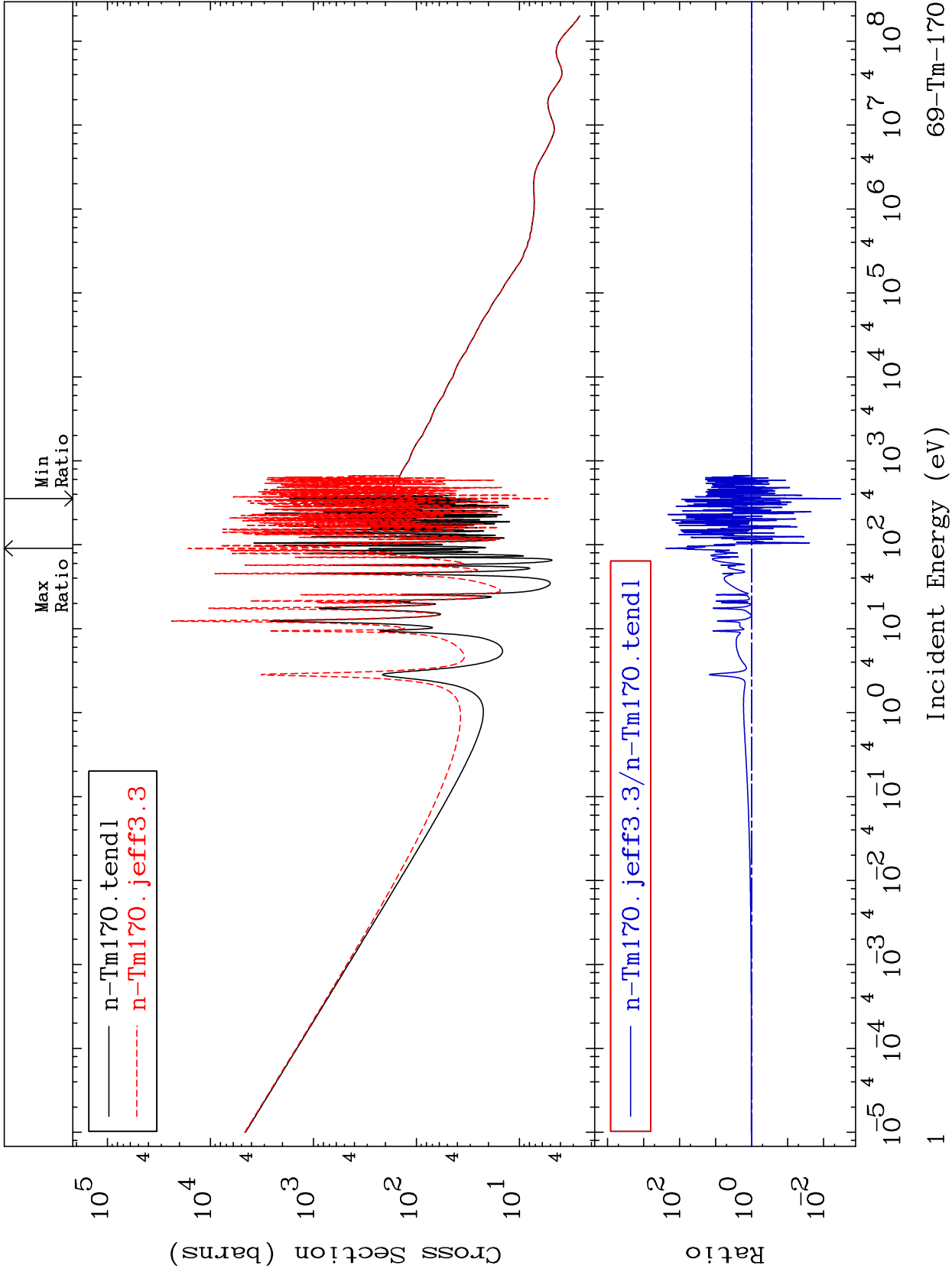


MAT 6928

Total
Cross Section

69-Tm-170
-99.66 To 9999. %



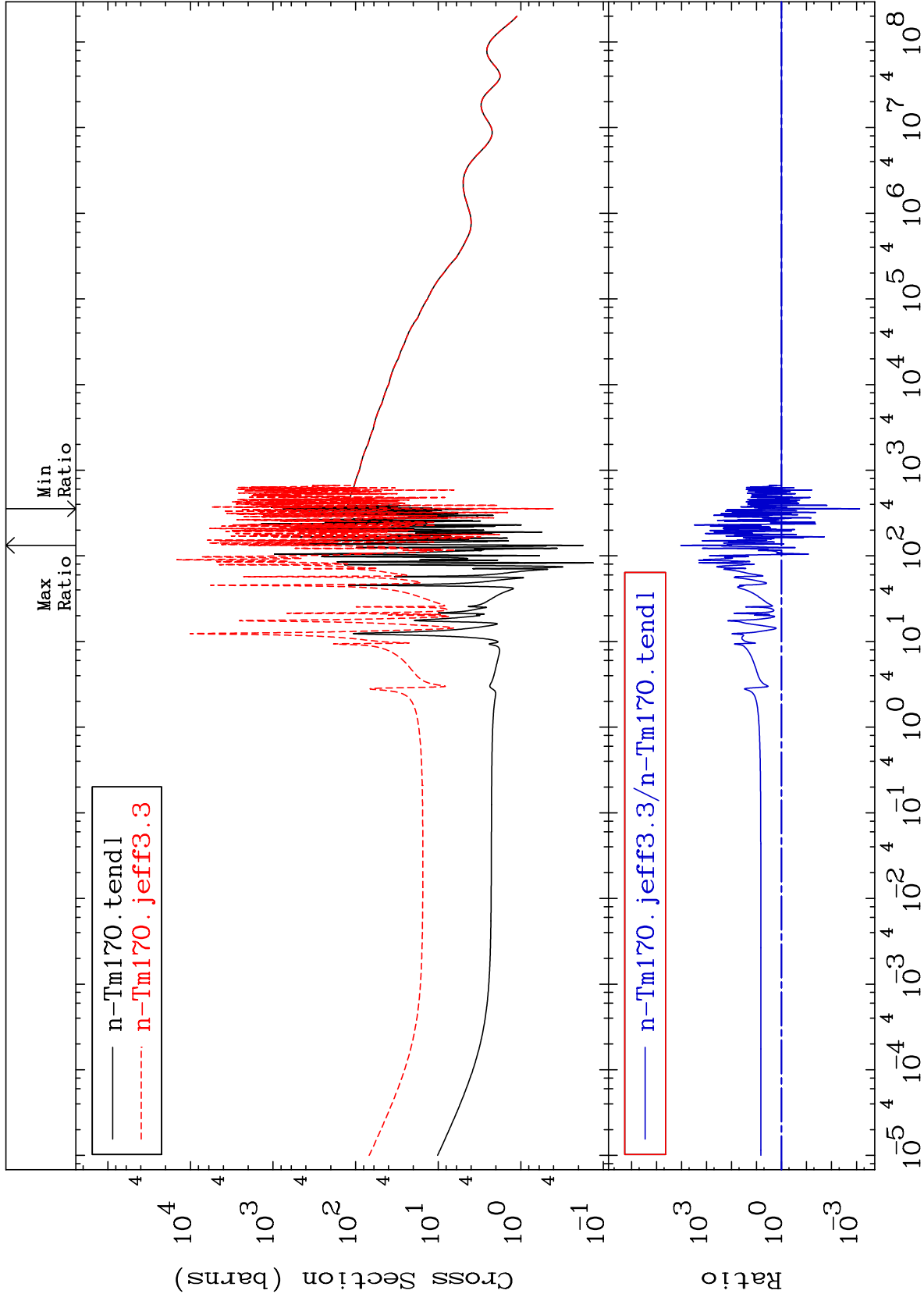
MAT 6928

Elastic

69-Tm-170

Cross Section

-99.92 To 9999. %



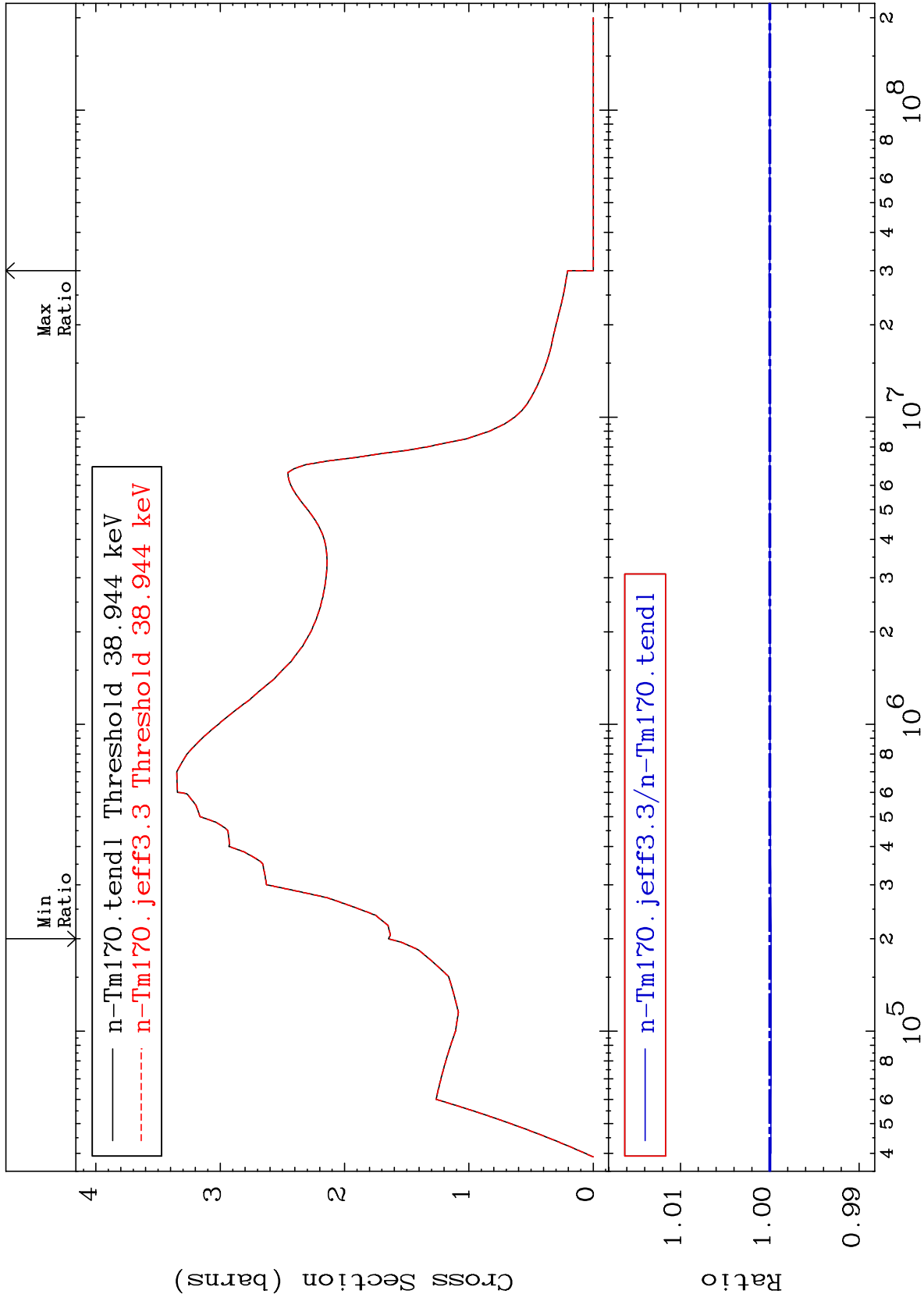
2

Incident Energy (eV)

69-Tm-170

MAT 6928

Inelastic Cross Section
69-Tm-170
-0.015 To 0.007 %



3

Incident Energy (eV)

69-Tm-170

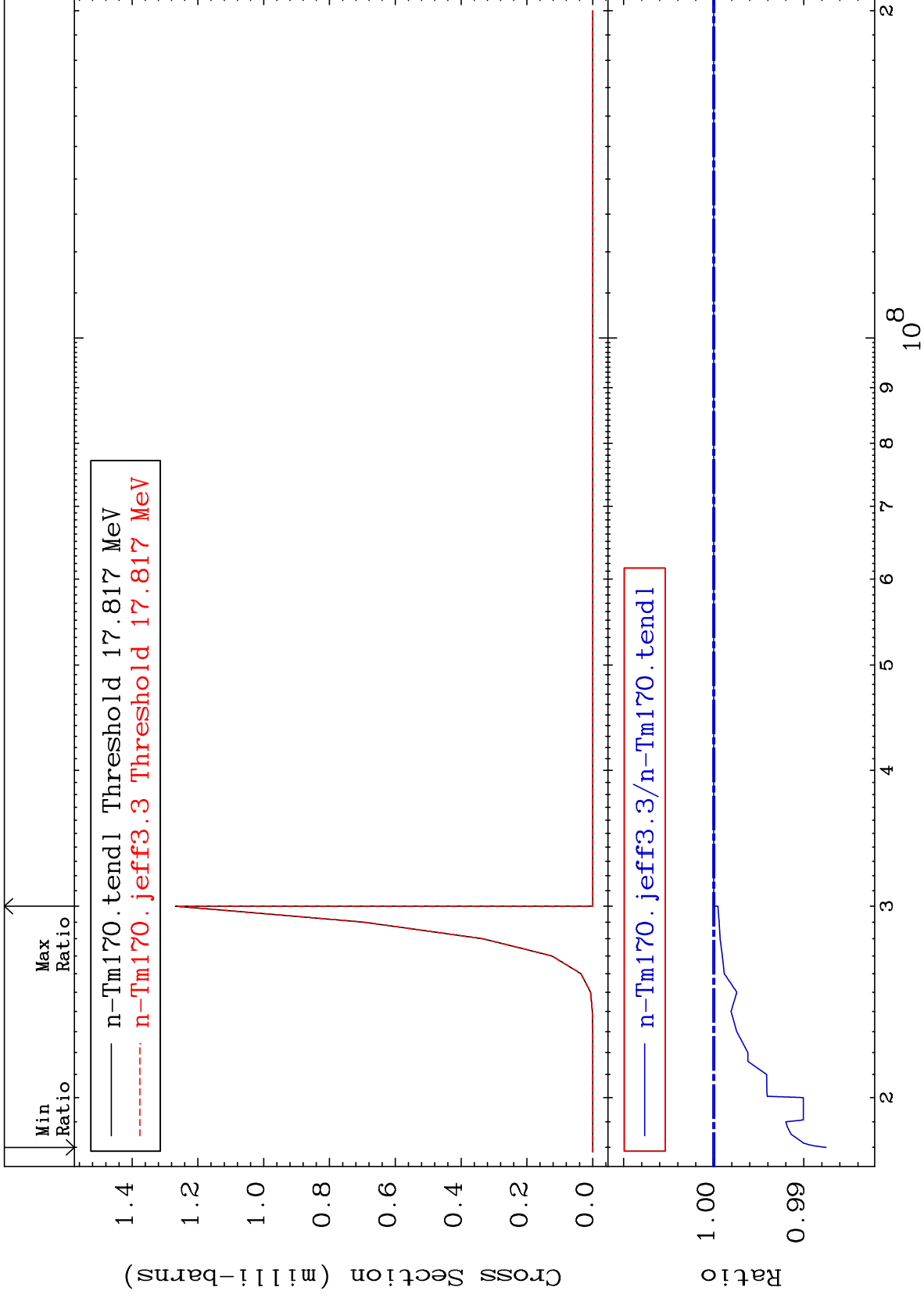
MAT 6928

(n,2n) d

69-Tm-170

Cross Section

-1.246 To 0.000 %



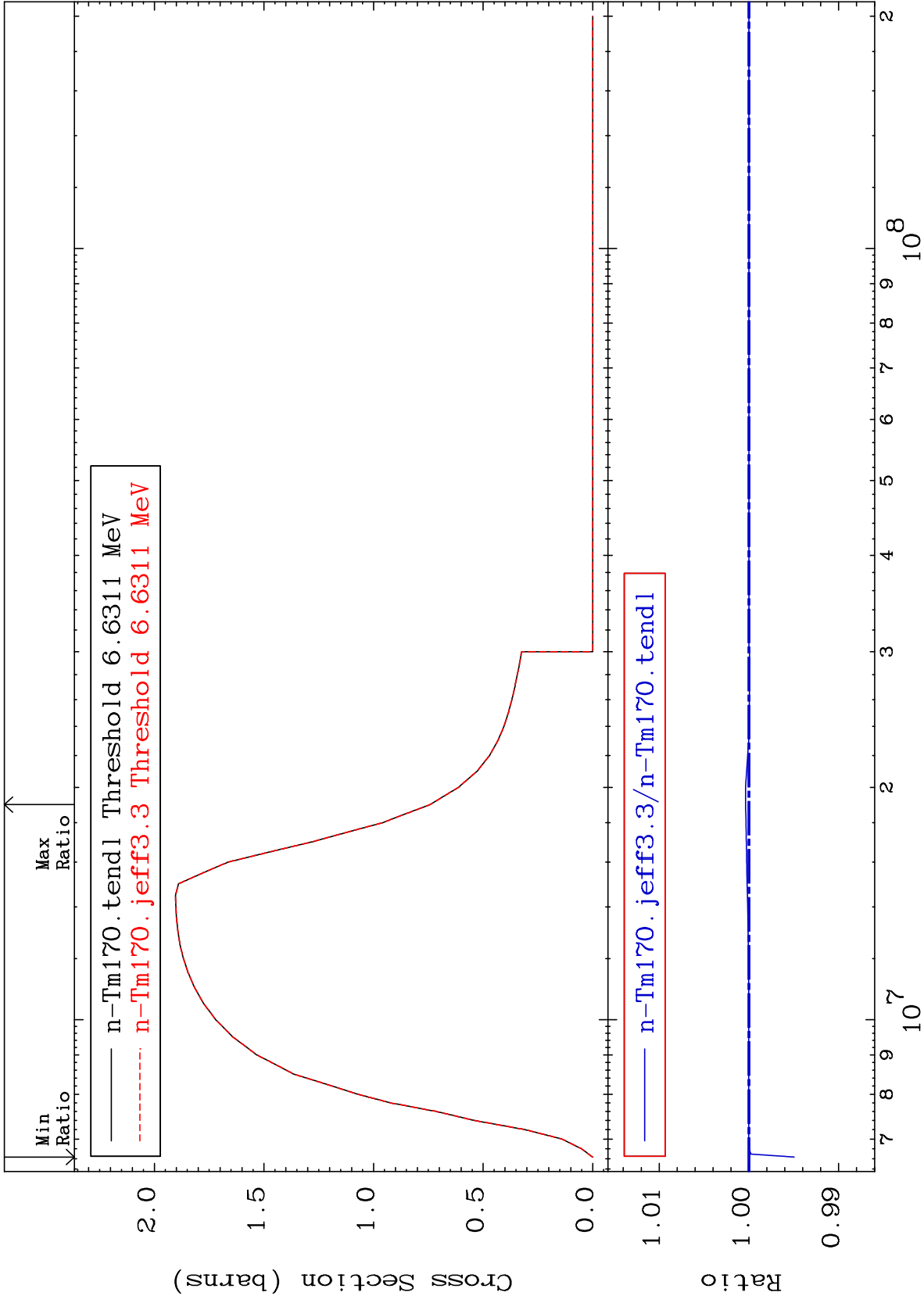
MAT 6928

(n,2n)

69-Tm-170

Cross Section

-0.505 To 0.038 %



MAT 6928

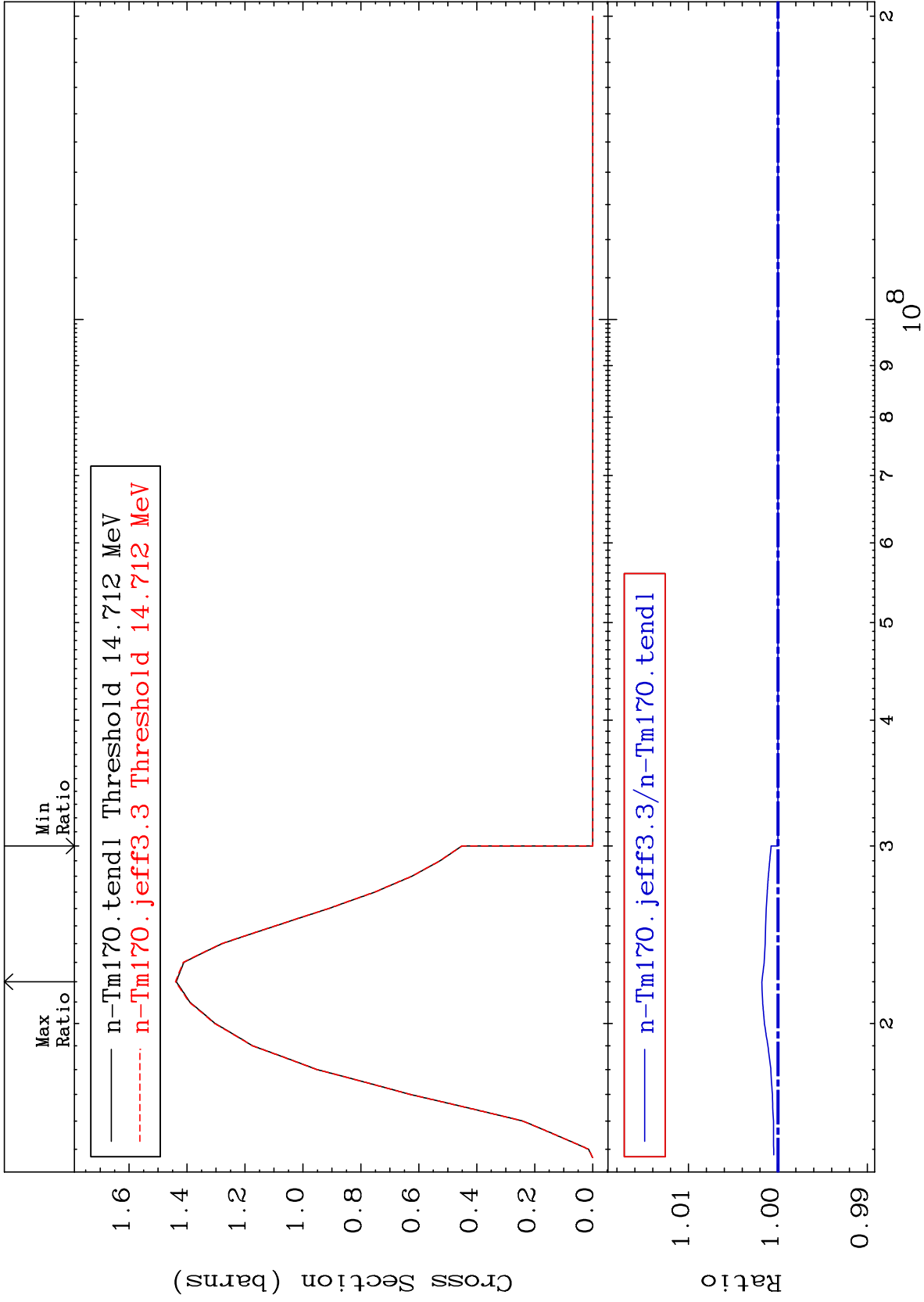
(n, 3n)

69-Tm-170

Cross Section

0.000

To 0.180 %



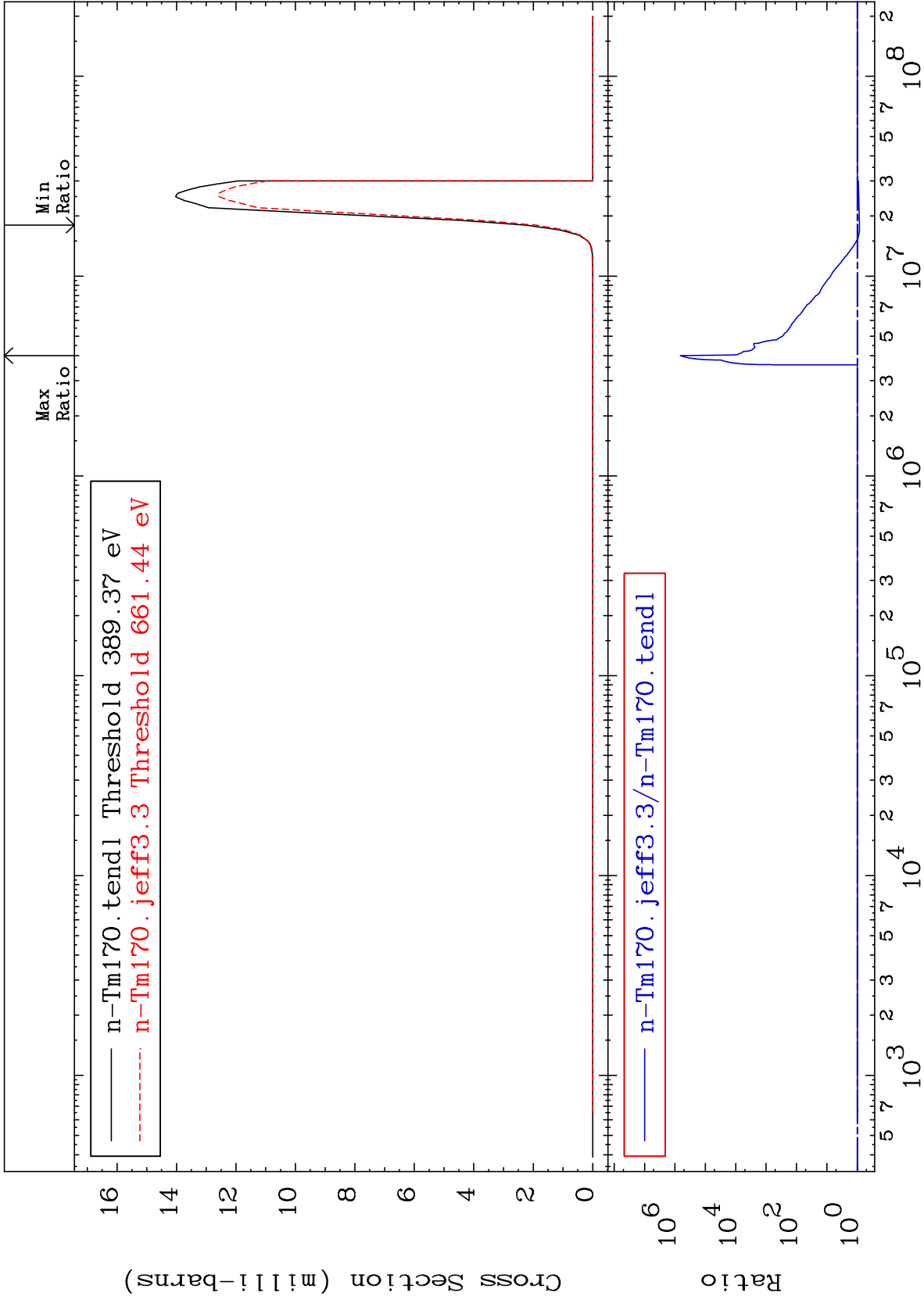
MAT 6928

(n, n') α

Cross Section

69-Tm-170

-15.20 To 9999. %



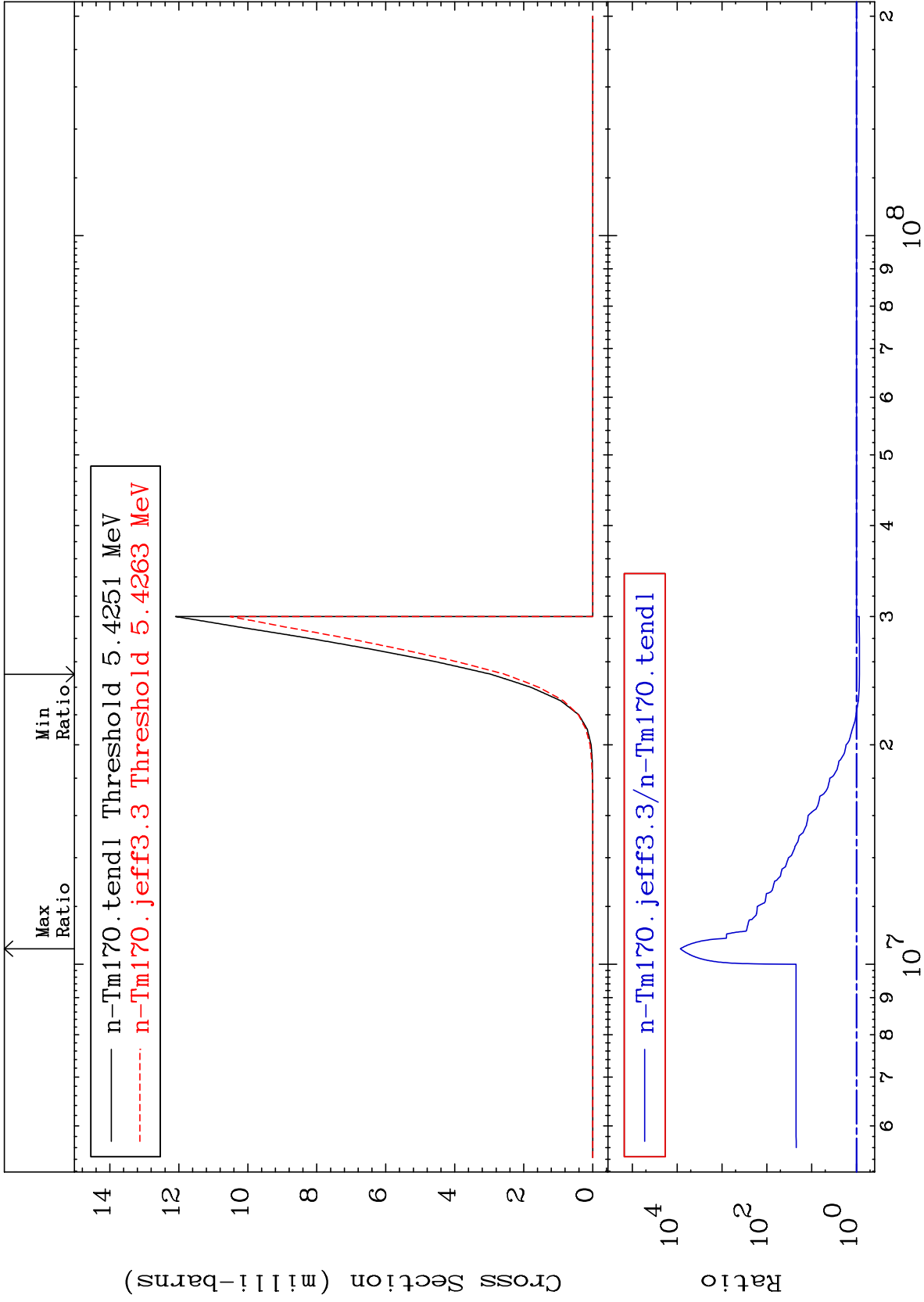
MAT 6928

(n,2n) α

69-Tm-170

Cross Section

-13.74 To 9999. %



8

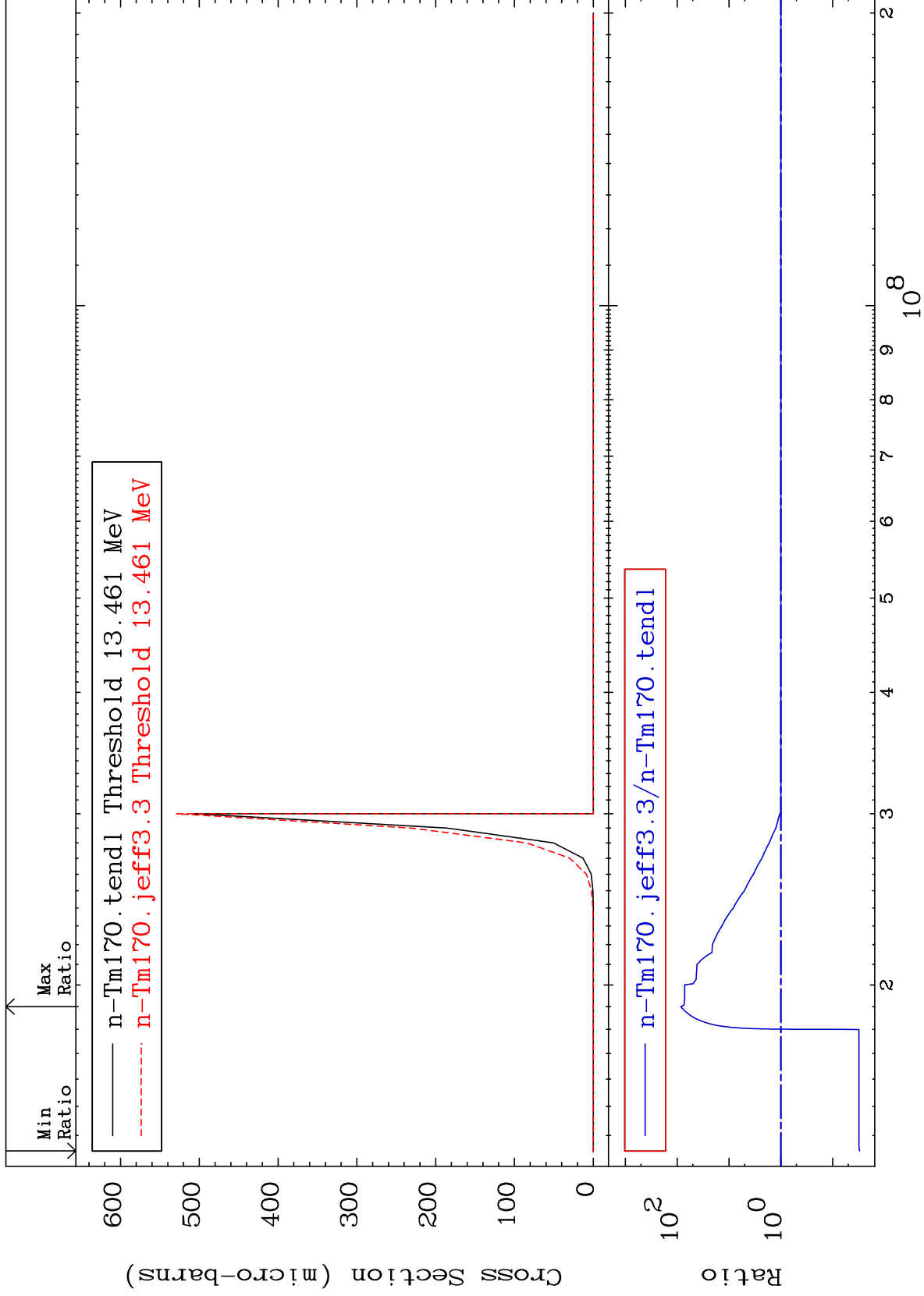
Incident Energy (eV)

69-Tm-170

MAT 6928

(n,3n) α
Cross Section

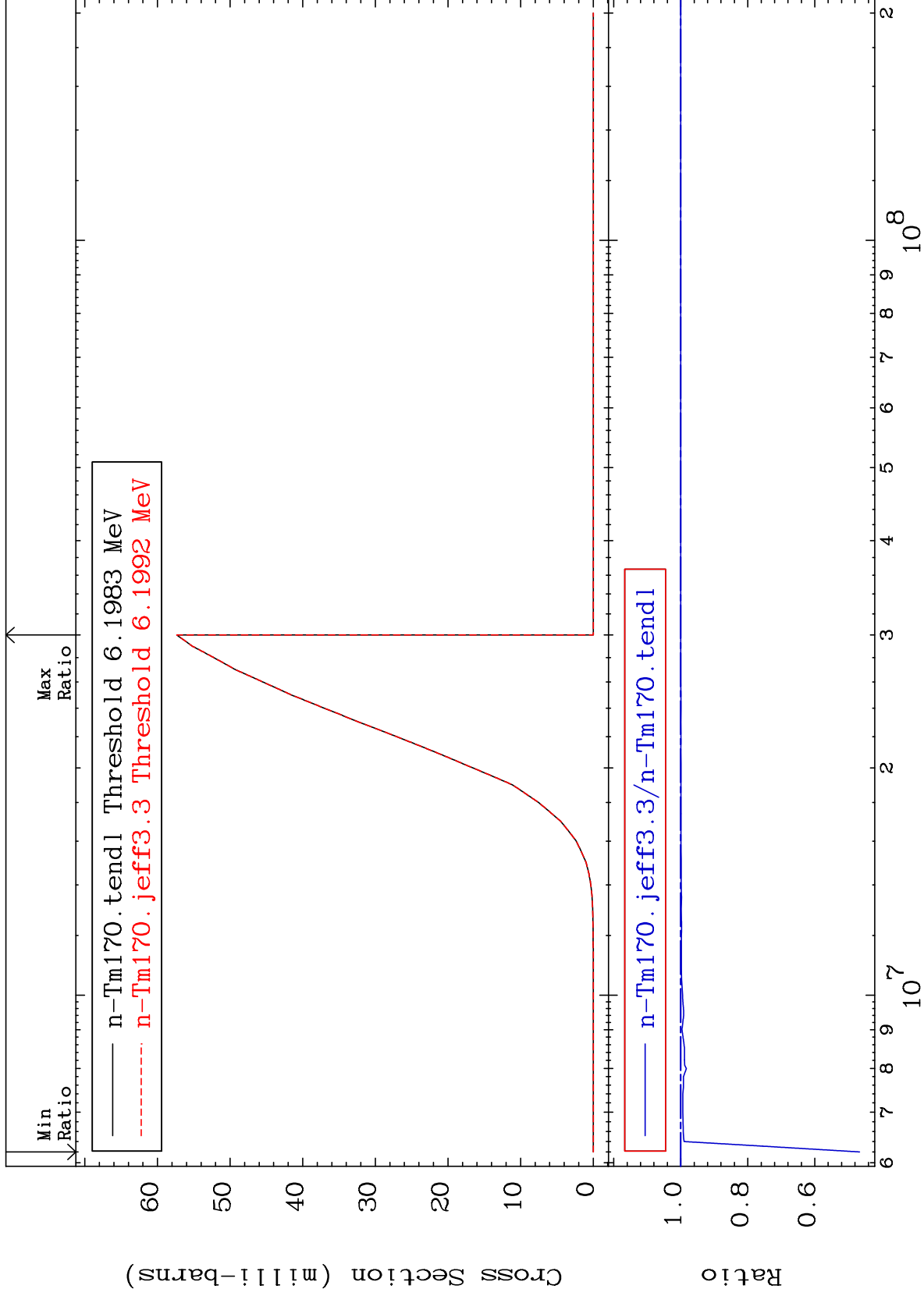
69-Tm-170
-96.97 To 8451. %



MAT 6928

(n, n') p
Cross Section

69-Tm-170
-53.35 To 0.000 %



10

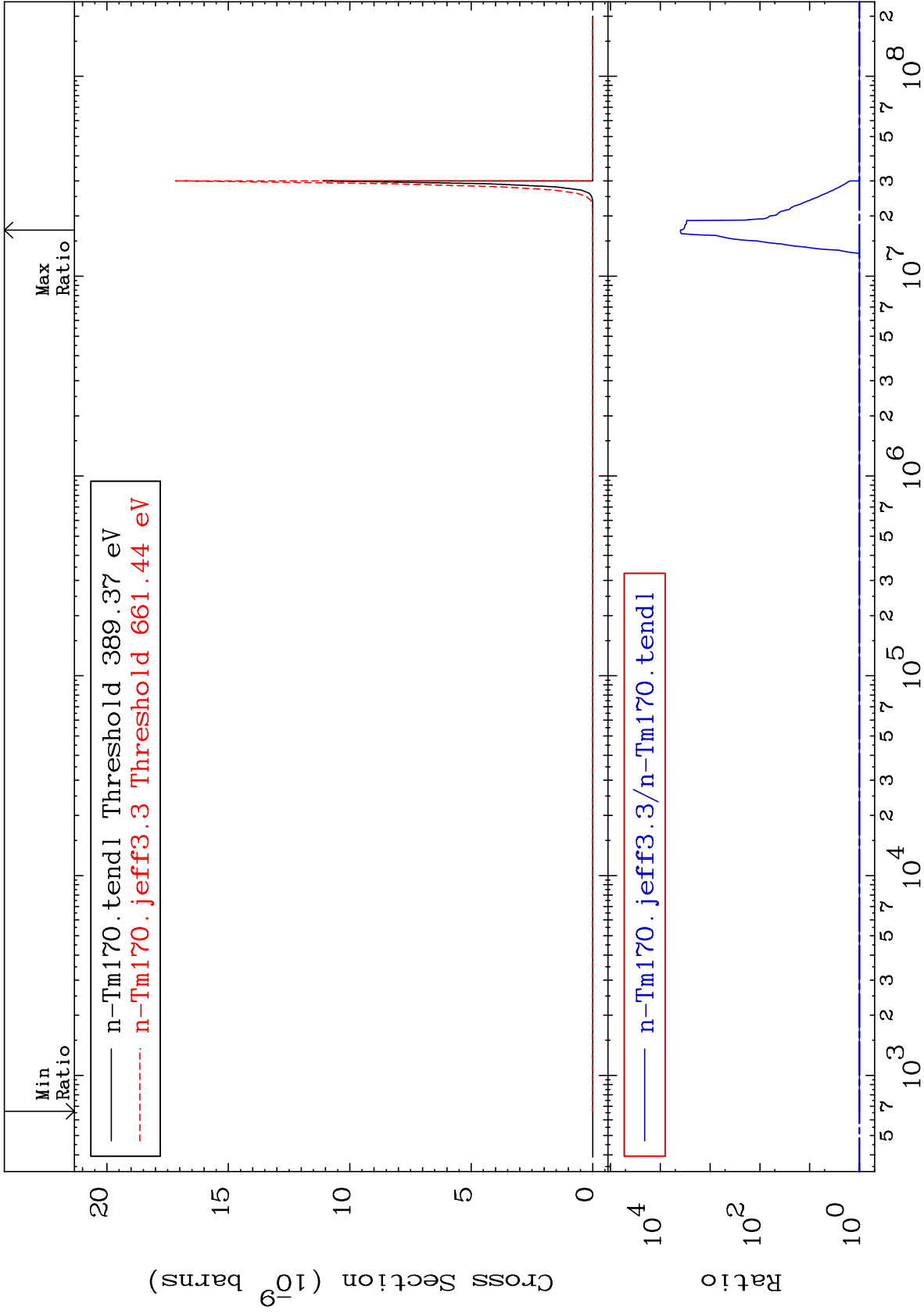
Incident Energy (eV)

