

Program Complot  
(Version 2018-1)

by

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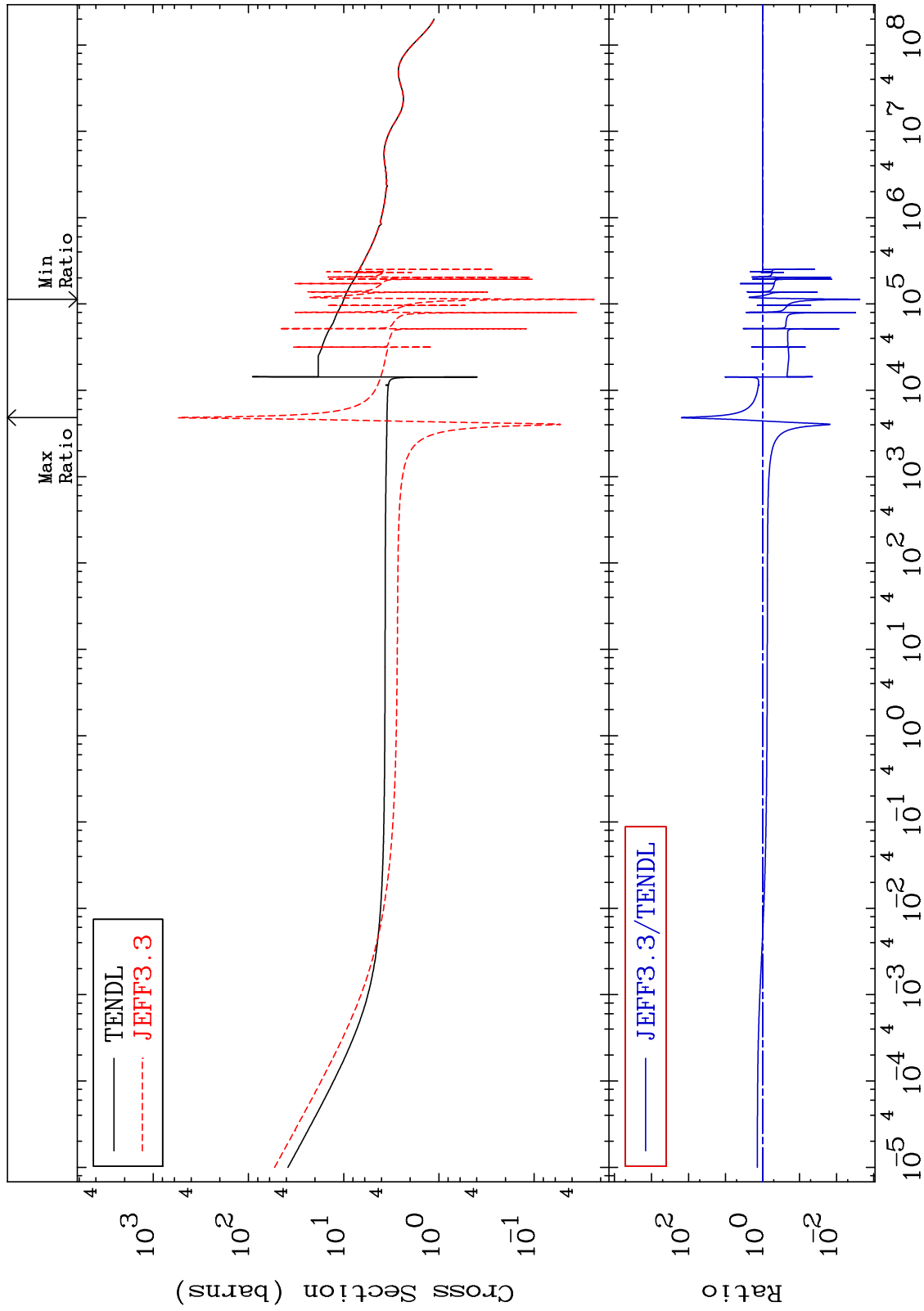
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 2643

Total  
Cross Section

26-Fe-60  
-99.76 To 9999. %



1

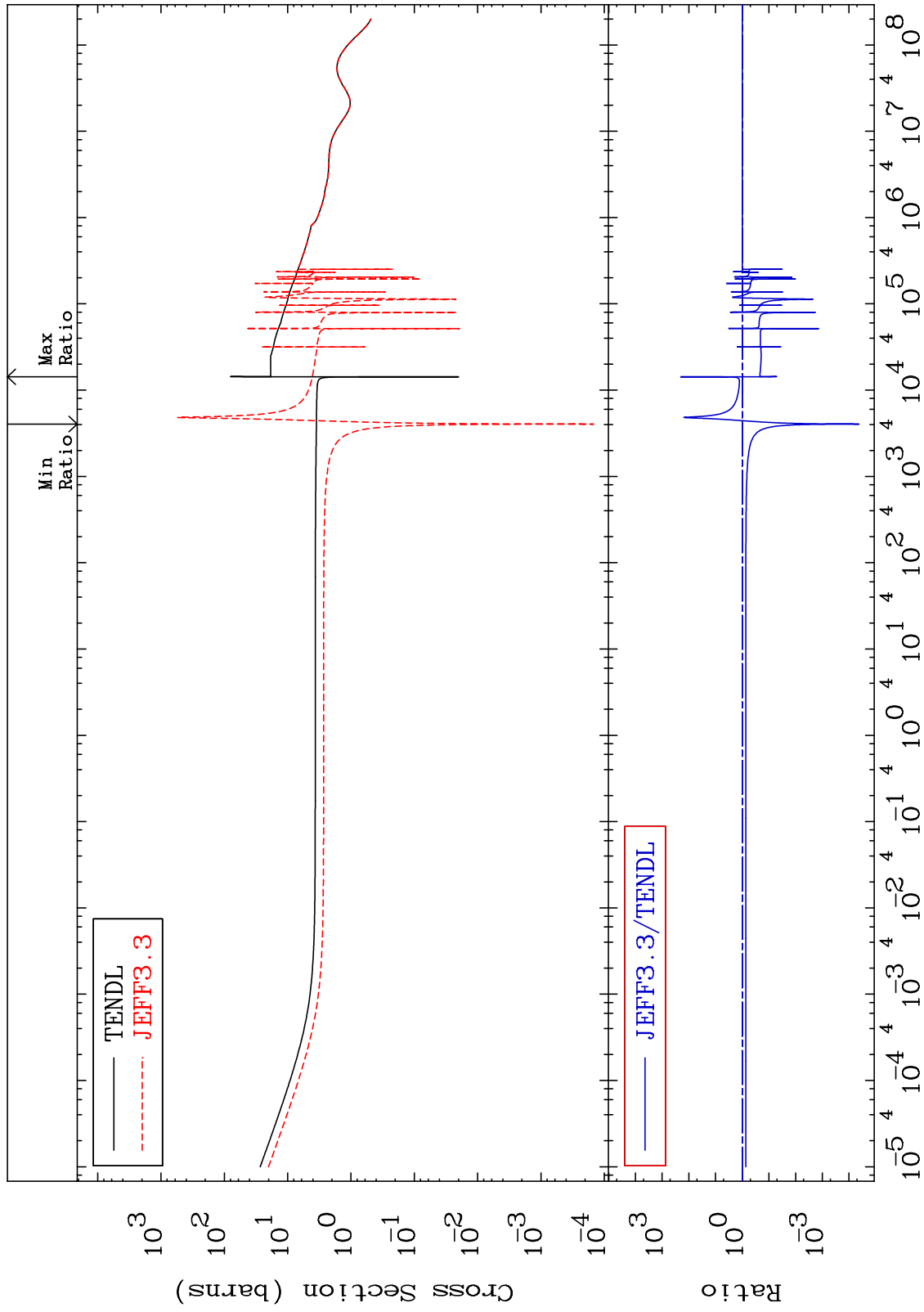
Incident Energy (eV)

26-Fe-60

MAT 2643

Elastic  
Cross Section

26-Fe-60  
-100.0 To 9999. %

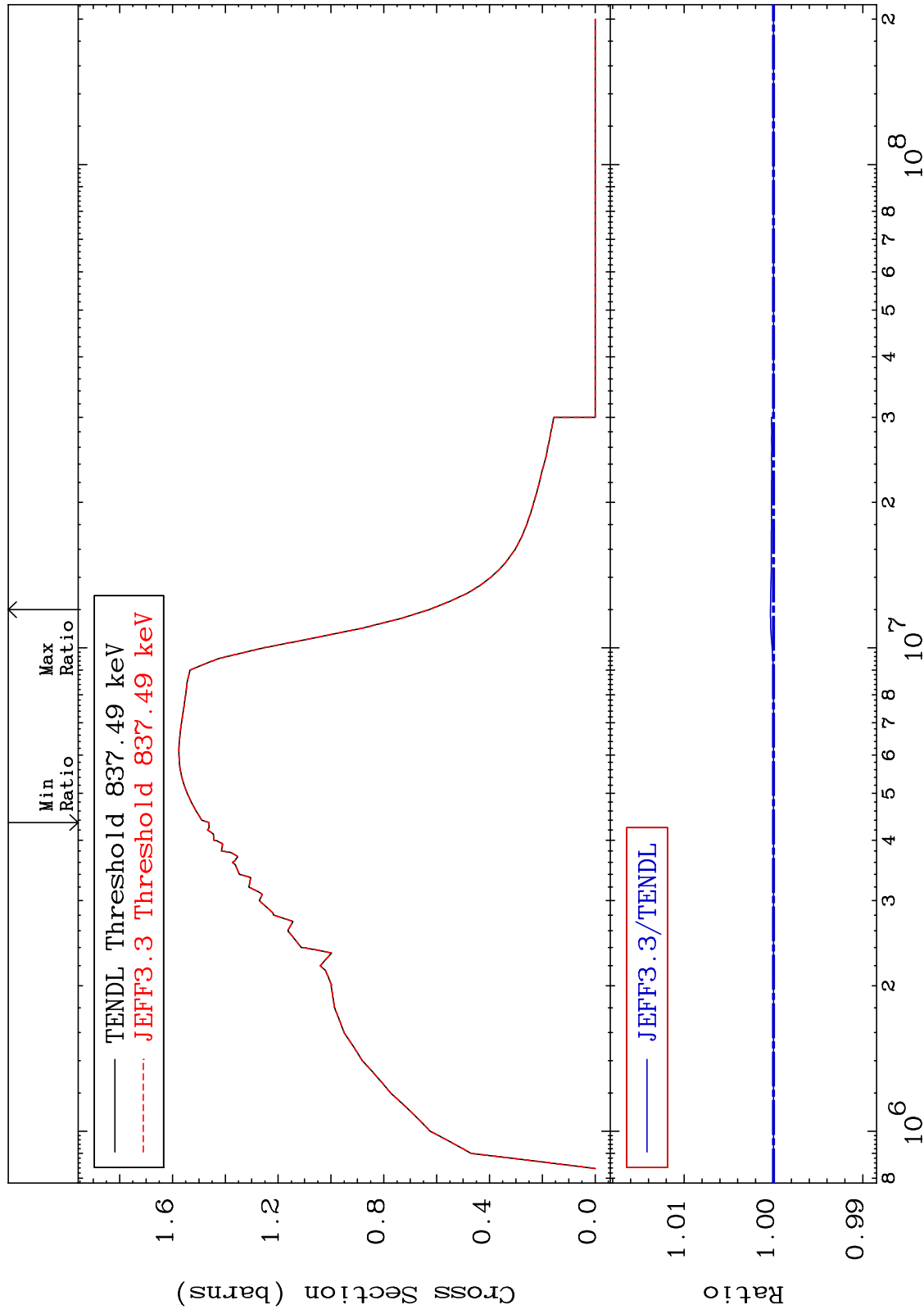


MAT 2643

Inelastic  
Cross Section

<sup>26</sup>Fe-60

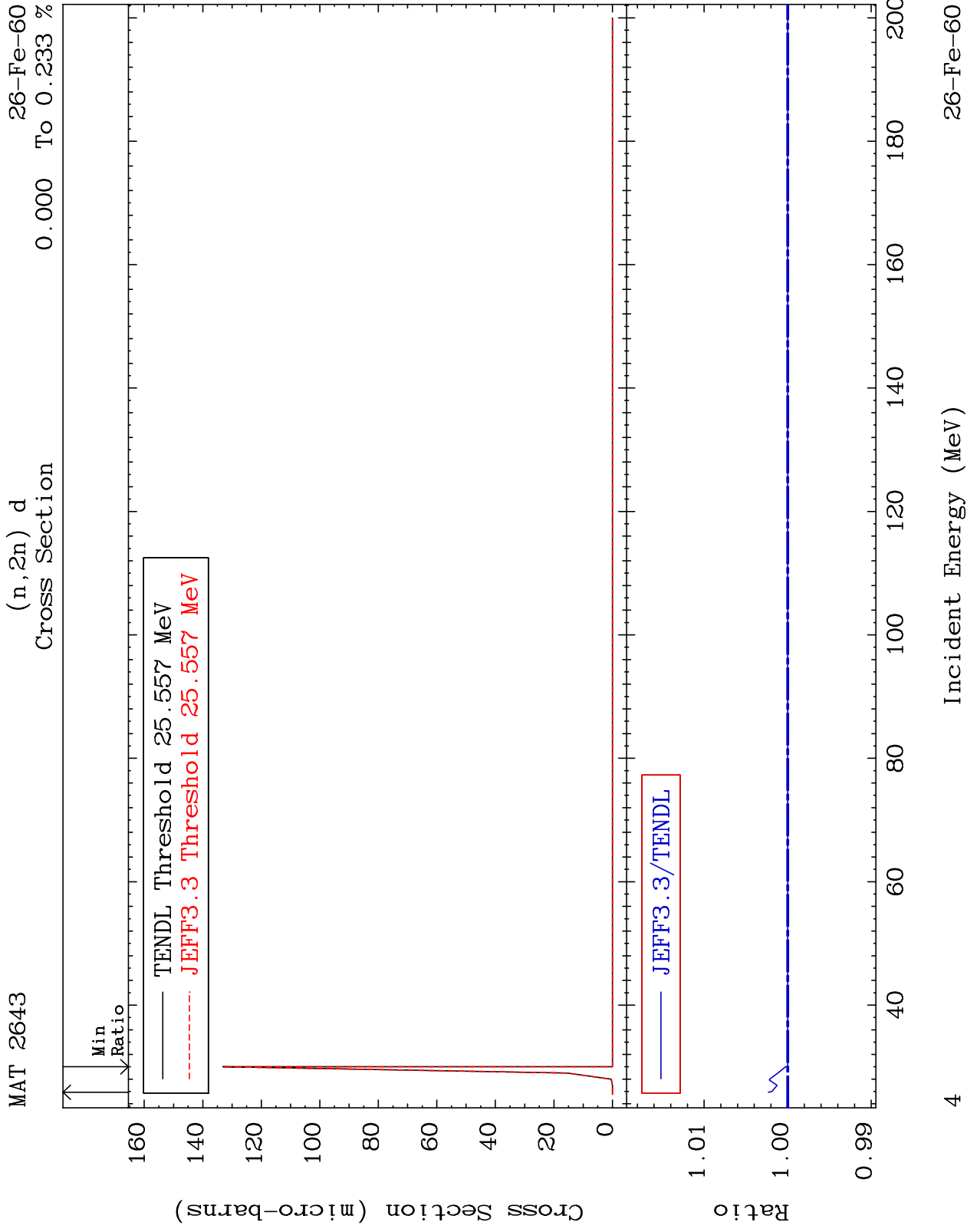
-0.001 To 0.034 %



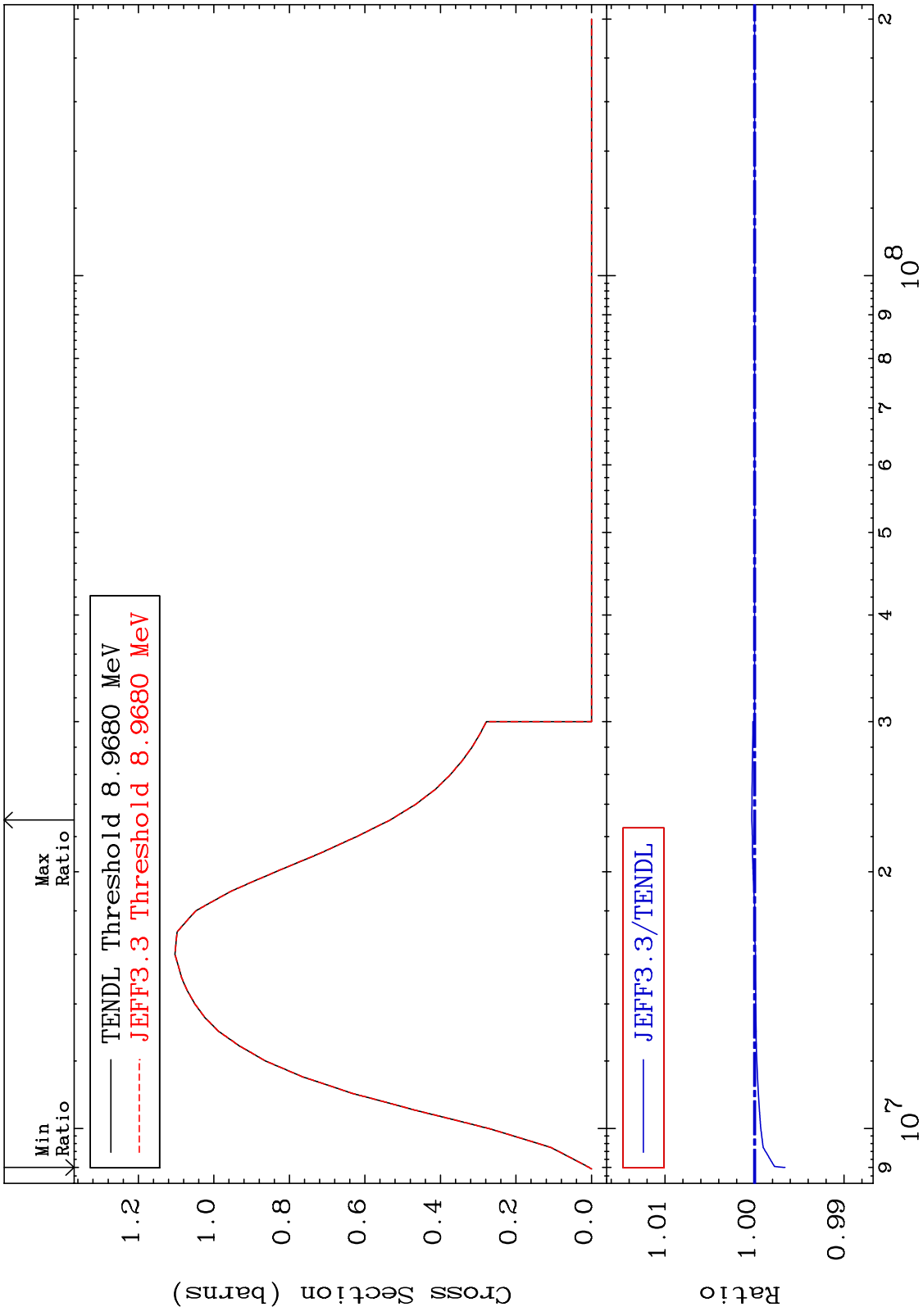
3

Incident Energy (eV)

<sup>26</sup>Fe-60

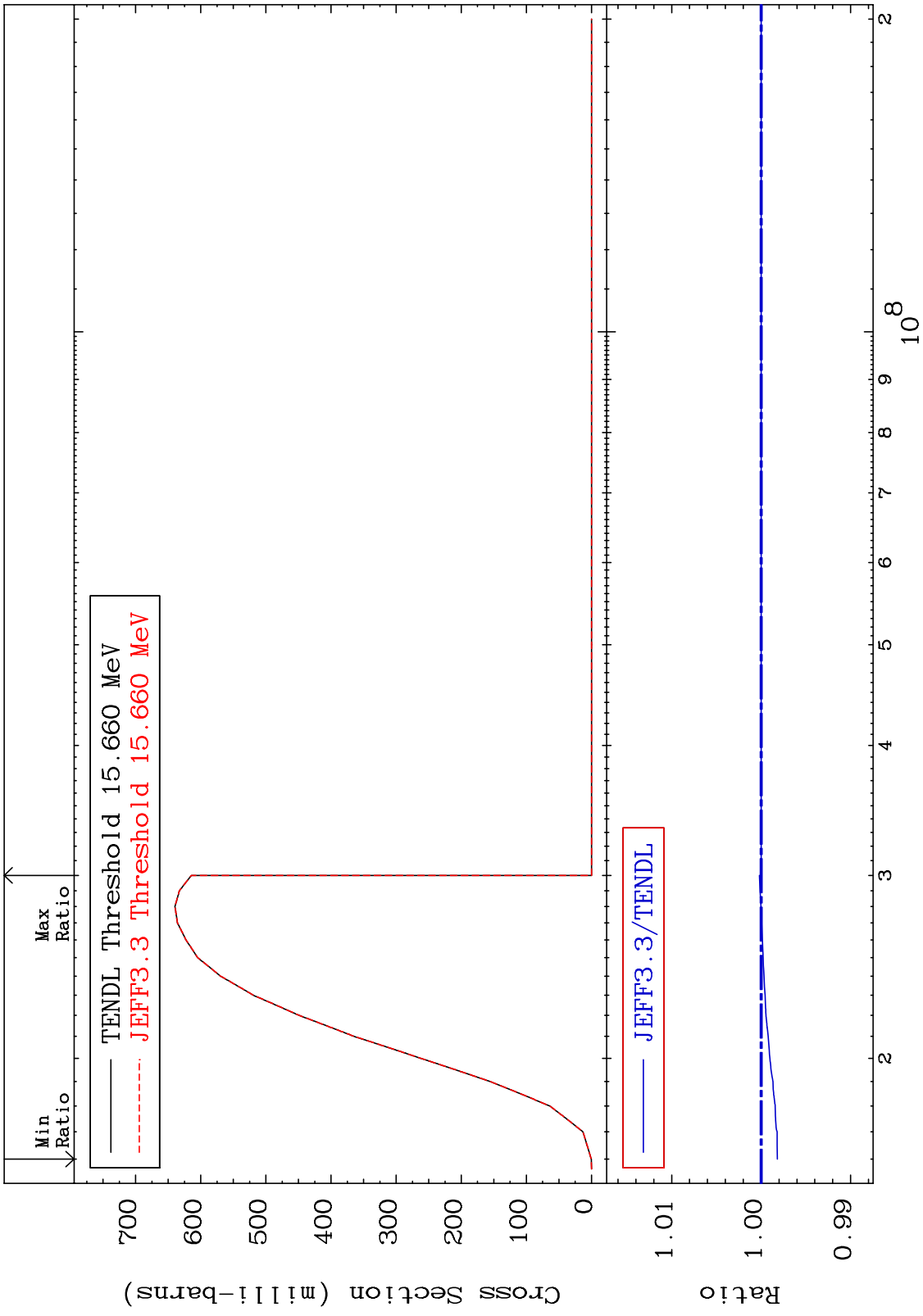


MAT 2643  $(n,2n)$  Cross Section  $^{26}\text{Fe-60}$   $-0.341$  To  $0.031$  %

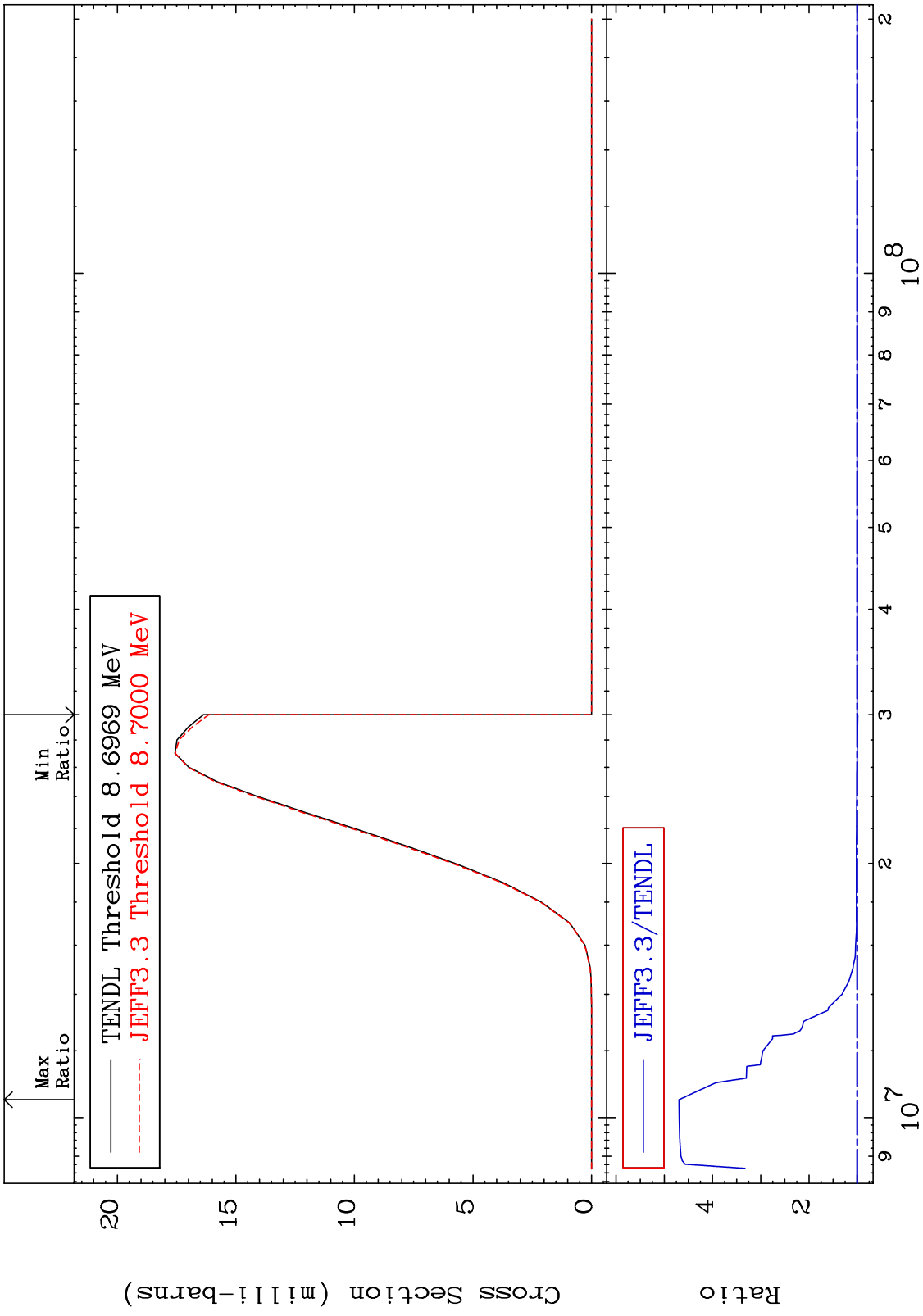


5  $10^7$  2 3 4 5 6 7 8 9  $10^8$  2  $^{26}\text{Fe-60}$

MAT 2643  $(n, 3n)$  Cross Section  $^{26}\text{Fe-60}$   $-0.182$  To  $0.019\%$



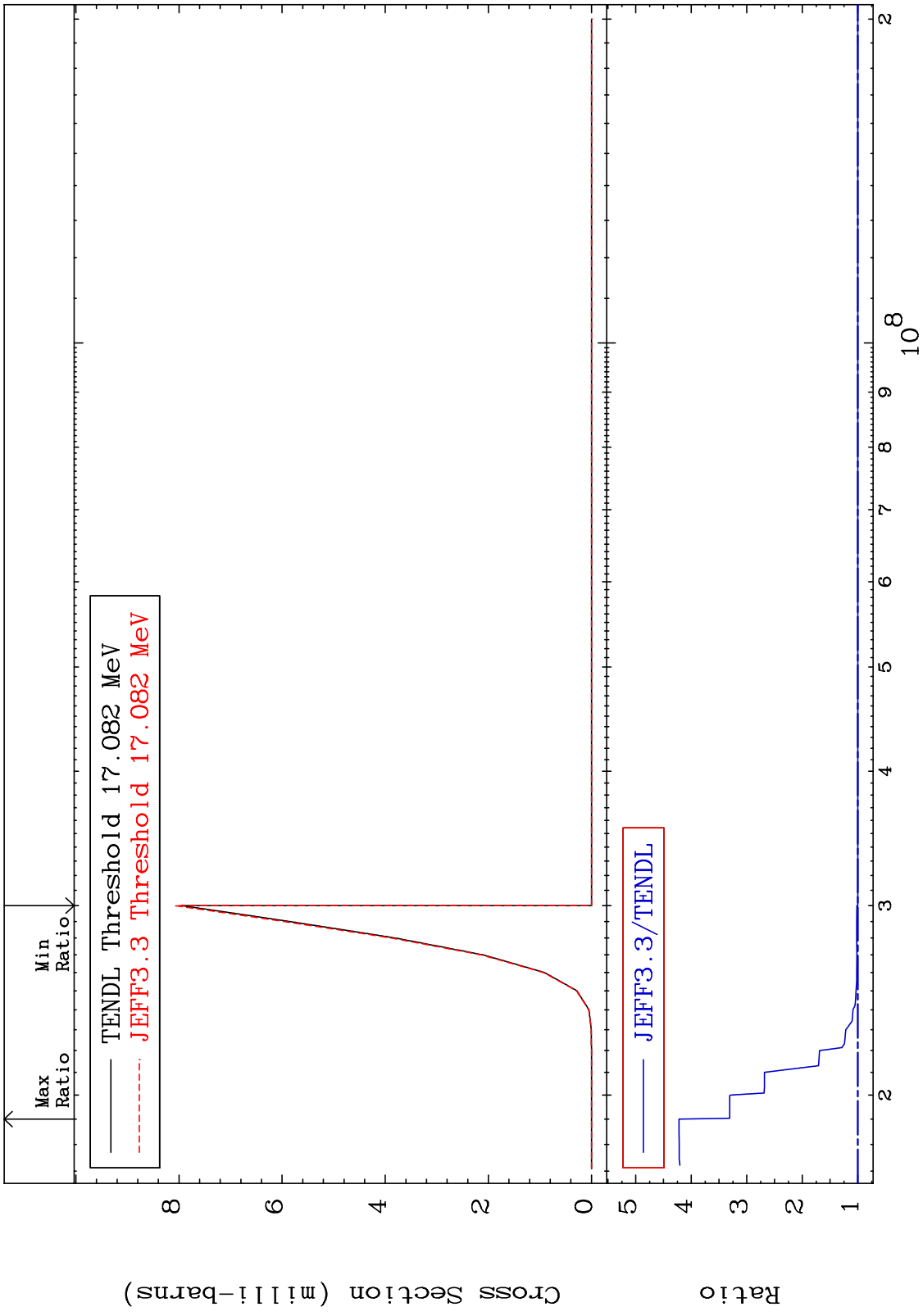
MAT 2643  $(n, n') \alpha$  Cross Section  $^{26}\text{Fe-60}$   
 -1.376 To 369.4 %



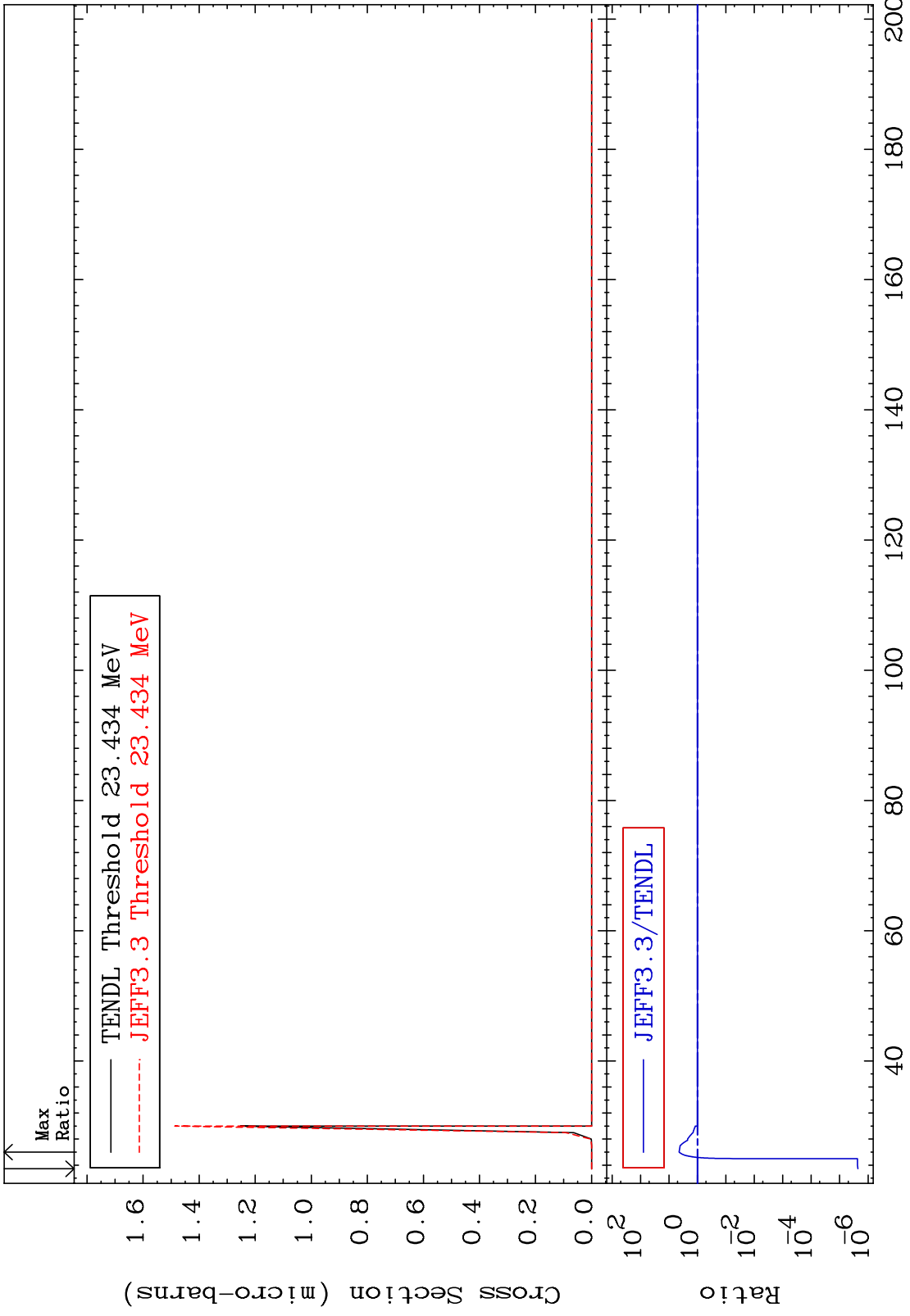
$^{26}\text{Fe-60}$



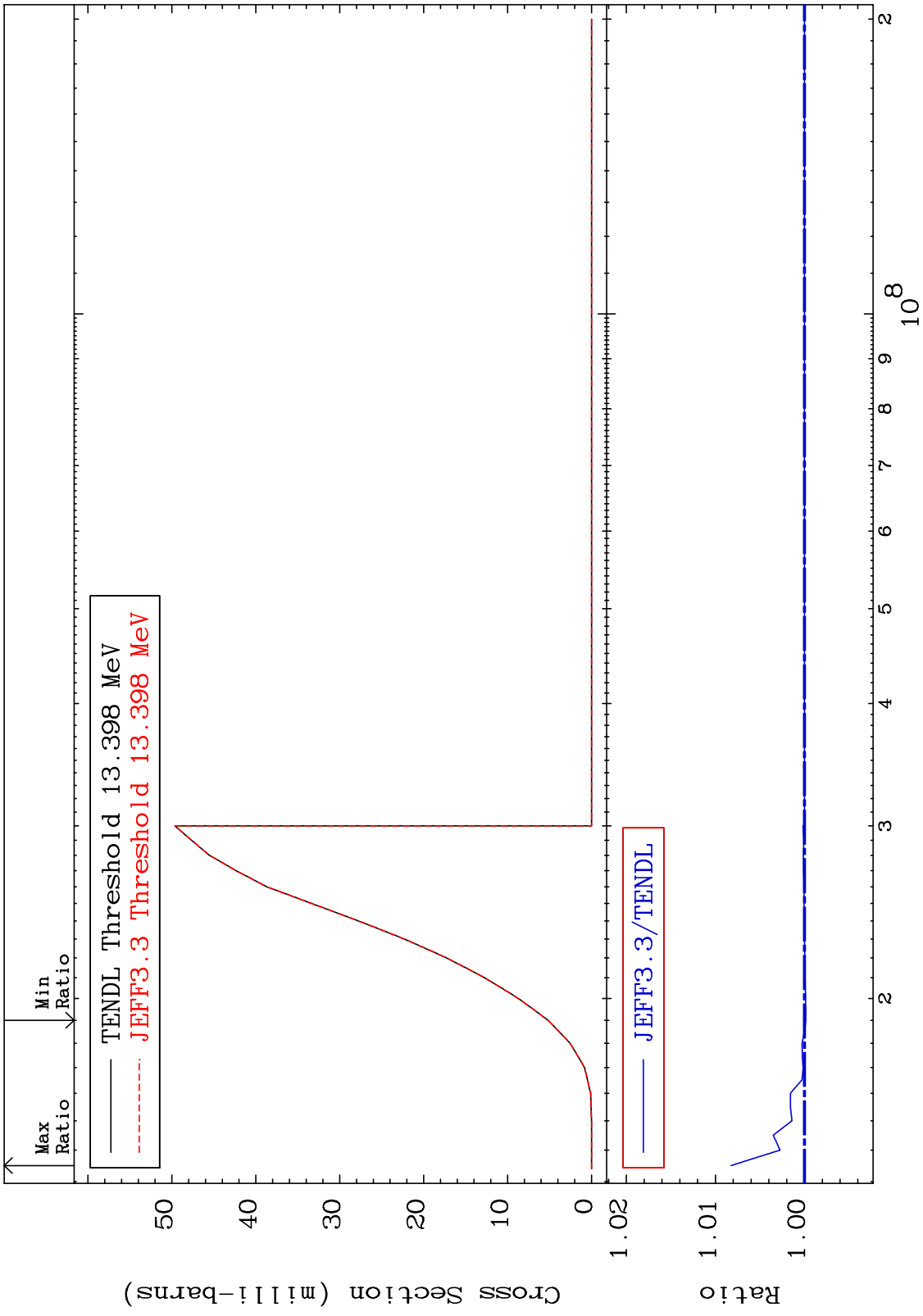
MAT 2643 (n,2n)  $\alpha$  26-Fe-60  
Cross Section 0.000 To 321.9 %



