

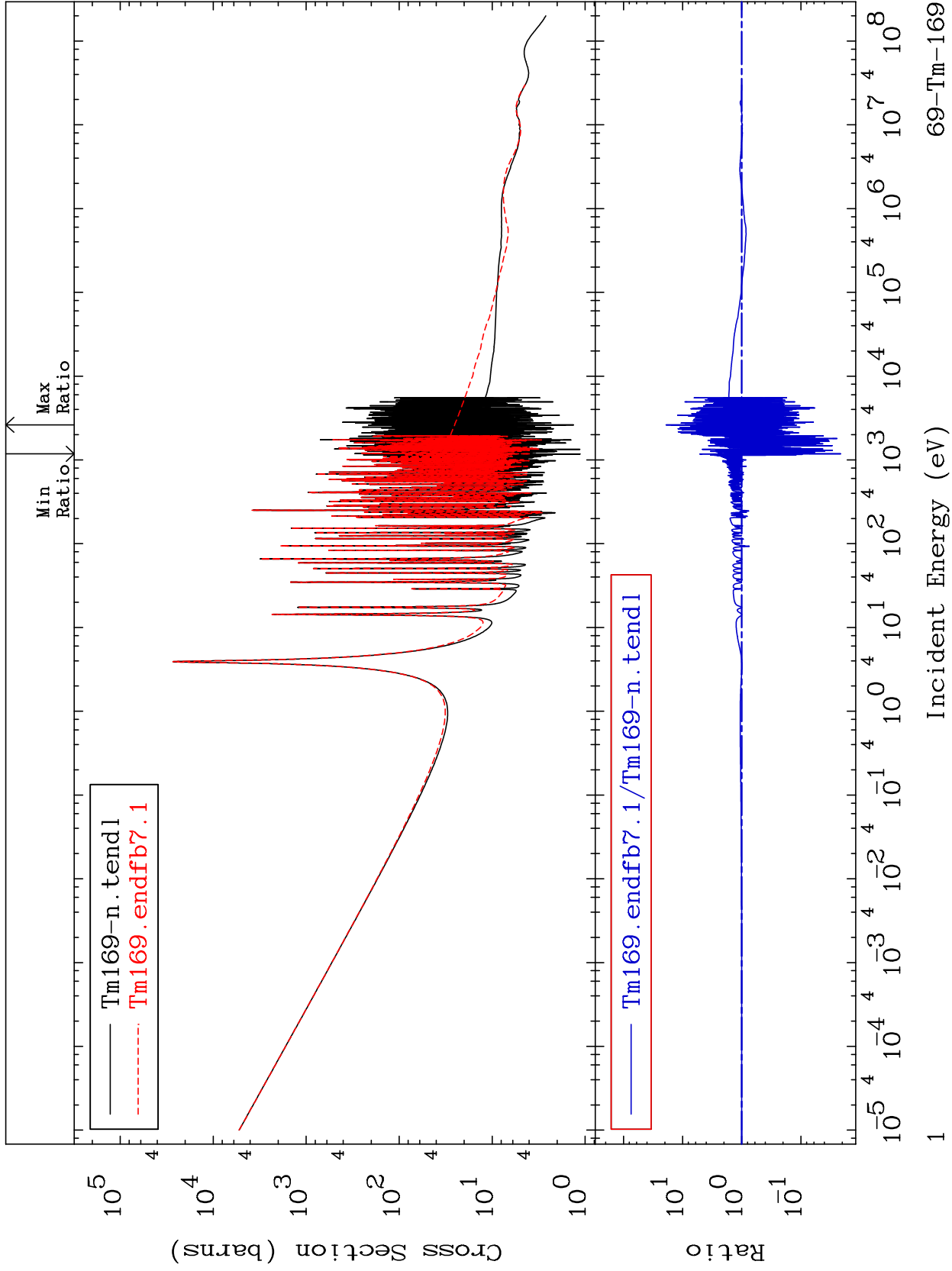
MAT 6925

Total

69-Tm-169

Cross Section

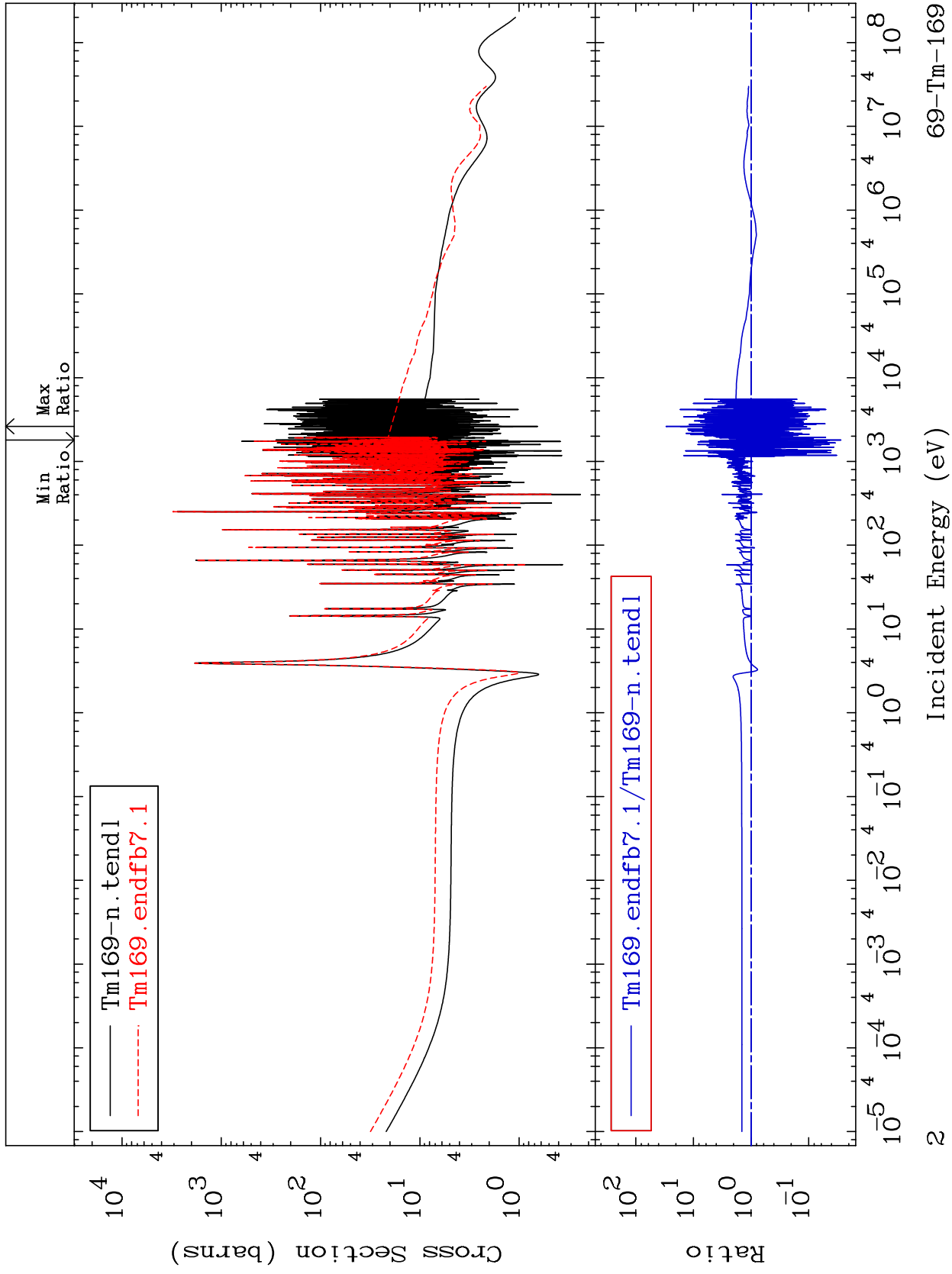
-97.89 To 1814. %



MAT 6925

Elastic
Cross Section

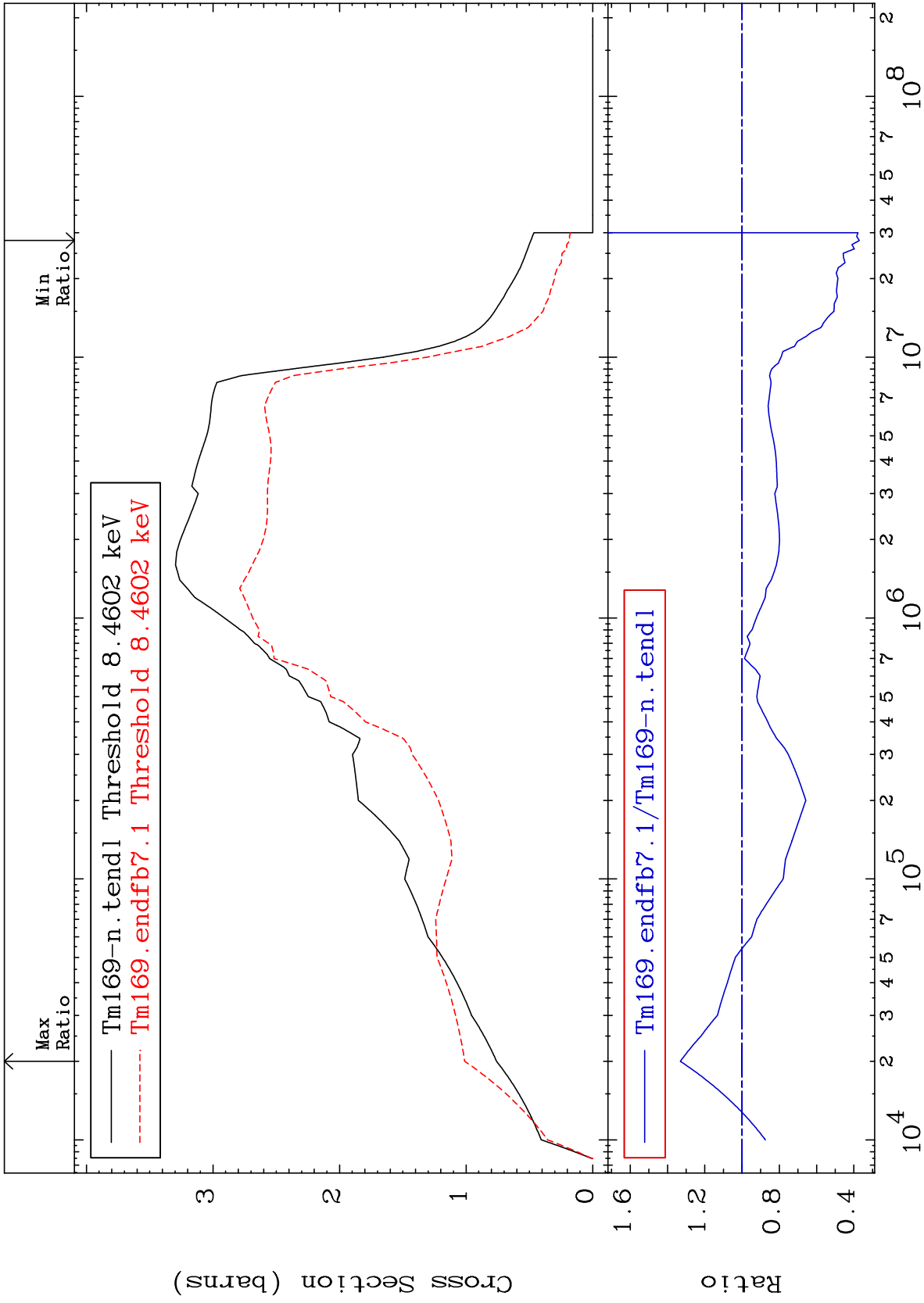
69-Tm-169
-97.25 To 2885. %



MAT 6925

Inelastic
Cross Section

69-Tm-169
-62.97 To 33.10 %



— Tm169-n.tendl Threshold 8.4602 keV
- - - Tm169.endfb7.1 Threshold 8.4602 keV

— Tm169.endfb7.1/Tm169-n.tendl

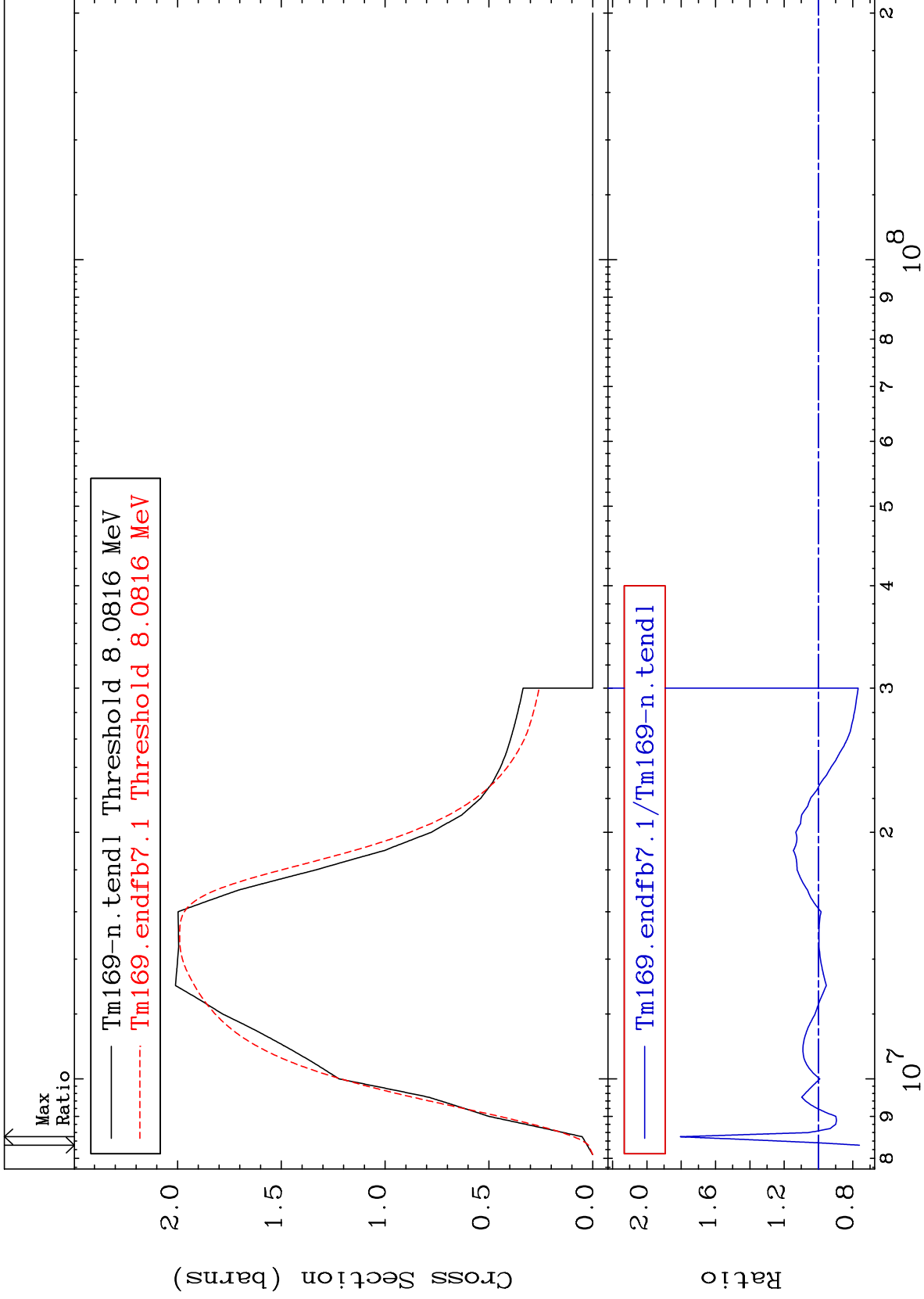
Incident Energy (eV)

69-Tm-169

MAT 6925

(n,2n)
Cross Section

69-Tm-169
-23.86 To 80.50 %



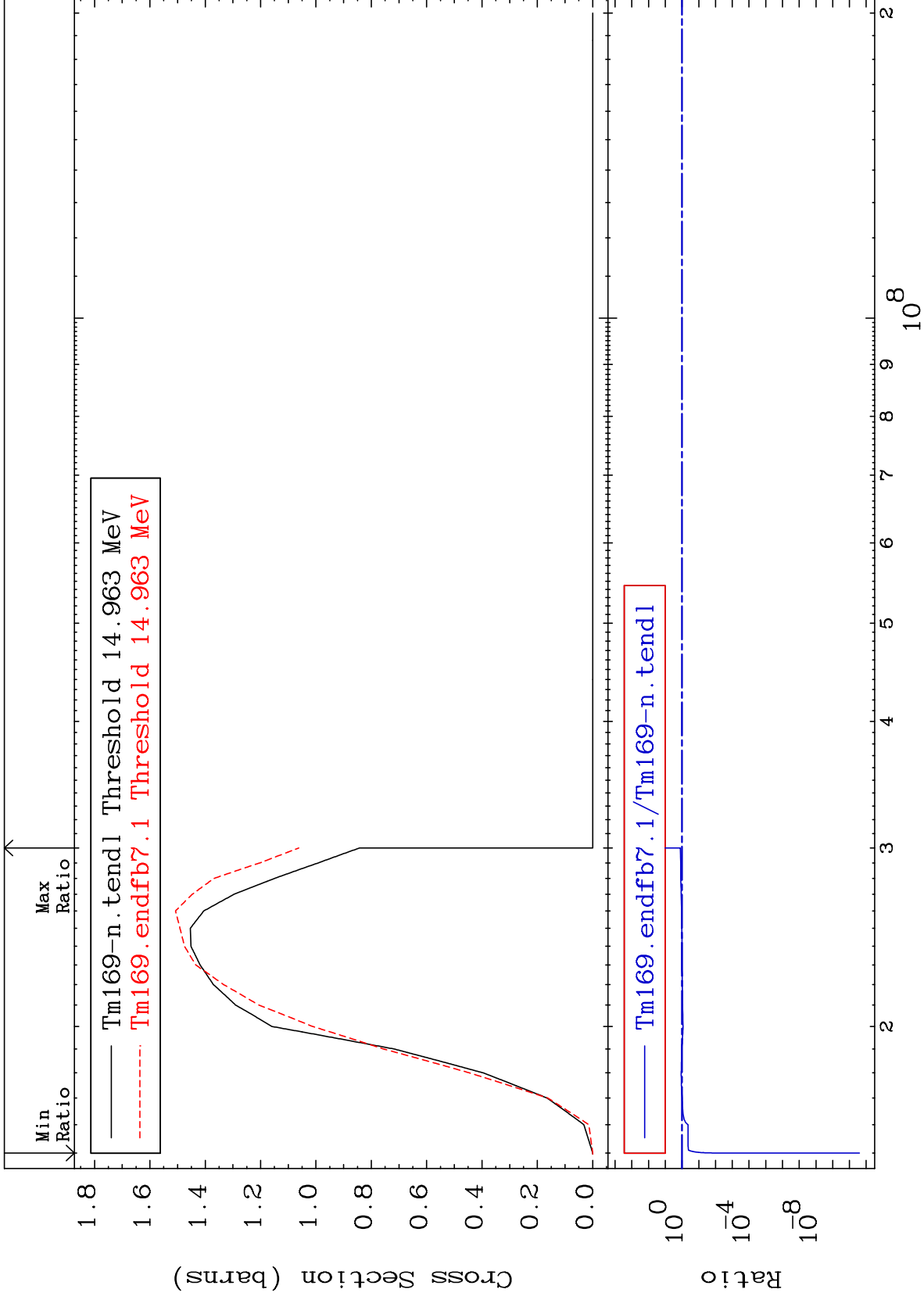
4

Incident Energy (eV)

69-Tm-169

Cross Section

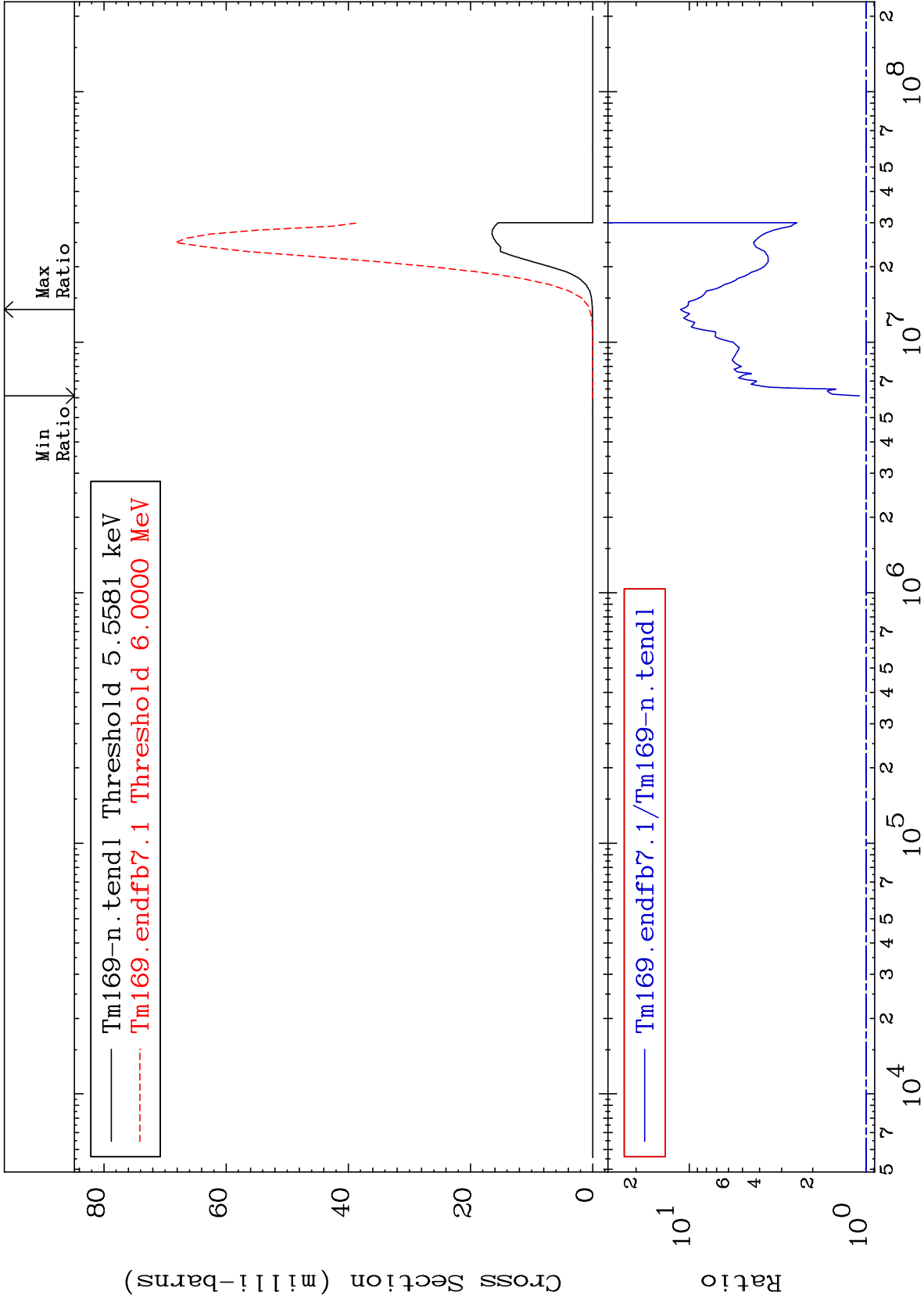
-100.0 To 25.99 %



MAT 6925

(n, n') α
Cross Section

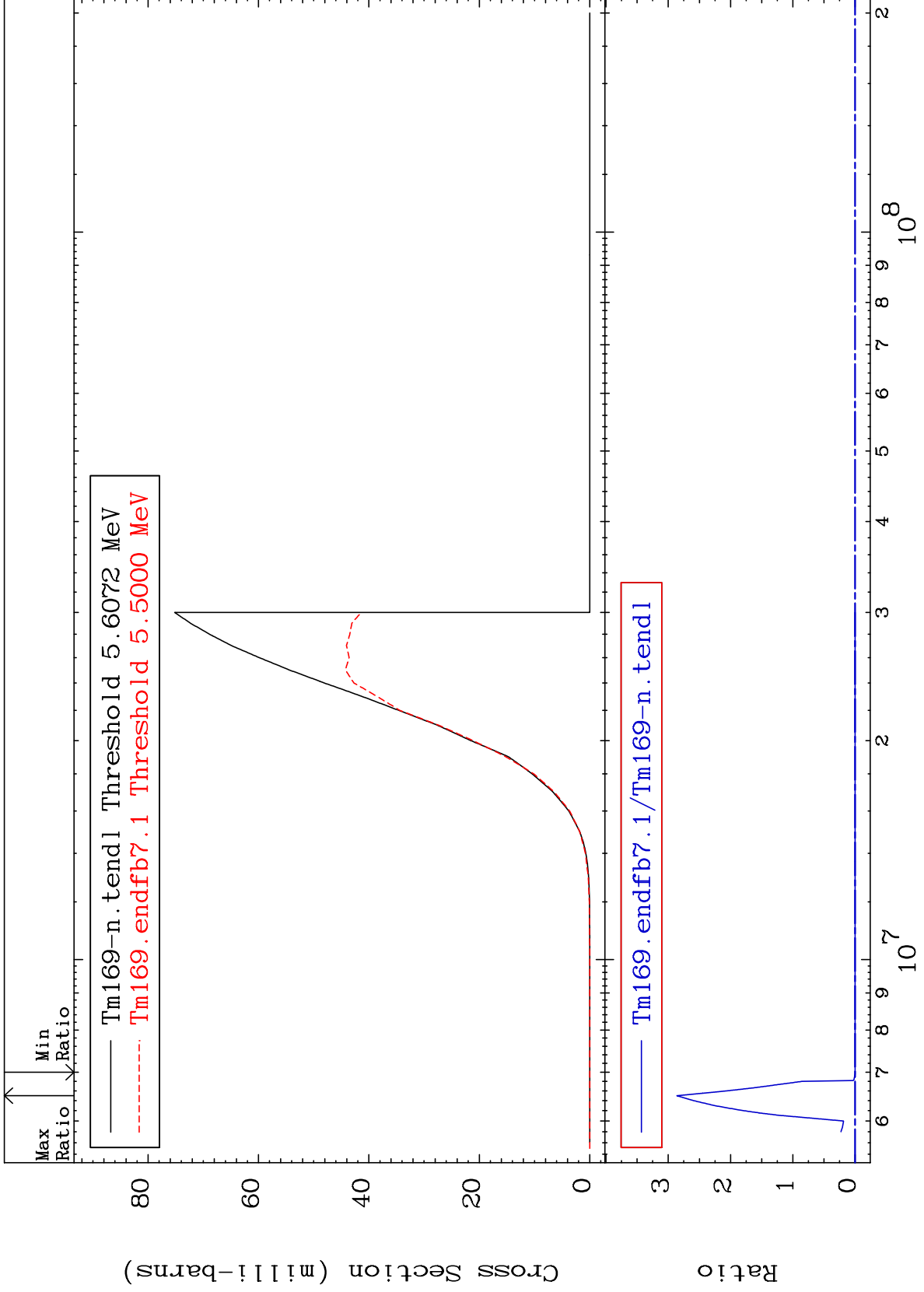
69-Tm-169
To 1023. %
8.976



MAT 6925

(n, n') p
Cross Section

69-Tm-169
-100.0 To 9999. %



7

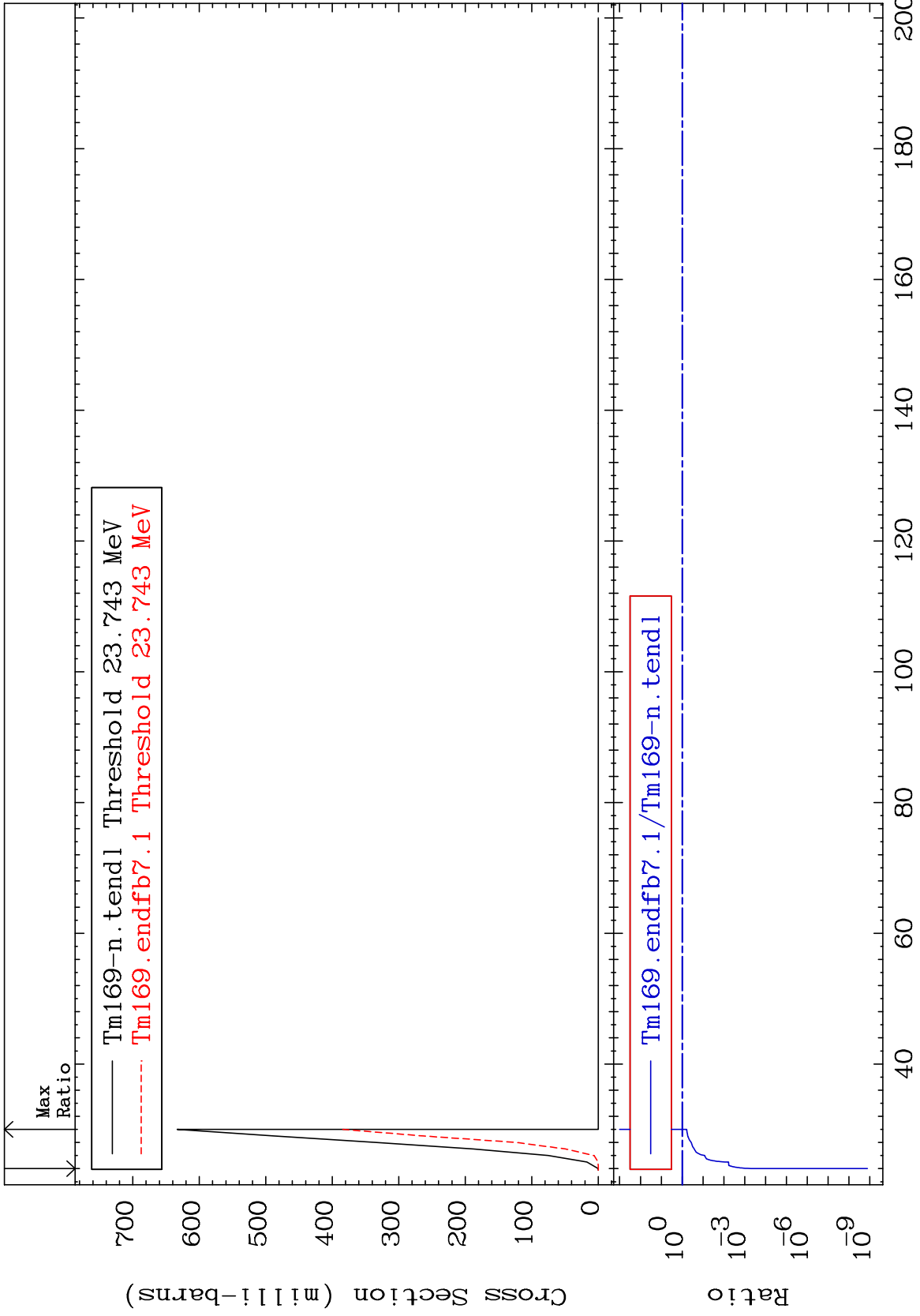
Incident Energy (eV)

