

Program Complot
(Version 2018-1)

by

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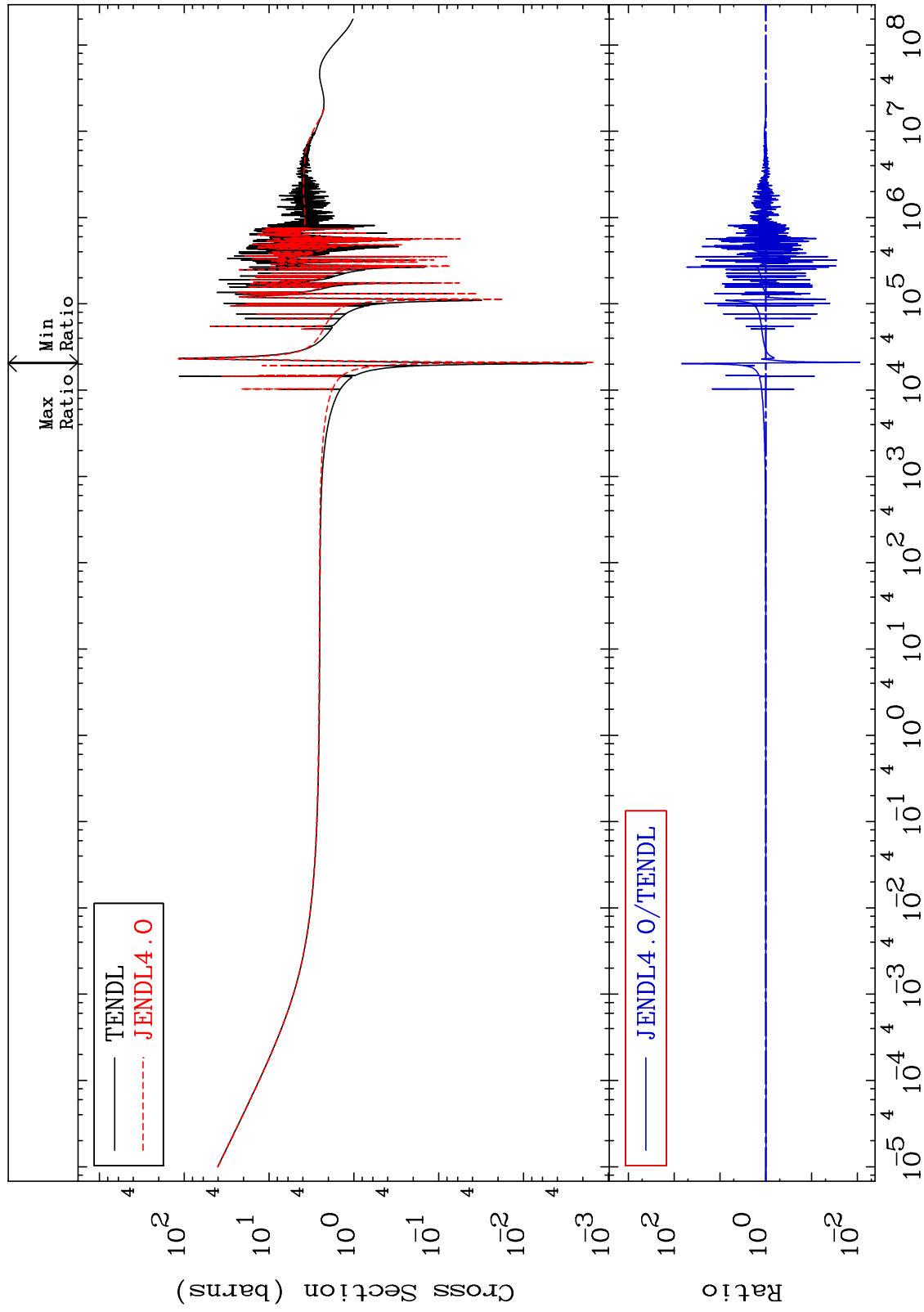
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2437

Total
Cross Section

24-Cr-54
-99.11 To 6854. %



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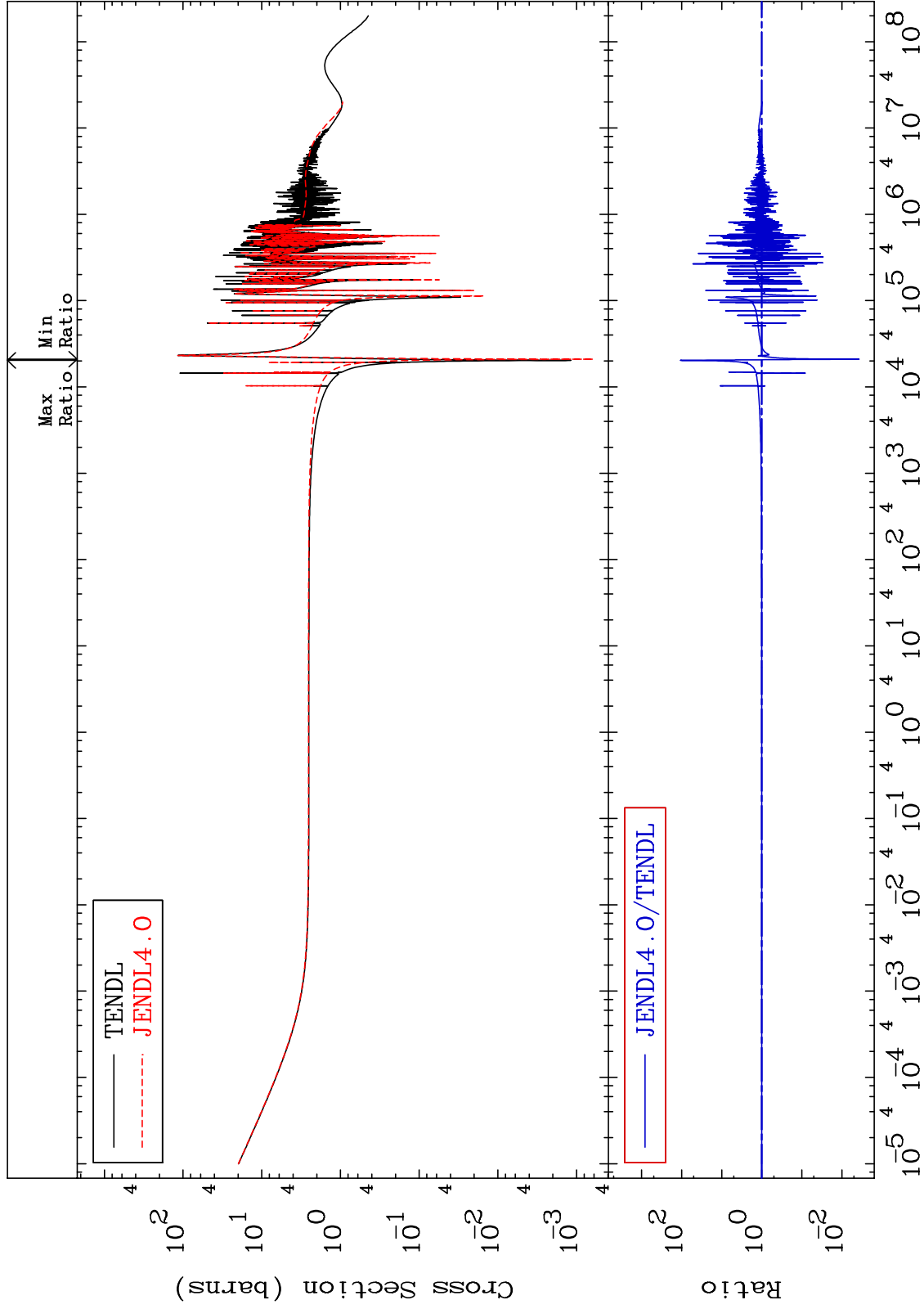
Incident Energy (eV)

24-Cr-54

MAT 2437

Elastic
Cross Section

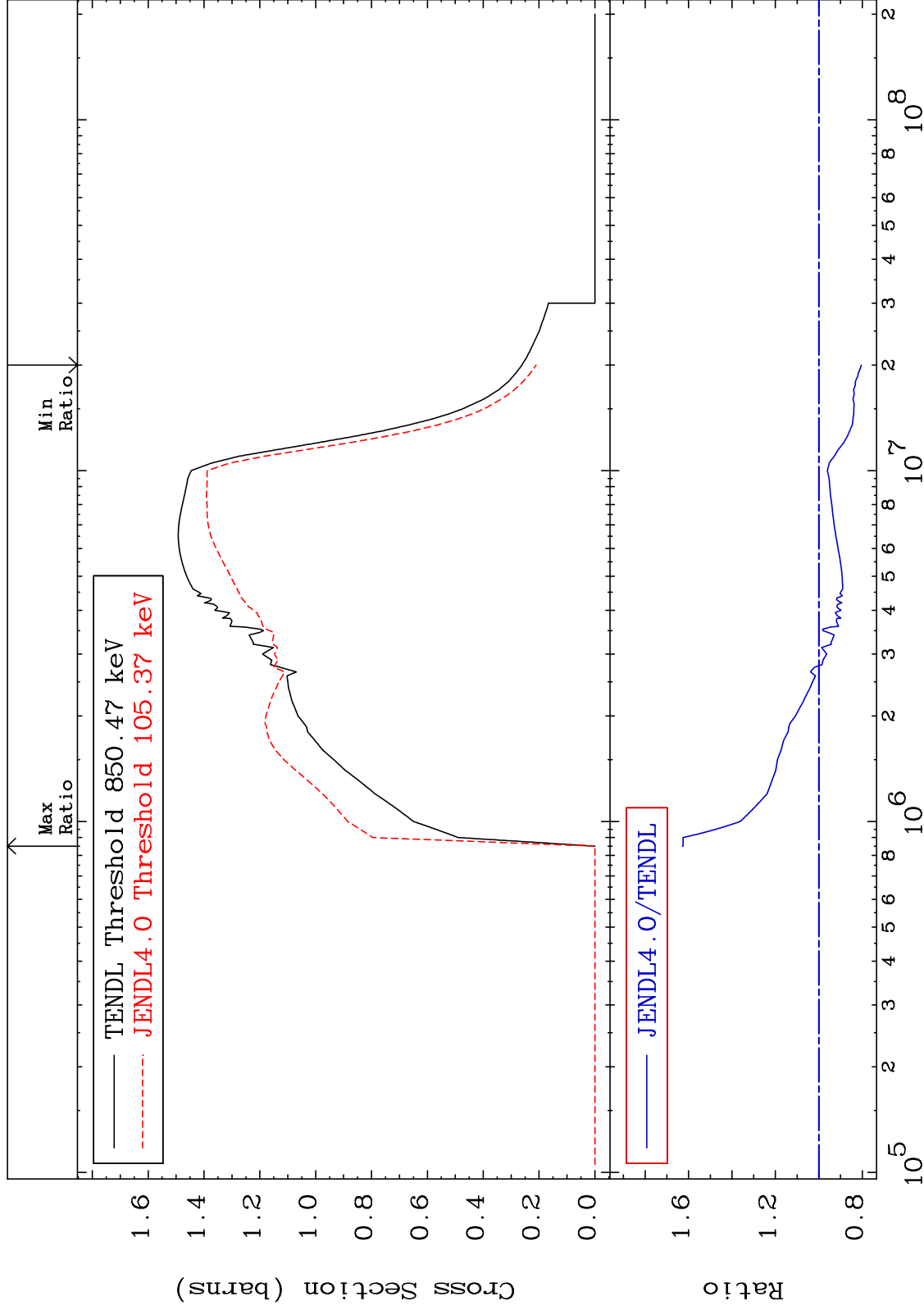
24-Cr-54
-99.63 To 9999. %



MAT 2437

Inelastic
Cross Section

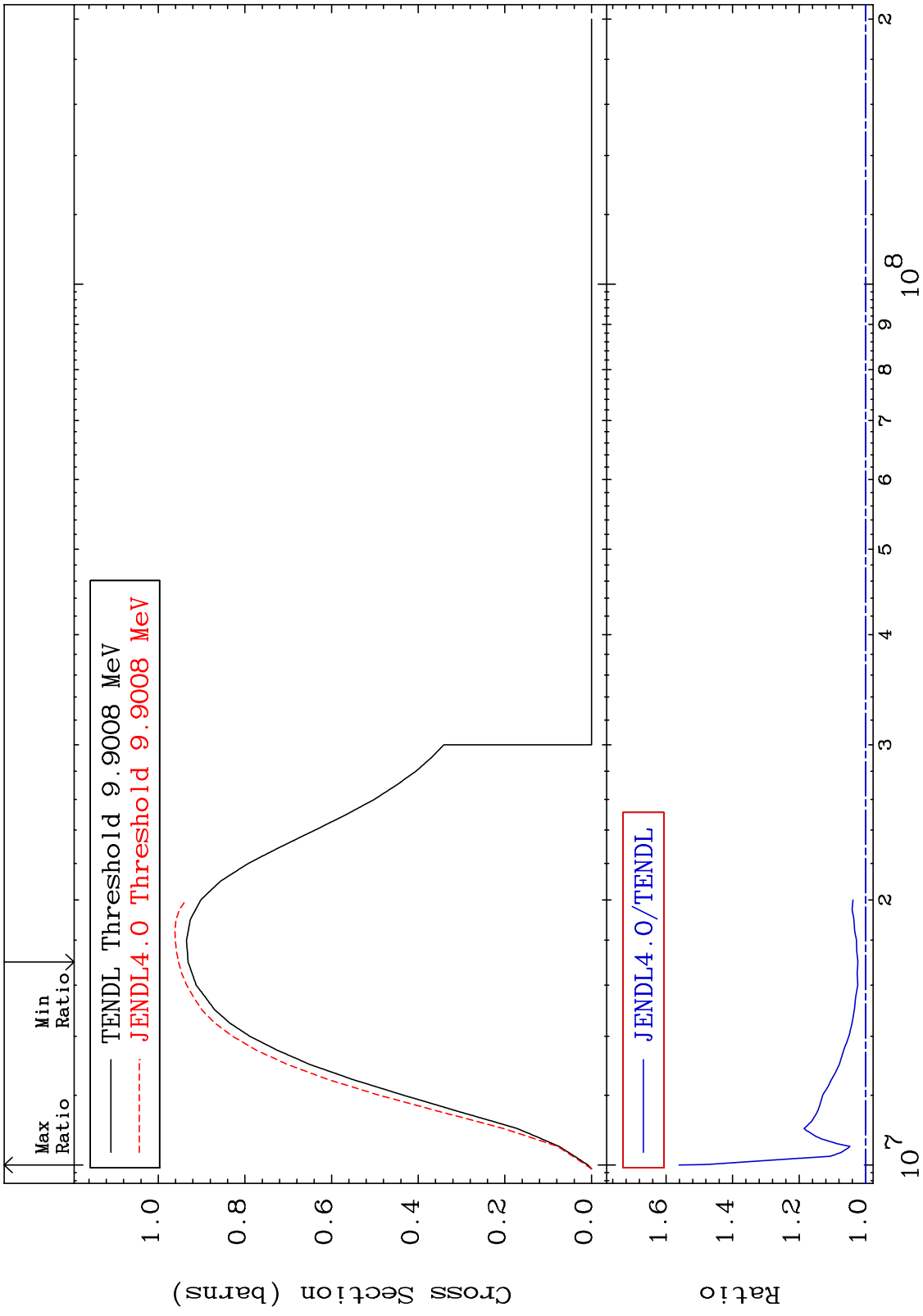
24-Cr-54
-19.56 To 62.82 %



24-Cr-54

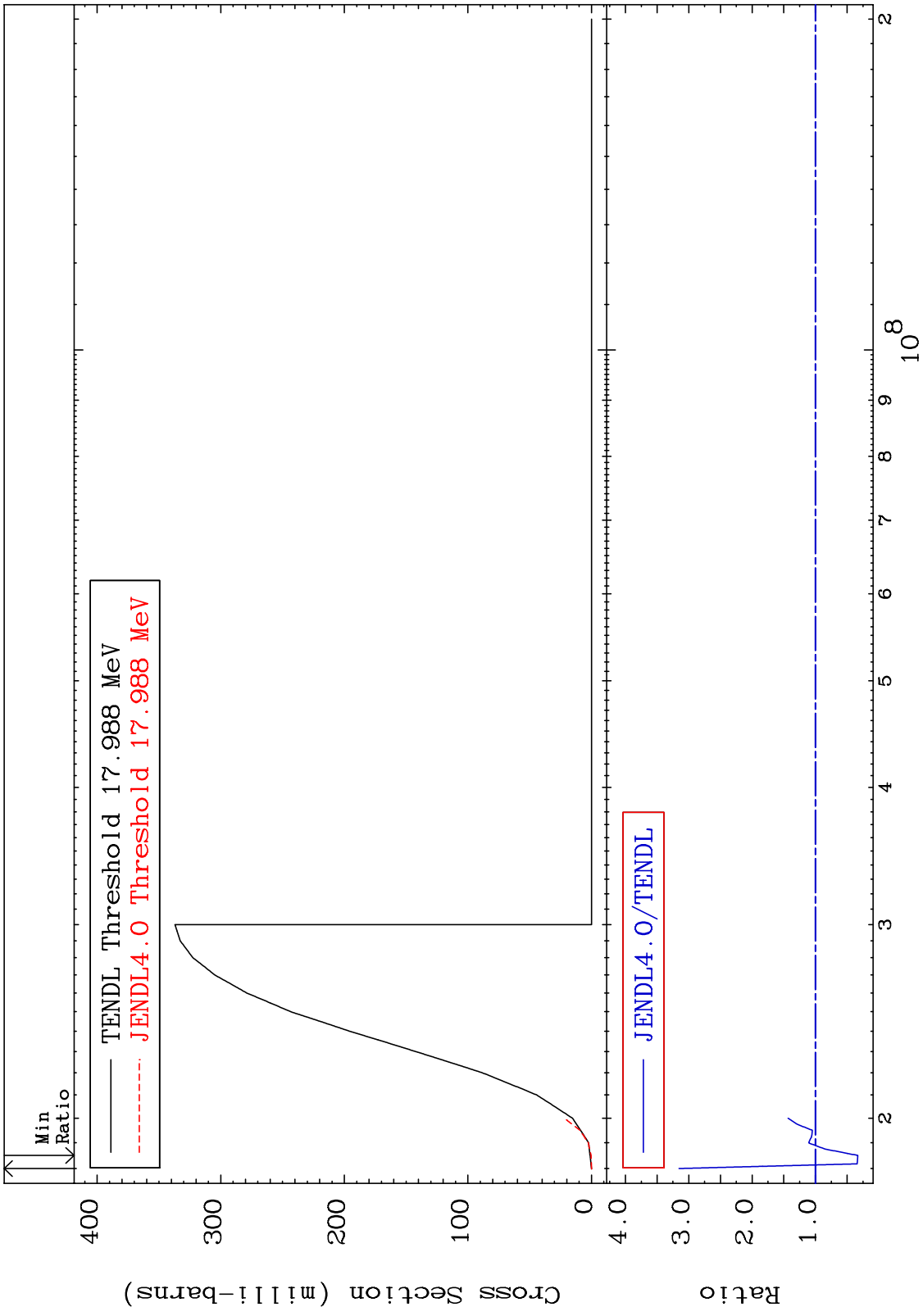
24-Cr-54

MAT 2437 (n,2n) Cross Section 24-Cr-54 2.366 To 56.09 %



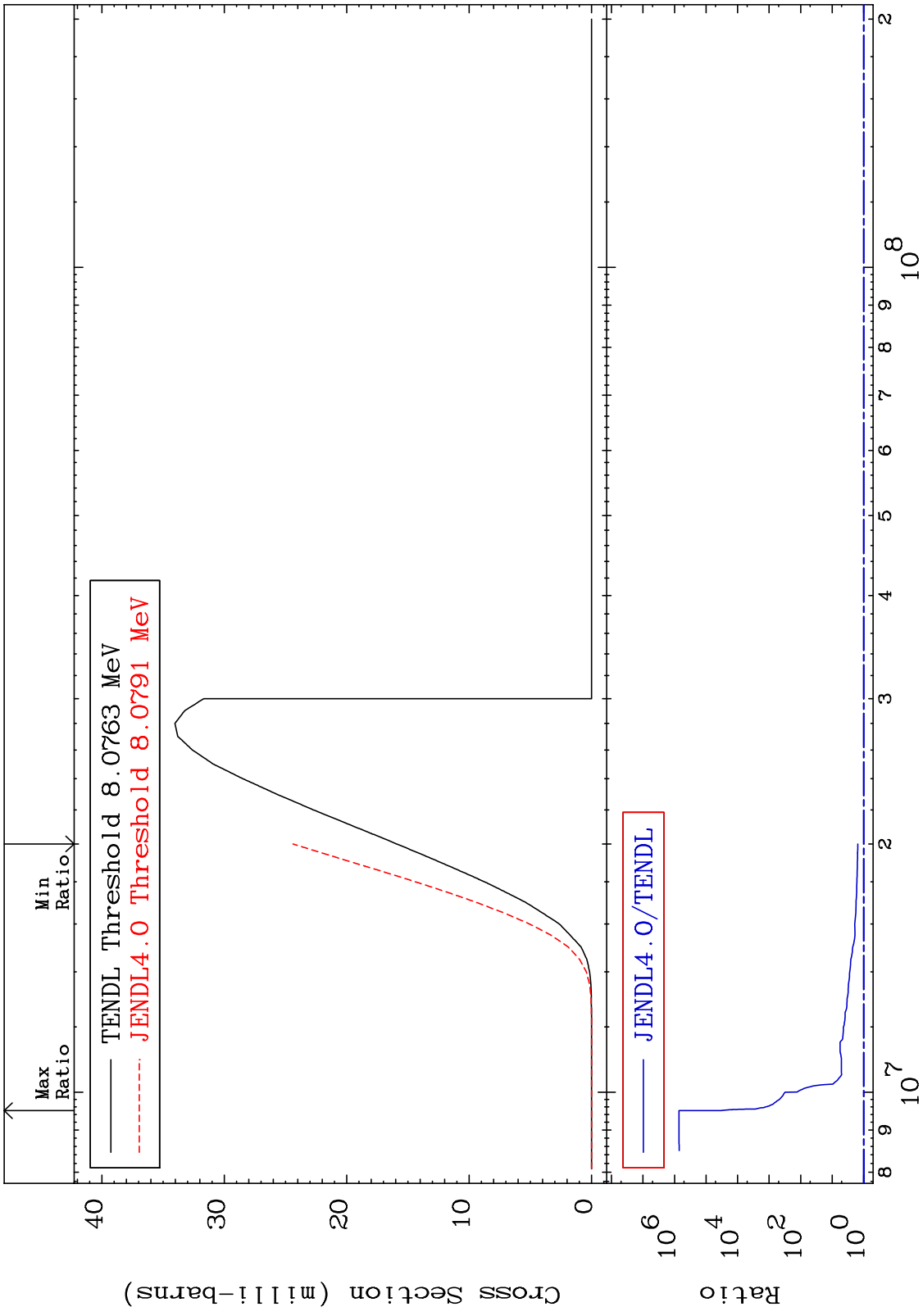
Incident Energy (eV) 24-Cr-54

MAT 2437 (n,3n) Cross Section 24-Cr-54 -66.93 To 215.4 %

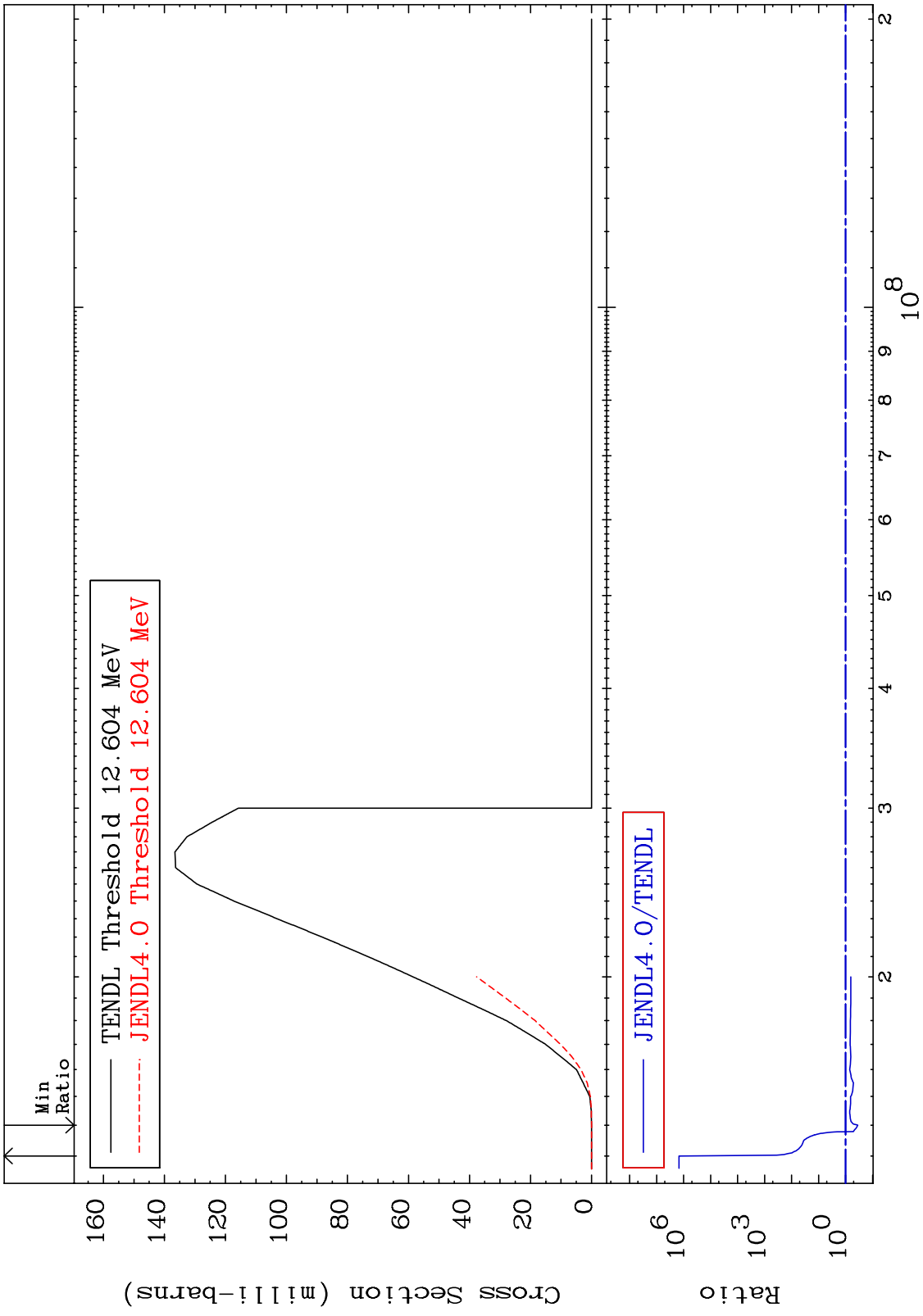


5 24-Cr-54

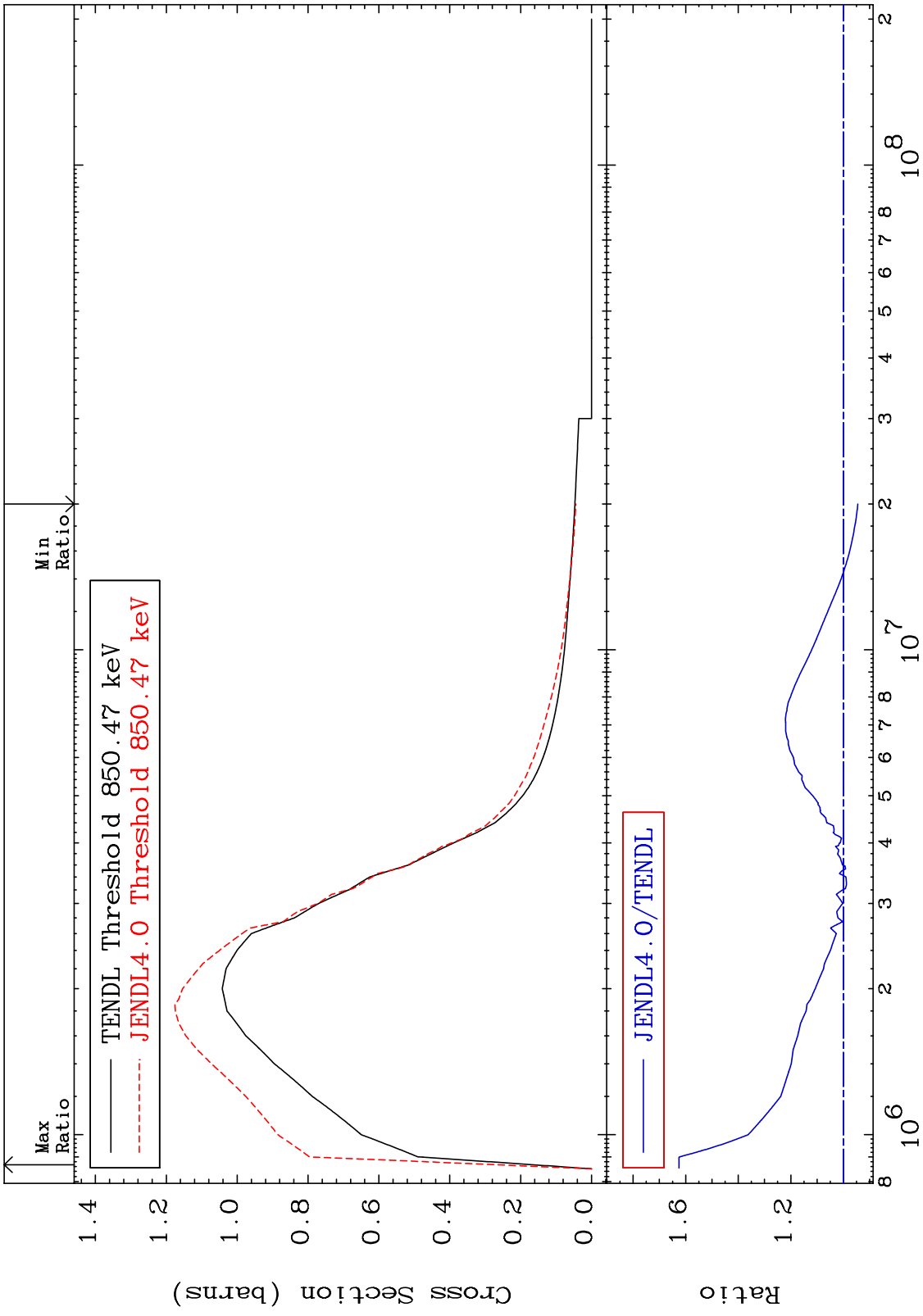
MAT 2437 $(n, n') \alpha$ Cross Section 24-Cr-54 To 9999. %



