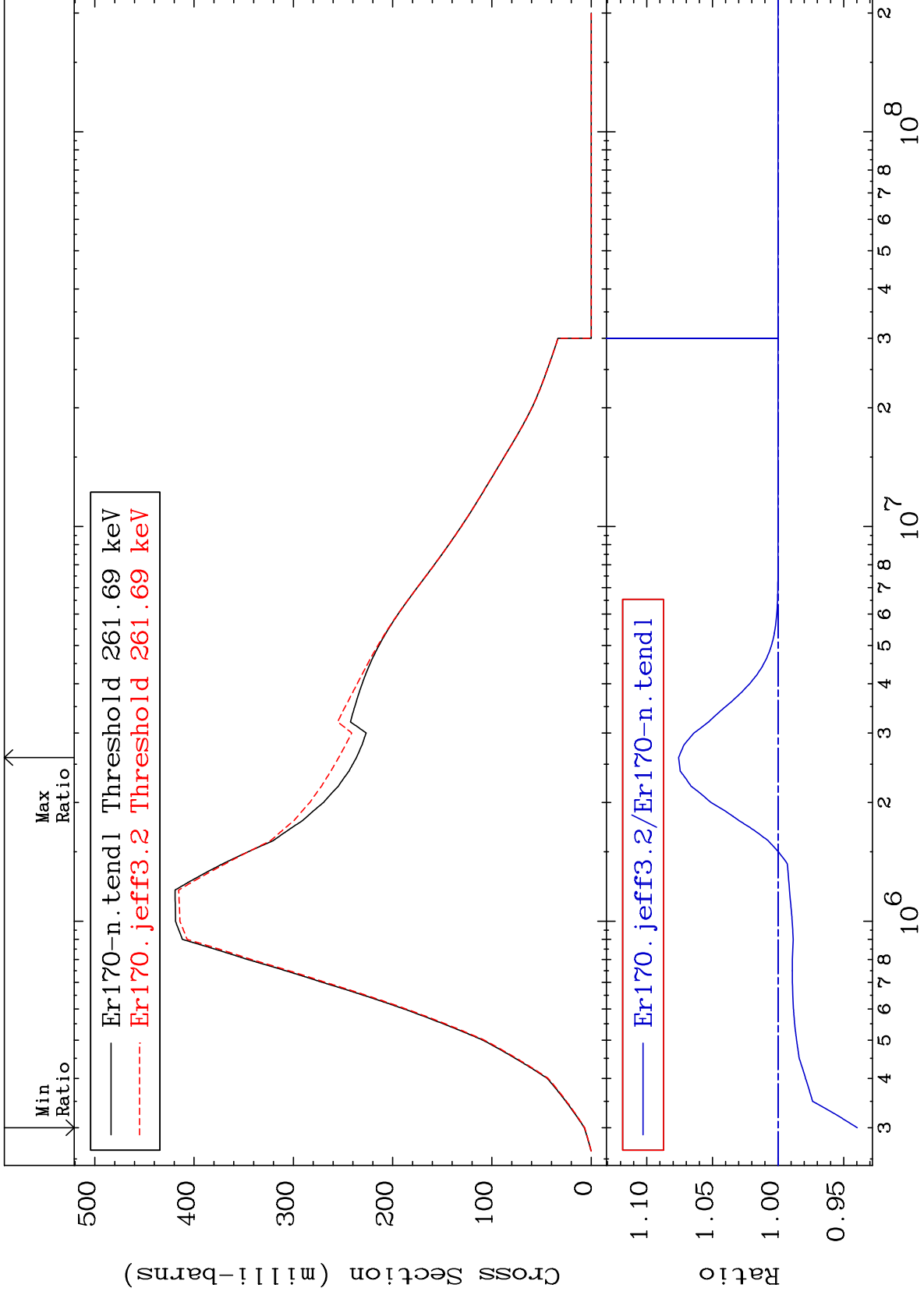
68-Er-170
-3.345 To 6.545 %



MAT 6849

260.1 keV (n,n') Level
Cross Section

68-Er-170
-6.037 To 7.578 %



19

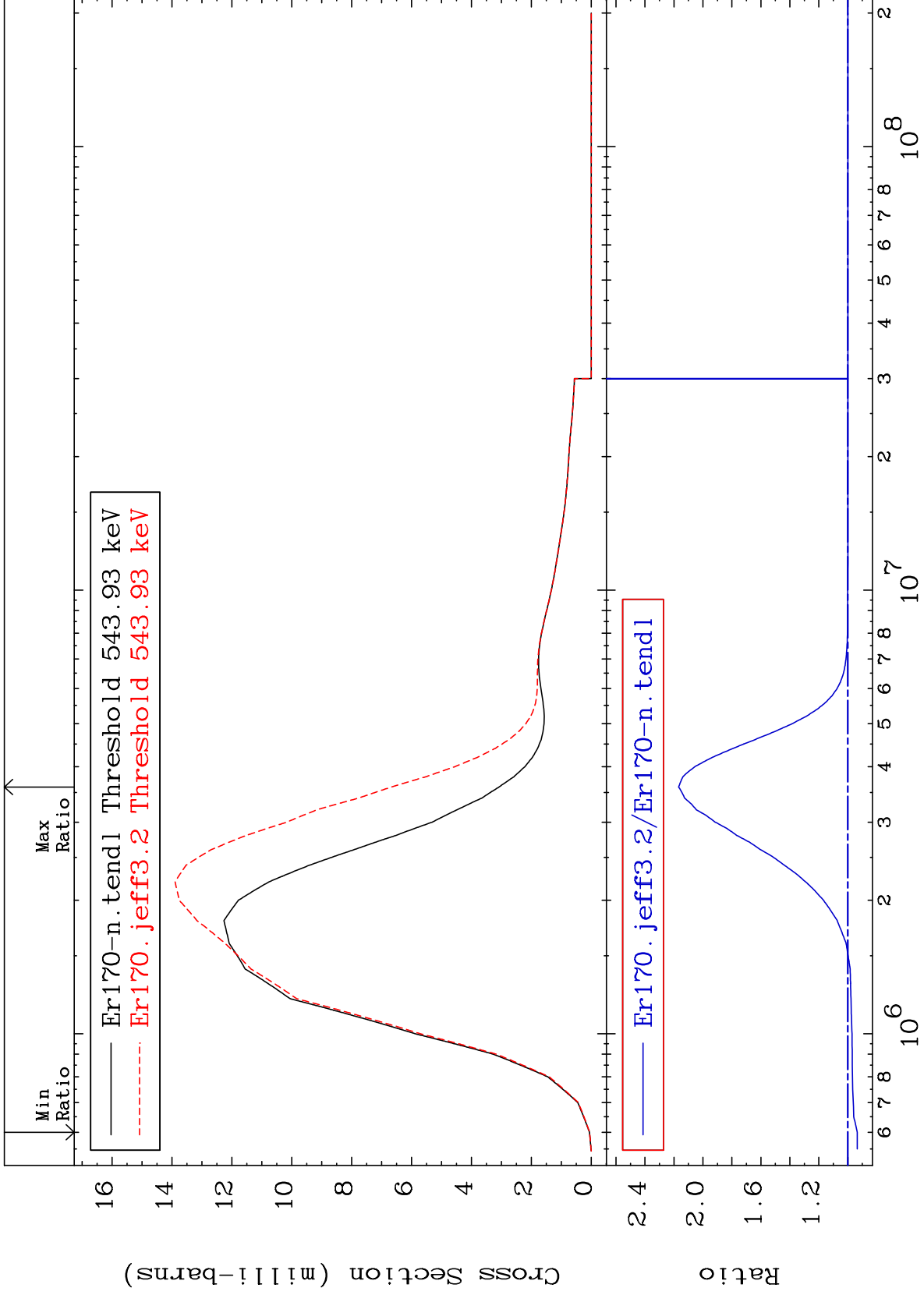
Incident Energy (eV)

68-Er-170

MAT 6849

540.7 keV (n,n') Level
Cross Section

68-Er-170
-6.534 To 116.8 %



20

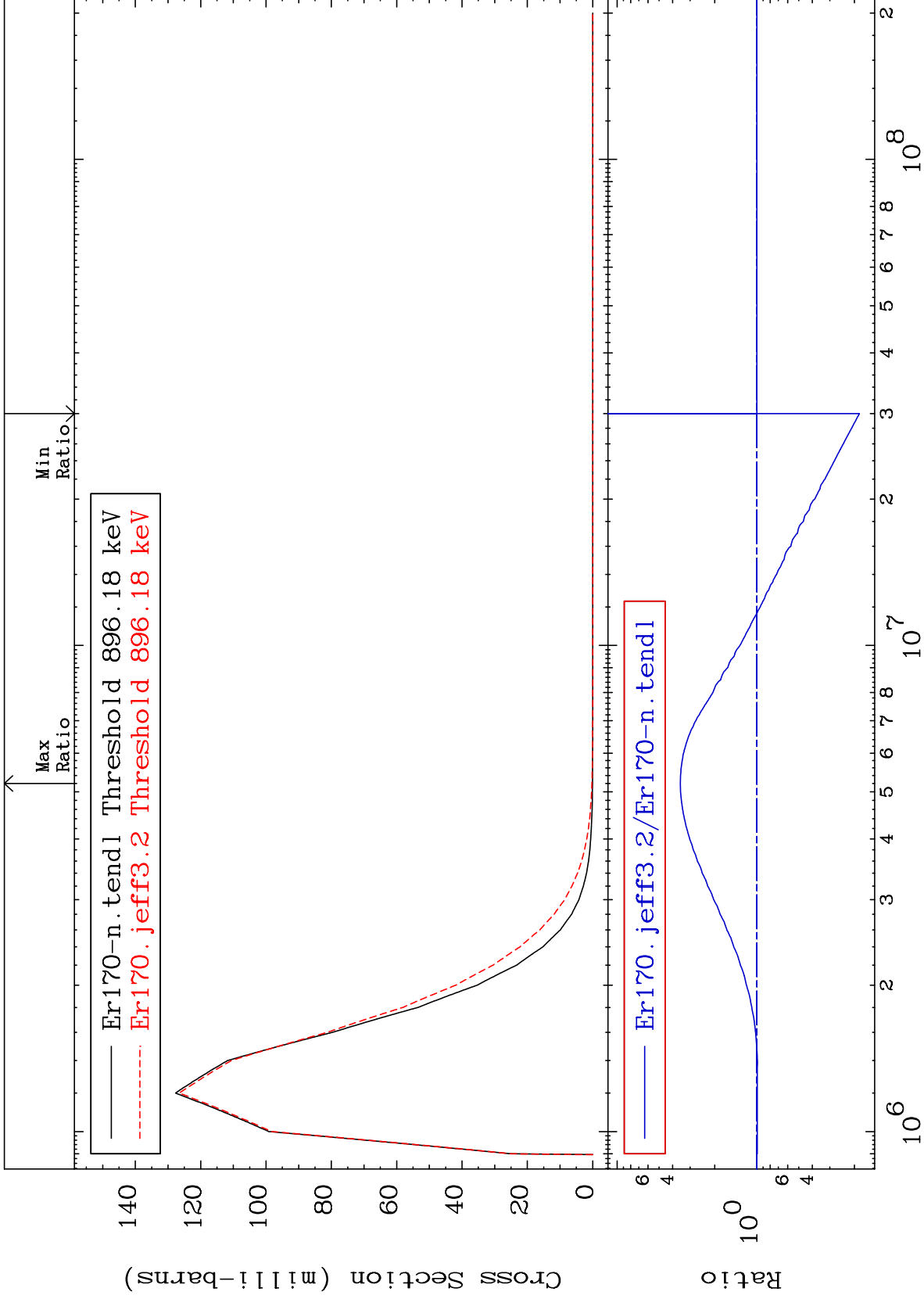
Incident Energy (eV)

68-Er-170

MAT 6849

890.9 keV (n,n') Level
Cross Section

68-Er-170
-81.60 To 252.4 %



21

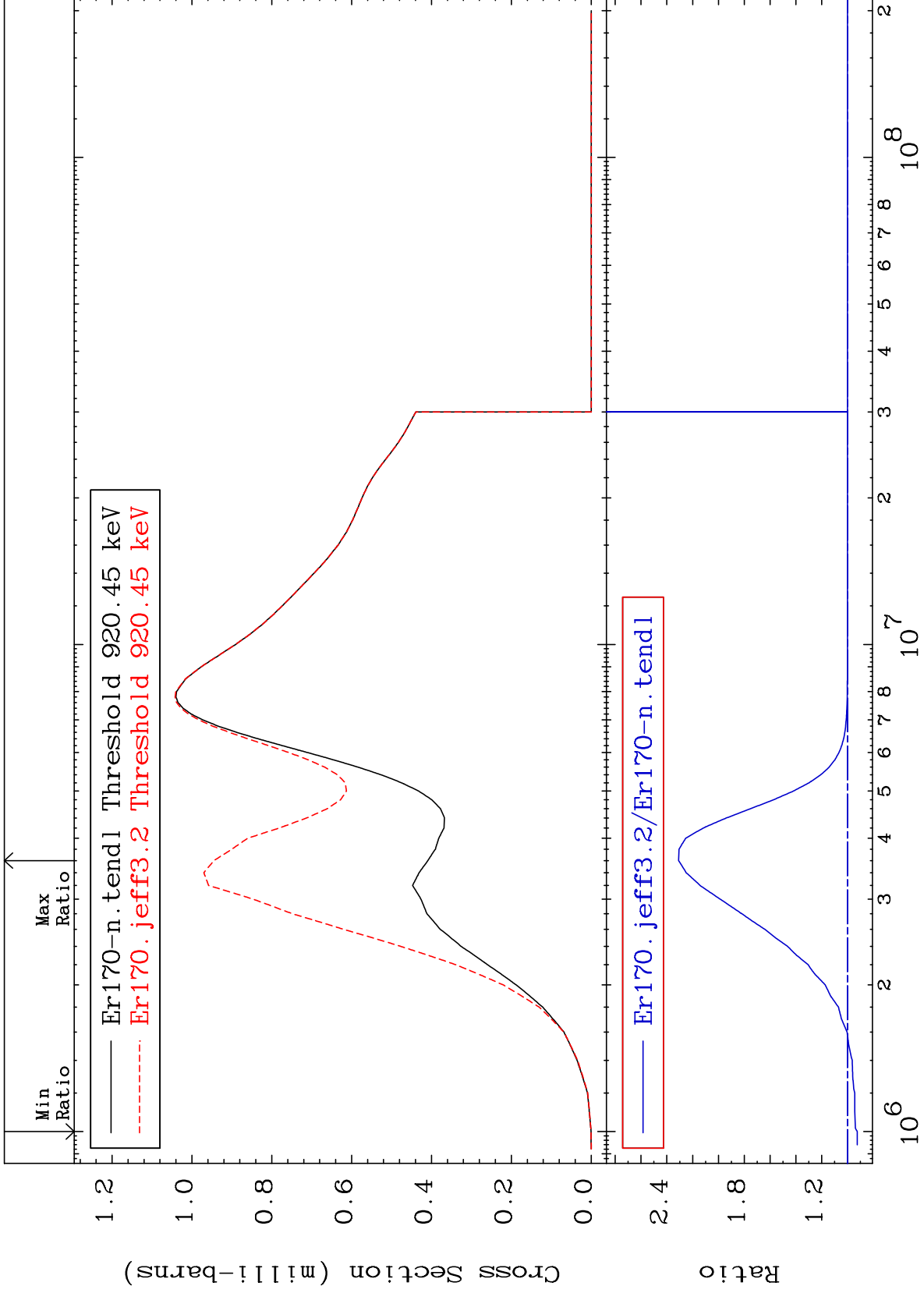
Incident Energy (eV)

68-Er-170

MAT 6849

915.0 keV (n,n') Level
Cross Section

68-Er-170
-7.569 To 130.9 %



22

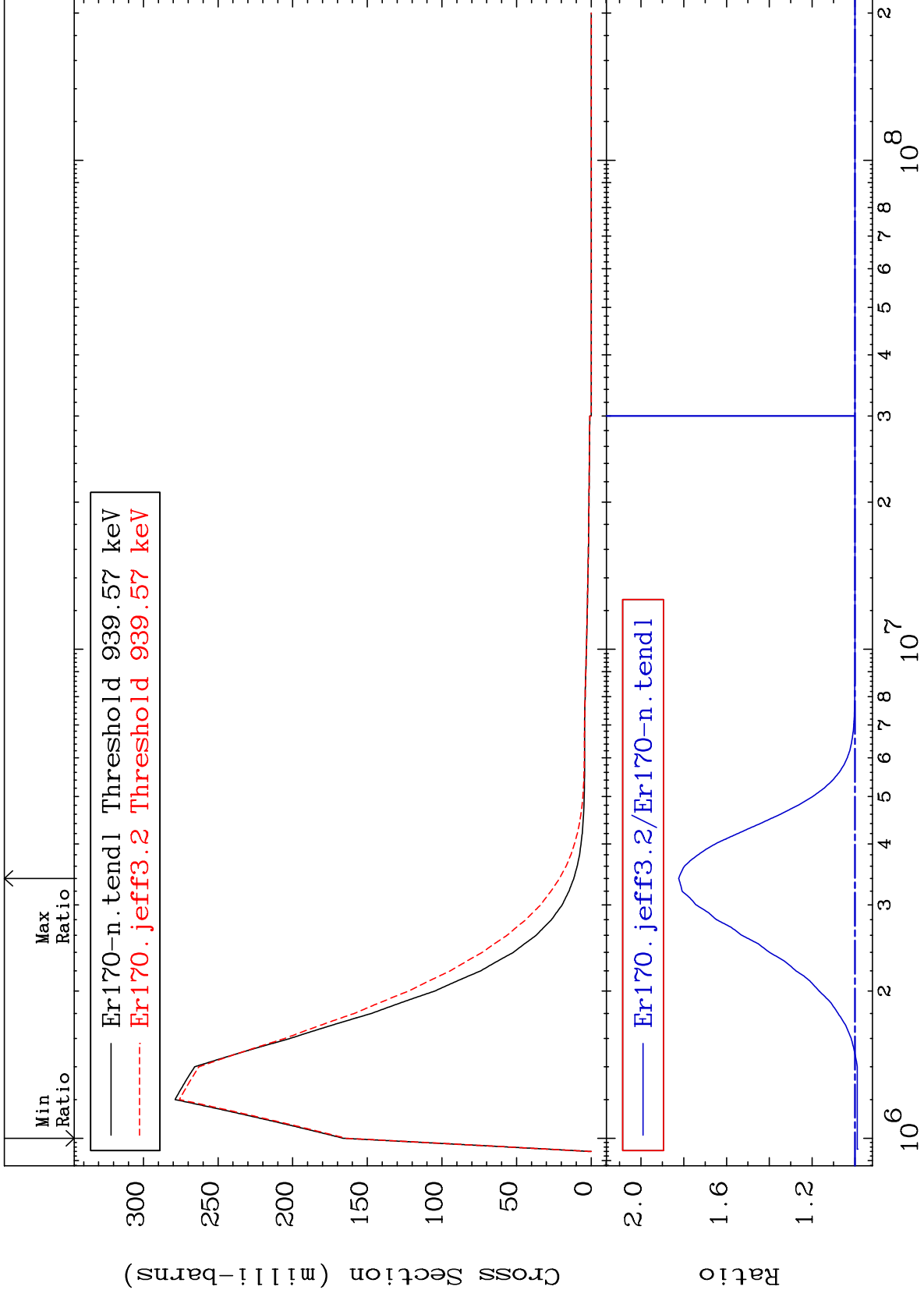
Incident Energy (eV)

68-Er-170

MAT 6849

934.0 keV (n,n') Level
Cross Section

68-Er-170
-1.083 To 82.39 %



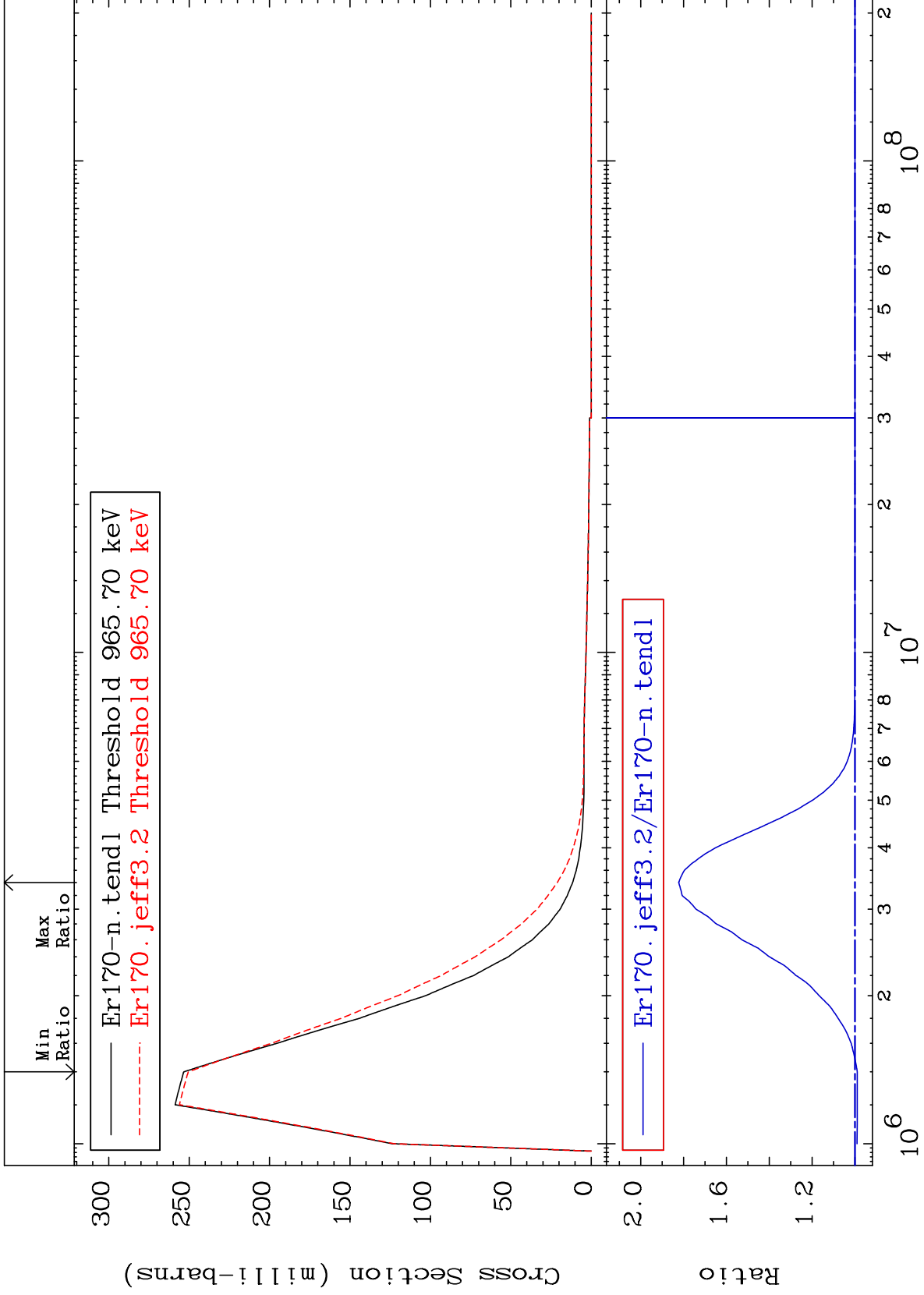
23

68-Er-170

MAT 6849

960.0 keV (n,n') Level
Cross Section

68-Er-170
-1.085 To 82.29 %



24

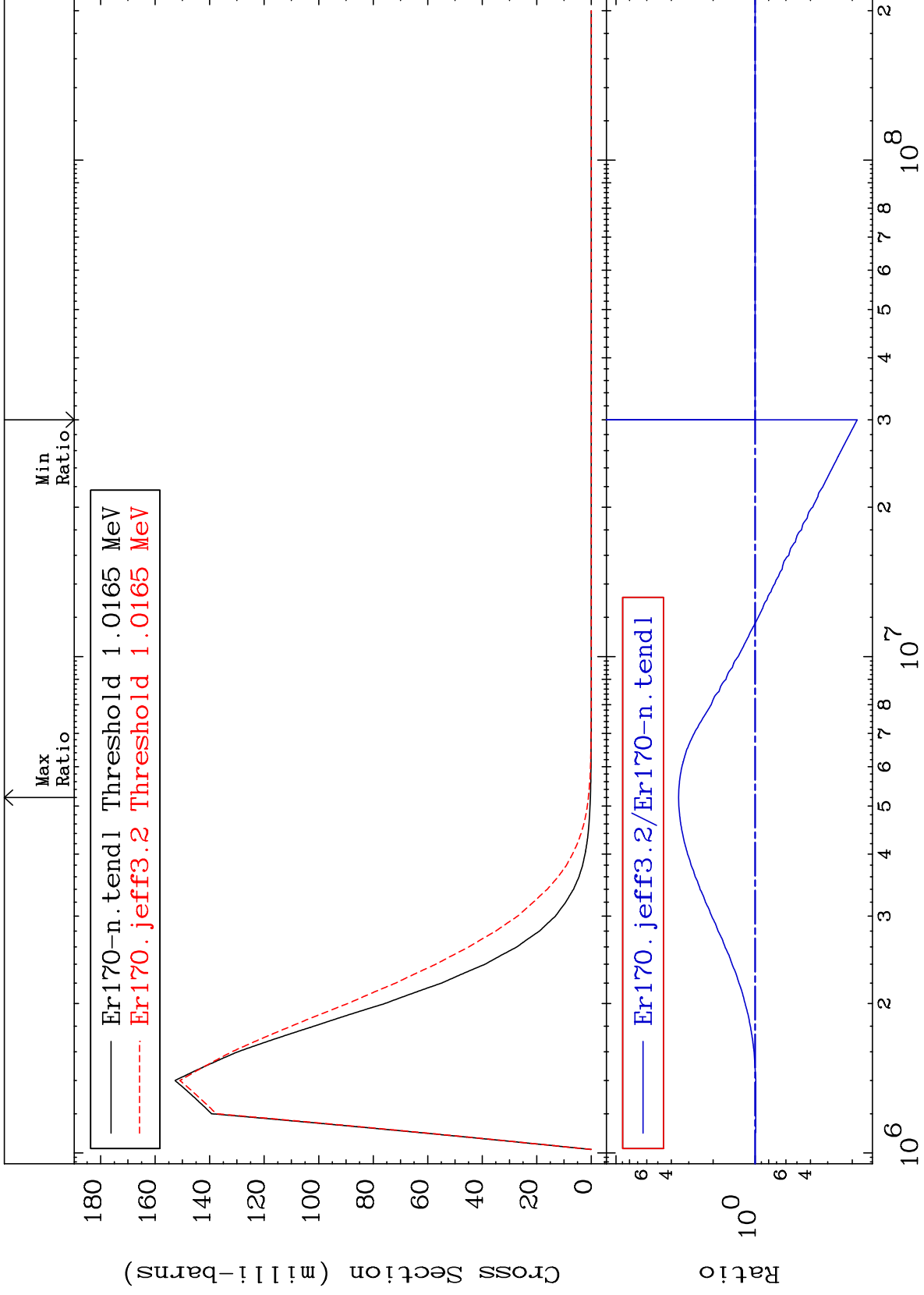
Incident Energy (eV)

68-Er-170

MAT 6849

1.011 MeV (n,n') Level
Cross Section

68-Er-170
-81.58 To 254.6 %



25

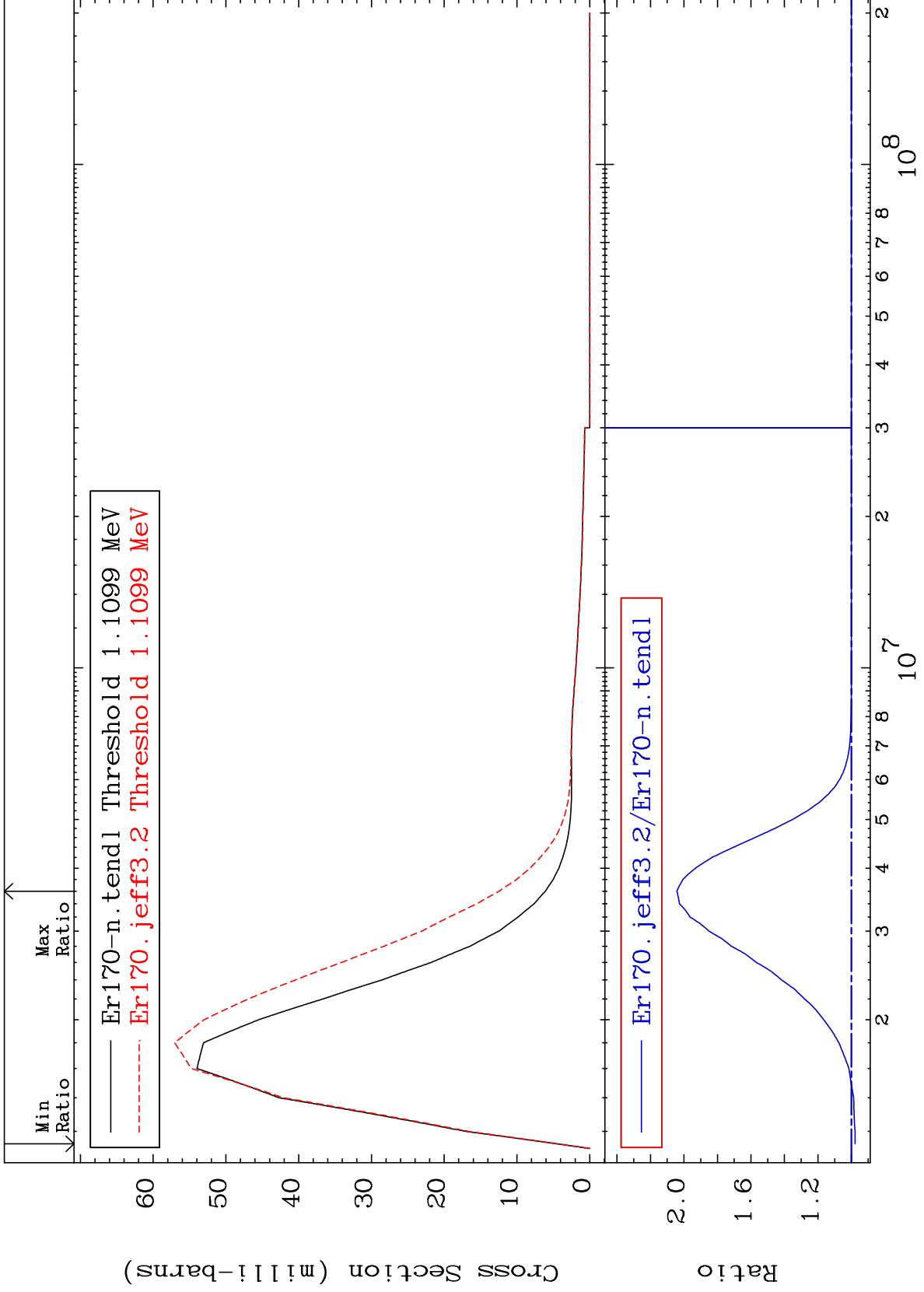
Incident Energy (eV)

