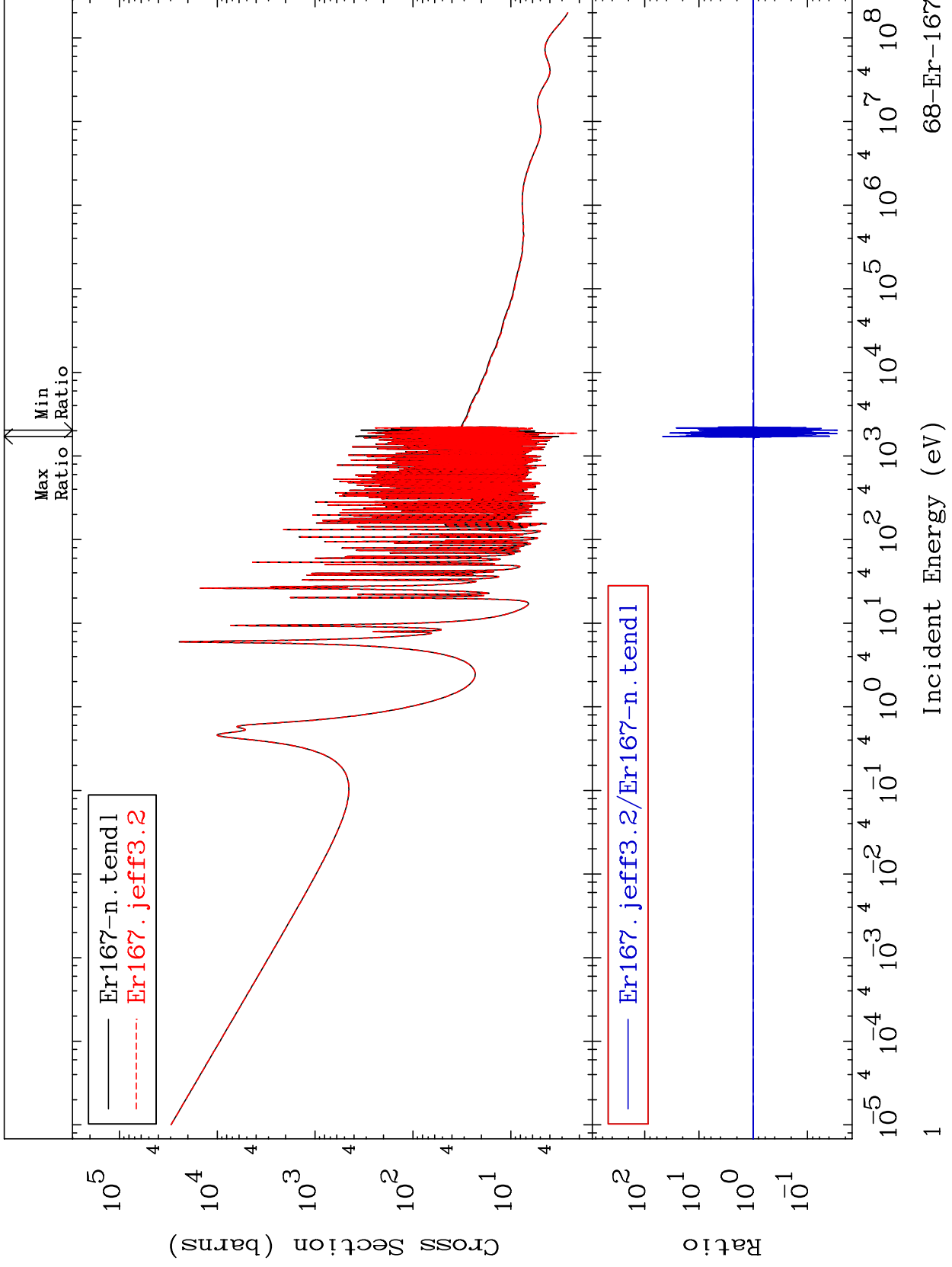


MAT 6840

Total
Cross Section

68-Er-167
-97.18 To 4543. %



Incident Energy (eV)

68-Er-167

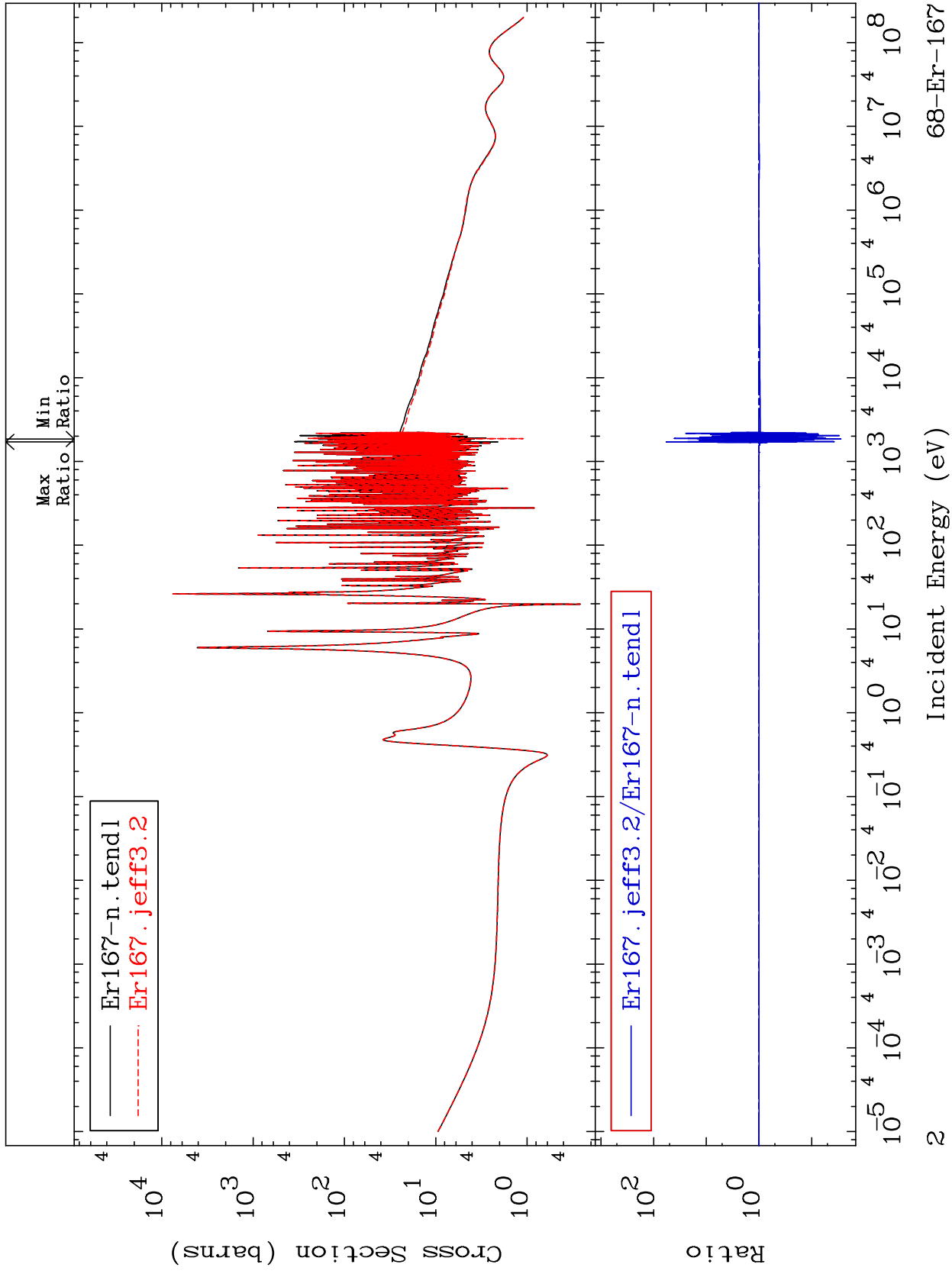
MAT 6840

Elastic

68-Er-167

Cross Section

-97.21 To 5735. %



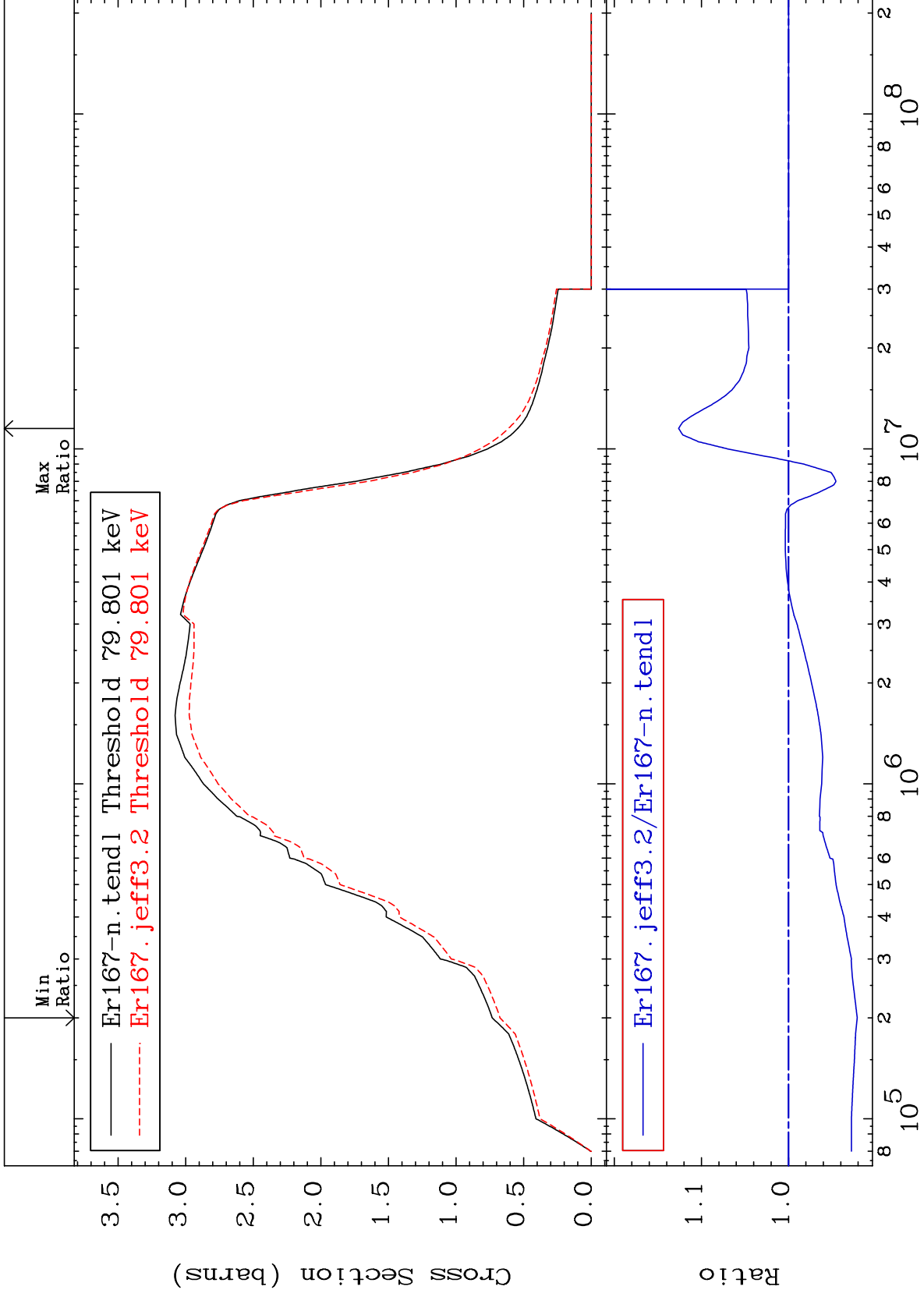
Incident Energy (eV)

68-Er-167

MAT 6840

Inelastic
Cross Section

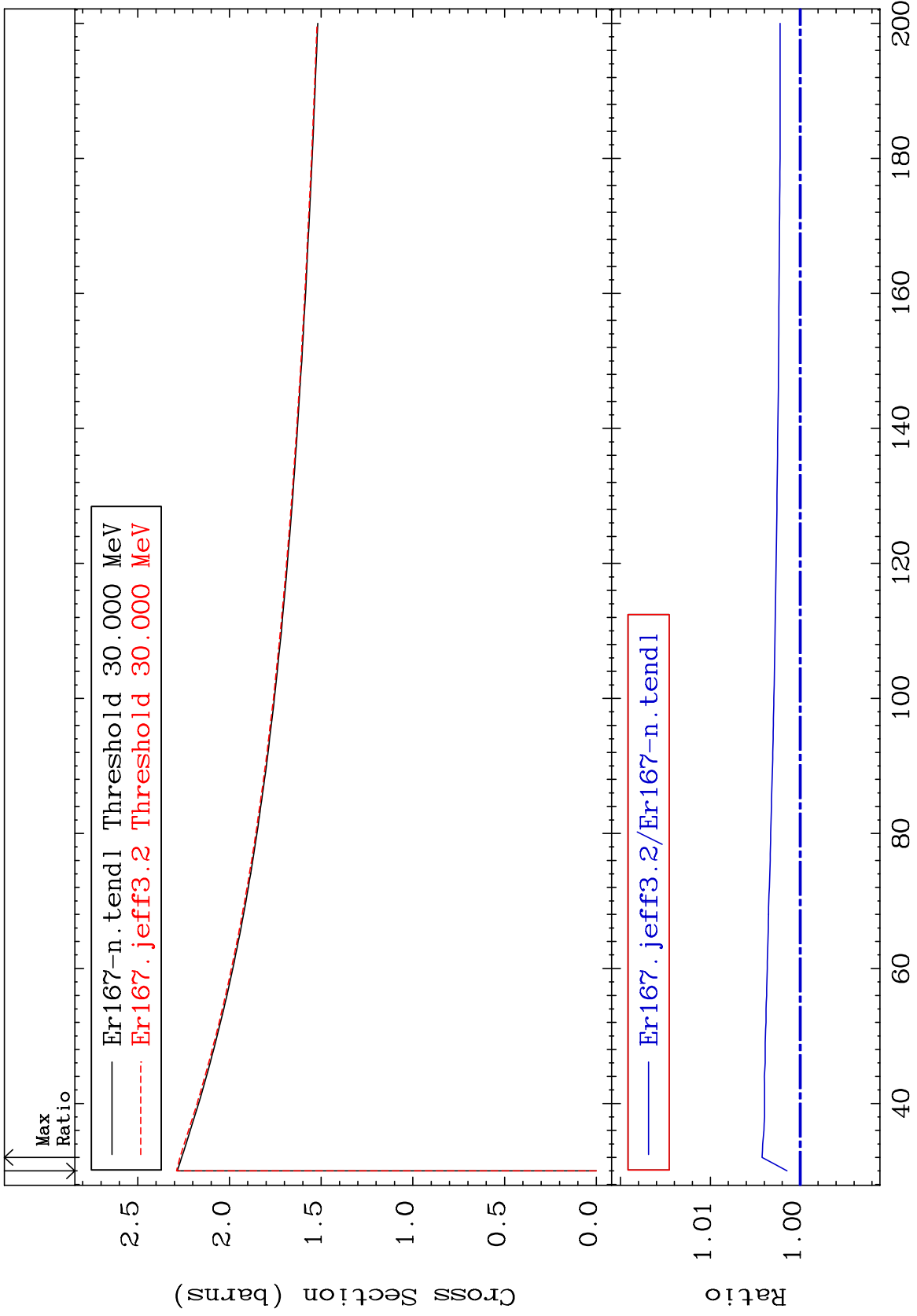
68-Er-167
-7.893 To 12.62 %

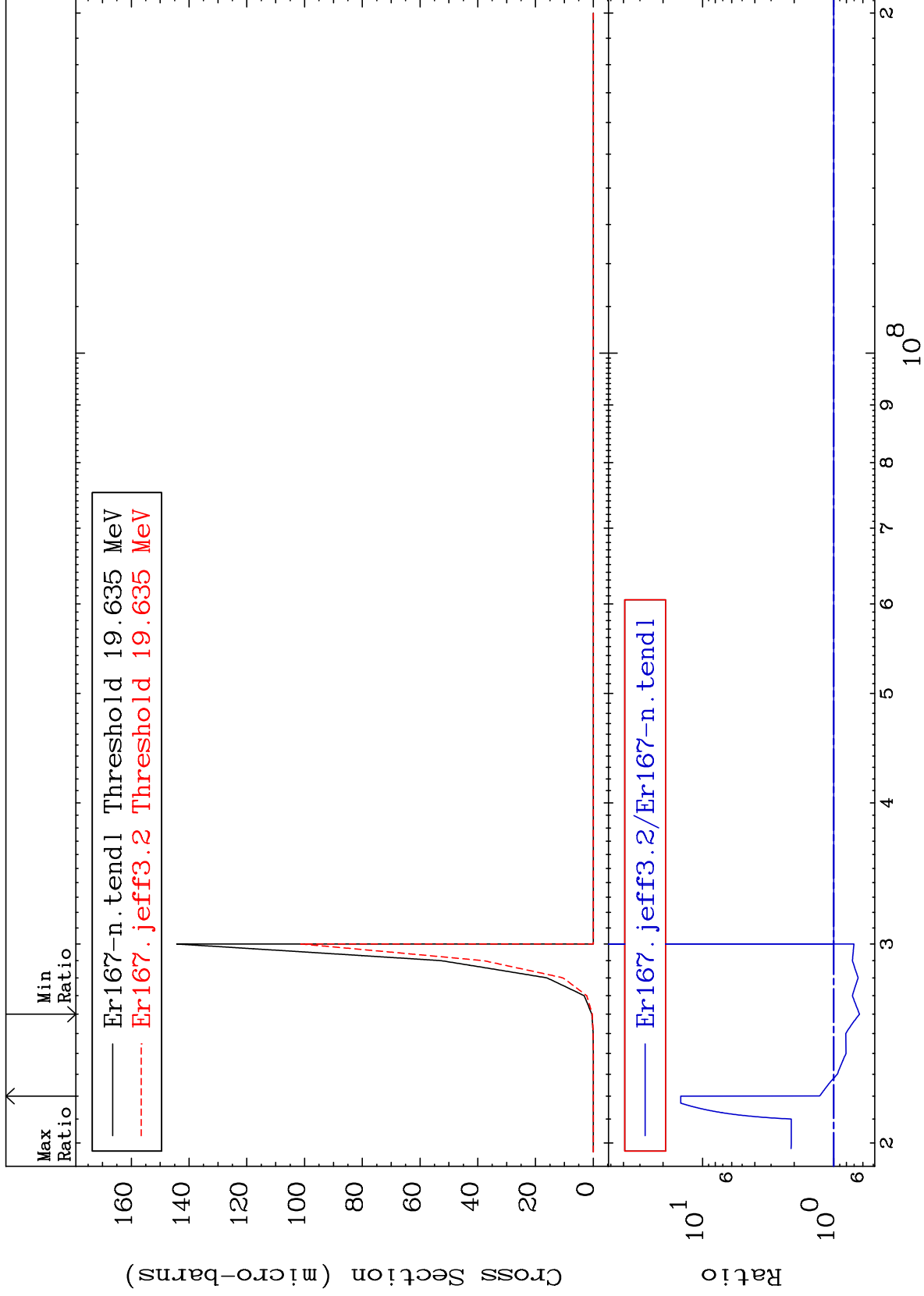


MAT 6840

(n, remainder)
Cross Section

68-Er-167
0.146 To 0.425 %

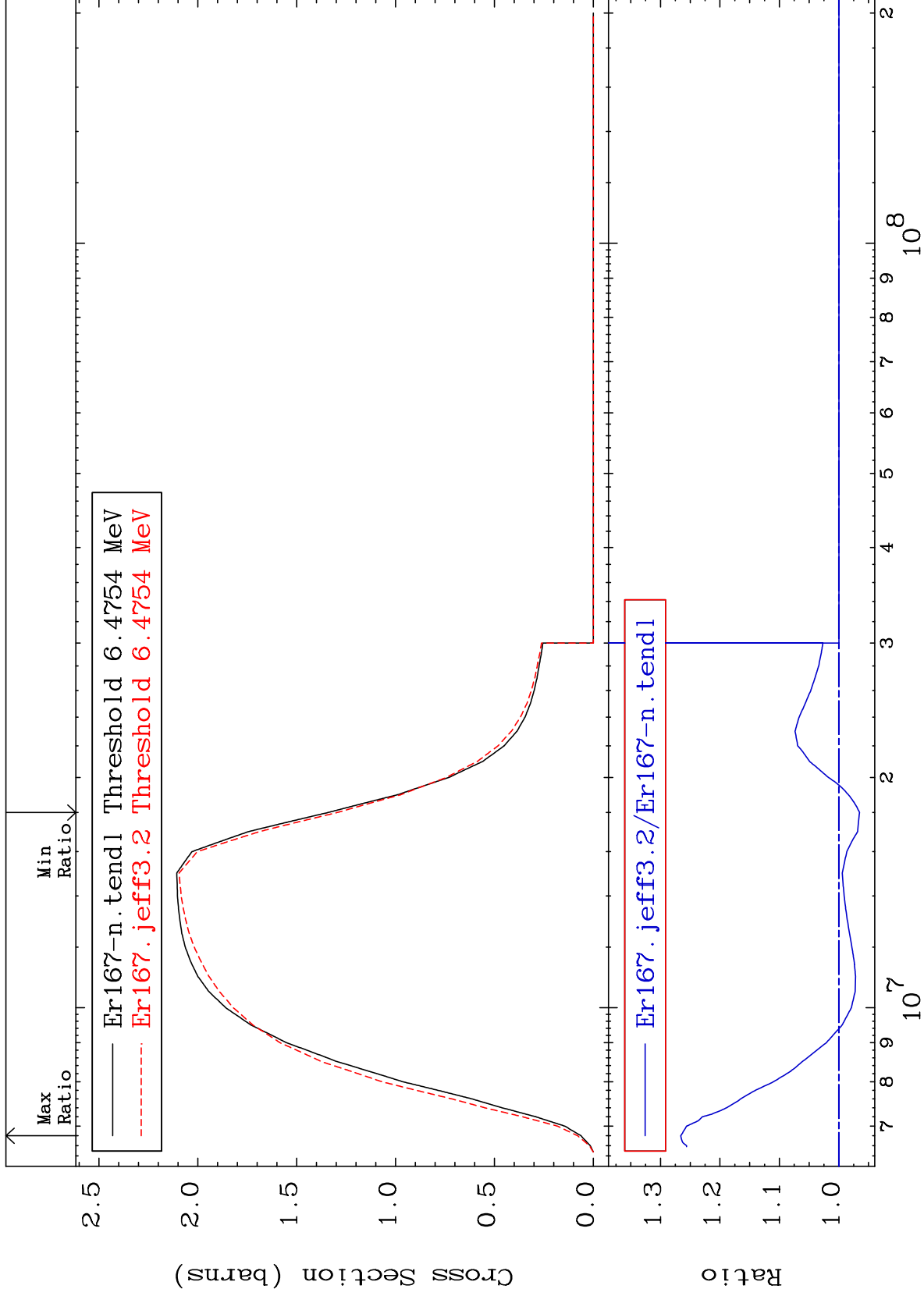


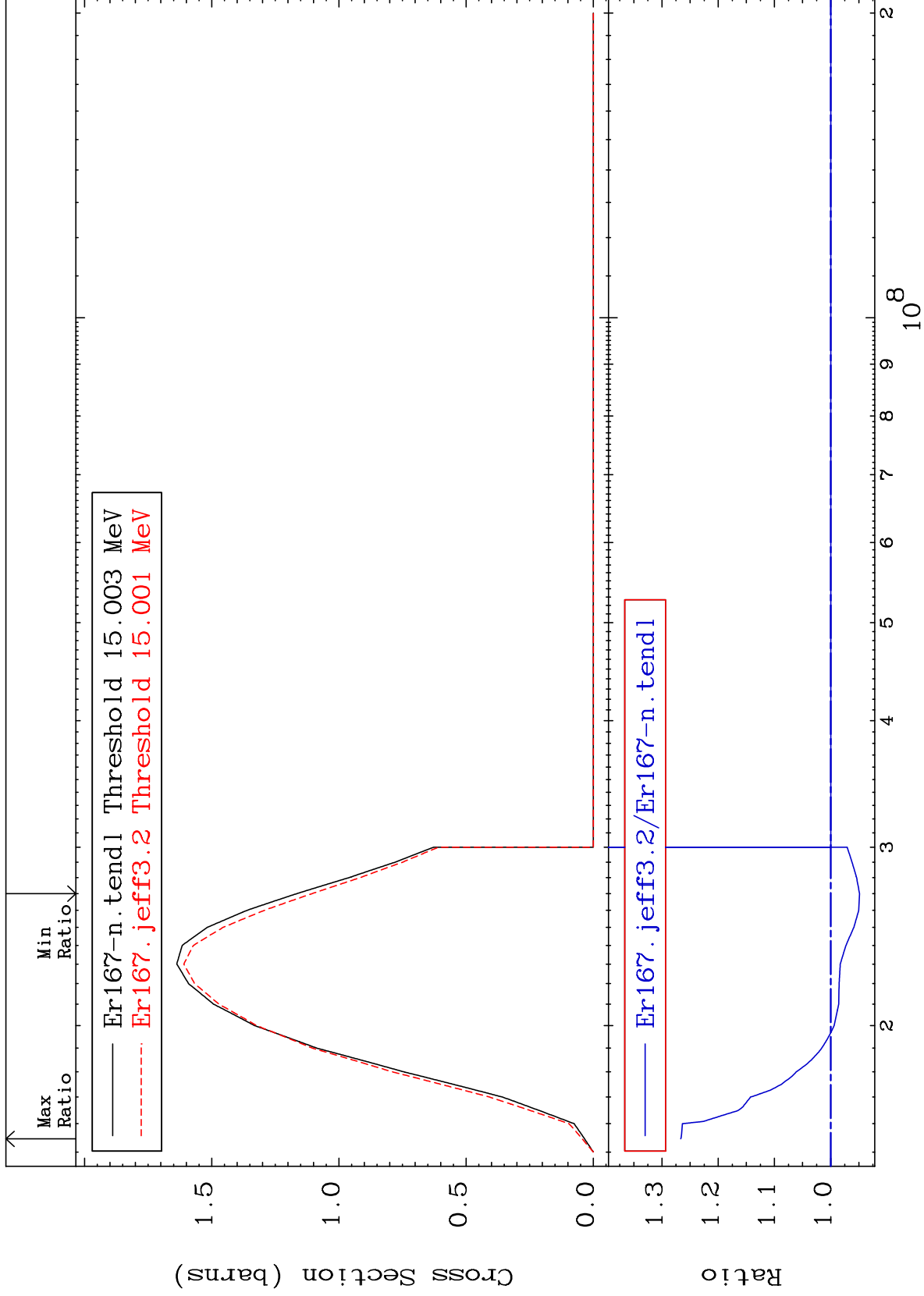


MAT 6840

(n,2n)
Cross Section

68-Er-167
-3.482 To 26.59 %

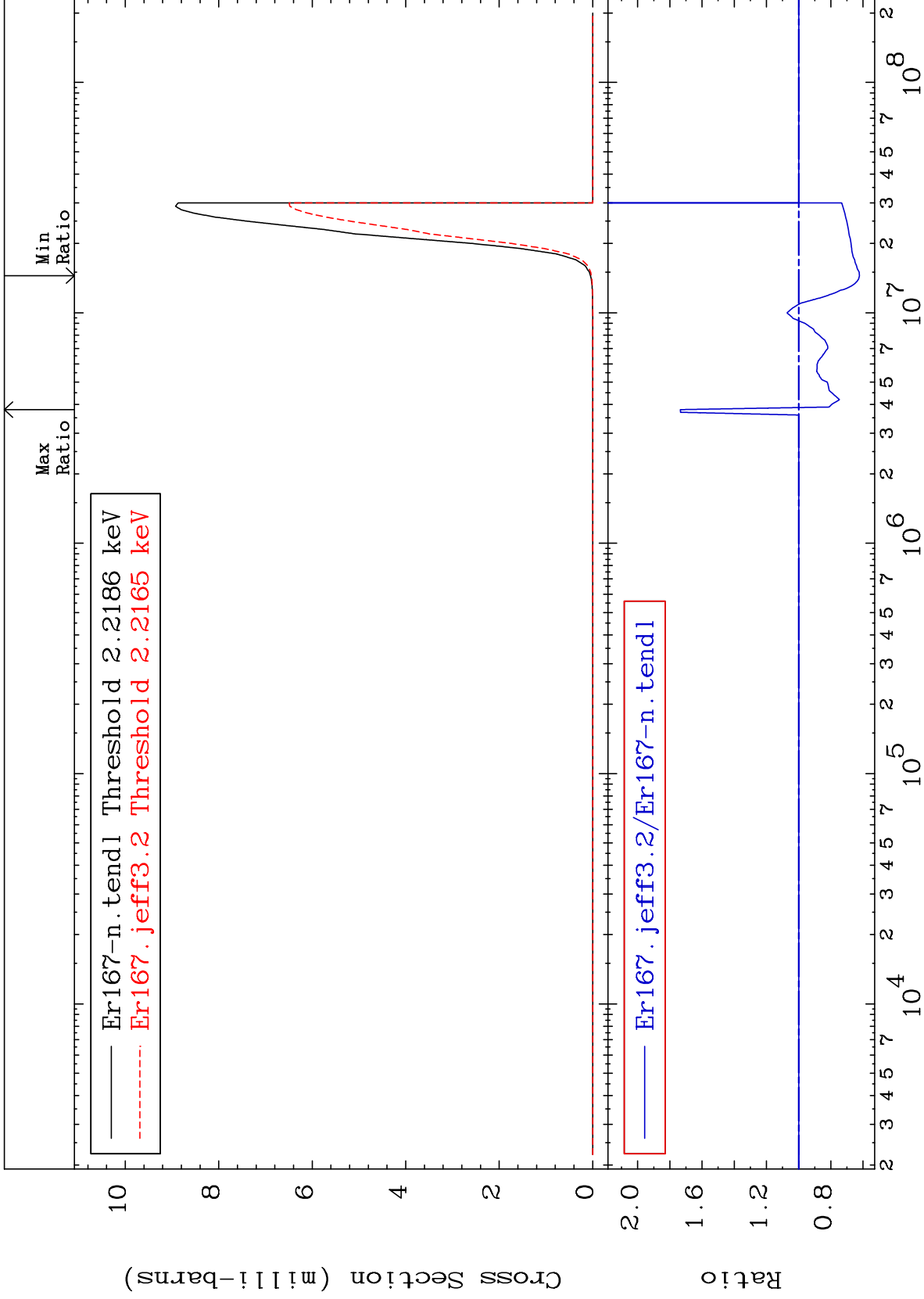




MAT 6840

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

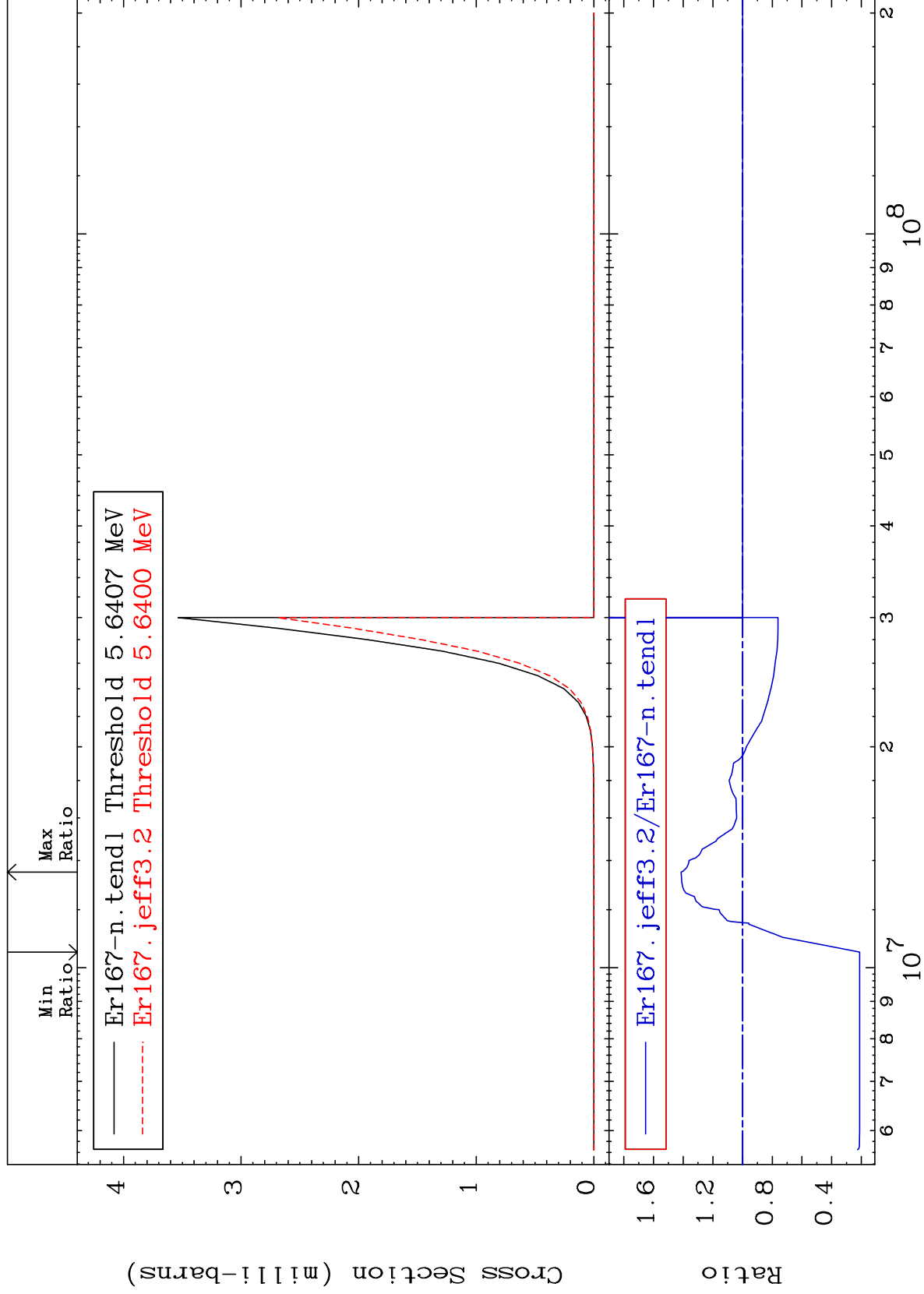
68-Er-167
-37.76 To 73.48 %



MAT 6840

(n,2n) α
Cross Section

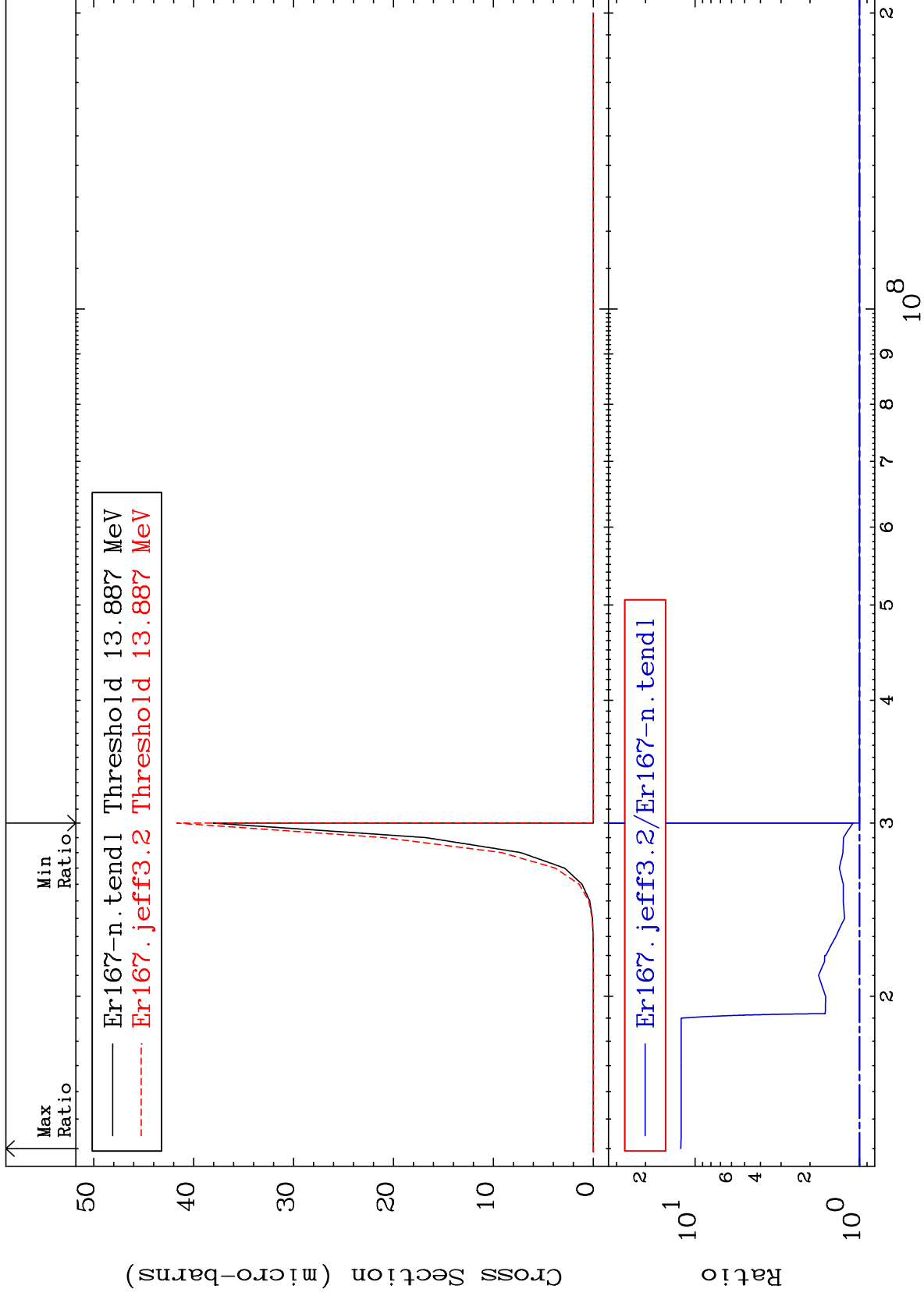
68-Er-167
-78.88 To 41.37 %



MAT 6840

(n,3n) α
Cross Section

68-Er-167
To 1121. %
0.000



10

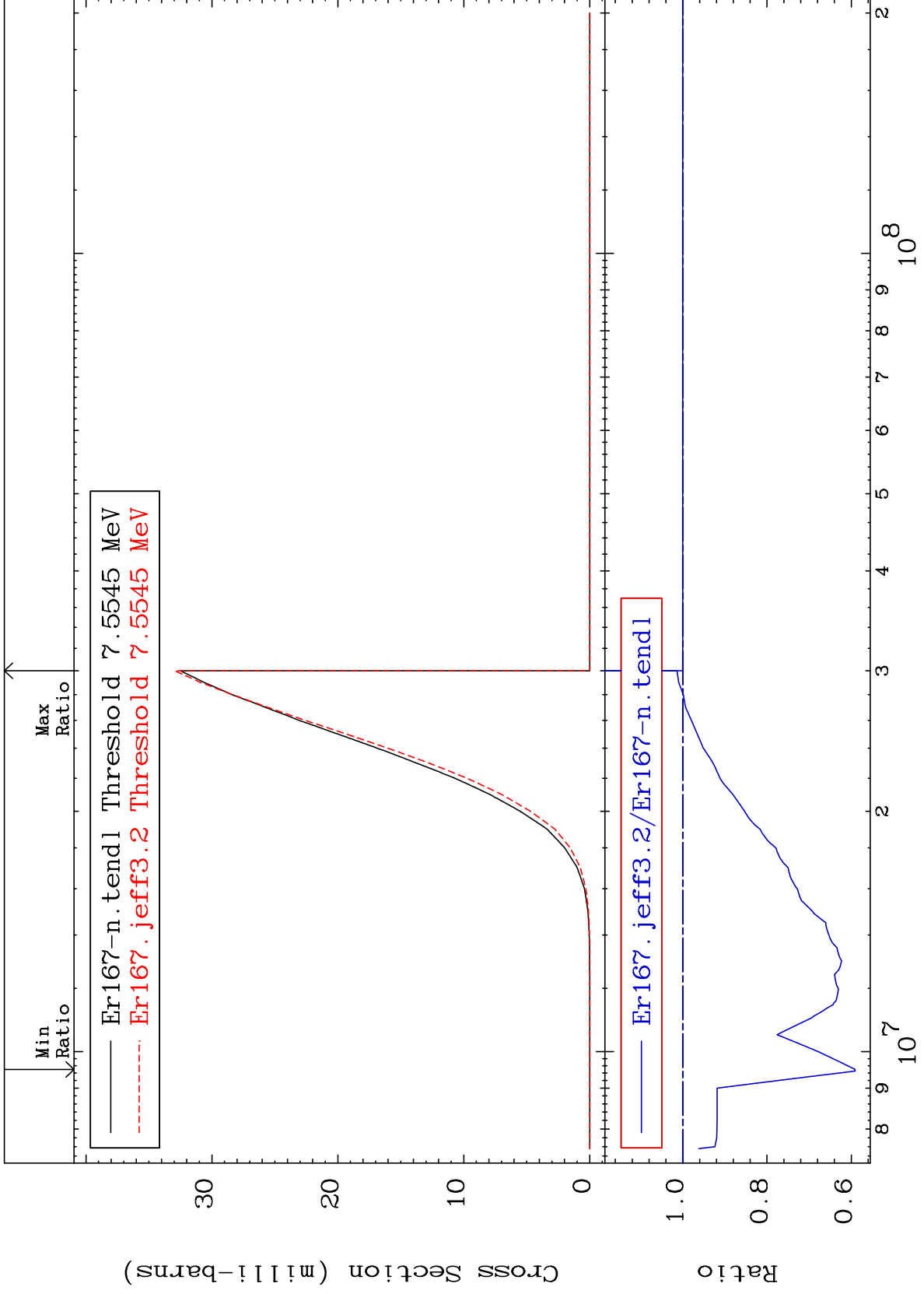
Incident Energy (eV)

