

Program Complot  
(Version 2018-1)

by

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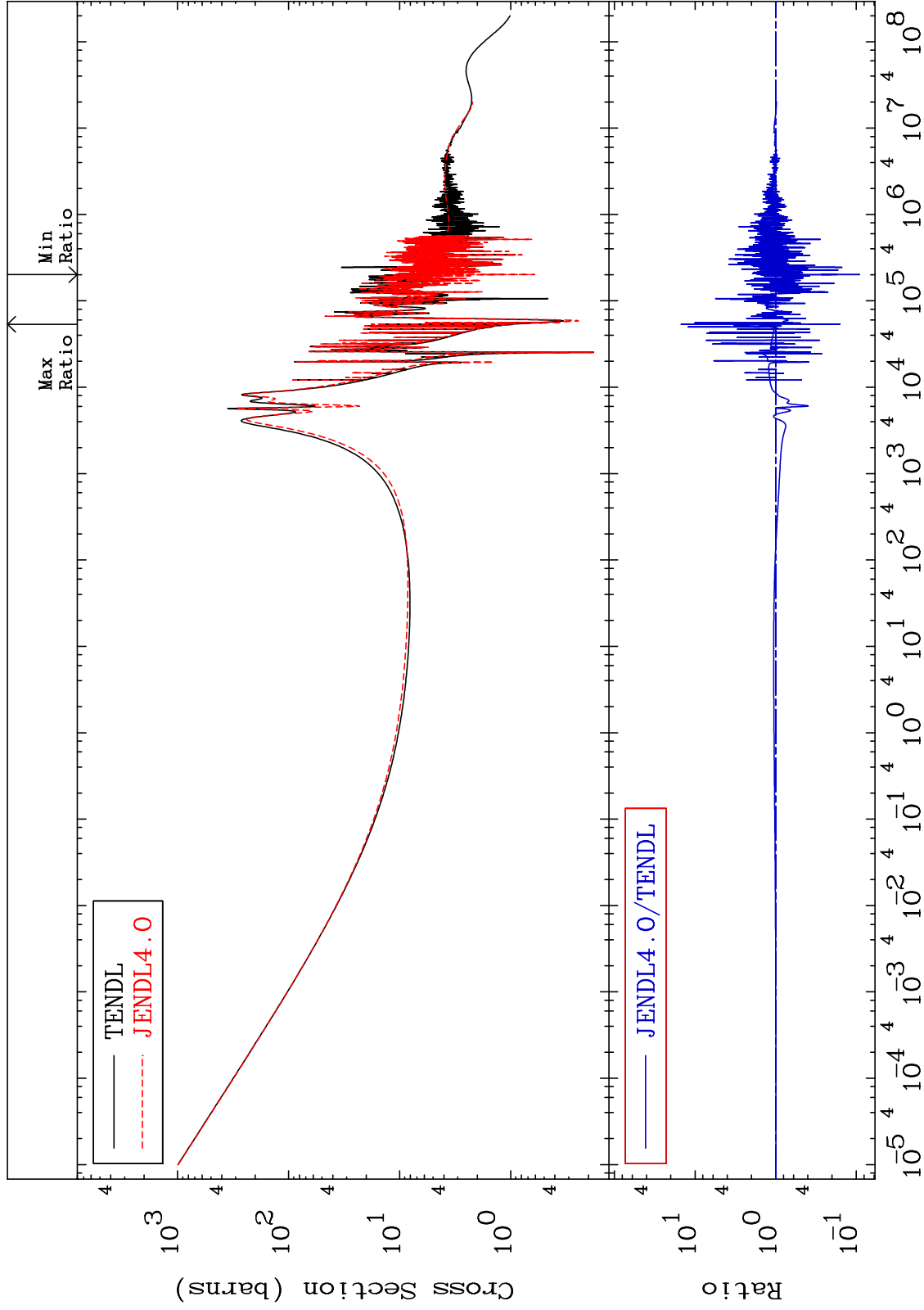
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2434

Total  
Cross Section

24-Cr-53  
-90.93 To 1384. %



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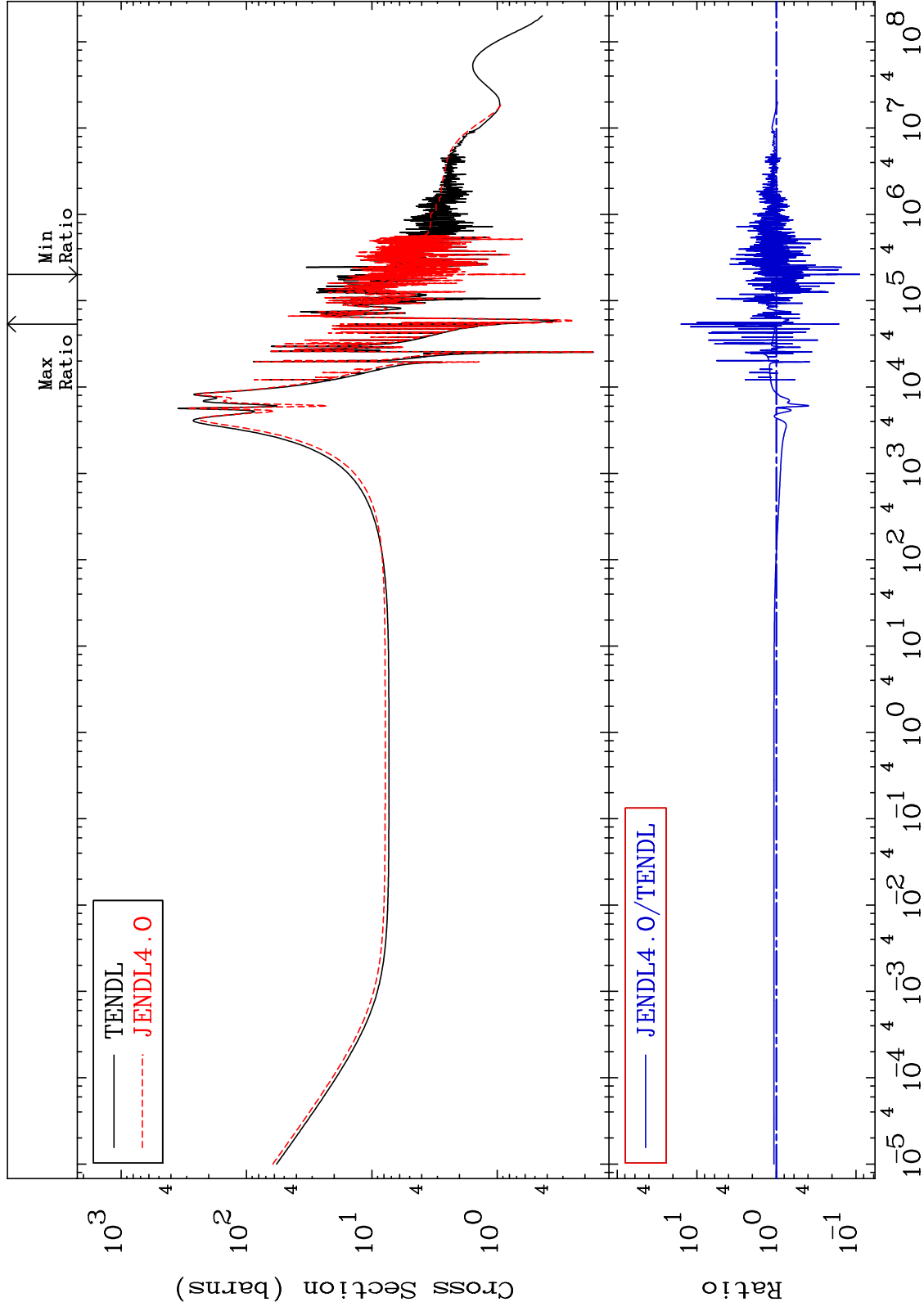
Incident Energy (eV)

24-Cr-53

MAT 2434

Elastic  
Cross Section

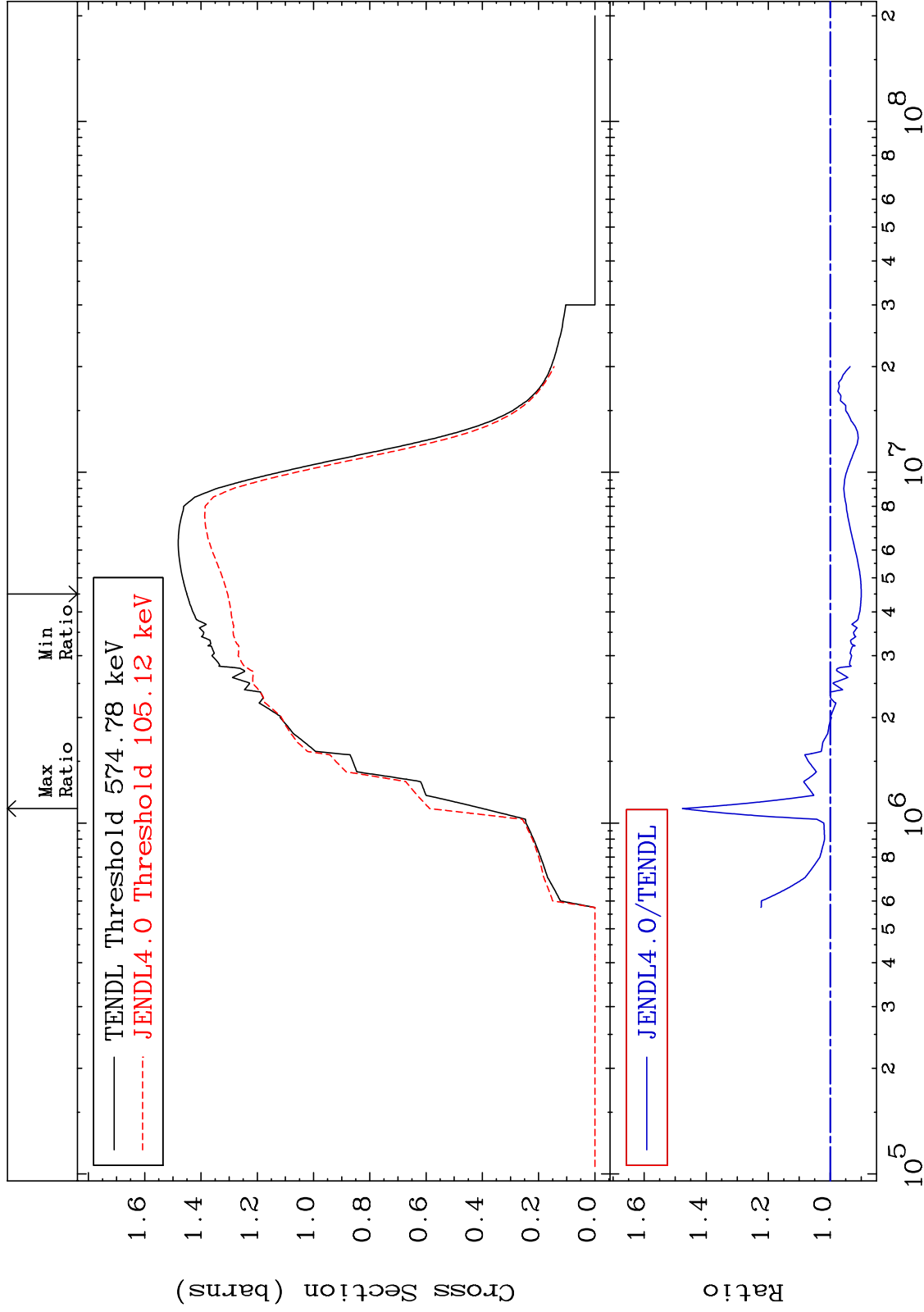
24-Cr-53  
-91.04 To 1470. %



MAT 2434

Inelastic  
Cross Section

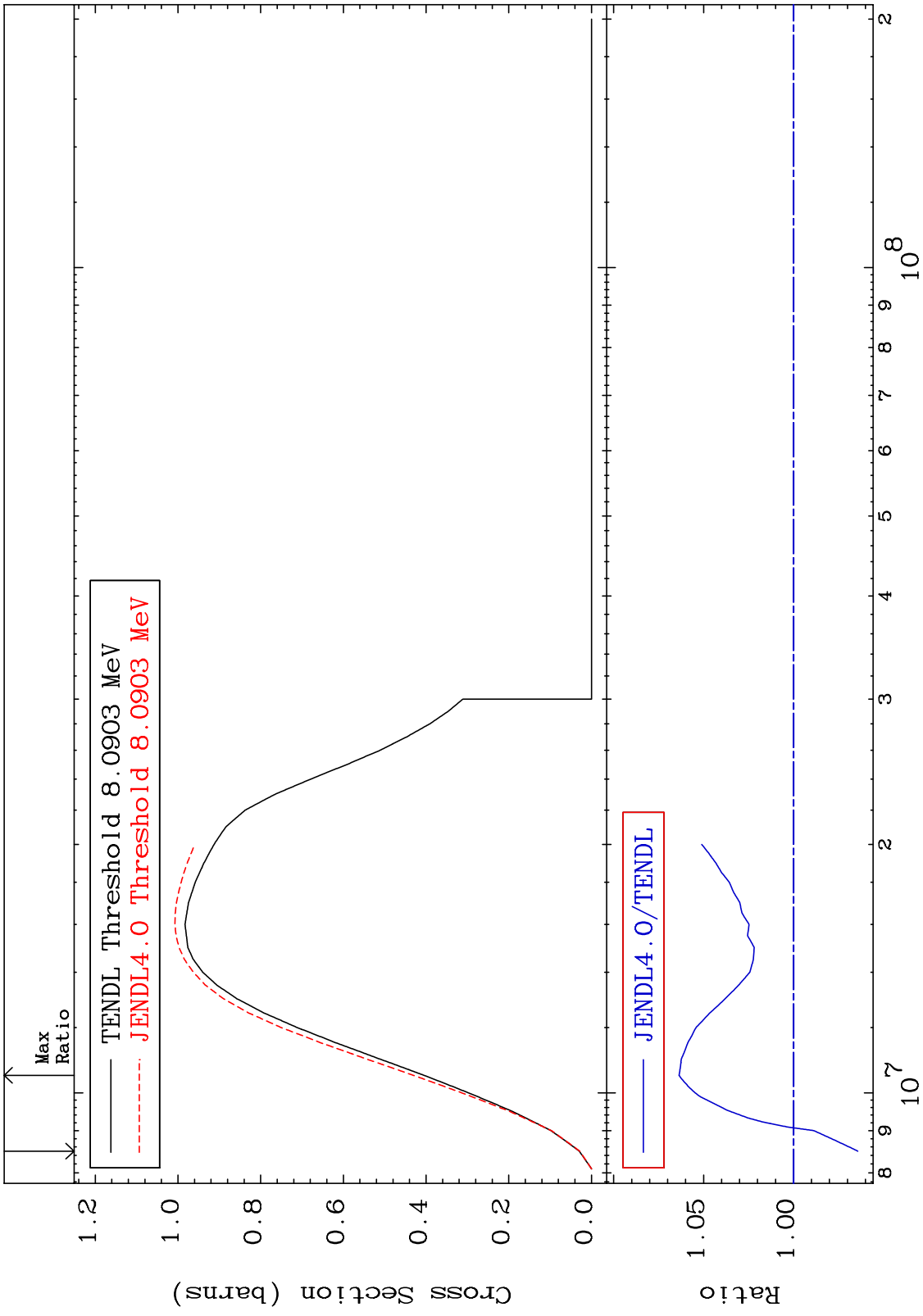
24-Cr-53  
-9.996 To 47.64 %



Incident Energy (eV)

