

Program Complot
(Version 2018-1)

by

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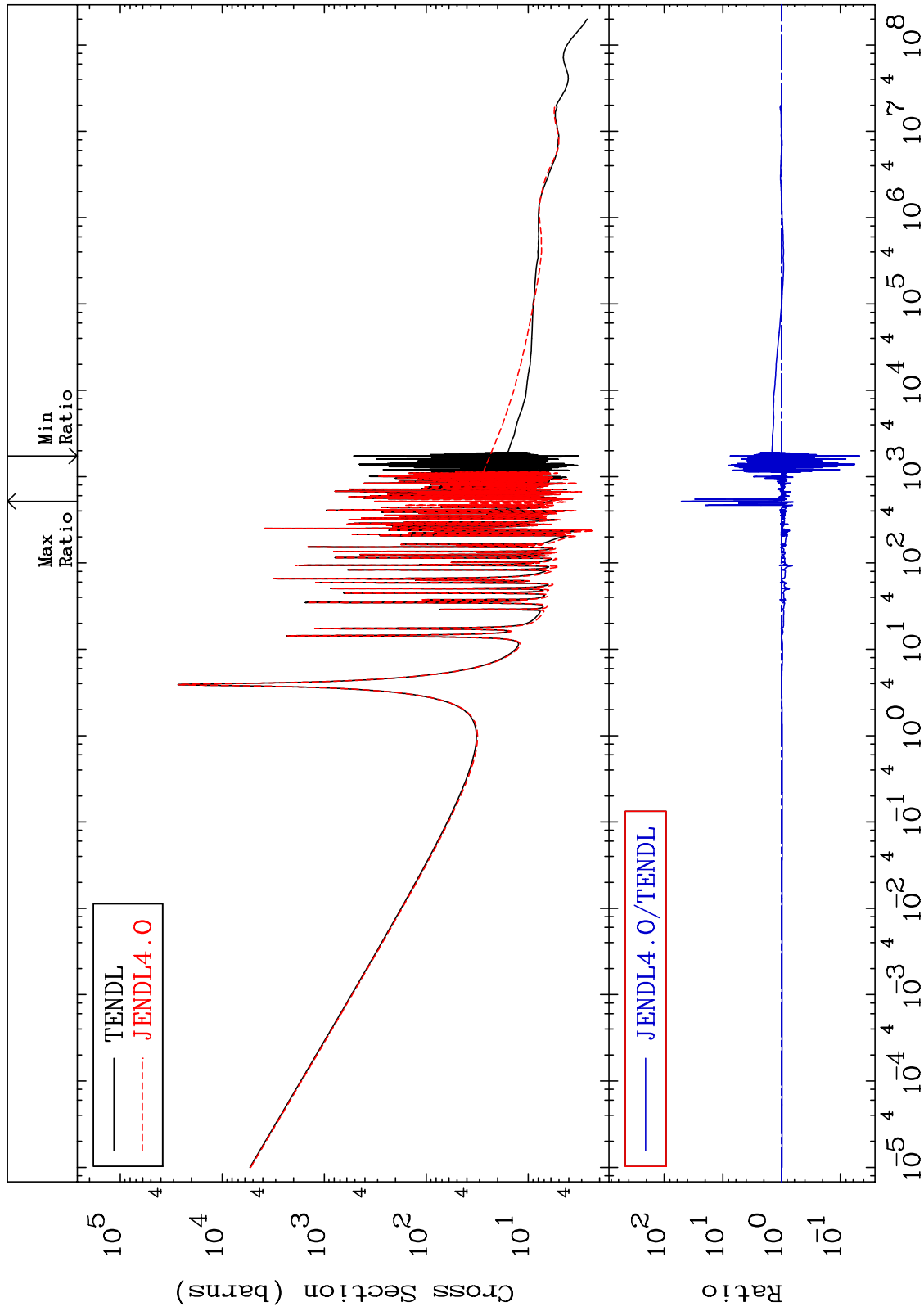
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6925

Total
Cross Section

69-Tm-169
-95.36 To 5024. %



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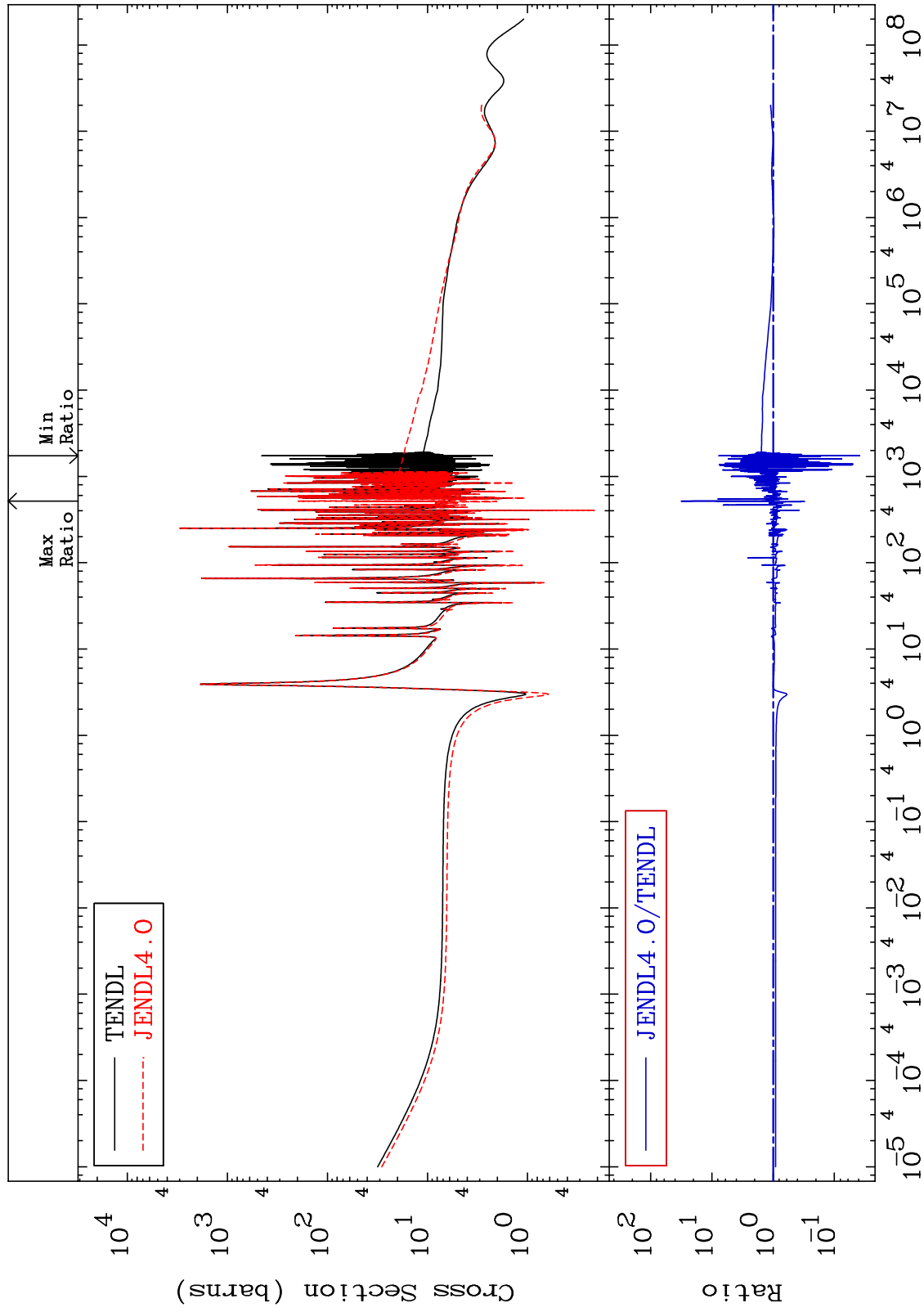
Incident Energy (eV)

69-Tm-169

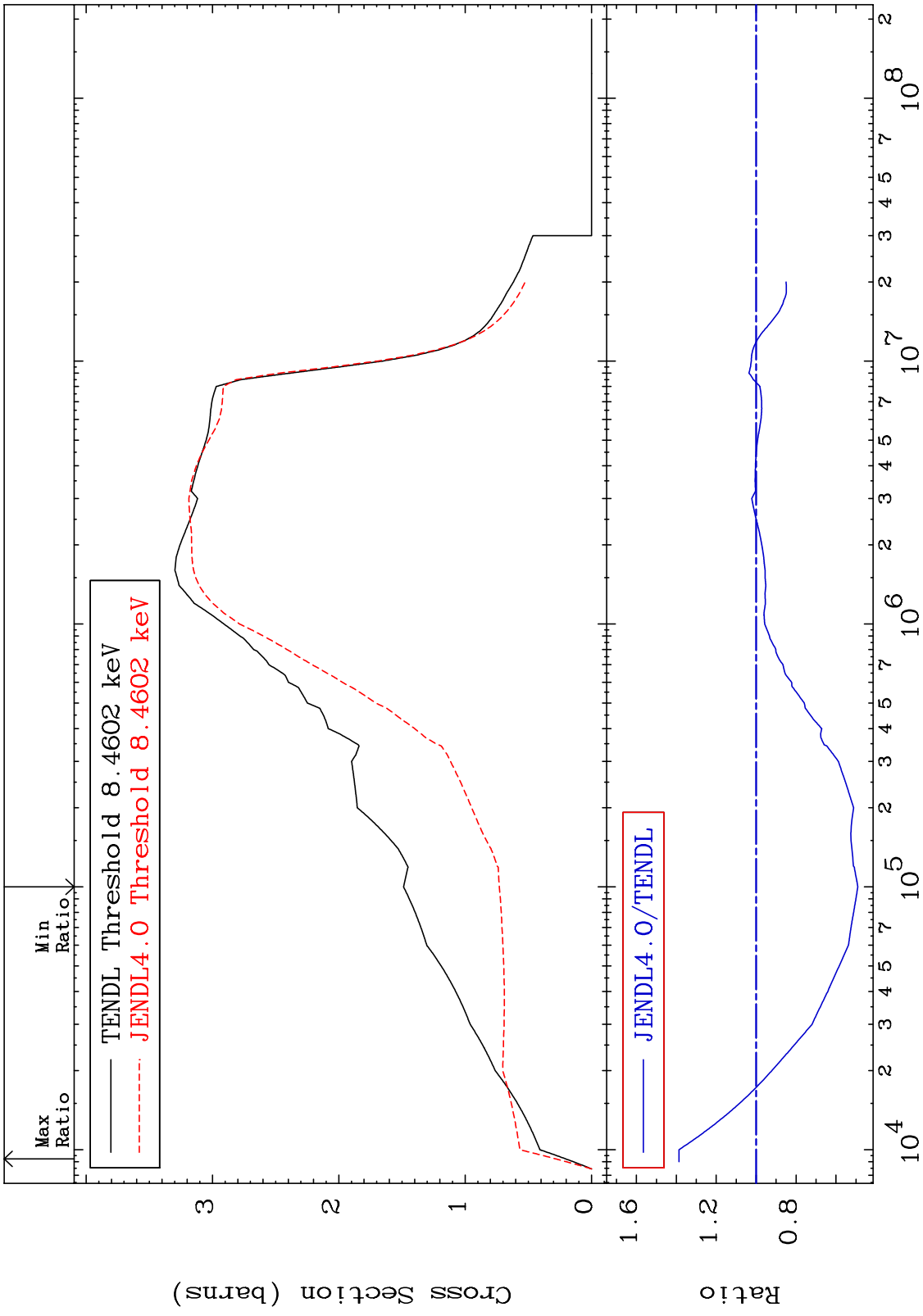
MAT 6925

Elastic
Cross Section

69-Tm-169
-96.16 To 3041. %

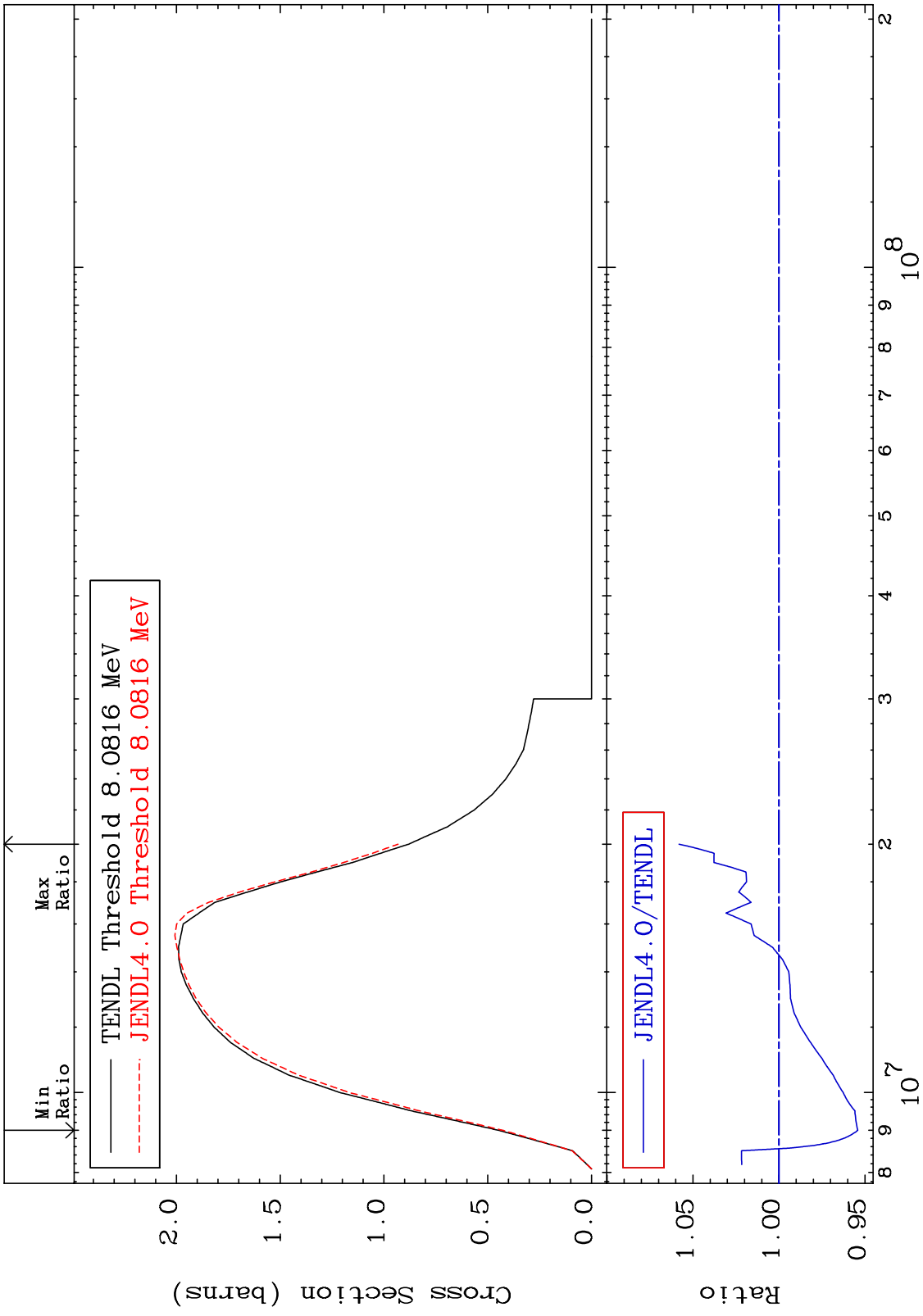


MAT 6925 Inelastic Cross Section 69-Tm-169 -50.95 To 38.64 %

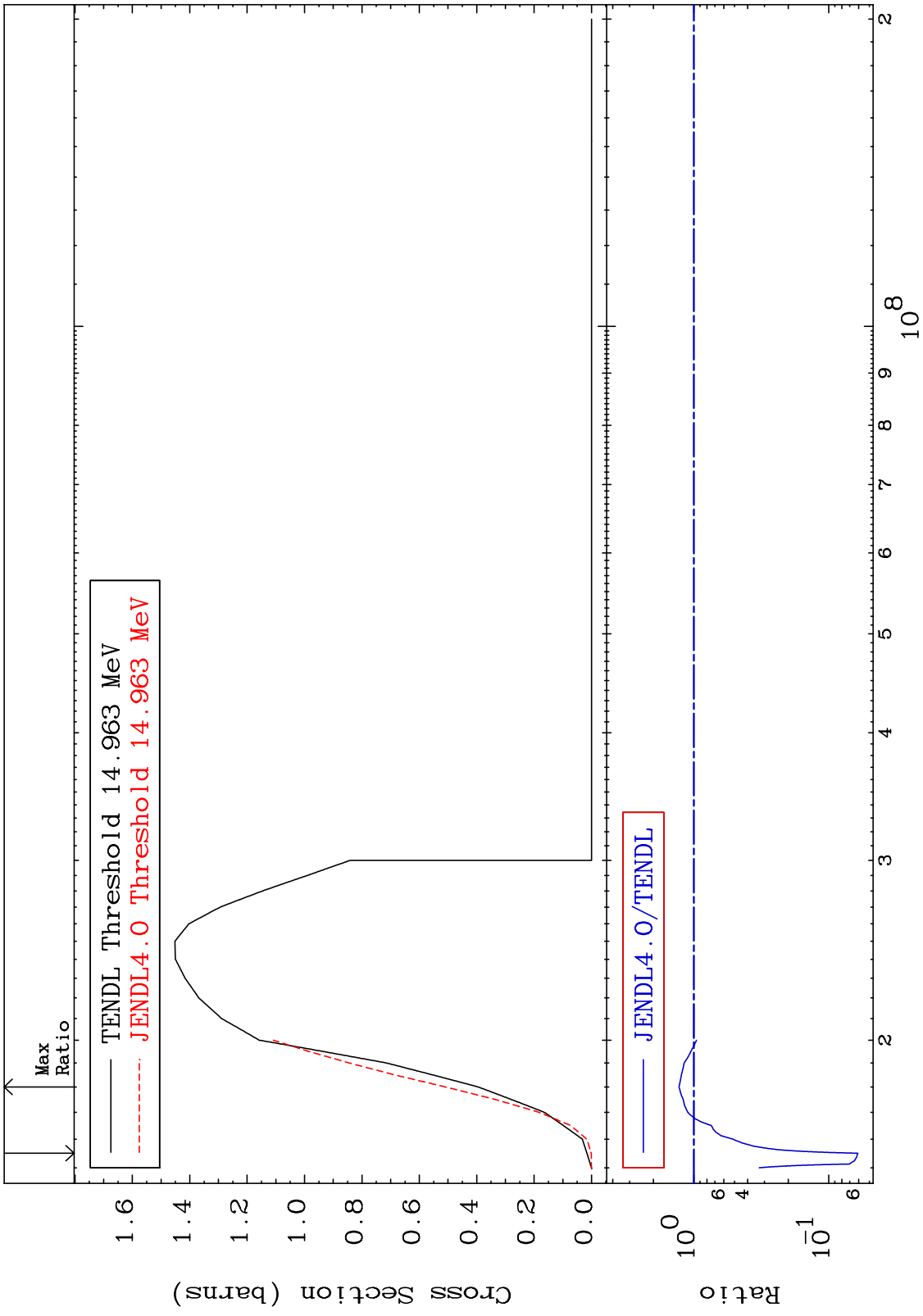


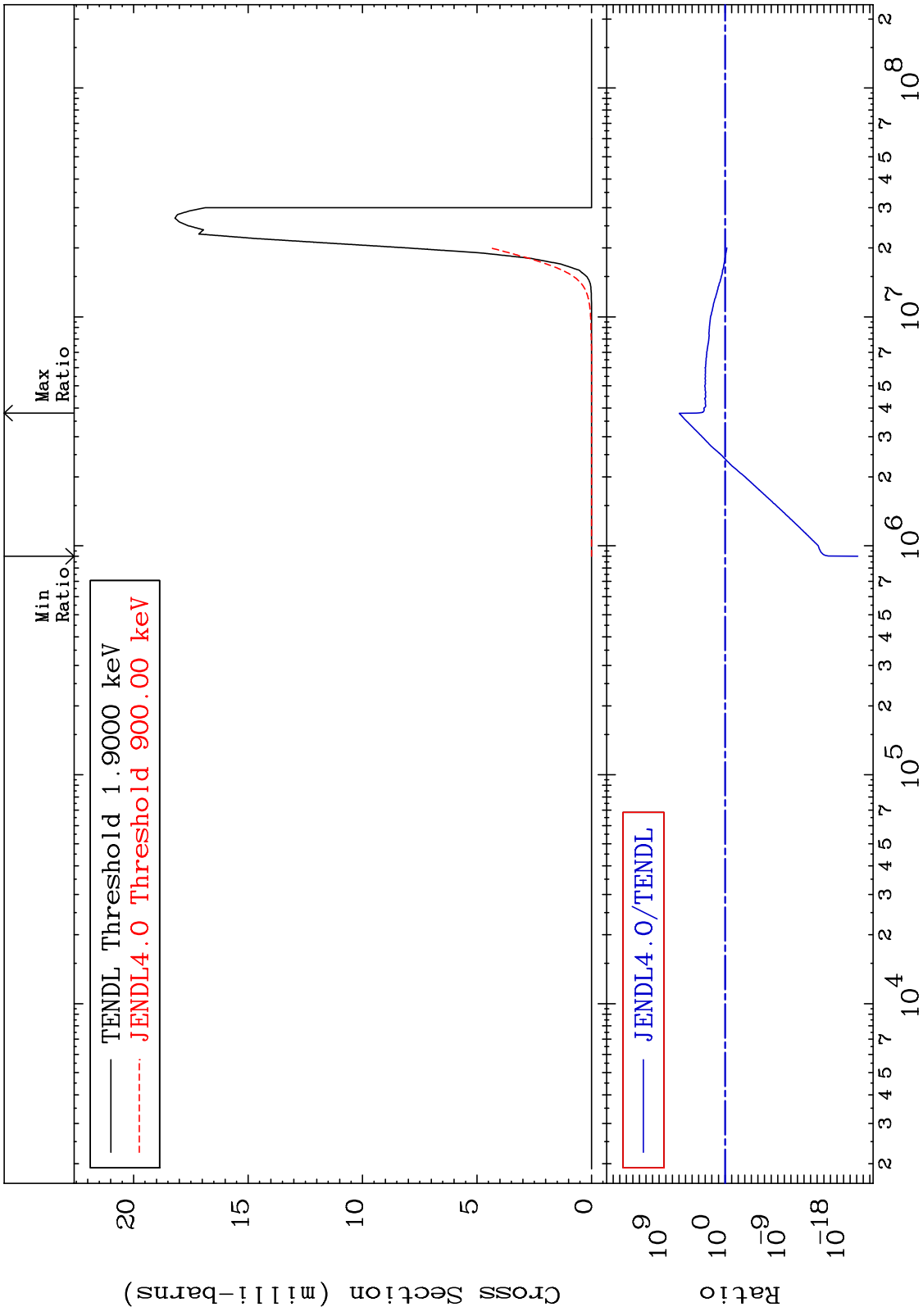
69-Tm-169 Incident Energy (eV)

MAT 6925 (n,2n) Cross Section 69-Tm-169 -4.587 To 5.810 %



MAT 6925 (n,3n) Cross Section 69-Tm-169 -93.91 To 28.86 %





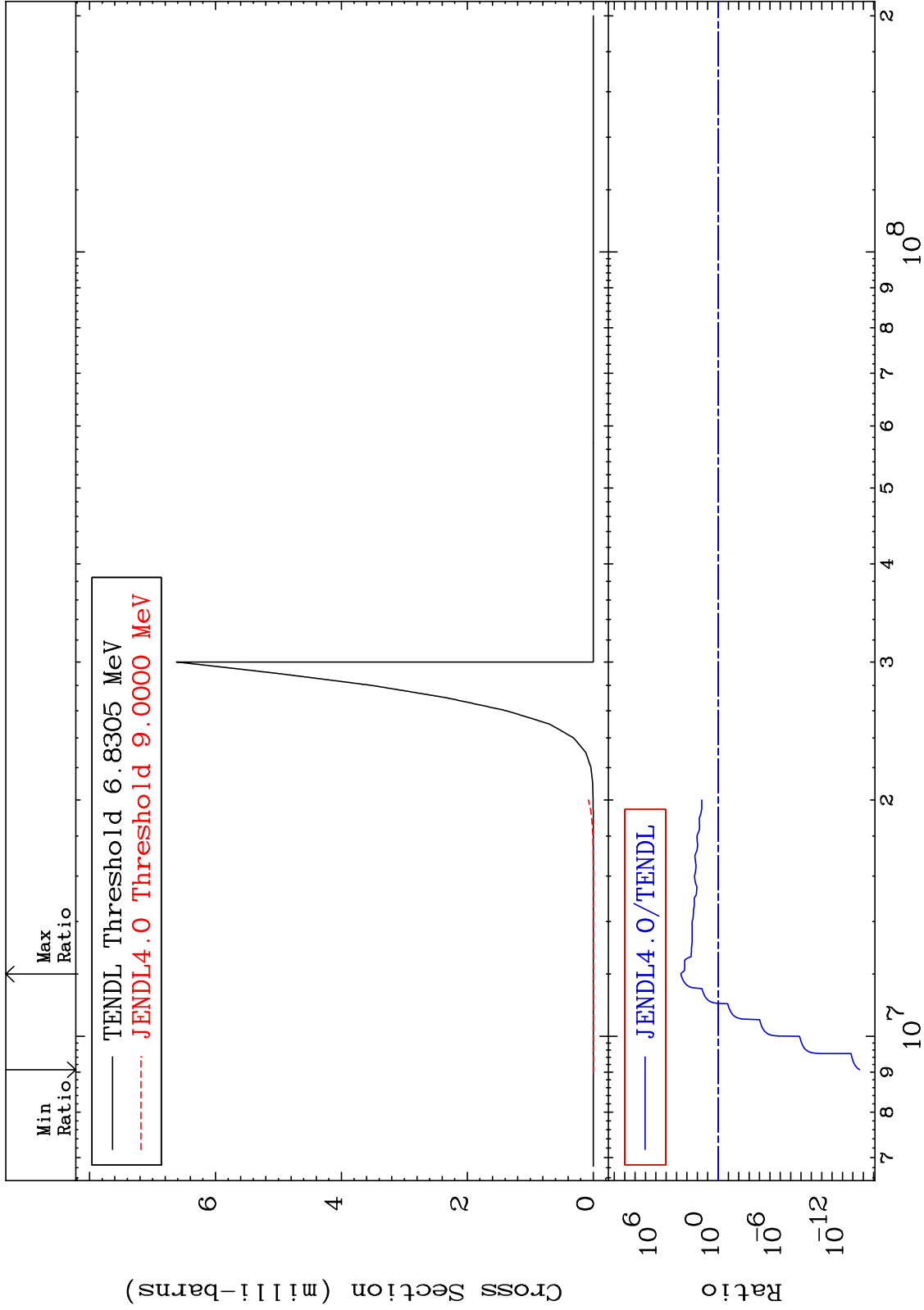
MAT 6925

(n,2n) α

69-Tm-169

-100.0 To 9999. %

Cross Section

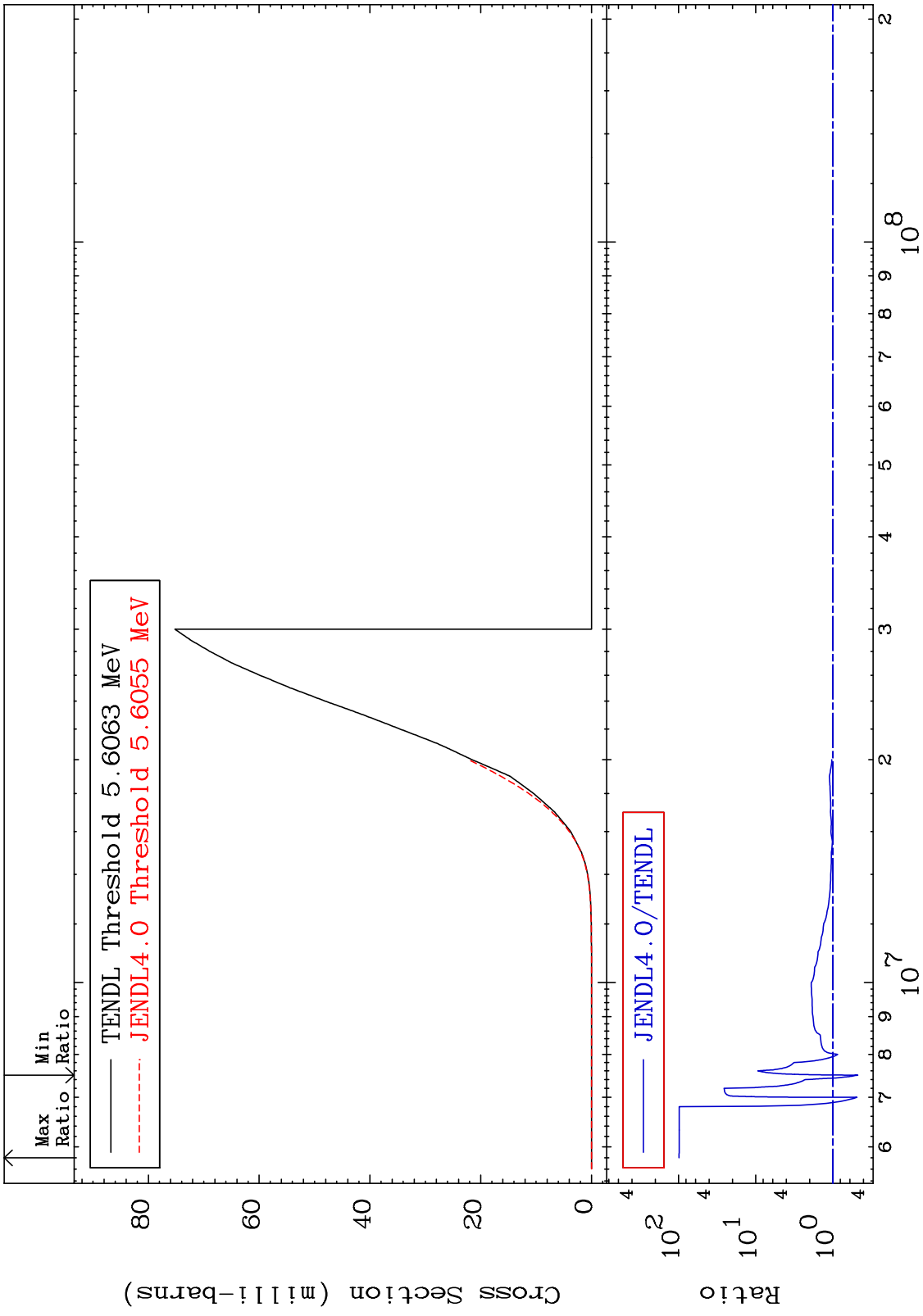


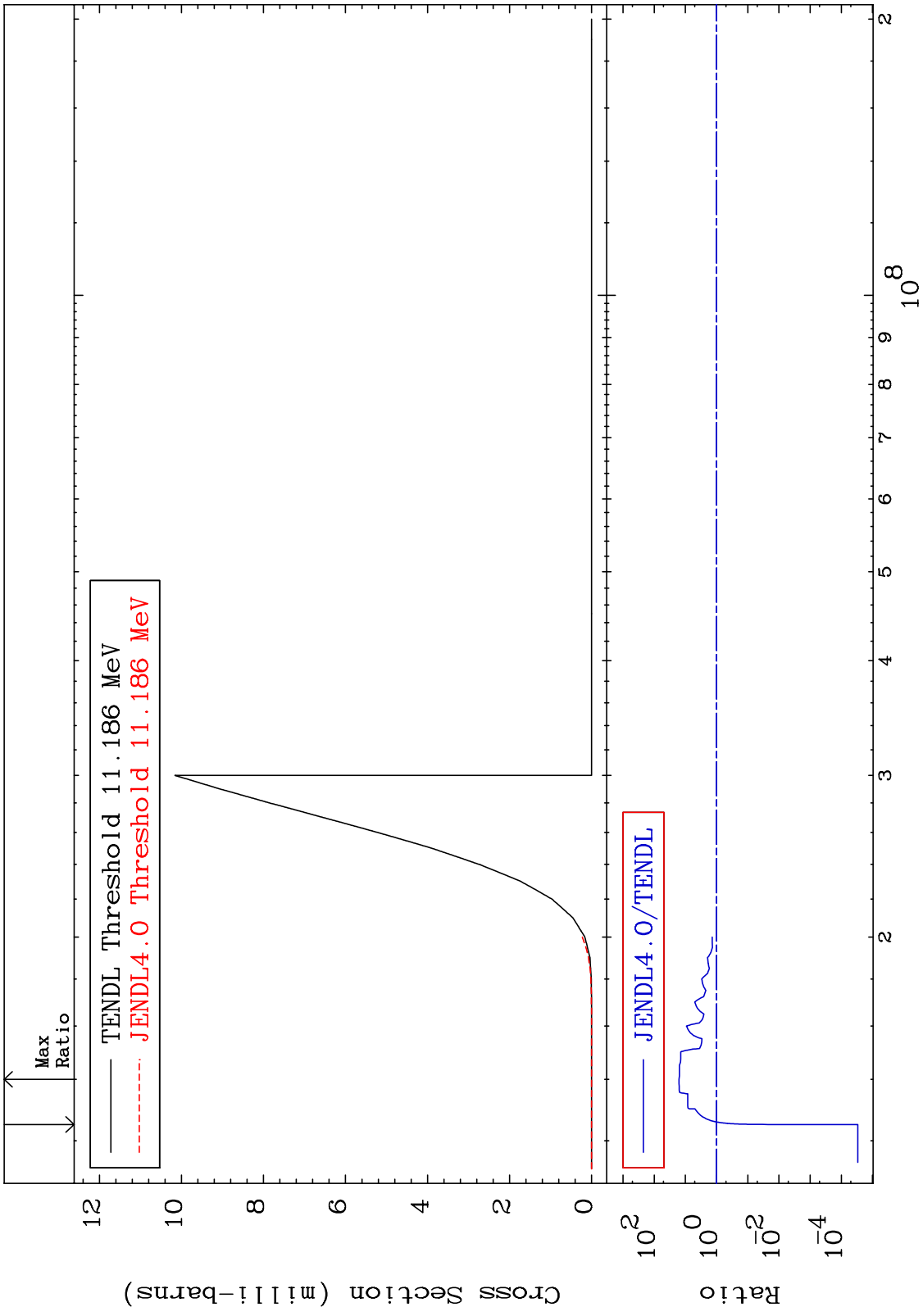
7

Incident Energy (eV)

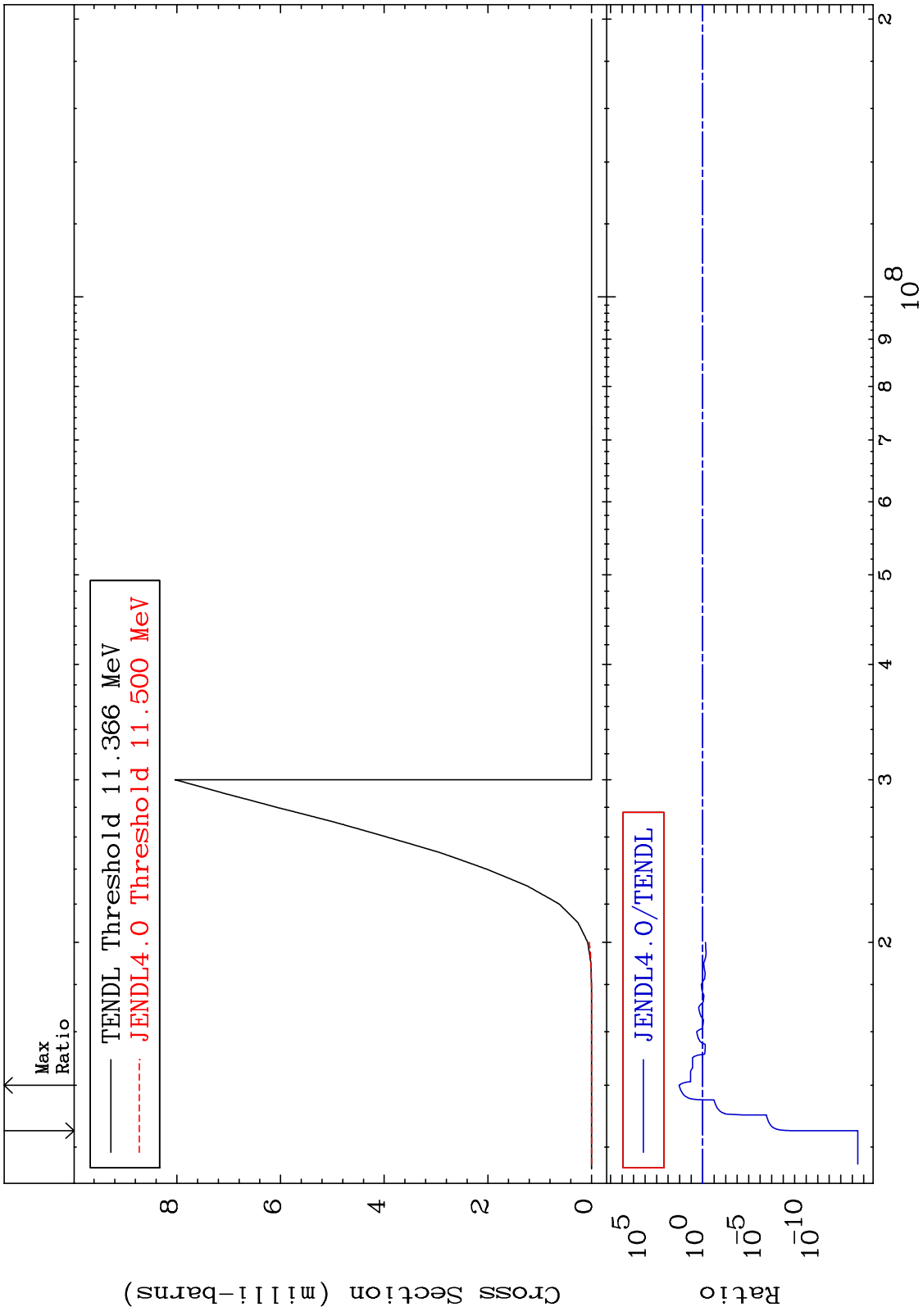
69-Tm-169

MAT 6925 (n, n') p 69-Tm-169
 Cross Section -52.57 To 9744. %

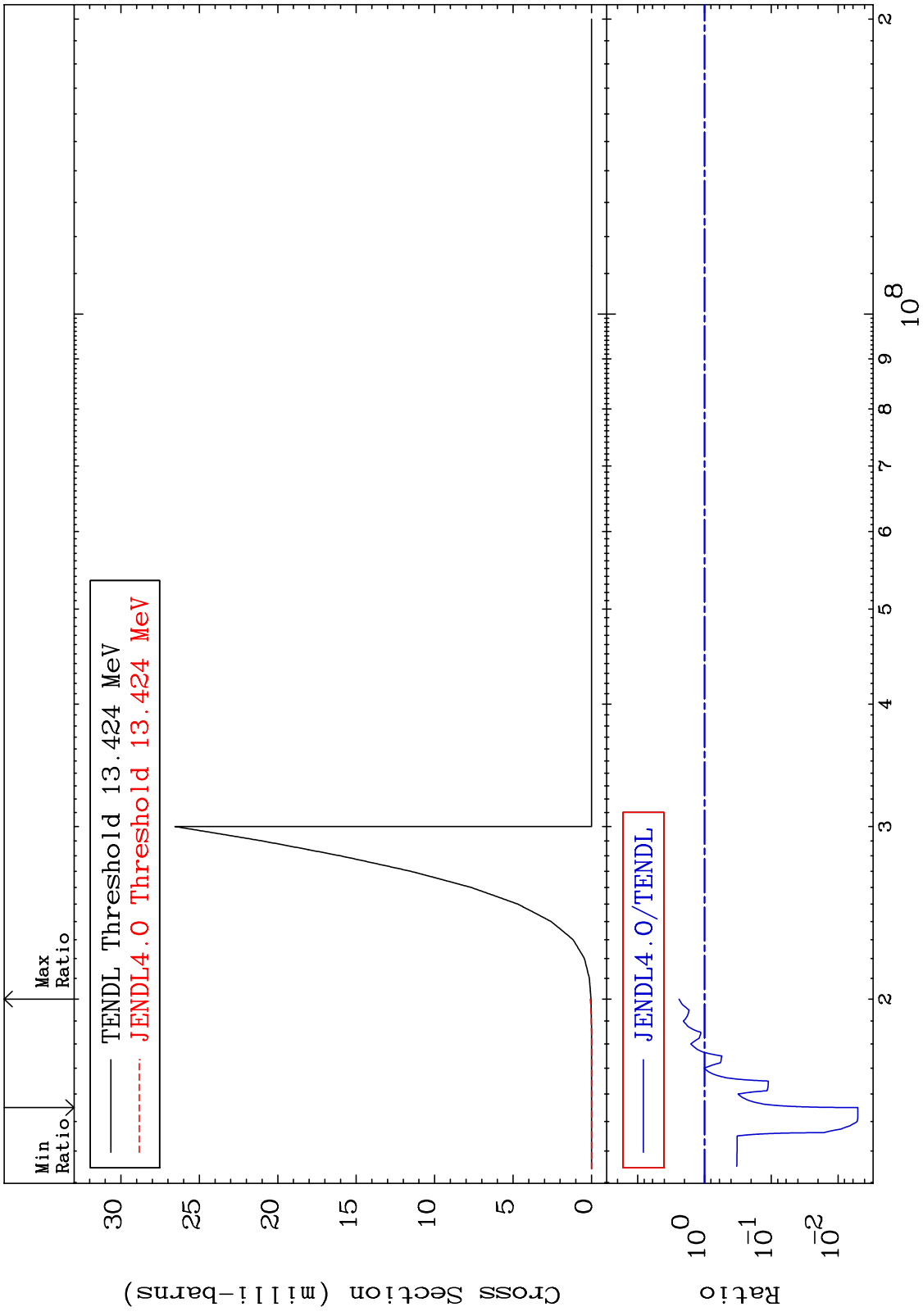




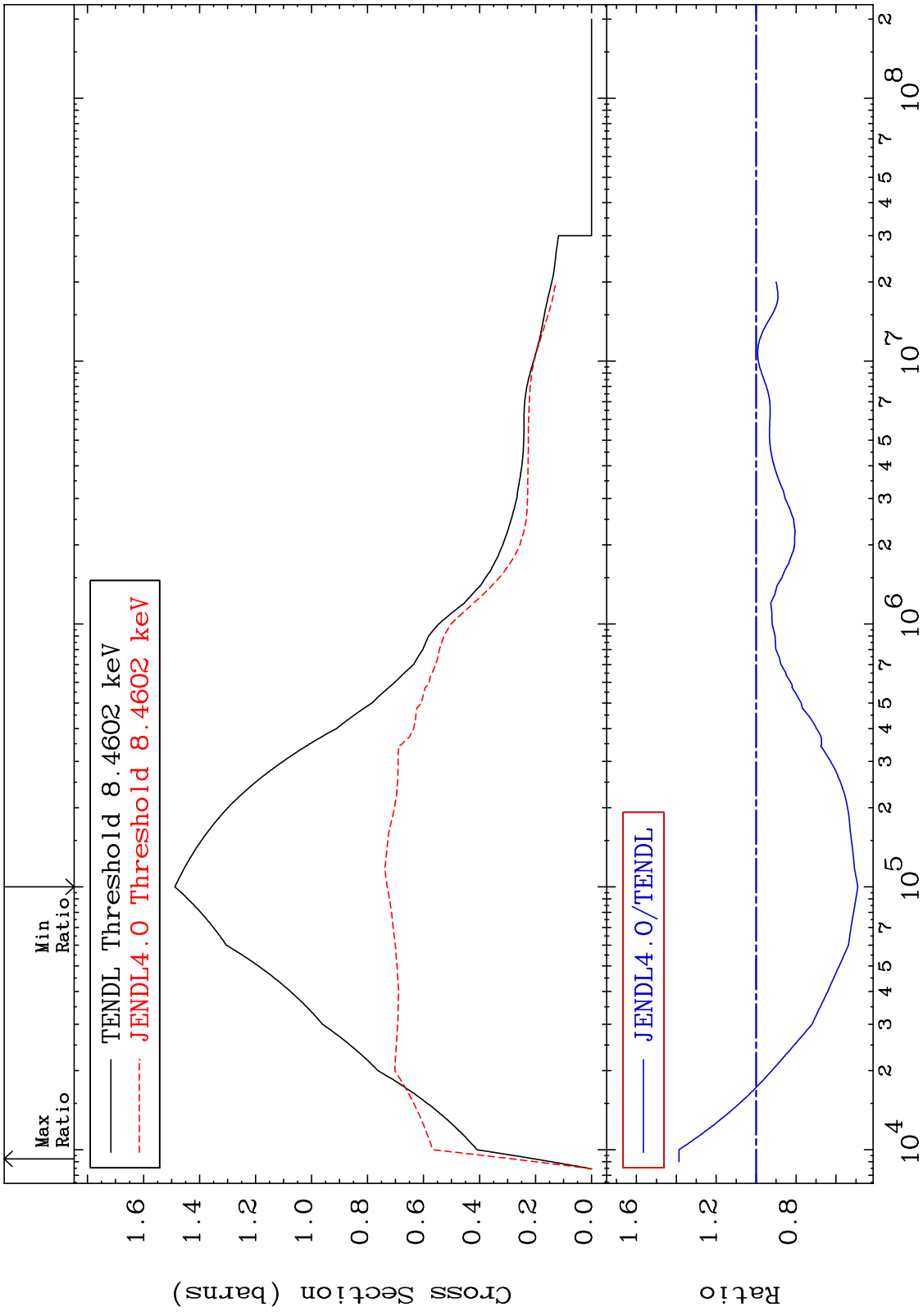
MAT 6925 (n,n') t 69-Tm-169
 Cross Section -100.0 To 9999. %