68-Er-167

MAT 6840

(n, n') p
Cross Section

68-Er-167
-40.91 To 1.387 %



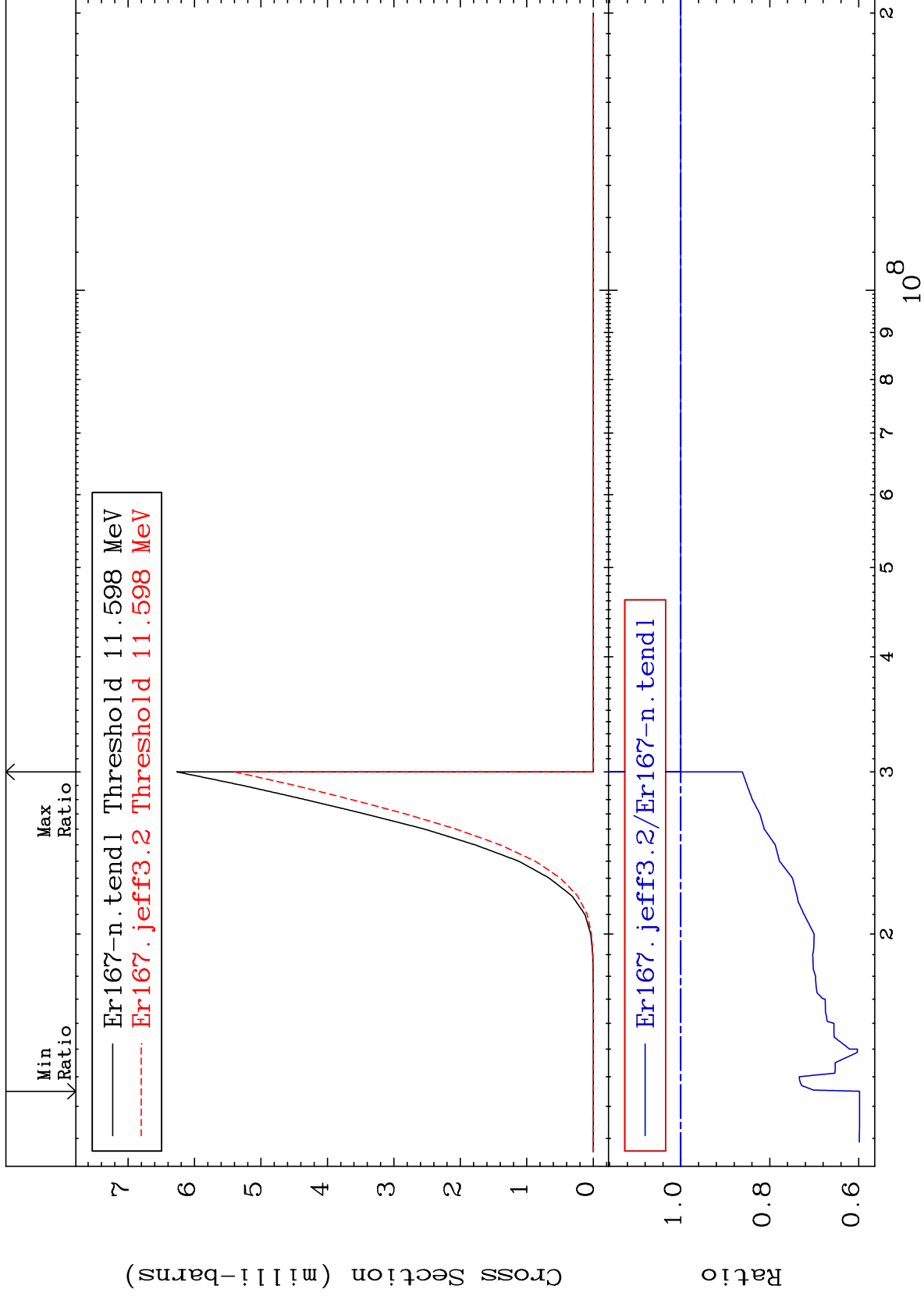
MAT 6840

(n, n') d

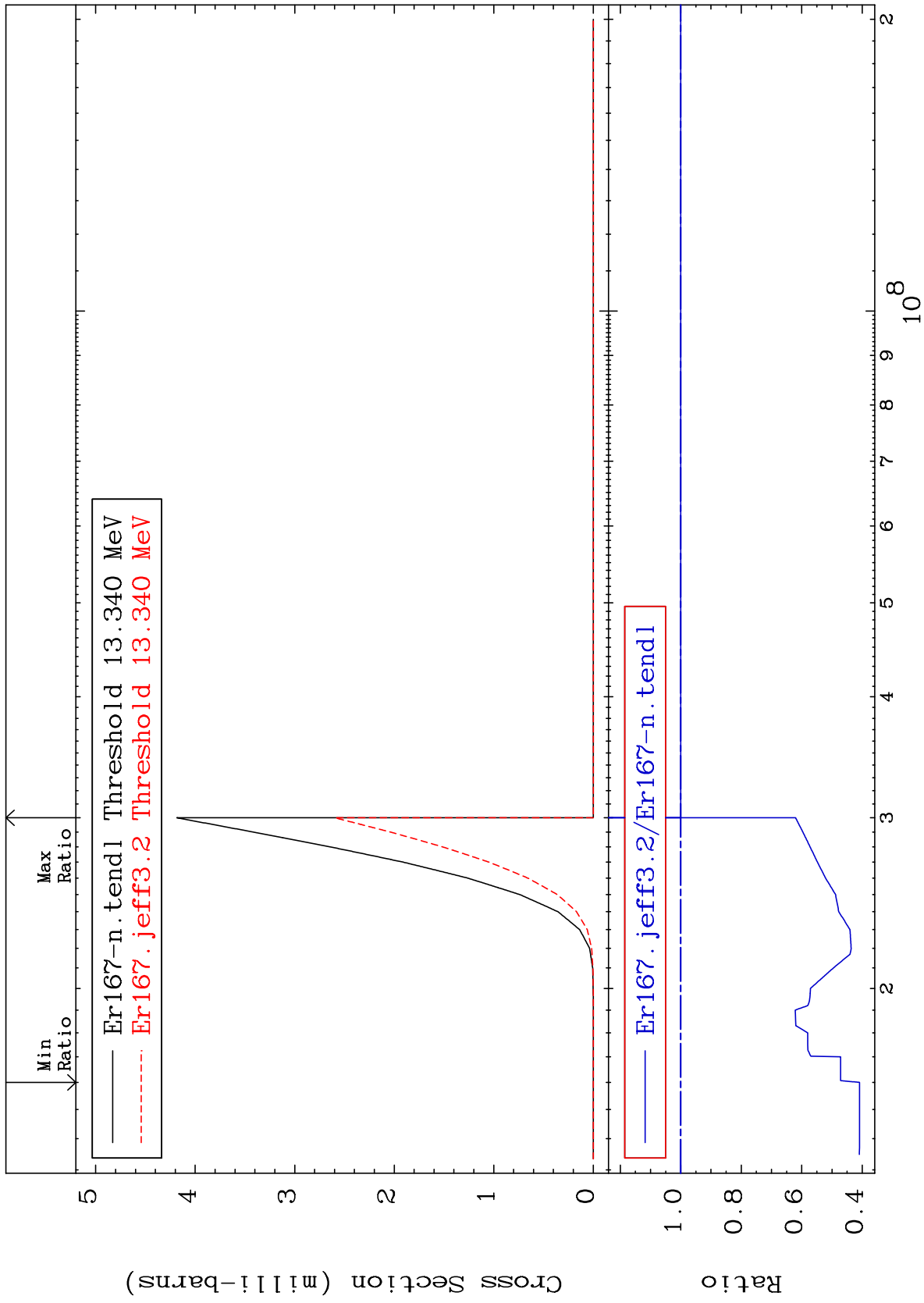
68-Er-167

Cross Section

-40.18 To 0.000 %



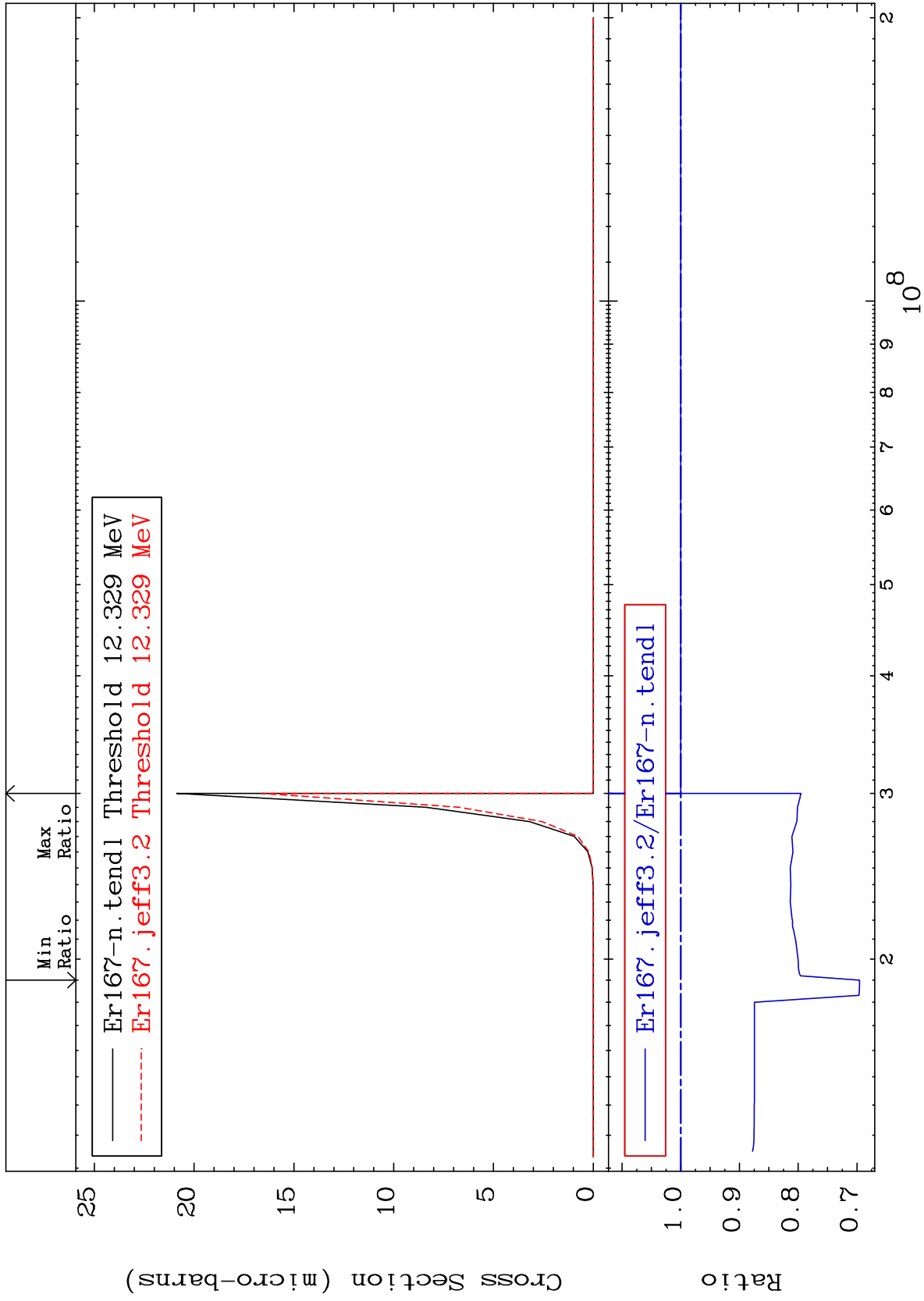
MAT 6840 (n, n') t 68-Er-167
 Cross Section -59.12 To 0.000 %



MAT 6840

(n, n') He-3
Cross Section

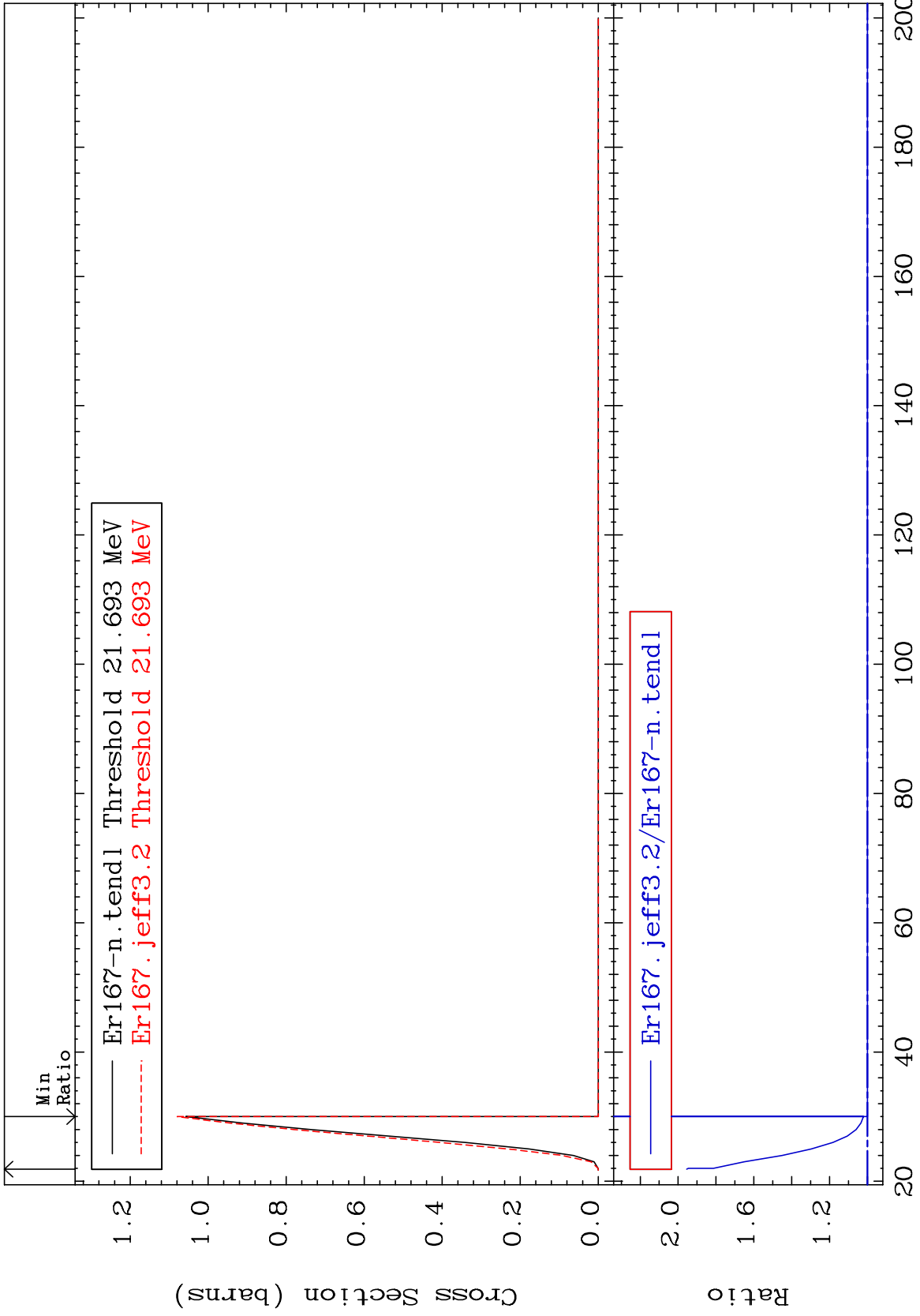
68-Er-167
-30.44 To 0.000 %



MAT 6840

(n,4n)
Cross Section

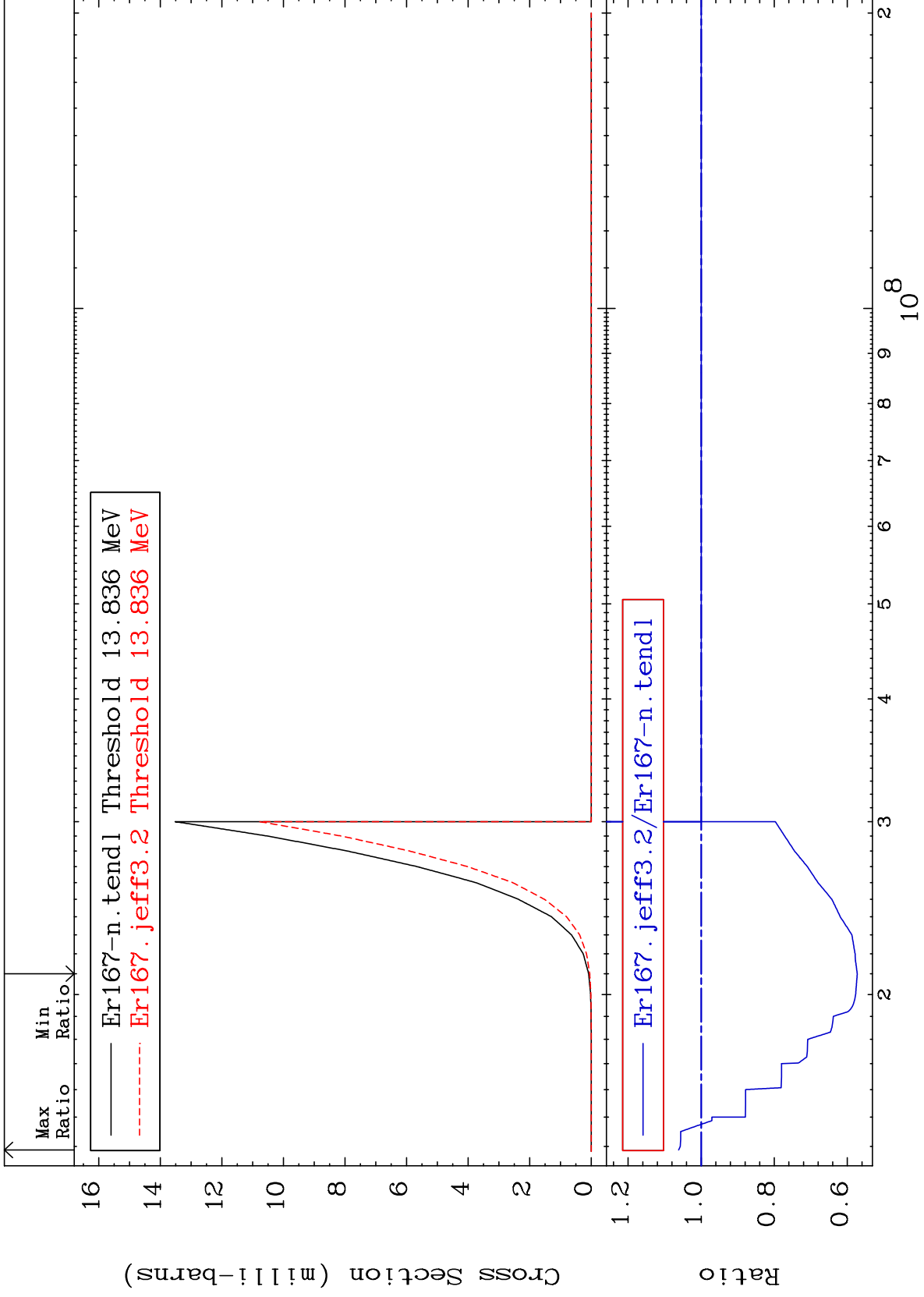
68-Er-167
0.000 To 95.47 %



MAT 6840

(n,2n) p
Cross Section

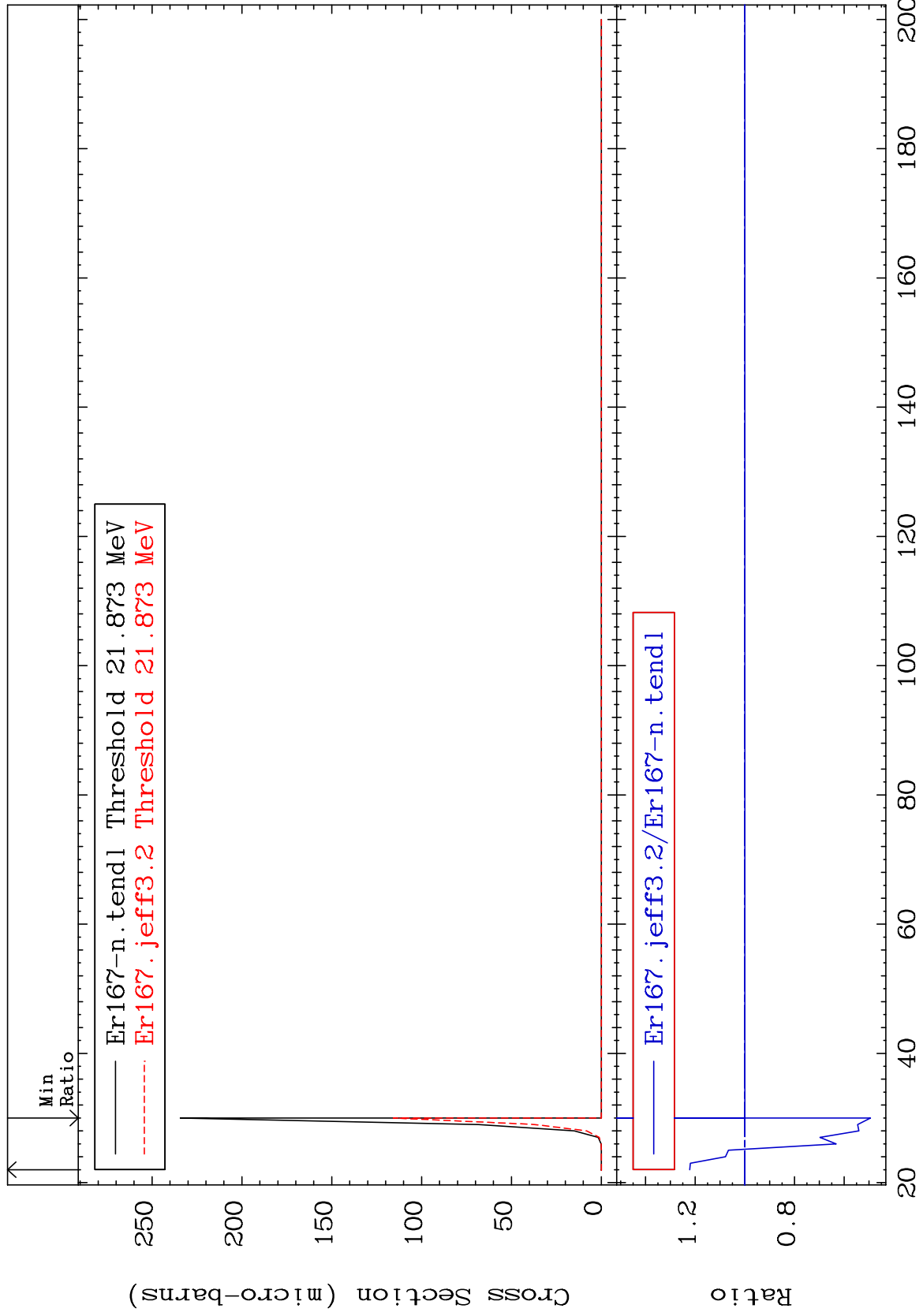
68-Er-167
-42.71 To 6.174 %



MAT 6840

(n,3n) p
Cross Section

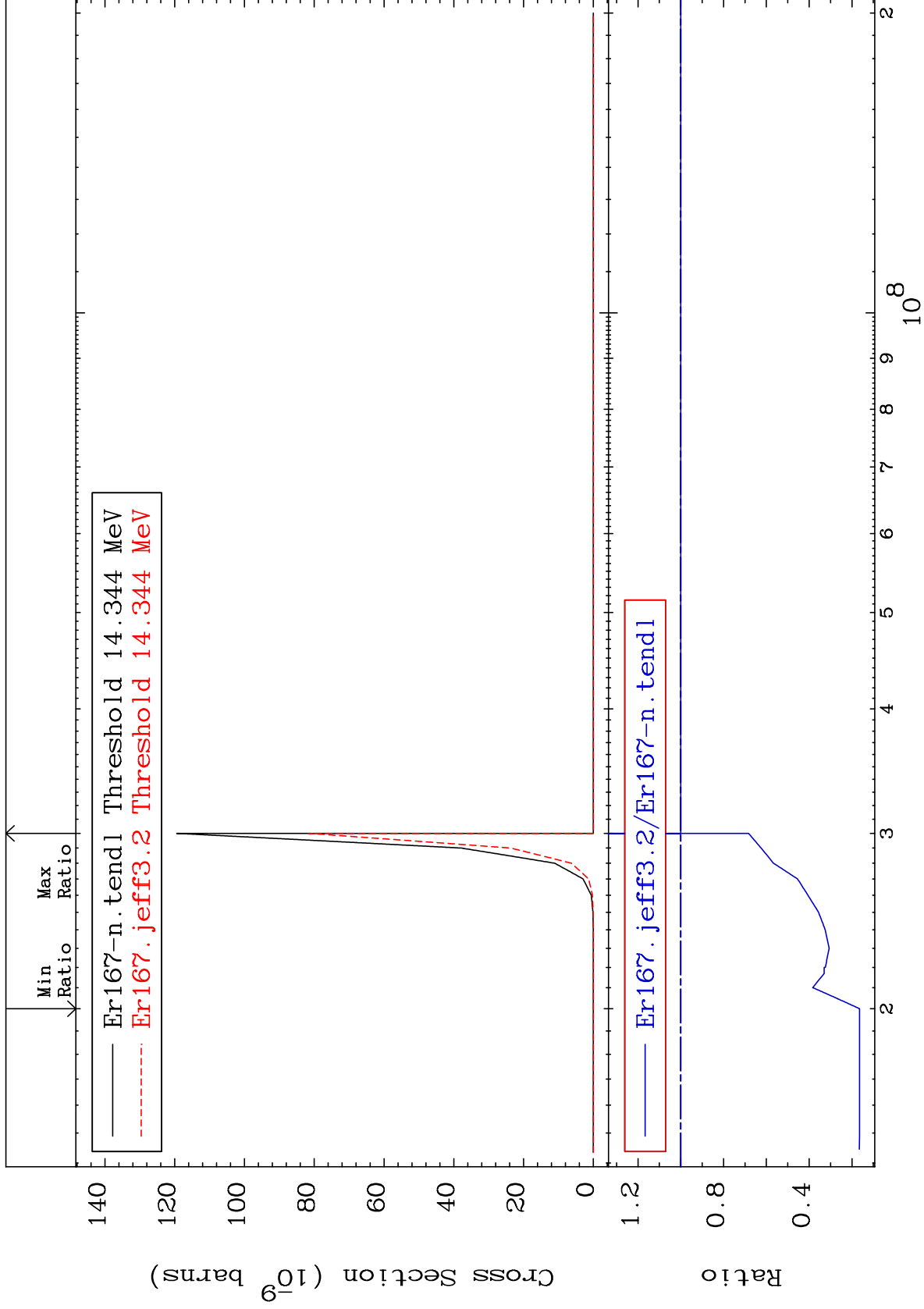
68-Er-167
-50.62 To 22.17 %



MAT 6840

(n,2n) p
Cross Section

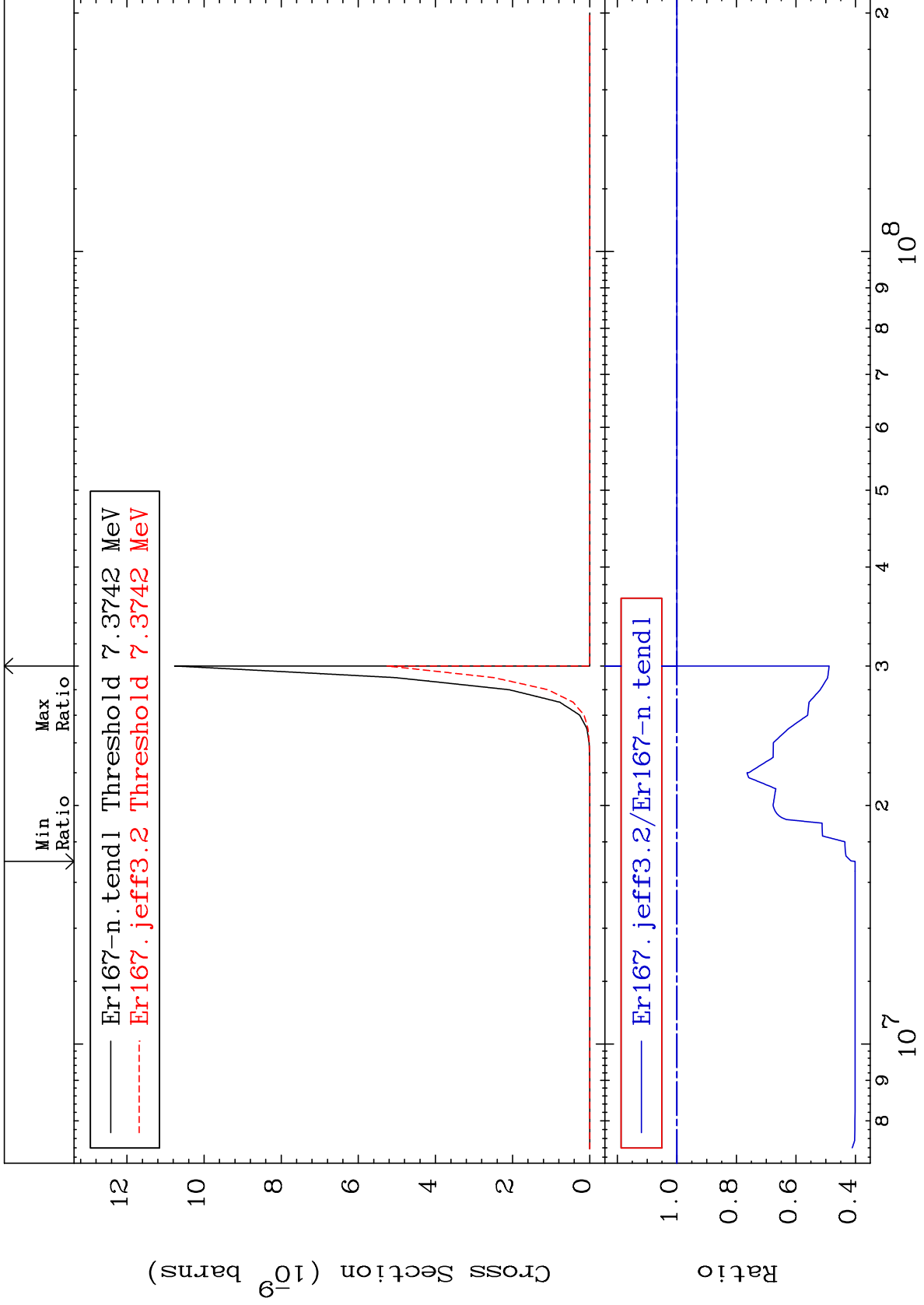
68-Er-167
-83.54 To 0.000 %



MAT 6840

(n,n') p α
Cross Section

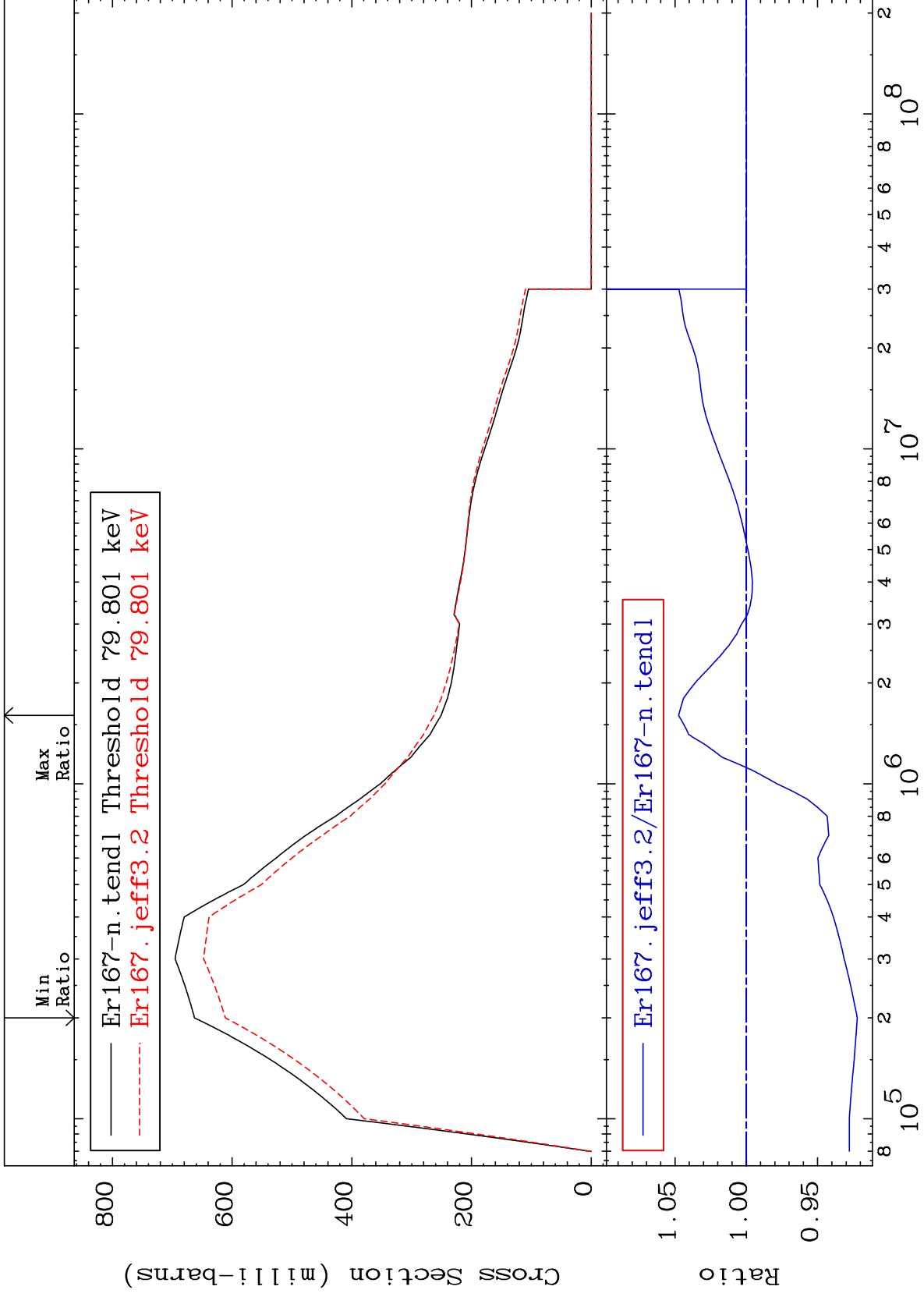
68-Er-167
-59.84 To 0.000 %



MAT 6840

79.32 keV (n,n') Level
Cross Section

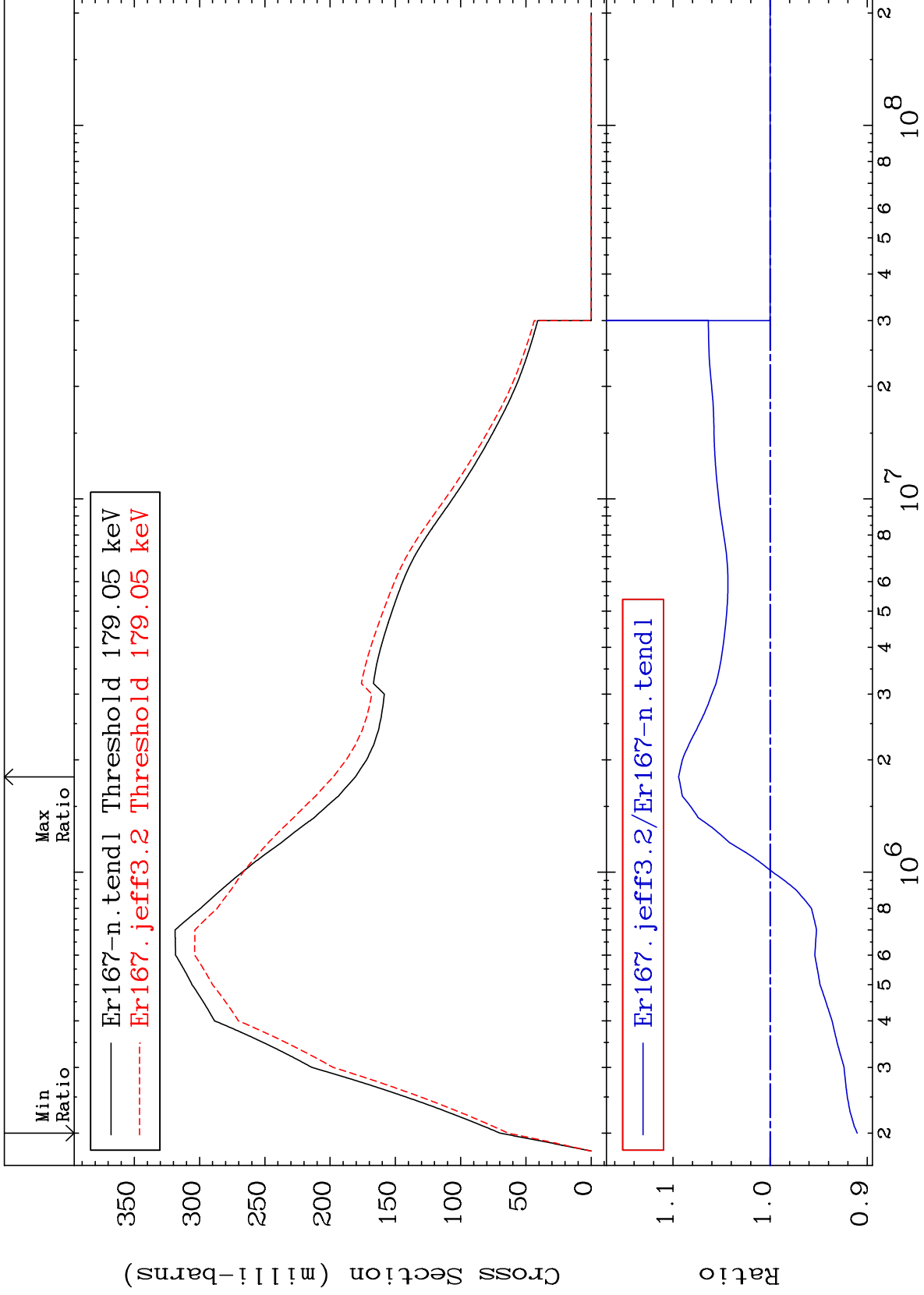
68-Er-167
-7.780 To 4.746 %



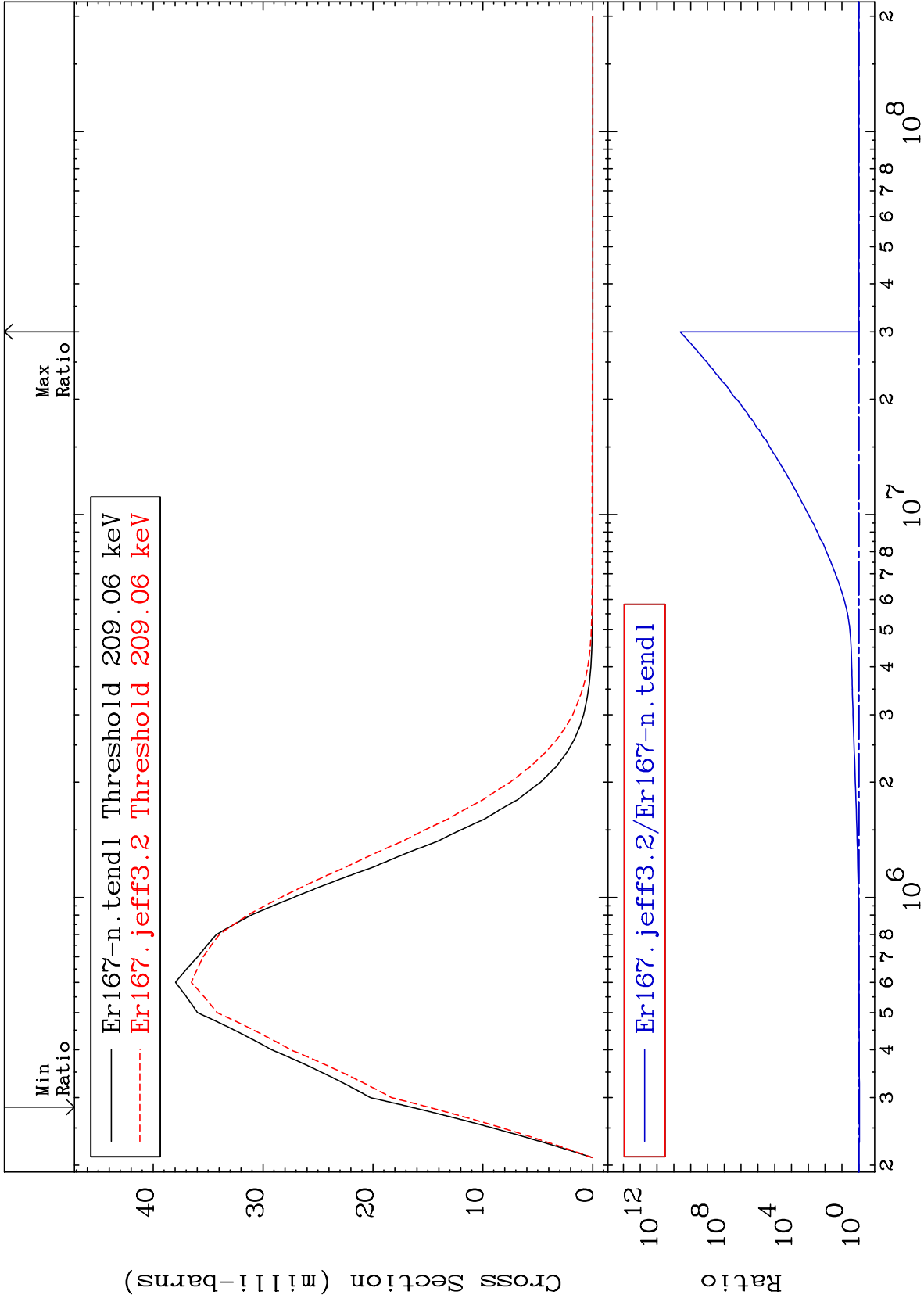
MAT 6840

178.0 keV (n,n') Level
Cross Section

68-Er-167
-8.963 To 9.421 %



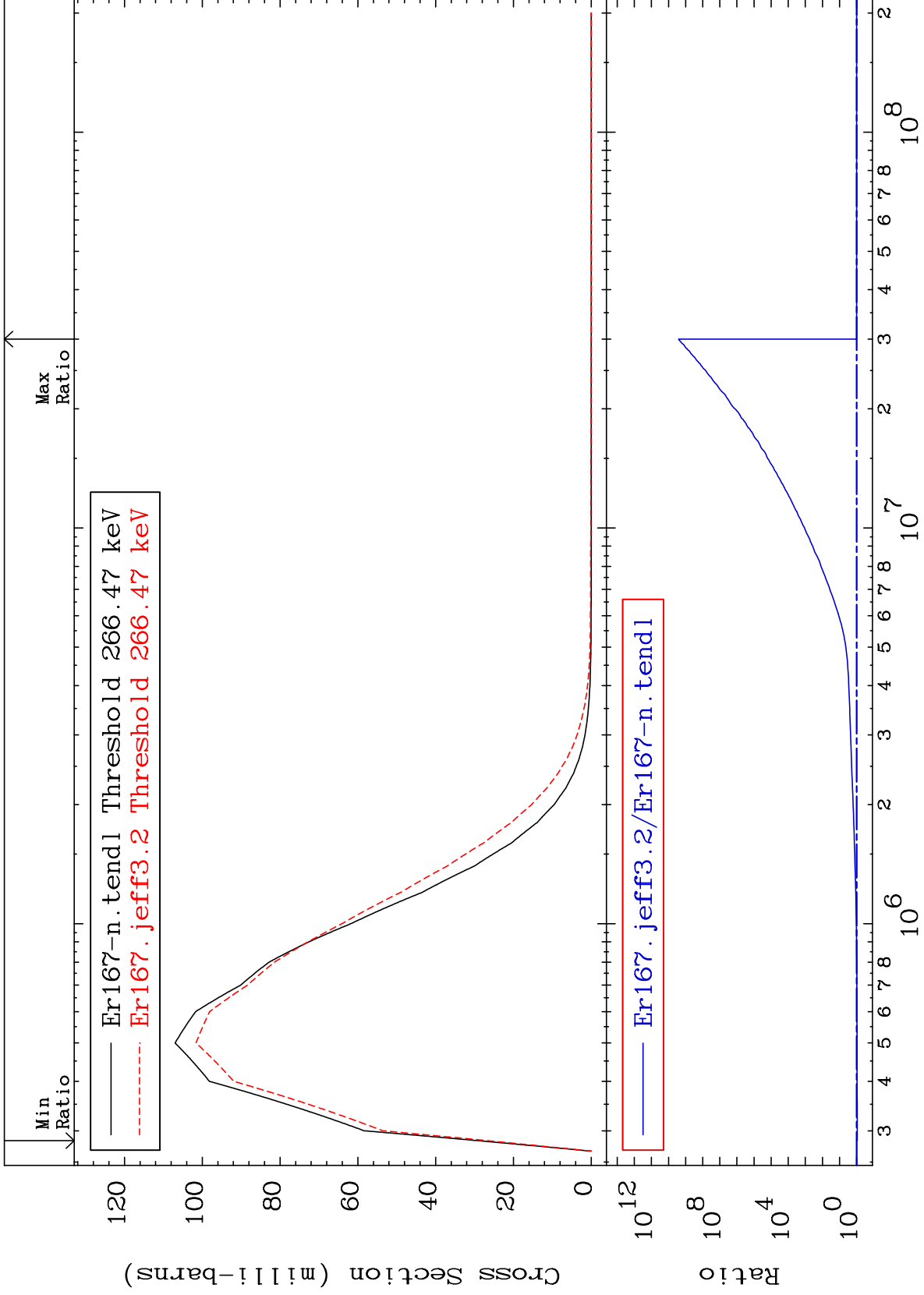
MAT 6840 207.8 keV (n,n') Level 68-Er-167
 Cross Section -9.494 To 9999. %



