

Program Complot  
(Version 2021-1)

by

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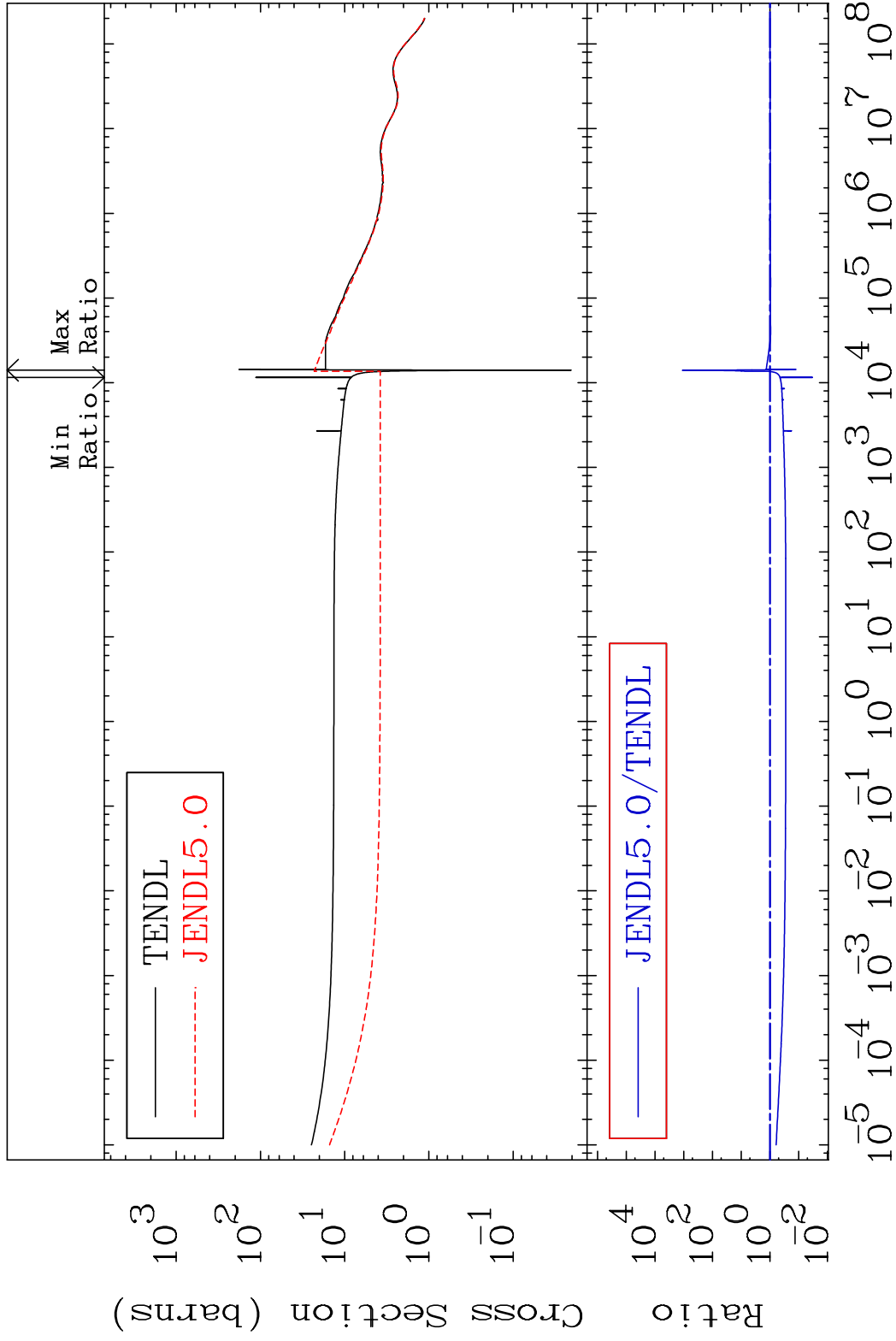
Press Mouse Button to Start

MAT 2643

Total

26-Fe-60

Cross Section -96.69 To 9999. %



1

Incident Energy (eV)

26-Fe-60

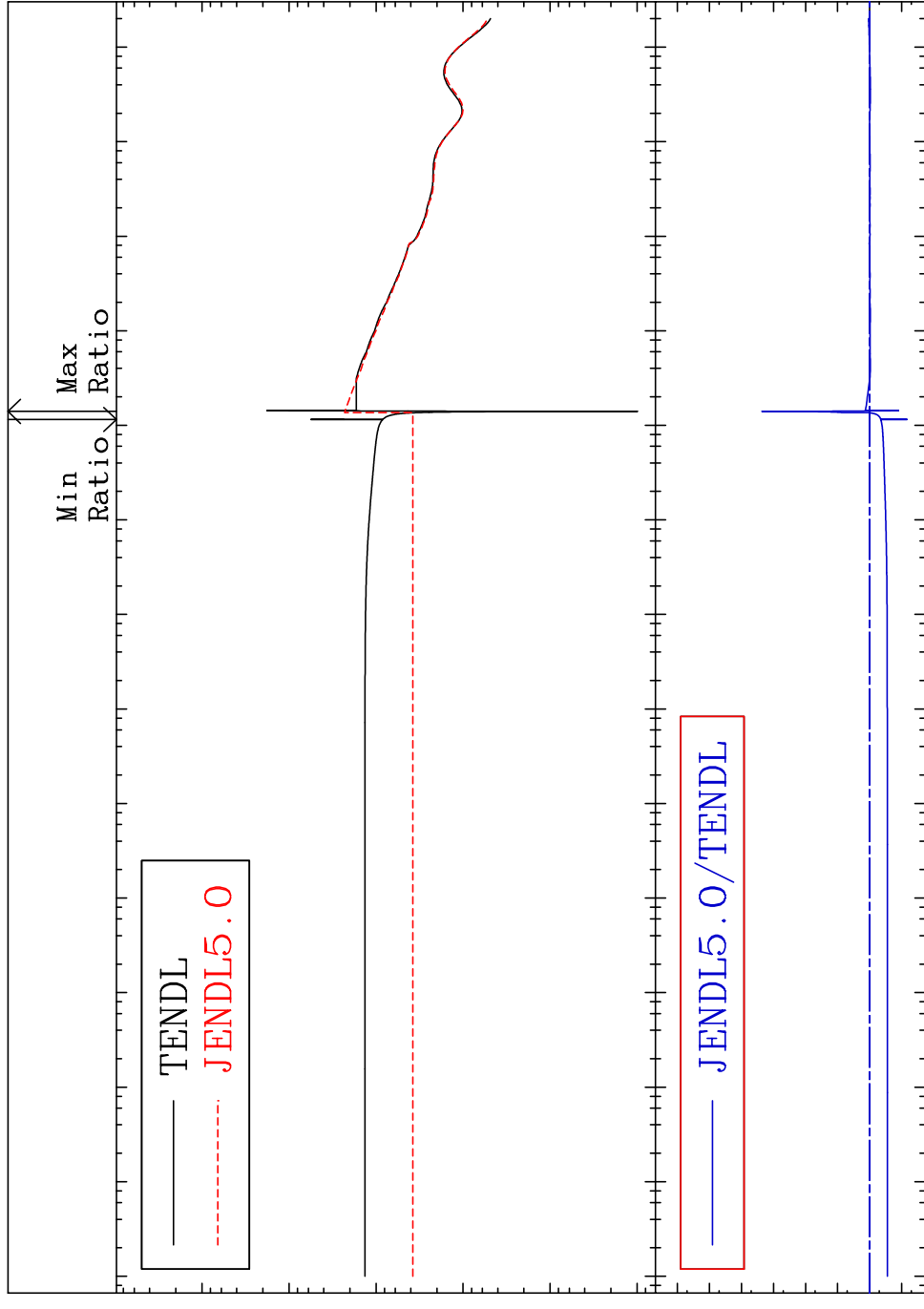
MAT 2643

Elastic

26-Fe-60

Cross Section

-93.27 To 9999. %



10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-1</sup>  
10<sup>-2</sup>  
Ratio  
10<sup>4</sup>  
10<sup>2</sup>  
10<sup>0</sup>

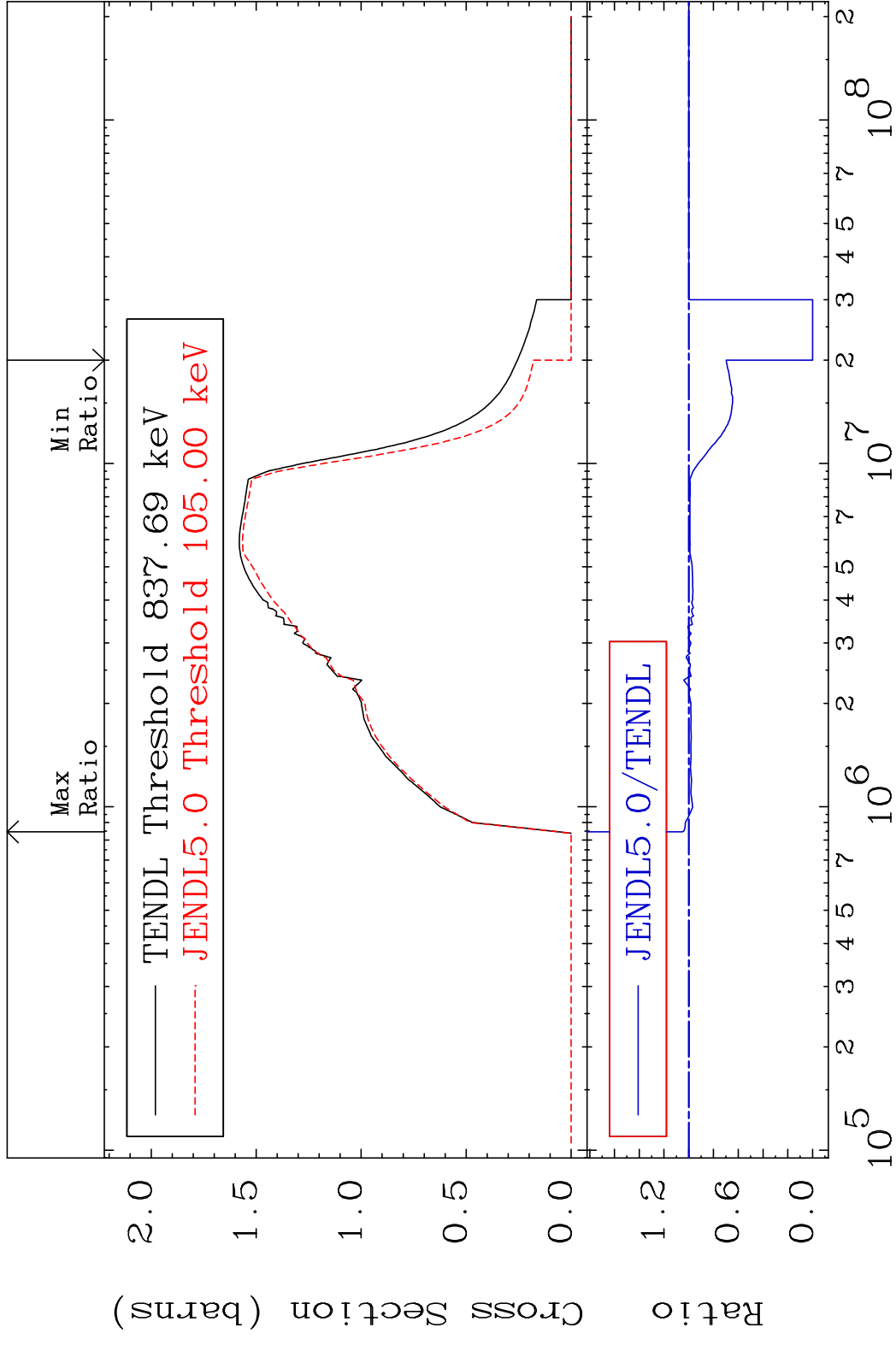
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

2

Incident Energy (eV)