24-Cr-53

MAT 2434 (n,2n) Cross Section 24-Cr-53 -3.580 To 6.365 %



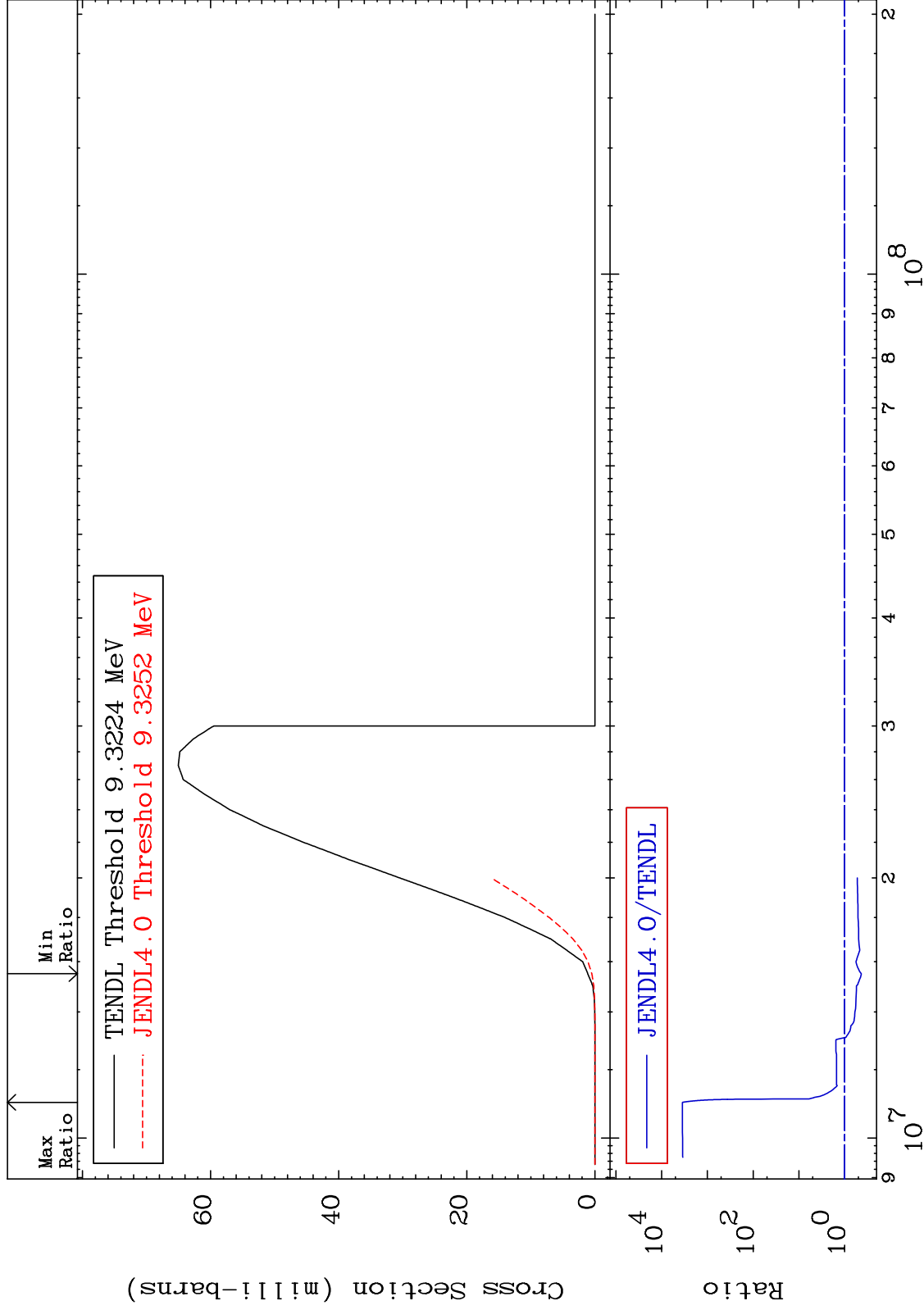
MAT 2434

(n,n')  $\alpha$

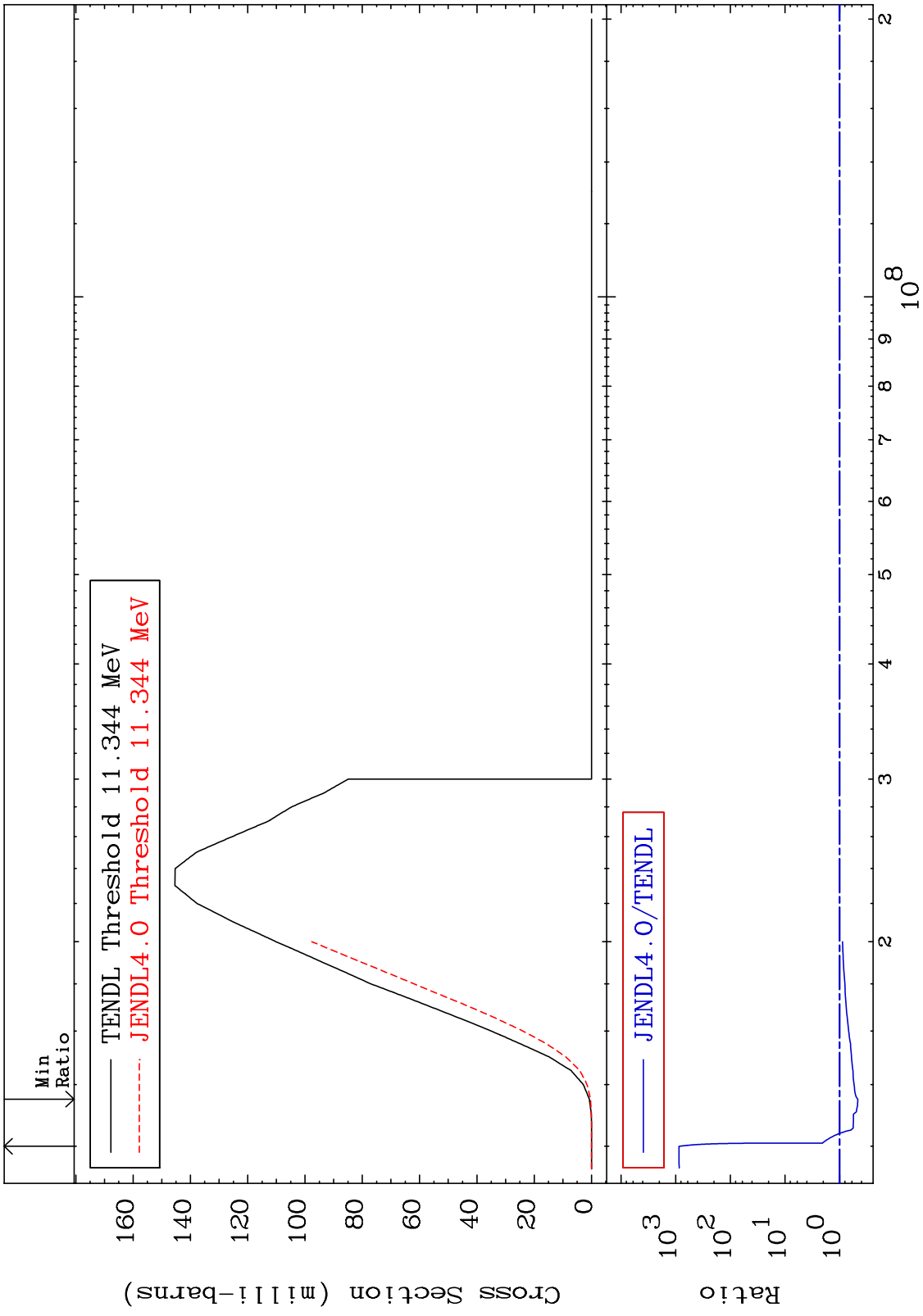
24-Cr-53

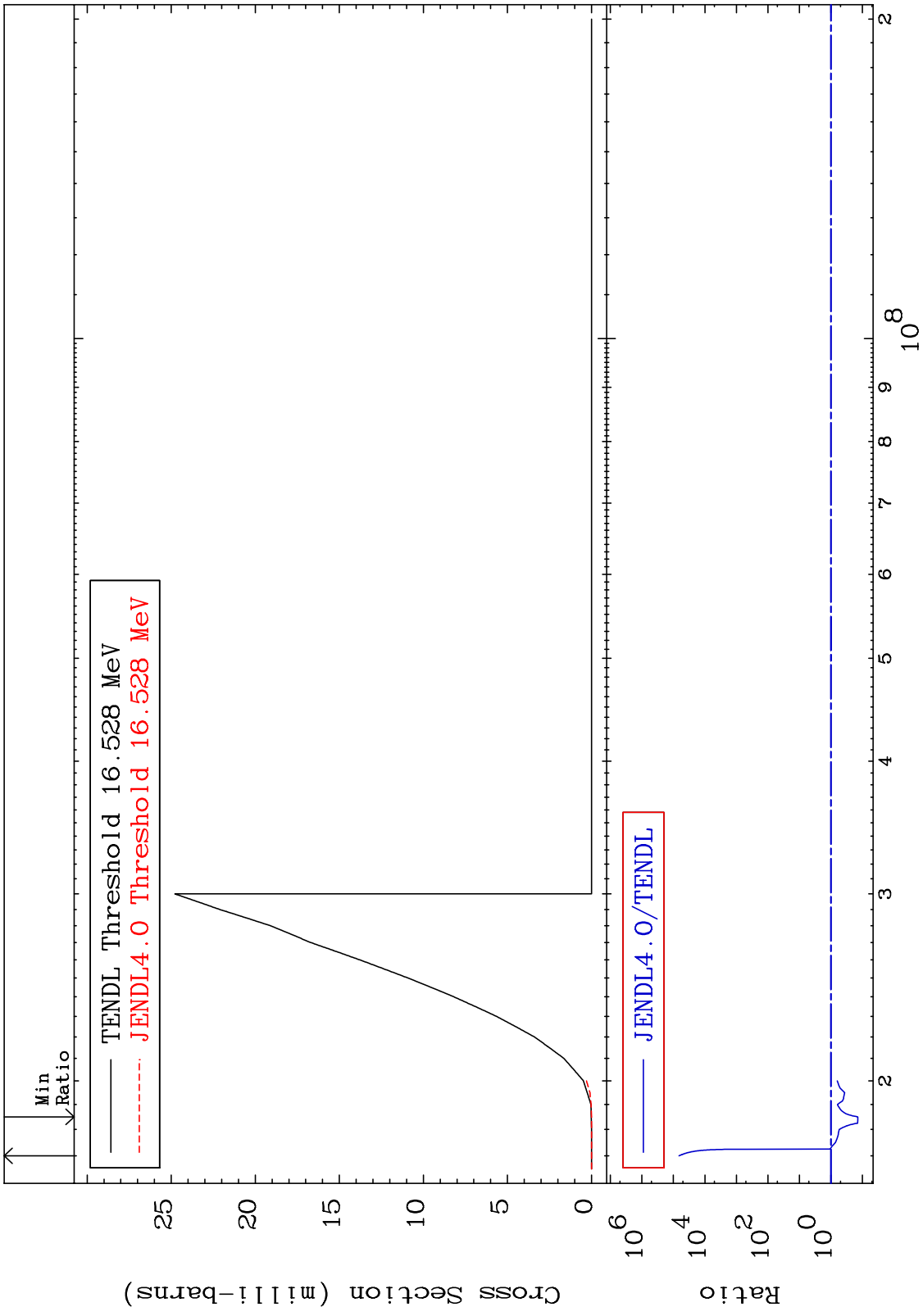
Cross Section

-56.73 To 9999. %



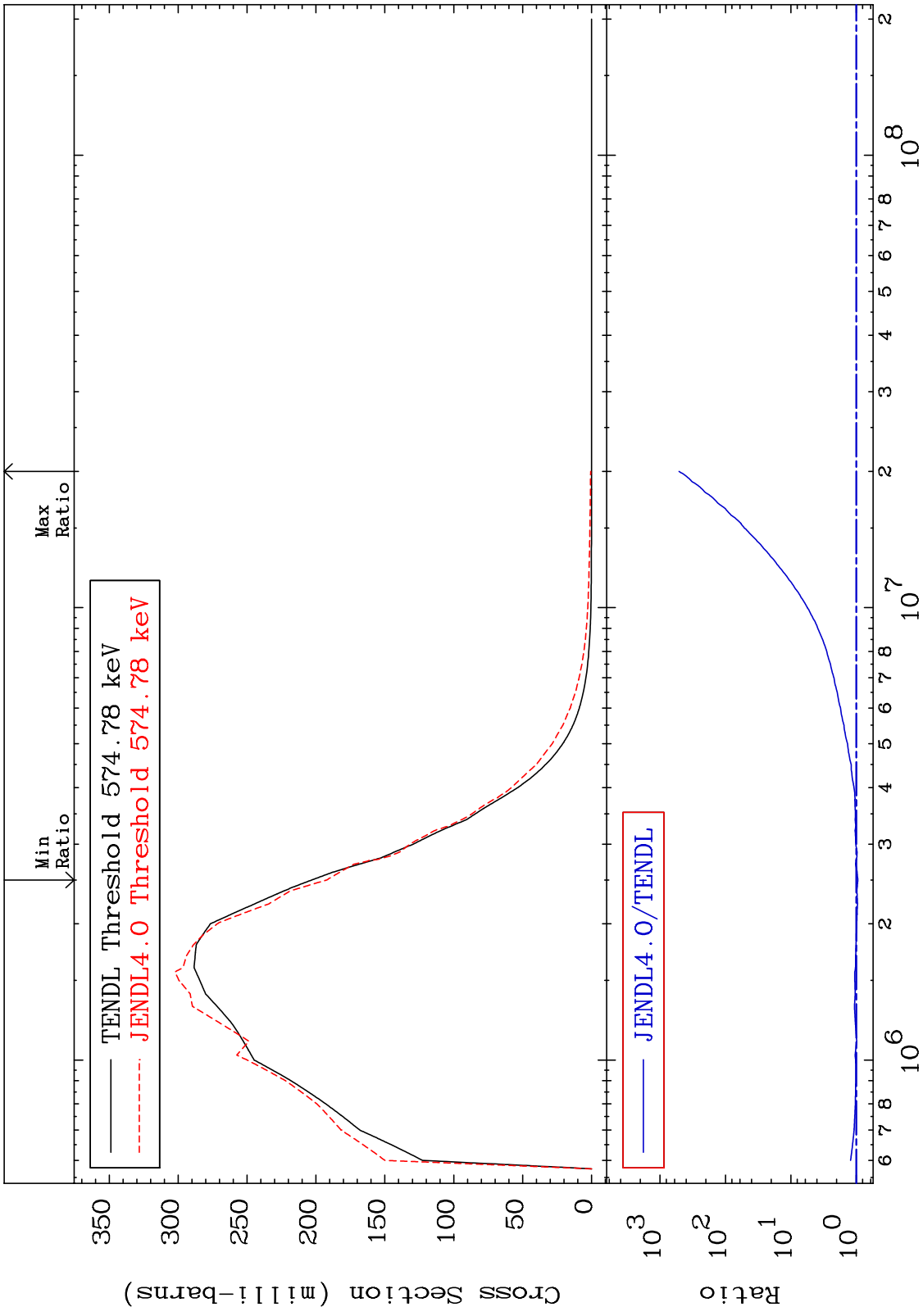
24-Cr-53







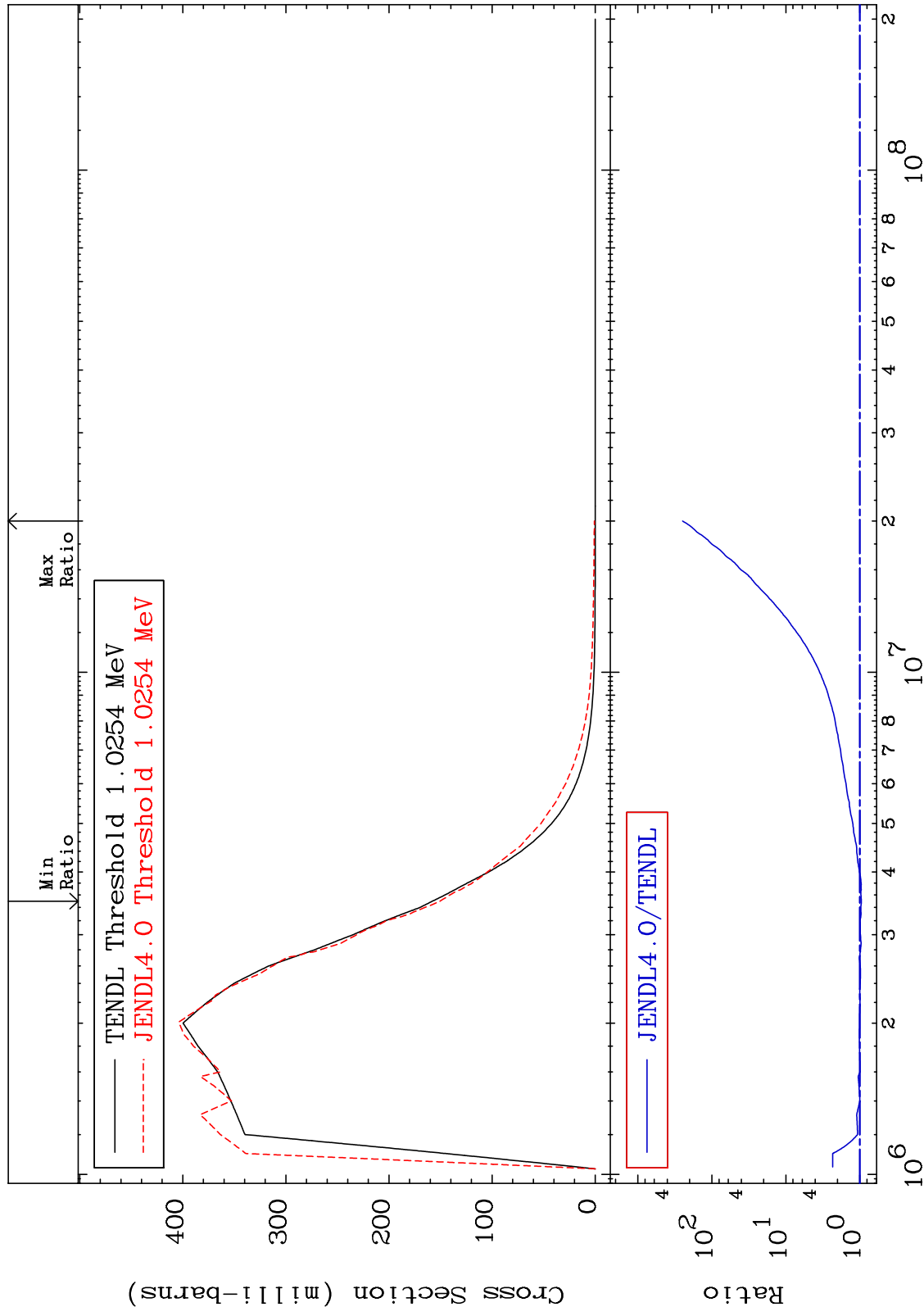
MAT 2434 MT= 51 (n,n') Level Cross Section -5.333 To 9999. % 24-Cr-53



MAT 2434

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

24-Cr-53  
-4.536 To 9999. %



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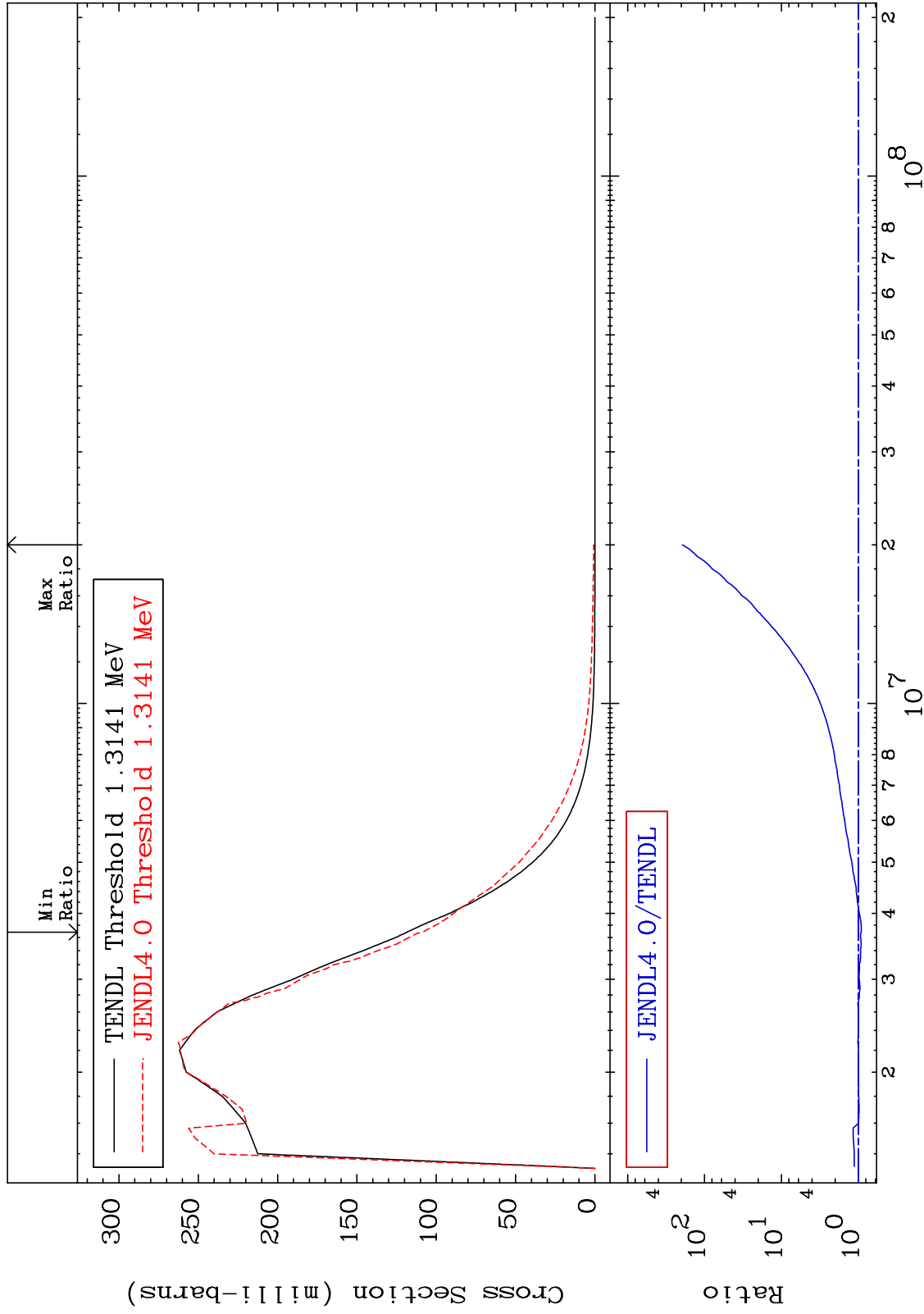
Incident Energy (eV)

24-Cr-53

MAT 2434

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

24-Cr-53  
-8.345 To 9999. %

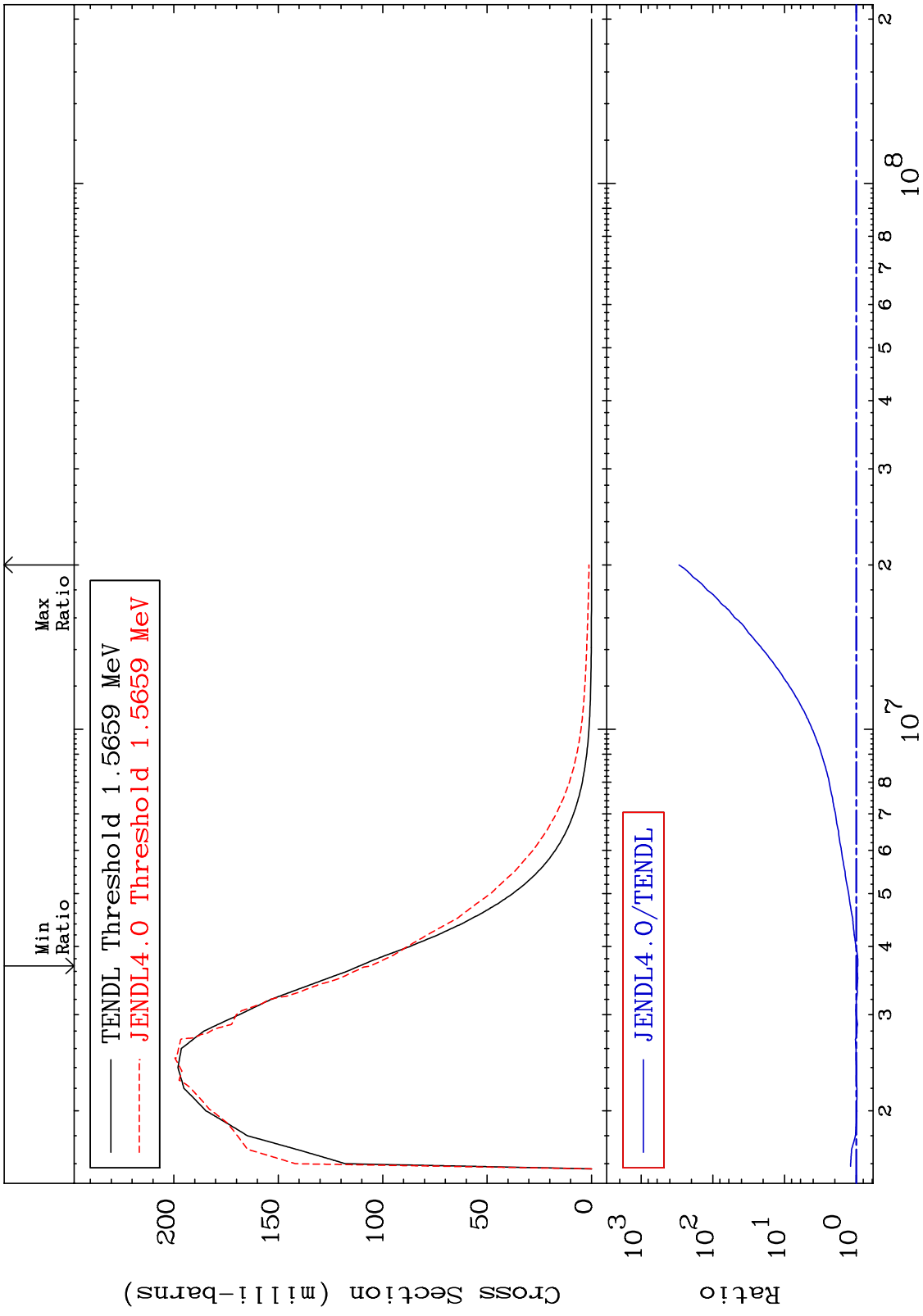


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Incident Energy (eV)

24-Cr-53

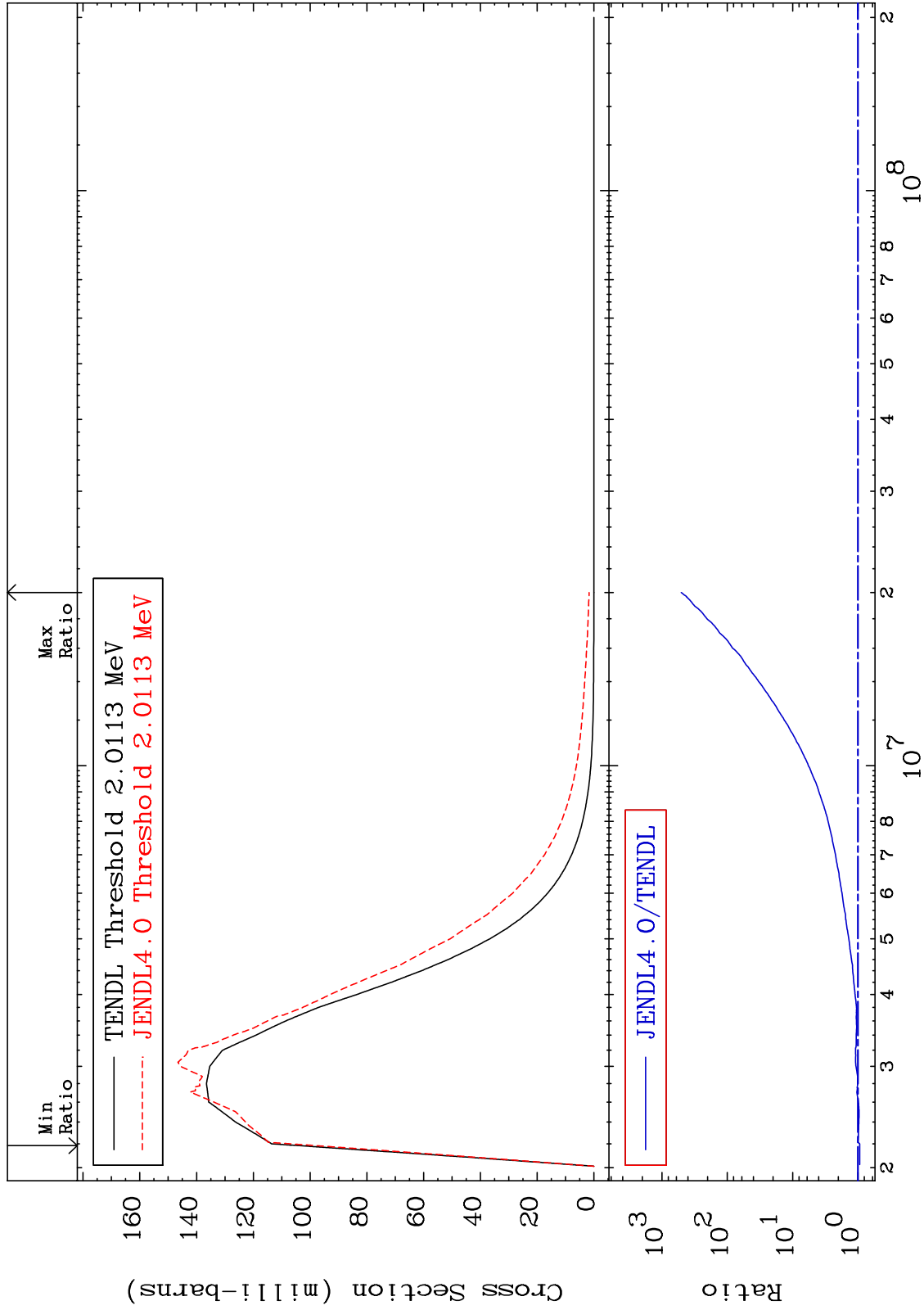
MAT 2434 MT= 54 (n,n') Level Cross Section -4.684 To 9999. % 24-Cr-53



MAT 2434

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

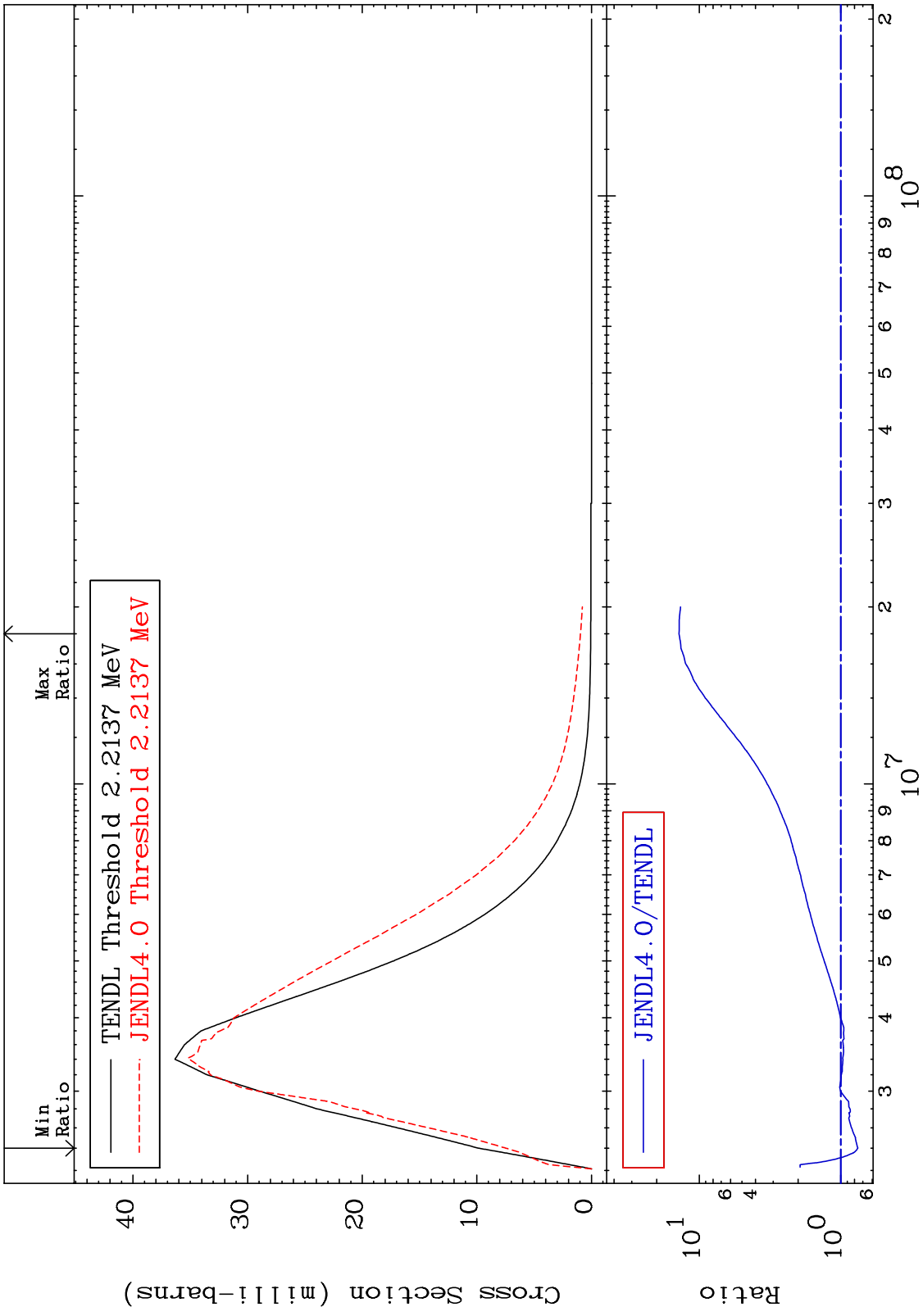
24-Cr-53  
-5.803 To 9999. %



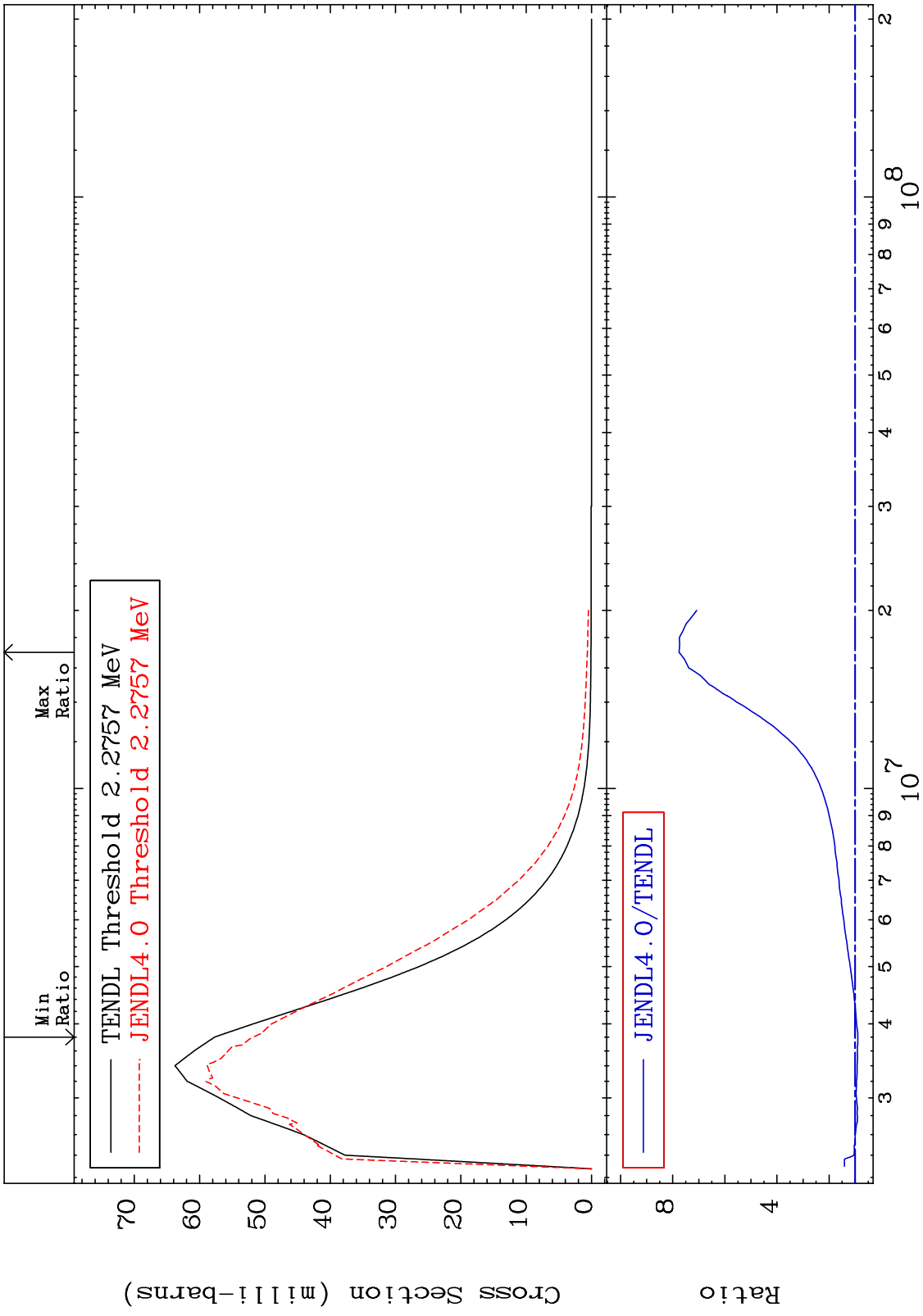
12

24-Cr-53

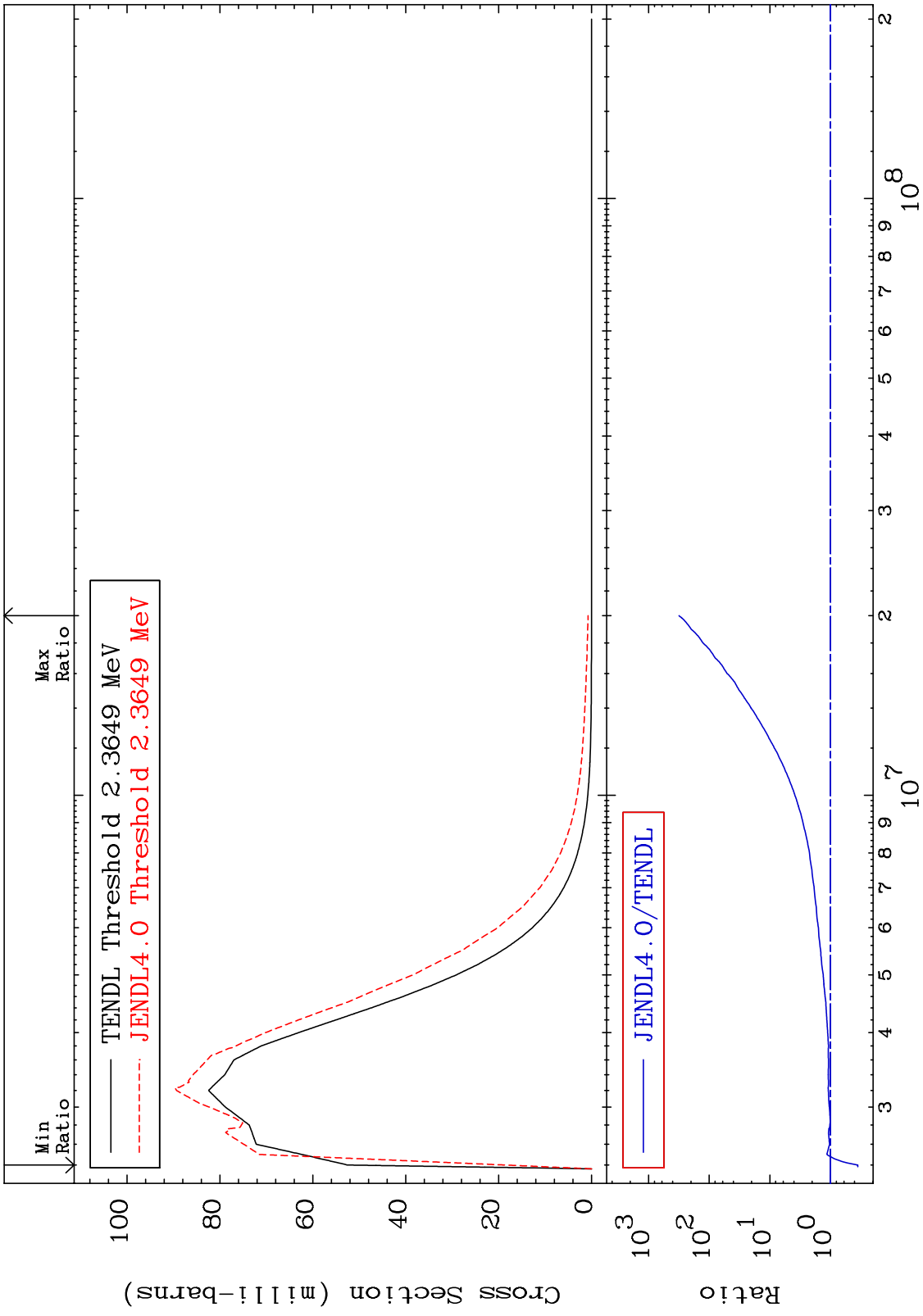
MAT 2434 MT= 56 (n,n') Level Cross Section -24.20 To 1289. % 24-Cr-53



