

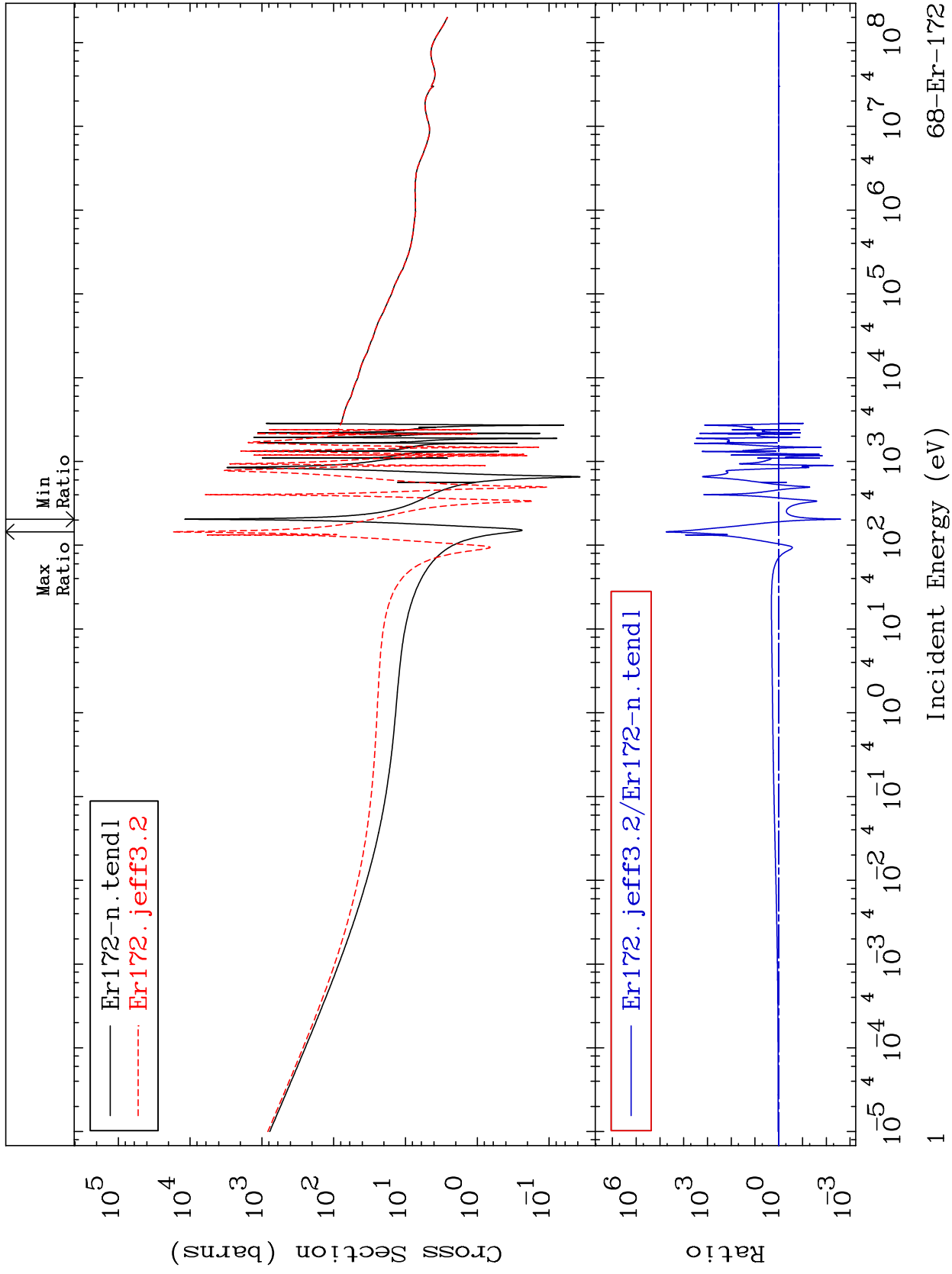
MAT 6855

Total

68-Er-172

Cross Section

-99.76 To 9999. %



68-Er-172

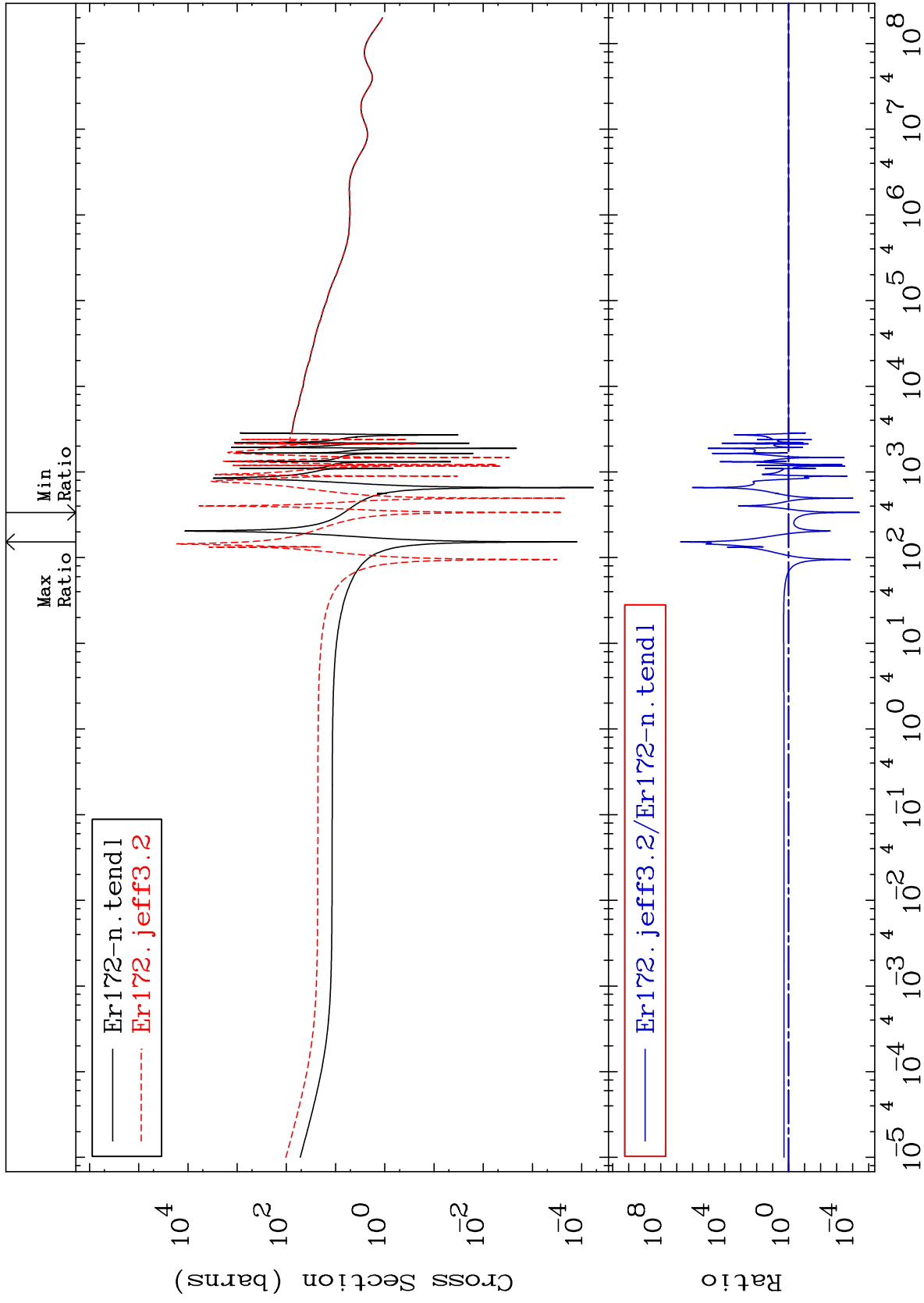
MAT 6855

Elastic

68-Er-172

Cross Section

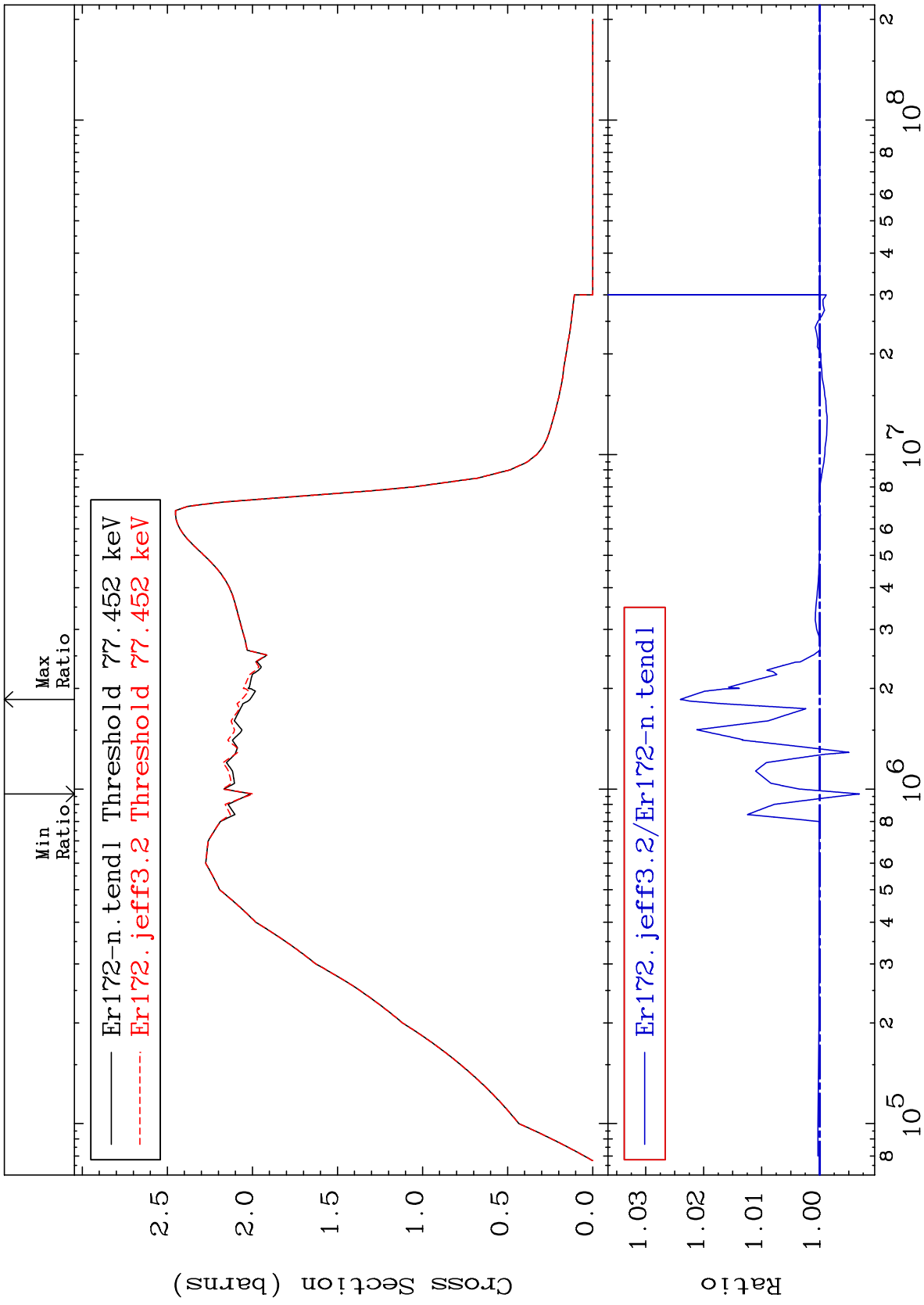
-100.0 To 9999. %



MAT 6855

Inelastic
Cross Section

68-Er-172
-0.685 To 2.403 %



3

Incident Energy (eV)

68-Er-172

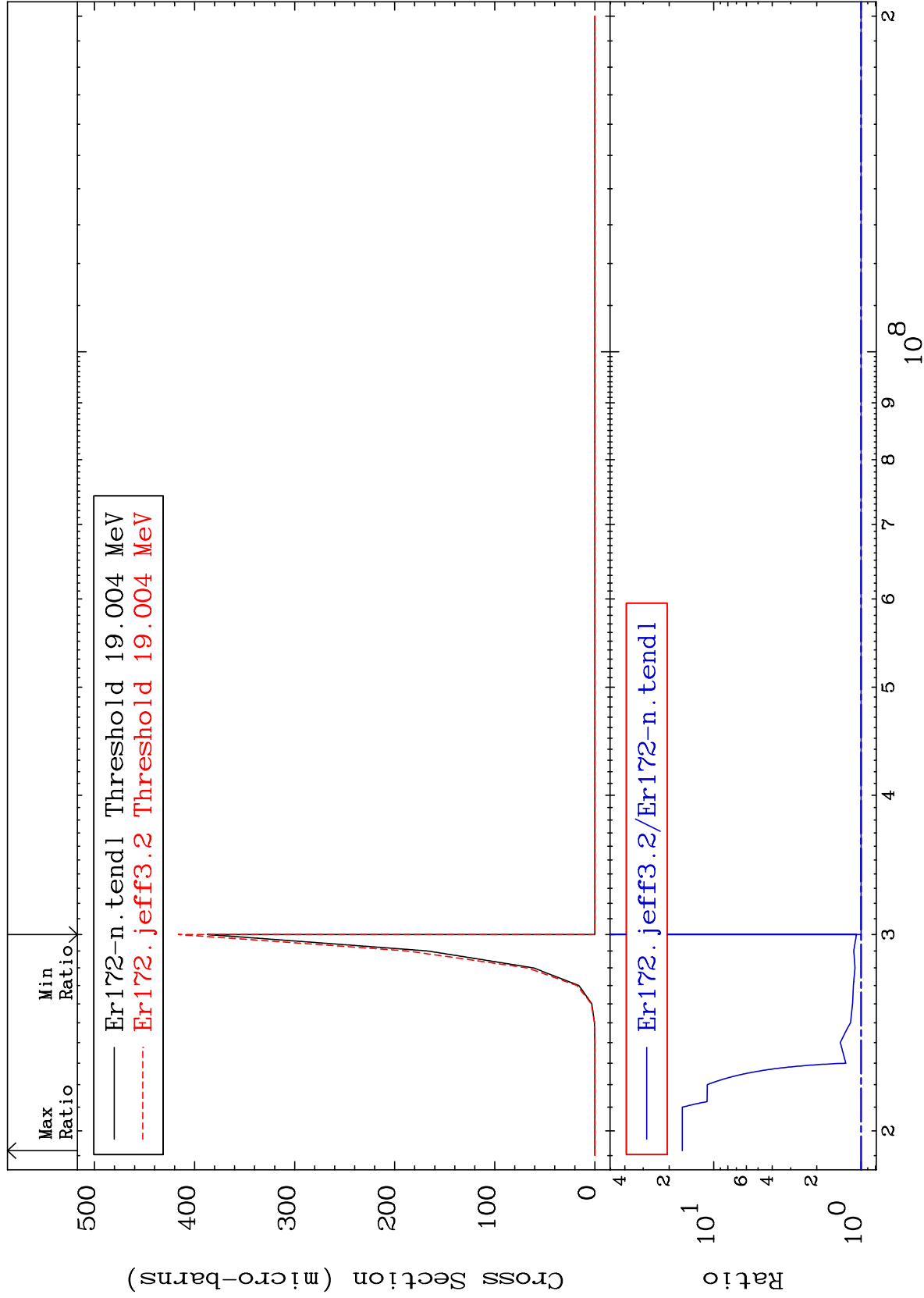
MAT 6855

(n,2n) d

68-Er-172

Cross Section

0.000 To 1530. %



4

Incident Energy (eV)

68-Er-172

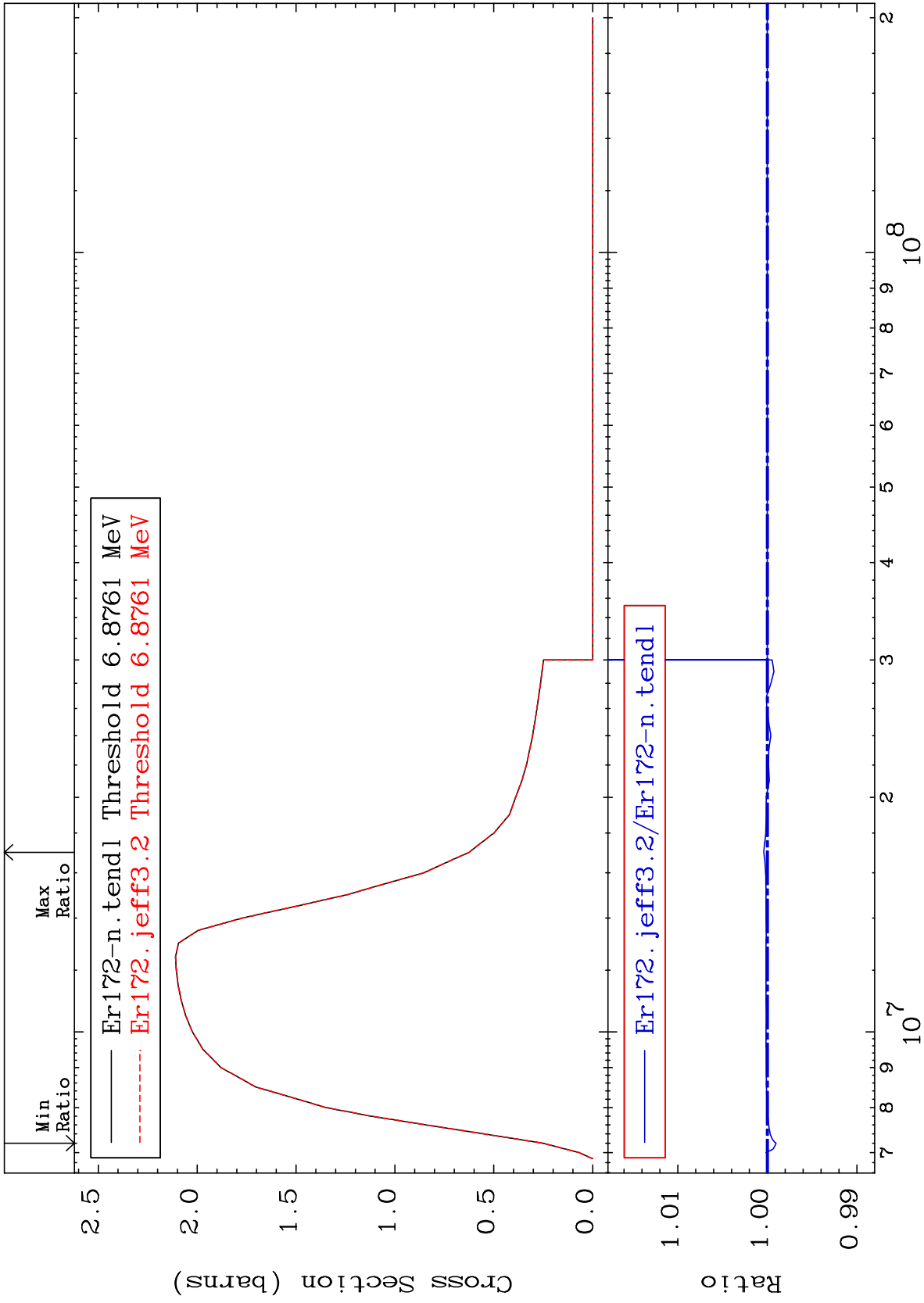
MAT 6855

(n,2n)

68-Er-172

Cross Section

-0.096 To 0.039 %



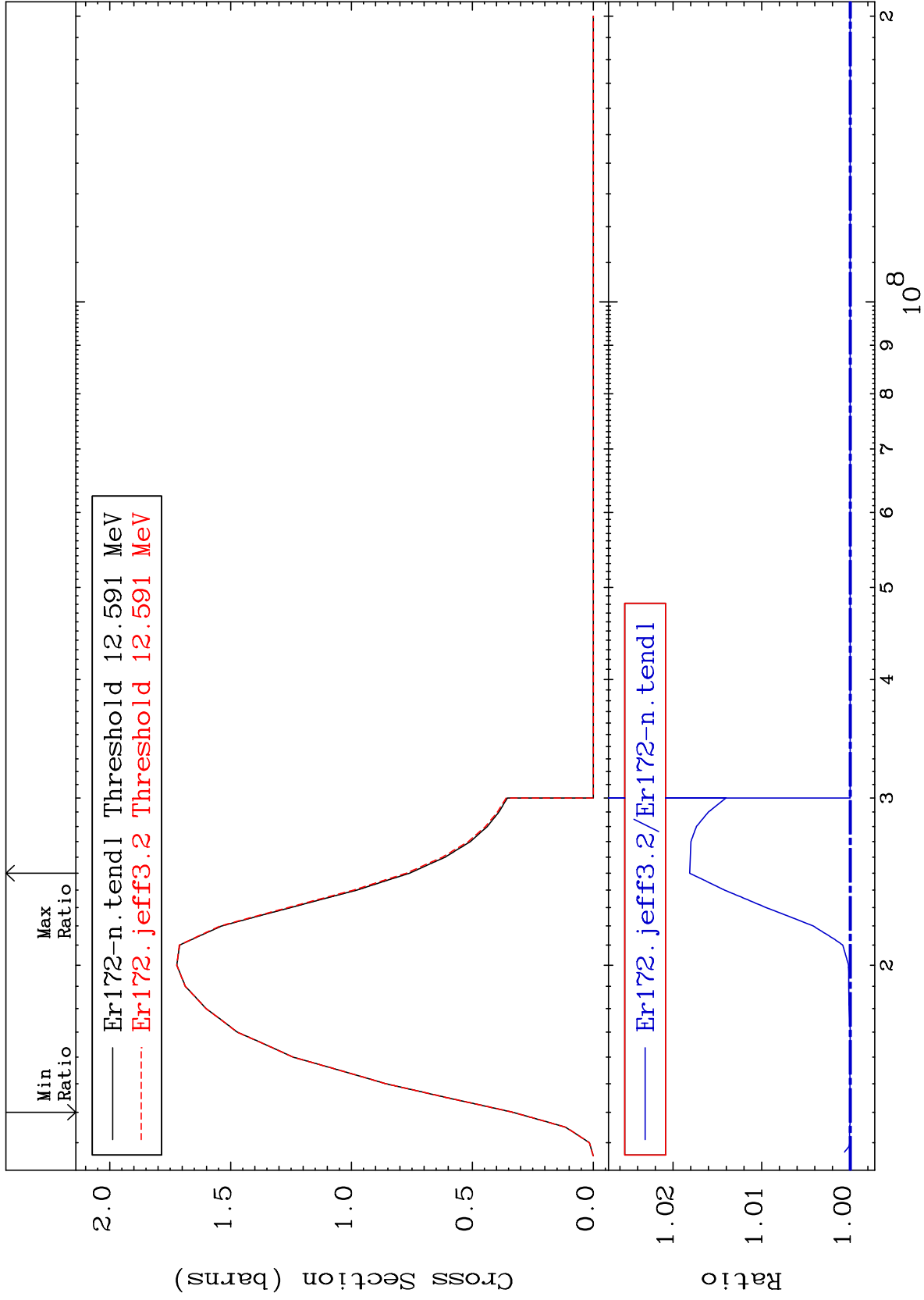
5

Incident Energy (eV)

