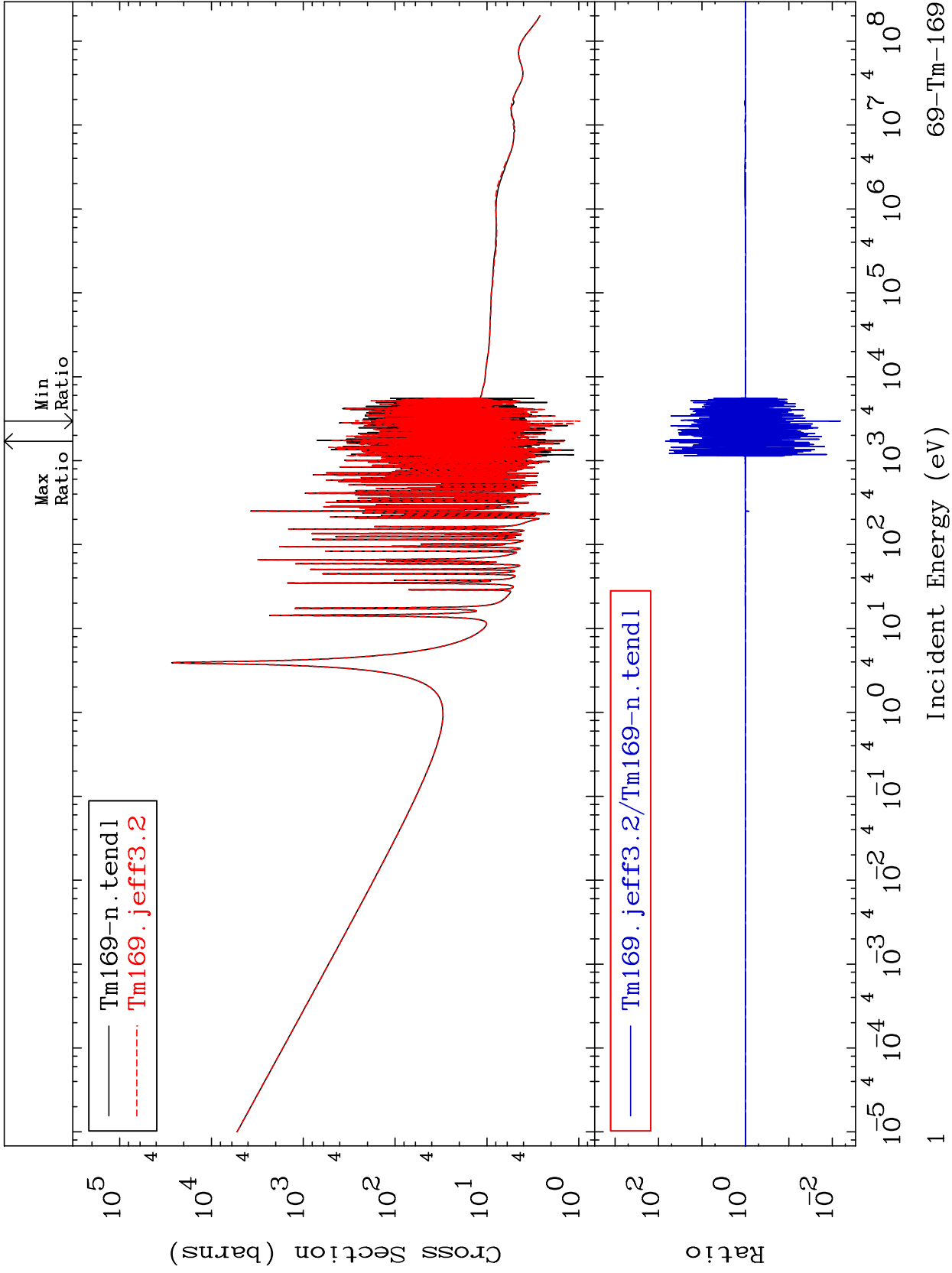


MAT 6925

Total Cross Section
69-Tm-169
-99.36 To 6795. %



69-Tm-169

Incident Energy (eV)

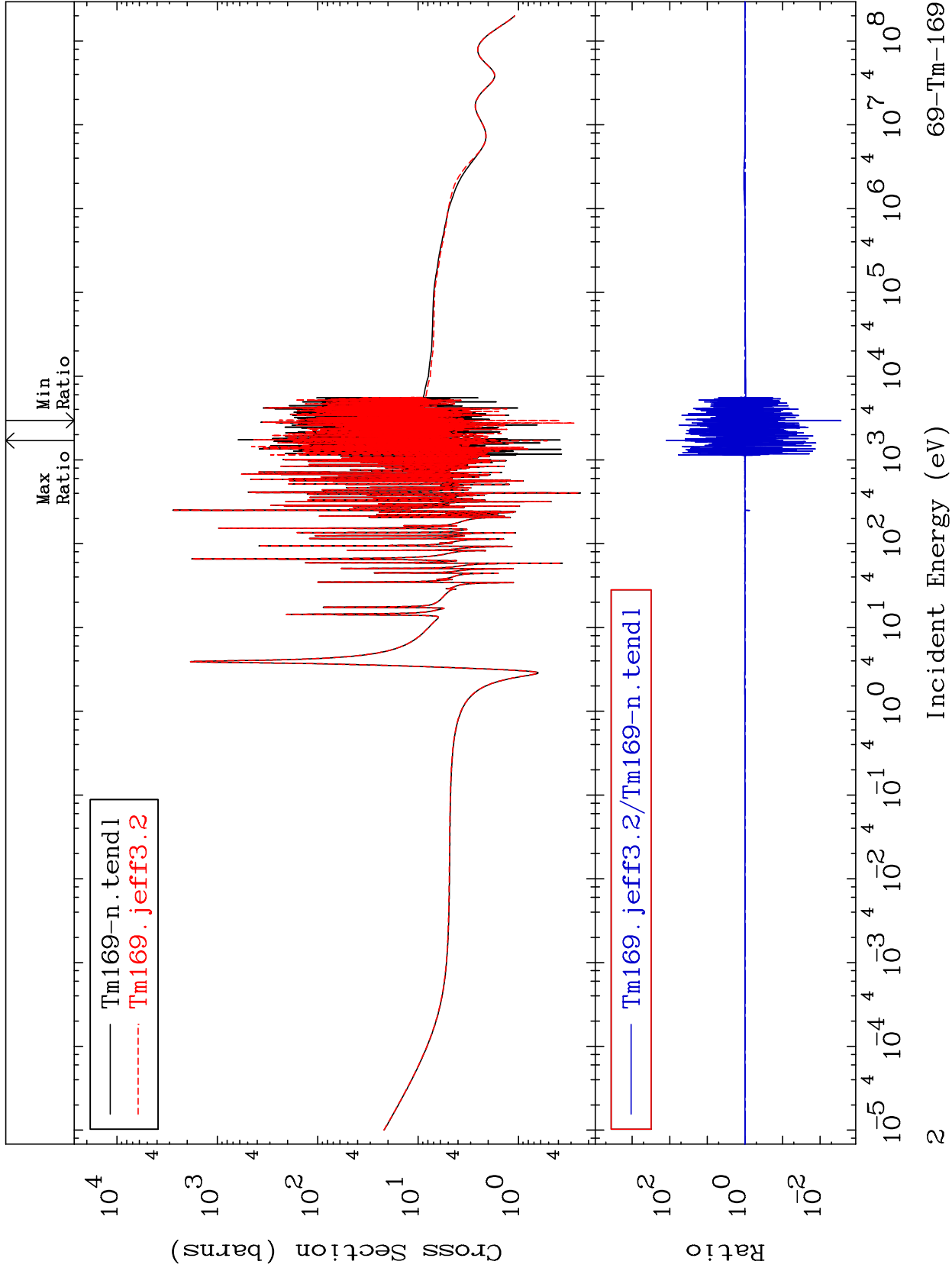
MAT 6925

Elastic

Cross Section

69-Tm-169

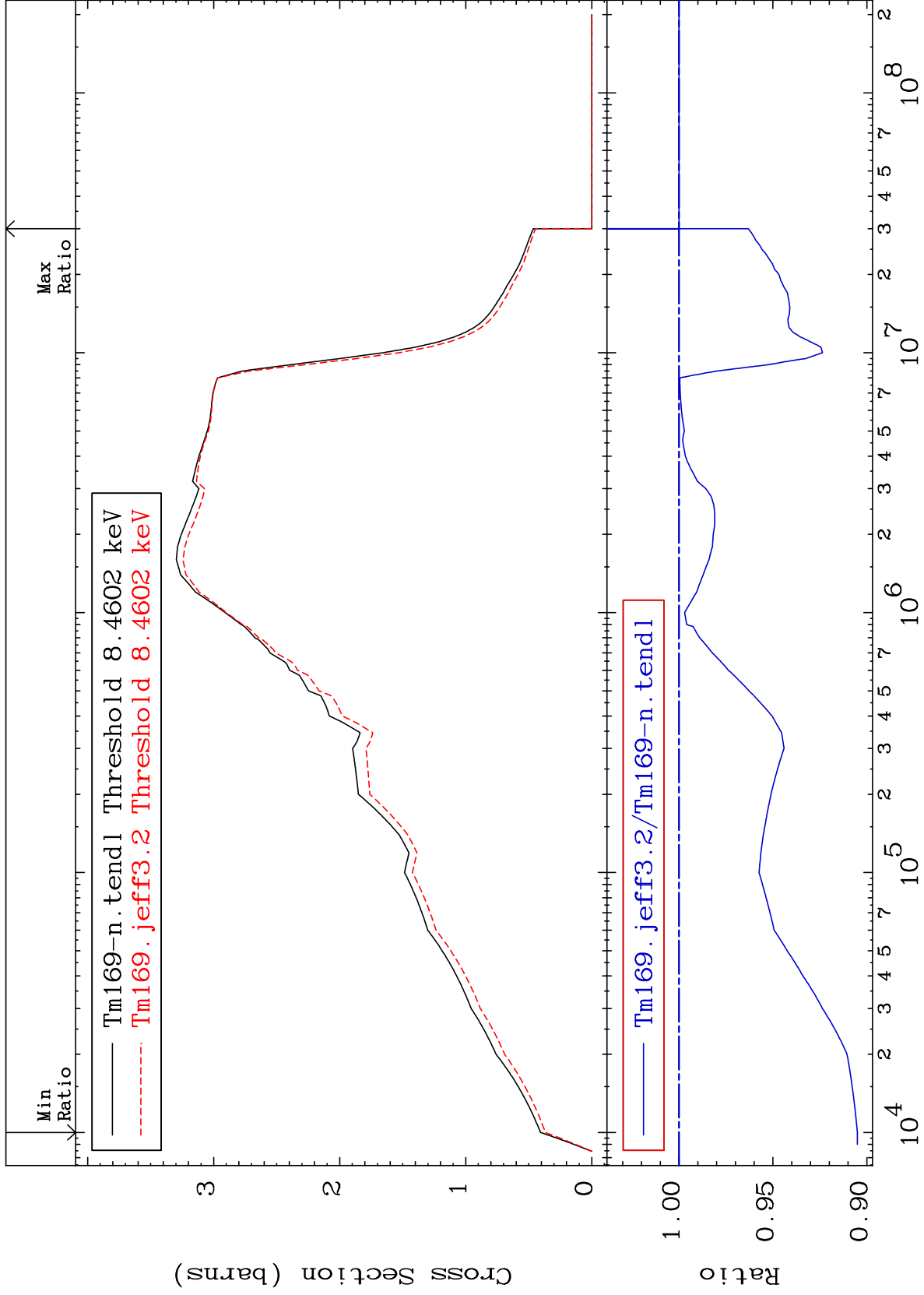
-99.72 To 9999. %



MAT 6925

Inelastic
Cross Section

69-Tm-169
-9.497 To 0.000 %

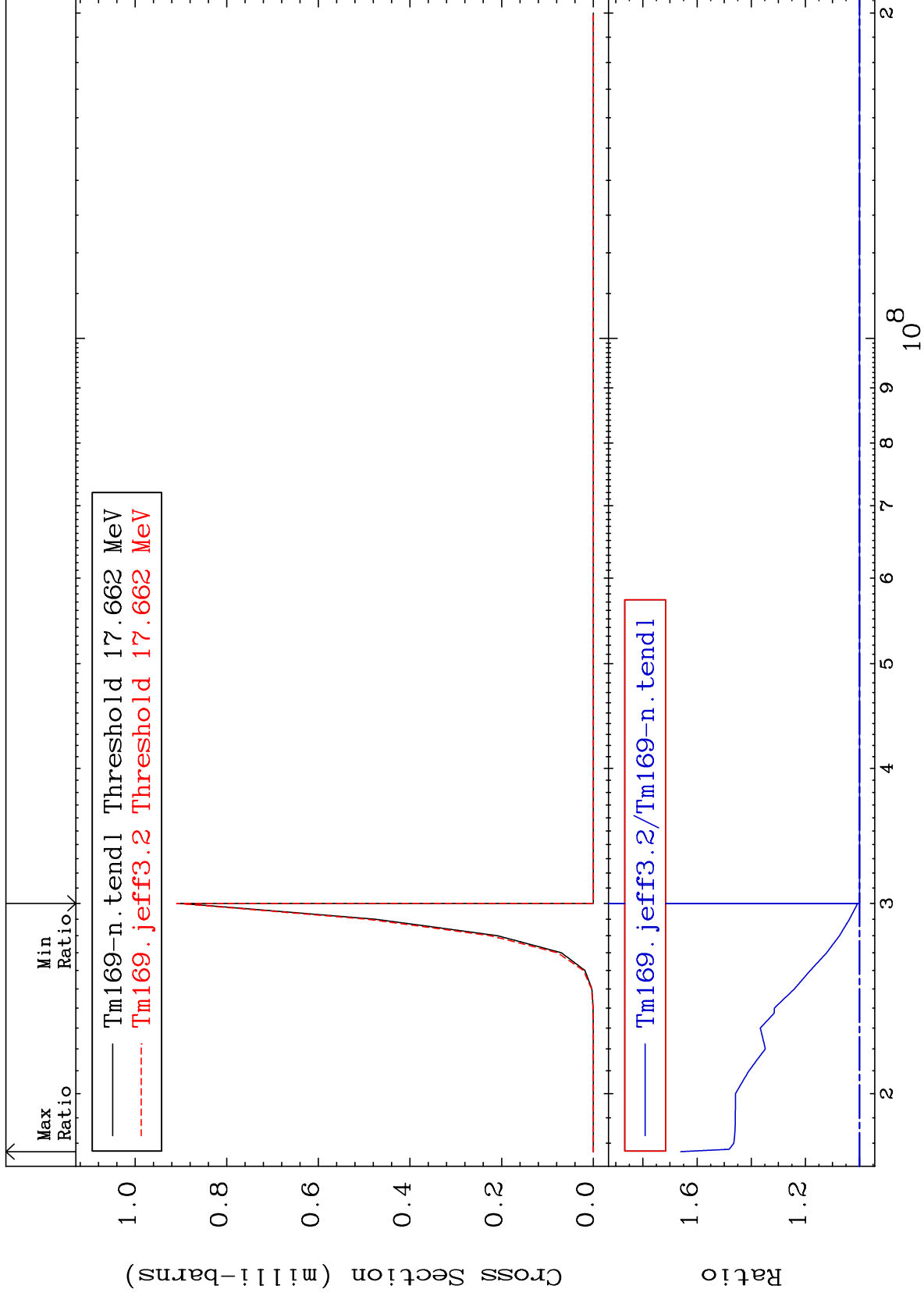


69-Tm-169

MAT 6925

(n,2n) d
Cross Section

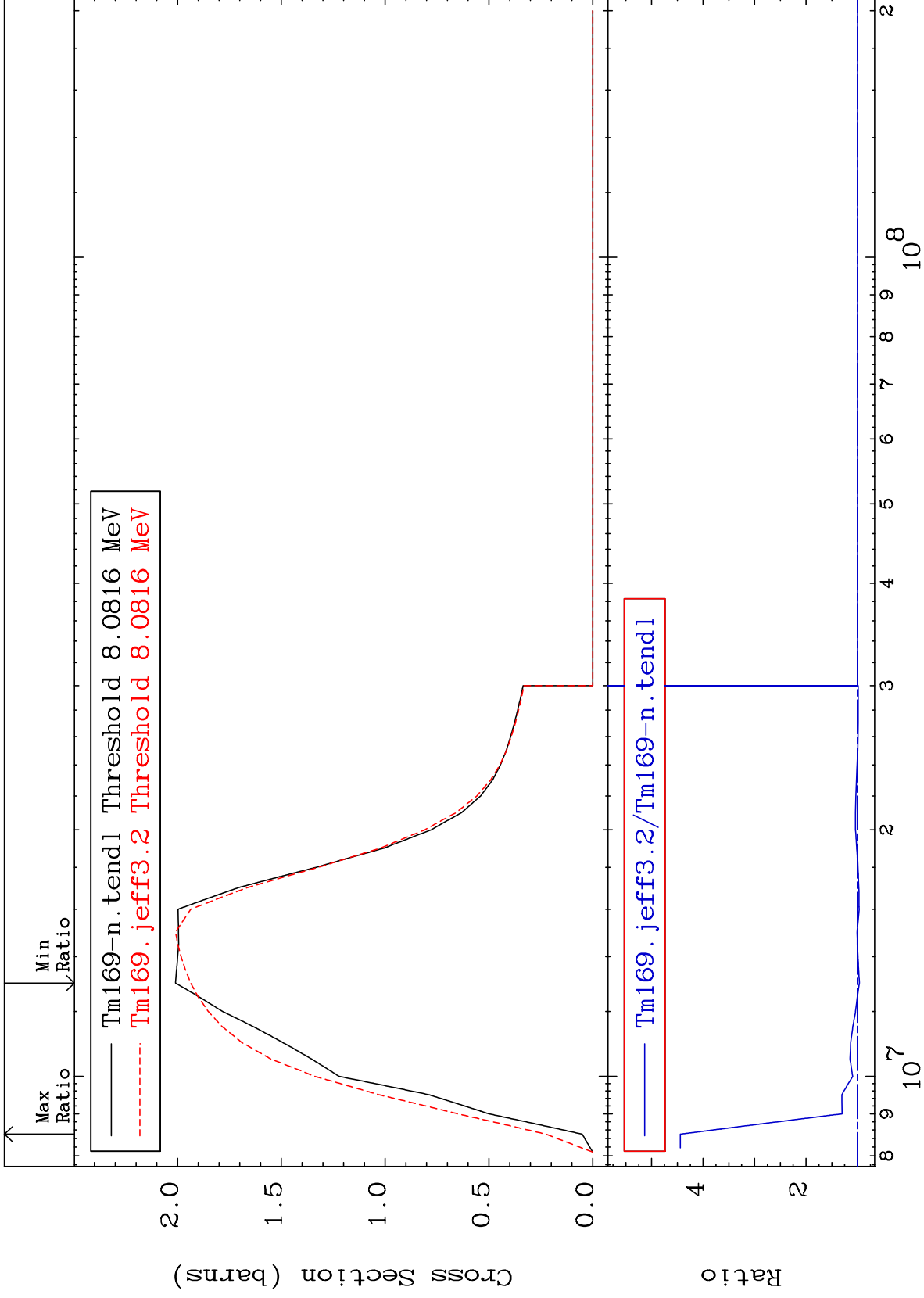
69-Tm-169
To 66.02 %



MAT 6925

(n,2n)
Cross Section

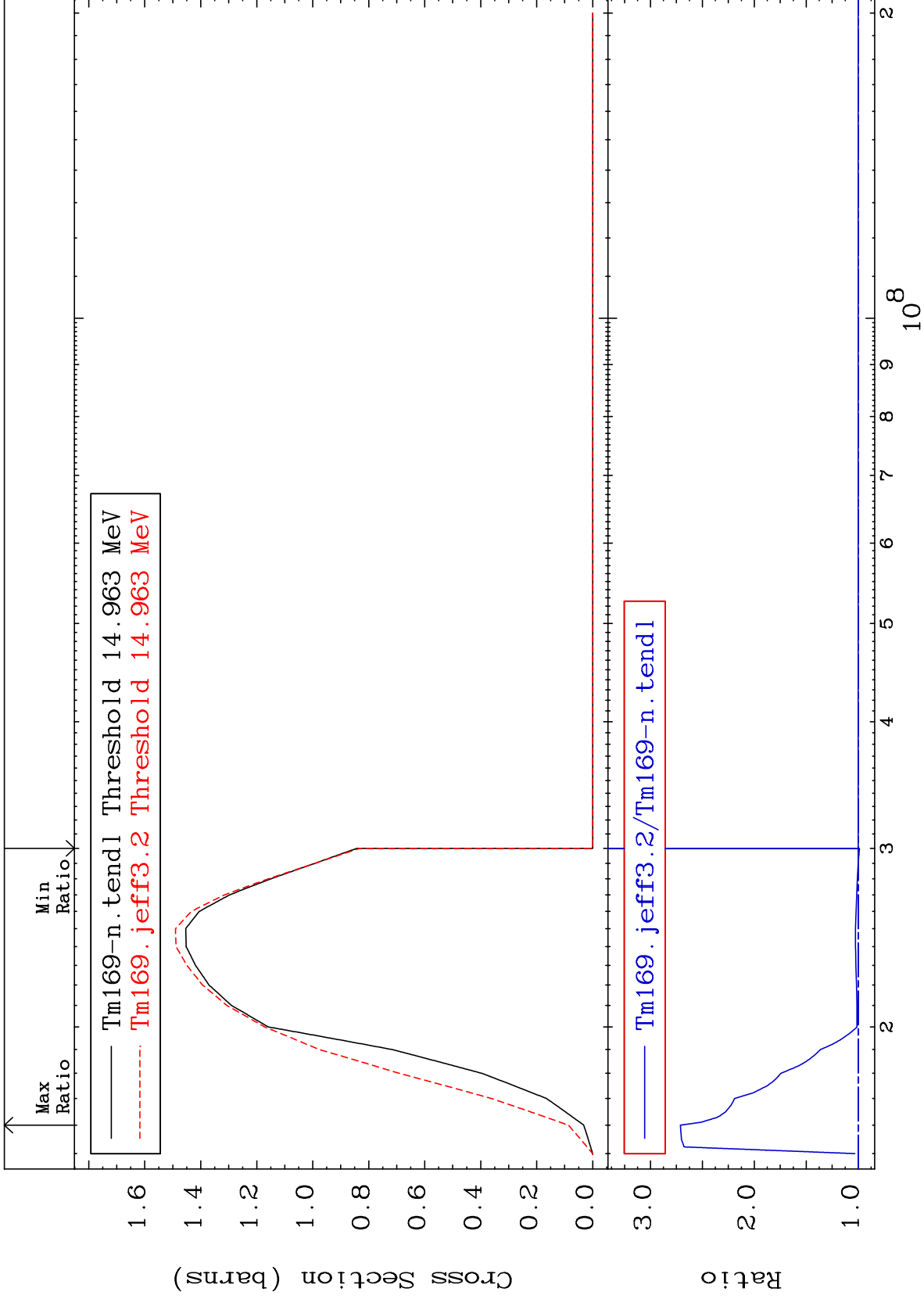
69-Tm-169
-3.647 To 344.2 %



5

Incident Energy (eV)

69-Tm-169



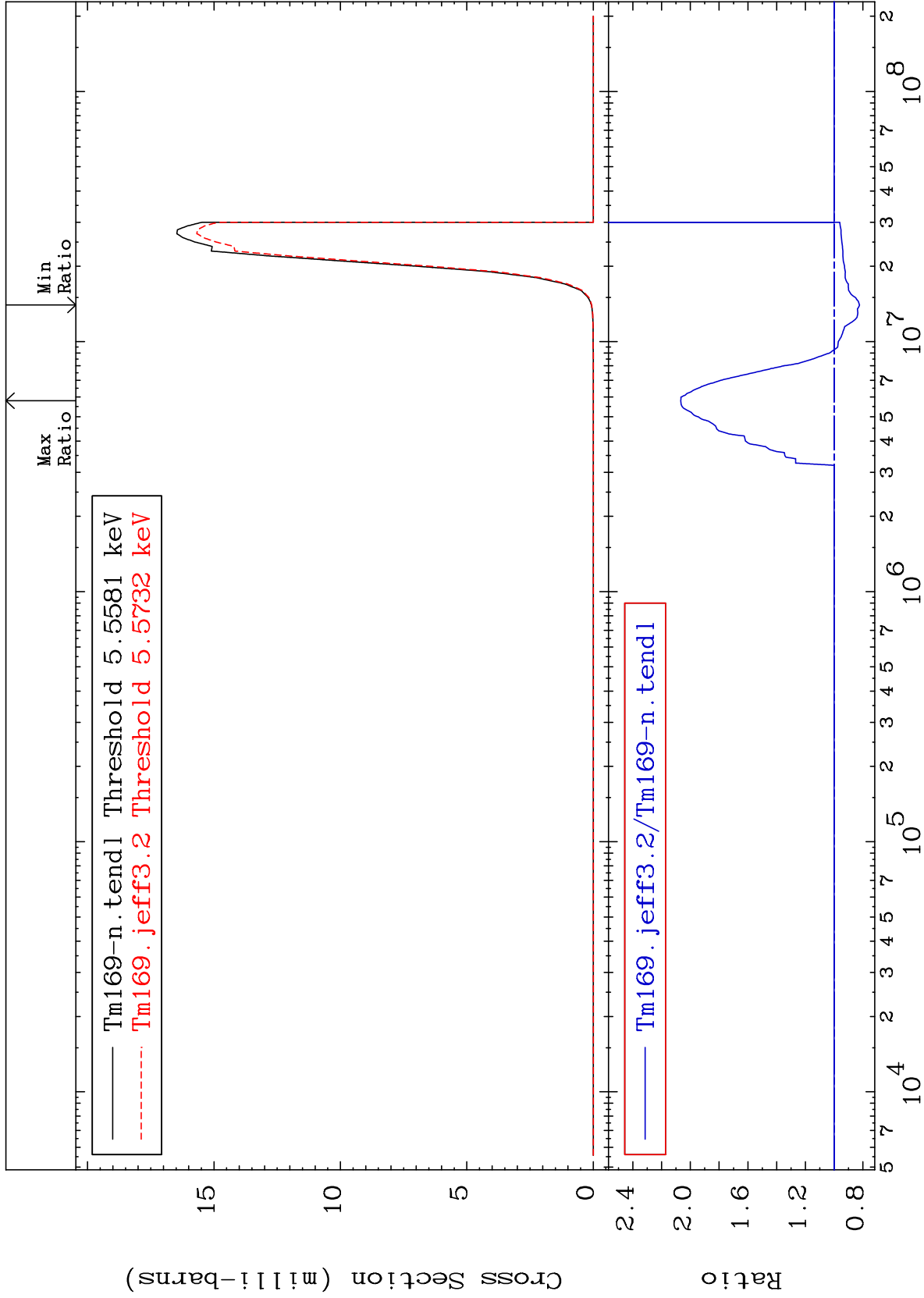
MAT 6925

(n, n') α

Cross Section

69-Tm-169

-17.69 To 106.7 %



7

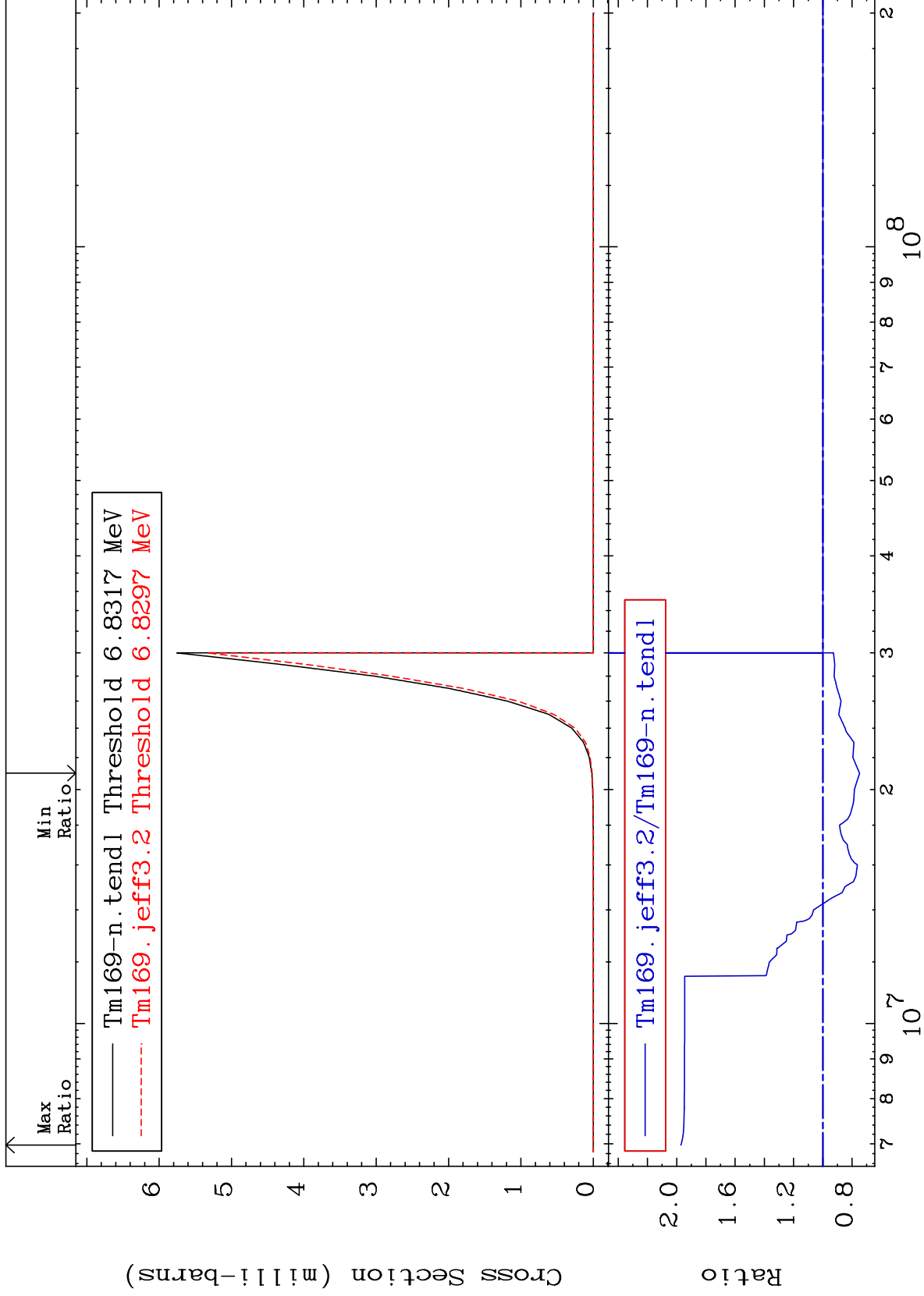
Incident Energy (eV)

69-Tm-169

MAT 6925

(n,2n) α
Cross Section

69-Tm-169
-25.11 To 97.20 %



8

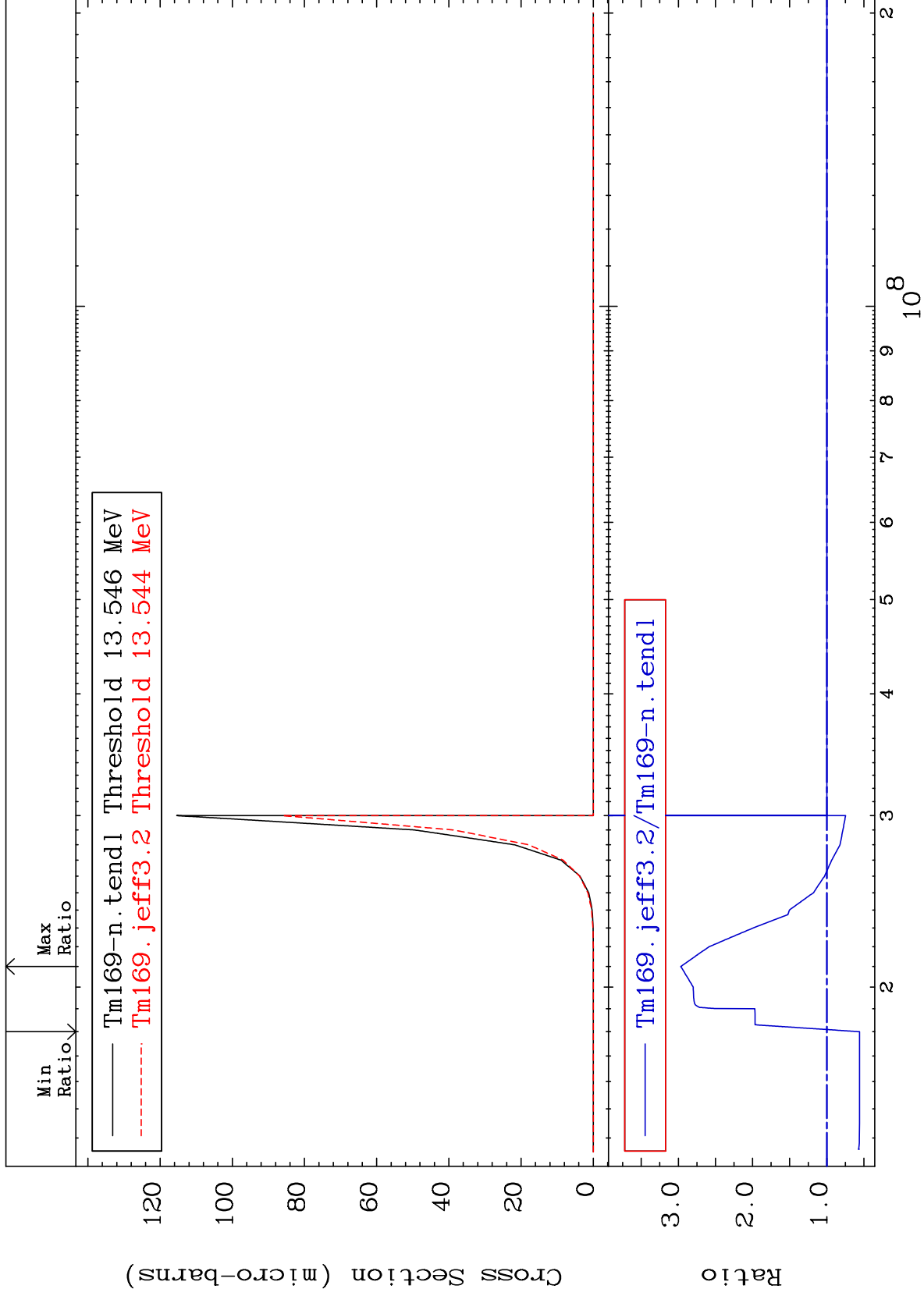
69-Tm-169

69-Tm-169

MAT 6925

(n,3n) α
Cross Section

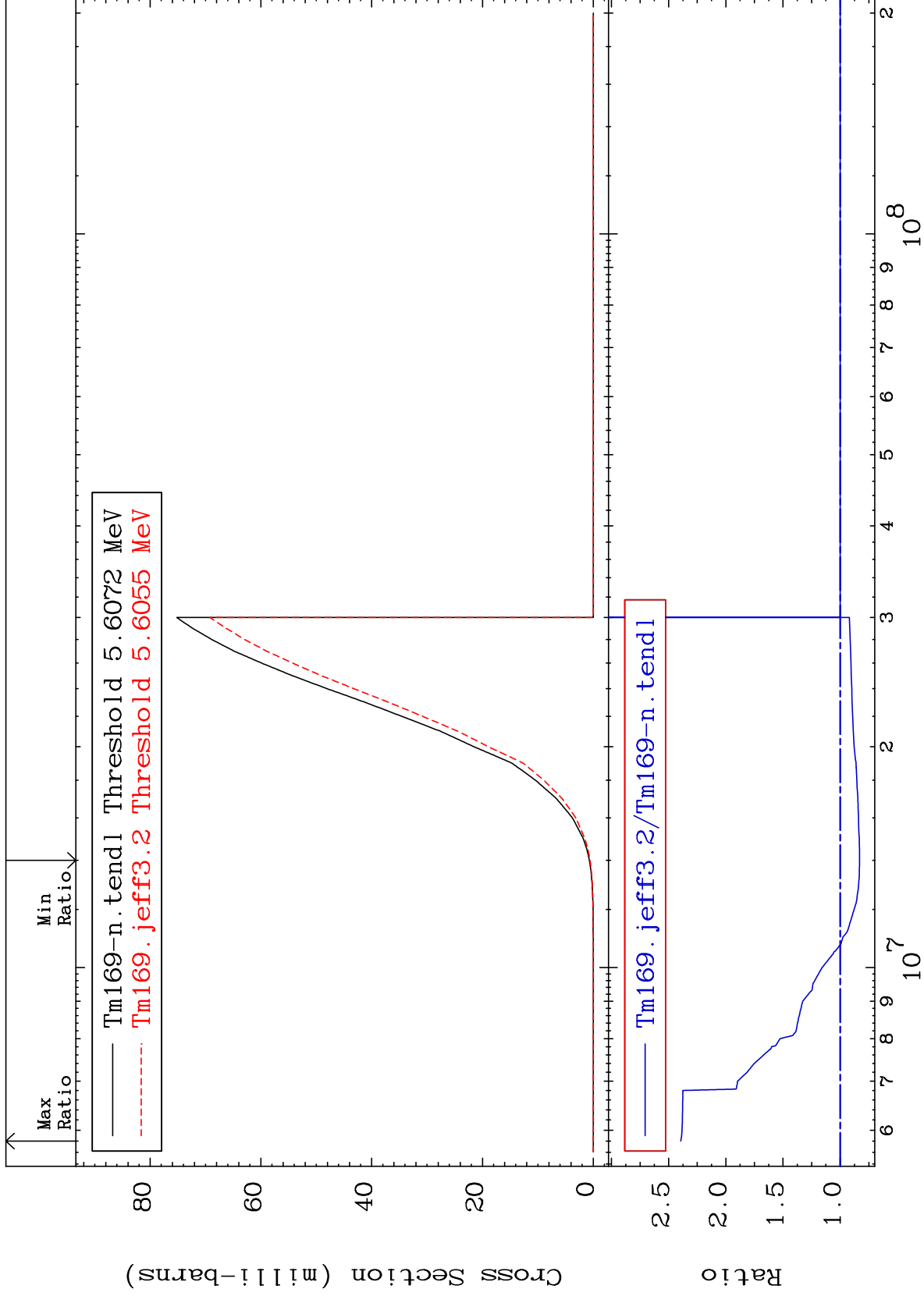
69-Tm-169
-44.11 To 196.7 %



MAT 6925

(n, n') p
Cross Section

69-Tm-169
-16.90 To 139.4 %



10

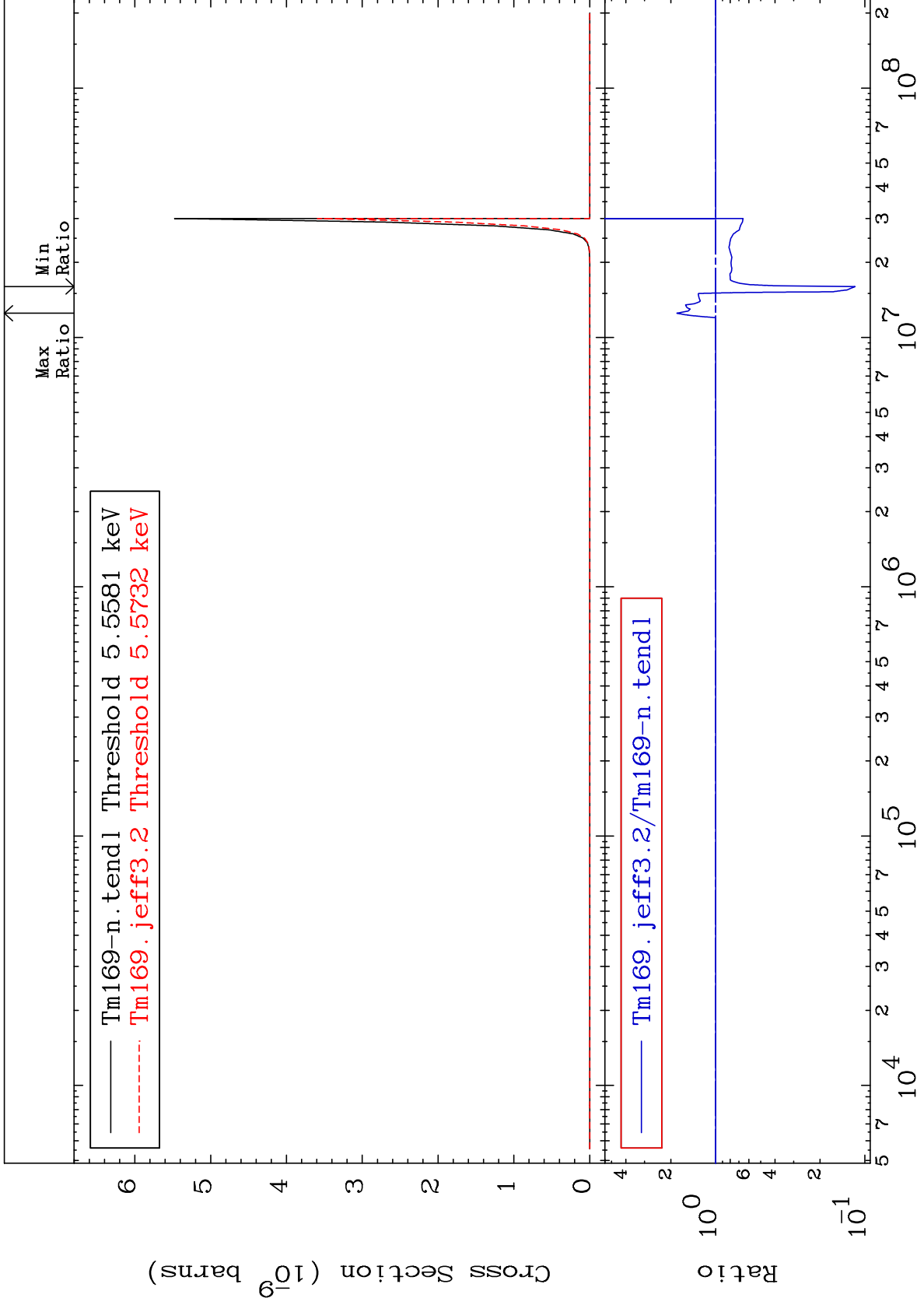
Incident Energy (eV)