MAT 6925 (n,2n) p 69-Tm-169
 Cross Section -99.49 To 140.8 %

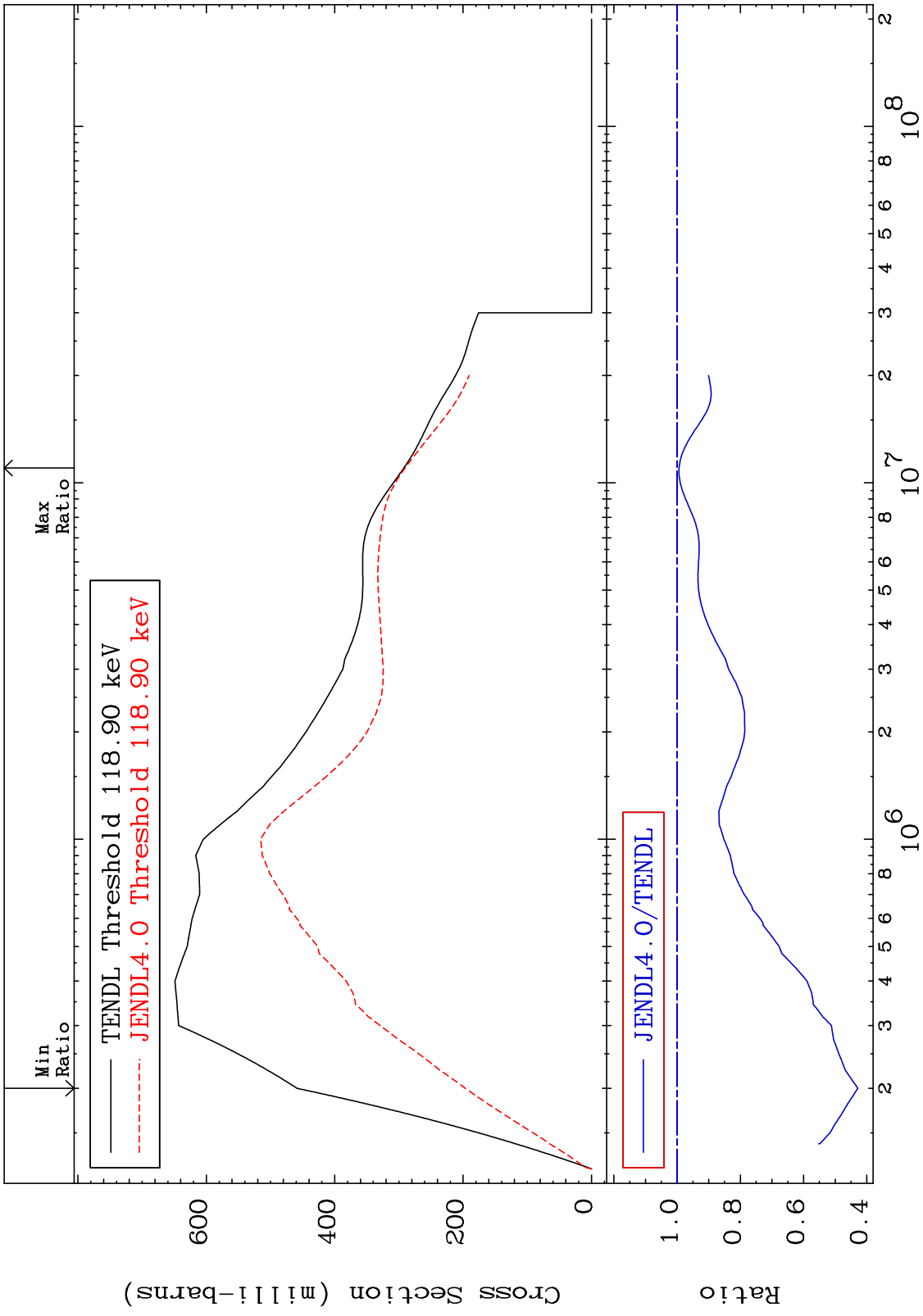


MAT 6925 MT= 51 (n,n') Level Cross Section 69-Tm-169 -50.95 To 38.64 %

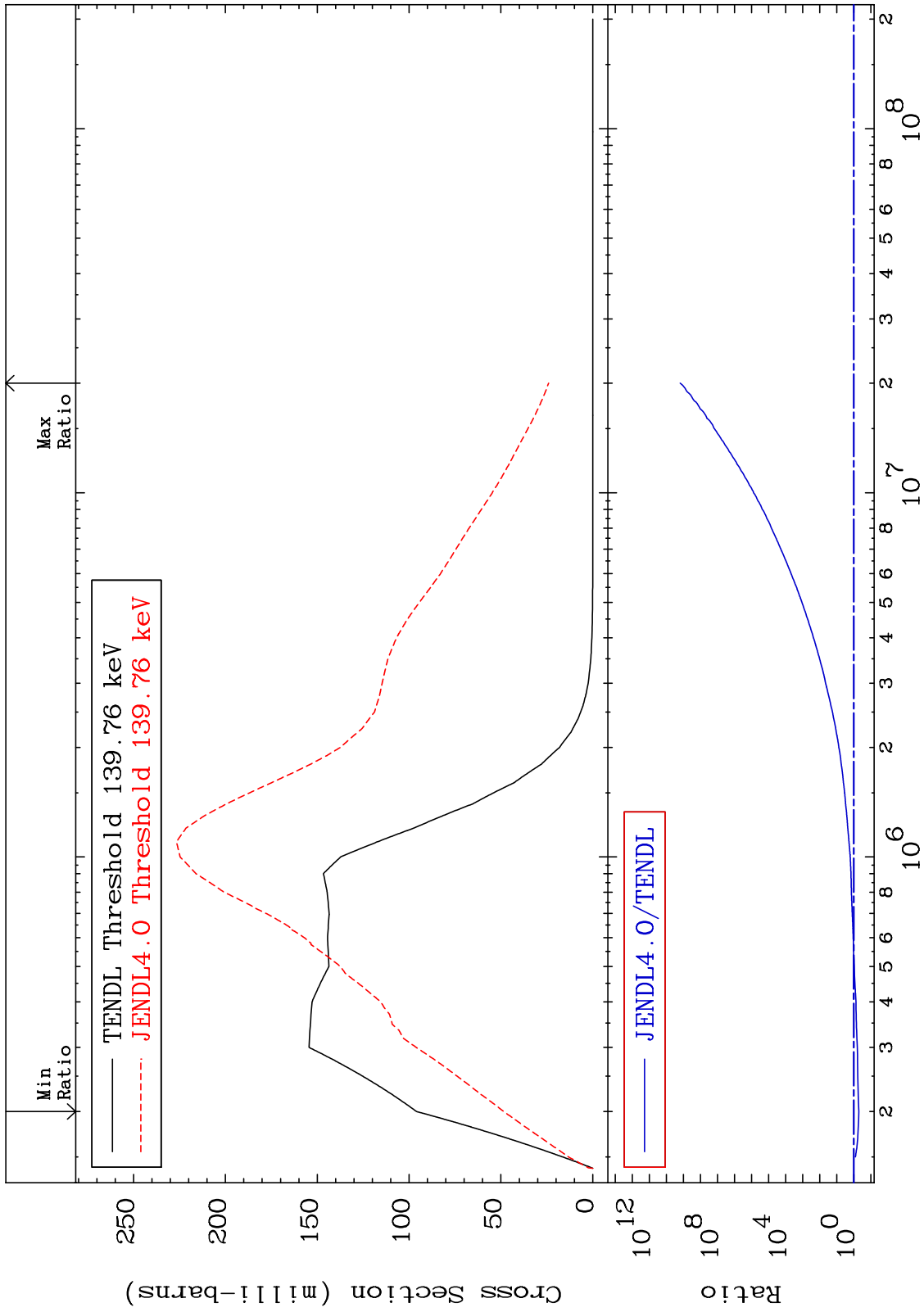


12 69-Tm-169

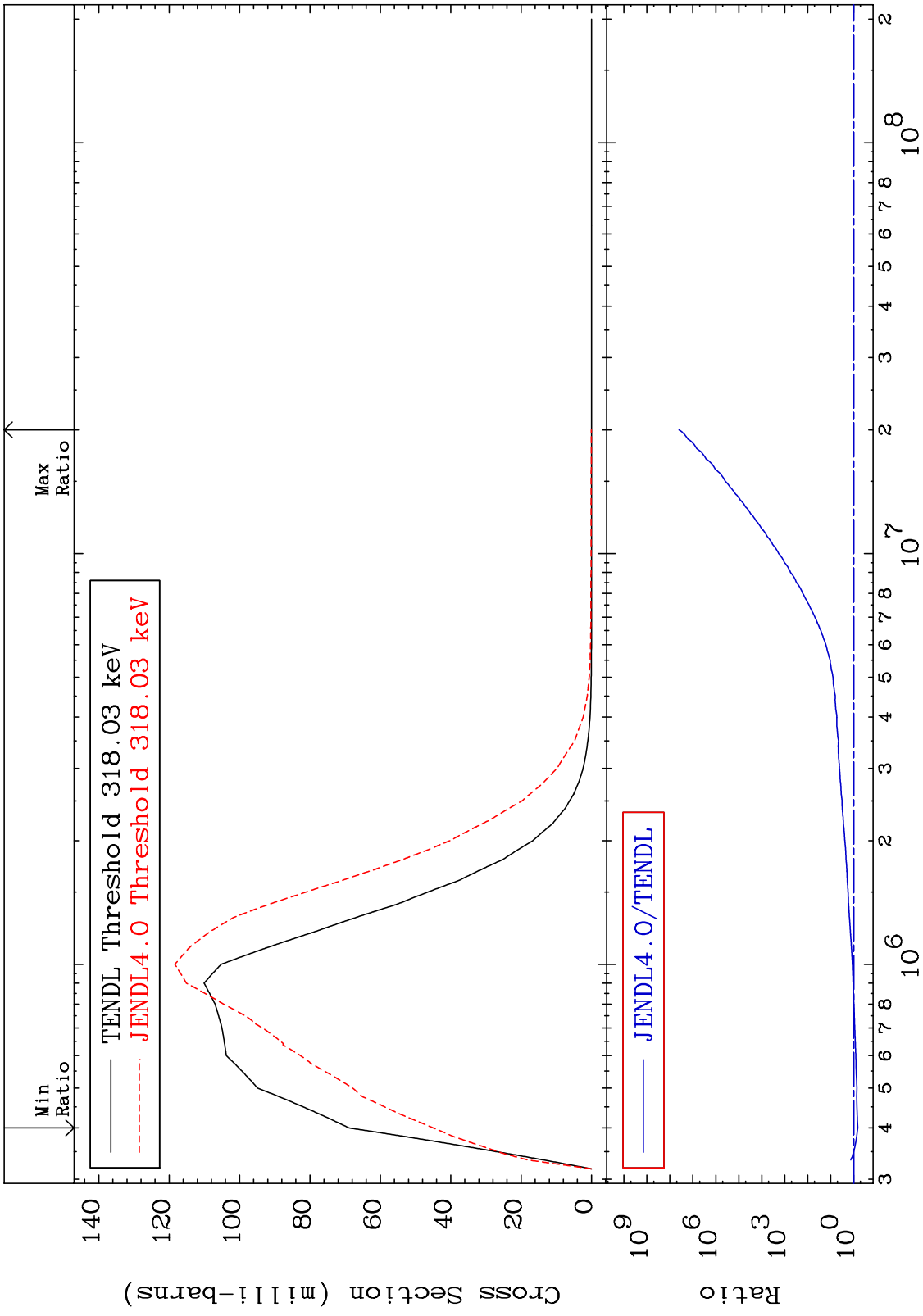
MAT 6925 MT= 52 (n,n') Level Cross Section 69-Tm-169 -57.15 To -0.610%



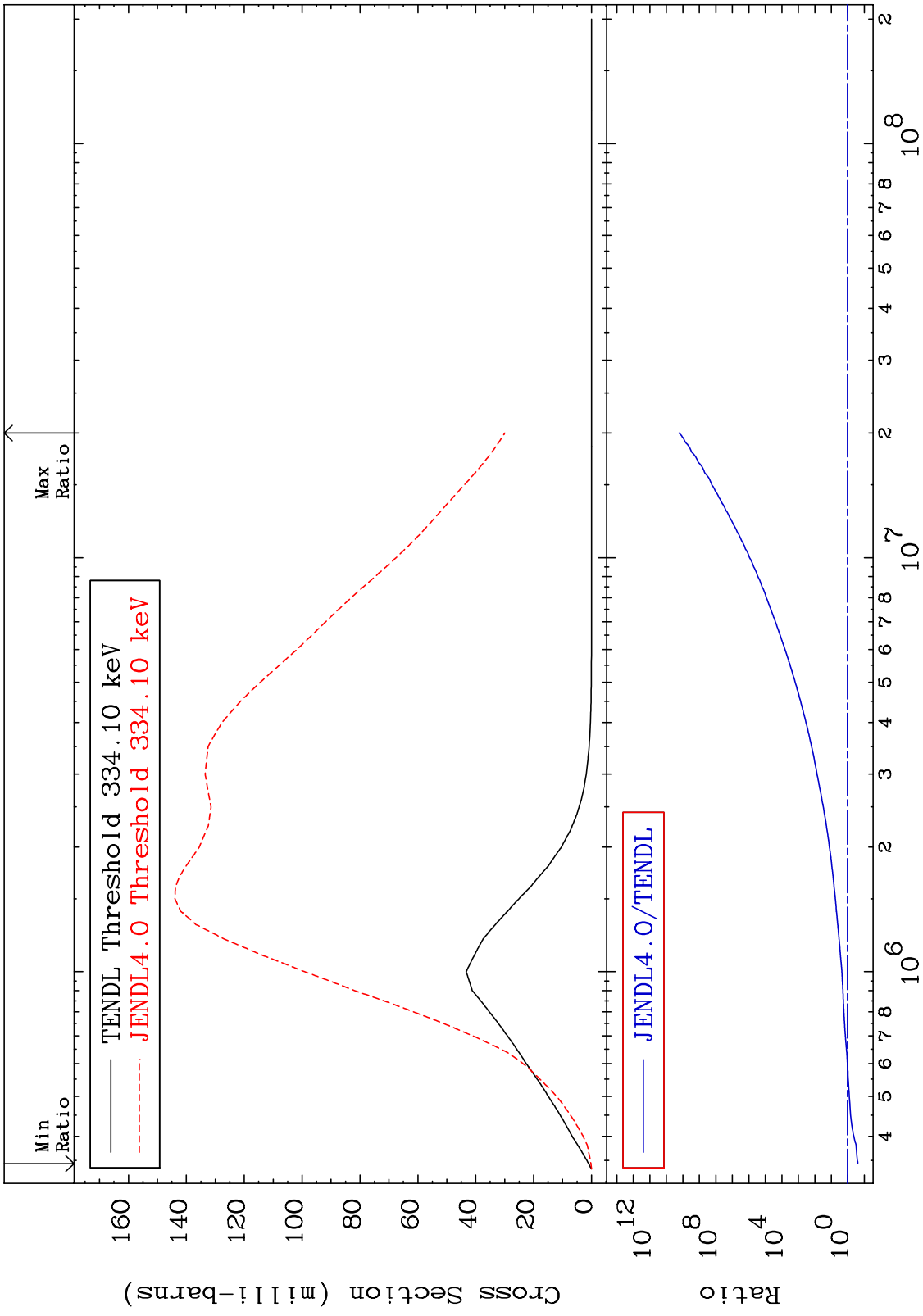
MAT 6925 MT= 53 (n,n') Level Cross Section 69-Tm-169
 -49.45 To 9999. %



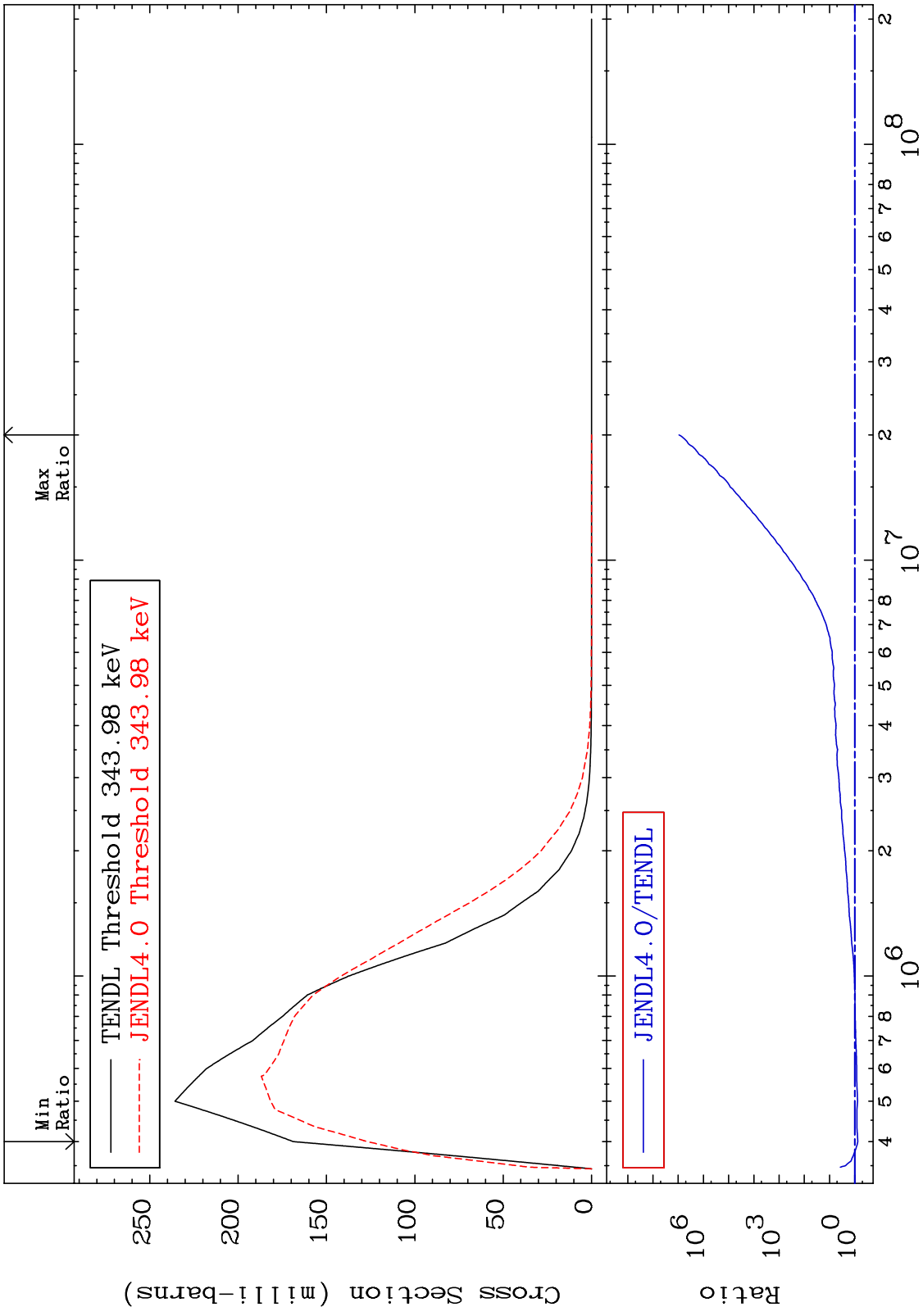
MAT 6925 MT= 54 (n,n') Level Cross Section 69-Tm-169
 -34.69 To 9999. %



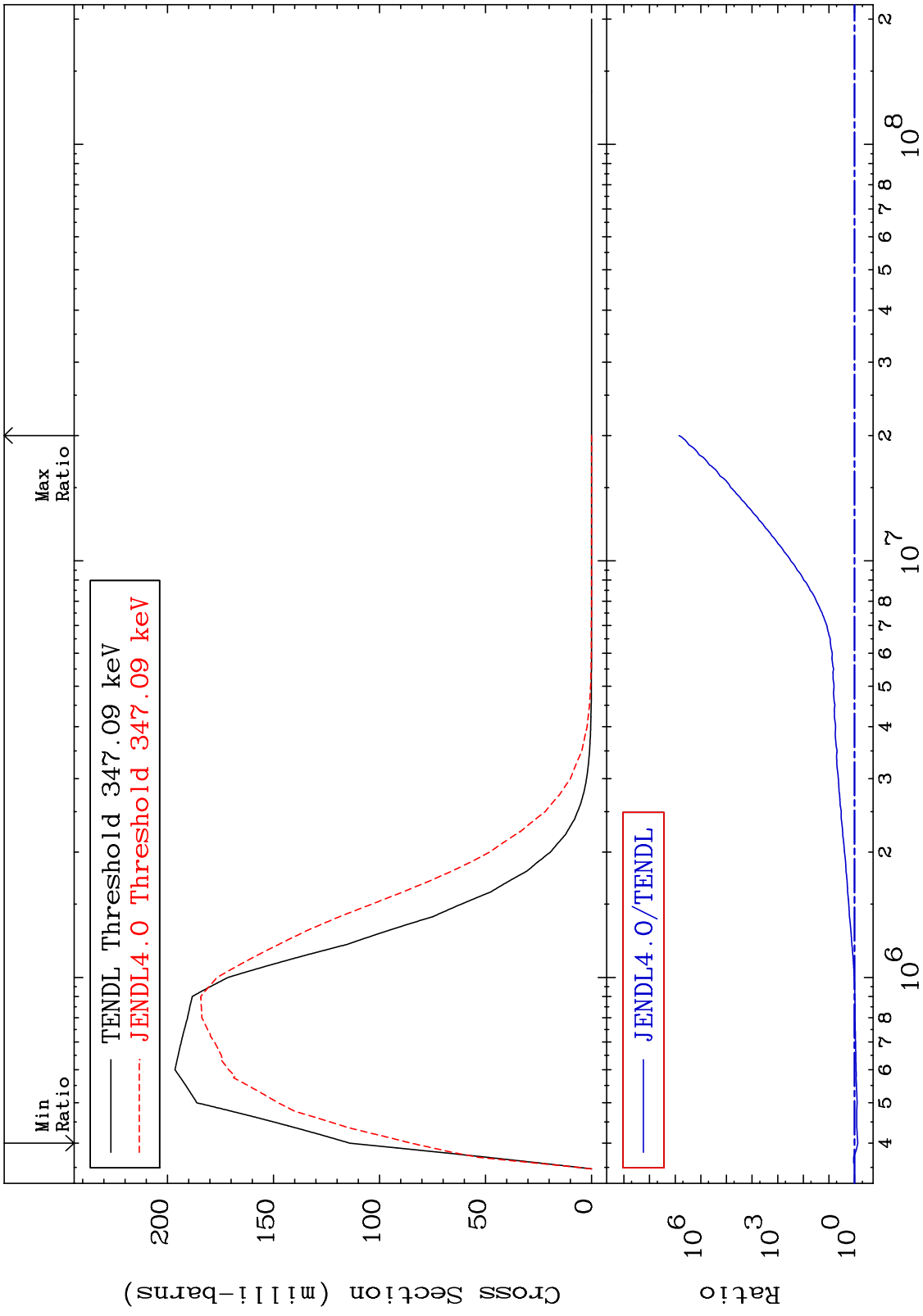
MAT 6925 MT= 55 (n,n') Level Cross Section 69-Tm-169
 -75.23 To 9999. %



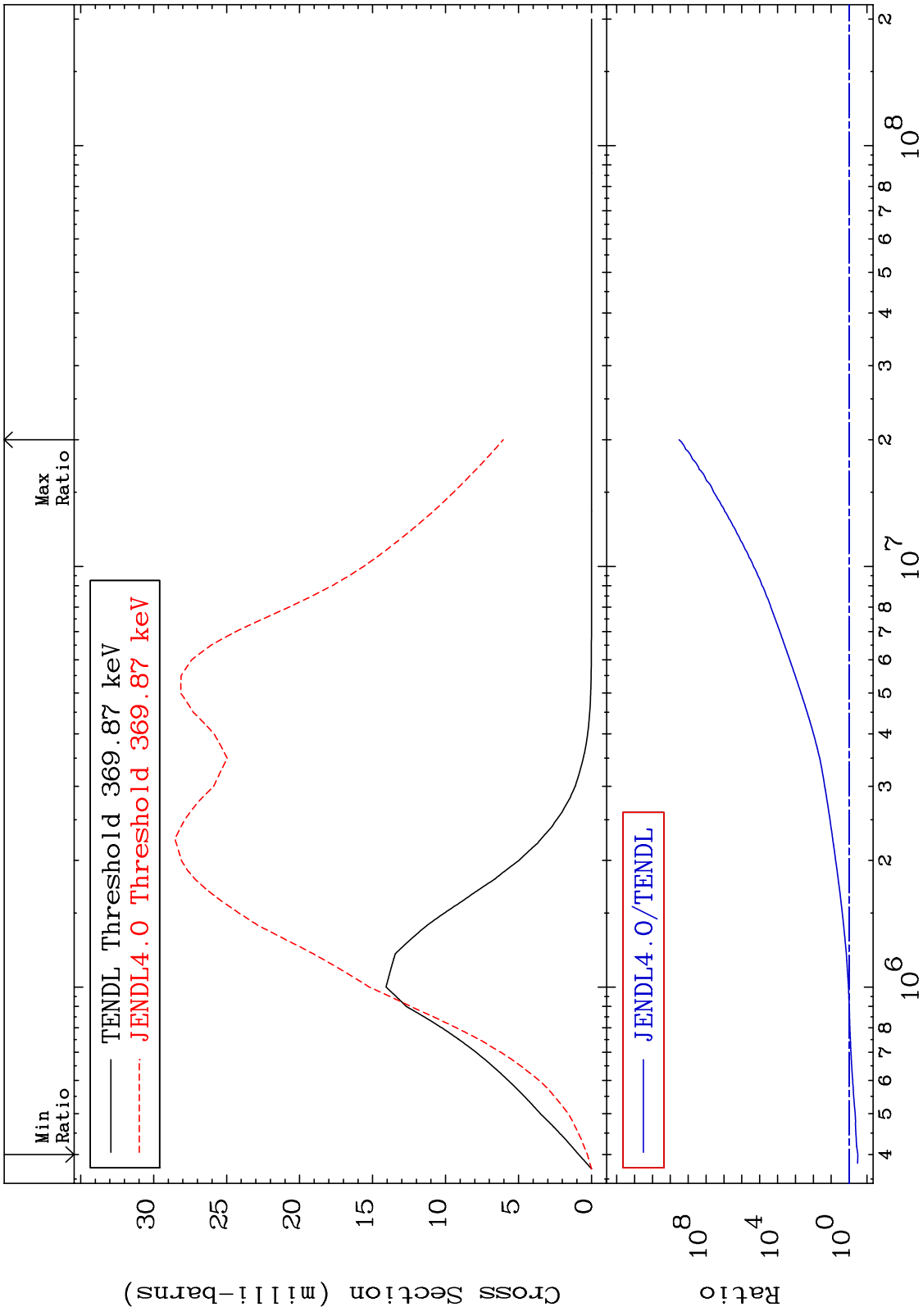
MAT 6925 MT= 56 (n,n') Level Cross Section 69-Tm-169 -24.80 To 9999. %



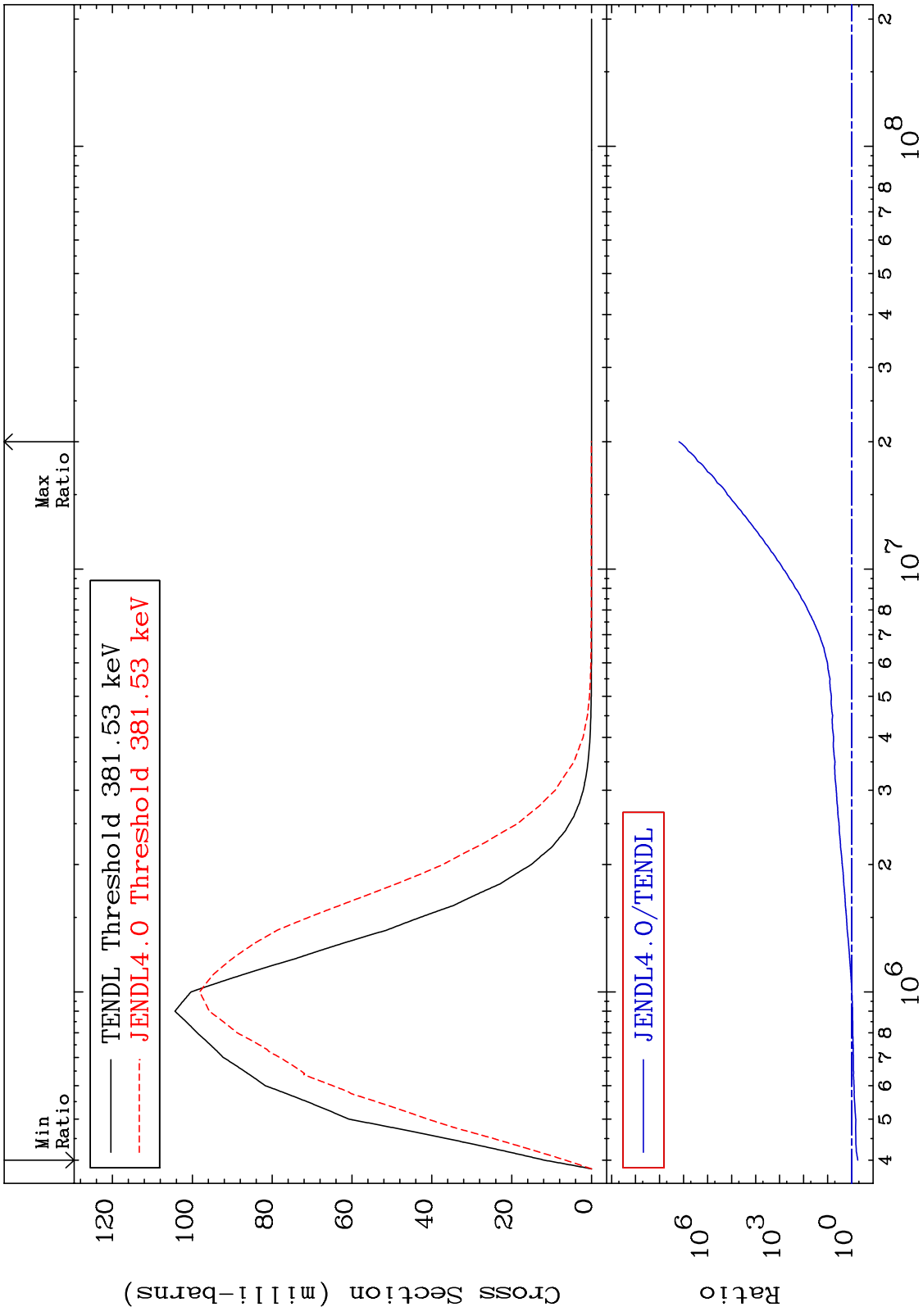
MAT 6925 MT= 57 (n,n') Level Cross Section 69-Tm-169
 -25.35 To 9999. %



MAT 6925 MT= 58 (n,n') Level Cross Section 69-Tm-169
 -67.66 To 9999. %

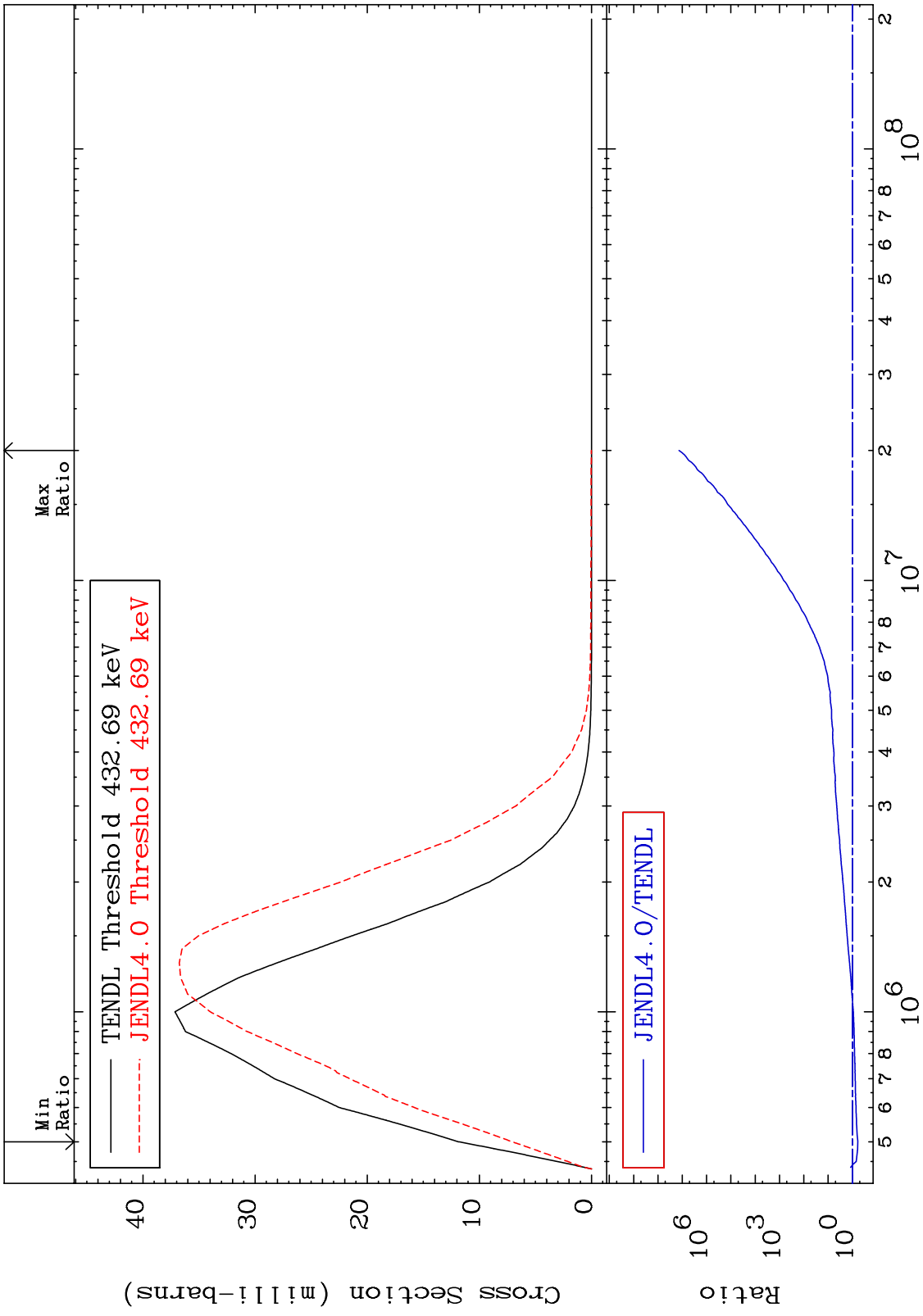


MAT 6925 MT= 59 (n,n') Level Cross Section 69-Tm-169 -44.69 To 9999. %

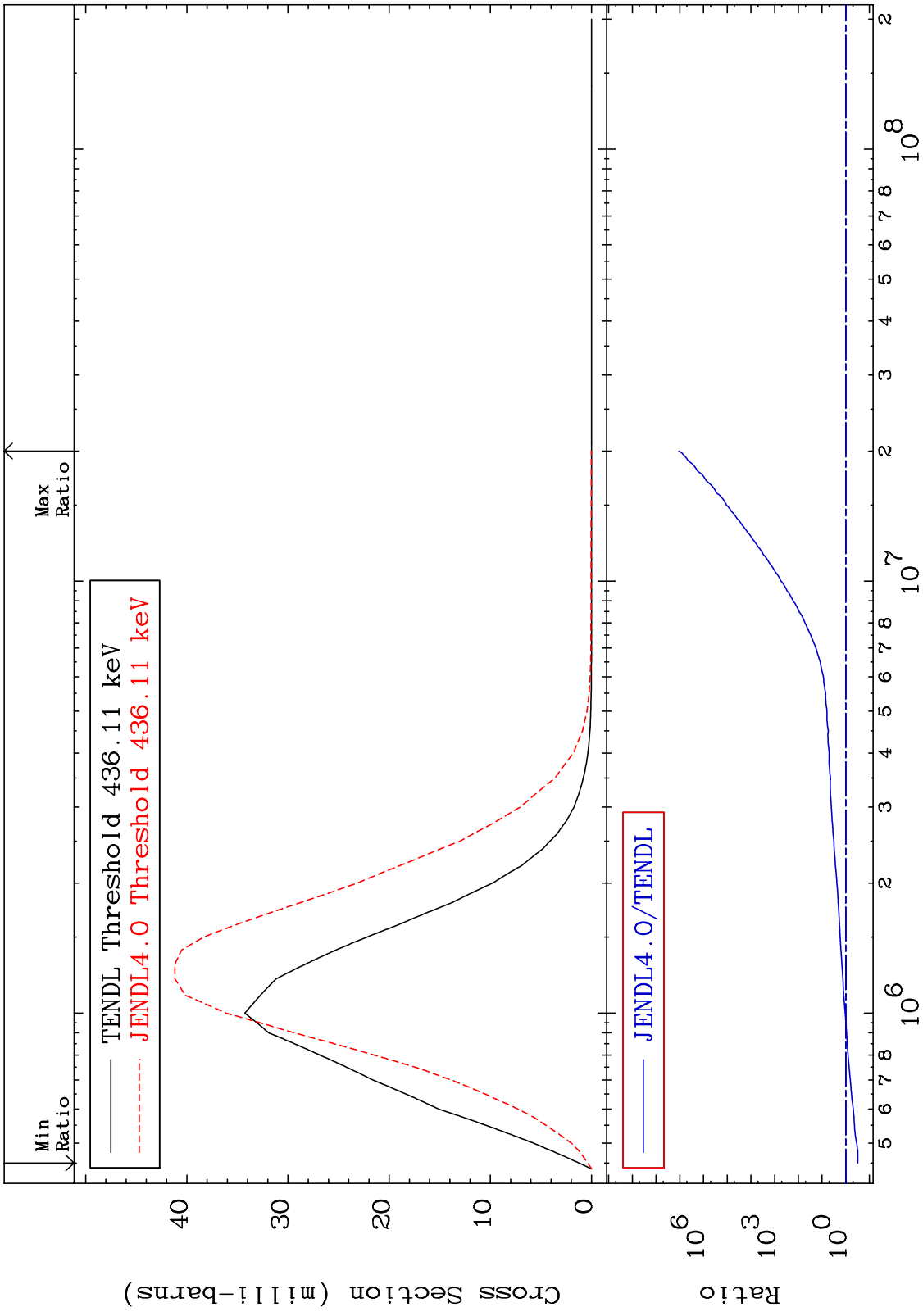


20 69-Tm-169

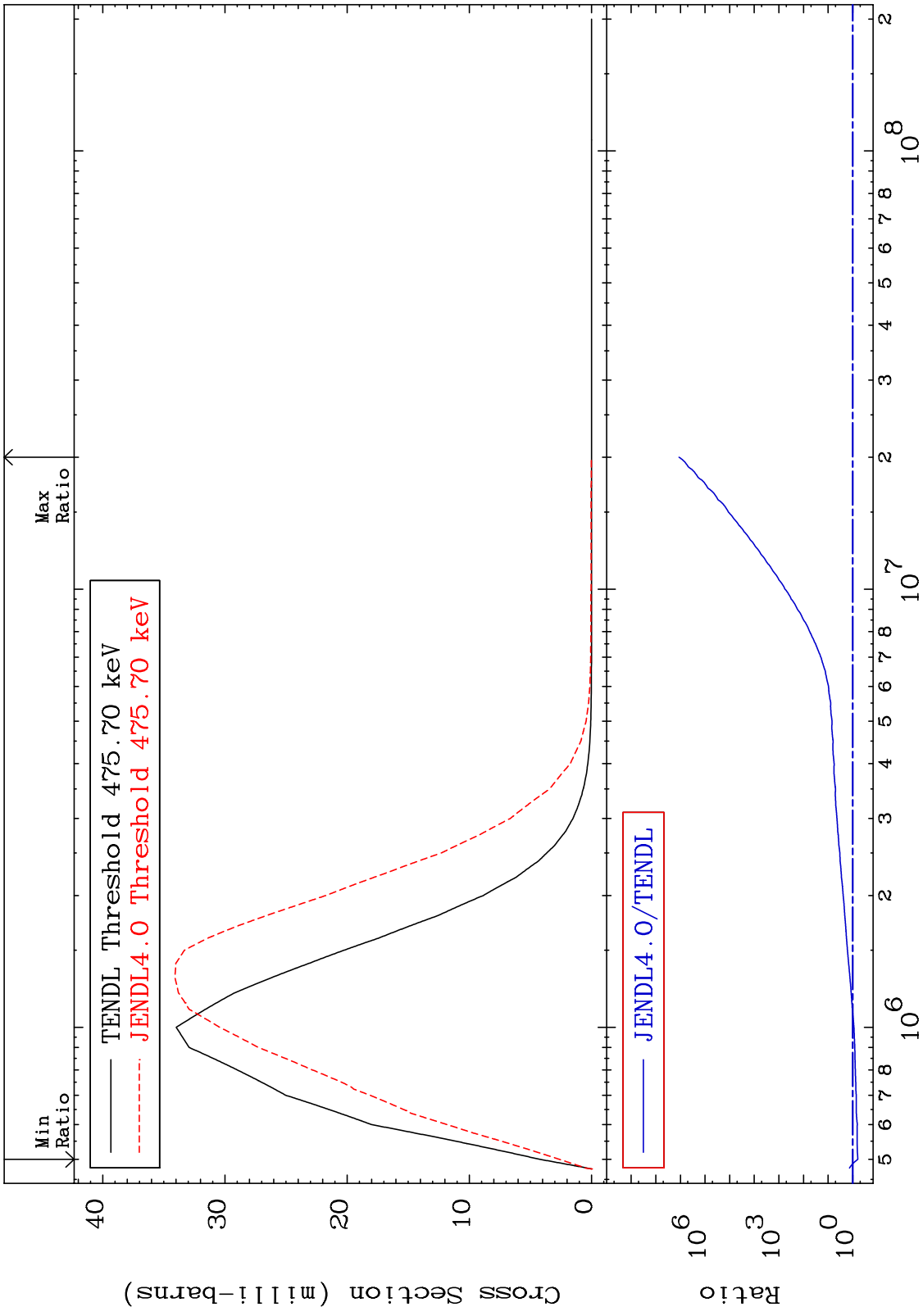
MAT 6925 MT= 60 (n,n') Level 69-Tm-169
 Cross Section -40.33 To 9999. %



