

Program Complot  
(Version 2018-1)

by

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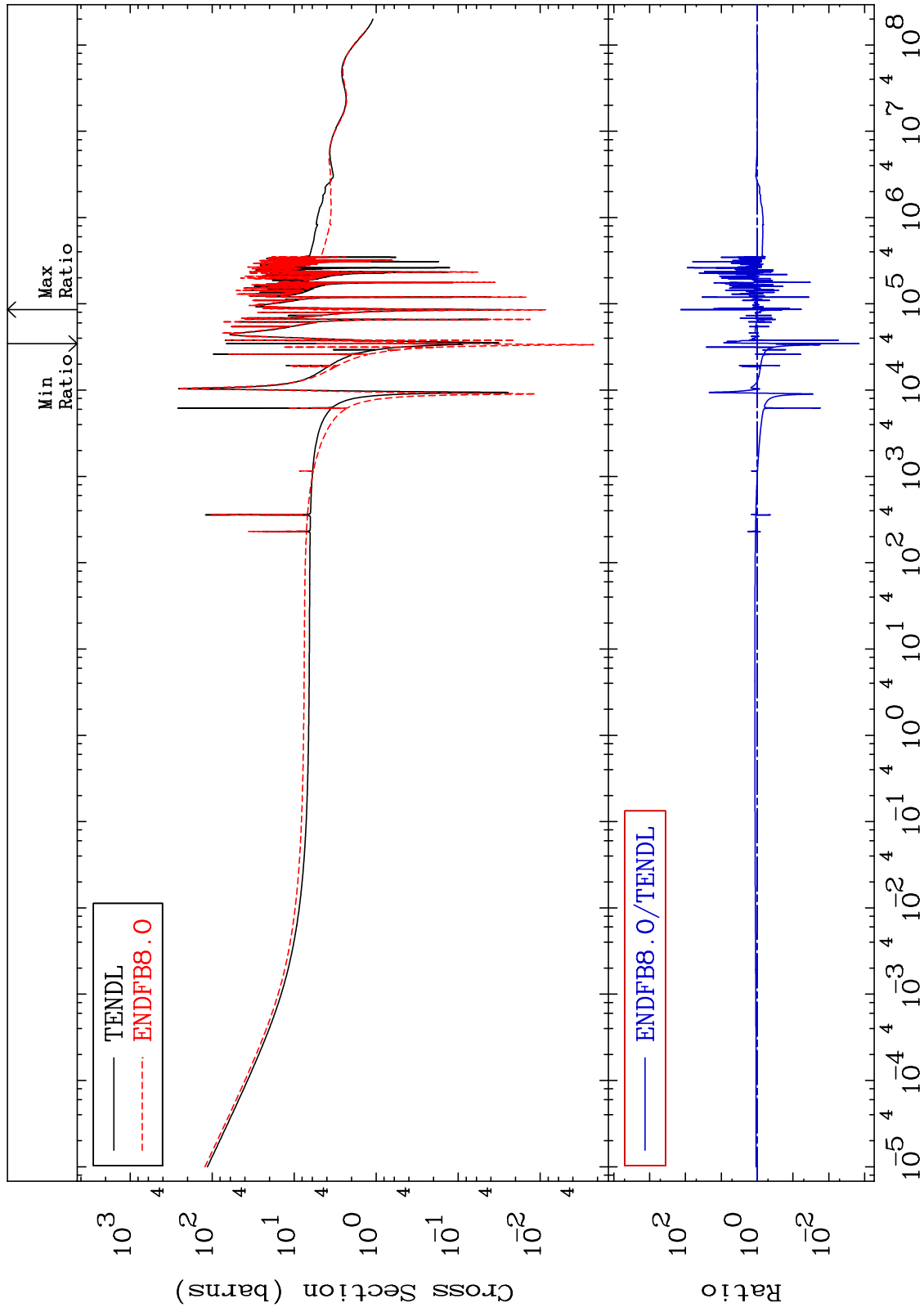
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2637

Total  
Cross Section

26-Fe-58  
-99.86 To 9999. %



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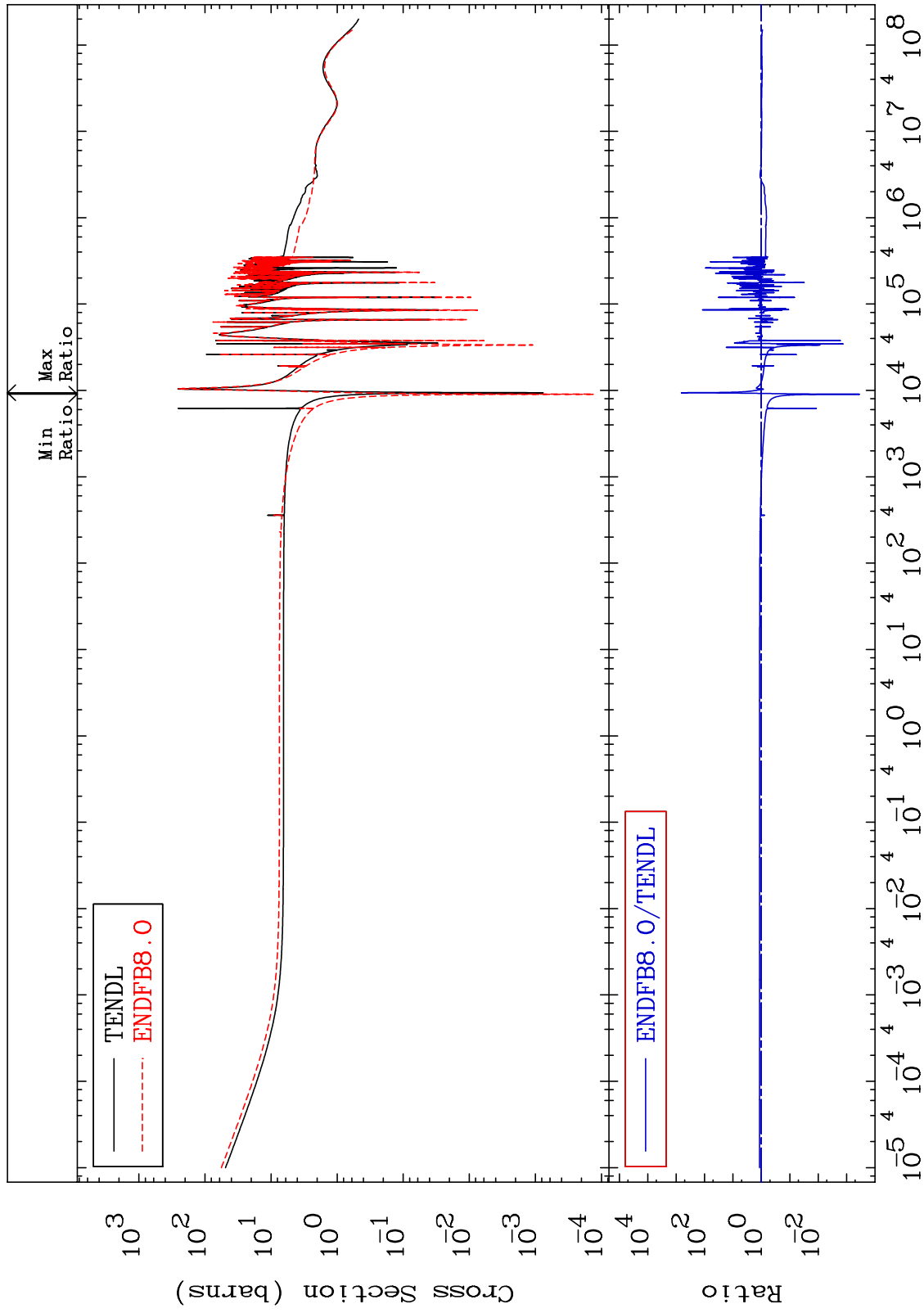
Incident Energy (eV)

26-Fe-58

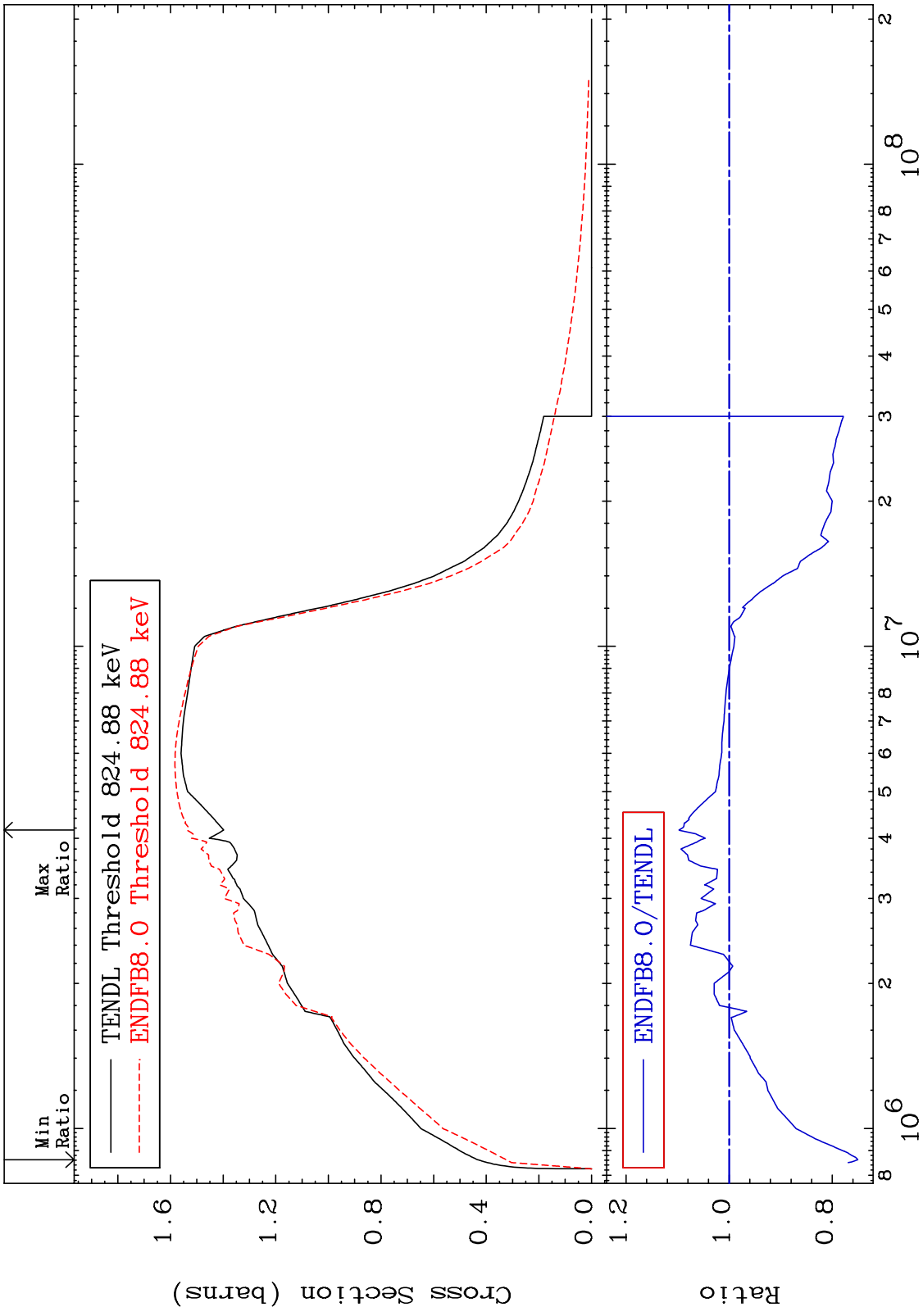
MAT 2637

Elastic  
Cross Section

26-Fe-58  
-99.97 To 9999. %



MAT 2637 Inelastic Cross Section 26-Fe-58 -24.96 To 9.725 %

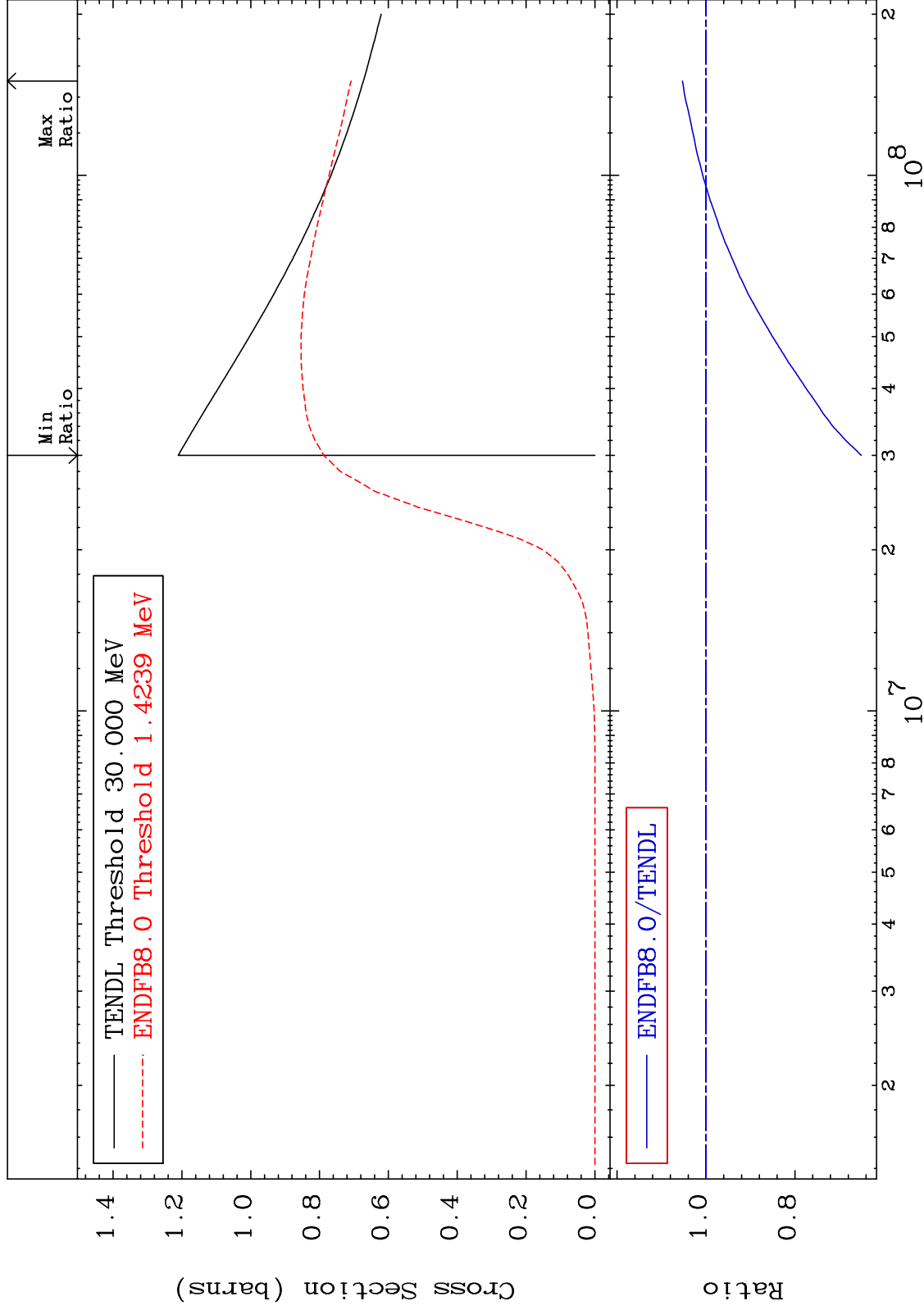


3 Incident Energy (eV) 26-Fe-58

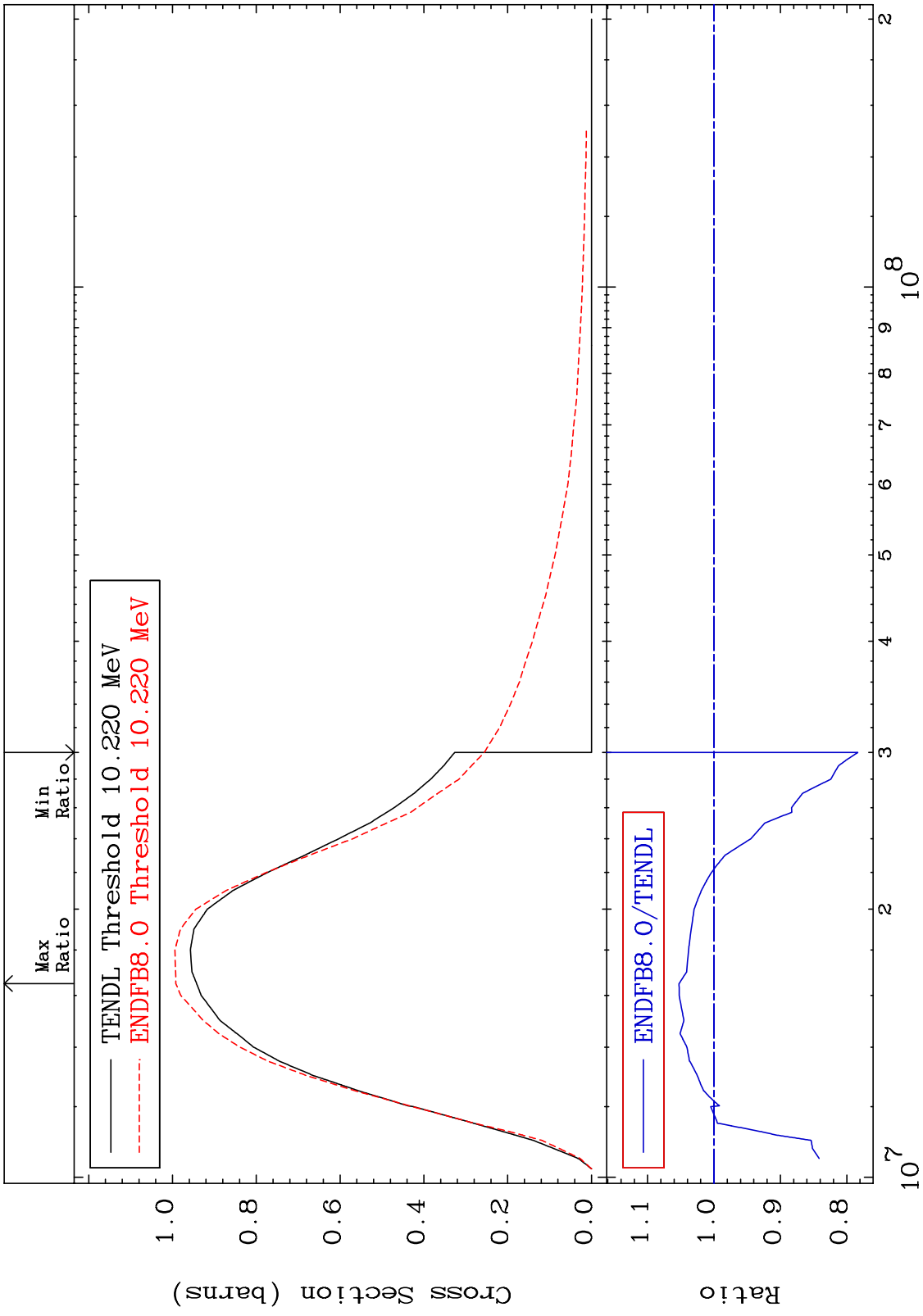
MAT 2637

(n, remainder)  
Cross Section

26-Fe-58  
-34.92 To 5.300 %

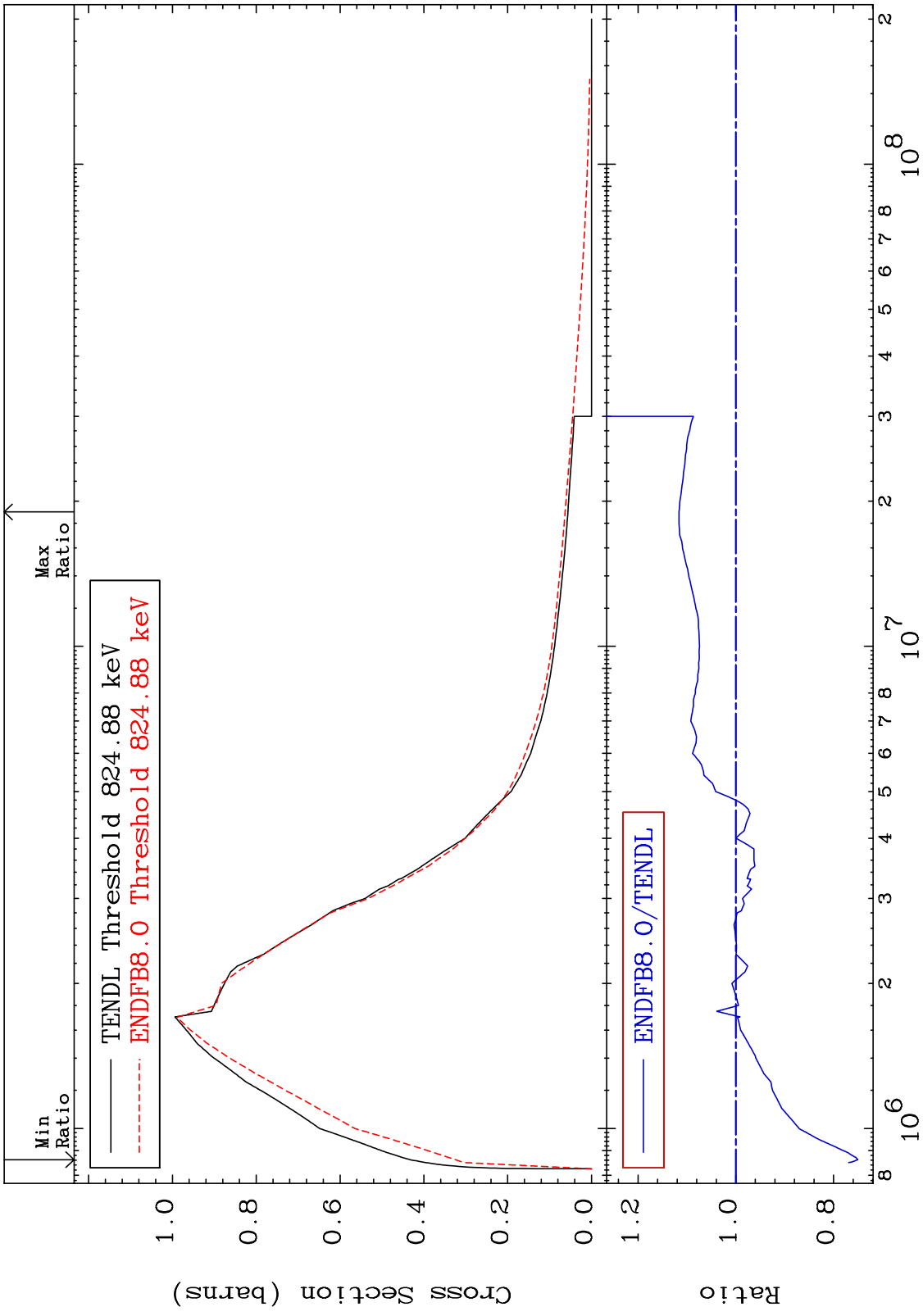


MAT 2637 (n,2n) Cross Section 26-Fe-58 -21.67 To 5.258 %



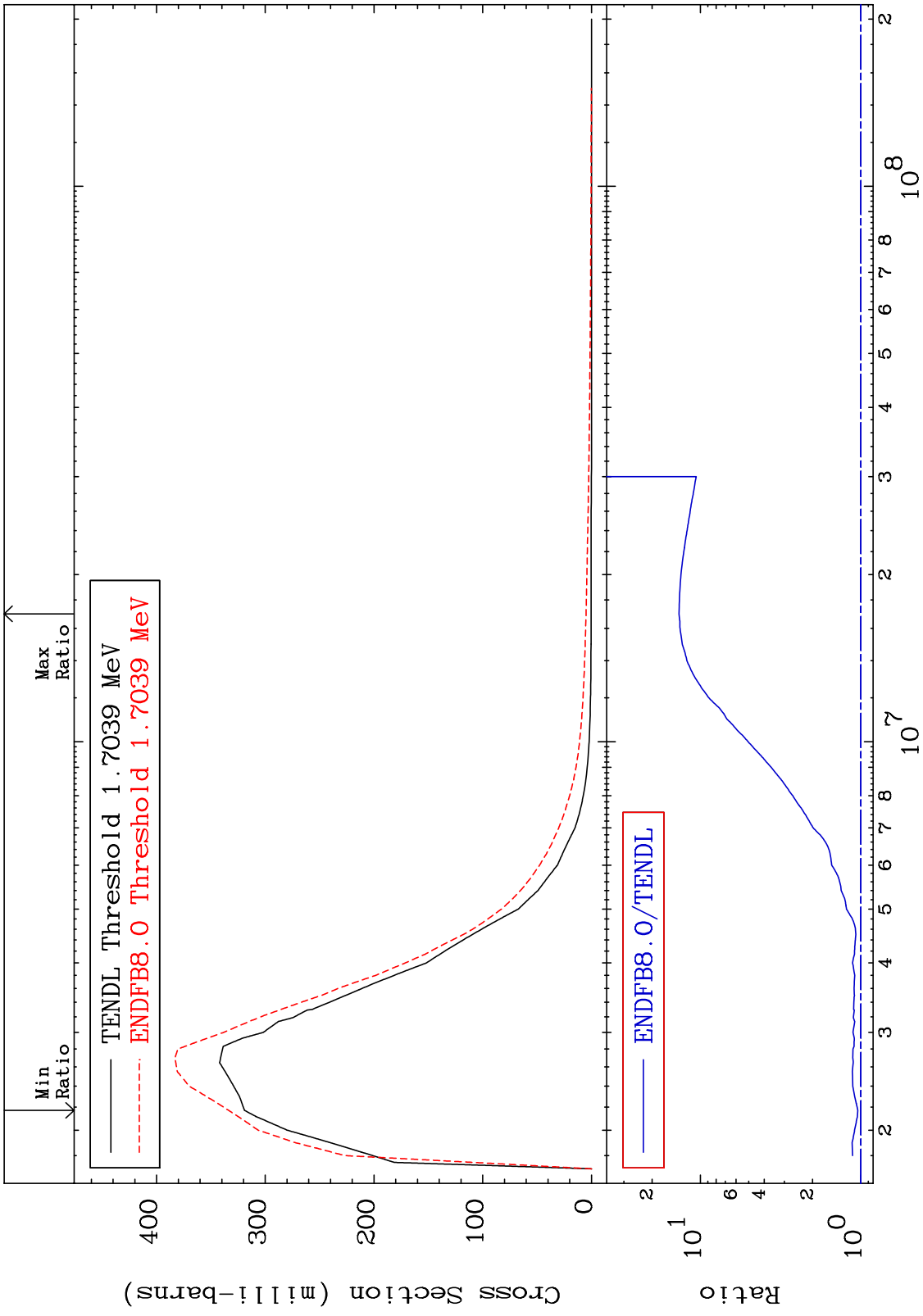
26-Fe-58

MAT 2637 MT= 51 (n,n') Level Cross Section -24.96 To 11.61 % 26-Fe-58



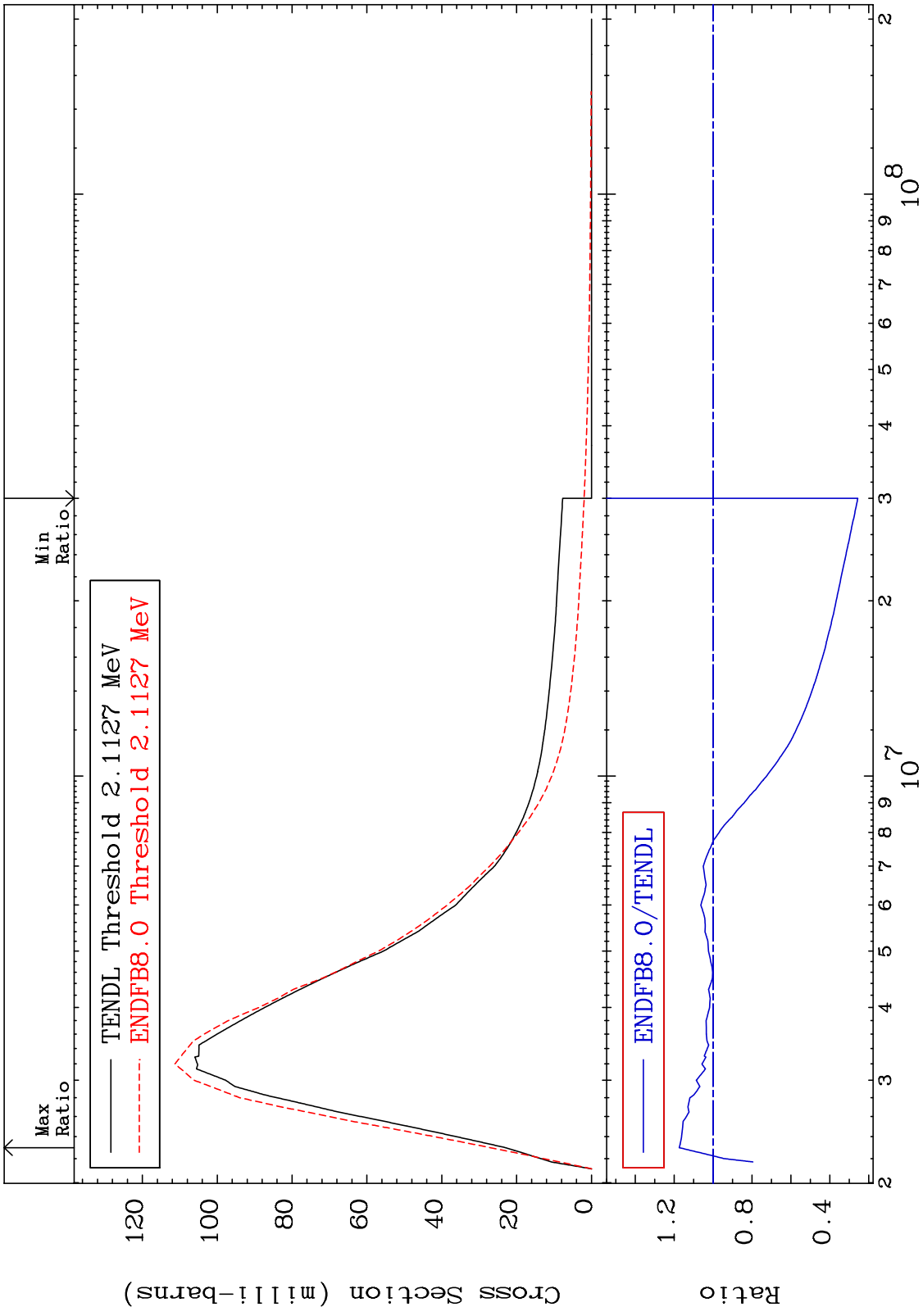
6 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 52 (n,n') Level Cross Section 26-Fe-58 To 1260. %

