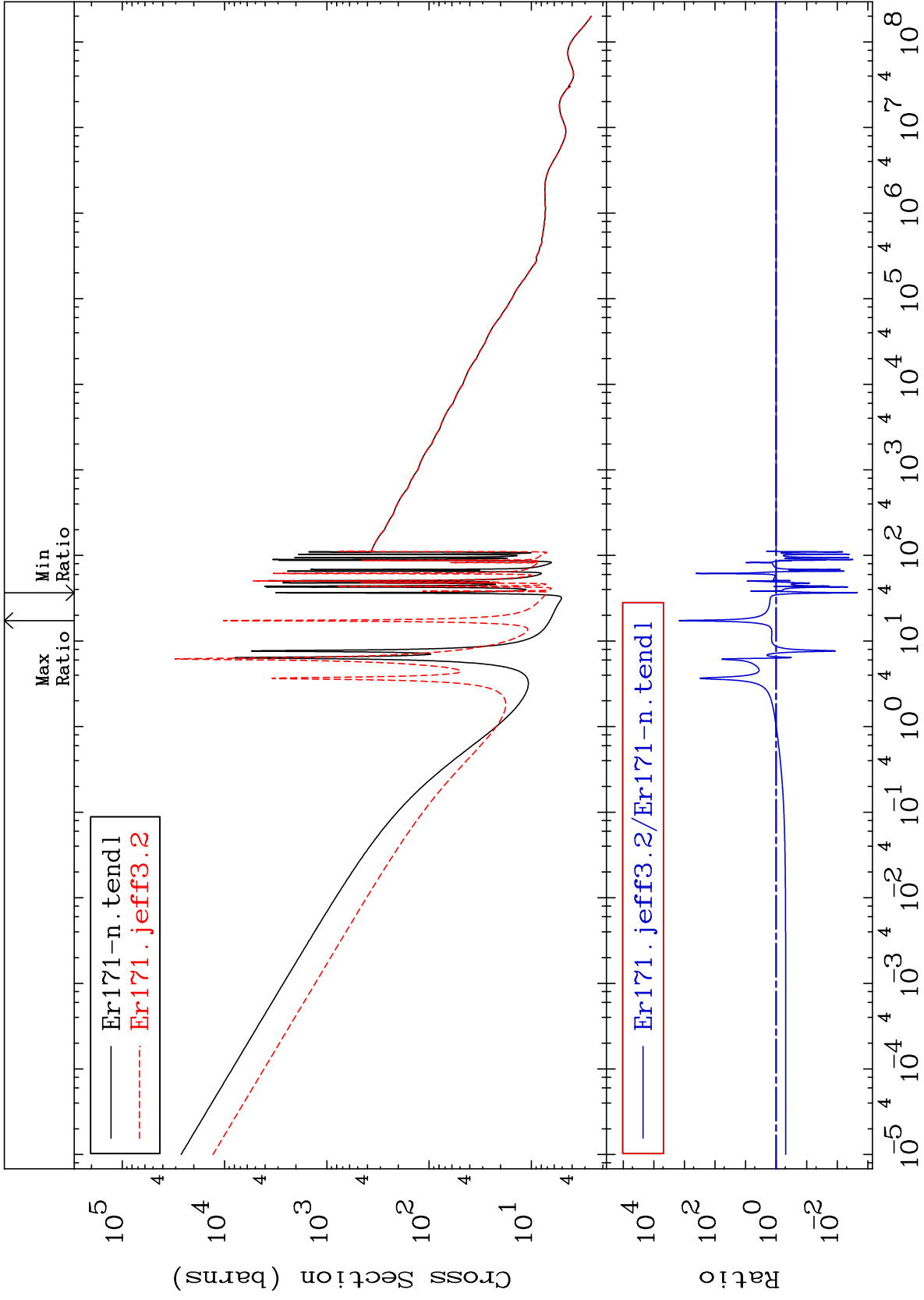


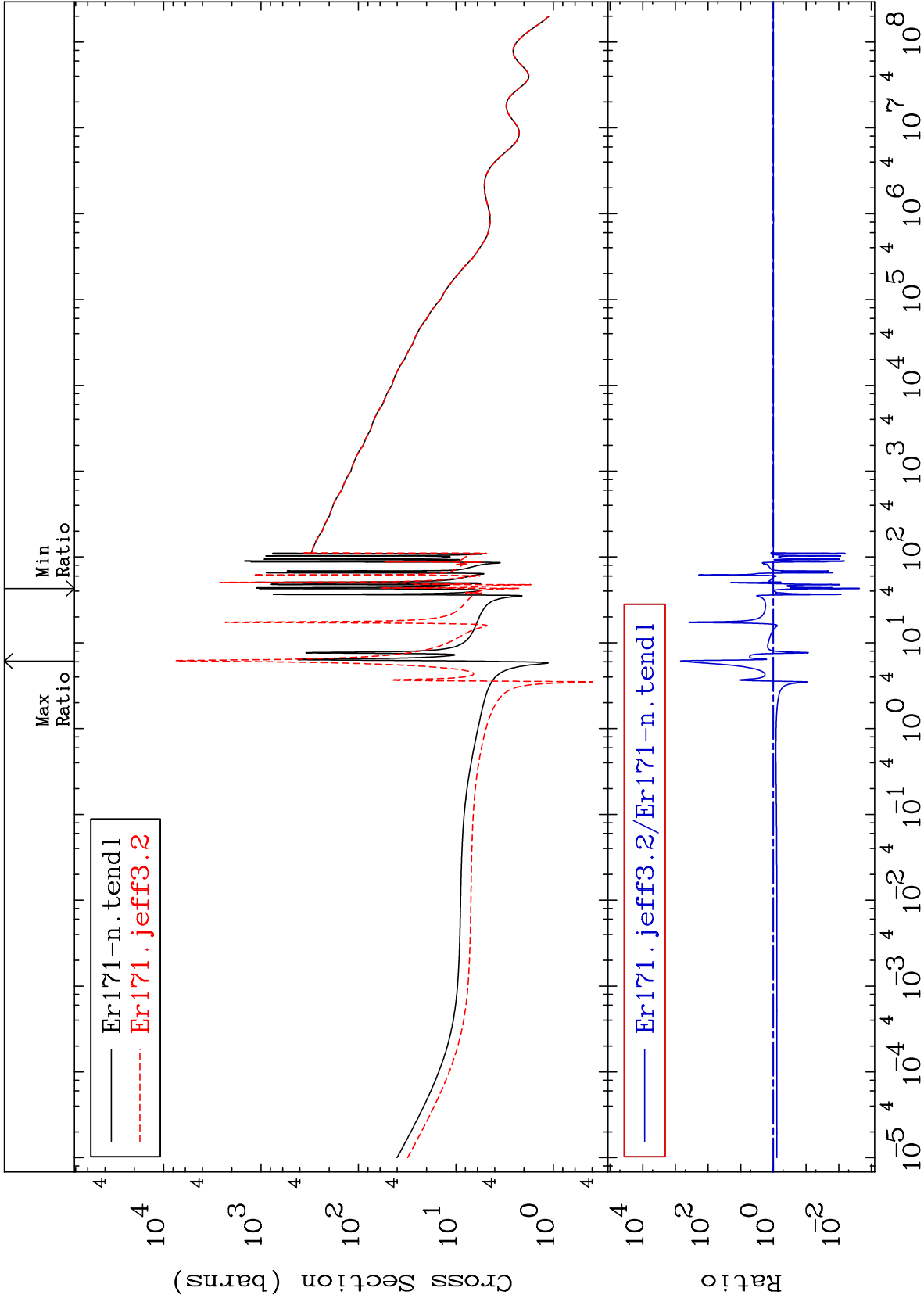
MAT 6852

Total Cross Section
68-Er-171
-99.78 To 9999. %



Incident Energy (eV)

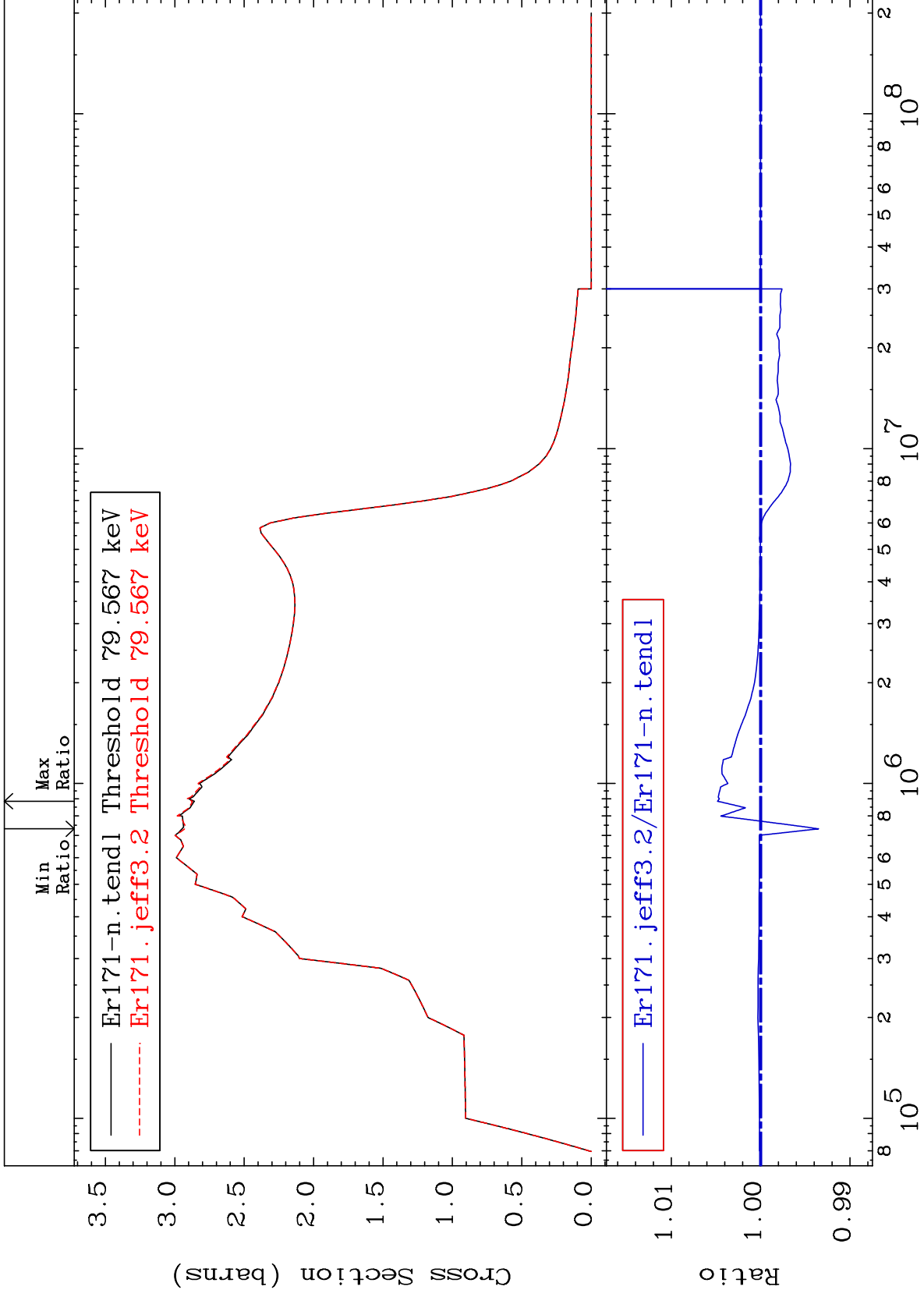
68-Er-171



MAT 6852

Inelastic
Cross Section

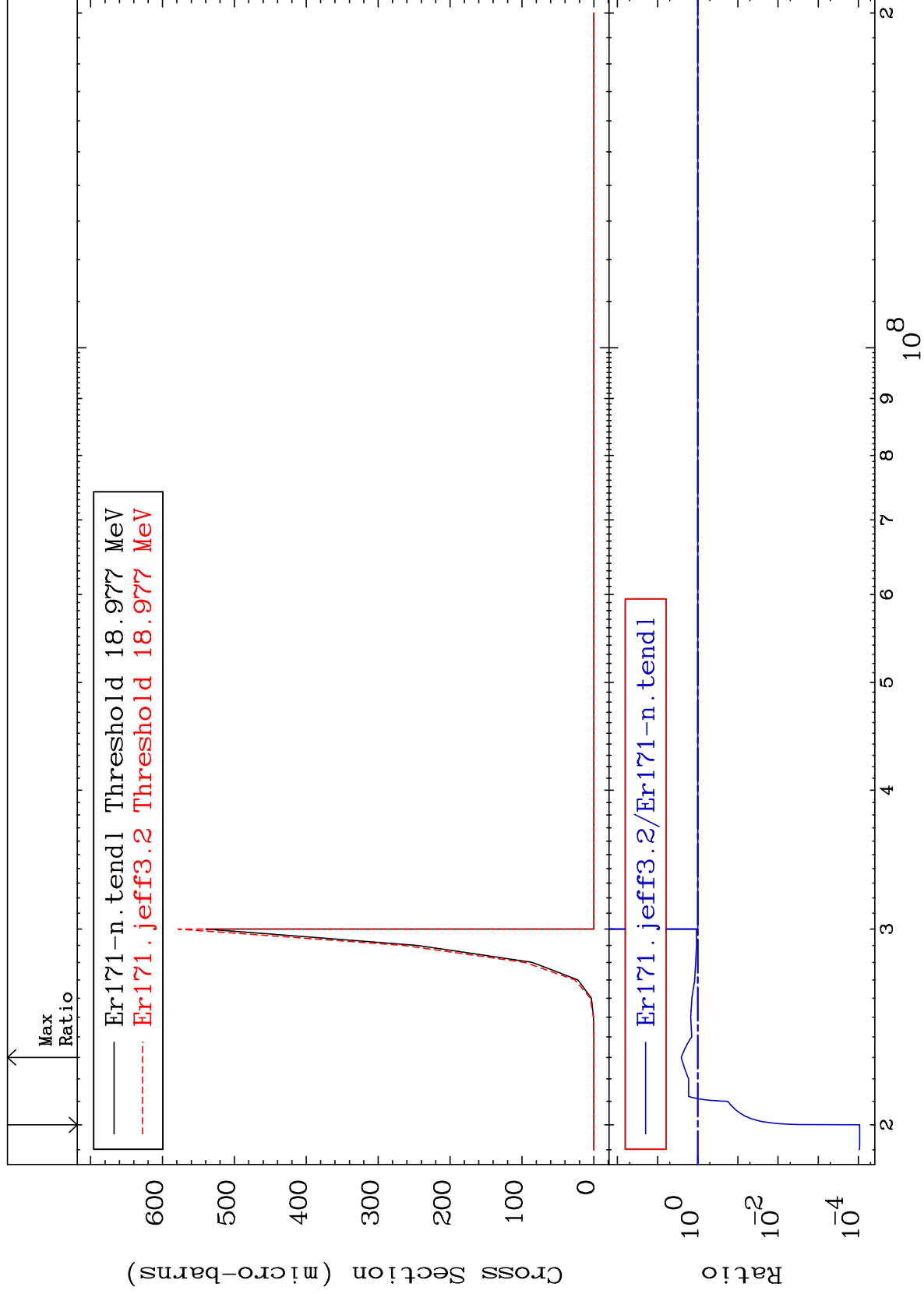
68-Er-171
-0.648 To 0.483 %



MAT 6852

(n,2n) d
Cross Section

68-Er-171
-99.99 To 158.3 %



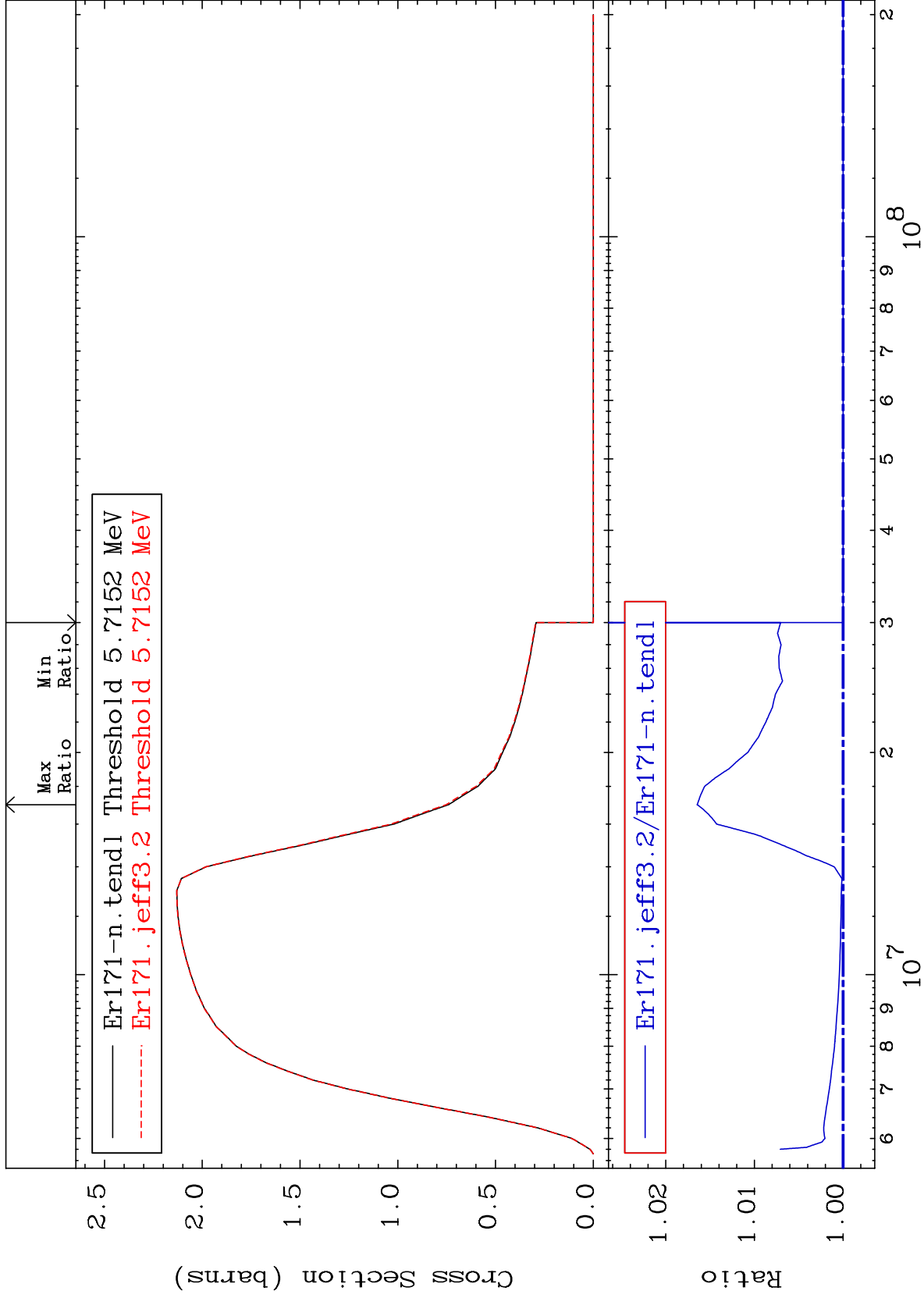
MAT 6852

(n,2n)

68-Er-171

Cross Section

0.000 To 1.645 %



Incident Energy (eV)

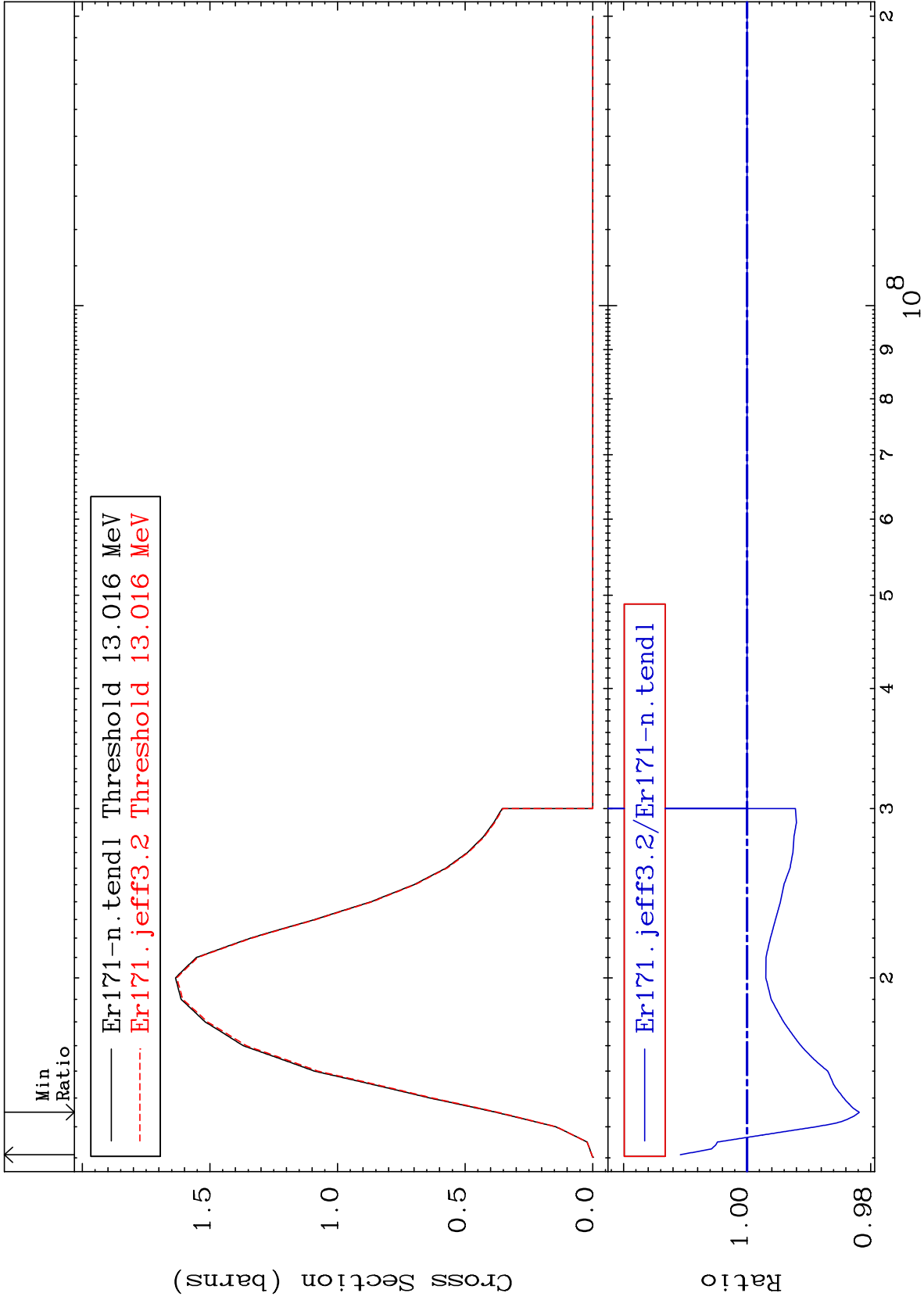
68-Er-171

5

MAT 6852

(n,3n)
Cross Section

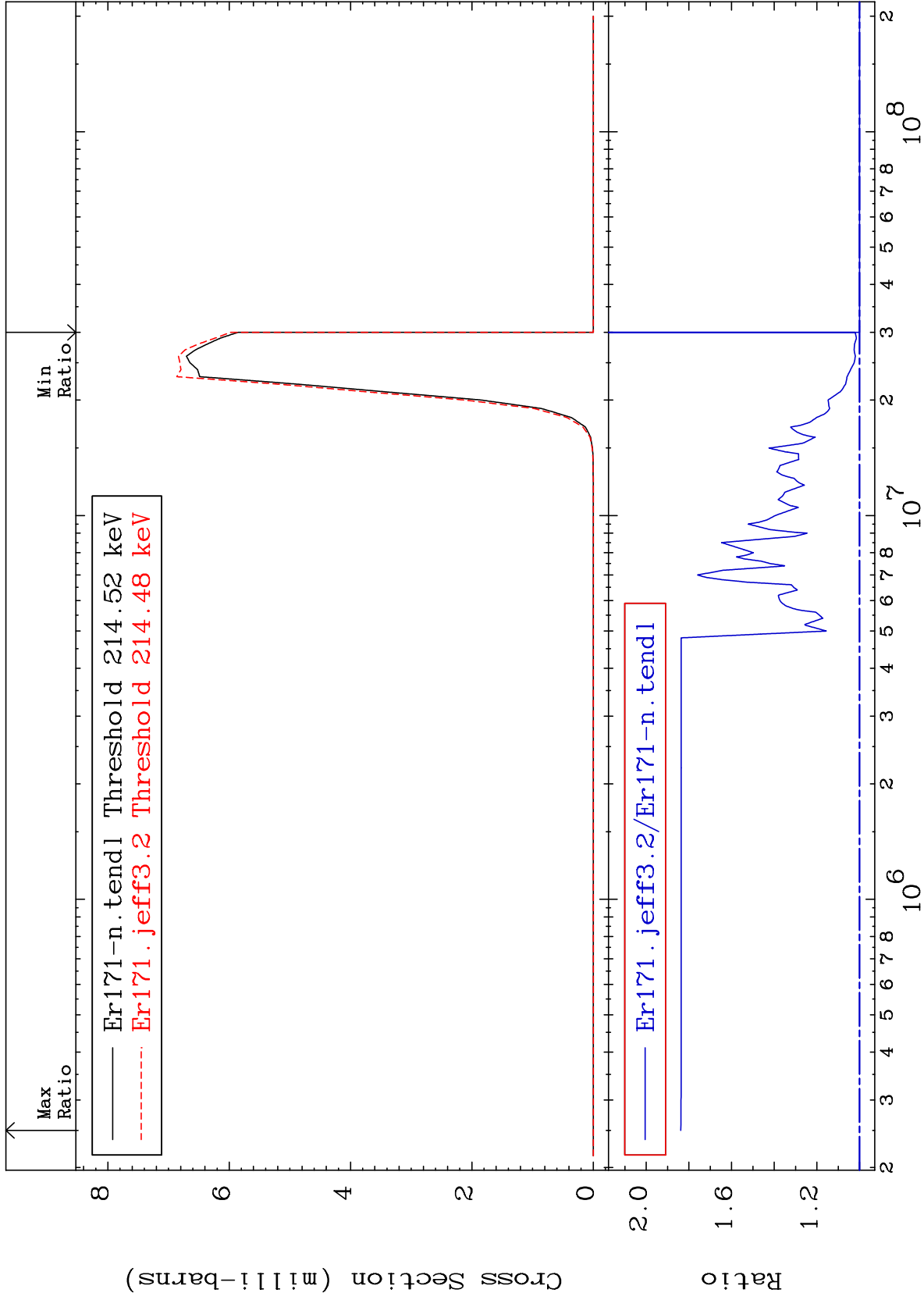
68-Er-171
-1.819 To 1.081 %



MAT 6852

(n, n') α
Cross Section

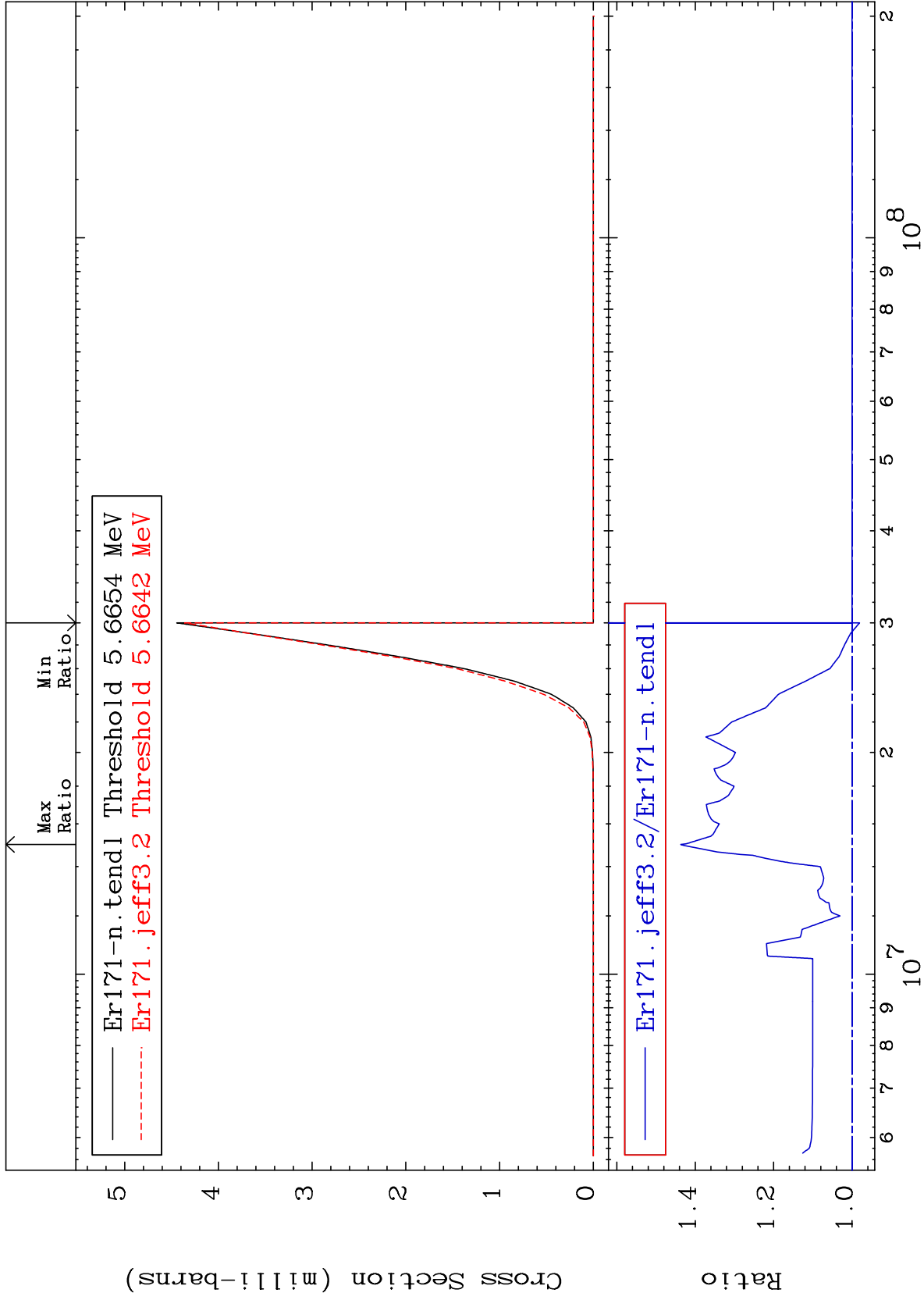
68-Er-171
0.000 To 83.82 %



MAT 6852

(n,2n) α
Cross Section

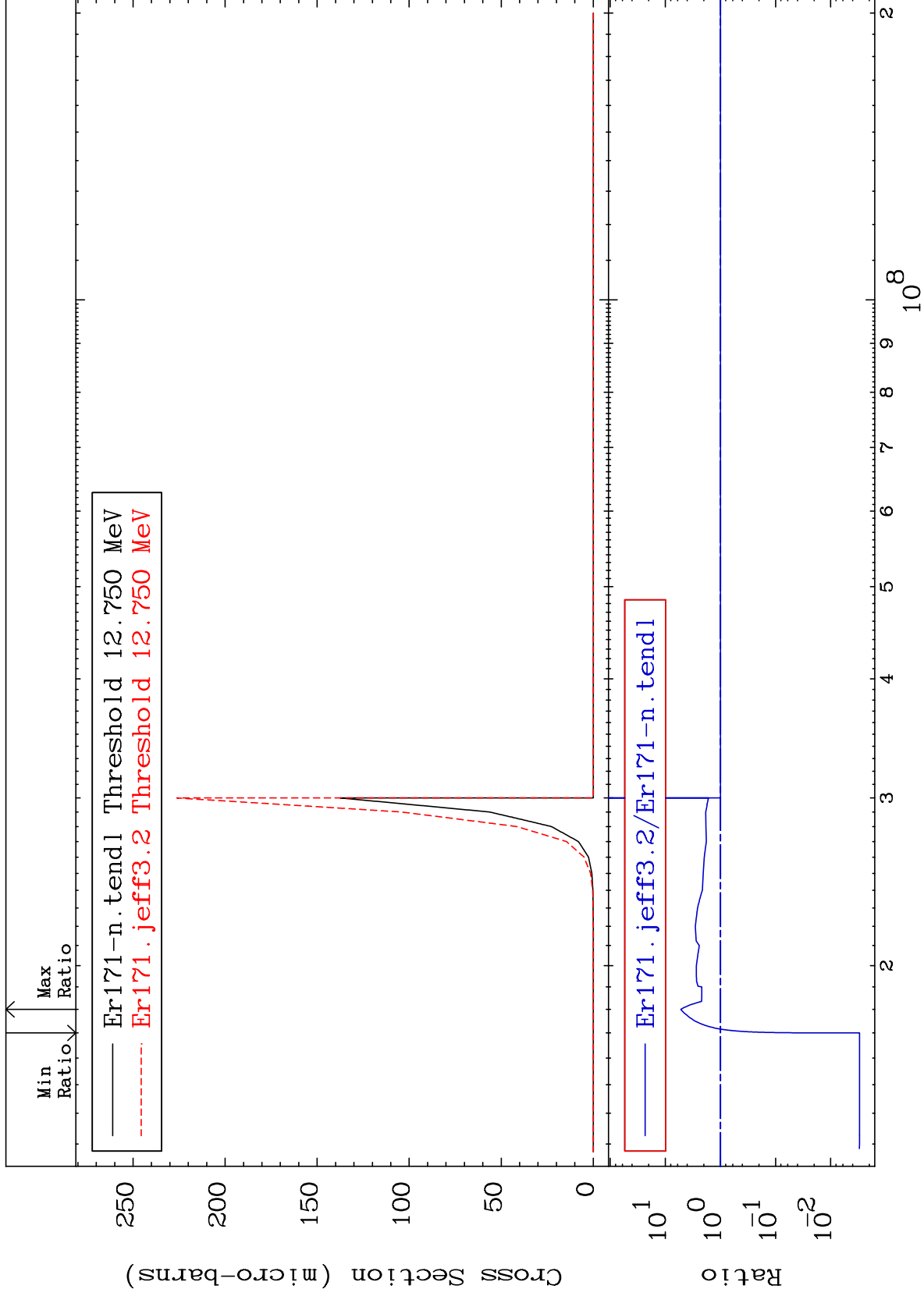
68-Er-171
-1.894 To 43.69 %



MAT 6852

(n,3n) α
Cross Section

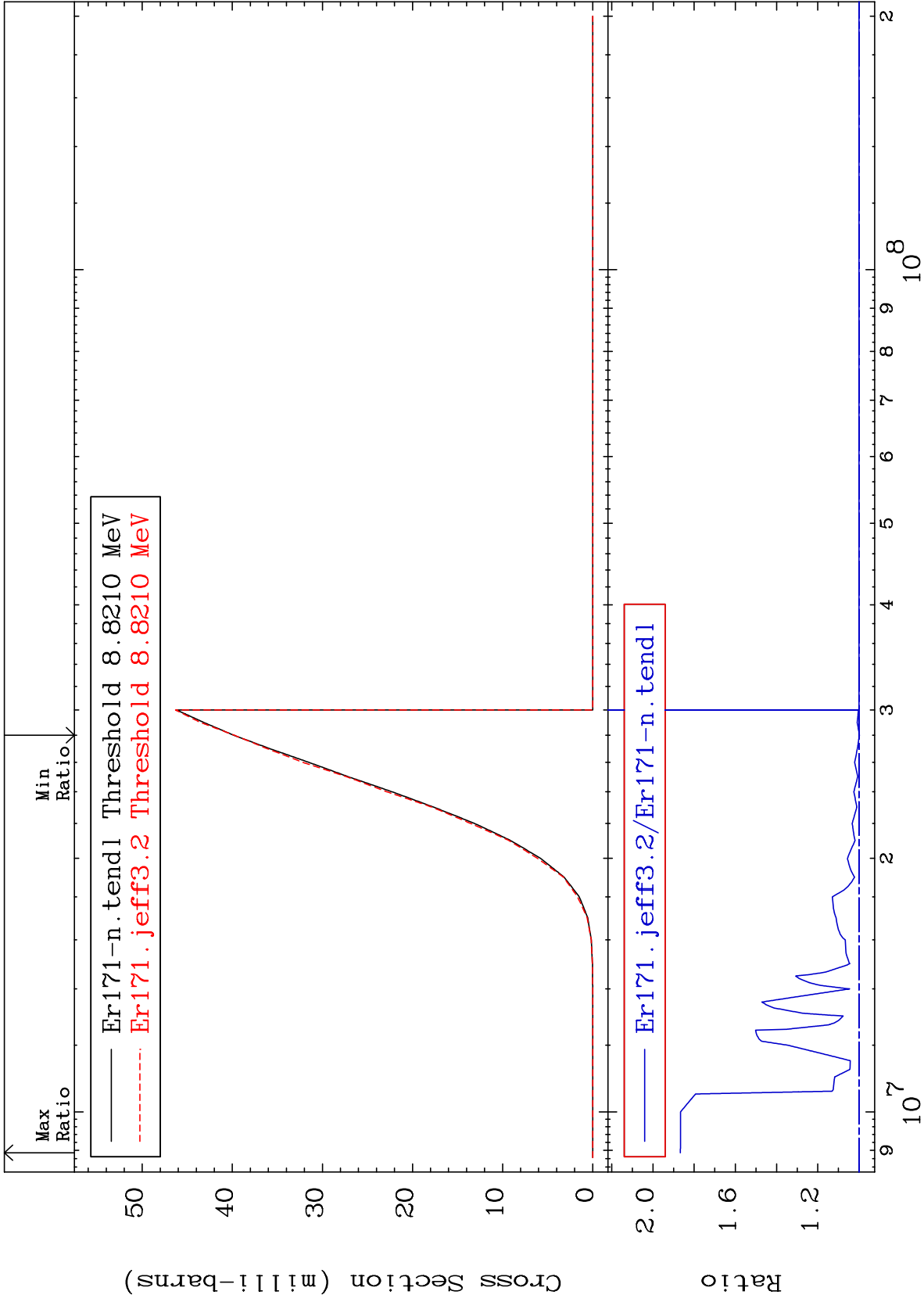
68-Er-171
-99.70 To 424.1 %



MAT 6852

(n,n') p
Cross Section

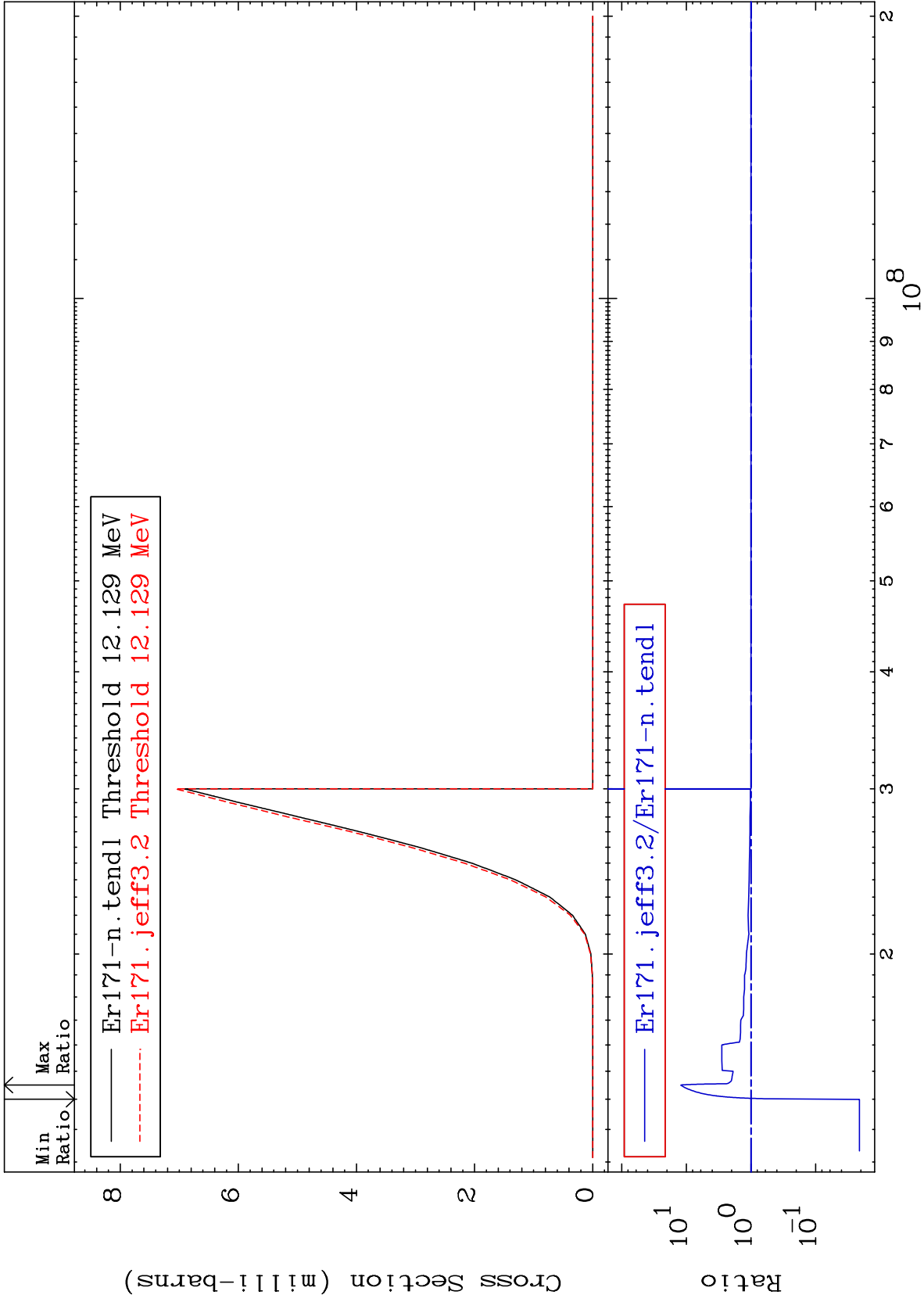
68-Er-171
-0.211 To 86.70 %



10

Incident Energy (eV)