69-Tm-170

MAT 6928

(n, n') 2α
Cross Section

69-Tm-170
To 9999. %



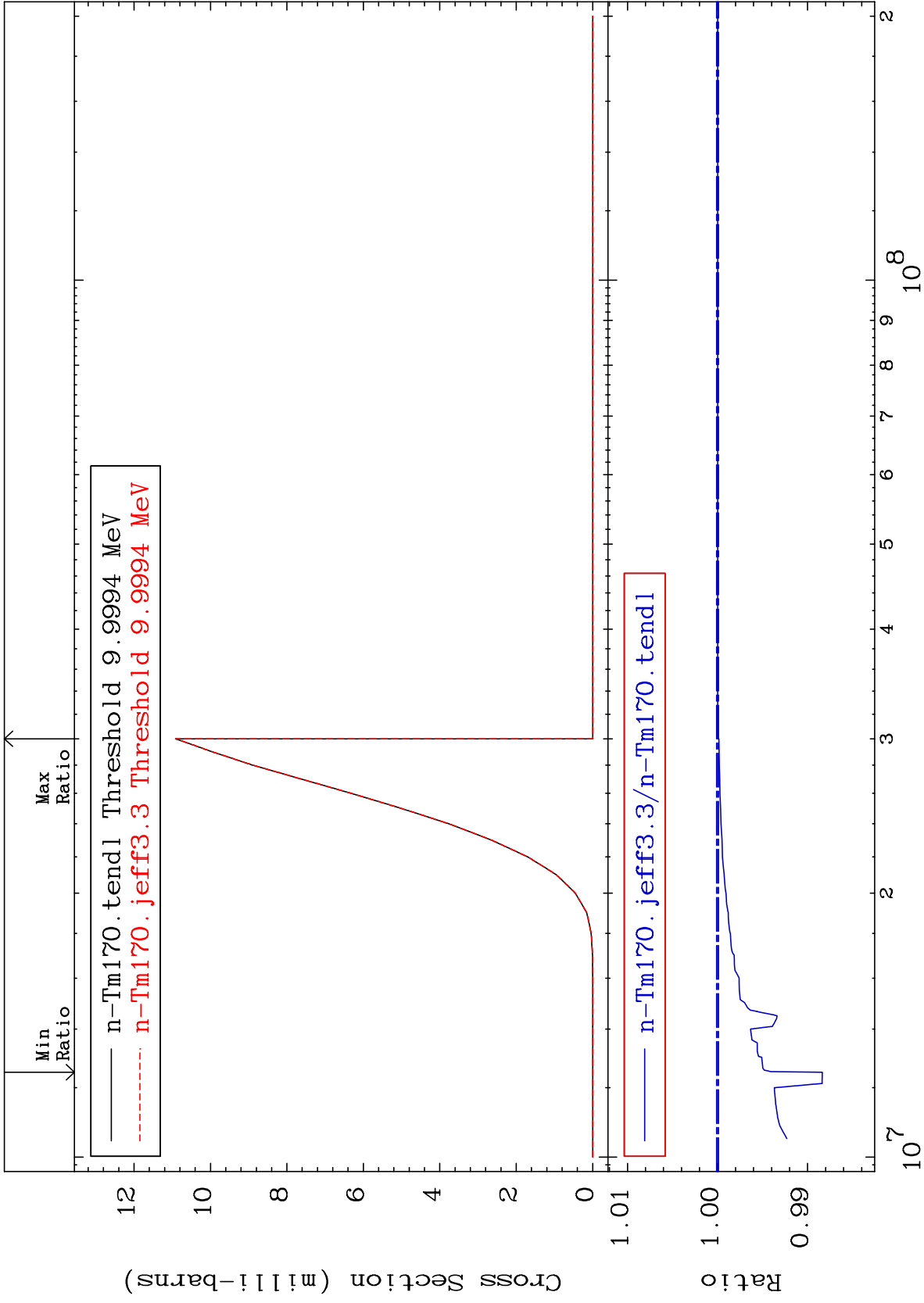
MAT 6928

(n,n') d

69-Tm-170

Cross Section

-1.163 To 0.000 %



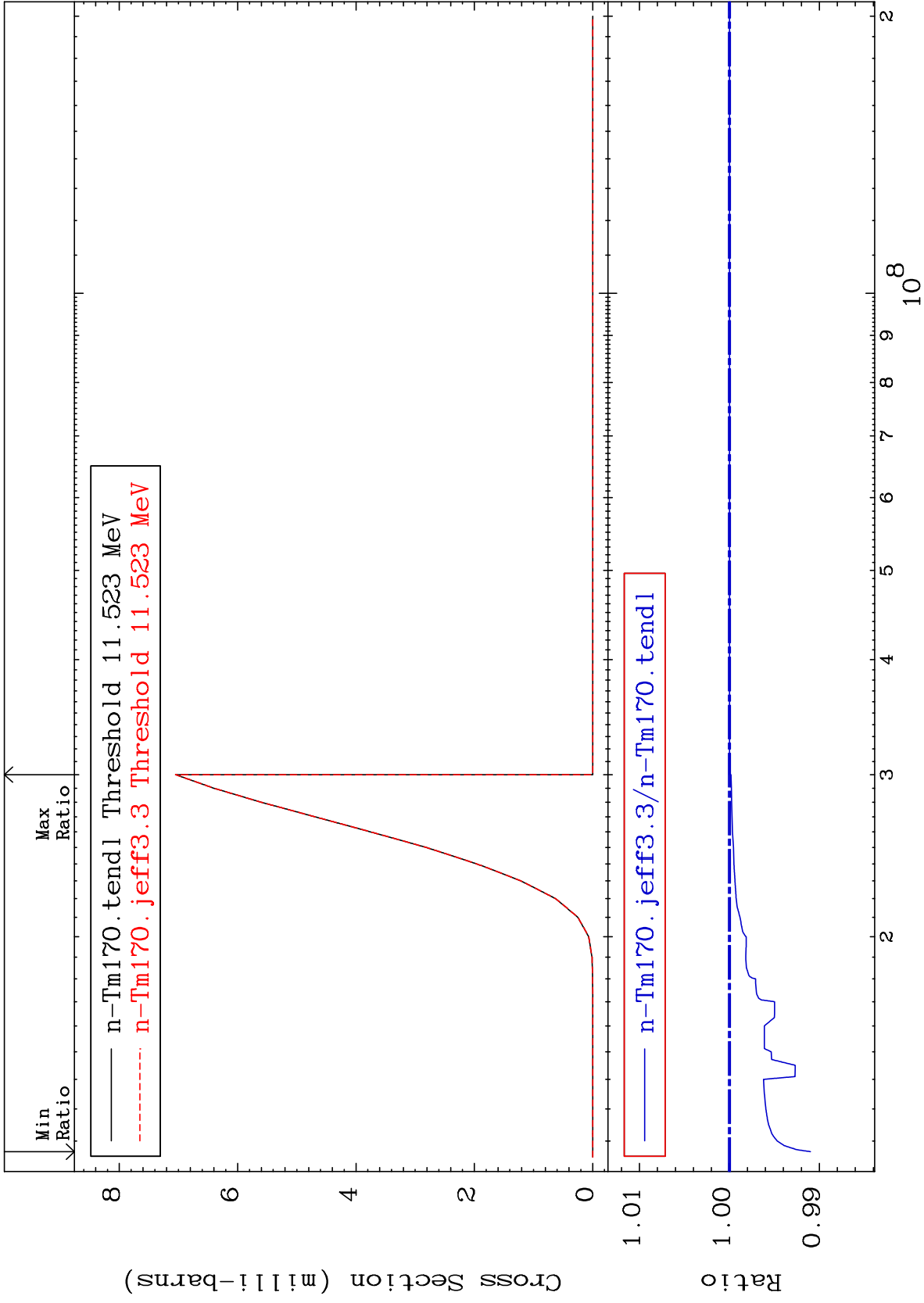
MAT 6928

(n, n') t

69-Tm-170

Cross Section

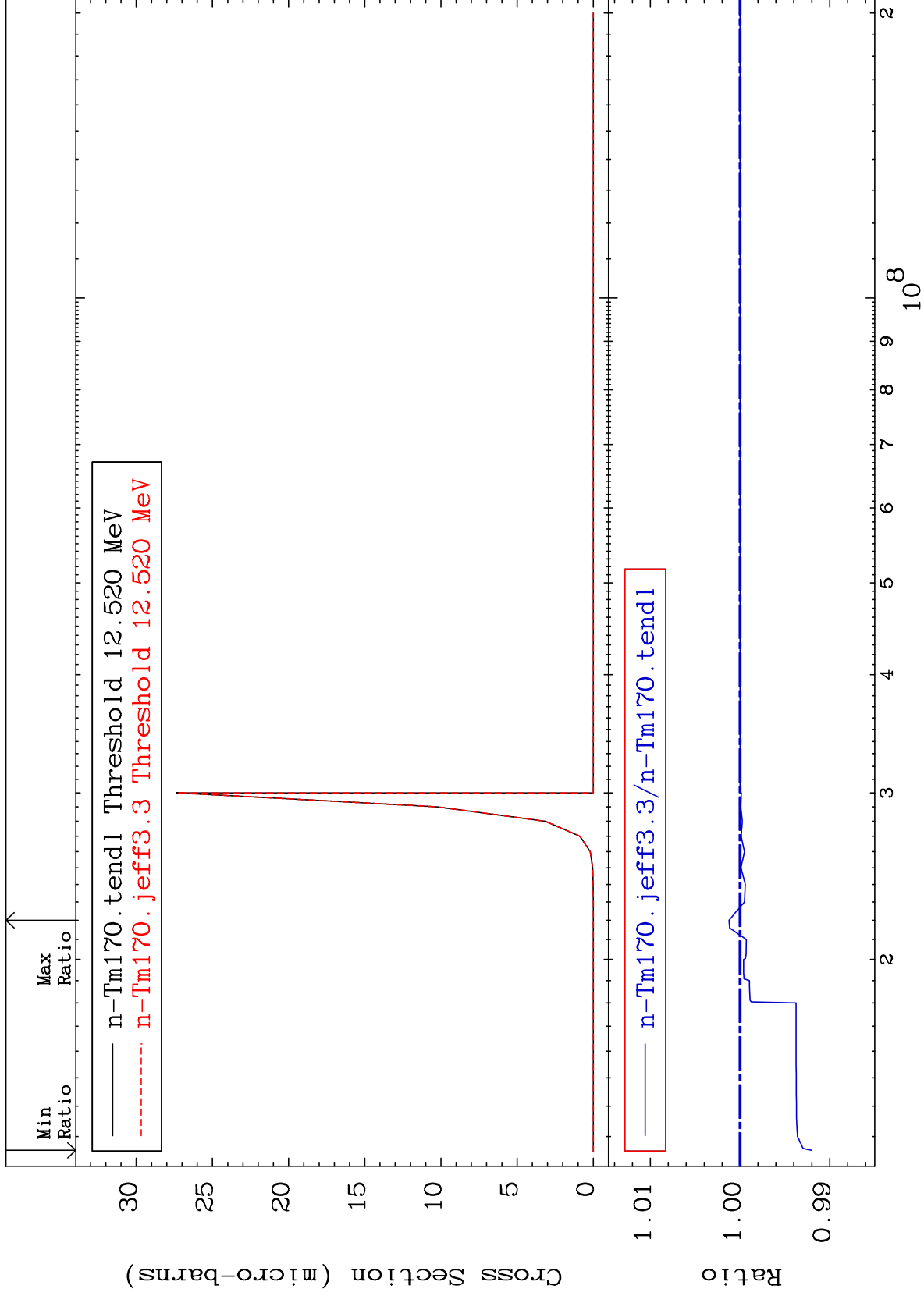
-0.900 To 0.000 %



MAT 6928

(n, n') He-3
Cross Section

69-Tm-170
-0.795 To 0.123 %



14

Incident Energy (eV)

69-Tm-170

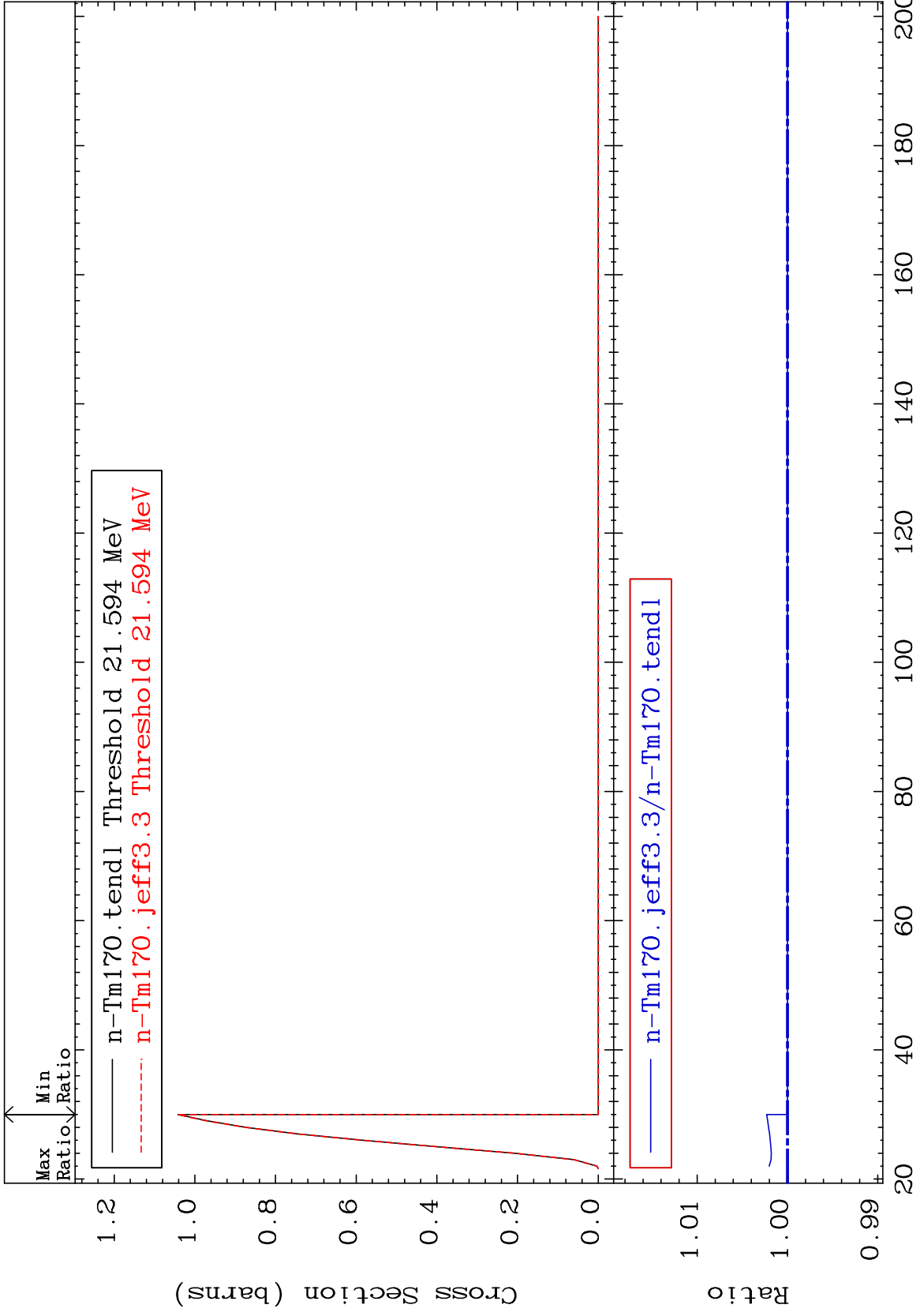
MAT 6928

(n,4n)