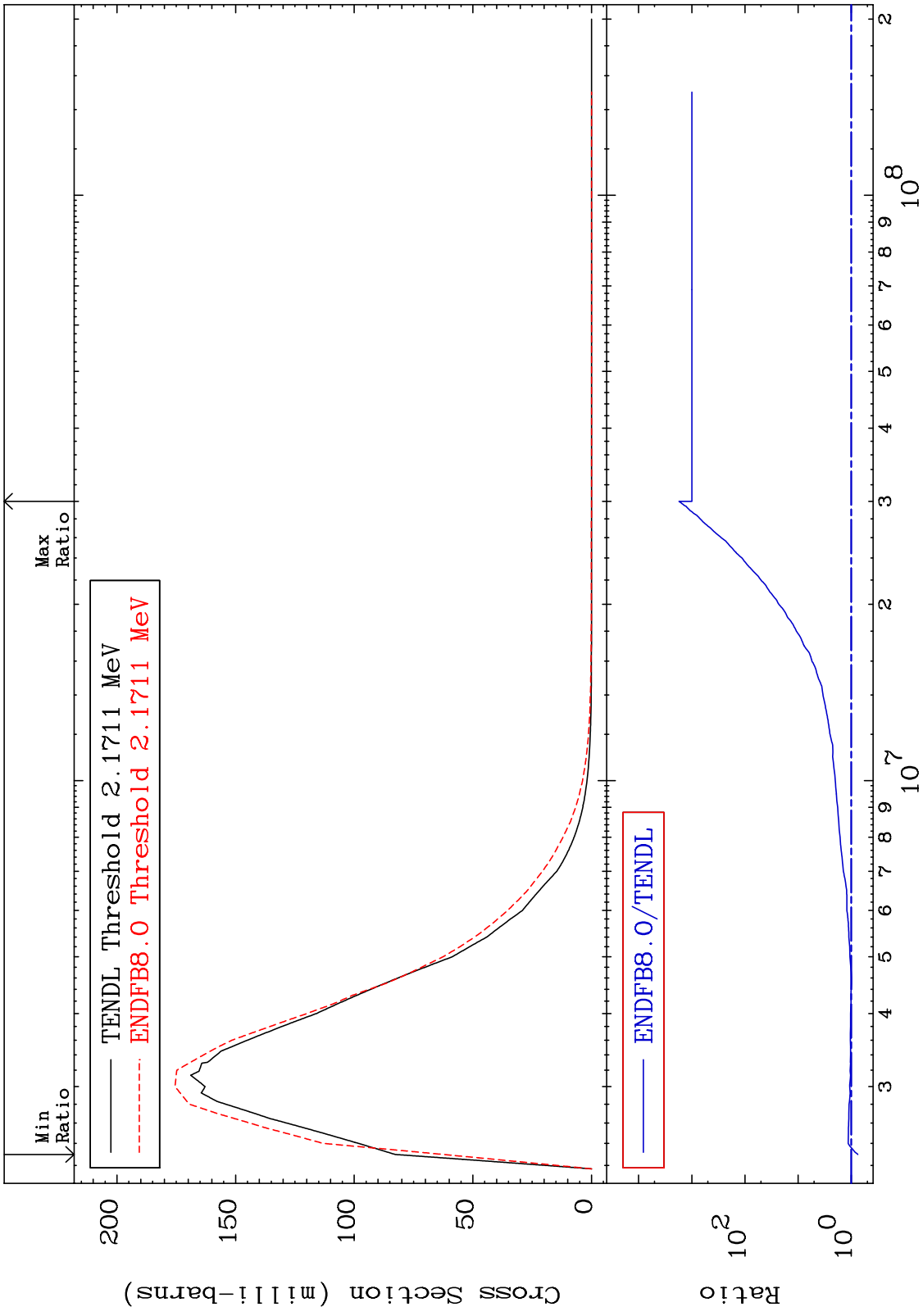




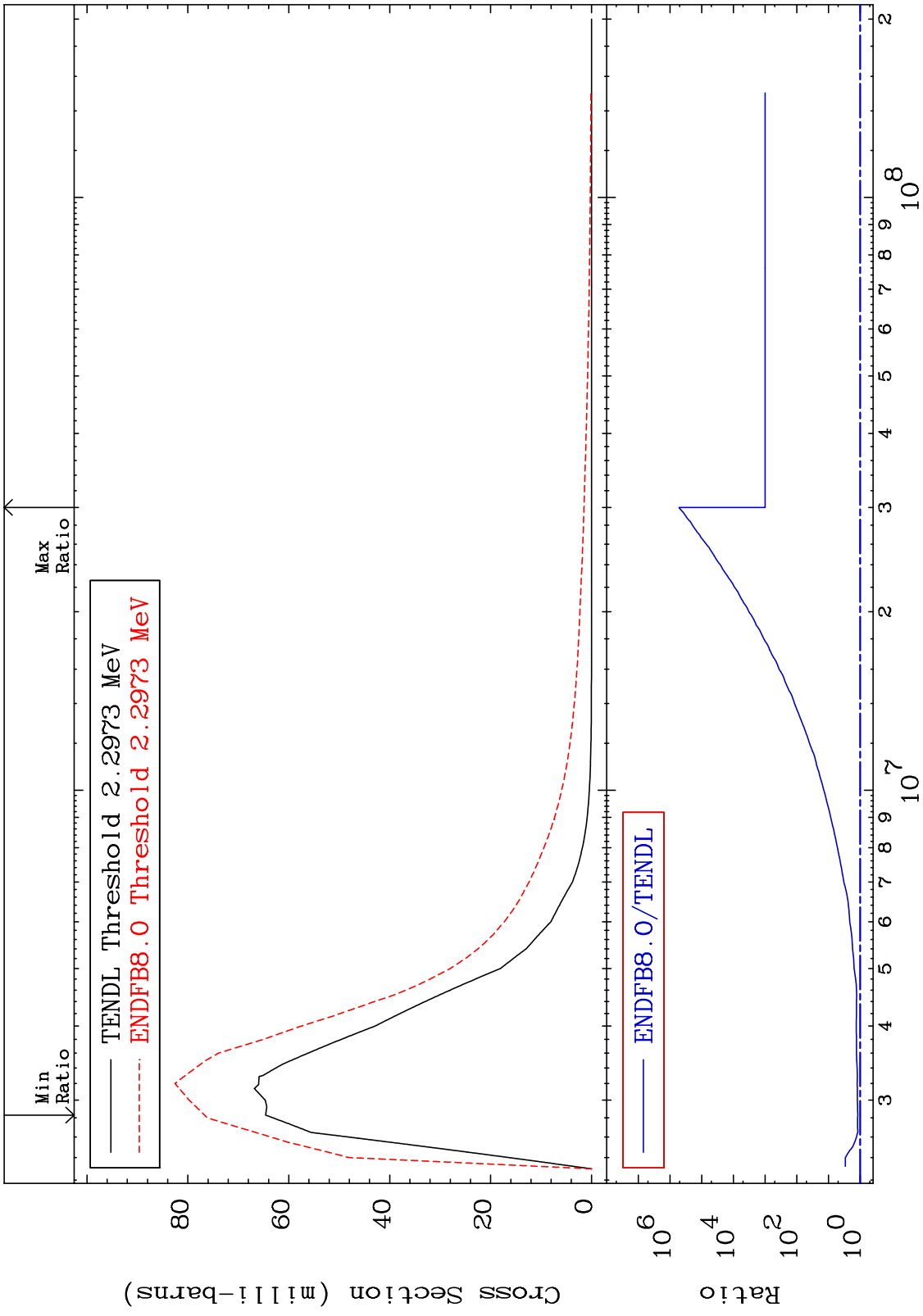
MAT 2637 MT= 53 (n,n') Level Cross Section -74.40 To 17.50 % 26-Fe-58



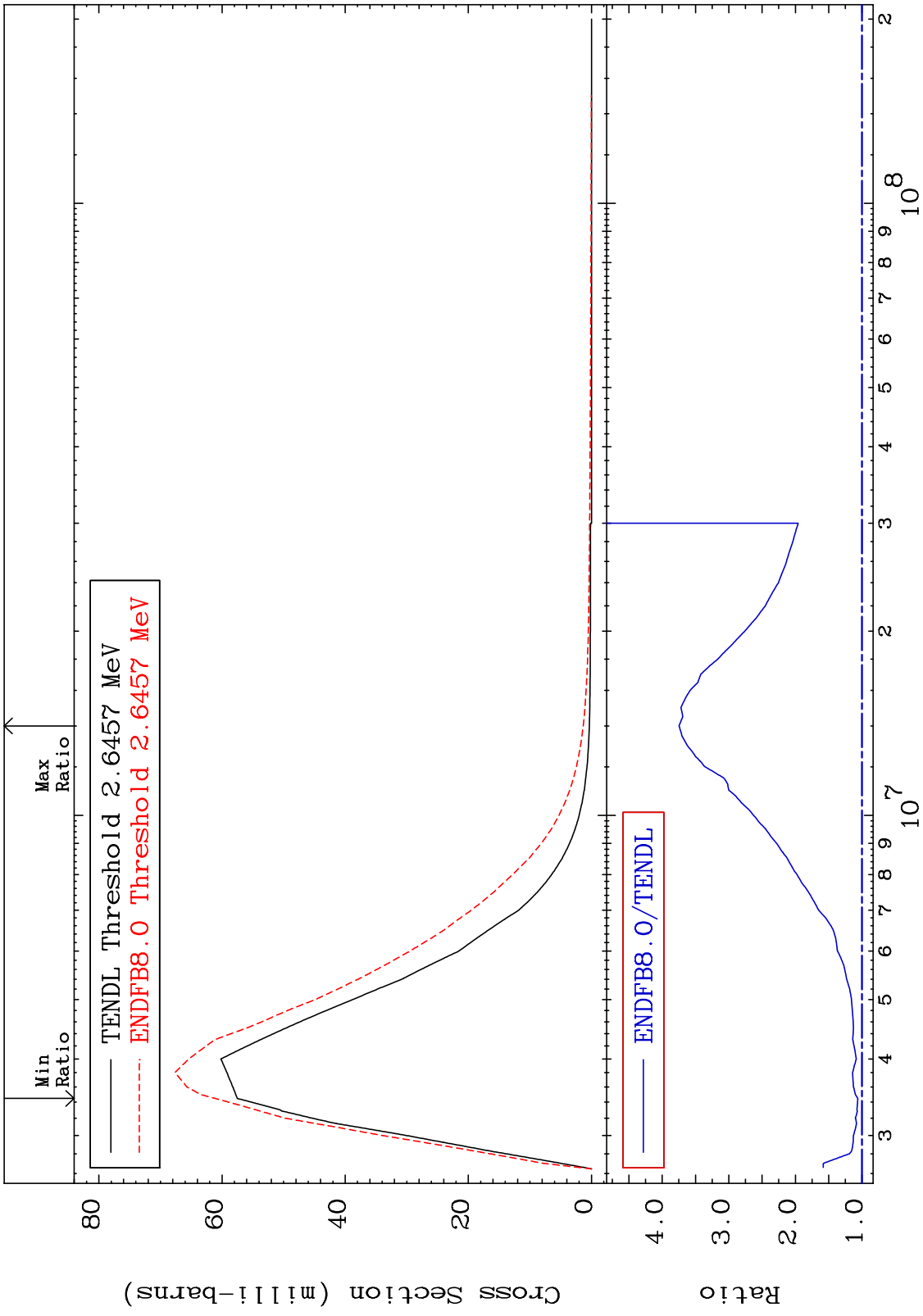
MAT 2637      MT= 54 (n,n') Level Cross Section      26-Fe-58  
 -24.52 To 9999. %



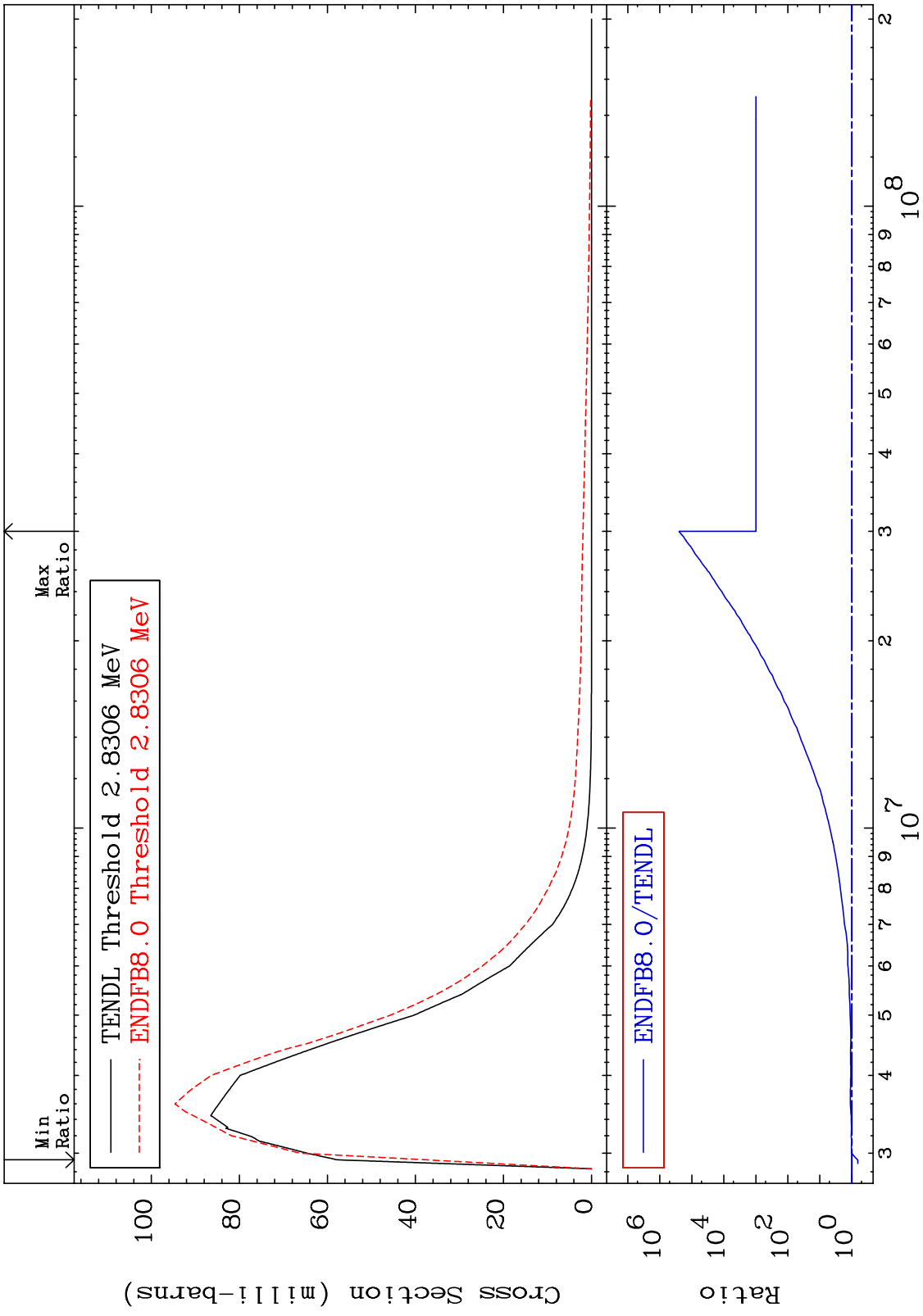
MAT 2637      MT= 55 (n,n') Level Cross Section      26-Fe-58  
 18.75 To 9999. %



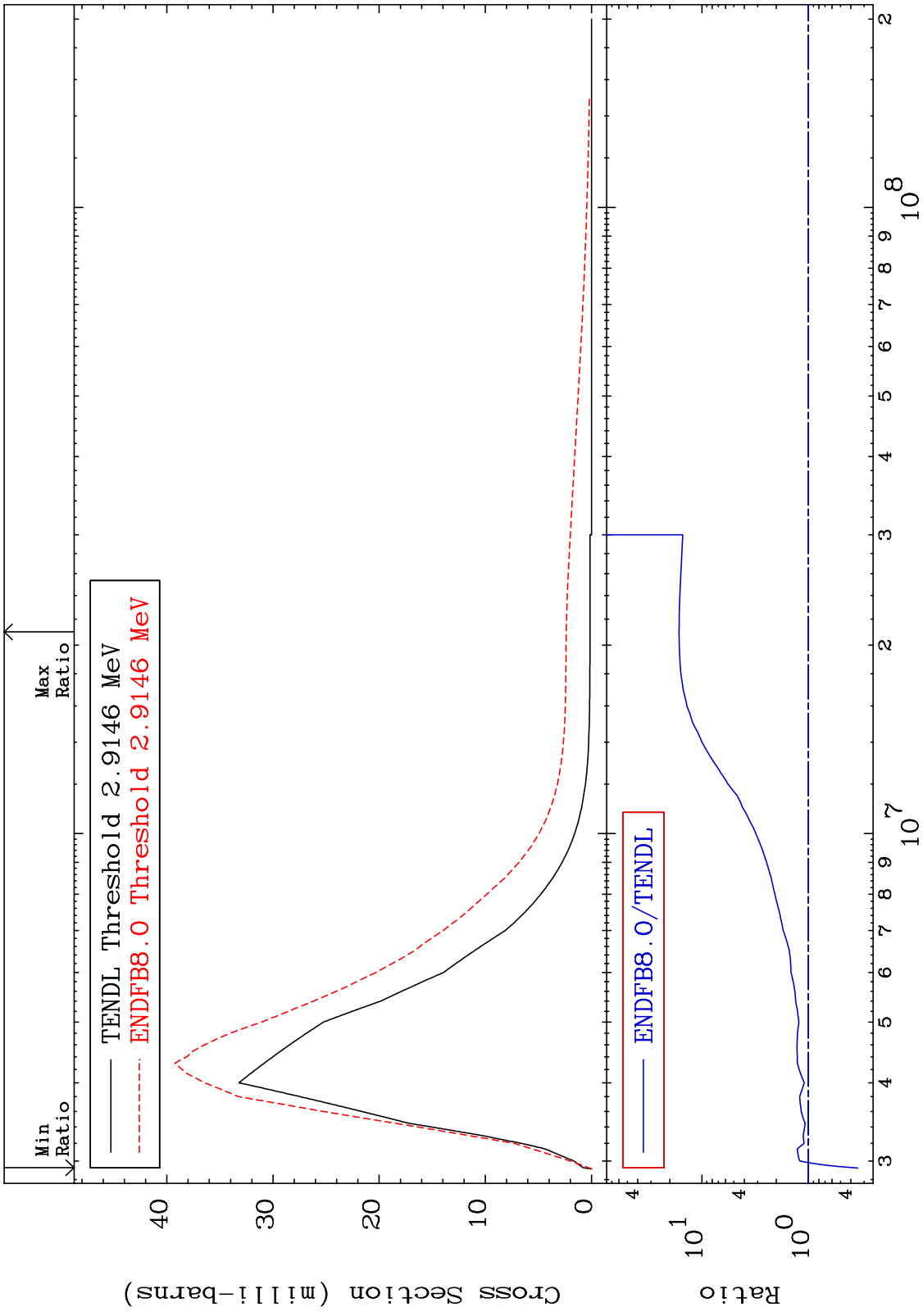
MAT 2637 MT= 56 (n,n') Level Cross Section 26-Fe-58 6.258 To 274.7 %



MAT 2637 MT= 57 (n,n') Level Cross Section -35.00 To 9999. % 26-Fe-58



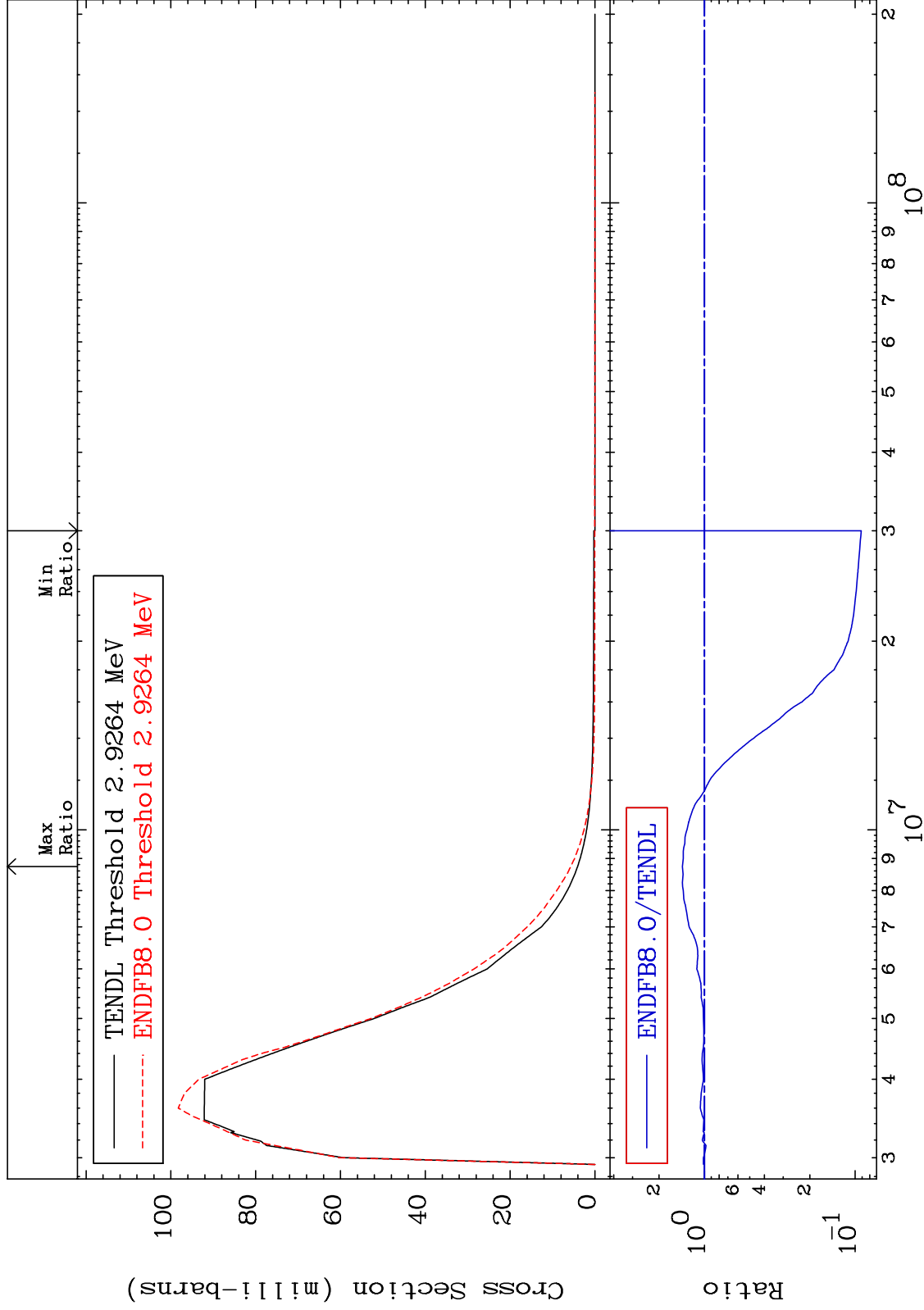
MAT 2637      MT= 58 (n,n') Level Cross Section      26-Fe-58  
 -65.60 To 1537. %



MAT 2637

MT= 59 (n,n') Level  
Cross Section

26-Fe-58  
-90.89 To 39.89 %

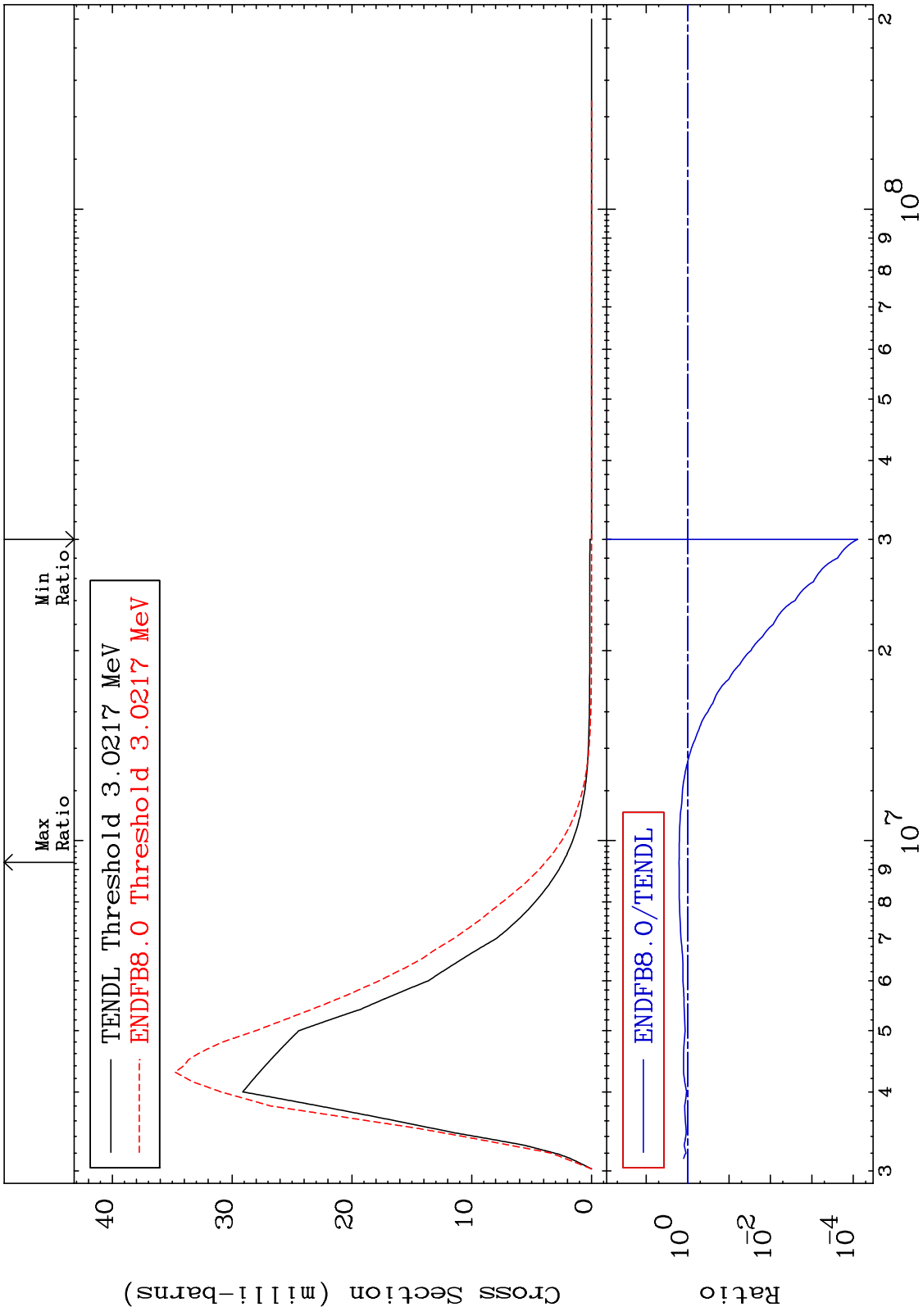


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Incident Energy (eV)