68-Er-171



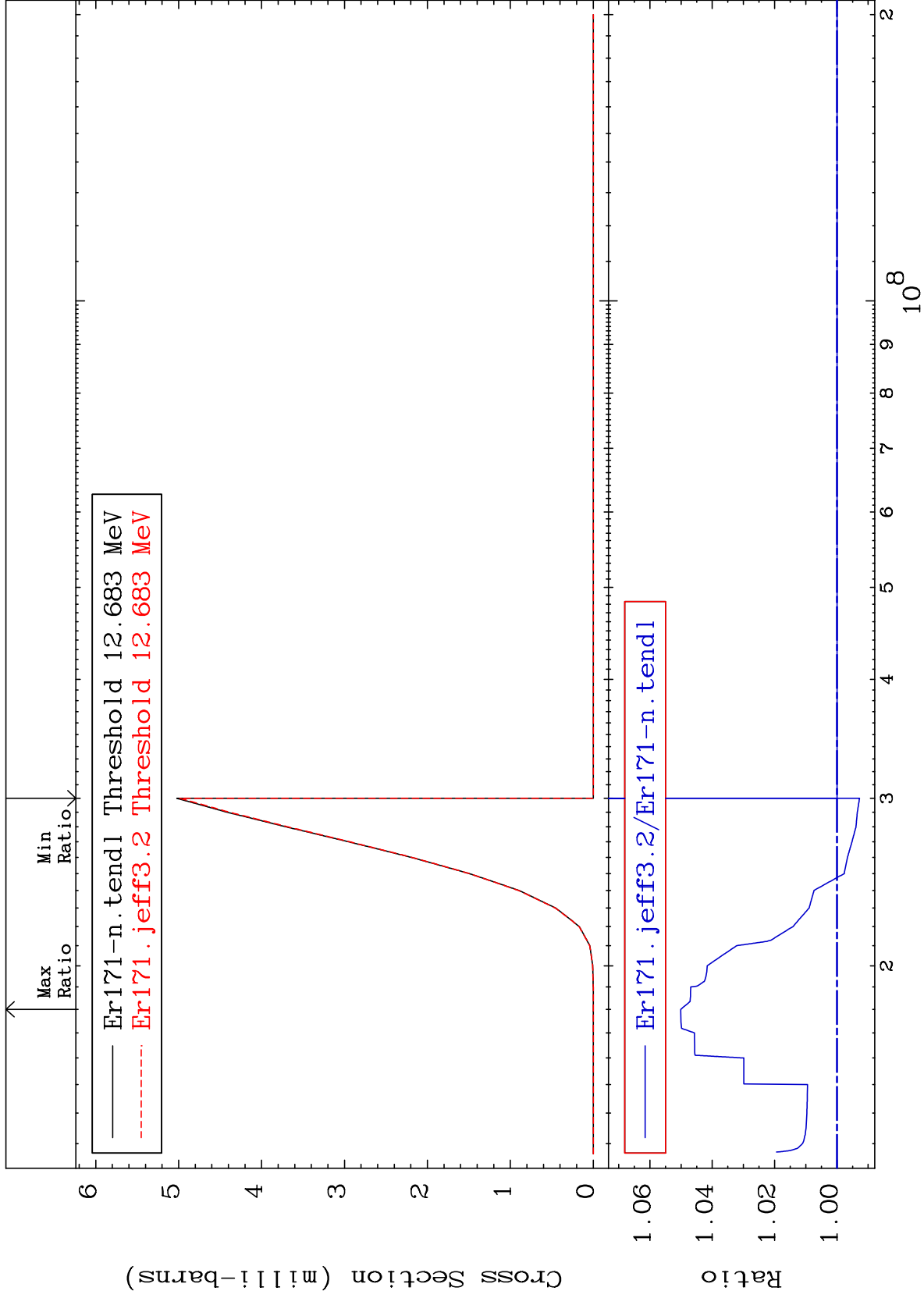
MAT 6852

(n, n') t

68-Er-171

Cross Section

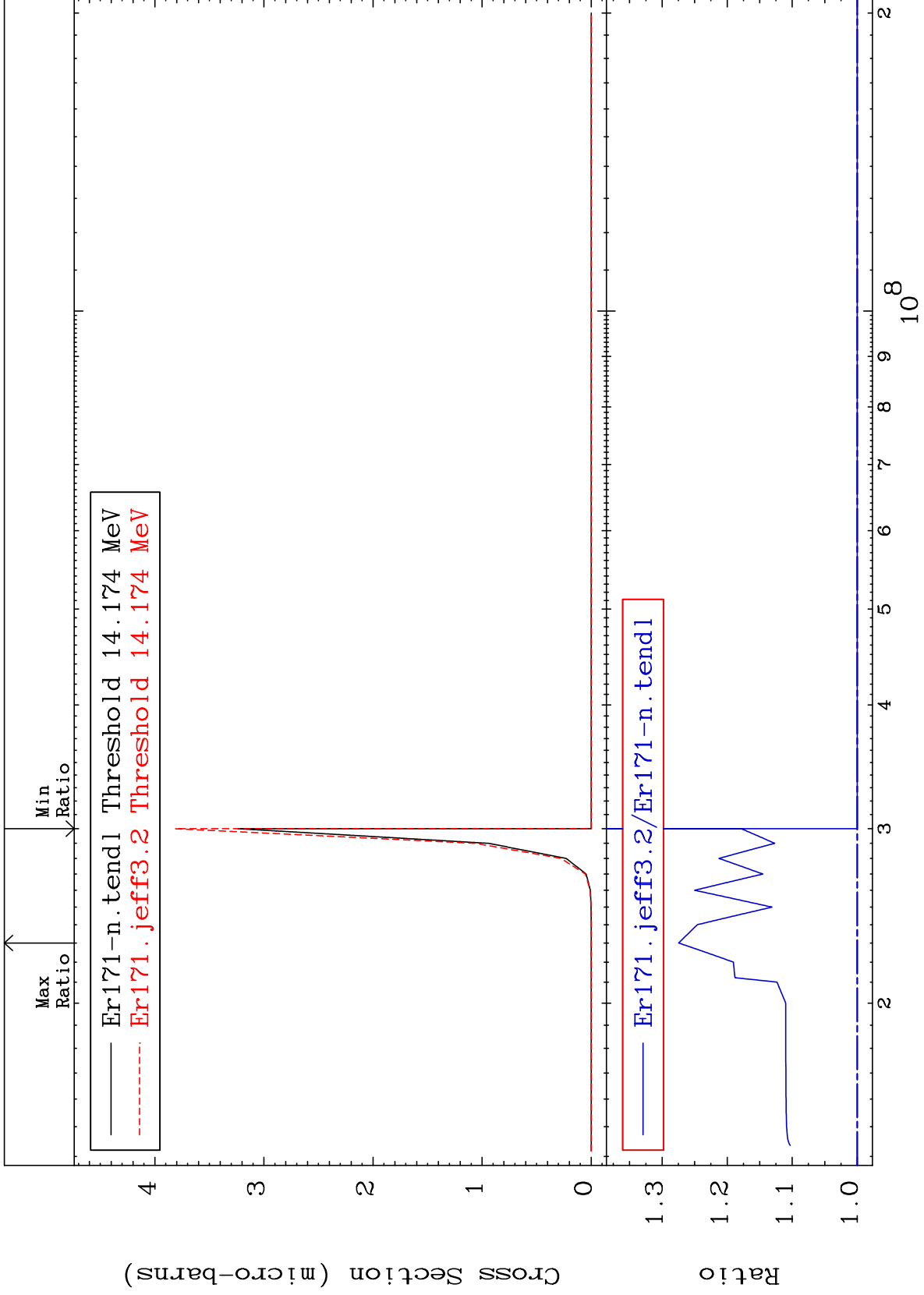
-0.723 To 5.010 %



MAT 6852

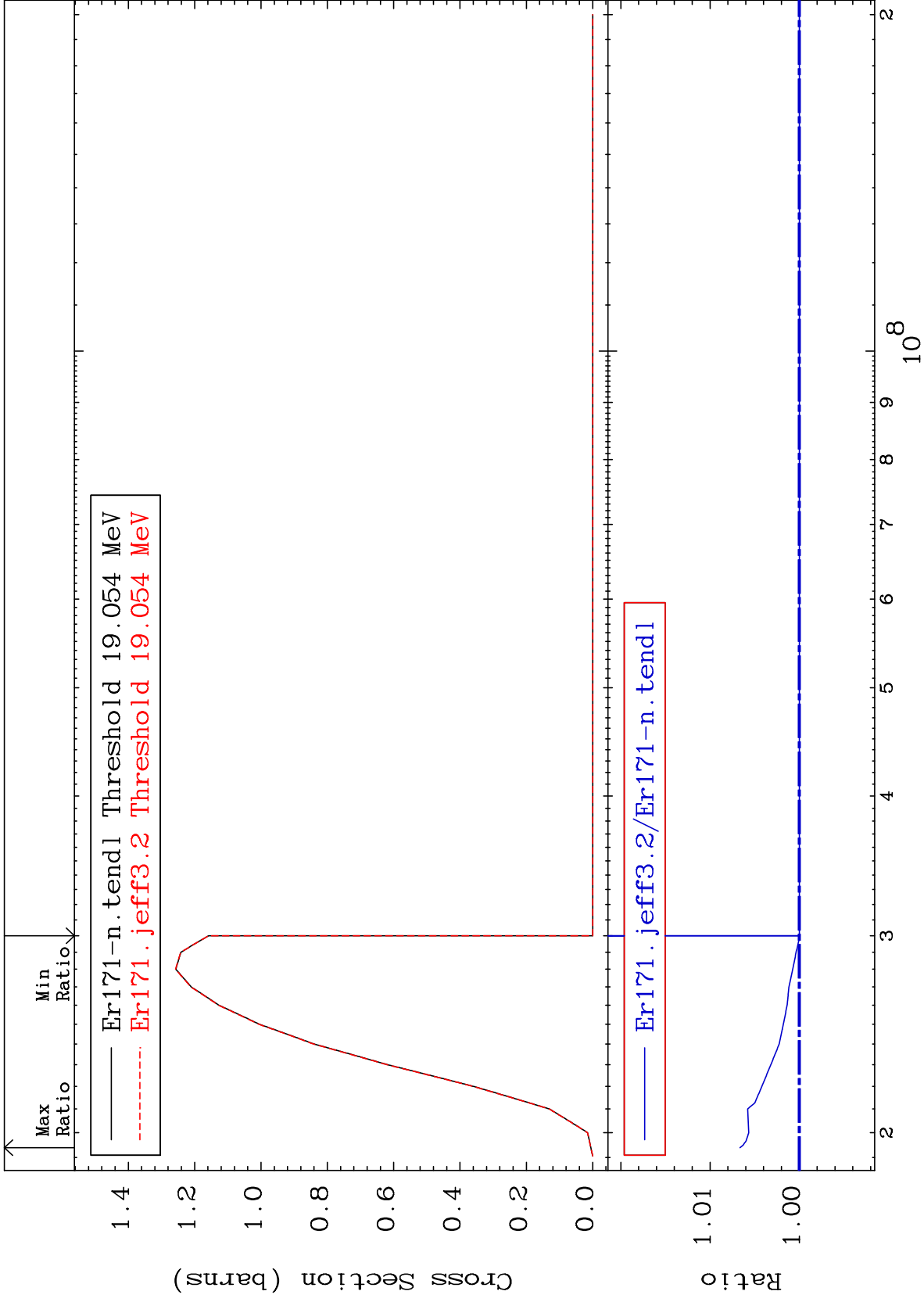
(n, n') He-3
Cross Section

68-Er-171
To 27.46 %
0.000



Cross Section

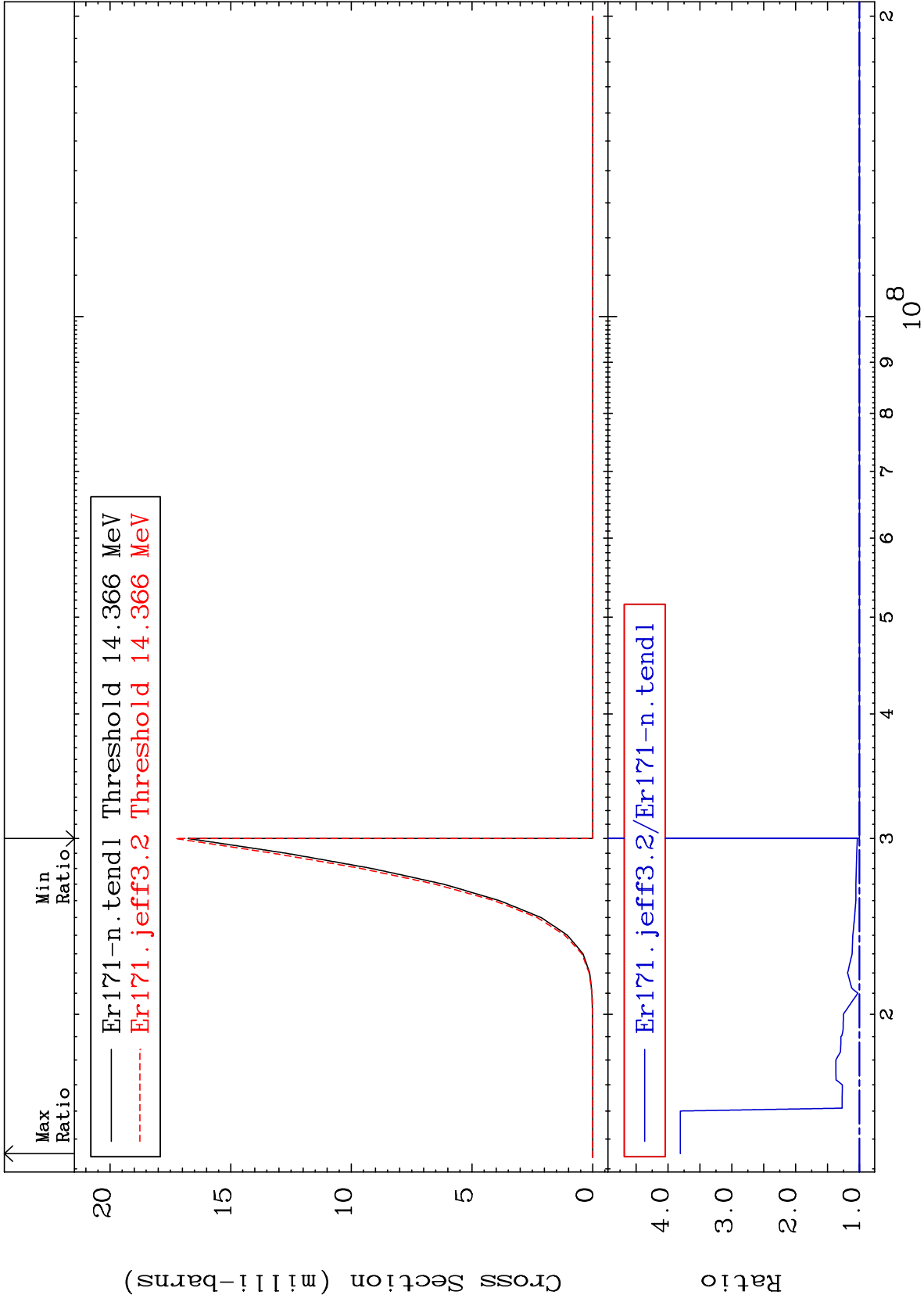
-0.007 To 0.665 %



MAT 6852

(n,2n) p
Cross Section

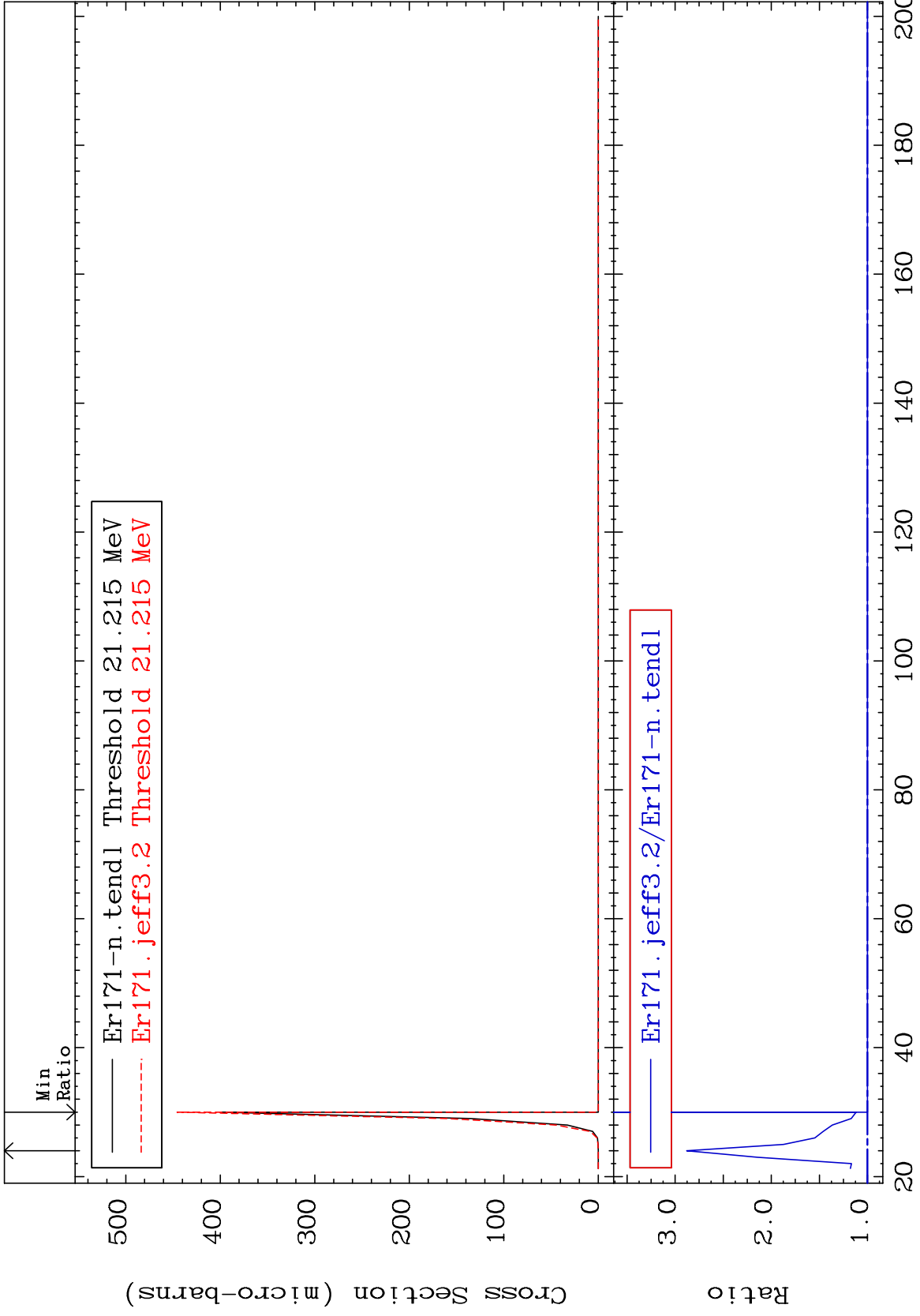
68-Er-171
0.000 To 280.6 %



MAT 6852

(n,3n) p
Cross Section

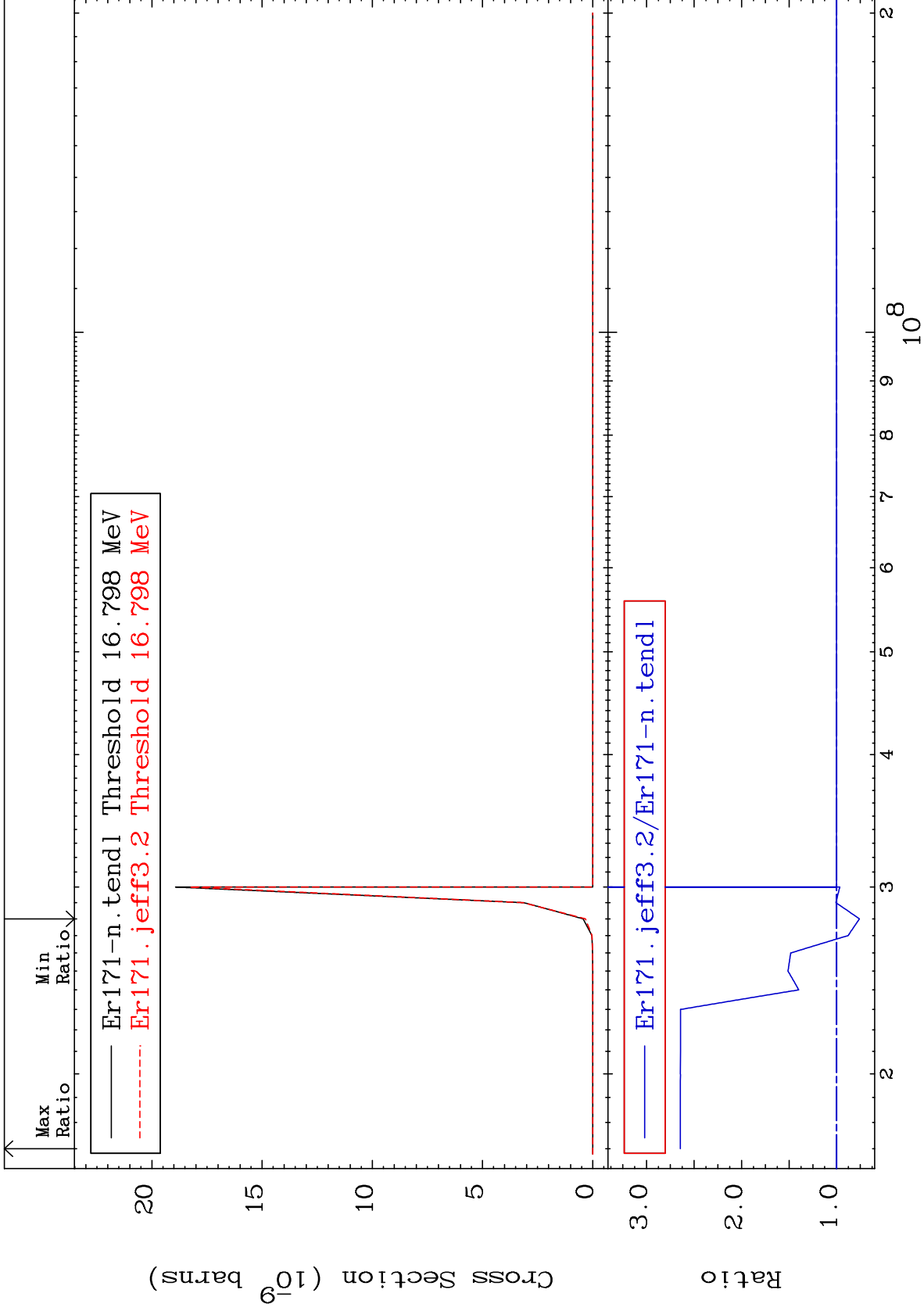
68-Er-171
0.000 To 187.9 %



MAT 6852

(n,2n) p
Cross Section

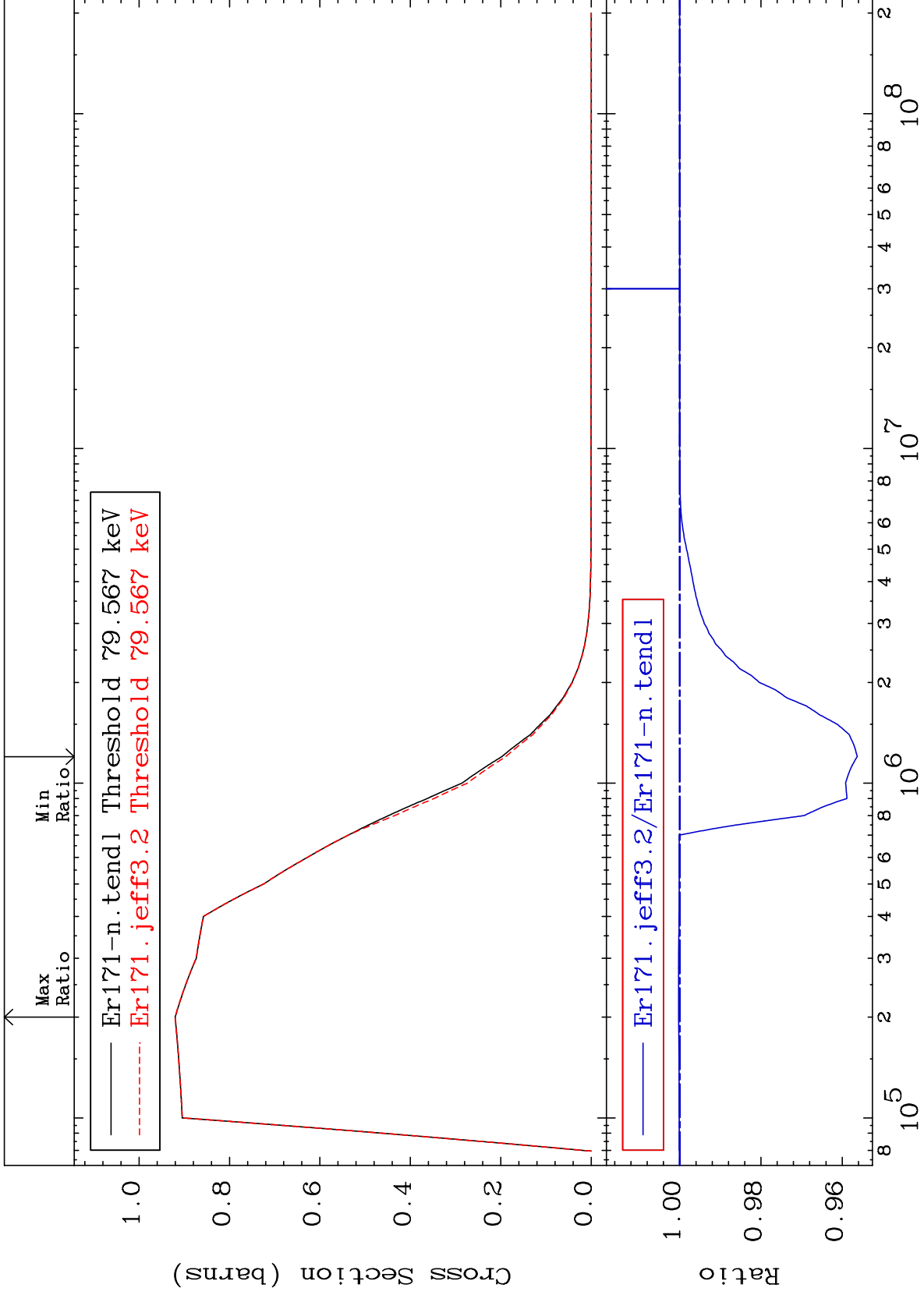
68-Er-171
-24.04 To 164.4 %



MAT 6852

79.10 keV (n,n') Level
Cross Section

68-Er-171
-4.370 To 0.027 %



18

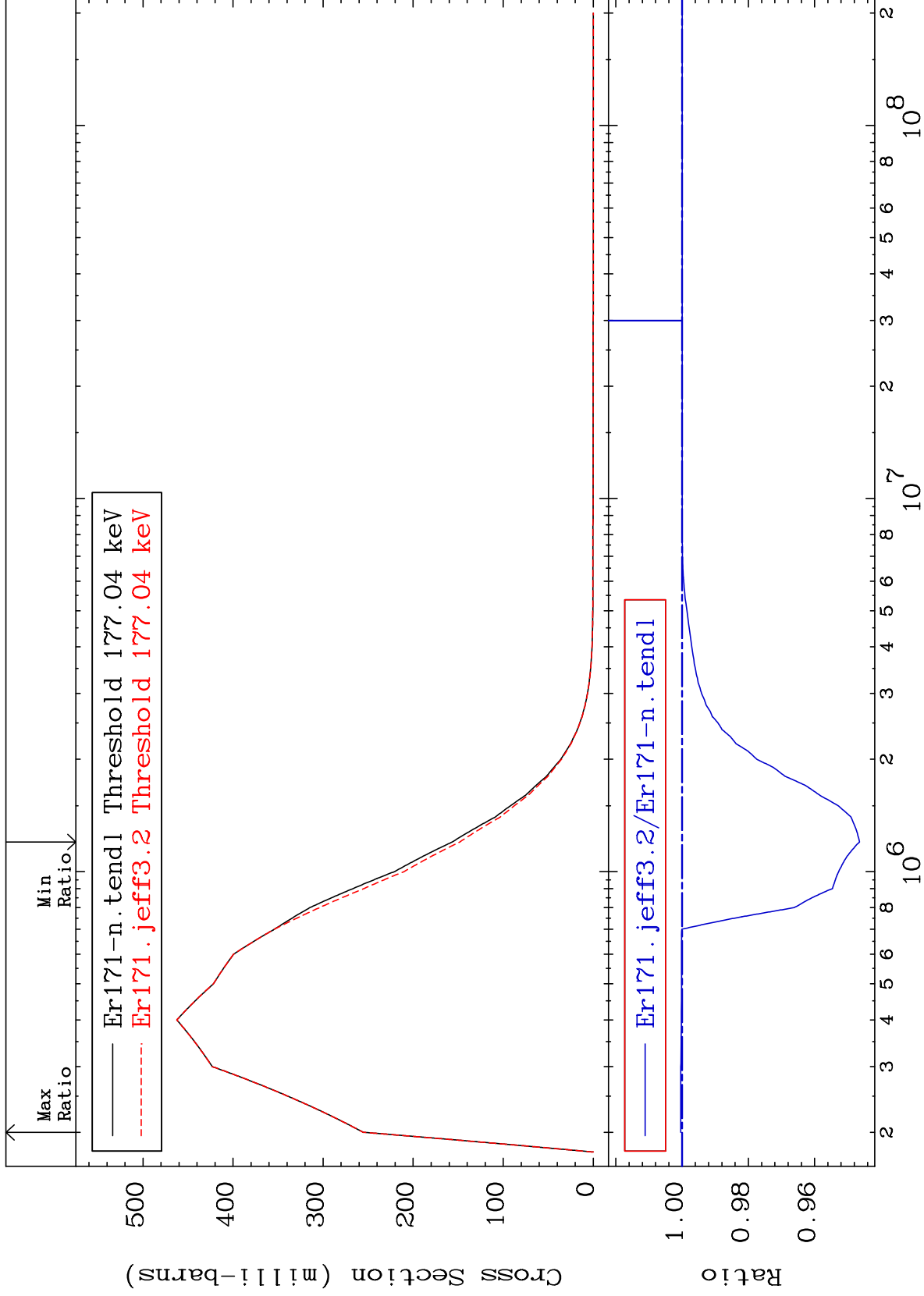
Incident Energy (eV)

68-Er-171

MAT 6852

176.0 keV (n,n') Level
Cross Section

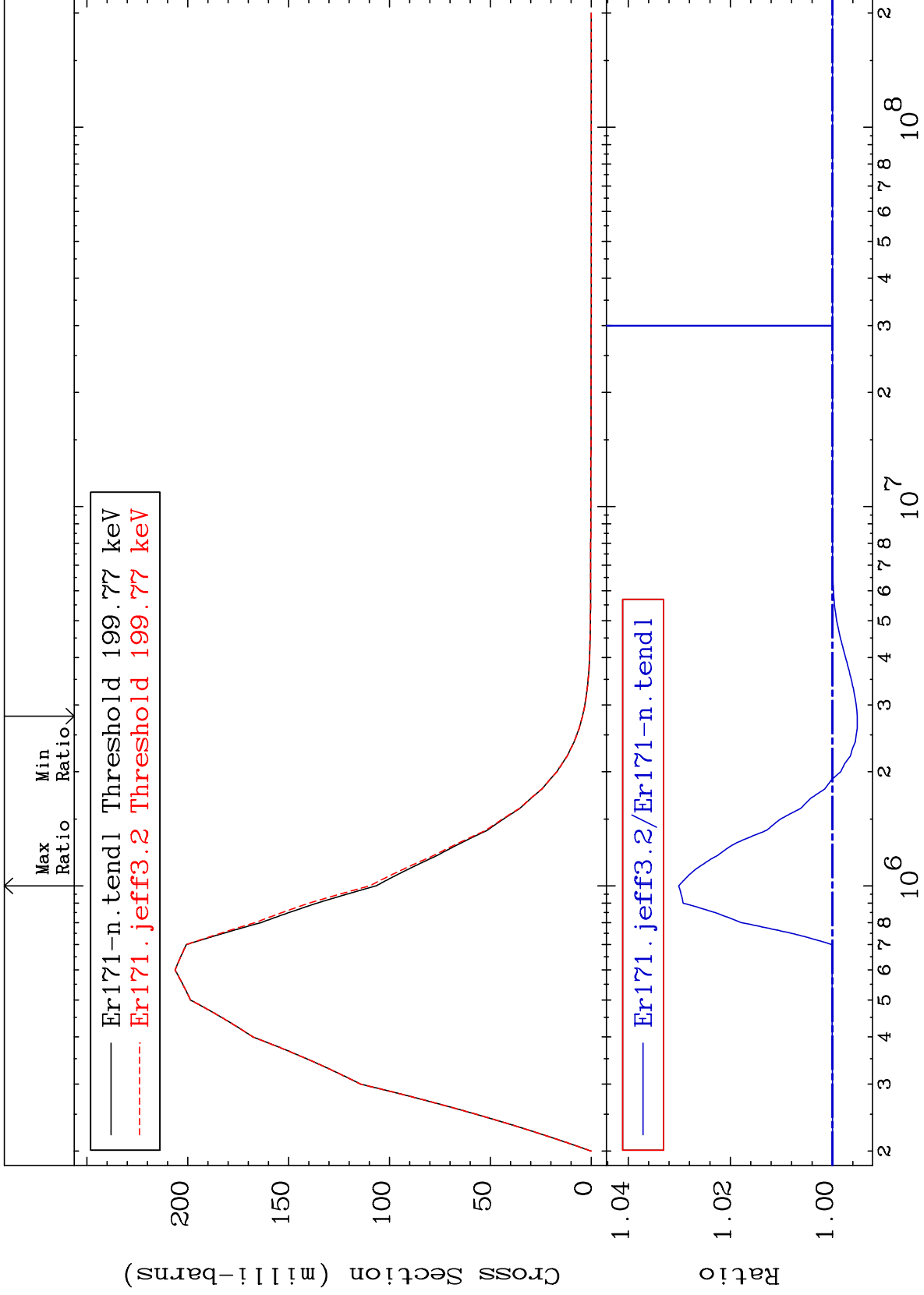
68-Er-171
-5.356 To 0.040 %



MAT 6852

198.6 keV (n,n') Level
Cross Section

68-Er-171
-0.485 To 3.012 %



20

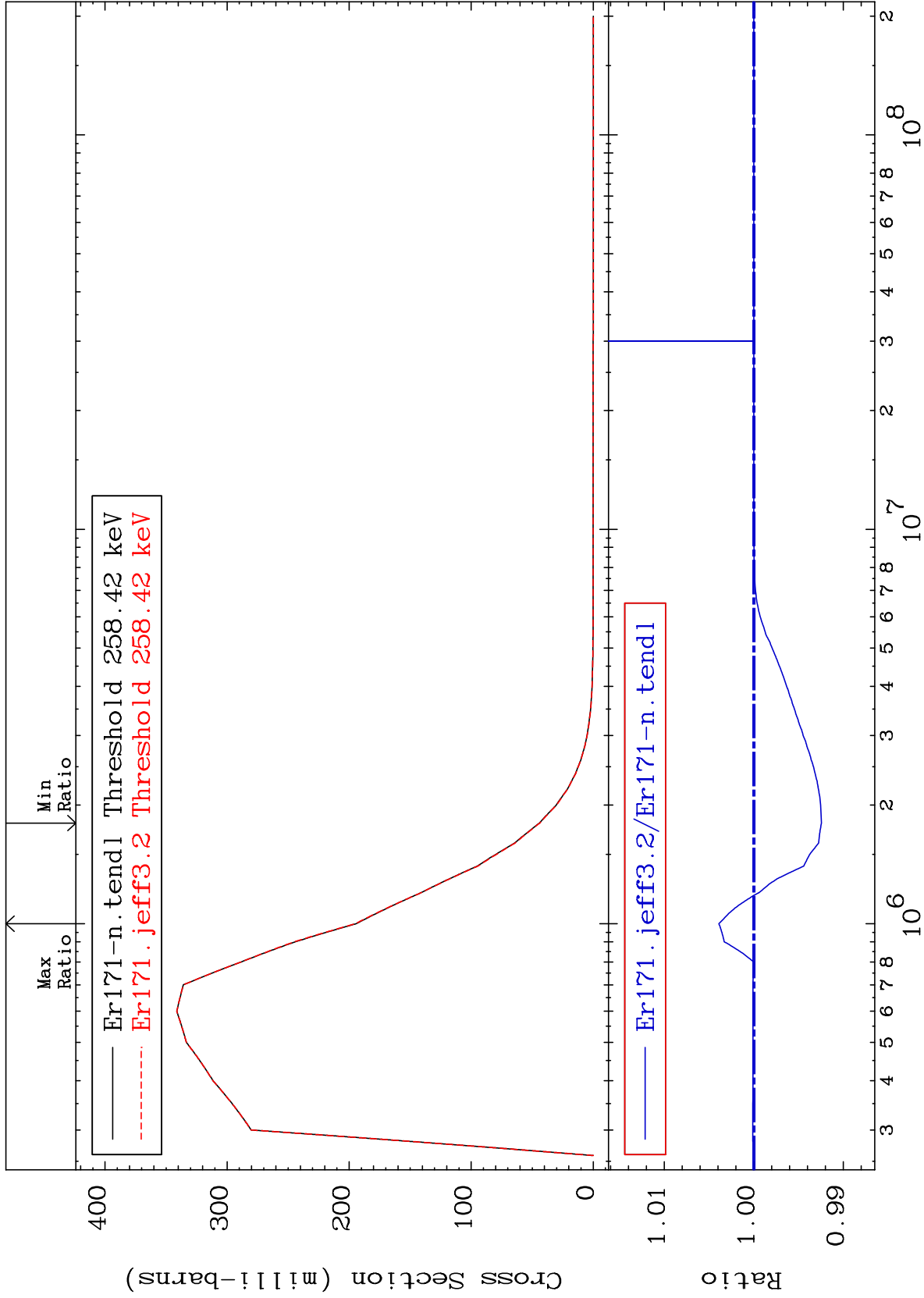
Incident Energy (eV)