MAT 2643 (n,3n)  $\alpha$  26-Fe-60  
Cross Section -100.0 To 339.5 %

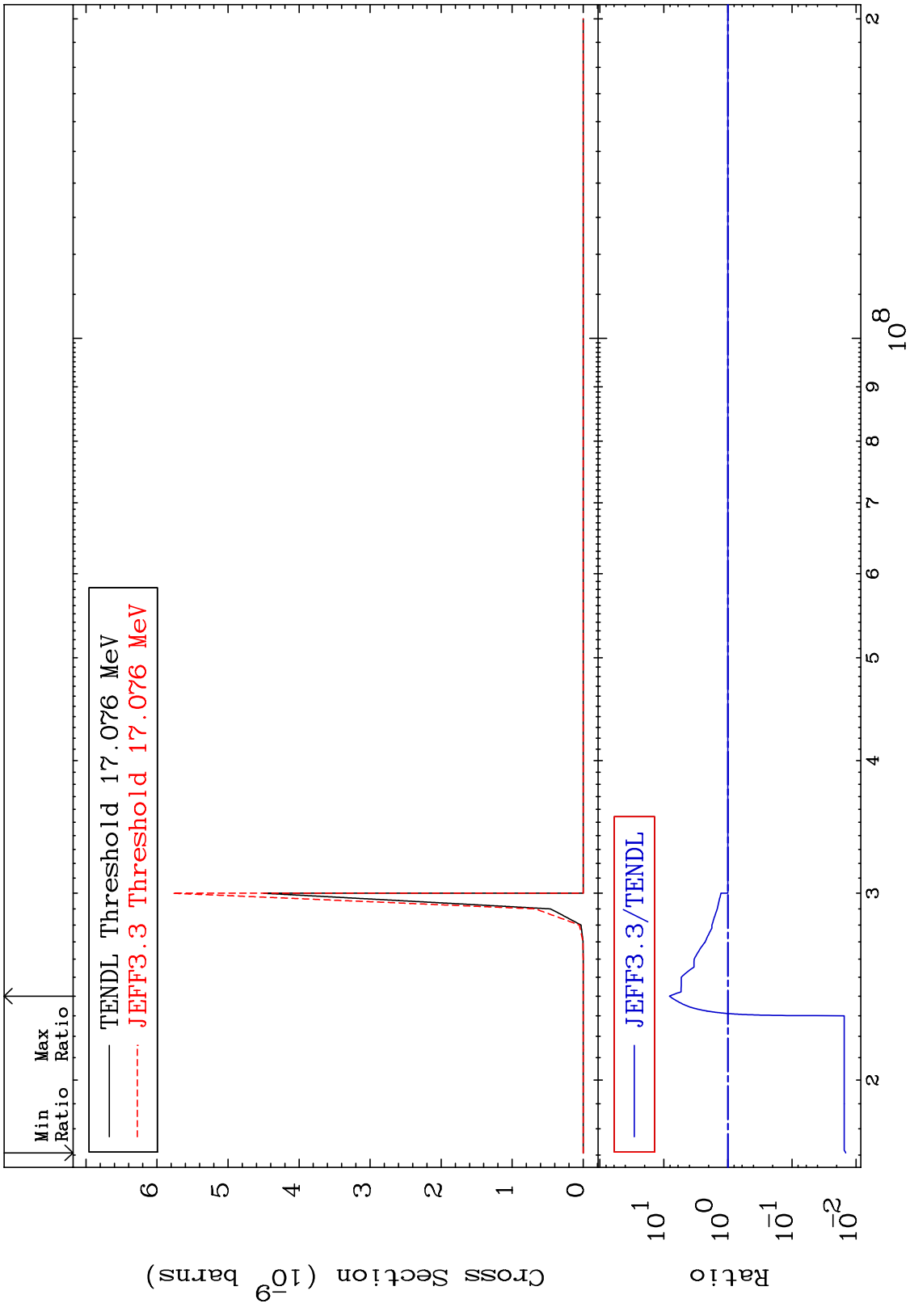


MAT 2643 (n,n') p 26-Fe-60  
 Cross Section -0.015 To 0.824 %

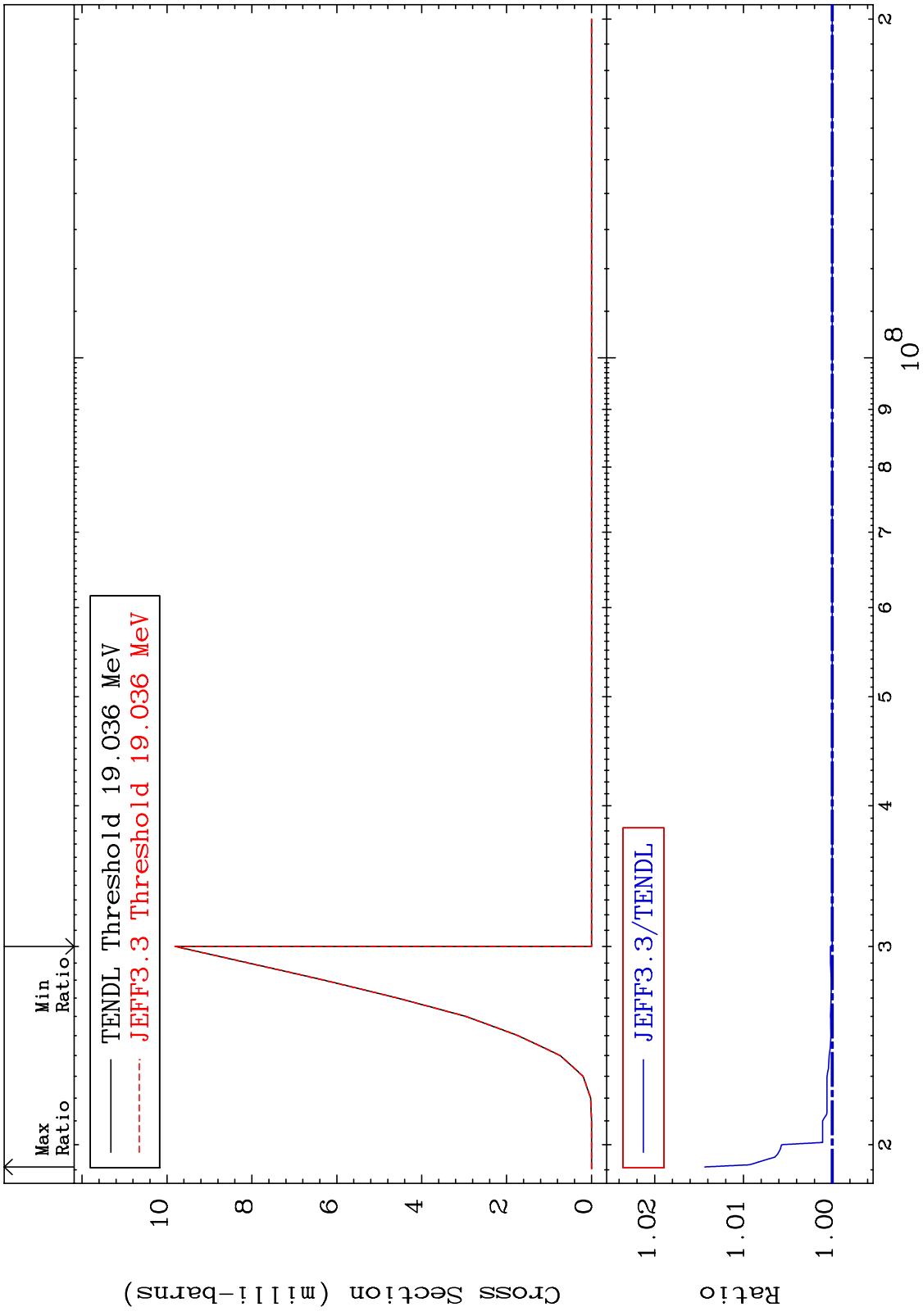


10 Incident Energy (eV) 26-Fe-60

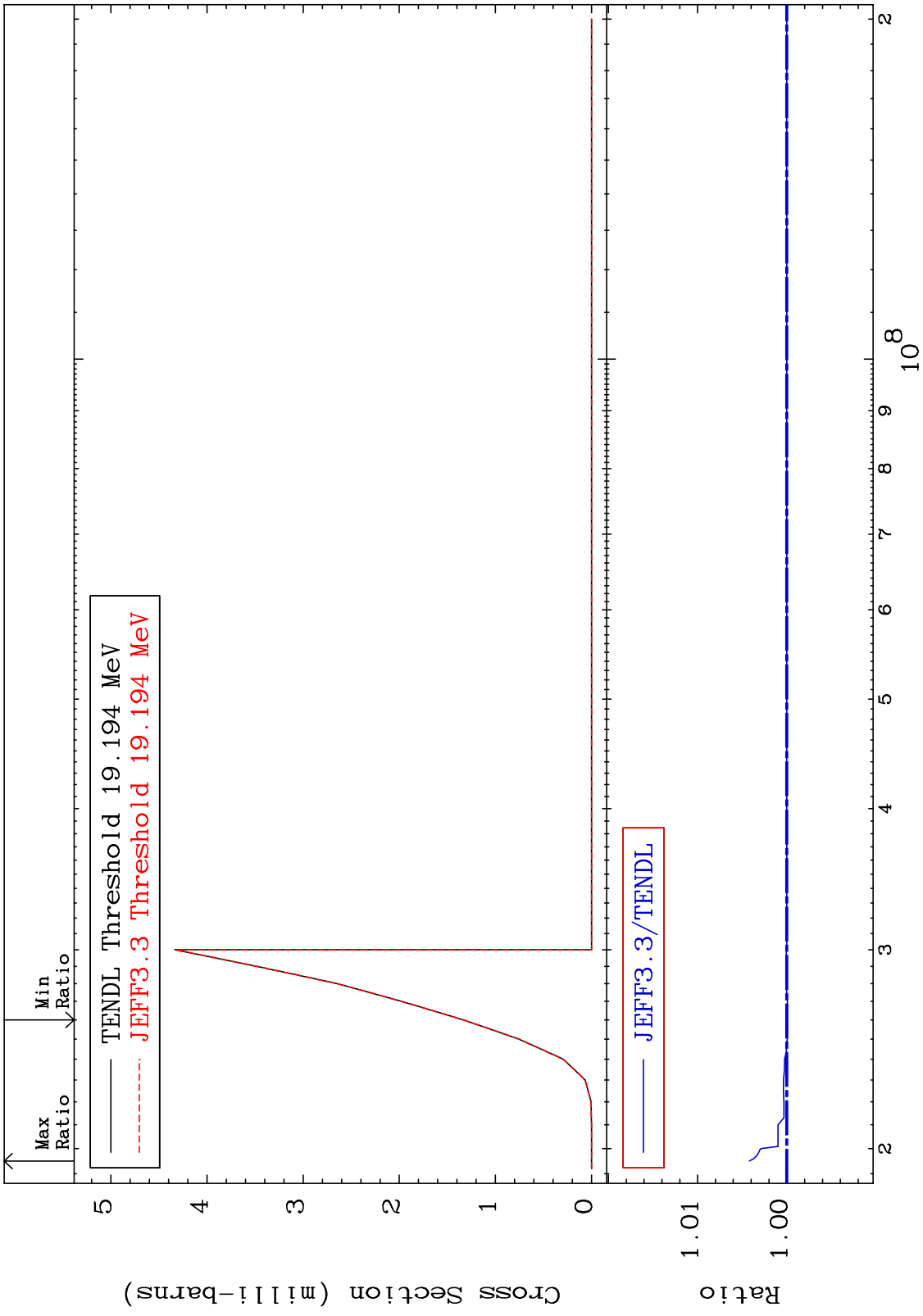
MAT 2643 (n,n') 2α Cross Section 26-Fe-60 -98.55 To 717.6 %



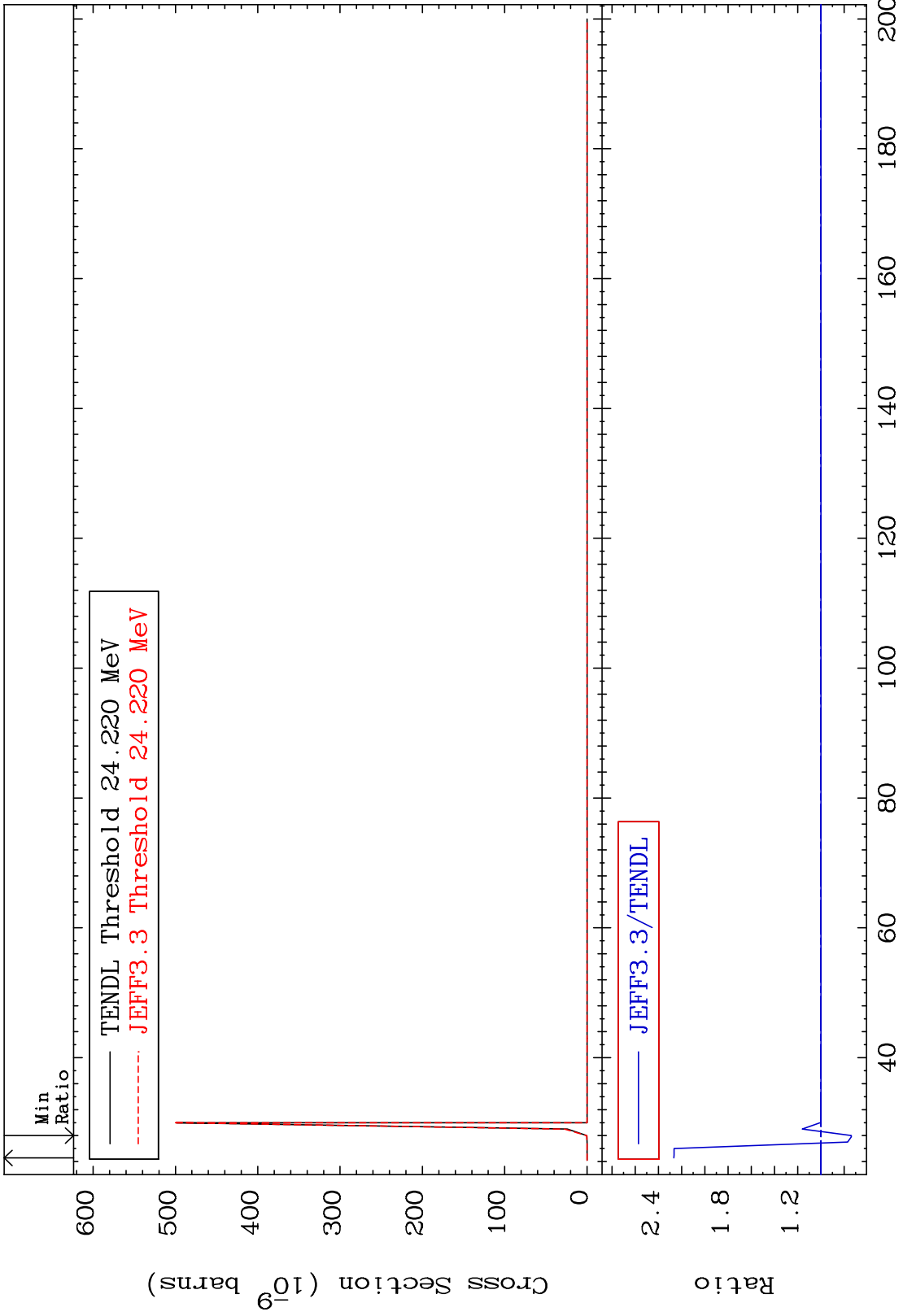
MAT 2643 (n,n') d 26-Fe-60  
 Cross Section 0.000 To 1.436 %



MAT 2643 (n,n') t 26-Fe-60  
 Cross Section -0.007 To 0.419 %



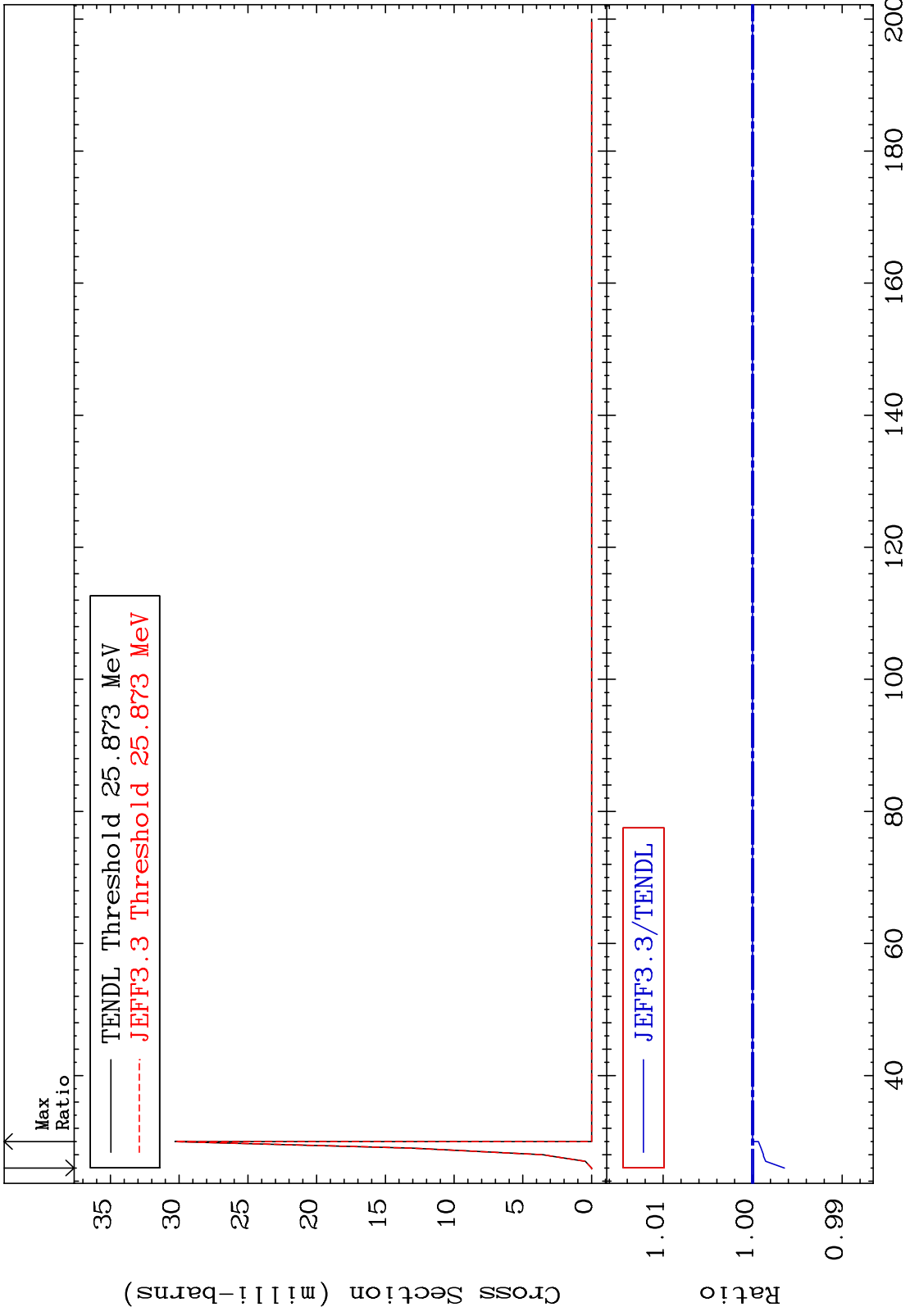
MAT 2643 (n,n') He-3  
Cross Section 26-Fe-60  
-26.30 To 126.6 %



26-Fe-60

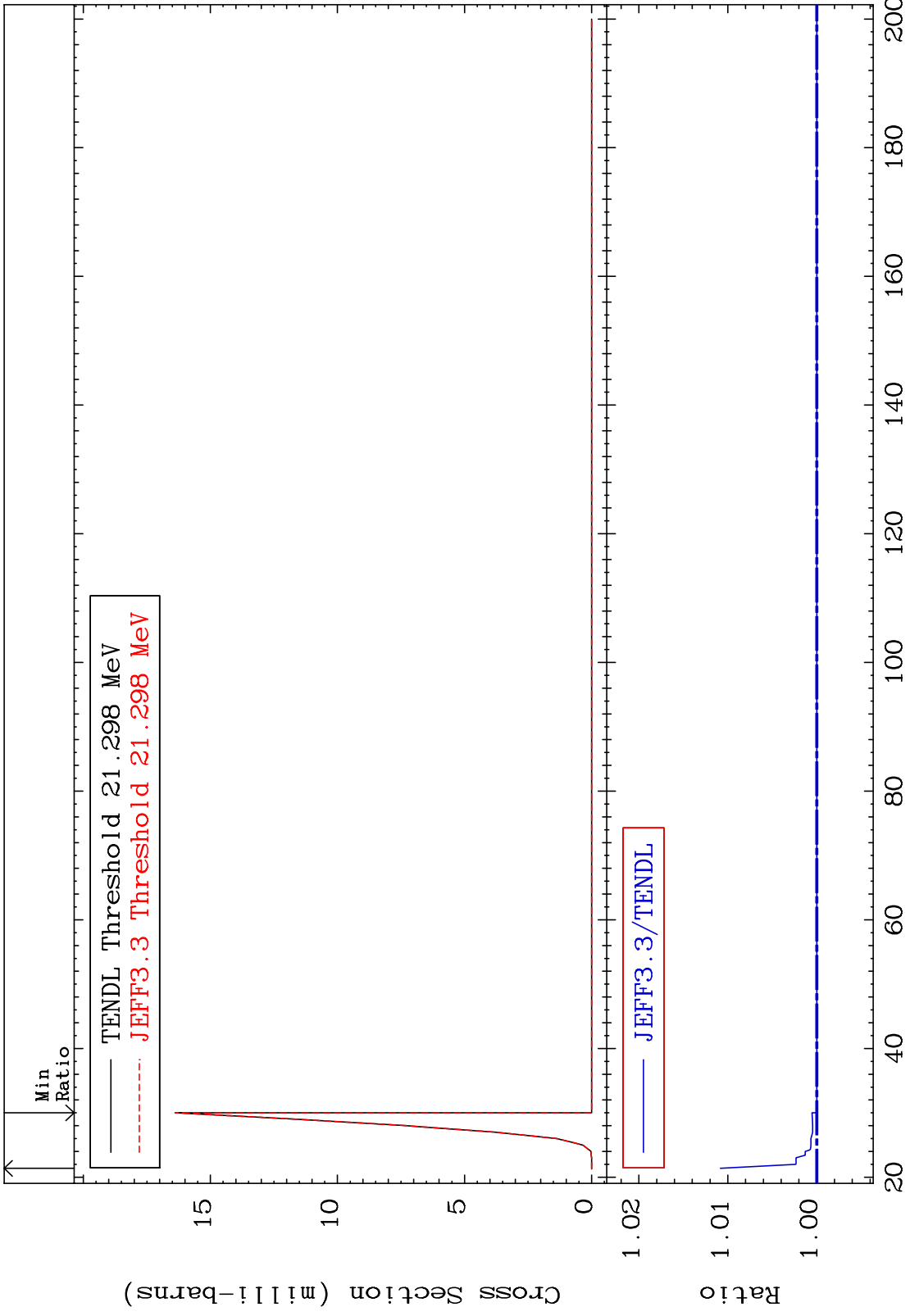
Incident Energy (MeV)

MAT 2643 (n,4n) 26-Fe-60  
 Cross Section -0.356 To 0.000 %



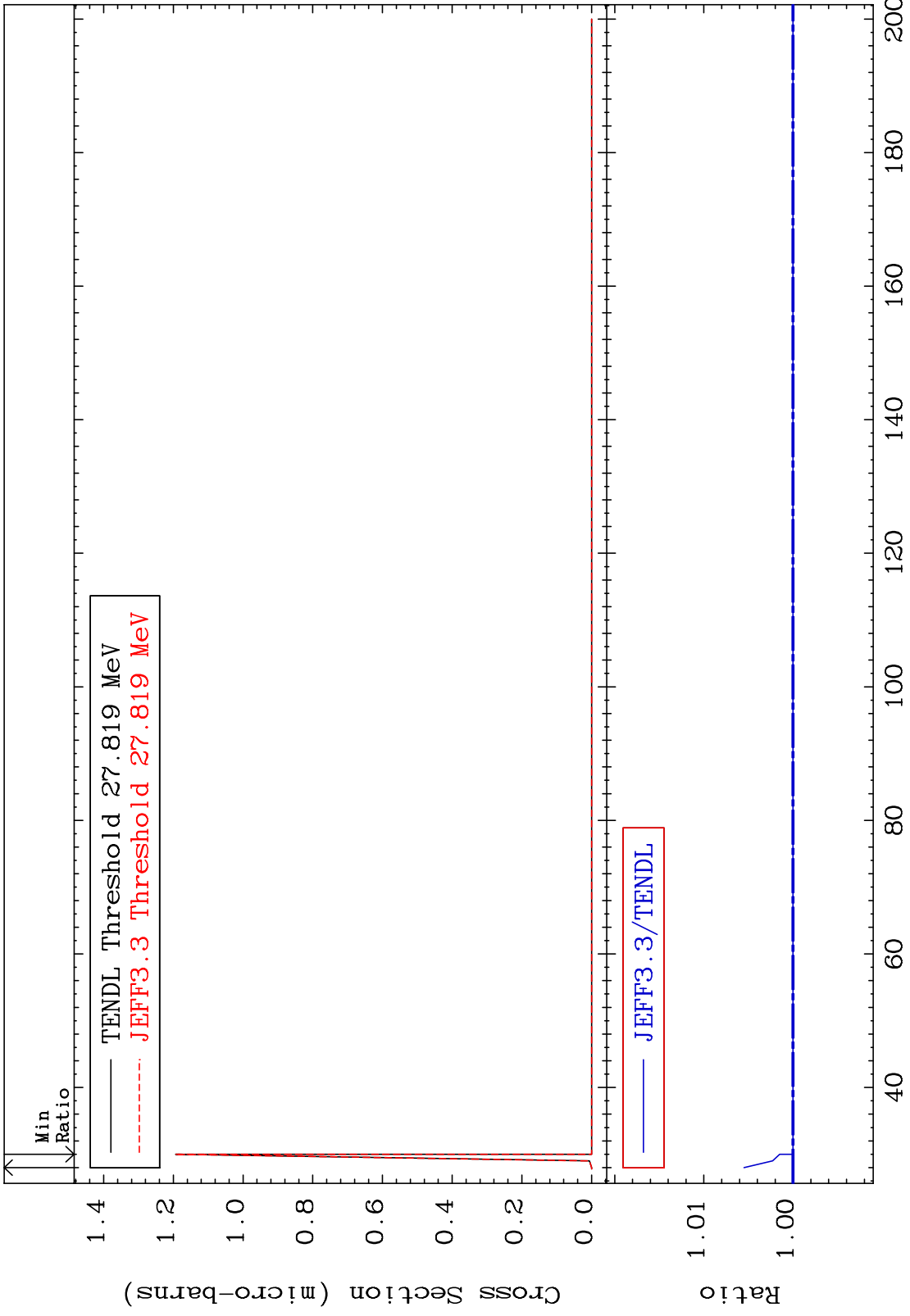


MAT 2643 (n,2n) p 26-Fe-60  
 Cross Section 0.000 To 1.084 %

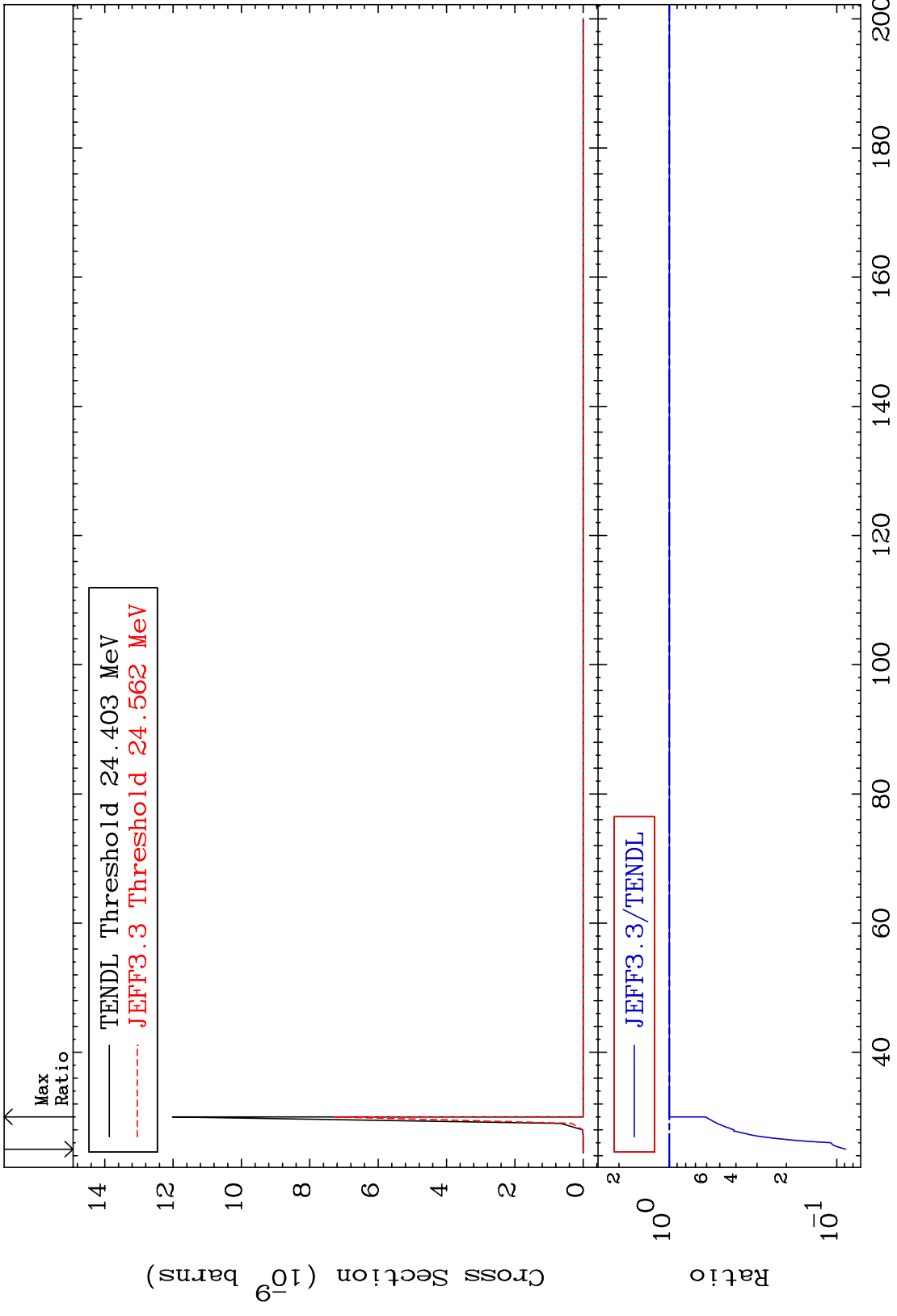


16 26-Fe-60 Incident Energy (MeV) 26-Fe-60

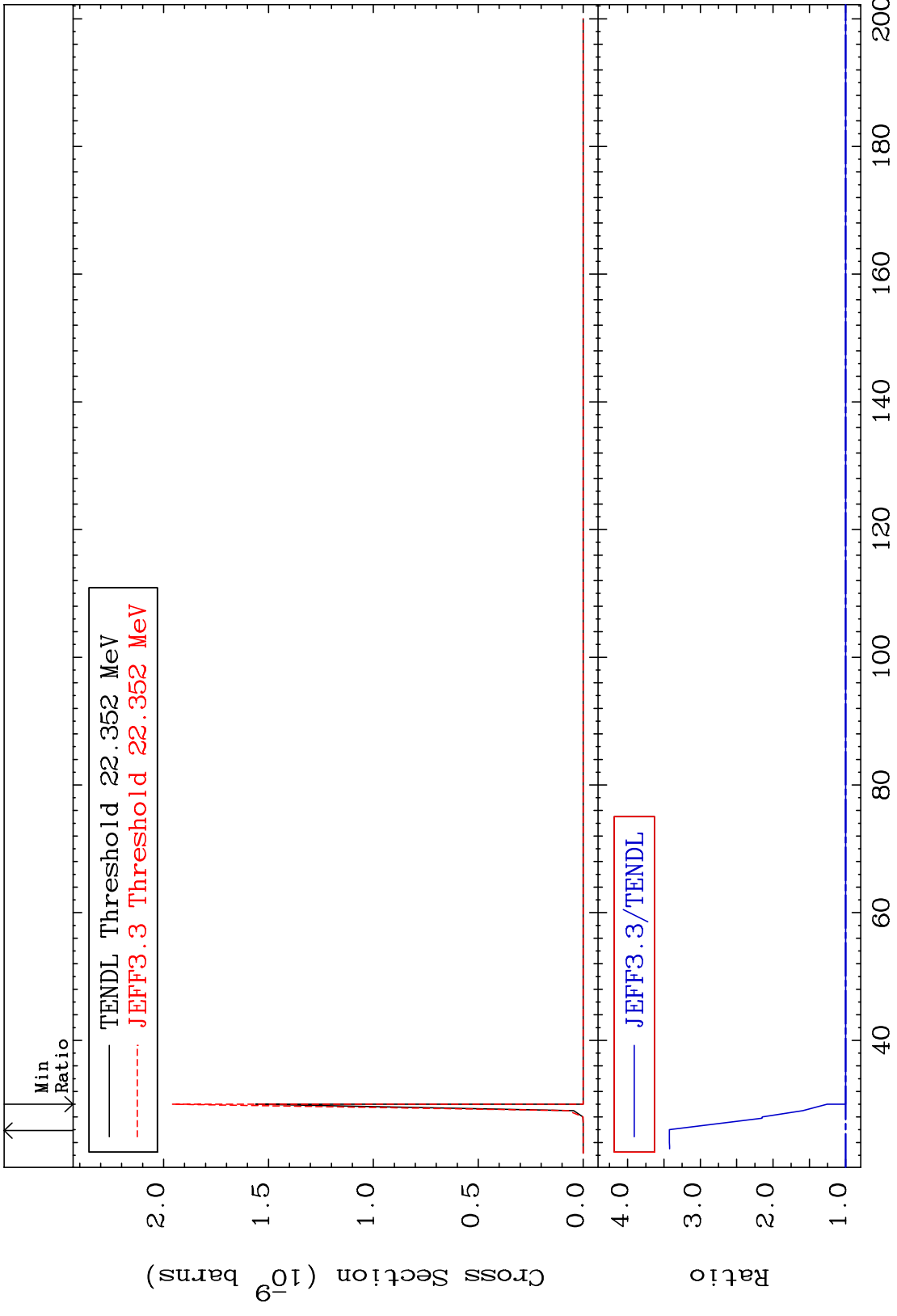
MAT 2643 (n,3n) p 26-Fe-60  
Cross Section 0.000 To 0.549 %



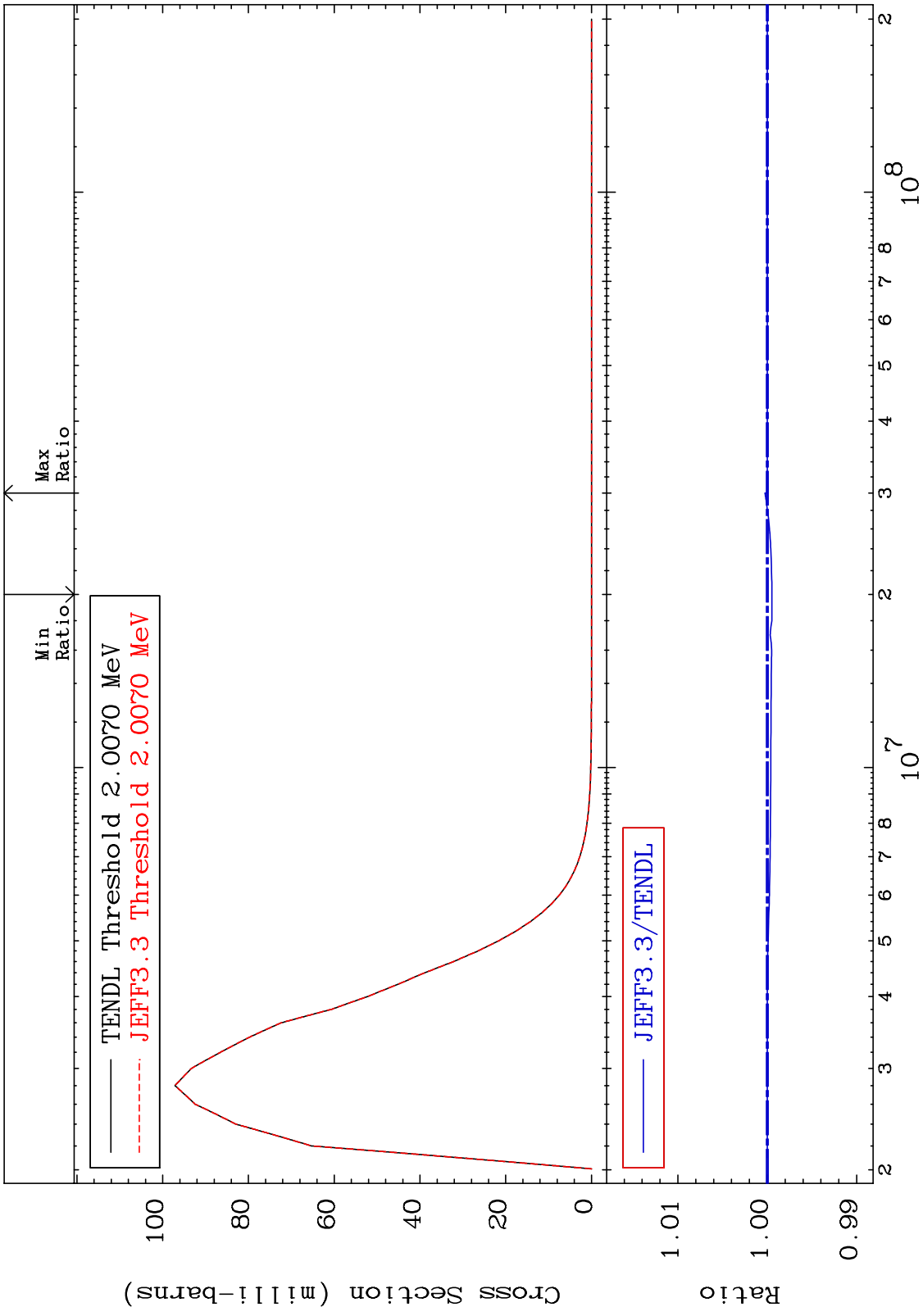
MAT 2643 (n,2n) p 26-Fe-60  
 Cross Section -91.15 To 0.000 %