26-Fe-58

MAT 2637 MT= 60 (n,n') Level Cross Section -99.99 To 61.13 % 26-Fe-58



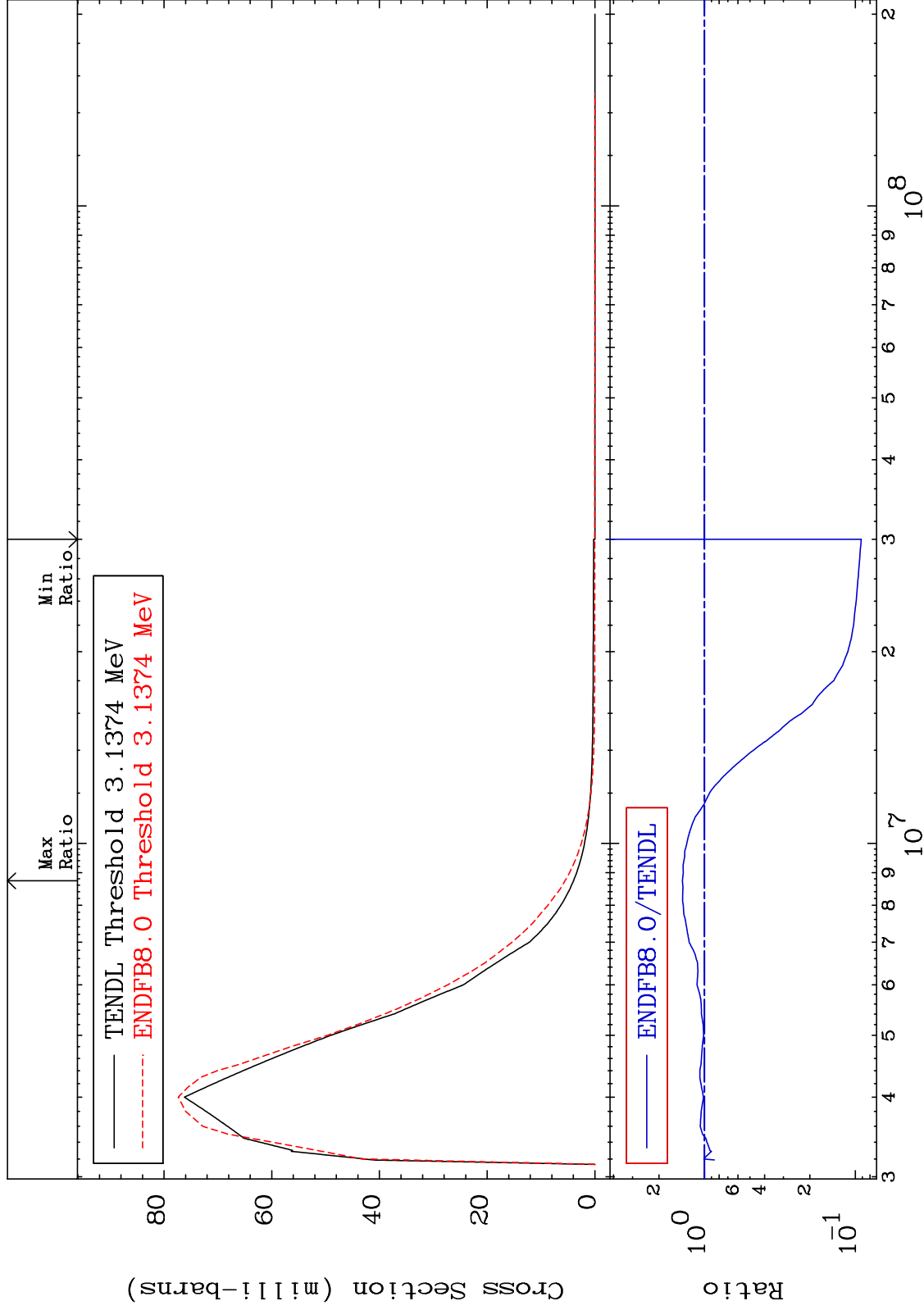
15 26-Fe-58 Incident Energy (eV)



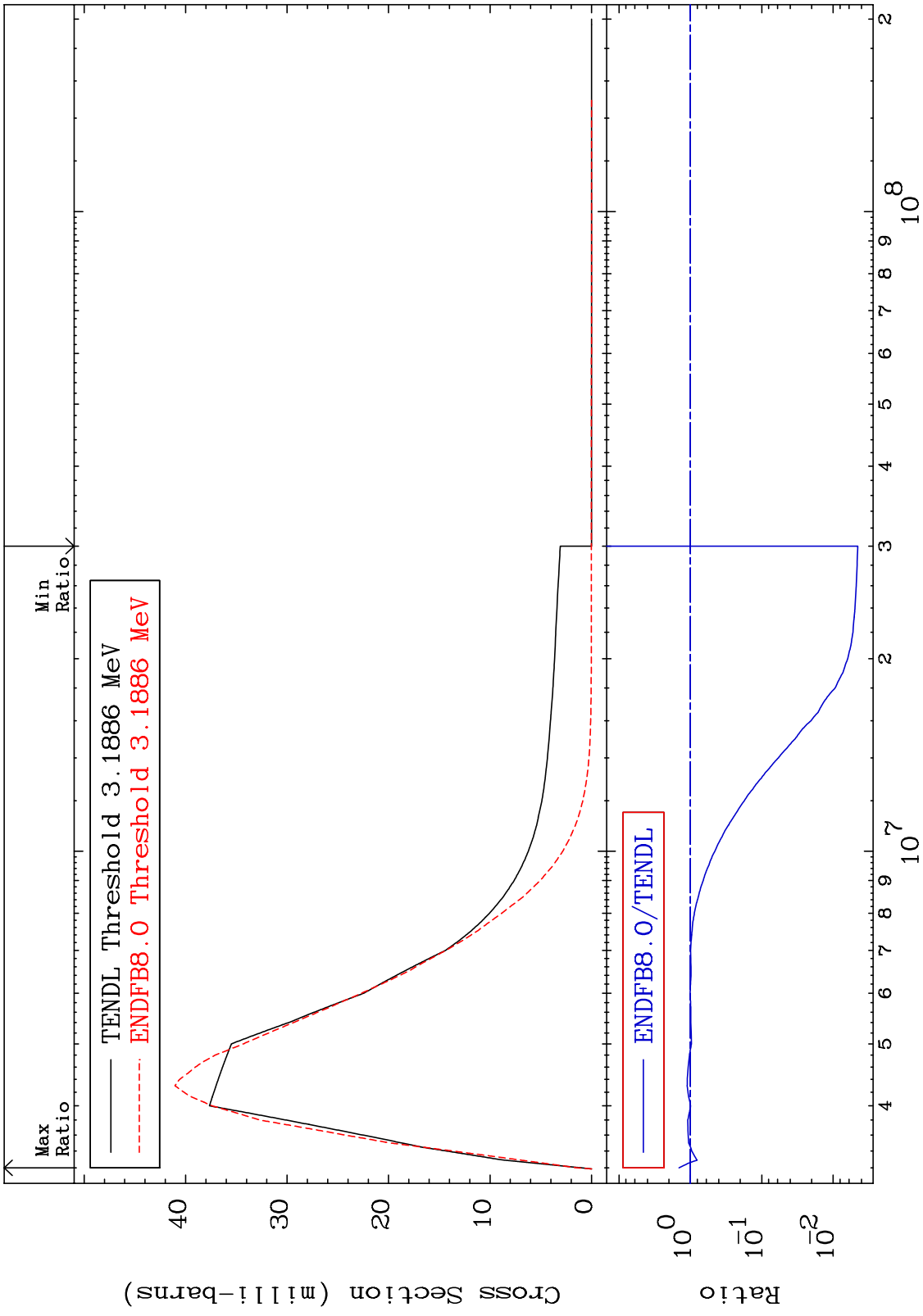
MAT 2637

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

26-Fe-58  
-90.86 To 39.89 %



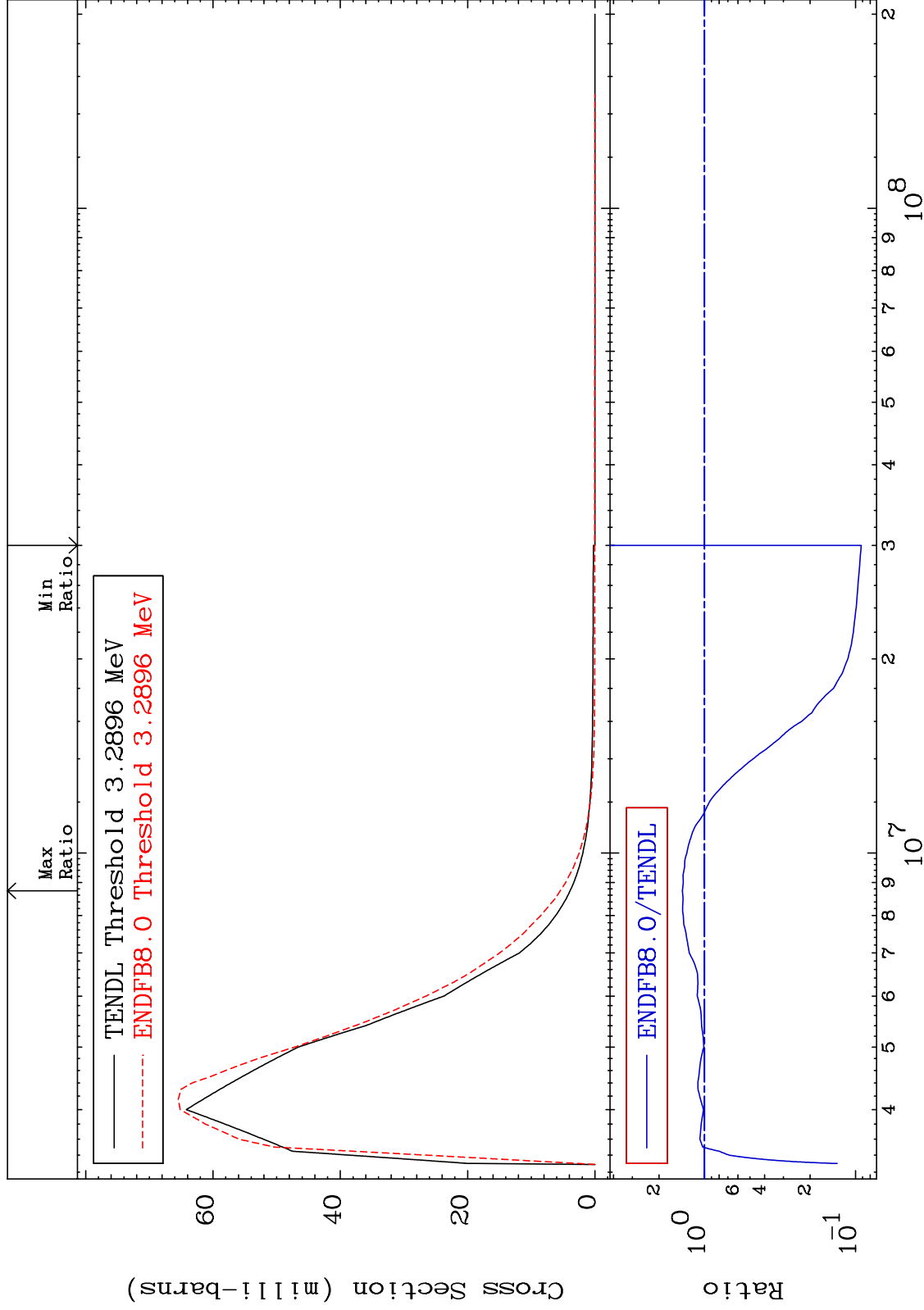
MAT 2637 MT= 62 (n,n') Level Cross Section 26-Fe-58  
 -99.55 To 44.12 %



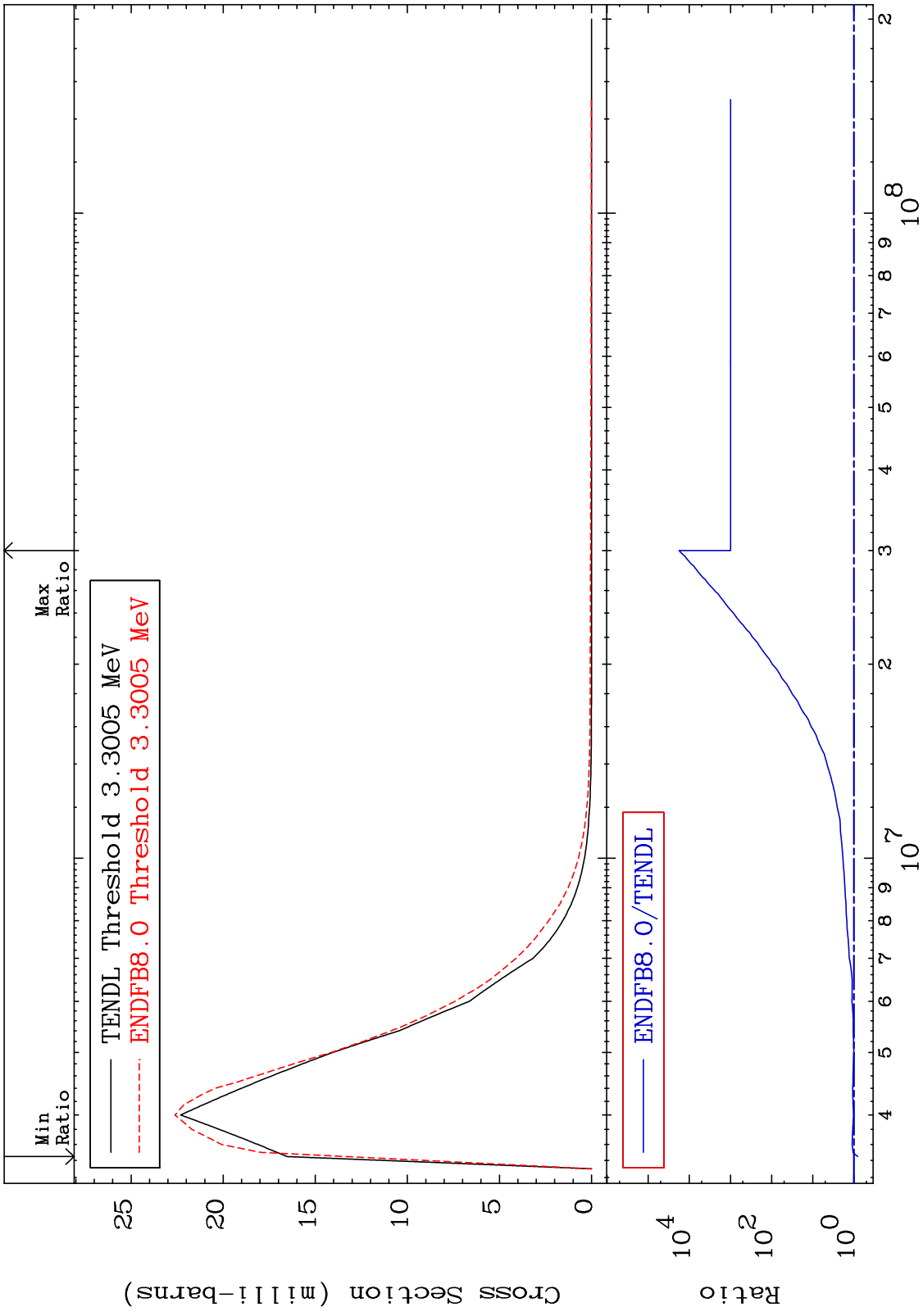
MAT 2637

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

26-Fe-58  
-90.84 To 39.91 %



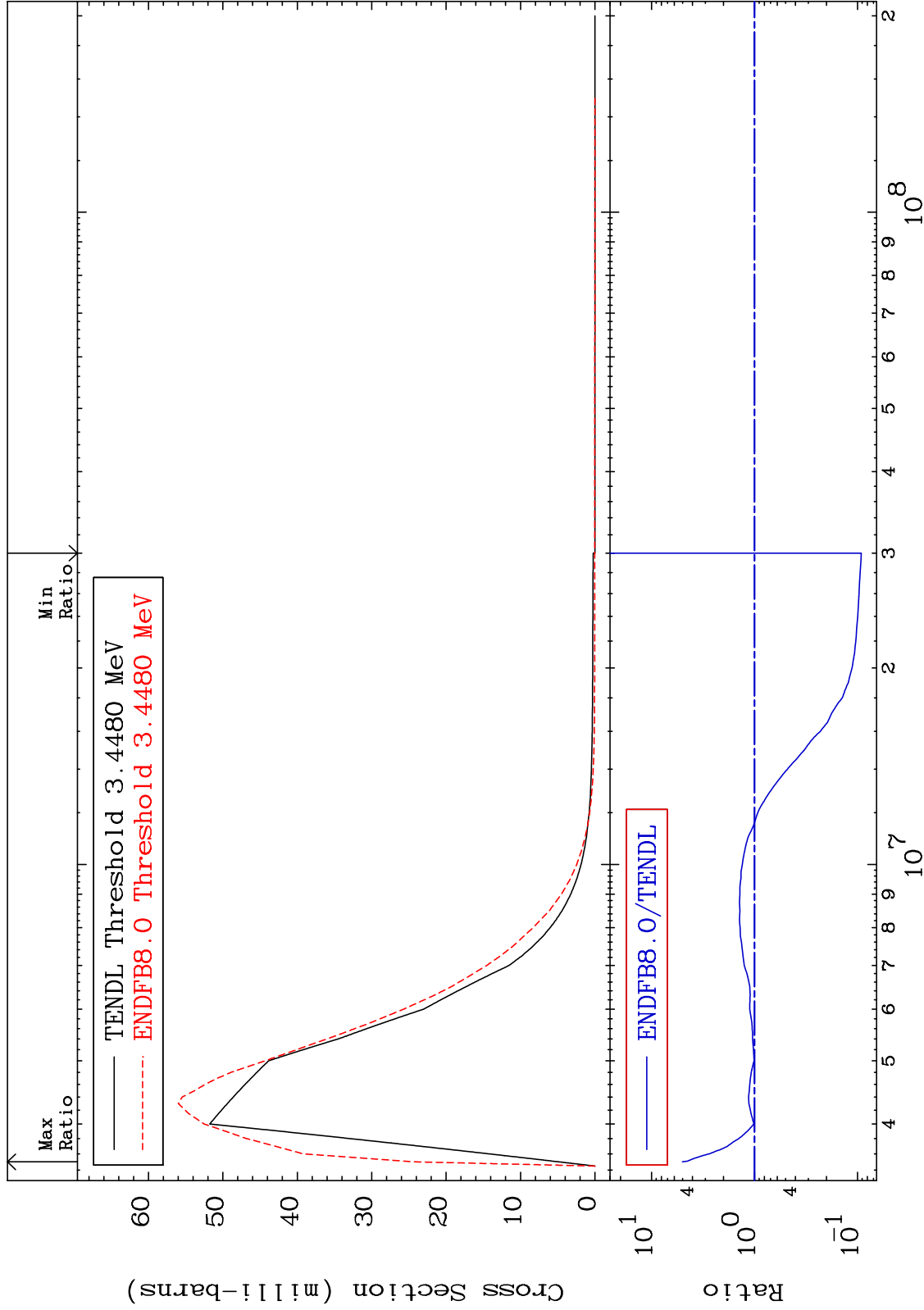
MAT 2637 MT= 64 (n,n') Level Cross Section -19.67 To 9999. % 26-Fe-58



MAT 2637

MT= 65 (n,n') Level  
Cross Section

26-Fe-58  
-90.82 To 400.8 %

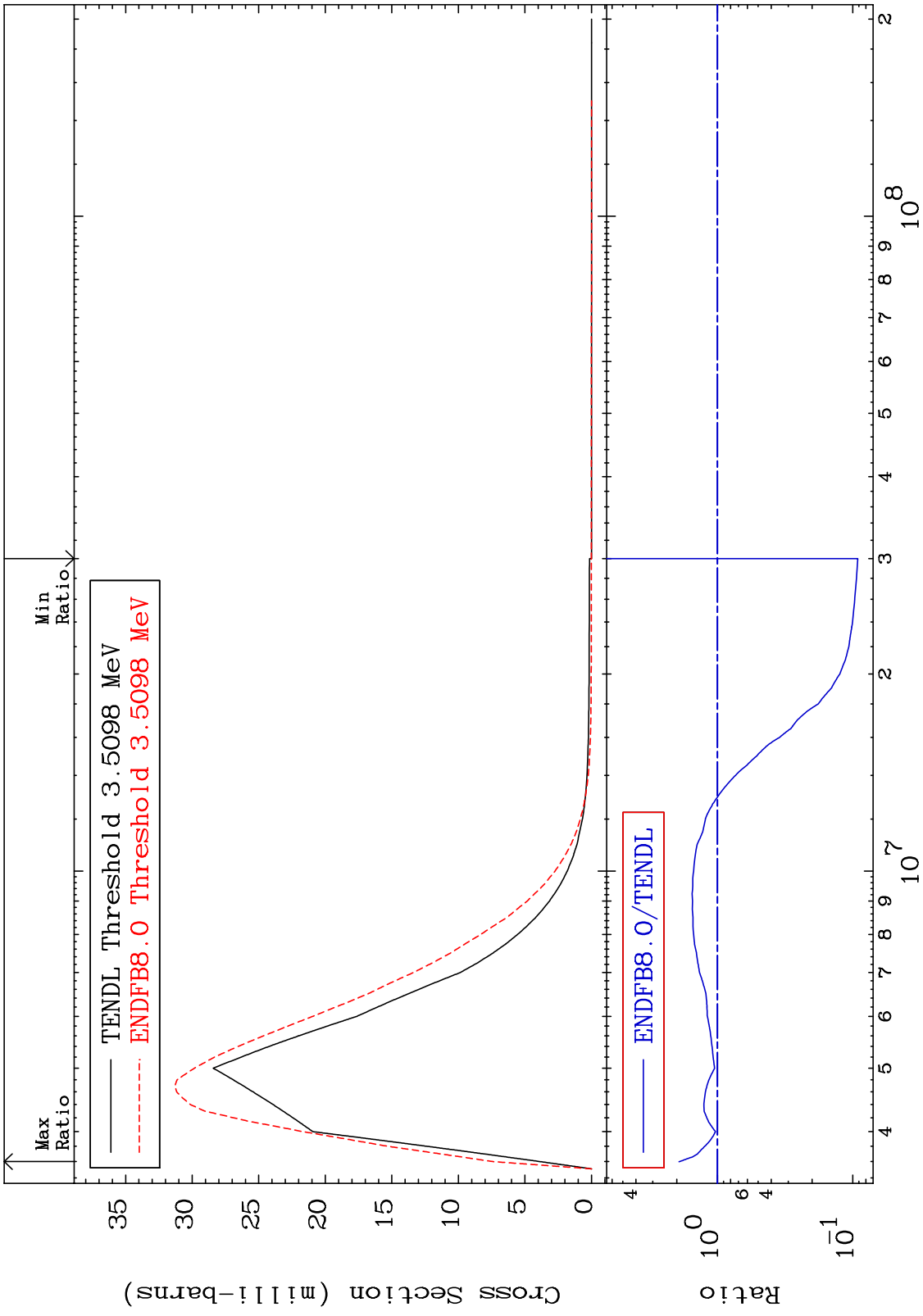


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Incident Energy (eV)

26-Fe-58

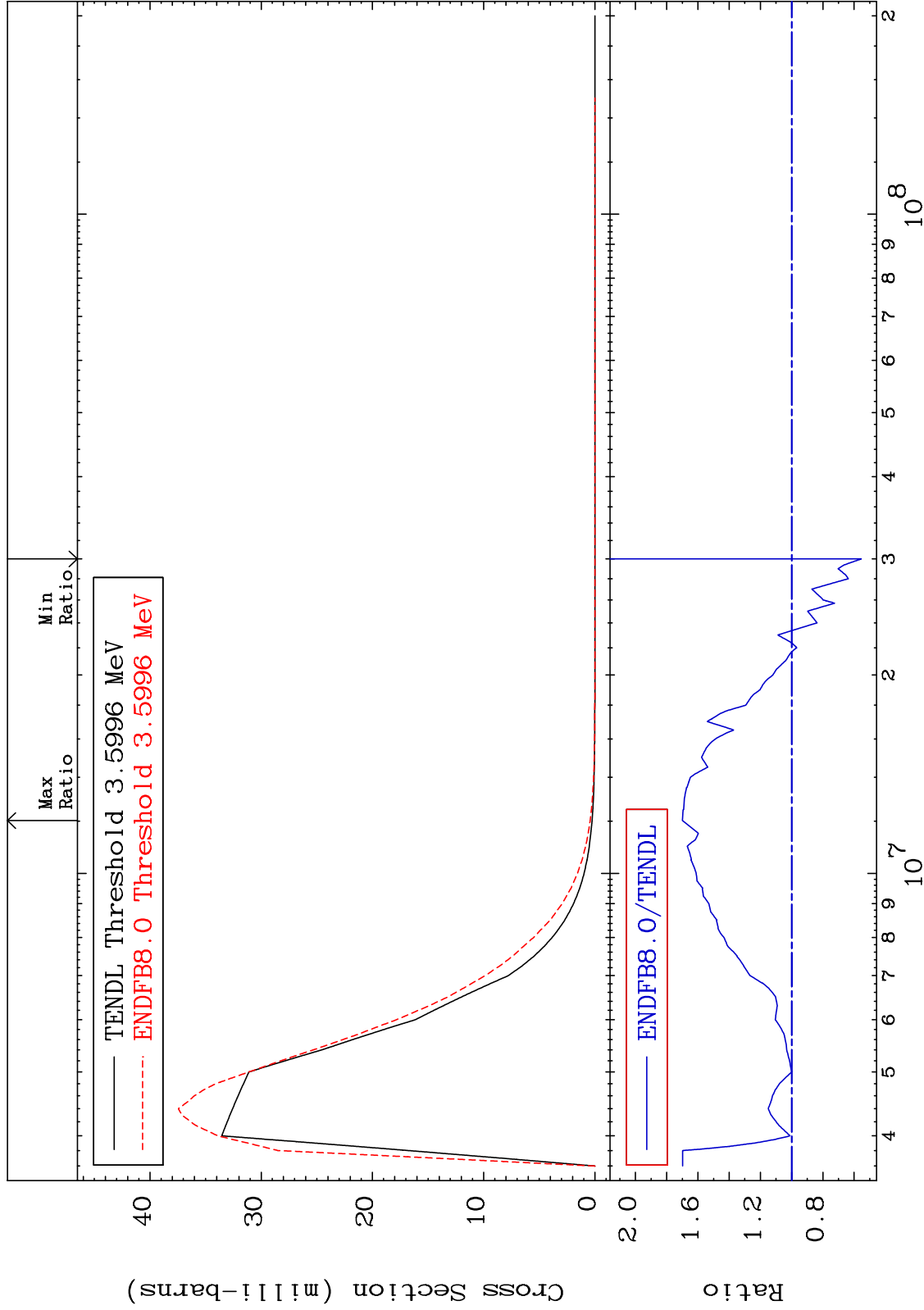
MAT 2637      MT= 66 (n,n') Level Cross Section      26-Fe-58  
 -90.82 To 92.14 %