Incident Energy (eV) 24-Cr-54

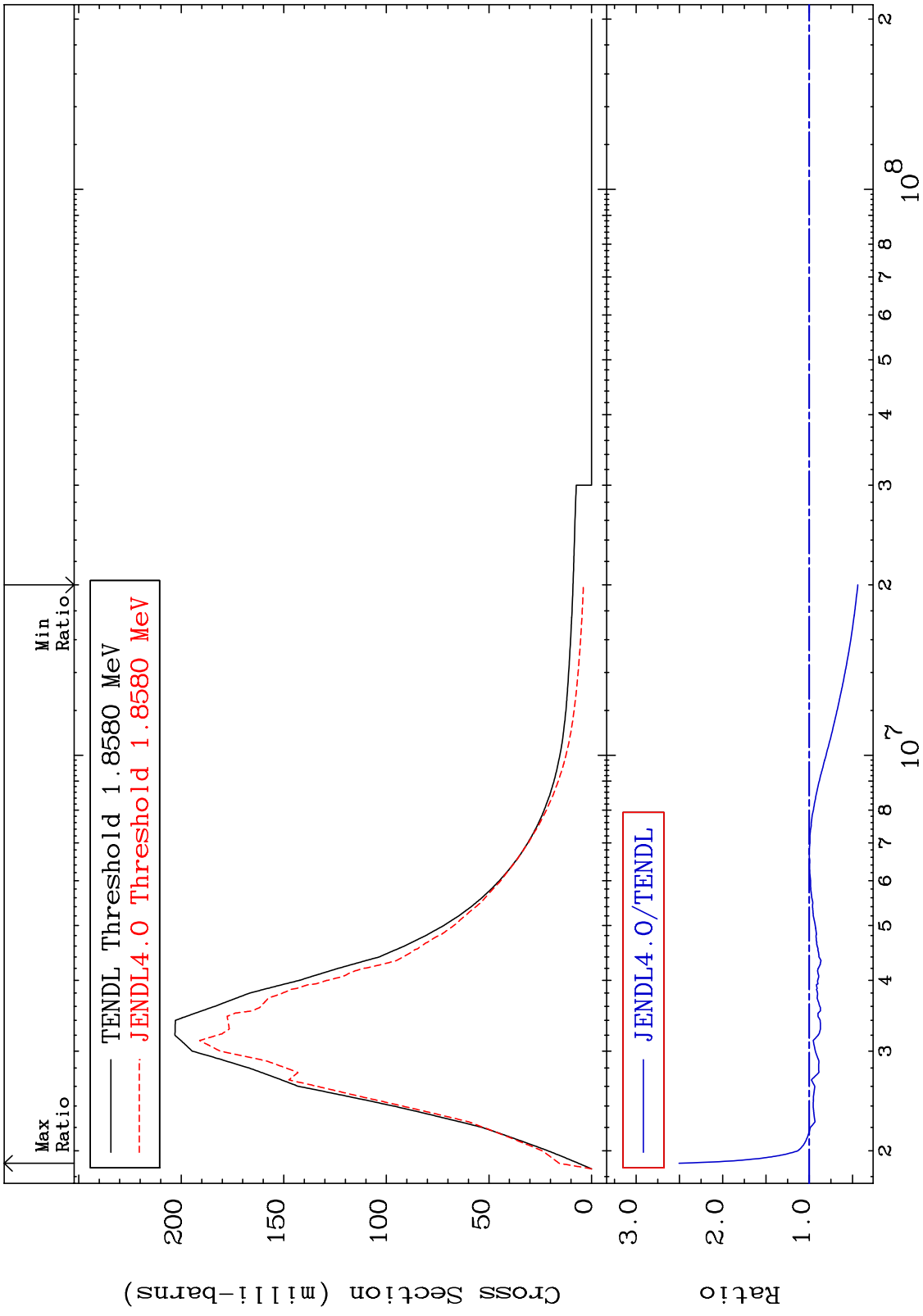


MAT 2437 MT= 51 (n,n') Level Cross Section -5.513 To 62.53 % 24-Cr-54



8 10⁶ 10⁷ 10⁸ Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 52 (n,n') Level Cross Section -56.08 To 150.4 % 24-Cr-54

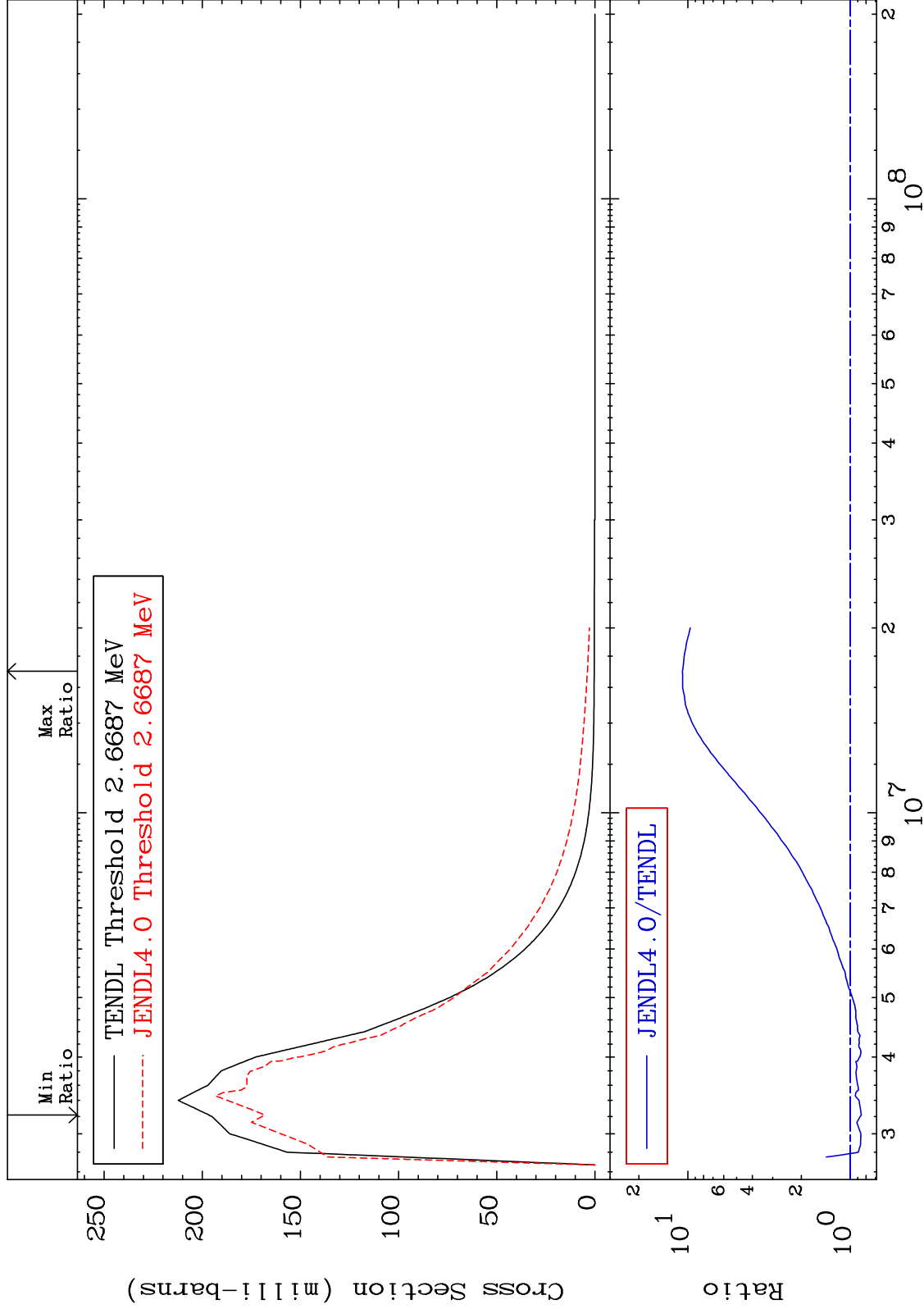


9 Incident Energy (eV) 24-Cr-54

MAT 2437

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

24-Cr-54
-14.48 To 978.2 %

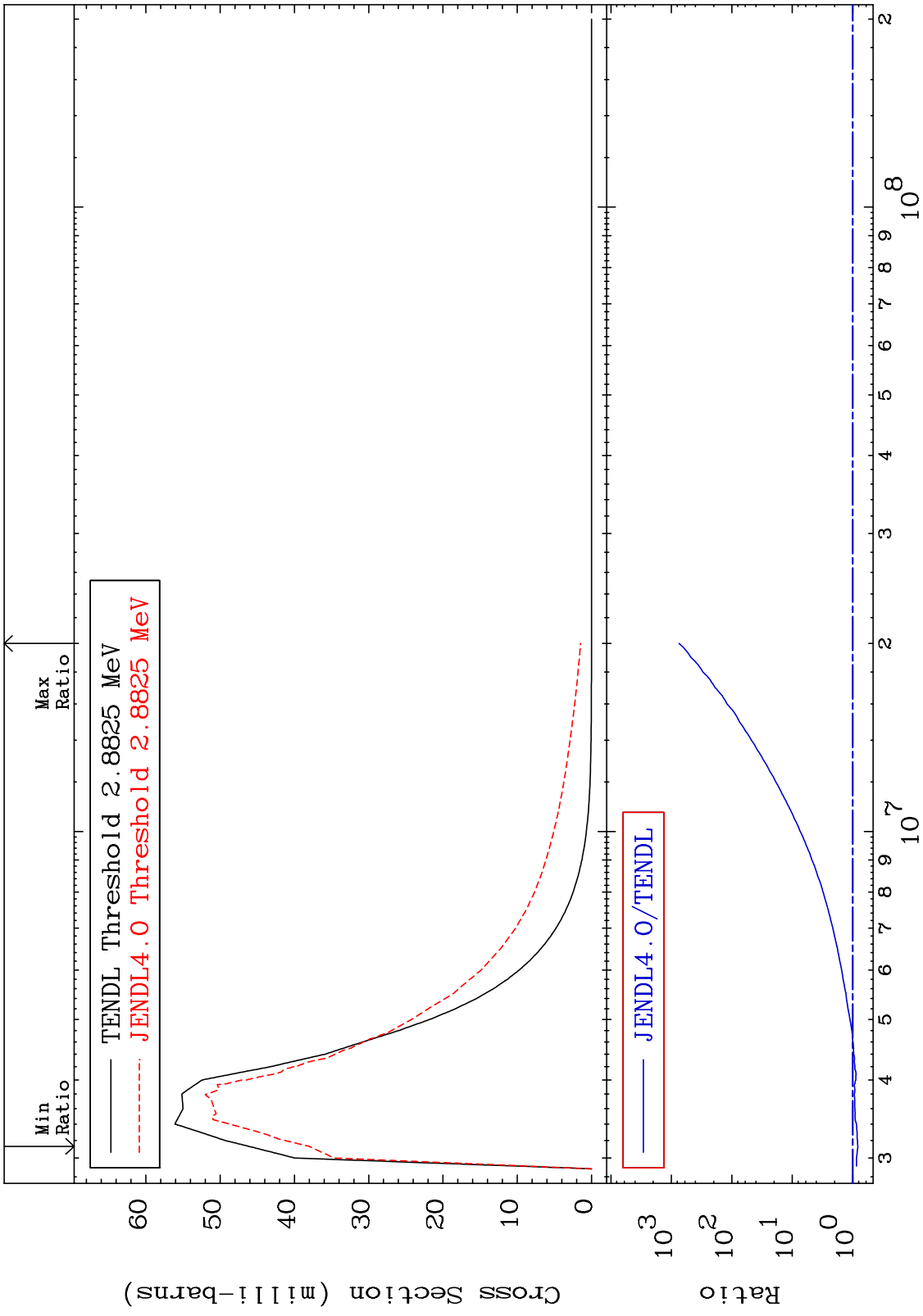


10

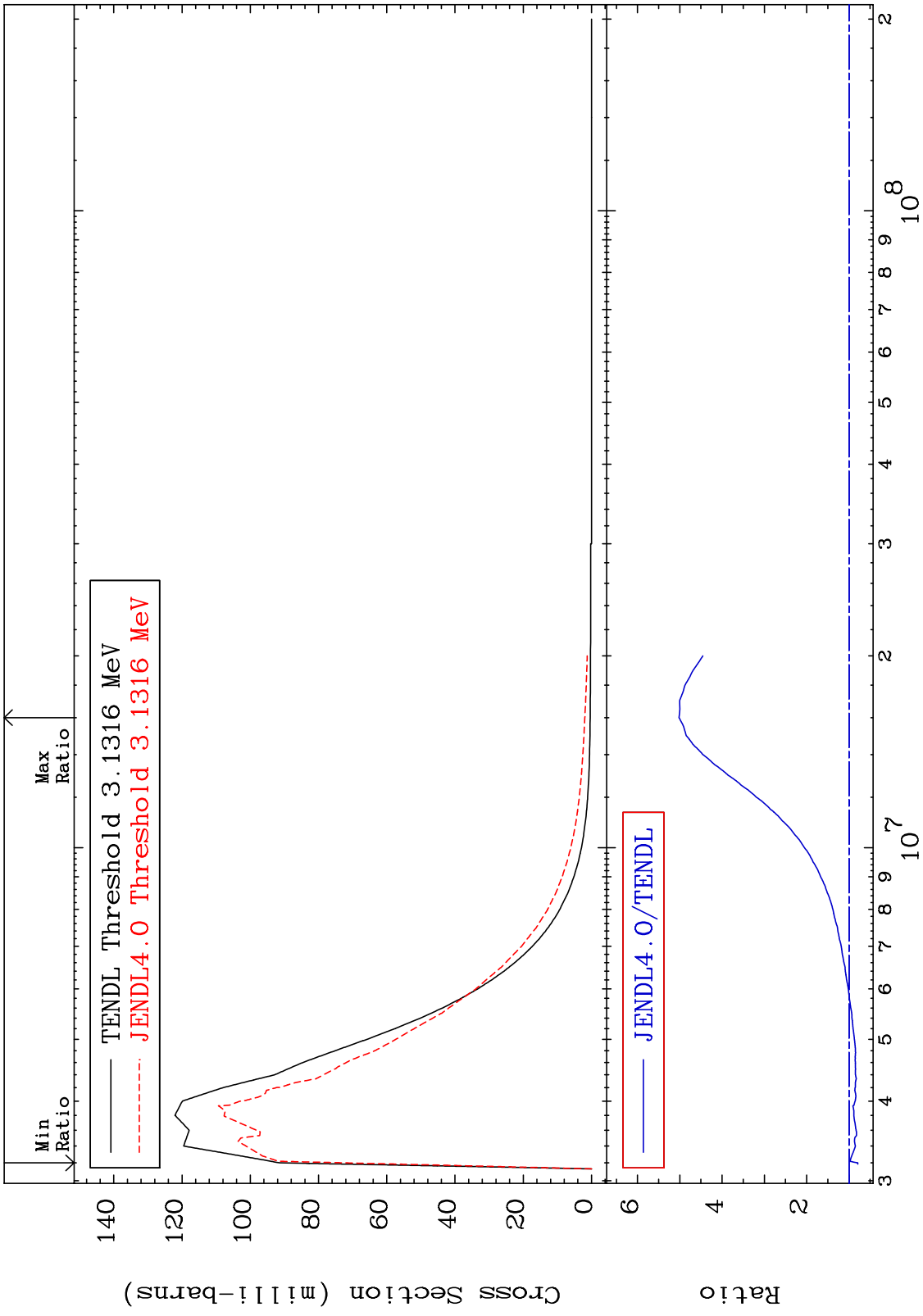
Incident Energy (eV)

24-Cr-54

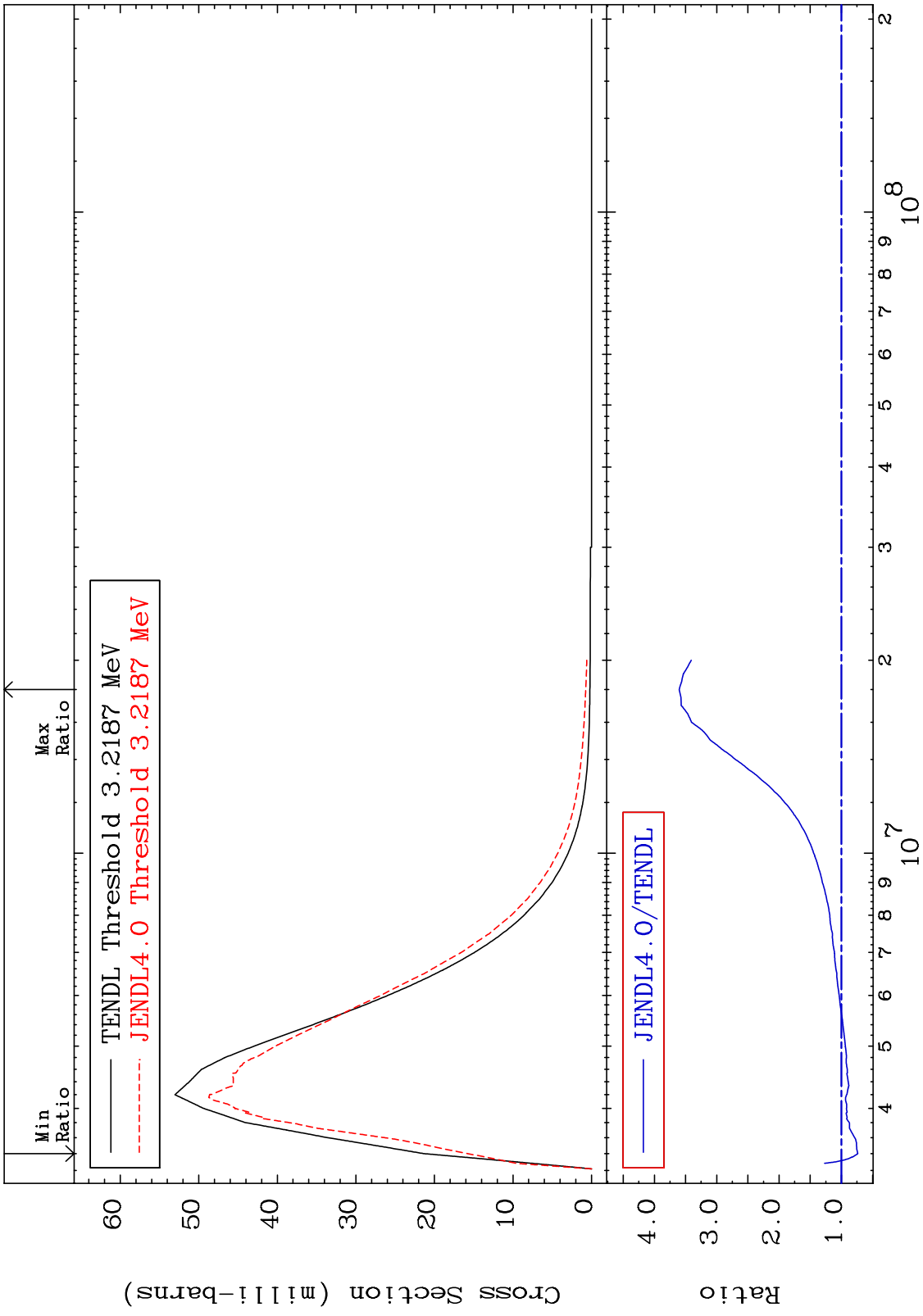
MAT 2437 MT= 54 (n,n') Level Cross Section -17.57 To 9999. % 24-Cr-54



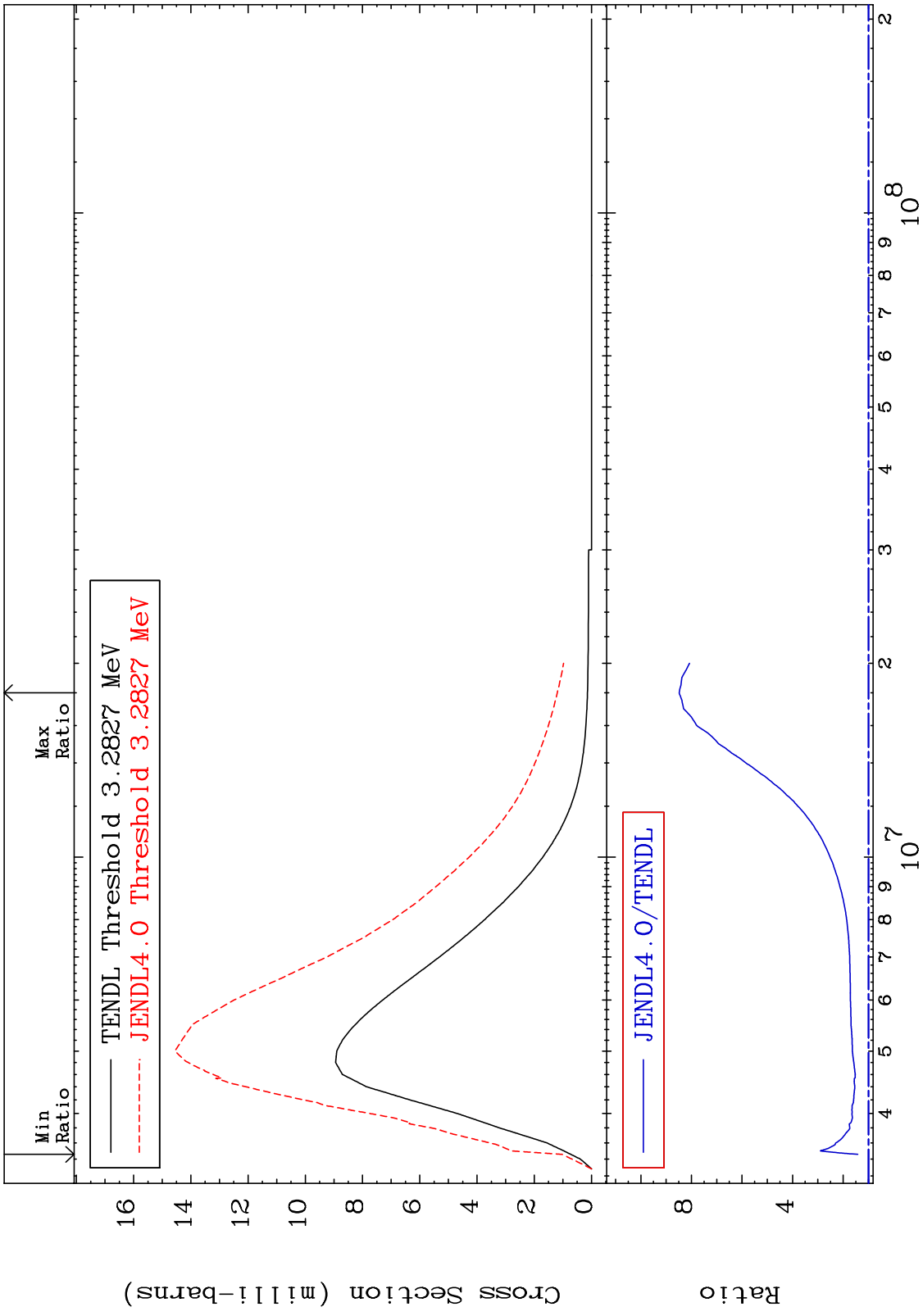
MAT 2437 MT= 55 (n,n') Level Cross Section -20.98 To 401.8 % 24-Cr-54



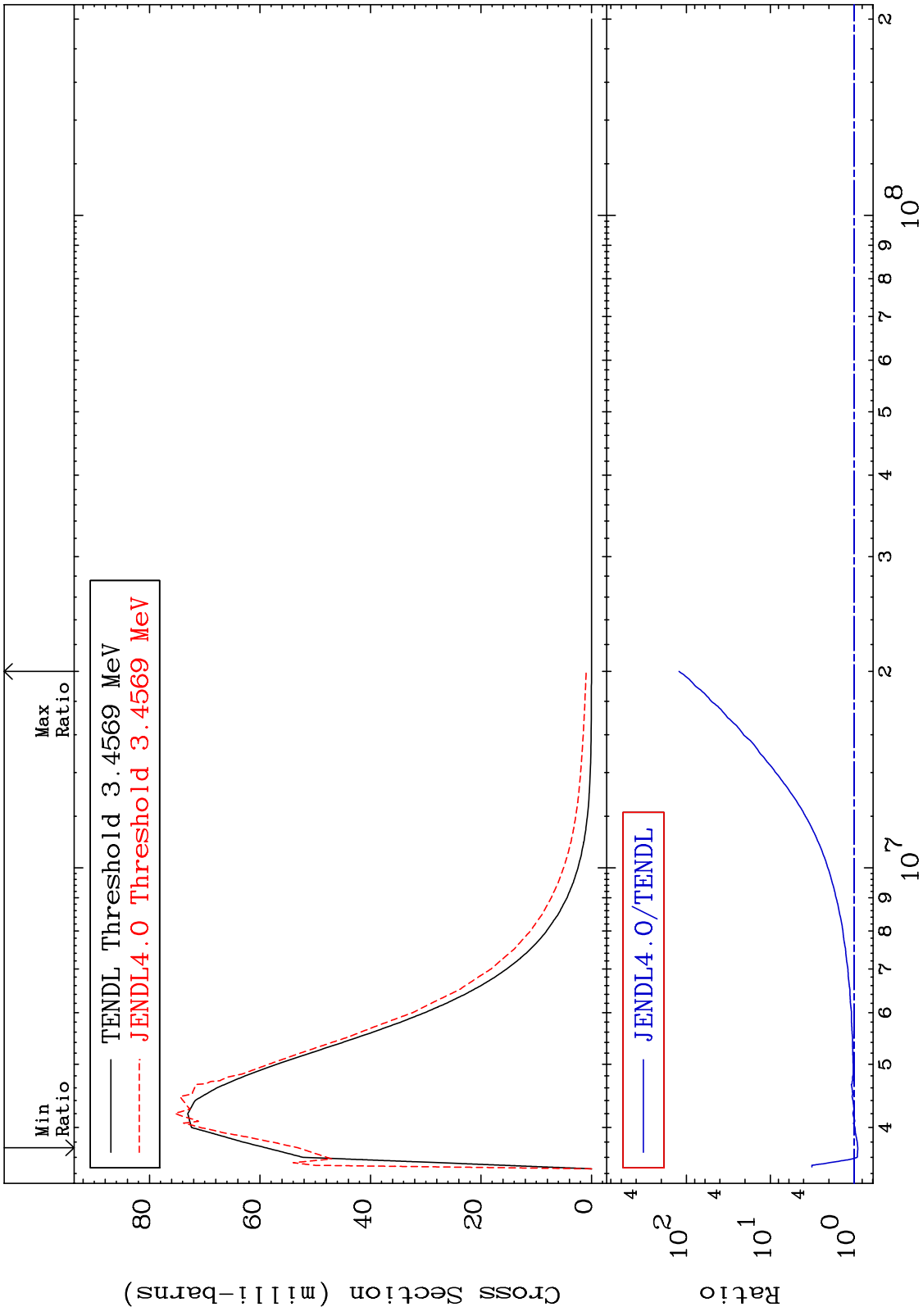
MAT 2437 MT= 56 (n,n') Level Cross Section -26.38 To 260.5 % 24-Cr-54