68-Er-170

MAT 6849

1.103 MeV (n,n') Level
Cross Section

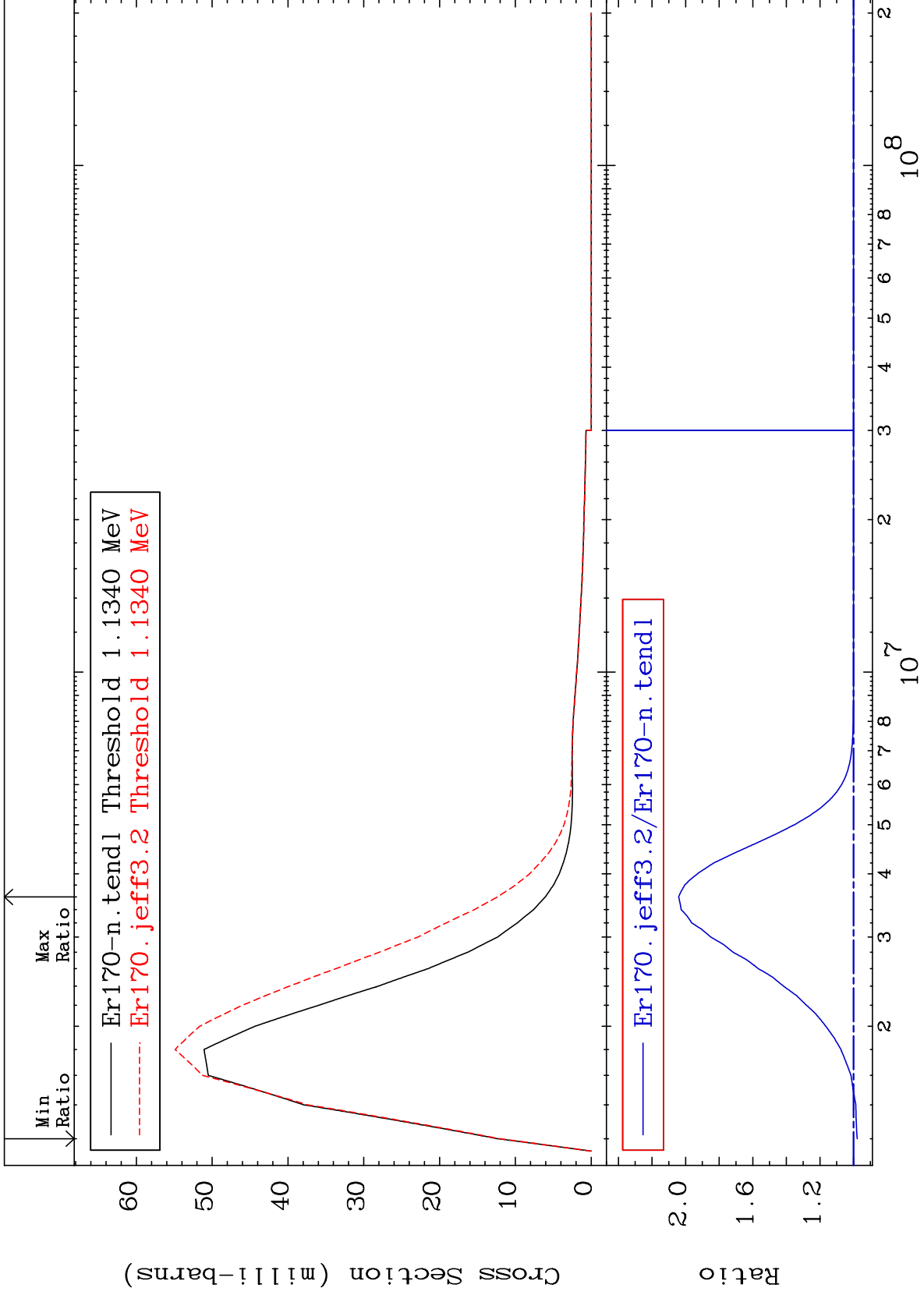
68-Er-170
-2.201 To 104.2 %



MAT 6849

1.127 MeV (n,n') Level
Cross Section

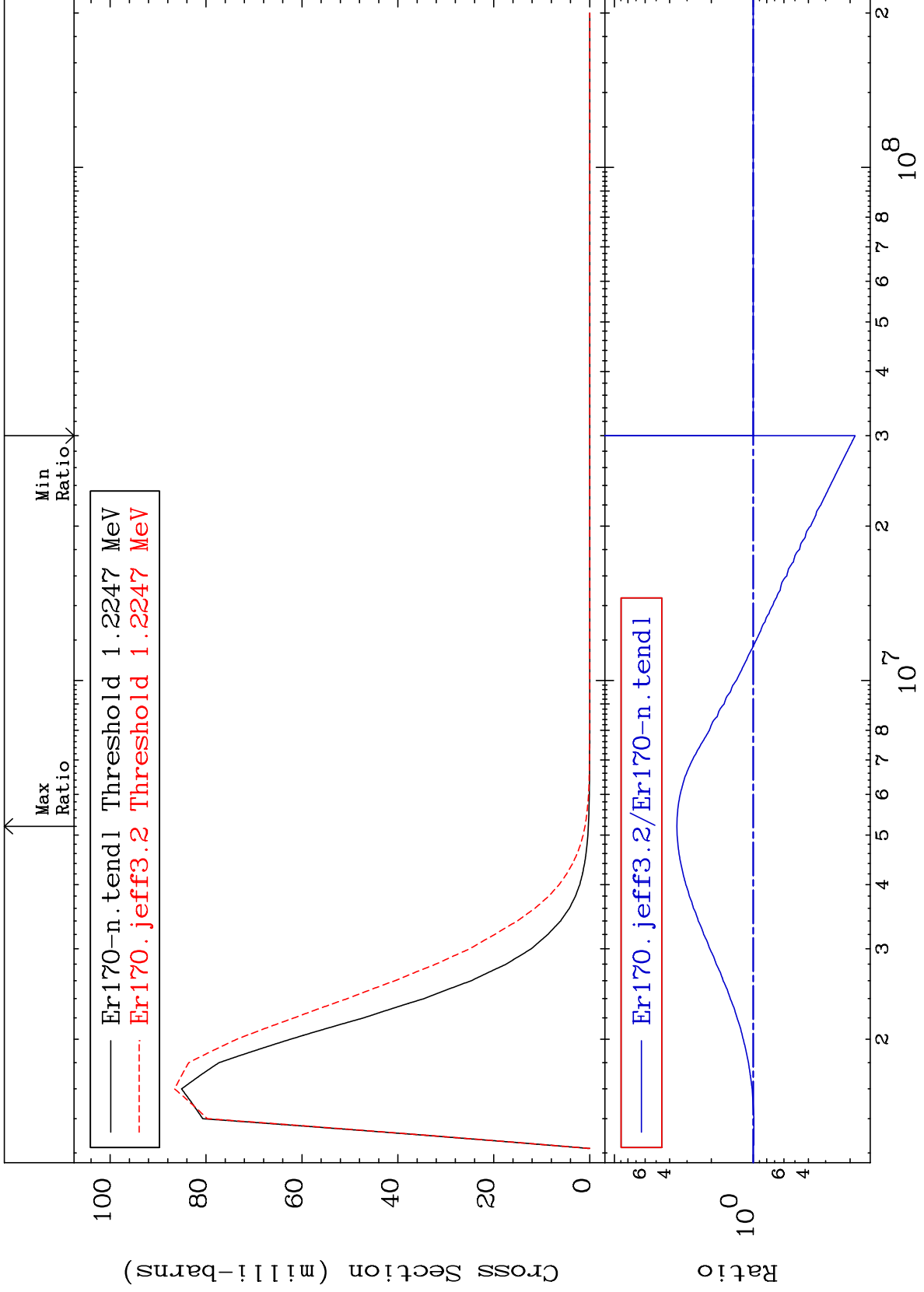
68-Er-170
-2.232 To 104.1 %



MAT 6849

1.218 MeV (n,n') Level
Cross Section

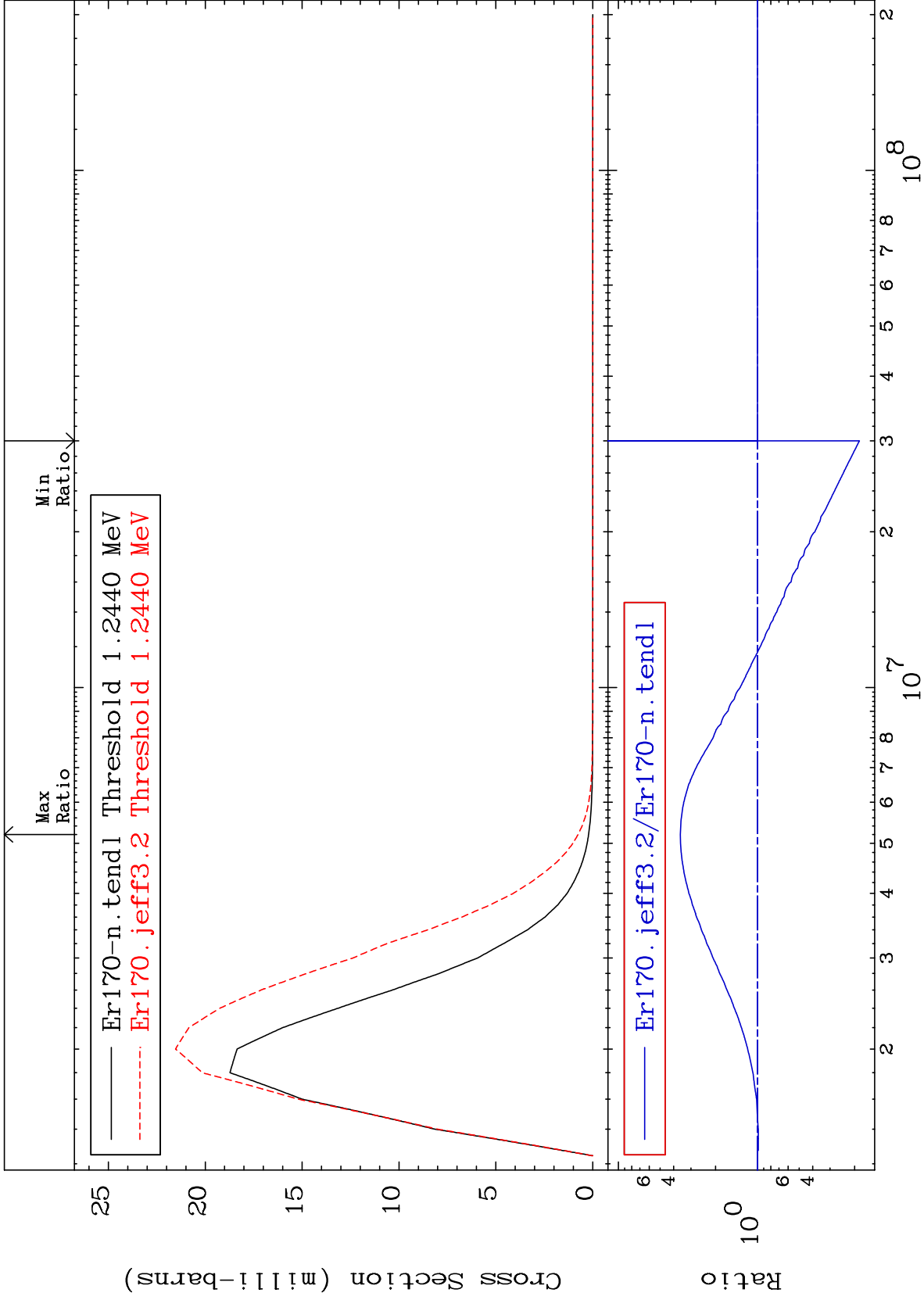
68-Er-170
-81.58 To 254.5 %

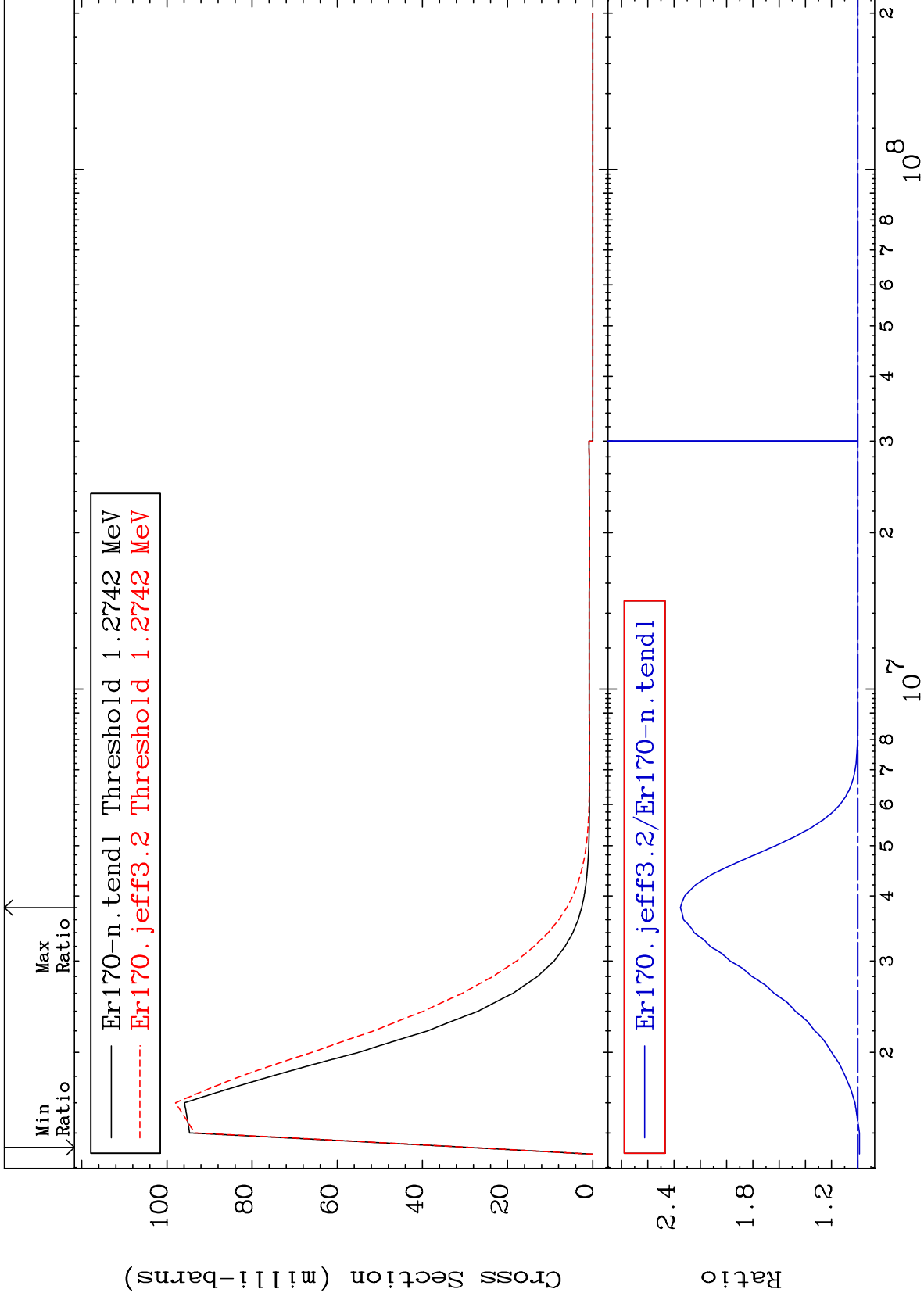


MAT 6849

1.237 MeV (n,n') Level
Cross Section

68-Er-170
-81.55 To 258.0 %

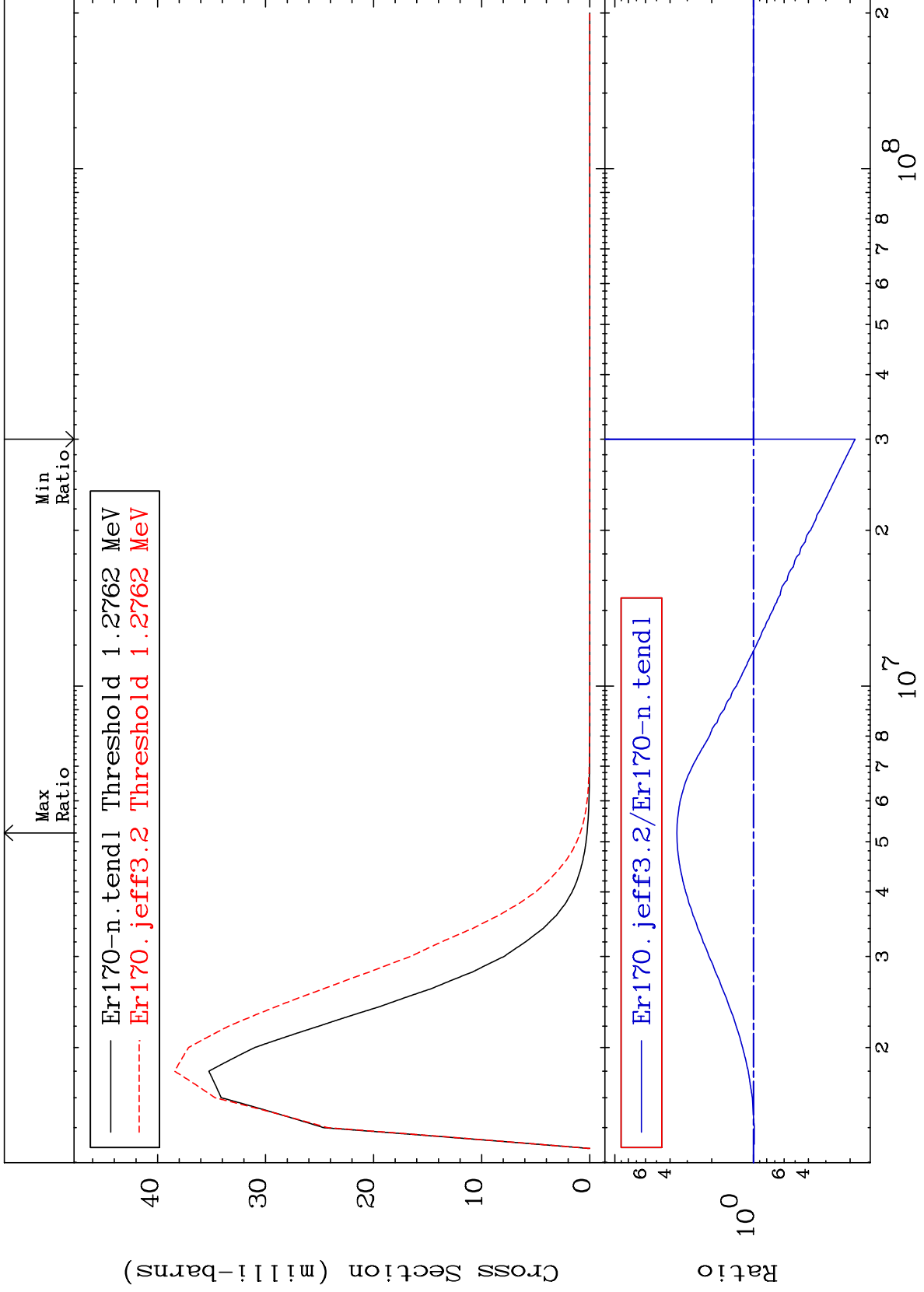




MAT 6849

1.269 MeV (n,n') Level
Cross Section

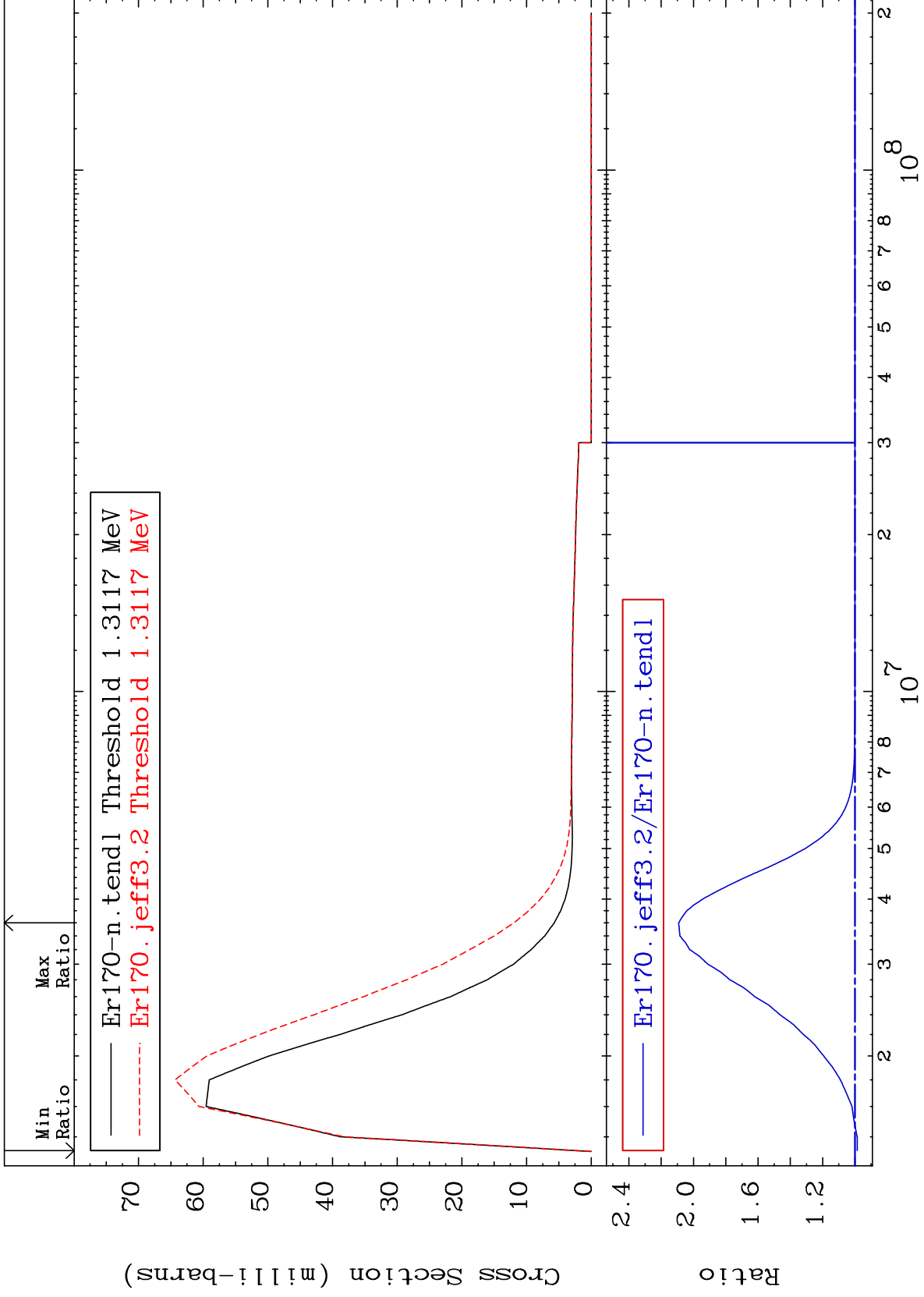
68-Er-170
-81.57 To 256.5 %



MAT 6849

1.304 MeV (n,n') Level
Cross Section

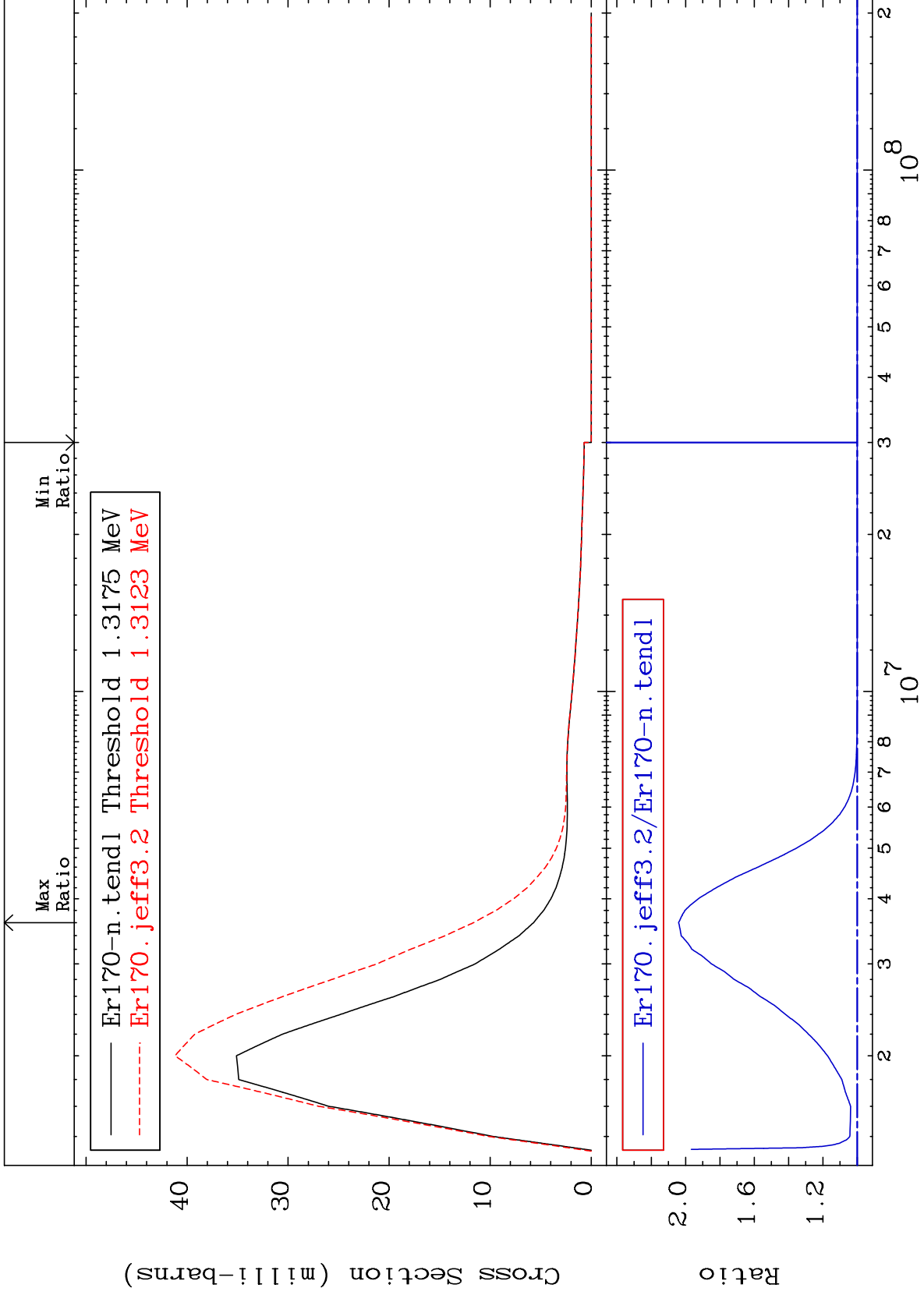
68-Er-170
-1.453 To 109.2 %



MAT 6849

1.310 MeV (n,n') Level
Cross Section