68-Er-172

Cross Section

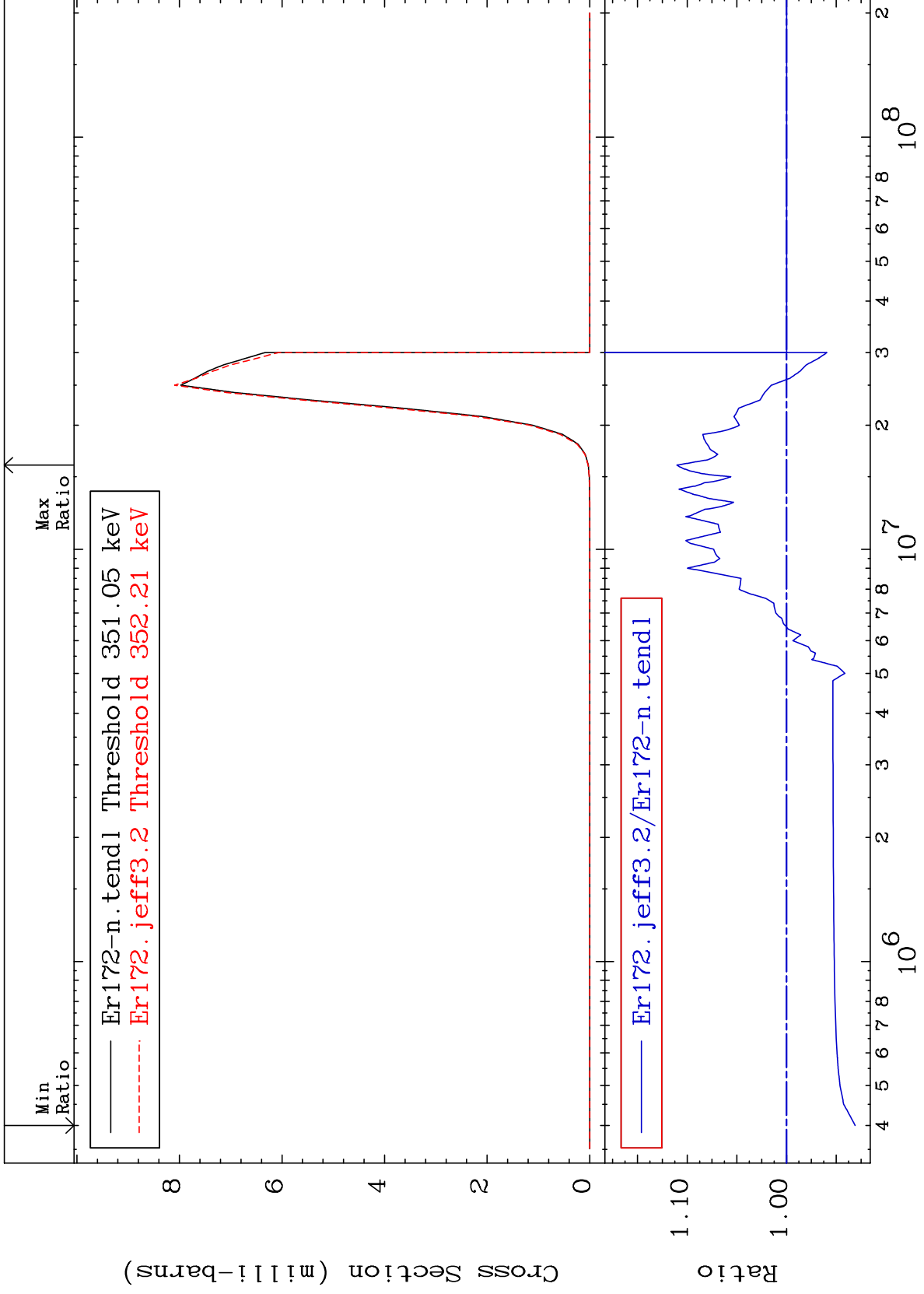
-0.005 To 1.813 %



MAT 6855

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

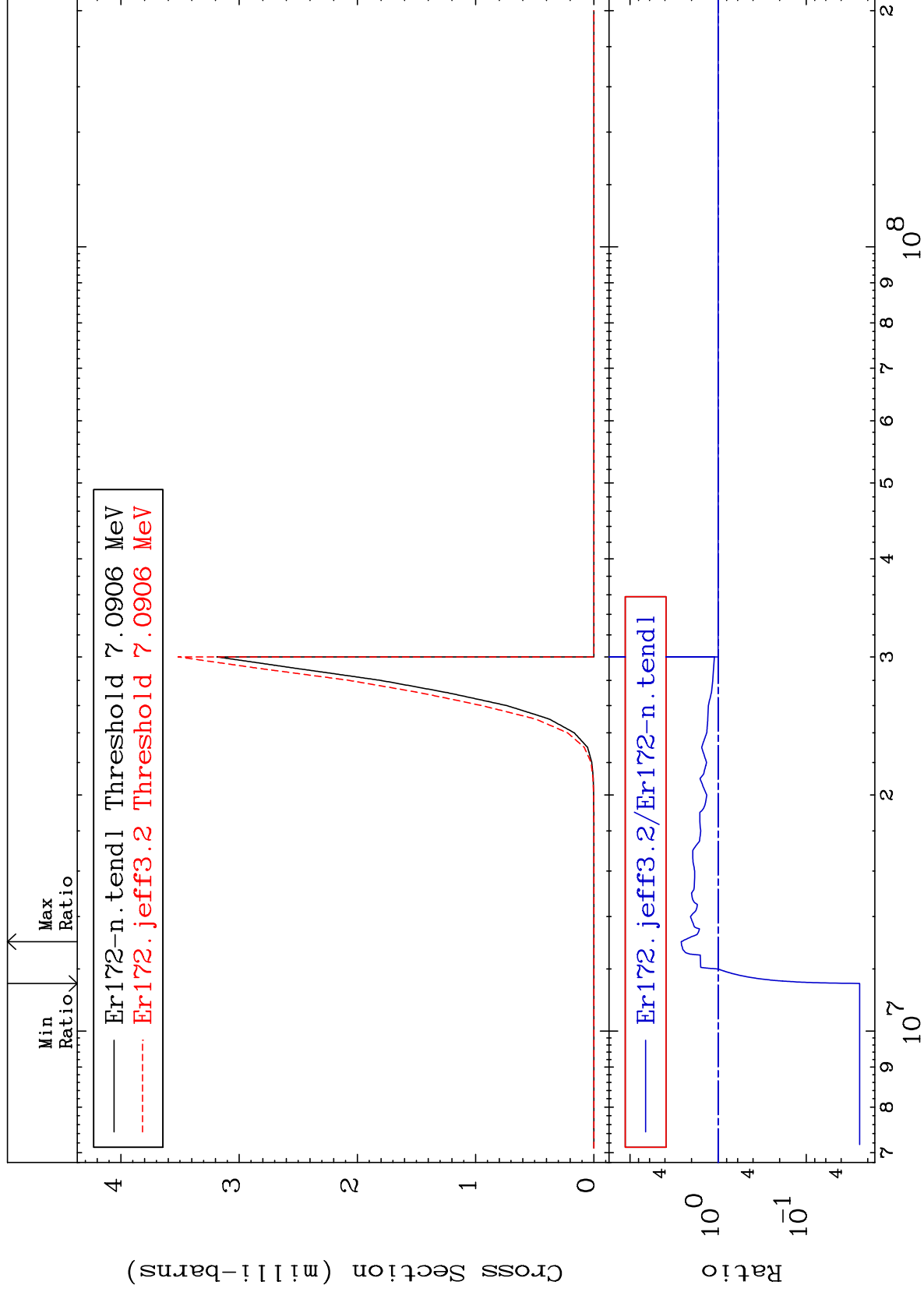
68-Er-172
-6.898 To 11.03 %



MAT 6855

(n,2n) α
Cross Section

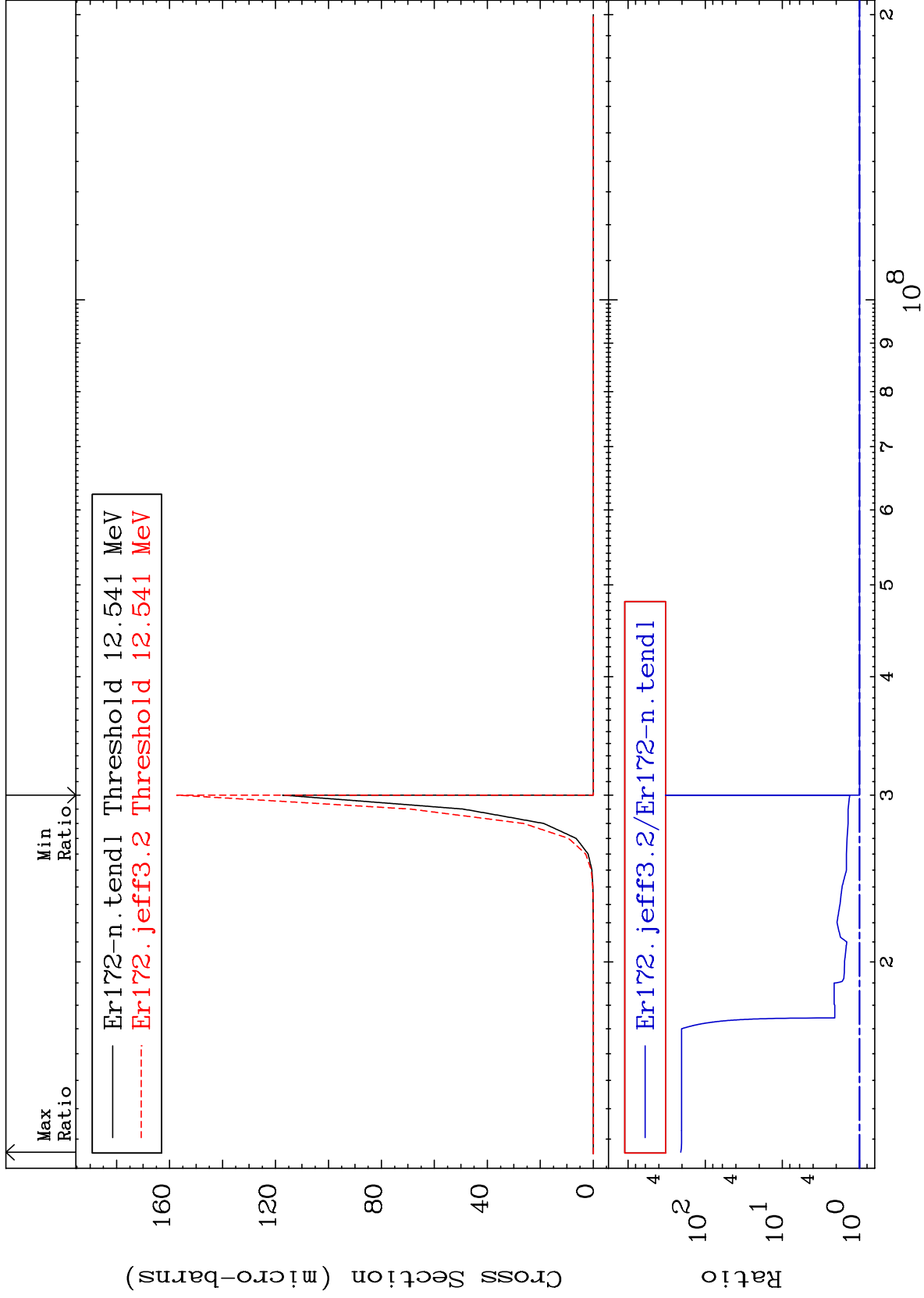
68-Er-172
-97.53 To 162.0 %



MAT 6855

(n,3n) α
Cross Section

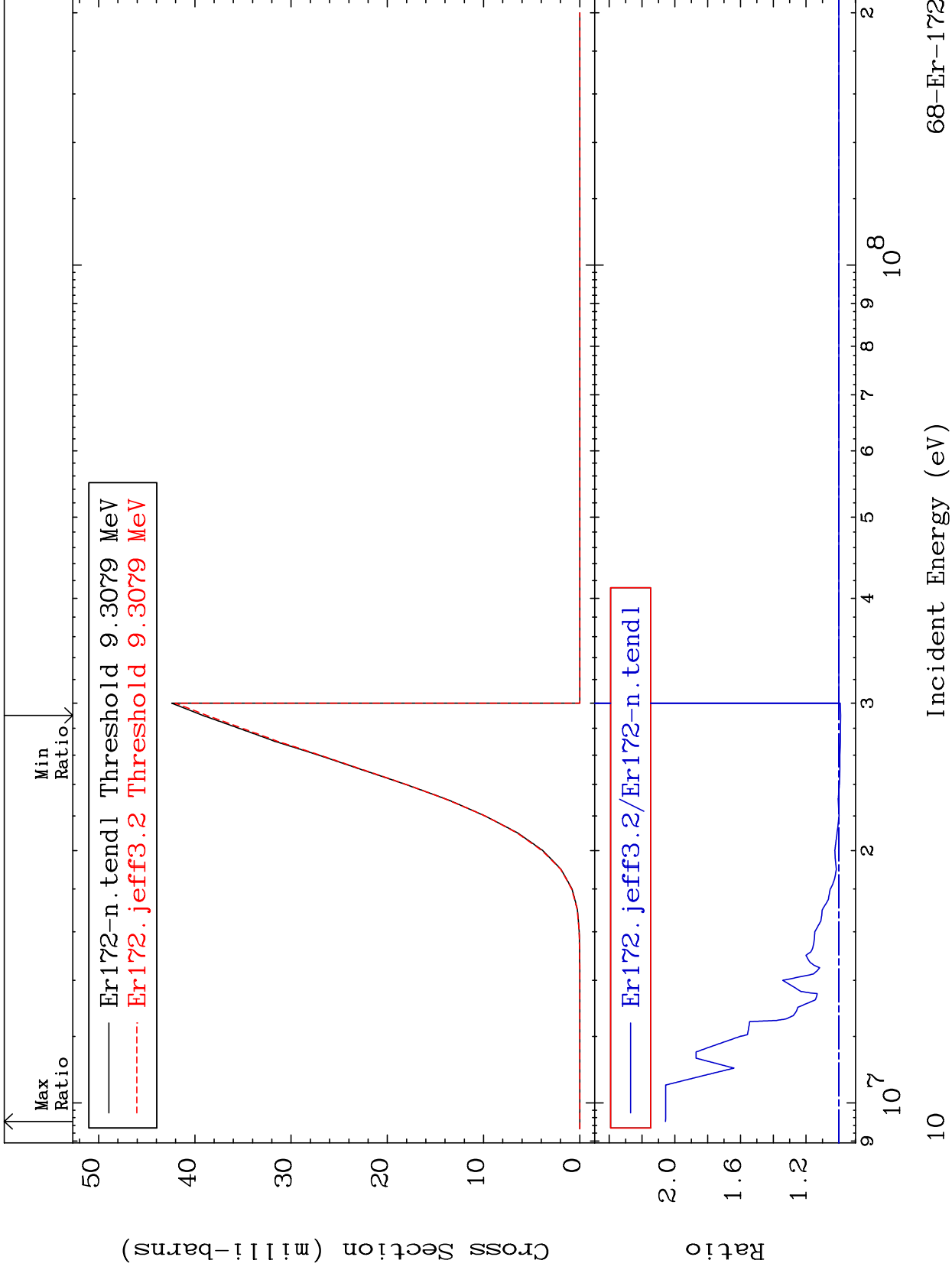
68-Er-172
To 9999. %
0.000



MAT 6855

(n,n') p
Cross Section

68-Er-172
-1.095 To 105.7 %



MAT 6855

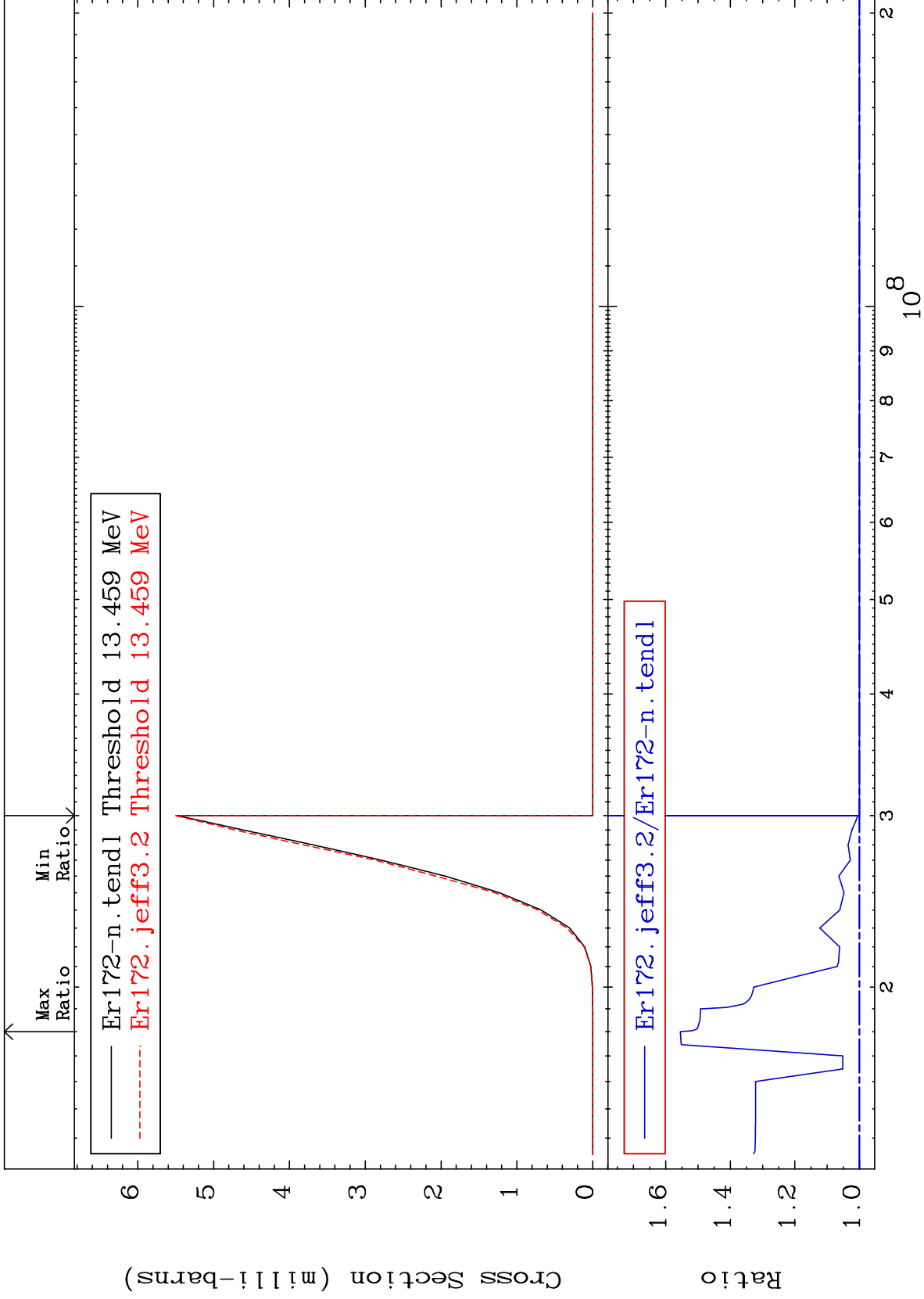
(n, n') d

68-Er-172

Cross Section

0.000

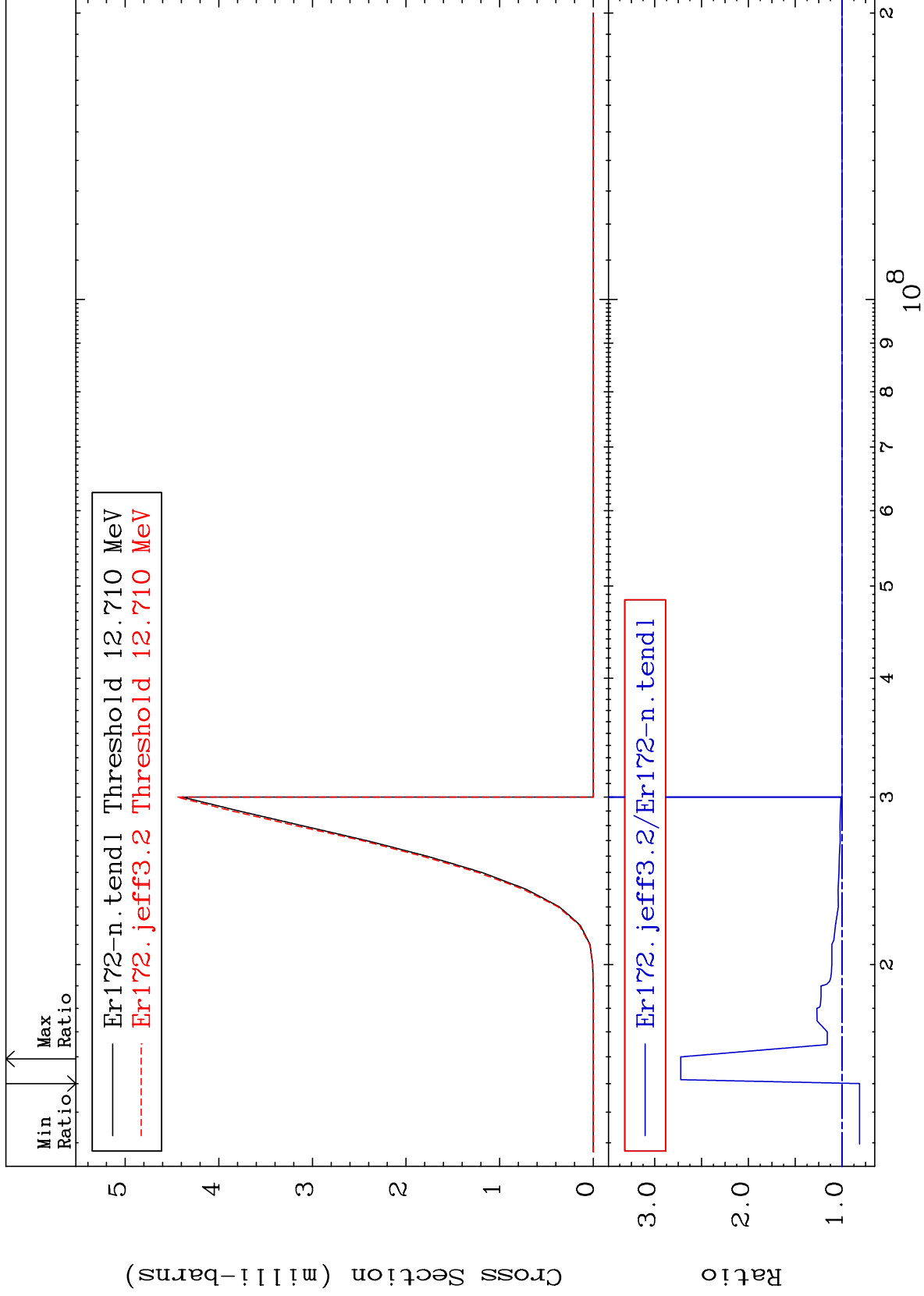
To 55.48 %



MAT 6855

(n,n') t
Cross Section

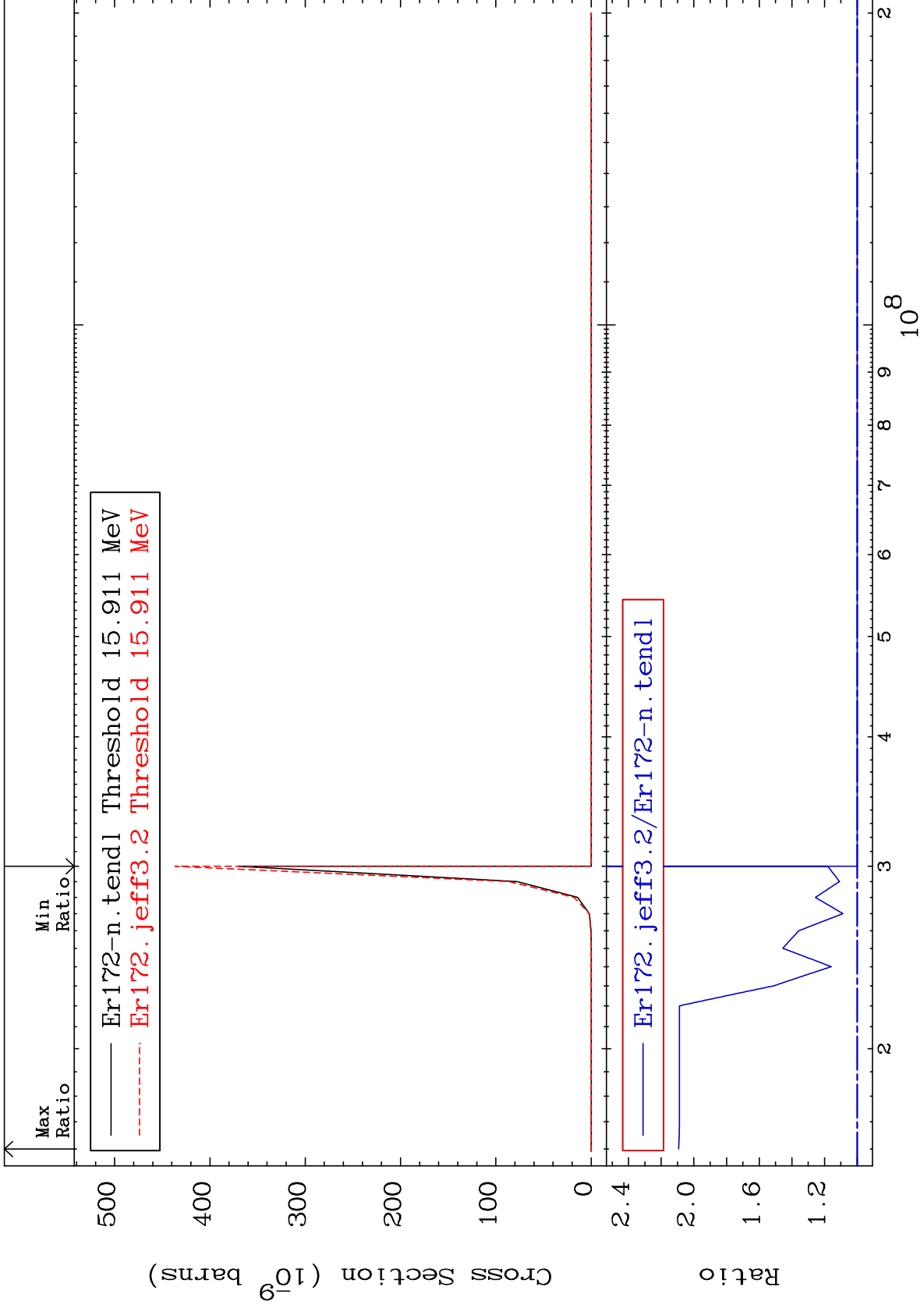
68-Er-172
-18.59 To 172.3 %



MAT 6855

(n, n') He-3
Cross Section

68-Er-172
To 109.3 %



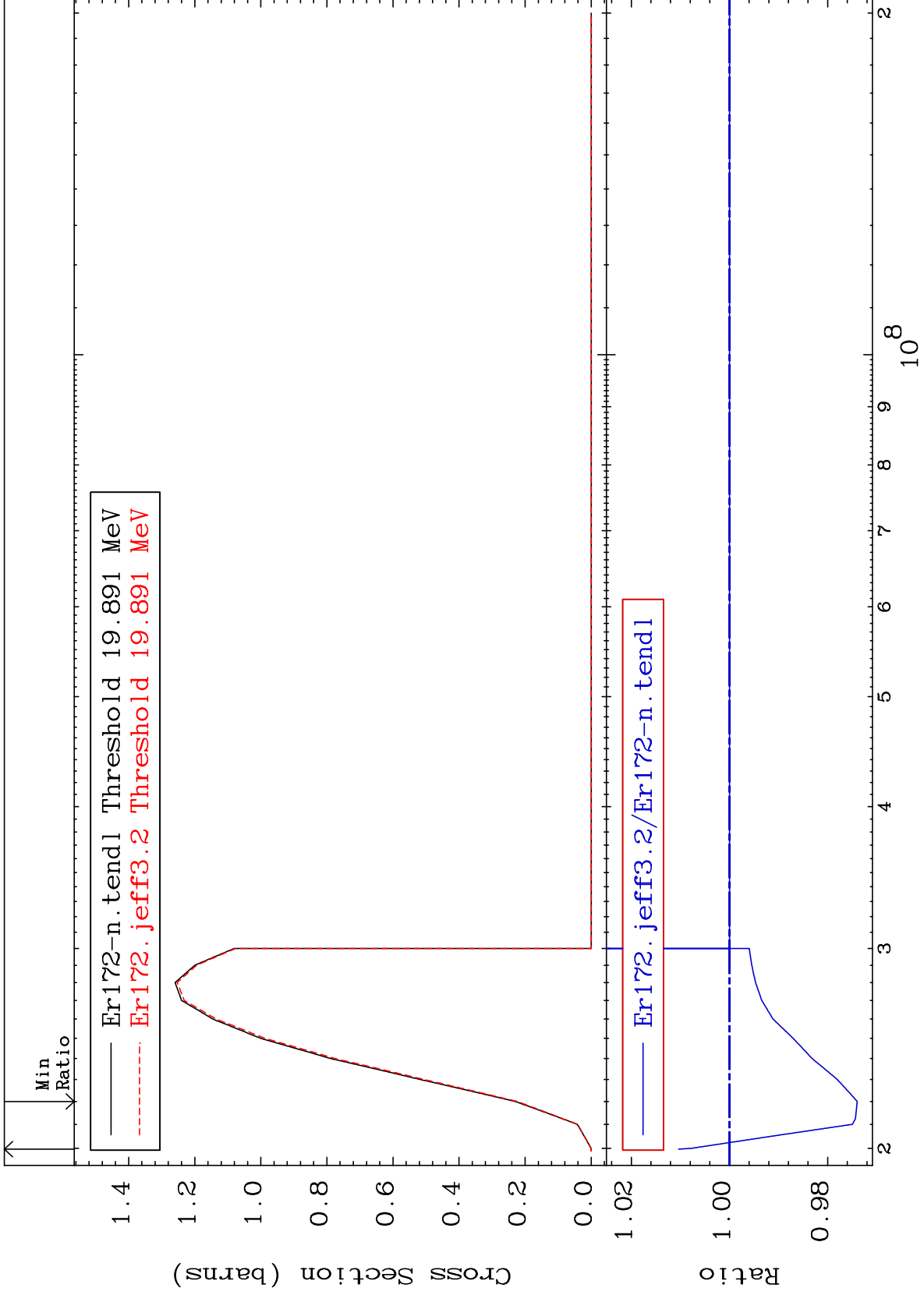
MAT 6855

(n,4n)

68-Er-172

Cross Section

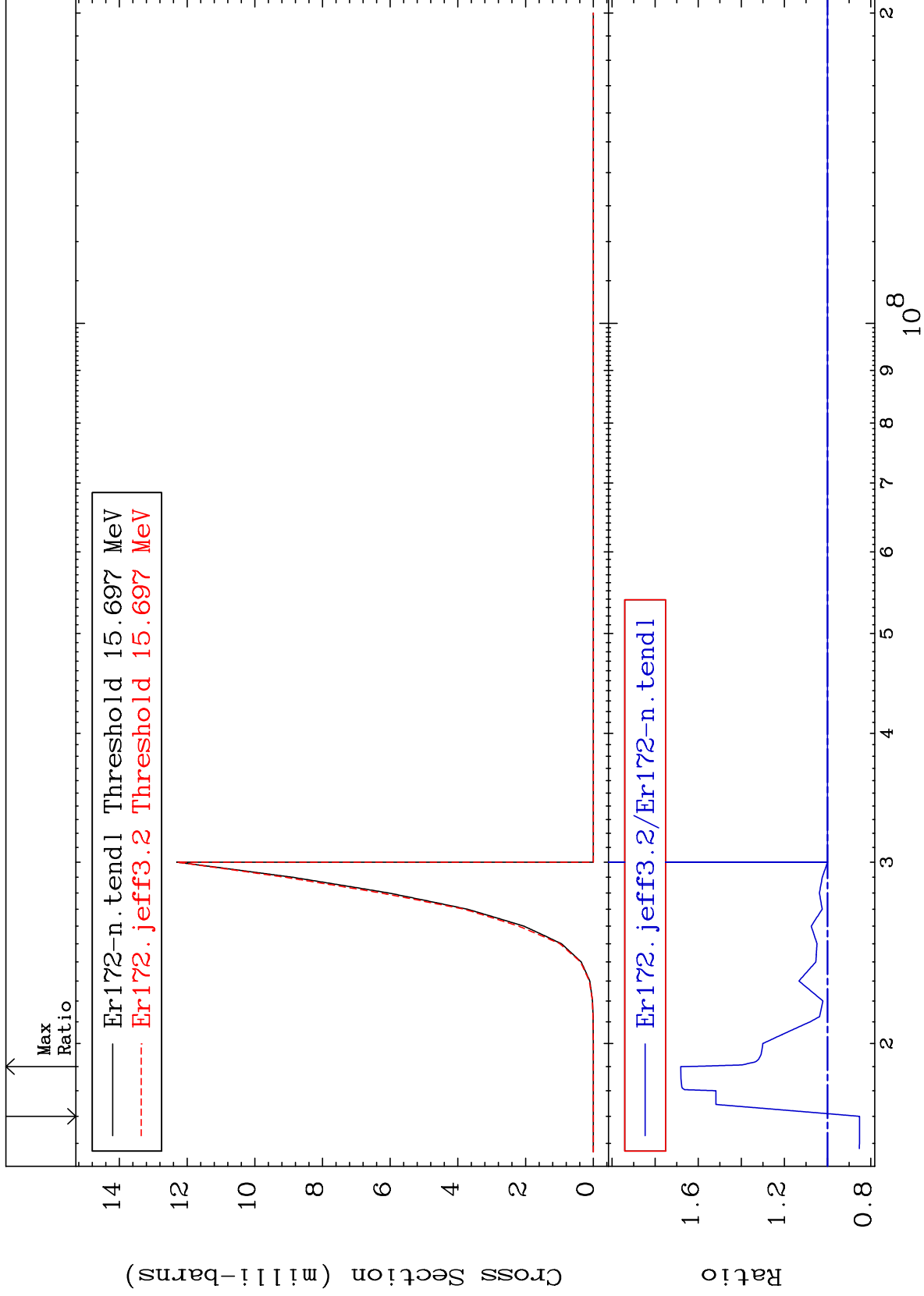
-2.602 To 1.036 %



MAT 6855

(n,2n) p
Cross Section

68-Er-172
-14.83 To 68.12 %



15

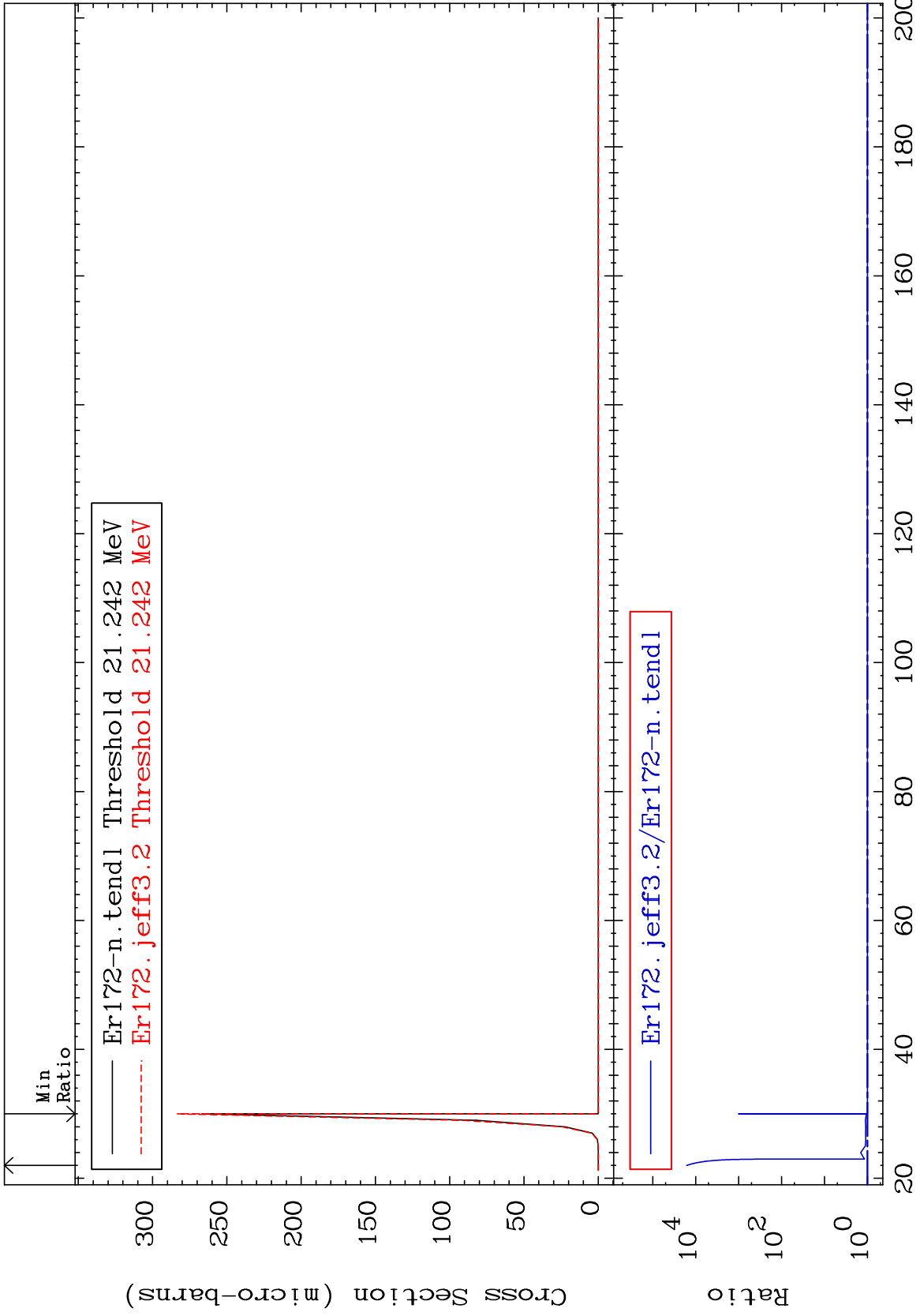
Incident Energy (eV)

68-Er-172

MAT 6855

(n,3n) p
Cross Section

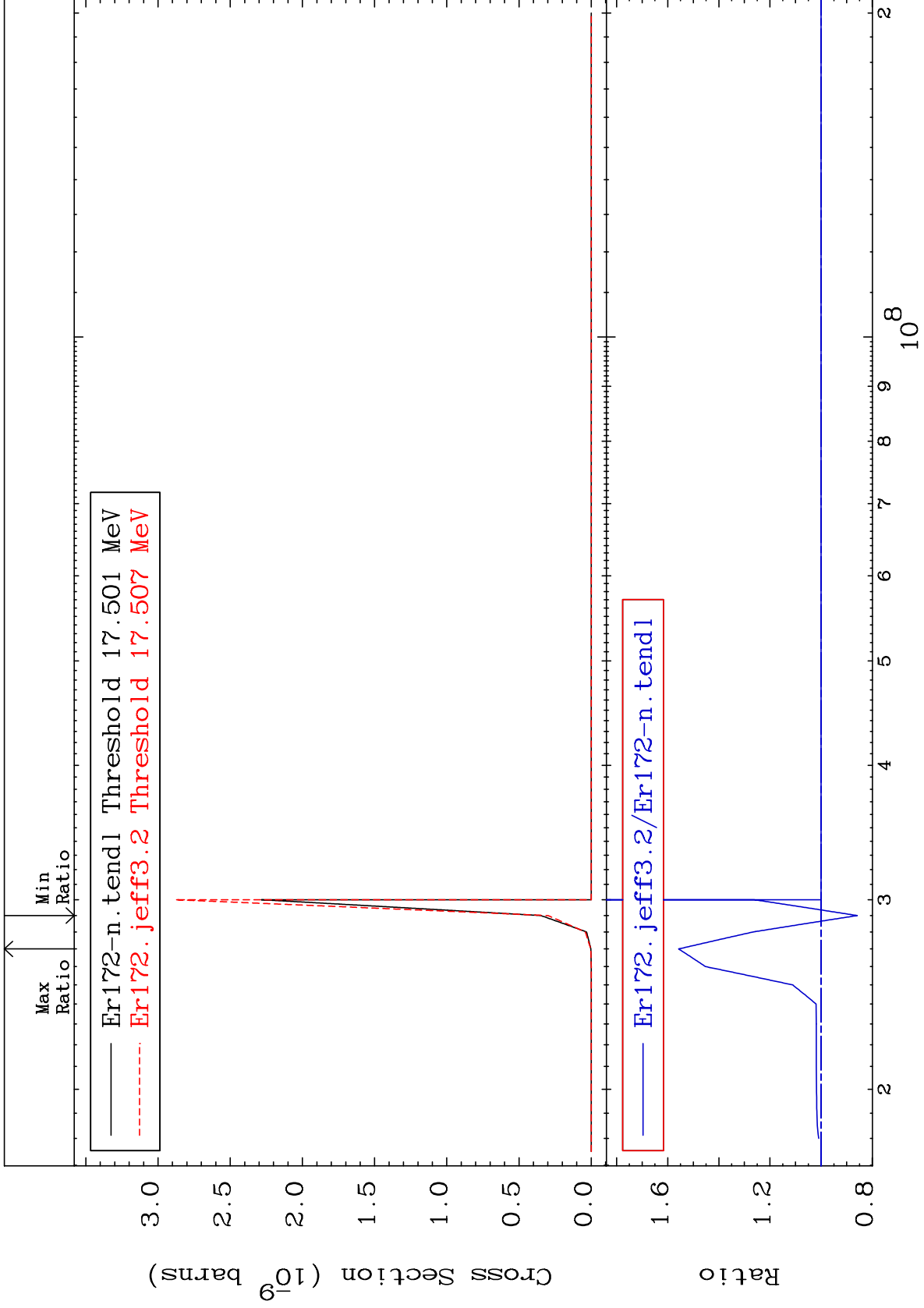
68-Er-172
To 9999. %



MAT 6855

(n,2n) p
Cross Section

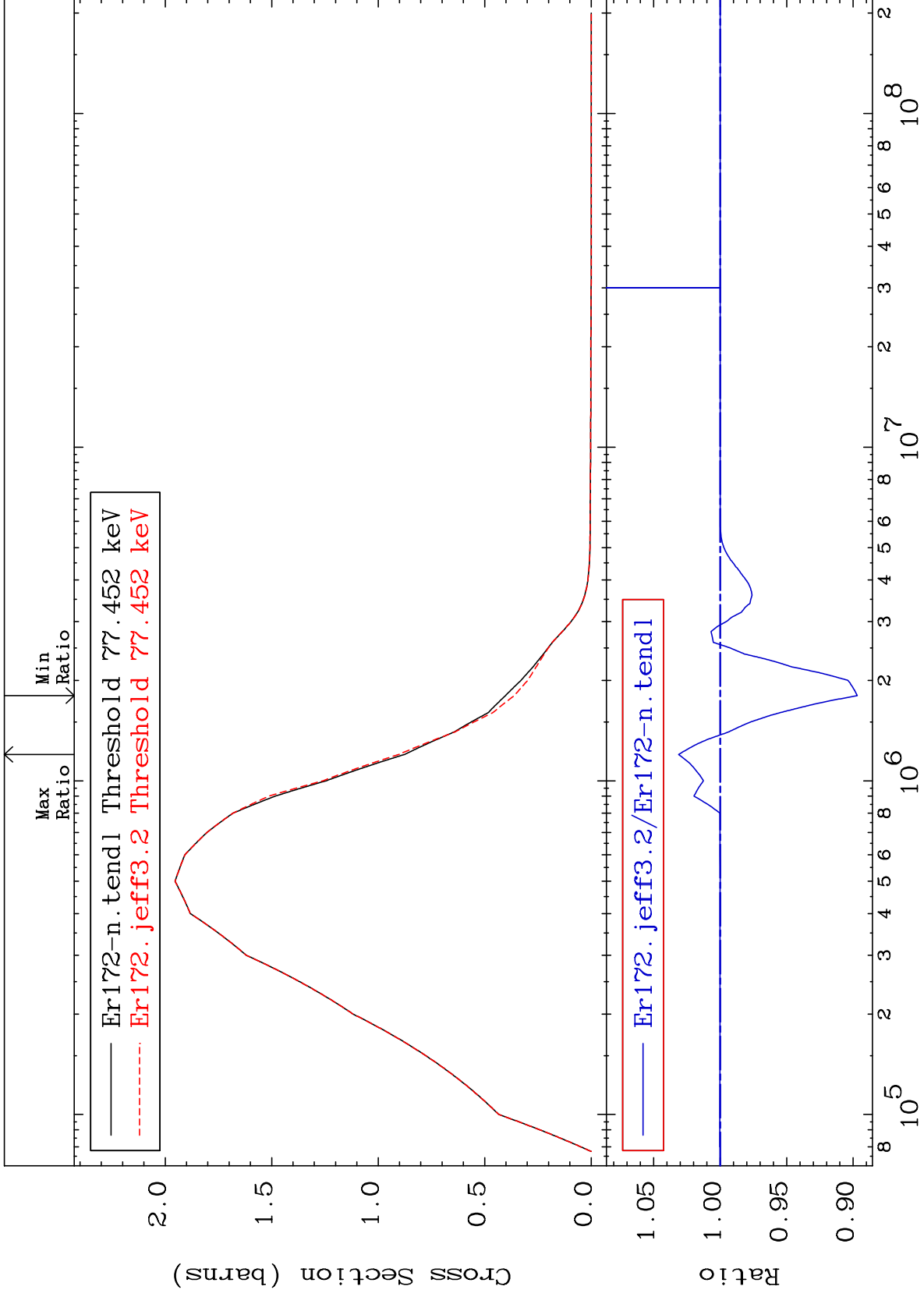
68-Er-172
-14.14 To 55.73 %



MAT 6855

77.00 keV (n,n') Level
Cross Section

68-Er-172
-10.31 To 3.125 %



18

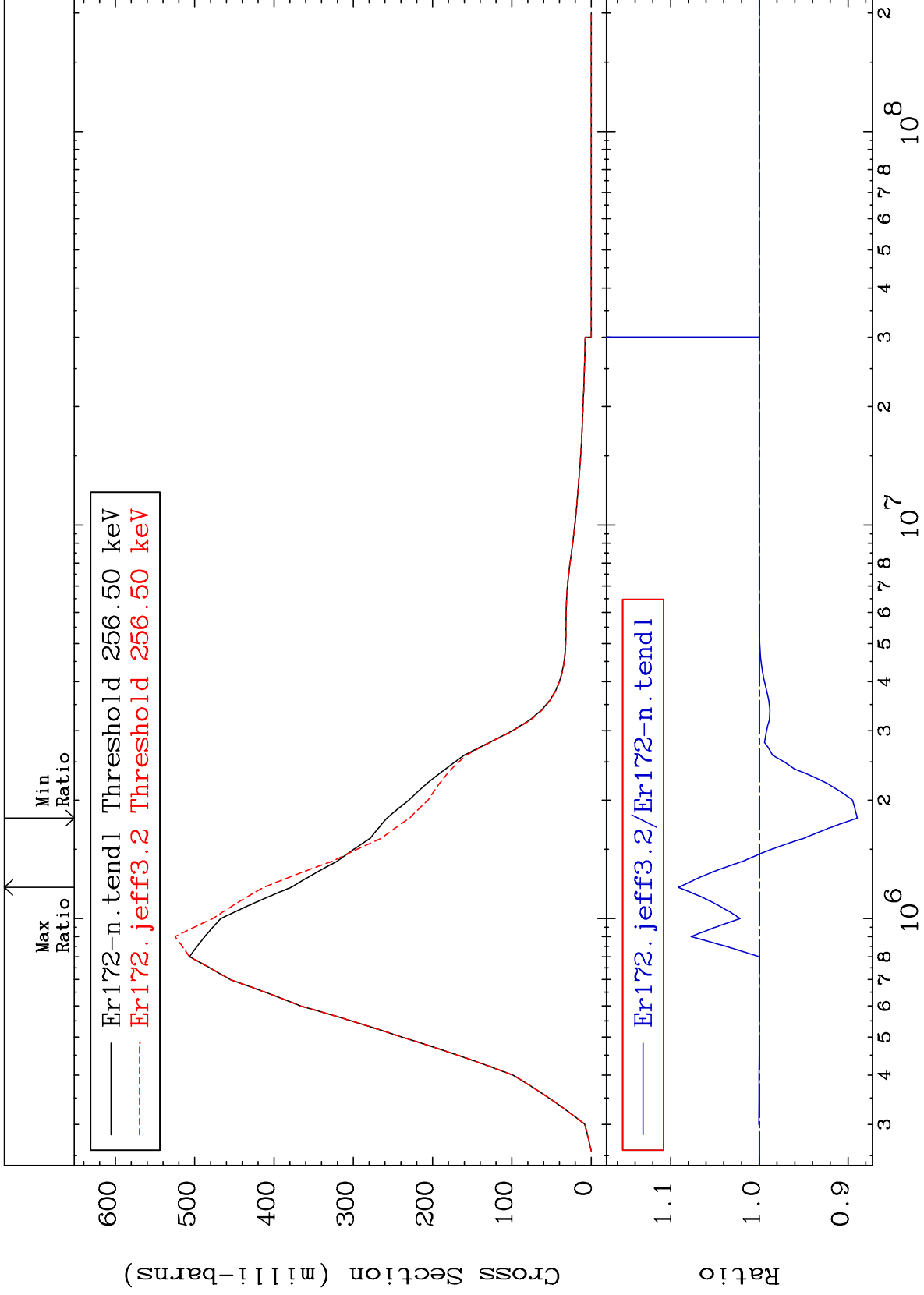
Incident Energy (eV)

68-Er-172

MAT 6855

255.0 keV (n,n') Level
Cross Section

68-Er-172
-11.04 To 9.095 %



19

Incident Energy (eV)