MAT 6840

264.9 keV (n,n') Level
Cross Section

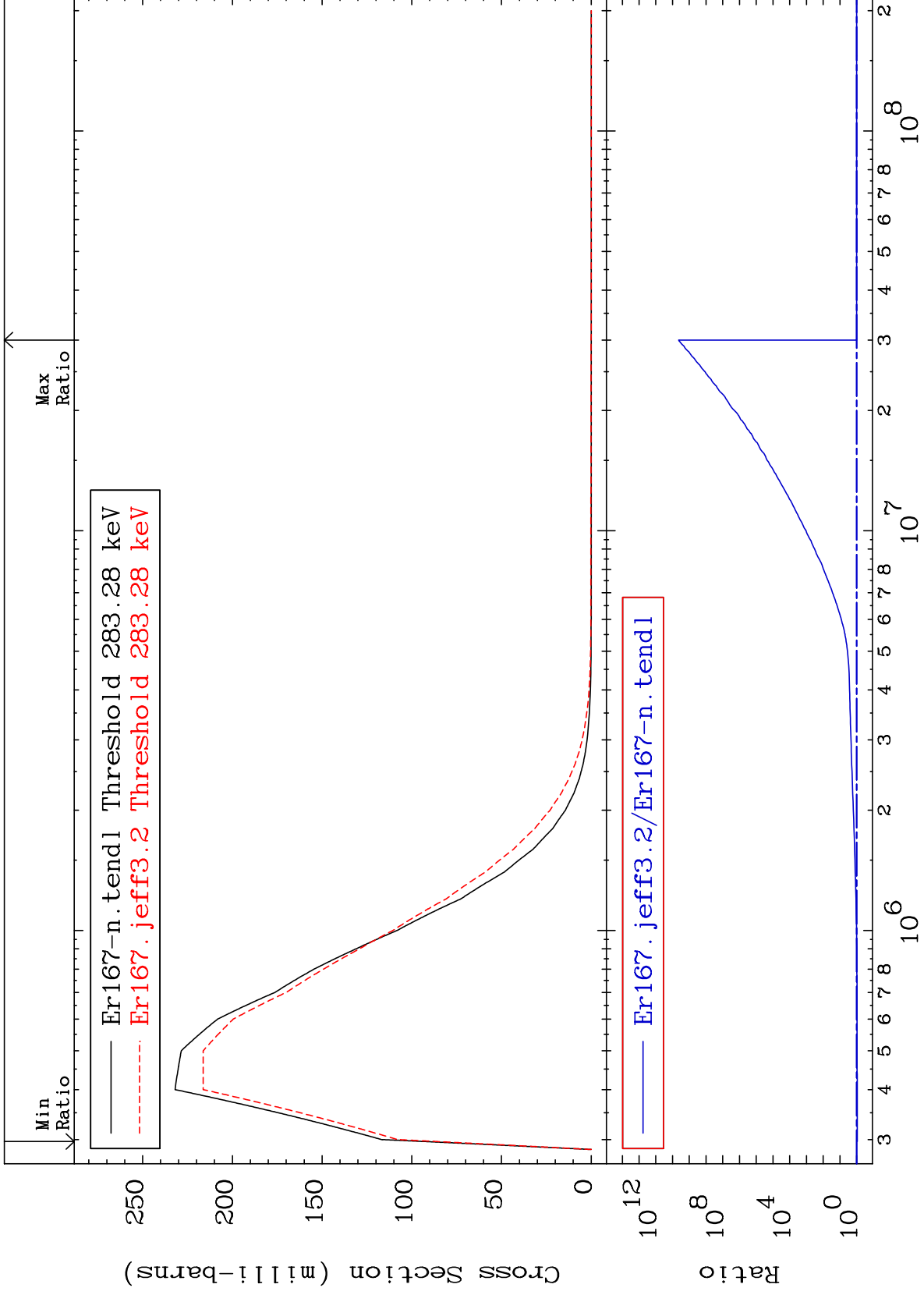
68-Er-167
-8.250 To 9999. %



MAT 6840

281.6 keV (n,n') Level
Cross Section

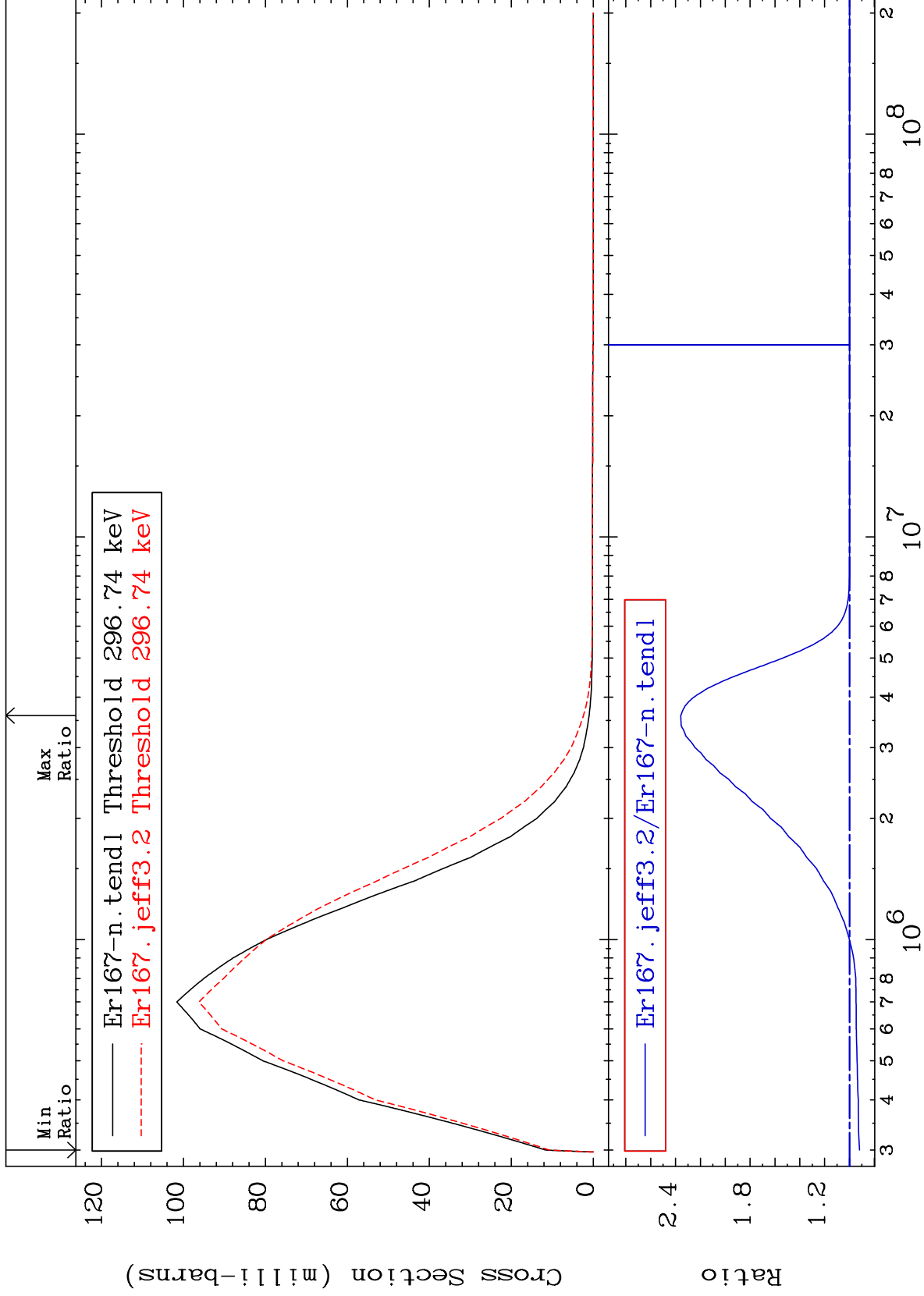
68-Er-167
-7.557 To 9999. %



MAT 6840

295.0 keV (n,n') Level
Cross Section

68-Er-167
-8.086 To 135.8 %



25

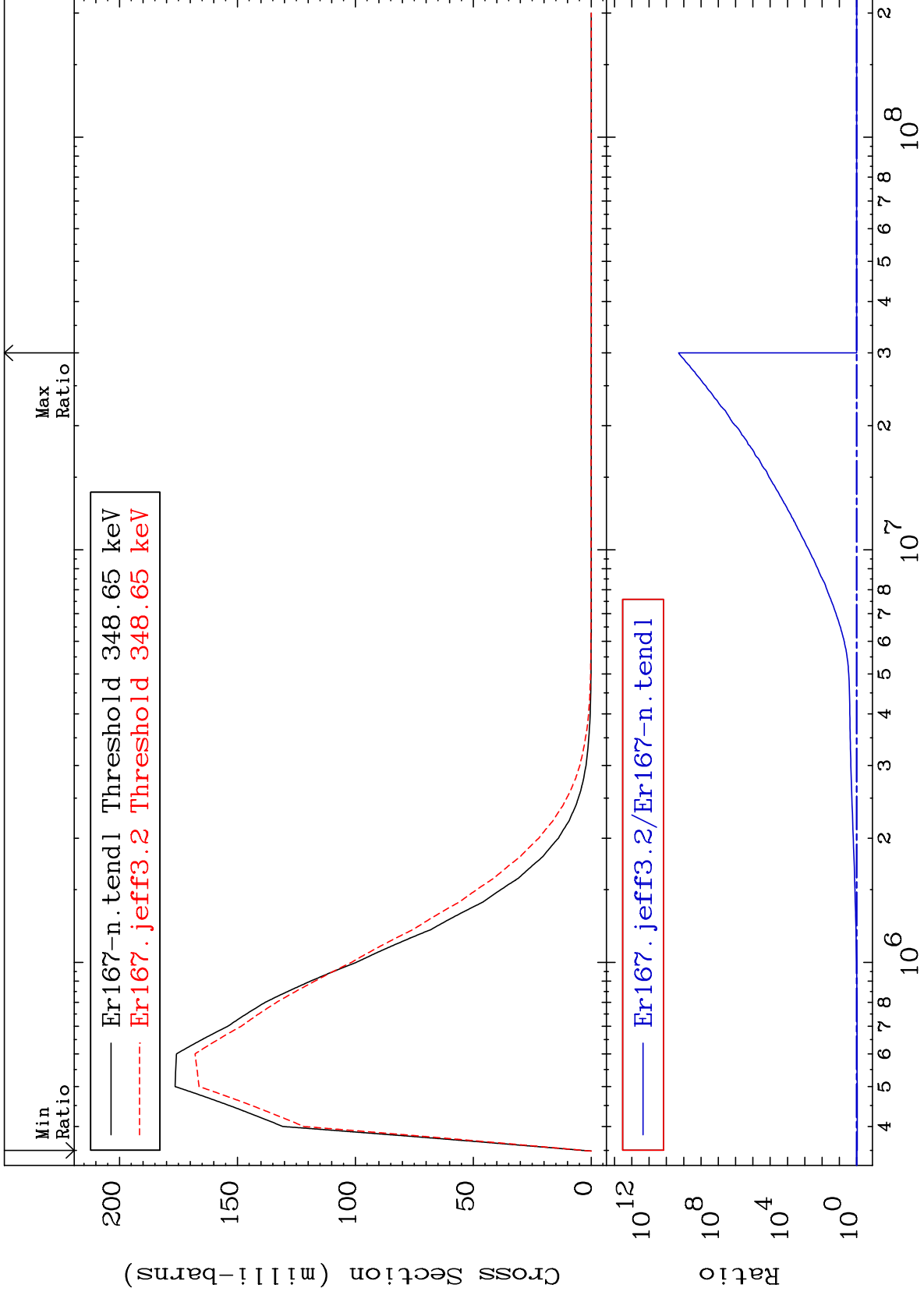
Incident Energy (eV)

68-Er-167

MAT 6840

346.6 keV (n,n') Level
Cross Section

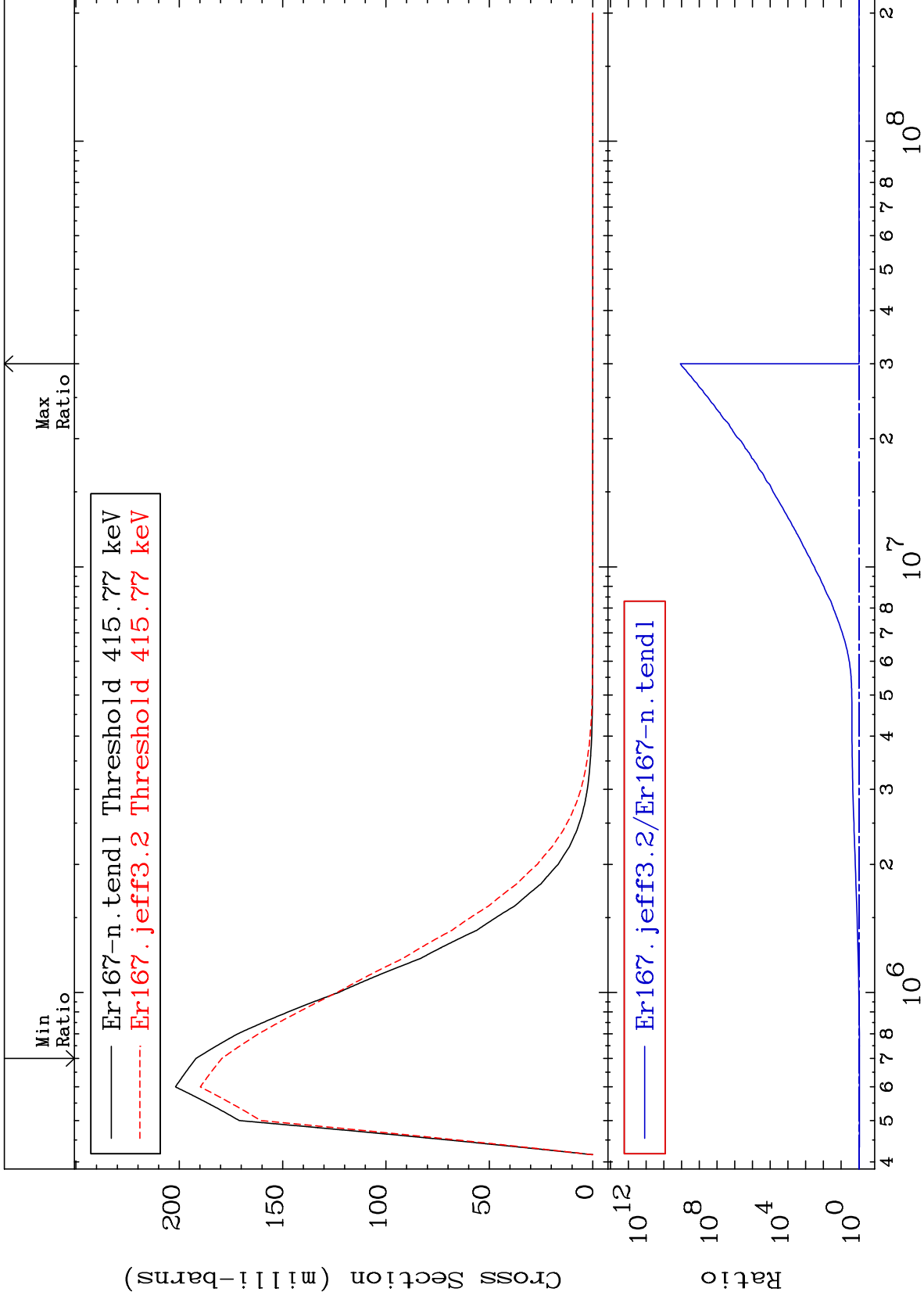
68-Er-167
-6.805 To 9999. %



MAT 6840

413.3 keV (n,n') Level
Cross Section

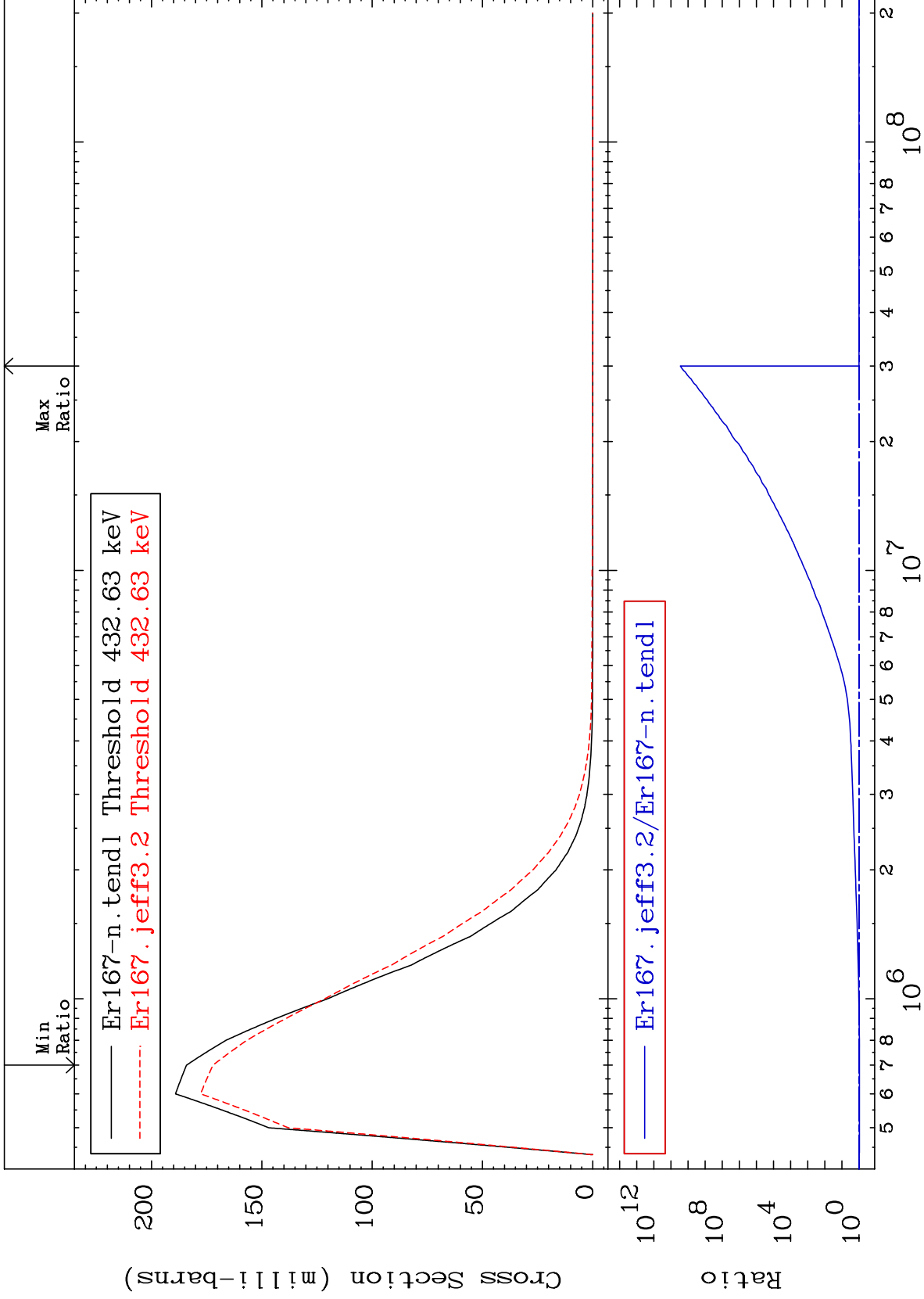
68-Er-167
-6.520 To 9999. %

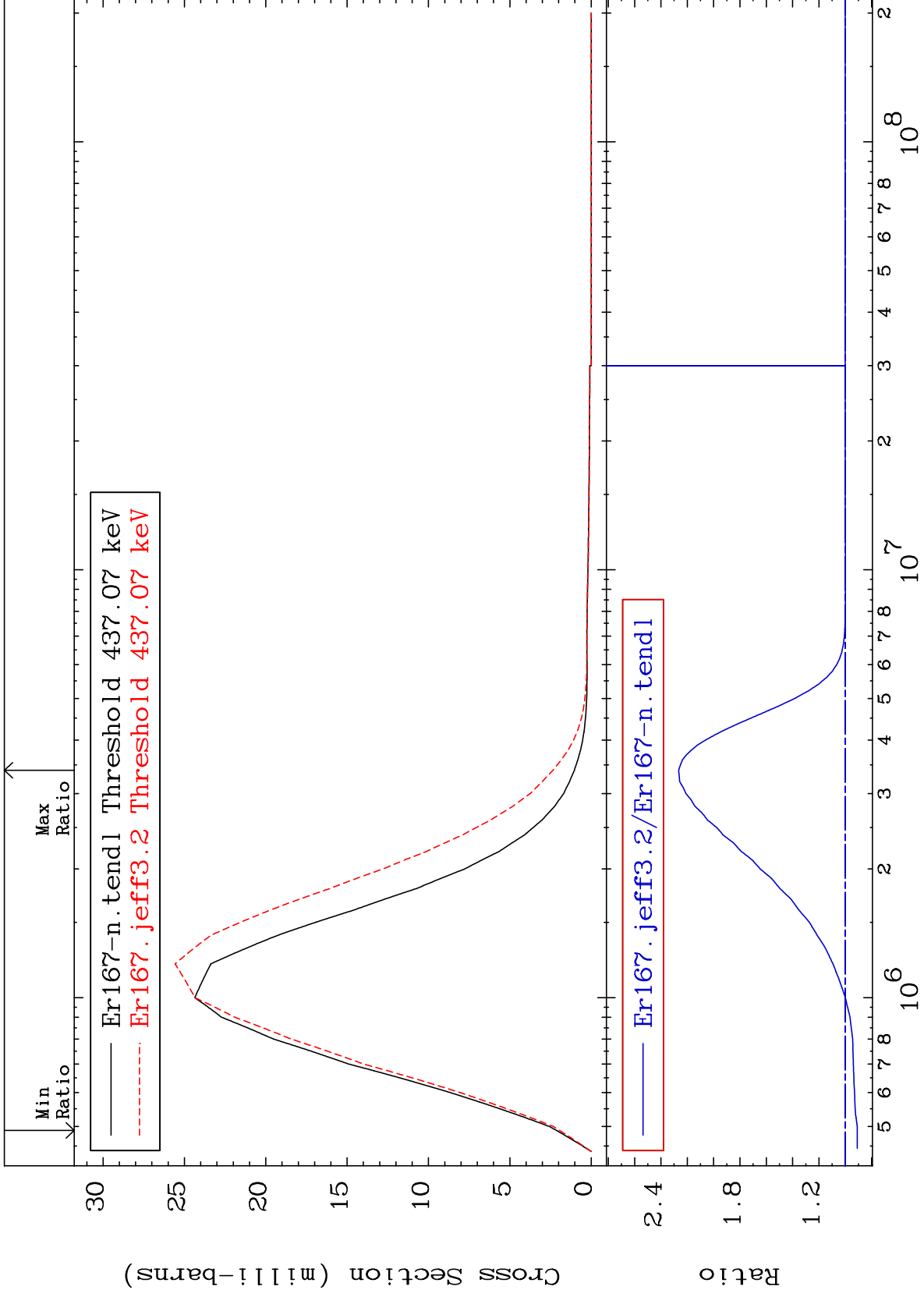


MAT 6840

430.0 keV (n,n') Level
Cross Section

68-Er-167
-6.506 To 9999. %

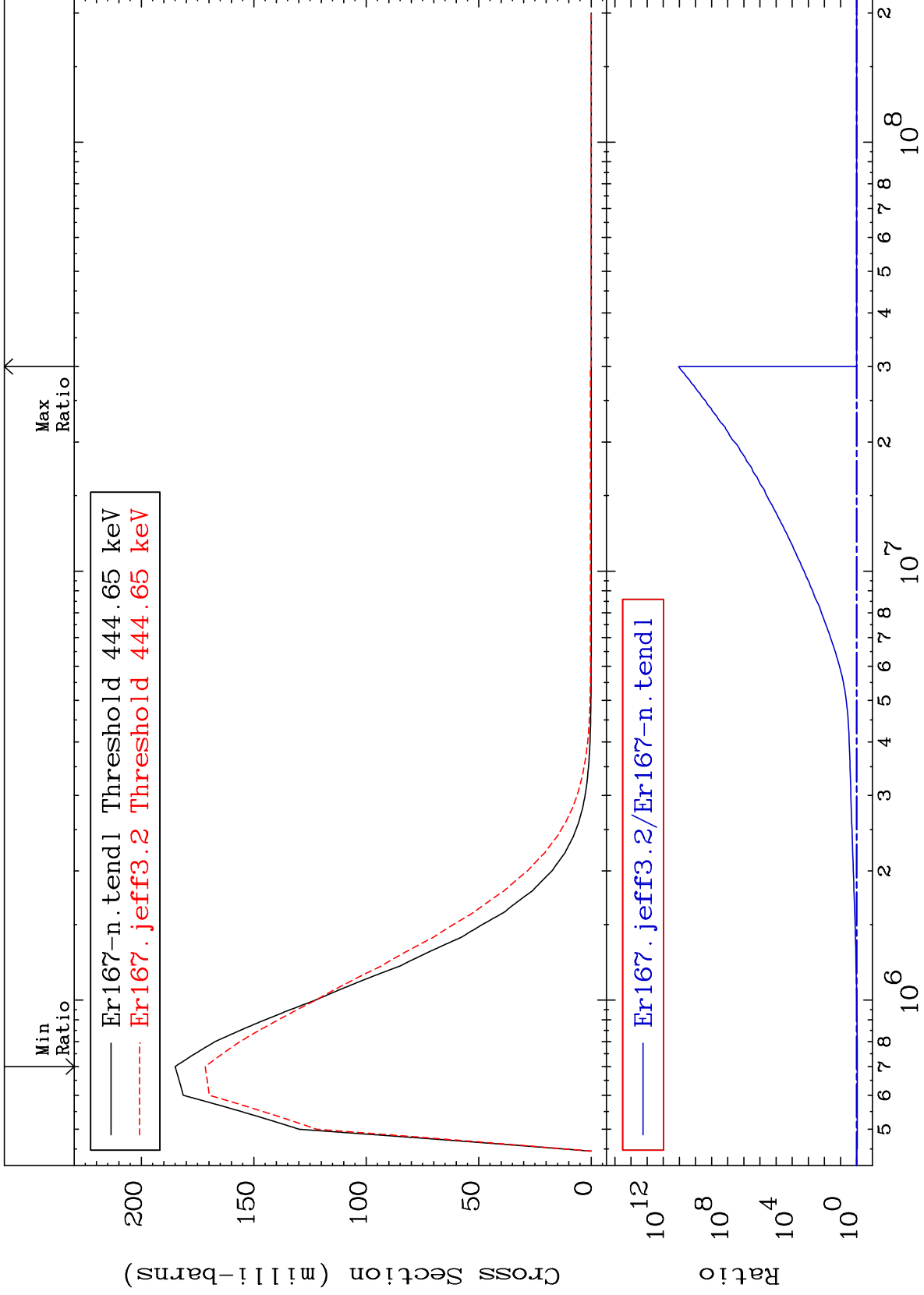




MAT 6840

442.0 keV (n,n') Level
Cross Section

68-Er-167
-7.239 To 9999. %



30

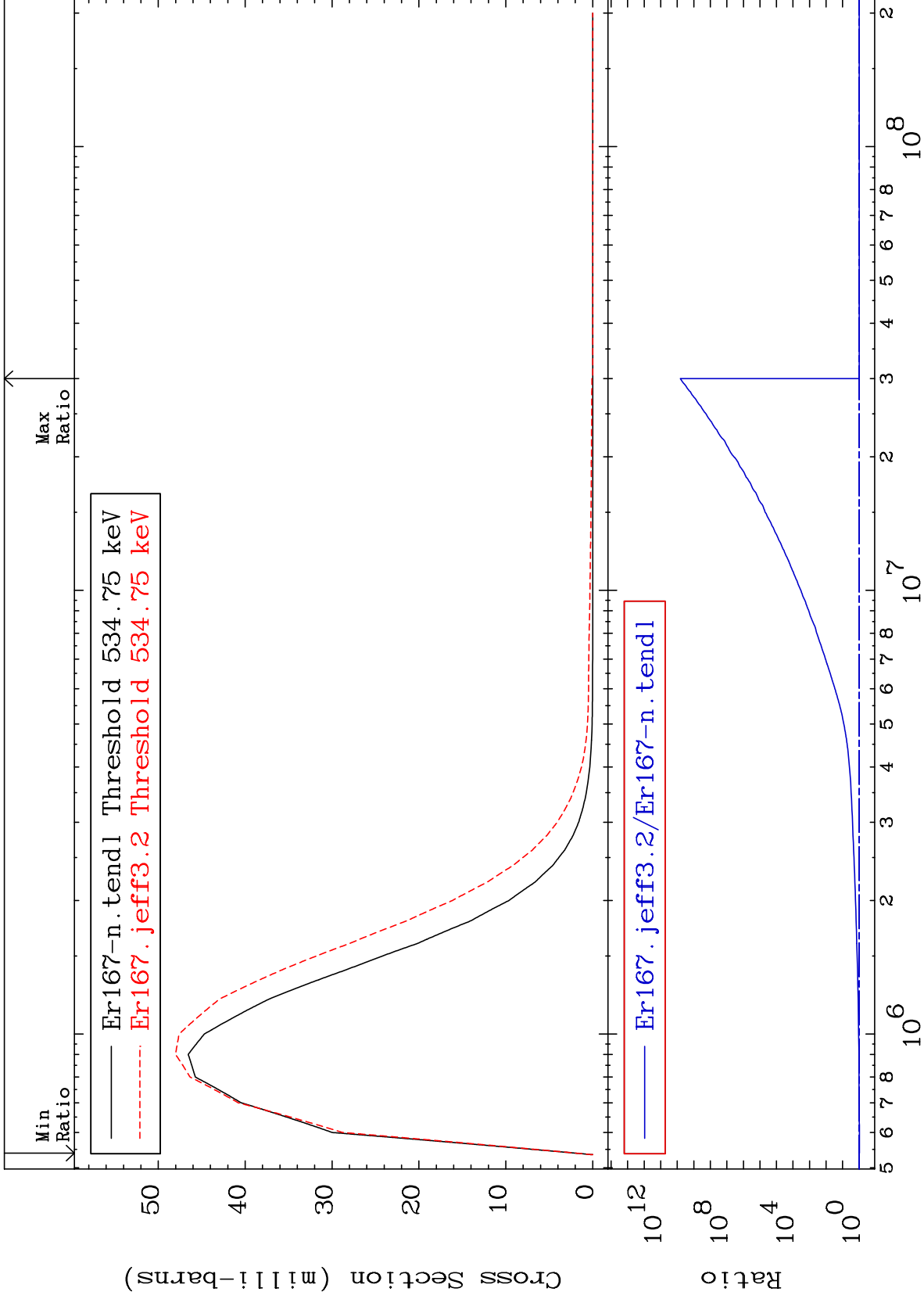
Incident Energy (eV)

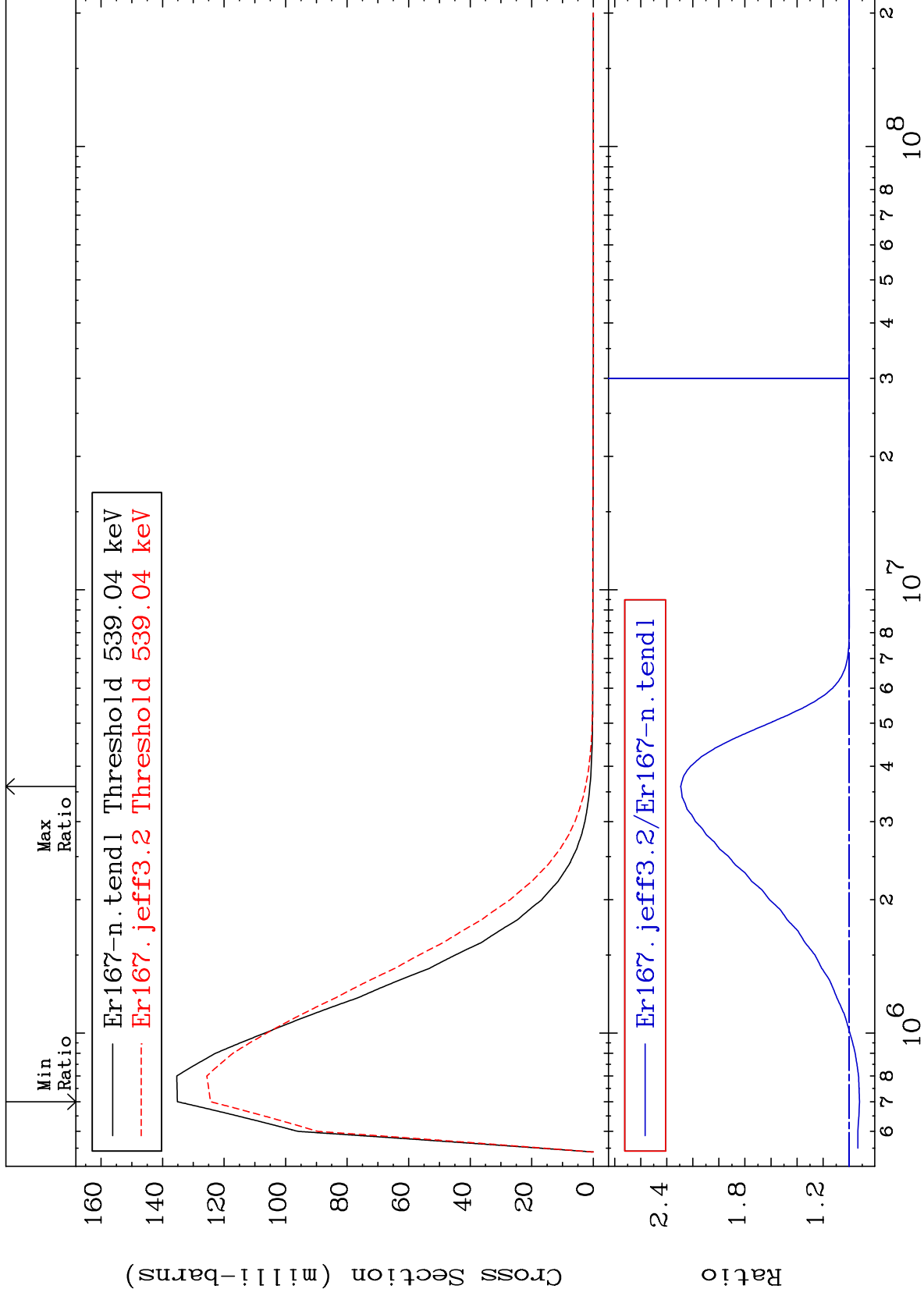
68-Er-167

MAT 6840

531.5 keV (n,n') Level
Cross Section

68-Er-167
-3.965 To 9999. %

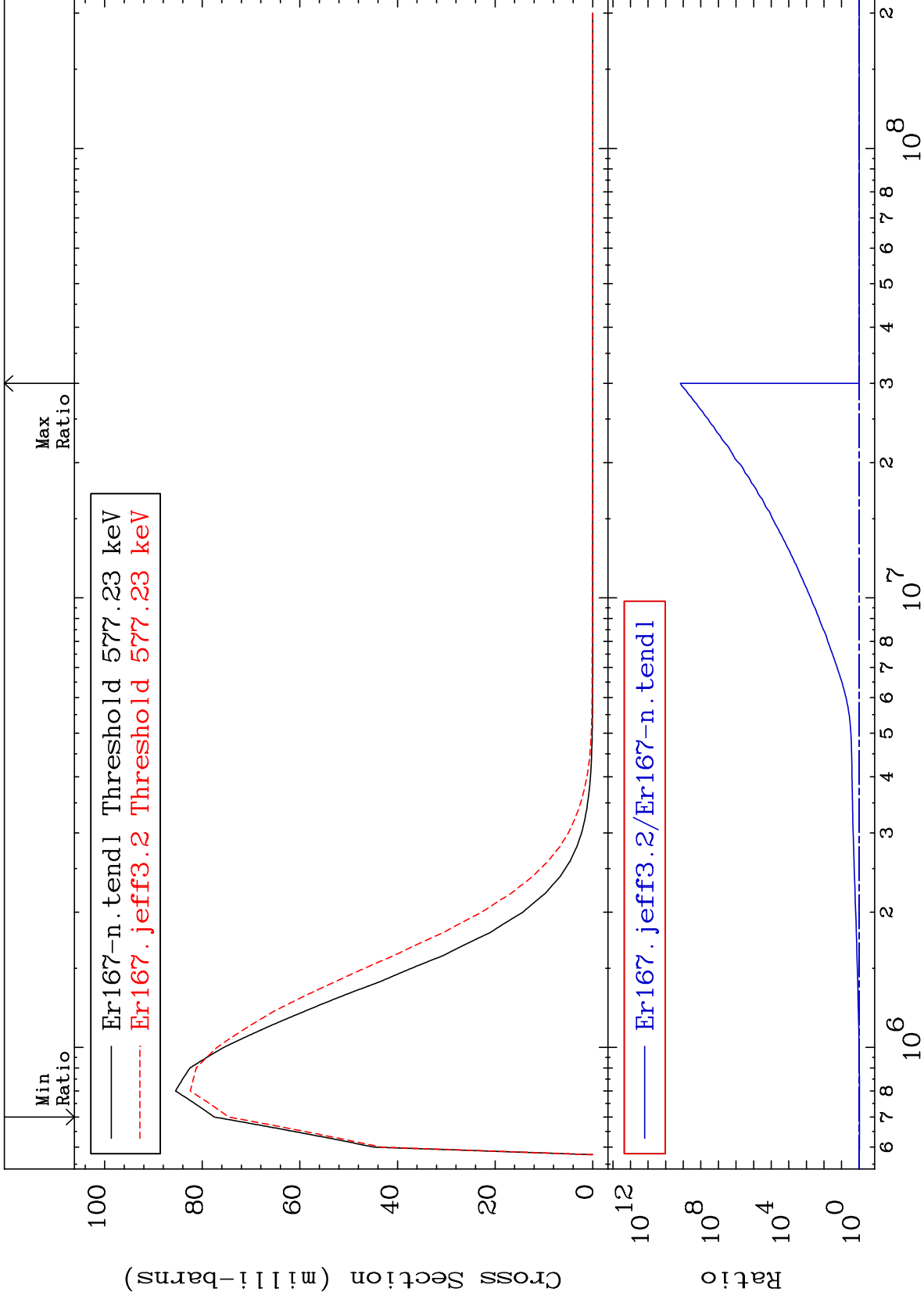




MAT 6840

573.8 keV (n,n') Level
Cross Section

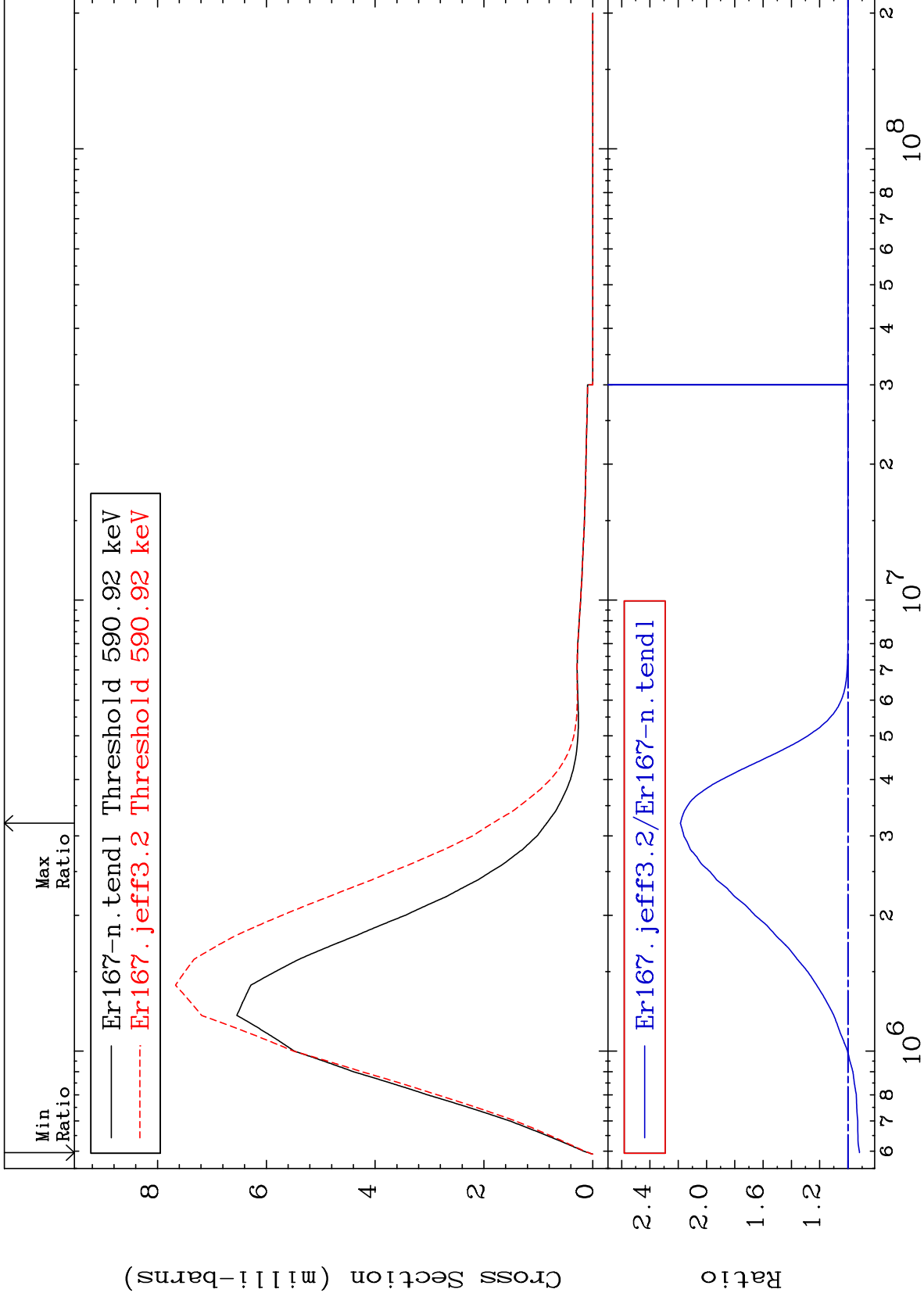
68-Er-167
-3.827 To 9999. %



MAT 6840

587.4 keV (n,n') Level
Cross Section

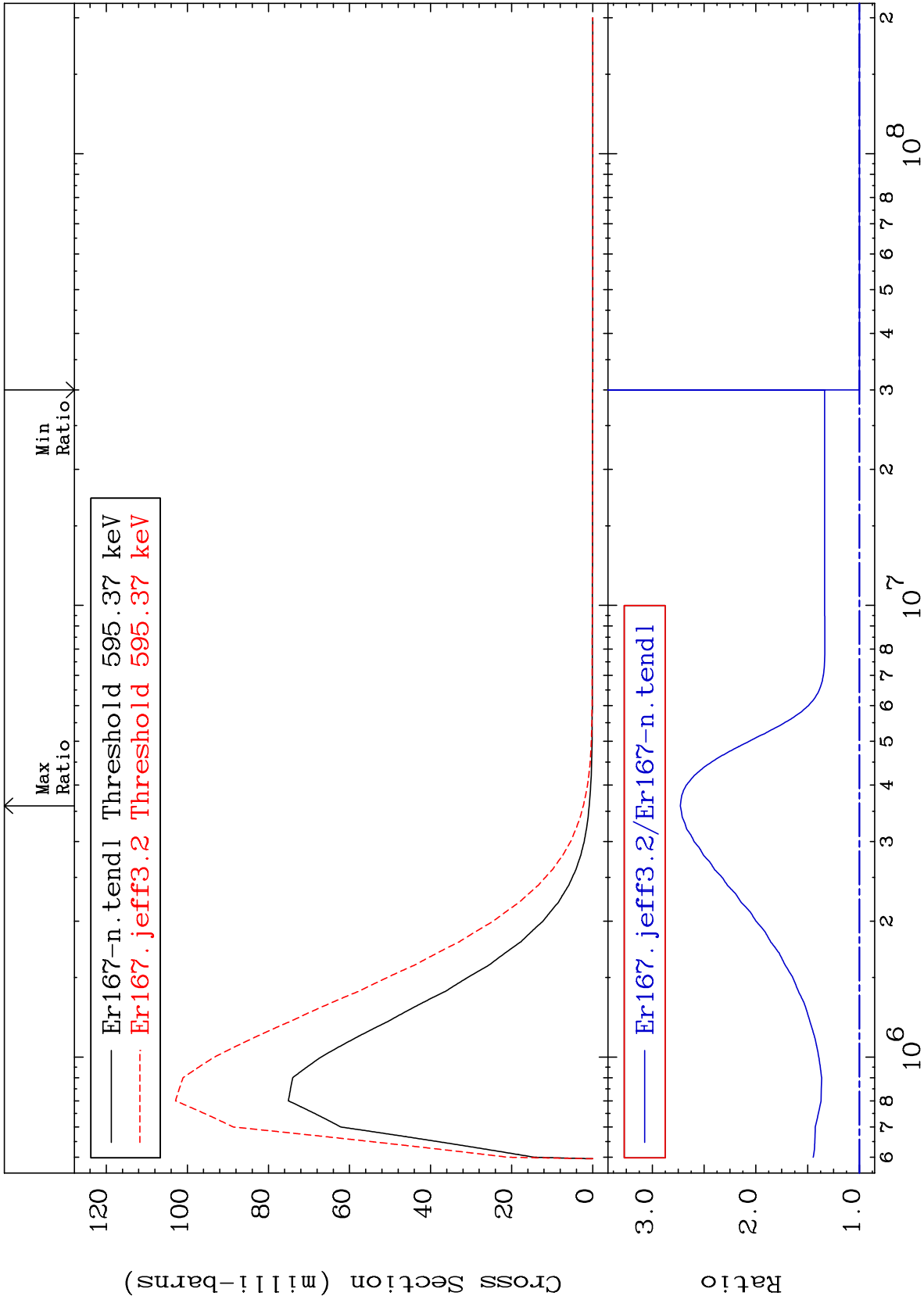
68-Er-167
-8.135 To 118.5 %



MAT 6840

591.8 keV (n,n') Level
Cross Section

68-Er-167
0.000 To 172.9 %



35

Incident Energy (eV)