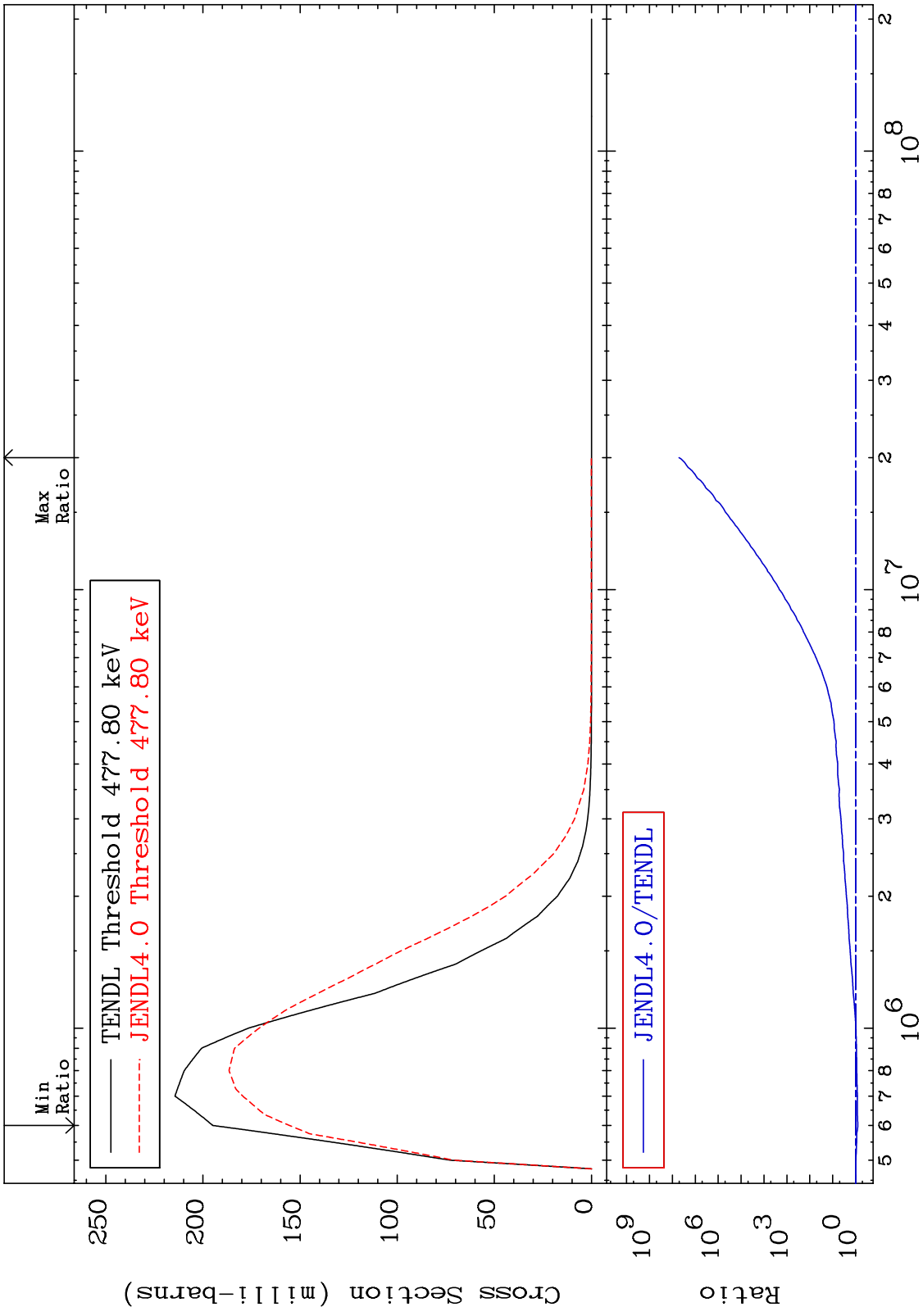
MAT 6925 MT= 61 (n,n') Level 69-Tm-169
 Cross Section -69.06 To 9999. %



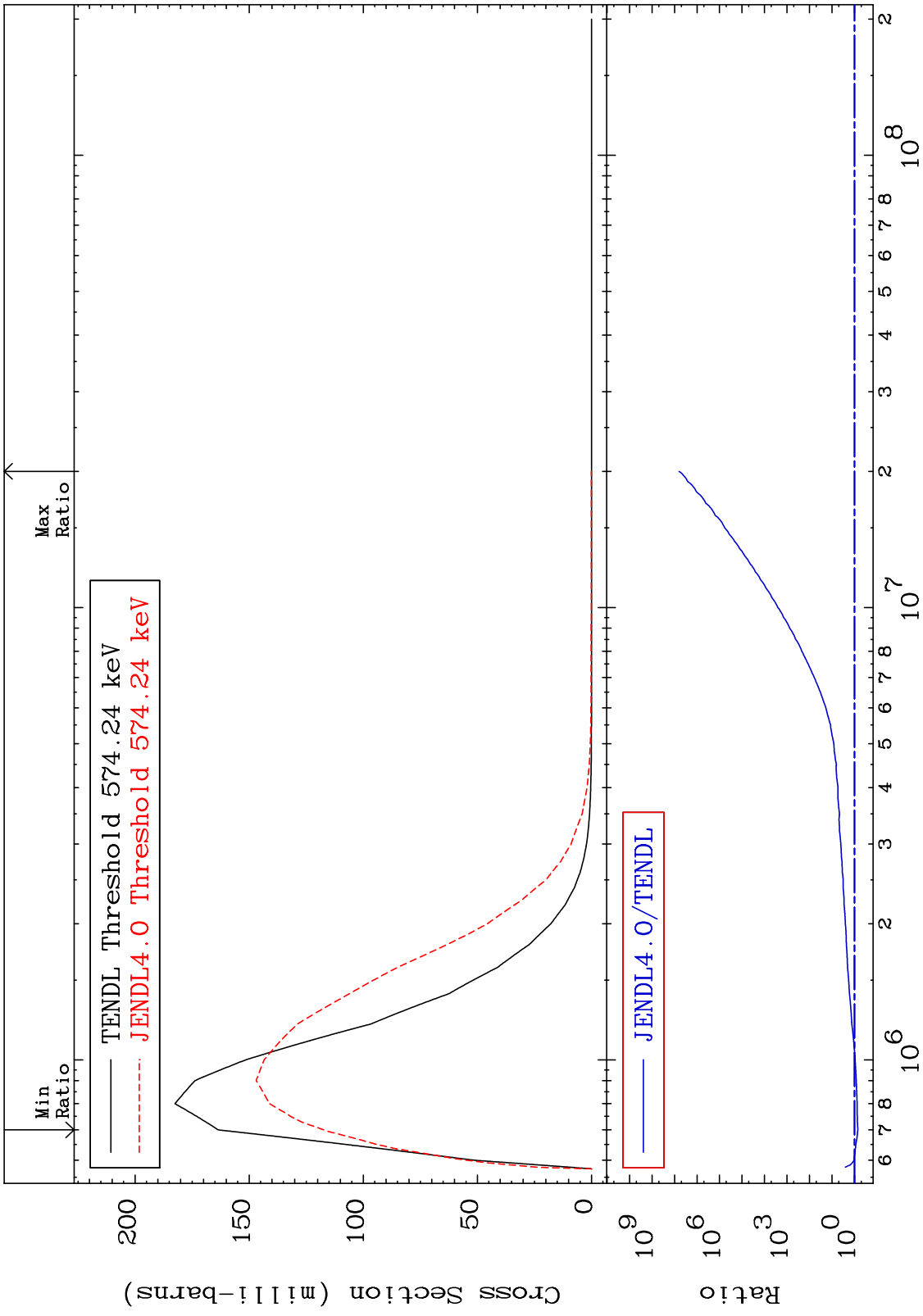
MAT 6925 MT= 62 (n,n') Level Cross Section 69-Tm-169
 -37.84 To 9999. %

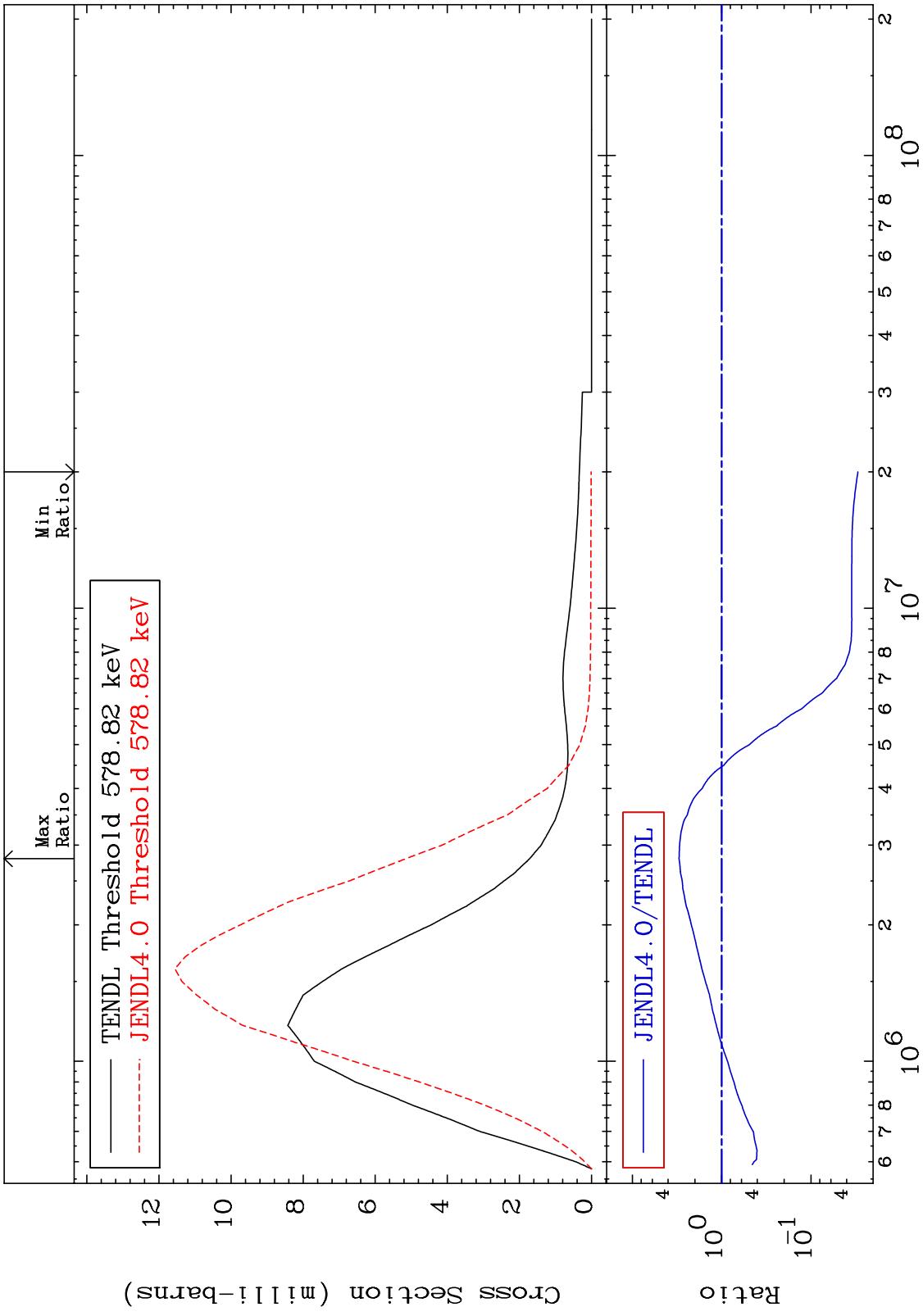


MAT 6925 MT= 63 (n,n') Level Cross Section 69-Tm-169
 -20.22 To 9999. %

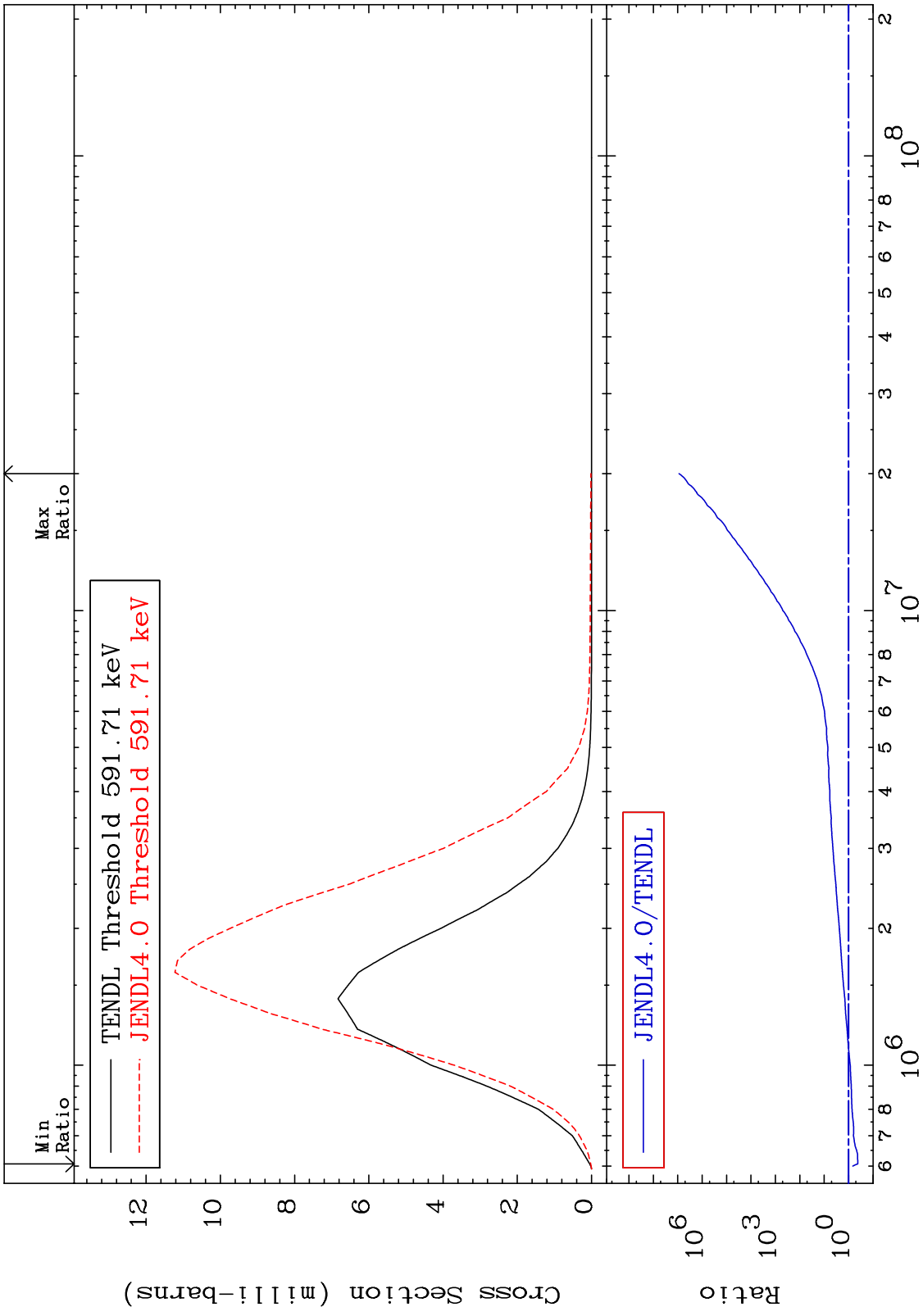


MAT 6925 MT= 64 (n,n') Level Cross Section 69-Tm-169
 -28.25 To 9999. %

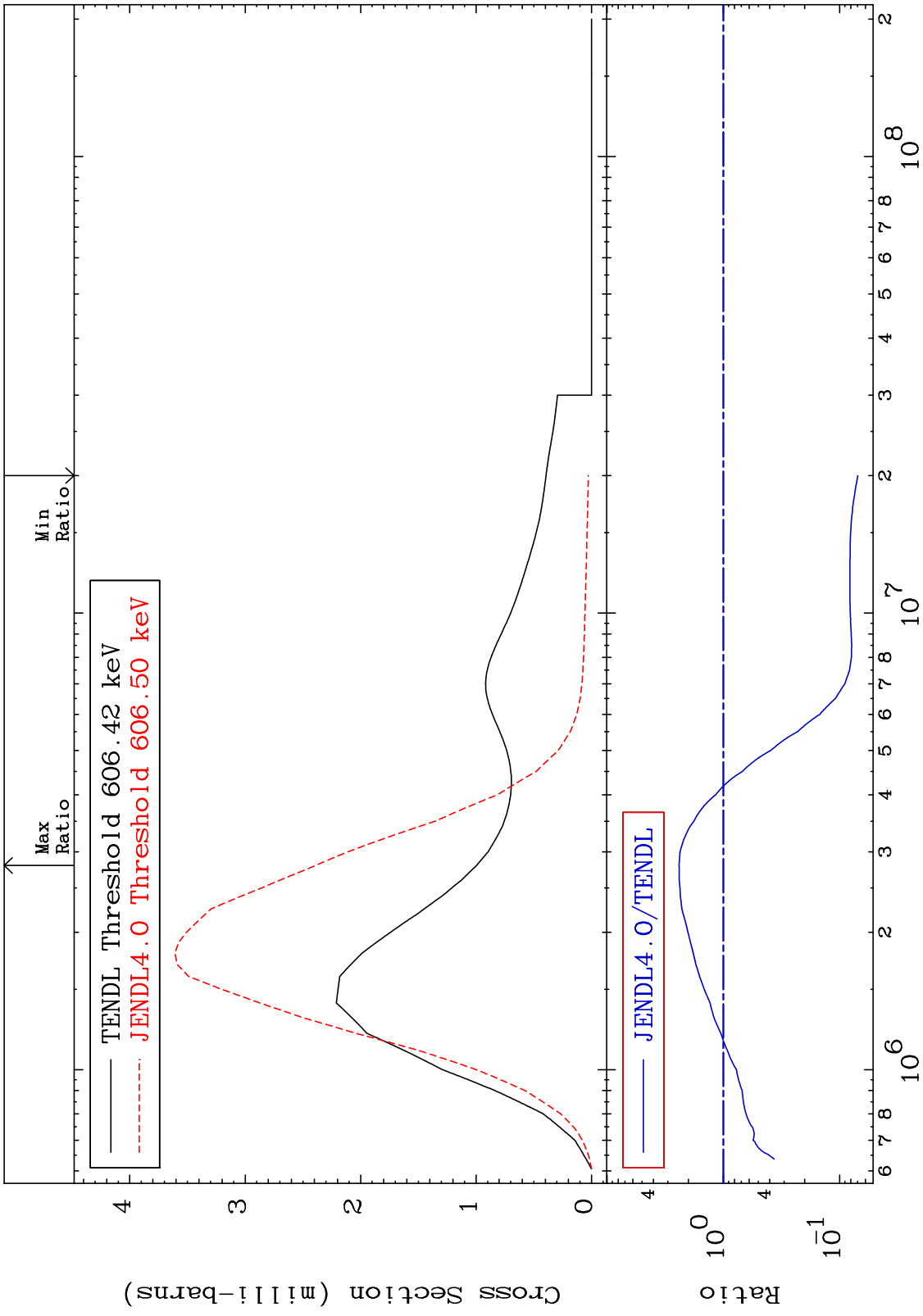




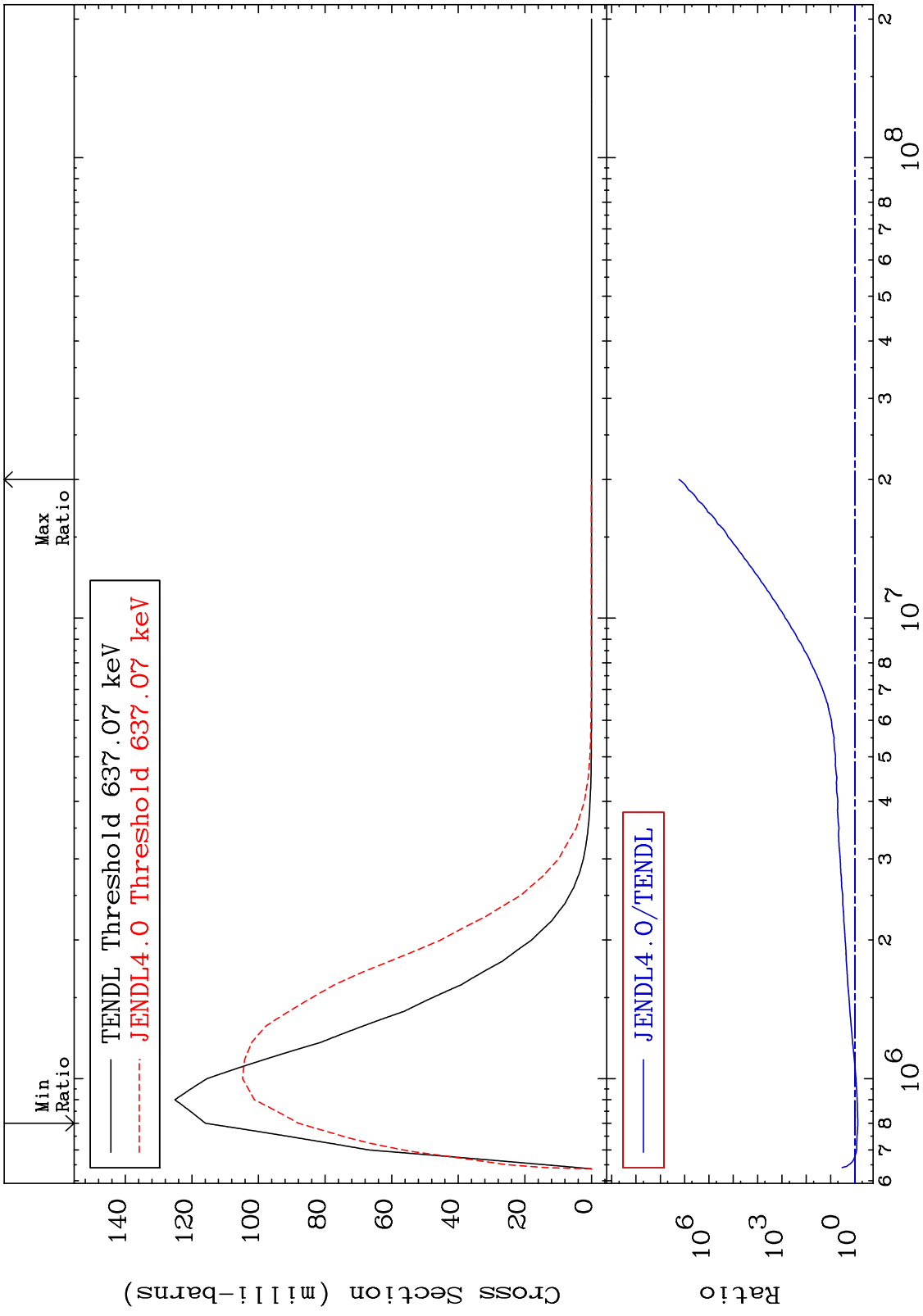
MAT 6925 MT= 66 (n,n') Level 69-Tm-169
 Cross Section -58.26 To 9999. %



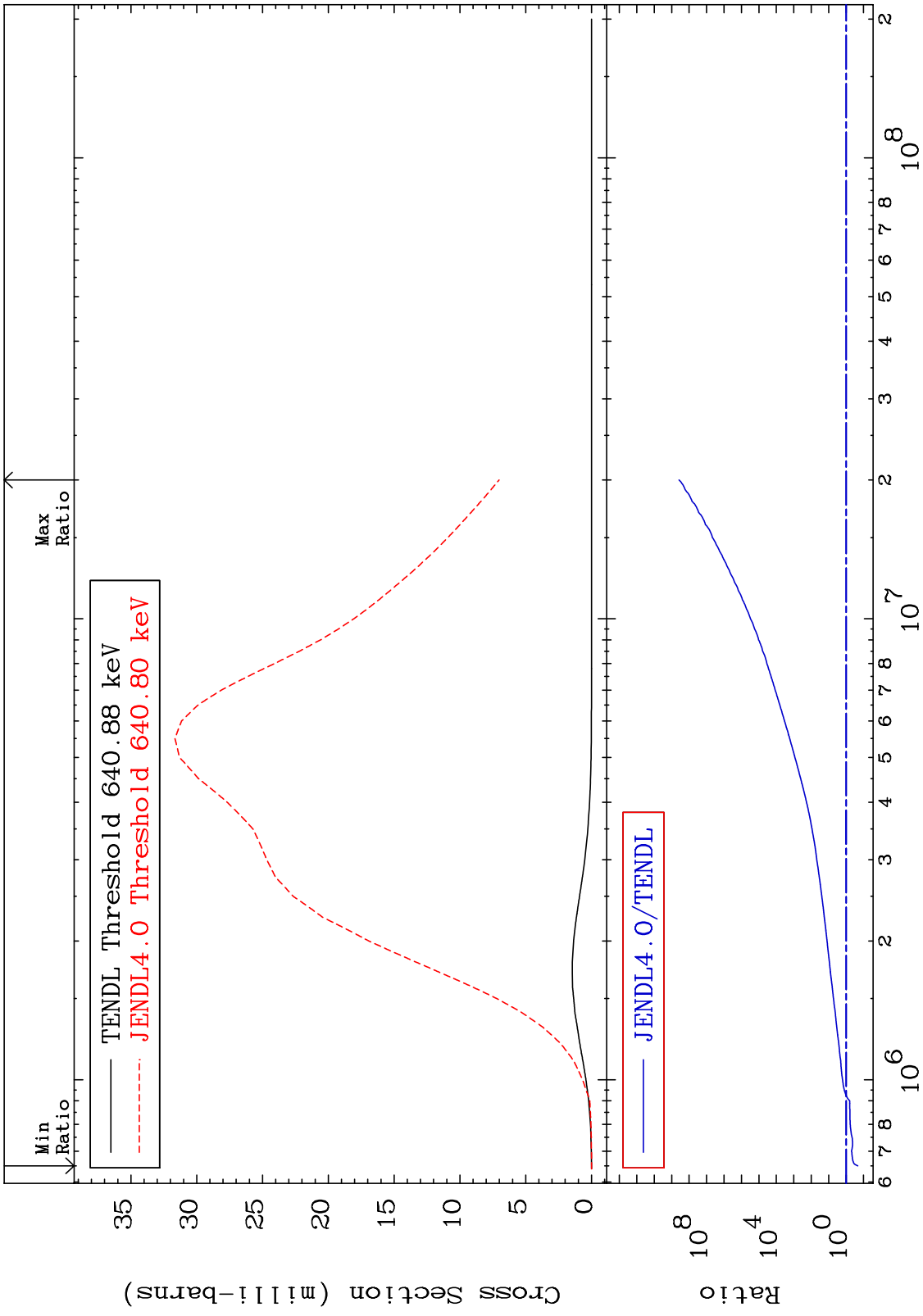
MAT 6925 MT= 67 (n,n') Level Cross Section 69-Tm-169 -93.03 To 140.3 %



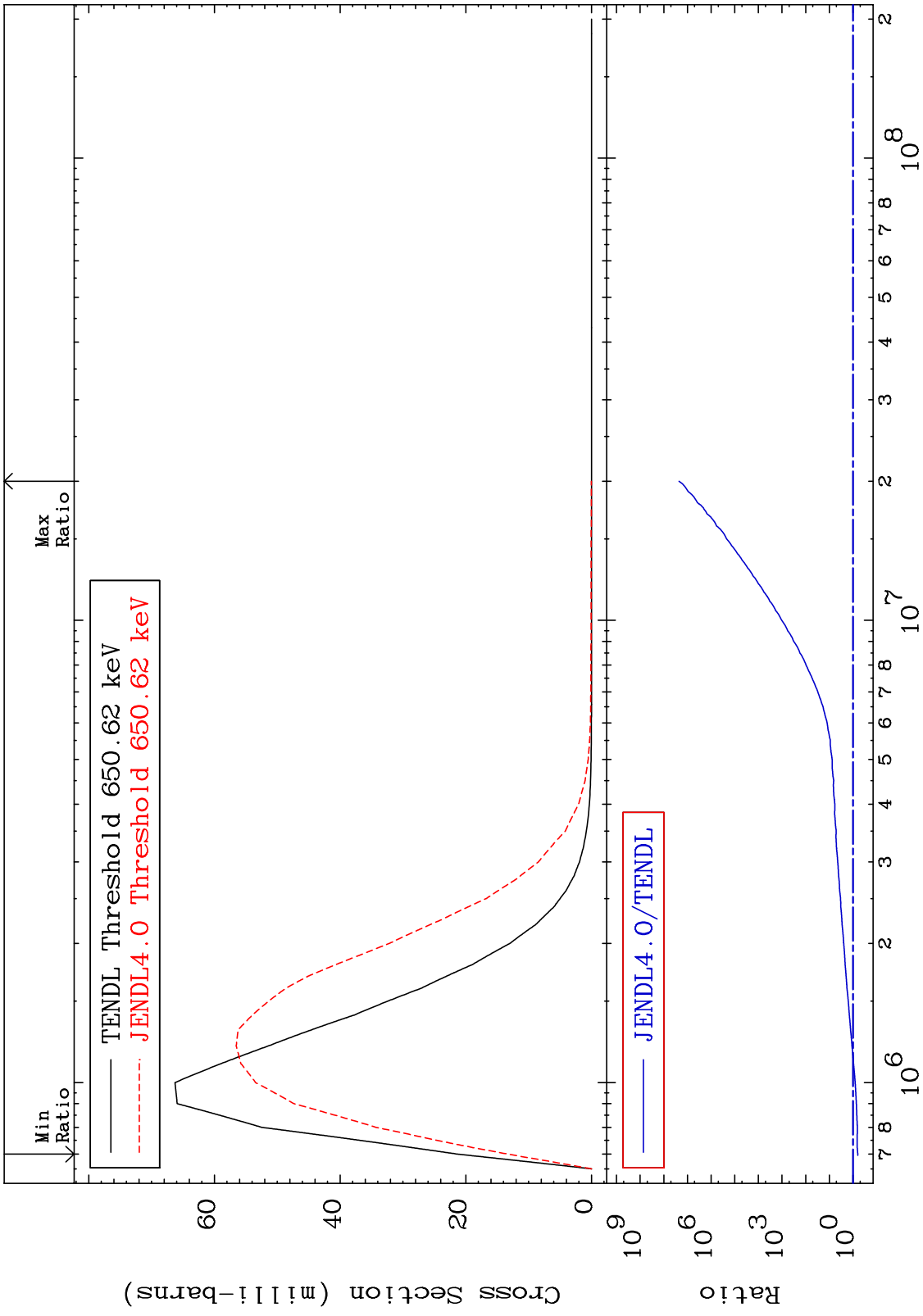
MAT 6925 MT= 68 (n,n') Level 69-Tm-169
 Cross Section -24.13 To 9999. %



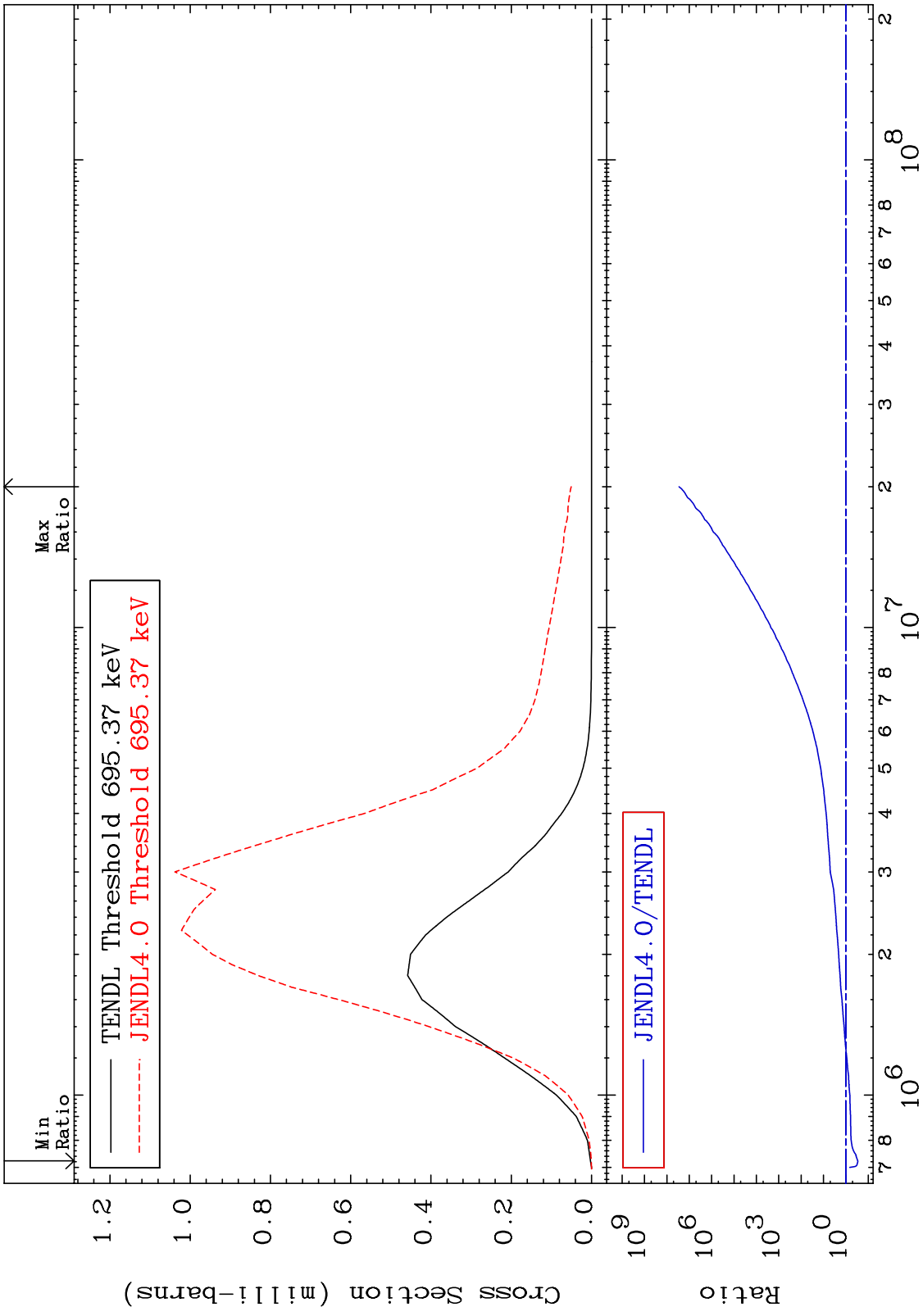
MAT 6925 MT= 69 (n,n') Level Cross Section 69-Tm-169
 -78.67 To 9999. %



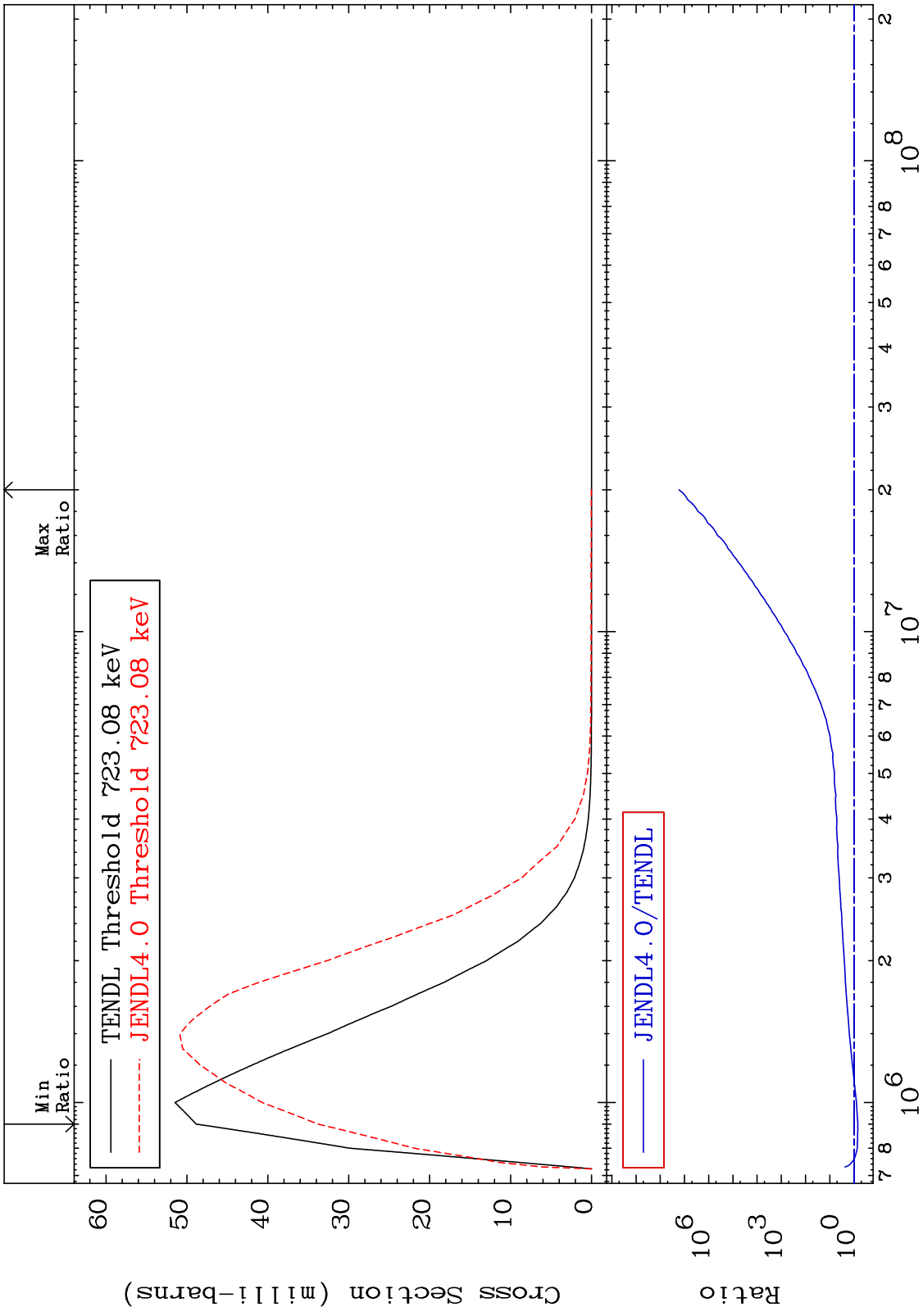
MAT 6925 MT= 70 (n,n') Level Cross Section 69-Tm-169
 -37.75 To 9999. %



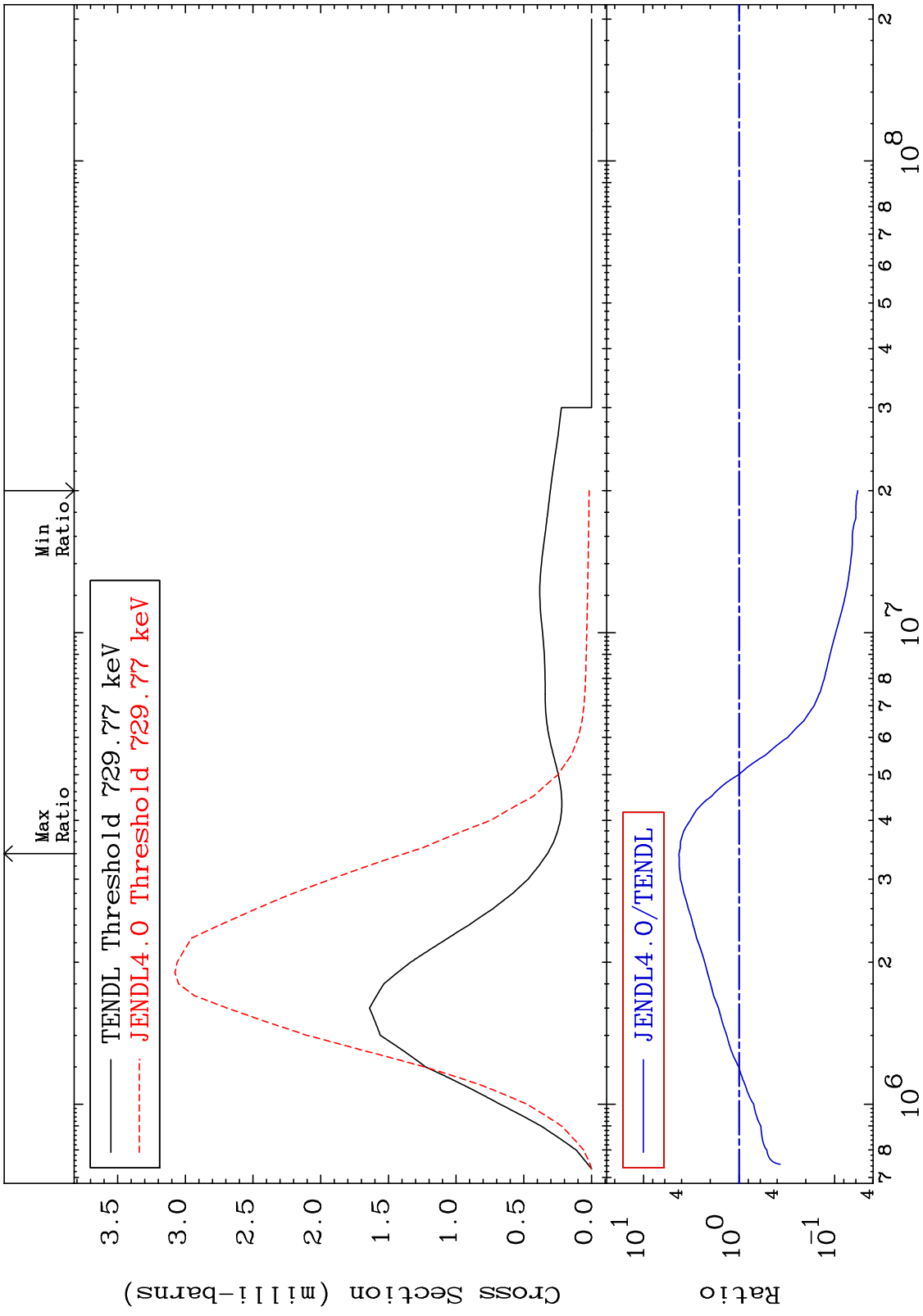
MAT 6925 MT= 71 (n,n') Level 69-Tm-169
 Cross Section -70.92 To 9999. %



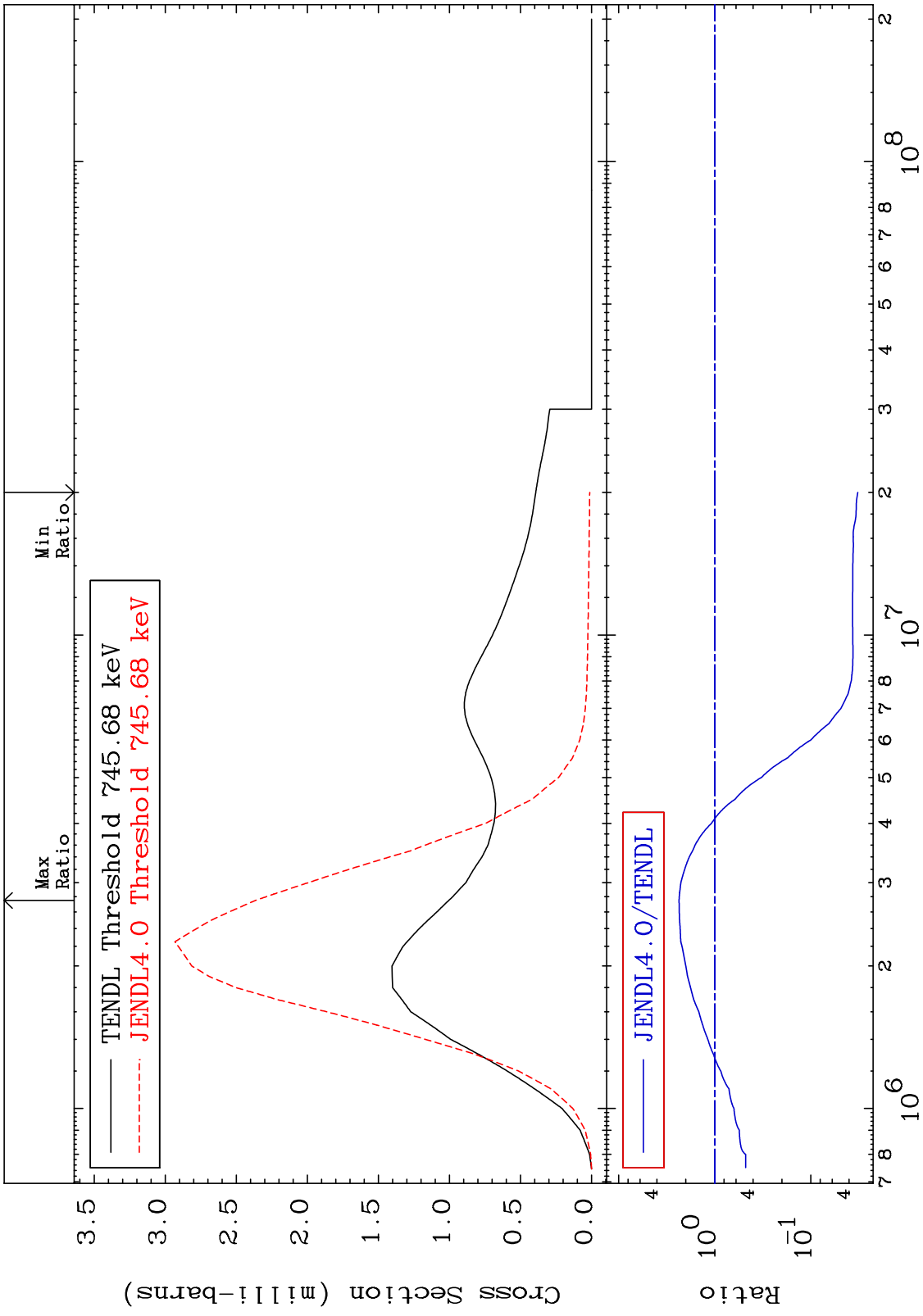
MAT 6925 MT= 72 (n,n') Level Cross Section 69-Tm-169
 -30.77 To 9999. %