69-Tm-169

MAT 6925

(n, n') 2α
Cross Section

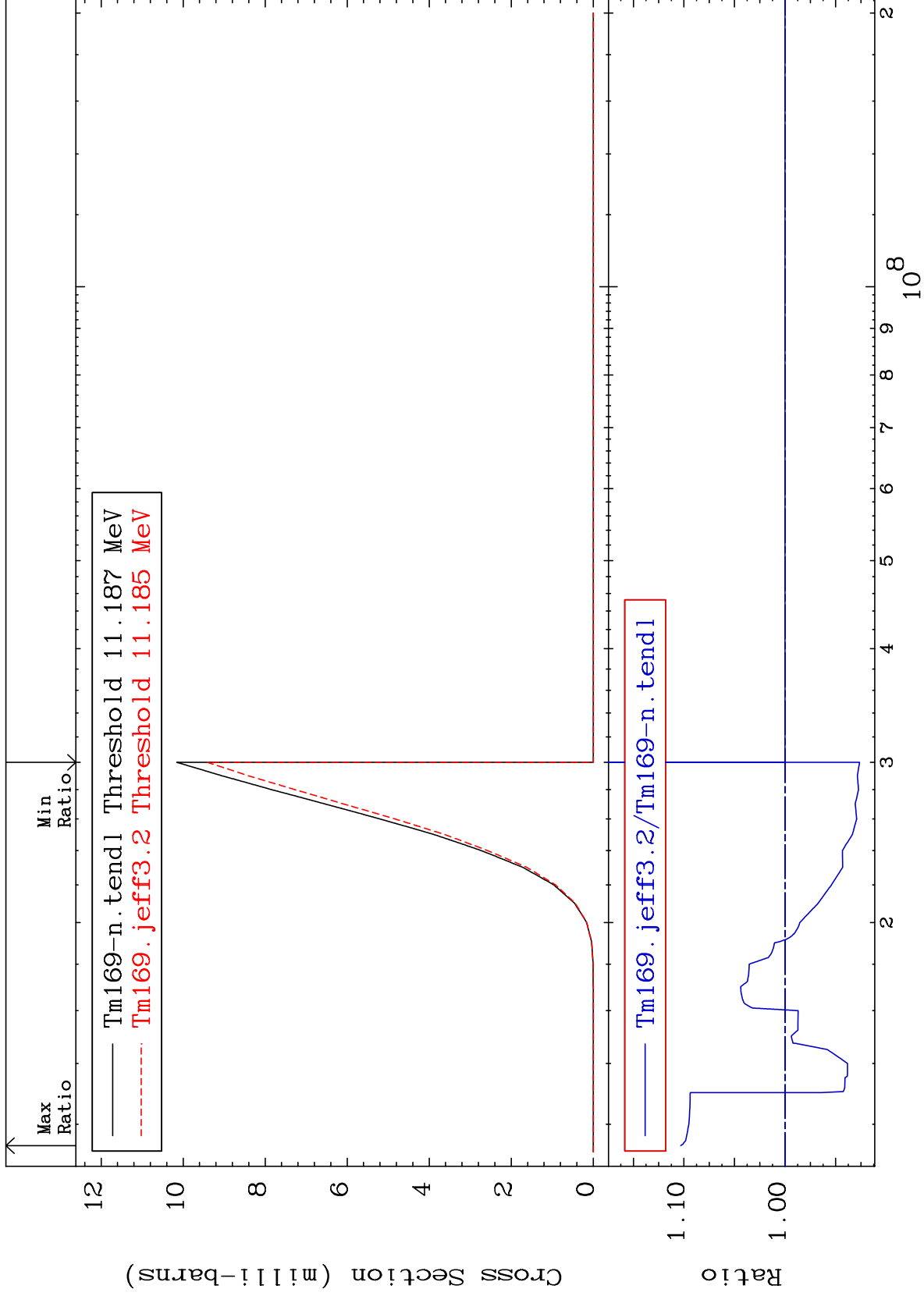
69-Tm-169
-88.37 To 81.99 %



MAT 6925

(n, n') d
Cross Section

69-Tm-169
-7.361 To 10.31 %



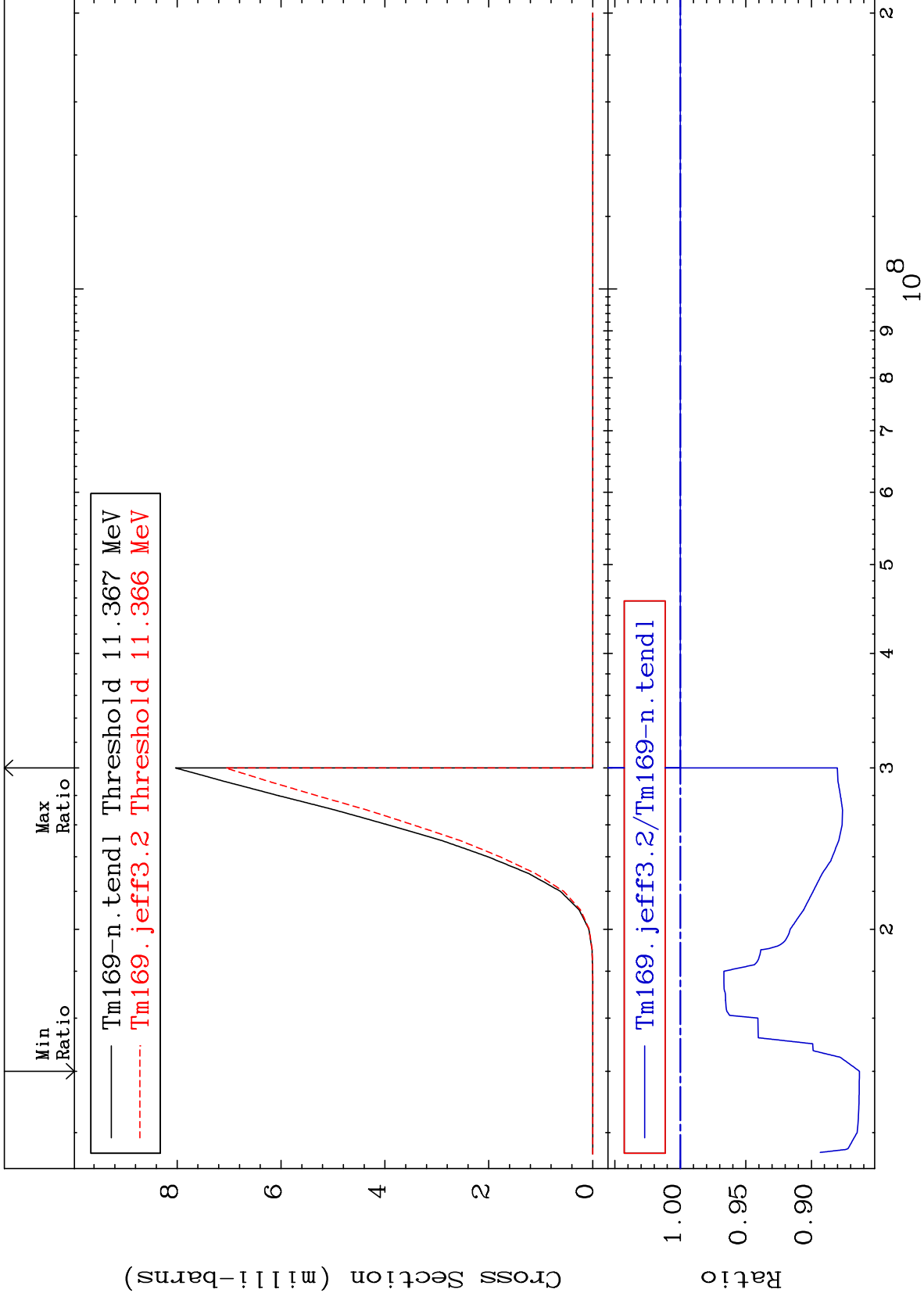
MAT 6925

(n, n') t

69-Tm-169

Cross Section

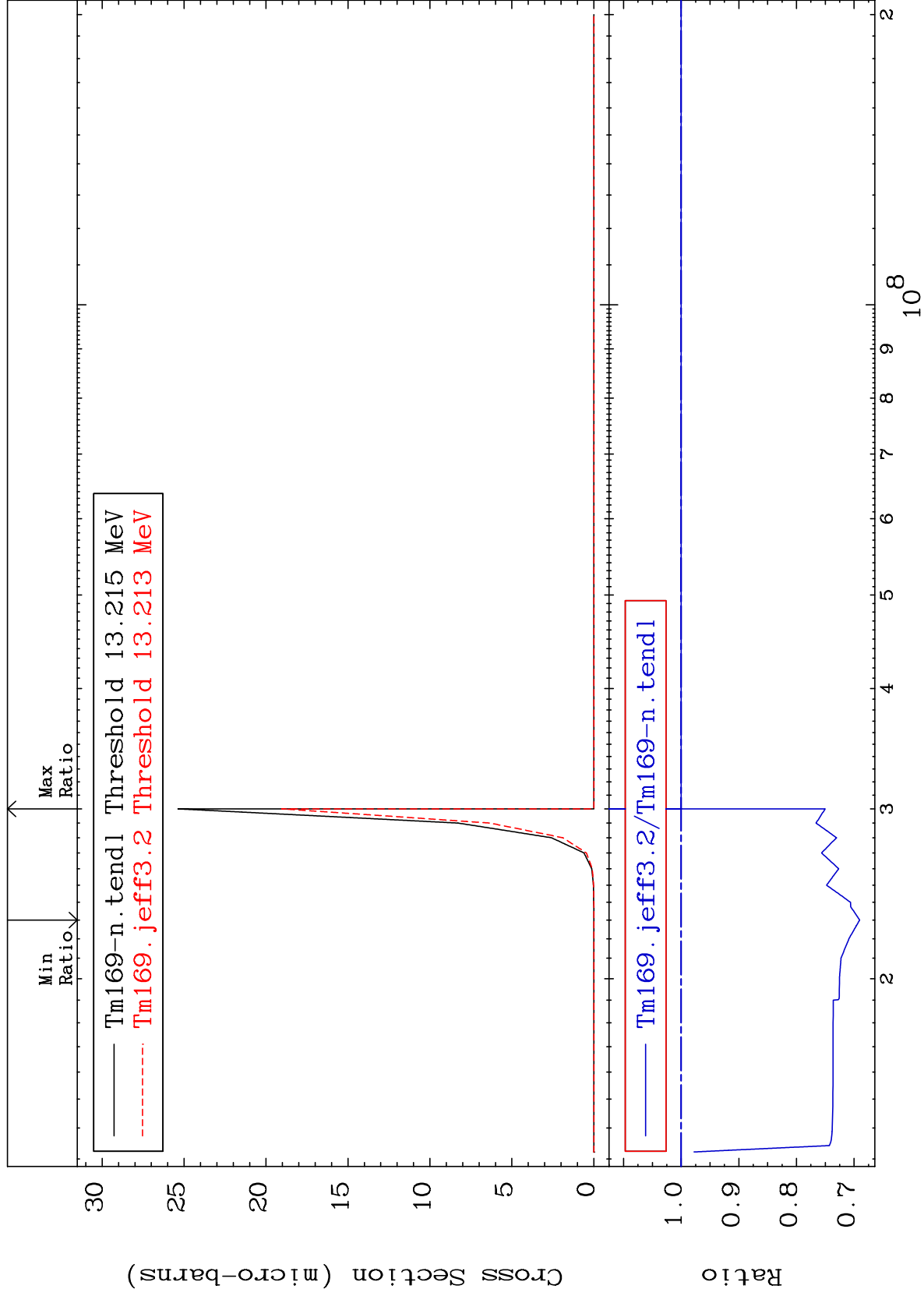
-13.67 To 0.000 %



MAT 6925

(n, n') He-3
Cross Section

69-Tm-169
-30.96 To 0.000 %



MAT 6925

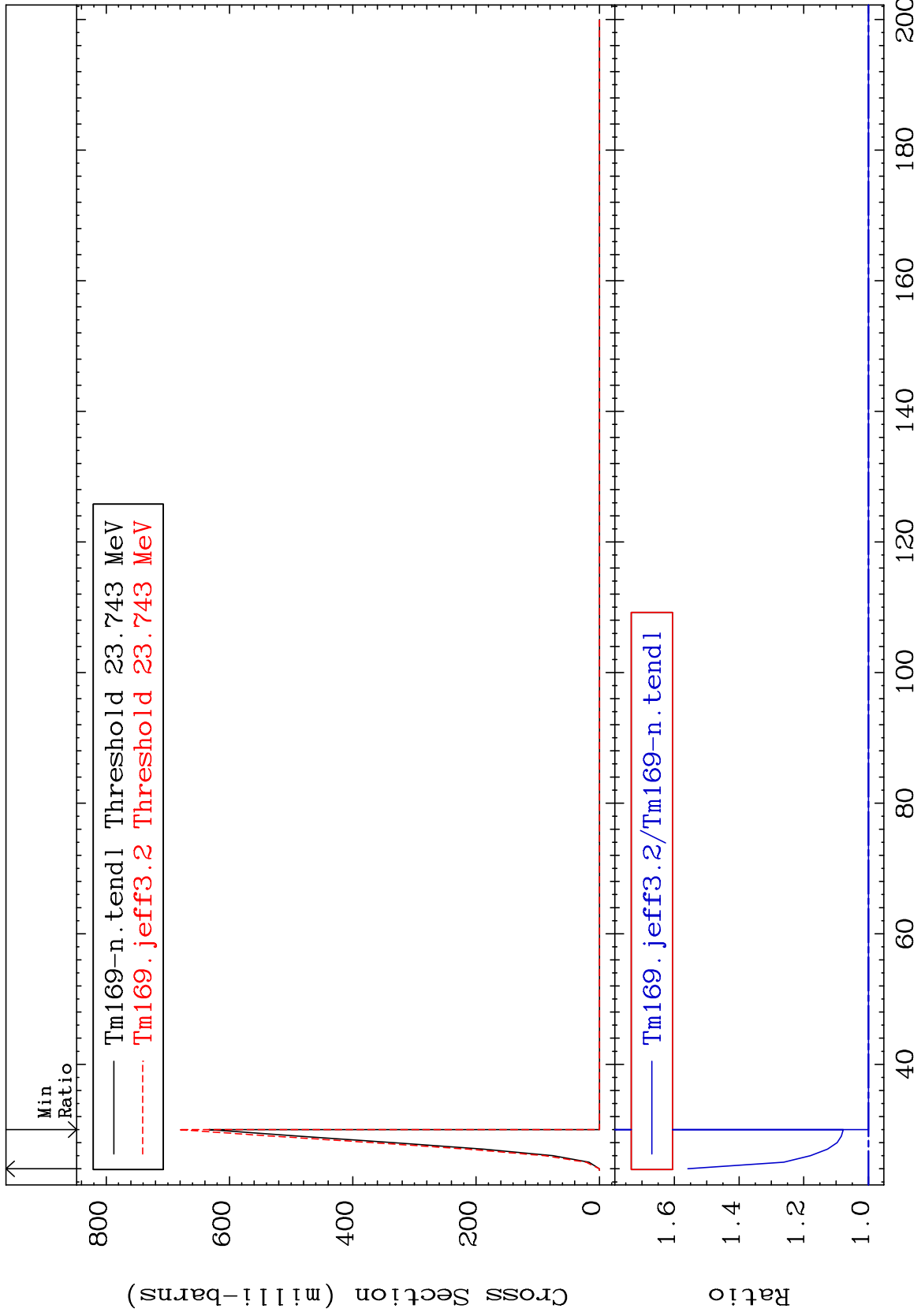
(n,4n)

69-Tm-169

Cross Section

0.000

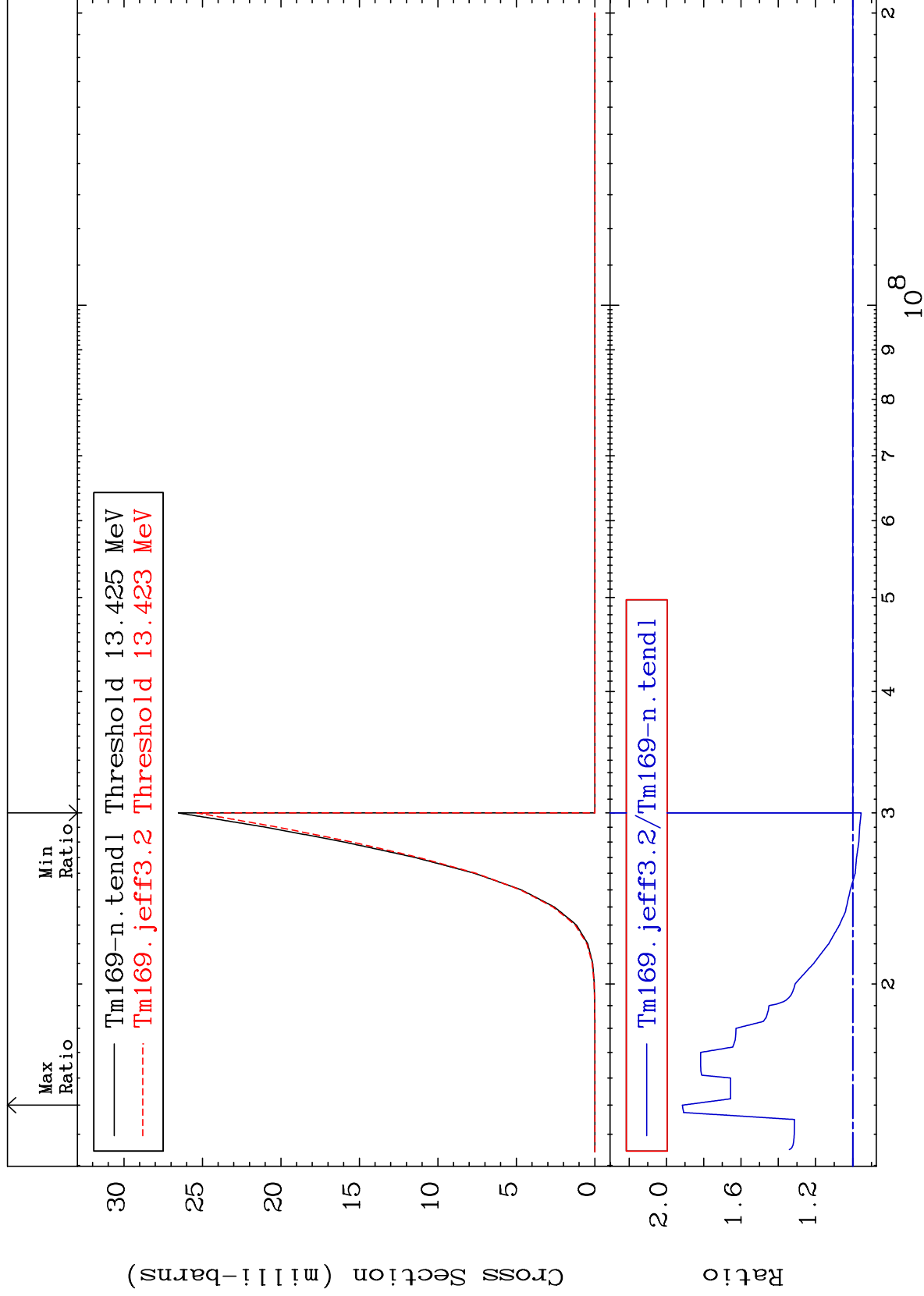
To 55.82 %



MAT 6925

(n,2n) p
Cross Section

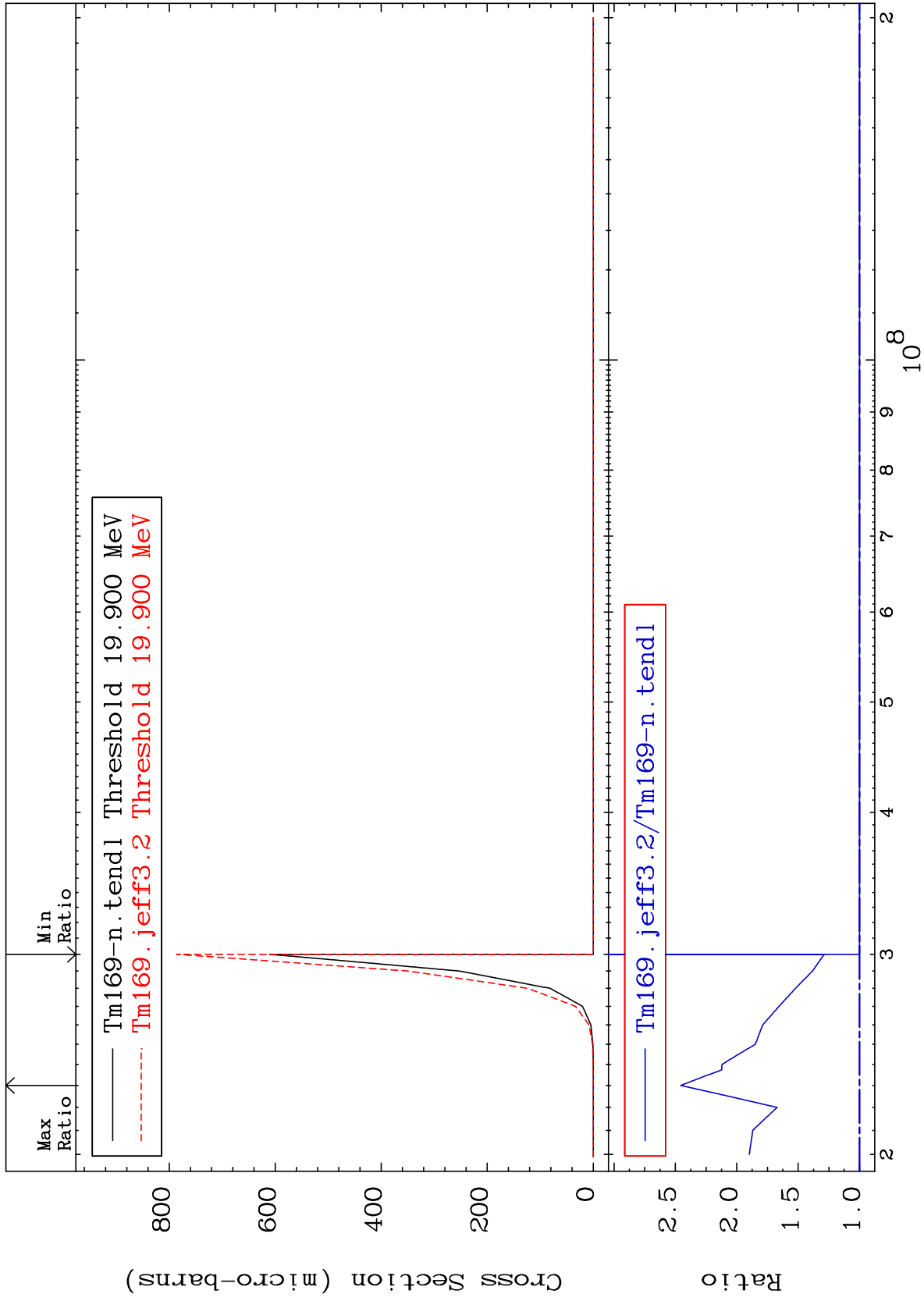
69-Tm-169
-4.453 To 91.46 %

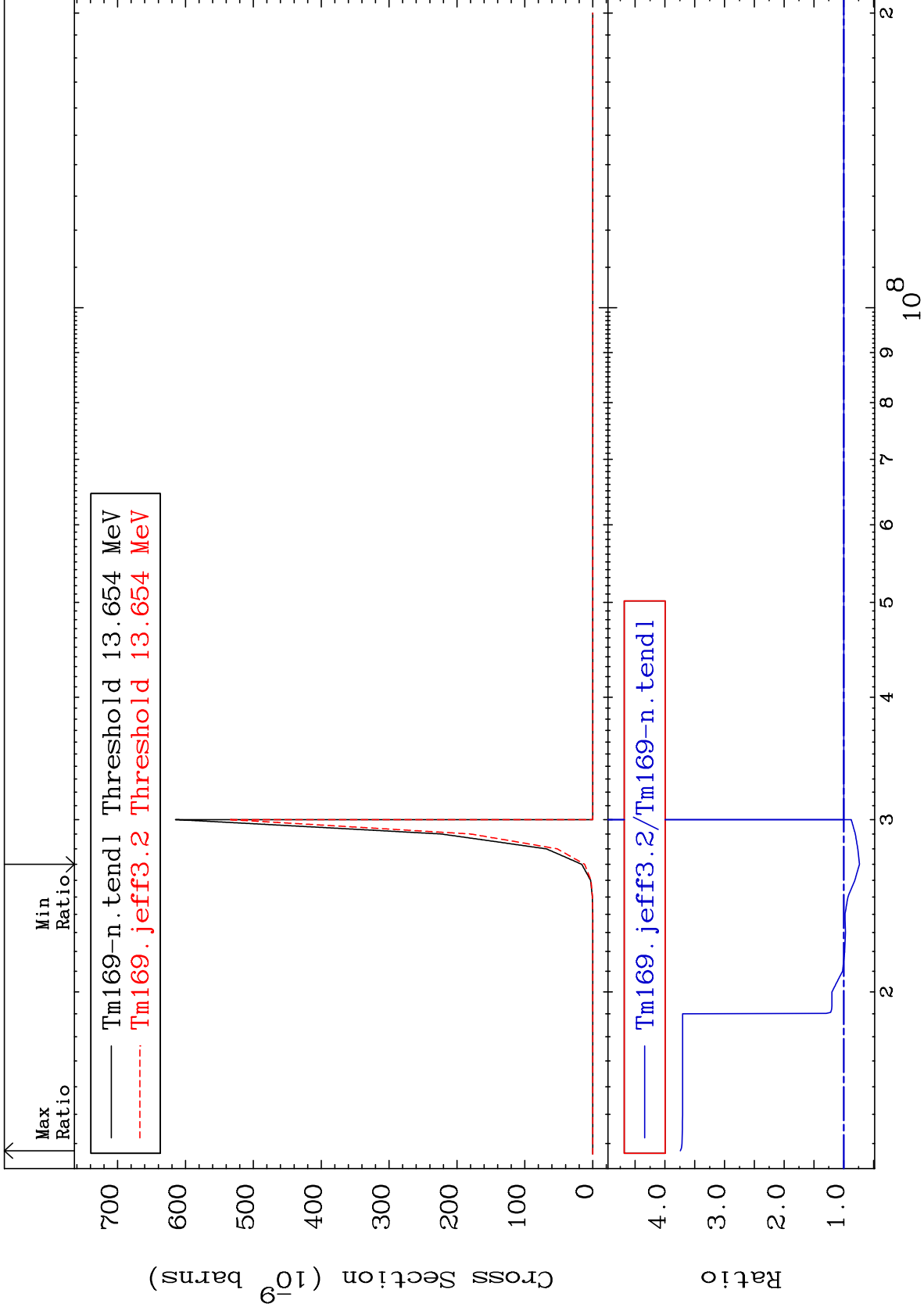


MAT 6925

(n,3n) p
Cross Section

69-Tm-169
To 145.6 %
0.000

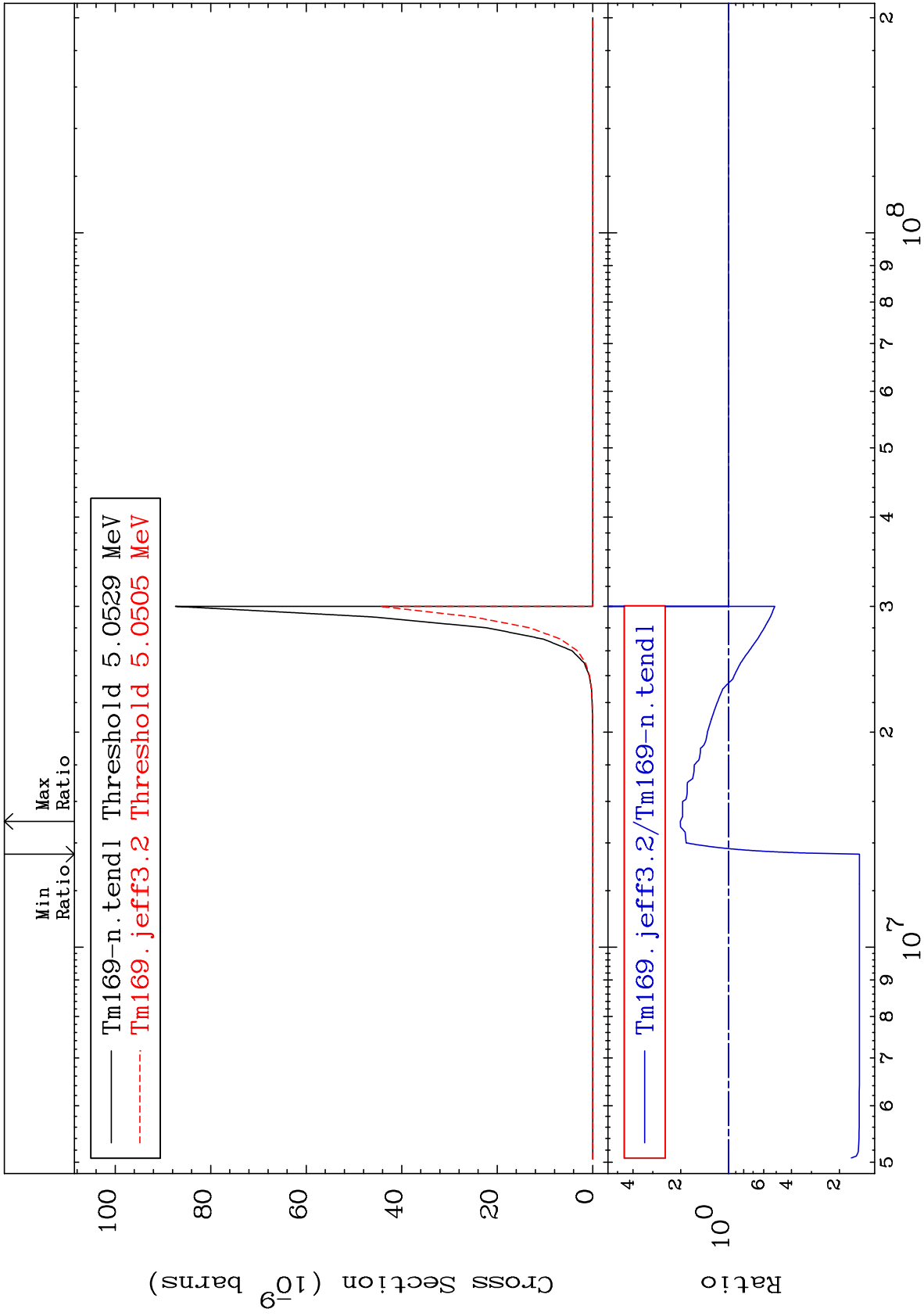




MAT 6925

(n,n') p α
Cross Section

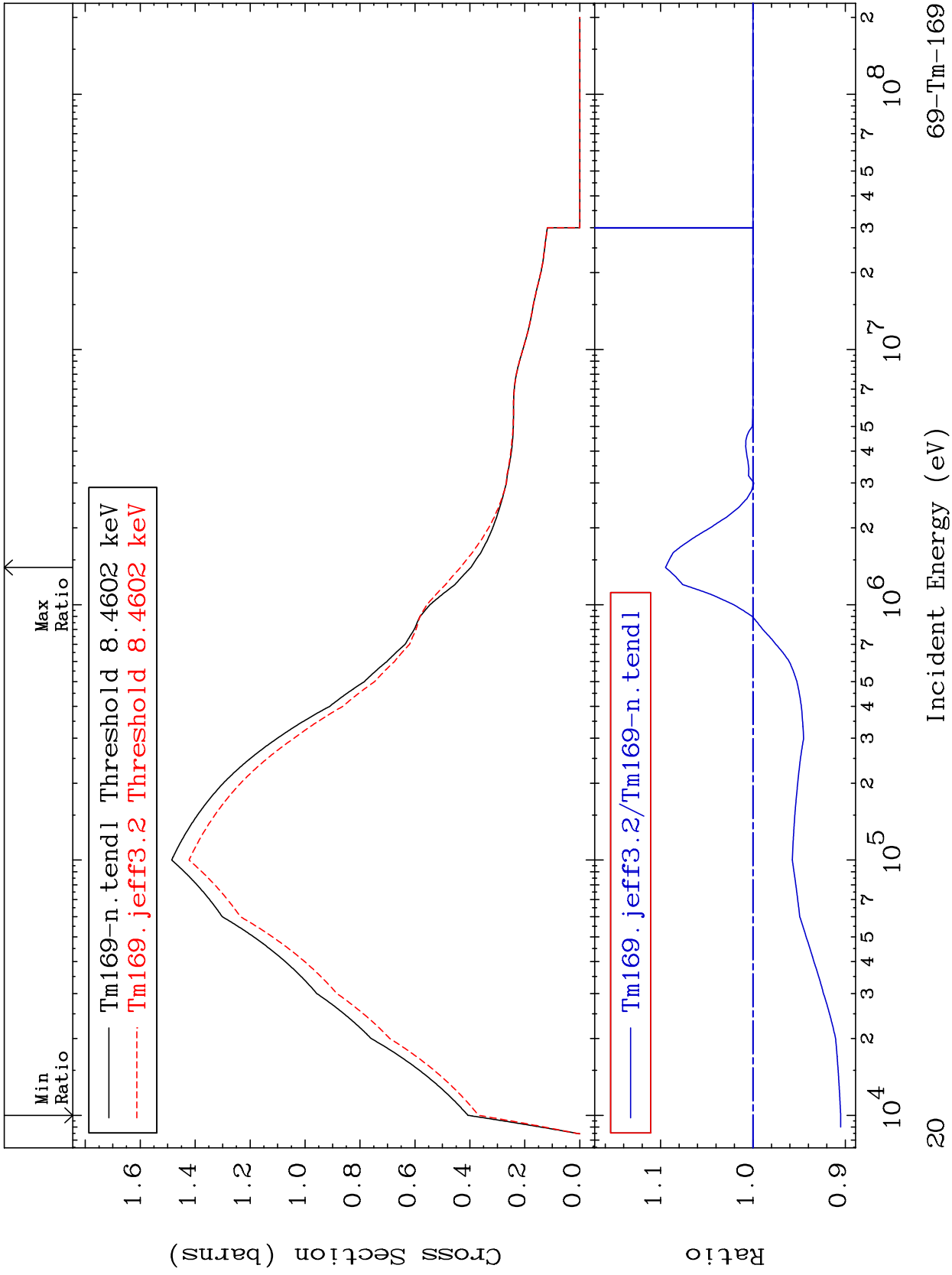
69-Tm-169
-85.07 To 100.9 %



MAT 6925

8.410 keV (n,n') Level
Cross Section

69-Tm-169
-9.497 To 9.471 %



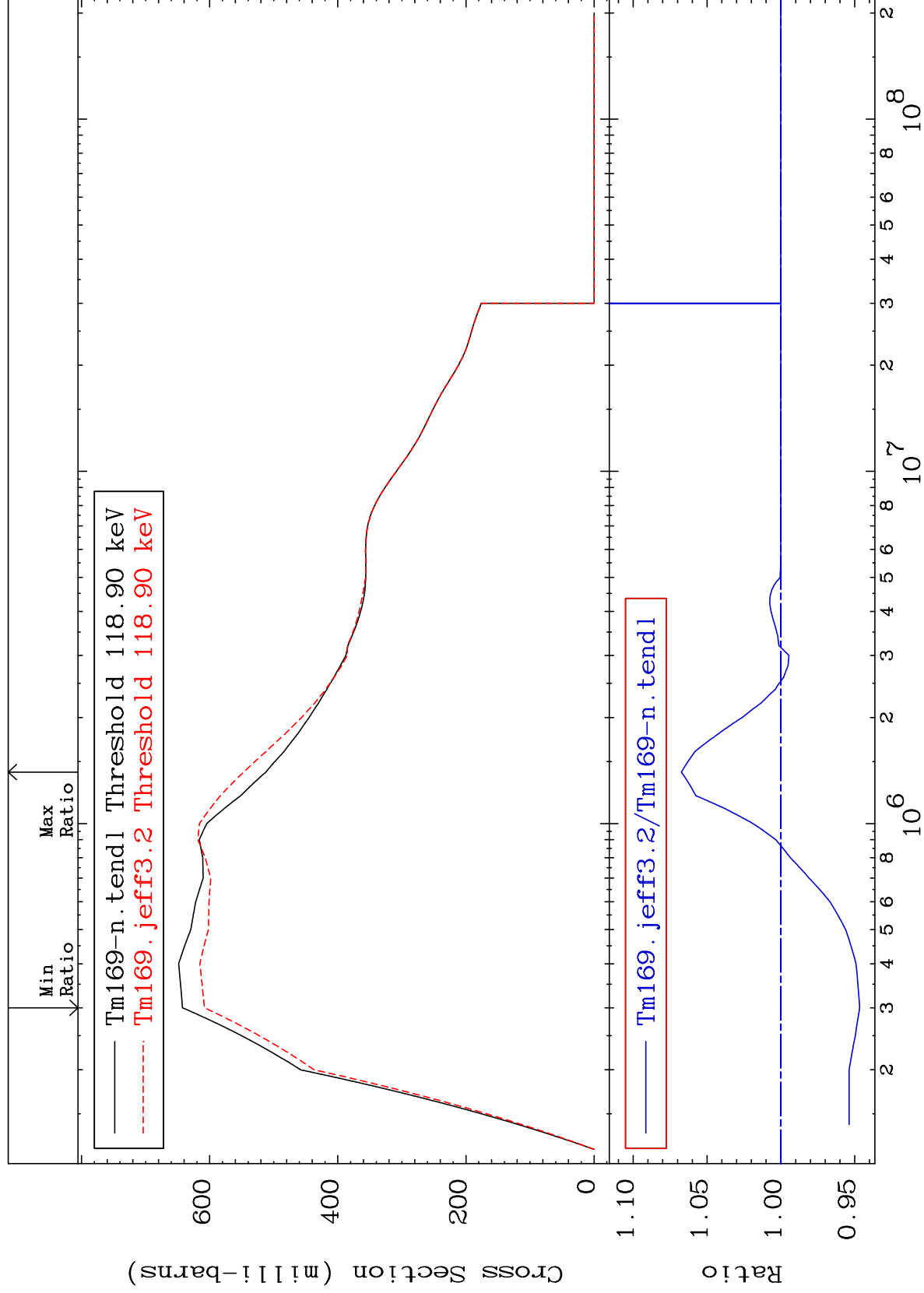
MAT 6925

118.2 keV (n,n') Level

69-Tm-169

-5.336 To 6.738 %

Cross Section



21

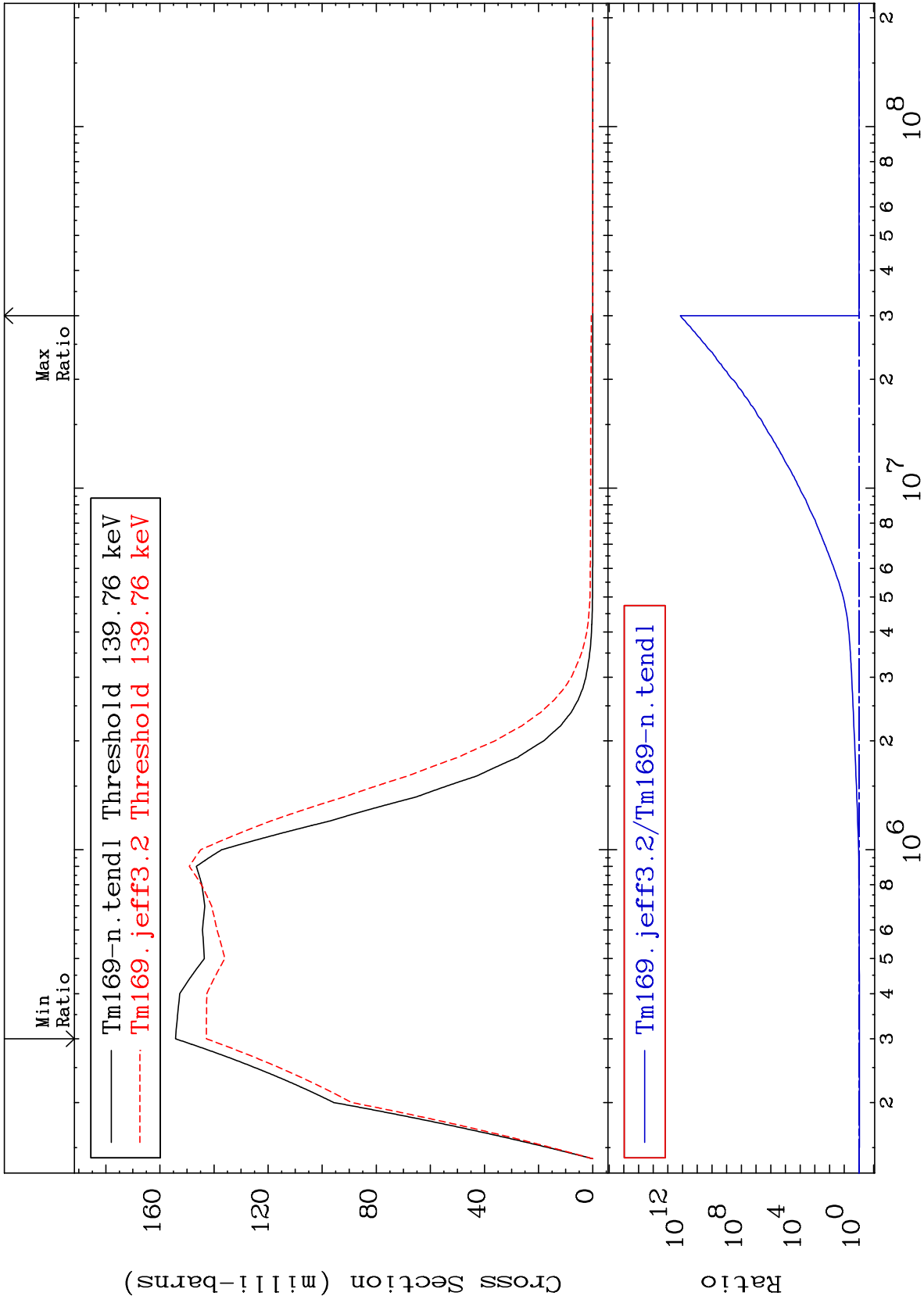
Incident Energy (eV)