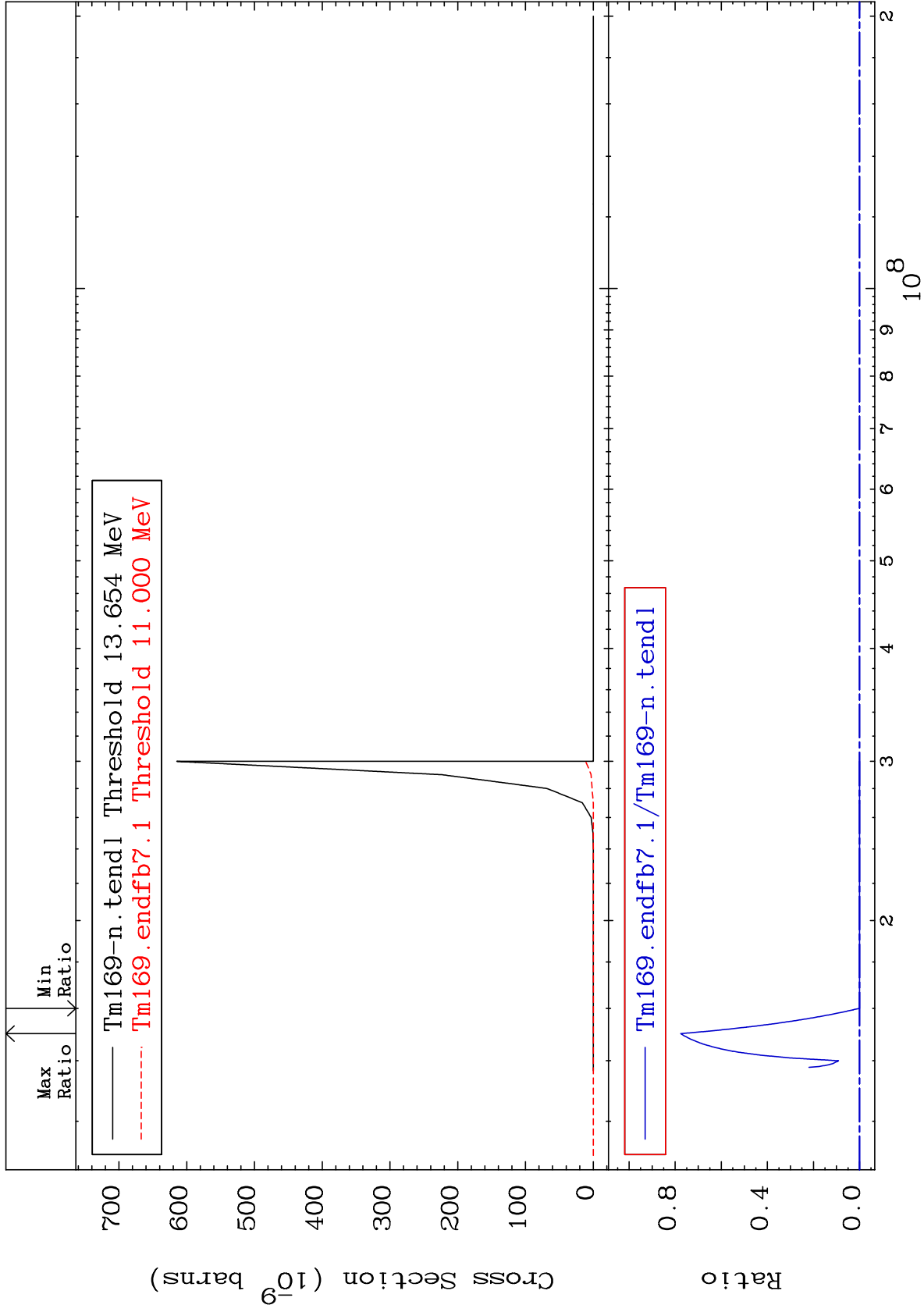
69-Tm-169

MAT 6925

(n,4n)
Cross Section

69-Tm-169
-100.0 To -39.37%

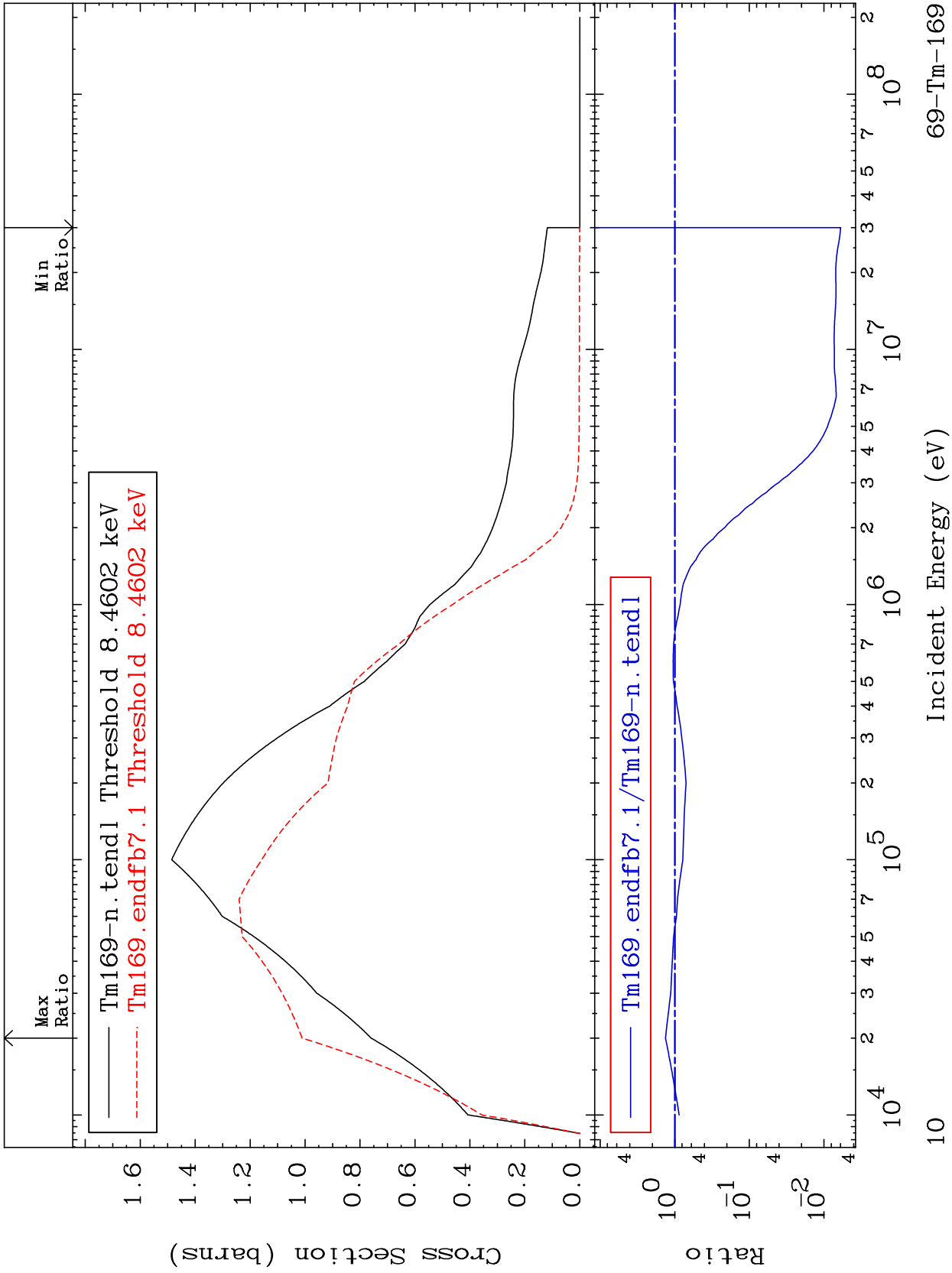




MAT 6925

8.410 keV (n,n') Level
Cross Section

69-Tm-169
-99.40 To 33.10 %



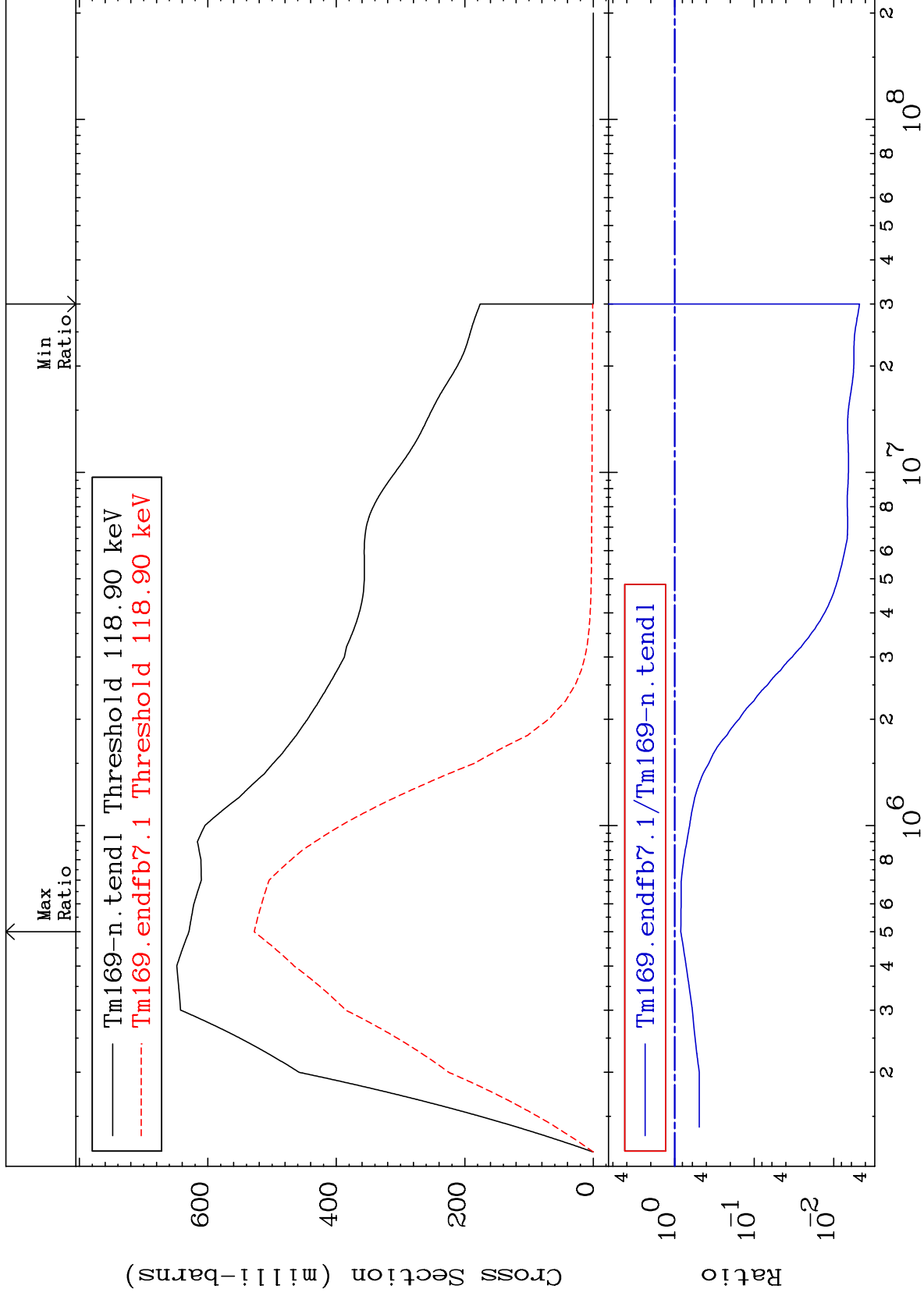
69-Tm-169

Incident Energy (eV)

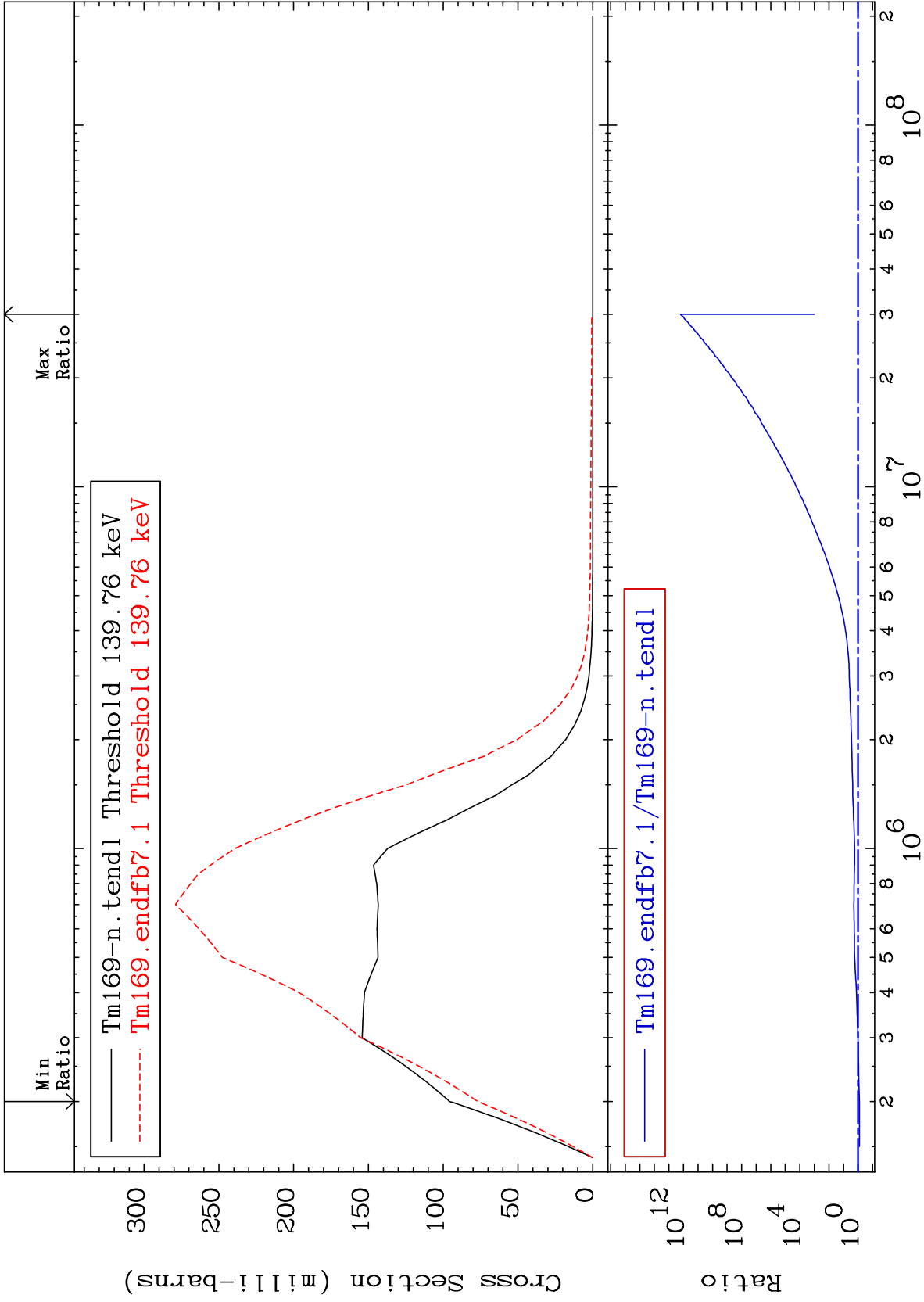
MAT 6925

118.2 keV (n,n') Level
Cross Section

69-Tm-169
-99.53 To -16.13%



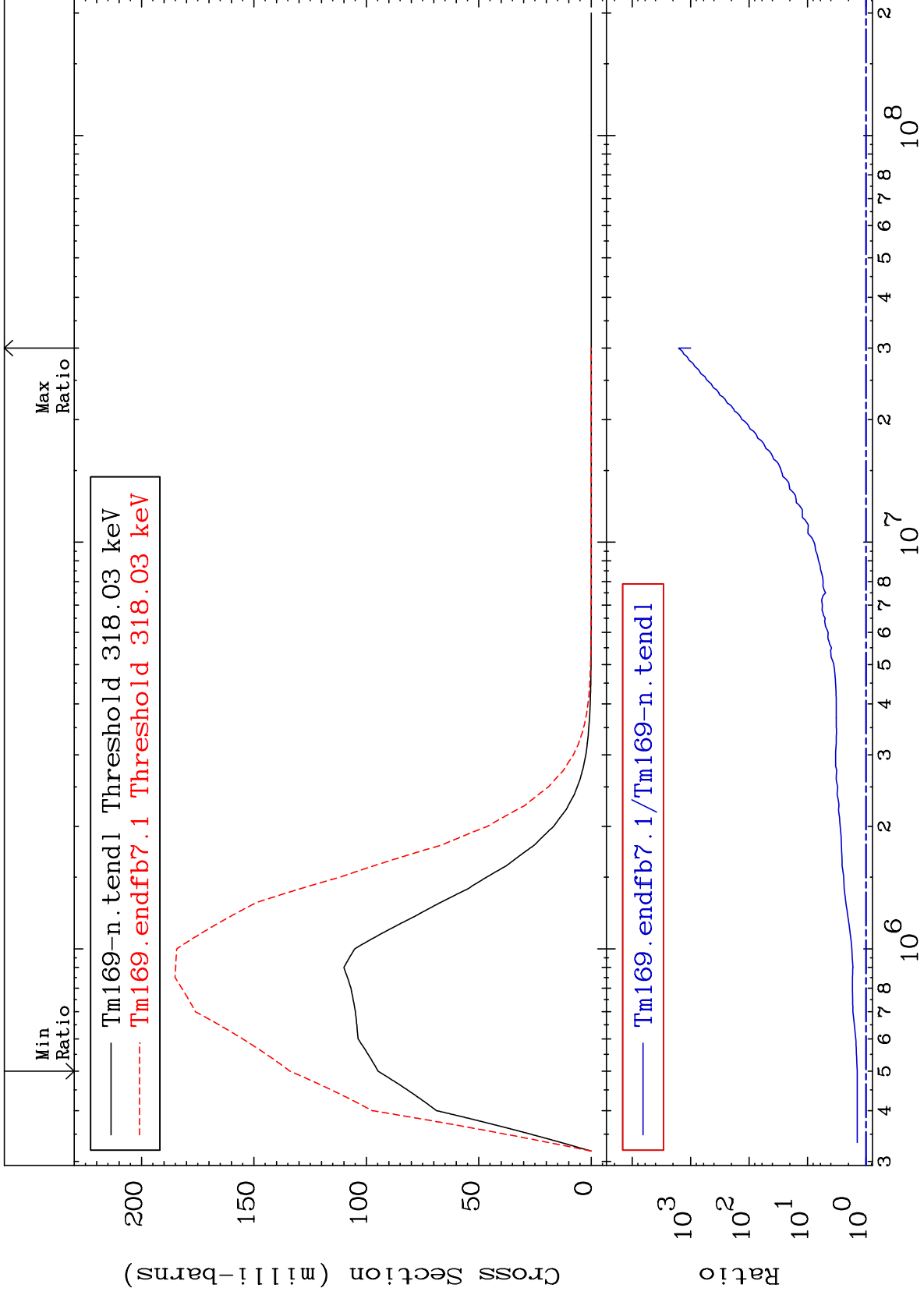
MAT 6925 138.9 keV (n,n') Level 69-Tm-169
 Cross Section -19.64 To 9999. %