68-Er-171

MAT 6852

256.9 keV (n,n') Level
Cross Section

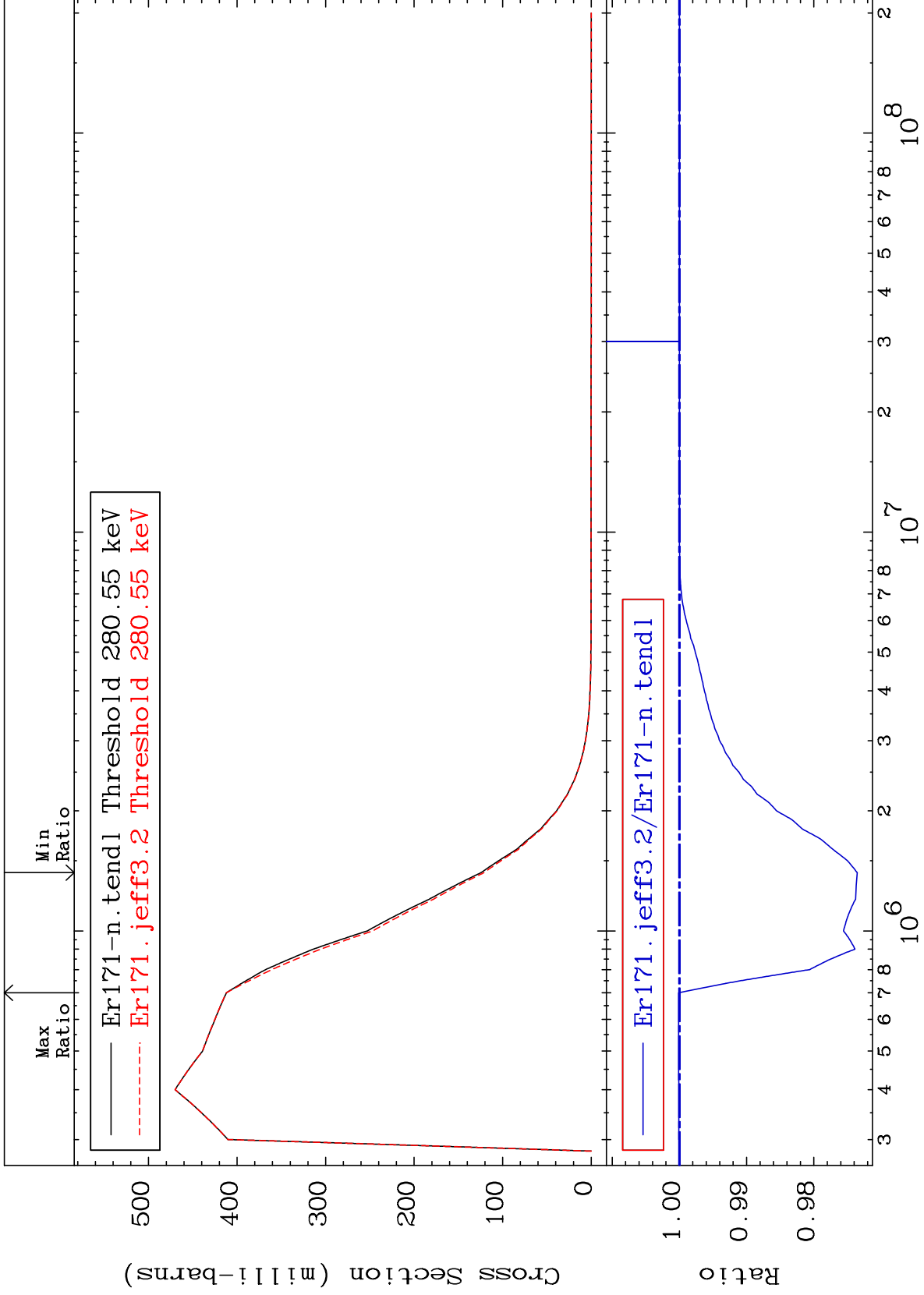
68-Er-171
-0.755 To 0.390 %

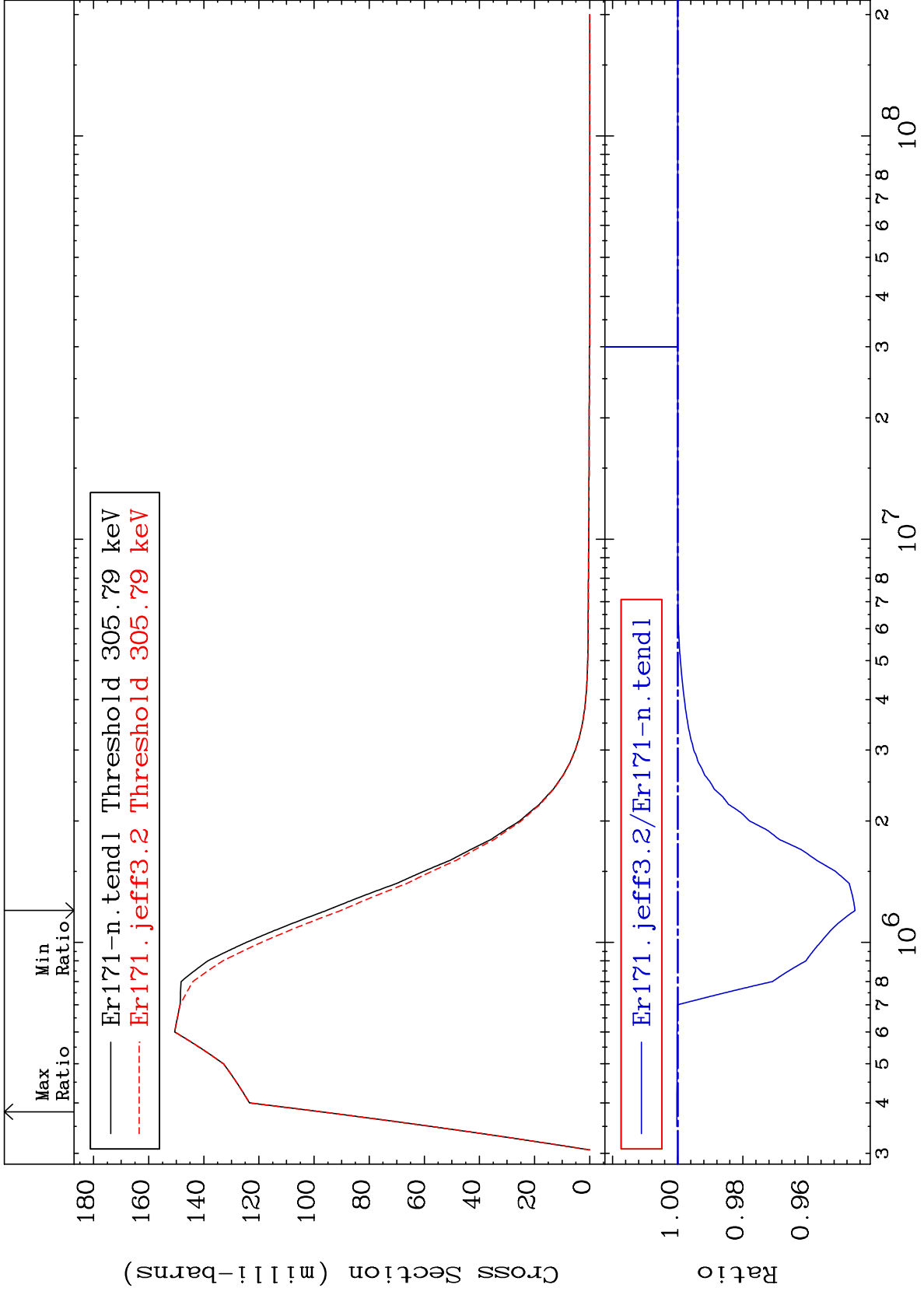


MAT 6852

278.9 keV (n,n') Level
Cross Section

68-Er-171
-2.646 To 0.011 %

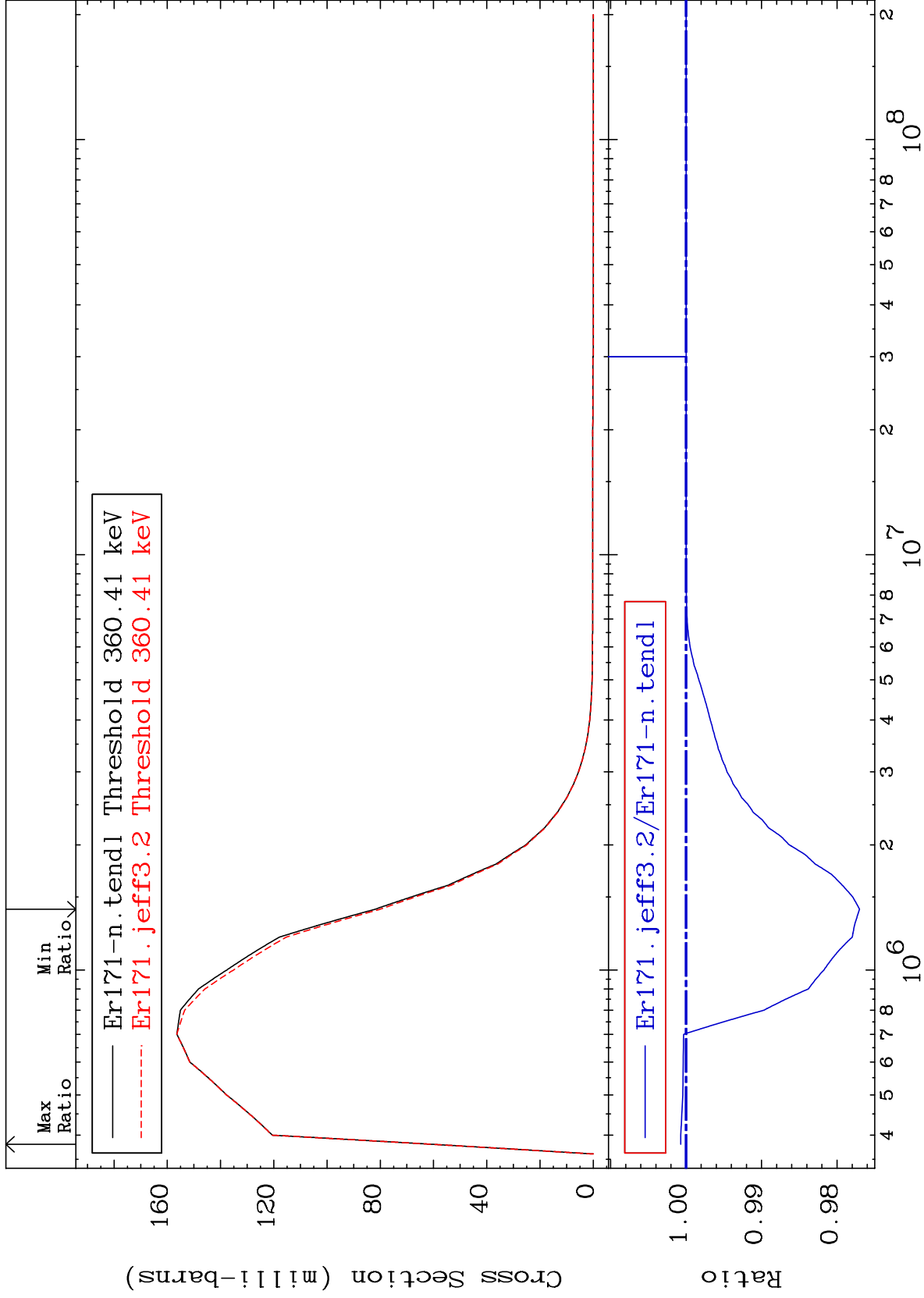




MAT 6852

358.3 keV (n,n') Level
Cross Section

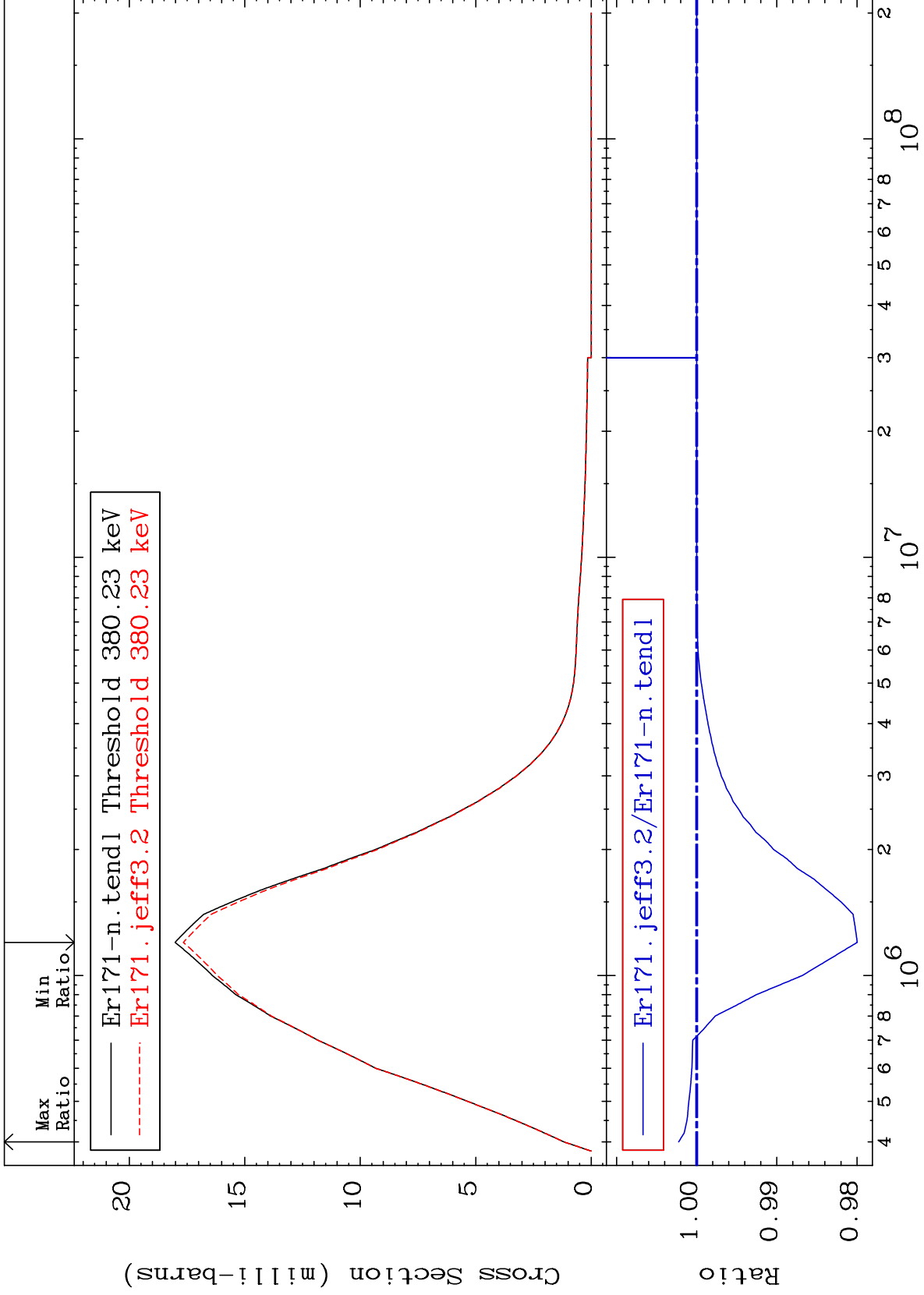
68-Er-171
-2.298 To 0.071 %

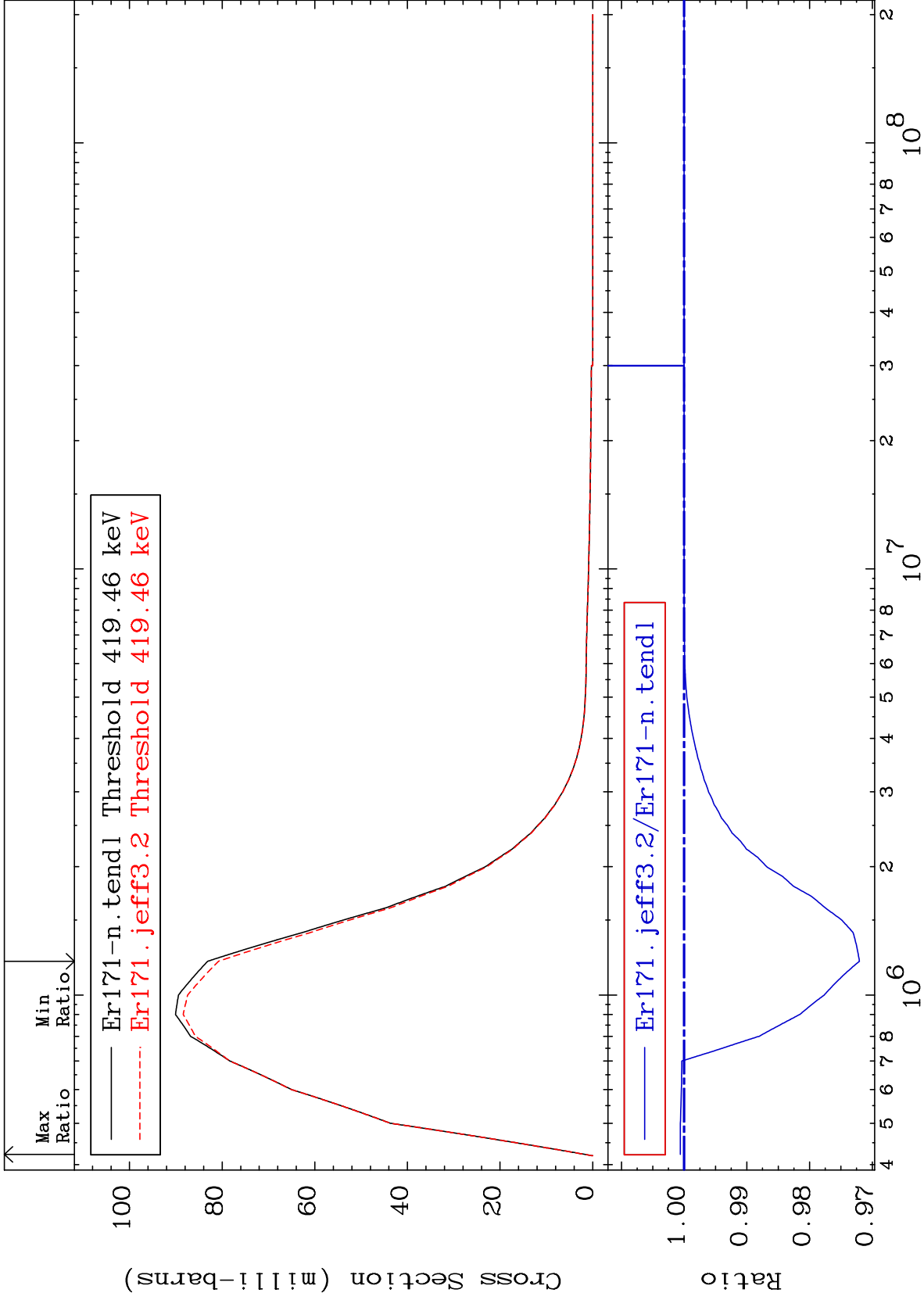


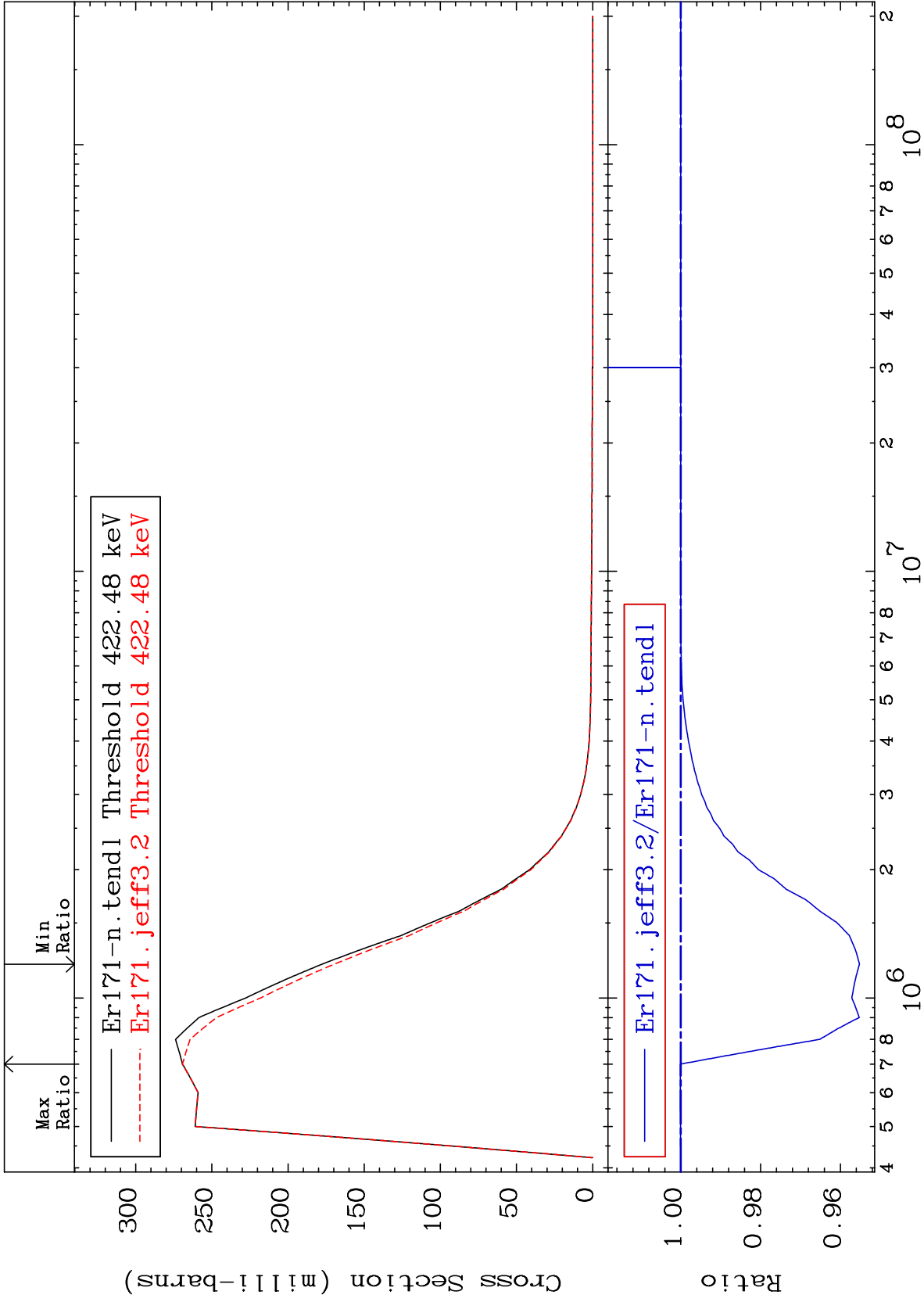
MAT 6852

378.0 keV (n,n') Level
Cross Section

68-Er-171
-2.004 To 0.225 %



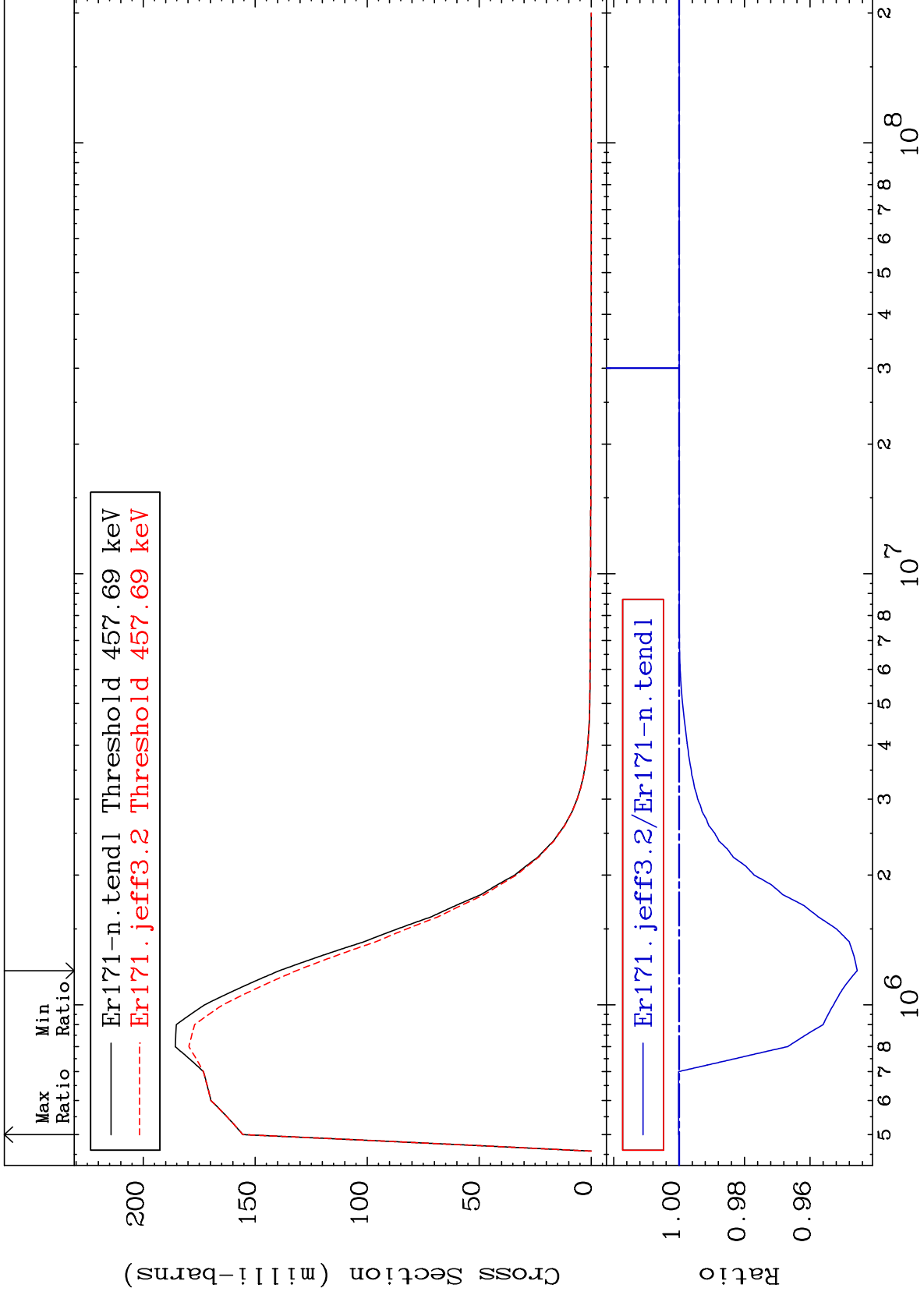


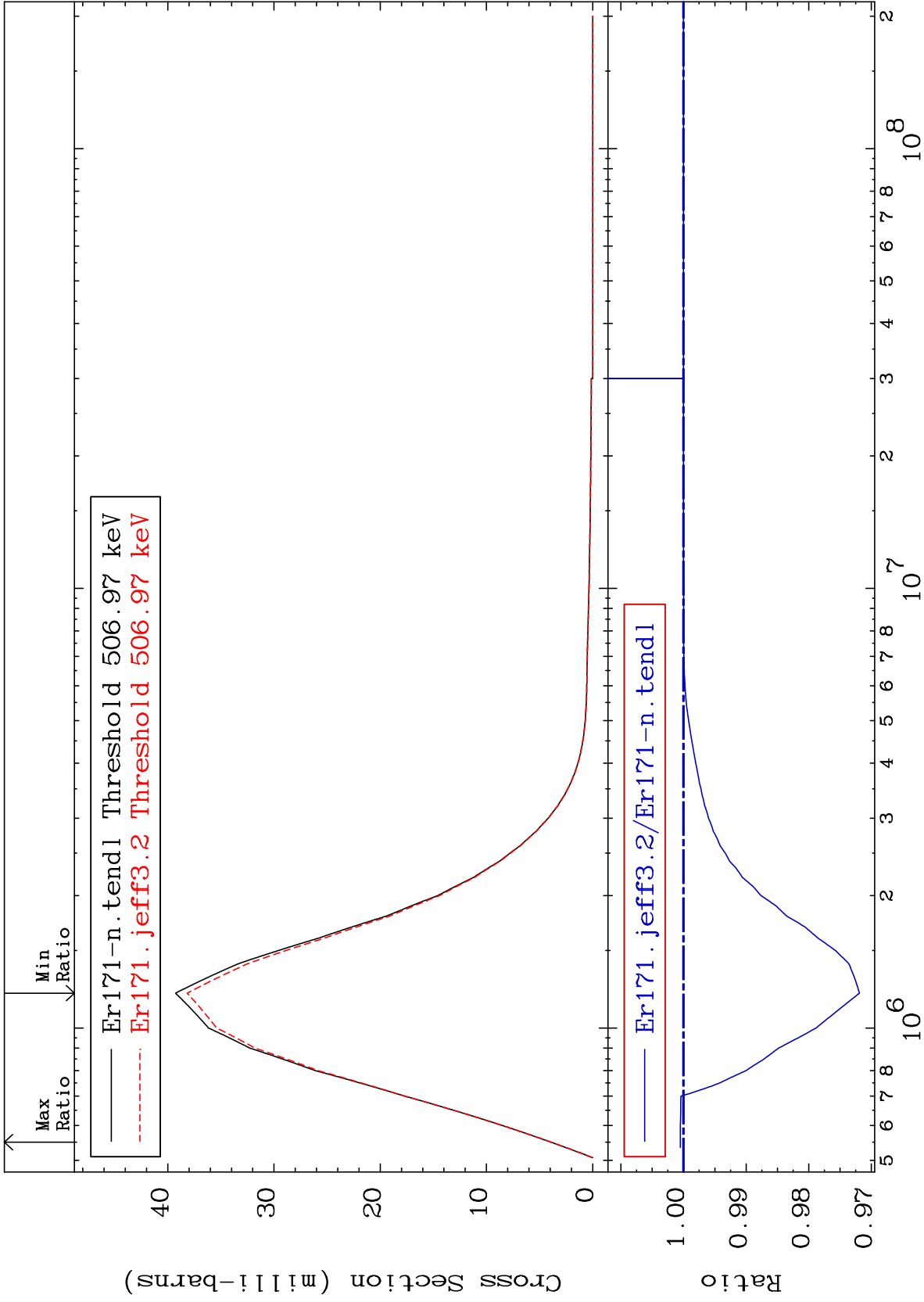


MAT 6852

455.0 keV (n,n') Level
Cross Section

68-Er-171
-5.440 To 0.015 %

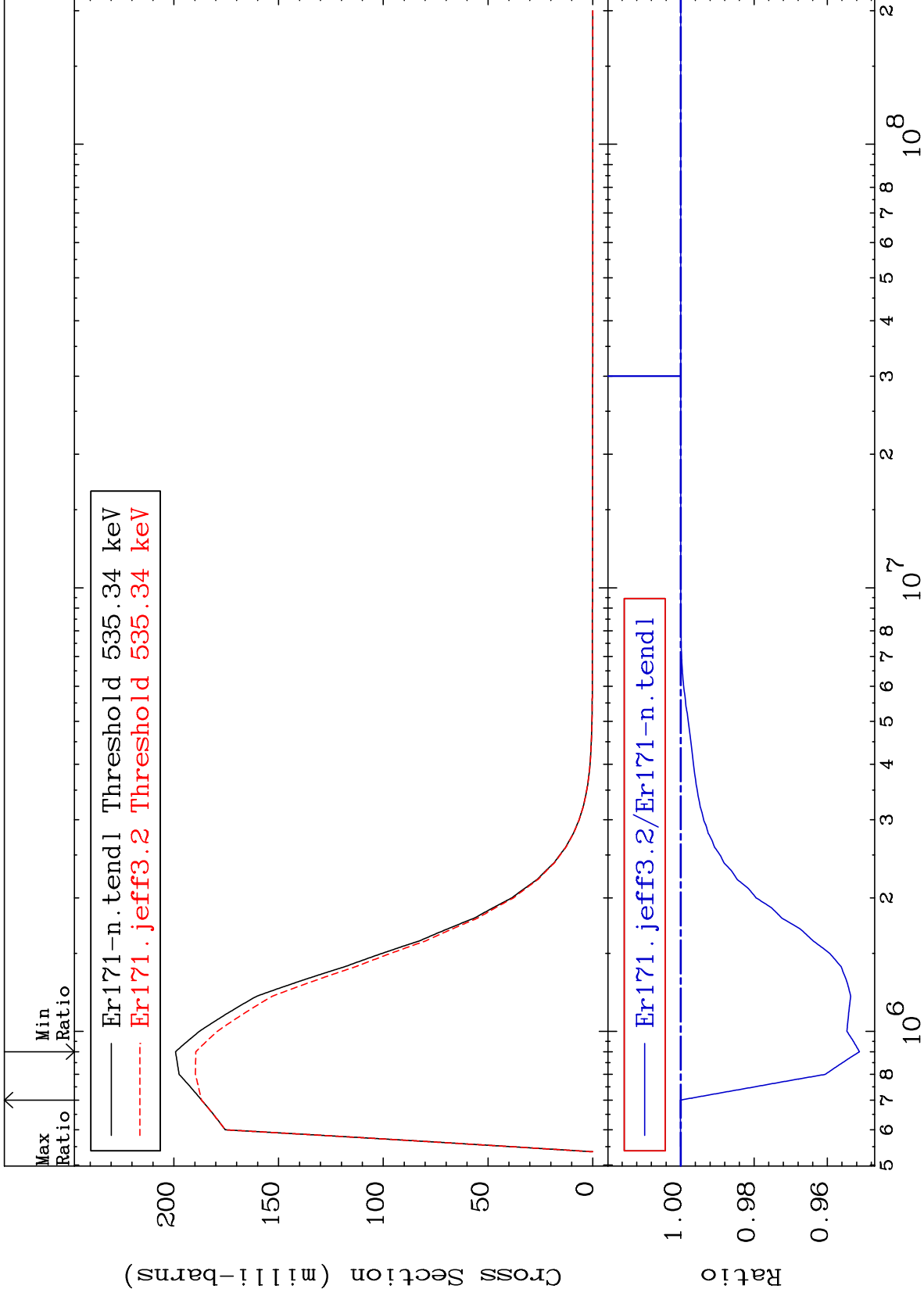




MAT 6852

532.2 keV (n,n') Level
Cross Section

68-Er-171
-4.876 To 0.011 %



30

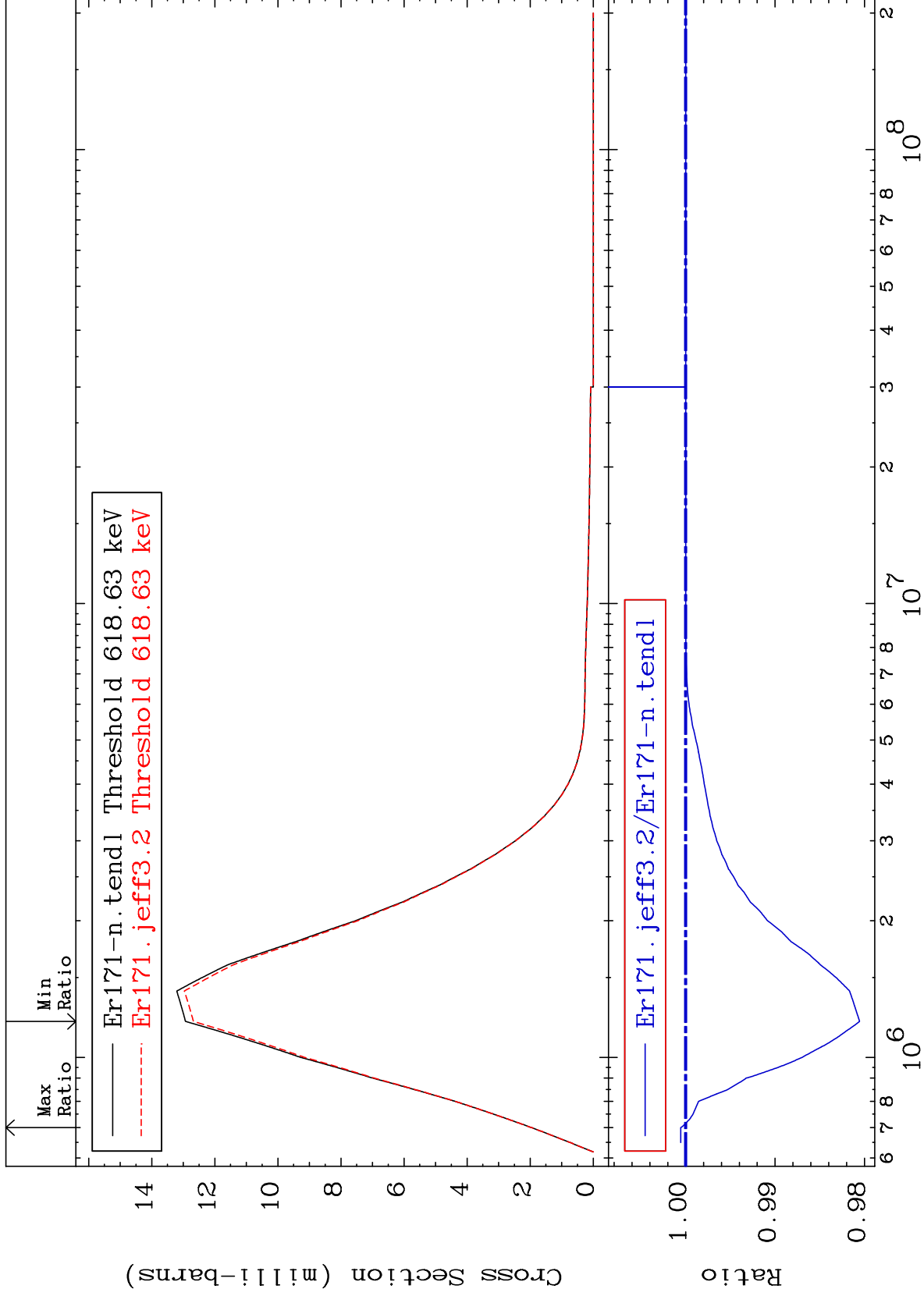
Incident Energy (eV)