69-Tm-169

MAT 6925

138.9 keV (n,n') Level
Cross Section

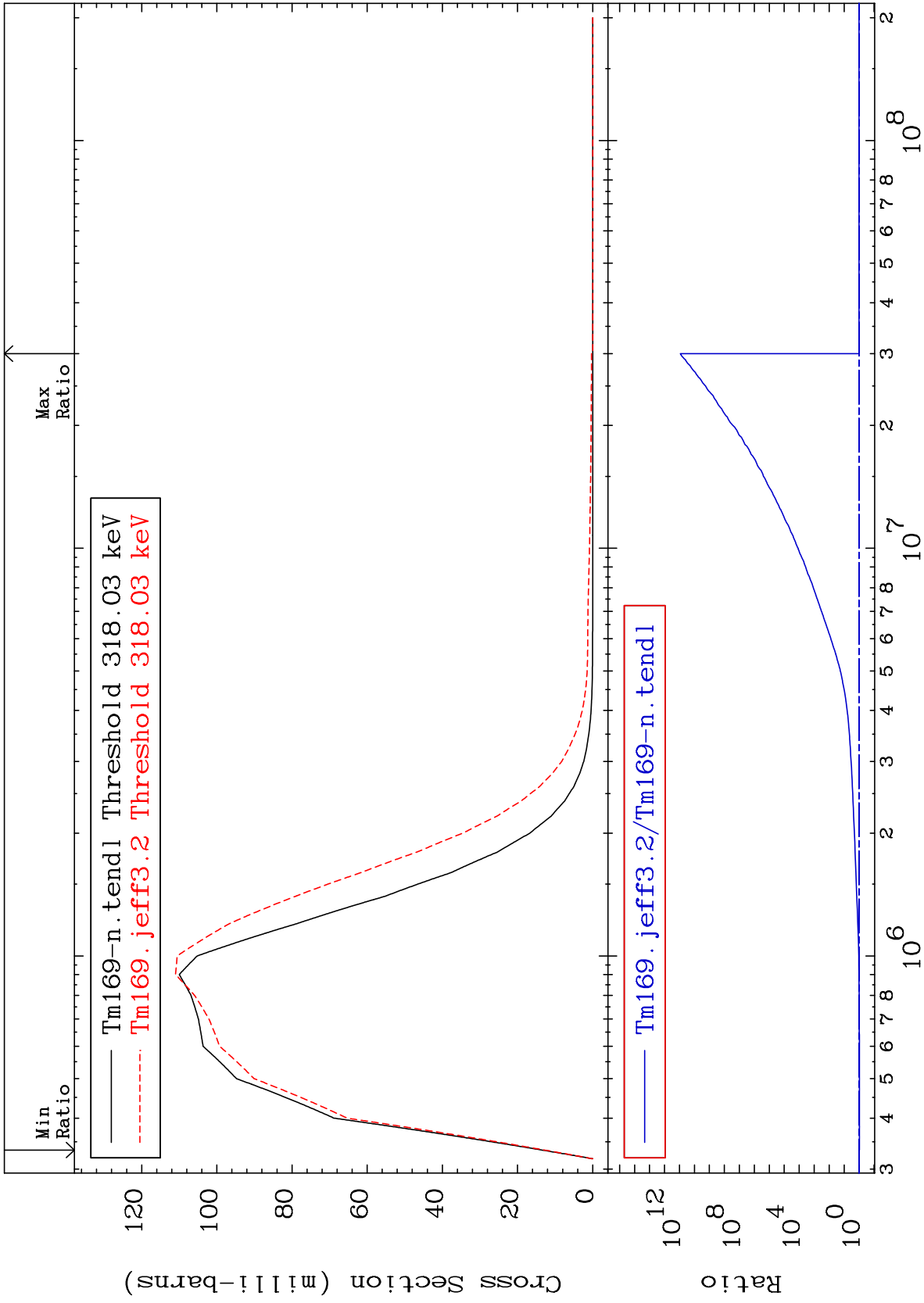
69-Tm-169
-7.388 To 9999. %



MAT 6925

316.1 keV (n,n') Level
Cross Section

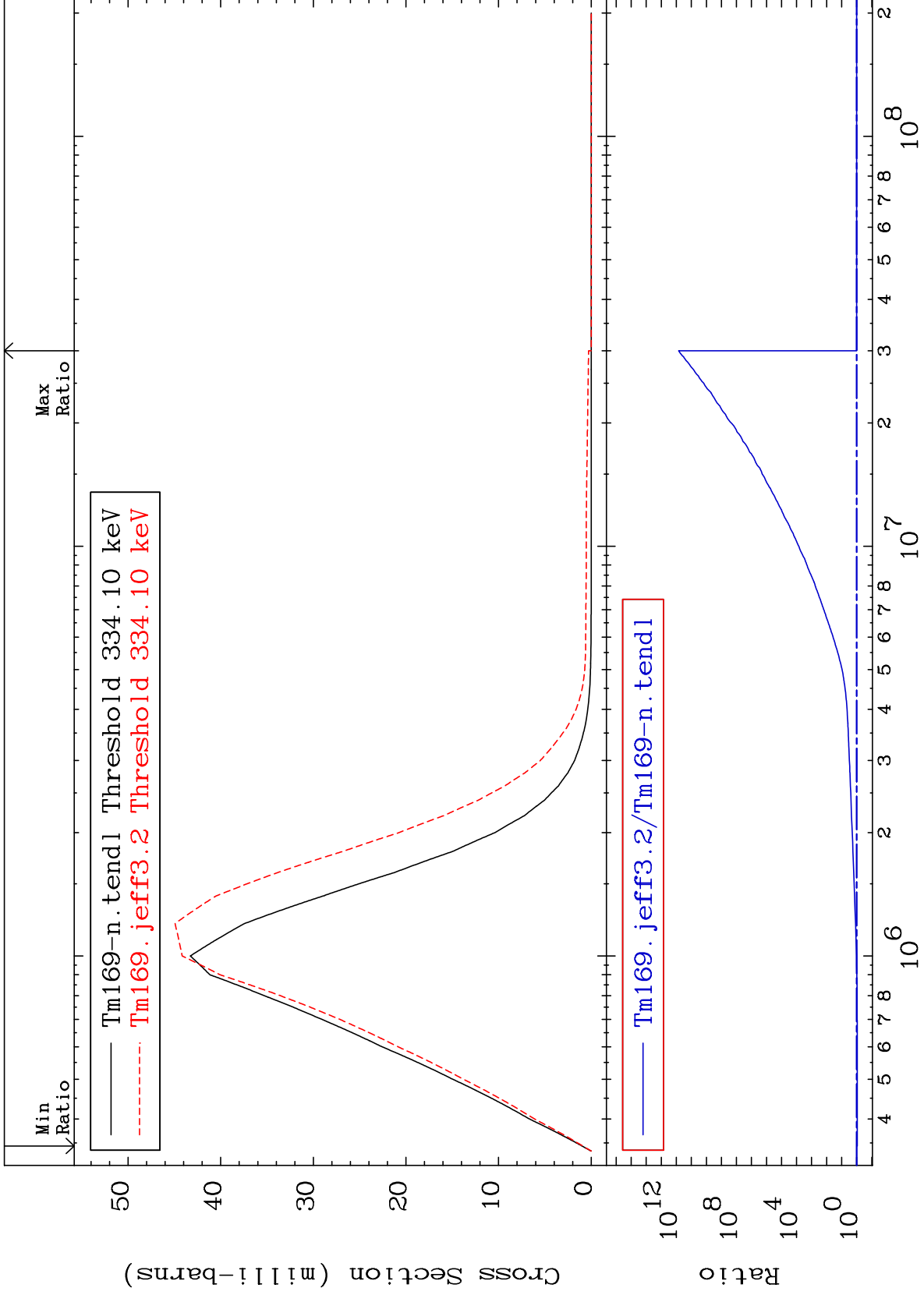
69-Tm-169
-5.055 To 9999. %



MAT 6925

332.1 keV (n,n') Level
Cross Section

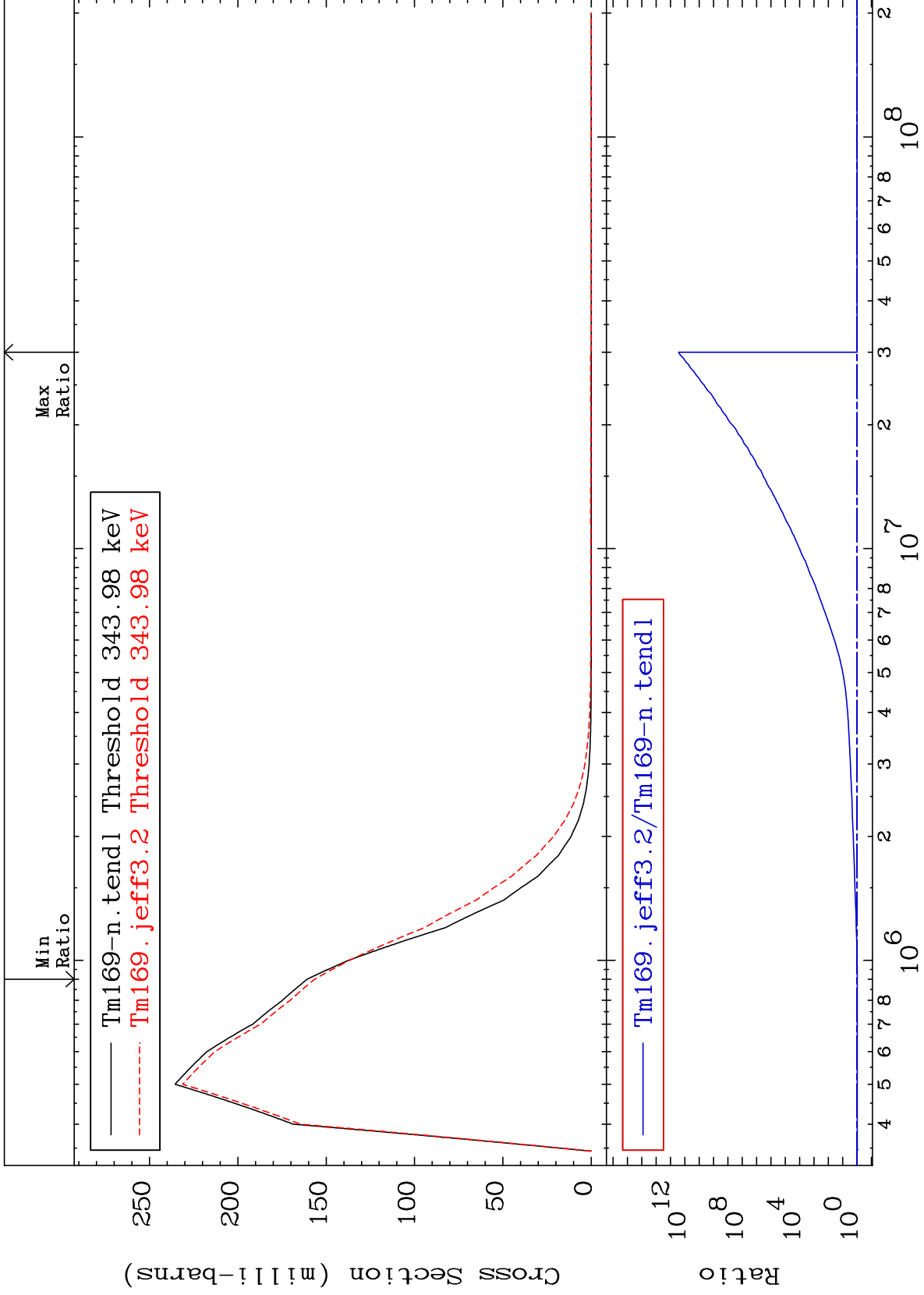
69-Tm-169
-8.223 To 9999. %



MAT 6925

341.9 keV (n,n') Level
Cross Section

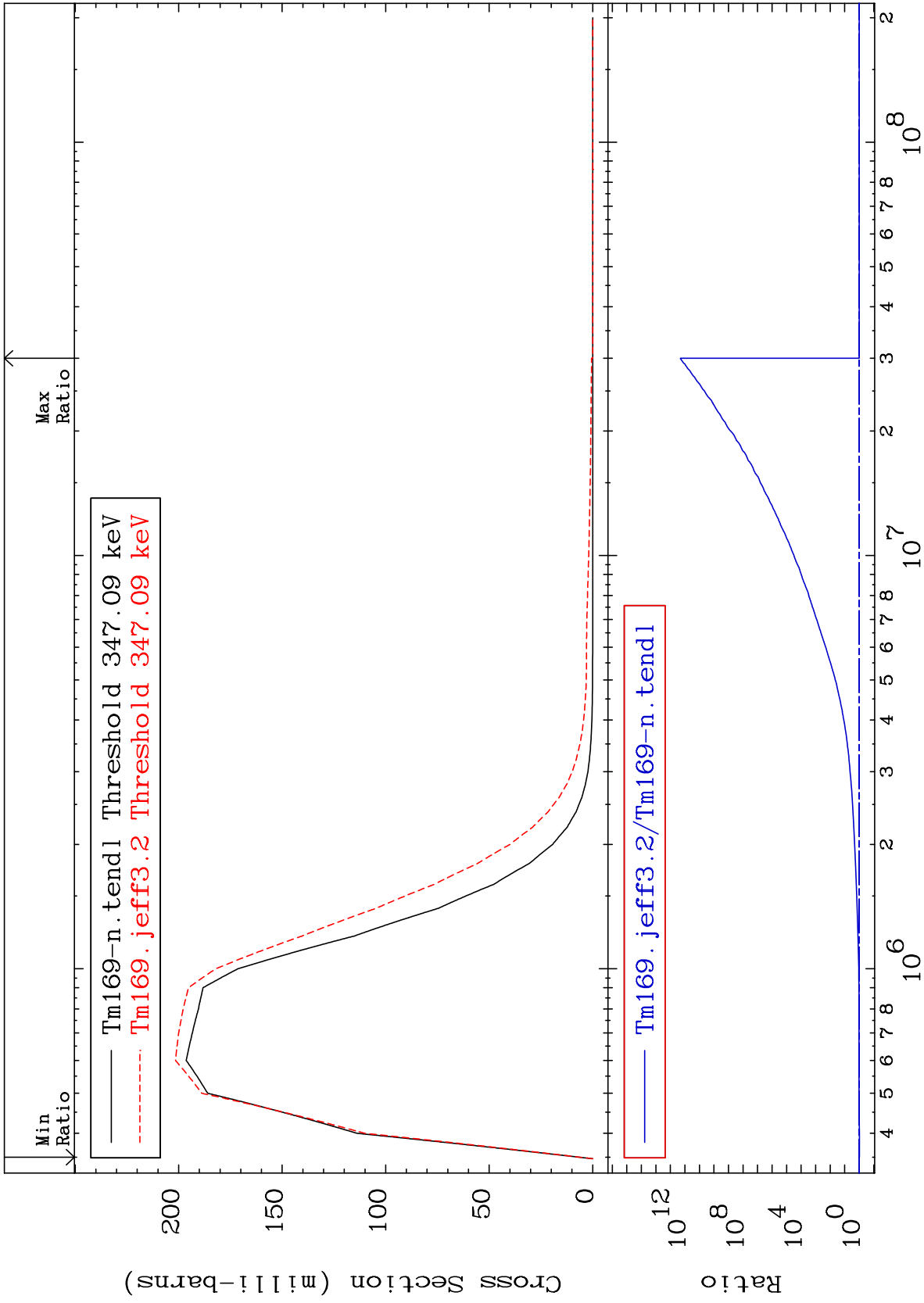
69-Tm-169
-2.672 To 9999. %



MAT 6925

345.0 keV (n,n') Level
Cross Section

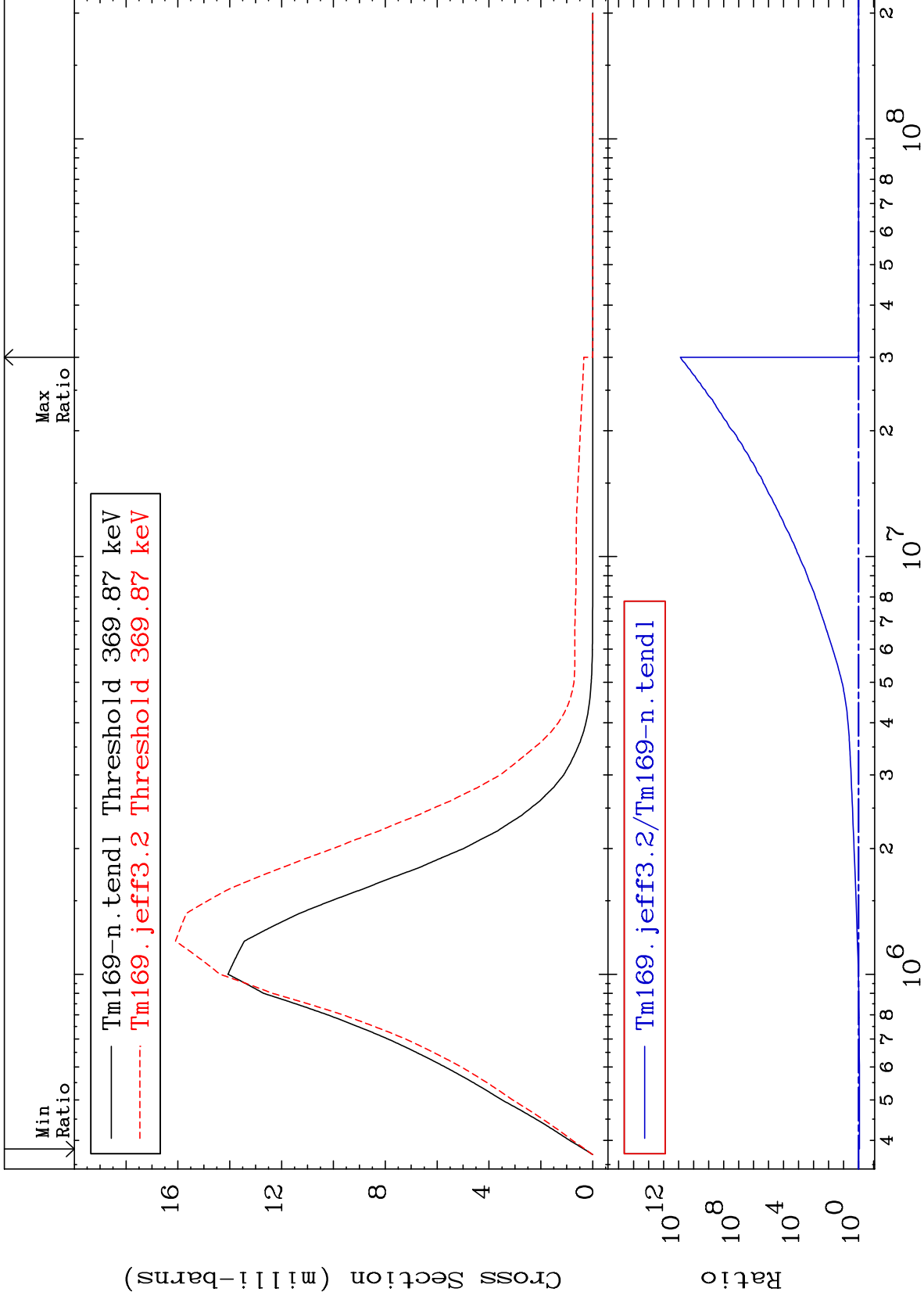
69-Tm-169
-3.474 To 9999. %



MAT 6925

367.7 keV (n,n') Level
Cross Section

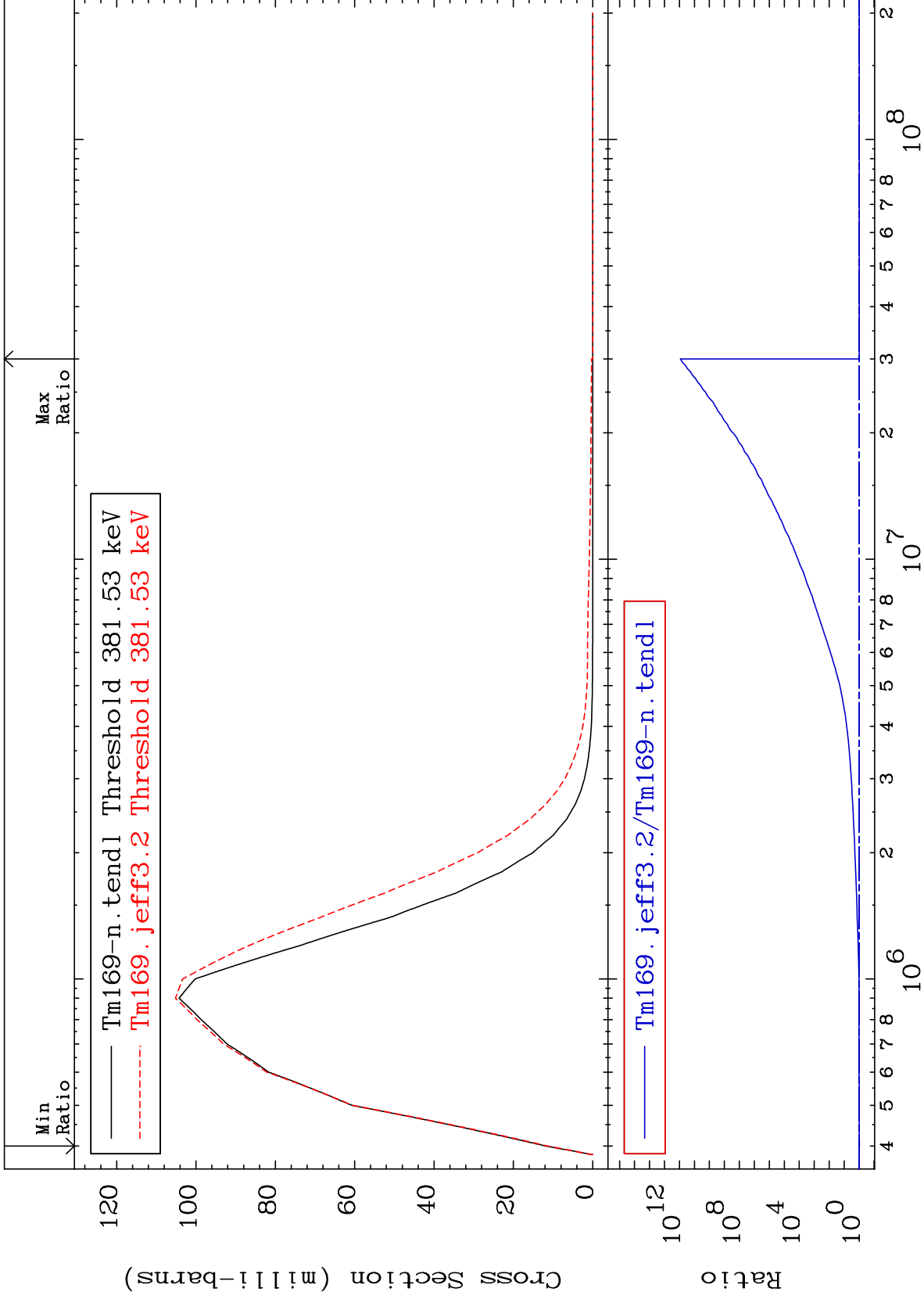
69-Tm-169
-12.25 To 9999. %



MAT 6925

379.3 keV (n,n') Level
Cross Section

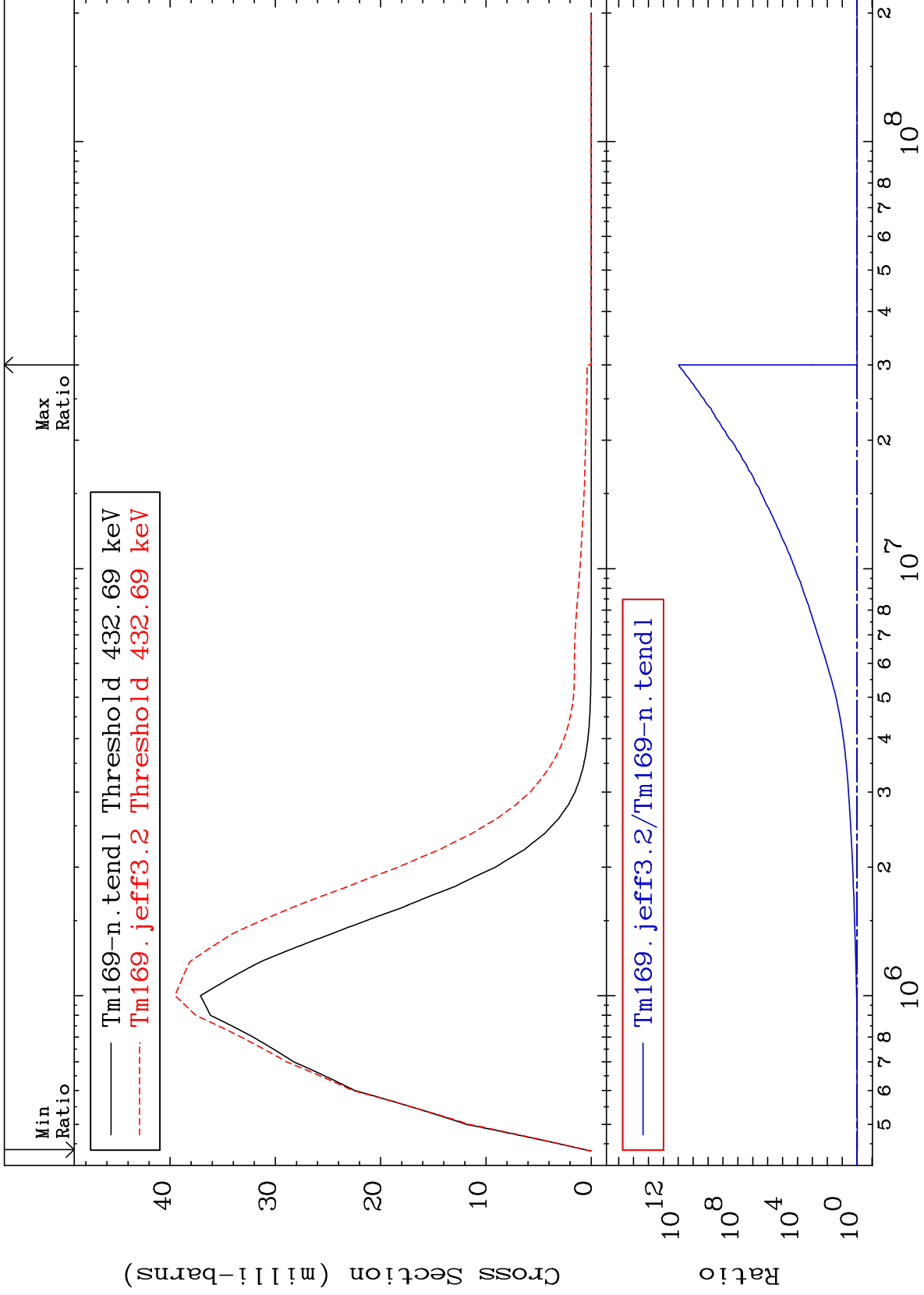
69-Tm-169
-4.348 To 9999. %



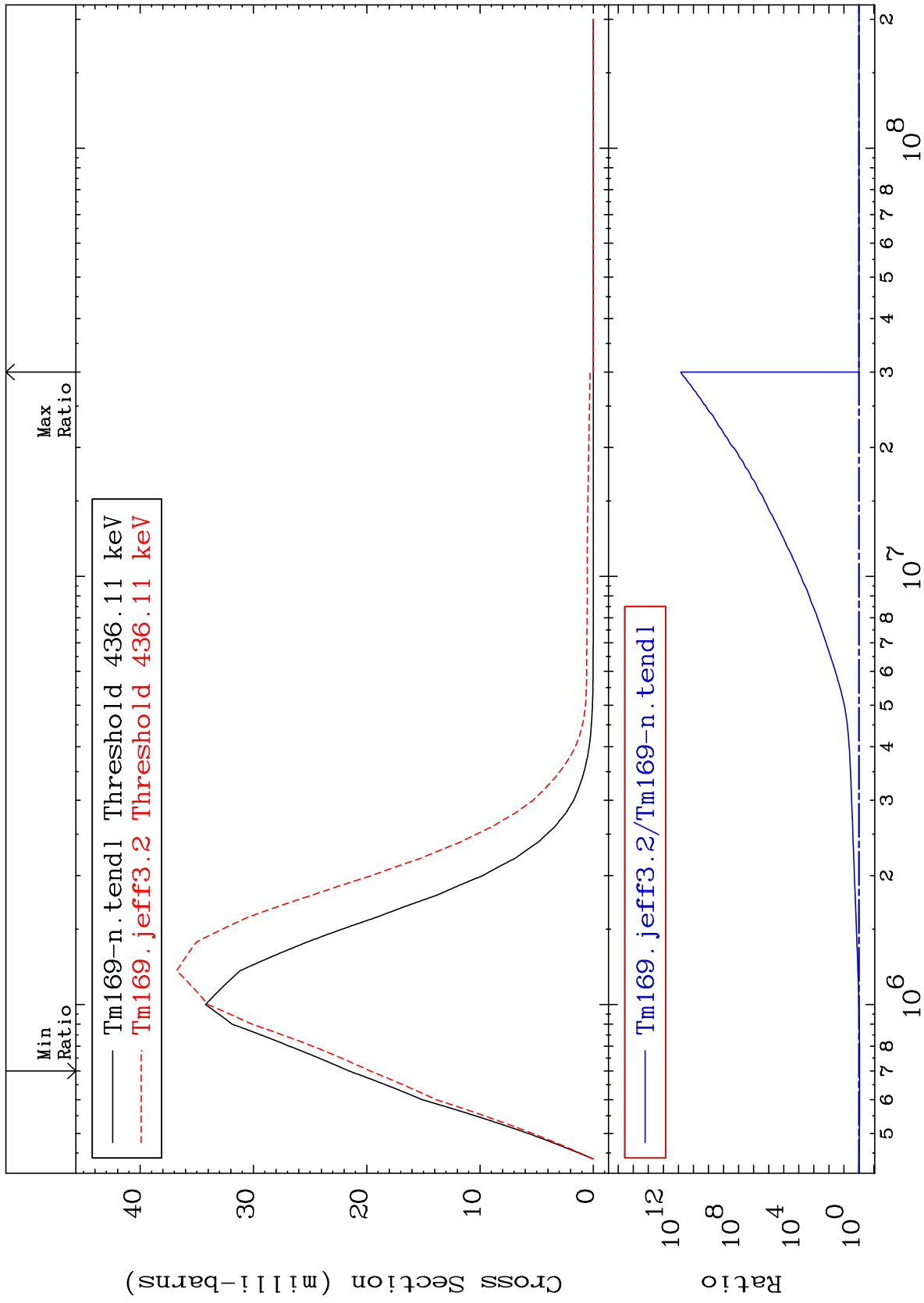
MAT 6925

430.1 keV (n,n') Level
Cross Section

69-Tm-169
-2.332 To 9999. %



MAT 6925 69-Tm-169
 433.5 keV (n,n') Level -8.690 To 9999. %
 Cross Section

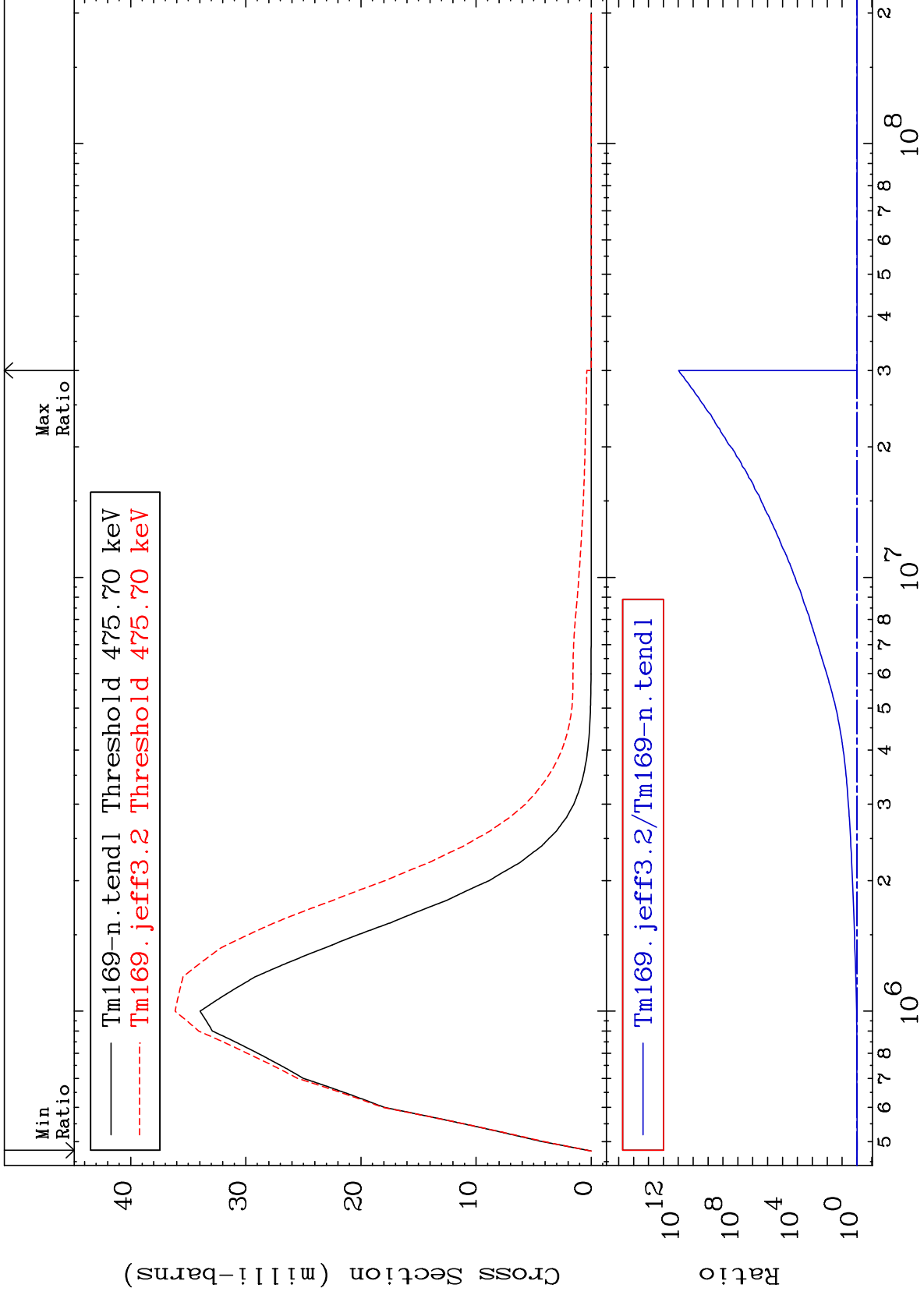


30 69-Tm-169

MAT 6925

472.9 keV (n,n') Level
Cross Section

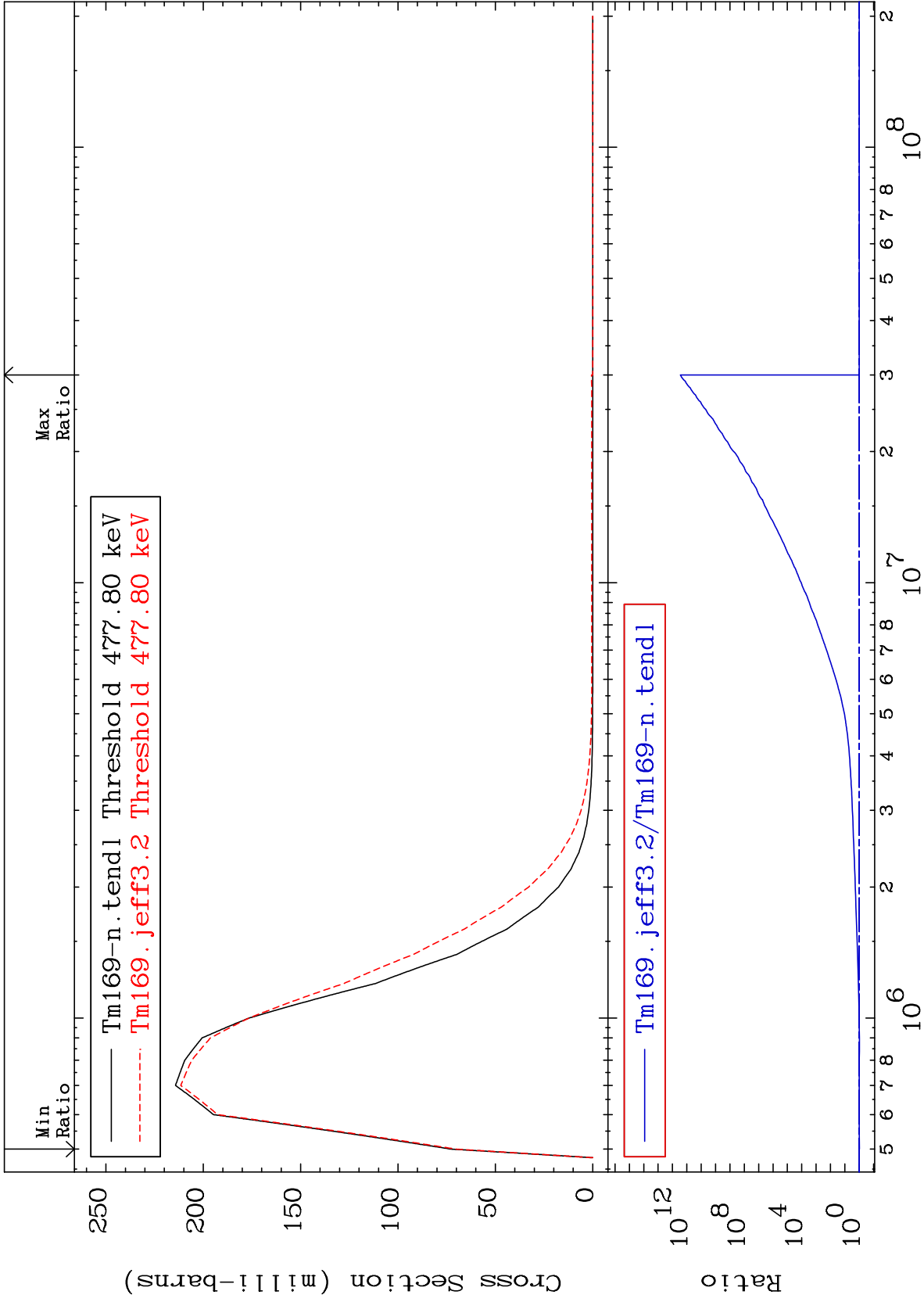
69-Tm-169
-4.050 To 9999. %



MAT 6925

475.0 keV (n,n') Level
Cross Section

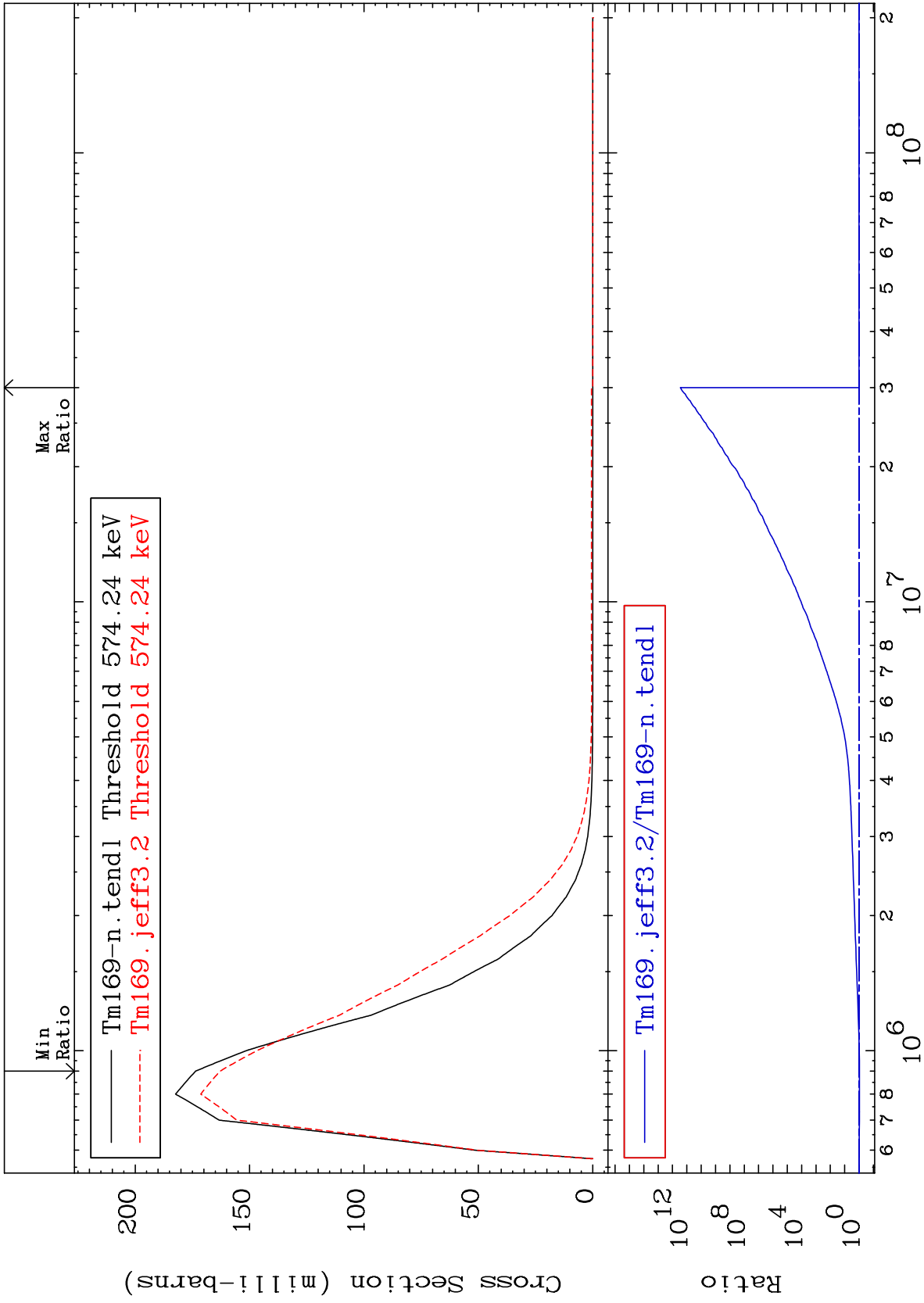
69-Tm-169
-3.437 To 9999. %



MAT 6925

570.8 keV (n,n') Level
Cross Section

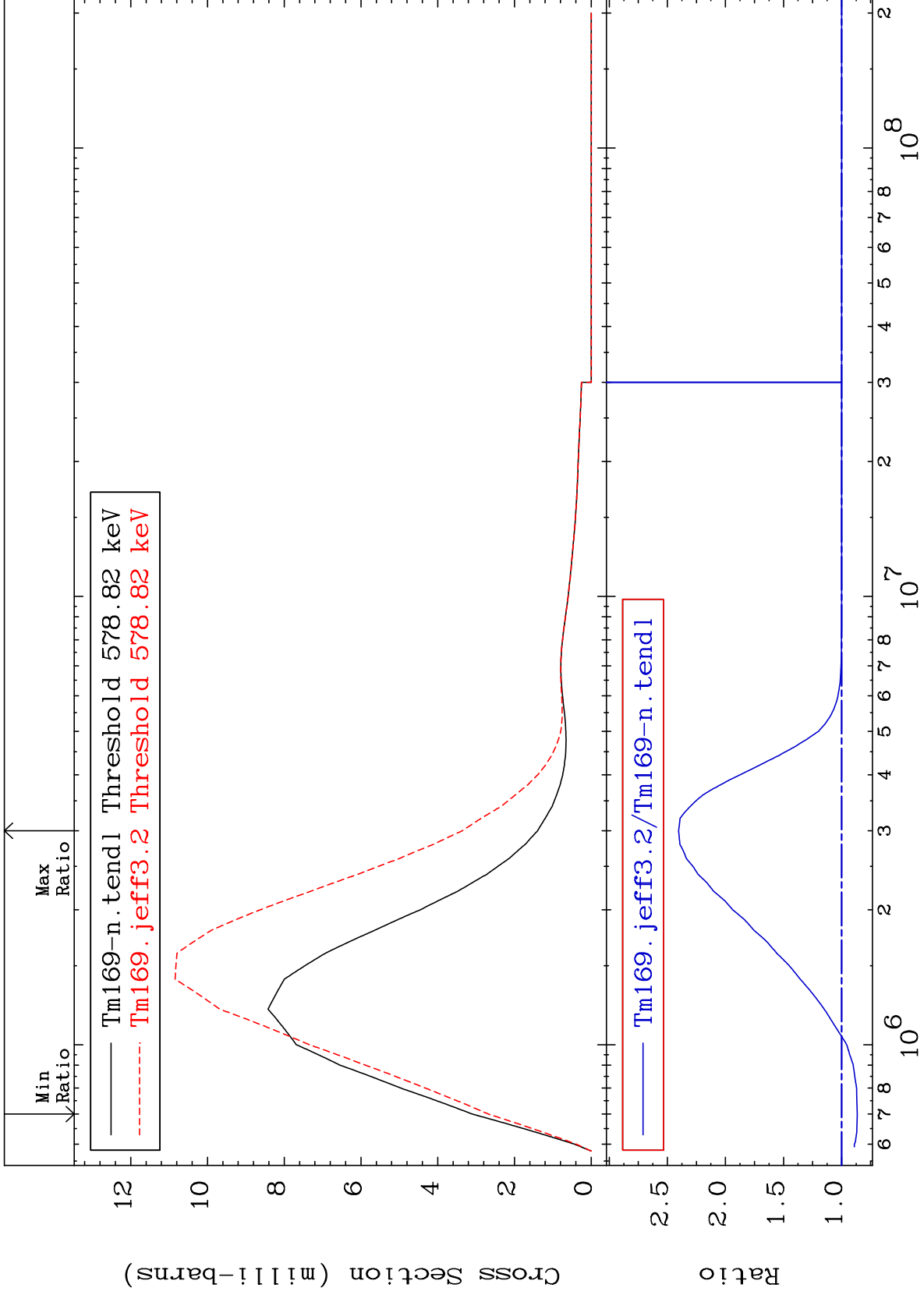
69-Tm-169
-6.131 To 9999. %



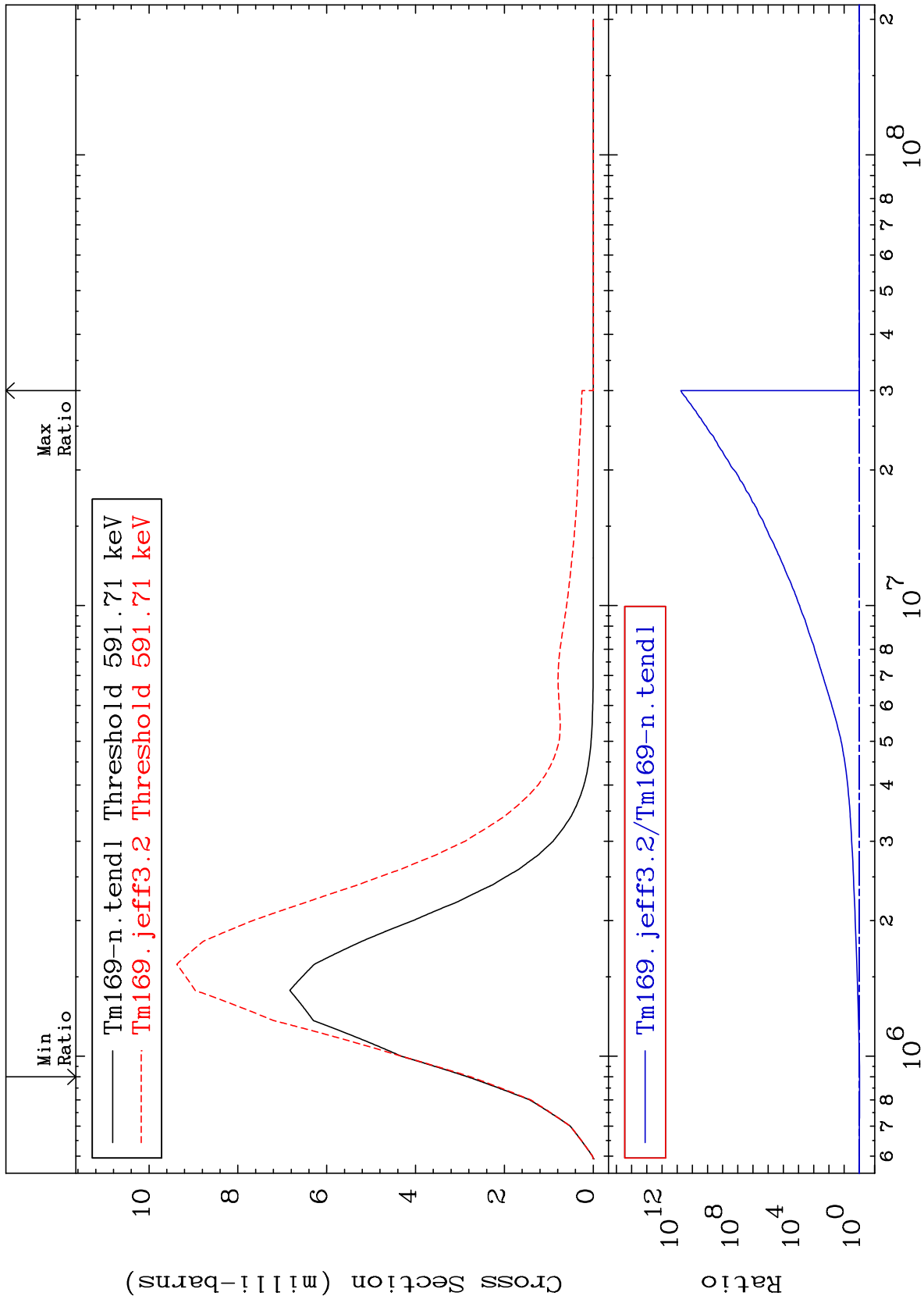
MAT 6925

575.4 keV (n,n') Level
Cross Section

69-Tm-169
-13.47 To 140.3 %



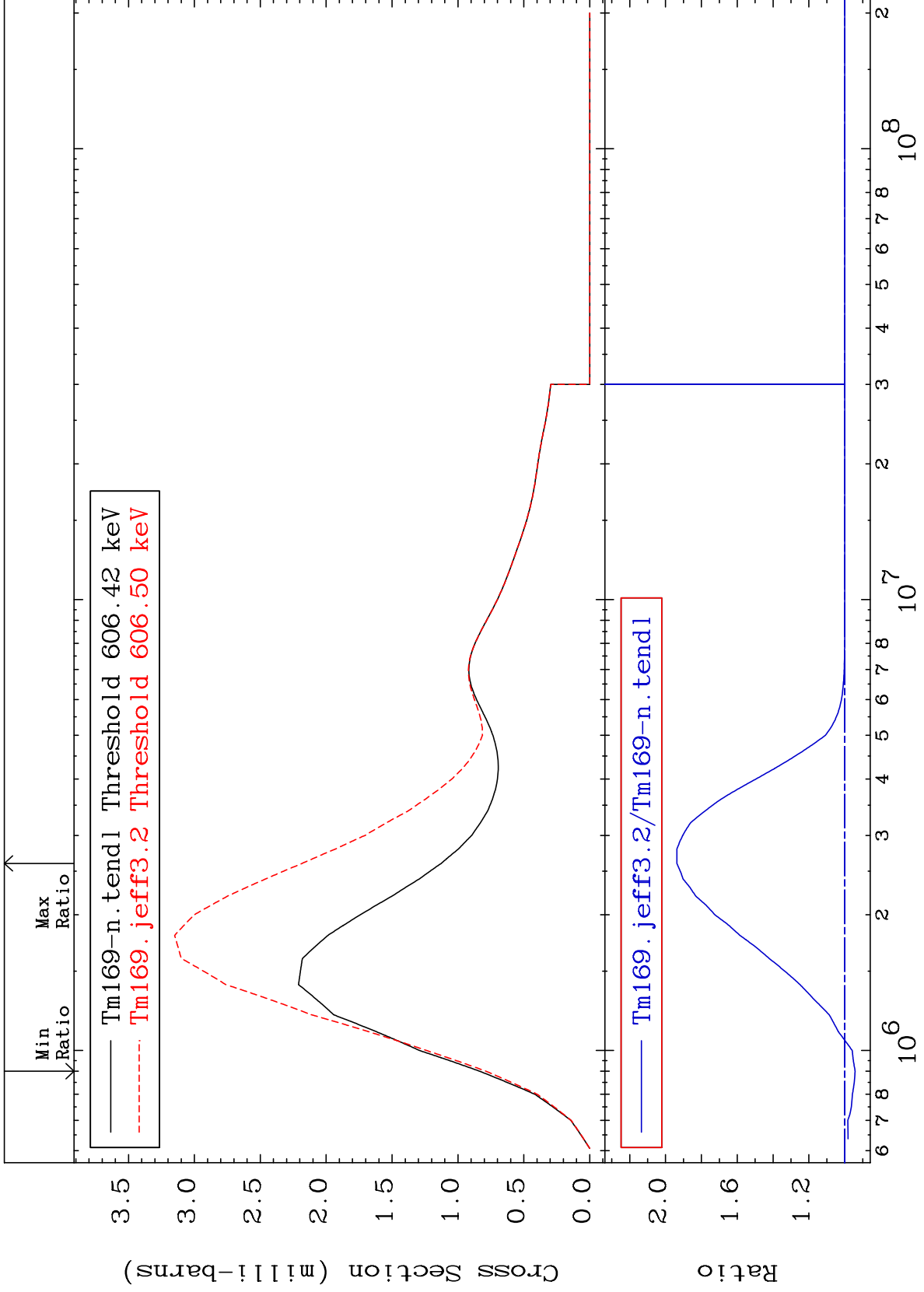
MAT 6925 588.2 keV (n,n') Level 69-Tm-169
 Cross Section -2.365 To 9999. %