MAT 6925

316.1 keV (n,n') Level
Cross Section

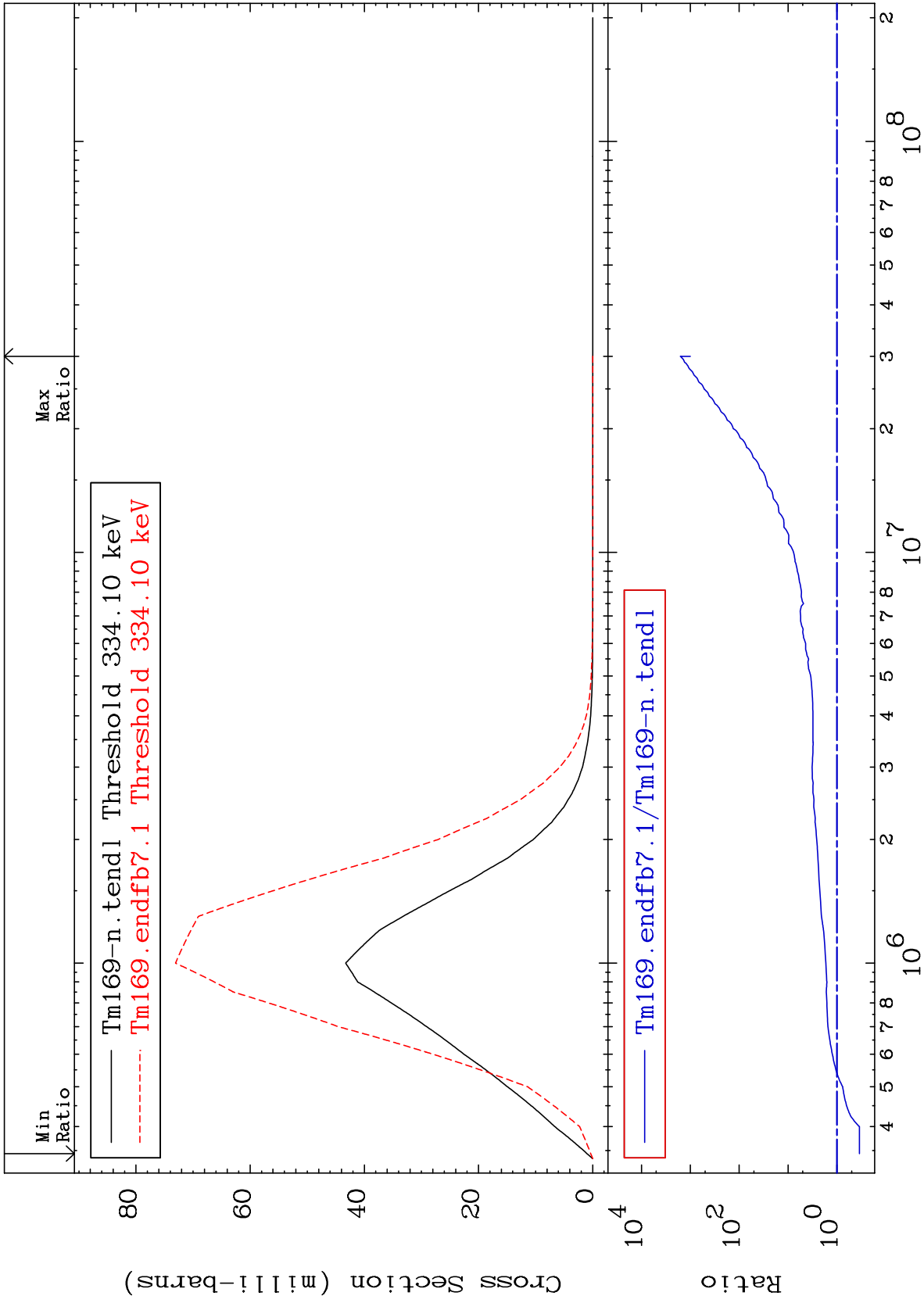
69-Tm-169
41.26 To 9999. %



MAT 6925

332.1 keV (n,n') Level
Cross Section

69-Tm-169
-65.35 To 9999. %



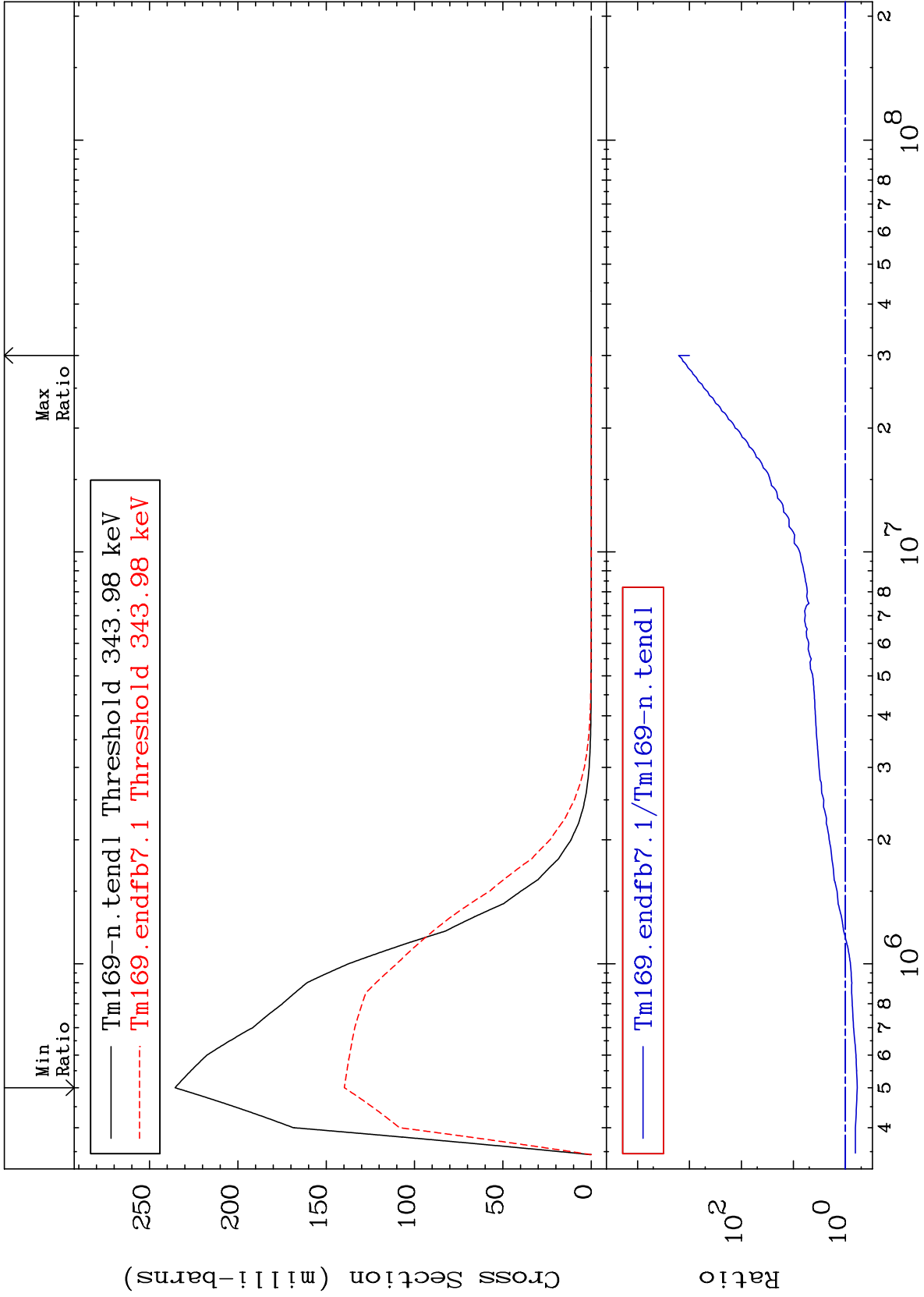
14

69-Tm-169

MAT 6925

341.9 keV (n,n') Level
Cross Section

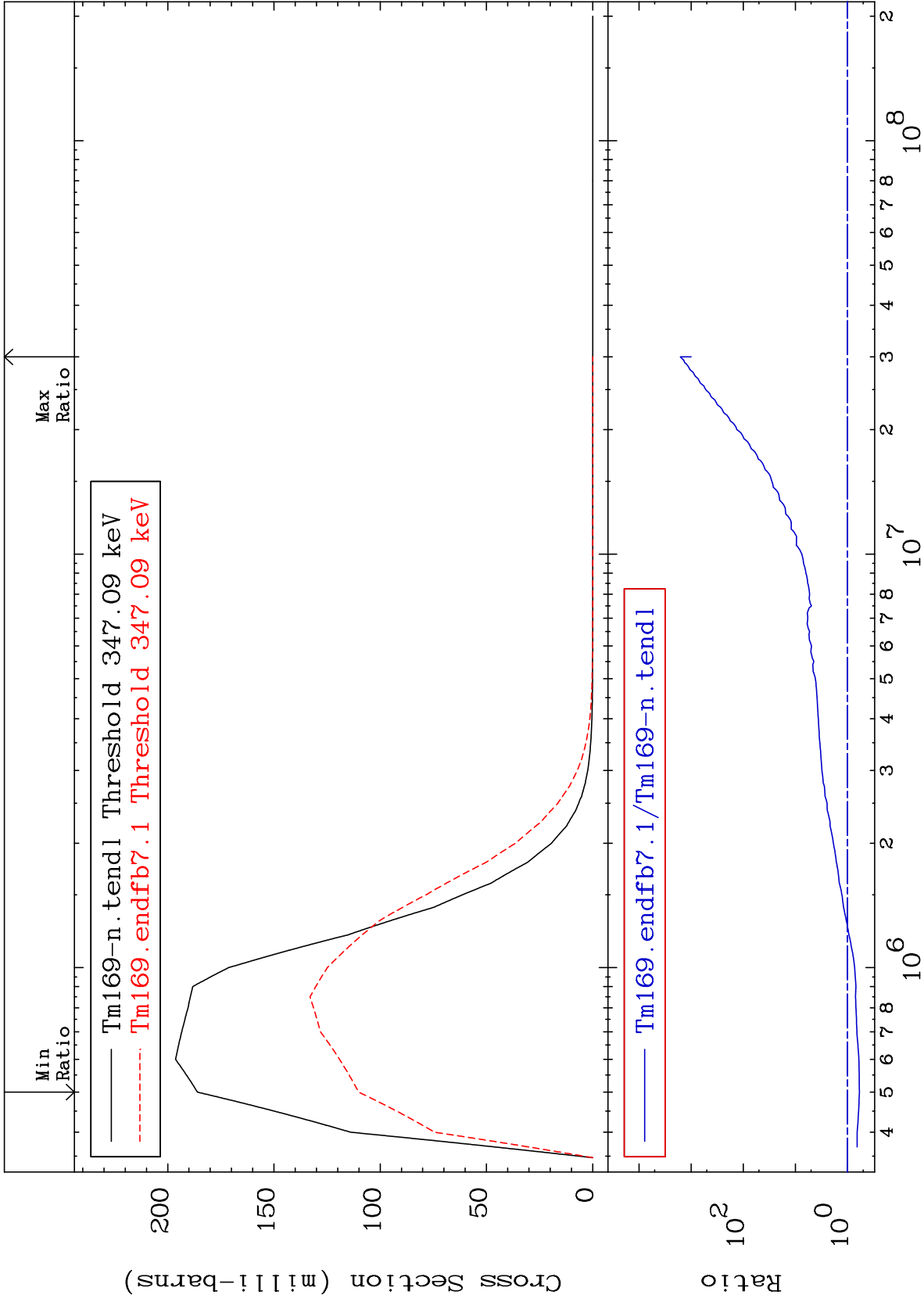
69-Tm-169
-40.68 To 9999. %



15

69-Tm-169

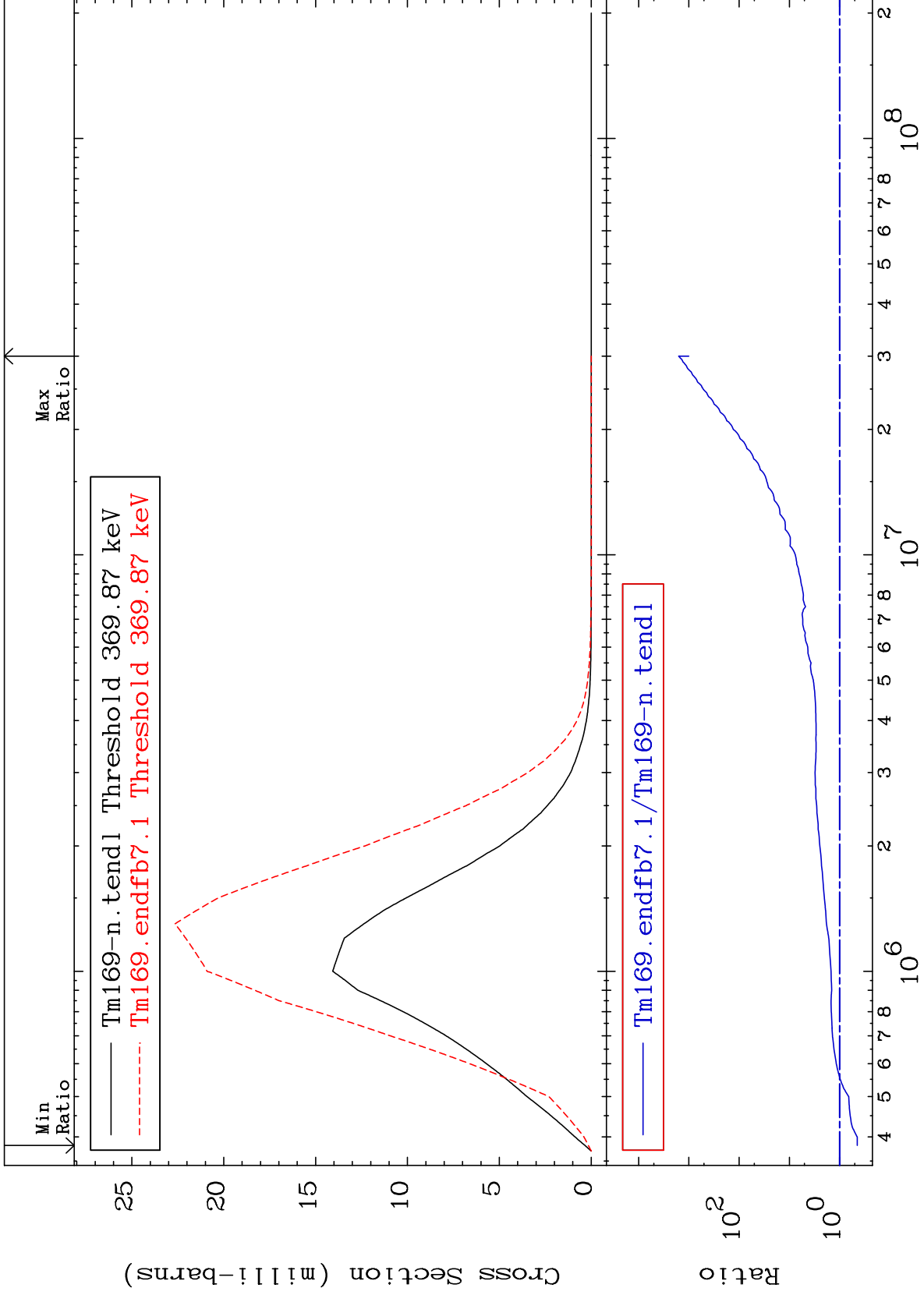
MAT 6925 345.0 keV (n,n') Level 69-Tm-169
 Cross Section -40.79 To 9999. %



MAT 6925

367.7 keV (n,n') Level
Cross Section

69-Tm-169
-55.46 To 9999. %



17

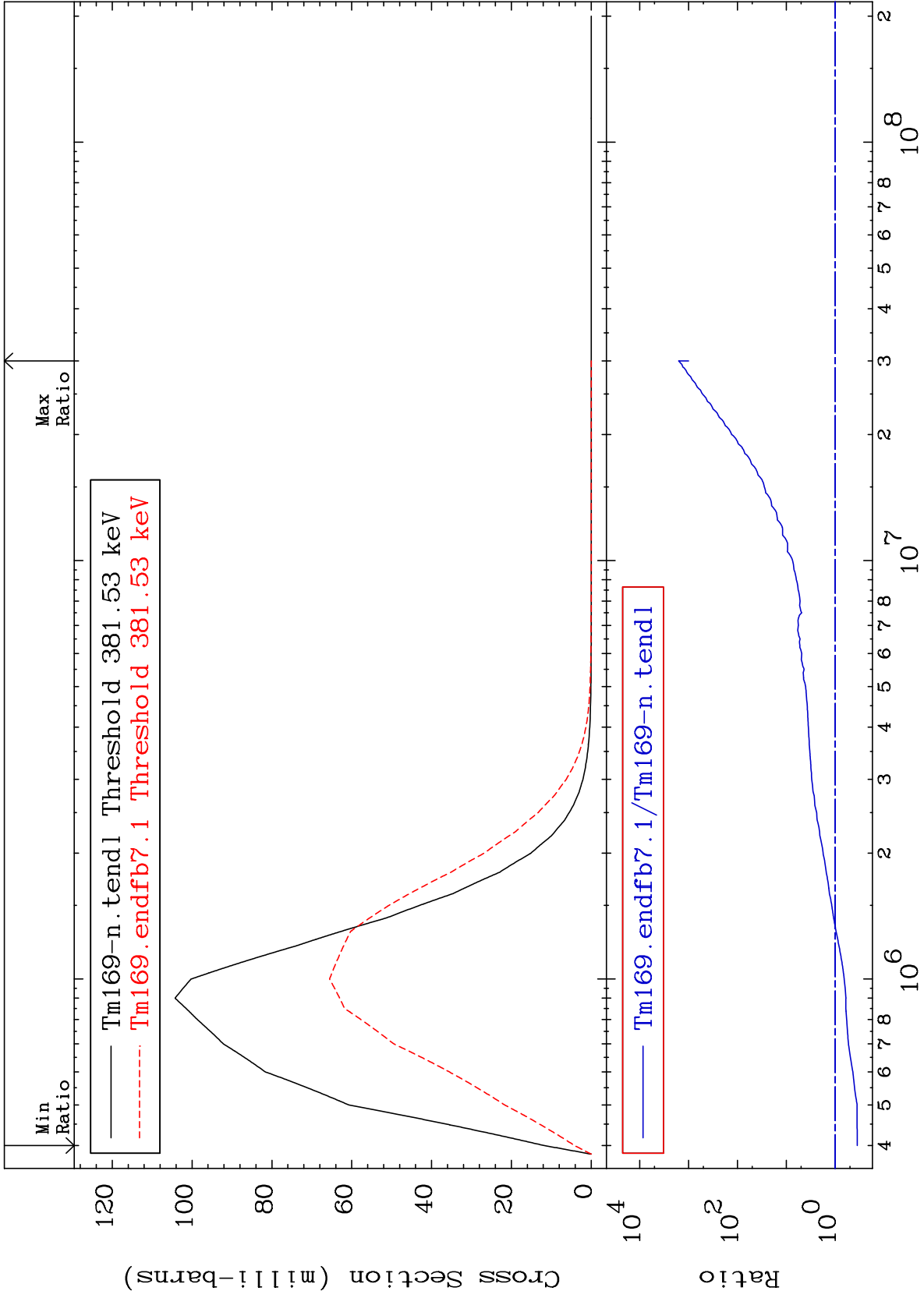
Incident Energy (eV)

69-Tm-169

MAT 6925

379.3 keV (n,n') Level
Cross Section

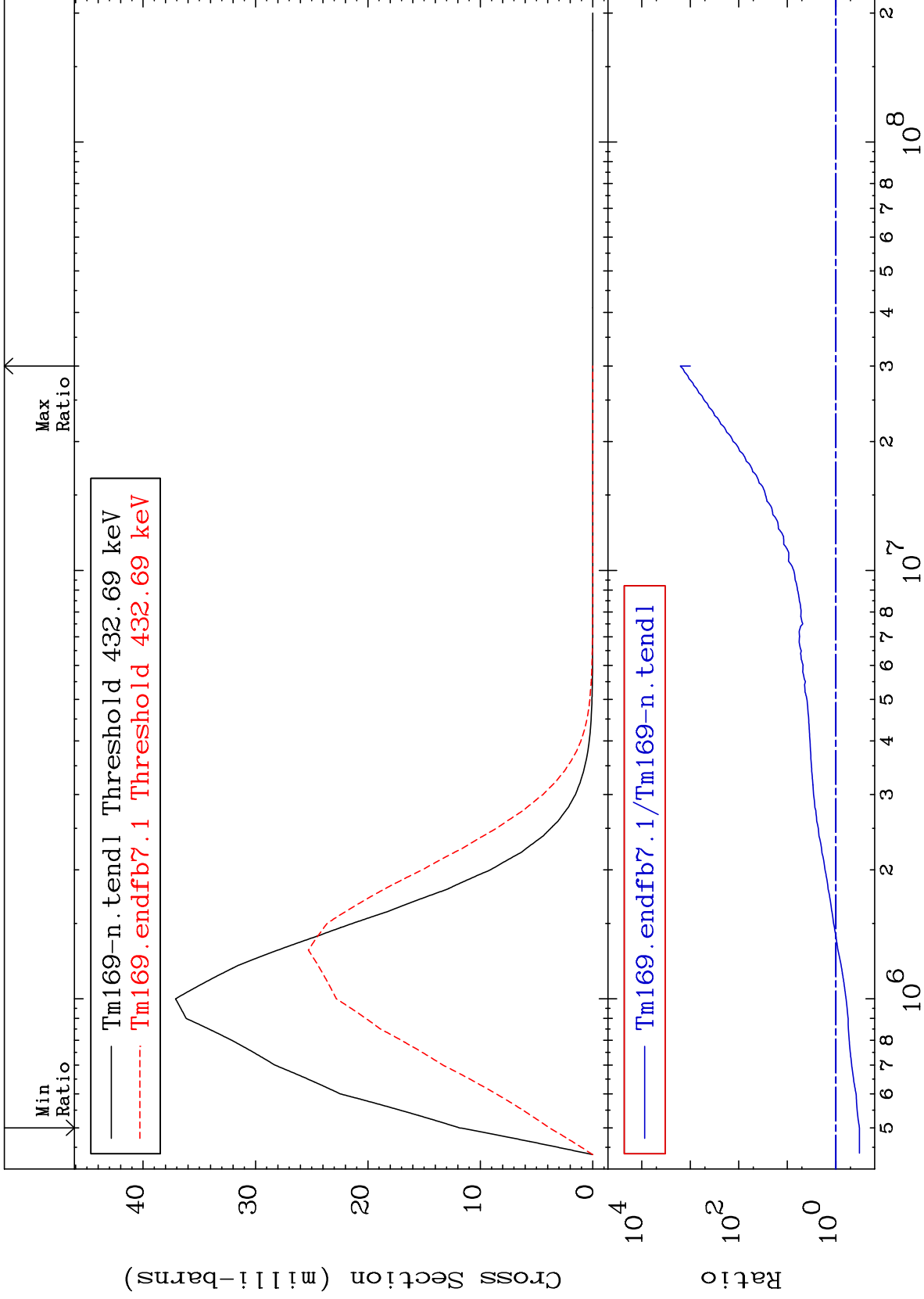
69-Tm-169
-64.57 To 9999. %



MAT 6925

430.1 keV (n,n') Level
Cross Section

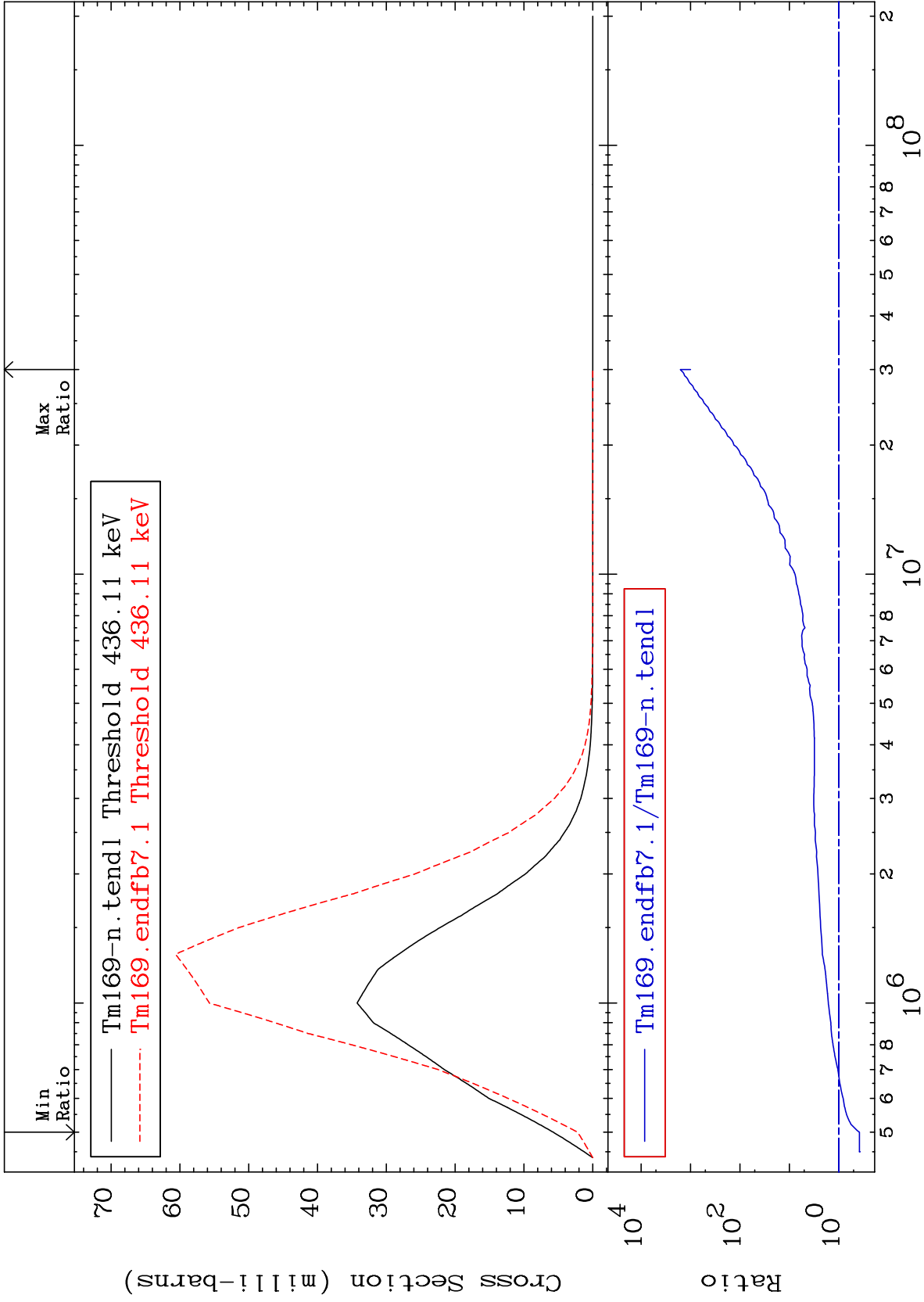
69-Tm-169
-67.43 To 9999. %



MAT 6925

433.5 keV (n,n') Level
Cross Section

69-Tm-169
-61.78 To 9999. %



20

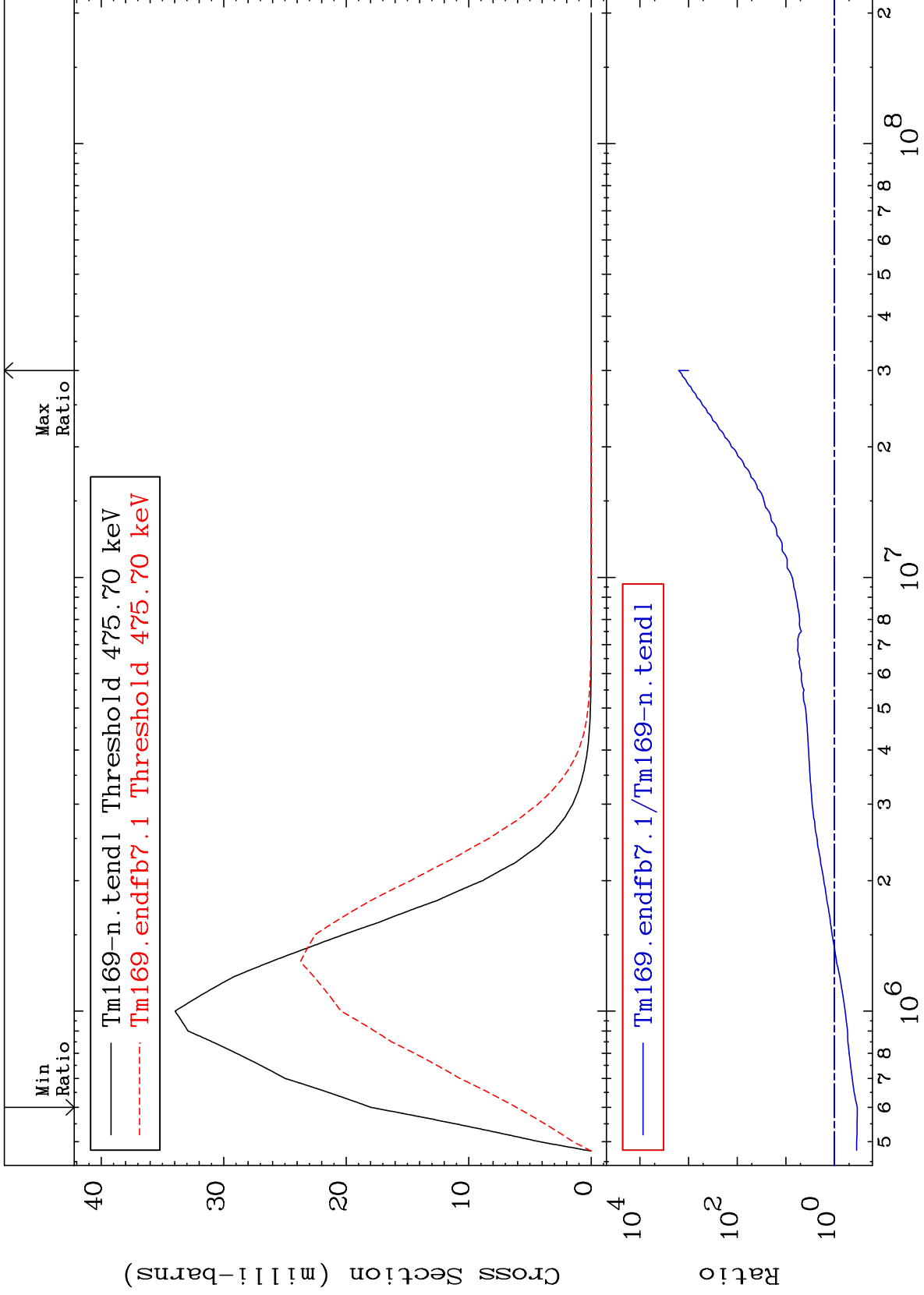
Incident Energy (eV)