68-Er-172

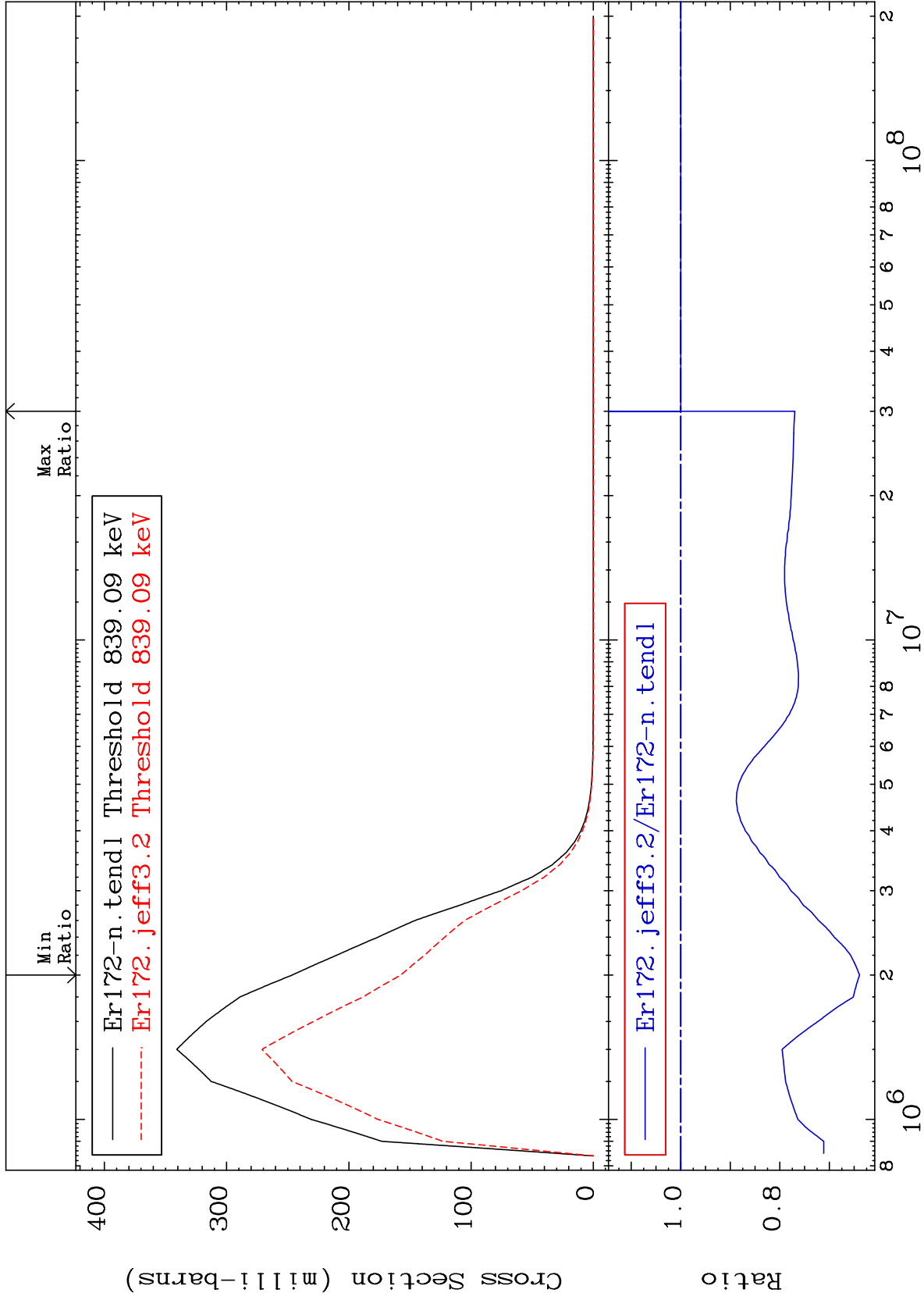
MAT 6855

834.2 keV (n,n') Level

68-Er-172

Cross Section

-36.07 To 0.000 %



20

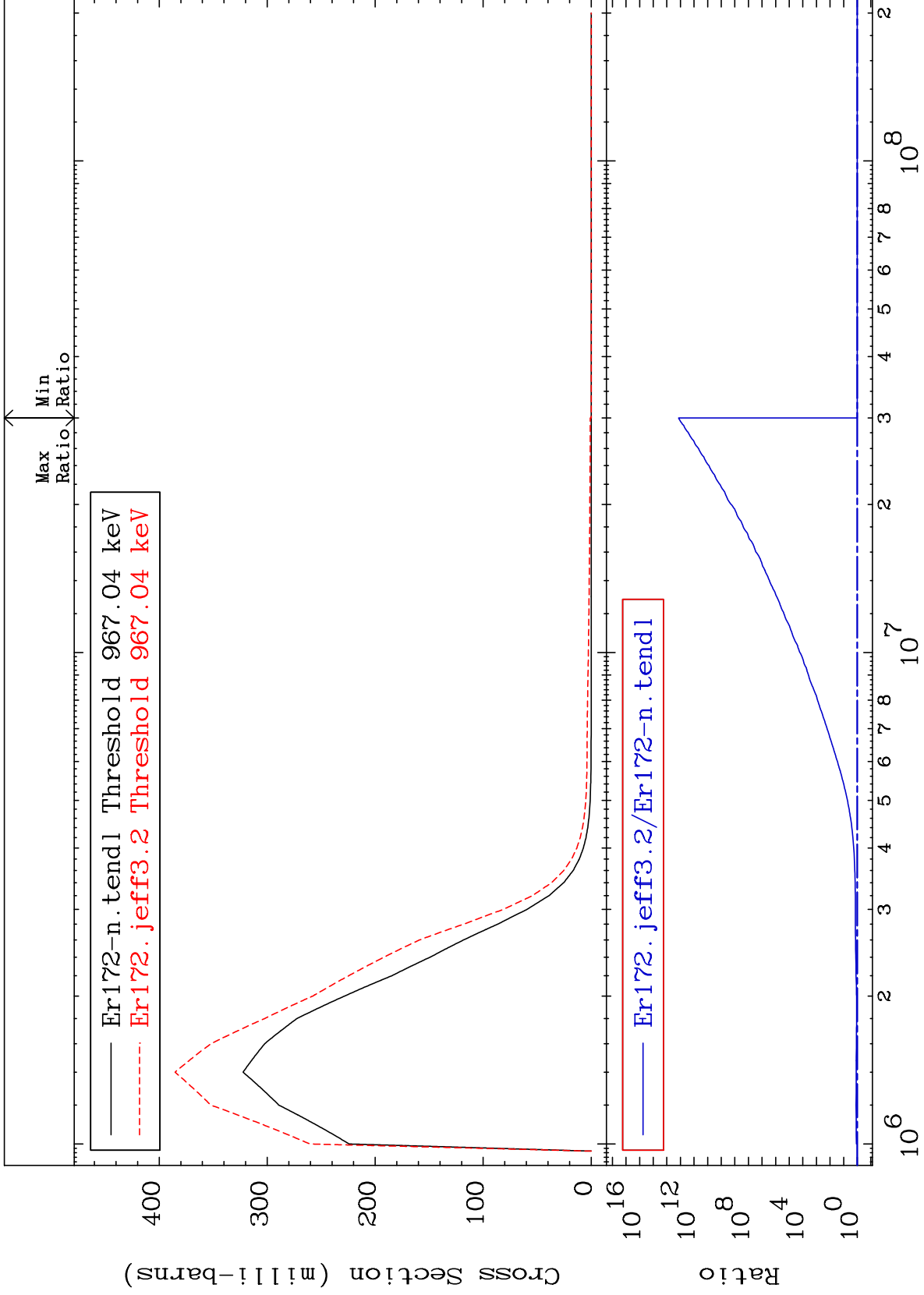
Incident Energy (eV)

68-Er-172

MAT 6855

961.4 keV (n,n') Level
Cross Section

68-Er-172
To 9999. %



21

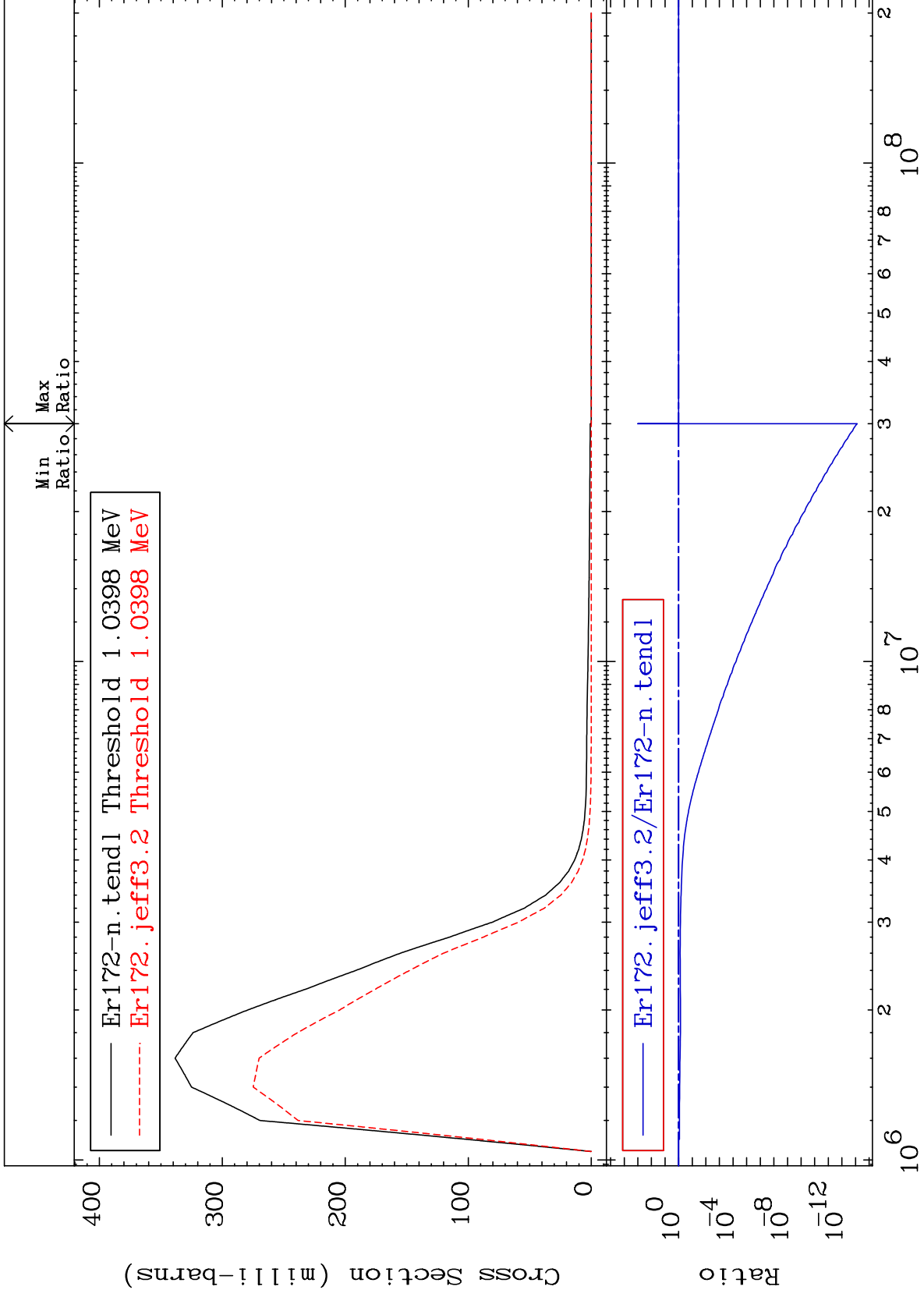
Incident Energy (eV)

68-Er-172

MAT 6855

1.034 MeV (n,n') Level
Cross Section

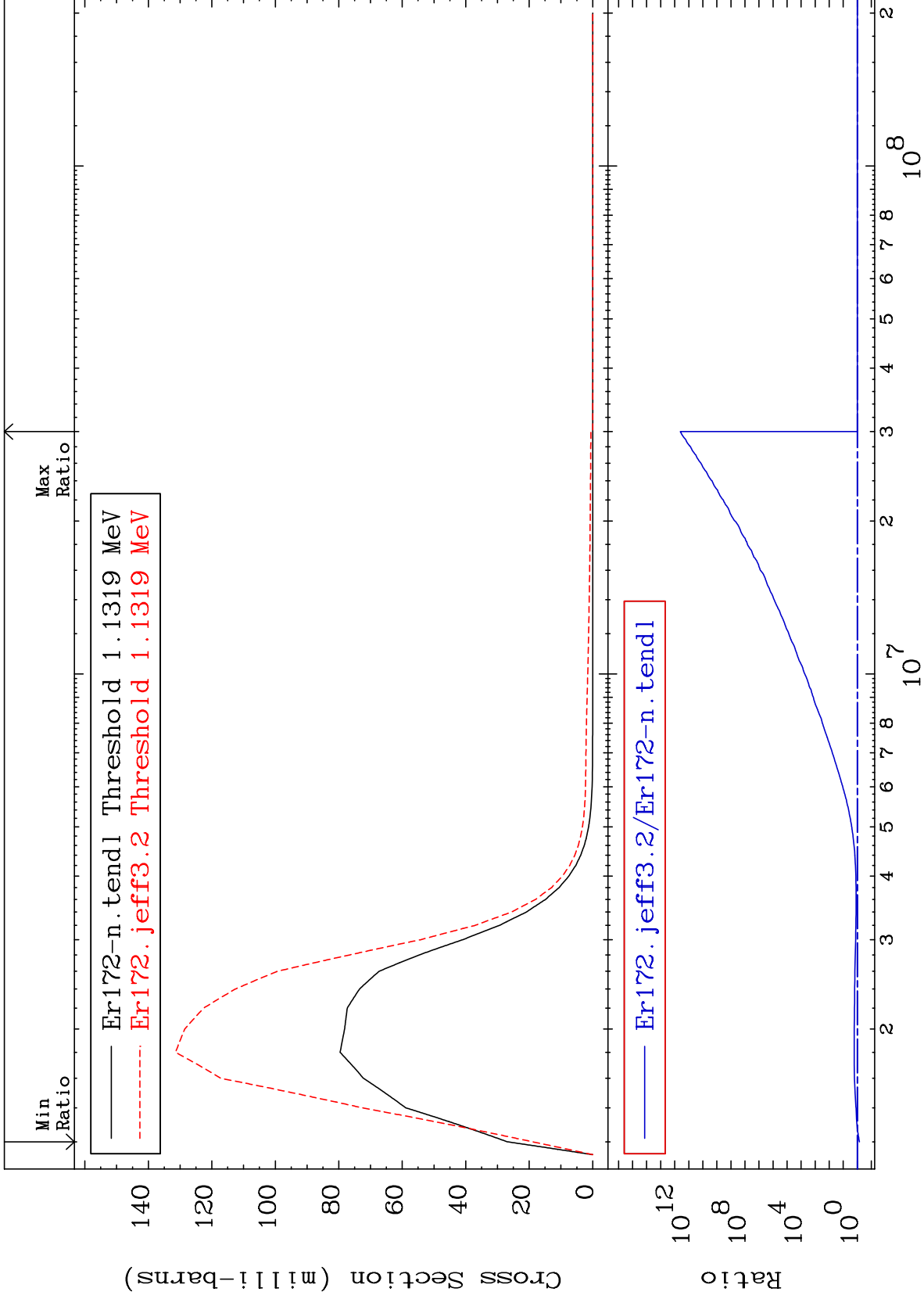
68-Er-172
-100.0 To 0.000 %



MAT 6855

1.125 MeV (n,n') Level
Cross Section

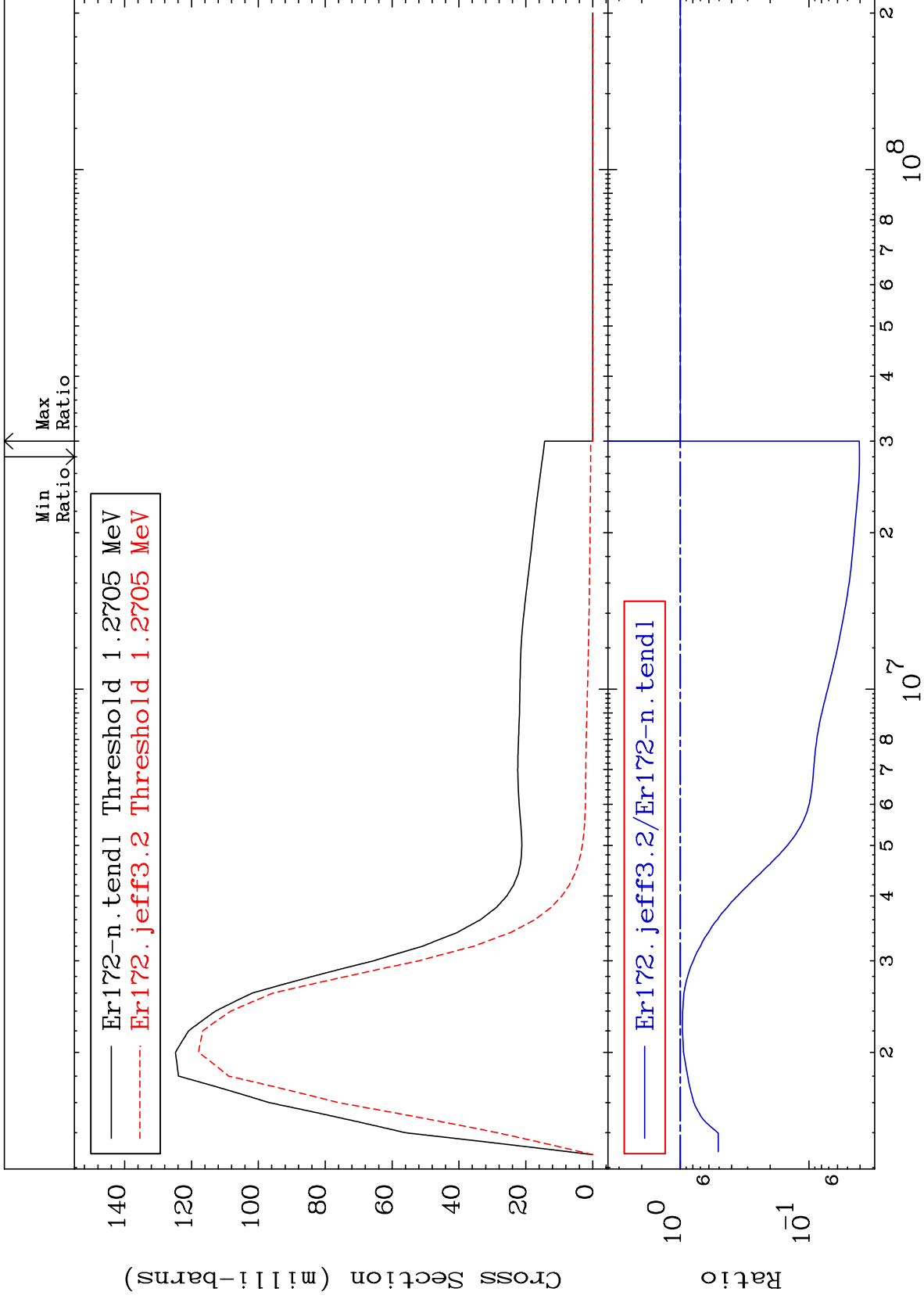
68-Er-172
-29.39 To 9999. %



MAT 6855

1.263 MeV (n,n') Level
Cross Section

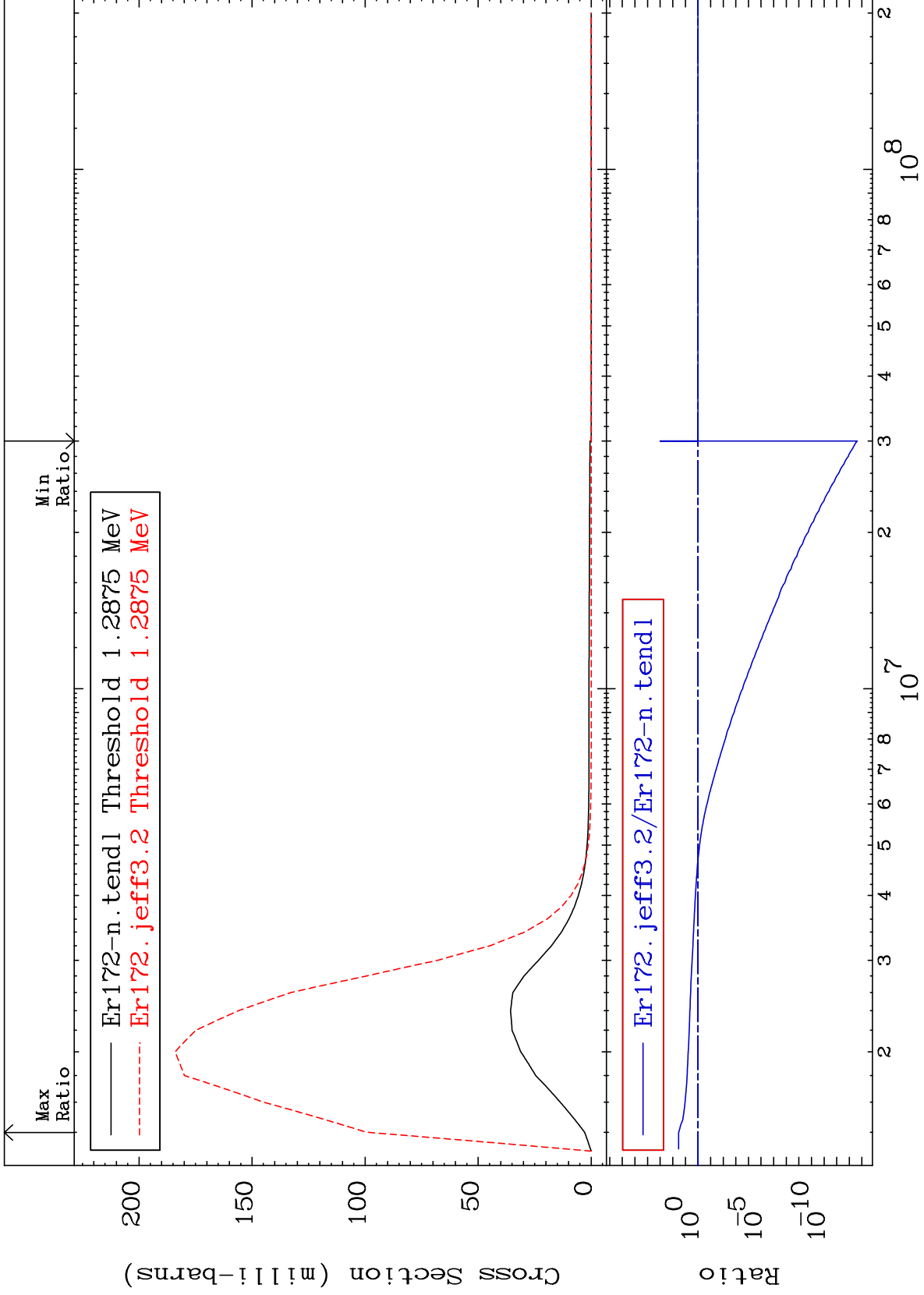
68-Er-172
-95.95 To 0.000 %

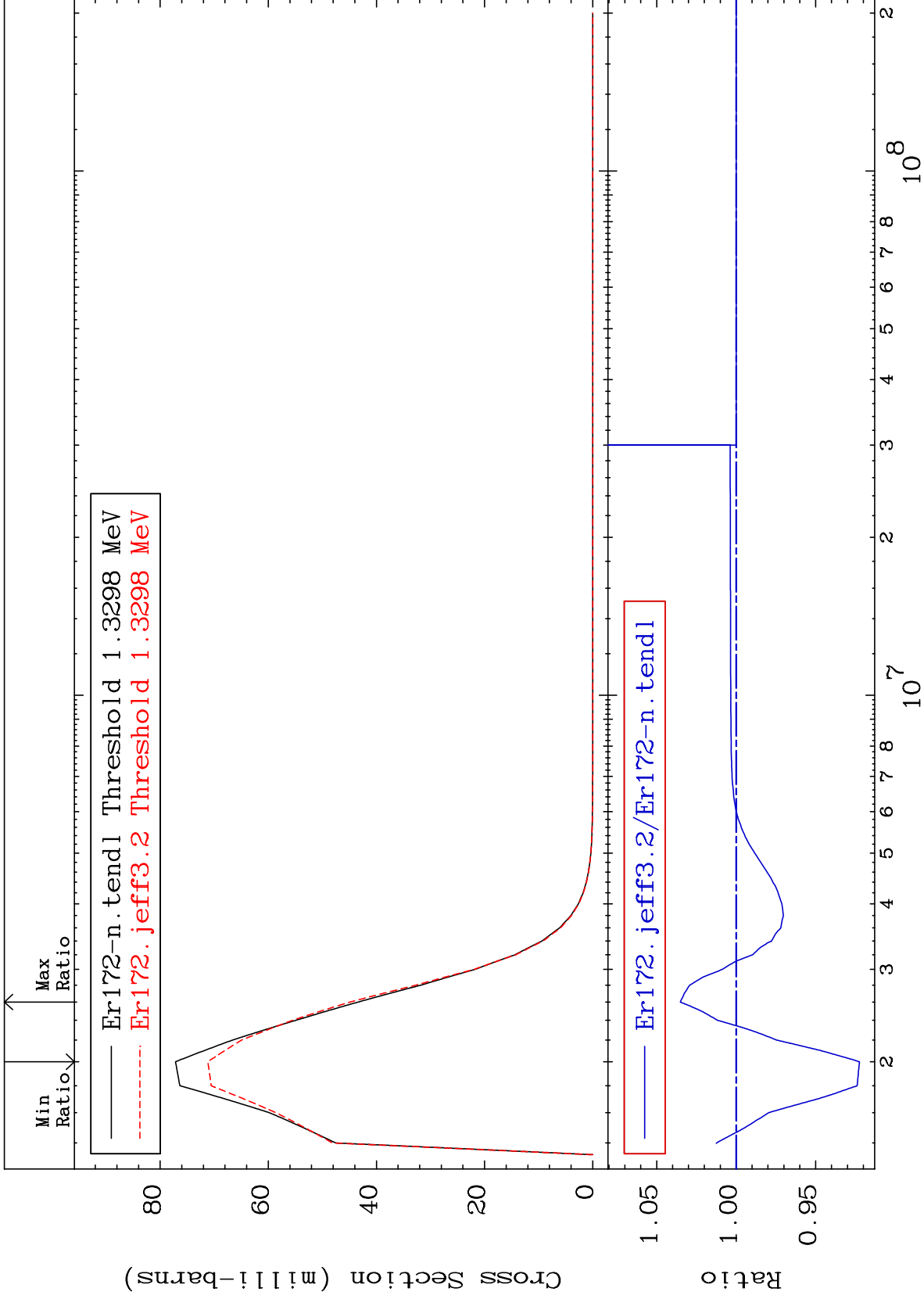


MAT 6855

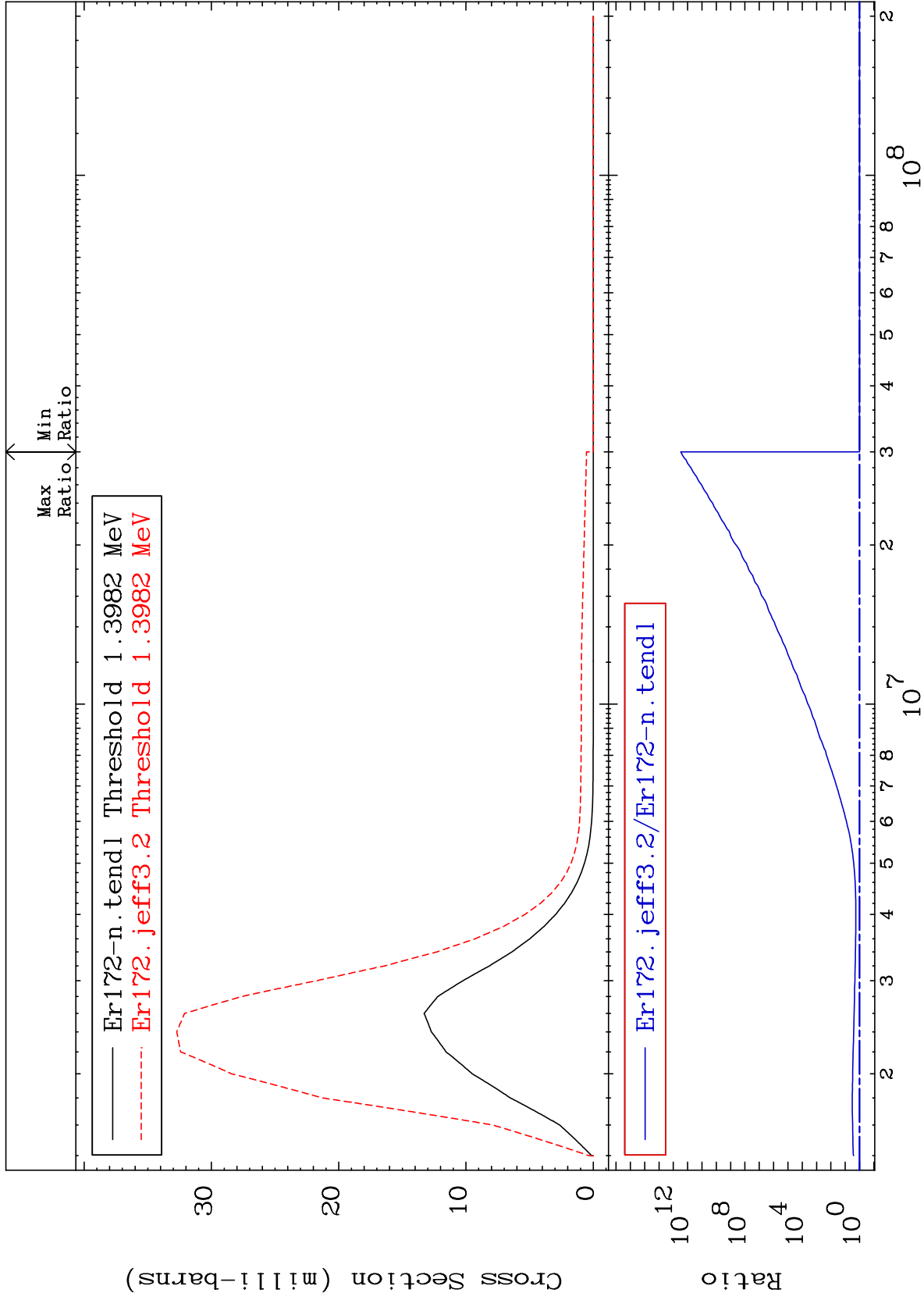
1.280 MeV (n,n') Level
Cross Section

68-Er-172
-100.0 To 3319. %





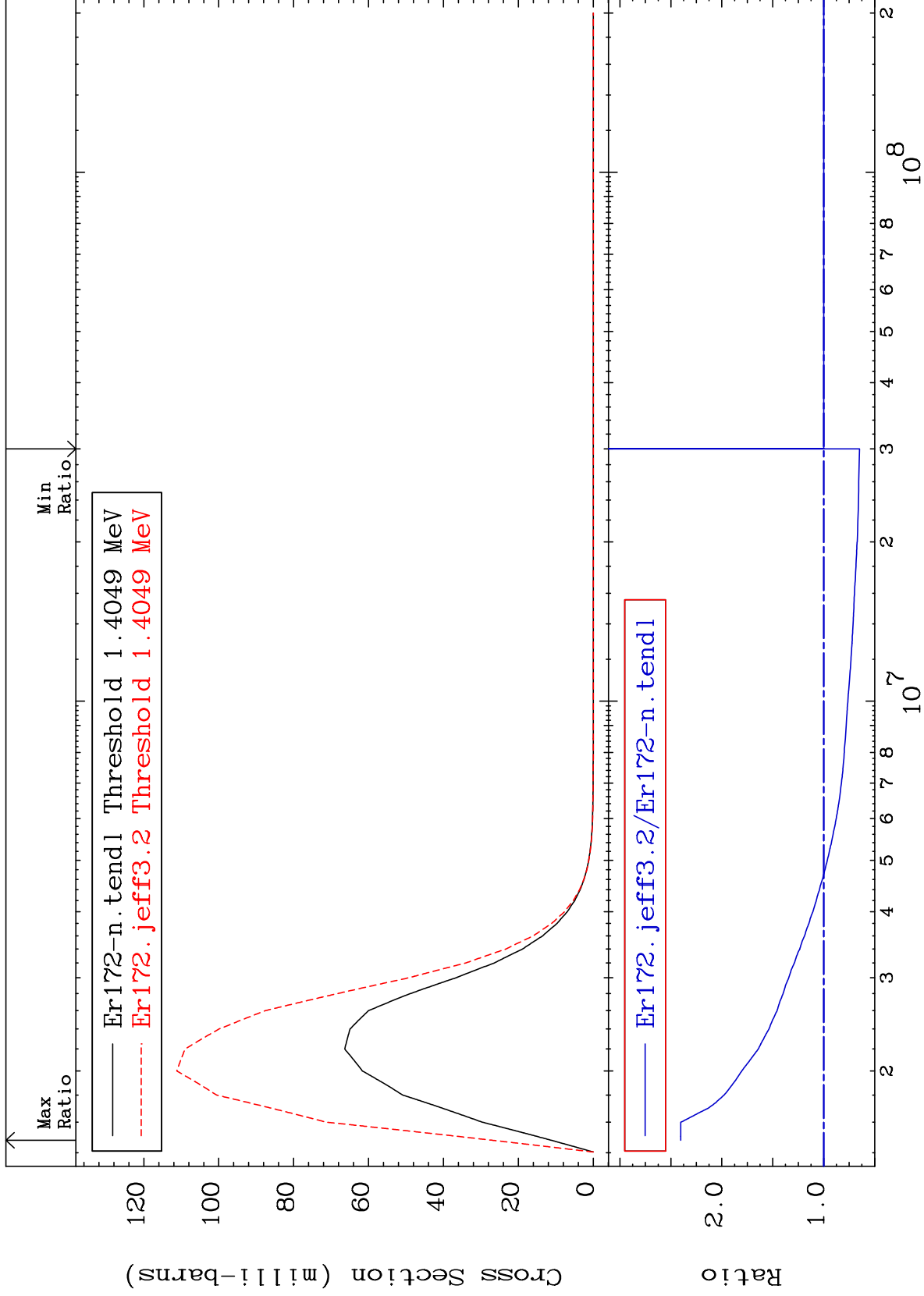
MAT 6855 1.390 MeV (n,n') Level Cross Section 68-Er-172 To 9999. %