MAT 6925

602.8 keV (n,n') Level
Cross Section

69-Tm-169
-5.768 To 93.66 %



36

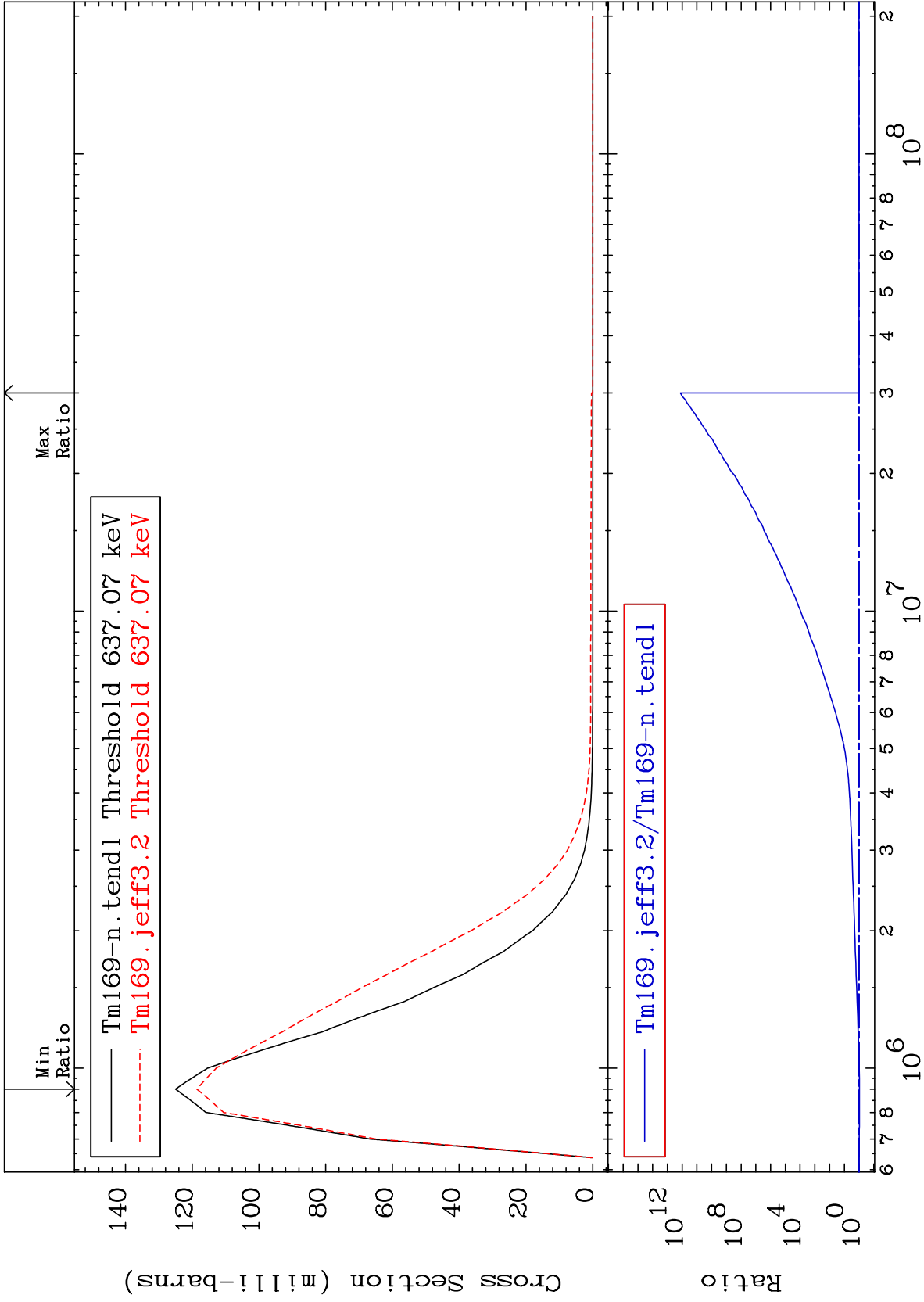
Incident Energy (eV)

69-Tm-169

MAT 6925

633.3 keV (n,n') Level
Cross Section

69-Tm-169
-5.117 To 9999. %



37

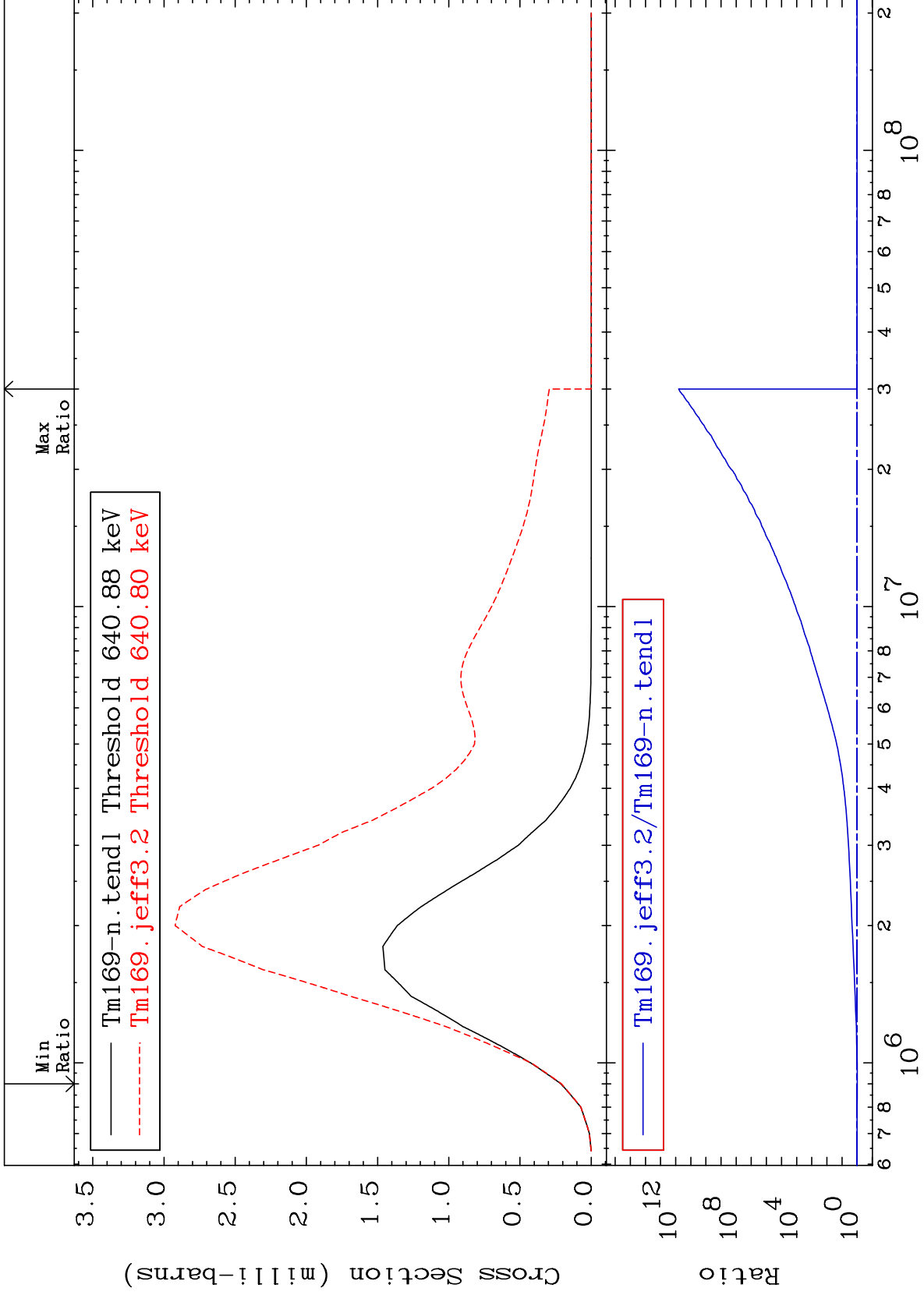
Incident Energy (eV)

69-Tm-169

MAT 6925

637.1 keV (n,n') Level
Cross Section

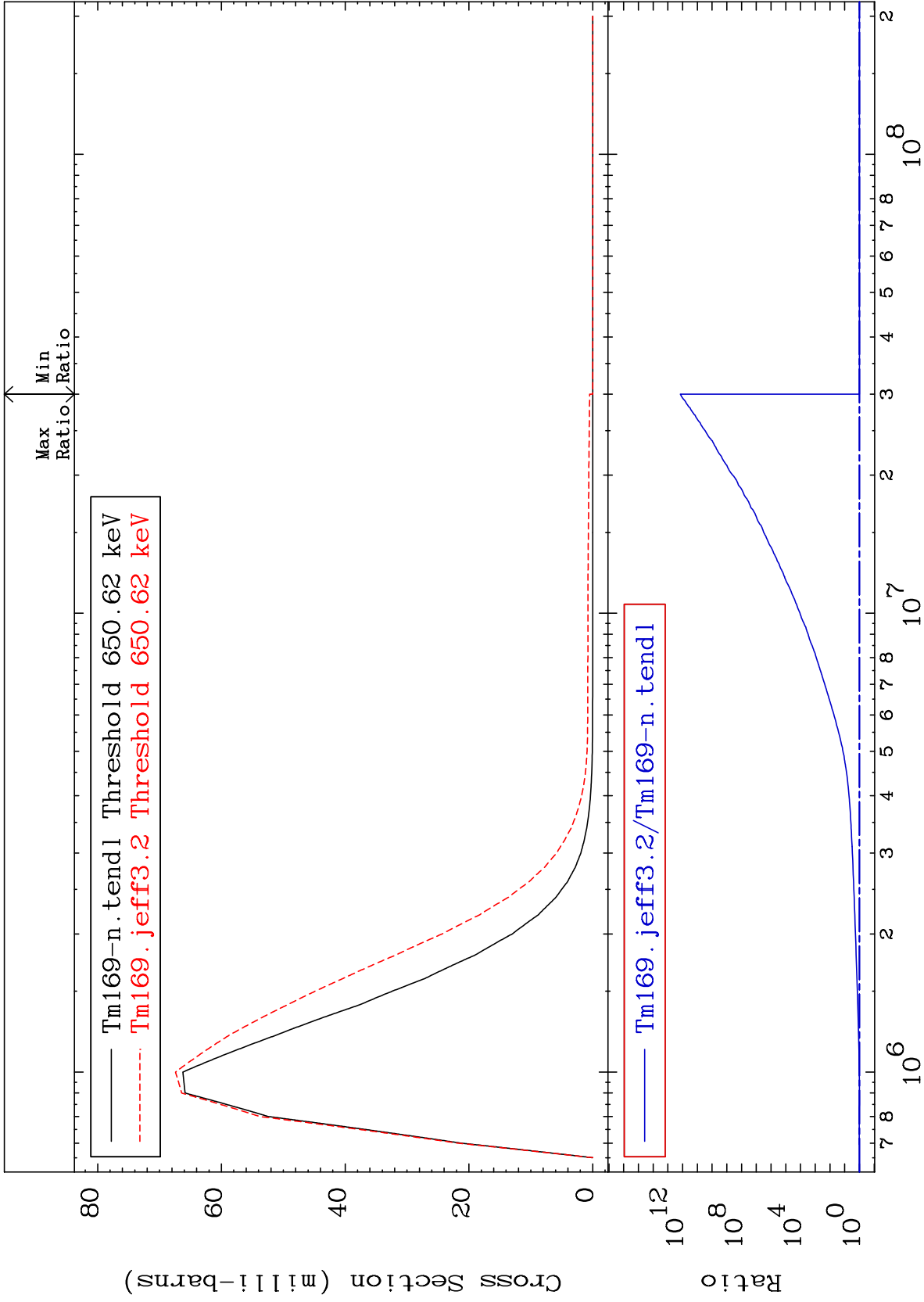
69-Tm-169
-1.816 To 9999. %



MAT 6925

646.8 keV (n,n') Level
Cross Section

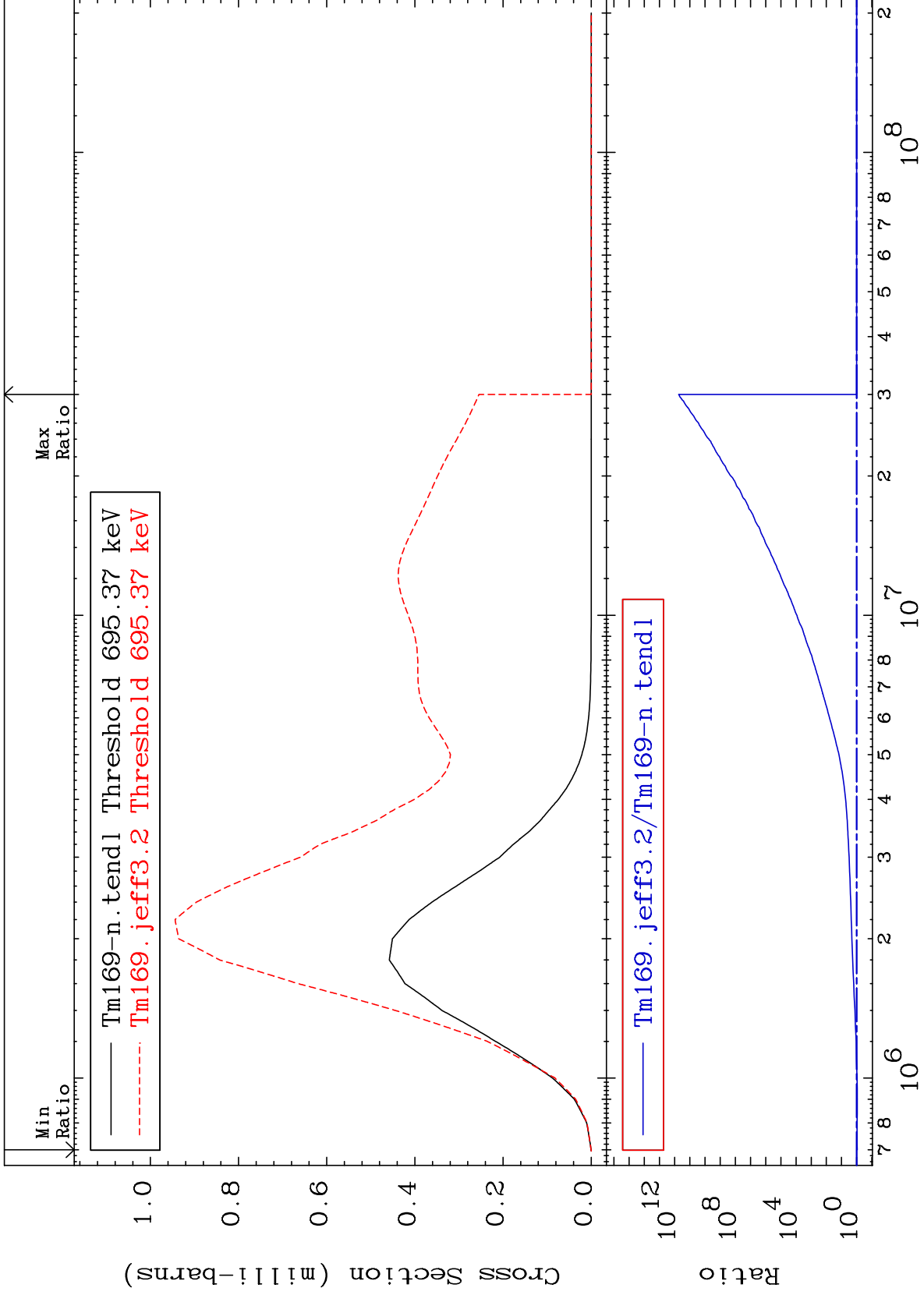
69-Tm-169
To 9999. %
0.000



MAT 6925

691.2 keV (n,n') Level
Cross Section

69-Tm-169
-7.940 To 9999. %



40

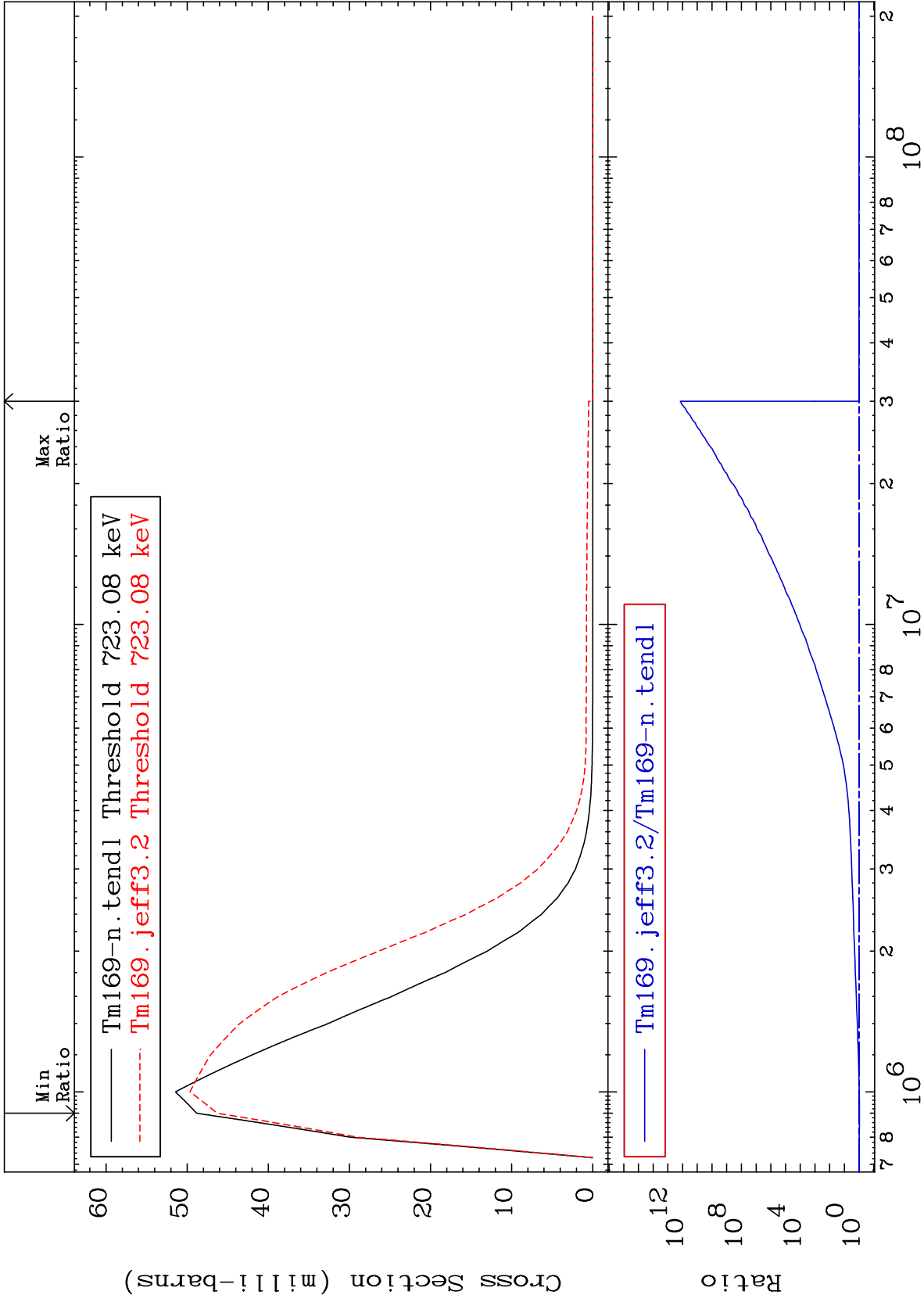
Incident Energy (eV)

69-Tm-169

MAT 6925

718.8 keV (n,n') Level
Cross Section

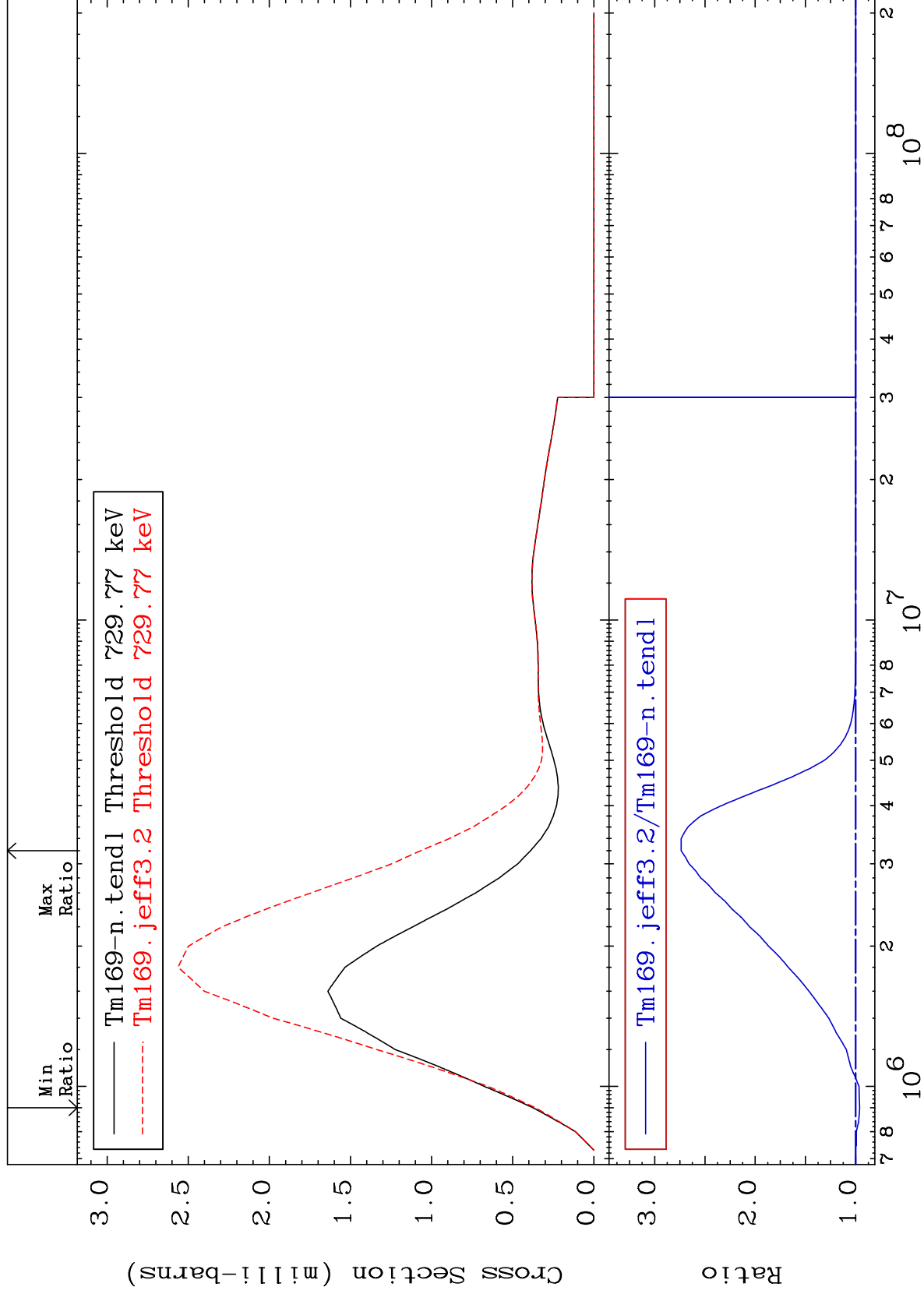
69-Tm-169
-5.180 To 9999. %



MAT 6925

725.4 keV (n,n') Level
Cross Section

69-Tm-169
-3.907 To 173.7 %



42

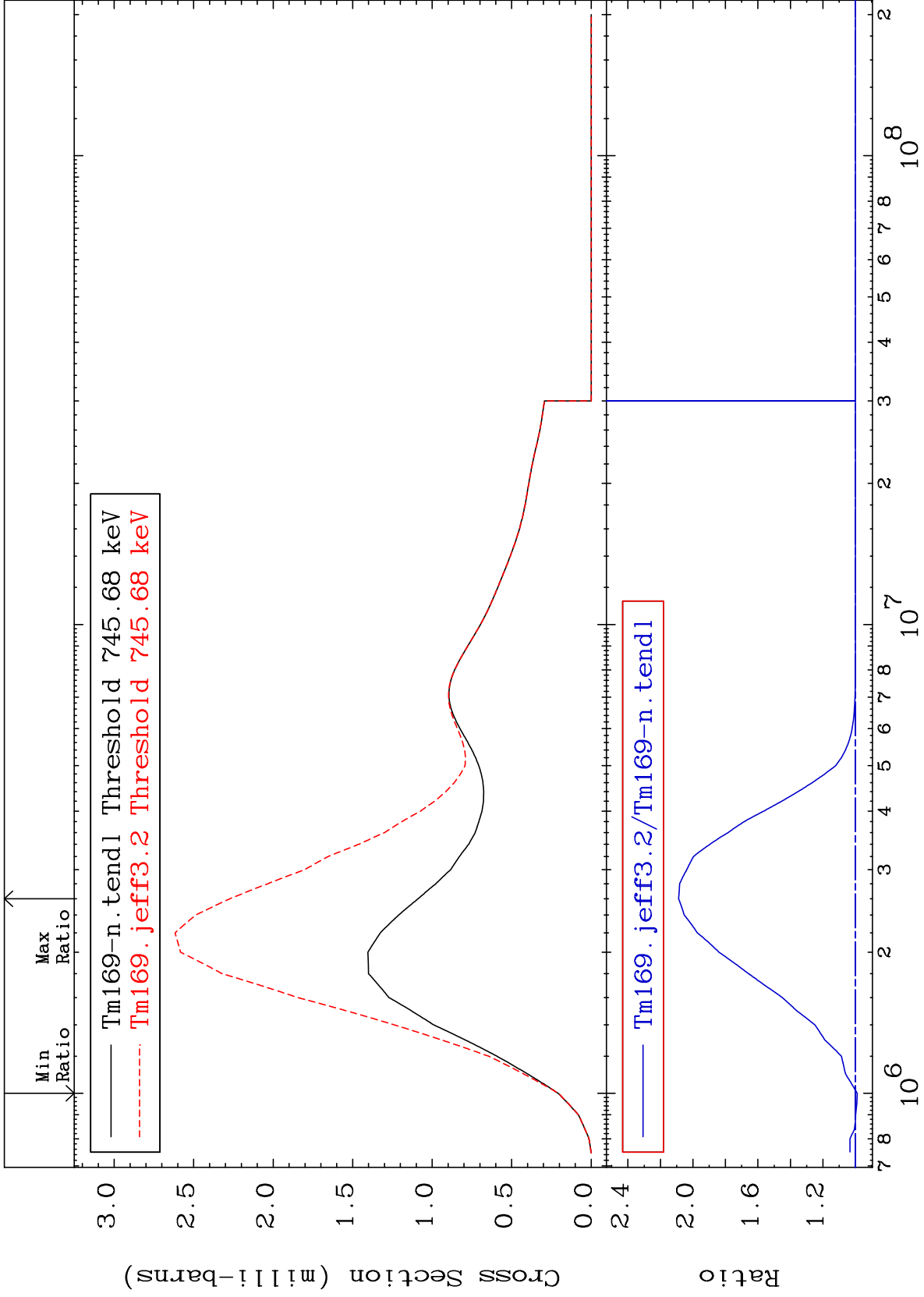
Incident Energy (eV)

69-Tm-169

MAT 6925

741.3 keV (n,n') Level
Cross Section

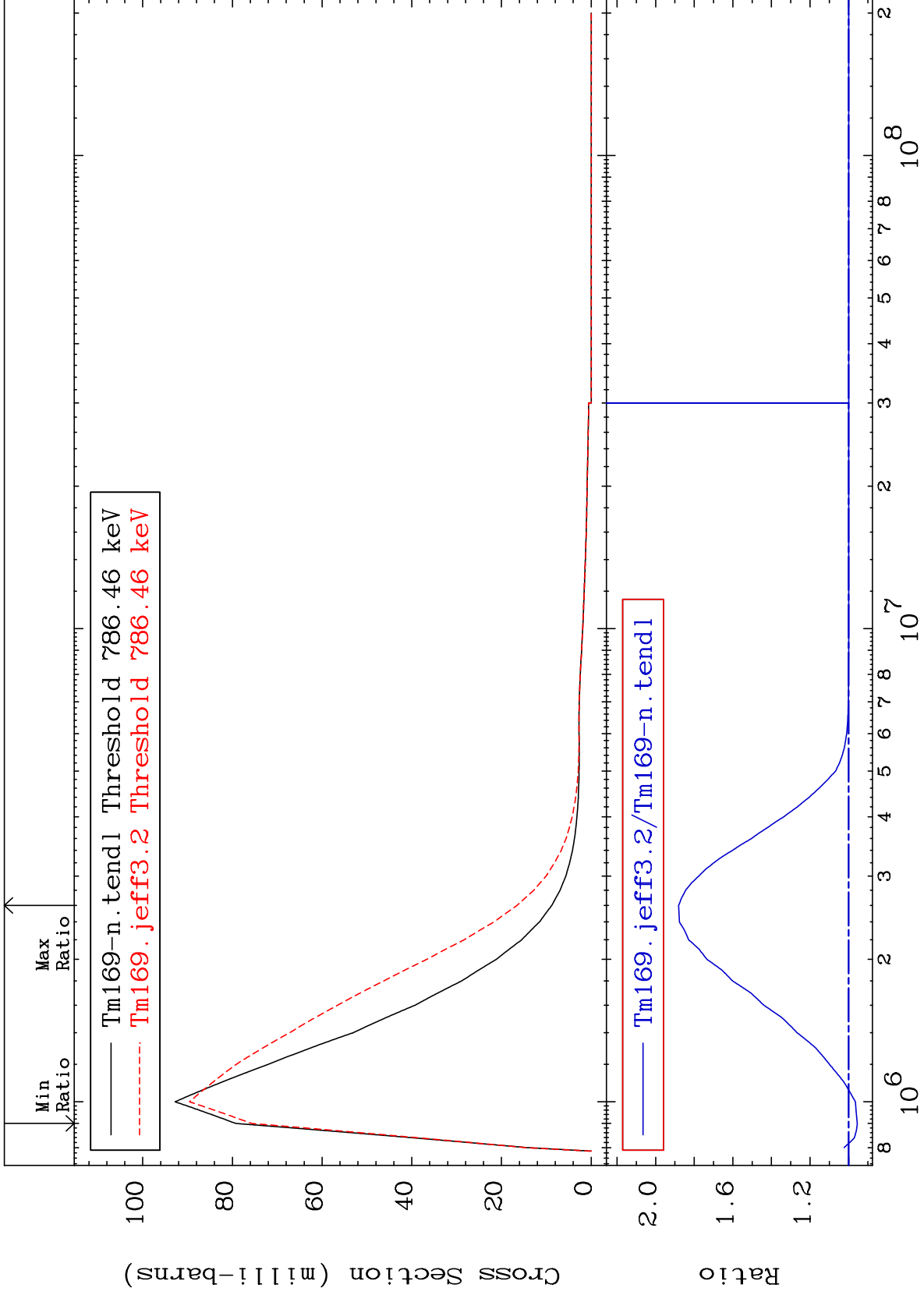
69-Tm-169
-1.117 To 108.8 %



MAT 6925

781.8 keV (n,n') Level
Cross Section

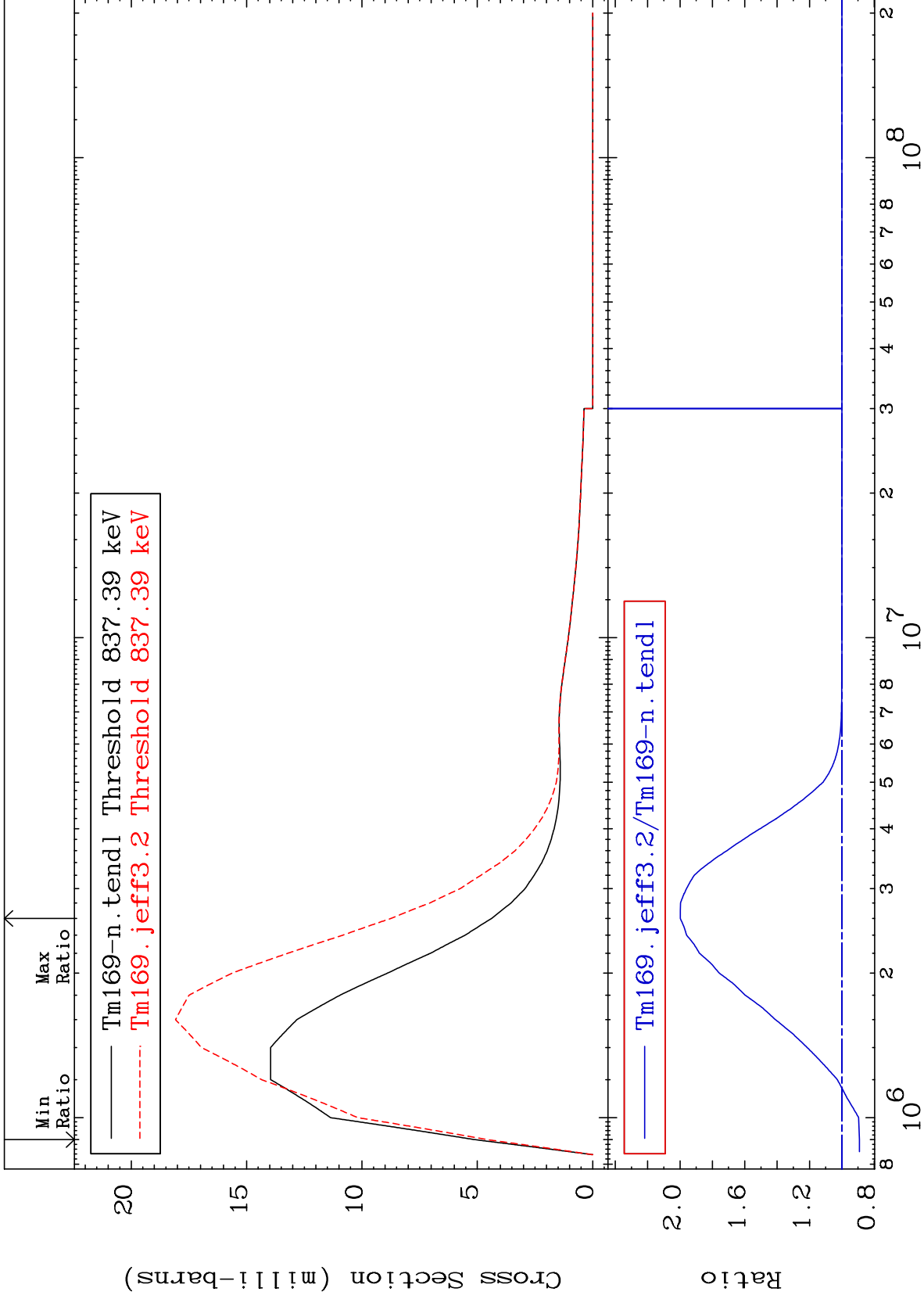
69-Tm-169
-4.469 To 88.09 %



MAT 6925

832.4 keV (n,n') Level
Cross Section

69-Tm-169
-10.84 To 99.79 %



45

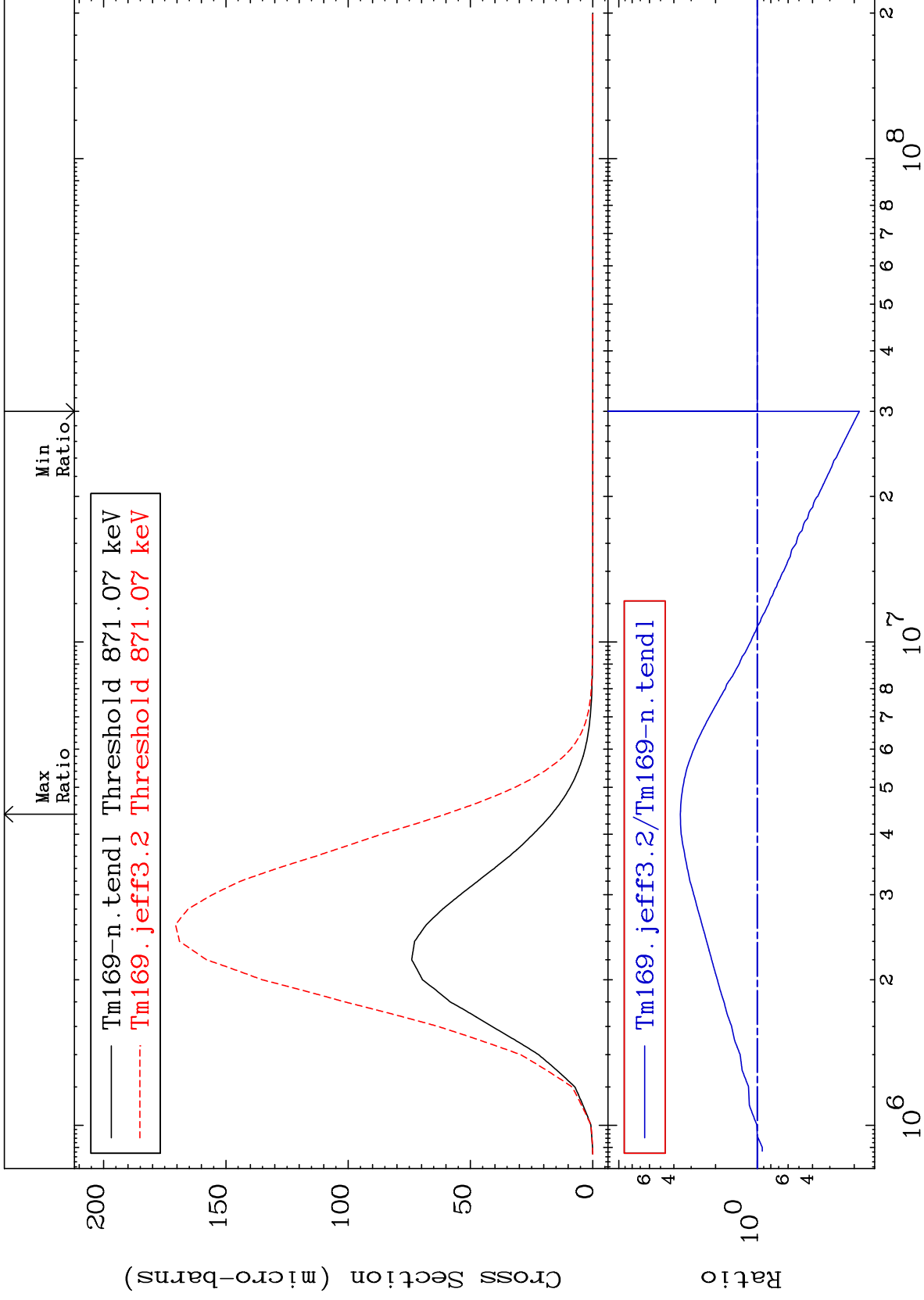
Incident Energy (eV)