MAT 2434 MT= 57 (n,n') Level Cross Section -10.28 To 675.8 % 24-Cr-53

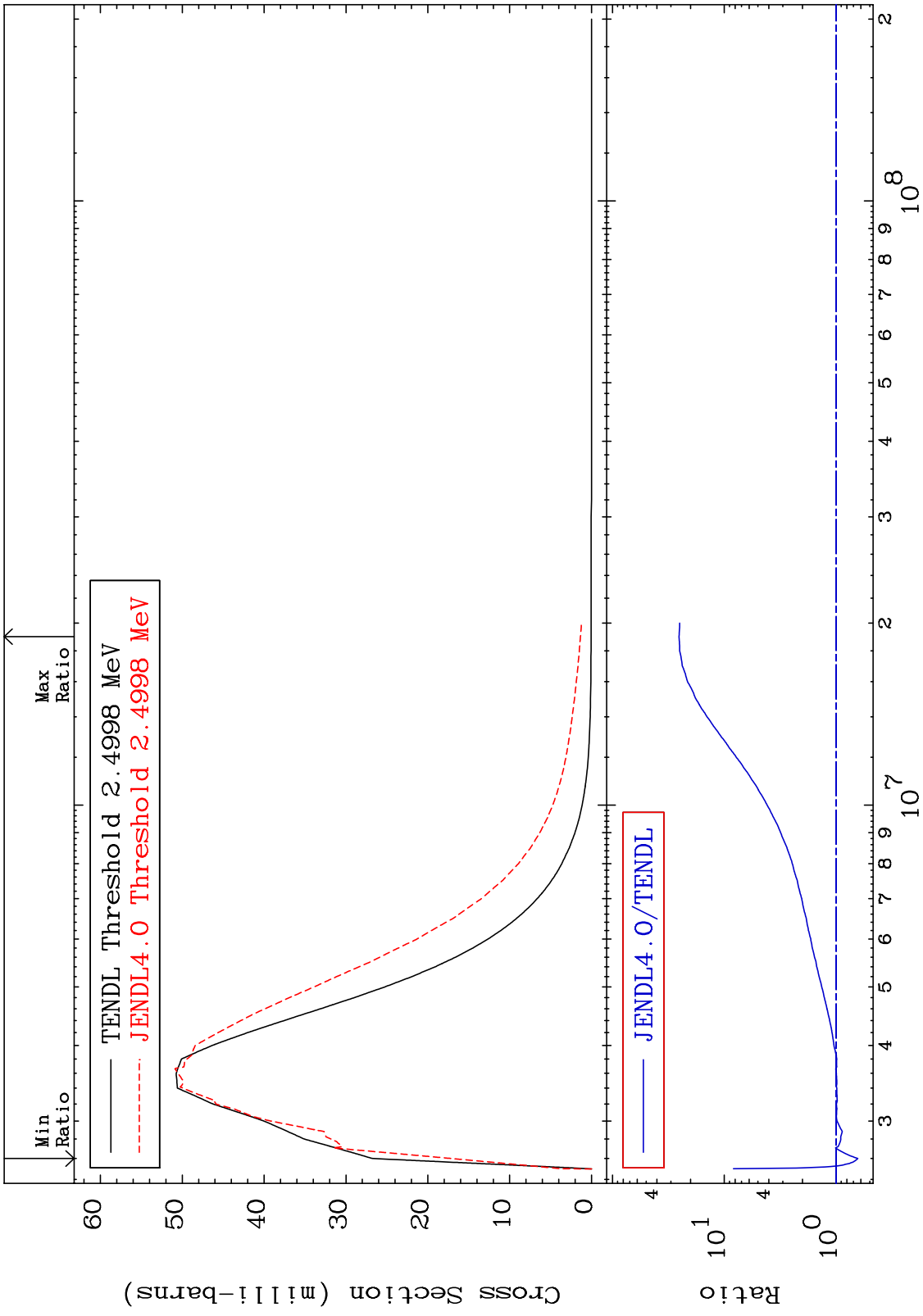


MAT 2434 MT= 58 (n,n') Level Cross Section -64.63 To 9999. % 24-Cr-53

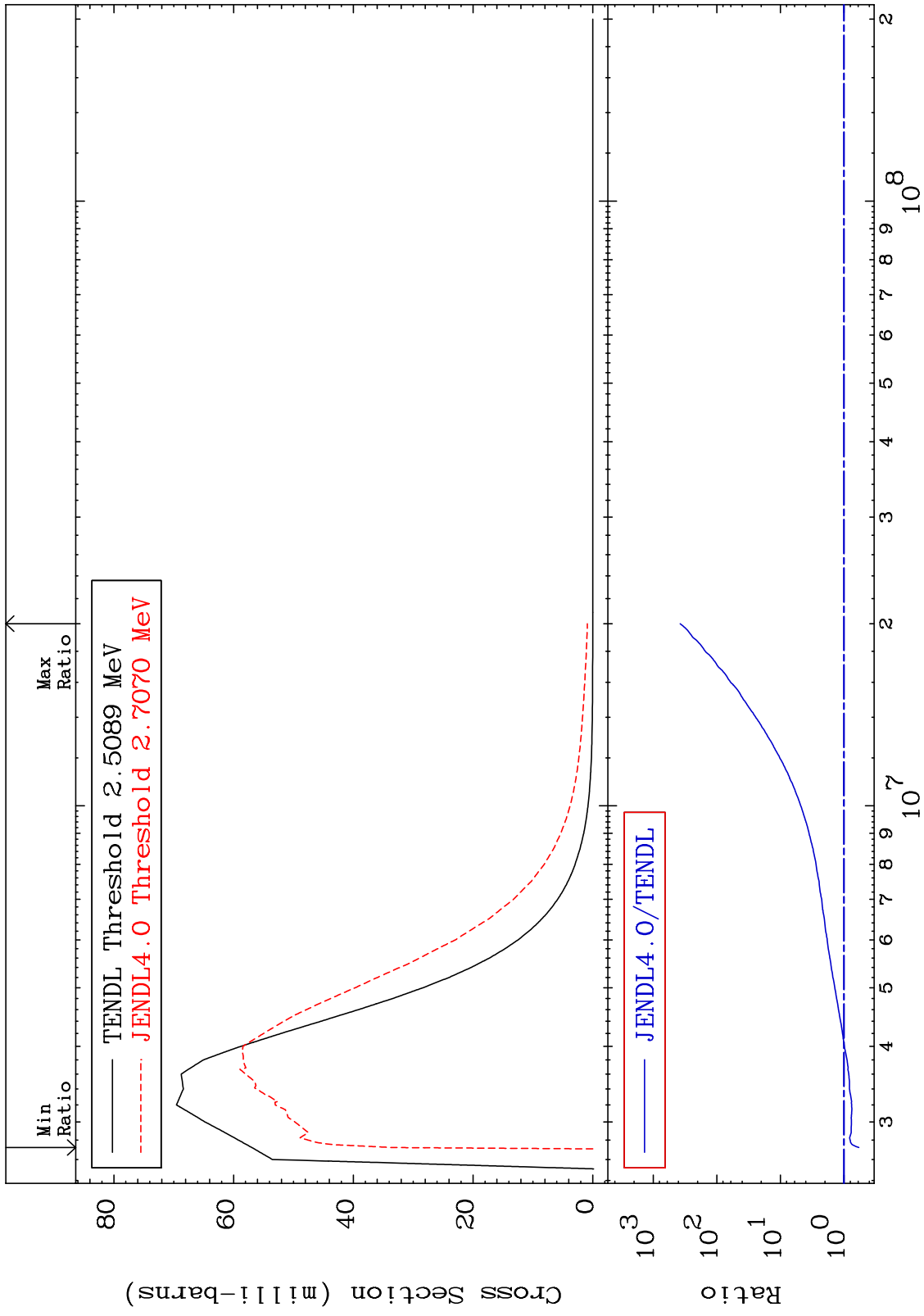




MAT 2434 MT= 59 (n,n') Level Cross Section -36.14 To 2438. % 24-Cr-53



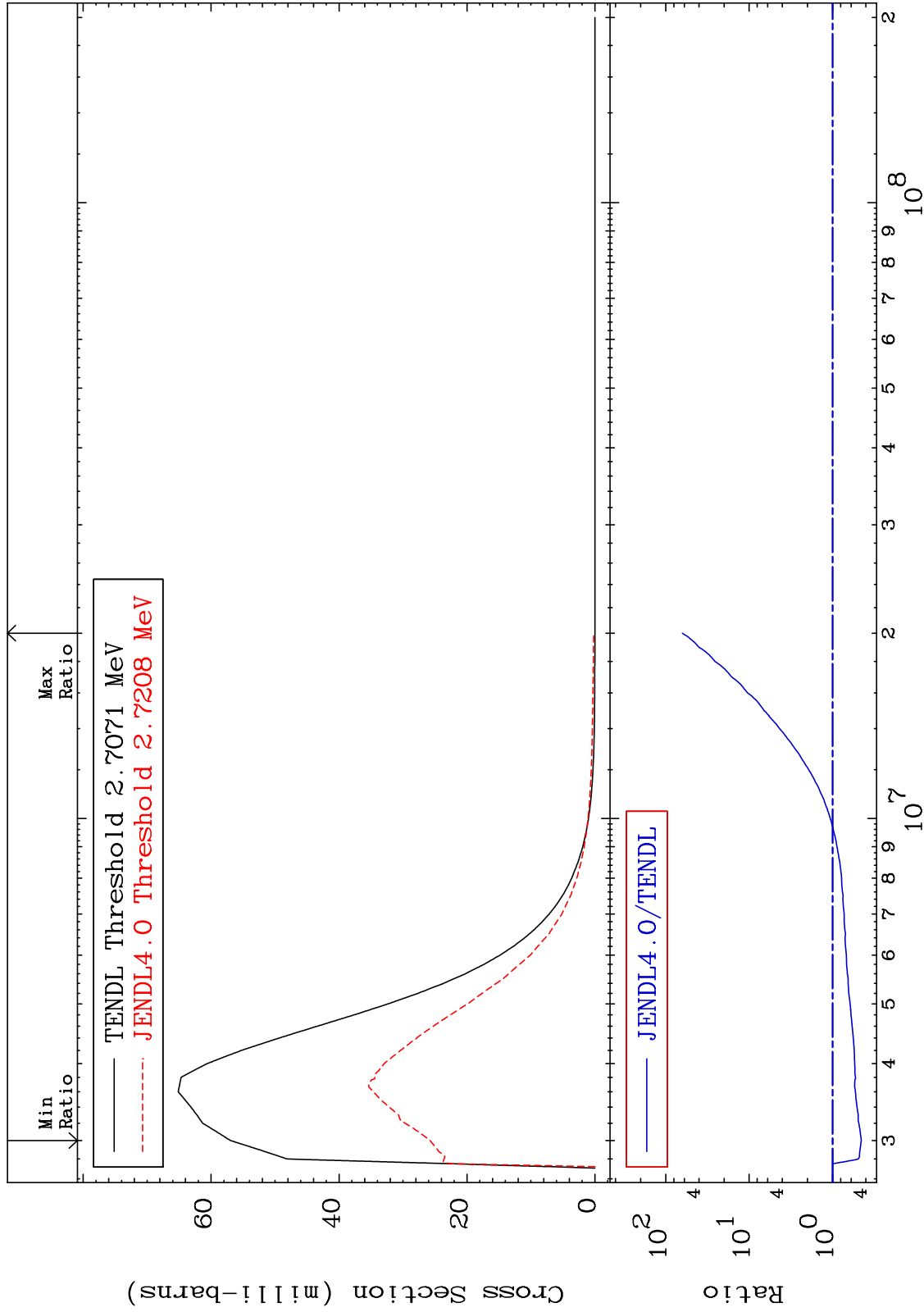
MAT 2434 MT= 60 (n,n') Level Cross Section -41.50 To 9999. % 24-Cr-53