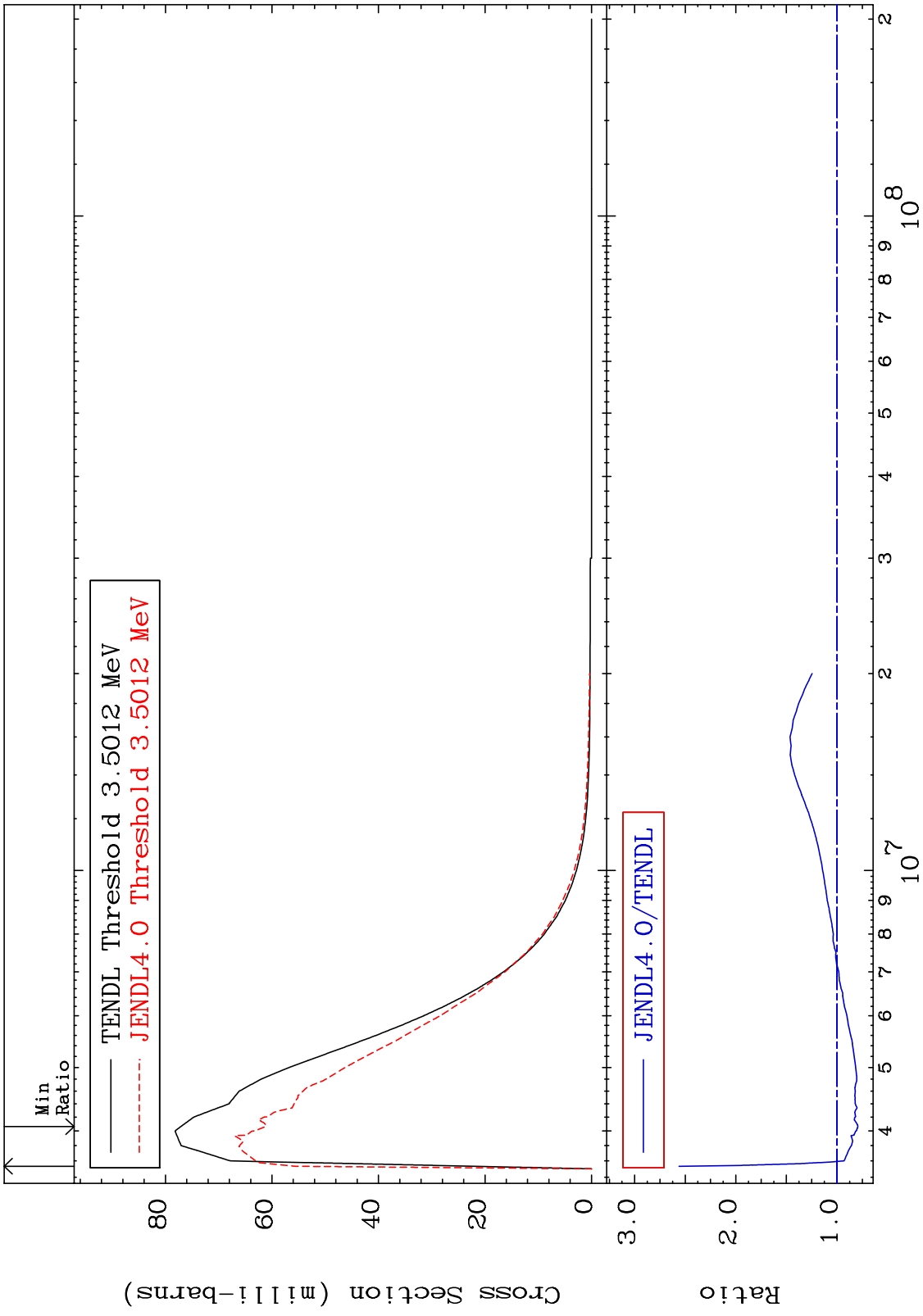
MAT 2437 MT= 57 (n,n') Level Cross Section 41.78 To 749.0 % 24-Cr-54



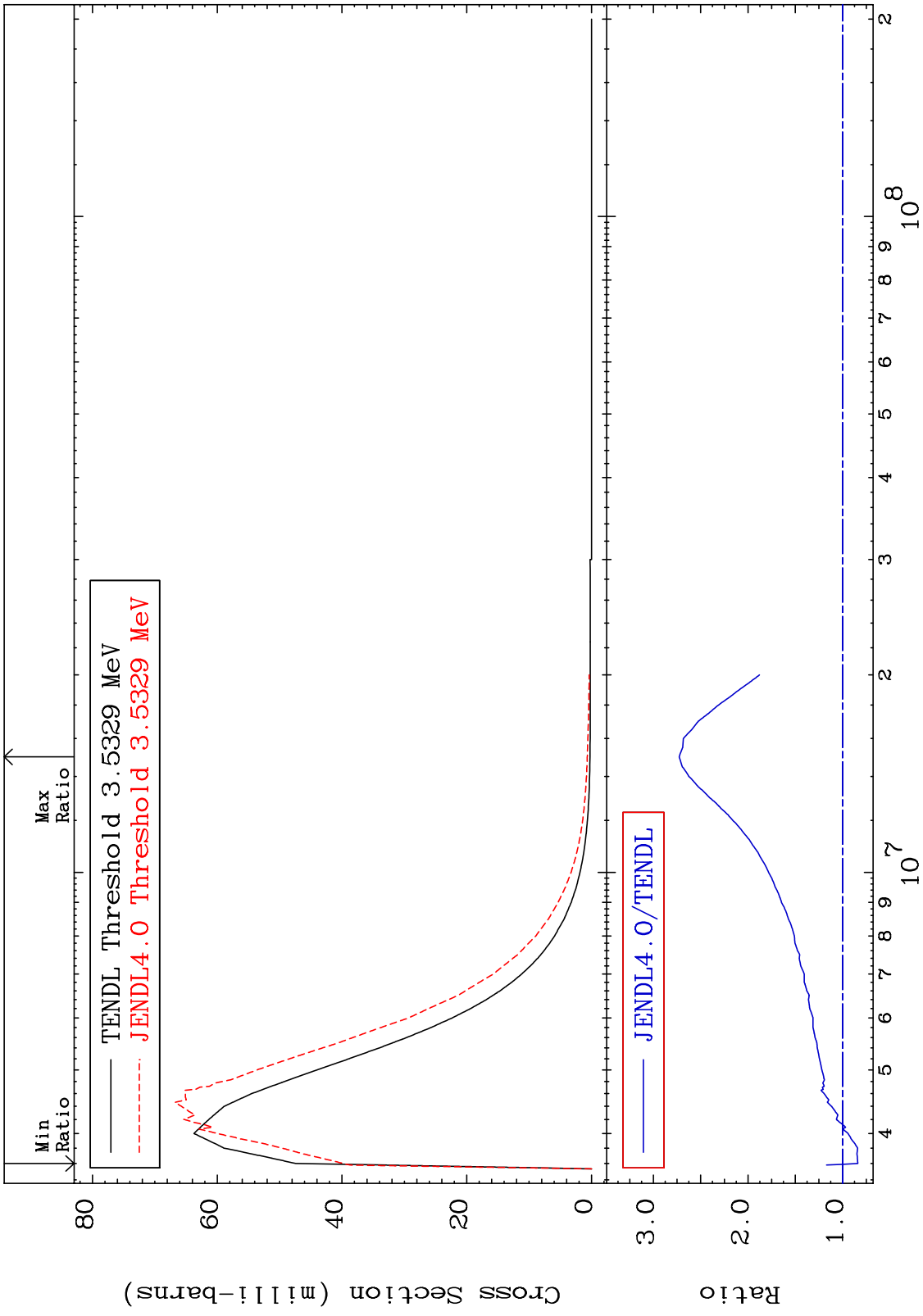
MAT 2437 MT= 58 (n,n') Level Cross Section -9.868 To 9999. % 24-Cr-54



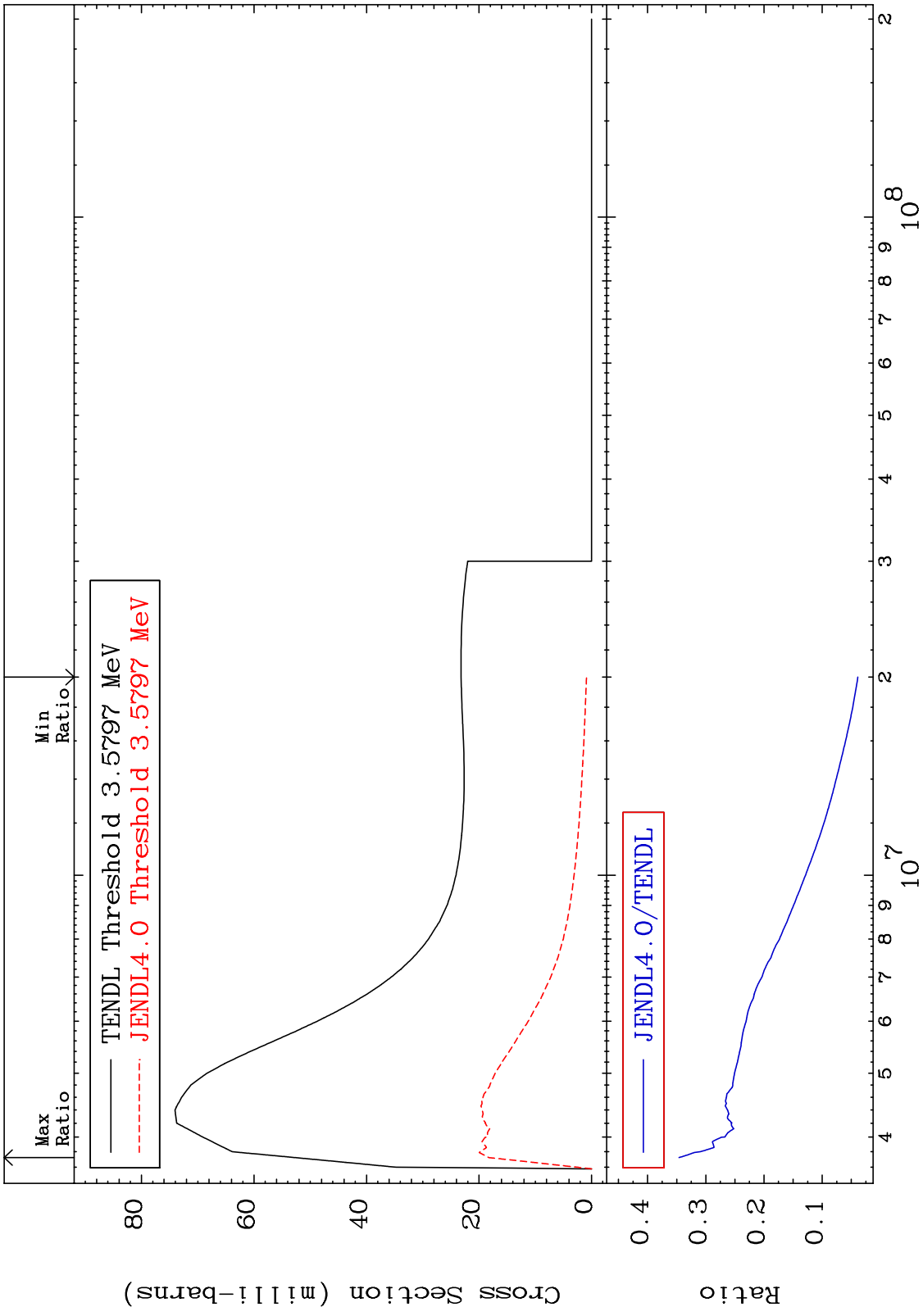
MAT 2437 MT= 59 (n,n') Level Cross Section -20.61 To 156.1 % 24-Cr-54



MAT 2437 MT= 60 (n,n') Level Cross Section -16.11 To 172.9 % 24-Cr-54

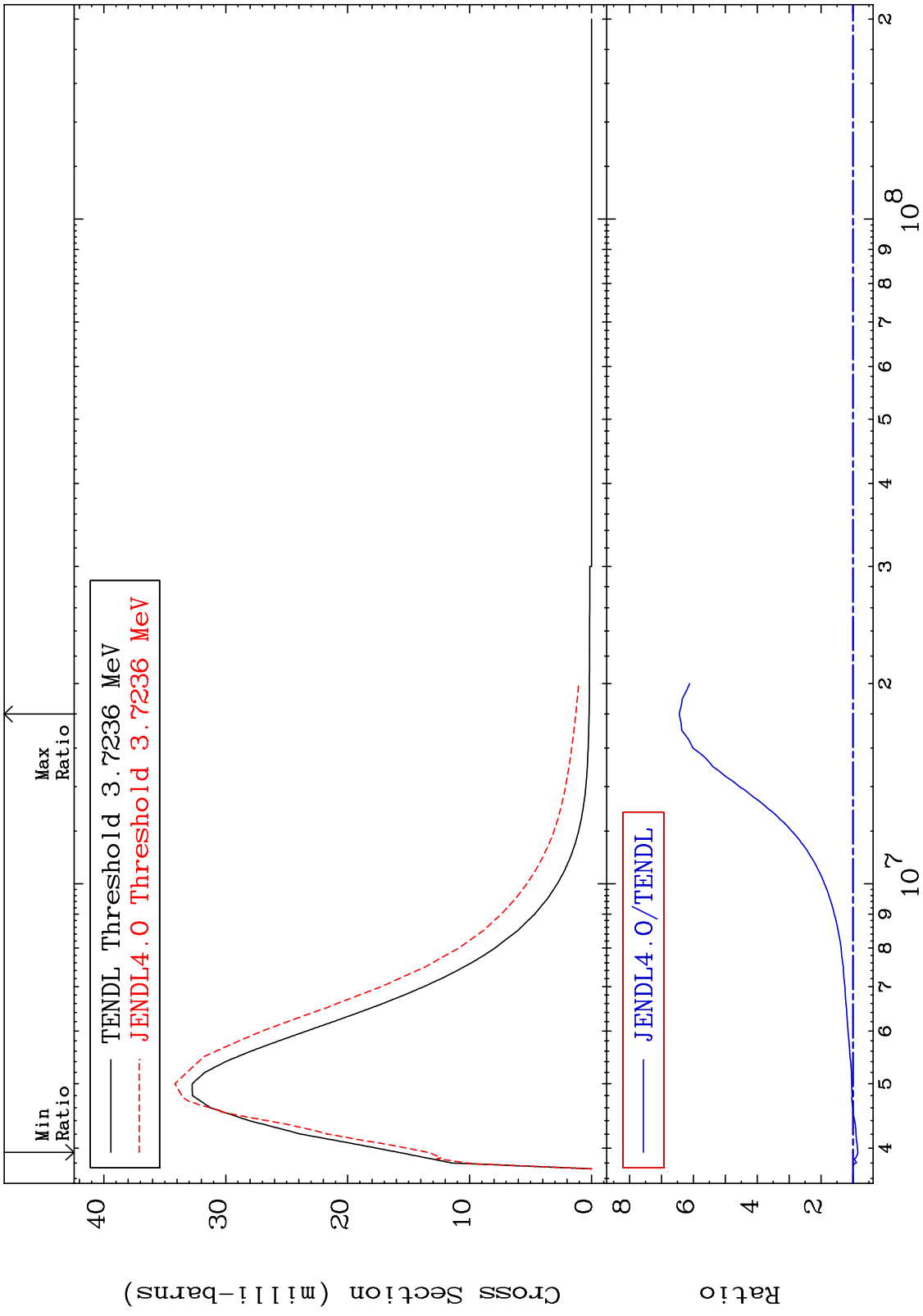


MAT 2437 MT= 61 (n,n') Level Cross Section -96.13 To -65.41% 24-Cr-54



18 24-Cr-54

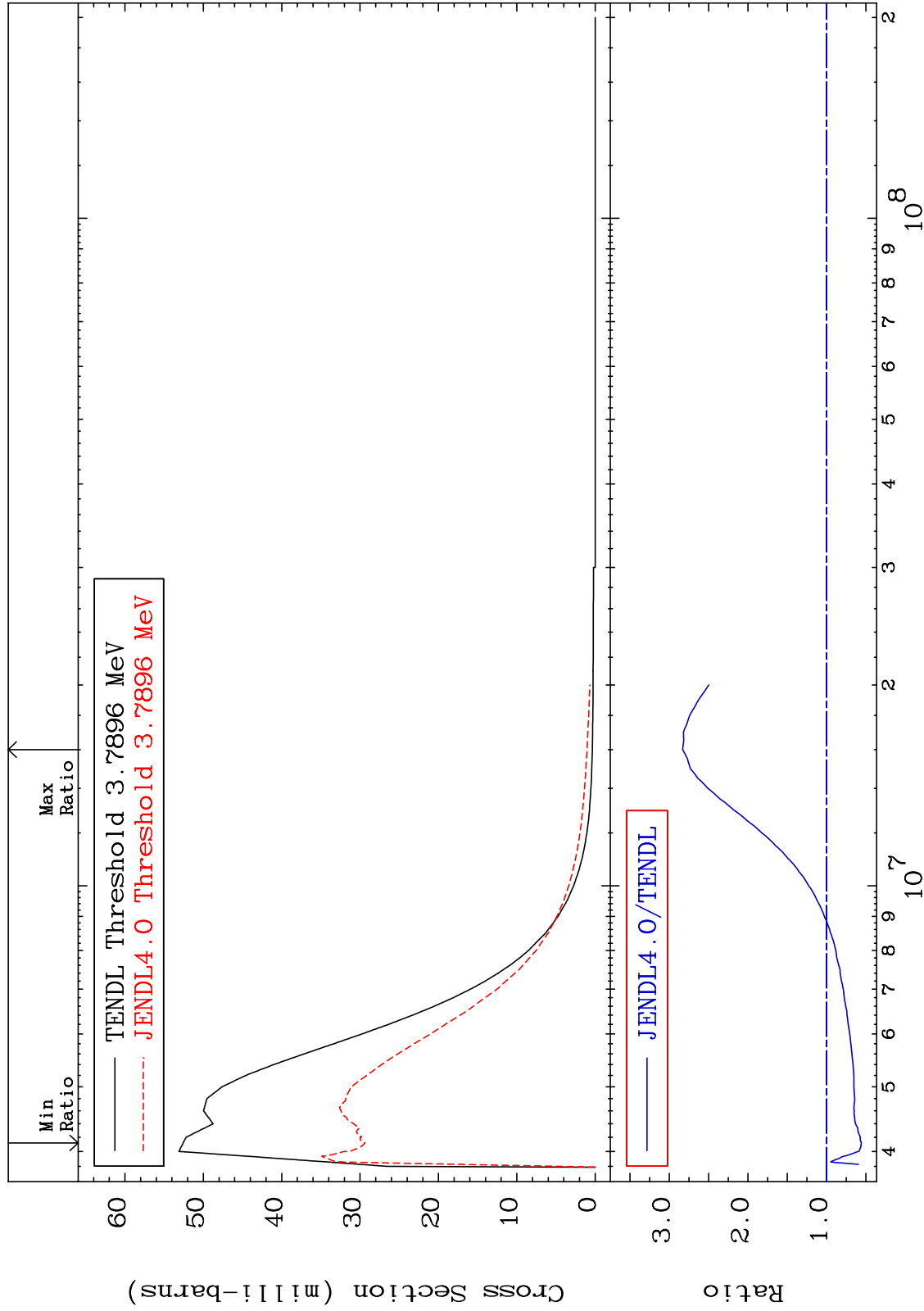
MAT 2437 MT= 62 (n,n') Level Cross Section -15.21 To 544.8 % 24-Cr-54



MAT 2437

MT= 63 (n,n') Level
Cross Section

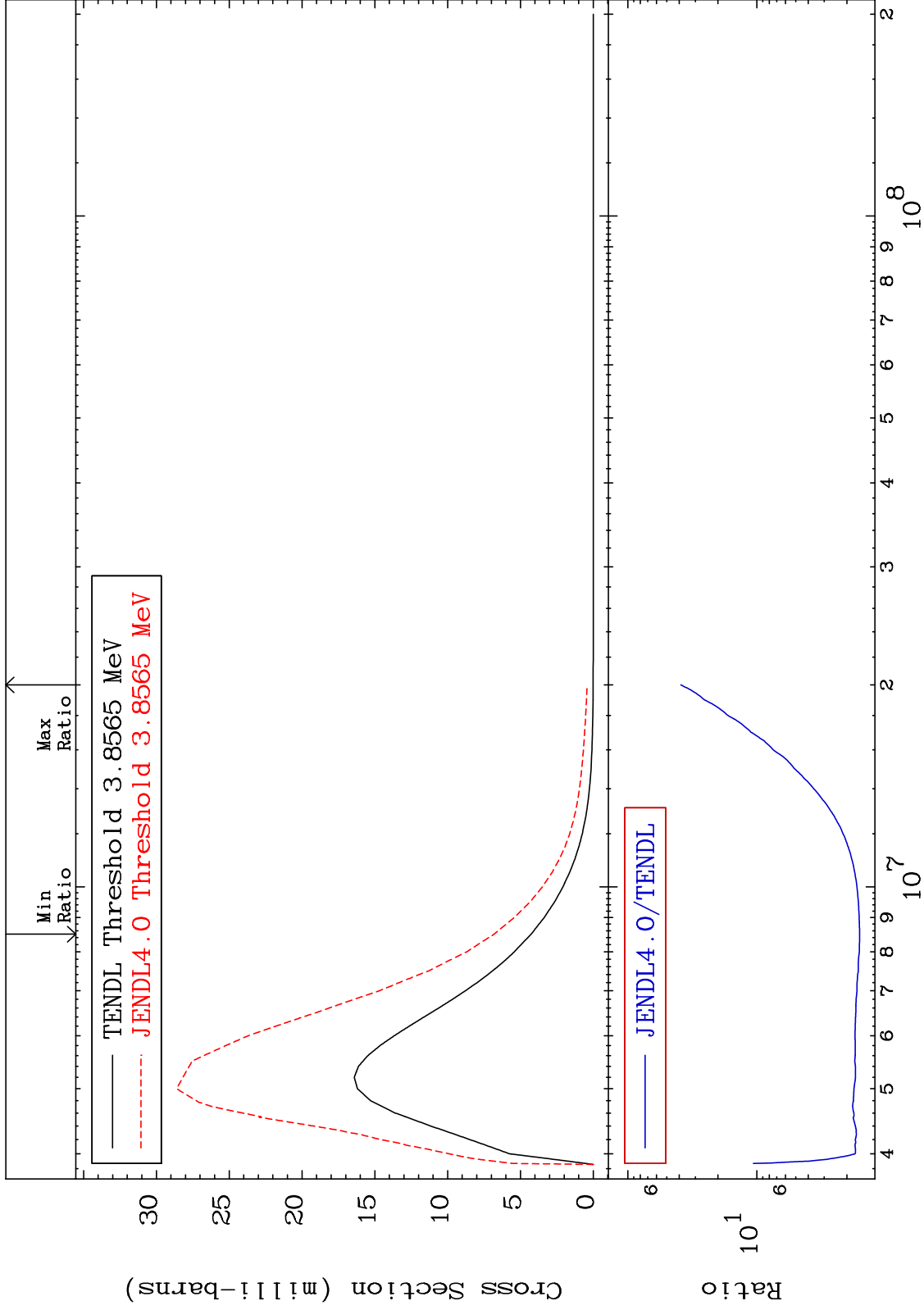
24-Cr-54
-44.15 To 183.0 %



MAT 2437

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

24-Cr-54
59.54 To 3785. %

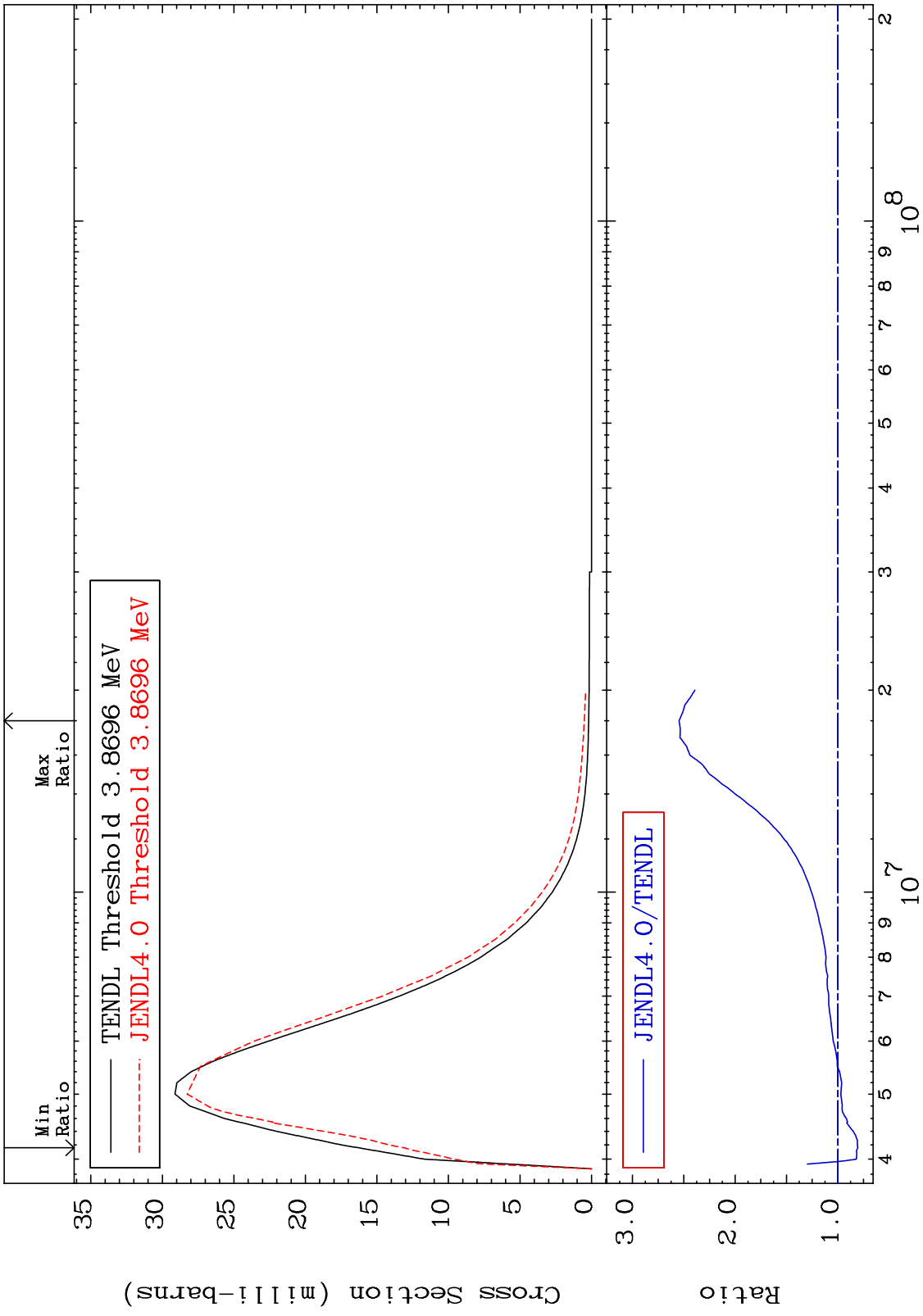


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Incident Energy (eV)

24-Cr-54

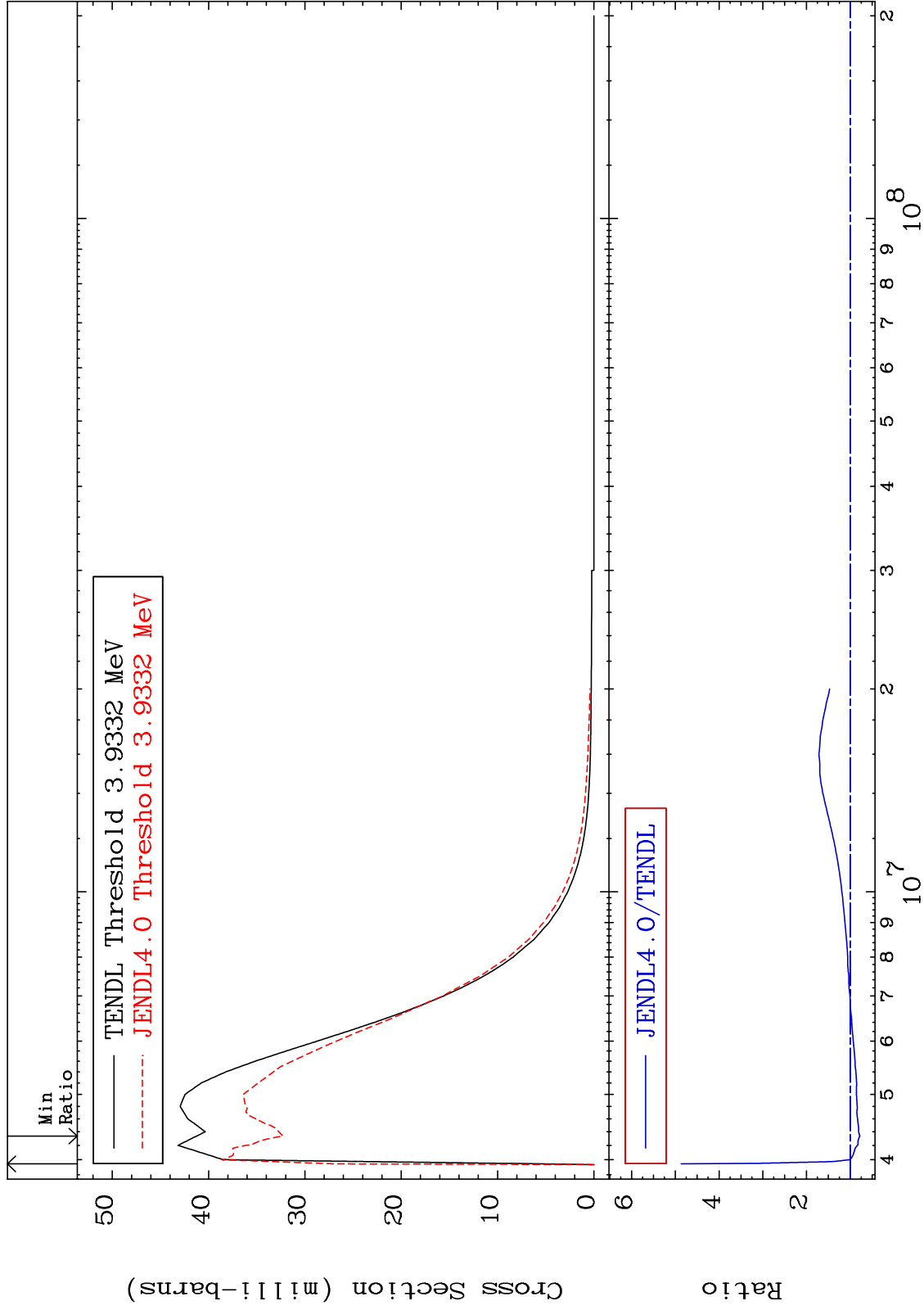
MAT 2437 MT= 65 (n,n') Level Cross Section -19.52 To 154.7 % 24-Cr-54