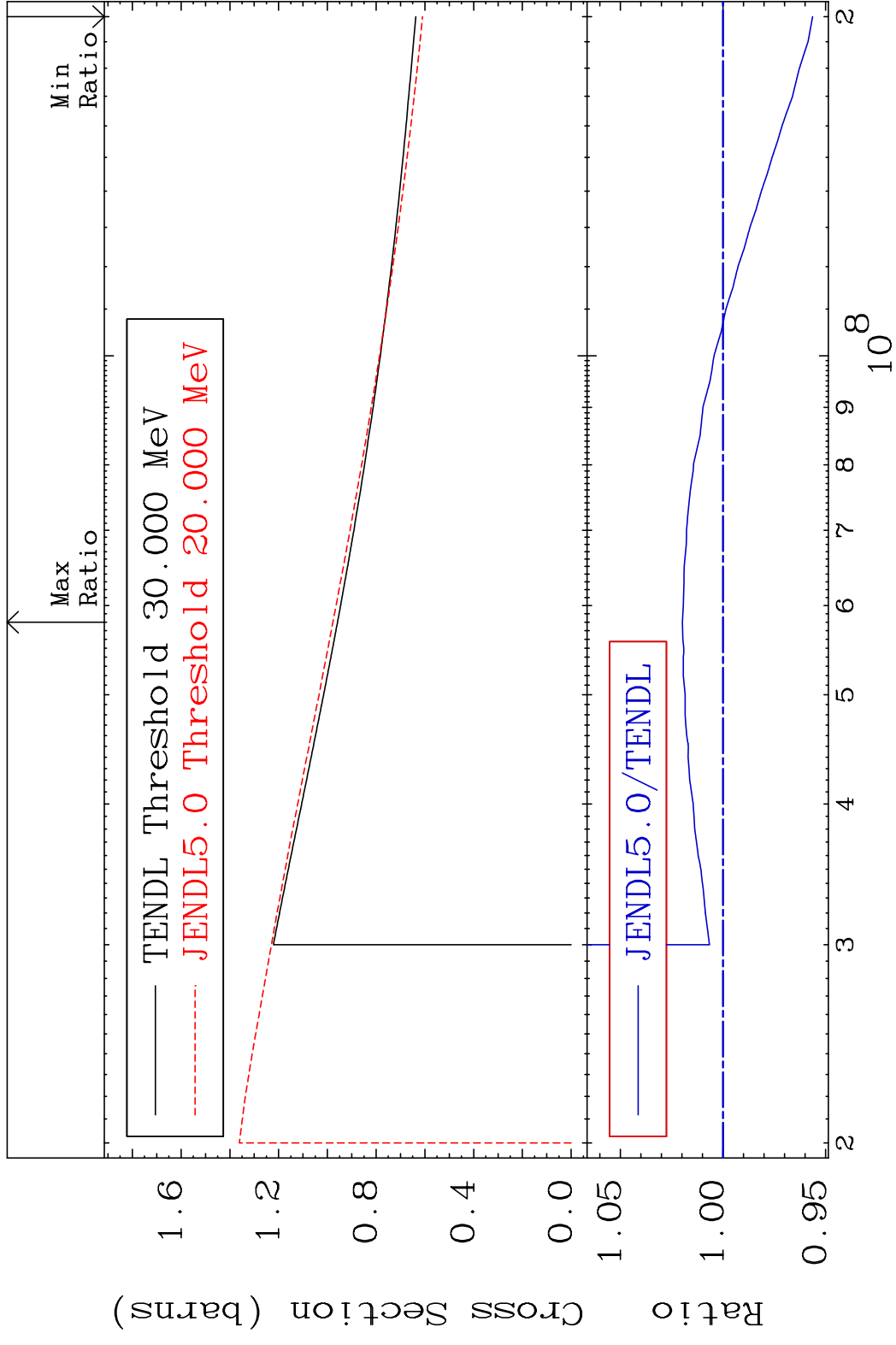
26-Fe-60

MAT 2643 Inelastic Cross Section -100.0 To 5.171 % <sup>26</sup>Fe-60



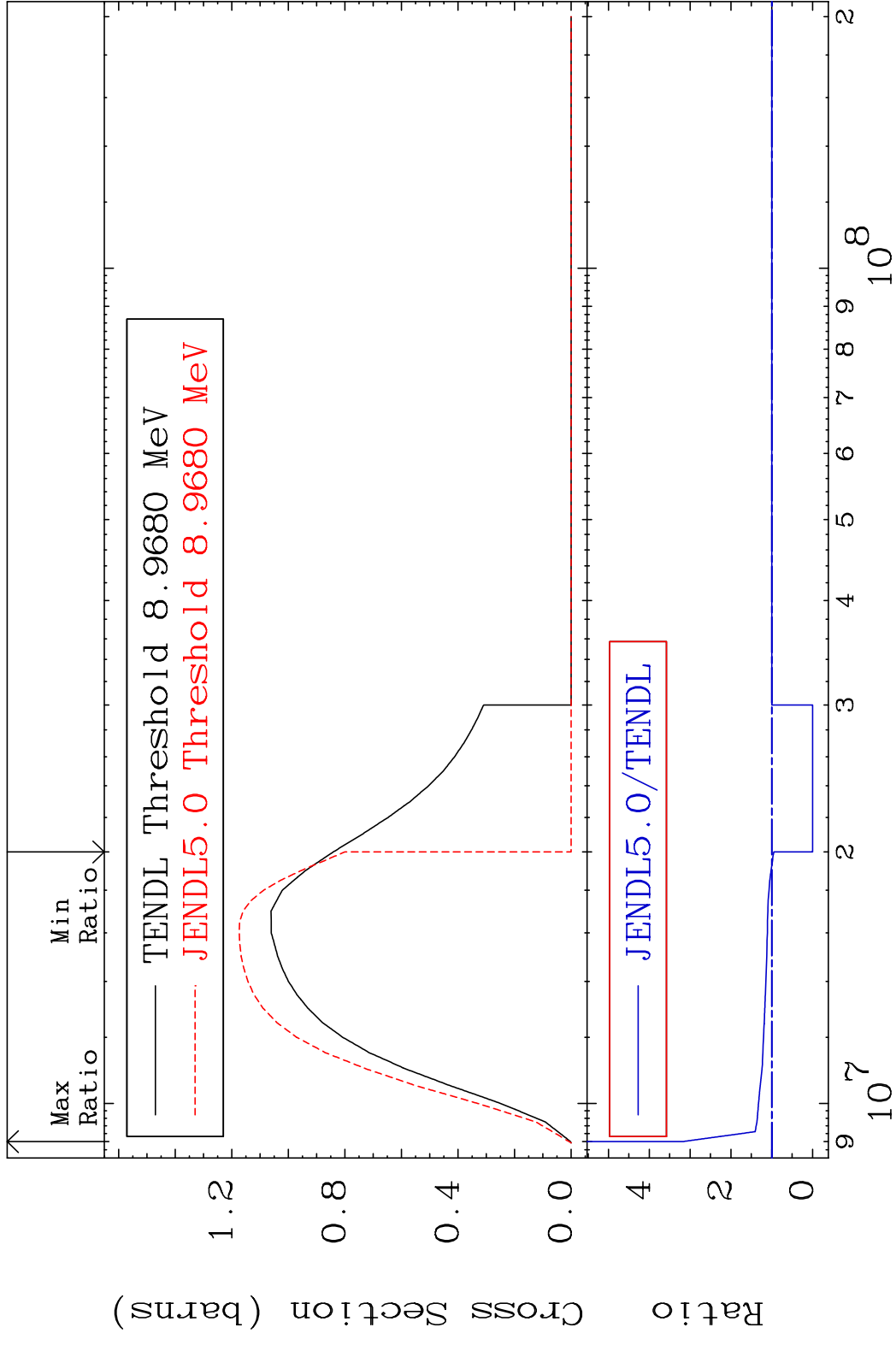
3 Incident Energy (eV) <sup>26</sup>Fe-60