68-Er-167

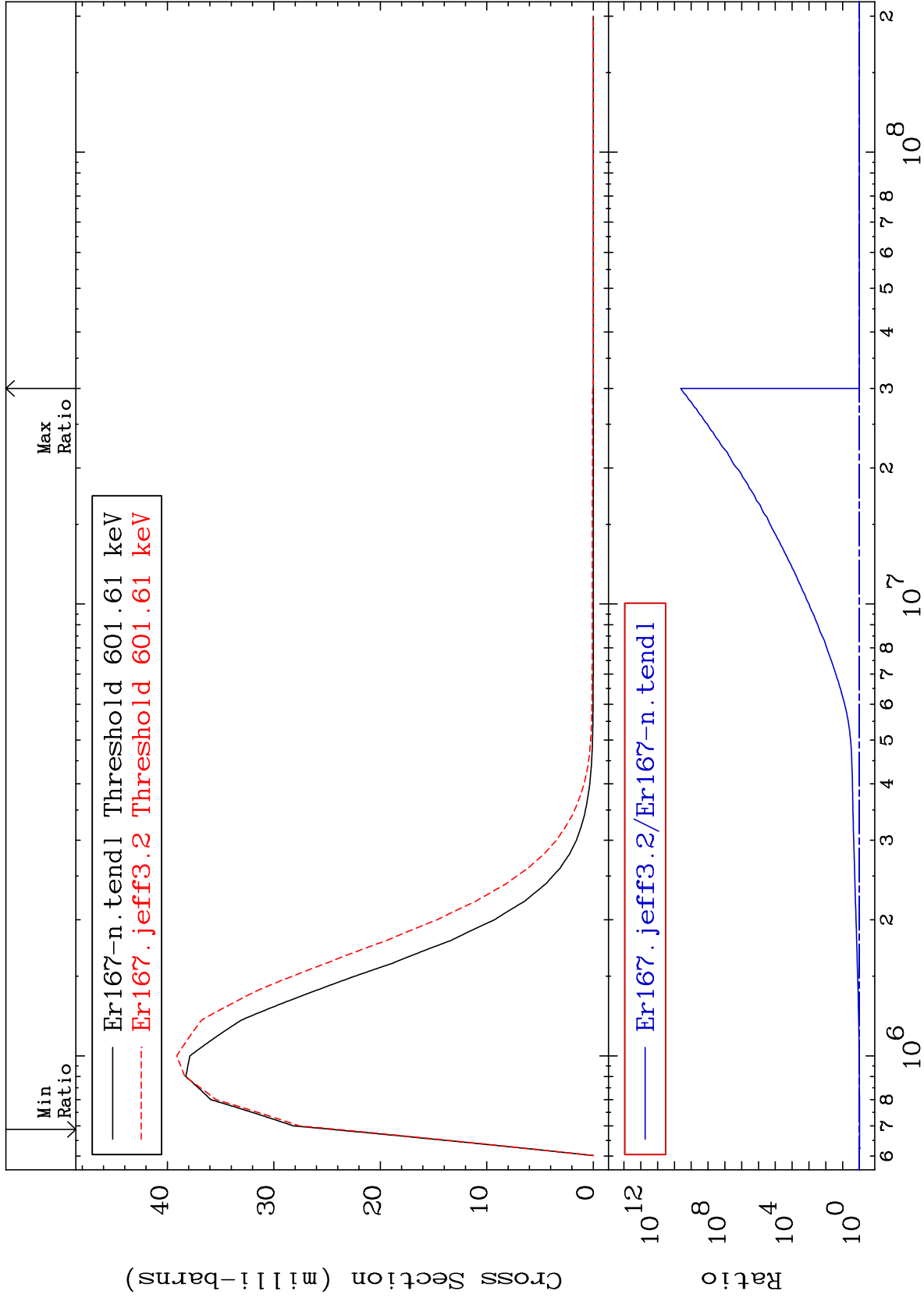
MAT 6840

598.0 keV (n,n') Level

68-Er-167

-2.000 To 9999. %

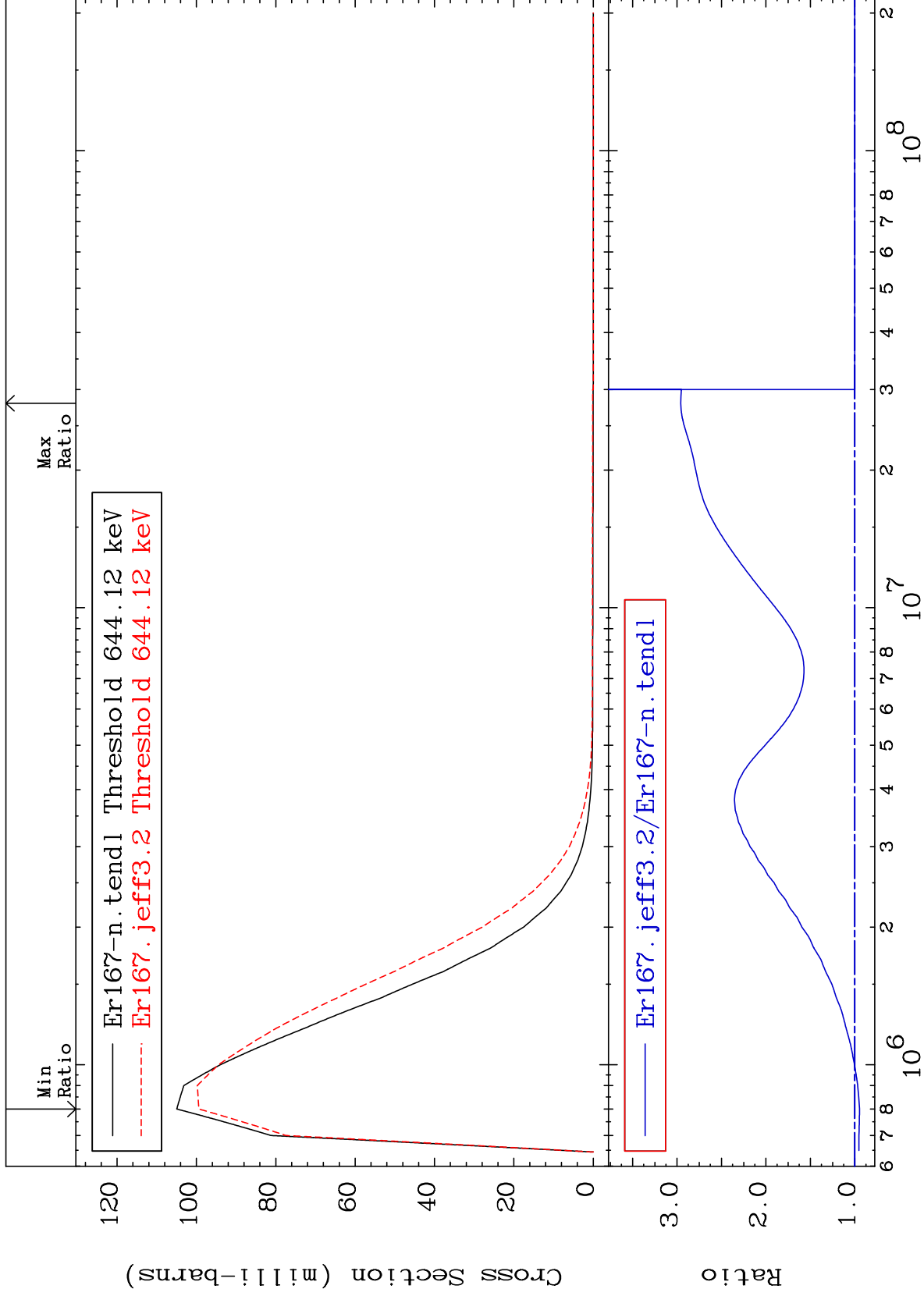
Cross Section



MAT 6840

640.3 keV (n,n') Level
Cross Section

68-Er-167
-5.315 To 195.8 %



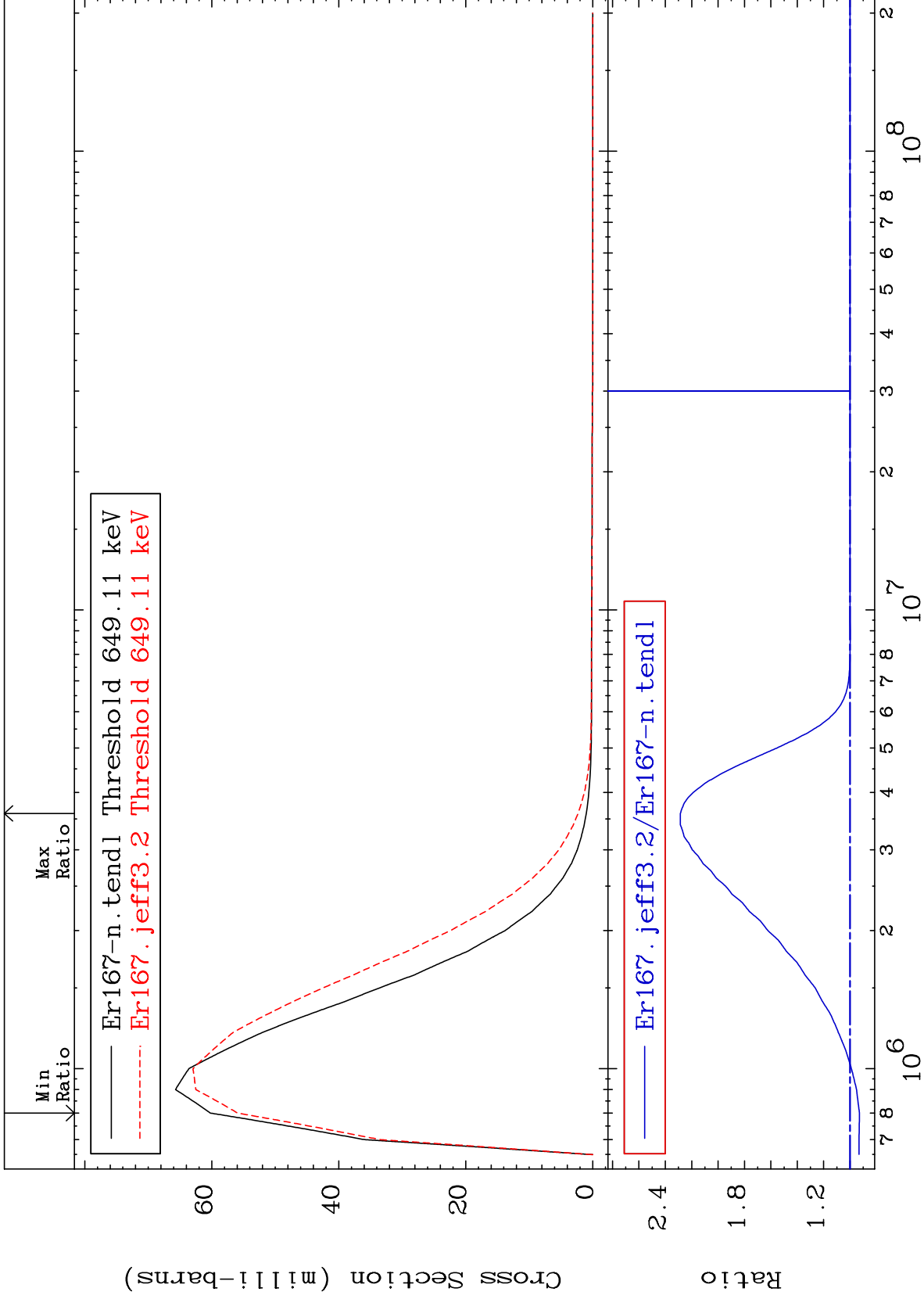
37

68-Er-167

MAT 6840

645.2 keV (n,n') Level
Cross Section

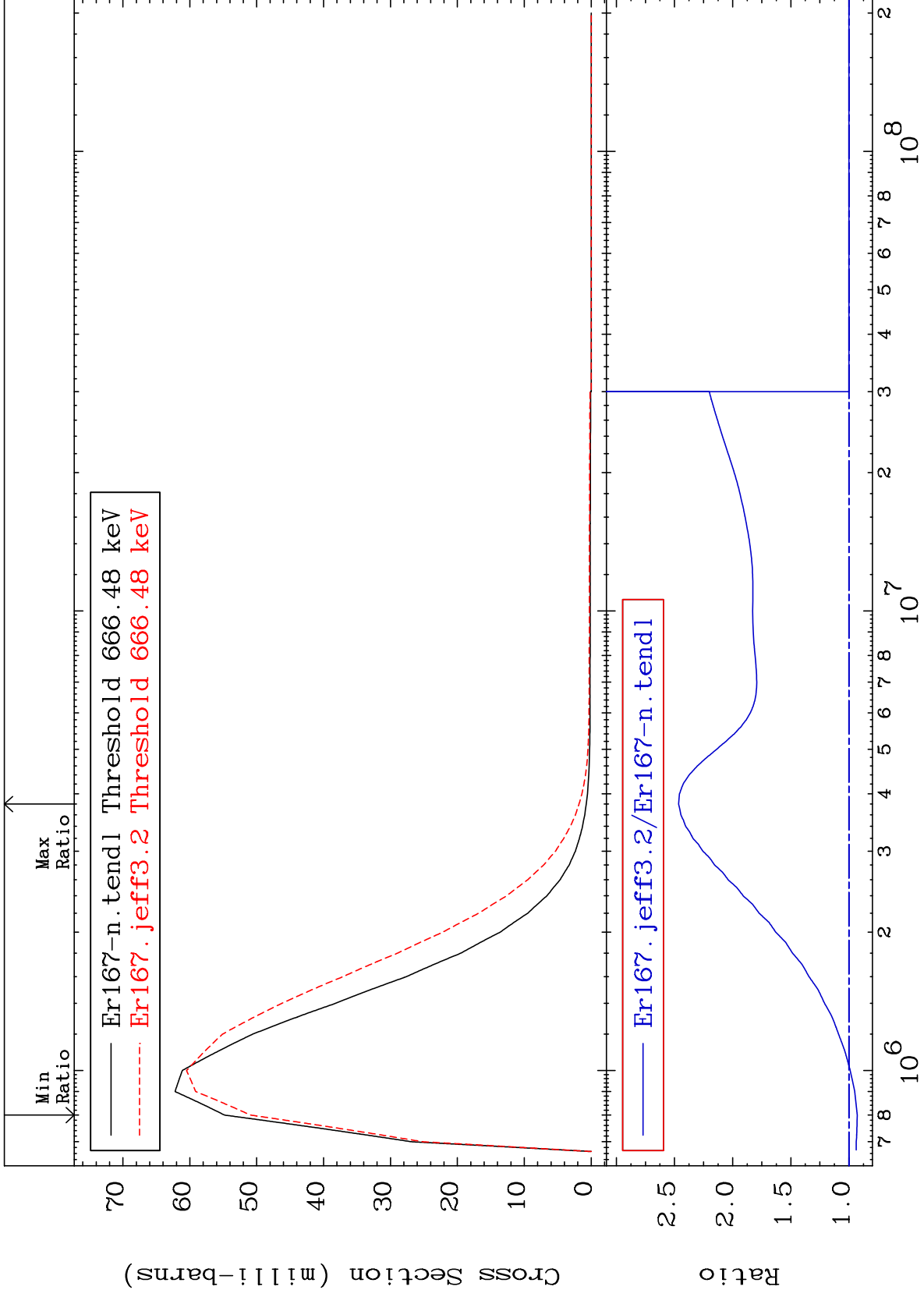
68-Er-167
-7.101 To 128.6 %



MAT 6840

662.5 keV (n,n') Level
Cross Section

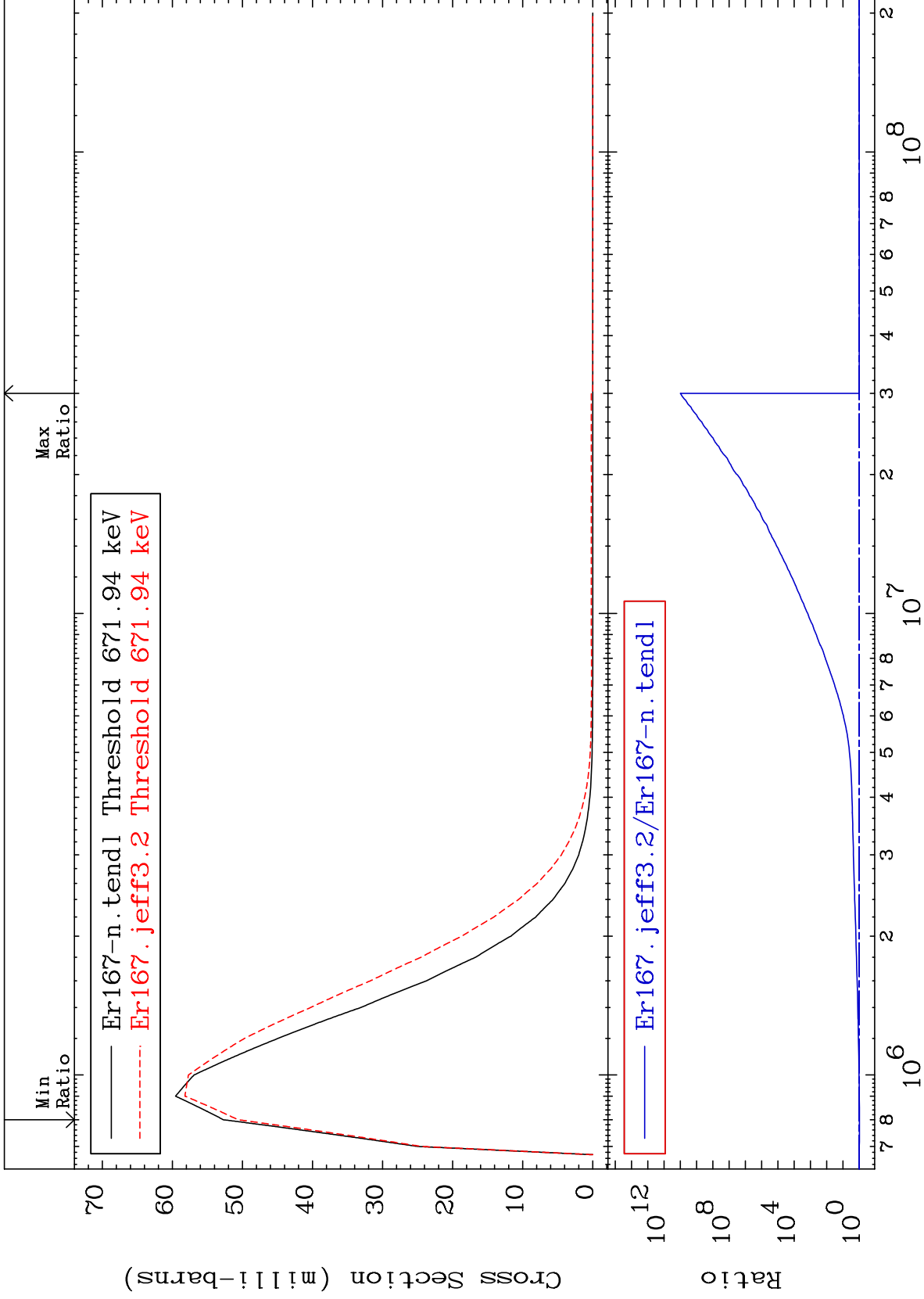
68-Er-167
-7.118 To 146.4 %



MAT 6840

667.9 keV (n,n') Level
Cross Section

68-Er-167
-3.992 To 9999. %



40

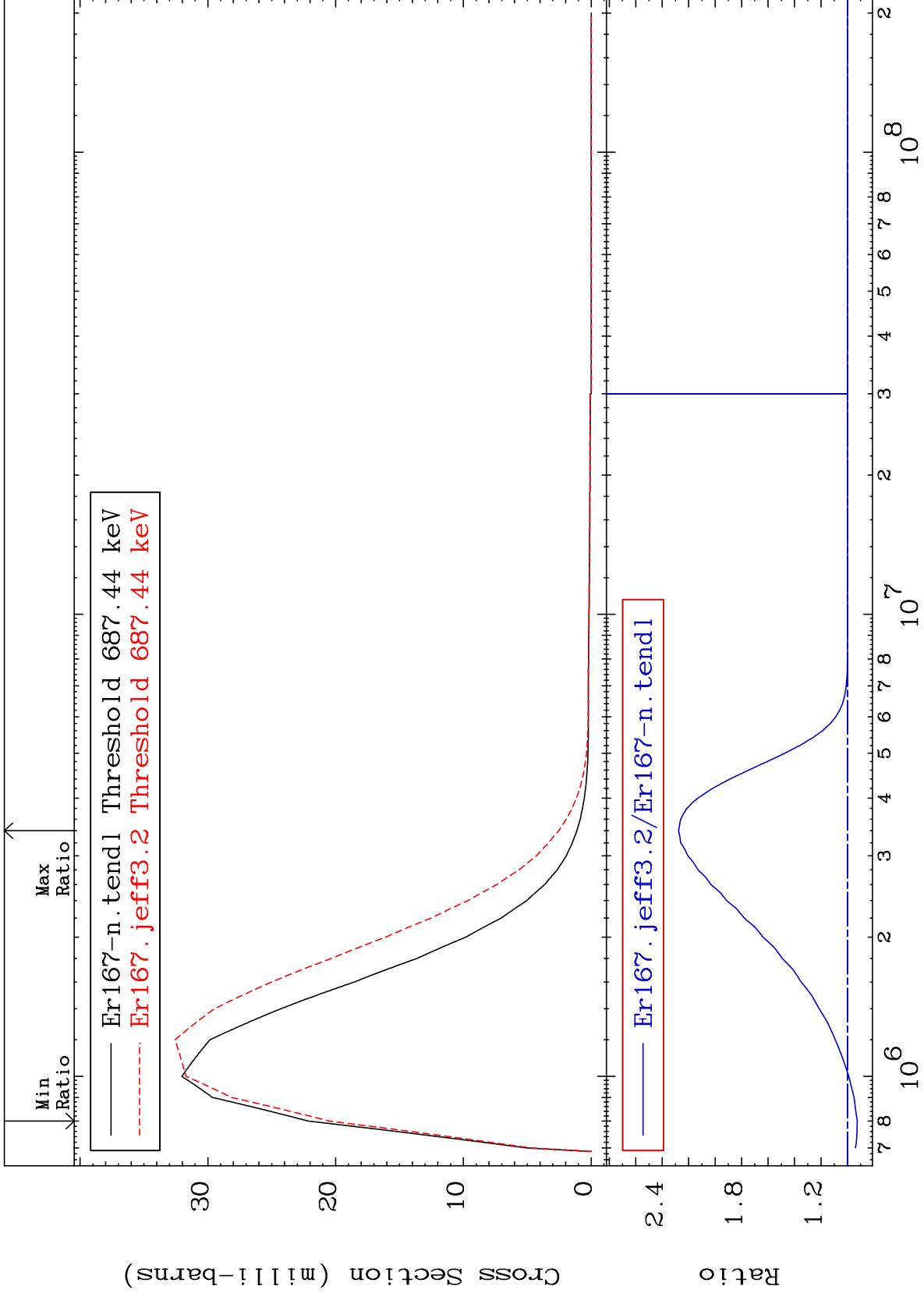
Incident Energy (eV)

68-Er-167

MAT 6840

683.3 keV (n,n') Level
Cross Section

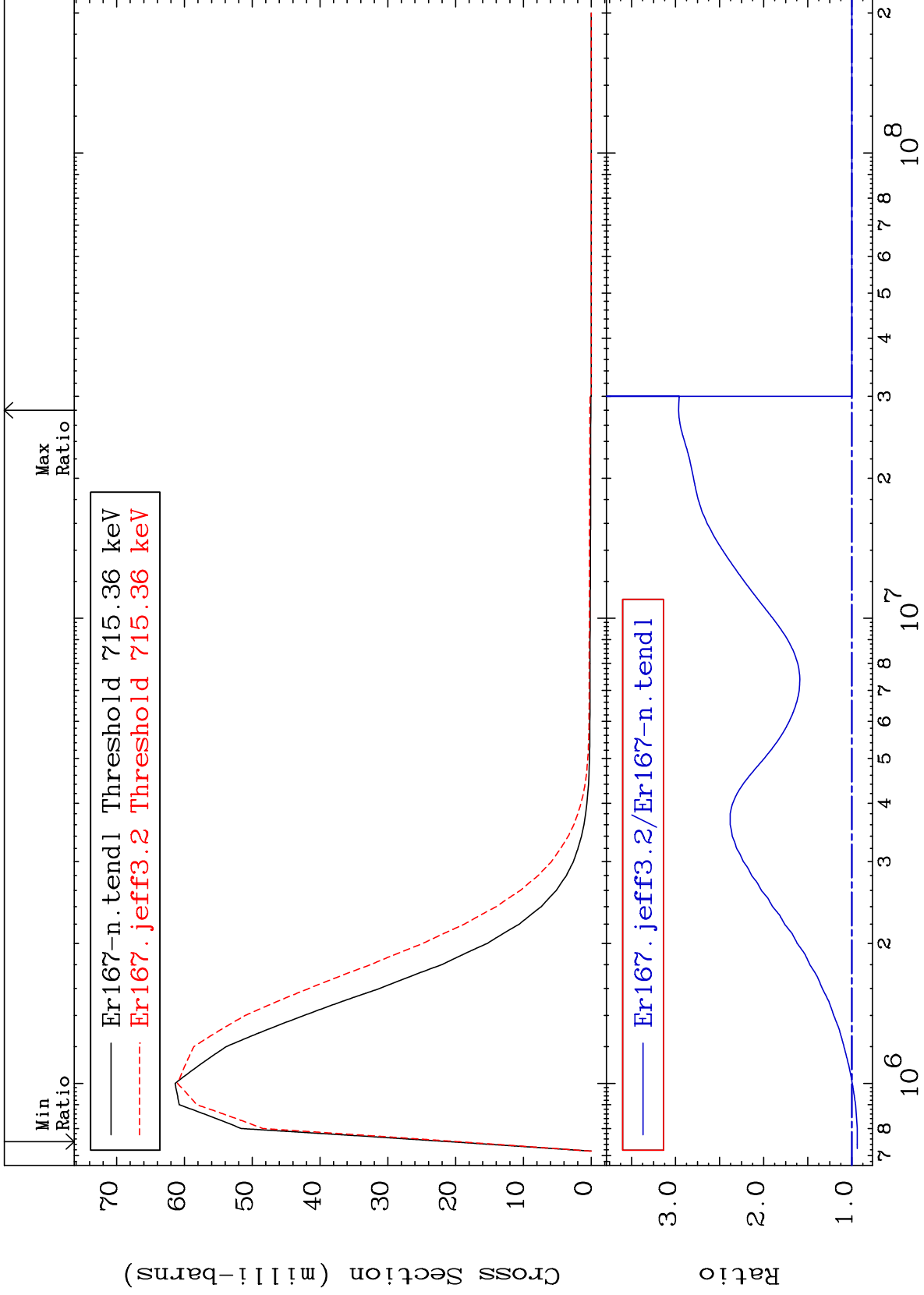
68-Er-167
-7.432 To 127.6 %



MAT 6840

711.1 keV (n,n') Level
Cross Section

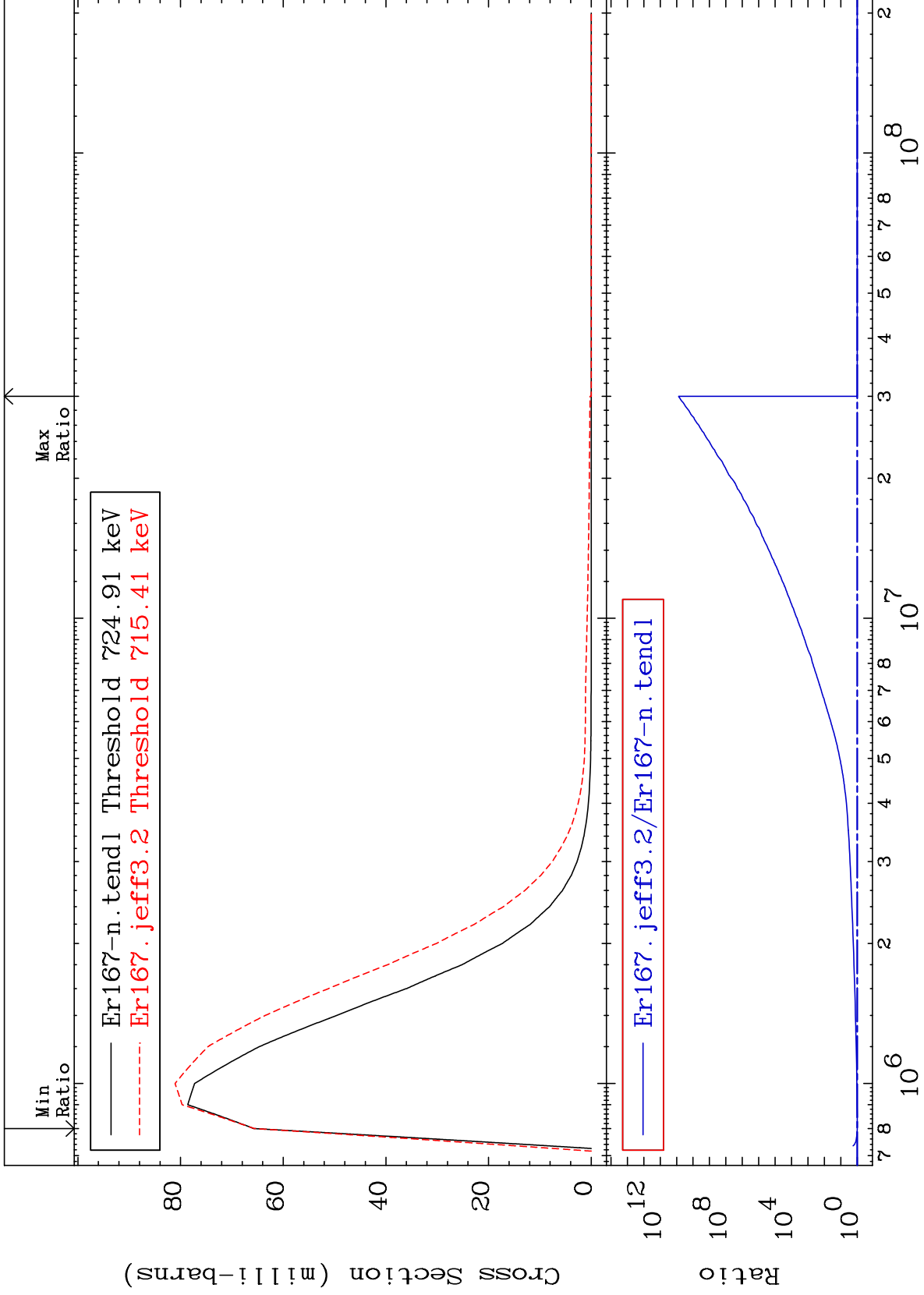
68-Er-167
-6.174 To 196.5 %



MAT 6840

720.6 keV (n,n') Level
Cross Section

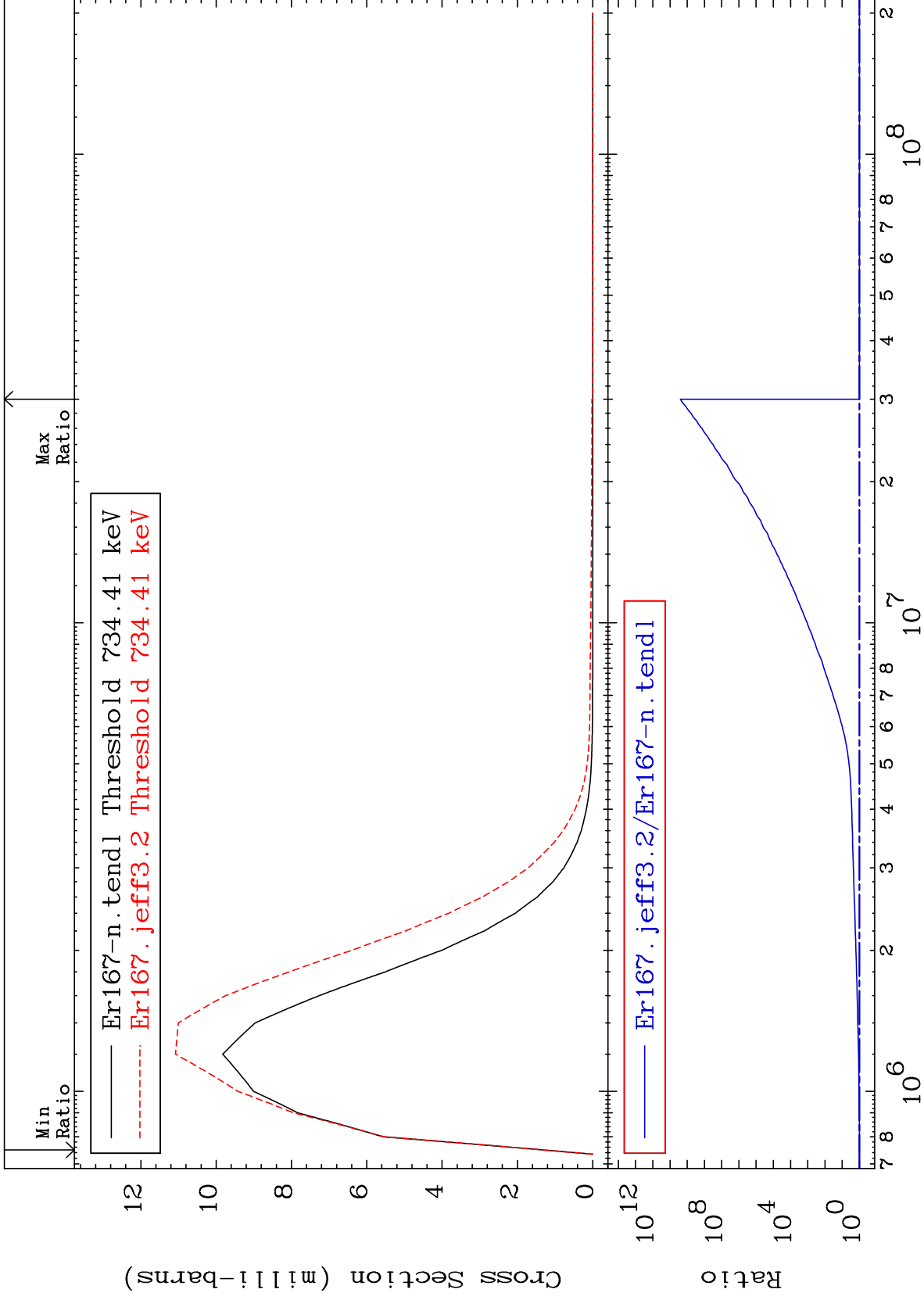
68-Er-167
-0.198 To 9999. %



MAT 6840

730.0 keV (n,n') Level
Cross Section

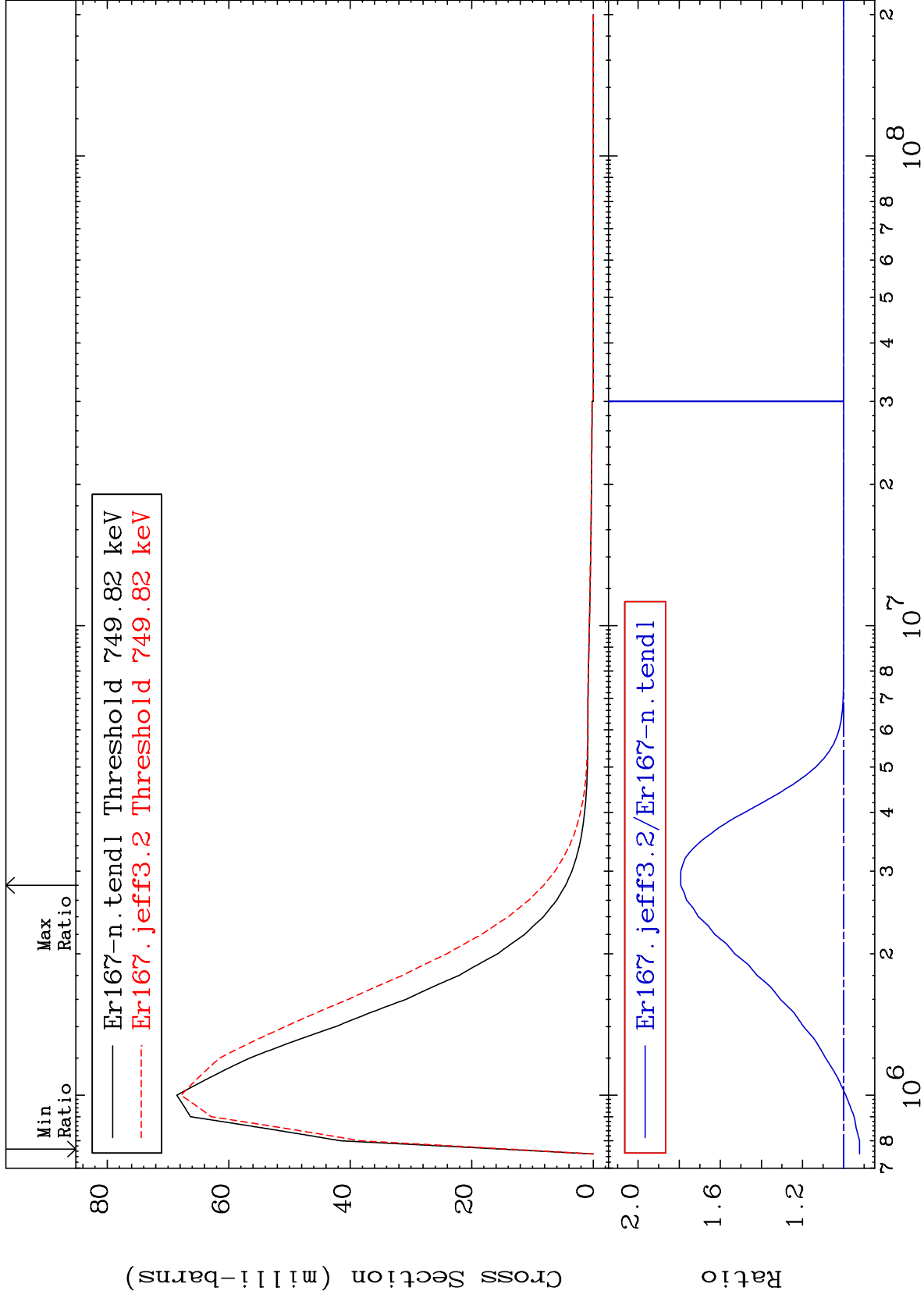
68-Er-167
-0.565 To 9999. %



MAT 6840

745.3 keV (n,n') Level
Cross Section

68-Er-167
-7.746 To 79.25 %



45

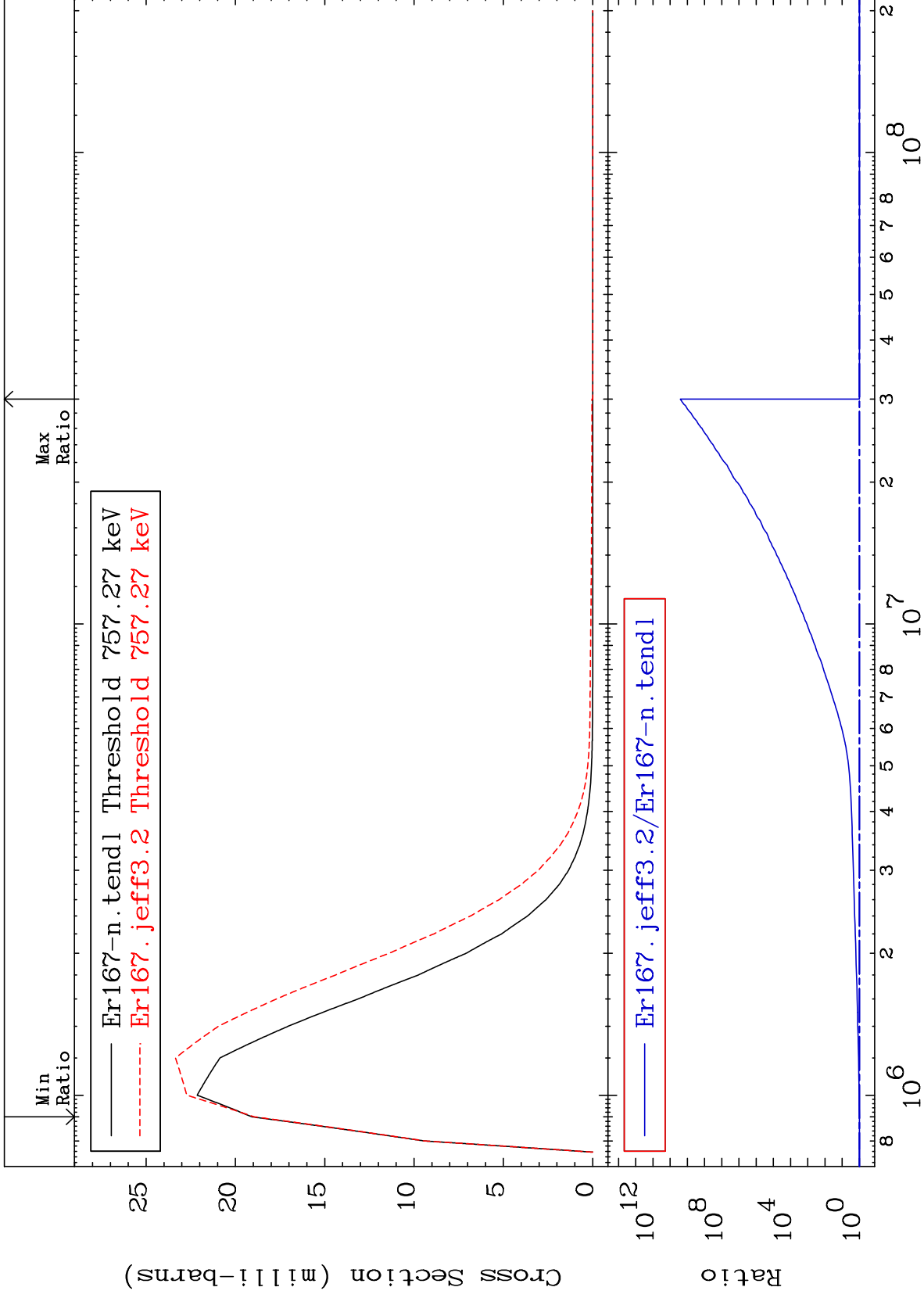
Incident Energy (eV)