69-Tm-169

MAT 6925

472.9 keV (n,n') Level
Cross Section

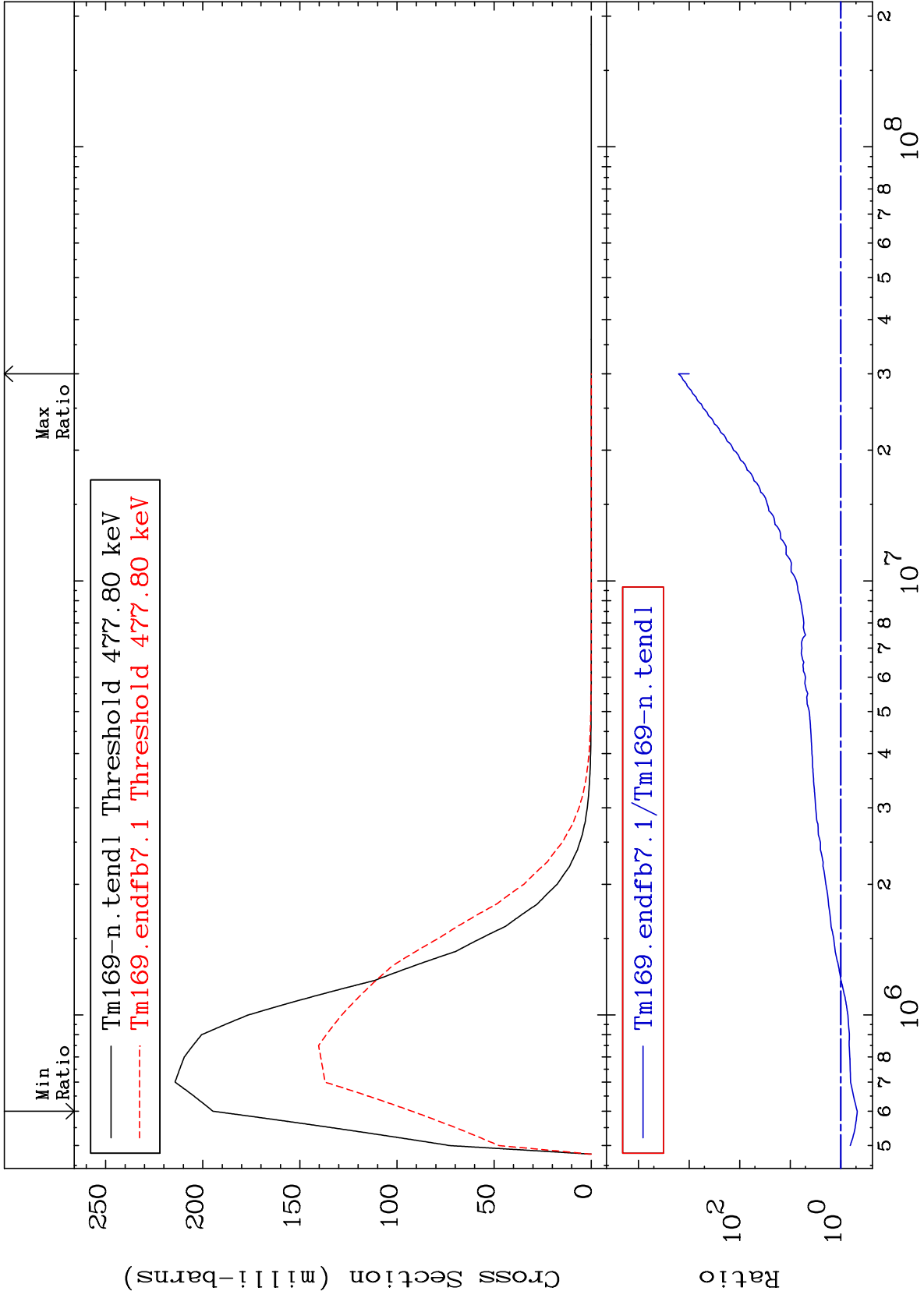
69-Tm-169
-66.07 To 9999. %



MAT 6925

475.0 keV (n,n') Level
Cross Section

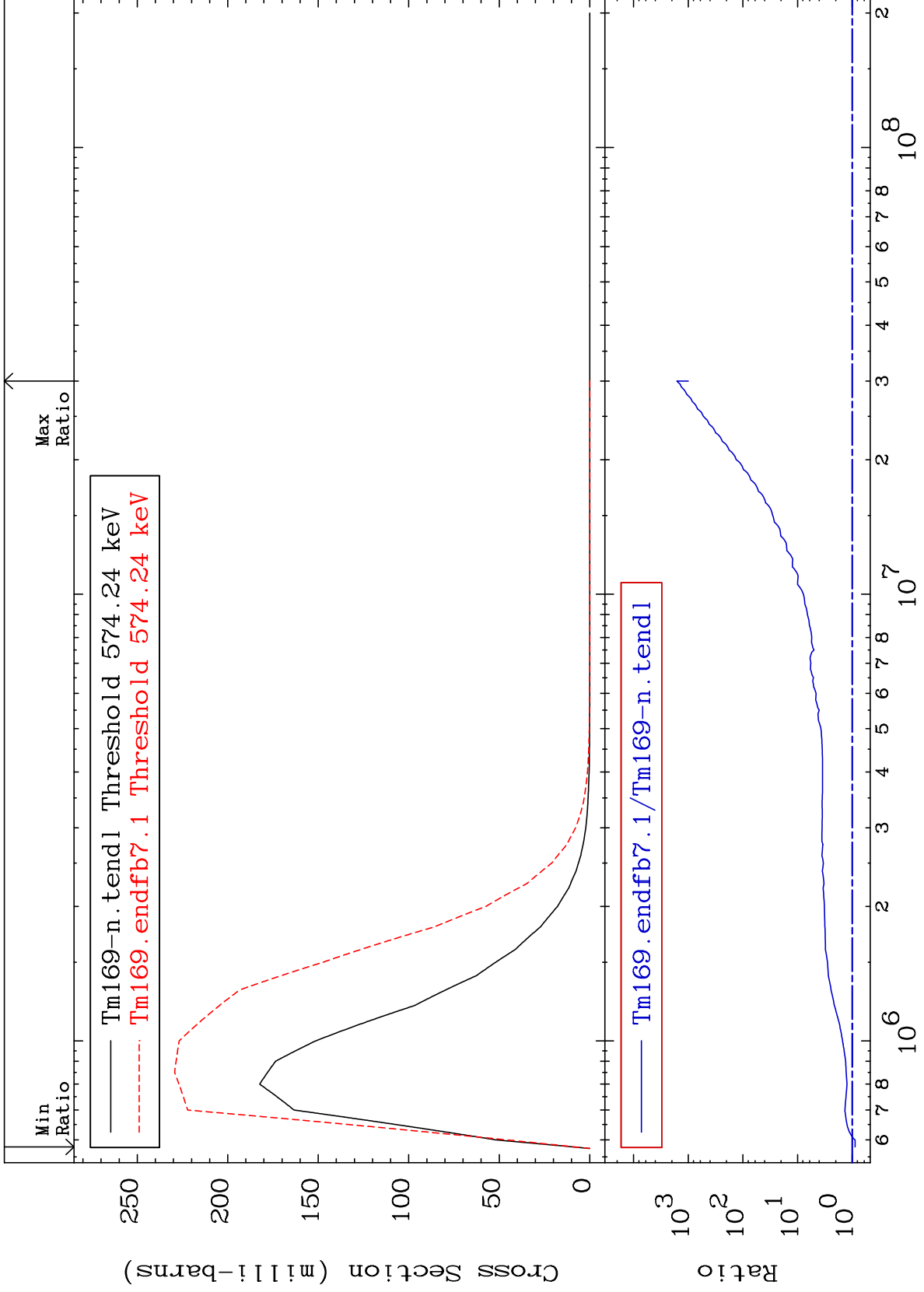
69-Tm-169
-52.62 To 9999. %



MAT 6925

570.8 keV (n,n') Level
Cross Section

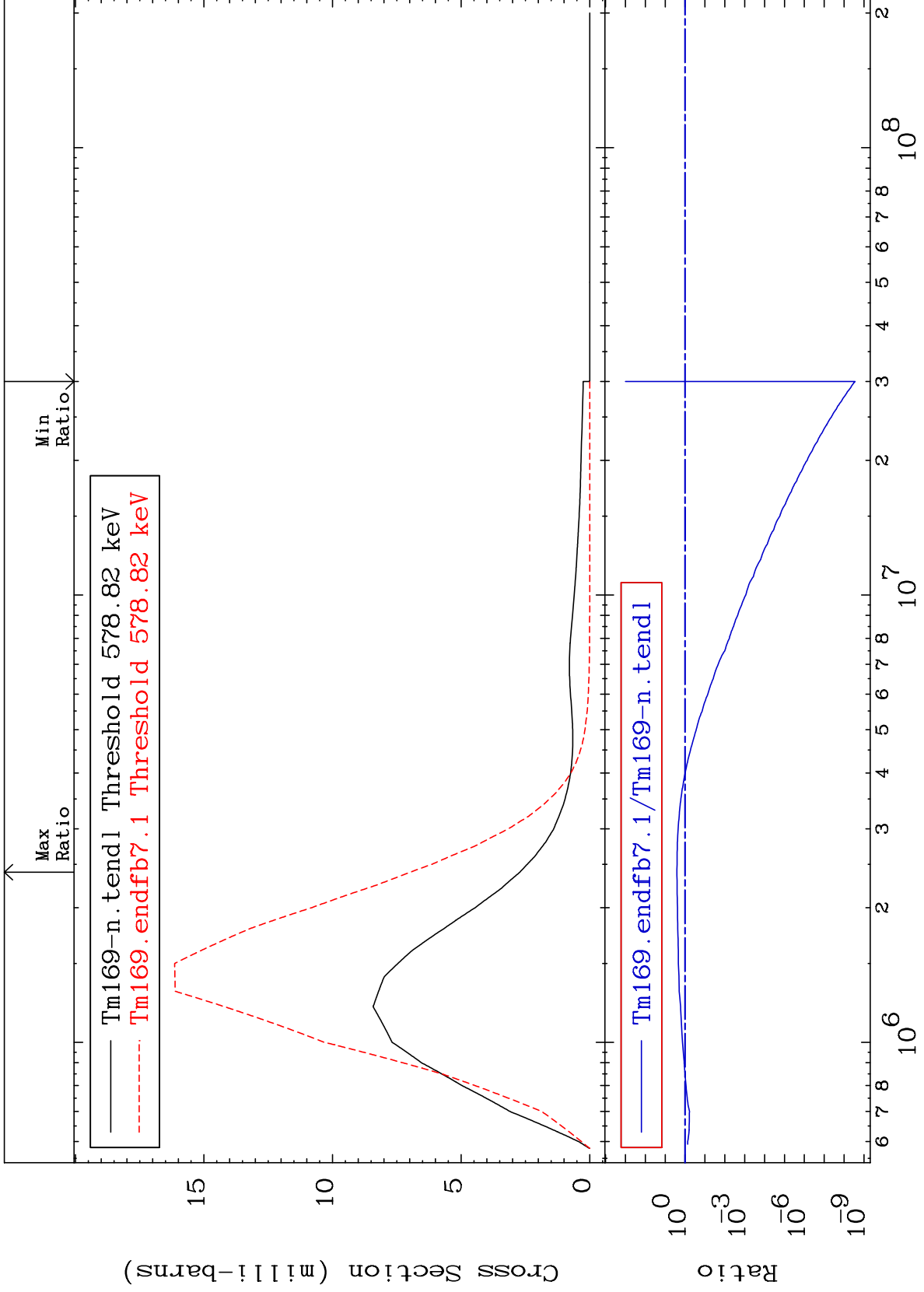
69-Tm-169
-11.60 To 9999. %



MAT 6925

575.4 keV (n,n') Level
Cross Section

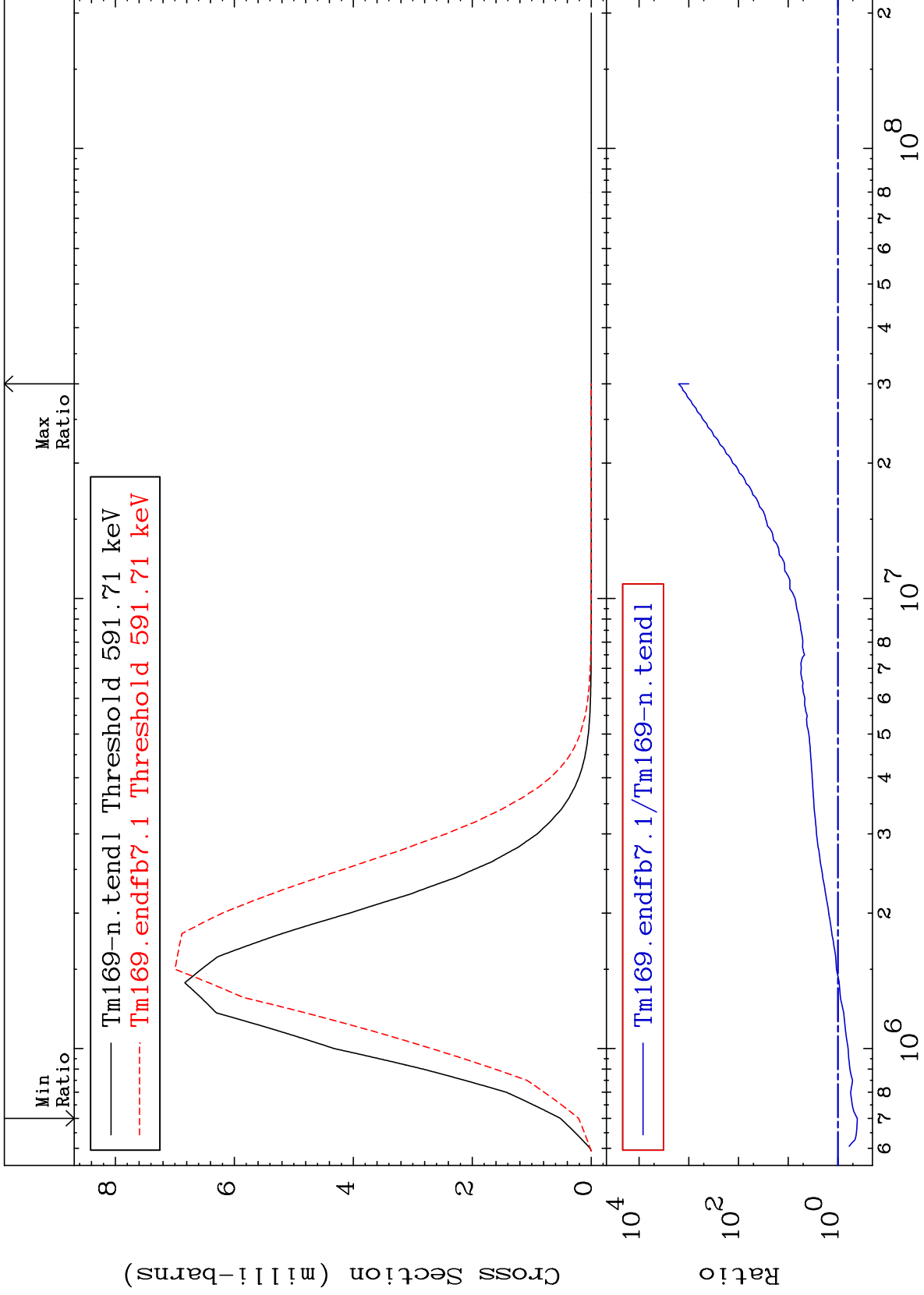
69-Tm-169
-100.0 To 156.9 %



MAT 6925

588.2 keV (n,n') Level
Cross Section

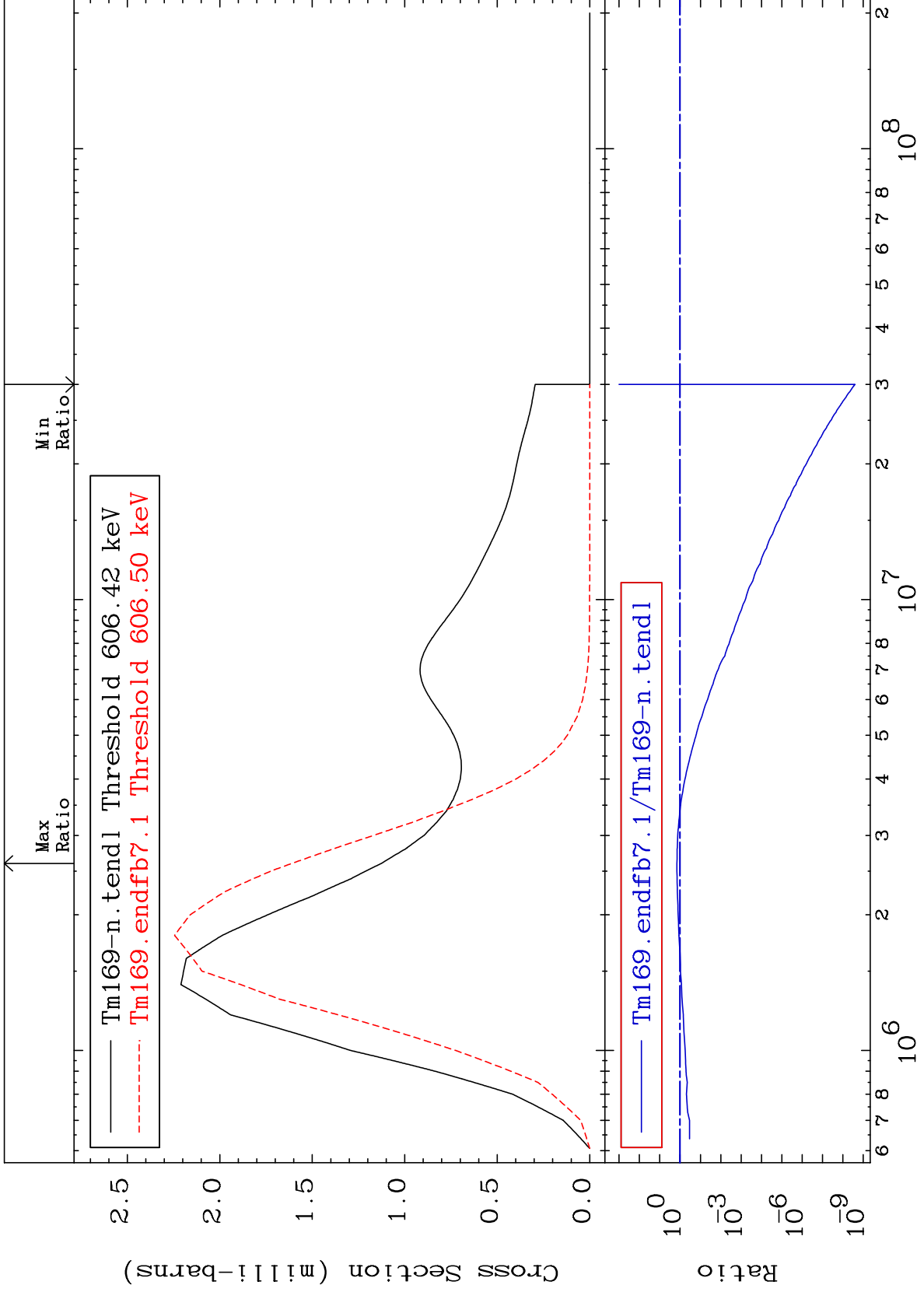
69-Tm-169
-59.26 To 9999. %



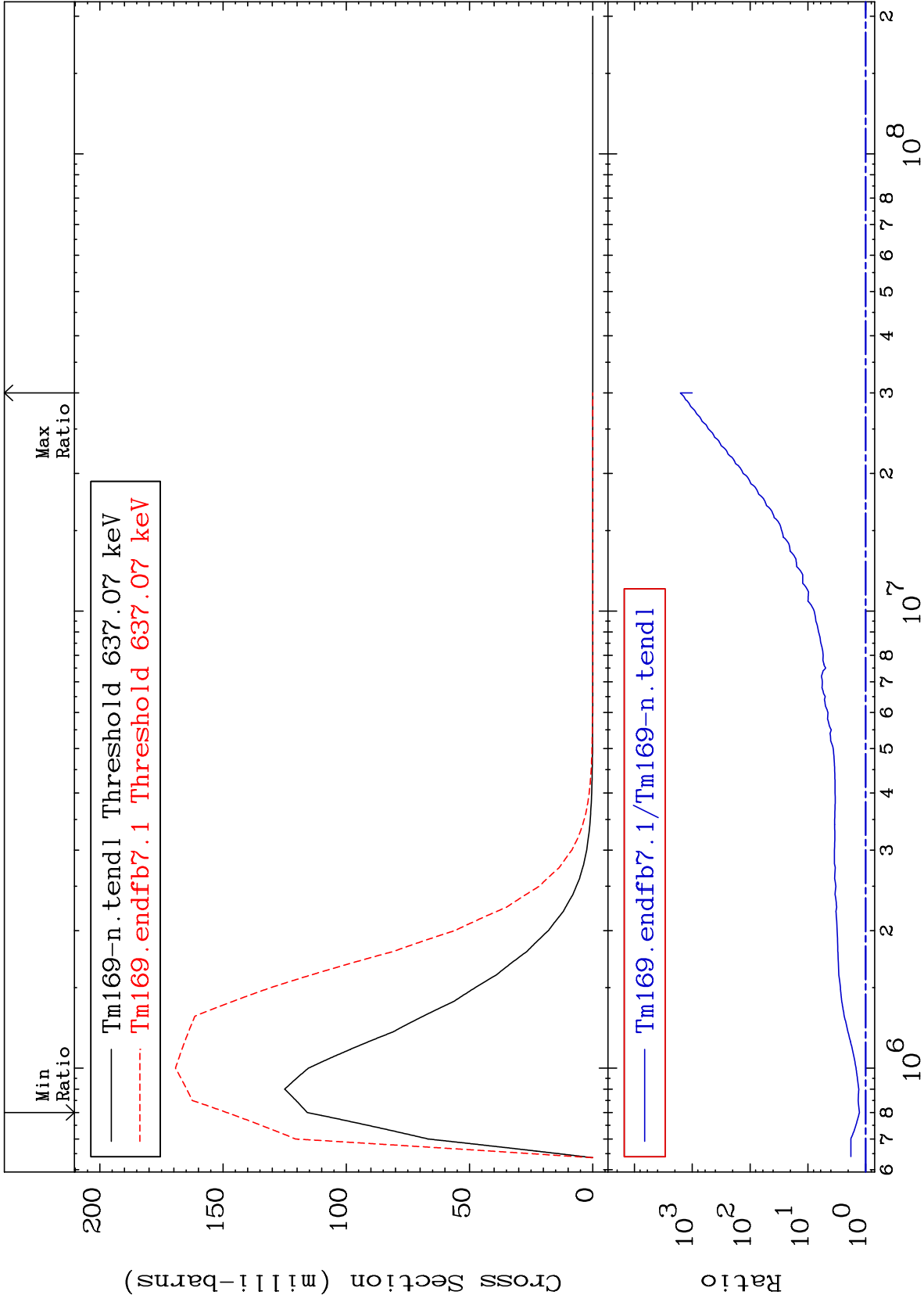
MAT 6925

602.8 keV (n,n') Level
Cross Section

69-Tm-169
-100.0 To 42.88 %



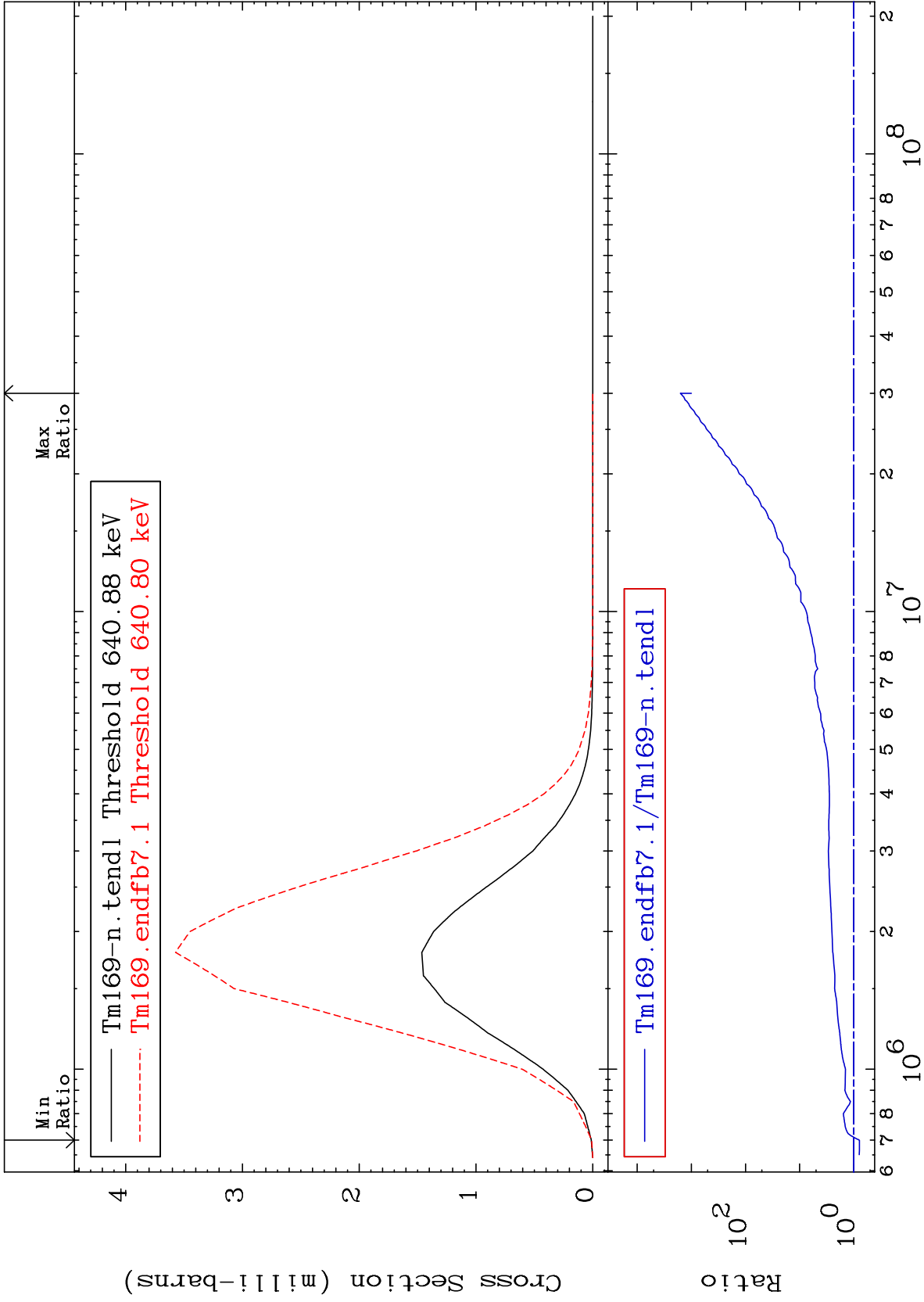
MAT 6925 633.3 keV (n,n') Level 69-Tm-169
 Cross Section 28.20 To 9999. %



MAT 6925

637.1 keV (n,n') Level
Cross Section

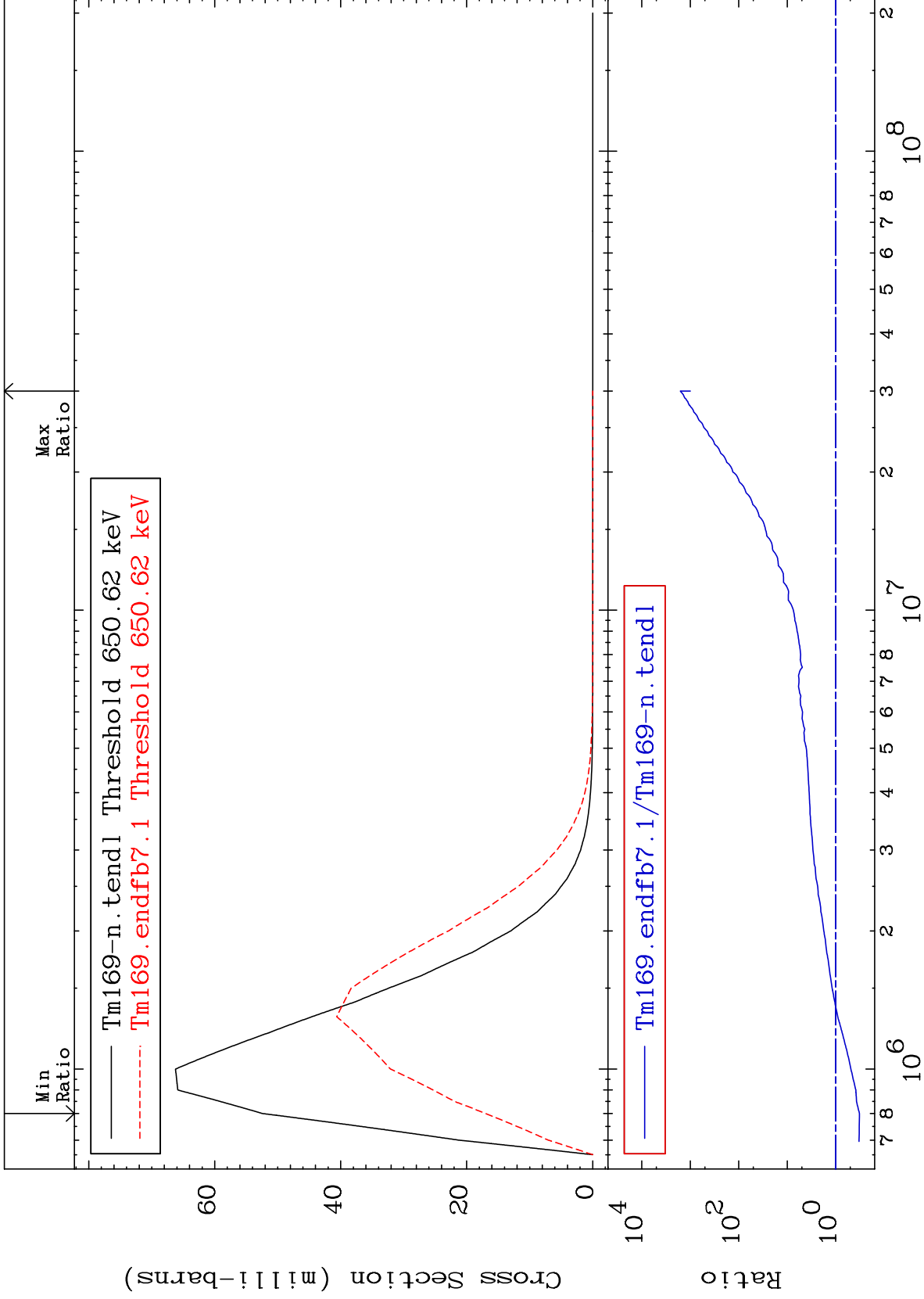
69-Tm-169
-21.29 To 9999. %



MAT 6925

646.8 keV (n,n') Level
Cross Section

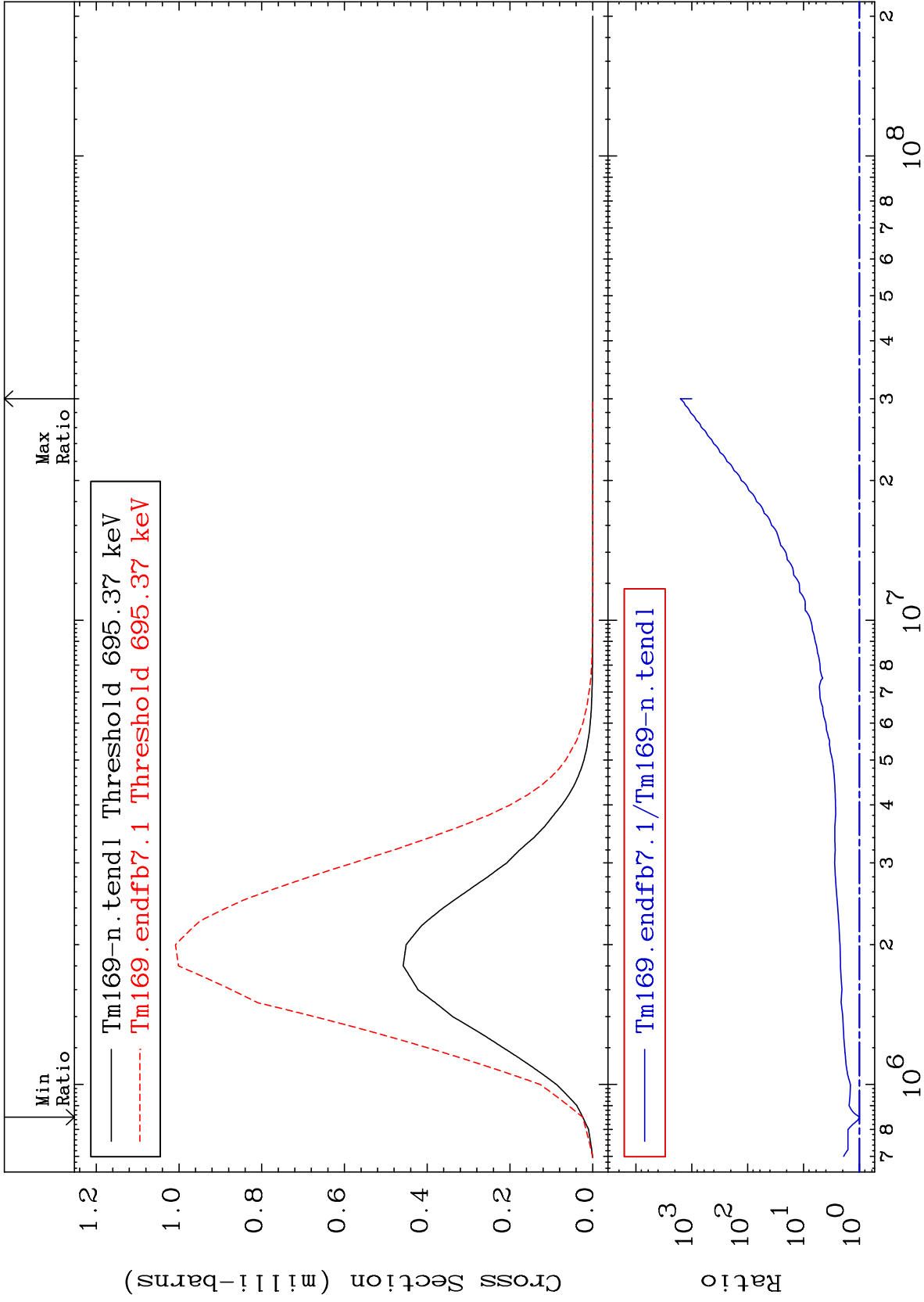
69-Tm-169
-67.60 To 9999. %



MAT 6925

691.2 keV (n,n') Level
Cross Section

69-Tm-169
To 9999. %
0.266



30

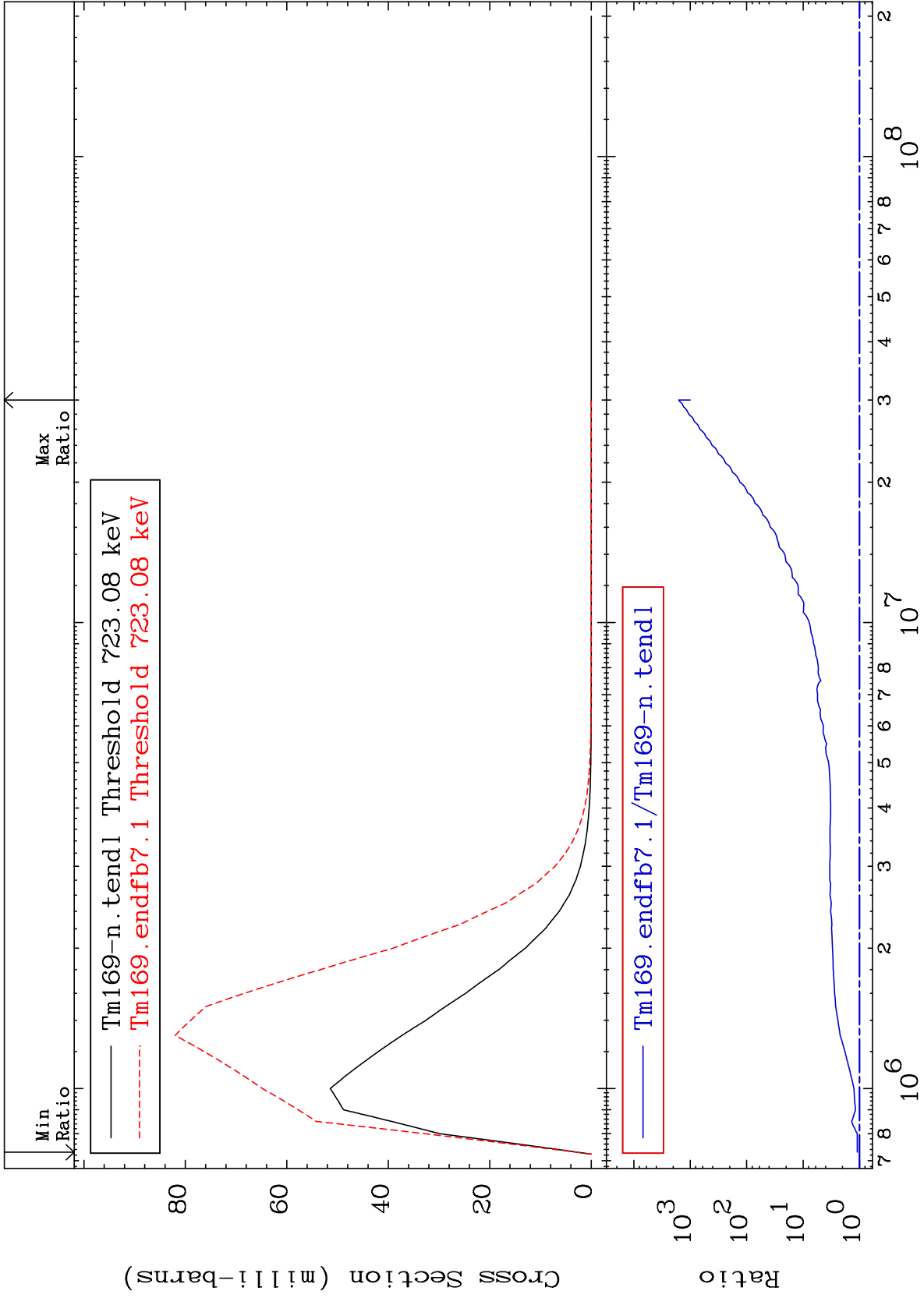
Incident Energy (eV)