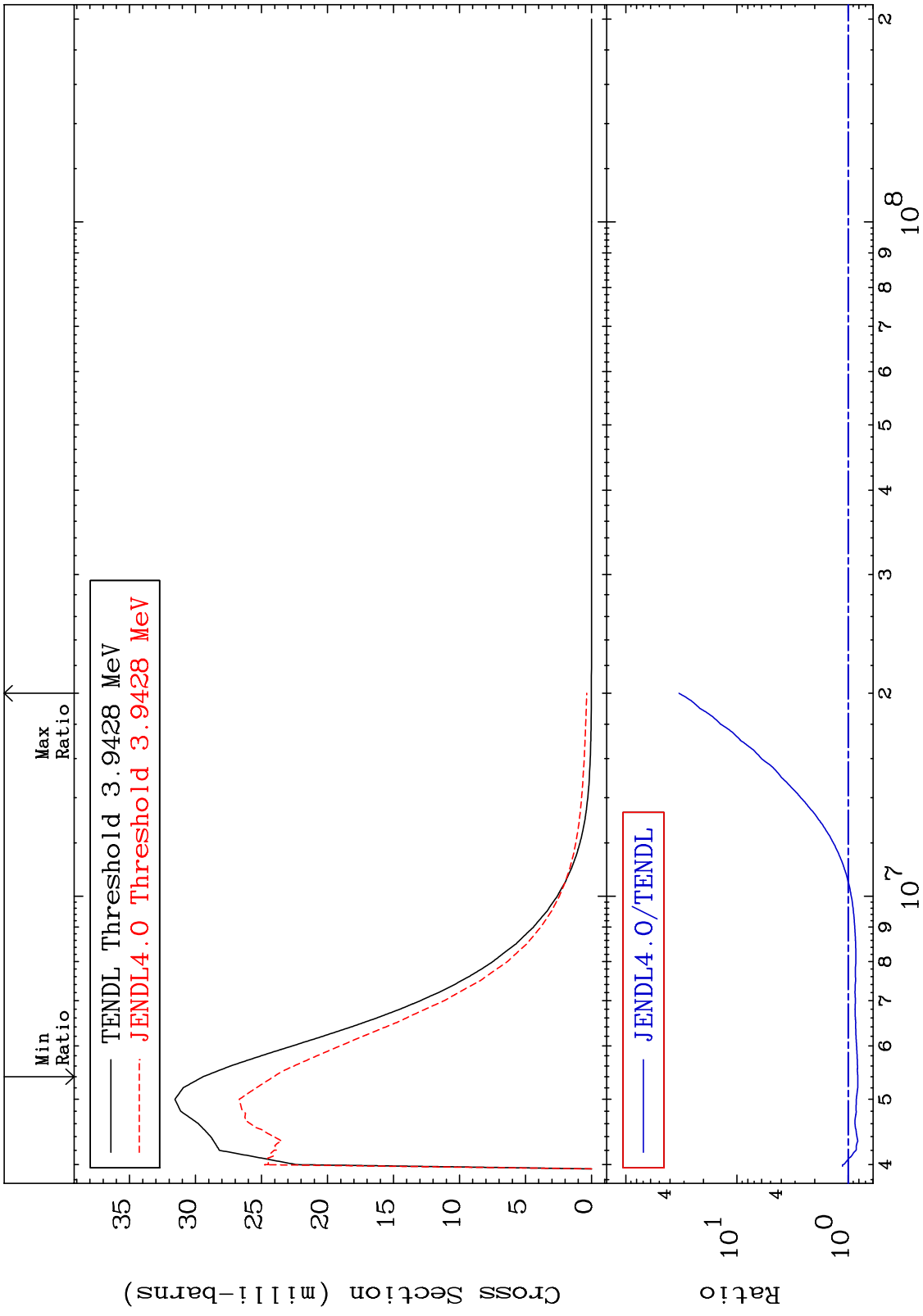
MAT 2437

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

24-Cr-54
-21.76 To 386.5 %



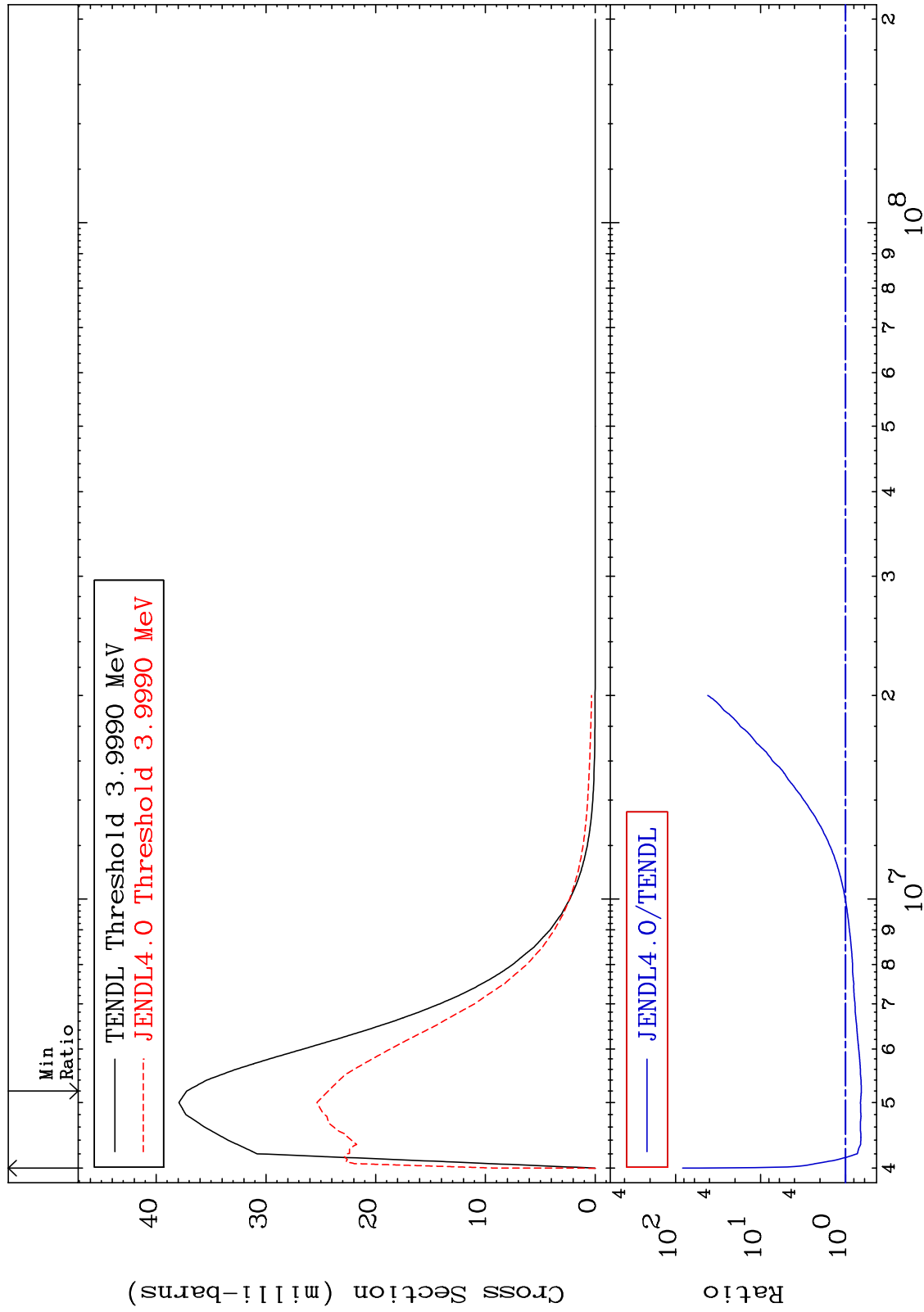
MAT 2437 MT= 67 (n,n') Level Cross Section -18.14 To 3223. % 24-Cr-54



MAT 2437

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

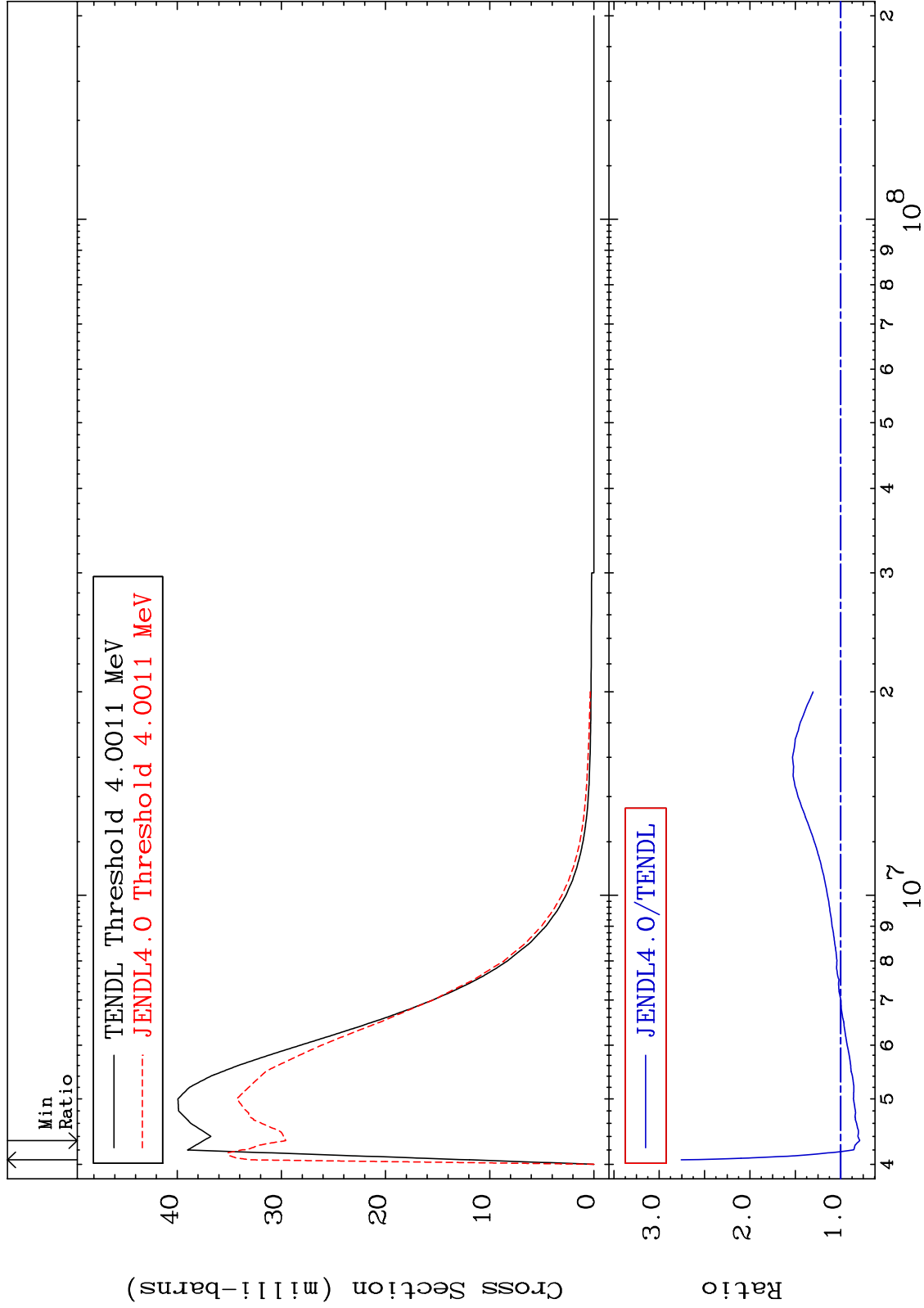
24-Cr-54
-34.65 To 8160. %



MAT 2437

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

24-Cr-54
-21.09 To 175.7 %

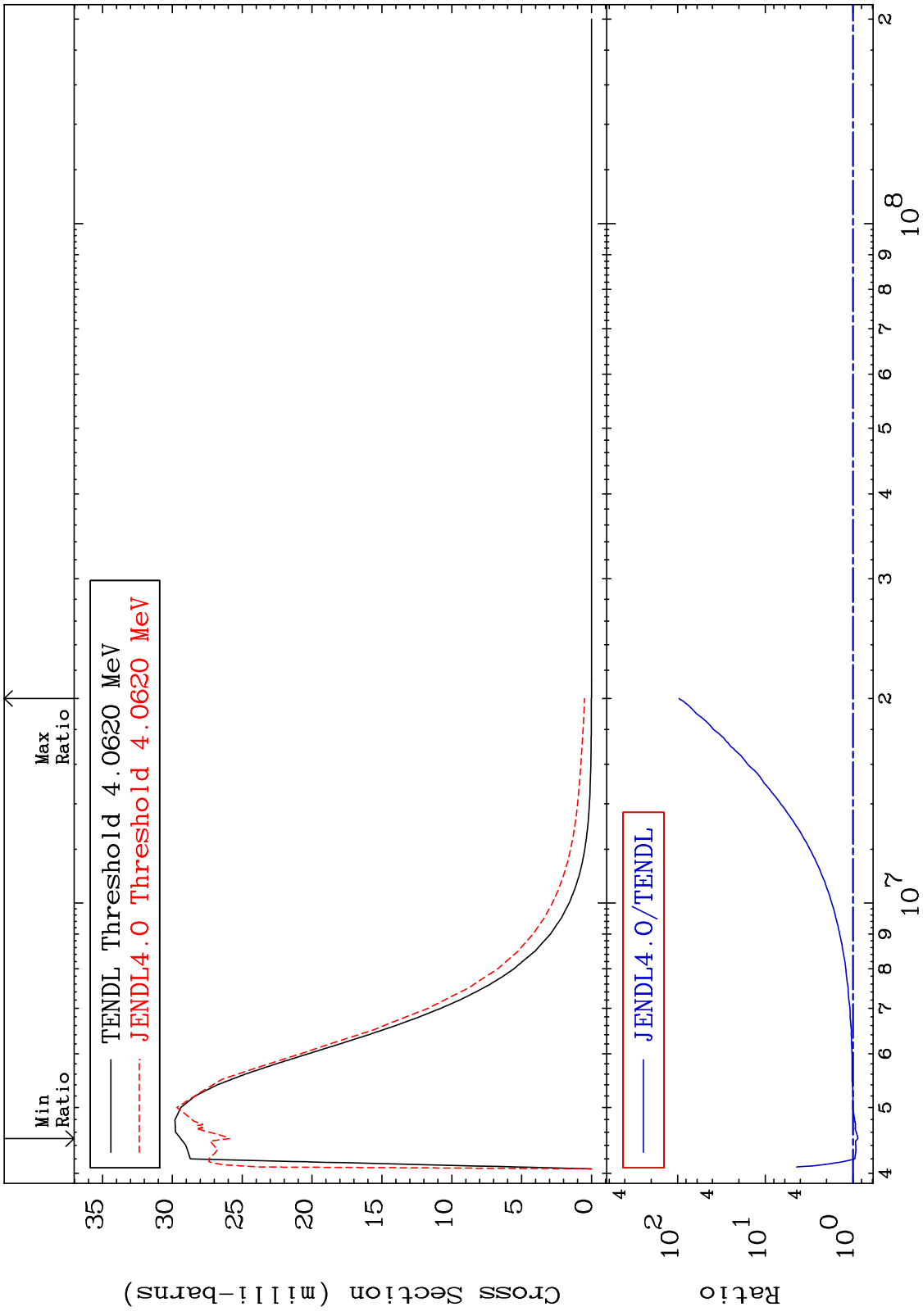


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Incident Energy (eV)

24-Cr-54

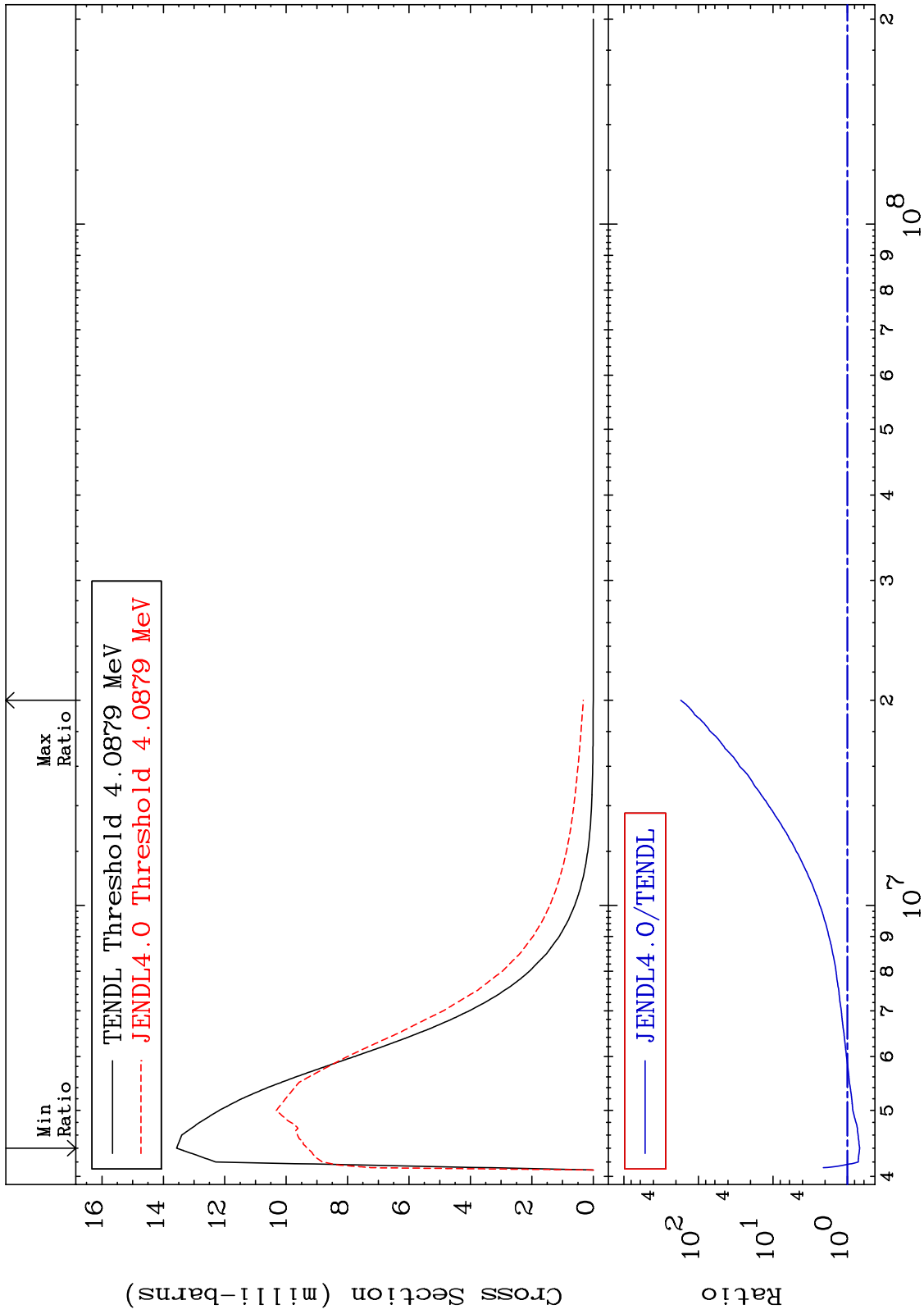
MAT 2437 MT= 70 (n,n') Level Cross Section -11.88 To 9518. % 24-Cr-54