69-Tm-169

MAT 6925

865.9 keV (n,n') Level
Cross Section

69-Tm-169
-81.66 To 259.2 %



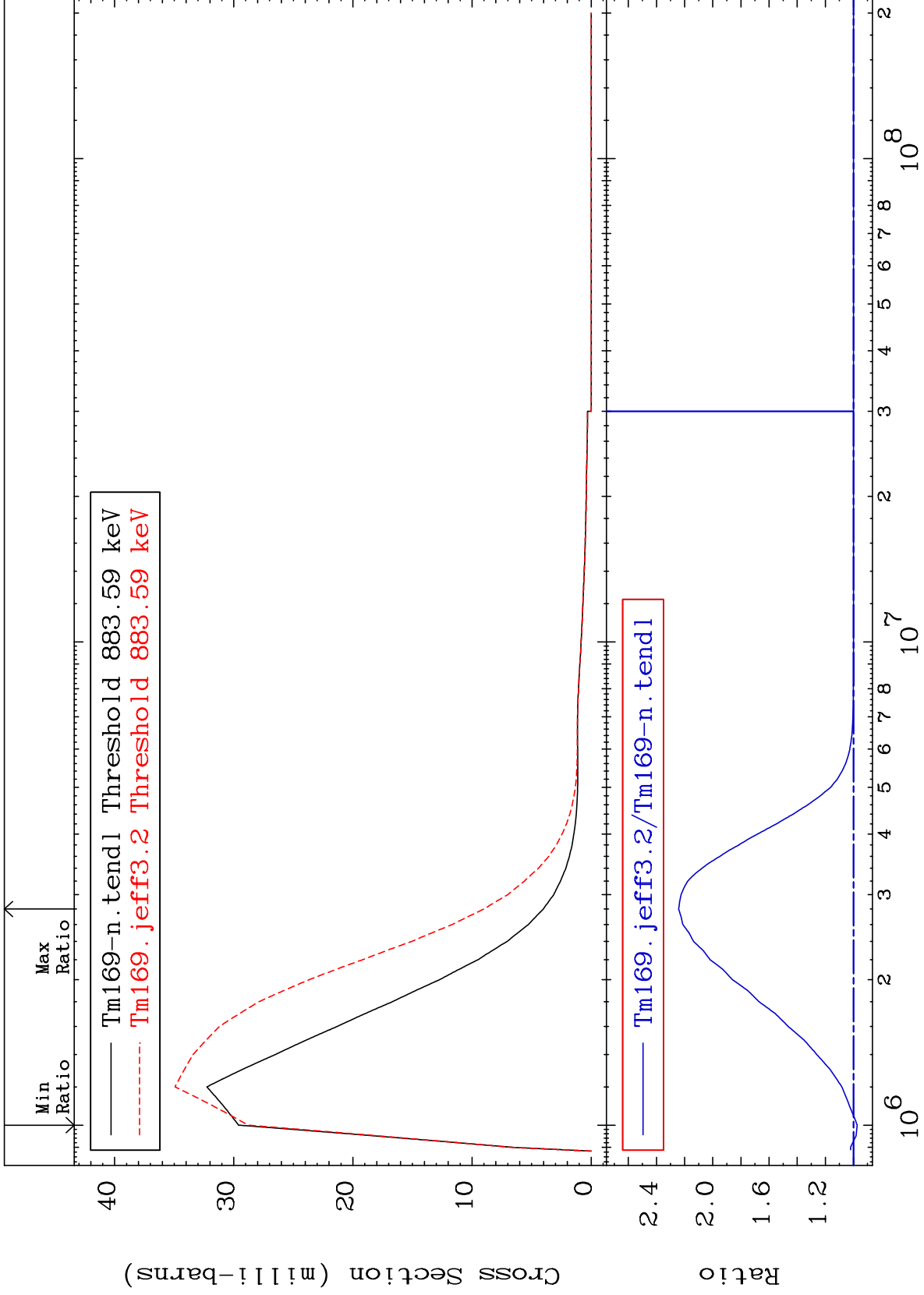
46

69-Tm-169

MAT 6925

878.4 keV (n,n') Level
Cross Section

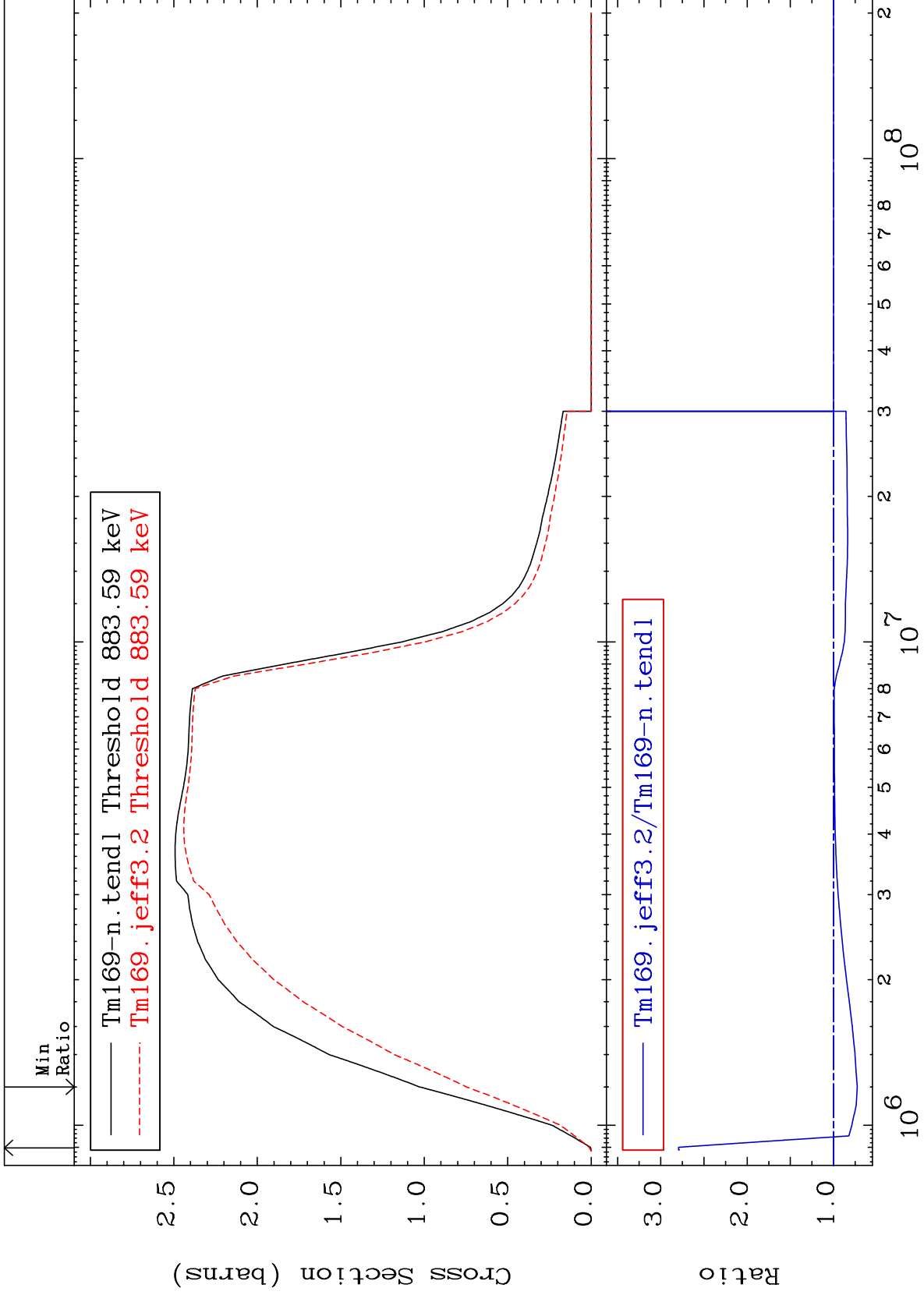
69-Tm-169
-2.688 To 124.3 %



MAT 6925

(n, n') Continuum
Cross Section

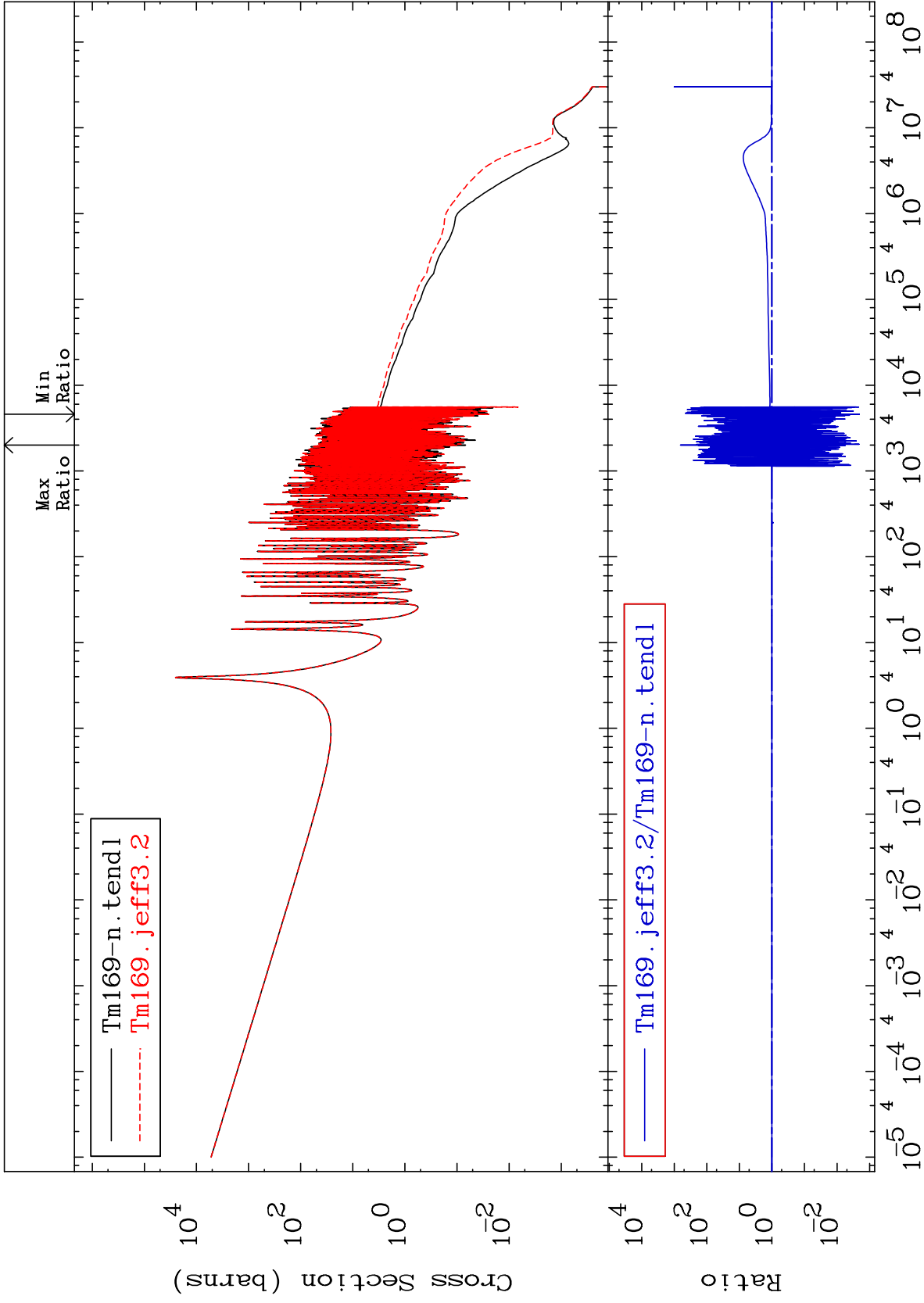
69-Tm-169
-27.39 To 179.3 %



Incident Energy (eV)

69-Tm-169

48



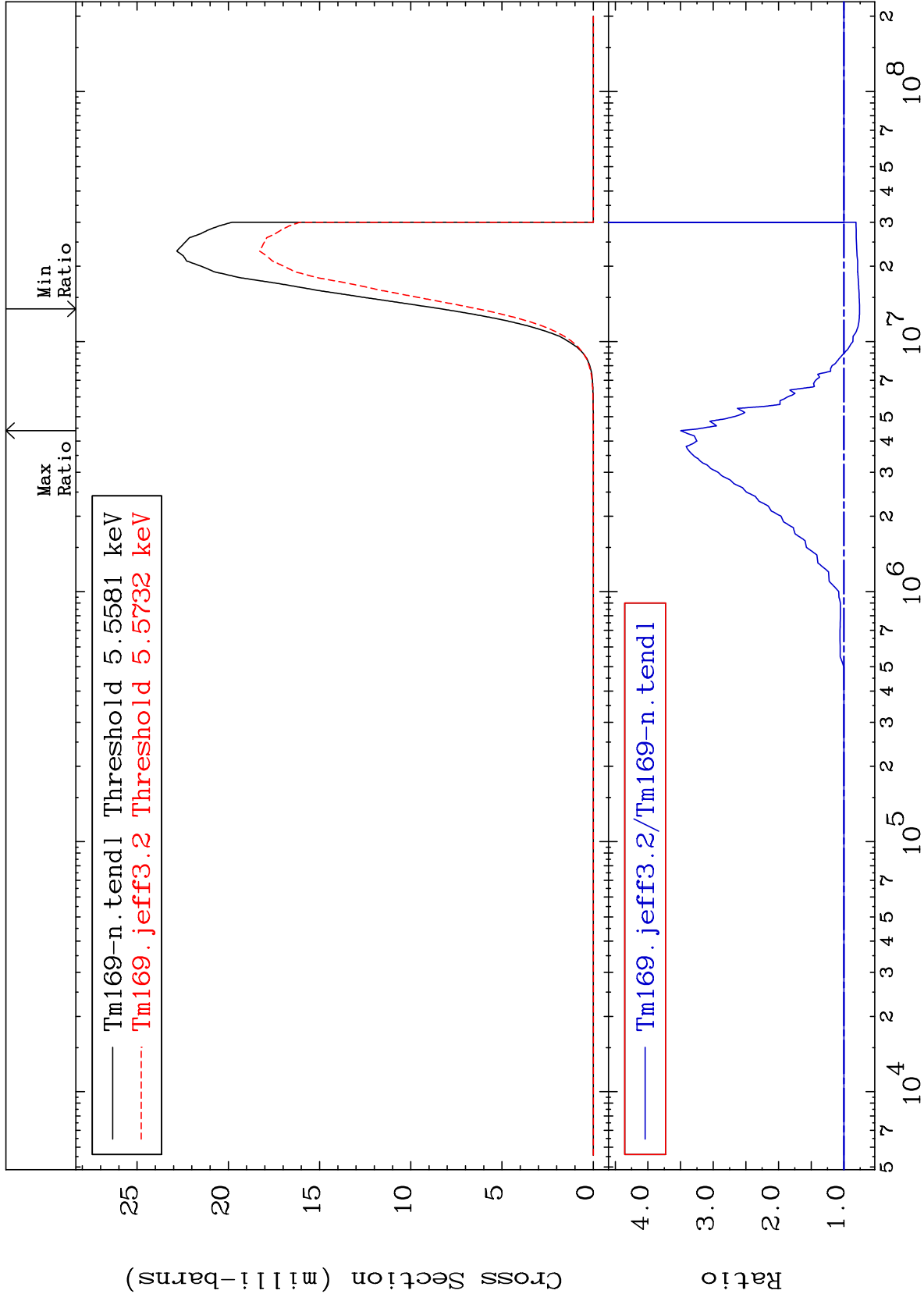
MAT 6925

(n,p)

69-Tm-169

Cross Section

-24.06 To 249.7 %



50

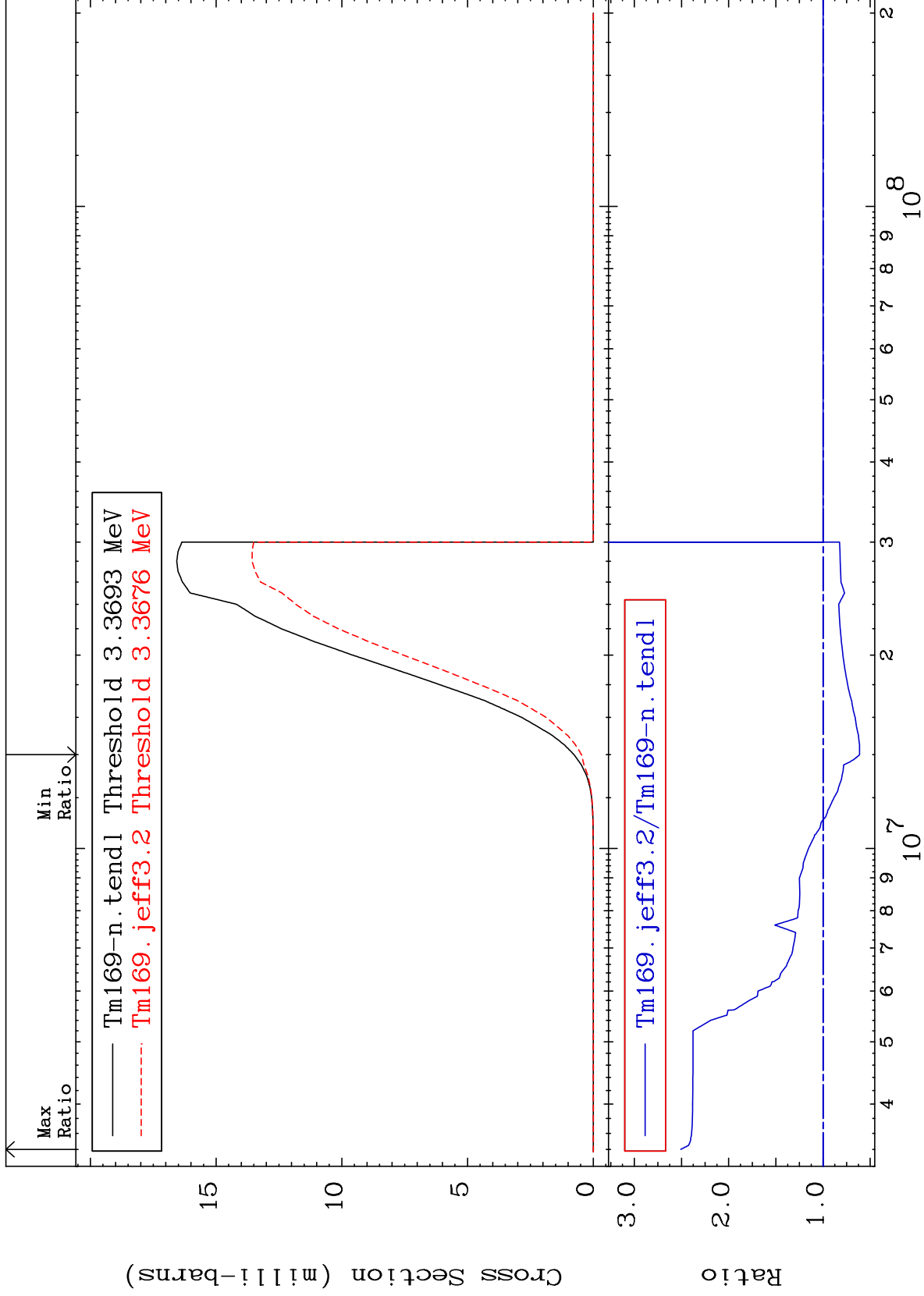
Incident Energy (eV)

69-Tm-169

MAT 6925

(n, d)
Cross Section

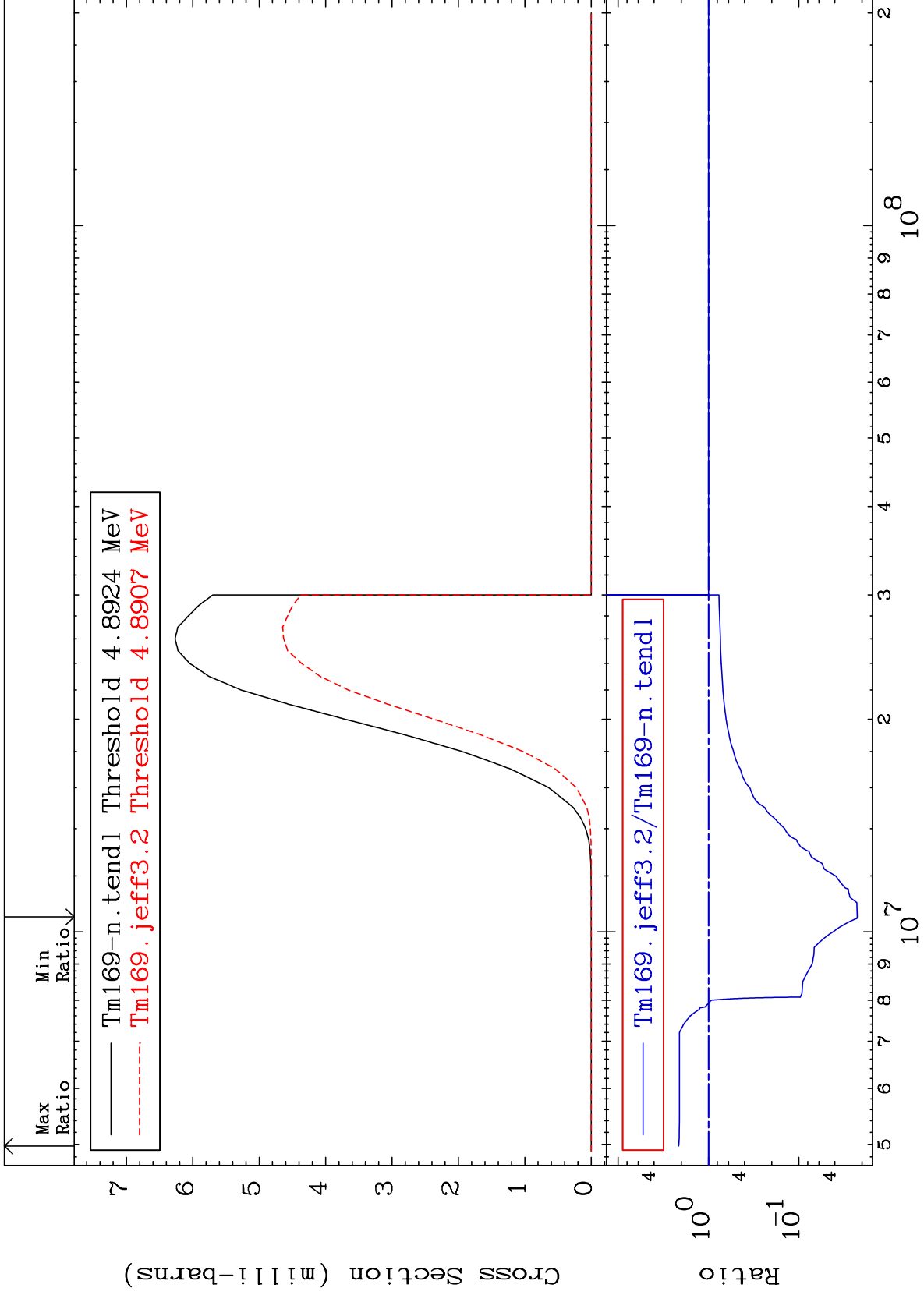
69-Tm-169
-38.67 To 150.8 %



MAT 6925

(n, t)
Cross Section

69-Tm-169
-97.74 To 114.1 %



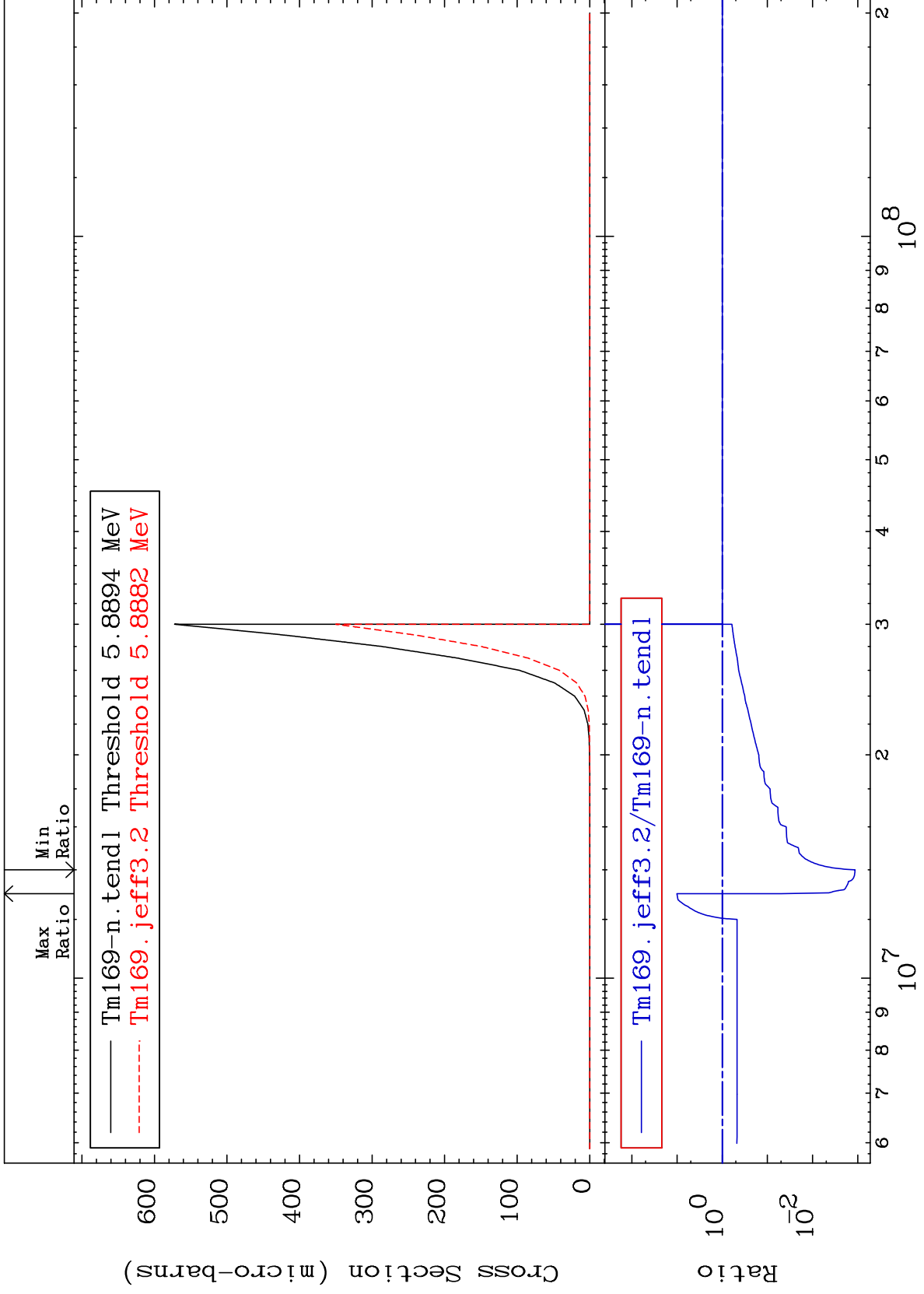
MAT 6925

(n, He-3)

69-Tm-169

Cross Section

-99.89 To 908.9 %



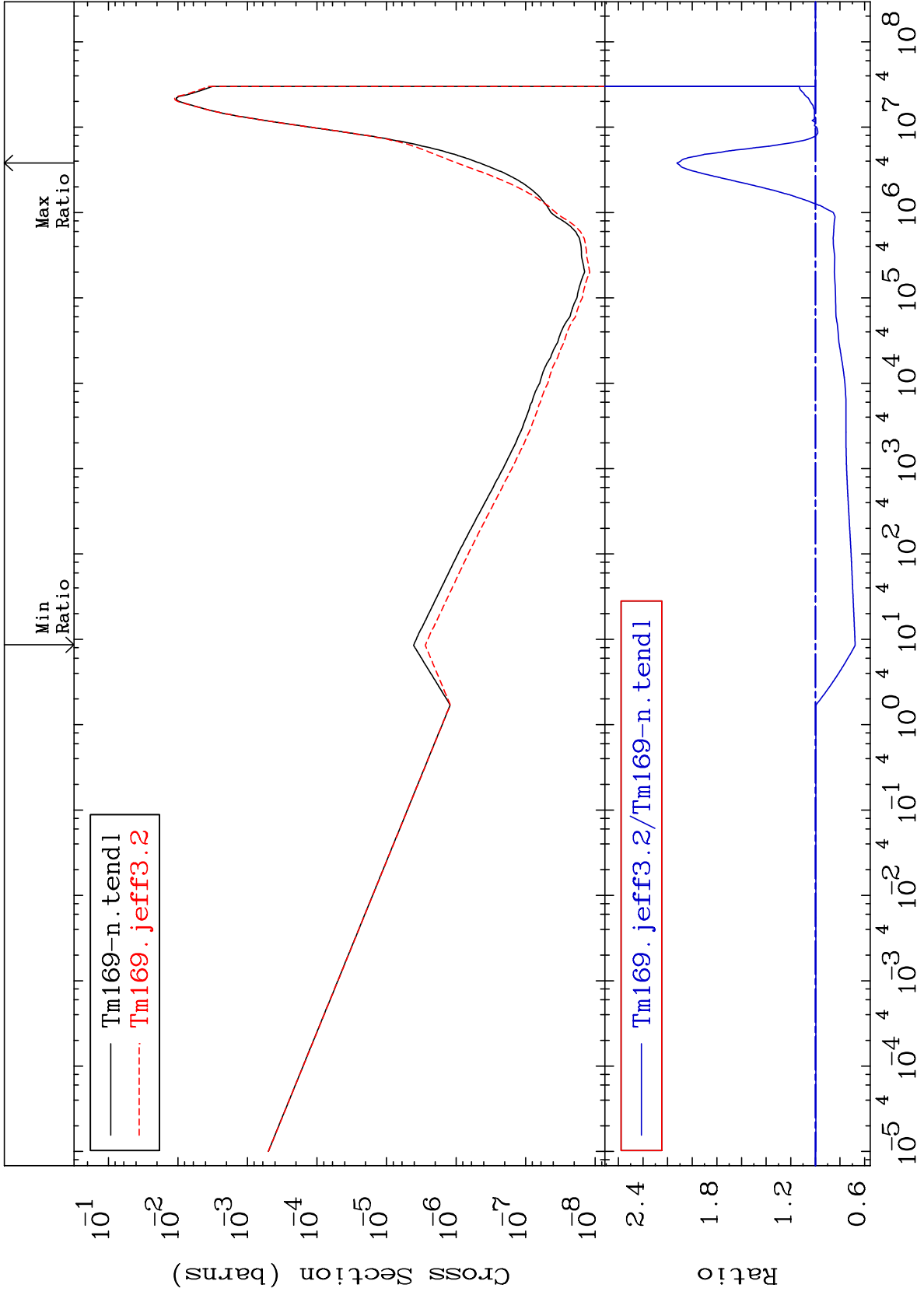
MAT 6925

(n, α)

69-Tm-169

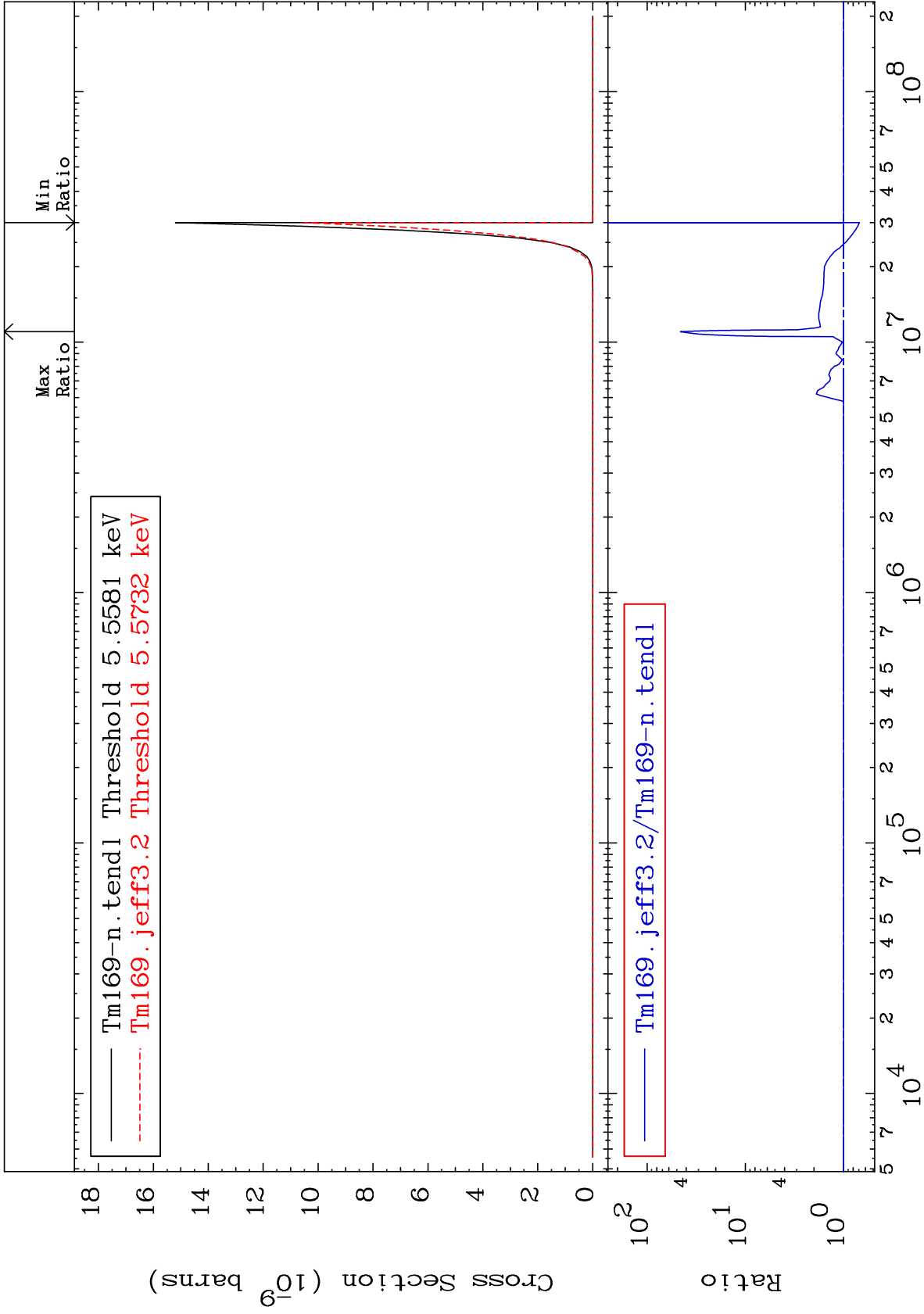
Cross Section

-32.22 To 112.5 %



Cross Section

-30.93 To 4490. %



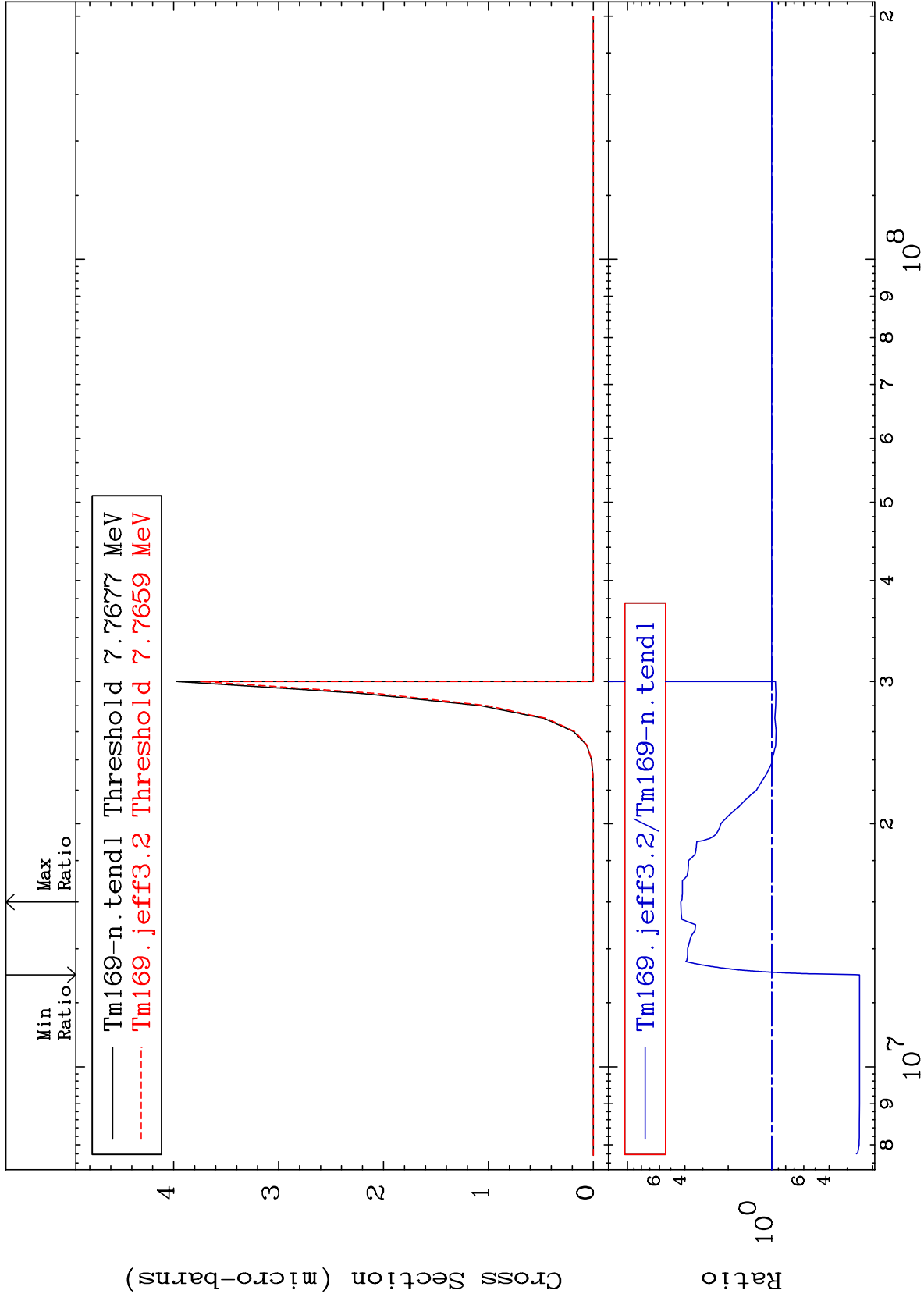
MAT 6925

(n,2p)

69-Tm-169

Cross Section

-75.34 To 326.7 %



56

69-Tm-169

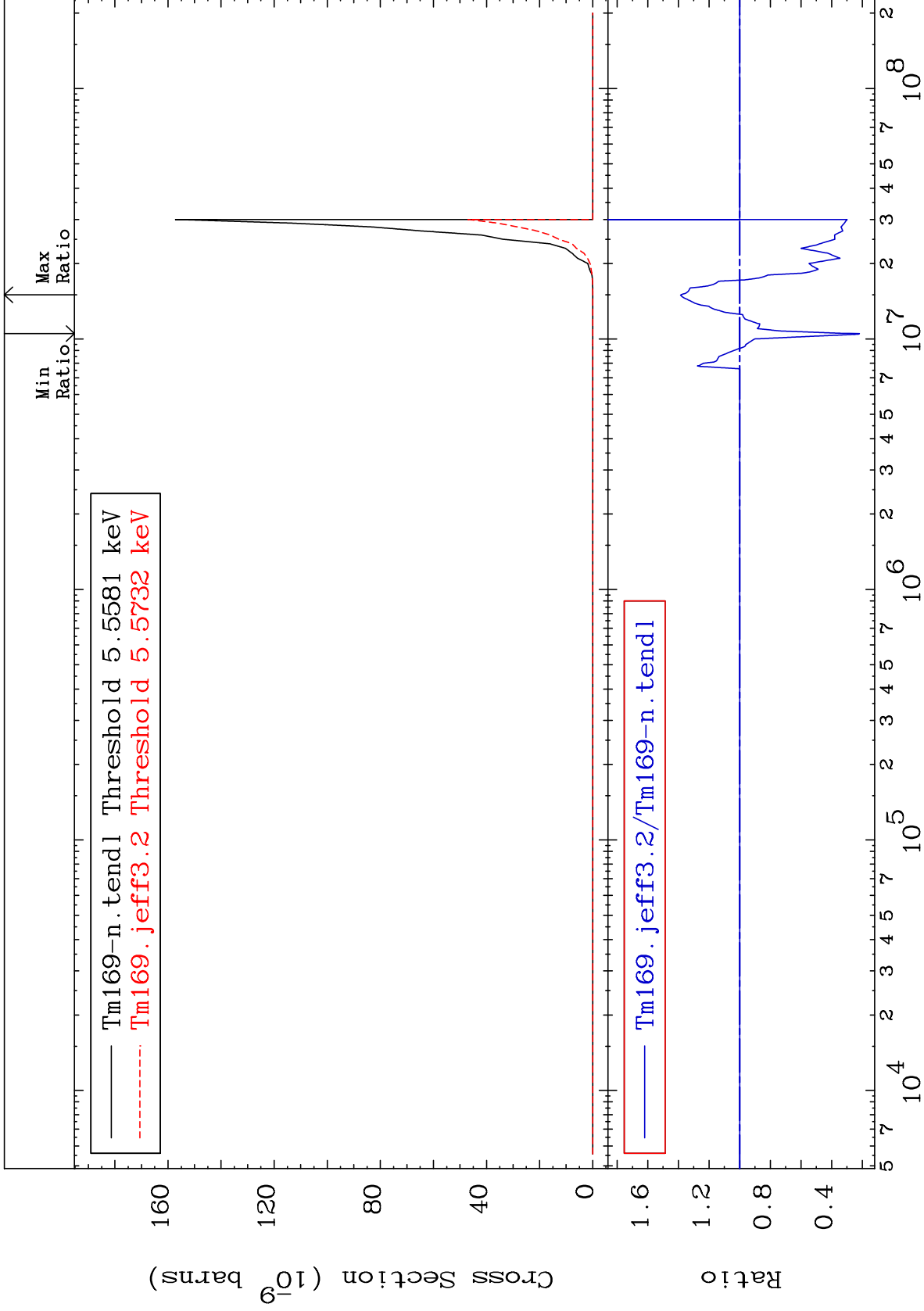
MAT 6925

(n, p) α

69-Tm-169

Cross Section

-78.14 To 38.74 %



57

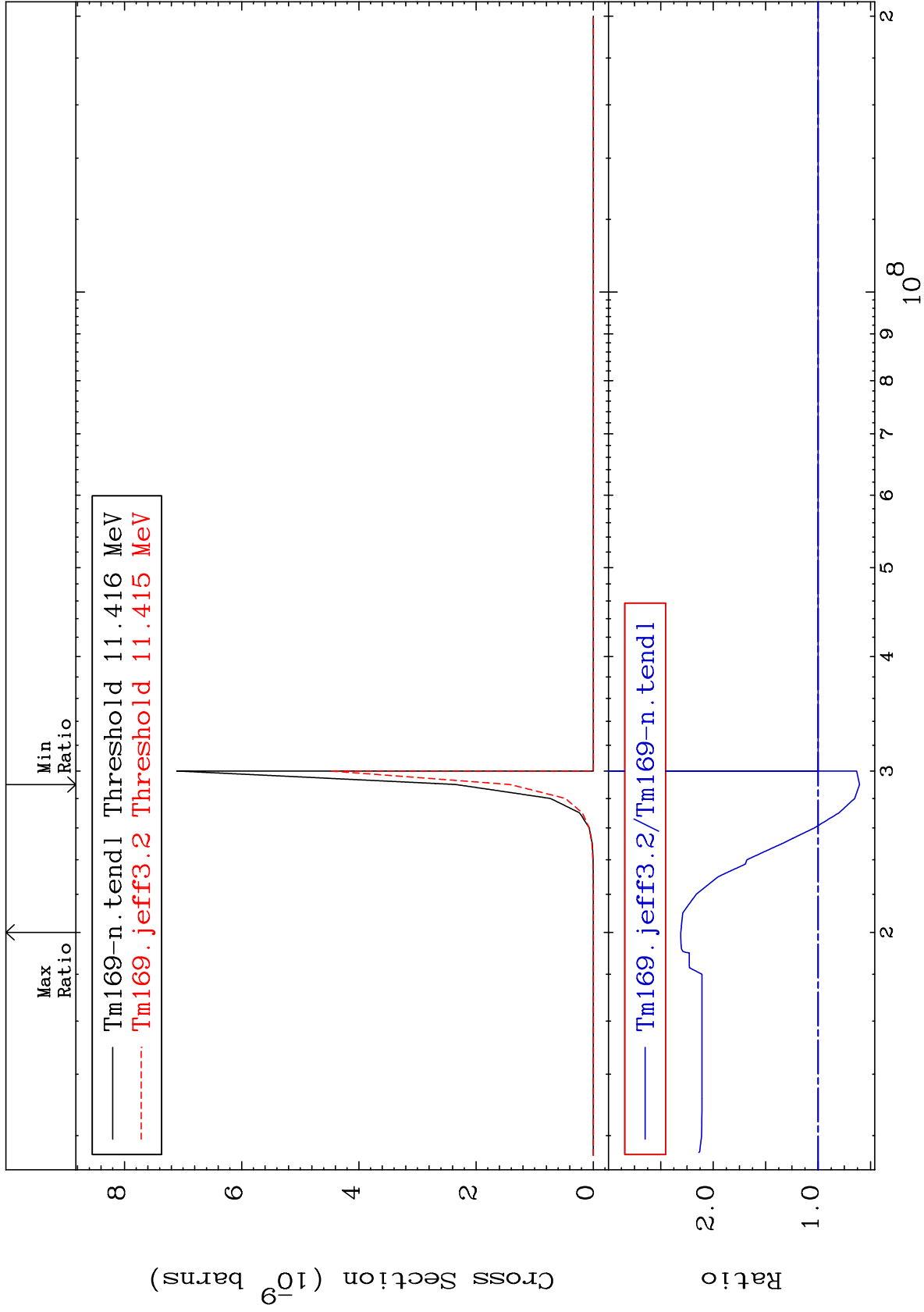
Incident Energy (eV)