MAT 2434

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

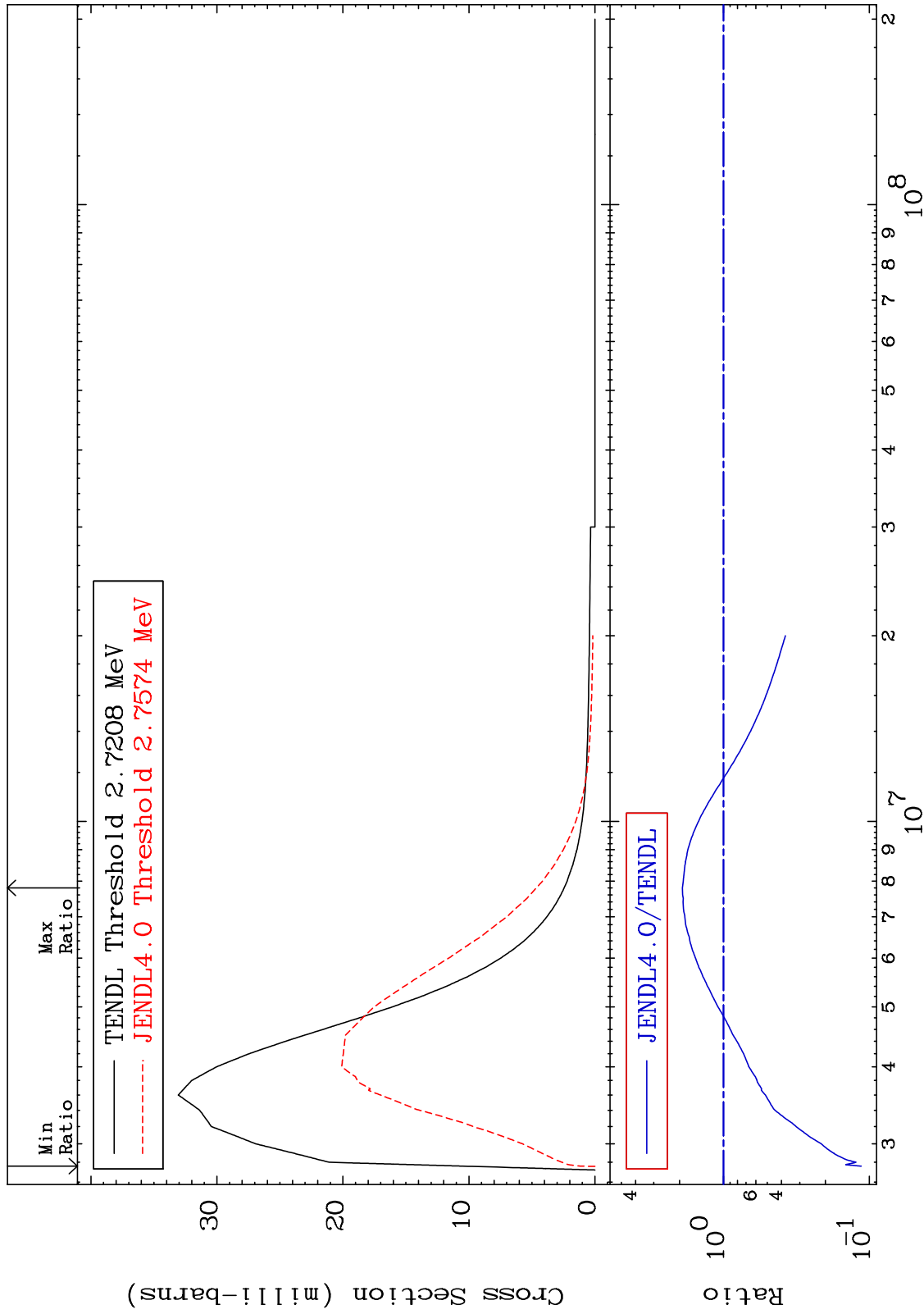
24-Cr-53  
-54.74 To 6210. %



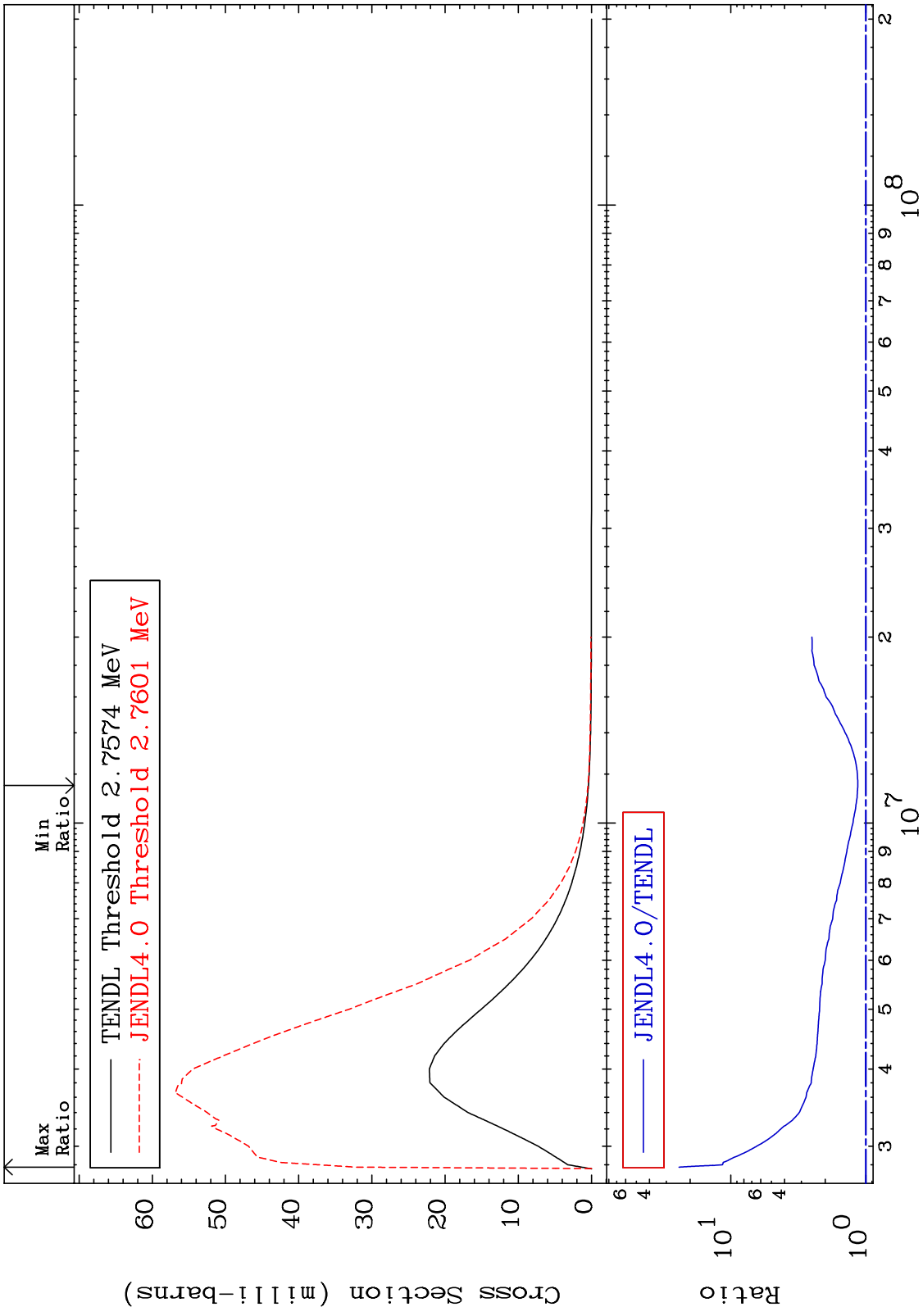
MAT 2434

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

24-Cr-53  
-88.64 To 90.76 %

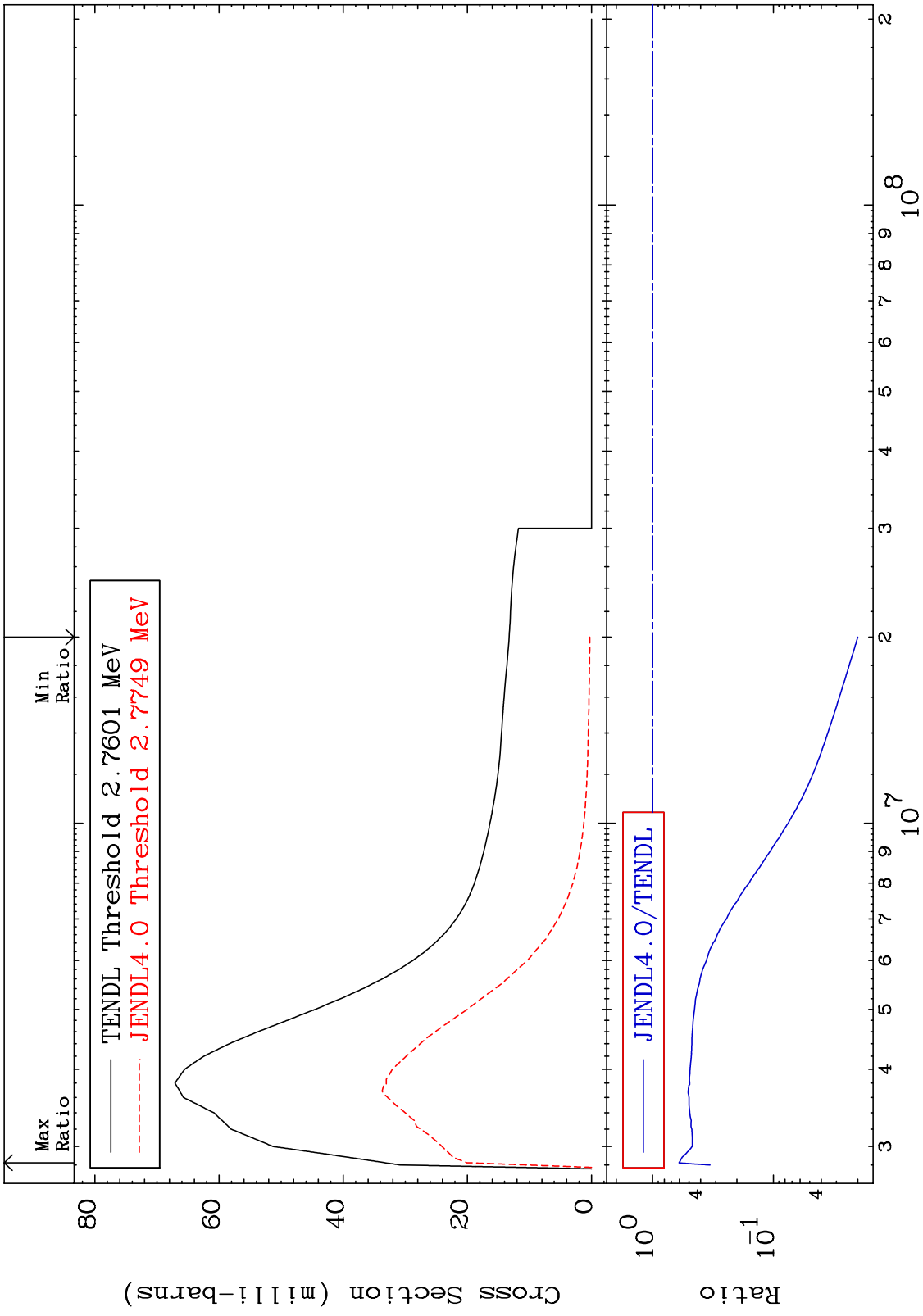


MAT 2434 MT= 63 (n,n') Level Cross Section 24-Cr-53 14.61 To 2316. %

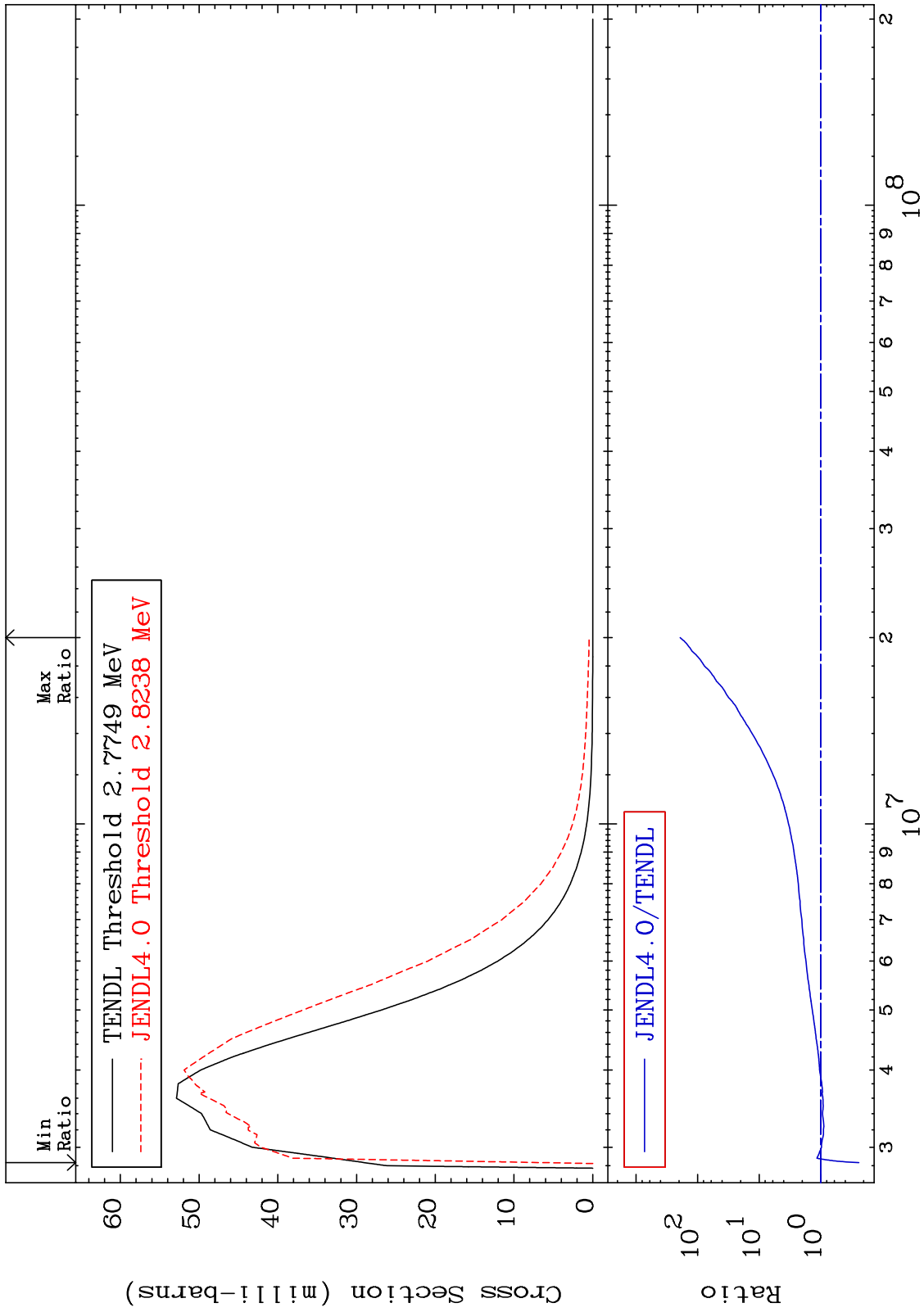


20 24-Cr-53

MAT 2434 MT= 64 (n,n') Level Cross Section 24-Cr-53  
 -98.00 To -39.60%

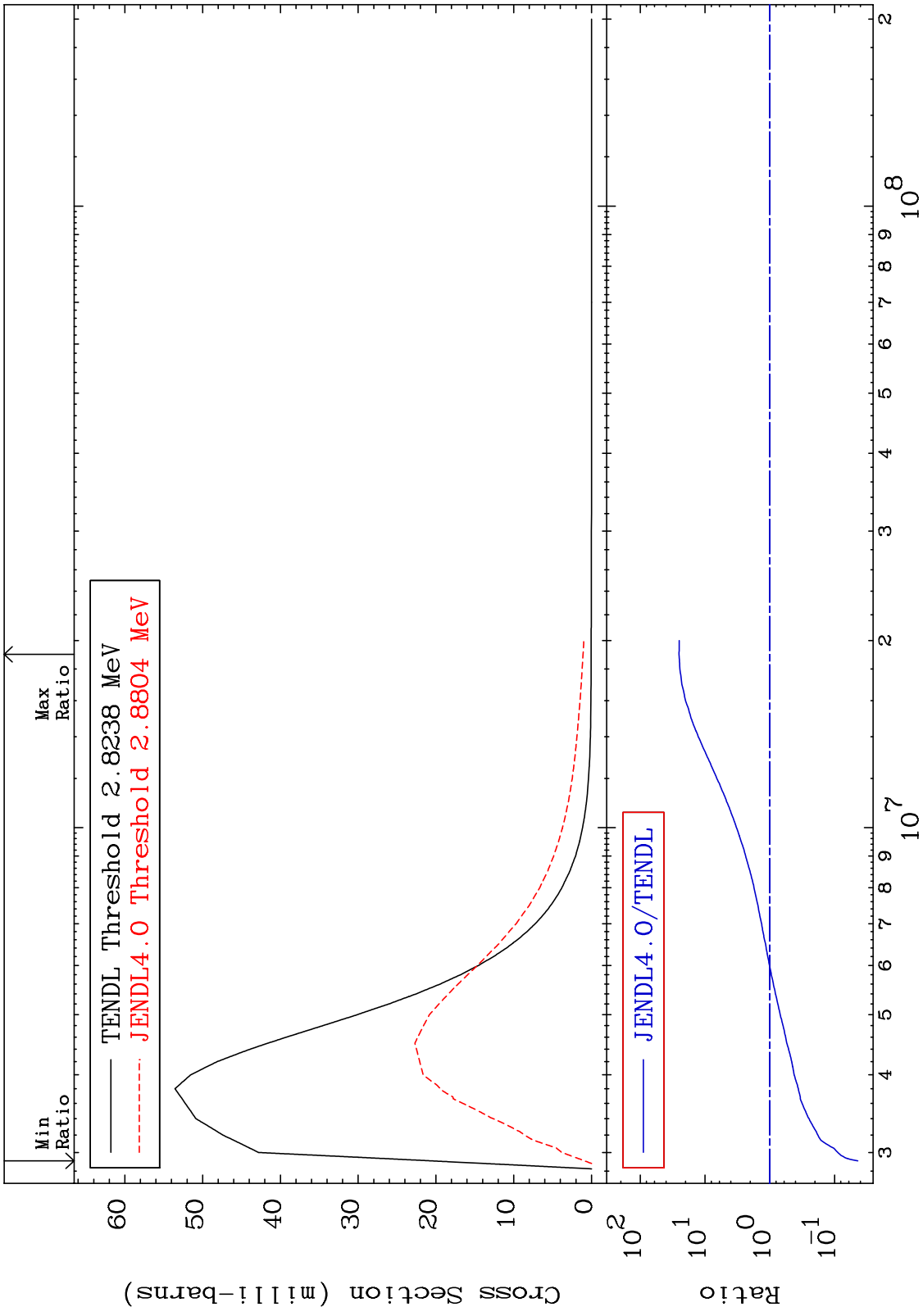


MAT 2434 MT= 65 (n,n') Level Cross Section -76.03 To 9999. % 24-Cr-53



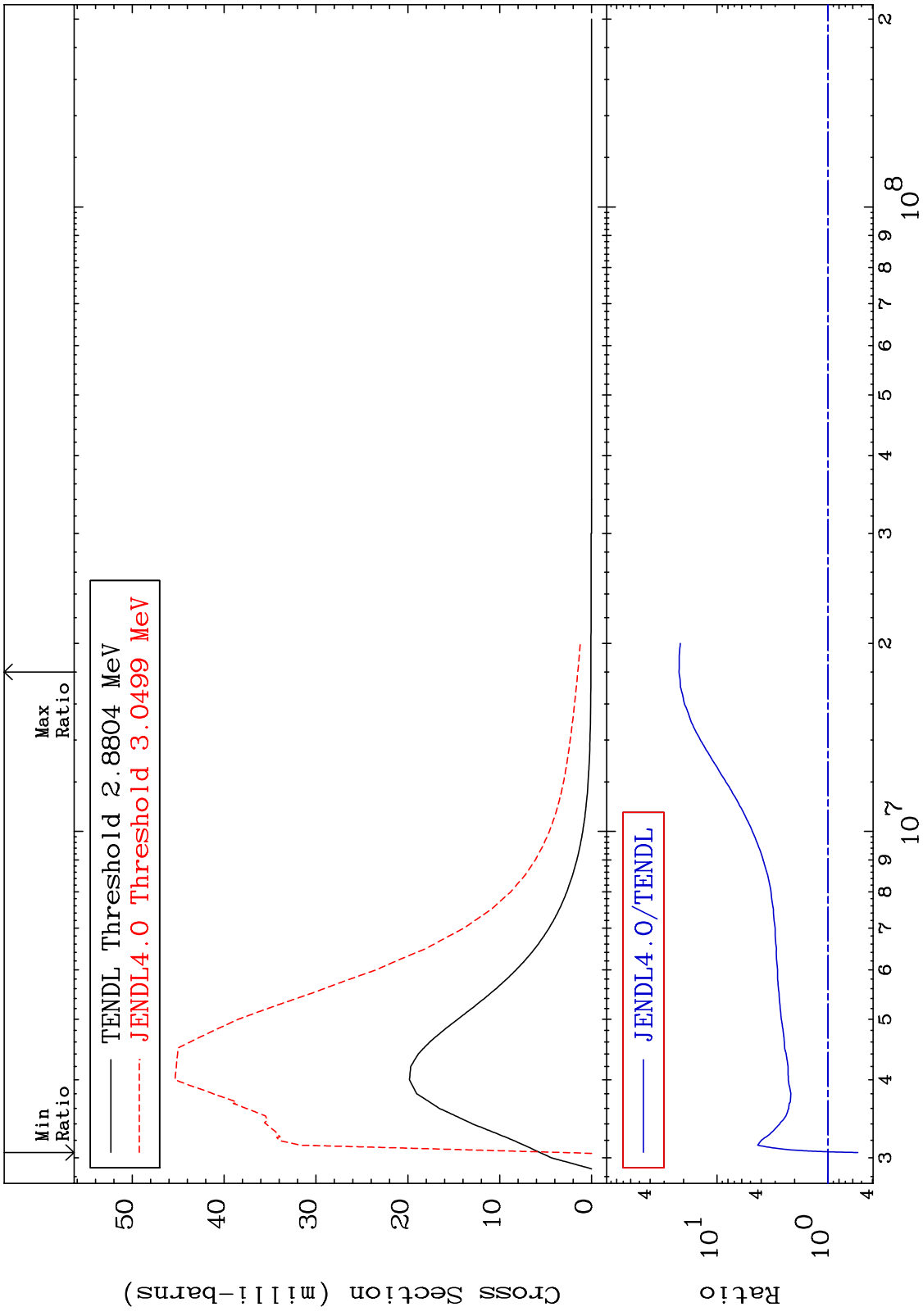
22 24-Cr-53

MAT 2434 MT= 66 (n,n') Level Cross Section -95.63 To 2416. % 24-Cr-53

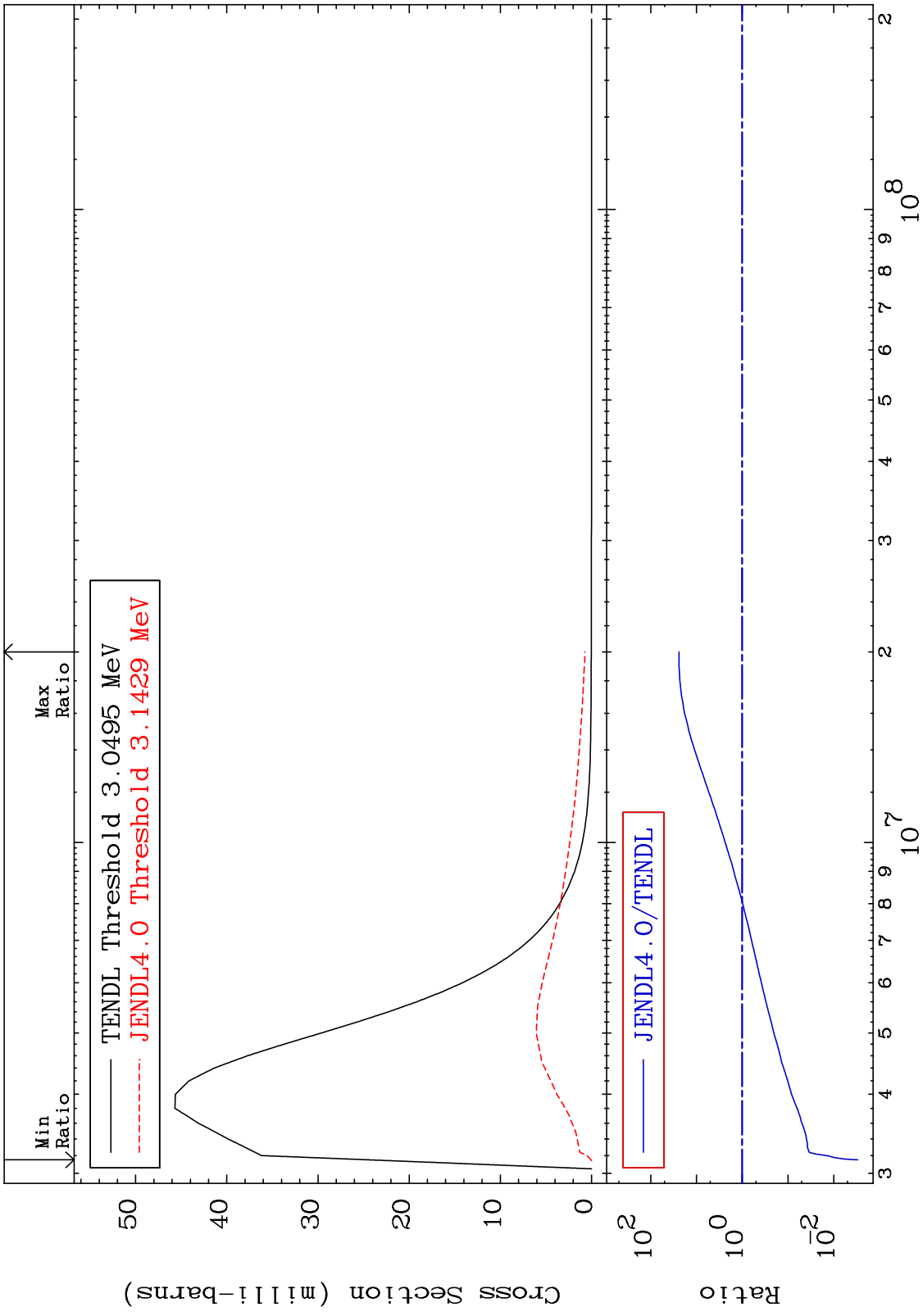




MAT 2434 MT= 67 (n,n') Level Cross Section -45.95 To 2099. % 24-Cr-53



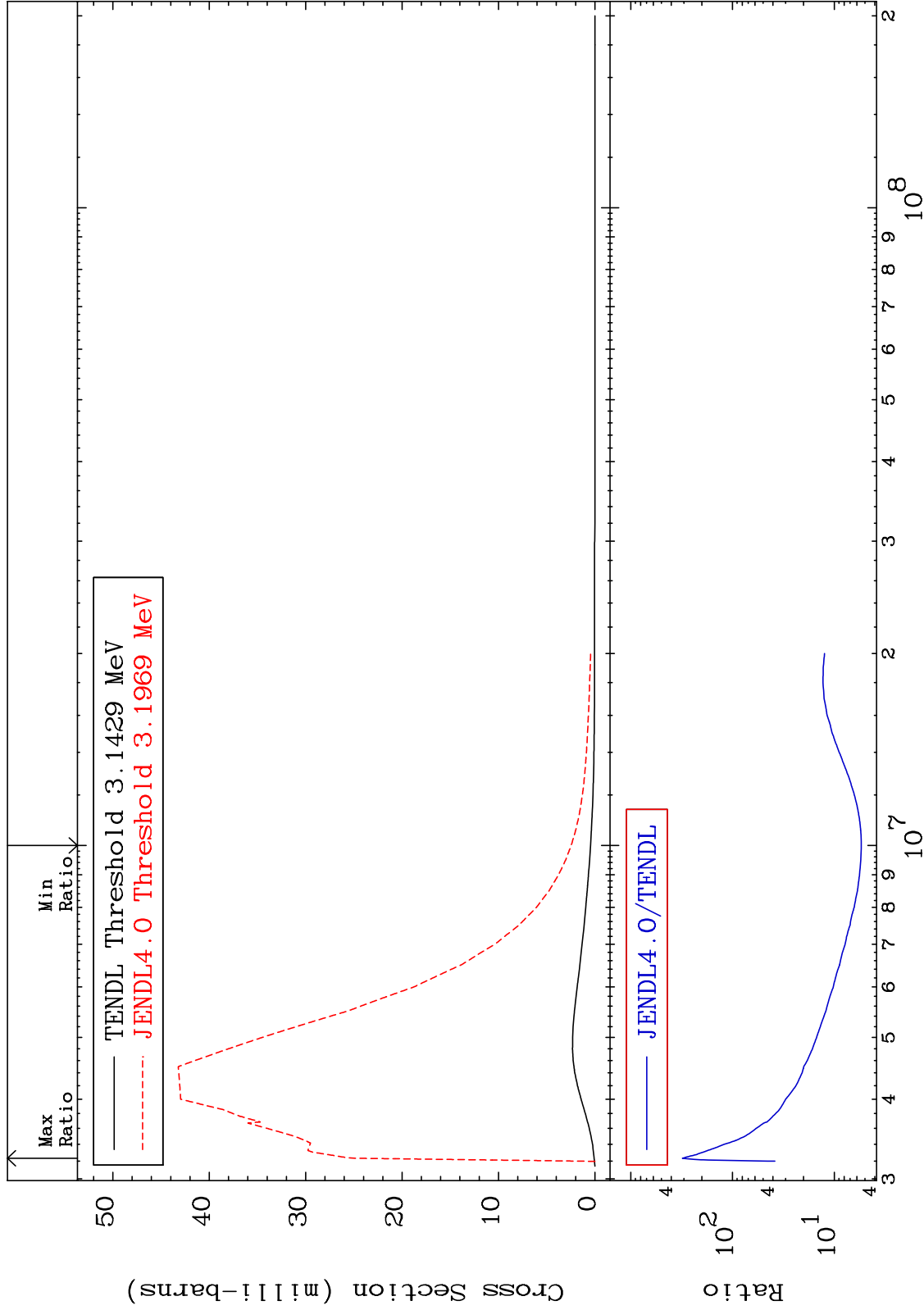
MAT 2434 MT= 68 (n,n') Level Cross Section -99.70 To 2316. % 24-Cr-53



MAT 2434

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

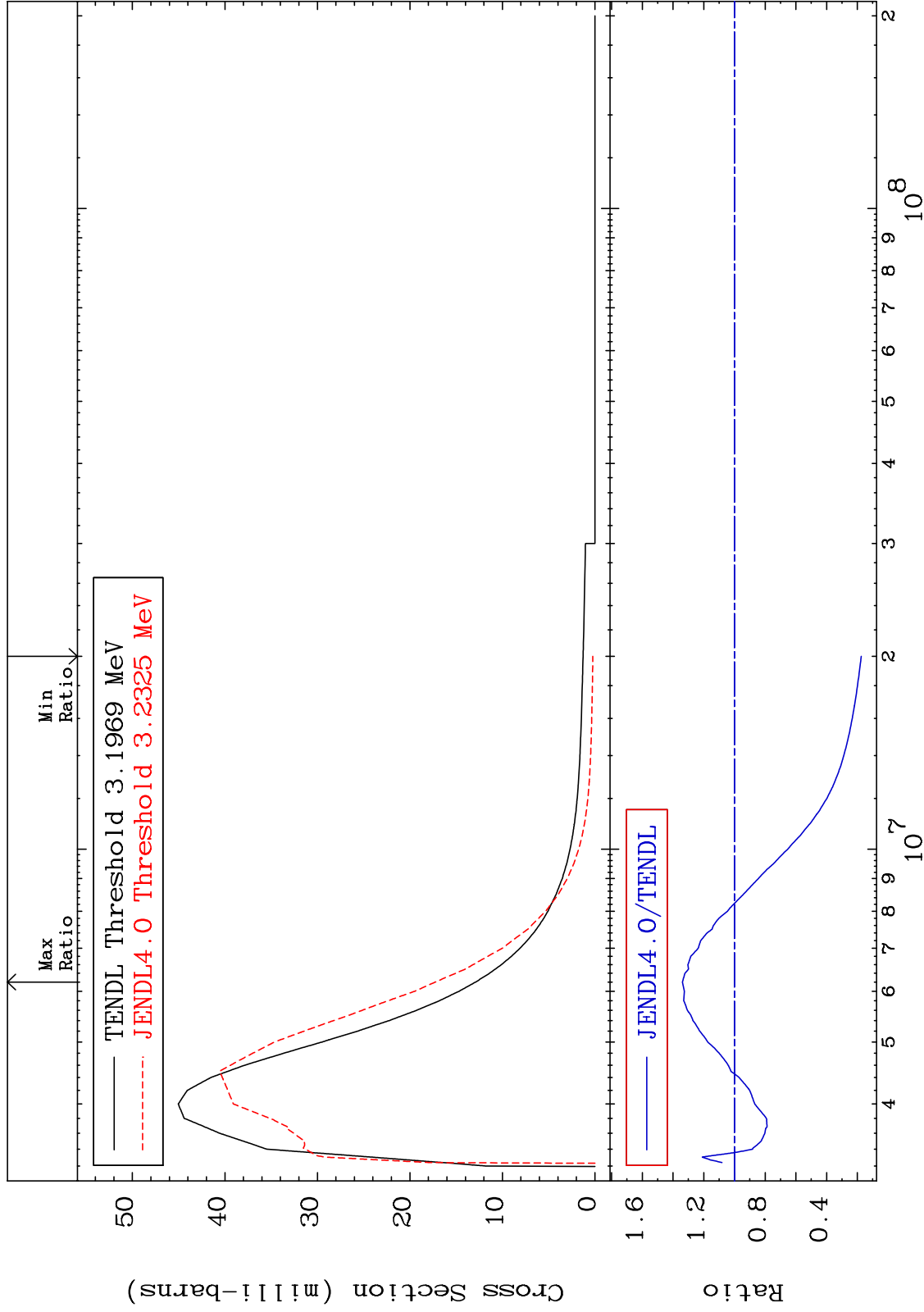
24-Cr-53  
442.5 To 9999. %



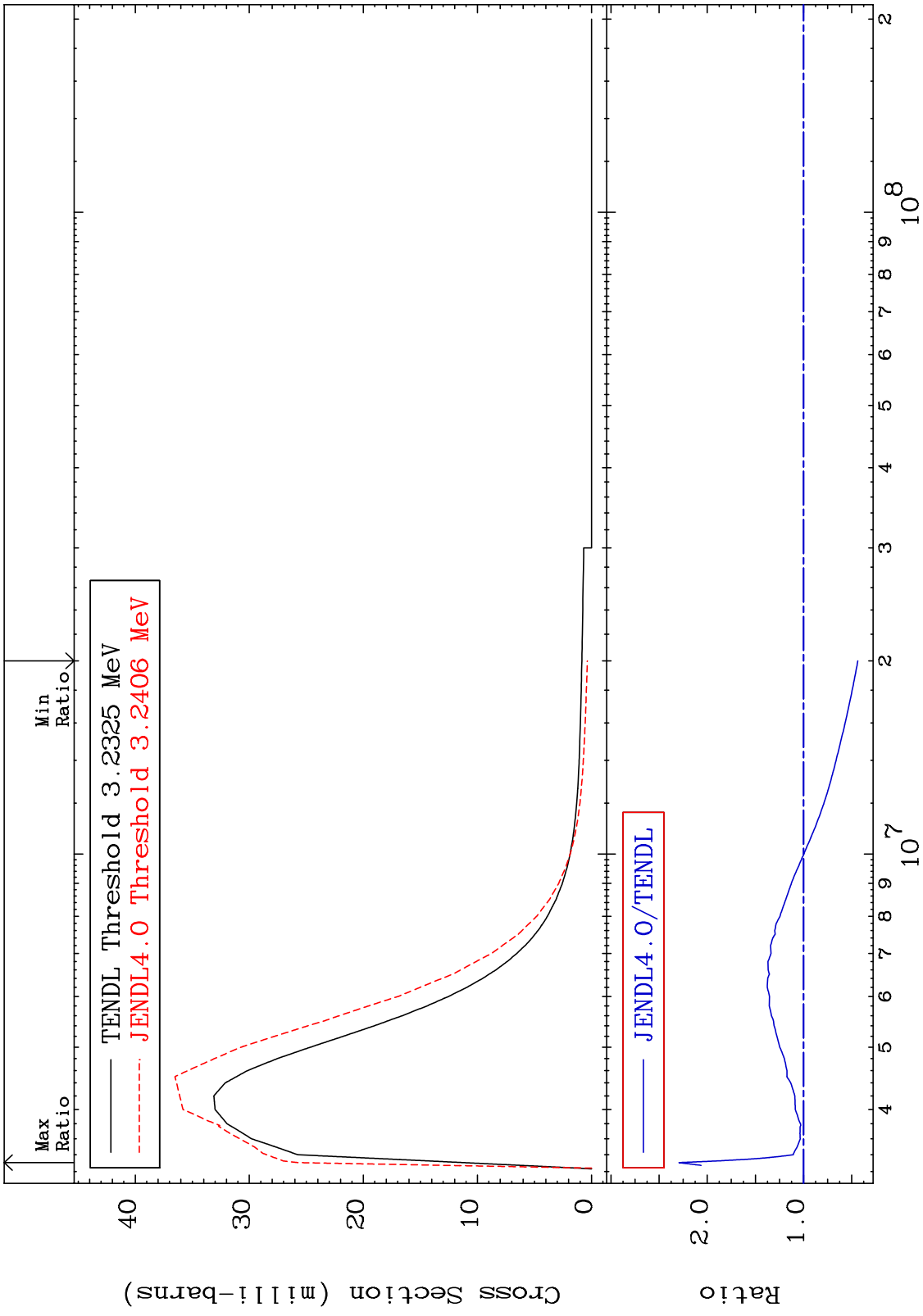
MAT 2434

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

24-Cr-53  
-82.57 To 33.85 %



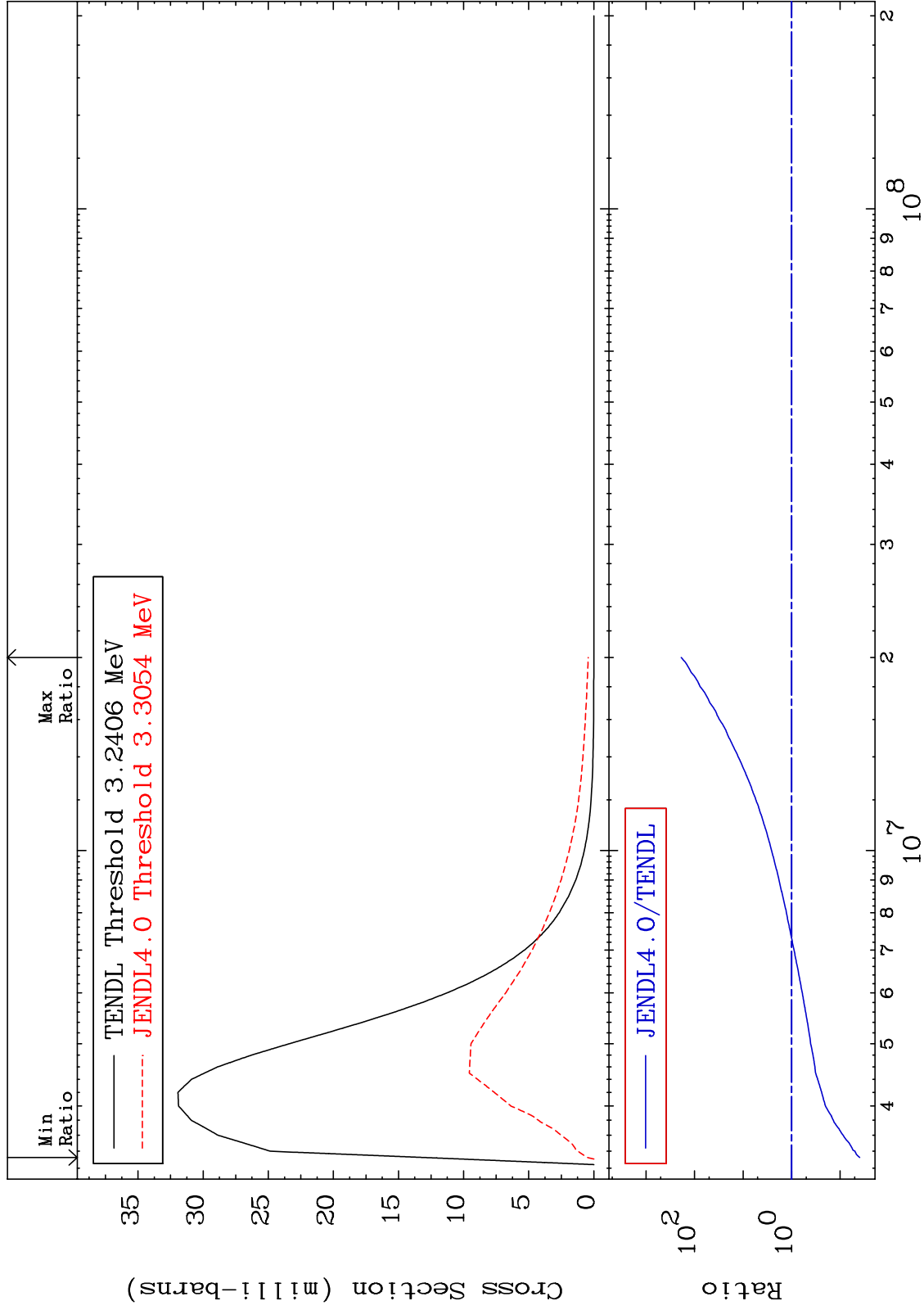
MAT 2434 MT= 71 (n,n') Level Cross Section -56.40 To 129.3 % 24-Cr-53



MAT 2434

MT= 72 (n,n') Level  
Cross Section

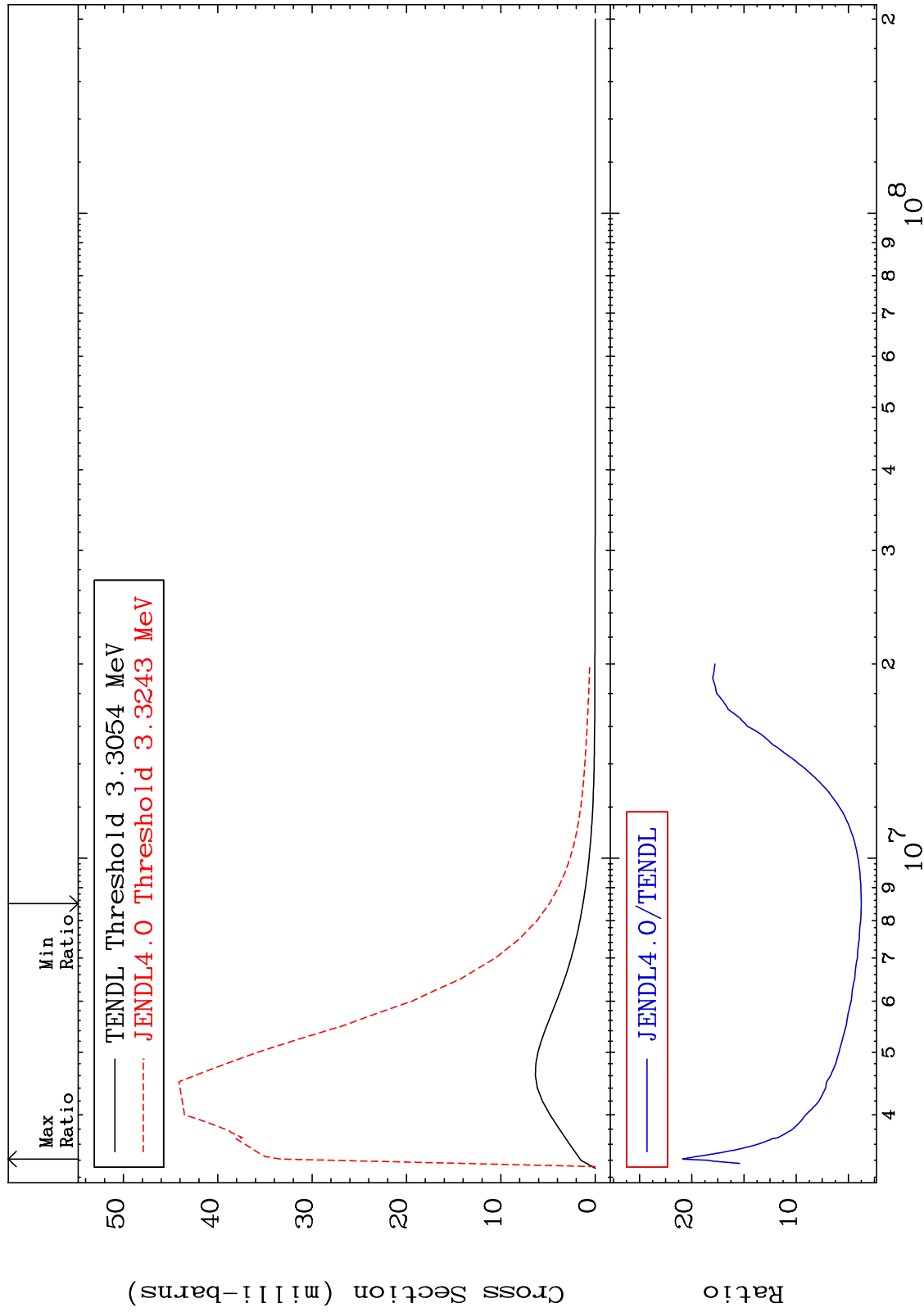
24-Cr-53  
-96.08 To 9999. %



MAT 2434

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

24-Cr-53  
275.4 To 1987. %

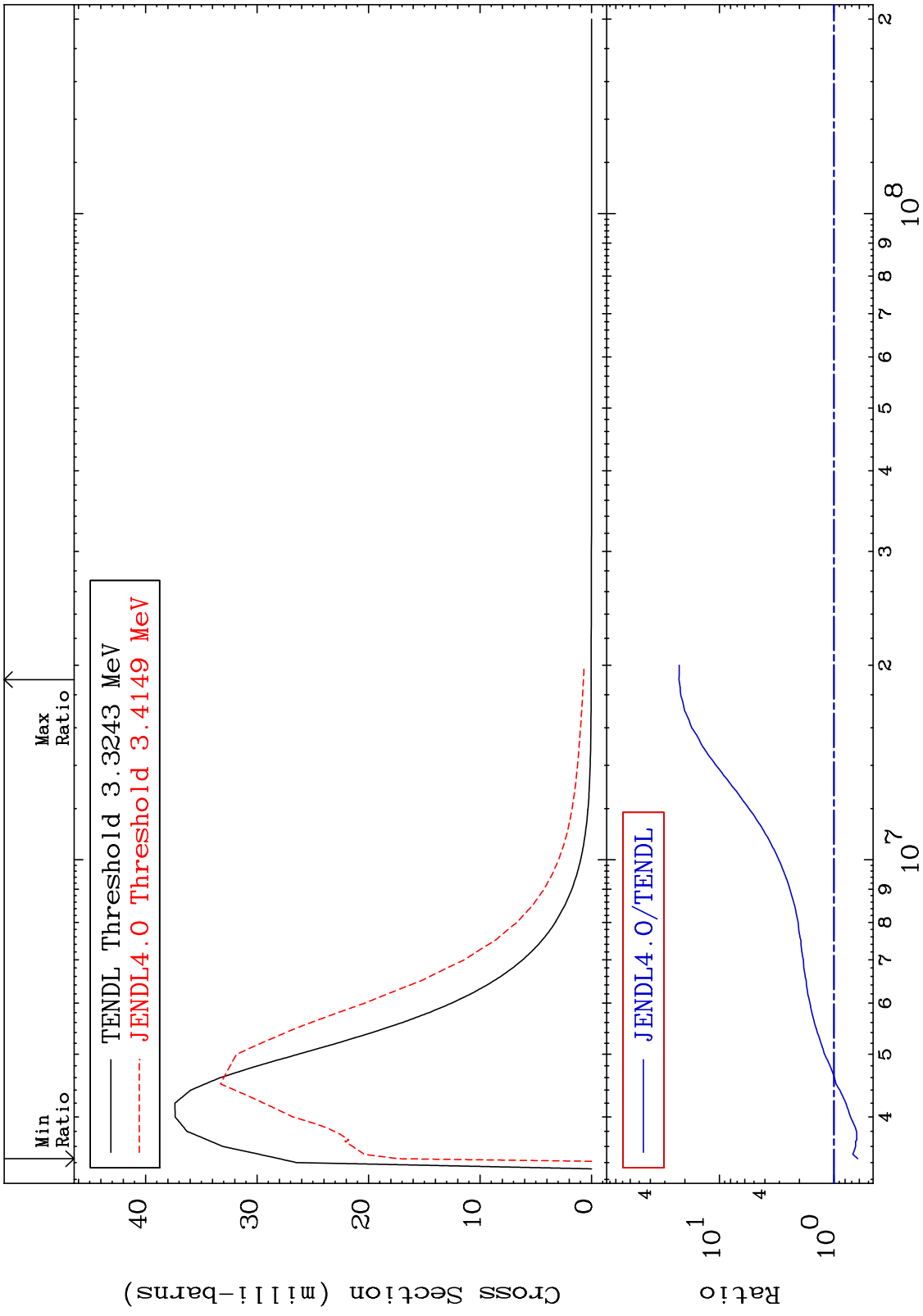


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Incident Energy (eV)