MAT 6925 MT= 73 (n,n') Level Cross Section 69-Tm-169
 -94.29 To 325.2 %



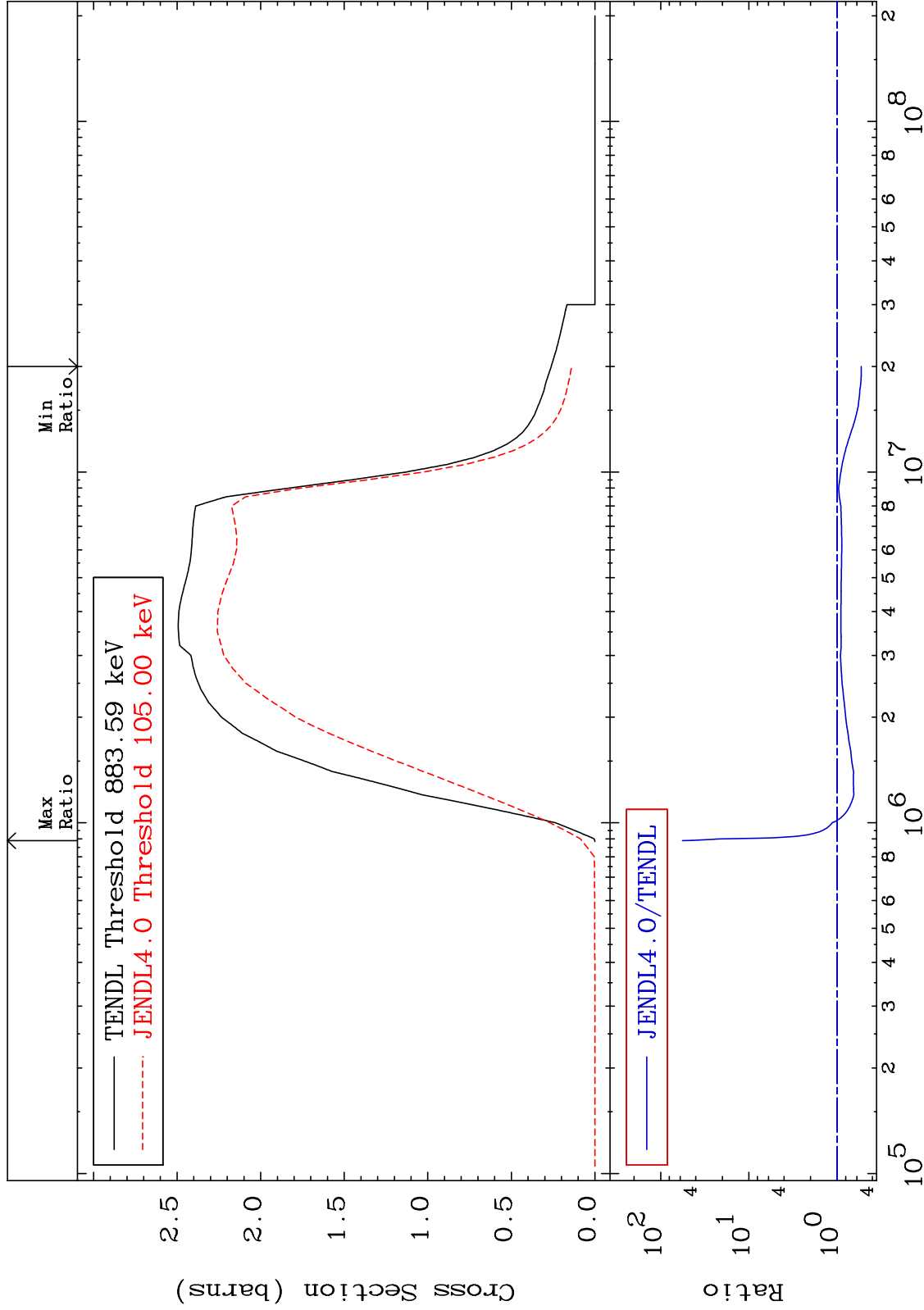
MAT 6925 MT= 74 (n,n') Level Cross Section 69-Tm-169 -96.76 To 135.4 %



MAT 6925

(n, n') Continuum
Cross Section

69-Tm-169
-46.67 To 5563. %



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Incident Energy (eV)

69-Tm-169

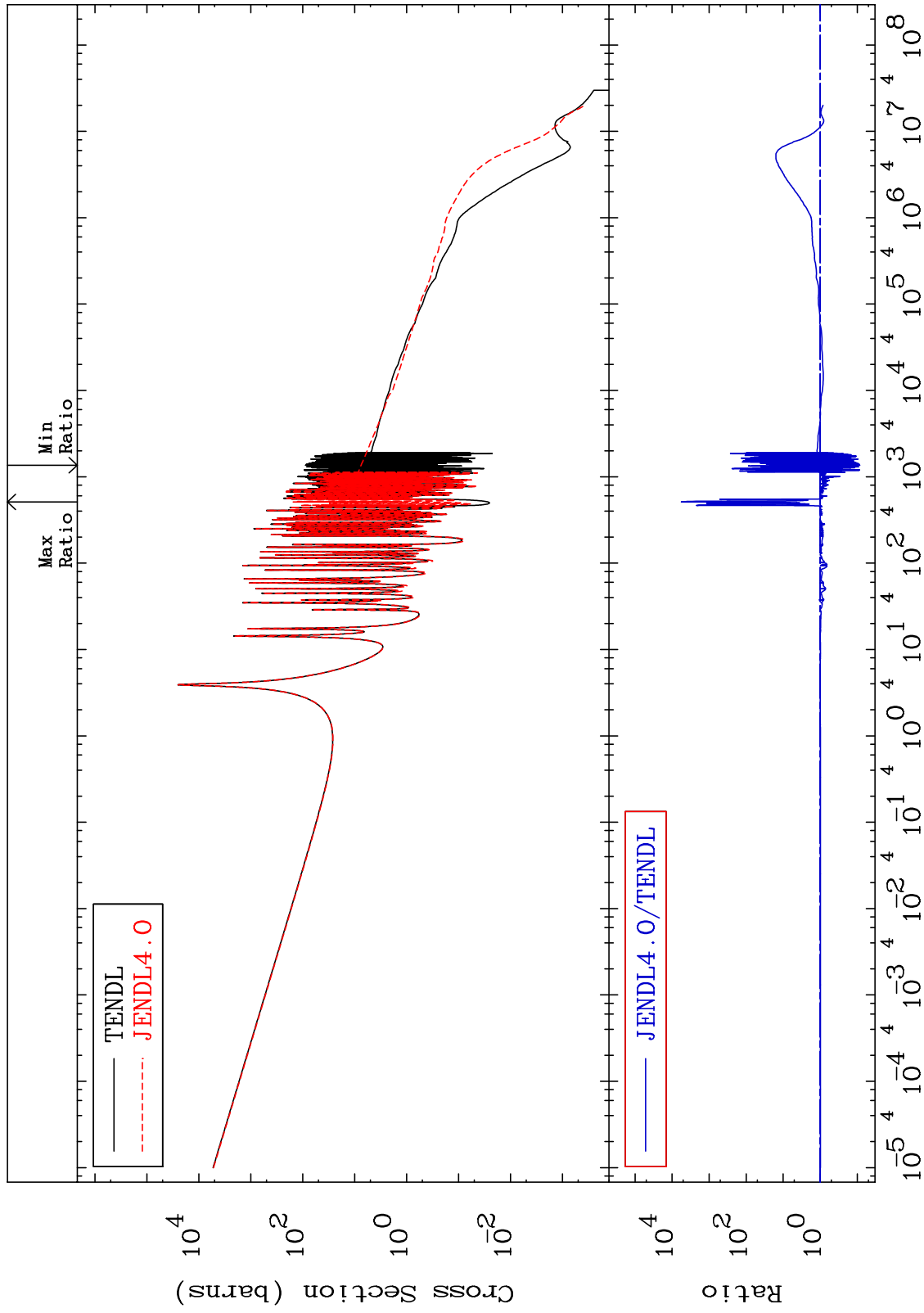
MAT 6925

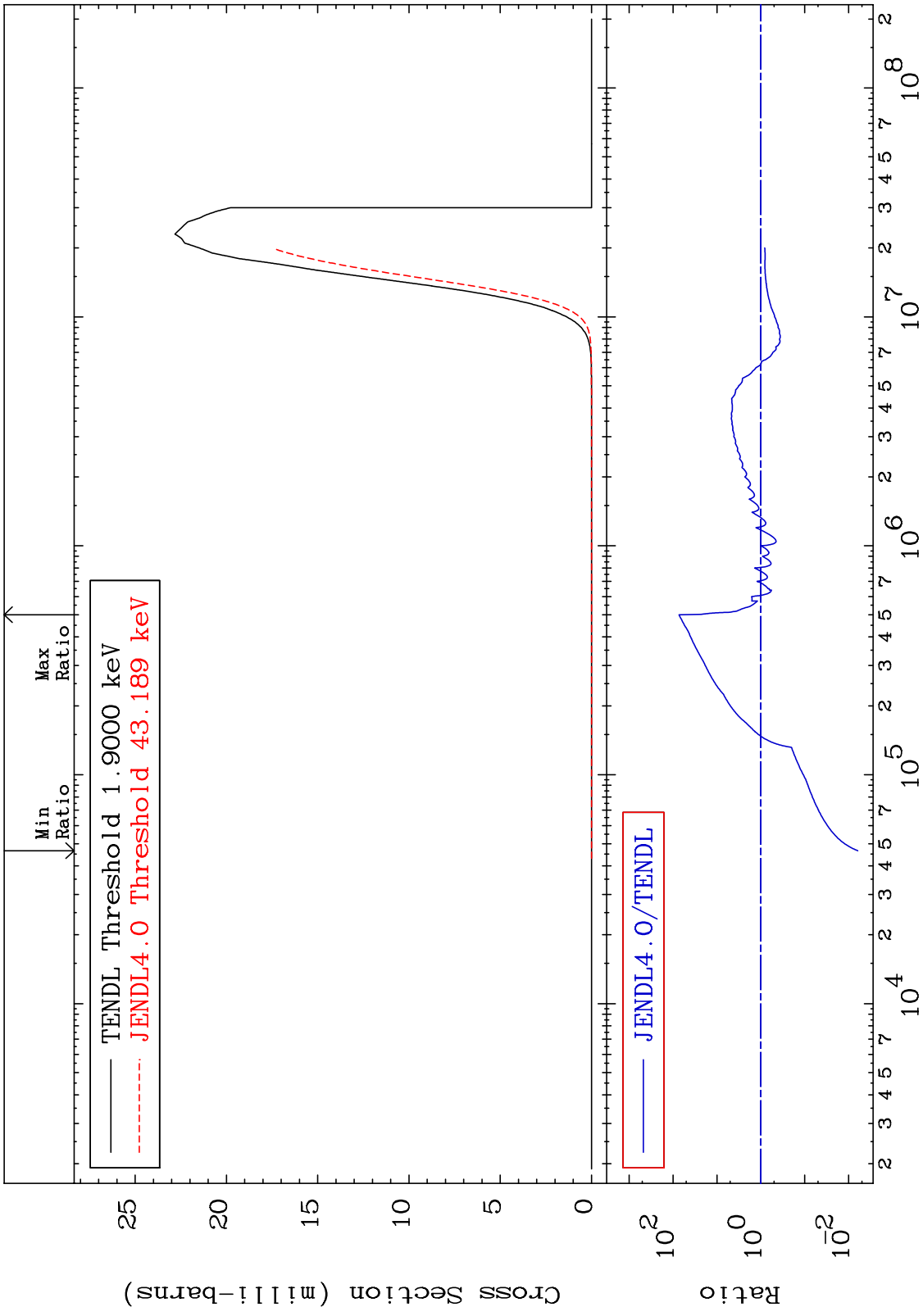
(n, γ)

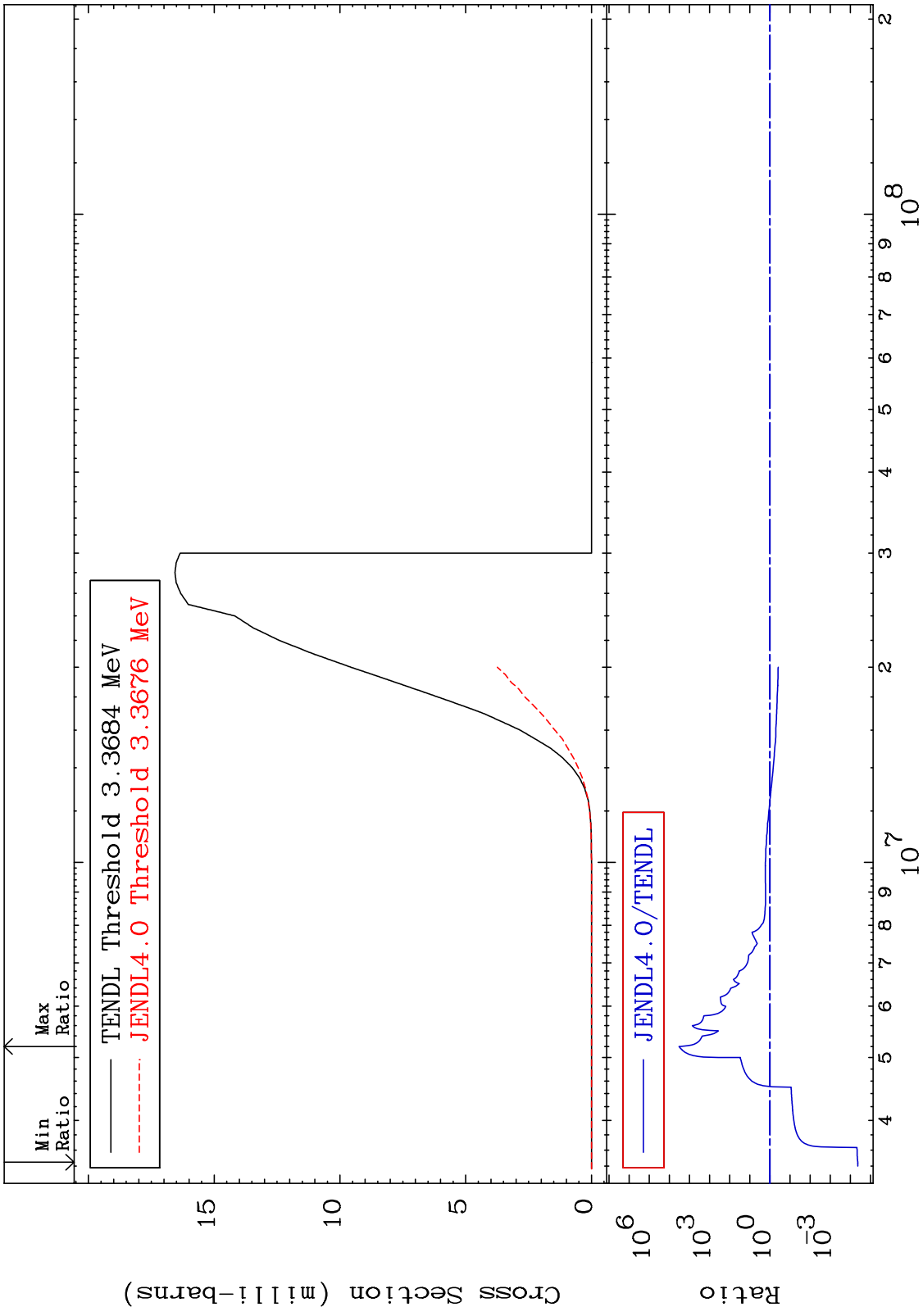
69-Tm-169

-91.45 To 9999. %

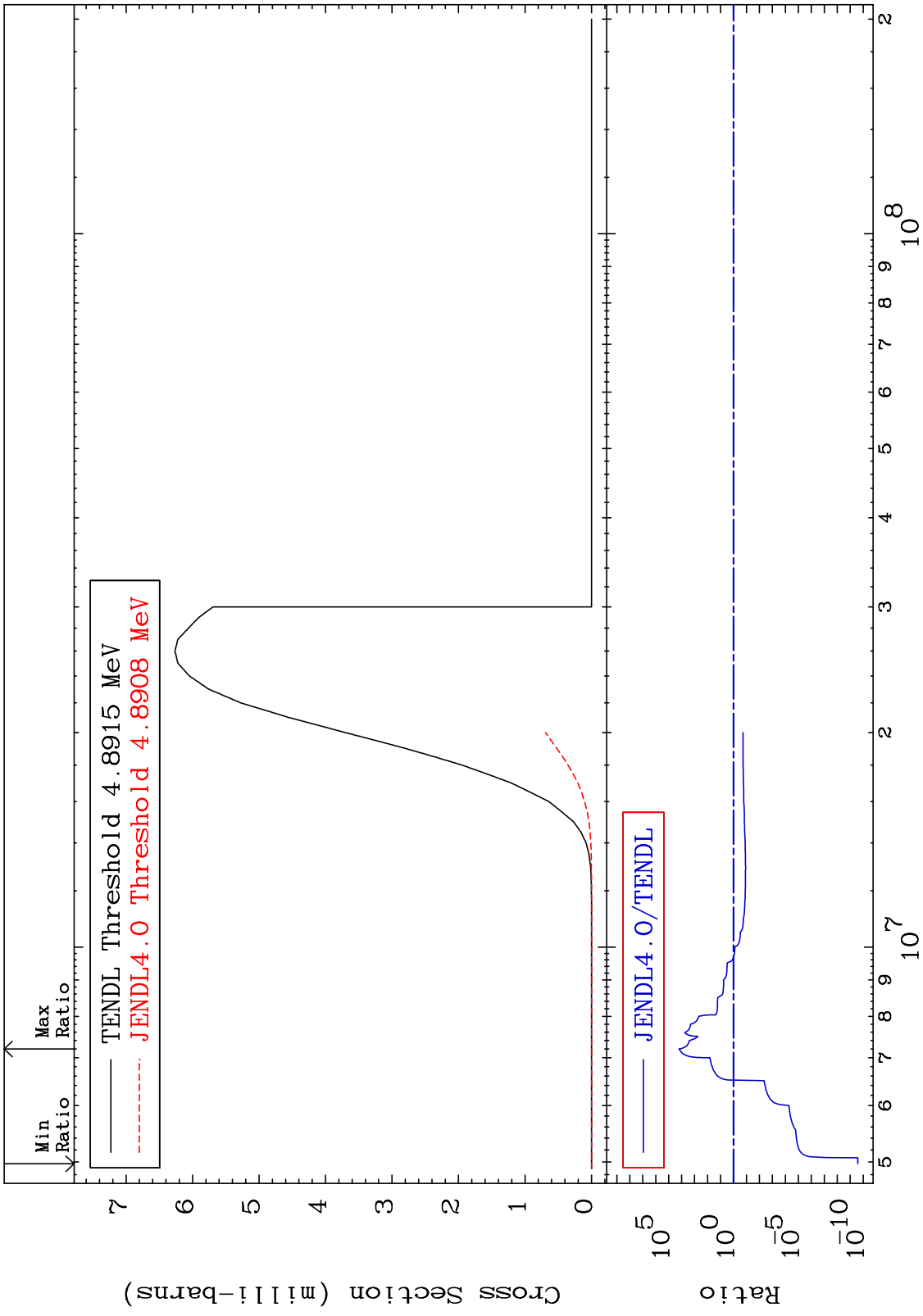
Cross Section



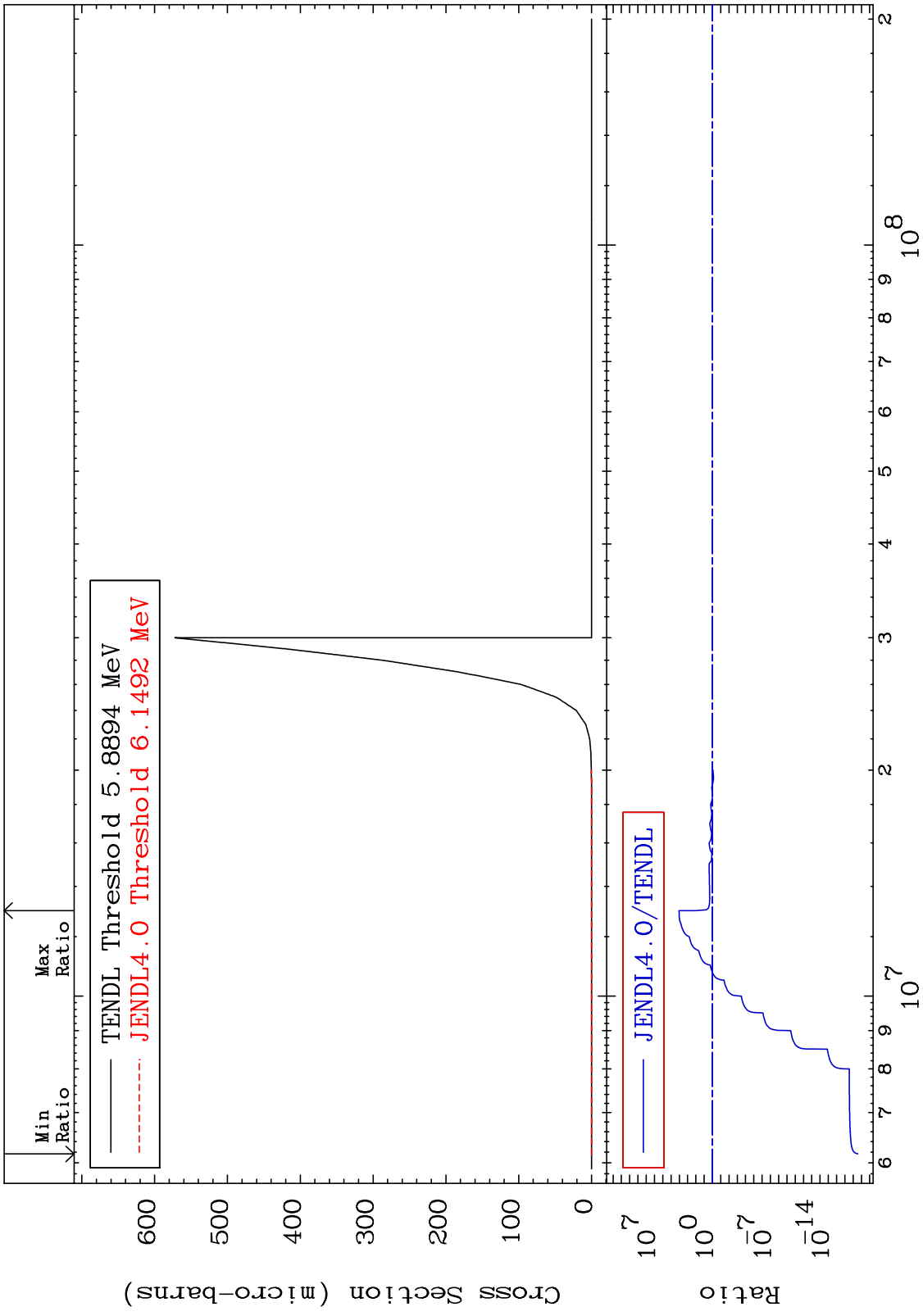




MAT 6925 (n,t) 69-Tm-169
 Cross Section -100.0 To 9999. %



MAT 6925 (n, He-3) 69-Tm-169
 Cross Section -100.0 To 9999. %



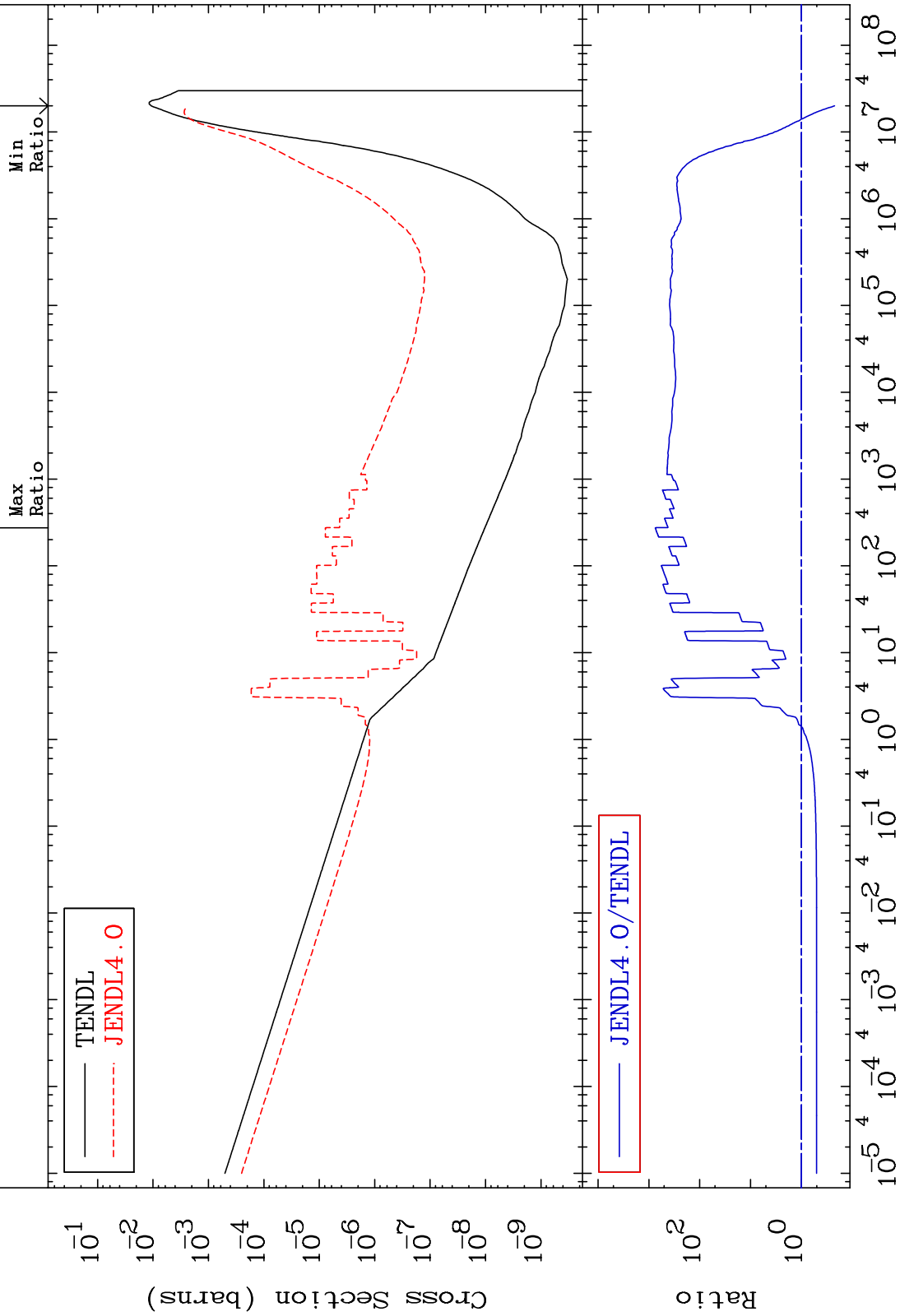
MAT 6925

(n, α)

69-Tm-169

-77.71 To 9999. %

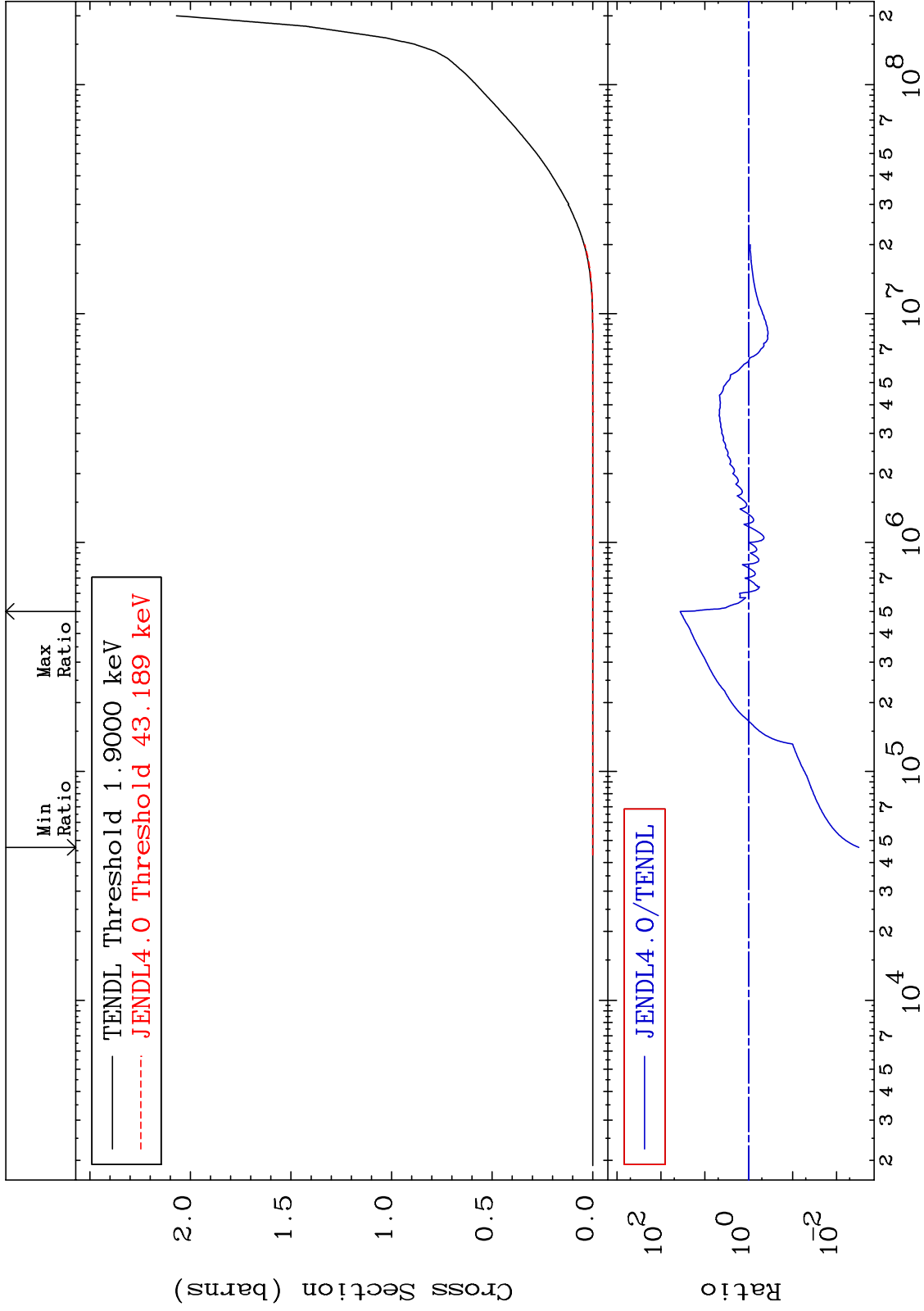
Cross Section



MAT 6925

Hydrogen Production
Cross Section

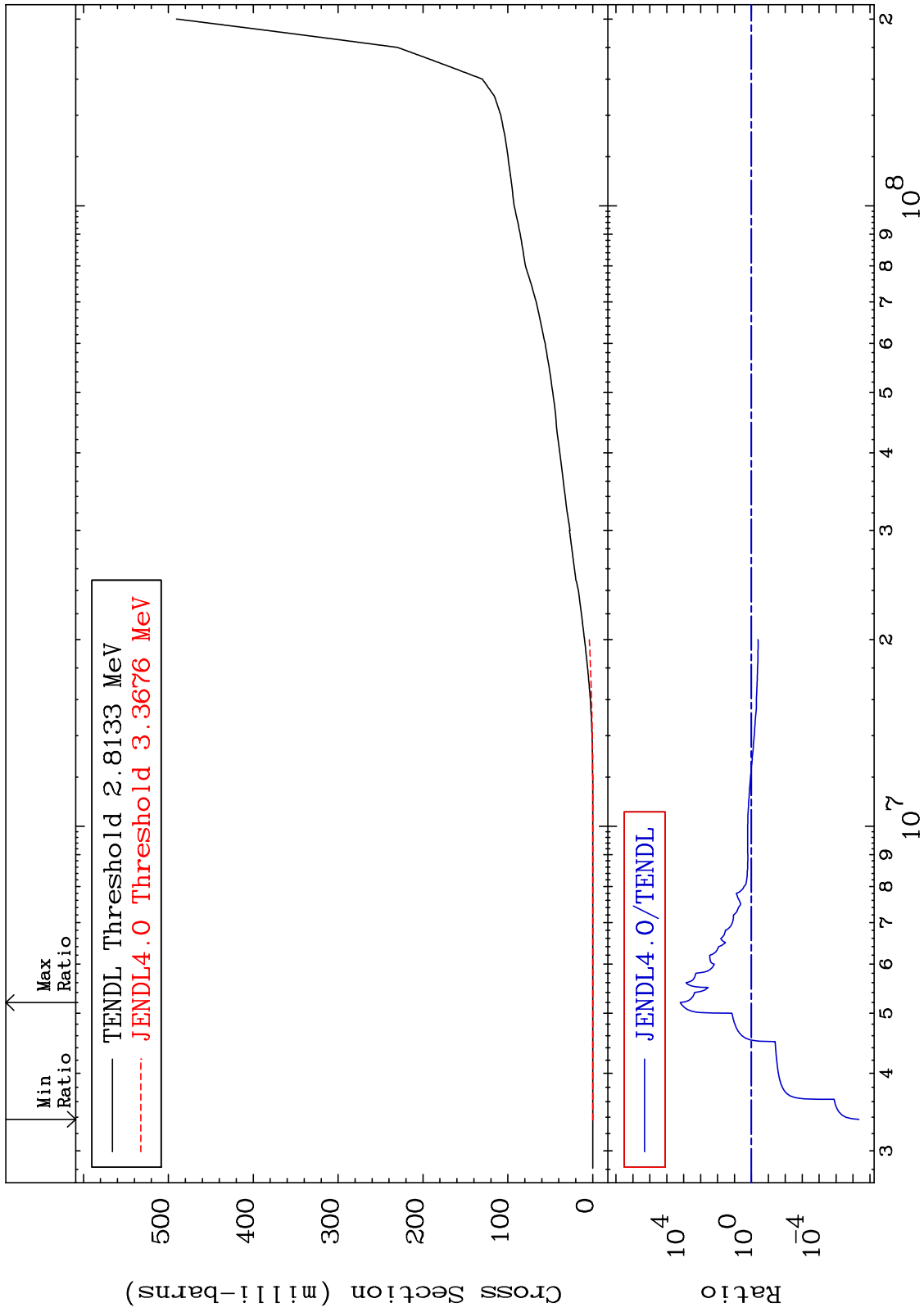
69-Tm-169
-99.69 To 3538. %



MAT 6925

Deuterium Production Cross Section

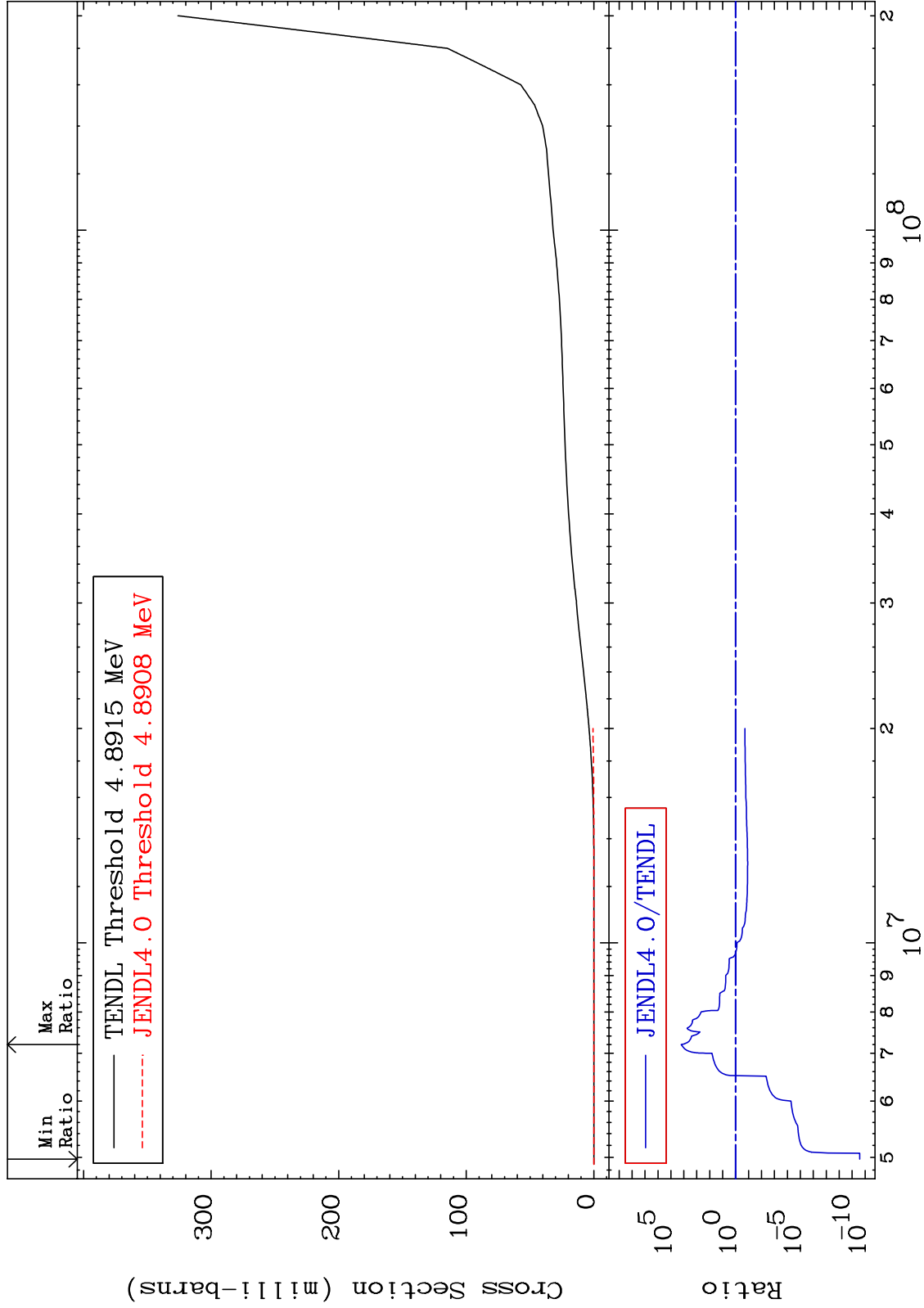
69-Tm-169
-100.0 To 9999. %



MAT 6925

Tritium Production
Cross Section

69-Tm-169
-100.0 To 9999. %



45

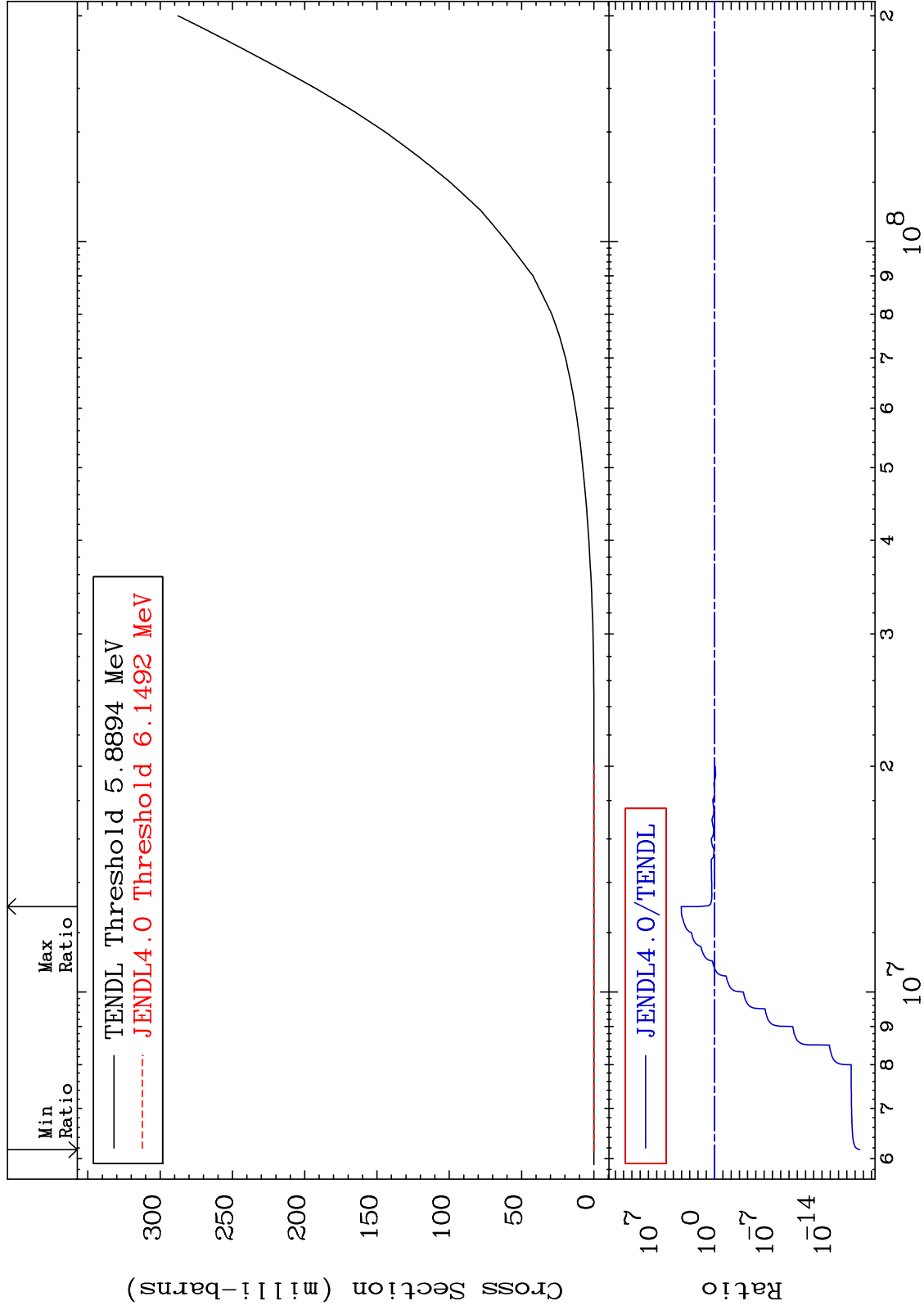
Incident Energy (eV)