69-Tm-170

Cross Section

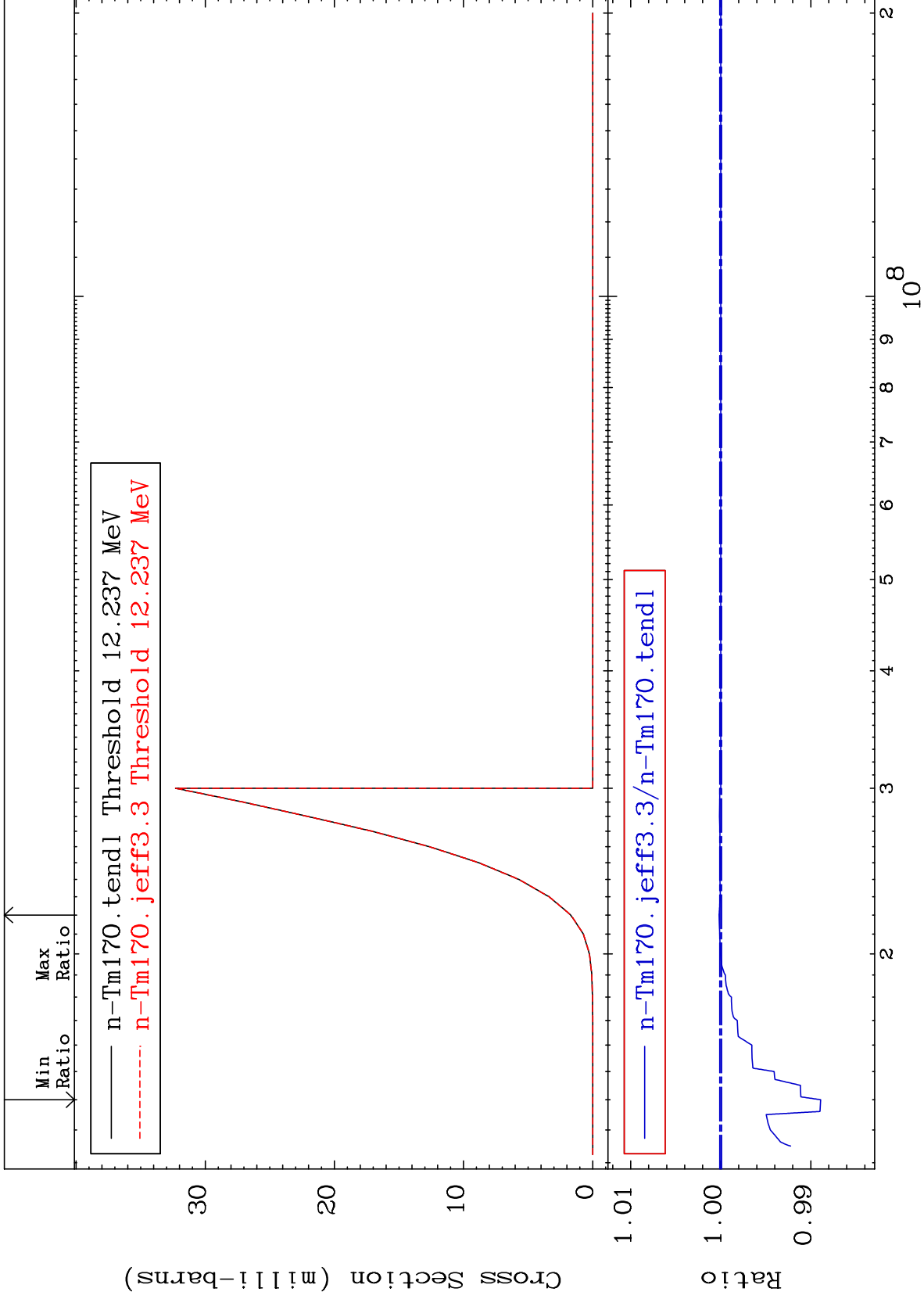
0.000 To 0.229 %



MAT 6928

(n,2n) p
Cross Section

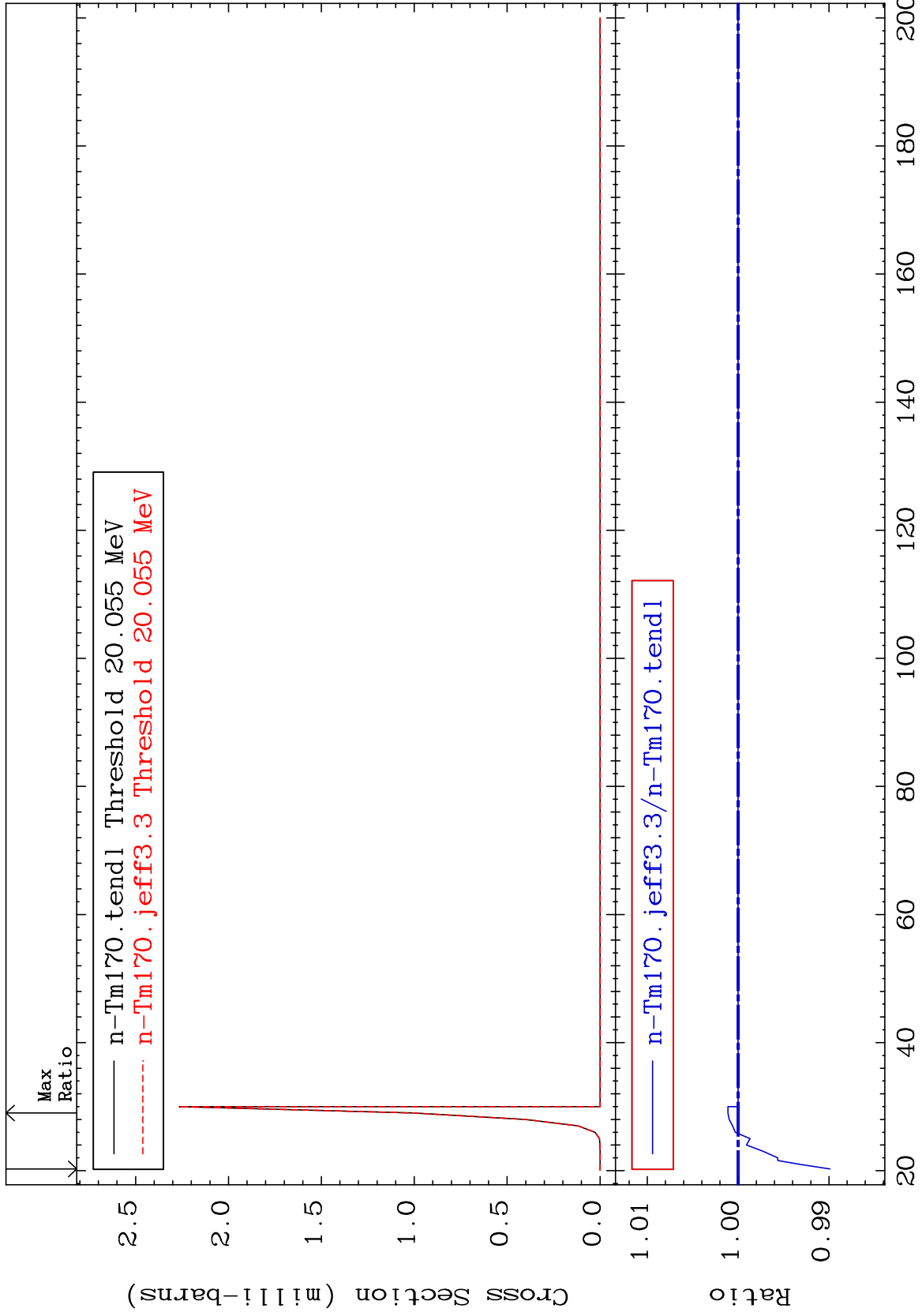
69-Tm-170
-1.110 To 0.018 %



MAT 6928

(n,3n) p
Cross Section

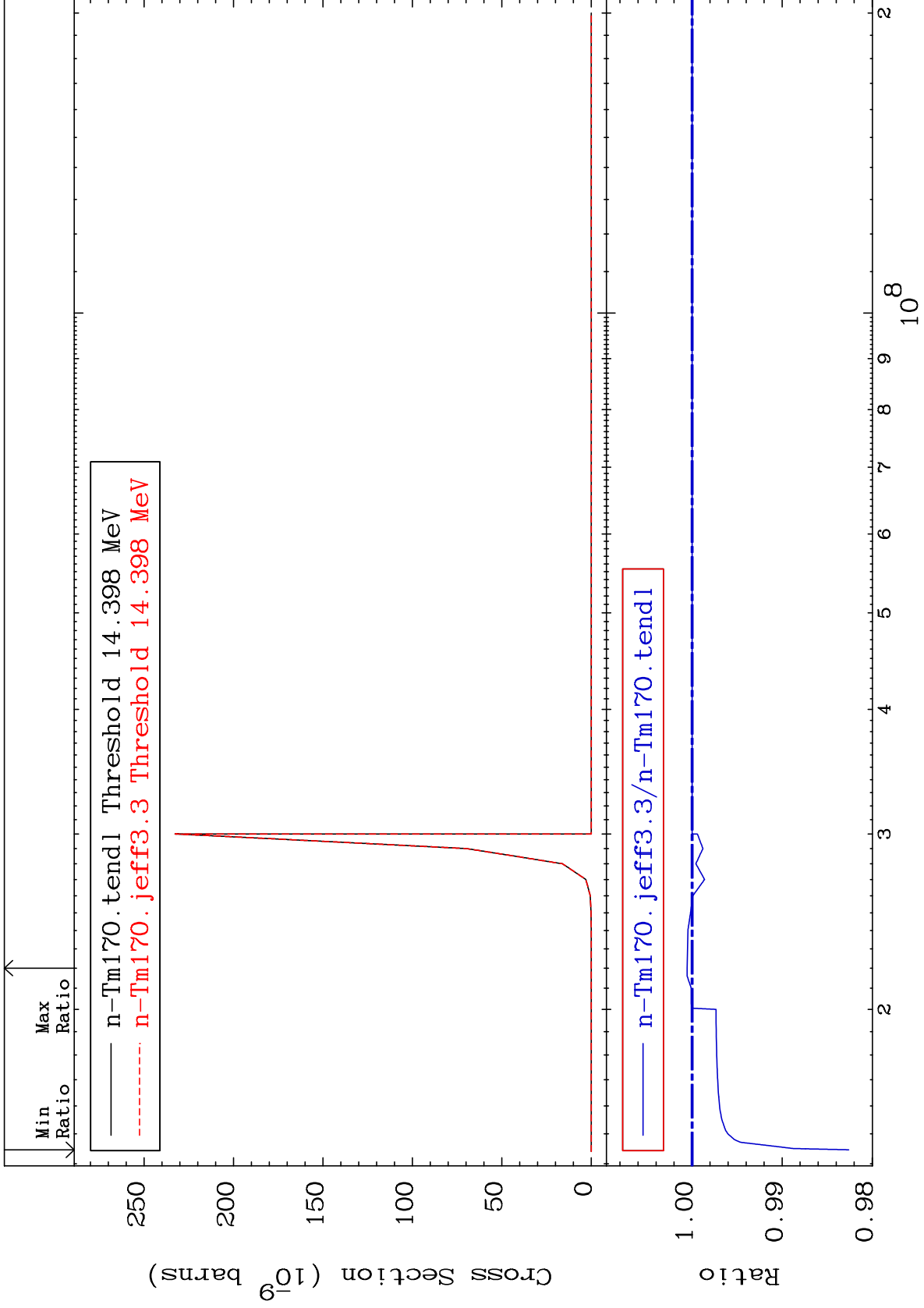
69-Tm-170
-1.012 To 0.112 %



MAT 6928

(n,2n) p
Cross Section

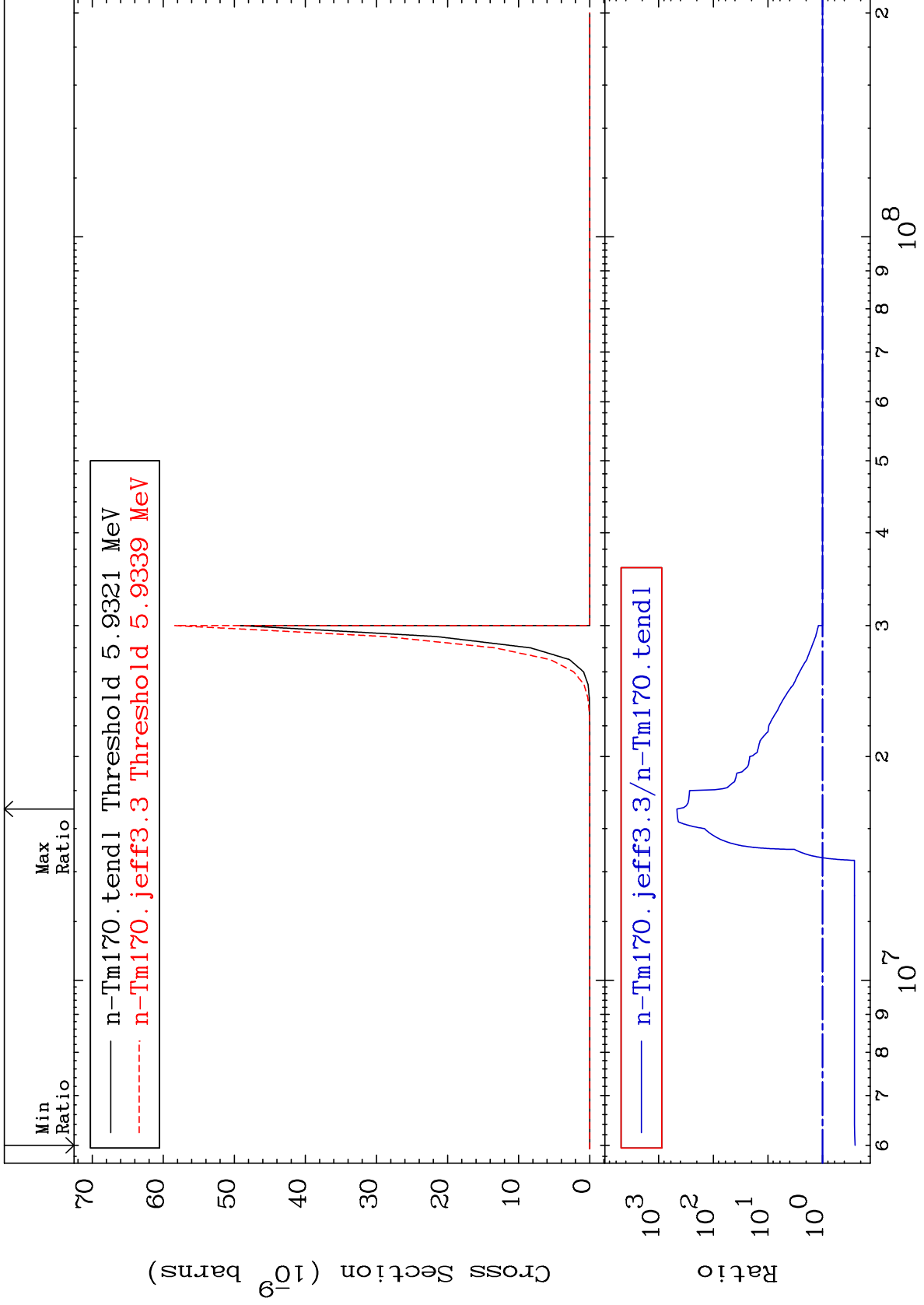
69-Tm-170
-1.740 To 0.055 %



MAT 6928

(n,n') p α
Cross Section

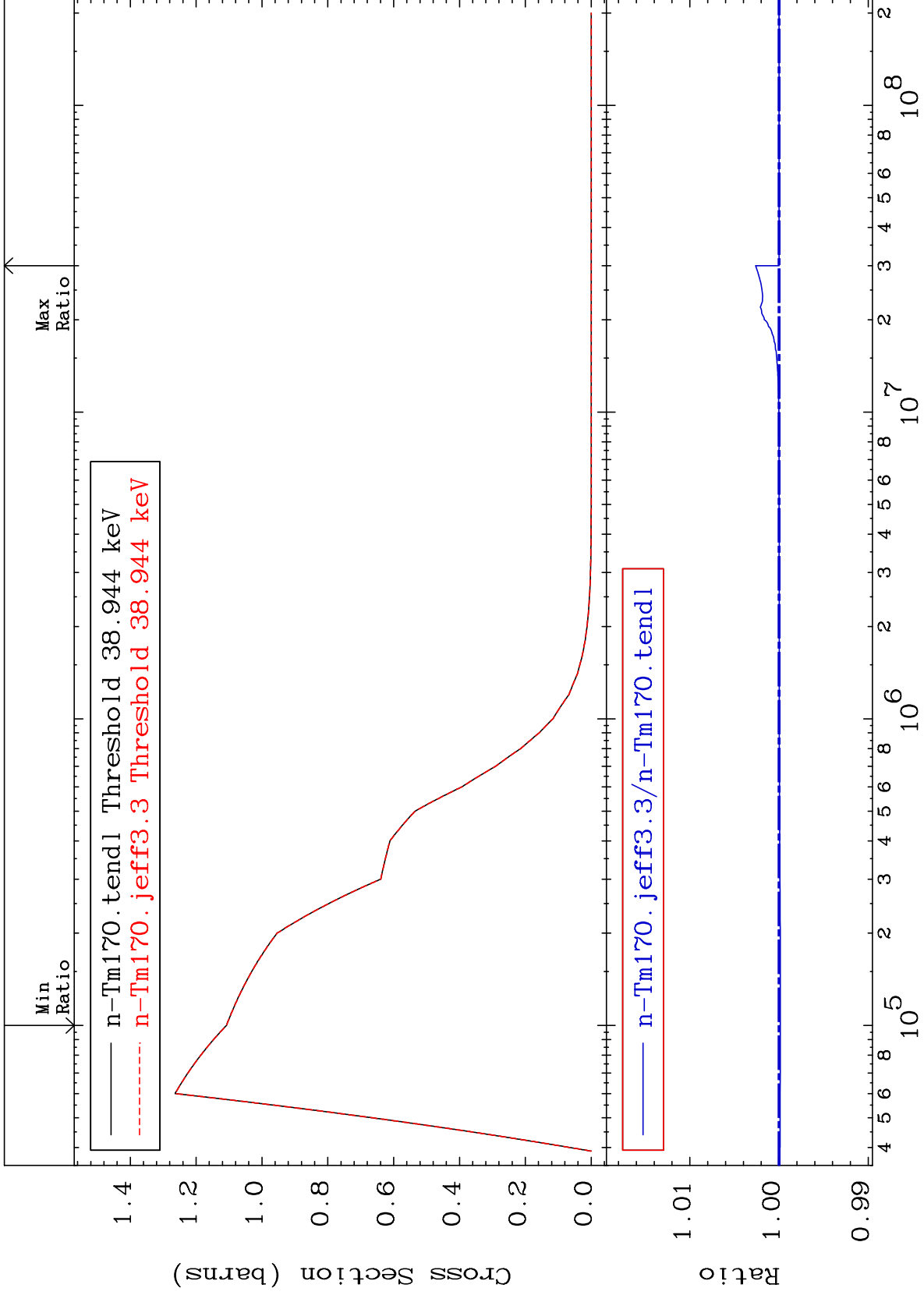
69-Tm-170
-74.67 To 9999. %



MAT 6928

MT= 51 (n,n') Level
Cross Section

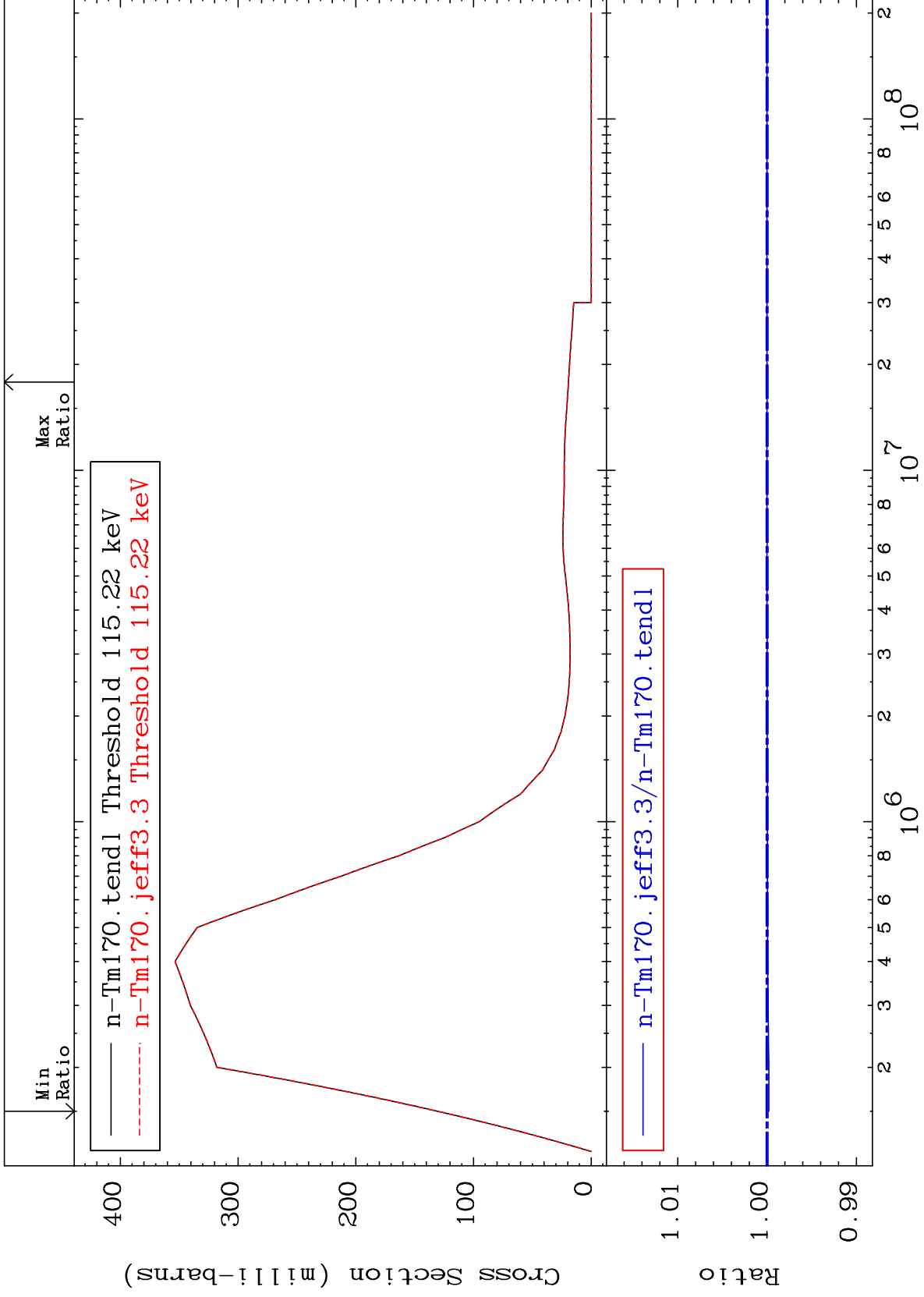
69-Tm-170
-0.014 To 0.264 %



MAT 6928

MT= 52 (n,n') Level
Cross Section

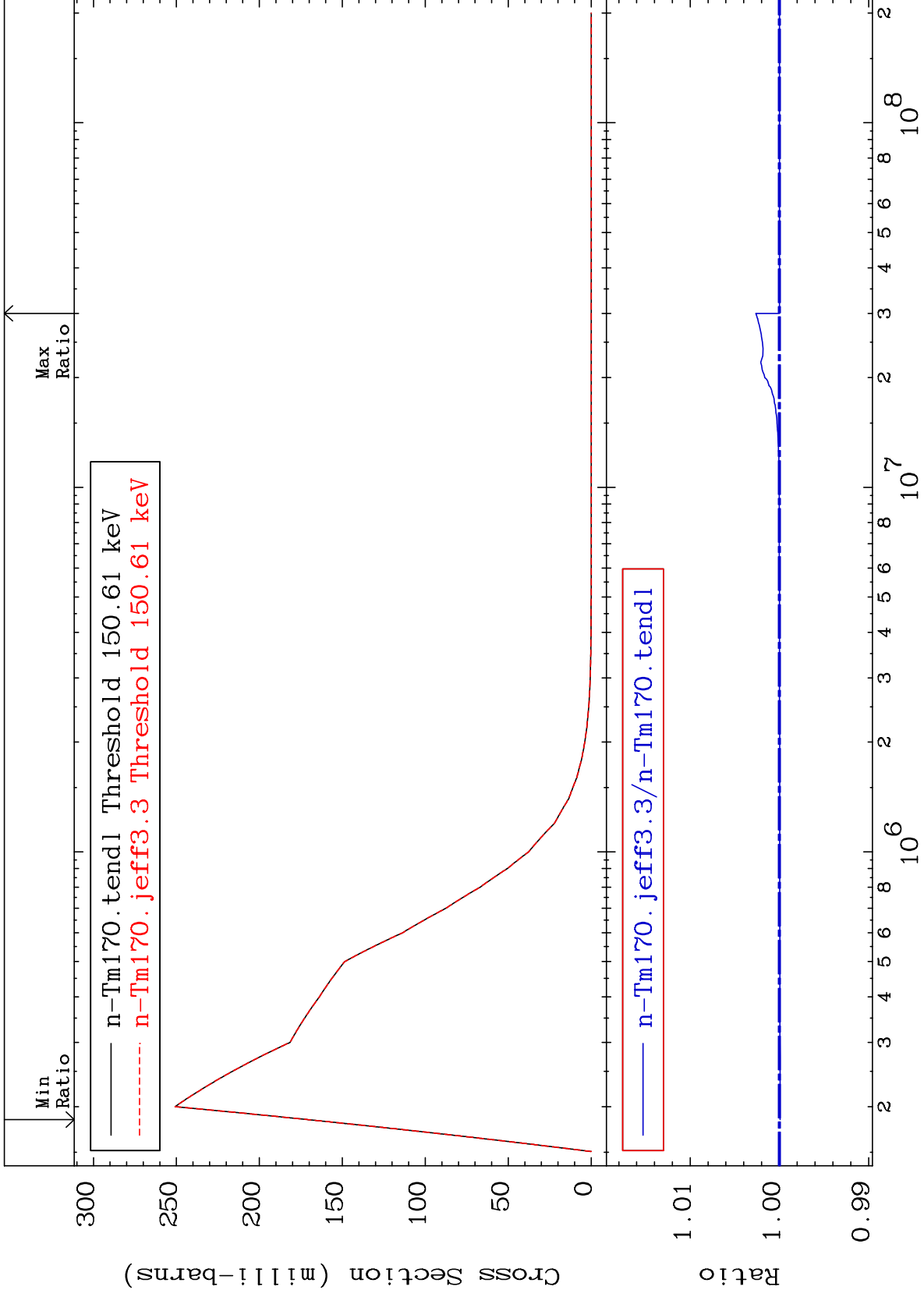
69-Tm-170
-0.019 To 0.000 %



MAT 6928

MT= 53 (n,n') Level
Cross Section

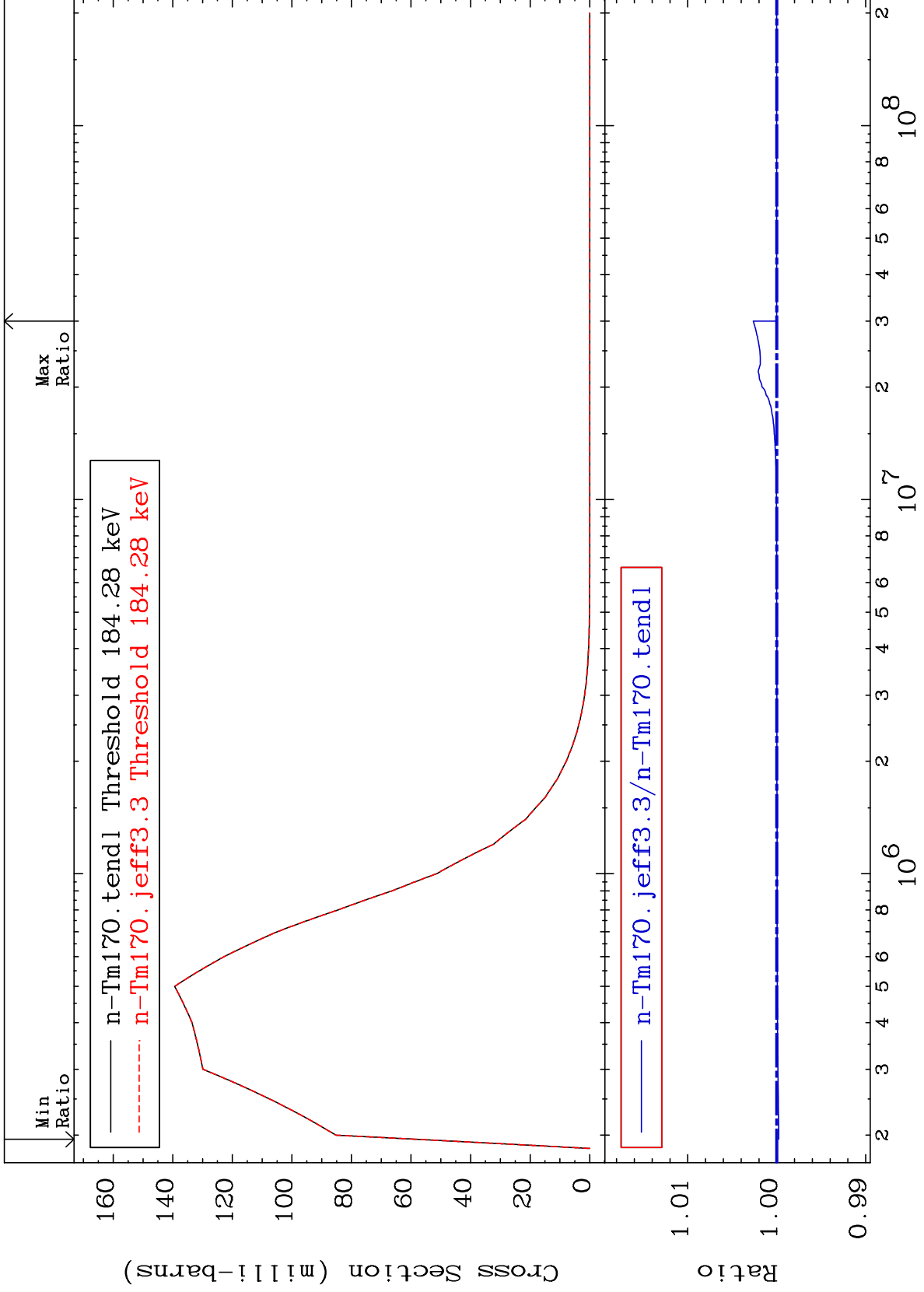
69-Tm-170
-0.007 To 0.264 %



MAT 6928

MT= 54 (n, n') Level
Cross Section

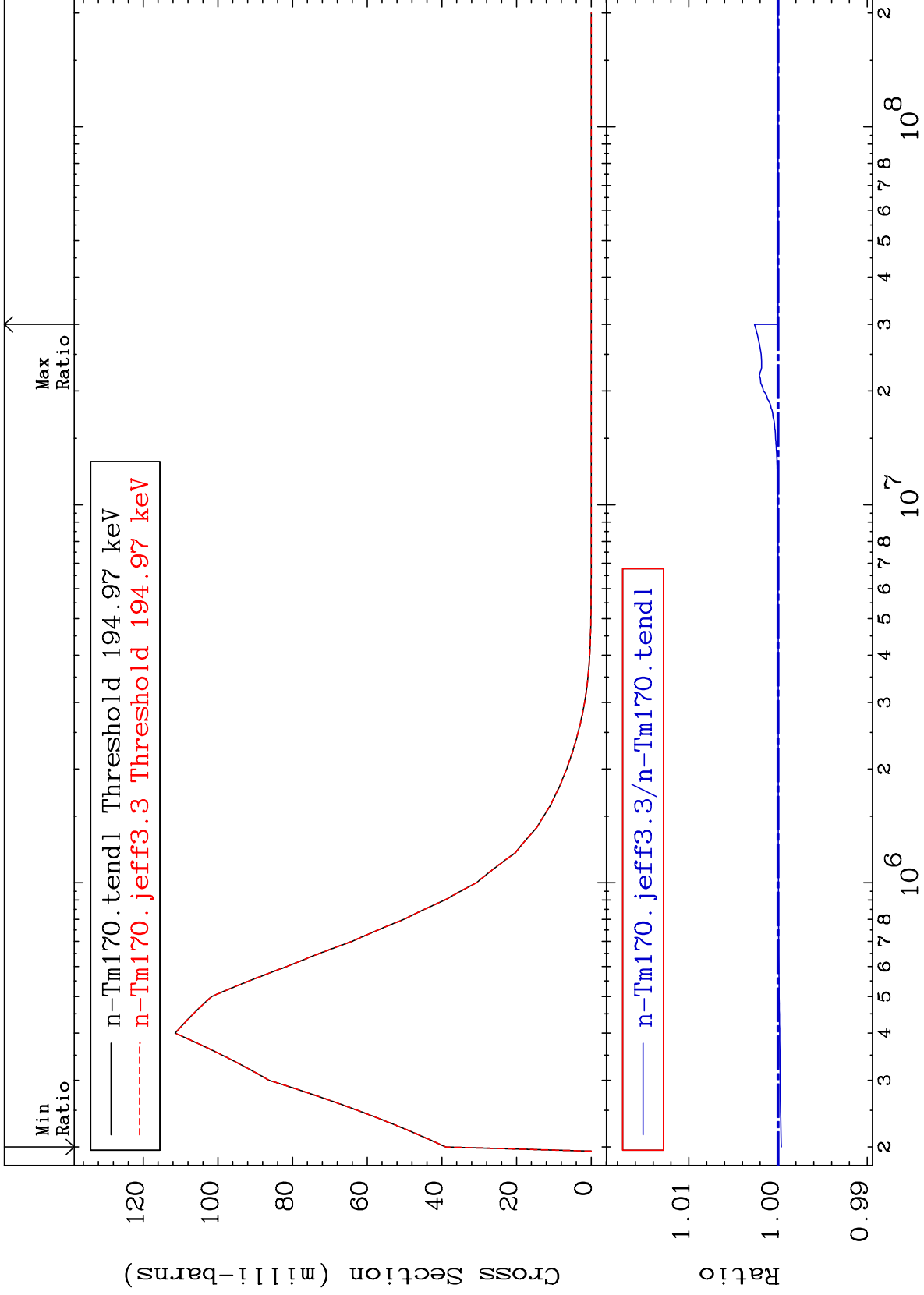
69-Tm-170
-0.023 To 0.264 %



MAT 6928

MT= 55 (n,n') Level
Cross Section

69-Tm-170
-0.037 To 0.264 %



24

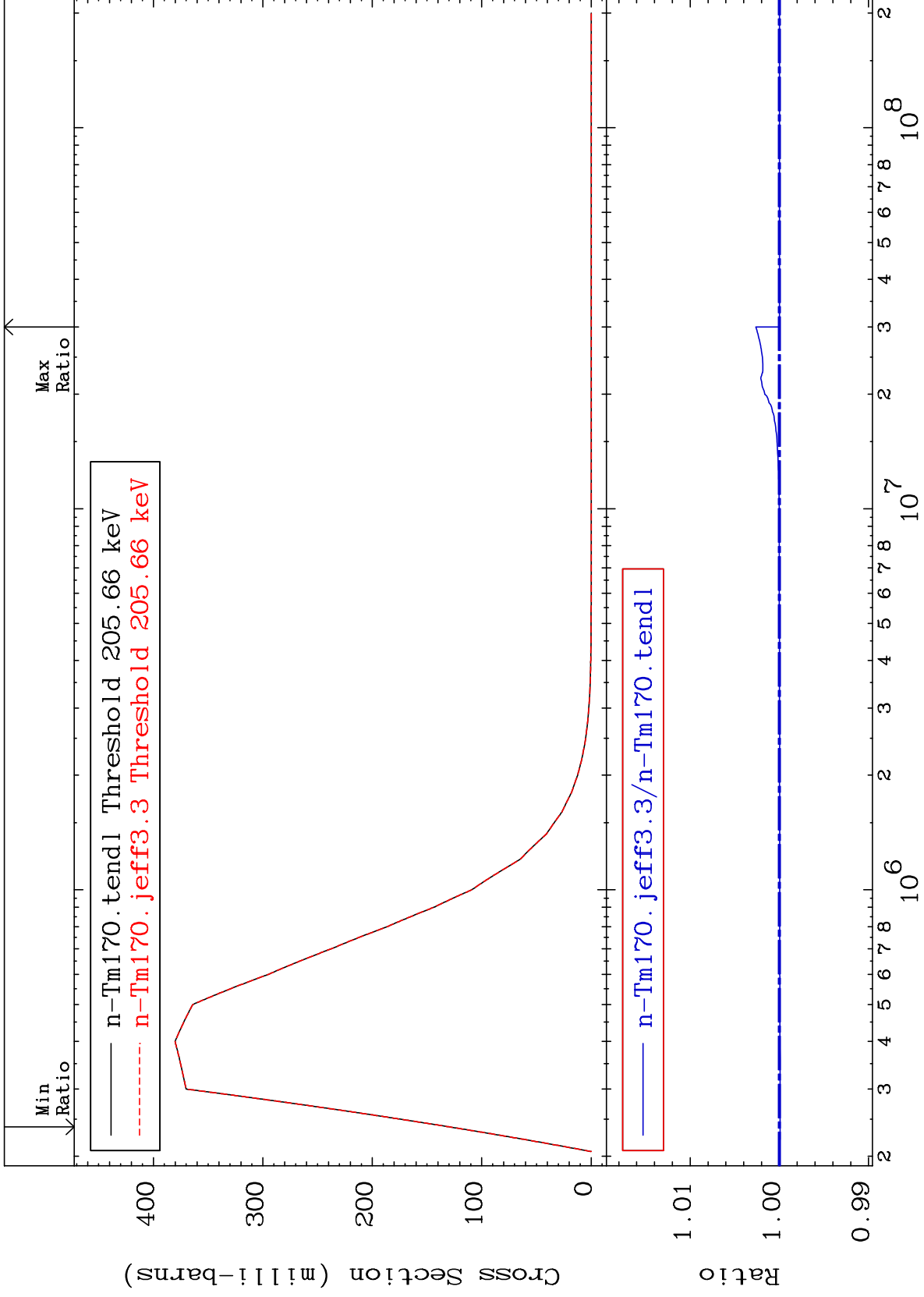
Incident Energy (eV)

69-Tm-170

MAT 6928

MT= 56 (n,n') Level
Cross Section

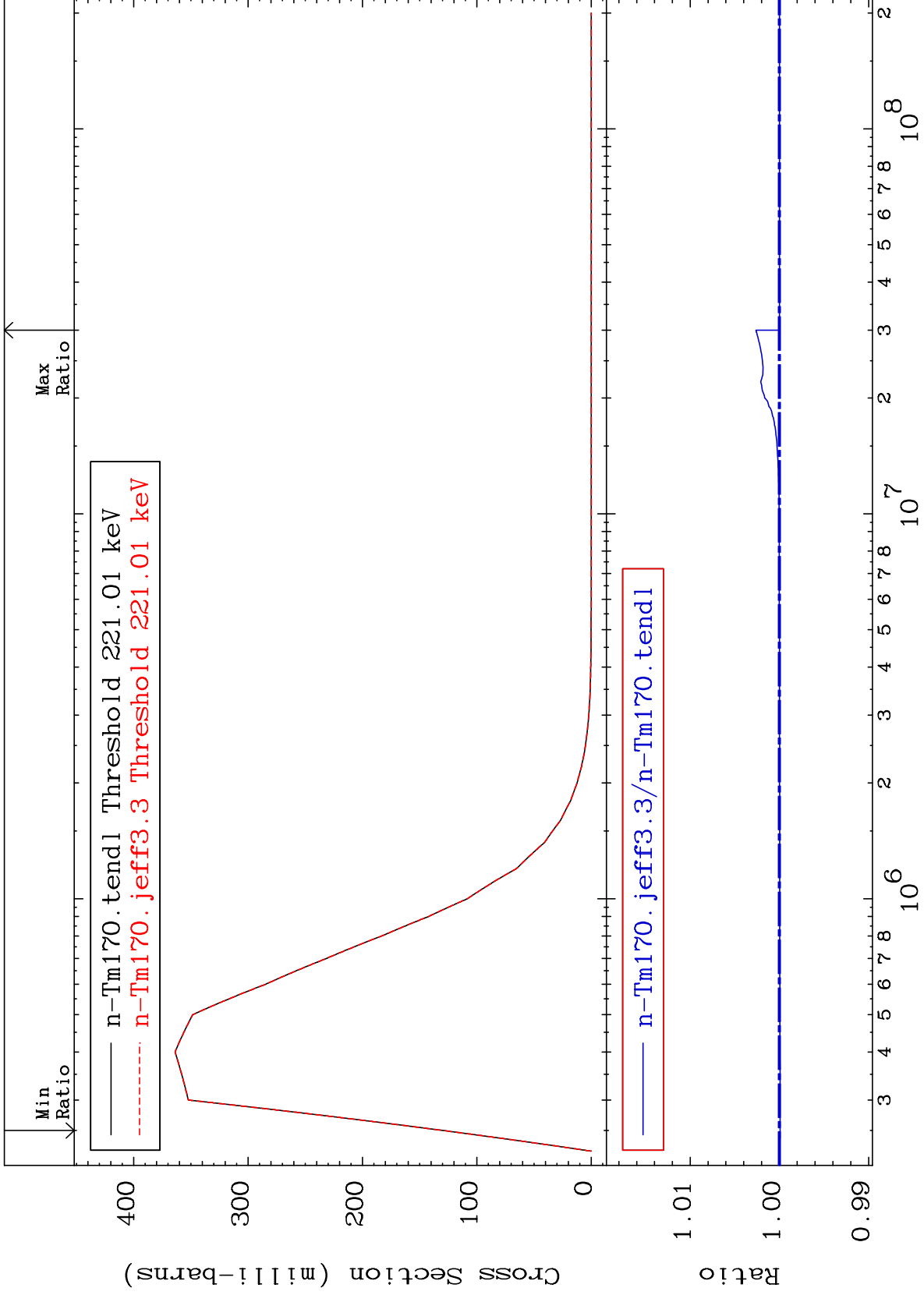
69-Tm-170
-0.007 To 0.264 %



MAT 6928

MT= 57 (n,n') Level
Cross Section

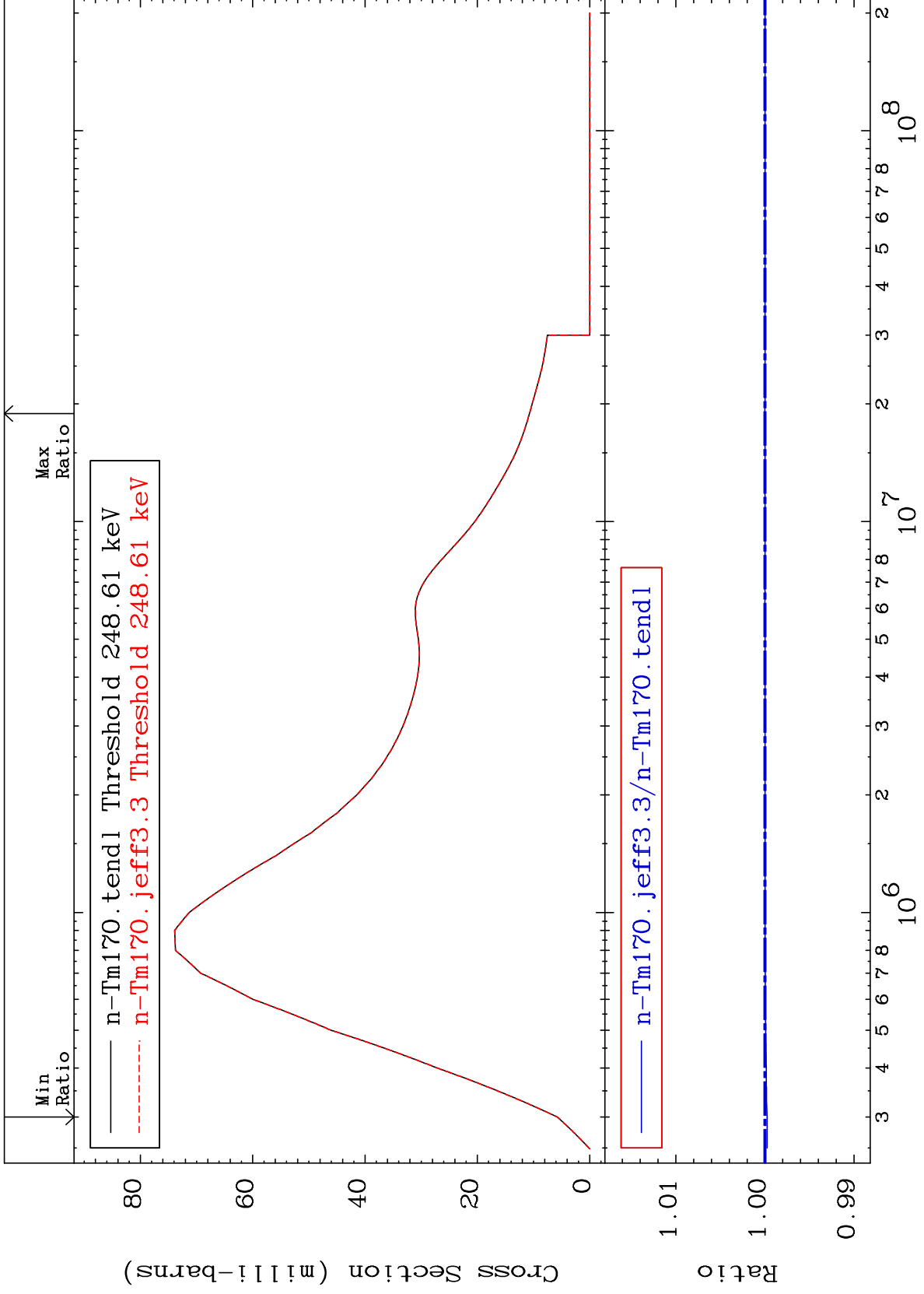
69-Tm-170
-0.007 To 0.264 %



MAT 6928

MT= 59 (n,n') Level
Cross Section

69-Tm-170
-0.024 To 0.000 %



27

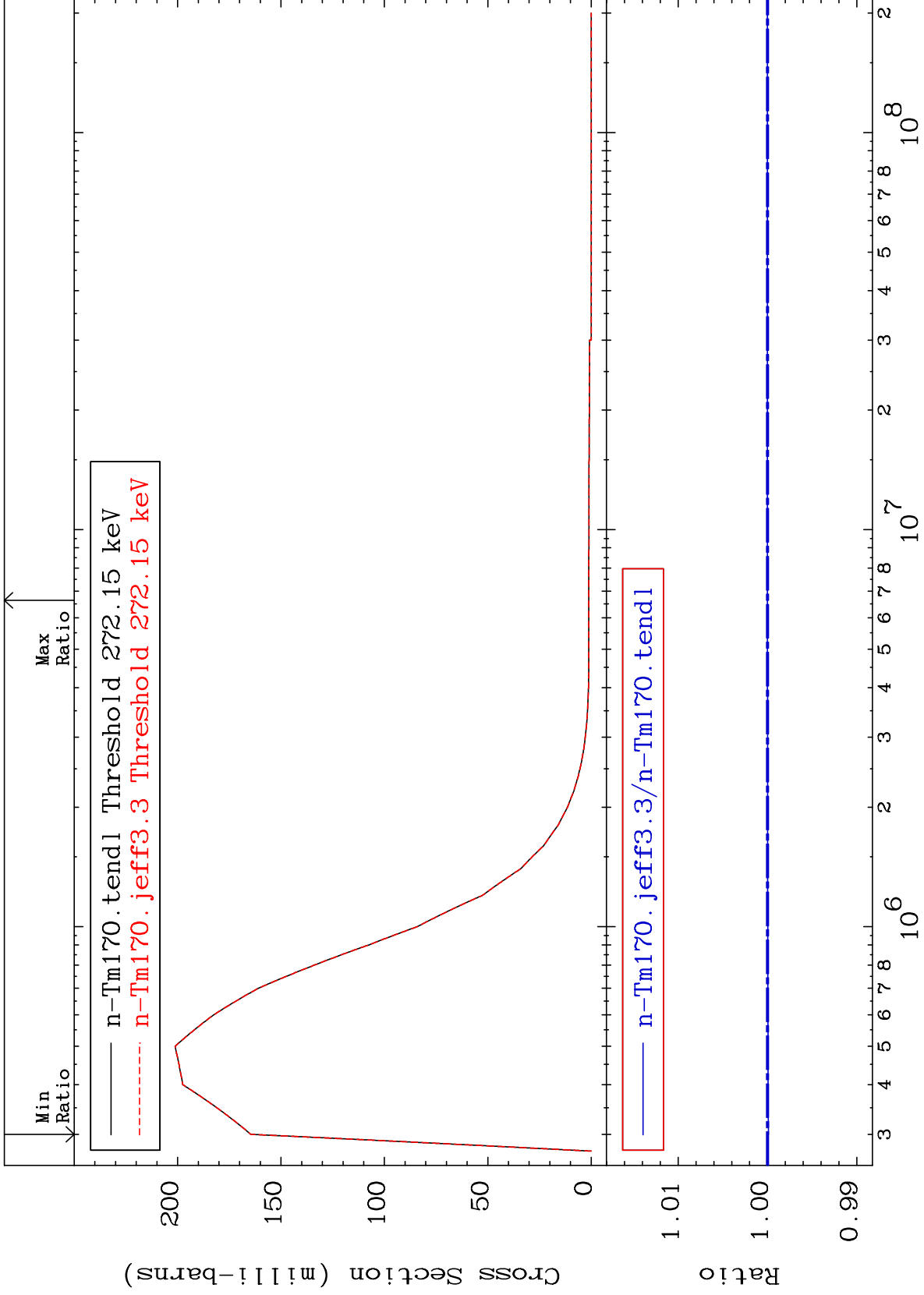
Incident Energy (eV)