MAT 6855

1.397 MeV (n,n') Level
Cross Section

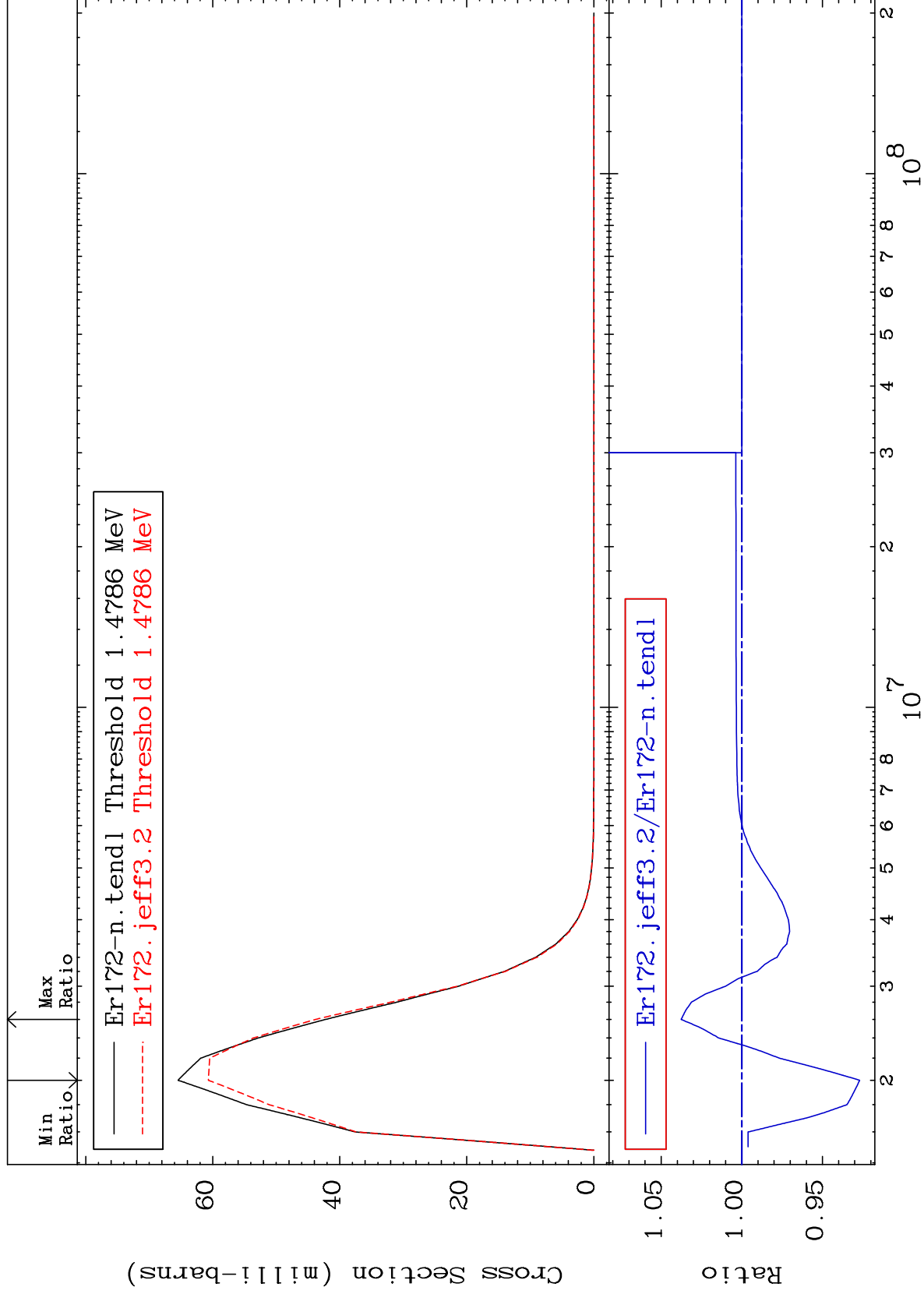
68-Er-172
-35.16 To 140.3 %



MAT 6855

1.470 MeV (n,n') Level
Cross Section

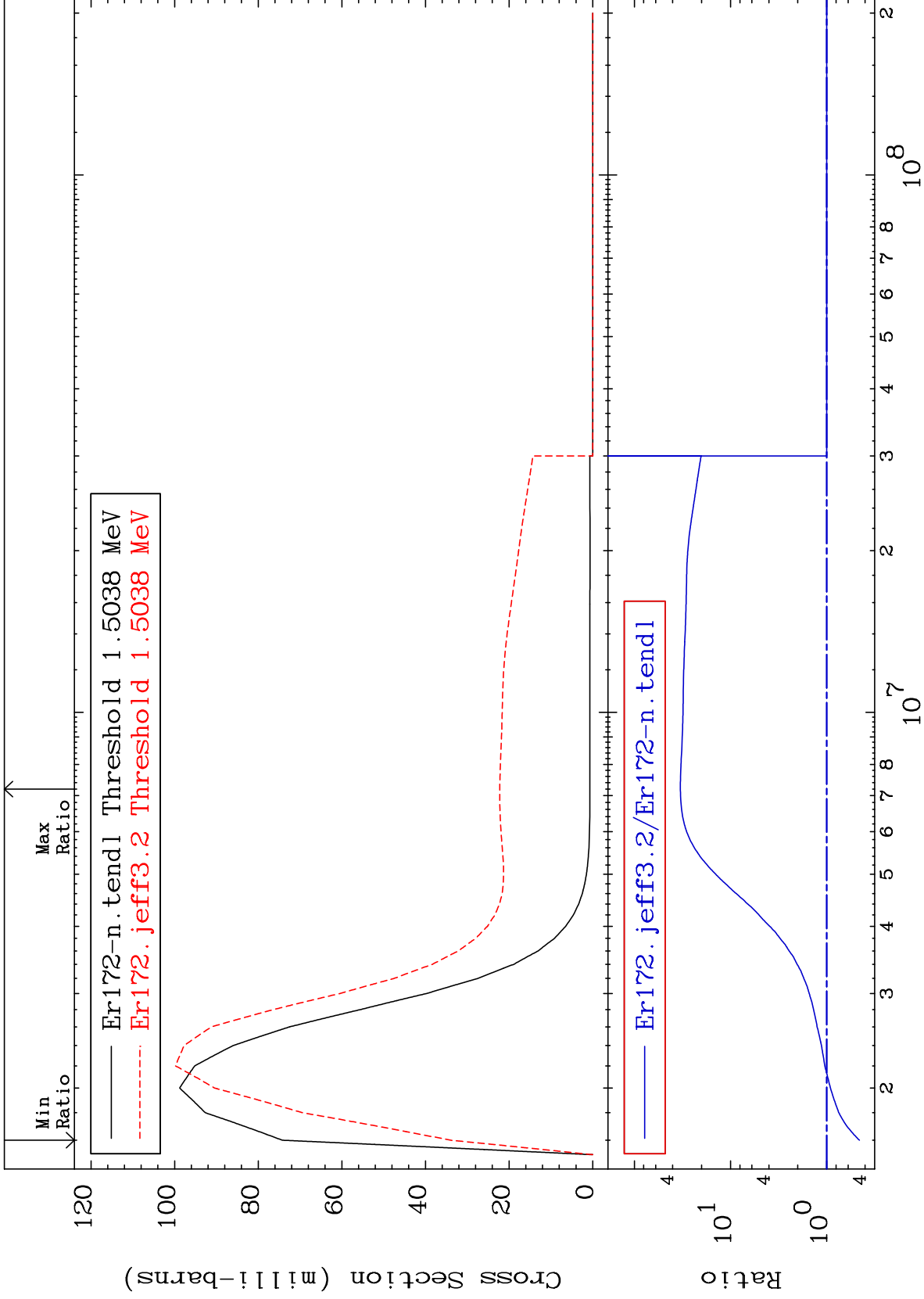
68-Er-172
-7.304 To 3.760 %



MAT 6855

1.495 MeV (n,n') Level
Cross Section

68-Er-172
-54.26 To 3225. %



30

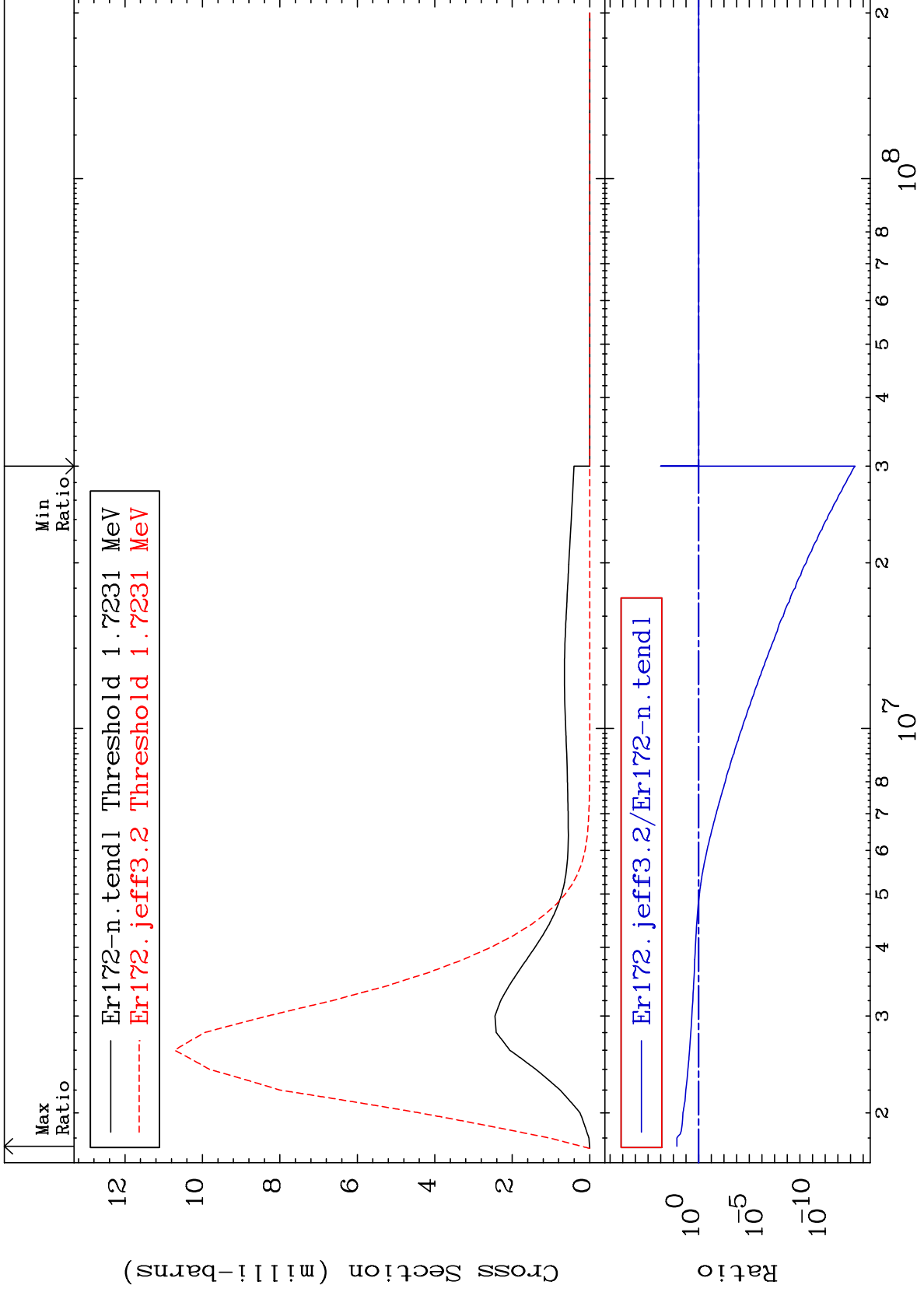
Incident Energy (eV)