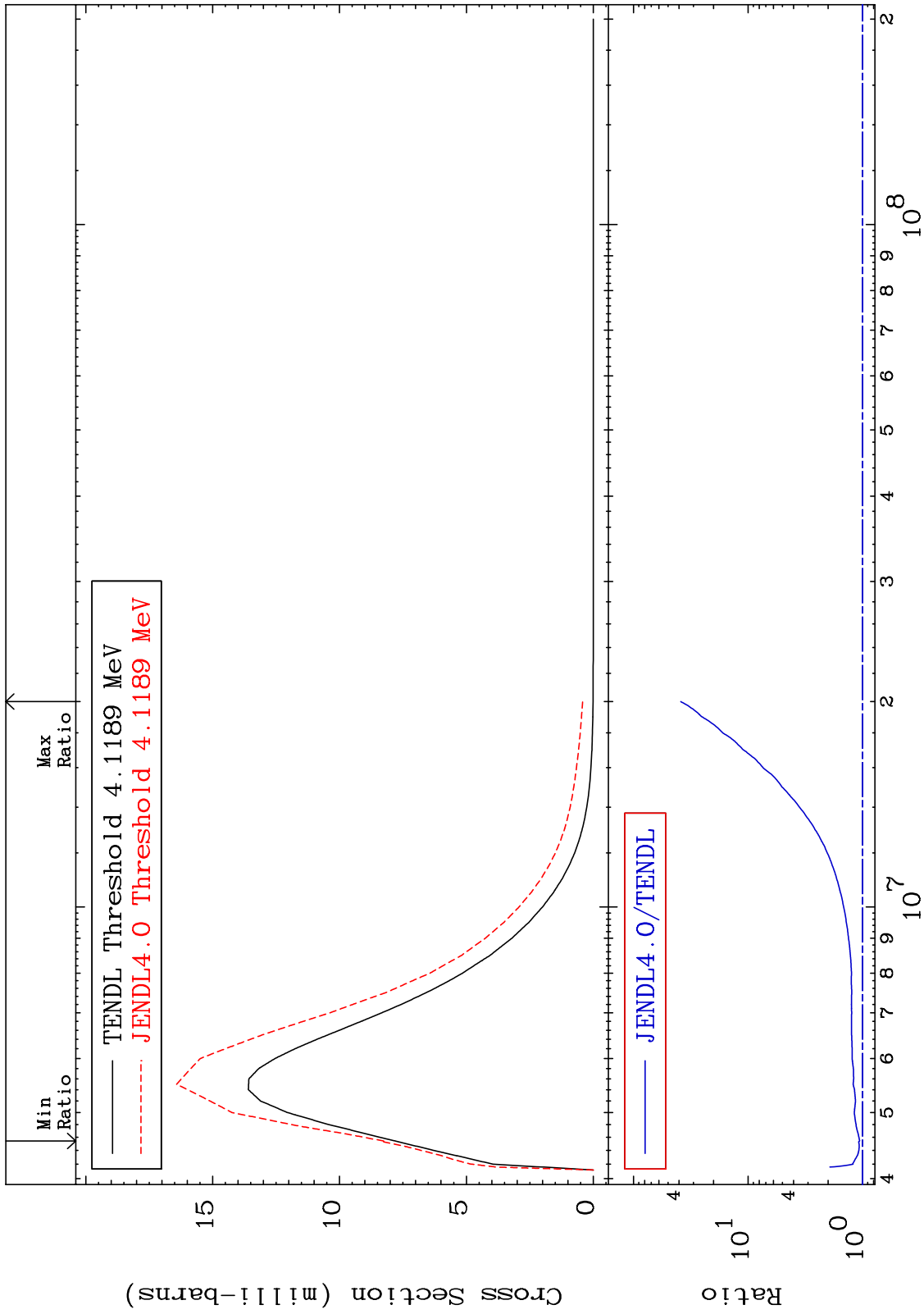
MAT 2437

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

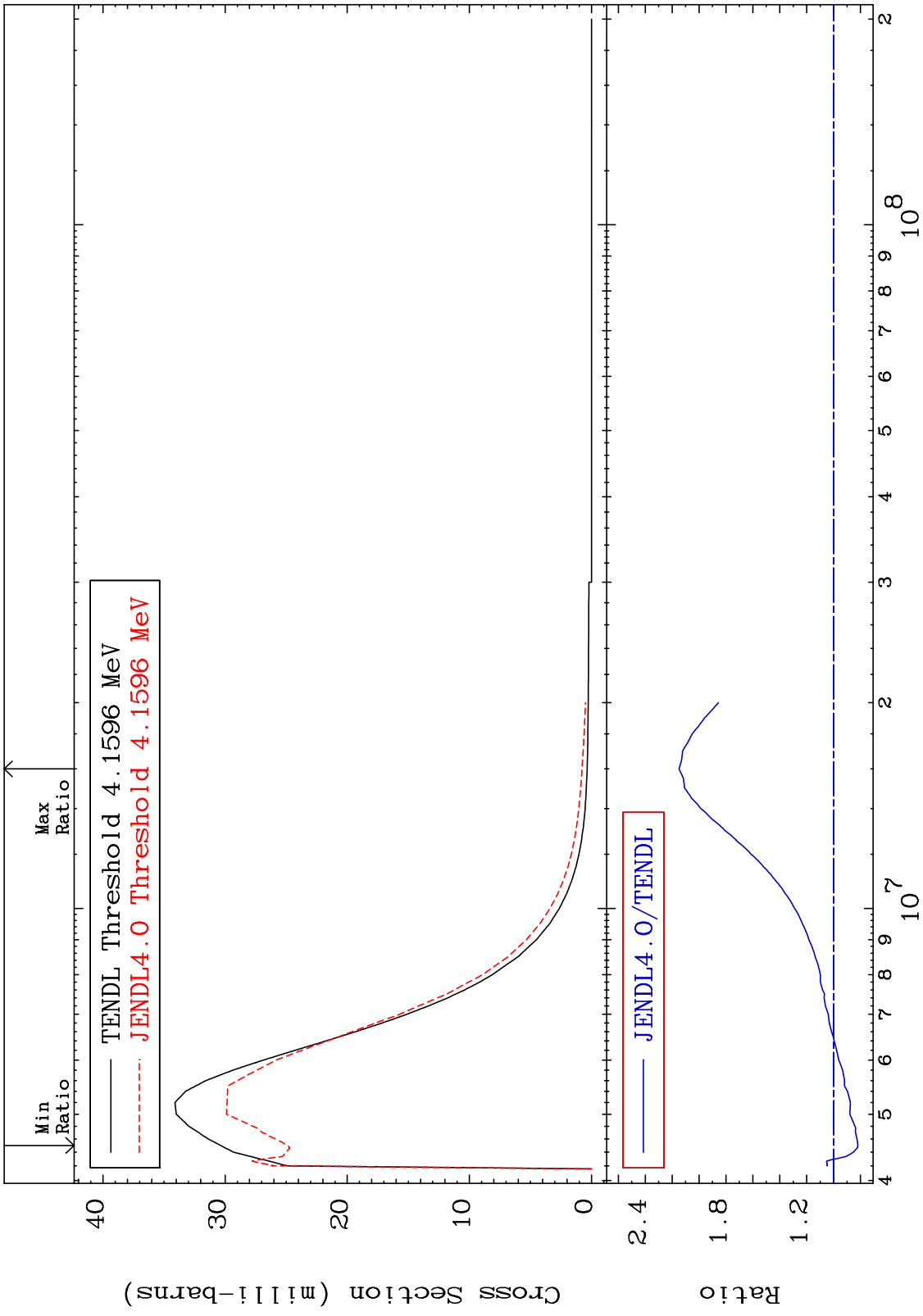
24-Cr-54
-31.41 To 9999. %



MAT 2437 MT= 72 (n,n') Level Cross Section 24-Cr-54
 6.012 To 3764. %



MAT 2437 MT= 73 (n,n') Level Cross Section -18.05 To 114.9 % 24-Cr-54

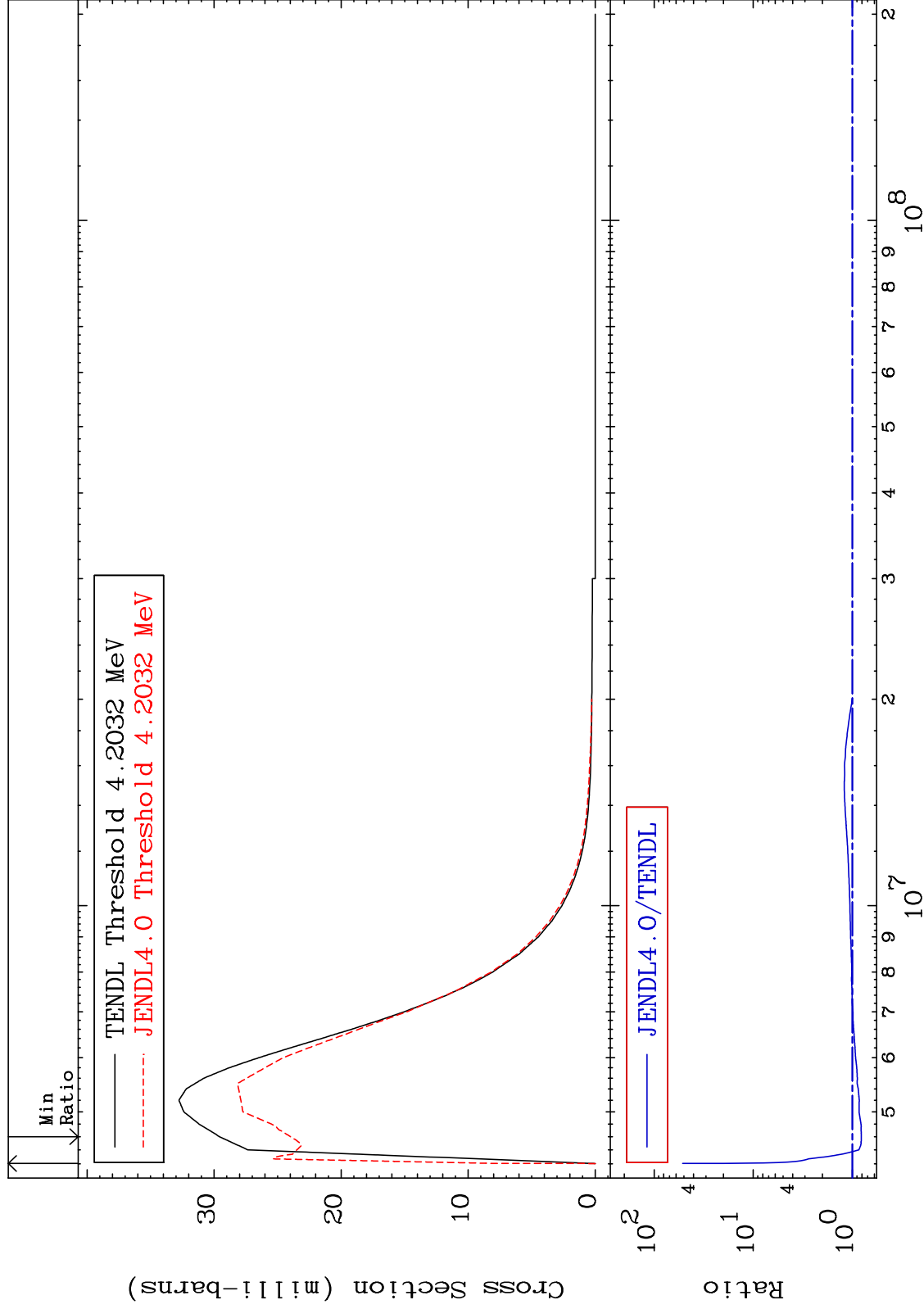


30 24-Cr-54

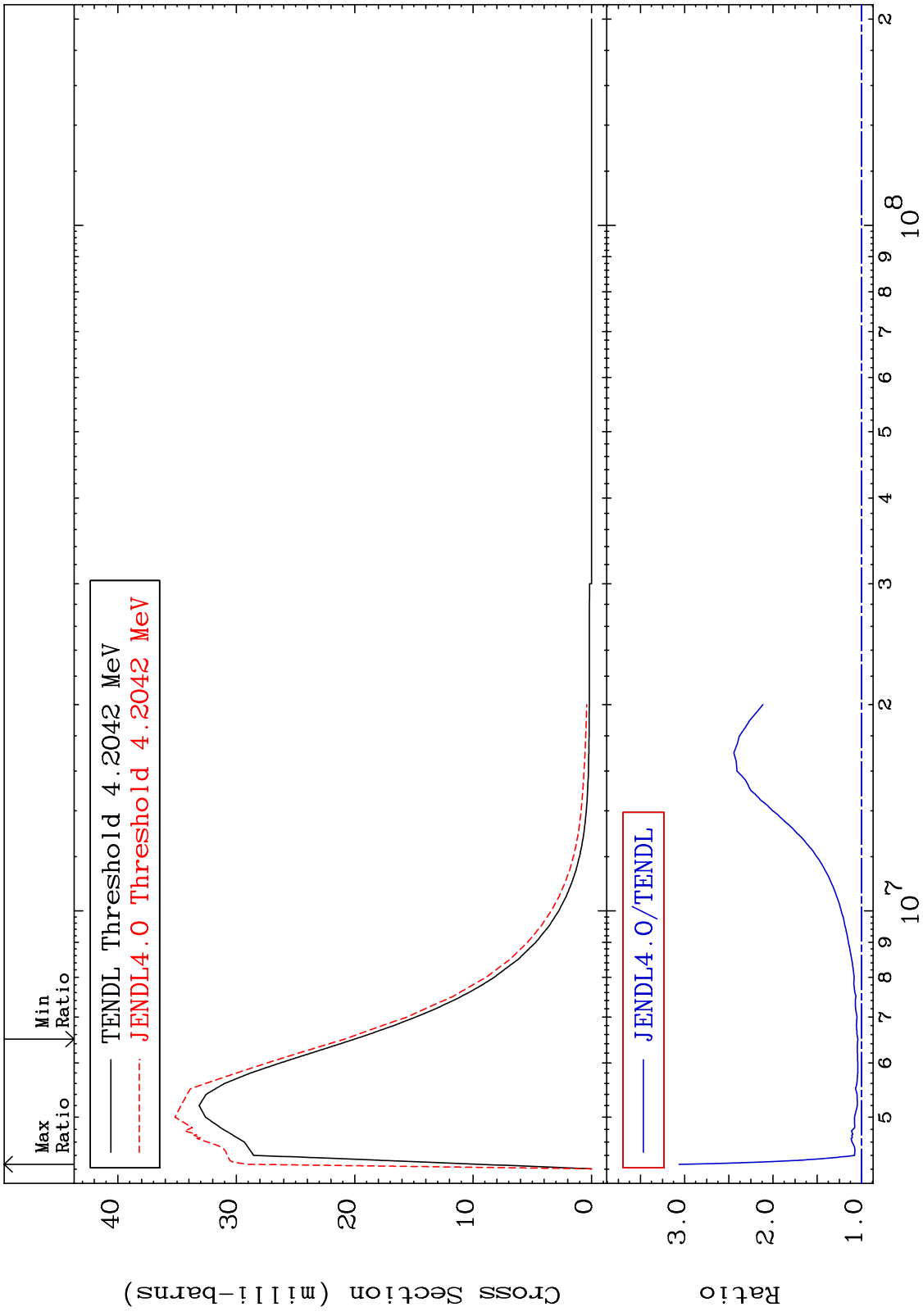
MAT 2437

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

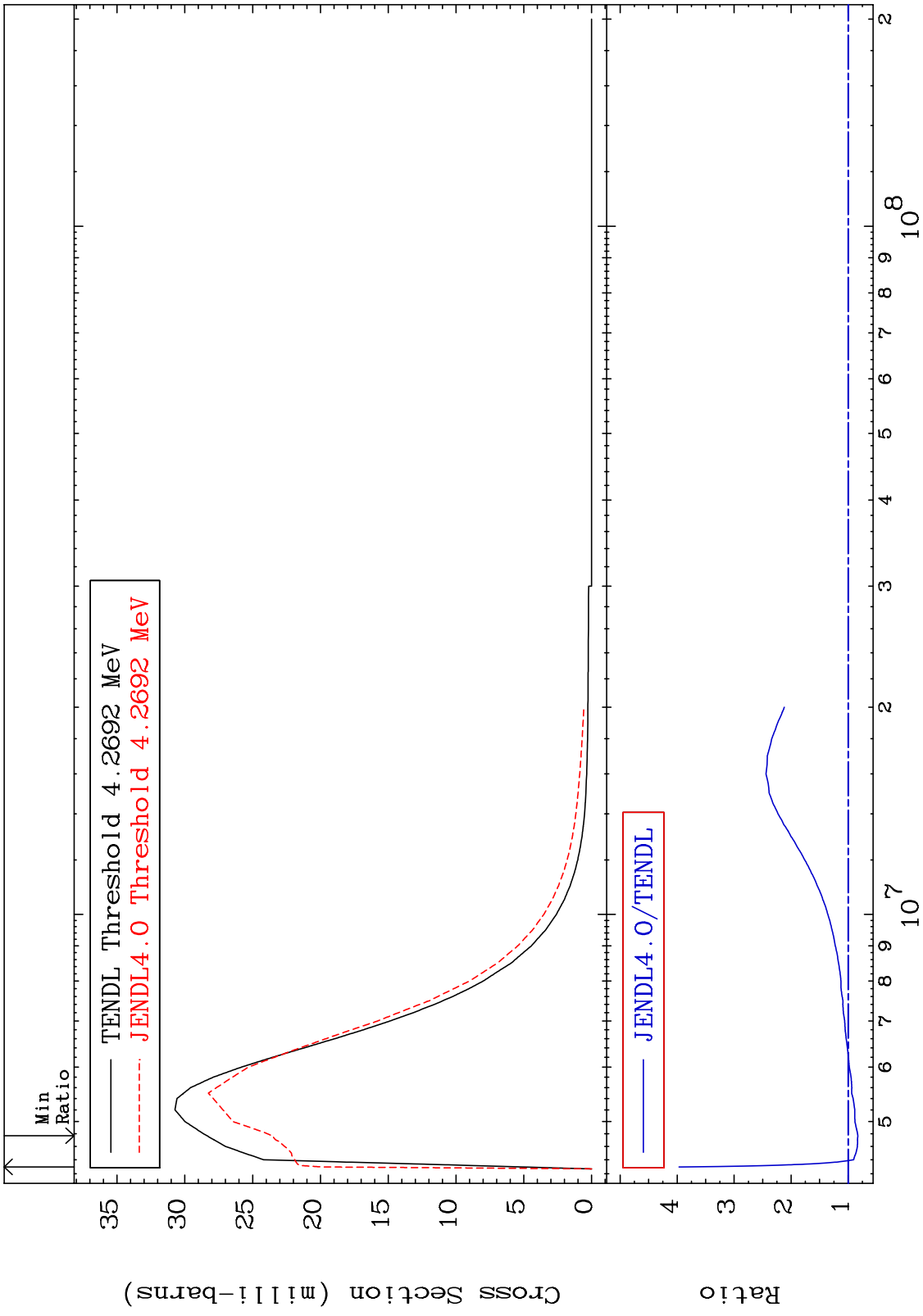
24-Cr-54
-18.90 To 5049. %



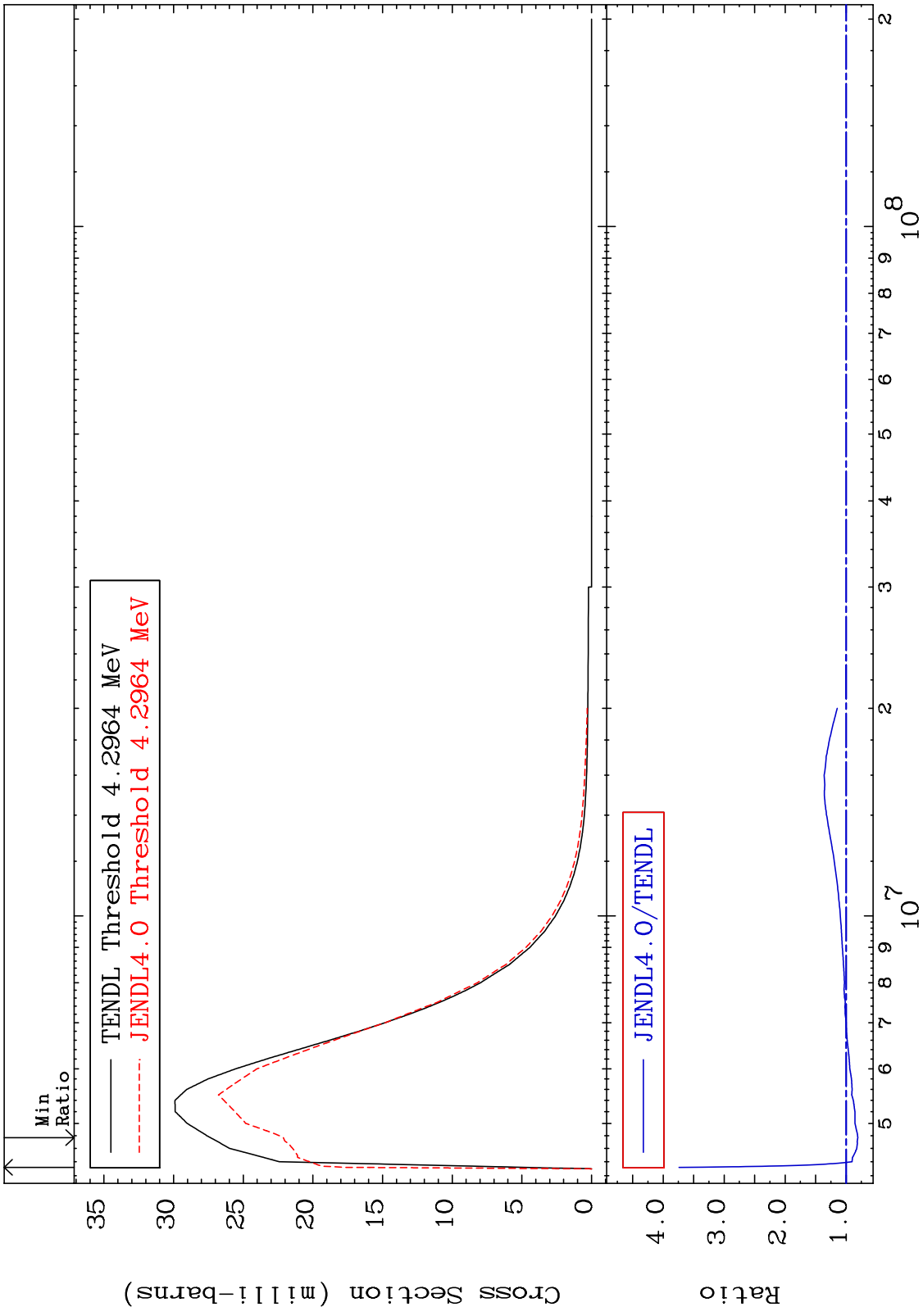
MAT 2437 MT= 75 (n,n') Level Cross Section 24-Cr-54 4.068 To 206.3 %



MAT 2437 MT= 76 (n,n') Level 24-Cr-54
 Cross Section -17.00 To 296.7 %



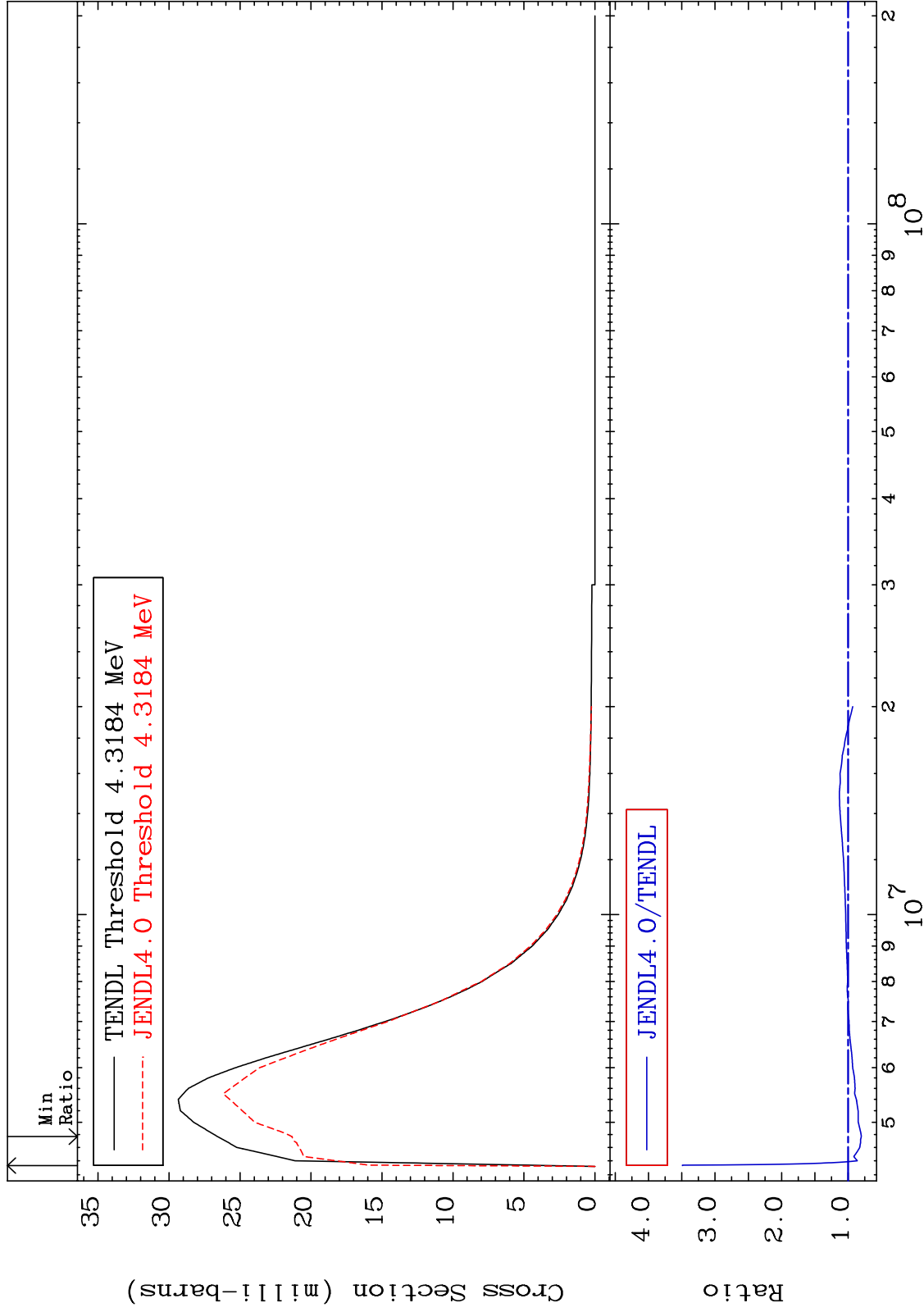
MAT 2437 MT= 77 (n,n') Level Cross Section -19.17 To 274.0 % 24-Cr-54



MAT 2437

MT= 78 (n,n') Level
Cross Section

24-Cr-54
-19.72 To 249.0 %

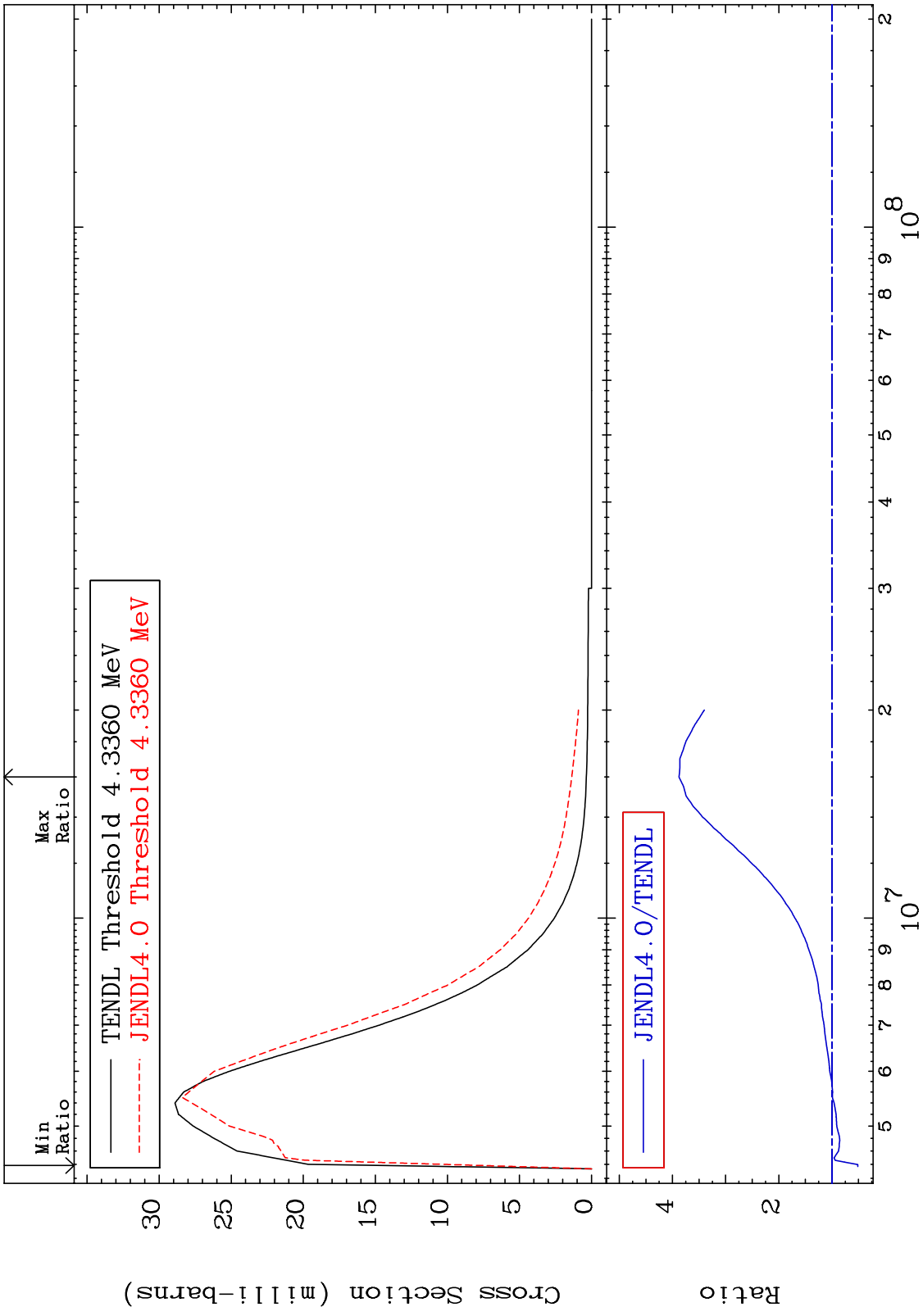


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Incident Energy (eV)

24-Cr-54

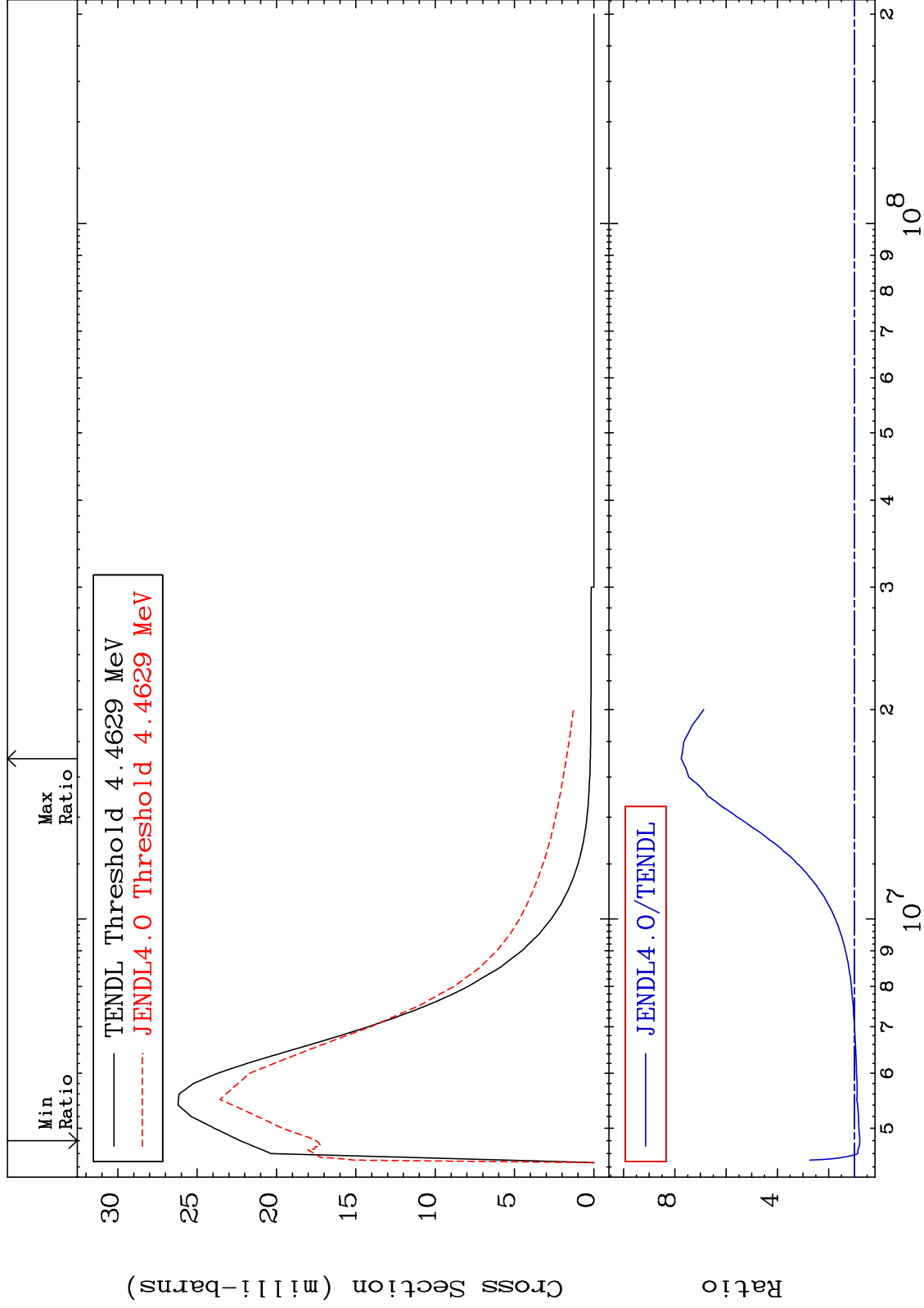
MAT 2437 MT= 79 (n,n') Level 24-Cr-54
 Cross Section -48.72 To 287.6 %



MAT 2437

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

24-Cr-54
-21.37 To 674.9 %

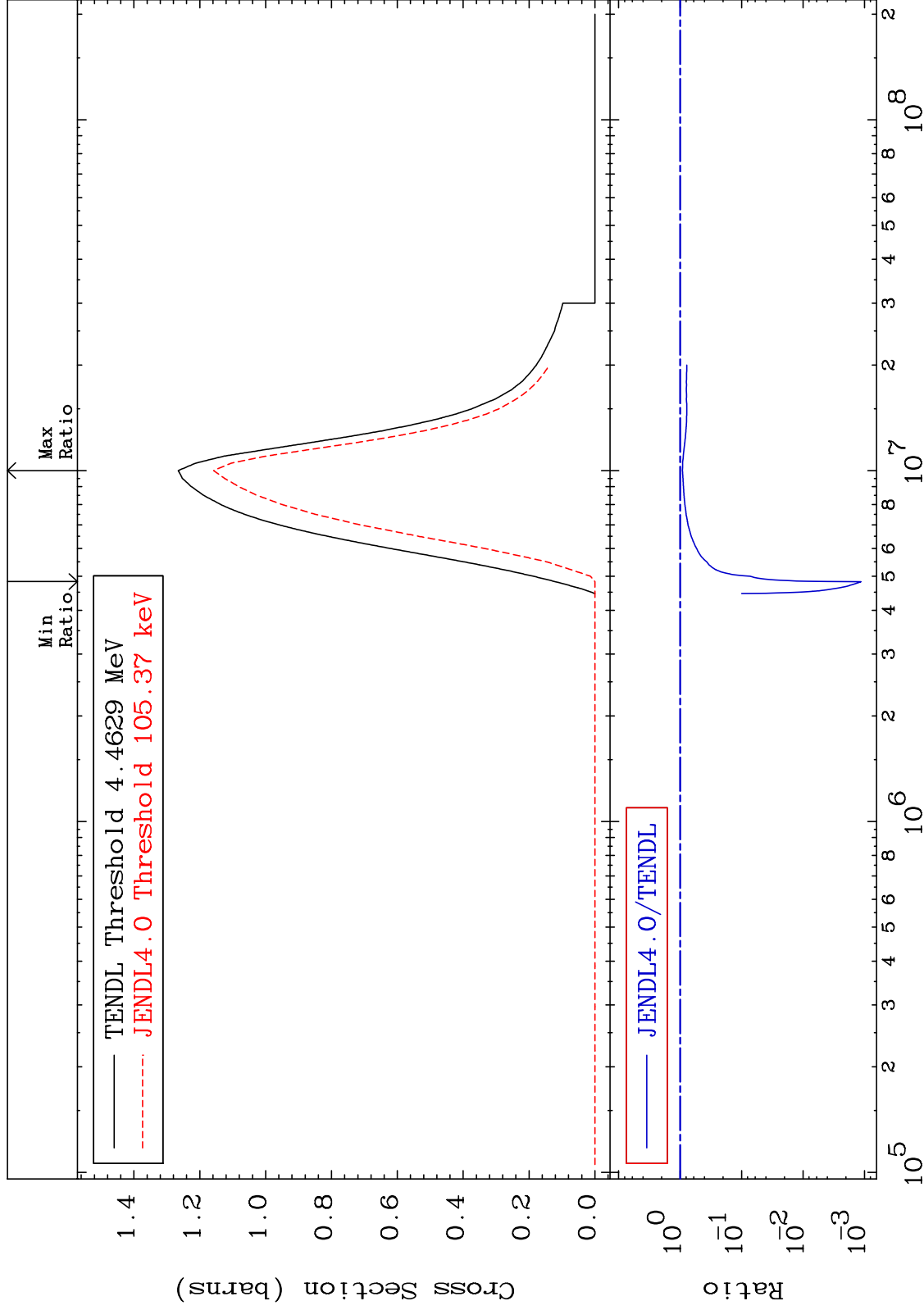


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MAT 2437

(n, n') Continuum
Cross Section

24-Cr-54
-99.89 To -8.470%



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Incident Energy (eV)