69-Tm-169

MAT 6925

He-3 Production
Cross Section

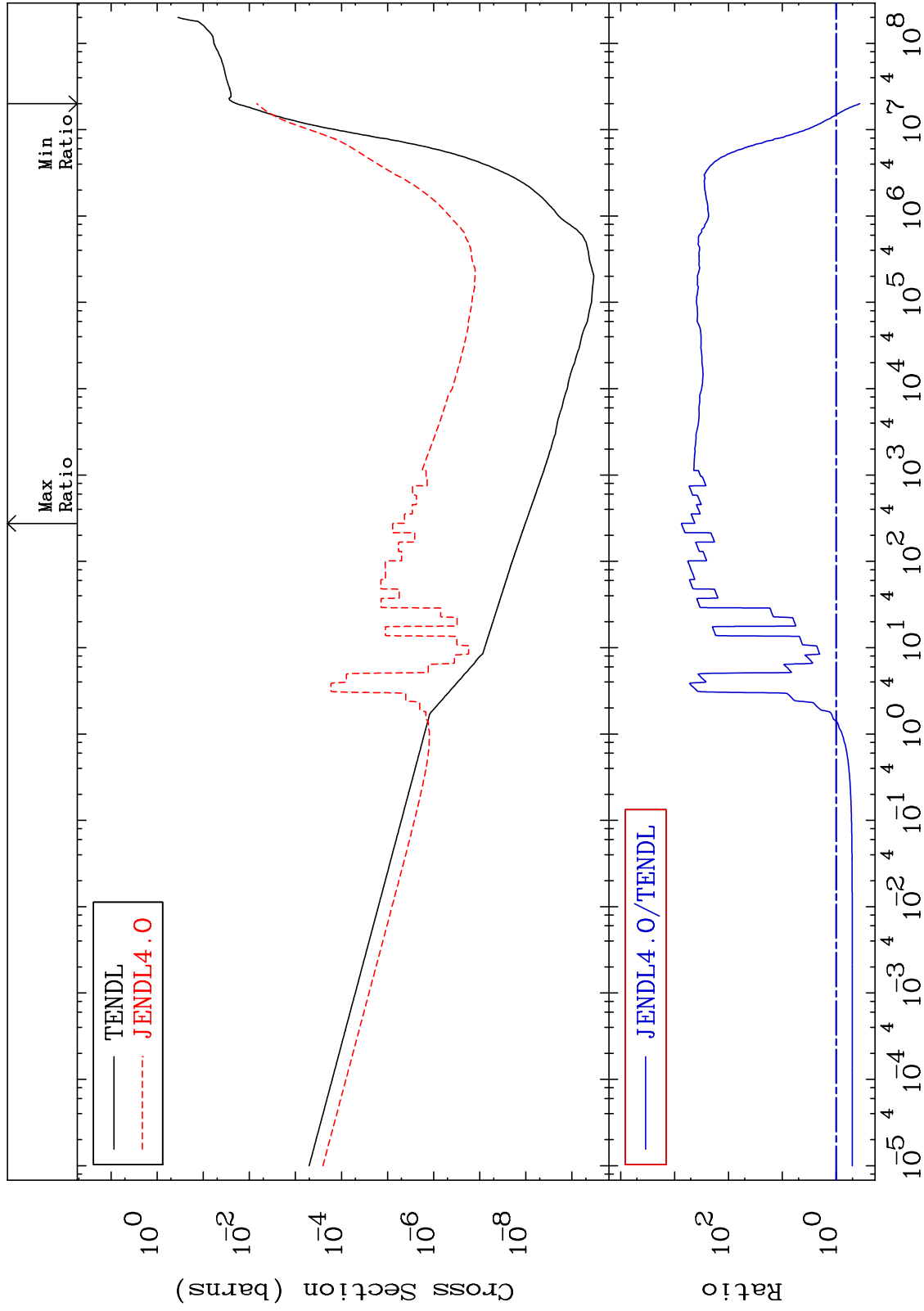
69-Tm-169
-100.0 To 9999. %



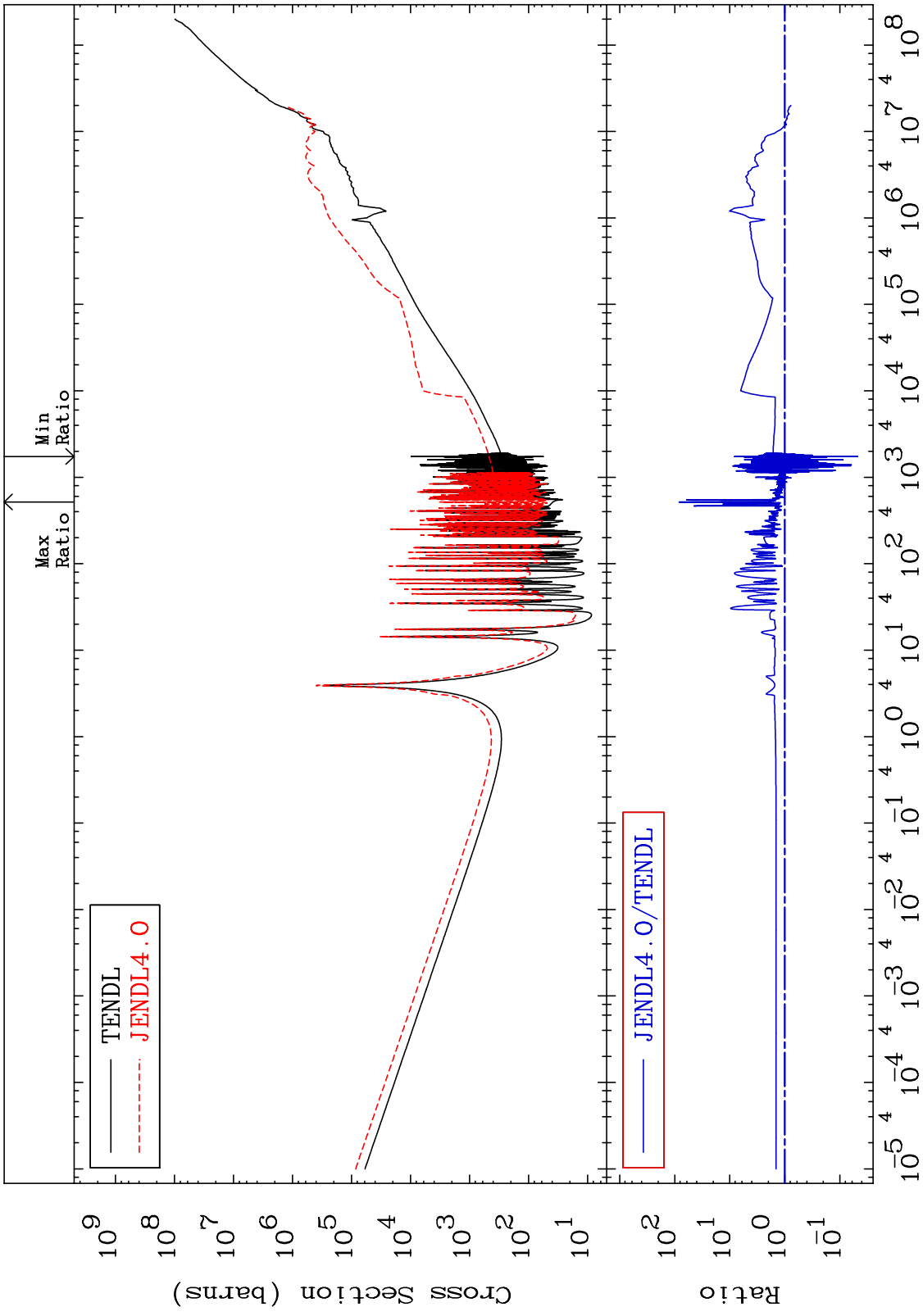
MAT 6925

He-4 Production
Cross Section

69-Tm-169
-63.46 To 9999. %



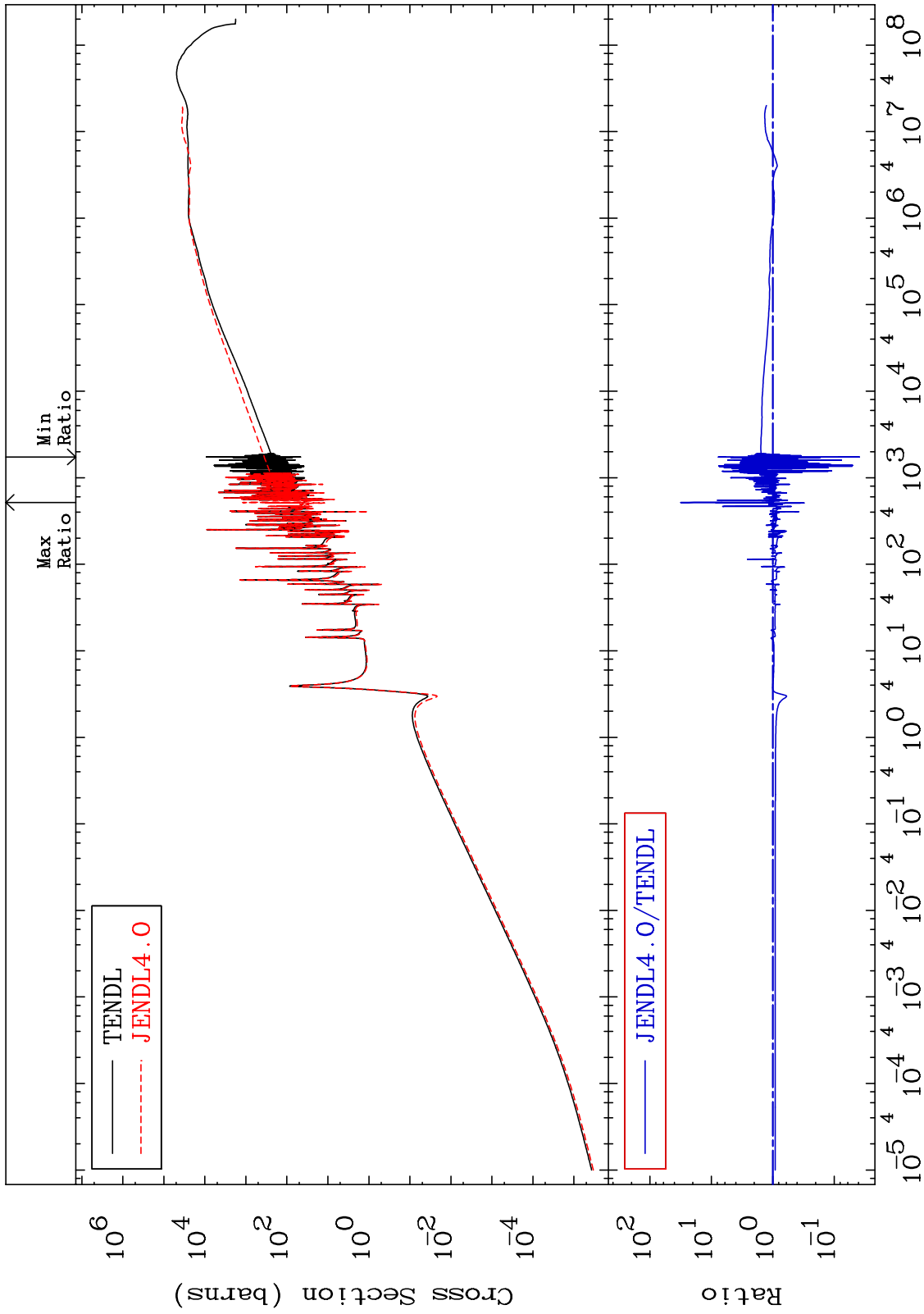
MAT 6925 Kerma total (eV-barns) 69-Tm-169
 Cross Section -95.27 To 8252. %



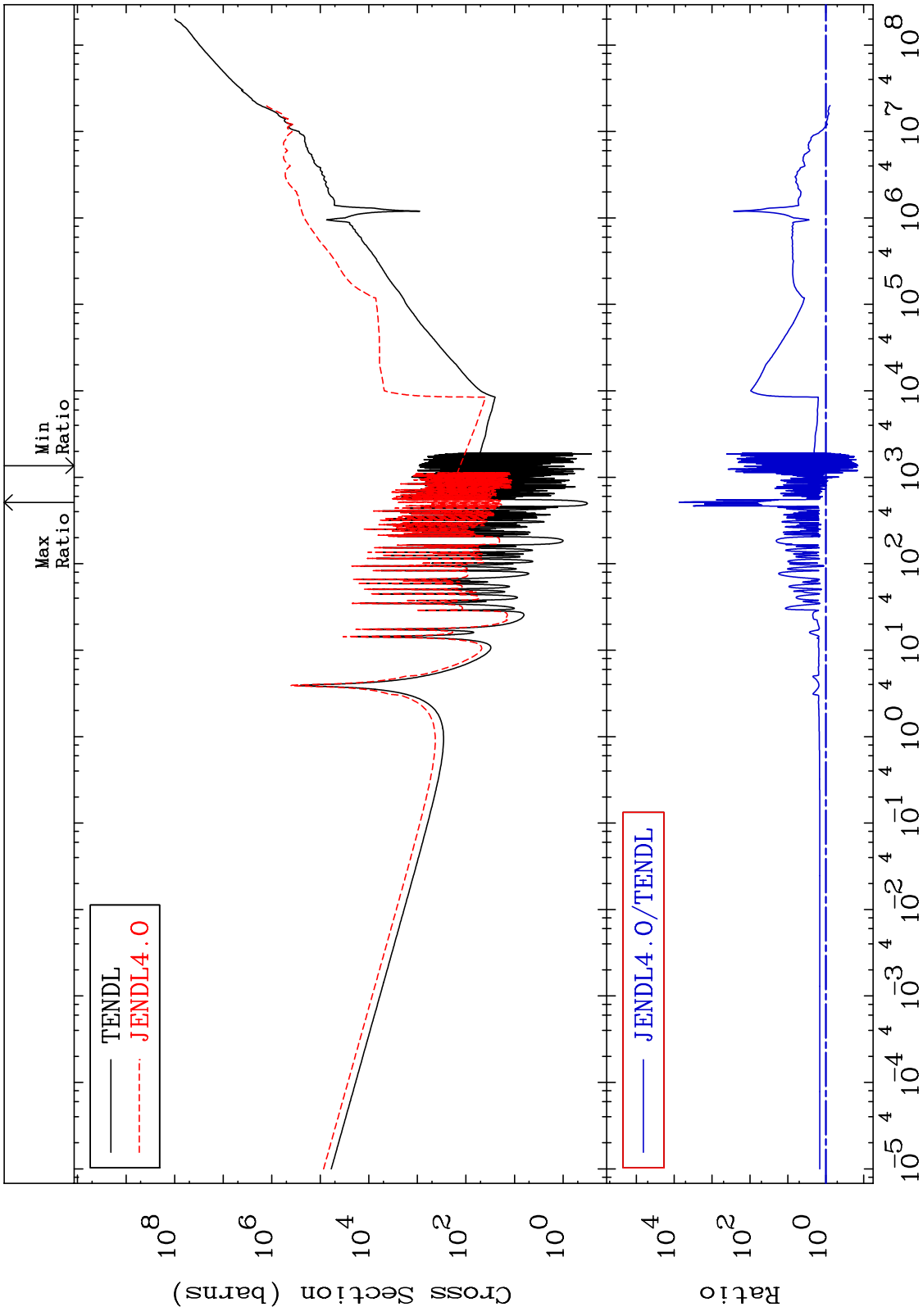
MAT 6925

Kerma elastic
Cross Section

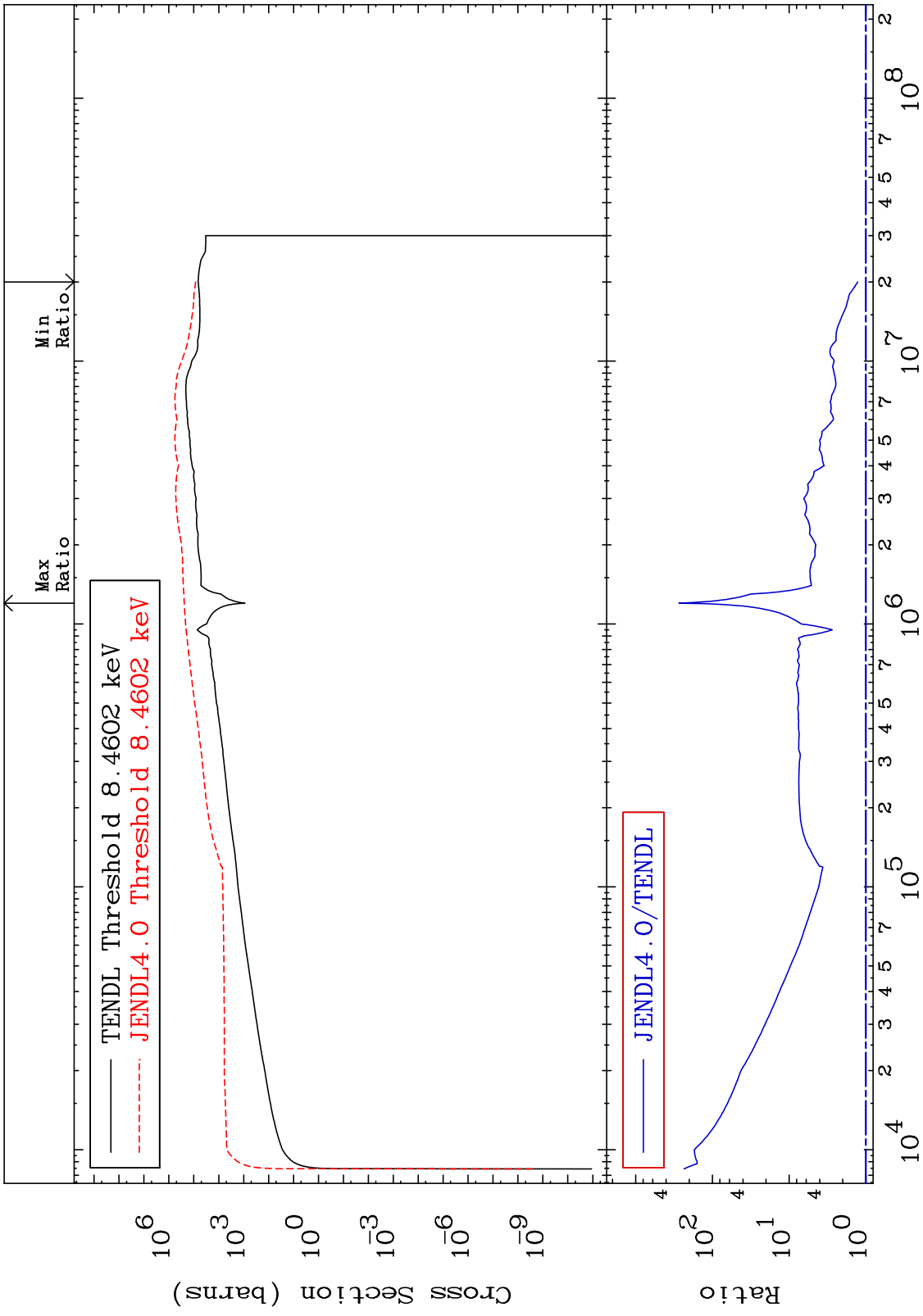
69-Tm-169
-96.16 To 3042. %



MAT 6925 Kerma non-elastic (all but mt2) Cross Section 69-Tm-169
 -85.73 To 9999. %



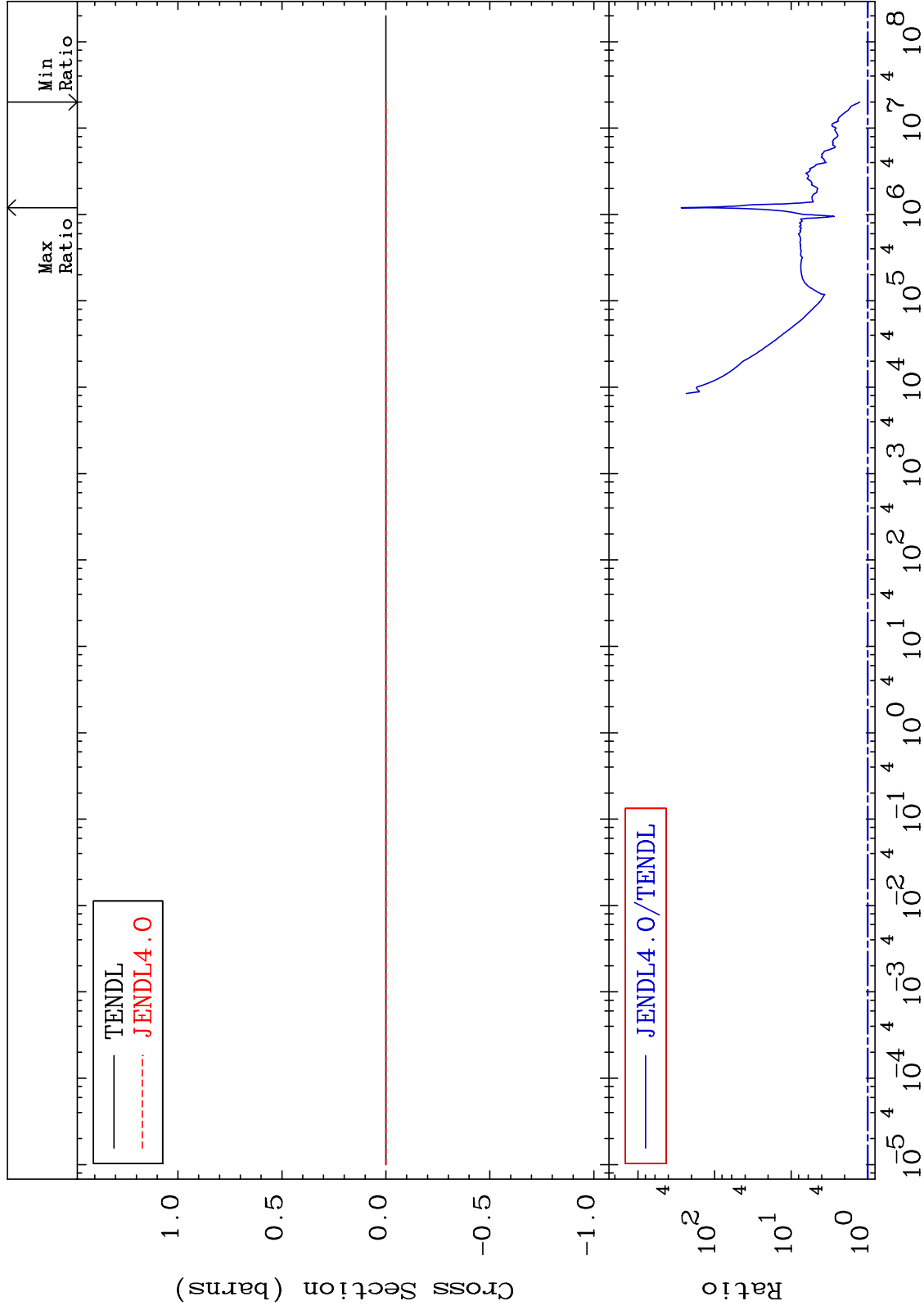
MAT 6925 Kerma inelastic (mt51-91) 69-Tm-169
 Cross Section 27.32 To 9999. %



MAT 6925

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

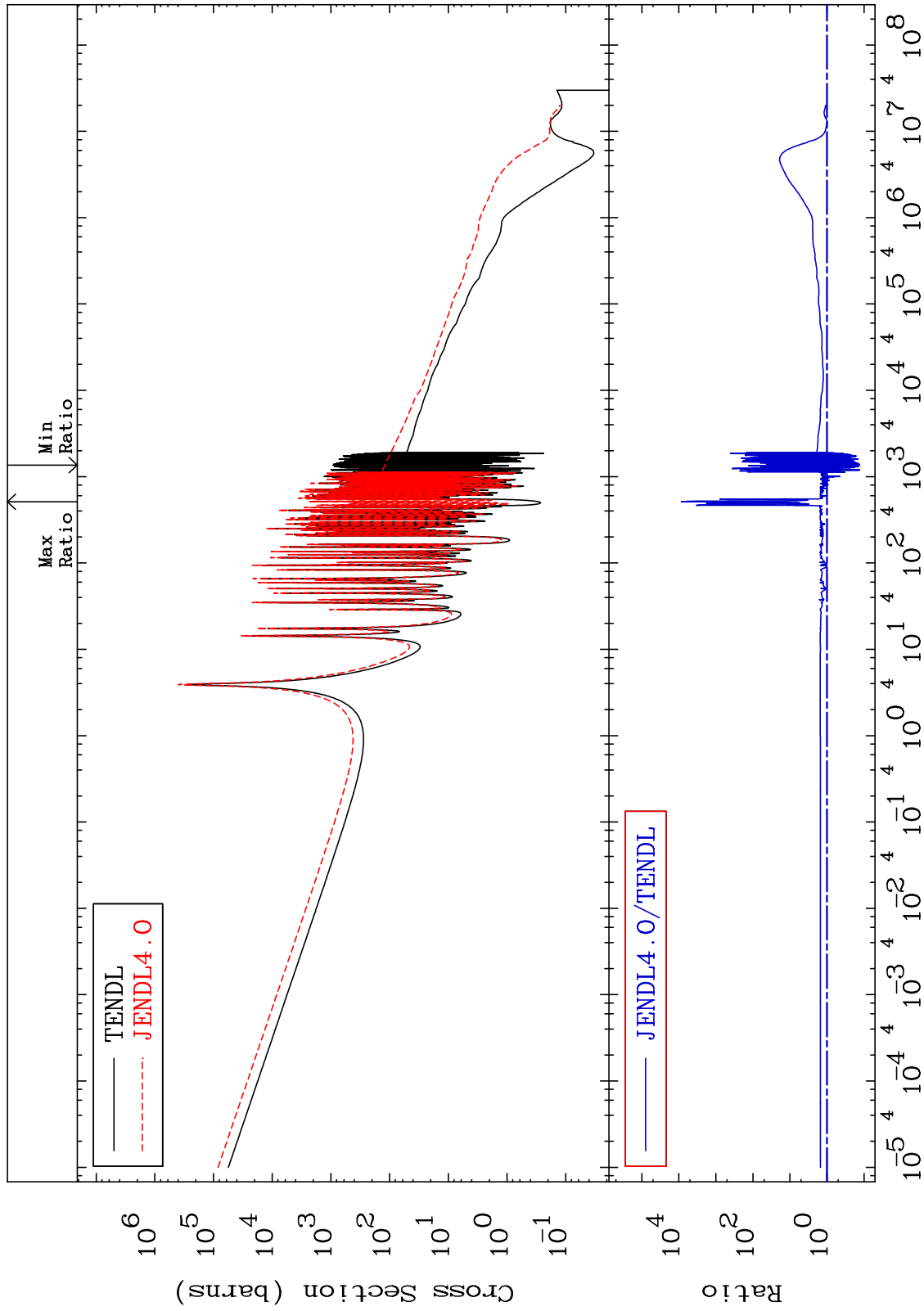
69-Tm-169
27.32 To 9999. %



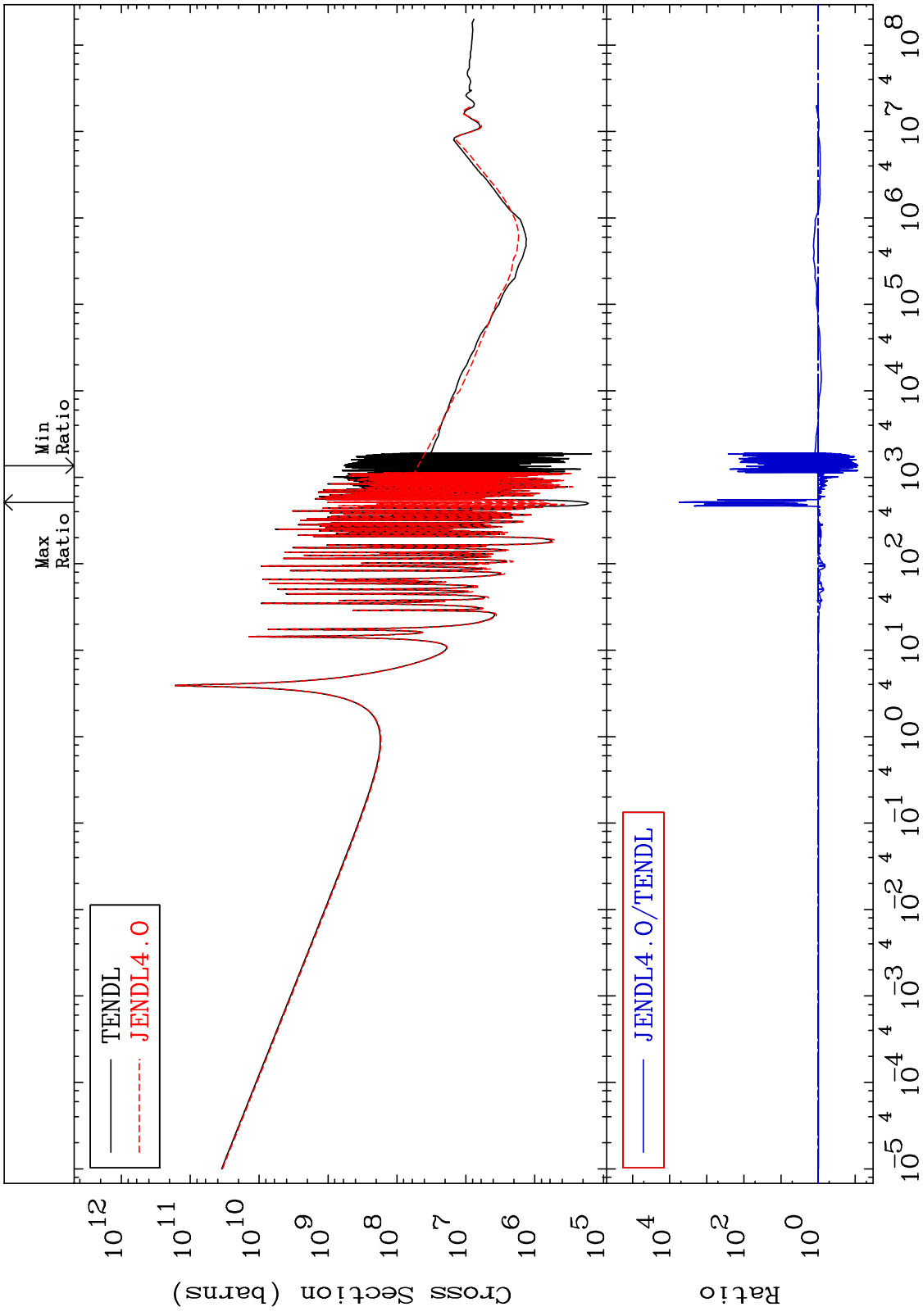
MAT 6925

Kerma capture (mt102)
Cross Section

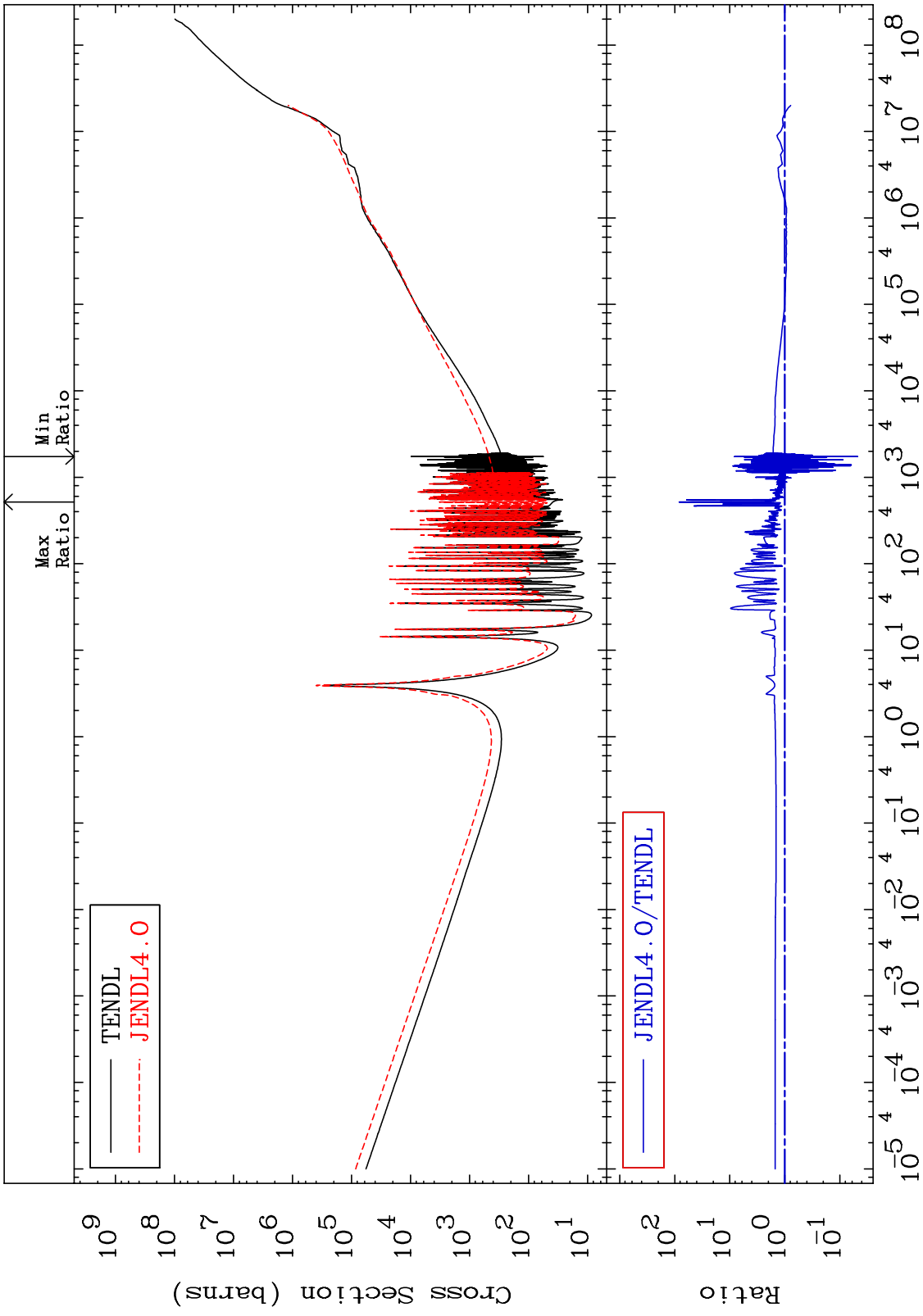
69-Tm-169
-87.00 To 9999. %



MAT 6925 Total photon (eV-barns) Cross Section 69-Tm-169
-91.54 To 9999. %

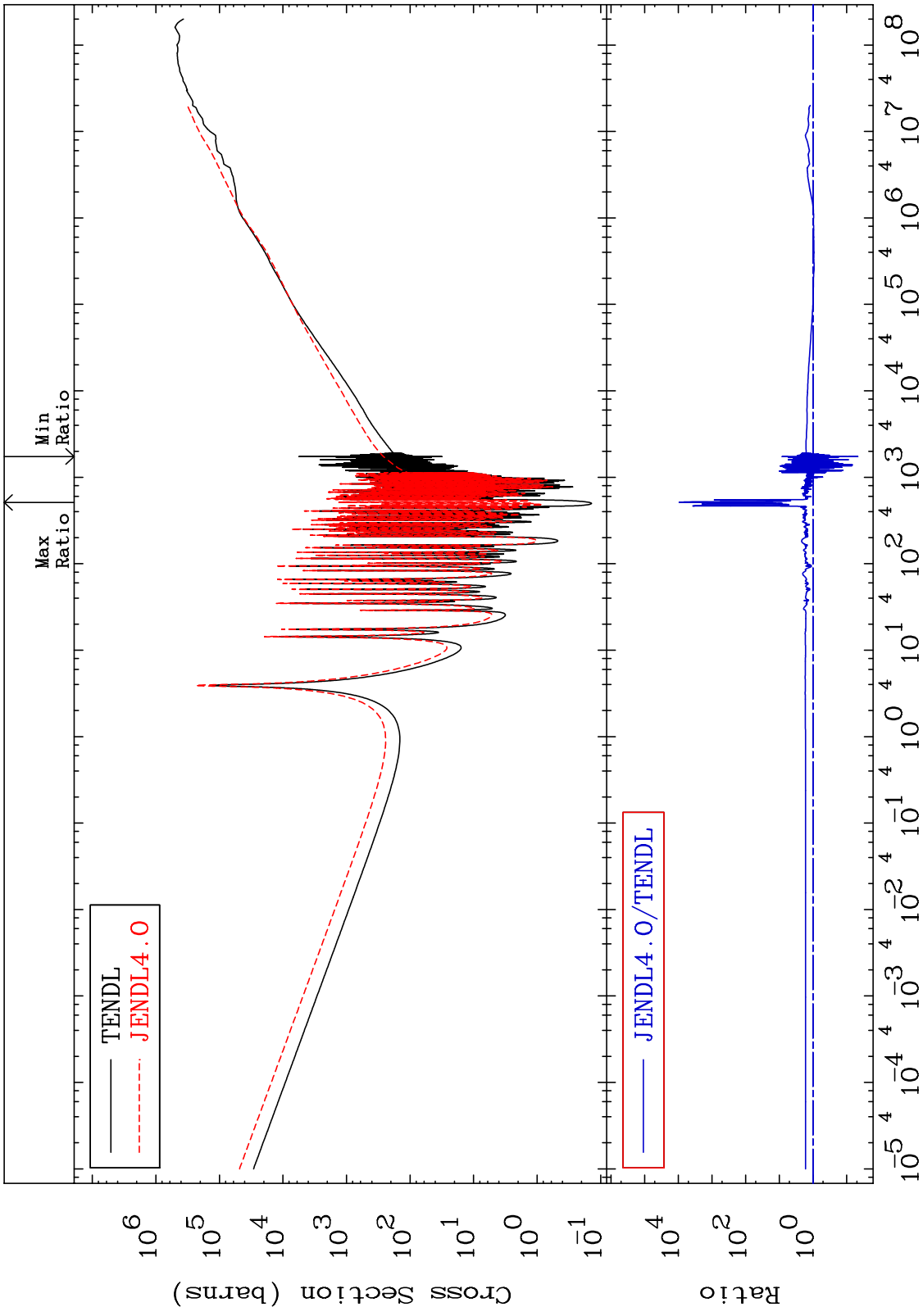


MAT 6925 Total kinematic kerma (high limit) 69-Tm-169
 Cross Section -95.27 To 8252. %



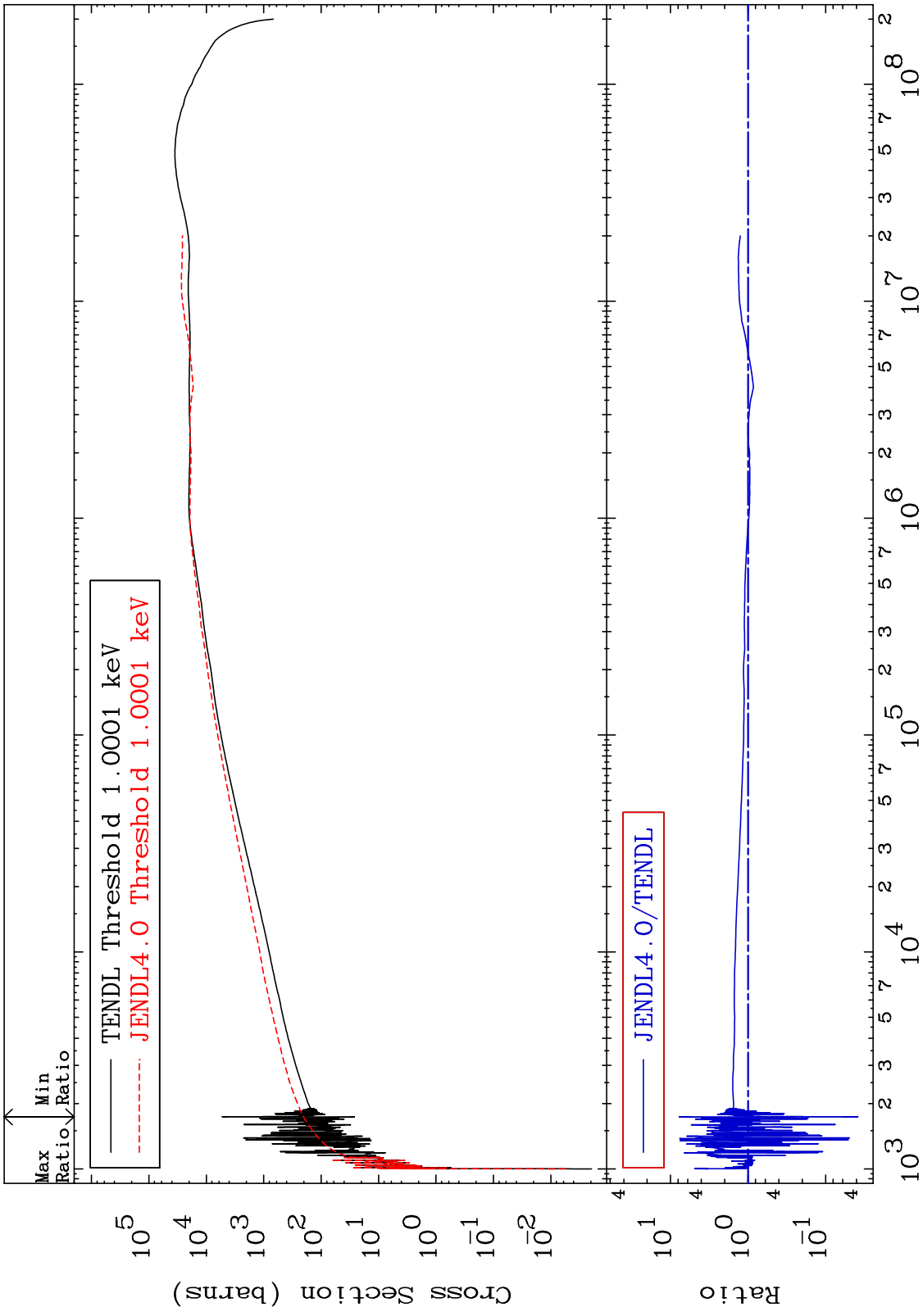
55 Incident Energy (eV) 69-Tm-169

MAT 6925 Dpa total (eV-barns) 69-Tm-169
 Cross Section -95.34 To 9999. %

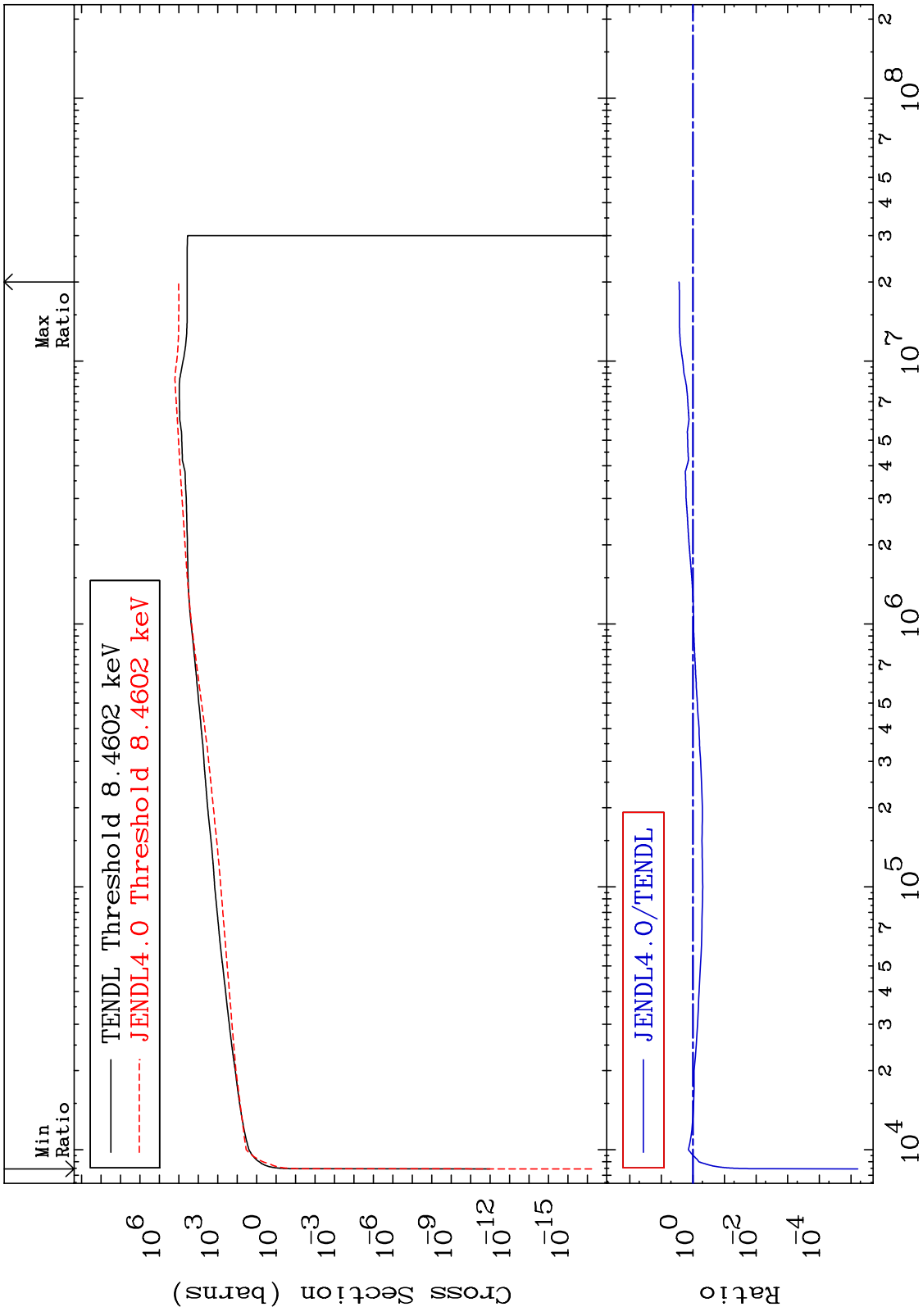


56 Incident Energy (eV) 69-Tm-169

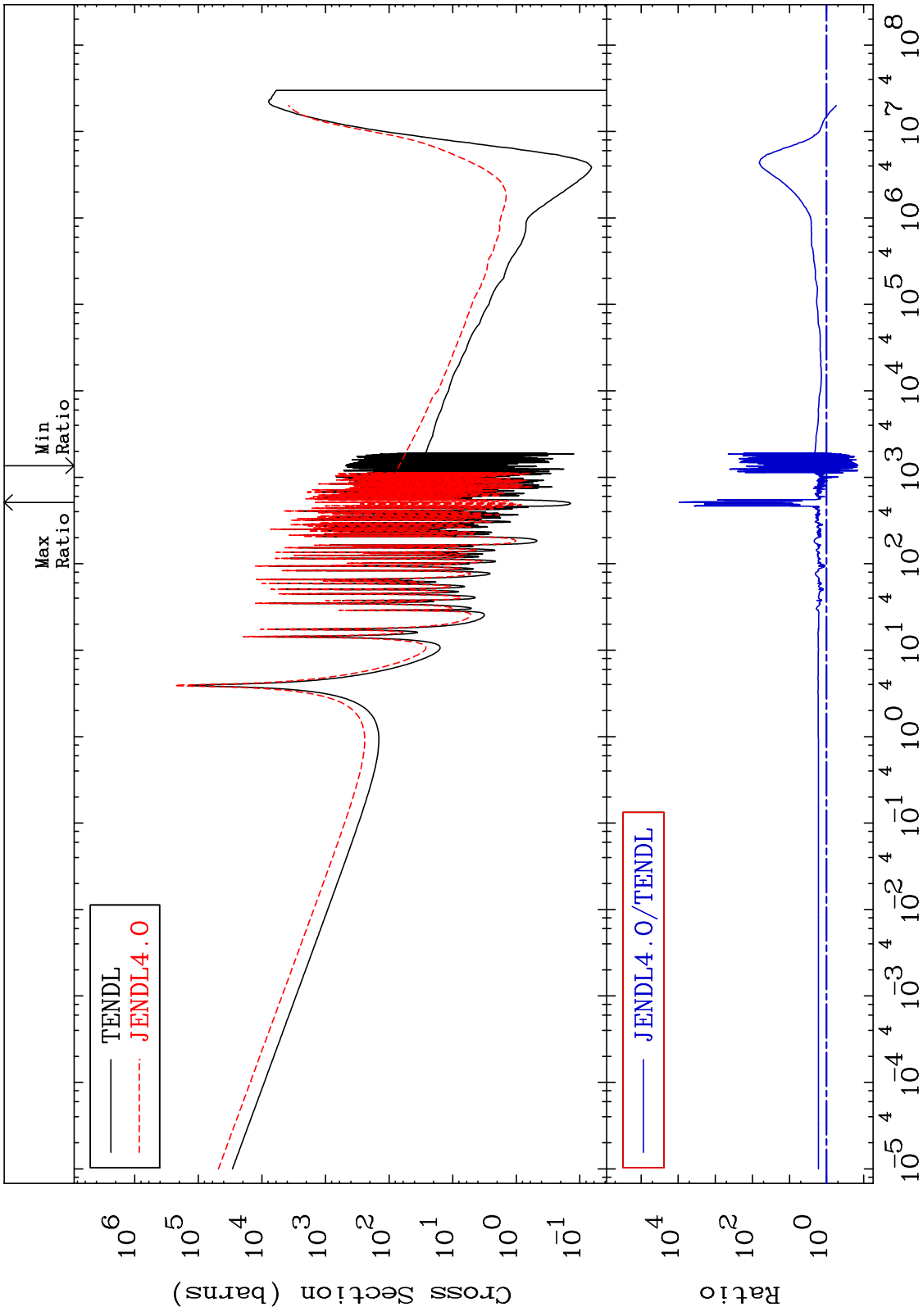
MAT 6925 Dpa elastic (mt2) 69-Tm-169
 Cross Section -96.16 To 676.2 %