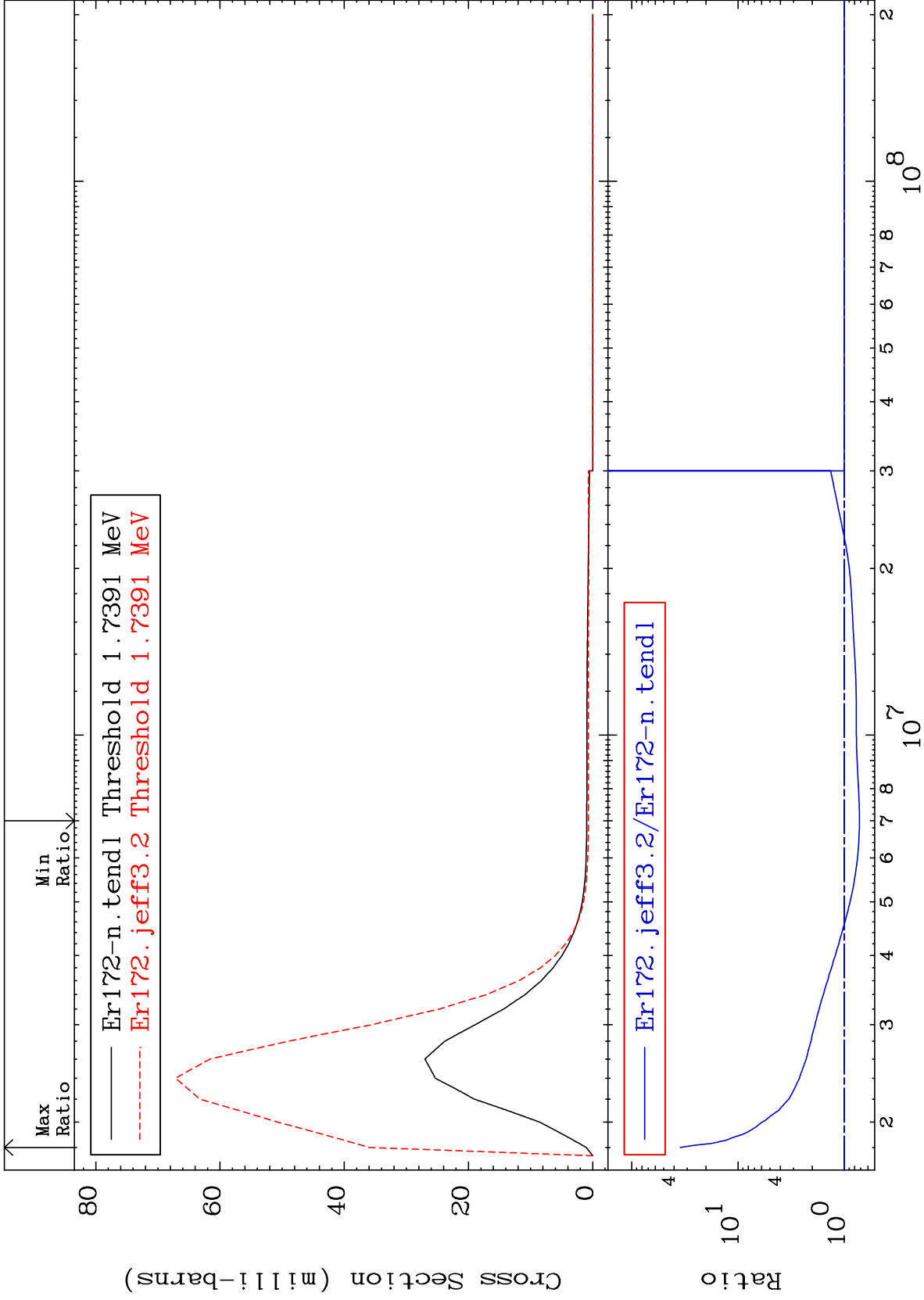
68-Er-172

MAT 6855

1.713 MeV (n,n') Level
Cross Section

68-Er-172
-100.0 To 5103. %

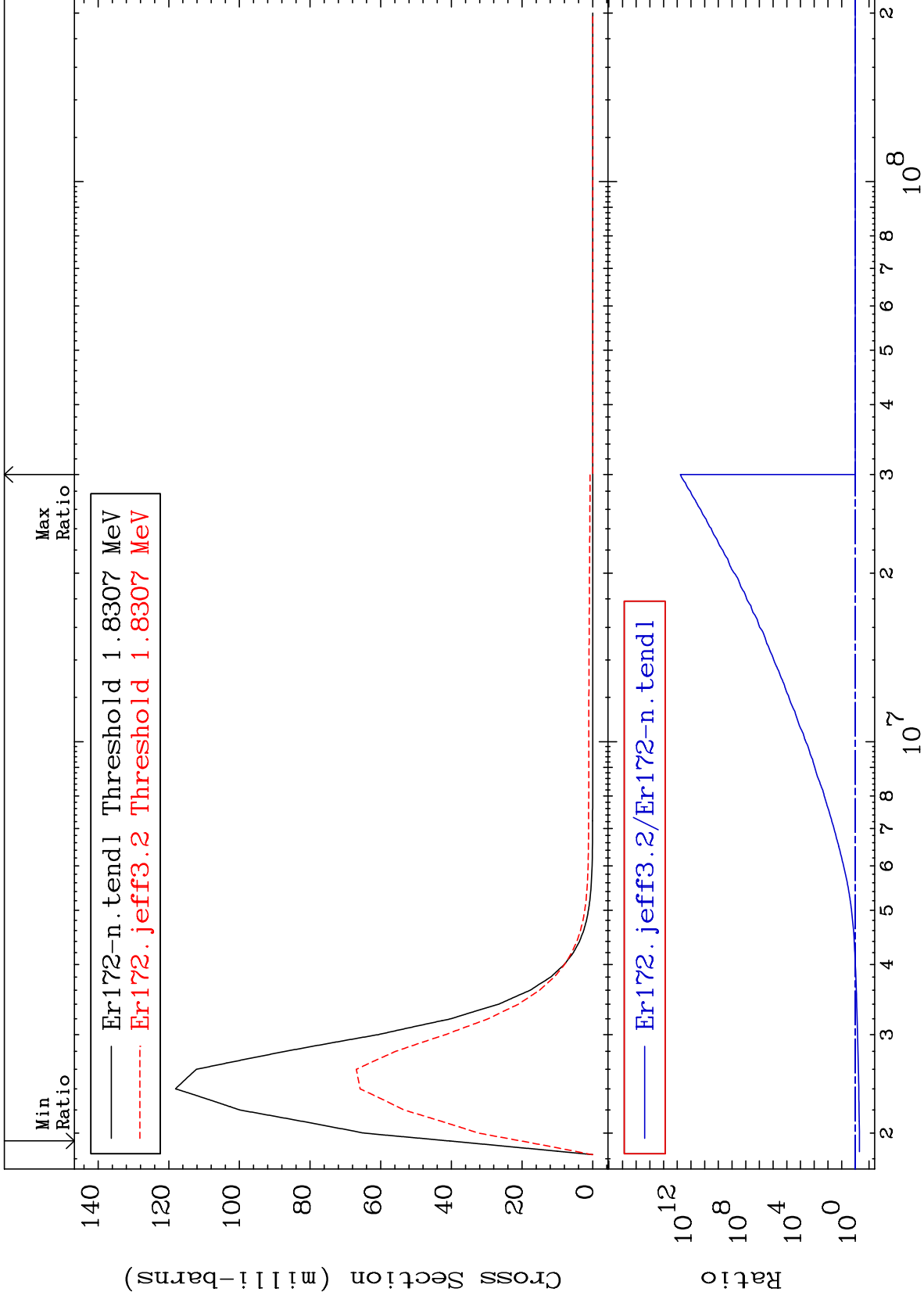




MAT 6855

1.820 MeV (n,n') Level
Cross Section

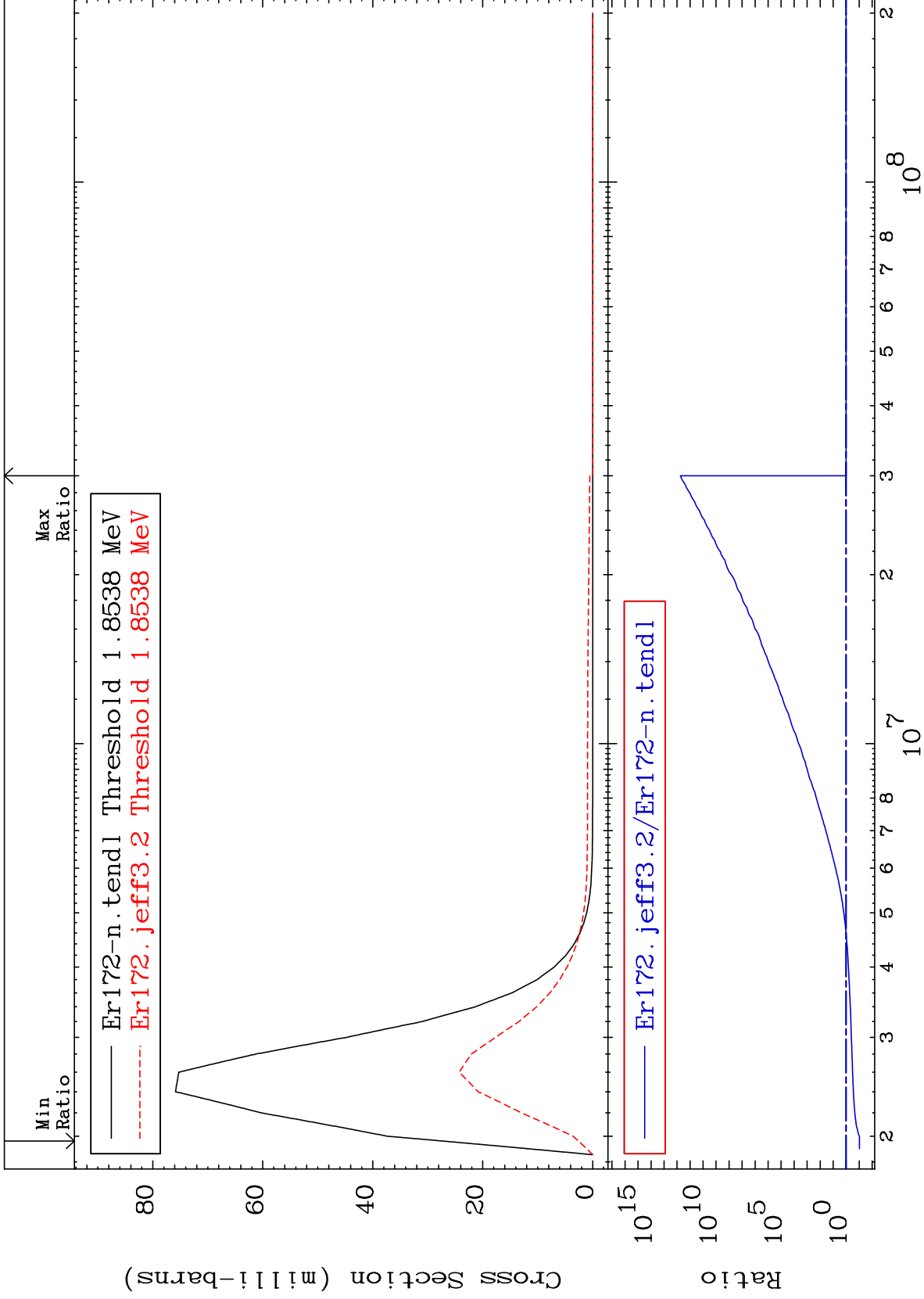
68-Er-172
-50.09 To 9999. %



MAT 6855

1.843 MeV (n,n') Level
Cross Section

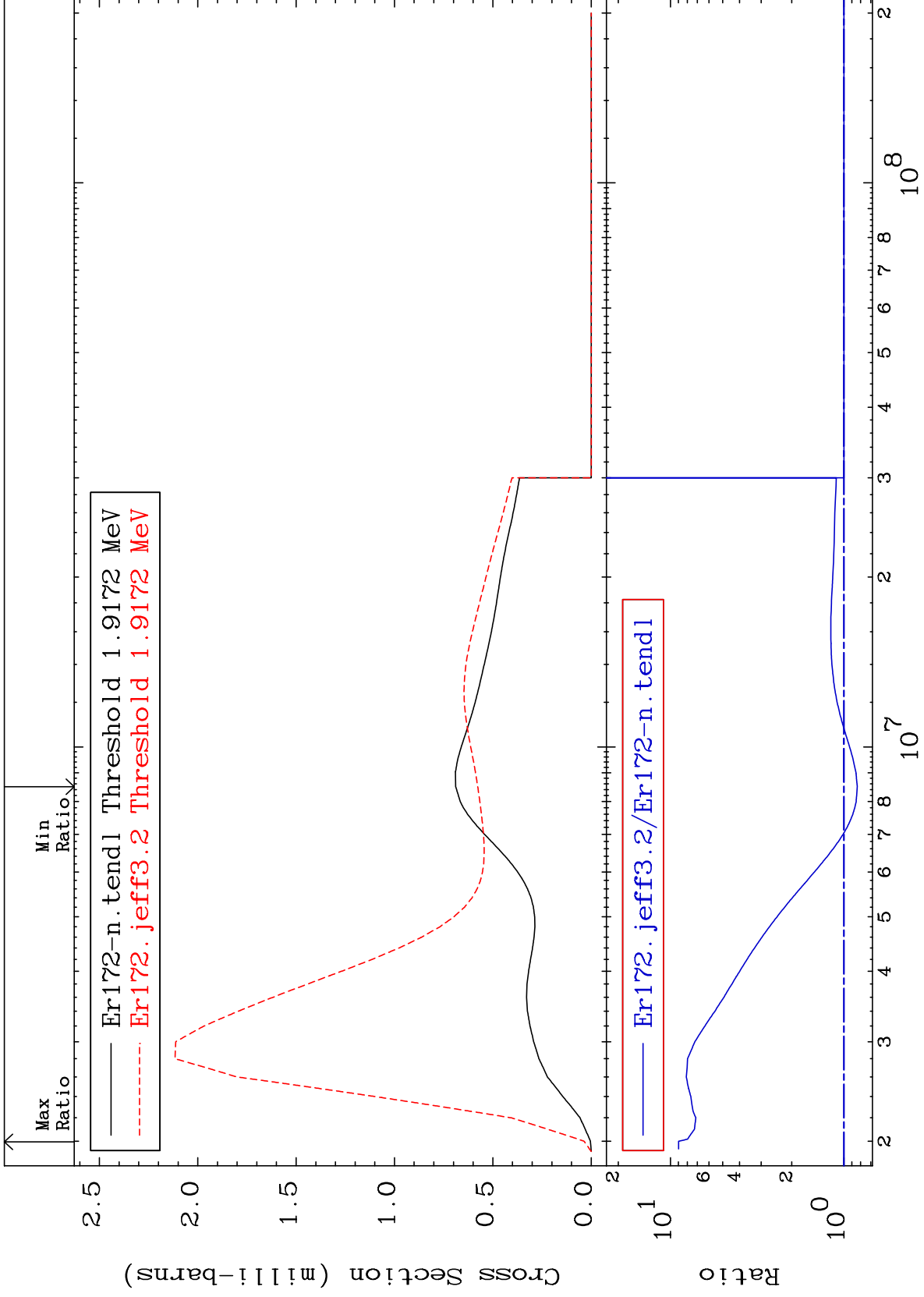
68-Er-172
-90.49 To 9999. %



MAT 6855

1.906 MeV (n,n') Level
Cross Section

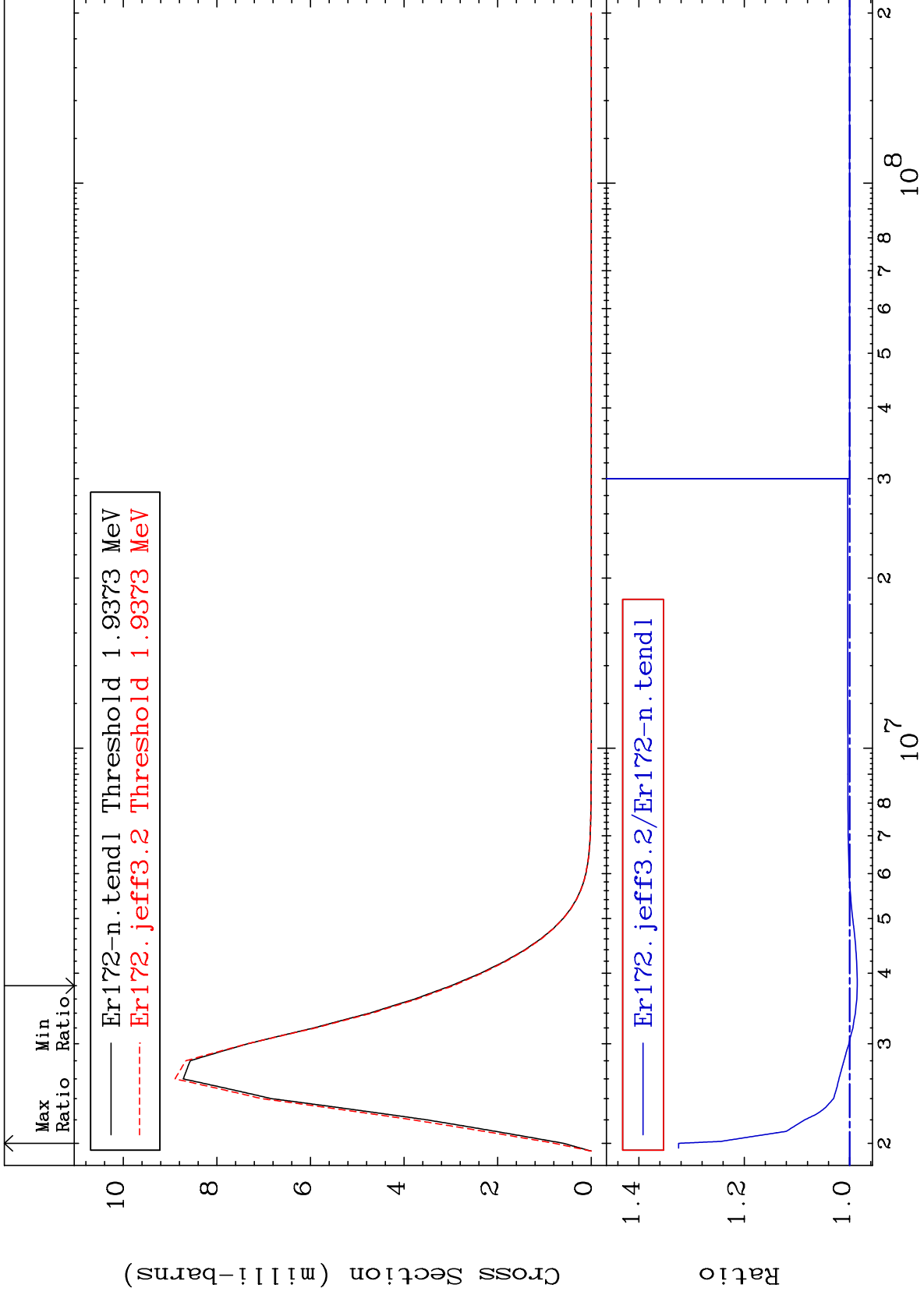
68-Er-172
-16.28 To 796.7 %

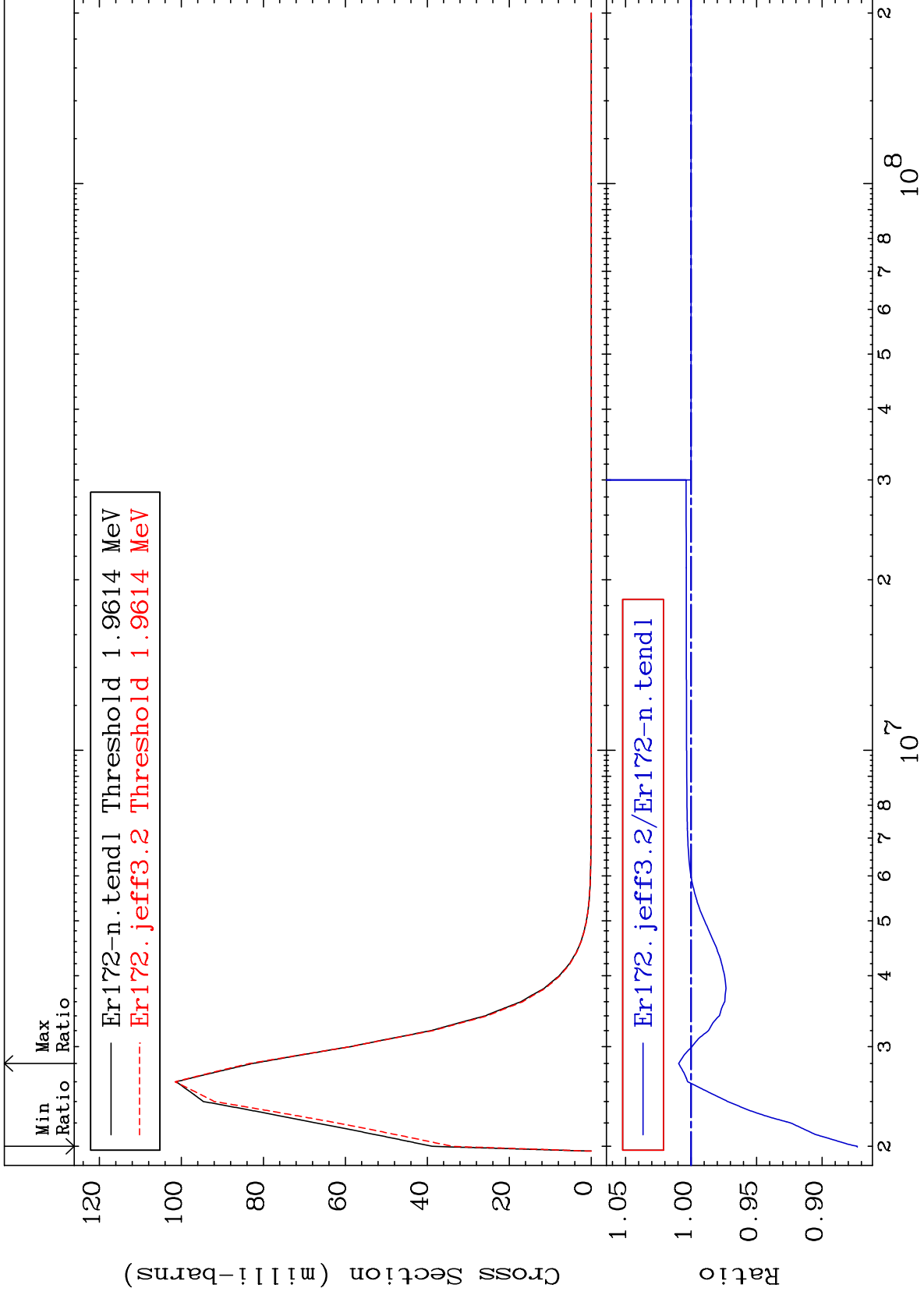


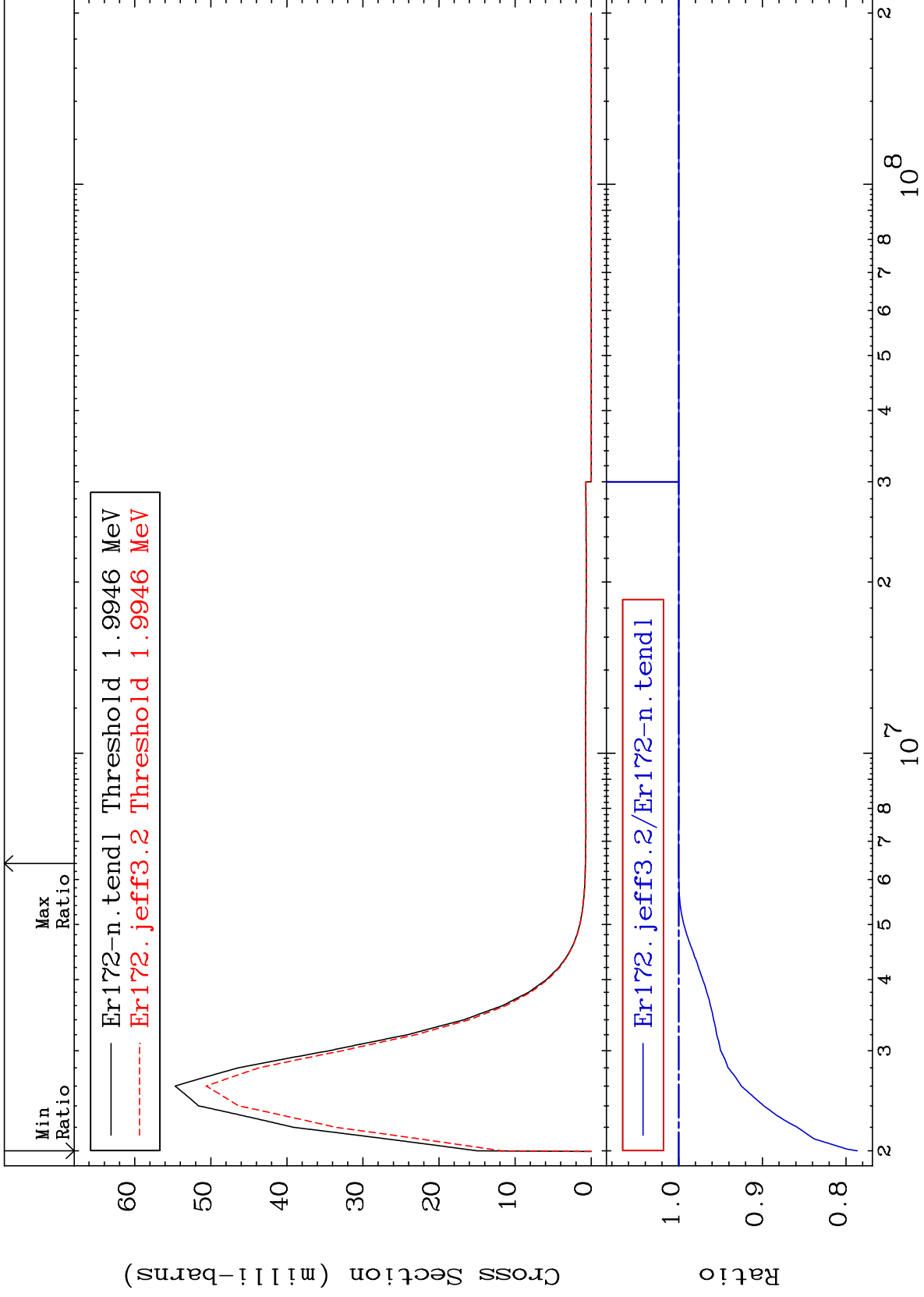
MAT 6855

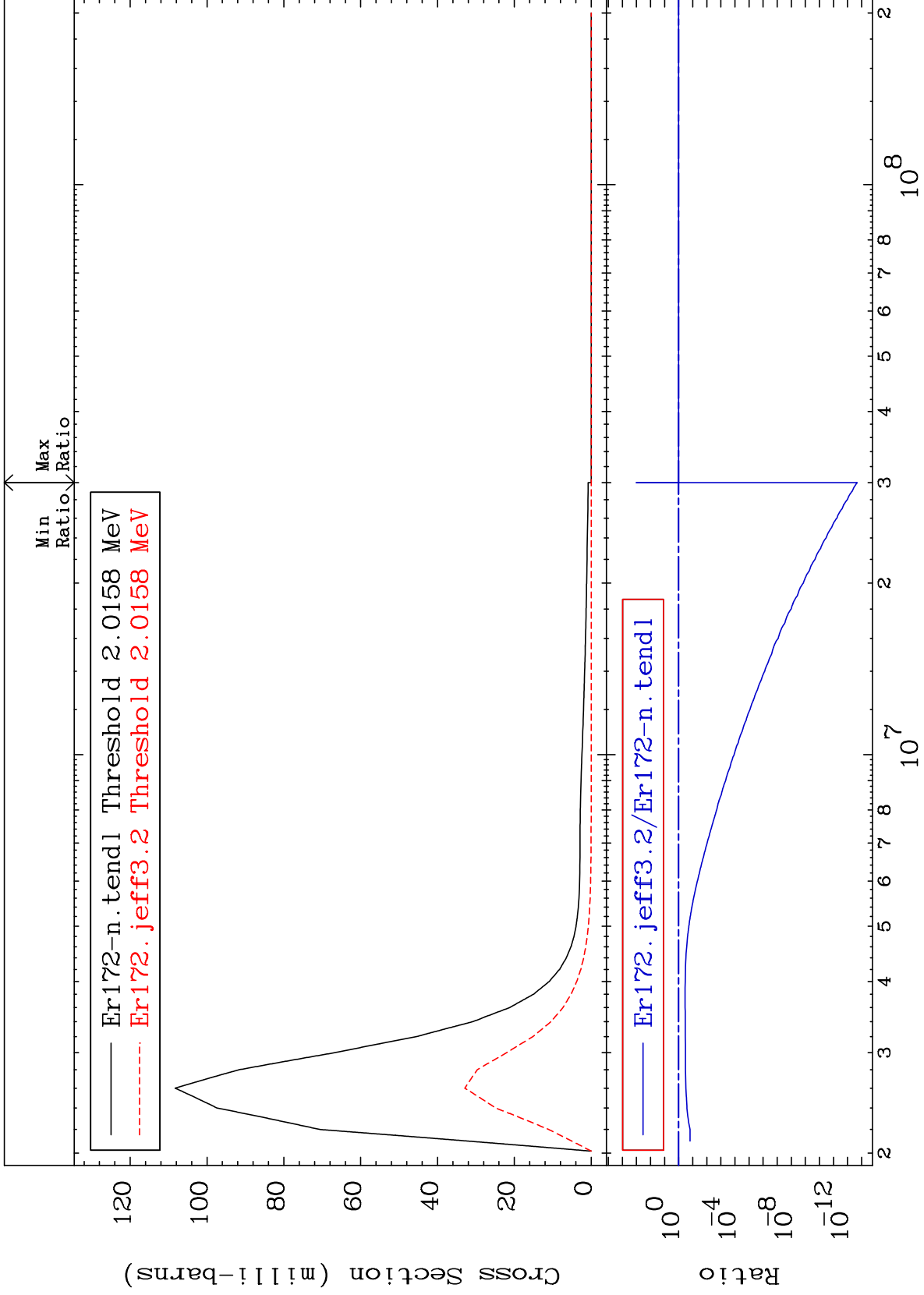
1.926 MeV (n,n') Level
Cross Section

68-Er-172
-1.450 To 32.46 %





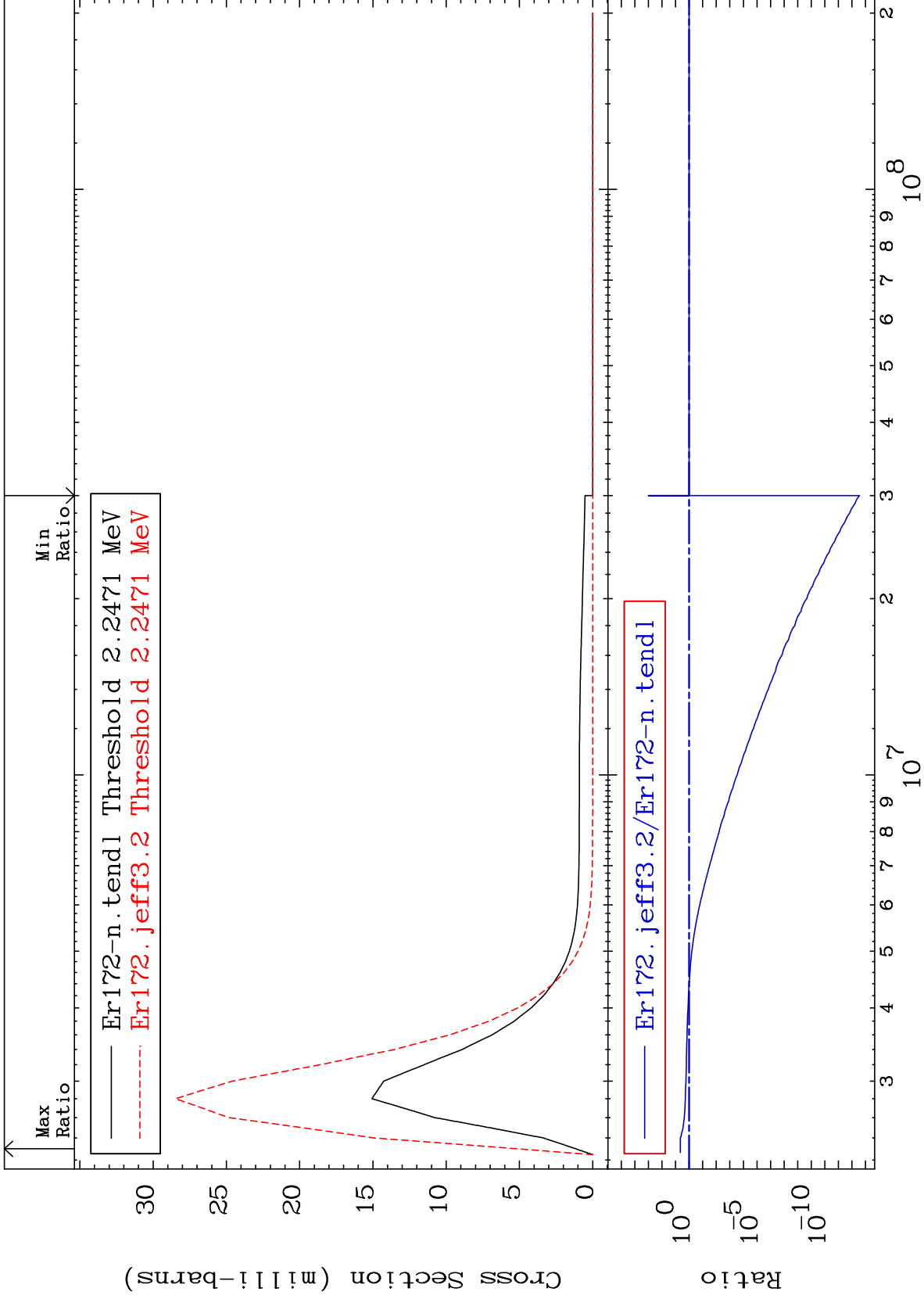




MAT 6855

2.234 MeV (n,n') Level
Cross Section

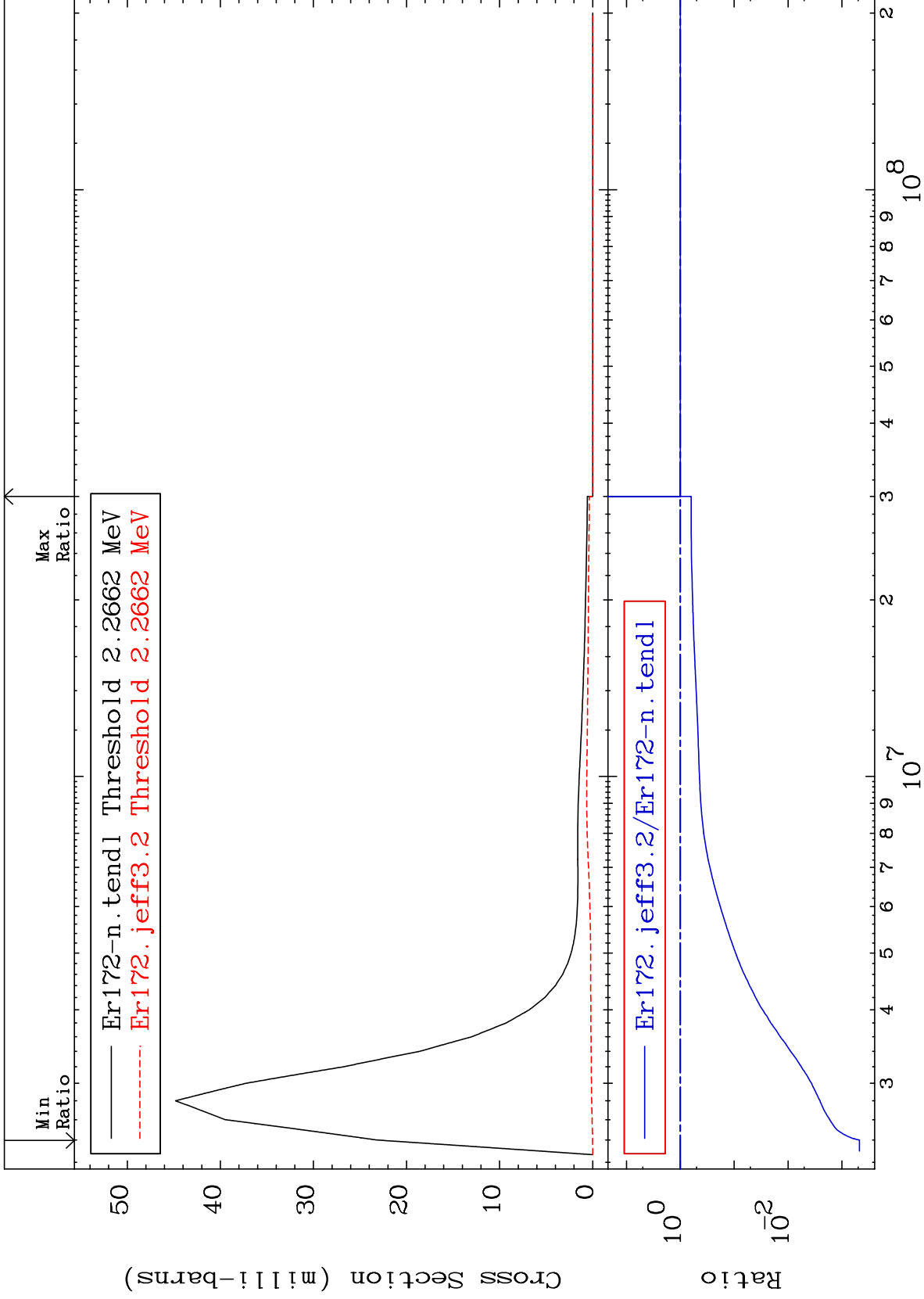
68-Er-172
-100.0 To 342.5 %



MAT 6855

2.253 MeV (n,n') Level
Cross Section

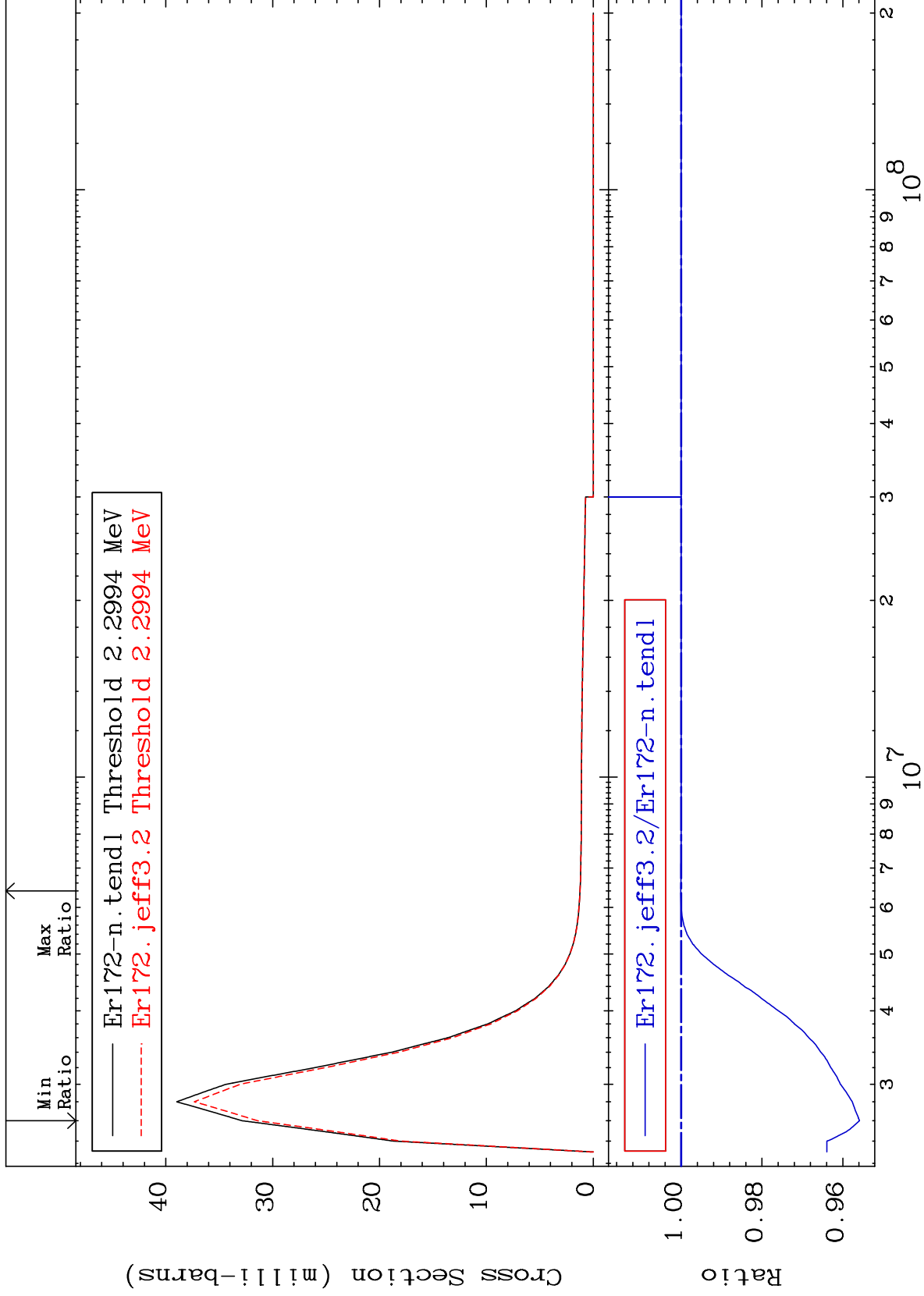
68-Er-172
-99.95 To 0.000 %



MAT 6855

2.286 MeV (n,n') Level
Cross Section