68-Er-171

MAT 6852

615.0 keV (n,n') Level
Cross Section

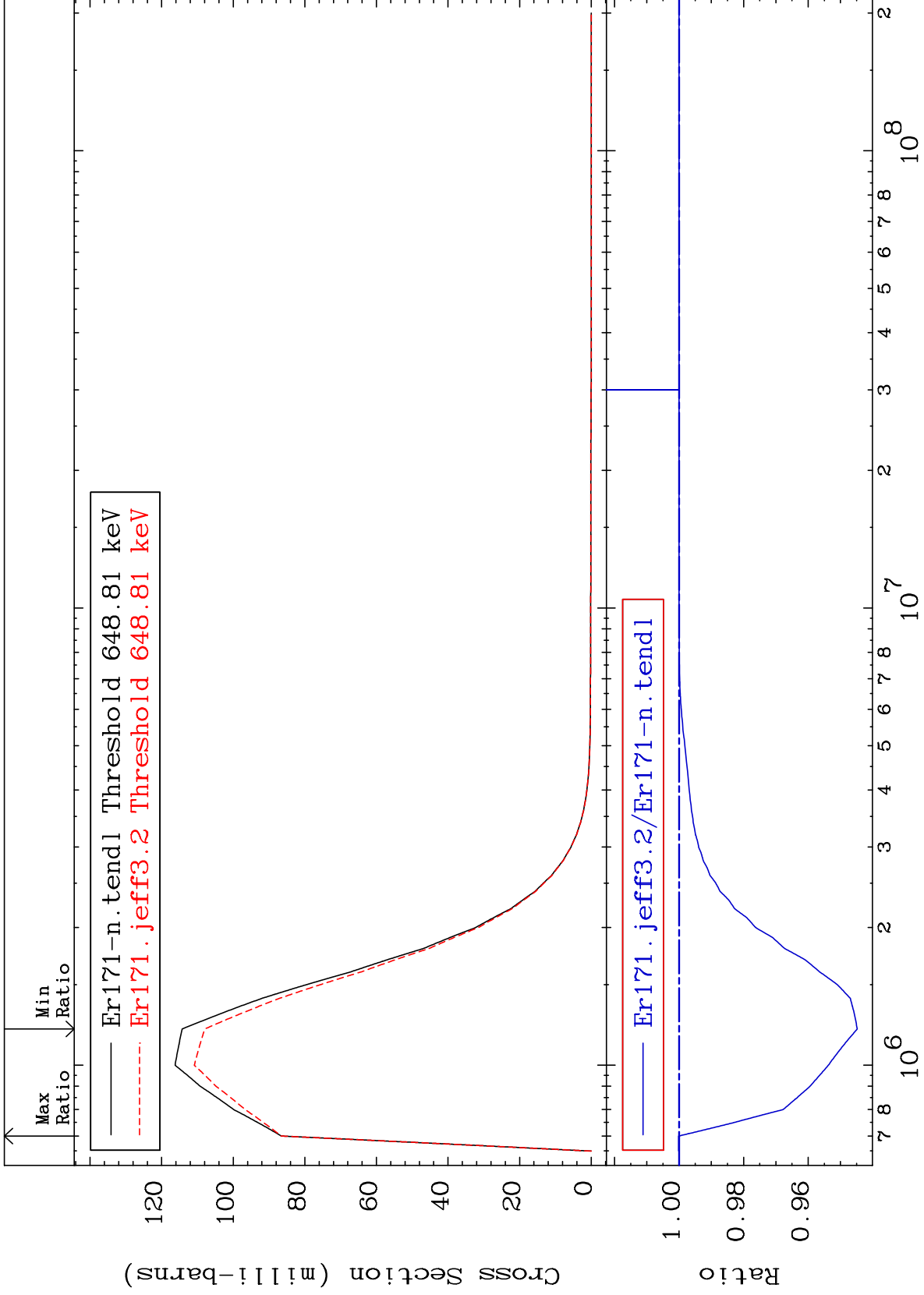
68-Er-171
-1.944 To 0.055 %

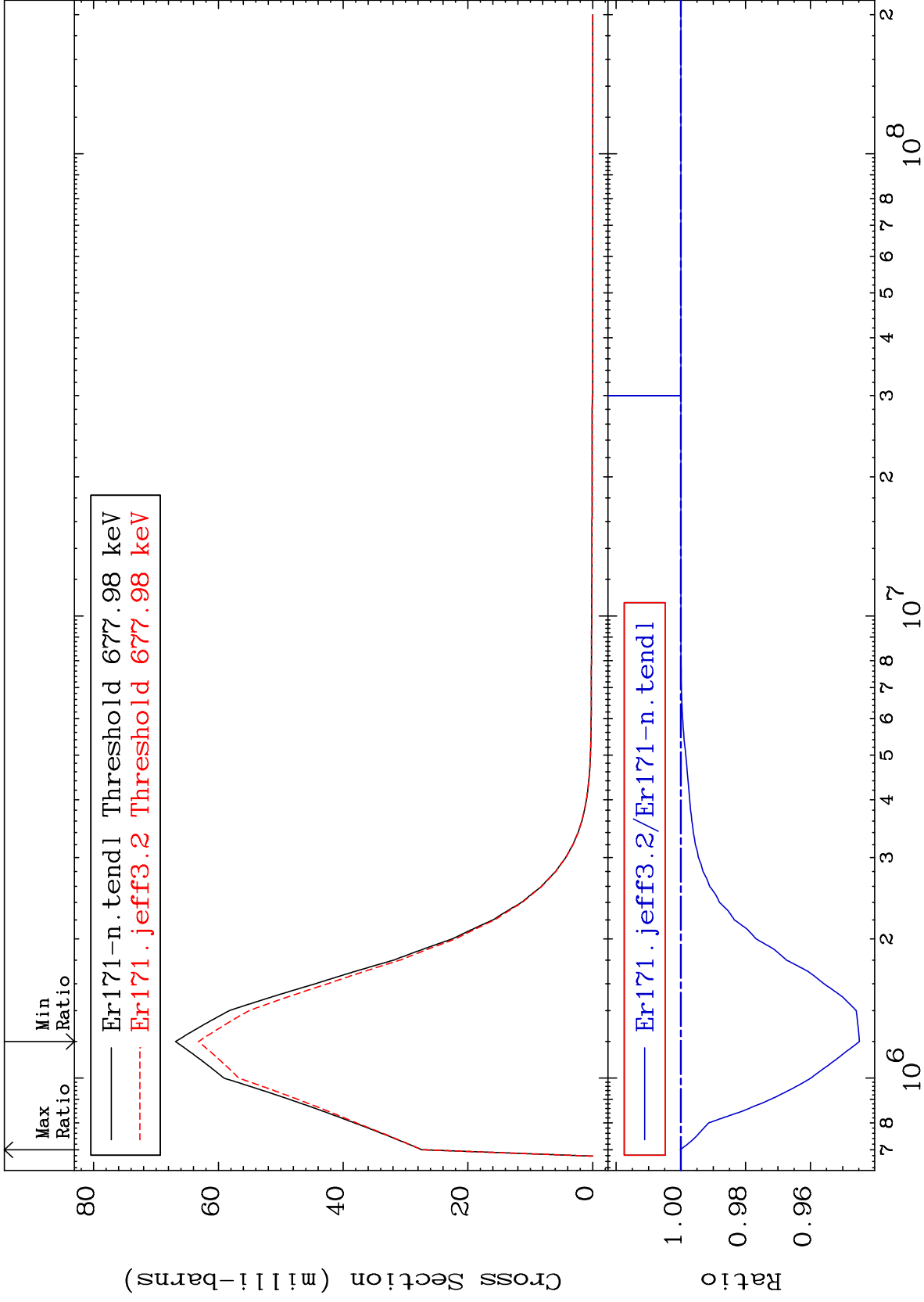


MAT 6852

645.0 keV (n,n') Level
Cross Section

68-Er-171
-5.521 To 0.014 %

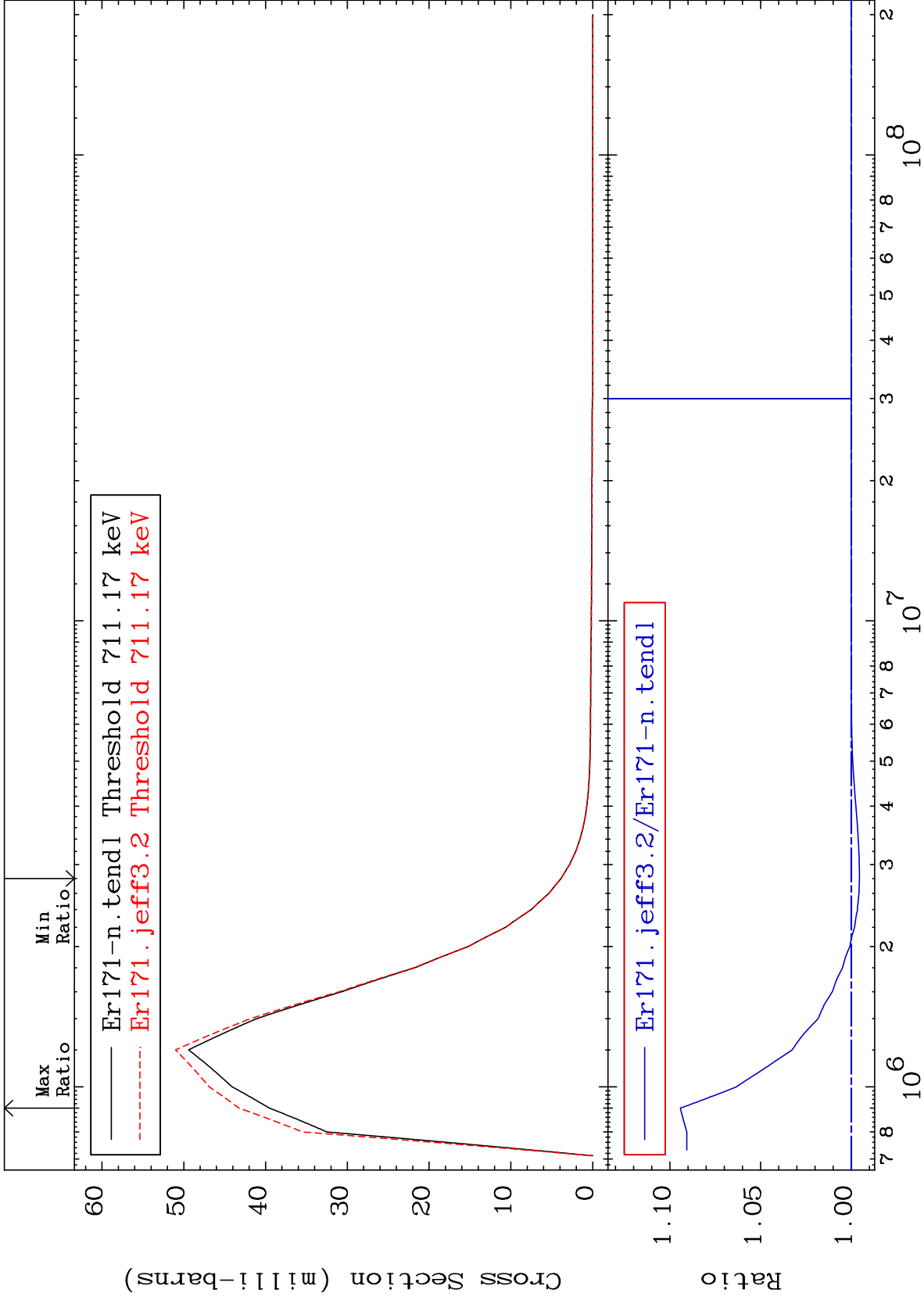




MAT 6852

707.0 keV (n,n') Level
Cross Section

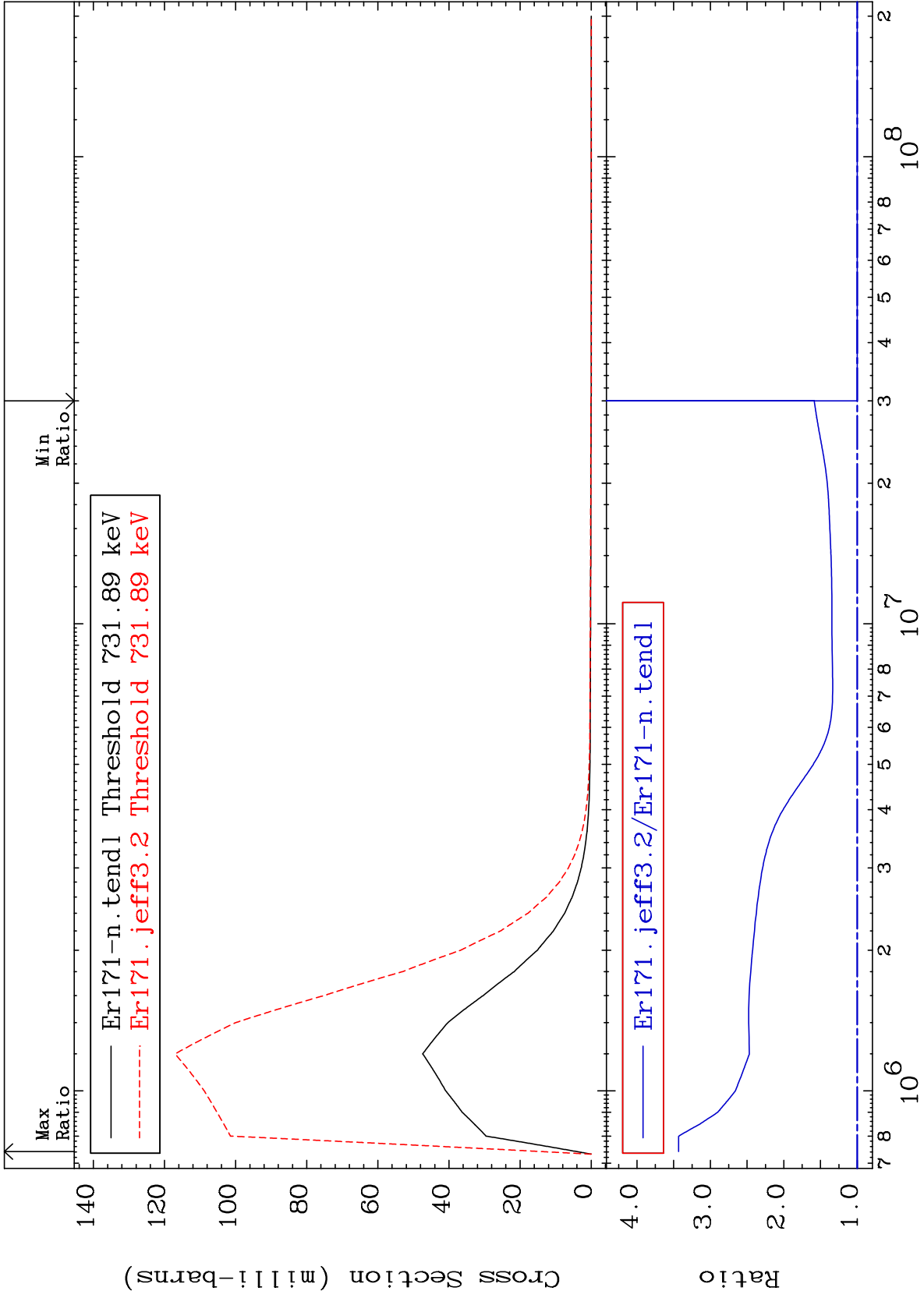
68-Er-171
-0.452 To 9.425 %



MAT 6852

727.6 keV (n,n') Level
Cross Section

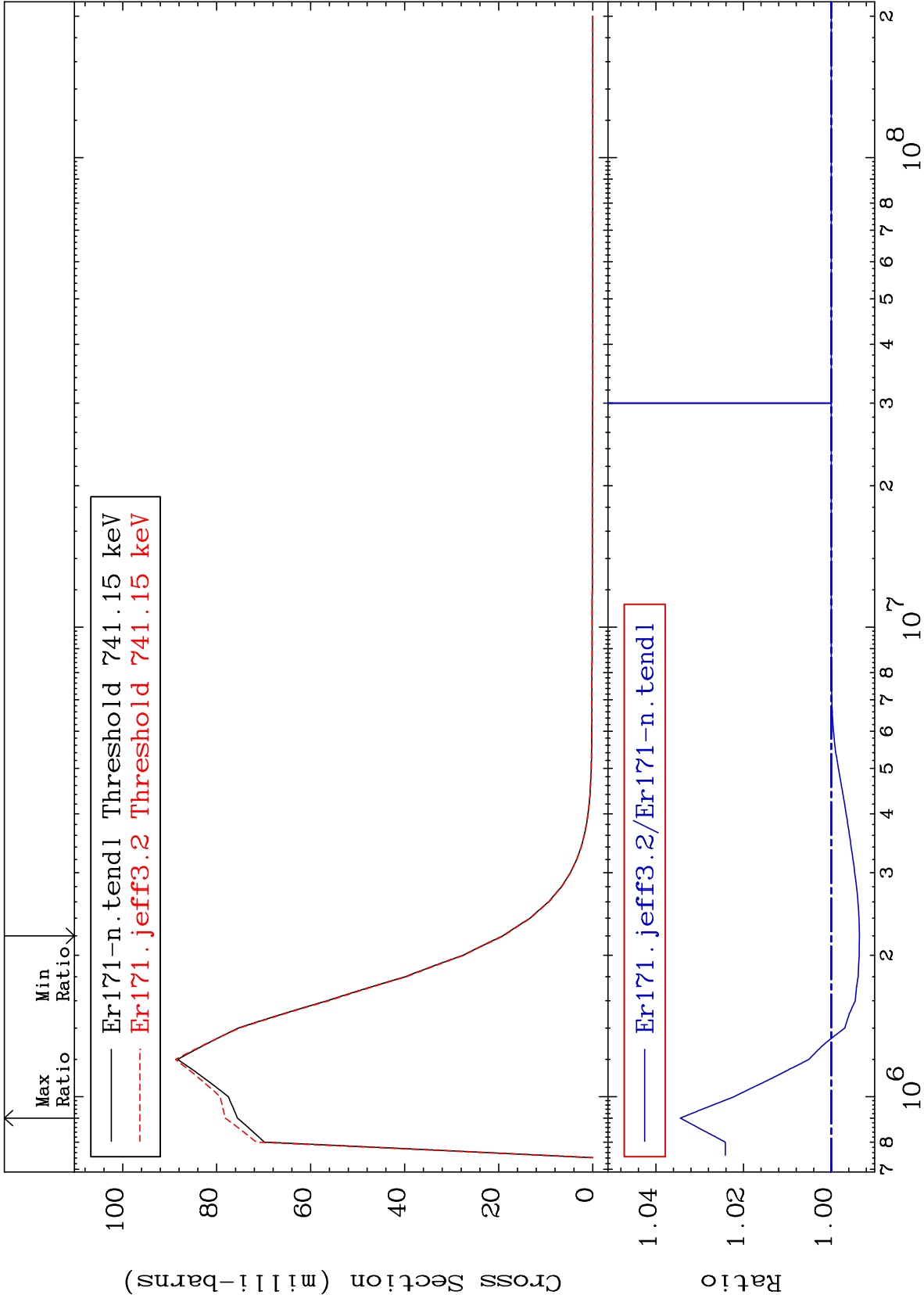
68-Er-171
0.000 To 243.3 %



MAT 6852

736.8 keV (n,n') Level
Cross Section

68-Er-171
-0.642 To 3.442 %



36

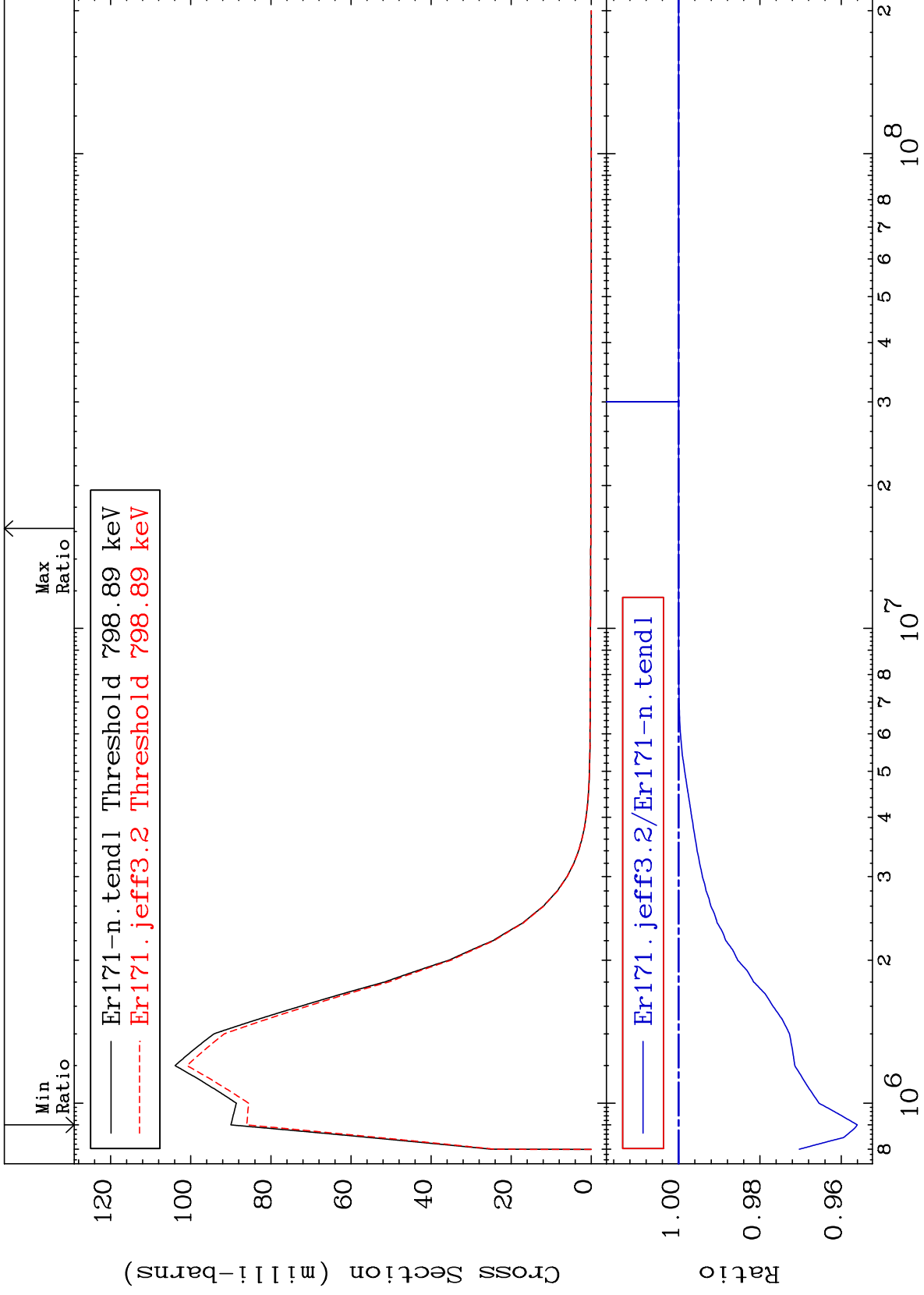
Incident Energy (eV)

68-Er-171

MAT 6852

794.2 keV (n,n') Level
Cross Section

68-Er-171
-4.396 To 0.000 %



37

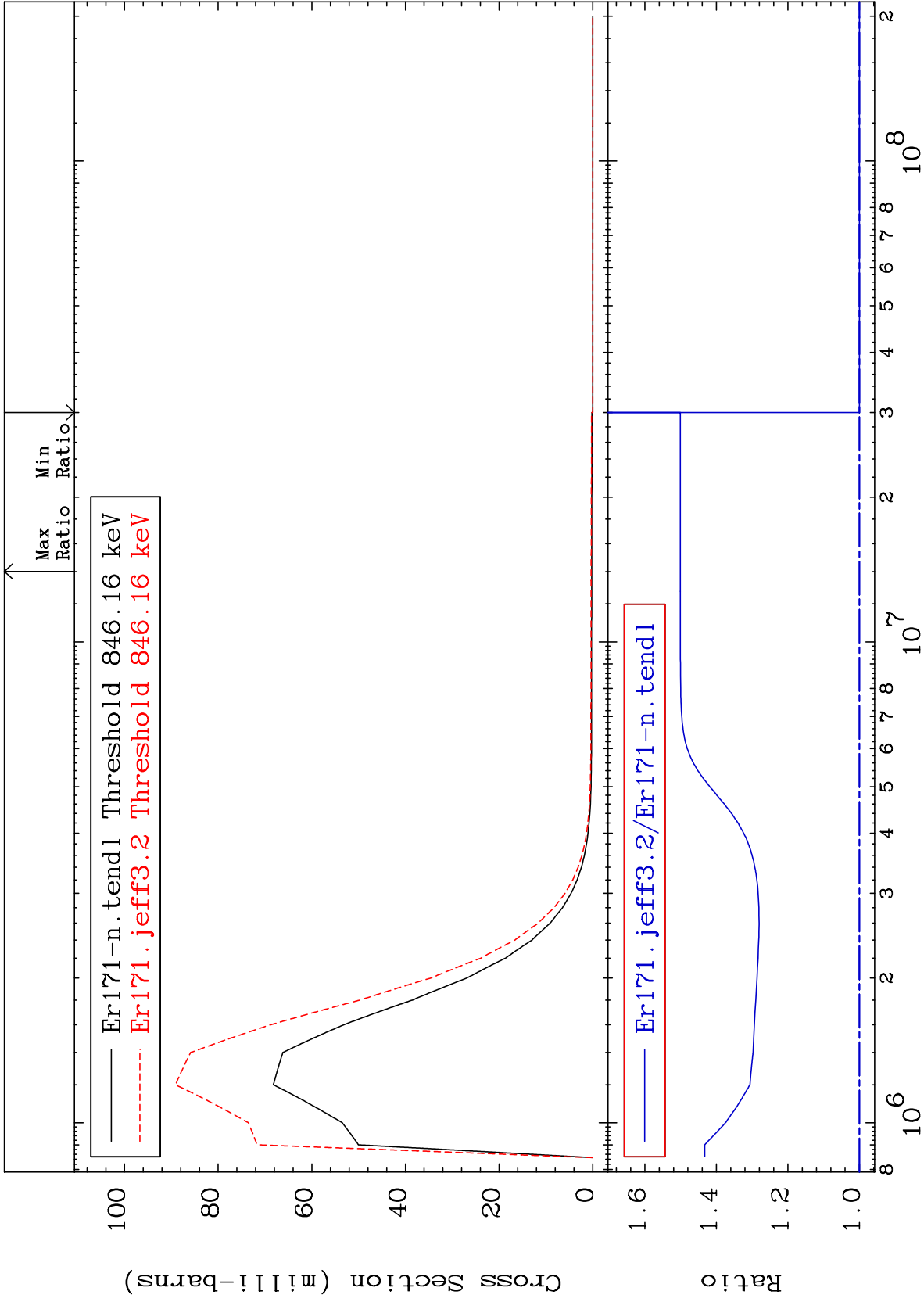
Incident Energy (eV)

68-Er-171

MAT 6852

841.2 keV (n,n') Level
Cross Section

68-Er-171
0.000 To 50.10 %



38

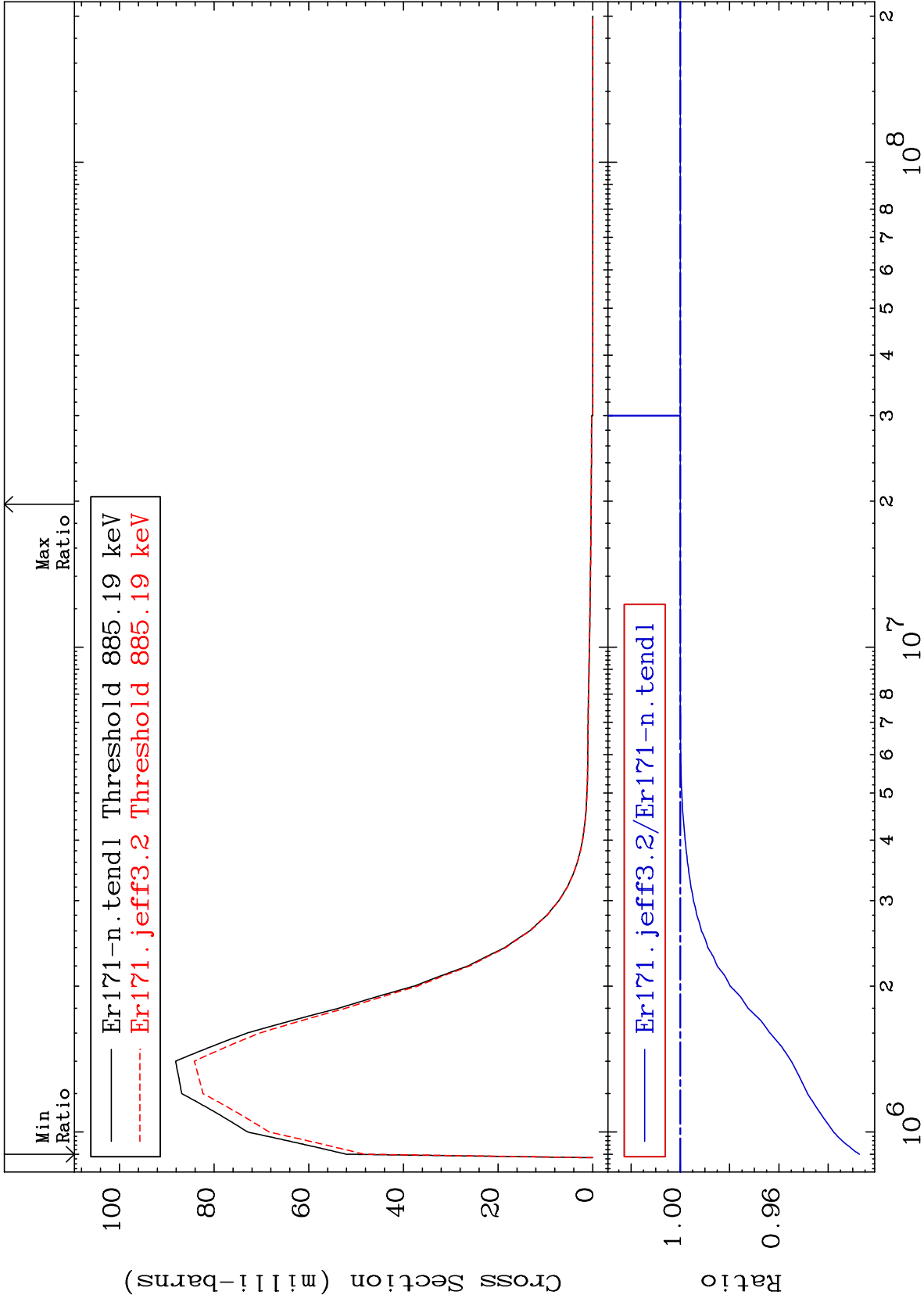
Incident Energy (eV)

68-Er-171

MAT 6852

880.0 keV (n,n') Level
Cross Section

68-Er-171
-7.271 To 0.000 %



39

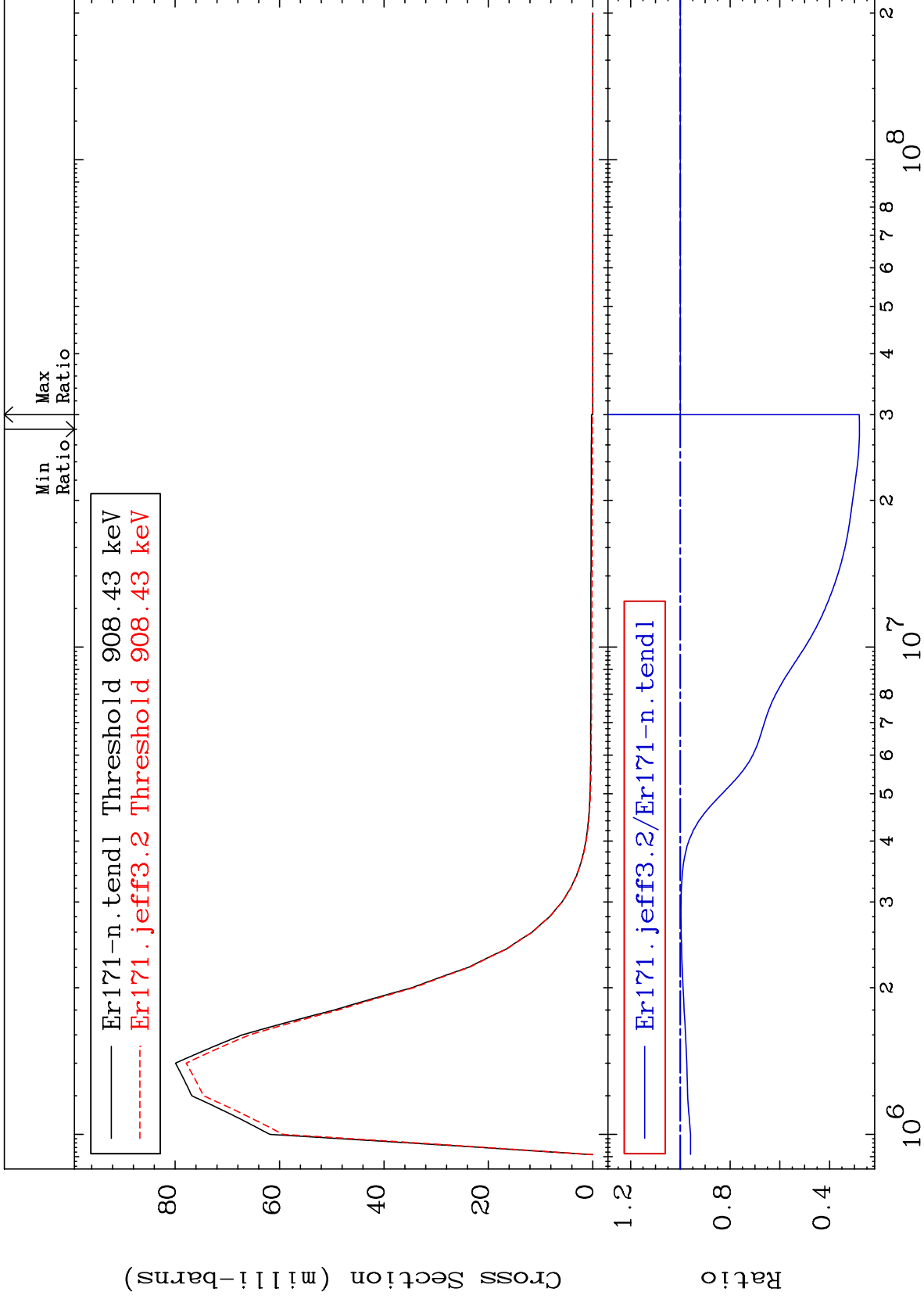
Incident Energy (eV)

68-Er-171

MAT 6852

903.1 keV (n,n') Level
Cross Section

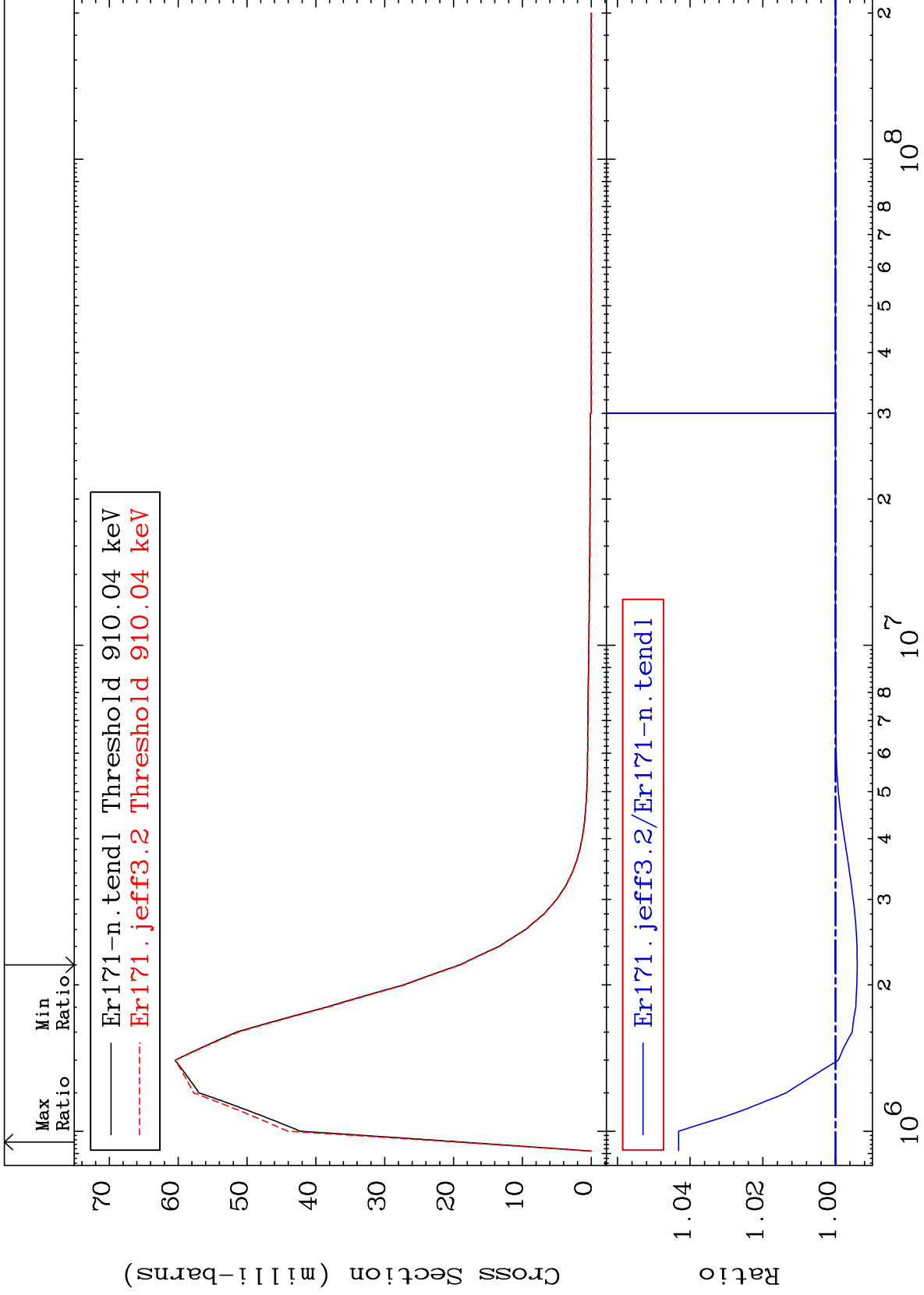
68-Er-171
-72.02 To 0.000 %



MAT 6852

904.7 keV (n,n') Level
Cross Section

68-Er-171
-0.598 To 4.315 %



41

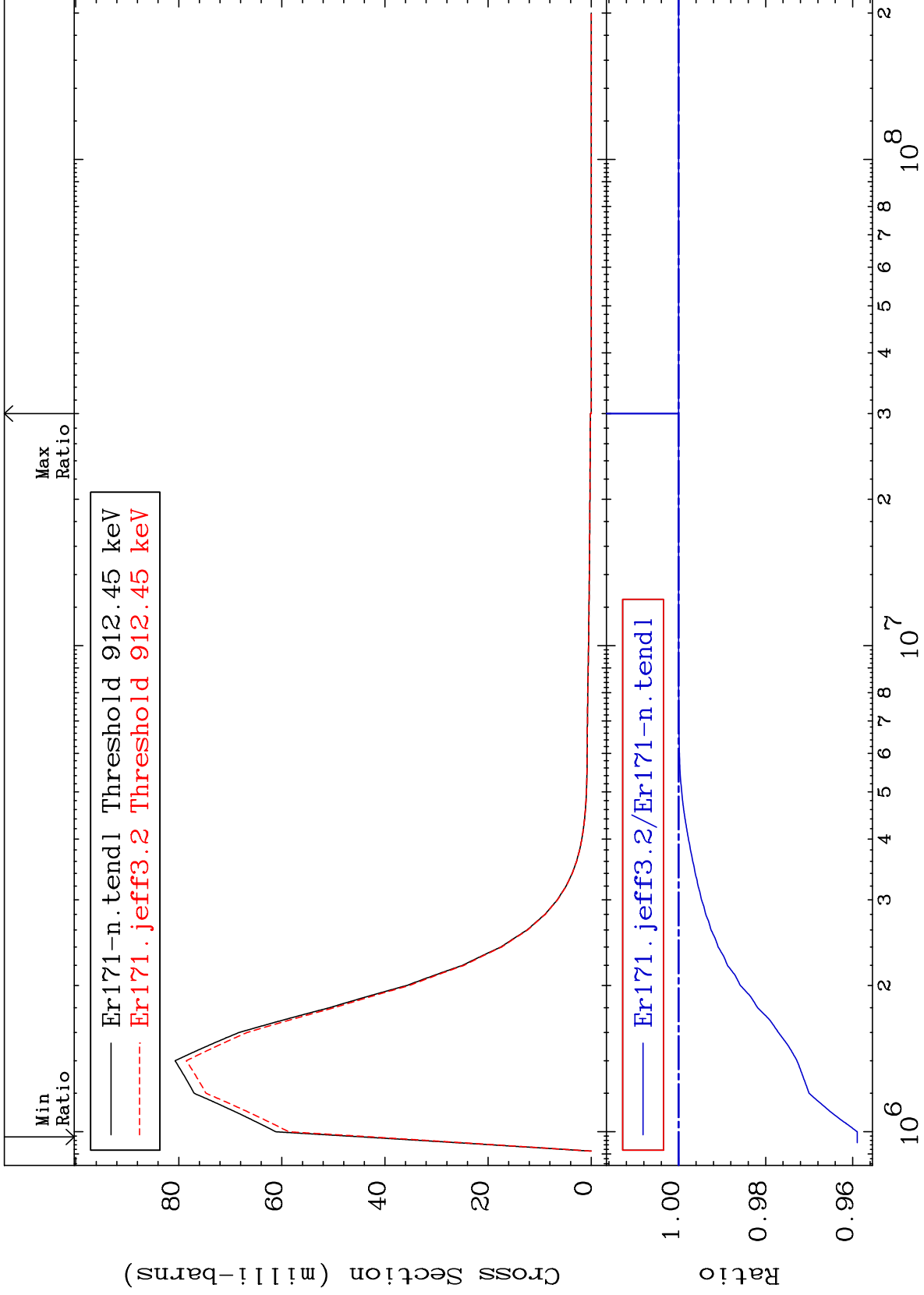
Incident Energy (eV)