69-Tm-170

MAT 6928

MT= 60 (n,n') Level
Cross Section

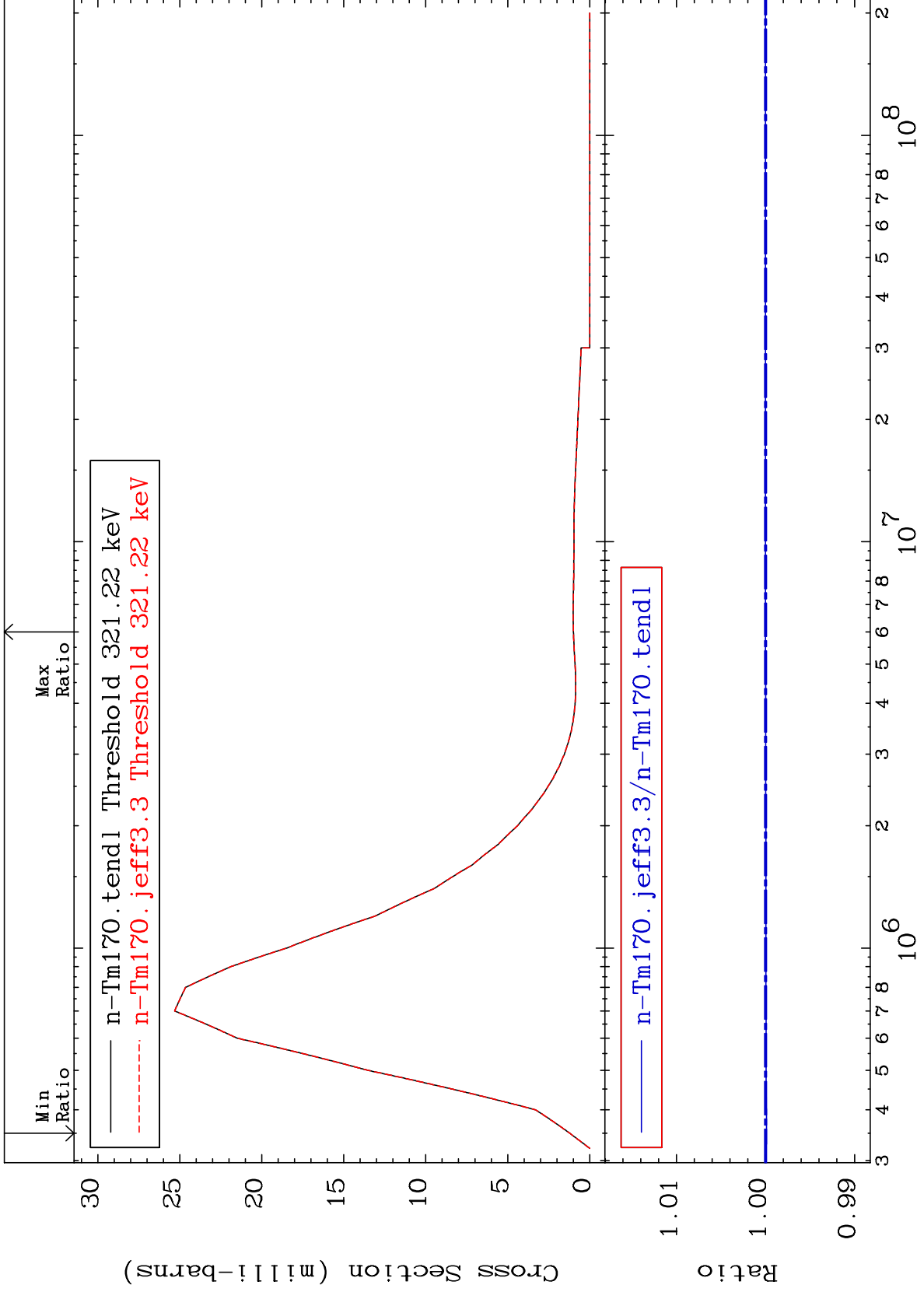
69-Tm-170
-0.011 To 0.000 %



MAT 6928

MT= 61 (n,n') Level
Cross Section

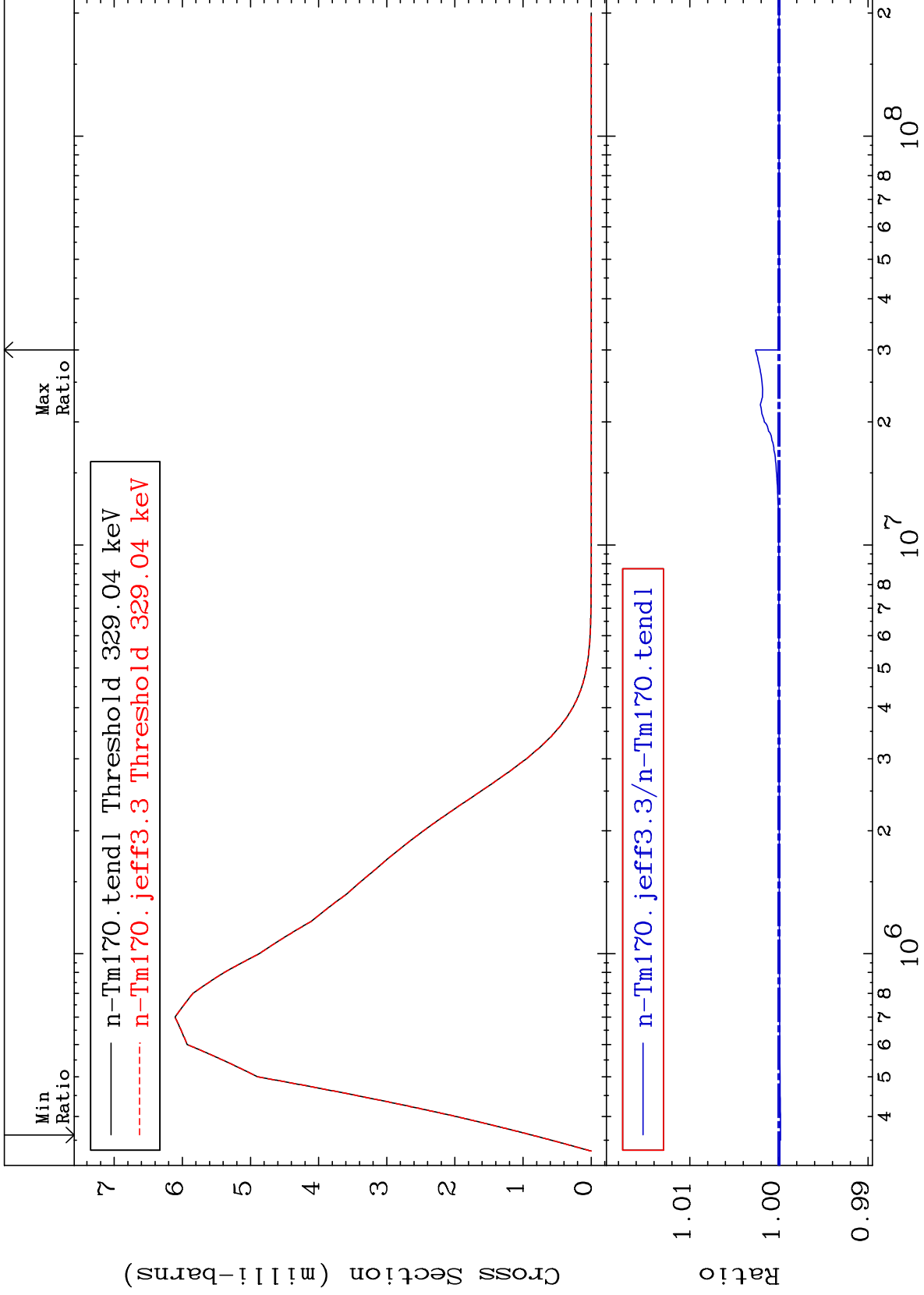
69-Tm-170
-0.010 To 0.000 %



MAT 6928

MT= 62 (n,n') Level
Cross Section

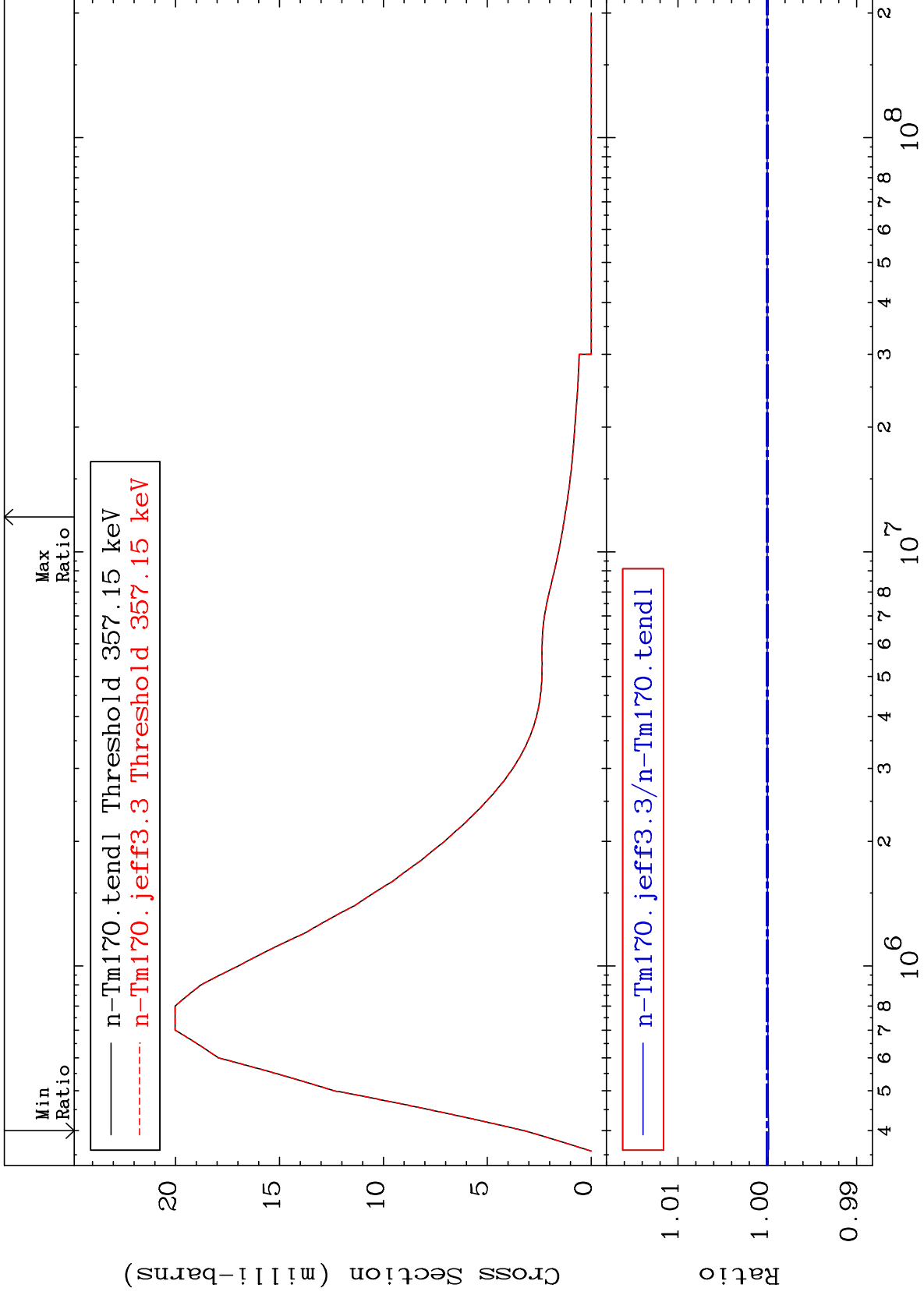
69-Tm-170
-0.017 To 0.264 %



MAT 6928

MT= 64 (n, n') Level
Cross Section

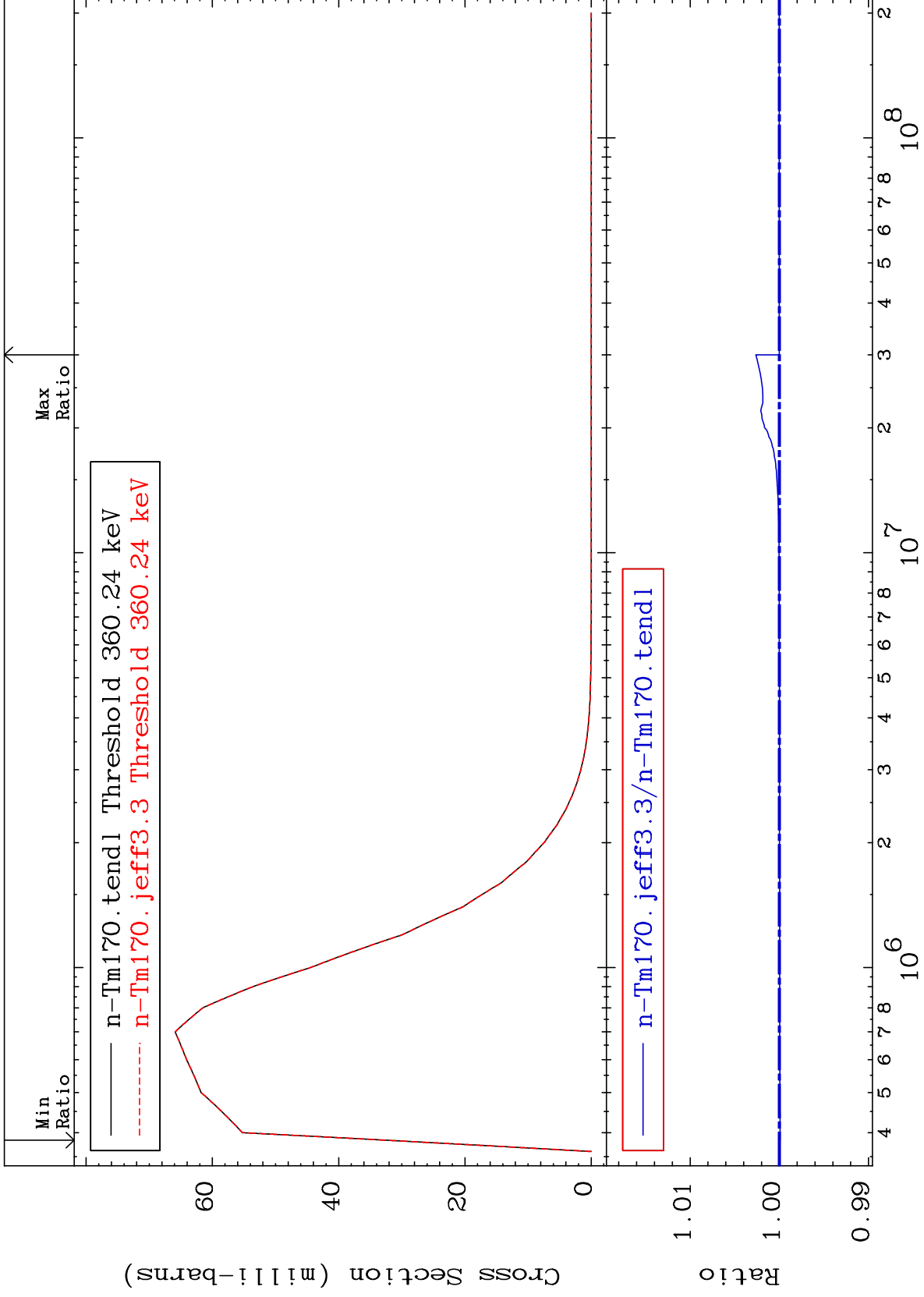
69-Tm-170
-0.015 To 0.000 %



MAT 6928

MT= 65 (n,n') Level
Cross Section

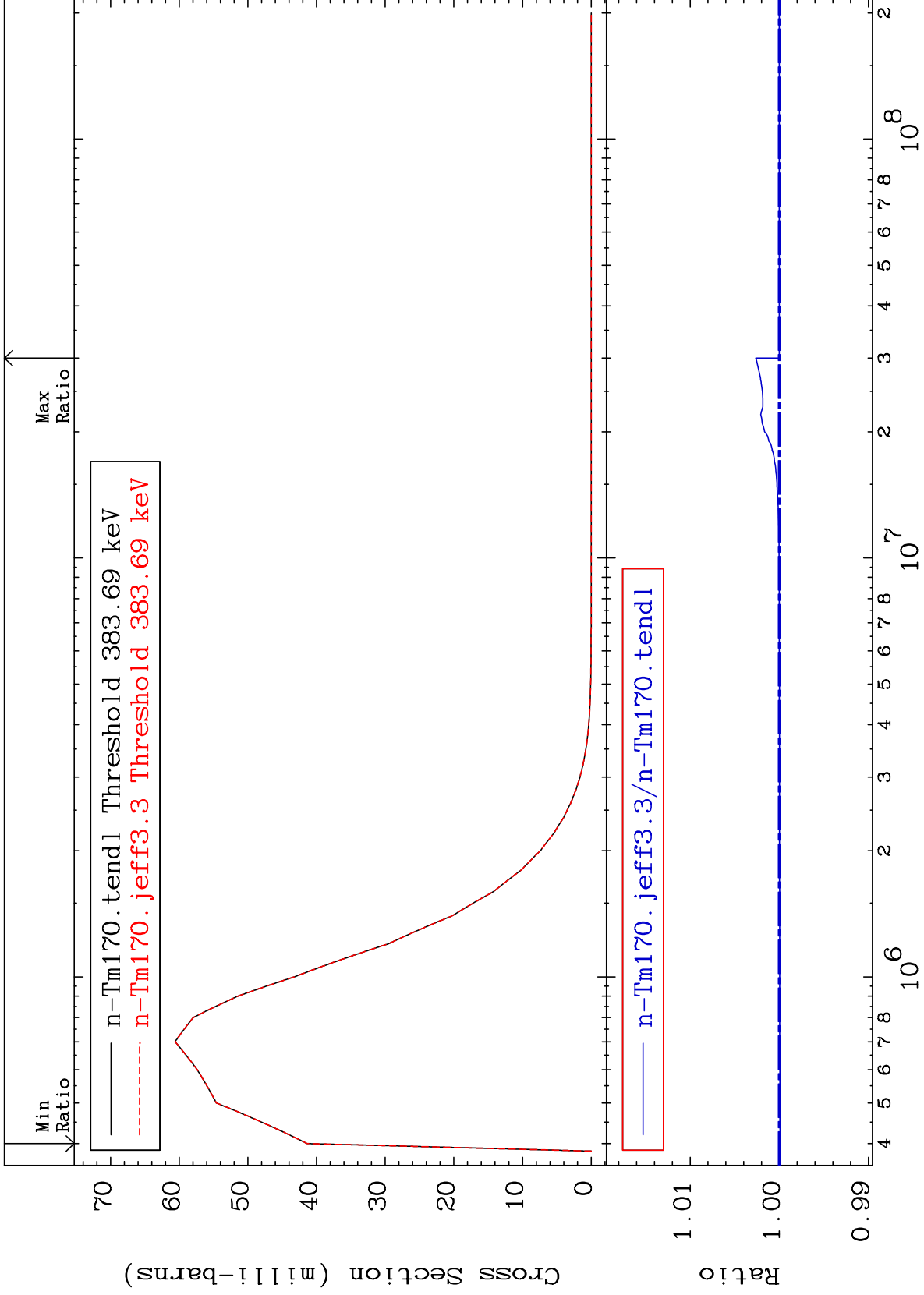
69-Tm-170
-0.008 To 0.264 %



MAT 6928

MT= 66 (n,n') Level
Cross Section

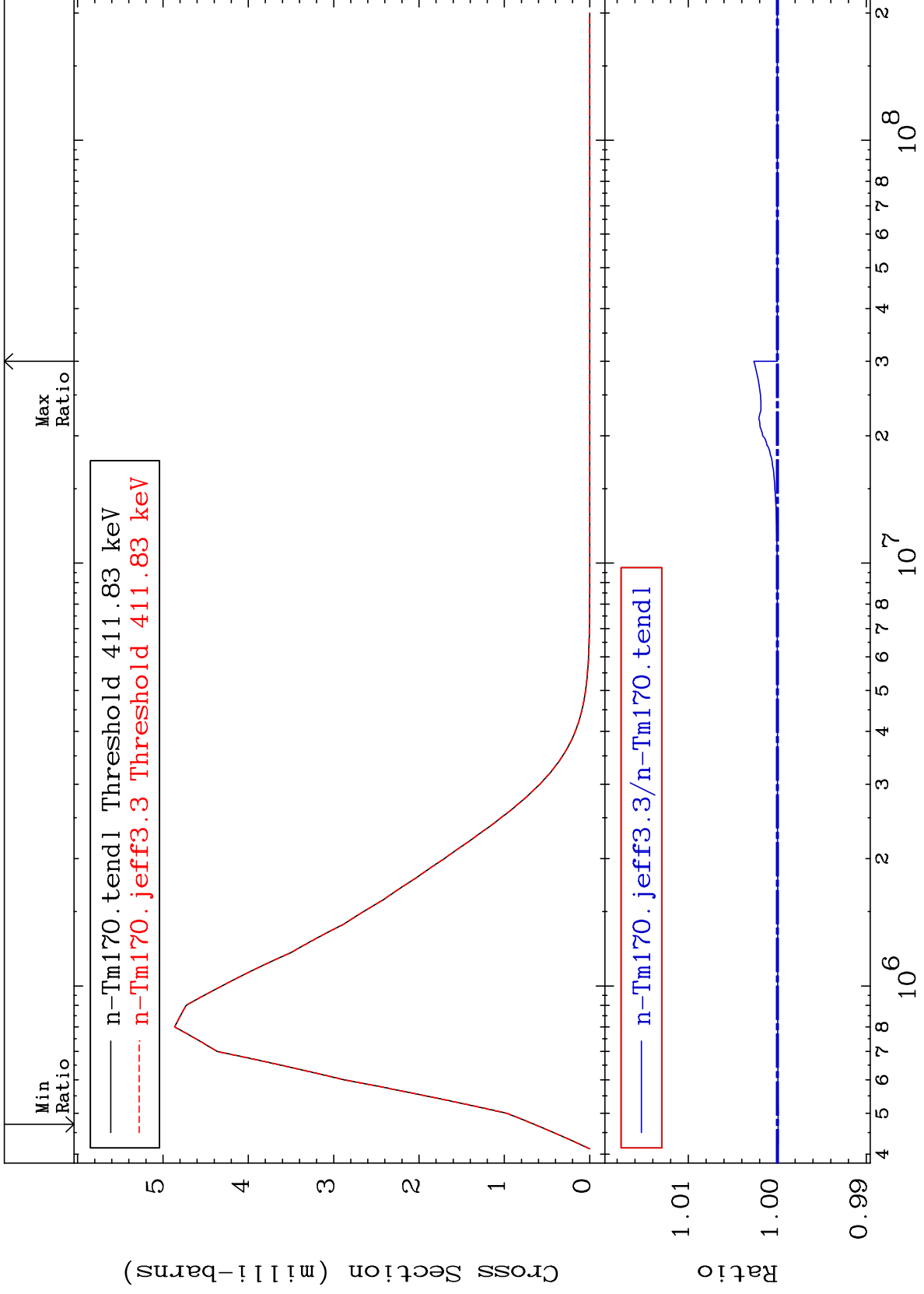
69-Tm-170
-0.008 To 0.264 %



MAT 6928

MT= 68 (n,n') Level
Cross Section

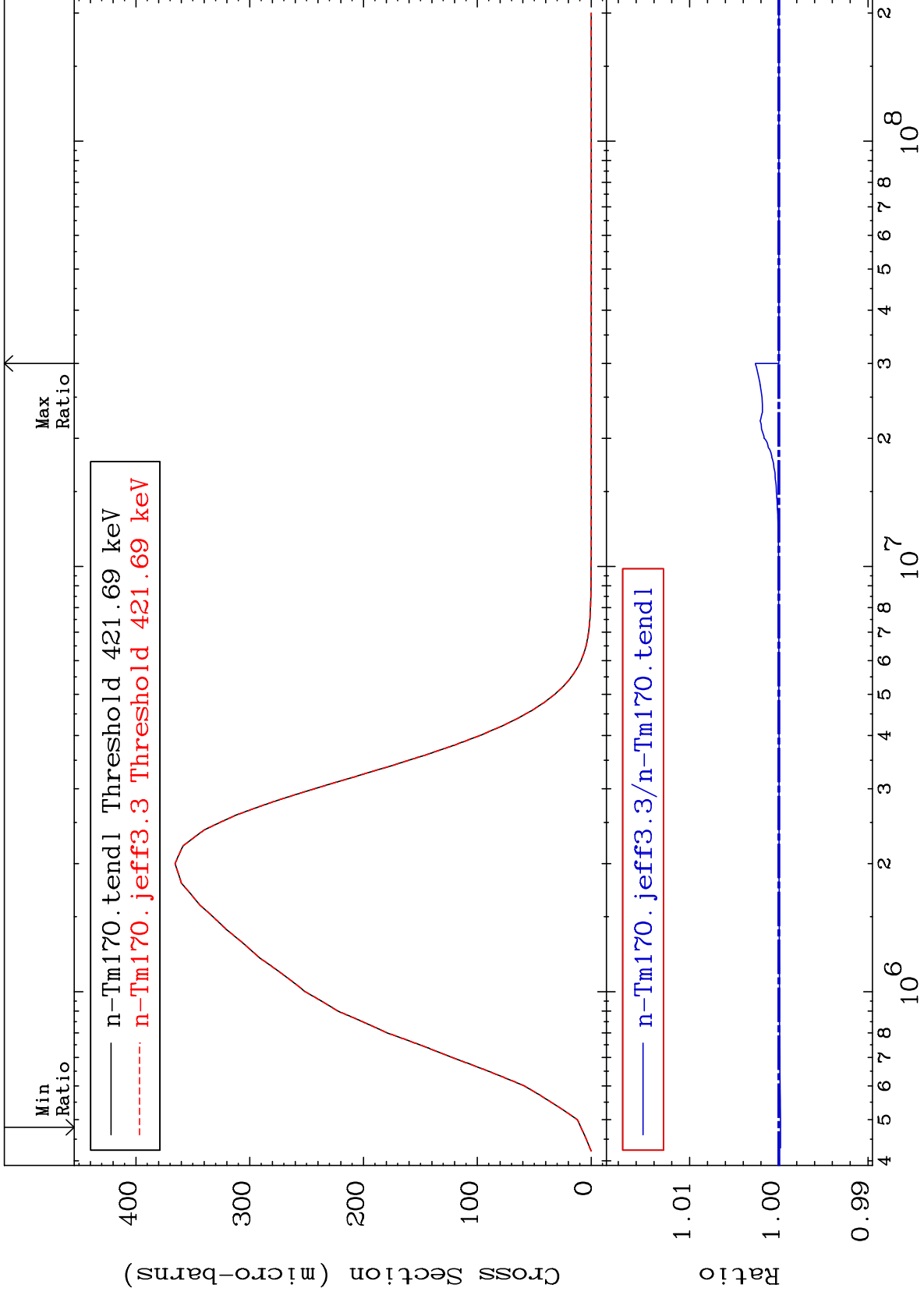
69-Tm-170
-0.009 To 0.264 %



MAT 6928

MT= 69 (n,n') Level
Cross Section

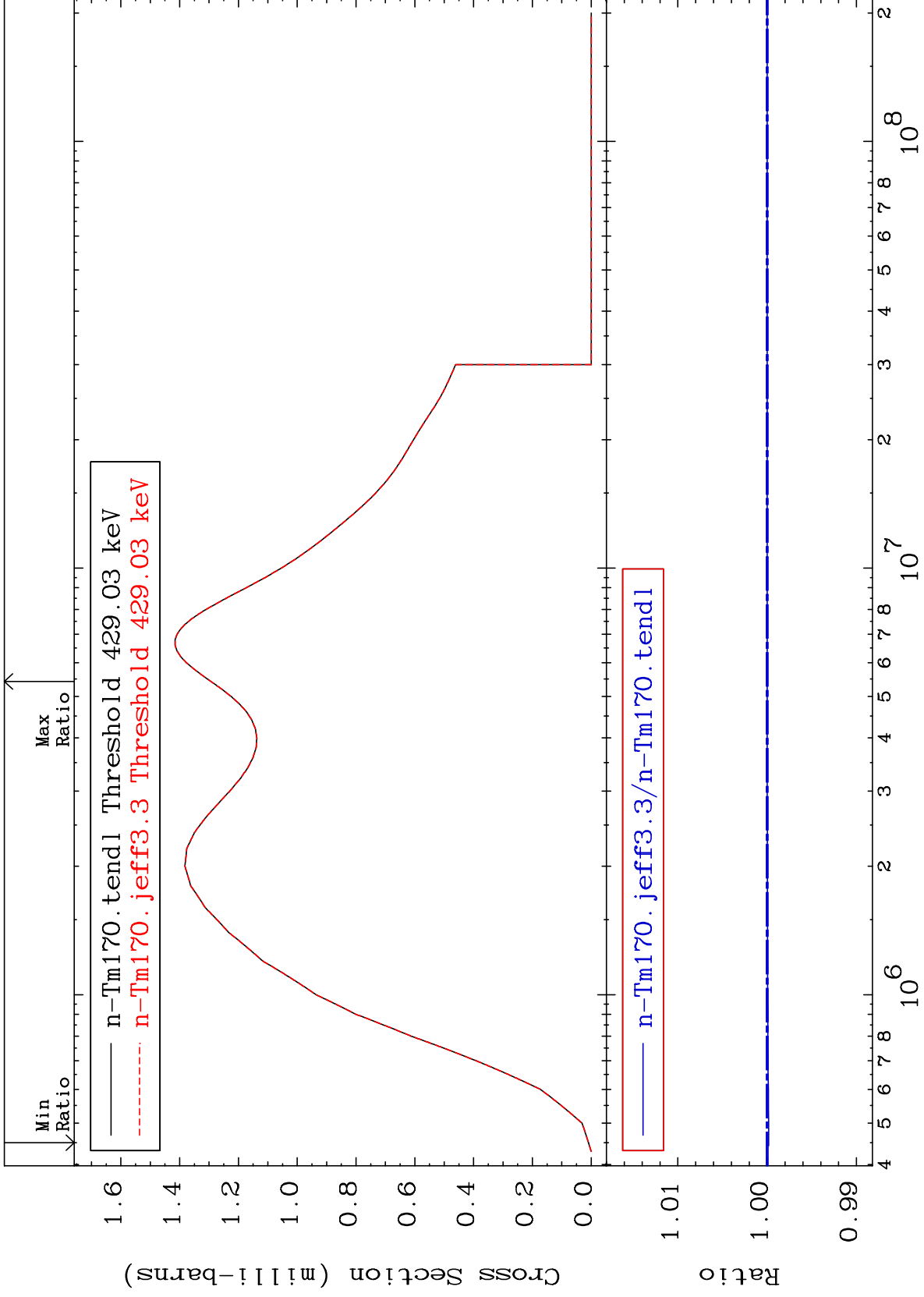
69-Tm-170
-0.019 To 0.263 %



MAT 6928

MT= 70 (n,n') Level
Cross Section

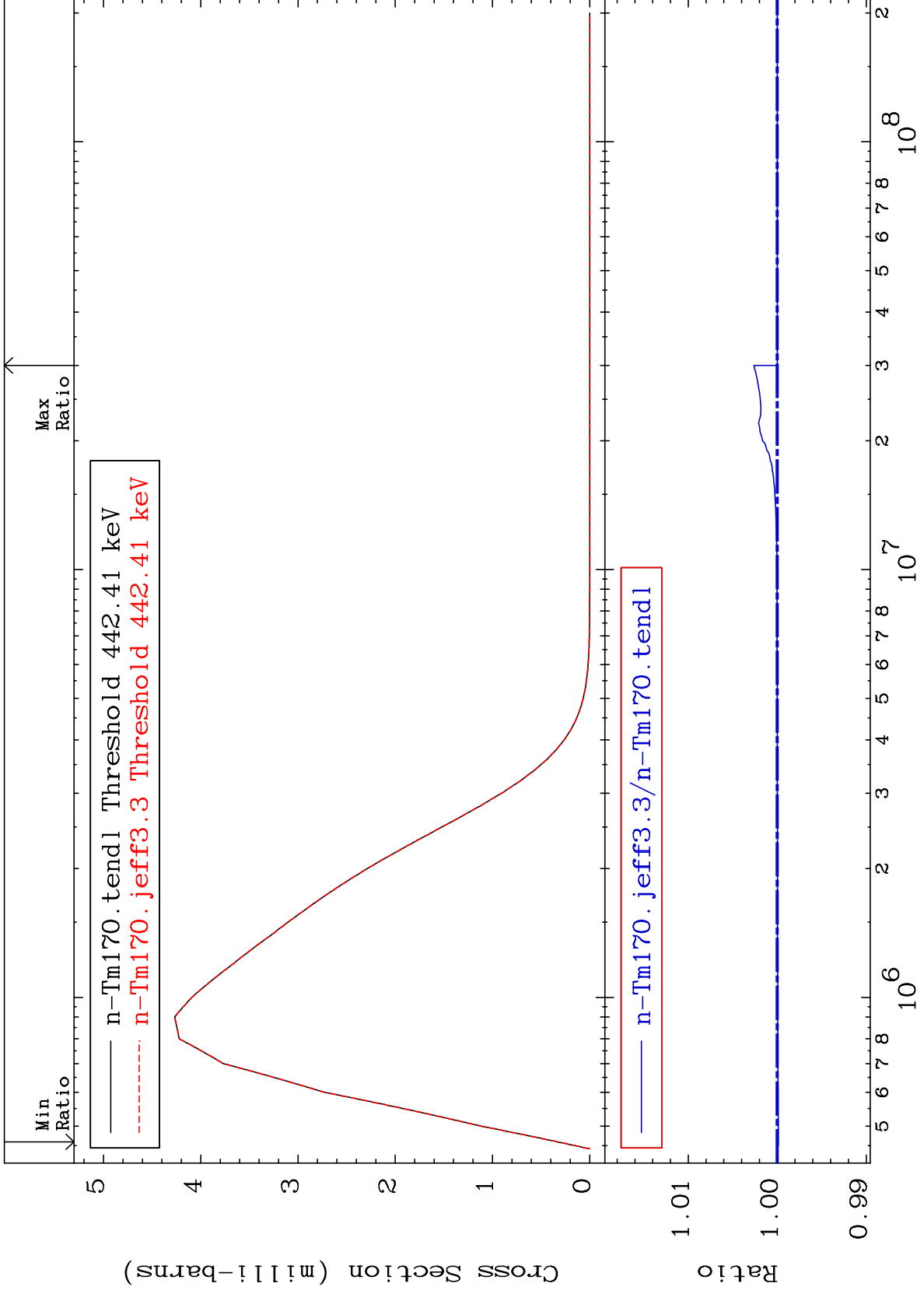
69-Tm-170
-0.018 To 0.000 %



MAT 6928

MT= 71 (n,n') Level
Cross Section

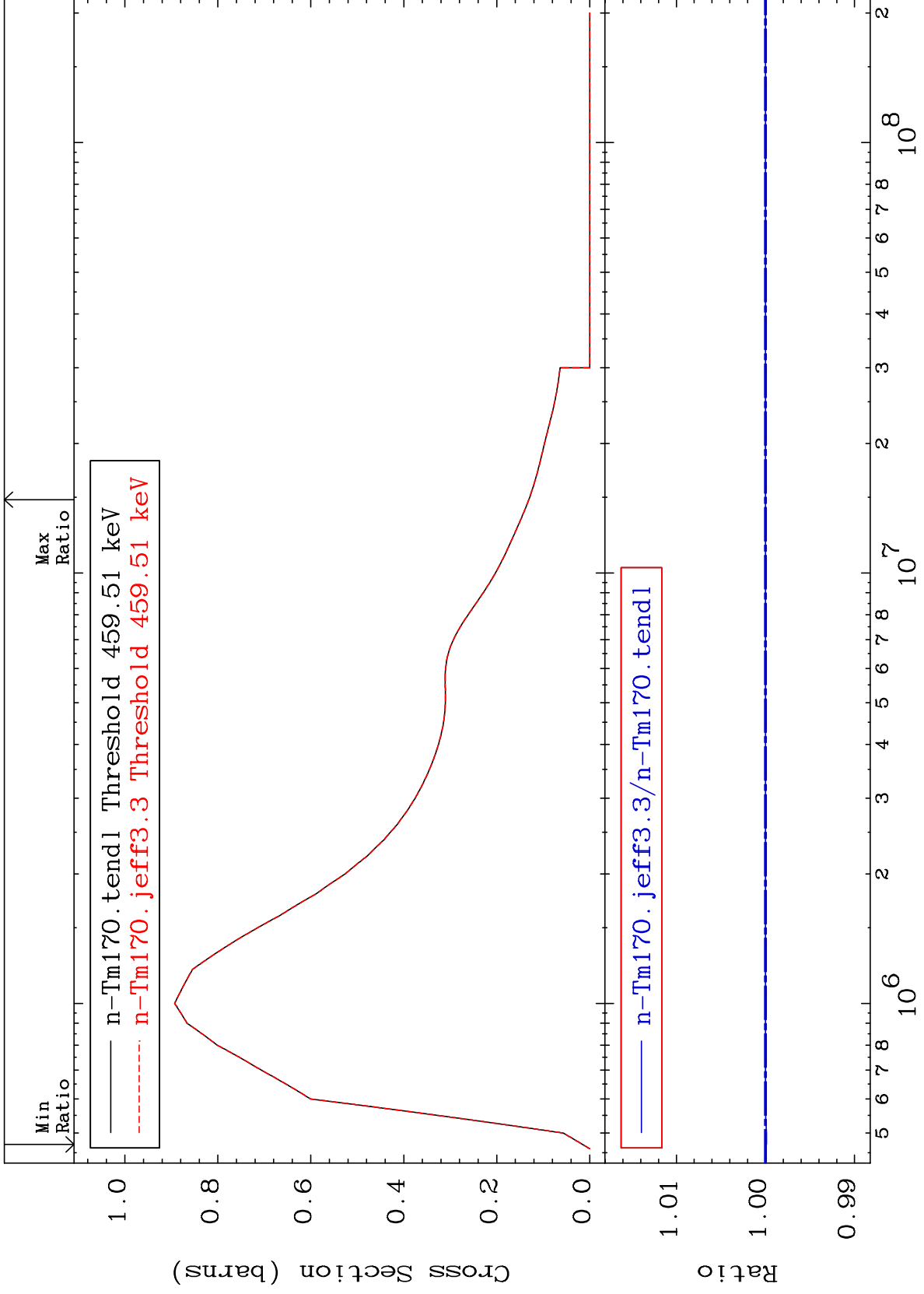
69-Tm-170
-0.012 To 0.264 %



MAT 6928

MT= 73 (n, n') Level
Cross Section

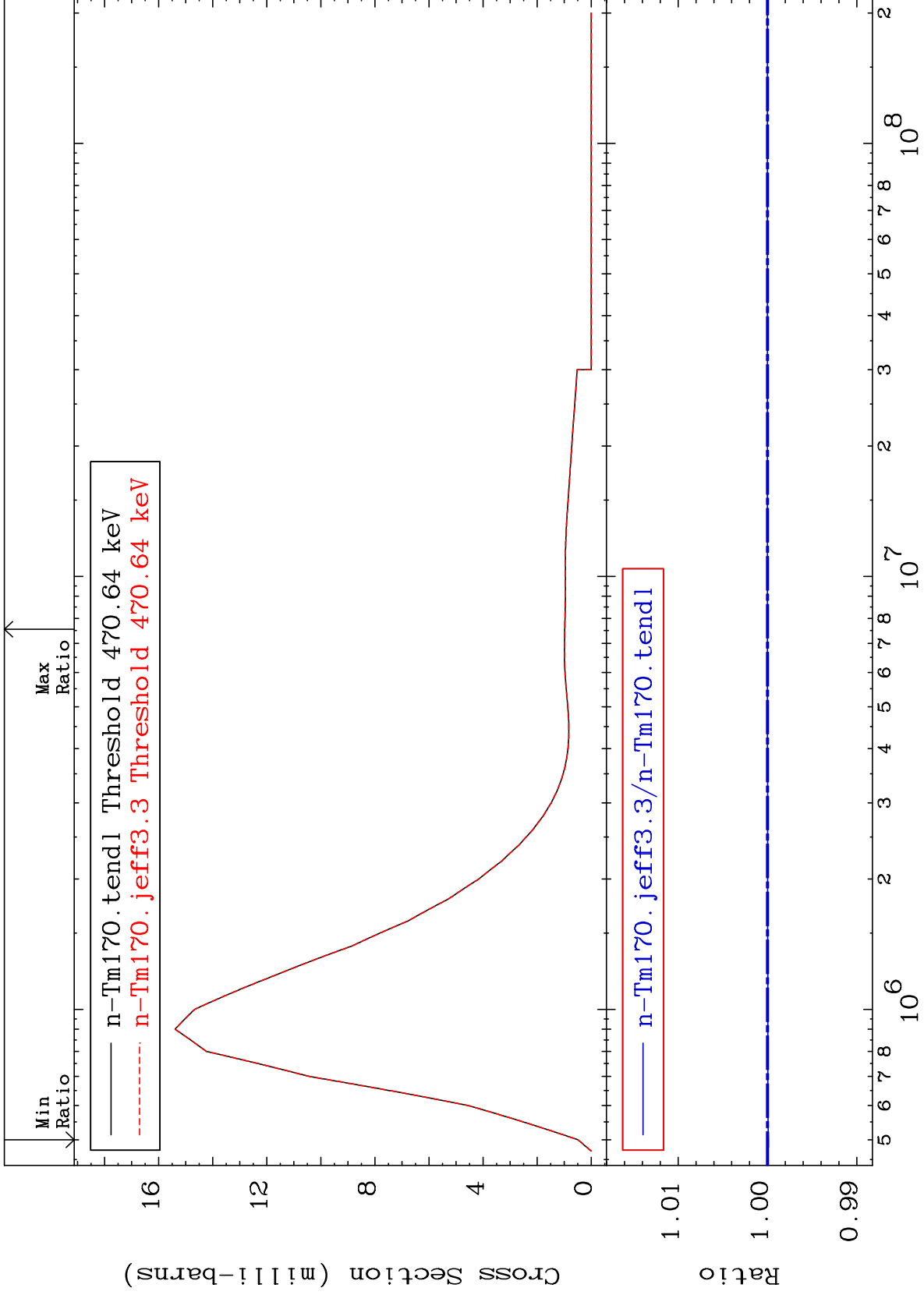
69-Tm-170
-0.012 To 0.000 %



MAT 6928

MT= 74 (n,n') Level
Cross Section

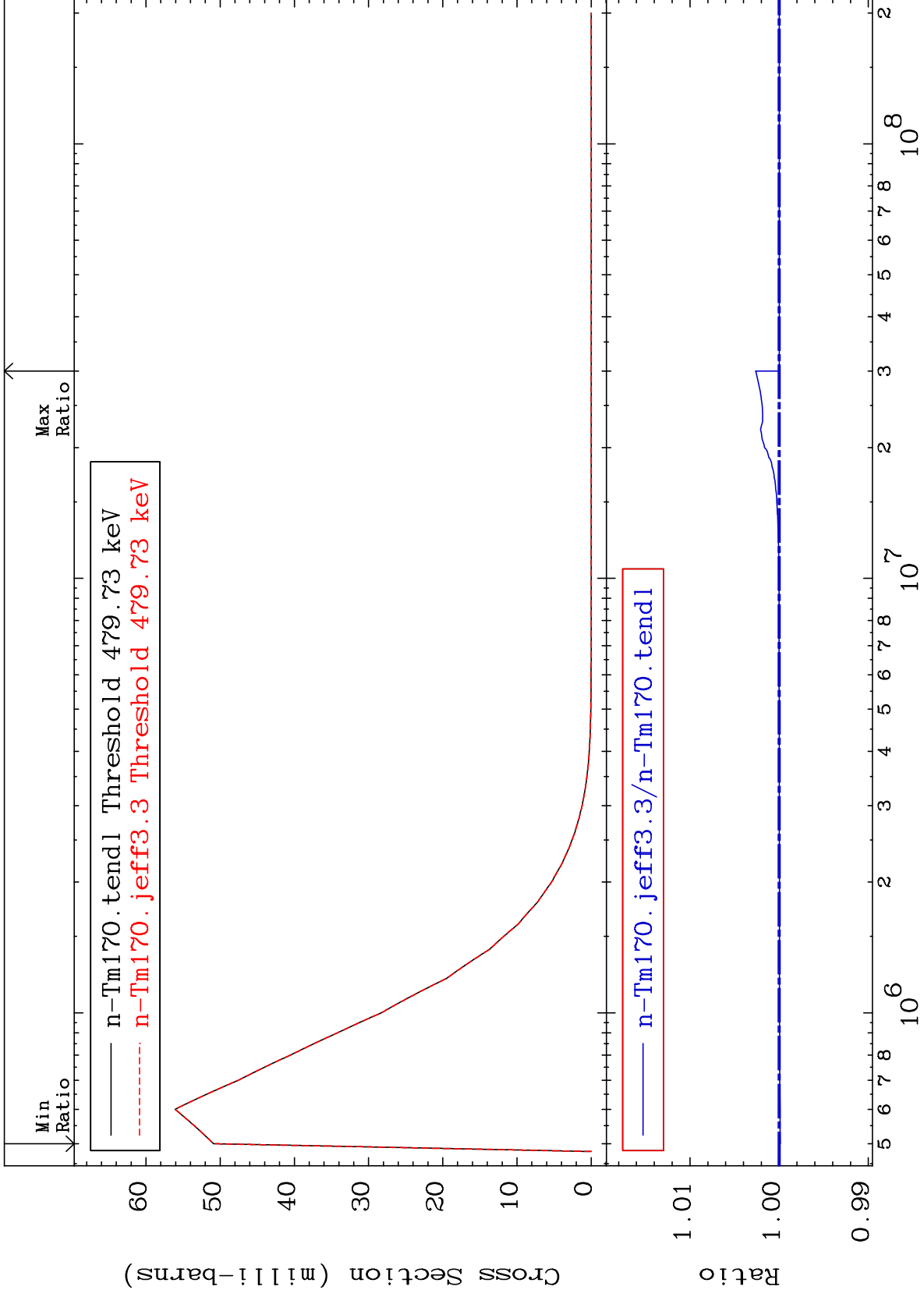
69-Tm-170
-0.011 To 0.000 %



MAT 6928

MT= 75 (n,n') Level
Cross Section

69-Tm-170
-0.012 To 0.264 %



40

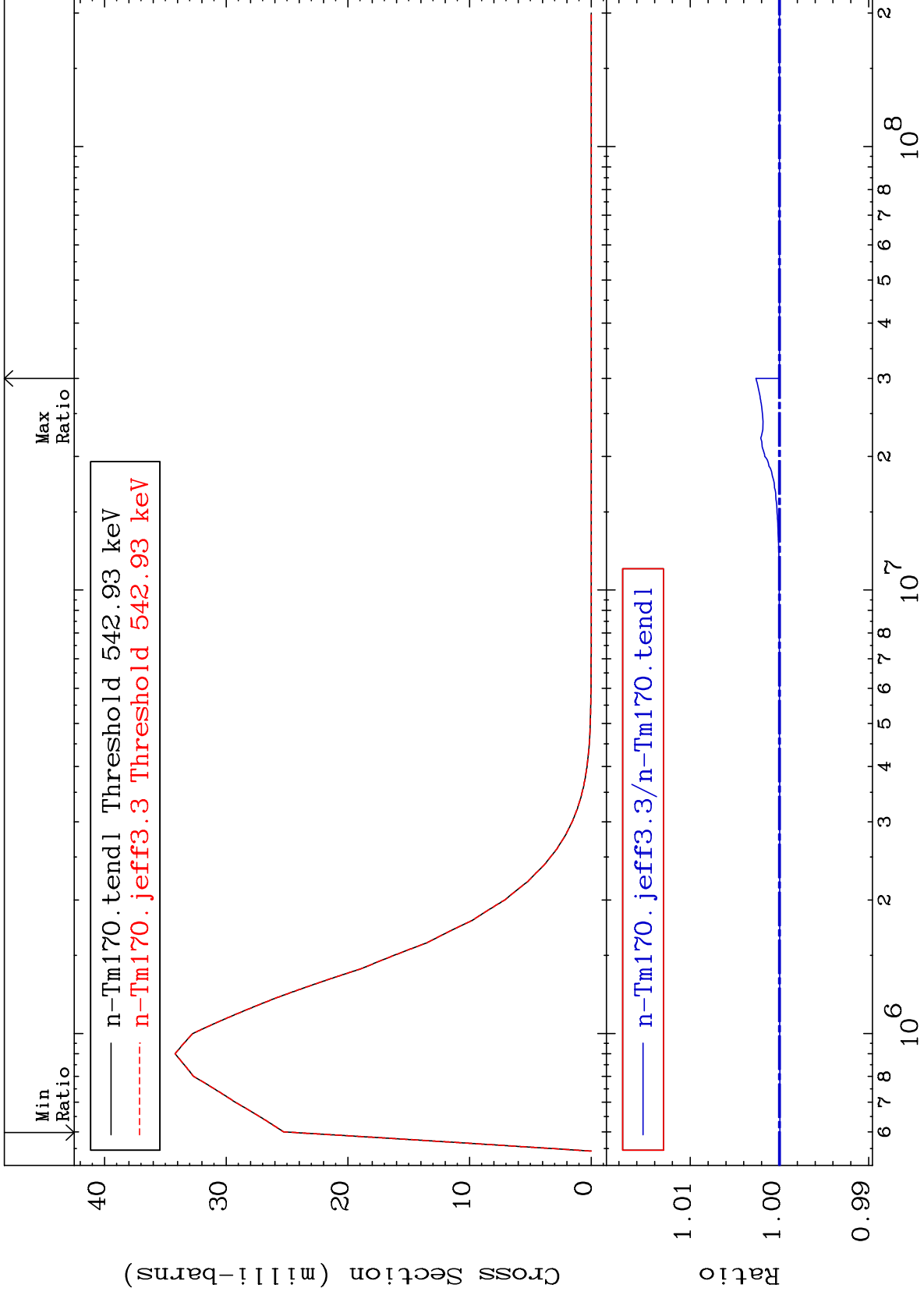
Incident Energy (eV)