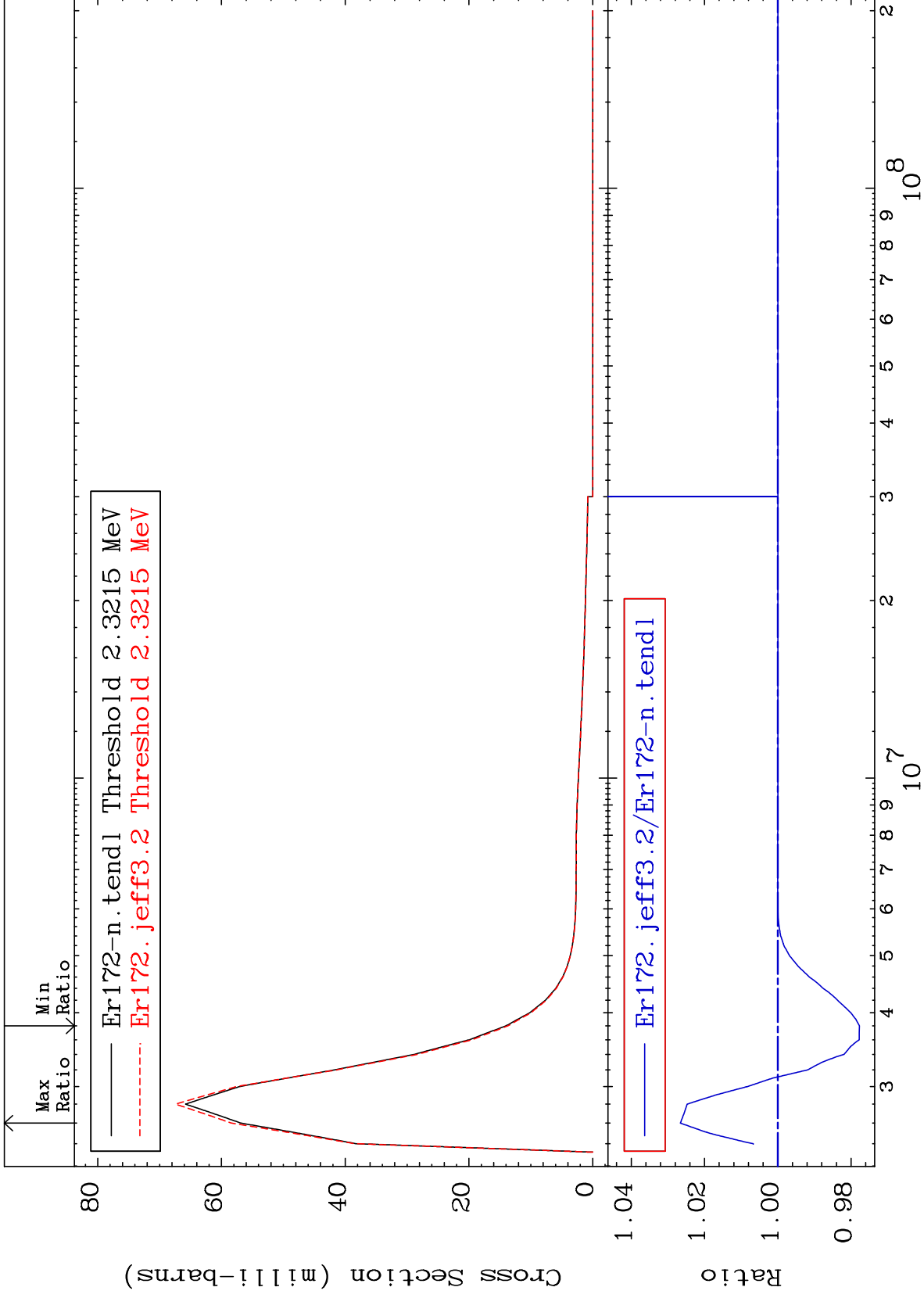
68-Er-172
-4.415 To 0.011 %

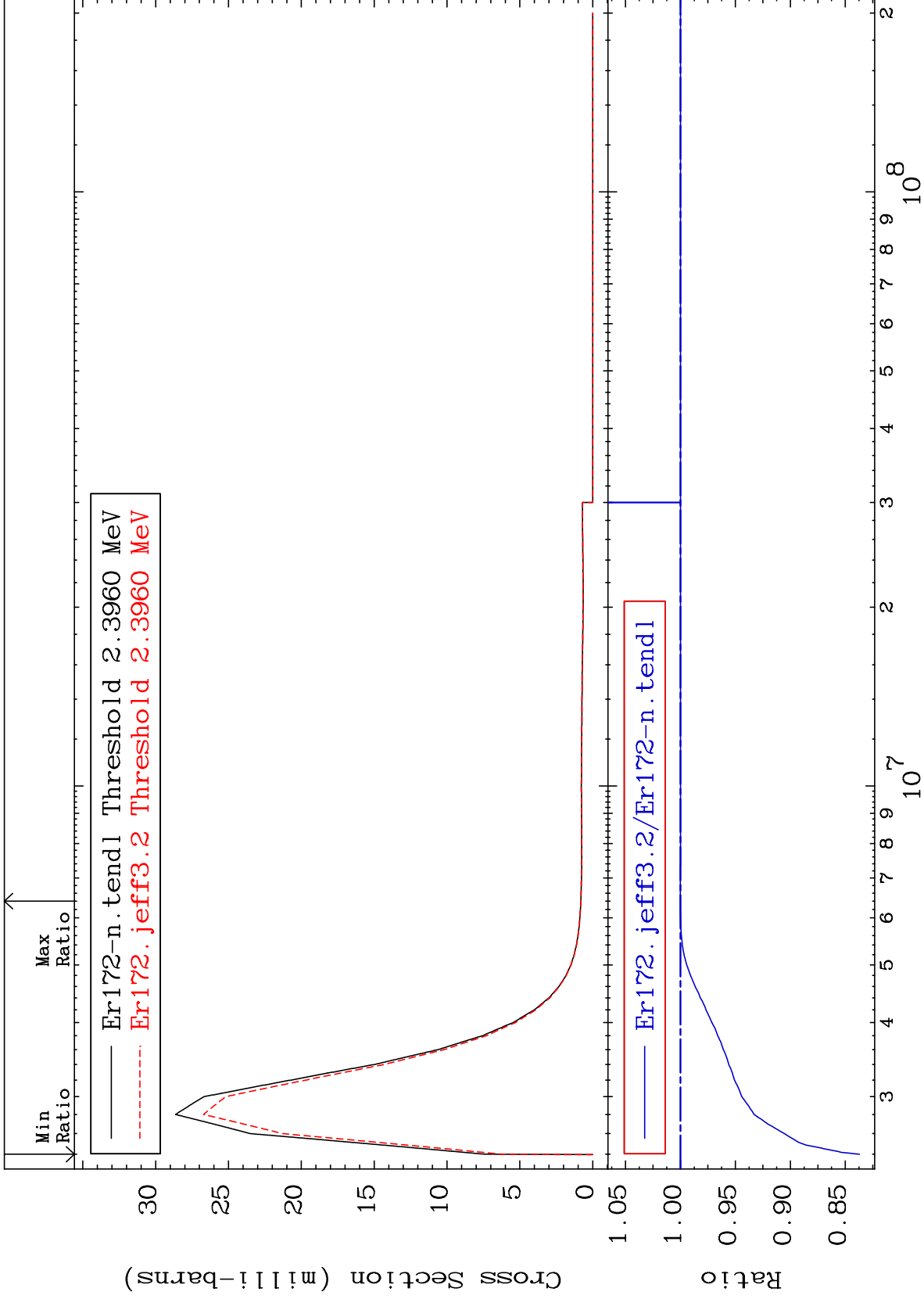


MAT 6855

2.308 MeV (n,n') Level
Cross Section

68-Er-172
-2.228 To 2.660 %

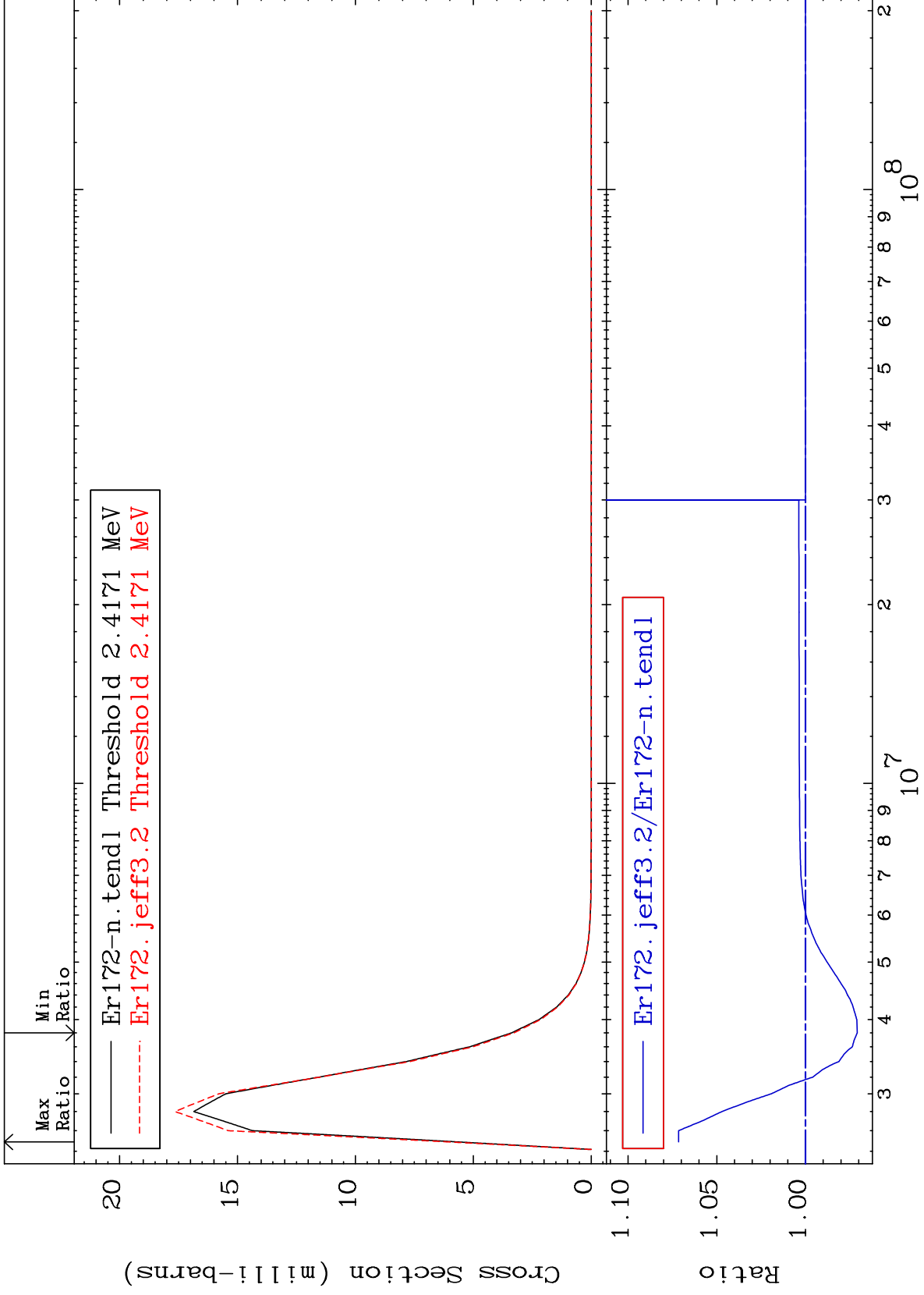




MAT 6855

2.403 MeV (n,n') Level
Cross Section

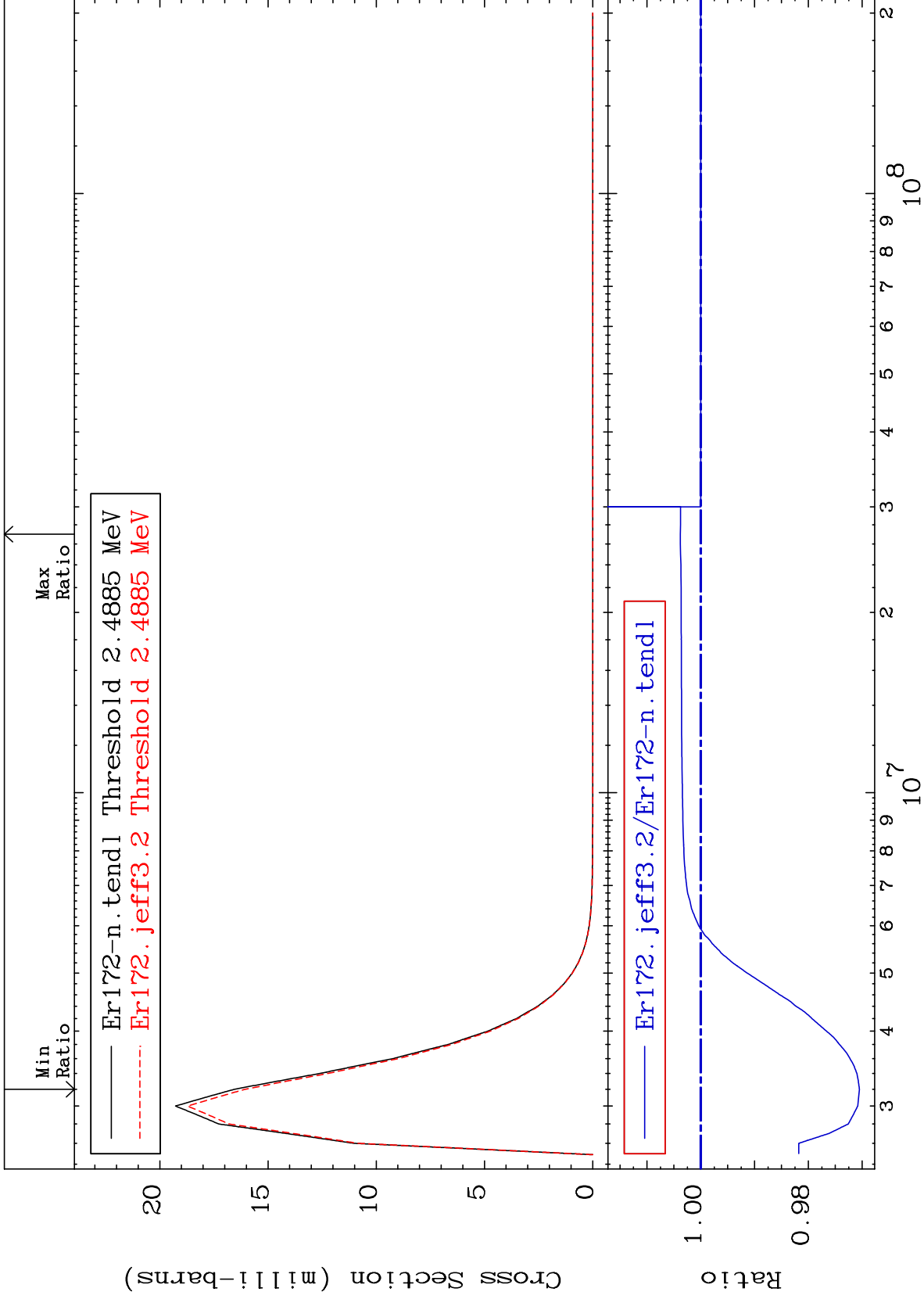
68-Er-172
-2.917 To 7.149 %

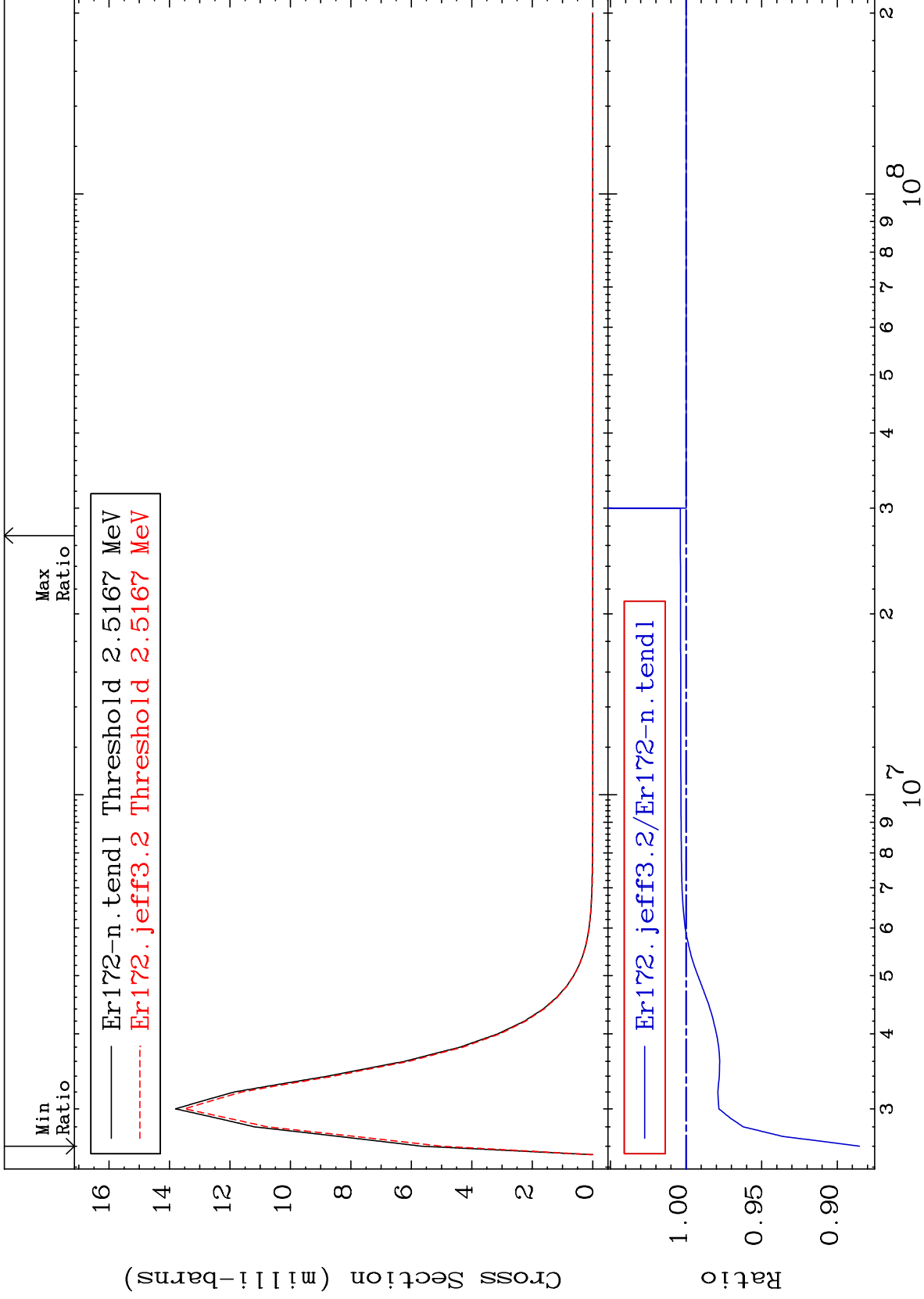


MAT 6855

2.474 MeV (n,n') Level
Cross Section

68-Er-172
-2.949 To 0.379 %

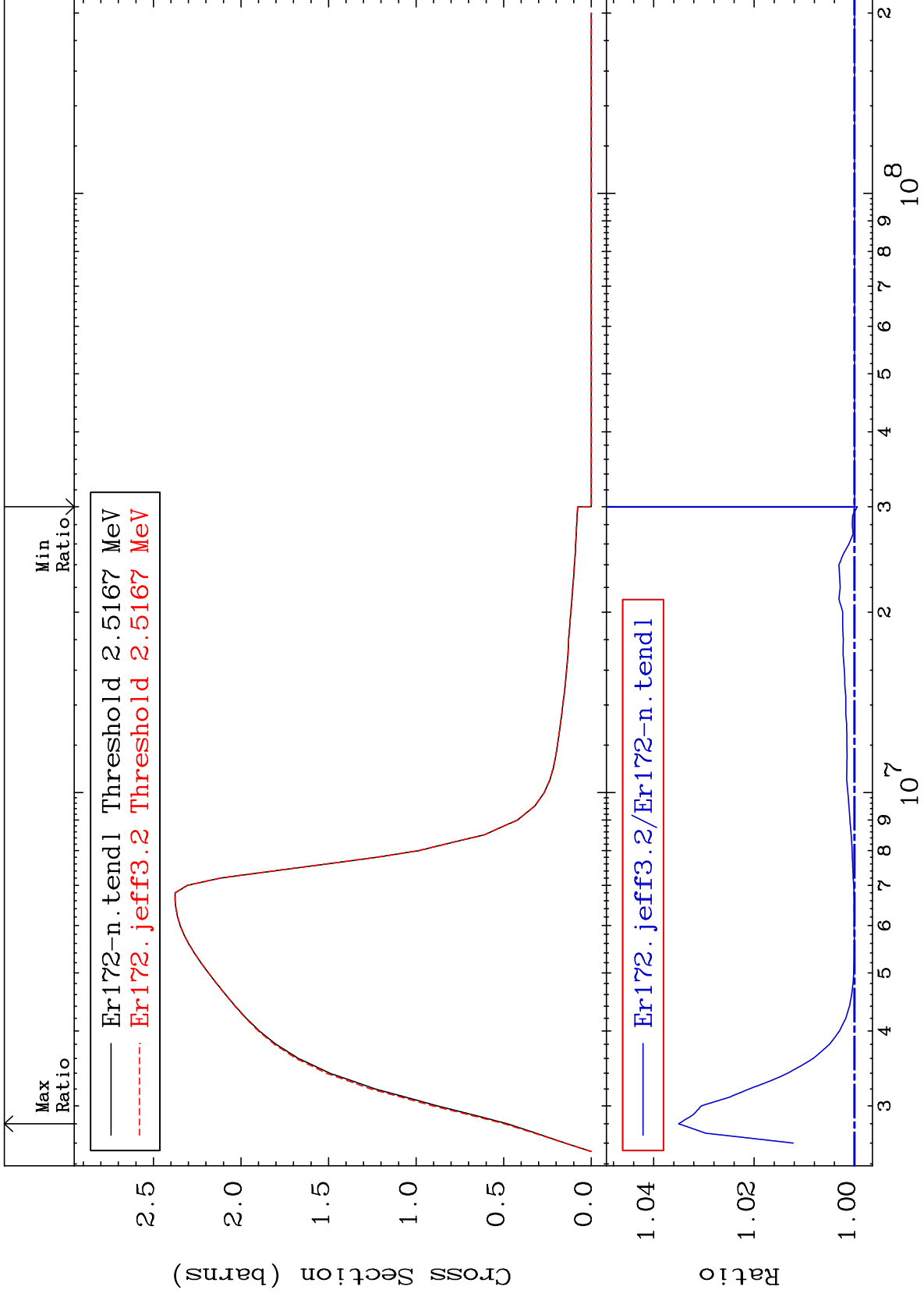


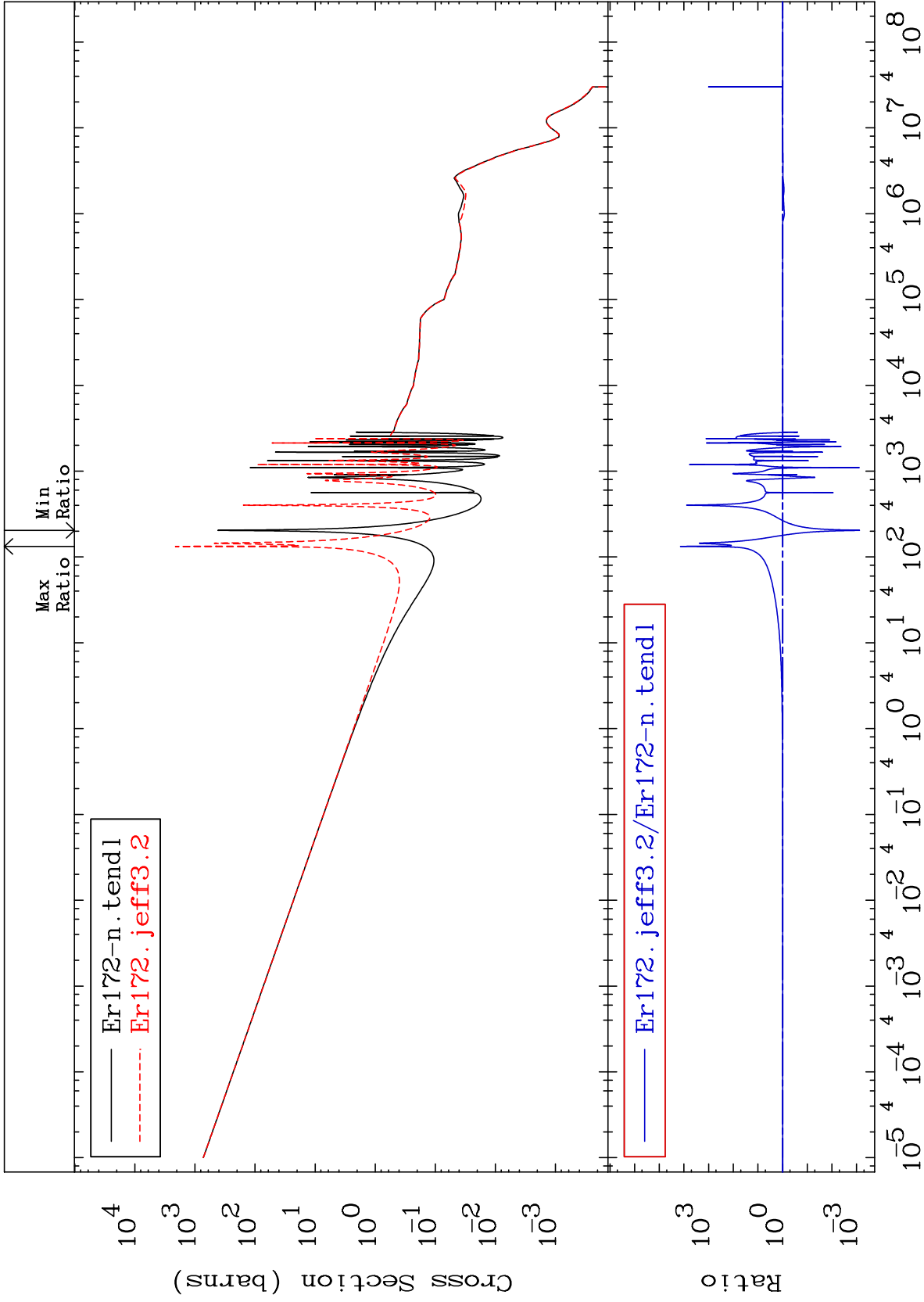


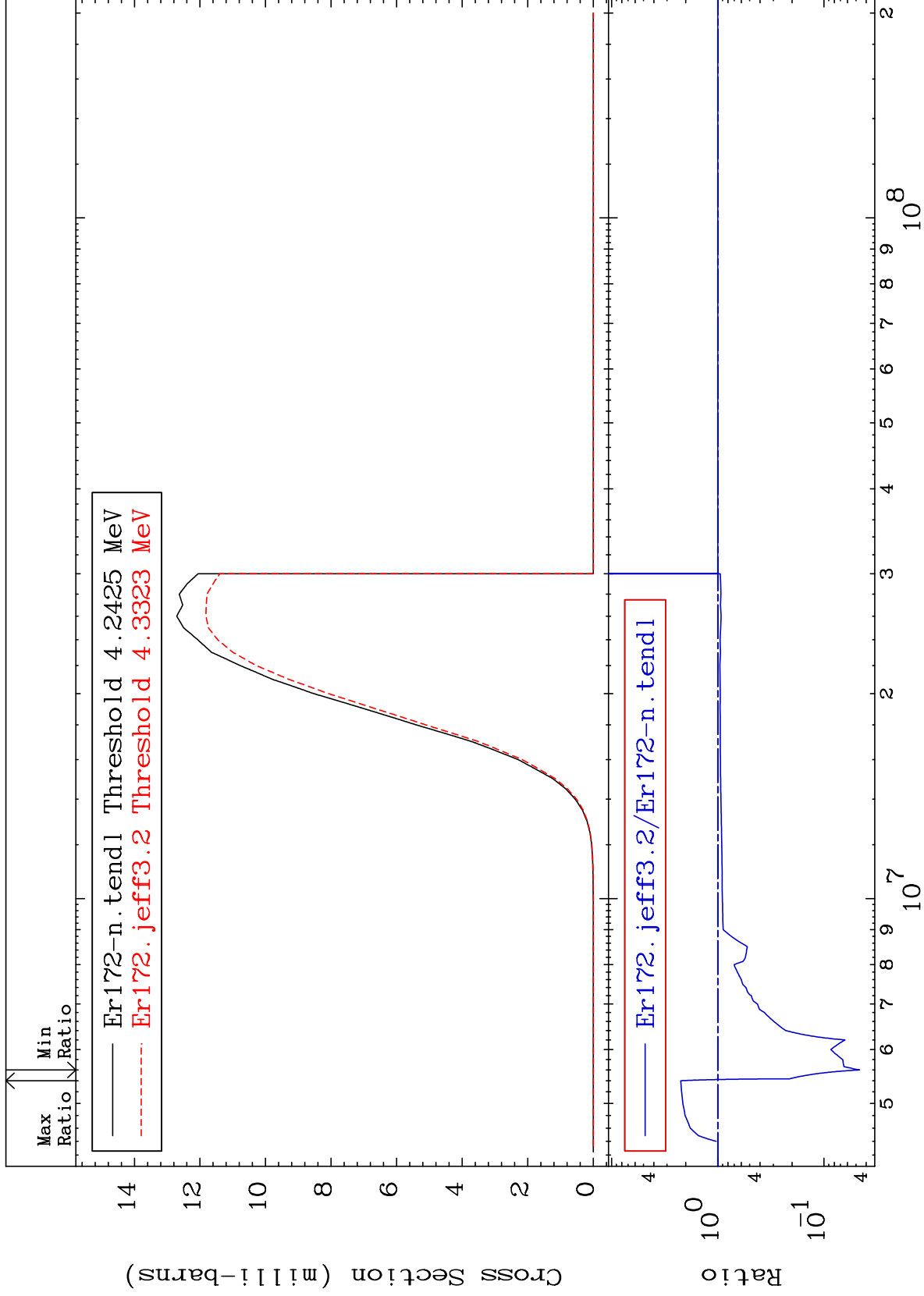
MAT 6855

(n, n') Continuum
Cross Section

68-Er-172
-0.054 To 3.503 %

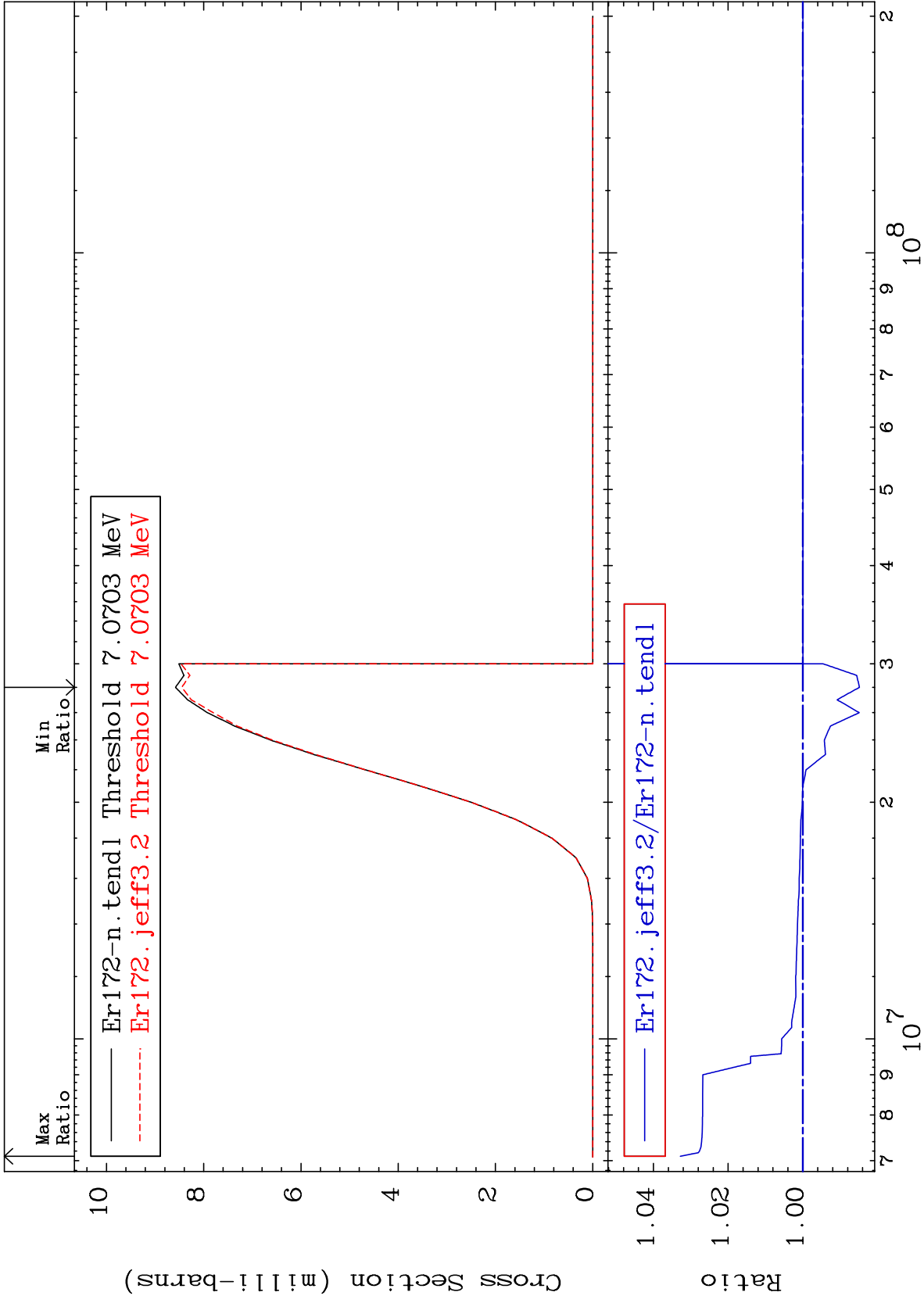






Cross Section

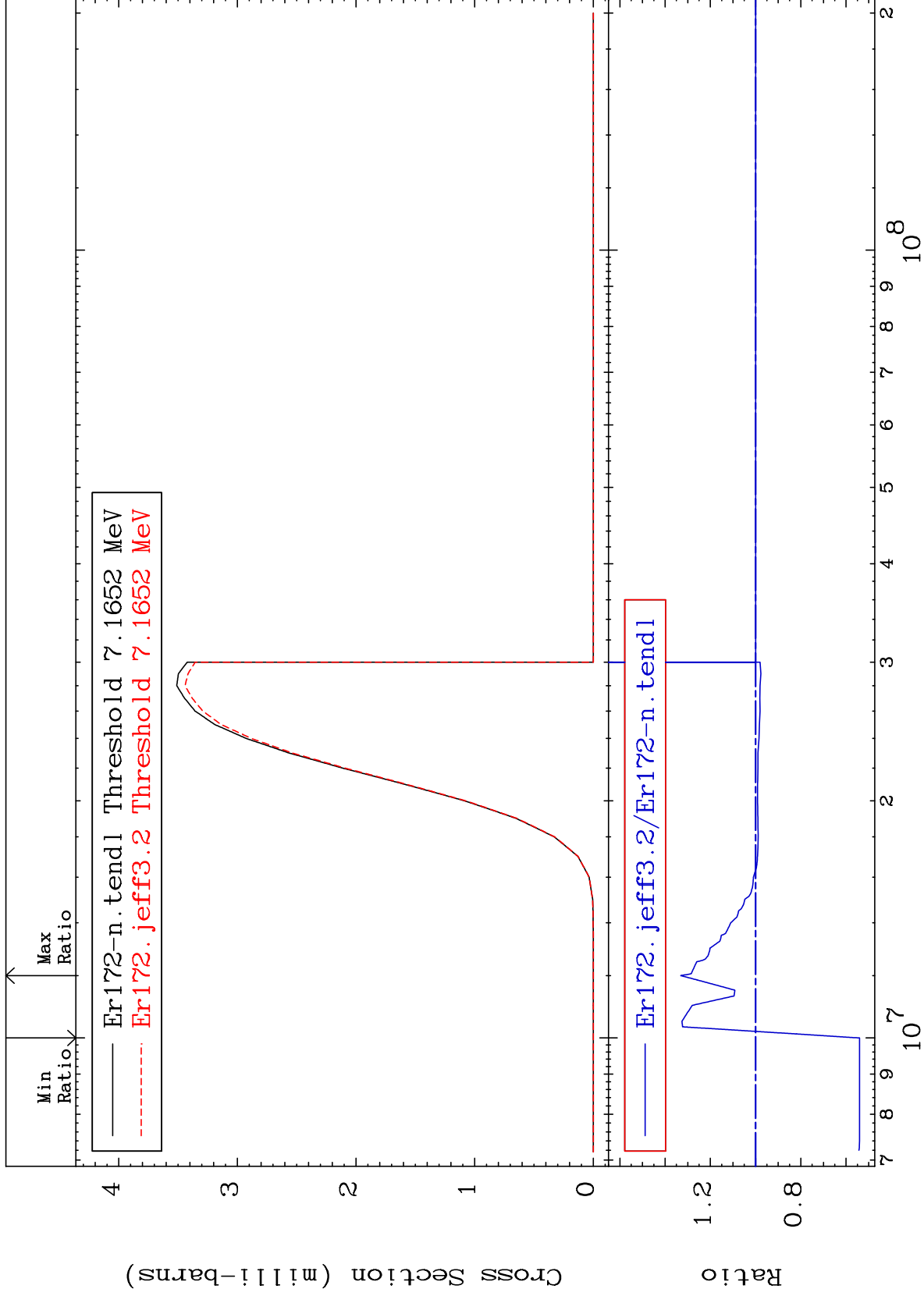
-1.515 To 3.278 %



MAT 6855

(n, t)
Cross Section

68-Er-172
-45.94 To 33.09 %



52

68-Er-172

68-Er-172

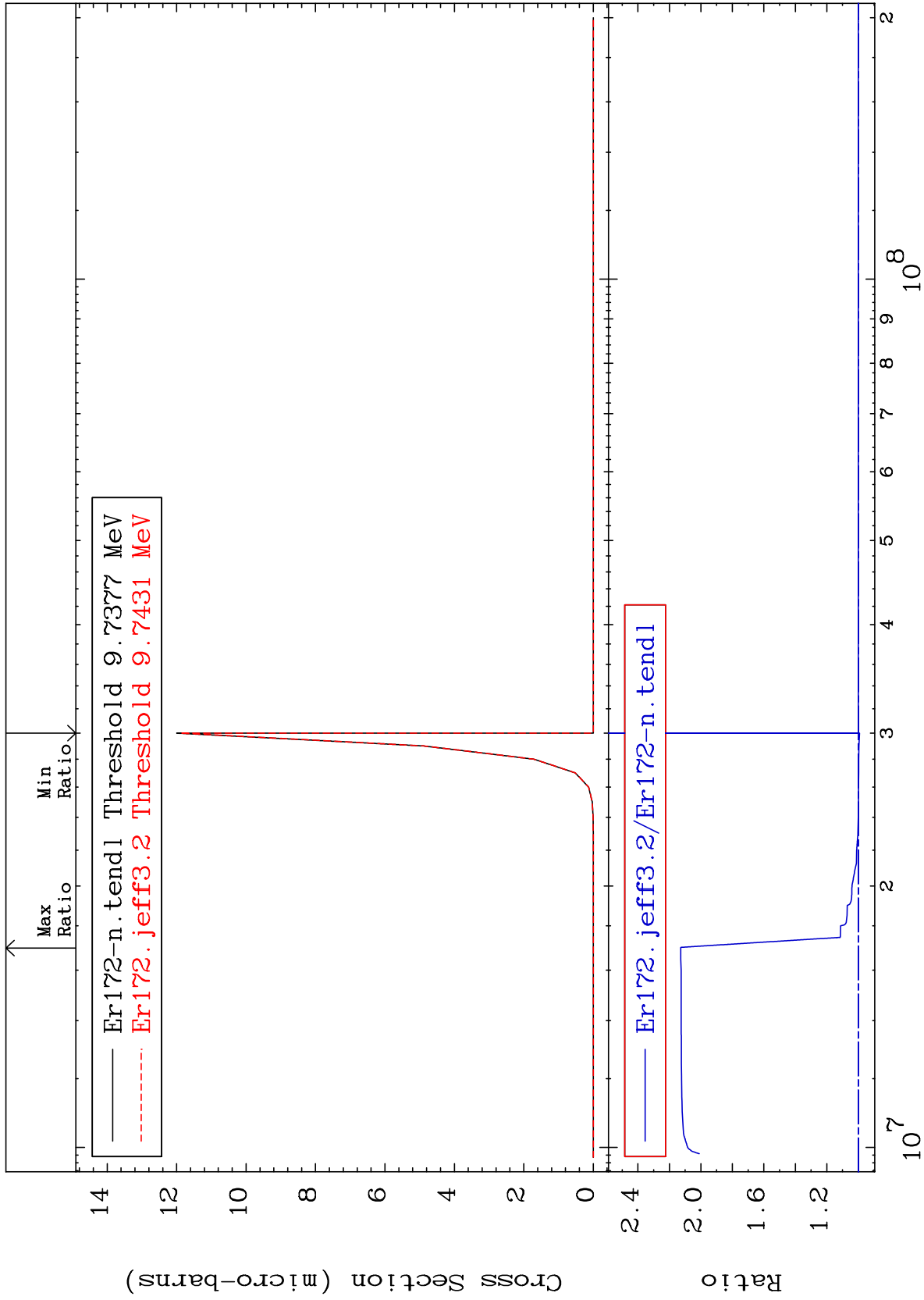
MAT 6855

(n, He-3)

68-Er-172

Cross Section

-0.784 To 112.8 %



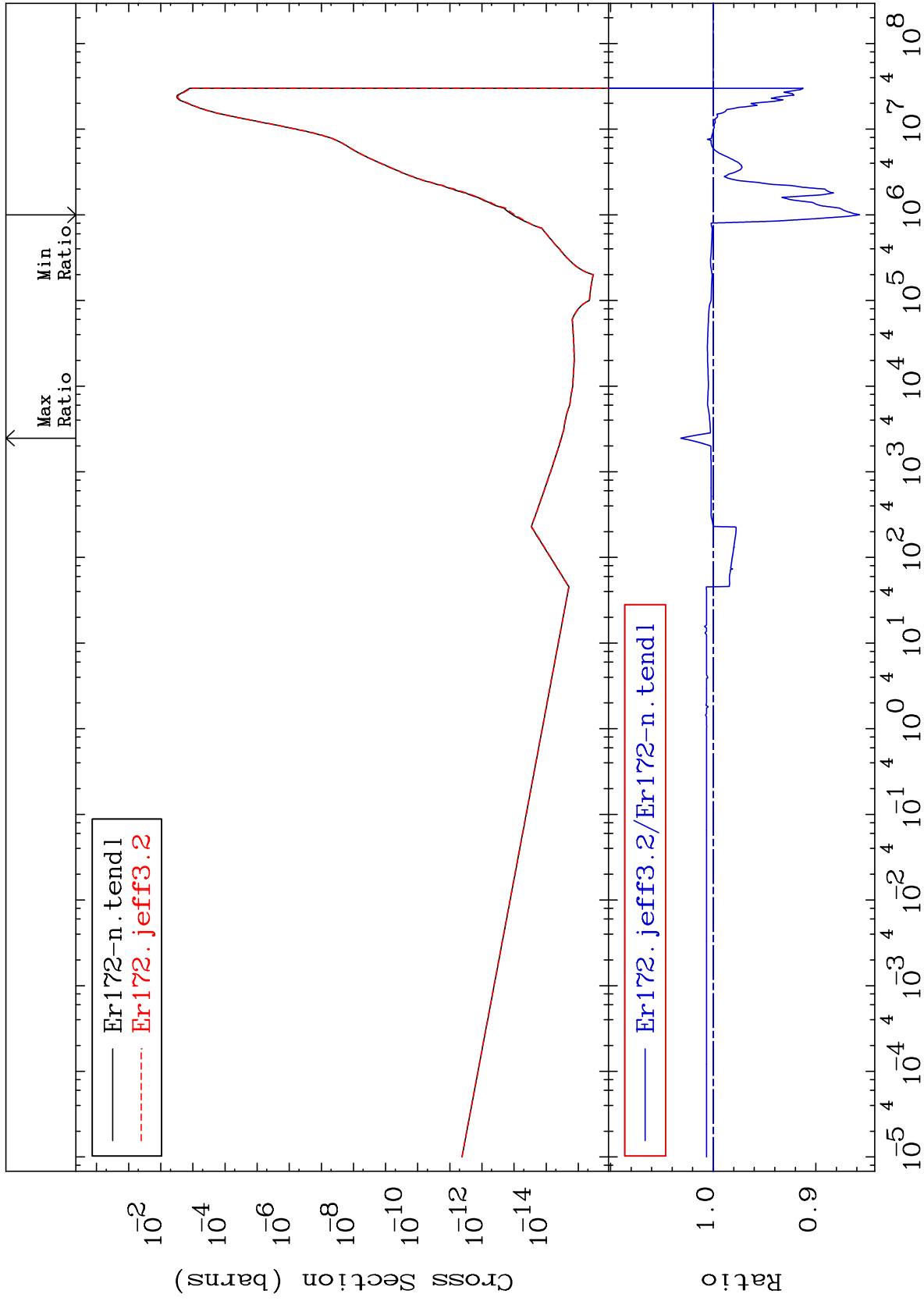
53

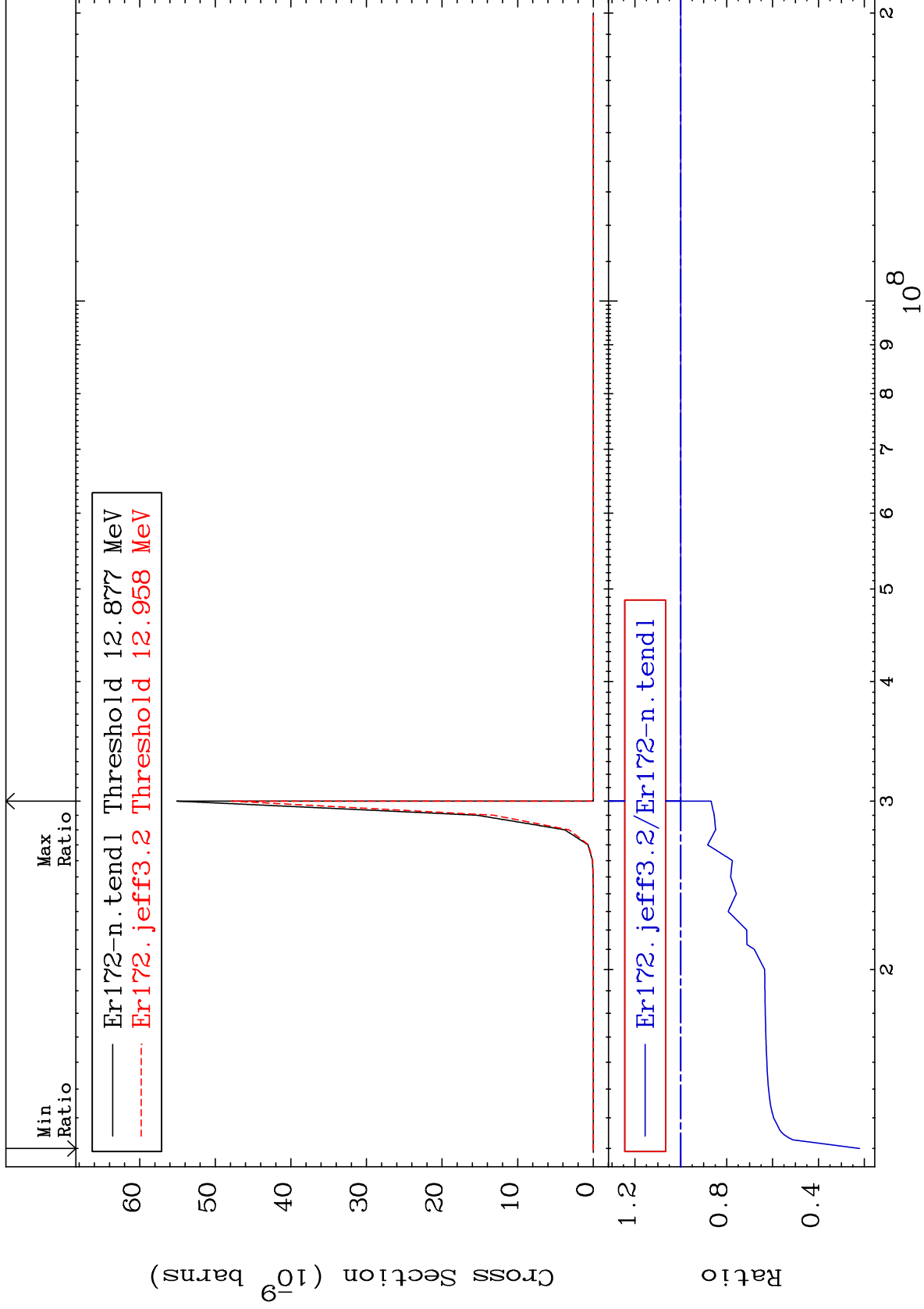
Incident Energy (eV)