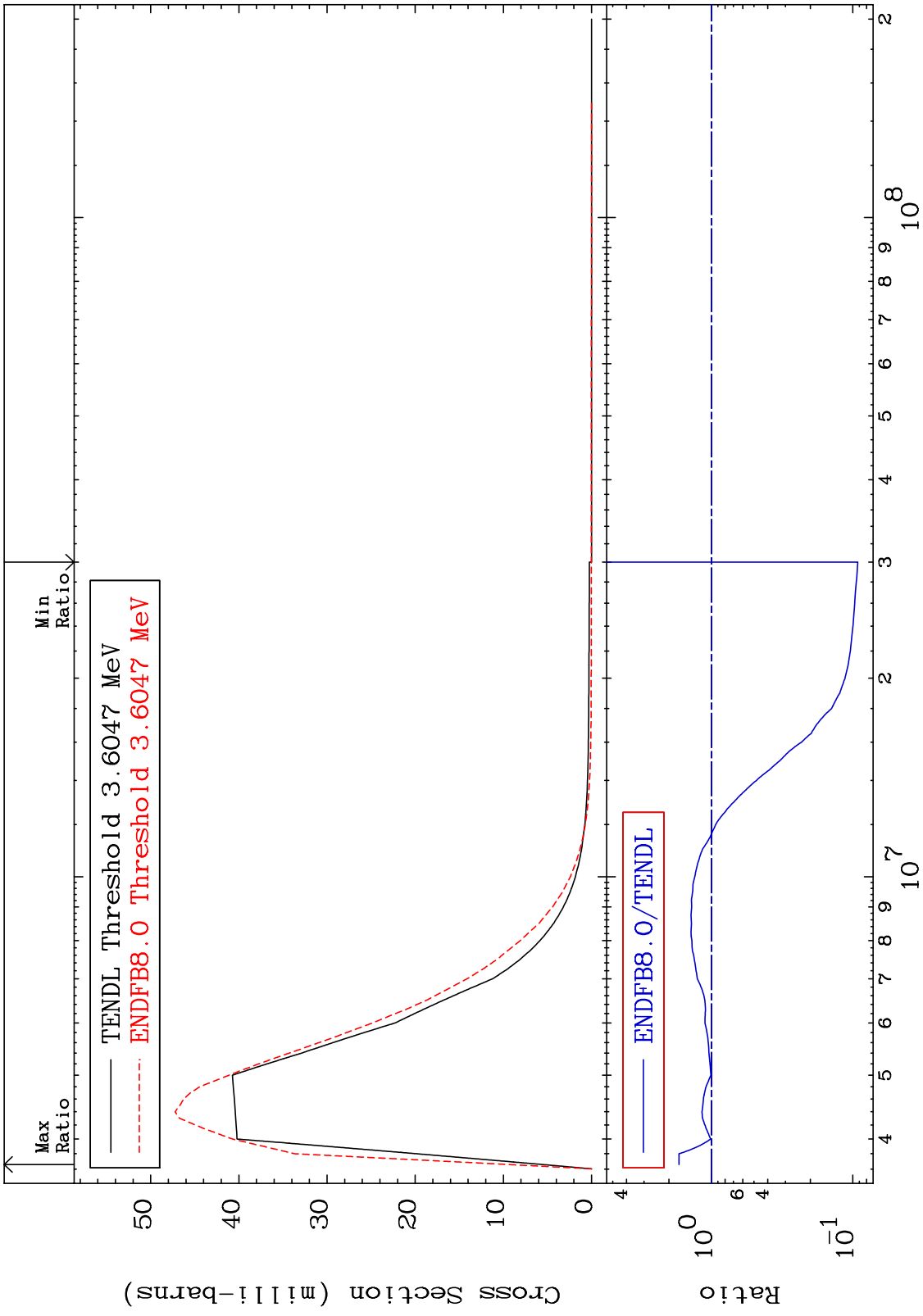
MAT 2637

MT= 67 (n,n') Level  
Cross Section

26-Fe-58  
-44.58 To 69.92 %

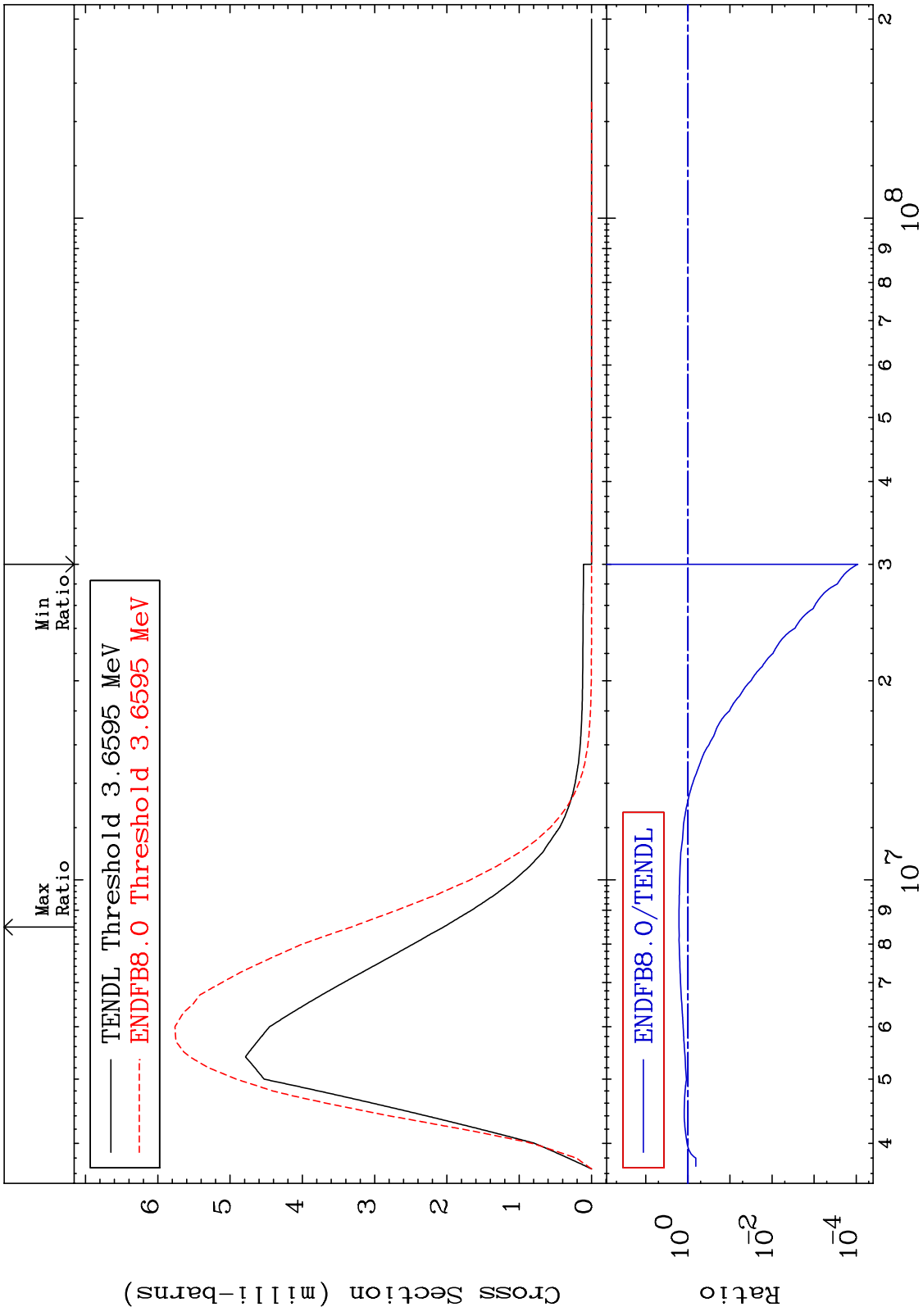


MAT 2637 MT= 68 (n,n') Level Cross Section -90.79 To 69.75 % 26-Fe-58





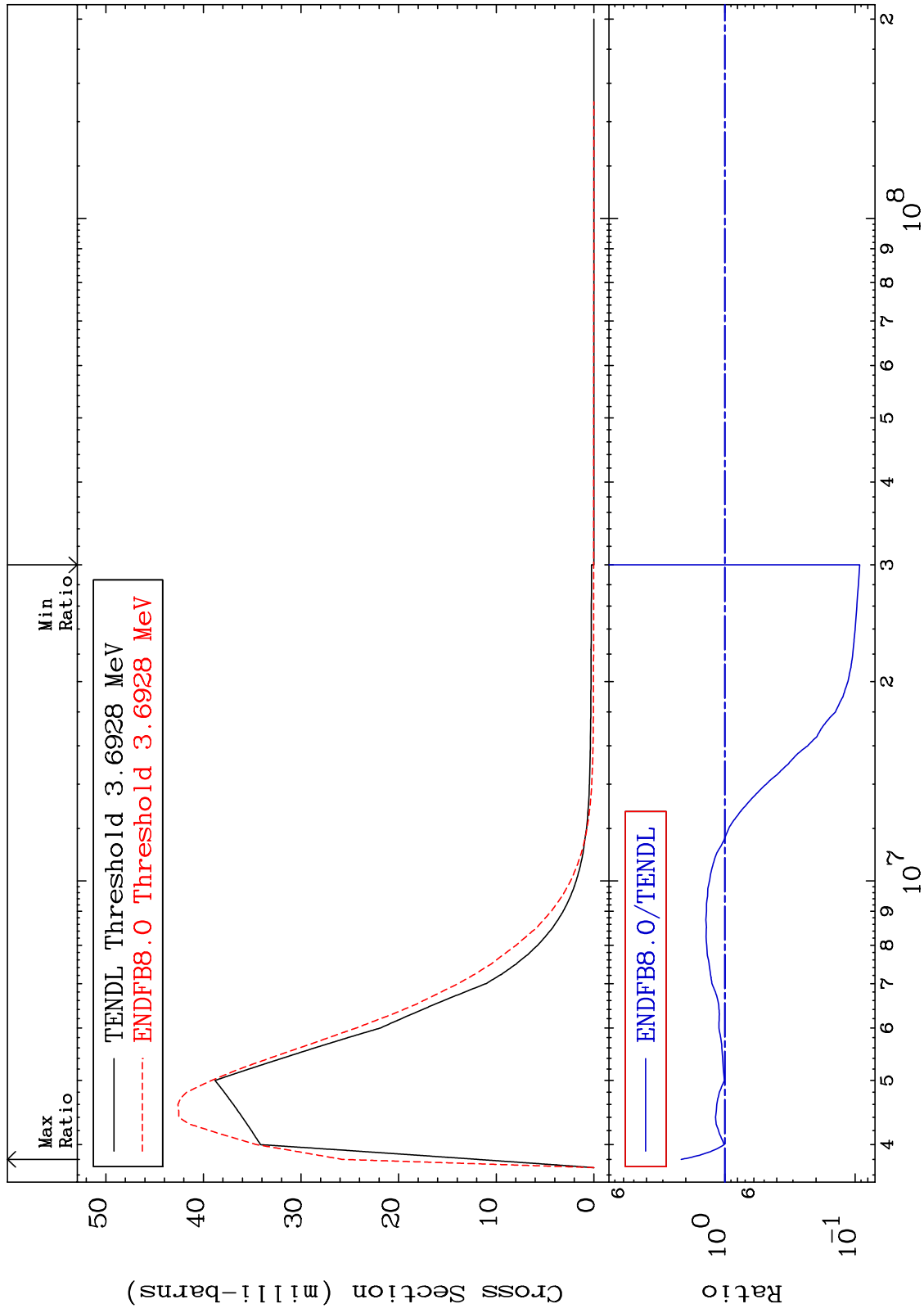
MAT 2637 MT= 69 (n,n') Level Cross Section -99.99 To 62.50 % 26-Fe-58



MAT 2637

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

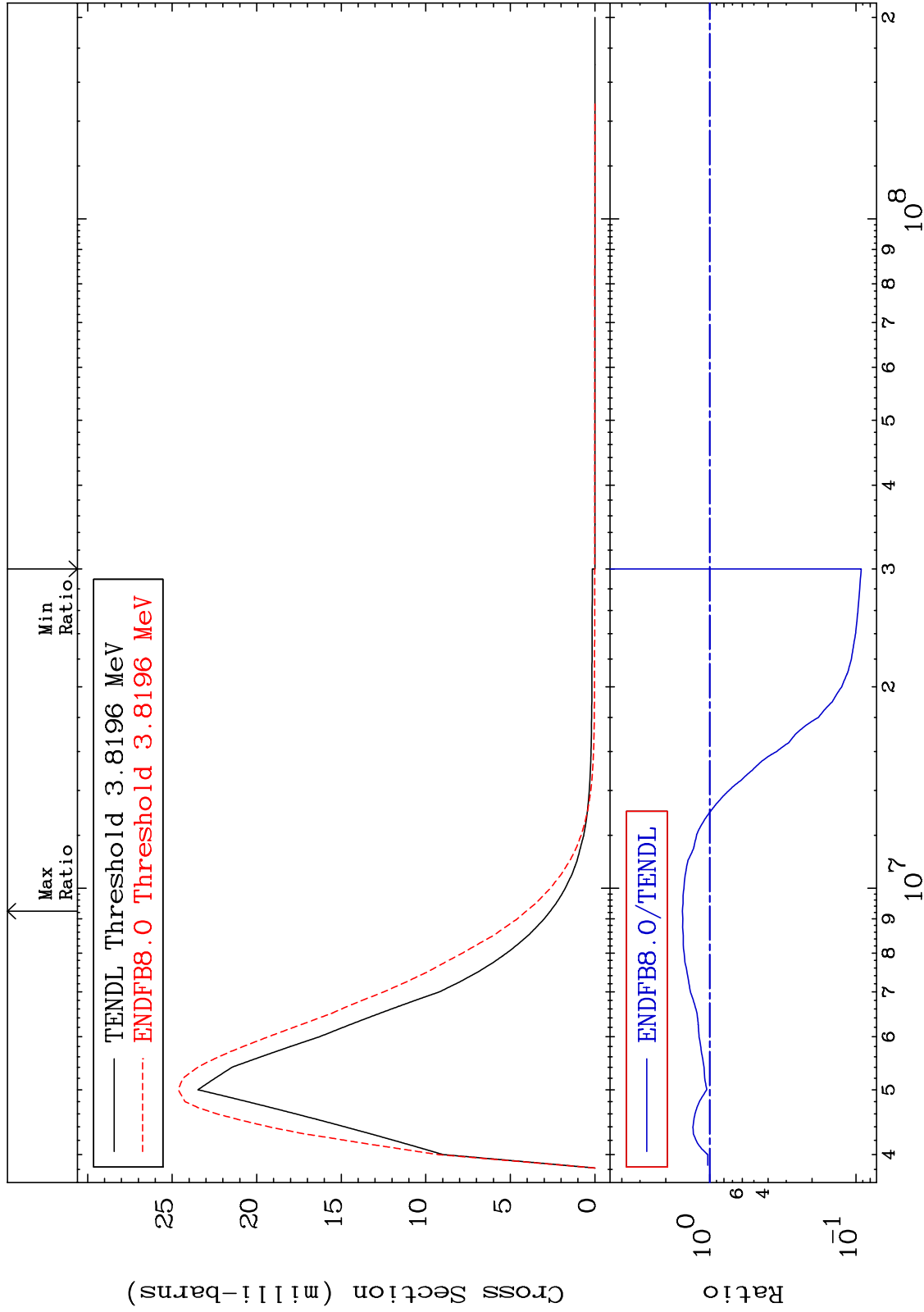
26-Fe-58  
-90.78 To 116.4 %



MAT 2637

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

26-Fe-58  
-90.79 To 53.81 %

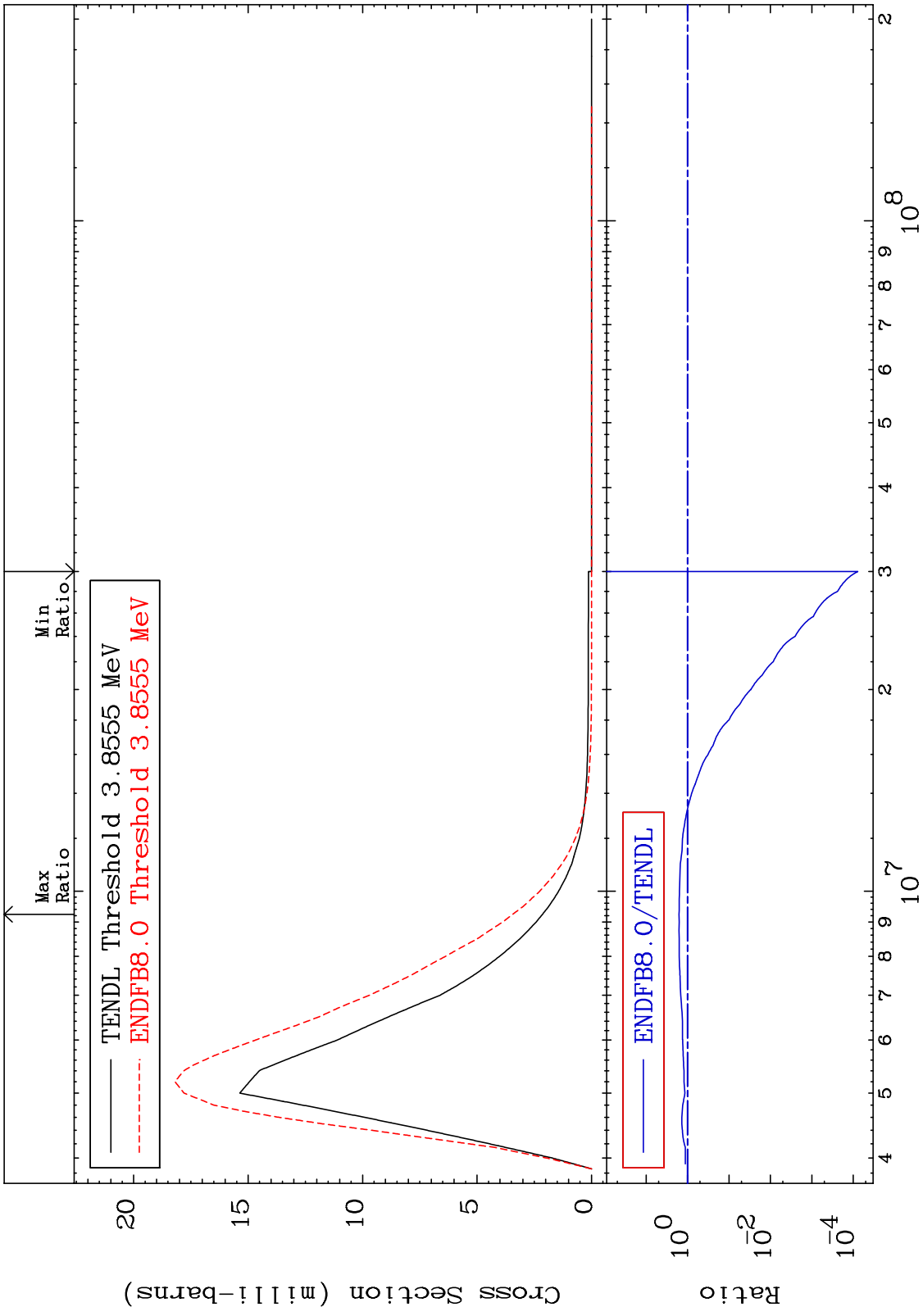


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Incident Energy (eV)

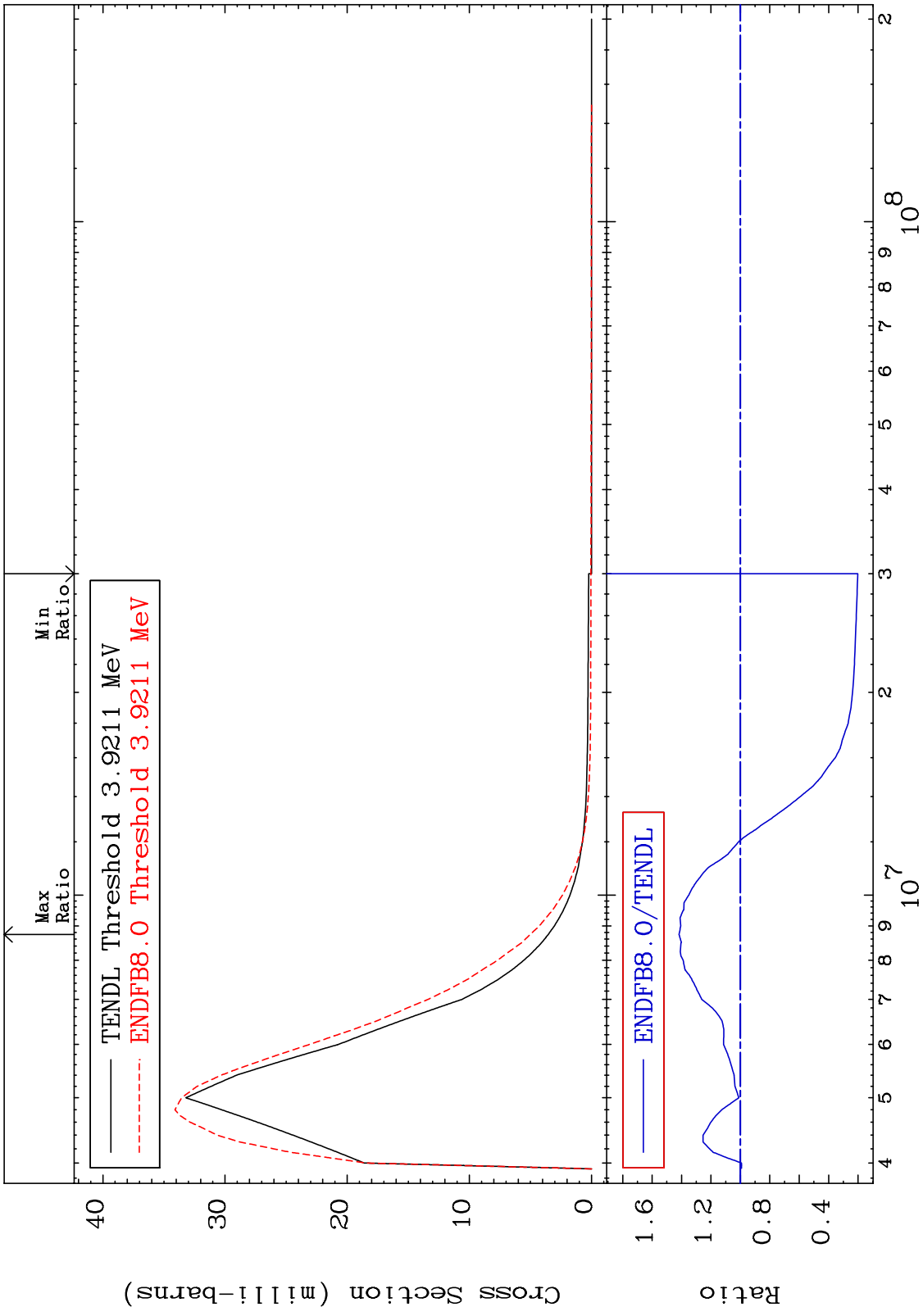
26-Fe-58

MAT 2637 MT= 72 (n,n') Level Cross Section 26-Fe-58  
 -99.99 To 60.85 %

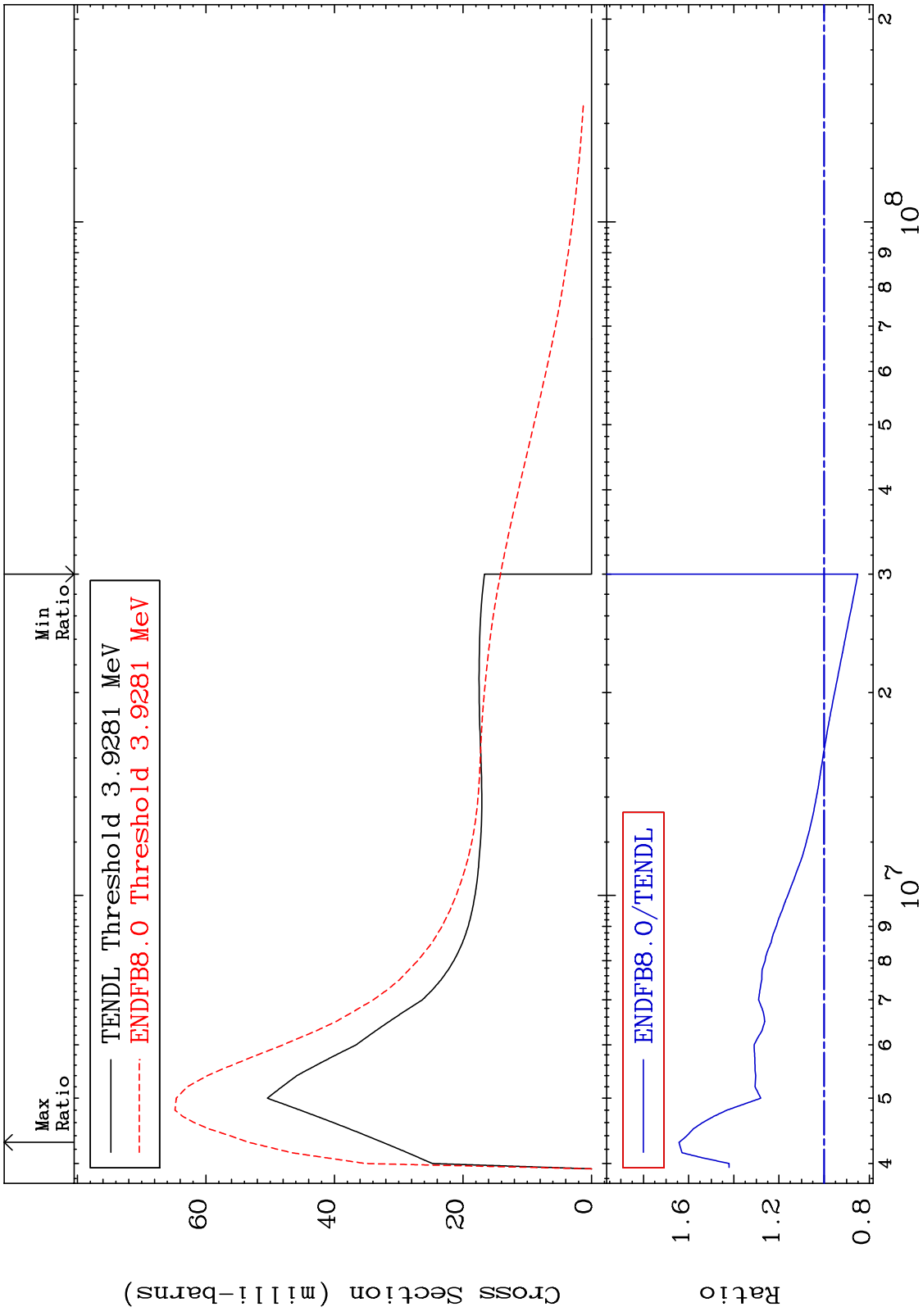


27 26-Fe-58

MAT 2637 MT= 73 (n,n') Level Cross Section 26-Fe-58  
 -79.84 To 41.69 %



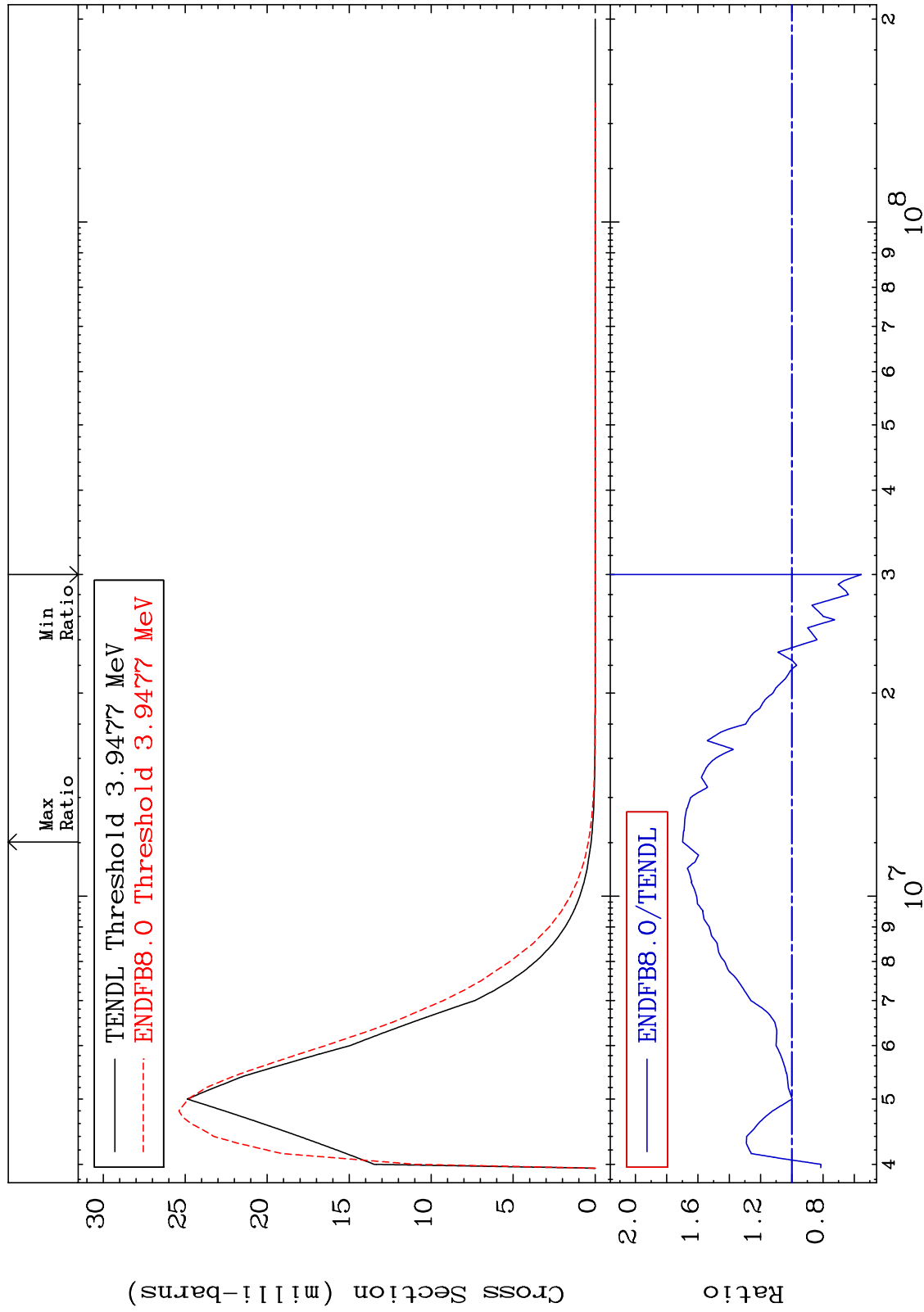
MAT 2637 MT= 74 (n,n') Level Cross Section -14.92 To 64.25 % 26-Fe-58