68-Er-167

MAT 6840

752.7 keV (n,n') Level
Cross Section

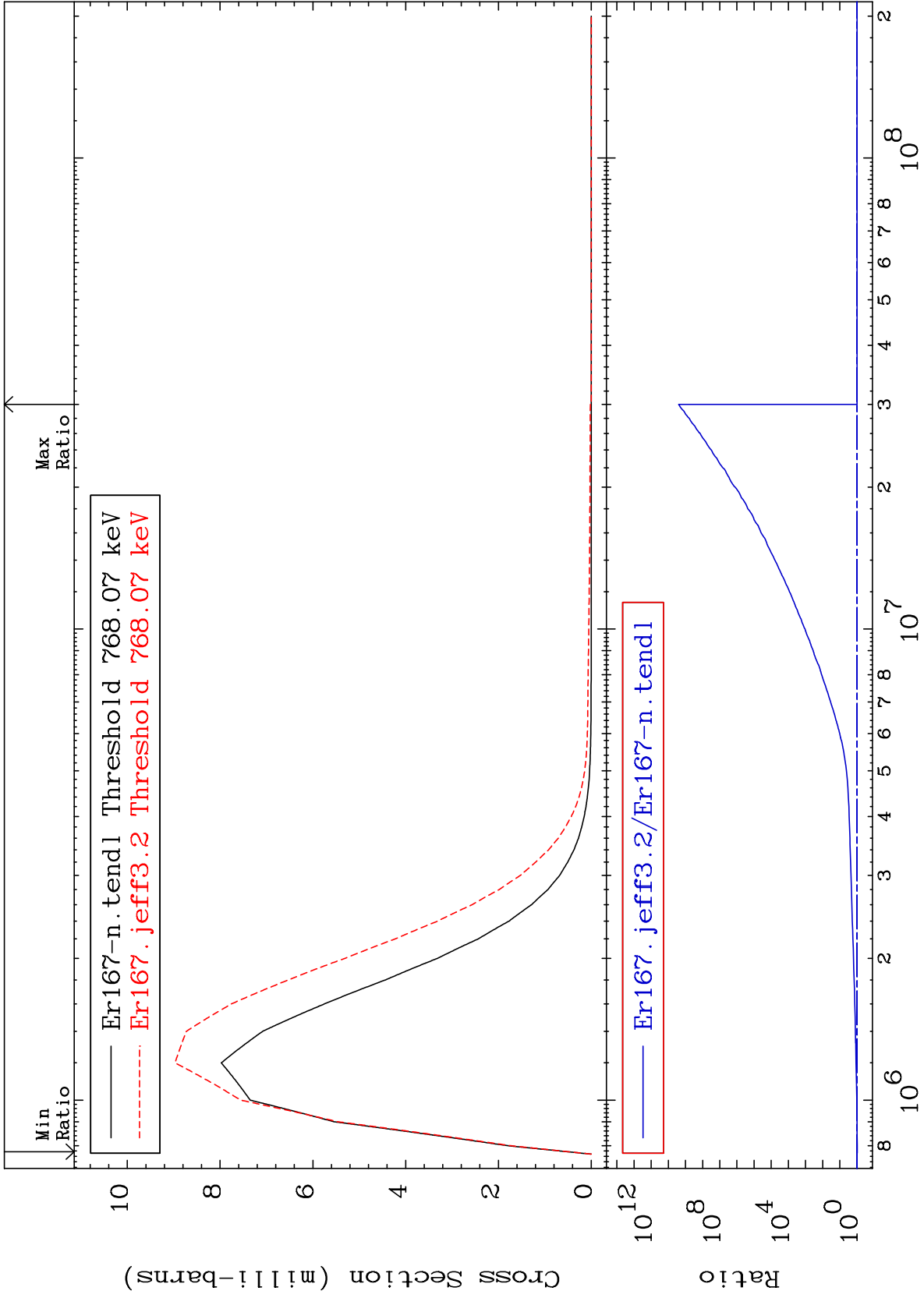
68-Er-167
-0.723 To 9999. %



MAT 6840

763.5 keV (n,n') Level
Cross Section

68-Er-167
-3.687 To 9999. %



47

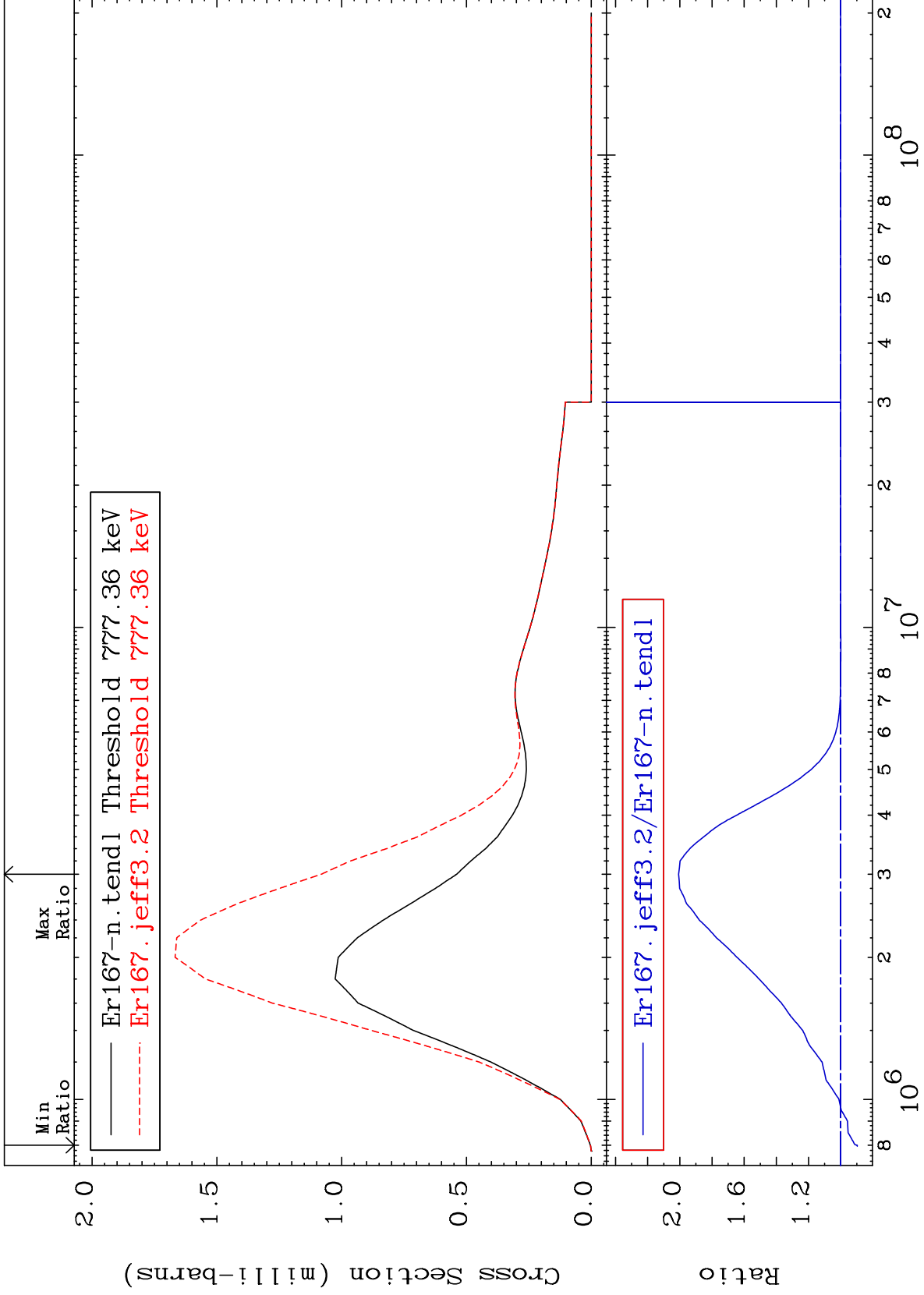
Incident Energy (eV)

68-Er-167

MAT 6840

772.7 keV (n,n') Level
Cross Section

68-Er-167
-10.30 To 100.8 %



48

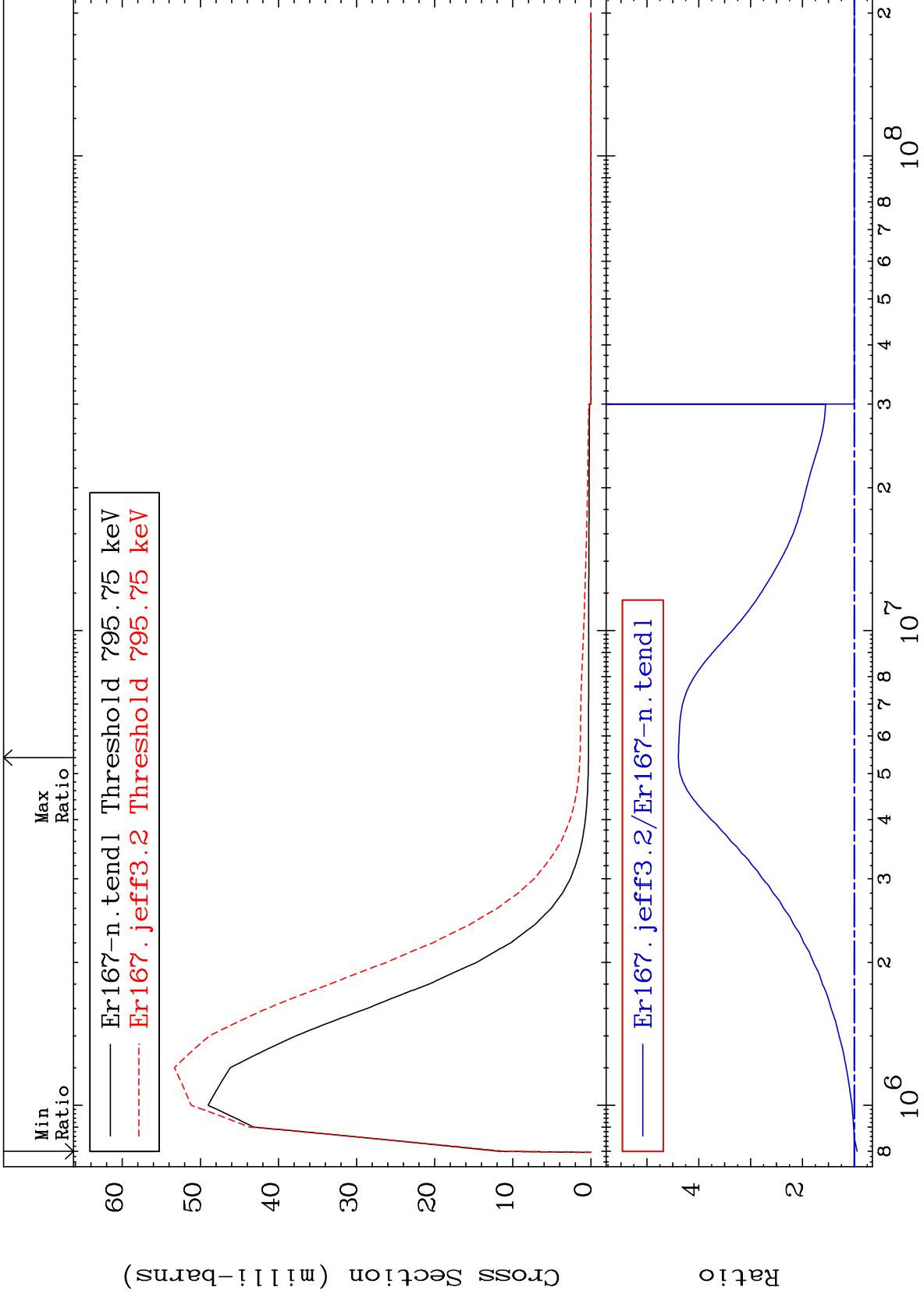
Incident Energy (eV)

68-Er-167

MAT 6840

791.0 keV (n,n') Level
Cross Section

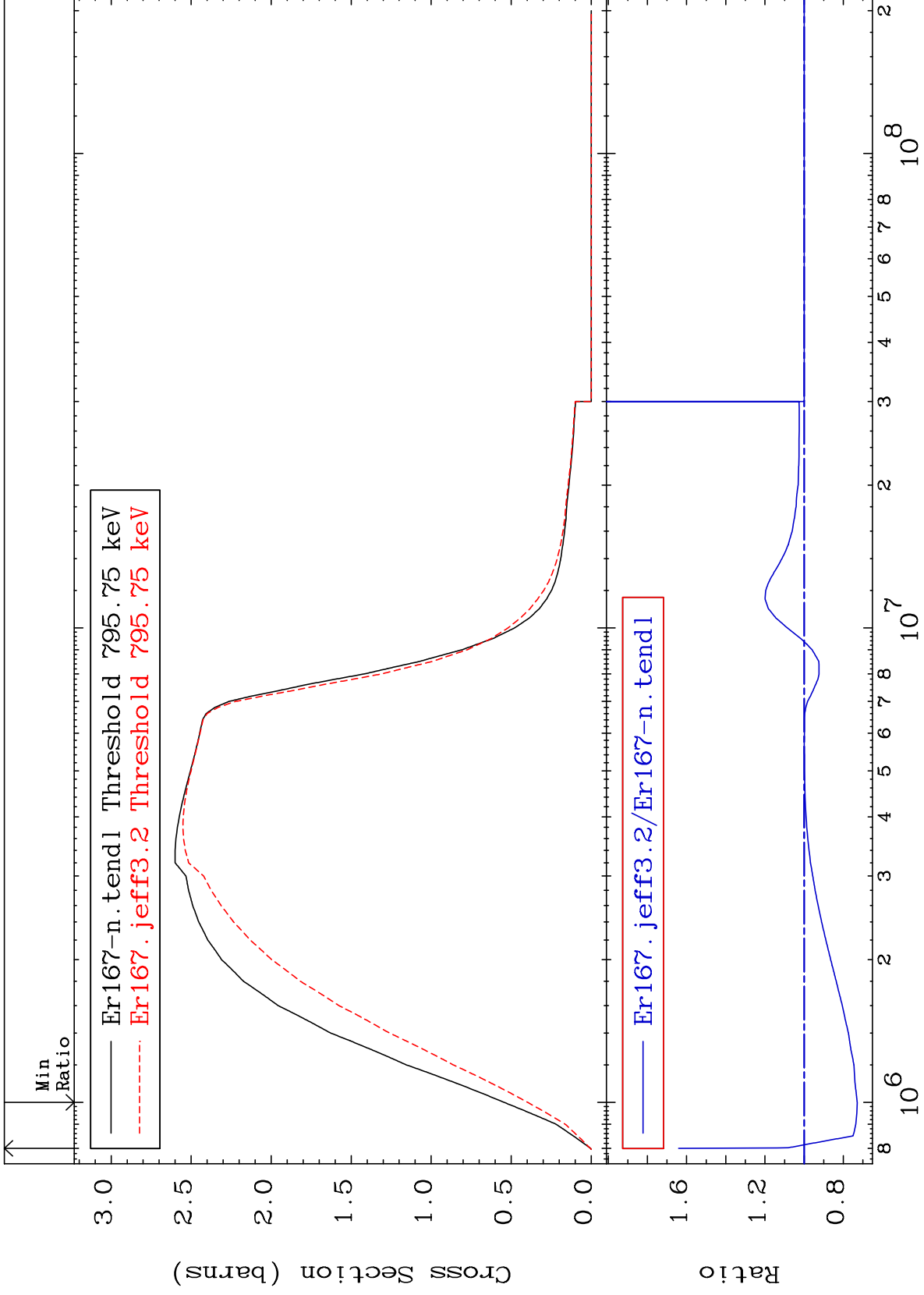
68-Er-167
-5.601 To 339.1 %



MAT 6840

(n, n') Continuum
Cross Section

68-Er-167
-27.10 To 64.06 %



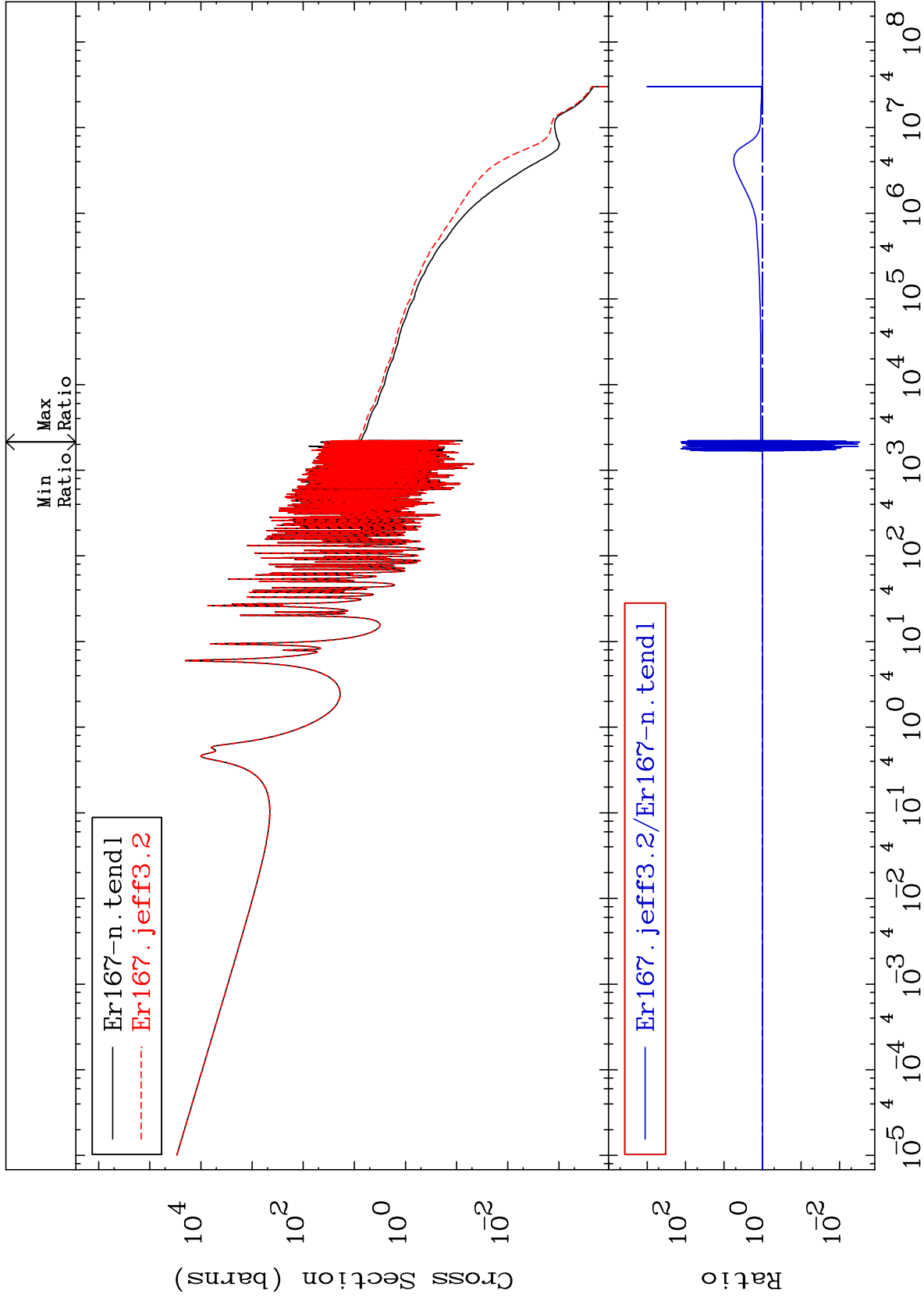
50

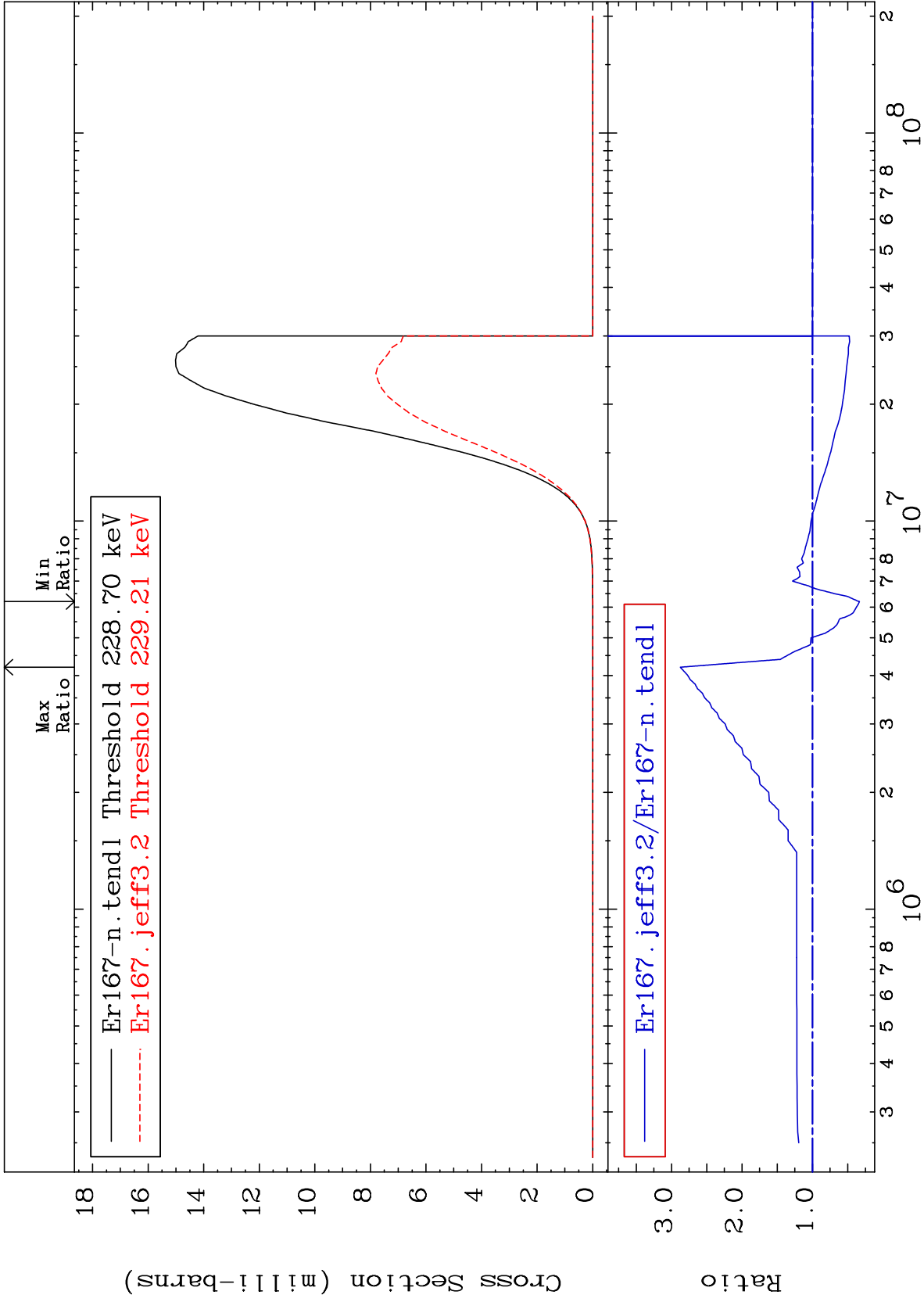
68-Er-167

68-Er-167

Cross Section

-99.70 To 9999. %

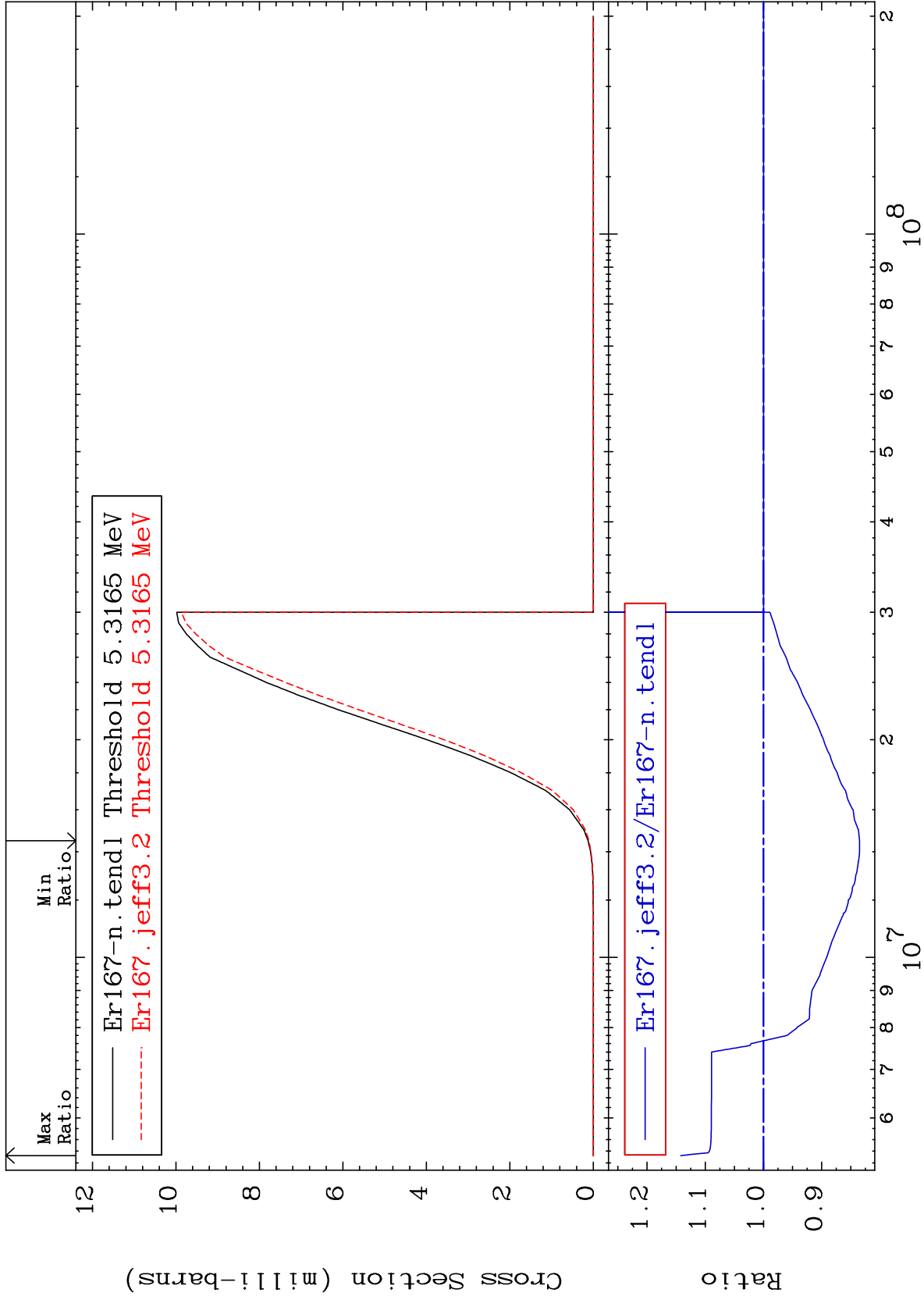




MAT 6840

(n, d)
Cross Section

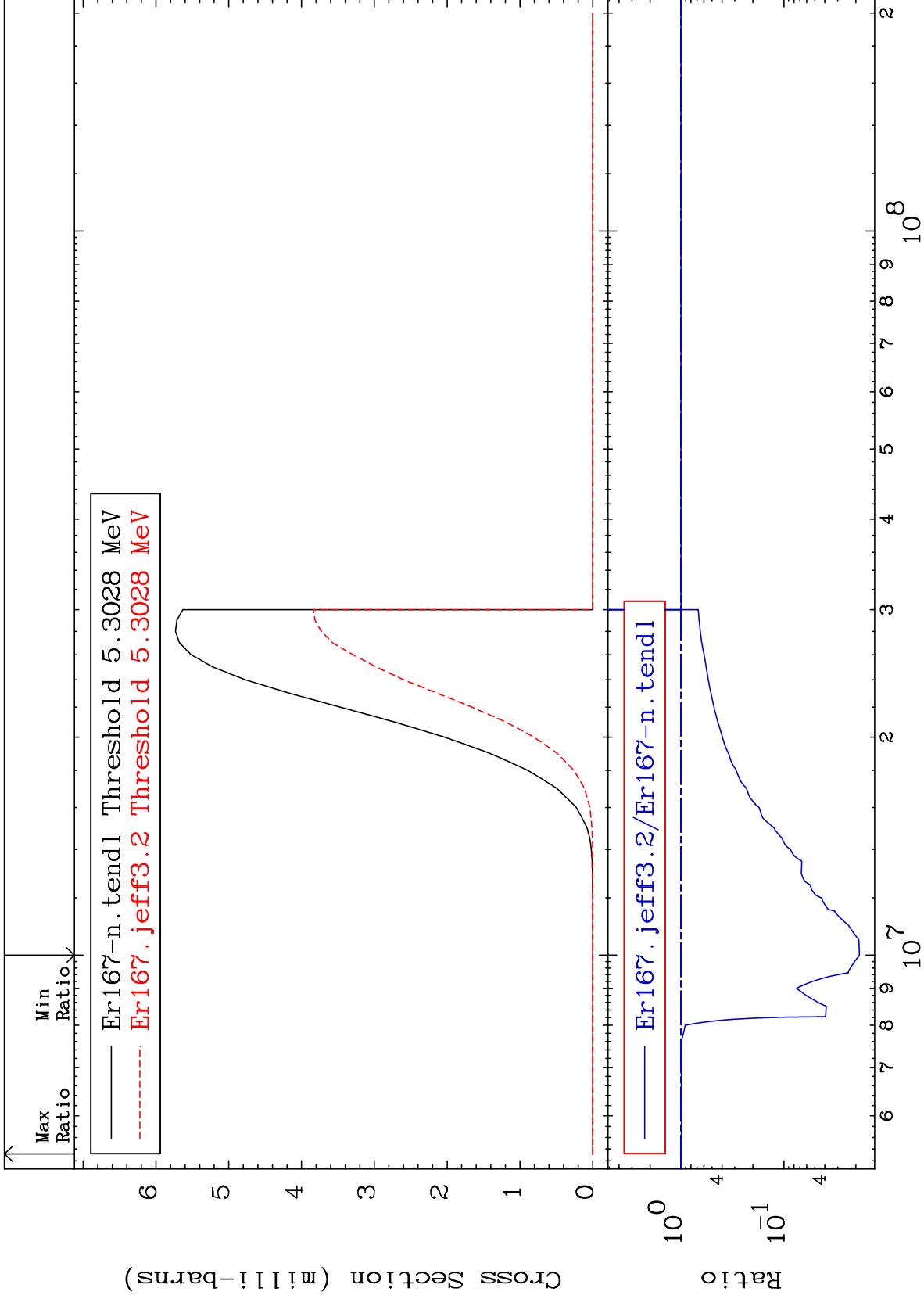
68-Er-167
-16.50 To 14.21 %



MAT 6840

(n, t)
Cross Section

68-Er-167
-98.16 To 1.514 %



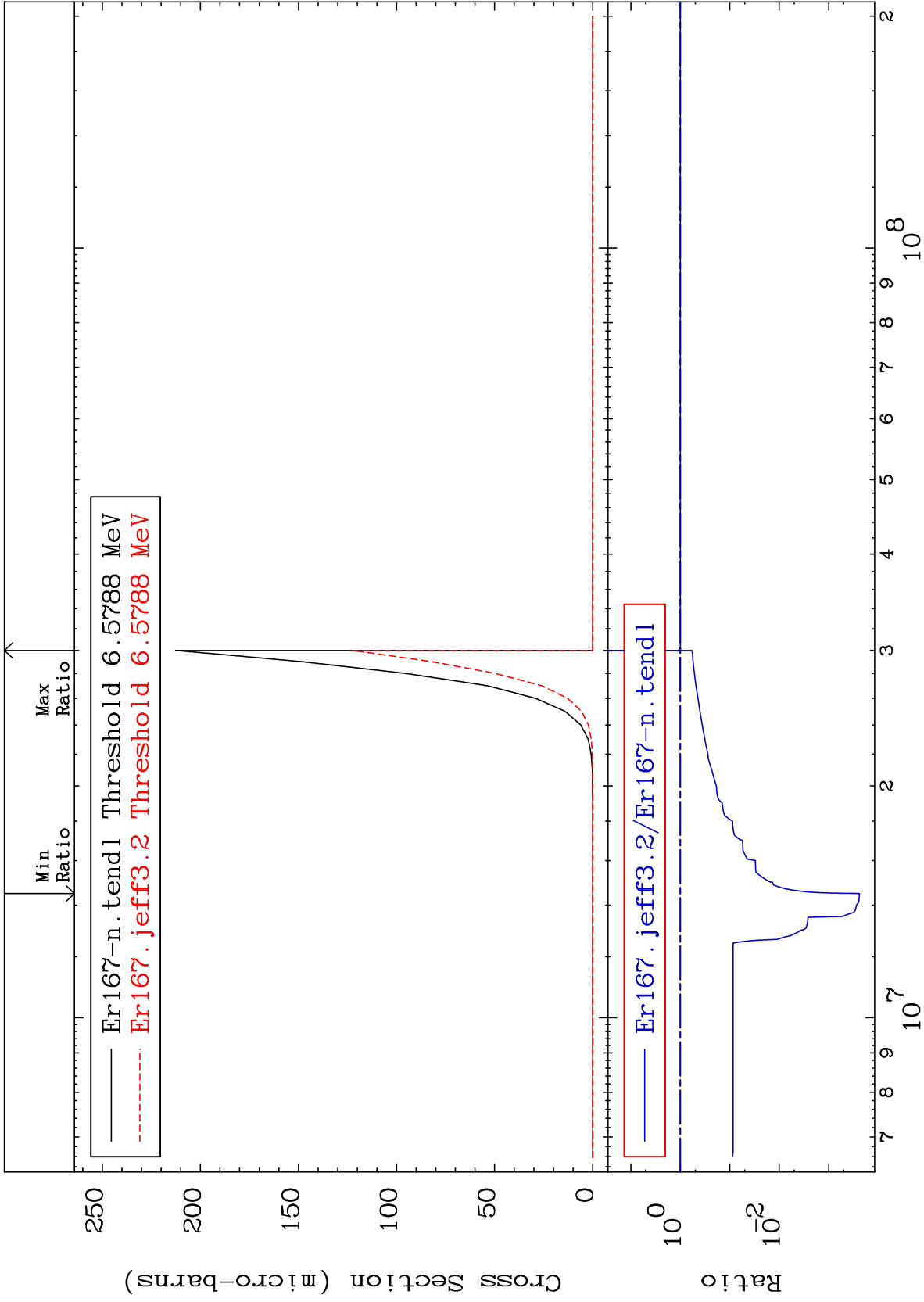
MAT 6840

(n, He-3)

68-Er-167

Cross Section

-99.98 To 0.000 %



55

68-Er-167

68-Er-167

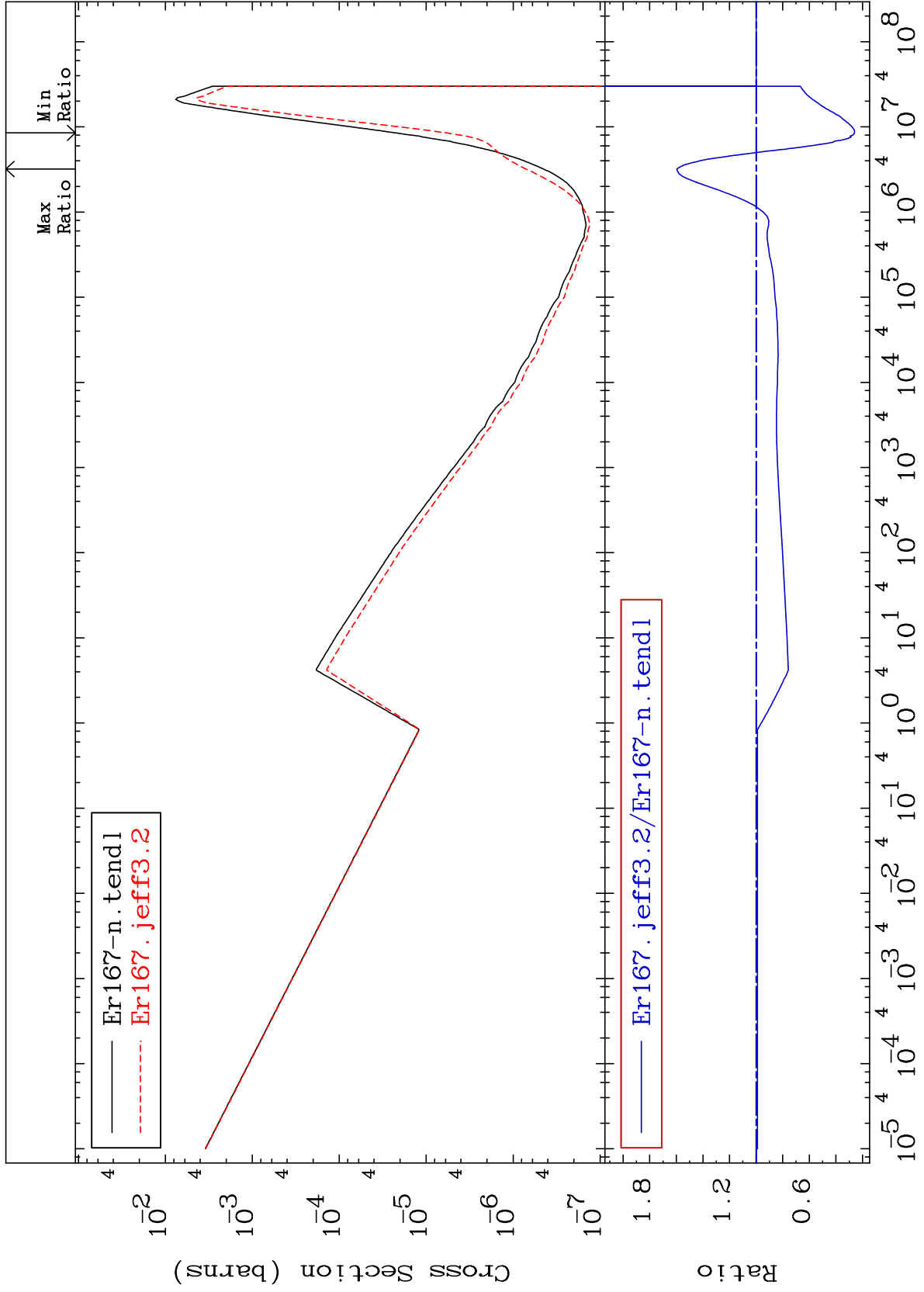
MAT 6840

(n, α)