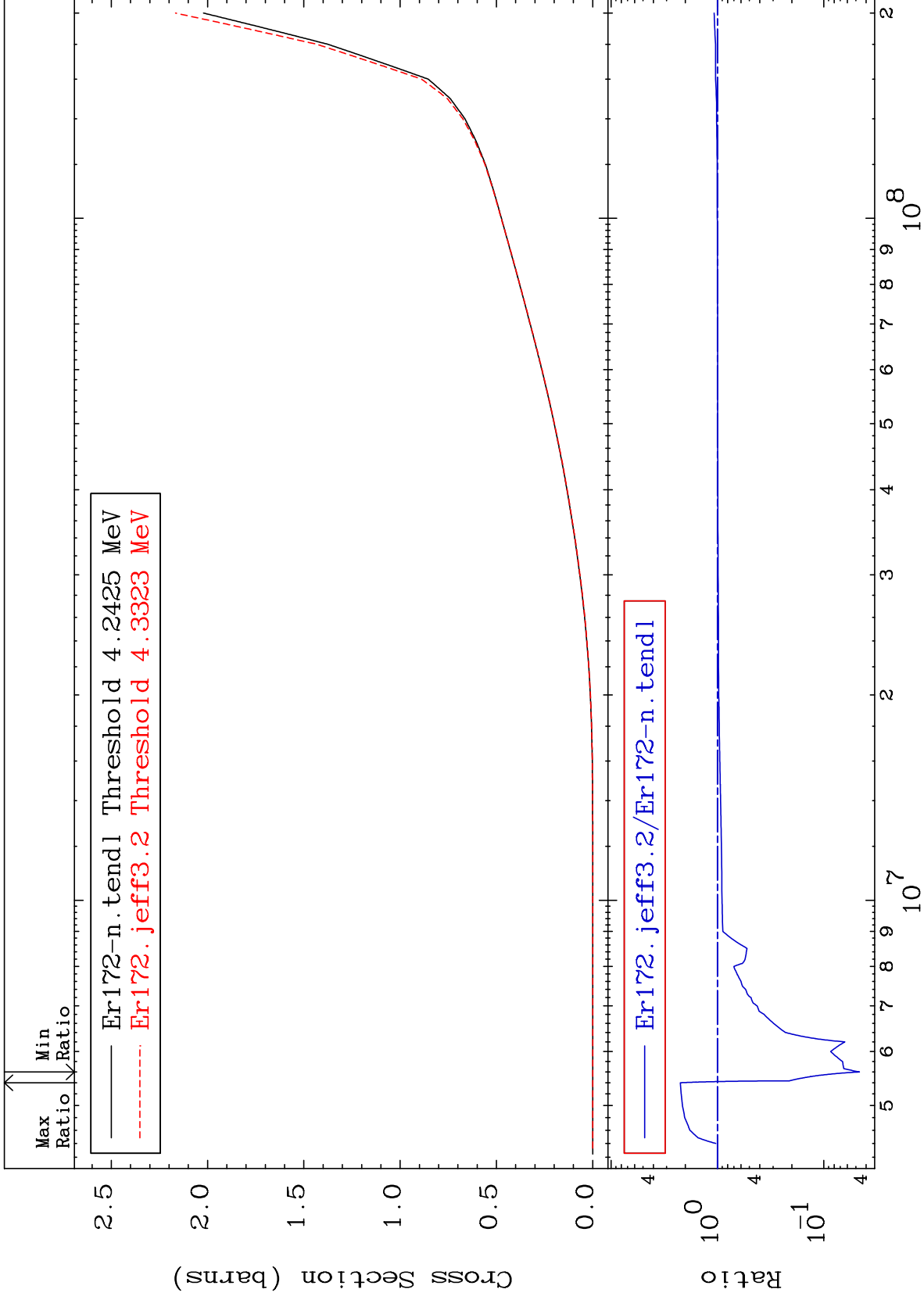
68-Er-172

Cross Section

-14.25 To 3.161 %



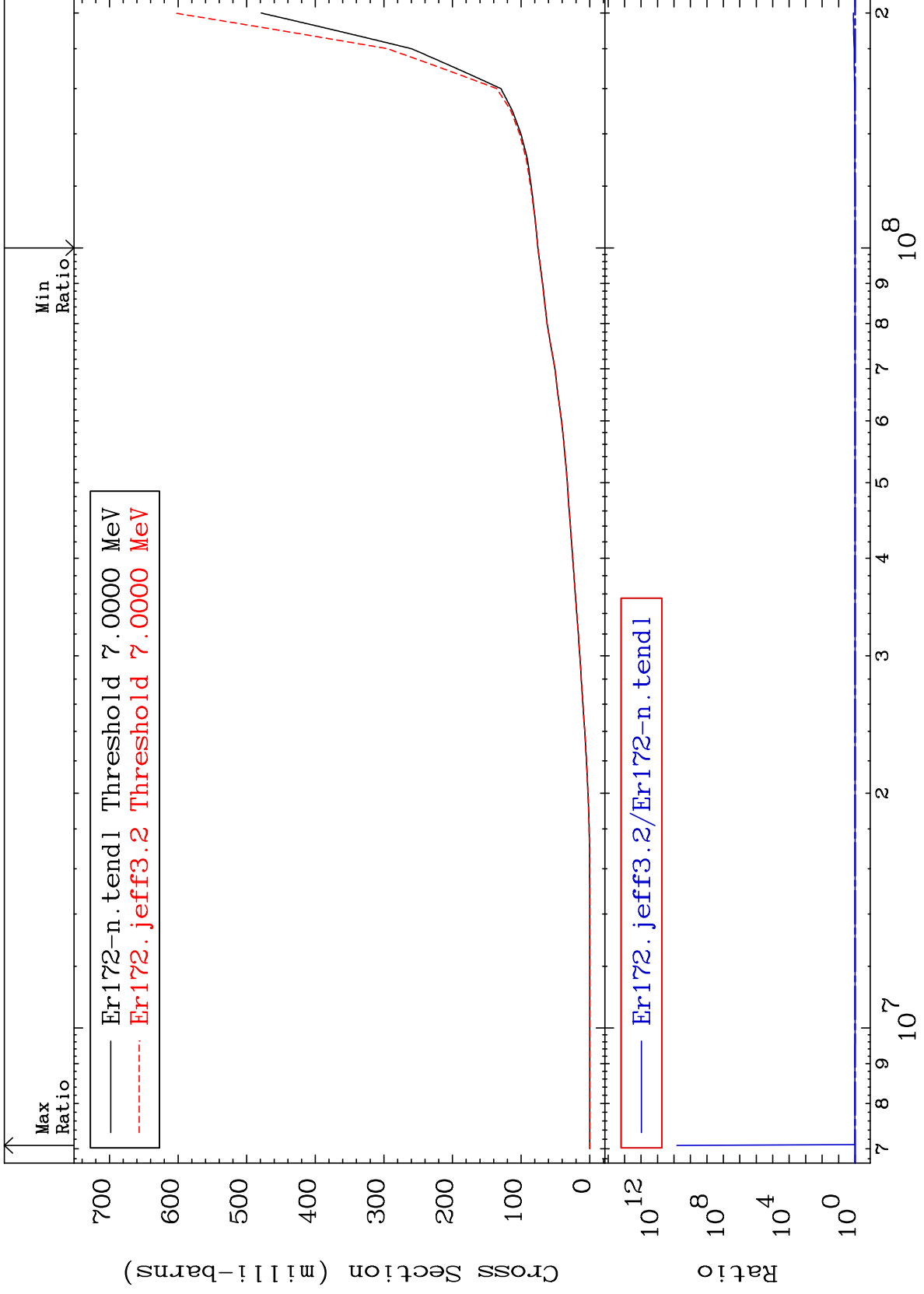


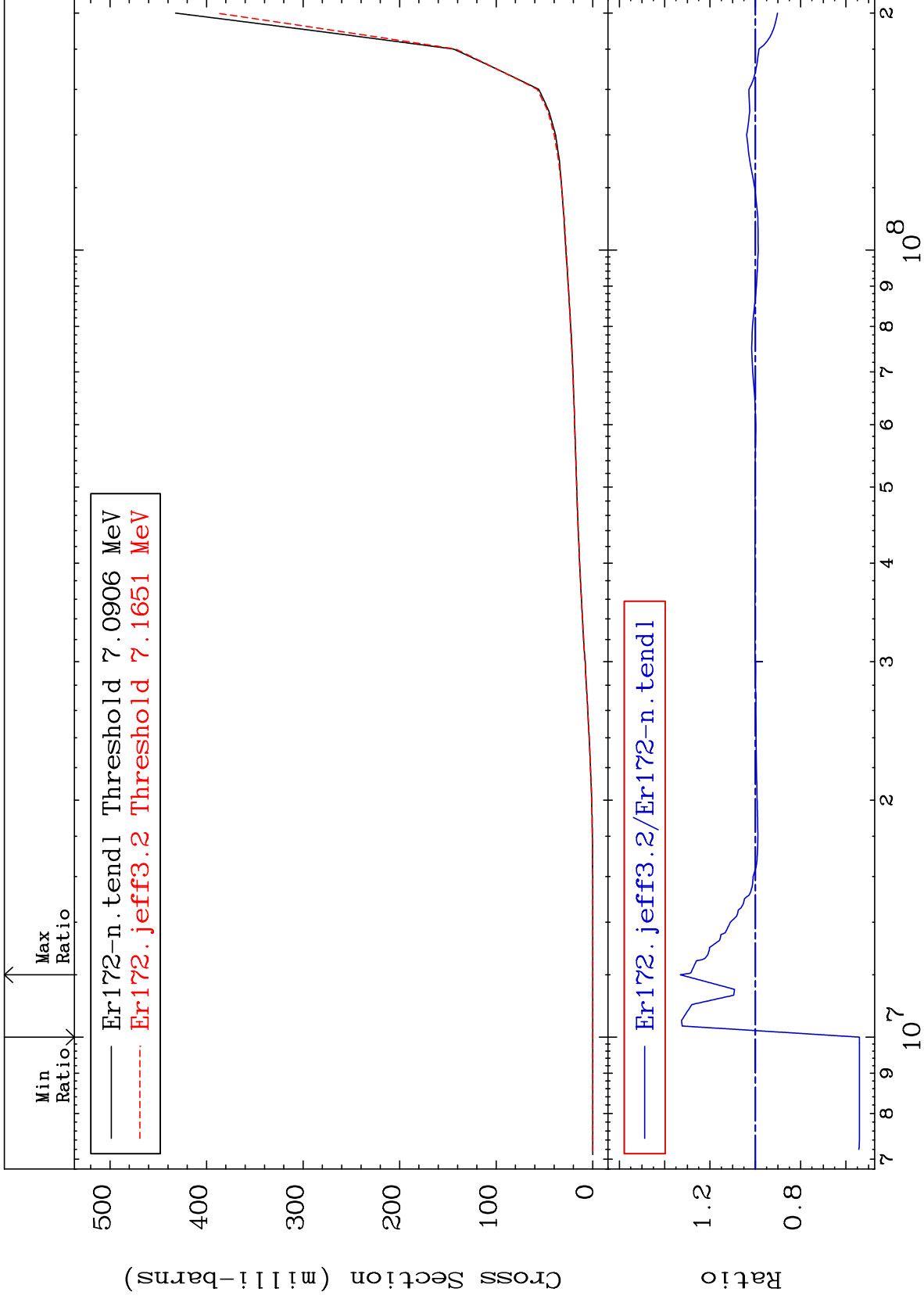


MAT 6855

Deuterium Production
Cross Section

68-Er-172
-0.227 To 9999. %

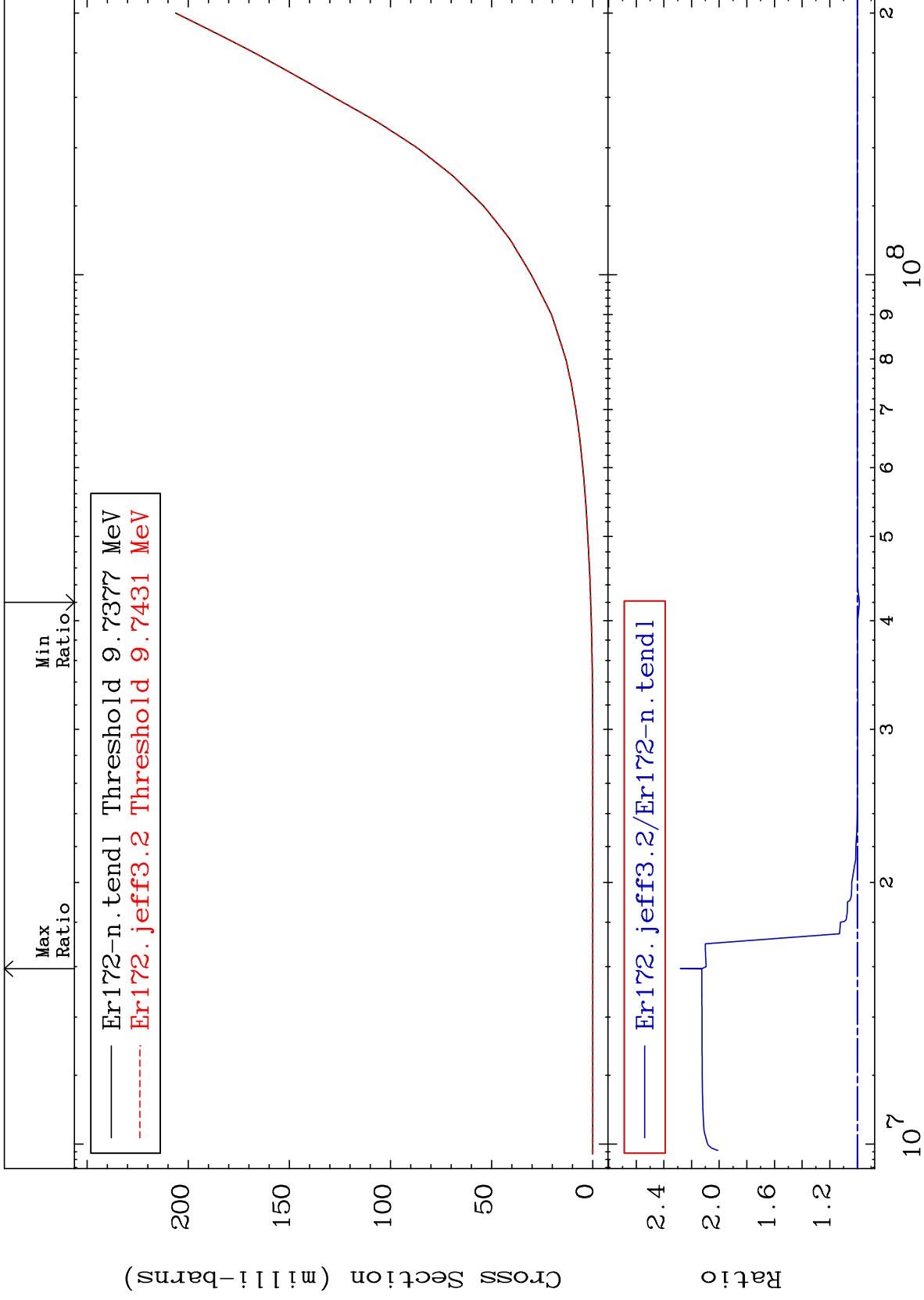




MAT 6855

He-3 Production
Cross Section

68-Er-172
-1.504 To 128.1 %



59

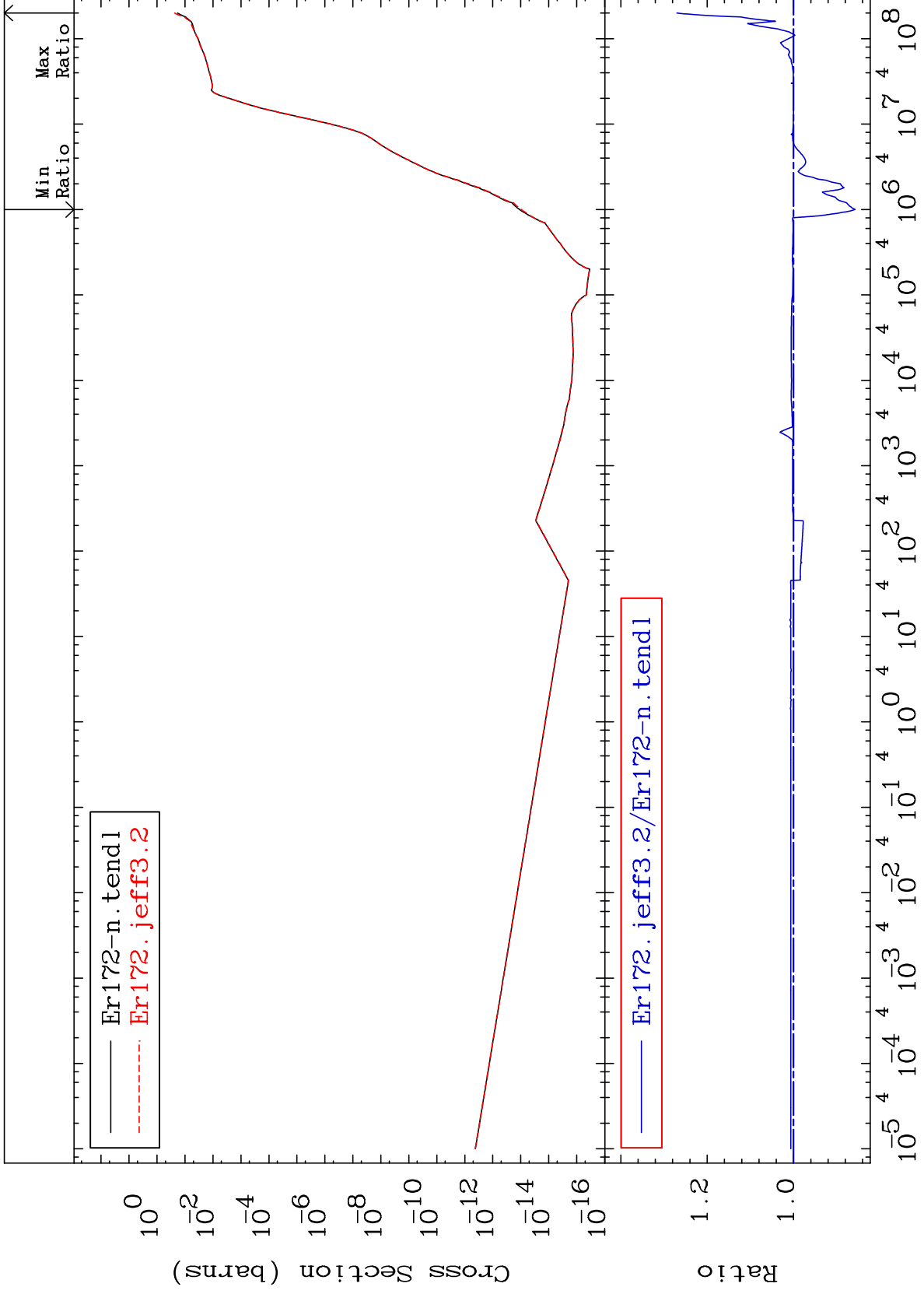
Incident Energy (eV)

68-Er-172

MAT 6855

He-4 Production
Cross Section

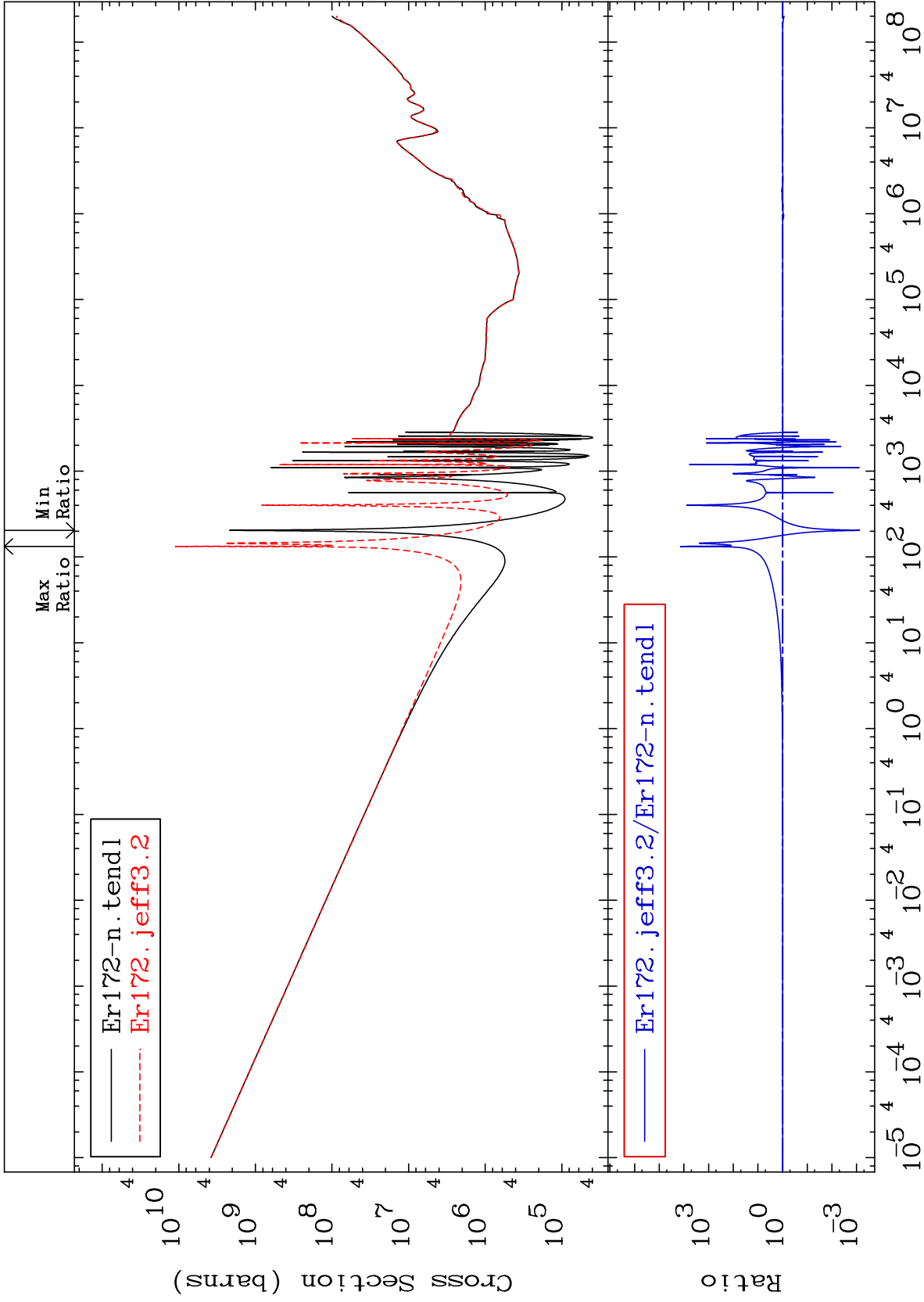
68-Er-172
-14.25 To 27.00 %



60

Incident Energy (eV)

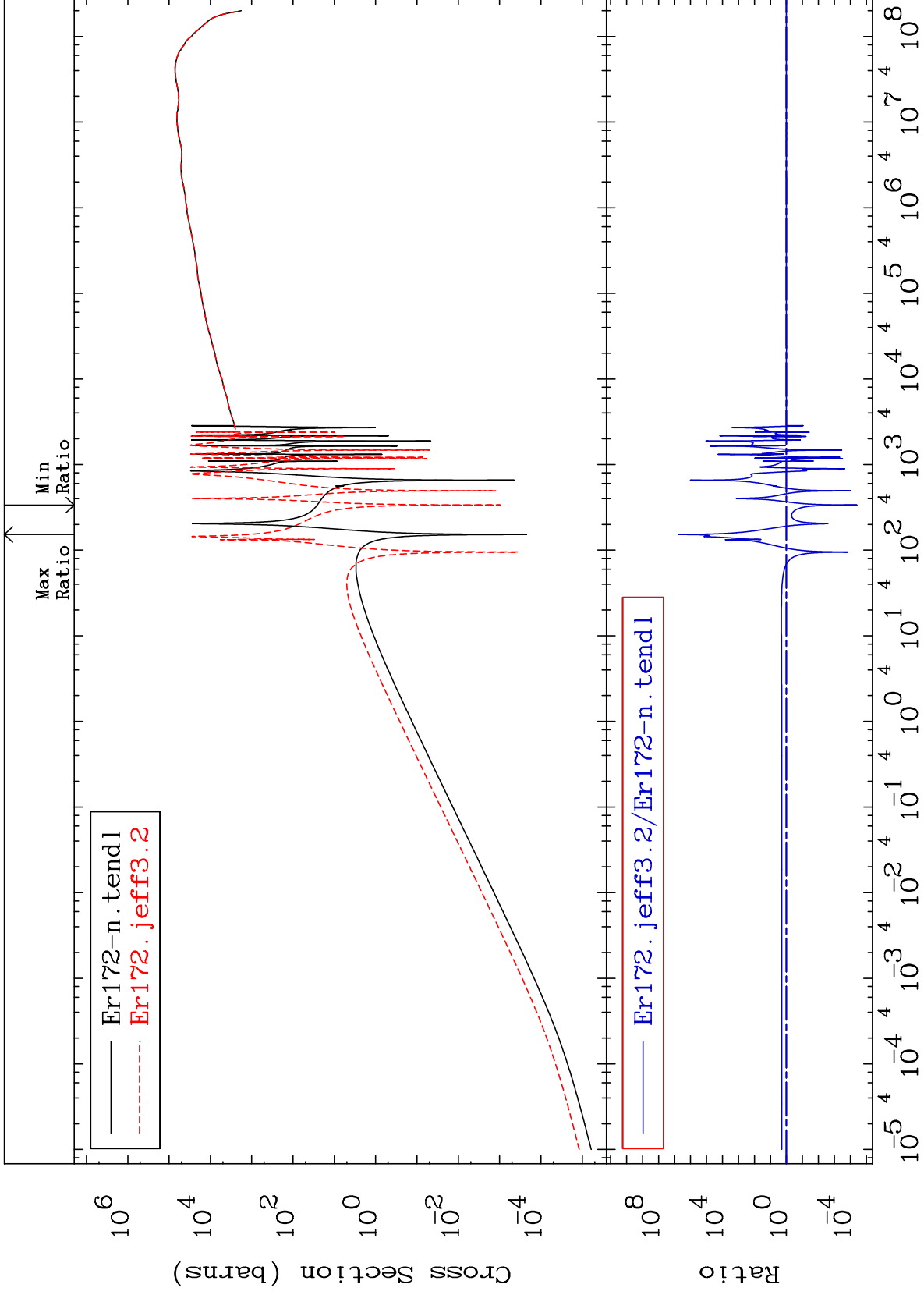
68-Er-172

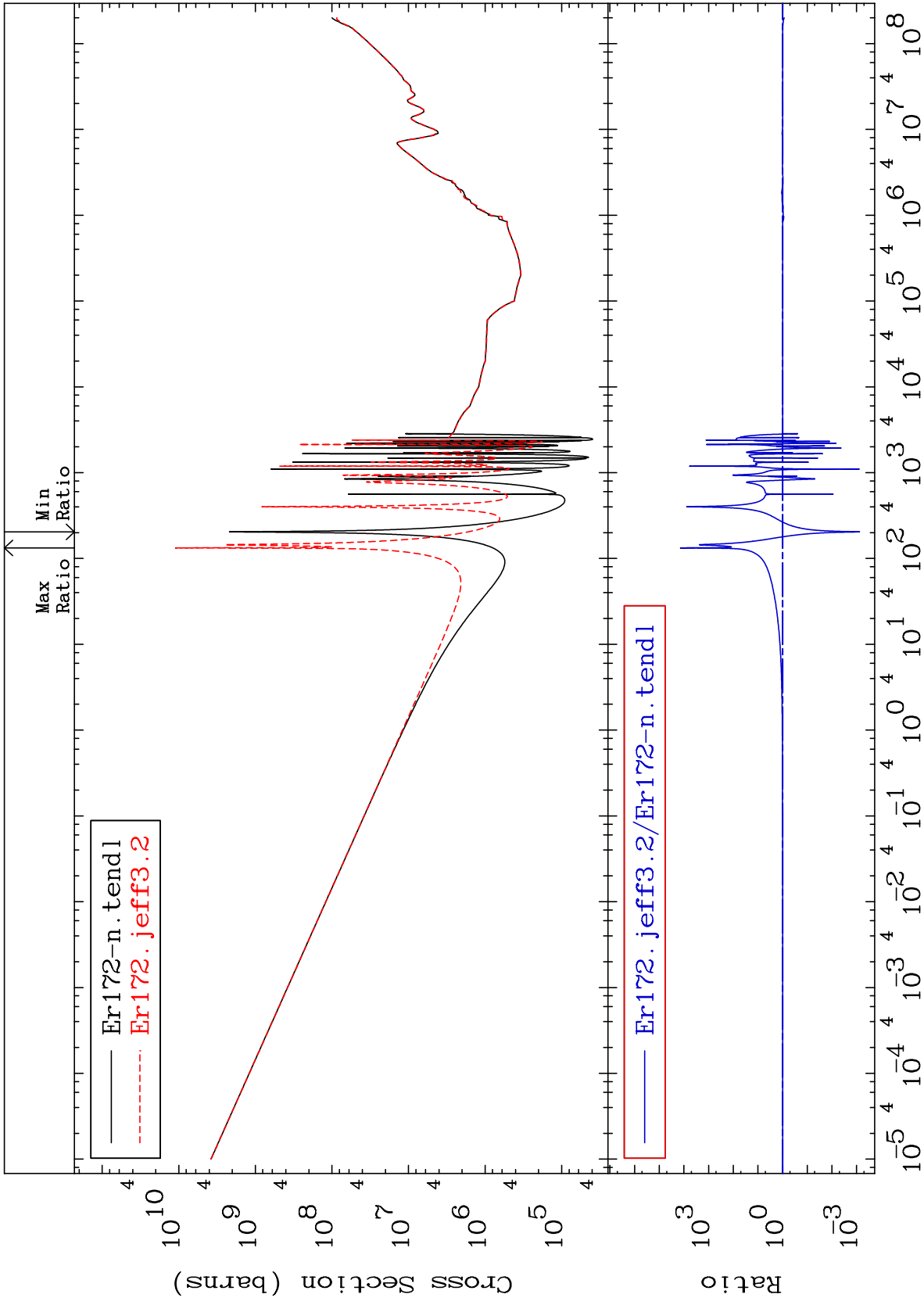


MAT 6855

Kerma elastic
Cross Section

68-Er-172
-100.0 To 9999. %

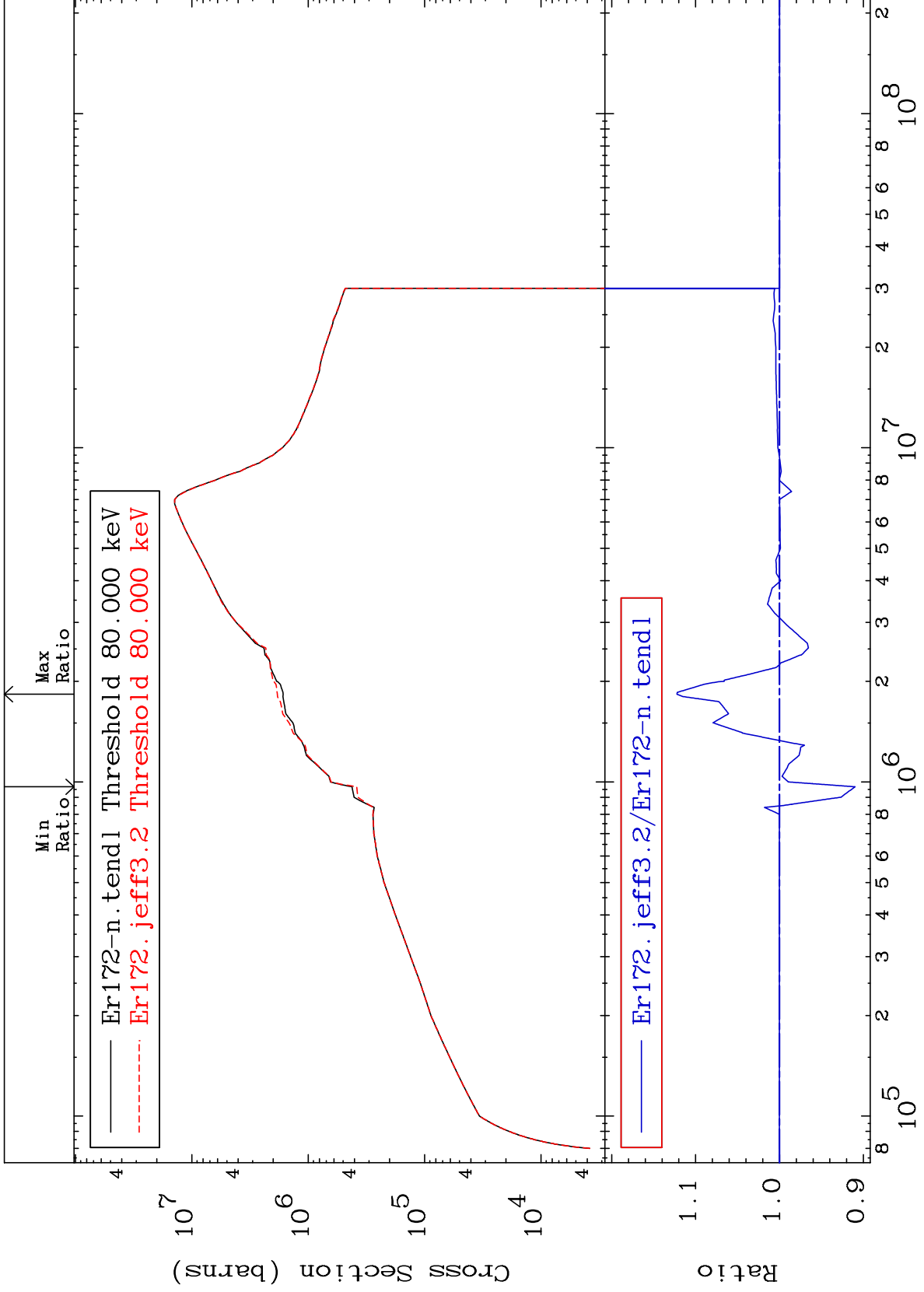




MAT 6855

Kerma inelastic (mt51-91)
Cross Section

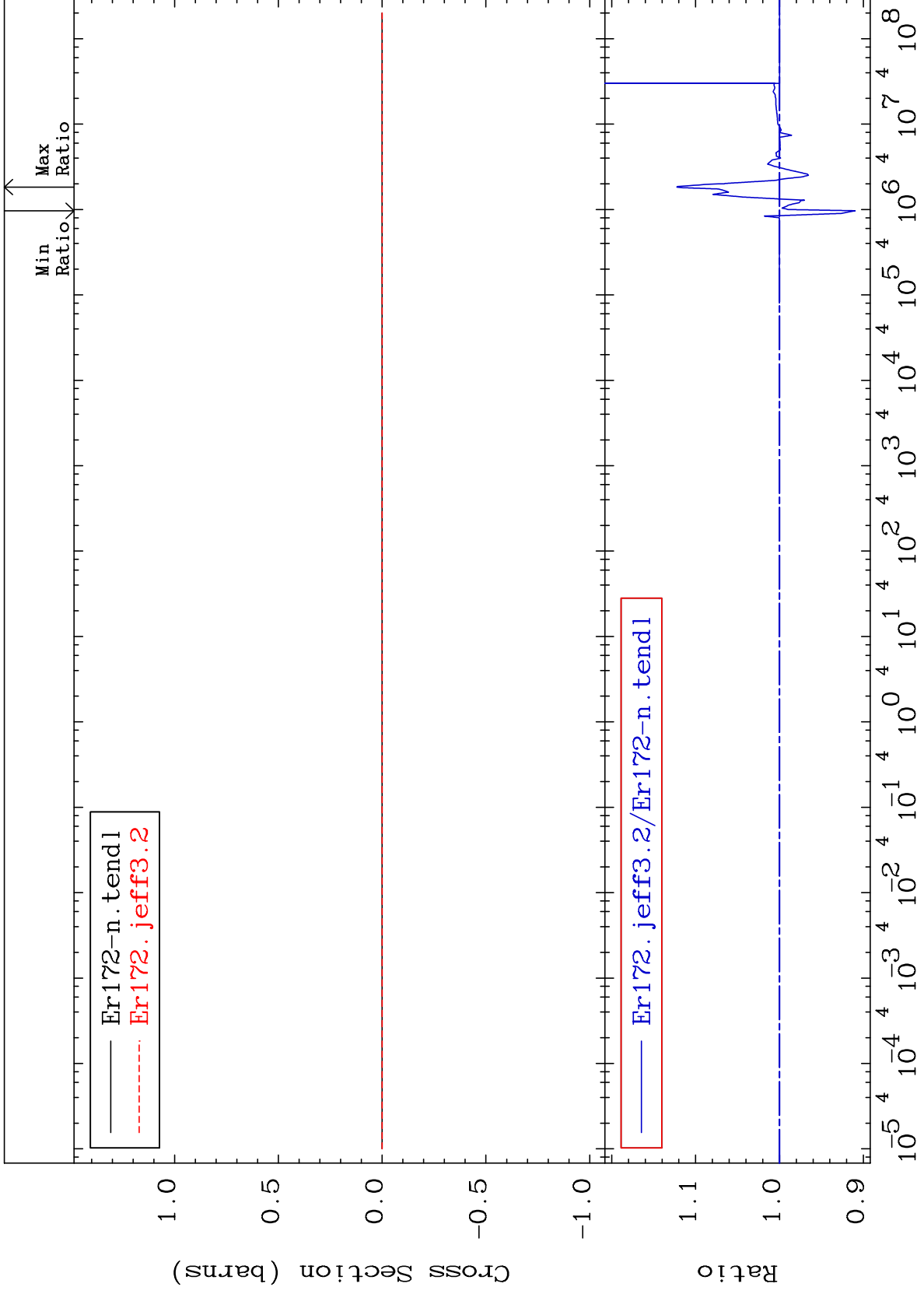
68-Er-172
-9.007 To 12.23 %



MAT 6855

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

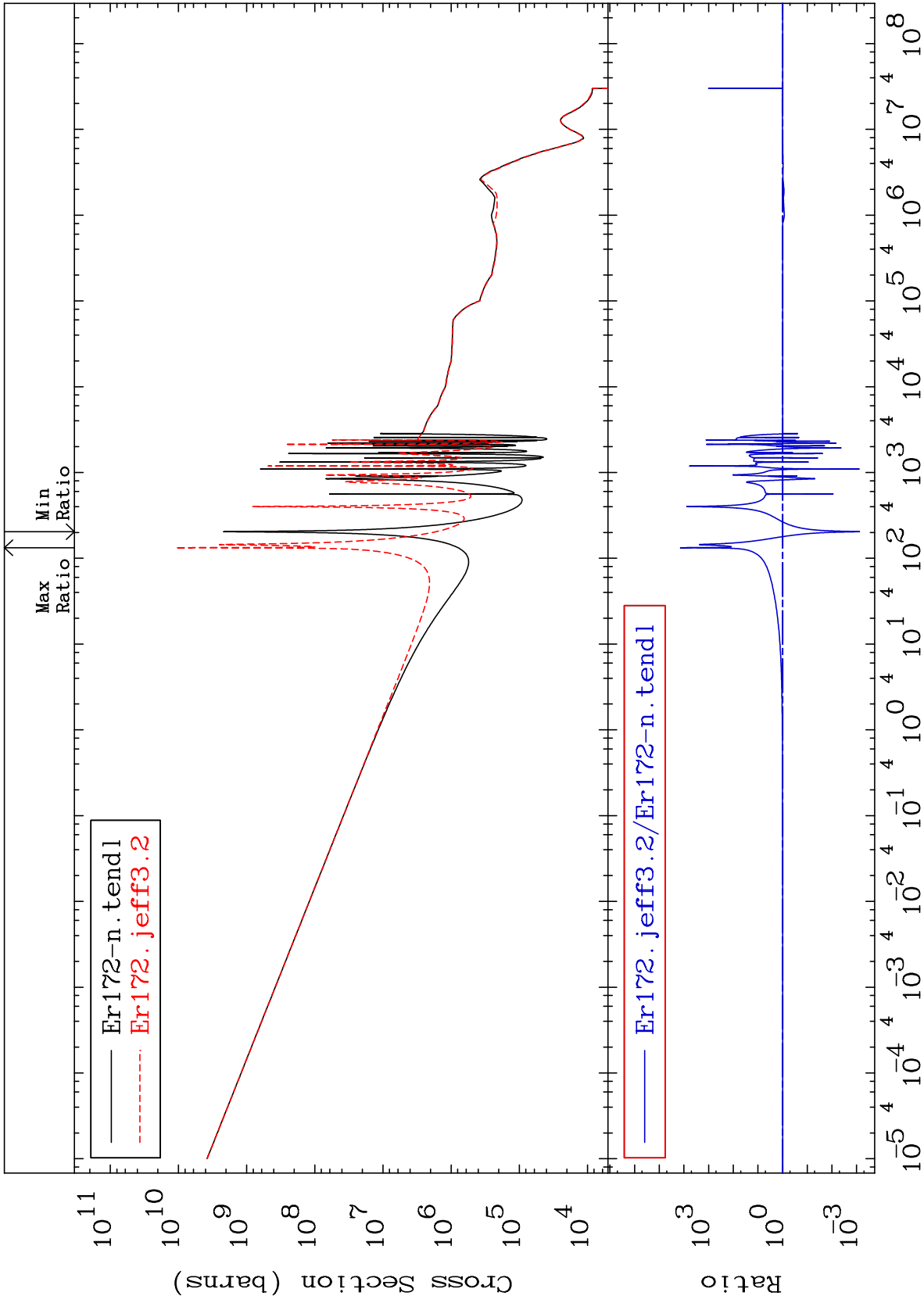
68-Er-172
-9.007 To 12.23 %

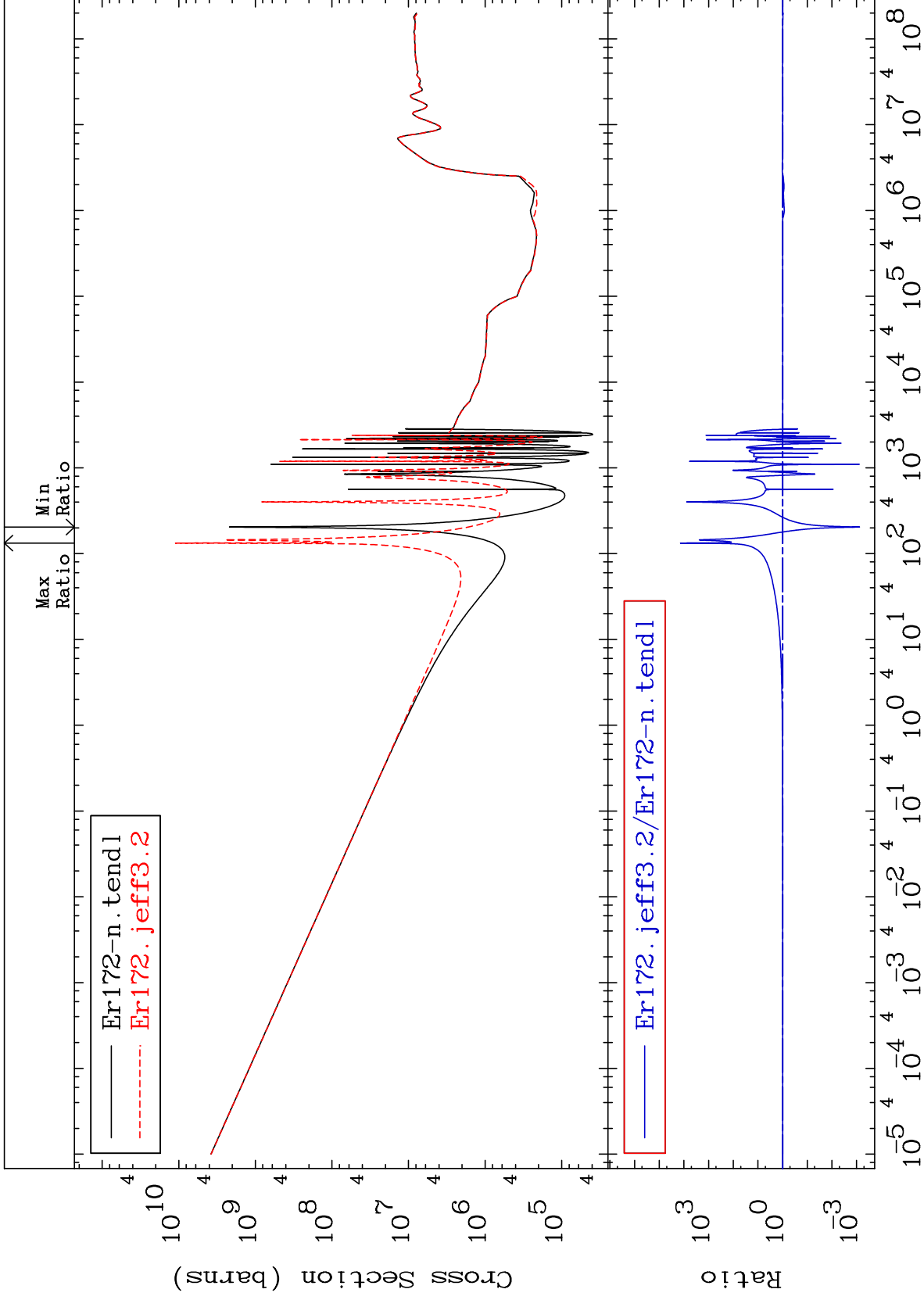


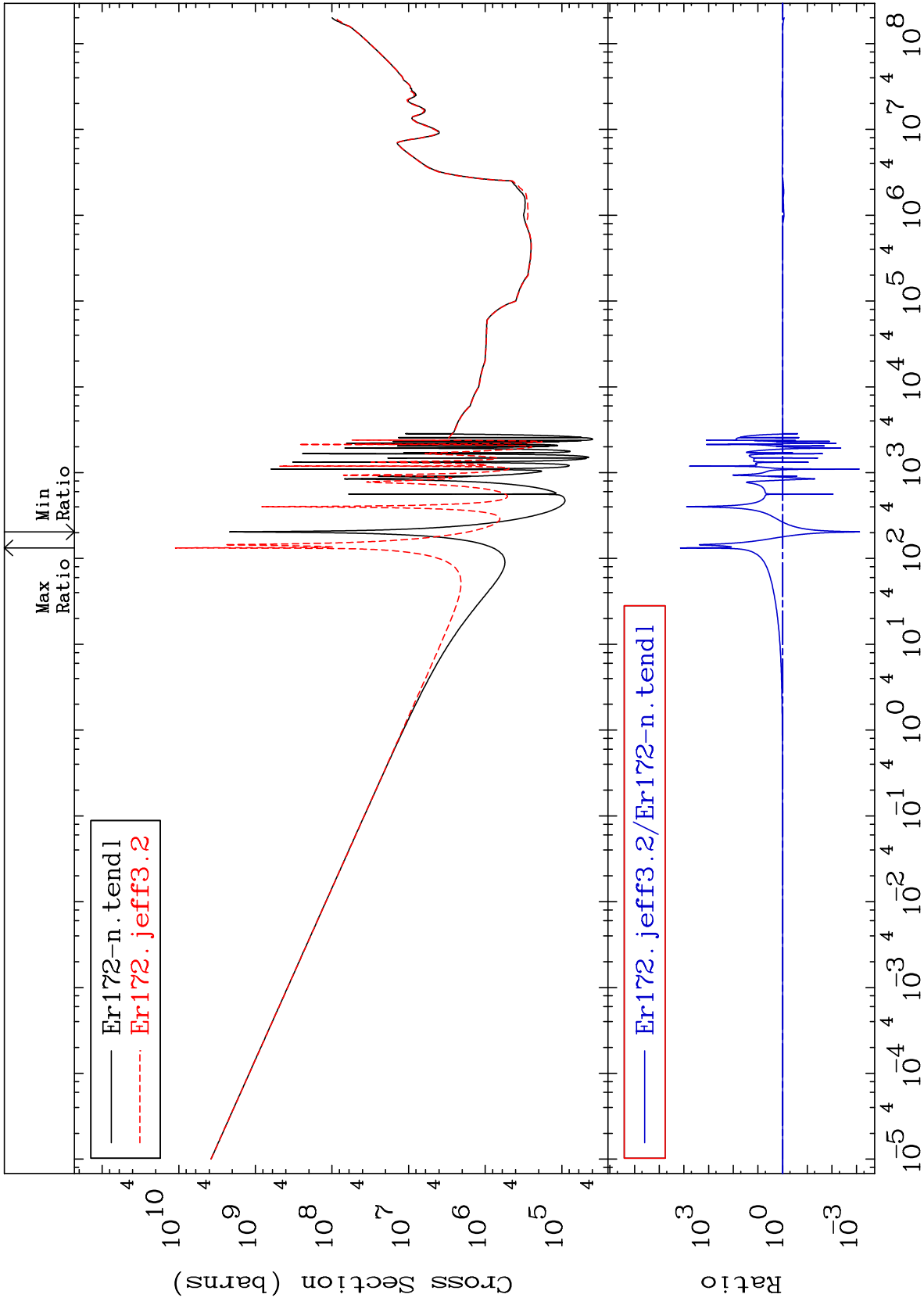
65

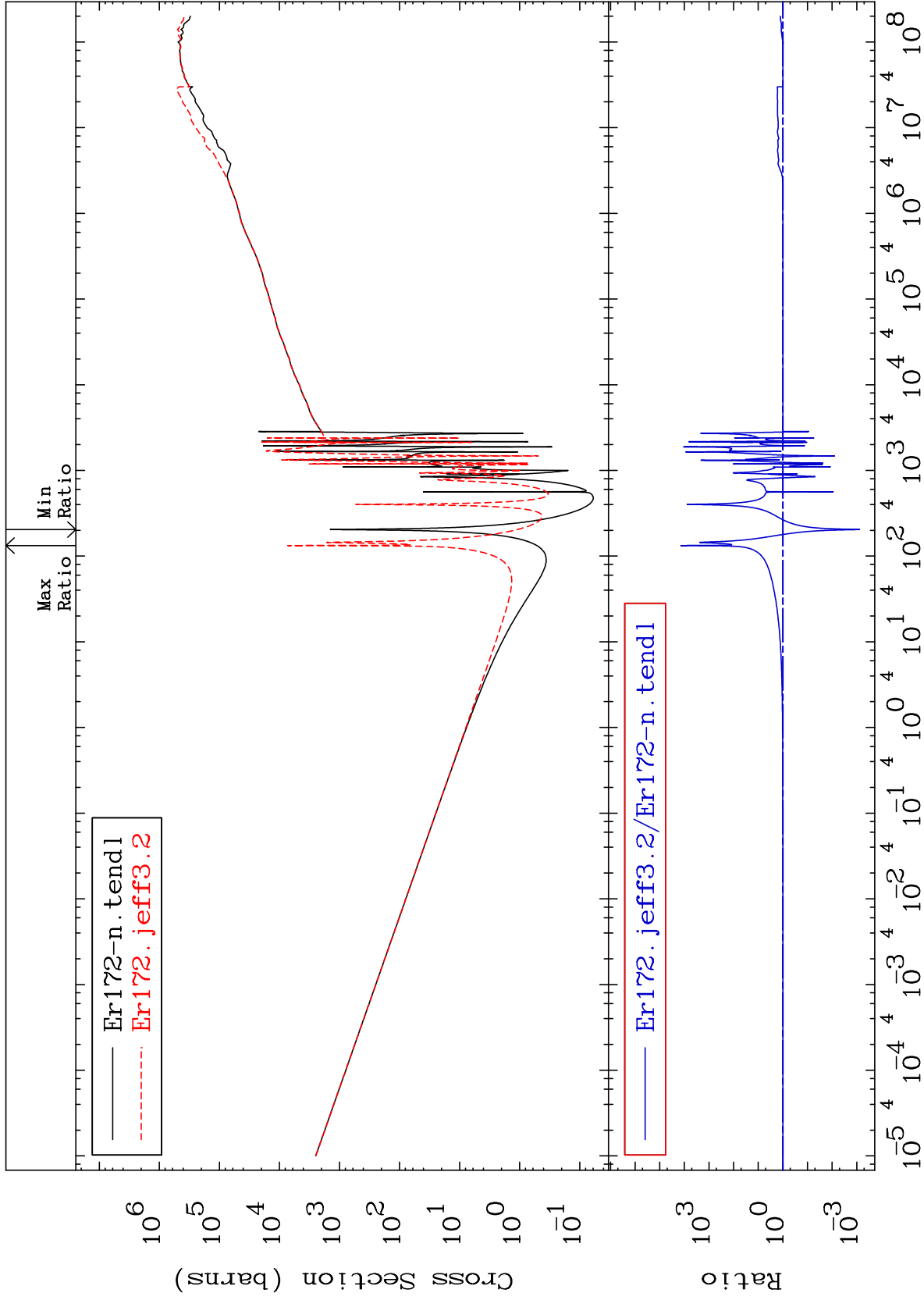
Incident Energy (eV)