68-Er-171

MAT 6852

907.1 keV (n,n') Level
Cross Section

68-Er-171
-4.105 To 0.000 %



42

Incident Energy (eV)

68-Er-171

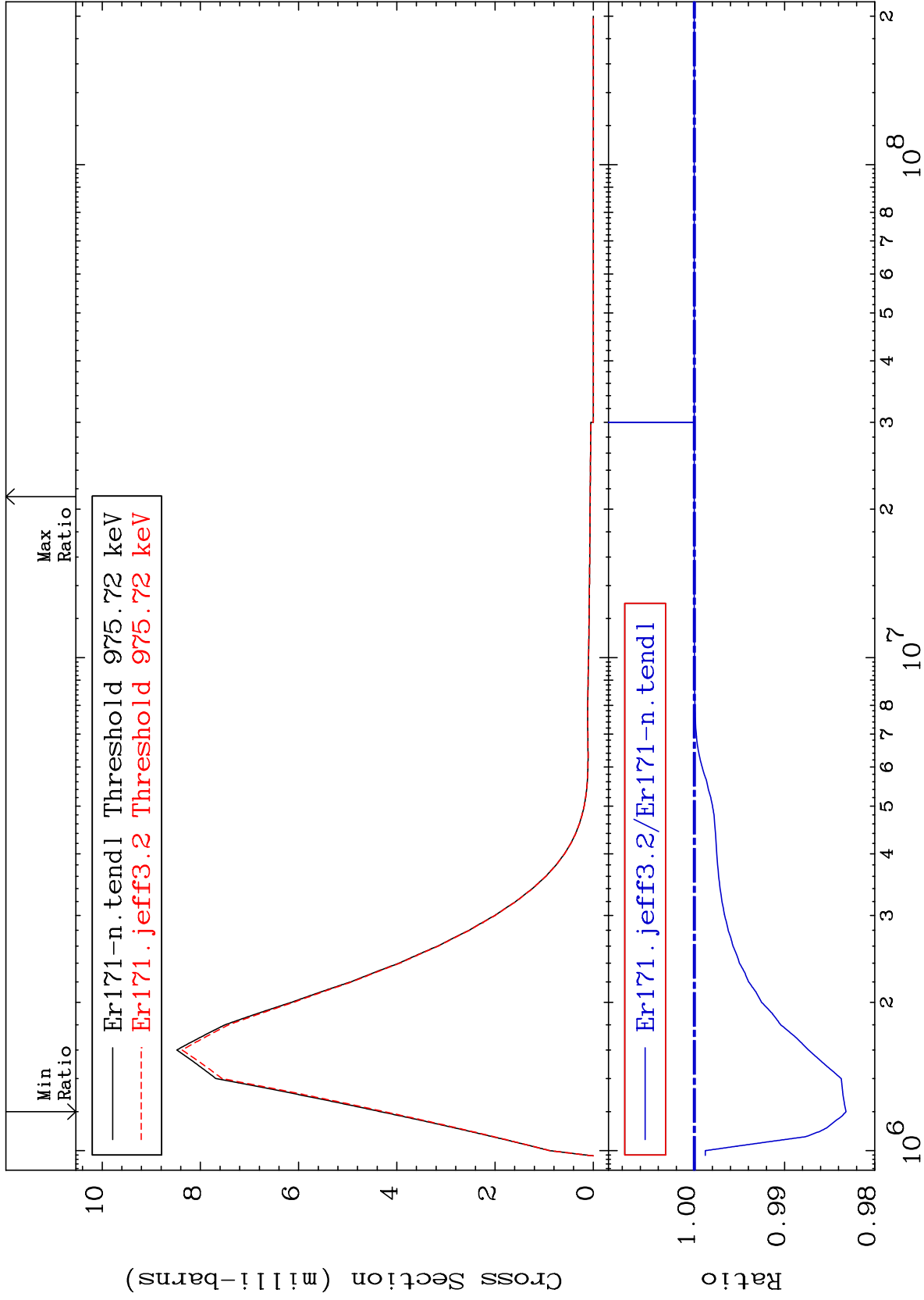
MAT 6852

970.0 keV (n,n') Level

68-Er-171

-1.682 To 0.000 %

Cross Section



43

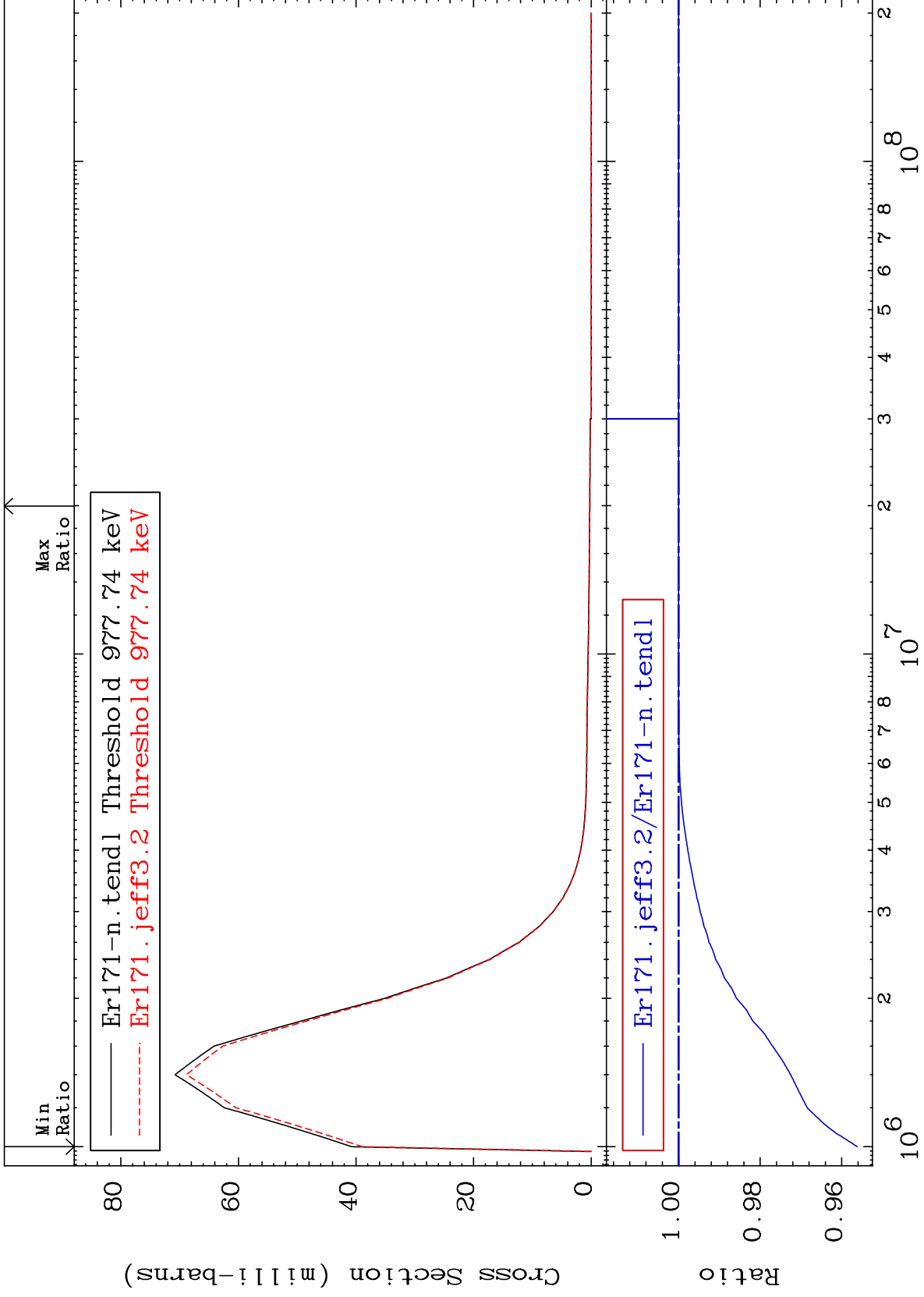
Incident Energy (eV)

68-Er-171

MAT 6852

972.0 keV (n,n') Level
Cross Section

68-Er-171
-4.382 To 0.000 %



44

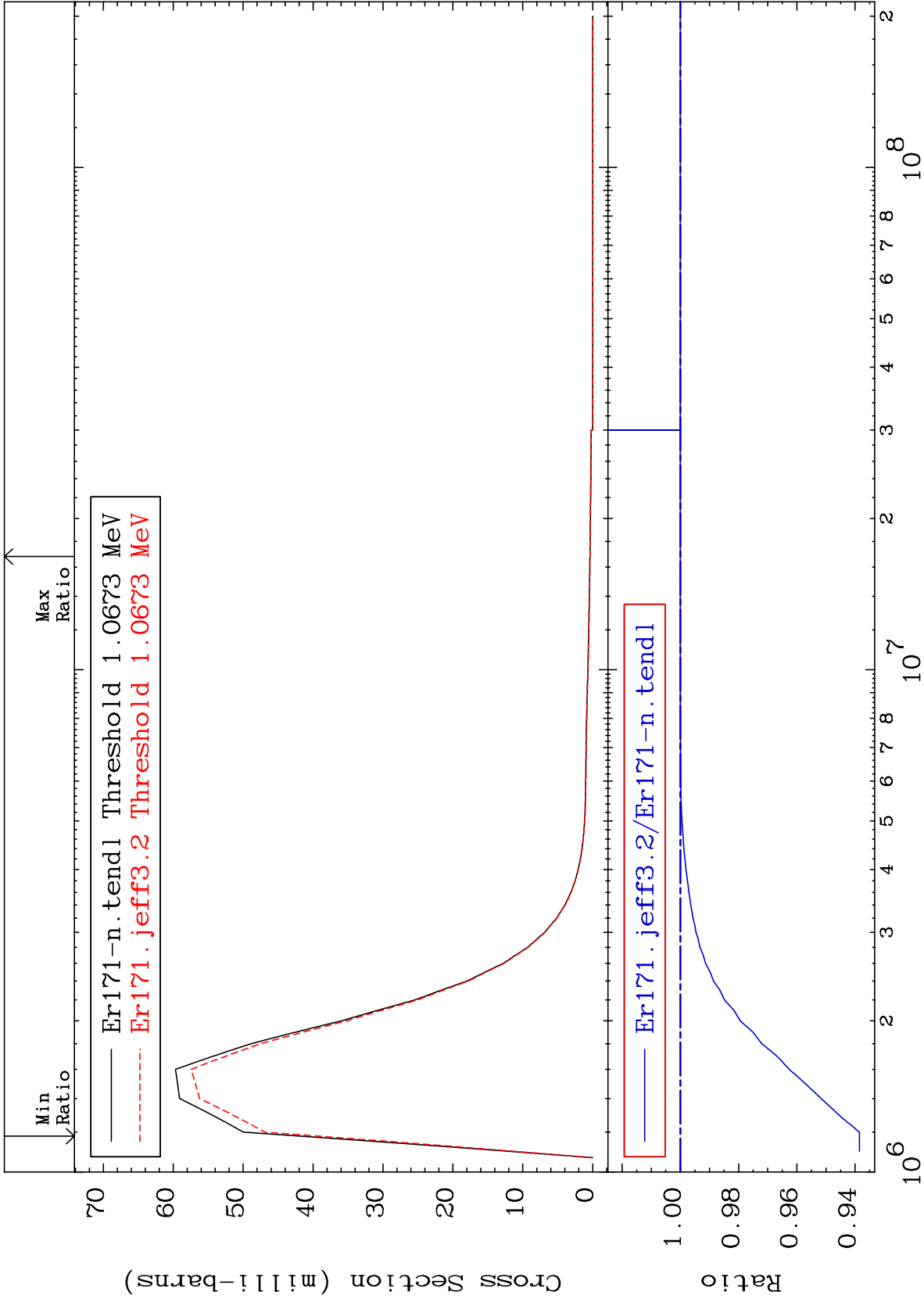
Incident Energy (eV)

68-Er-171

MAT 6852

1.061 MeV (n,n') Level
Cross Section

68-Er-171
-6.147 To 0.000 %



45

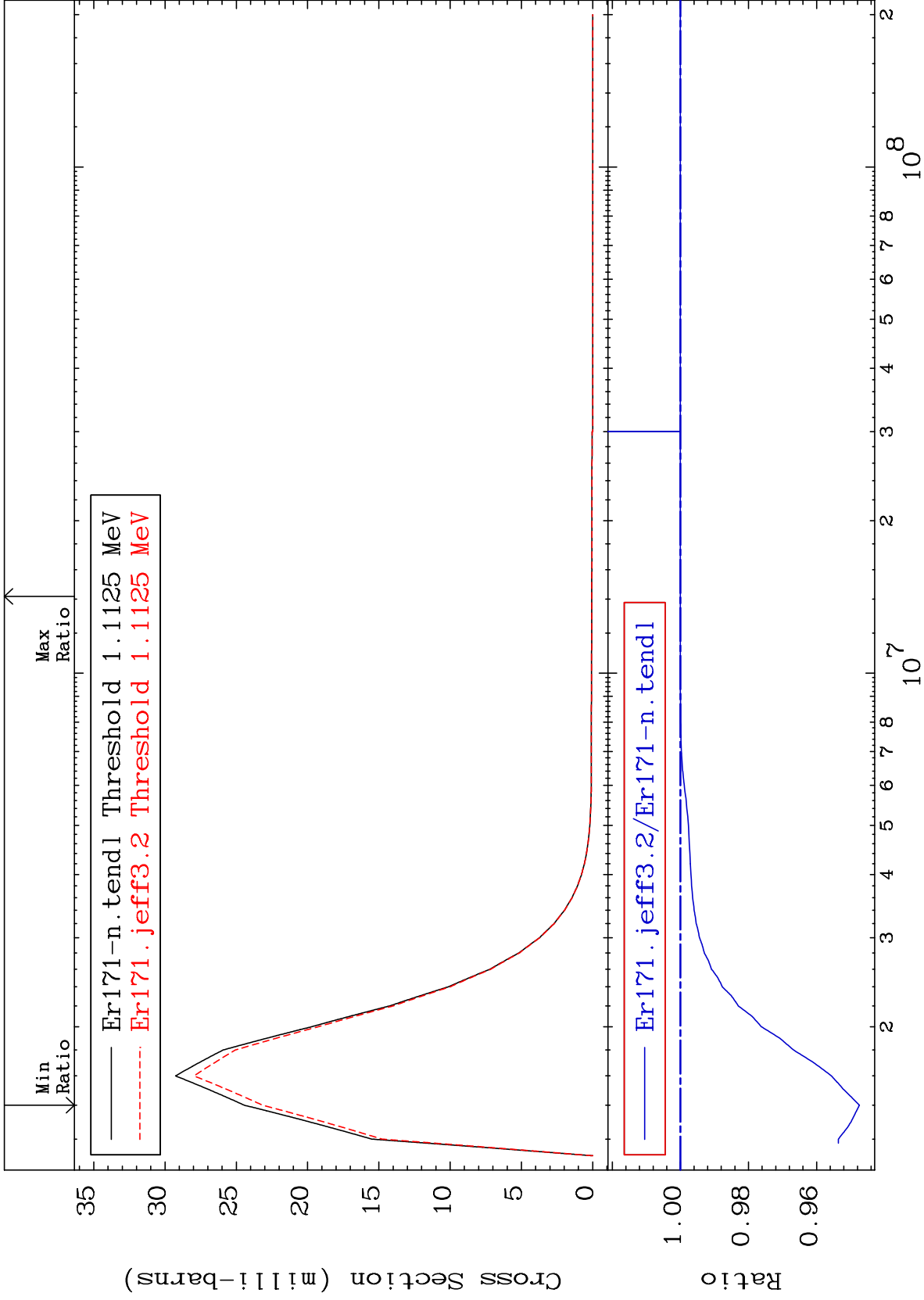
Incident Energy (eV)