69-Tm-170

MAT 6928

MT= 76 (n,n') Level
Cross Section

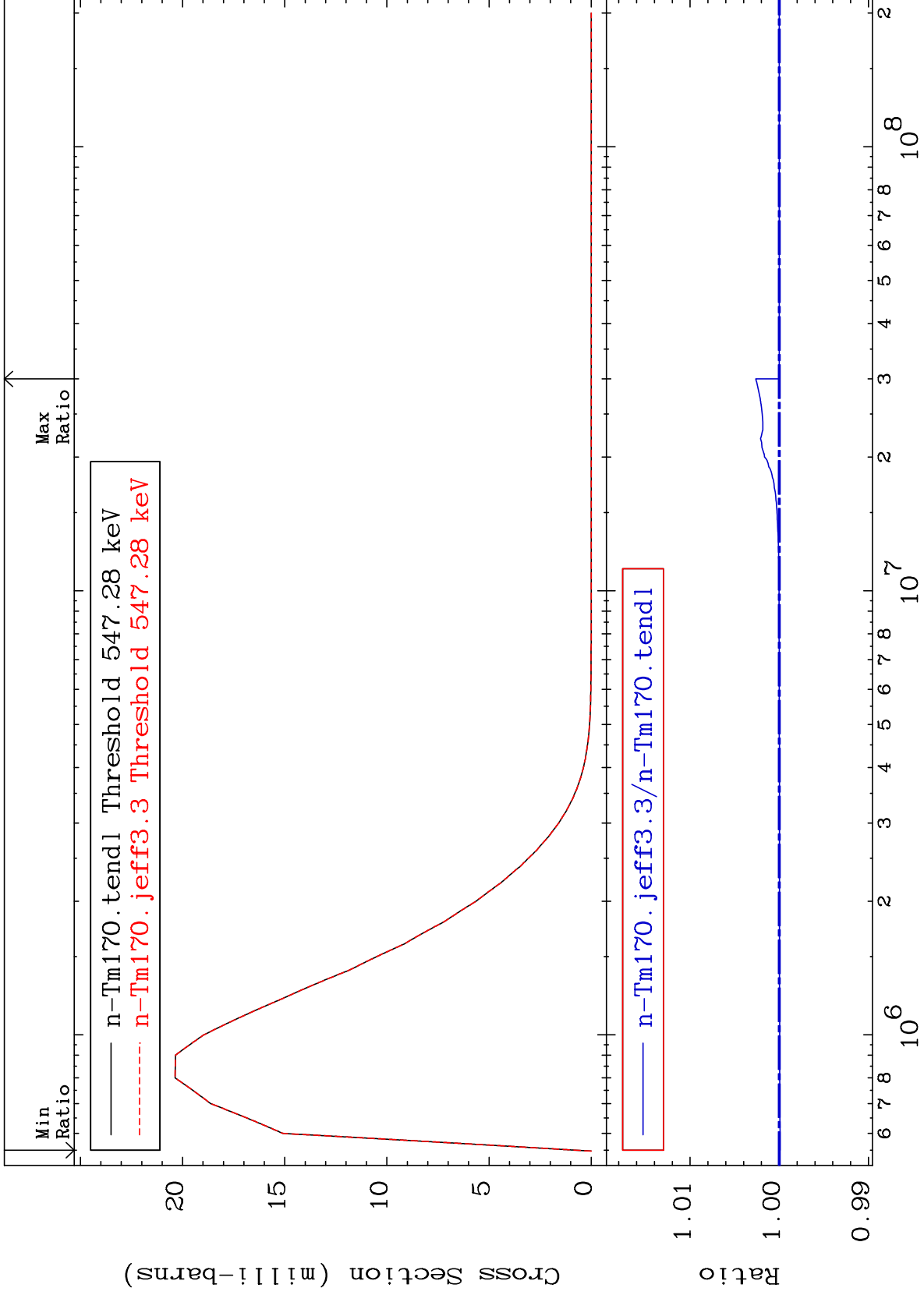
69-Tm-170
-0.006 To 0.264 %



MAT 6928

MT= 77 (n,n') Level
Cross Section

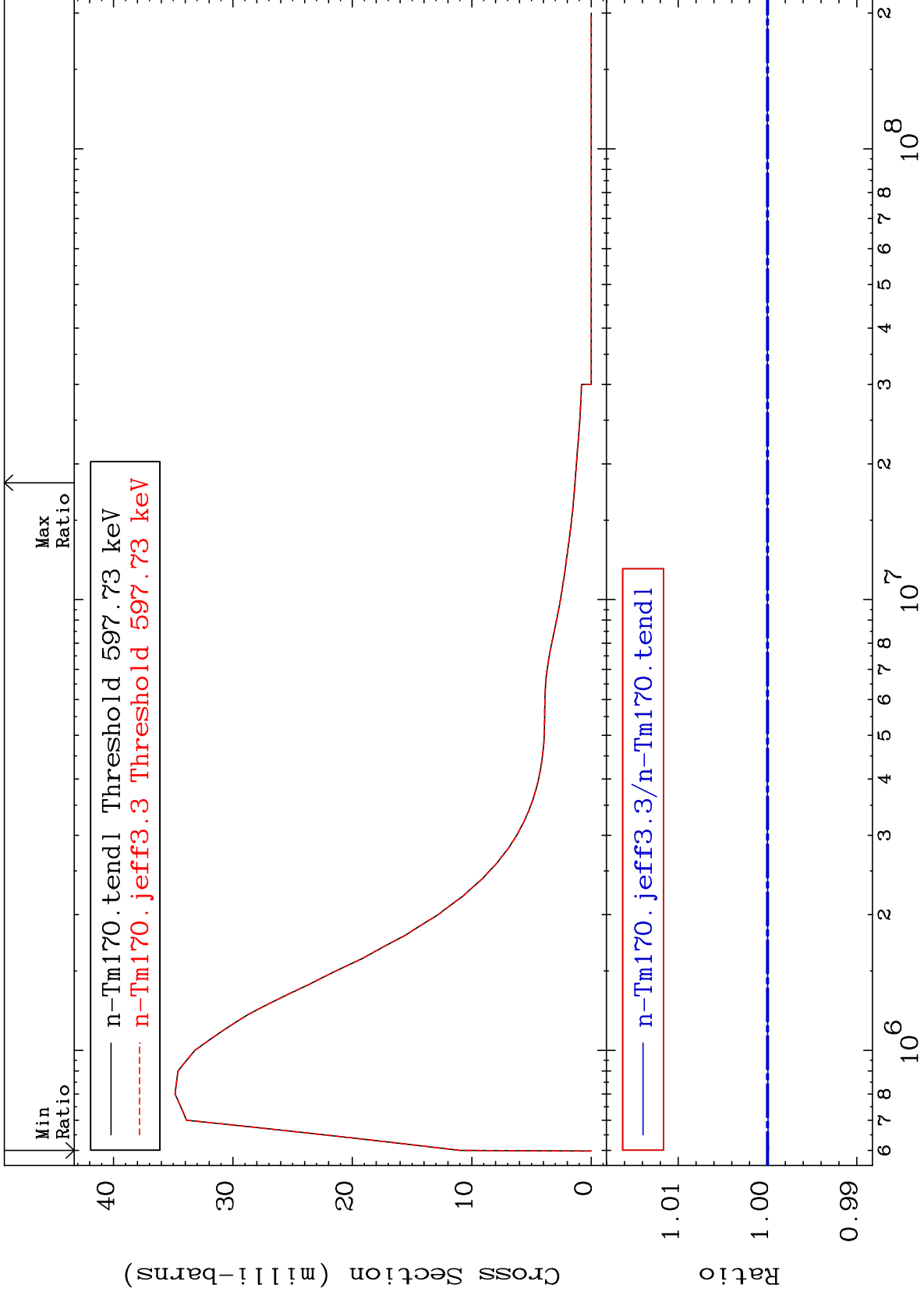
69-Tm-170
-0.009 To 0.264 %



MAT 6928

MT= 80 (n,n') Level
Cross Section

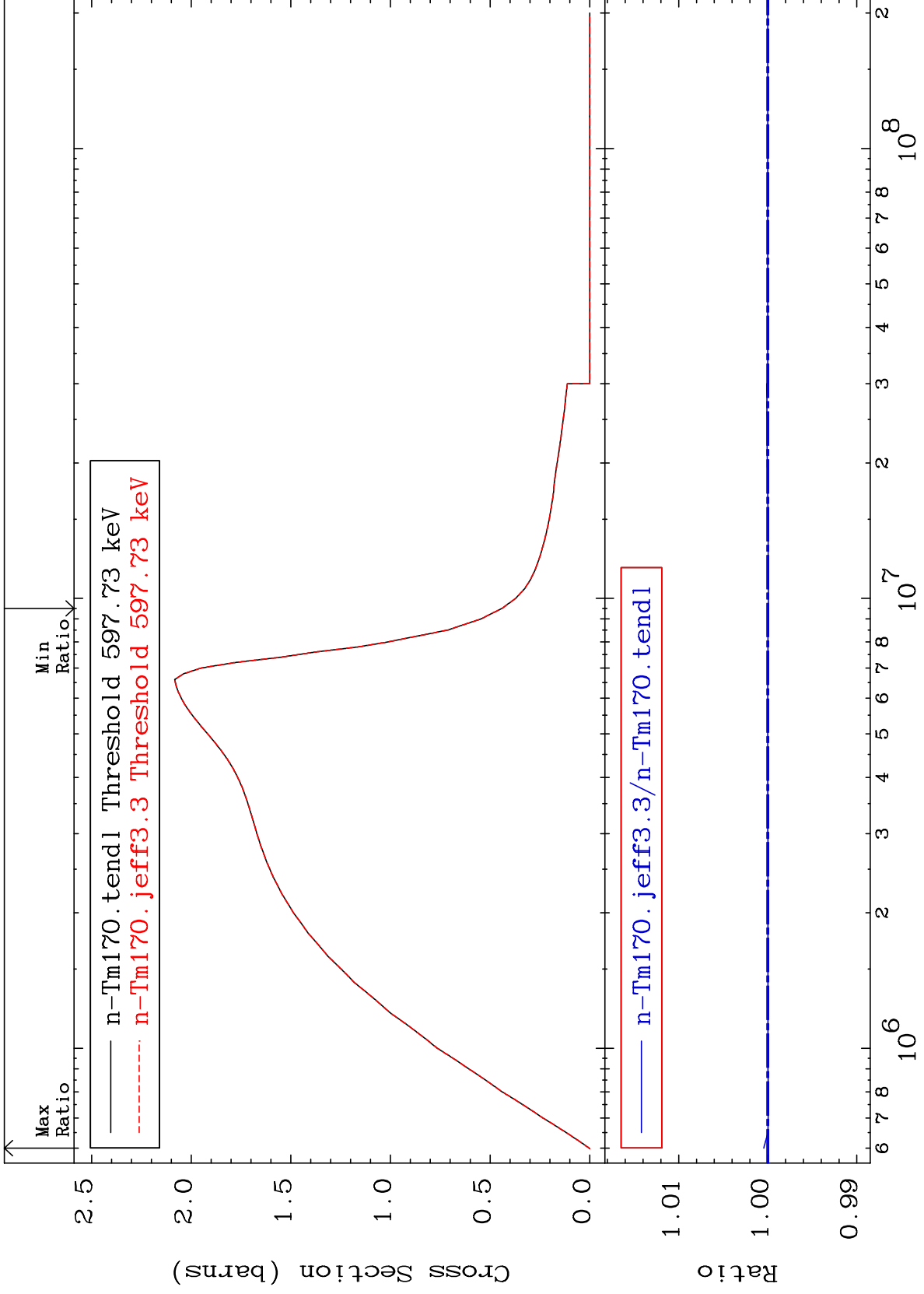
69-Tm-170
-0.011 To 0.000 %



MAT 6928

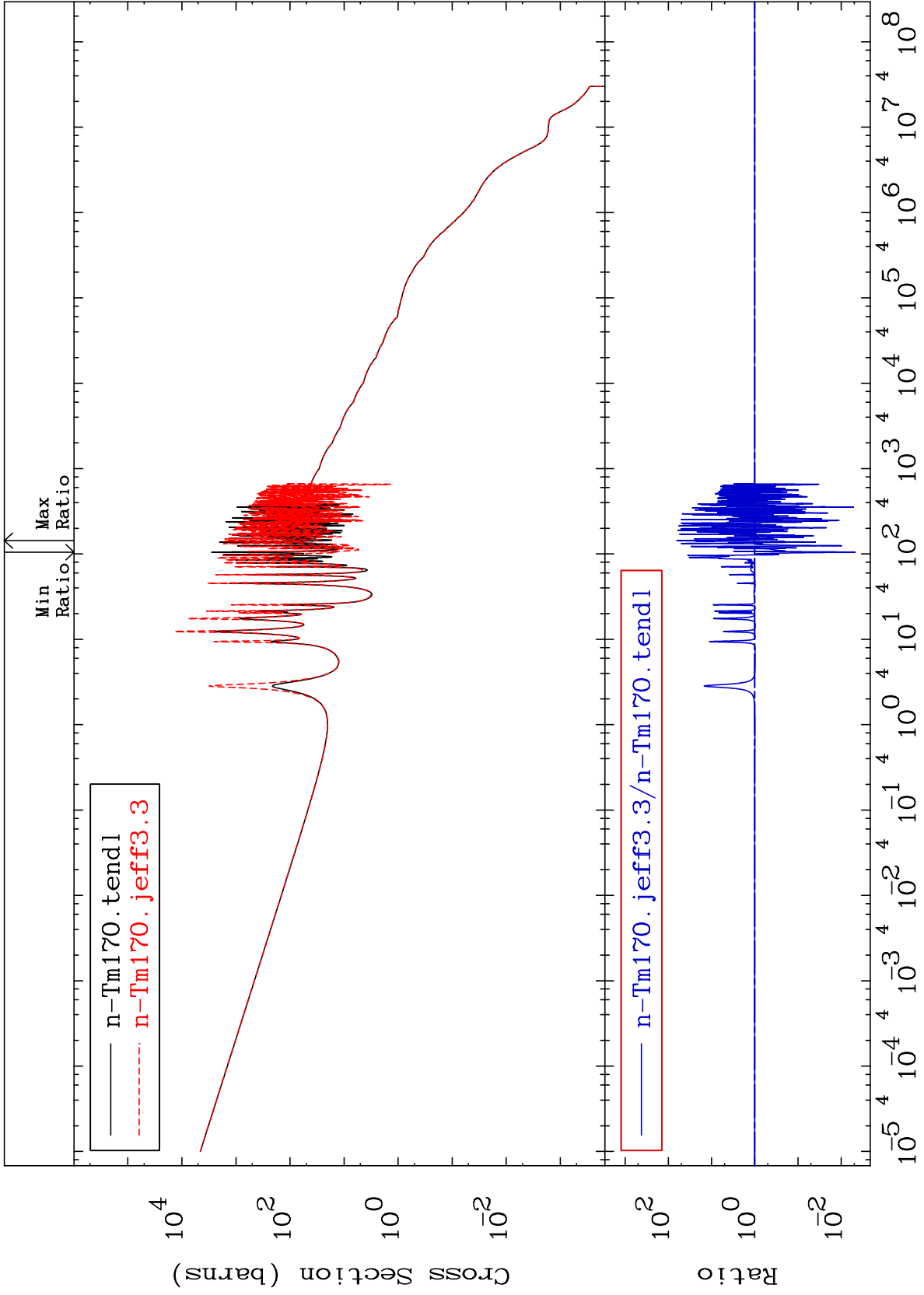
(n, n') Continuum
Cross Section

69-Tm-170
-0.006 To 0.046 %



MAT 6928

(n, γ)
Cross Section
69-Tm-170
-99.52 To 6240. %



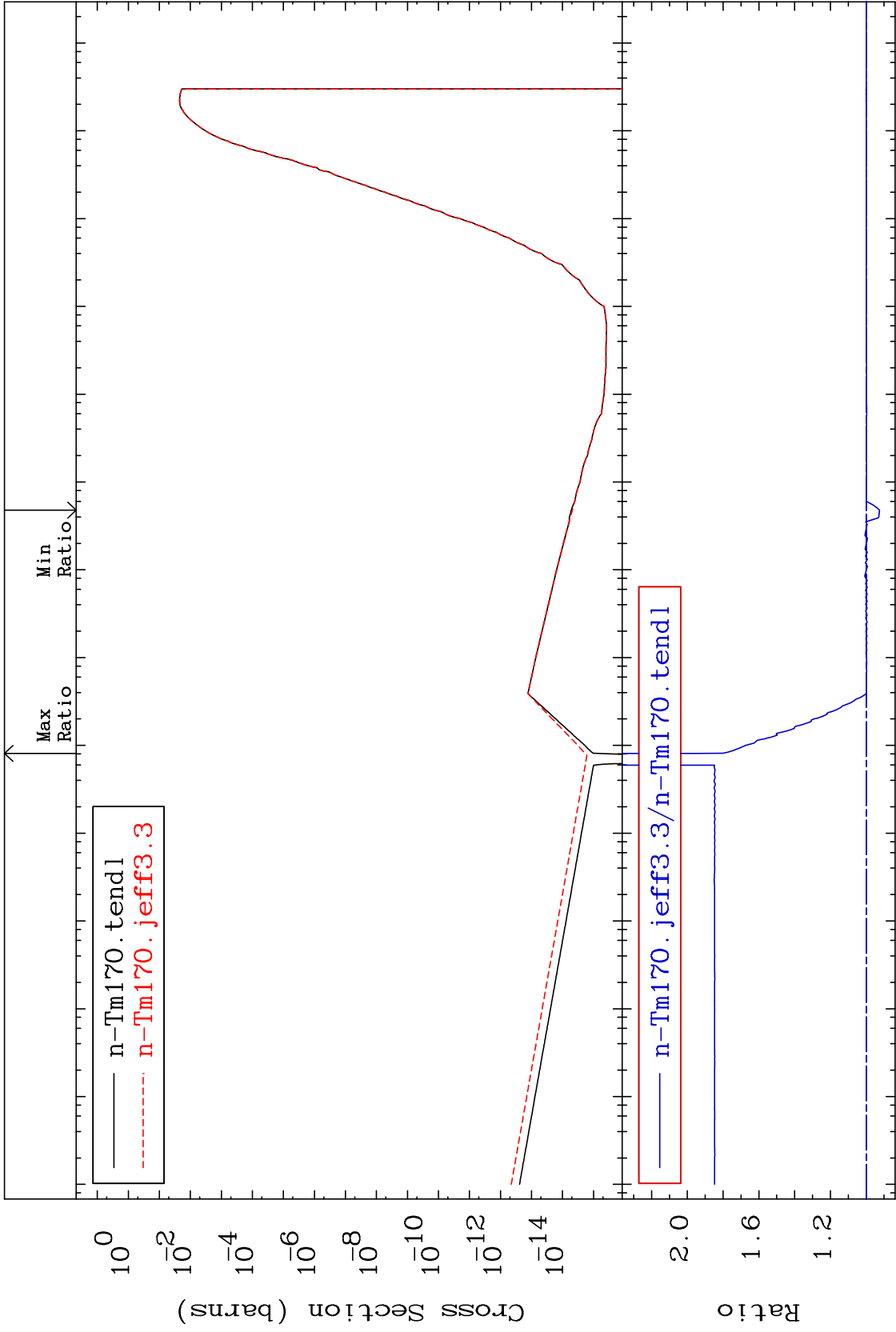
MAT 6928

(n, p)

69-Tm-170

Cross Section

-7.441 To 95.00 %



46

69-Tm-170

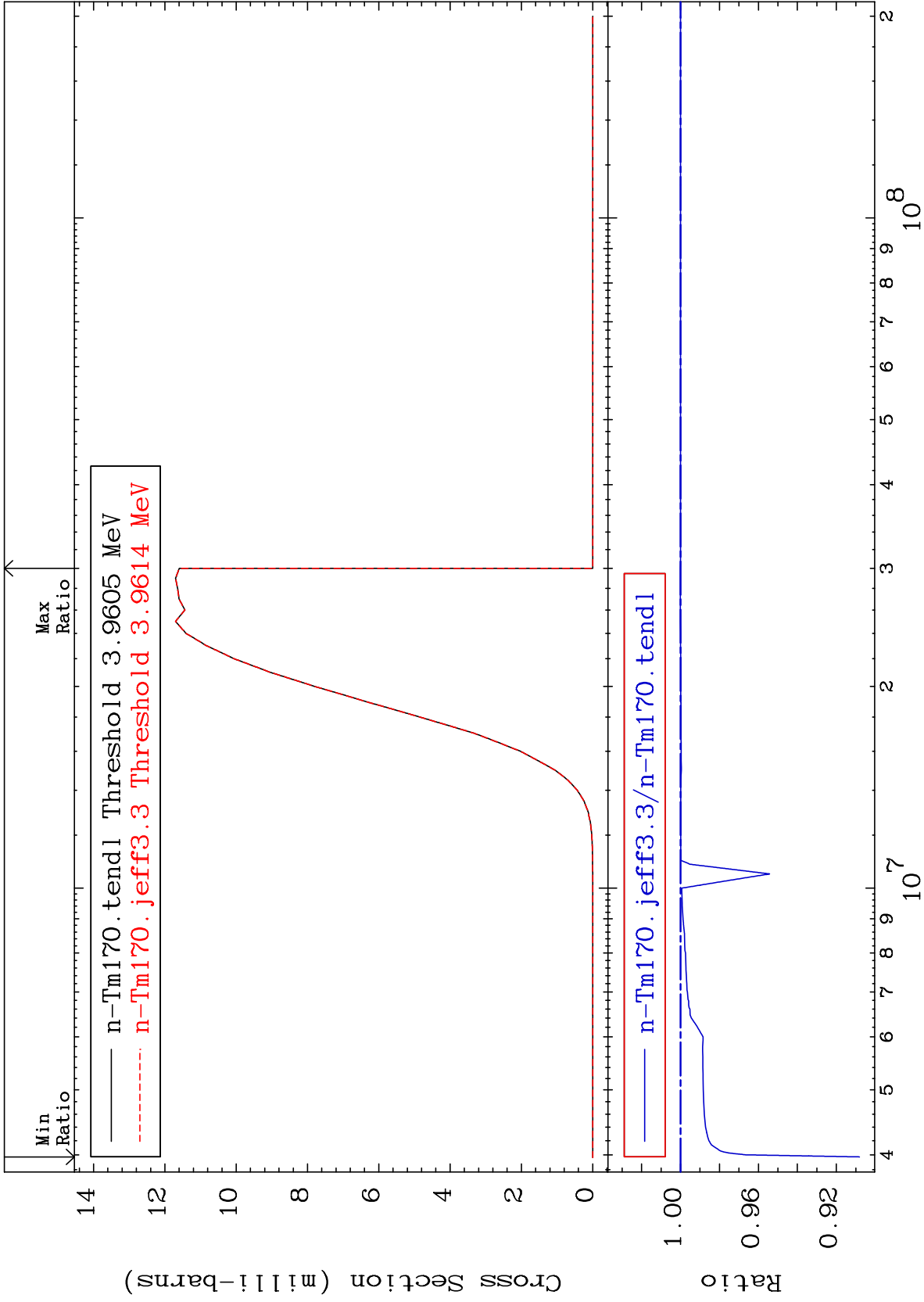
MAT 6928

(n, d)

69-Tm-170

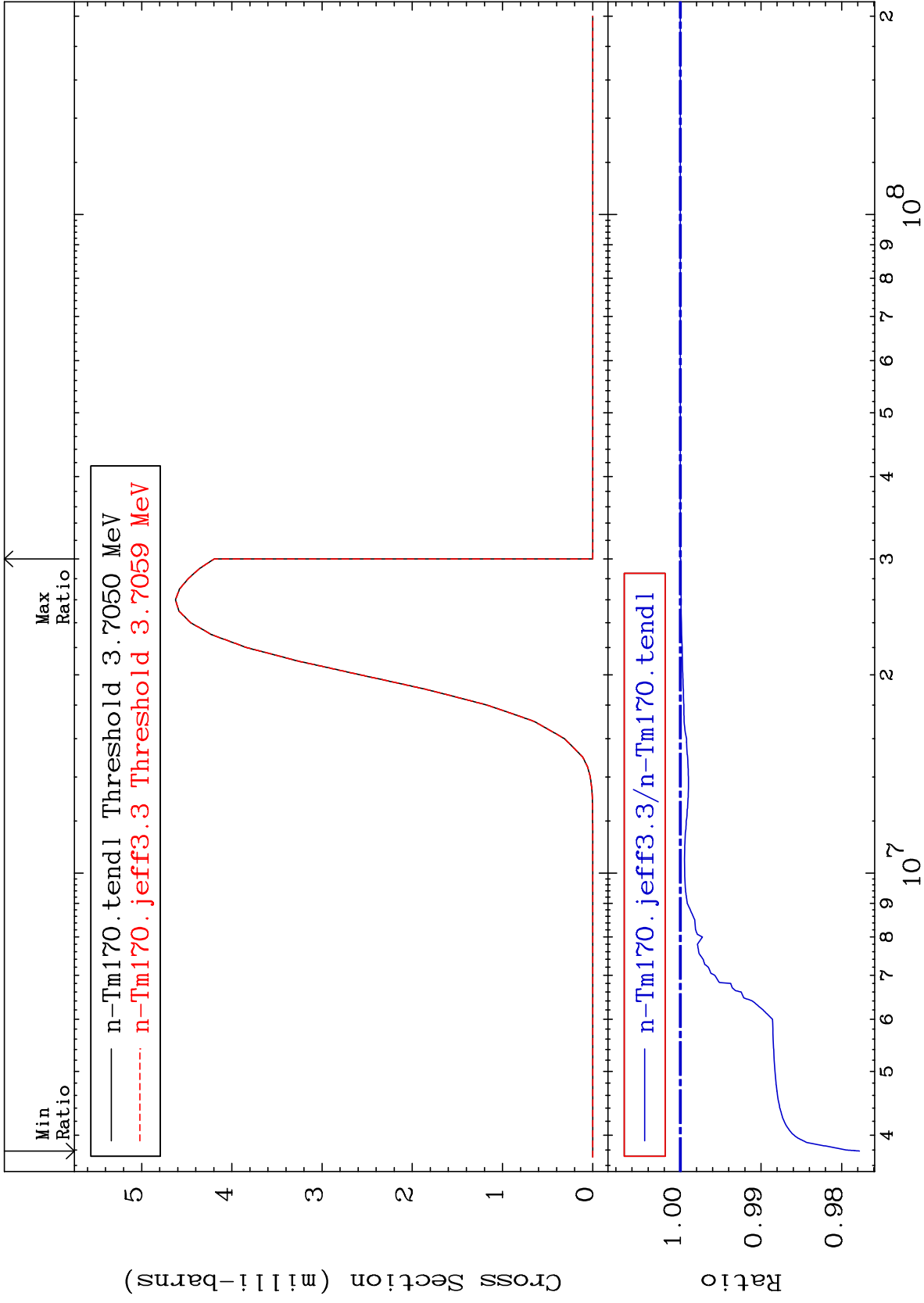
Cross Section

-9.188 To 0.009 %



MAT 6928

(n, t) Cross Section
69-Tm-170
-2.221 To 0.000 %



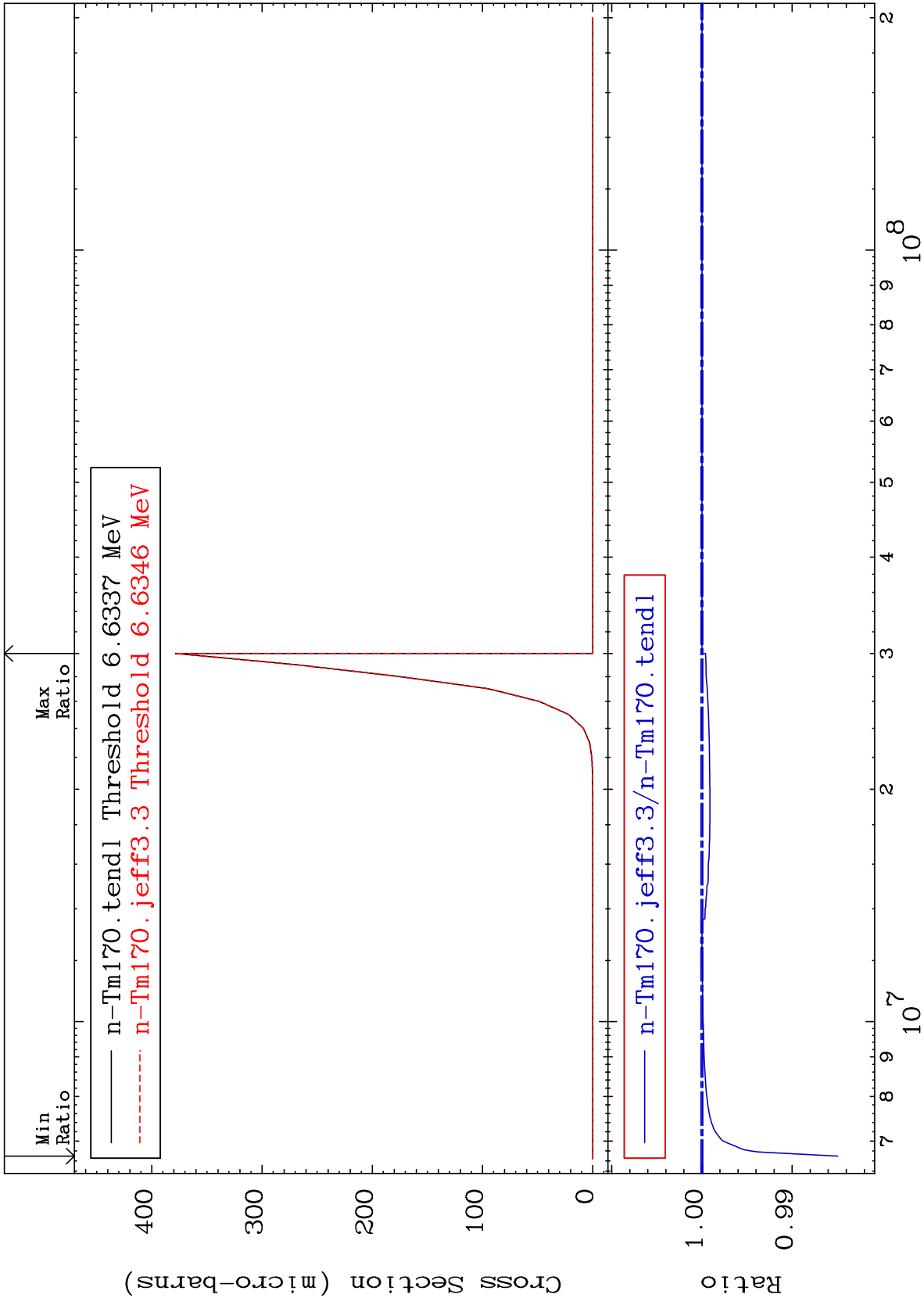
MAT 6928

(n, He-3)

69-Tm-170

Cross Section

-1.506 To 0.000 %



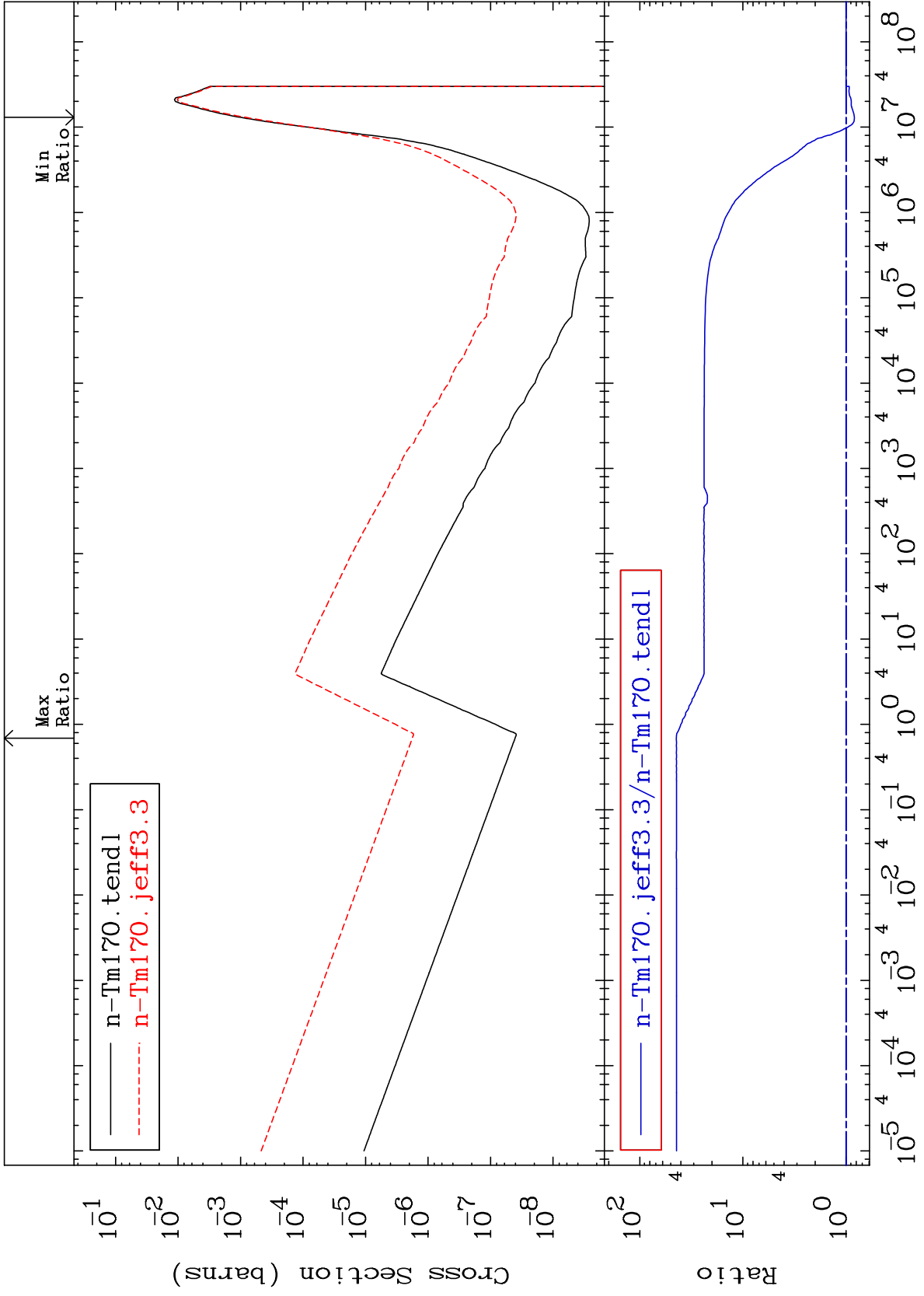
MAT 6928

(n, α)

69-Tm-170

Cross Section

-16.73 To 4317. %

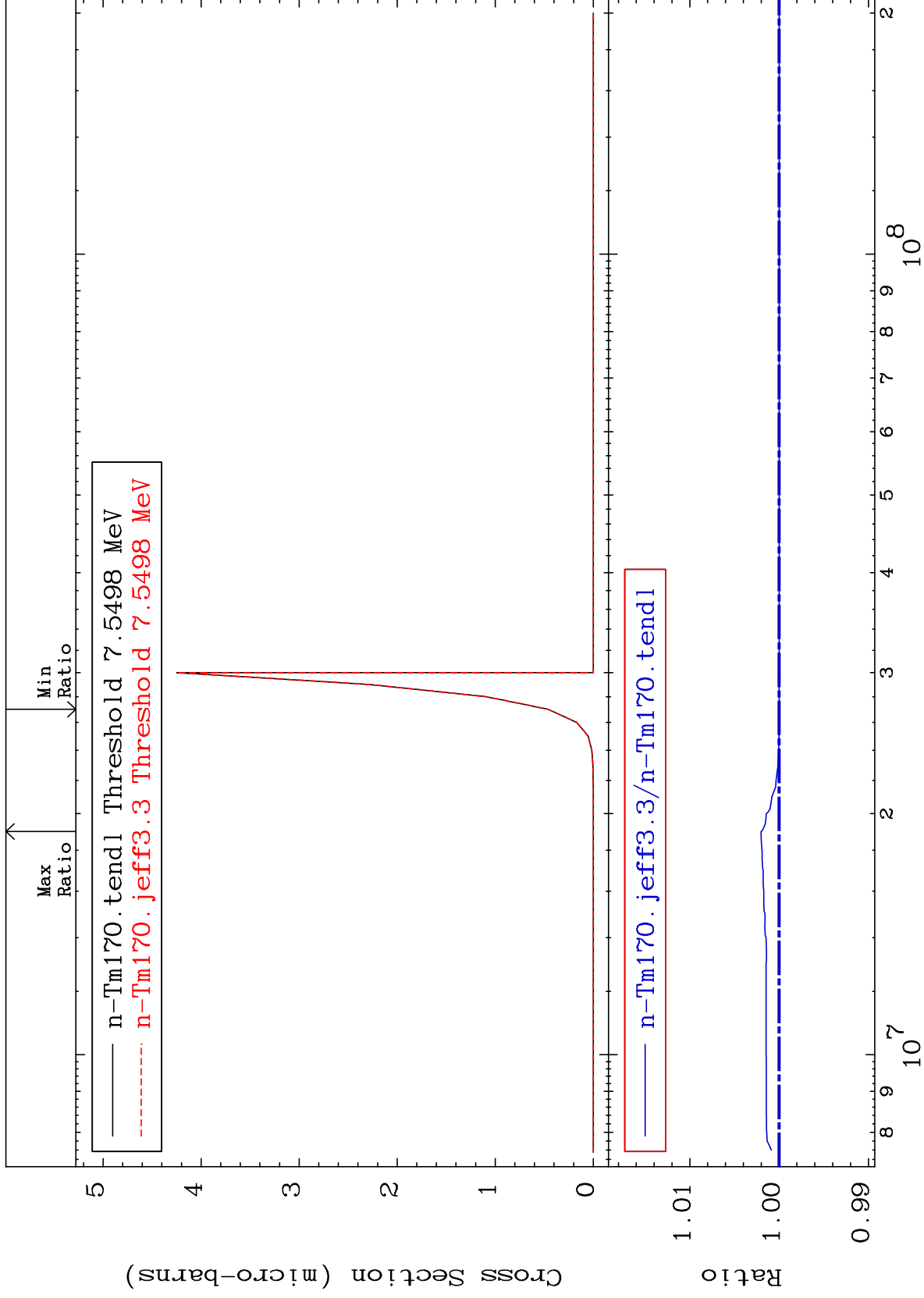


MAT 6928

(n,2p)