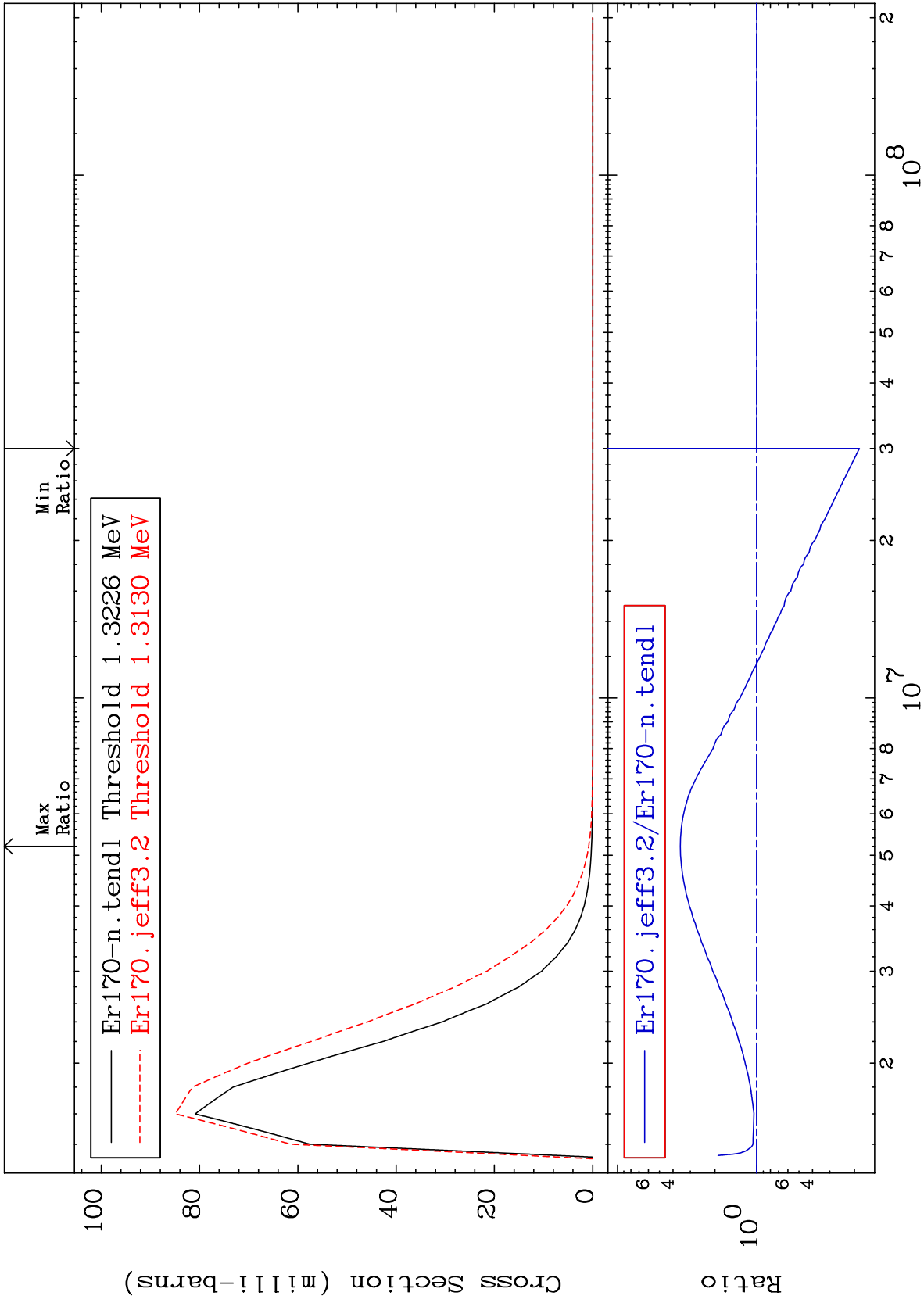
68-Er-170
0.000 To 104.0 %



MAT 6849

1.315 MeV (n,n') Level
Cross Section

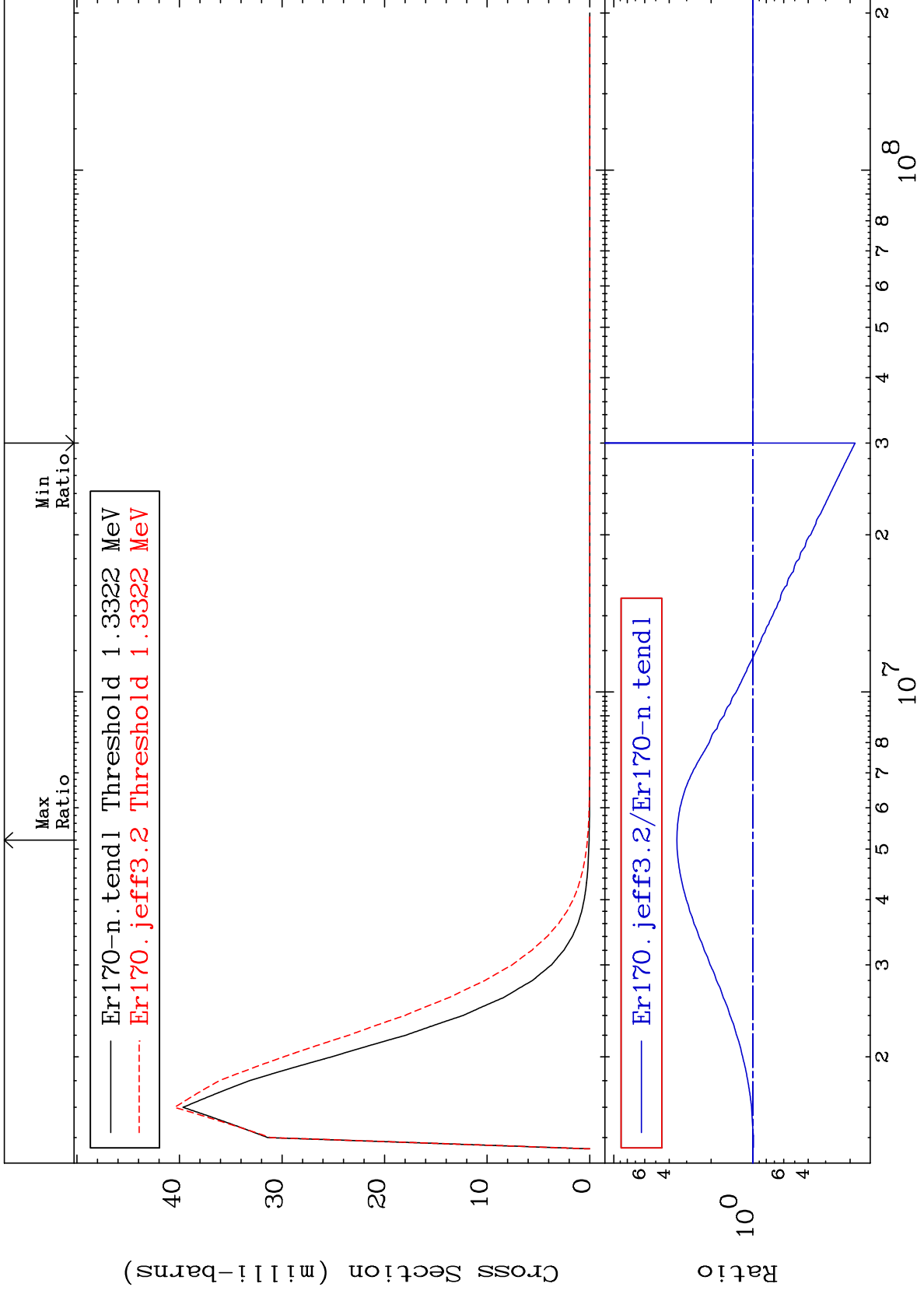
68-Er-170
-81.59 To 254.0 %



MAT 6849

1.324 MeV (n,n') Level
Cross Section

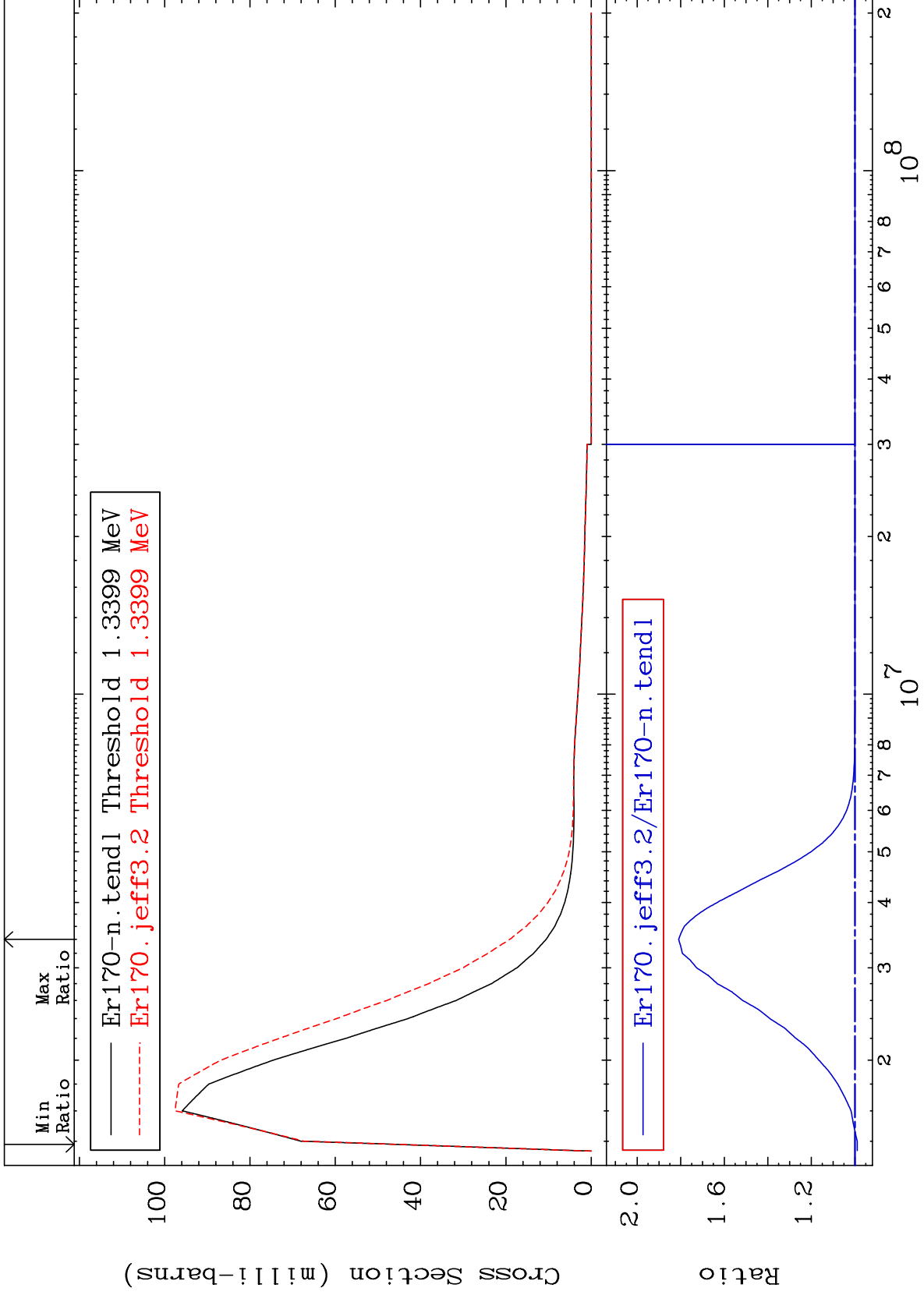
68-Er-170
-81.60 To 252.0 %



MAT 6849

1.332 MeV (n,n') Level
Cross Section

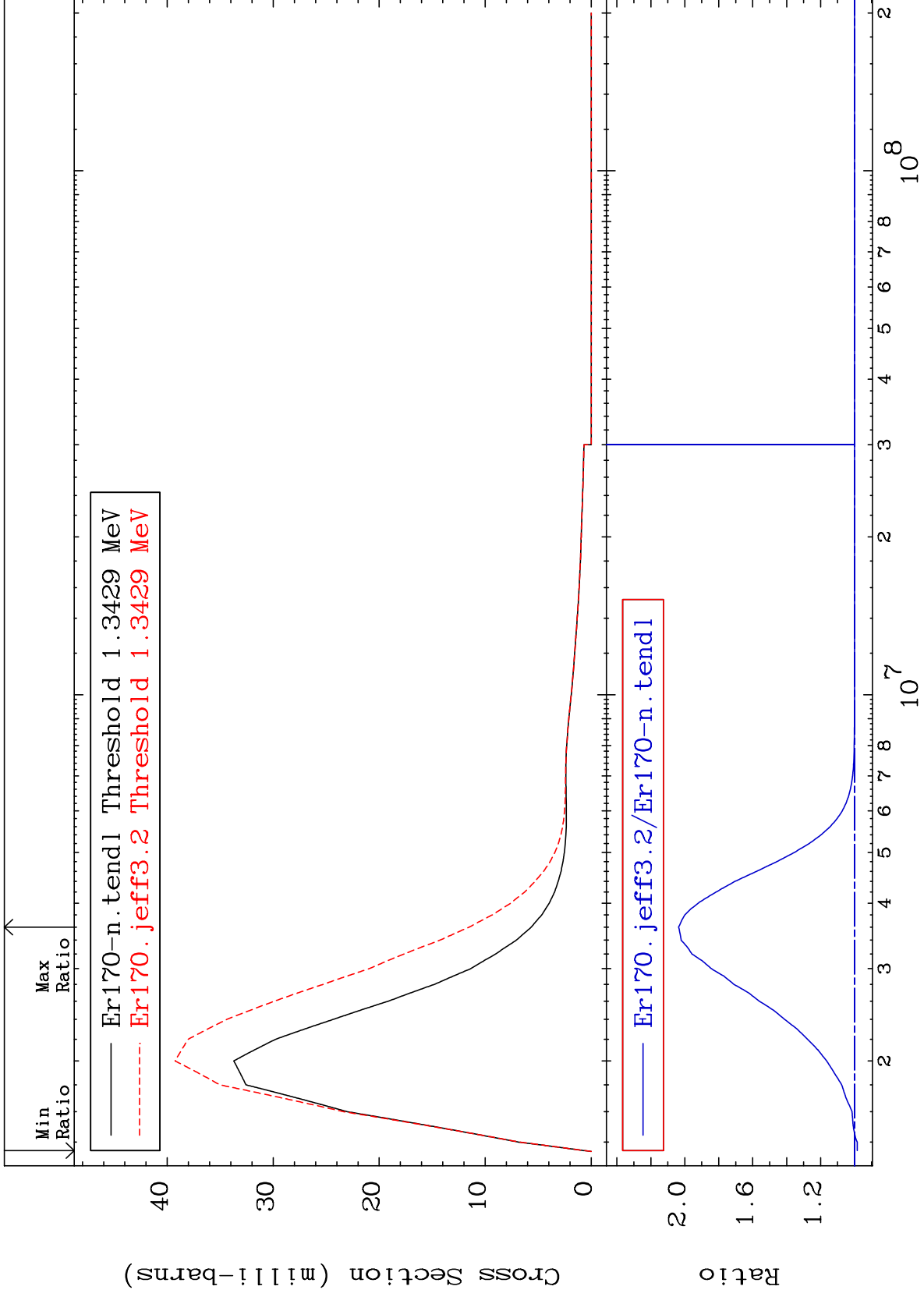
68-Er-170
-1.090 To 80.96 %



MAT 6849

1.335 MeV (n,n') Level
Cross Section

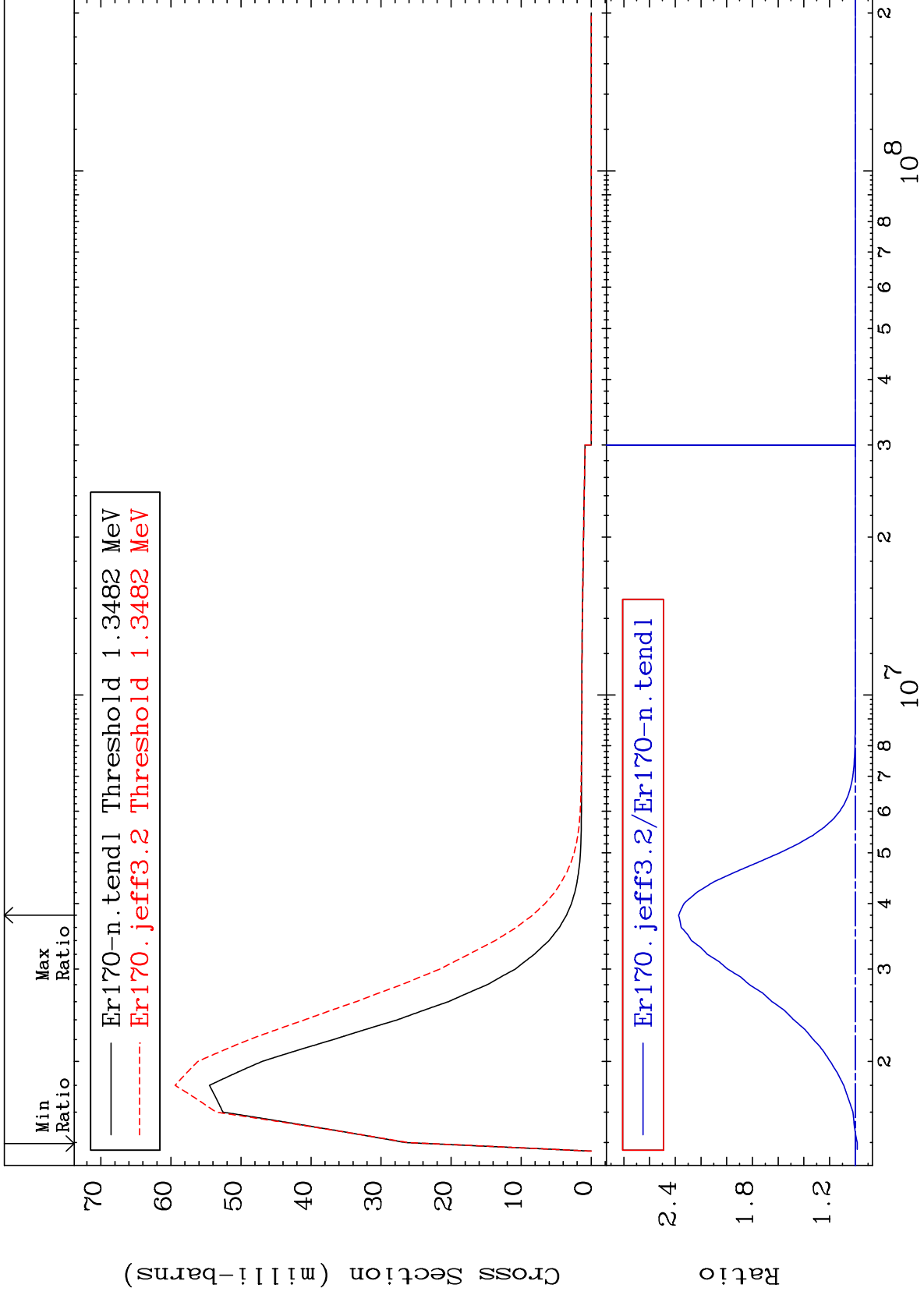
68-Er-170
-1.601 To 103.6 %

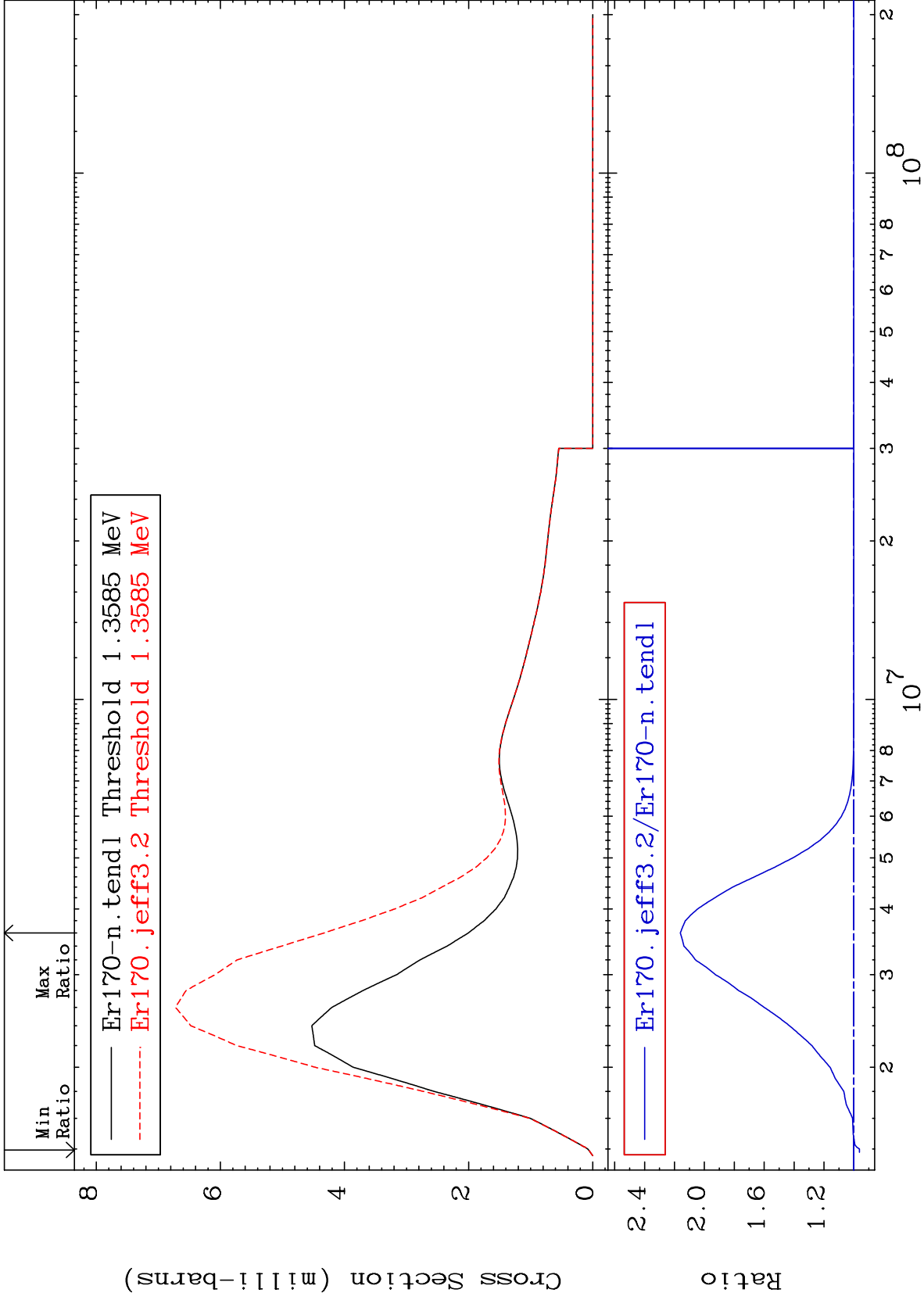


MAT 6849

1.340 MeV (n,n') Level
Cross Section

68-Er-170
-1.529 To 137.4 %

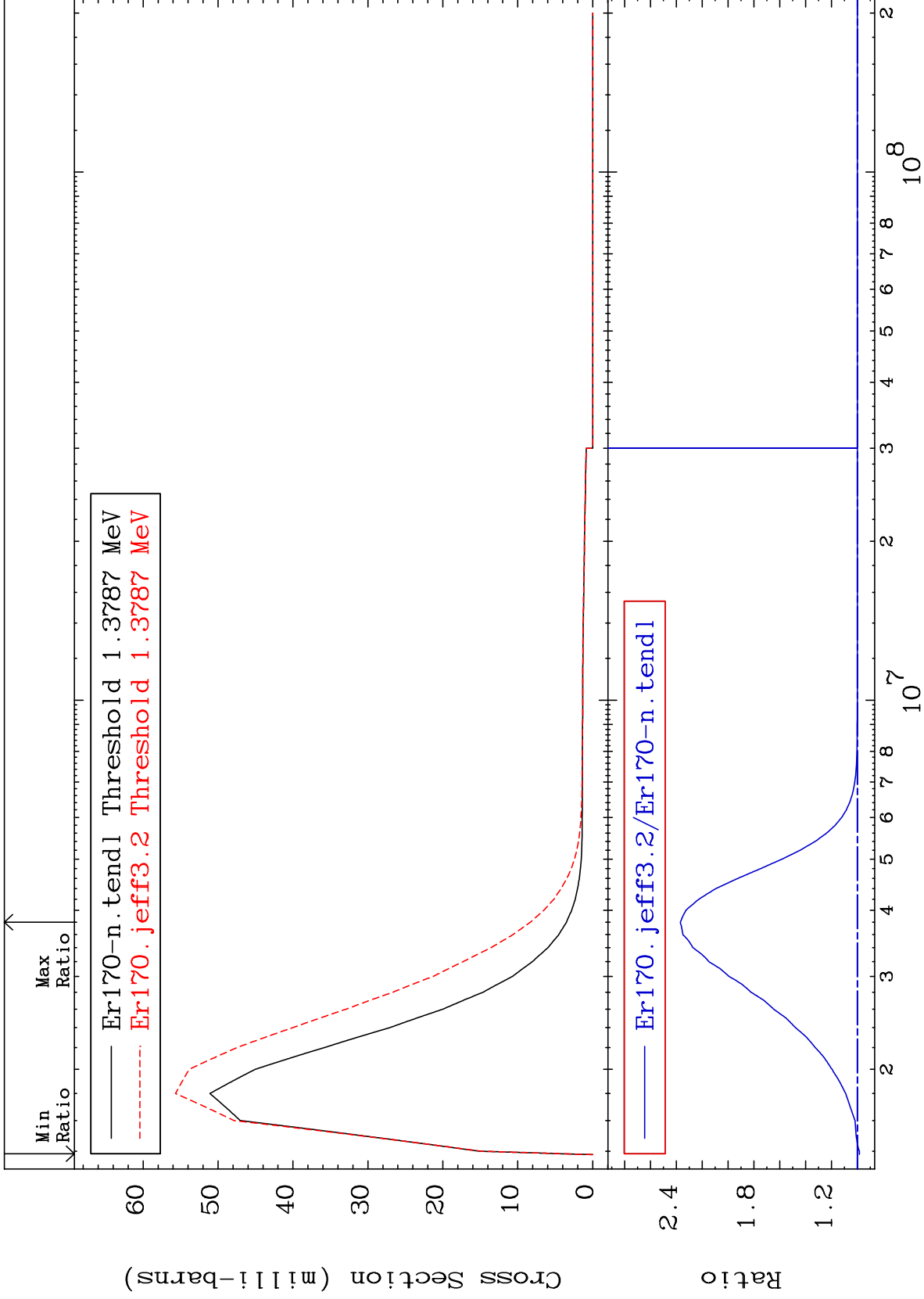




MAT 6849

1.371 MeV (n,n') Level
Cross Section

68-Er-170
-1.659 To 136.9 %



40

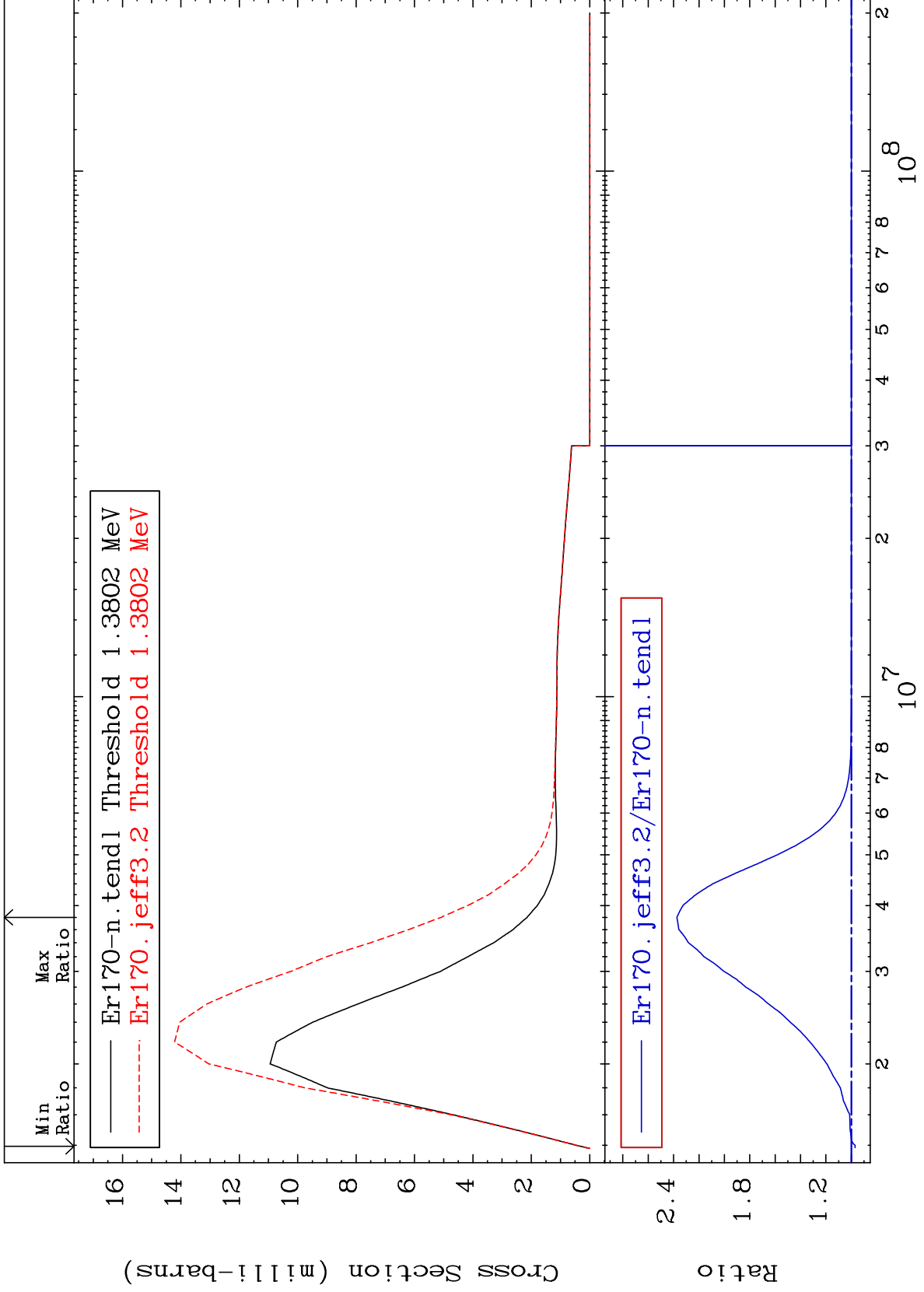
Incident Energy (eV)