69-Tm-169

MAT 6925

718.8 keV (n,n') Level
Cross Section

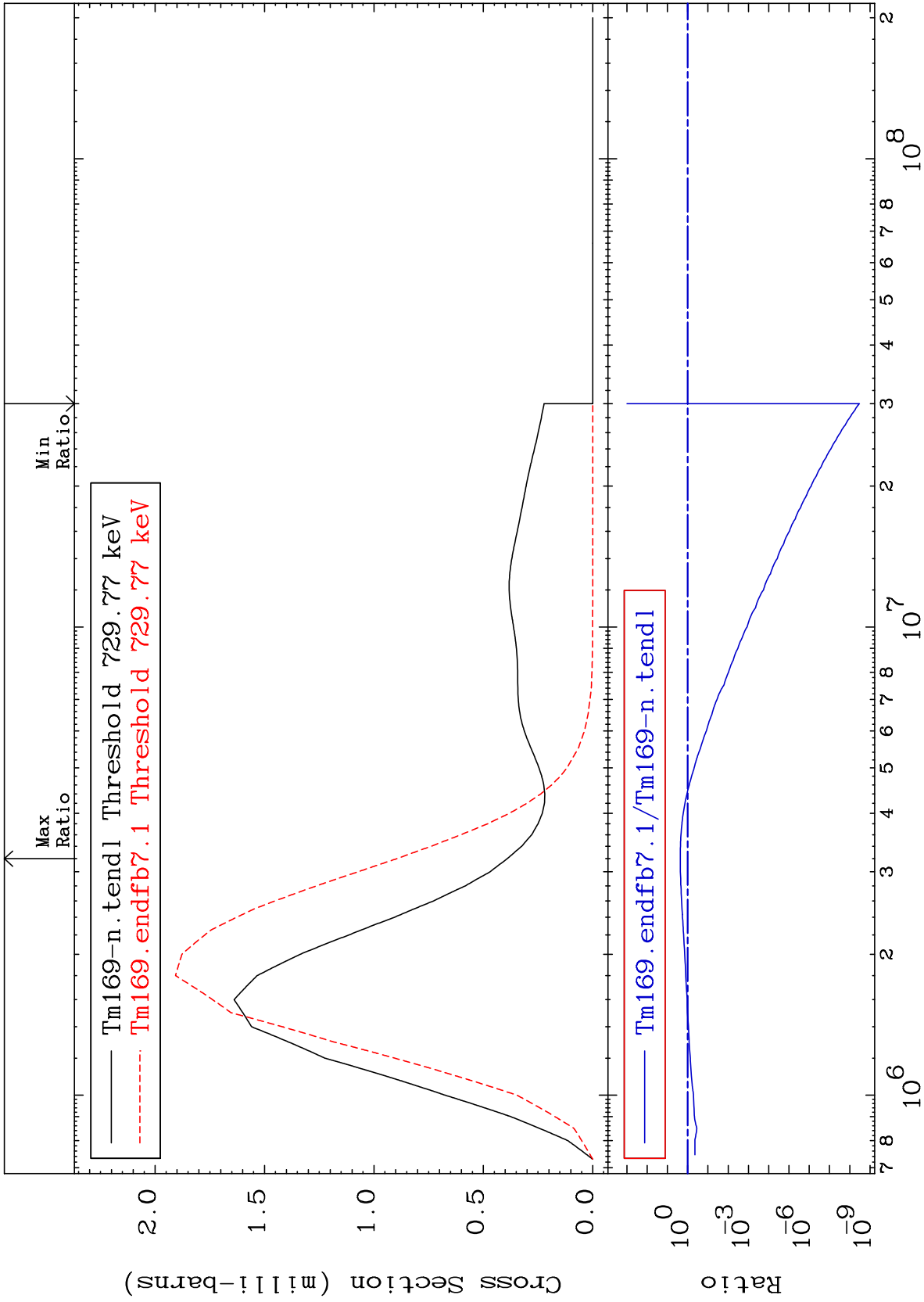
69-Tm-169
To 9999. %



MAT 6925

725.4 keV (n,n') Level
Cross Section

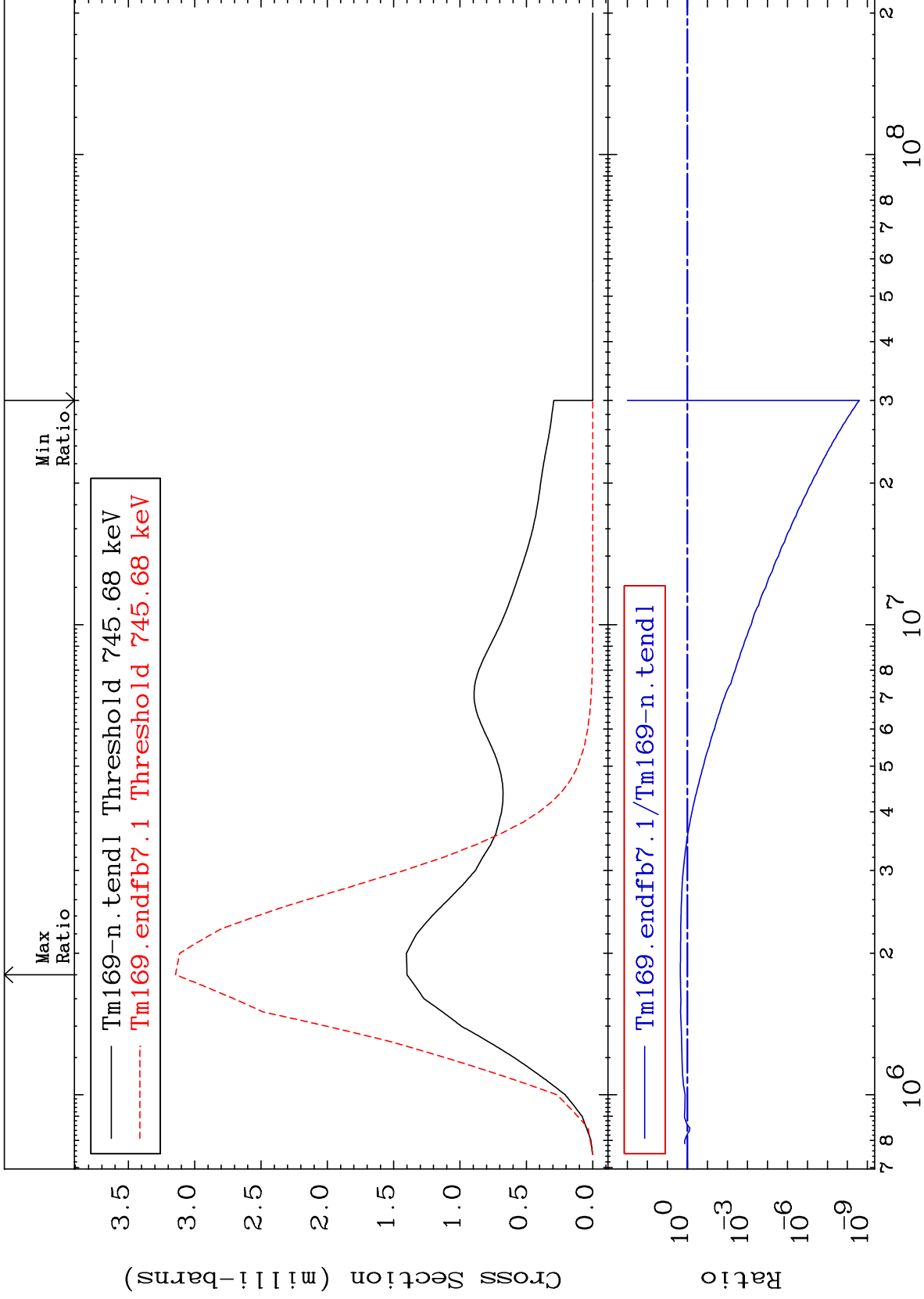
69-Tm-169
-100.0 To 129.3 %



MAT 6925

741.3 keV (n,n') Level
Cross Section

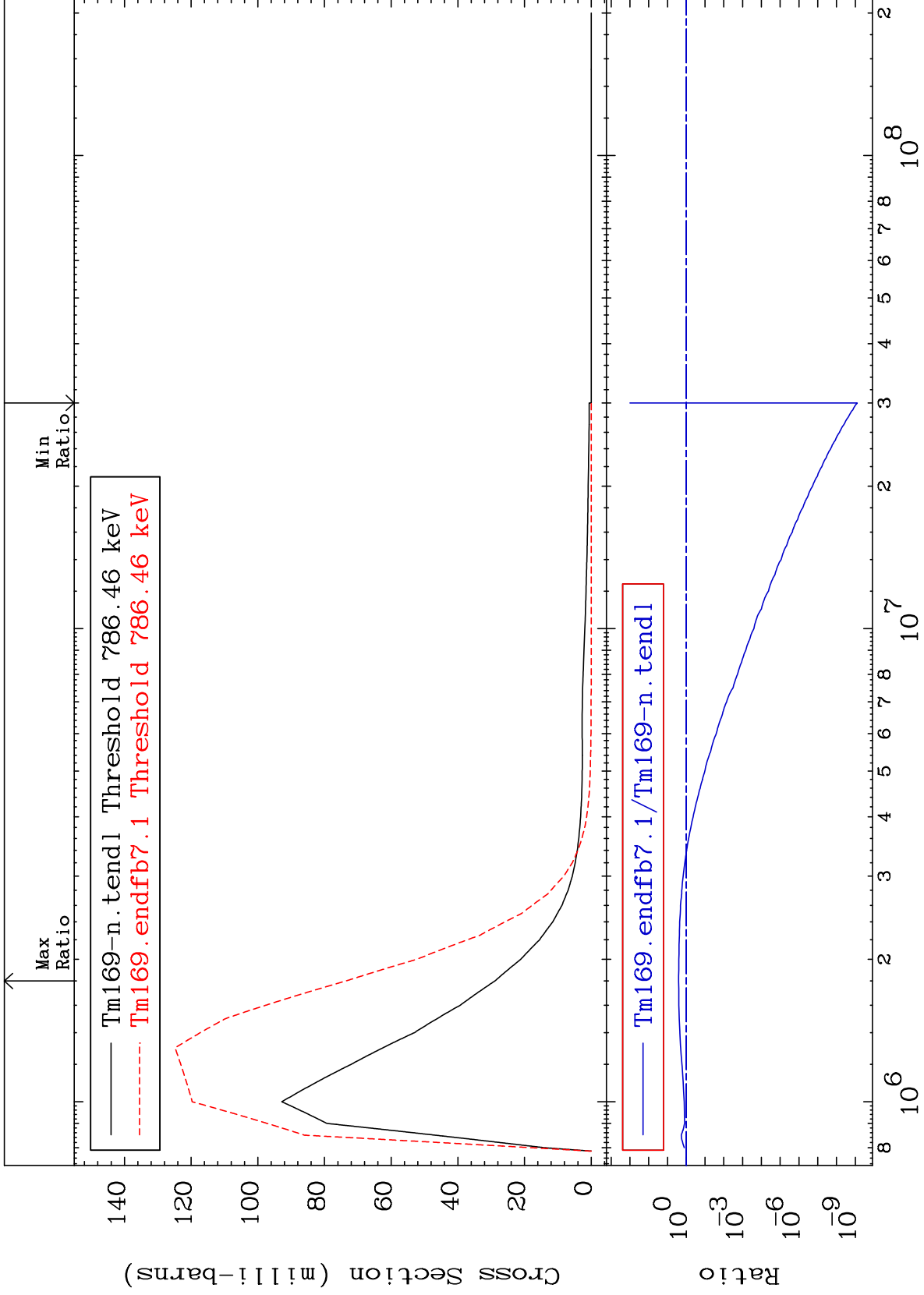
69-Tm-169
-100.0 To 124.6 %



MAT 6925

781.8 keV (n,n') Level
Cross Section

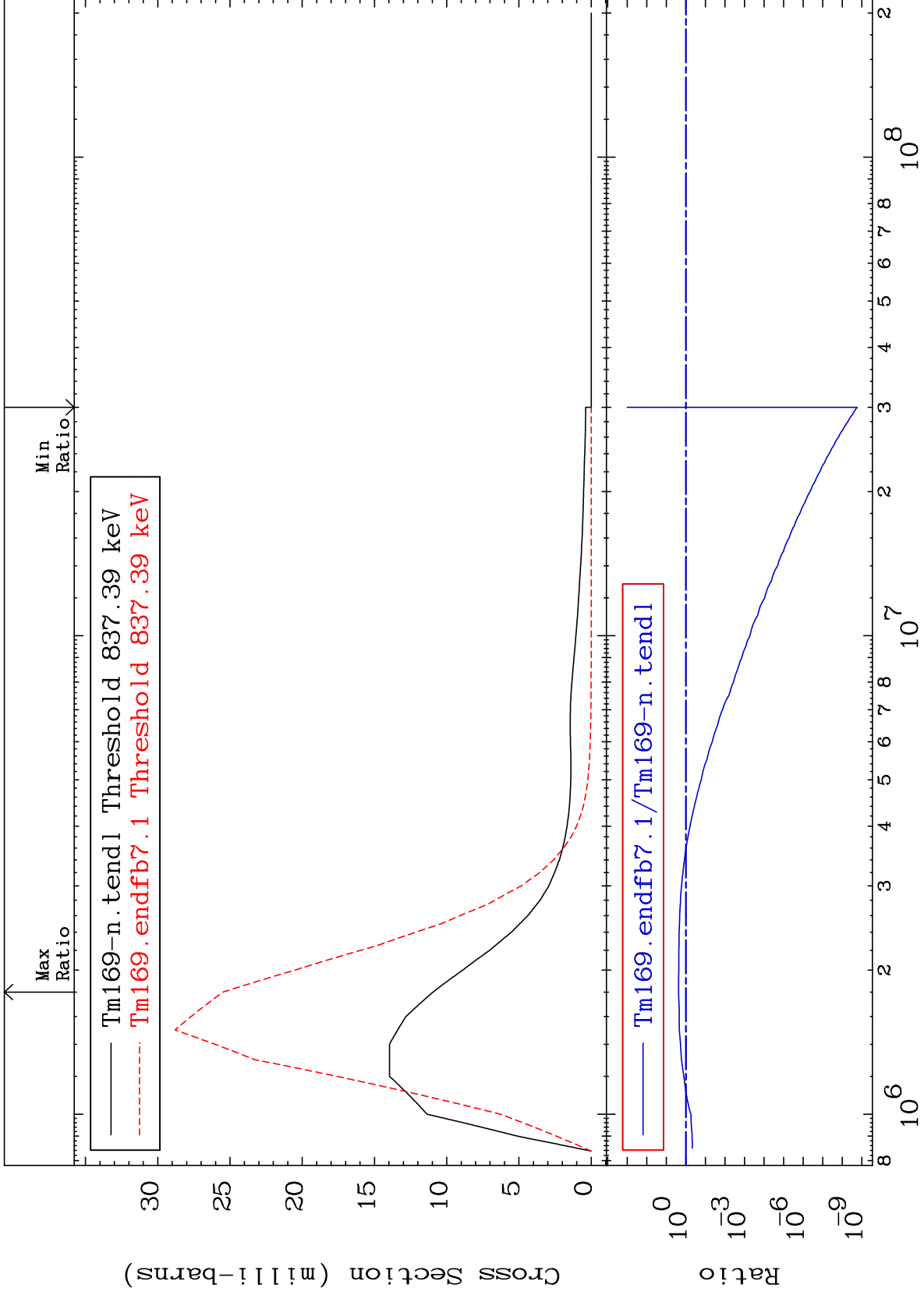
69-Tm-169
-100.0 To 154.7 %



MAT 6925

832.4 keV (n,n') Level
Cross Section

69-Tm-169
-100.0 To 132.8 %



35

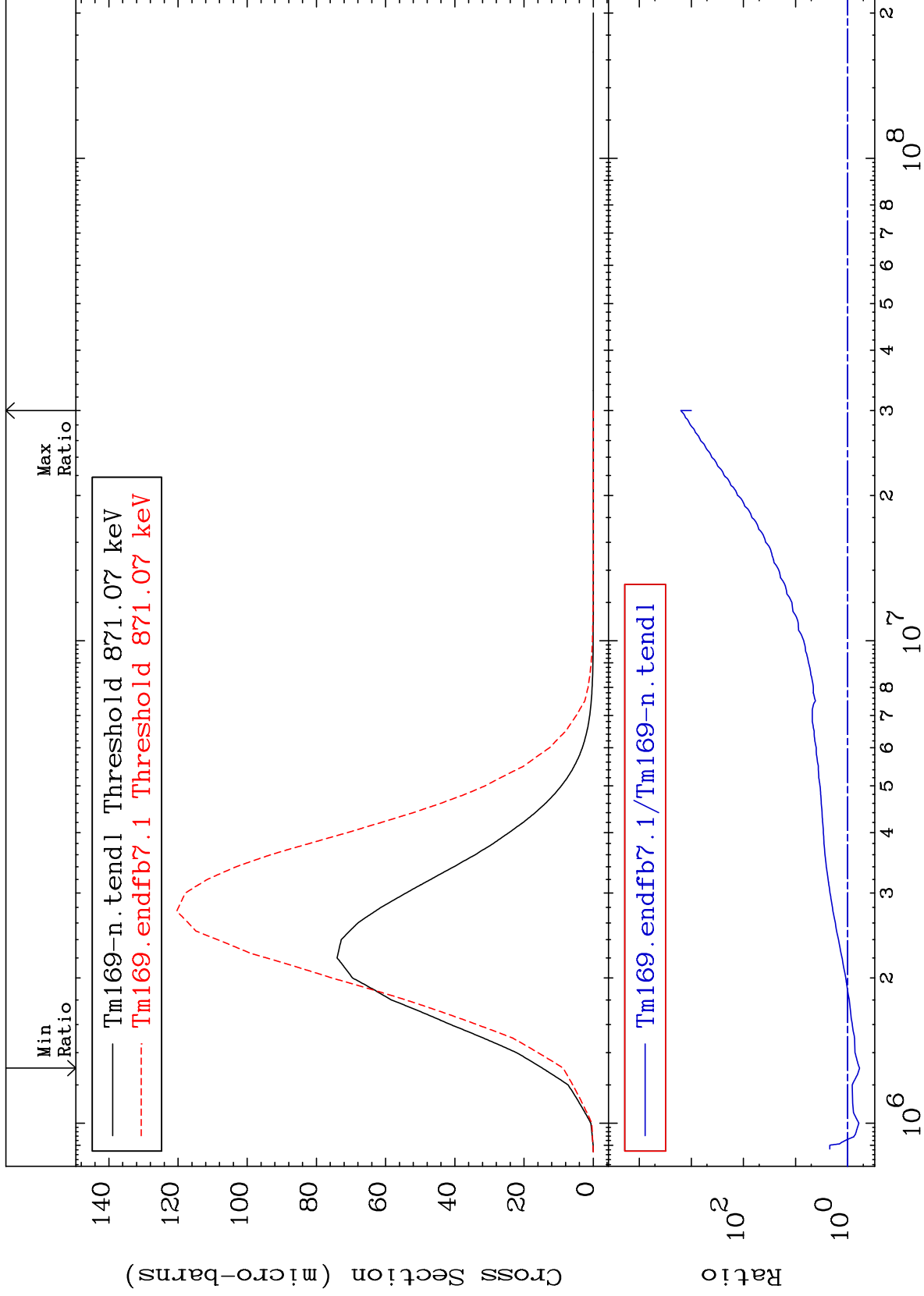
Incident Energy (eV)

69-Tm-169

MAT 6925

865.9 keV (n,n') Level
Cross Section

69-Tm-169
-40.94 To 9999. %



36

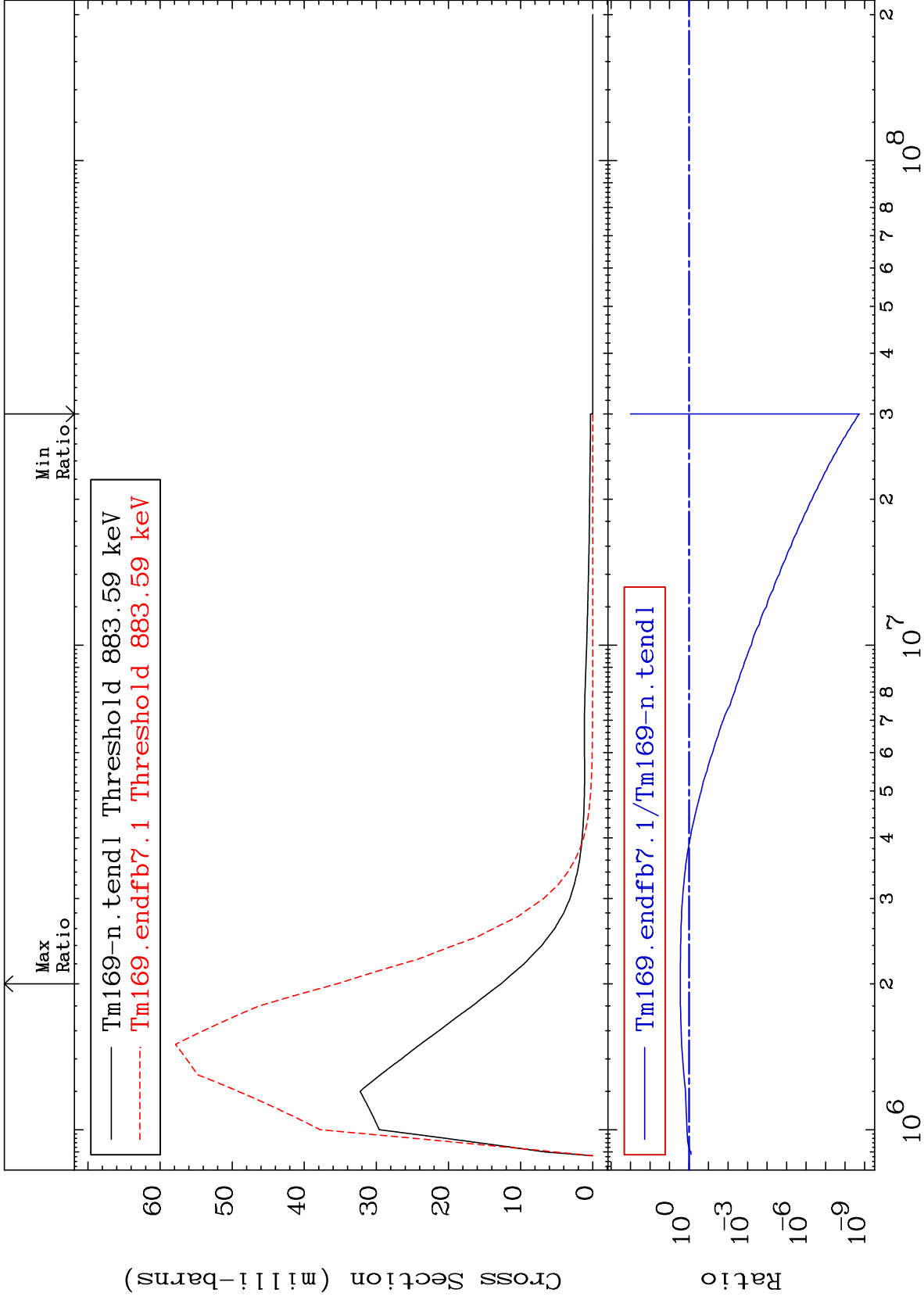
Incident Energy (eV)

69-Tm-169

MAT 6925

878.4 keV (n,n') Level
Cross Section

69-Tm-169
-100.0 To 178.8 %



37

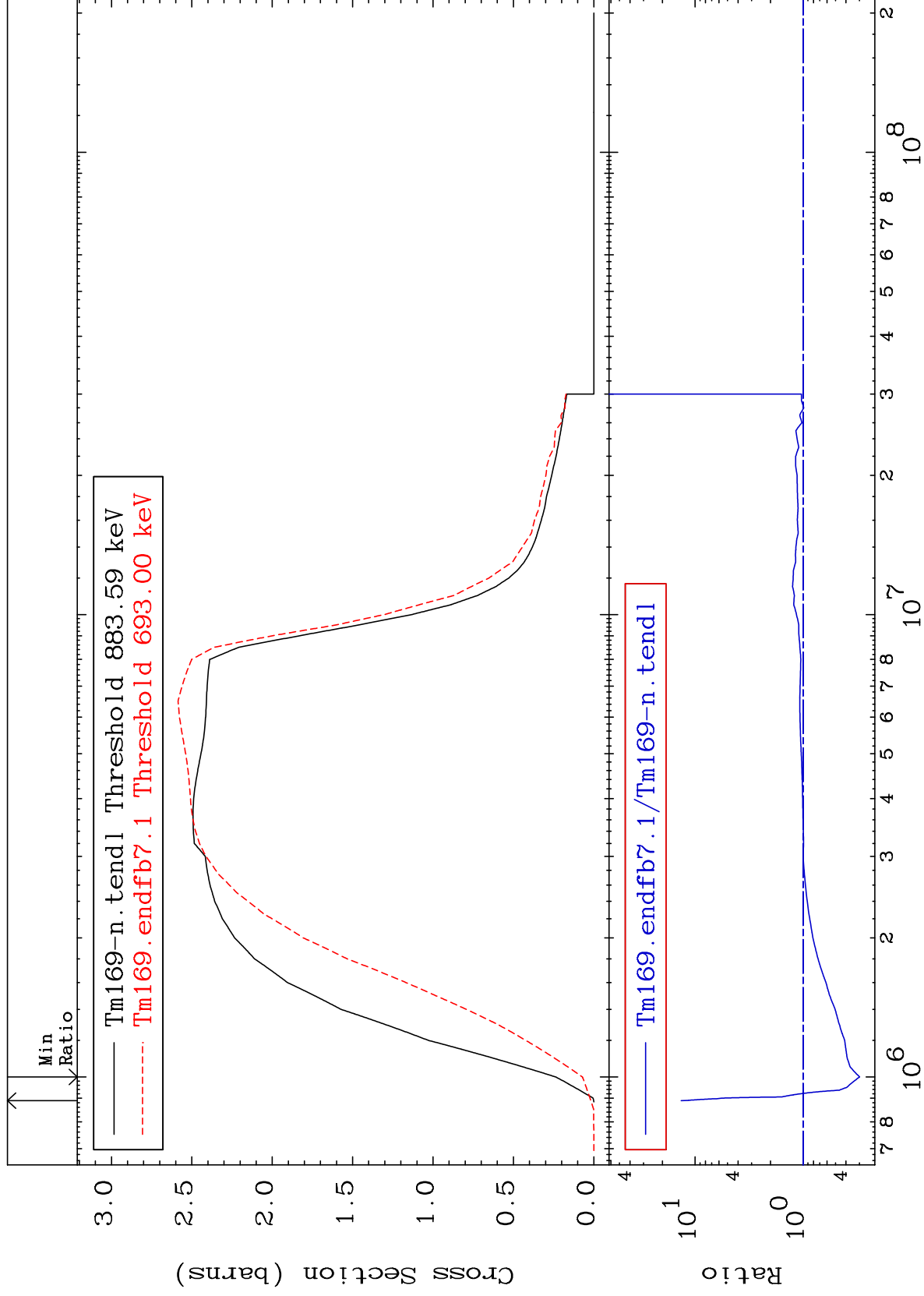
Incident Energy (eV)

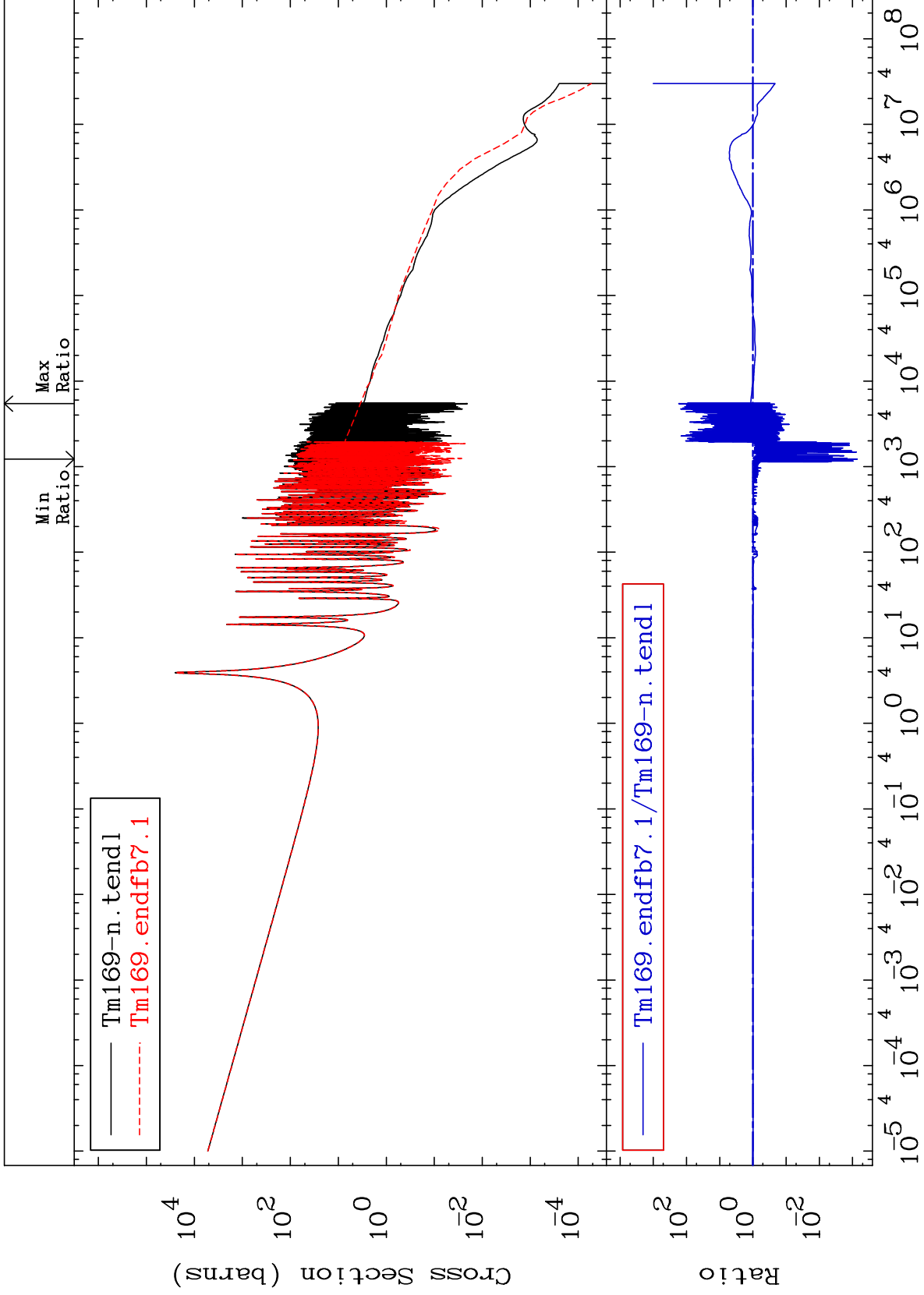
69-Tm-169

MAT 6925

(n, n') Continuum
Cross Section

69-Tm-169
-70.09 To 1243. %





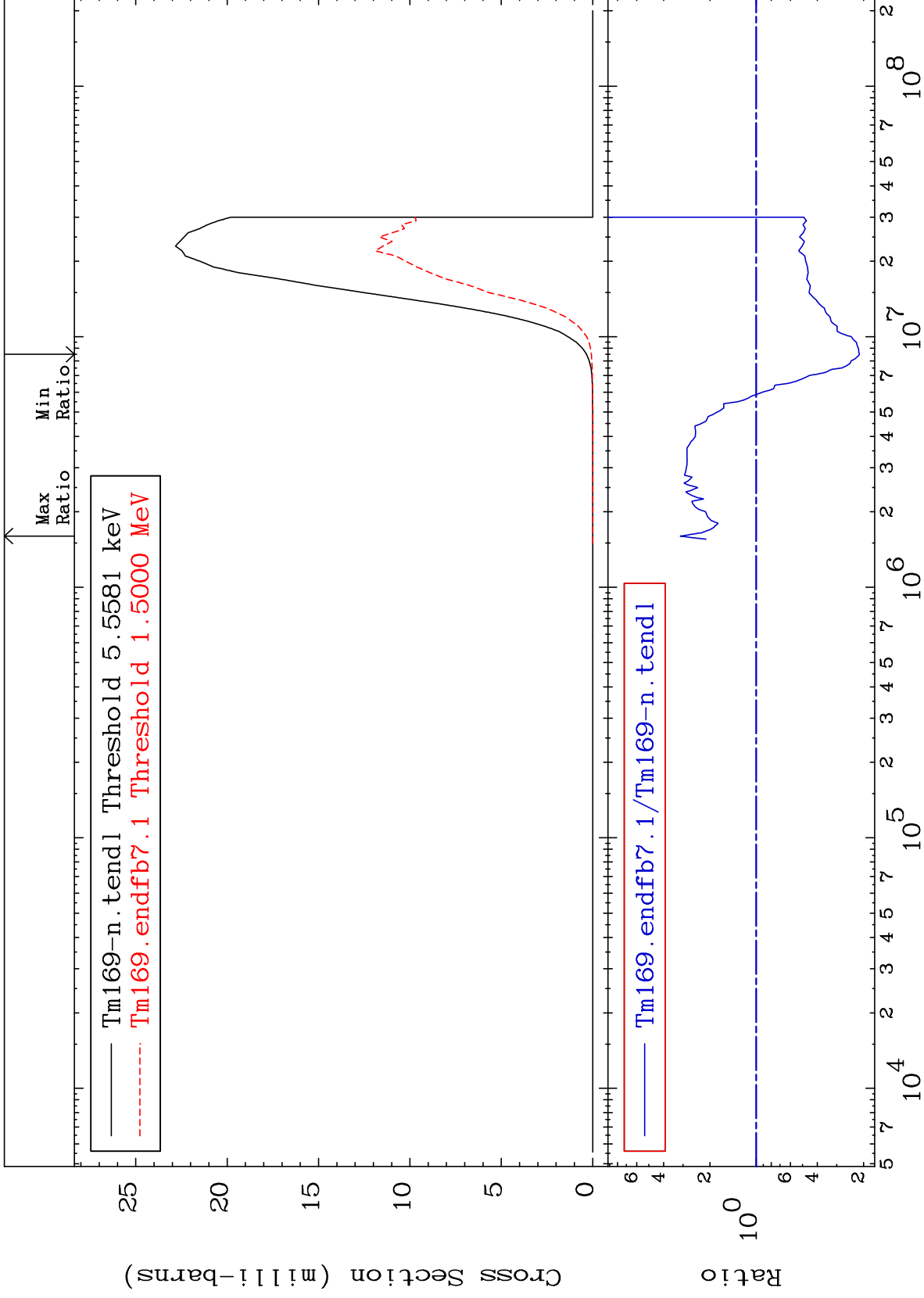
MAT 6925

(n, p)