MAT 2643  $(n,n')$  p  $\alpha$  26-Fe-60  
 Cross Section 0.000 To 242.5 %

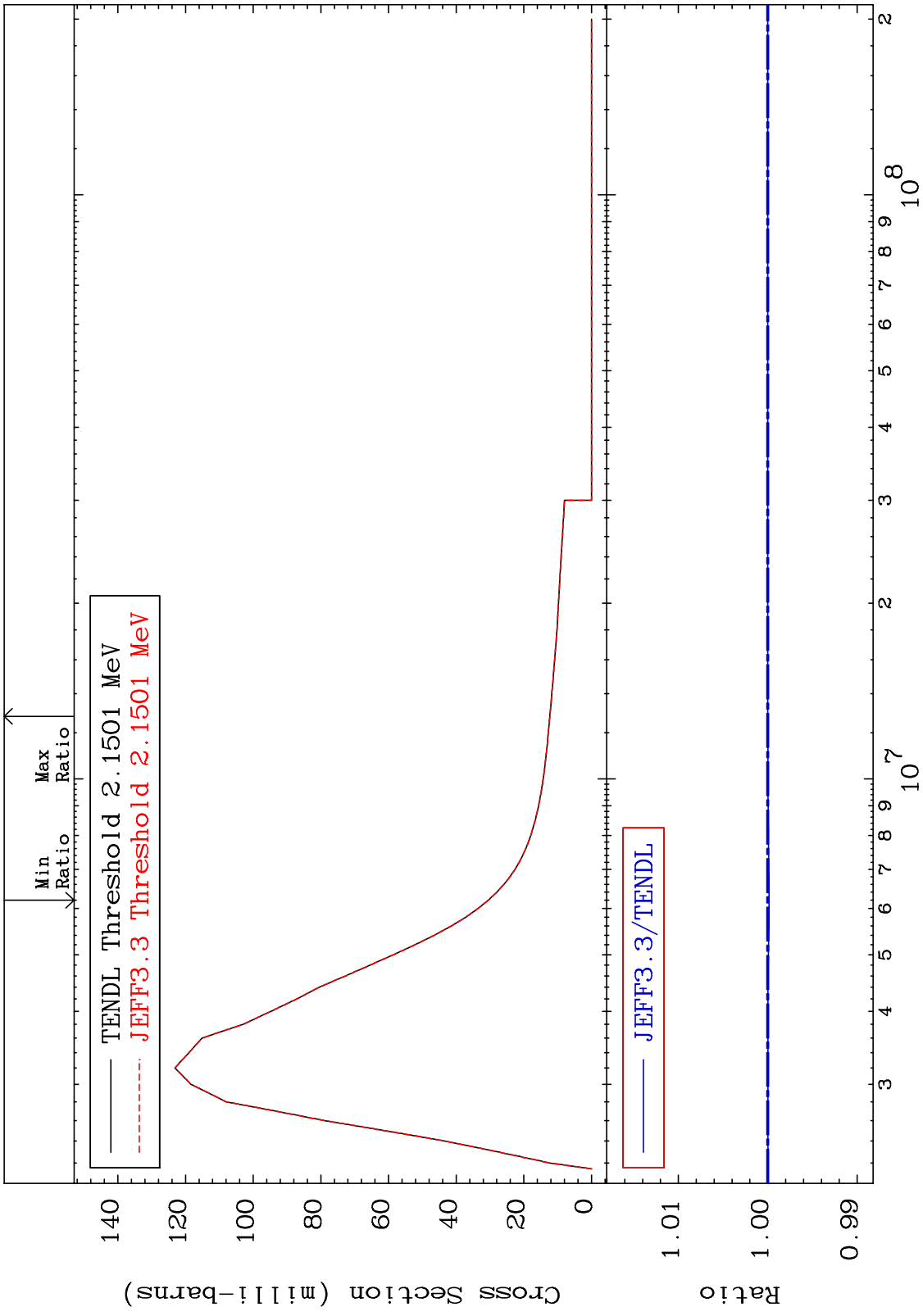


MAT 2643 MT= 52 (n,n') Level Cross Section 26-Fe-60 -0.052 To 0.026 %

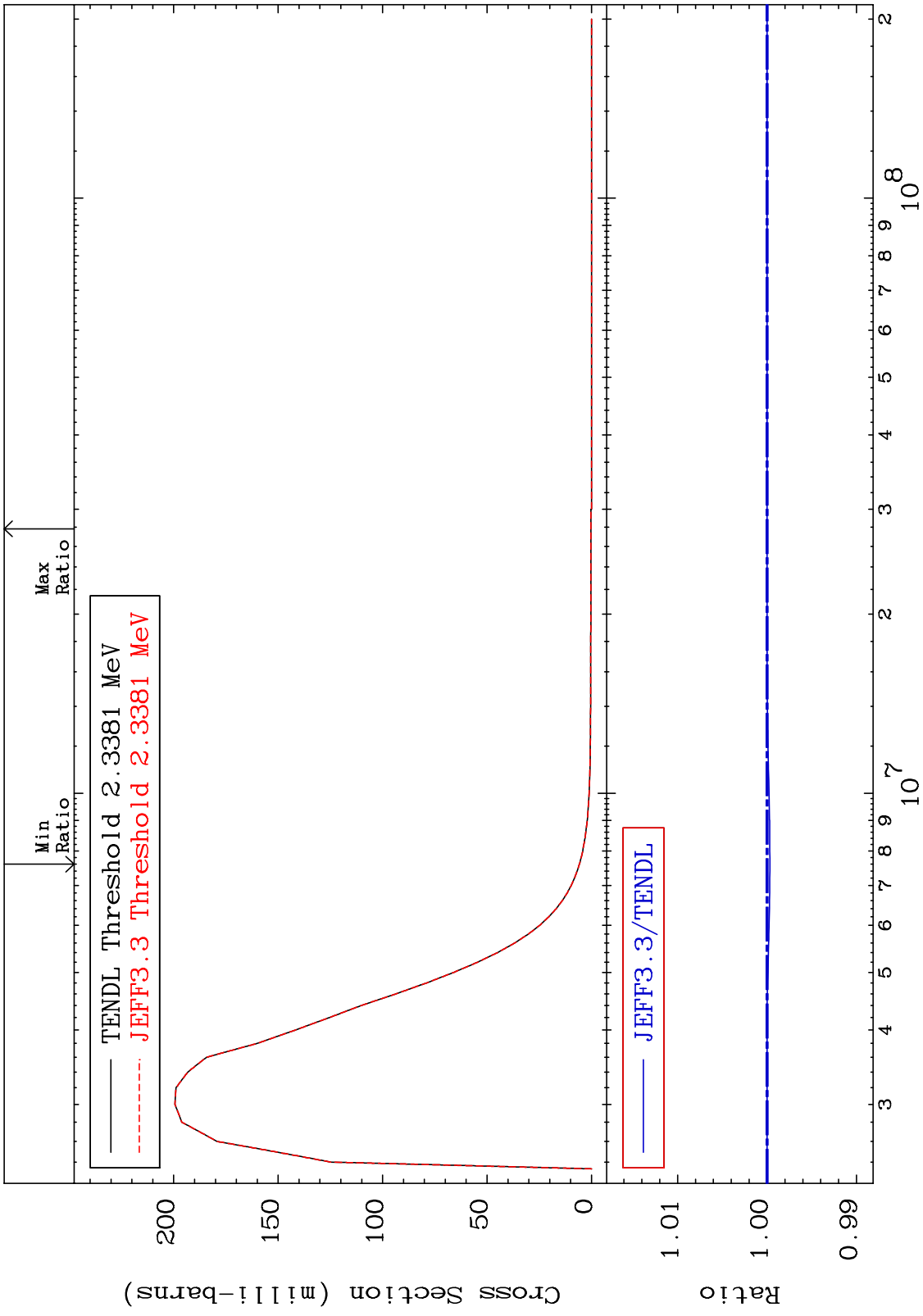


20 Incident Energy (eV) 26-Fe-60

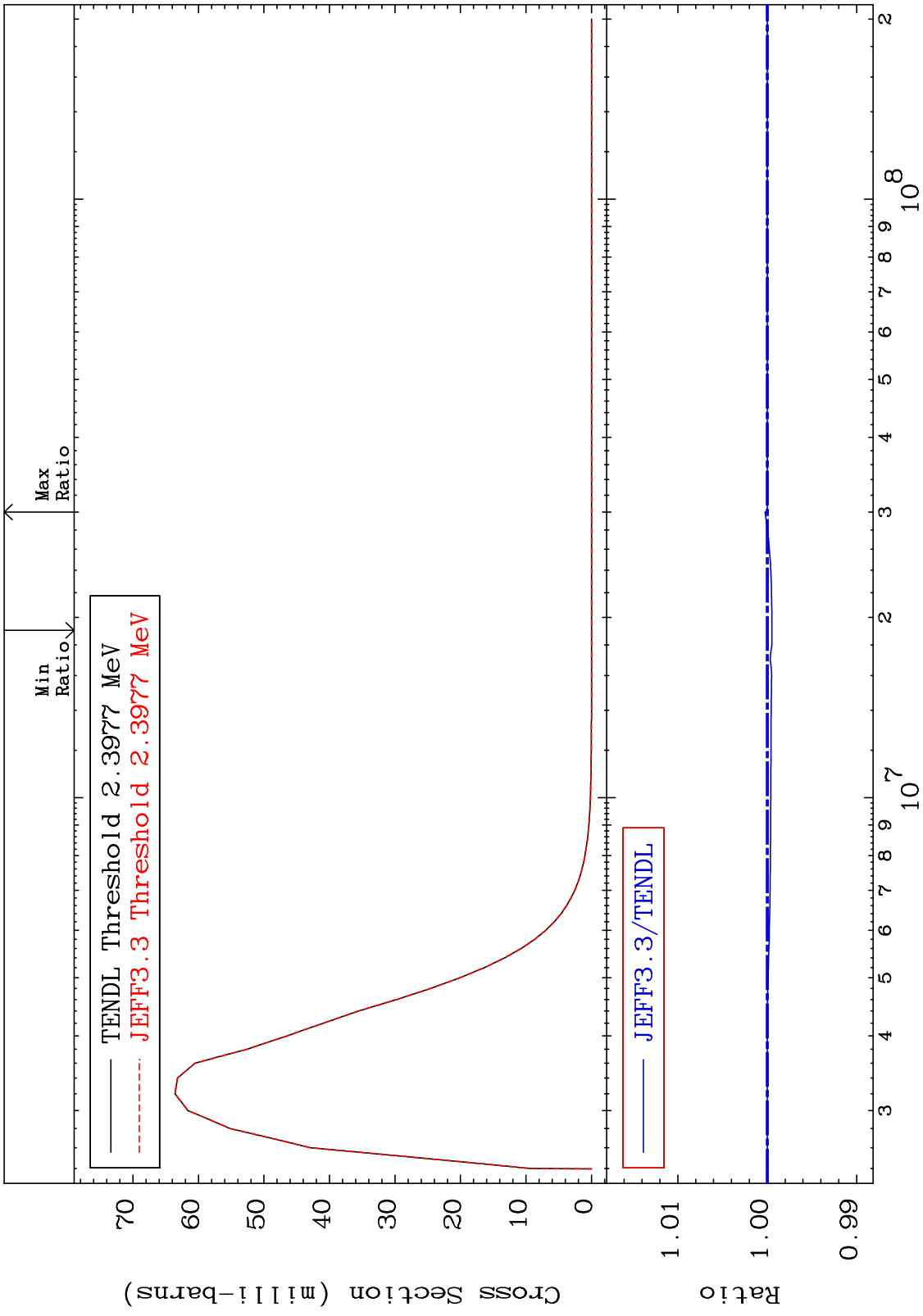
MAT 2643 MT= 53 (n,n') Level Cross Section 26-Fe-60 -0.015 To 0.000 %



MAT 2643 MT= 54 (n, n') Level Cross Section -0.031 To 0.000 % 26-Fe-60

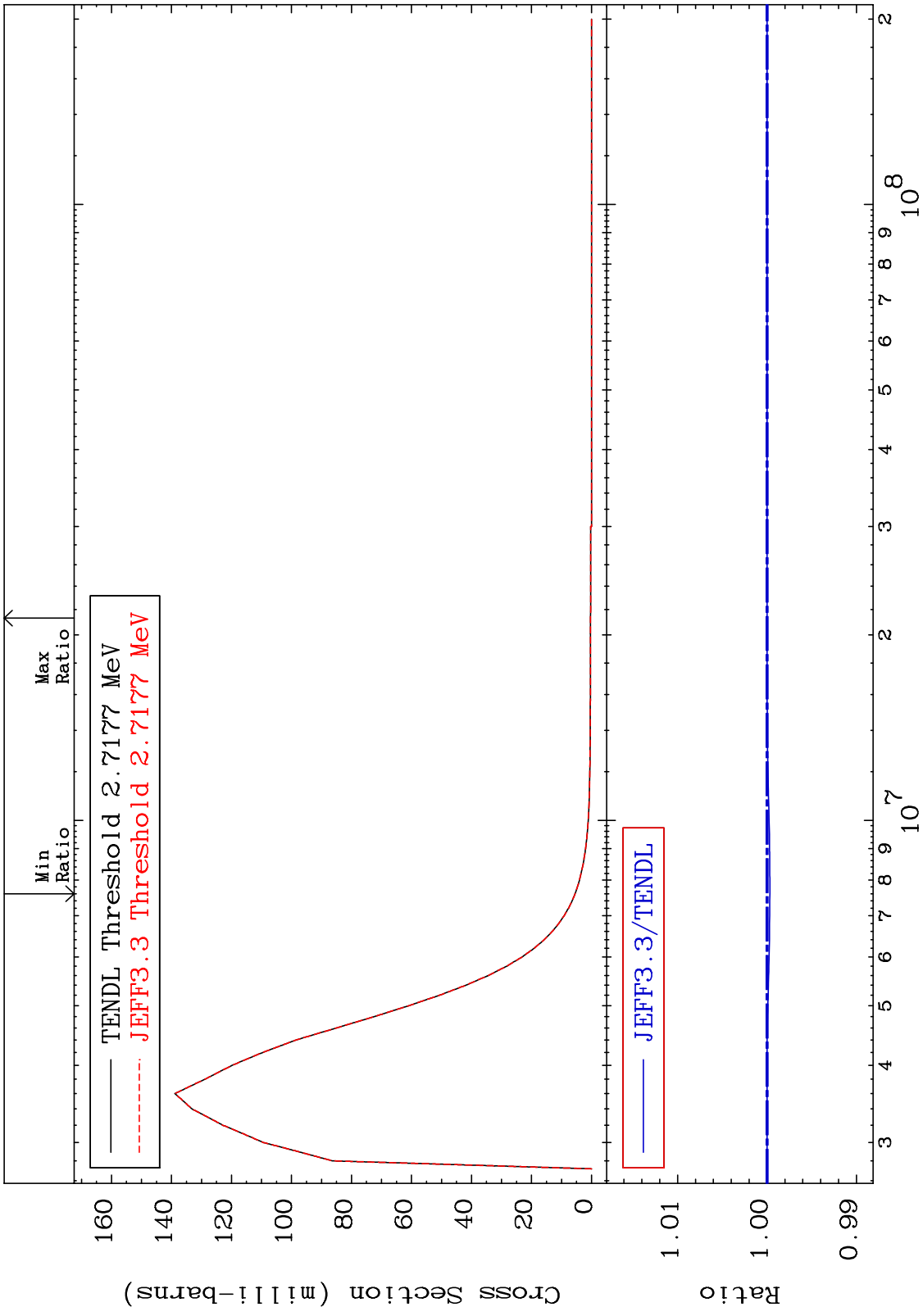


MAT 2643      MT= 55 (n,n') Level Cross Section      26-Fe-60  
 -0.053 To 0.026 %

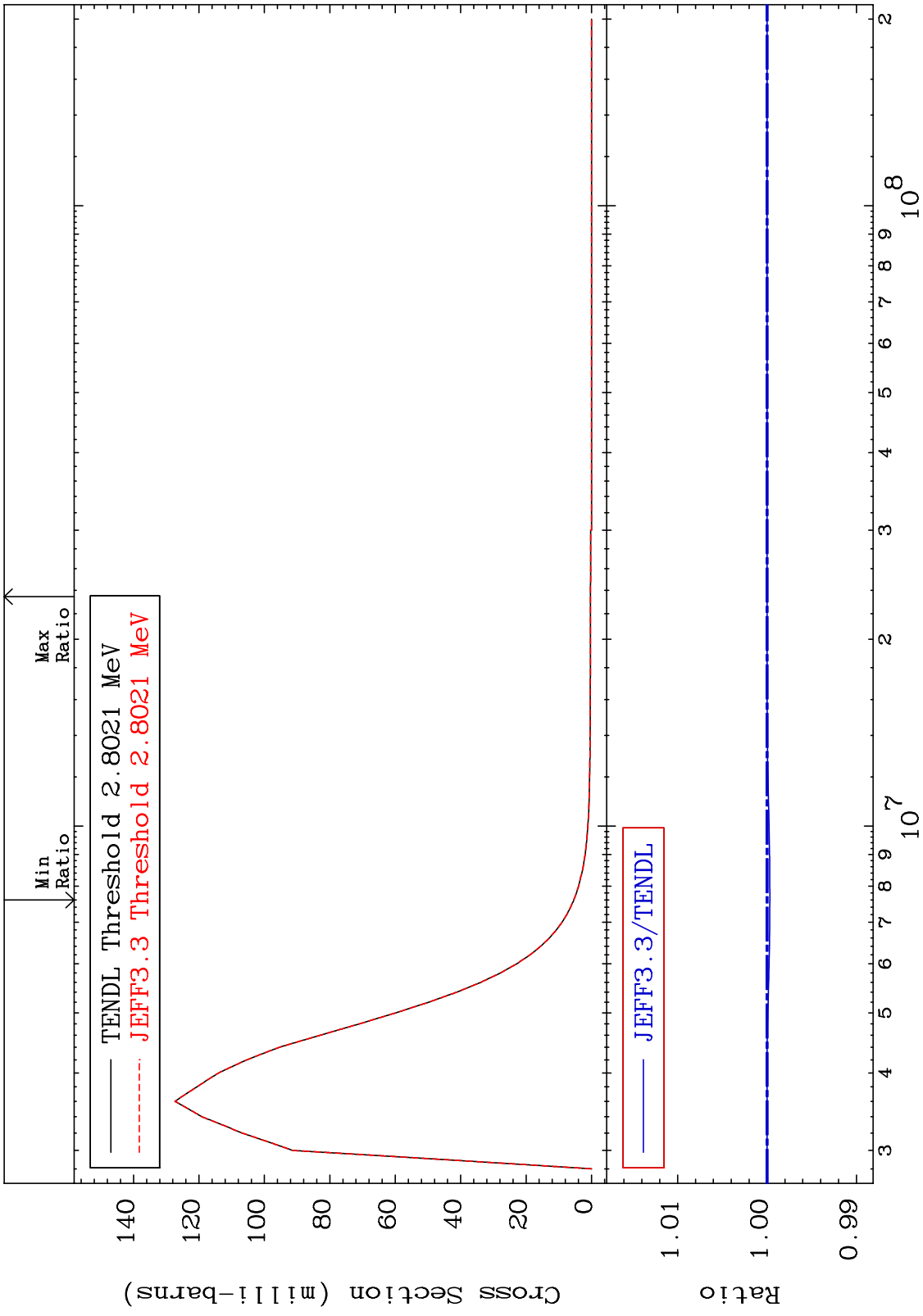




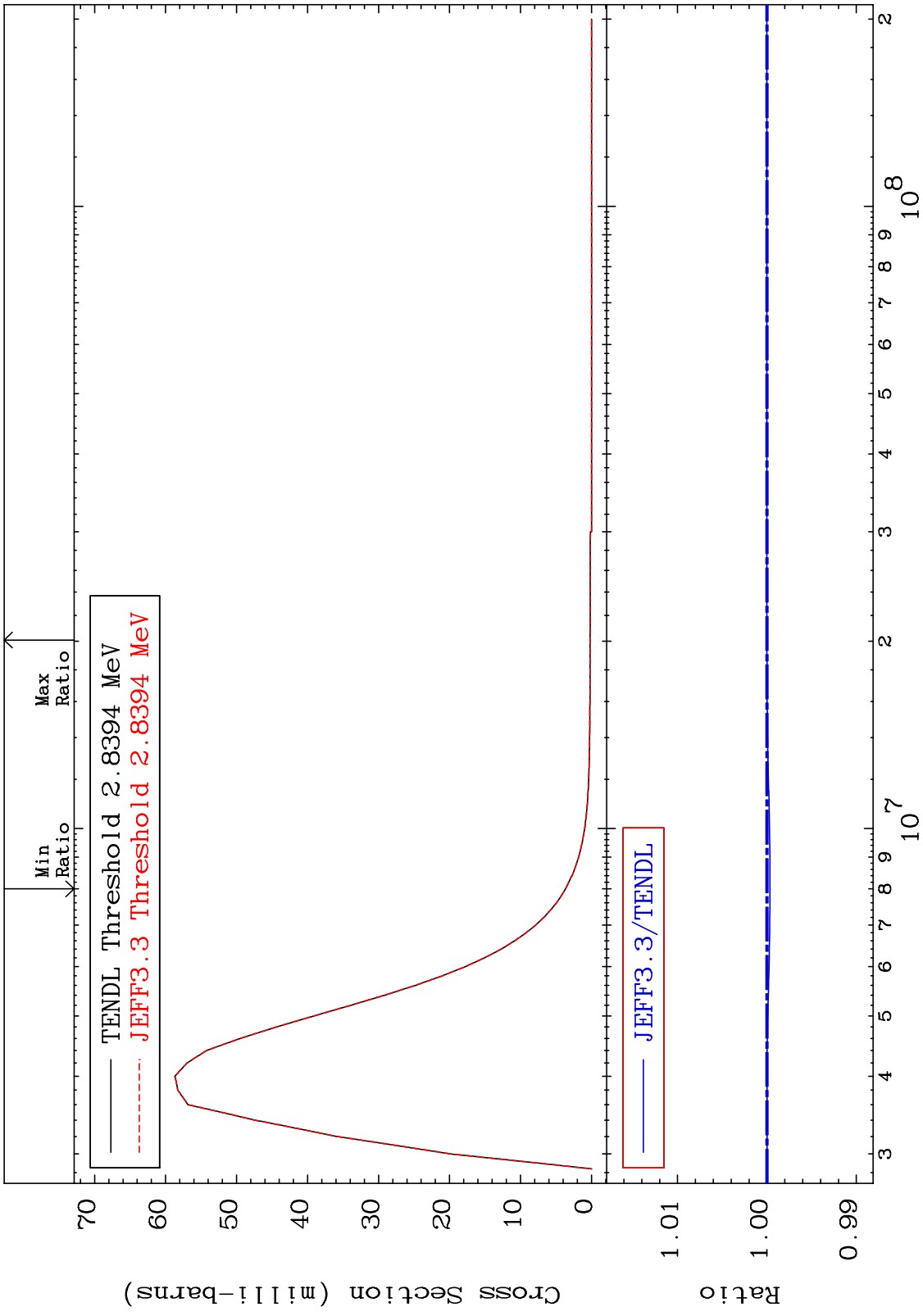
MAT 2643      MT= 56 (n,n') Level Cross Section      26-Fe-60  
 -0.031 To 0.000 %



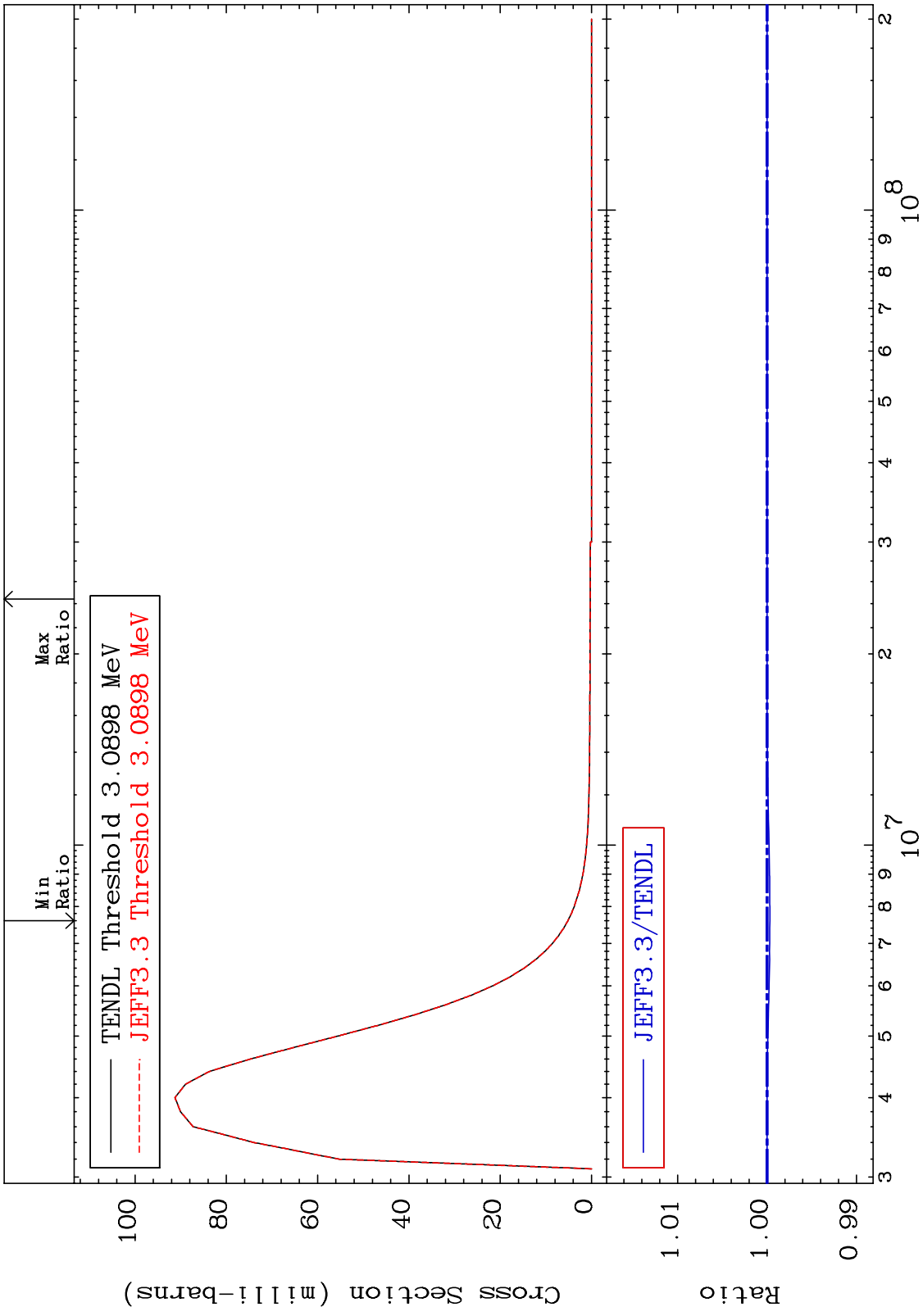
MAT 2643 MT= 57 (n,n') Level Cross Section 26-Fe-60 -0.031 To 0.000 %



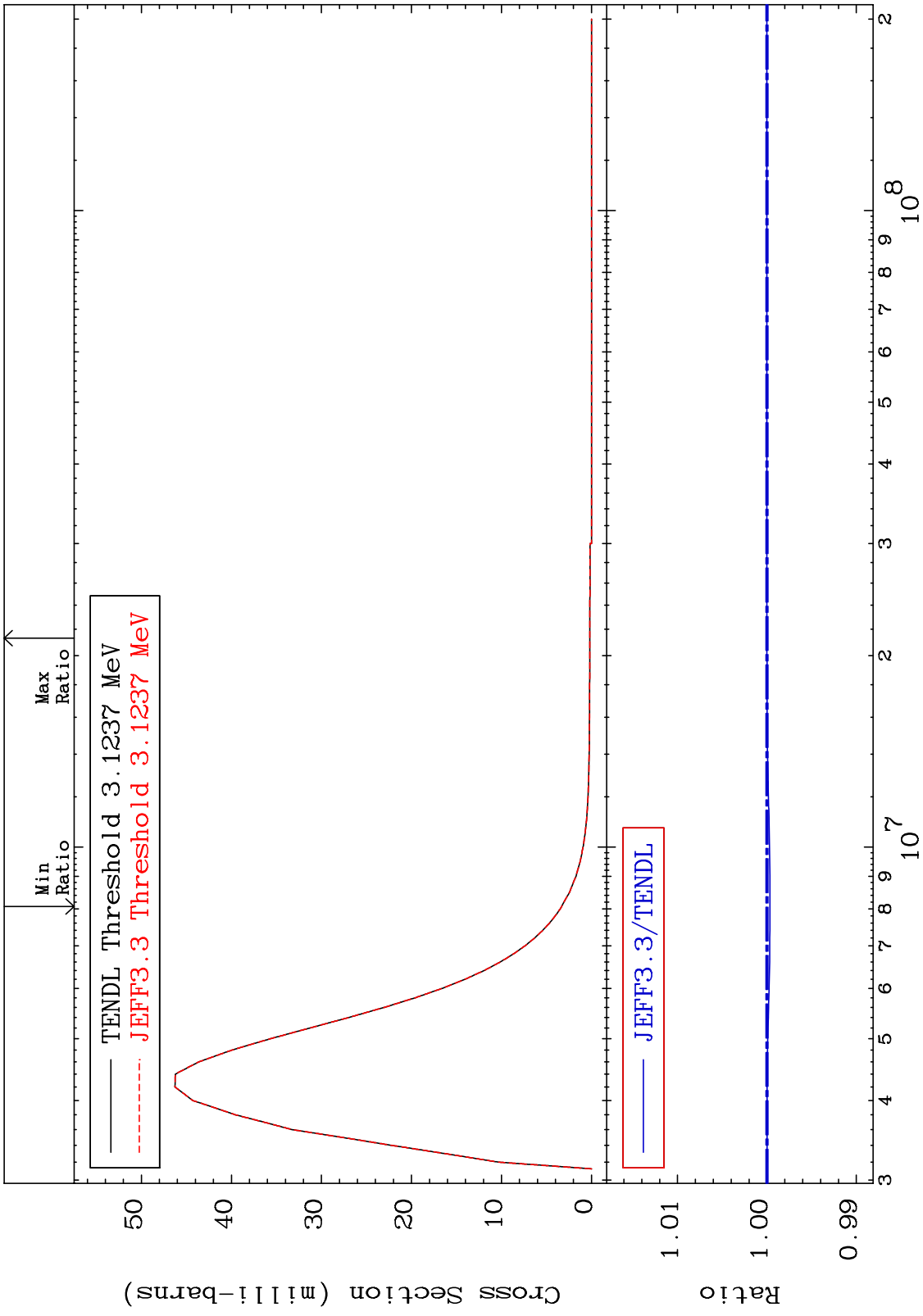
MAT 2643 MT= 58 (n,n') Level Cross Section 26-Fe-60  
 -0.033 To 0.000 %



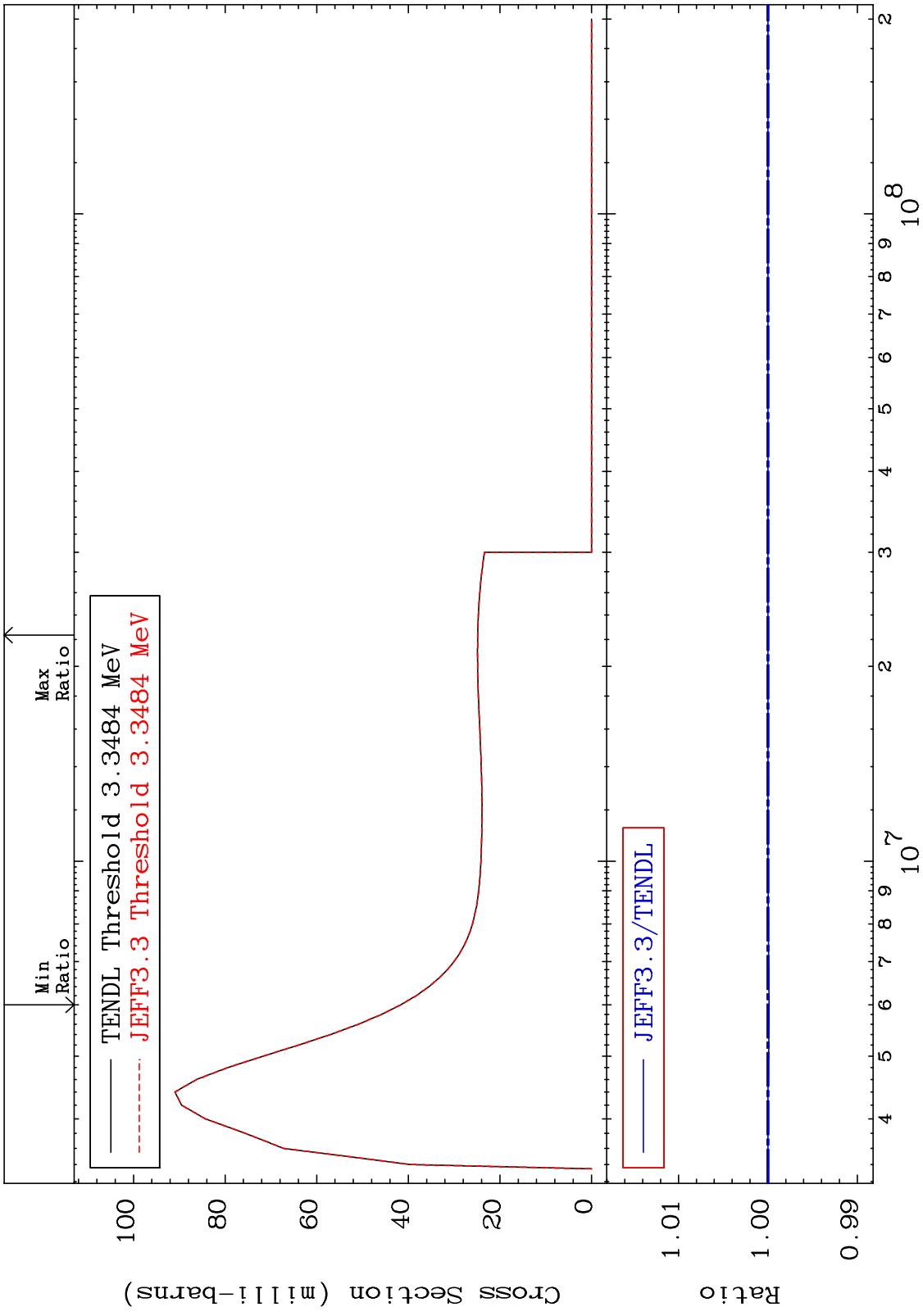
MAT 2643      MT= 59 (n,n') Level Cross Section      26-Fe-60  
 -0.031 To 0.000 %



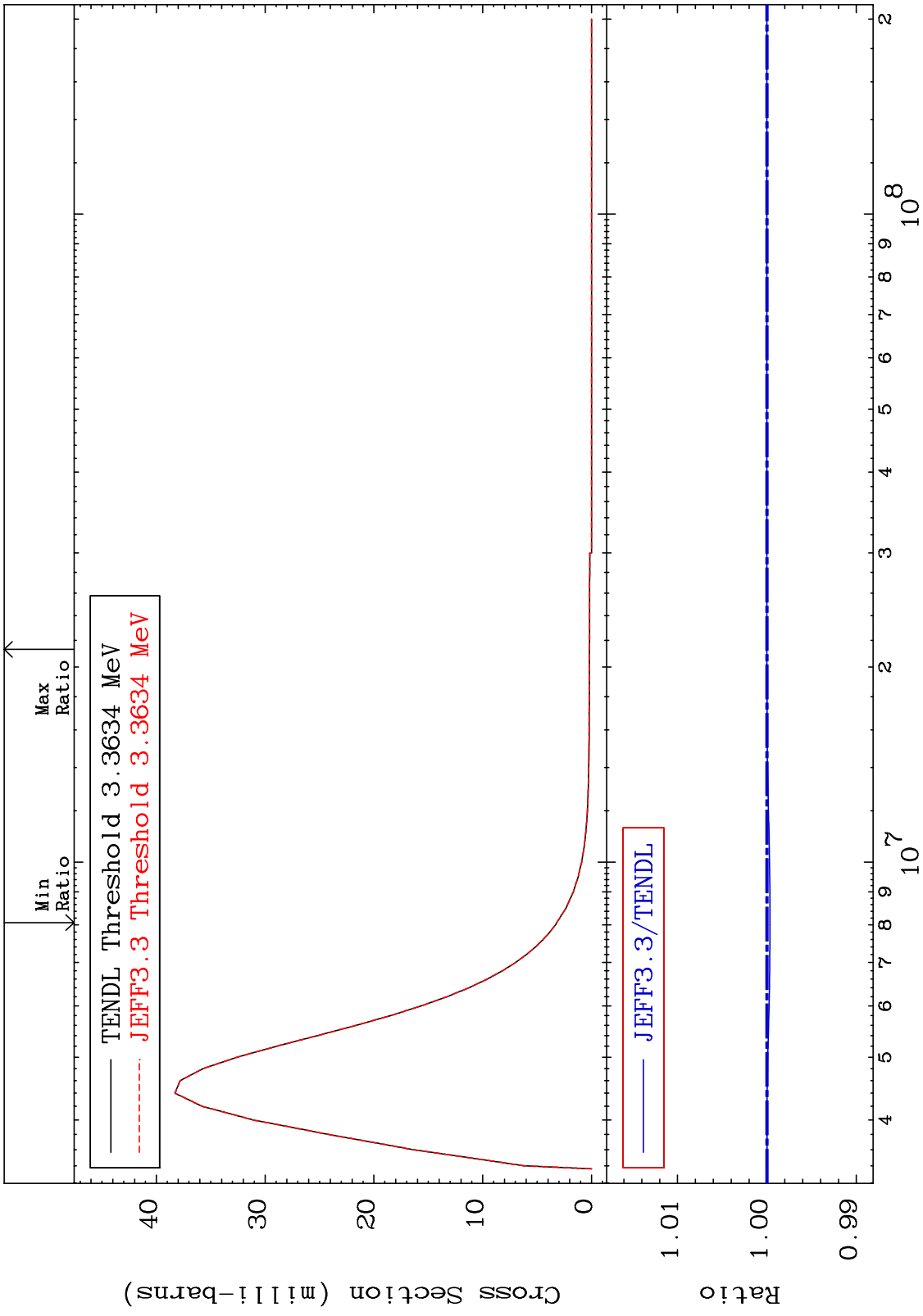
MAT 2643 MT= 60 (n,n') Level Cross Section -0.033 To 0.000 % 26-Fe-60



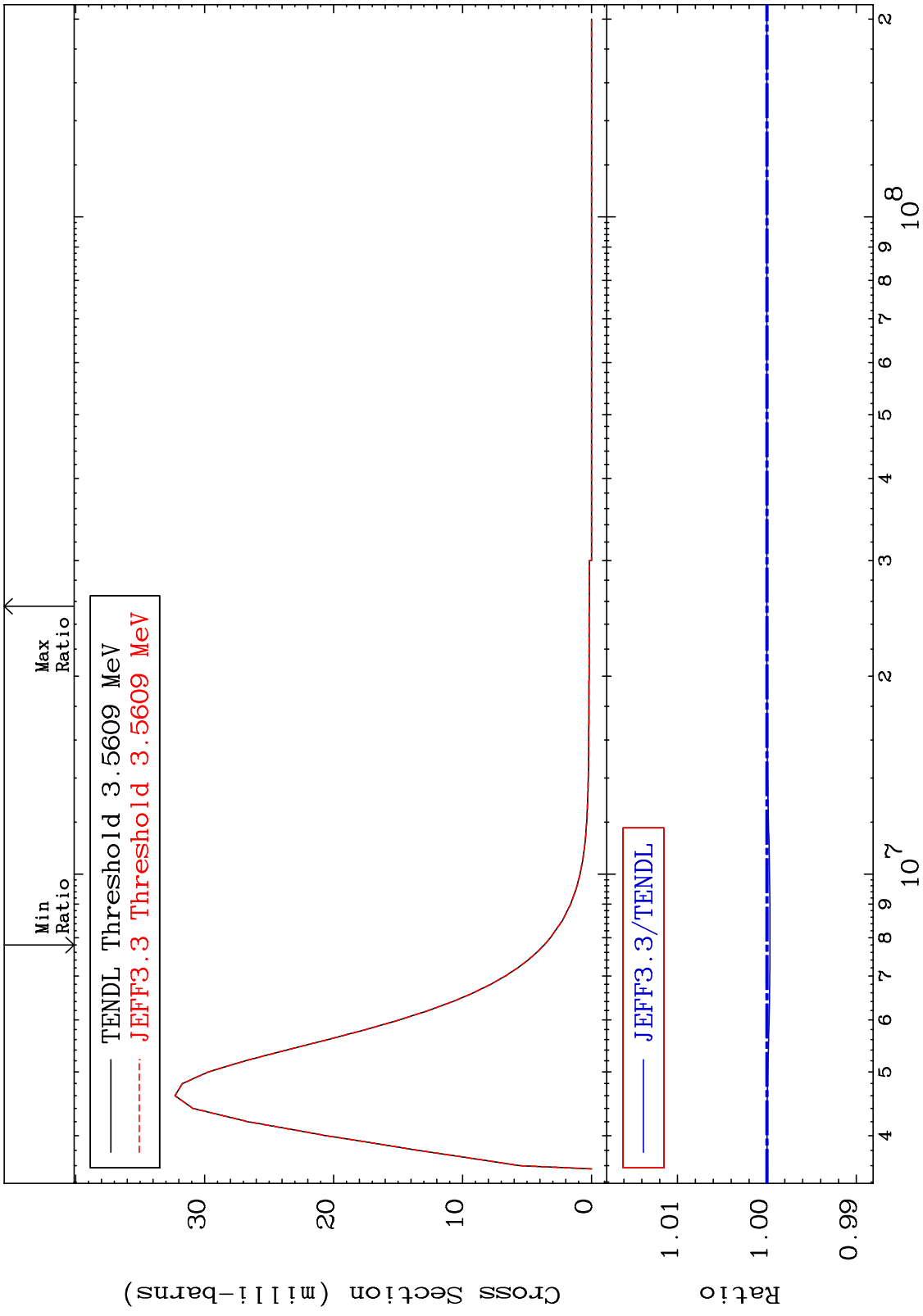
MAT 2643      MT= 61 (n,n') Level      26-Fe-60  
 Cross Section      -0.012 To 0.000 %