68-Er-170

MAT 6849

1.372 MeV (n,n') Level
Cross Section

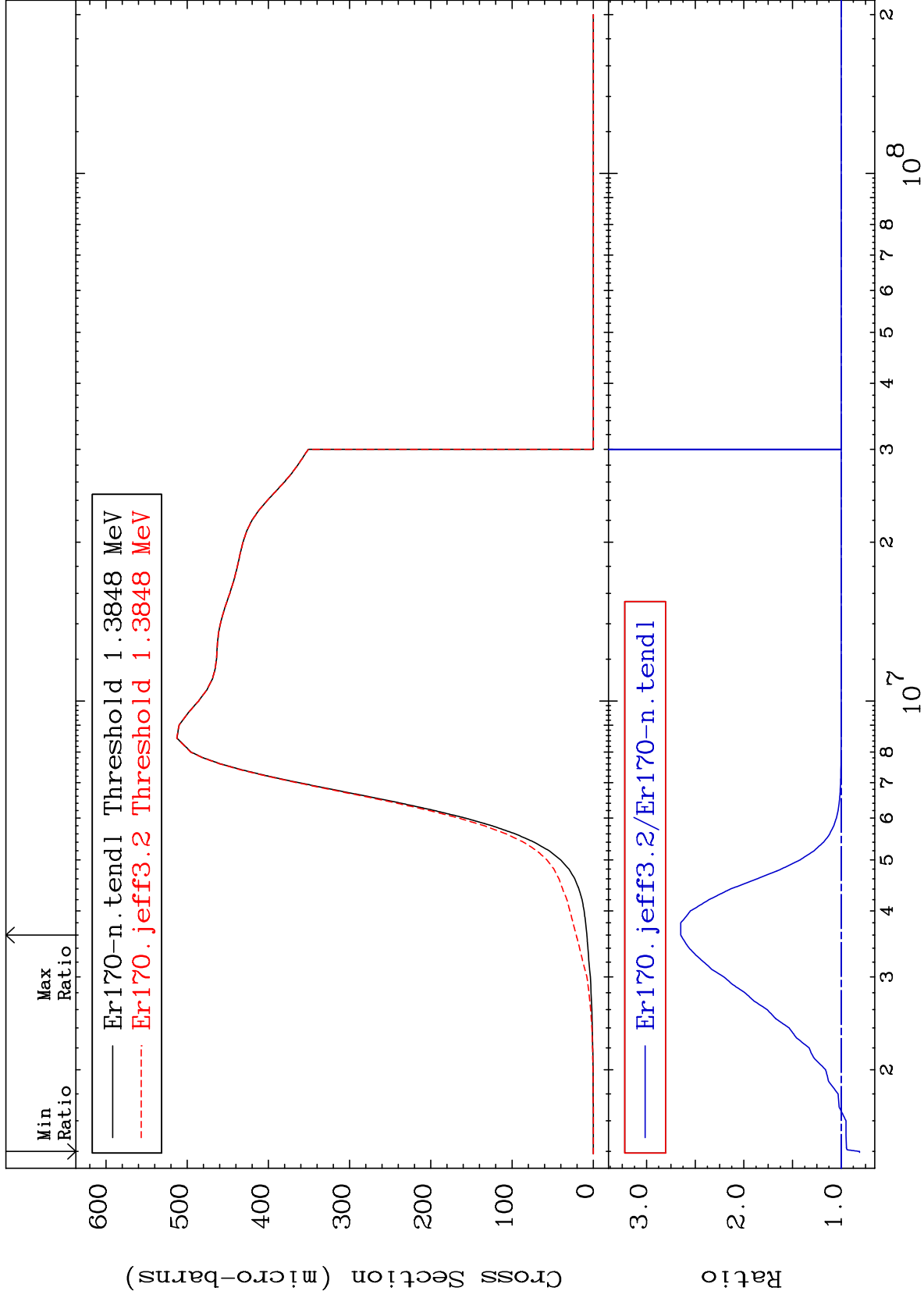
68-Er-170
-2.981 To 137.4 %



MAT 6849

1.377 MeV (n,n') Level
Cross Section

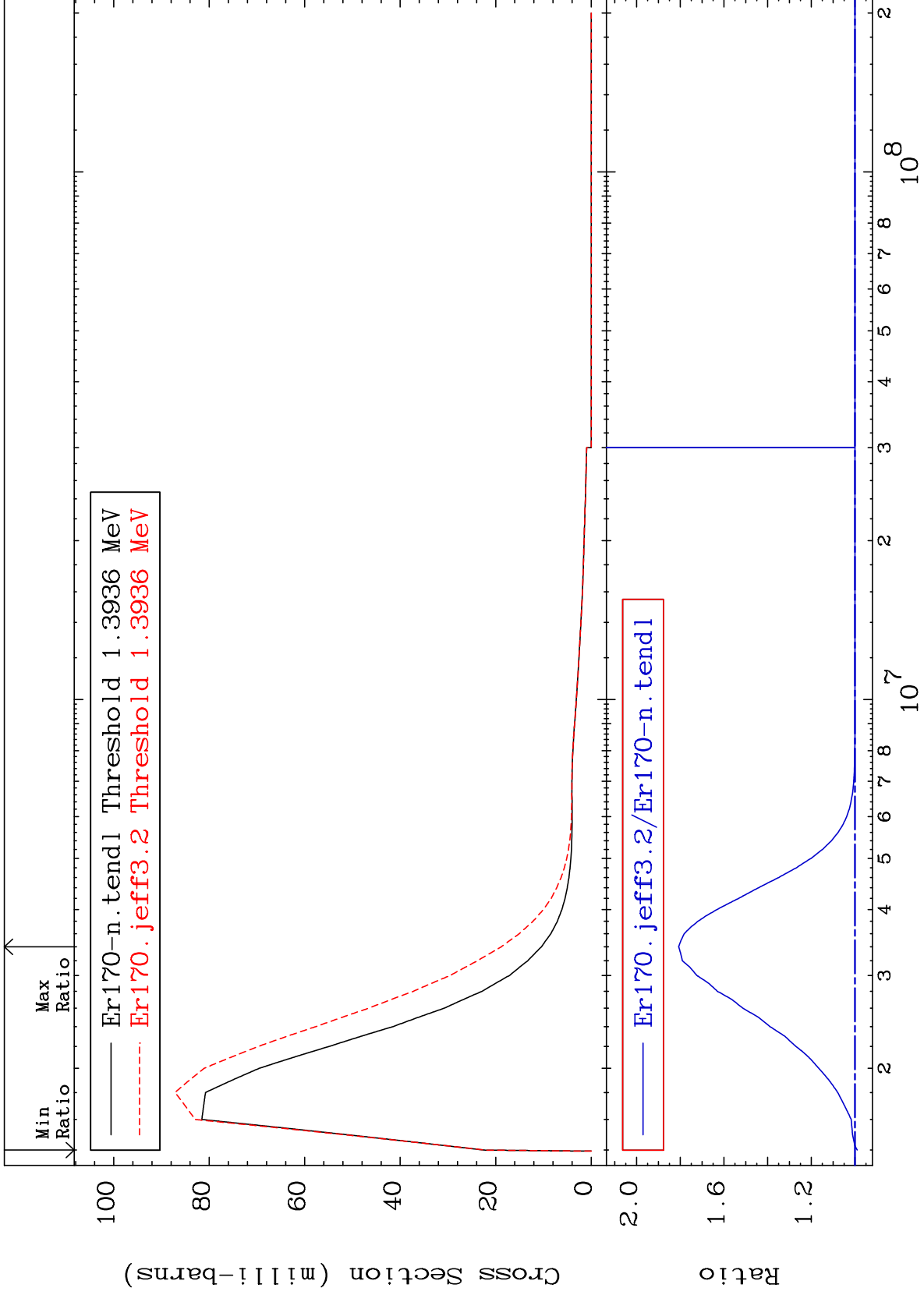
68-Er-170
-18.85 To 164.9 %



MAT 6849

1.385 MeV (n,n') Level
Cross Section

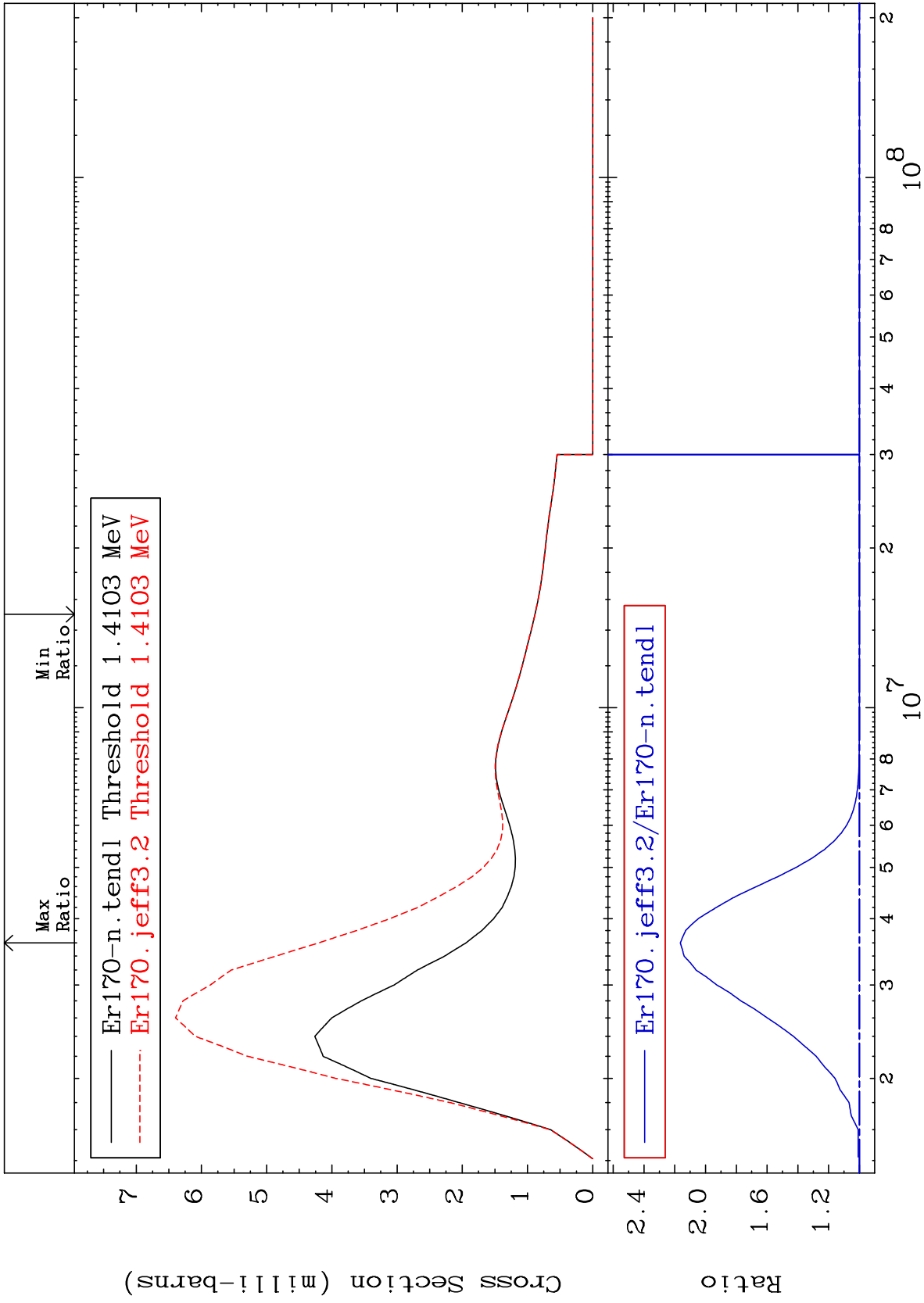
68-Er-170
-1.034 To 80.75 %



MAT 6849

1.402 MeV (n,n') Level
Cross Section

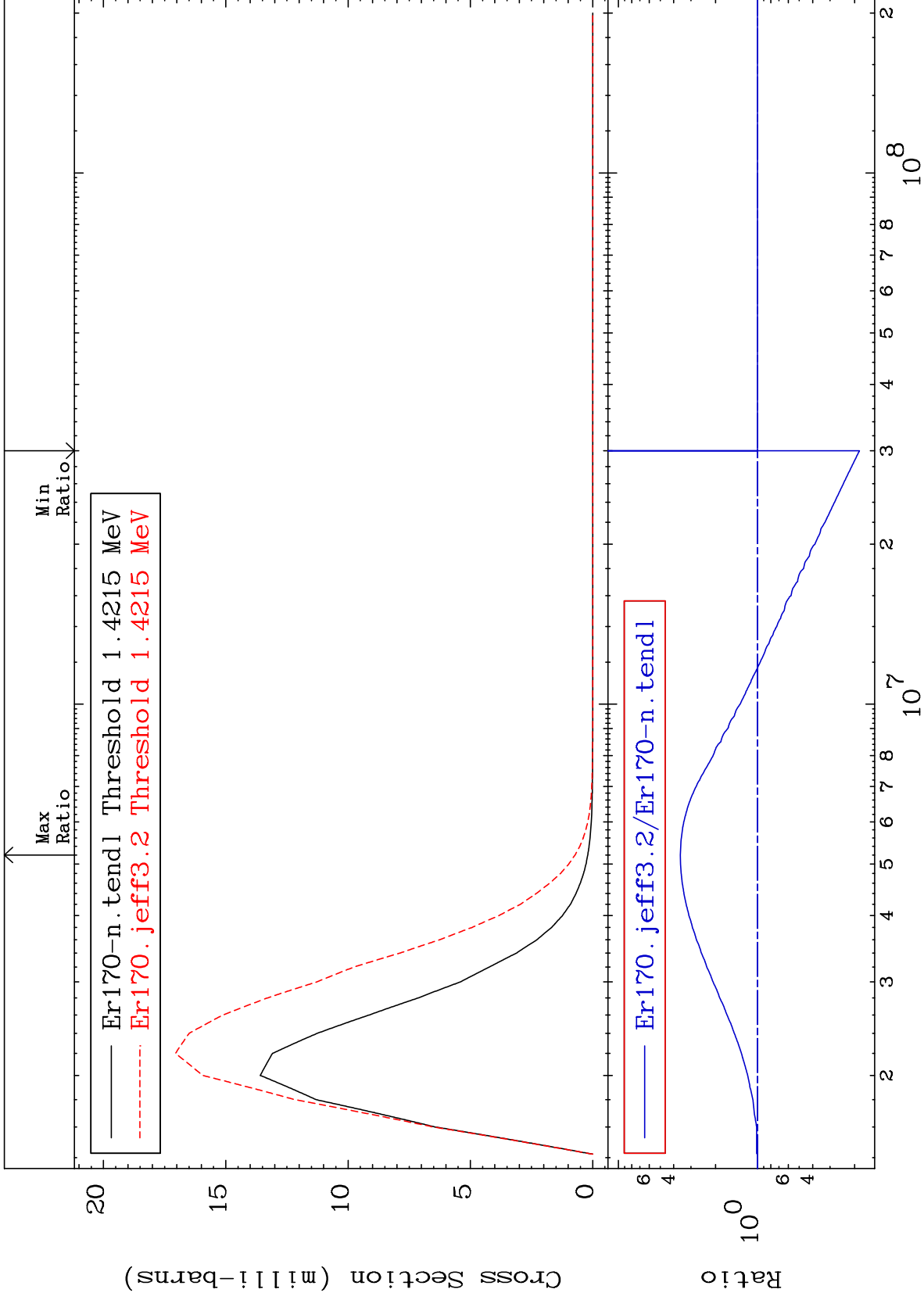
68-Er-170
To 116.4 %



MAT 6849

1.413 MeV (n,n') Level
Cross Section

68-Er-170
-81.55 To 258.1 %



45

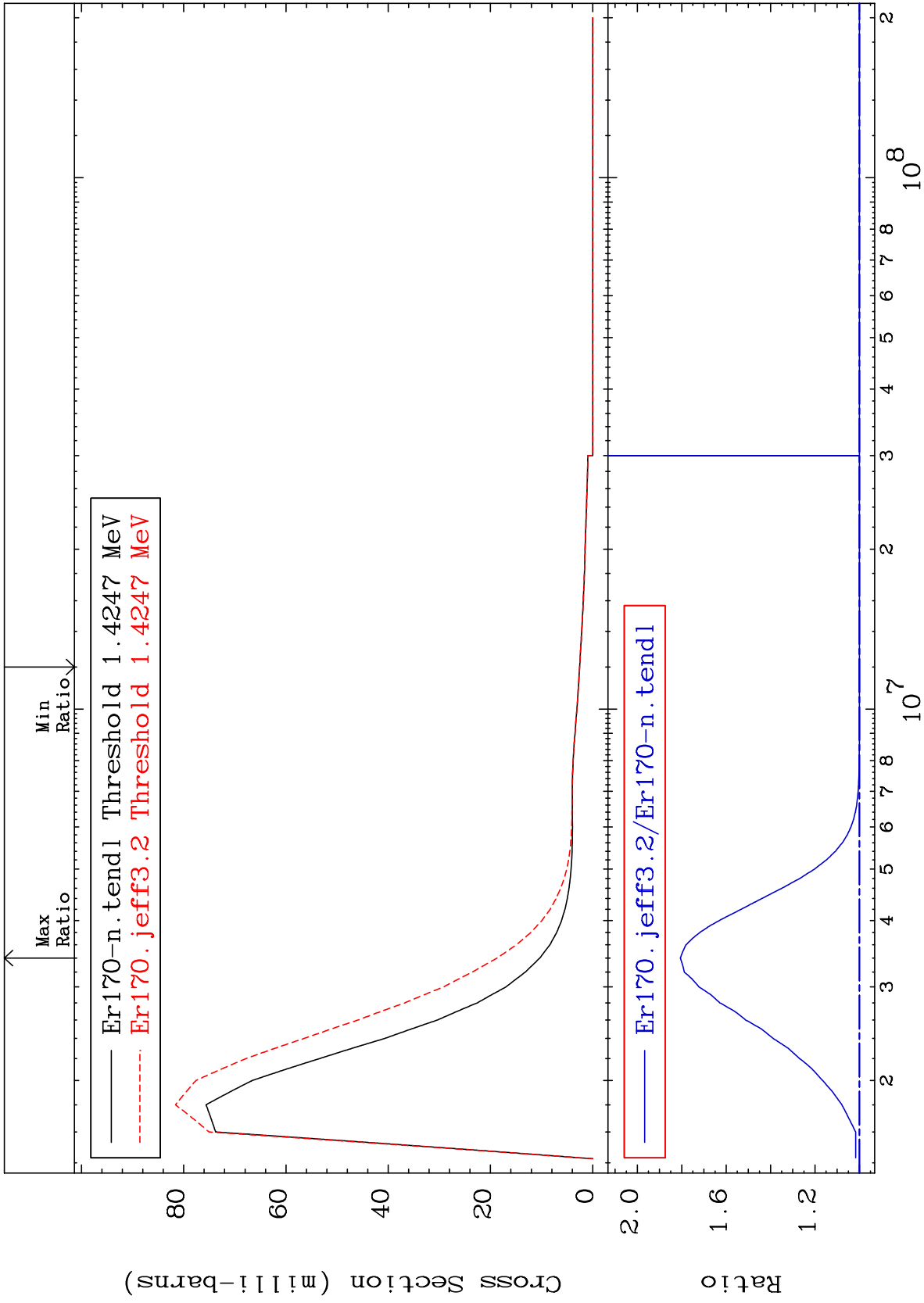
Incident Energy (eV)

68-Er-170

MAT 6849

1.416 MeV (n,n') Level
Cross Section

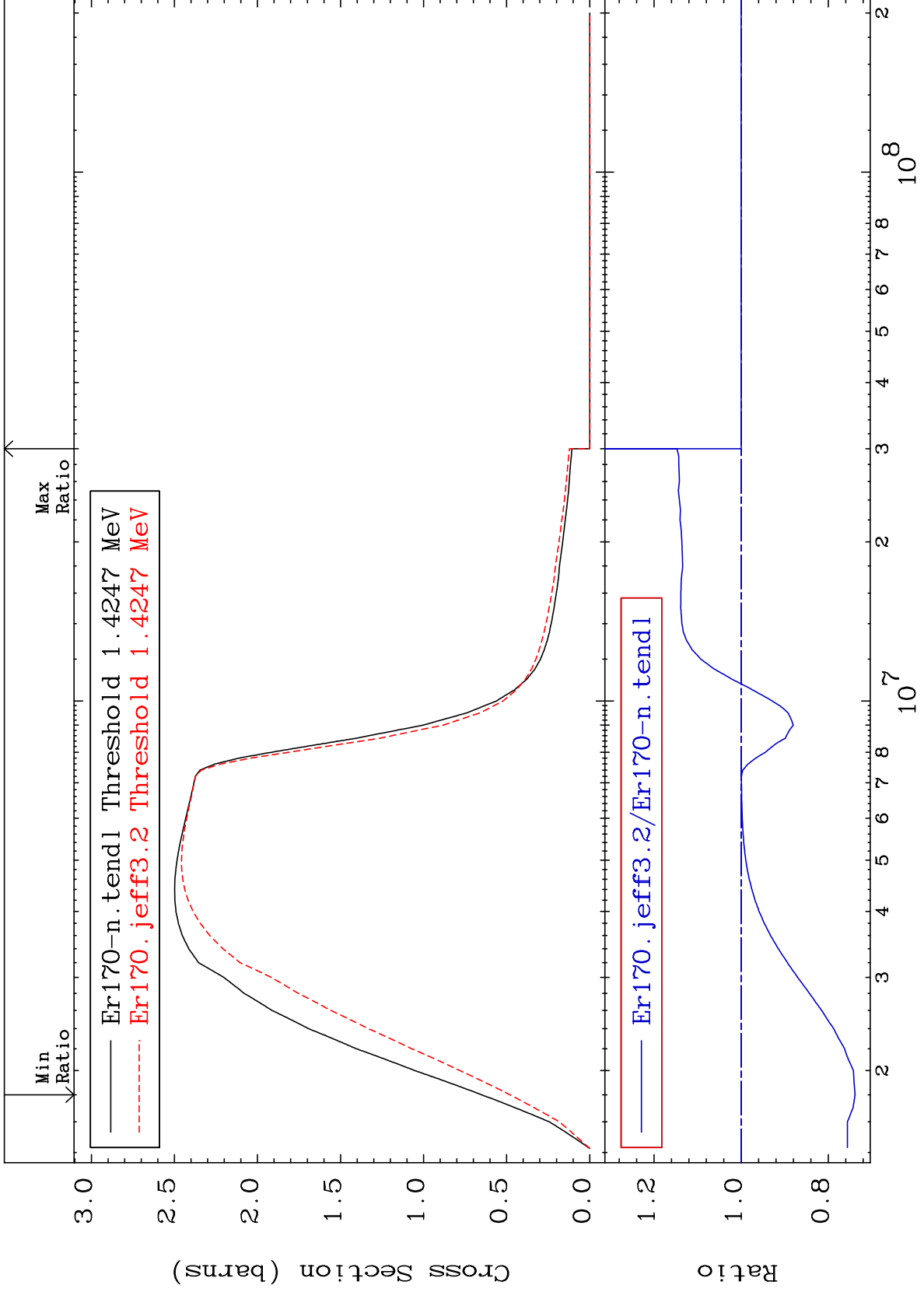
68-Er-170
0.000 To 80.62 %

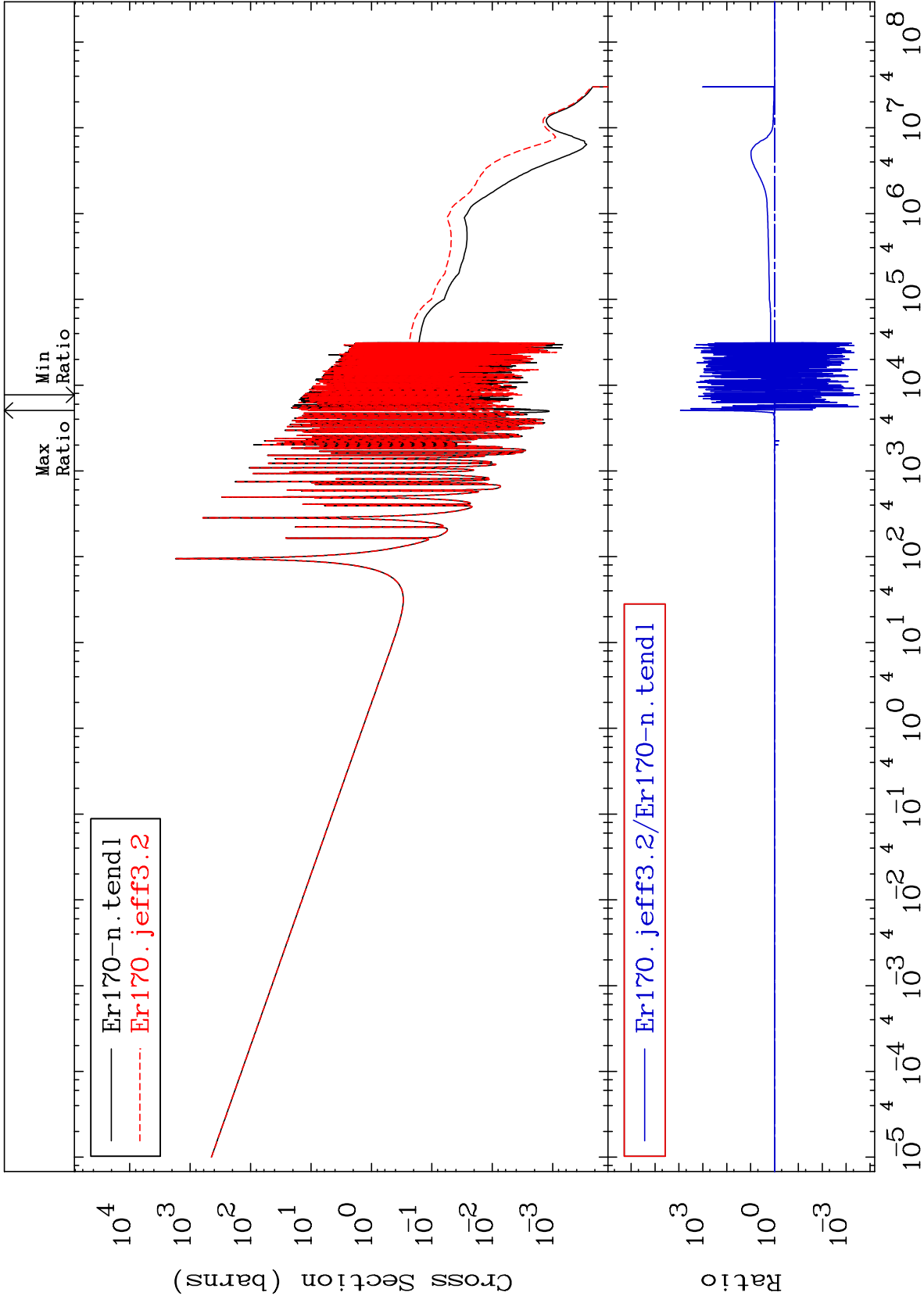


MAT 6849

(n, n') Continuum
Cross Section

68-Er-170
-26.17 To 14.76 %



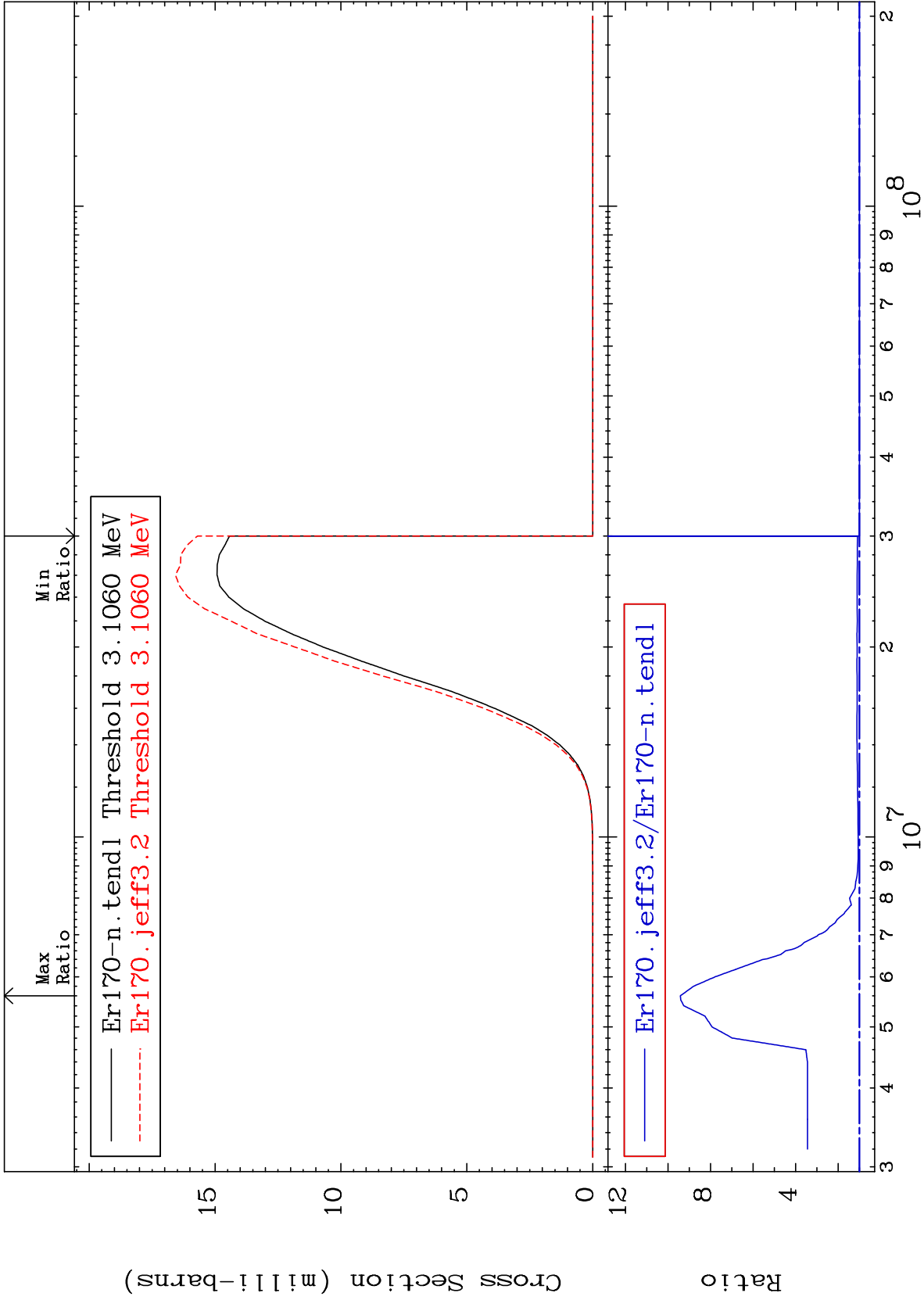


MAT 6849

68-Er-170

0.000 To 842.2 %

(n,p)
Cross Section



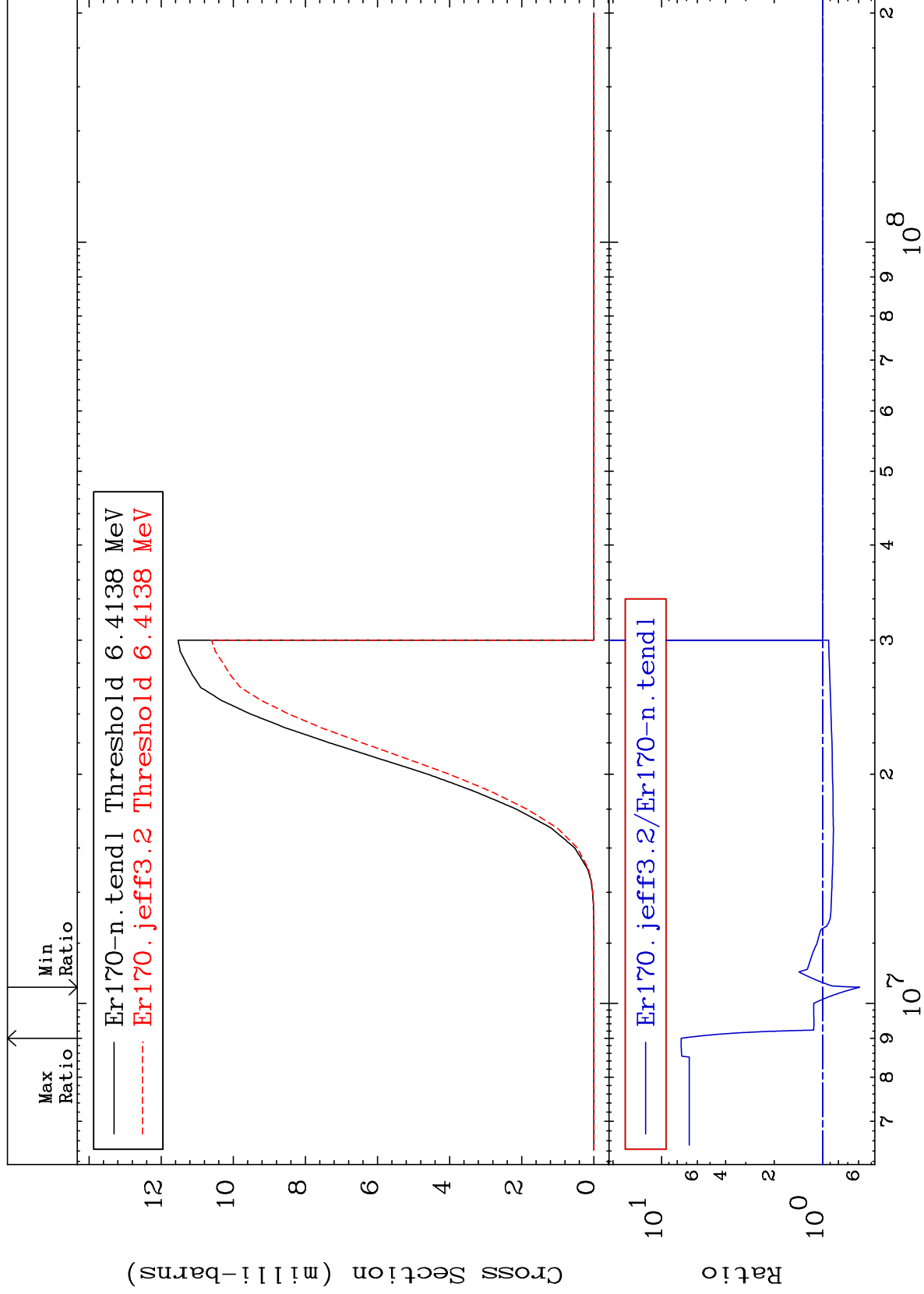
MAT 6849

(n, d)

68-Er-170

Cross Section

-40.97 To 655.3 %



50

Incident Energy (eV)