69-Tm-169

Cross Section

-78.69 To 211.8 %



40

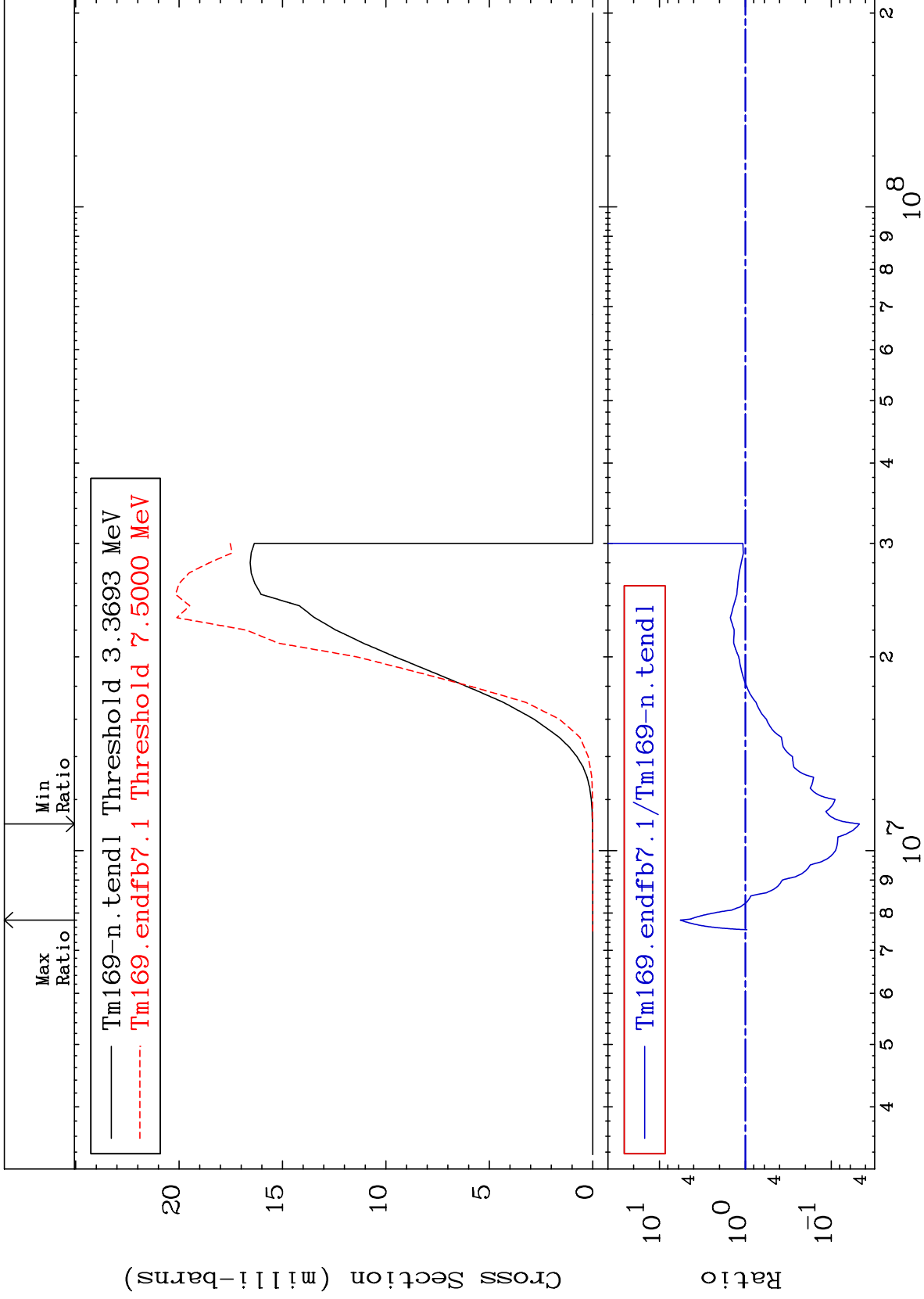
Incident Energy (eV)

69-Tm-169

MAT 6925

(n, d)
Cross Section

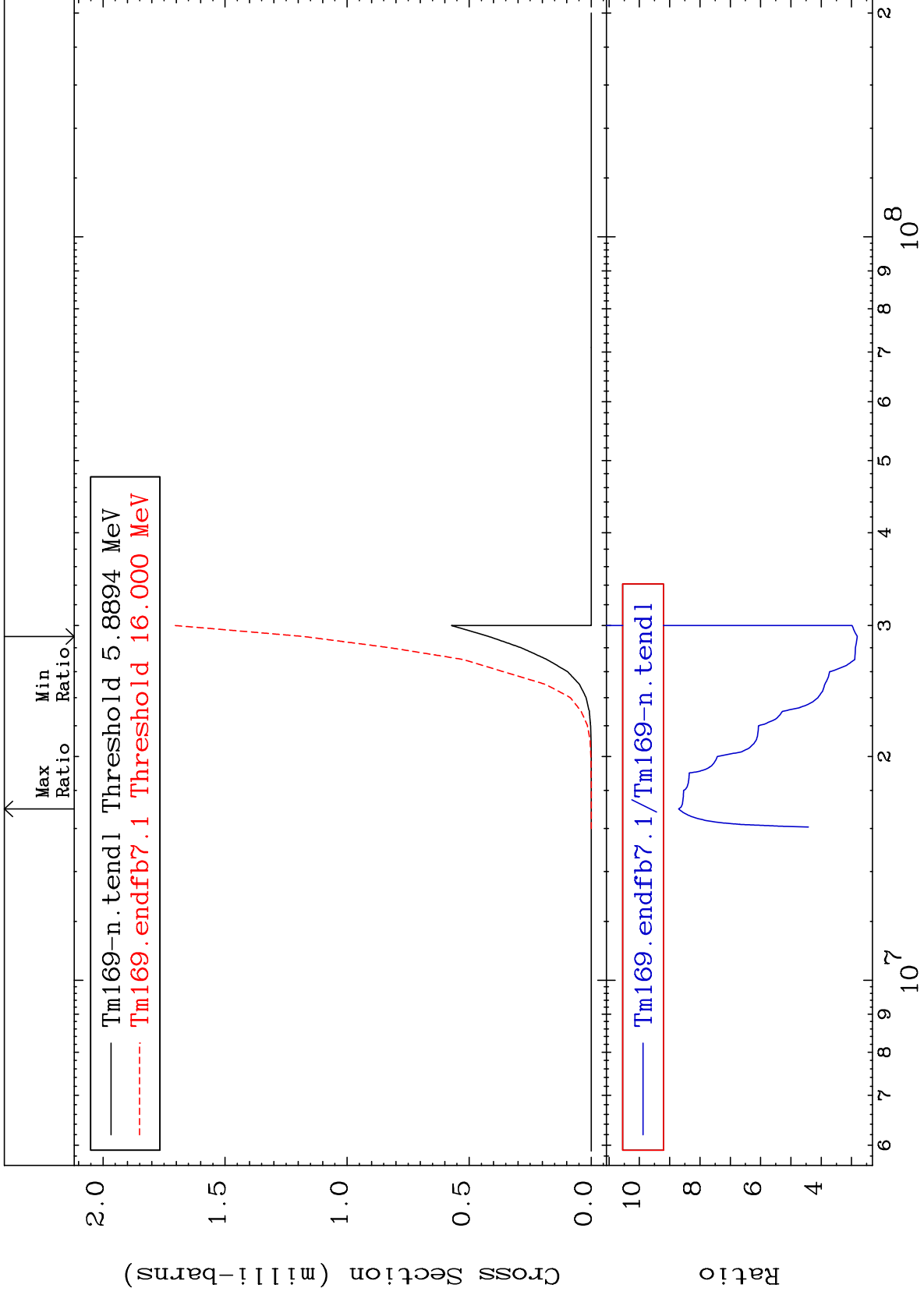
69-Tm-169
-95.31 To 471.6 %



MAT 6925

(n, He-3)
Cross Section

69-Tm-169
181.1 To 770.5 %



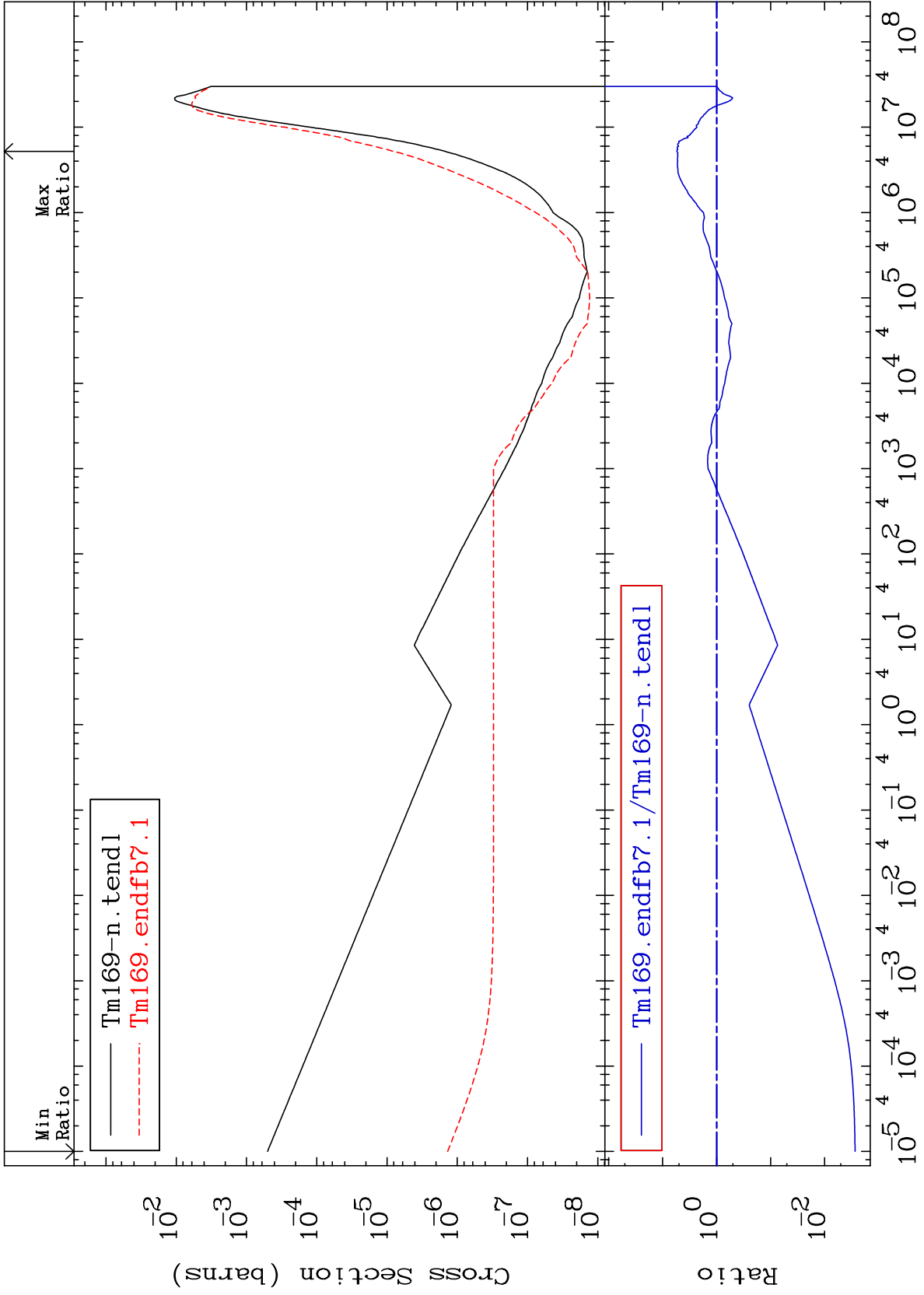
MAT 6925

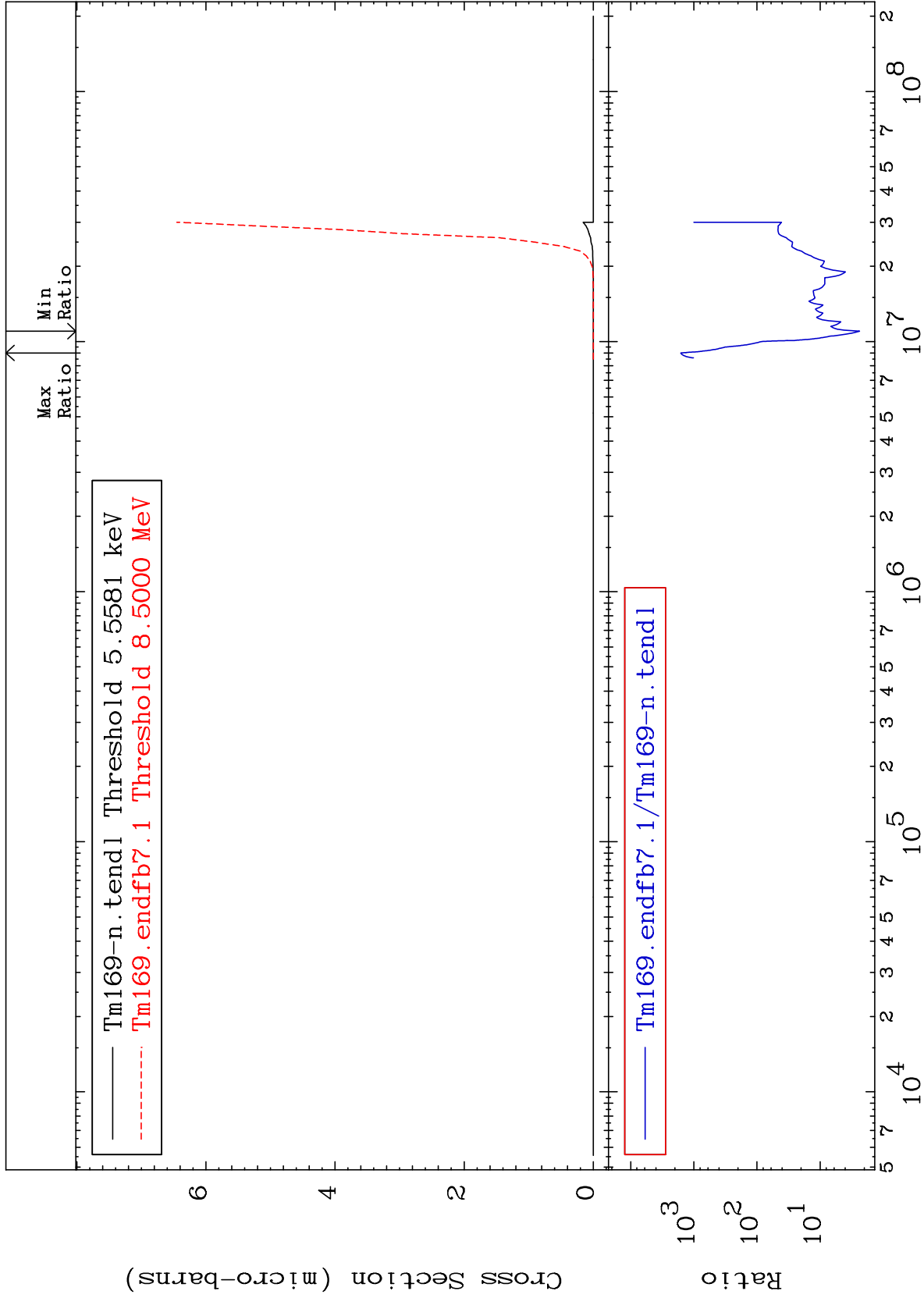
(n, α)