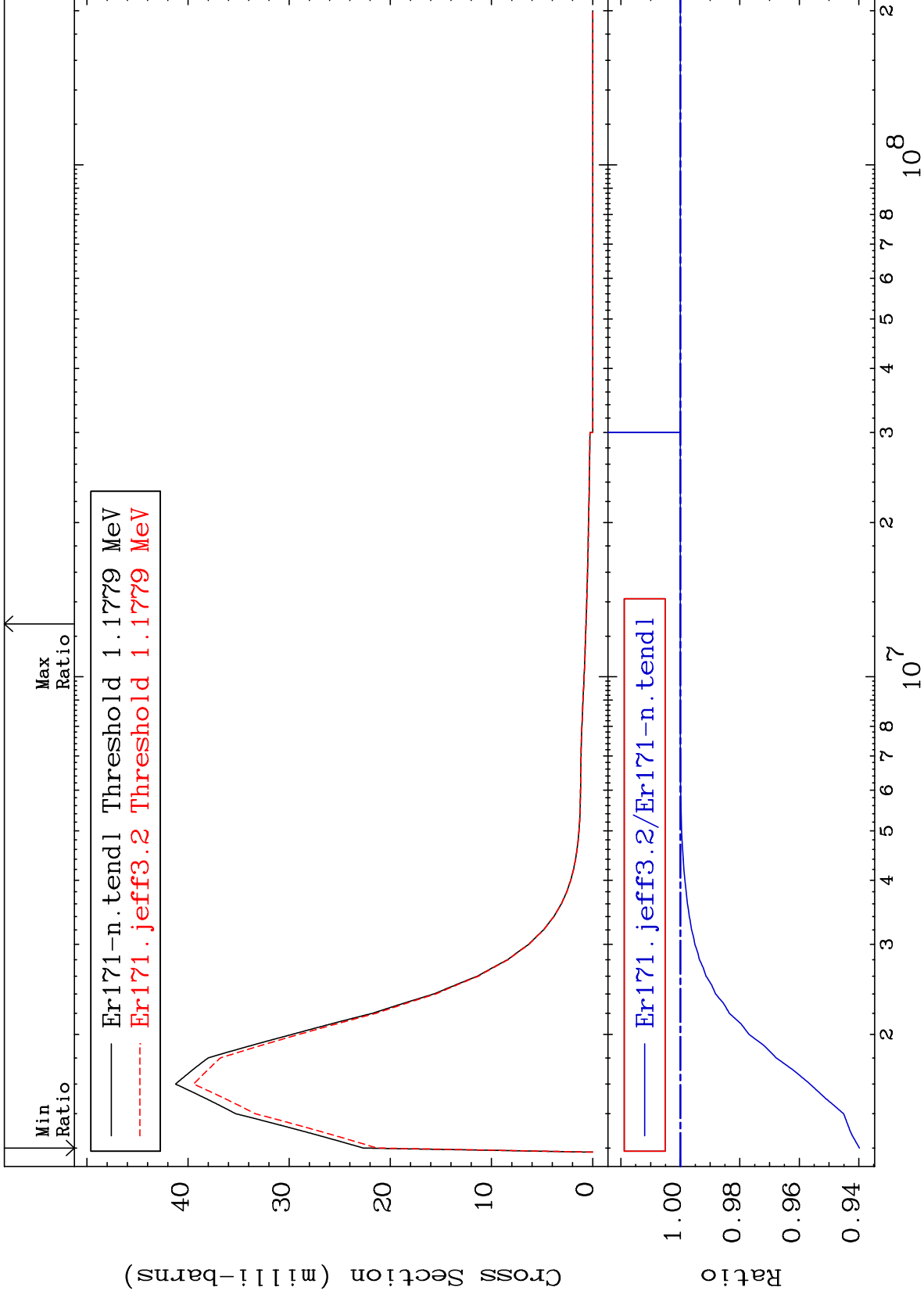
68-Er-171

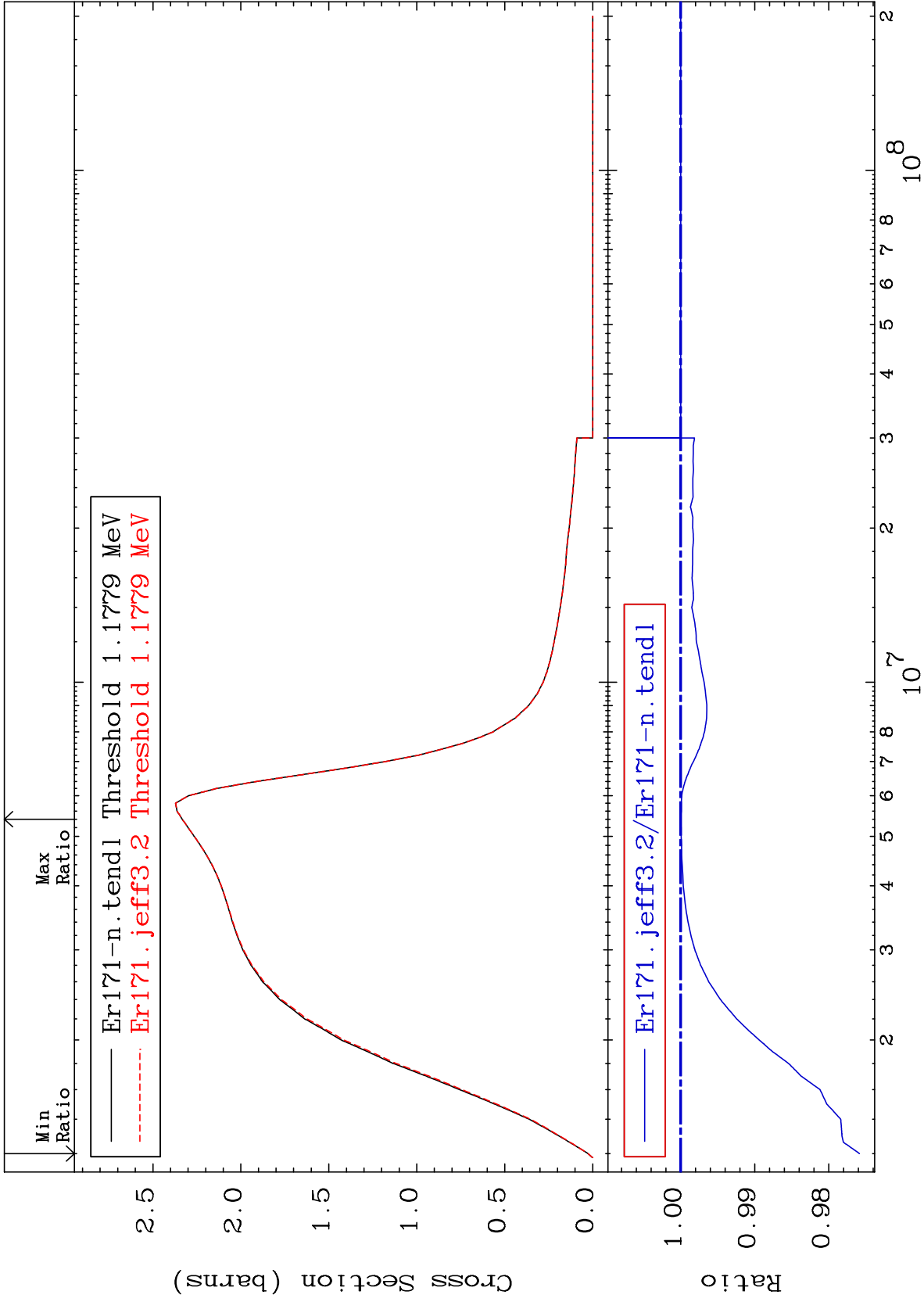
MAT 6852

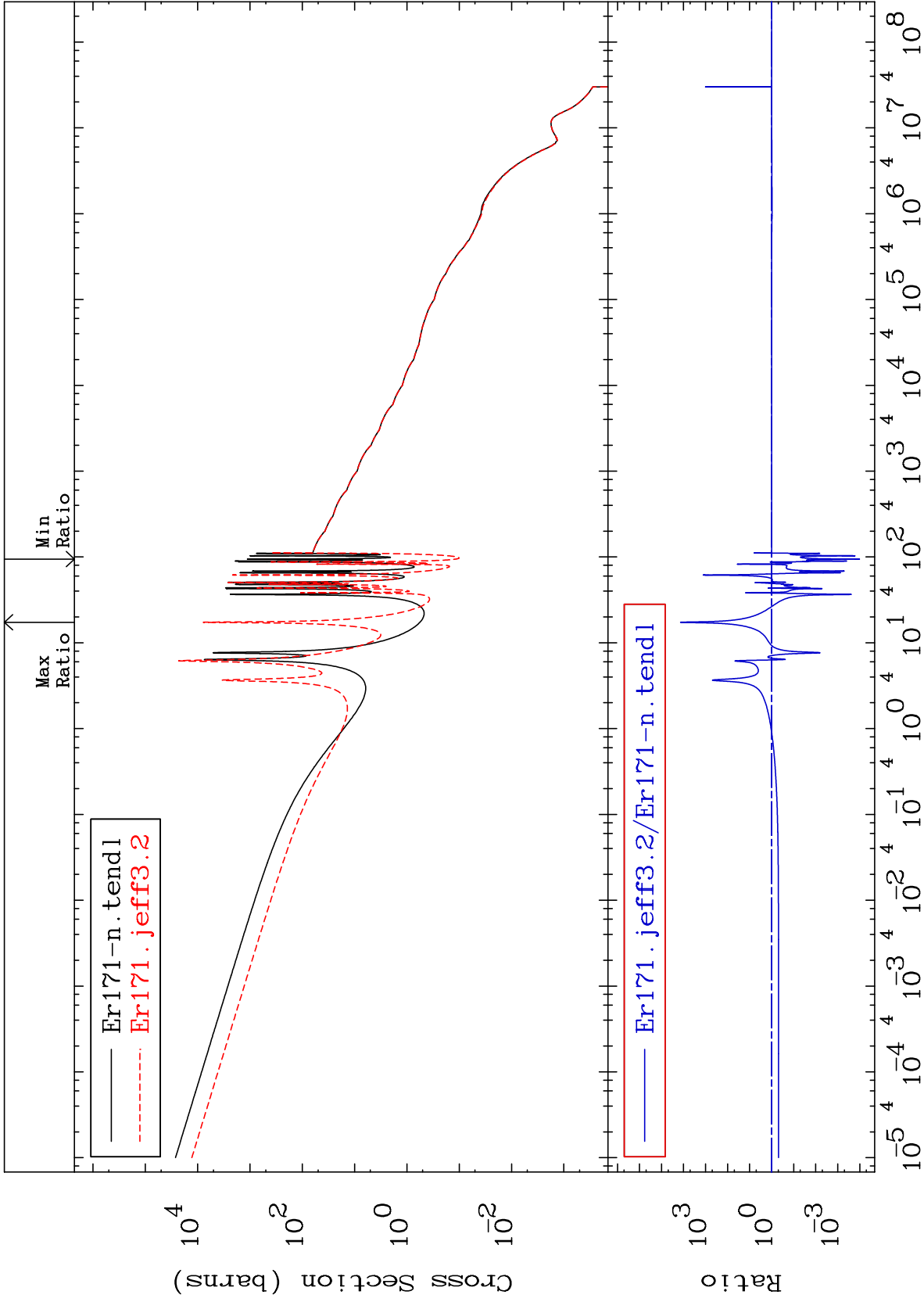
1.106 MeV (n,n') Level
Cross Section

68-Er-171
-5.257 To 0.000 %





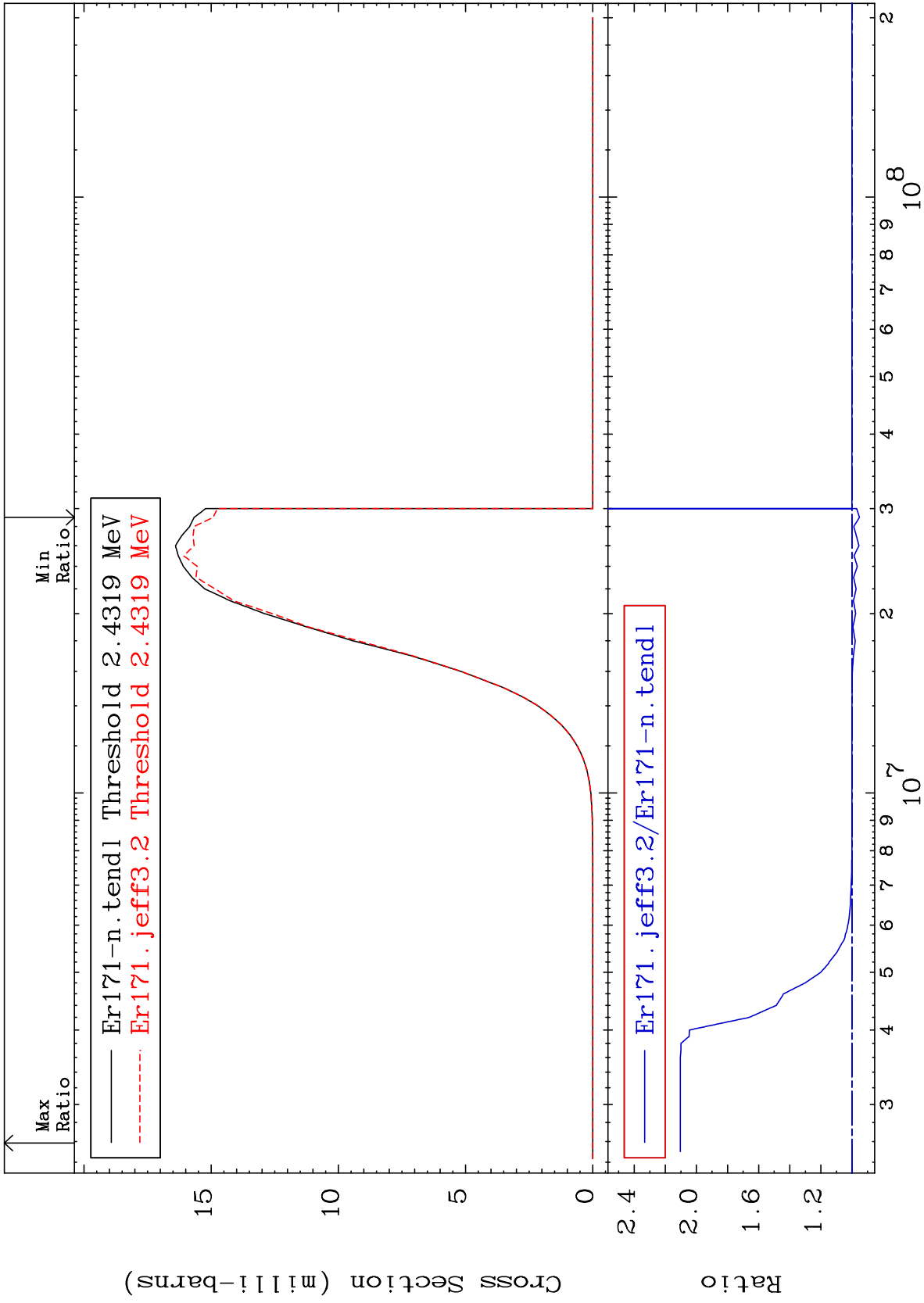


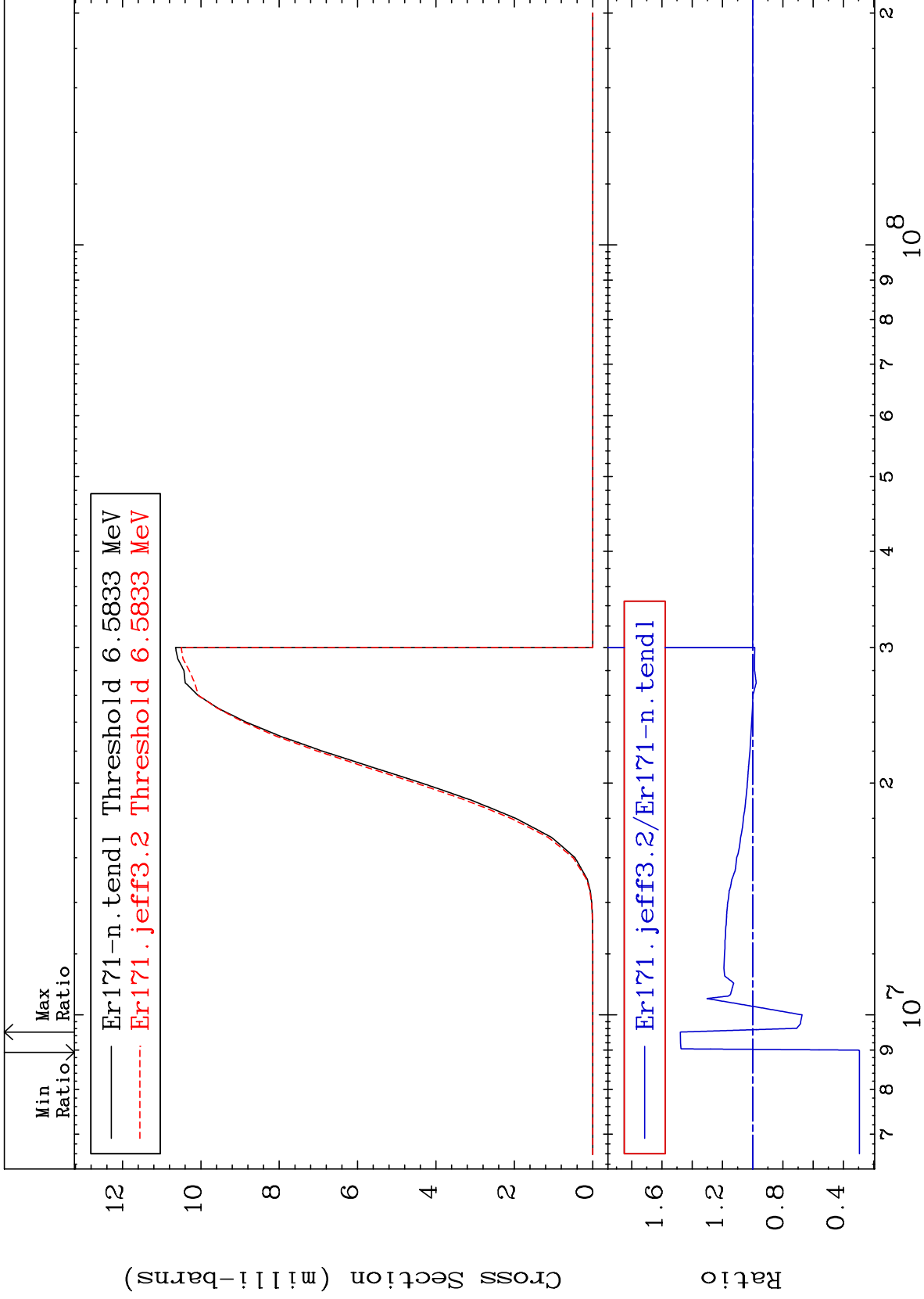


MAT 6852

(n, p)
Cross Section

68-Er-171
-4.785 To 110.3 %

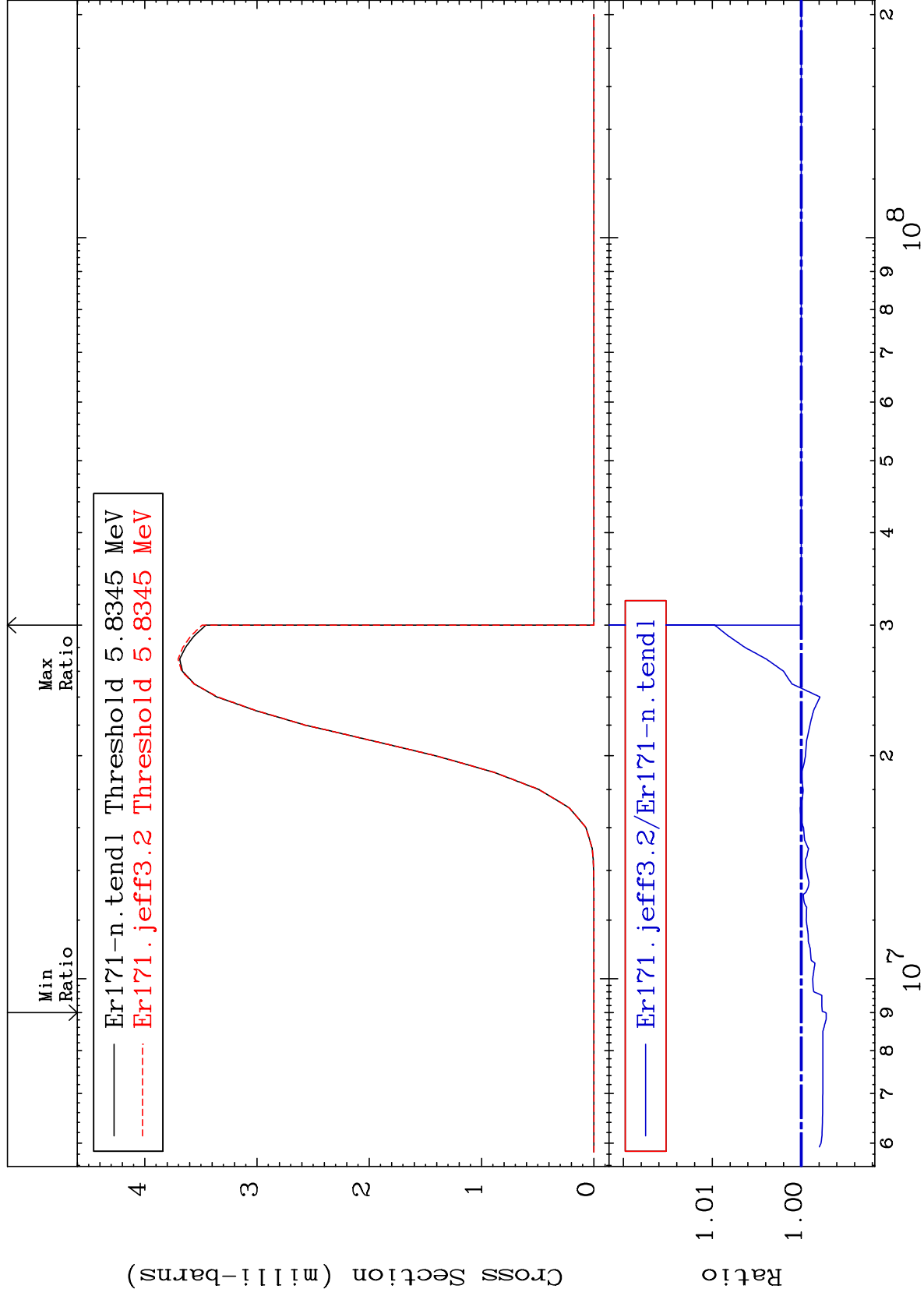




MAT 6852

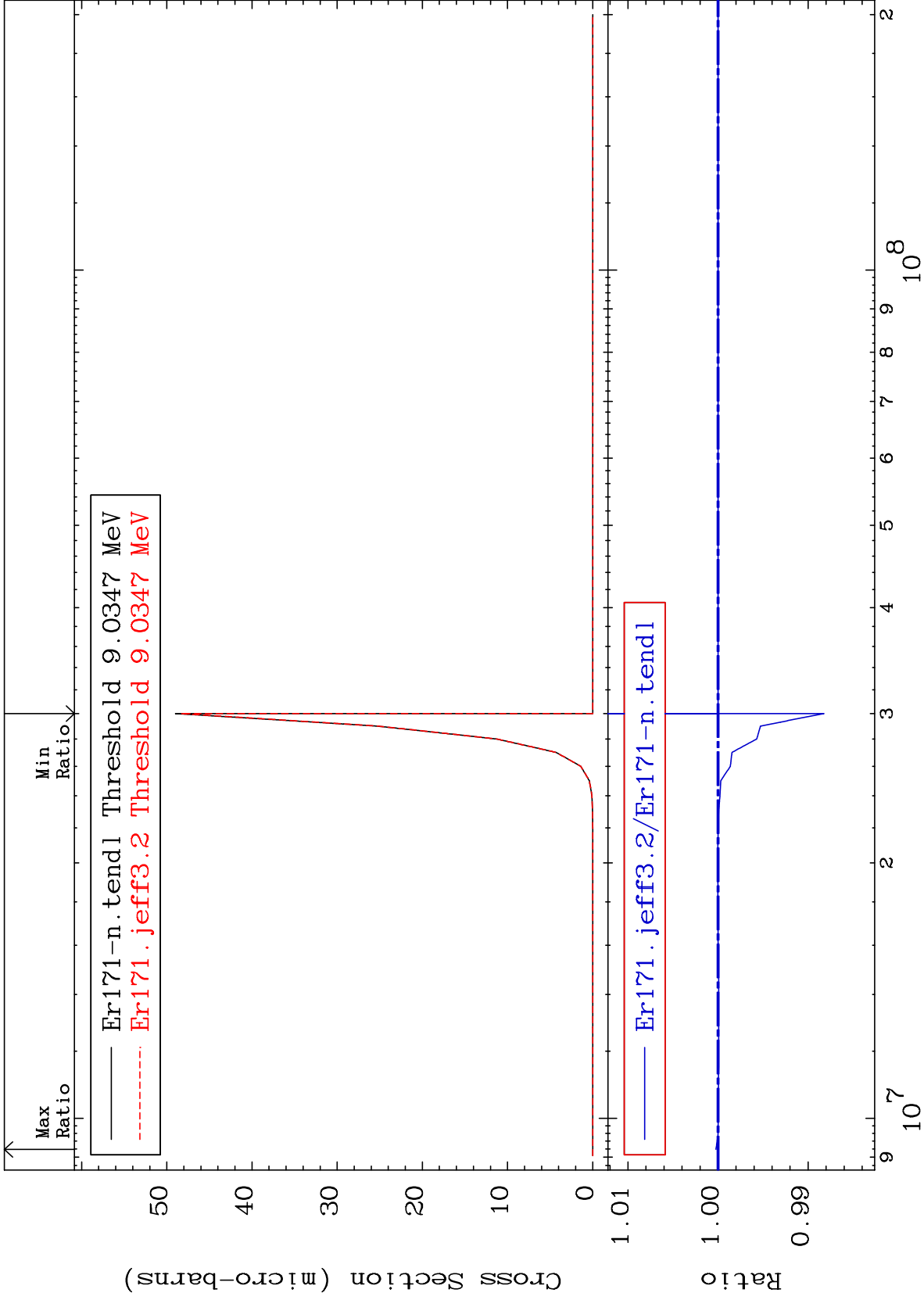
68-Er-171

(n, t)
Cross Section
-0.280 To 0.974 %



Cross Section

-1.176 To 0.024 %



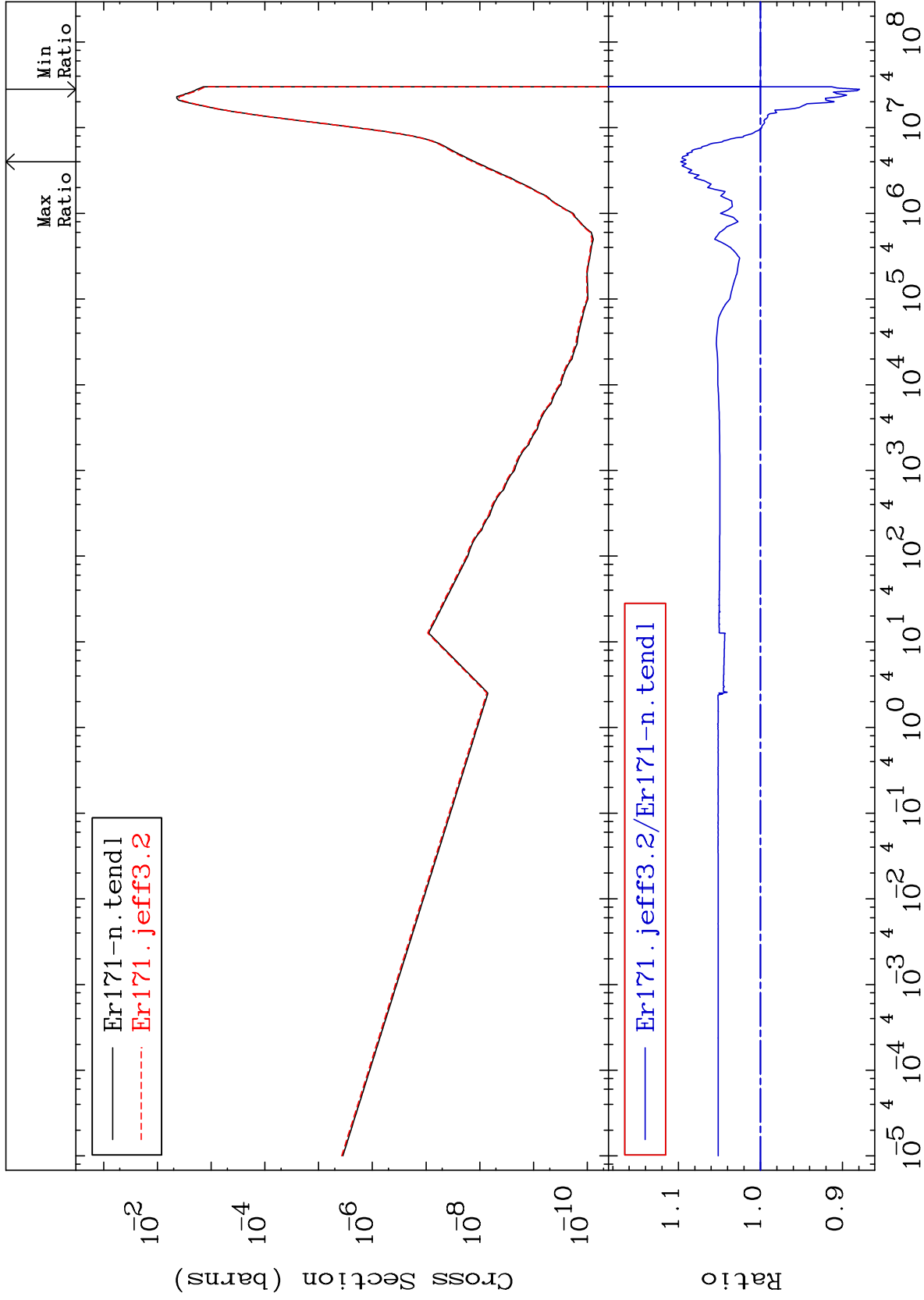
MAT 6852

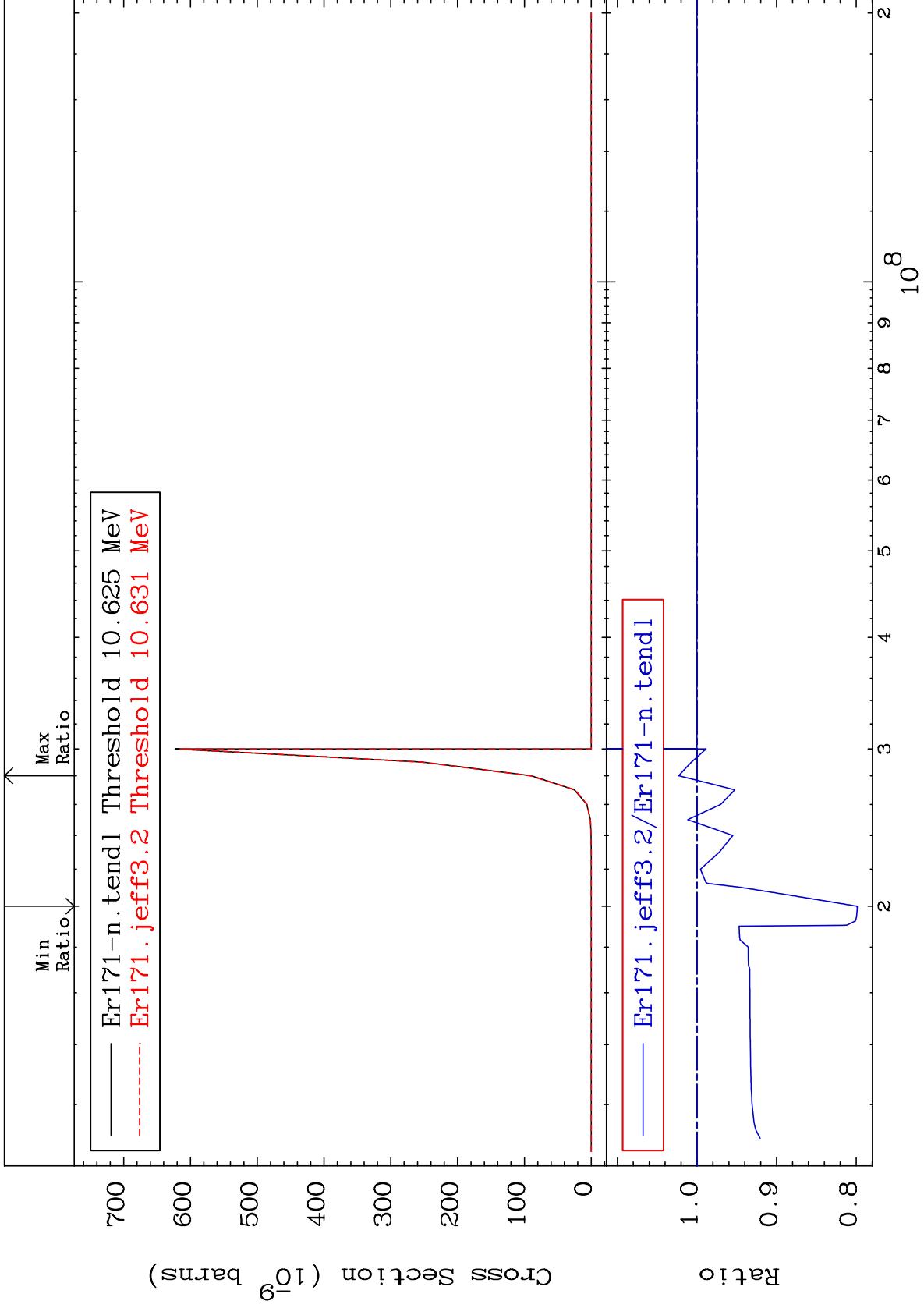
(n, α)

68-Er-171

Cross Section

-12.08 To 9.711 %

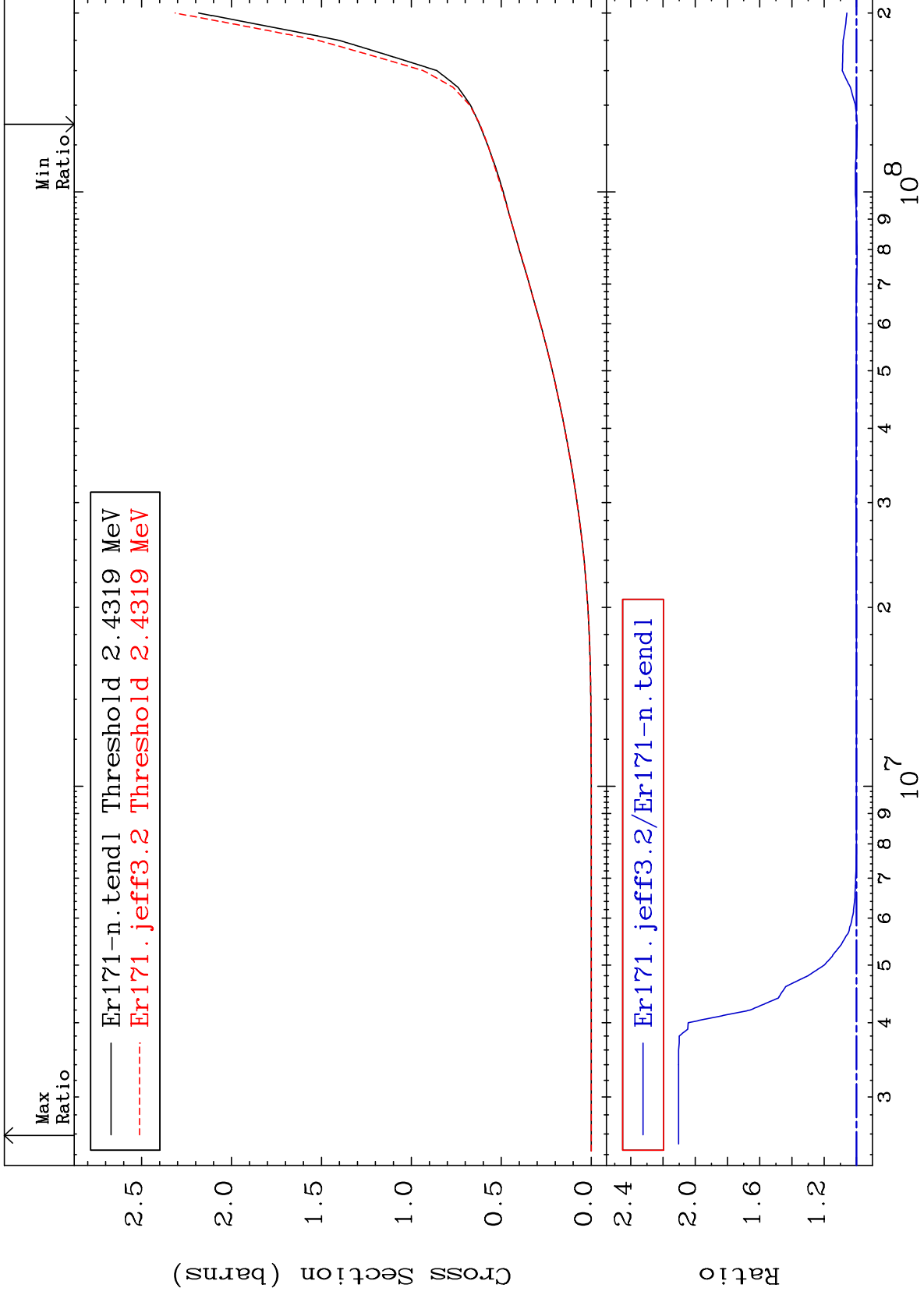




MAT 6852

Hydrogen Production
Cross Section

68-Er-171
-0.457 To 110.3 %



56

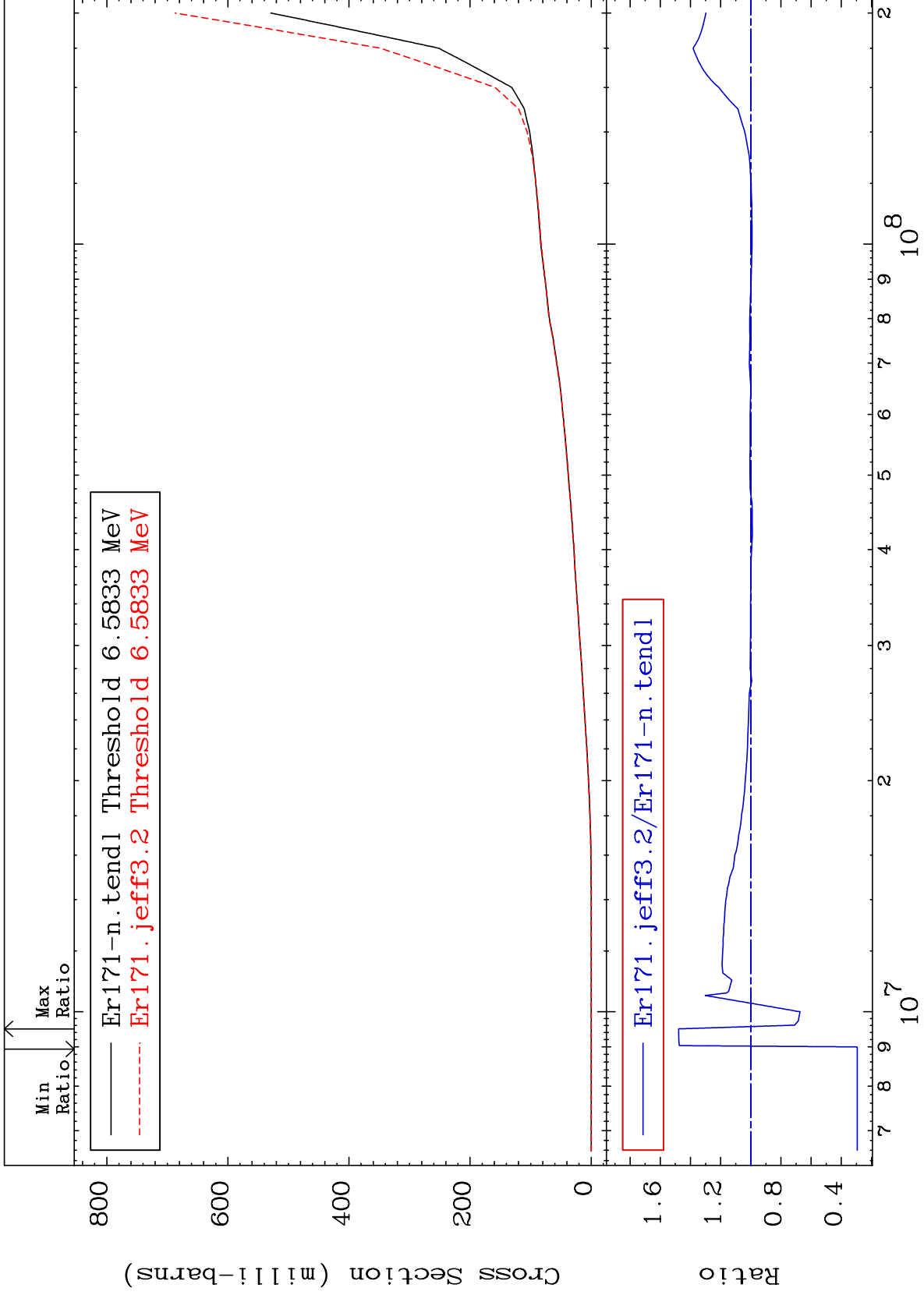
Incident Energy (eV)

68-Er-171

MAT 6852

Deuterium Production
Cross Section

68-Er-171
-70.56 To 47.82 %



57

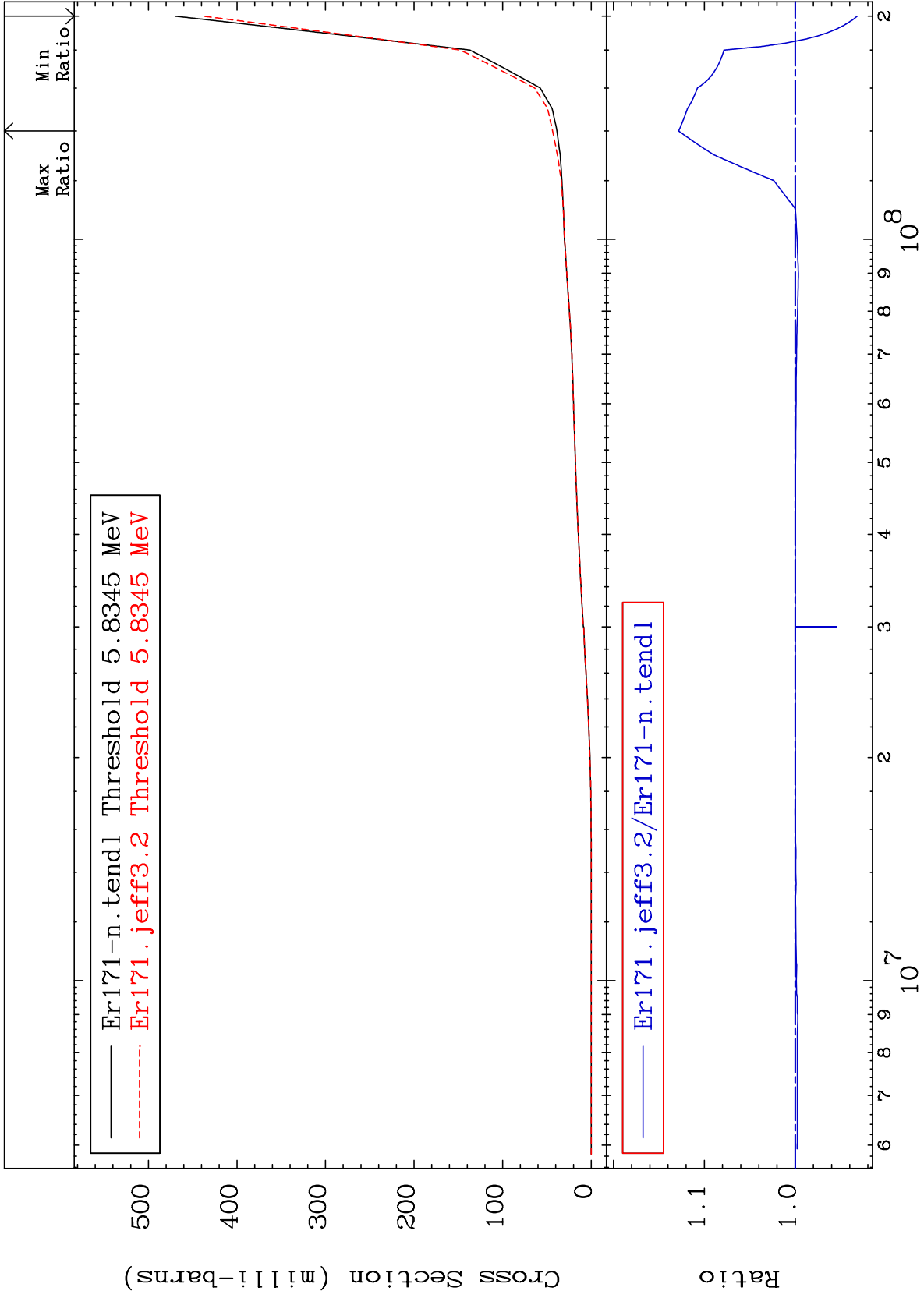
Incident Energy (eV)

68-Er-171

MAT 6852

Tritium Production
Cross Section

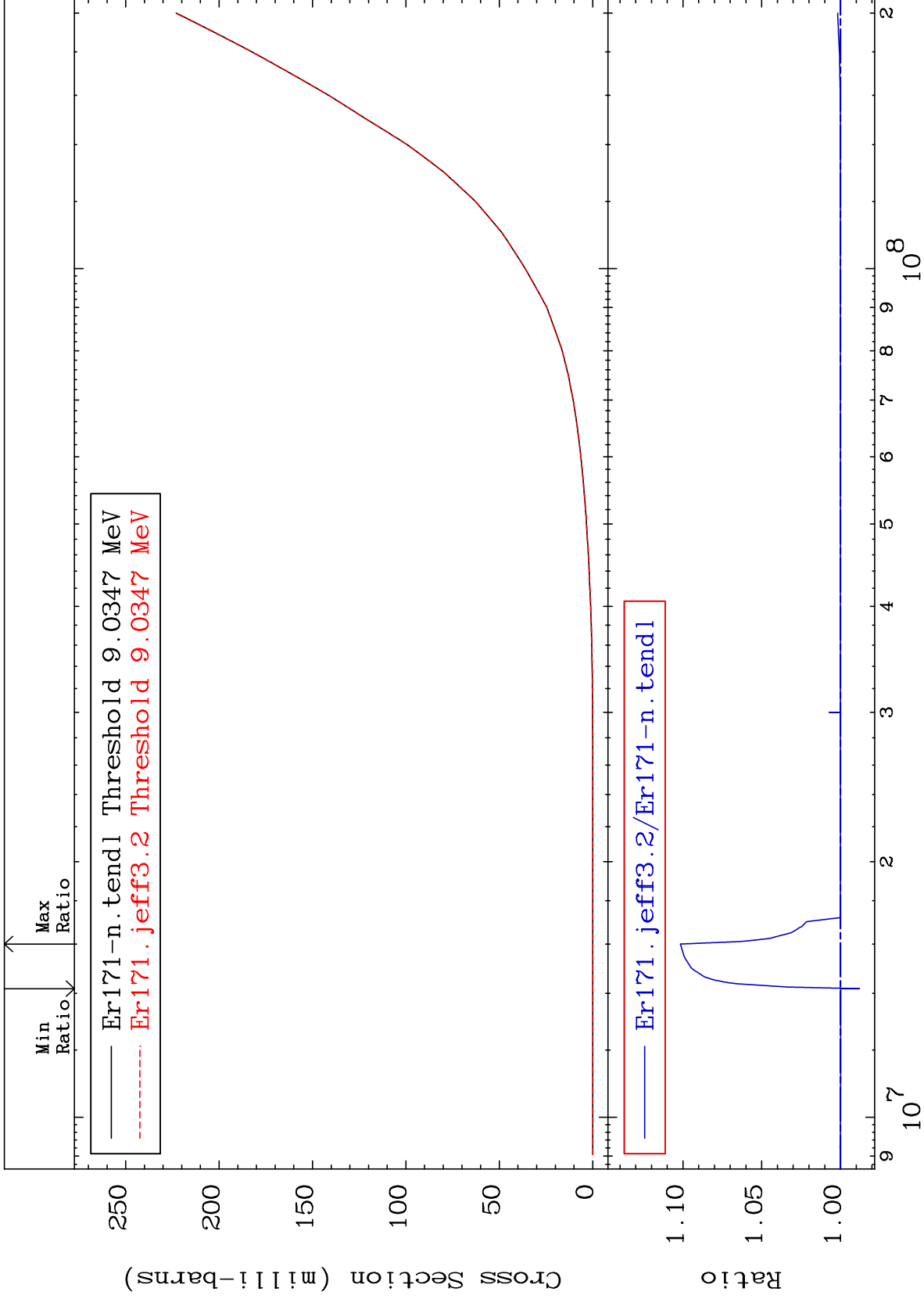
68-Er-171
-6.823 To 12.83 %



58

Incident Energy (eV)