69-Tm-170
-0.001 To 0.202 %

Cross Section



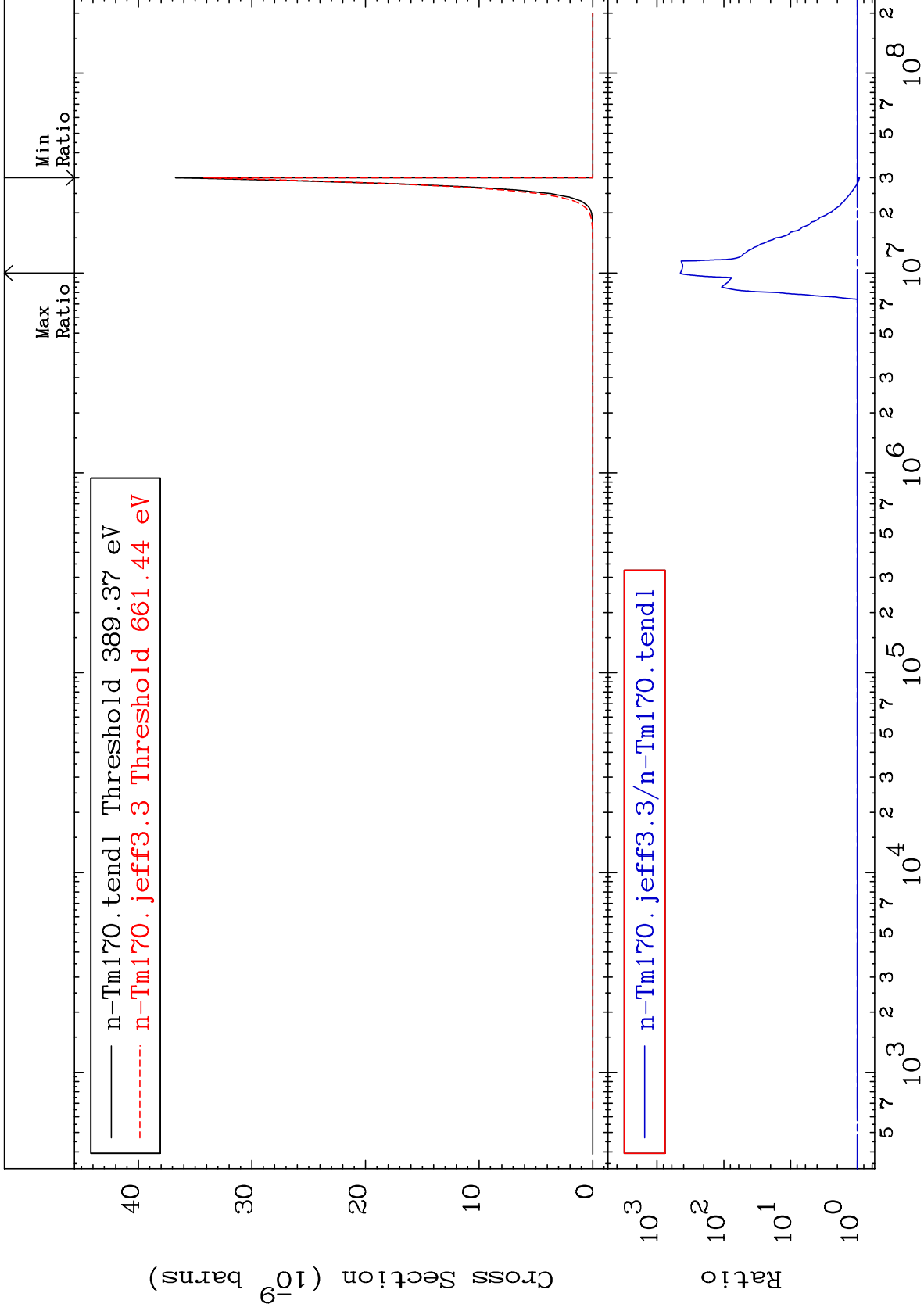
MAT 6928

(n, p) α

69-Tm-170

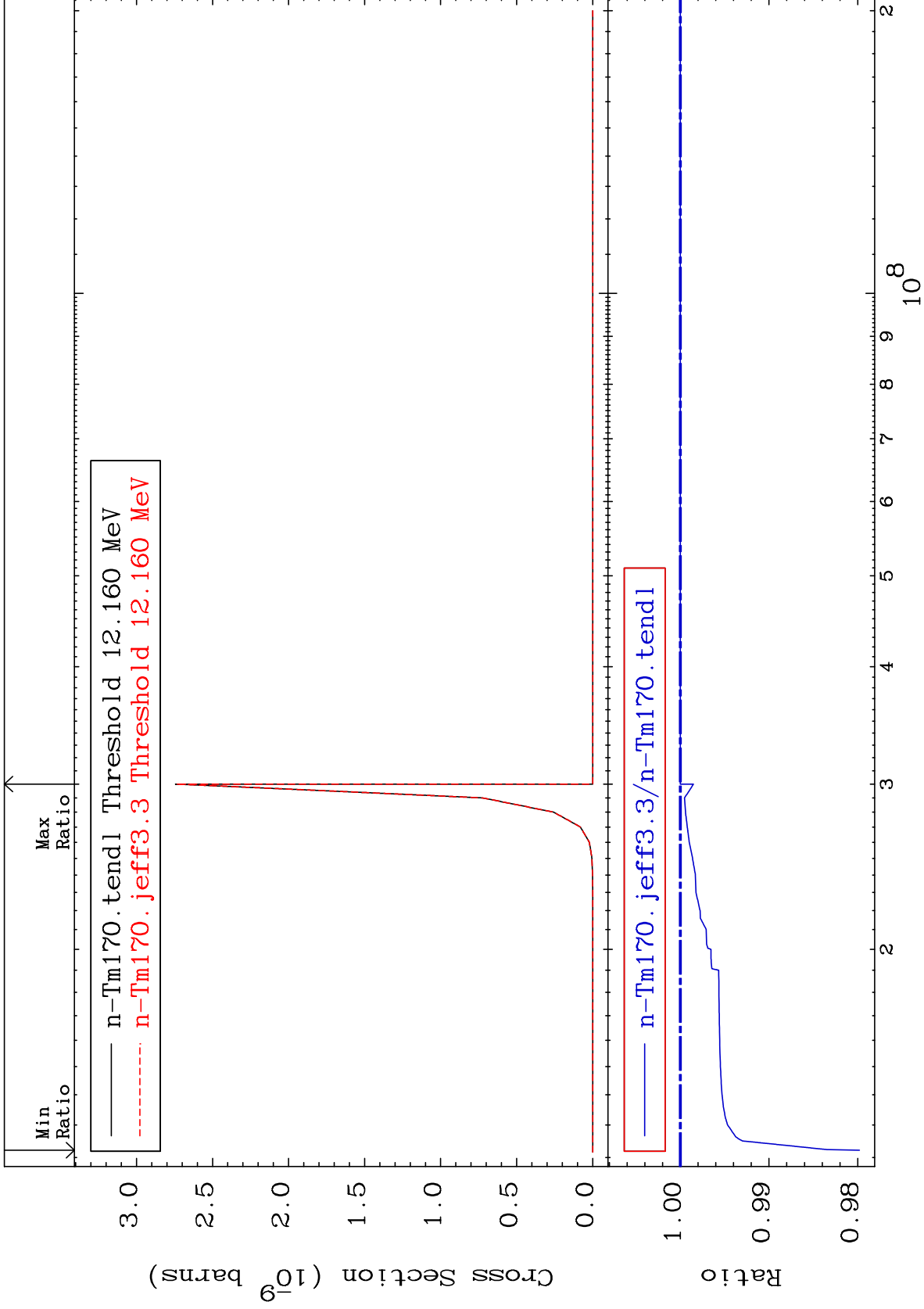
Cross Section

-6.796 To 9999. %



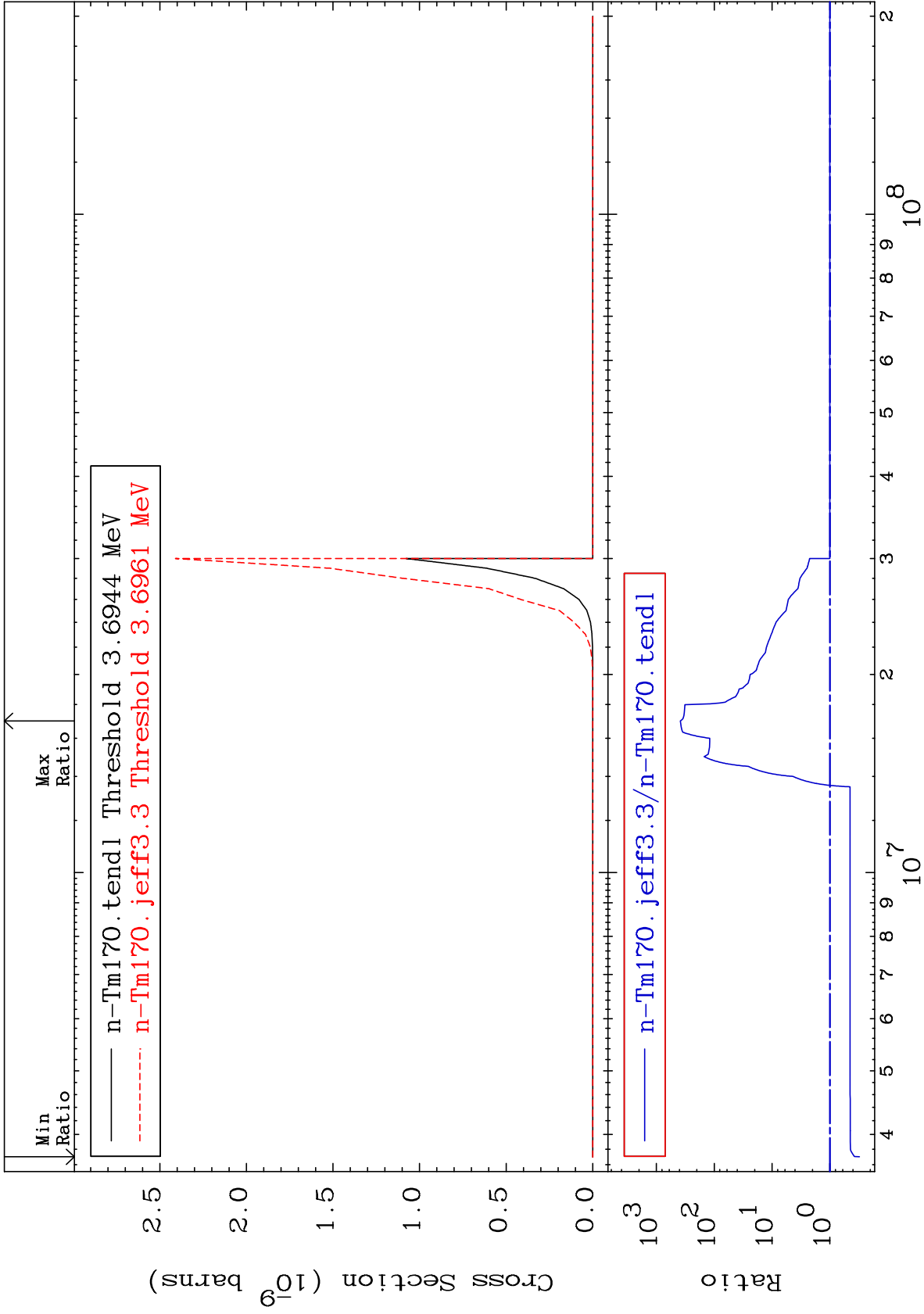
Cross Section

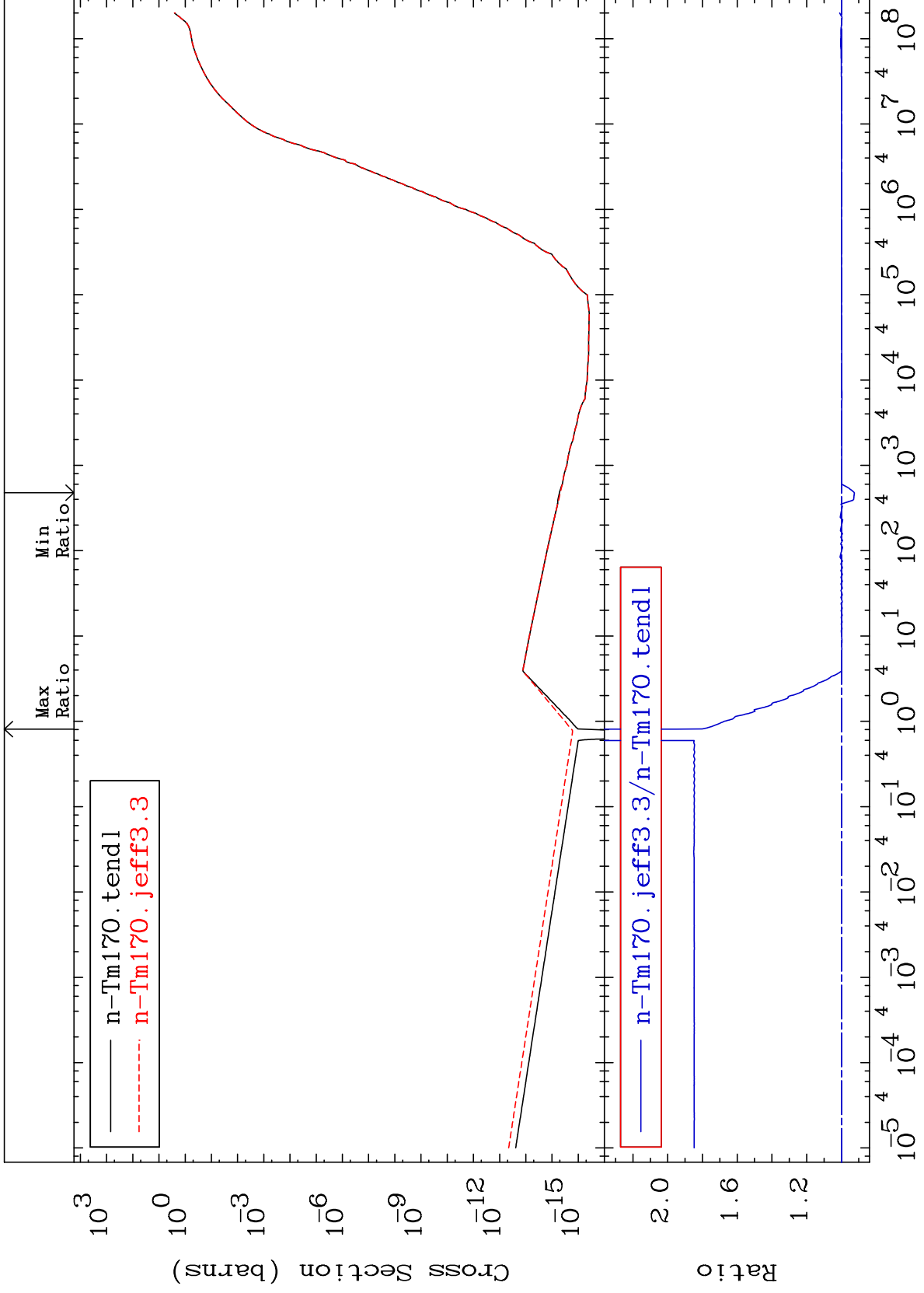
-2.020 To 0.000 %



Cross Section

-69.10 To 9999. %

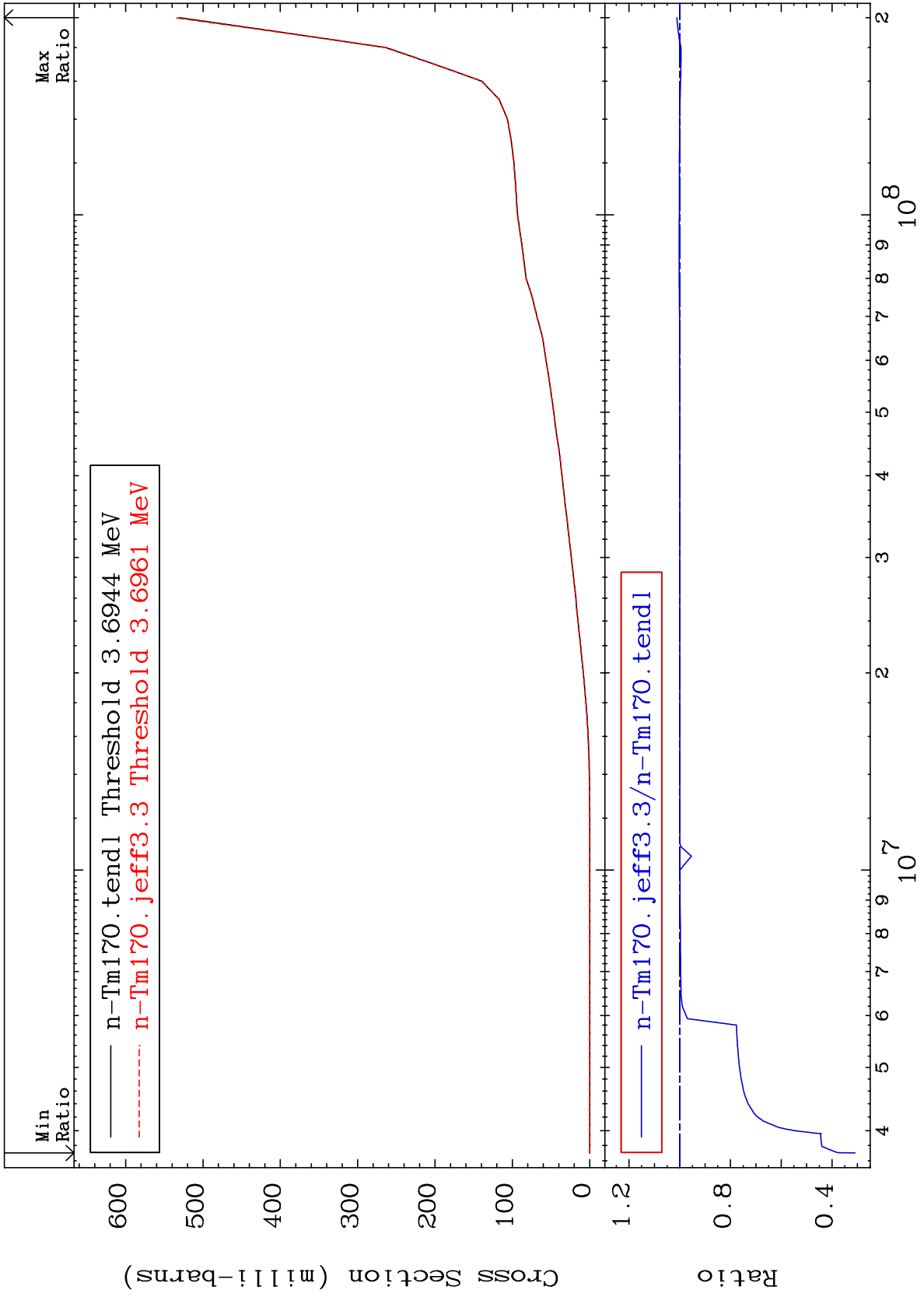




MAT 6928

Deuterium Production
Cross Section

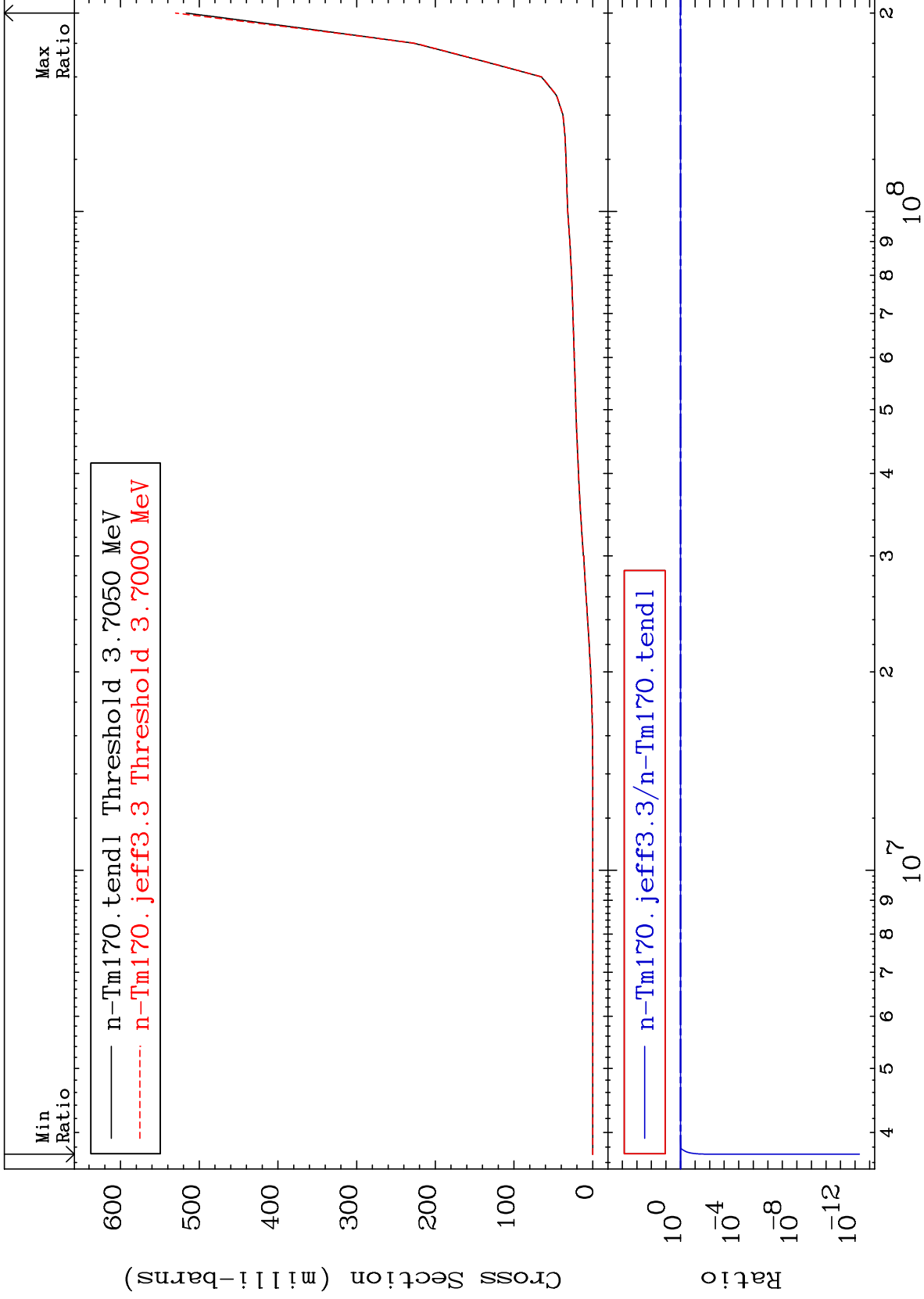
69-Tm-170
-69.10 To 1.116 %



MAT 6928

Tritium Production
Cross Section

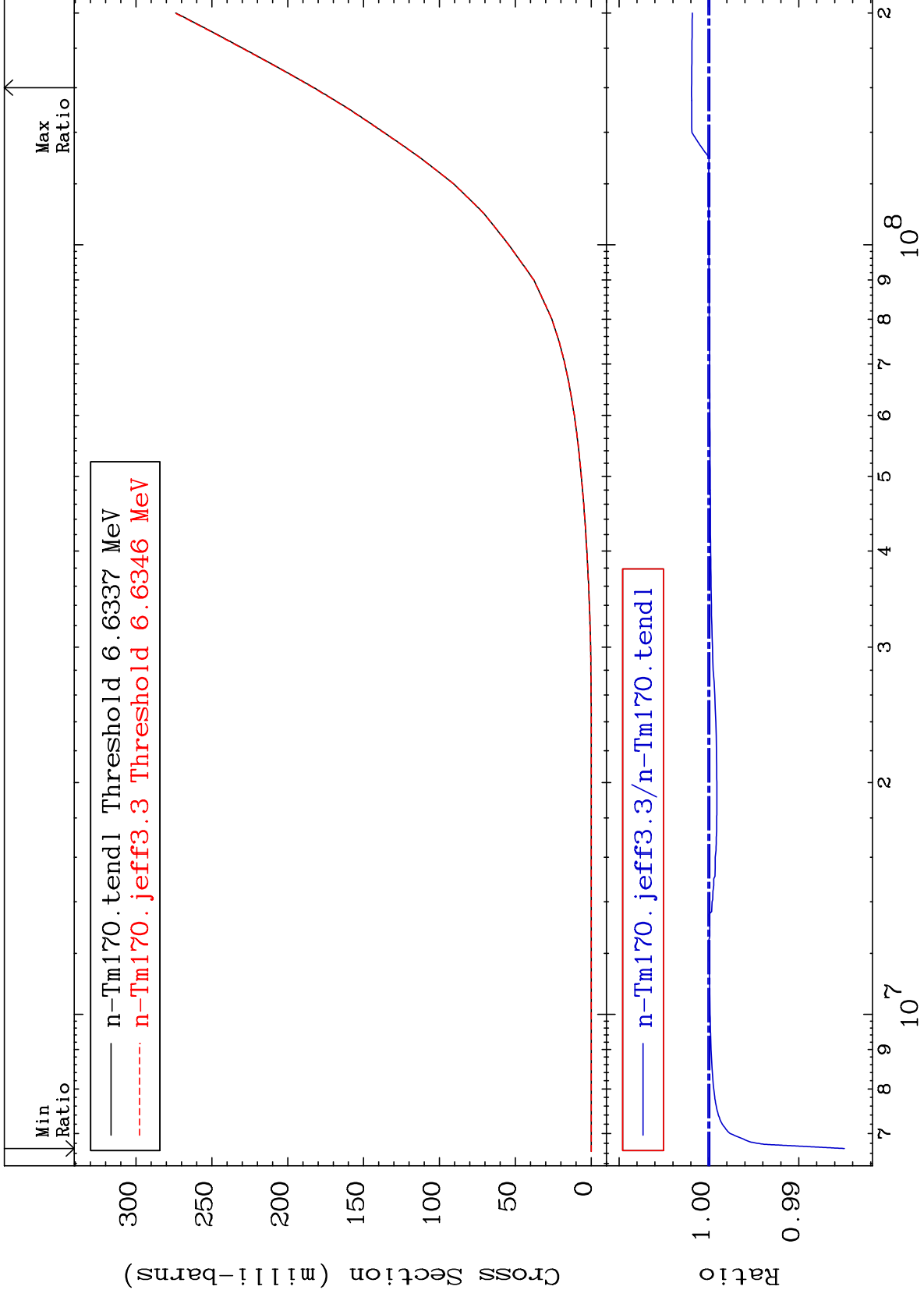
69-Tm-170
-100.0 To 2.645 %



MAT 6928

He-3 Production
Cross Section

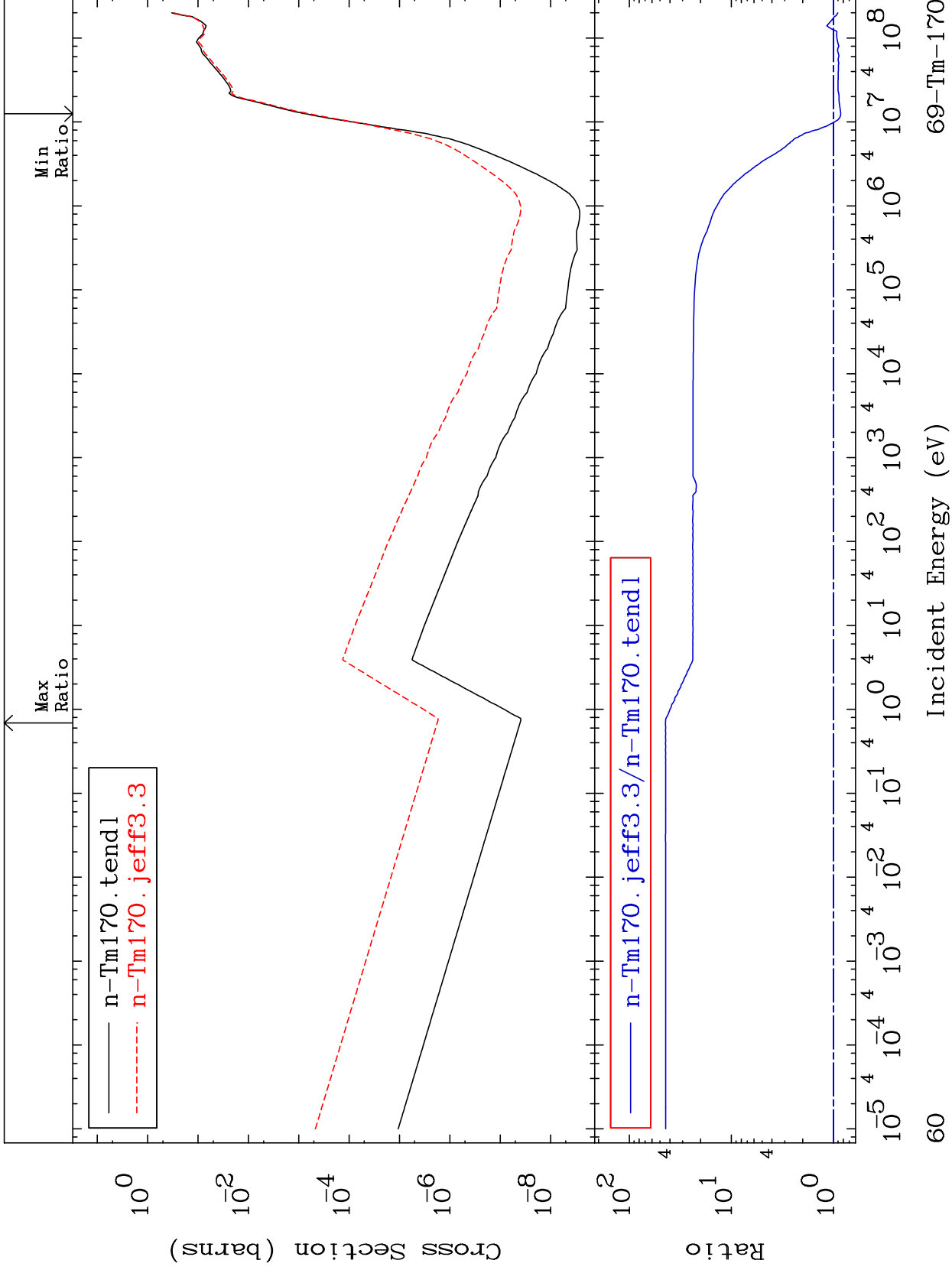
69-Tm-170
-1.506 To 0.193 %

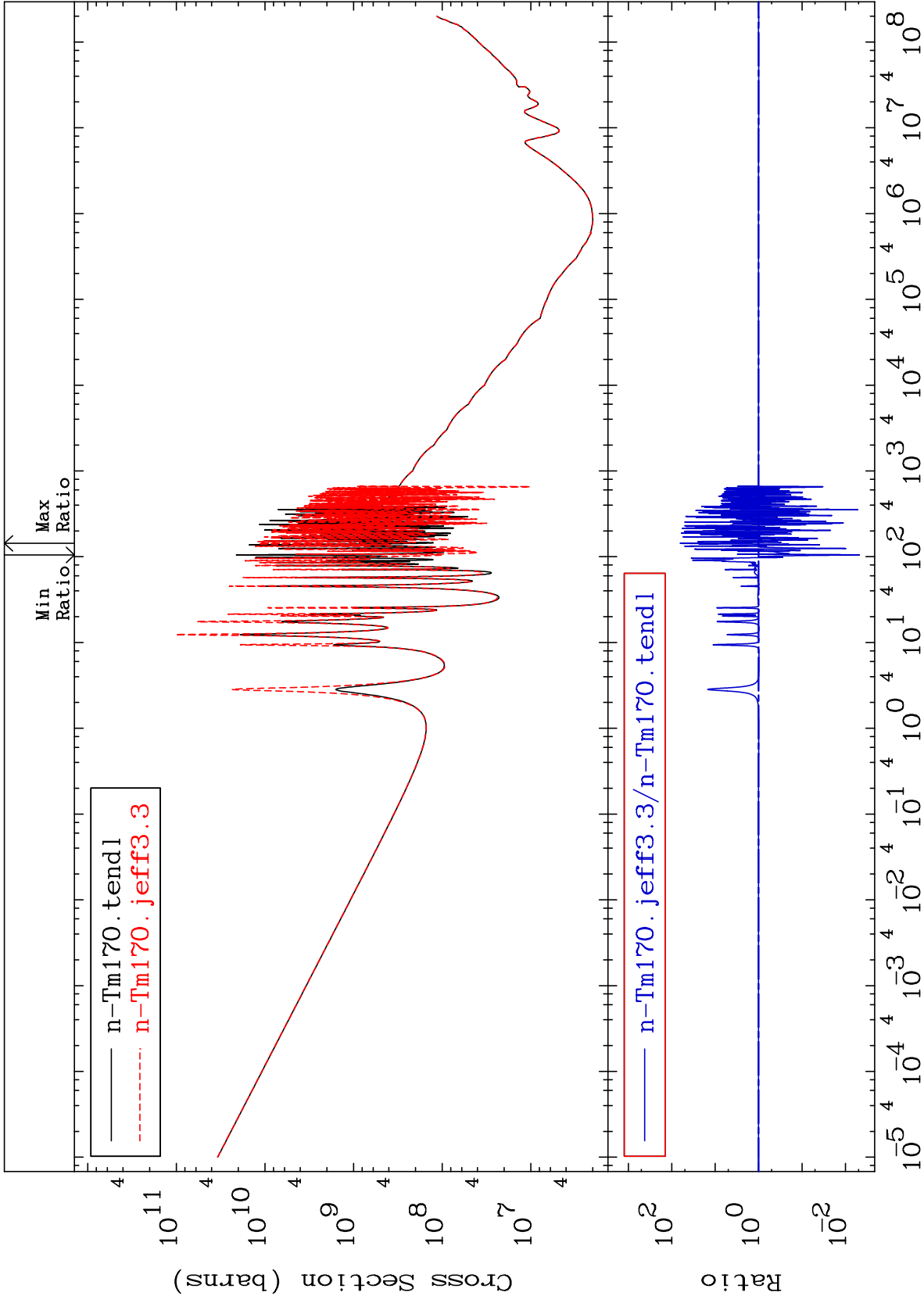


MAT 6928

He-4 Production
Cross Section

69-Tm-170
-15.04 To 4317. %

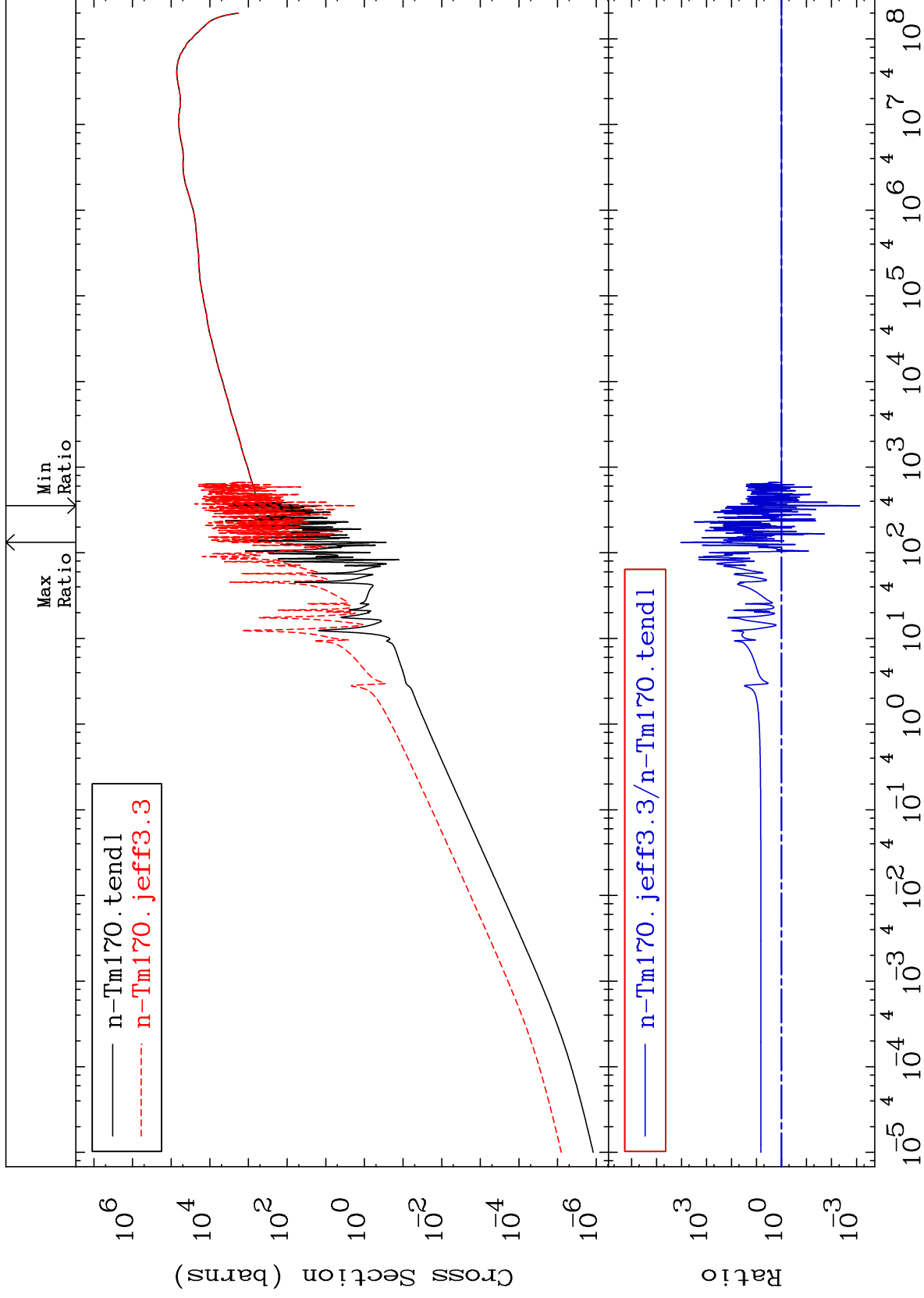




MAT 6928

Kerma elastic
Cross Section

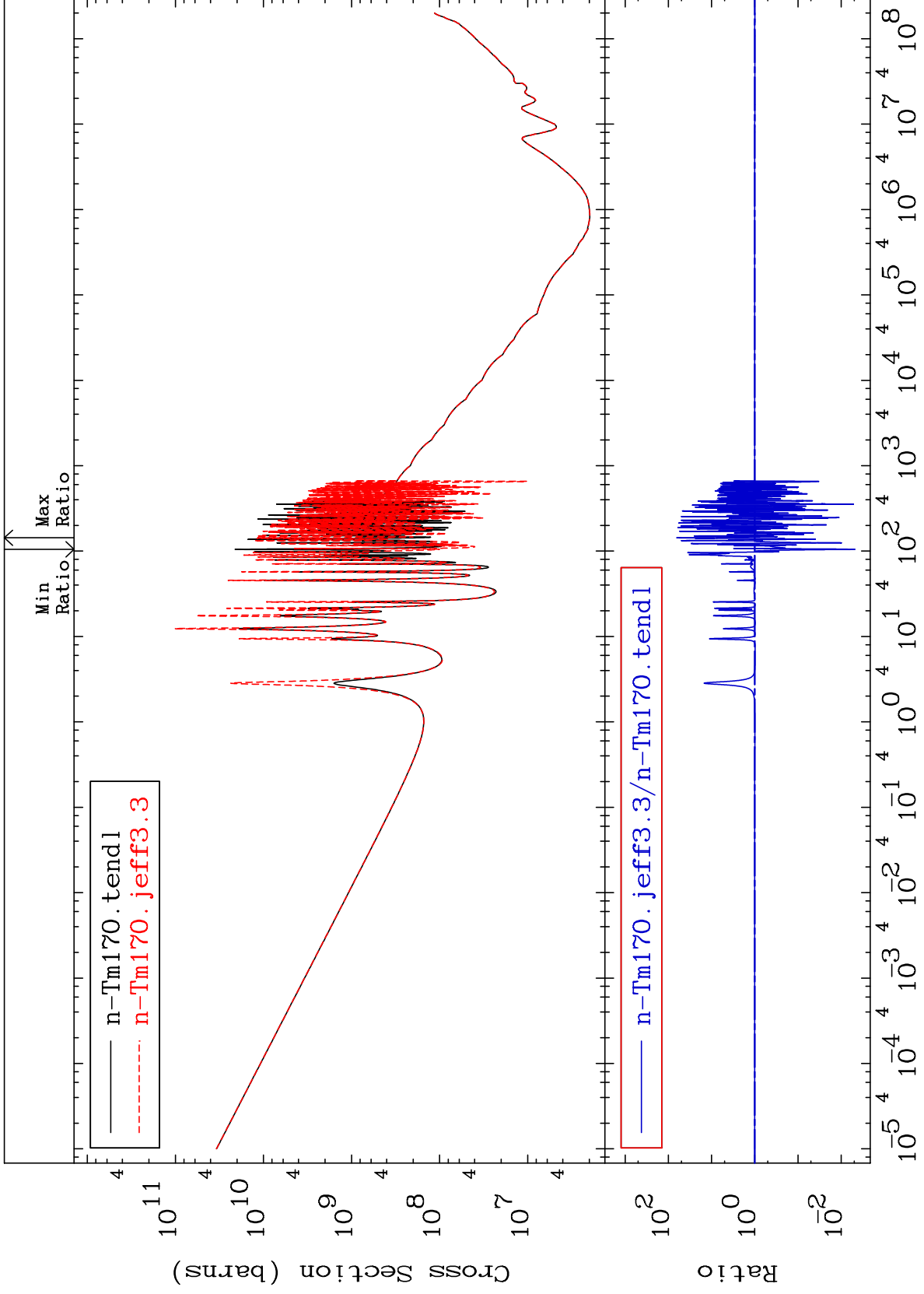
69-Tm-170
-99.92 To 9999. %

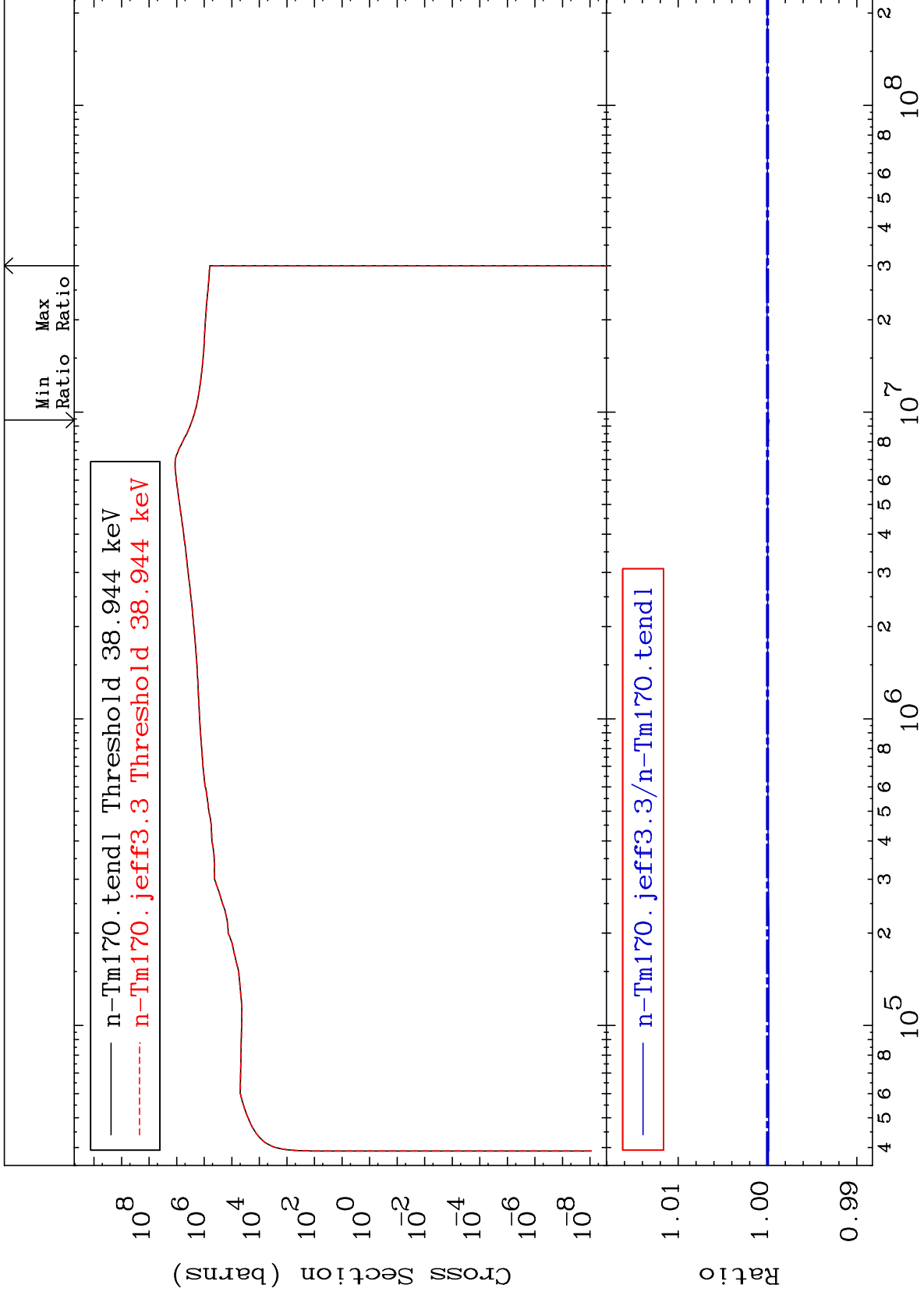


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Incident Energy (eV)