MAT 2643 MT= 62 (n,n') Level Cross Section 26-Fe-60  
 -0.033 To 0.000 %

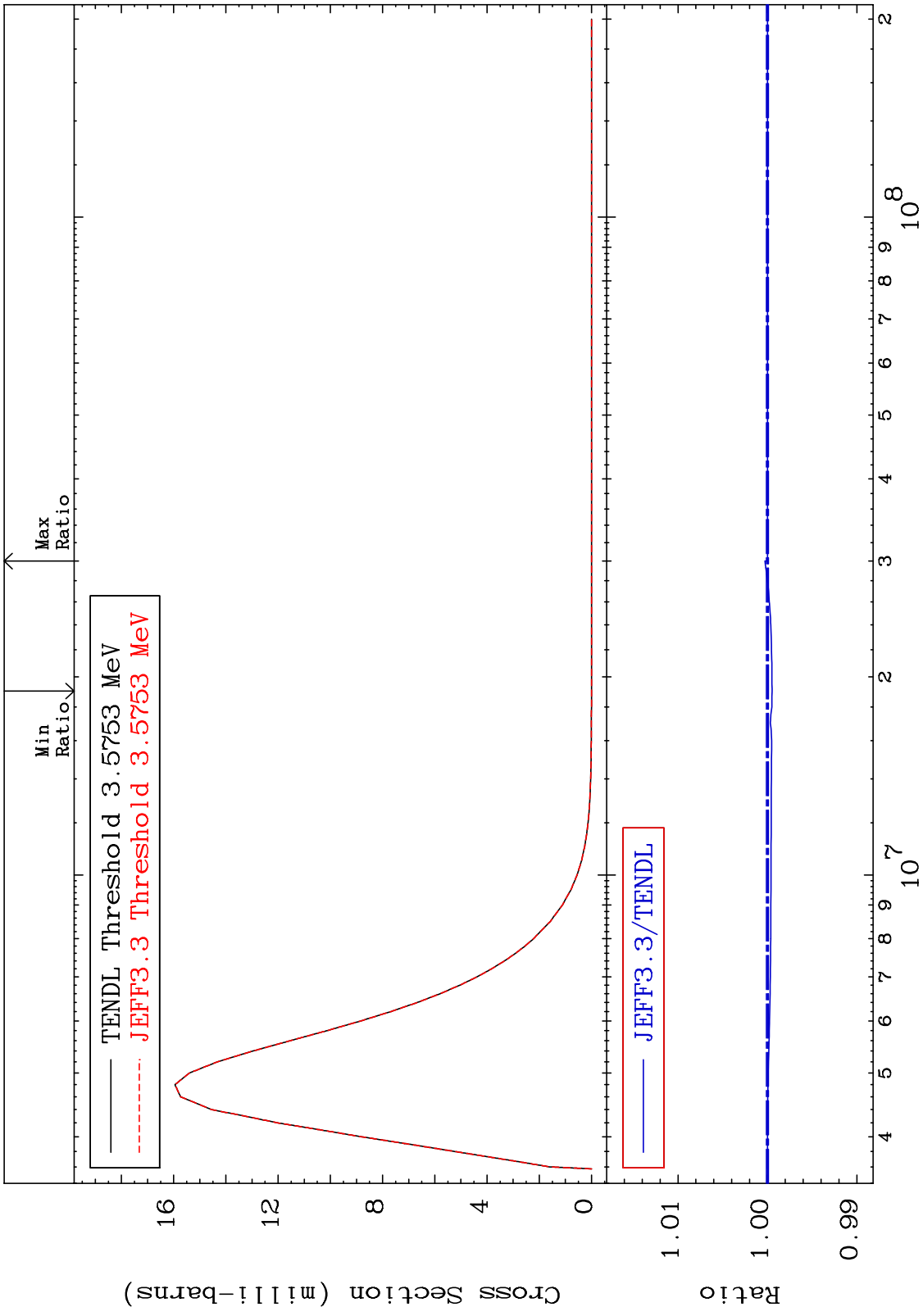


MAT 2643 MT= 63 (n,n') Level Cross Section -0.033 To 0.000 % 26-Fe-60

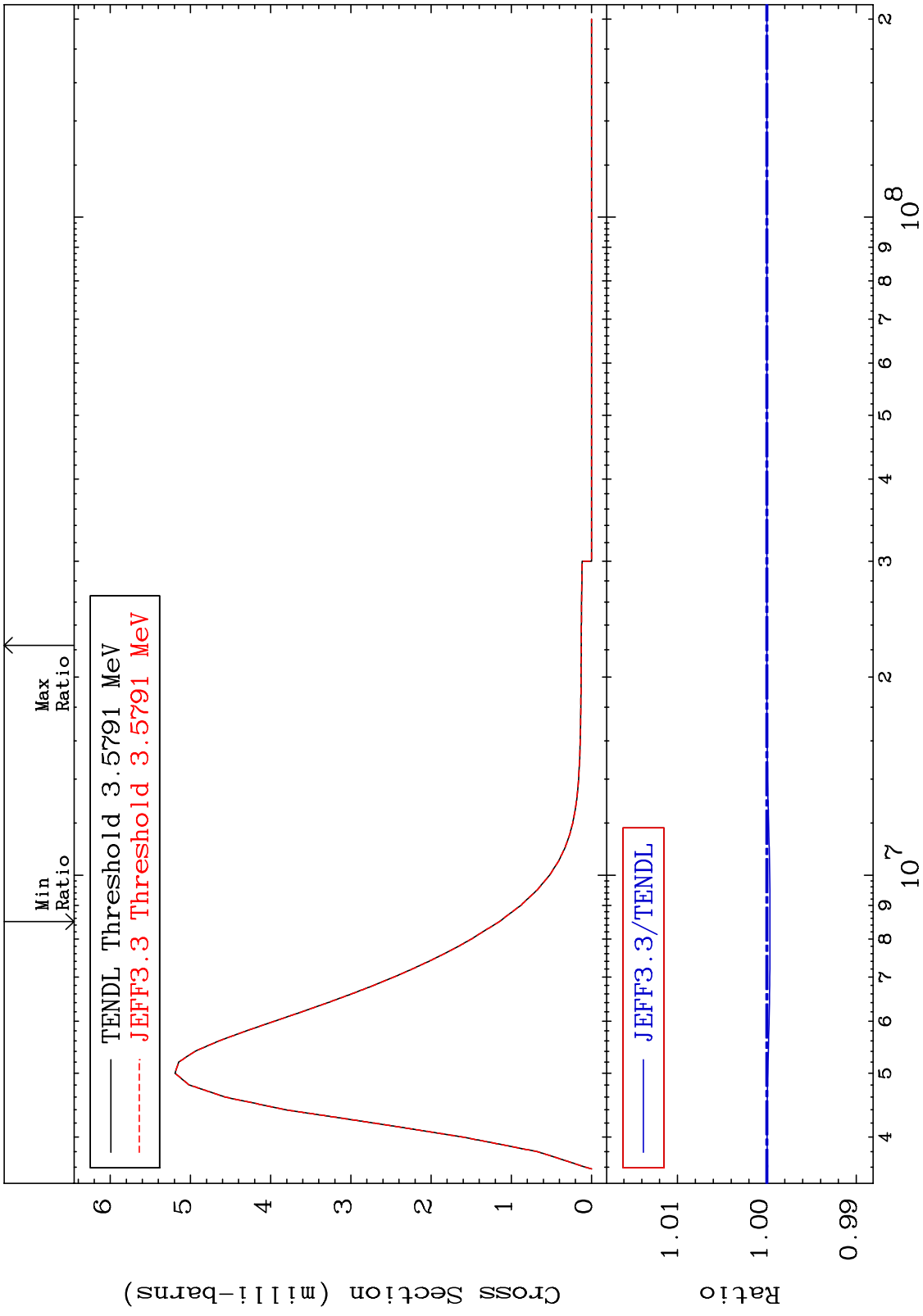




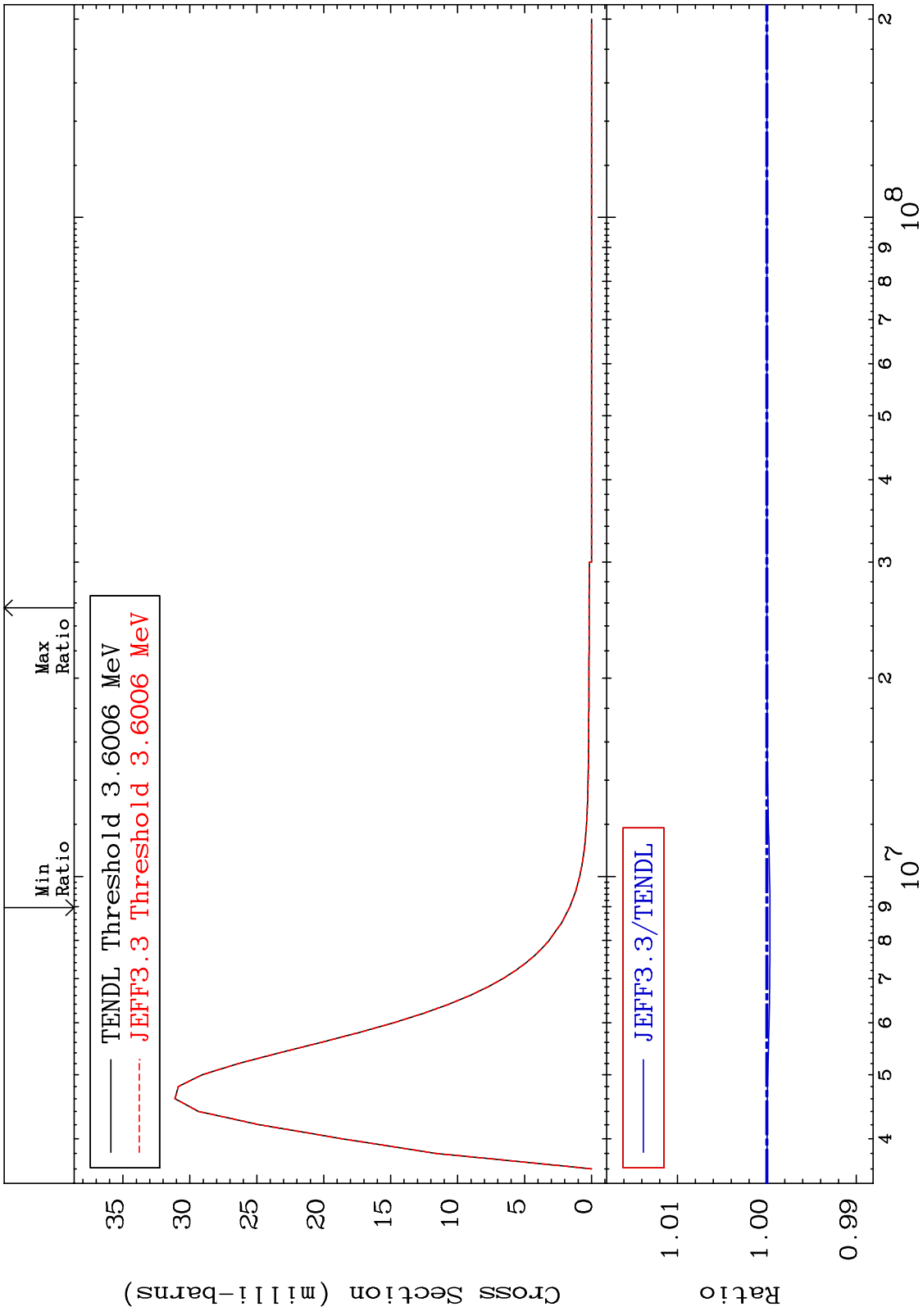
MAT 2643 MT= 64 (n,n') Level Cross Section -0.051 To 0.029 % 26-Fe-60



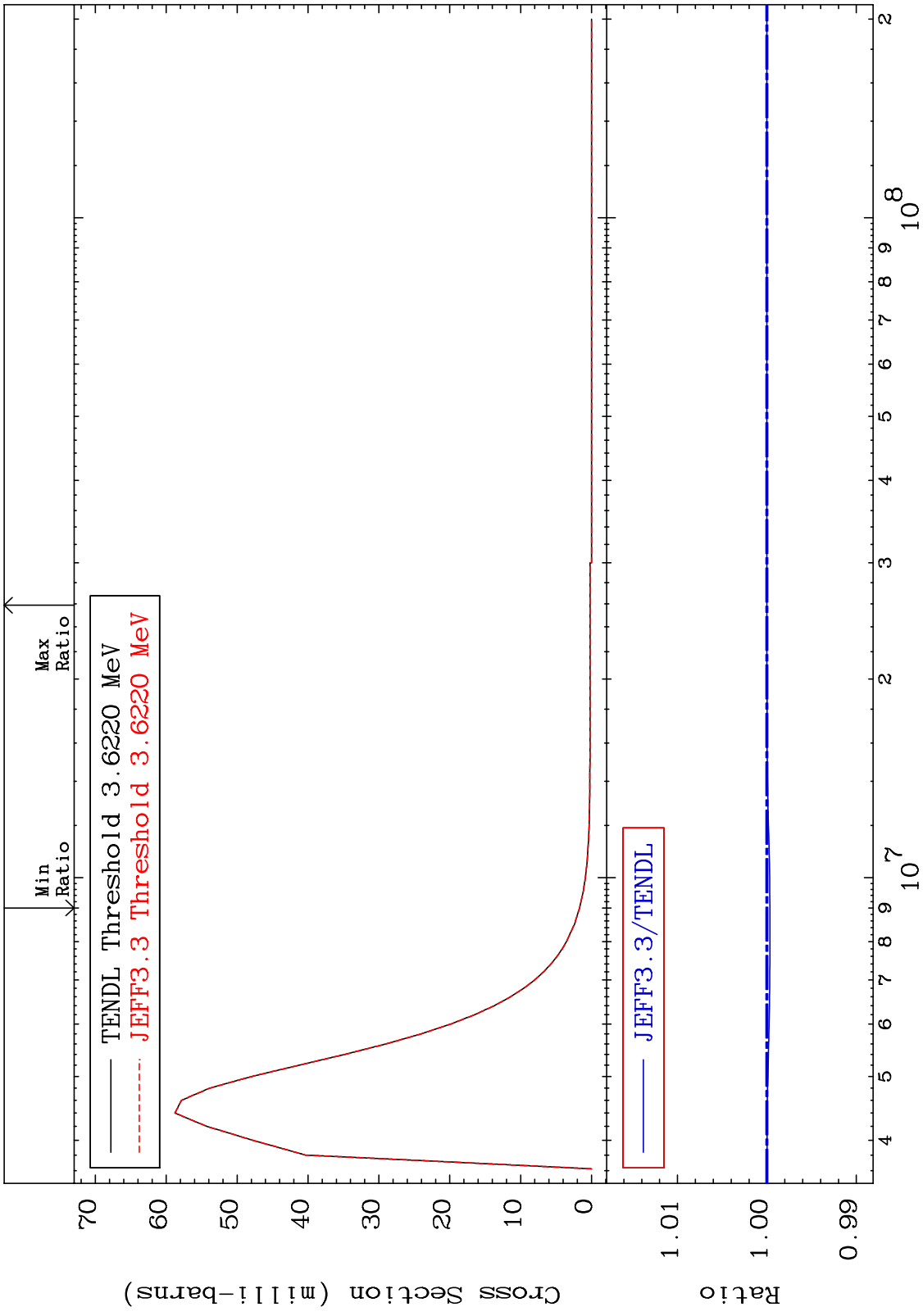
MAT 2643      MT= 65 (n,n') Level      26-Fe-60  
 Cross Section      -0.035 To 0.000 %



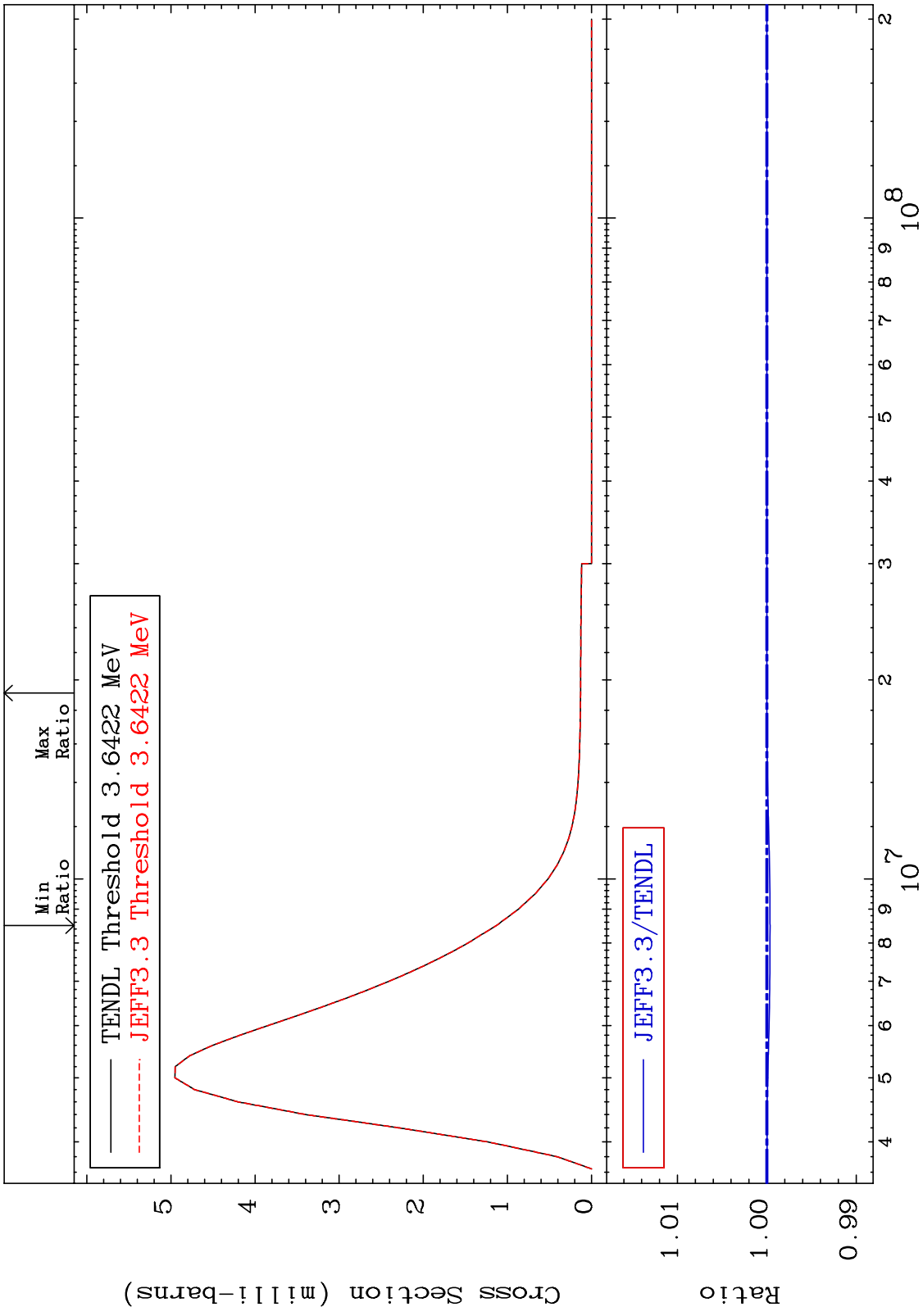
MAT 2643 MT= 66 (n,n') Level Cross Section -0.034 To 0.000 % 26-Fe-60



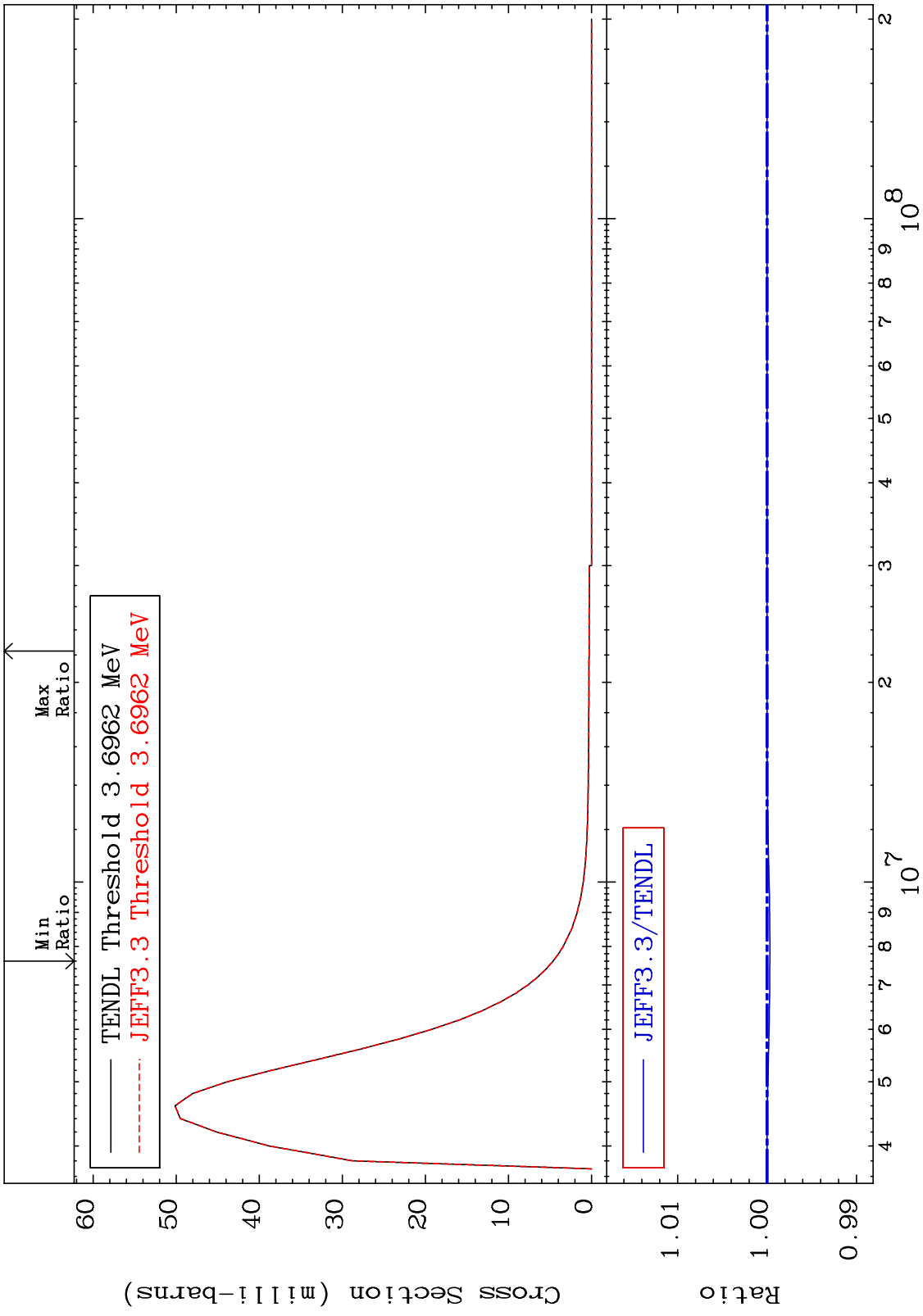
MAT 2643      MT= 67 (n,n') Level      26-Fe-60  
 Cross Section      -0.034 To 0.000 %



MAT 2643 MT= 68 (n,n') Level Cross Section 26-Fe-60  
 -0.035 To 0.000 %

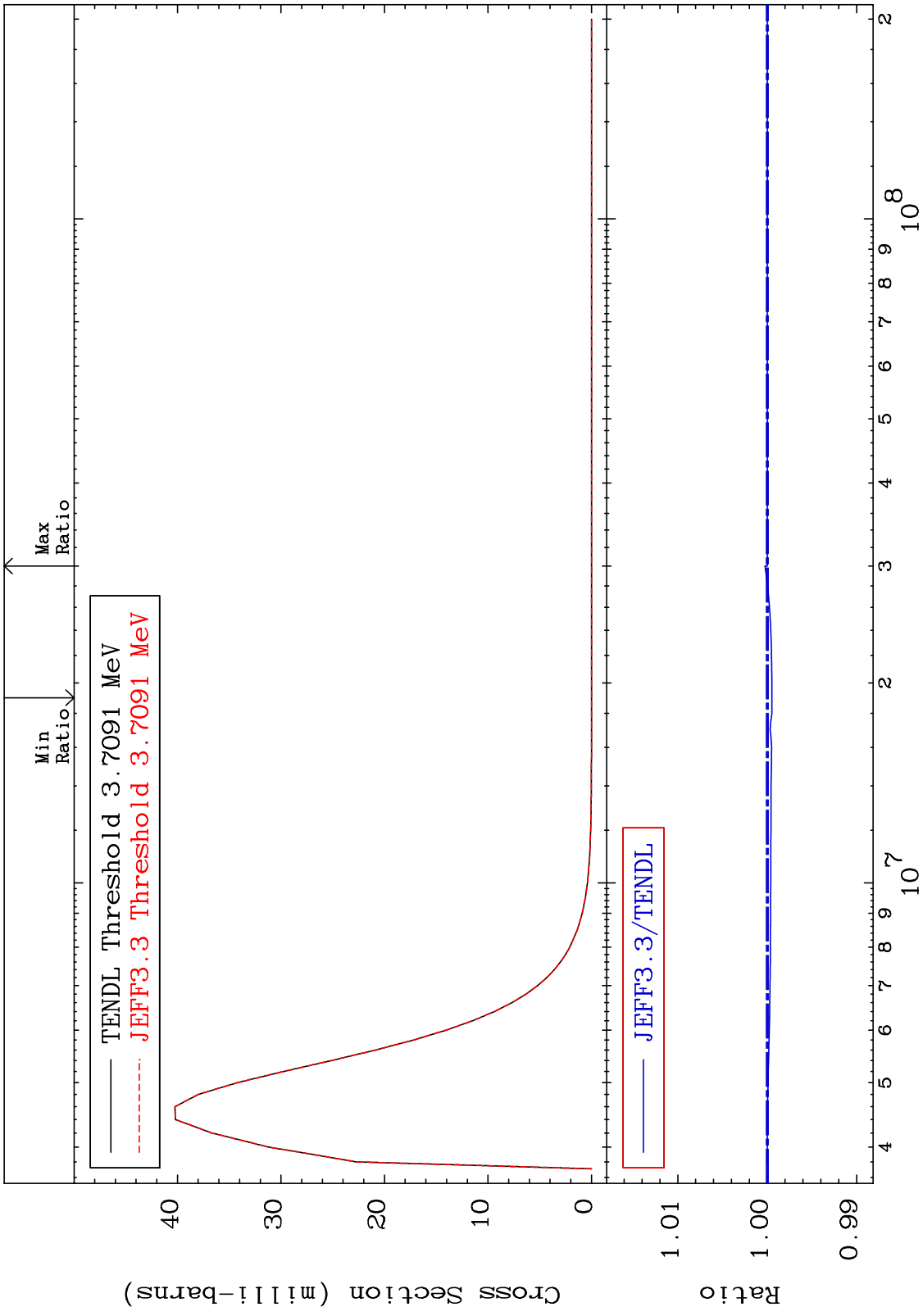


MAT 2643 MT= 69 (n,n') Level Cross Section 26-Fe-60 -0.031 To 0.000 %



37 Incident Energy (eV) 26-Fe-60

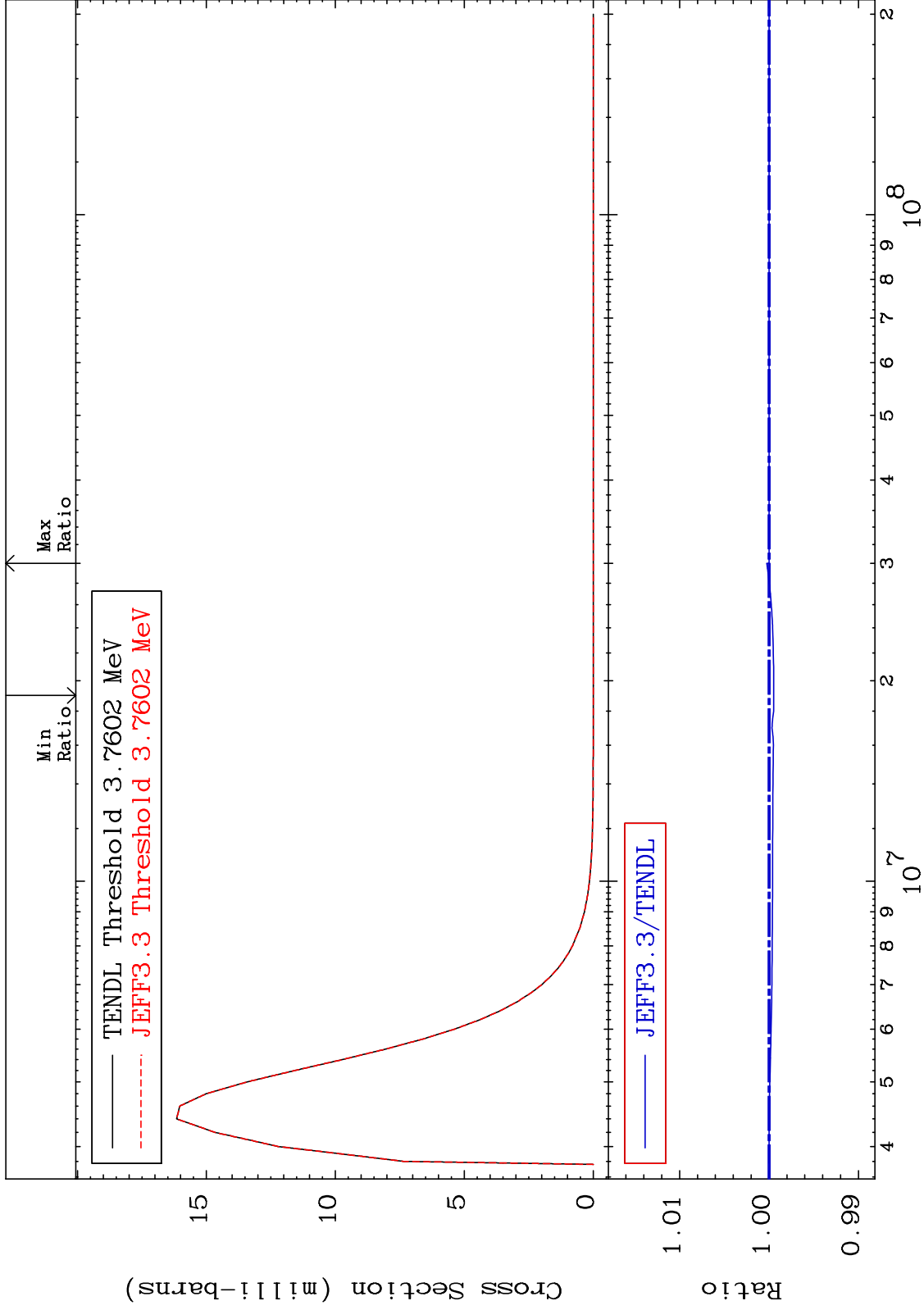
MAT 2643      MT= 70 (n,n') Level Cross Section      26-Fe-60  
 -0.052 To 0.025 %



MAT 2643

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

26-Fe-60  
-0.052 To 0.026 %

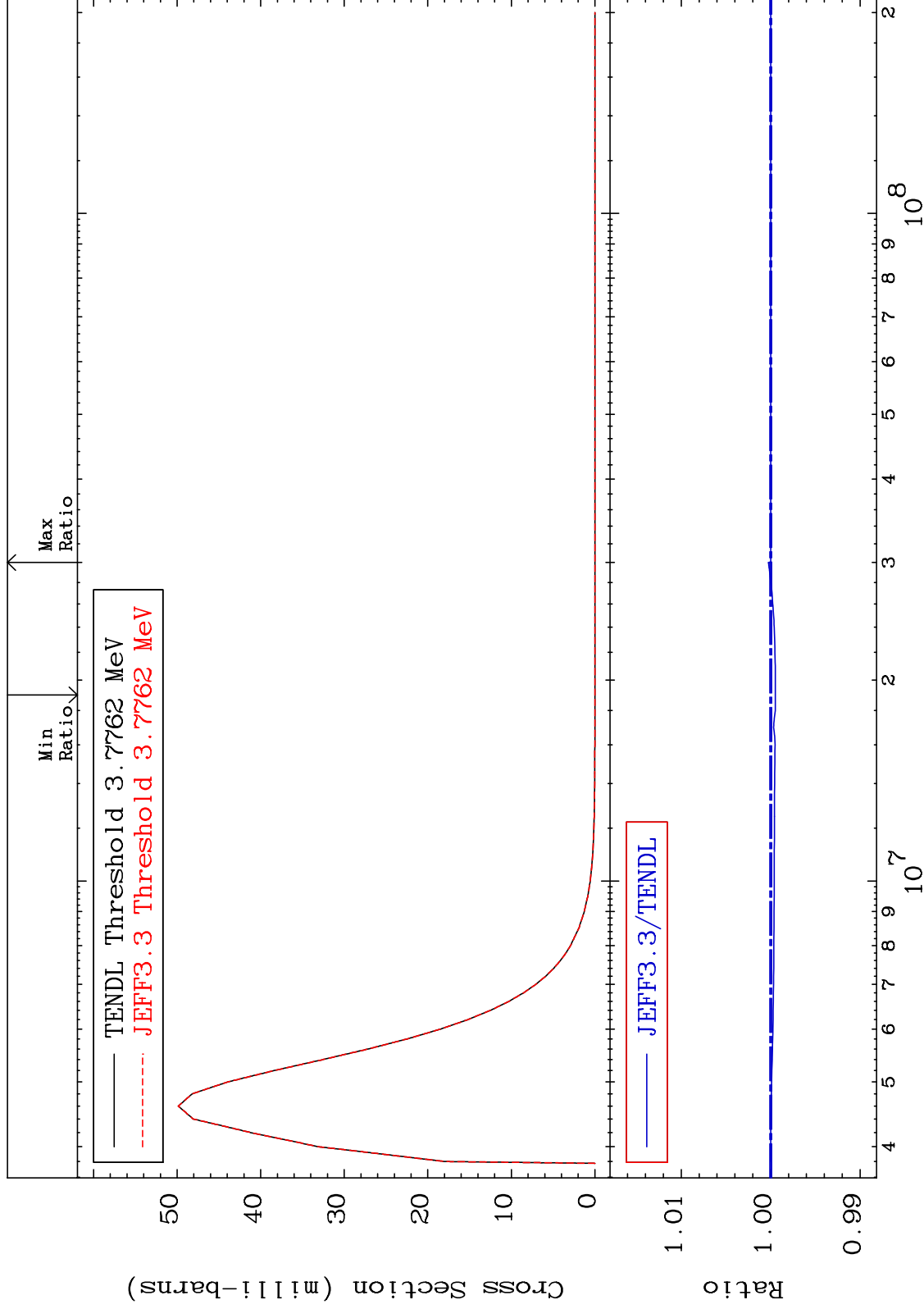




MAT 2643

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

26-Fe-60  
-0.052 To 0.026 %

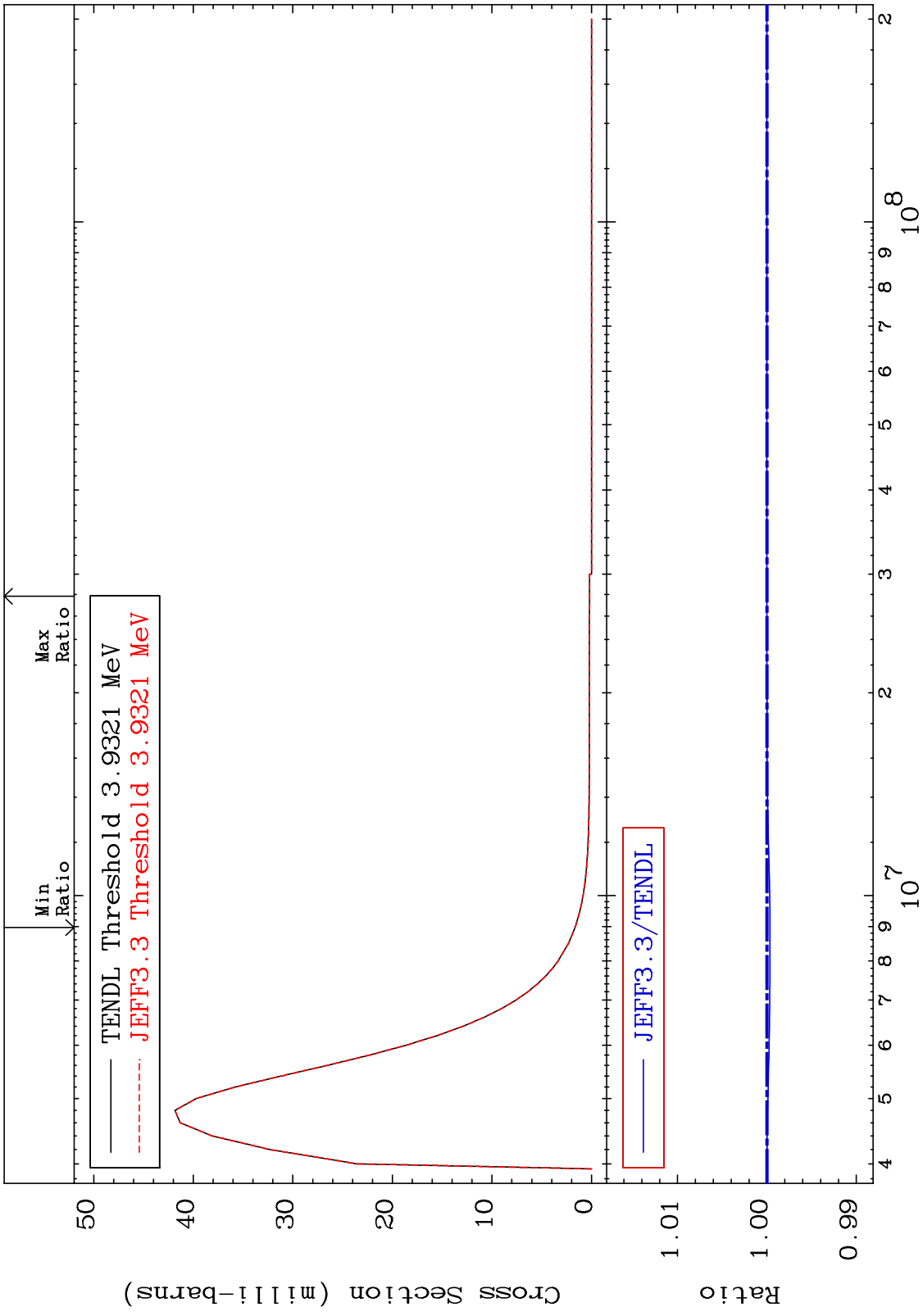


40

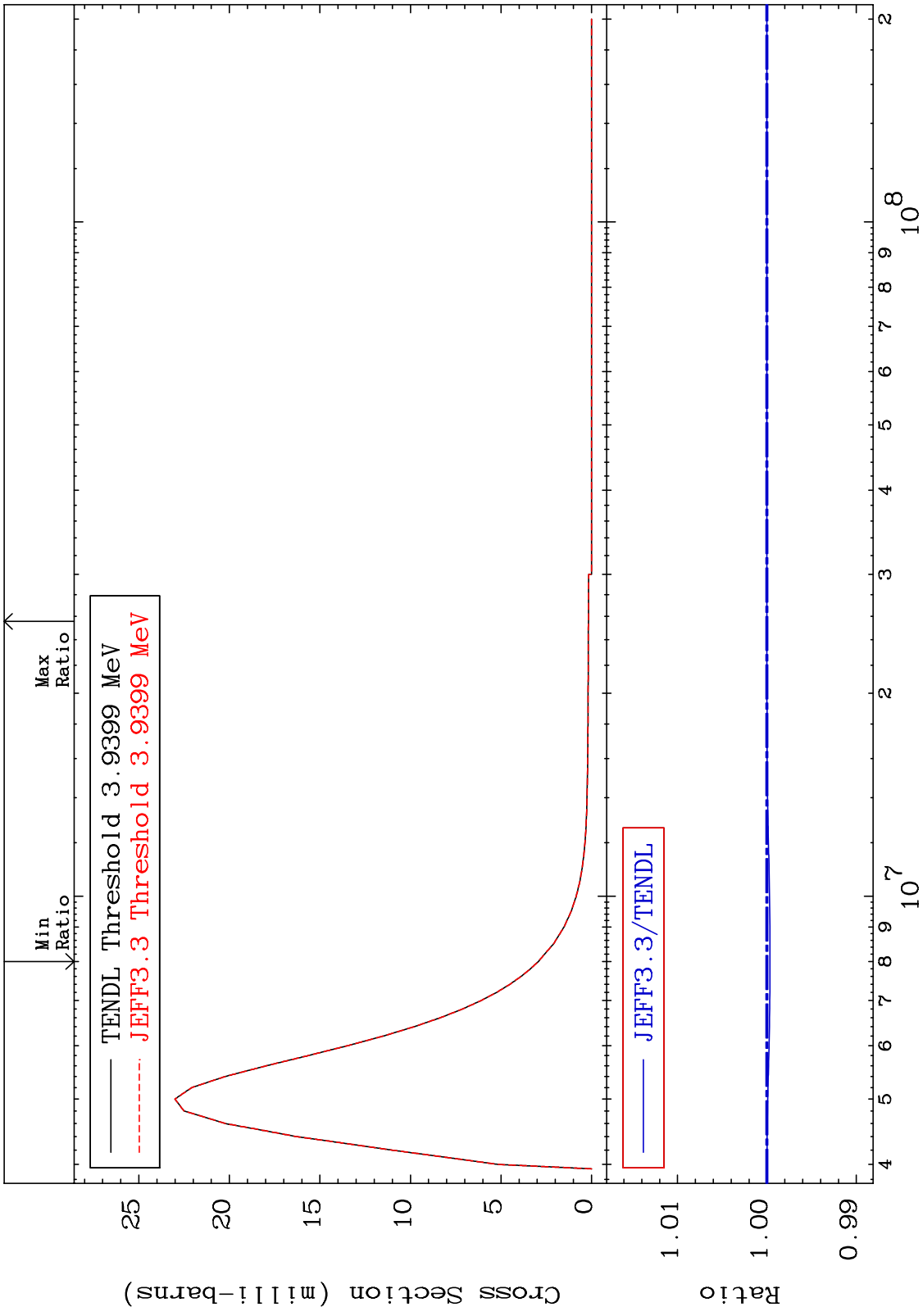
Incident Energy (eV)

26-Fe-60

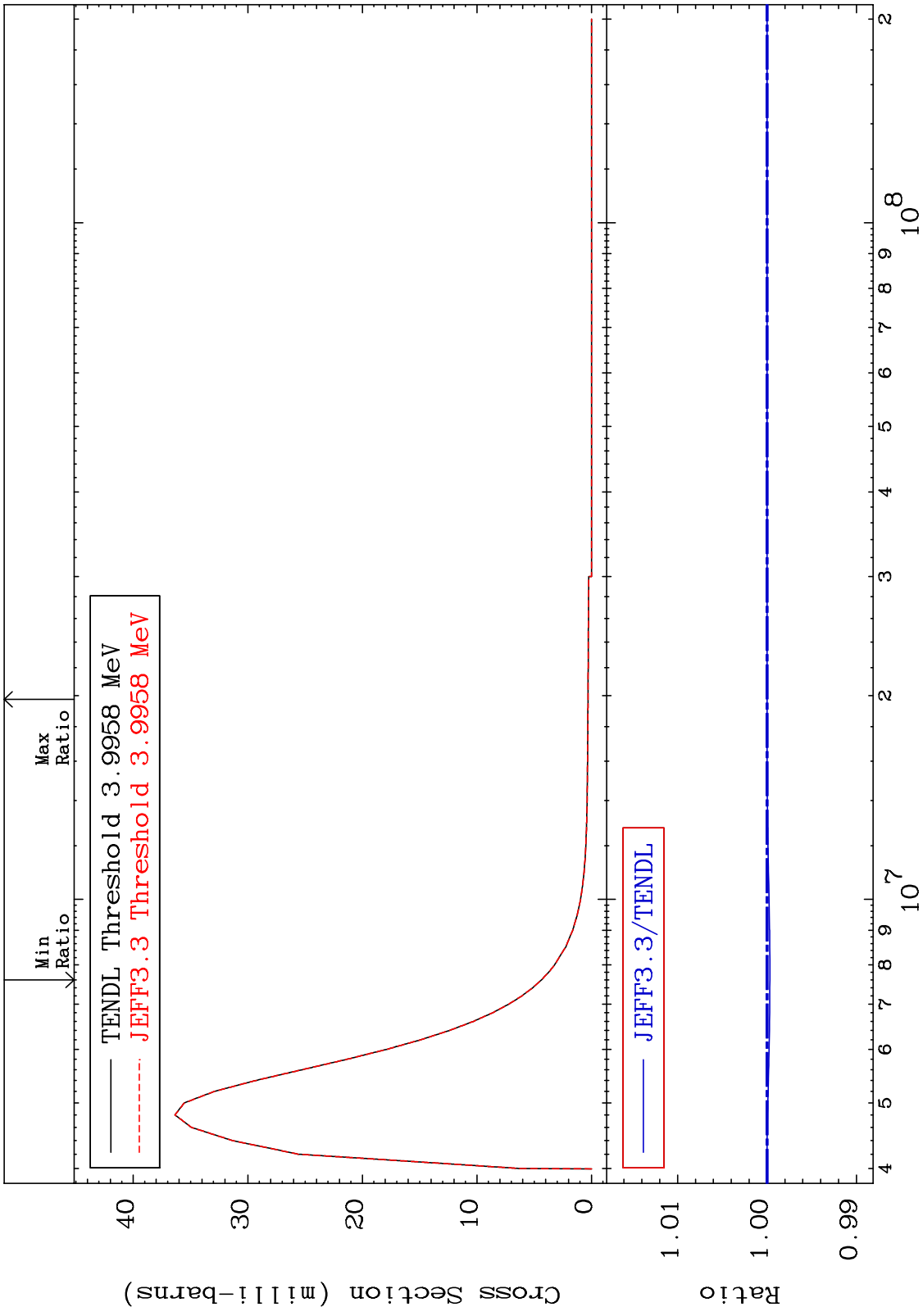
MAT 2643 MT= 73 (n,n') Level Cross Section 26-Fe-60 -0.033 To 0.000 %