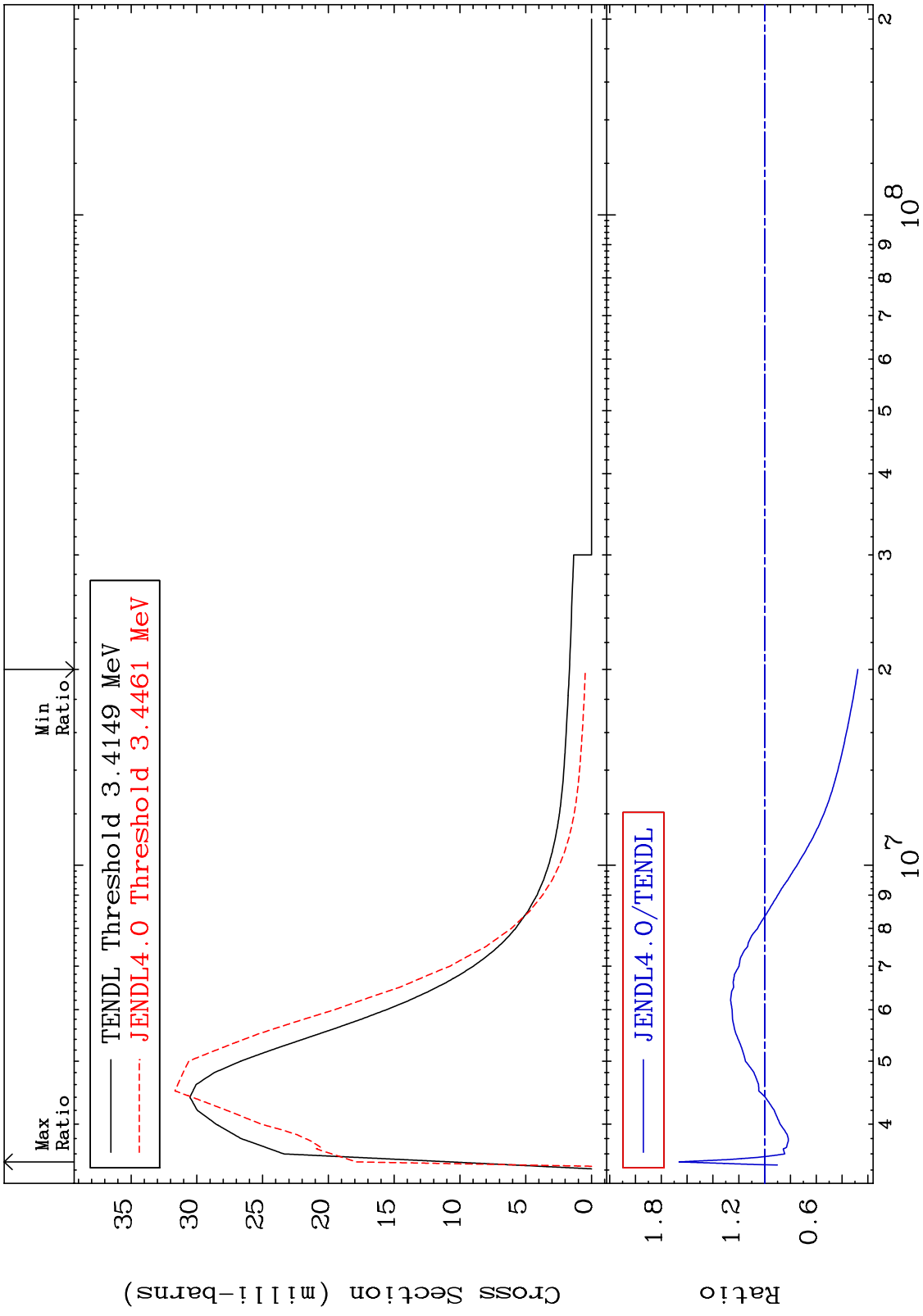
24-Cr-53

MAT 2434 MT= 74 (n,n') Level Cross Section -38.10 To 2148. % 24-Cr-53





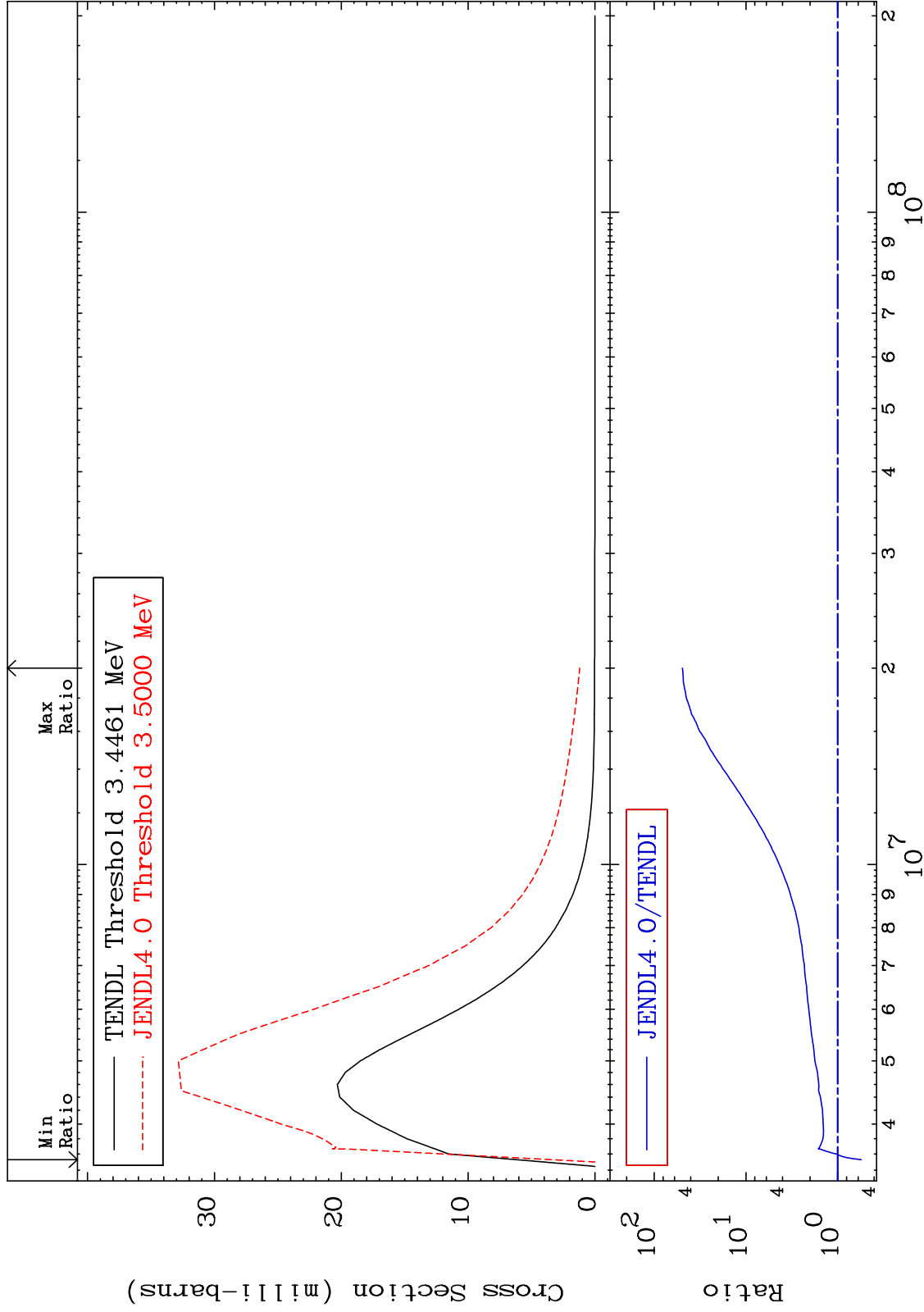
MAT 2434 MT= 75 (n,n') Level Cross Section -72.23 To 66.27 % 24-Cr-53



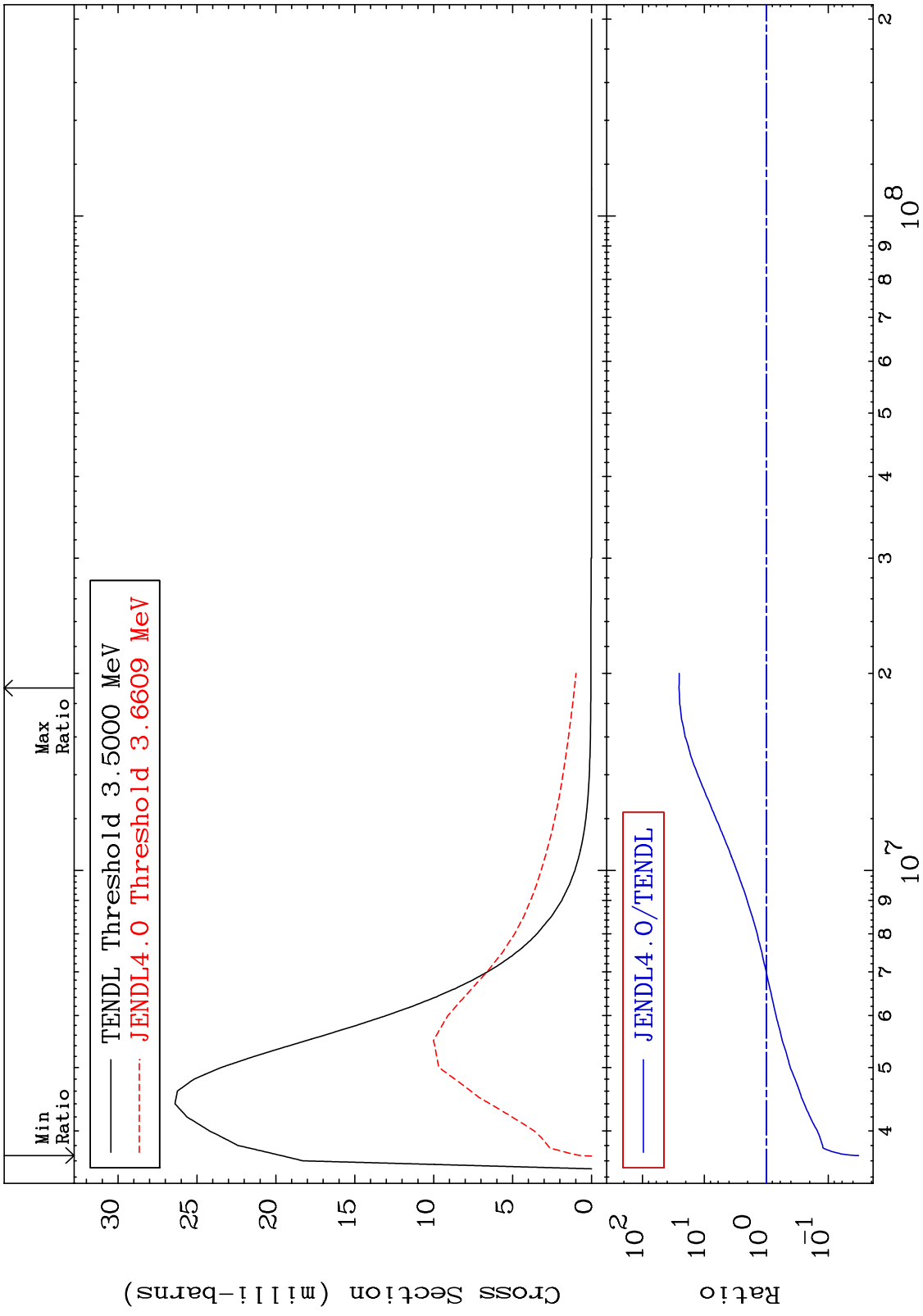
MAT 2434

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

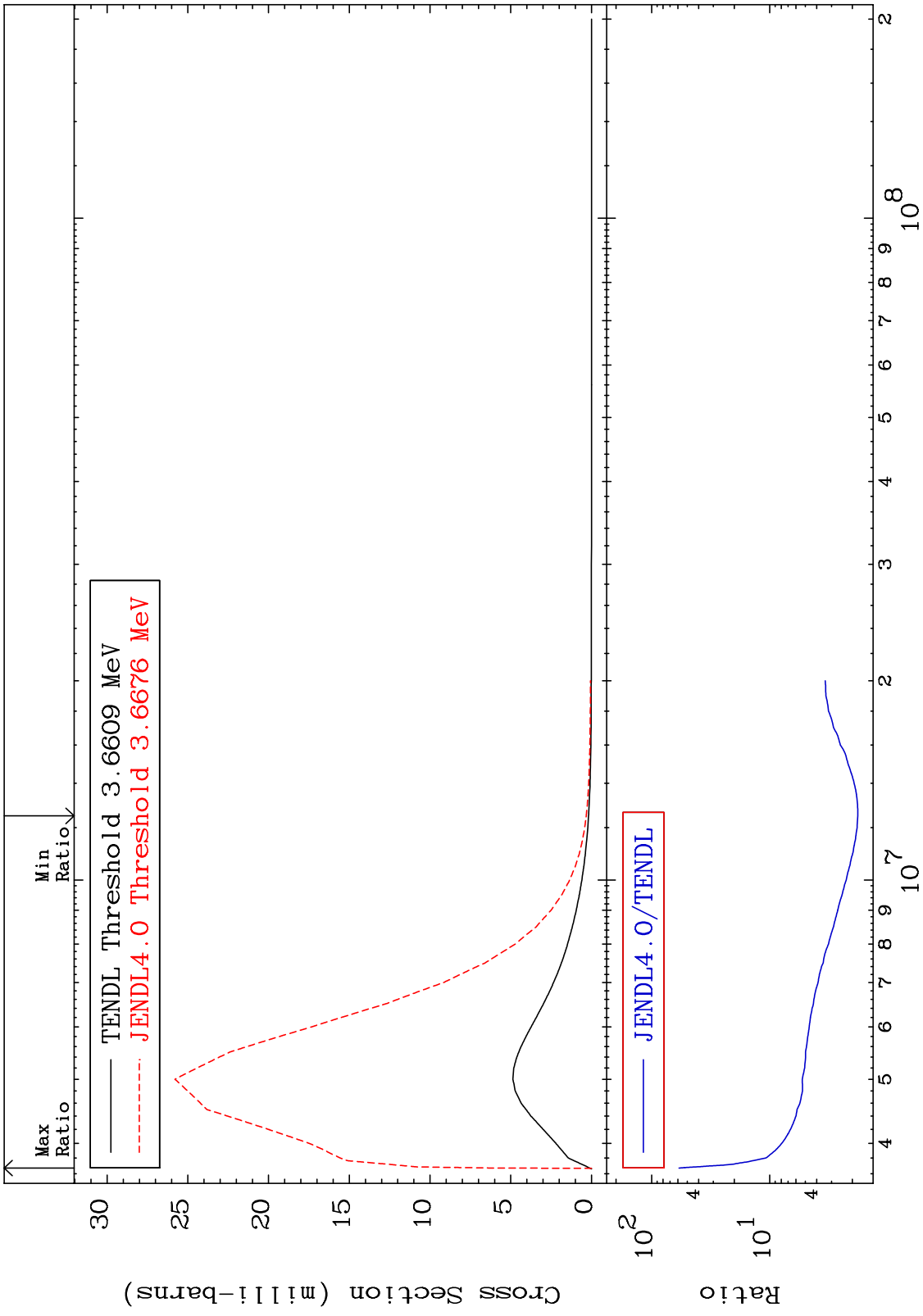
24-Cr-53  
-44.65 To 4823. %



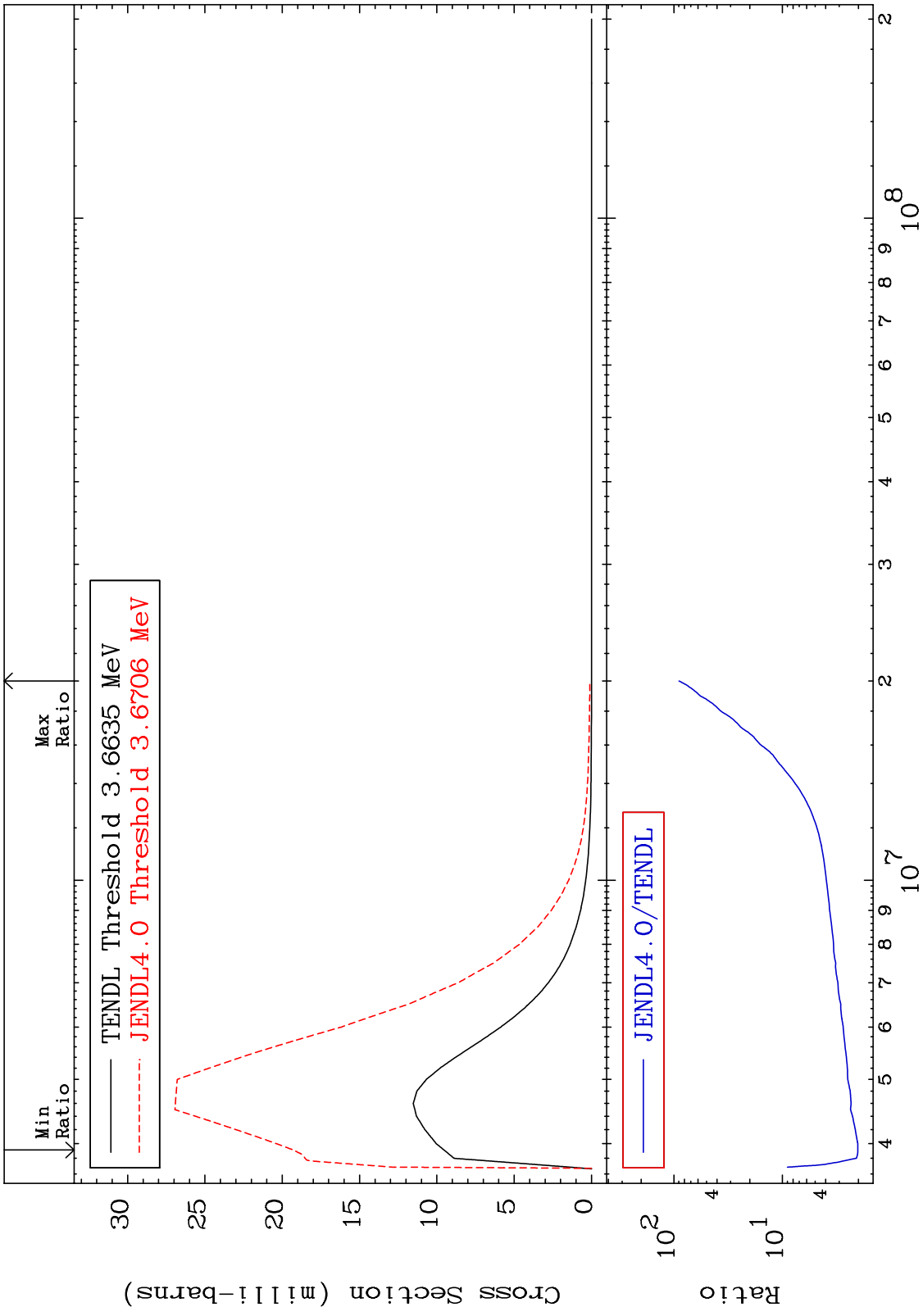
MAT 2434 MT= 77 (n,n') Level Cross Section -96.67 To 2472. % 24-Cr-53



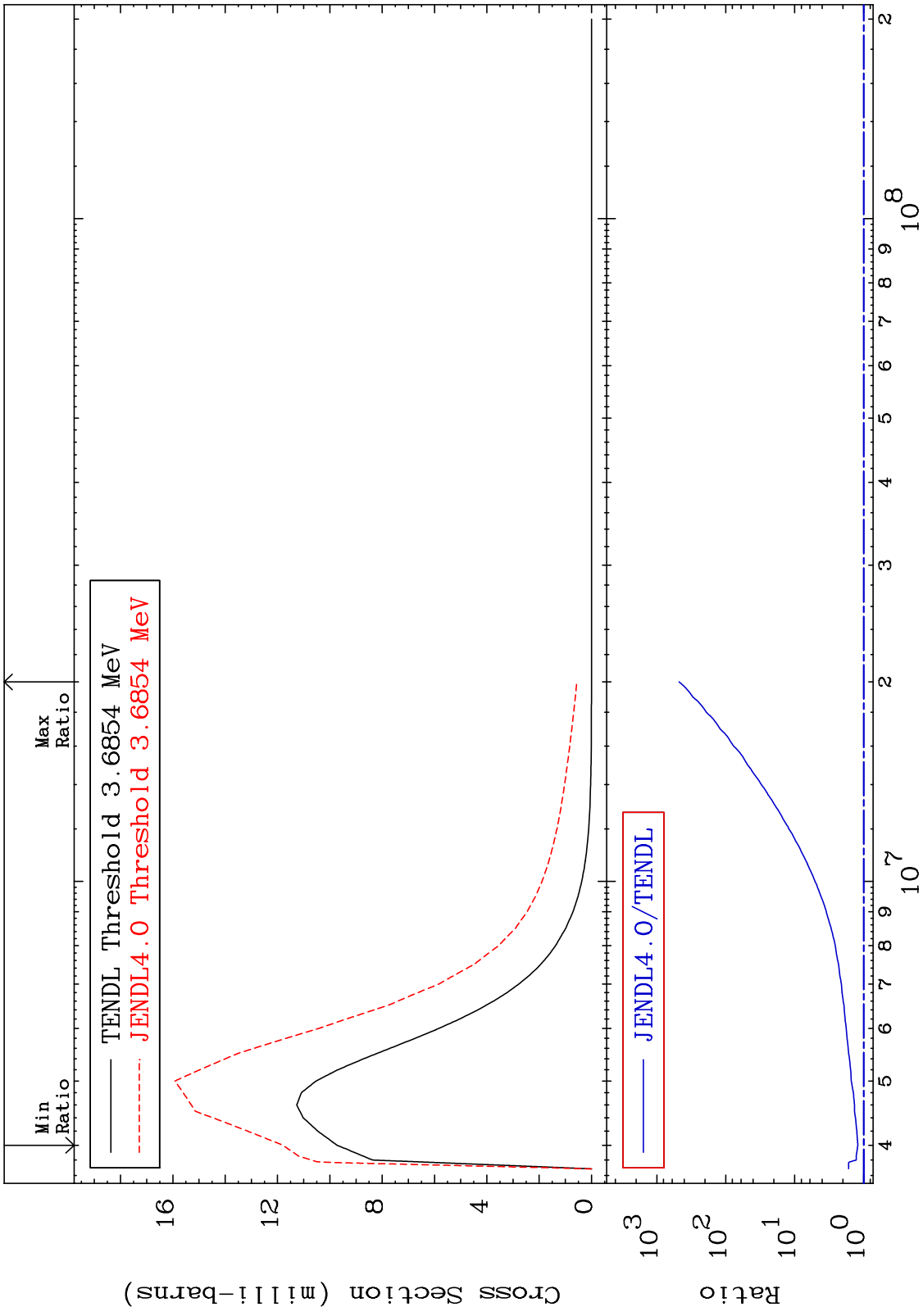
MAT 2434 MT= 78 (n,n') Level Cross Section 24-Cr-53 79.74 To 5760. %



MAT 2434 MT= 79 (n,n') Level Cross Section 24-Cr-53  
 102.2 To 8859. %



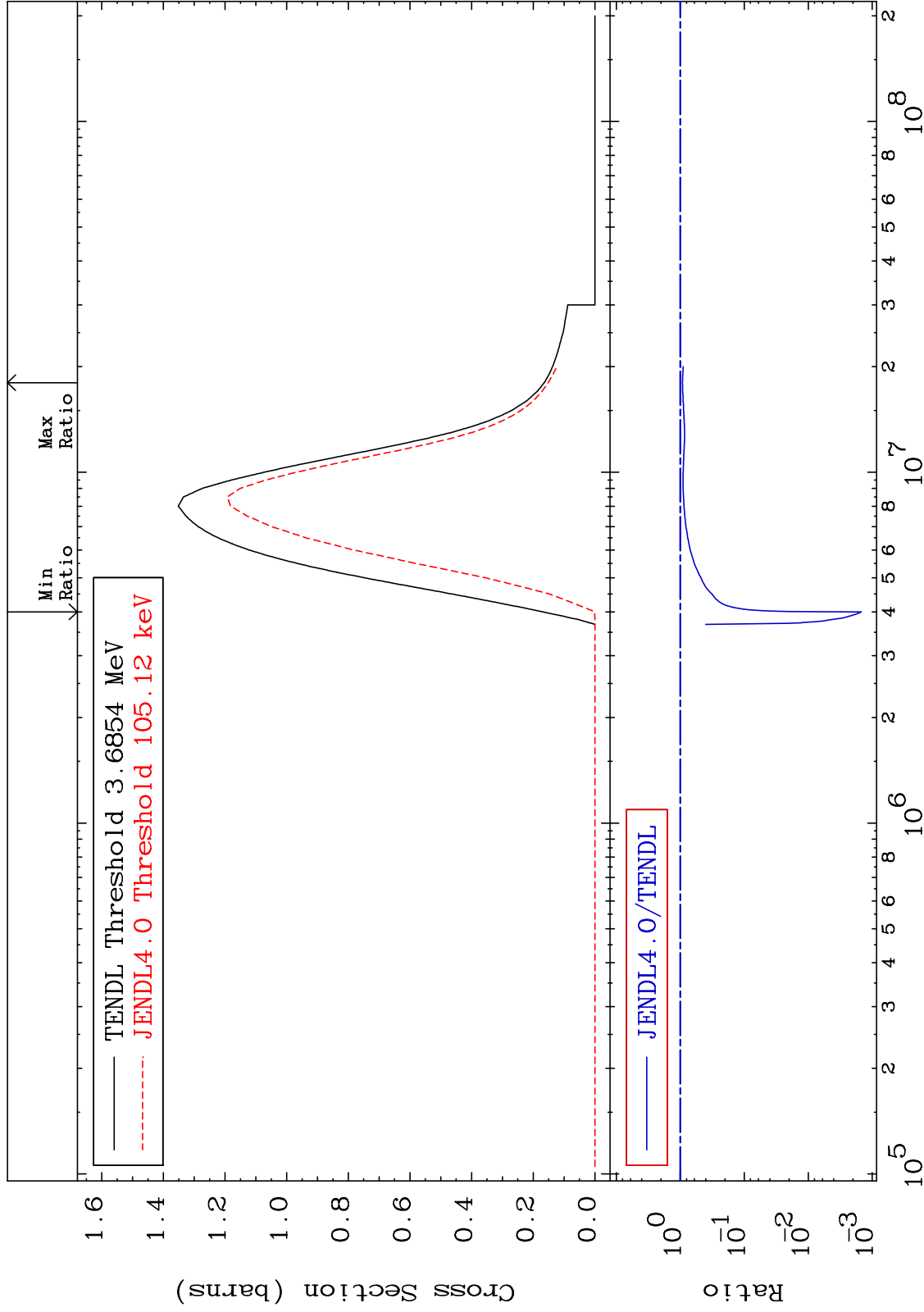
MAT 2434 MT= 80 (n,n') Level Cross Section 21.34 To 9999. % 24-Cr-53



MAT 2434

(n, n') Continuum  
Cross Section

24-Cr-53  
-99.85 To -7.533%



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Incident Energy (eV)

24-Cr-53

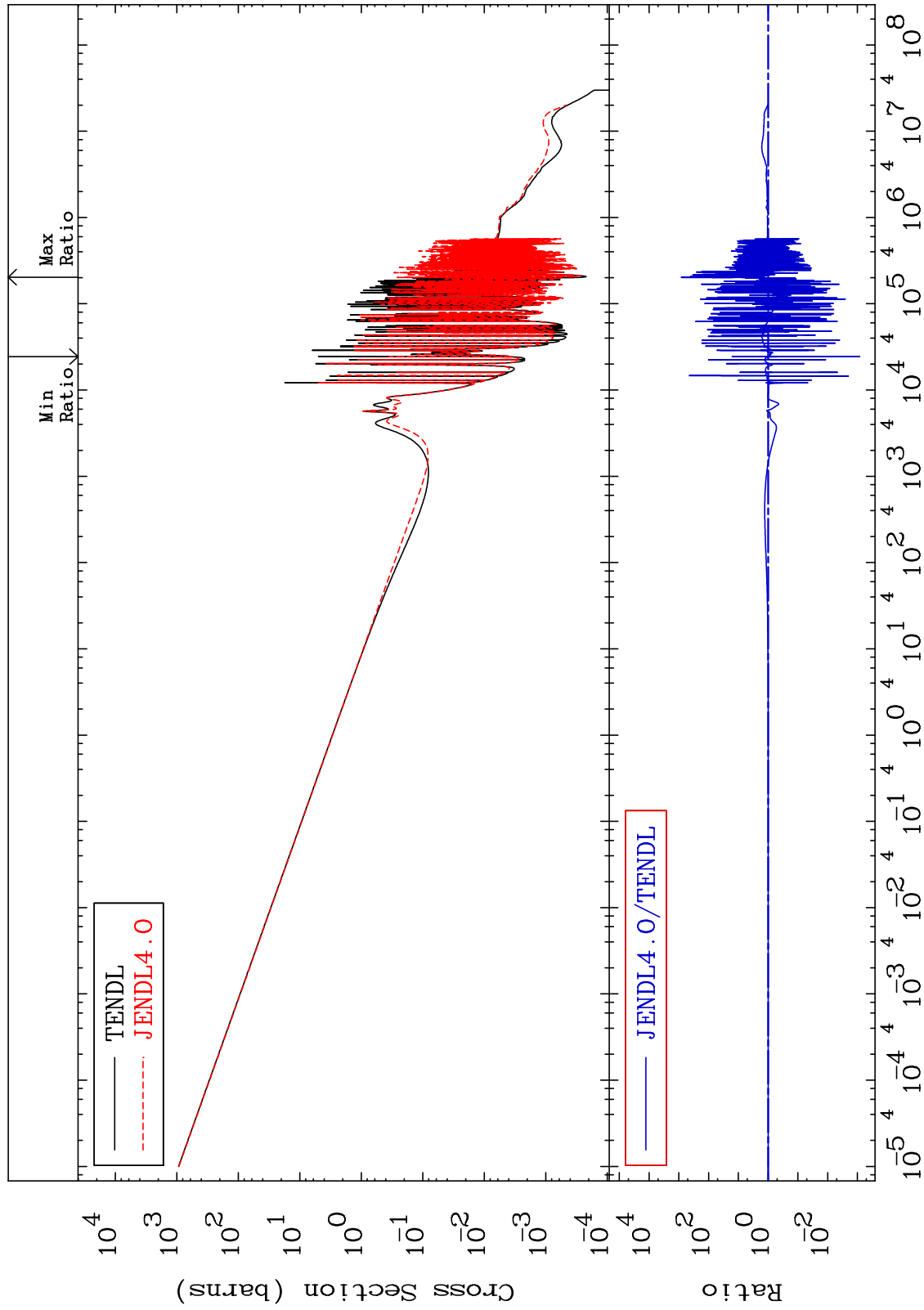
MAT 2434

(n,  $\gamma$ )