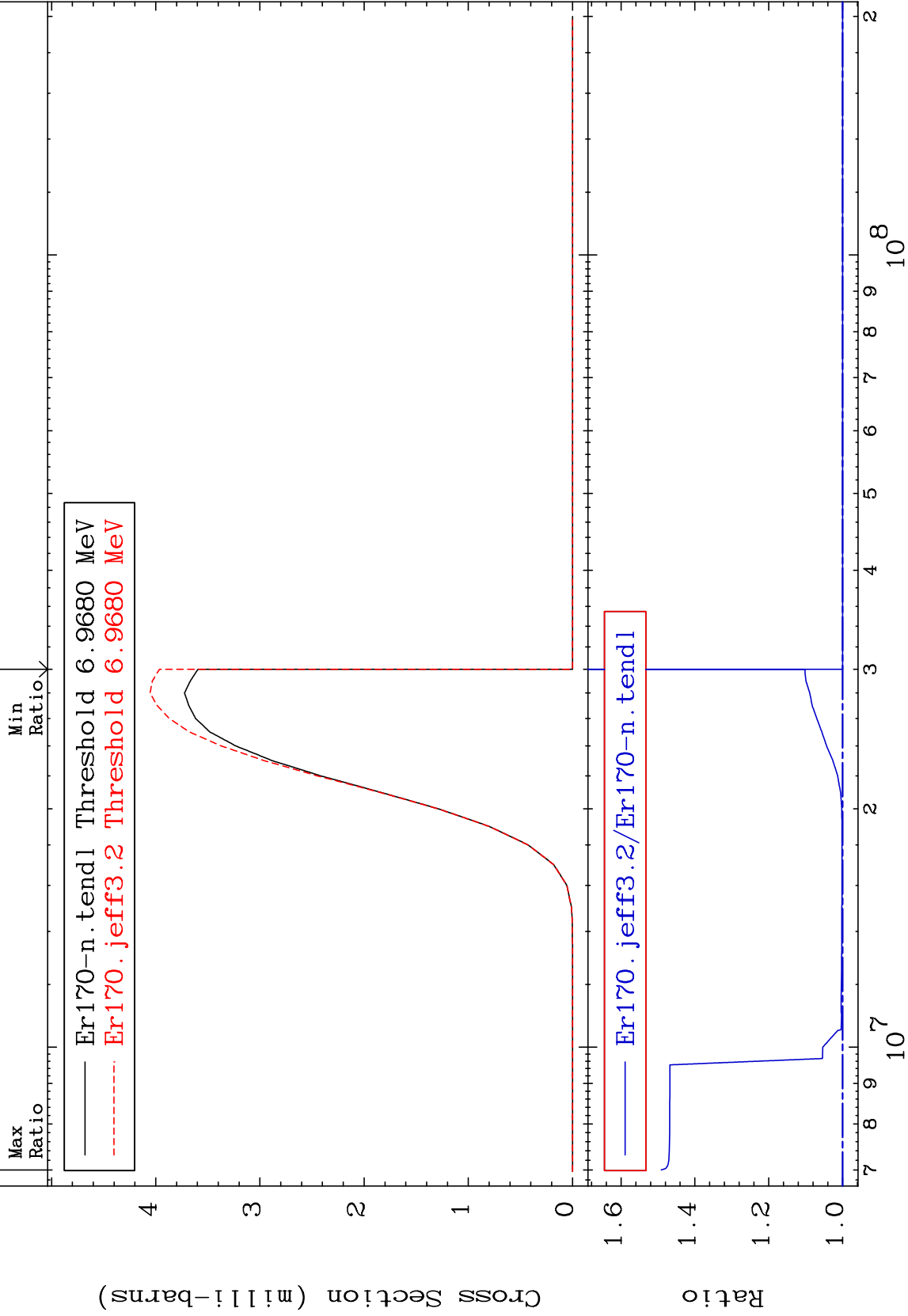
68-Er-170

MAT 6849

68-Er-170

0.000 To 49.10 %

(n, t)
Cross Section



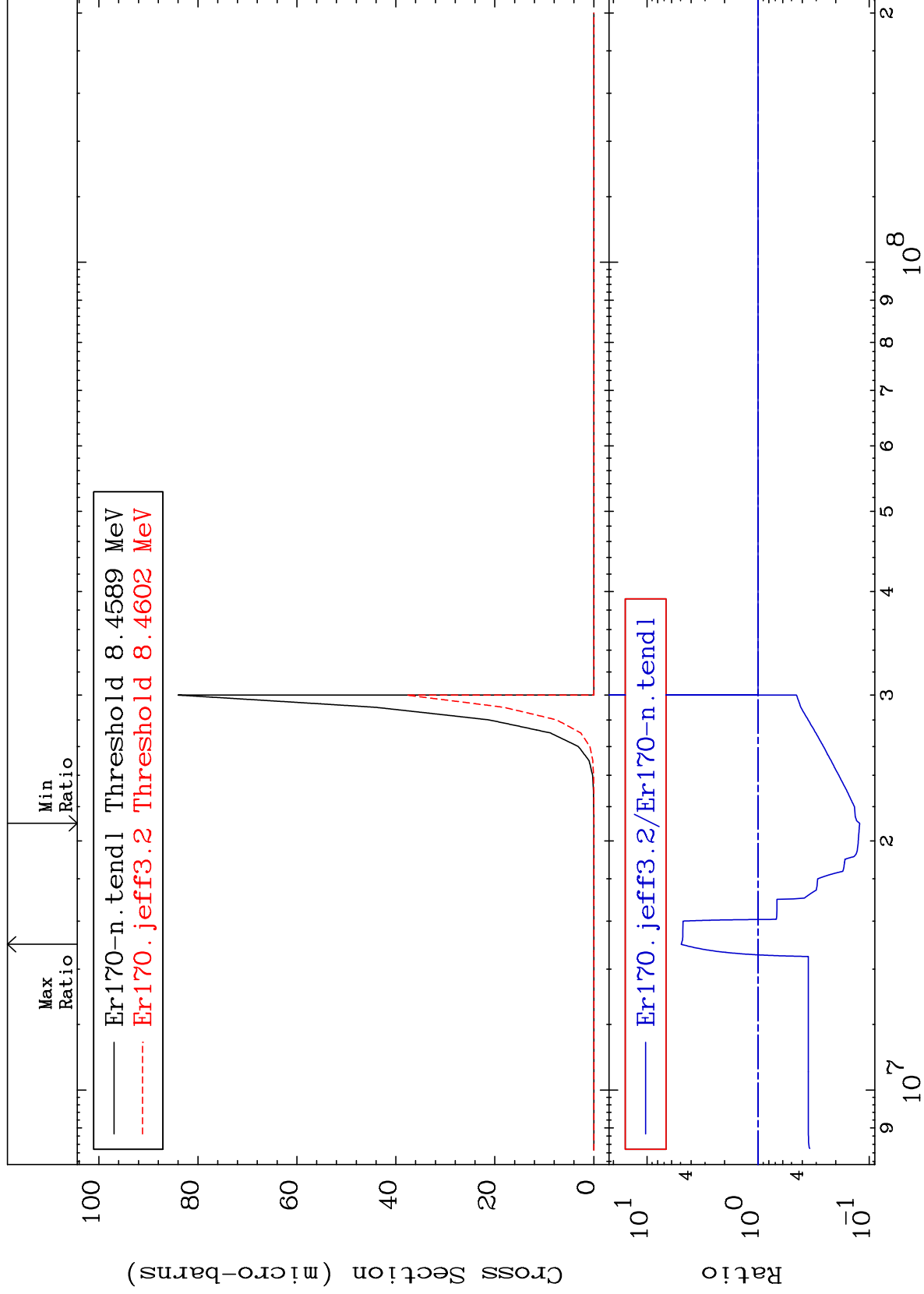
MAT 6849

(n, He-3)

68-Er-170

Cross Section

-87.79 To 392.2 %



52

68-Er-170

68-Er-170

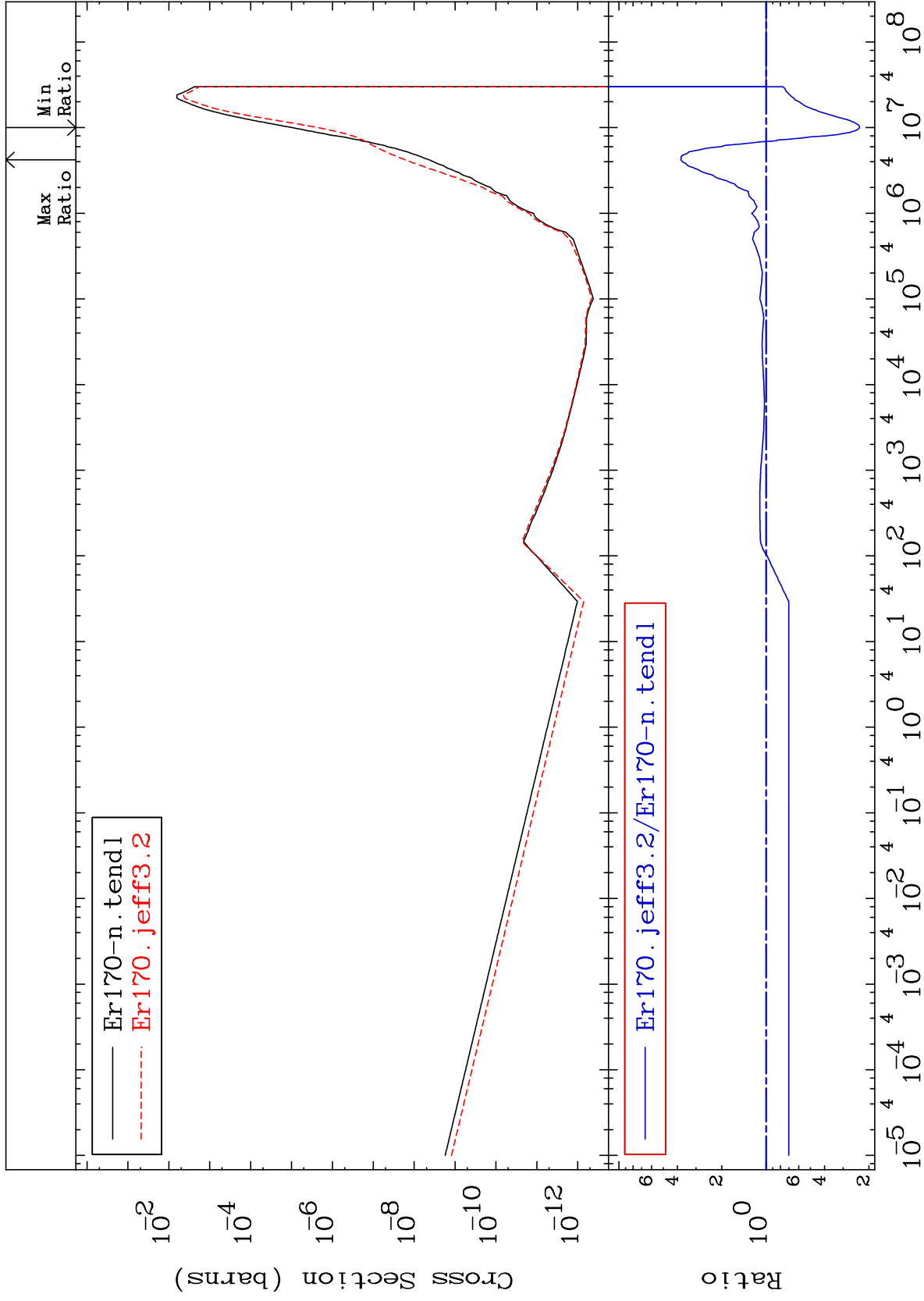
MAT 6849

(n, α)

68-Er-170

Cross Section

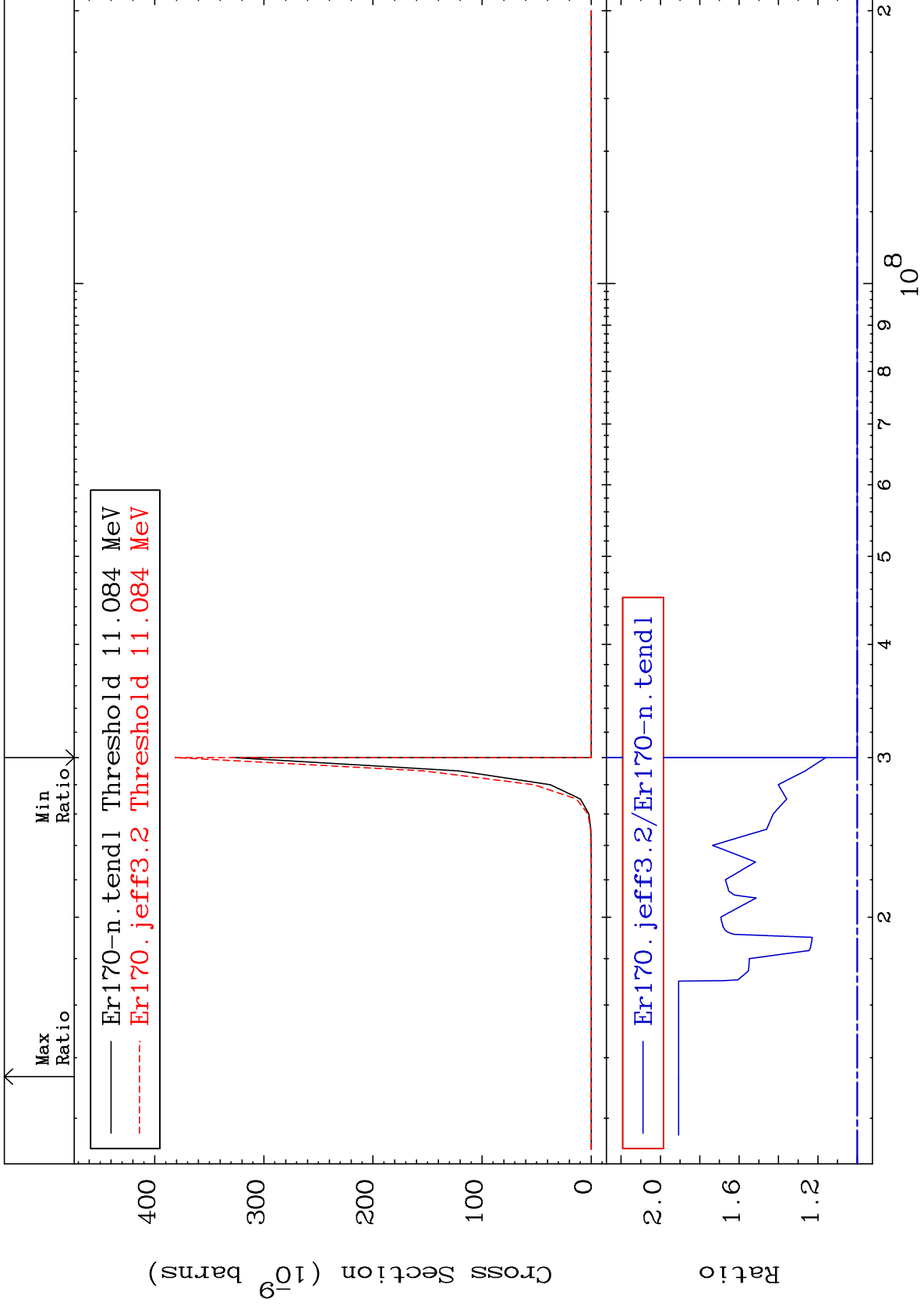
-76.82 To 279.8 %



MAT 6849

(n,2p)
Cross Section

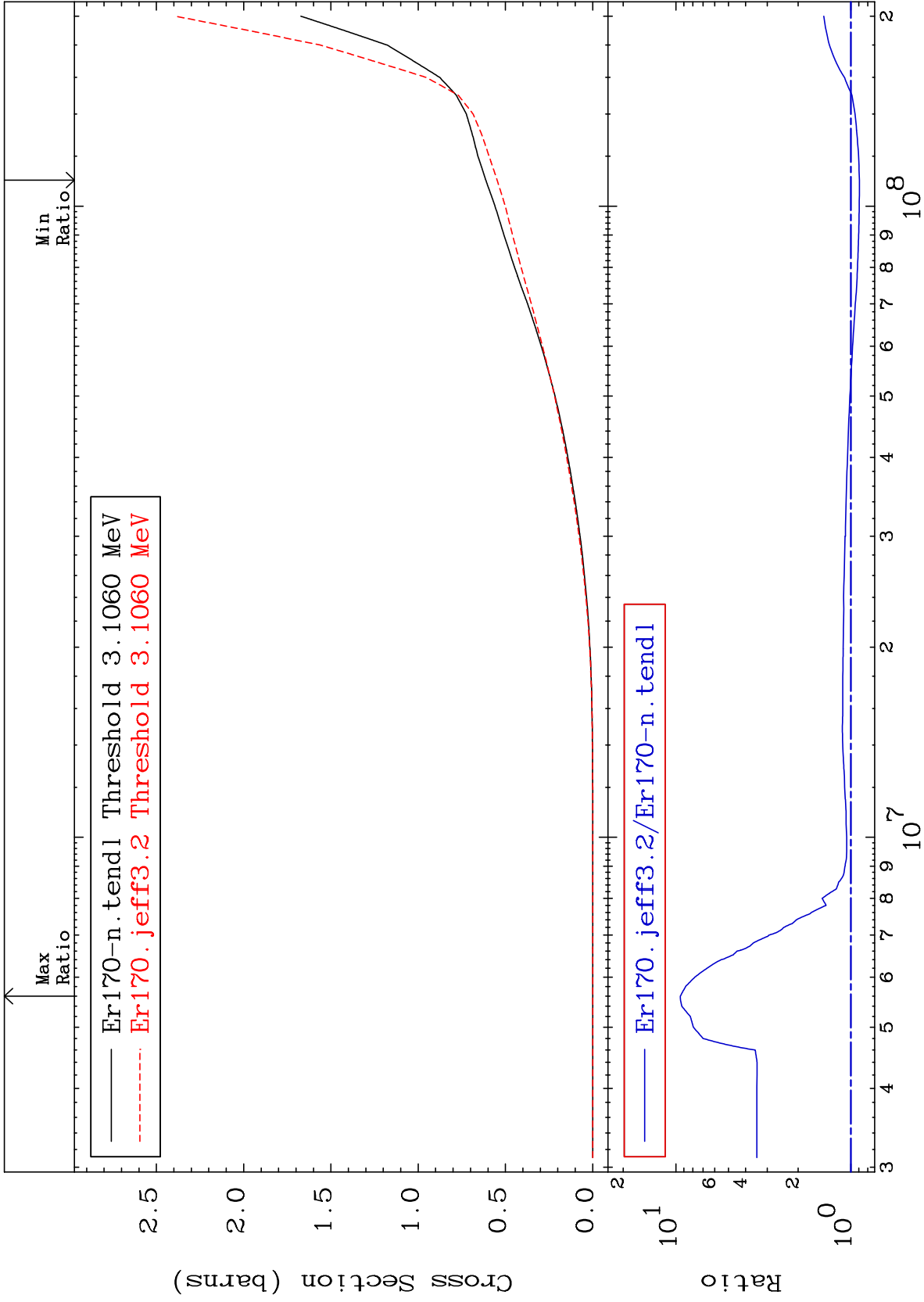
68-Er-170
0.000 To 90.74 %



MAT 6849

Hydrogen Production
Cross Section

68-Er-170
-10.63 To 842.2 %



55

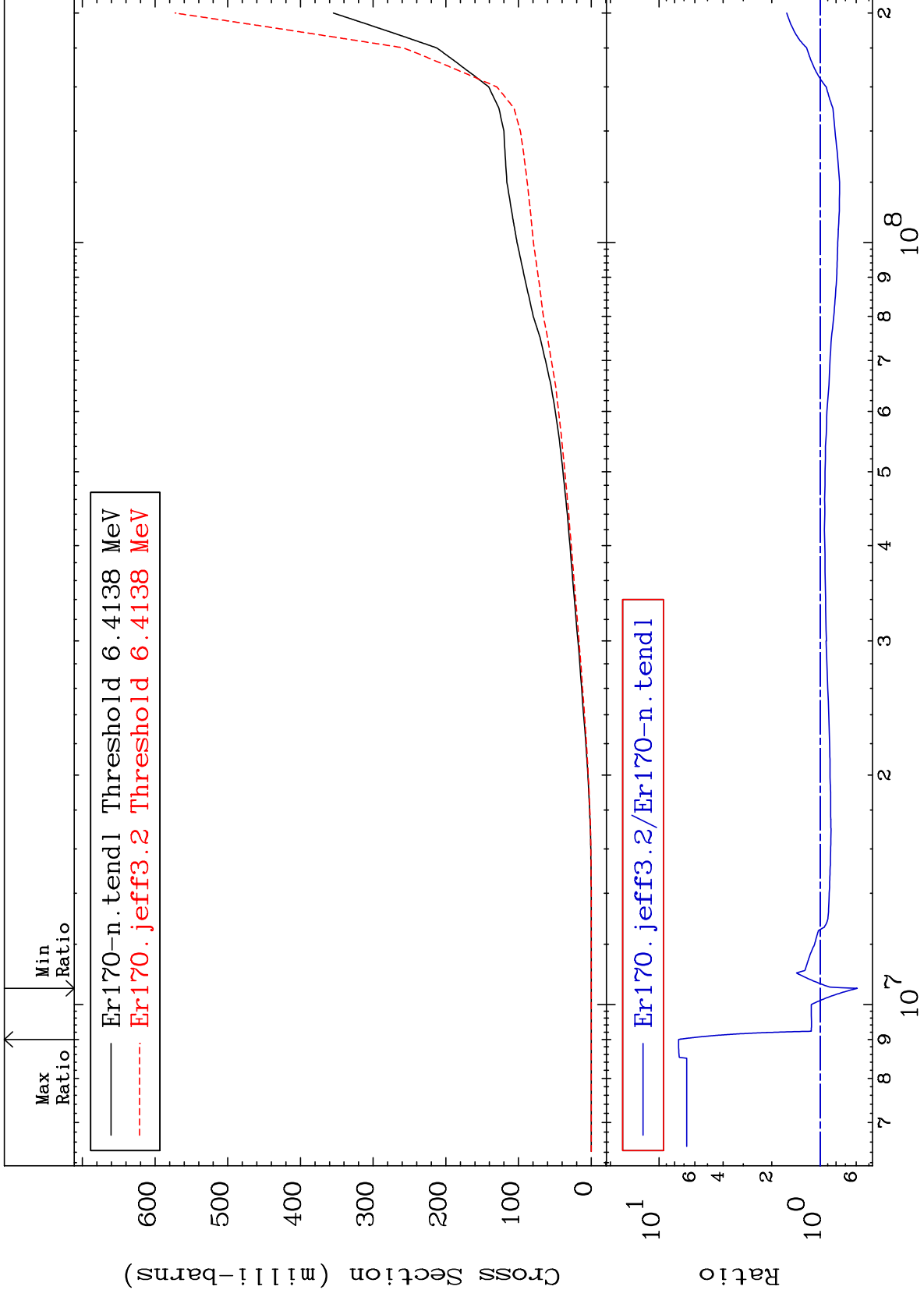
Incident Energy (eV)

68-Er-170

MAT 6849

Deuterium Production
Cross Section

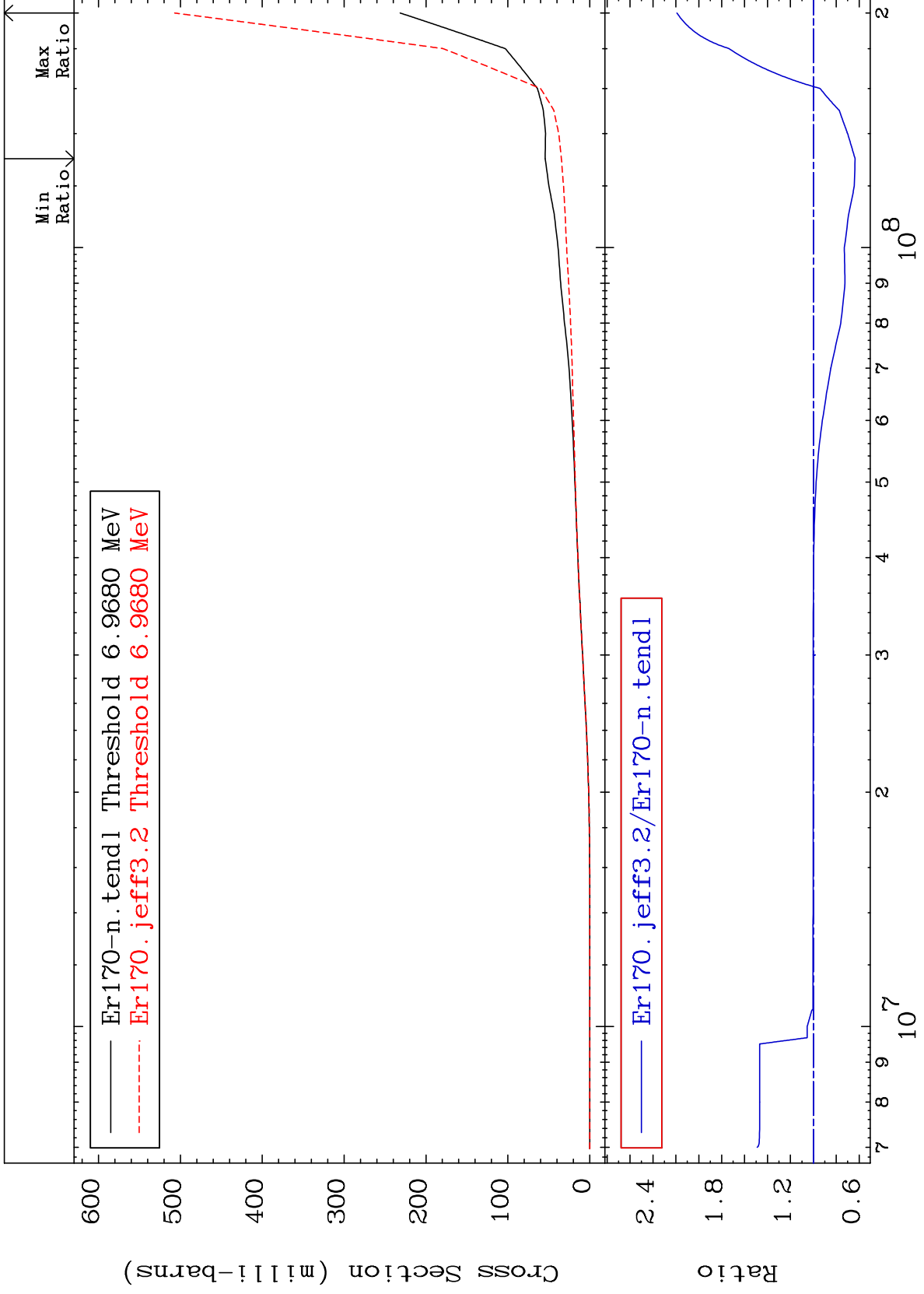
68-Er-170
-40.97 To 655.3 %



MAT 6849

Tritium Production
Cross Section

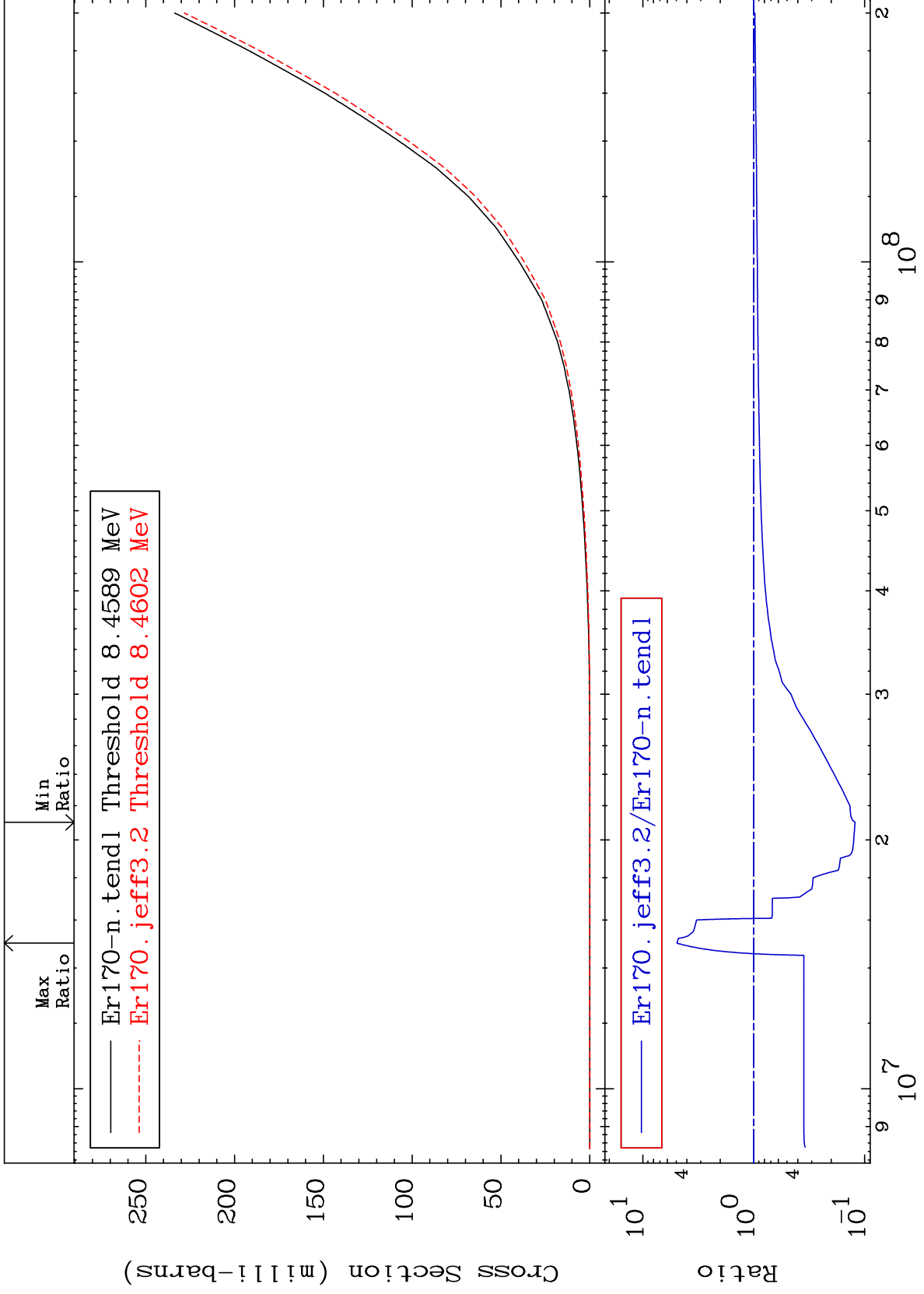
68-Er-170
-36.43 To 119.1 %



MAT 6849

He-3 Production
Cross Section

68-Er-170
-87.79 To 392.2 %



58

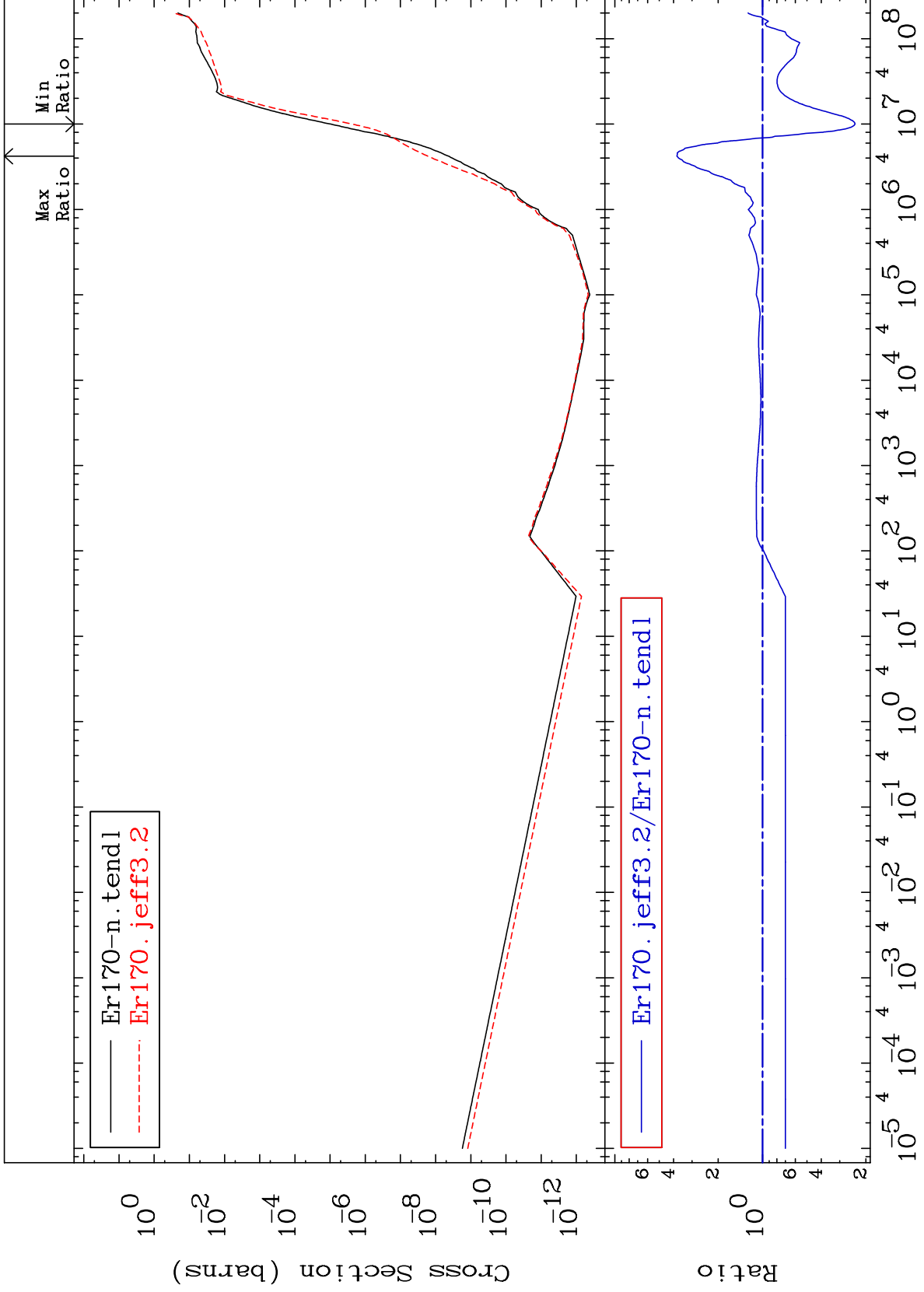
Incident Energy (eV)