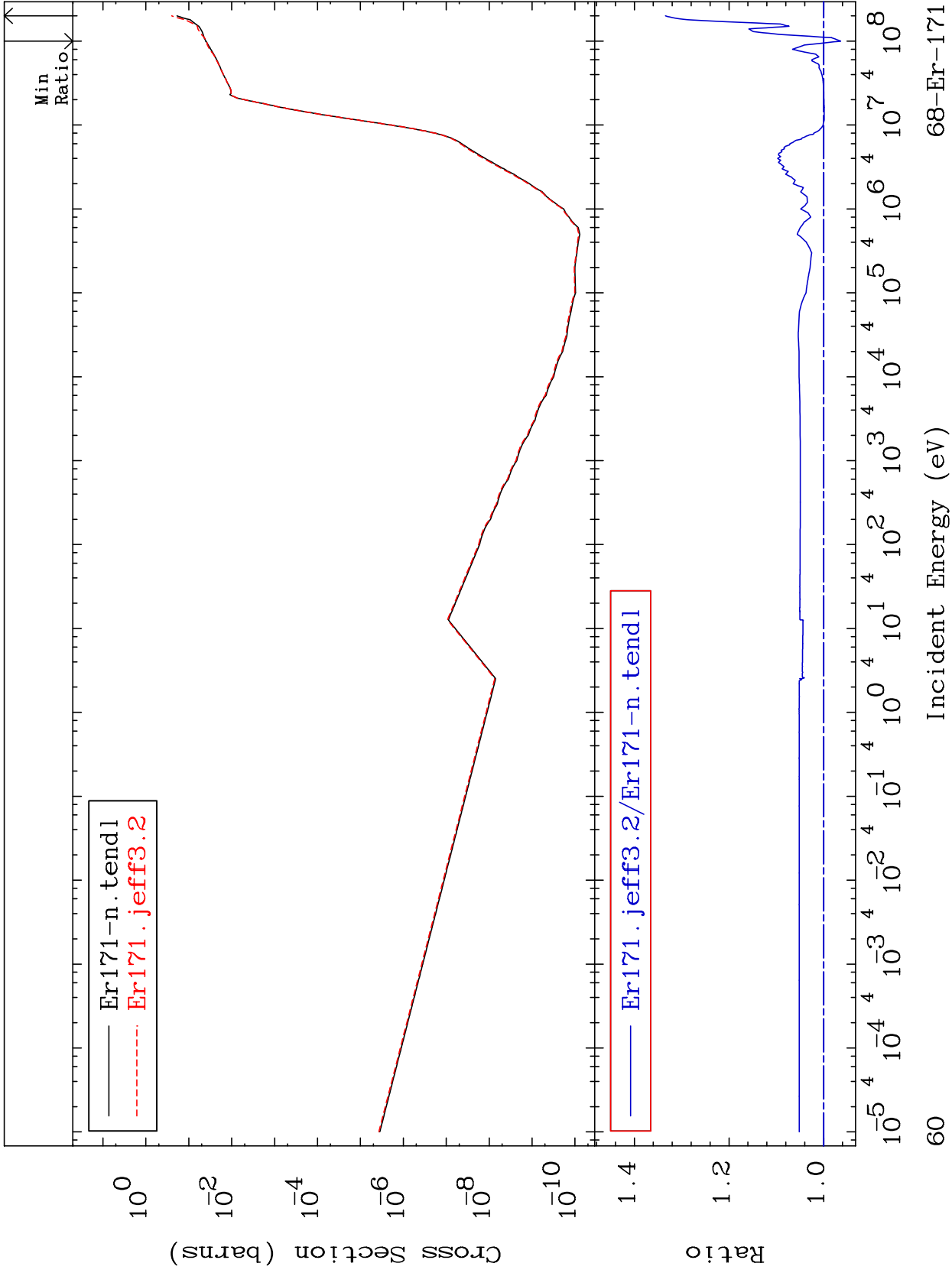
68-Er-171

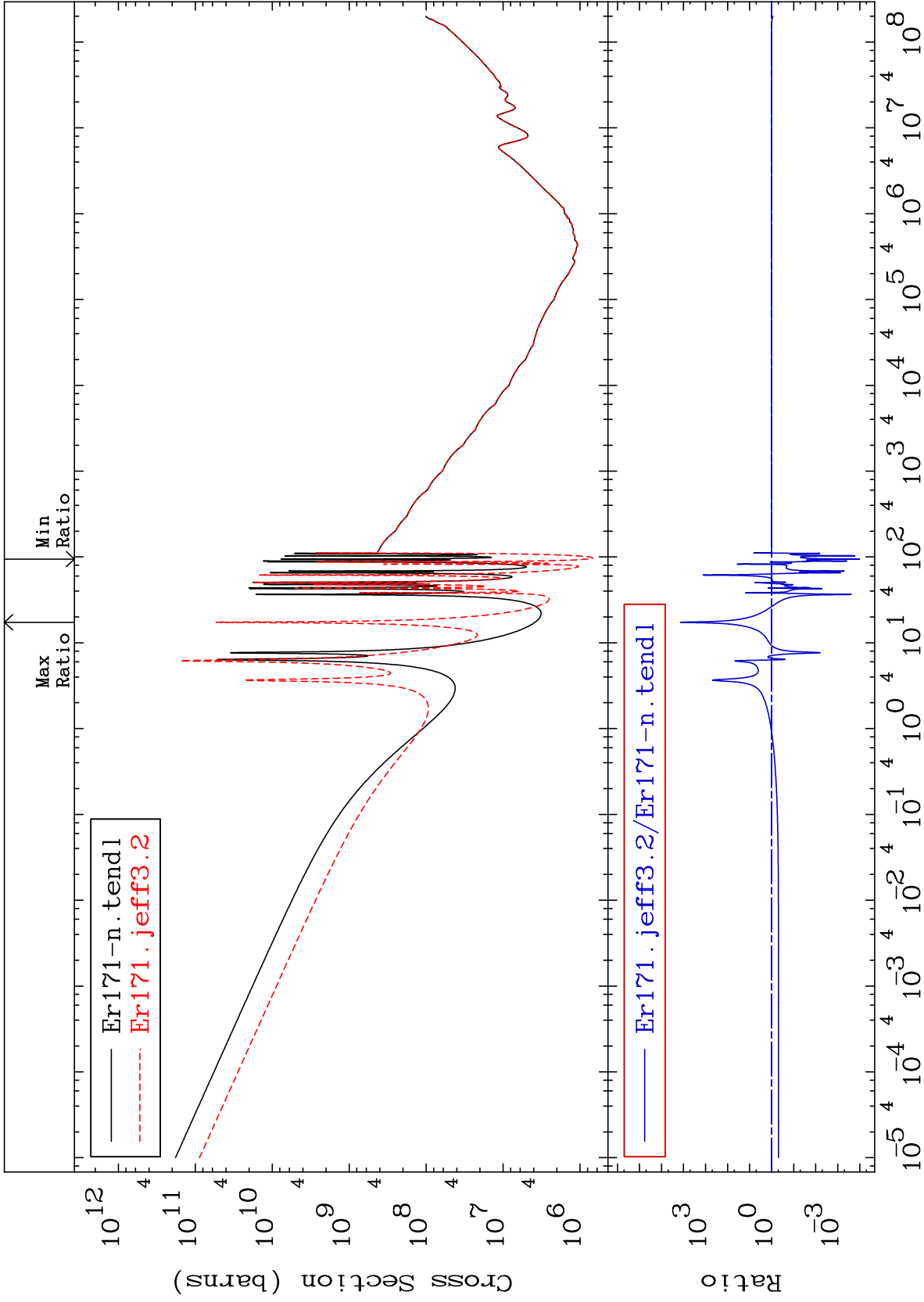


MAT 6852

He-4 Production
Cross Section

68-Er-171
-3.595 To 33.42 %

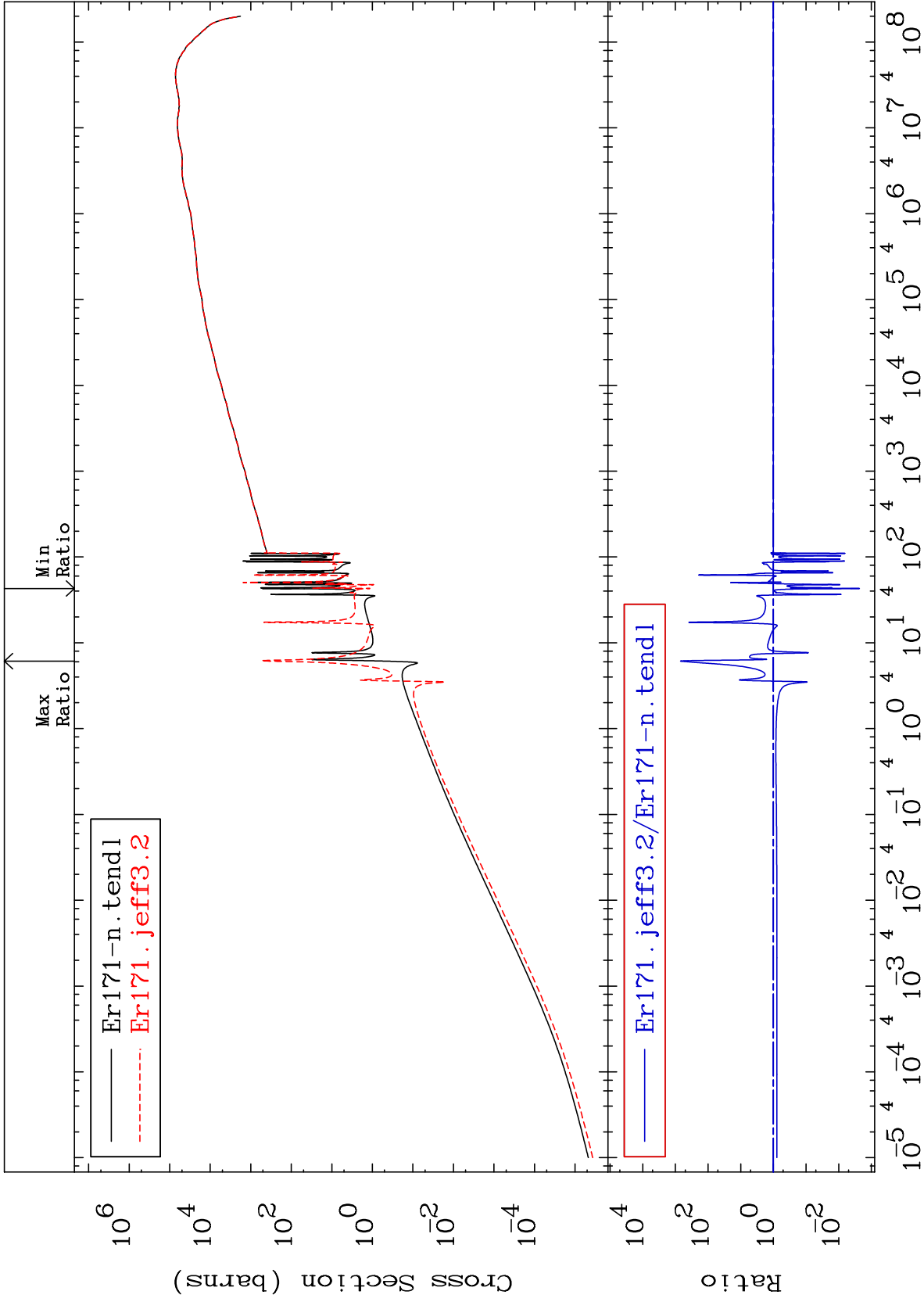




MAT 6852

Kerma elastic
Cross Section

68-Er-171
-99.77 To 9999. %

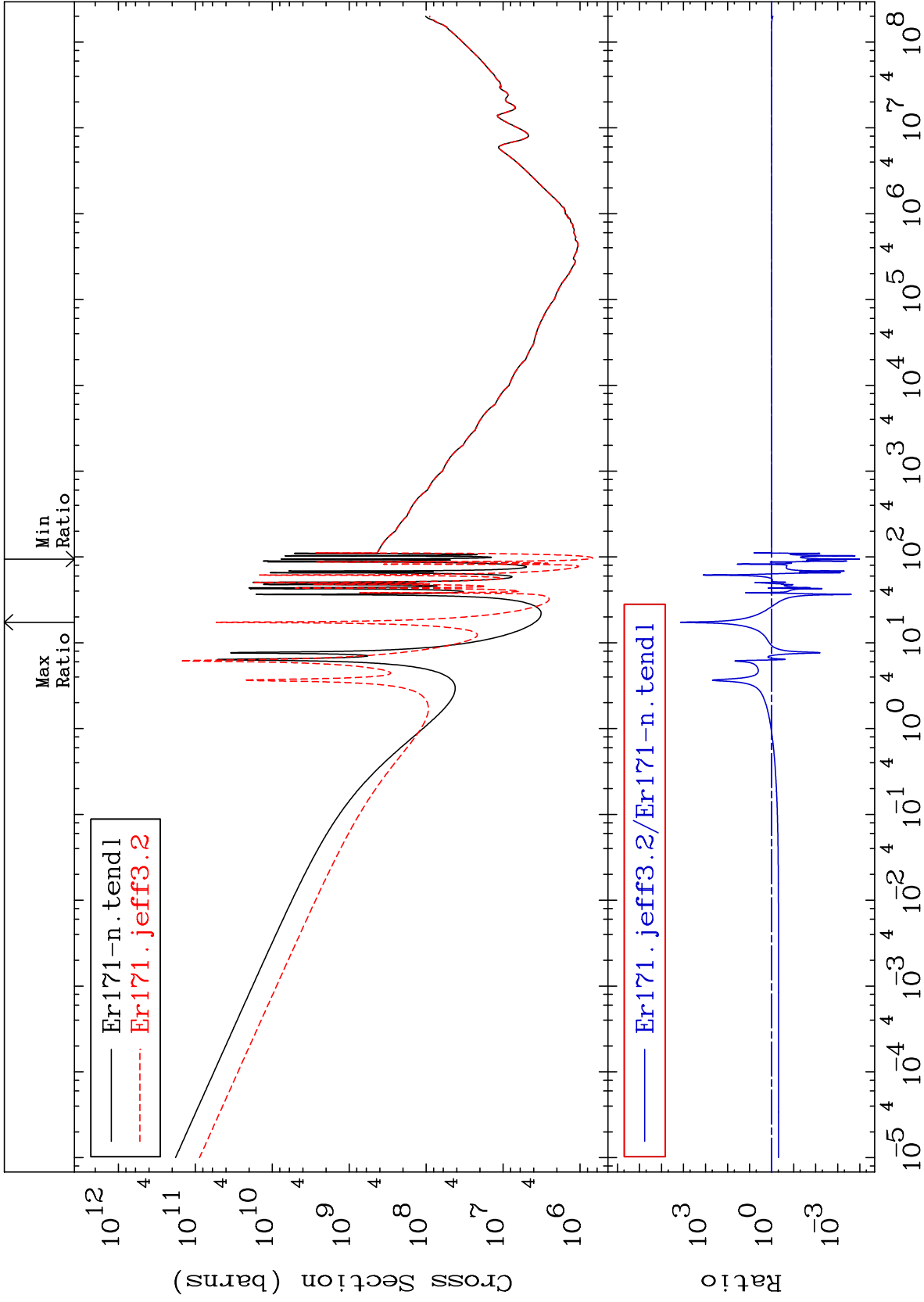


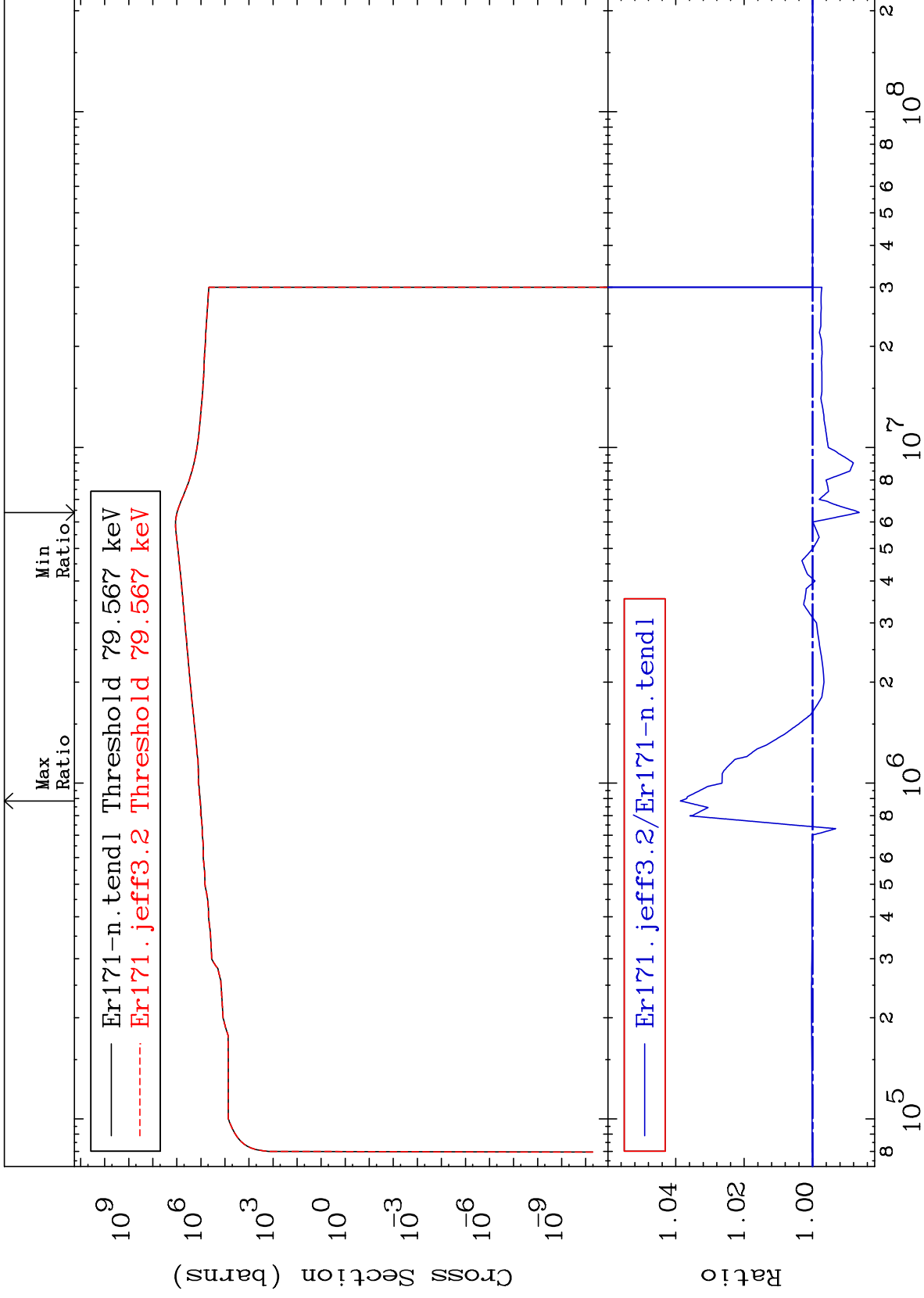
62

Incident Energy (eV)

68-Er-171

Cross Section

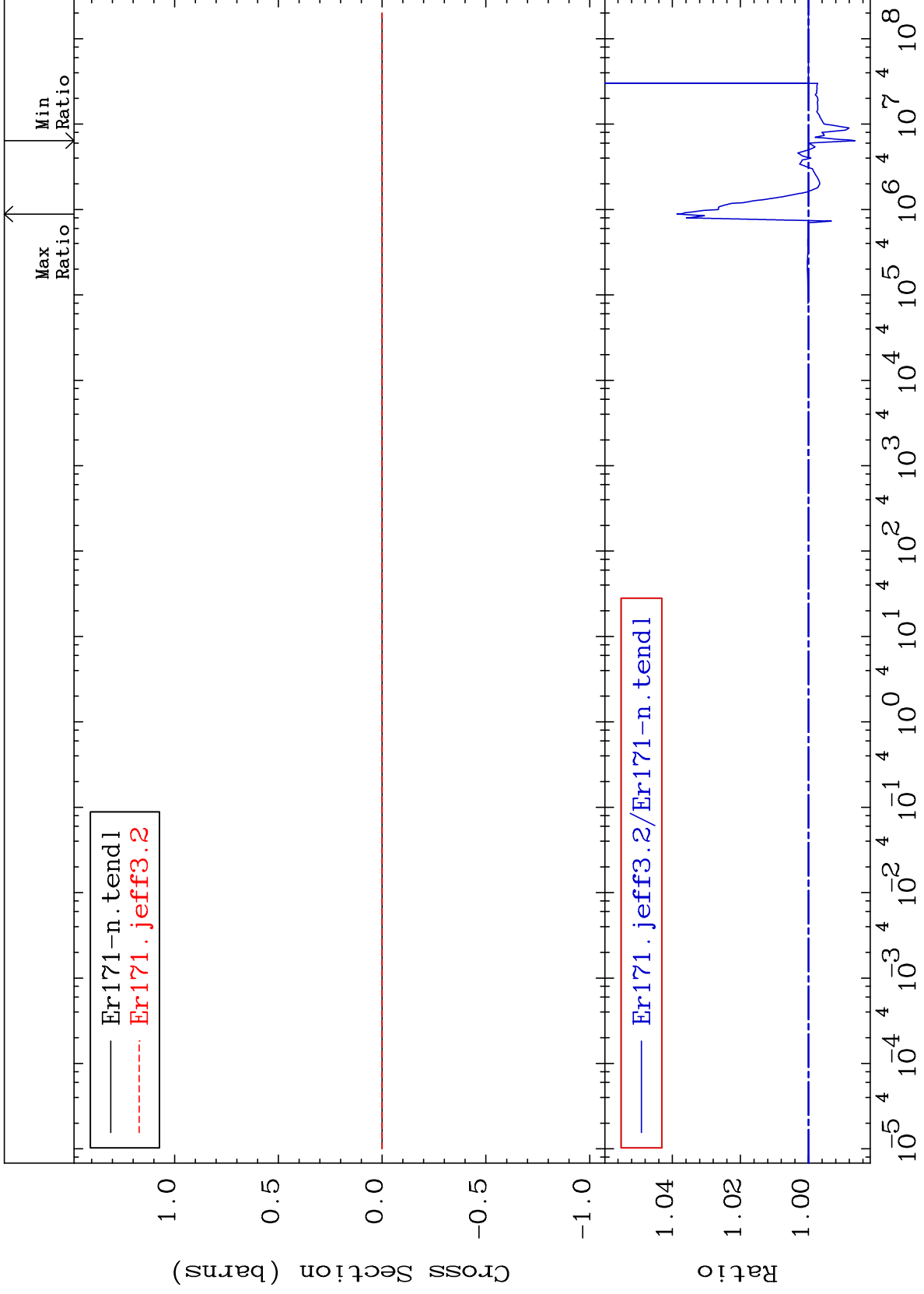




MAT 6852

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

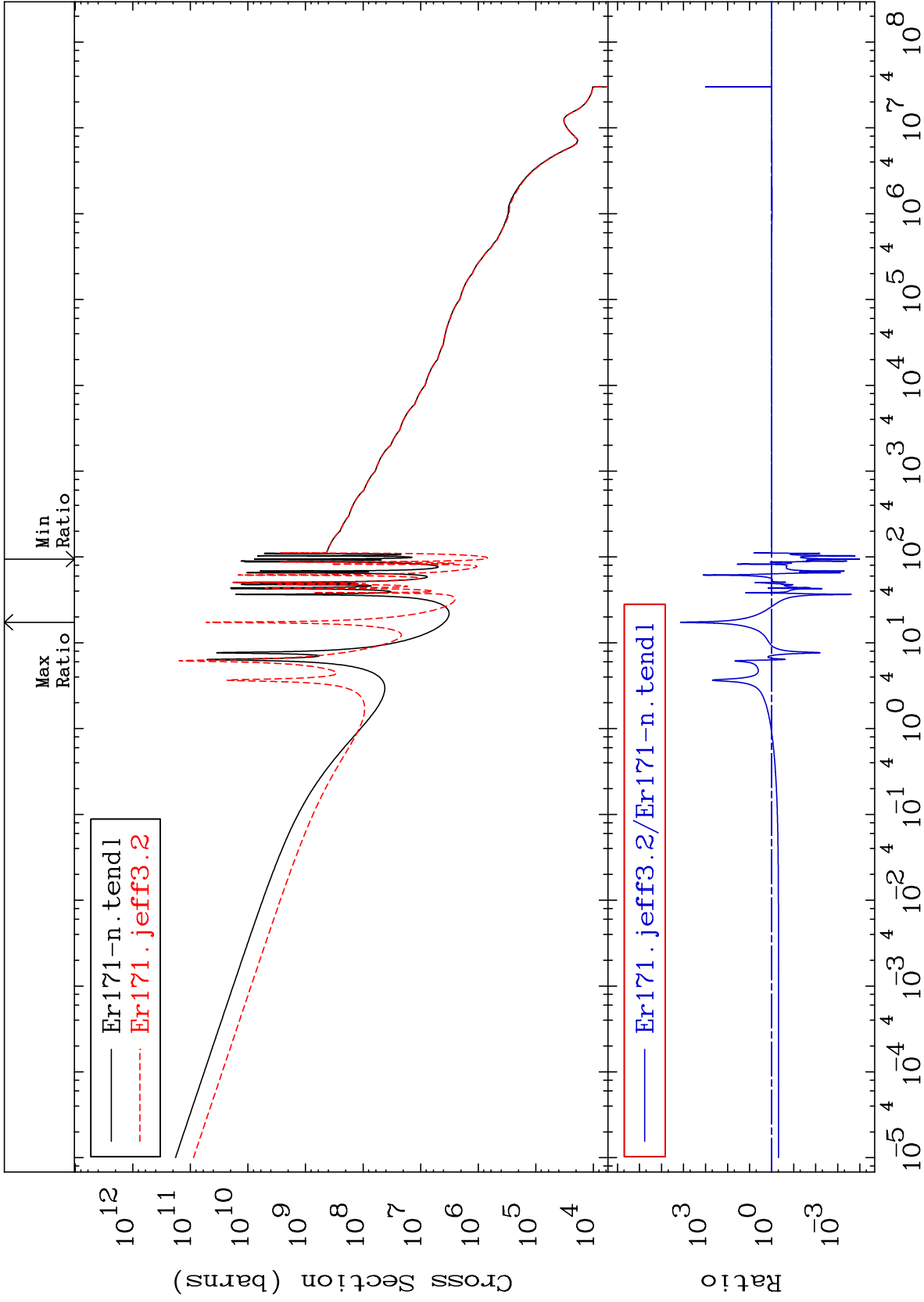
68-Er-171
-1.370 To 3.867 %

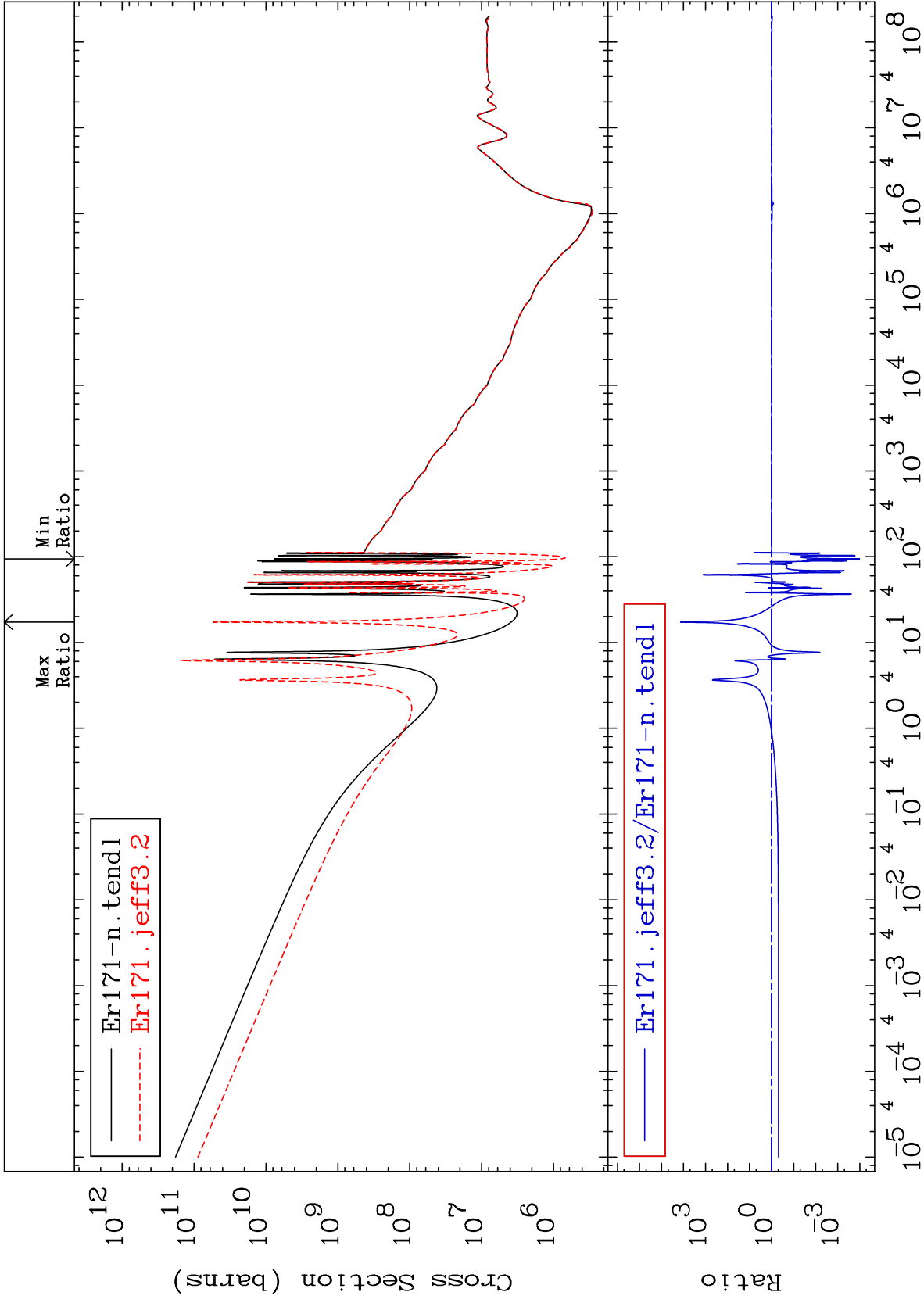


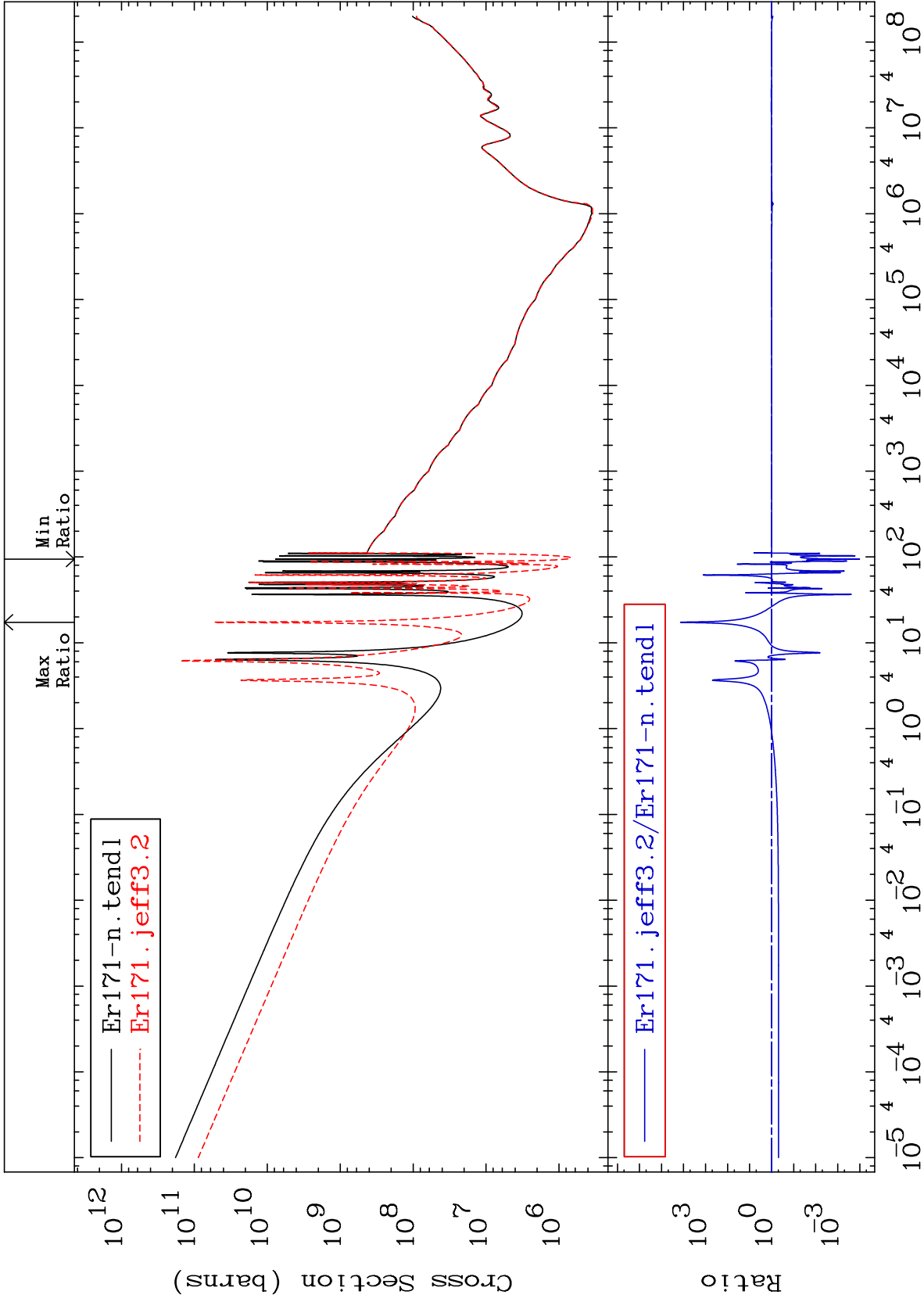
65

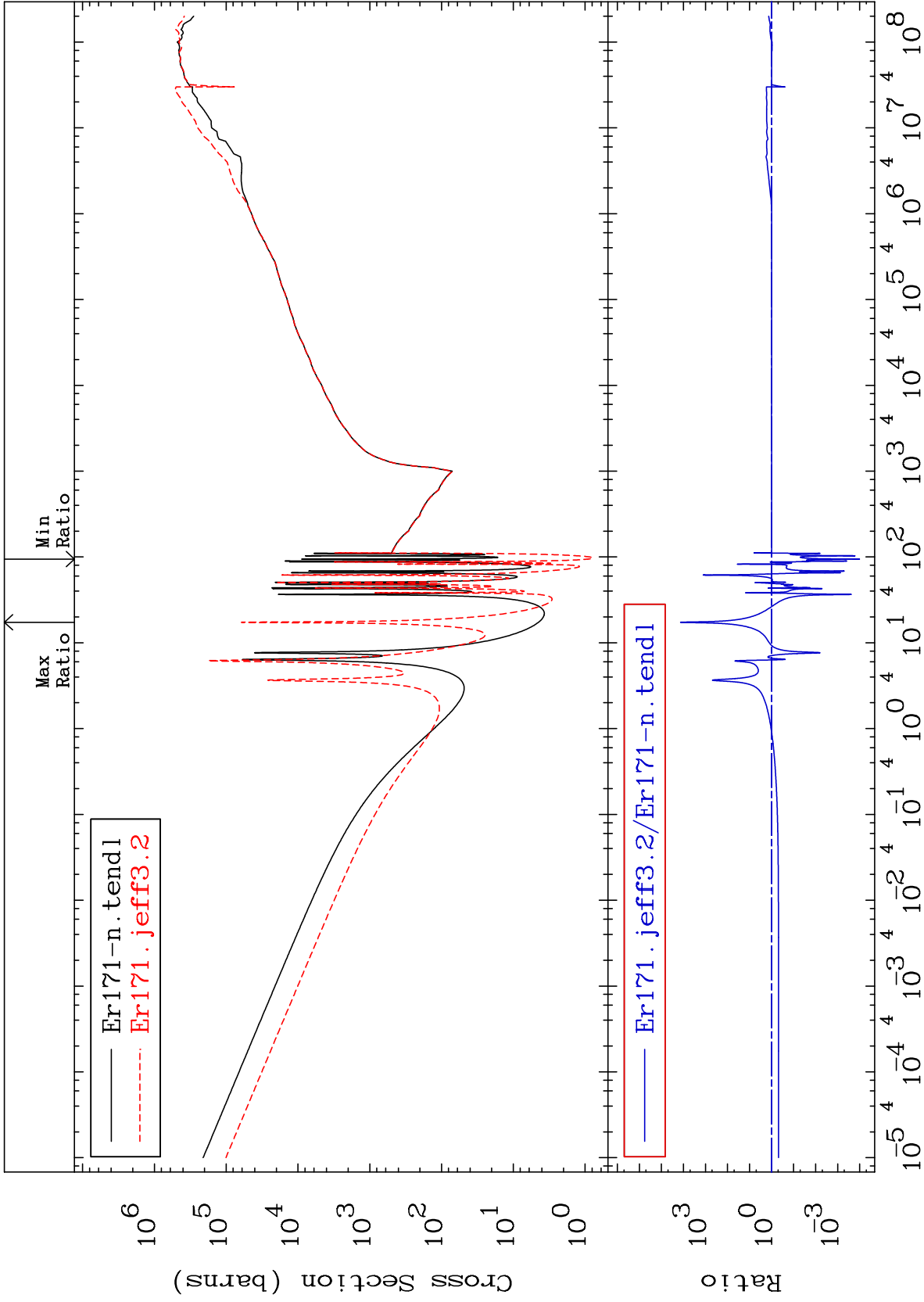
Incident Energy (eV)

68-Er-171





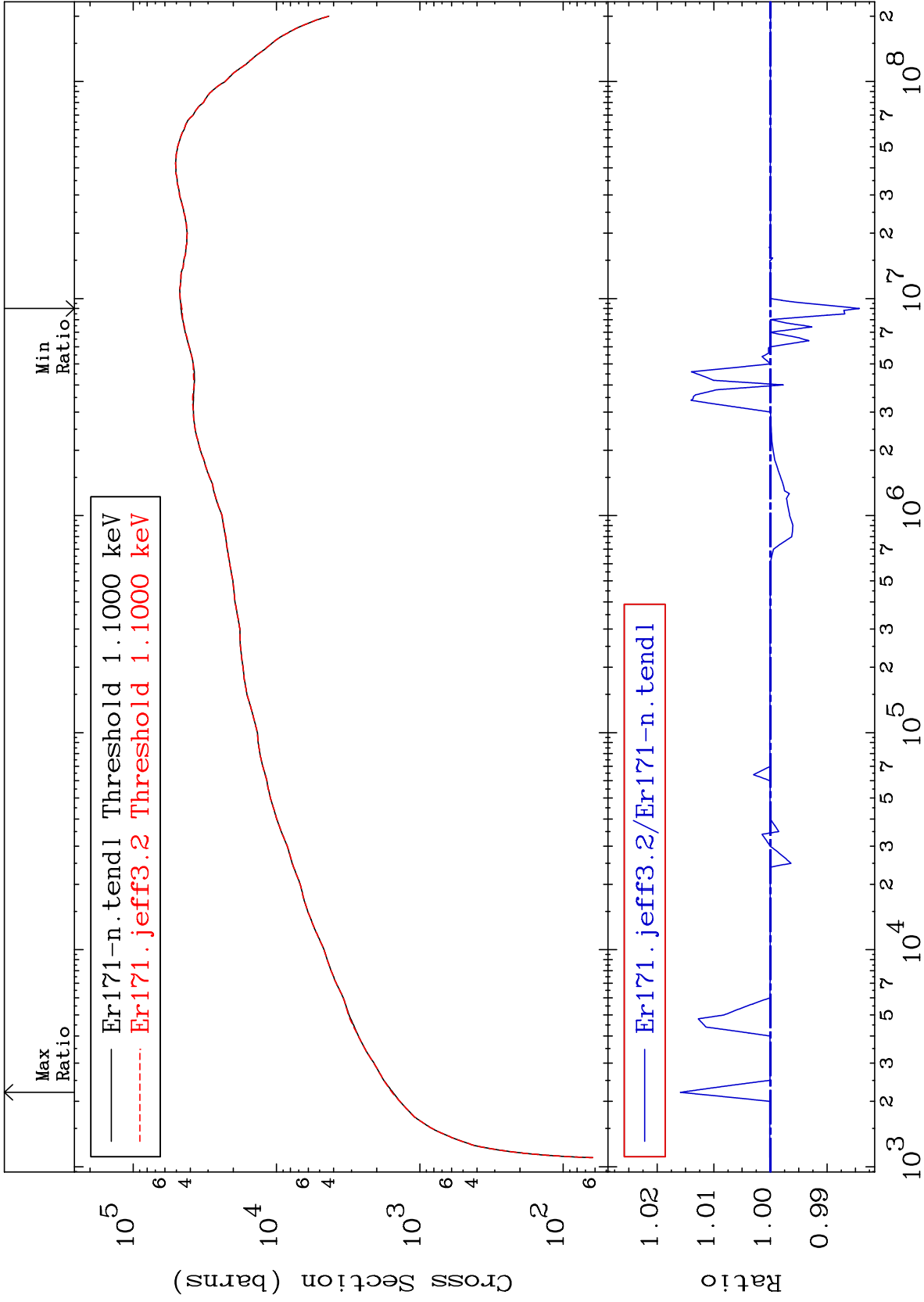




MAT 6852

Dpa elastic (mt2)
Cross Section

68-Er-171
-1.572 To 1.591 %



70

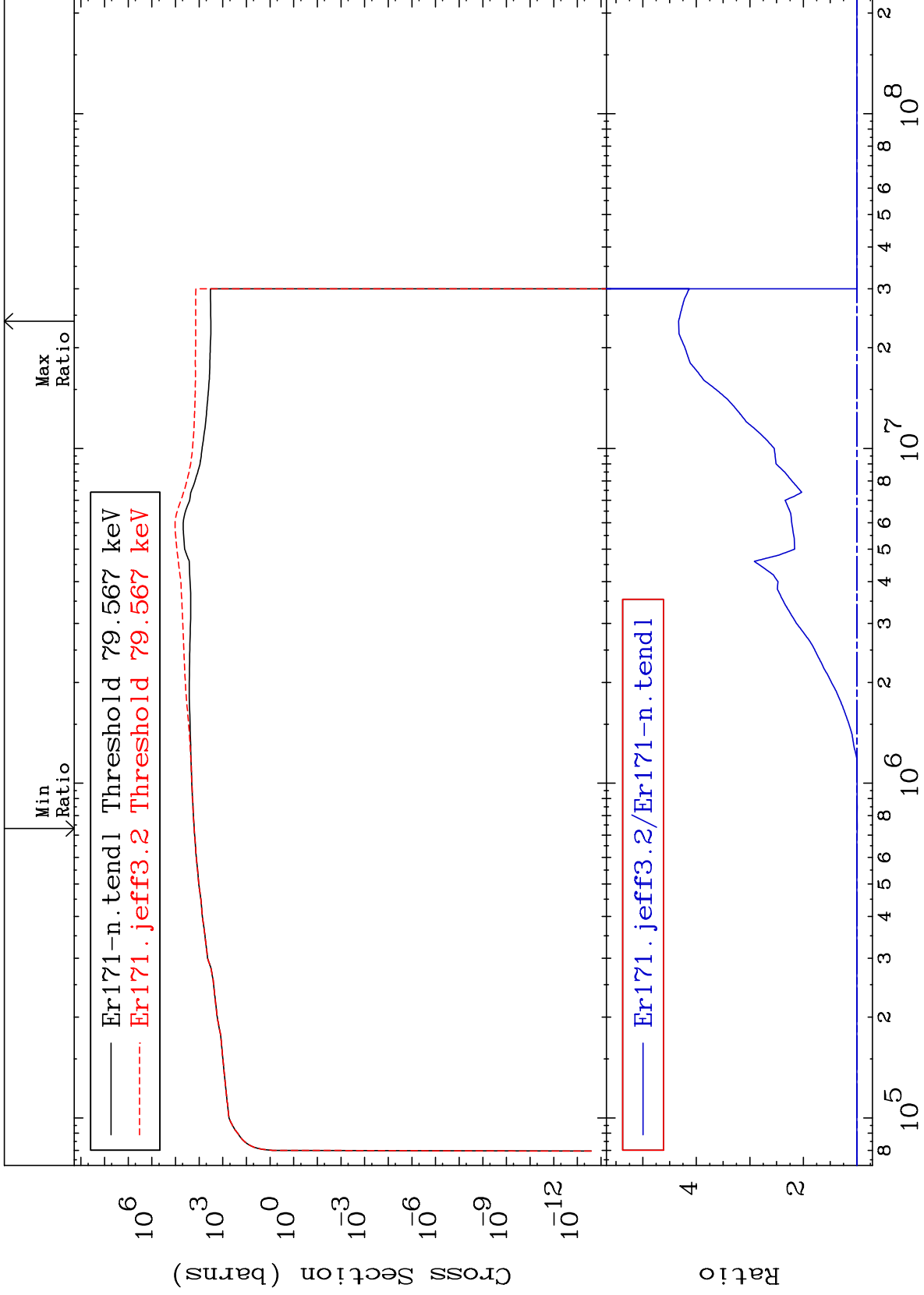
Incident Energy (eV)

68-Er-171

MAT 6852

Dpa inelastic (mt51-91)
Cross Section

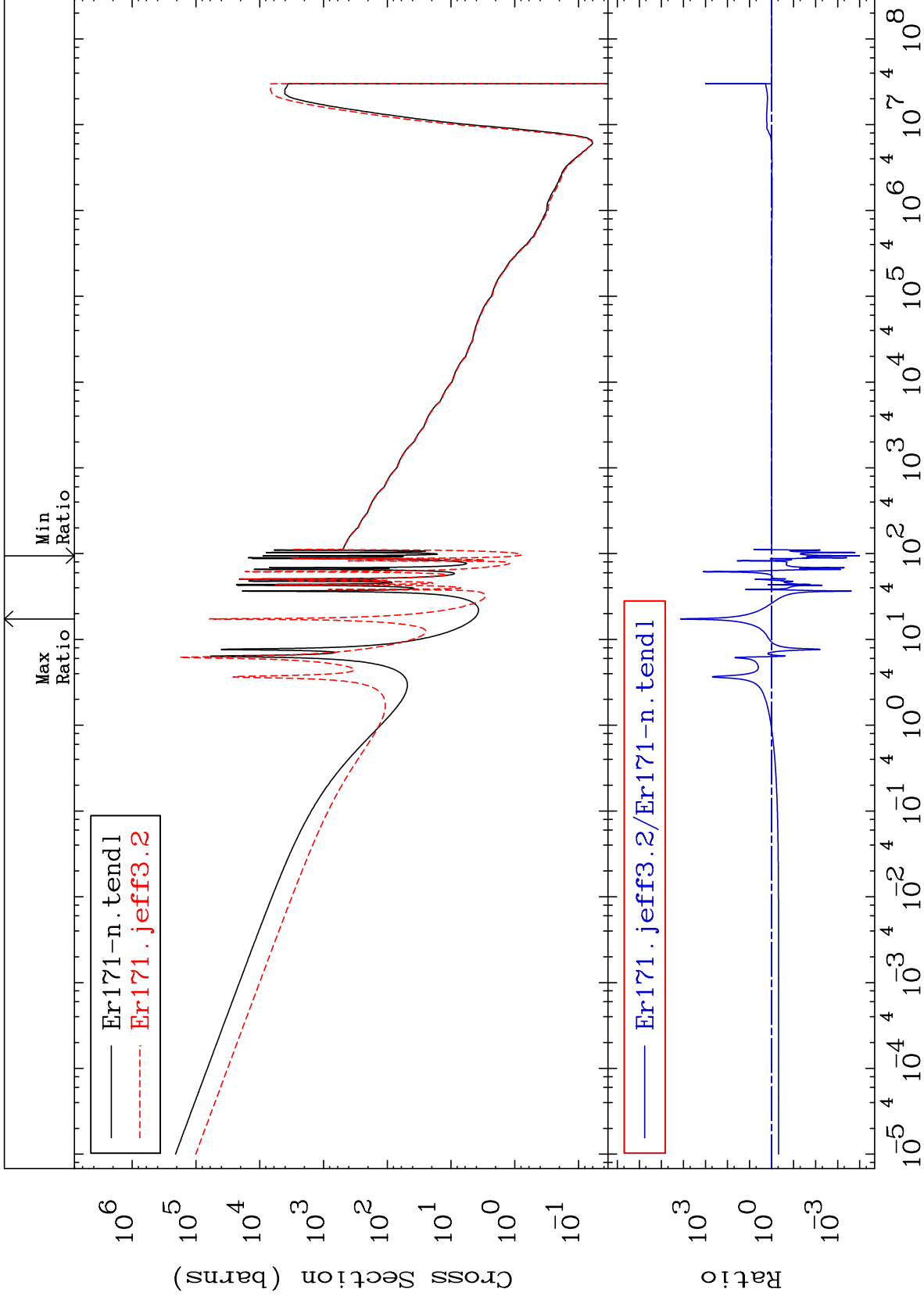
68-Er-171
-0.641 To 333.1 %



71

Incident Energy (eV)