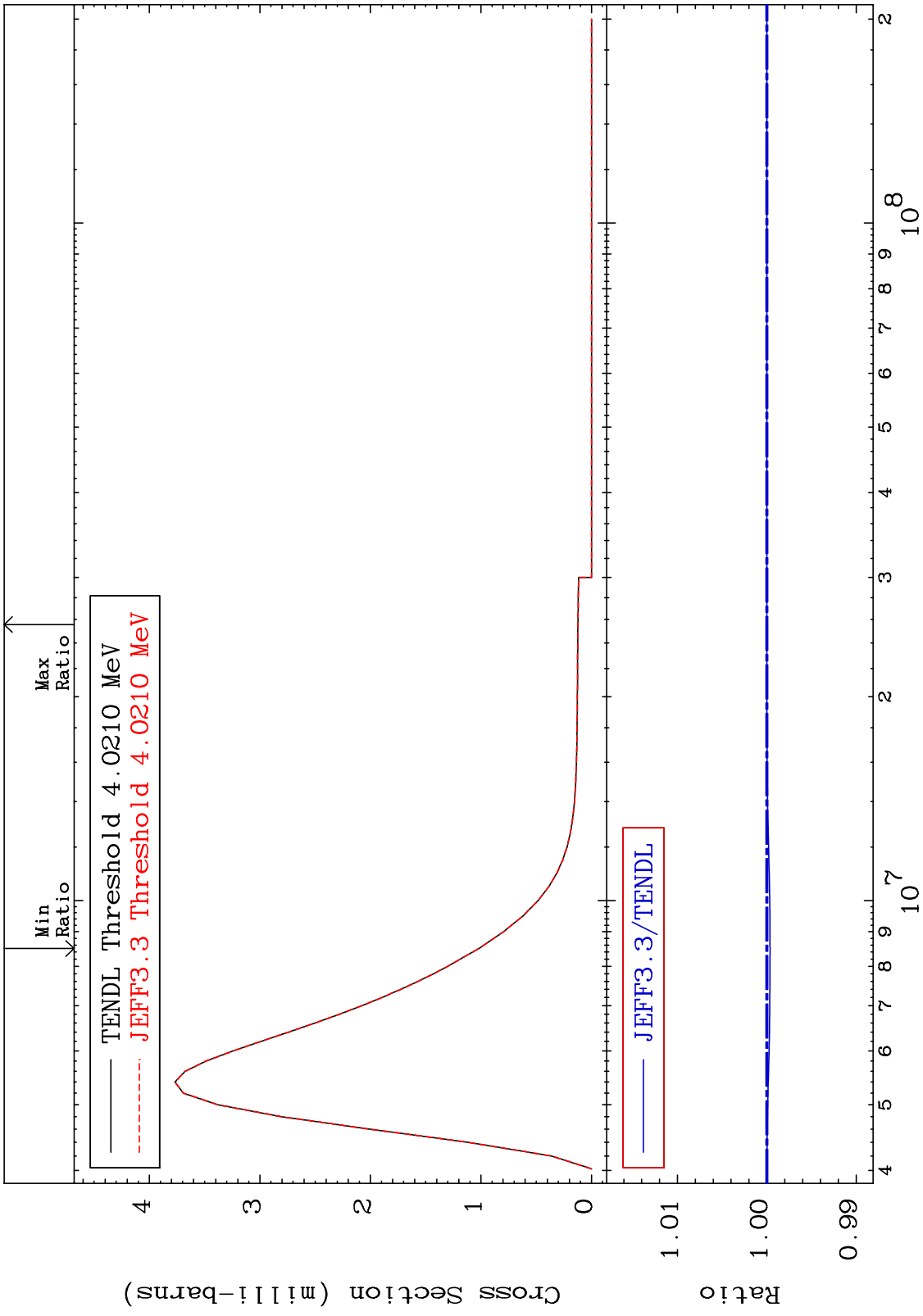
MAT 2643 MT= 74 (n,n') Level Cross Section -0.034 To 0.000 % 26-Fe-60



MAT 2643      MT= 75 (n,n') Level      26-Fe-60  
 Cross Section      -0.032 To 0.000 %

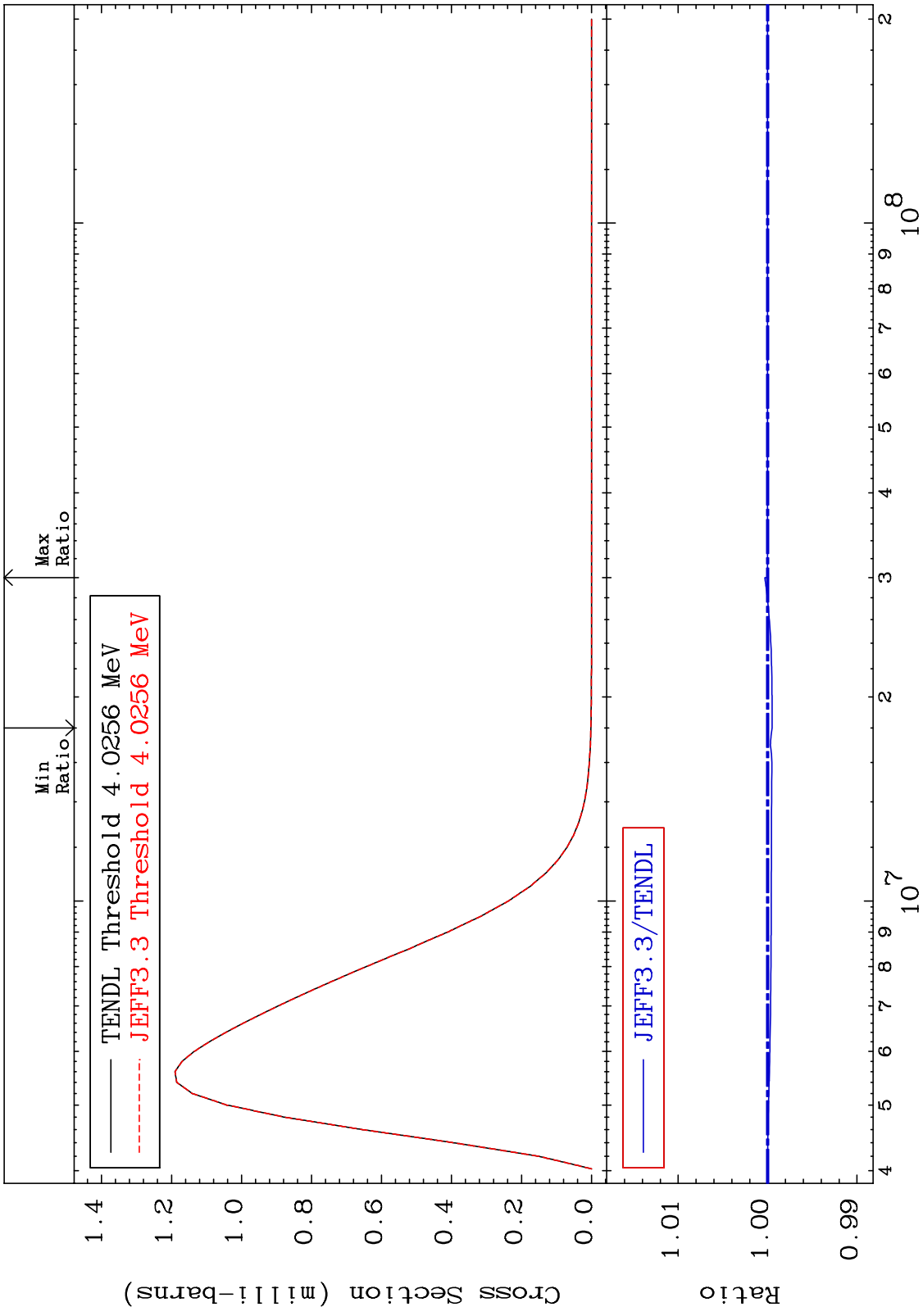


MAT 2643 MT= 76 (n,n') Level Cross Section 26-Fe-60 -0.035 To 0.000 %

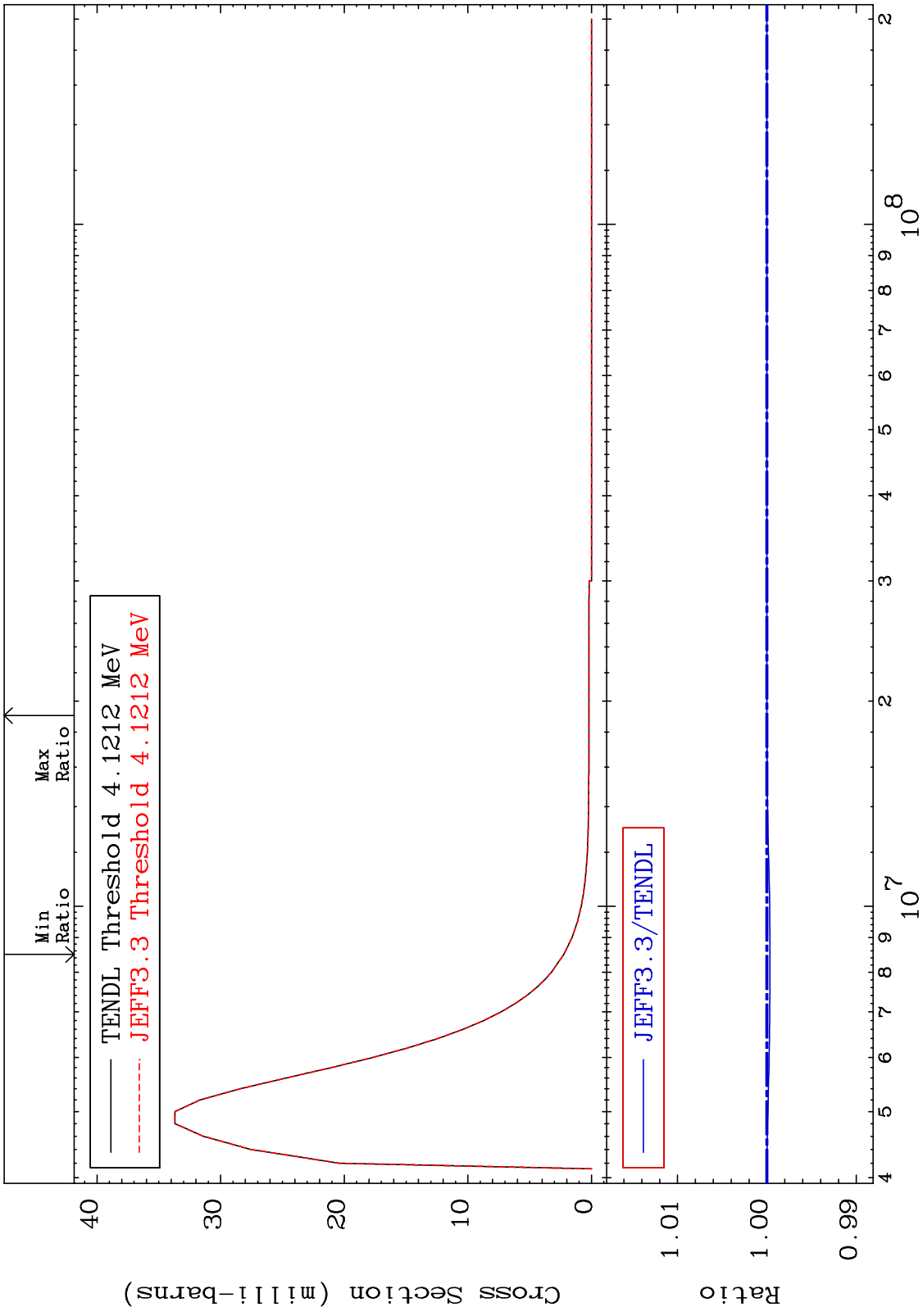


44 26-Fe-60

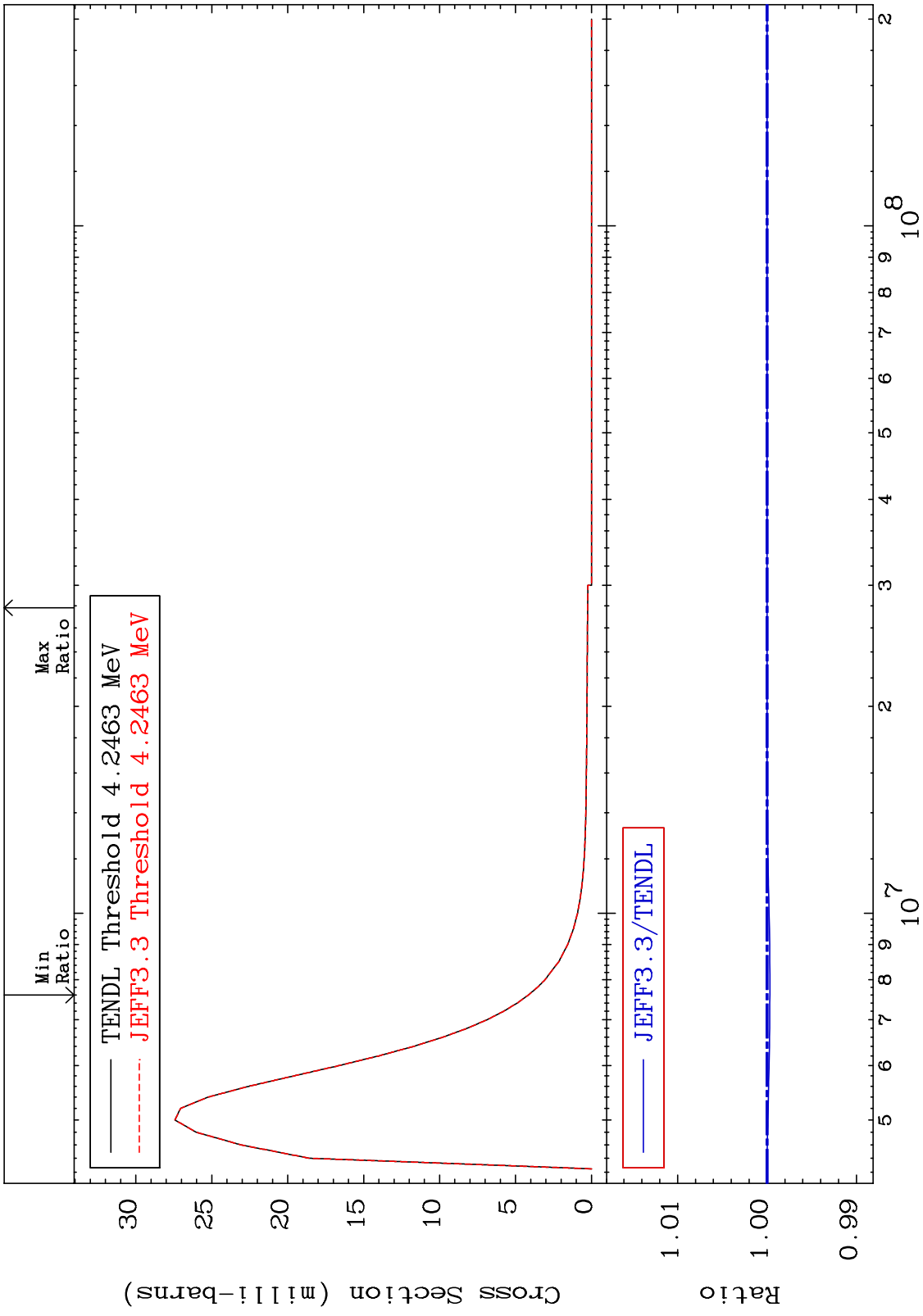
MAT 2643 MT= 77 (n,n') Level Cross Section 26-Fe-60  
-0.050 To 0.032 %



MAT 2643 MT= 78 (n,n') Level Cross Section 26-Fe-60 -0.034 To 0.000 %



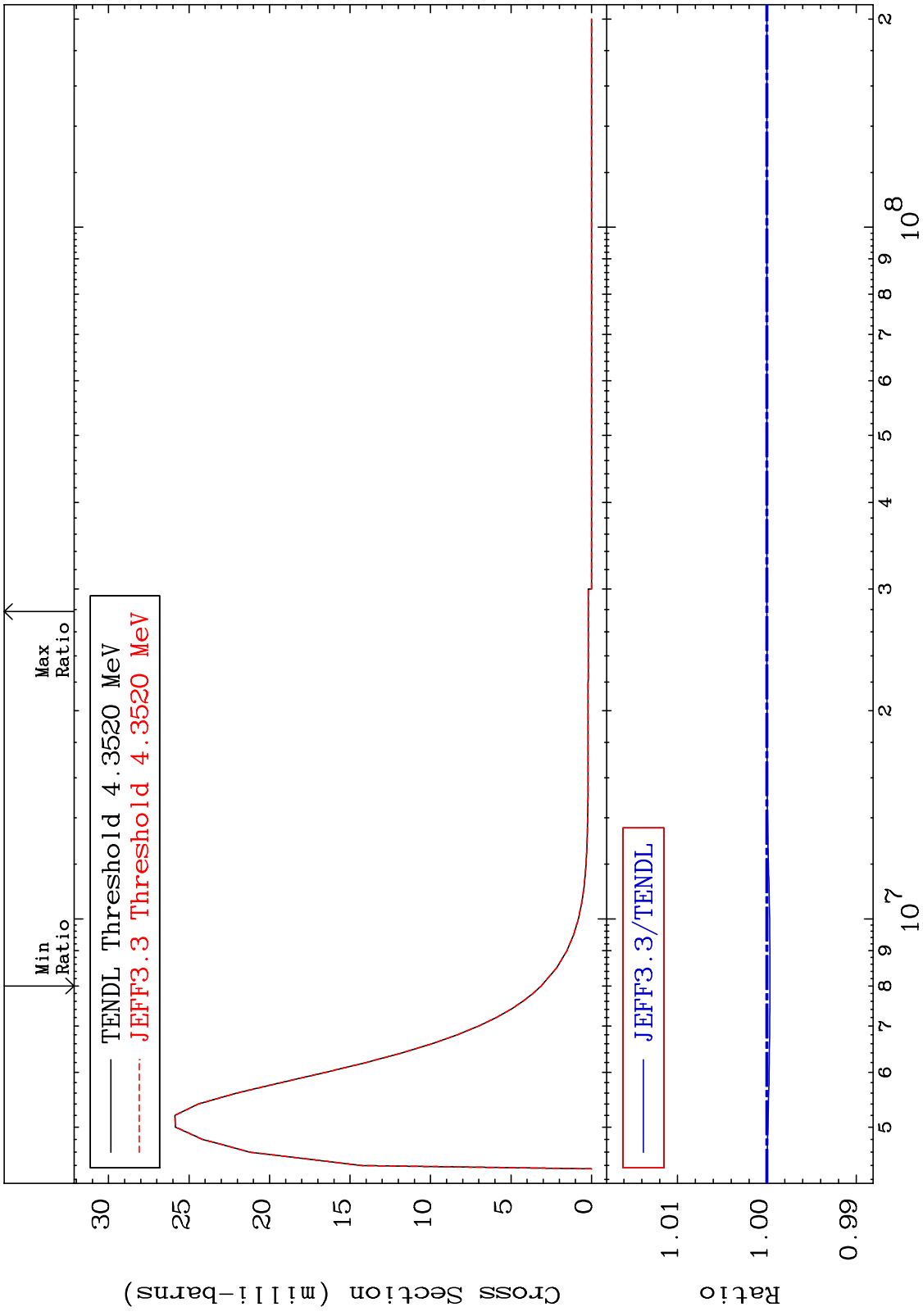
MAT 2643      MT= 79 (n,n') Level      26-Fe-60  
 Cross Section      -0.032 To 0.000 %



47      Incident Energy (eV)      26-Fe-60

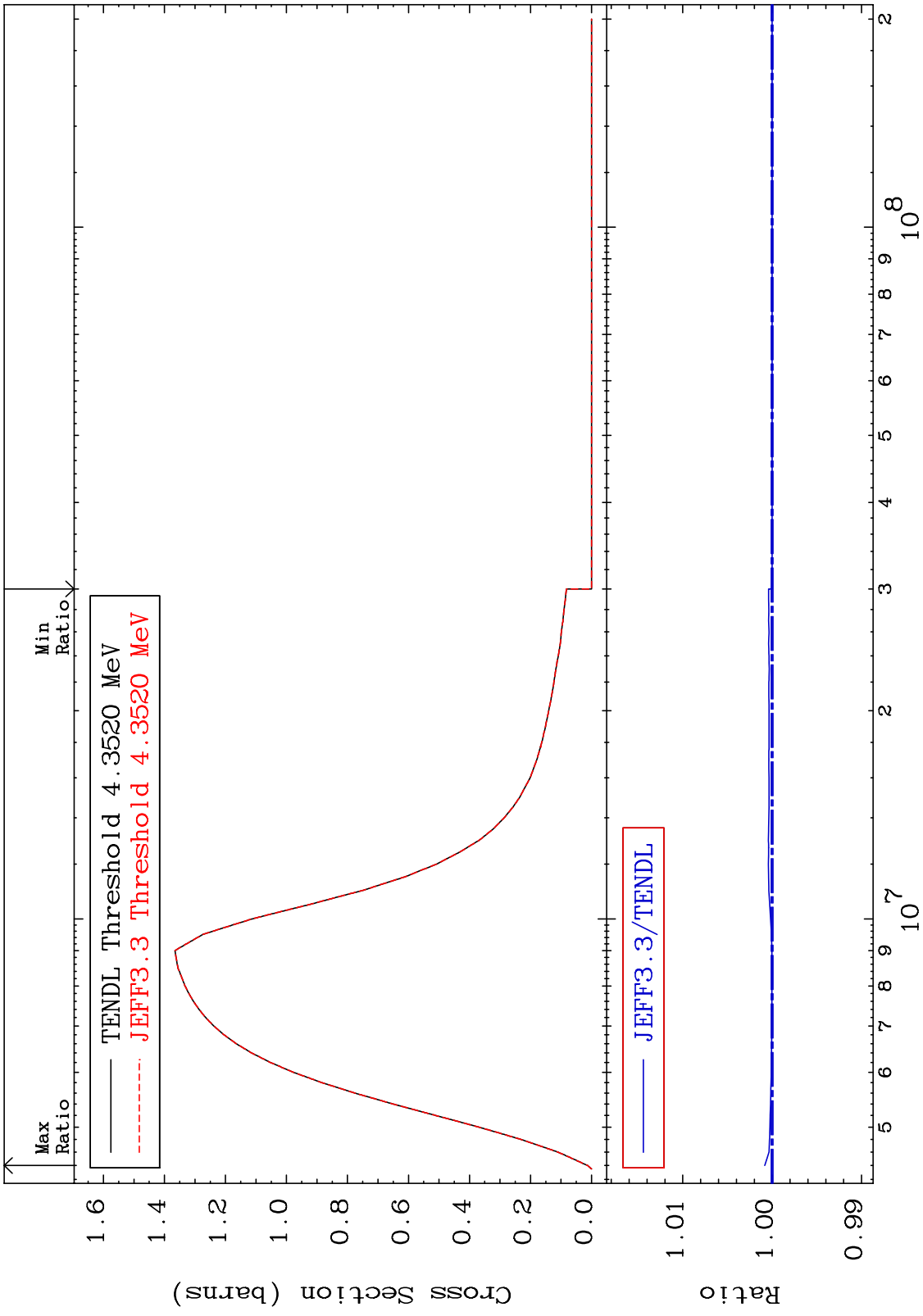


MAT 2643 MT= 80 (n,n') Level Cross Section 26-Fe-60  
 -0.034 To 0.000 %



48 Incident Energy (eV) 26-Fe-60

MAT 2643 (n,n') Continuum Cross Section 26-Fe-60 To 0.083 %



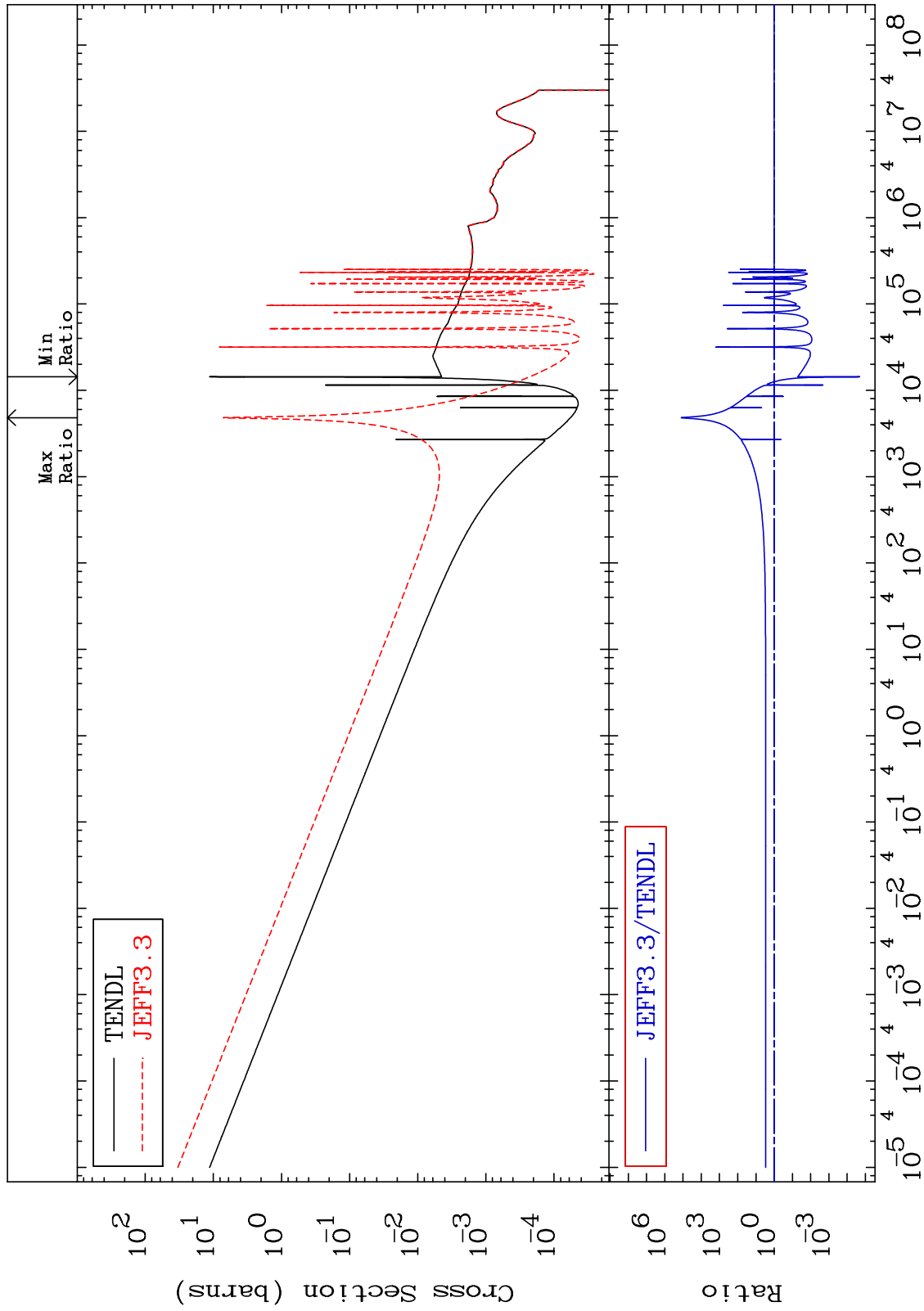
MAT 2643

(n,  $\gamma$ )

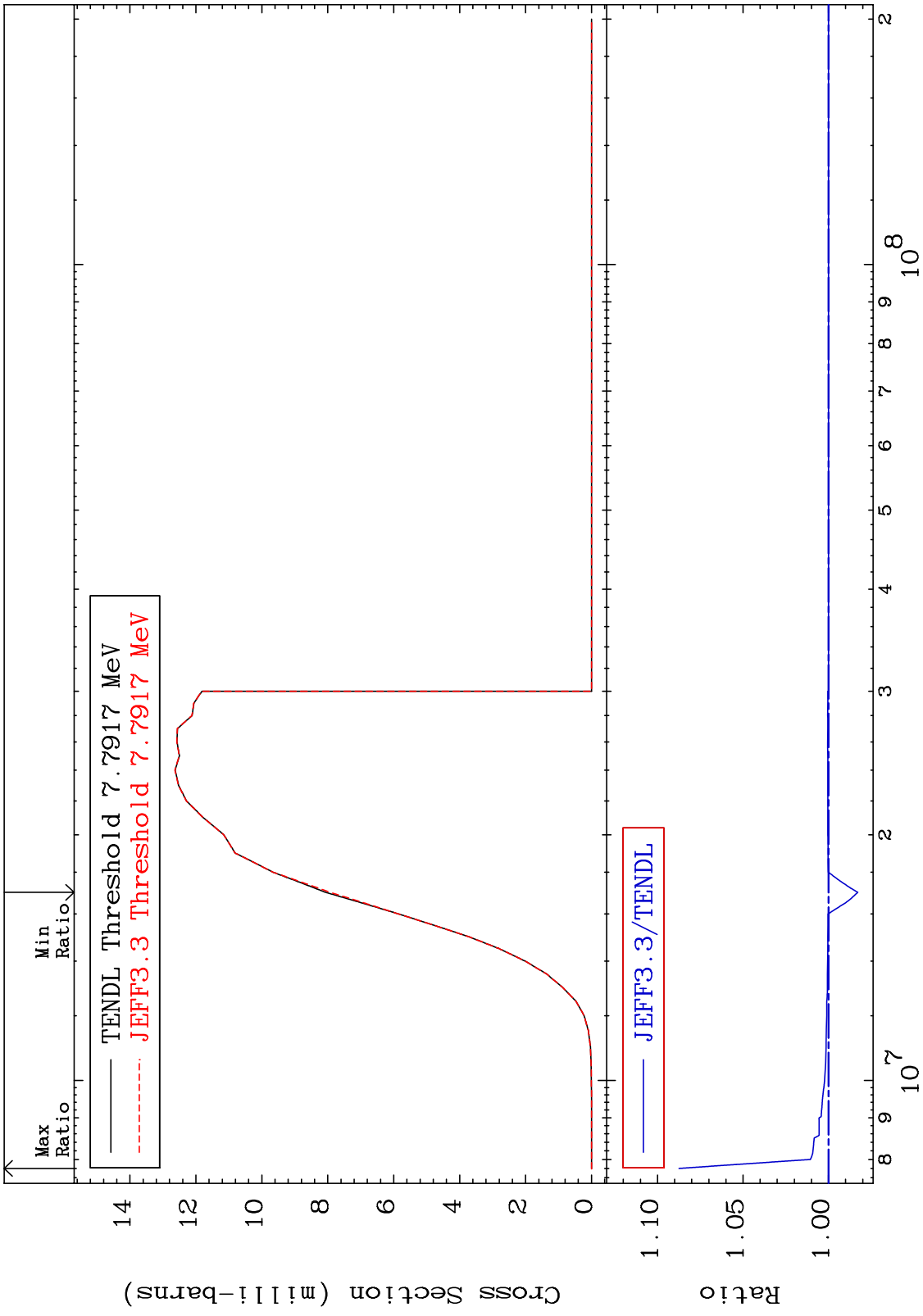
26-Fe-60

-100.0 To 9999. %

Cross Section

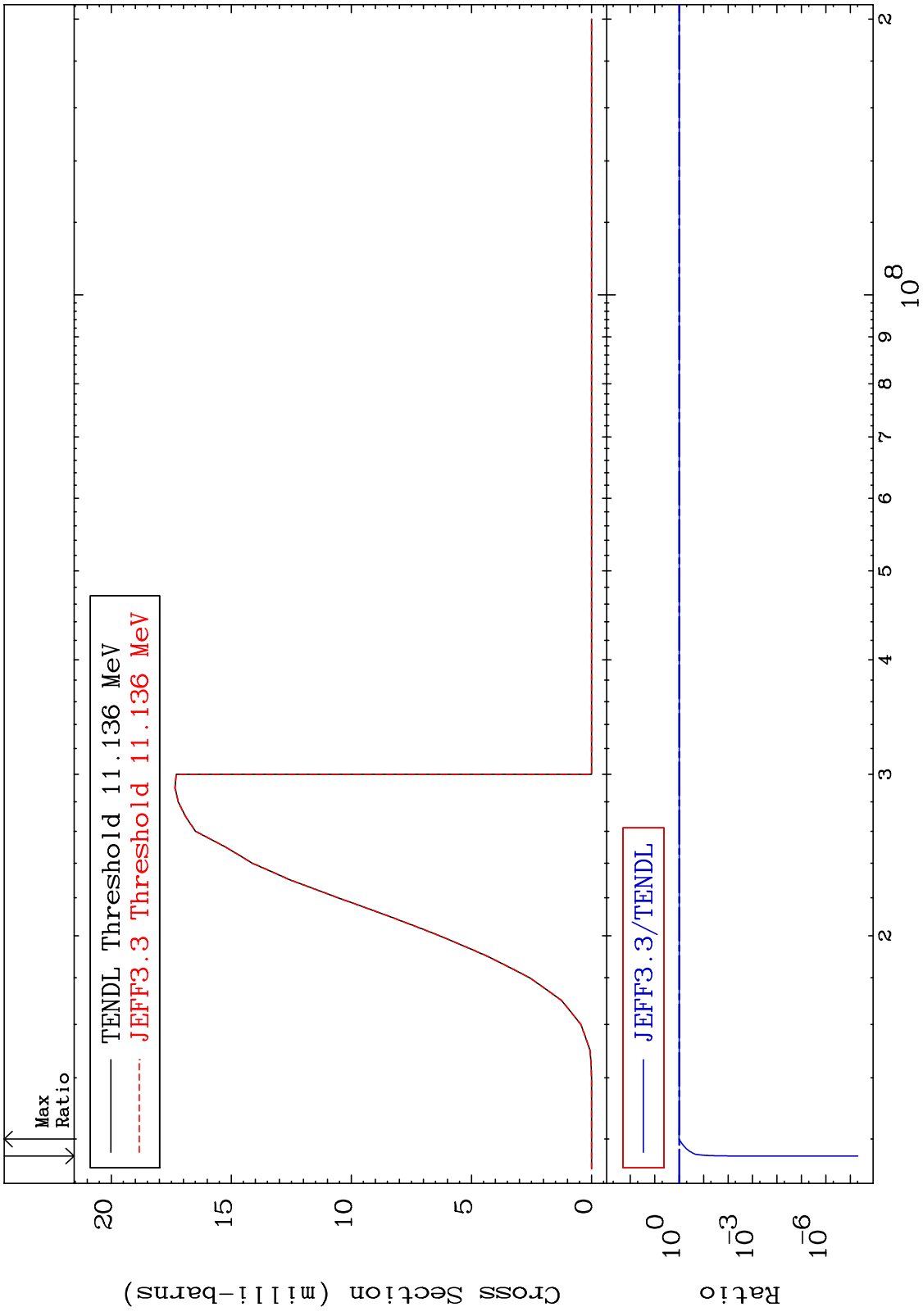


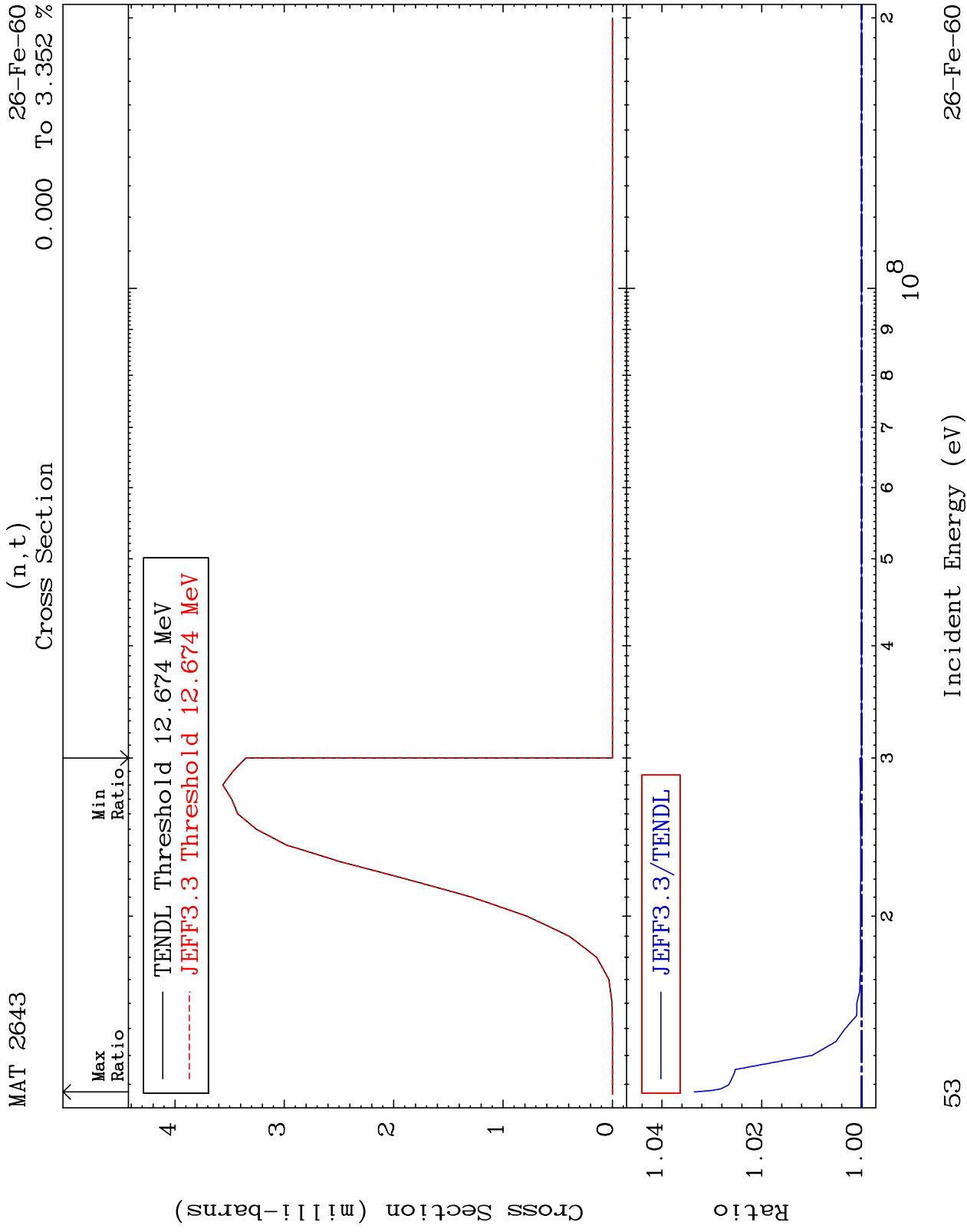
MAT 2643 (n,p) Cross Section 26-Fe-60 -1.714 To 8.741 %