24-Cr-54

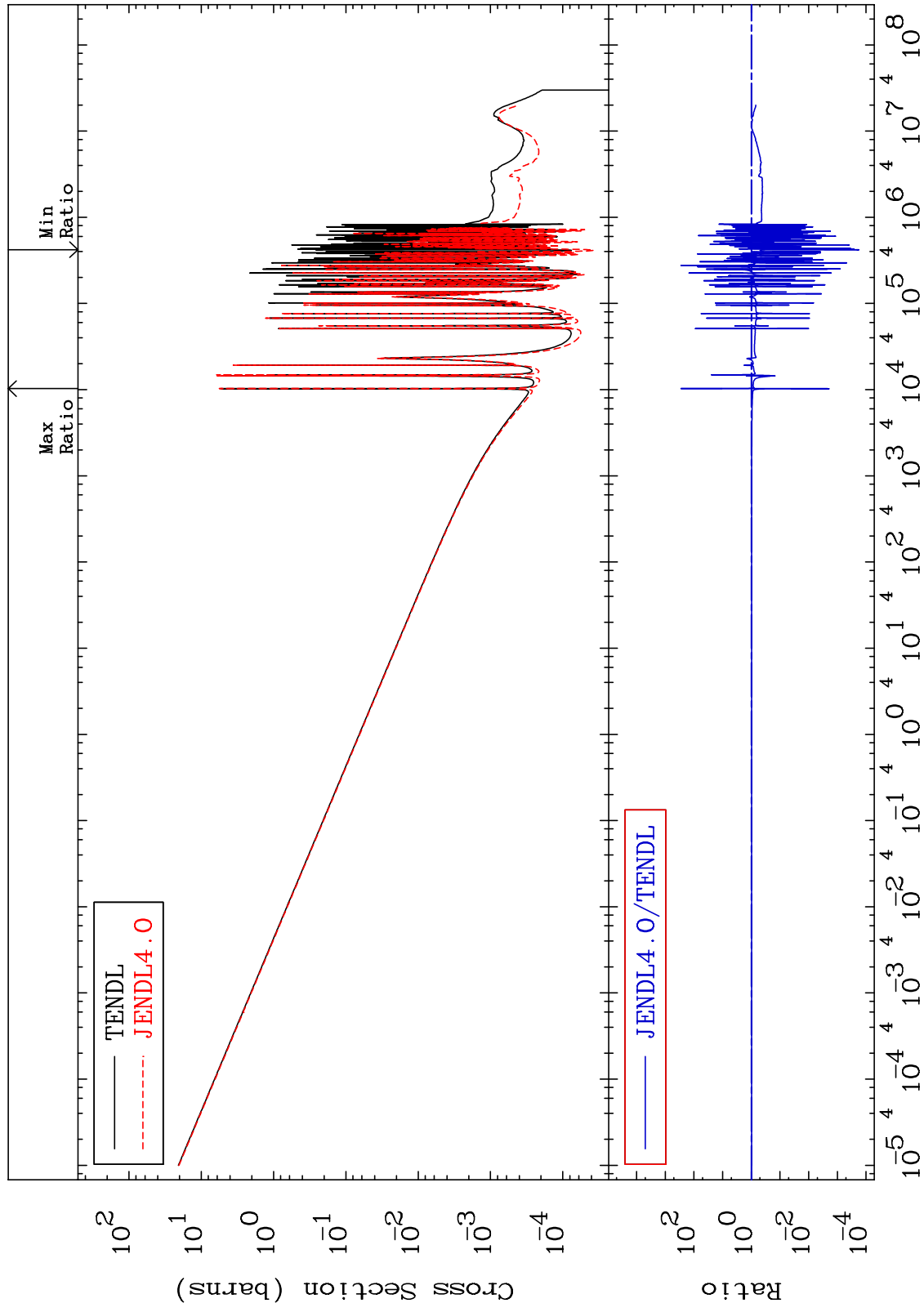
MAT 2437

(n, γ)

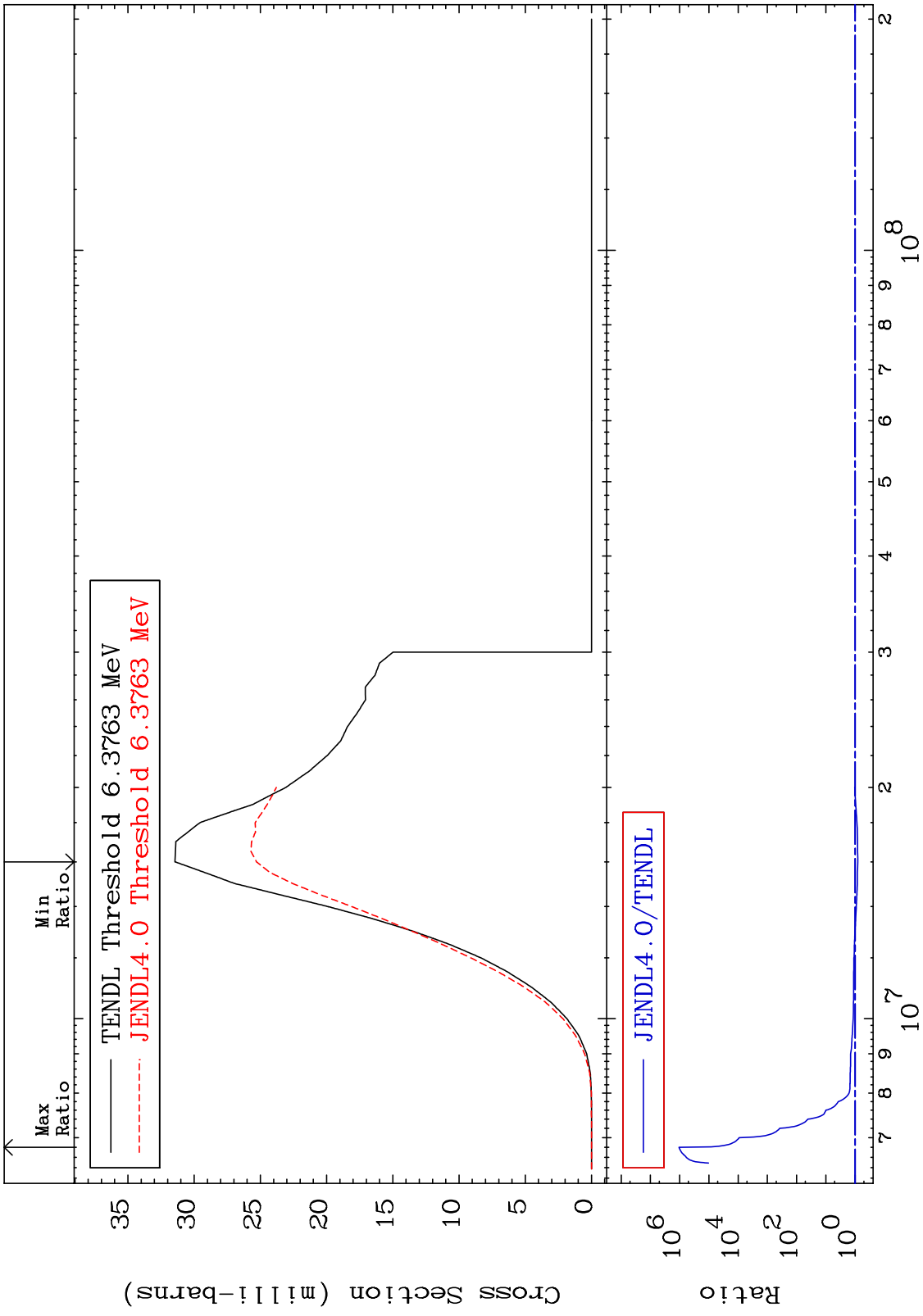
24-Cr-54

Cross Section

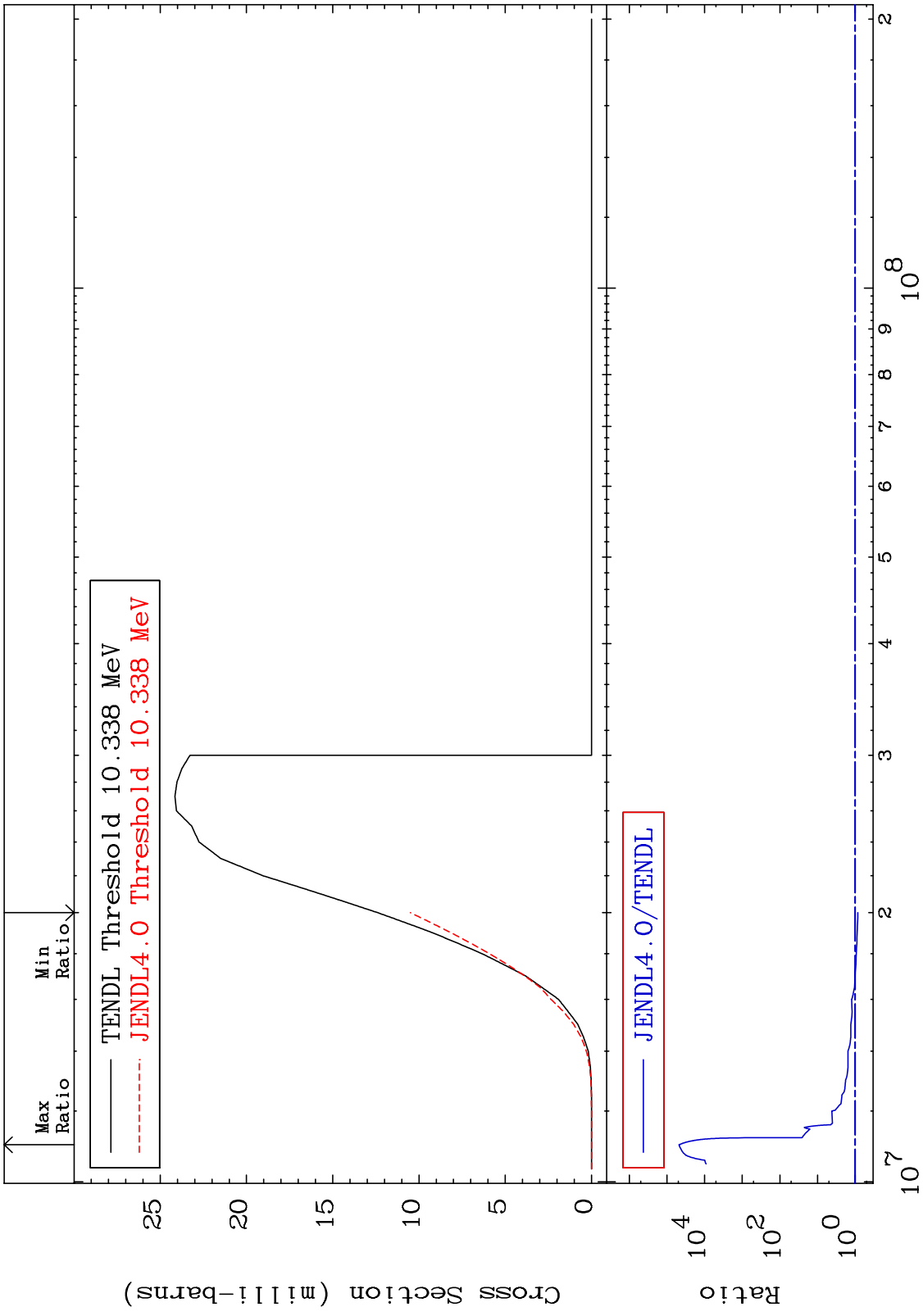
-99.98 To 9999. %



MAT 2437 (n,p) 24-Cr-54
Cross Section -19.57 To 9999. %

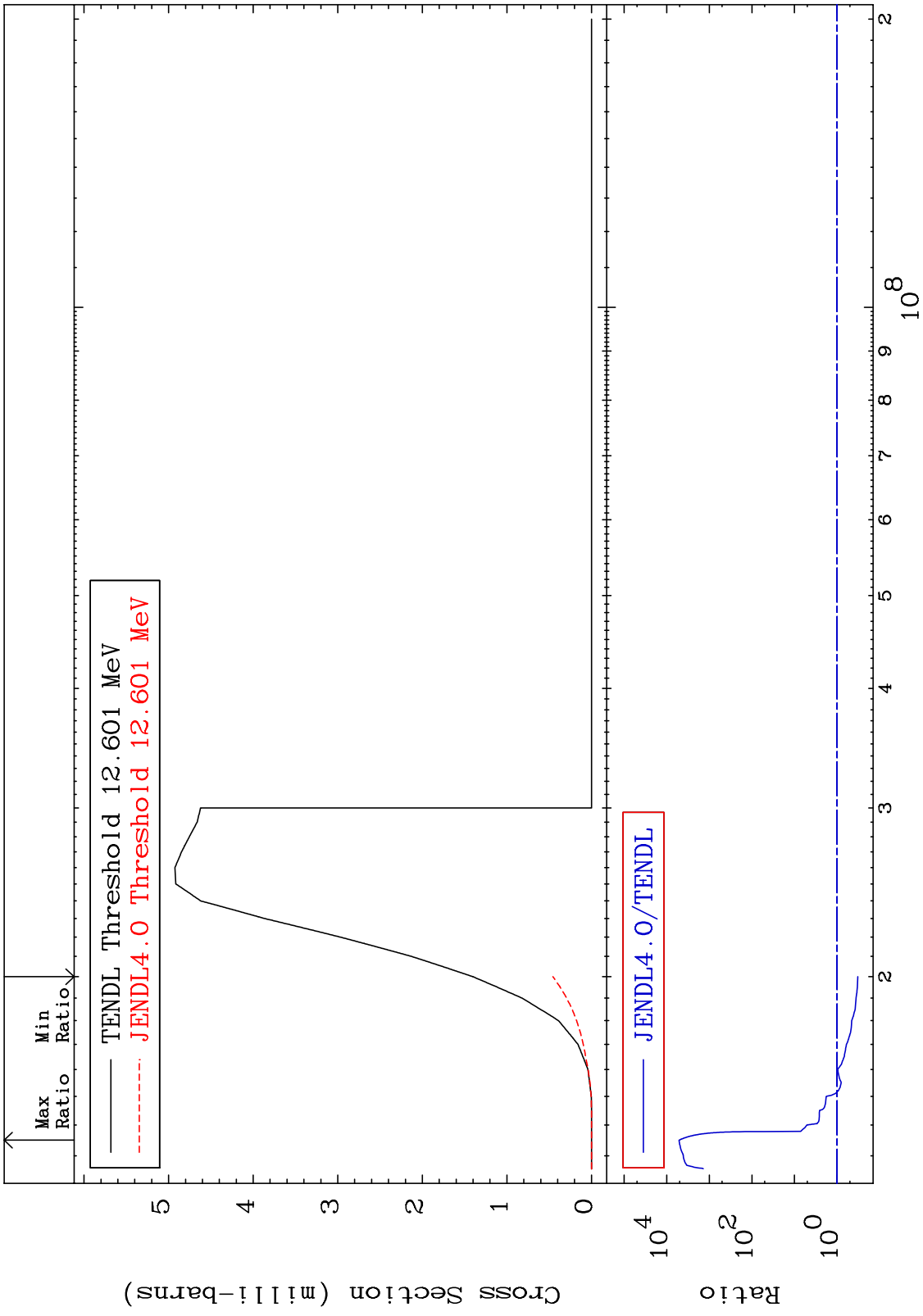


MAT 2437 (n,d) 24-Cr-54
Cross Section -15.30 To 9999. %

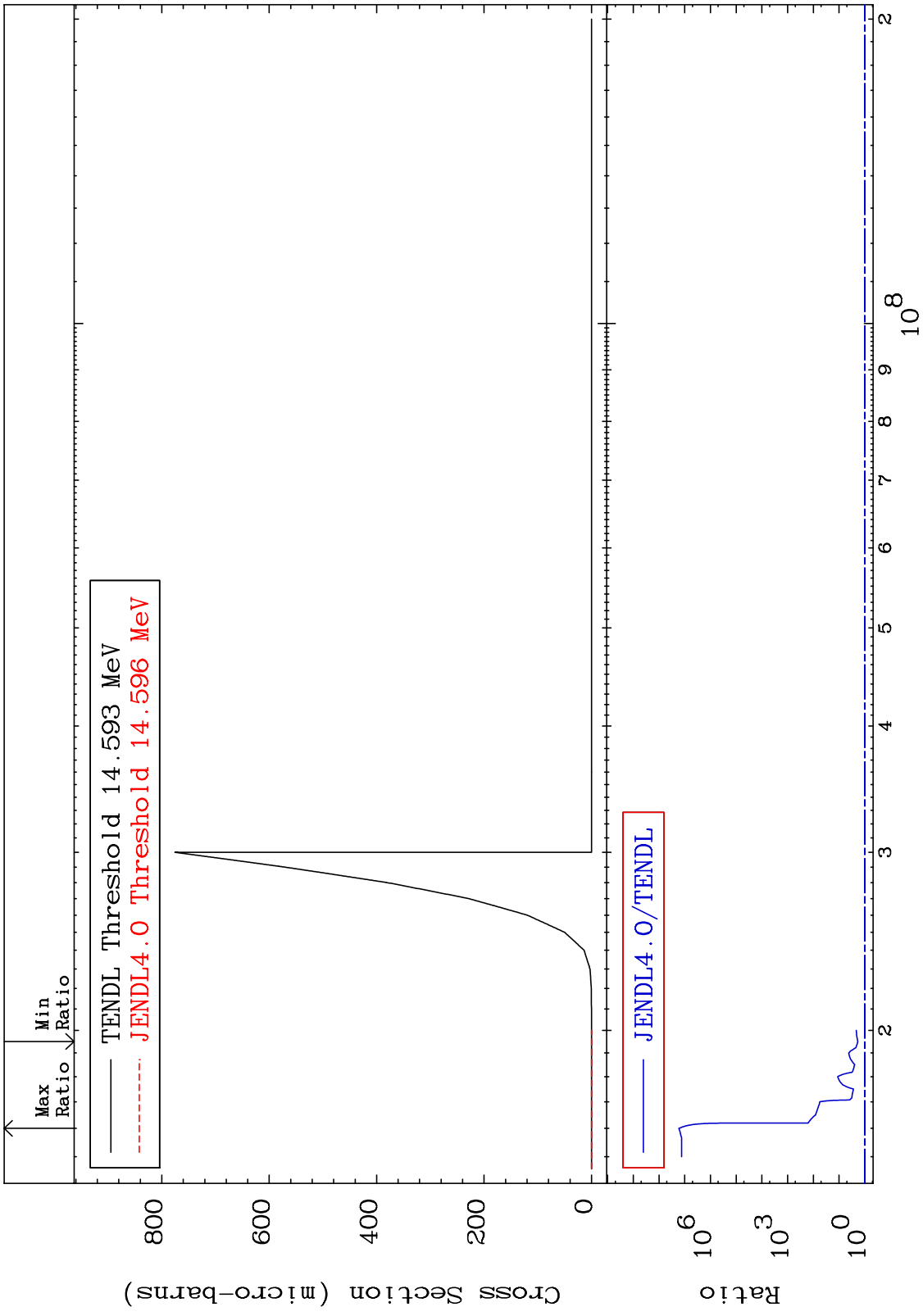


41 24-Cr-54

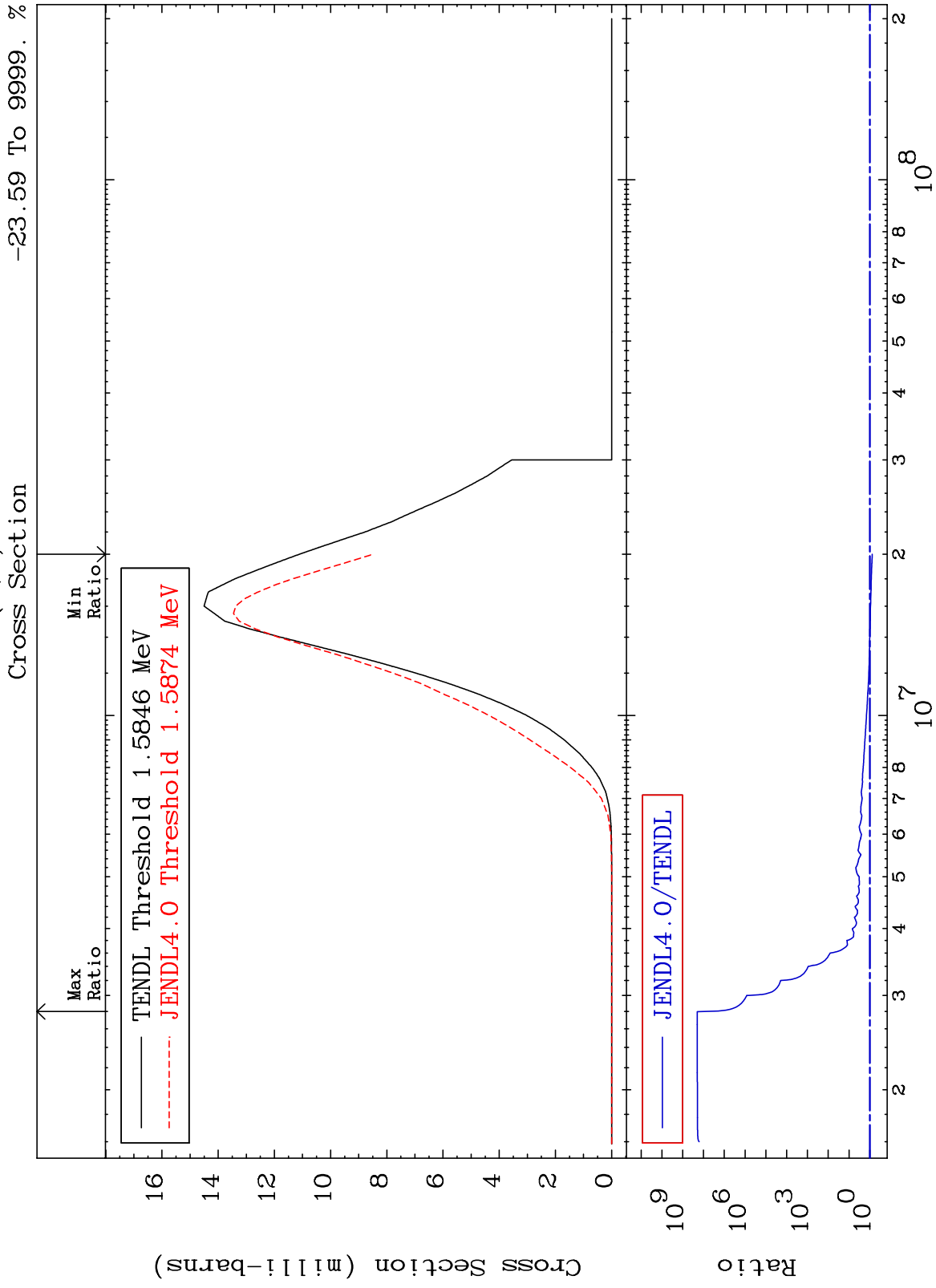
MAT 2437 (n,t) 24-Cr-54
 Cross Section -67.46 To 9999. %



MAT 2437 (n, He-3) 24-Cr-54
 Cross Section 85.55 To 9999. %



MAT 2437 (n,α) 24-Cr-54 -23.59 To 9999. %



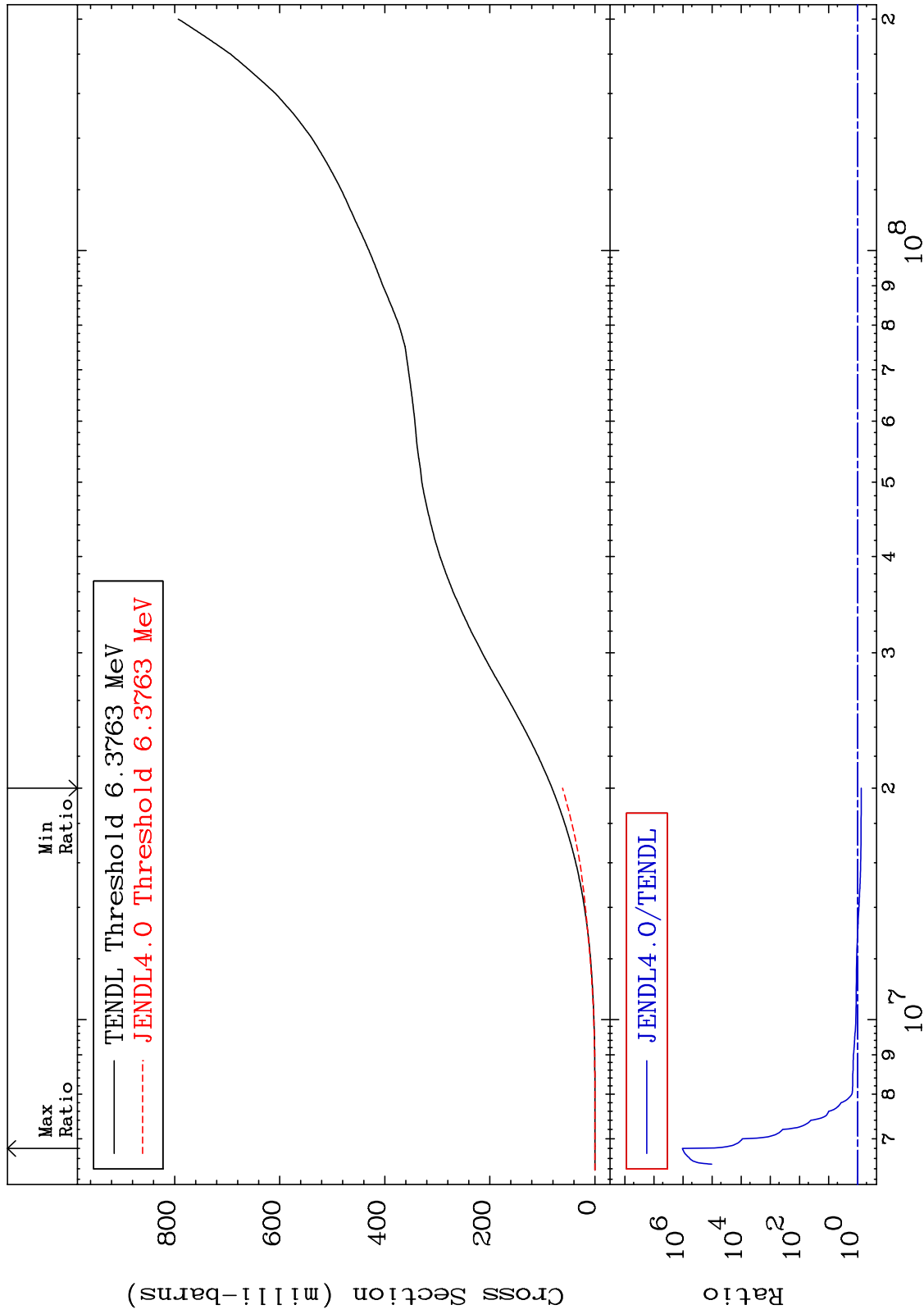
24-Cr-54

Incident Energy (eV)