24-Cr-53

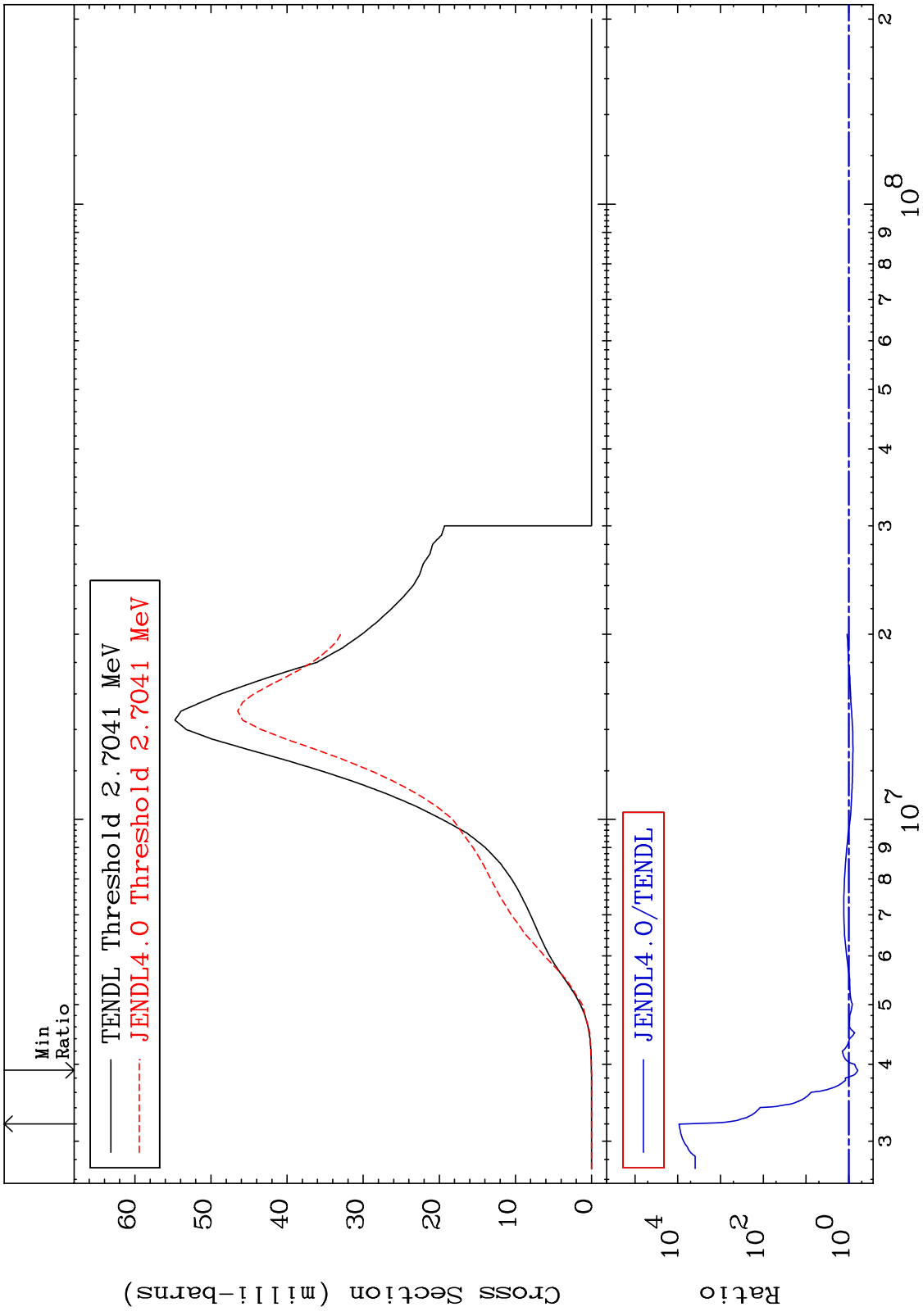
Cross Section

-99.92 To 9999. %



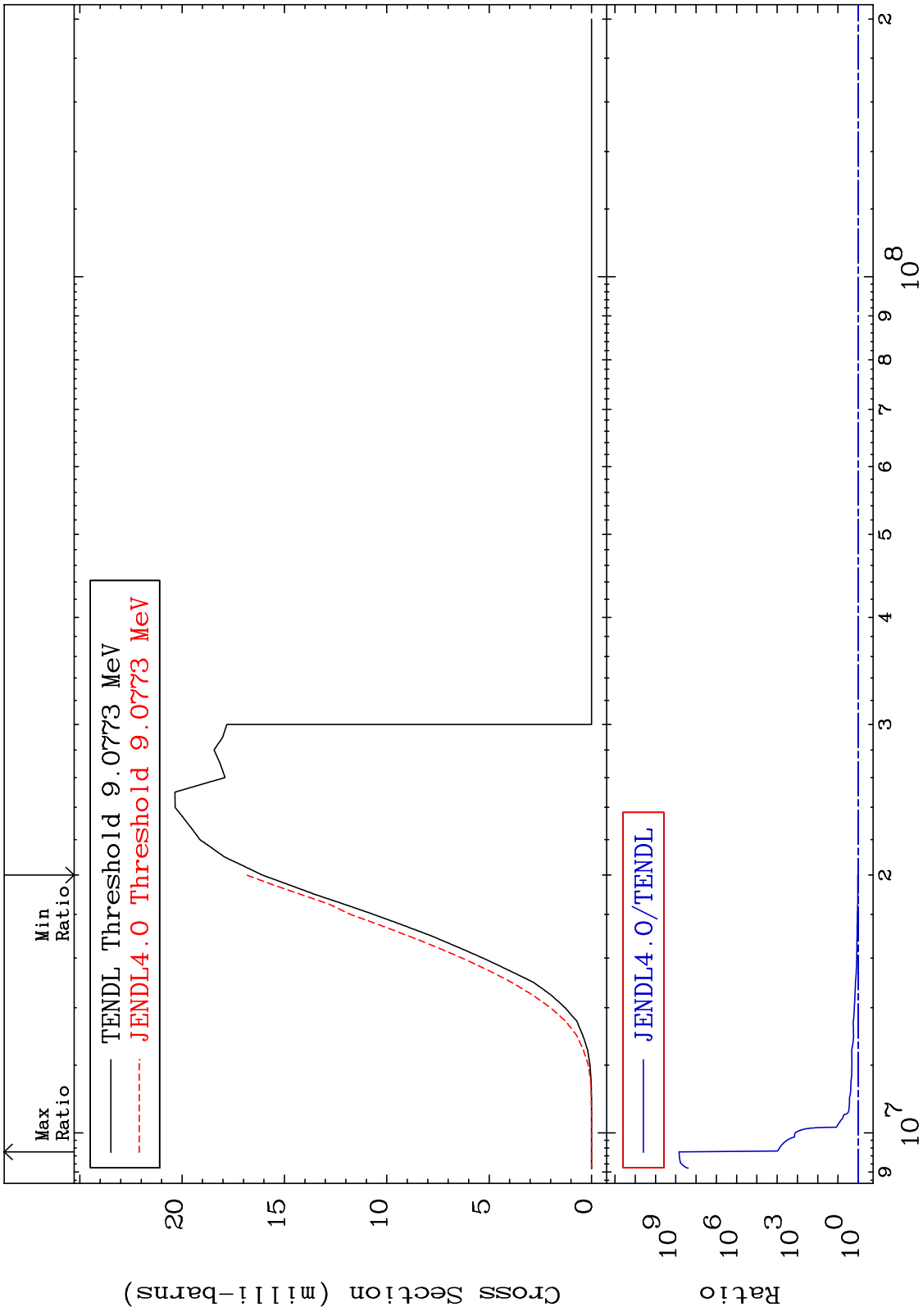


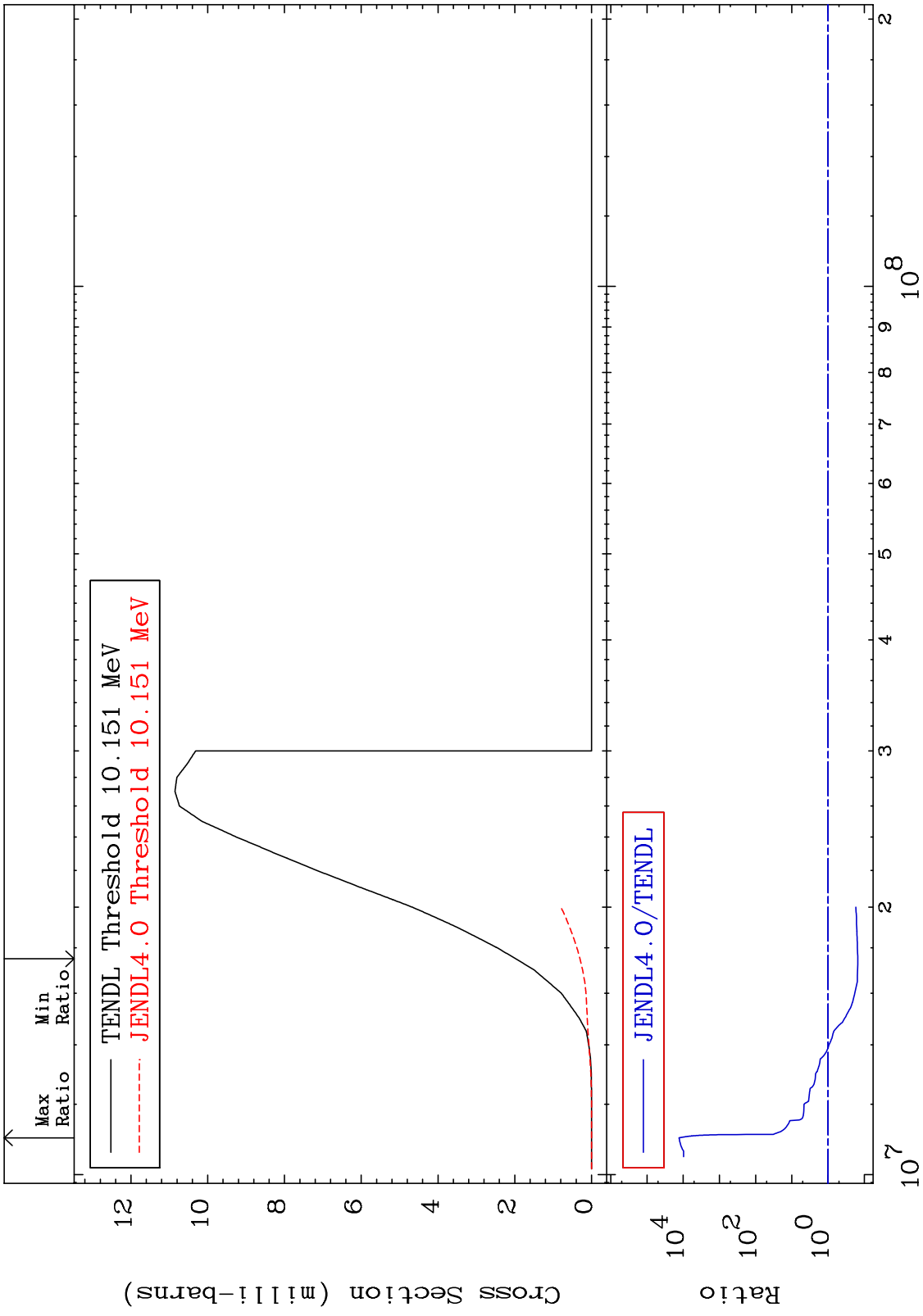
MAT 2434 (n,p) 24-Cr-53  
 Cross Section -38.50 To 9999. %

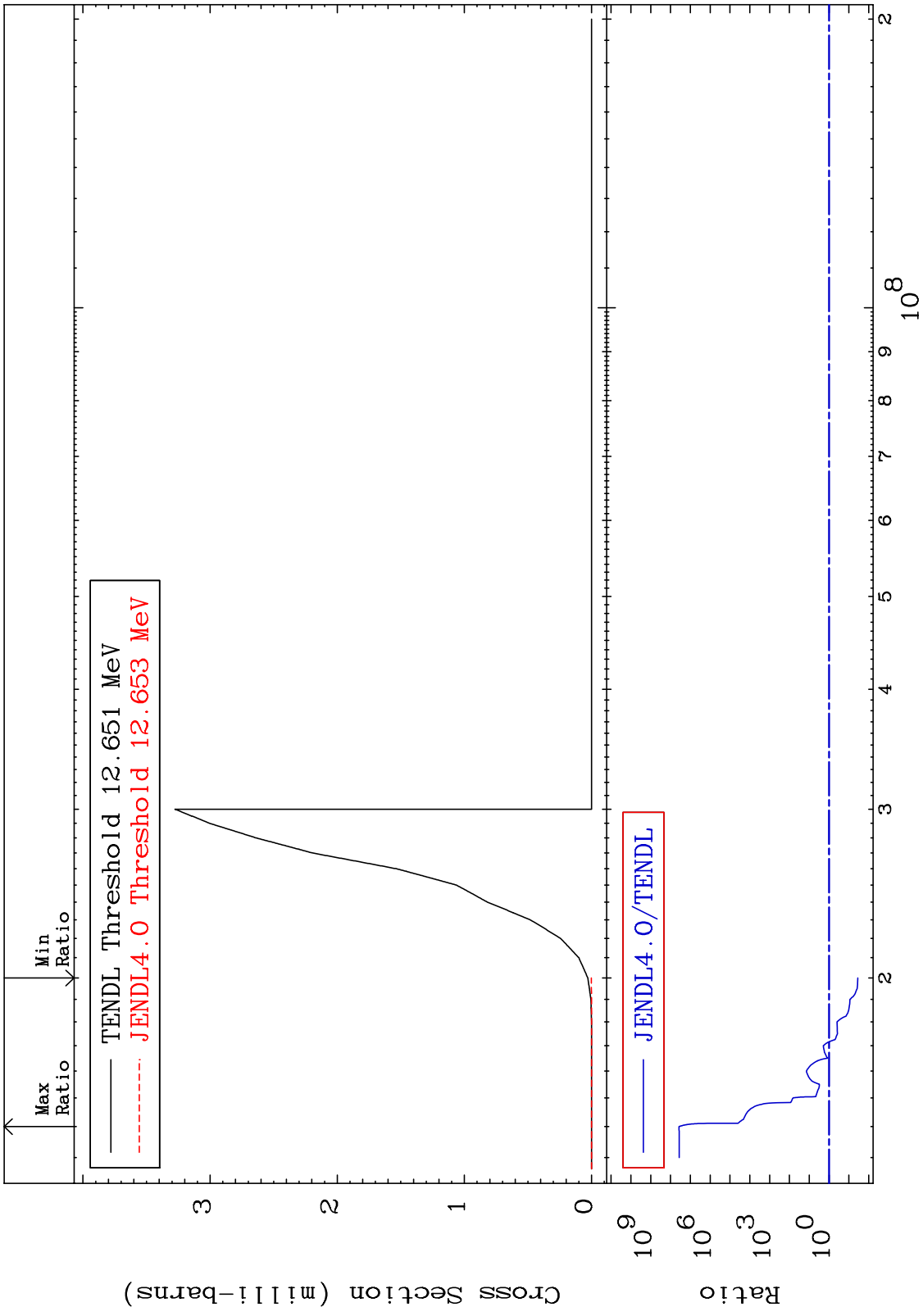


40 Incident Energy (eV) 24-Cr-53

MAT 2434 (n,d) Cross Section 24-Cr-53 To 9999. %  
 4.726







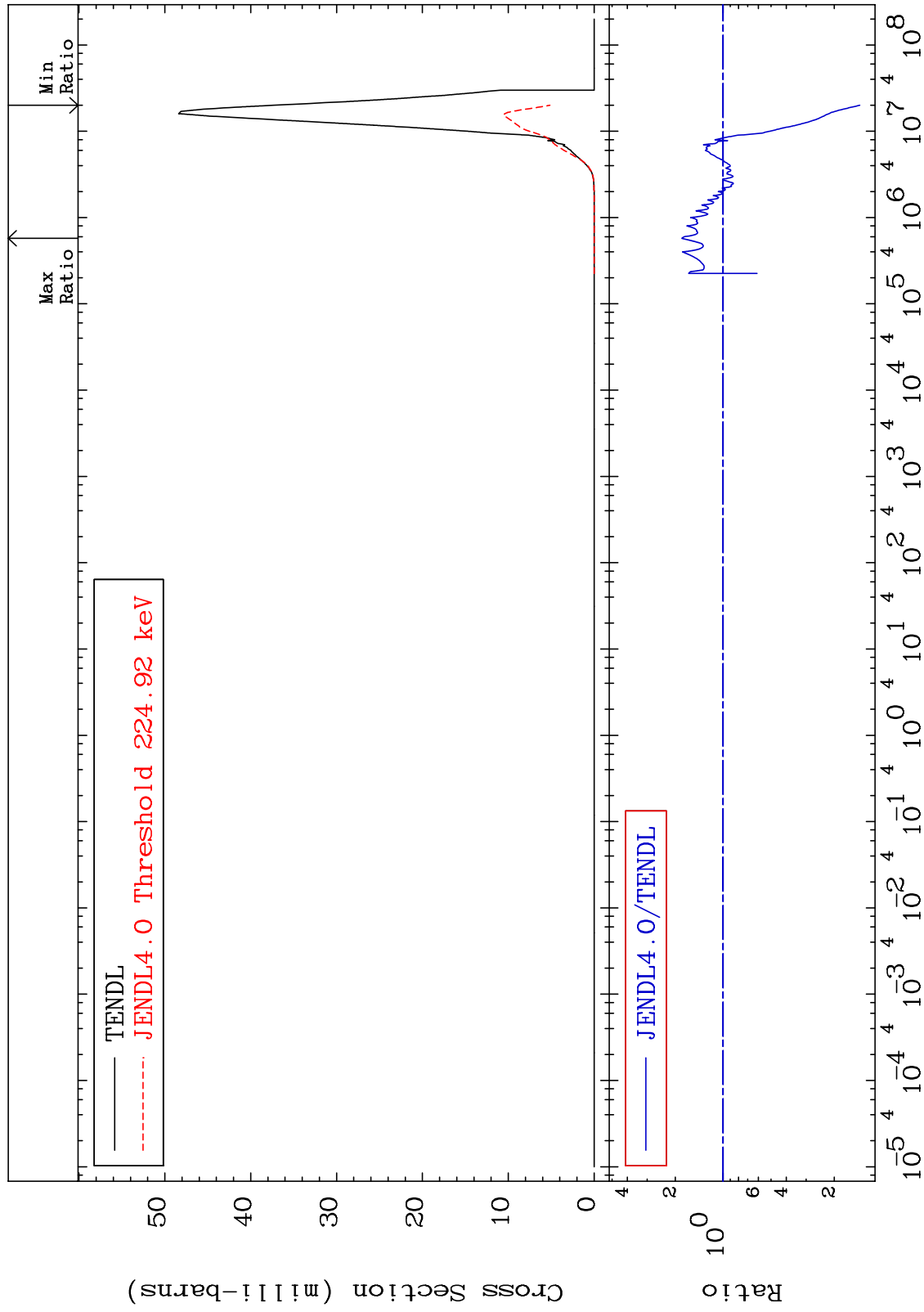
MAT 2434

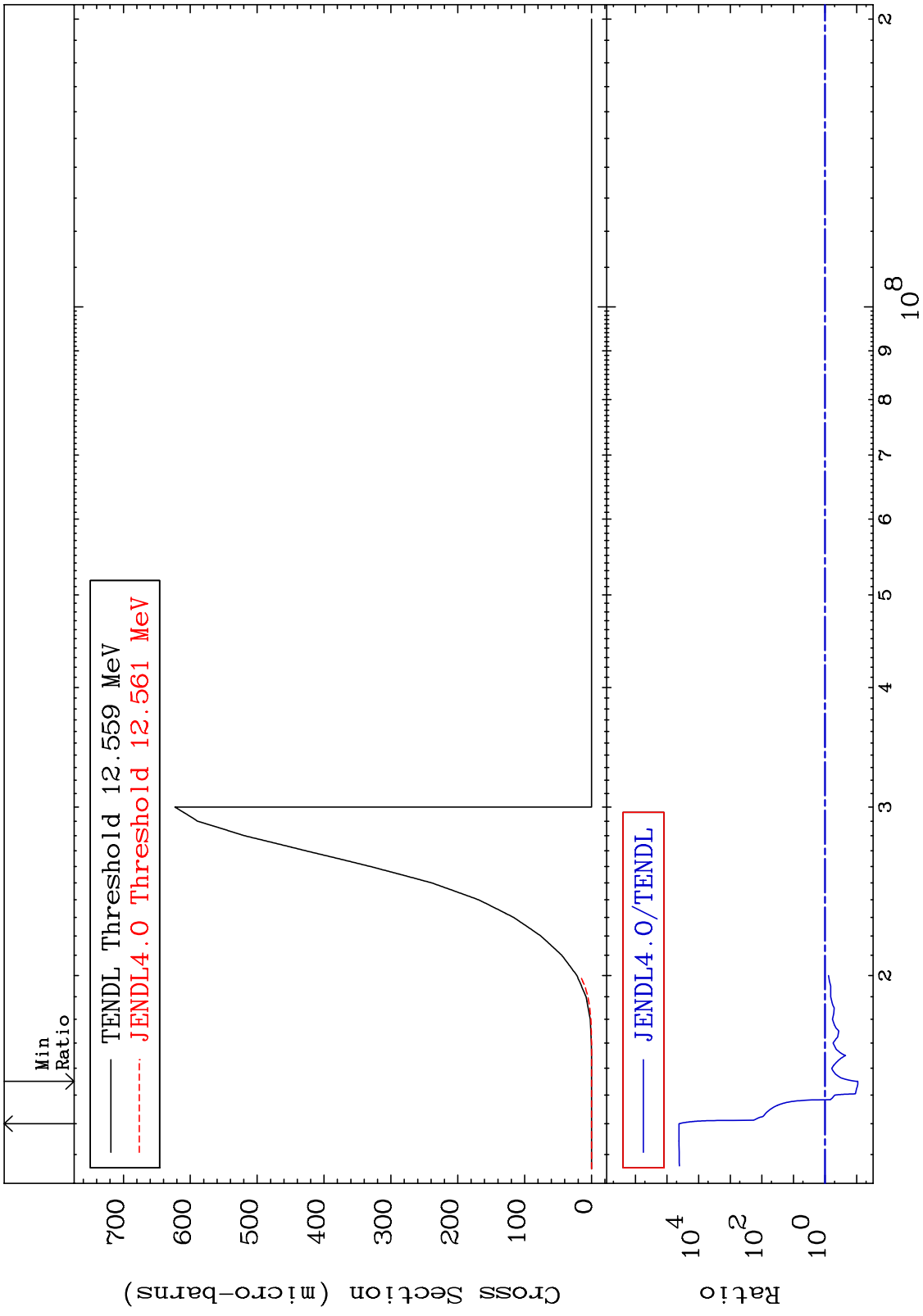
(n,  $\alpha$ )