MAT 2643 (n, remainder) 26-Fe-60  
 Cross Section -4.367 To 1.980 %



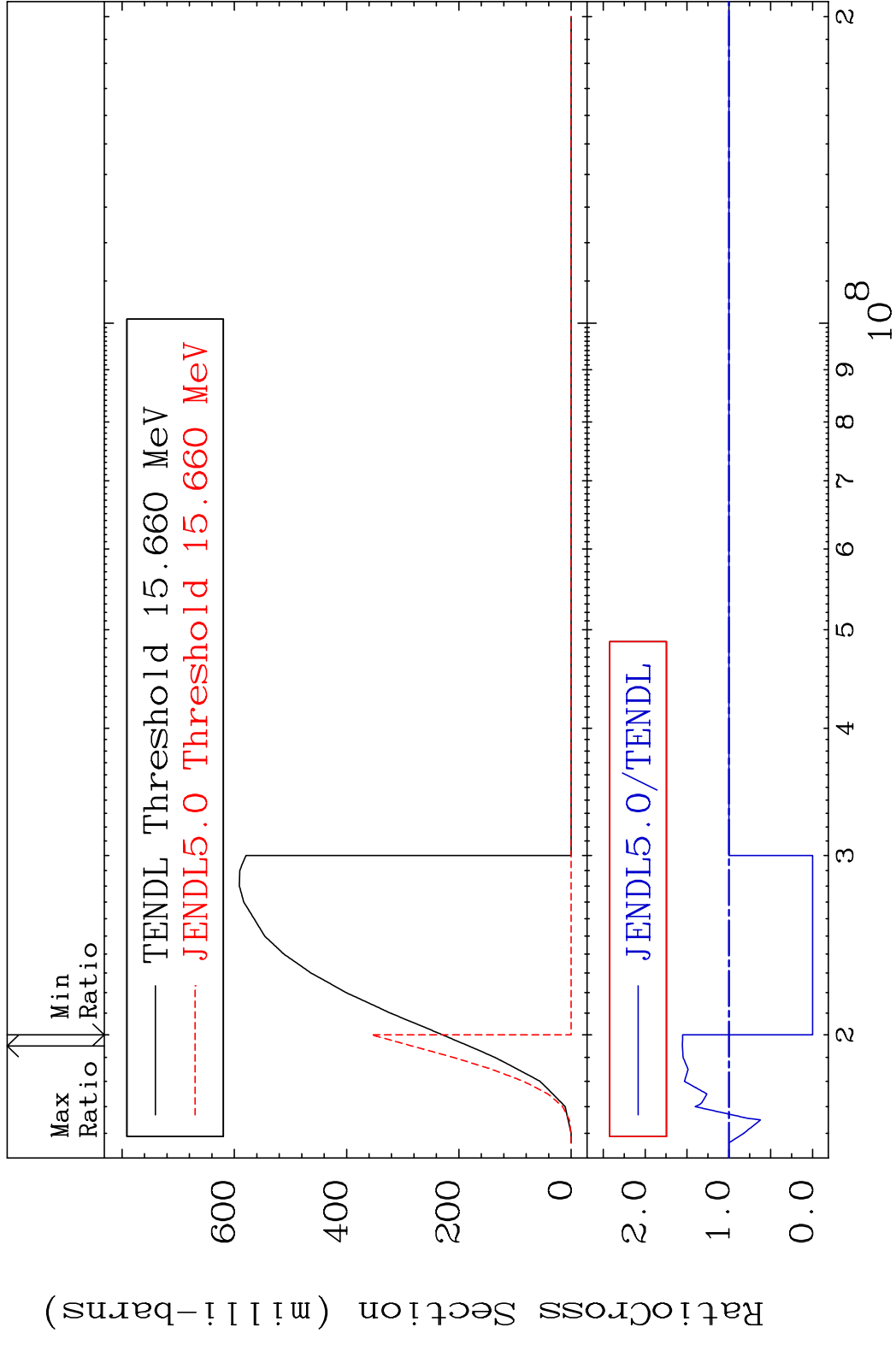
4 Incident Energy (eV) 26-Fe-60

MAT 2643 (n,2n) 26-Fe-60  
 Cross Section -100.0 To 219.0 %



5 26-Fe-60

MAT 2643 (n,3n) <sup>26</sup>Fe-60  
 Cross Section -100.0 To 55.51 %

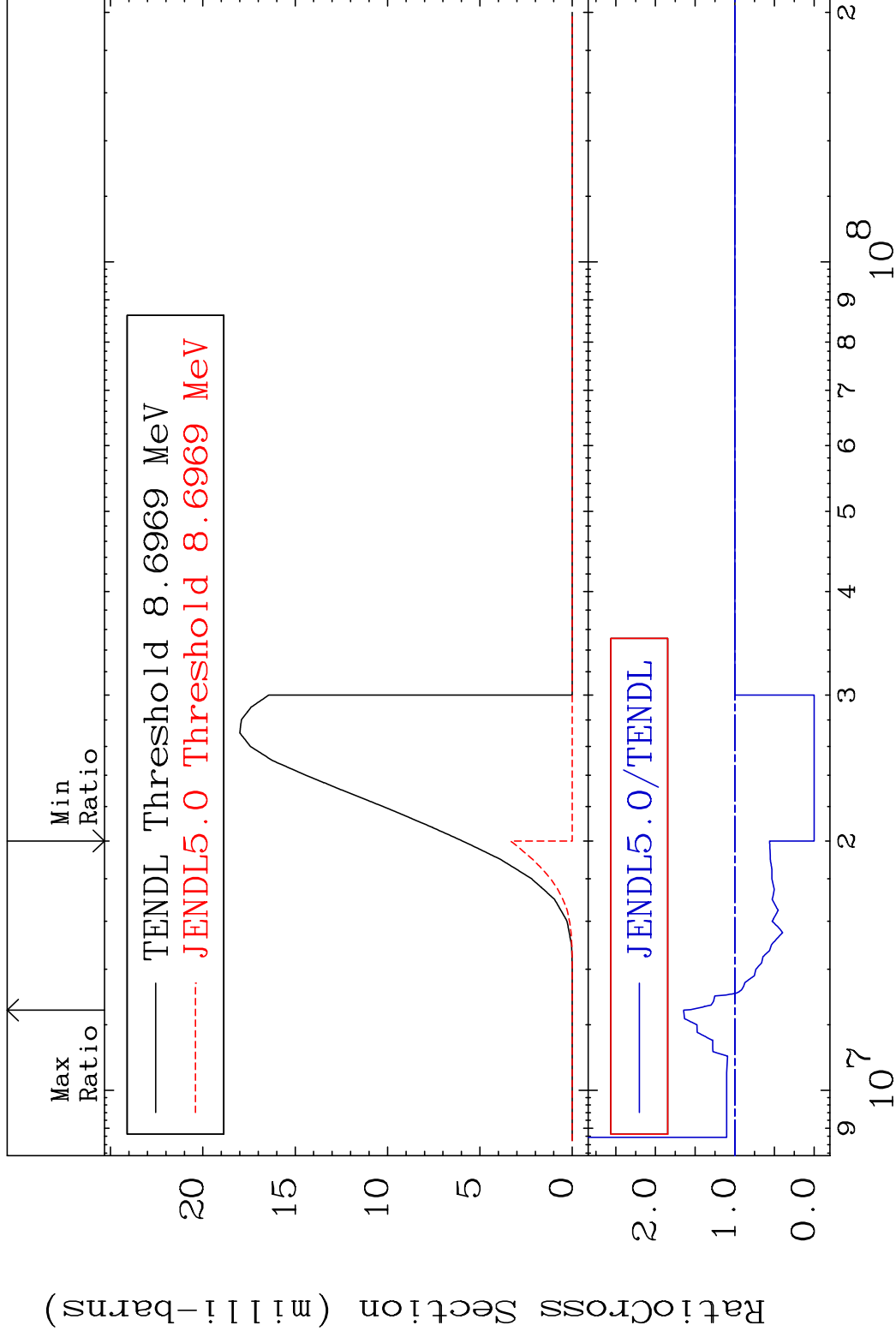


MAT 2643

(n, n')  $\alpha$

<sup>26</sup>Fe-60

Cross Section -100.0 To 64.46 %



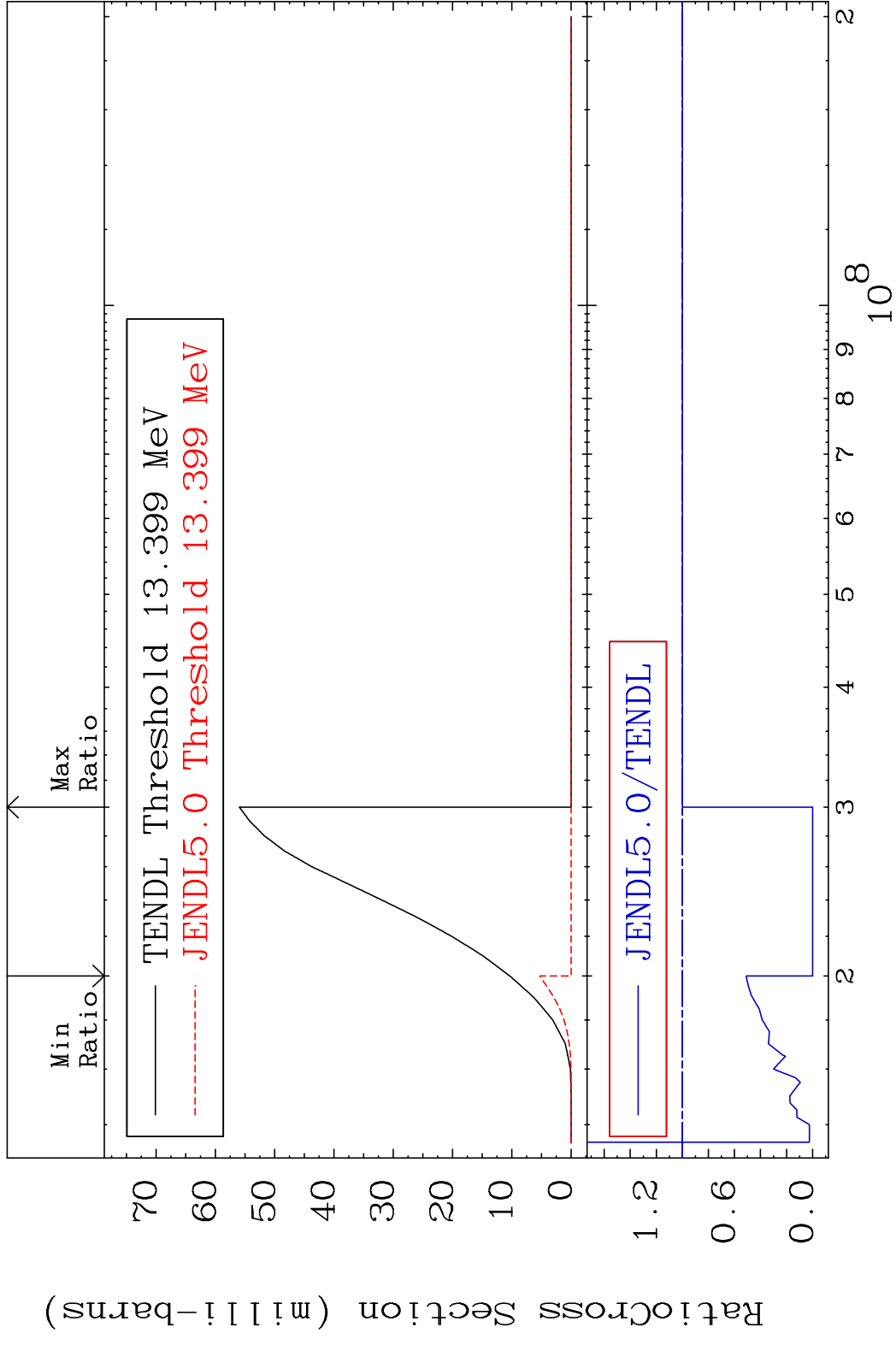
7

Incident Energy (eV)