69-Tm-169

MAT 6925

(n, p) d
Cross Section

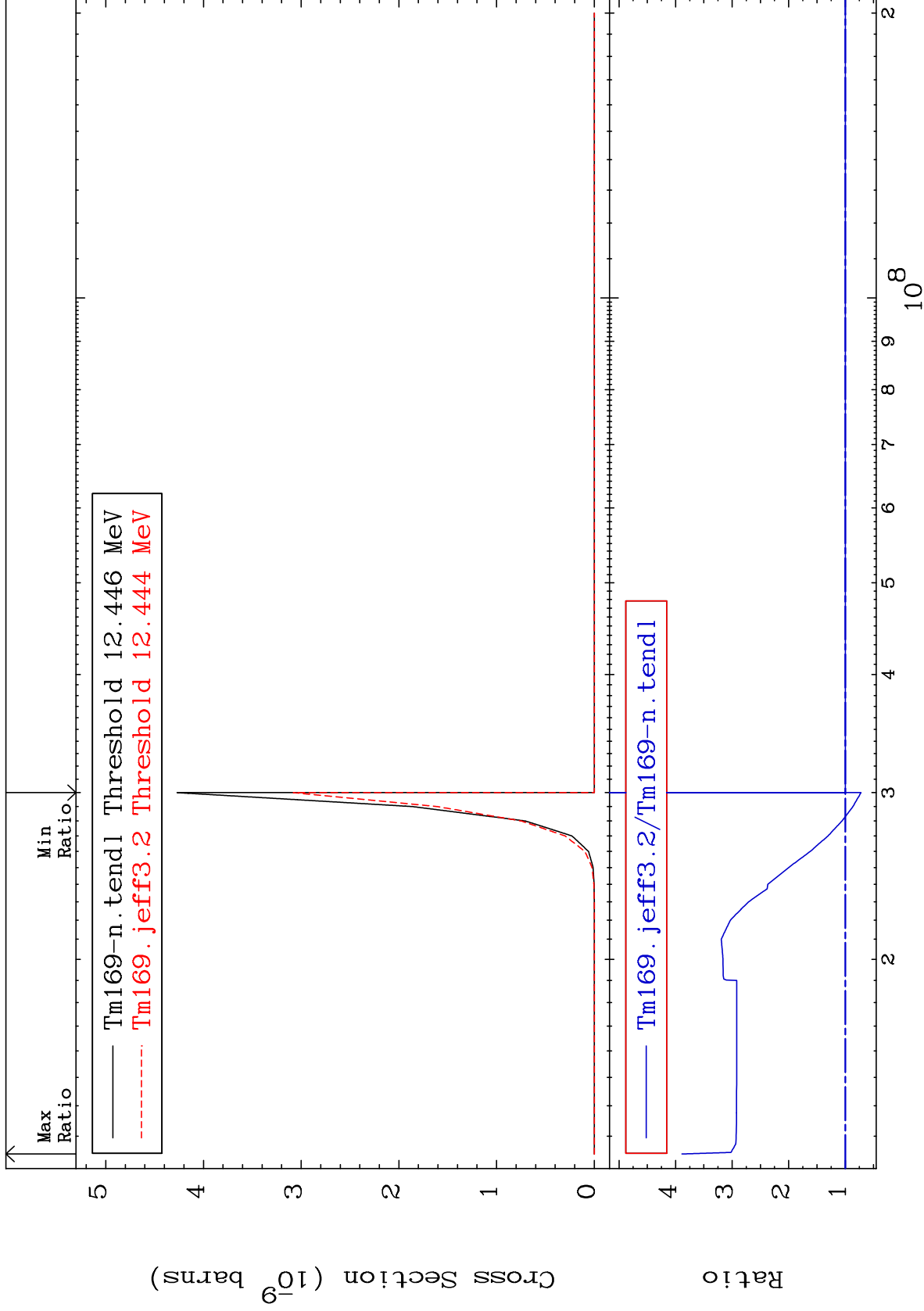
69-Tm-169
-39.48 To 130.8 %



MAT 6925

(n,p) t
Cross Section

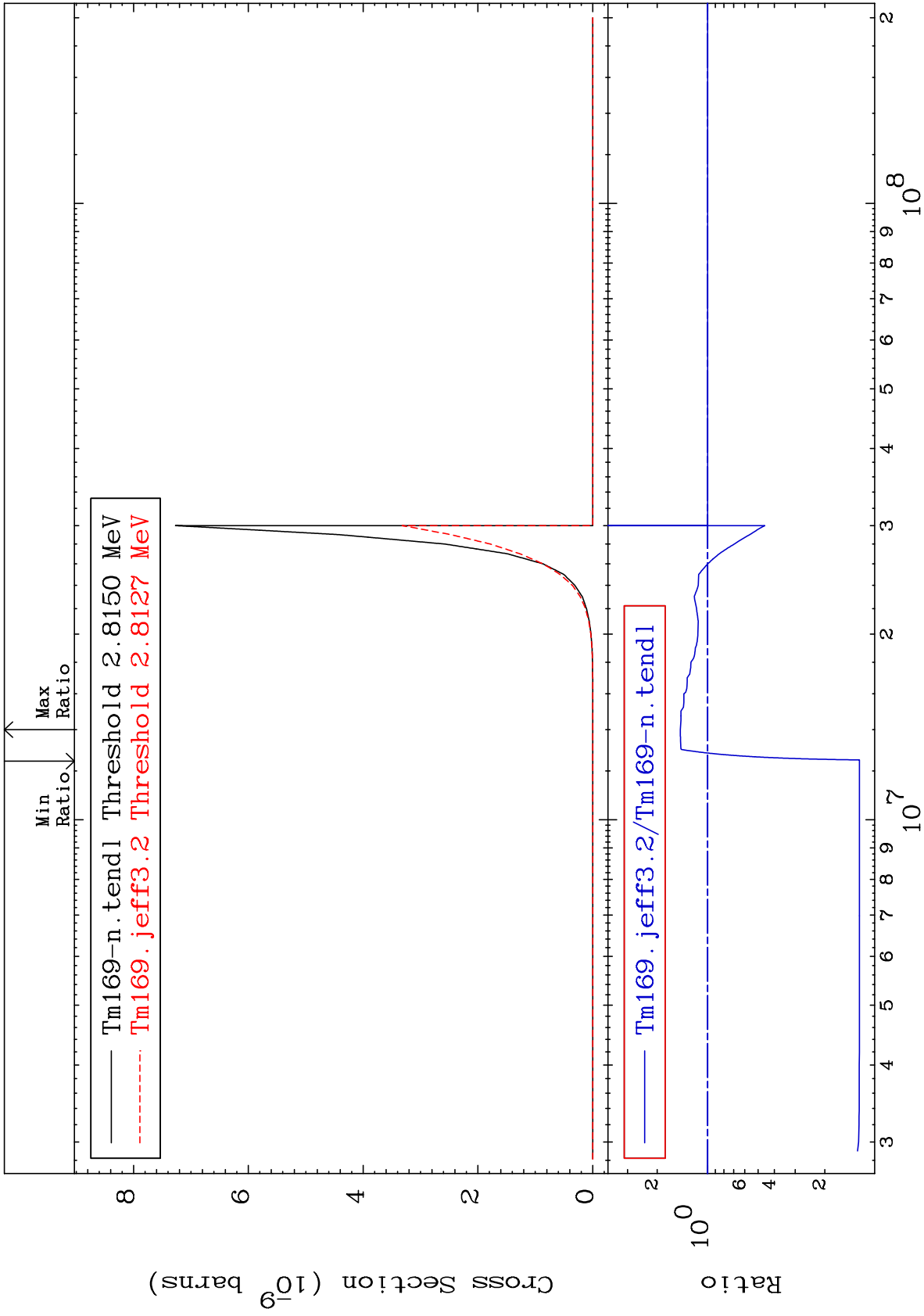
69-Tm-169
-27.83 To 288.8 %



MAT 6925

(n, d) α
Cross Section

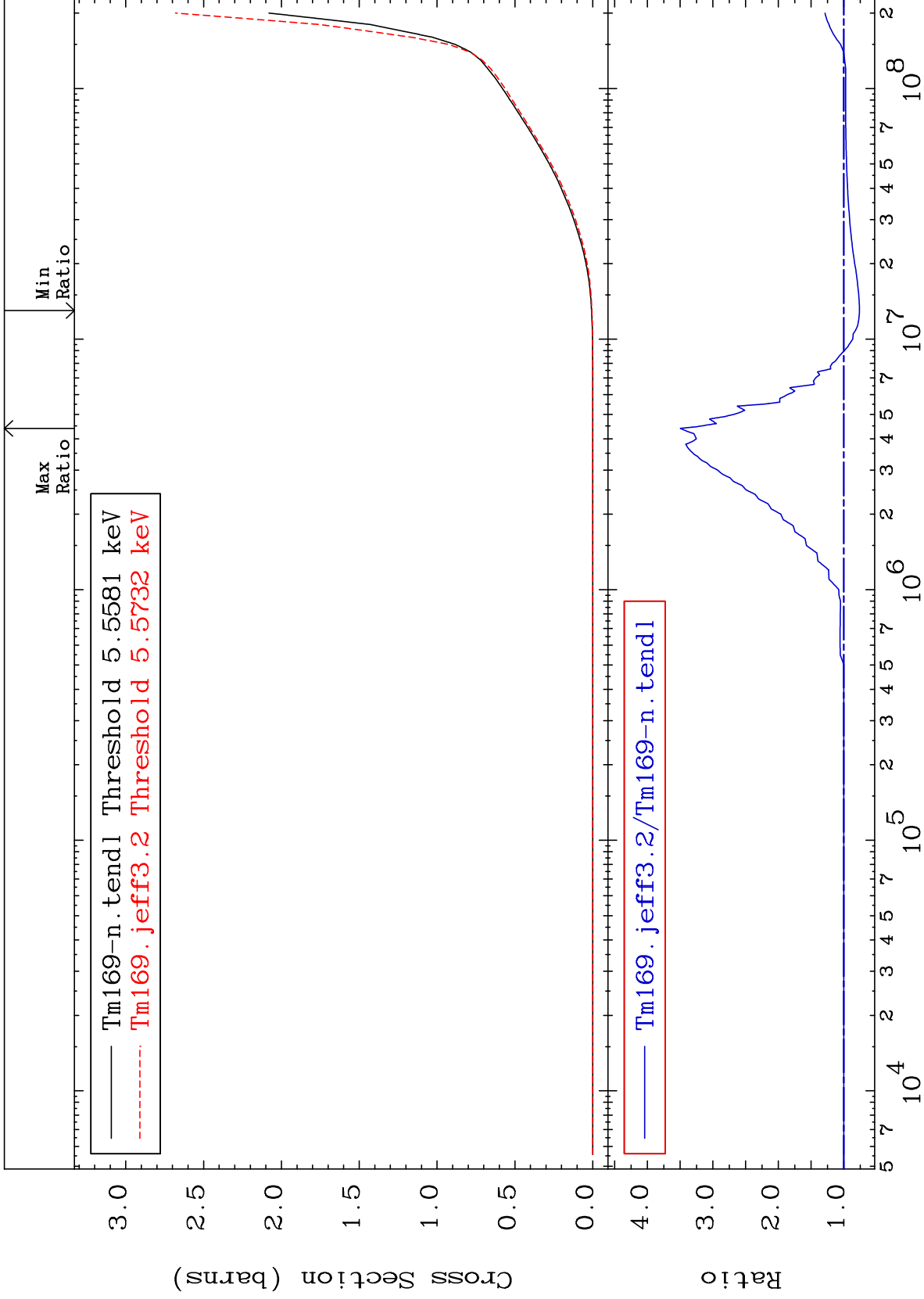
69-Tm-169
-87.57 To 45.44 %



60

Incident Energy (eV)

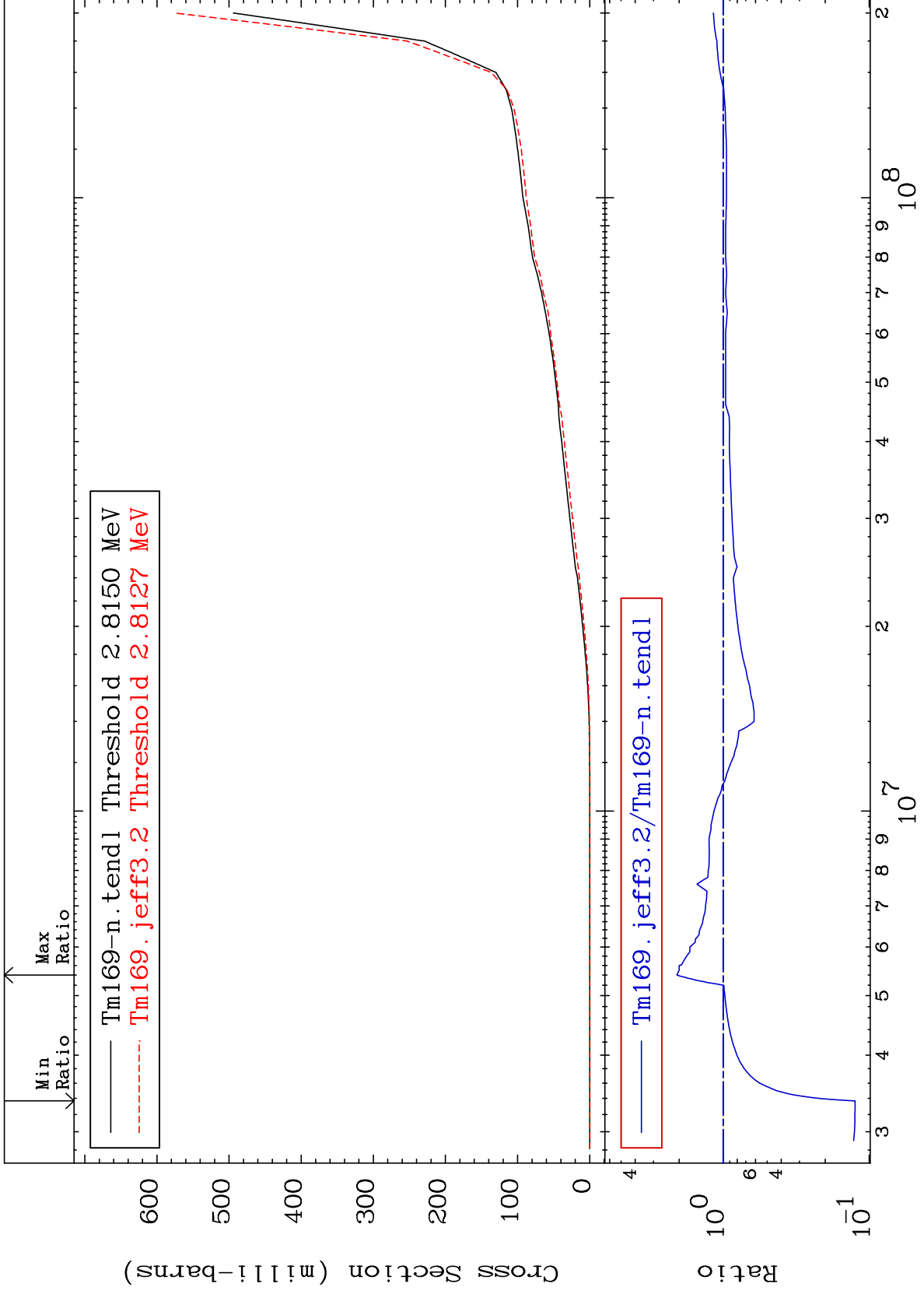
69-Tm-169



MAT 6925

Deuterium Production
Cross Section

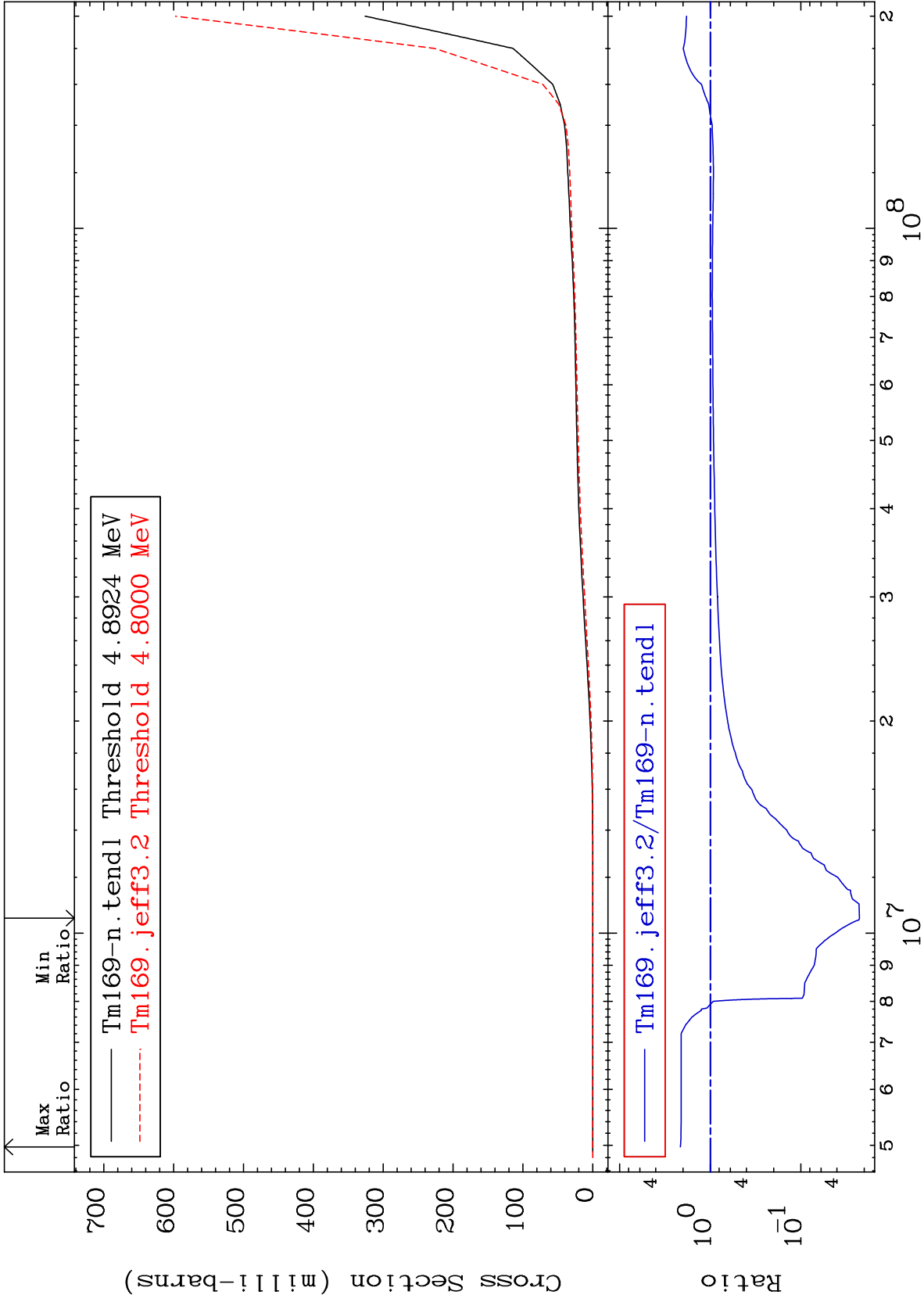
69-Tm-169
-87.52 To 107.3 %



MAT 6925

Tritium Production
Cross Section

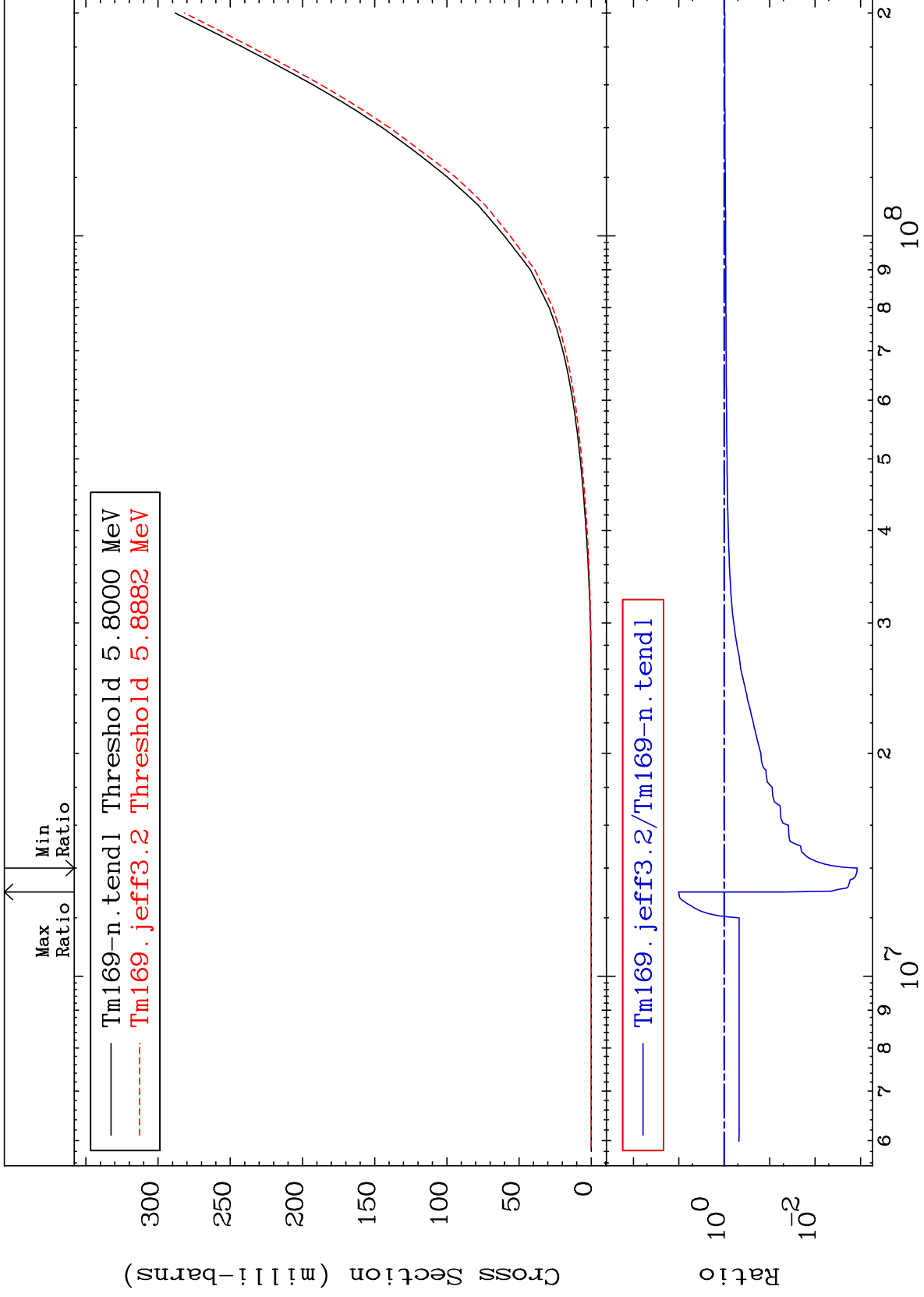
69-Tm-169
-97.74 To 114.1 %



MAT 6925

He-3 Production
Cross Section

69-Tm-169
-99.88 To 908.9 %



64

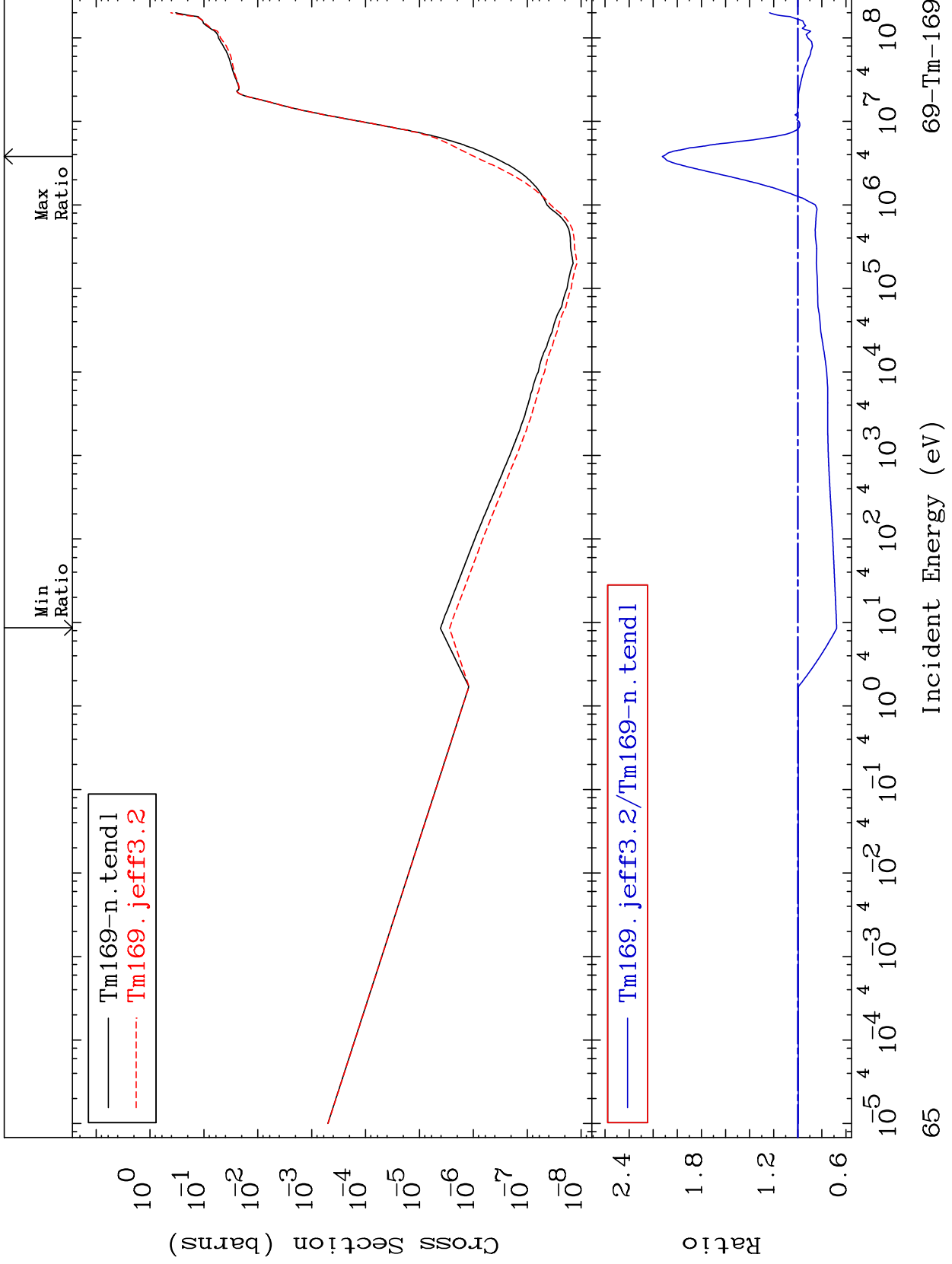
Incident Energy (eV)

69-Tm-169

MAT 6925

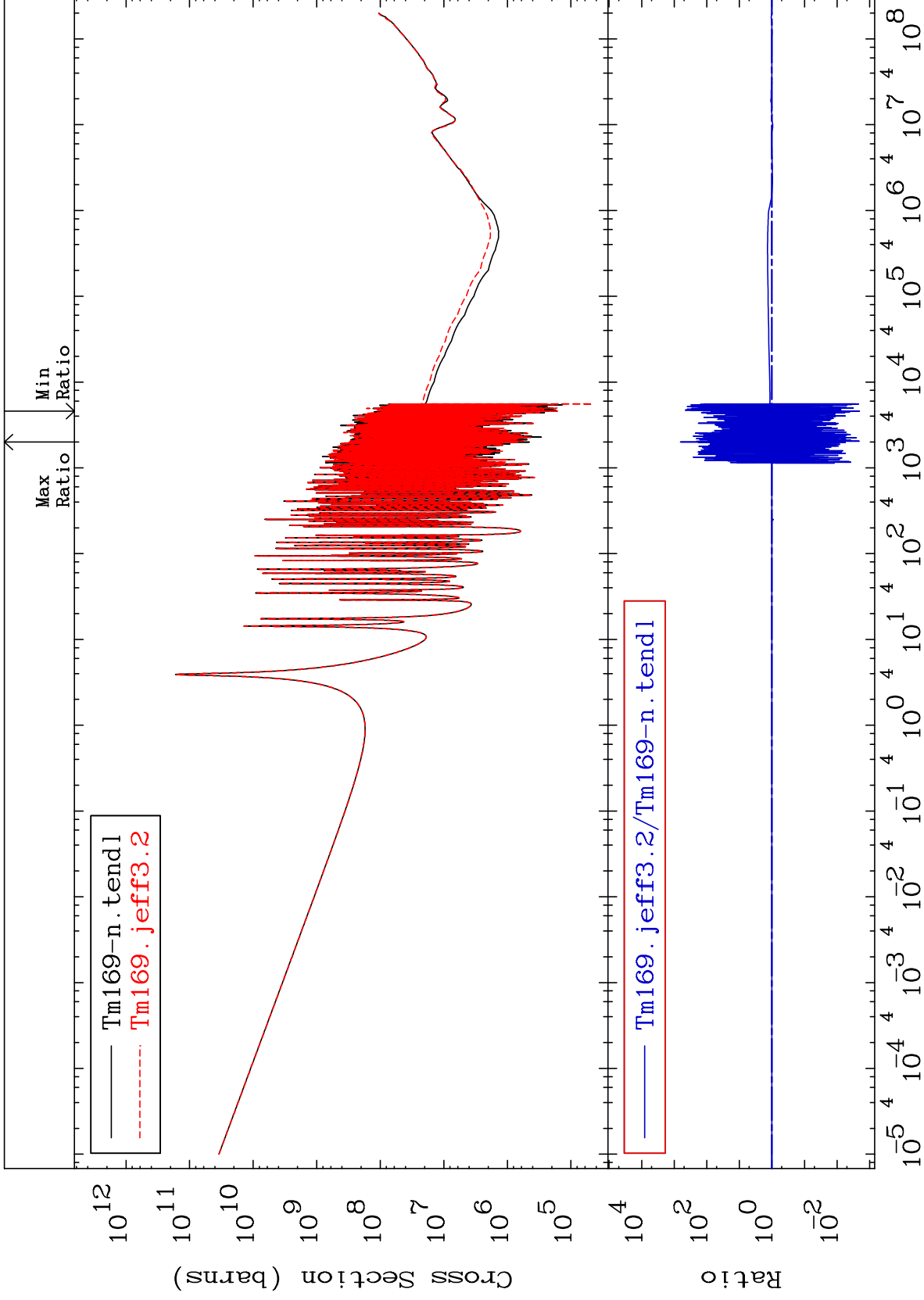
He-4 Production
Cross Section

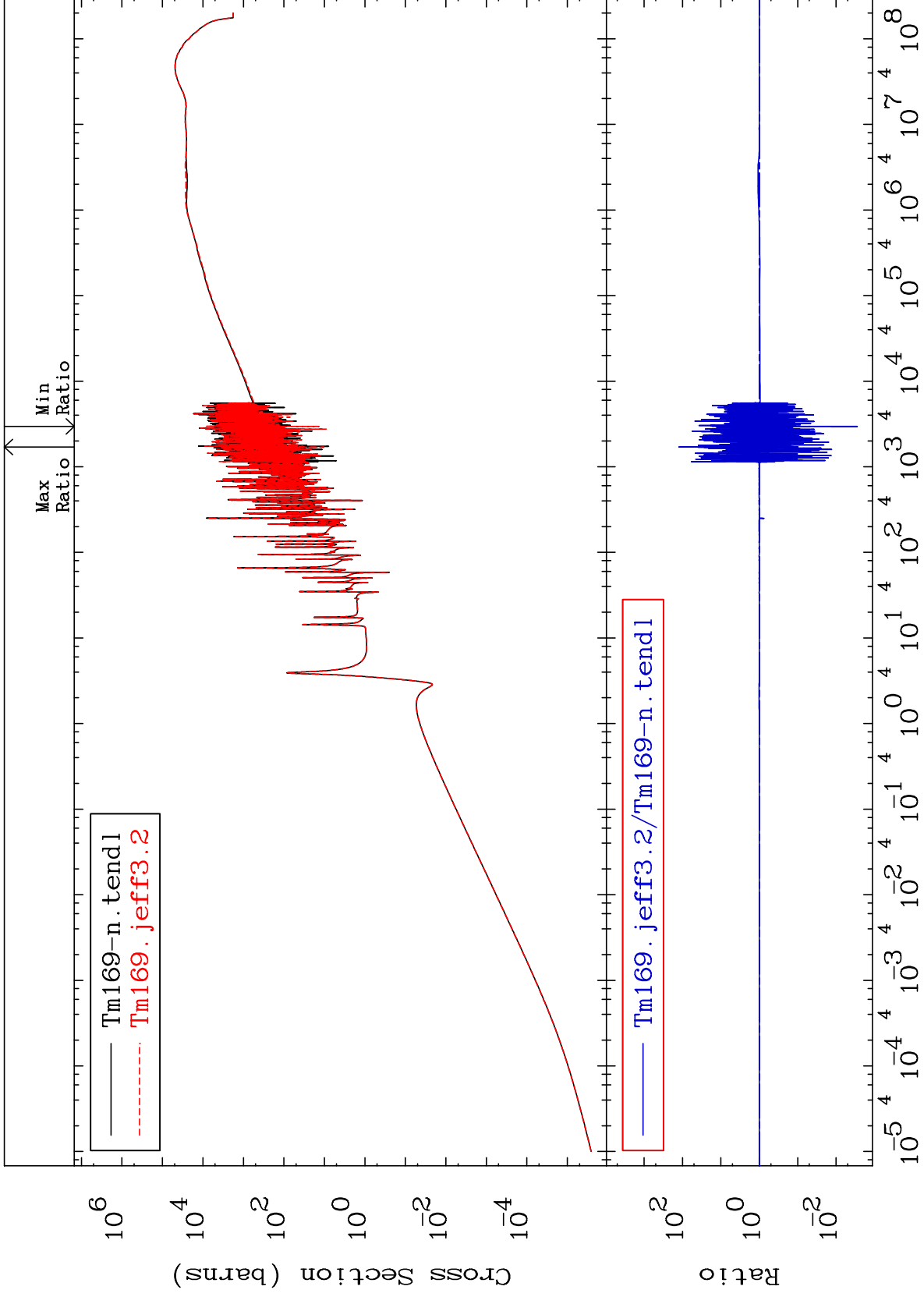
69-Tm-169
-32.22 To 112.5 %

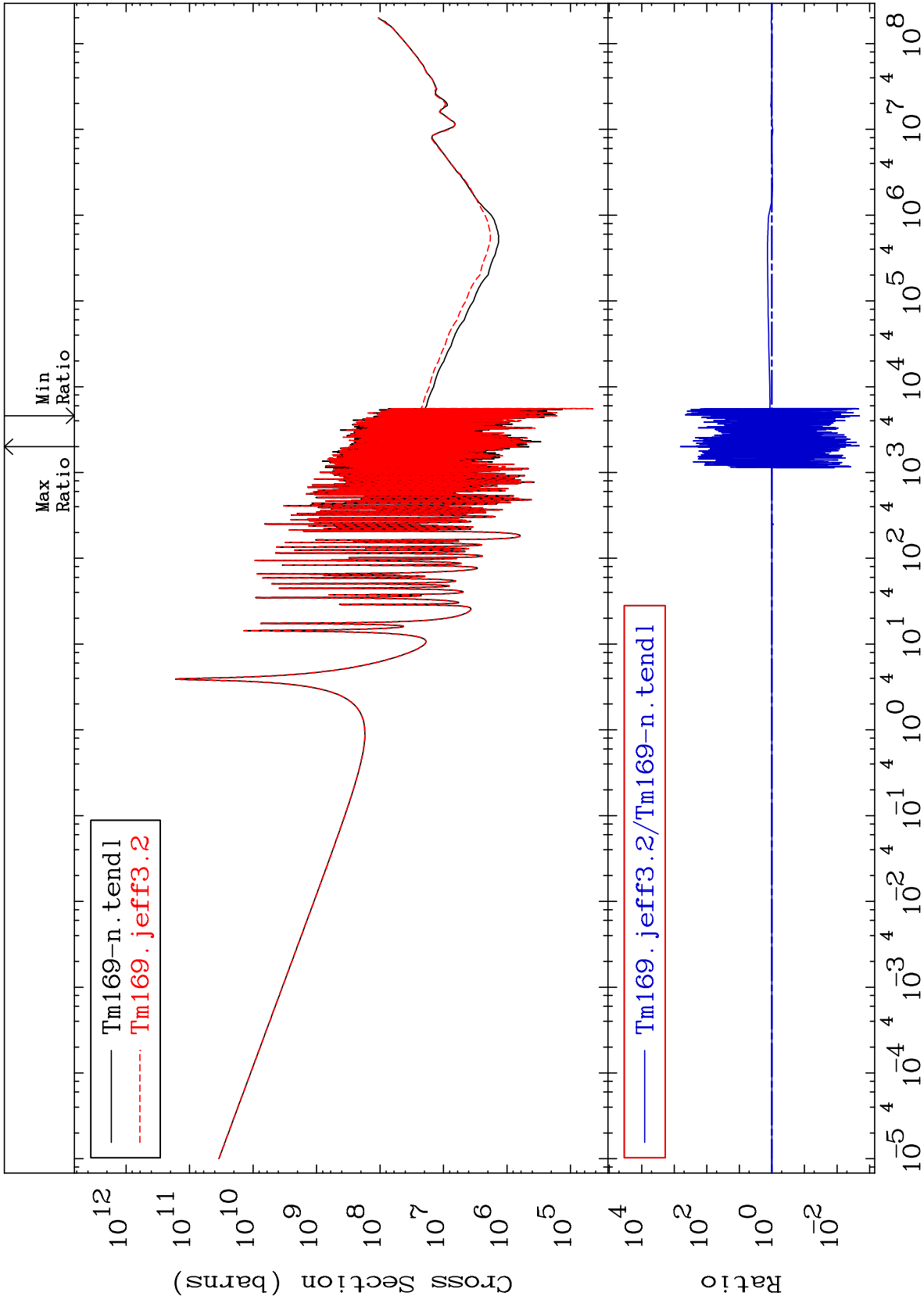


Cross Section

-99.79 To 9999. %



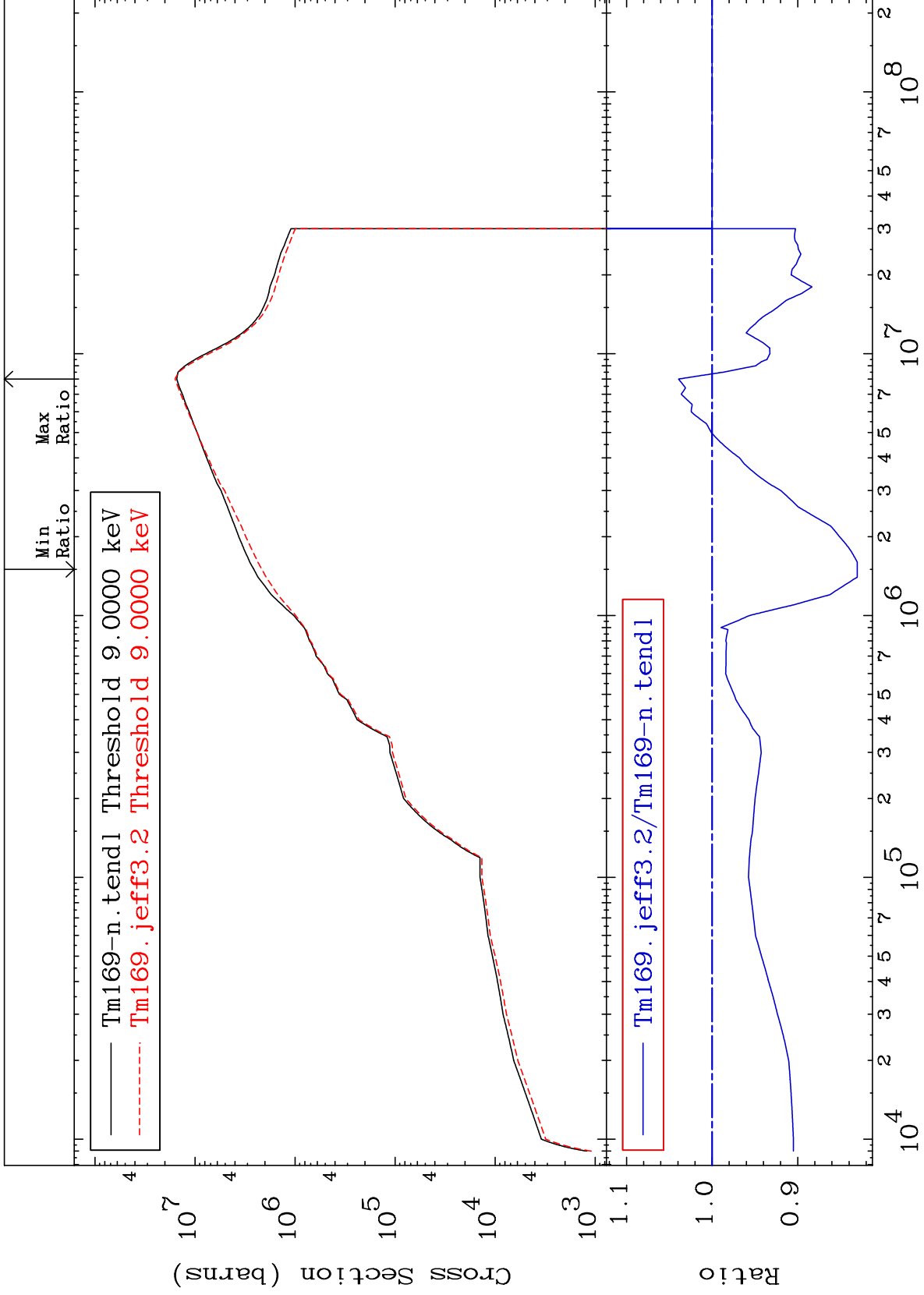




MAT 6925

Kerma inelastic (mt51-91)
Cross Section

69-Tm-169
-16.96 To 3.911 %



69

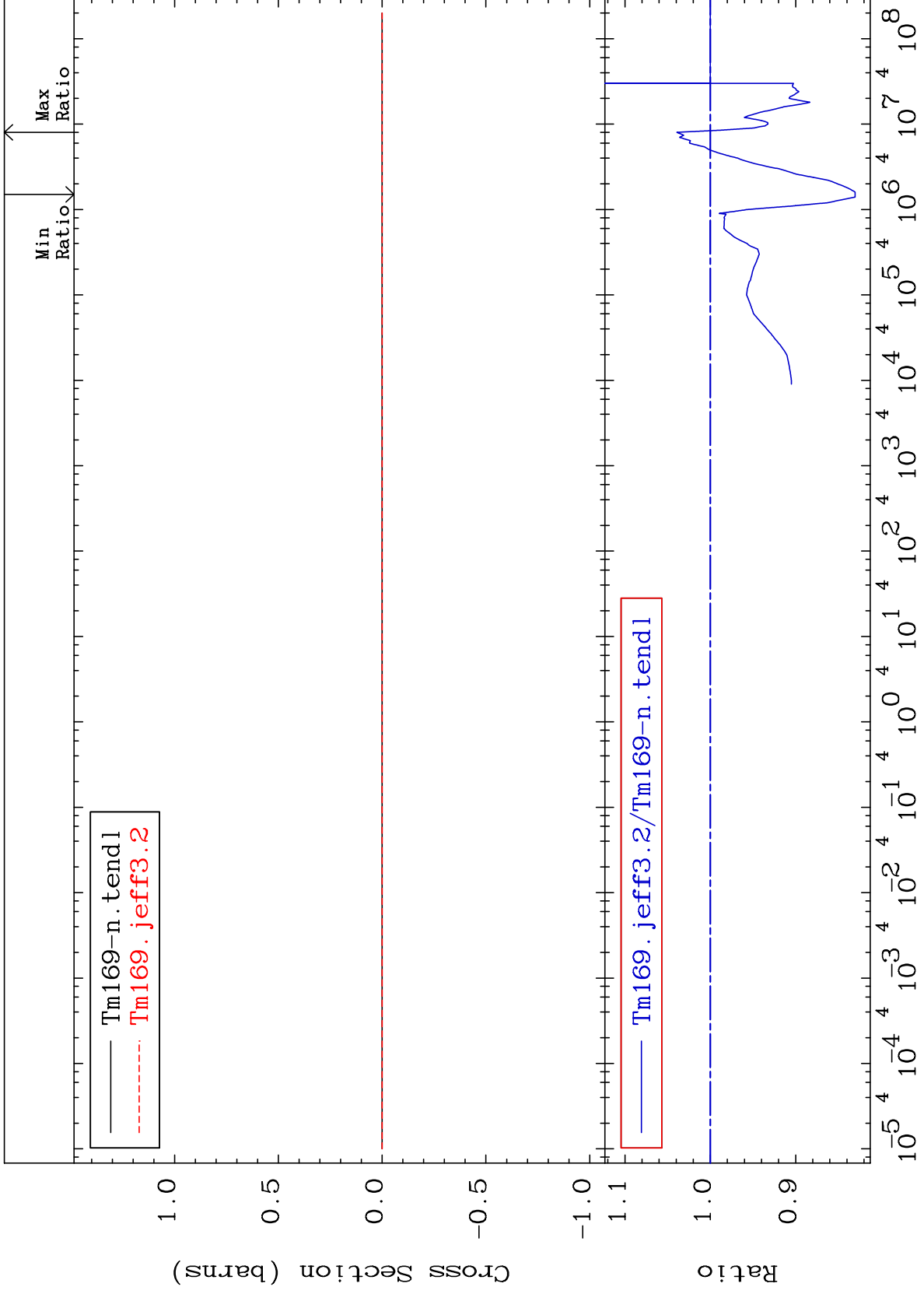
Incident Energy (eV)