69-Tm-170

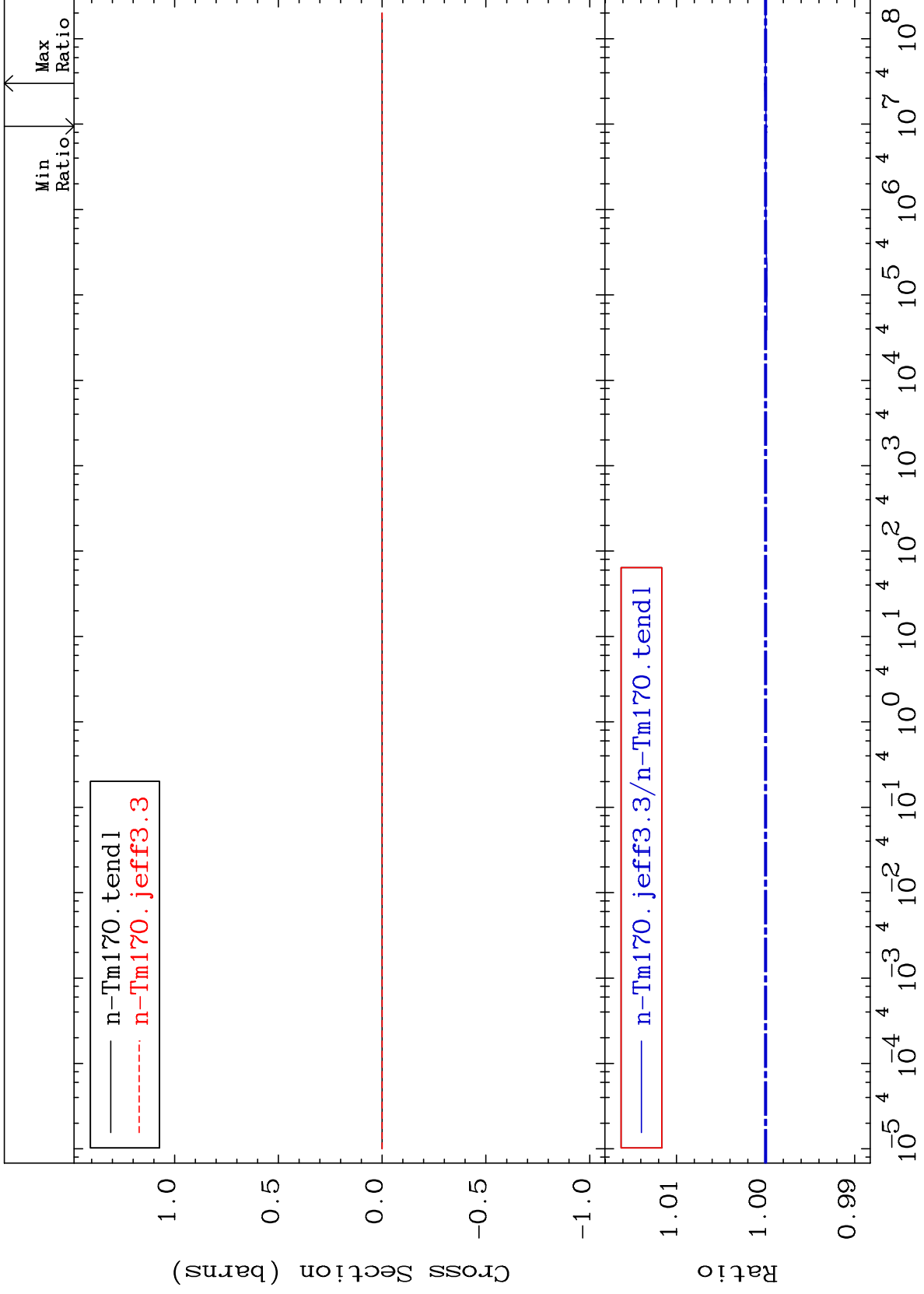




MAT 6928

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

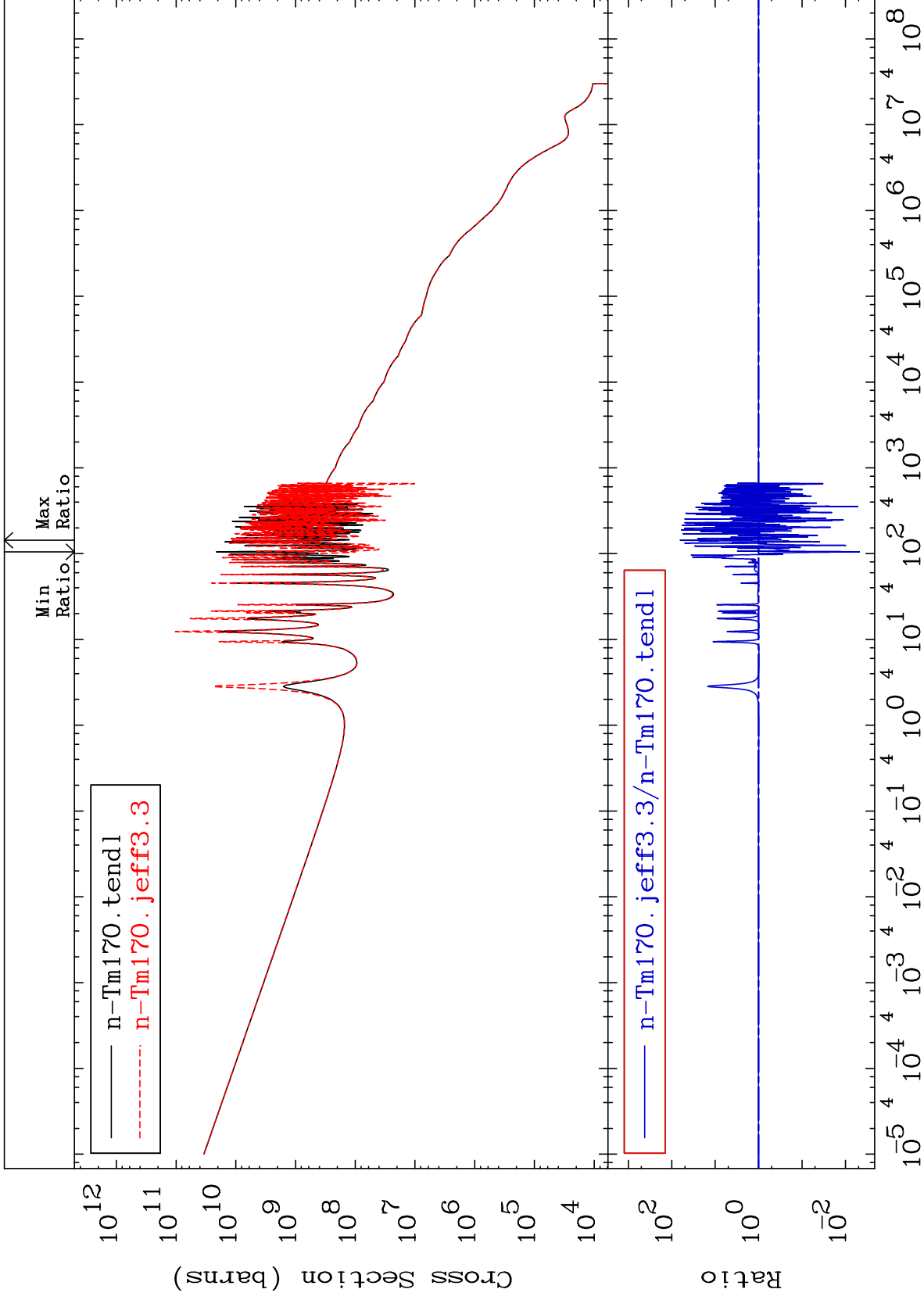
69-Tm-170
-0.021 To 0.011 %

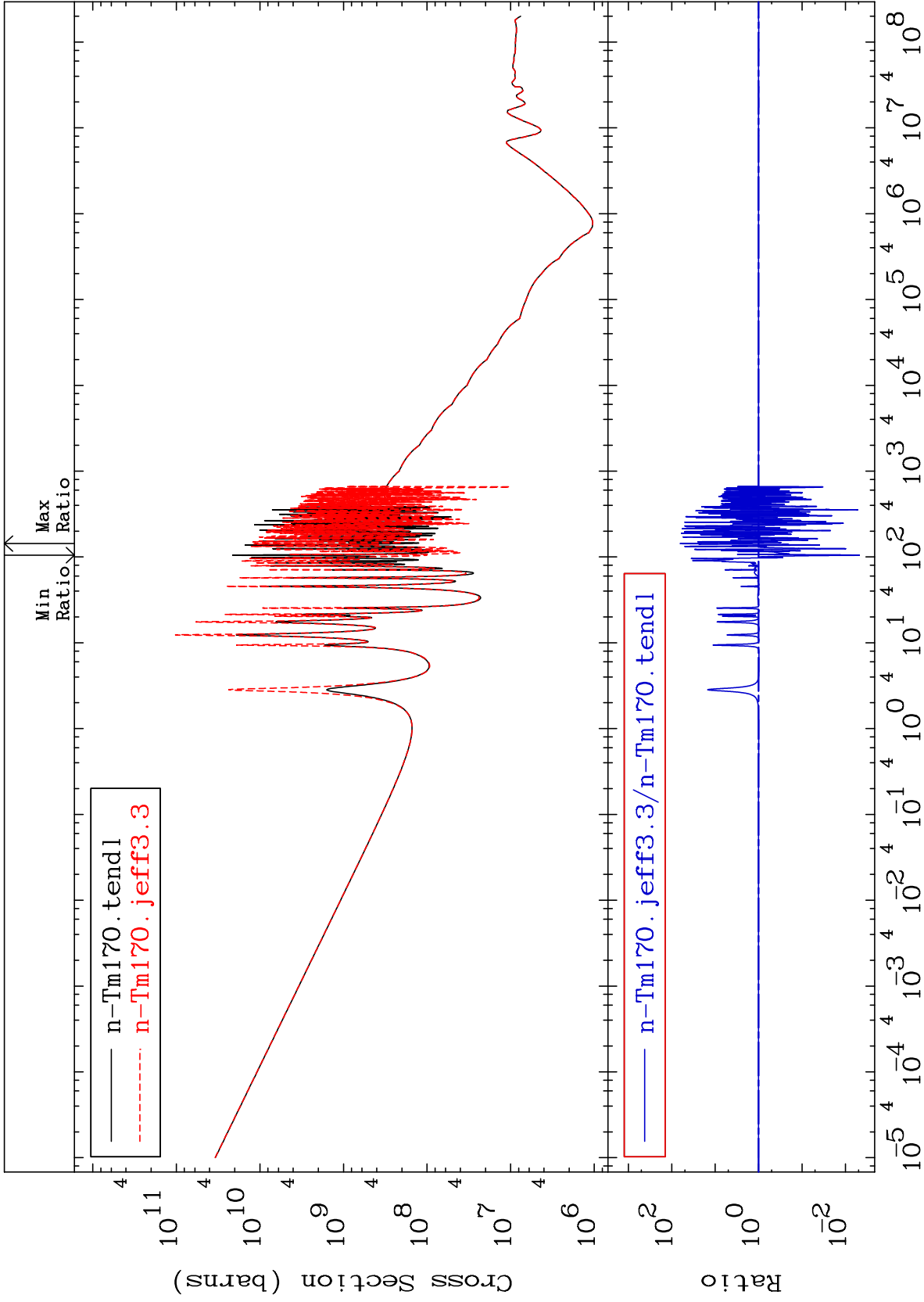


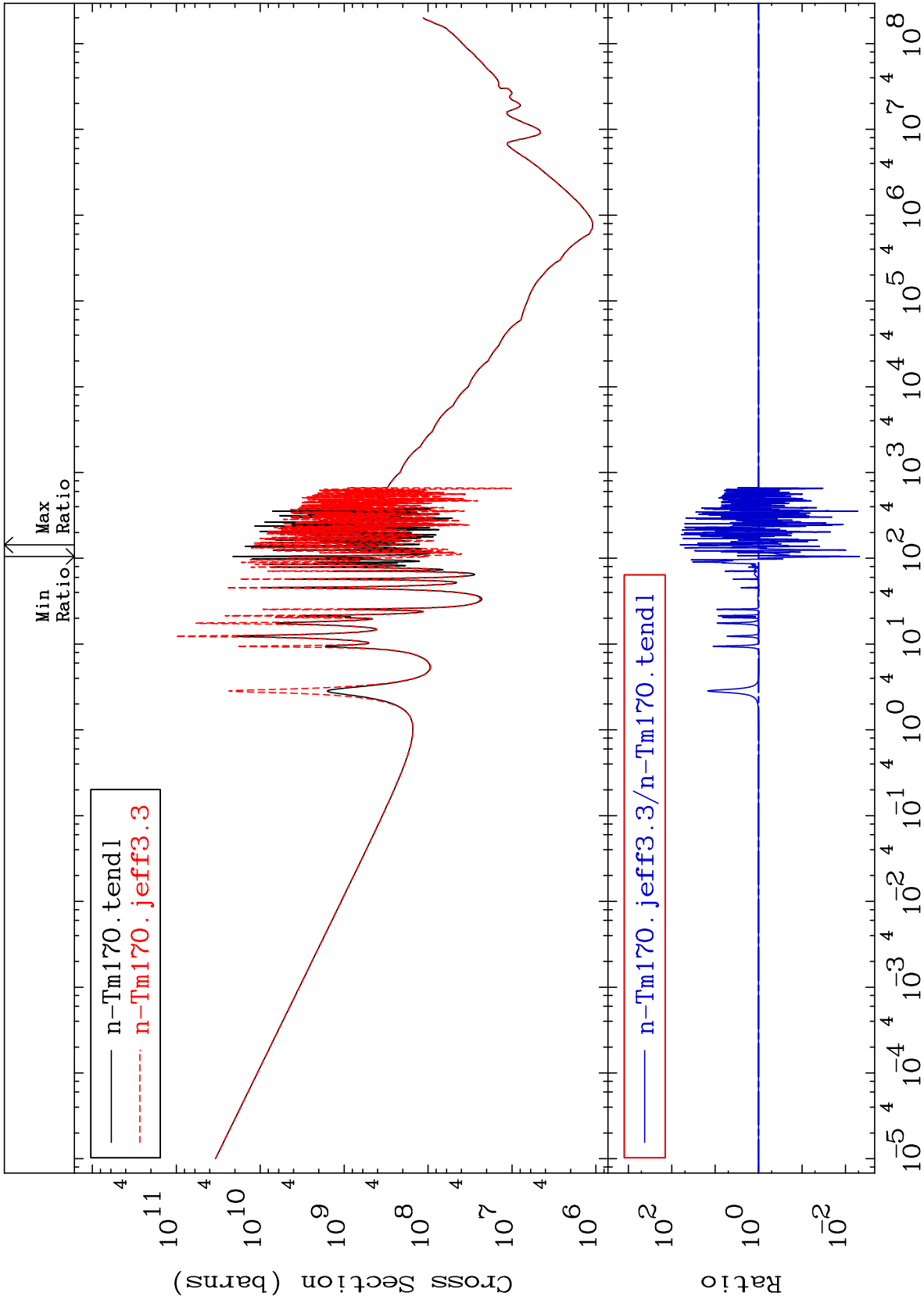
65

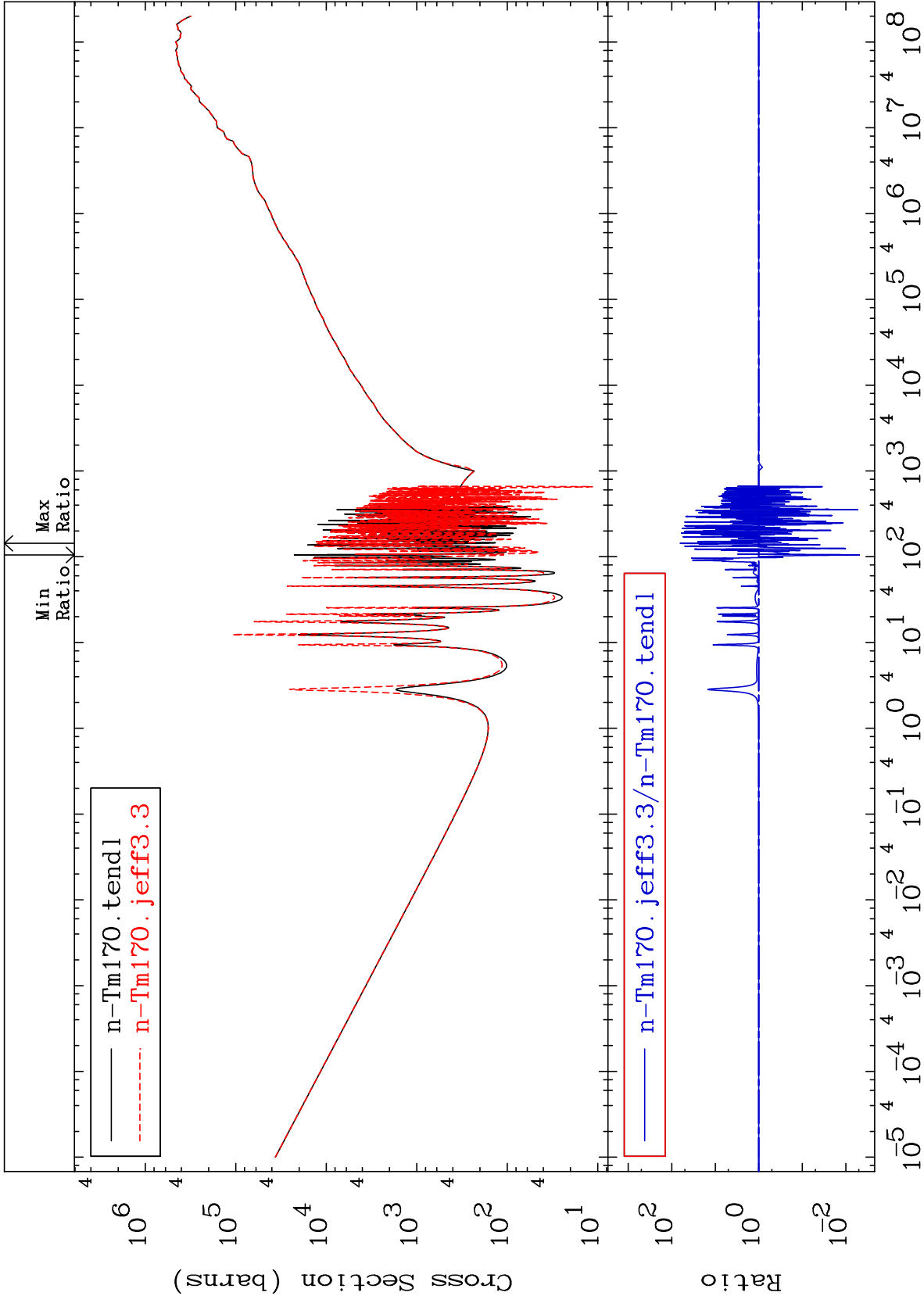
Incident Energy (eV)

69-Tm-170





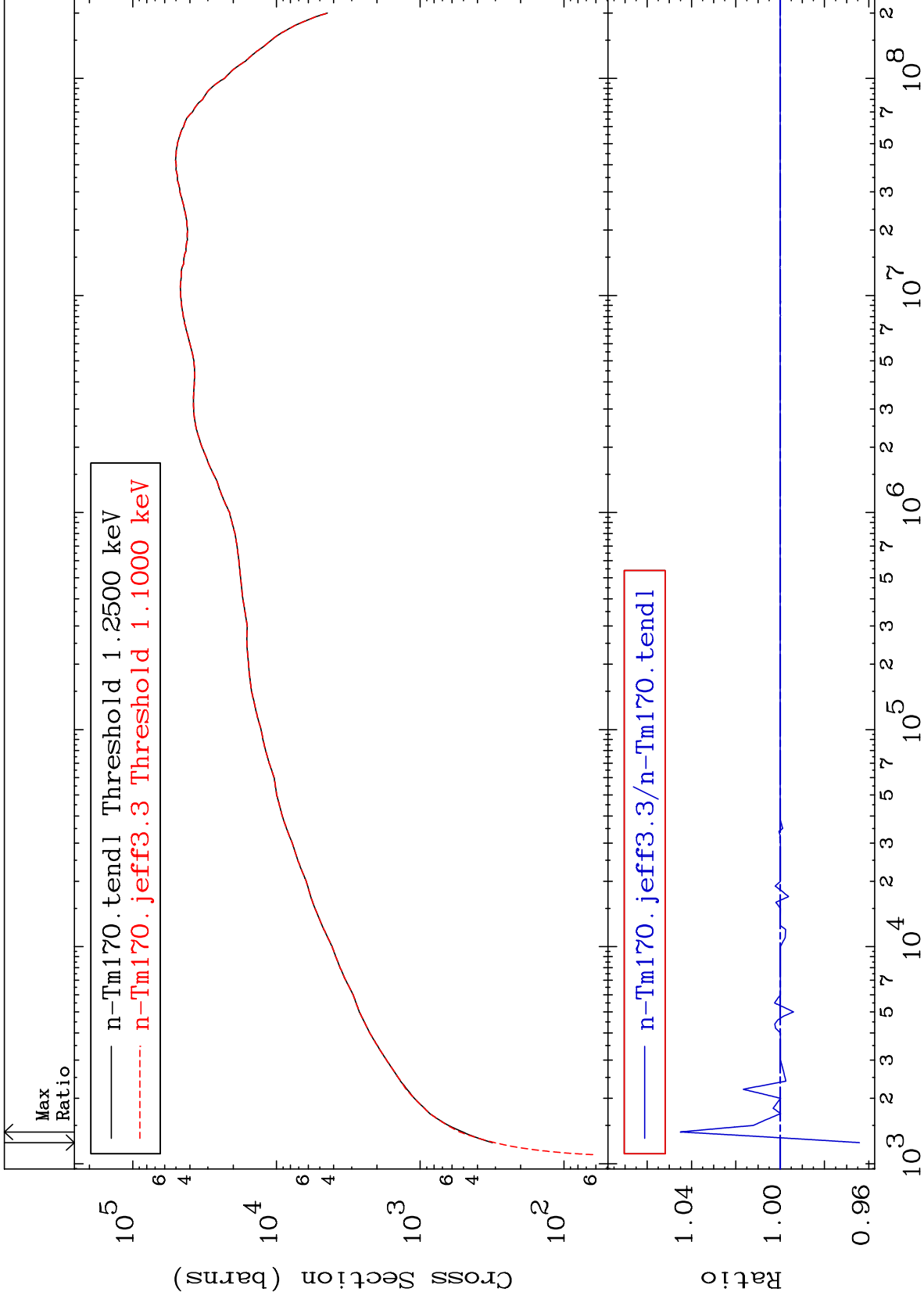




MAT 6928

Dpa elastic (mt2)
Cross Section

69-Tm-170
-3.577 To 4.504 %



70

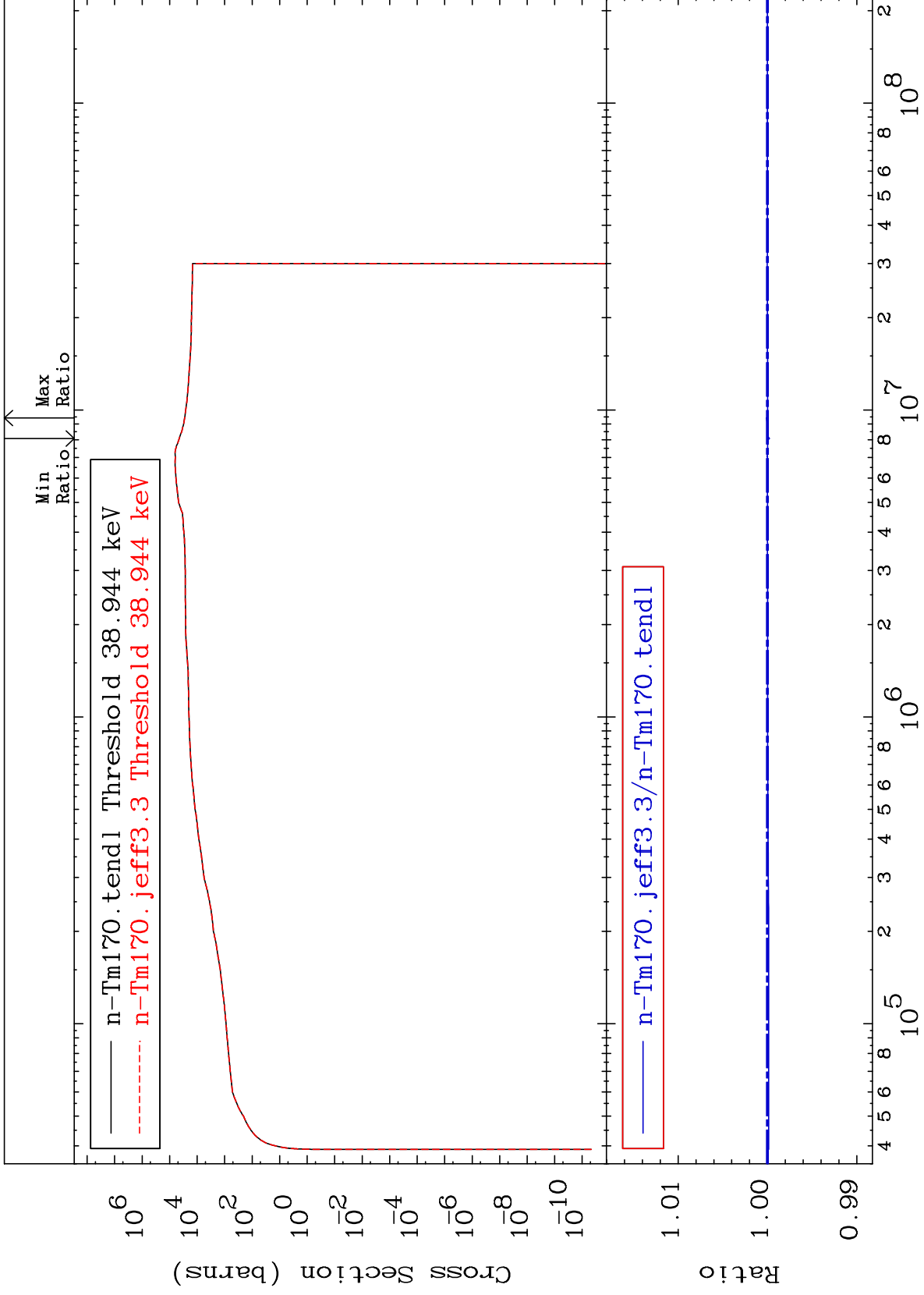
Incident Energy (eV)

69-Tm-170

MAT 6928

Dpa inelastic (mt51-91)
Cross Section

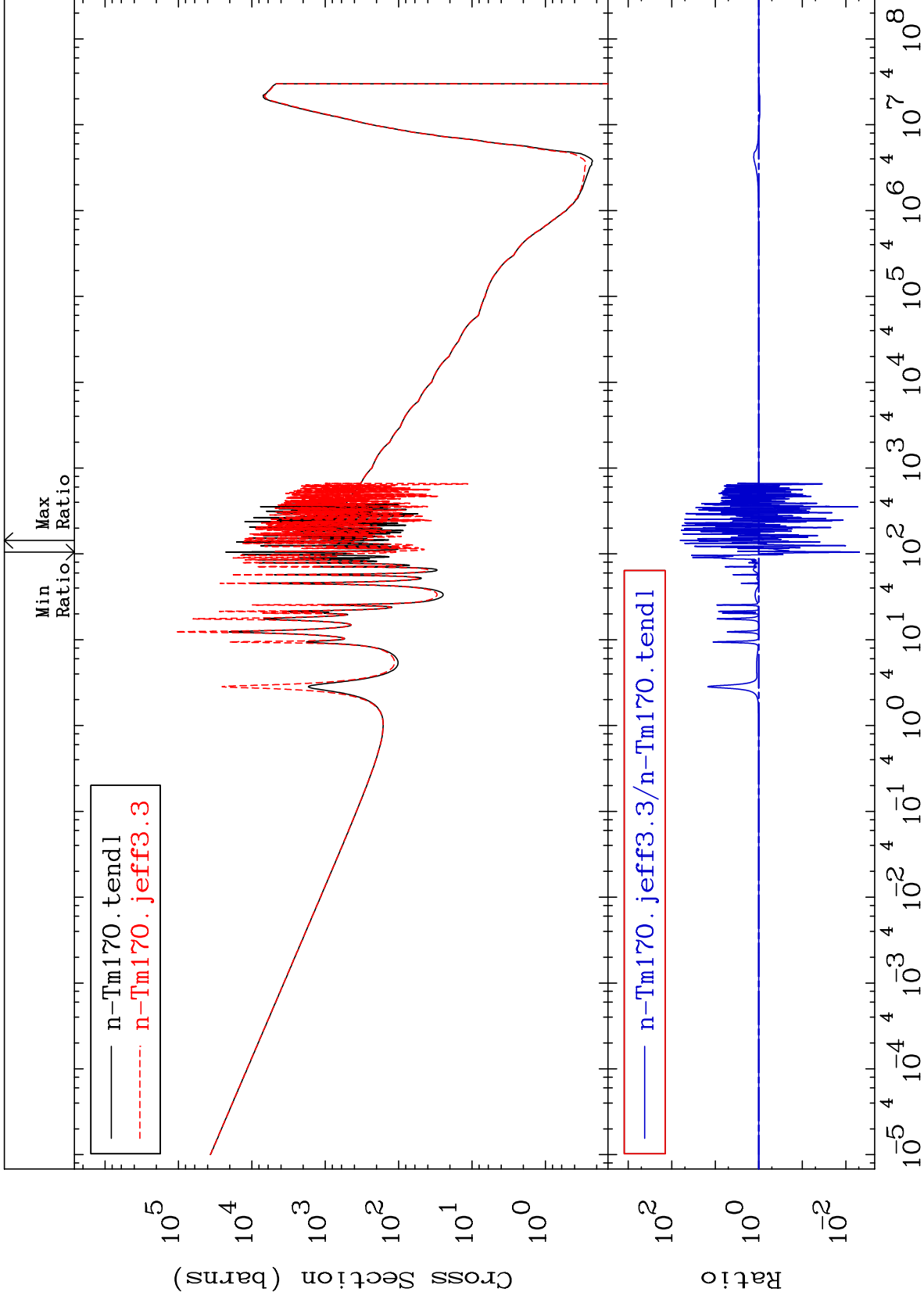
69-Tm-170
-0.024 To 0.012 %

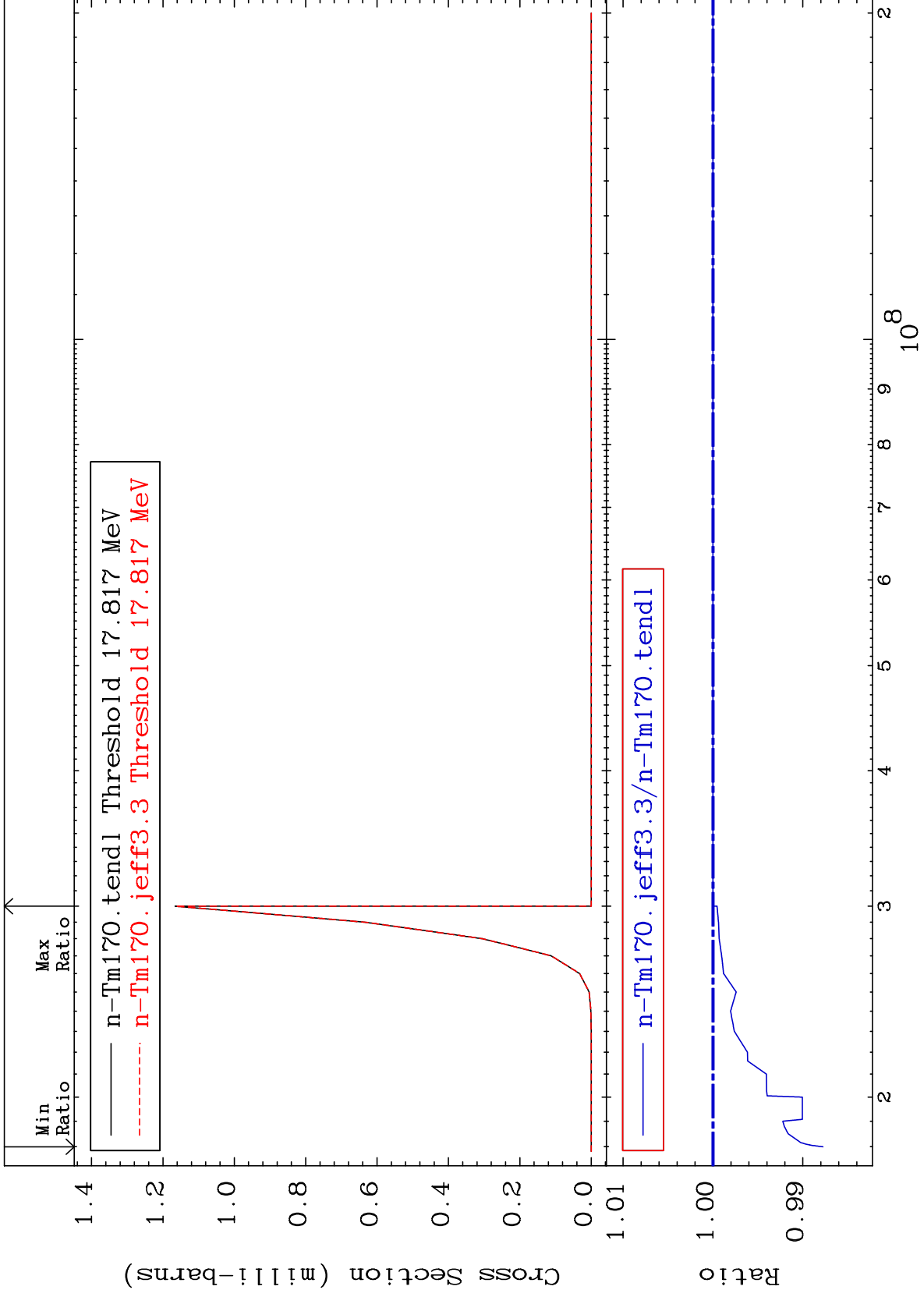


71

Incident Energy (eV)

69-Tm-170



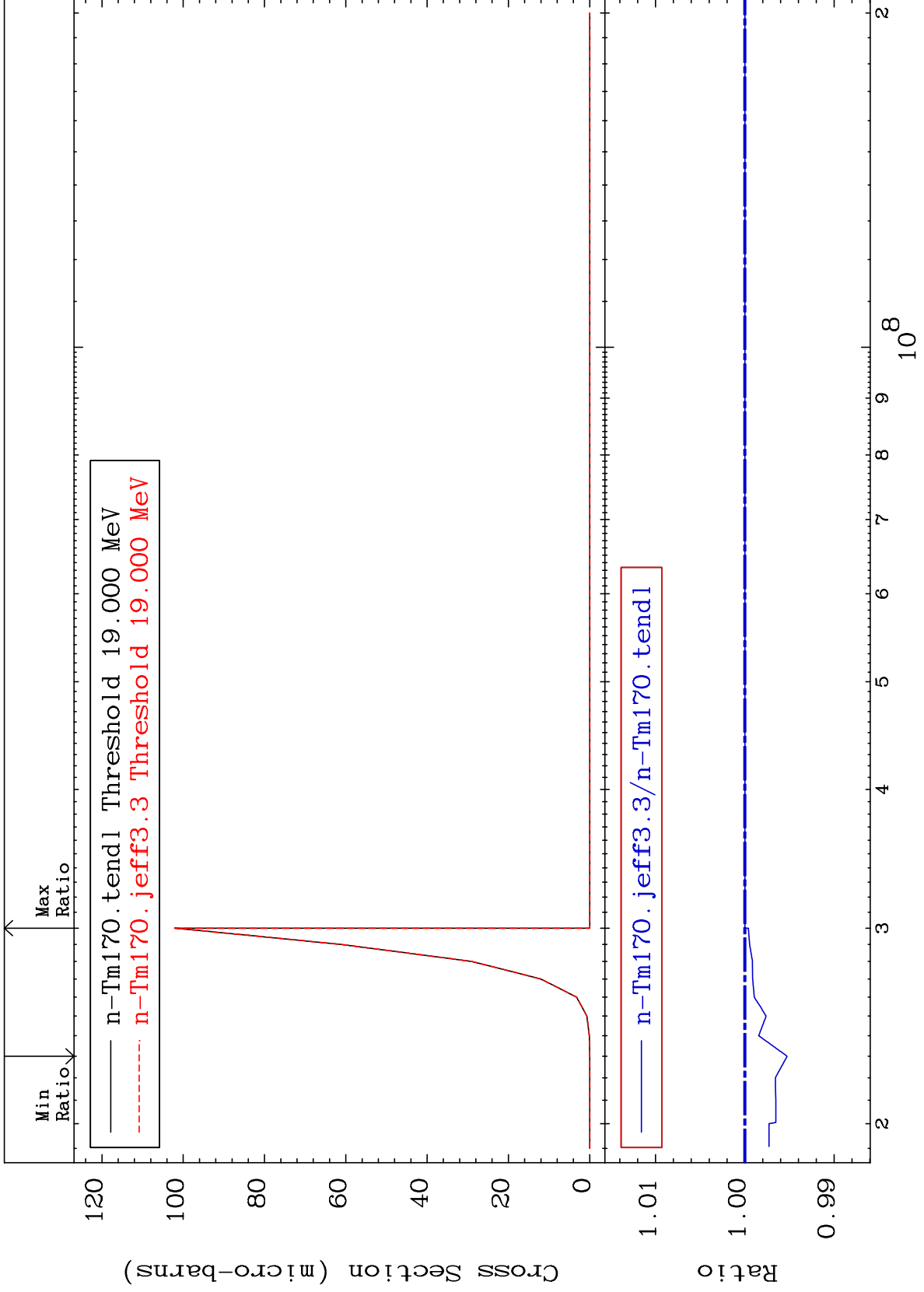


MAT 6928

(n,2n) d:68-Er-167m3

69-Tm-170

Radionuclide Production Cross Section -0.473 To 0.000 %



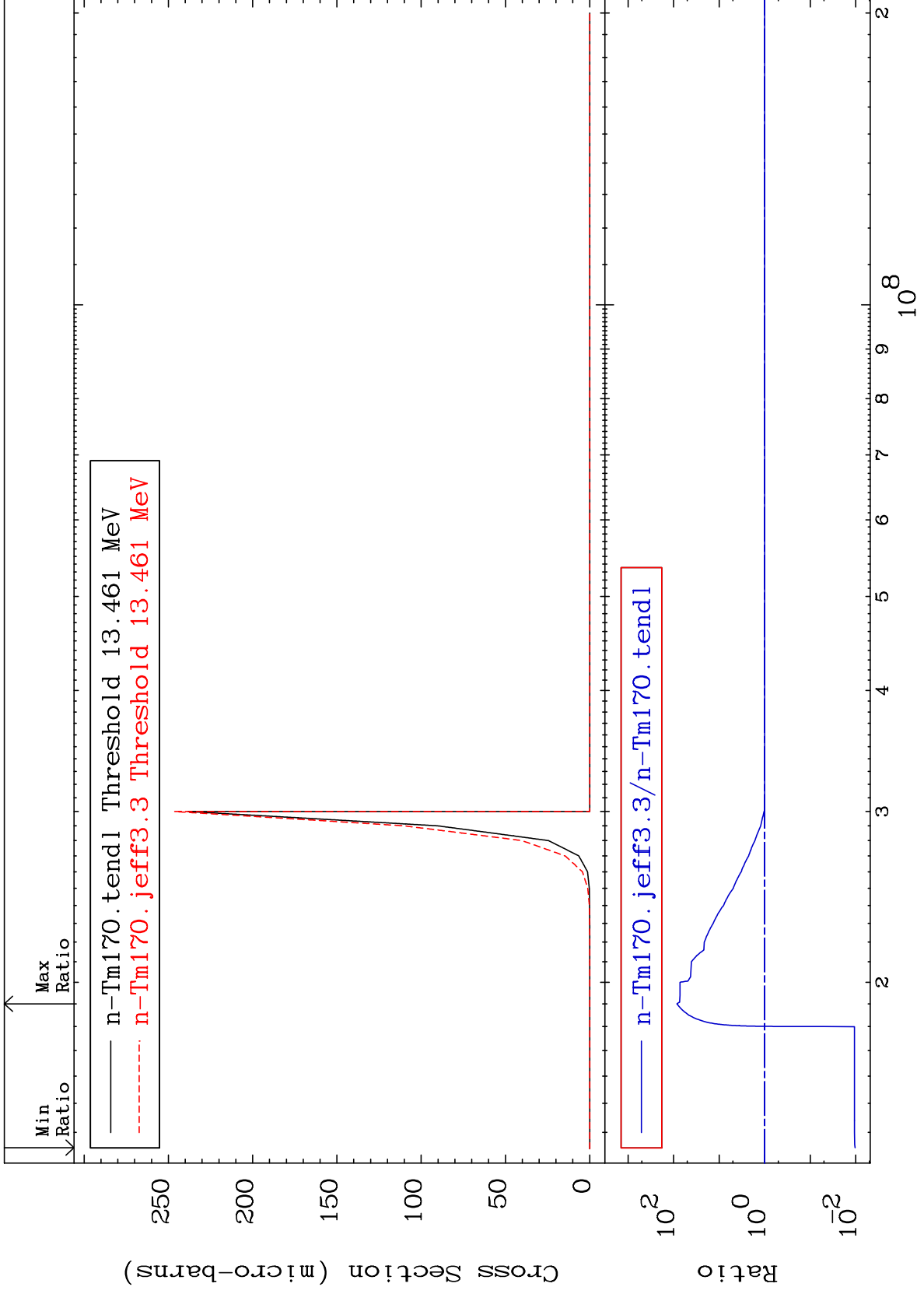
74

Incident Energy (eV)

69-Tm-170

MAT 6928

(n,3n) α : 67-Ho-164g 69-Tm-170
Radionuclide Production Cross Section -98.97 To 8373. %



75

Incident Energy (eV)

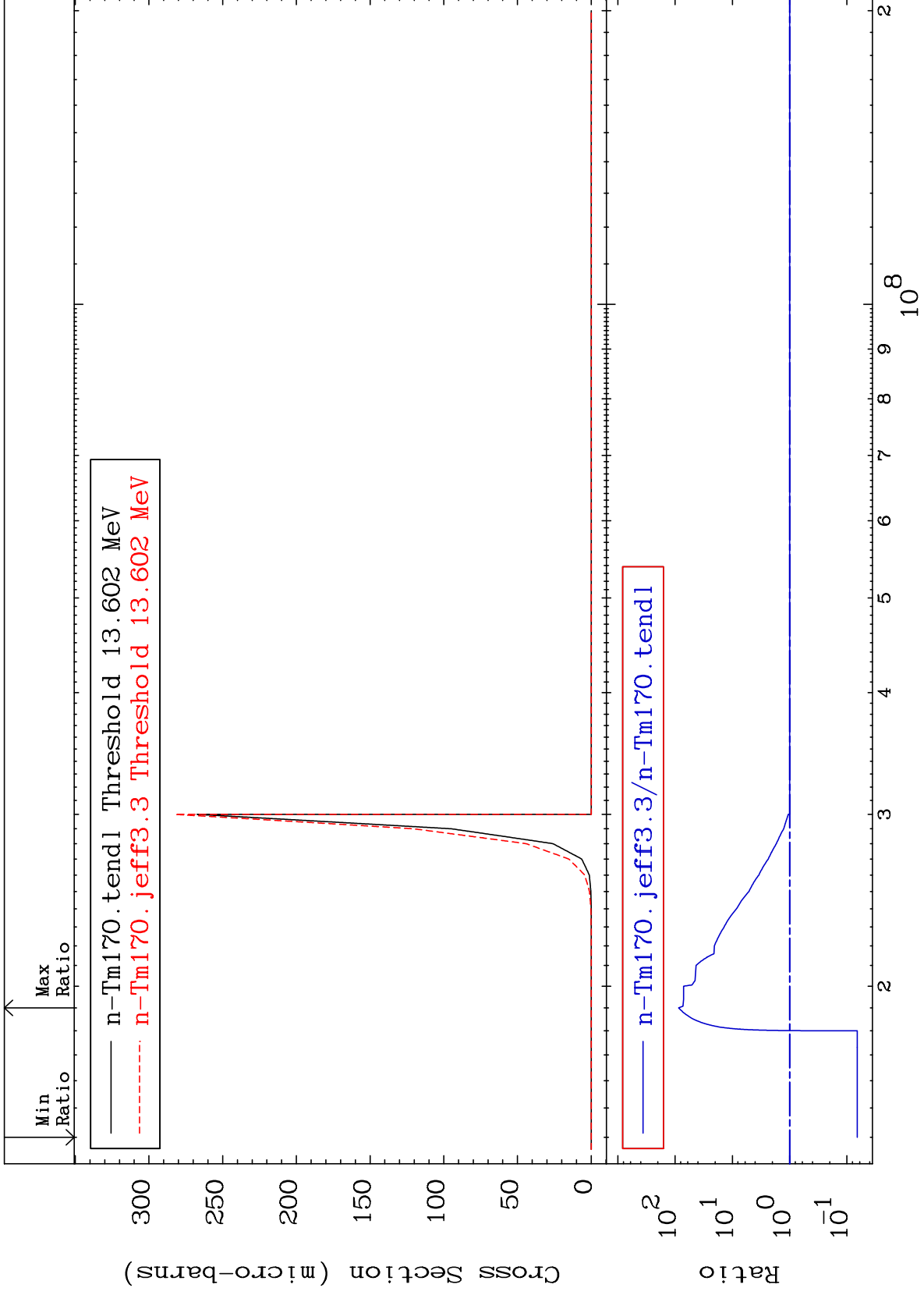
69-Tm-170

MAT 6928

(n,3n) α :67-Ho-164m3

69-Tm-170

Radionuclide Production Cross Section -93.39 To 8583. %

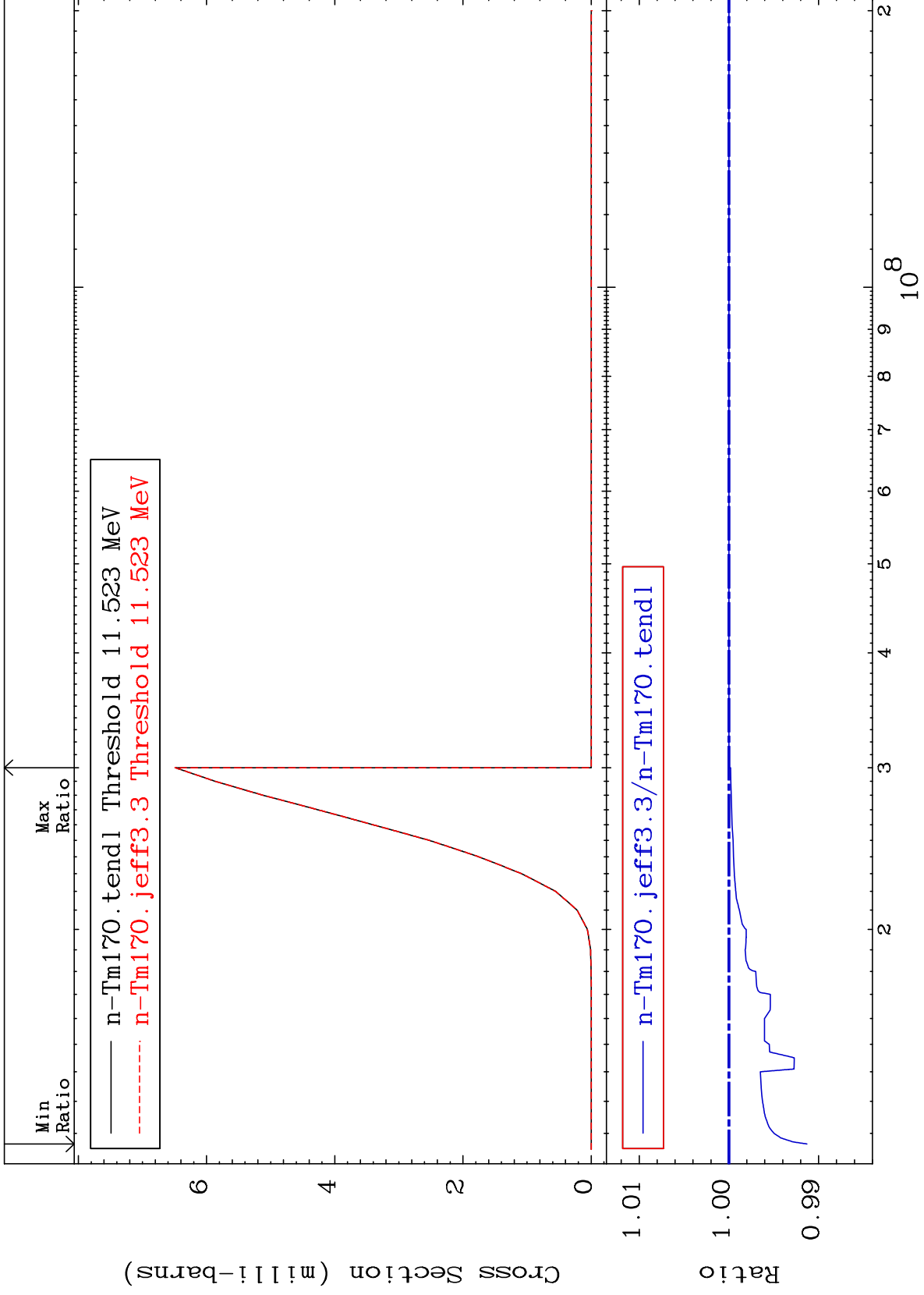


MAT 6928

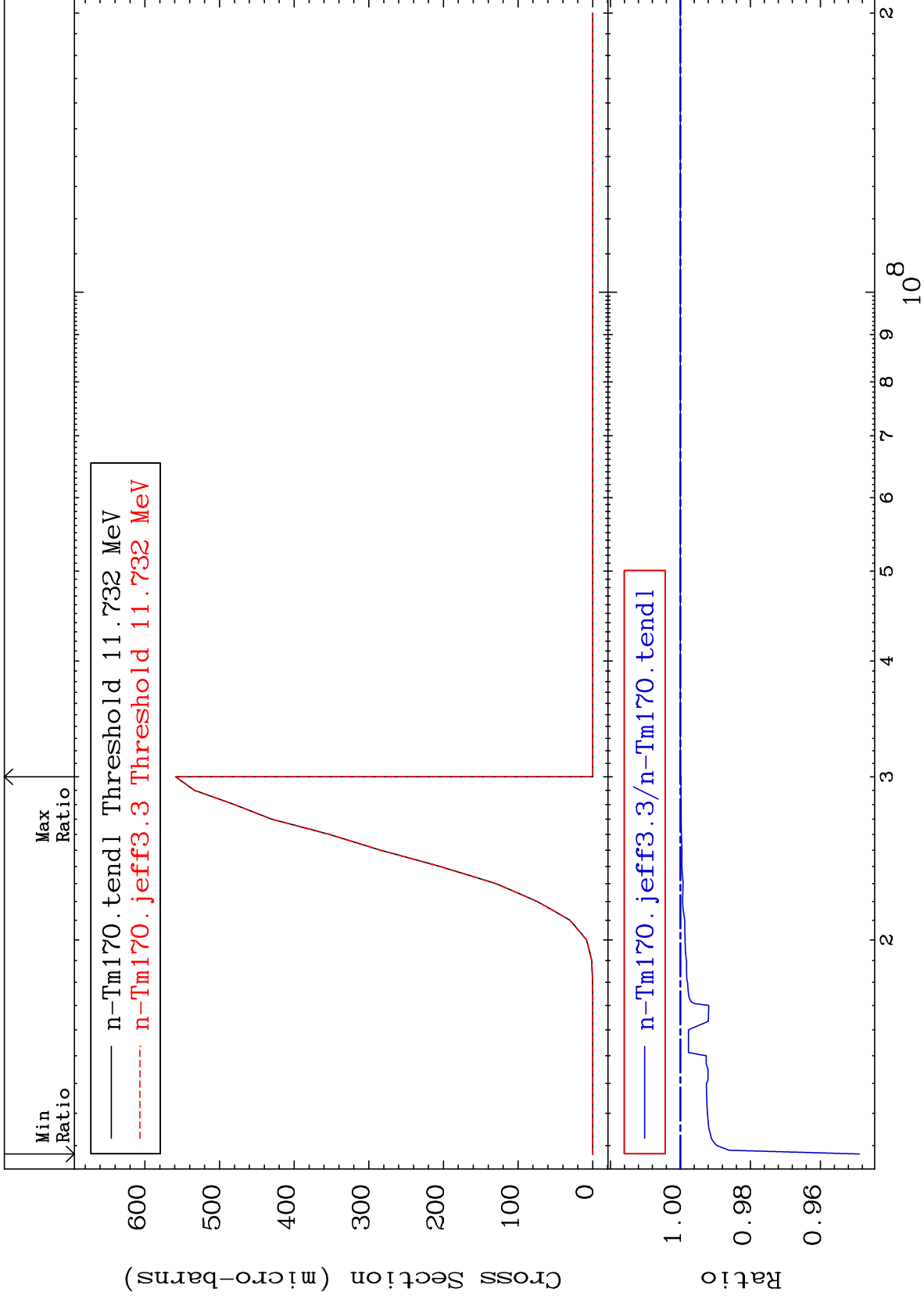
(n, n') t: 68-Er-167g

69-Tm-170

Radionuclide Production Cross Section -0.871 To 0.000 %



Radionuclide Production Cross Section -5.117 To 0.000 %

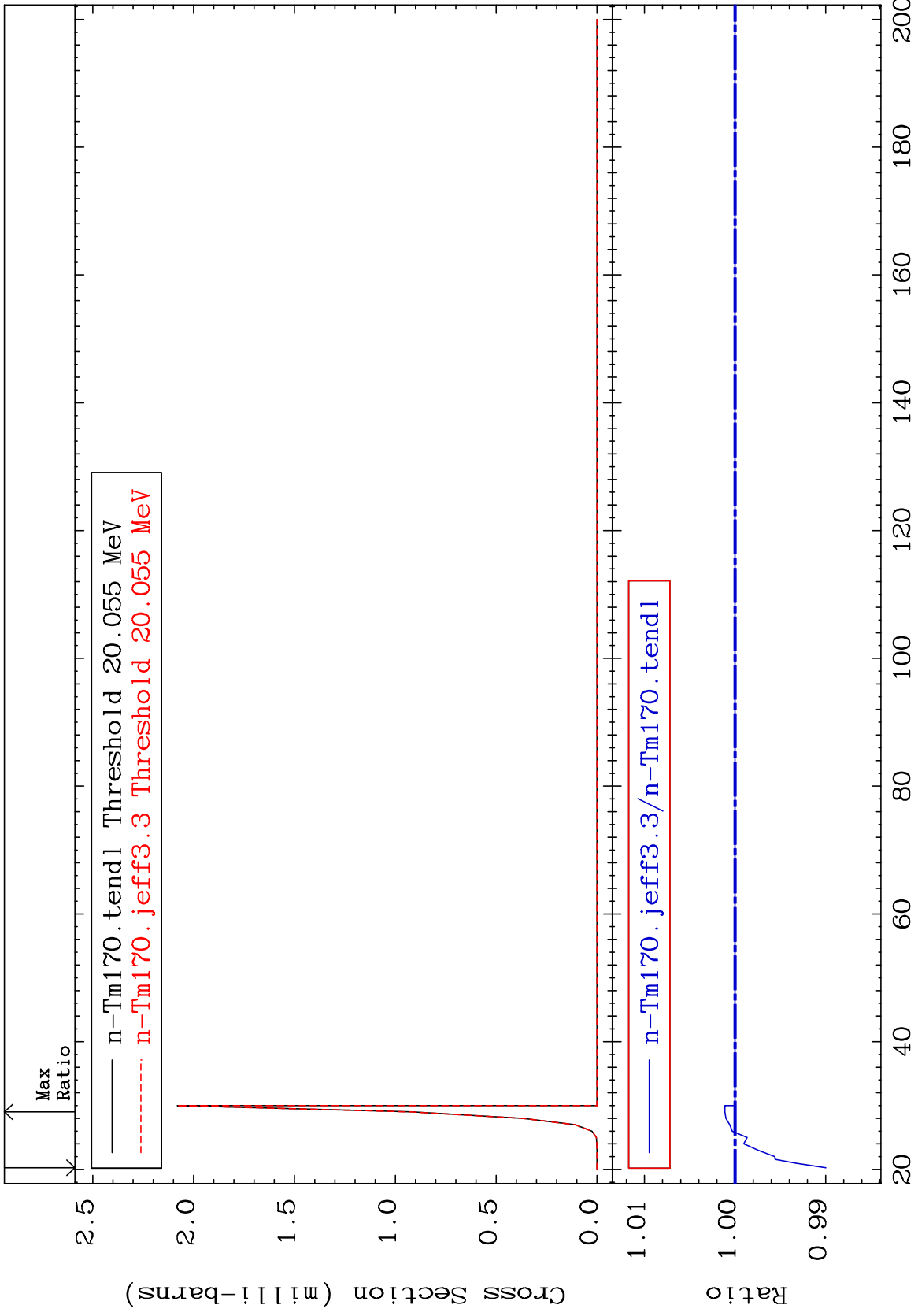


MAT 6928

(n,3n) p:68-Er-167g

69-Tm-170

Radionuclide Production Cross Section -1.003 To 0.112 %



79

Incident Energy (MeV)