68-Er-167

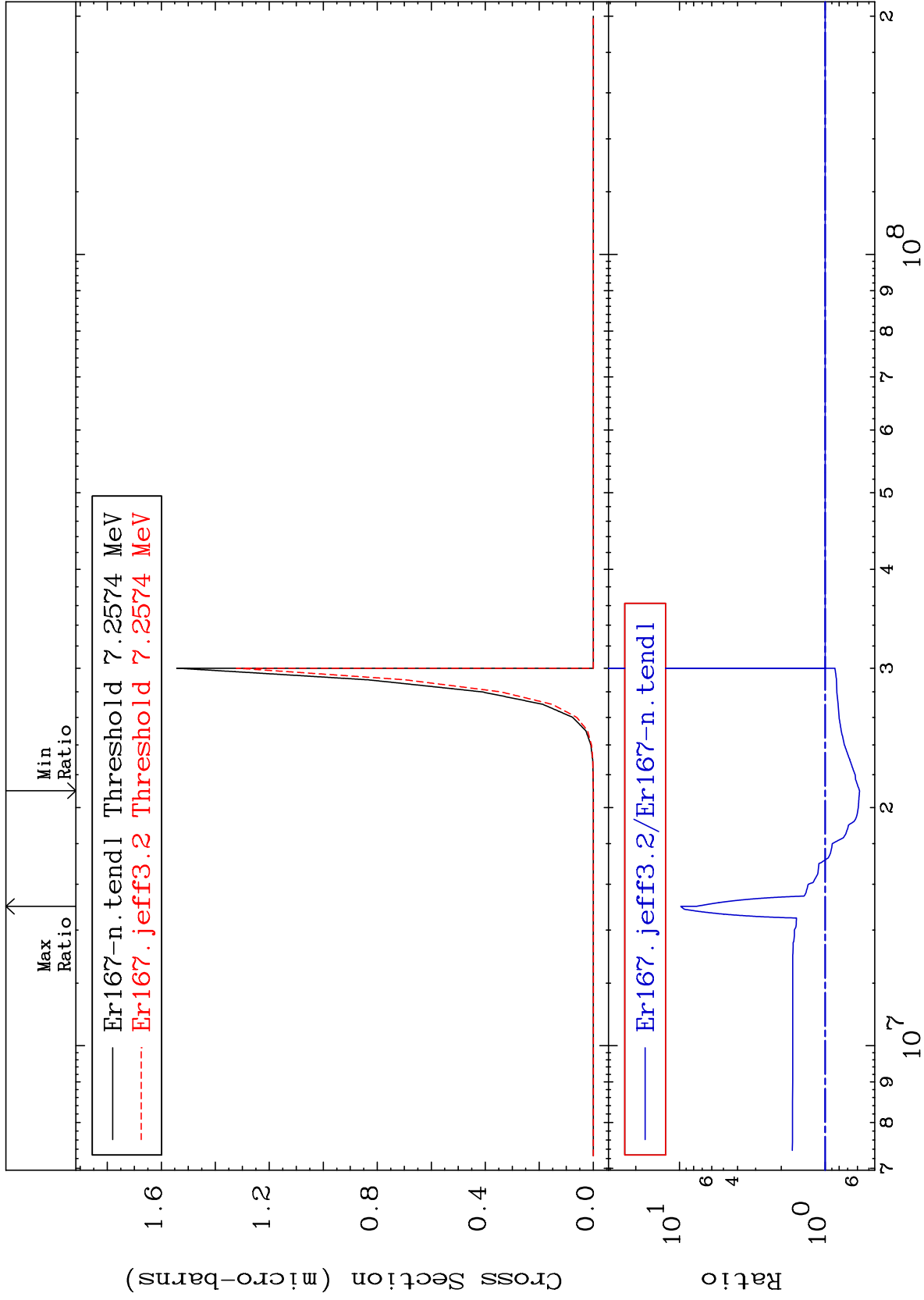
Cross Section

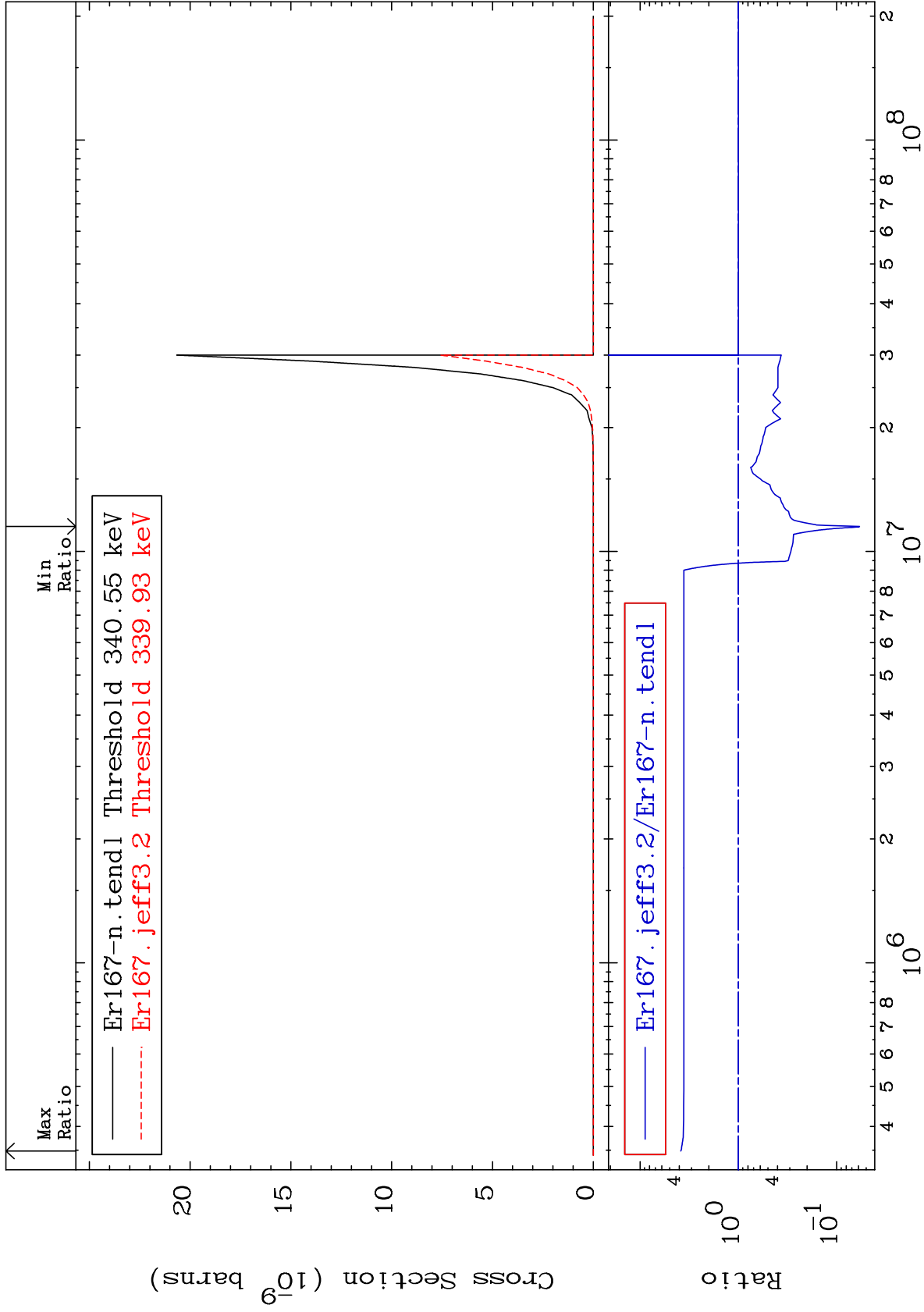
-73.95 To 59.64 %

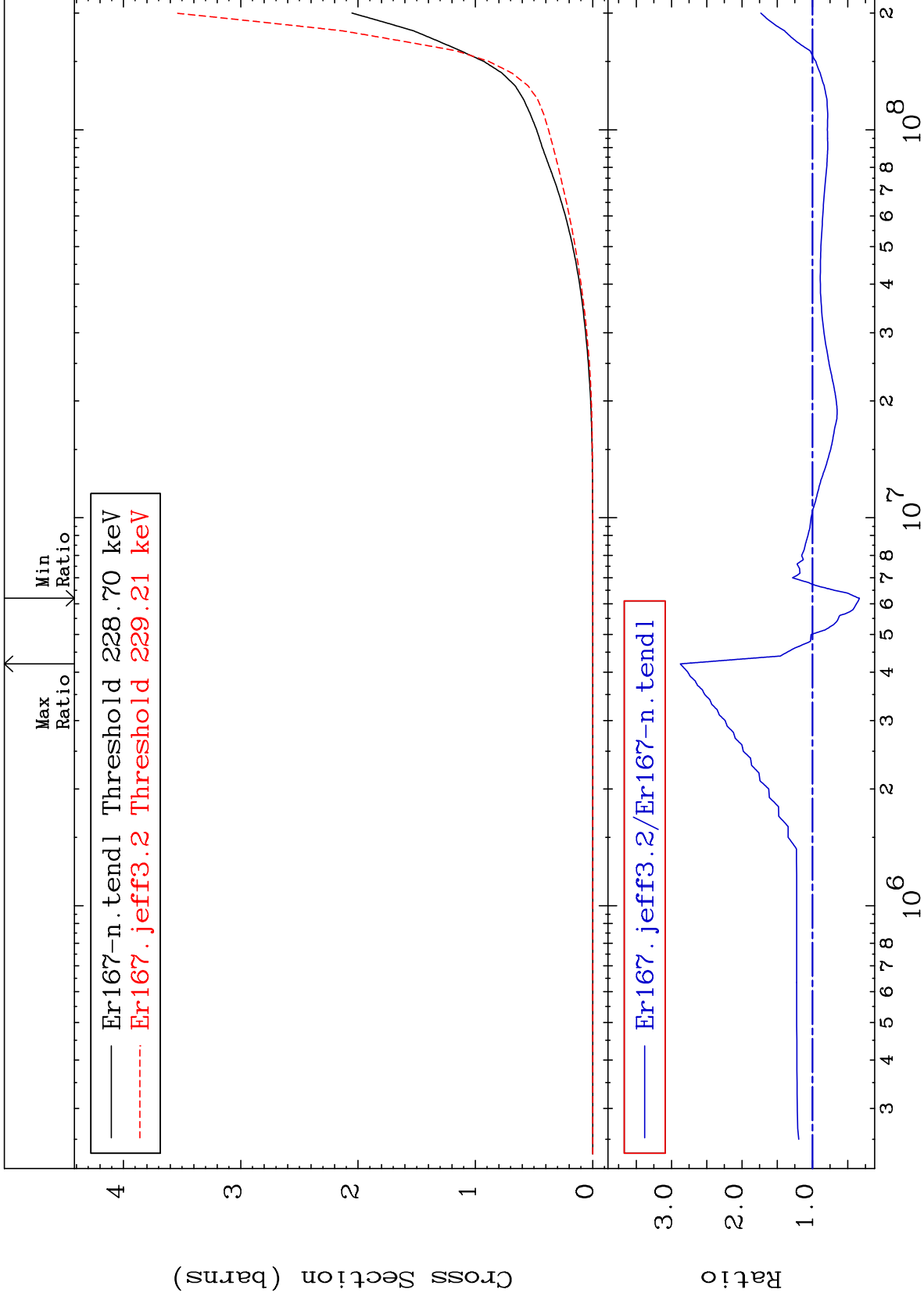


Cross Section

-42.00 To 880.5 %



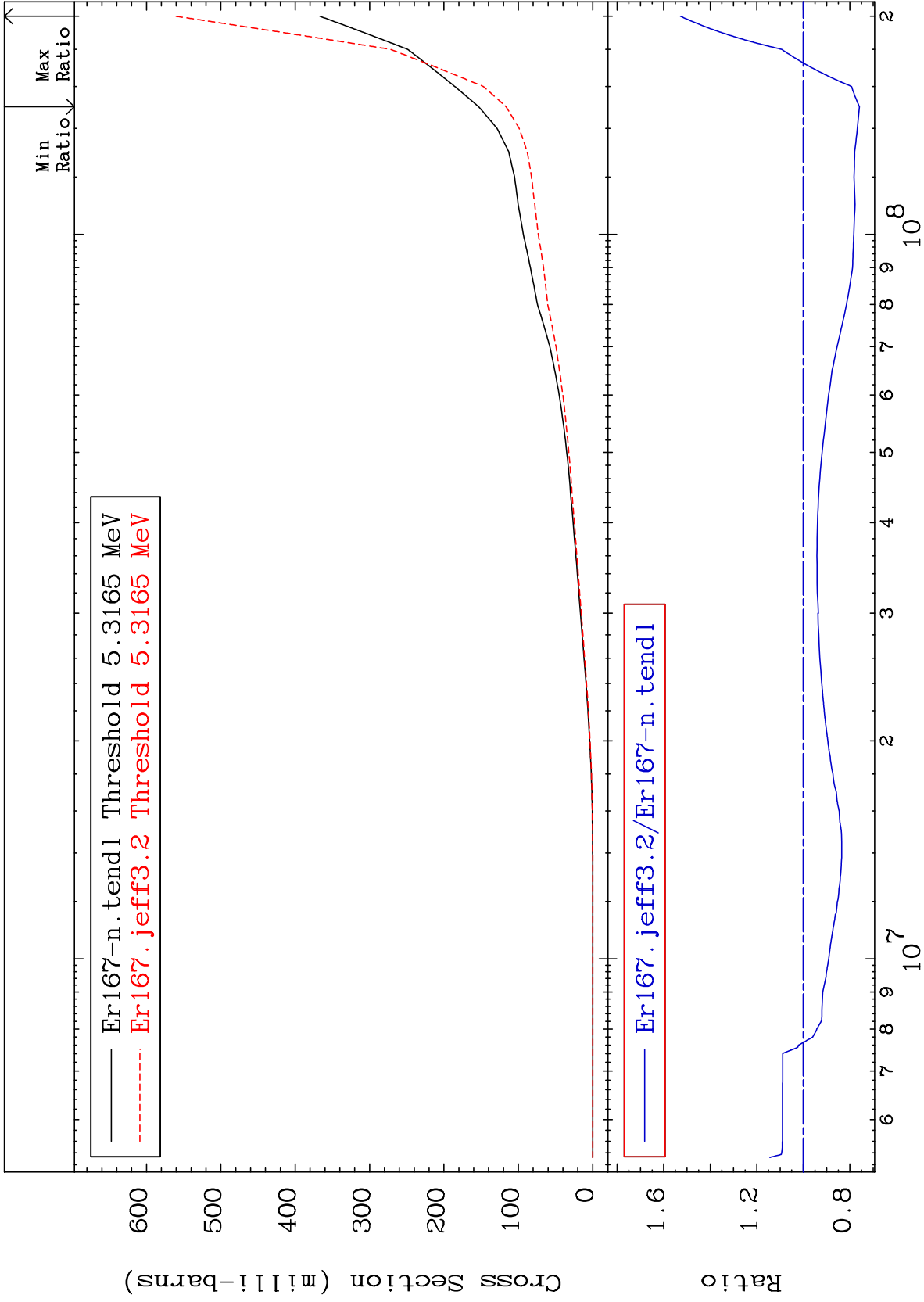




MAT 6840

Deuterium Production
Cross Section

68-Er-167
-24.08 To 52.85 %



60

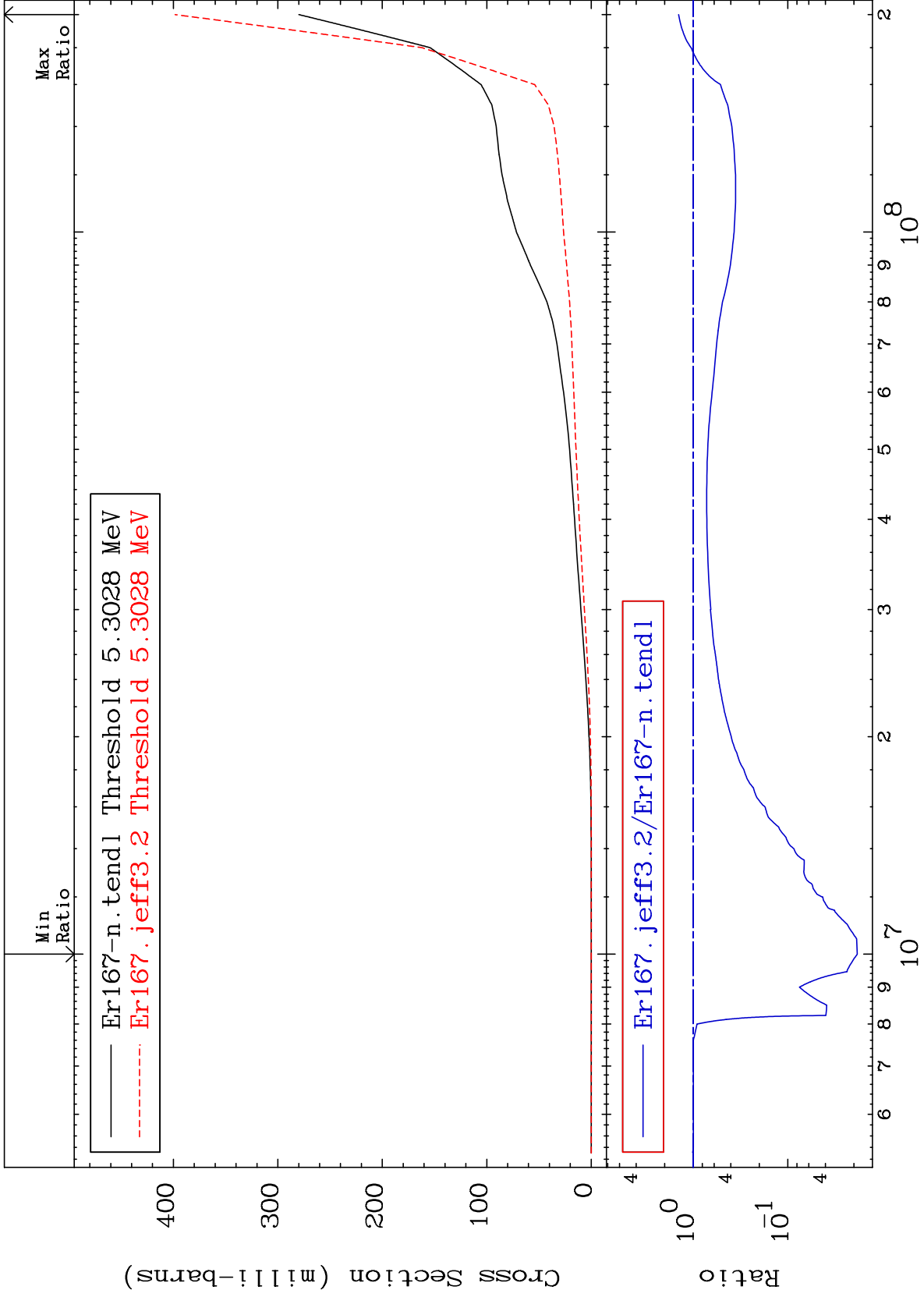
Incident Energy (eV)

68-Er-167

MAT 6840

Tritium Production
Cross Section

68-Er-167
-98.16 To 42.38 %



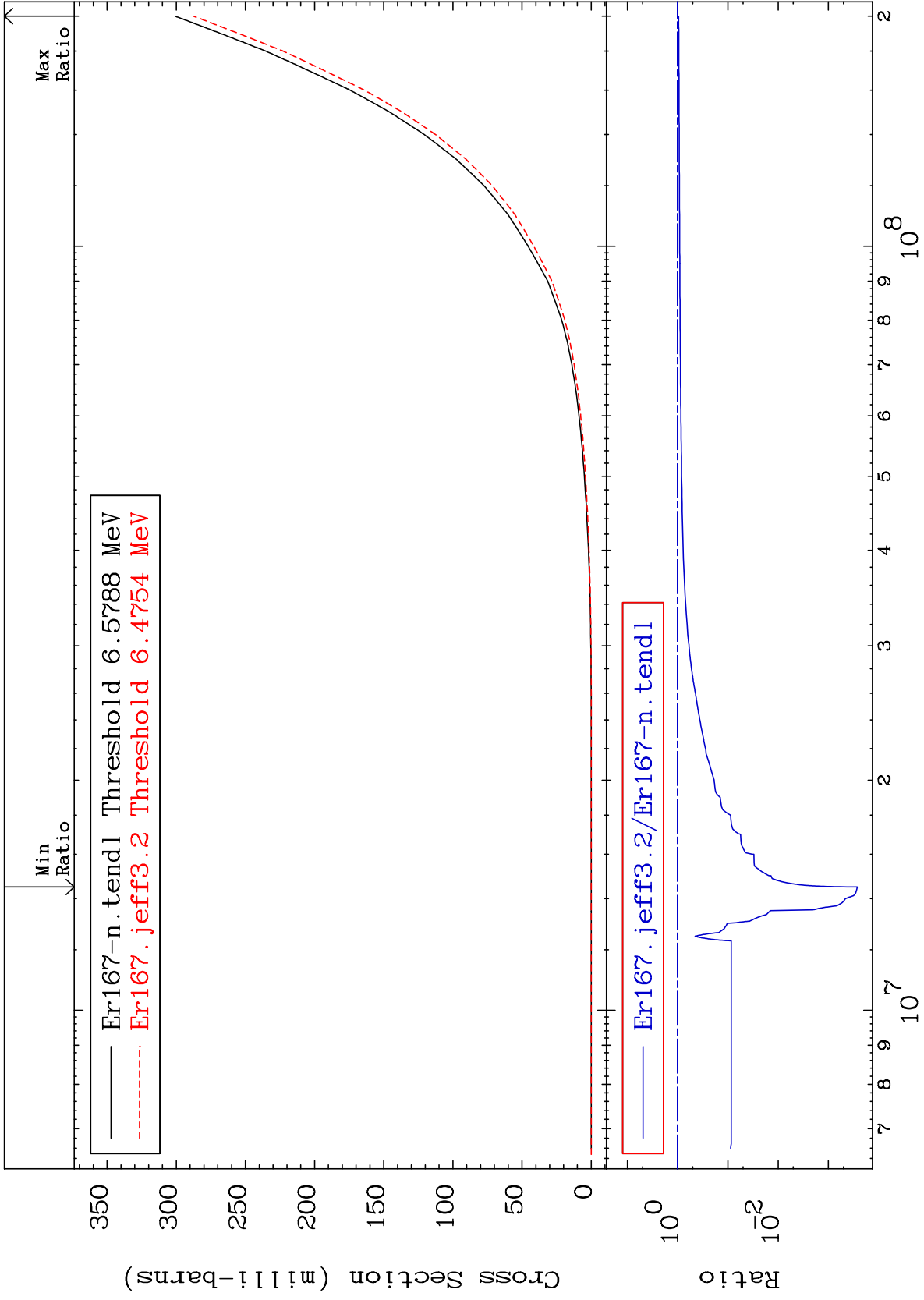
61

68-Er-167

MAT 6840

He-3 Production
Cross Section

68-Er-167
-99.97 To -4.423%



62

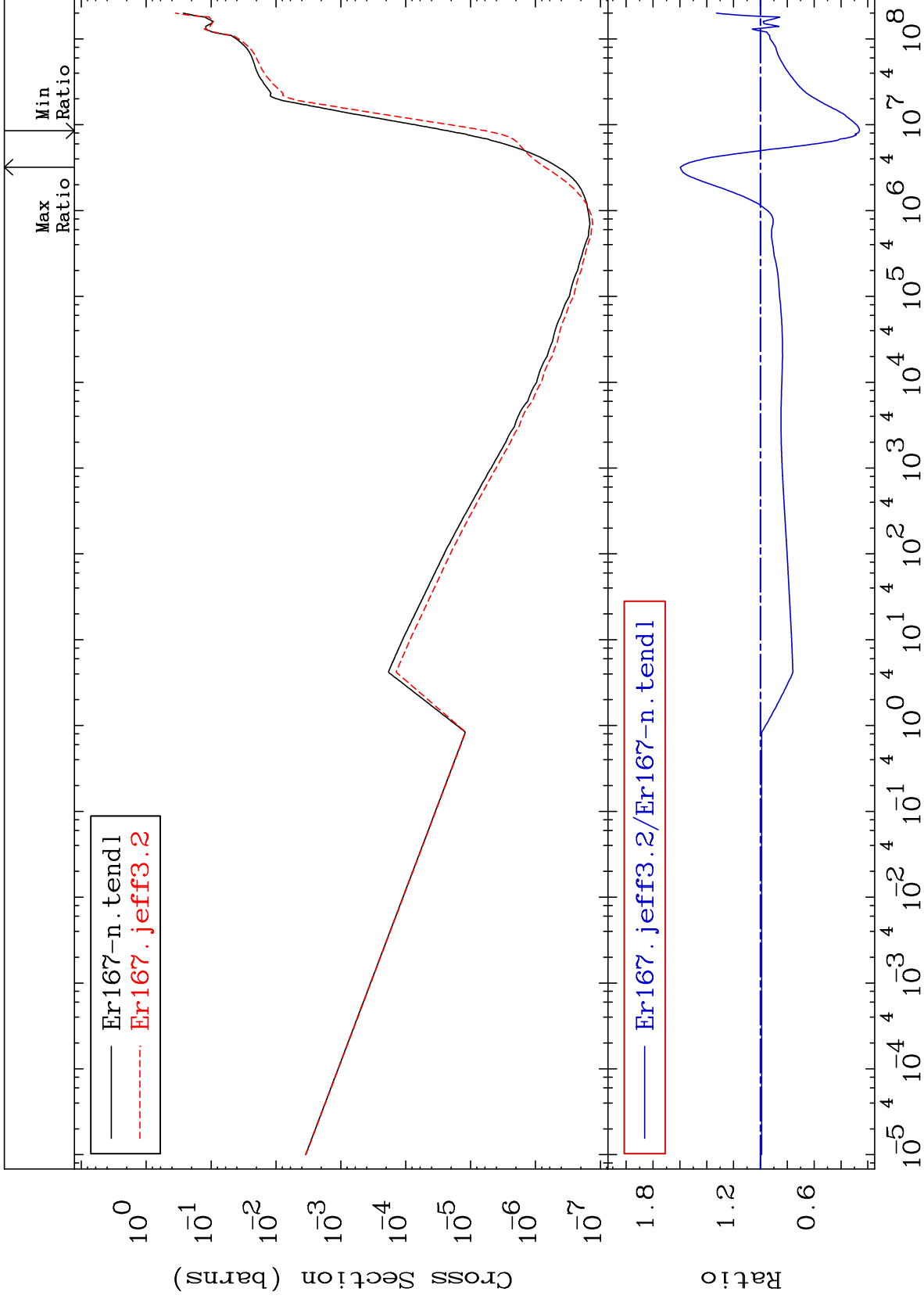
Incident Energy (eV)

68-Er-167

MAT 6840

He-4 Production
Cross Section

68-Er-167
-73.74 To 59.64 %



63

Incident Energy (eV)

68-Er-167

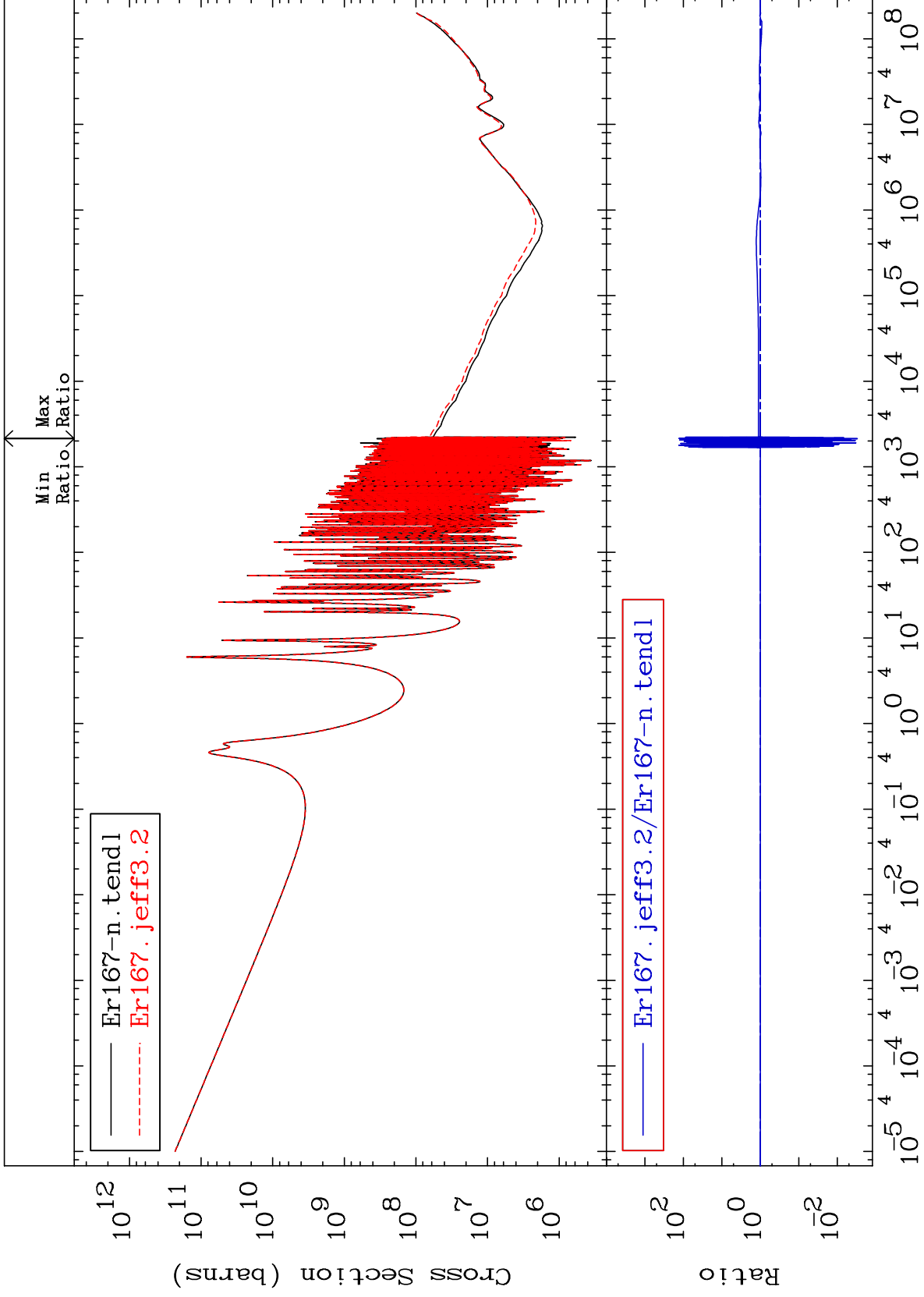
MAT 6840

Kerma total (eV-barns)

68-Er-167

Cross Section

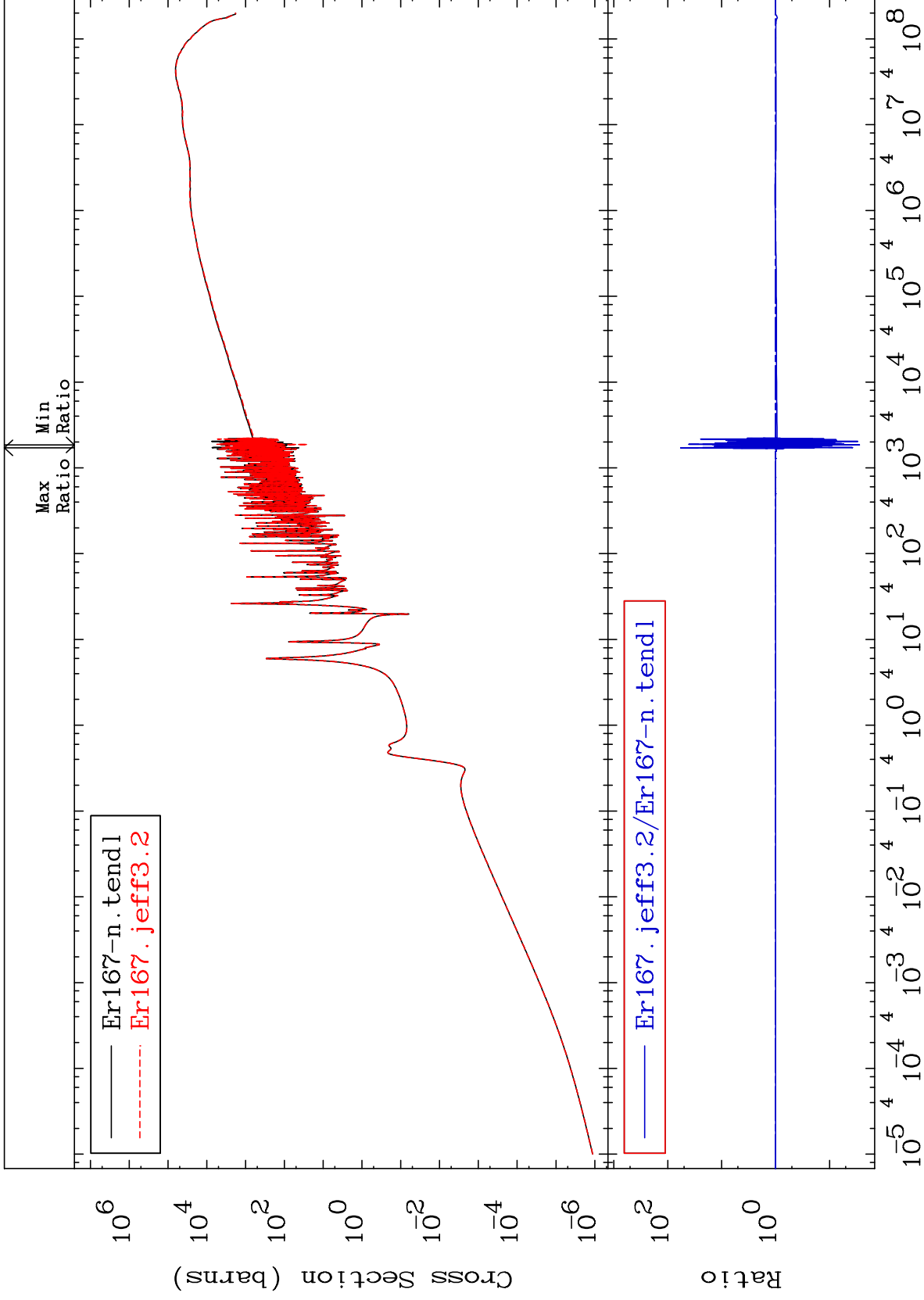
-99.70 To 9999. %

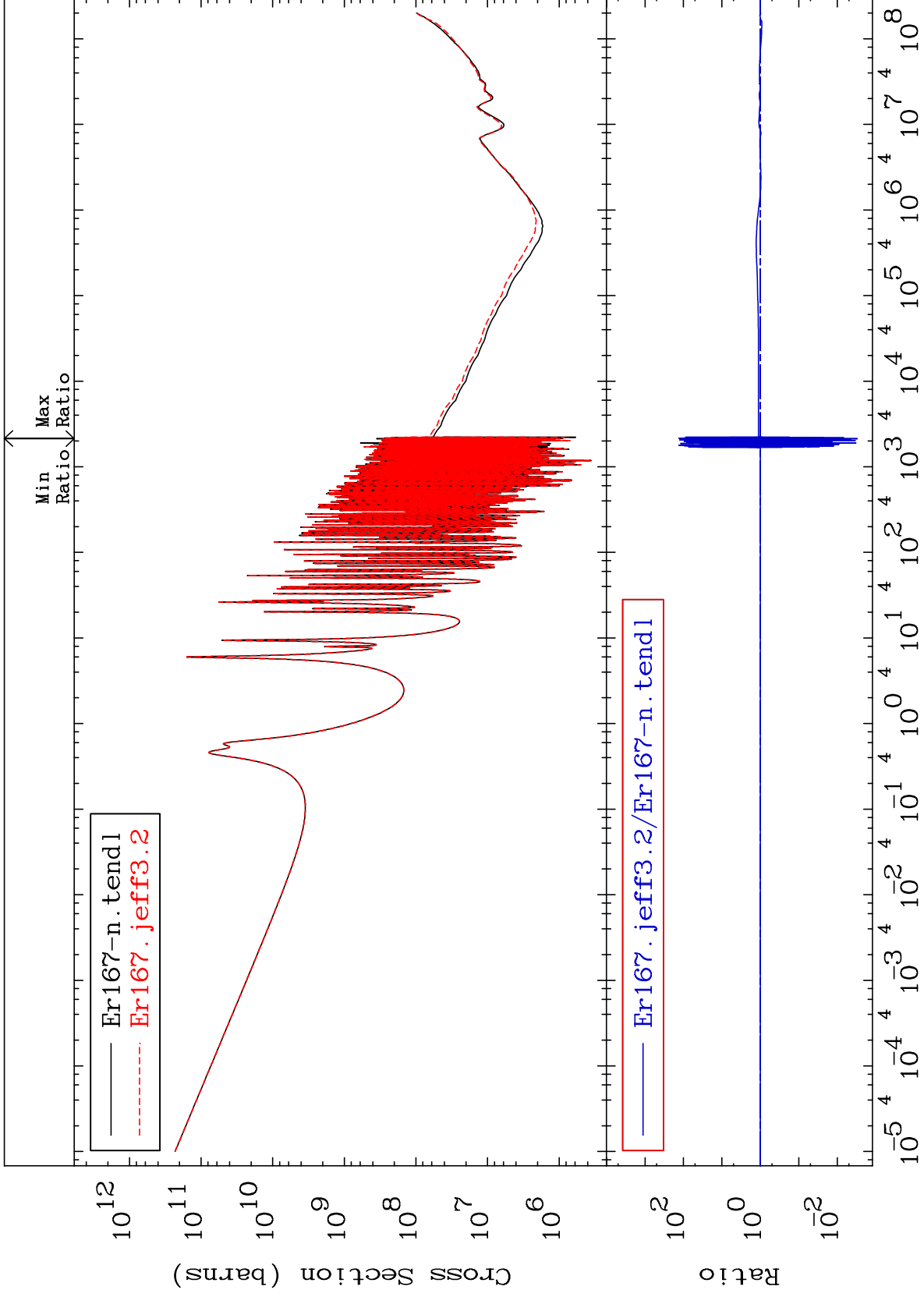


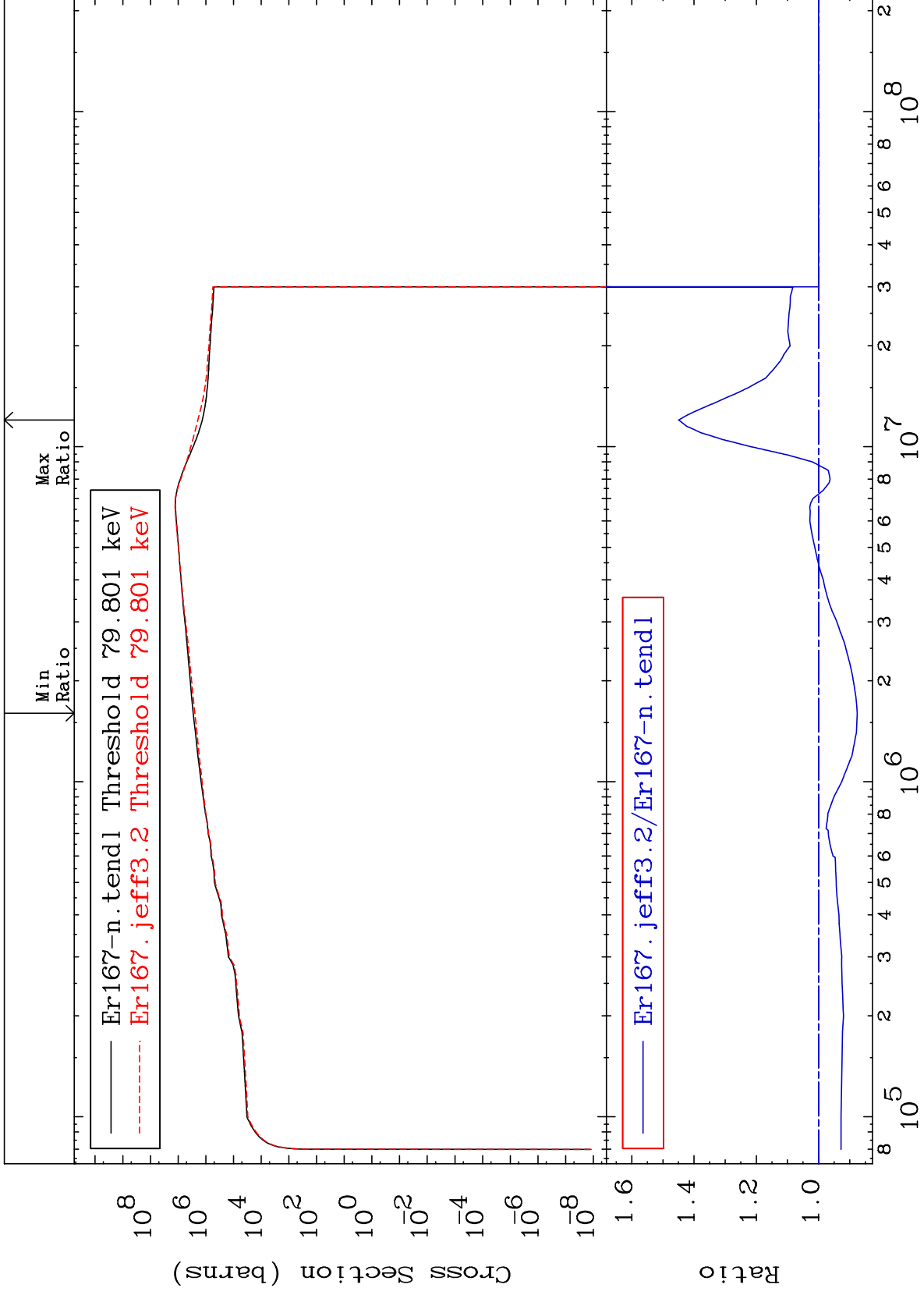
64

Incident Energy (eV)