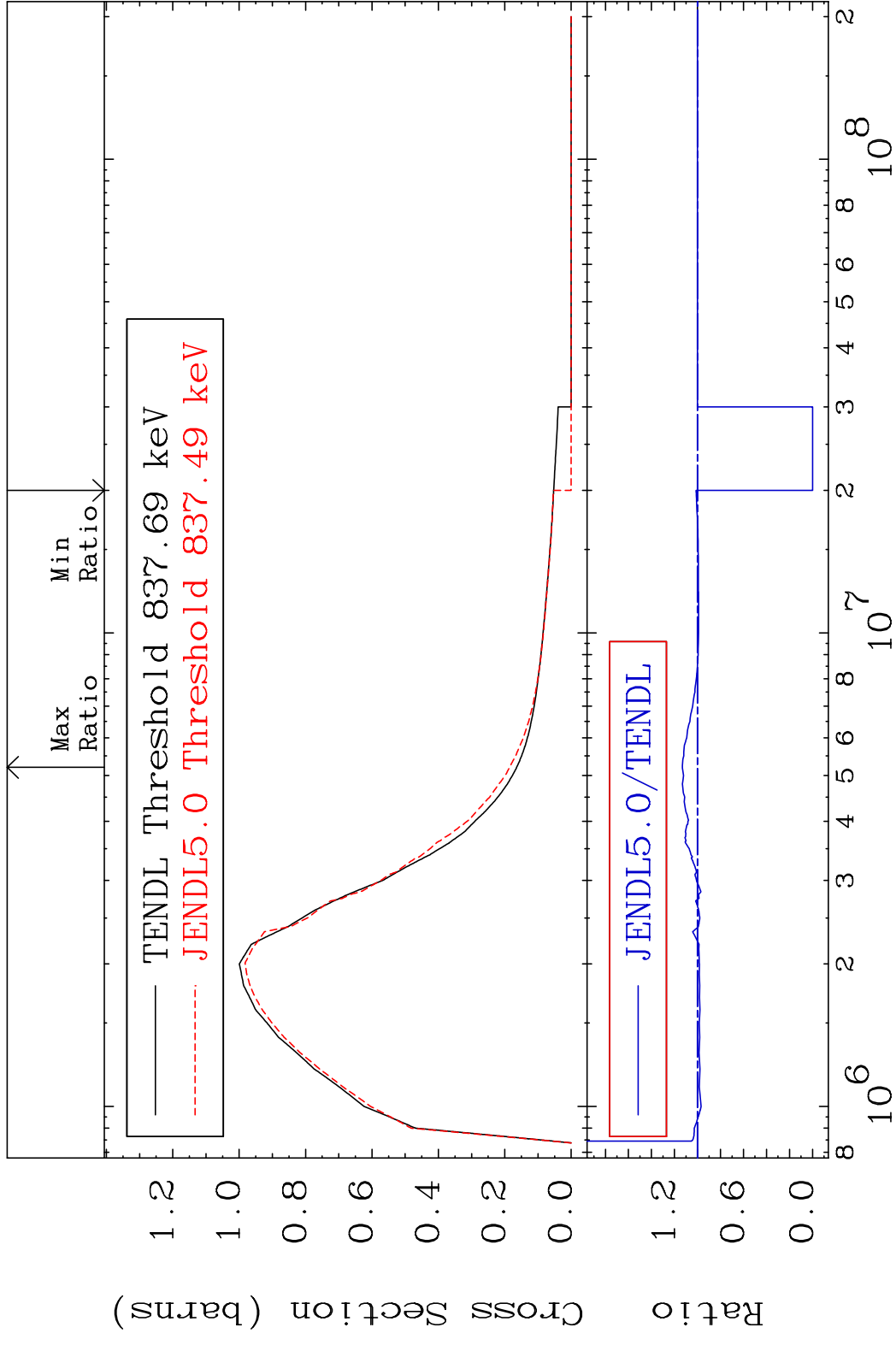
<sup>26</sup>Fe-60



MAT 2643 (n, n') p 26-Fe-60  
 Cross Section -100.0 To 0.000 %

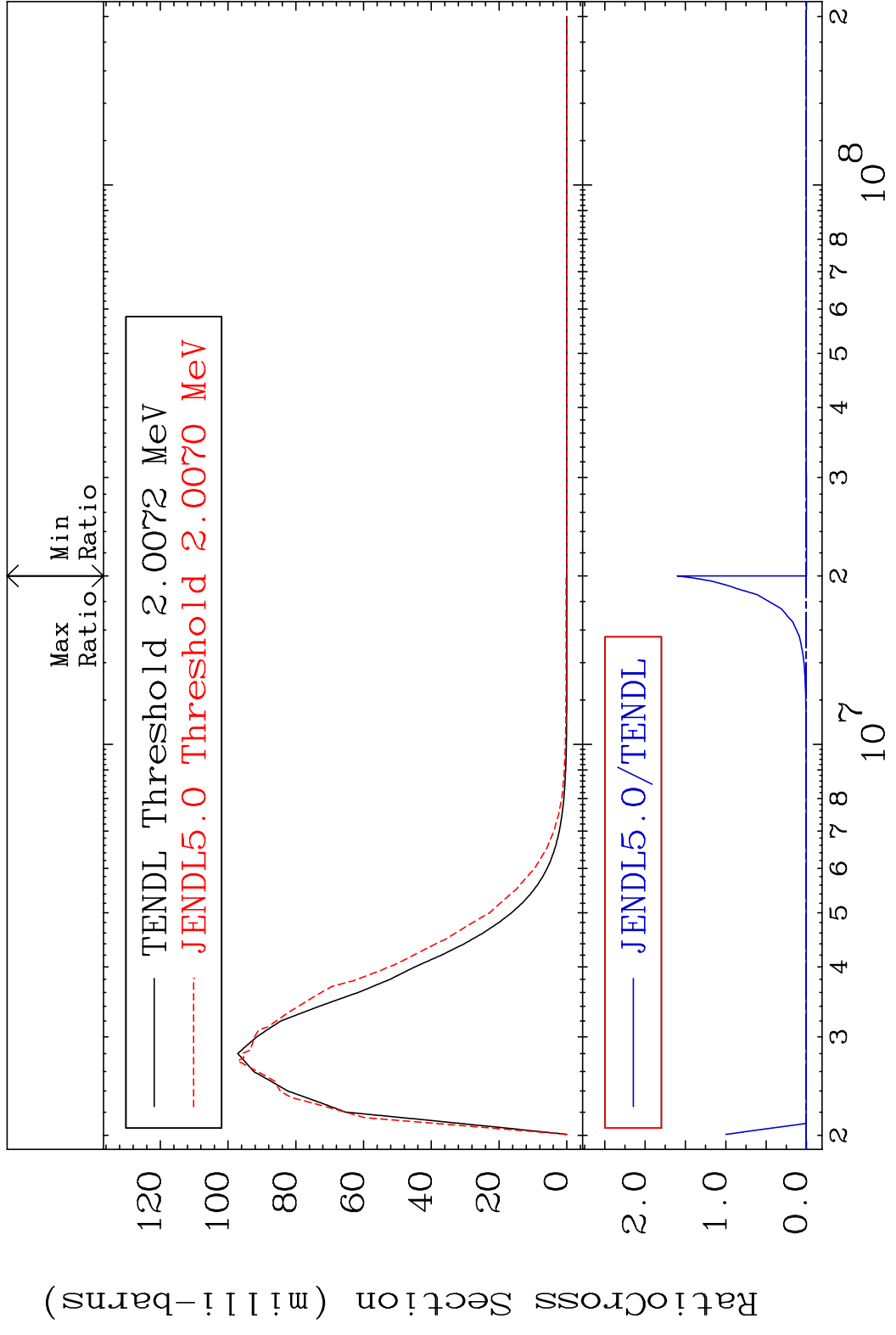


MAT 2643 MT= 51 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 13.15 %

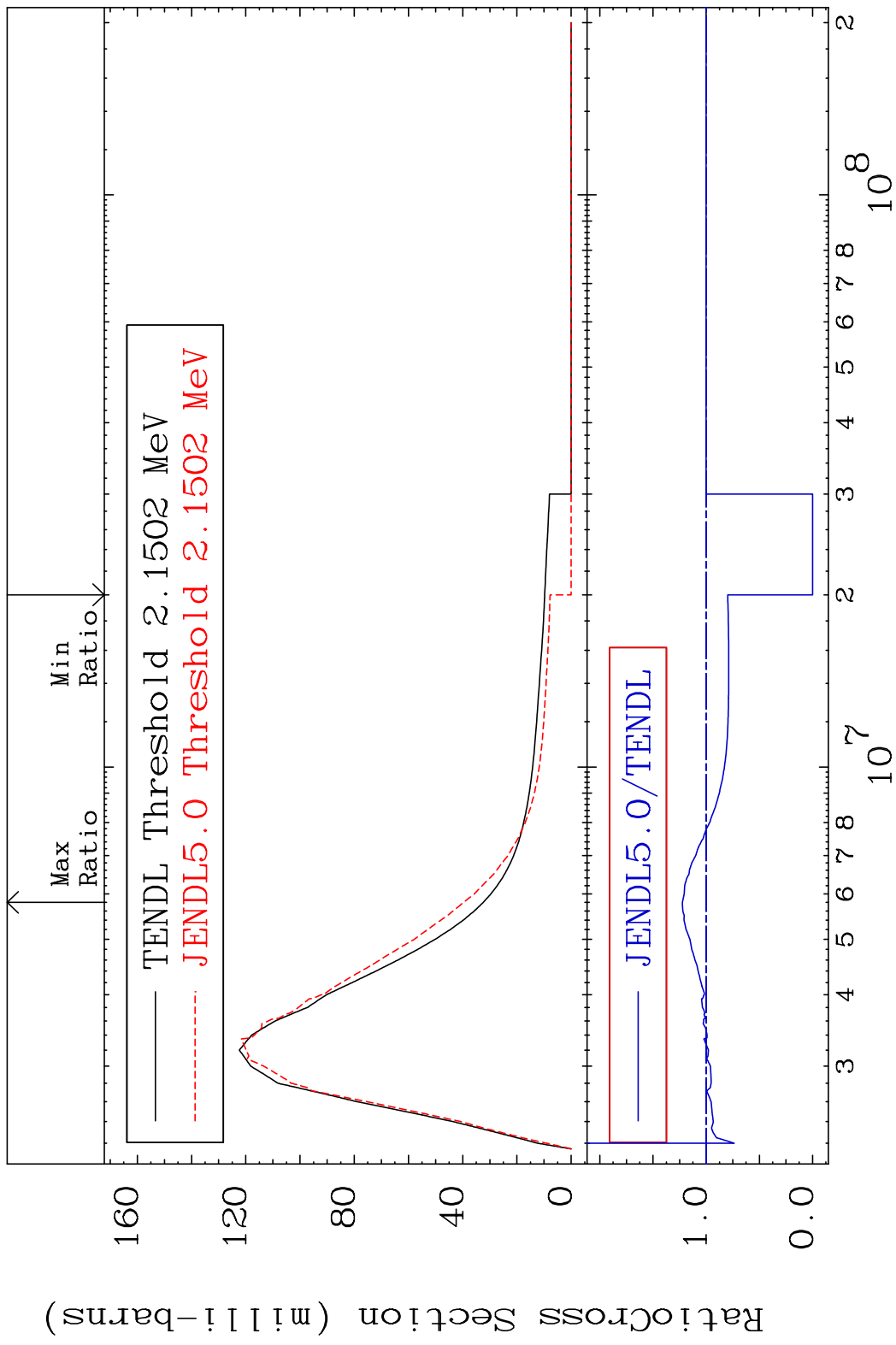


9 Incident Energy (eV) 26-Fe-60

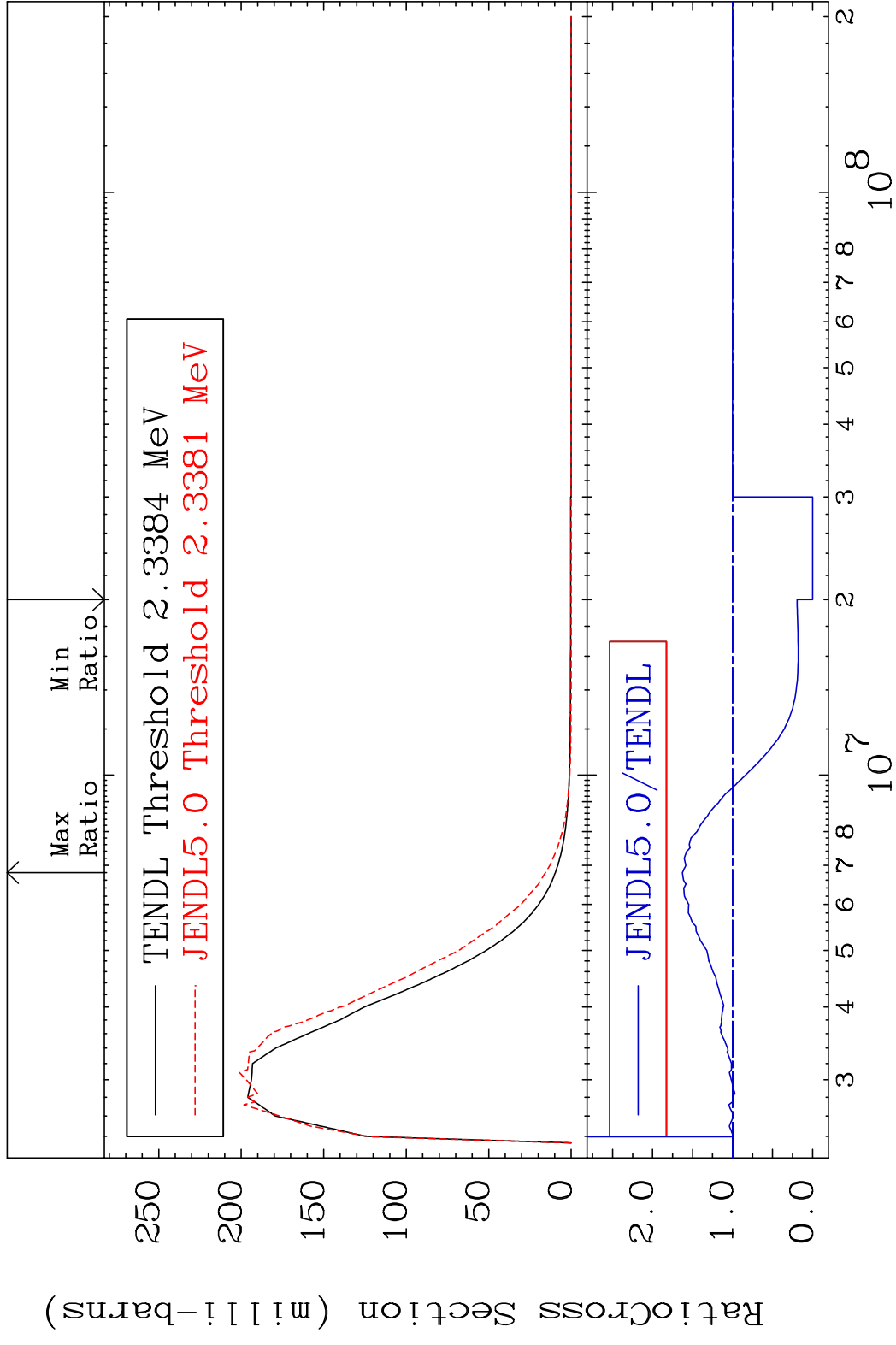
MAT 2643 MT= 52 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 9999. %



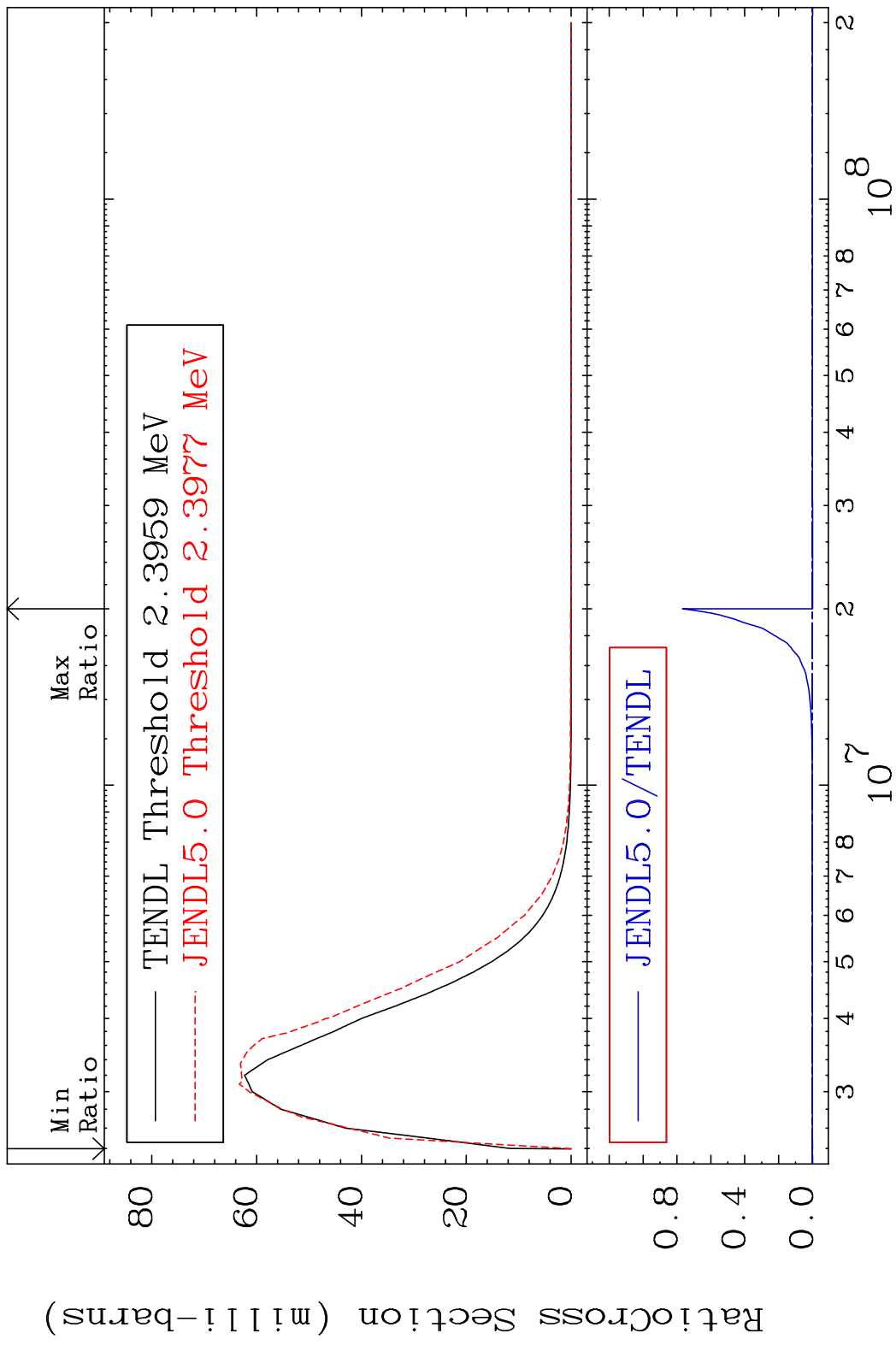
MAT 2643 MT= 53 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 22.44 %



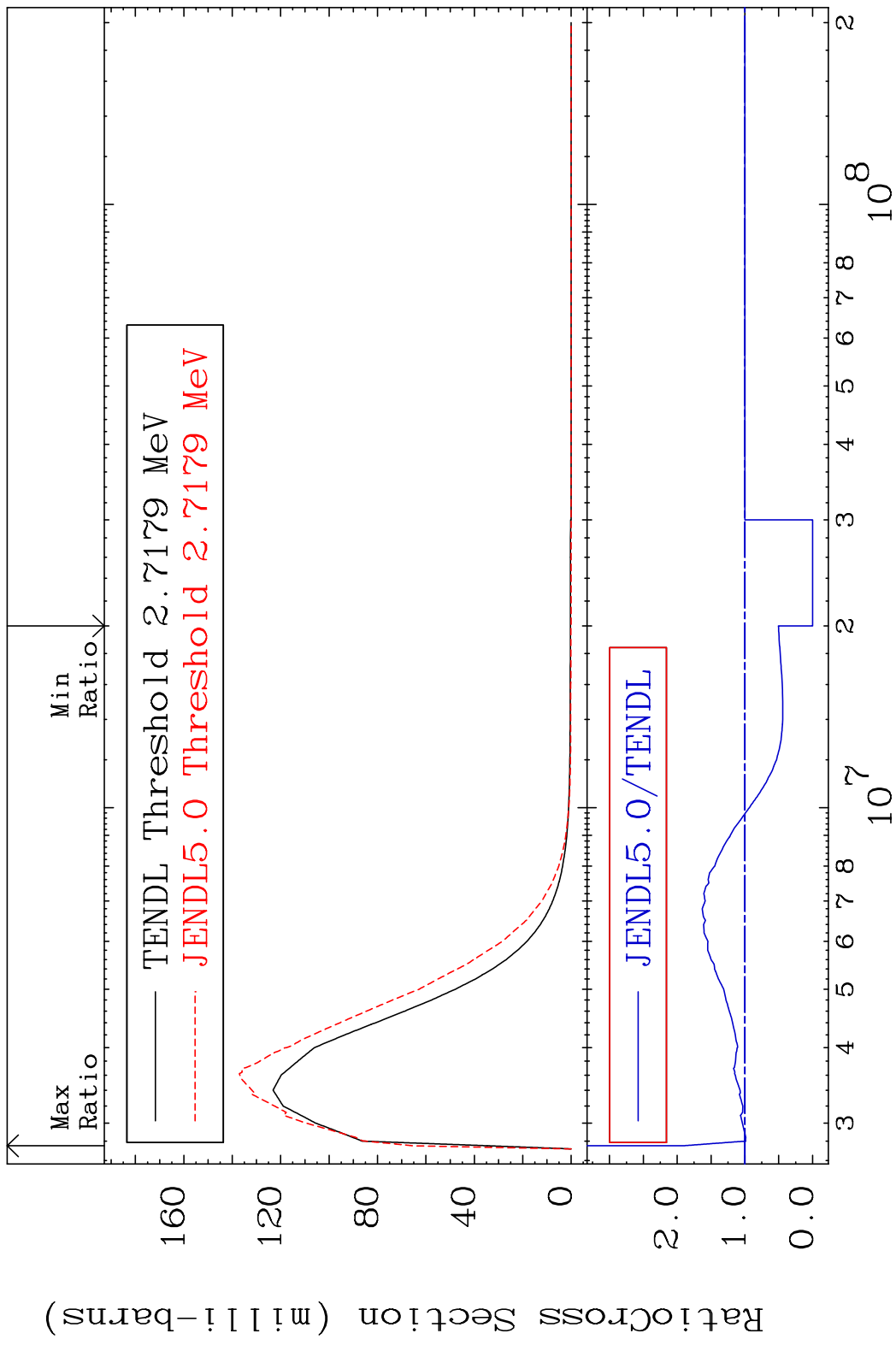
MAT 2643 MT= 54 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 62.77 %



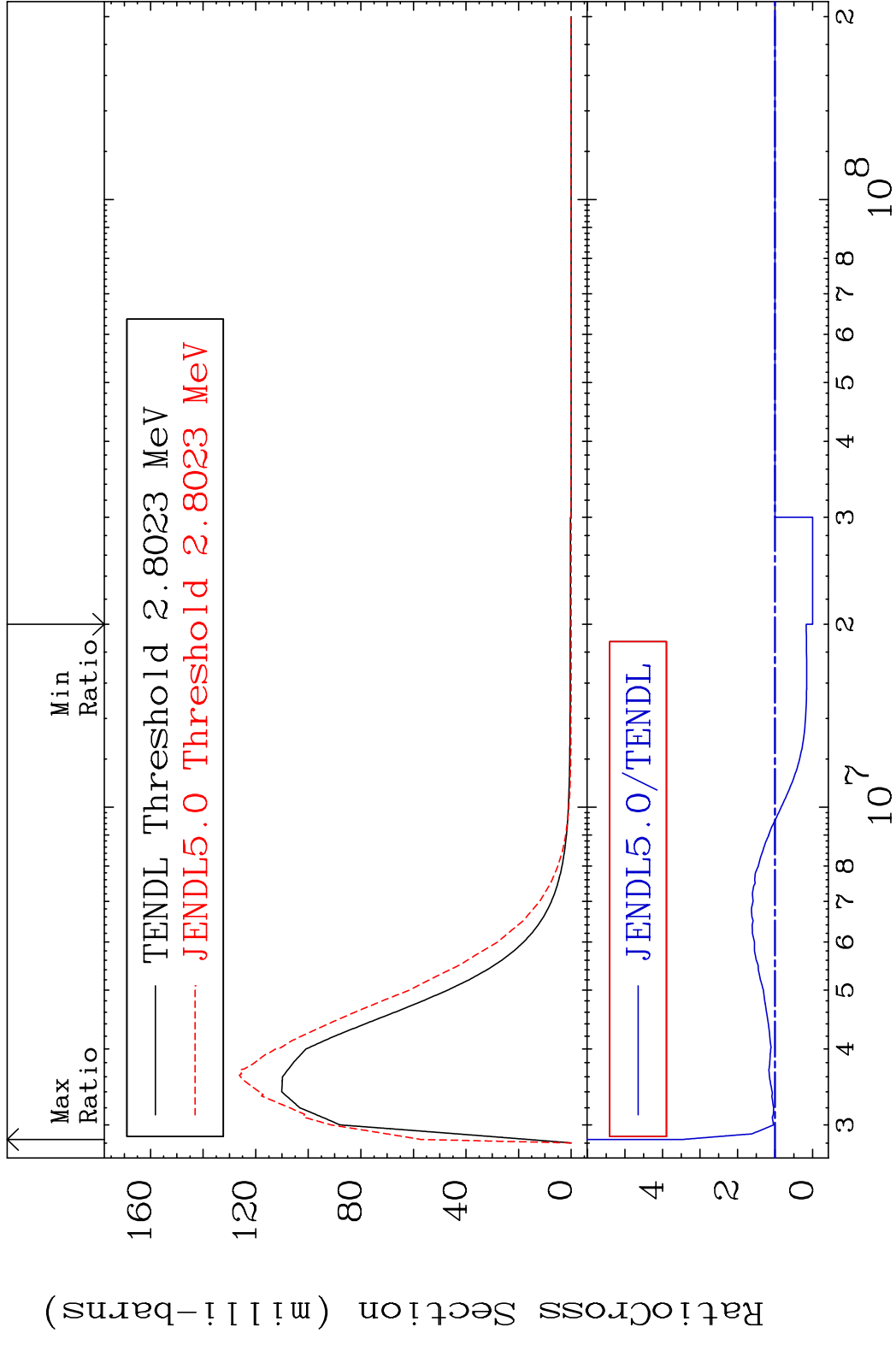
MAT 2643 MT= 55 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 9999. %