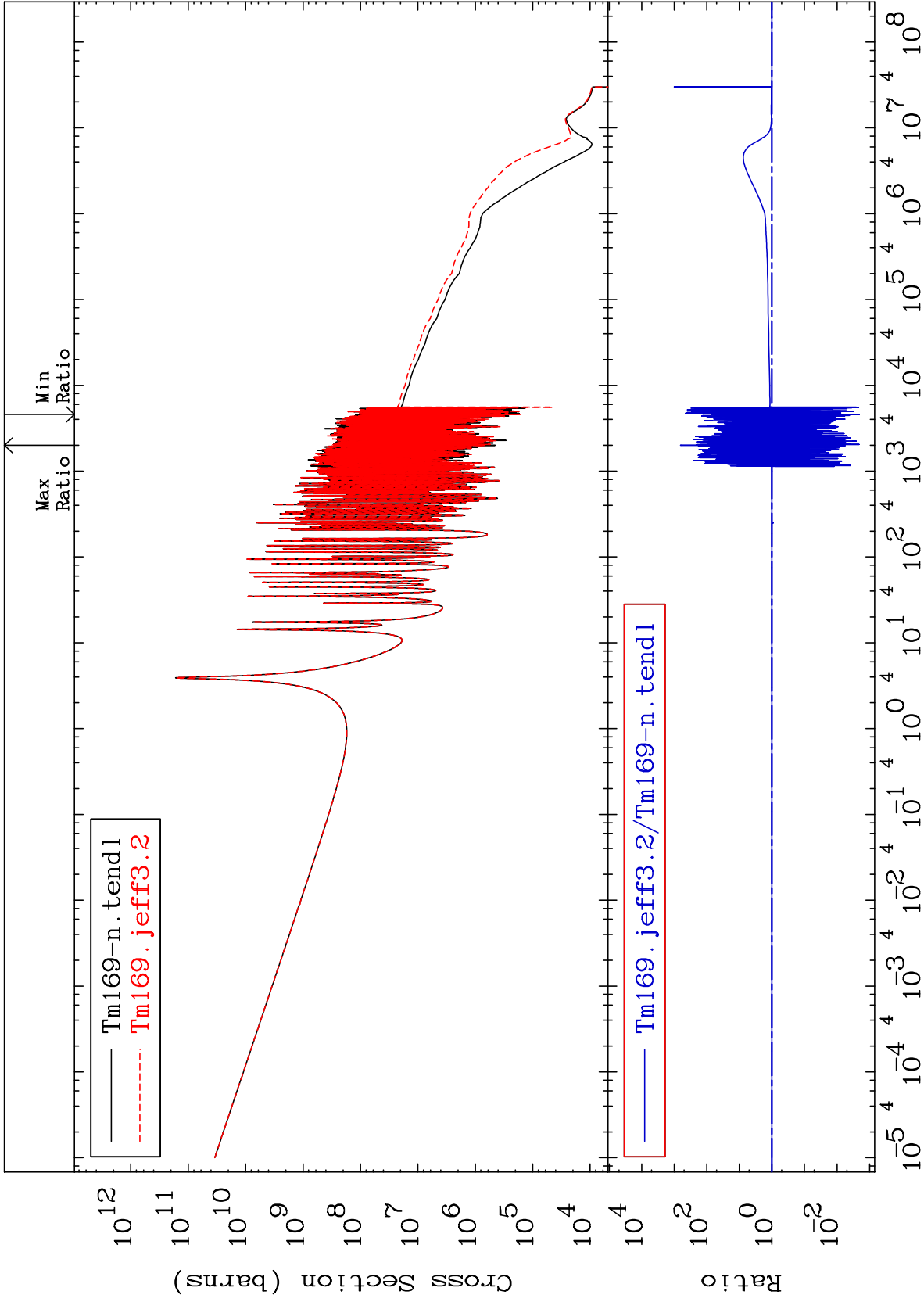
69-Tm-169

MAT 6925

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

69-Tm-169
-16.96 To 3.911 %

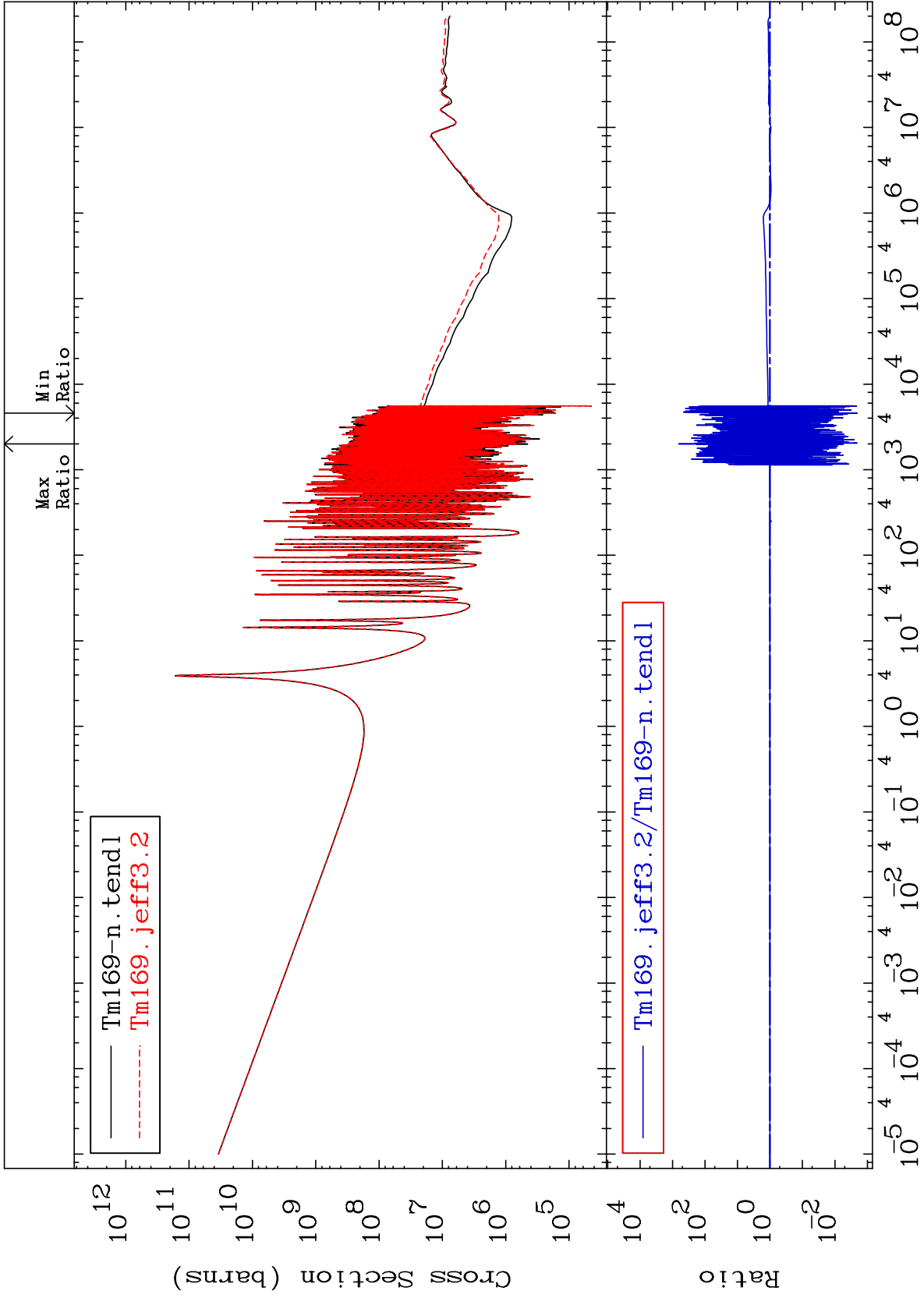




MAT 6925

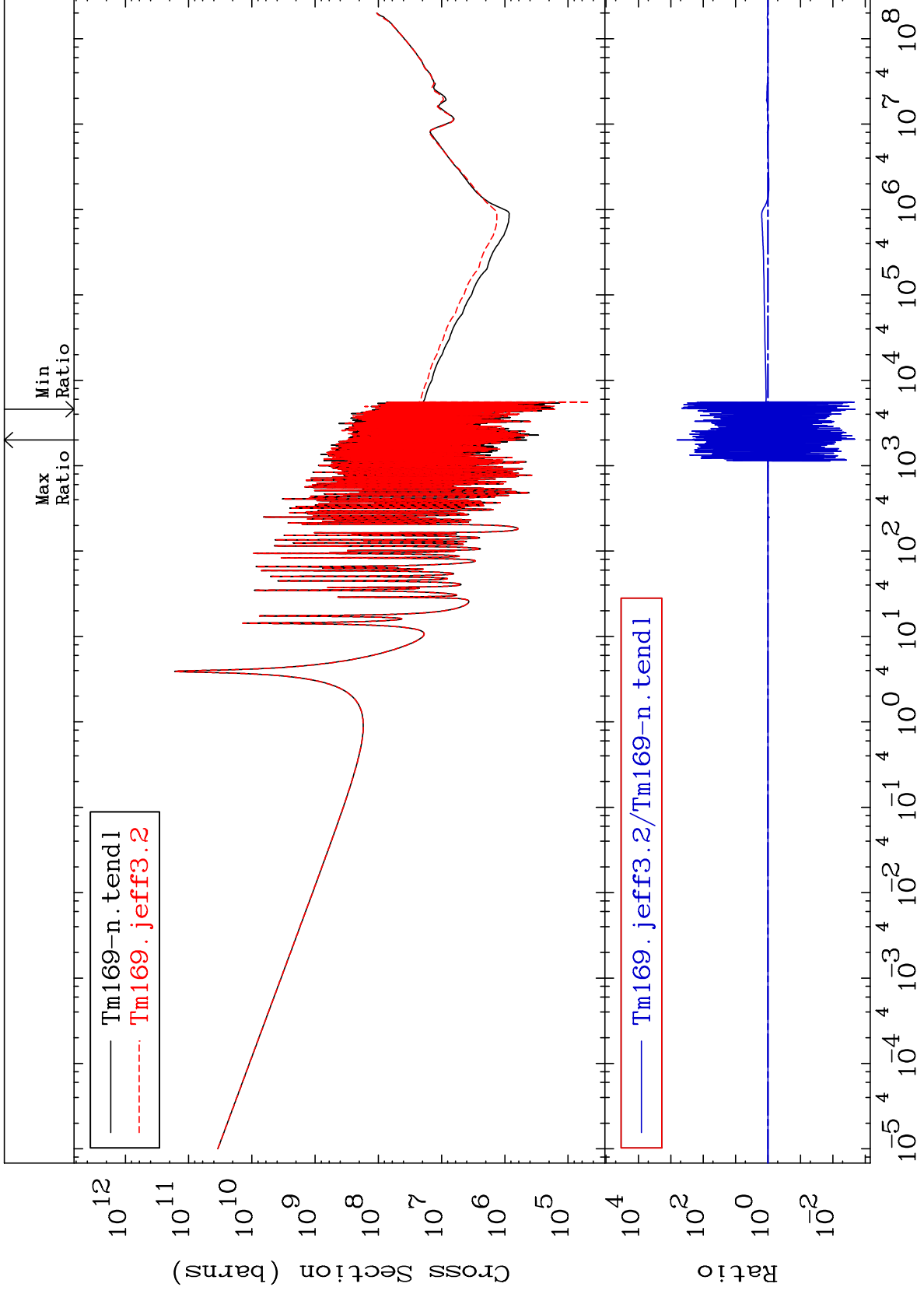
Total photon (eV-barns)
Cross Section

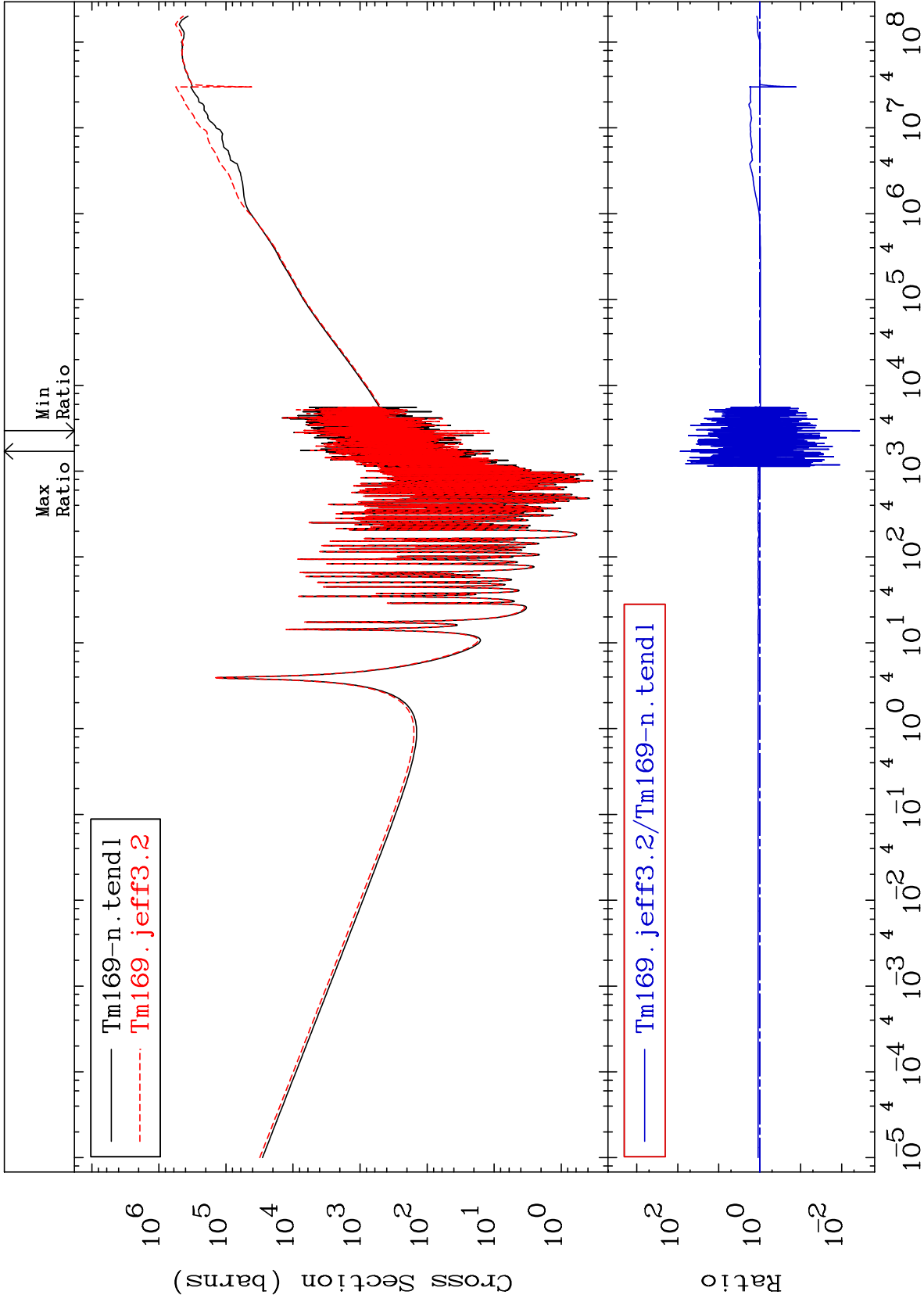
69-Tm-169
-99.79 To 9999. %



72

69-Tm-169

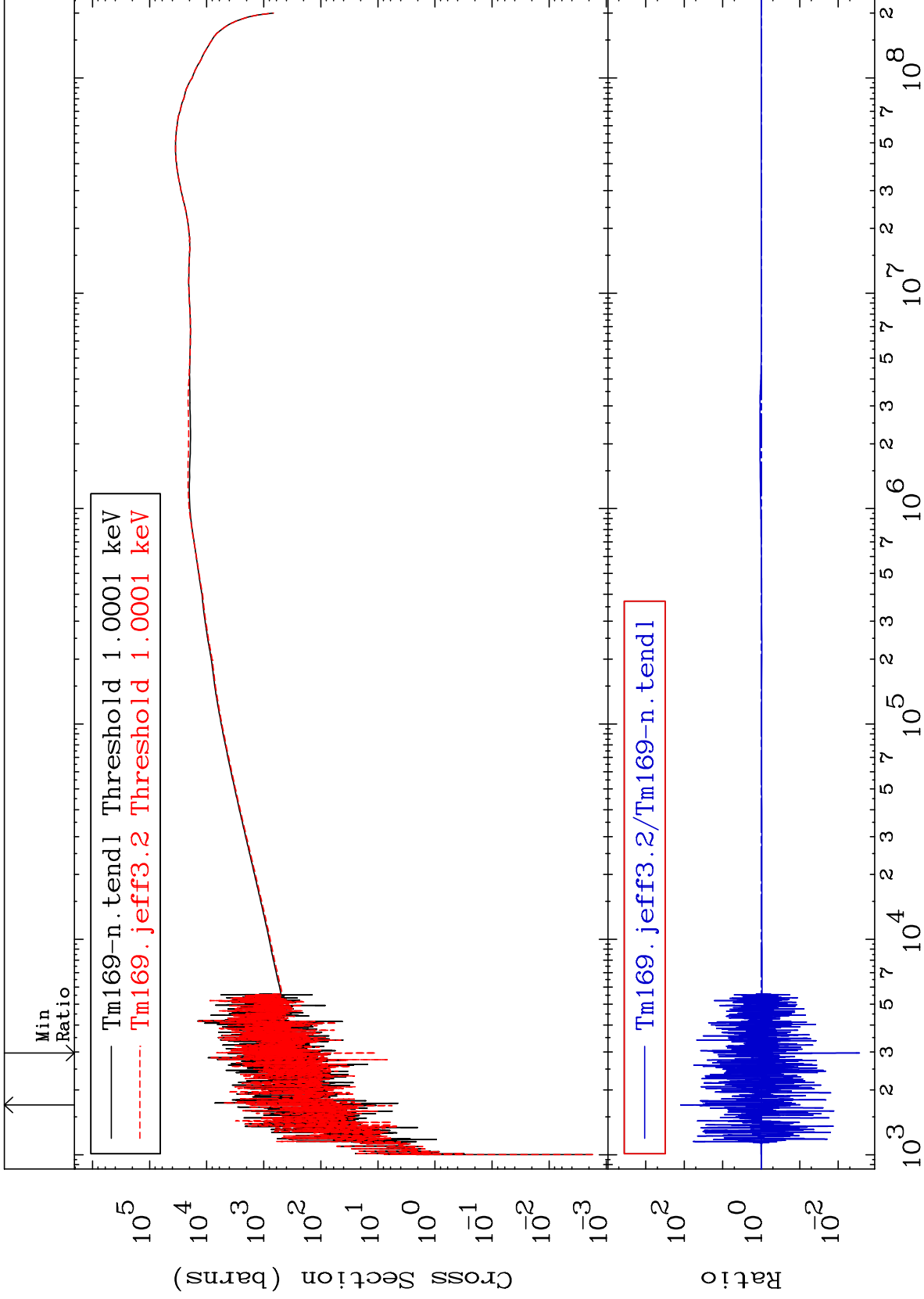




MAT 6925

Dpa elastic (mt2)
Cross Section

69-Tm-169
-99.72 To 9999. %



75

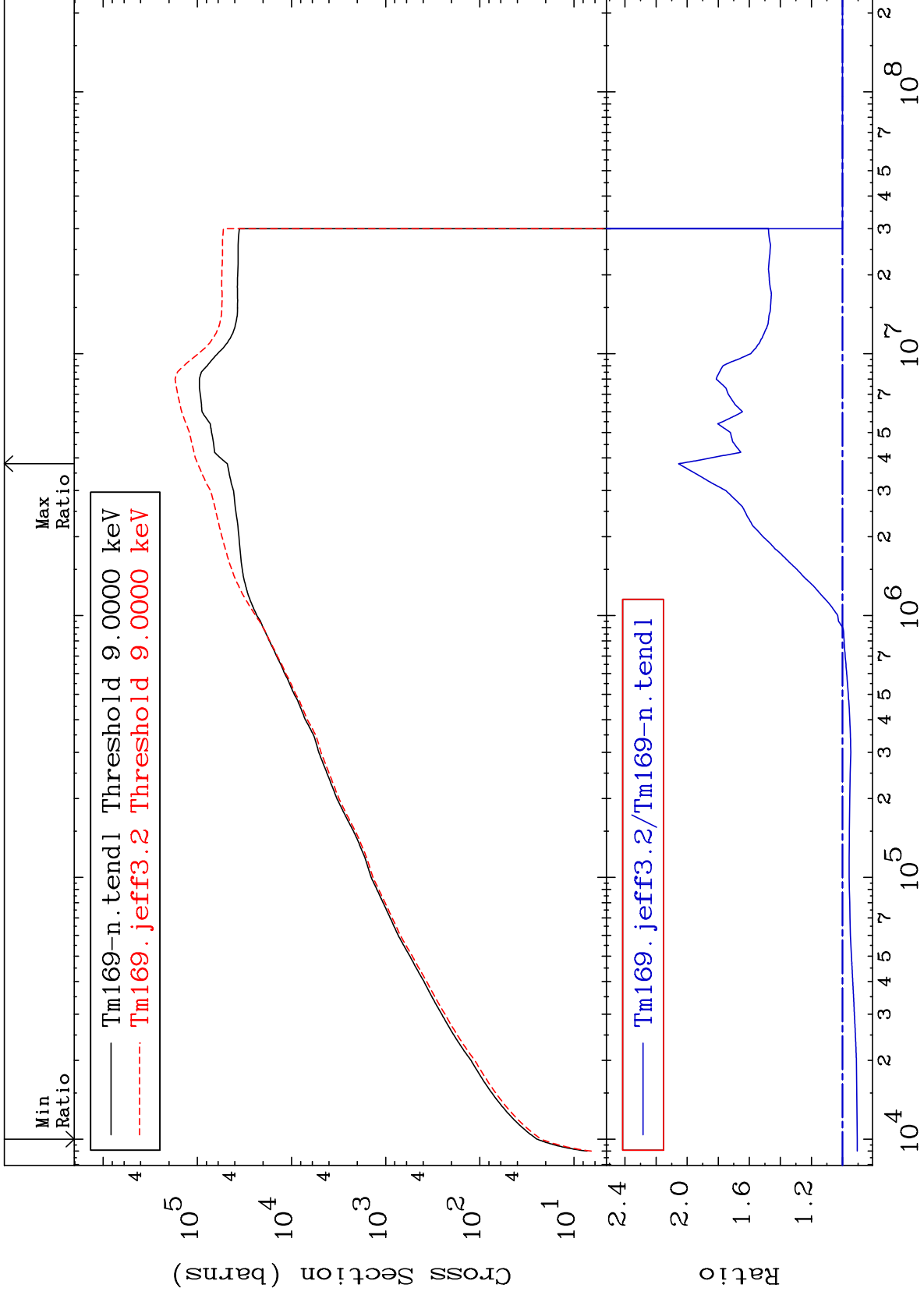
Incident Energy (eV)

69-Tm-169

MAT 6925

Dpa inelastic (mt51-91)
Cross Section

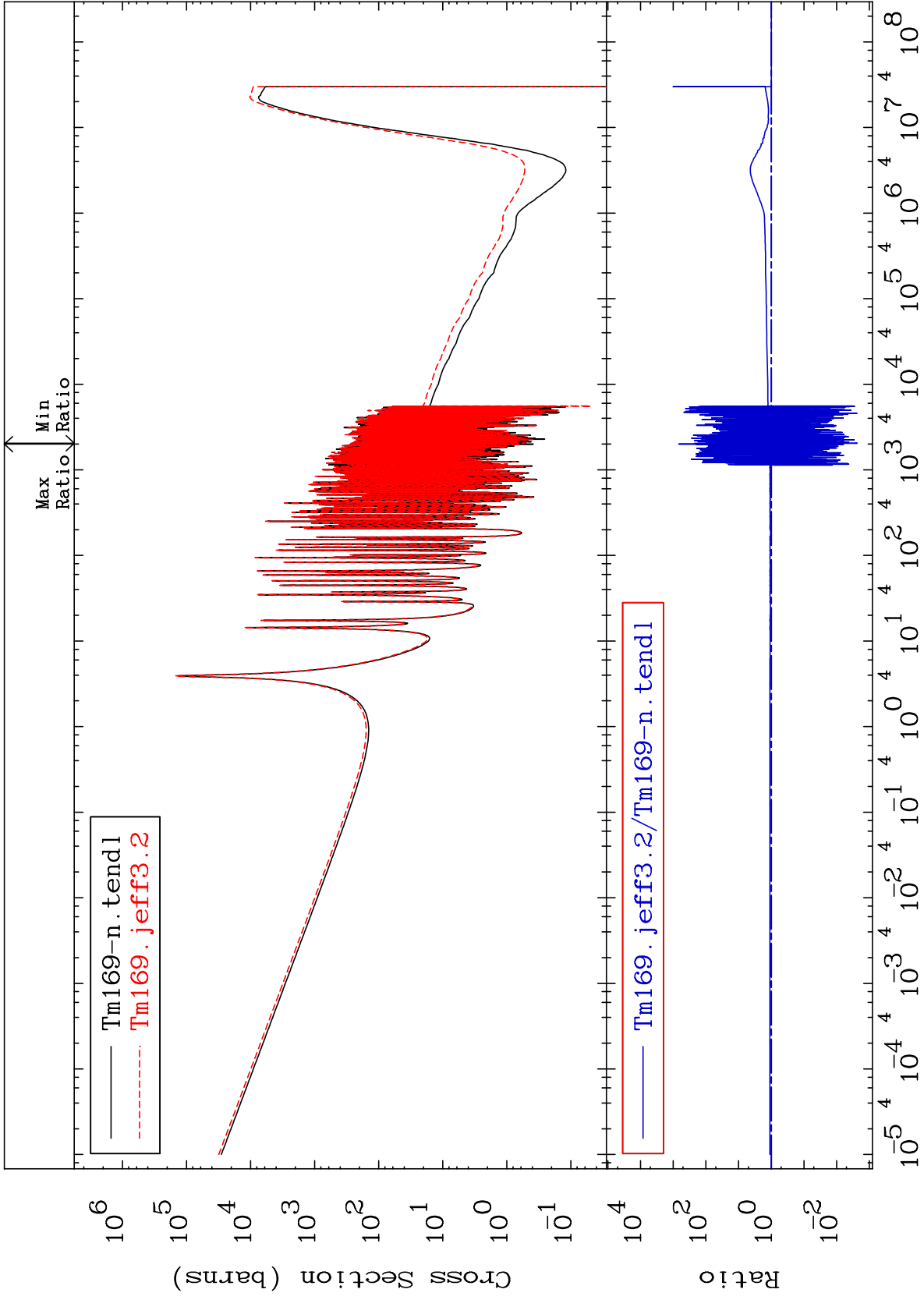
69-Tm-169
-9.497 To 105.5 %



76

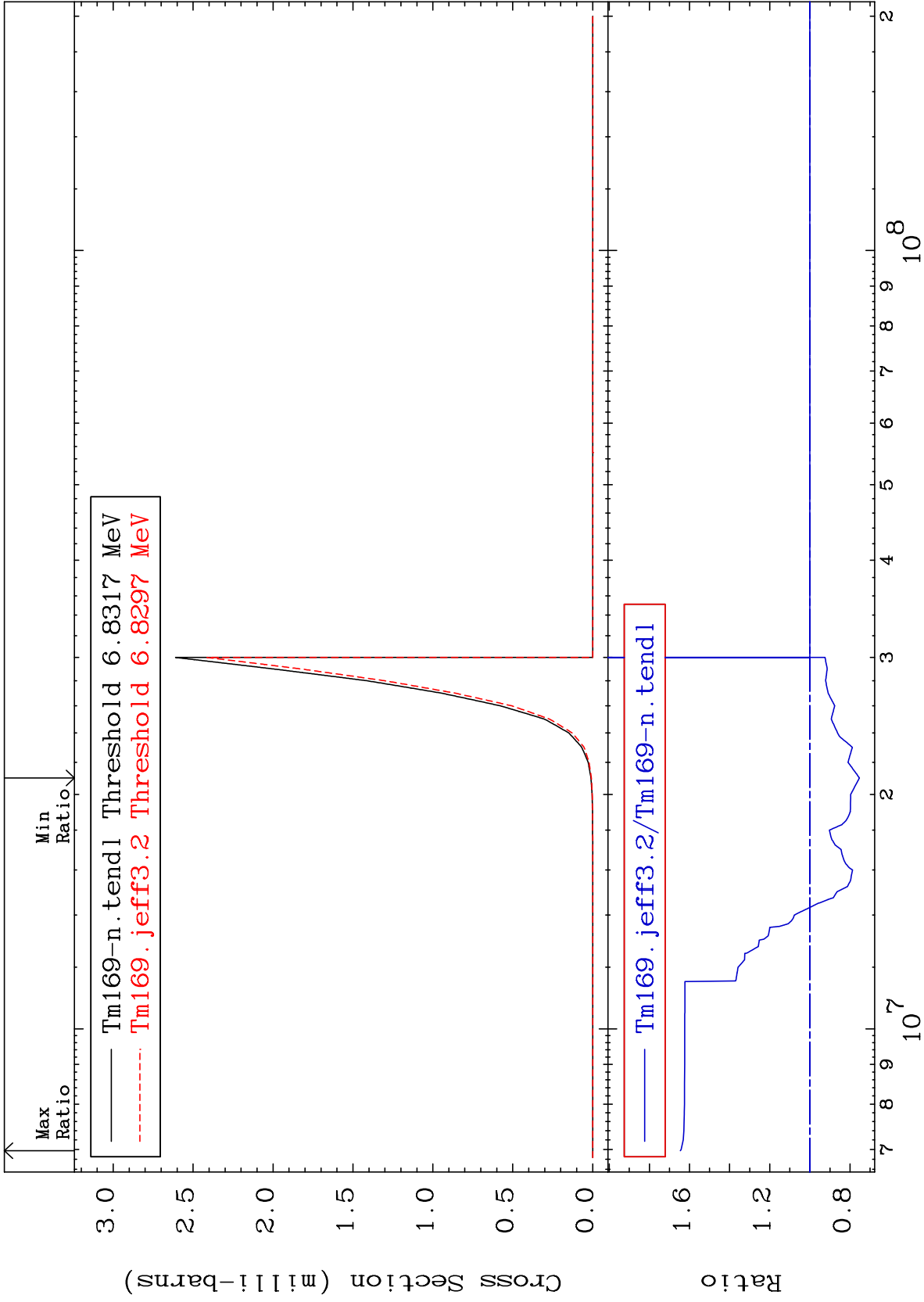
Incident Energy (eV)

69-Tm-169



MAT 6925

(n,2n) α : 67-Ho-164g 69-Tm-169
Radionuclide Production Cross Section -24.71 To 64.55 %



78

69-Tm-169

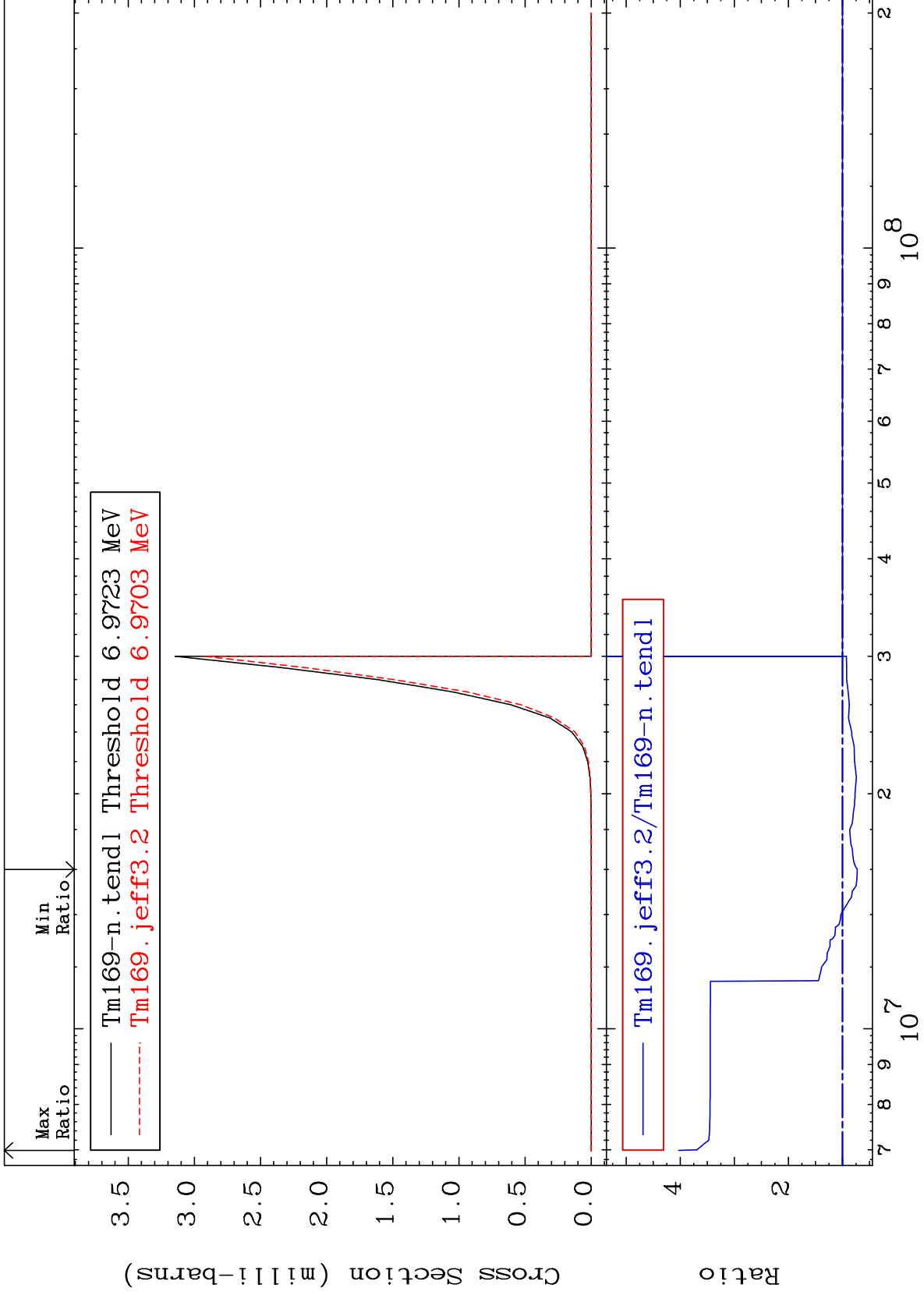
69-Tm-169

MAT 6925

(n,2n) α :67-Ho-164m3

69-Tm-169

Radionuclide Production Cross Section -27.17 To 303.0 %



79

Incident Energy (eV)

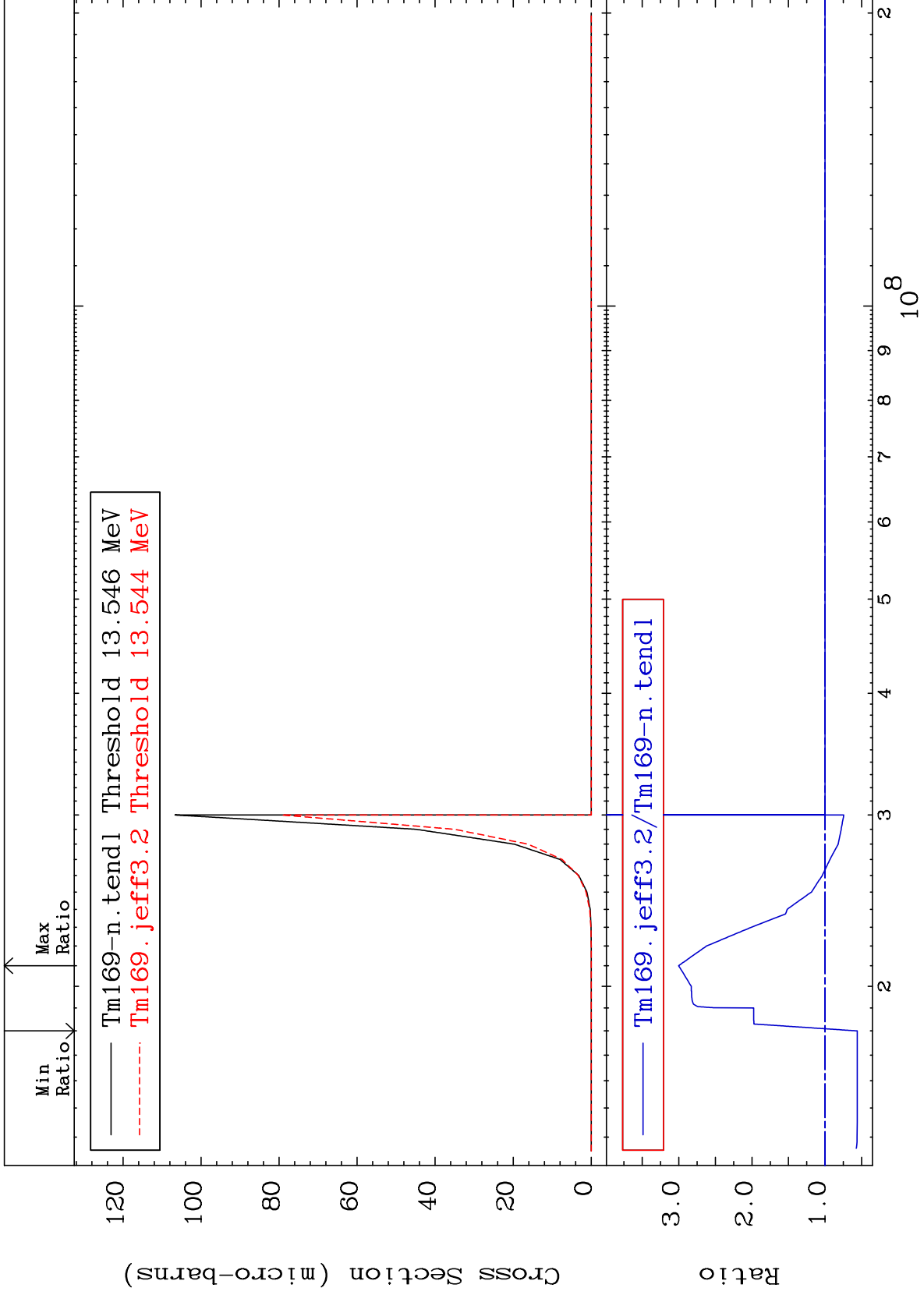
69-Tm-169

MAT 6925

(n,3n) α : 67-Ho-163g

69-Tm-169

Radionuclide Production Cross Section -44.00 To 200.2 %



80

Incident Energy (eV)