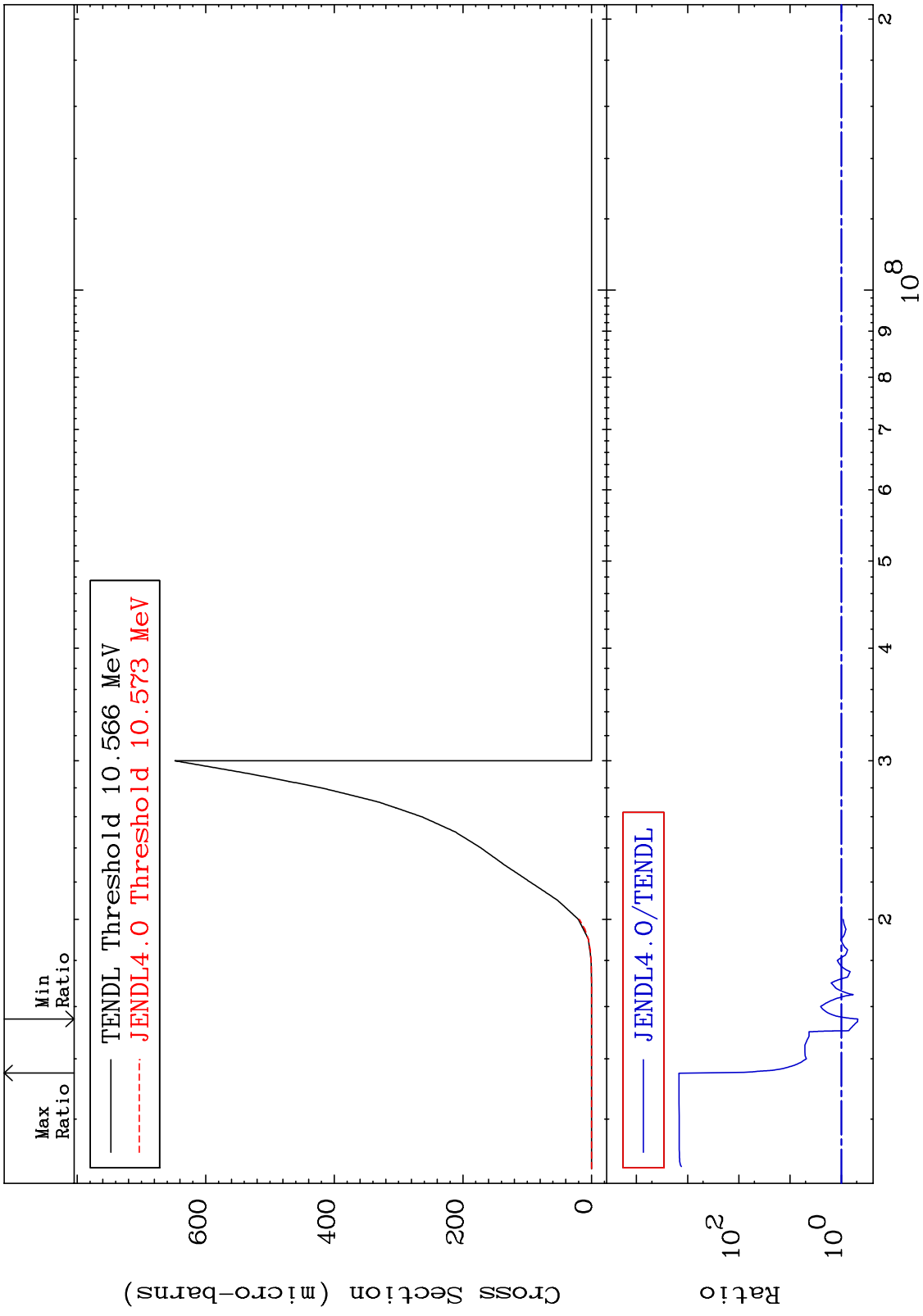
24-Cr-53

Cross Section

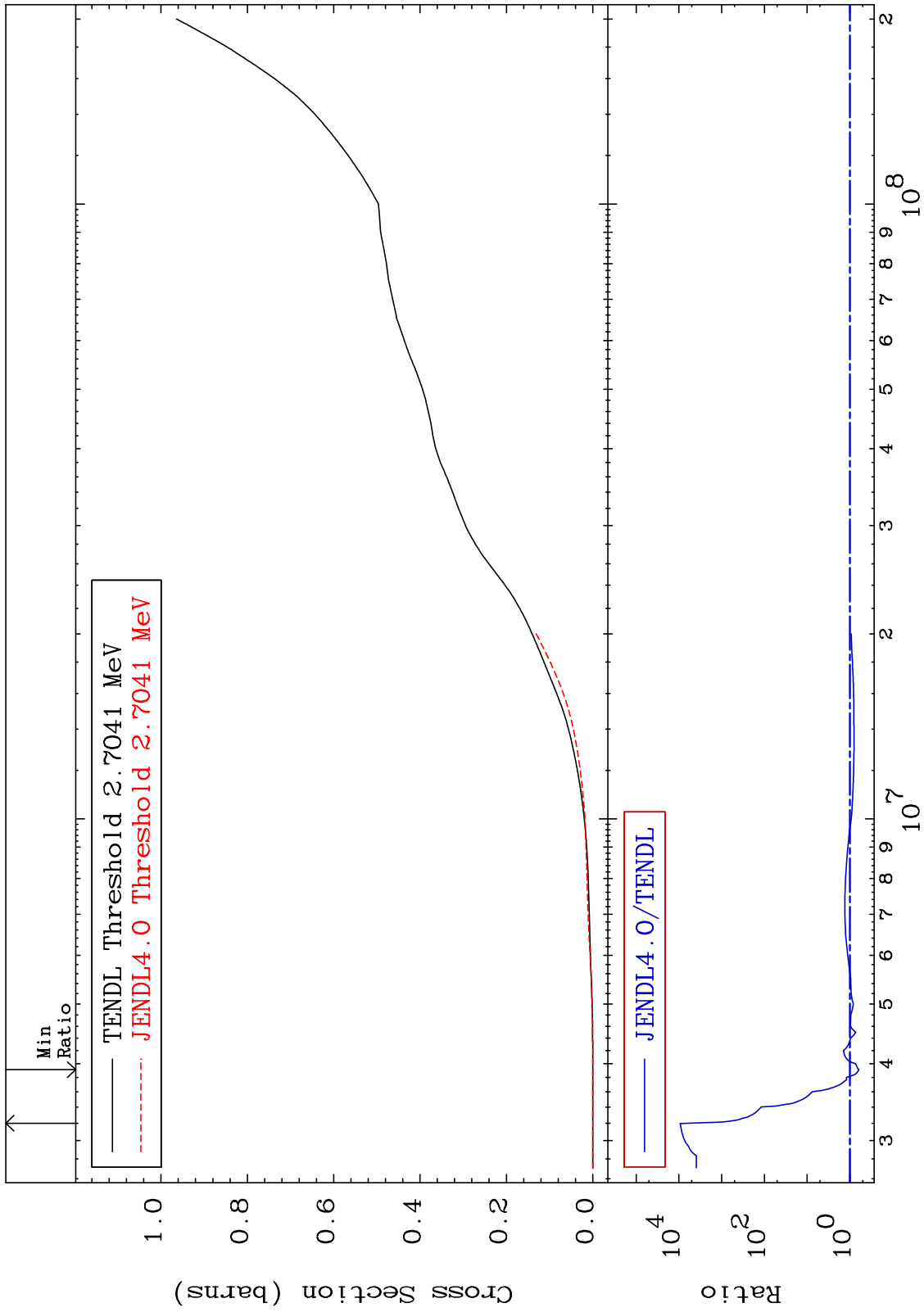
-86.21 To 82.74 %







MAT 2434 Hydrogen Production Cross Section 24-Cr-53  
 -38.50 To 9999. %

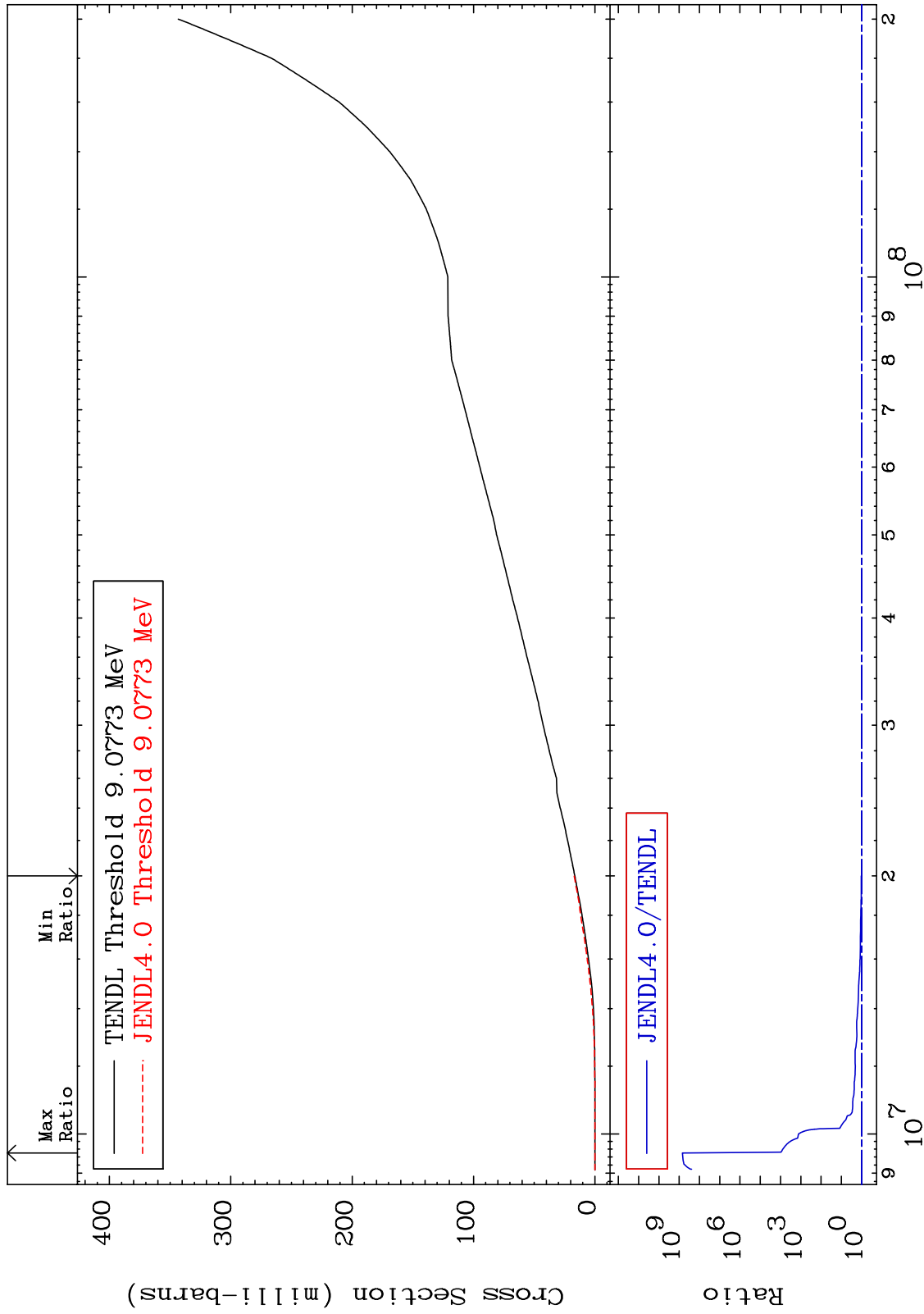




MAT 2434

Deuterium Production  
Cross Section

24-Cr-53  
3.523 To 9999. %



48

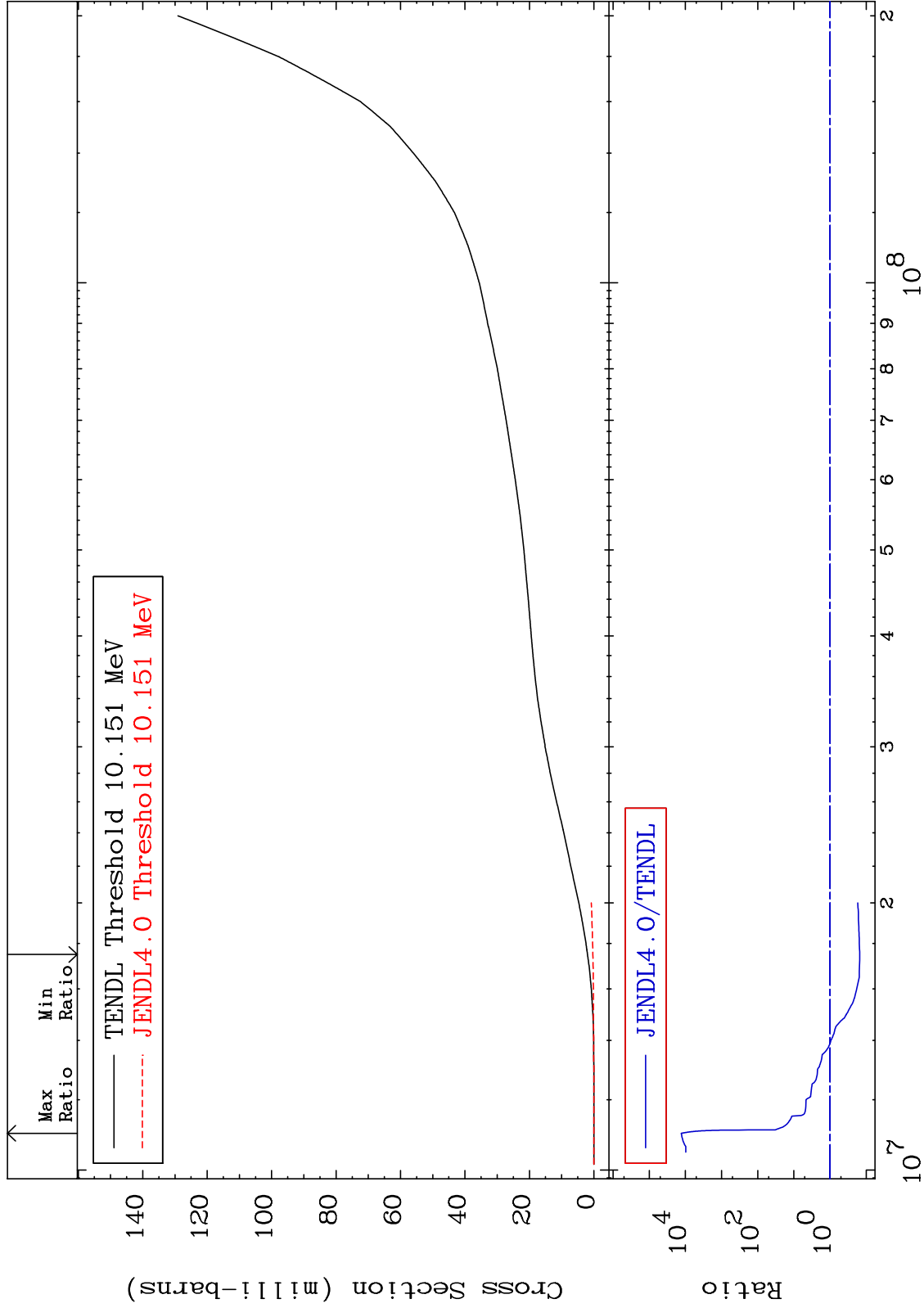
Incident Energy (eV)

24-Cr-53

MAT 2434

Tritium Production  
Cross Section

24-Cr-53  
-84.91 To 9999. %



49

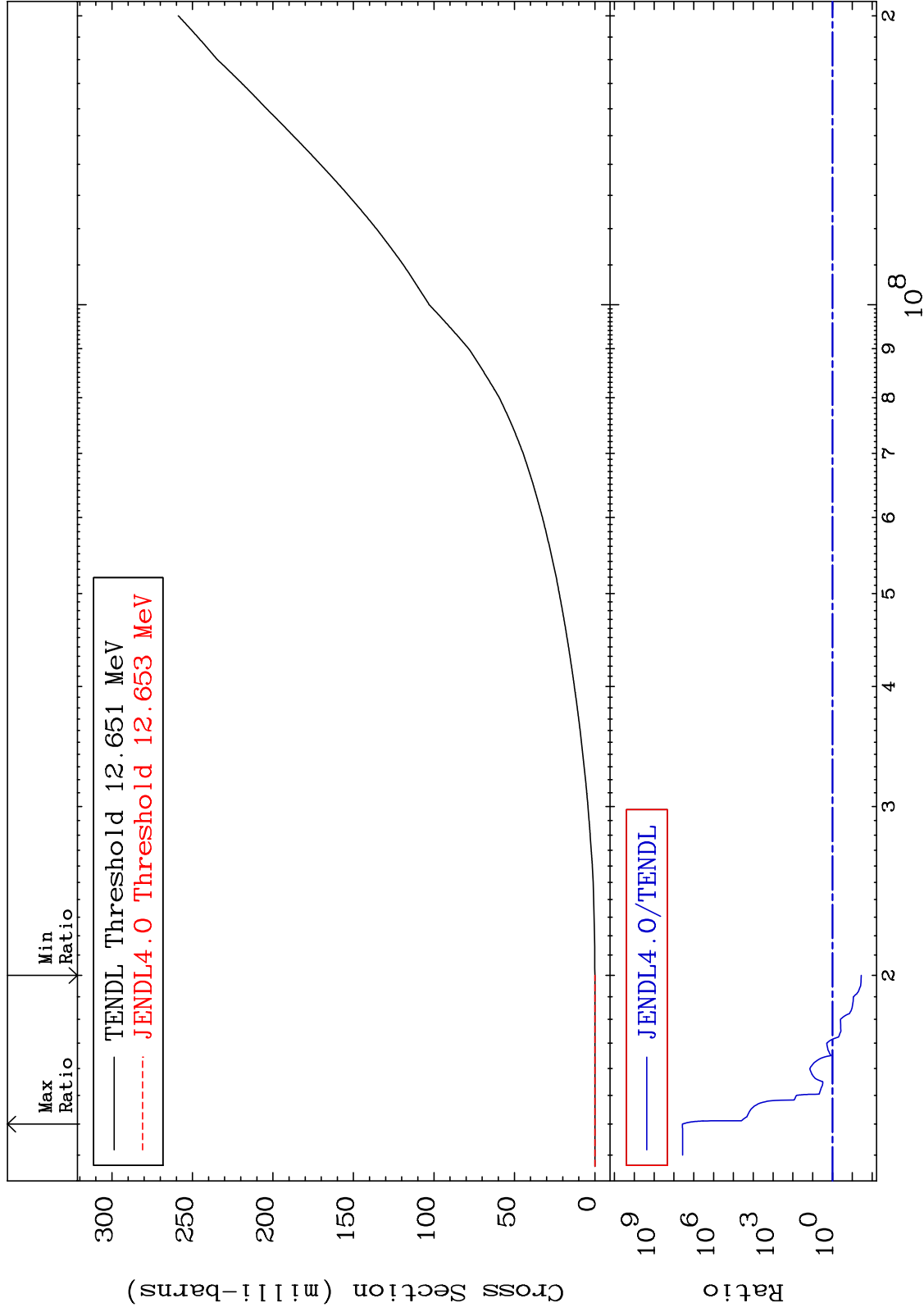
Incident Energy (eV)

24-Cr-53

MAT 2434

He-3 Production  
Cross Section

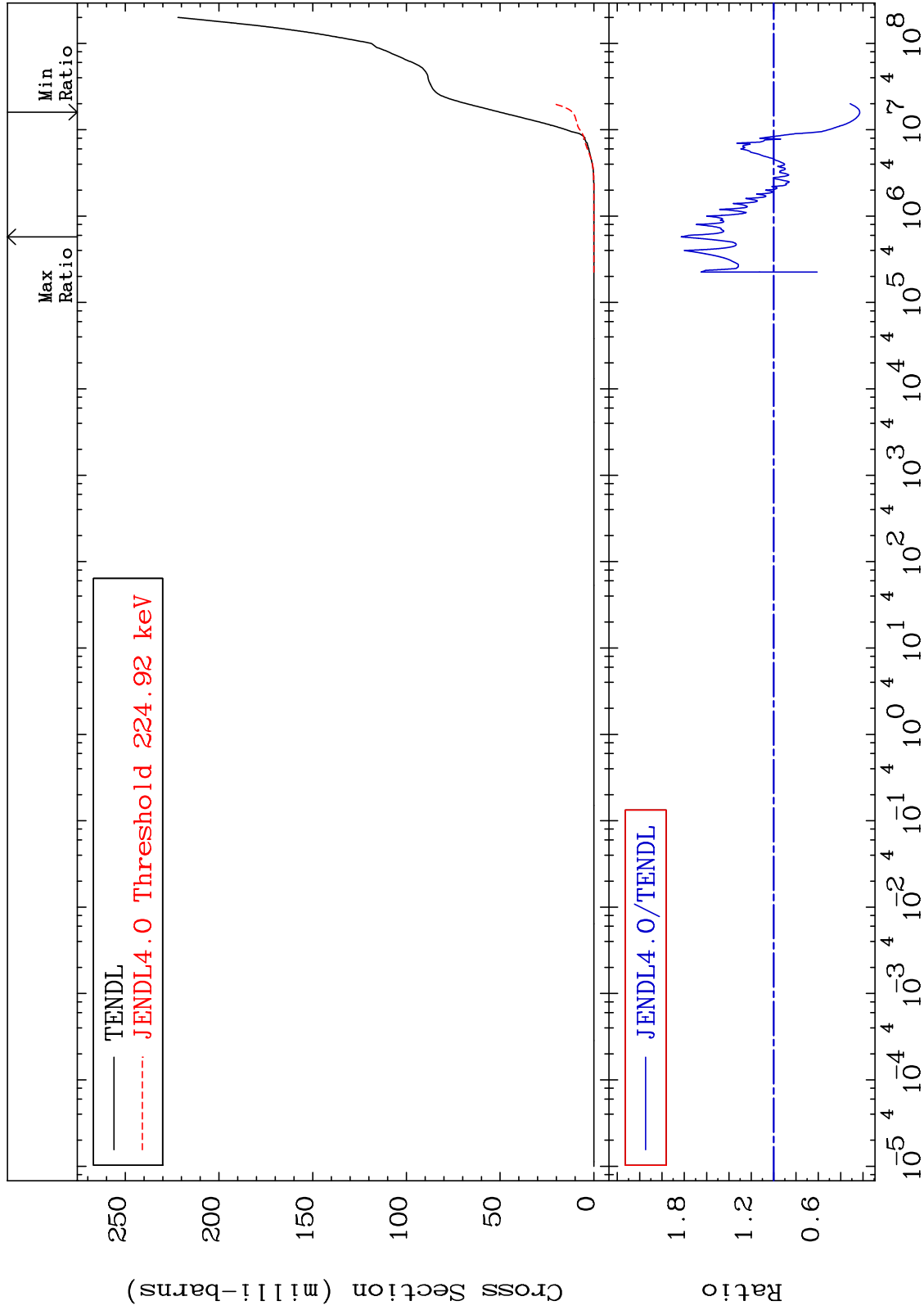
24-Cr-53  
-96.48 To 9999. %



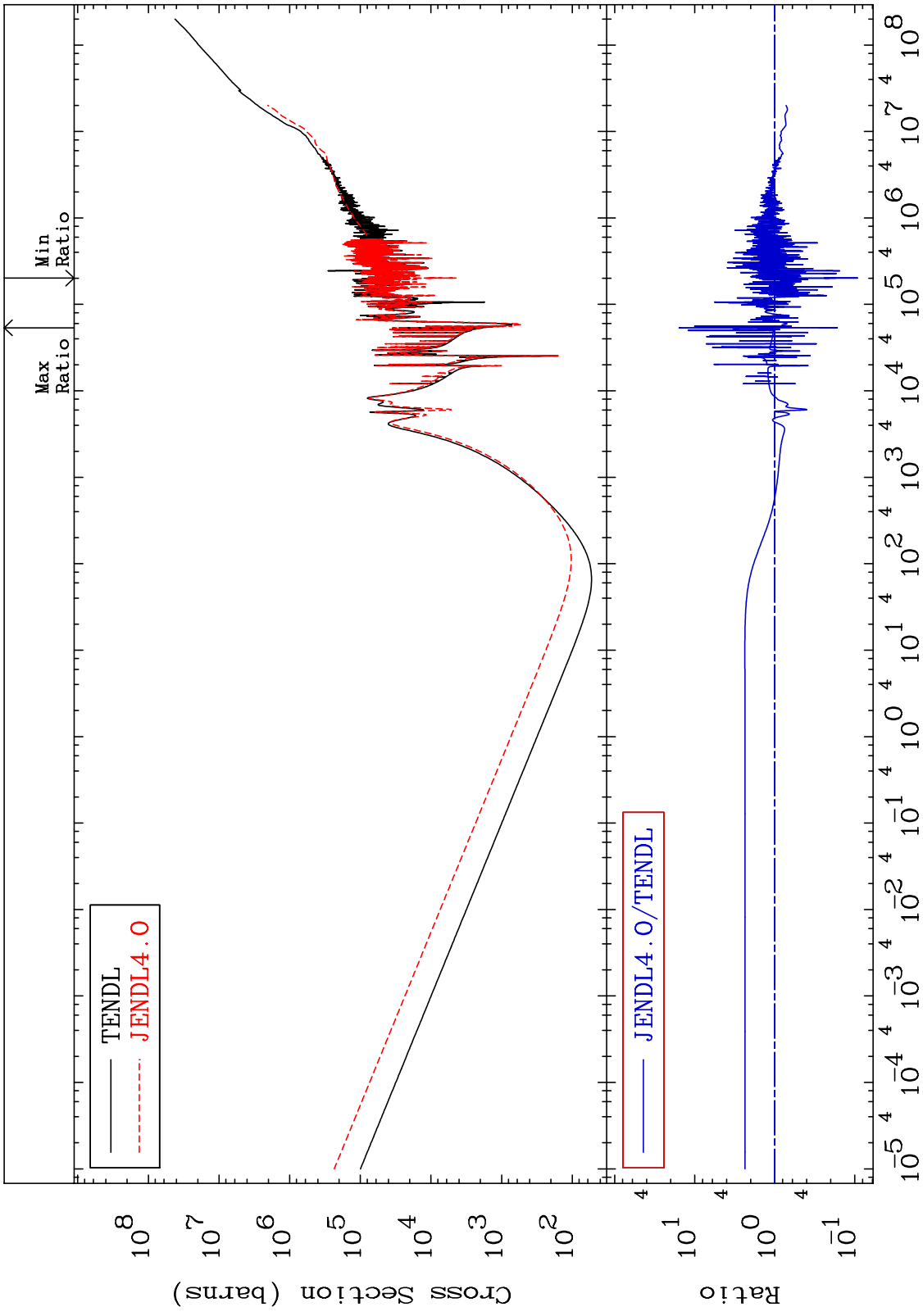
MAT 2434

He-4 Production  
Cross Section

24-Cr-53  
-77.12 To 82.74 %



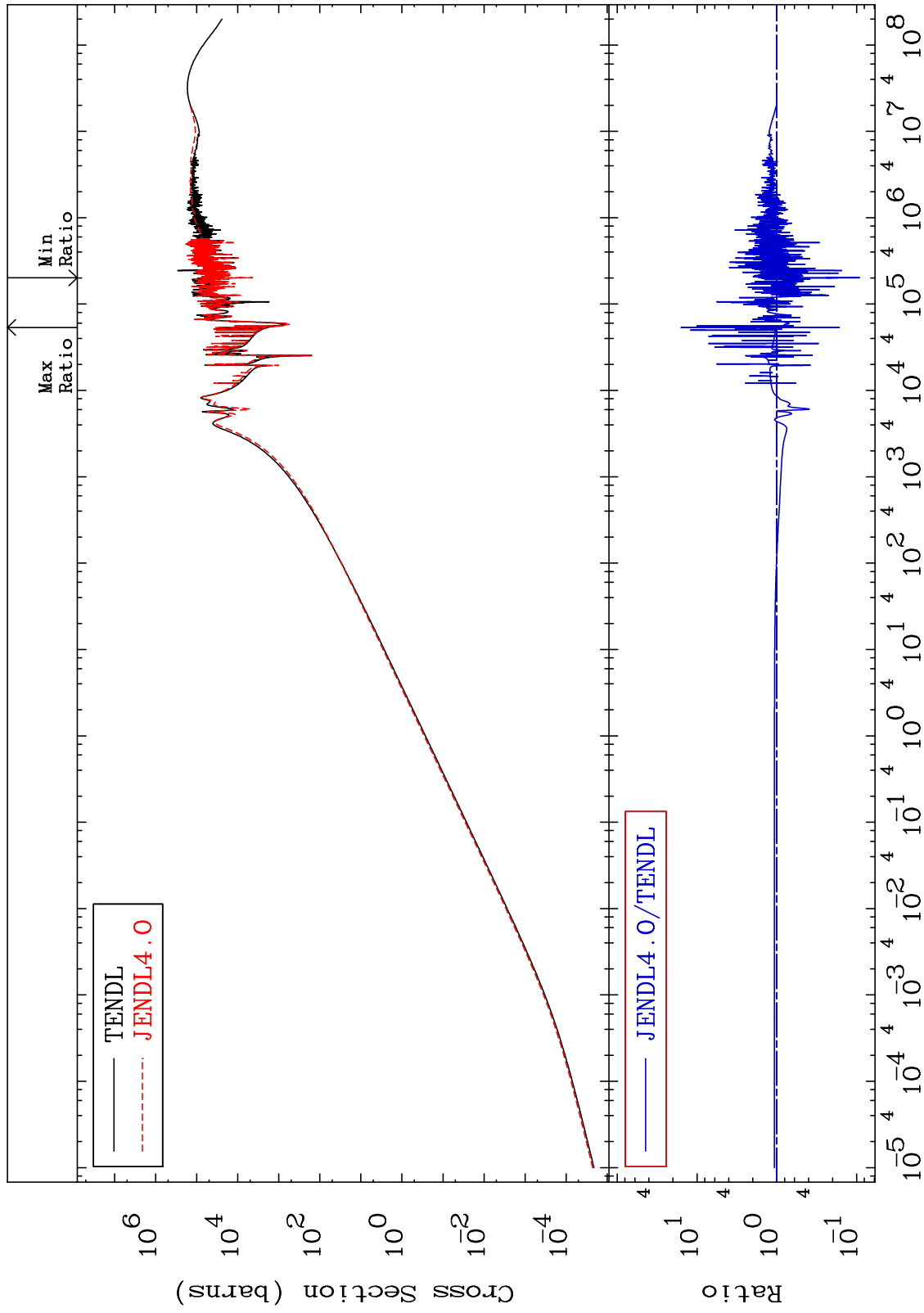
MAT 2434 Kerma total (eV-barns) Cross Section 24-Cr-53  
 -90.85 To 1471. %



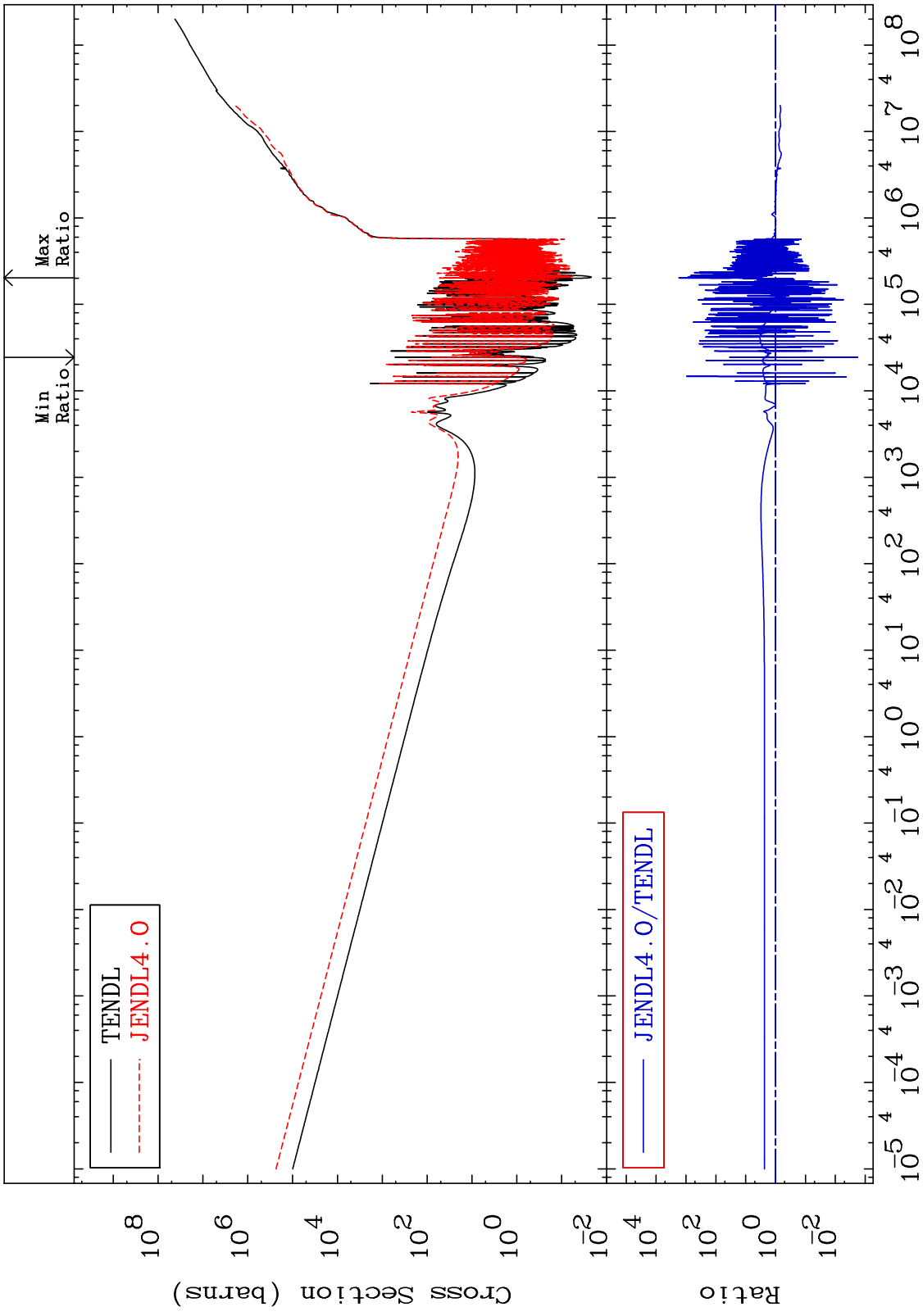
MAT 2434

Kerma elastic  
Cross Section

24-Cr-53  
-90.86 To 1476. %



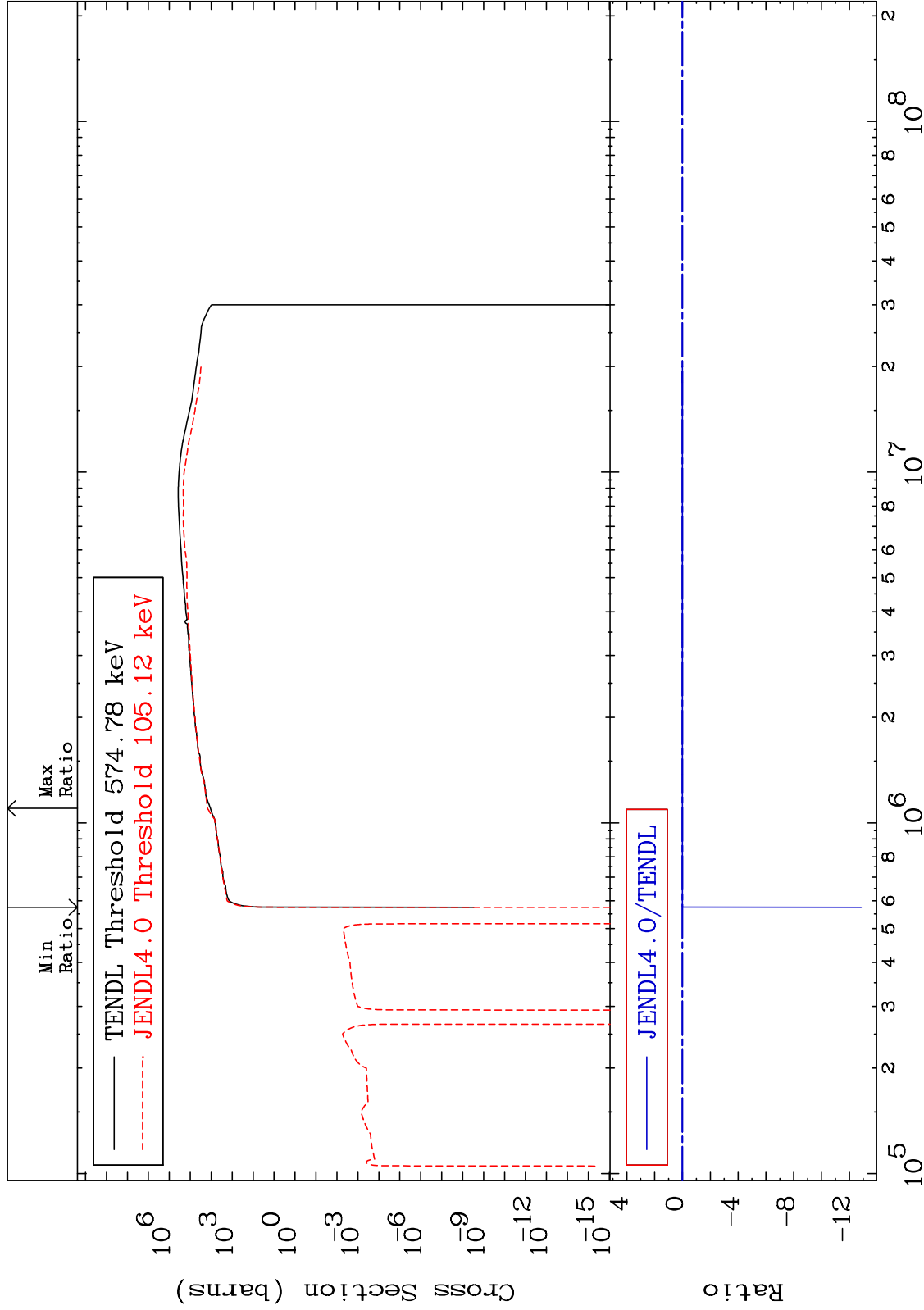
MAT 2434 Kerma non-elastic (all but mt2) 24-Cr-53  
 Cross Section -99.82 To 9999. %