68-Er-172





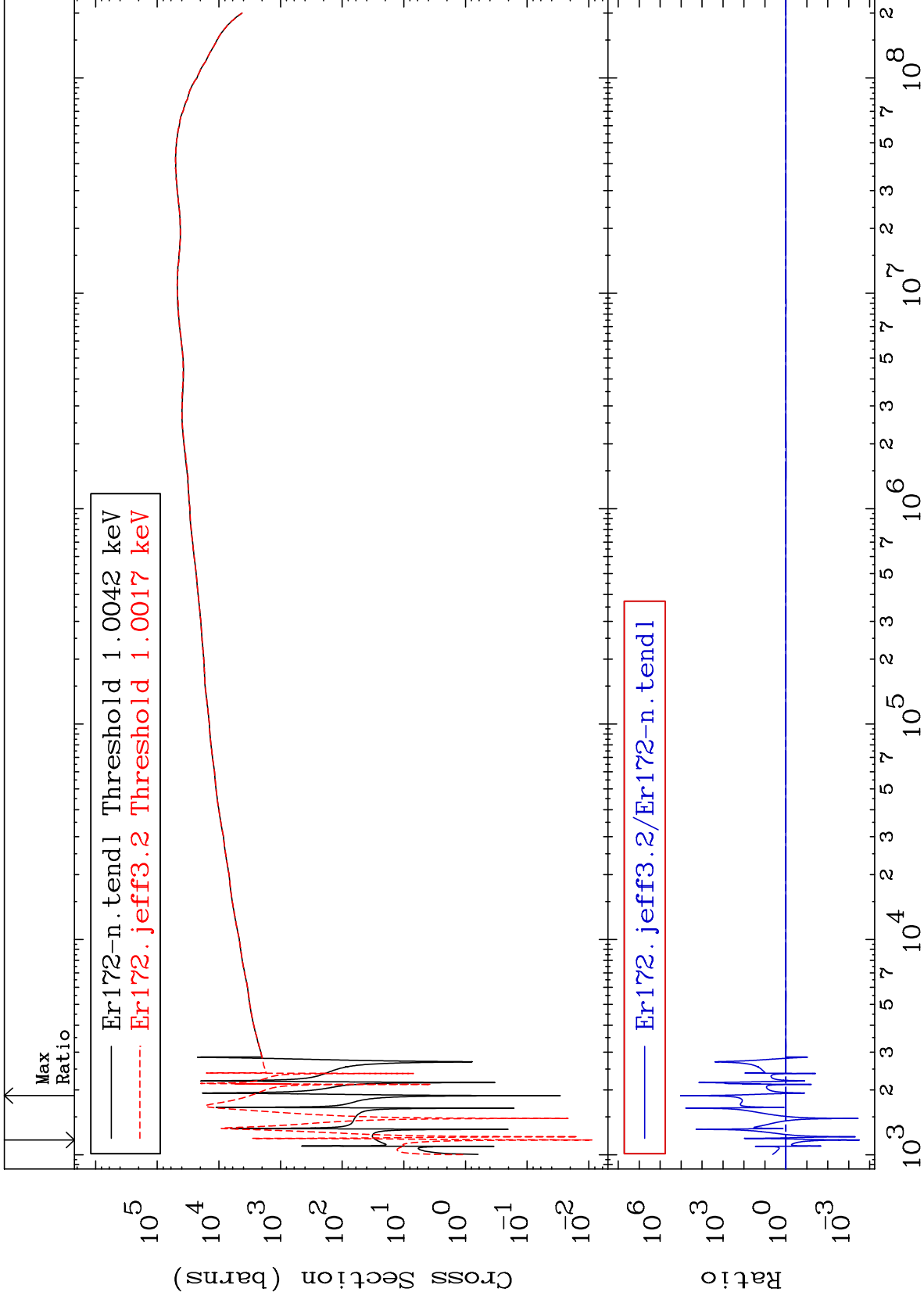




MAT 6855

Dpa elastic (mt2)
Cross Section

68-Er-172
-99.97 To 9999. %



70

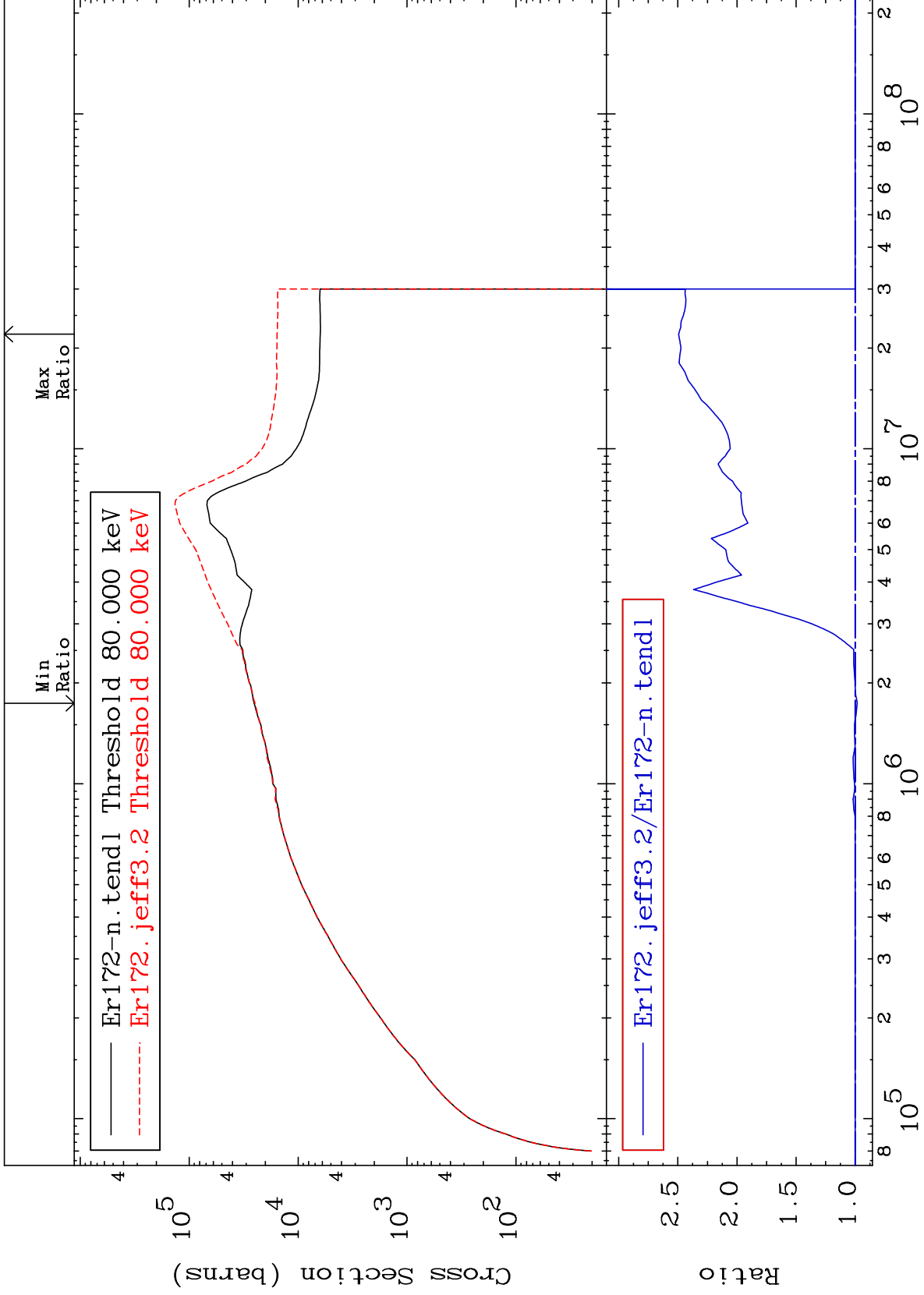
Incident Energy (eV)

68-Er-172

MAT 6855

Dpa inelastic (mt51-91)
Cross Section

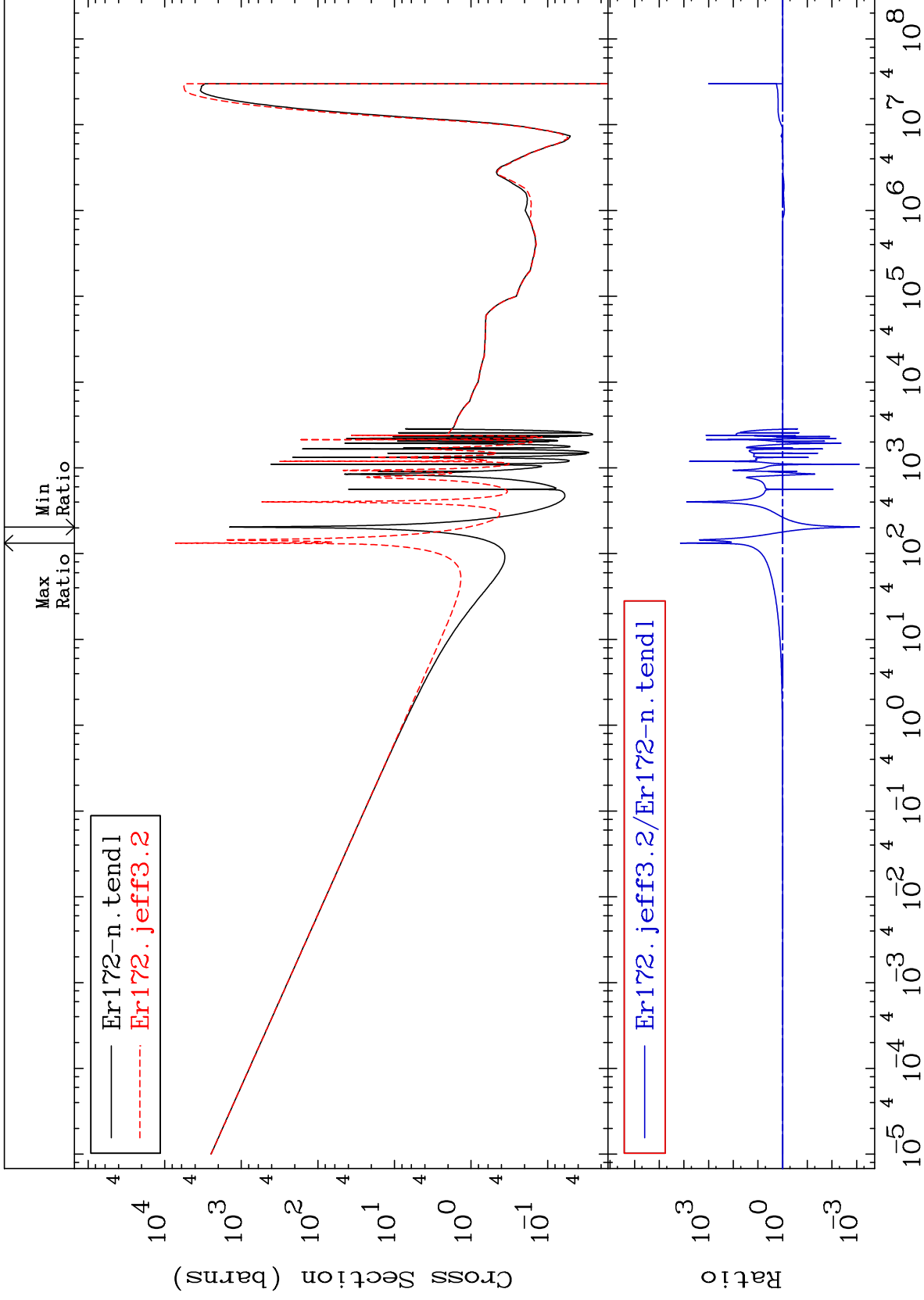
68-Er-172
-1.739 To 149.3 %



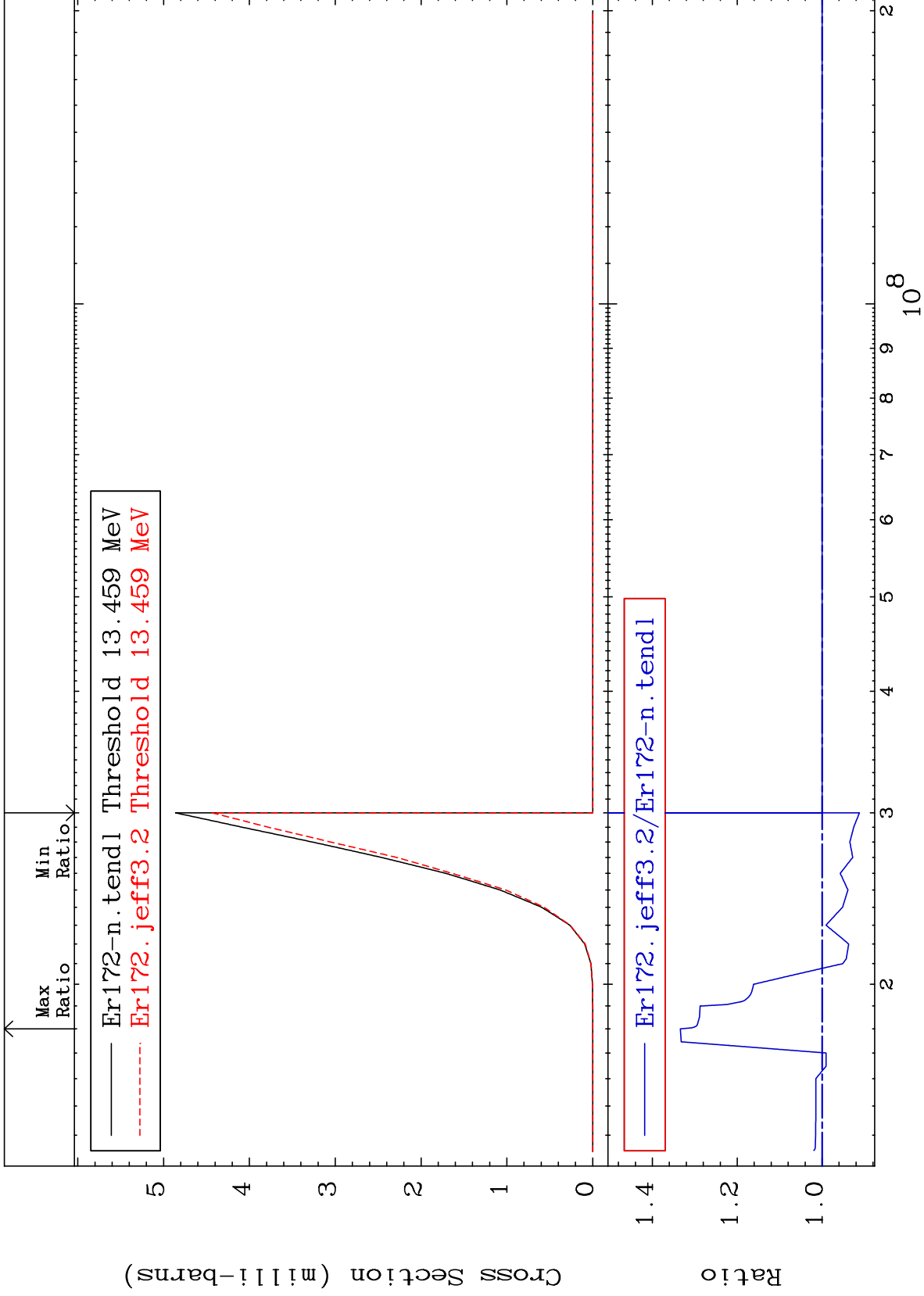
71

Incident Energy (eV)

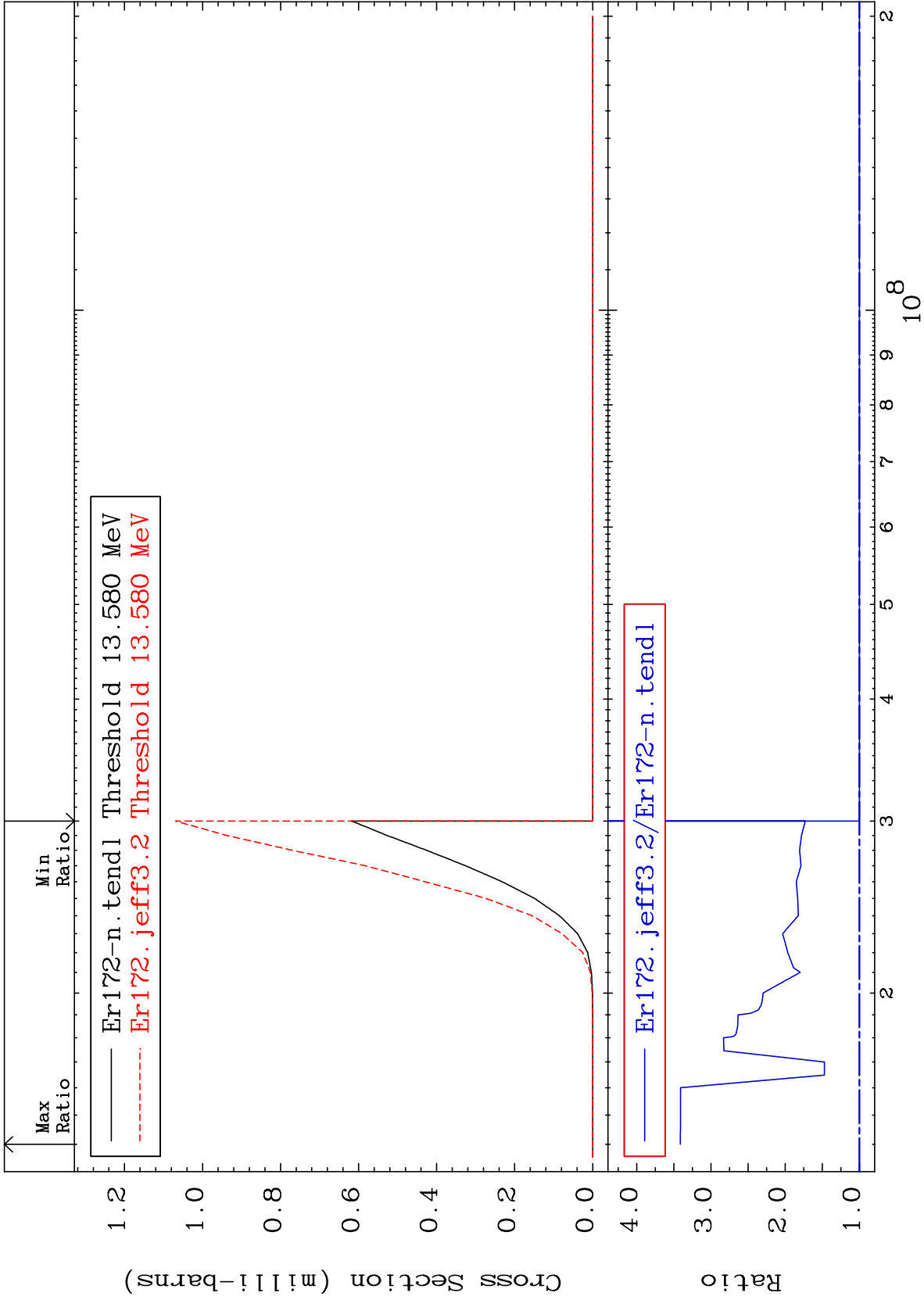
68-Er-172



Radionuclide Production Cross Section -8.799 To 33.40 %



Radionuclide Production Cross Section 0.000 To 241.3 %

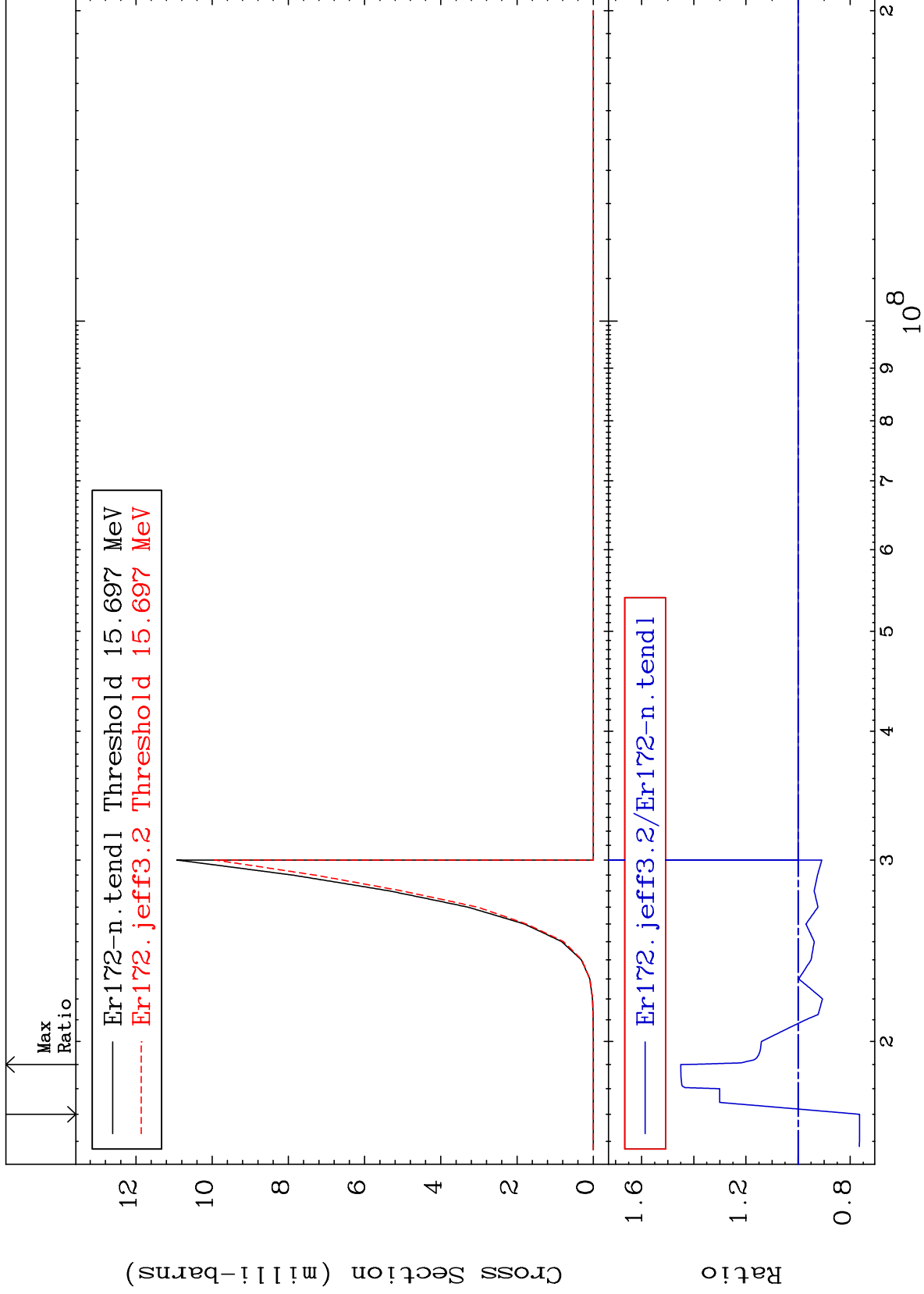


MAT 6855

(n,2n) p:67-Ho-170g

68-Er-172

Radionuclide Production Cross Section -23.58 To 45.00 %



75

Incident Energy (eV)

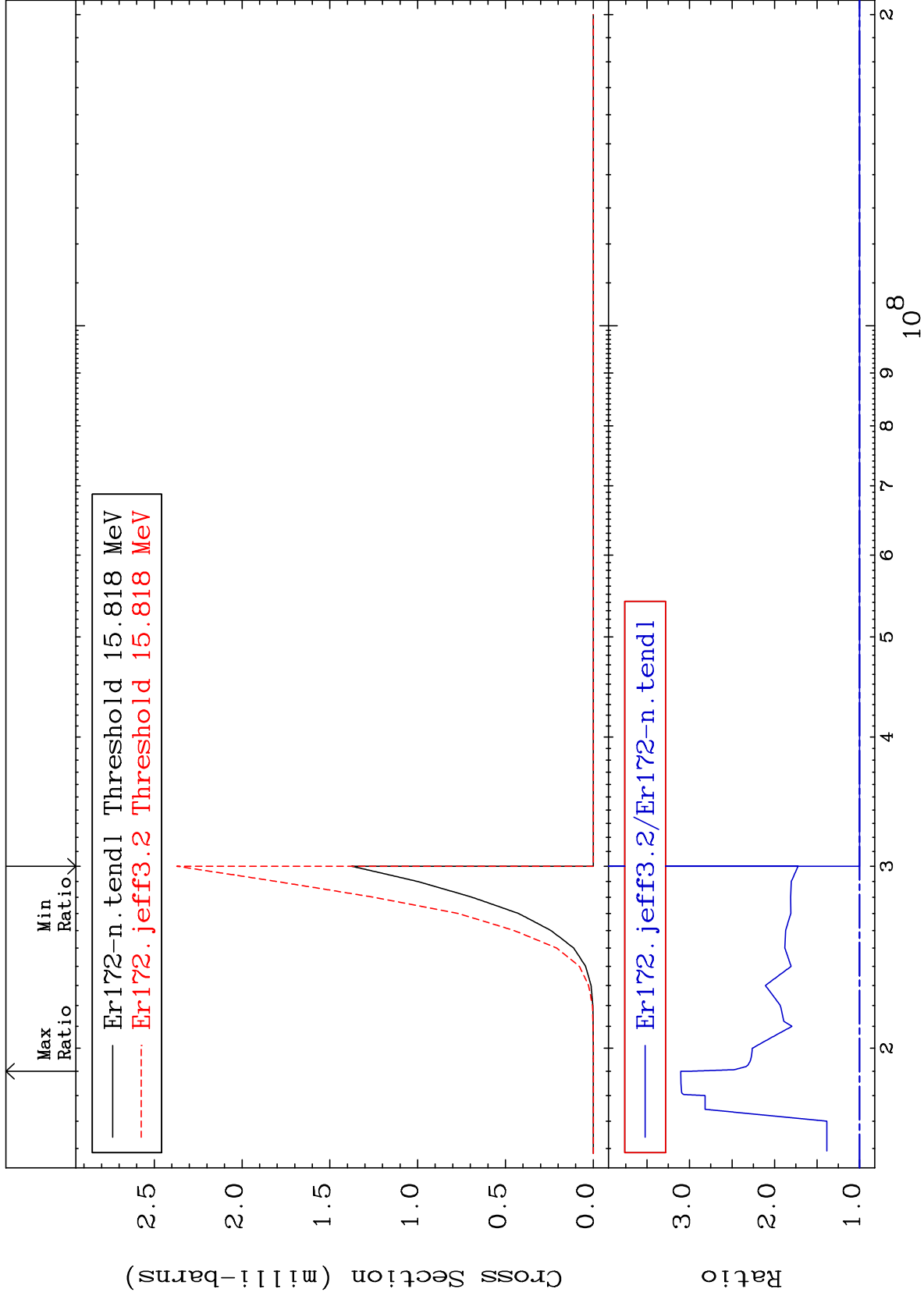
68-Er-172

MAT 6855

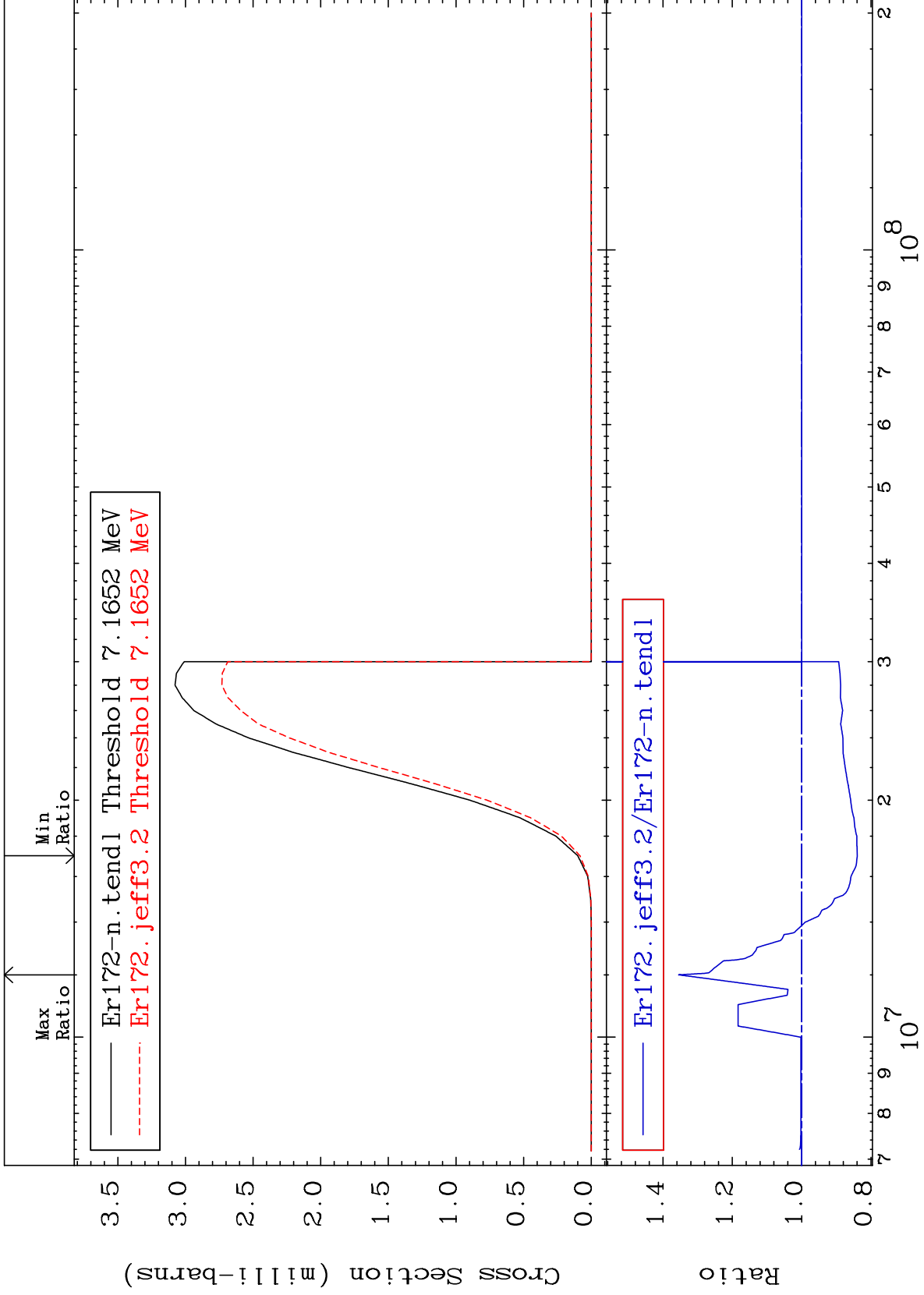
(n,2n) p:67-Ho-170m1

68-Er-172

Radionuclide Production Cross Section 0.000 To 210.3 %



Radionuclide Production Cross Section -16.05 To 35.50 %

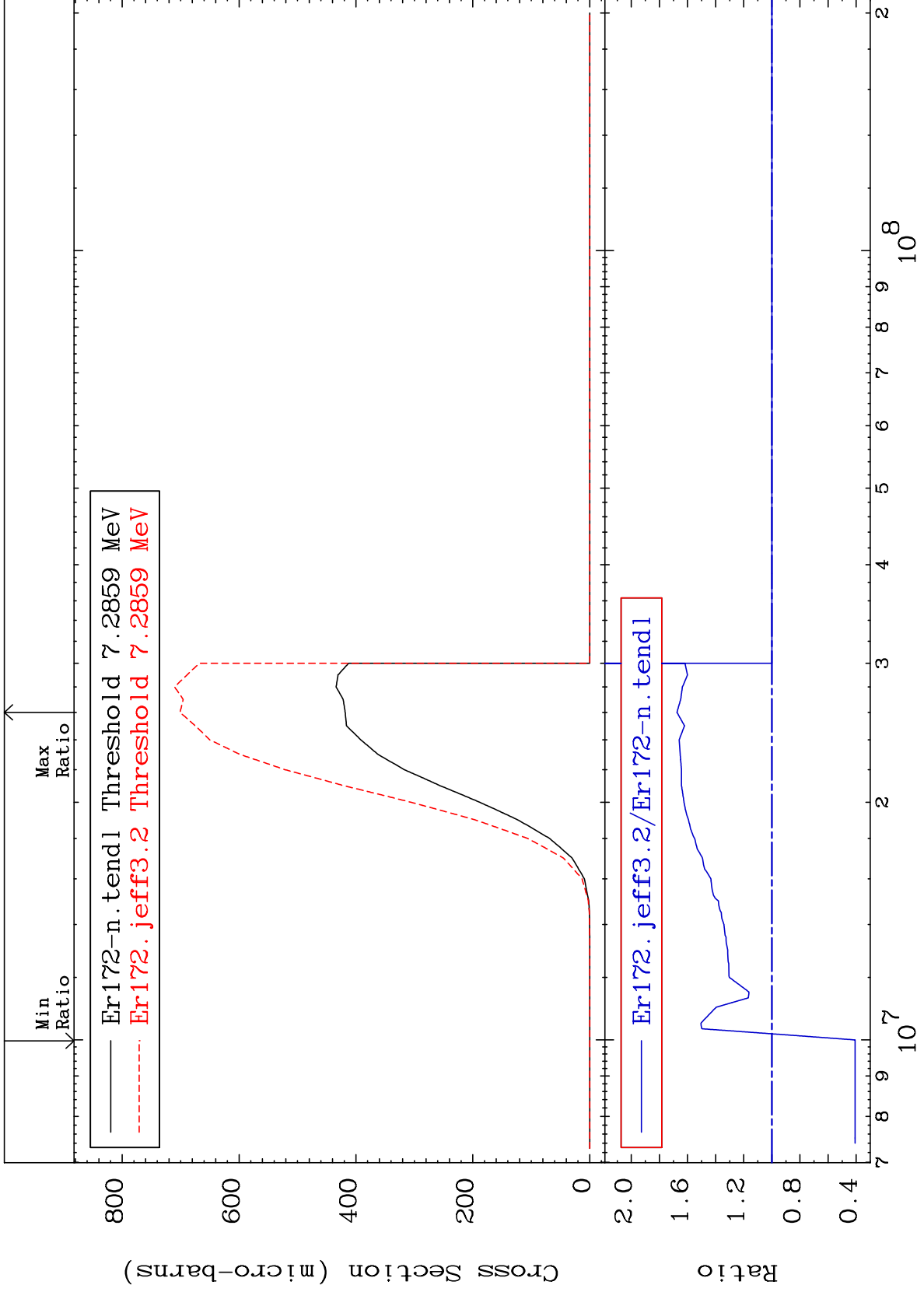


MAT 6855

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

68-Er-172

Radionuclide Production Cross Section -59.22 To 67.56 %



78

Incident Energy (eV)

68-Er-172