MAT 2643 MT= 56 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 92.35 %



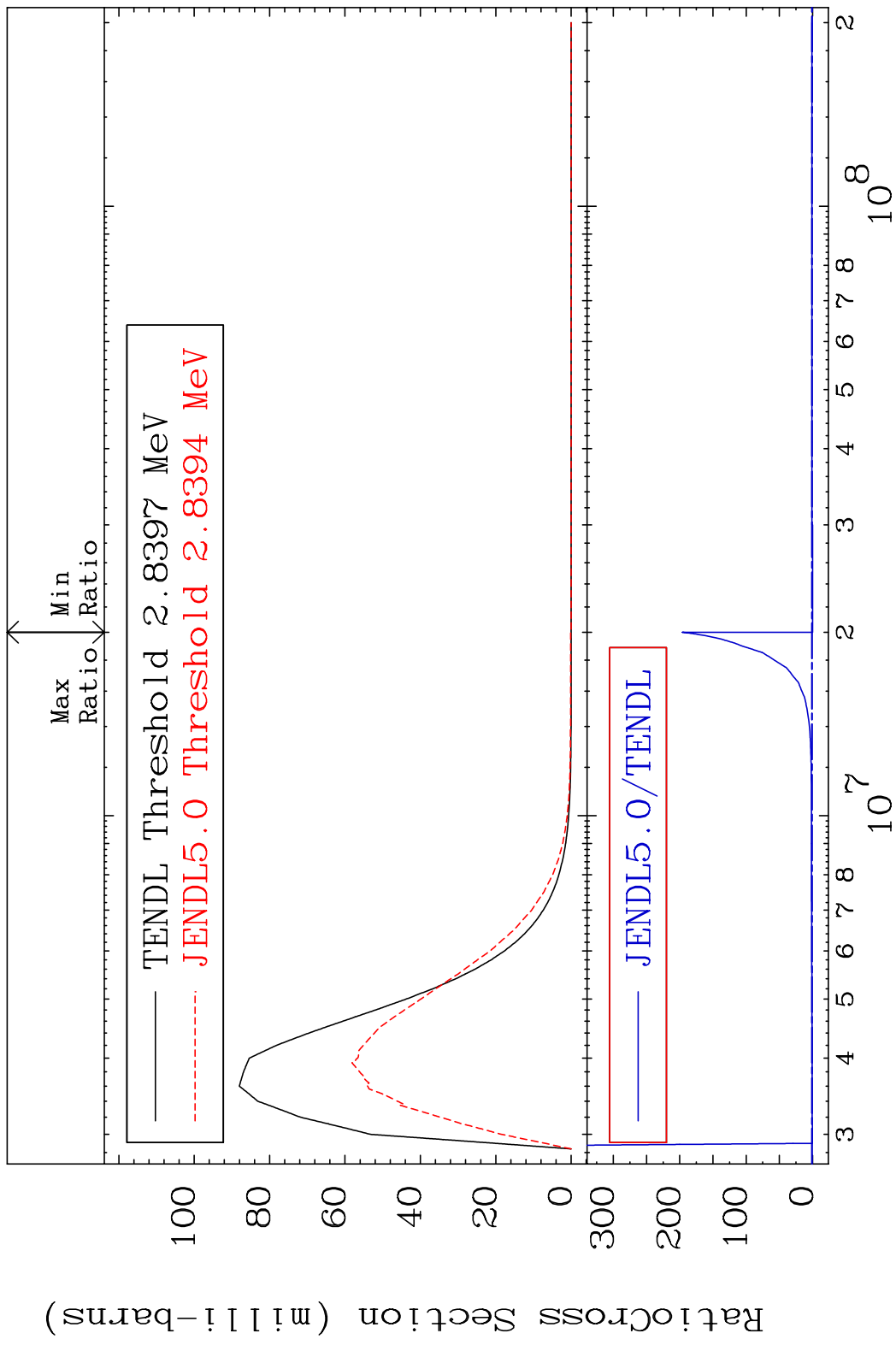
MAT 2643 MT= 57 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 247.0 %



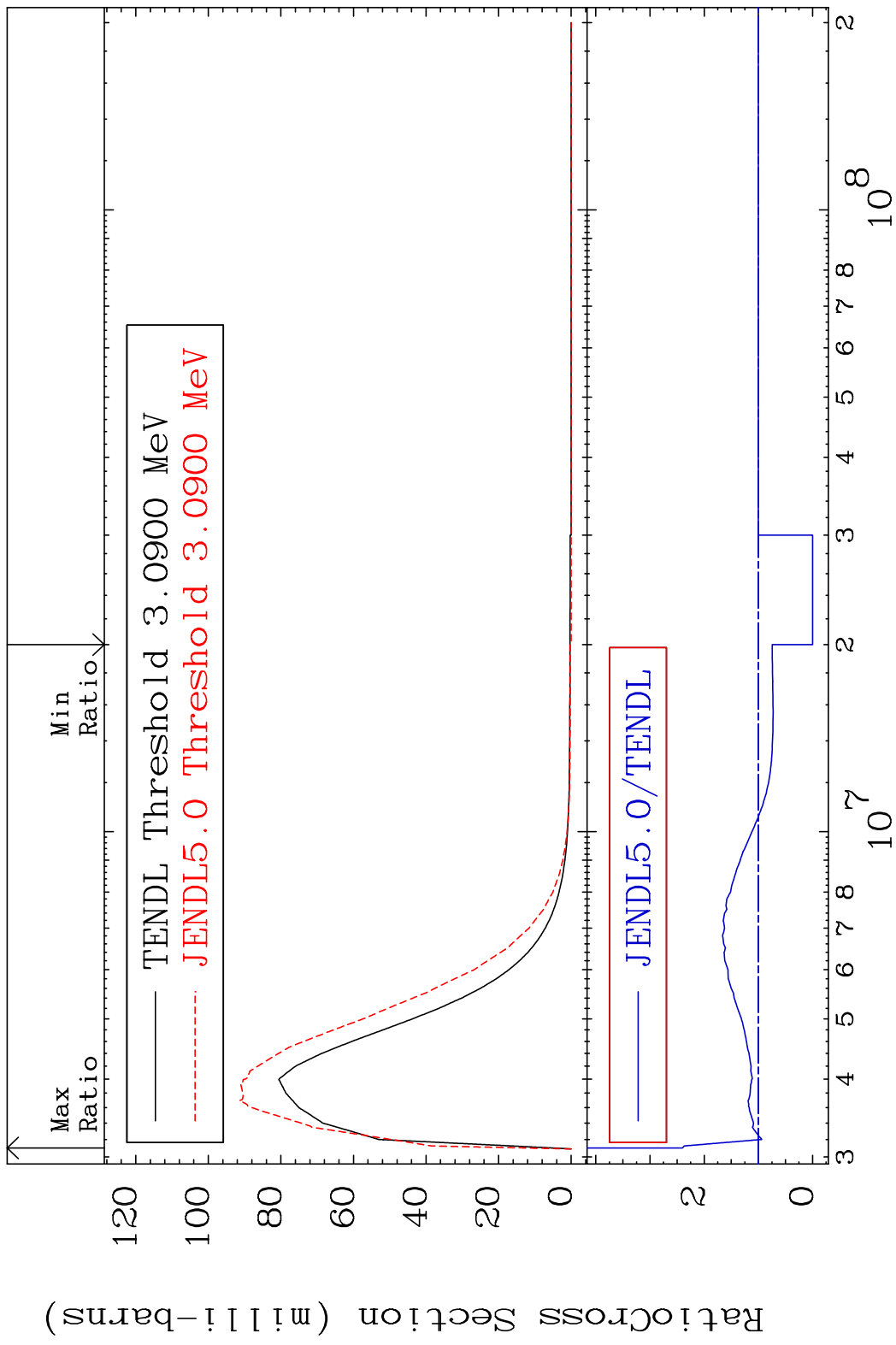
15 26-Fe-60



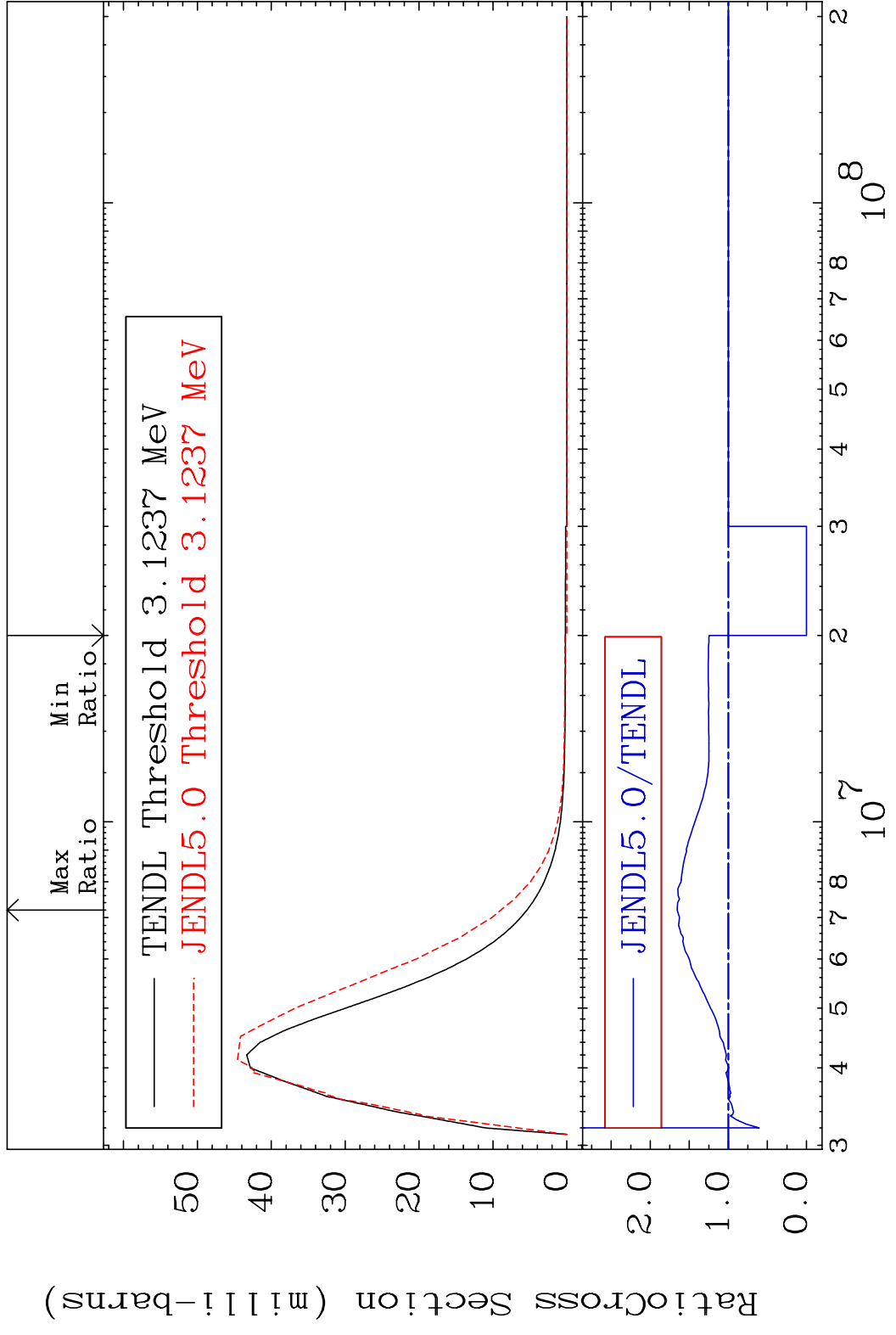
MAT 2643 MT= 58 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 9999. %



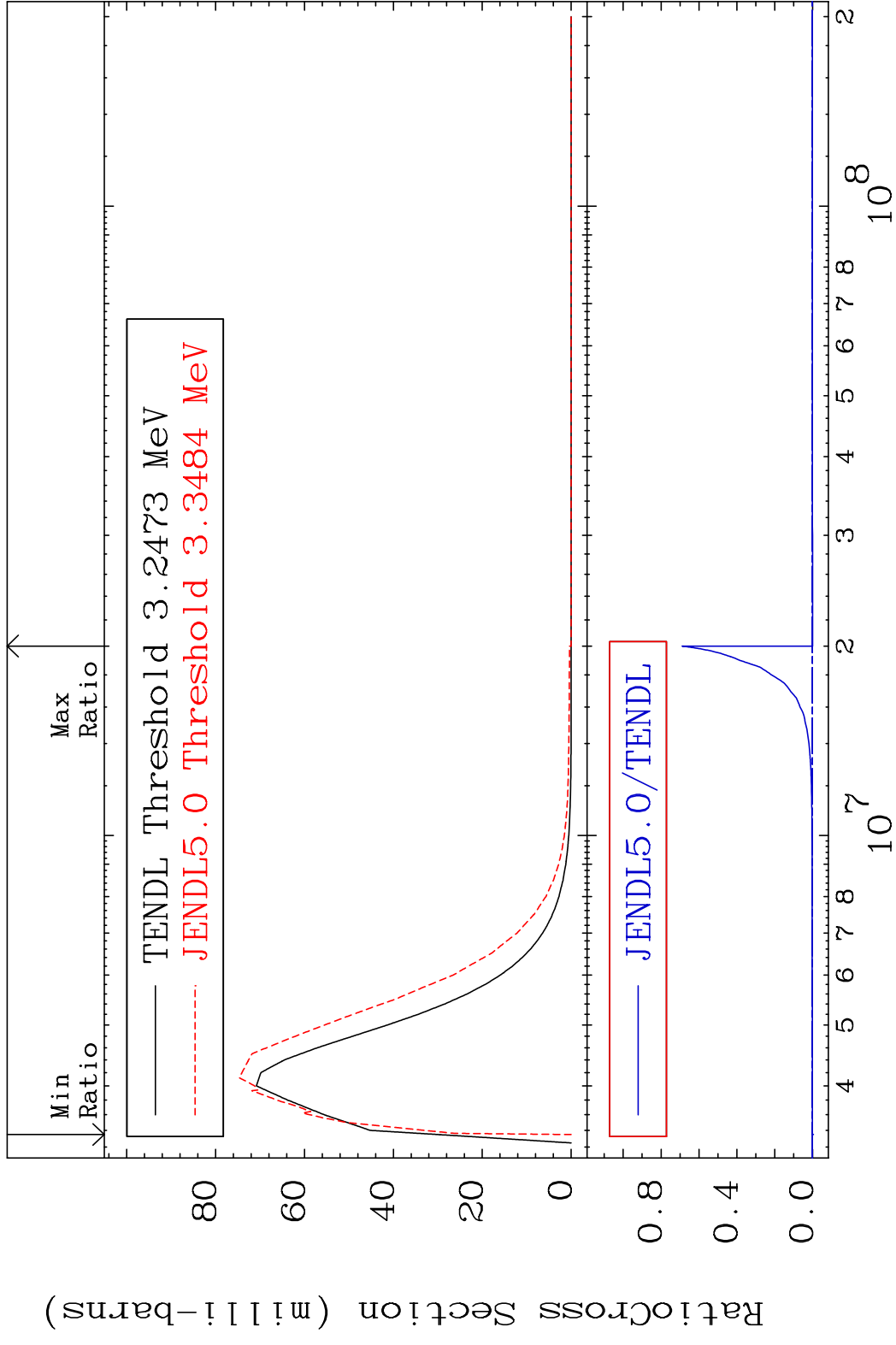
MAT 2643 MT= 59 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 140.3 %