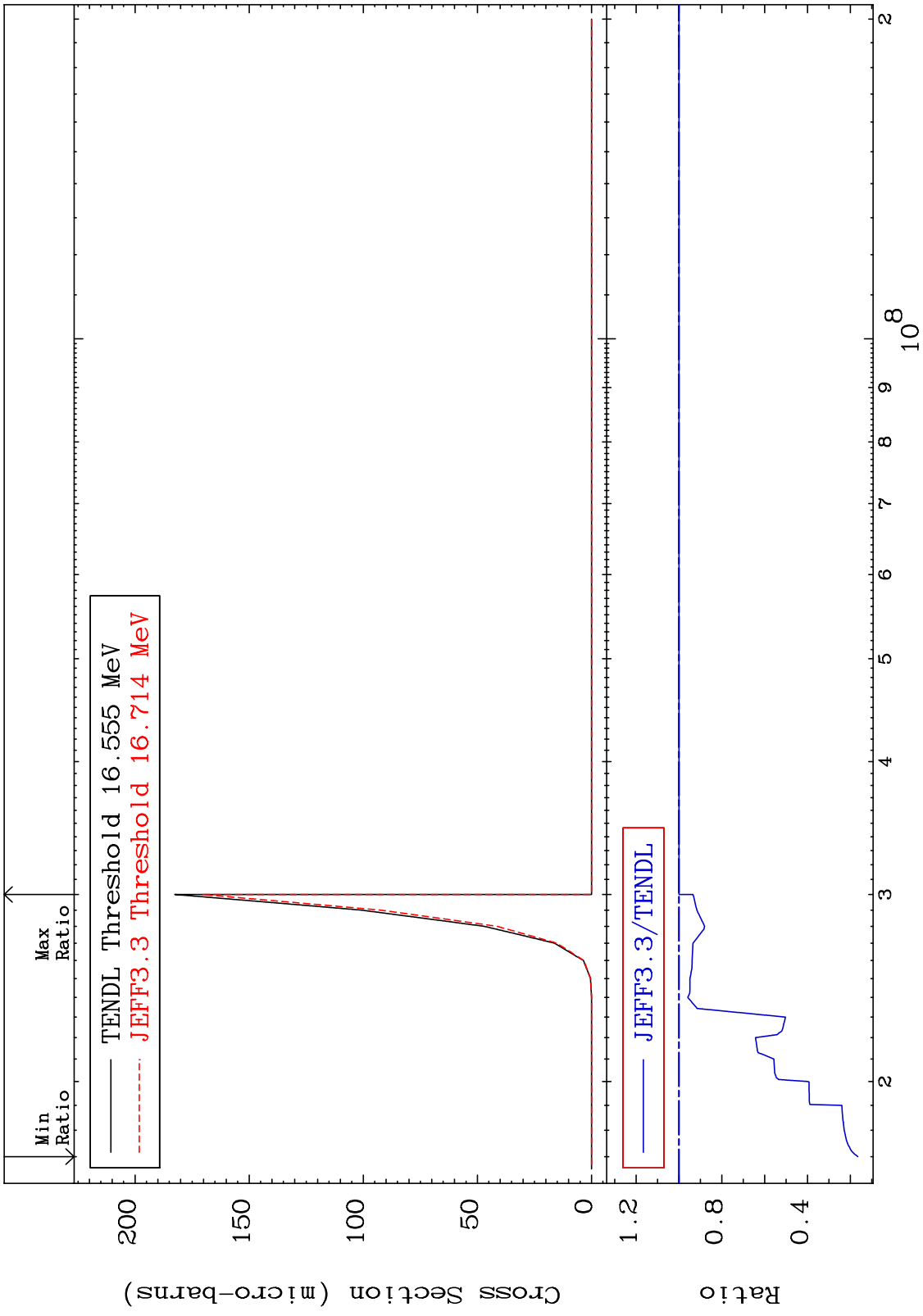
51 26-Fe-60 Incident Energy (eV)

MAT 2643 (n,d) Cross Section 26-Fe-60 -100.0 To 1.224 %

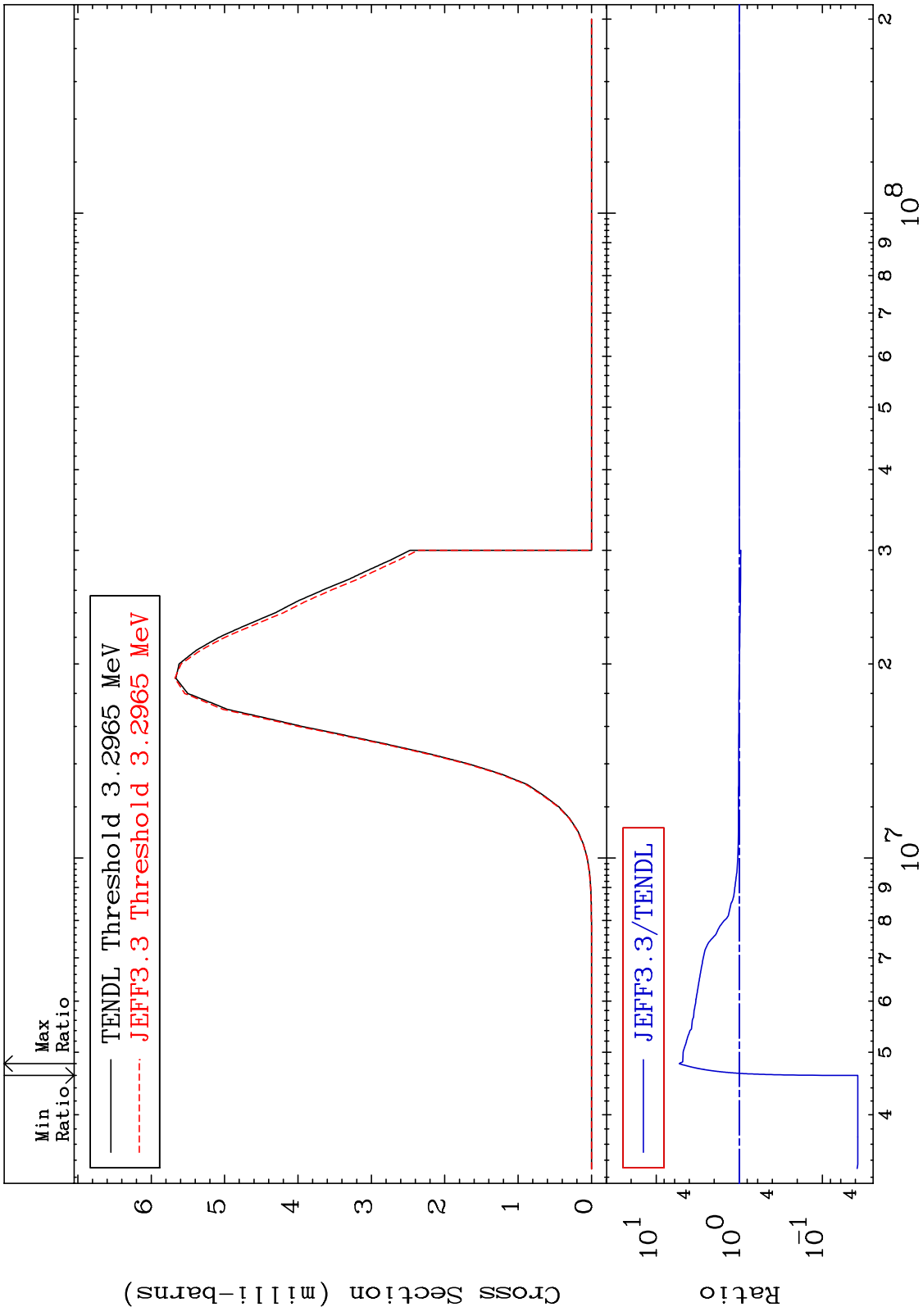




MAT 2643 (n, He-3) 26-Fe-60  
 Cross Section -83.50 To 0.000 %

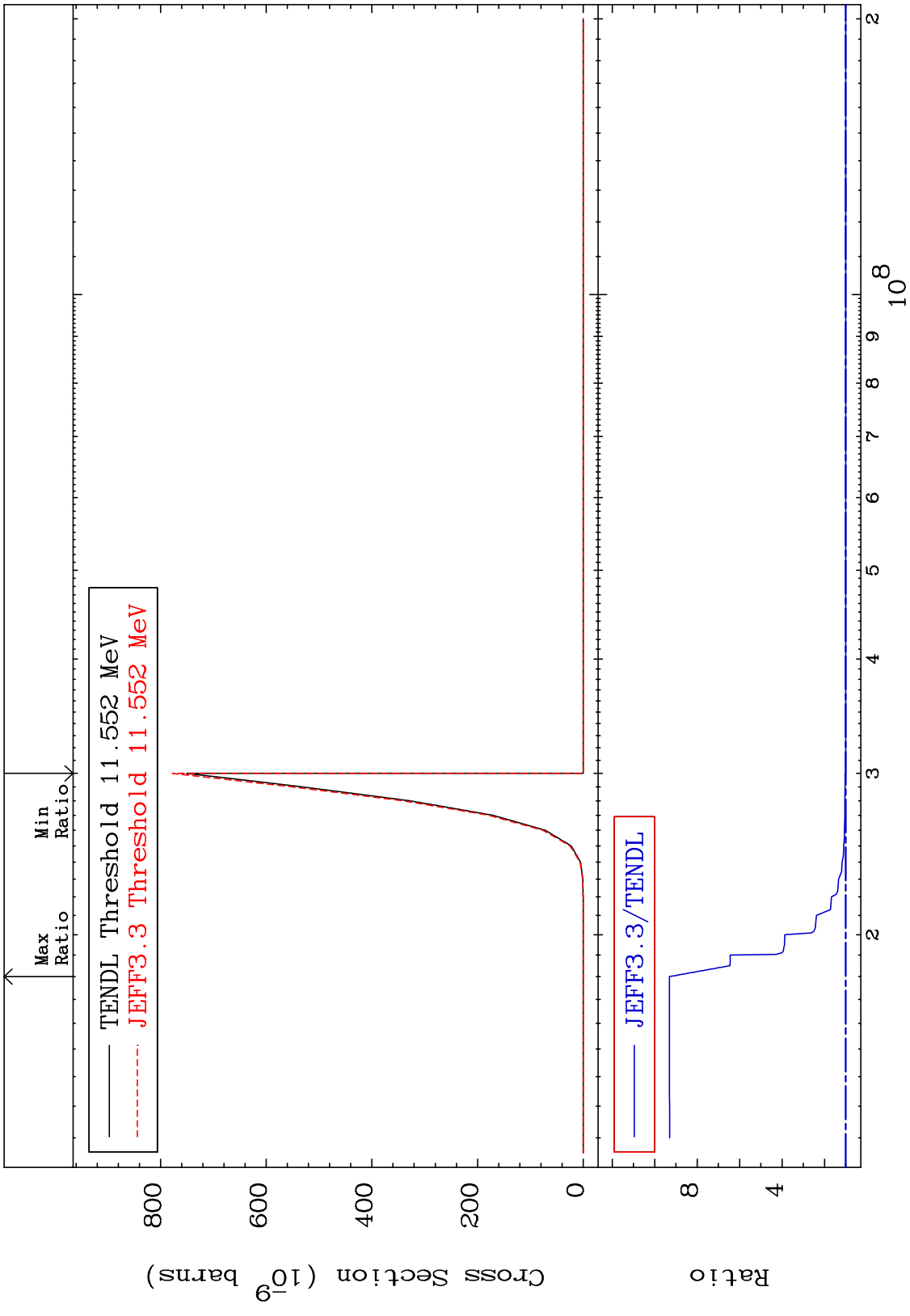


MAT 2643 (n,α) 26-Fe-60  
Cross Section -96.26 To 430.1 %

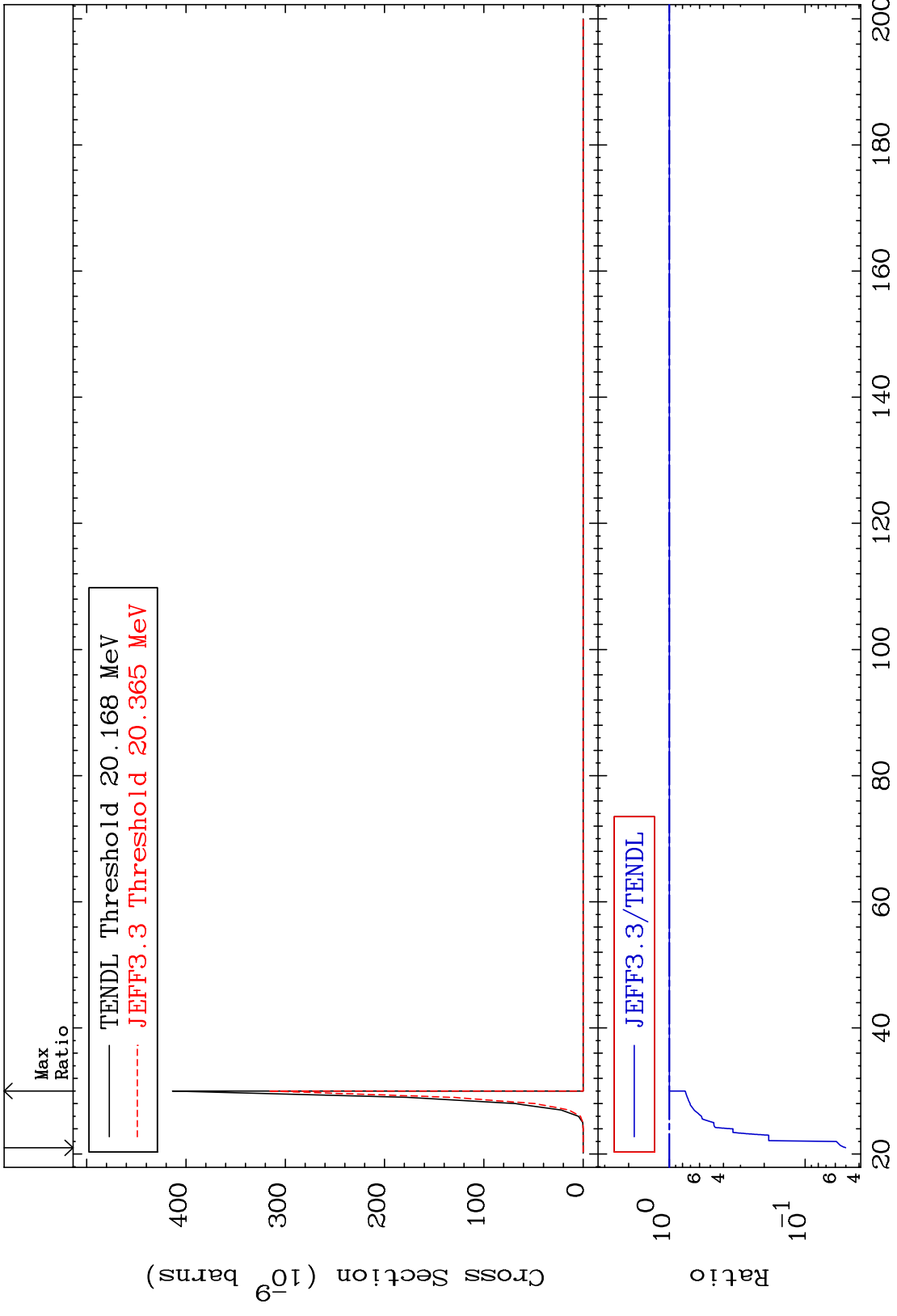




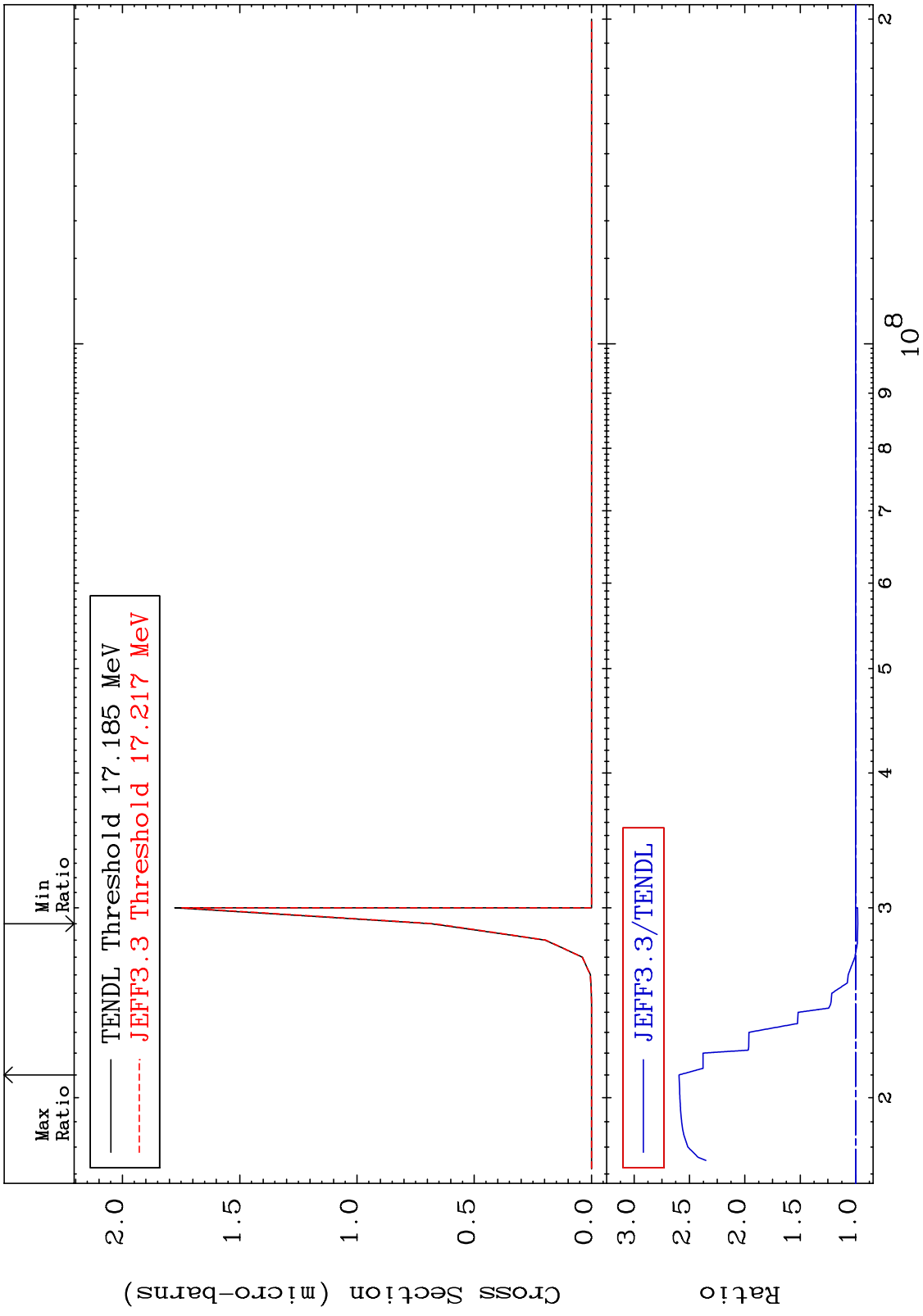
MAT 2643  $(n, 2\alpha)$  Cross Section 26-Fe-60 To 830.4 %



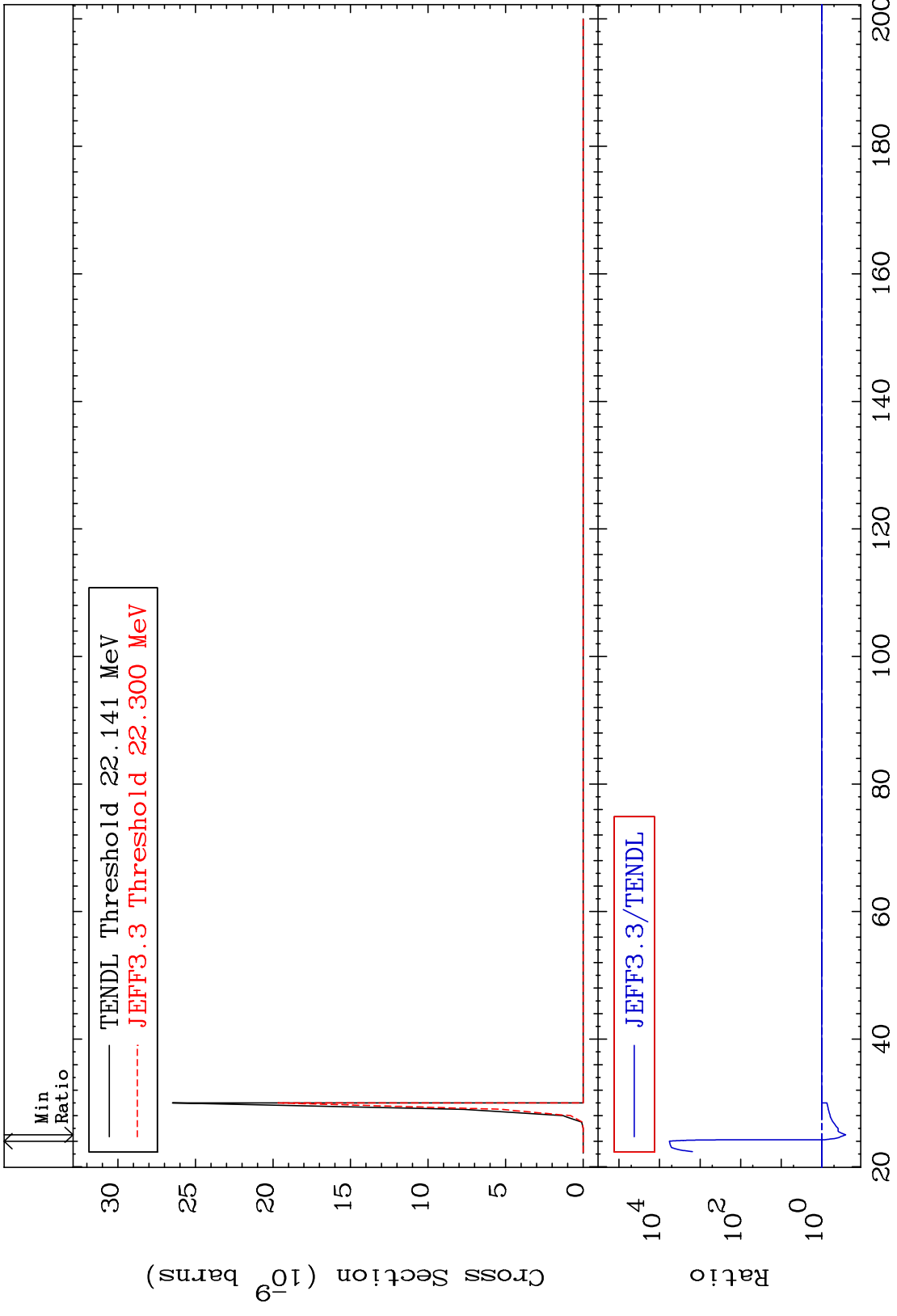
MAT 2643 (n,2p) 26-Fe-60  
Cross Section -94.98 To 0.000 %



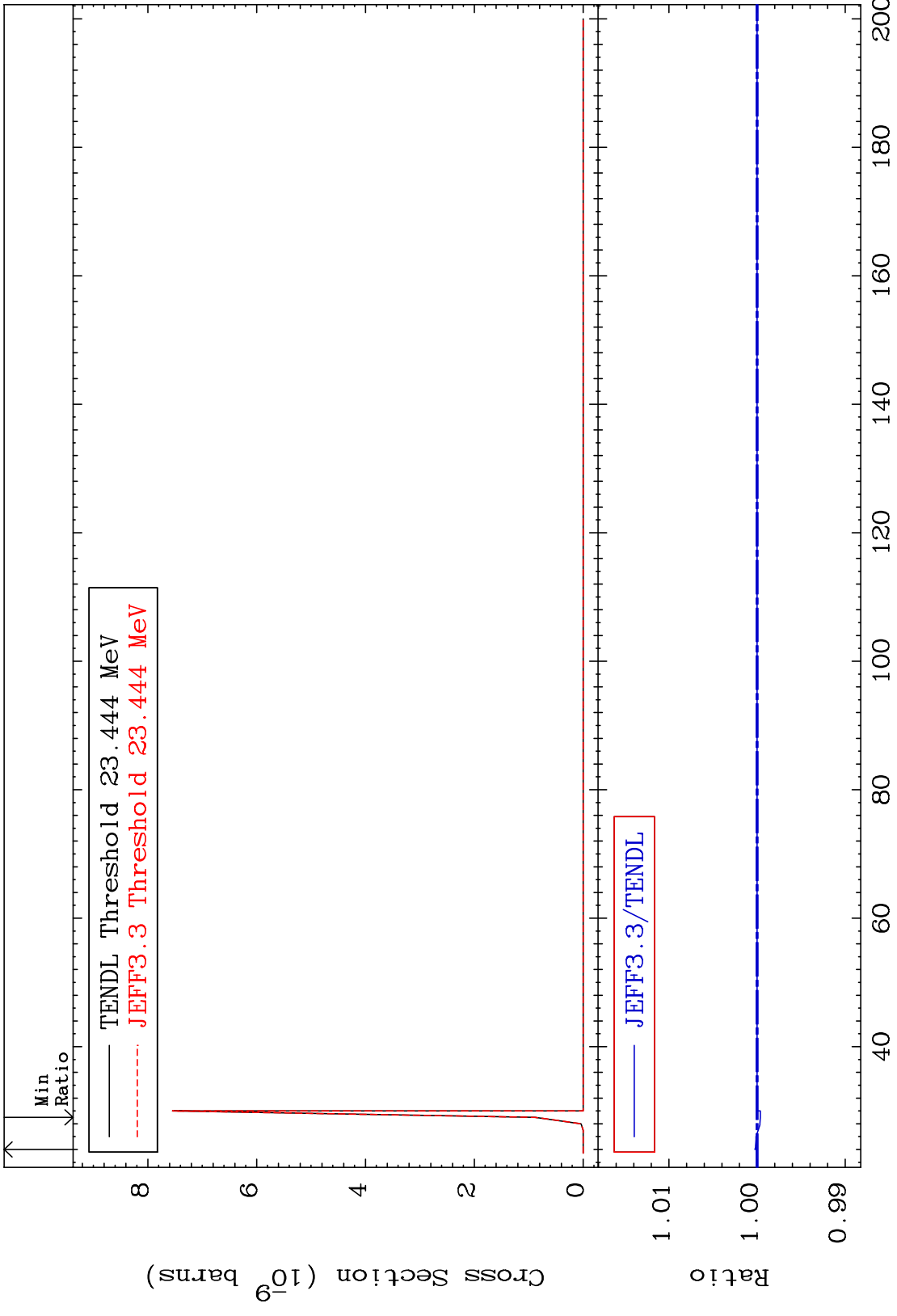
MAT 2643 (n,p)  $\alpha$  26-Fe-60  
 Cross Section -2.001 To 159.4 %



MAT 2643 (n,p) d 26-Fe-60  
Cross Section -74.32 To 9999. %

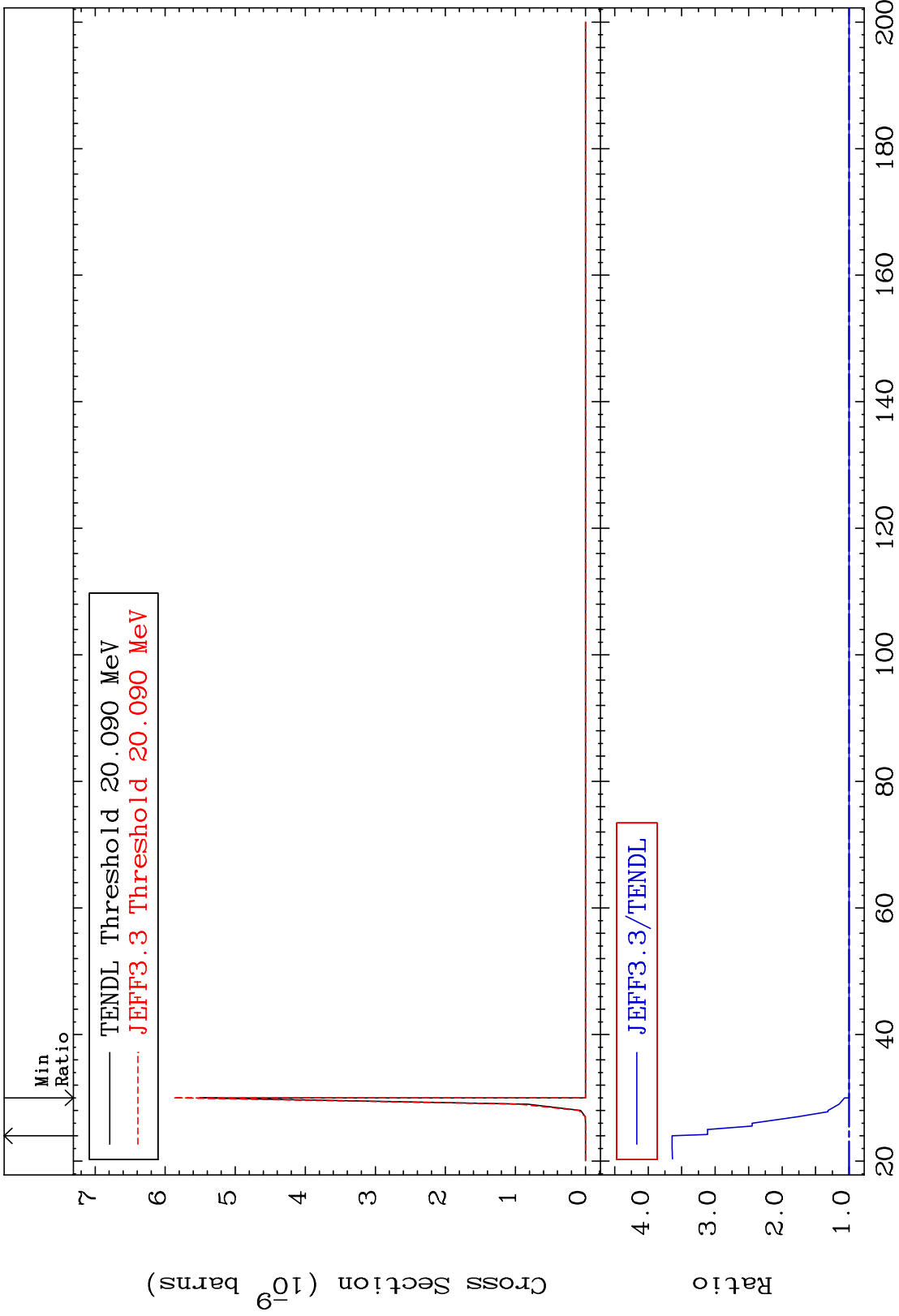


MAT 2643 (n,p) t 26-Fe-60  
Cross Section -0.036 To 0.026 %



60 Incident Energy (MeV) 26-Fe-60

MAT 2643 (n,d)  $\alpha$  26-Fe-60  
Cross Section 0.000 To 264.3 %

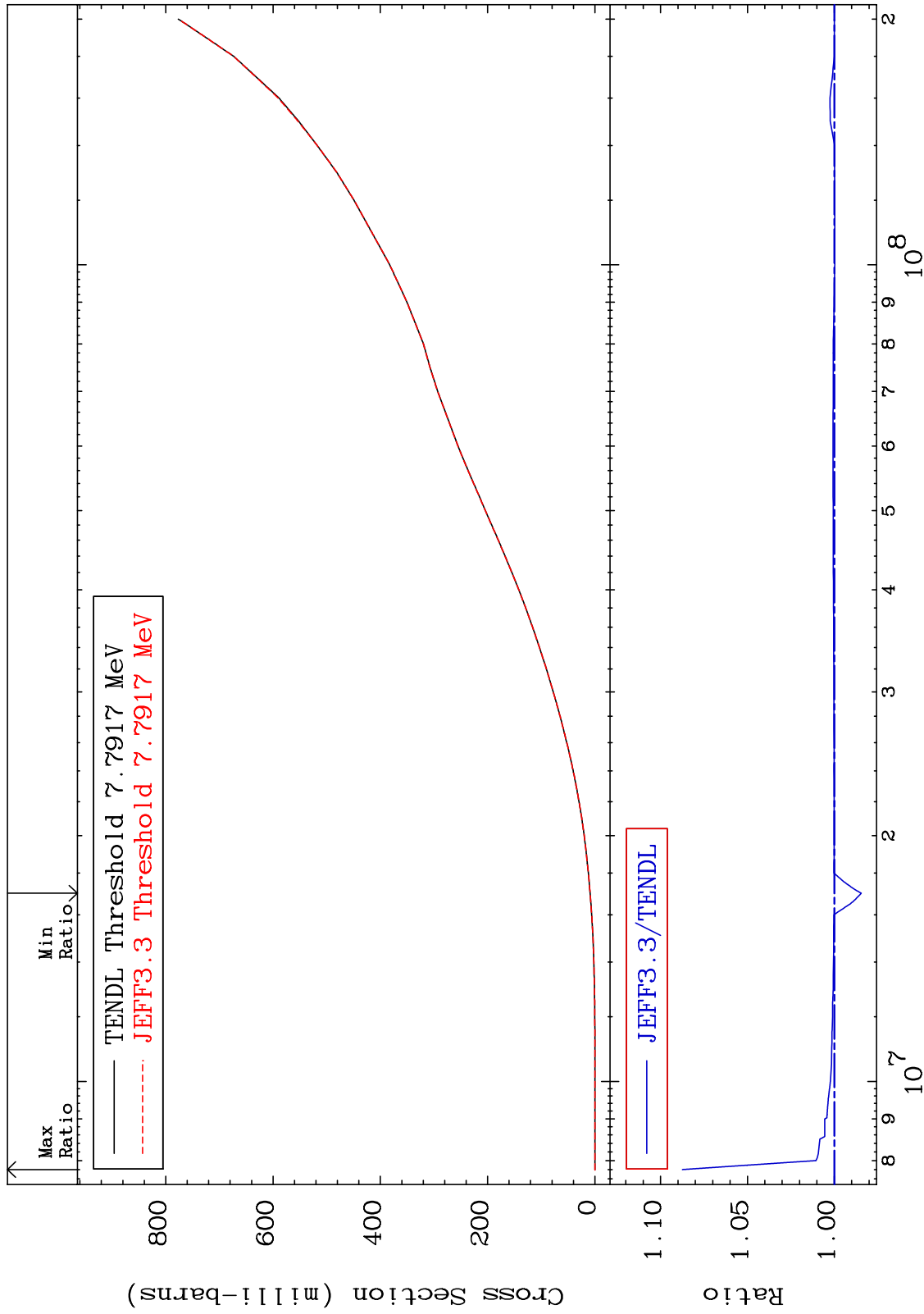


61 26-Fe-60

MAT 2643

Hydrogen Production  
Cross Section

26-Fe-60  
-1.552 To 8.741 %



62

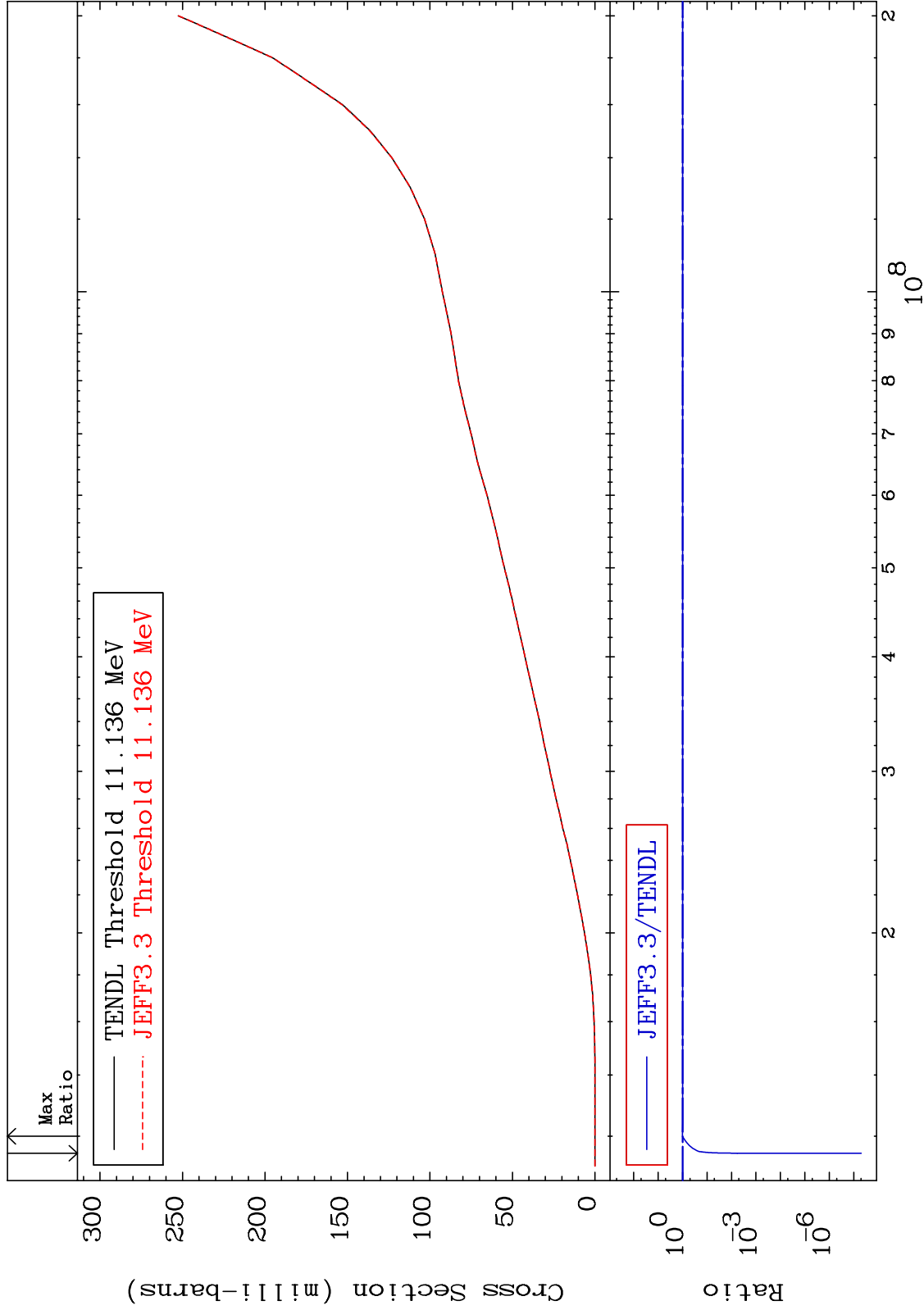
Incident Energy (eV)

26-Fe-60

MAT 2643

Deuterium Production  
Cross Section

<sup>26</sup>Fe-60  
-100.0 To 1.224 %



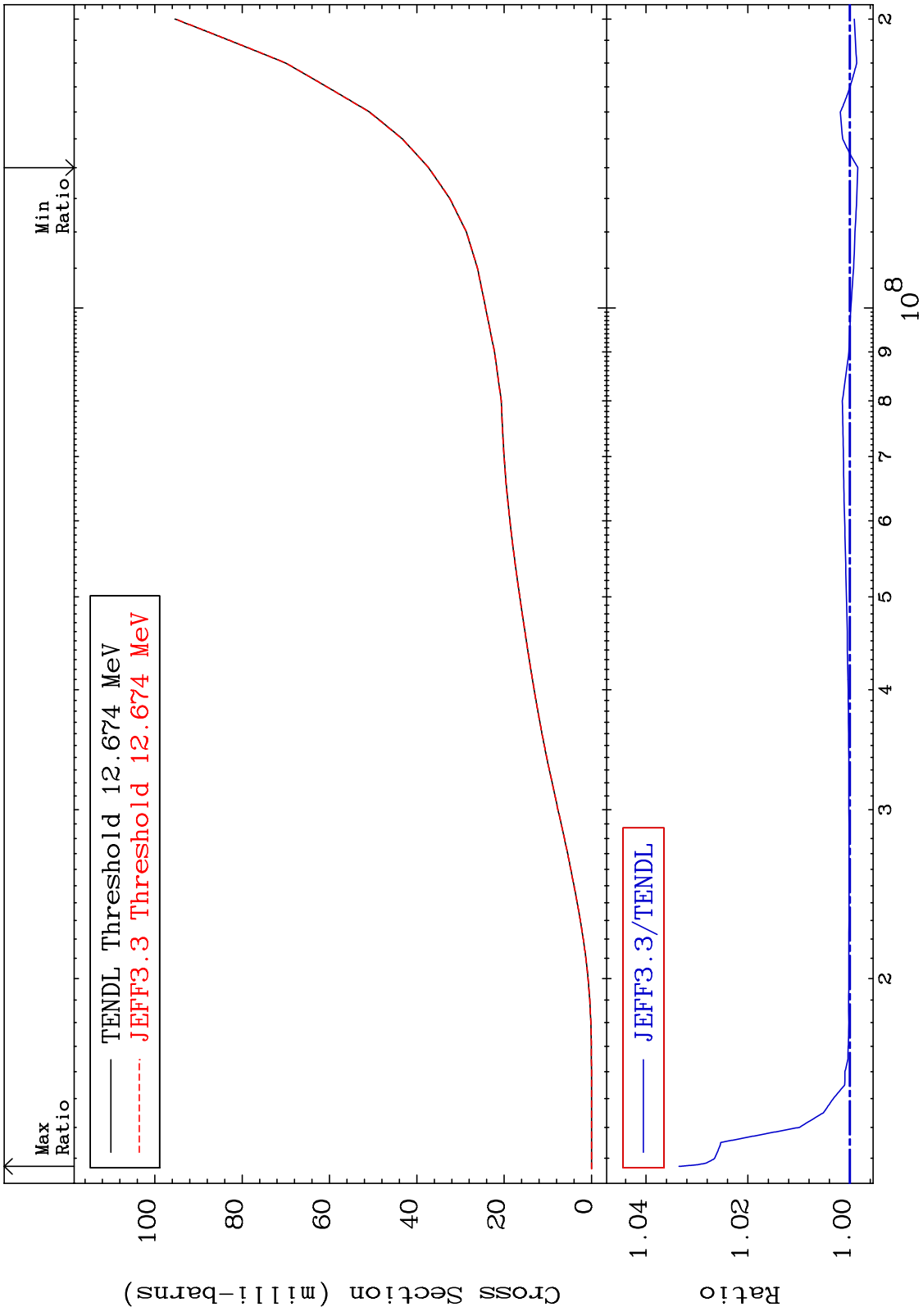
63

Incident Energy (eV)