MAT 2637

MT= 75 (n,n') Level  
Cross Section

26-Fe-58  
-44.54 To 69.81 %

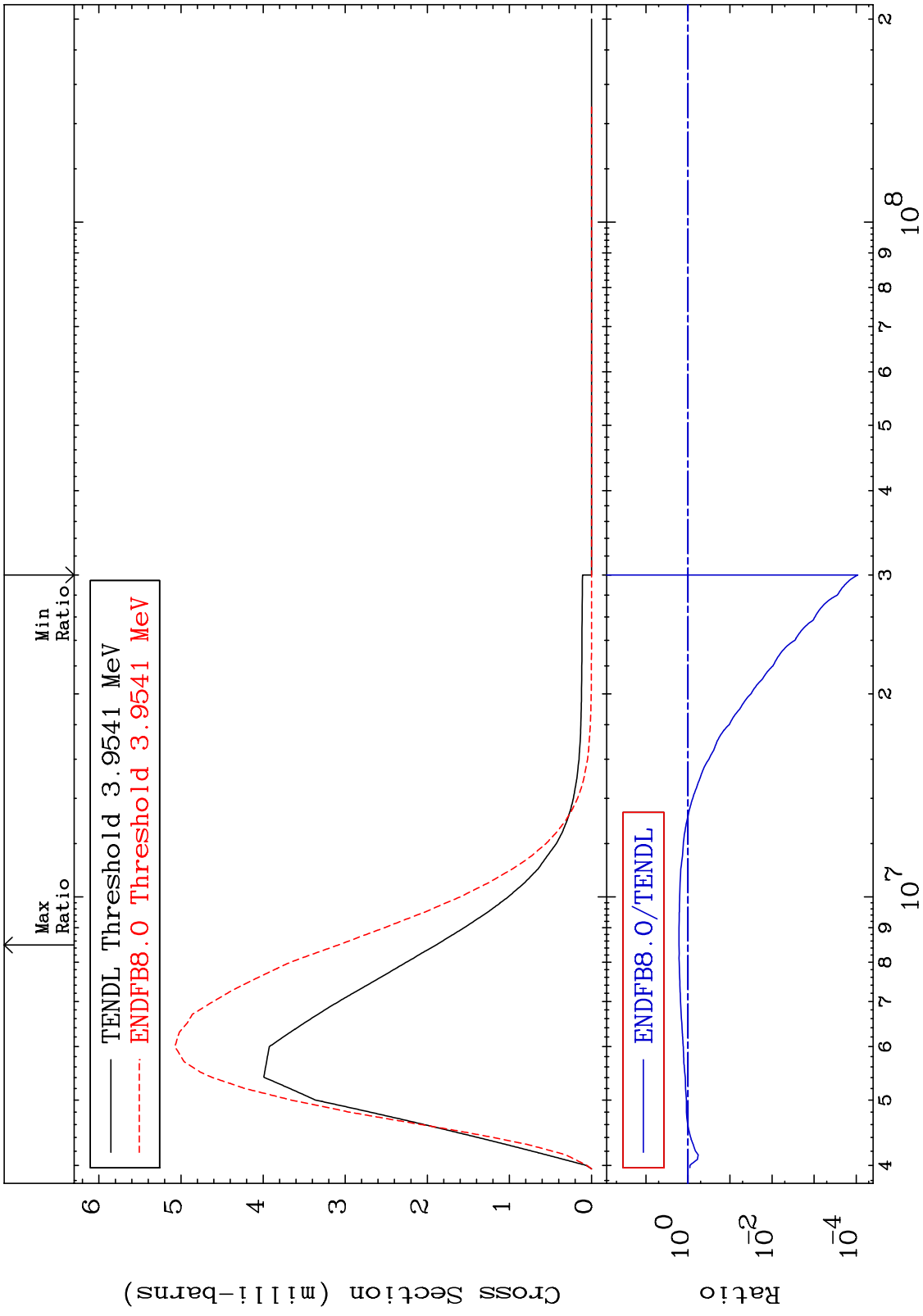


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Incident Energy (eV)

26-Fe-58

MAT 2637 MT= 76 (n,n') Level Cross Section -99.99 To 63.02 % 26-Fe-58

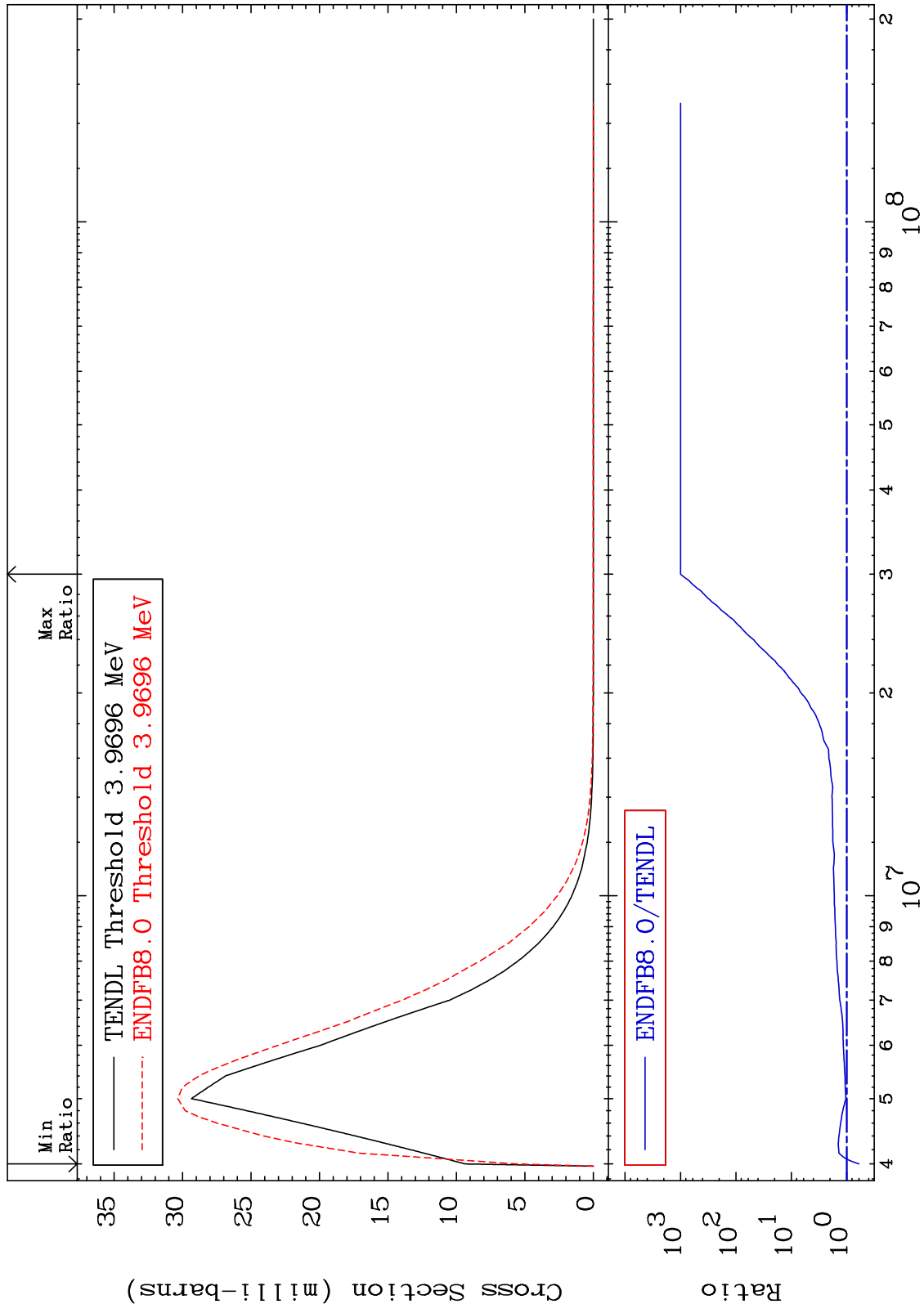




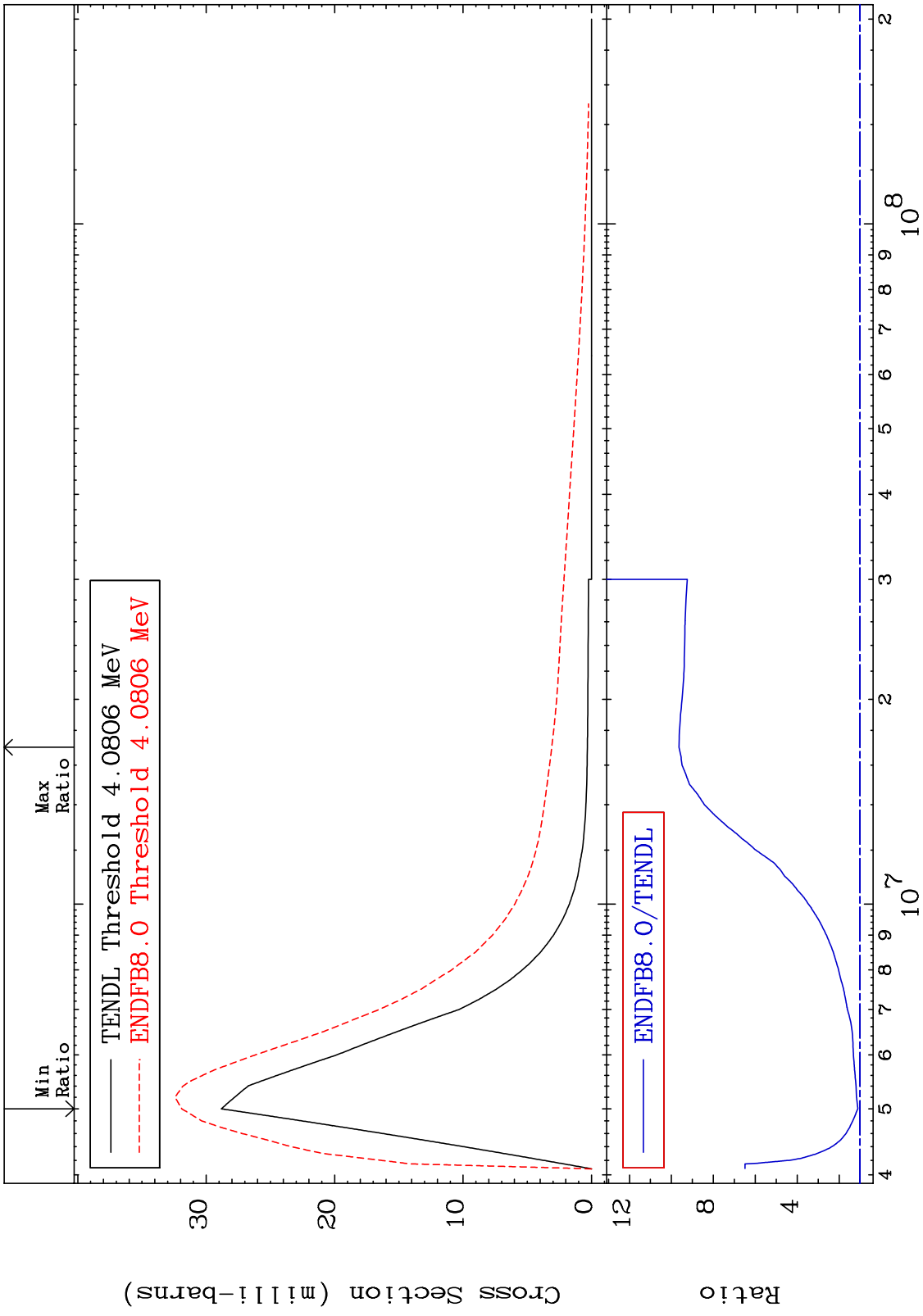
MAT 2637

MT= 77 (n,n') Level  
Cross Section

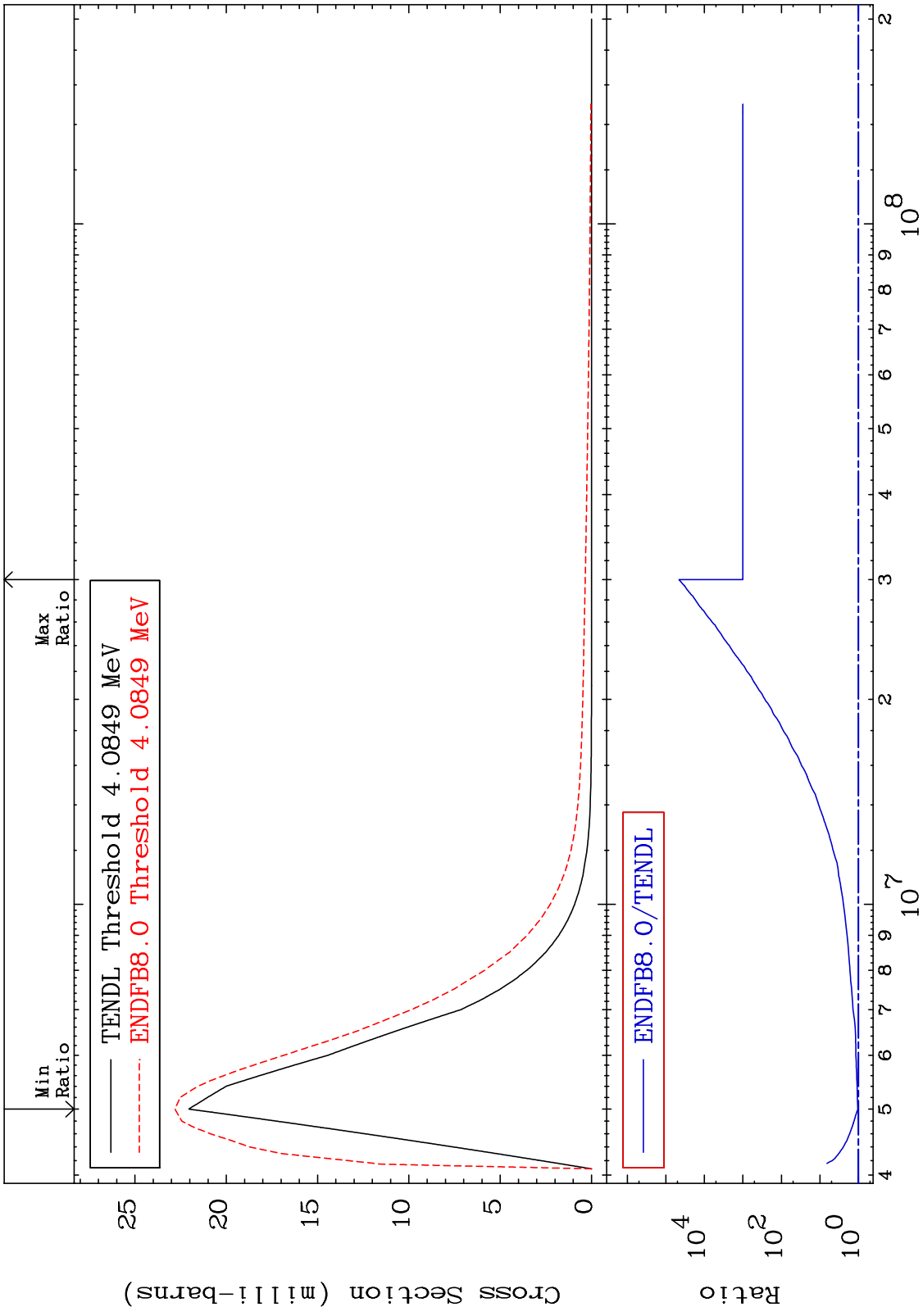
26-Fe-58  
-40.03 To 9999. %



MAT 2637 MT= 78 (n,n') Level Cross Section 26-Fe-58  
 10.67 To 863.6 %

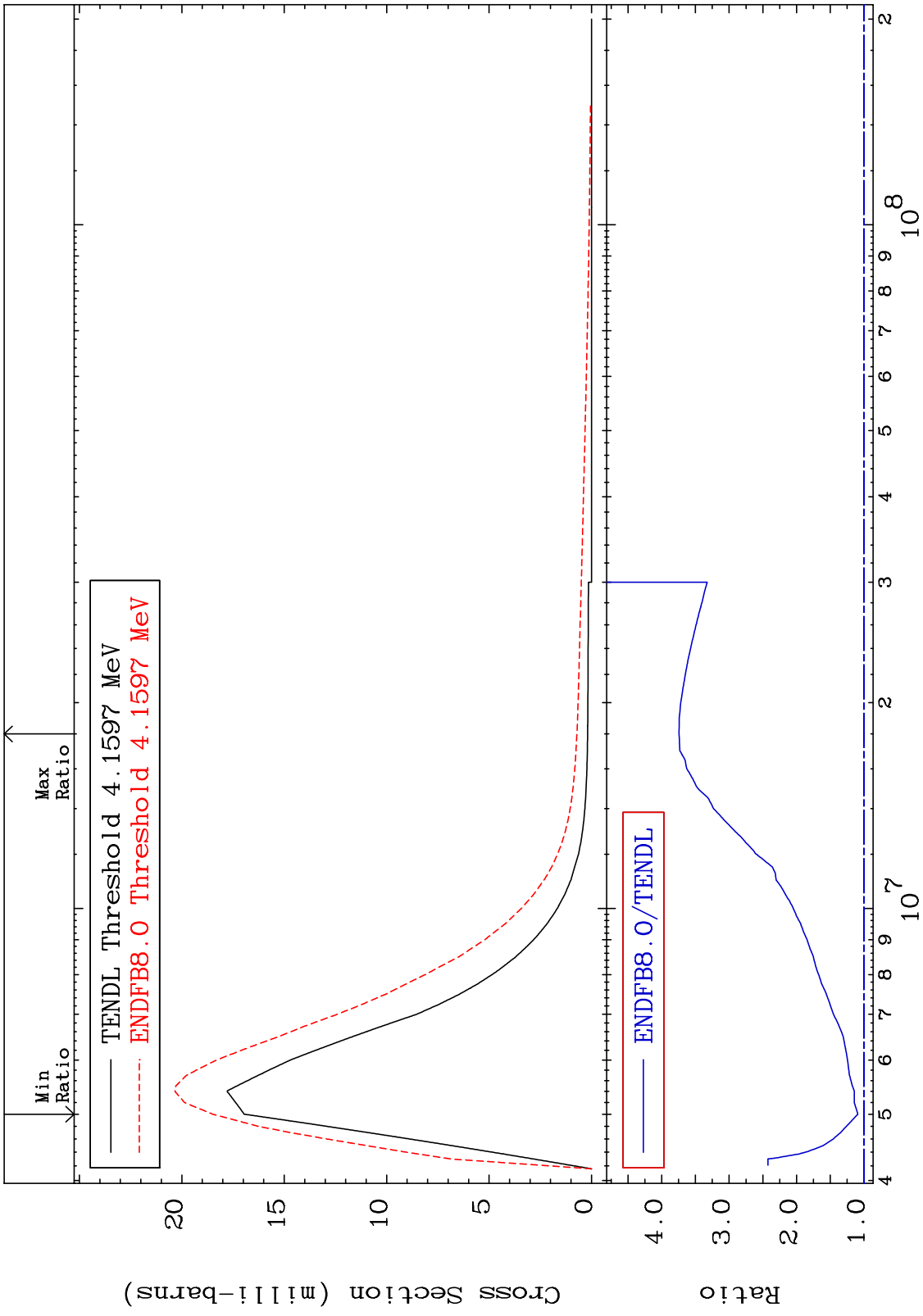


MAT 2637 MT= 79 (n,n') Level Cross Section 26-Fe-58 3.441 To 9999. %



34 Incident Energy (eV) 26-Fe-58

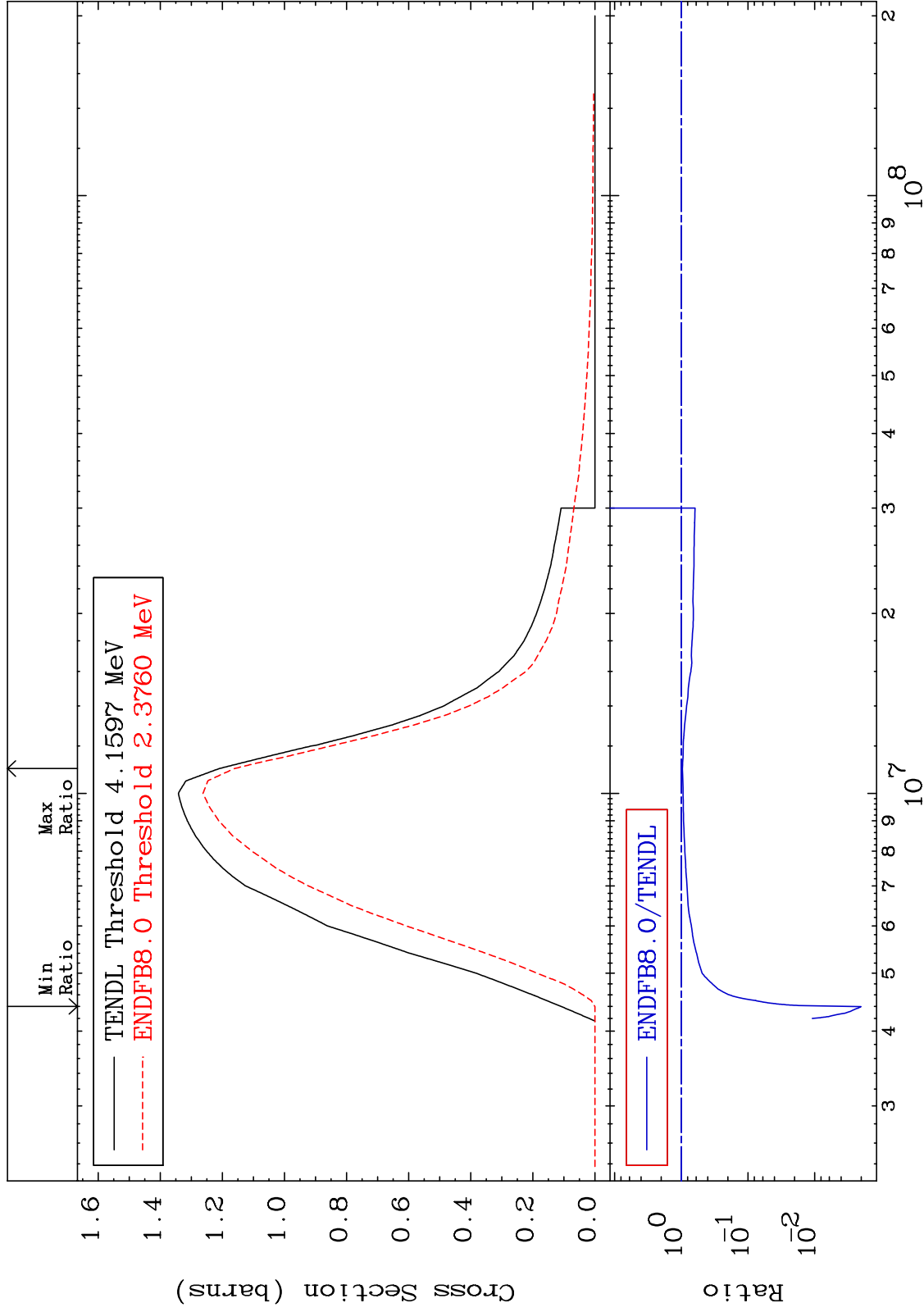
MAT 2637 MT= 80 (n,n') Level Cross Section 26-Fe-58 To 274.3 %  
 9.096