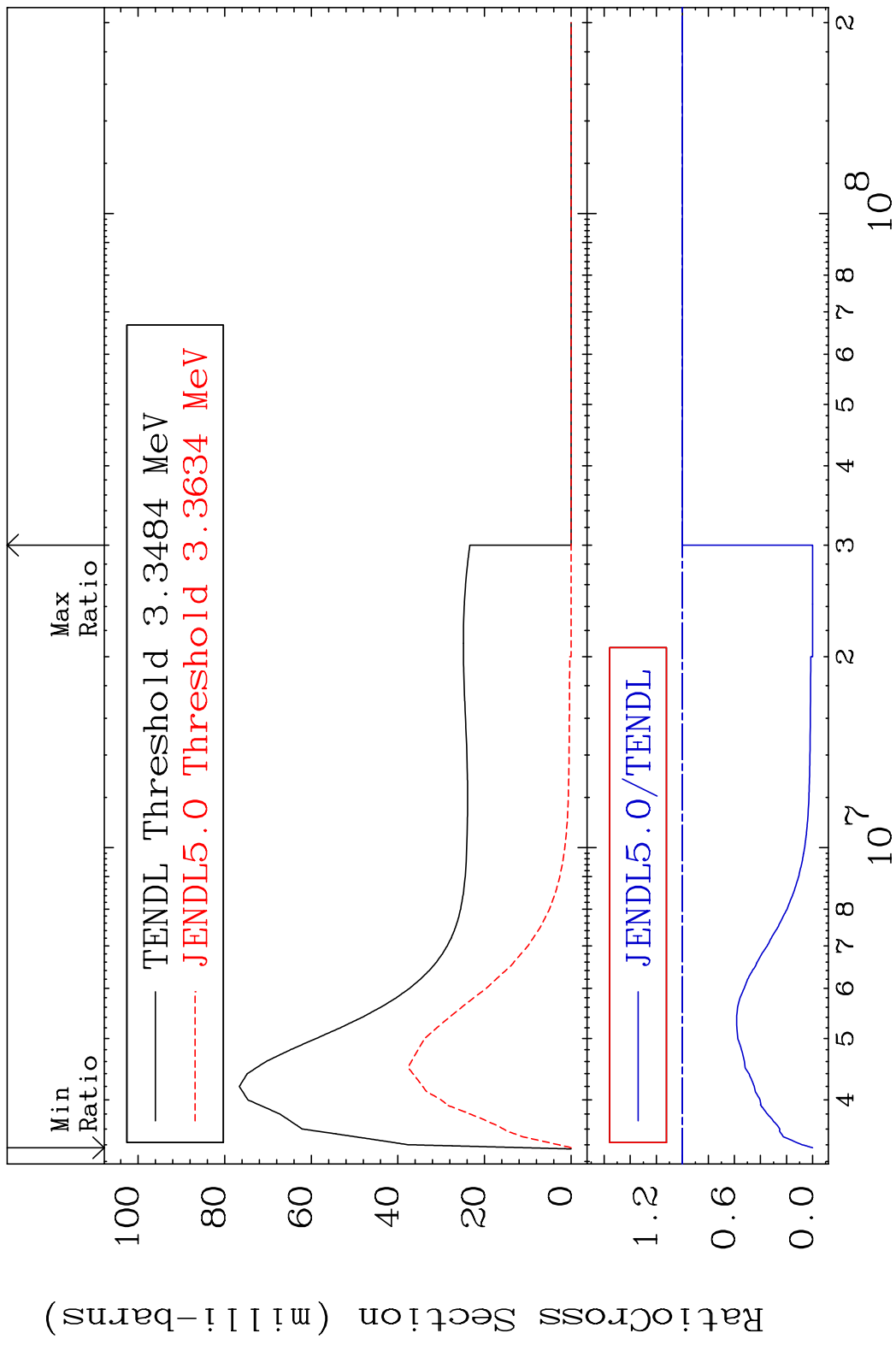
MAT 2643 MT= 60 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 65.50 %



MAT 2643 MT= 61 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 9999. %

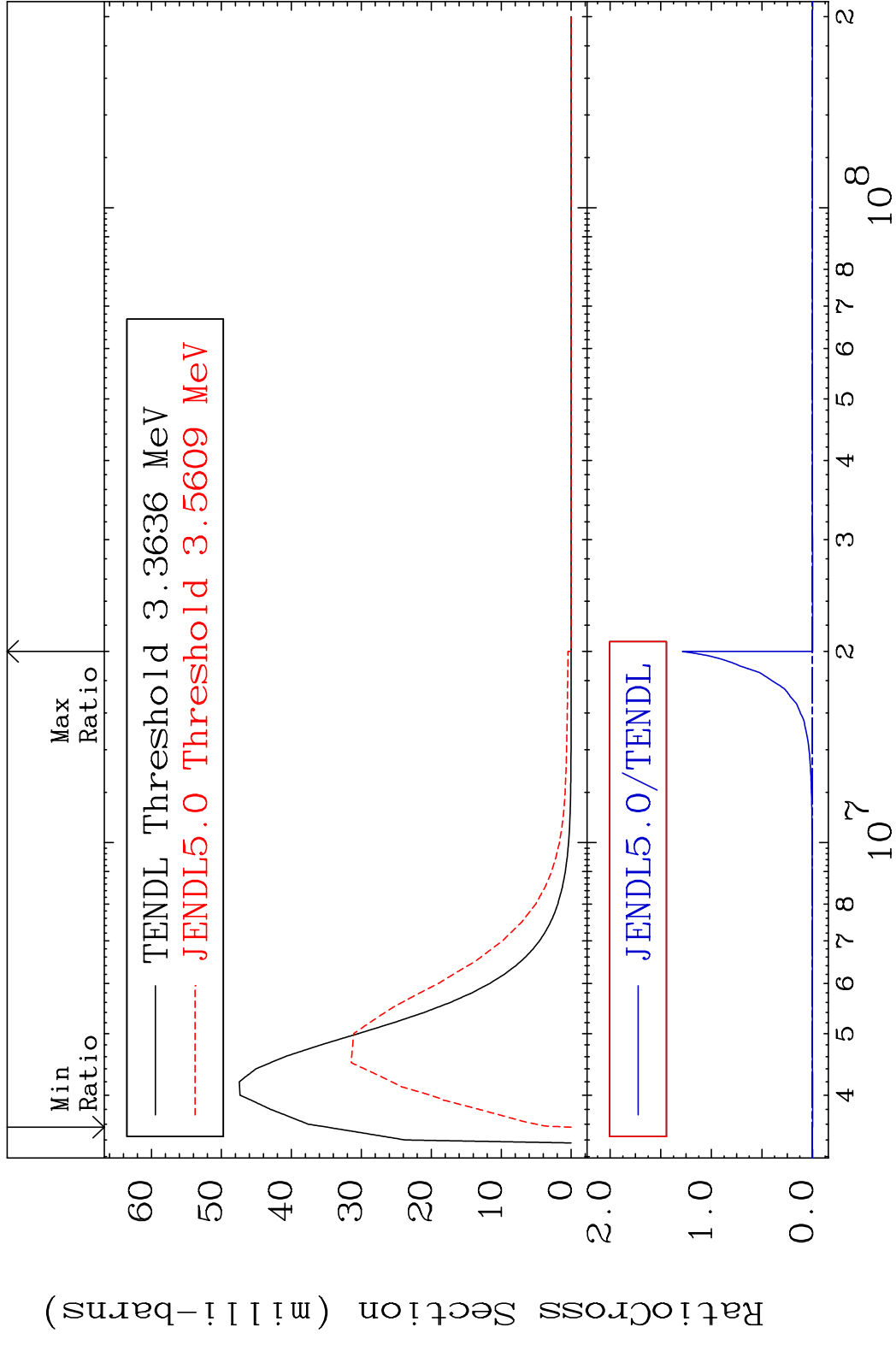


MAT 2643 MT= 62 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 0.000 %

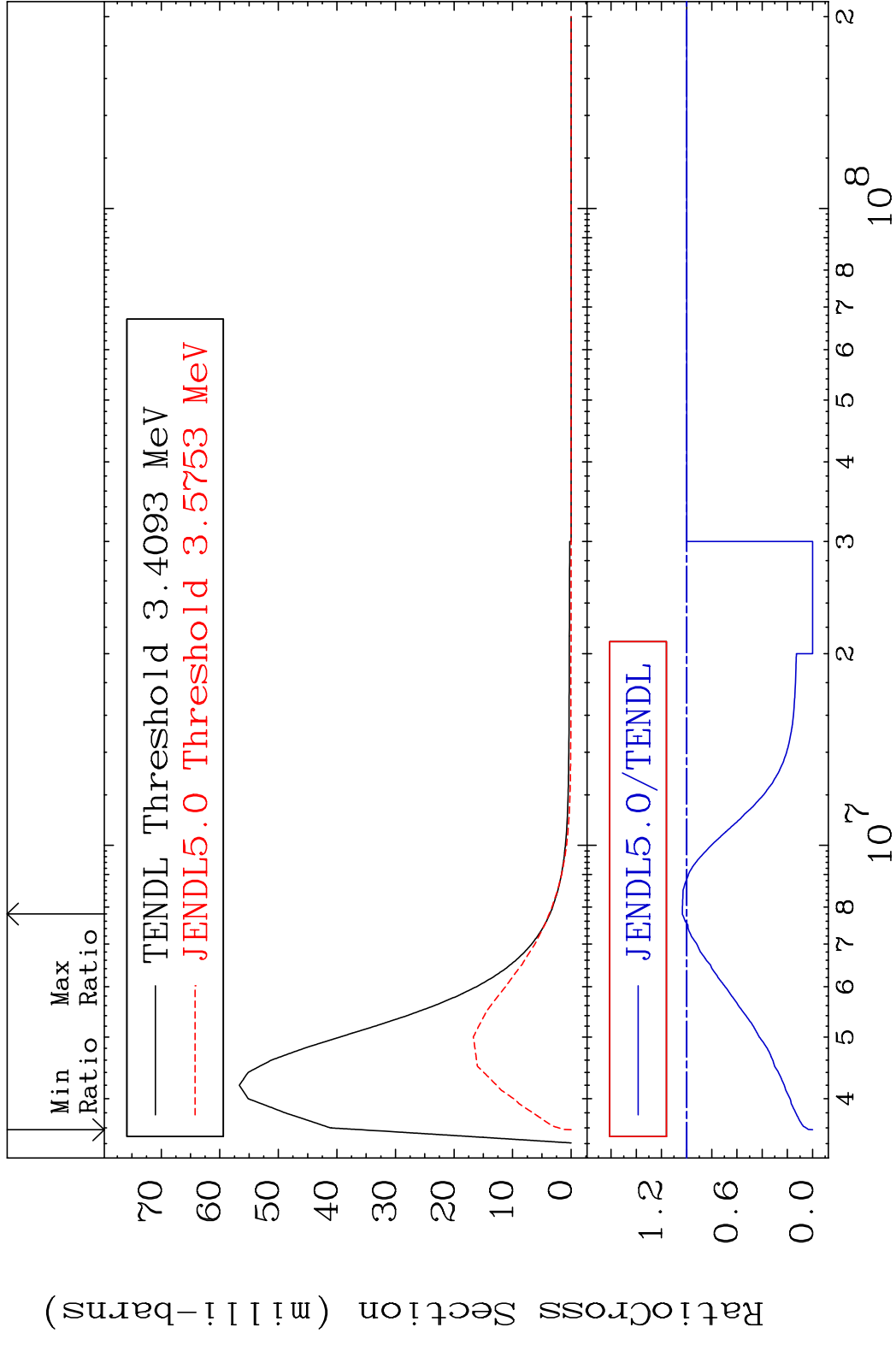


20 Incident Energy (eV) 26-Fe-60

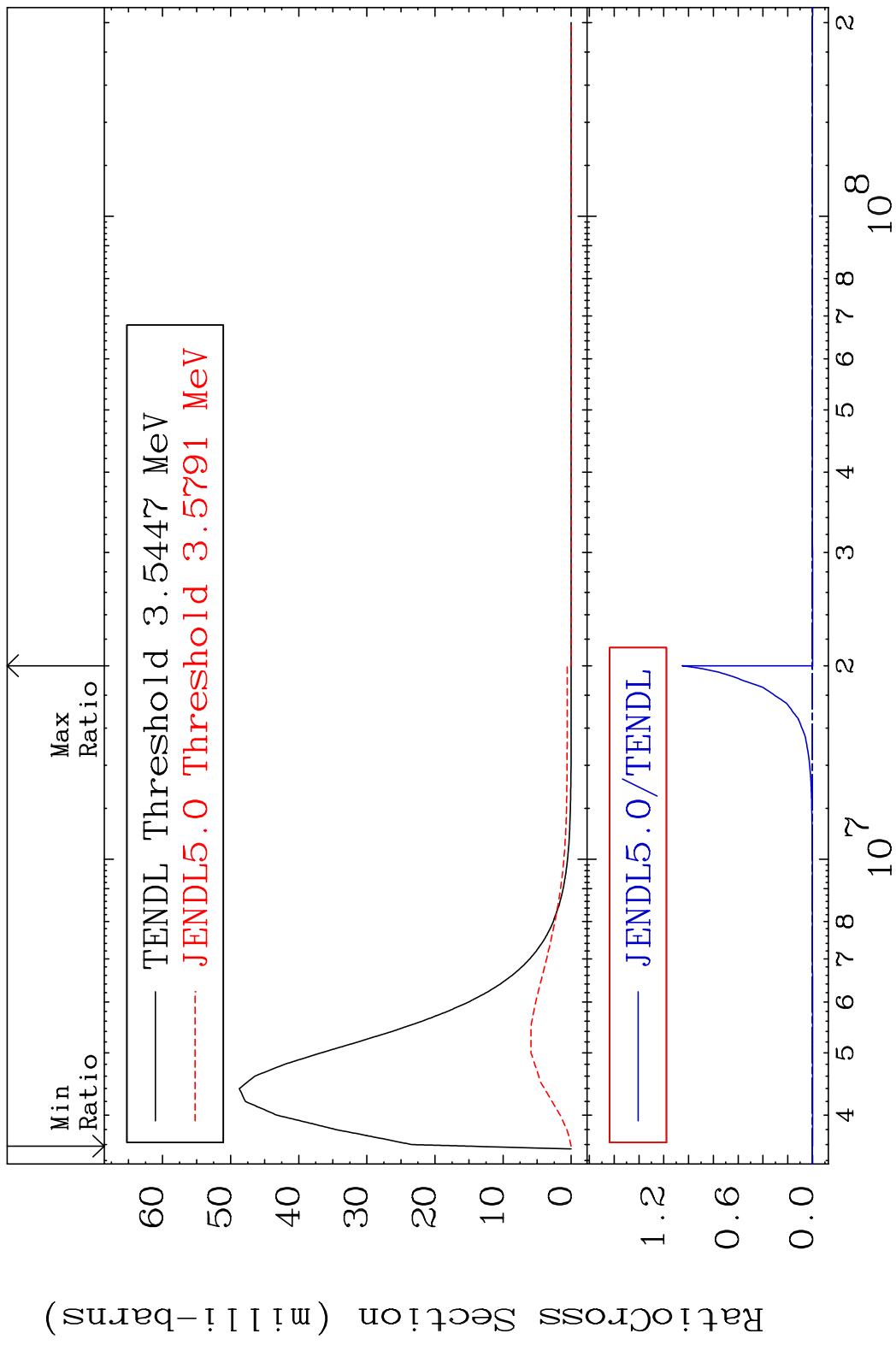
MAT 2643 MT= 63 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 9999. %