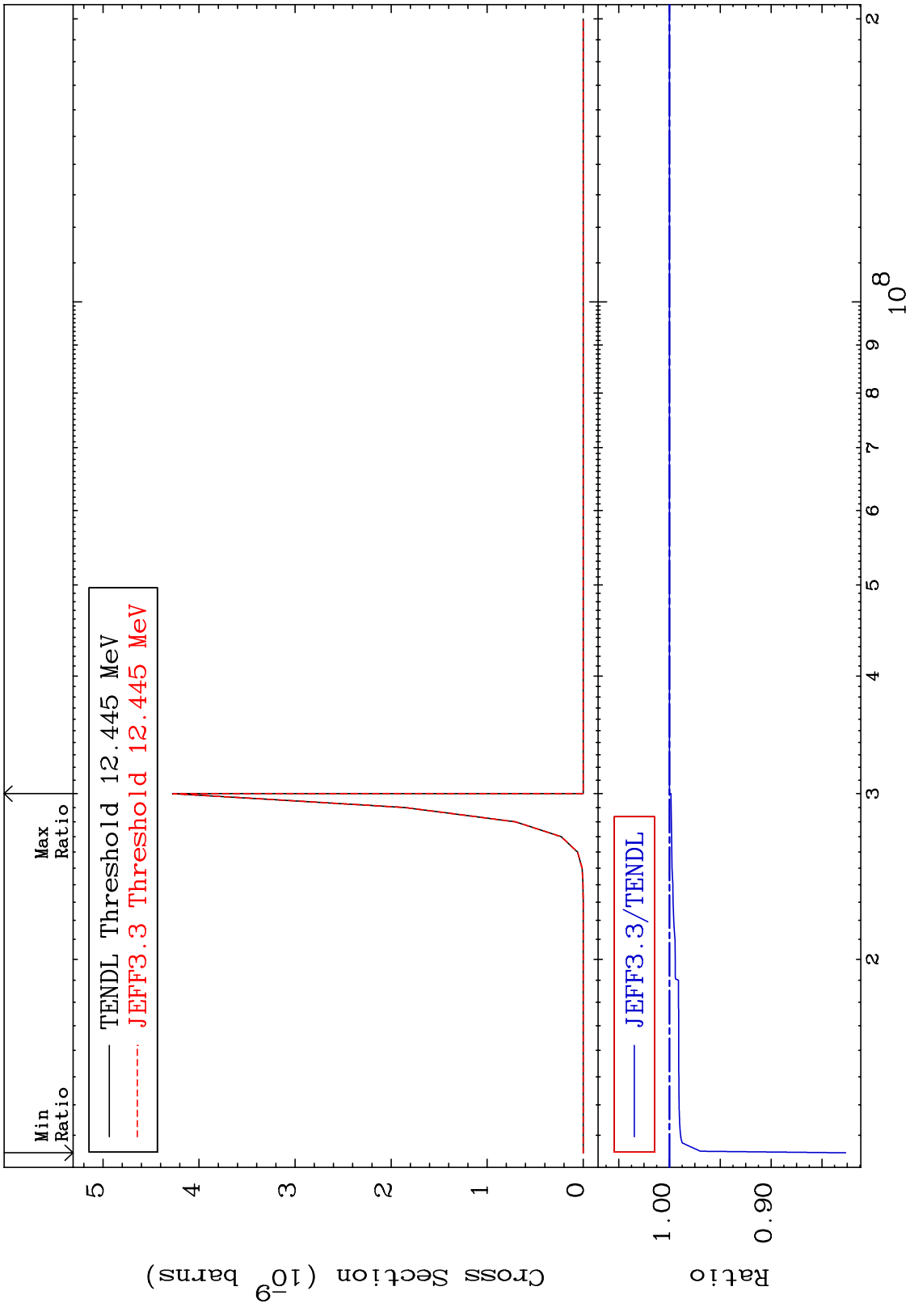
MAT 6925 Dpa inelastic (mt51-91) 69-Tm-169
 Cross Section -100.0 To 175.3 %



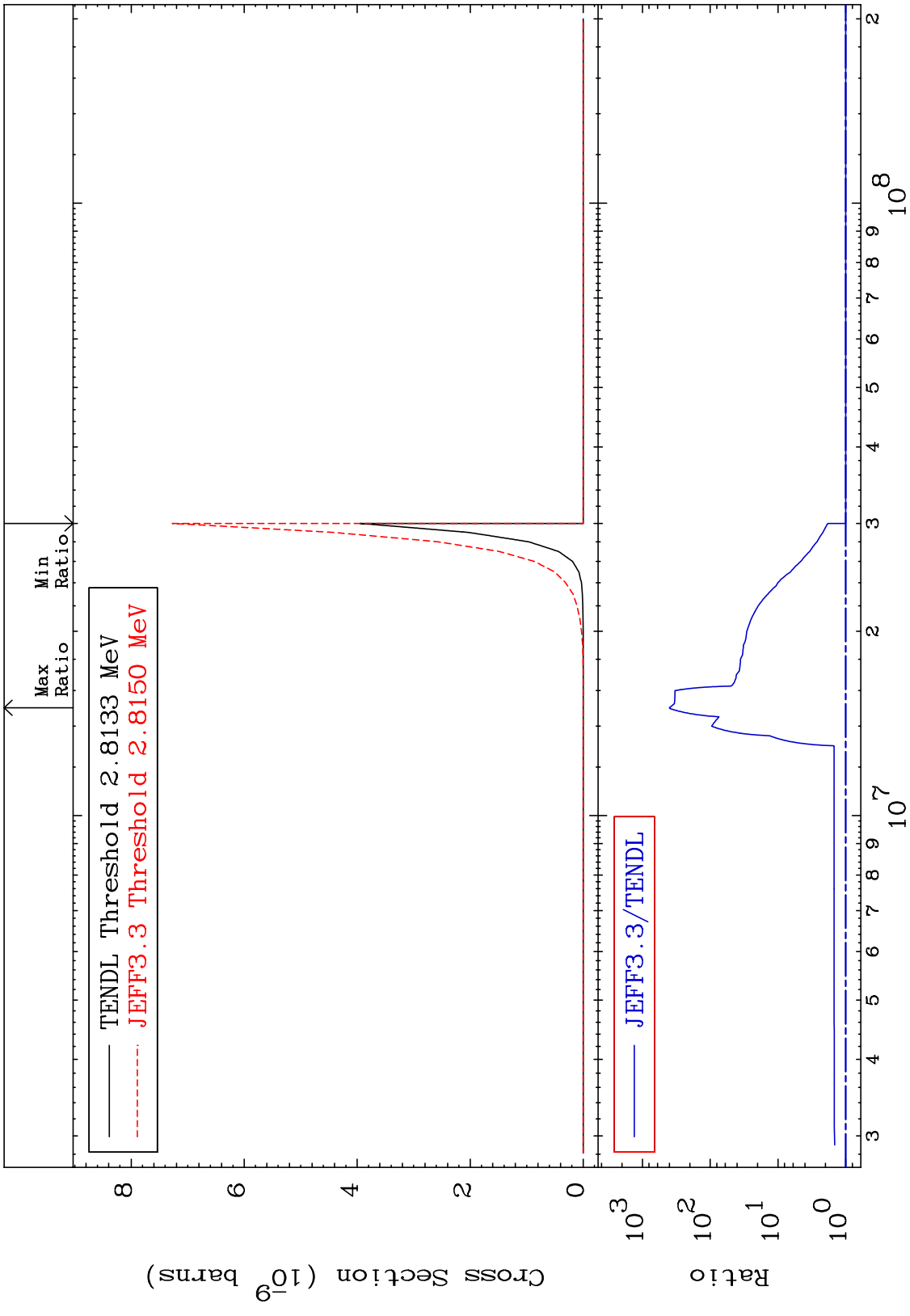
MAT 6925 Dpa disappearance (mt102 -120) 69-Tm-169
 Cross Section -85.57 To 9999. %



MAT 6925 (n,p) t 69-Tm-169
 Cross Section -17.35 To 0.000 %



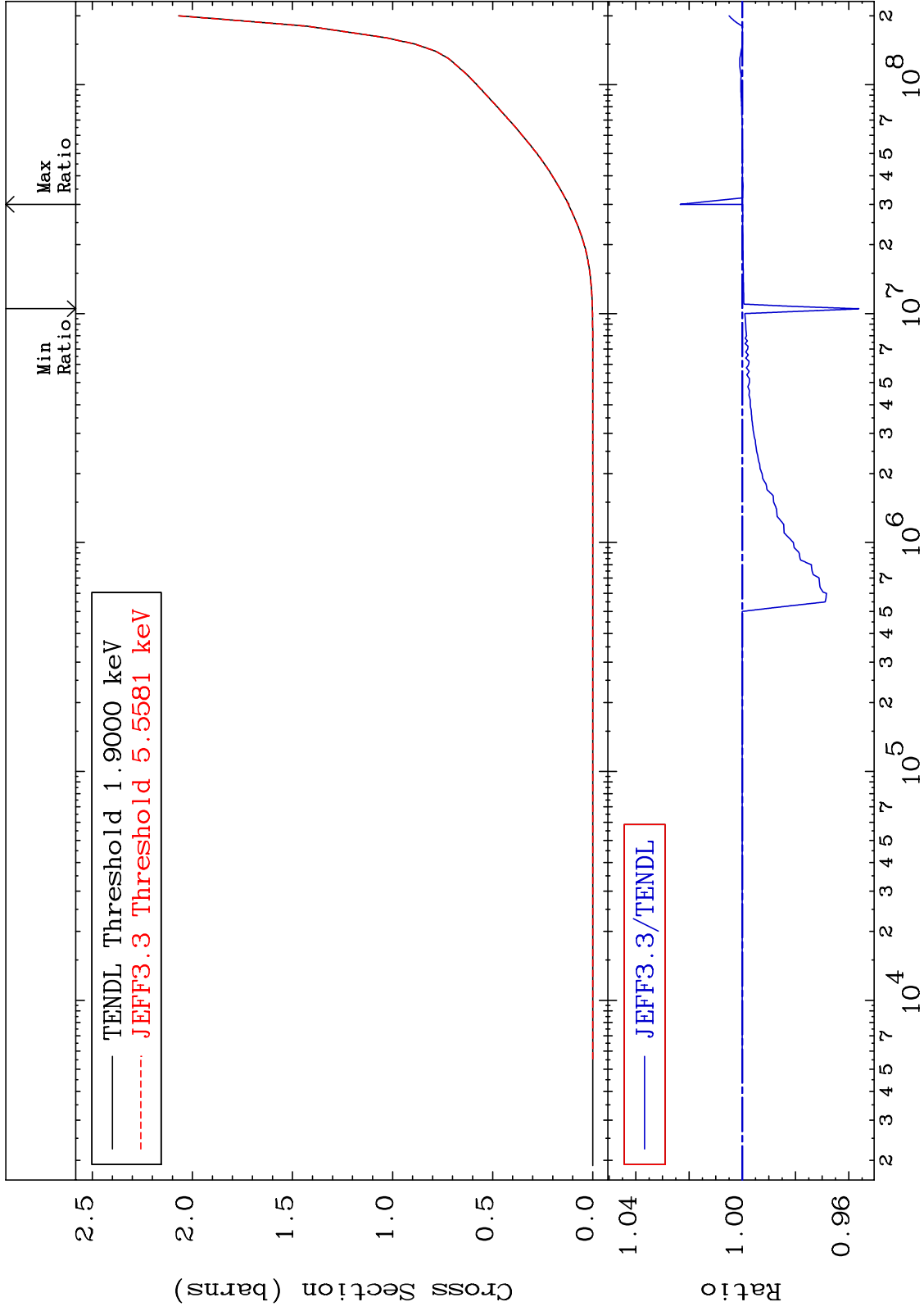
MAT 6925 (n,d) α 69-Tm-169
 Cross Section 0.000 To 9999. %



MAT 6925

Hydrogen Production Cross Section

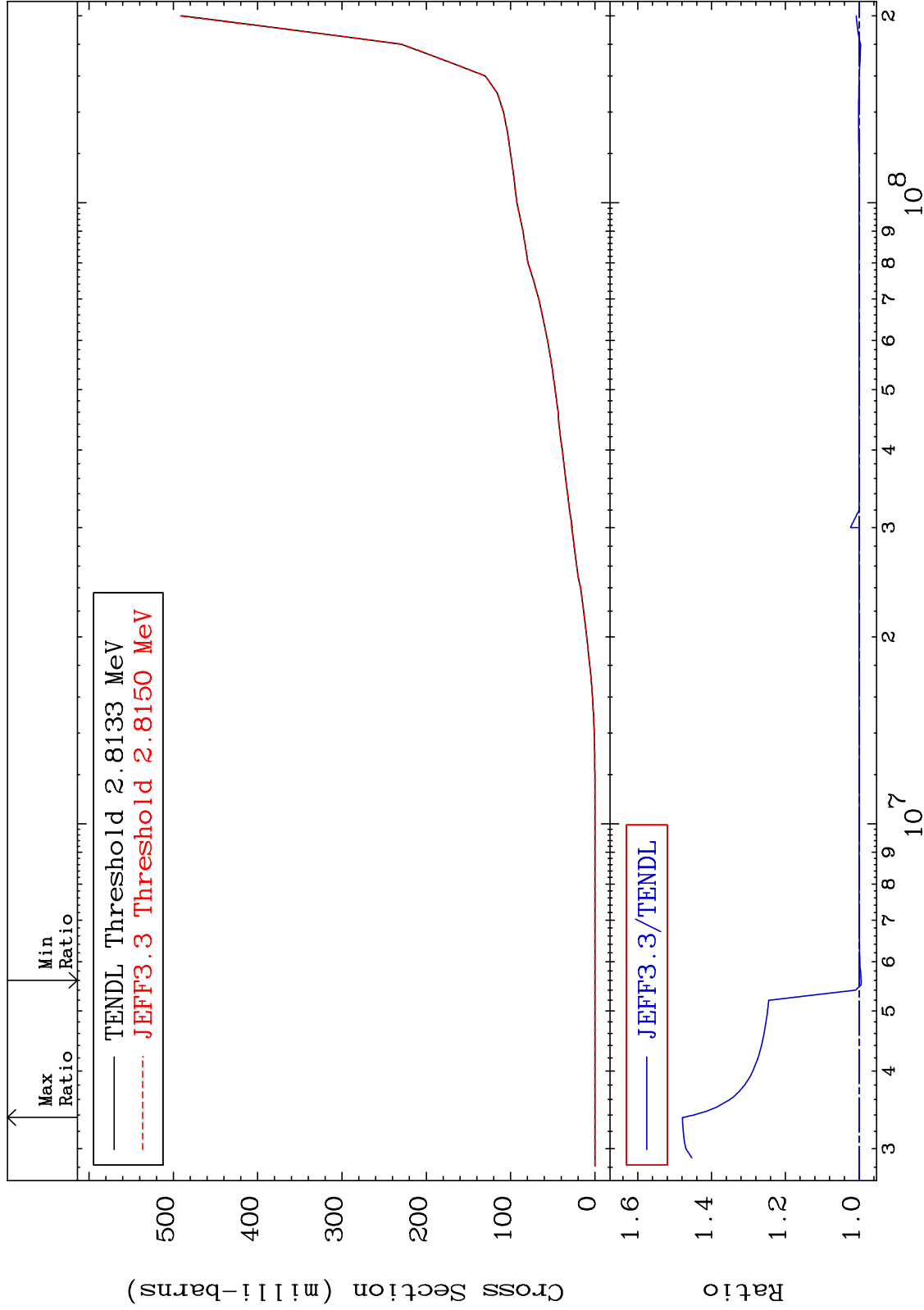
69-Tm-169
-4.380 To 2.332 %



MAT 6925

Deuterium Production
Cross Section

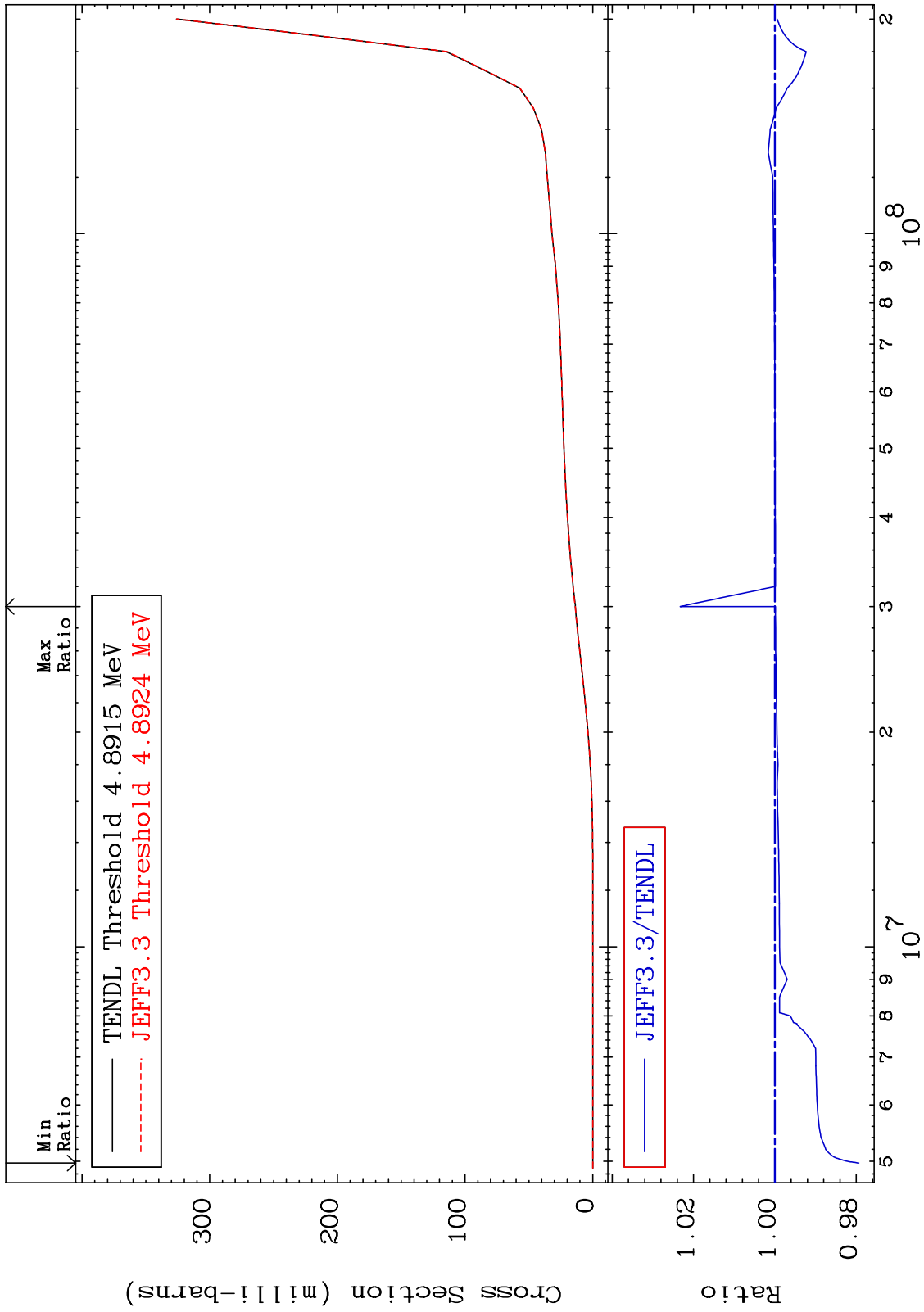
69-Tm-169
-0.598 To 47.87 %



MAT 6925

Tritium Production
Cross Section

69-Tm-169
-2.065 To 2.326 %



64

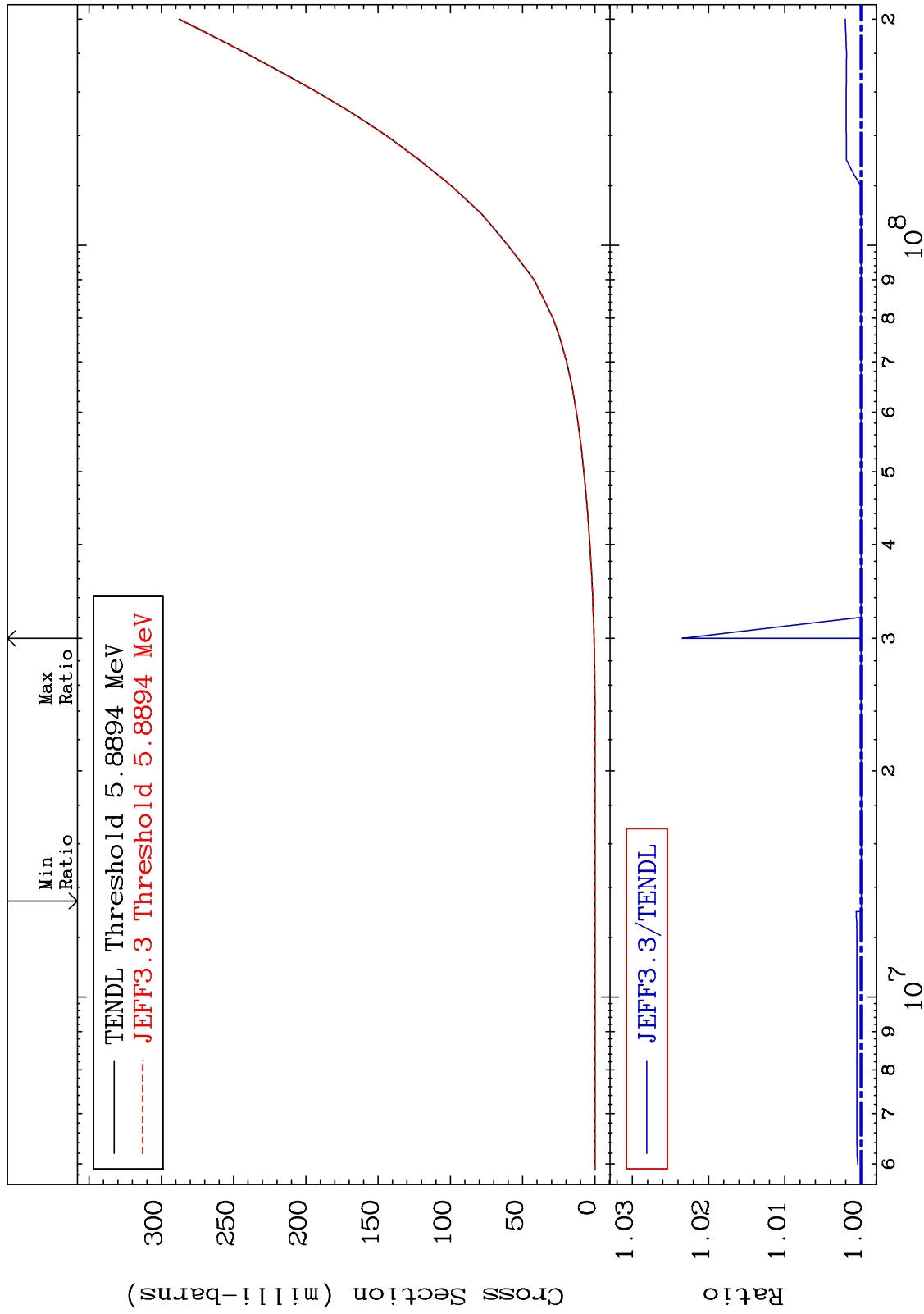
Incident Energy (eV)

69-Tm-169

MAT 6925

He-3 Production
Cross Section

69-Tm-169
-0.004 To 2.342 %



65

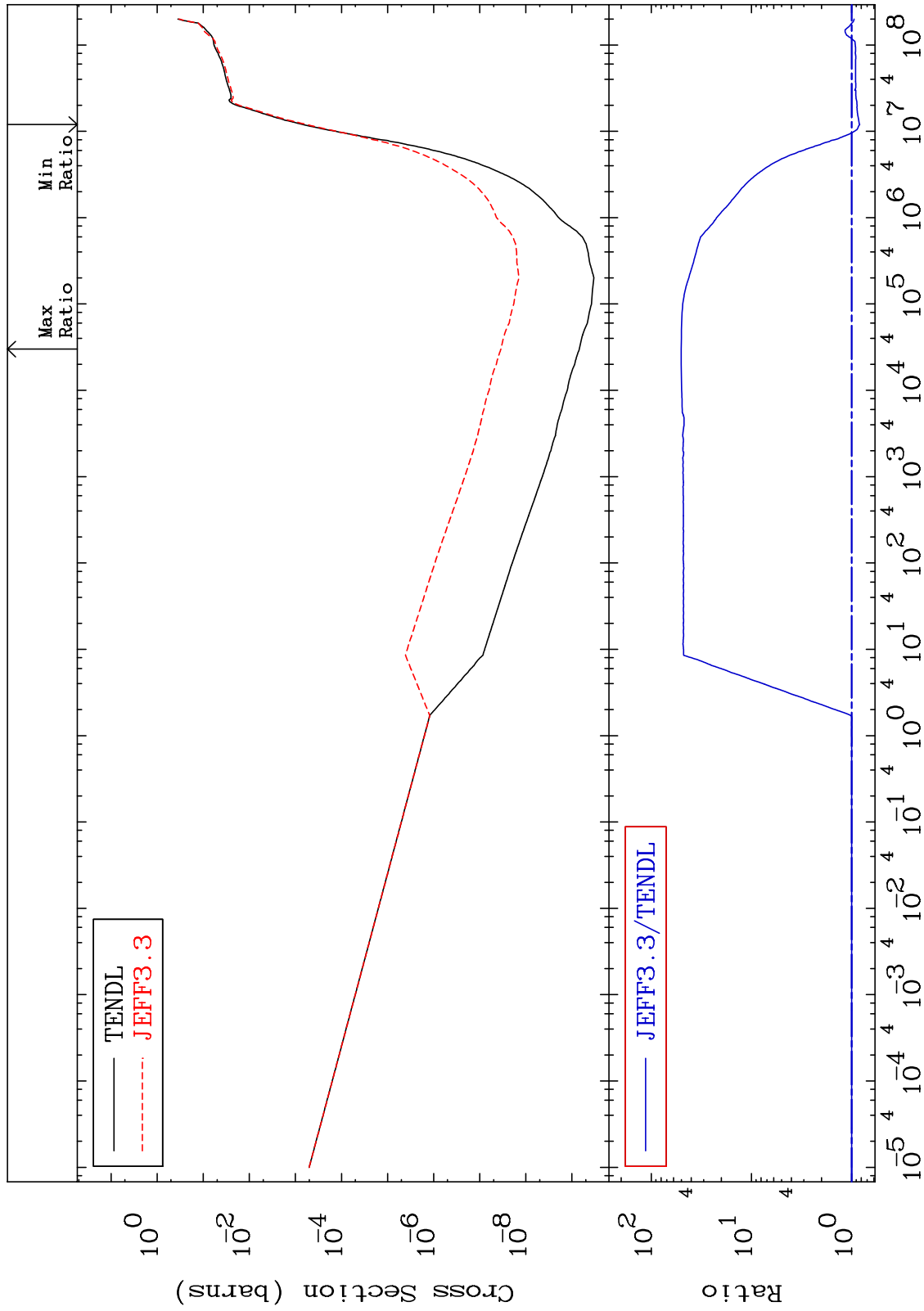
Incident Energy (eV)

69-Tm-169

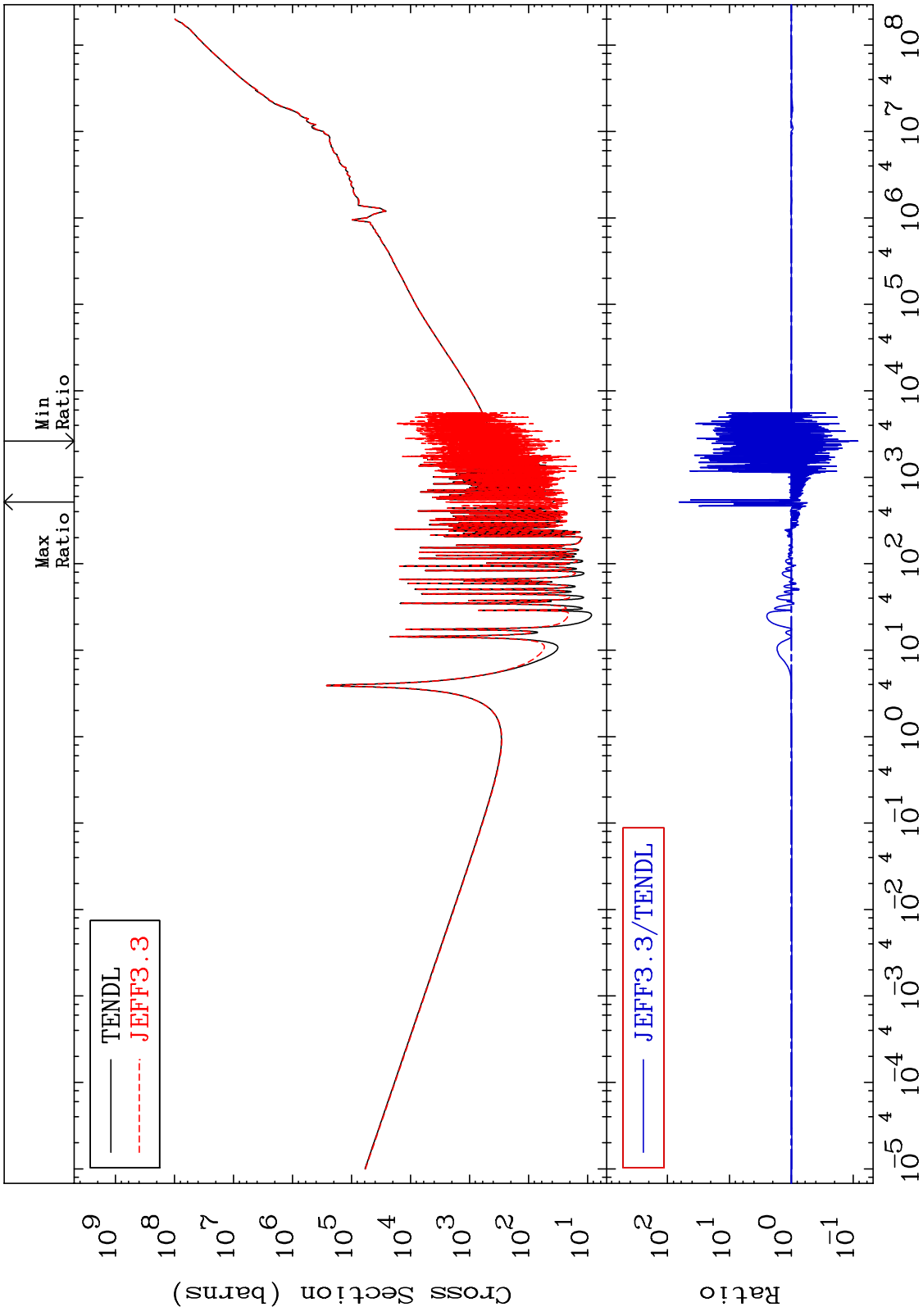
MAT 6925

He-4 Production
Cross Section

69-Tm-169
-17.10 To 4922. %



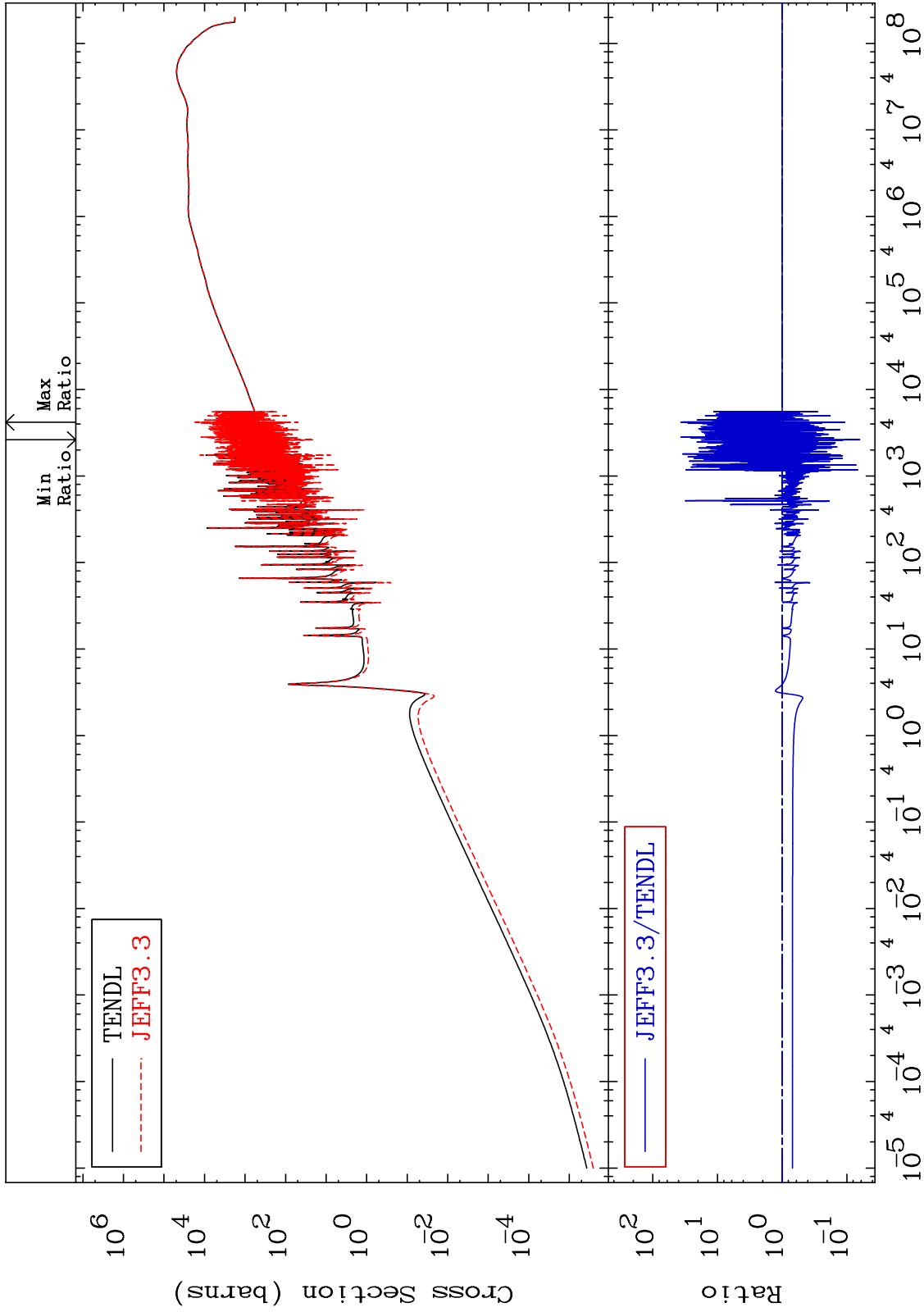
MAT 6925 Kerma total (eV-barns) 69-Tm-169
Cross Section -91.59 To 6403. %



MAT 6925

Kerma elastic
Cross Section

69-Tm-169
-93.67 To 3584. %

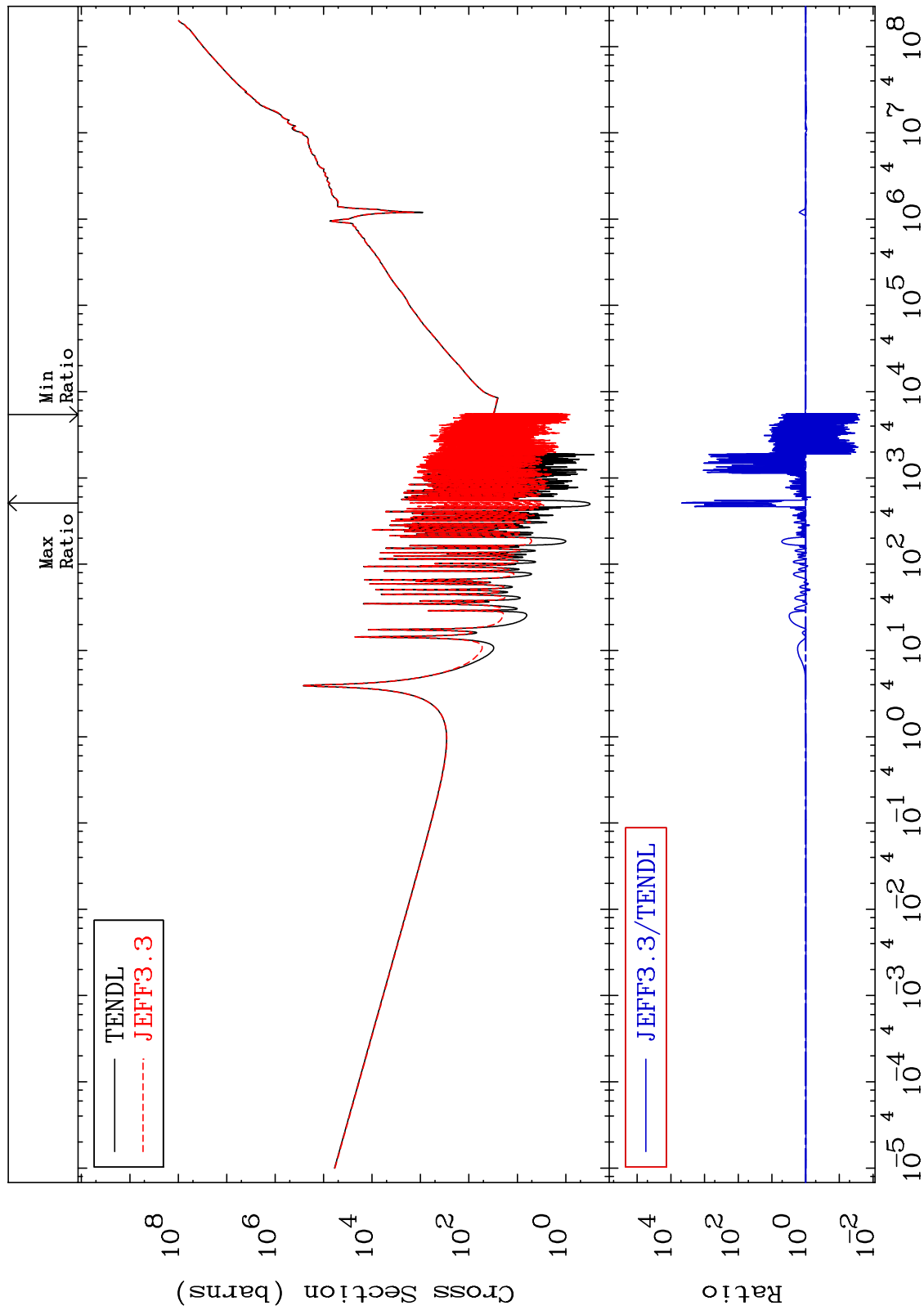


68

Incident Energy (eV)

69-Tm-169

MAT 6925 Kerma non-elastic (all but mt2) 69-Tm-169
 Cross Section -97.53 To 9999. %