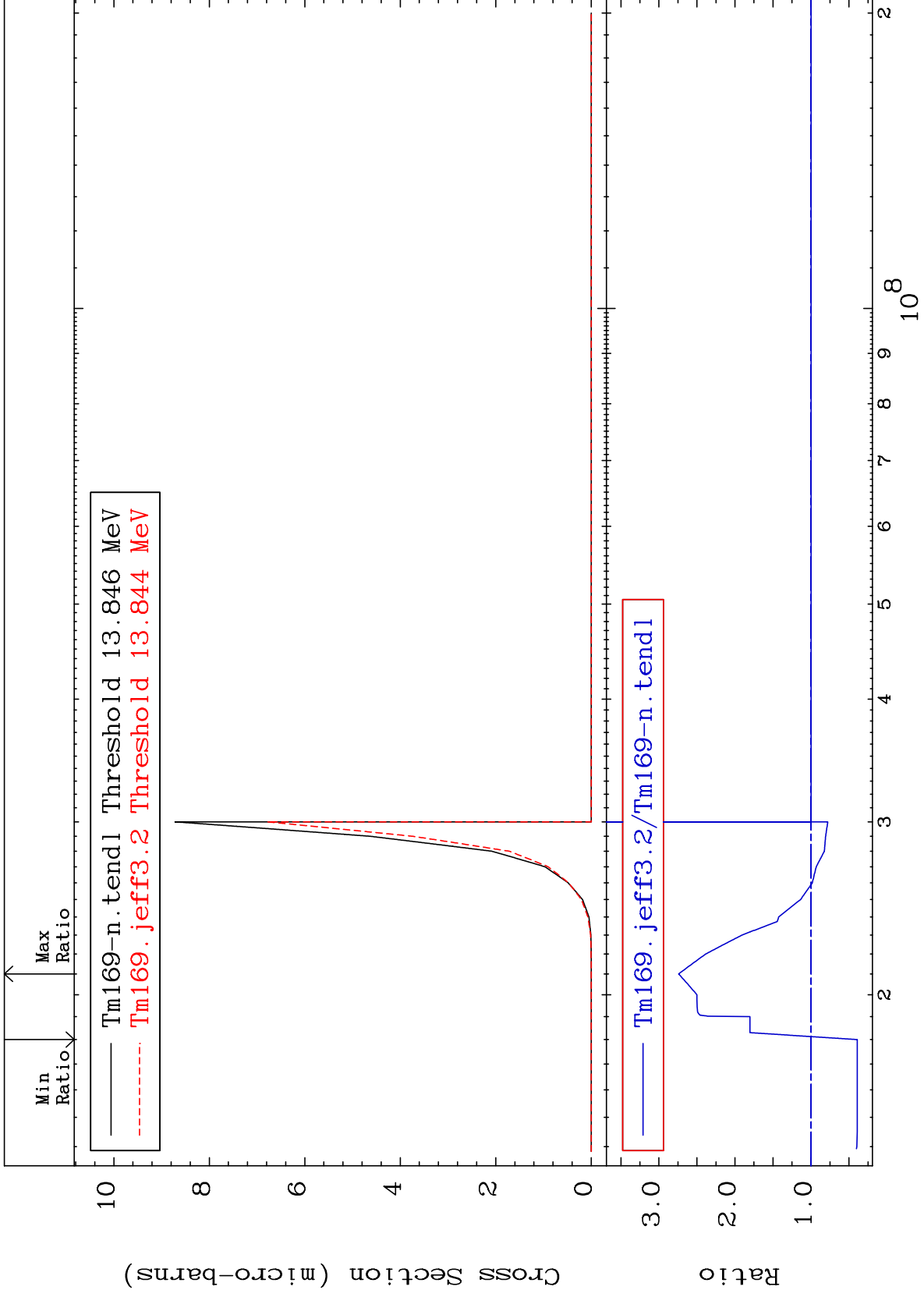
69-Tm-169

MAT 6925

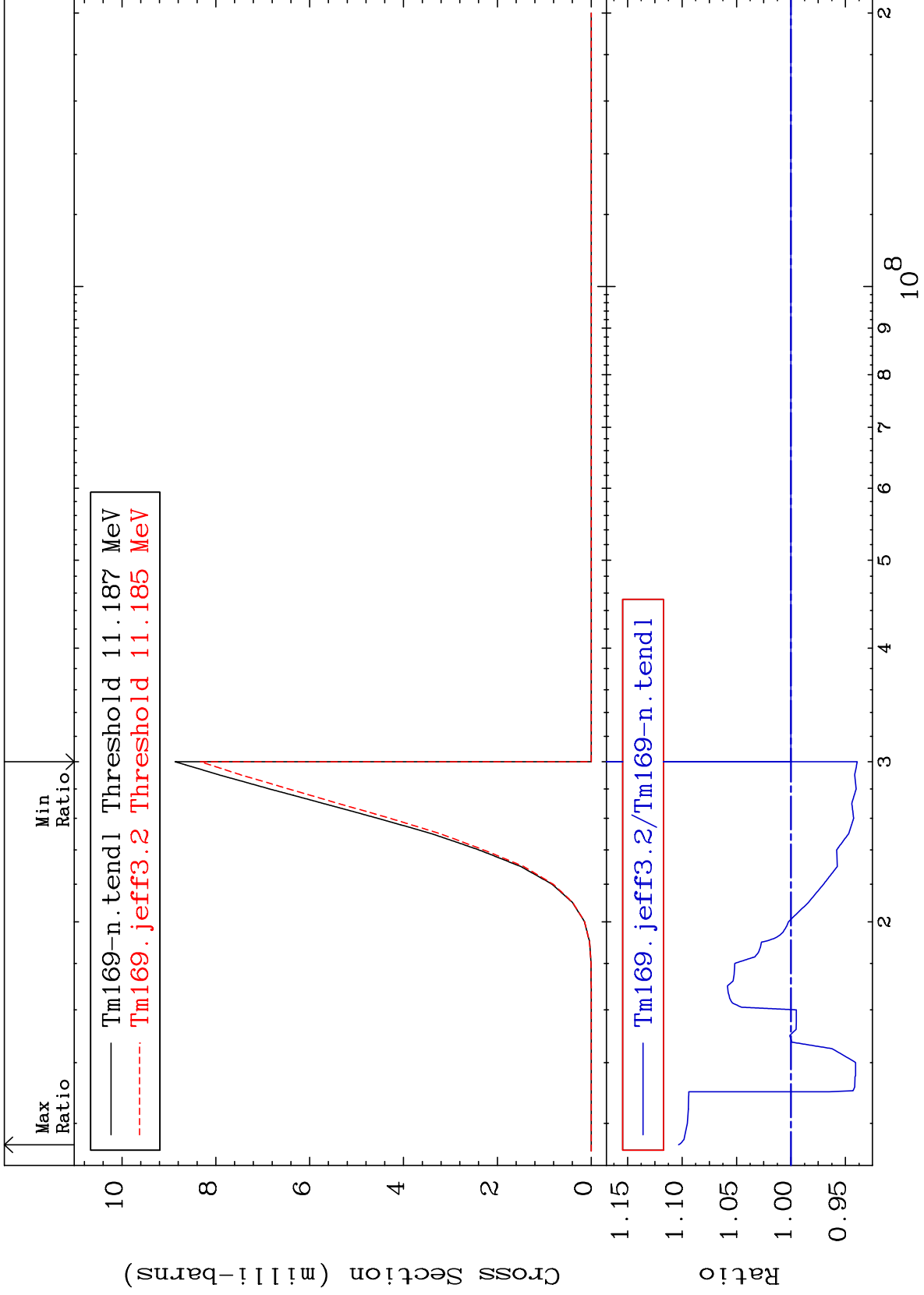
(n,3n) α :67-Ho-163m3

69-Tm-169

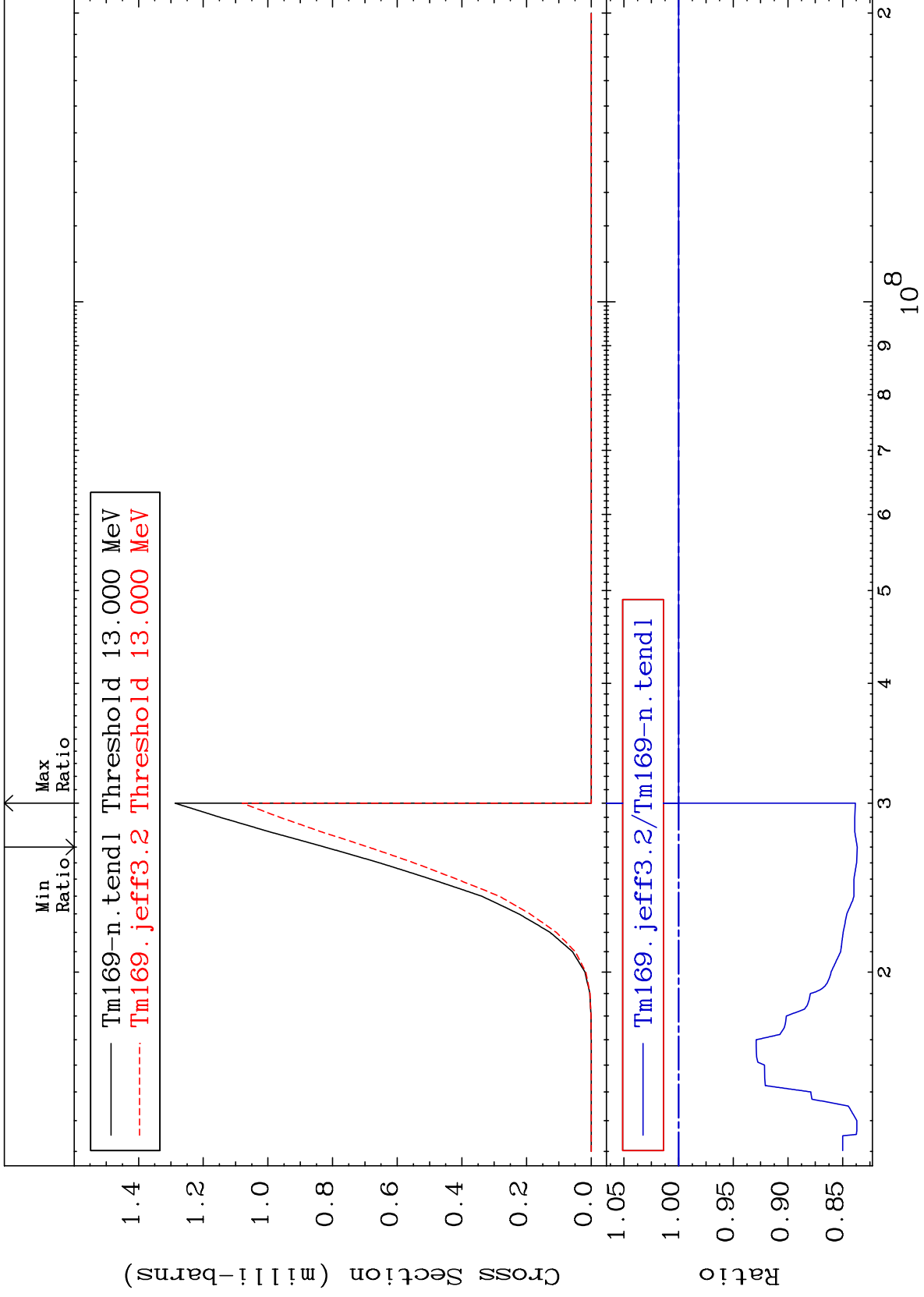
Radionuclide Production Cross Section -60.84 To 174.1 %

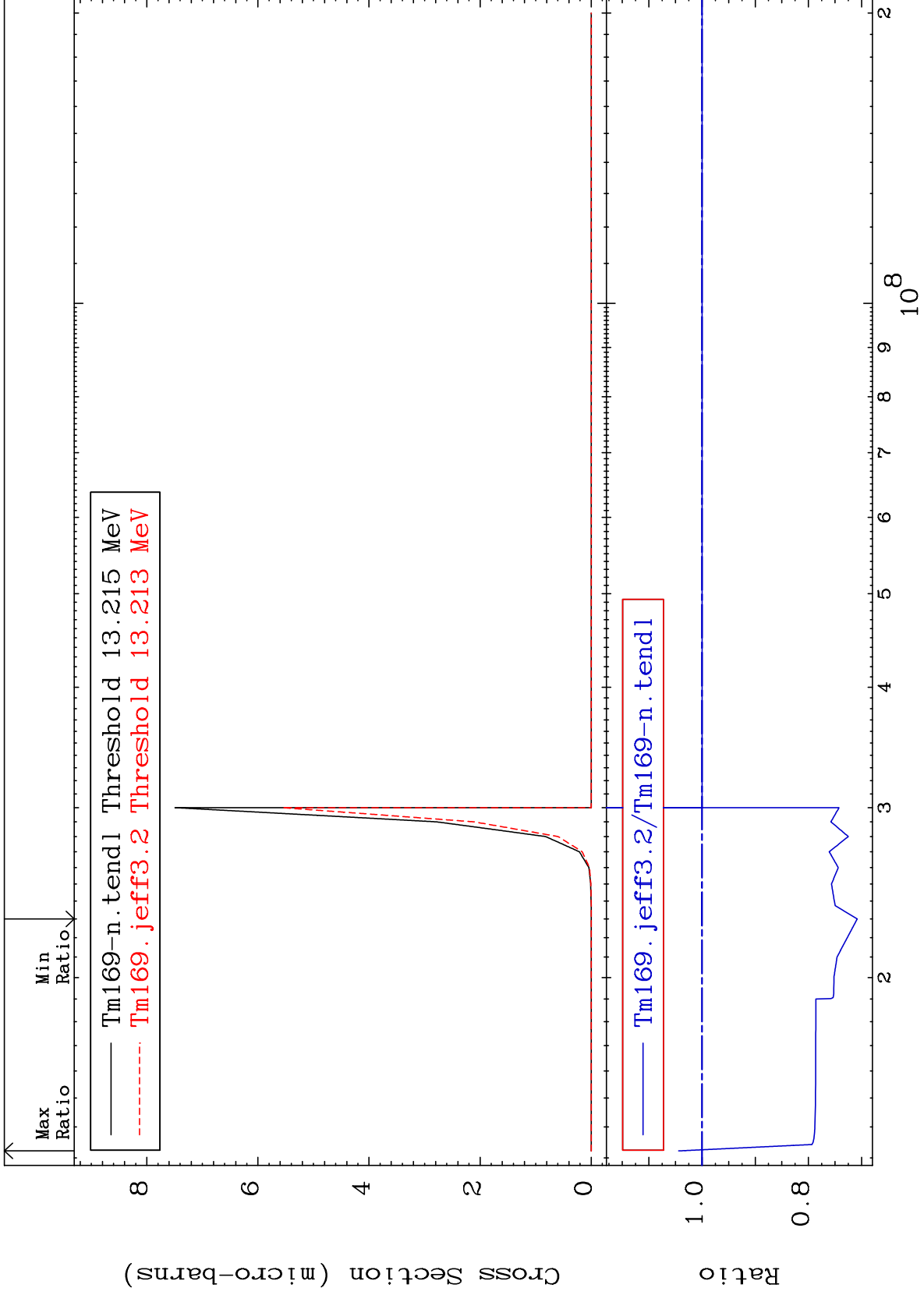


Radionuclide Production Cross Section -6.083 To 10.31 %



Radionuclide Production Cross Section -16.34 To 0.000 %





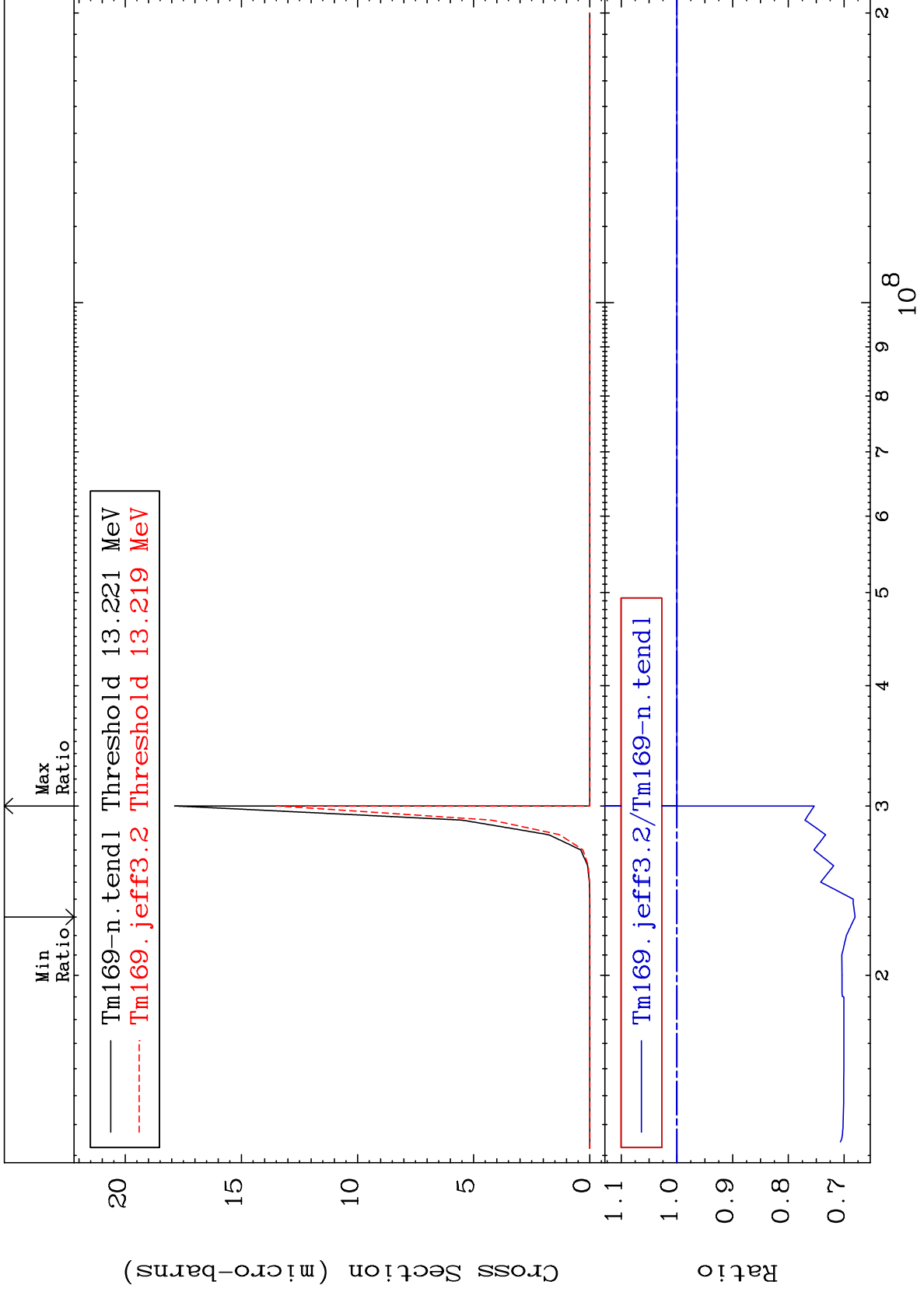
MAT 6925

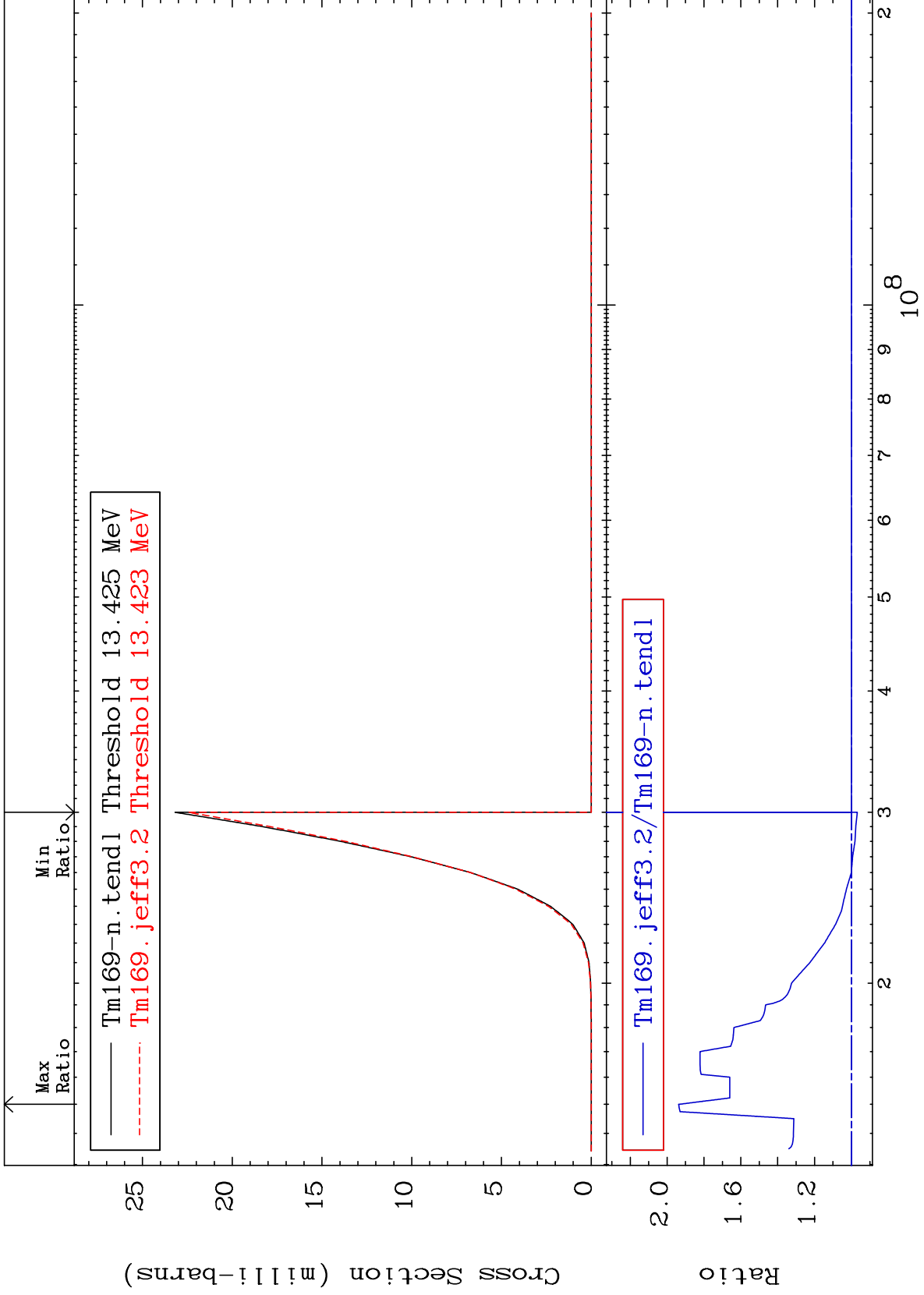
(n, n') He-3:67-Ho-166m1

69-Tm-169

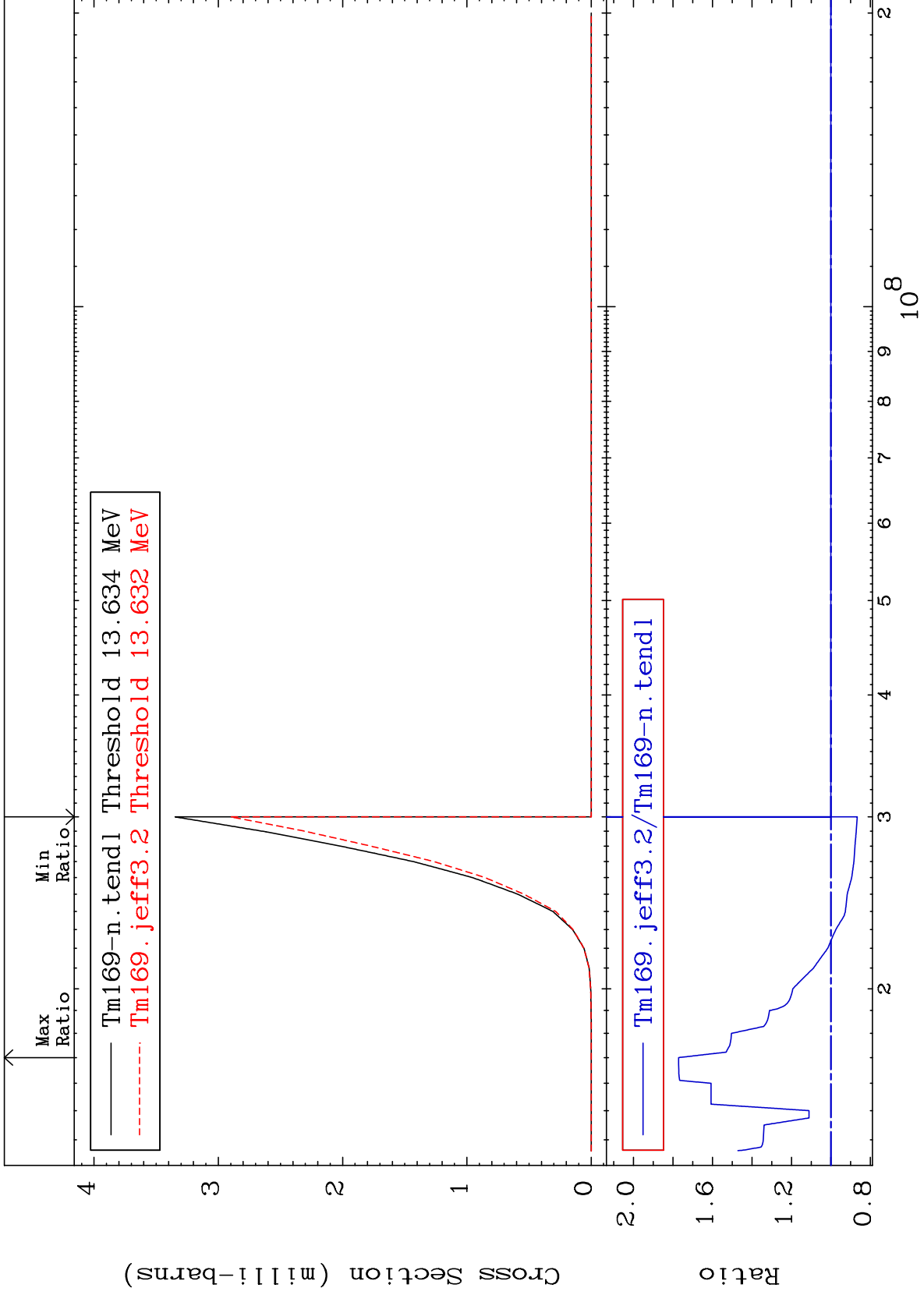
Radionuclide Production Cross Section

-31.97 To 0.000 %





Radionuclide Production Cross Section -13.33 To 77.14 %

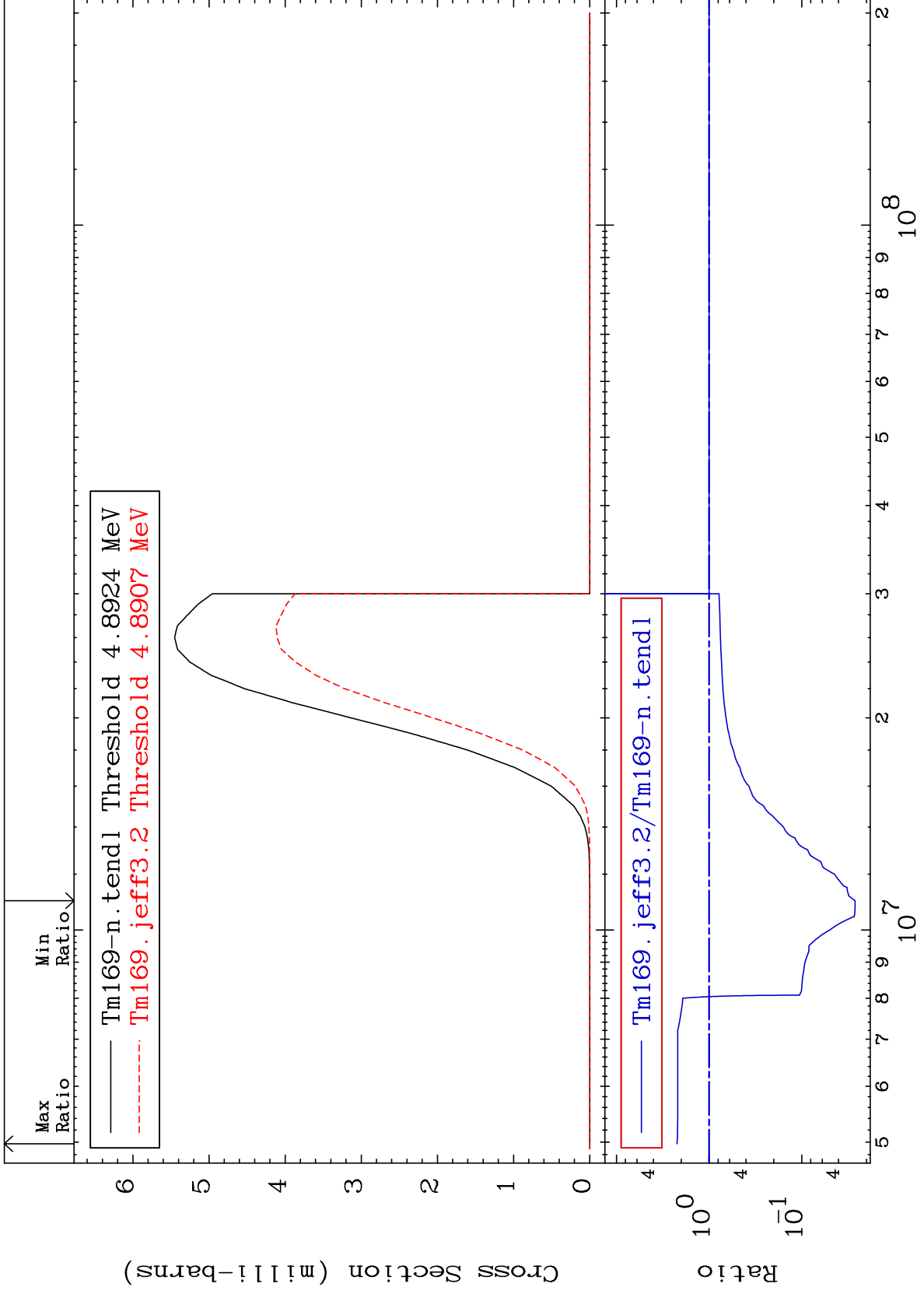


MAT 6925

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

69-Tm-169

Radionuclide Production Cross Section -97.35 To 122.5 %

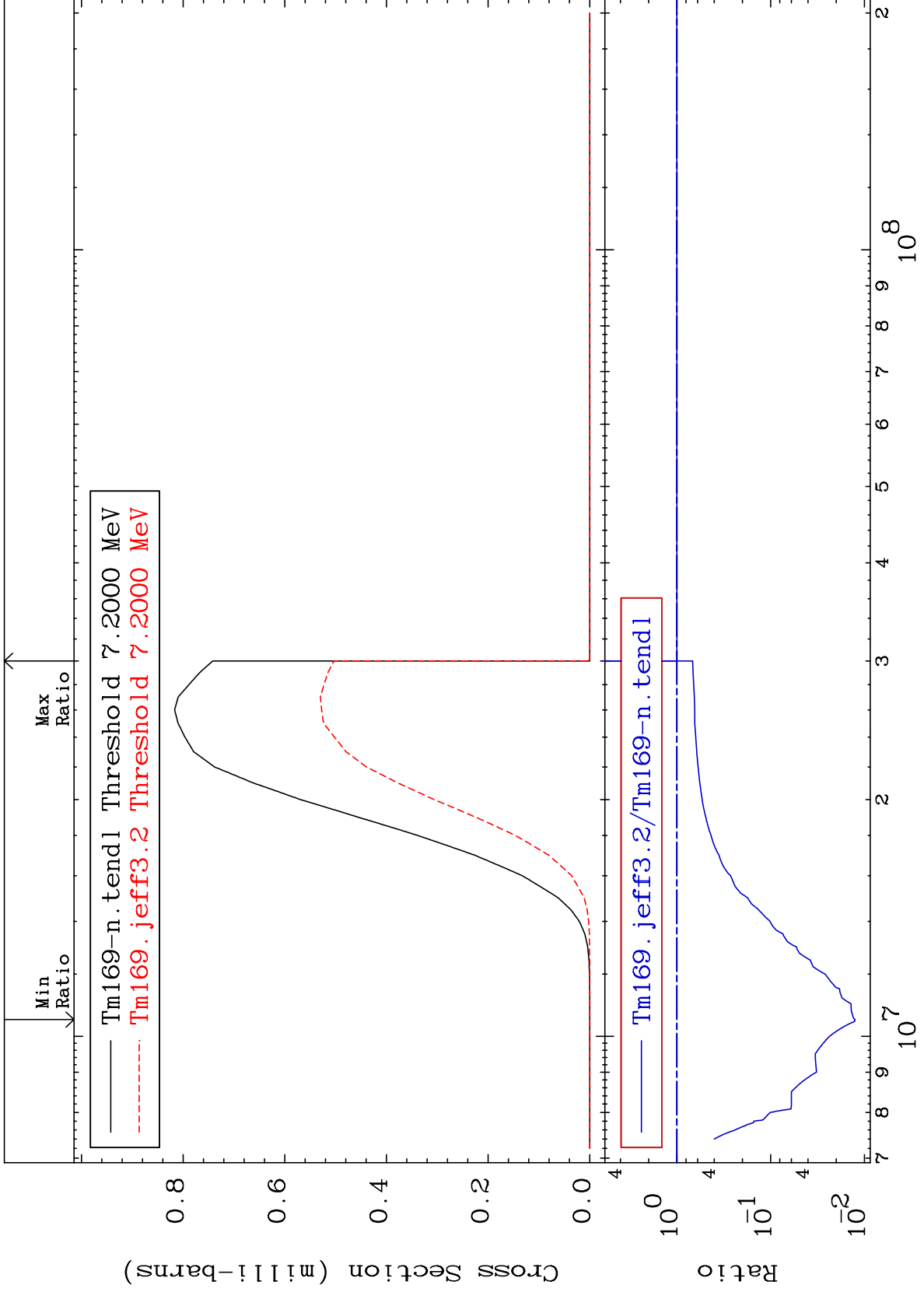


MAT 6925

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

69-Tm-169

Radionuclide Production Cross Section -98.74 To 0.000 %

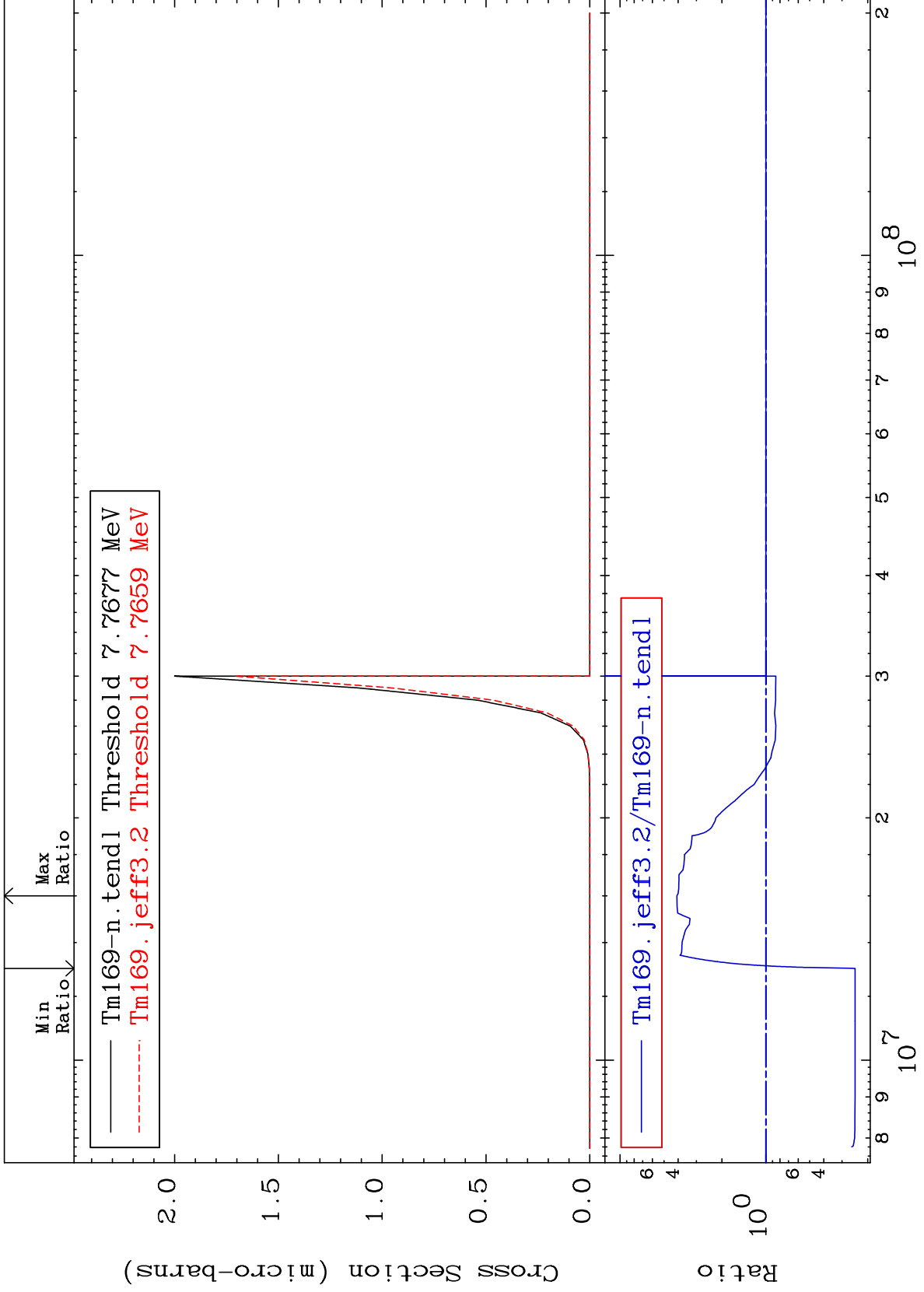


MAT 6925

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

69-Tm-169

Radionuclide Production Cross Section -75.60 To 307.5 %



90

Incident Energy (eV)

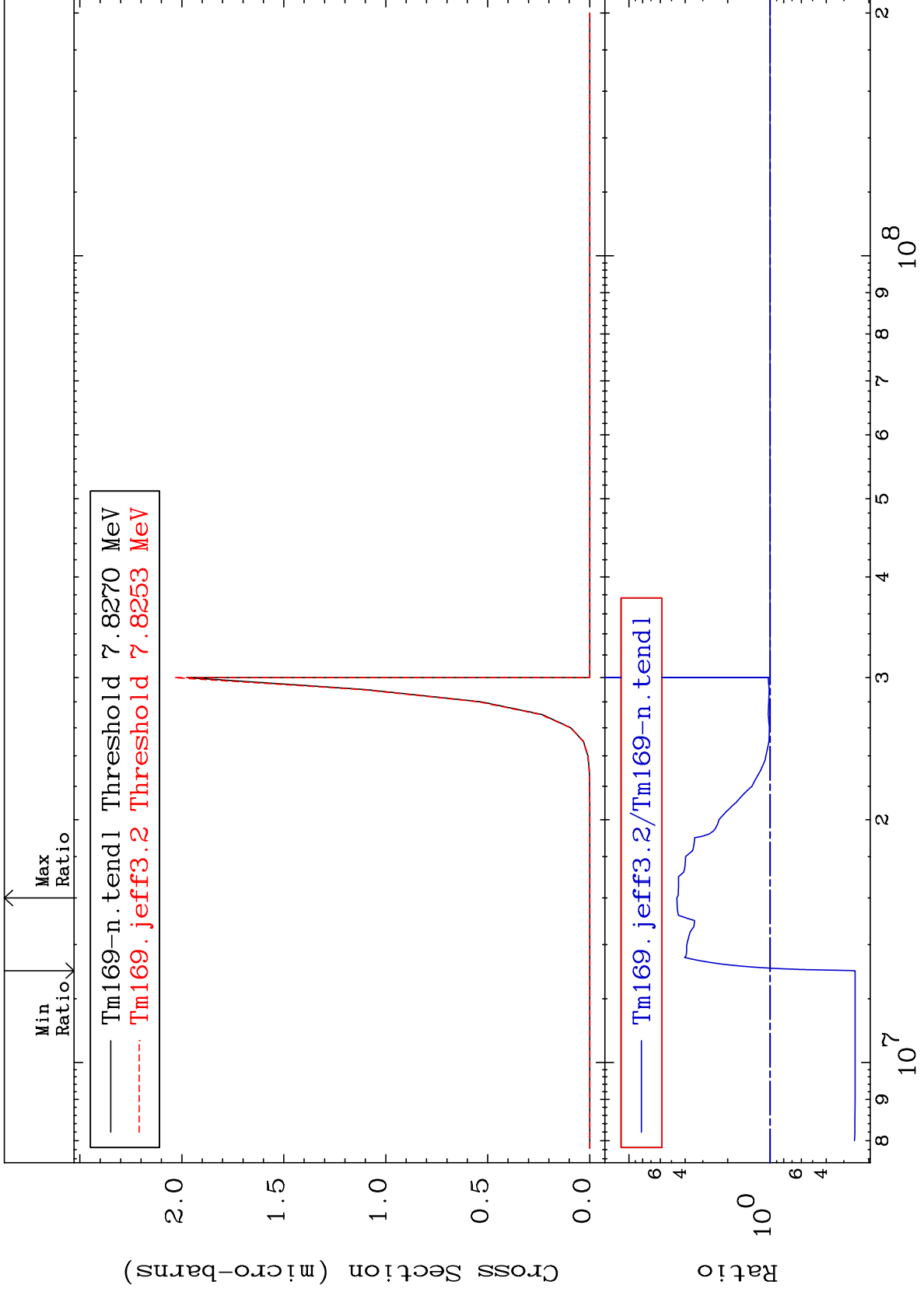
69-Tm-169

MAT 6925

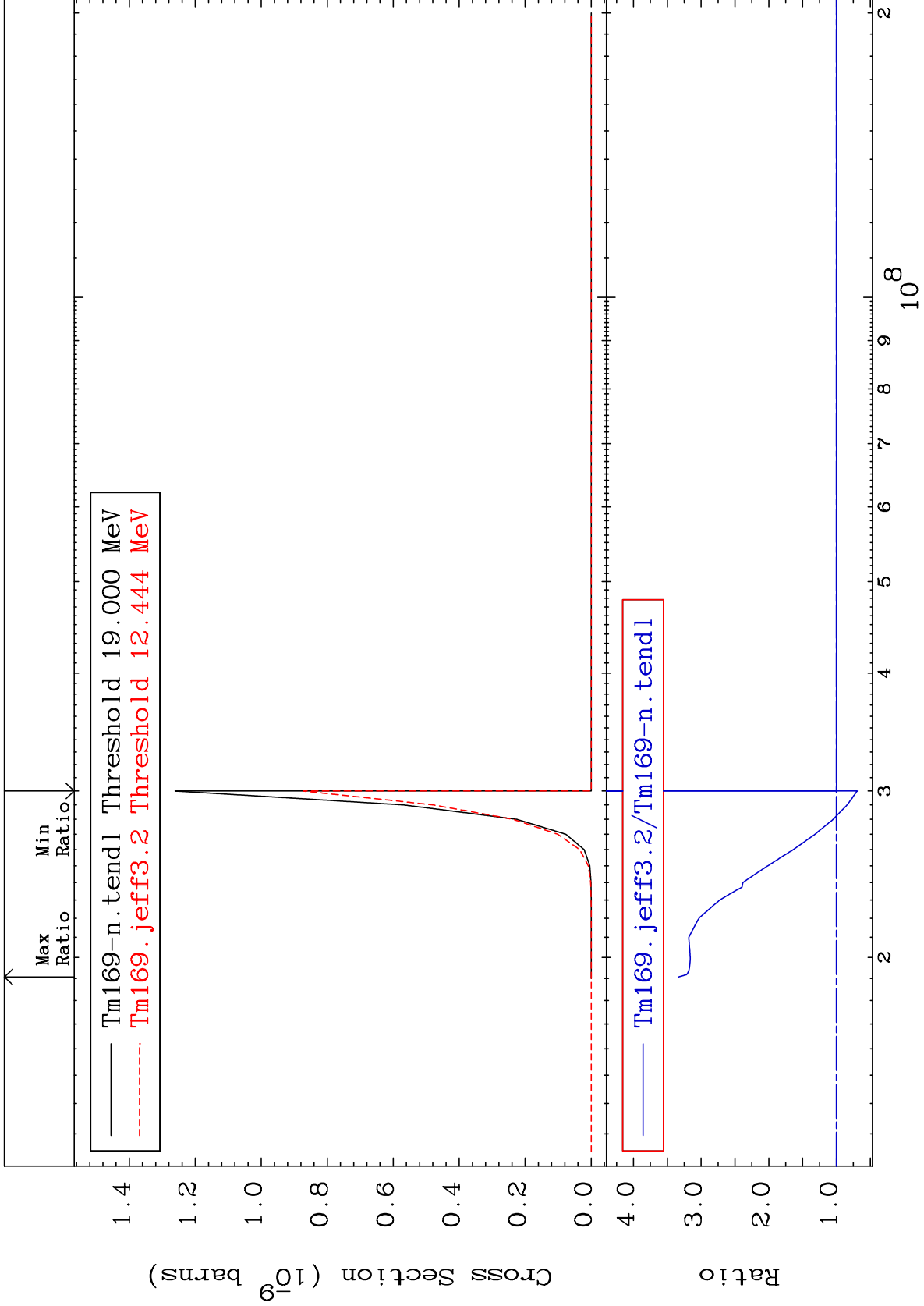
(n,2p):67-Ho-168m1

69-Tm-169

Radionuclide Production Cross Section -75.00 To 357.6 %



Radionuclide Production Cross Section -30.79 To 233.3 %



Radionuclide Production Cross Section -26.59 To 220.0 %