68-Er-170

MAT 6849

He-4 Production
Cross Section

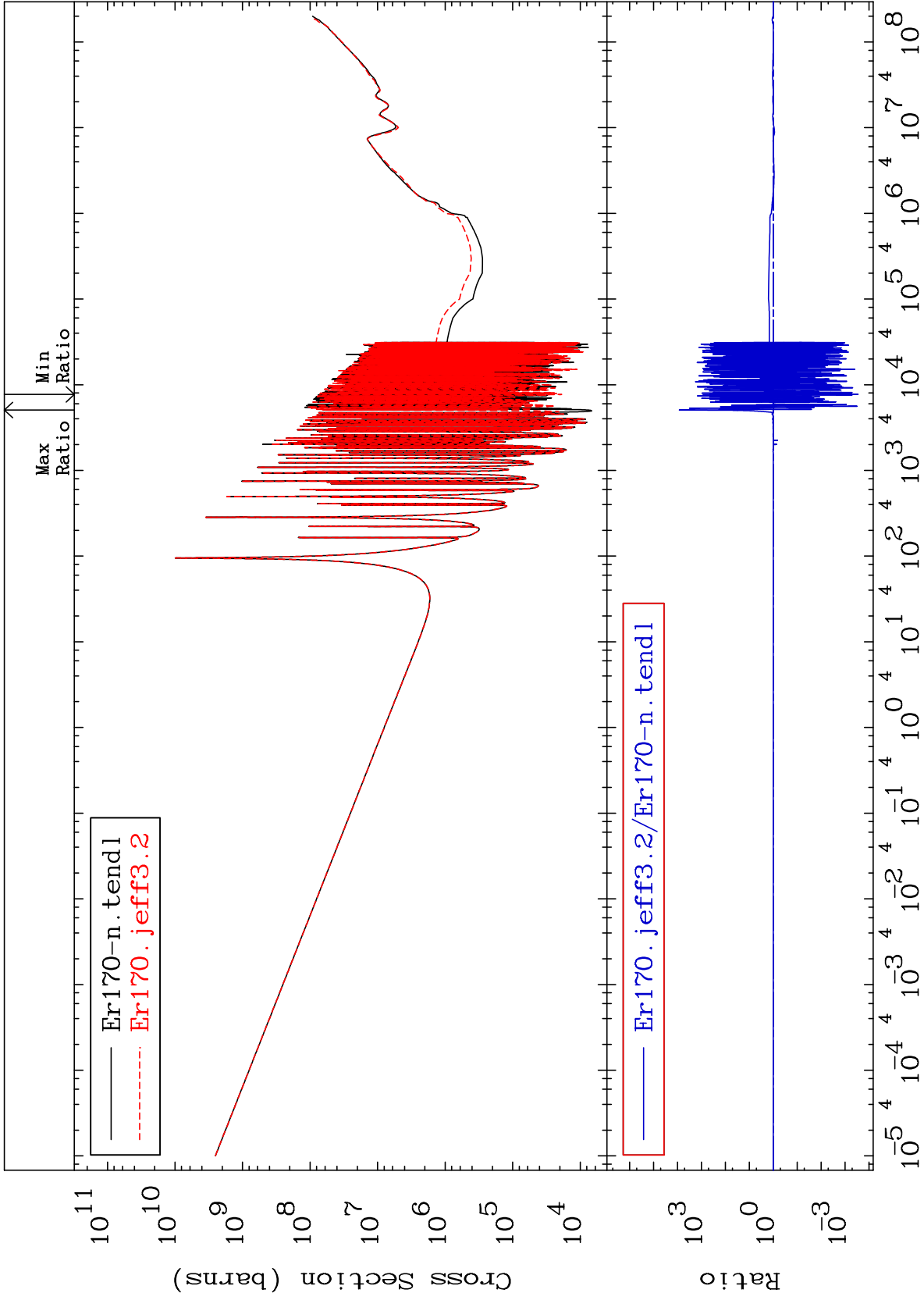
68-Er-170
-76.37 To 279.8 %



MAT 6849

Kerma total (eV-barns)
Cross Section

68-Er-170
-99.97 To 9999. %



60

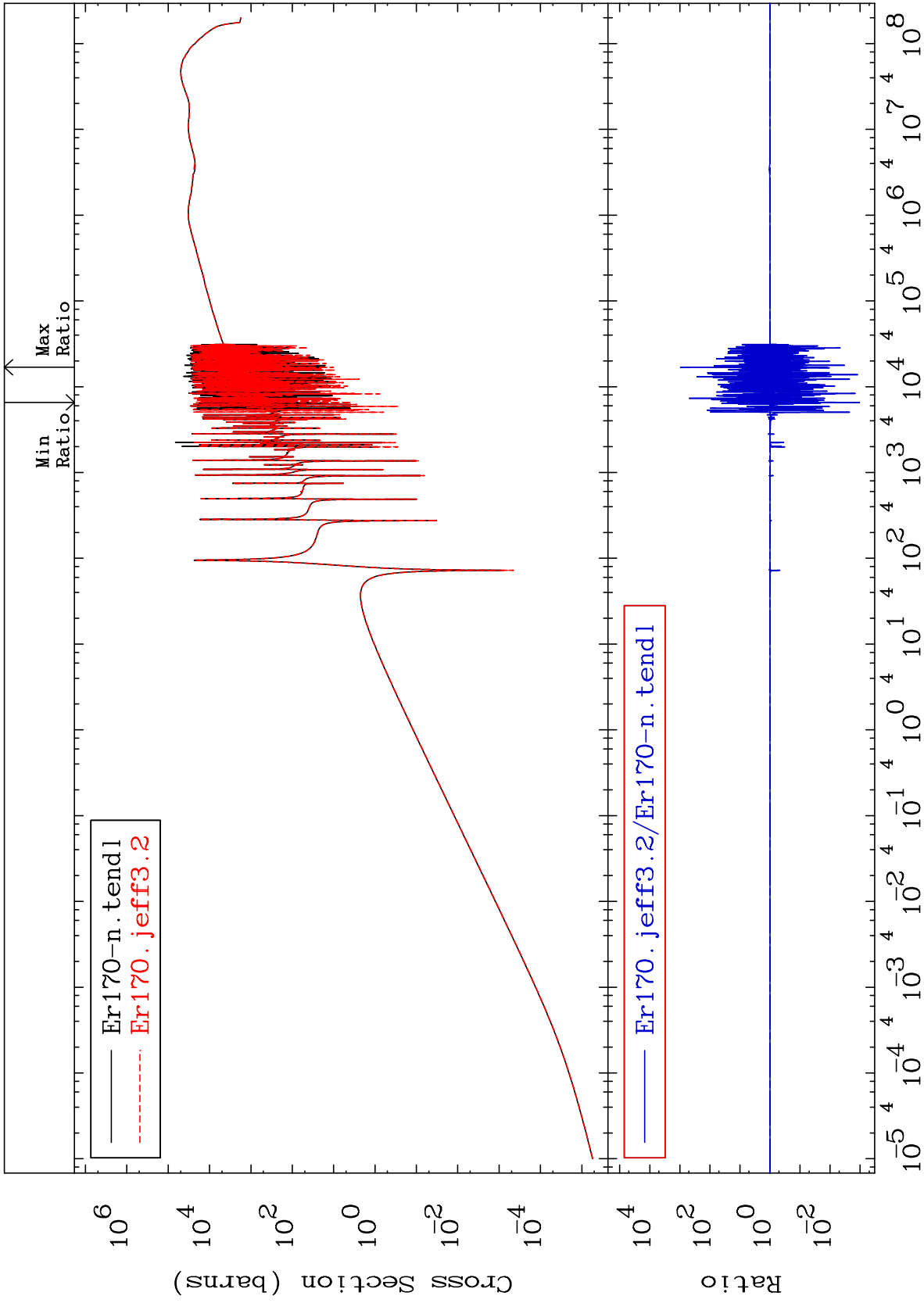
Incident Energy (eV)

68-Er-170

MAT 6849

Kerma elastic
Cross Section

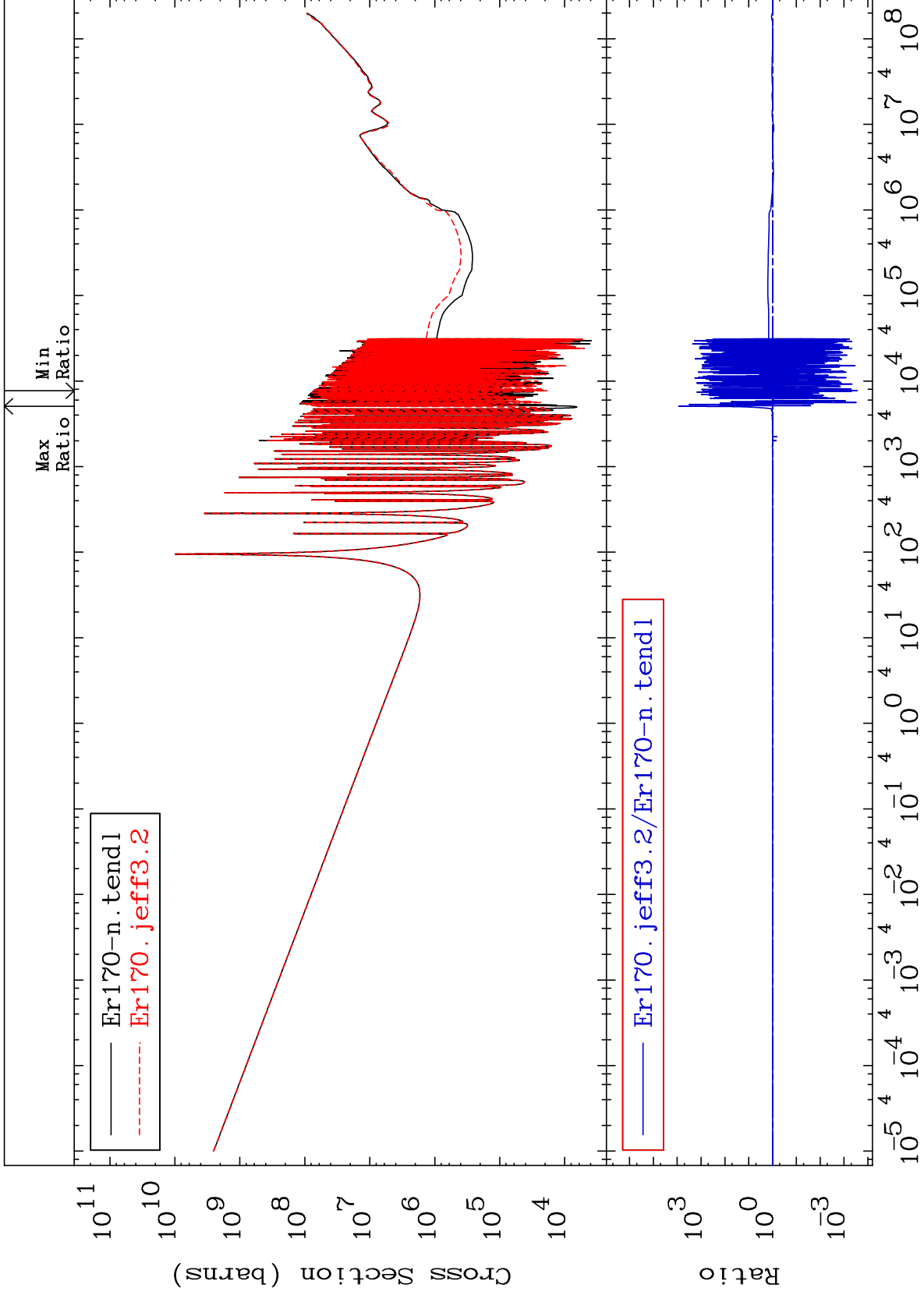
68-Er-170
-99.89 To 9999. %



MAT 6849

Kerma non-elastic (all but mt2)
Cross Section

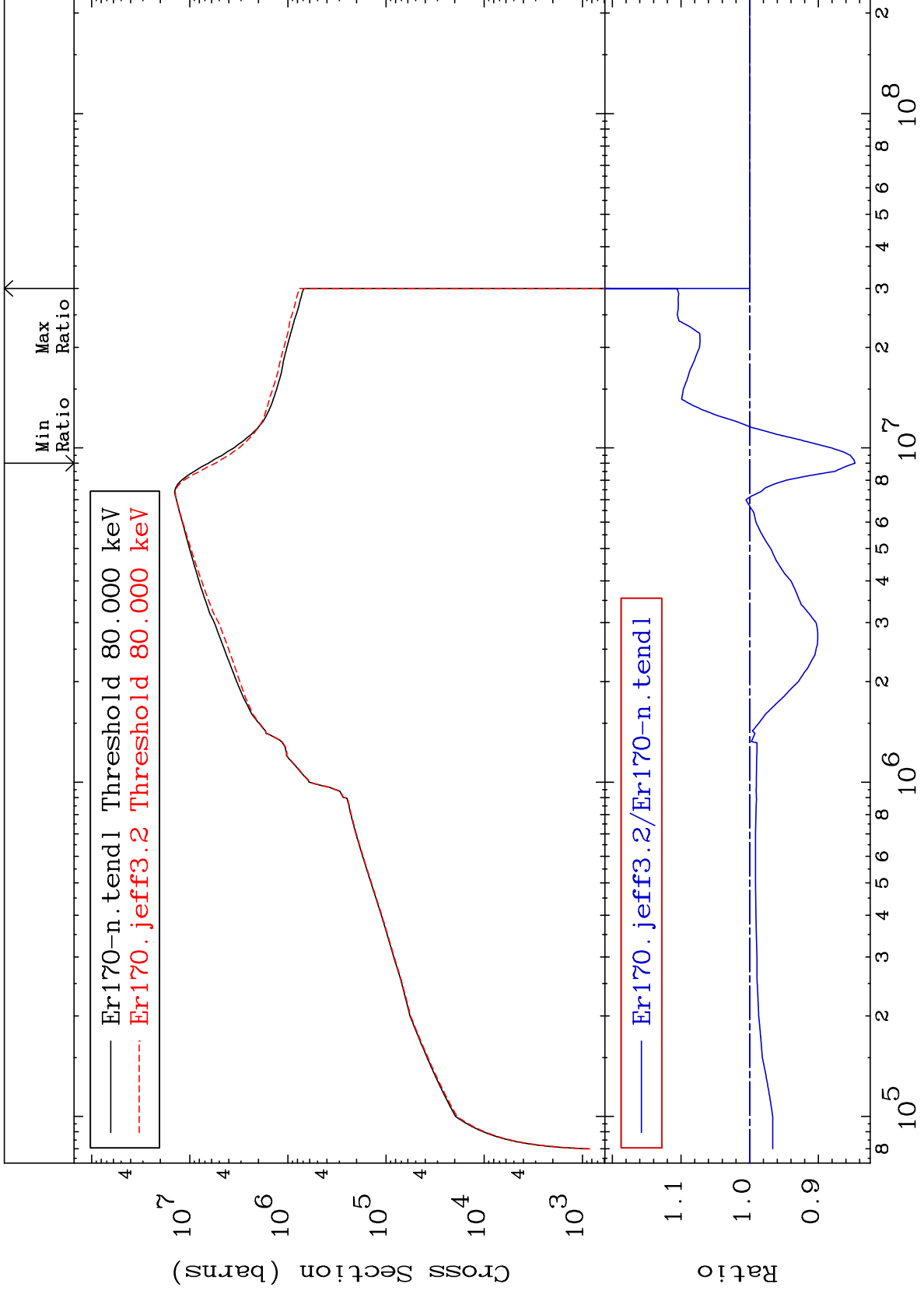
68-Er-170
-99.97 To 9999. %



62

Incident Energy (eV)

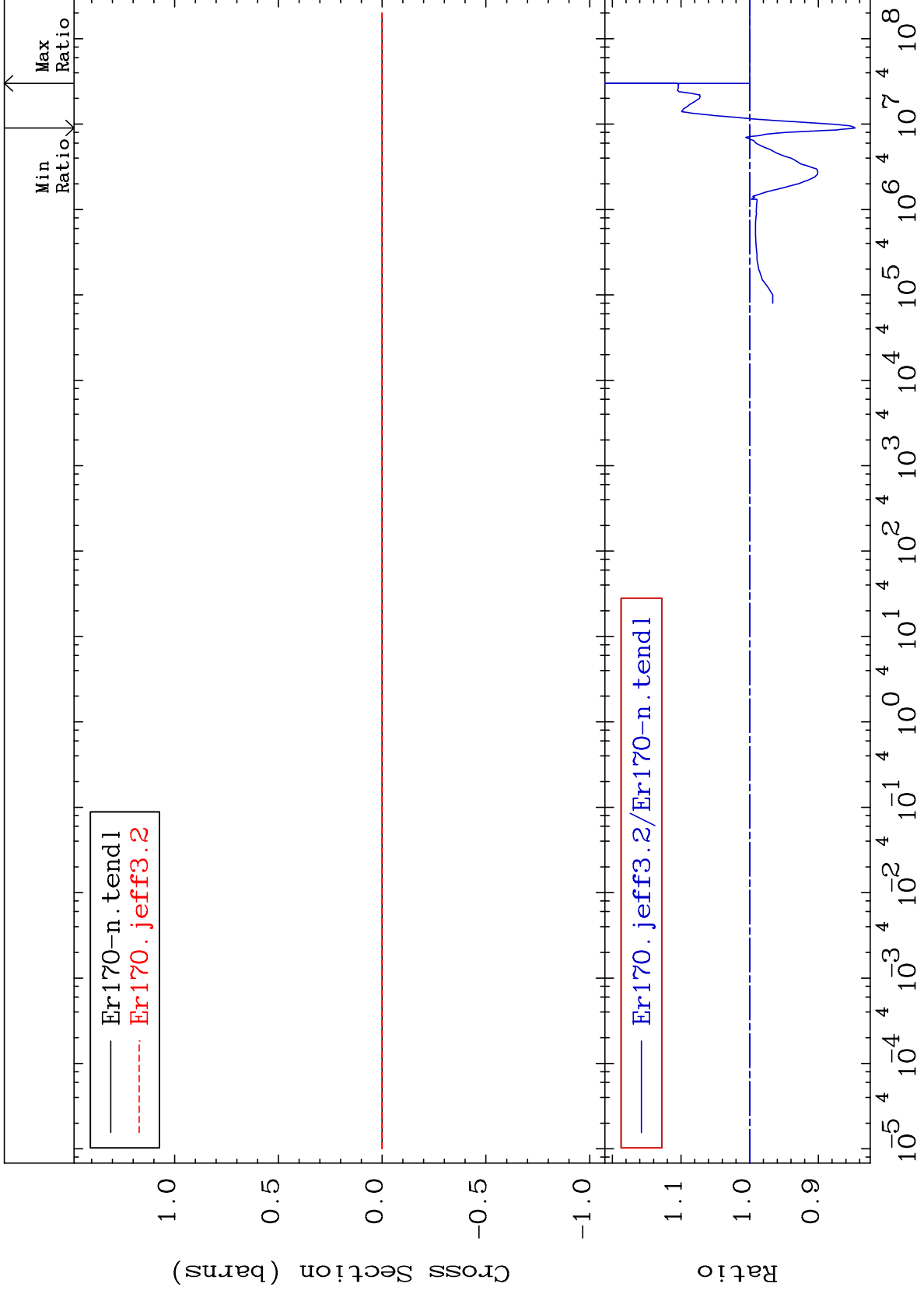
68-Er-170



MAT 6849

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

68-Er-170
-15.34 To 10.60 %



64

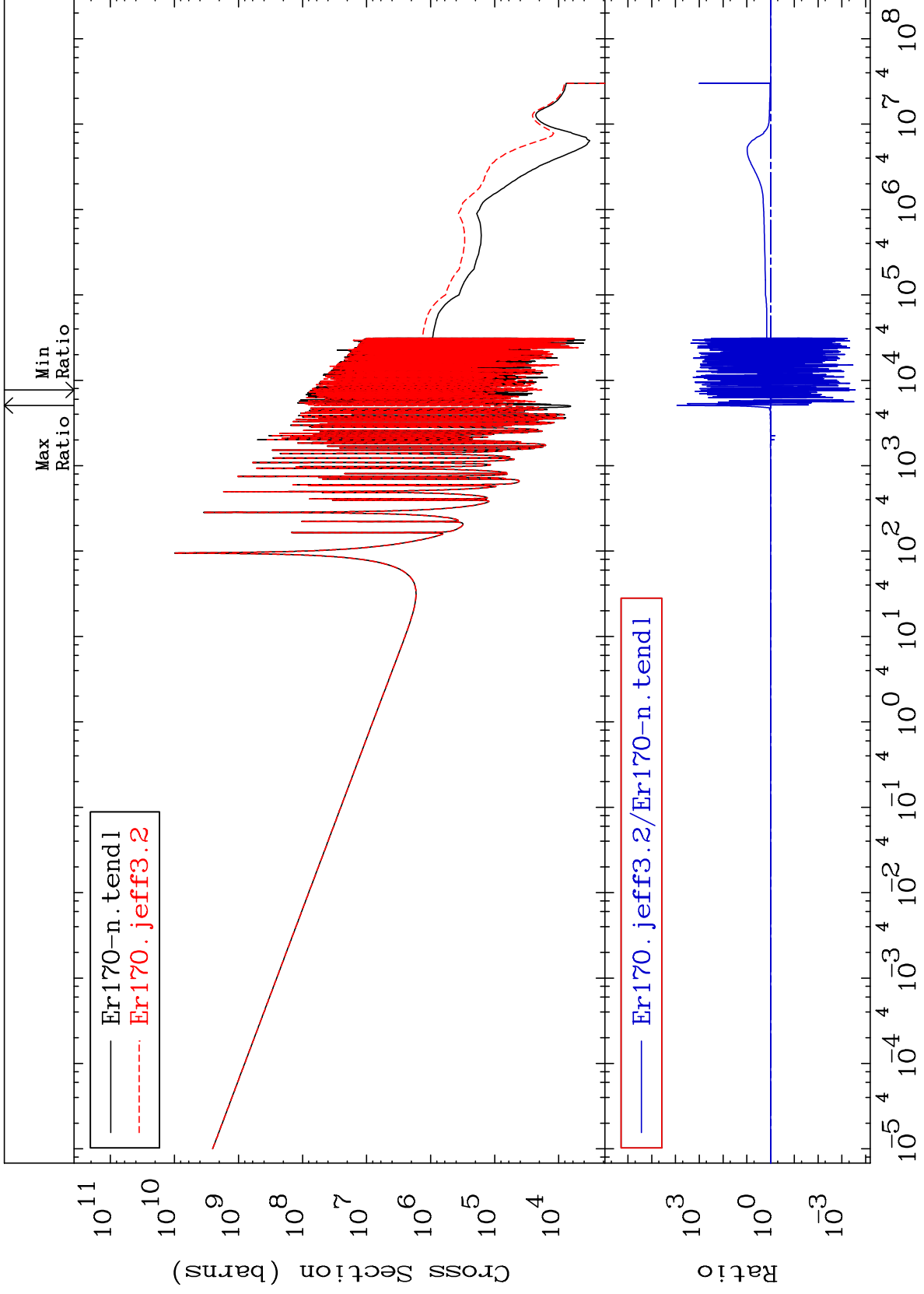
Incident Energy (eV)

68-Er-170

MAT 6849

Kerma capture (mt102)
Cross Section

68-Er-170
-99.97 To 9999. %



65

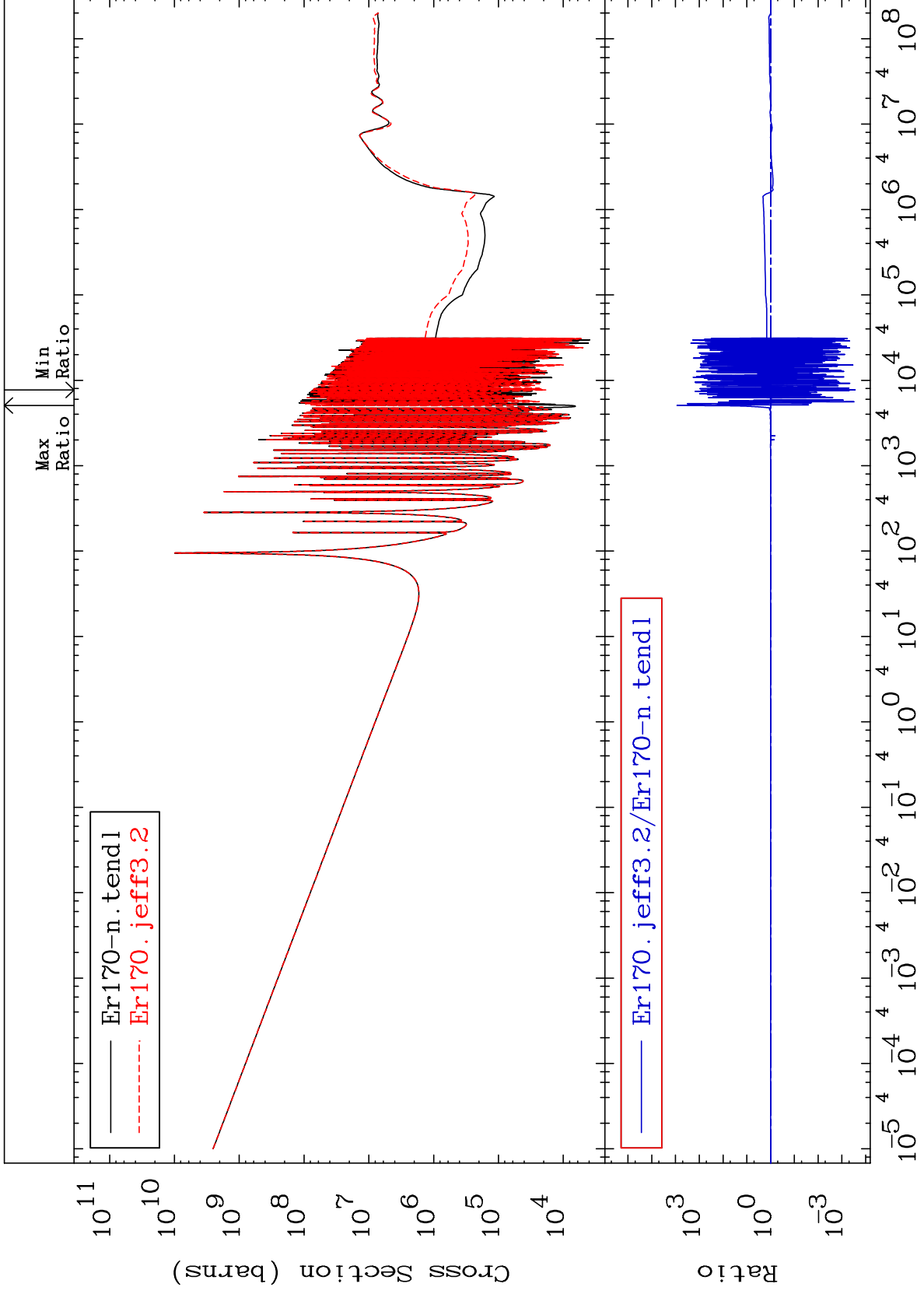
Incident Energy (eV)