68-Er-171

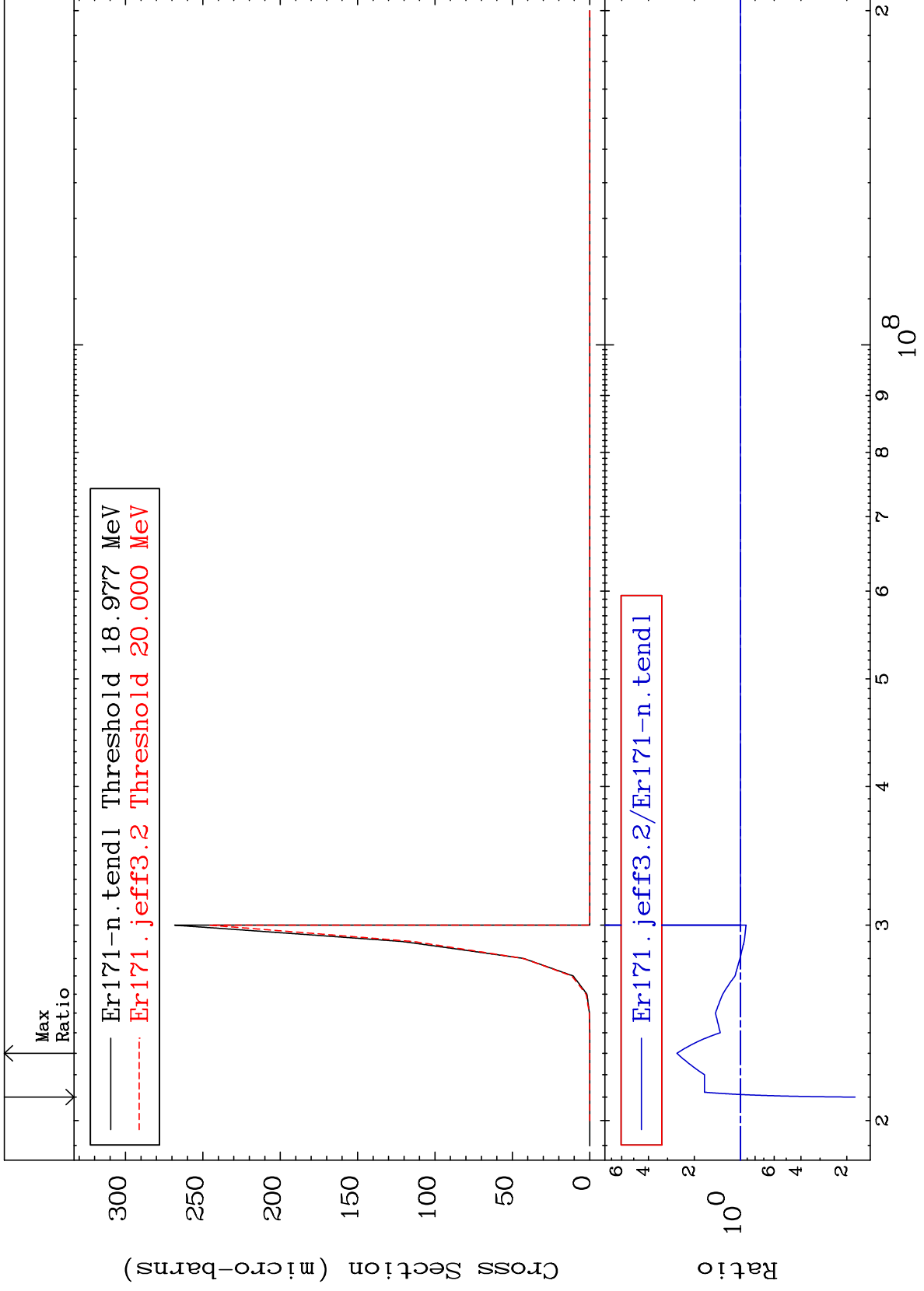


MAT 6852

(n,2n) d:67-Ho-168g

68-Er-171

Radionuclide Production Cross Section -82.34 To 160.4 %

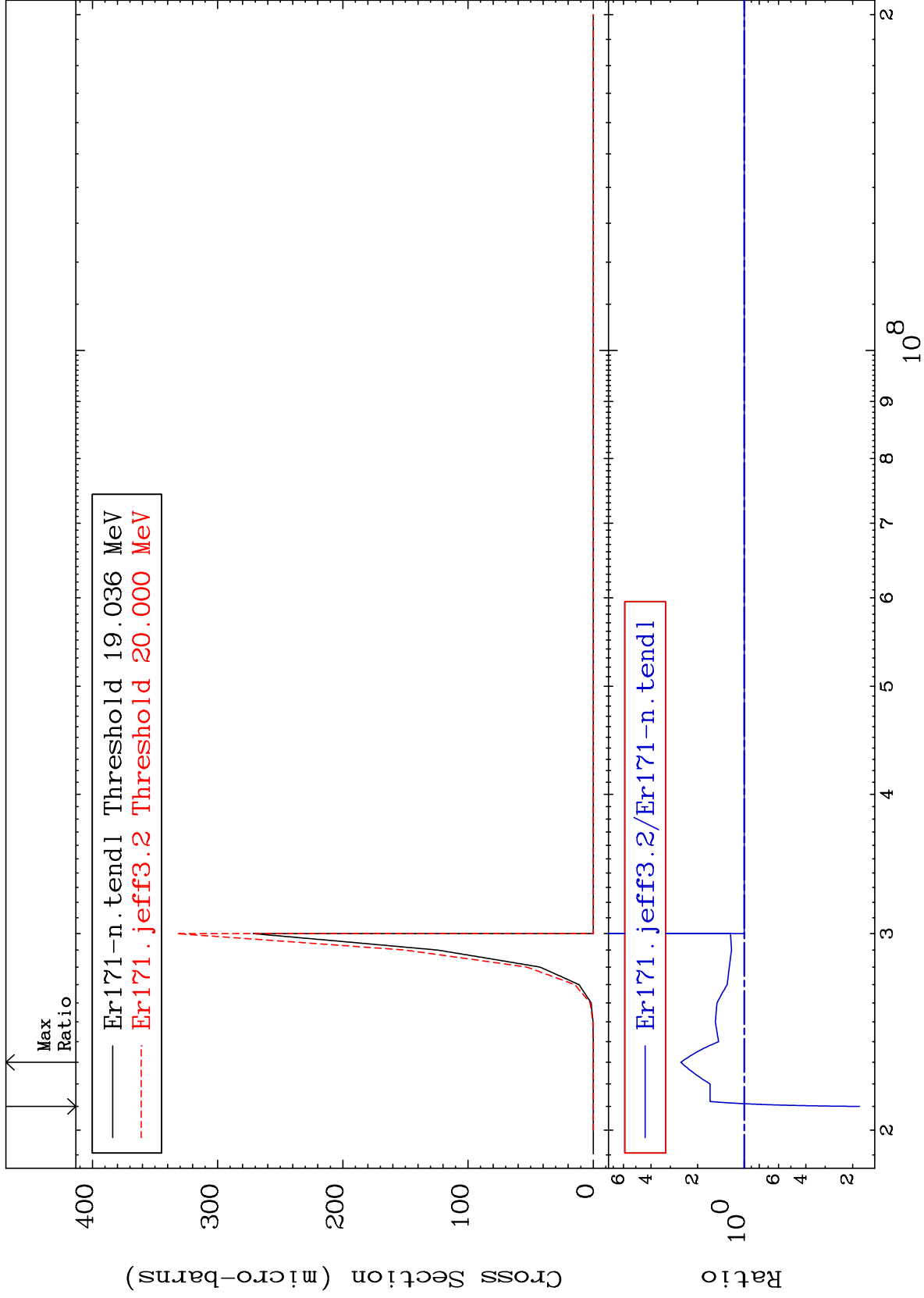


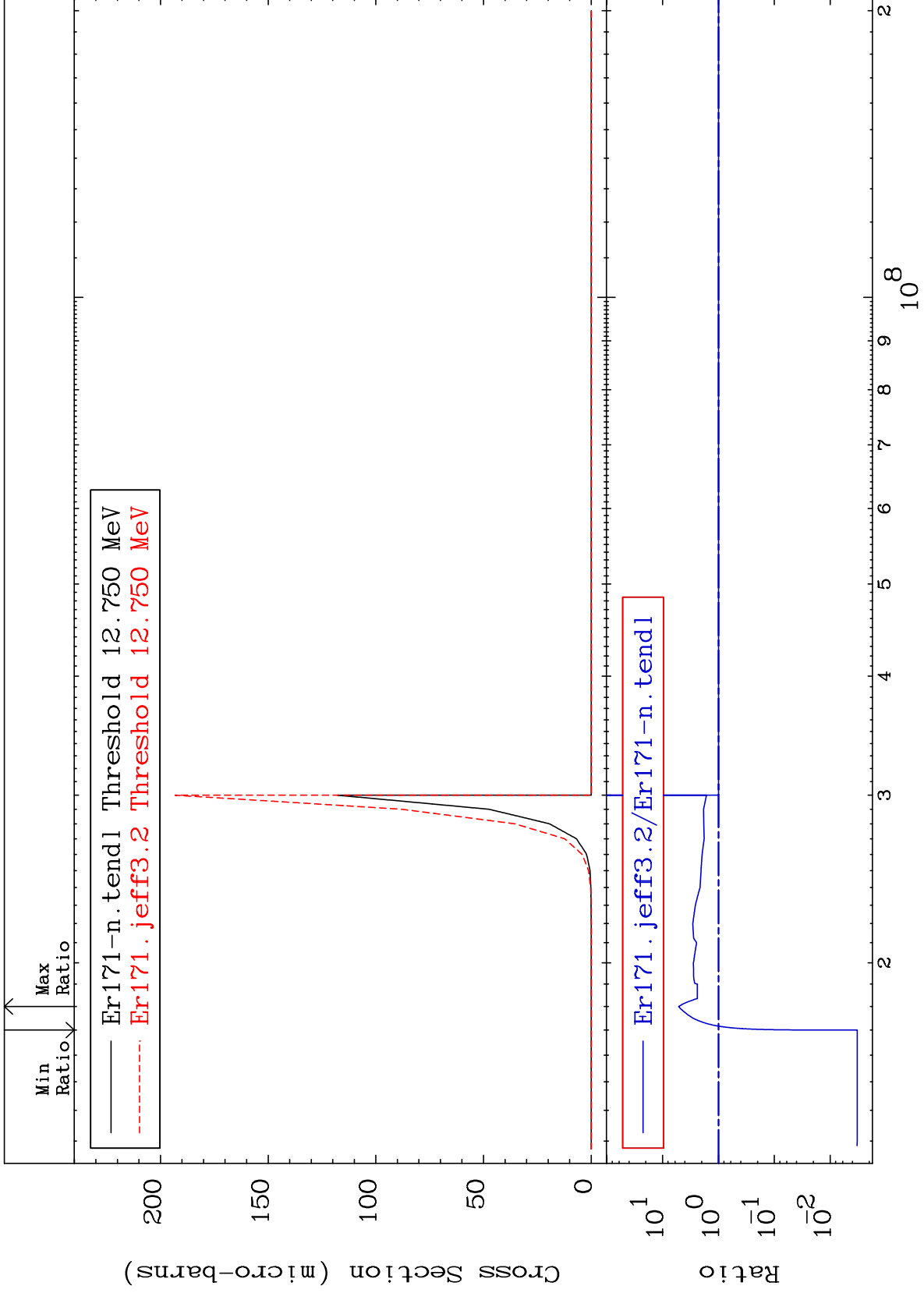
MAT 6852

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

68-Er-171

Radionuclide Production Cross Section -81.96 To 156.6 %



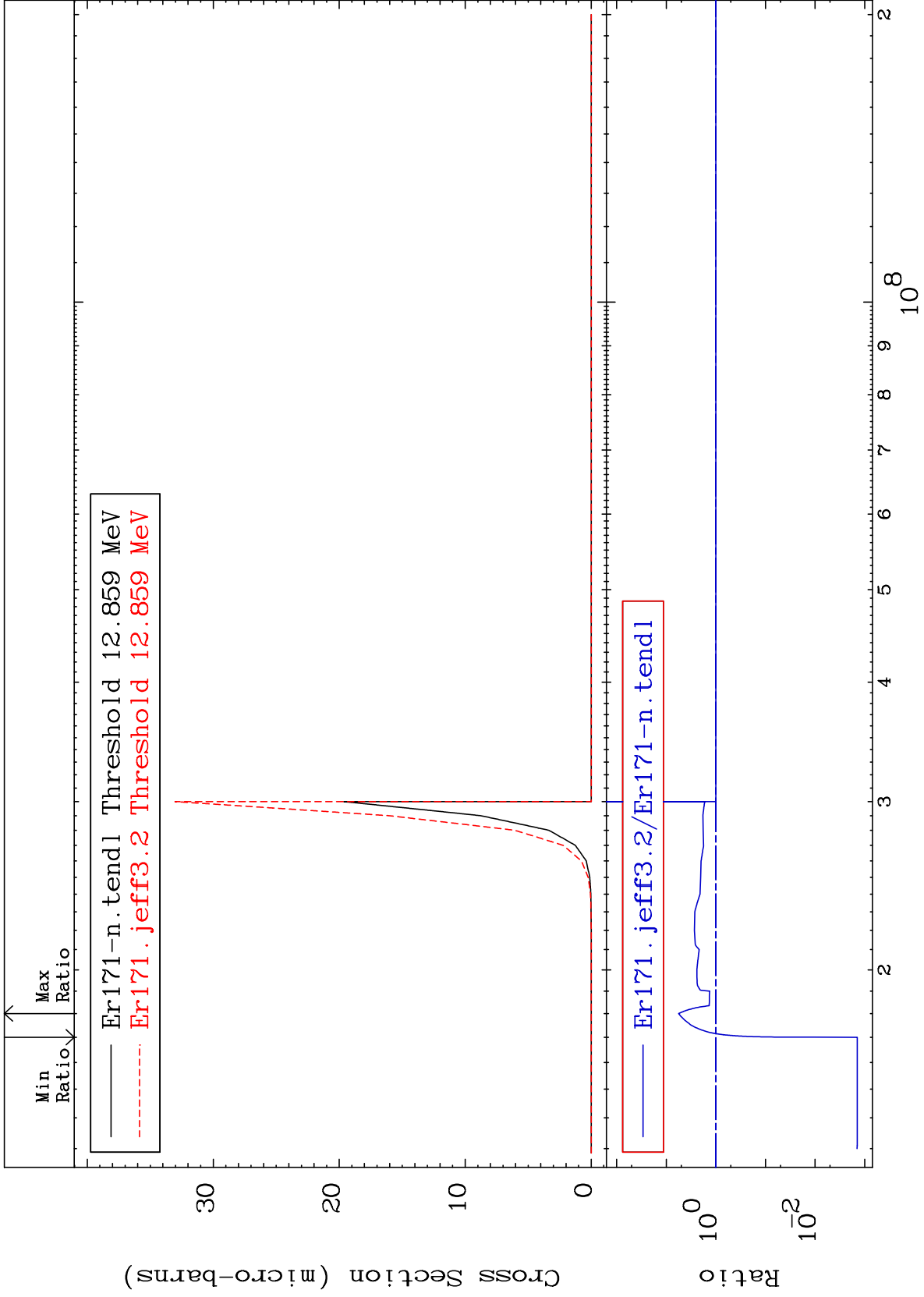


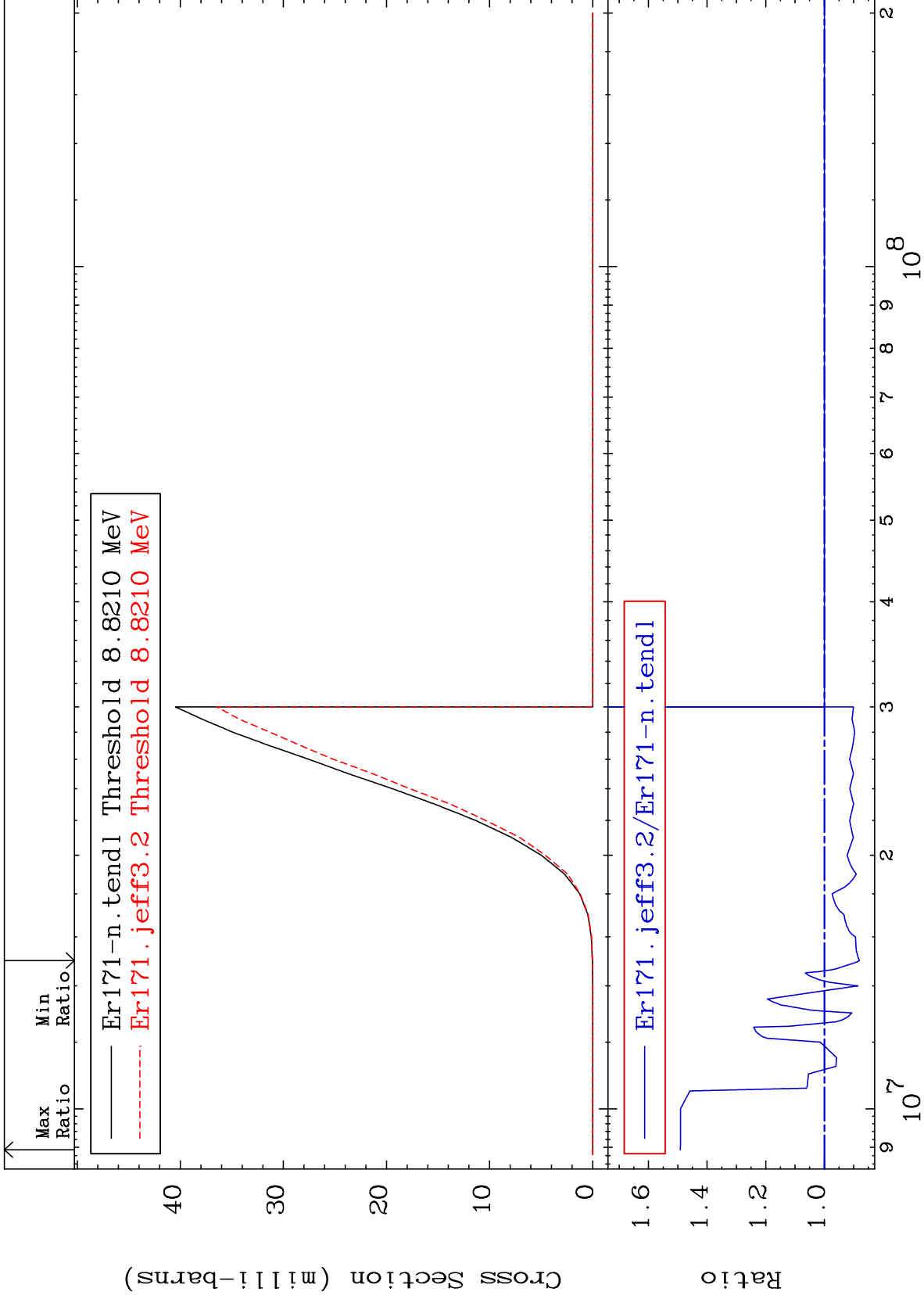
MAT 6852

(n,3n) α : 66-Dy-165m2

68-Er-171

Radionuclide Production Cross Section -99.86 To 463.2 %



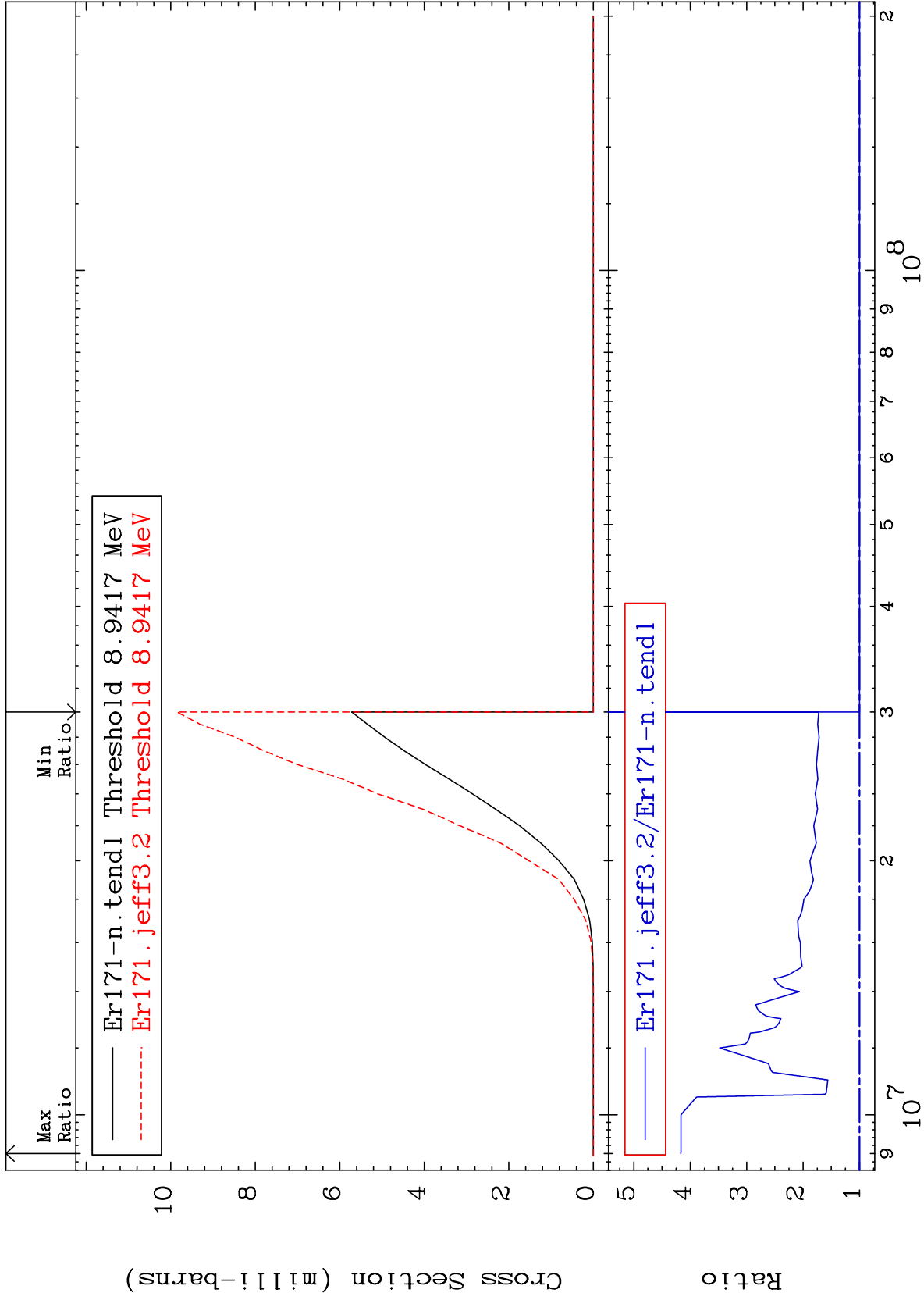


MAT 6852

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

68-Er-171

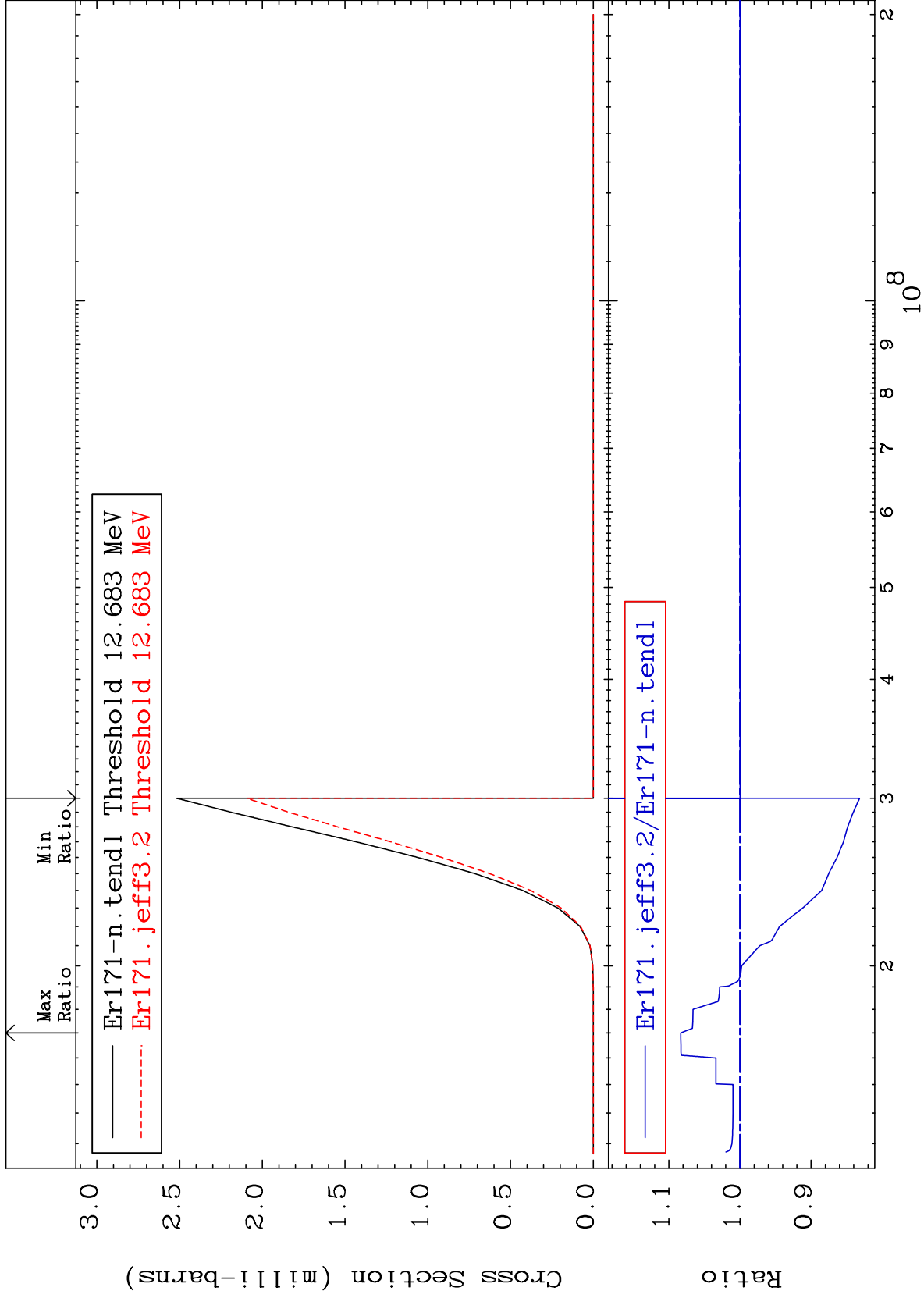
Radionuclide Production Cross Section 0.000 To 316.8 %



78

Incident Energy (eV)

68-Er-171

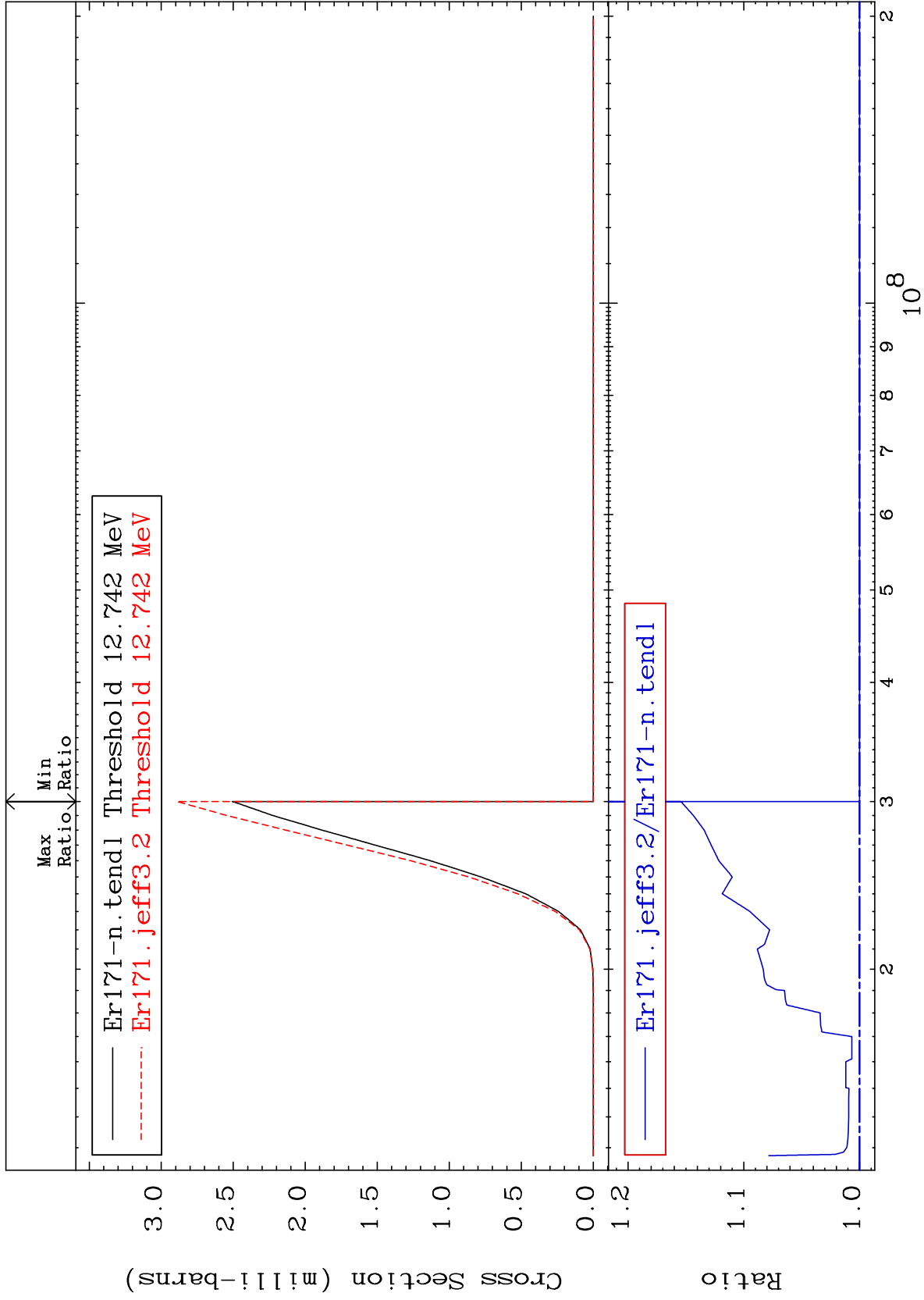


MAT 6852

(n, n') t:67-Ho-168m1

68-Er-171

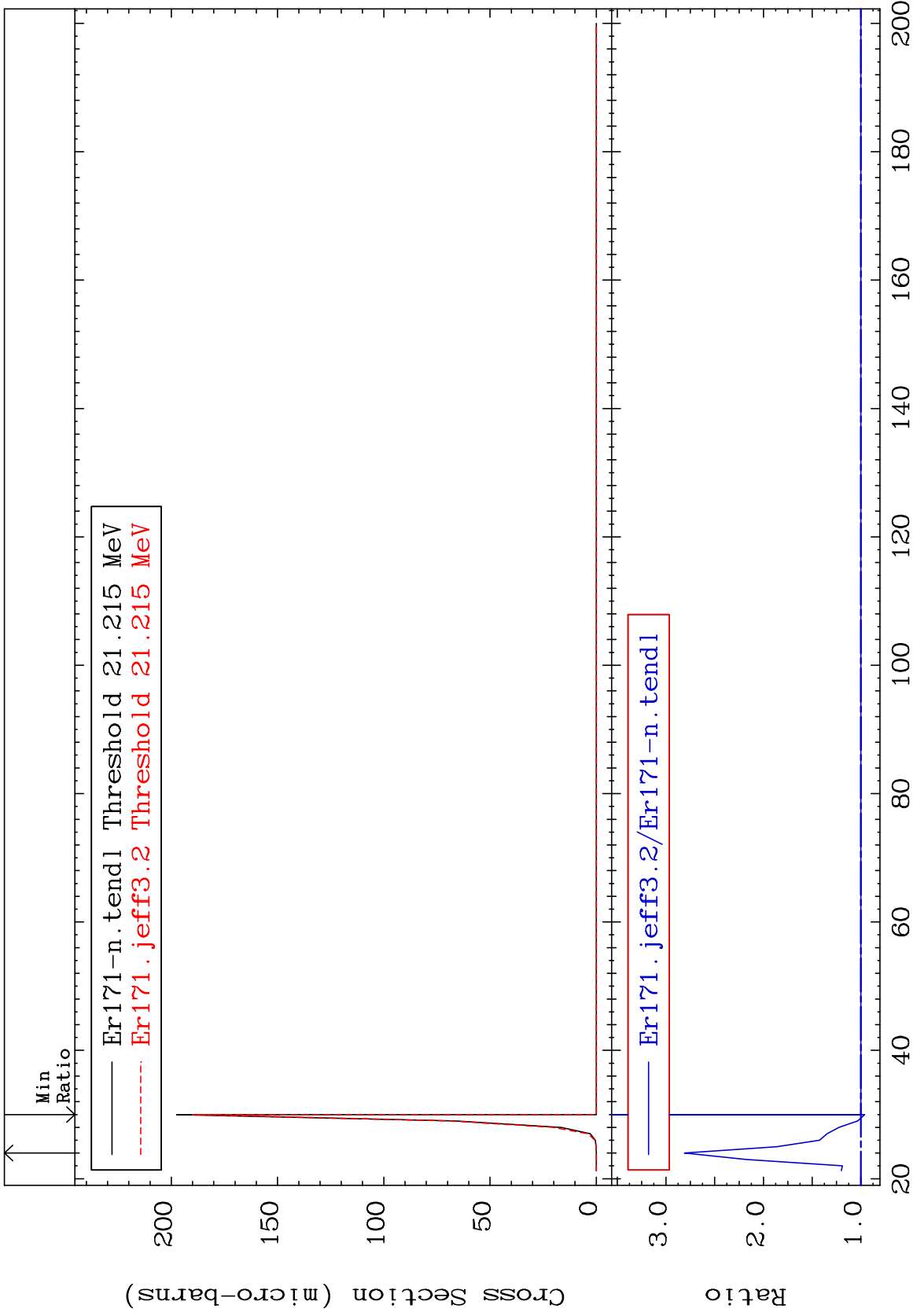
Radionuclide Production Cross Section 0.000 To 15.44 %



80

Incident Energy (eV)

68-Er-171

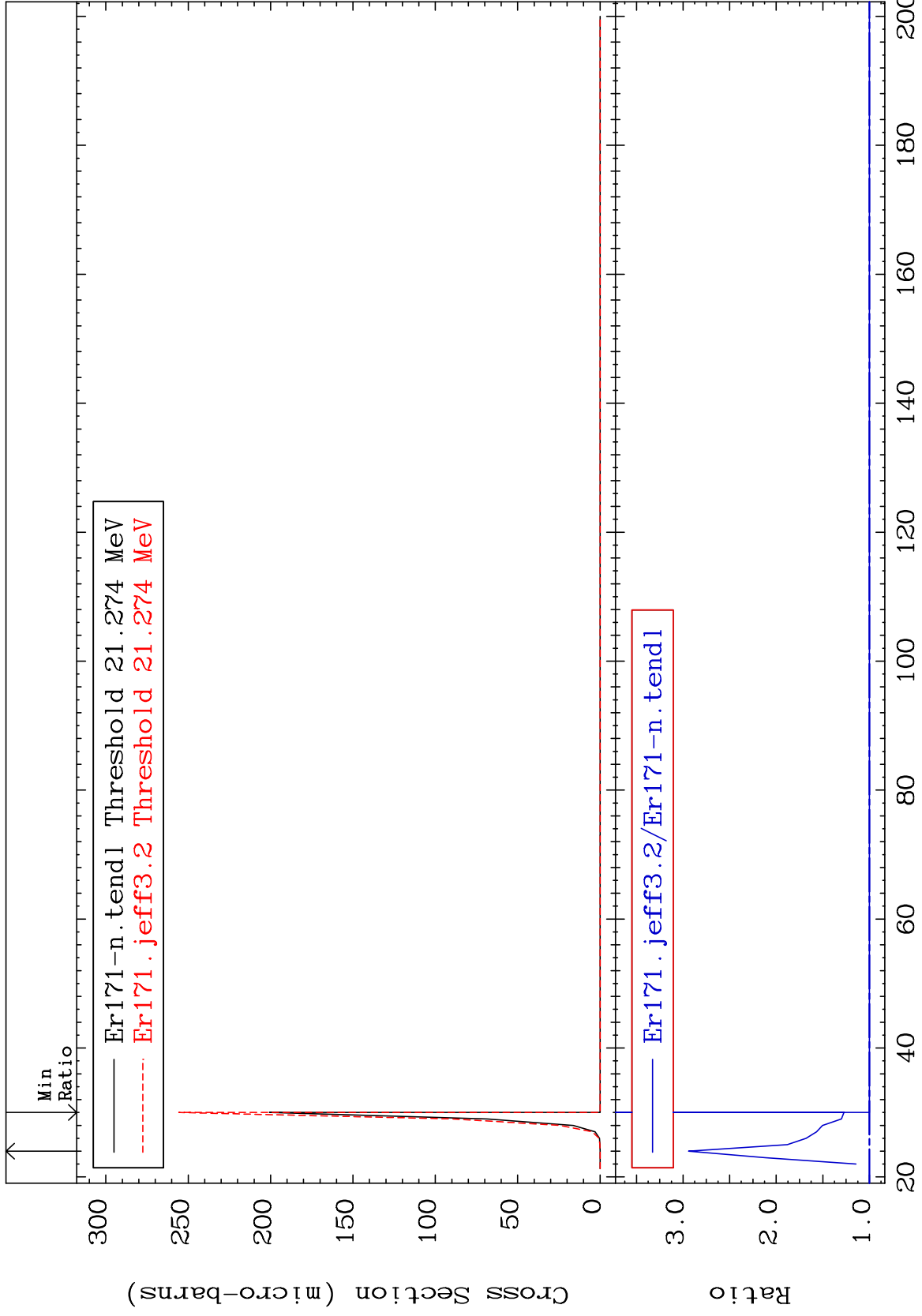


MAT 6852

(n,3n) p:67-Ho-168m1

68-Er-171

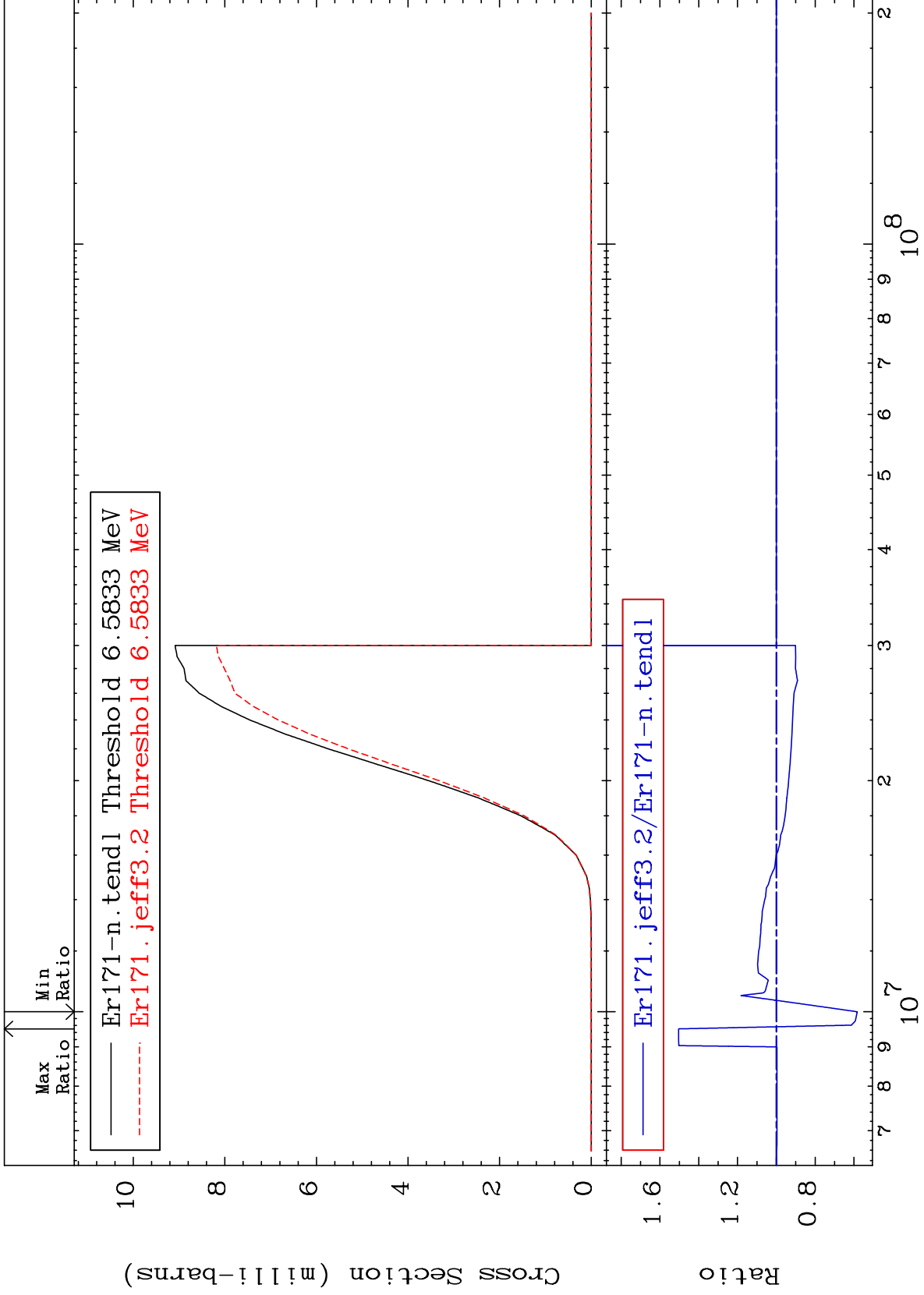
Radionuclide Production Cross Section 0.000 To 194.0 %



82

Incident Energy (MeV)

68-Er-171



Radionuclide Production Cross Section -93.35 To 50.70 %