MAT 2437

Hydrogen Production Cross Section

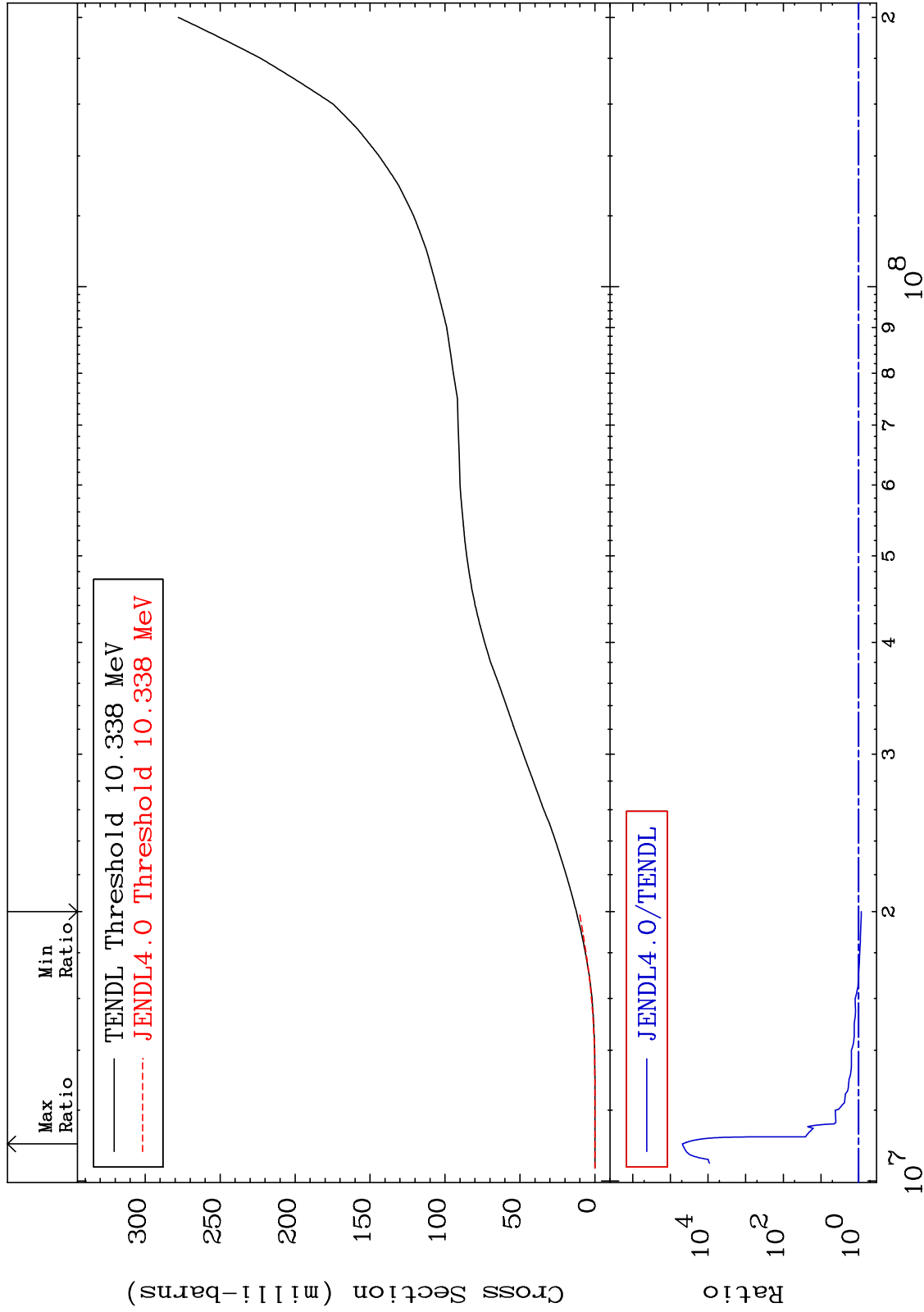
24-Cr-54
-24.68 To 9999. %



MAT 2437

Deuterium Production
Cross Section

24-Cr-54
-15.30 To 9999. %



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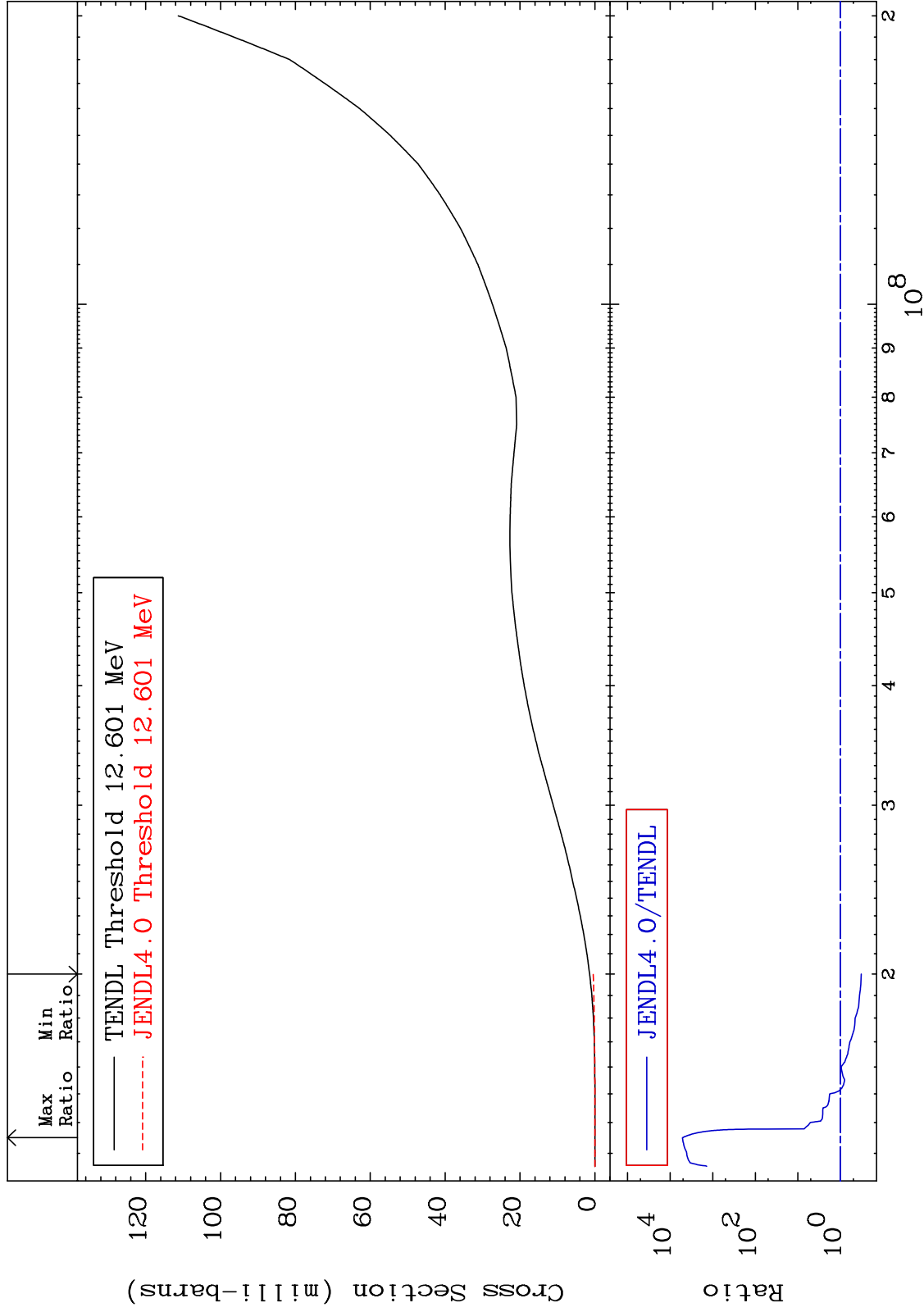
Incident Energy (eV)

24-Cr-54

MAT 2437

Tritium Production
Cross Section

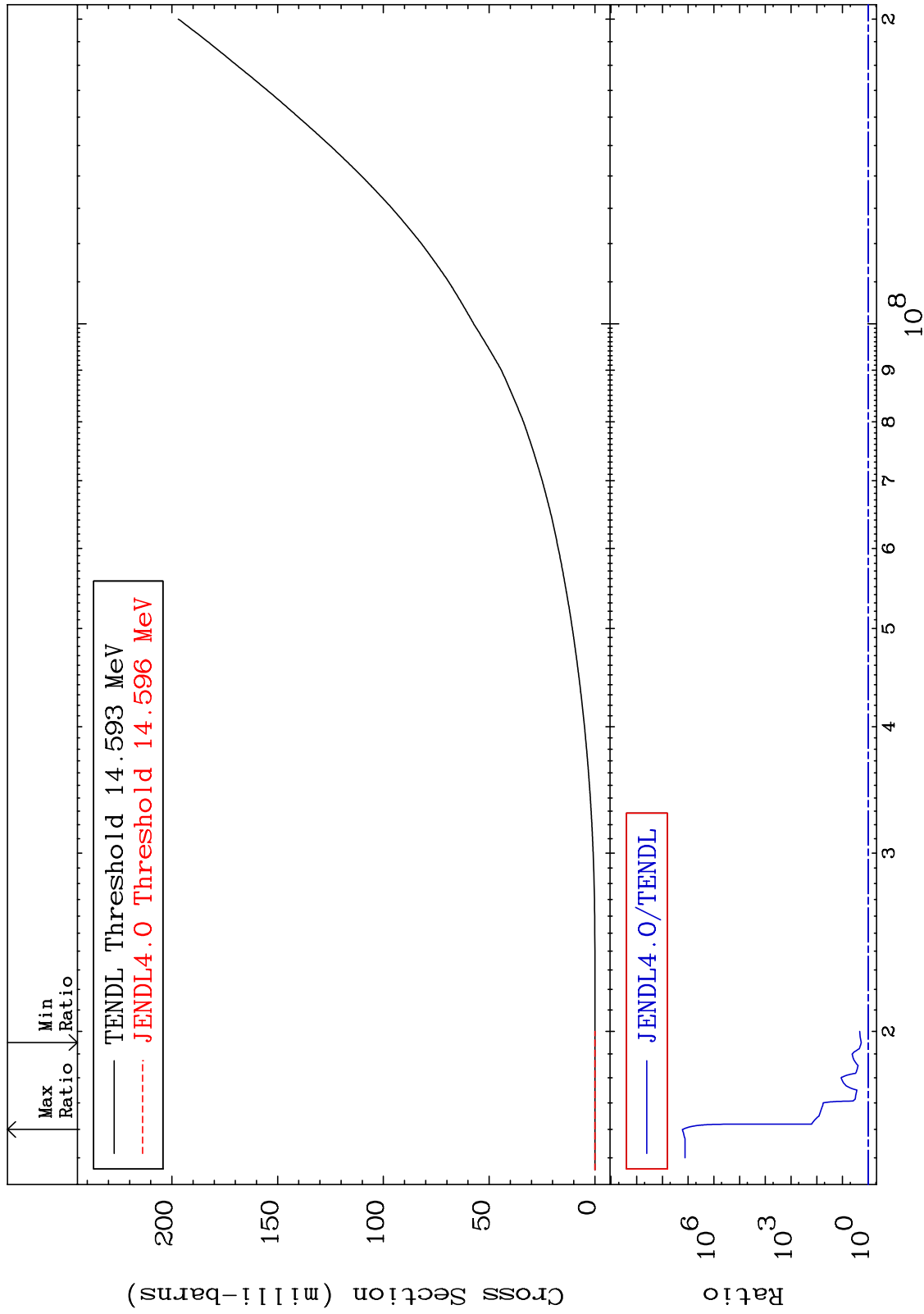
24-Cr-54
-67.46 To 9999. %



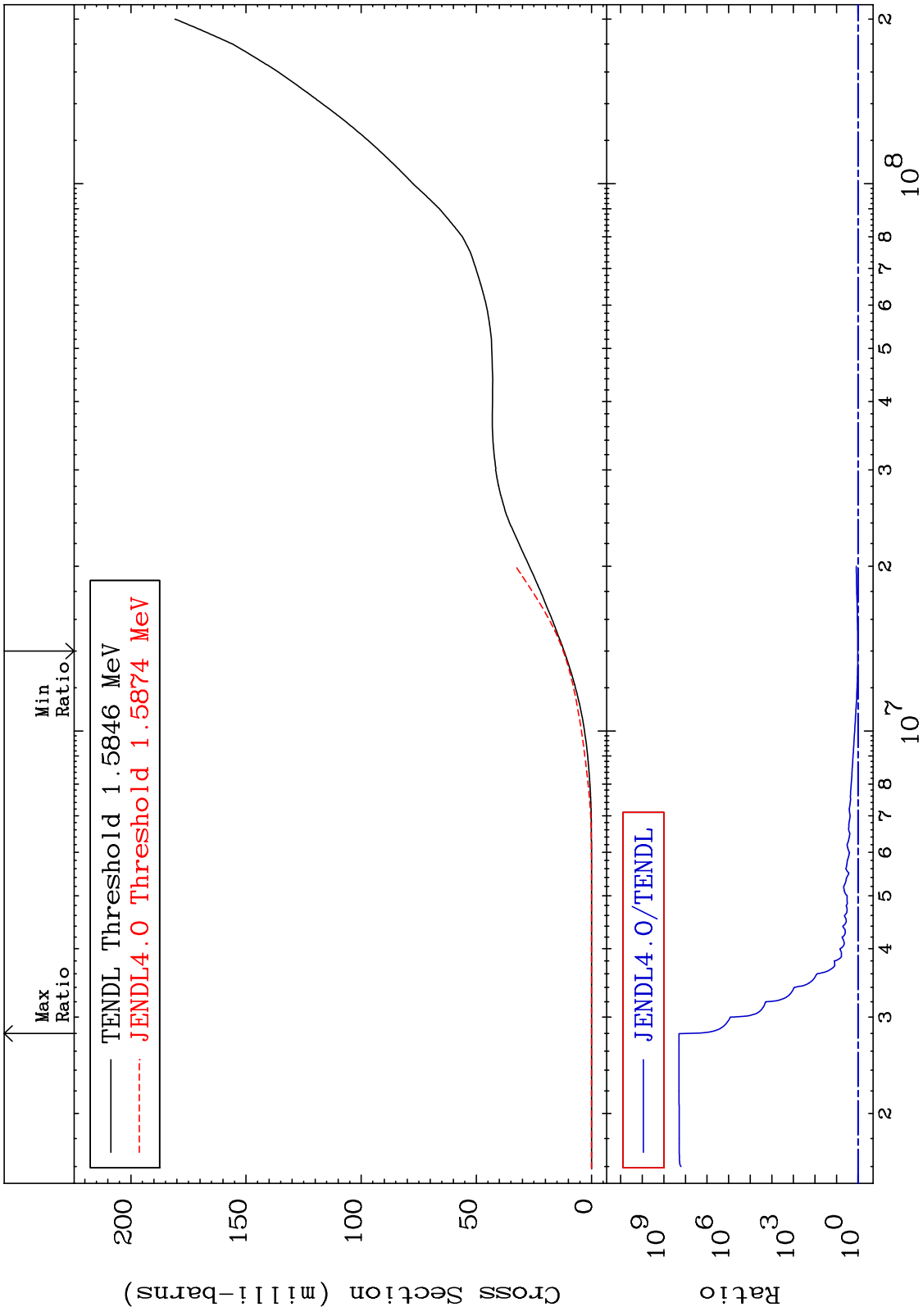
MAT 2437

He-3 Production
Cross Section

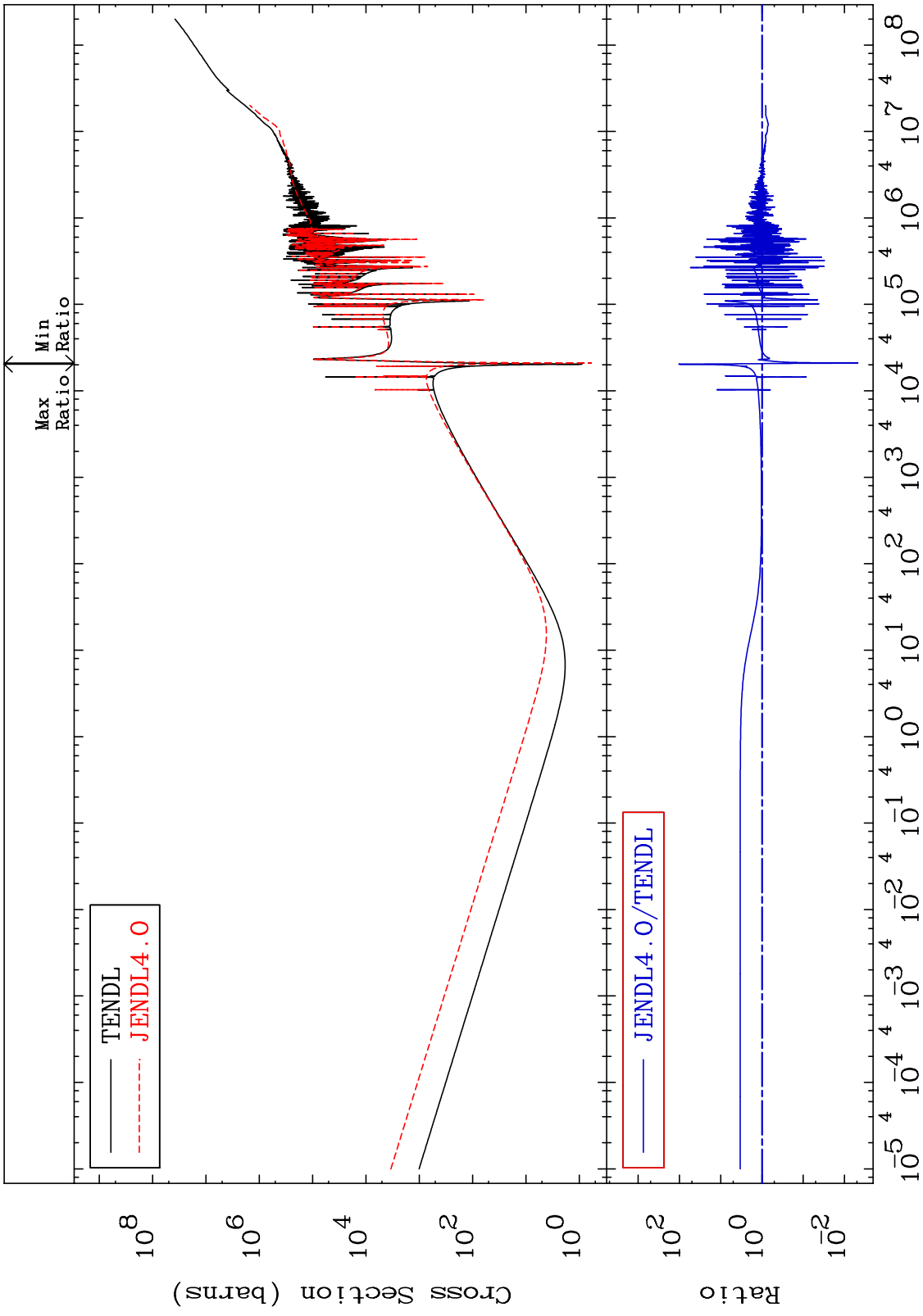
24-Cr-54
85.55 To 9999. %



MAT 2437 He-4 Production Cross Section 24-Cr-54 To 9999. %



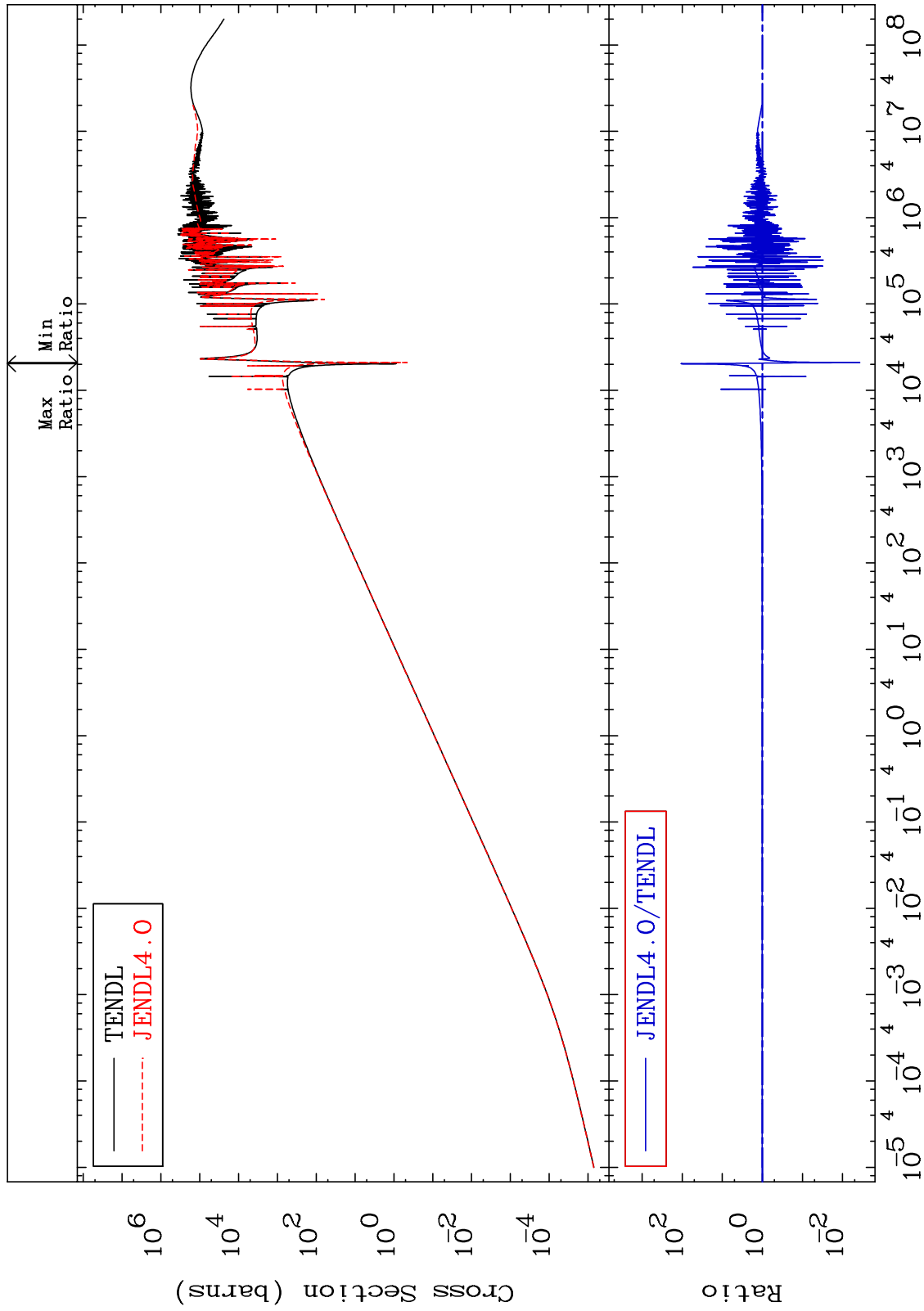
MAT 2437 Kerma total (eV-barns) Cross Section 24-Cr-54
 -99.53 To 9999. %



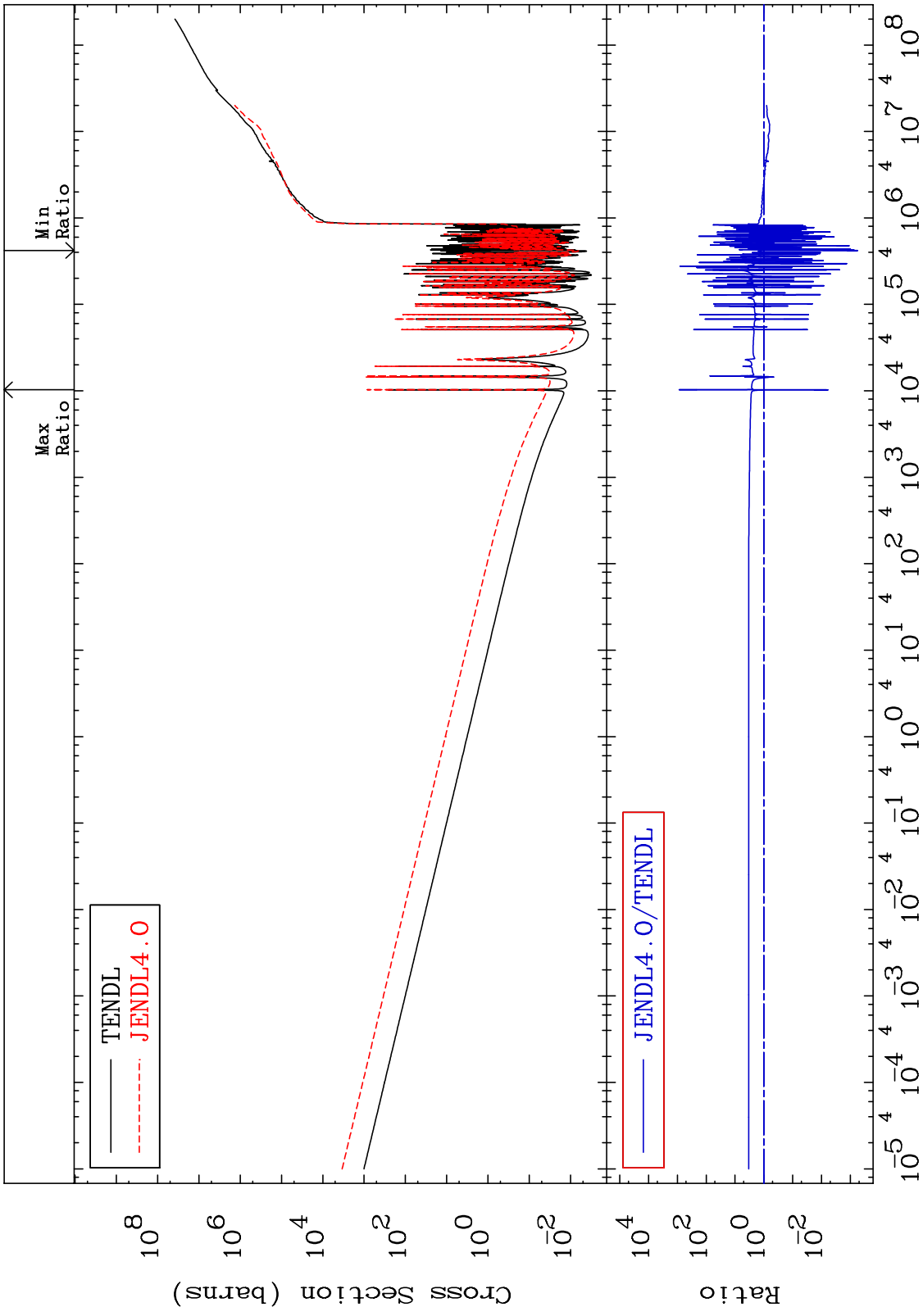
MAT 2437

Kerma elastic
Cross Section

24-Cr-54
-99.63 To 9999. %



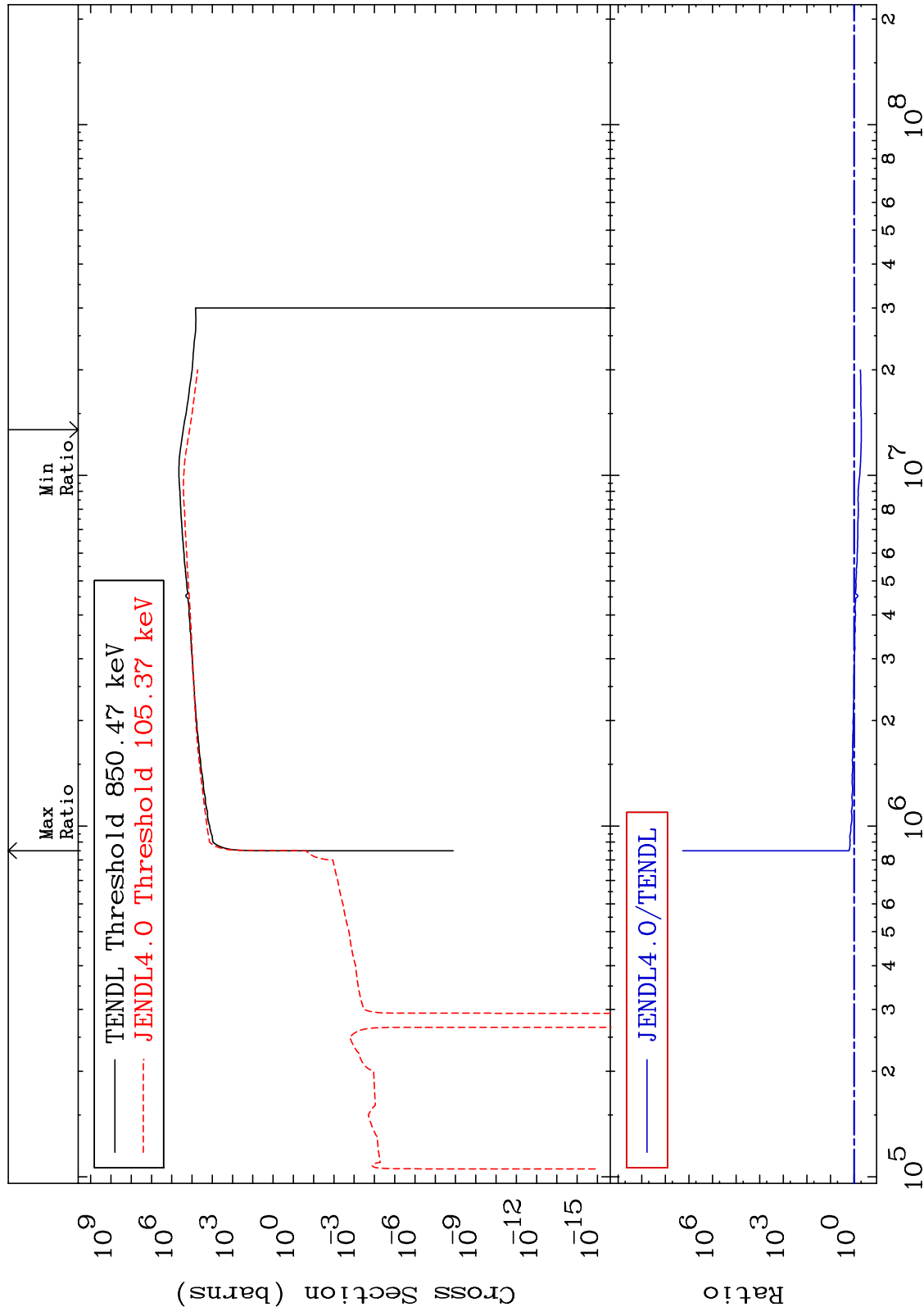
MAT 2437 Kerma non-elastic (all but mt2) 24-Cr-54
 Cross Section -99.95 To 9999. %