MAT 2637

(n, n') Continuum  
Cross Section

26-Fe-58  
-99.80 To -4.042%



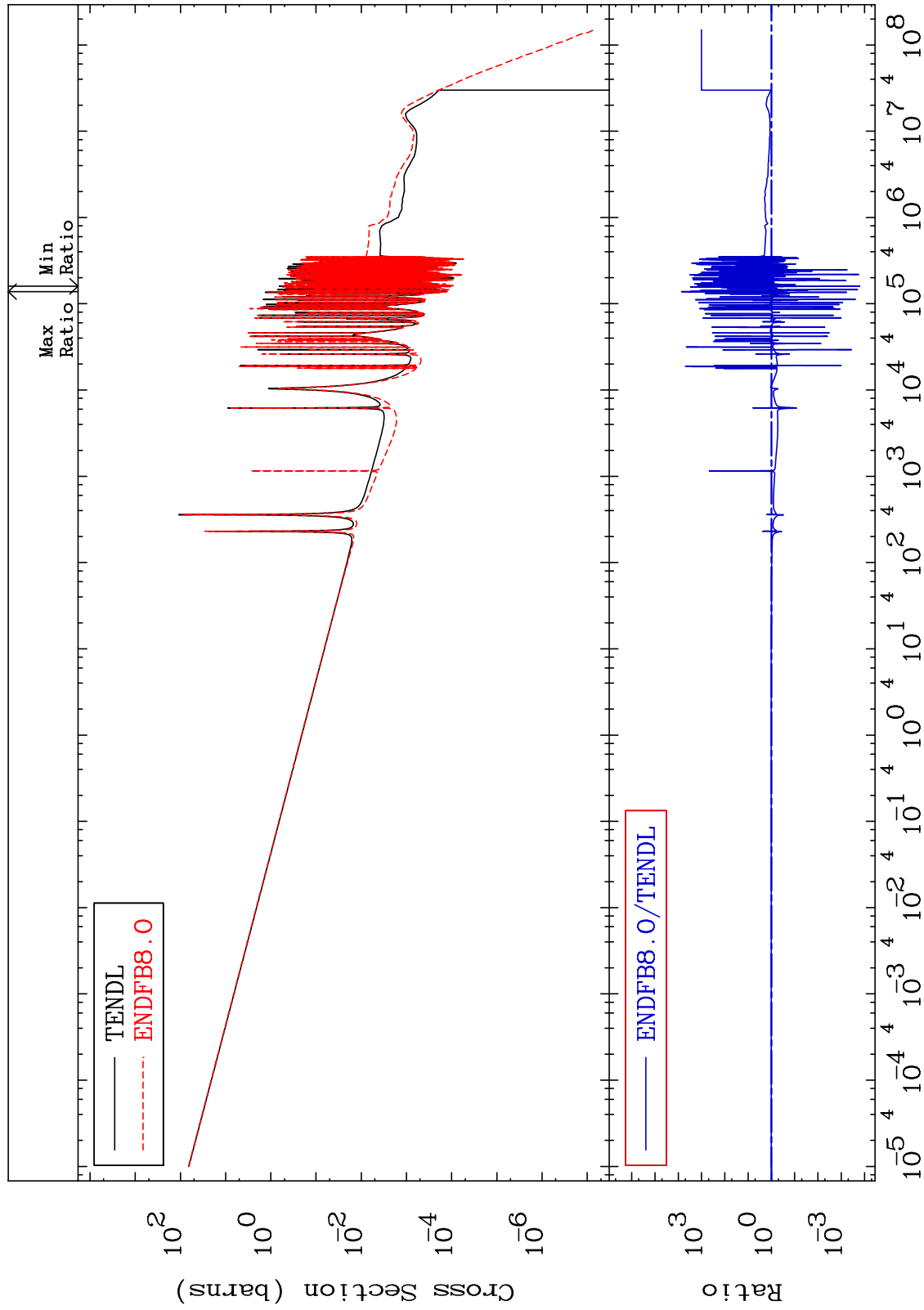
MAT 2637

(n,  $\gamma$ )

26-Fe-58

Cross Section

-99.98 To 9999. %

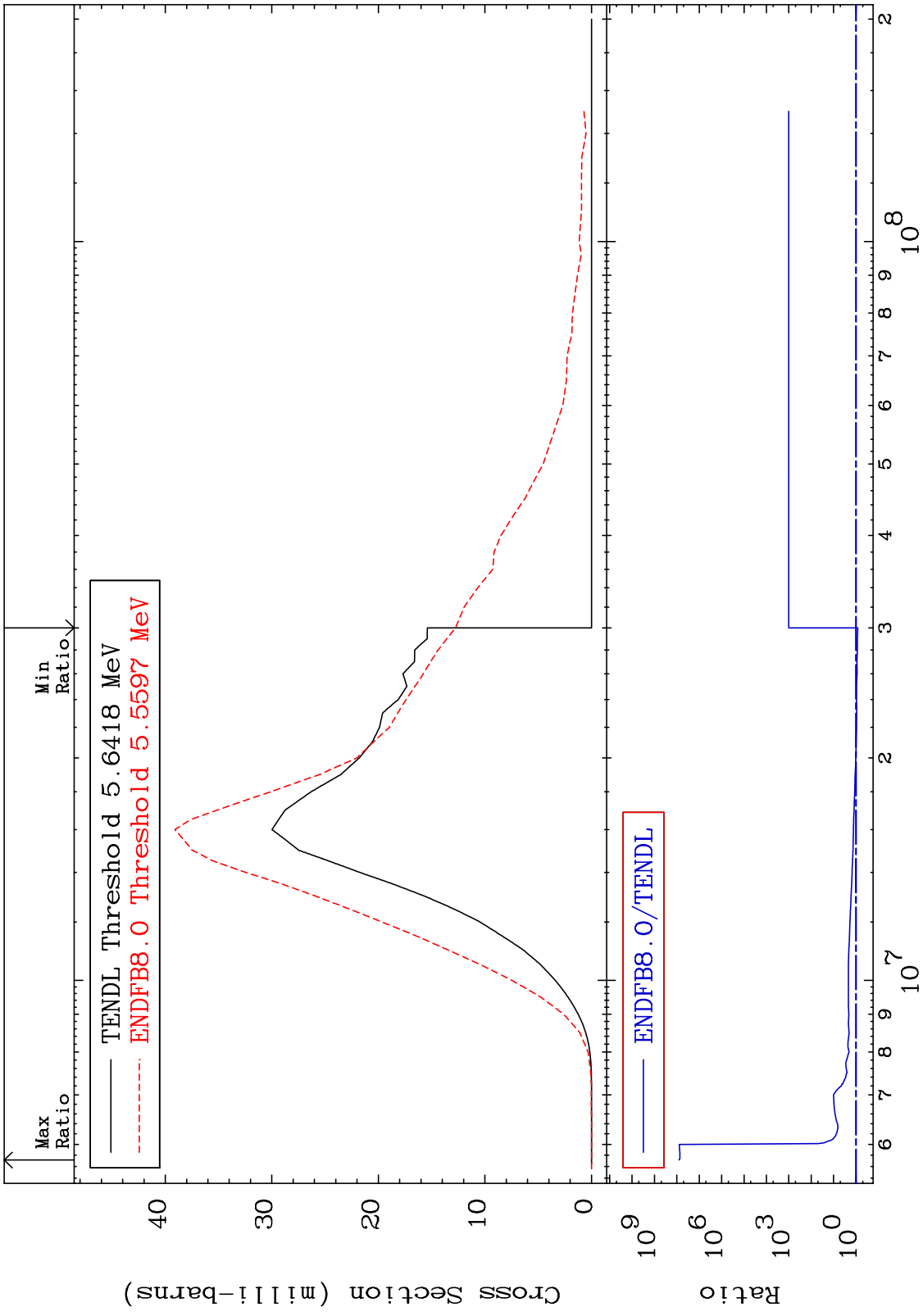


37

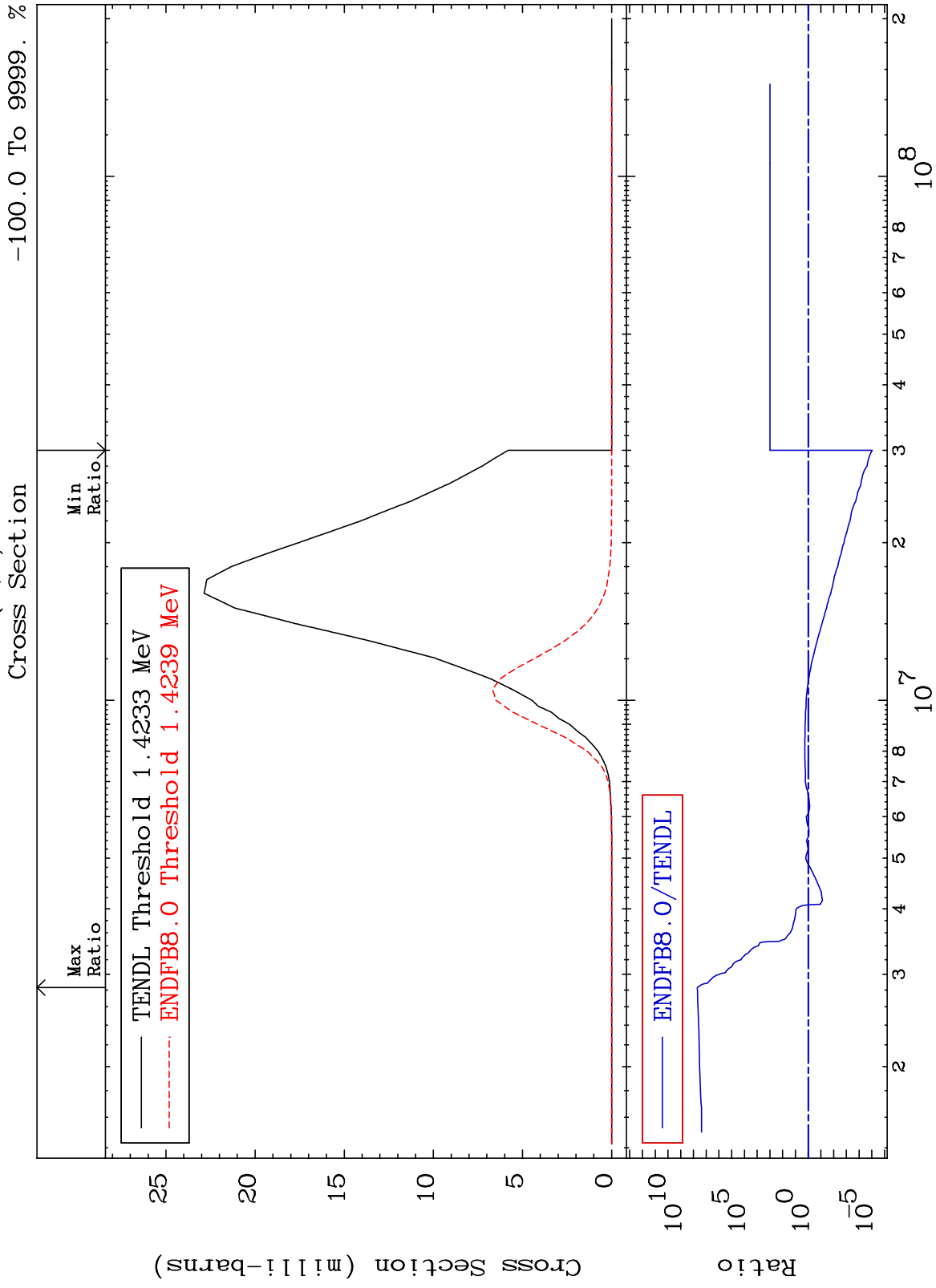
Incident Energy (eV)

26-Fe-58

MAT 2637 (n,p) Cross Section 26-Fe-58  
 -17.20 To 9999. %



MAT 2637 (n,α) 26-Fe-58 -100.0 To 9999. %

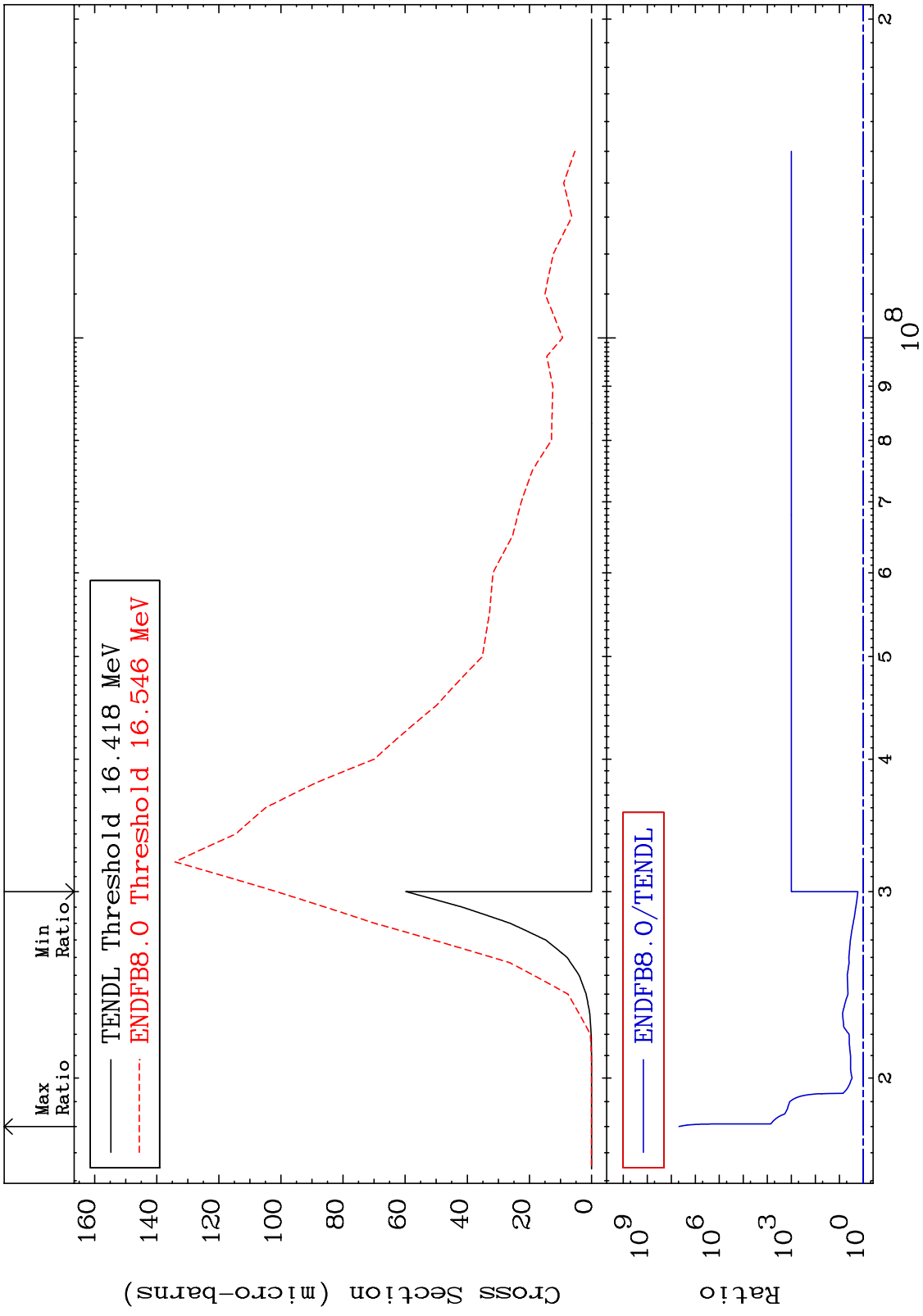


26-Fe-58

Incident Energy (eV)

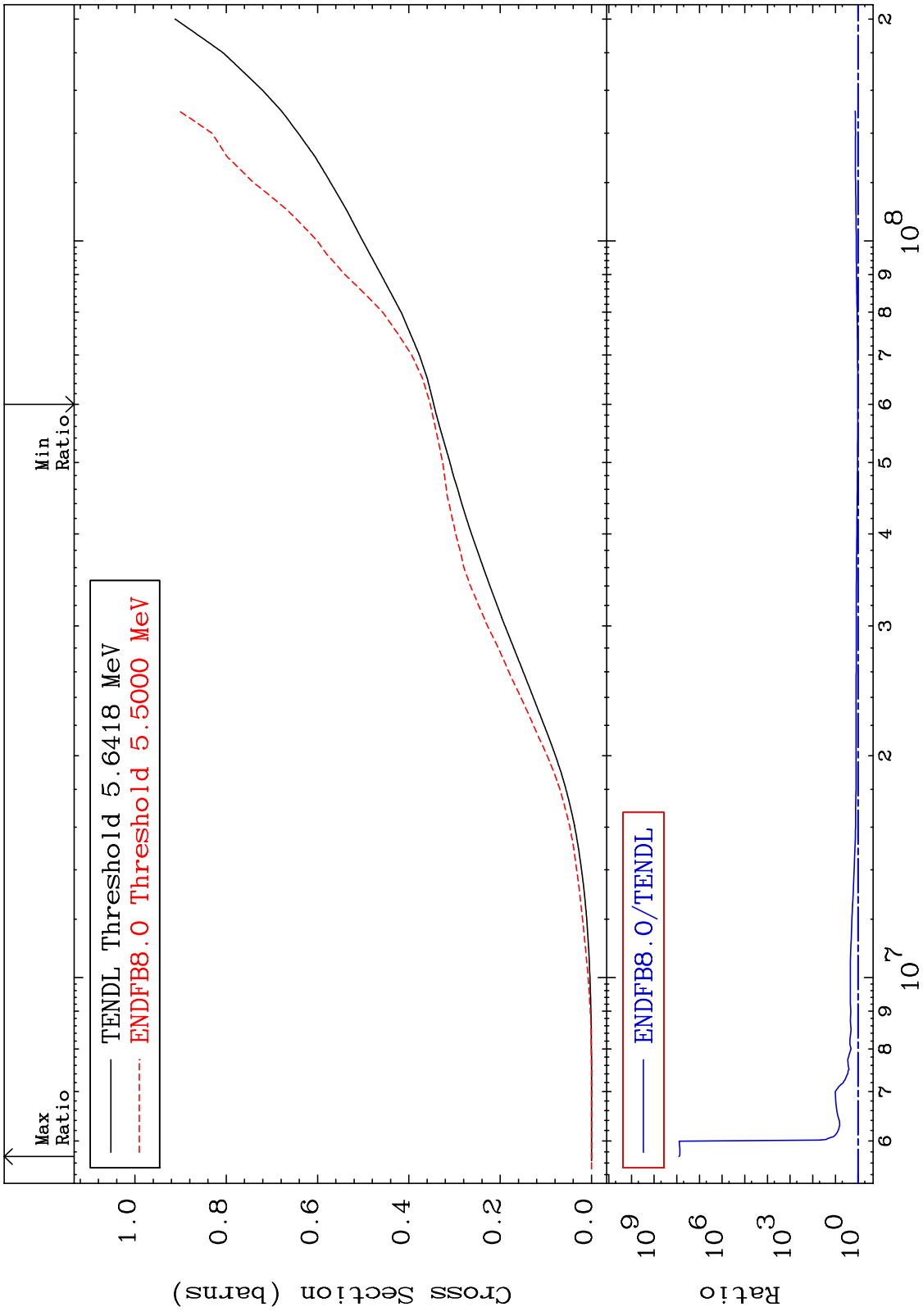


MAT 2637 (n,2p) Cross Section 26-Fe-58 69.84 To 9999. %



40 26-Fe-58 Incident Energy (eV)