MAT 2643 MT= 64 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 3.398 %

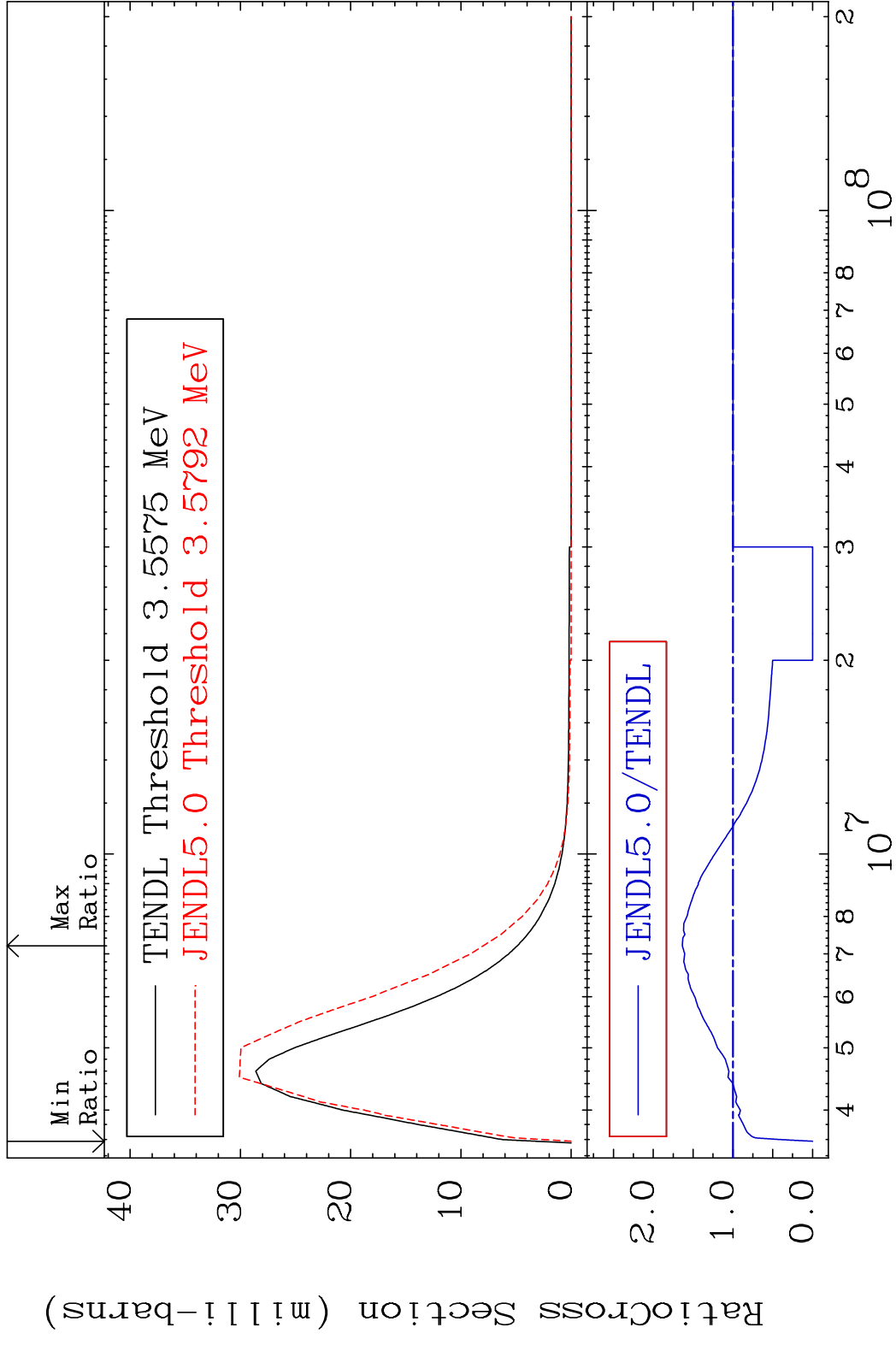


MAT 2643 MT= 65 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 9999. %

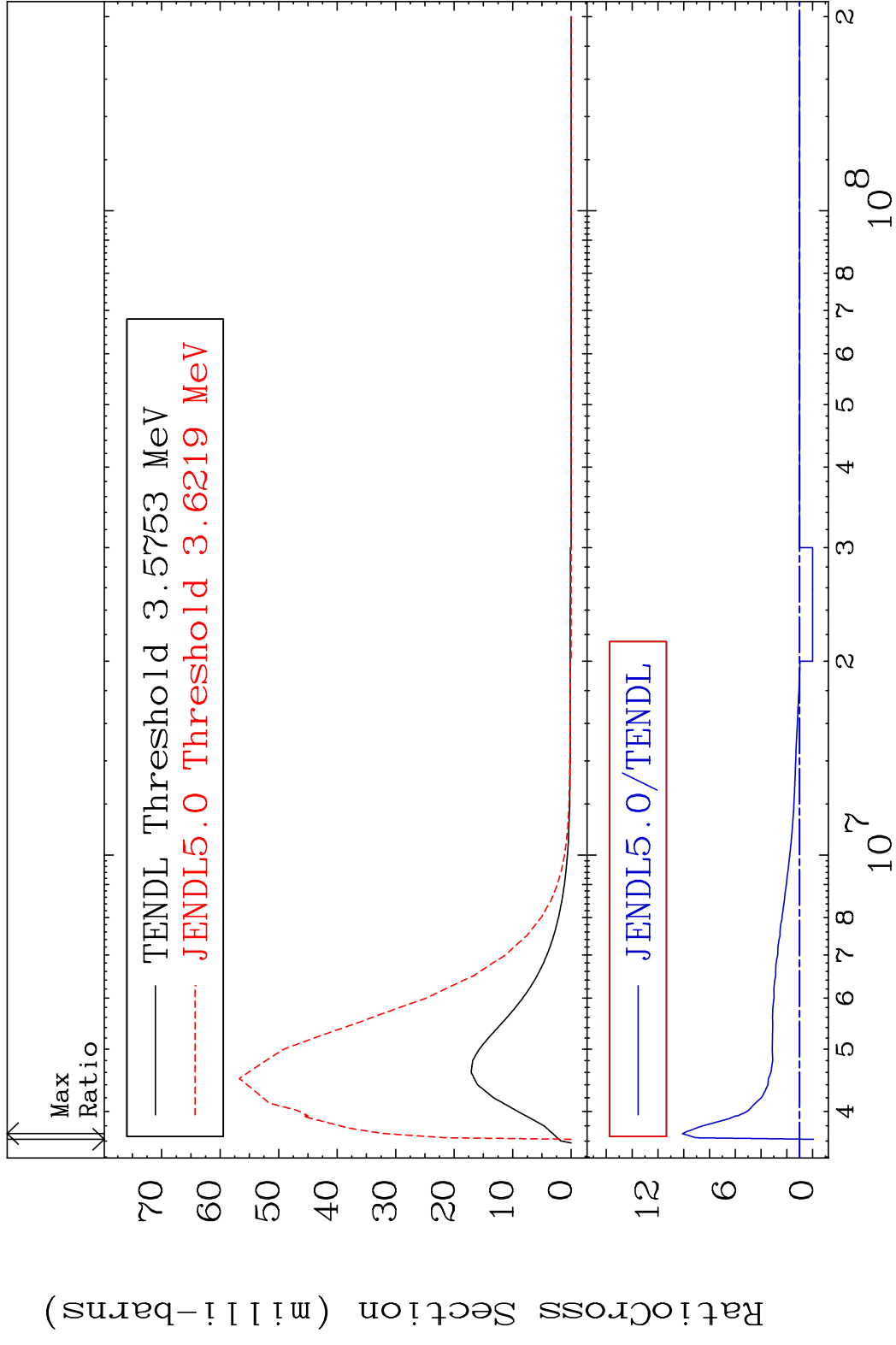




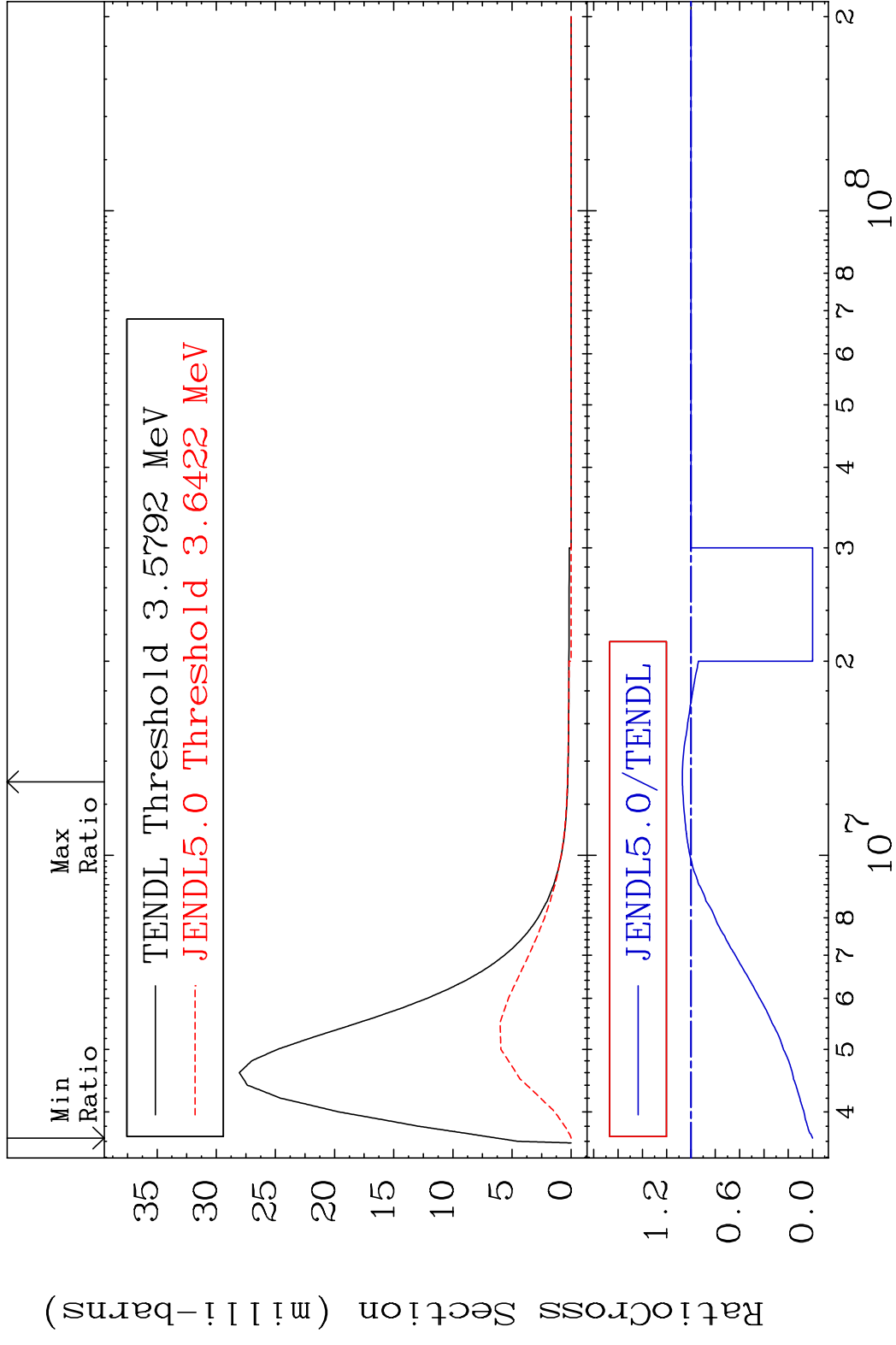
MAT 2643 MT= 66 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 63.50 %