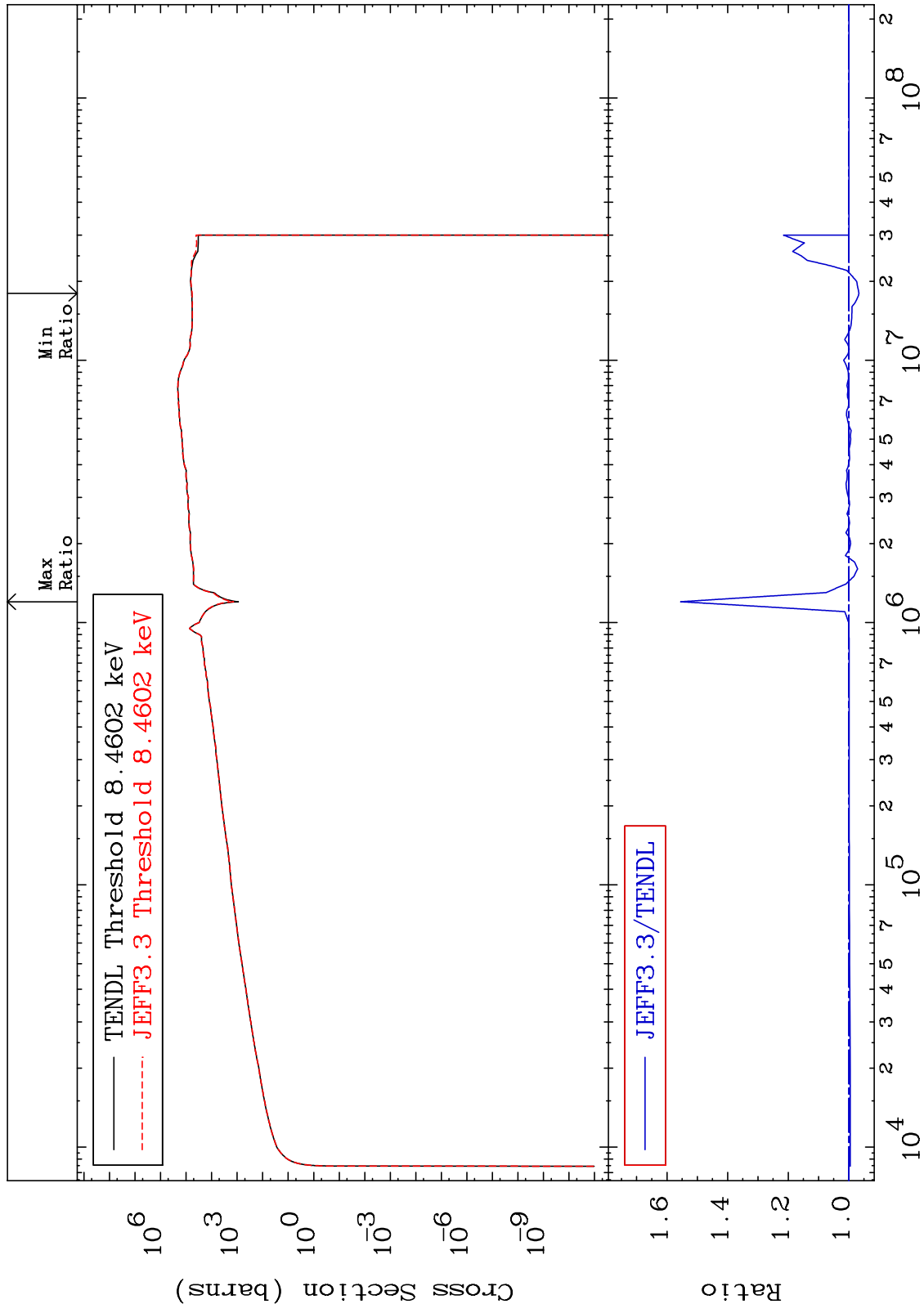


69 Incident Energy (eV) 69-Tm-169

MAT 6925

Kerma inelastic (mt51-91)
Cross Section

69-Tm-169
-3.339 To 55.48 %



70

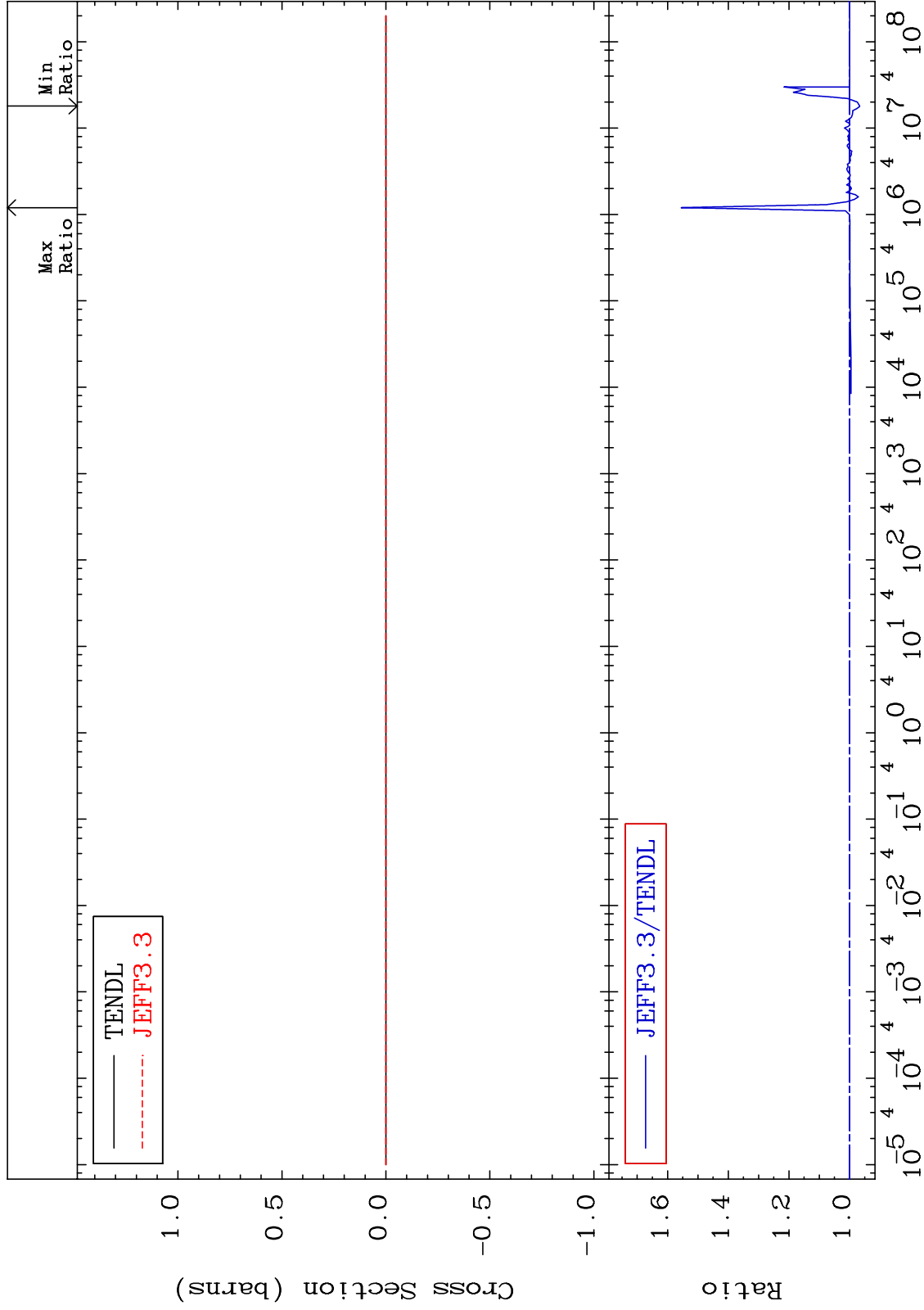
Incident Energy (eV)

69-Tm-169

MAT 6925

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

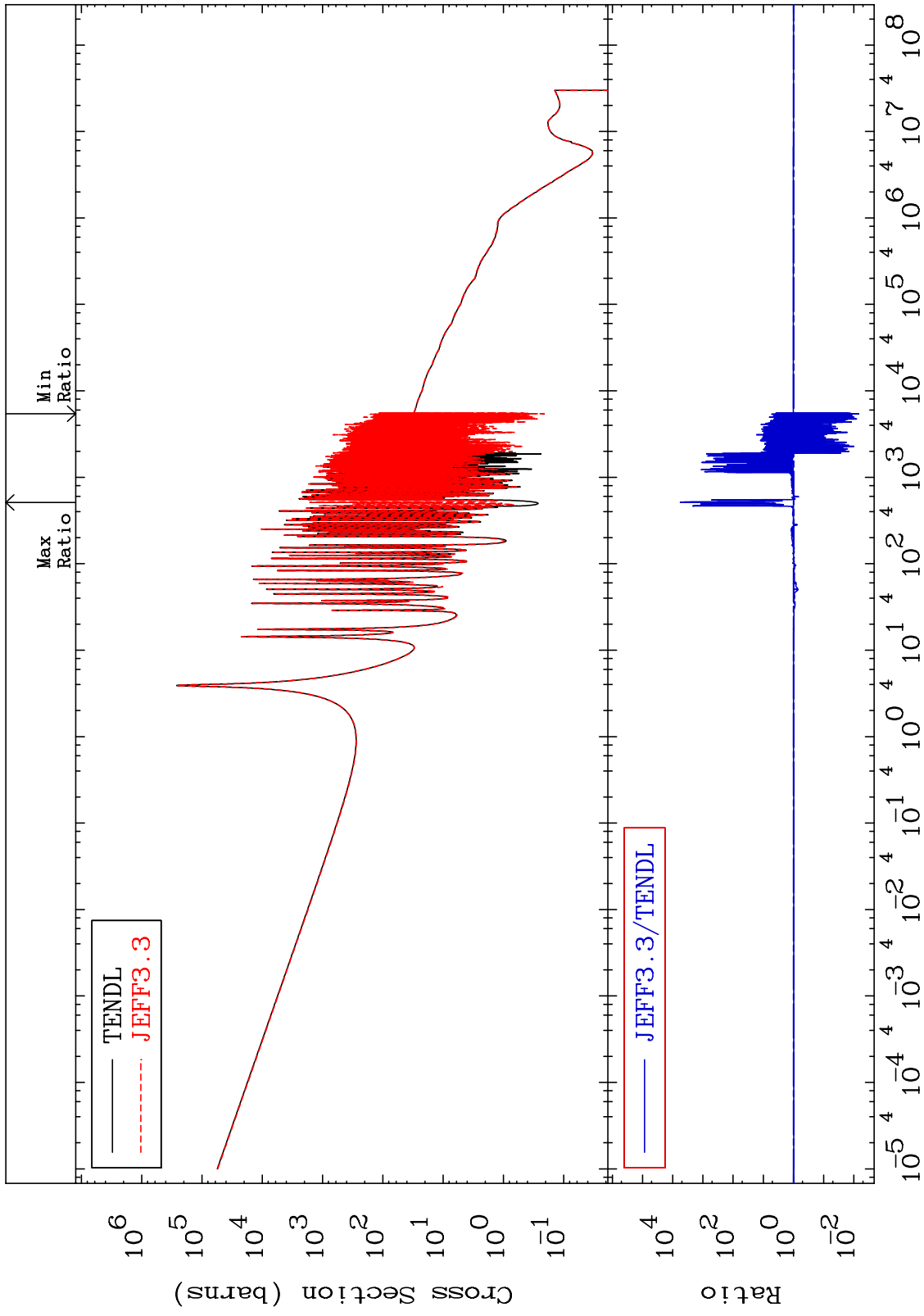
69-Tm-169
-3.339 To 55.48 %



MAT 6925

Kerma capture (mt102)
Cross Section

69-Tm-169
-99.32 To 9999. %

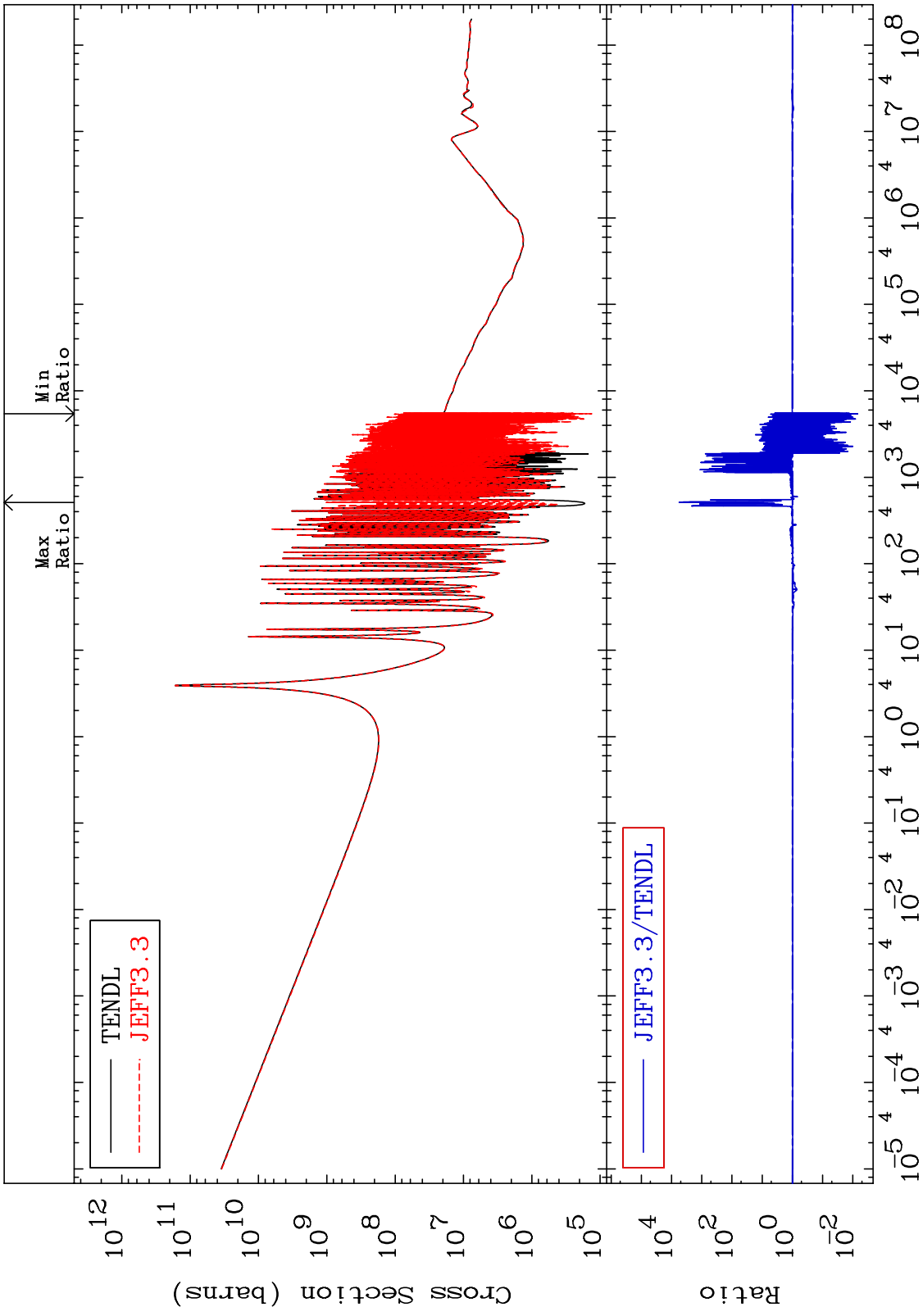


72

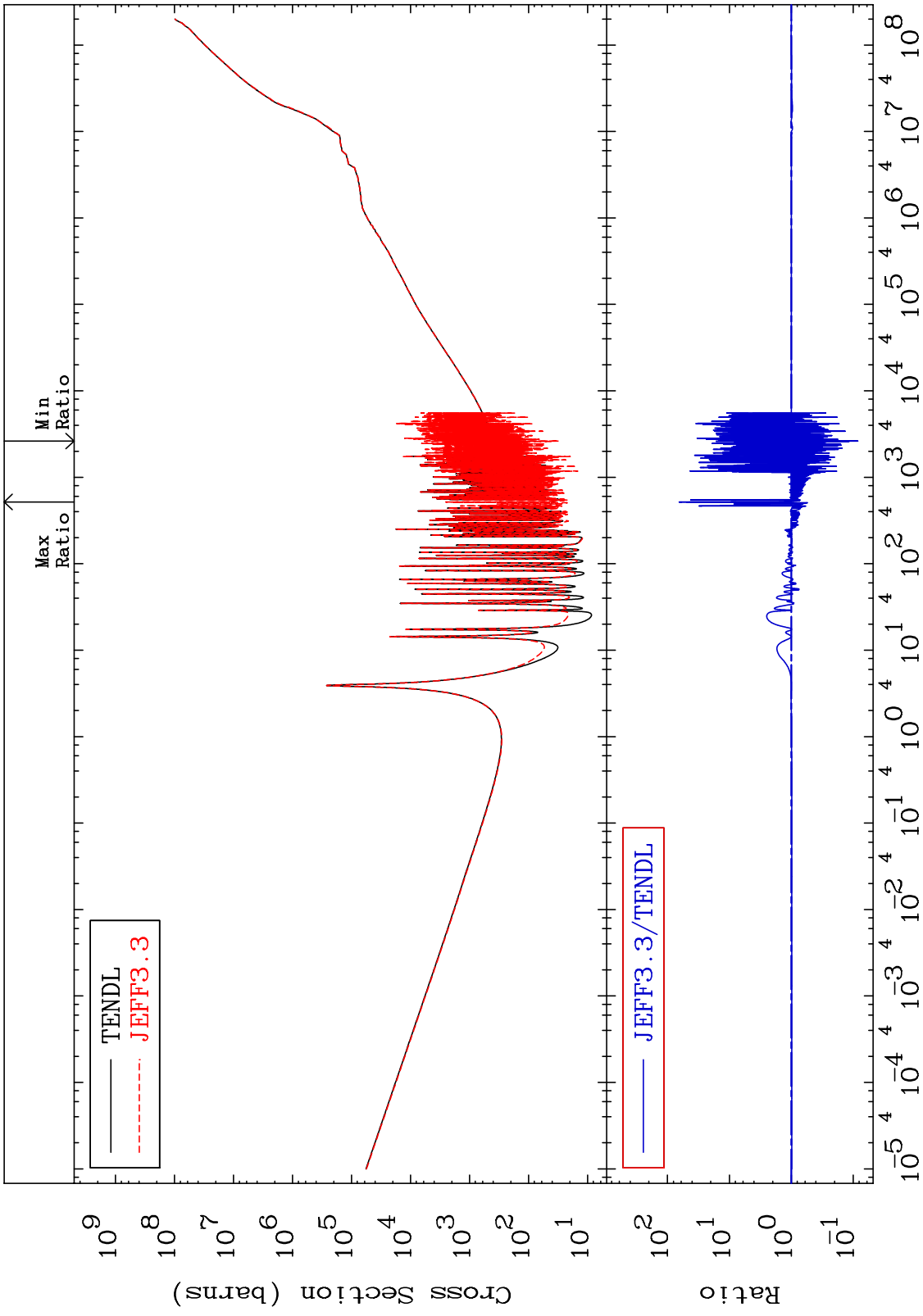
Incident Energy (eV)

69-Tm-169

MAT 6925 69-Tm-169
Total photon (eV-barns) Cross Section -99.32 To 9999. %



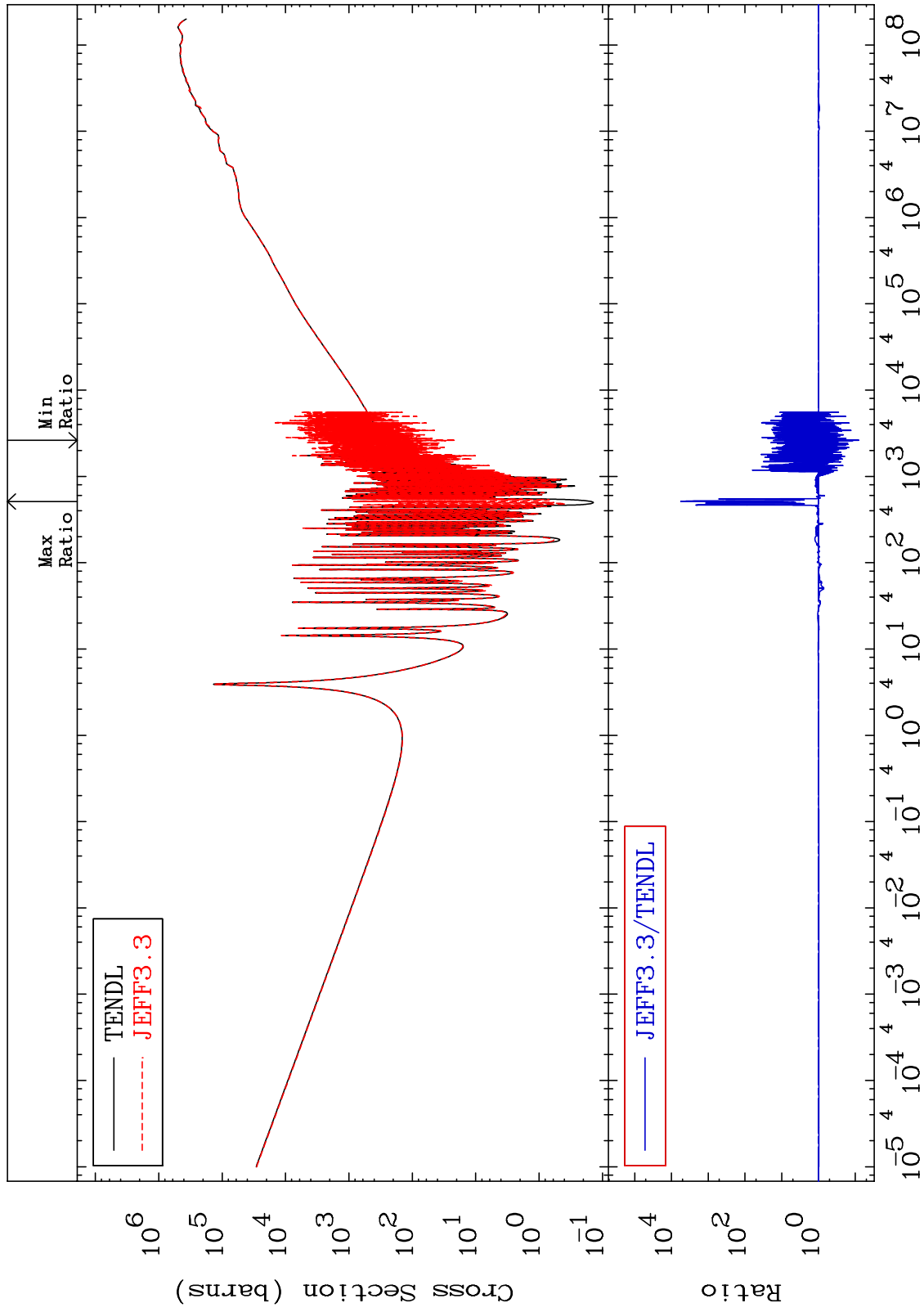
MAT 6925 Total kinematic kerma (high limit) 69-Tm-169
 Cross Section -91.58 To 6403. %



MAT 6925

Dpa total (eV-barns)
Cross Section

69-Tm-169
-92.09 To 9999. %



75

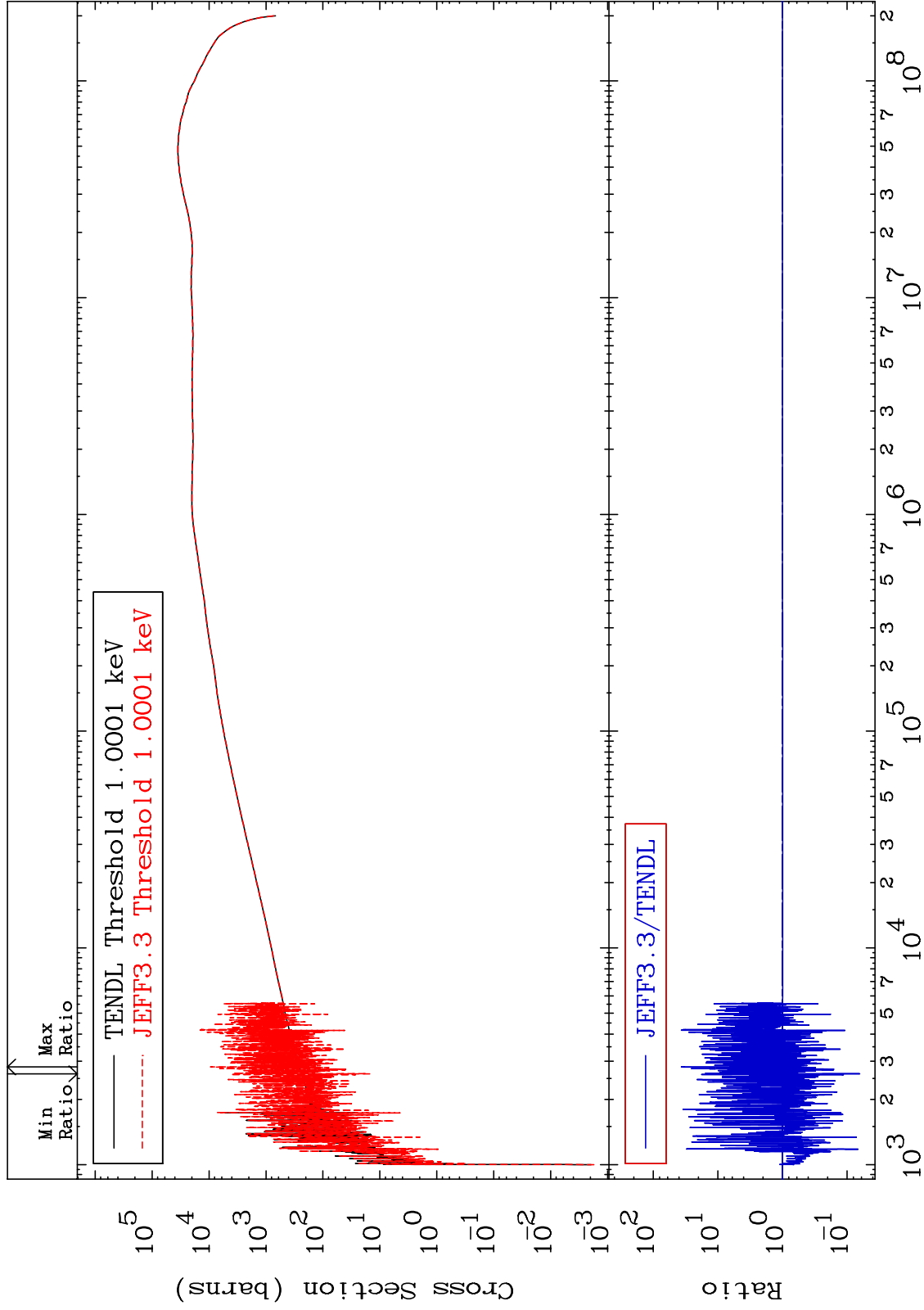
Incident Energy (eV)

69-Tm-169

MAT 6925

Dpa elastic (mt2)
Cross Section

69-Tm-169
-93.62 To 3597. %

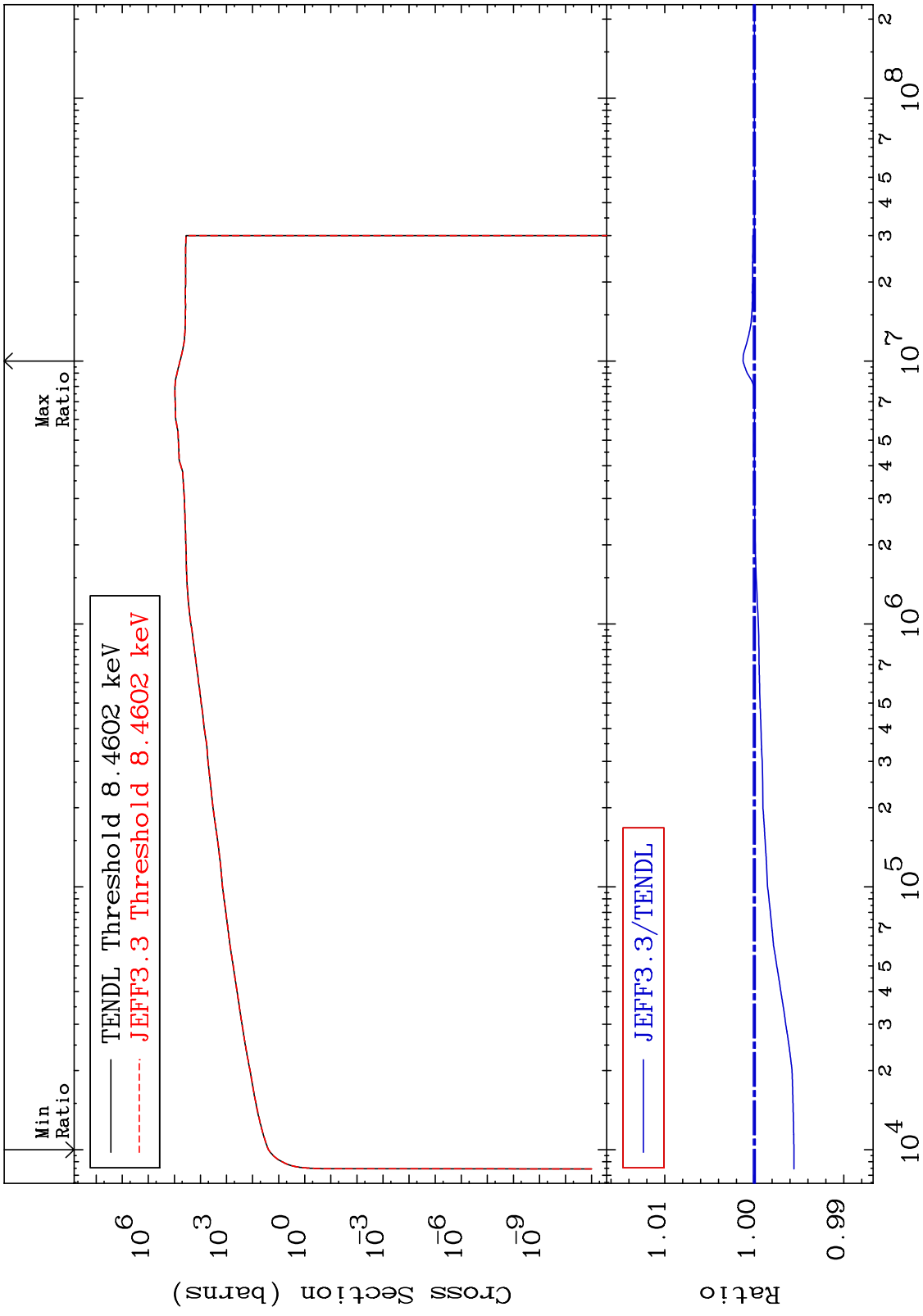


76

Incident Energy (eV)

69-Tm-169

MAT 6925 Dpa inelastic (mt51-91) 69-Tm-169
 Cross Section -0.443 To 0.127 %

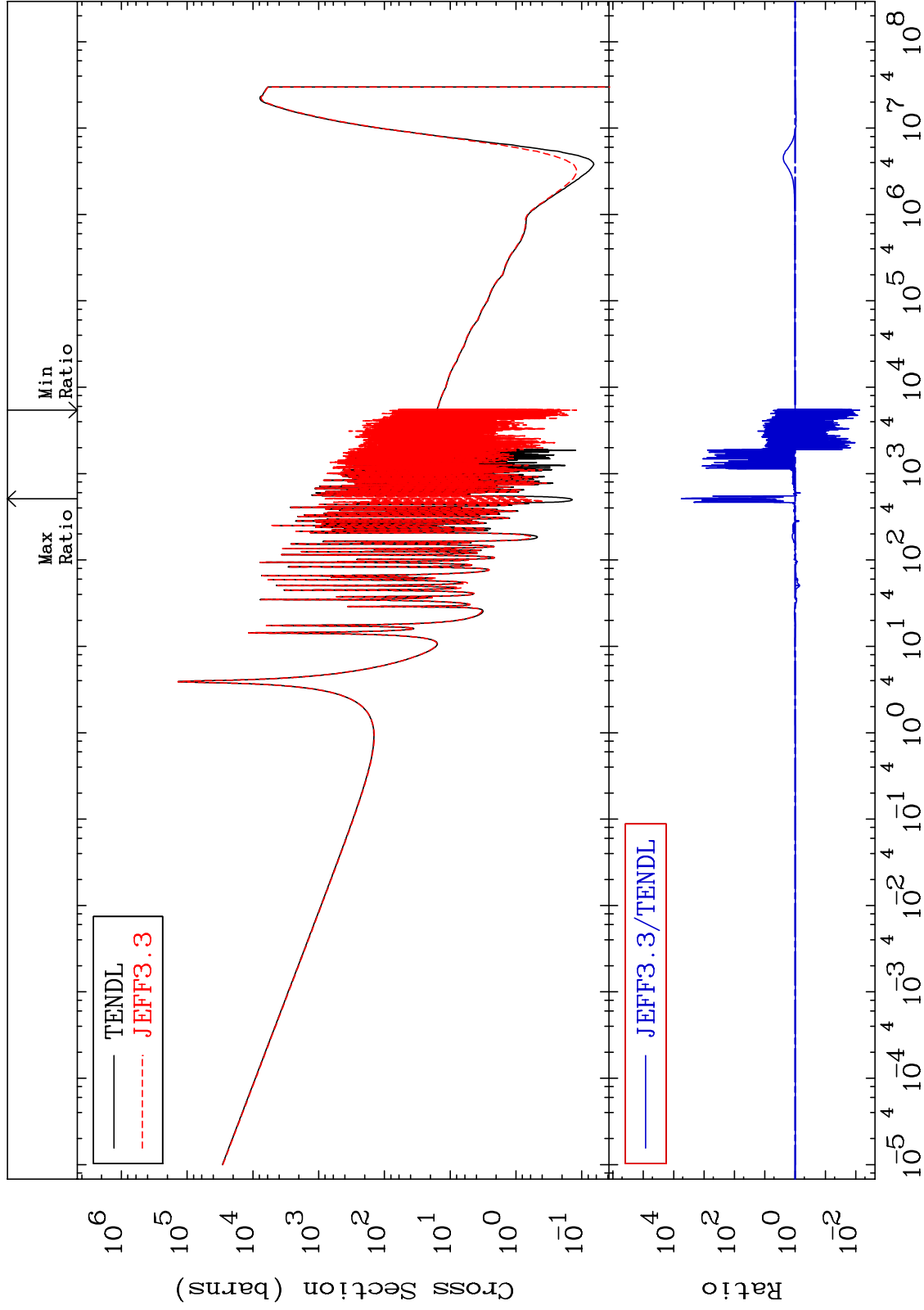


77 Incident Energy (eV) 69-Tm-169

MAT 6925

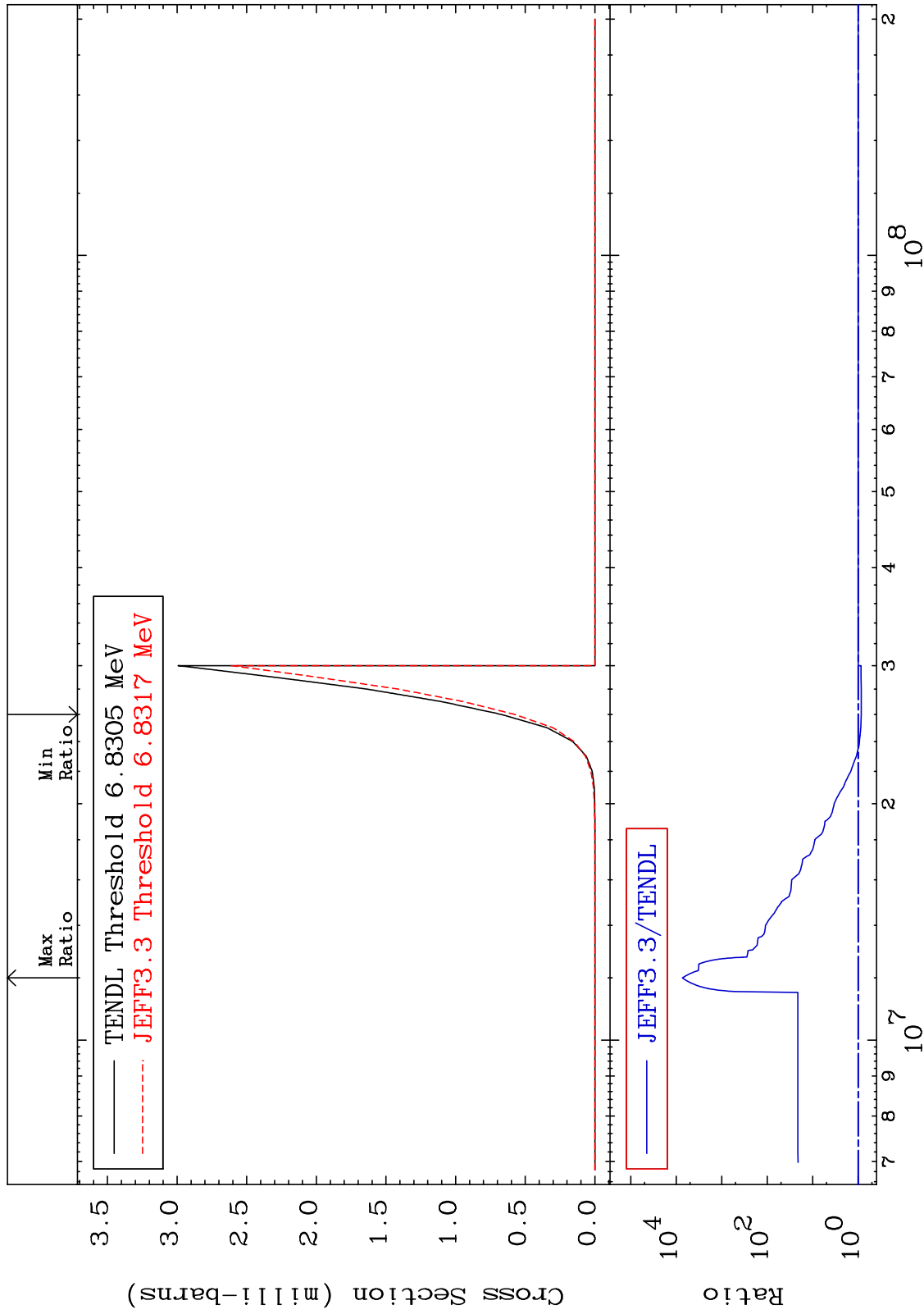
Dpa disappearance (mt102 -120)
Cross Section

69-Tm-169
-99.26 To 9999. %



MAT 6925

(n,2n) α :67-Ho-164g 69-Tm-169
Radionuclide Production Cross Section -14.28 To 9999. %



79

Incident Energy (eV)

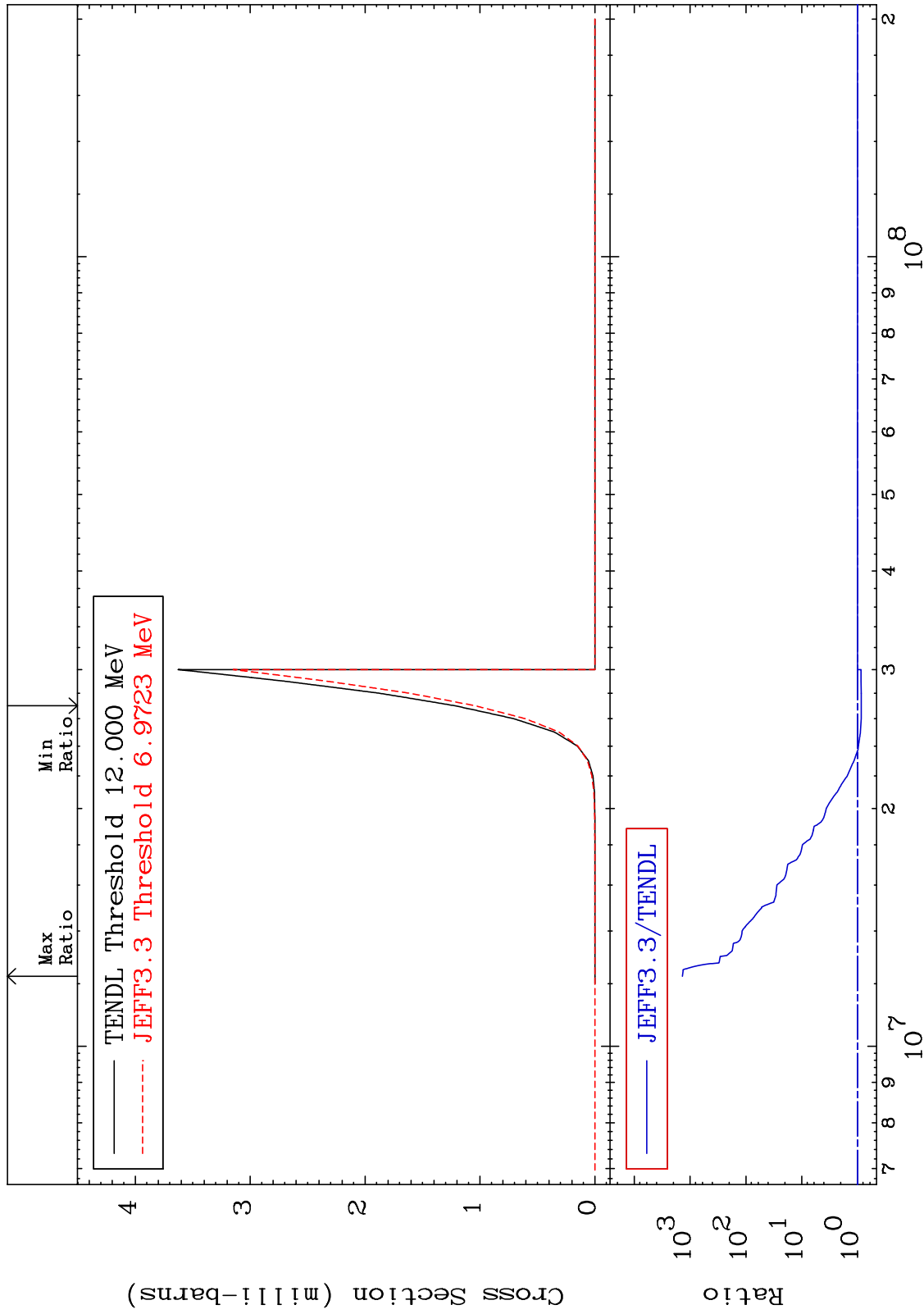
69-Tm-169

MAT 6925

(n,2n) α :67-Ho-164m3

69-Tm-169

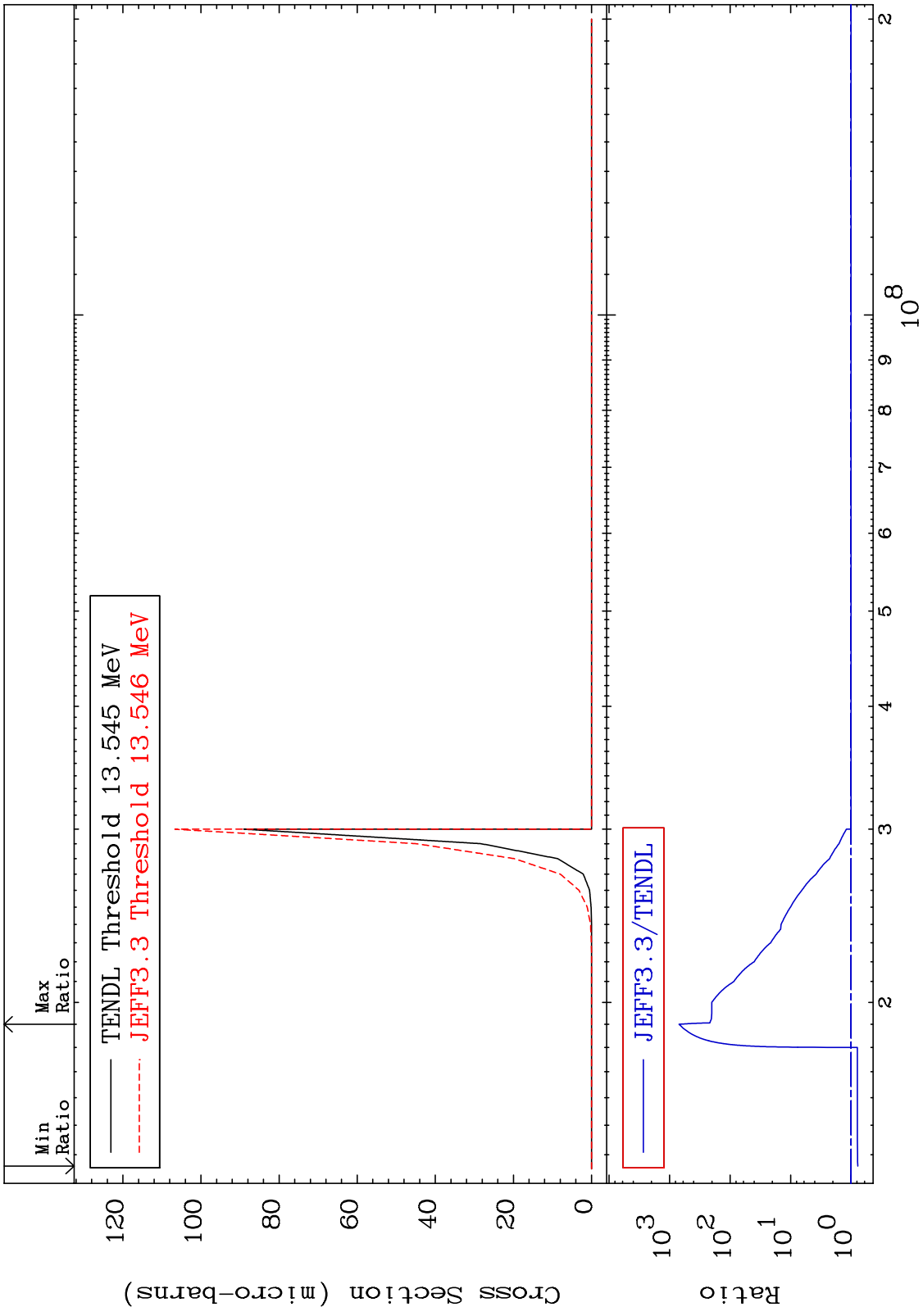
Radionuclide Production Cross Section -14.39 To 9999. %



80

Incident Energy (eV)