68-Er-170

MAT 6849

Total photon (eV-barns)
Cross Section

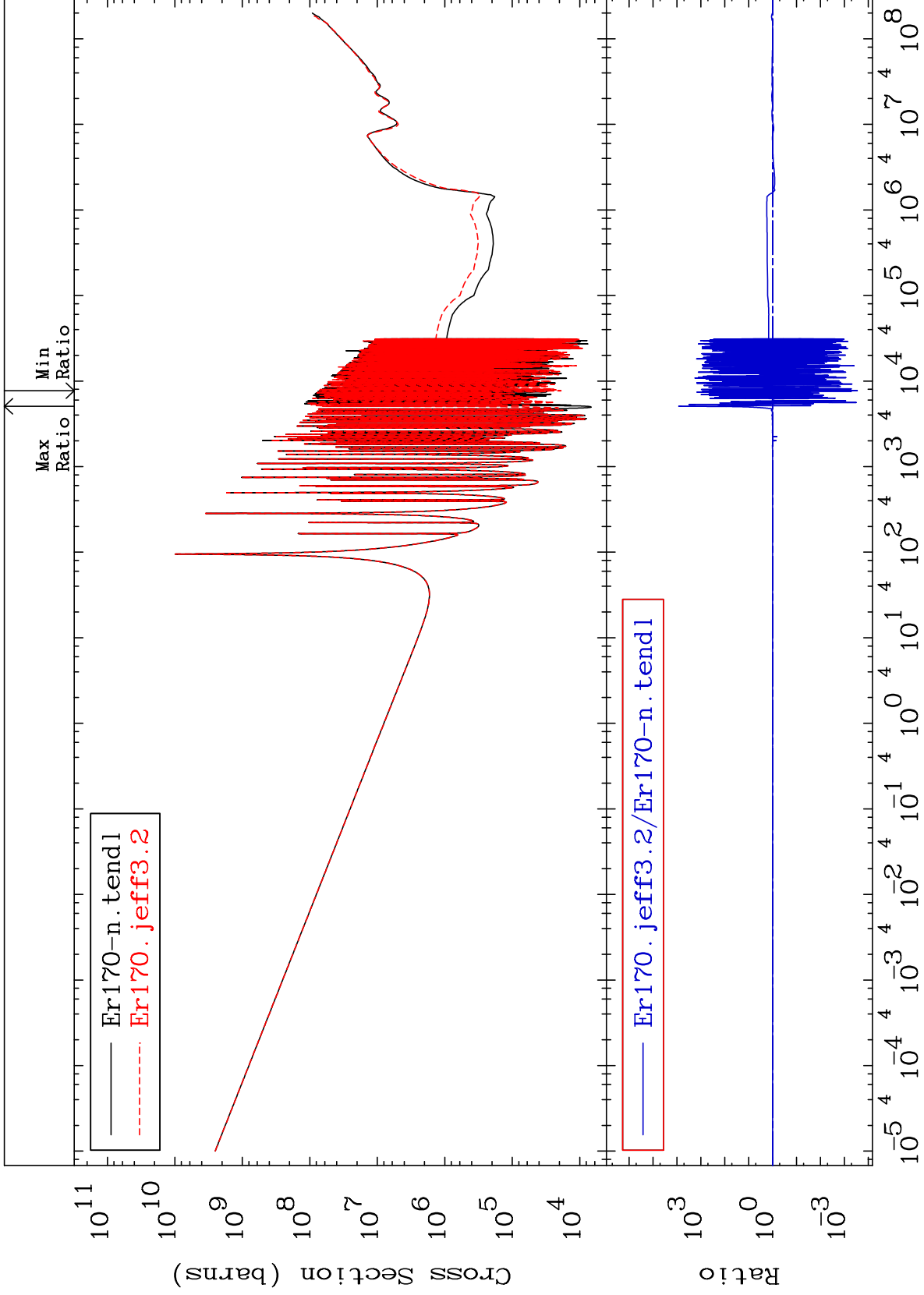
68-Er-170
-99.97 To 9999. %



66

Incident Energy (eV)

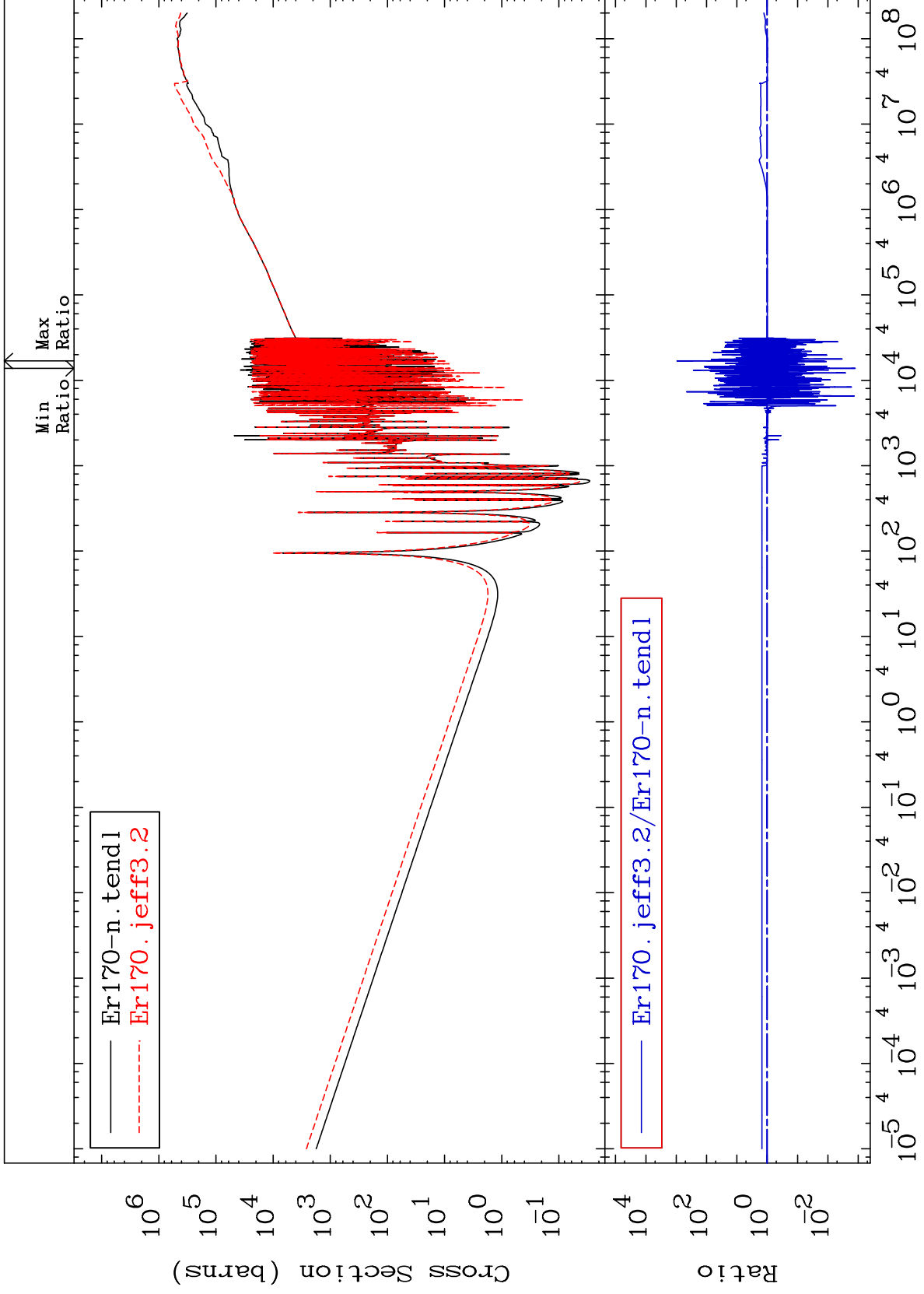
68-Er-170

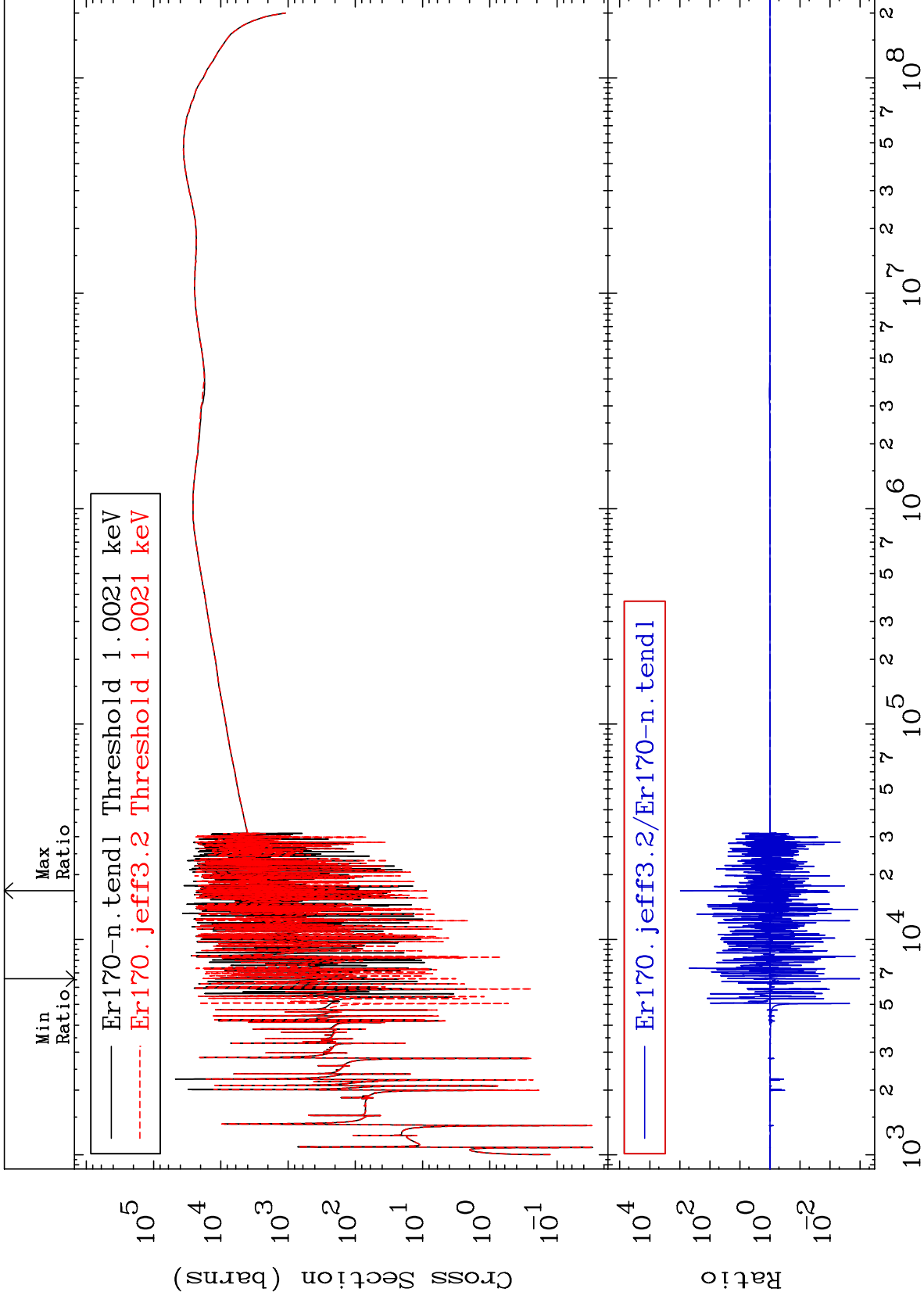


MAT 6849

Dpa total (eV-barns)
Cross Section

68-Er-170
-99.87 To 9999. %

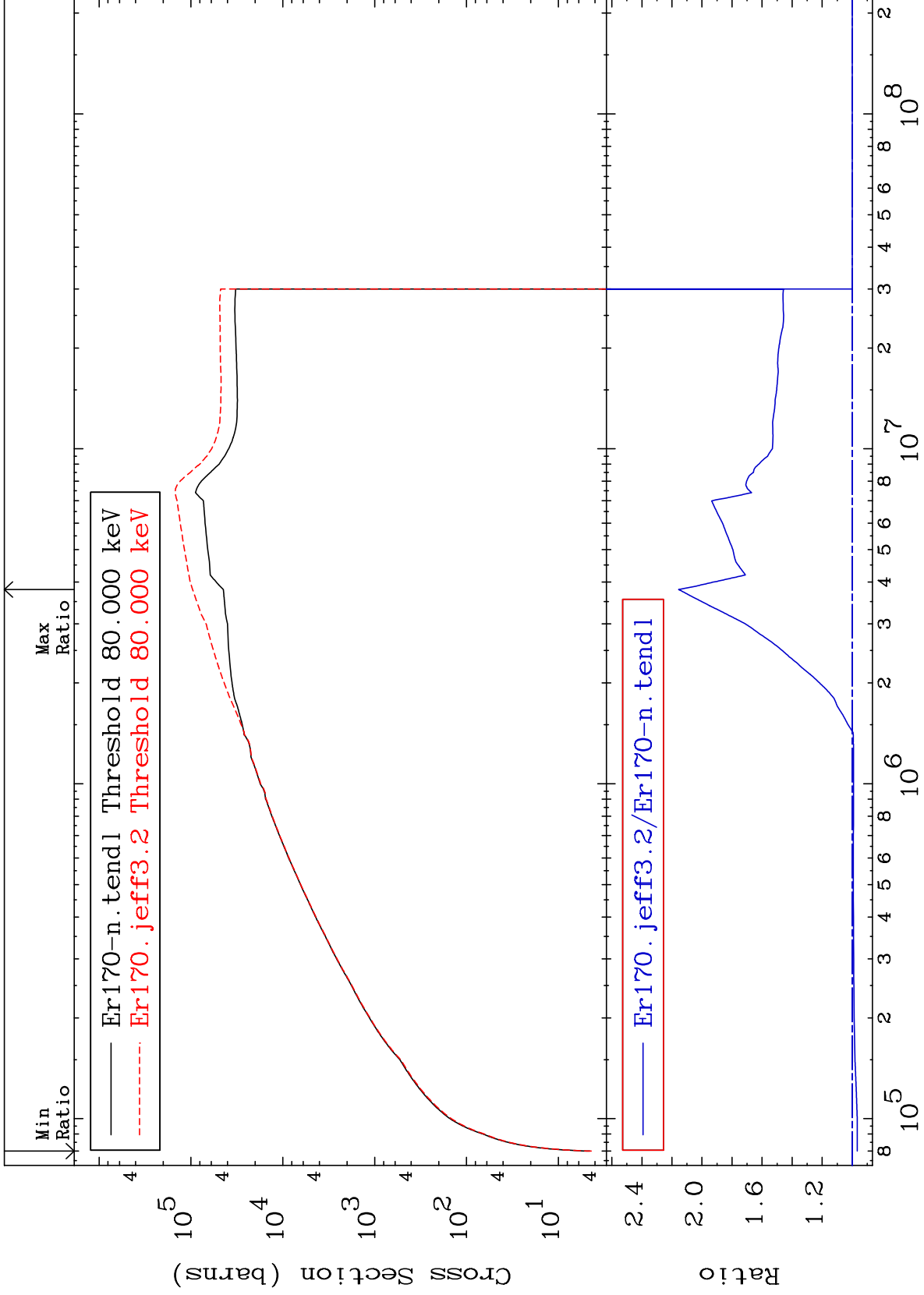




MAT 6849

Dpa inelastic (mt51-91)
Cross Section

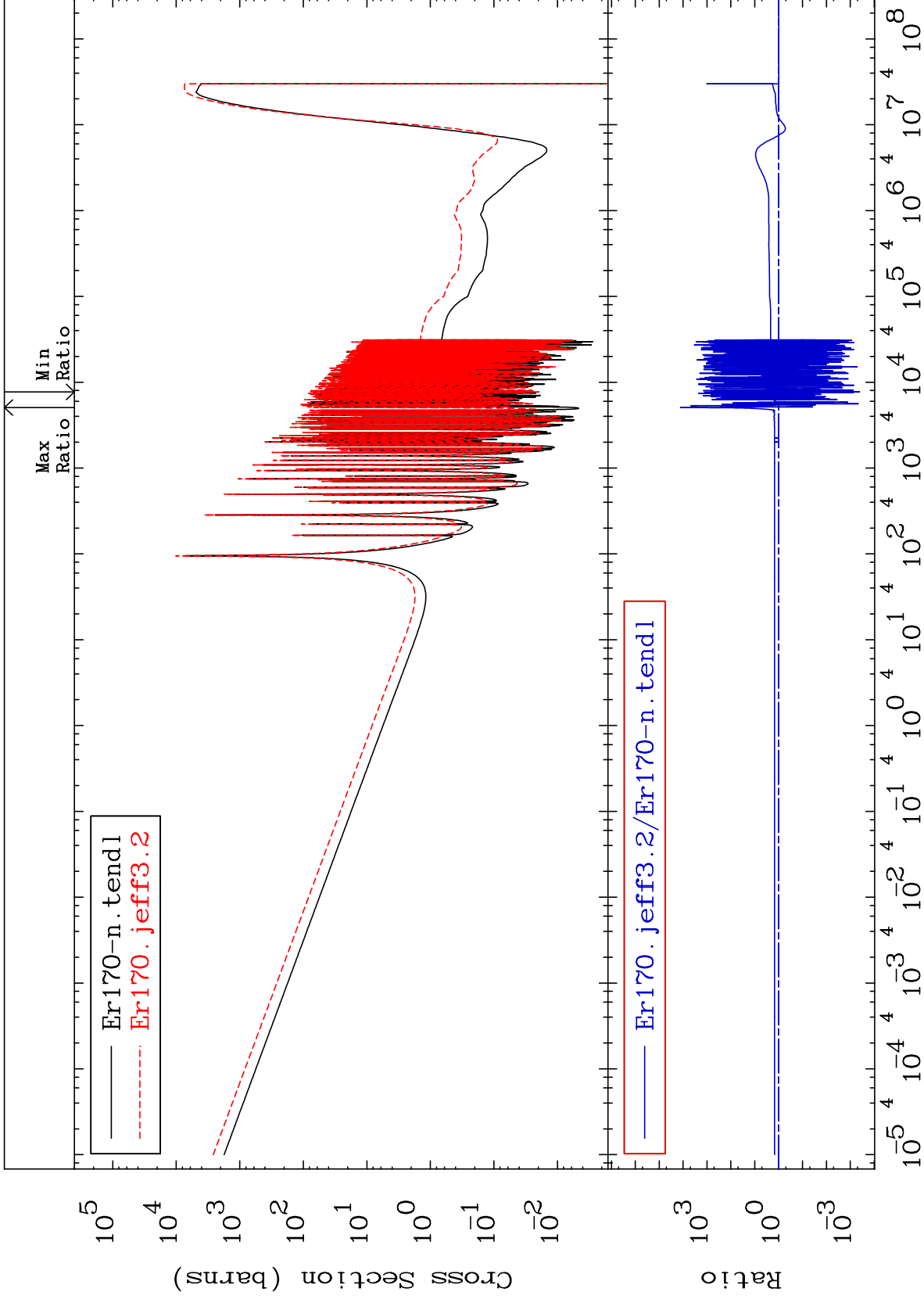
68-Er-170
-3.344 To 115.5 %



70

Incident Energy (eV)

68-Er-170

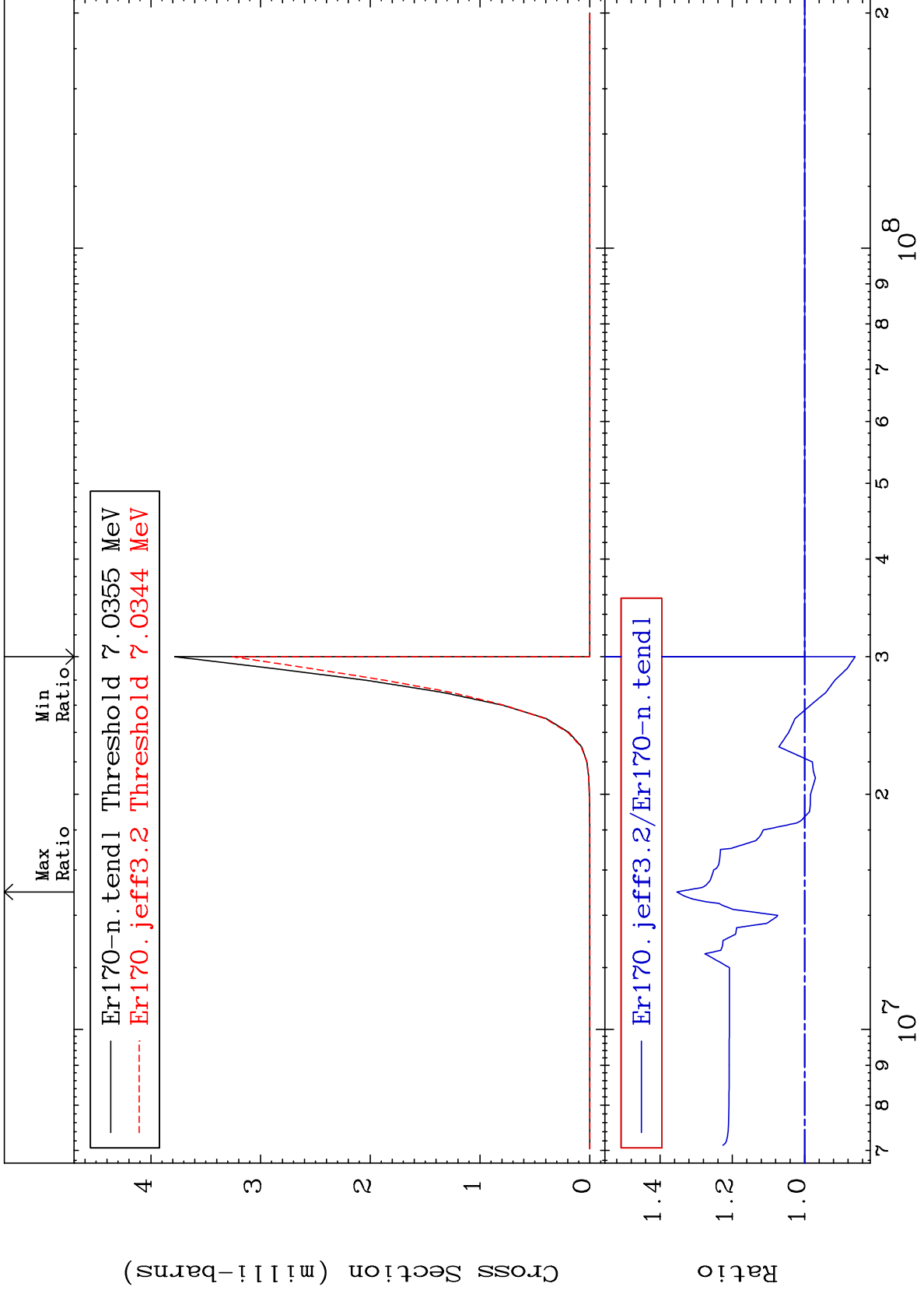


MAT 6849

(n,2n) α : 66-Dy-165g

68-Er-170

Radionuclide Production Cross Section -13.96 To 35.34 %



72

Incident Energy (eV)

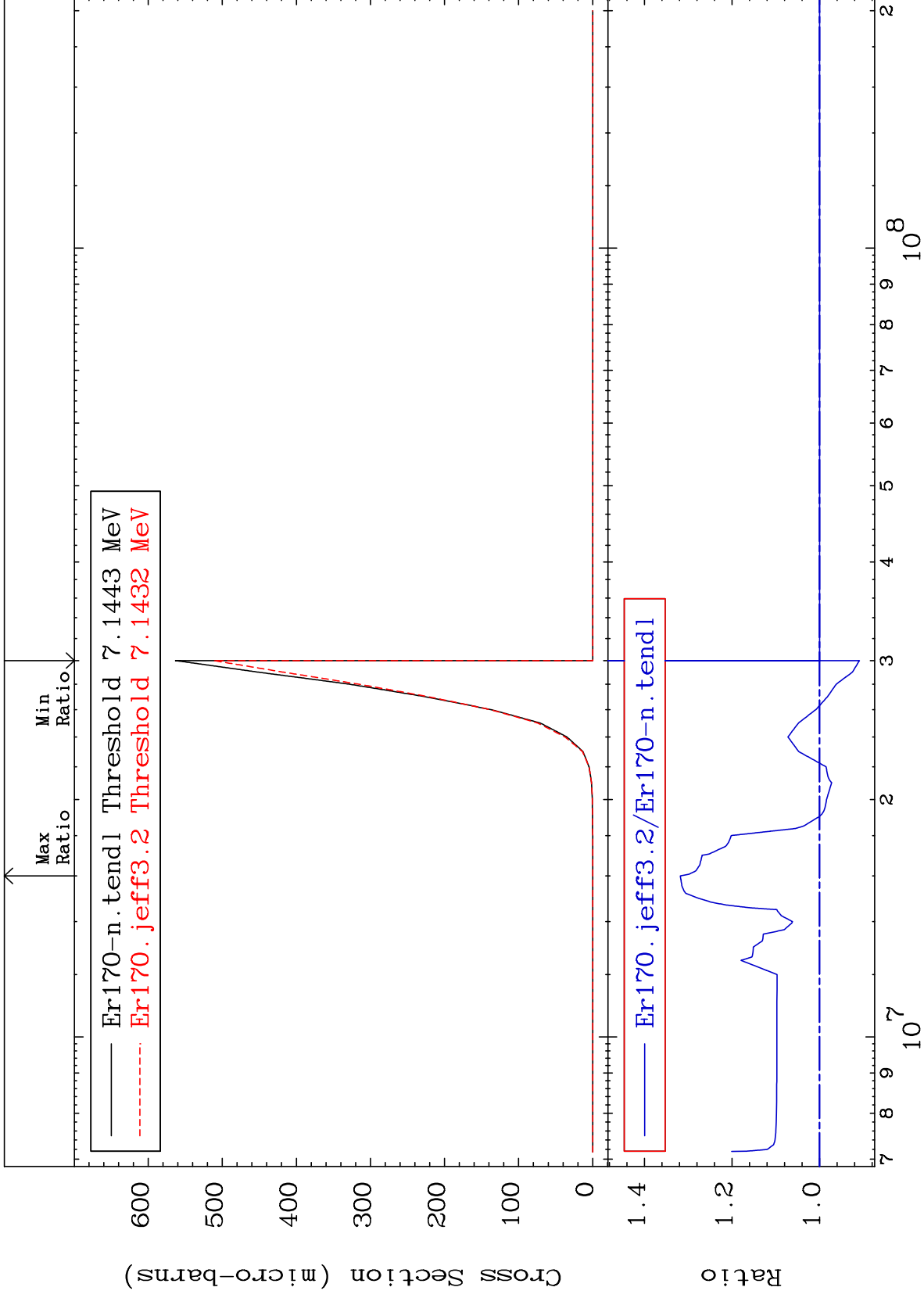
68-Er-170

MAT 6849

(n,2n) α : 66-Dy-165m2

68-Er-170

Radionuclide Production Cross Section -9.118 To 31.79 %

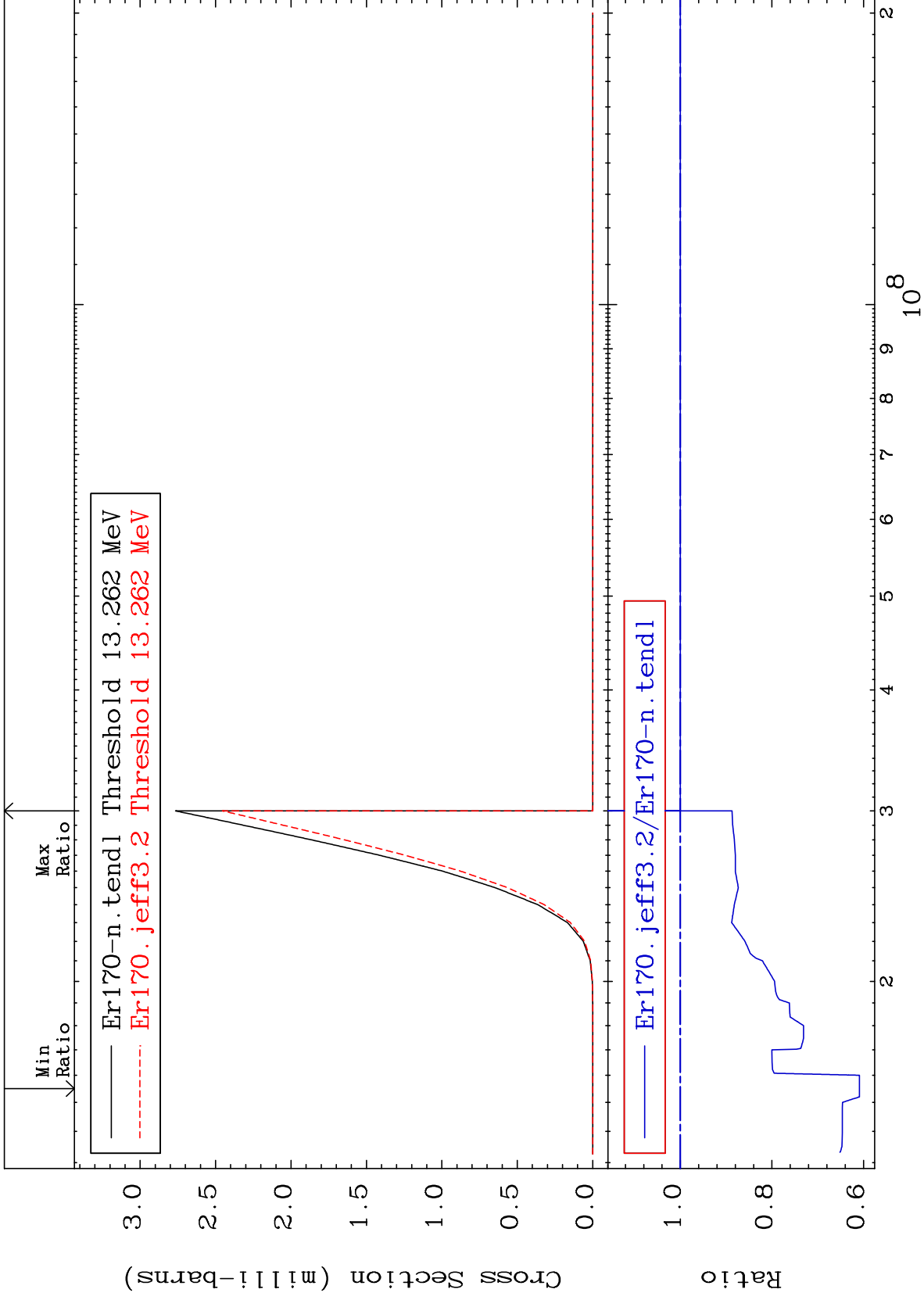


73

Incident Energy (eV)