MAT 2637 Hydrogen Production Cross Section 26-Fe-58 2.169 To 9999. %

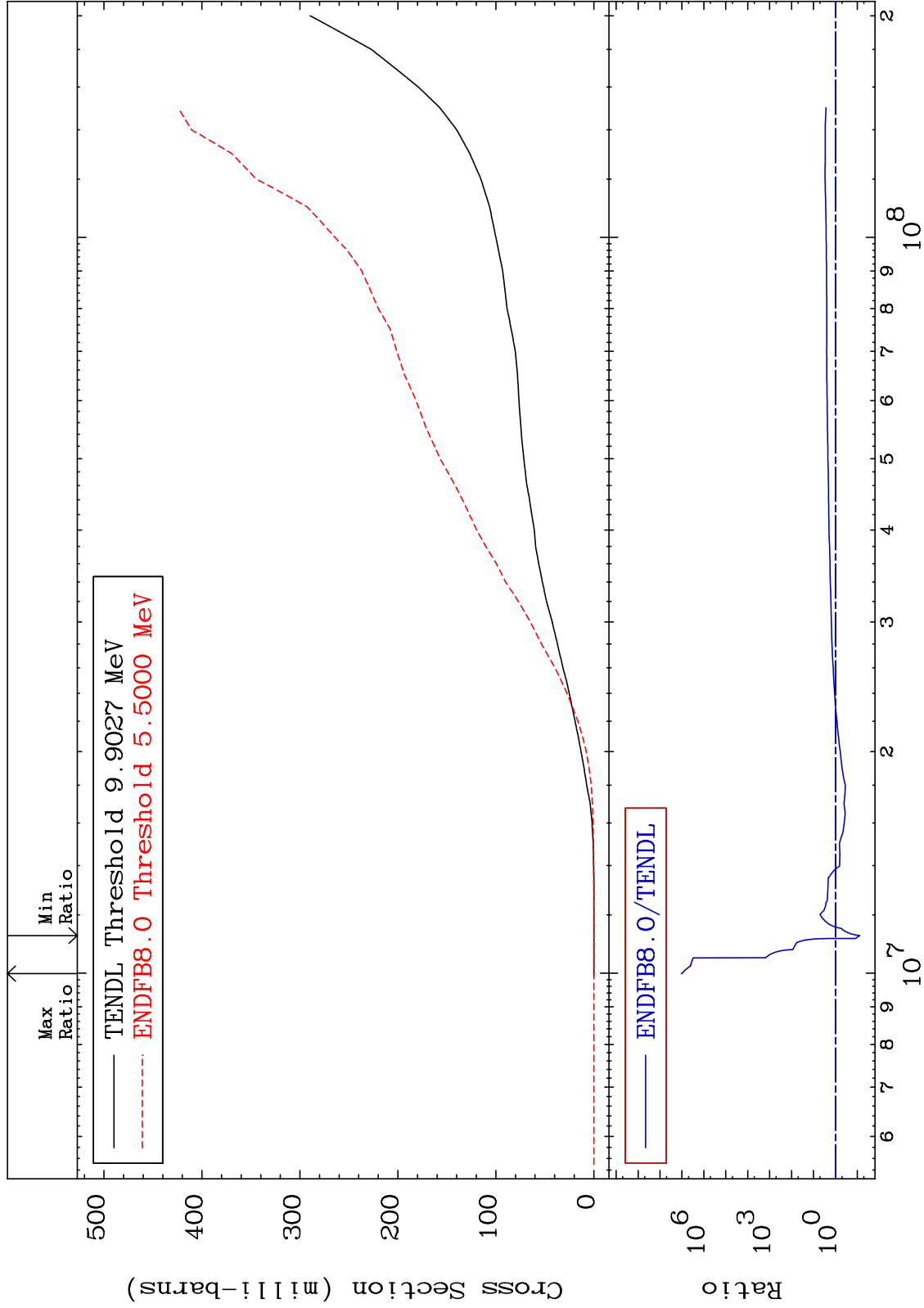


41 26-Fe-58

MAT 2637

Deuterium Production  
Cross Section

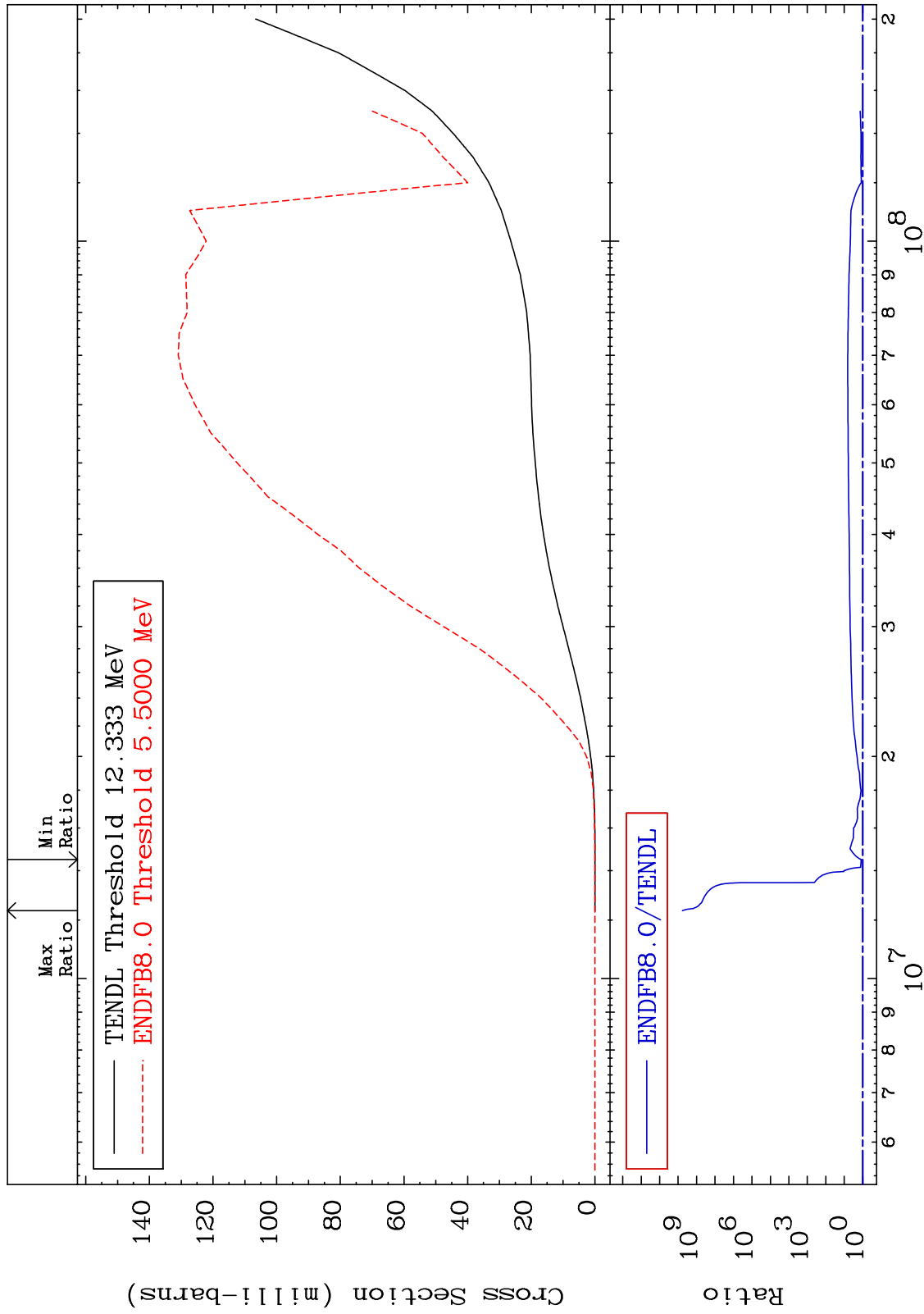
<sup>26</sup>Fe-58  
-92.25 To 9999. %



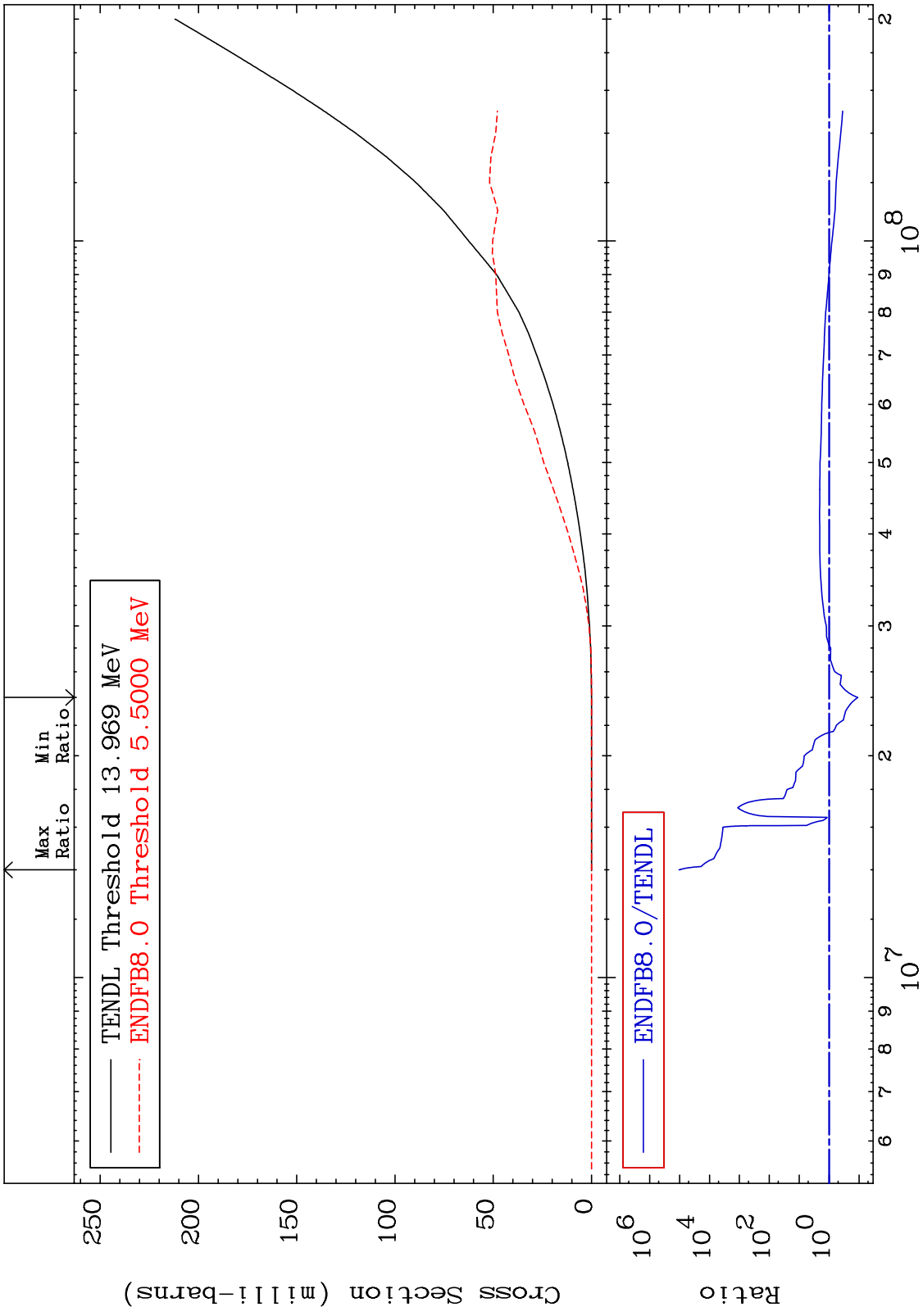
MAT 2637

Tritium Production  
Cross Section

26-Fe-58  
18.84 To 9999. %



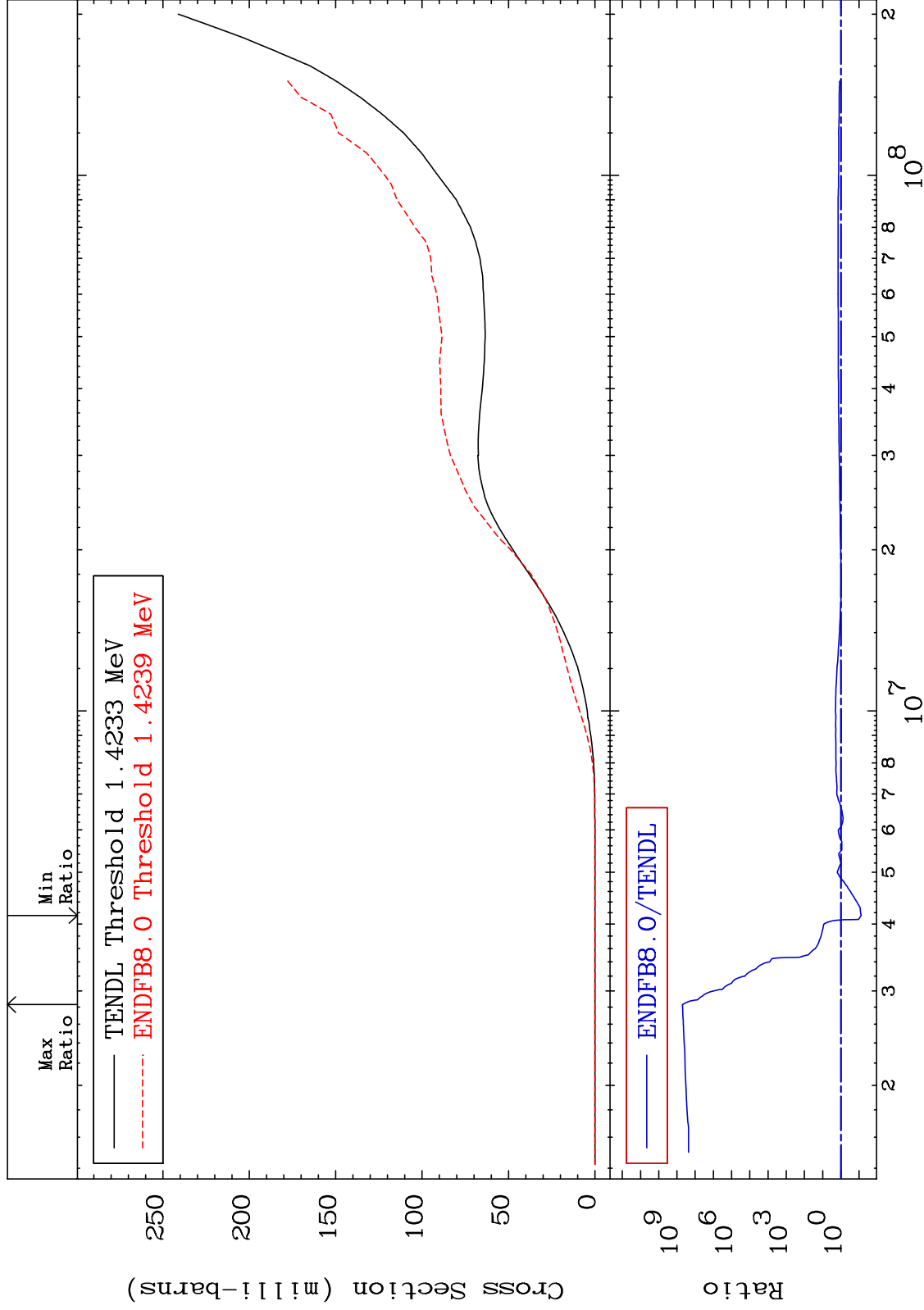
MAT 2637 He-3 Production Cross Section 26-Fe-58  
 -89.06 To 9999. %



MAT 2637

He-4 Production  
Cross Section

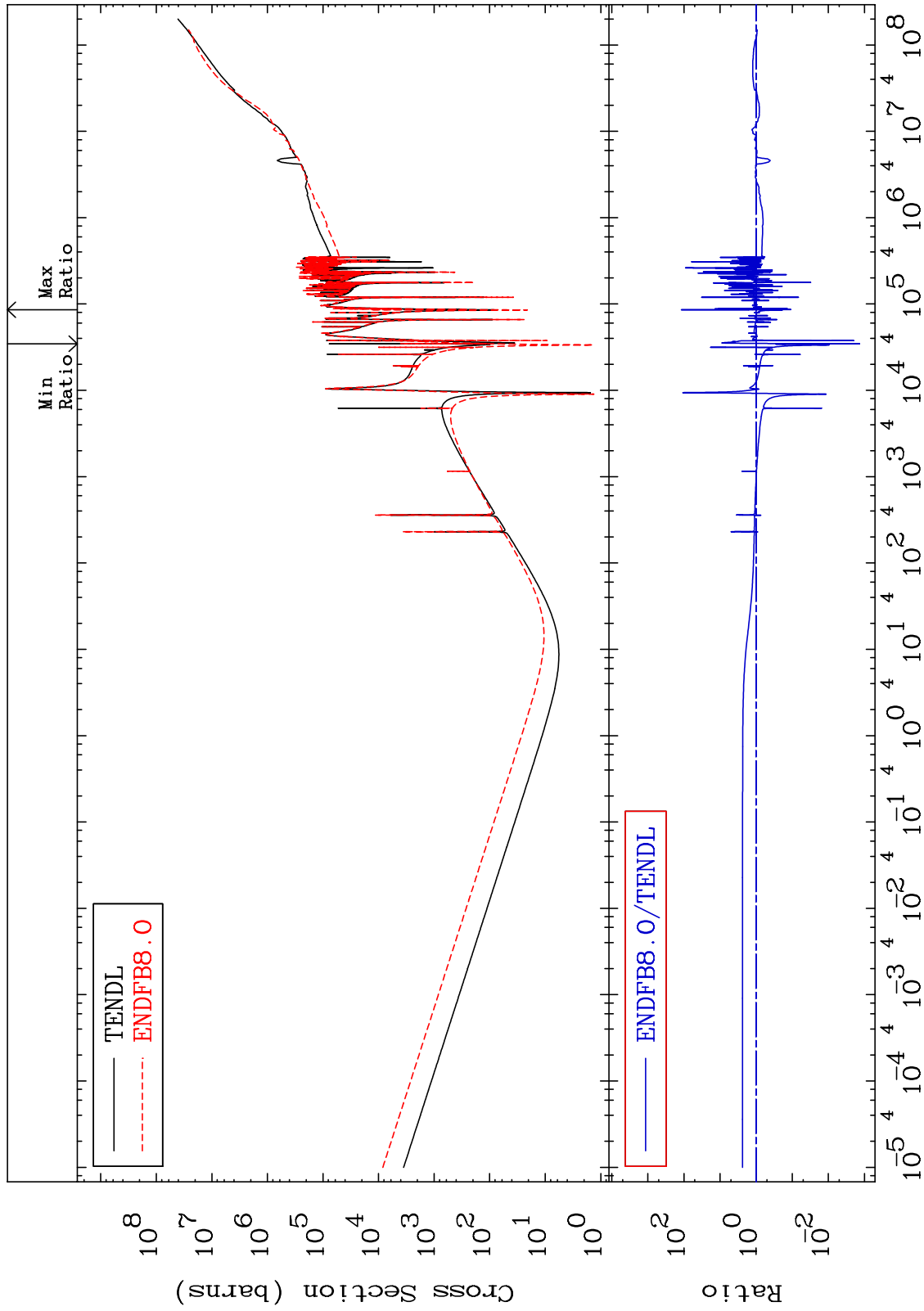
26-Fe-58  
-92.38 To 9999. %



MAT 2637

Kerma total (eV-barns)  
Cross Section

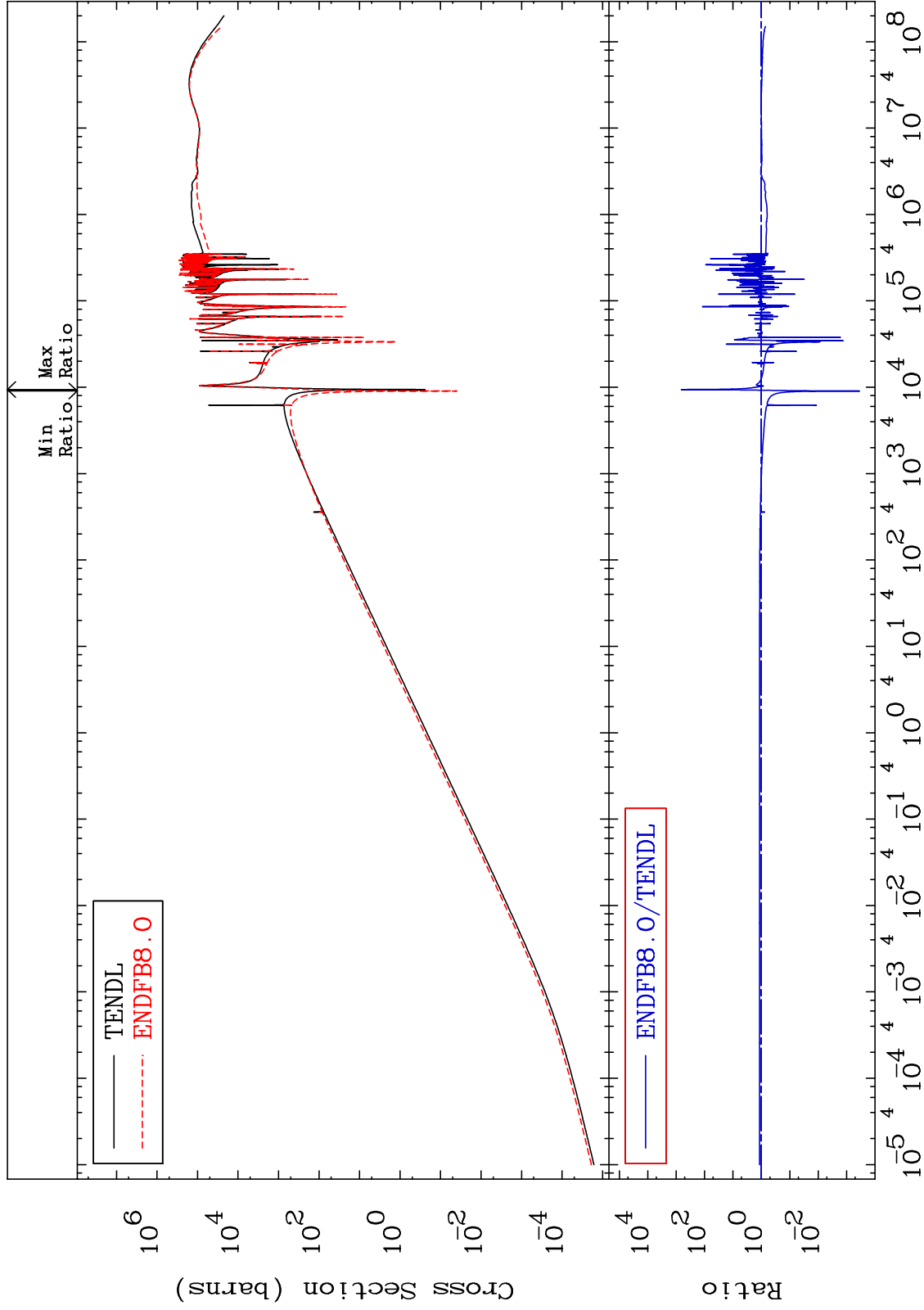
26-Fe-58  
-99.87 To 9999. %



MAT 2637

Kerma elastic  
Cross Section

26-Fe-58  
-99.97 To 9999. %



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Incident Energy (eV)

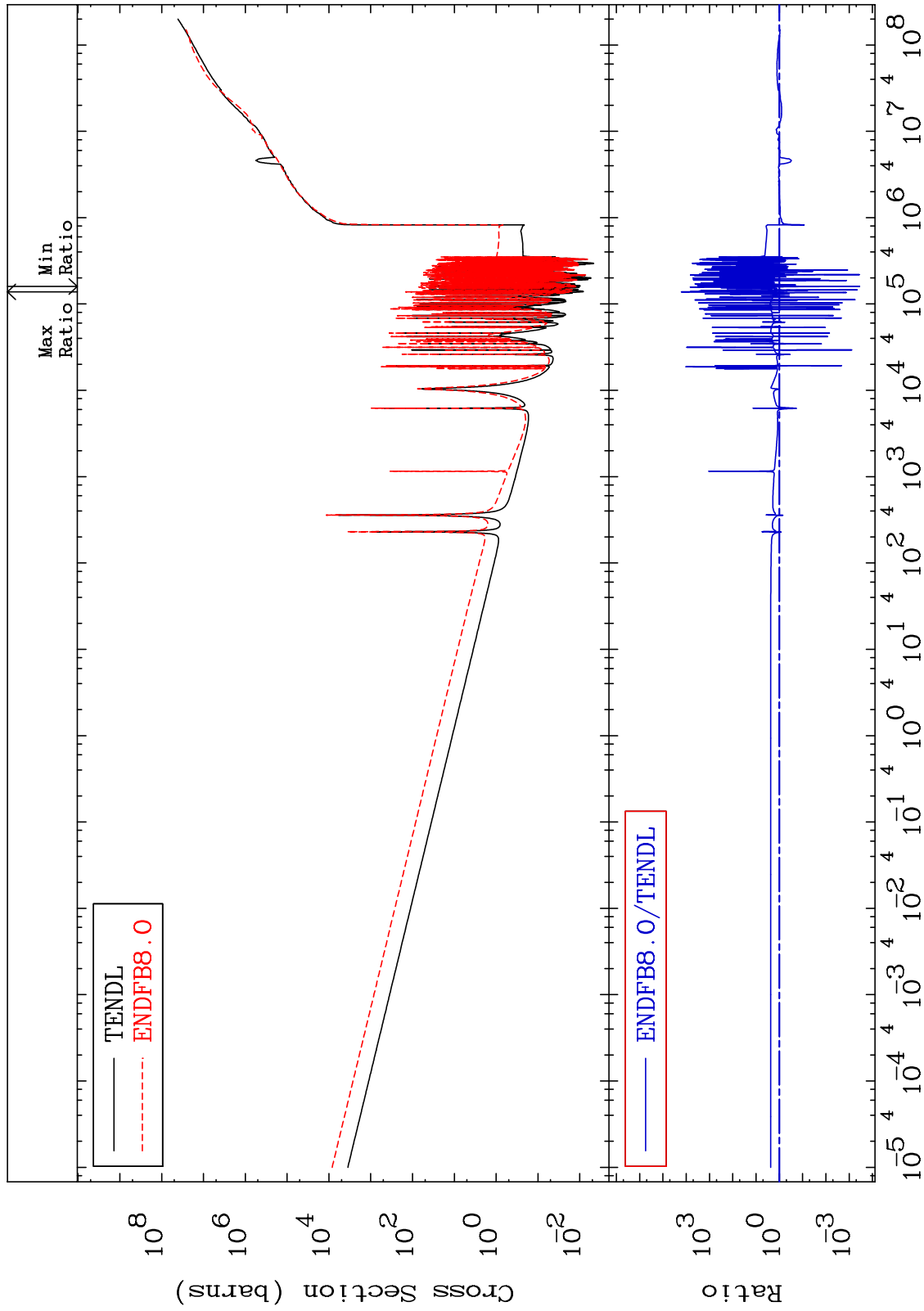
26-Fe-58



MAT 2637

Kerma non-elastic (all but mt2)  
Cross Section

26-Fe-58  
-99.97 To 9999. %



48

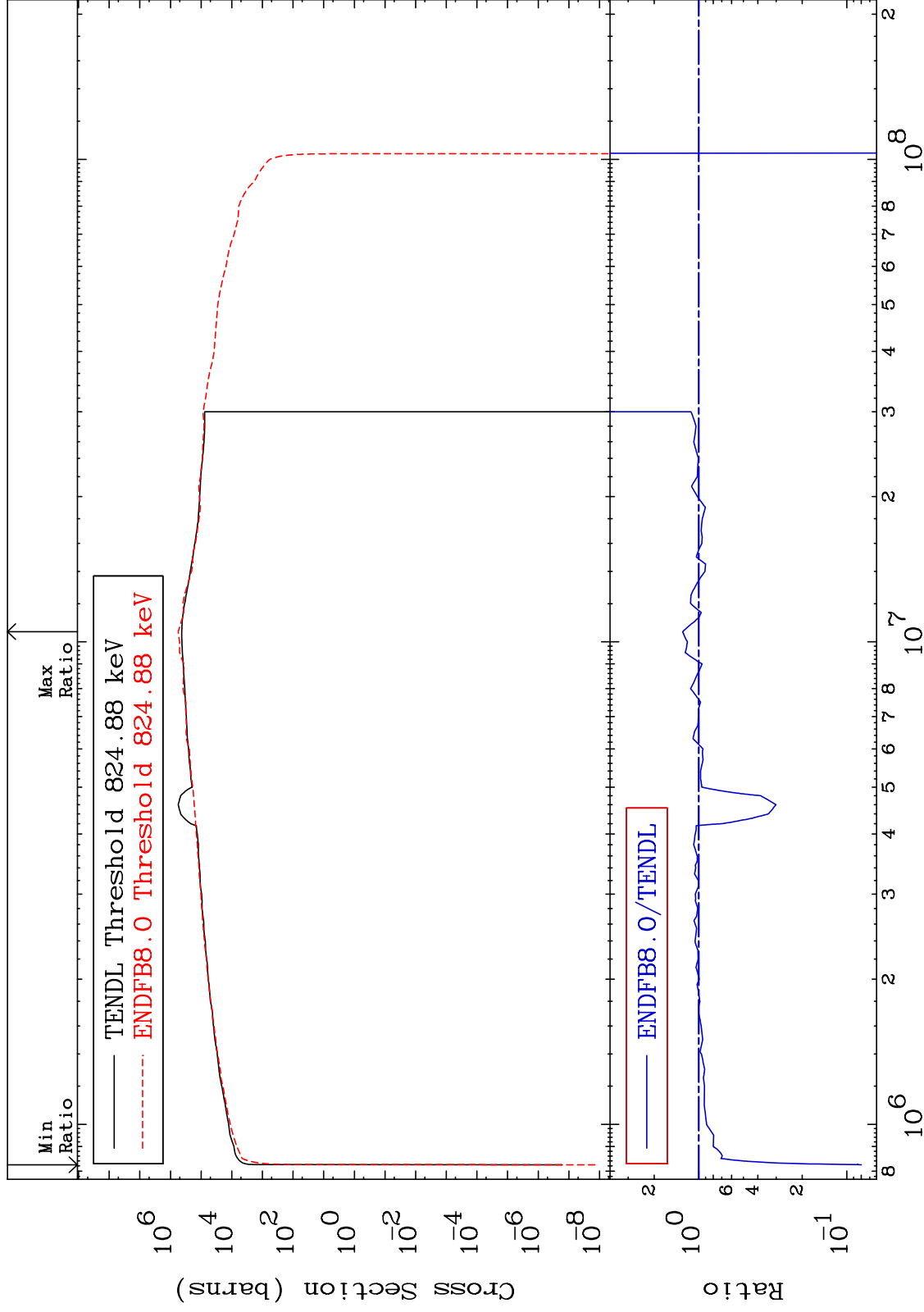
Incident Energy (eV)

26-Fe-58

MAT 2637

Kerma inelastic (mt51-91)  
Cross Section

26-Fe-58  
-92.01 To 28.96 %



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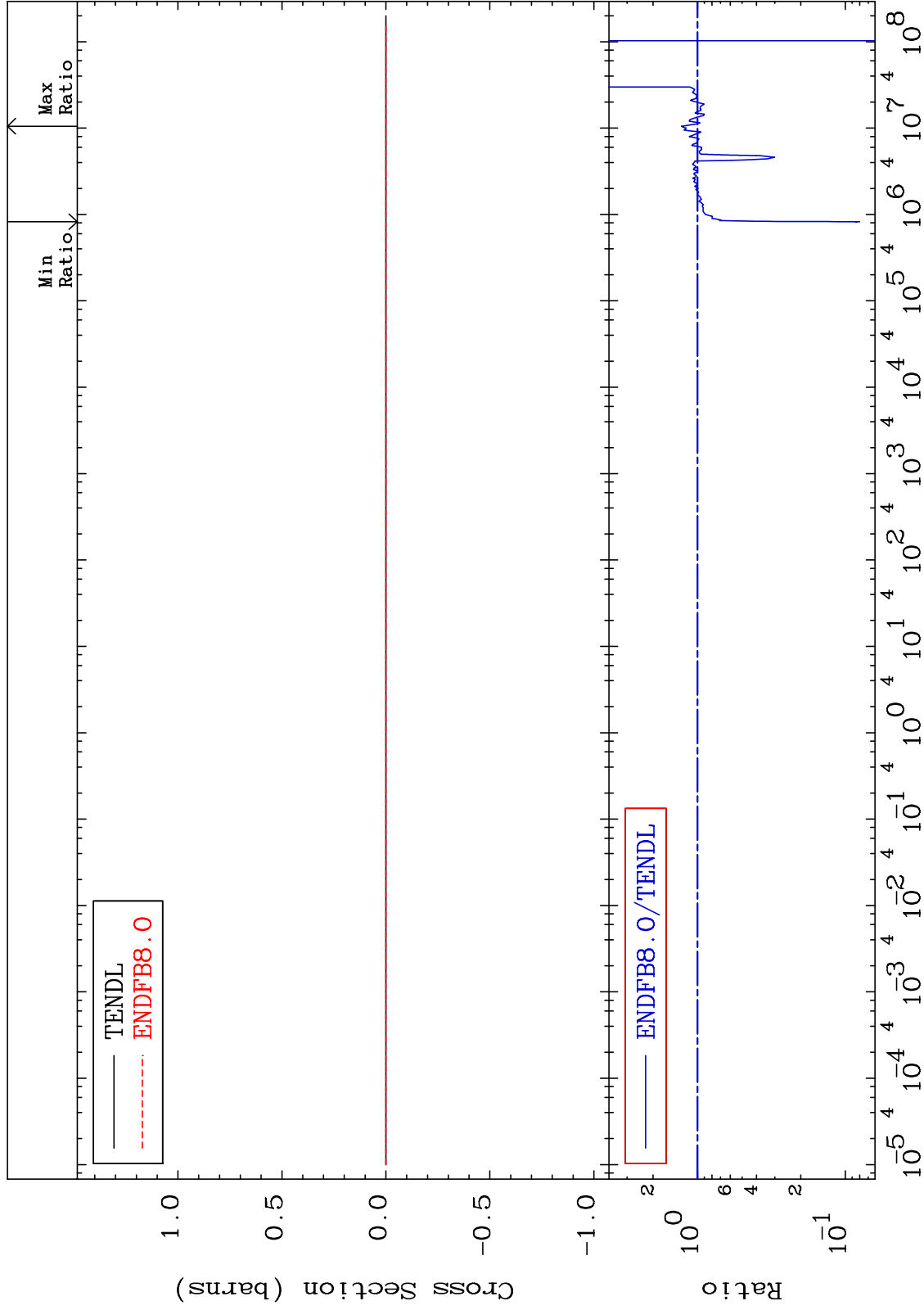
26-Fe-58