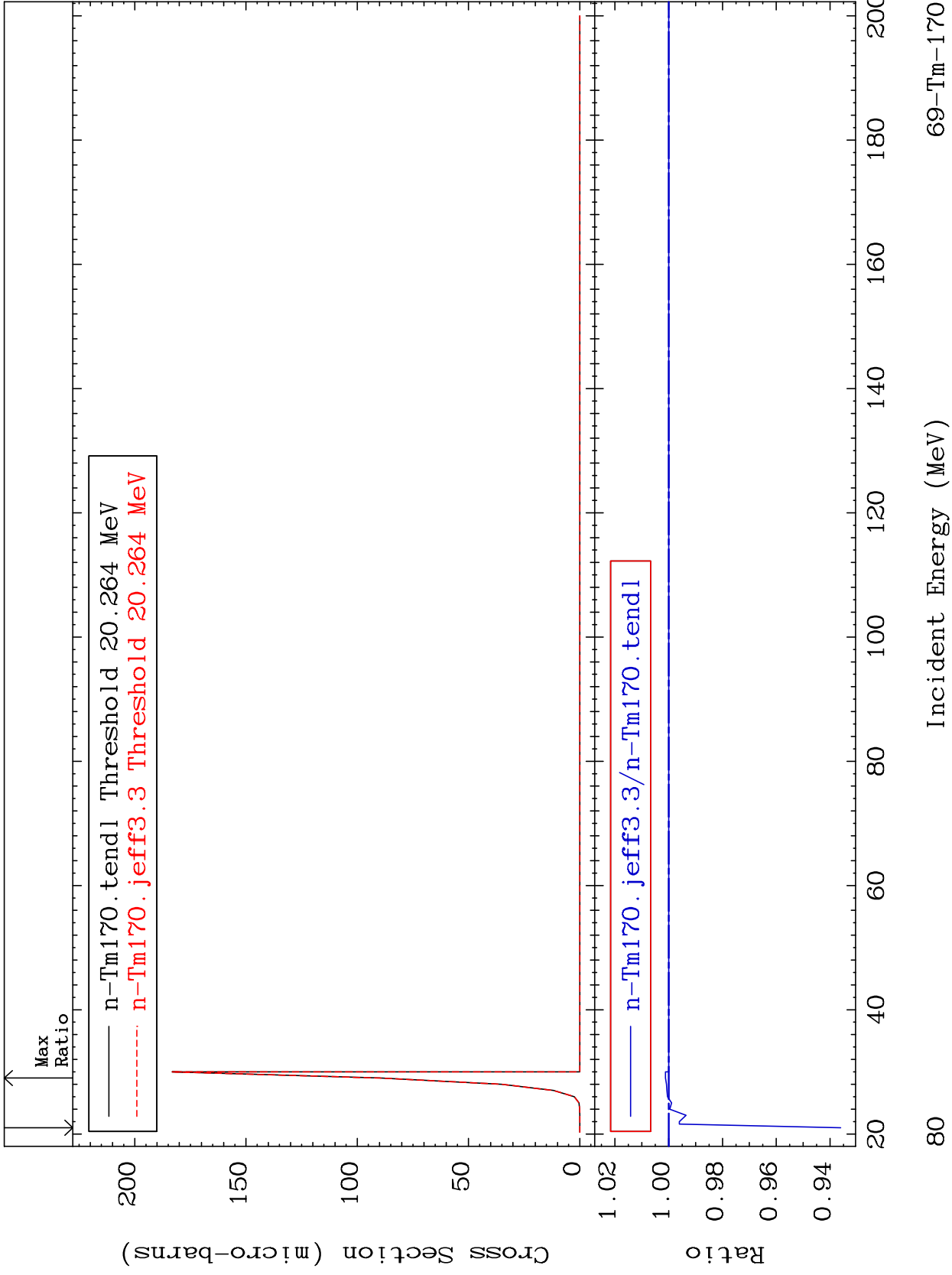
69-Tm-170

MAT 6928

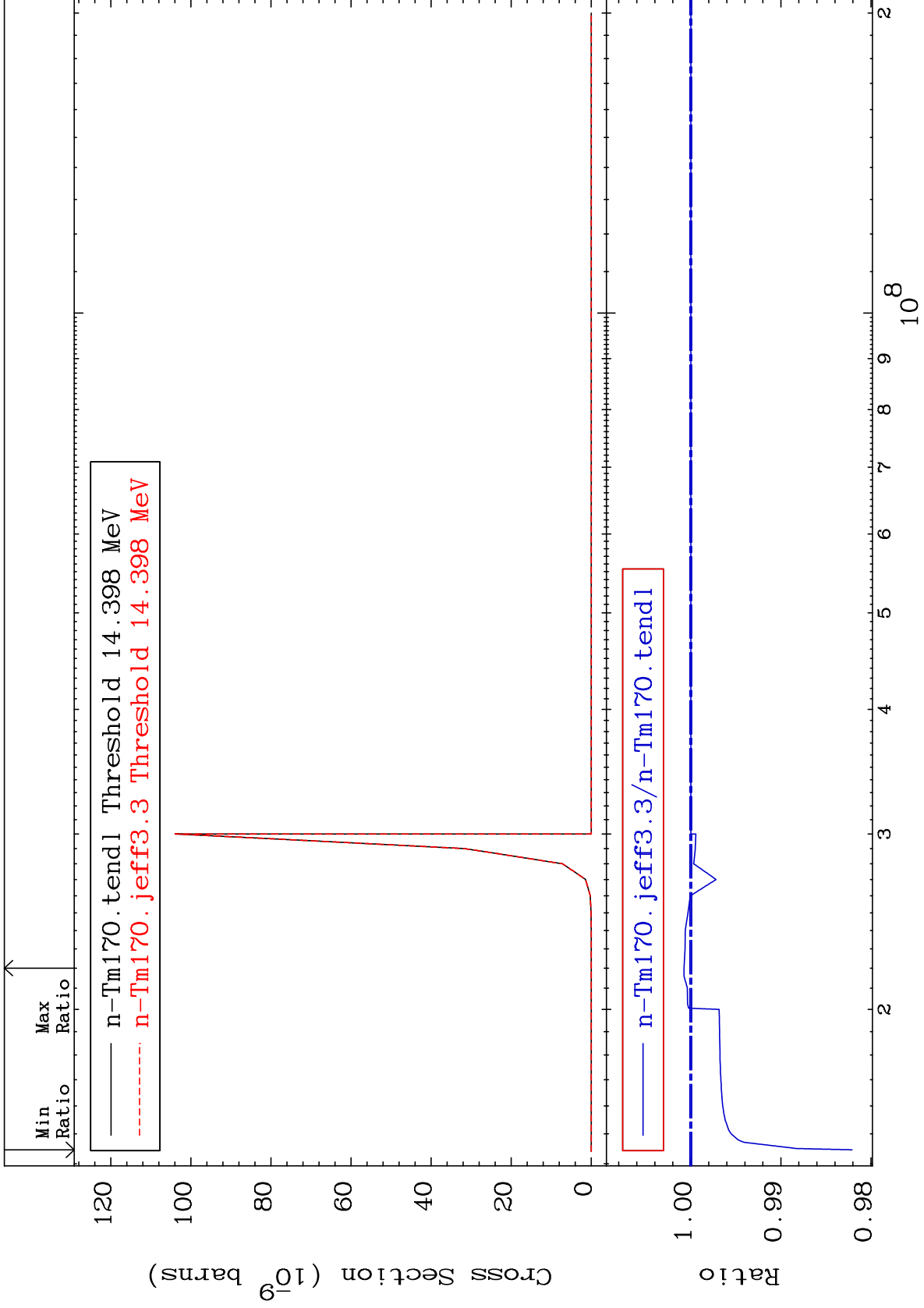
(n,3n) p:68-Er-167m3

69-Tm-170

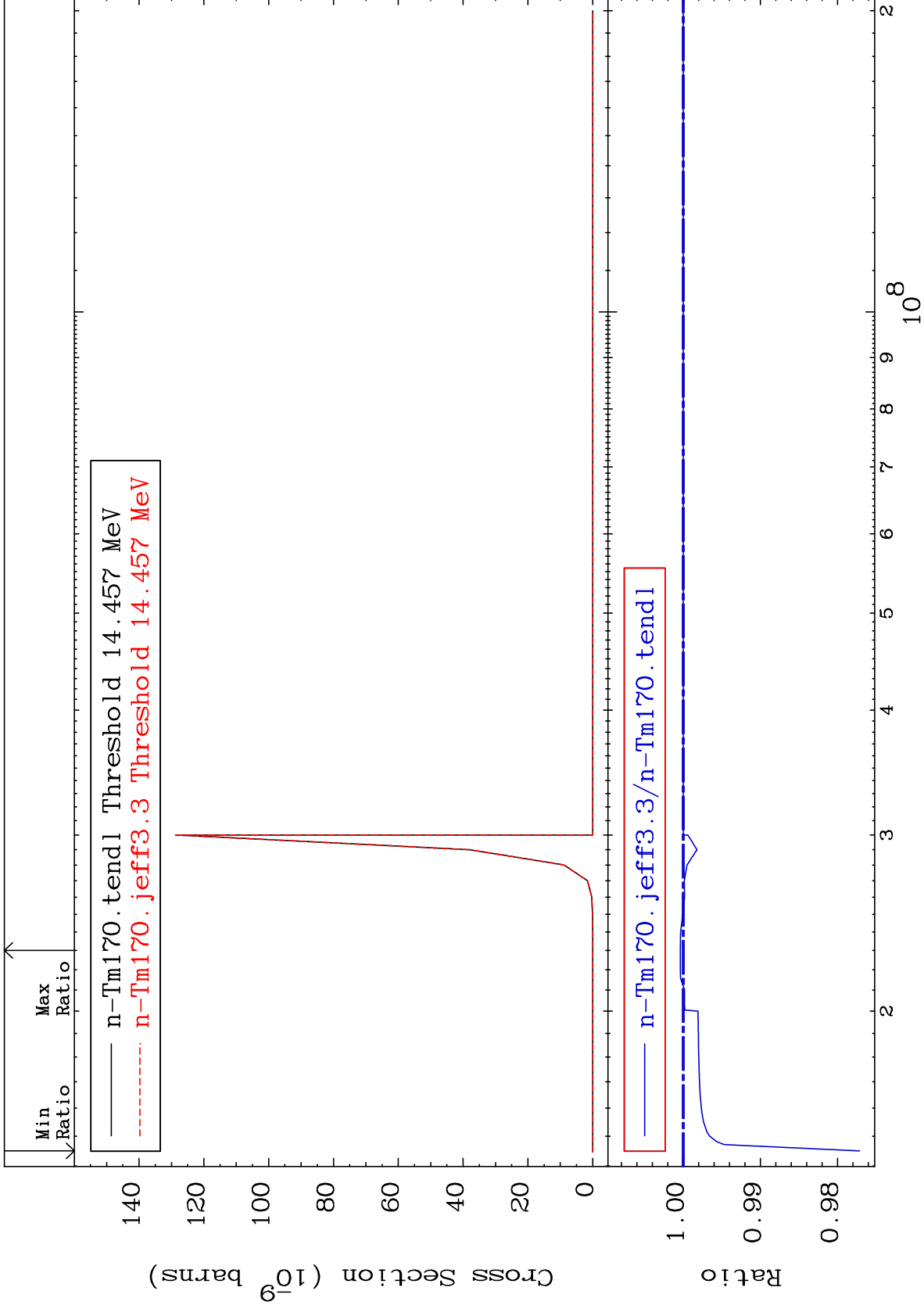
Radionuclide Production Cross Section -6.394 To 0.119 %

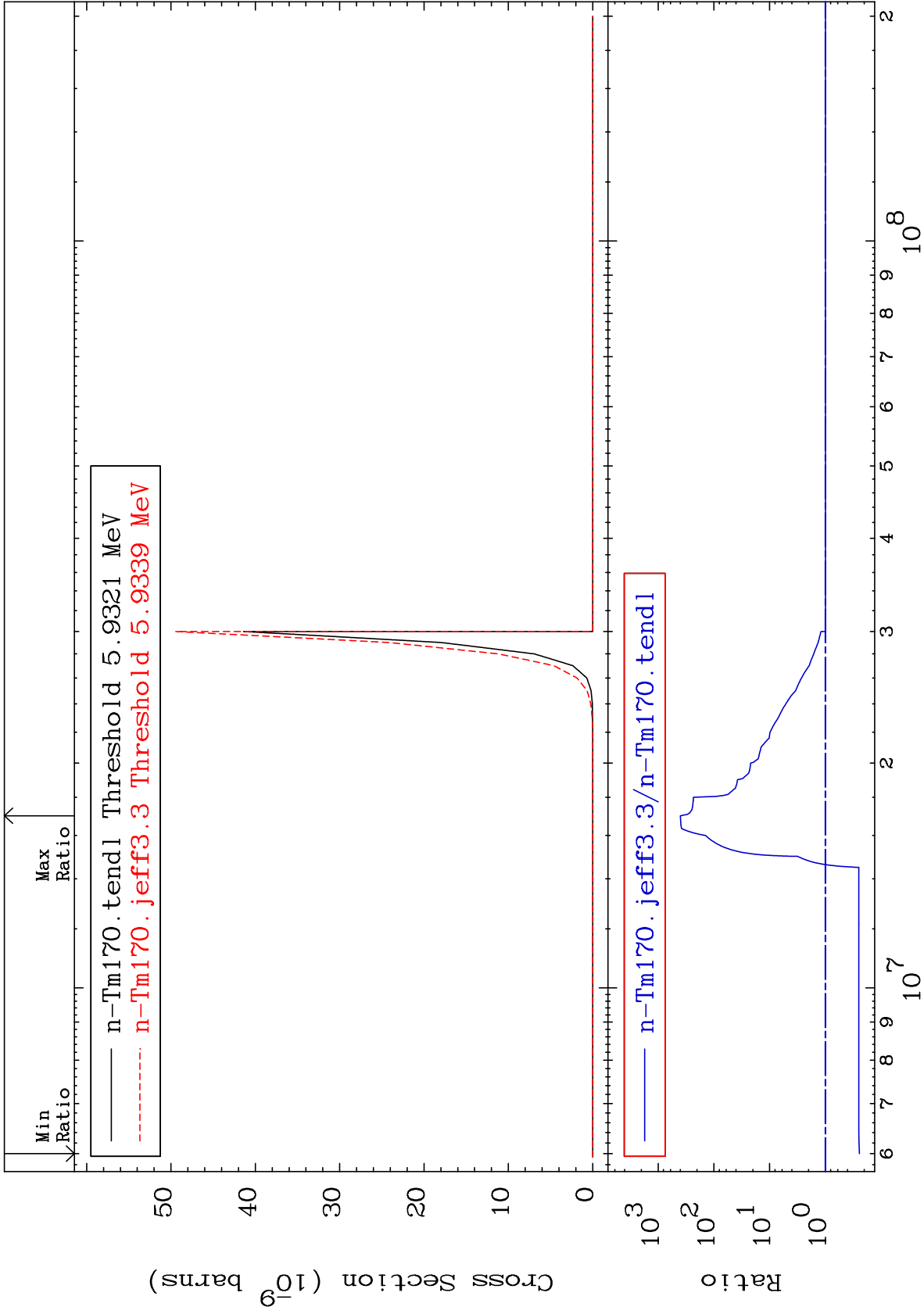


Radionuclide Production Cross Section -1.789 To 0.077 %



Radionuclide Production Cross Section -2.284 To 0.037 %



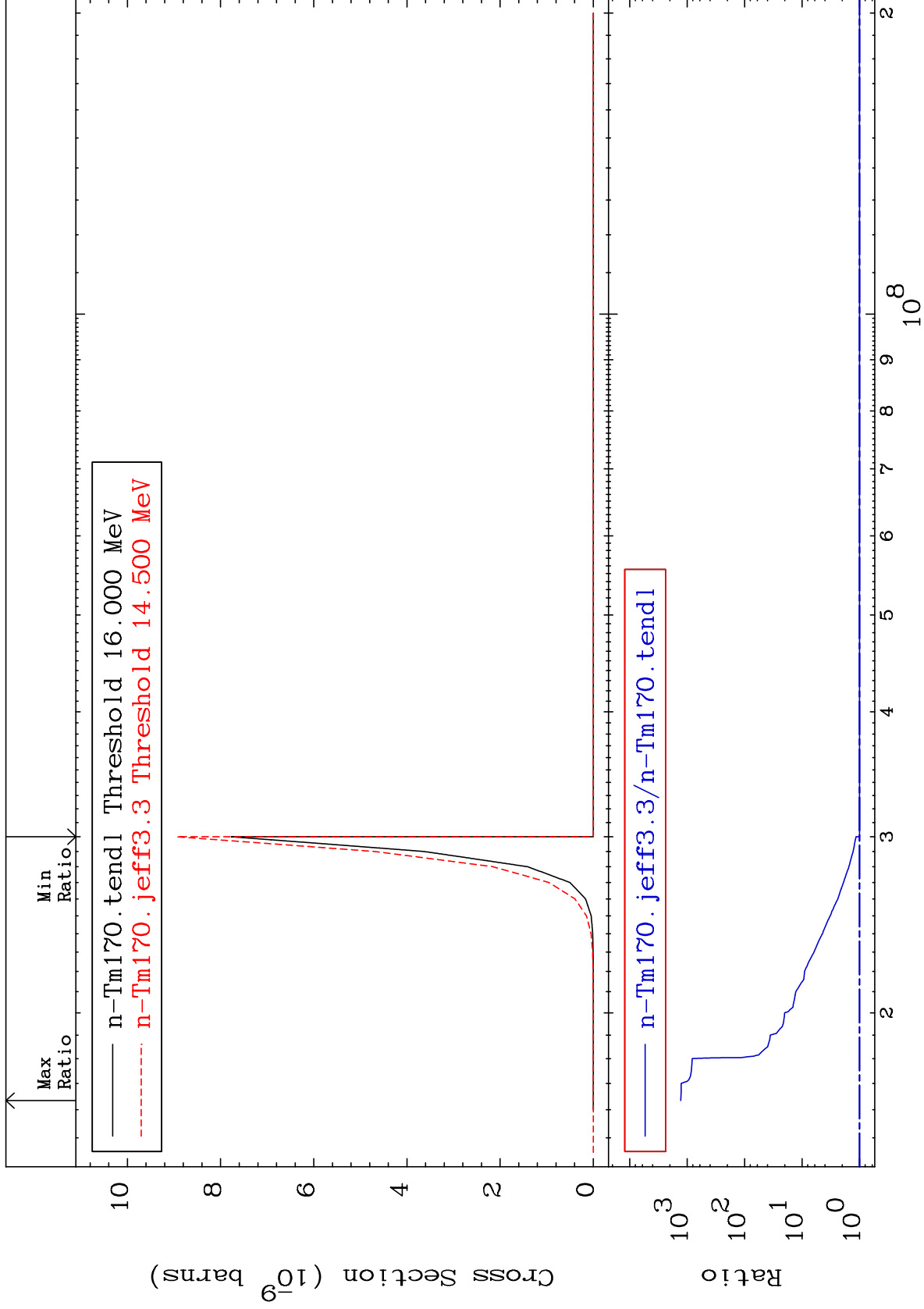


MAT 6928

(n, n') p α :66-Dy-165m2

69-Tm-170

Radionuclide Production Cross Section 0.000 To 9999. %

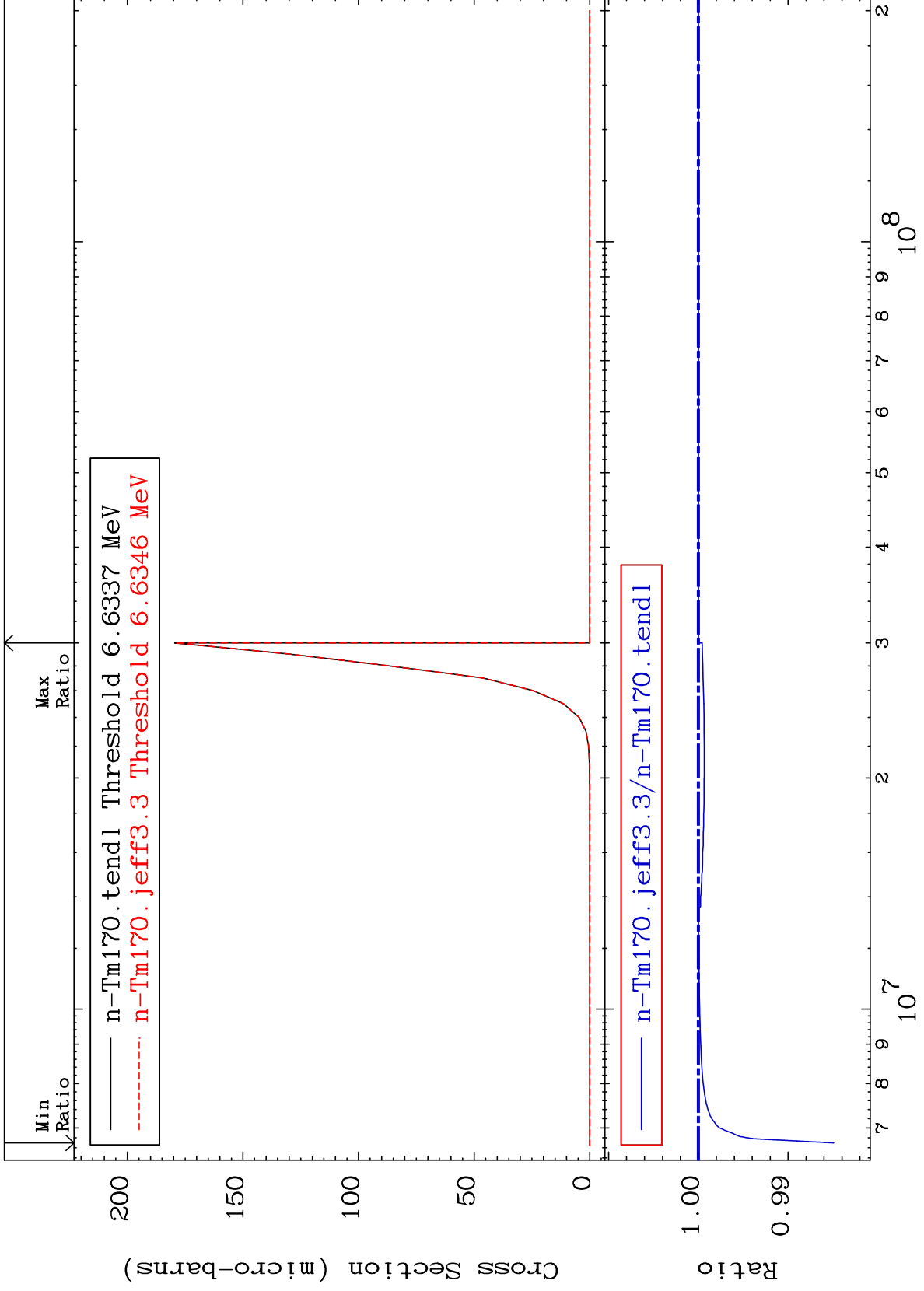


MAT 6928

(n, He-3) : 67-Ho-168g

69-Tm-170

Radionuclide Production Cross Section -1.507 To 0.000 %



85

Incident Energy (eV)

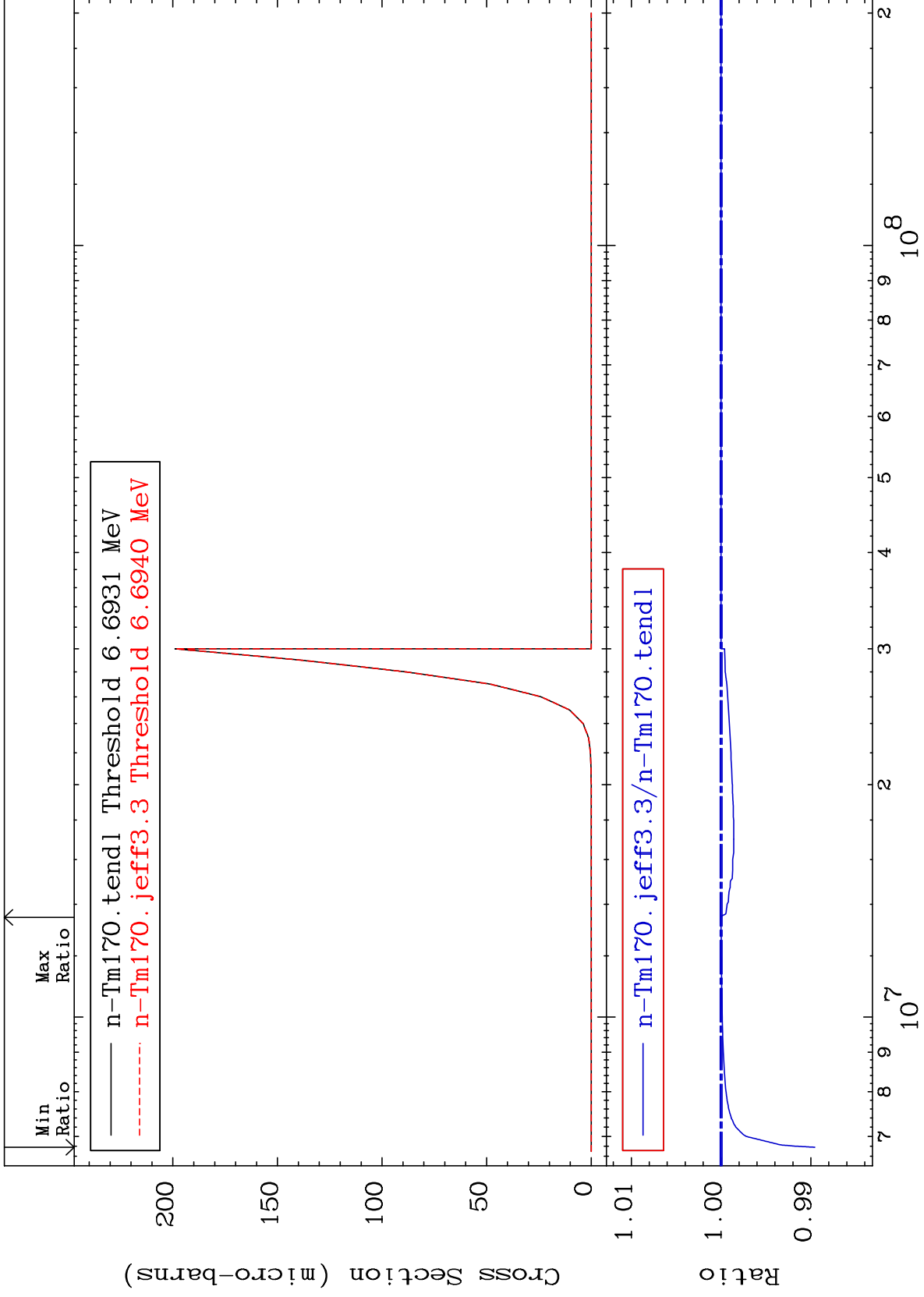
69-Tm-170

MAT 6928

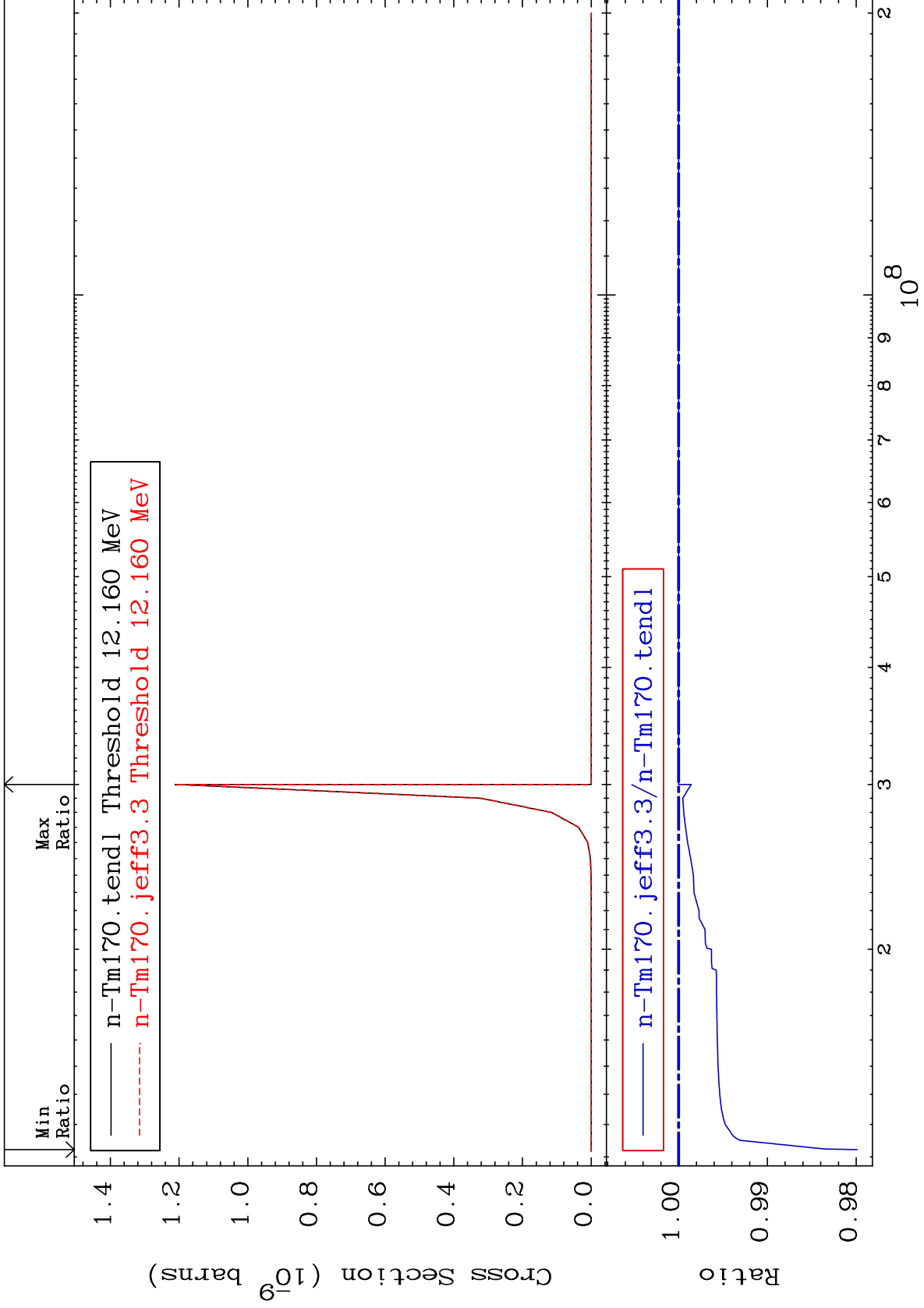
(n,He-3):67-Ho-168m1

69-Tm-170

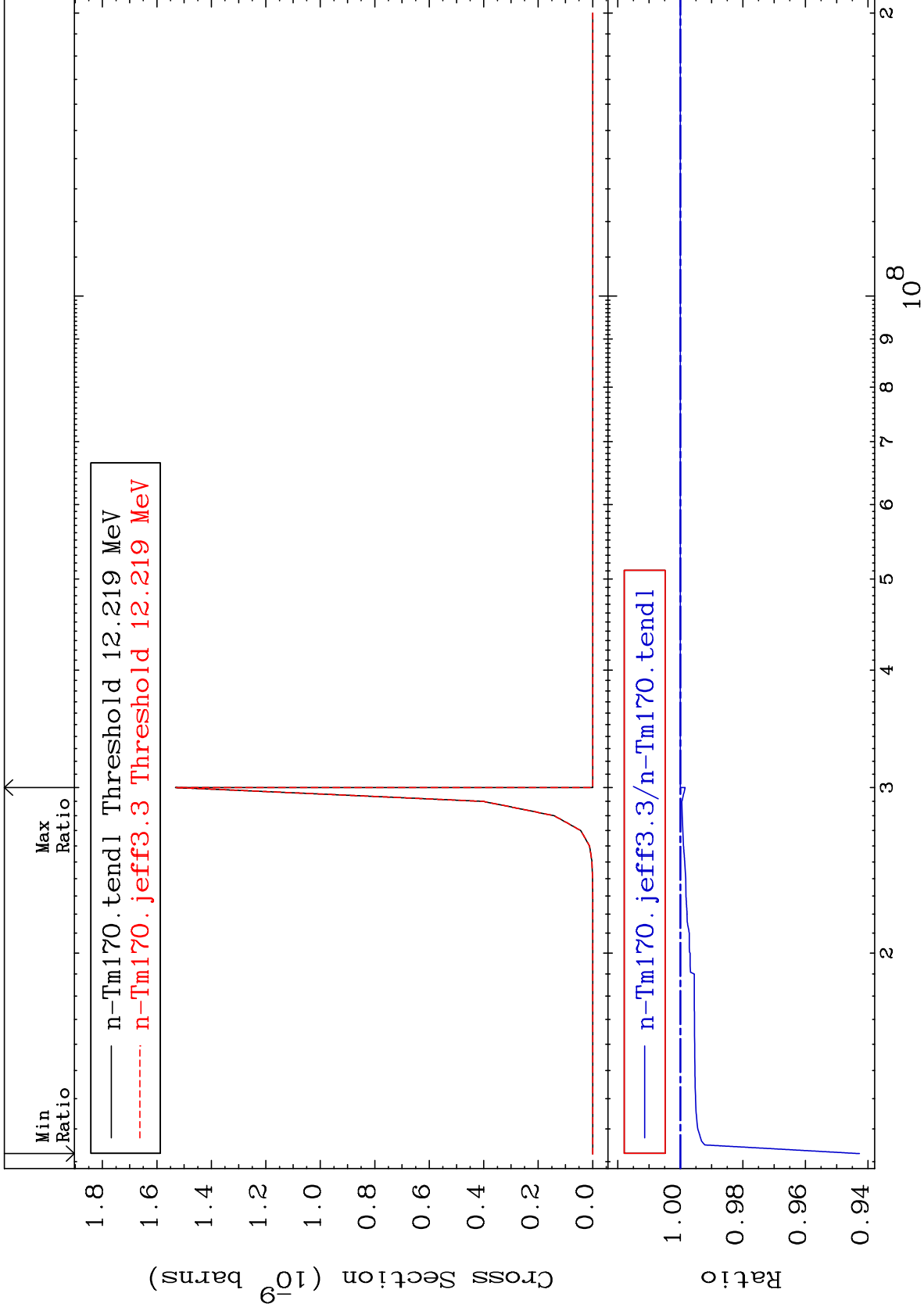
Radionuclide Production Cross Section -1.044 To 0.000 %



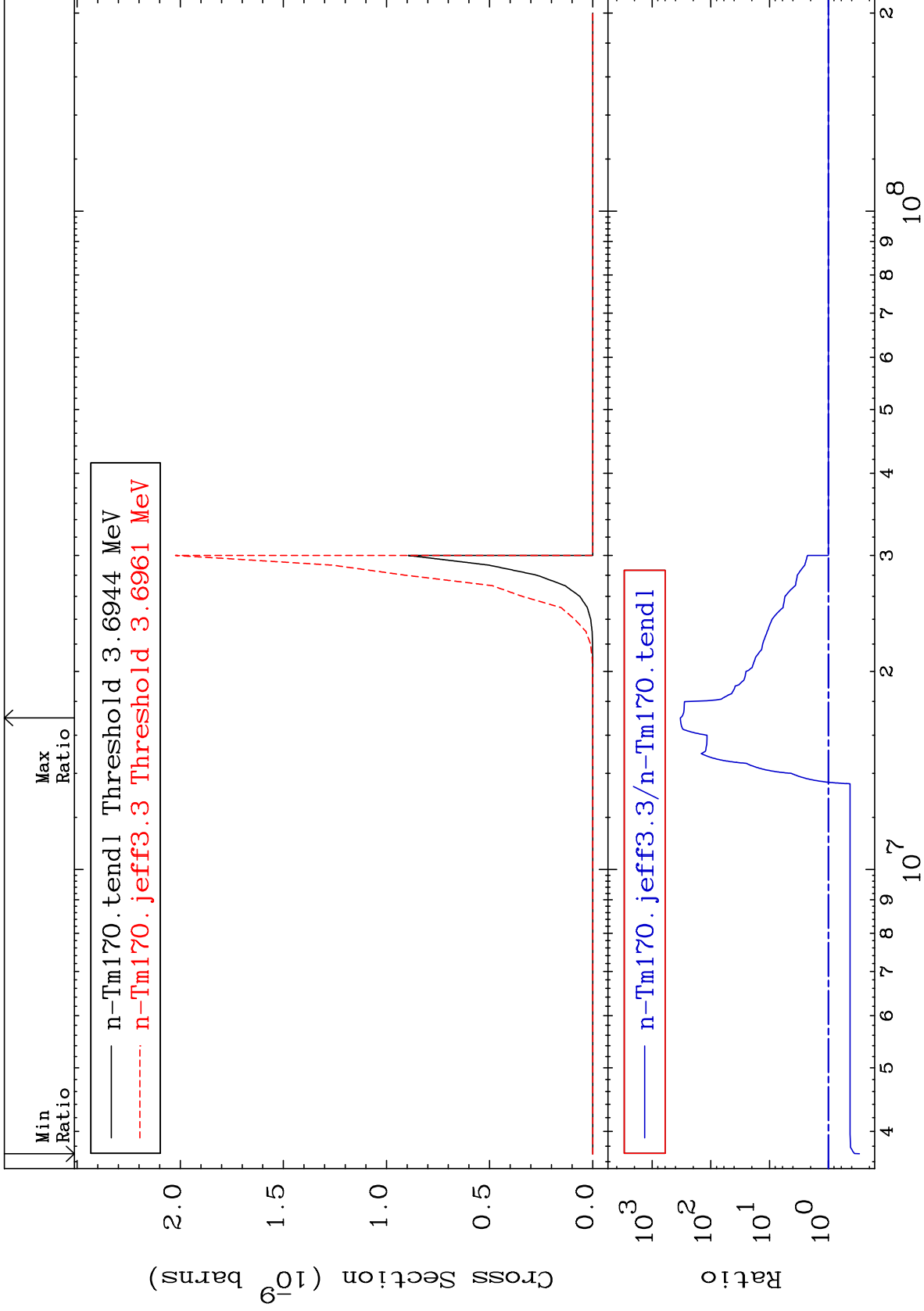
Radionuclide Production Cross Section -2.012 To 0.000 %



Radionuclide Production Cross Section -5.725 To 0.000 %



Radionuclide Production Cross Section -70.51 To 9999. %



MAT 6928

(n,d) α :66-Dy-165m2

69-Tm-170

Radionuclide Production Cross Section 0.000 To 9999. %