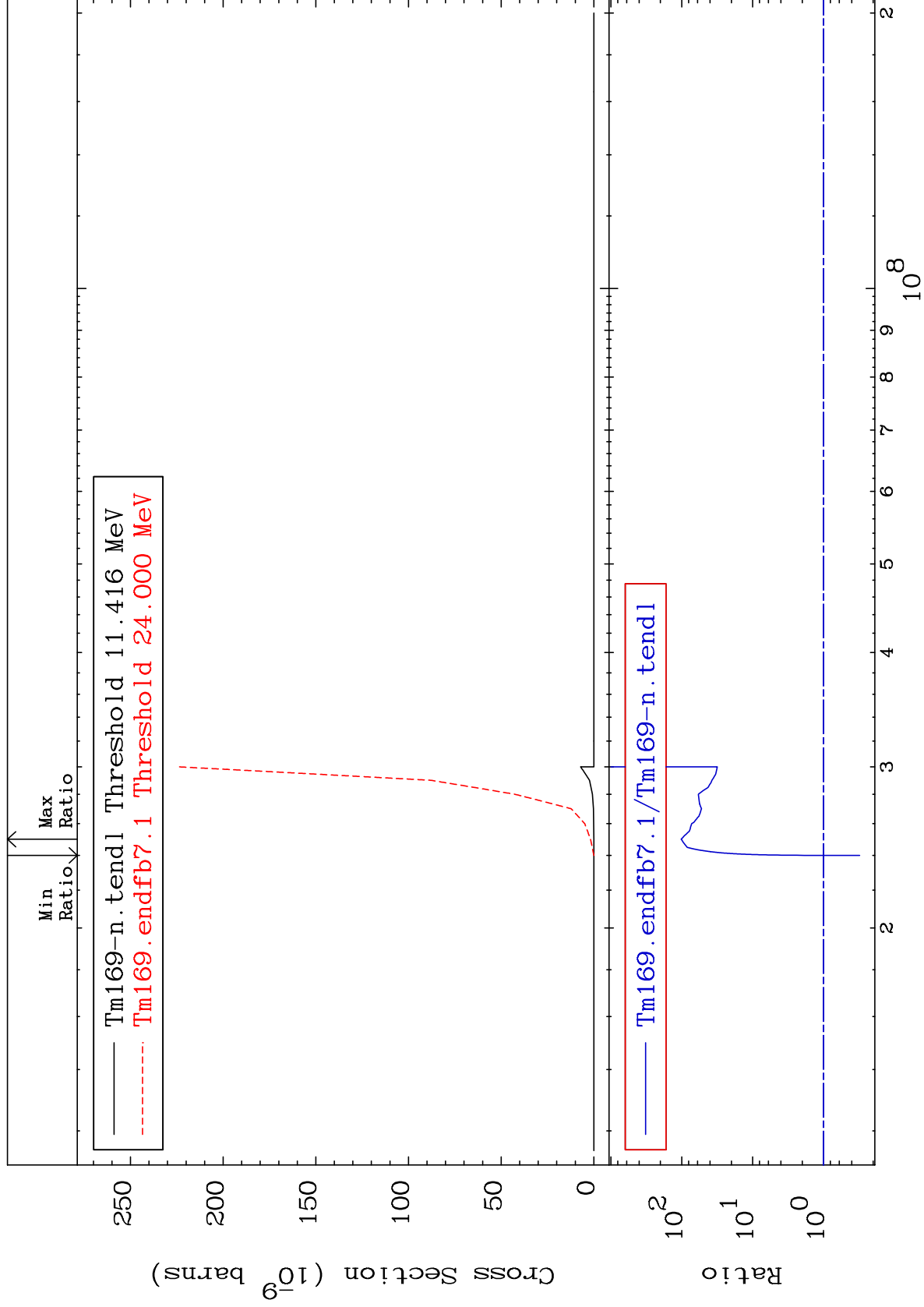
Cross Section

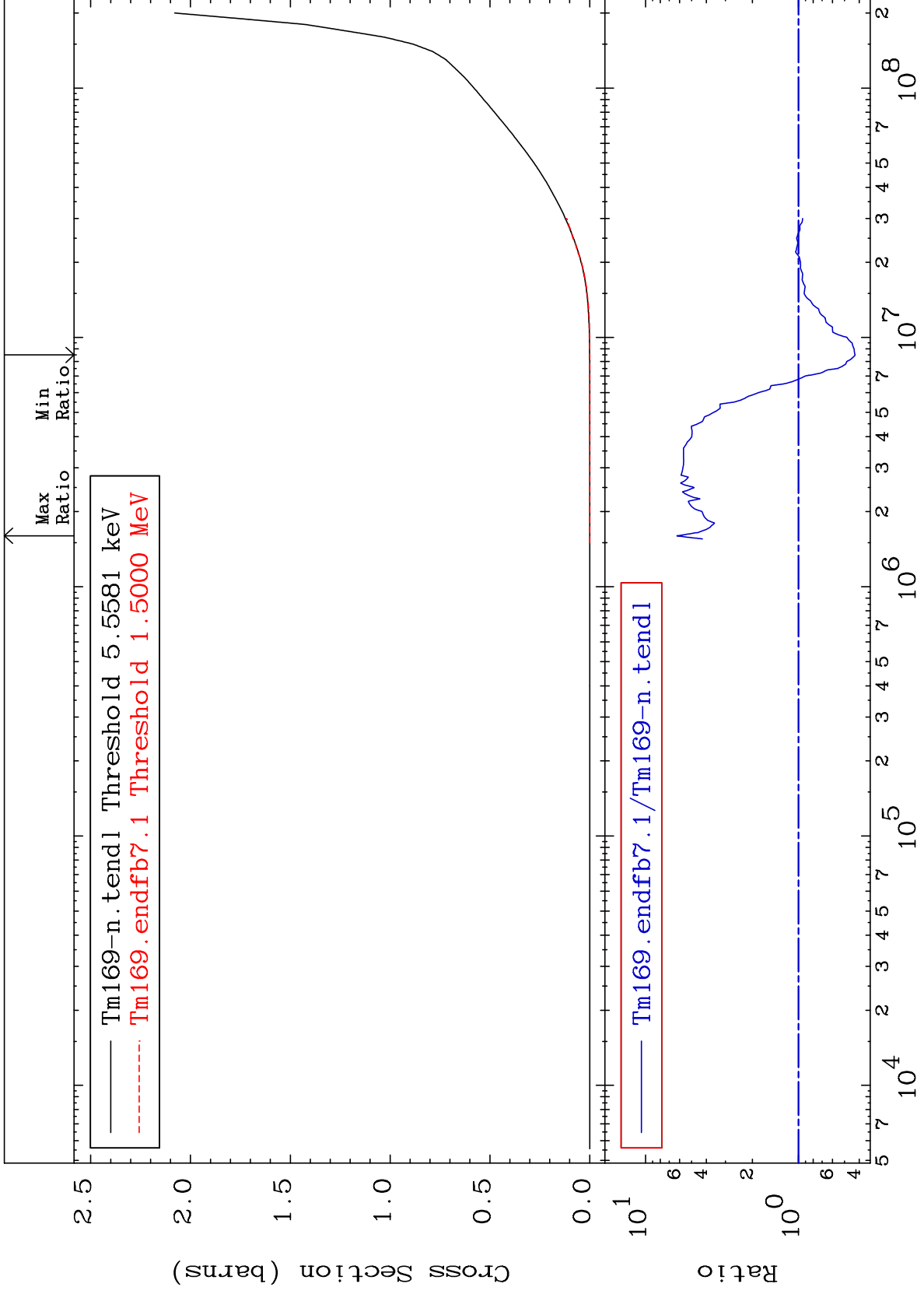
69-Tm-169

-99.73 To 443.7 %





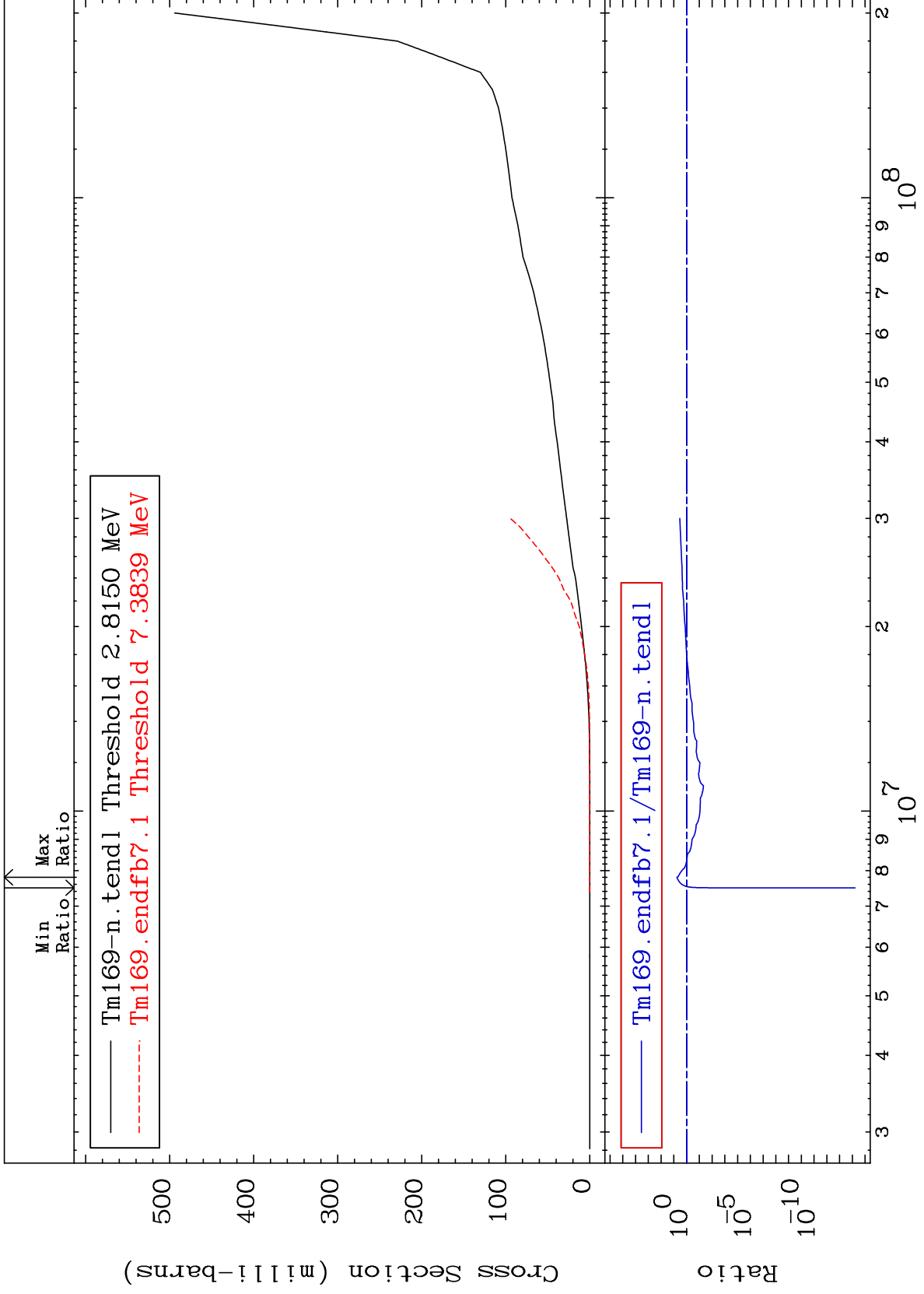


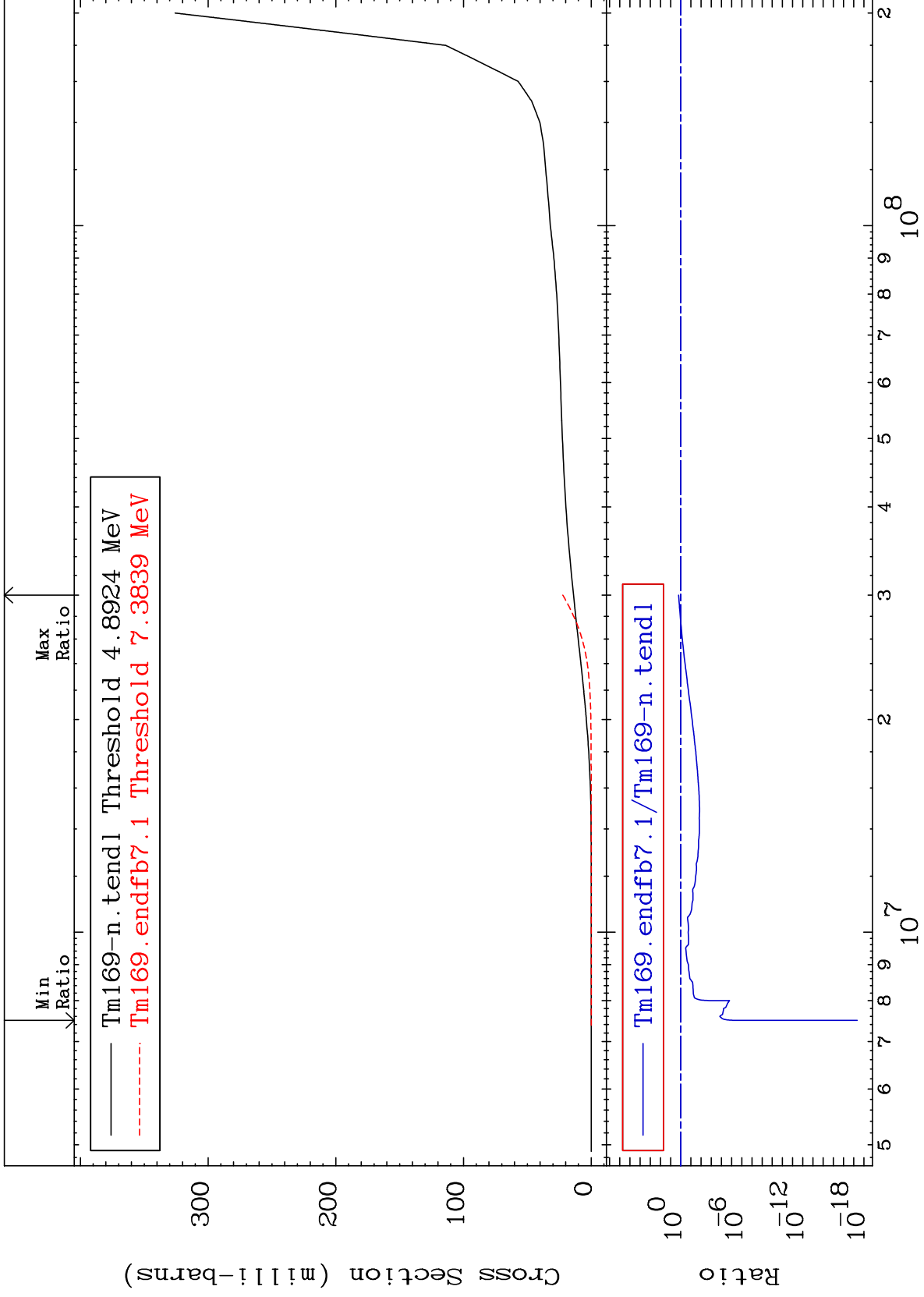


MAT 6925

Deuterium Production
Cross Section

69-Tm-169
-100.0 To 471.6 %

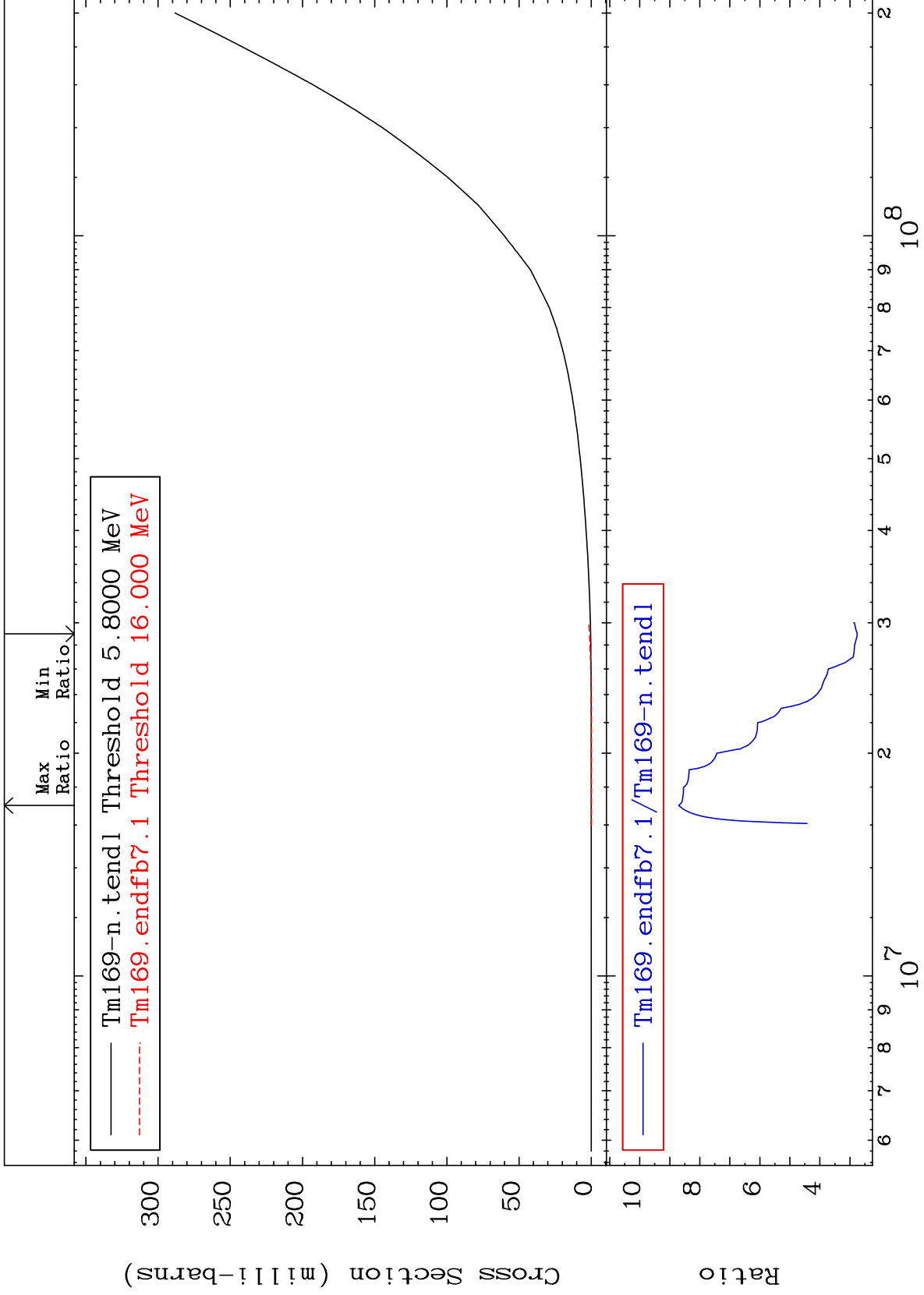




MAT 6925

He-3 Production
Cross Section

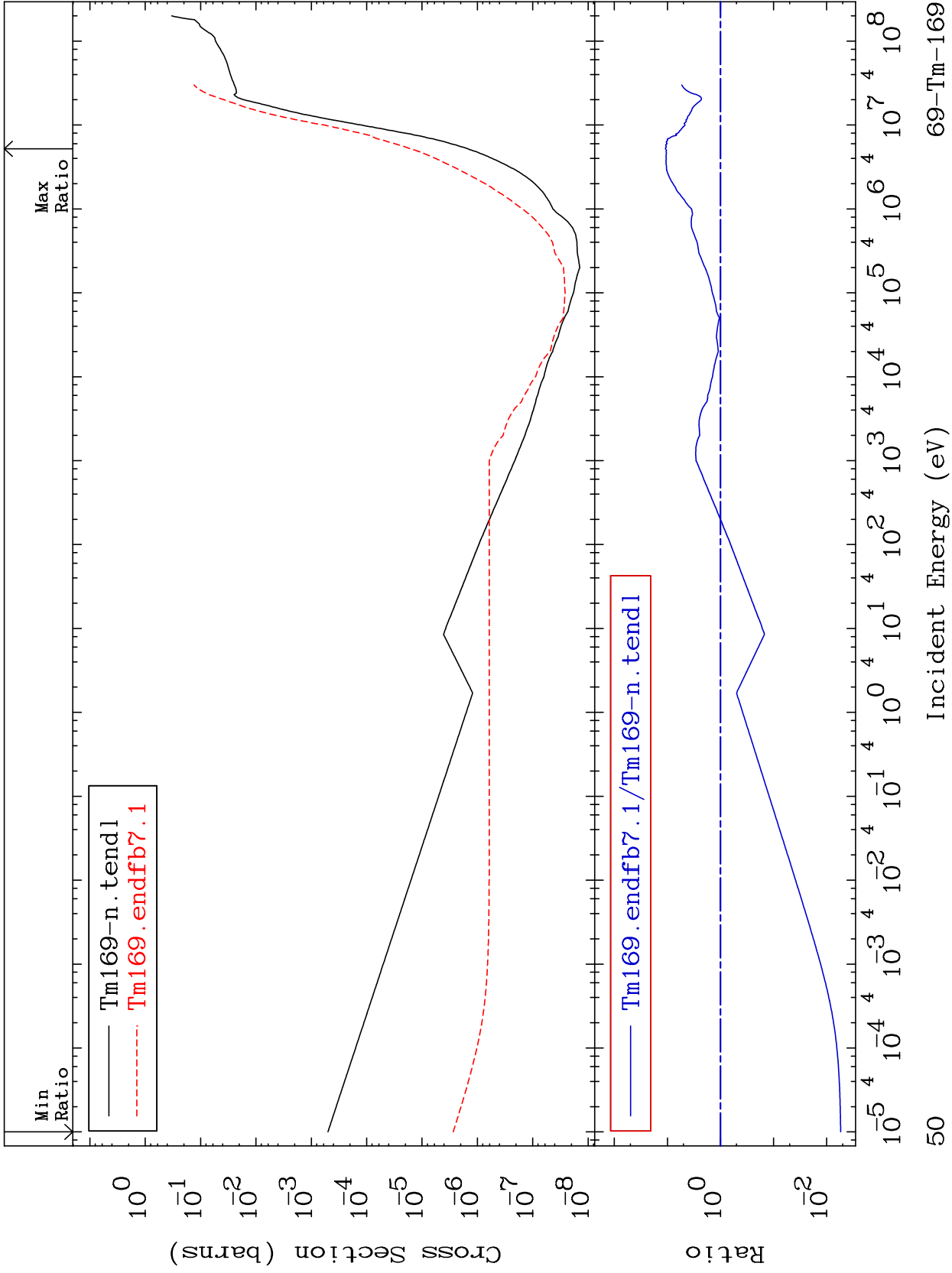
69-Tm-169
175.6 To 770.5 %



MAT 6925

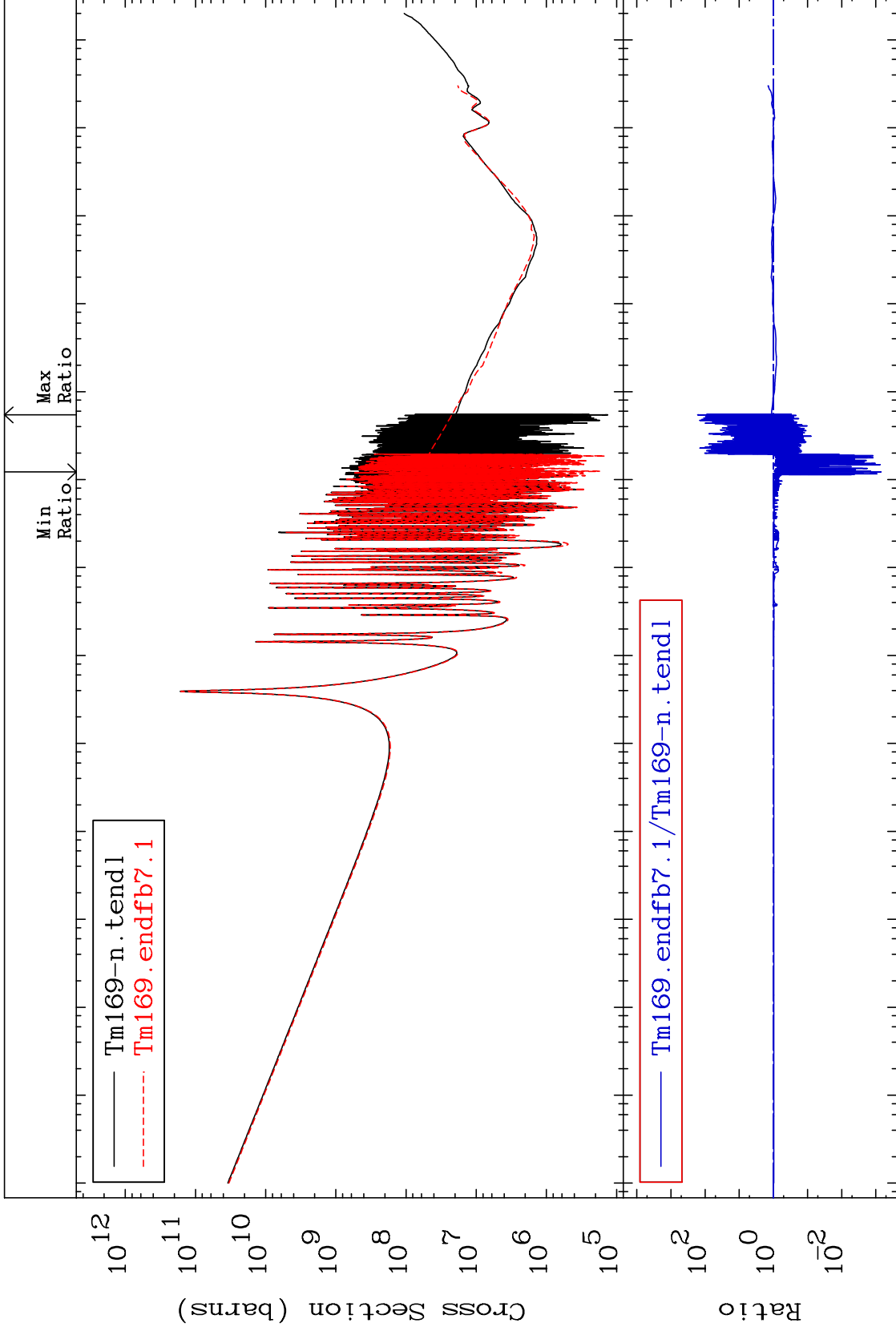
He-4 Production
Cross Section

69-Tm-169
-99.45 To 987.3 %



Cross Section

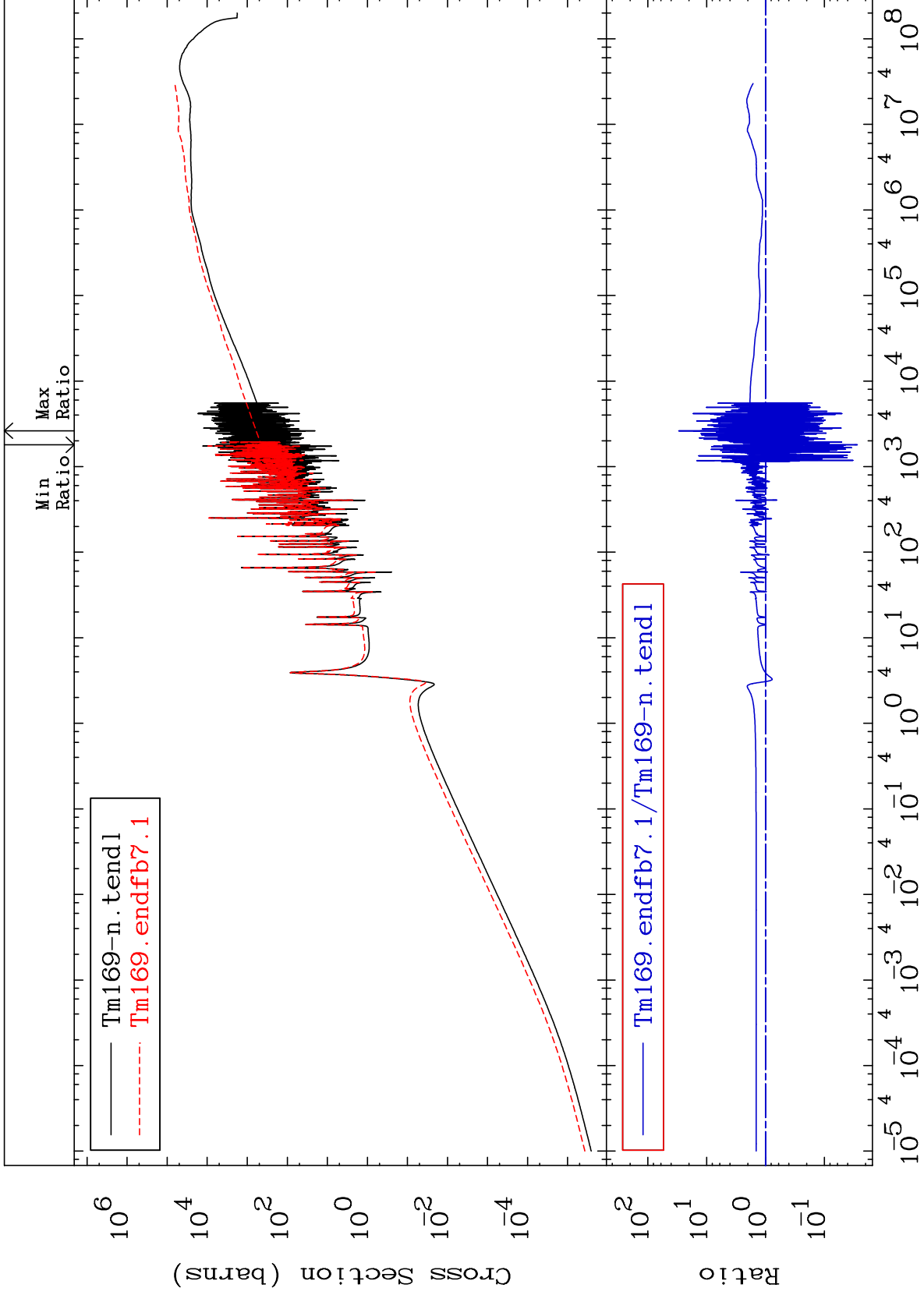
-99.93 To 9999. %

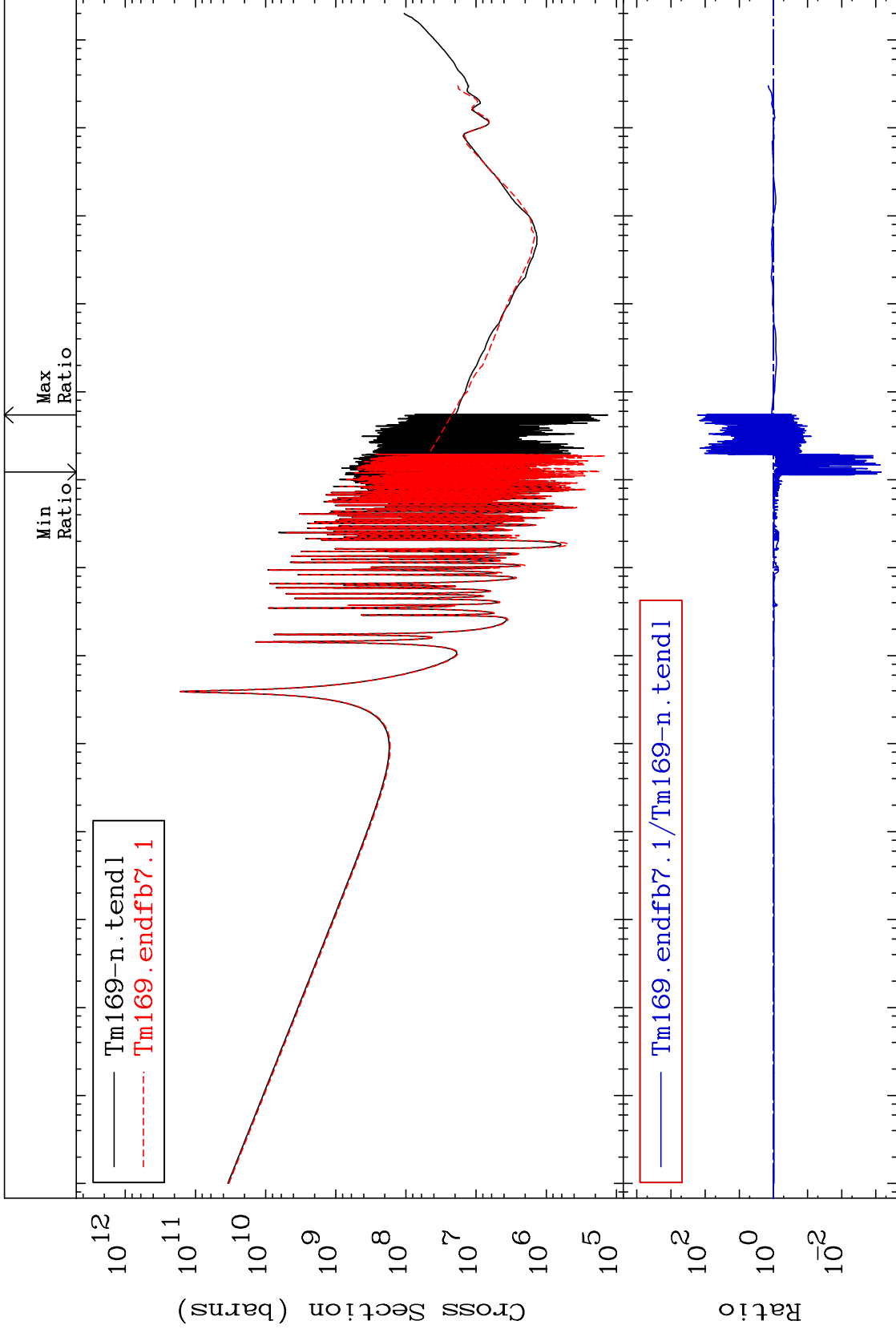


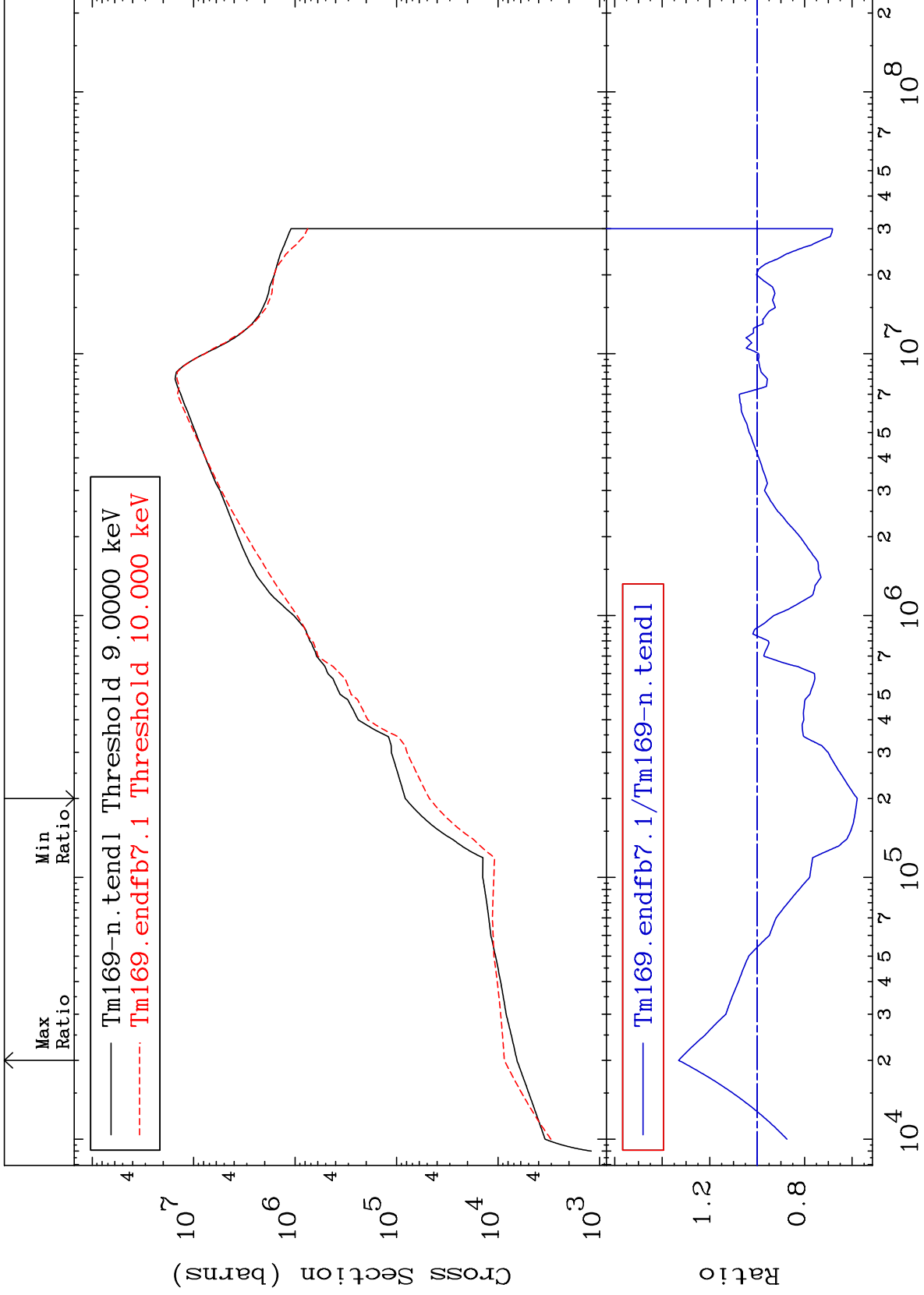
MAT 6925

Kerma elastic
Cross Section

69-Tm-169
-97.24 To 2890. %



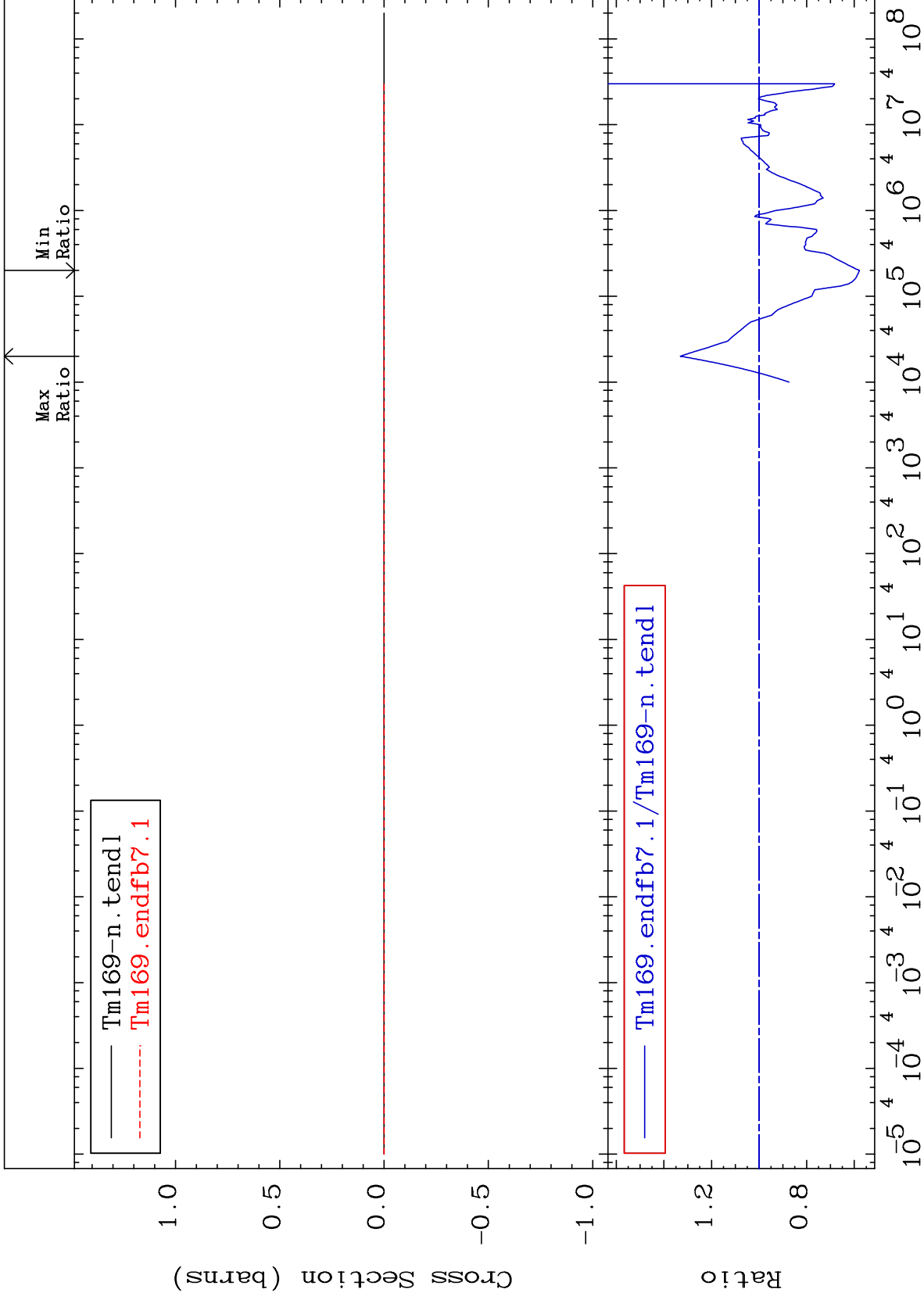


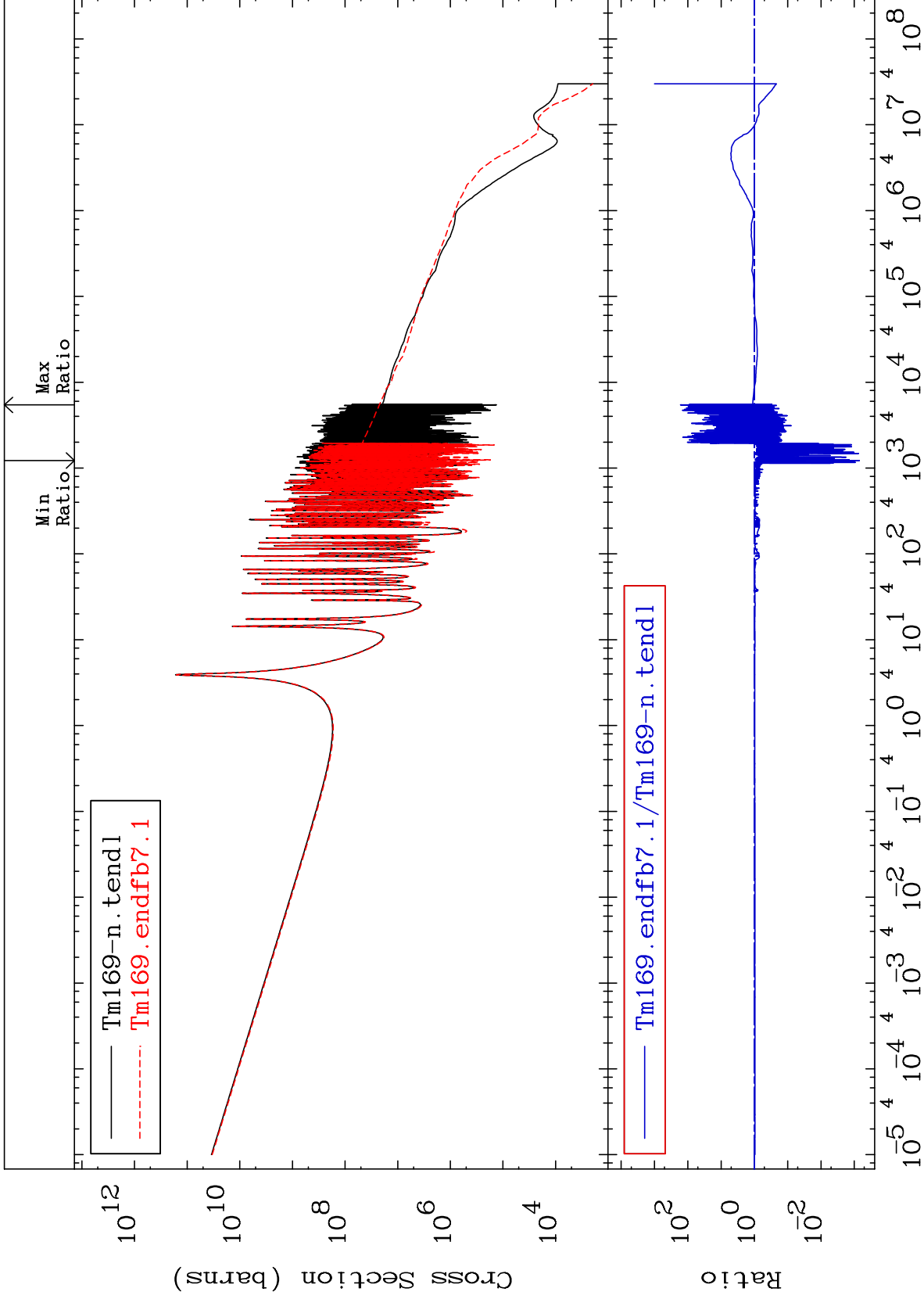