MAT 2434

Kerma inelastic (mt51-91)  
Cross Section

24-Cr-53  
-9999. To 35.81 %



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Incident Energy (eV)

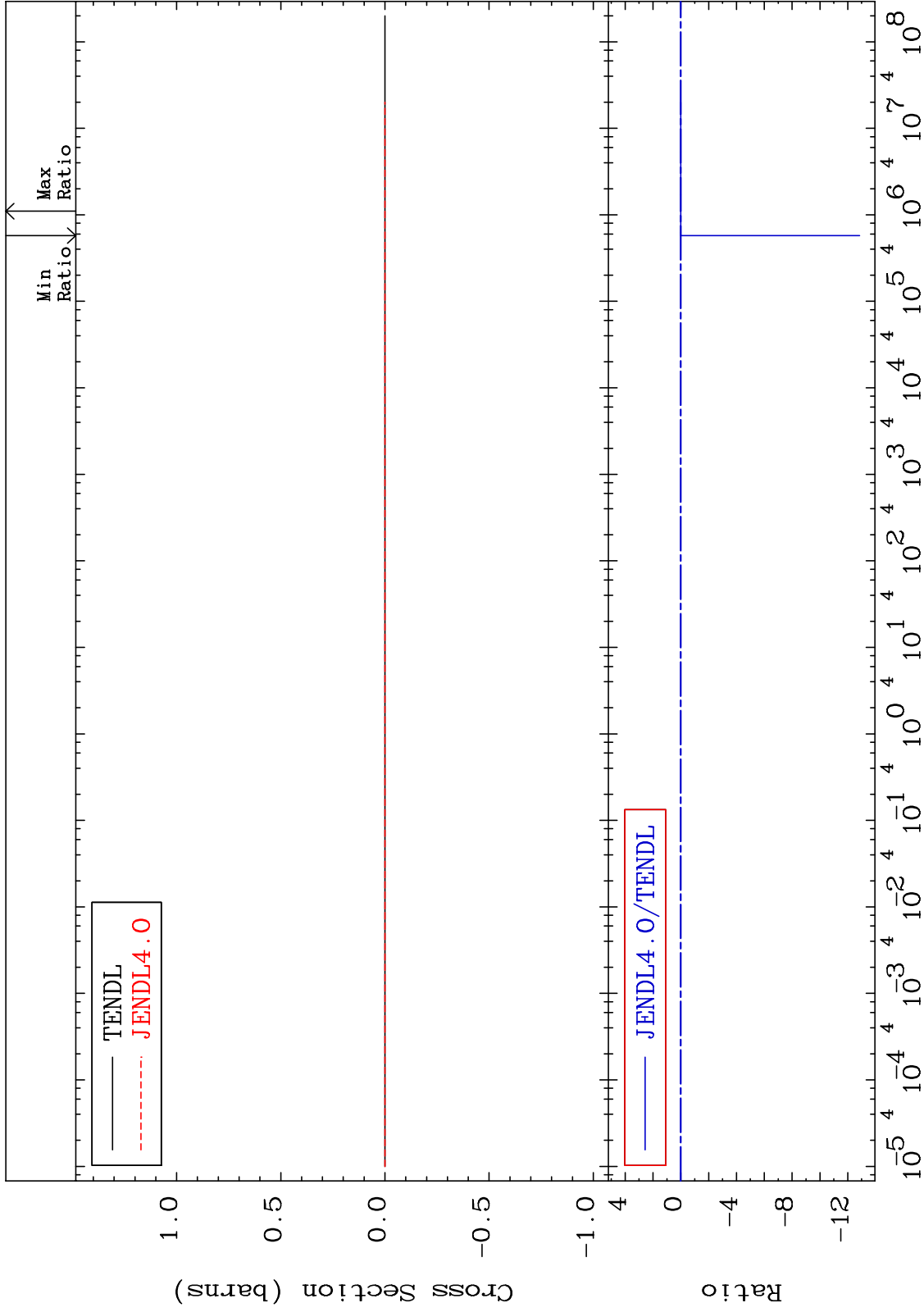
24-Cr-53



MAT 2434

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

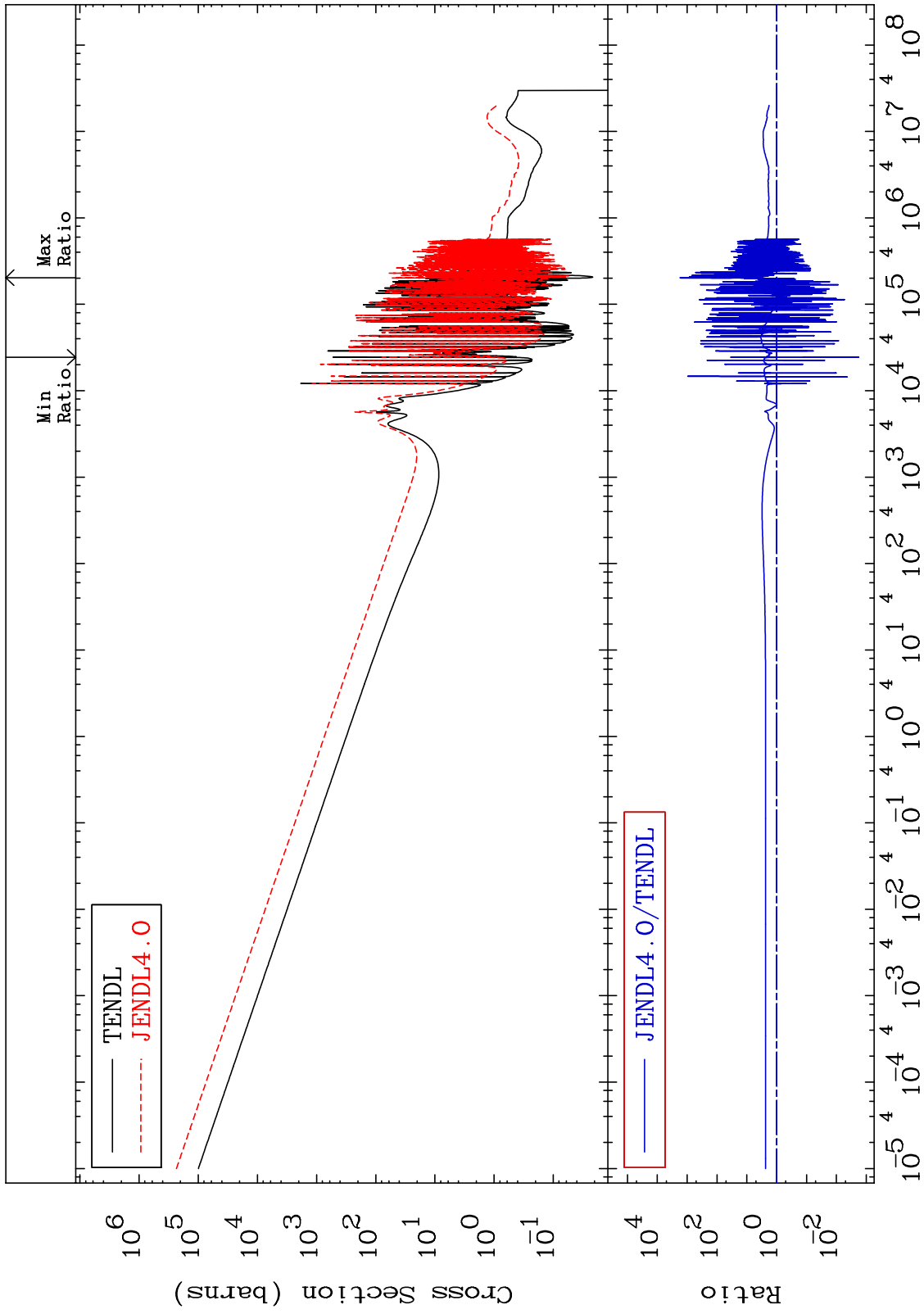
24-Cr-53  
-9999. To 35.81 %



MAT 2434

Kerma capture (mt102)  
Cross Section

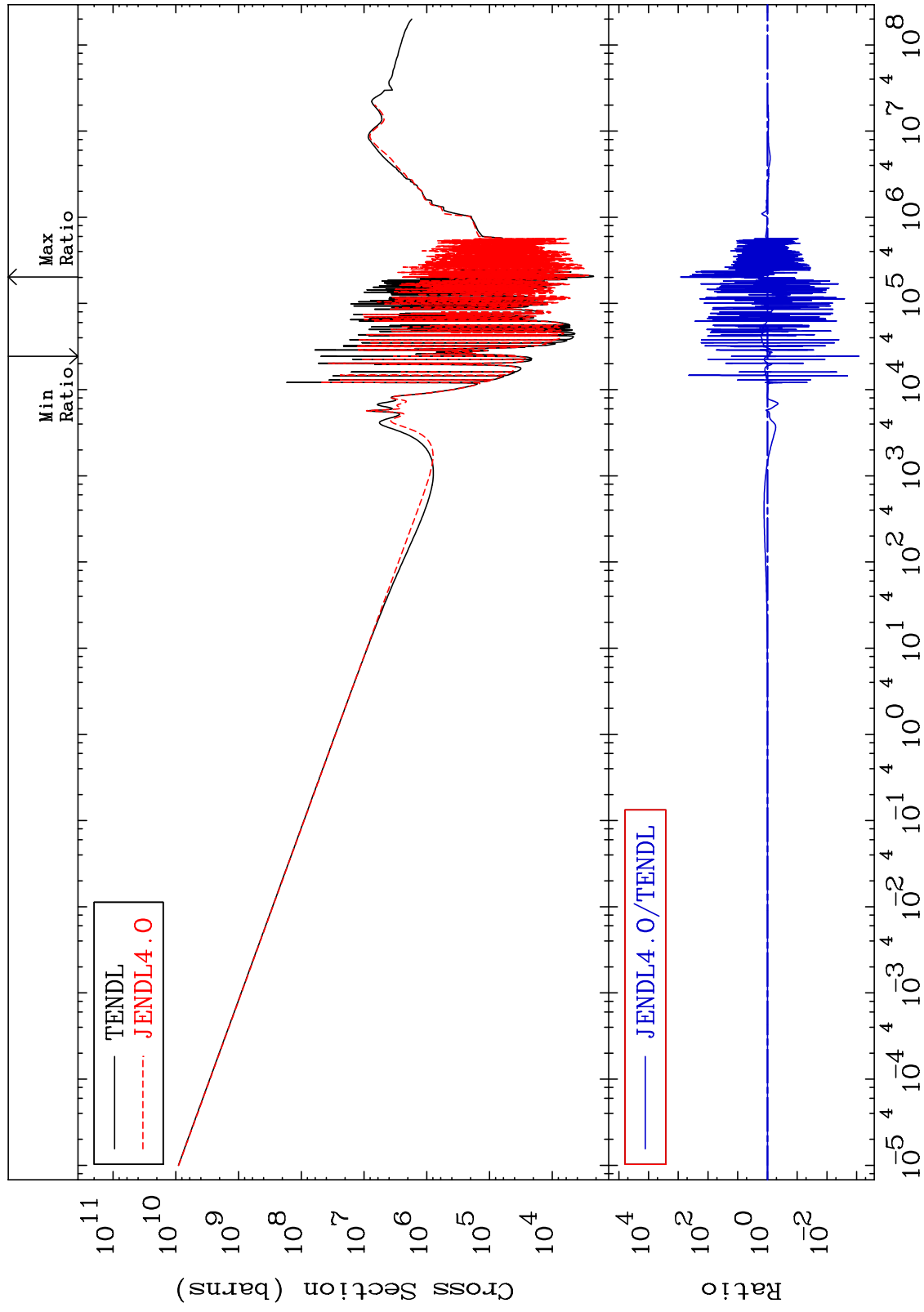
24-Cr-53  
-99.82 To 9999. %



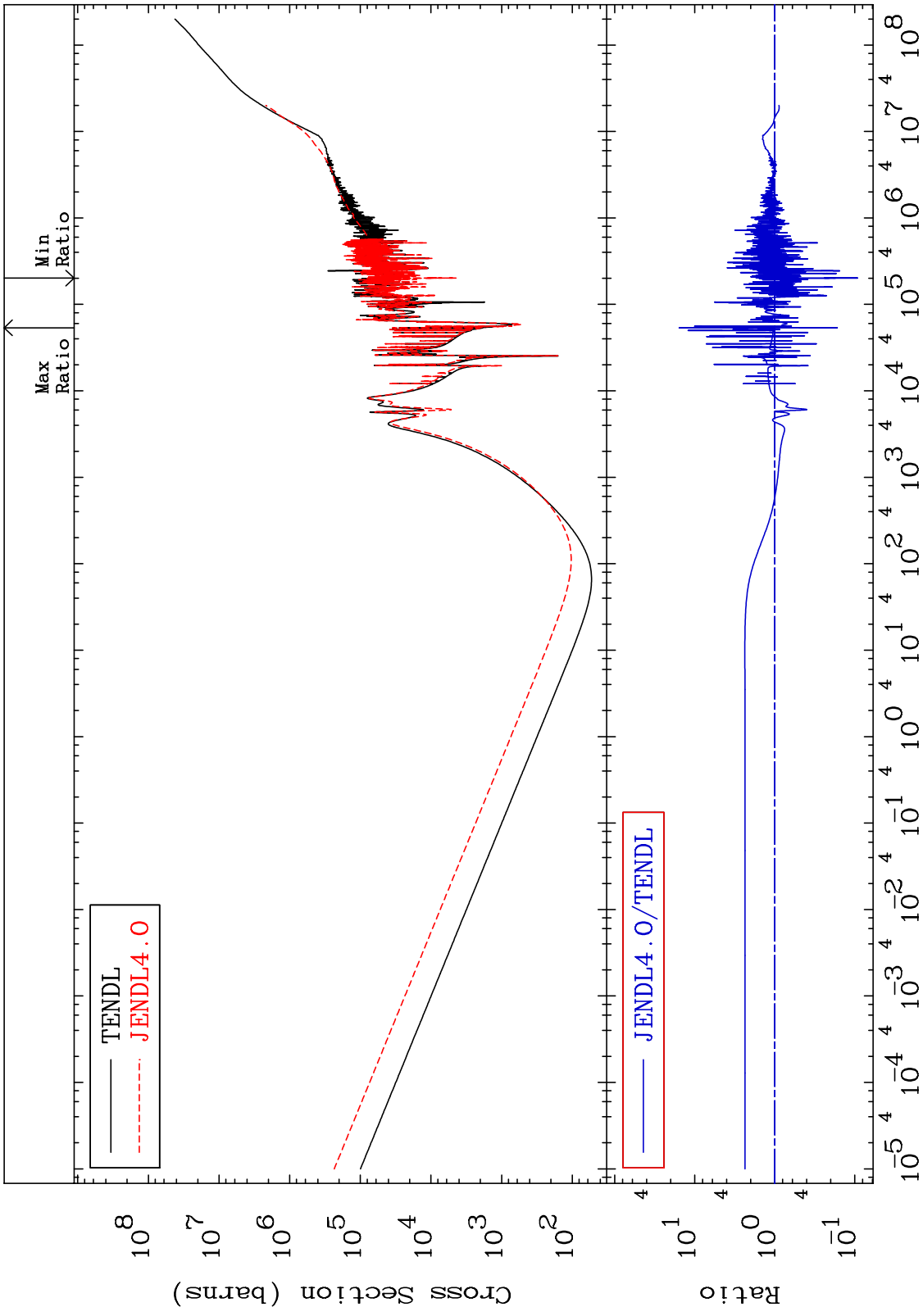
MAT 2434

Total photon (eV-barns)  
Cross Section

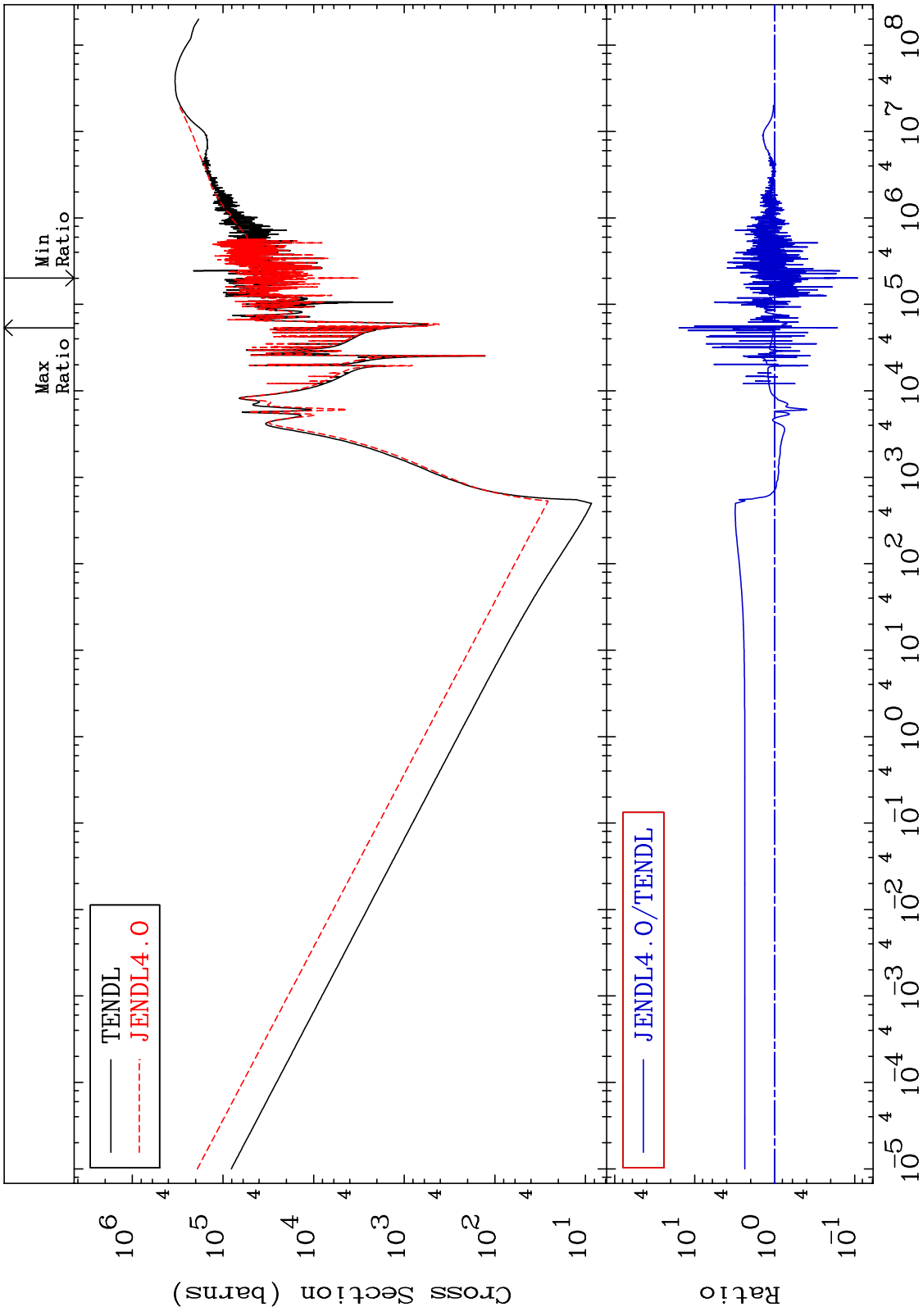
24-Cr-53  
-99.92 To 9999. %



MAT 2434 Total kinematic kerma (high limit) 24-Cr-53  
Cross Section -90.85 To 1471. %



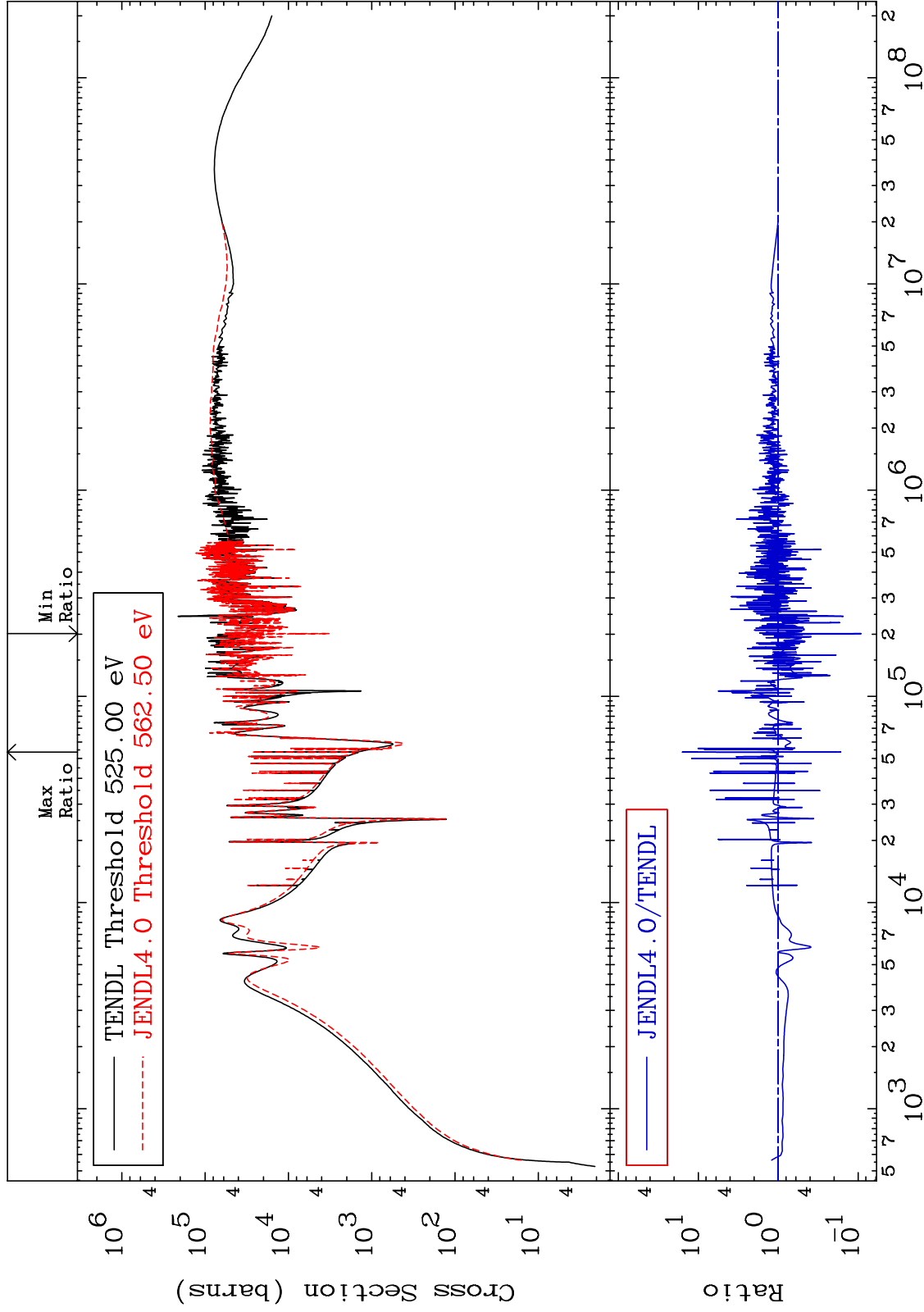
MAT 2434      Dpa total (eV-barns)      24-Cr-53  
 Cross Section      -90.86 To 1470. %



MAT 2434

Dpa elastic (mt2)  
Cross Section

24-Cr-53  
-90.86 To 1476. %



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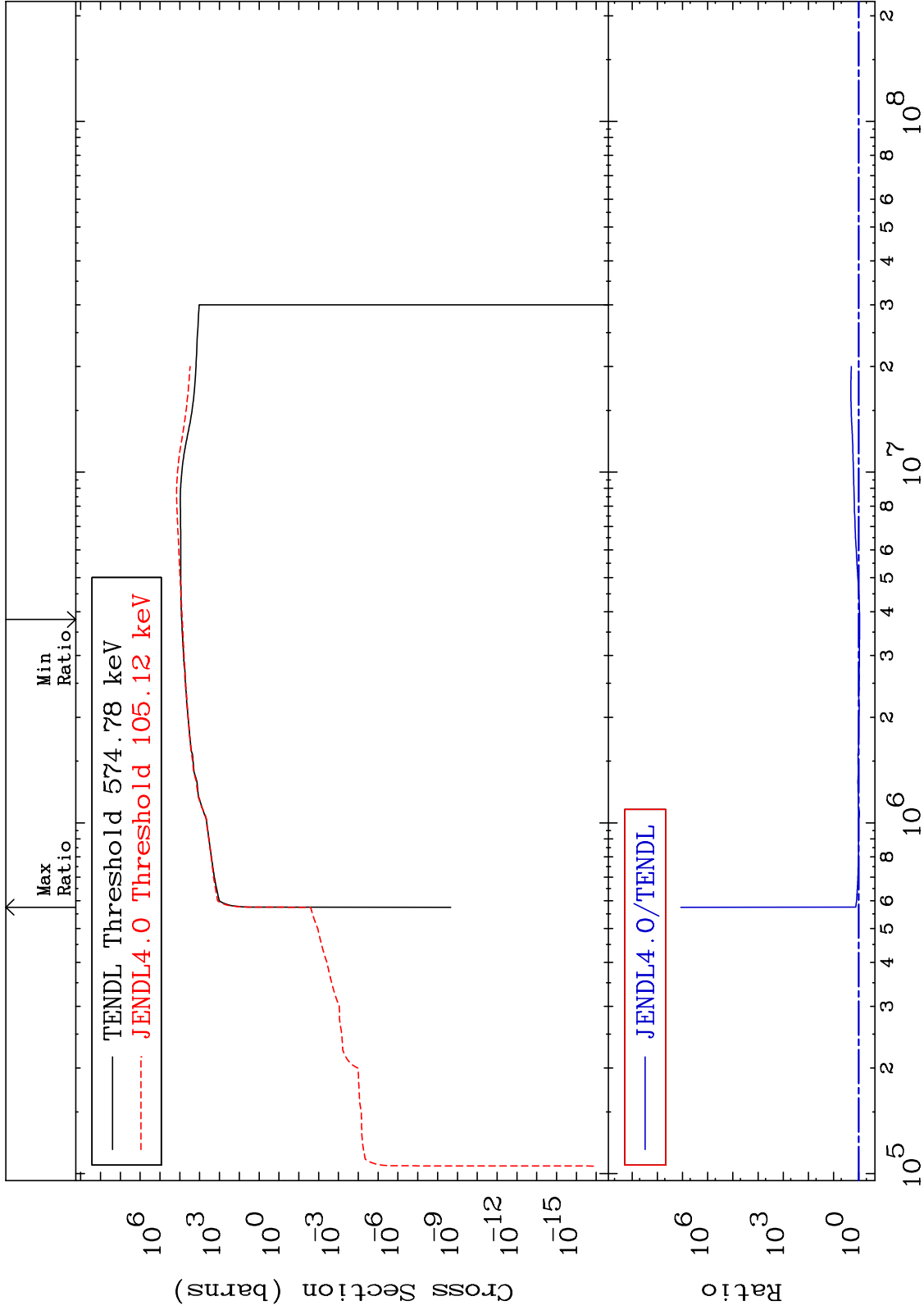
Incident Energy (eV)

24-Cr-53

MAT 2434

Dpa inelastic (mt51-91)  
Cross Section

24-Cr-53  
-7.608 To 9999. %



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Incident Energy (eV)

24-Cr-53

MAT 2434

Dpa disappearance (mt102 -120)  
Cross Section

24-Cr-53  
-99.82 To 9999. %