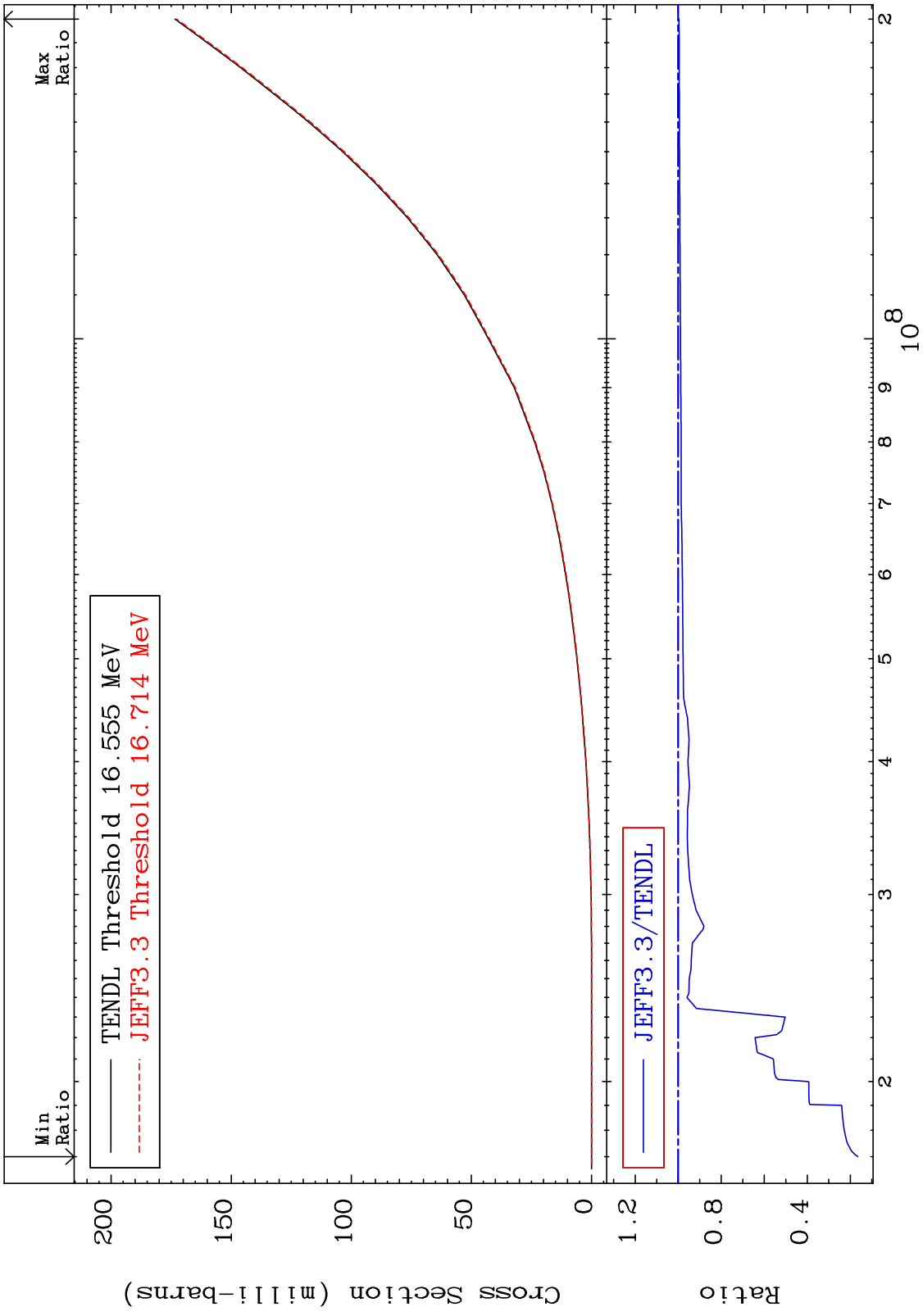
<sup>26</sup>Fe-60



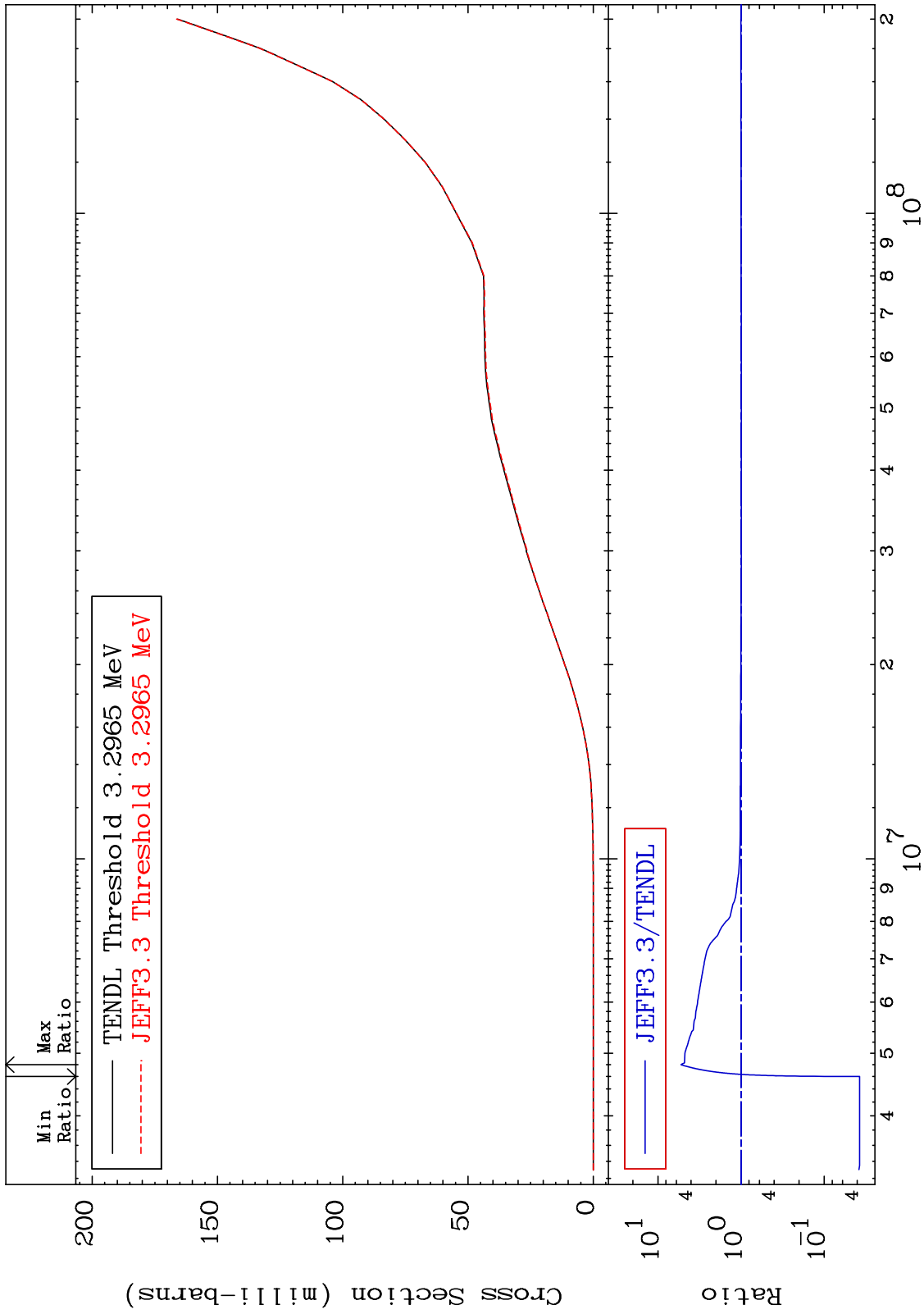
MAT 2643 Tritium Production Cross Section 26-Fe-60  
 -0.157 To 3.352 %



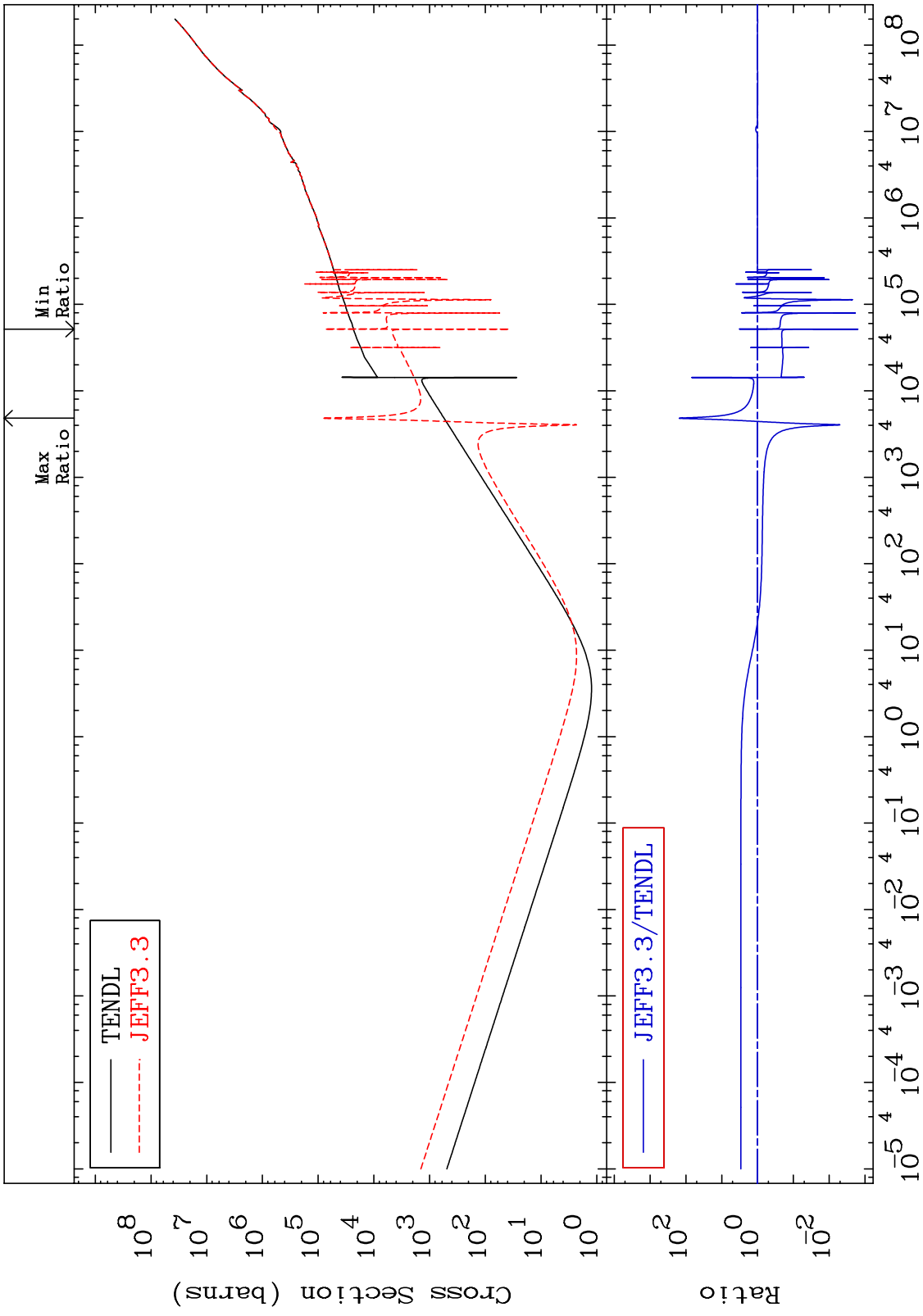
MAT 2643 He-3 Production Cross Section 26-Fe-60  
 -83.50 To -0.389%



MAT 2643 He-4 Production Cross Section -96.26 To 430.1 % 26-Fe-60



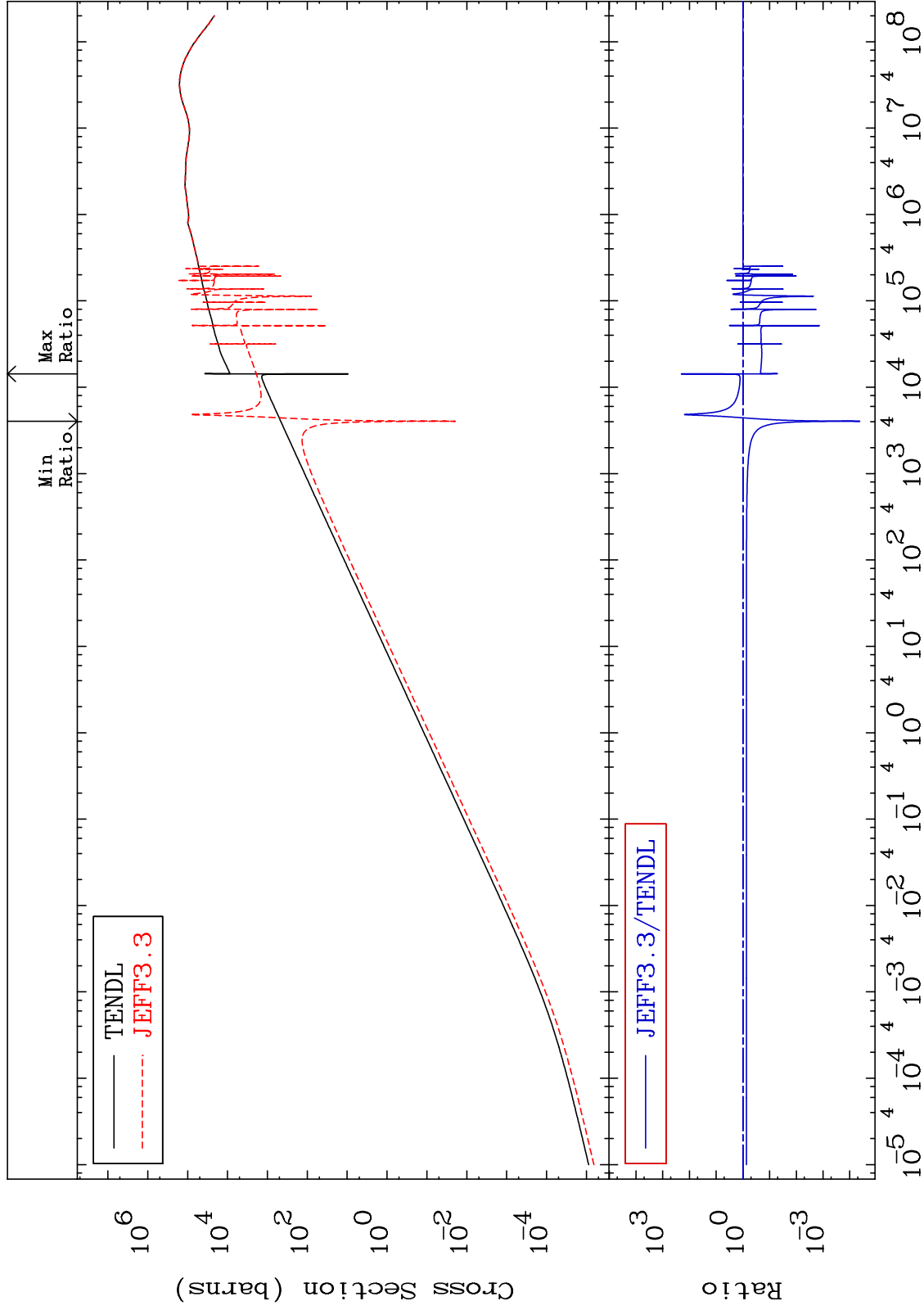
MAT 2643      Kerma total (eV-barns)      26-Fe-60  
 Cross Section      -99.84 To 9999. %



MAT 2643

Kerma elastic  
Cross Section

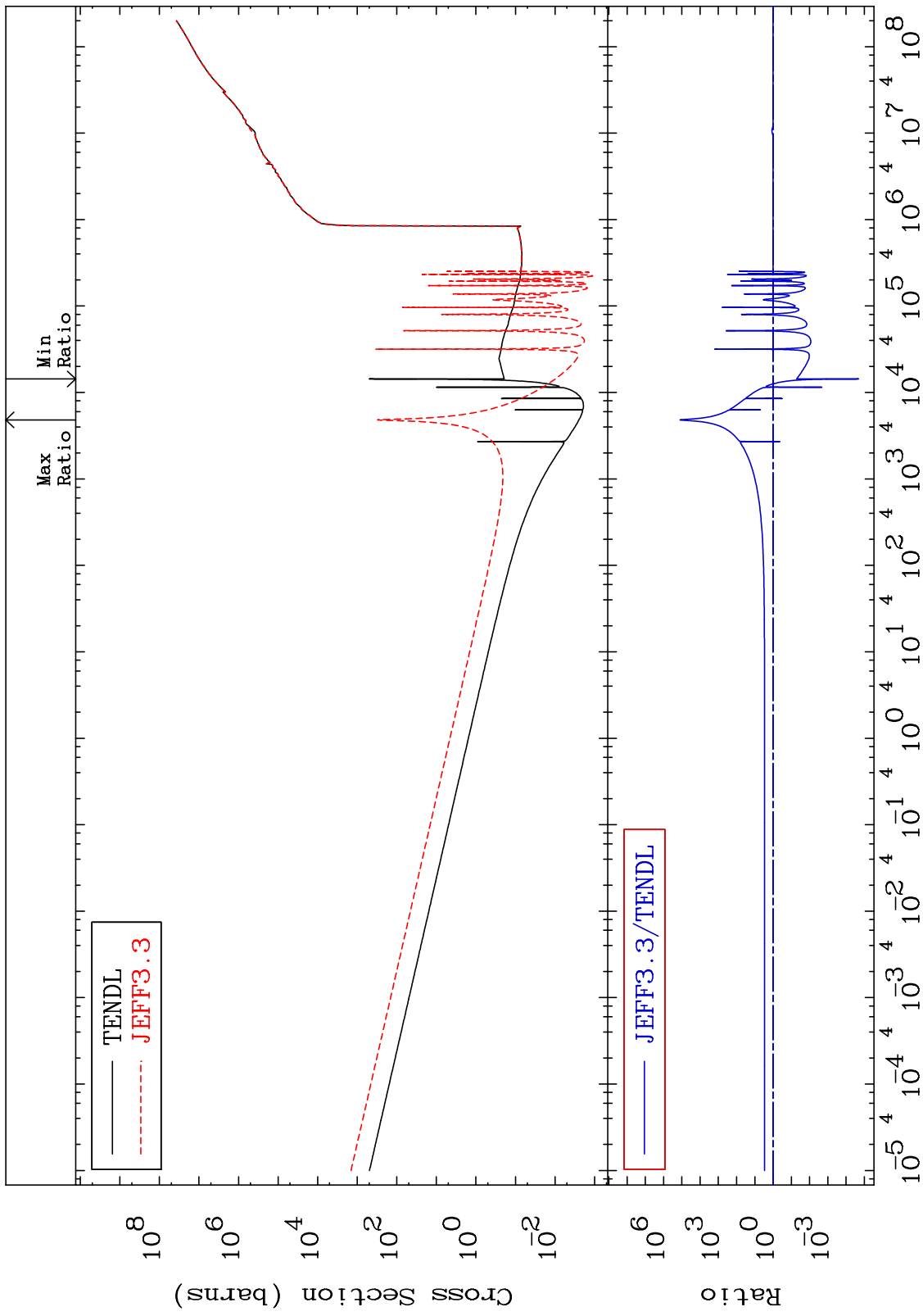
26-Fe-60  
-100.0 To 9999. %



MAT 2643

Kerma non-elastic (all but mt2)  
Cross Section

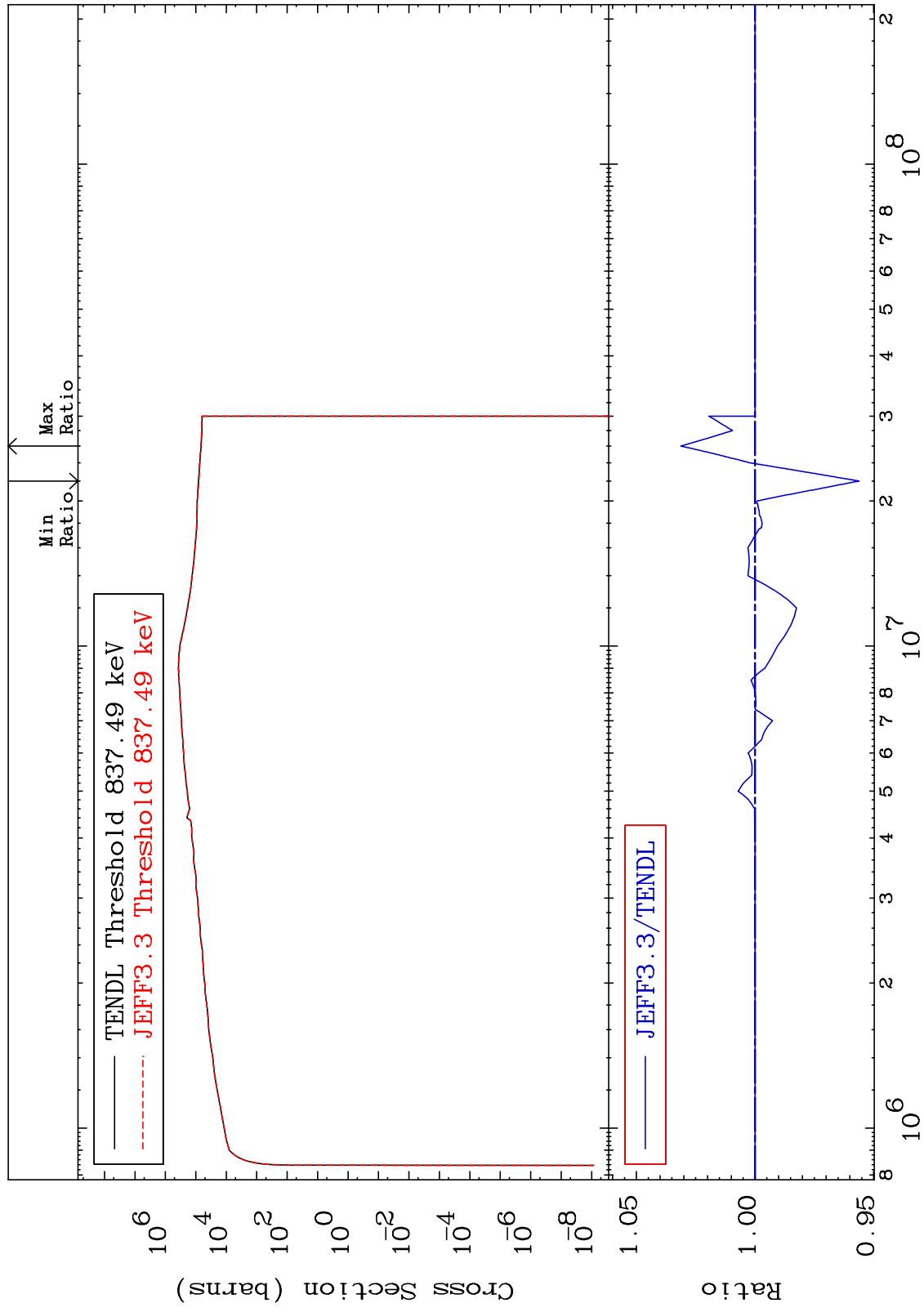
26-Fe-60  
-100.0 To 9999. %



MAT 2643

Kerma inelastic (mt51-91)  
Cross Section

26-Fe-60  
-4.387 To 3.124 %



70

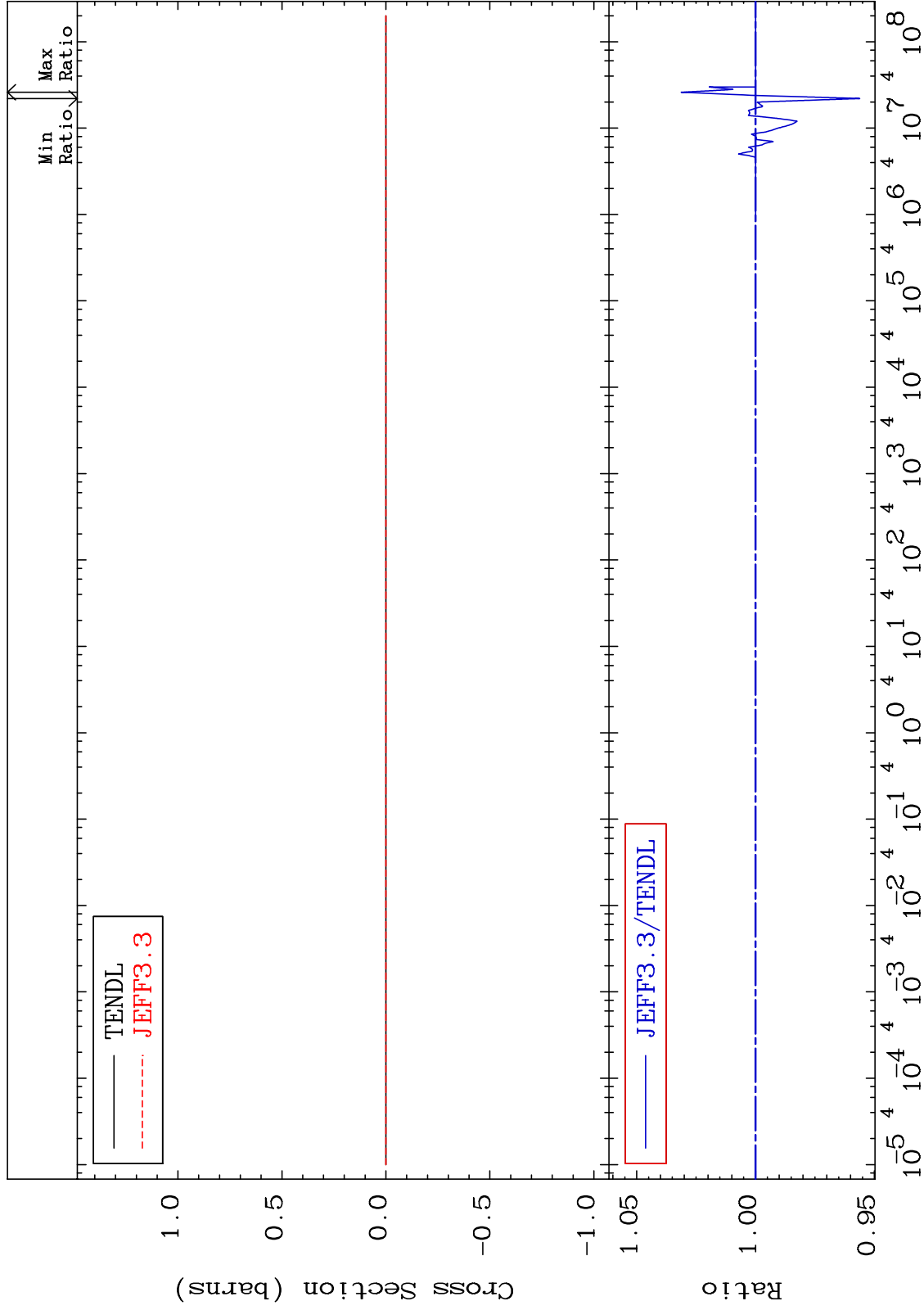
Incident Energy (eV)

26-Fe-60

MAT 2643

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

26-Fe-60  
-4.387 To 3.124 %



71

Incident Energy (eV)

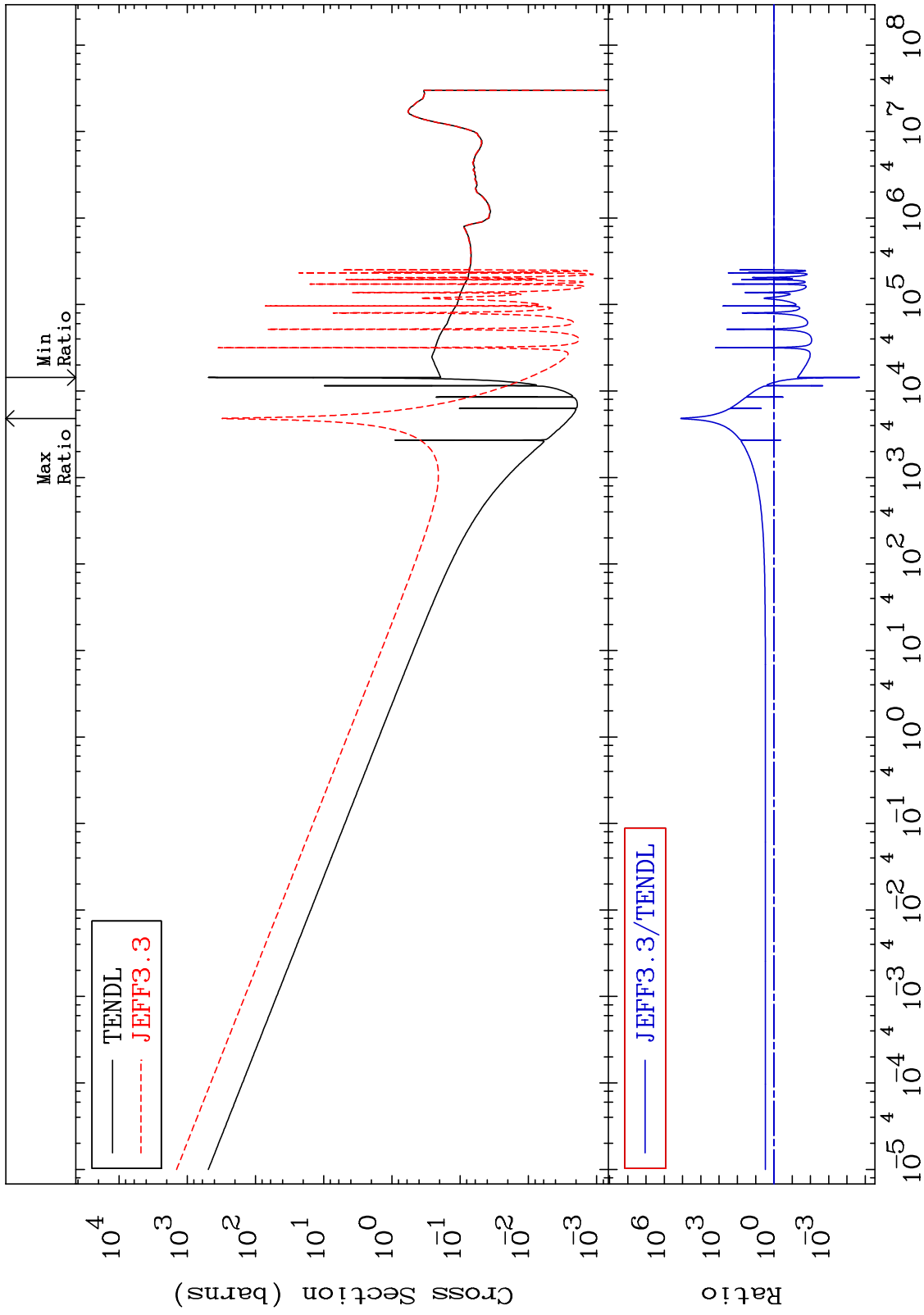
26-Fe-60



MAT 2643

Kerma capture (mt102)  
Cross Section

26-Fe-60  
-100.0 To 9999. %



72

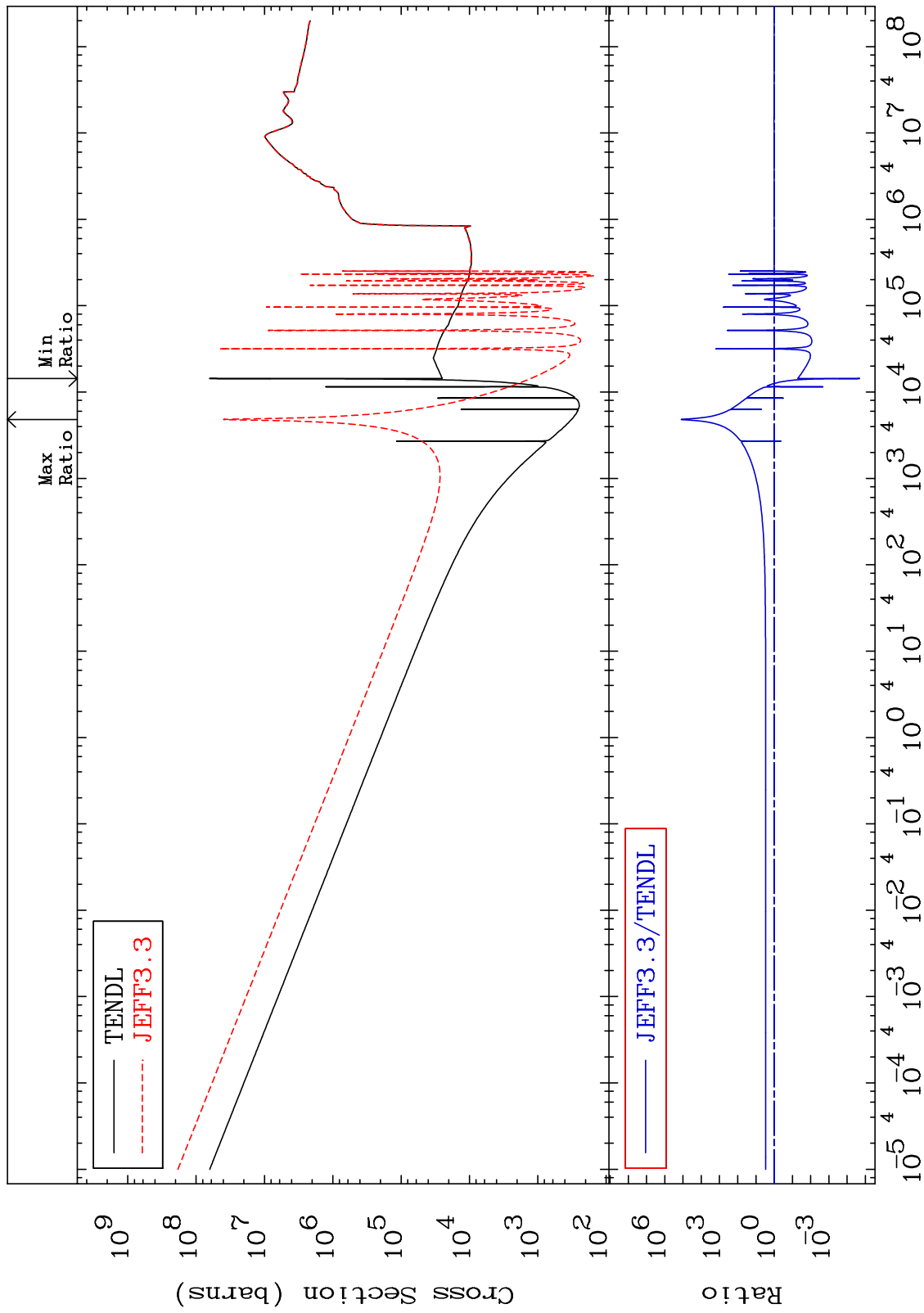
Incident Energy (eV)

26-Fe-60

MAT 2643

Total photon (eV-barns)  
Cross Section

26-Fe-60  
-100.0 To 9999. %



73

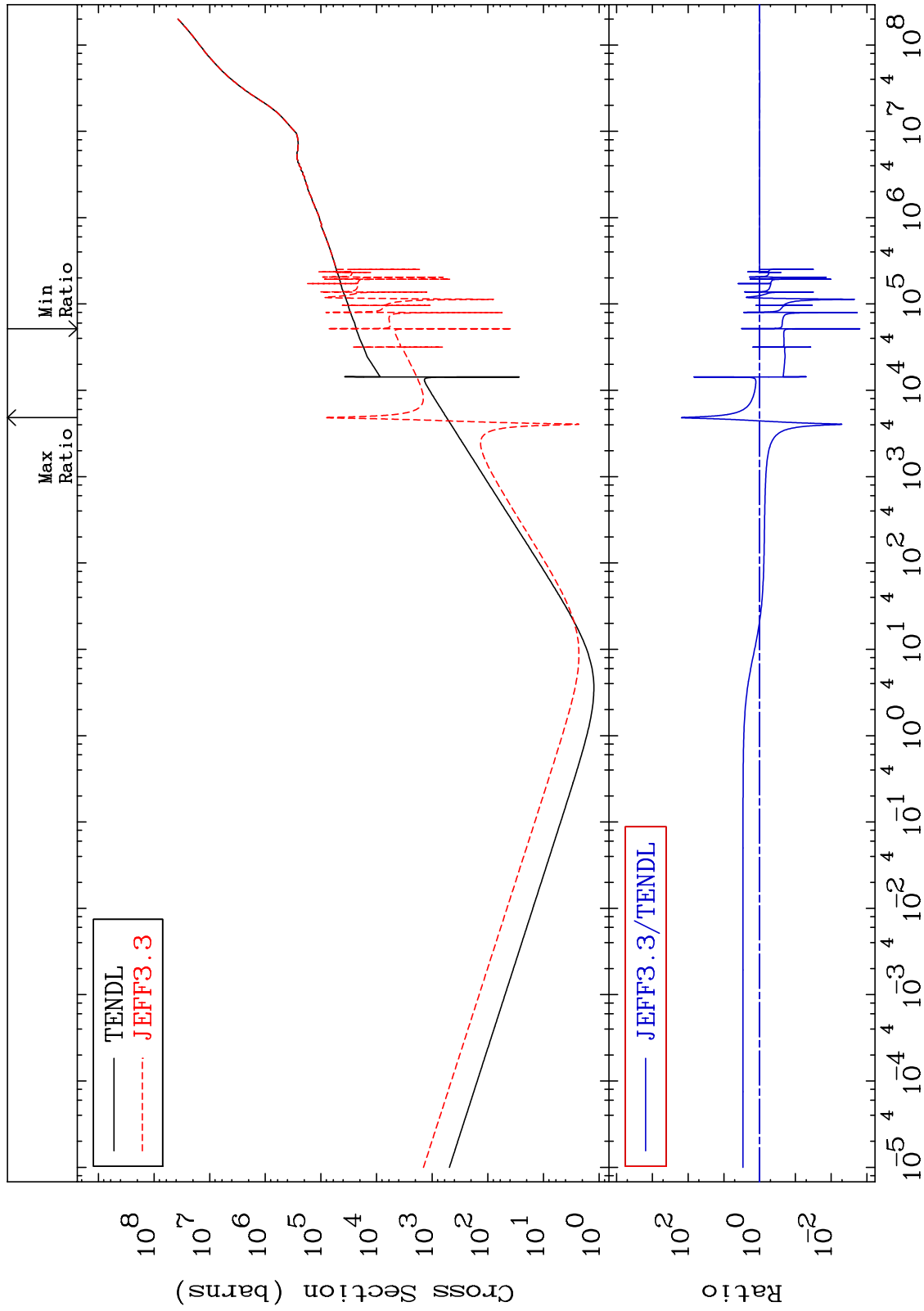
Incident Energy (eV)