69-Tm-169

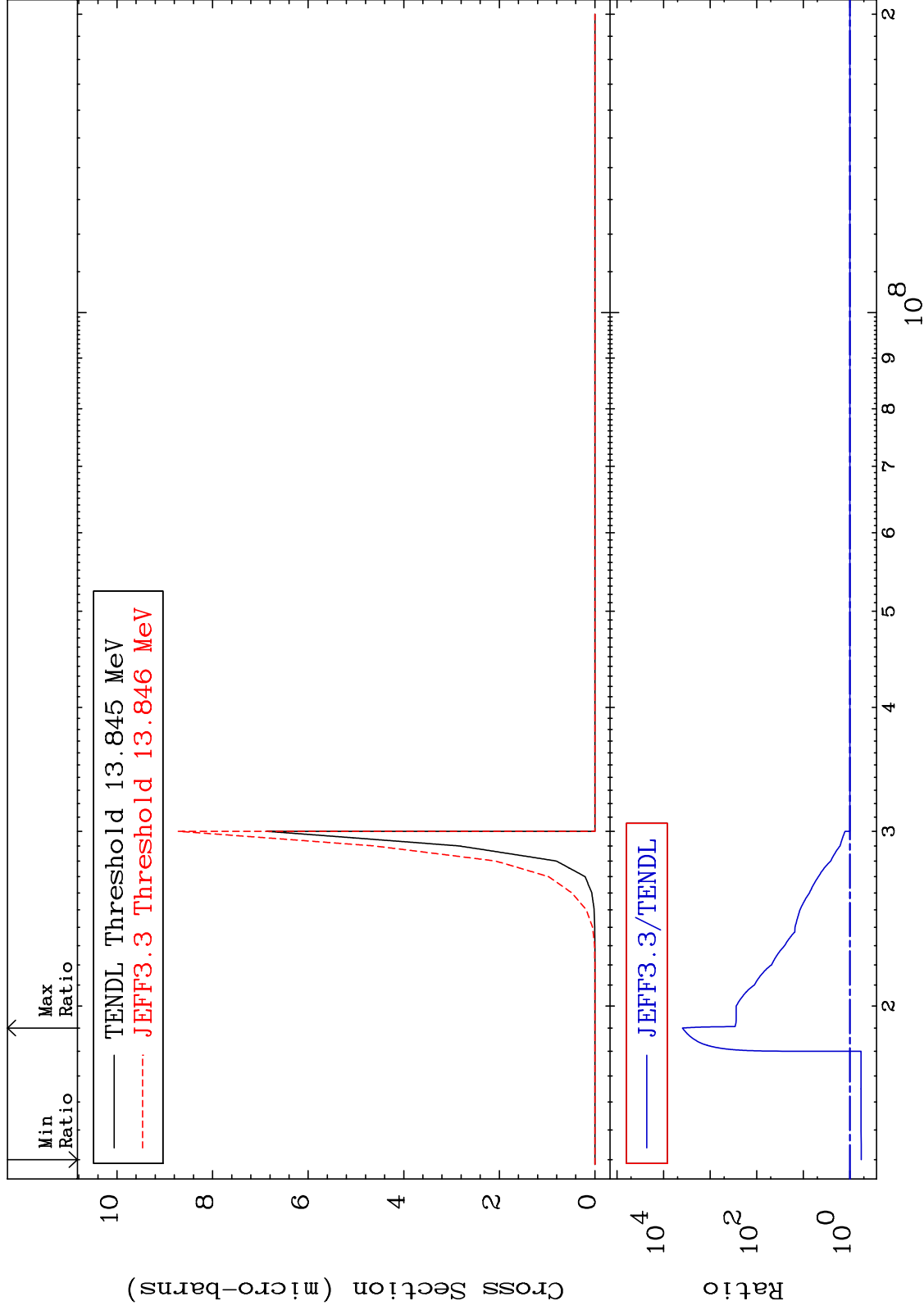


MAT 6925

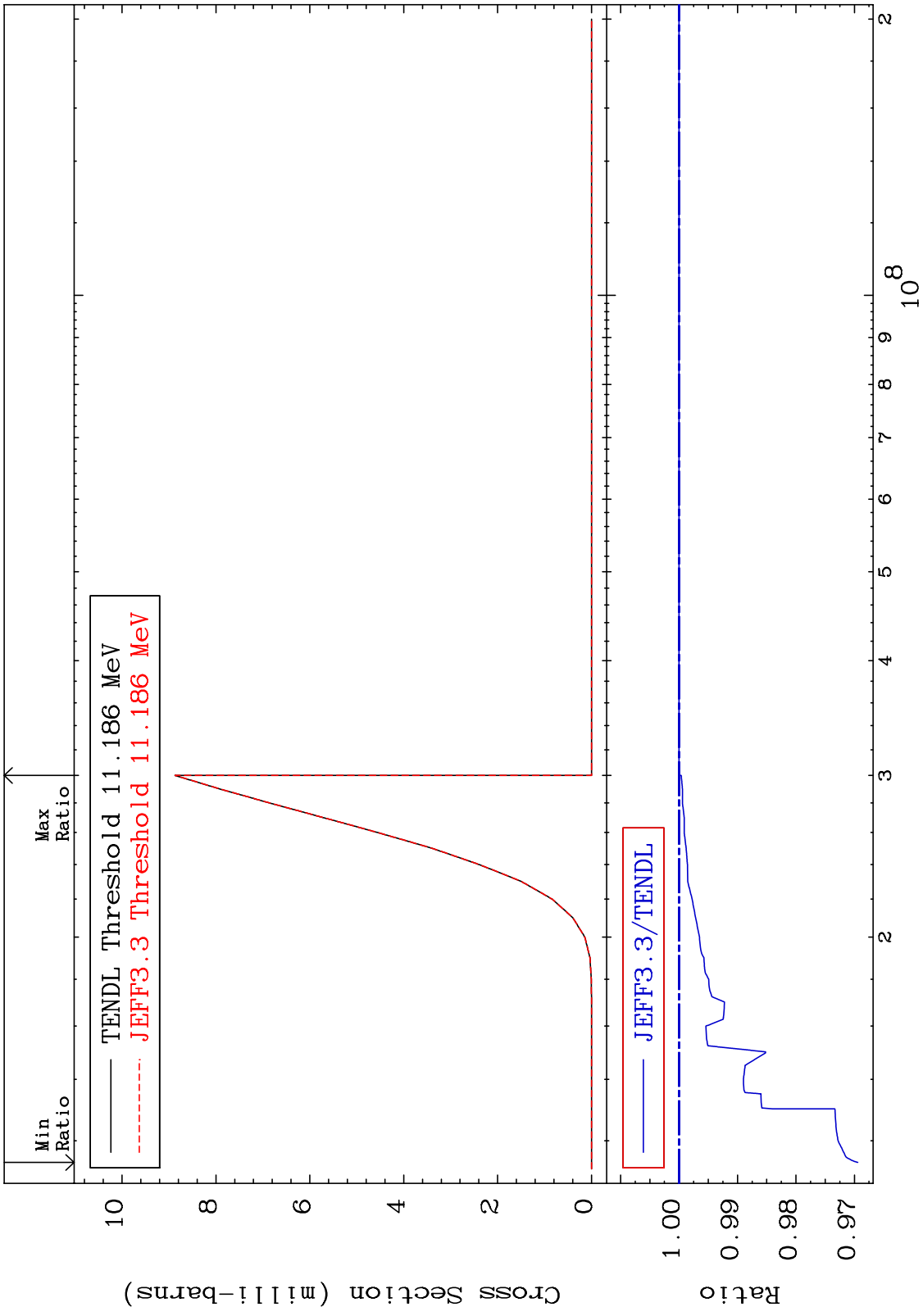
(n,3n) α : 67-Ho-163m3

69-Tm-169

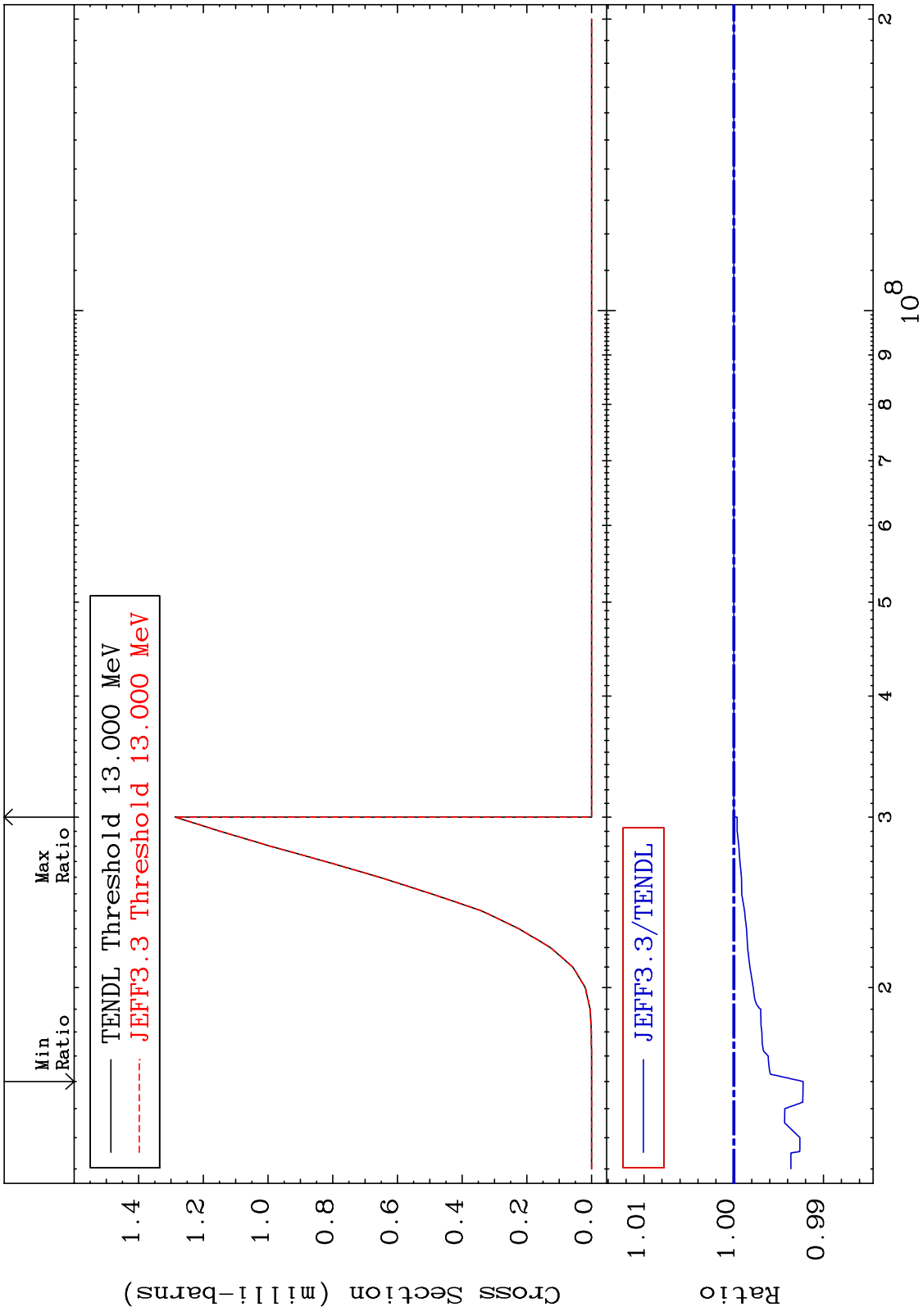
Radionuclide Production Cross Section -43.21 To 9999. %



MAT 6925 (n, n') d:68-Er-167g 69-Tm-169
 Radionuclide Production Cross Section -3.058 To 0.000 %



MAT 6925 (n,n') d:68-Er-167m3 69-Tm-169
 Radionuclide Production Cross Section -0.772 To 0.000 %

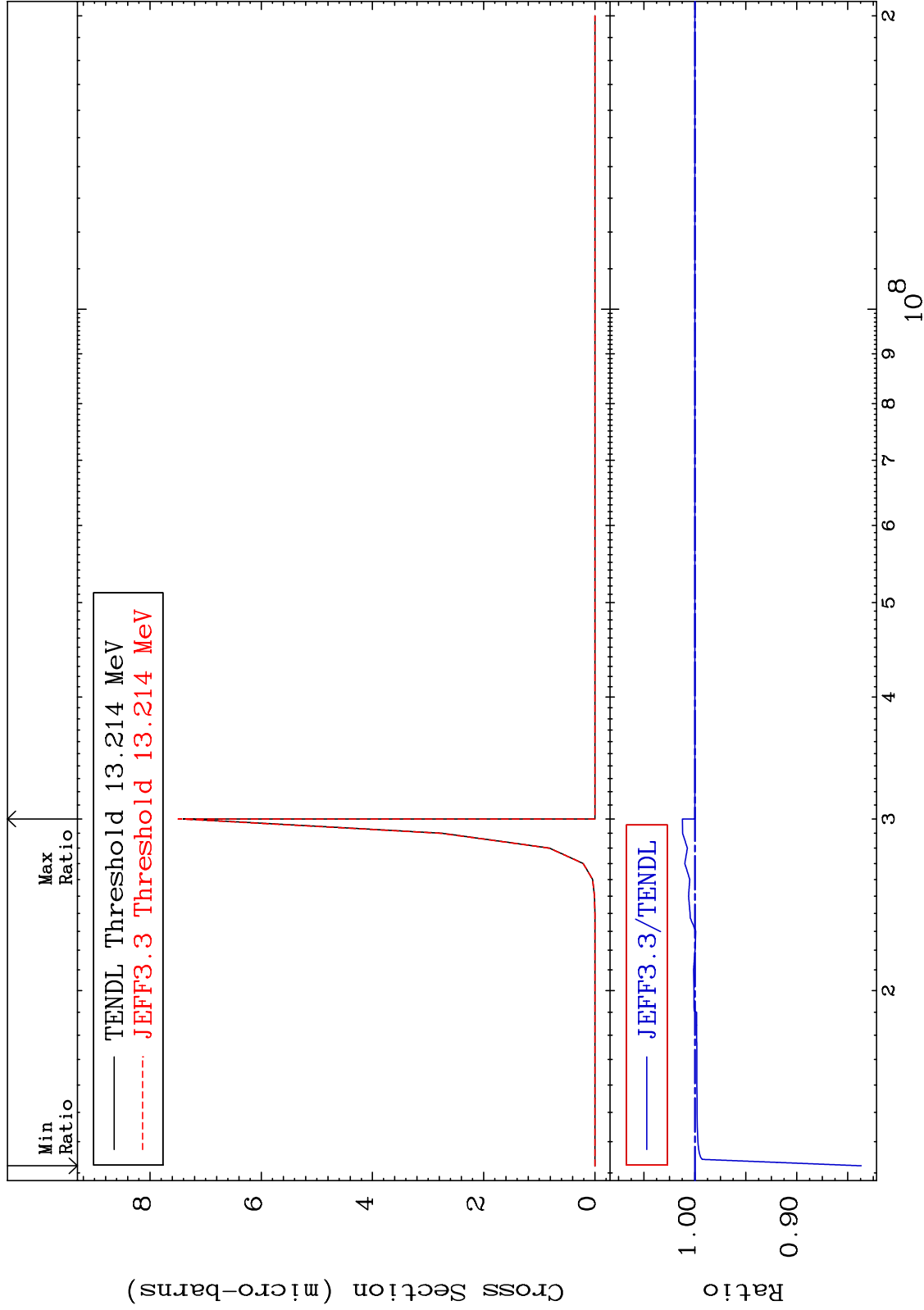


MAT 6925

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

69-Tm-169

Radionuclide Production Cross Section -16.33 To 1.222 %

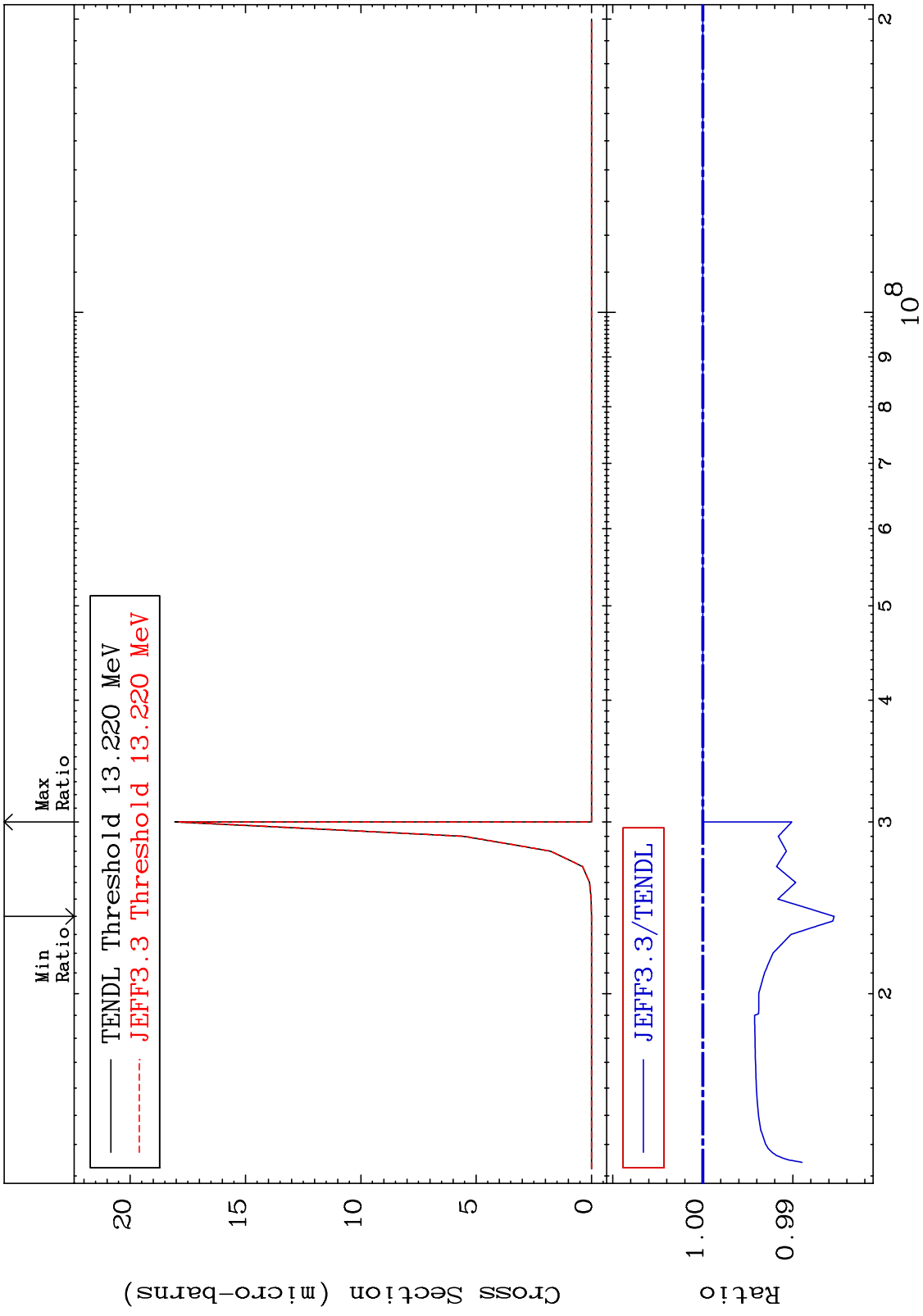


85

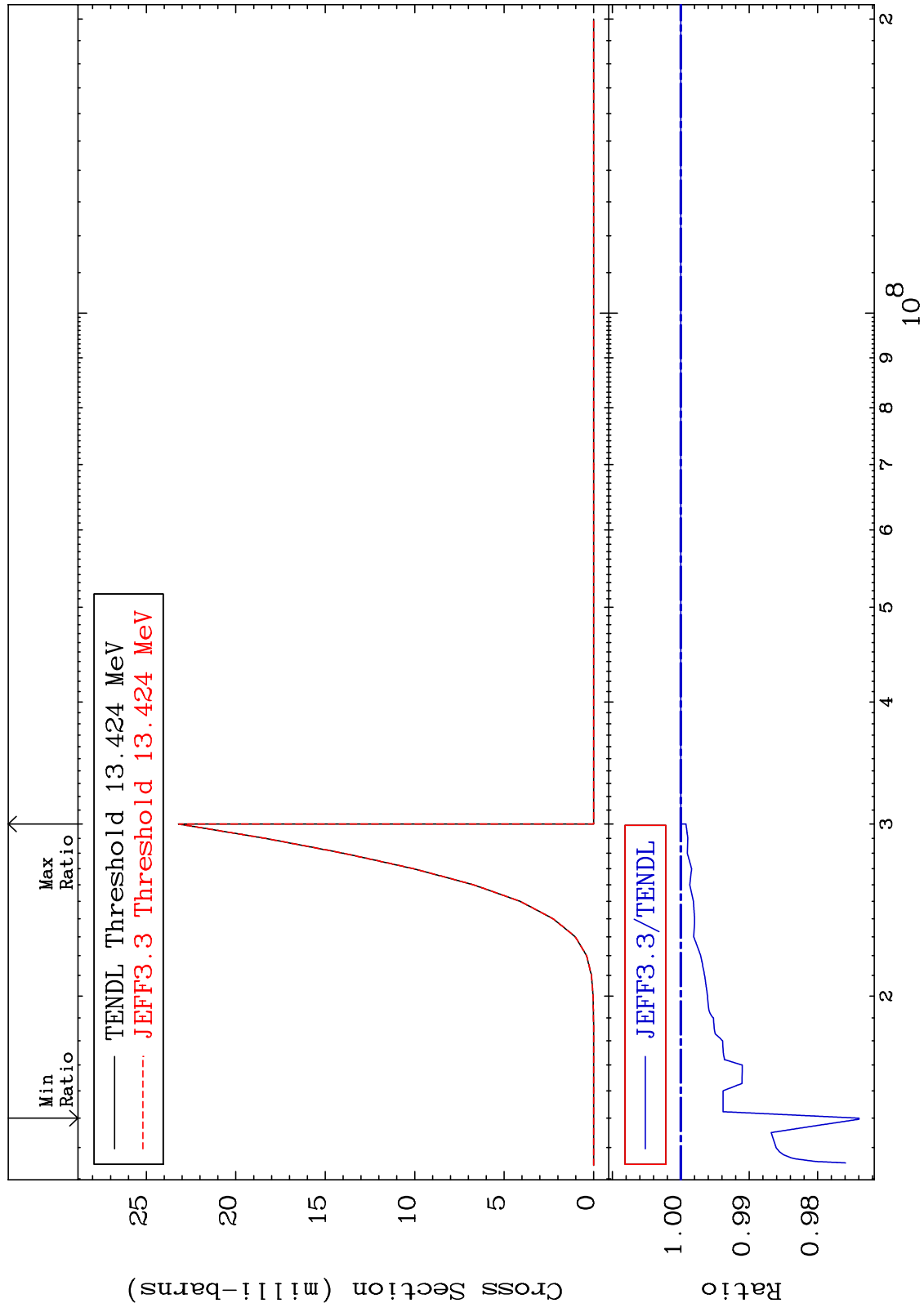
Incident Energy (eV)

69-Tm-169

MAT 6925 (n, n') He-3:67-Ho-166m1 69-Tm-169
 Radionuclide Production Cross Section -1.458 To 0.000 %



MAT 6925 (n,2n) p:68-Er-167g 69-Tm-169
Radionuclide Production Cross Section -2.605 To 0.000 %

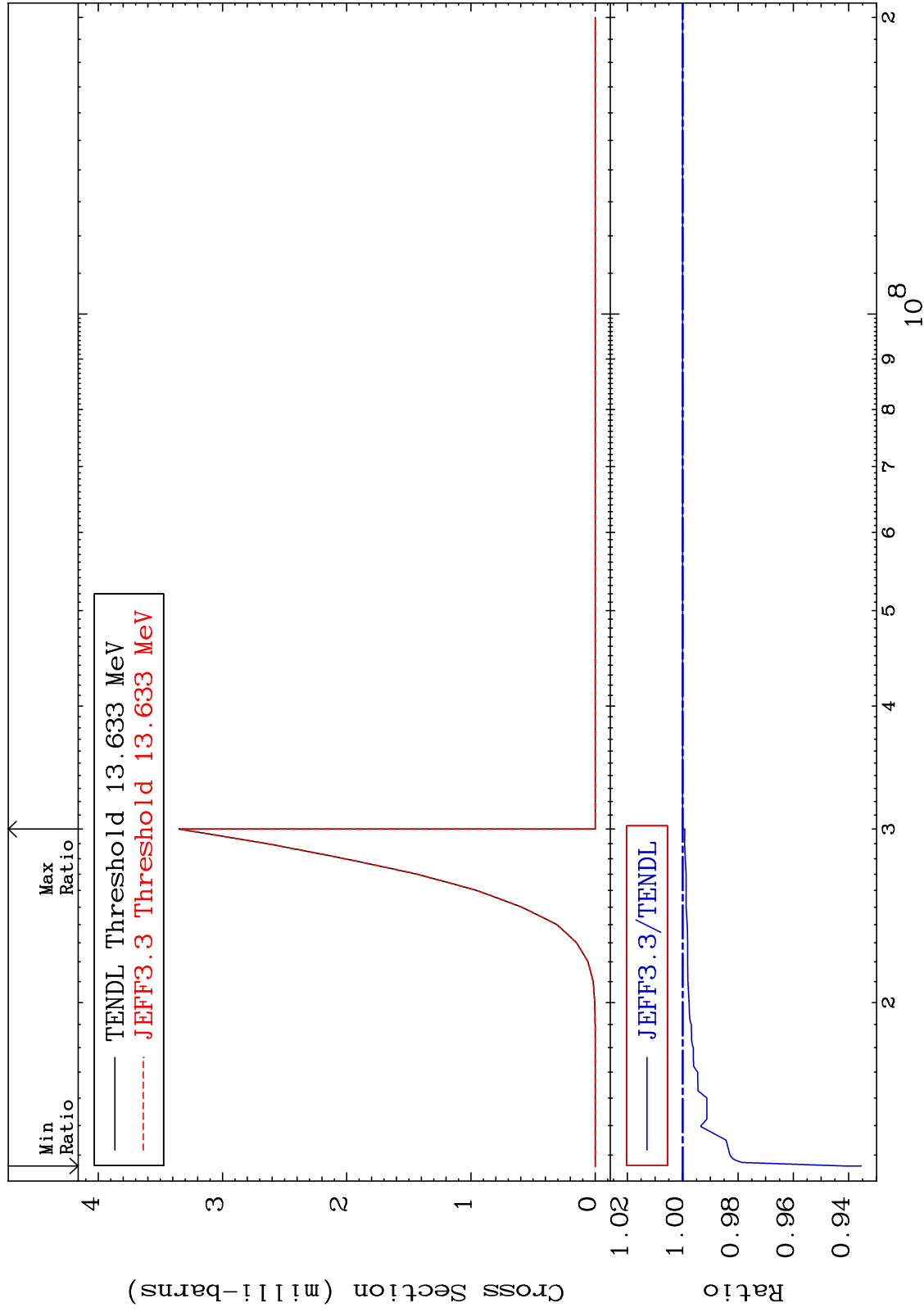


MAT 6925

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

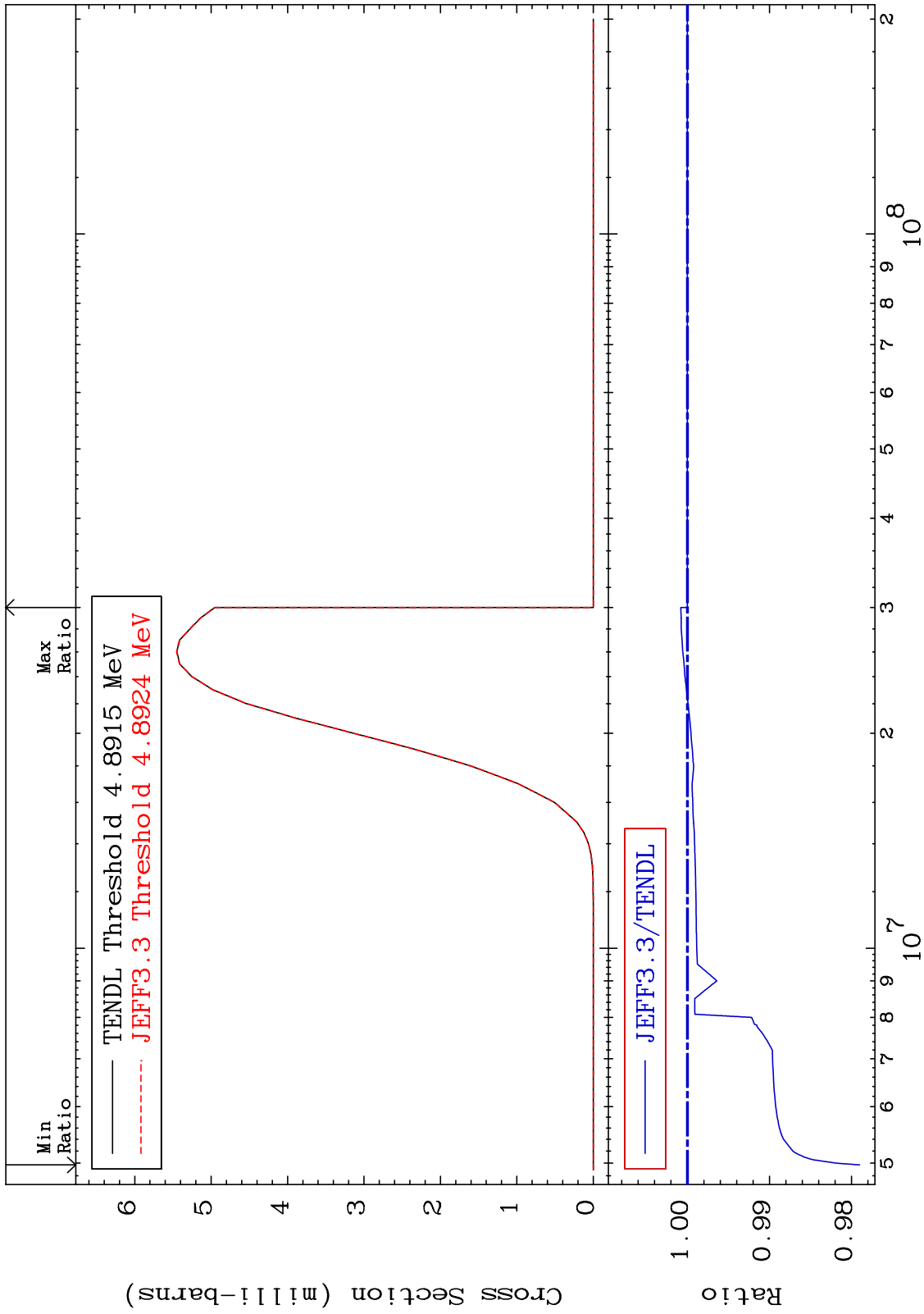
69-Tm-169

Radionuclide Production Cross Section -6.457 To 0.000 %



MAT 6925

(n, t) : 68-Er-167g 69-Tm-169
Radionuclide Production Cross Section -2.099 To 0.080 %



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Incident Energy (eV)

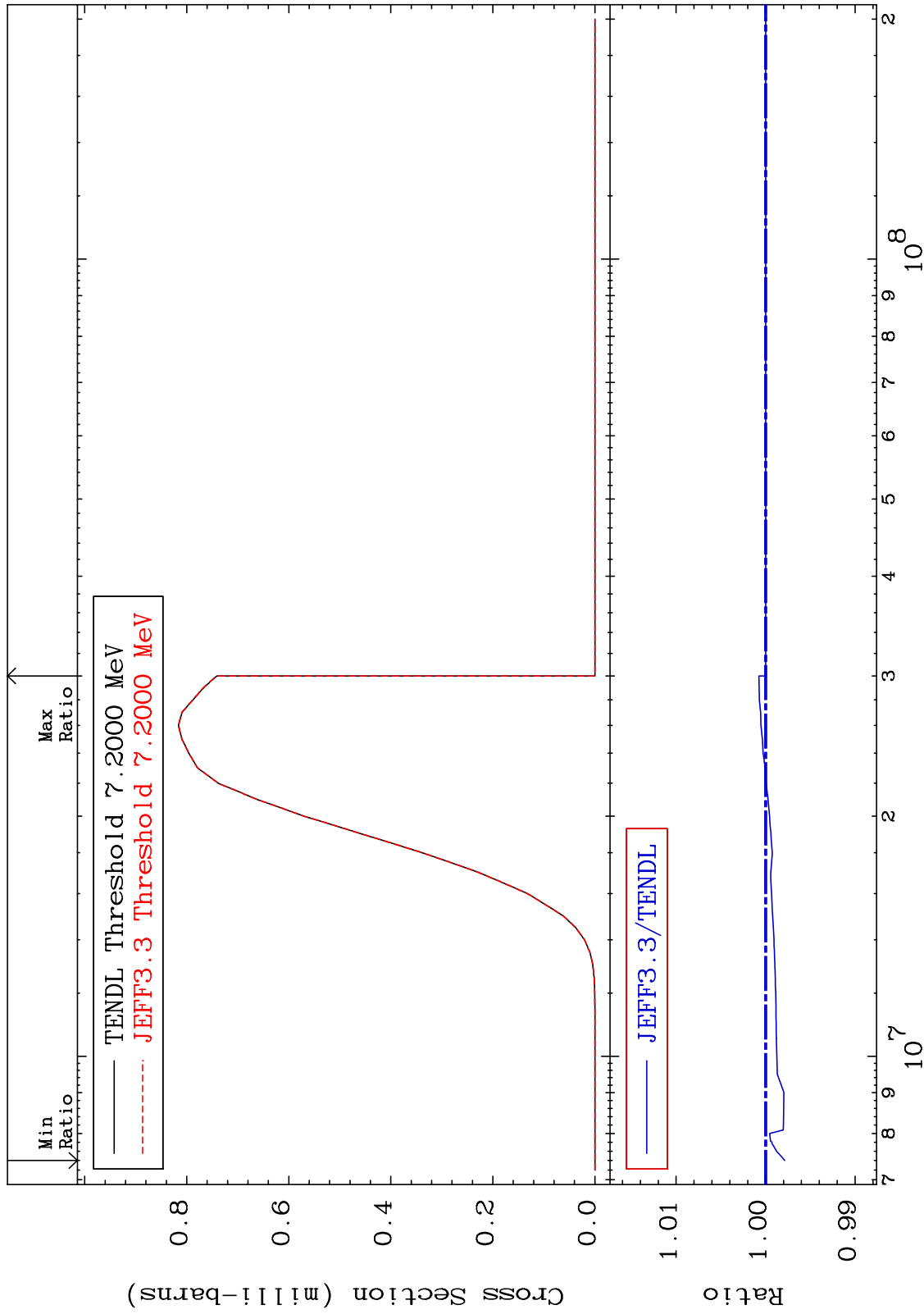
69-Tm-169

MAT 6925

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

69-Tm-169

Radionuclide Production Cross Section -0.214 To 0.075 %



90

Incident Energy (eV)

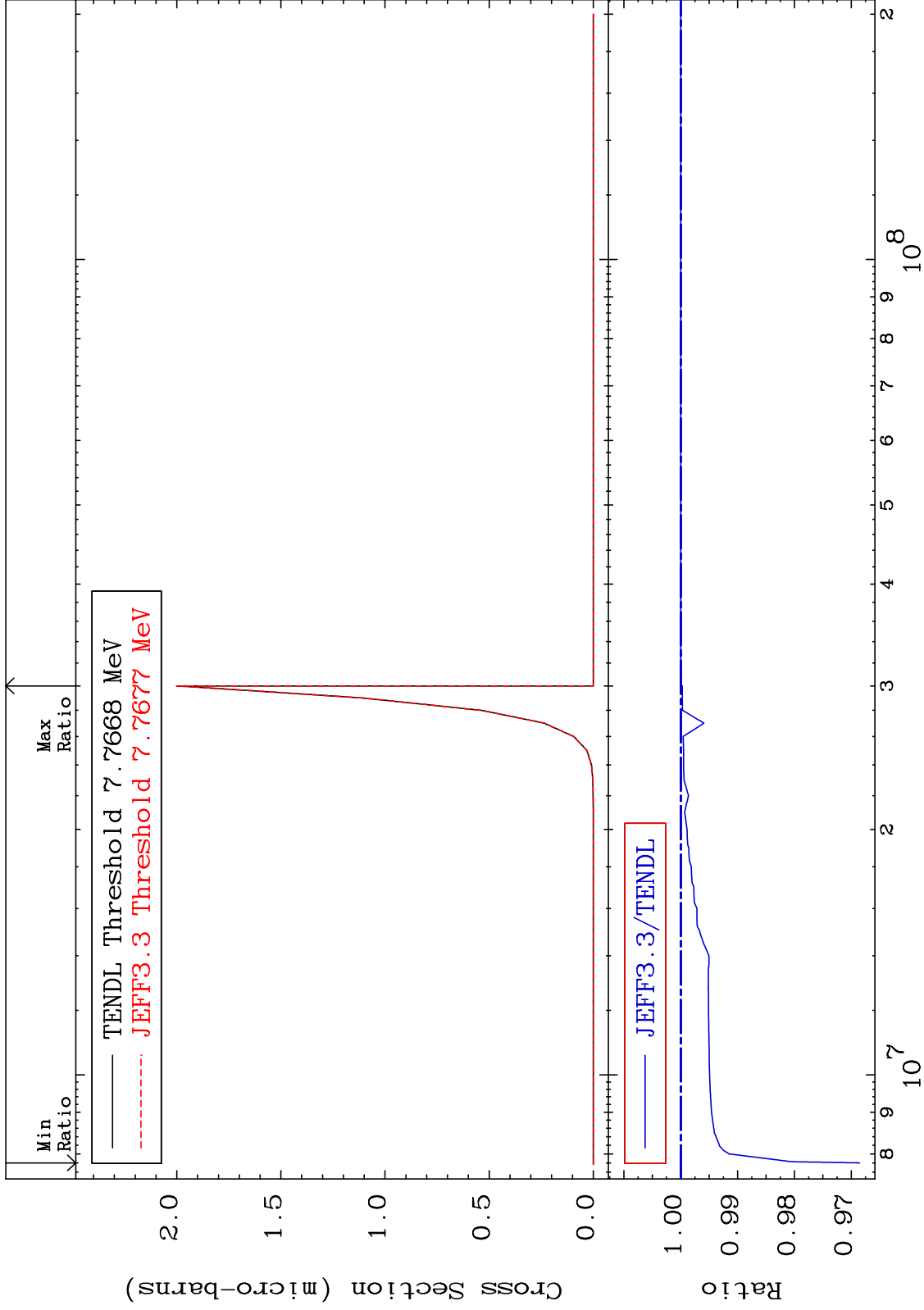
69-Tm-169

MAT 6925

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

69-Tm-169

Radionuclide Production Cross Section -3.148 To 0.000 %



91

Incident Energy (eV)

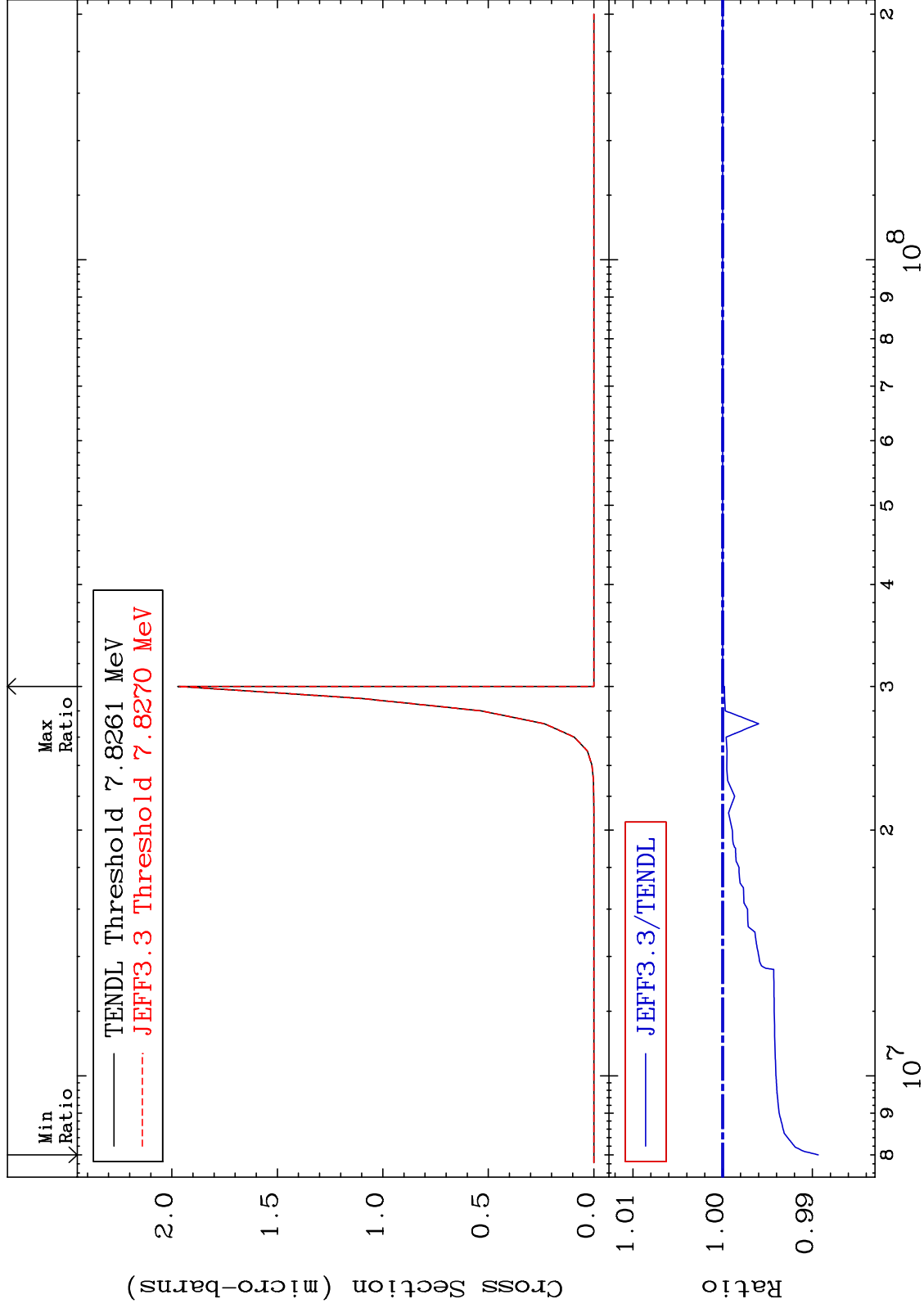
69-Tm-169

MAT 6925

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

69-Tm-169

Radionuclide Production Cross Section -1.066 To 0.000 %

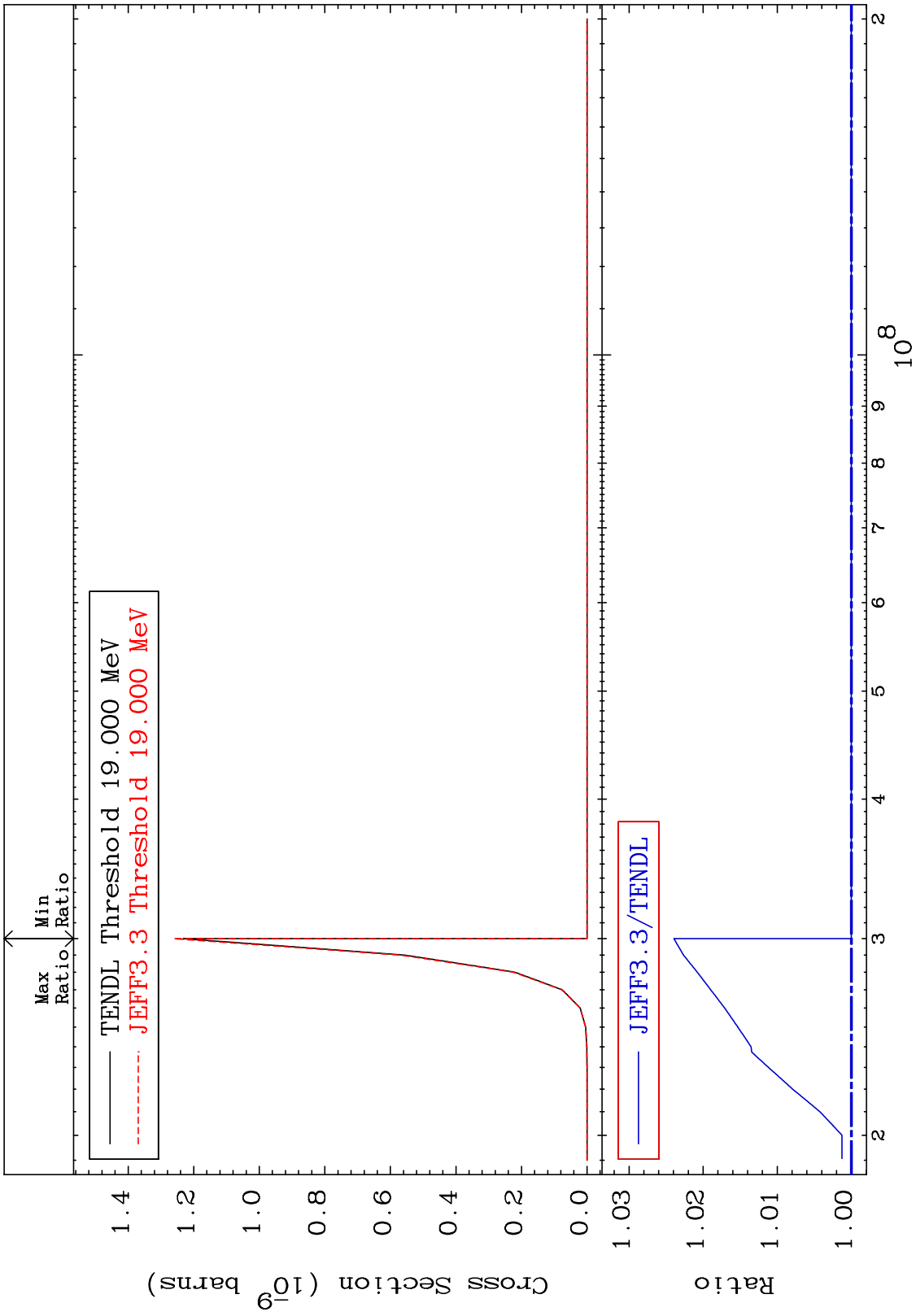


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Incident Energy (eV)

69-Tm-169

MAT 6925 (n,p) t:67-Ho-166g 69-Tm-169
 Radionuclide Production Cross Section 0.000 To 2.395 %



MAT 6925

(n,p) t:67-Ho-166m1

69-Tm-169

Radionuclide Production Cross Section -3.635 To 0.000 %