MAT 6925

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

69-Tm-169
-42.15 To 33.10 %

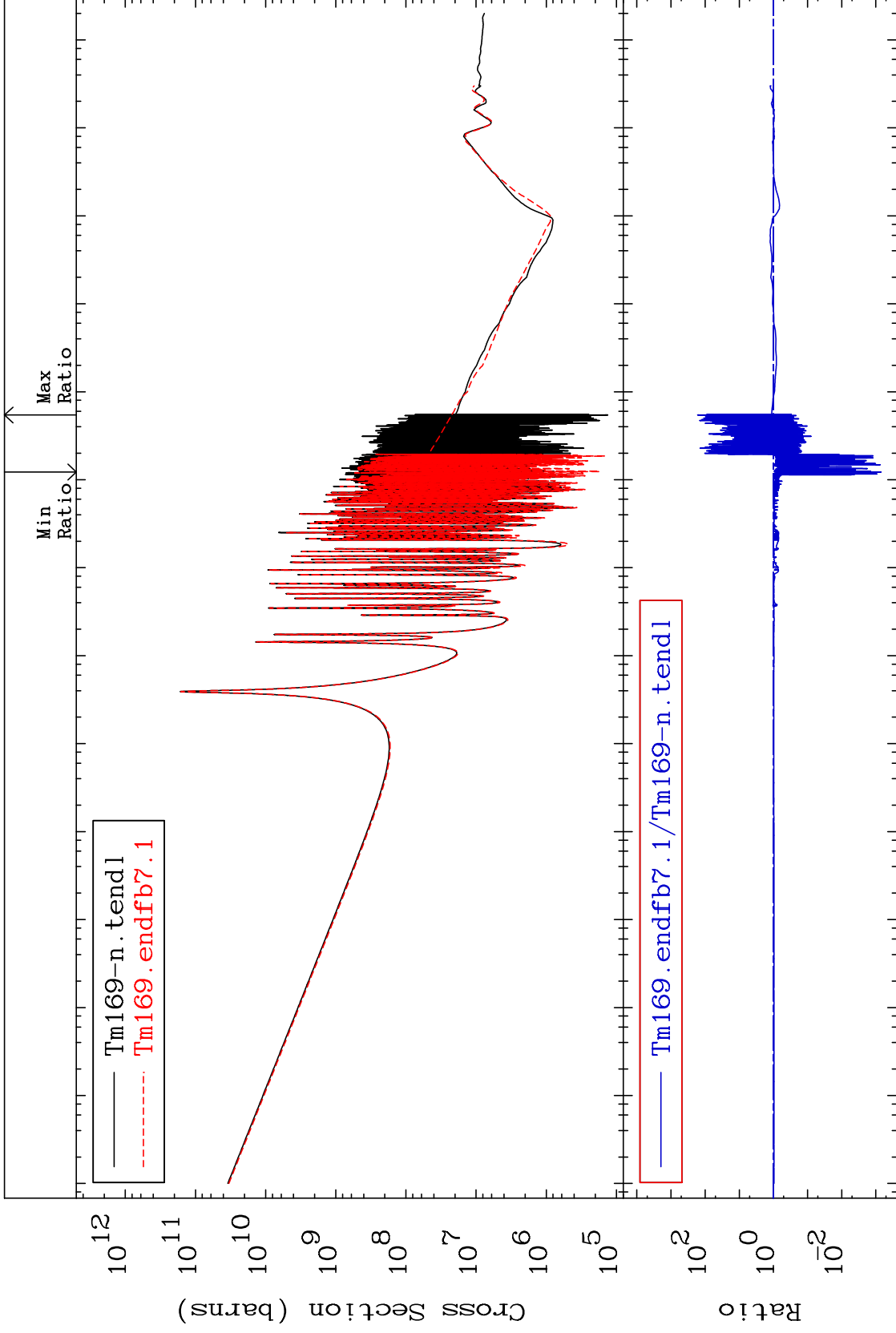




MAT 6925

Total photon (eV-barns)
Cross Section

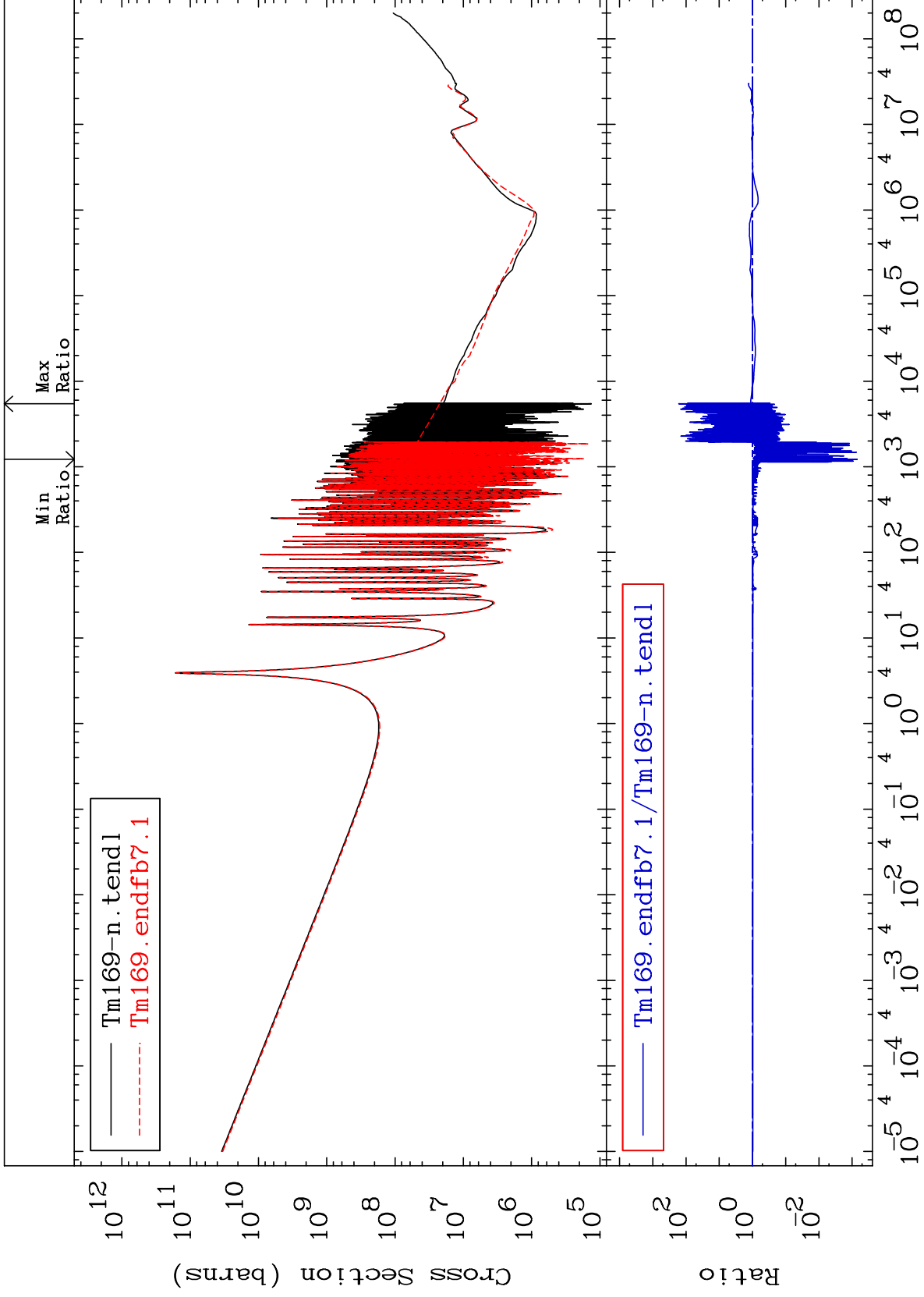
69-Tm-169
-99.93 To 9999. %

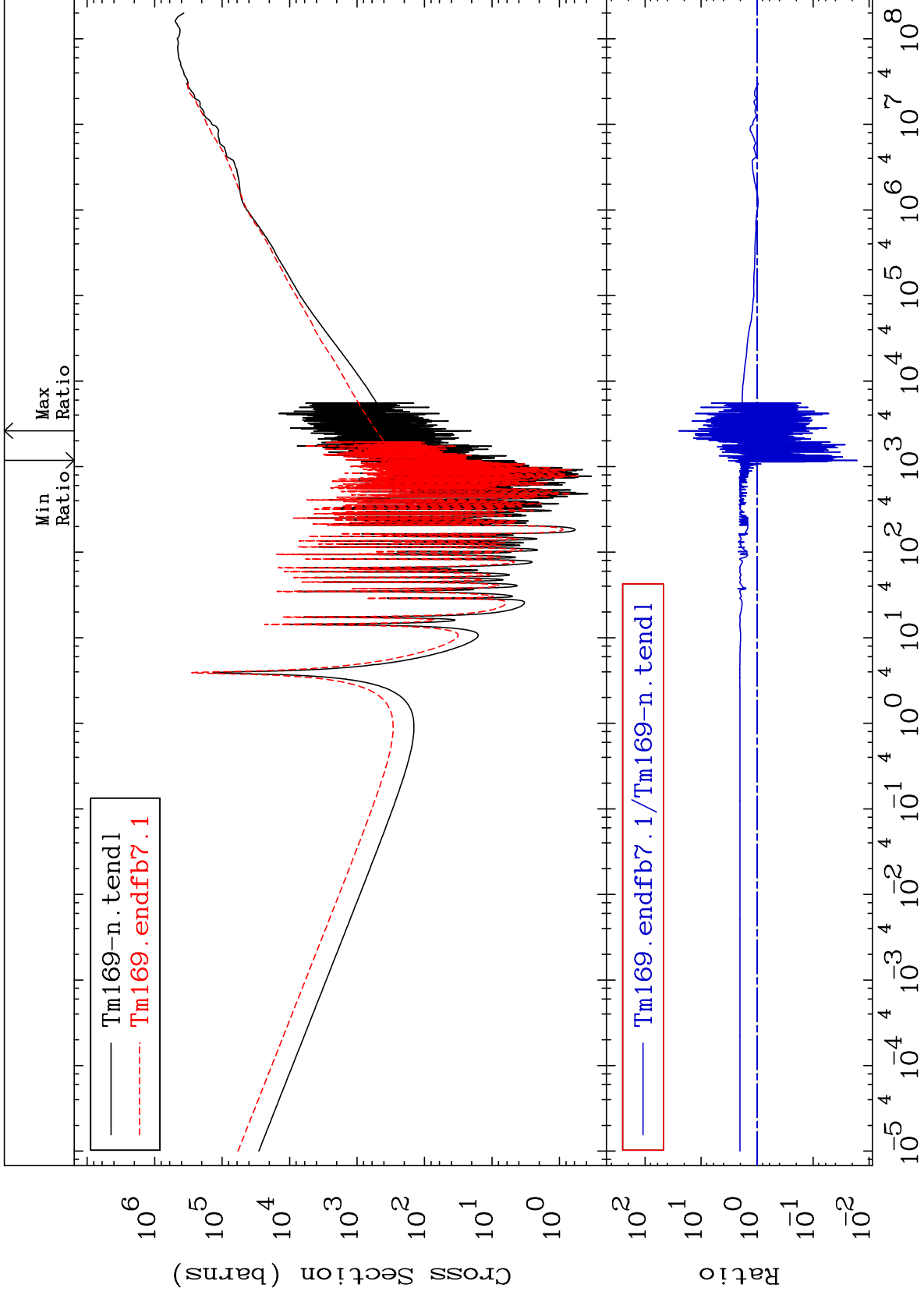


57

Incident Energy (eV)

69-Tm-169

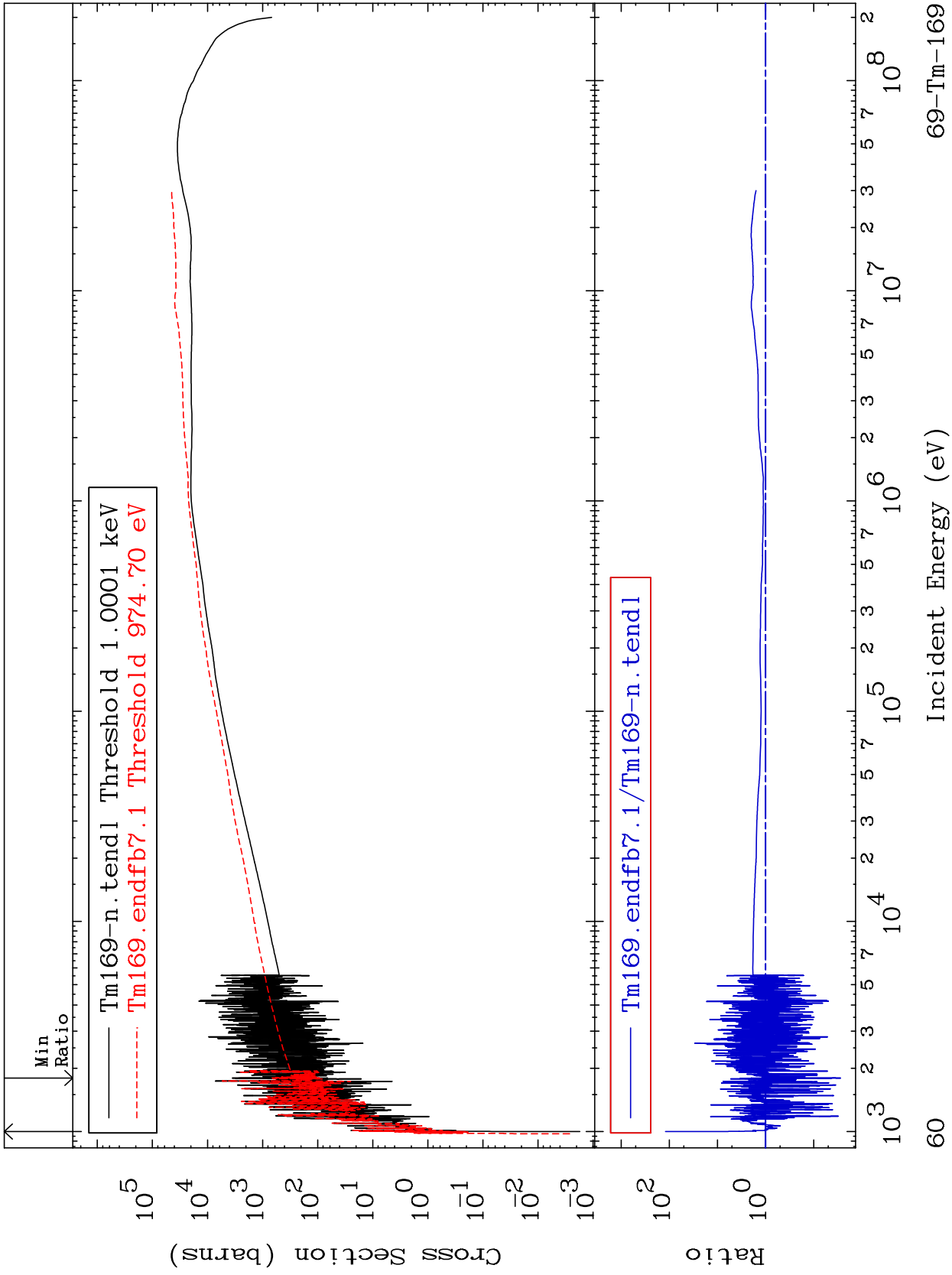




MAT 6925

Dpa elastic (mt2)
Cross Section

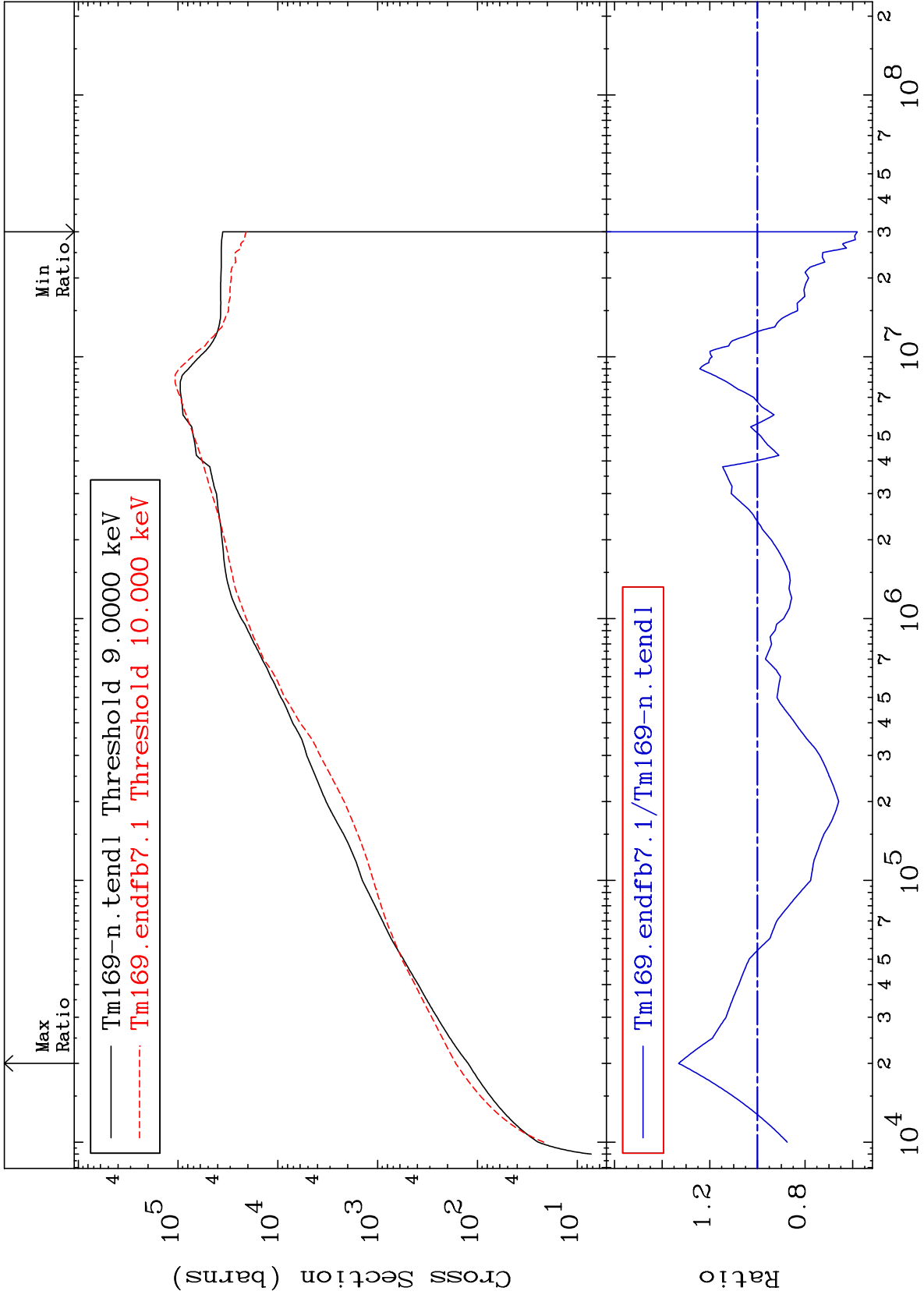
69-Tm-169
-97.24 To 9999. %



MAT 6925

Dpa inelastic (mt51-91)
Cross Section

69-Tm-169
-41.90 To 33.08 %



61

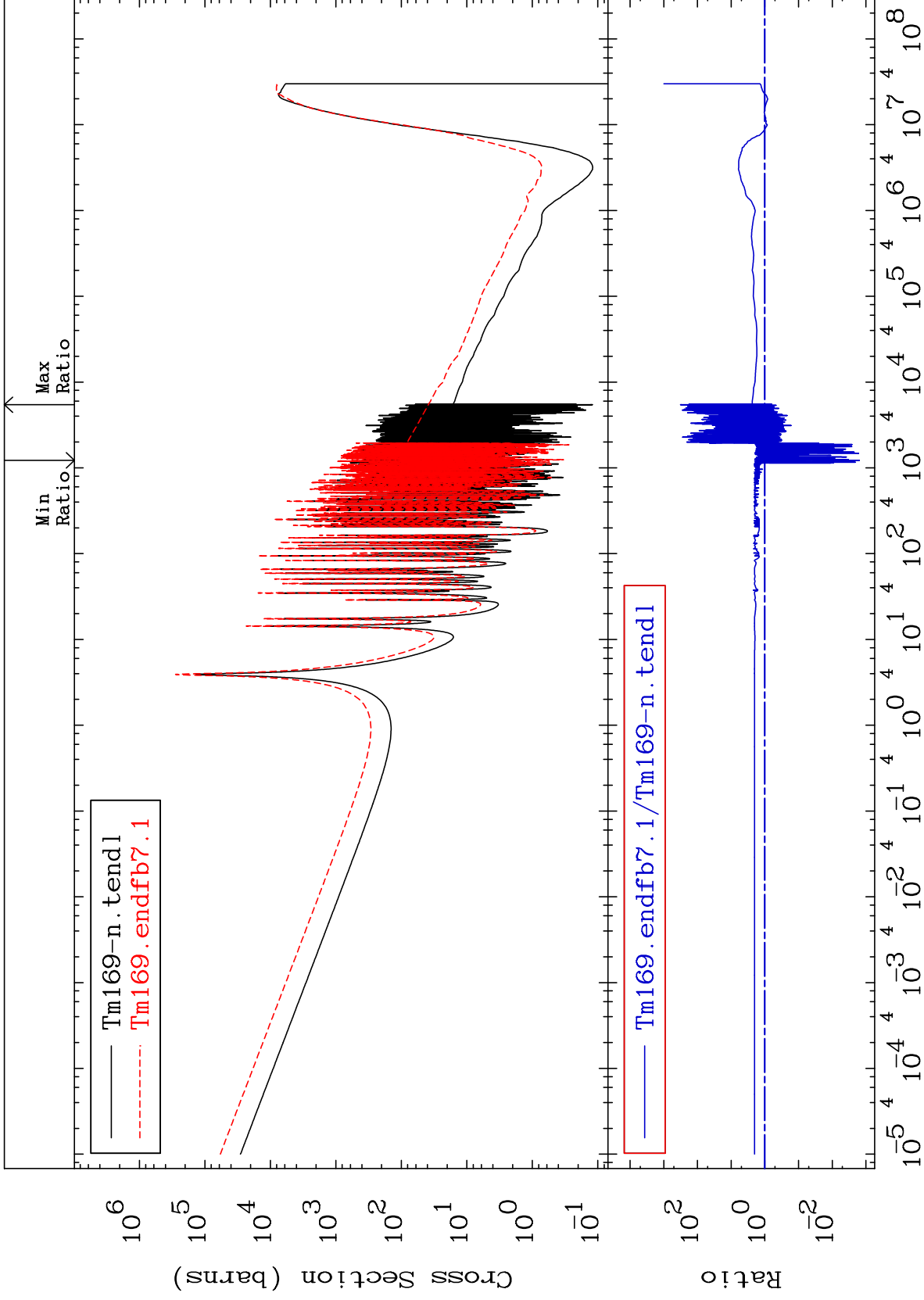
Incident Energy (eV)

69-Tm-169

MAT 6925

Dpa disappearance (mt102 -120)
Cross Section

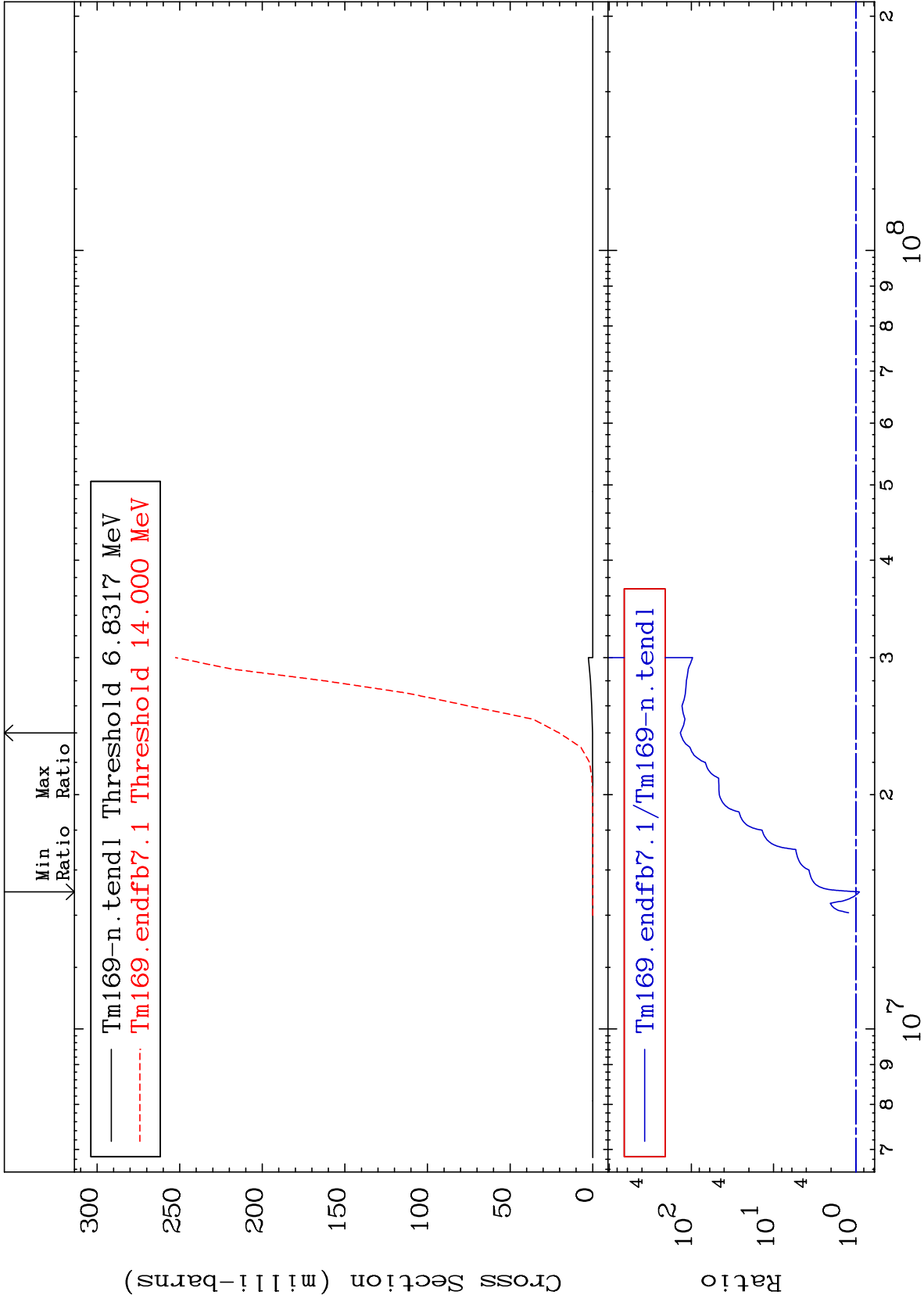
69-Tm-169
-99.84 To 9999. %



62

Incident Energy (eV)

69-Tm-169



Radionuclide Production Cross Section -99.73 To 1264. %