68-Er-167



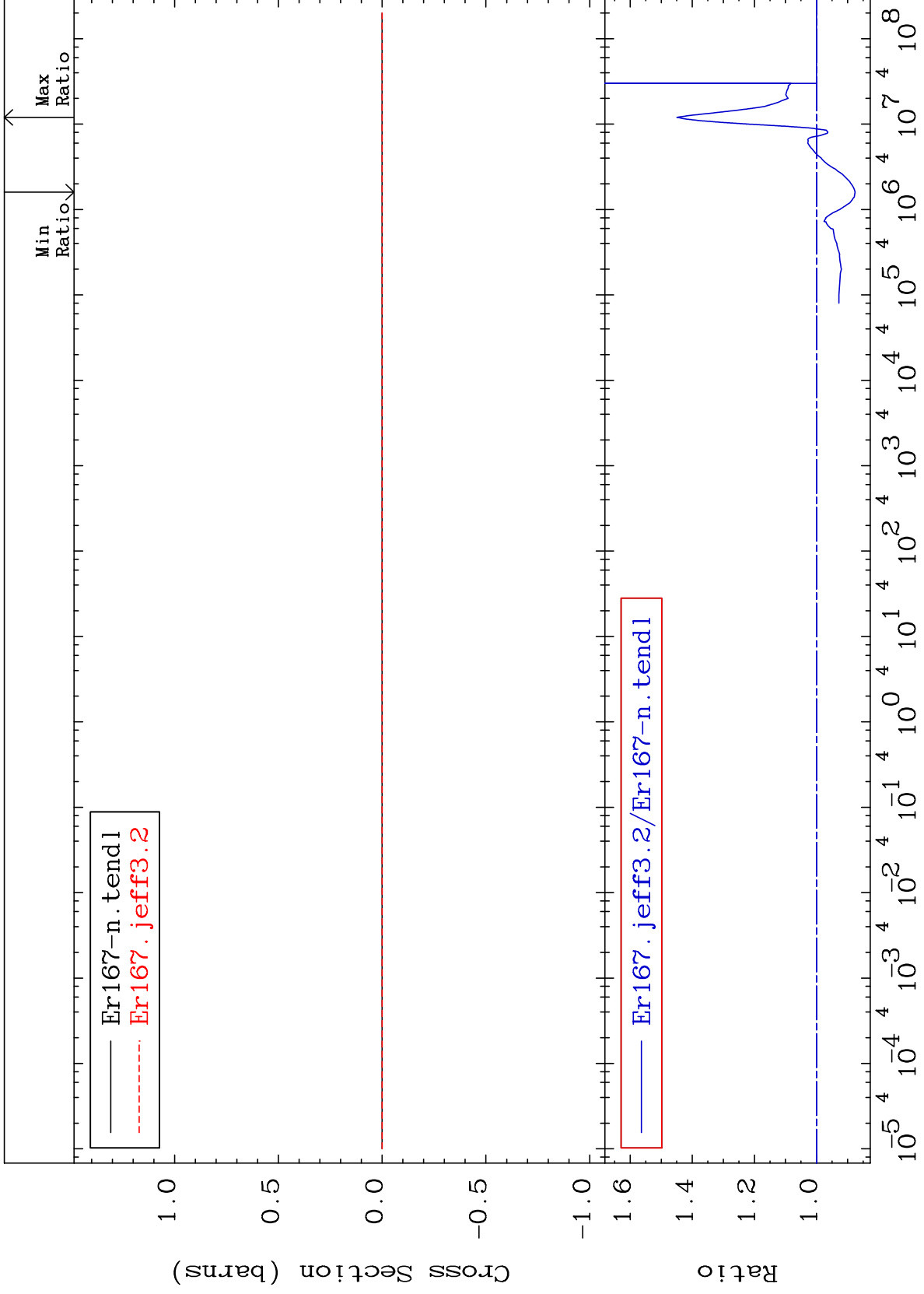


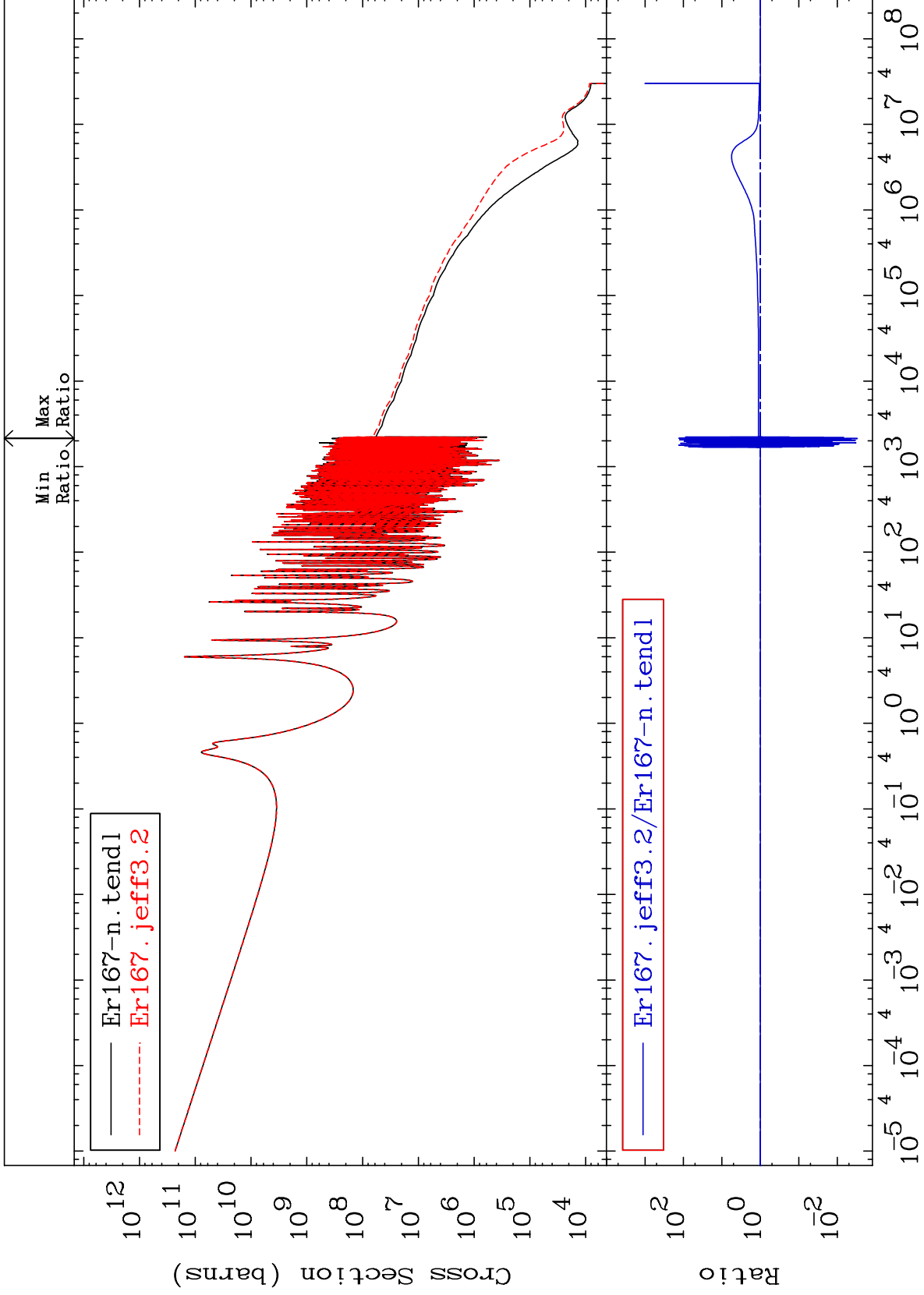


MAT 6840

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

68-Er-167
-12.42 To 44.94 %



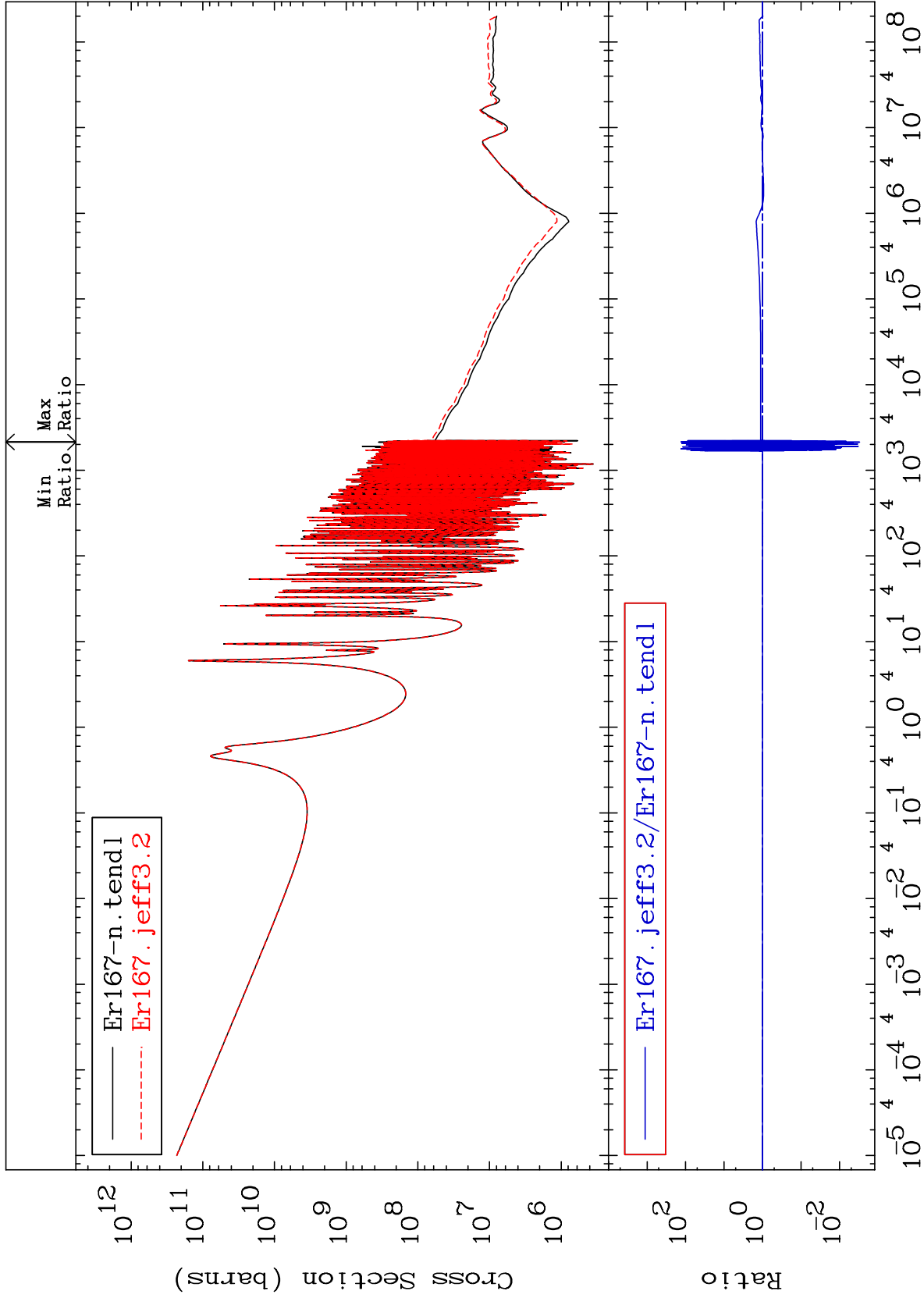


MAT 6840

Total photon (eV-barns)
Cross Section

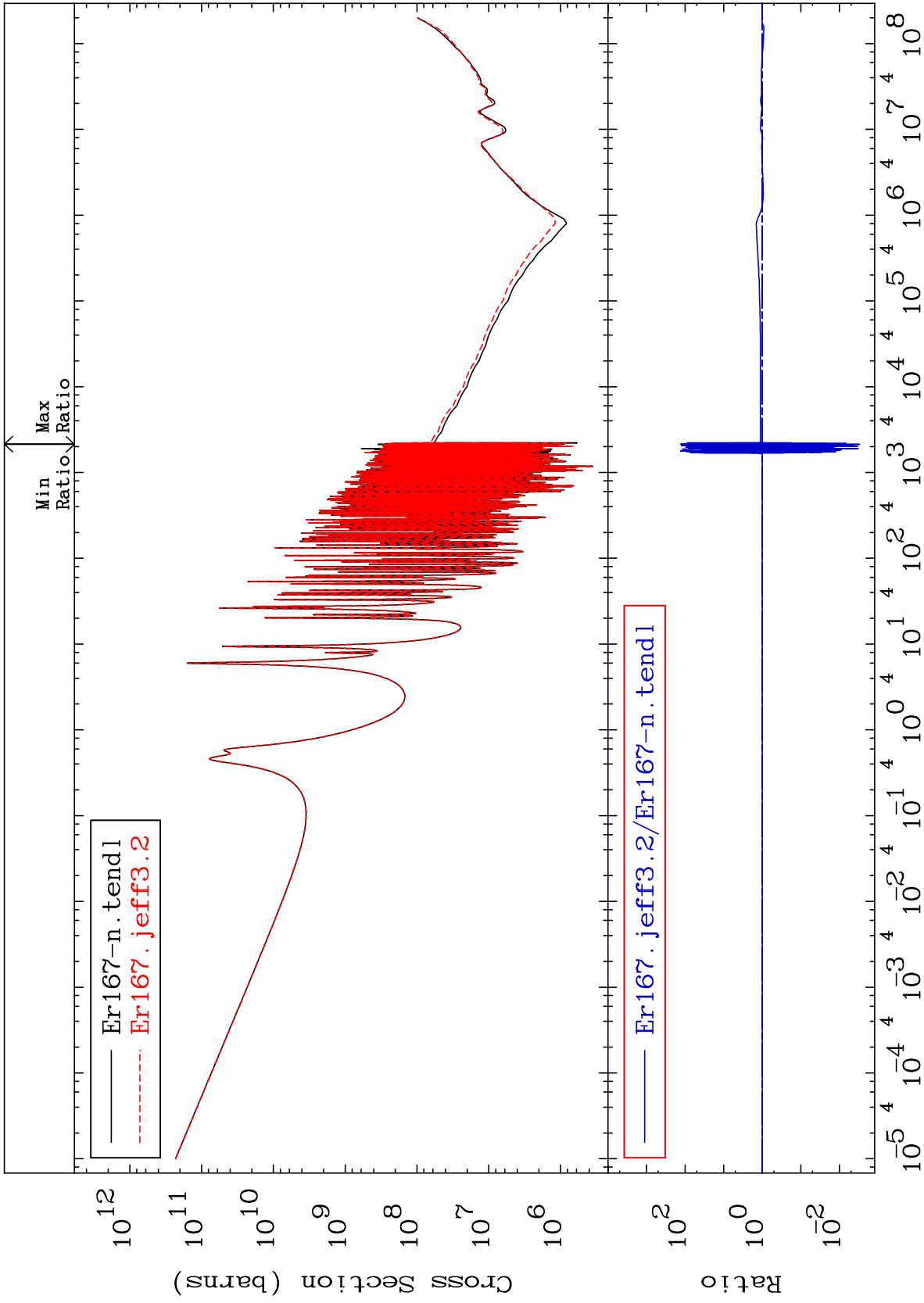
68-Er-167

-99.70 To 9999. %



70

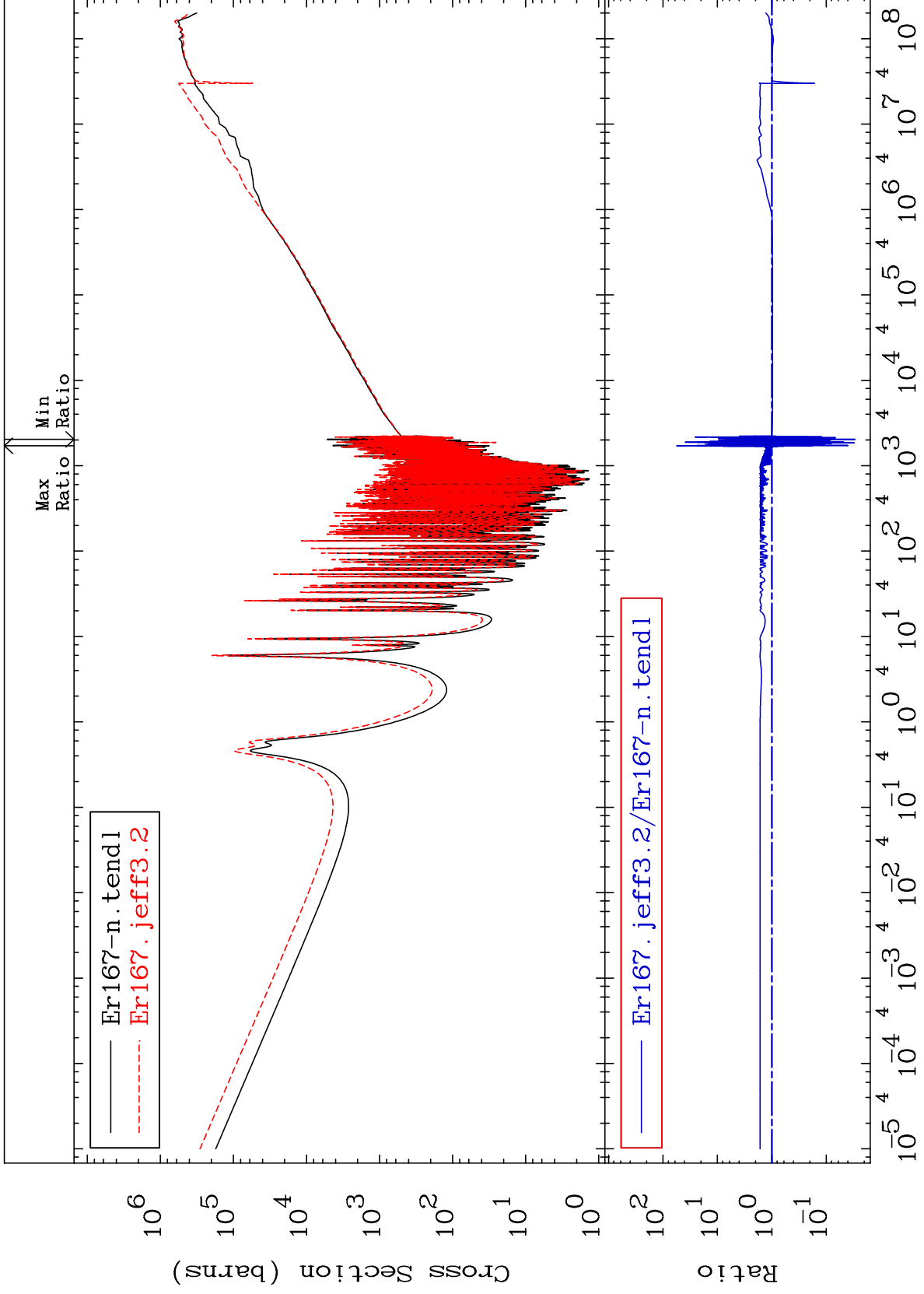
68-Er-167



MAT 6840

Dpa total (eV-barns)
Cross Section

68-Er-167
-97.06 To 5448. %



72

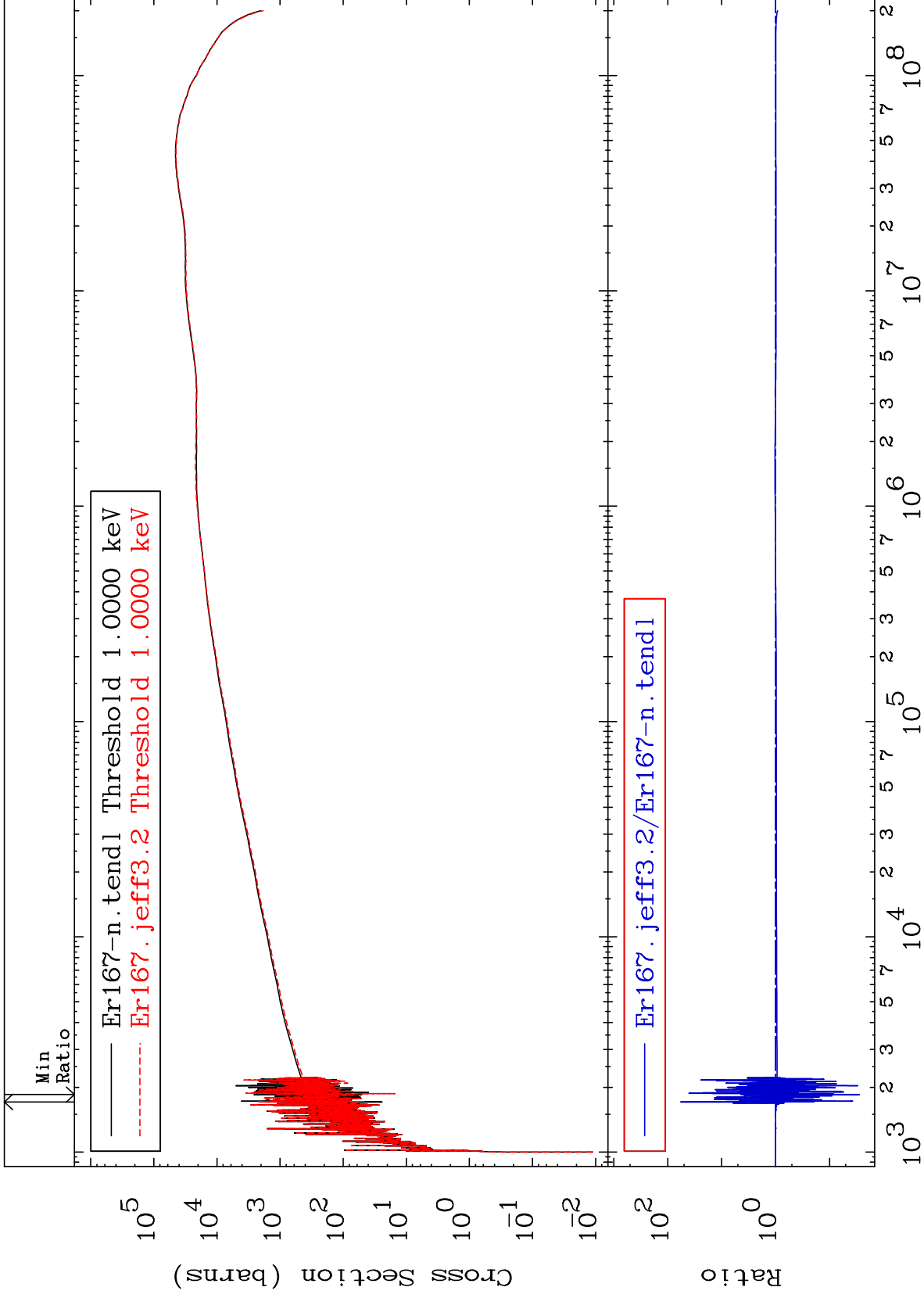
Incident Energy (eV)

68-Er-167

MAT 6840

Dpa elastic (mt2)
Cross Section

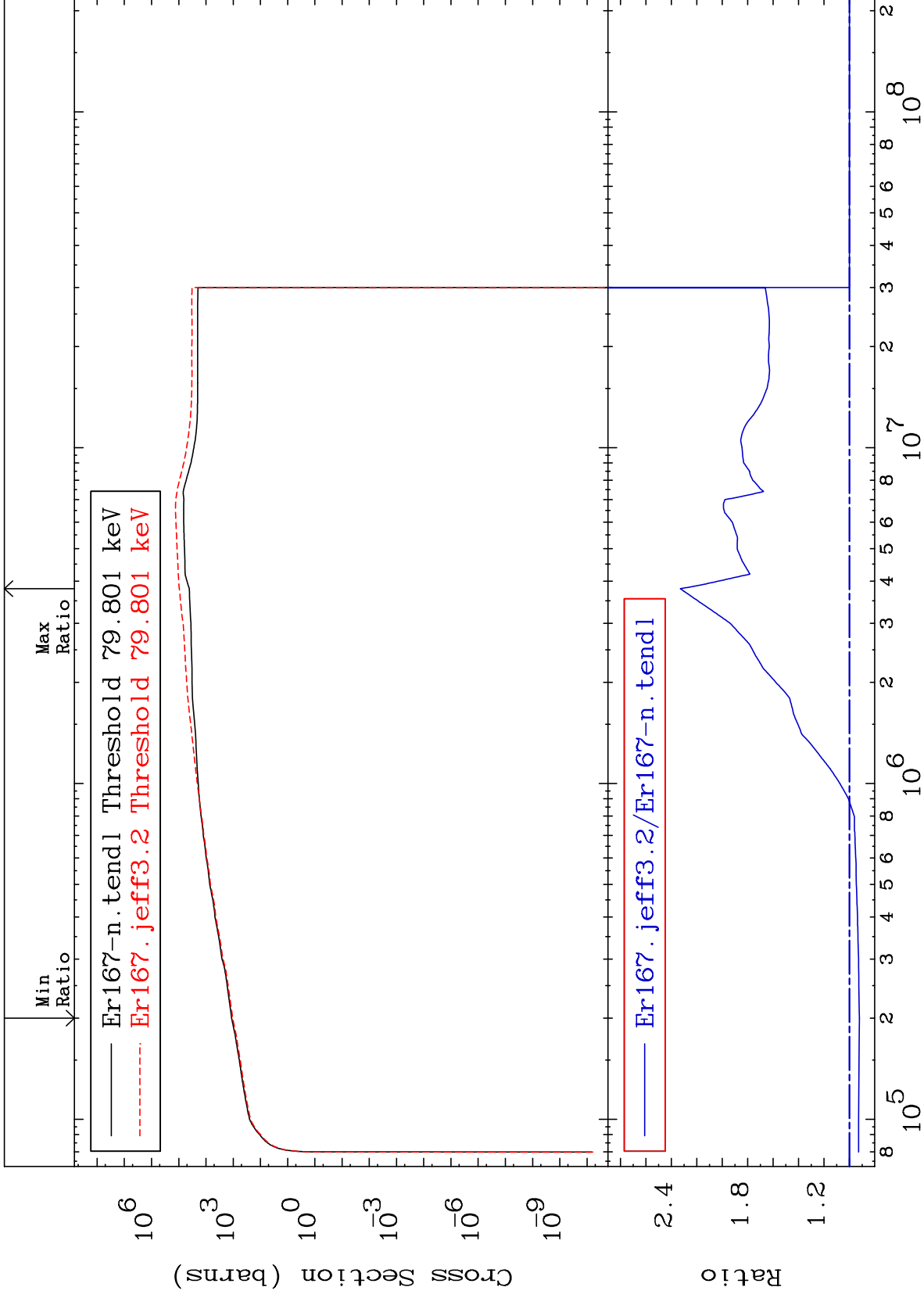
68-Er-167
-97.21 To 5734. %



73

Incident Energy (eV)

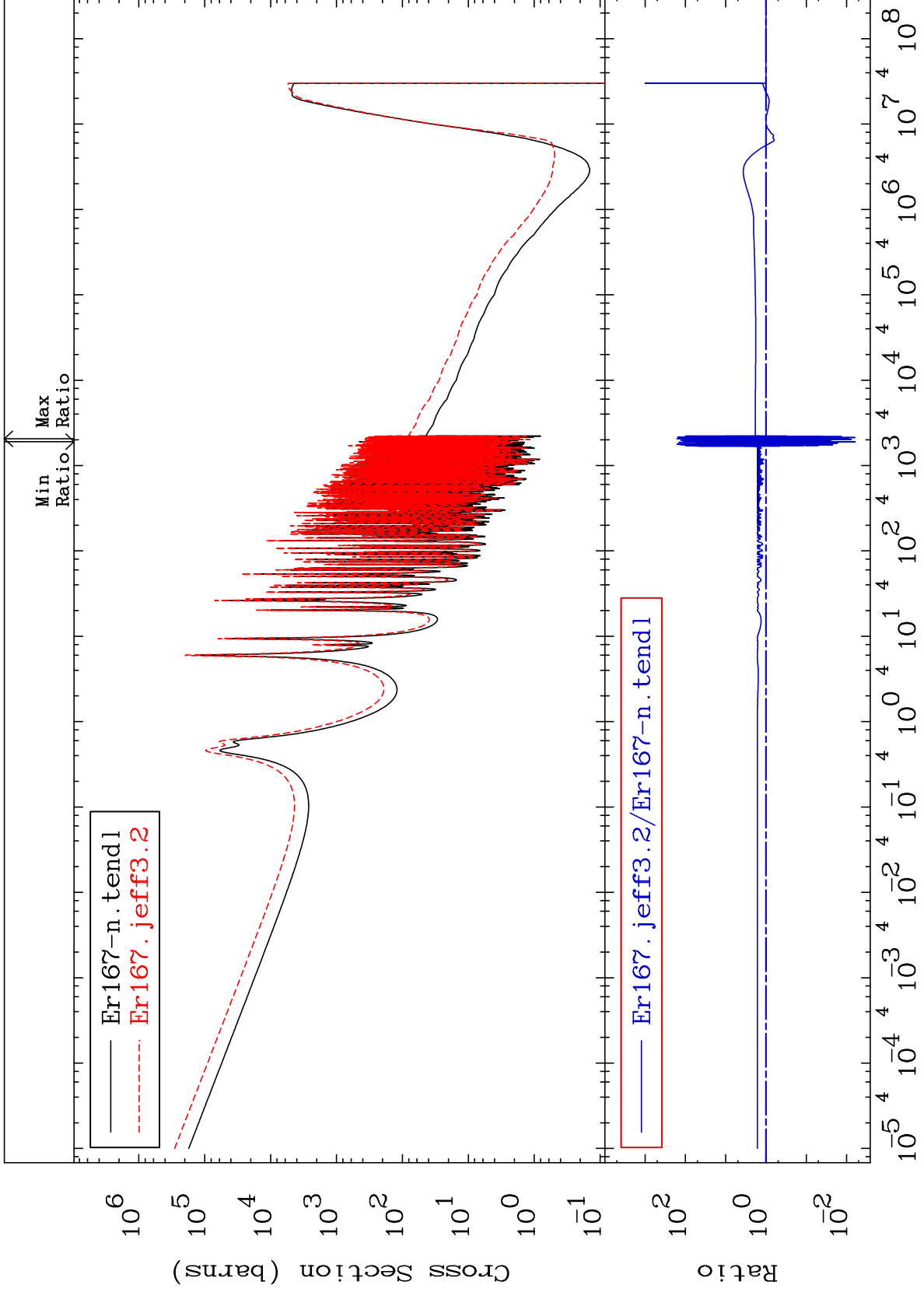
68-Er-167



MAT 6840

Dpa disappearance (mt102 -120)
Cross Section

68-Er-167
-99.39 To 9999. %



75

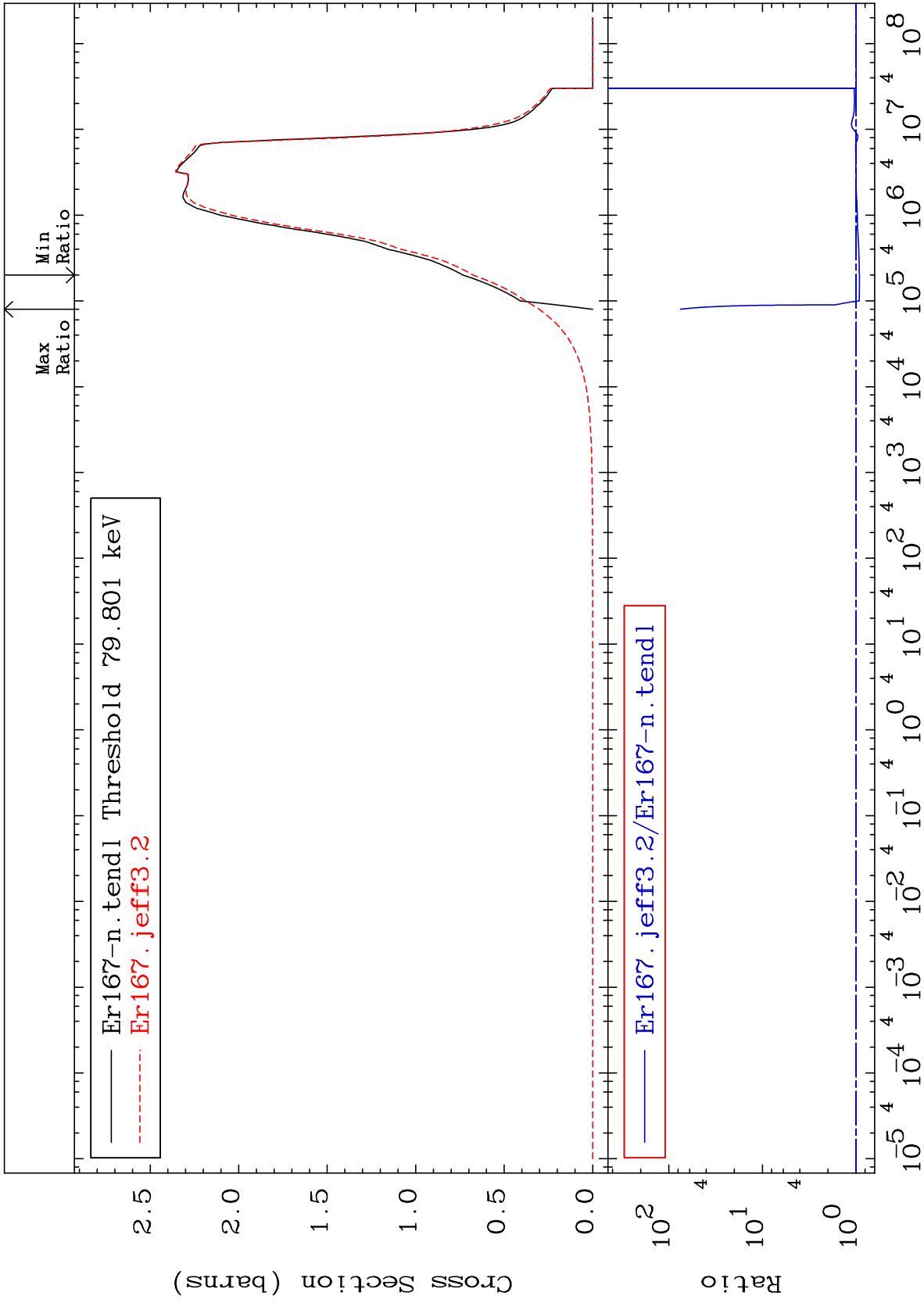
Incident Energy (eV)

68-Er-167

MAT 6840

Inelastic:68-Er-167
Radionuclide Production Cross Section -7.893 To 7445. %

68-Er-167

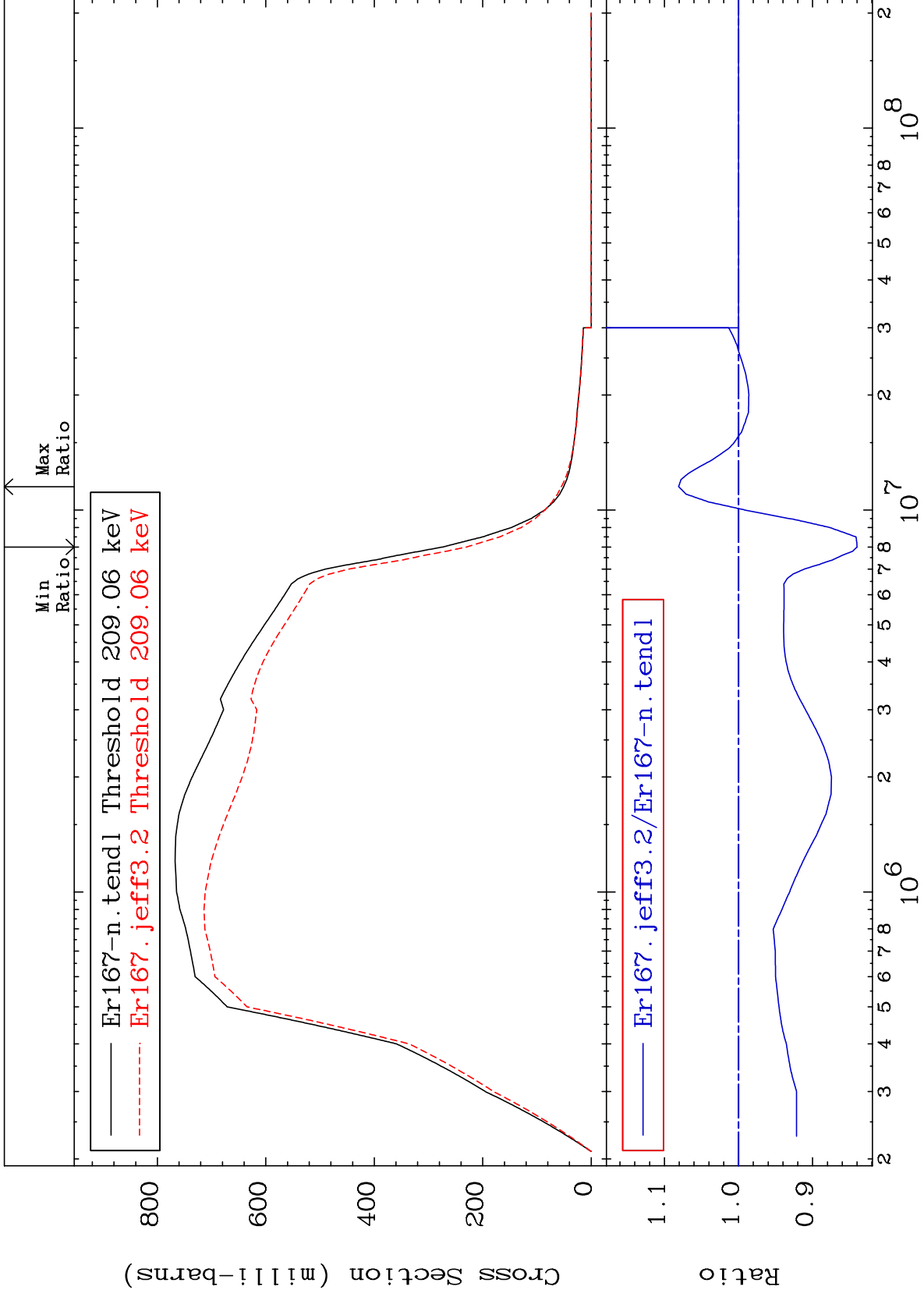


76

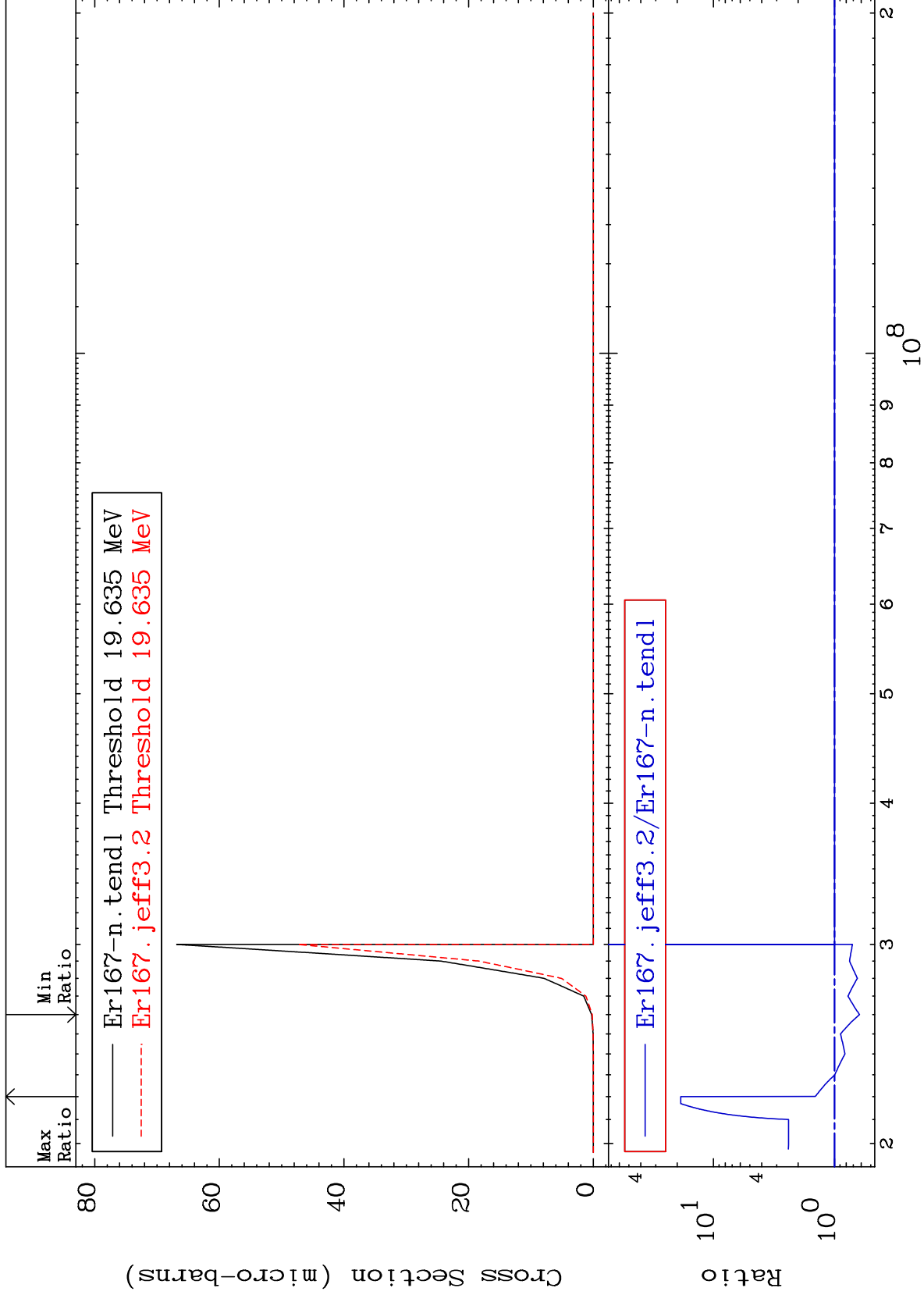
Incident Energy (eV)

68-Er-167

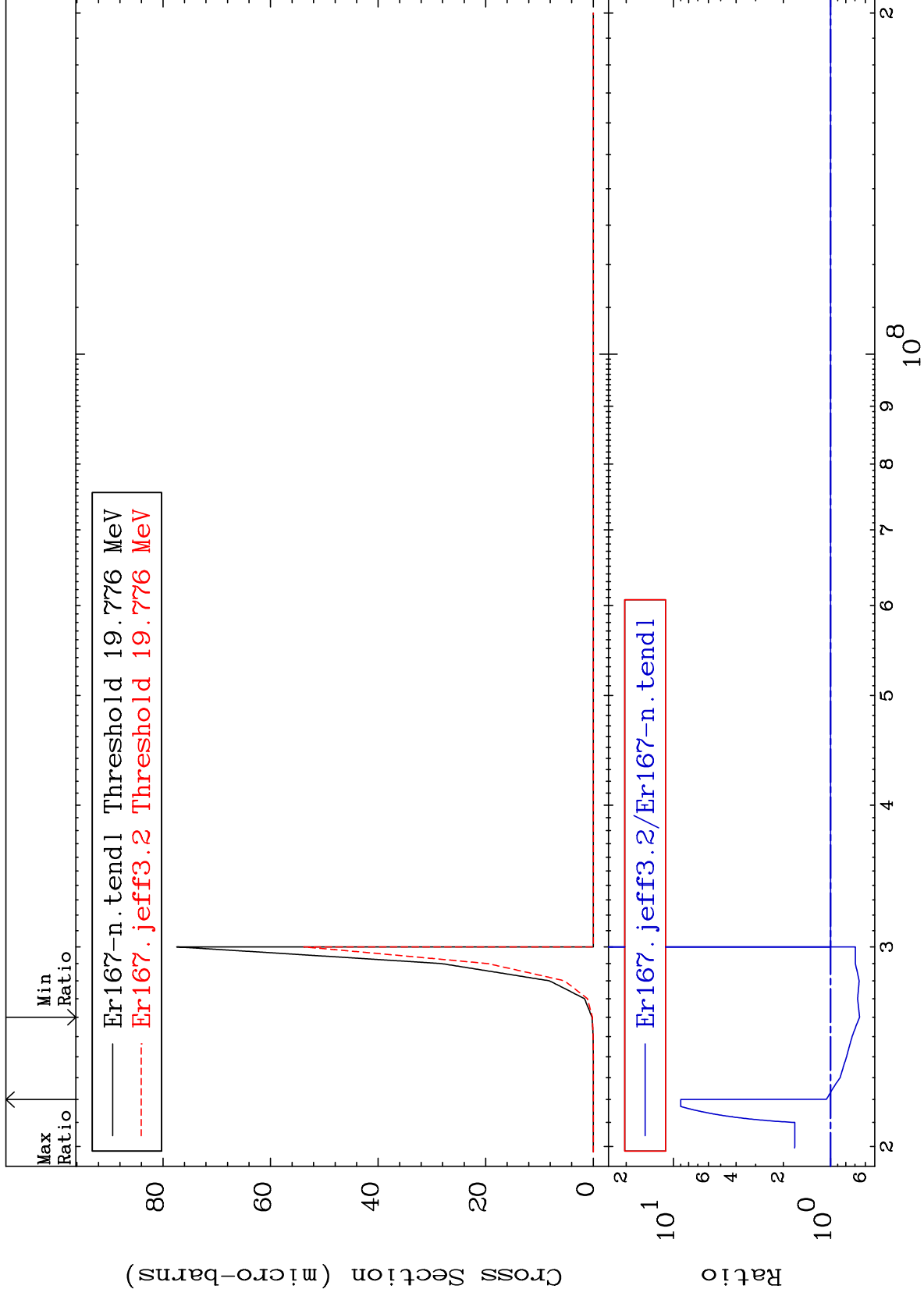
Radionuclide Production Cross Section -16.02 To 8.083 %