MAT 2437

Kerma inelastic (mt51-91)
Cross Section

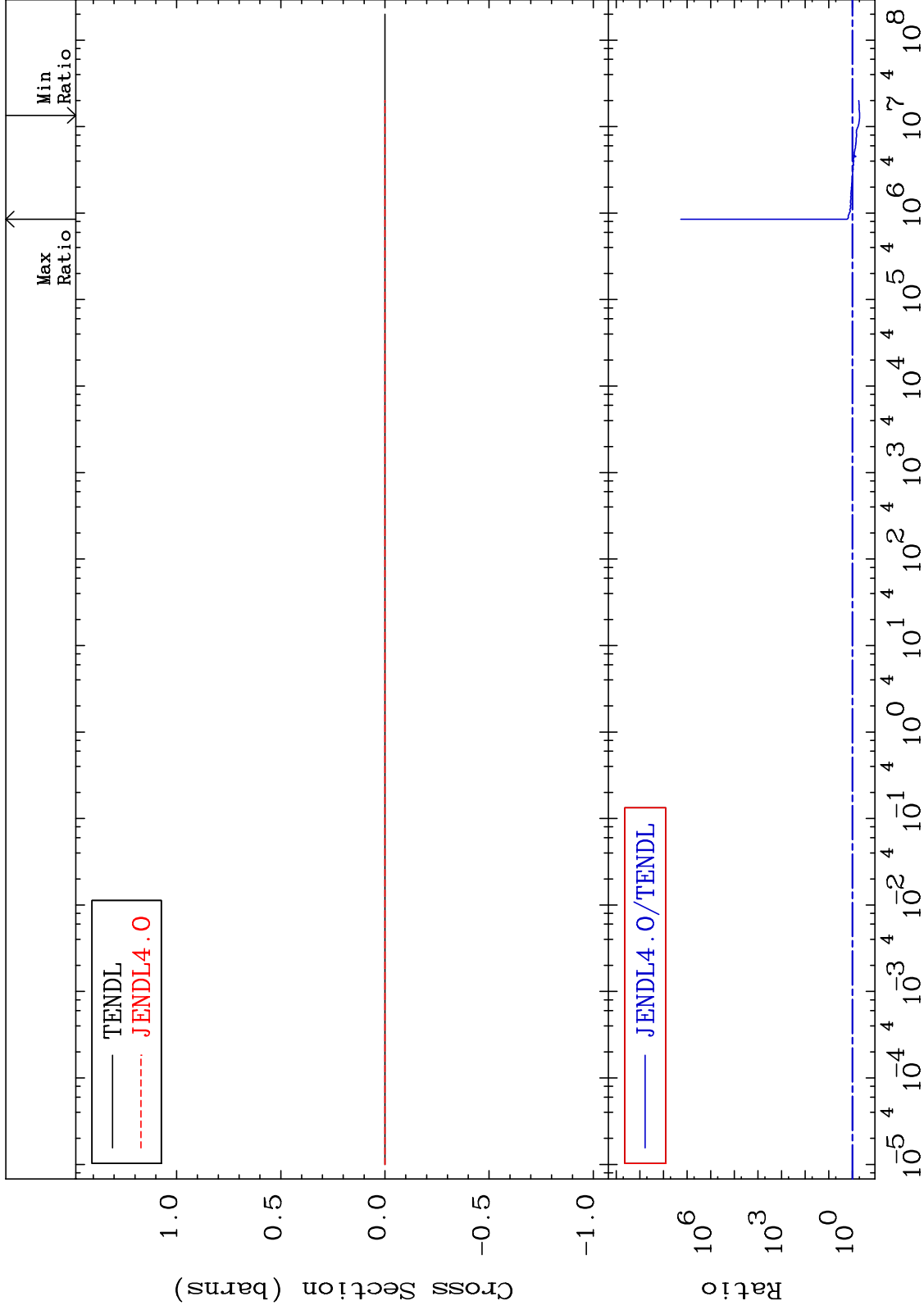
24-Cr-54
-51.06 To 9999. %



MAT 2437

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

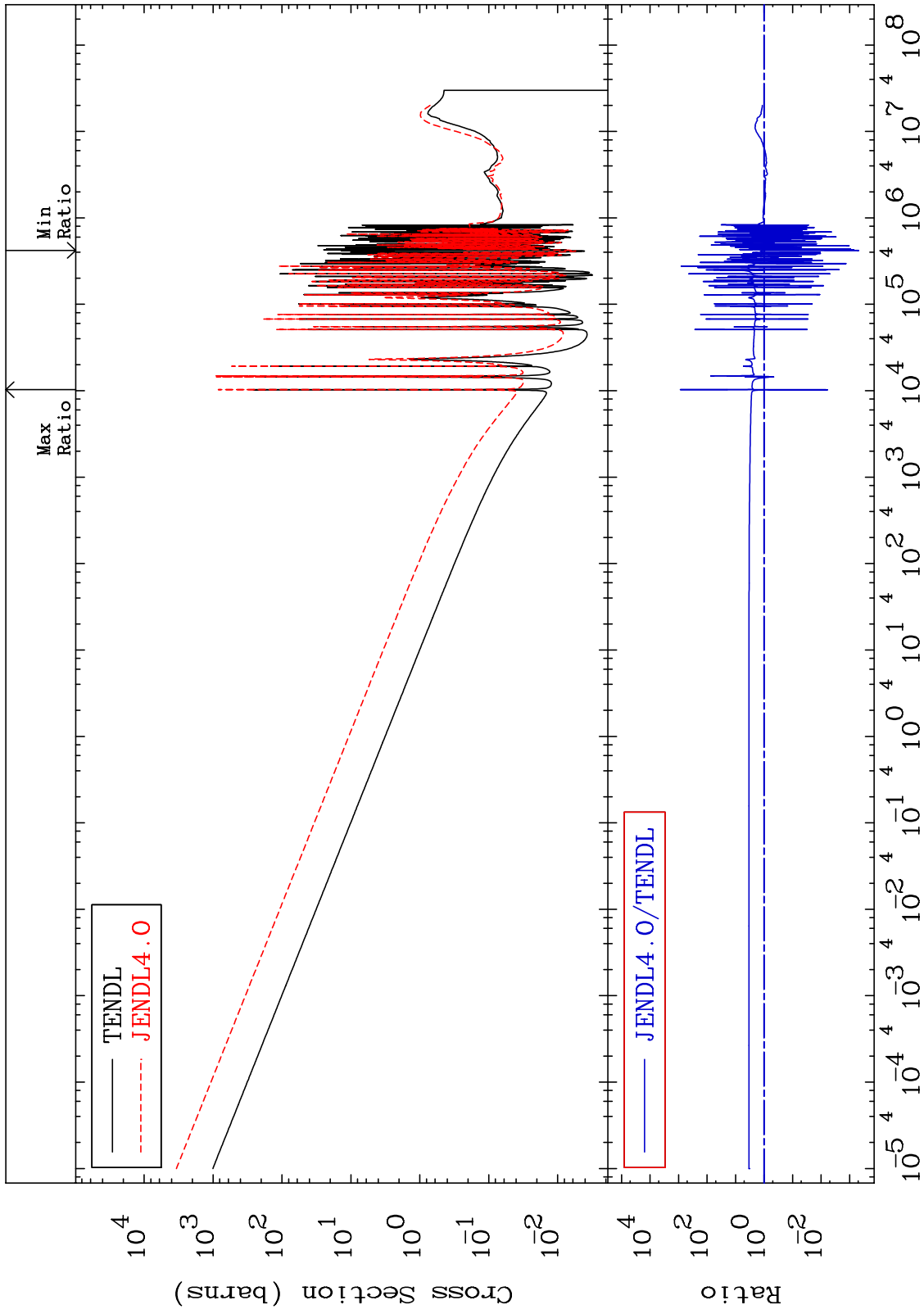
24-Cr-54
-51.06 To 9999. %



MAT 2437

Kerma capture (mt102)
Cross Section

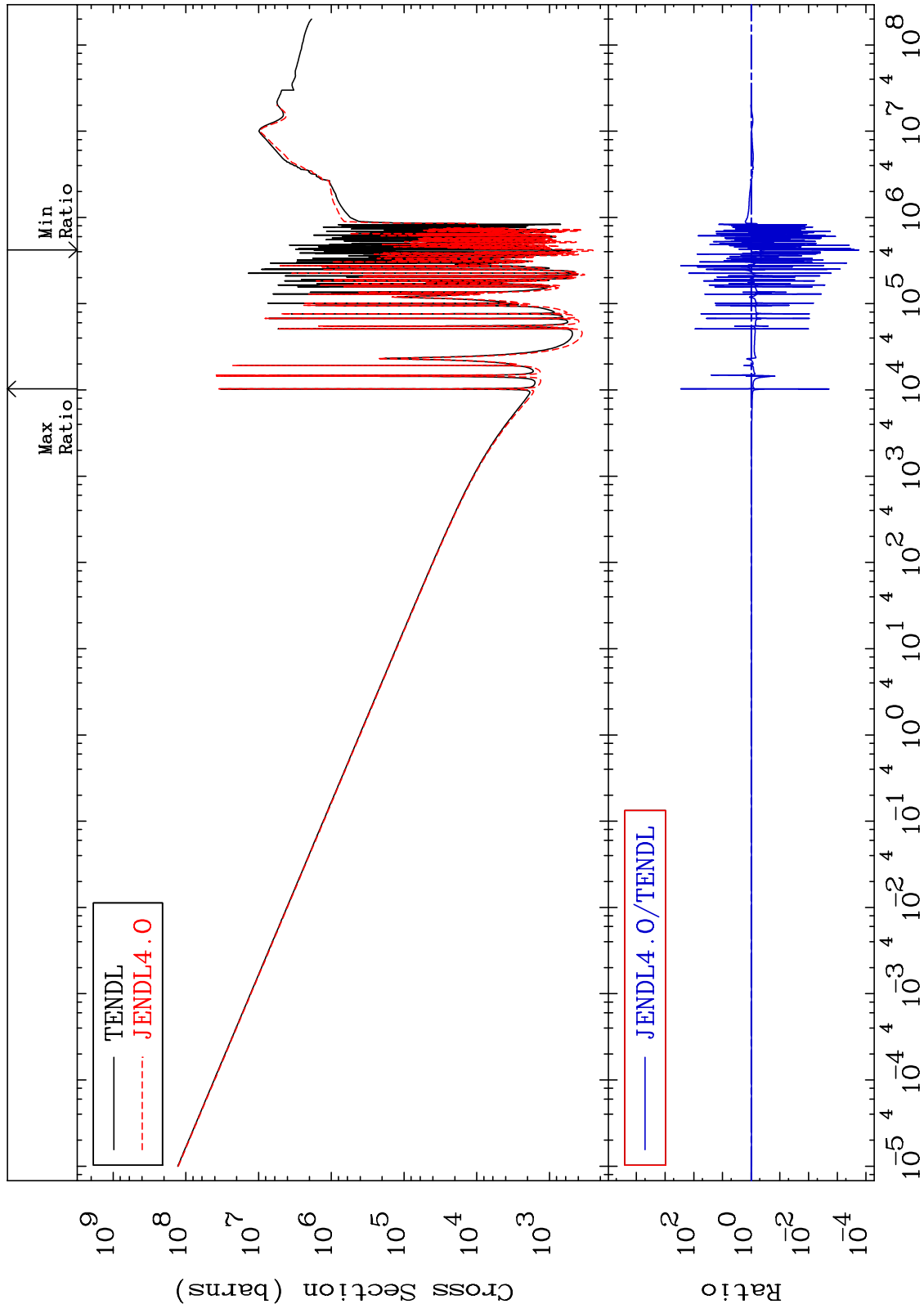
24-Cr-54
-99.95 To 9999. %



MAT 2437

Total photon (eV-barns)
Cross Section

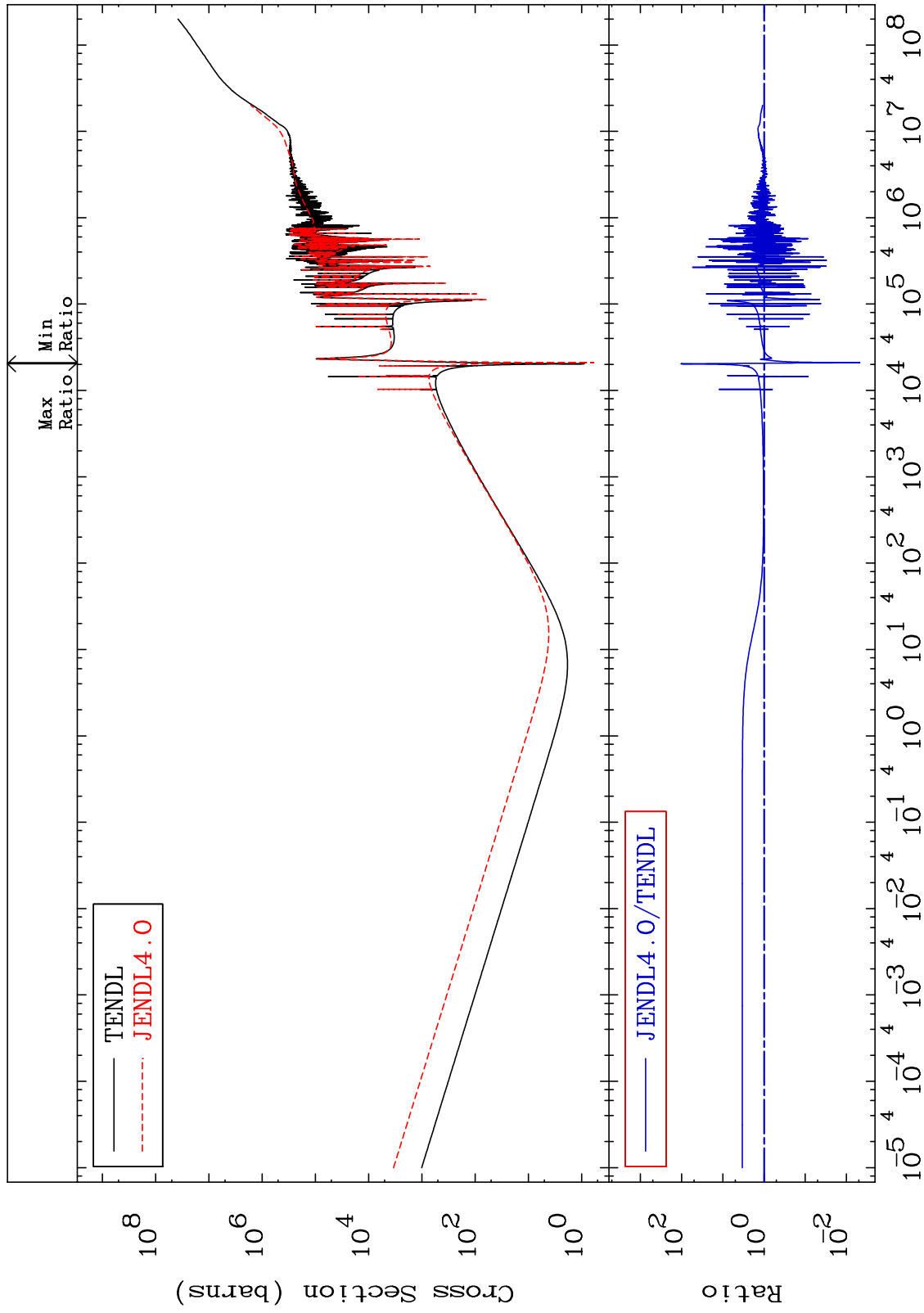
24-Cr-54
-99.98 To 9999. %



MAT 2437

Total kinematic kerma (high limit)
Cross Section

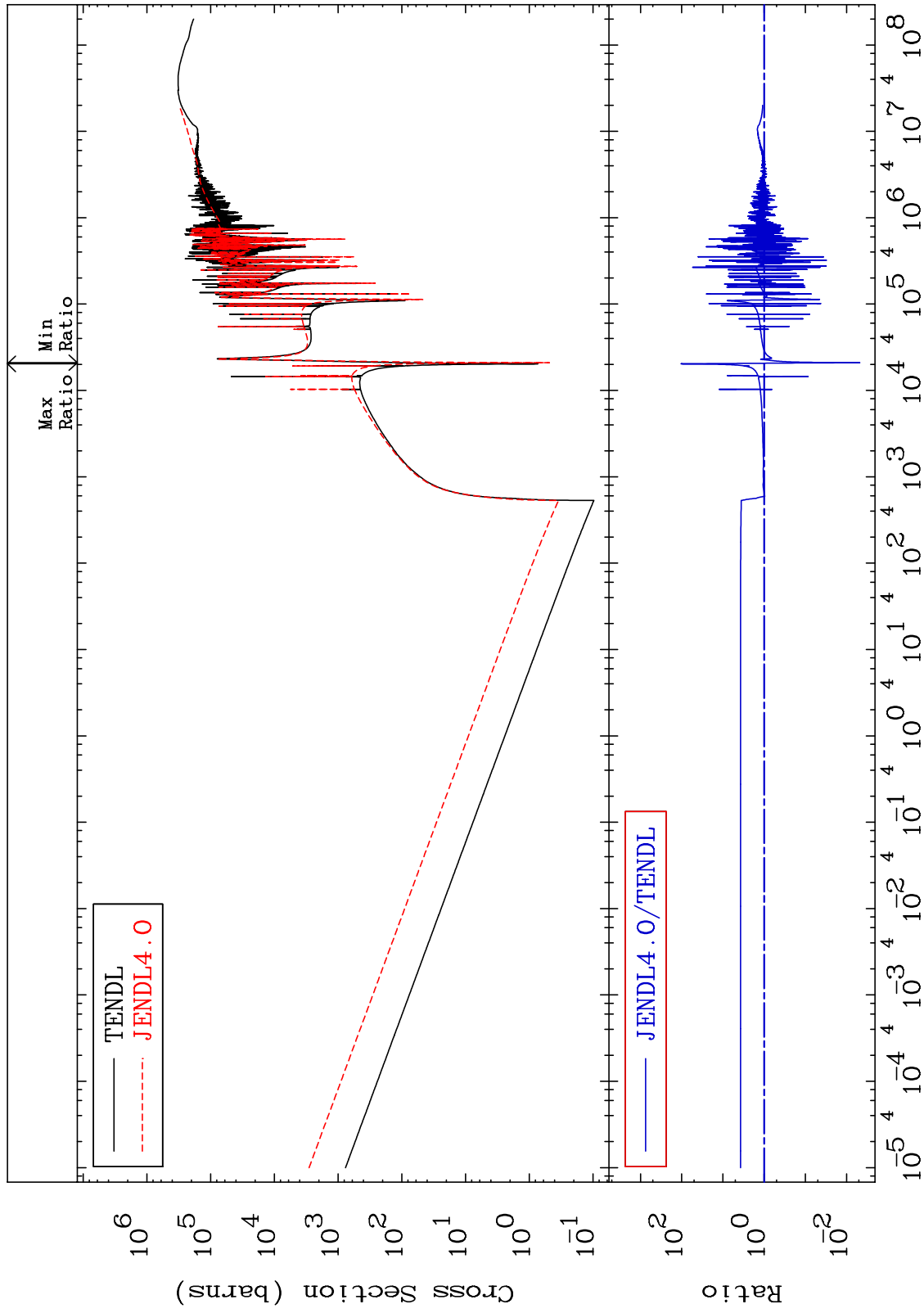
24-Cr-54
-99.53 To 9999. %



MAT 2437

Dpa total (eV-barns)
Cross Section

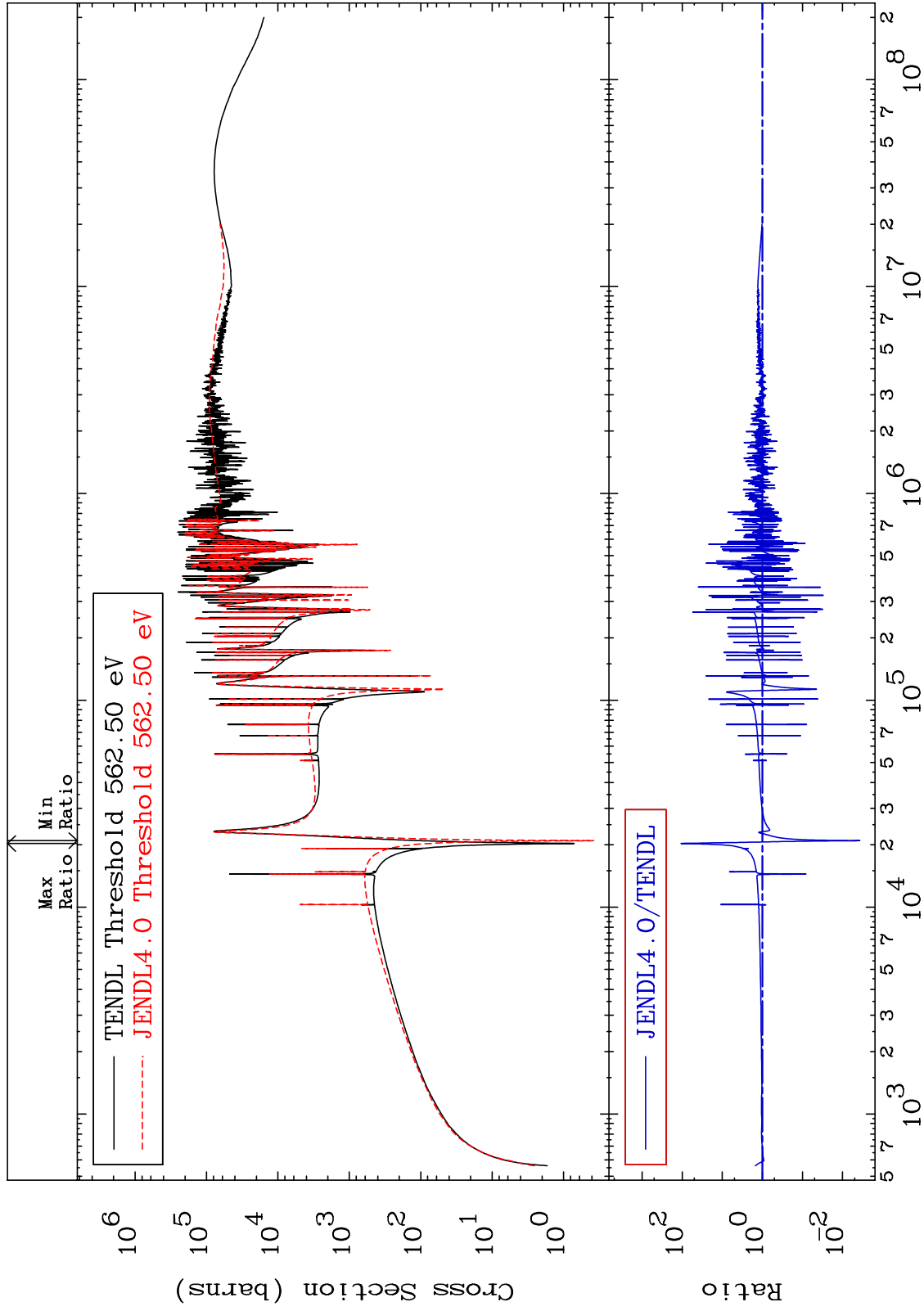
24-Cr-54
-99.52 To 9999. %



MAT 2437

Dpa elastic (mt2)
Cross Section

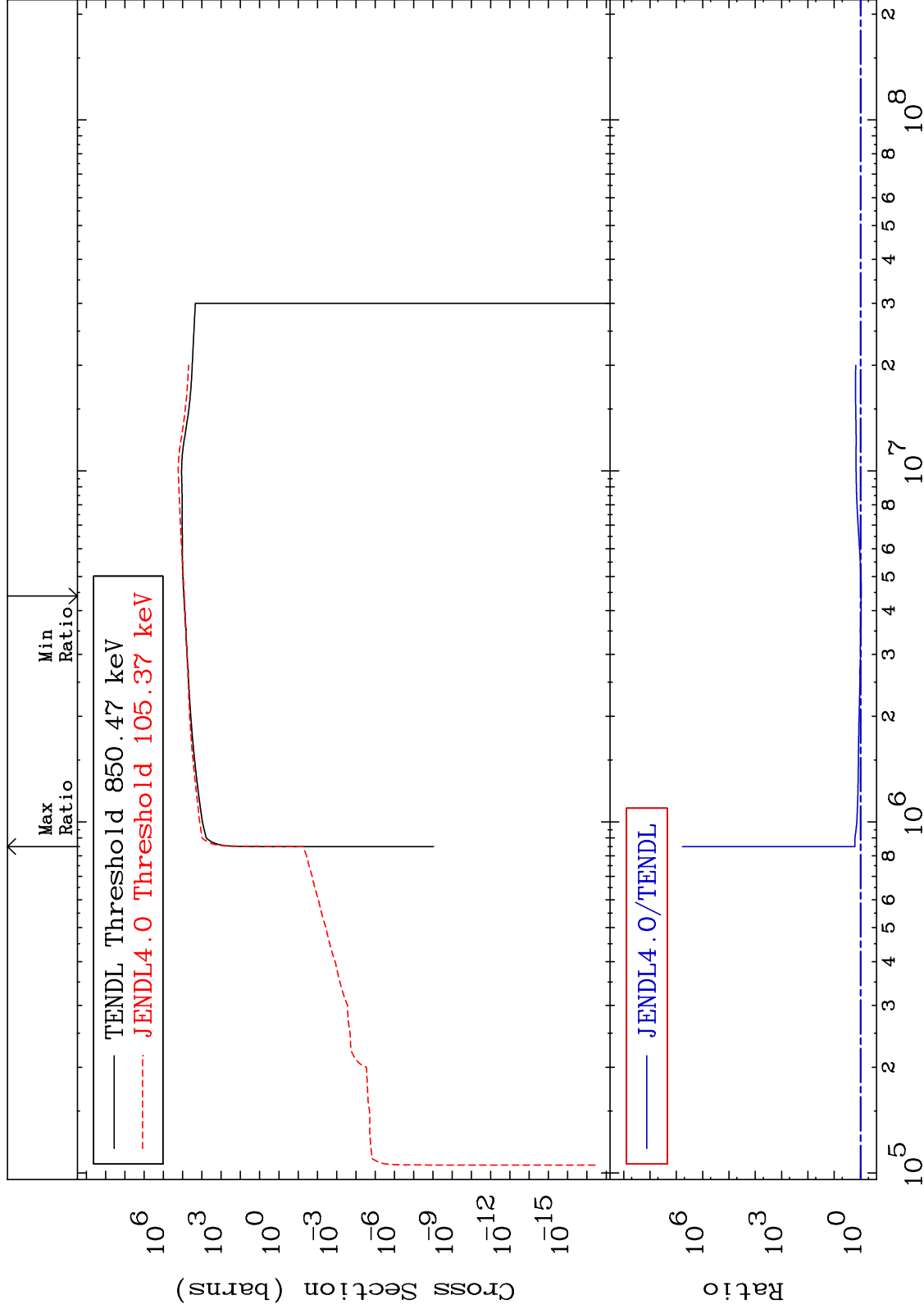
24-Cr-54
-99.63 To 9999. %



MAT 2437

Dpa inelastic (mt51-91)
Cross Section

24-Cr-54
-6.260 To 9999. %



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Incident Energy (eV)

24-Cr-54

MAT 2437

Dpa disappearance (mt102 -120)
Cross Section

24-Cr-54
-99.95 To 9999. %