26-Fe-58

MAT 2637

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

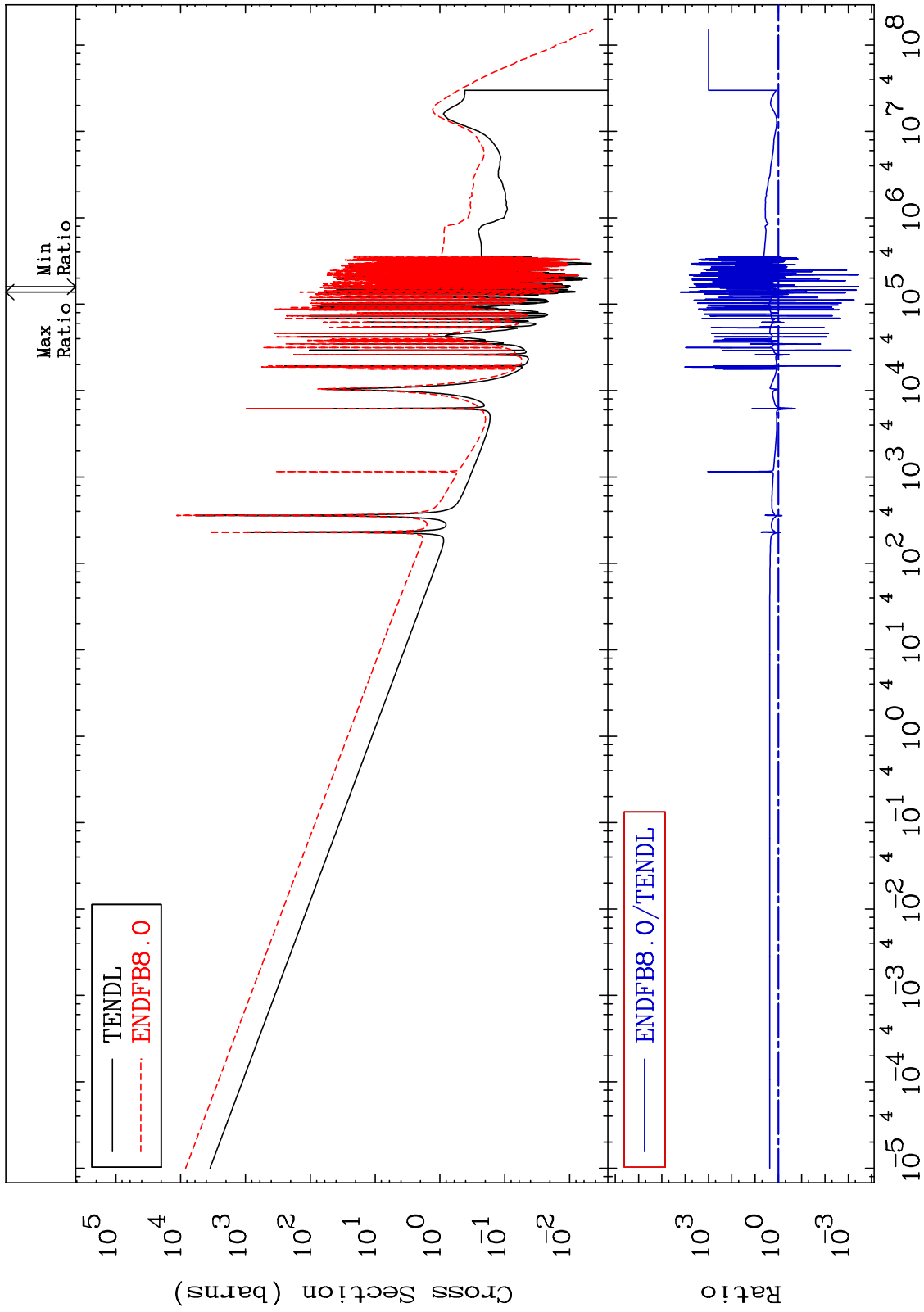
26-Fe-58  
-92.01 To 28.96 %



MAT 2637

Kerma capture (mt102)  
Cross Section

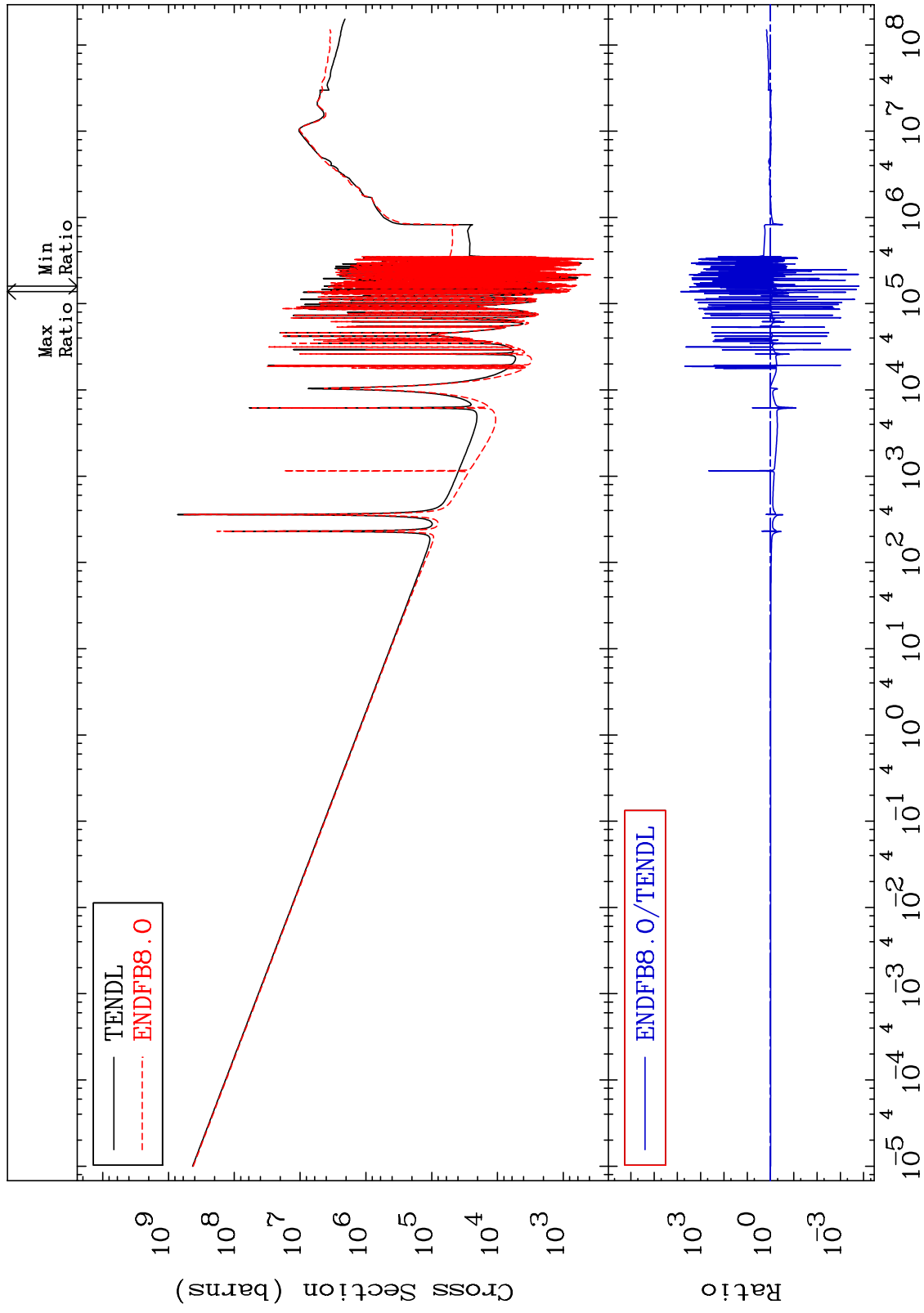
26-Fe-58  
-99.97 To 9999. %



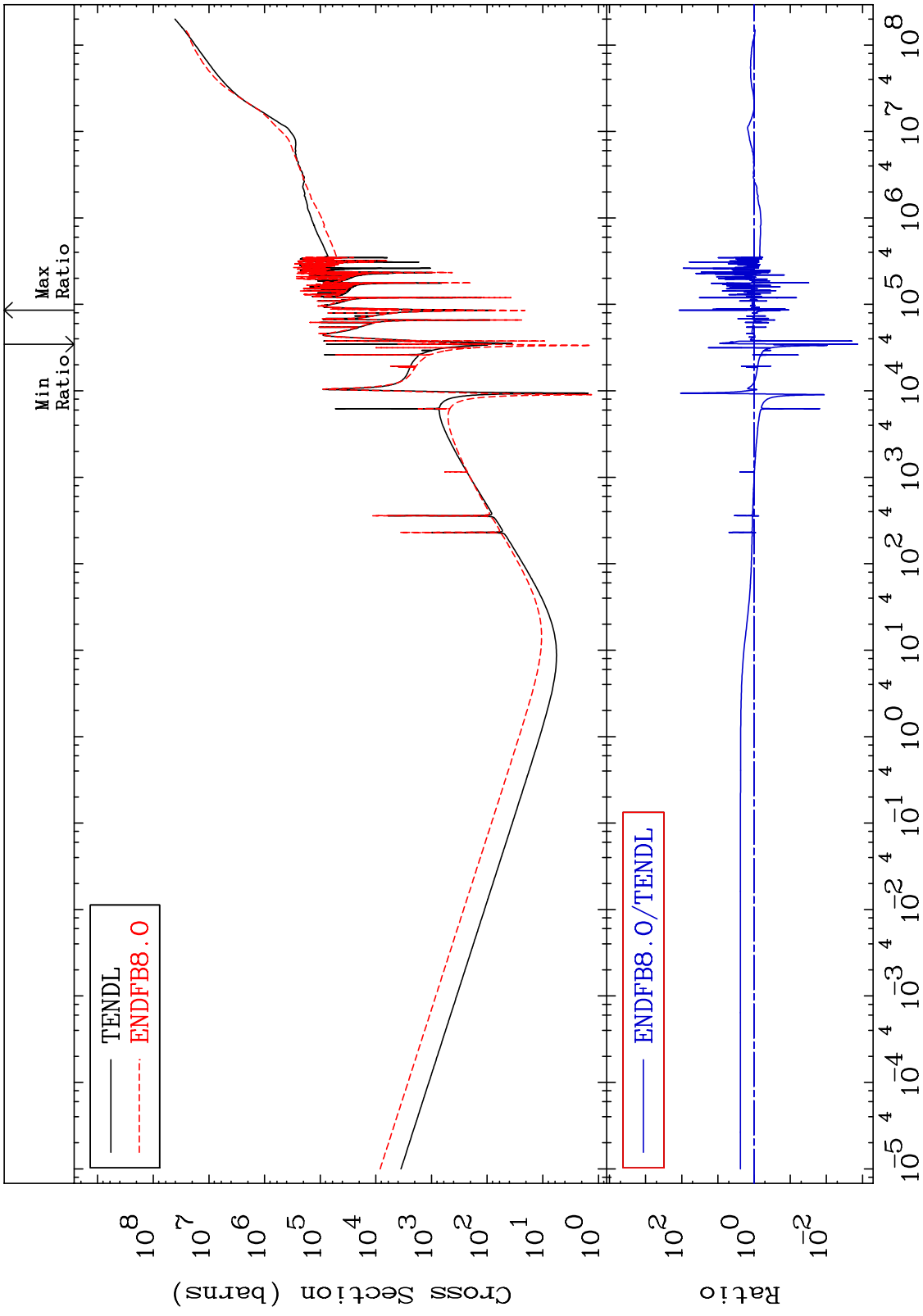
MAT 2637

Total photon (eV-barns)  
Cross Section

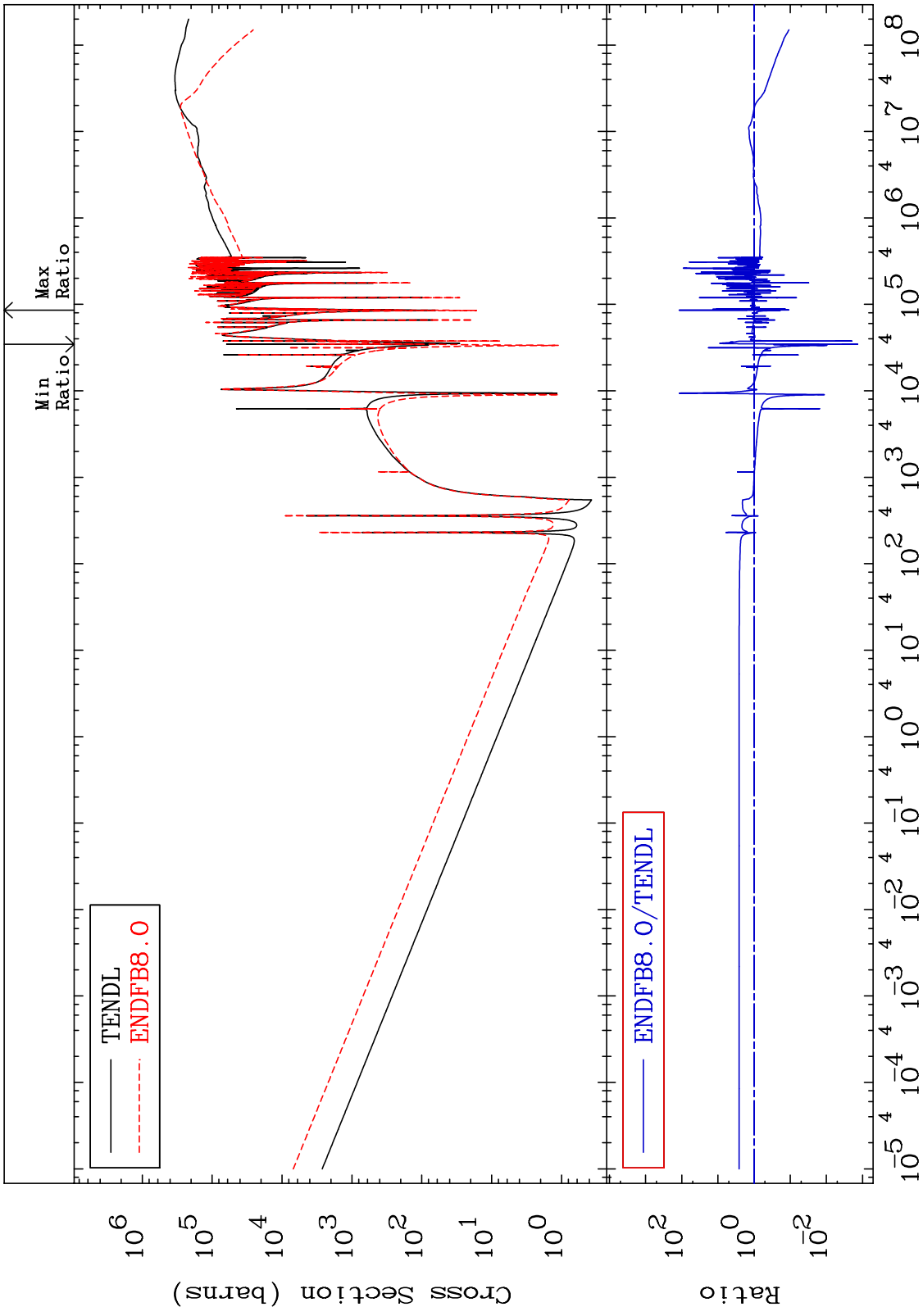
26-Fe-58  
-99.98 To 9999. %



MAT 2637 Total kinematic kerma (high limit) 26-Fe-58  
 Cross Section -99.87 To 9999. %



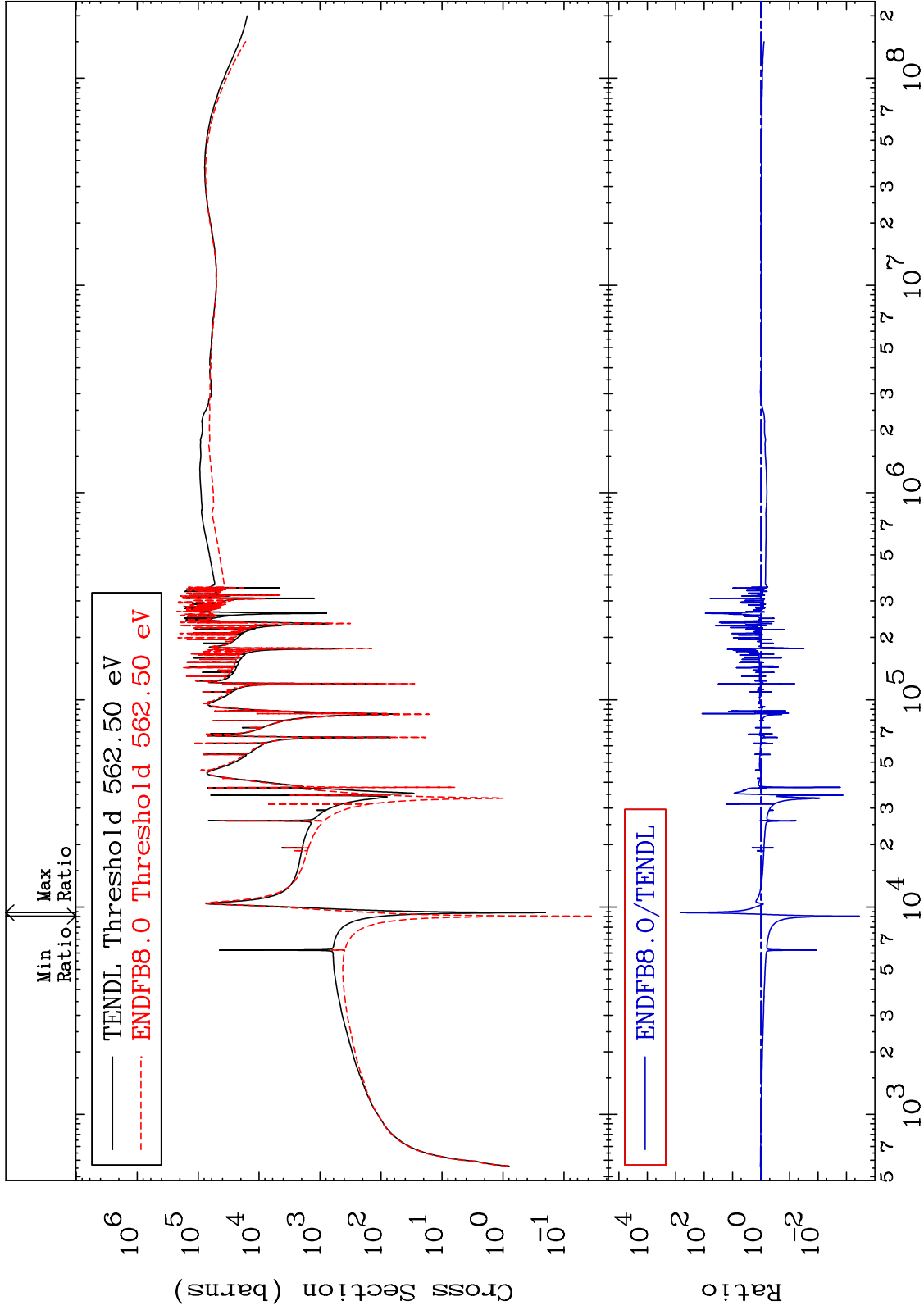
MAT 2637      Dpa total (eV-barns)      26-Fe-58  
 Cross Section      -99.87 To 9999. %



MAT 2637

Dpa elastic (mt2)  
Cross Section

26-Fe-58  
-99.97 To 9999. %



55

Incident Energy (eV)

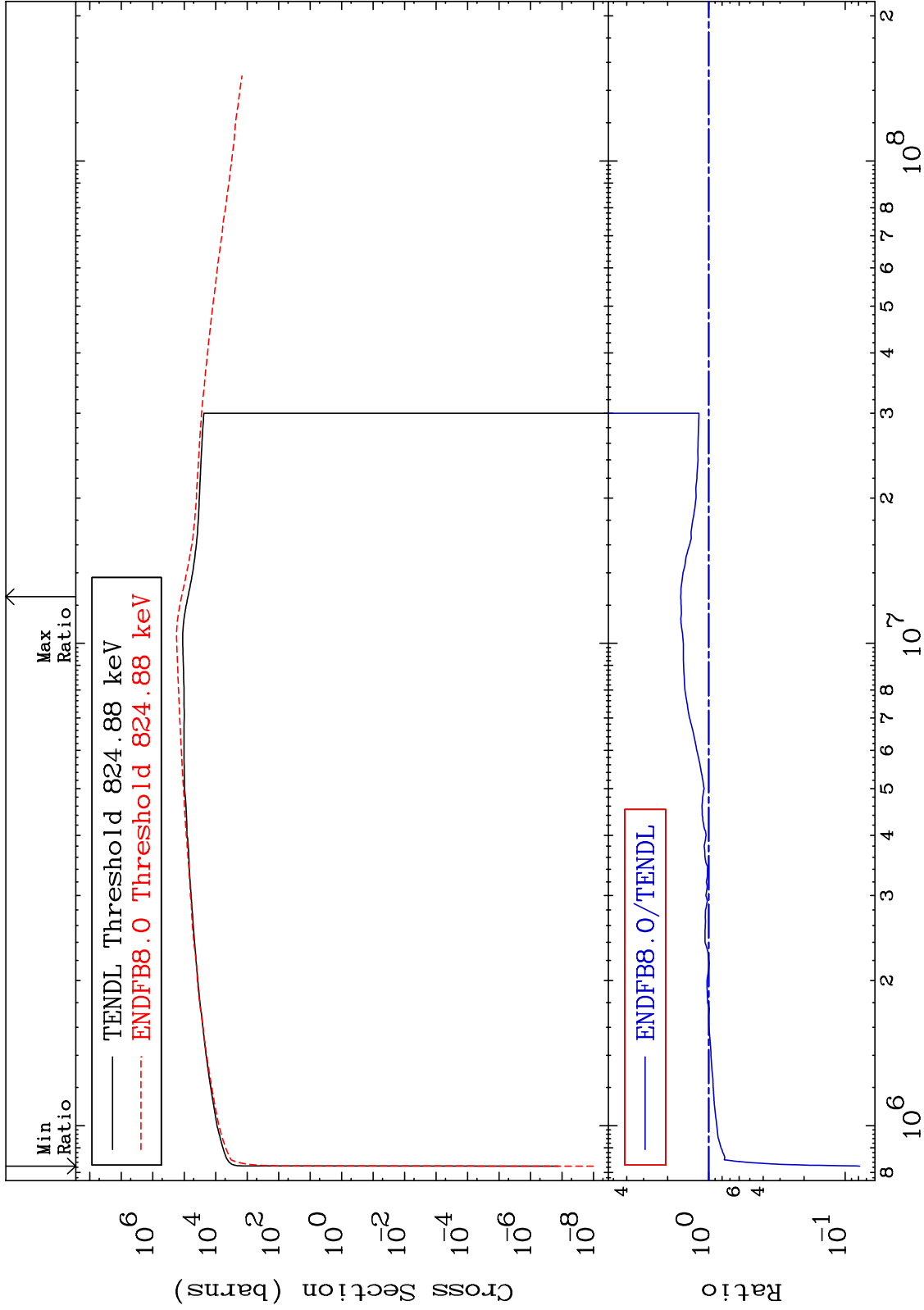
26-Fe-58



MAT 2637

Dpa inelastic (mt51-91)  
Cross Section

26-Fe-58  
-92.16 To 60.30 %



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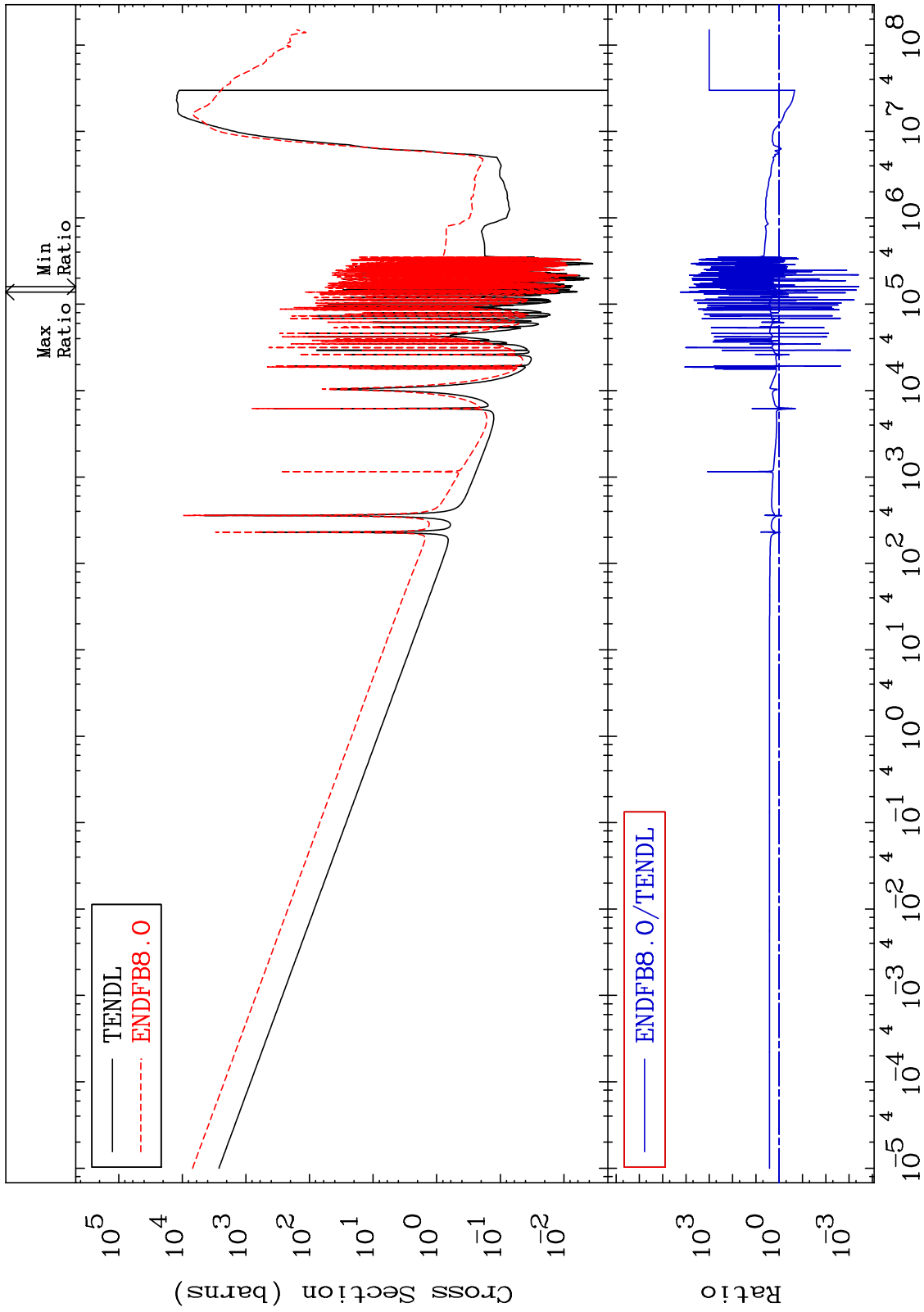
Incident Energy (eV)

26-Fe-58

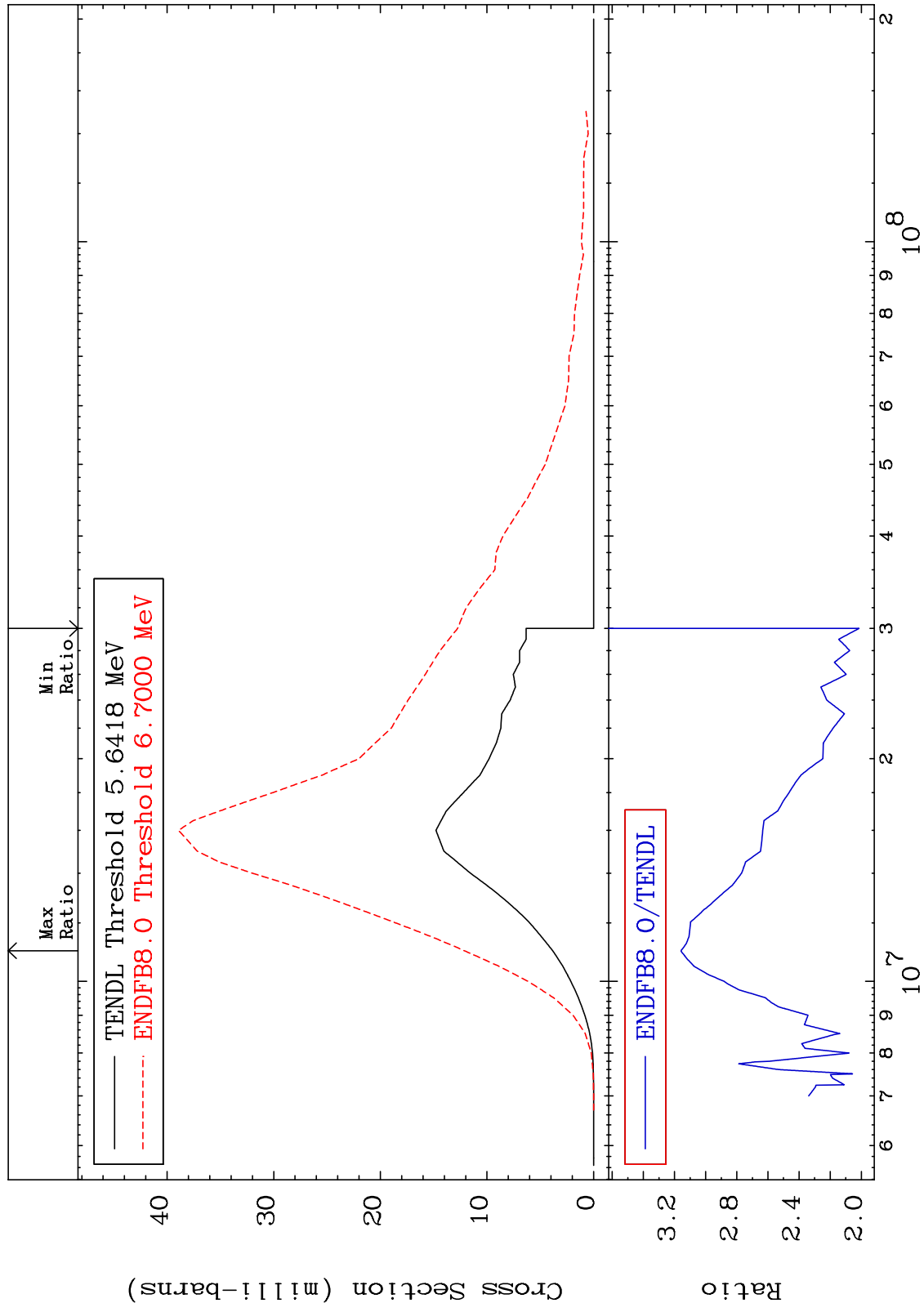
MAT 2637

Dpa disappearance (mt102 -120)  
Cross Section

26-Fe-58  
-99.96 To 9999. %



MAT 2637 (n,p):25-Mn-58g 26-Fe-58  
Radionuclide Production Cross Section 101.5 To 215.9 %



58 26-Fe-58

MAT 2637 (n,p):25-Mn-58m1 26-Fe-58  
 Radionuclide Production Cross Section -100.0 To 177.2 %