26-Fe-60

MAT 2643

Total kinematic kerma (high limit)  
Cross Section

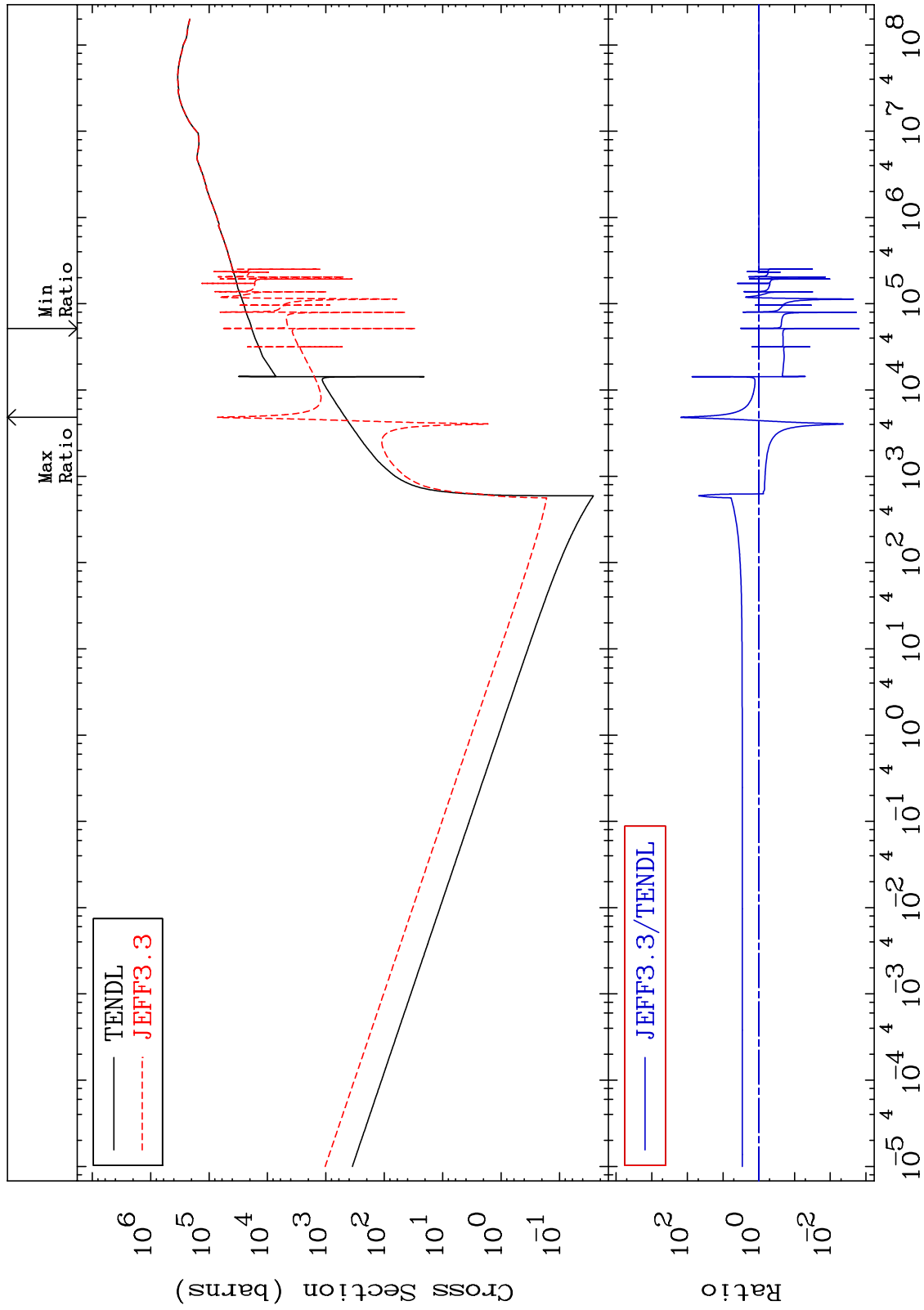
26-Fe-60  
-99.84 To 9999. %



MAT 2643

Dpa total (eV-barns)  
Cross Section

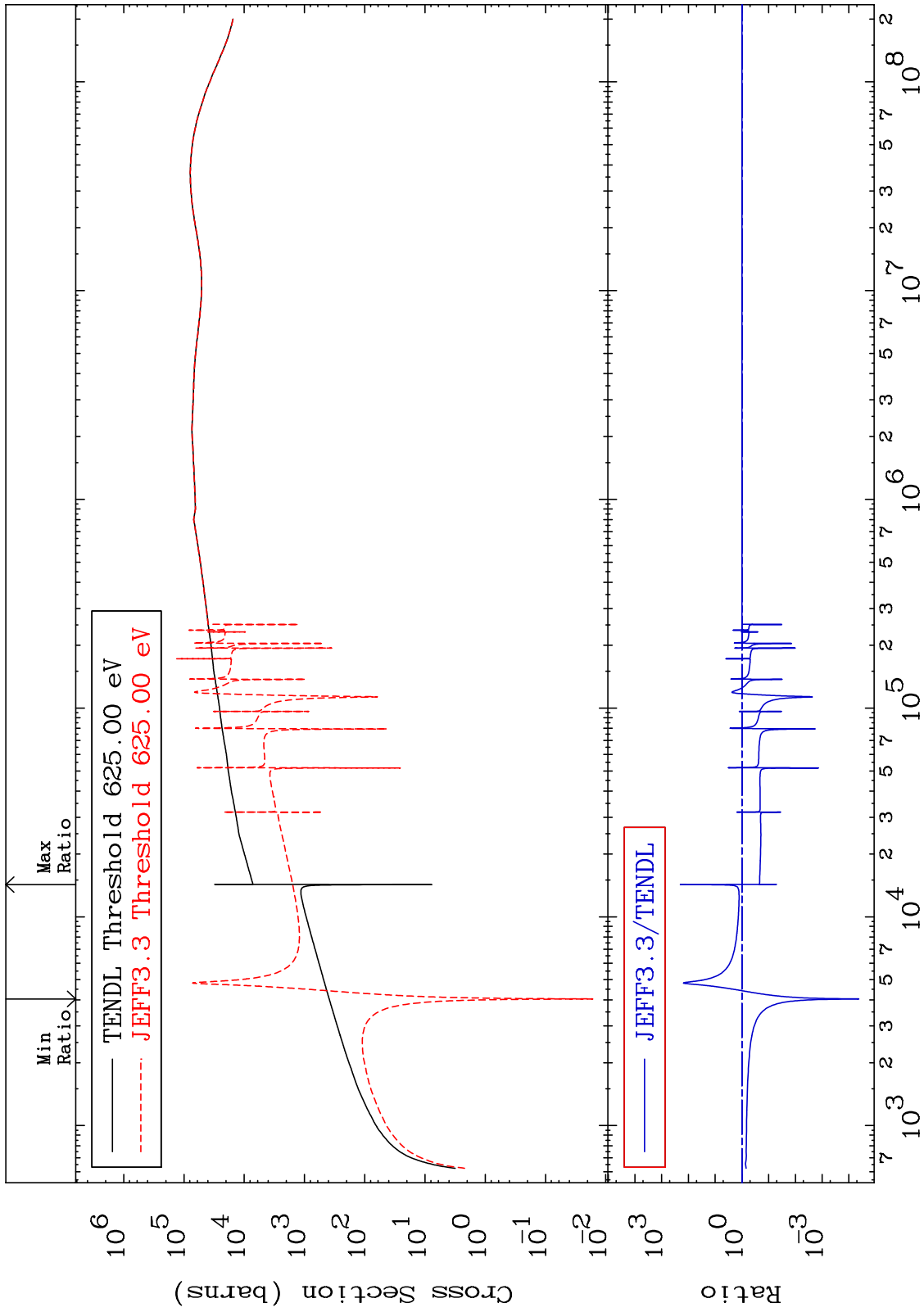
26-Fe-60  
-99.84 To 9999. %



MAT 2643

Dpa elastic (mt2)  
Cross Section

26-Fe-60  
-100.0 To 9999. %



76

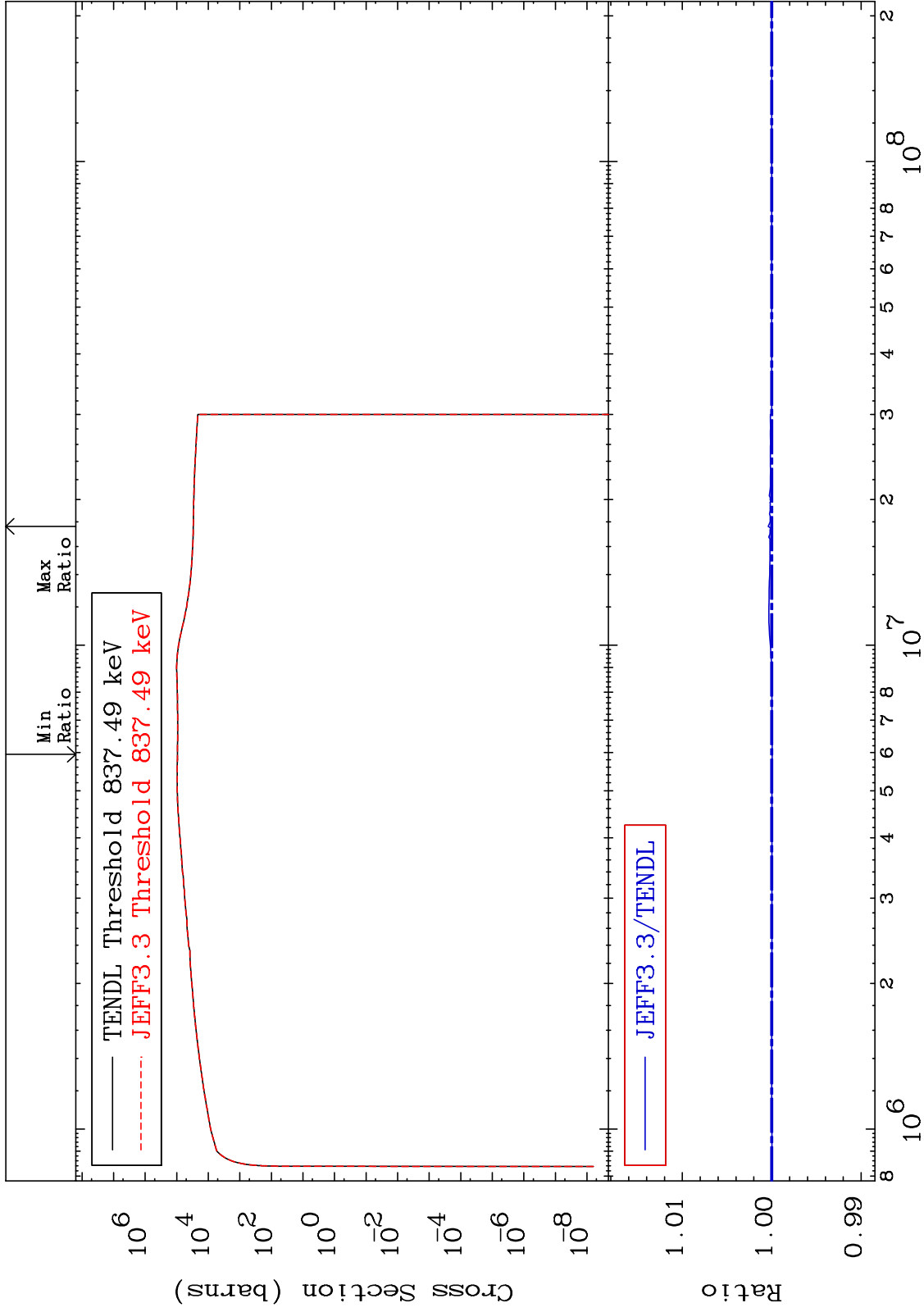
Incident Energy (eV)

26-Fe-60

MAT 2643

Dpa inelastic (mt51-91)  
Cross Section

26-Fe-60  
-0.005 To 0.039 %



77

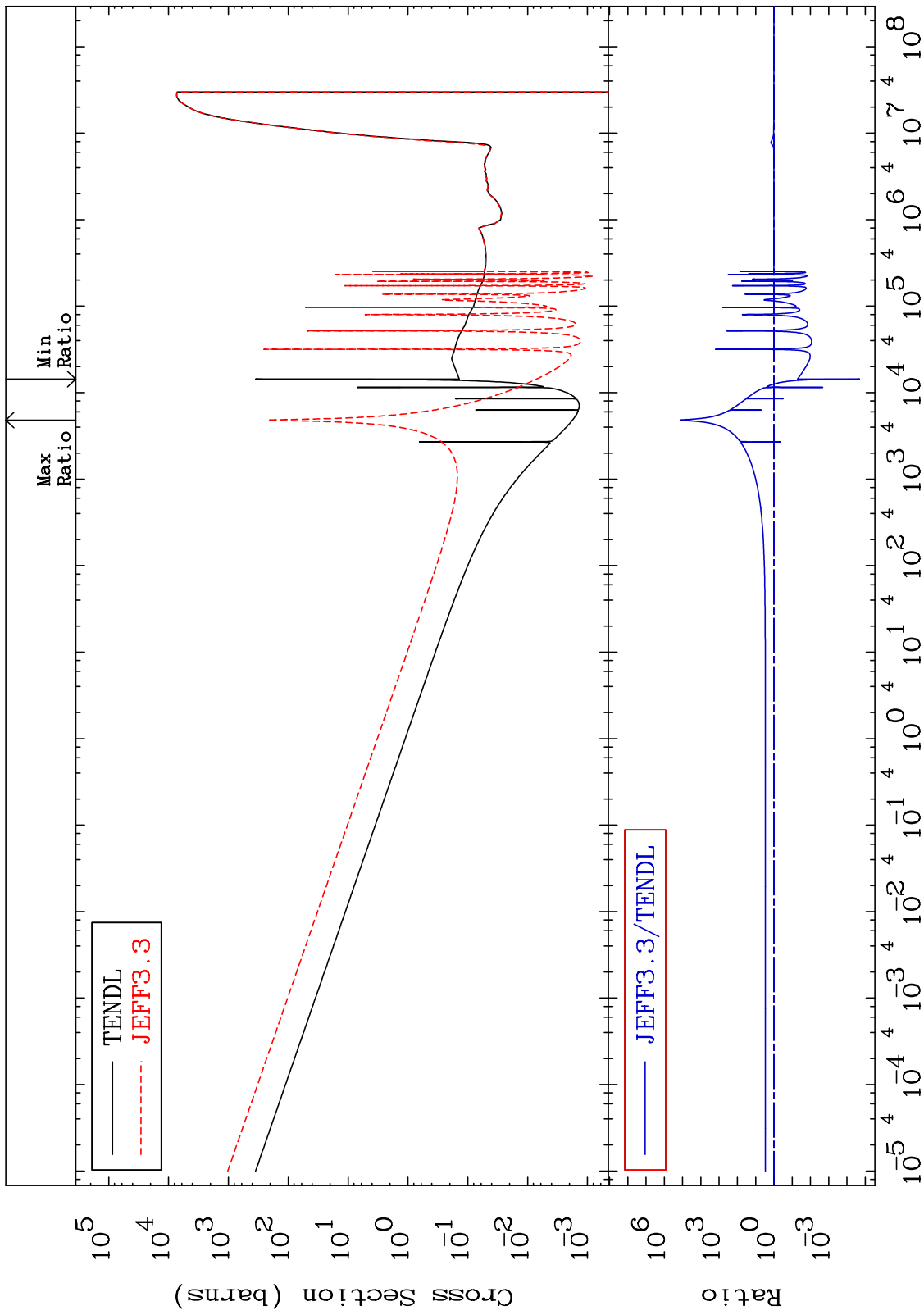
Incident Energy (eV)

26-Fe-60

MAT 2643

Dpa disappearance (mt102 -120)  
Cross Section

26-Fe-60  
-100.0 To 9999. %

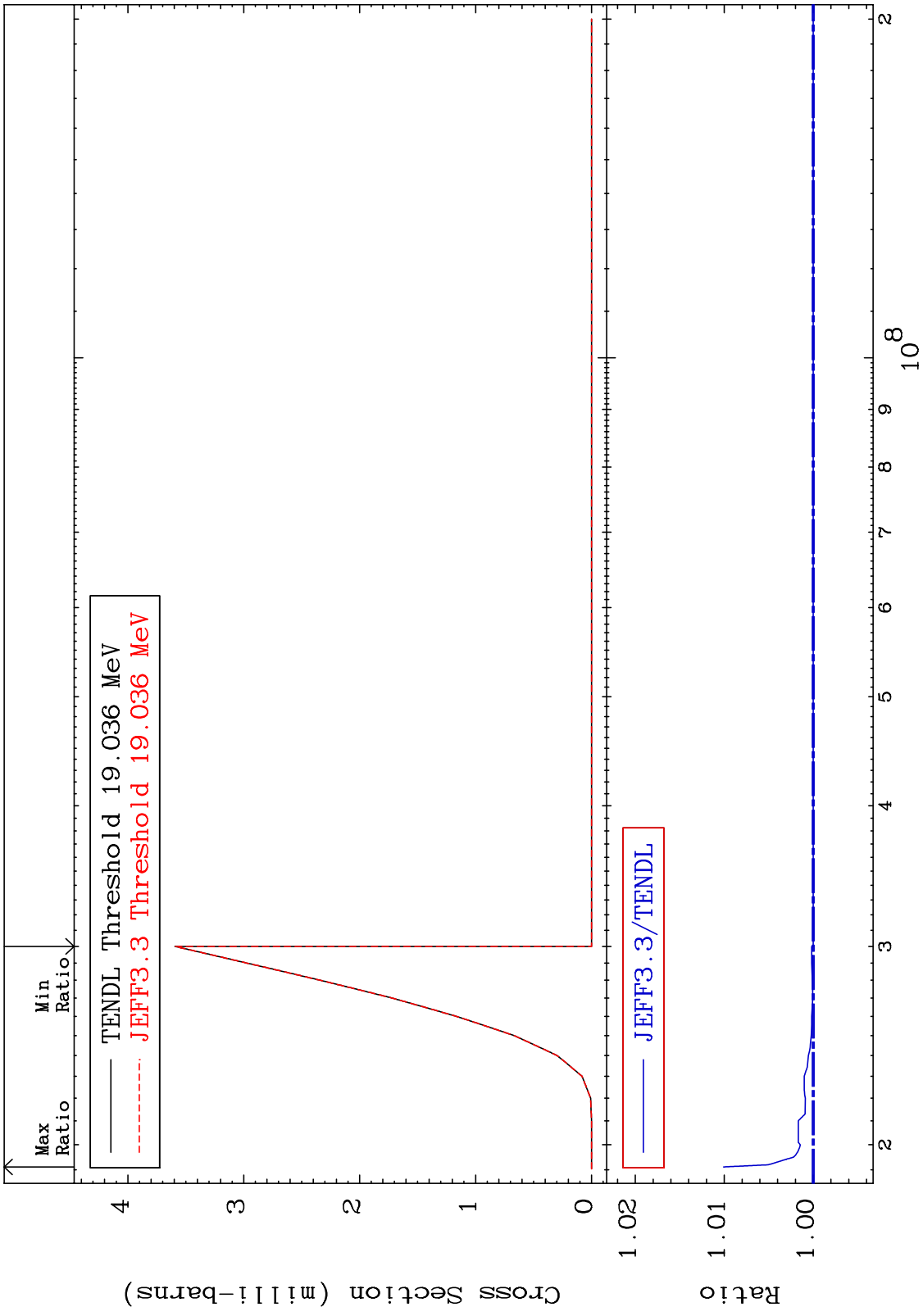


78

Incident Energy (eV)

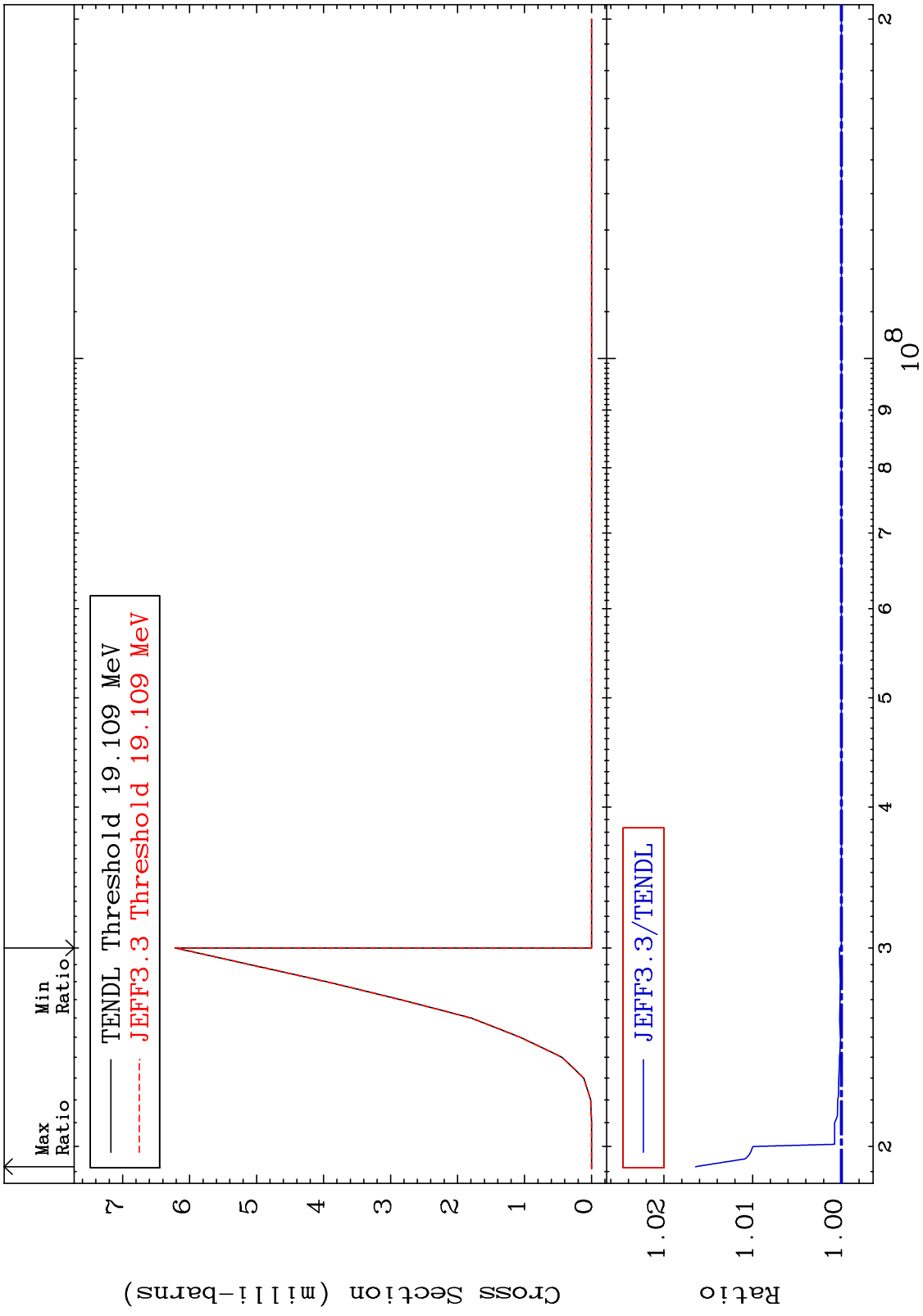
26-Fe-60

MAT 2643 (n, n') d:25-Mn-58g 26-Fe-60  
 Radionuclide Production Cross Section 0.000 To 1.007 %





MAT 2643 (n, n') d:25-Mn-58m1 26-Fe-60  
 Radionuclide Production Cross Section 0.000 To 1.644 %

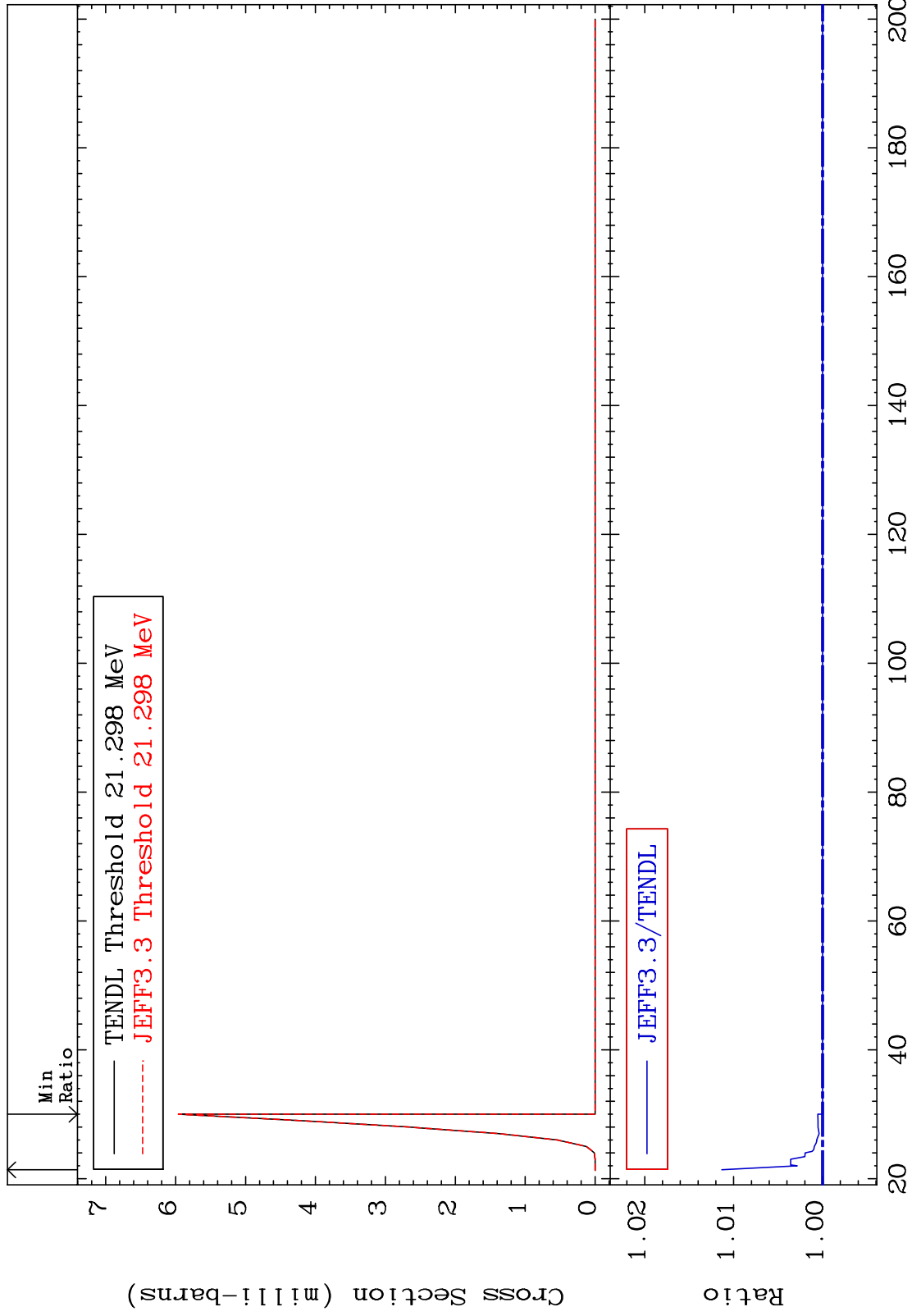


MAT 2643

(n,2n) p:25-Mn-58g

26-Fe-60

Radionuclide Production Cross Section 0.000 To 1.134 %

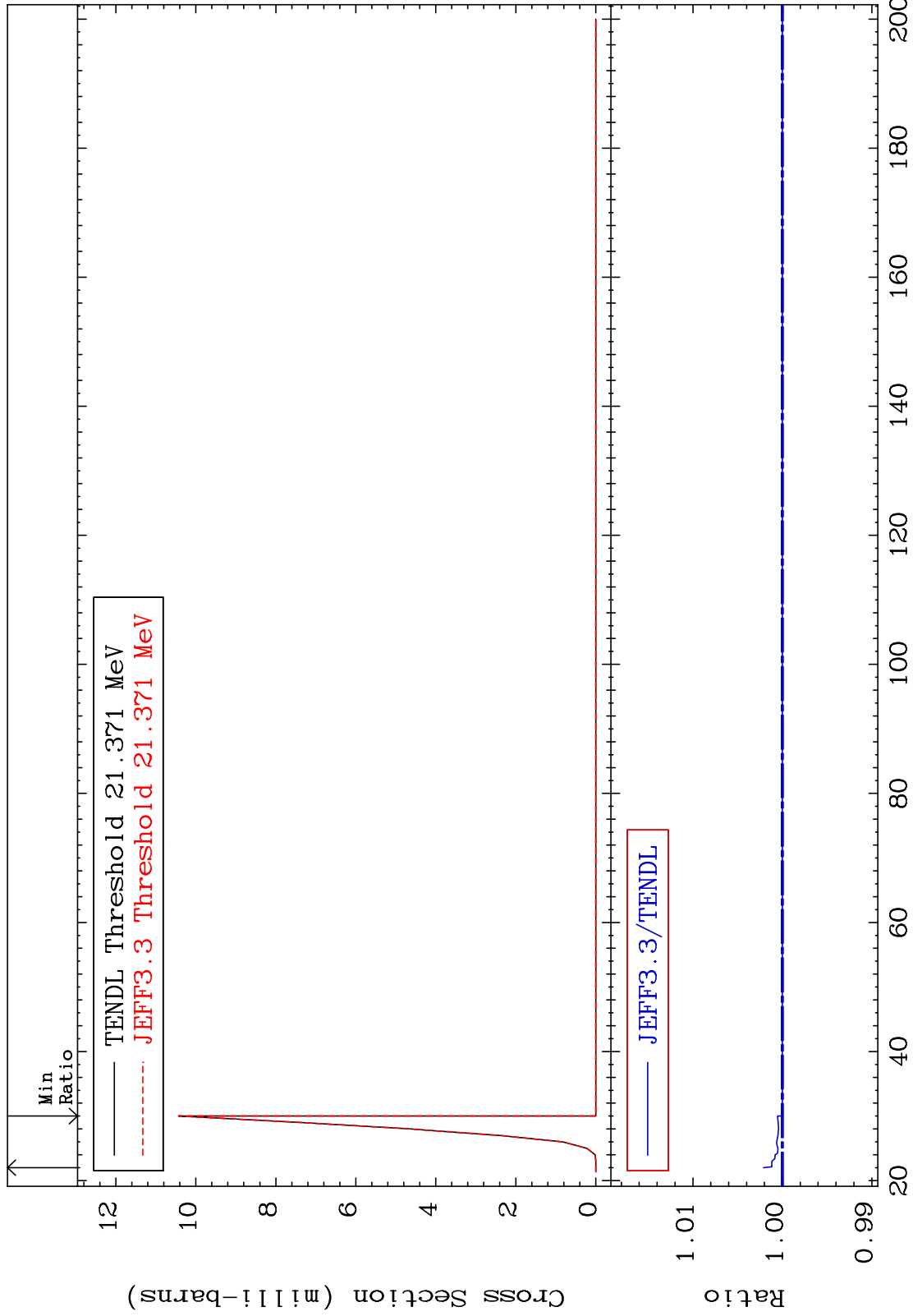


MAT 2643

(n,2n) p:25-Mn-58m1

26-Fe-60

Radionuclide Production Cross Section 0.000 To 0.209 %

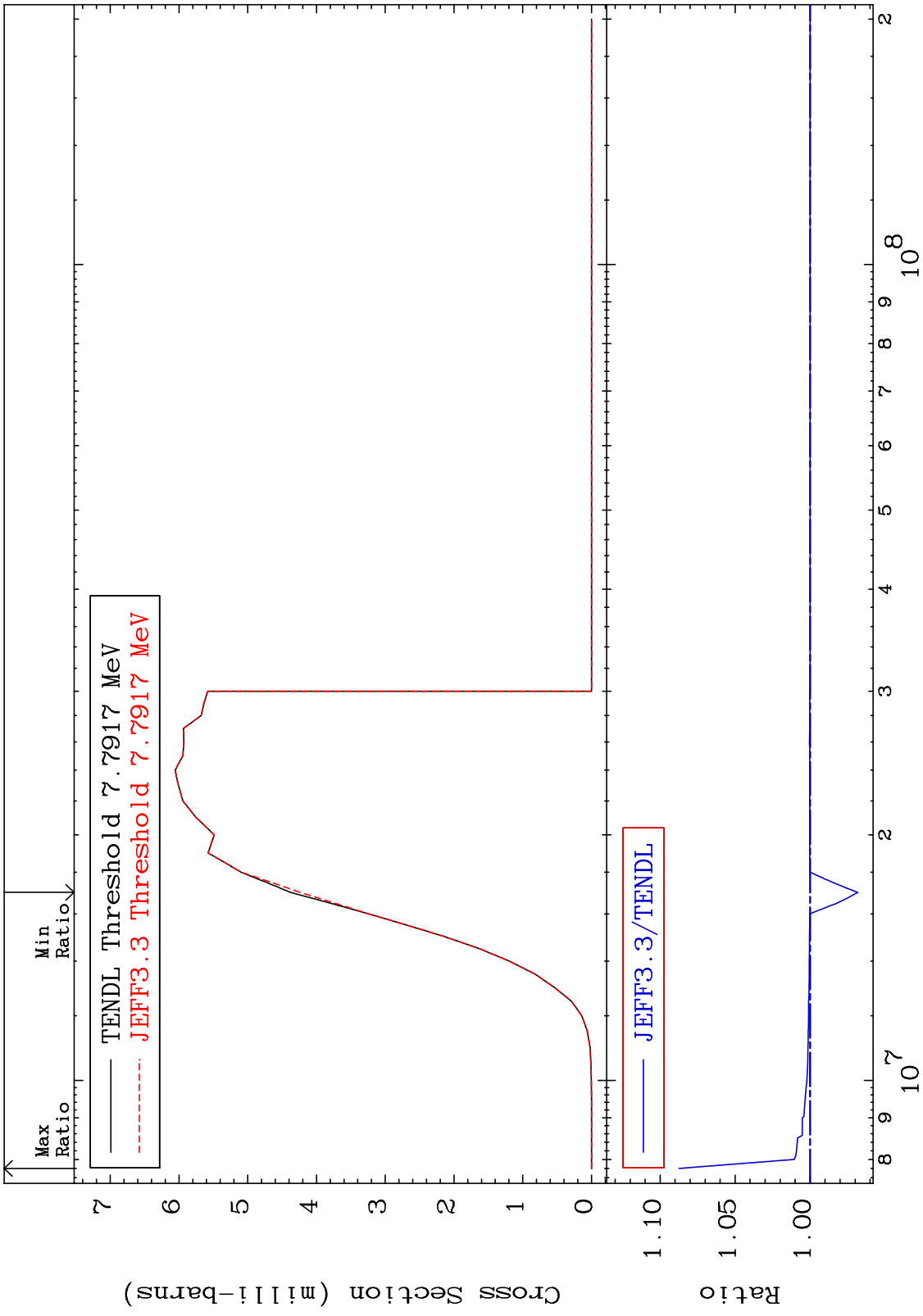


82

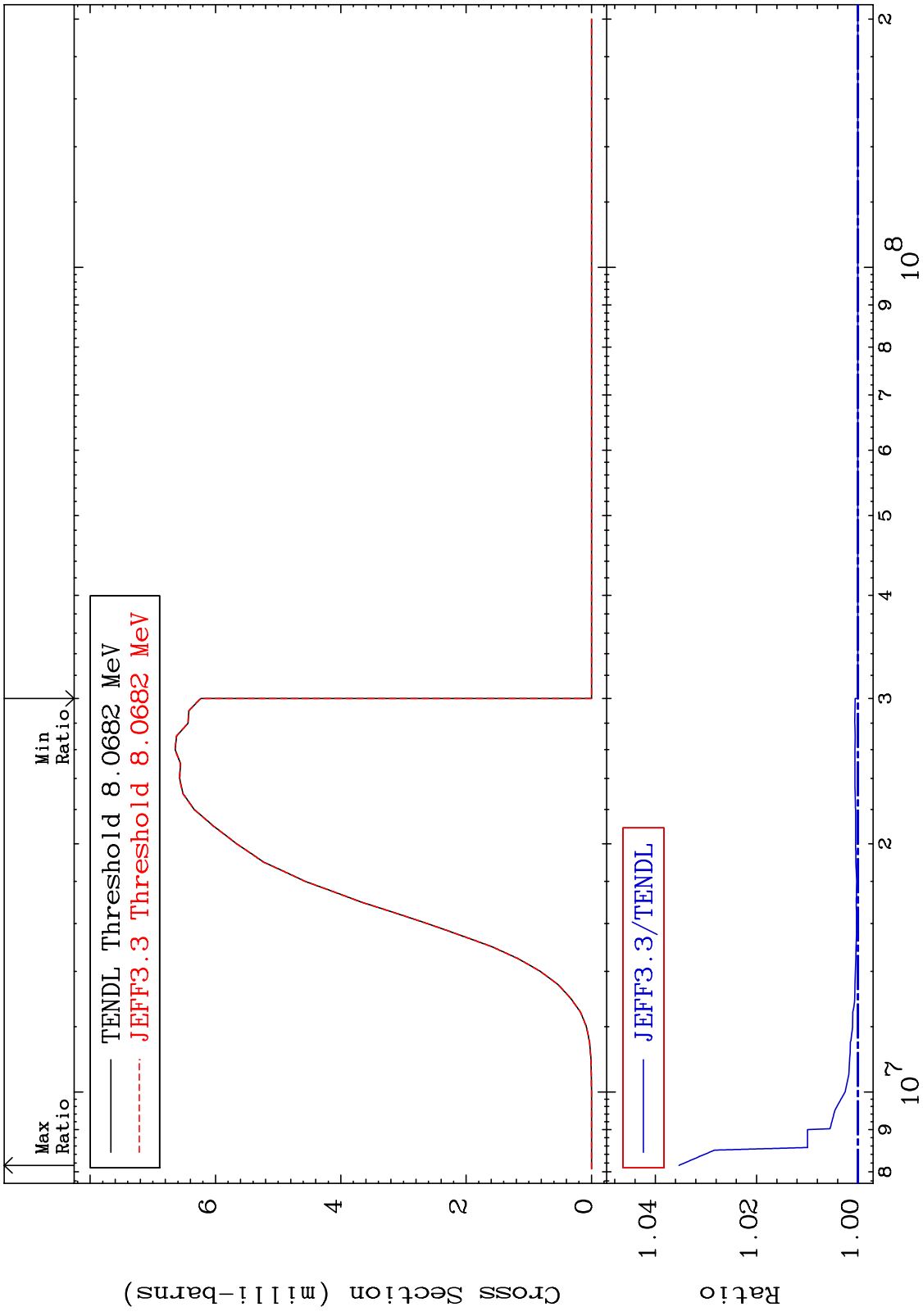
Incident Energy (MeV)

26-Fe-60

MAT 2643 (n,p):25-Mn-60g 26-Fe-60  
 Radionuclide Production Cross Section -3.182 To 8.739 %

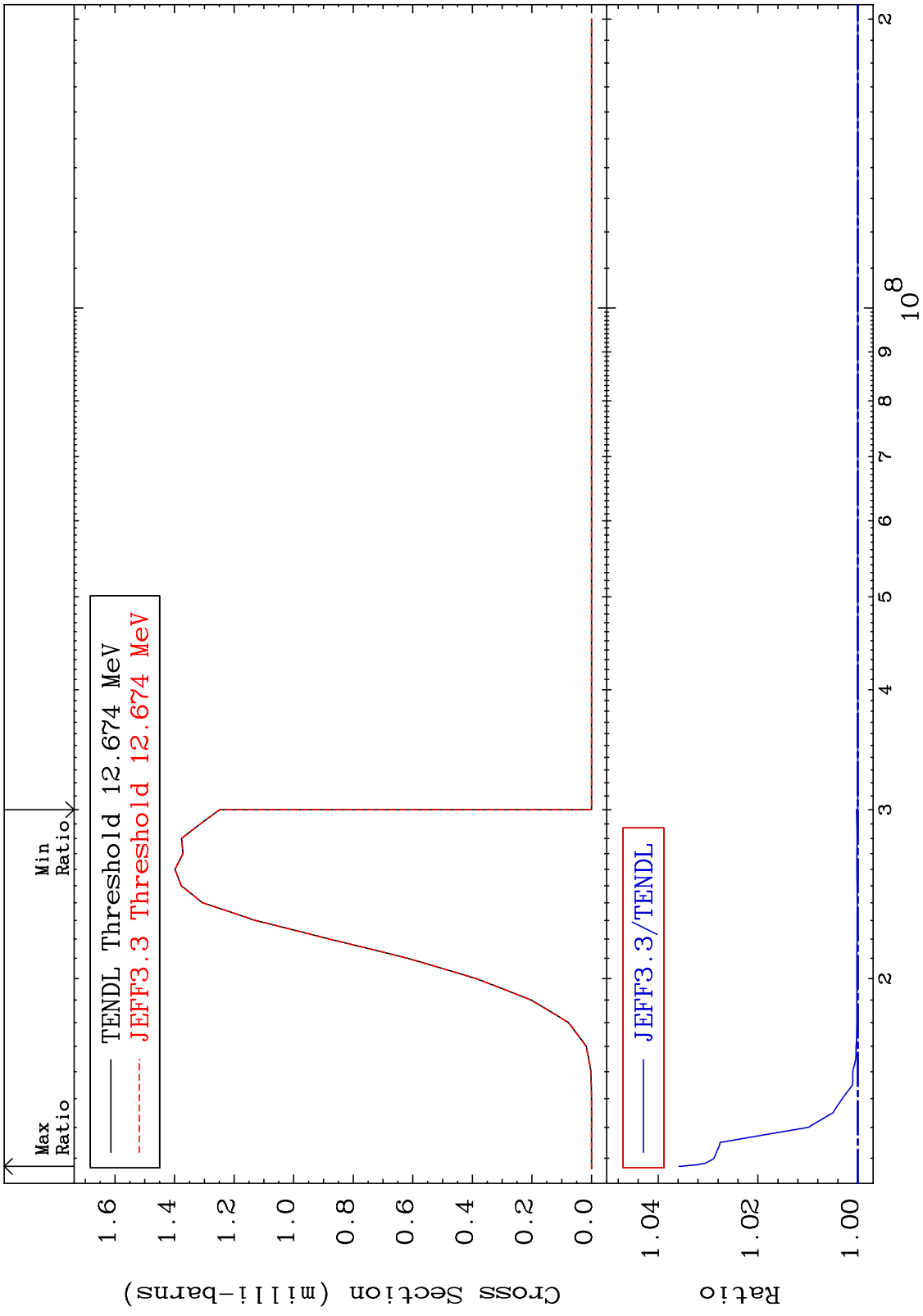


MAT 2643 (n,p):25-Mn-60m1 26-Fe-60  
 Radionuclide Production Cross Section 0.000 To 3.531 %



84 Incident Energy (eV) 26-Fe-60

MAT 2643 (n,t):25-Mn-58g 26-Fe-60  
 Radionuclide Production Cross Section 0.000 To 3.581 %



MAT 2643 (n,t):25-Mn-58m1 26-Fe-60  
 Radionuclide Production Cross Section 0.000 To 2.830 %