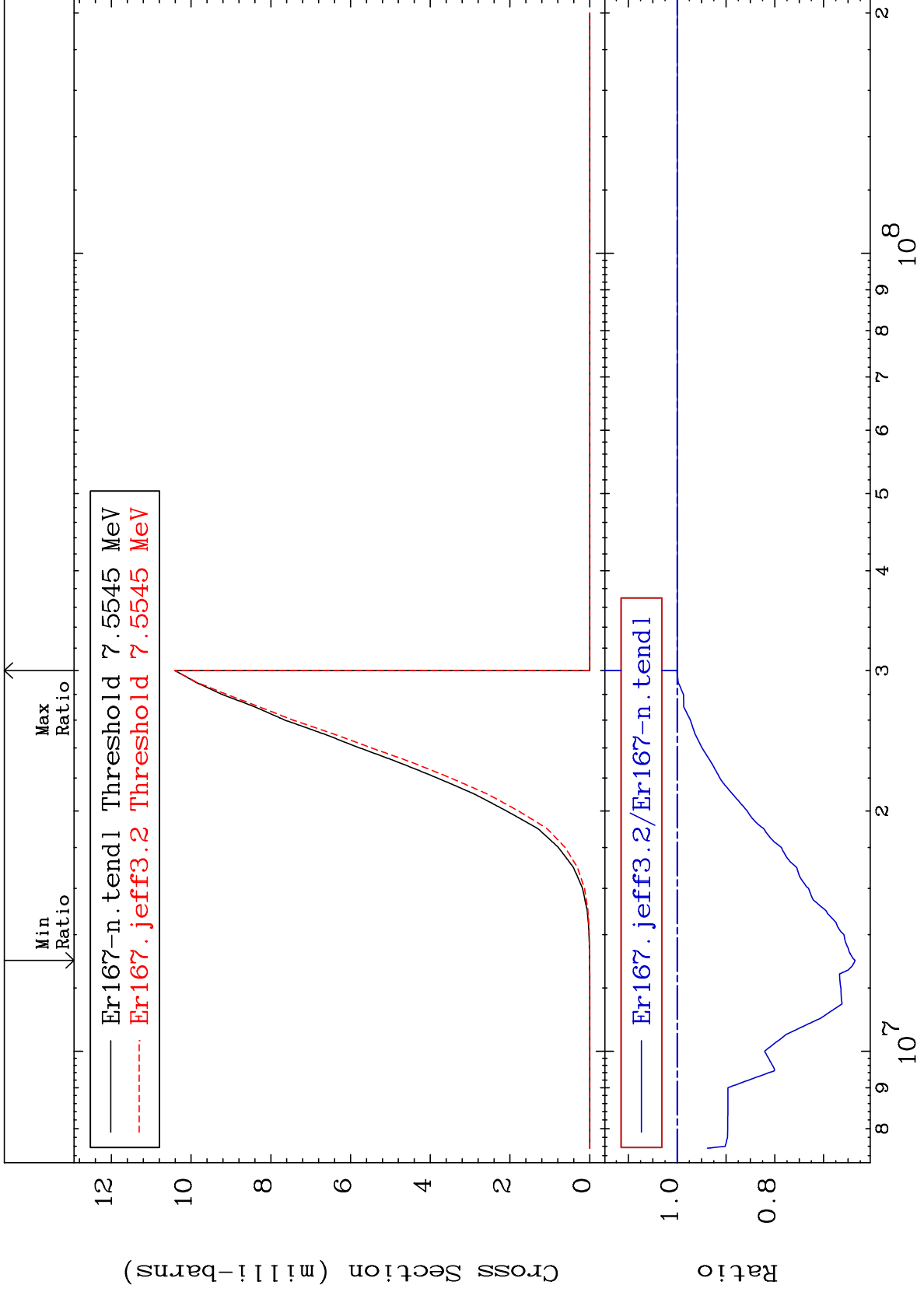


Radionuclide Production Cross Section -37.95 To 1765. %

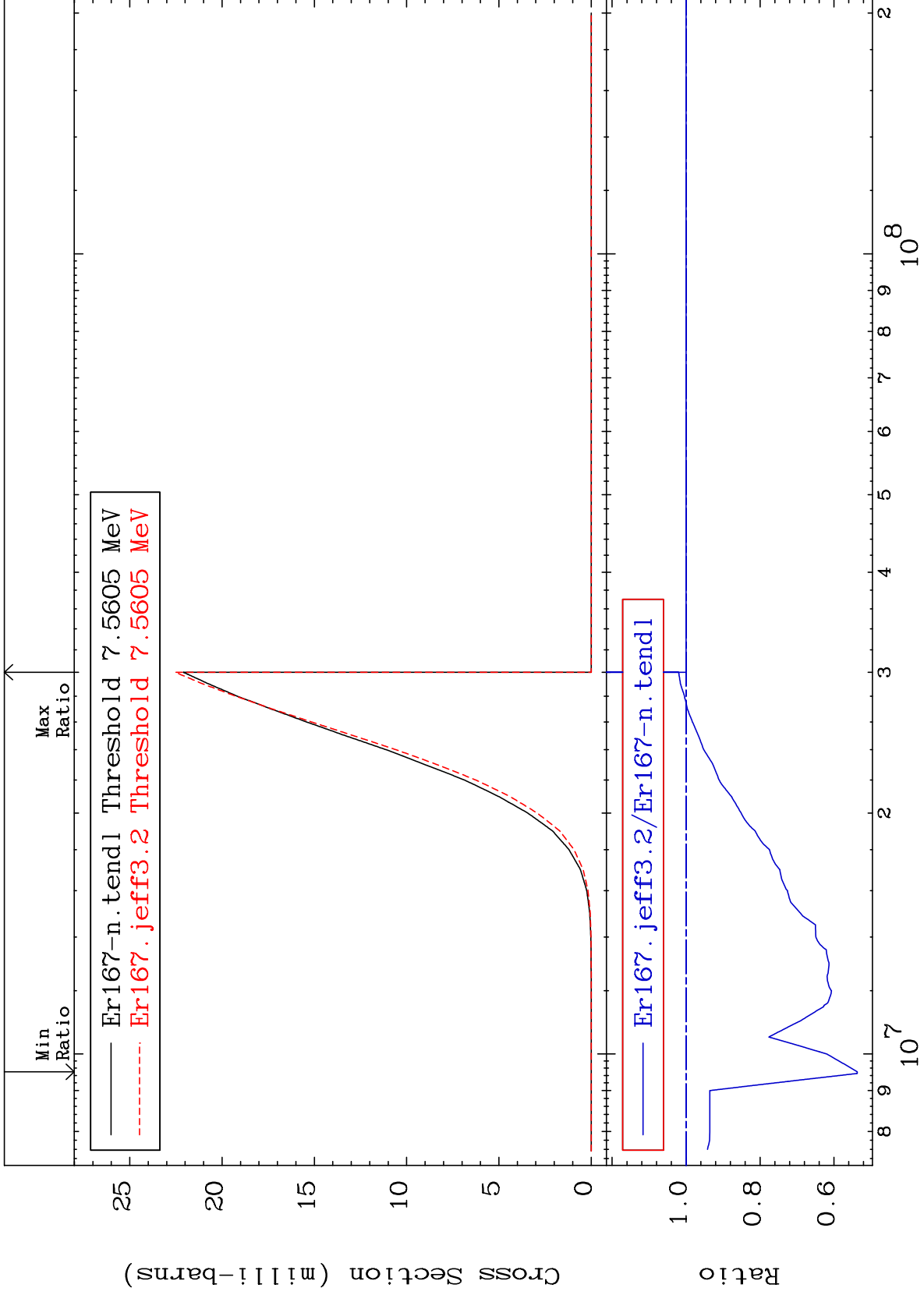


Radionuclide Production Cross Section -34.63 To 799.1 %





Radionuclide Production Cross Section -46.29 To 2.013 %

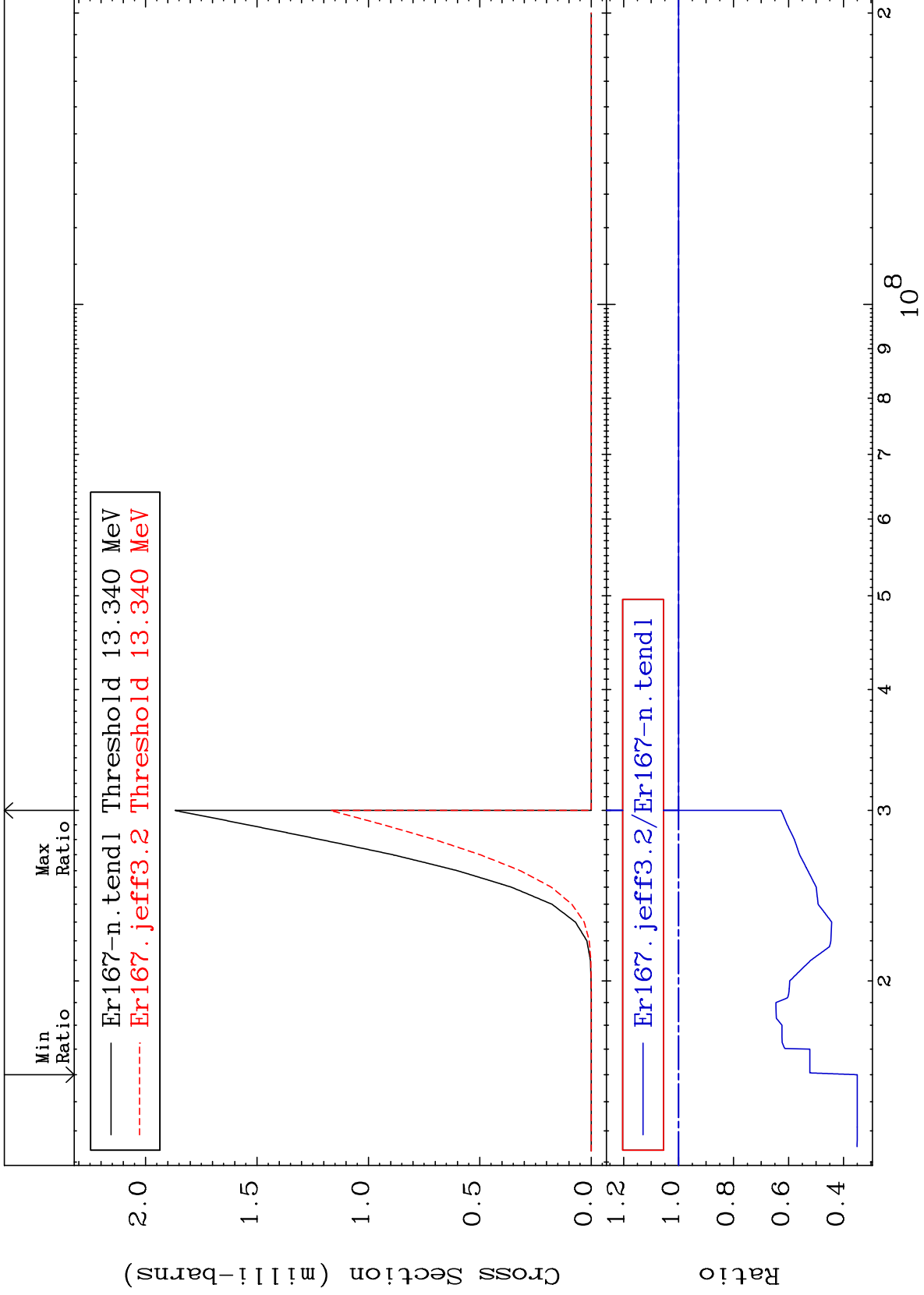


MAT 6840

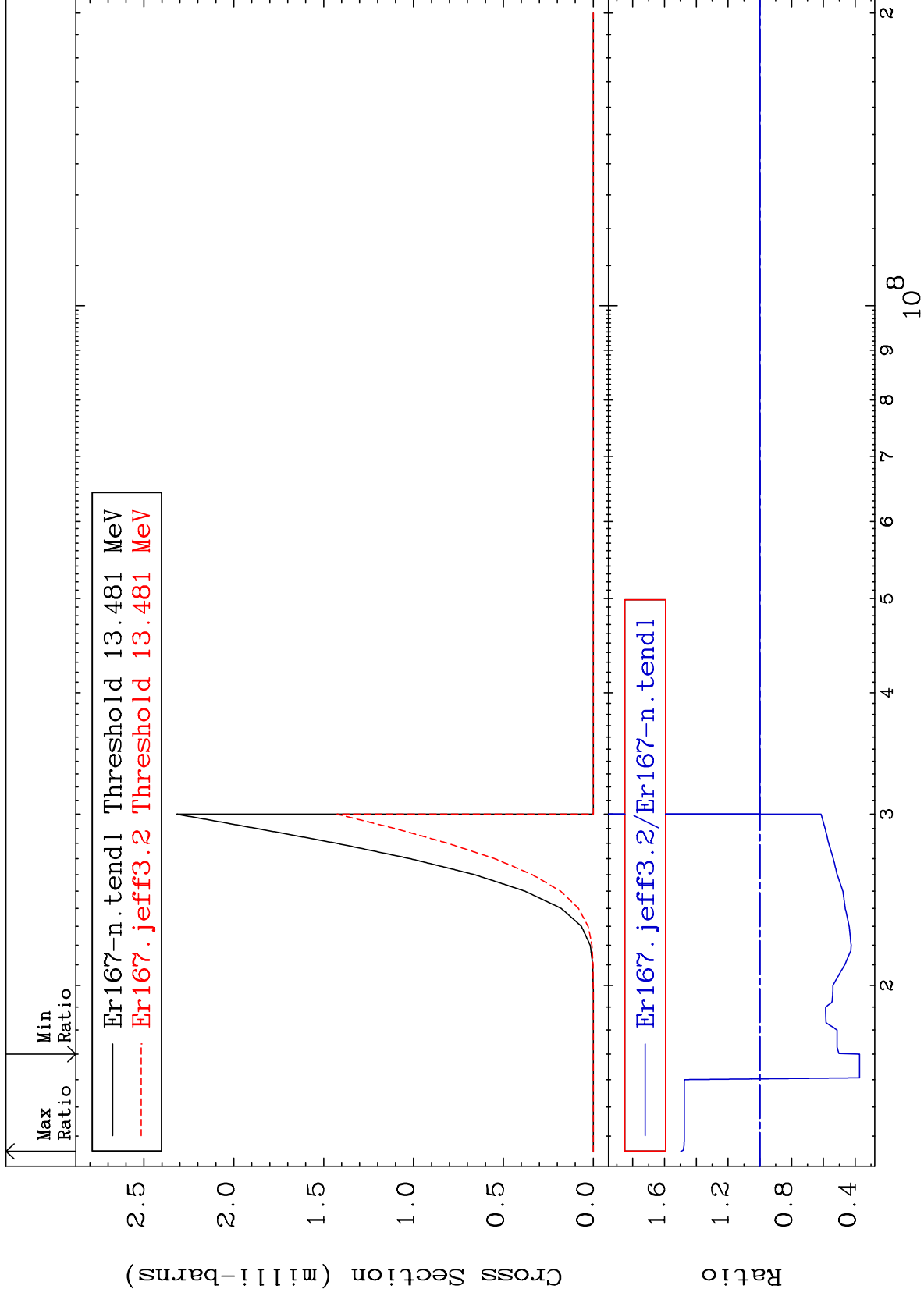
(n, n') t:67-Ho-164g

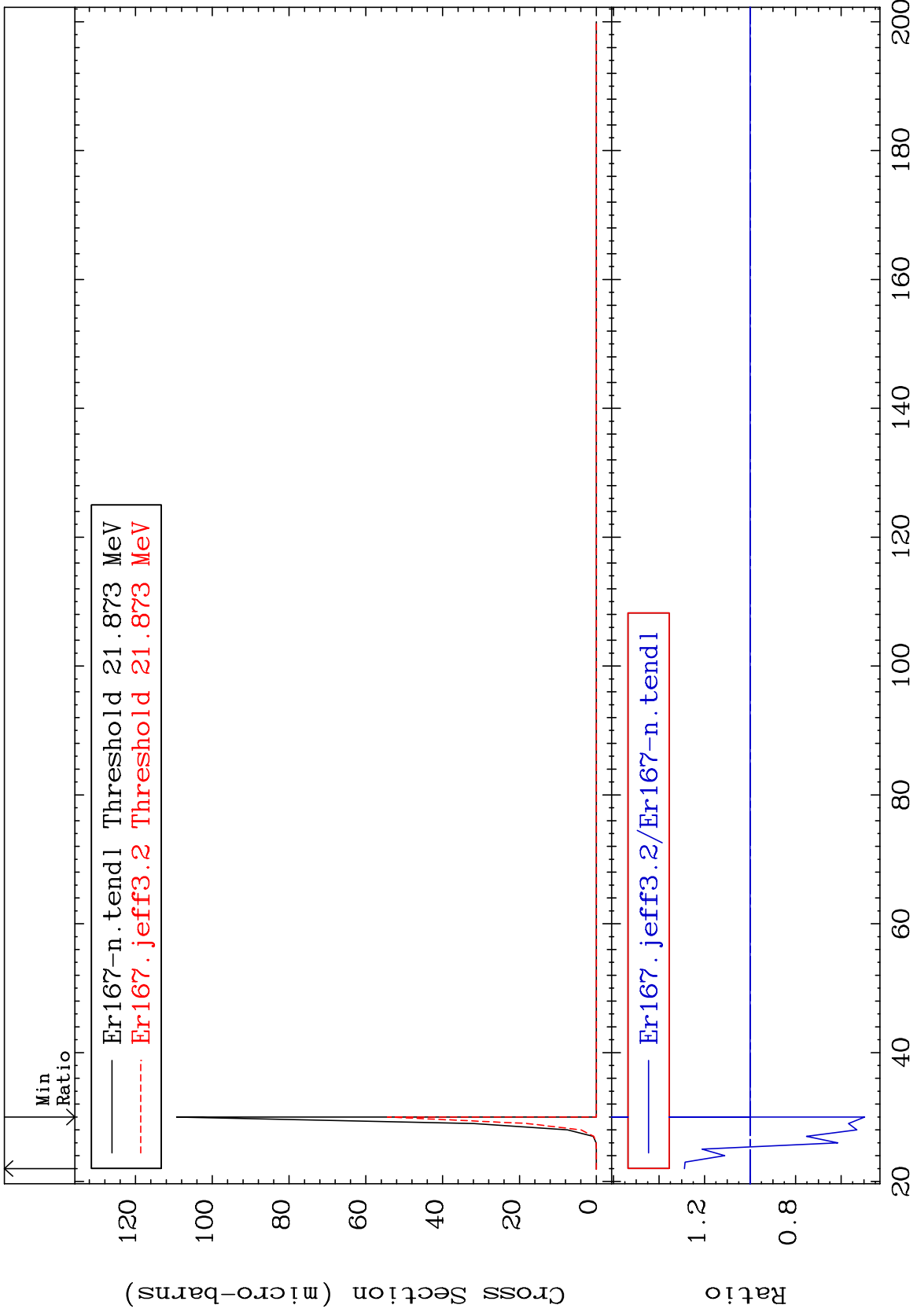
68-Er-167

Radionuclide Production Cross Section -65.00 To 0.000 %



Radionuclide Production Cross Section -62.74 To 49.75 %



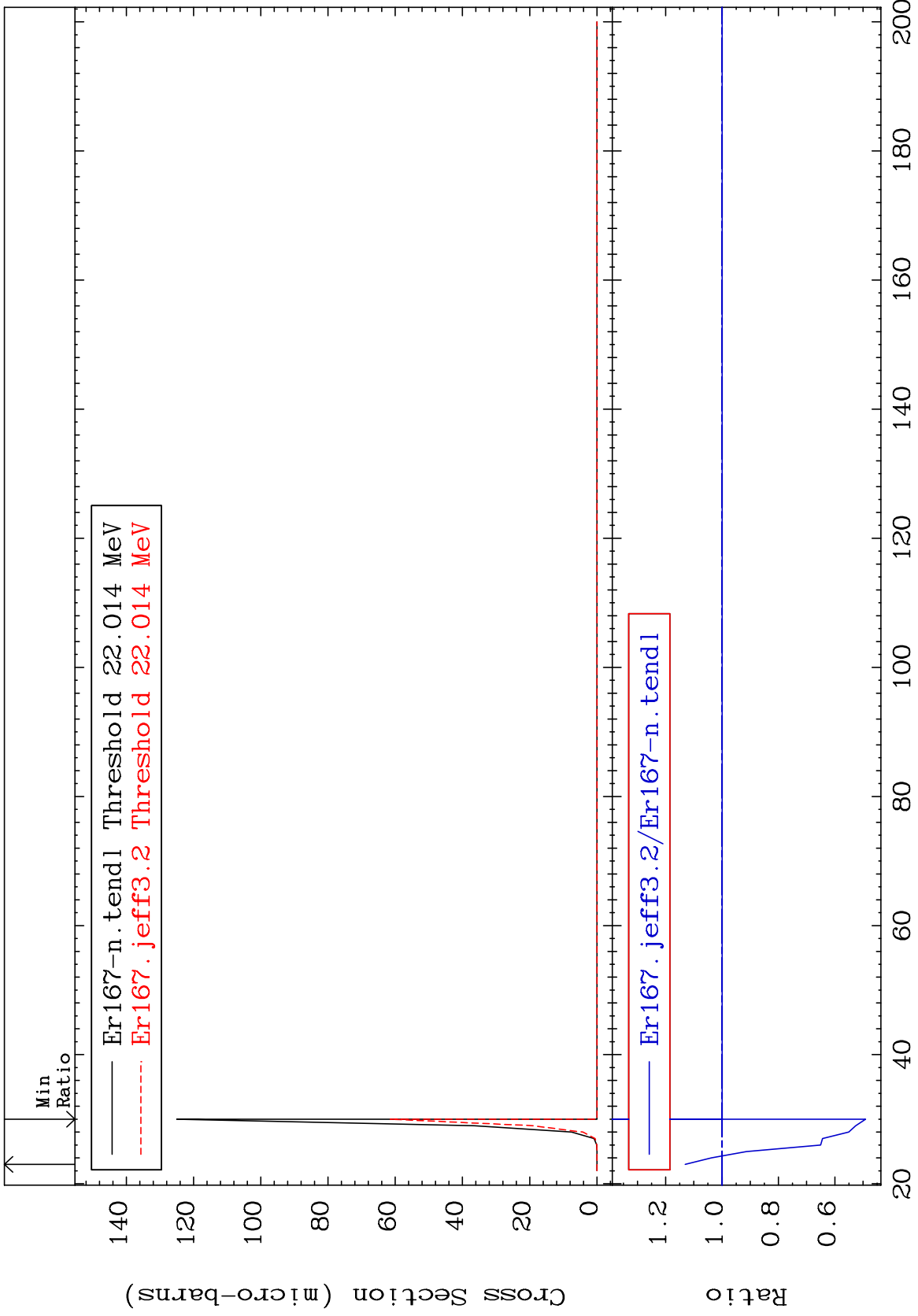


MAT 6840

(n,3n) p:67-Ho-164m3

68-Er-167

Radionuclide Production Cross Section -50.91 To 13.06 %

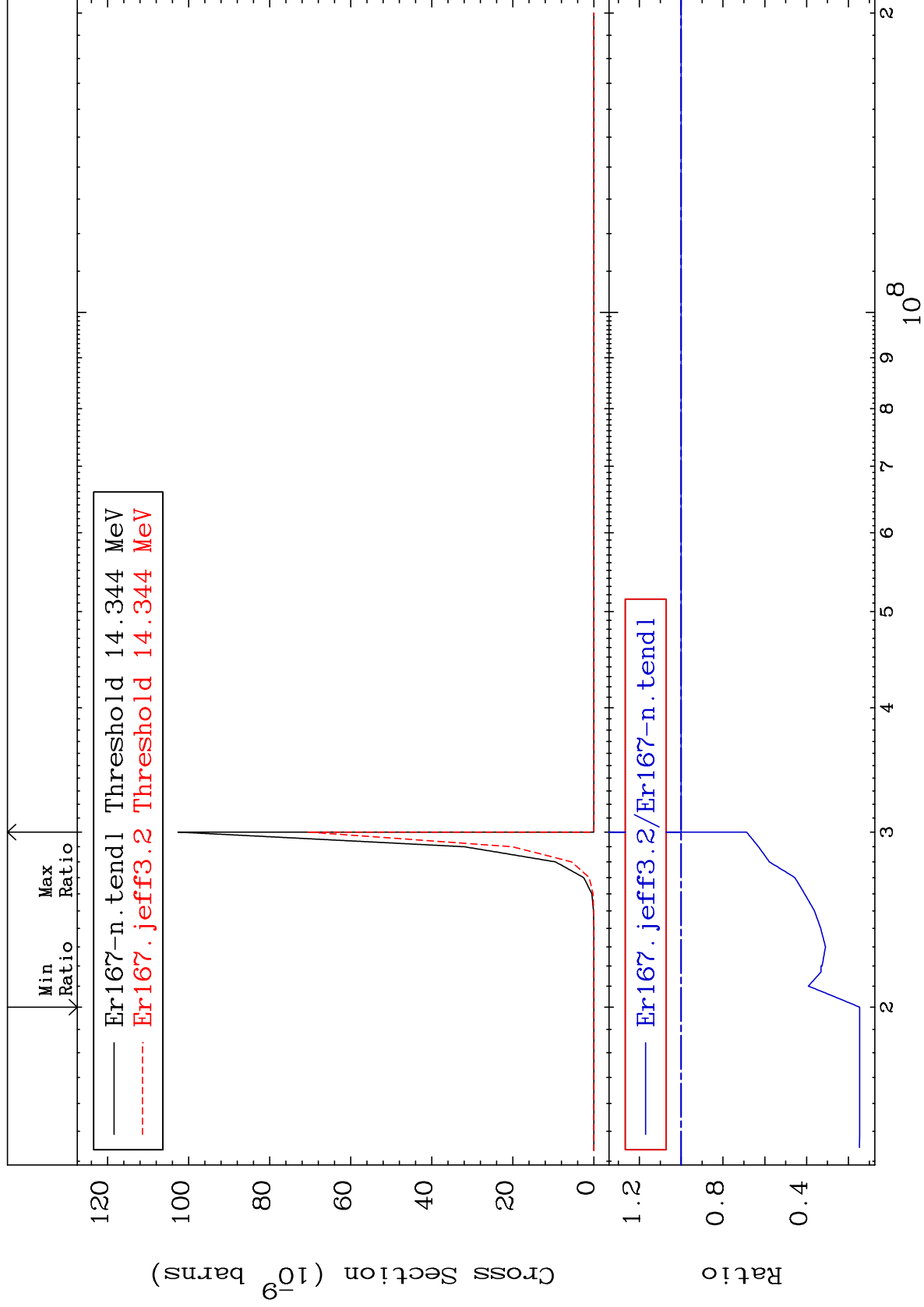


85

Incident Energy (MeV)

68-Er-167

Radionuclide Production Cross Section -85.37 To 0.000 %

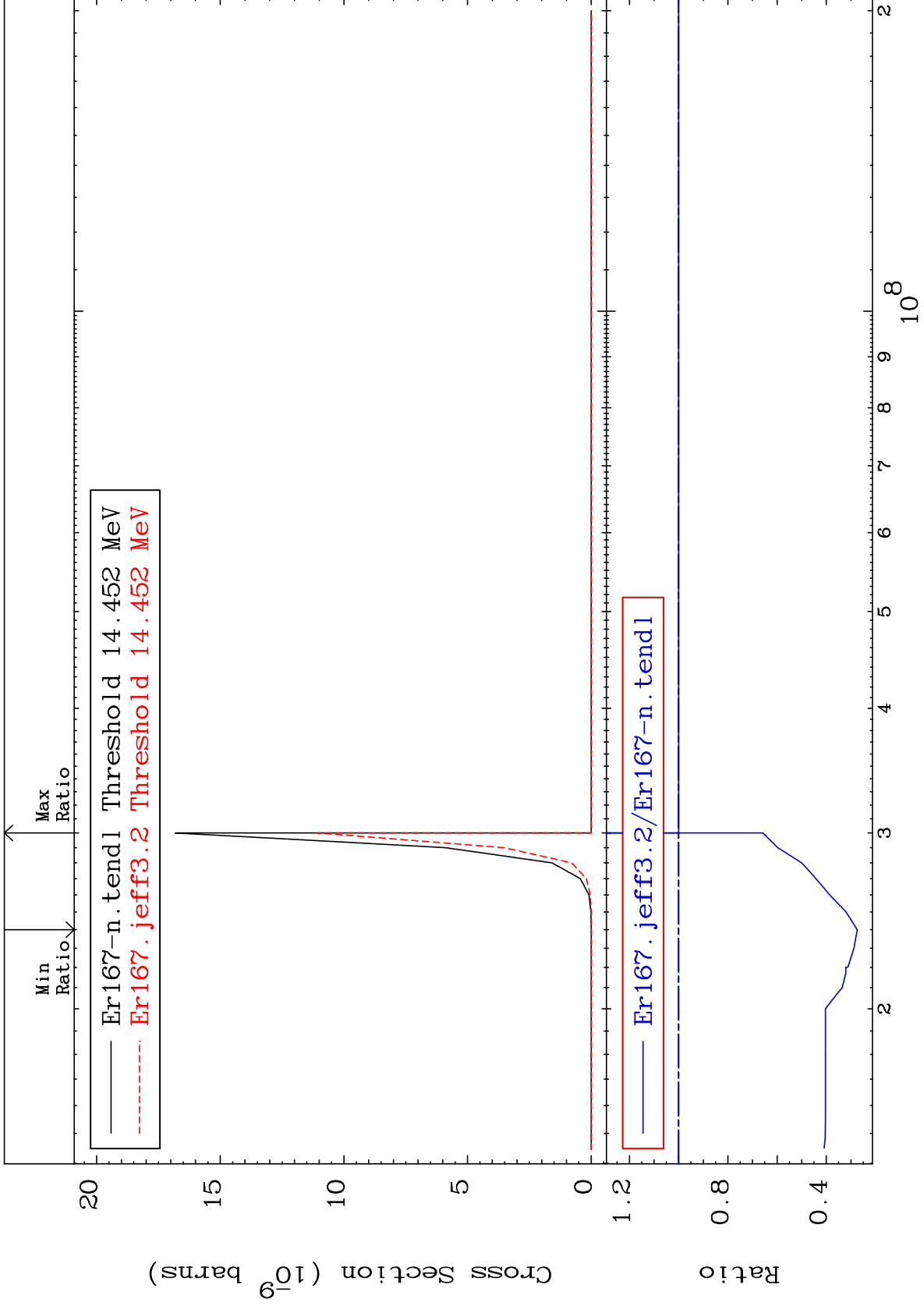


MAT 6840

(n,2n) p:66-Dy-165m2

68-Er-167

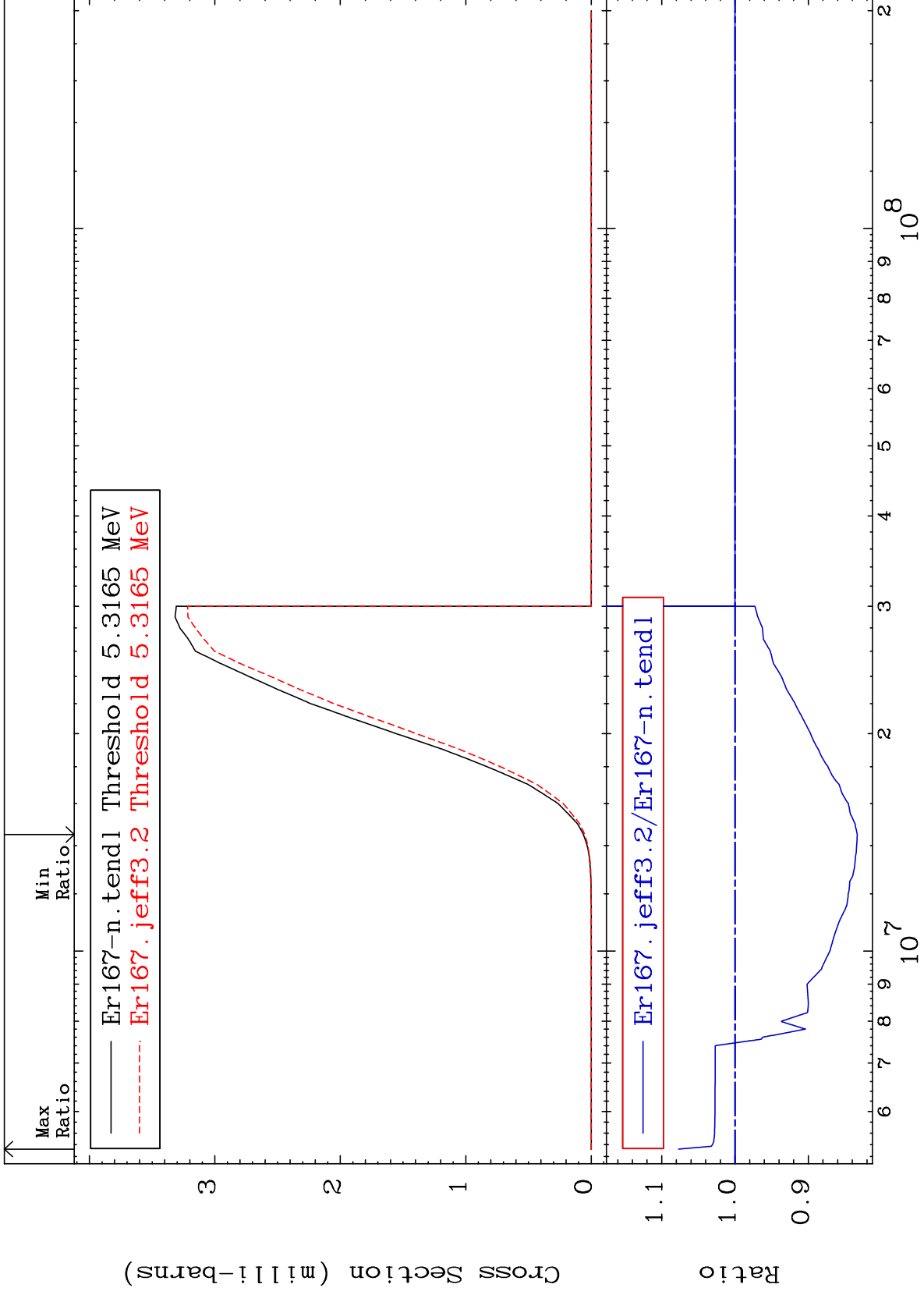
Radionuclide Production Cross Section -72.58 To 0.000 %



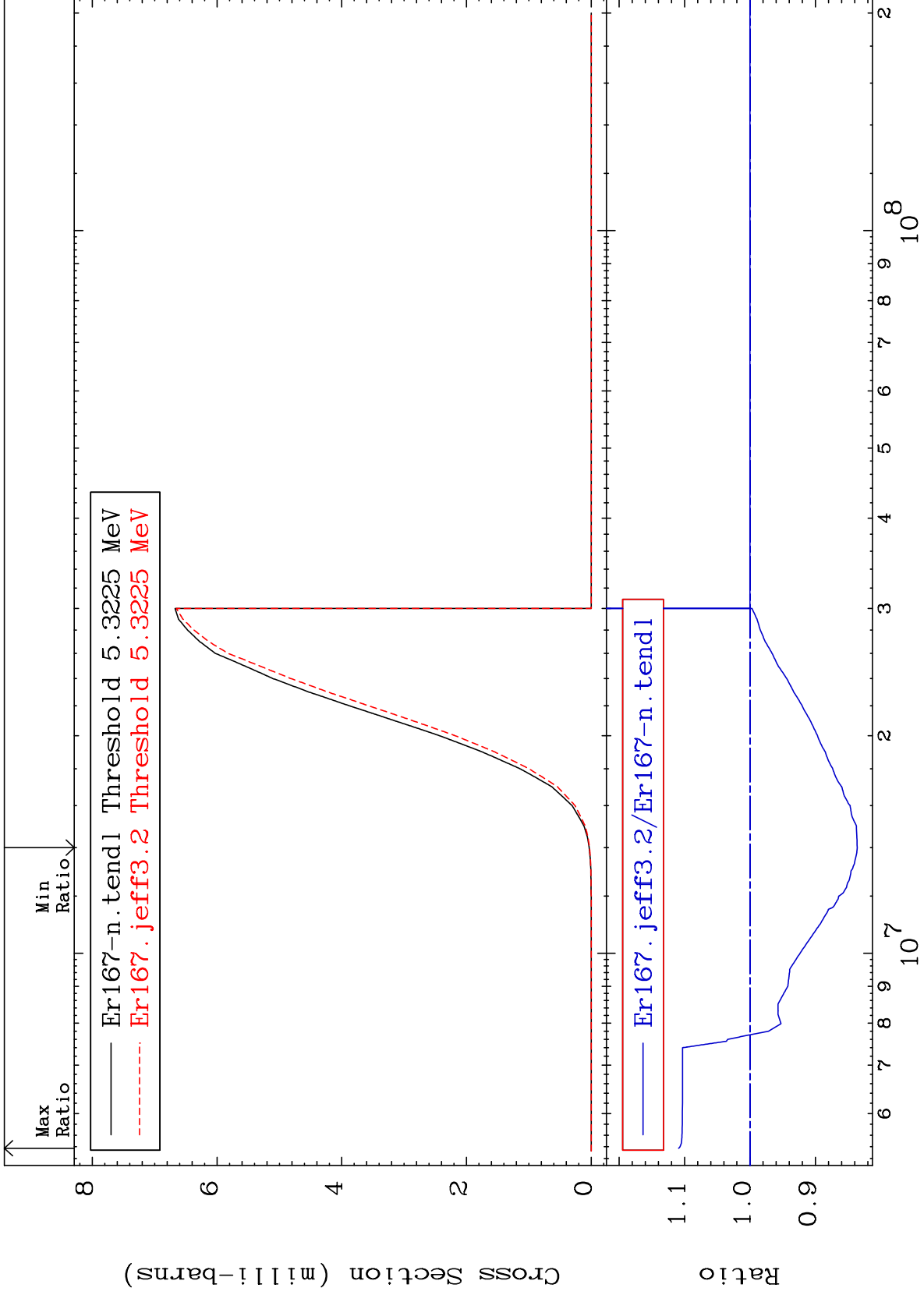
87

Incident Energy (eV)

68-Er-167



Radionuclide Production Cross Section -16.39 To 10.91 %



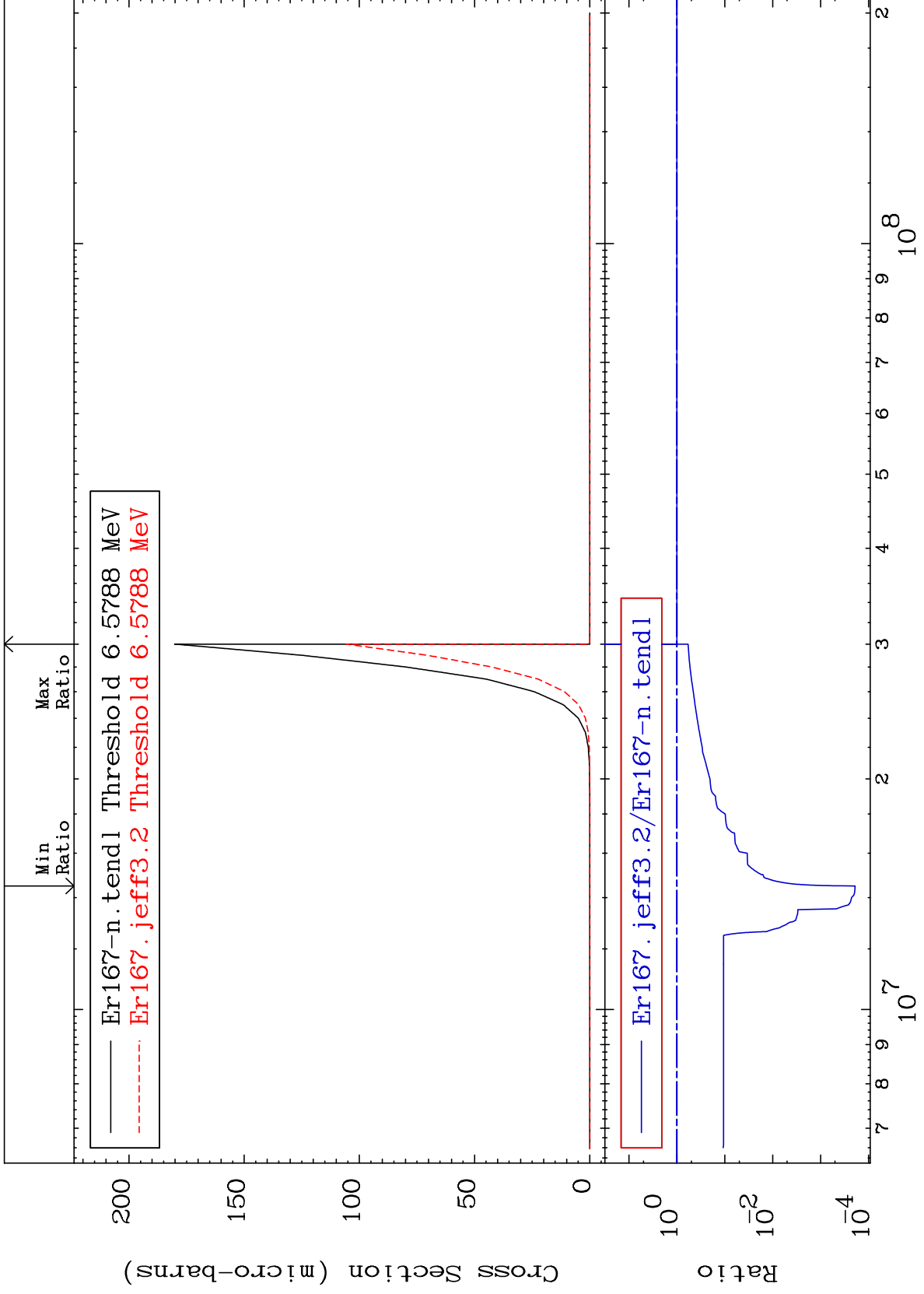
MAT 6840

(n, He-3) : 66-Dy-165g

68-Er-167

Radionuclide Production Cross Section

-99.98 To 0.000 %



90

Incident Energy (eV)

68-Er-167

Radionuclide Production Cross Section -99.97 To 0.000 %