68-Er-170

Radionuclide Production Cross Section -39.10 To 0.000 %

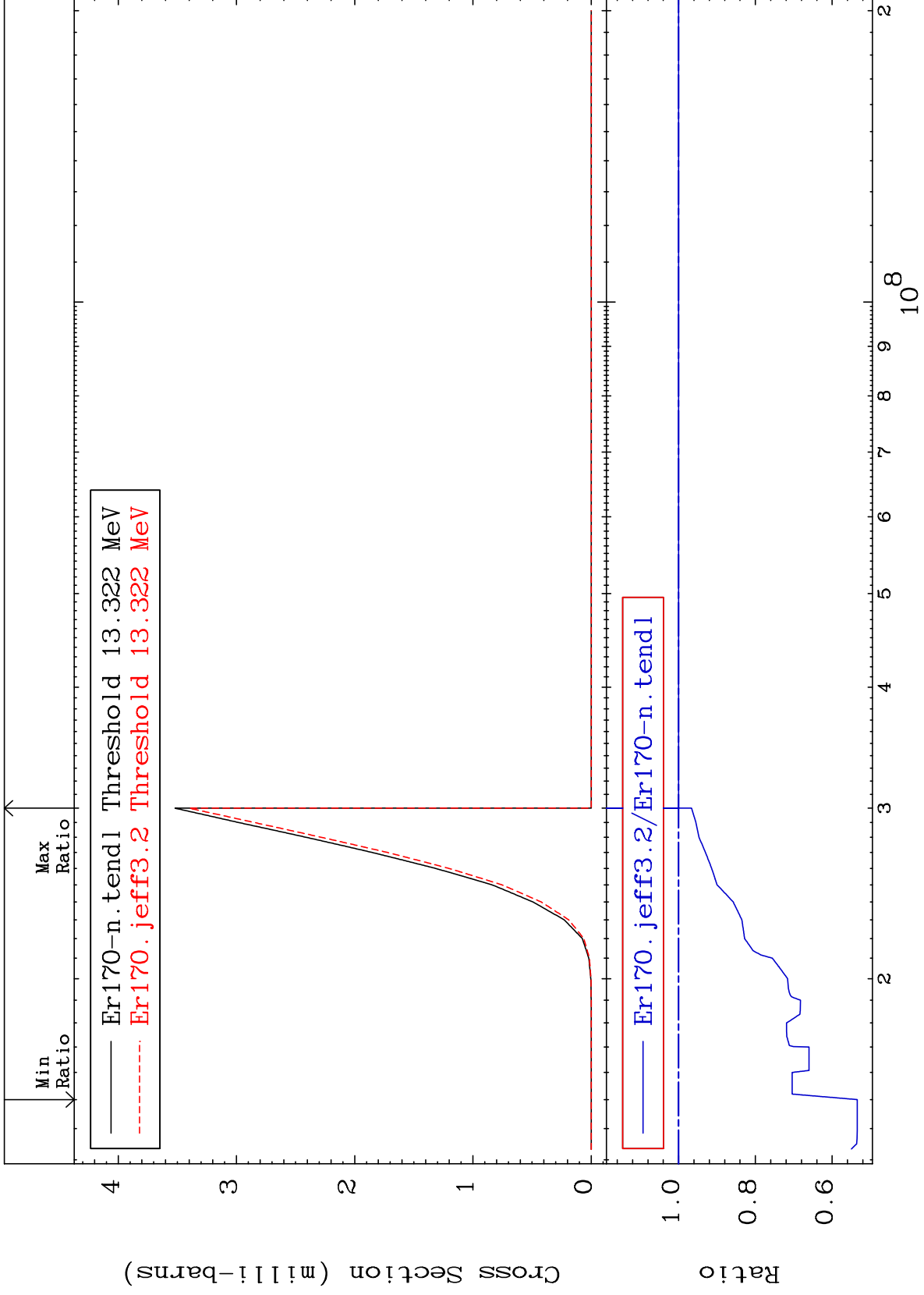


MAT 6849

(n, n') d:67-Ho-168m1

68-Er-170

Radionuclide Production Cross Section -46.54 To 0.000 %

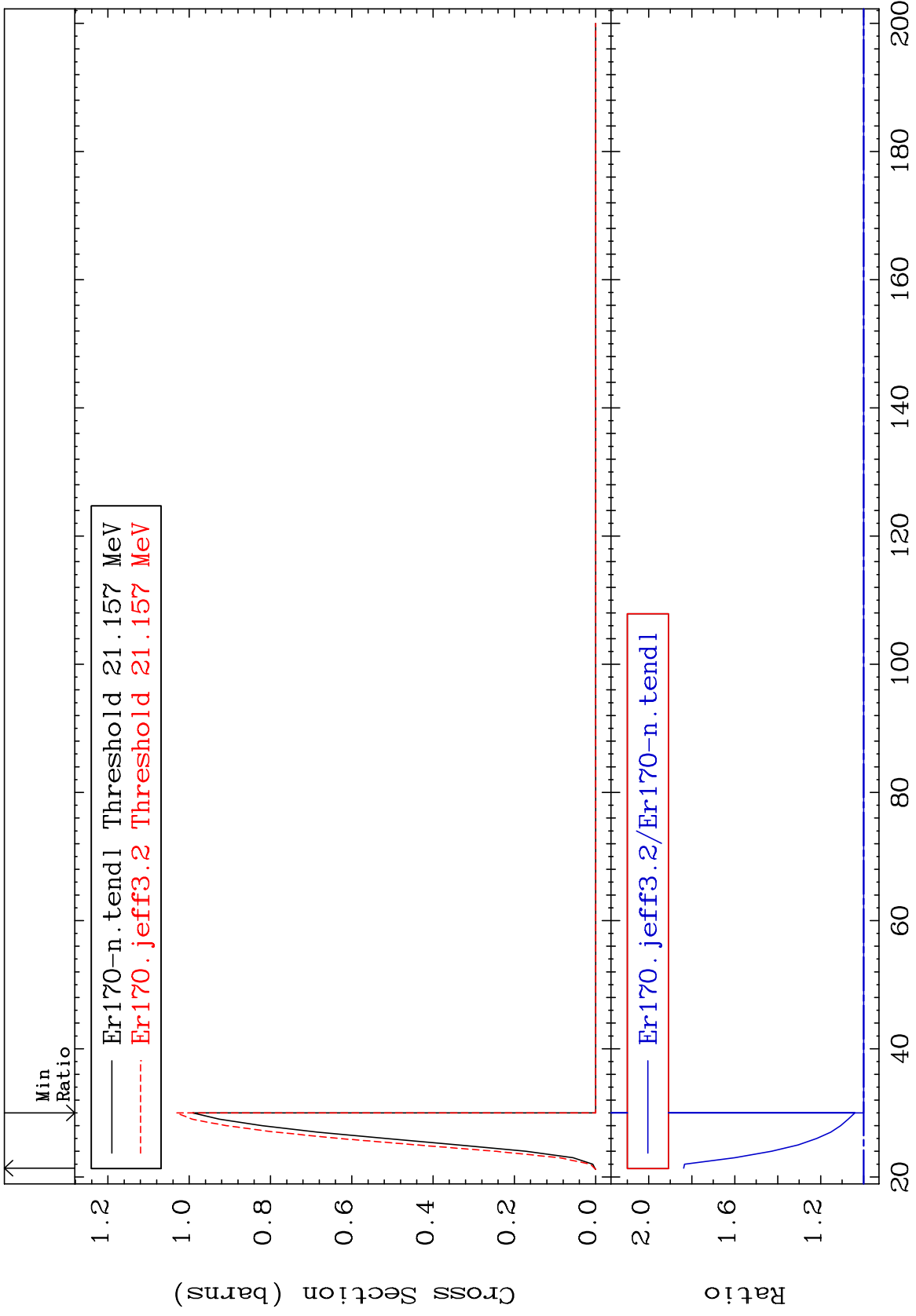


MAT 6849

(n, 4n) : 68-Er-167g

68-Er-170

Radionuclide Production Cross Section 0.000 To 83.74 %

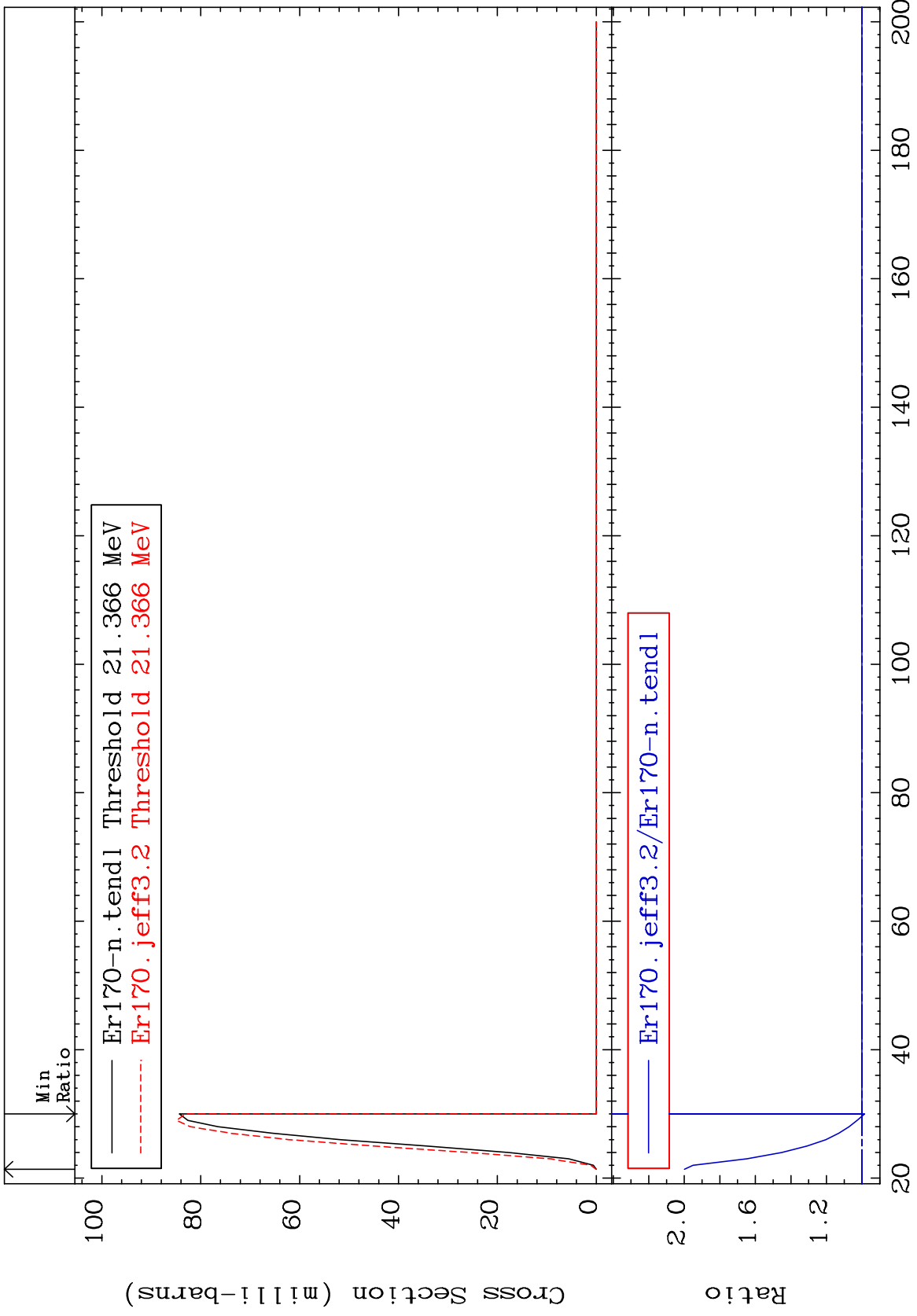


MAT 6849

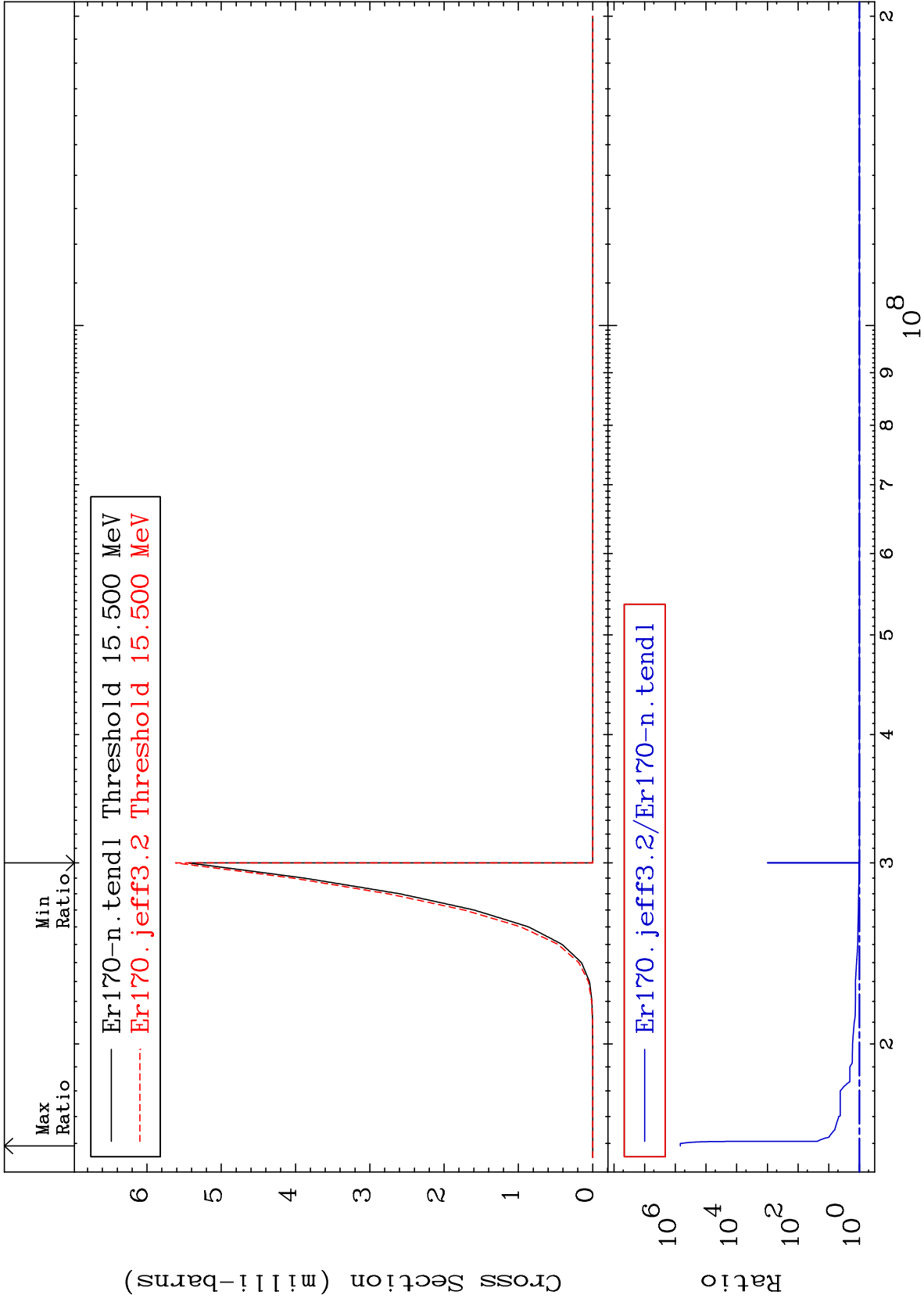
(n, 4n) : 68-Er-167m3

68-Er-170

Radionuclide Production Cross Section -1.501 To 99.89 %



Radionuclide Production Cross Section 0.000 To 9999. %

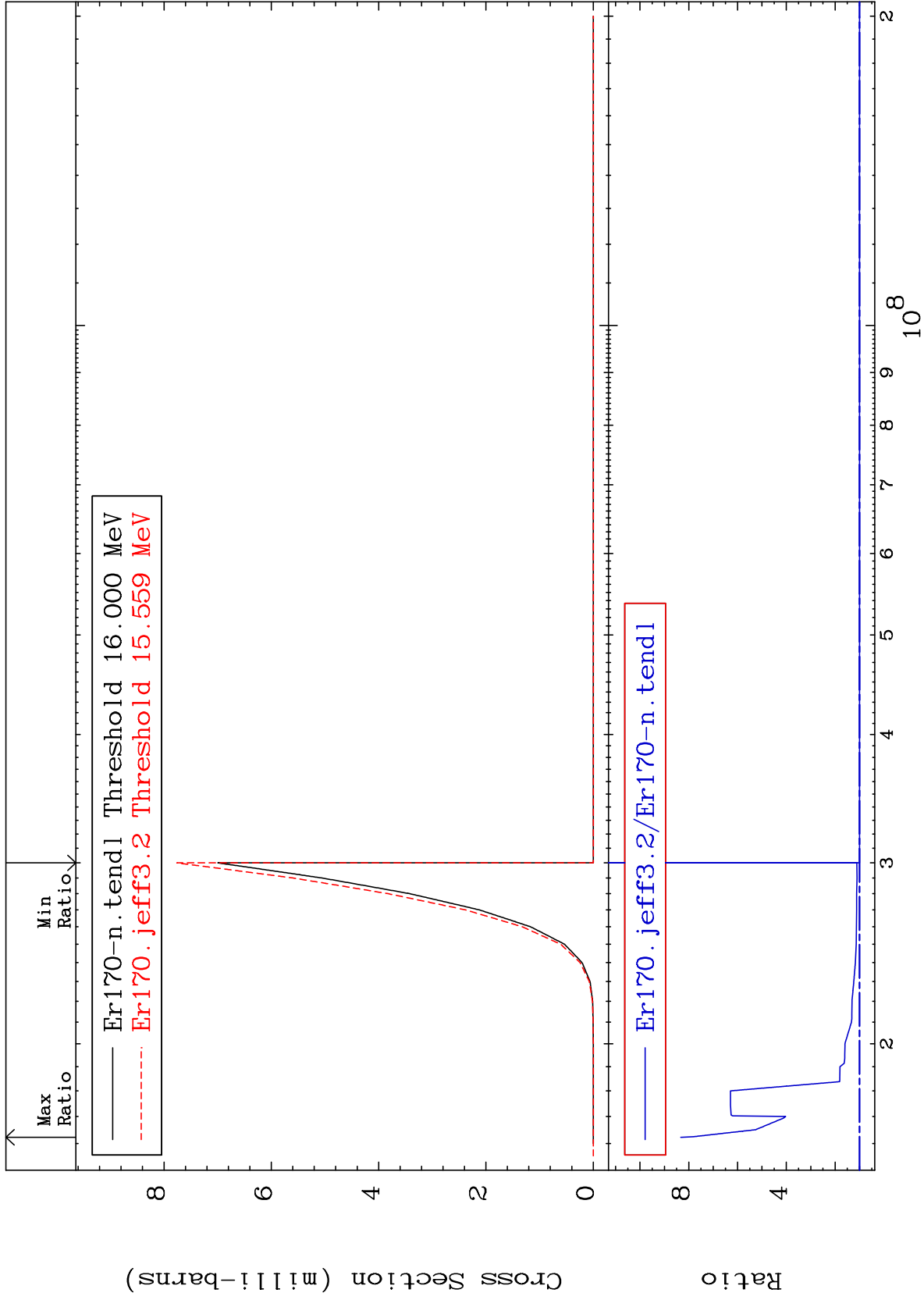


MAT 6849

(n,2n) p:67-Ho-168m1

68-Er-170

Radionuclide Production Cross Section 0.000 To 732.9 %



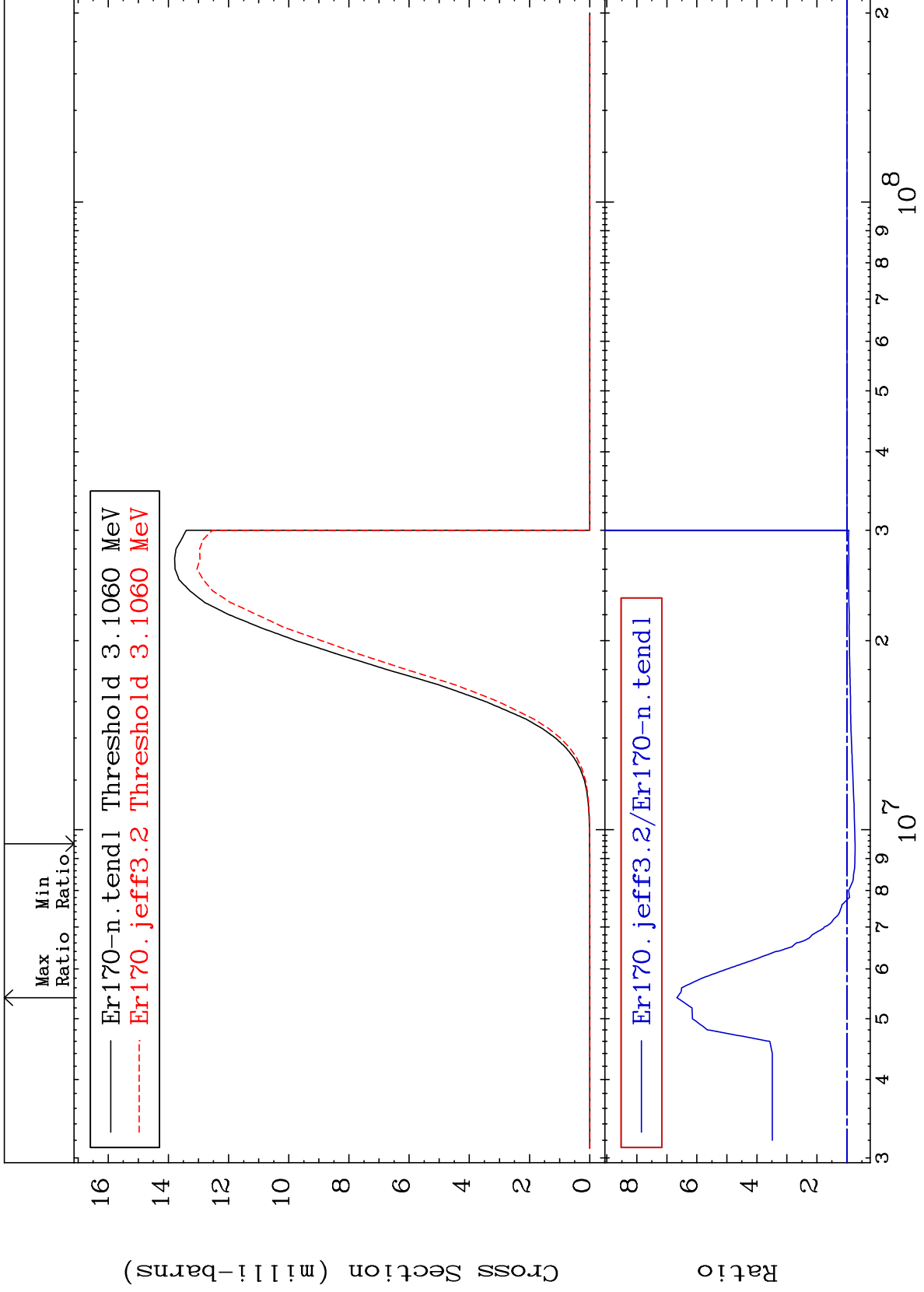
MAT 6849

(n, p) : 67-Ho-170g

68-Er-170

Radionuclide Production Cross Section

-27.15 To 566.5 %



80

Incident Energy (eV)

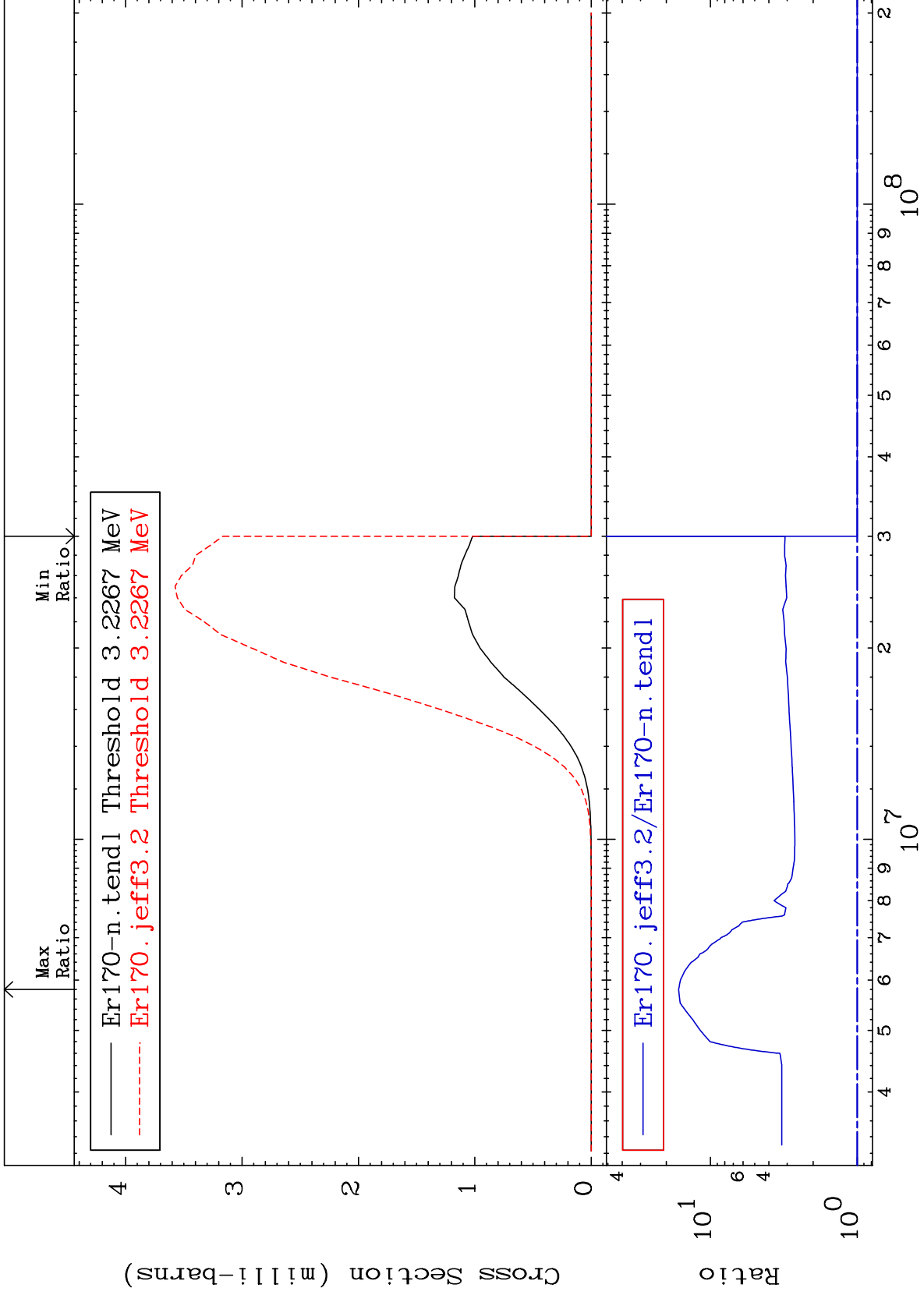
68-Er-170

MAT 6849

(n, p) : 67-Ho-170m1

68-Er-170

Radionuclide Production Cross Section 0.000 To 1549. %

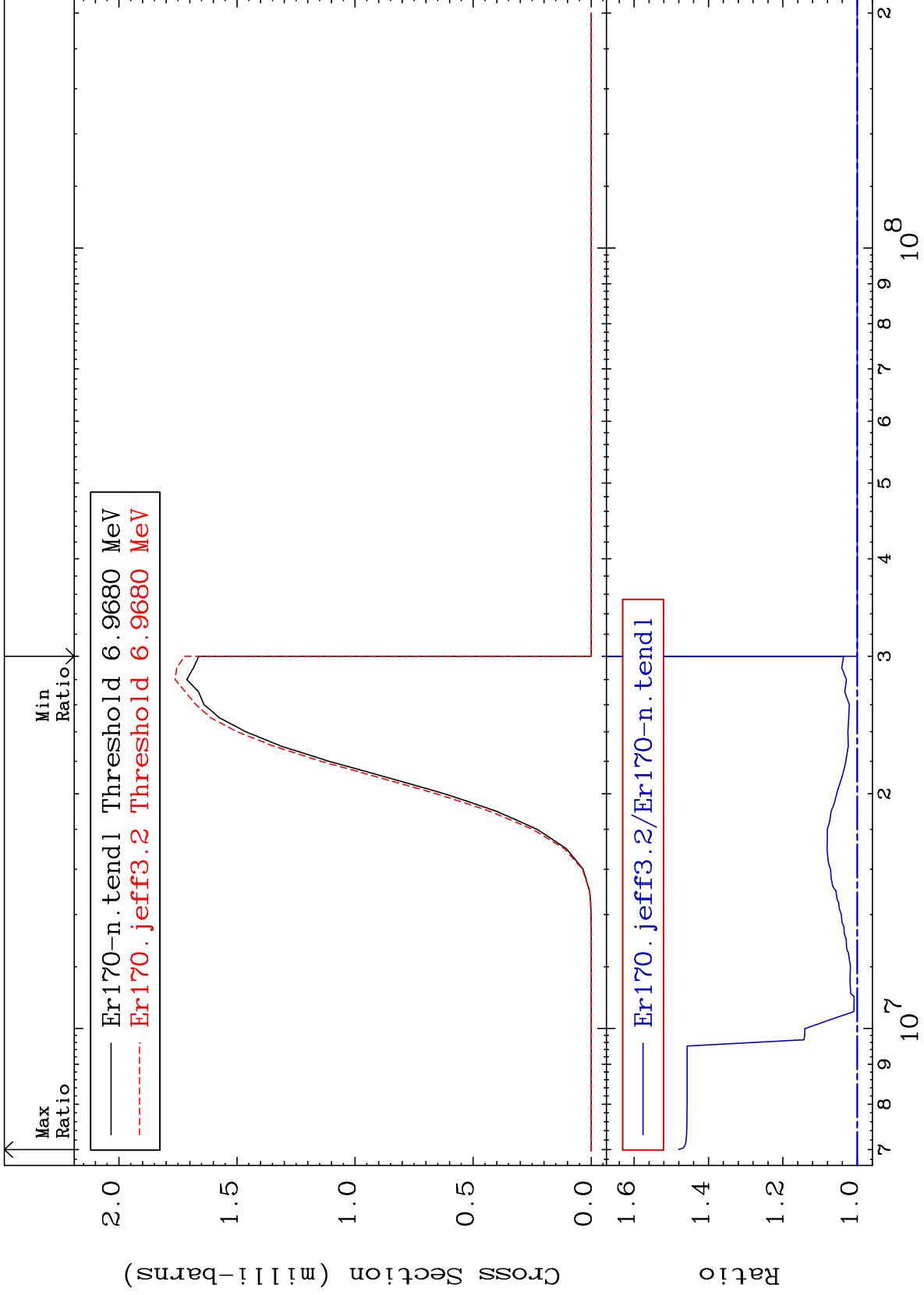


MAT 6849

(n, t) : 67-Ho-168g

68-Er-170

Radionuclide Production Cross Section 0.000 To 48.03 %



82

Incident Energy (eV)

68-Er-170

Radionuclide Production Cross Section -12.23 To 58.90 %