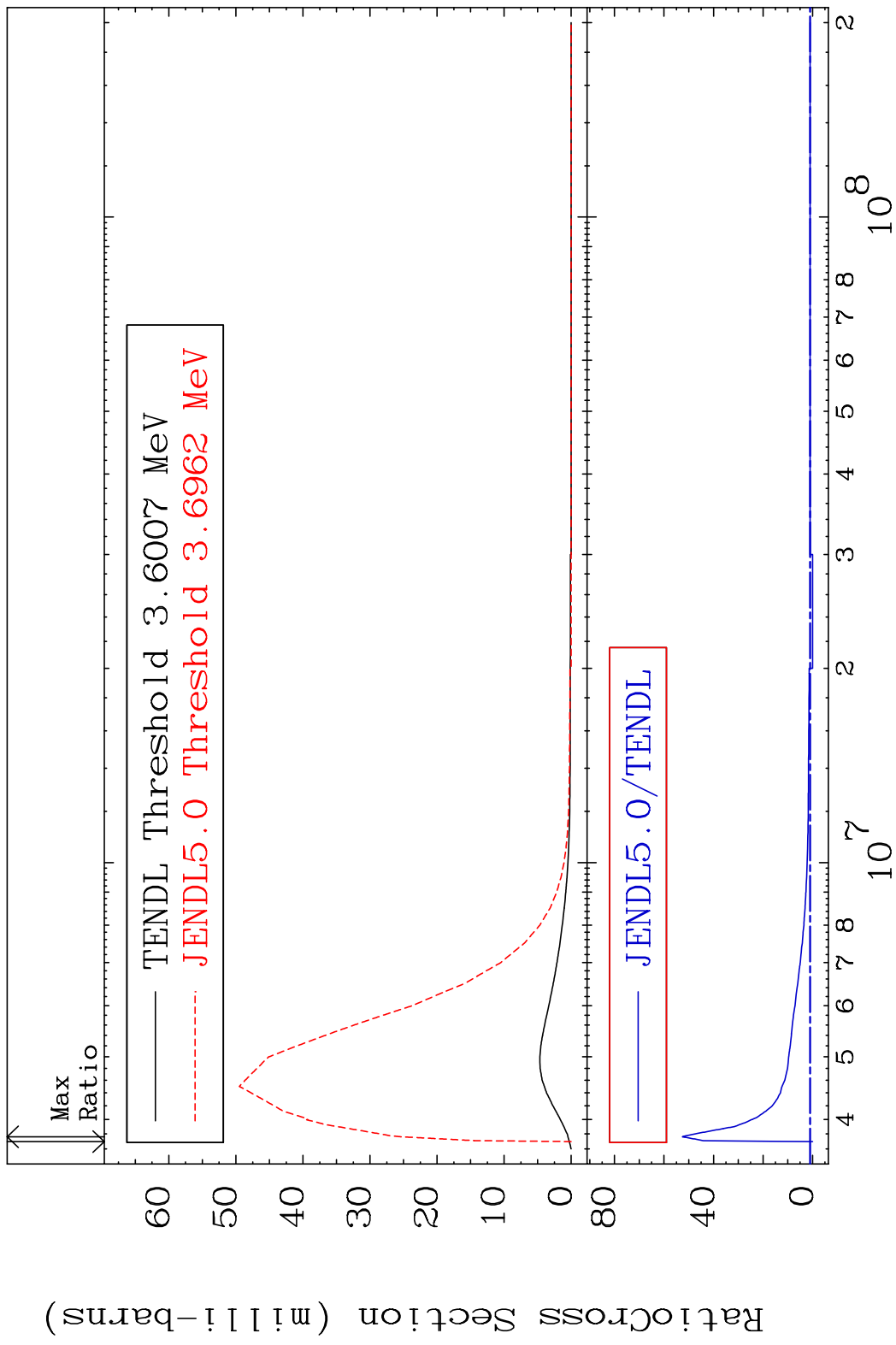
MAT 2643 MT= 67 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 910.2 %



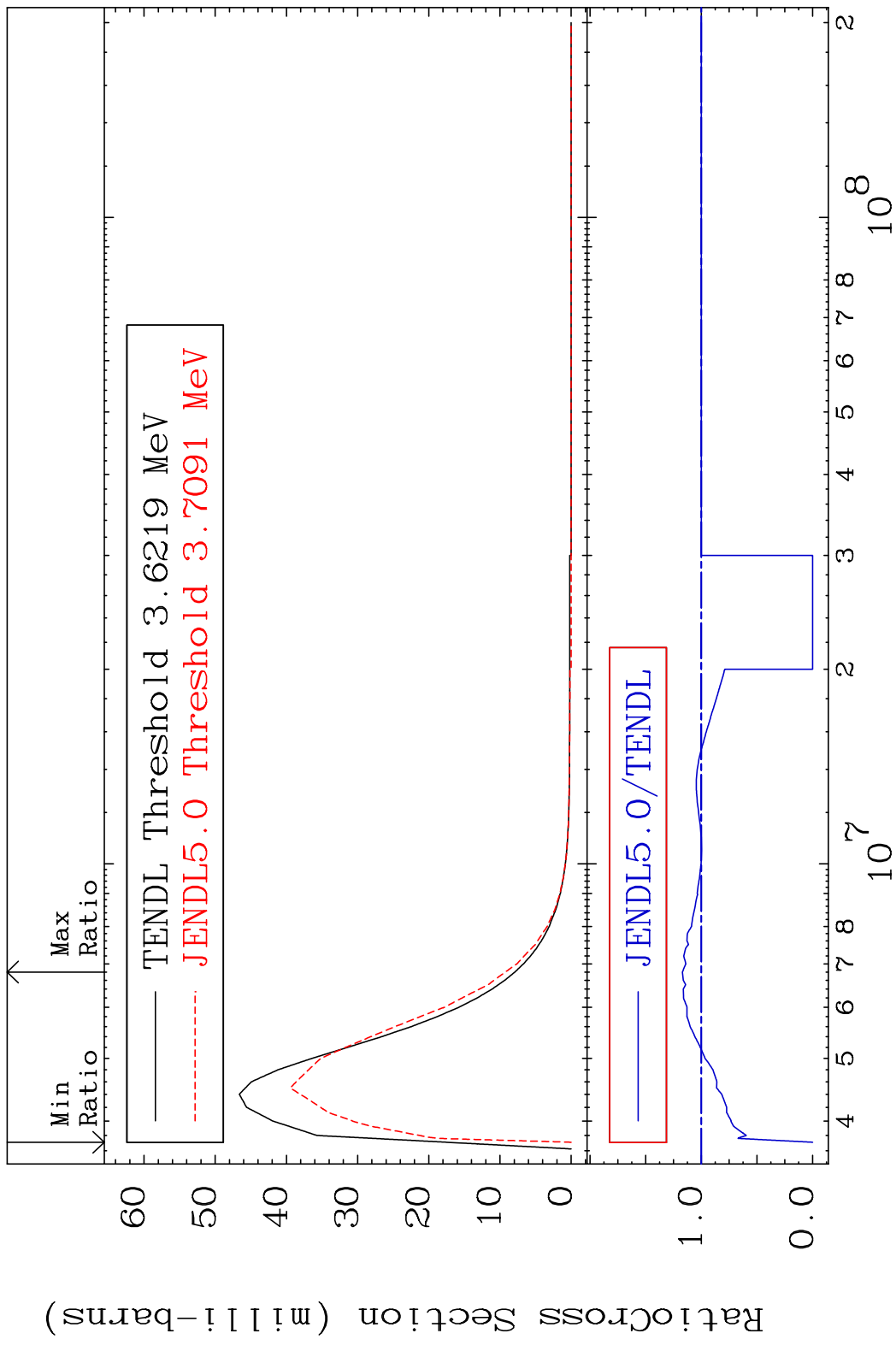
MAT 2643 MT= 68 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 7.128 %



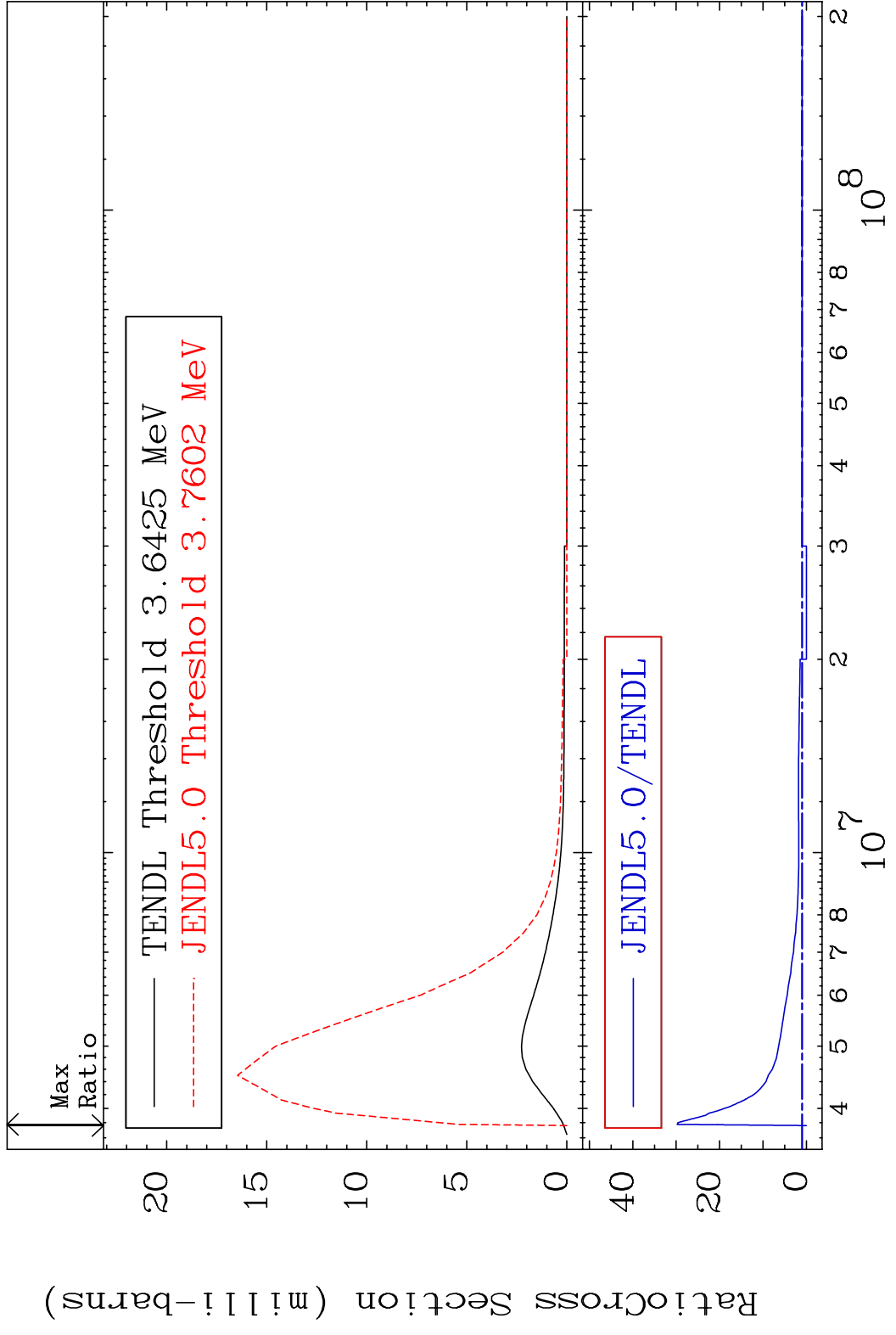
MAT 2643 MT= 69 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 5159. %



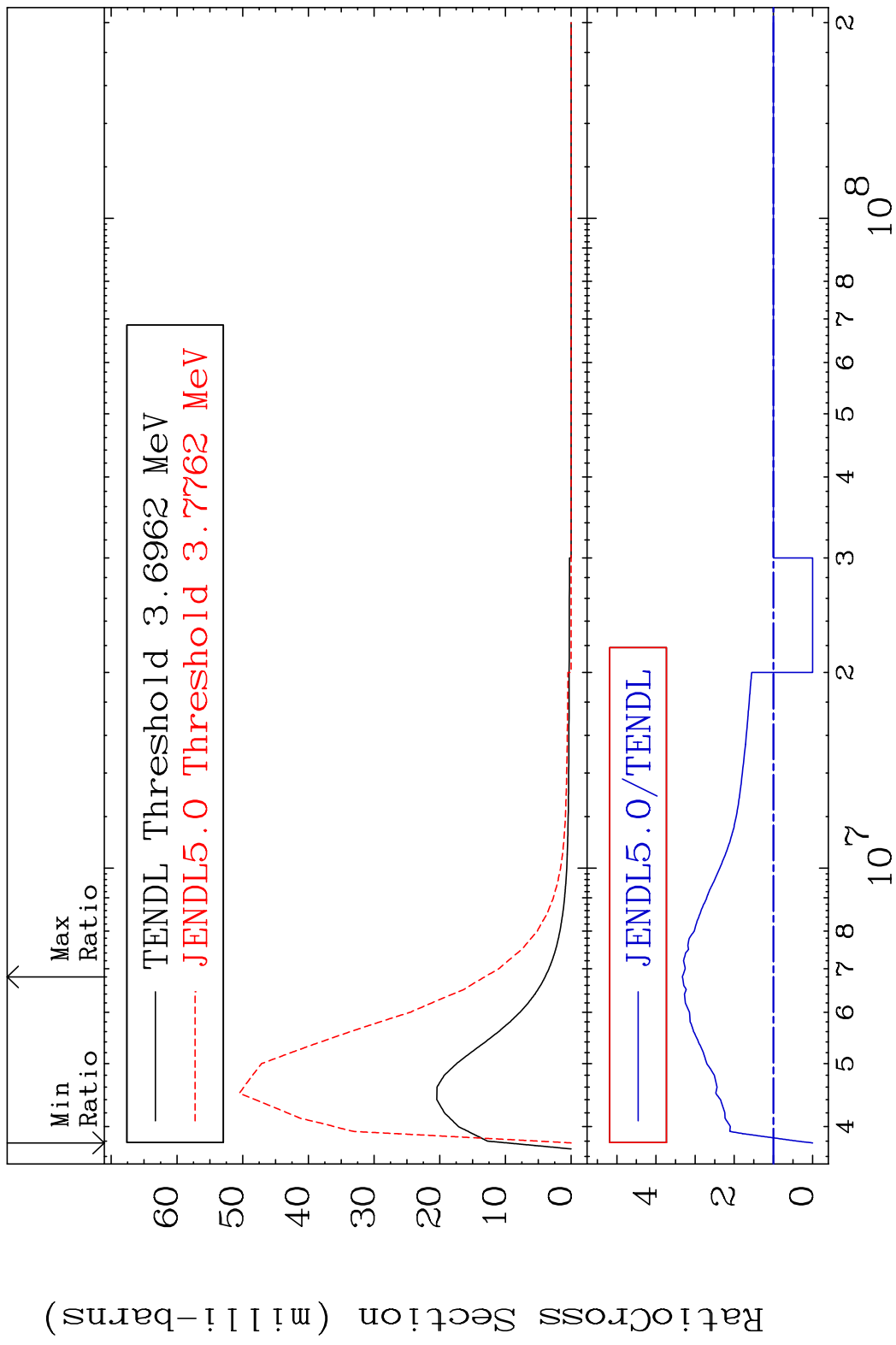
MAT 2643 MT= 70 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 17.03 %



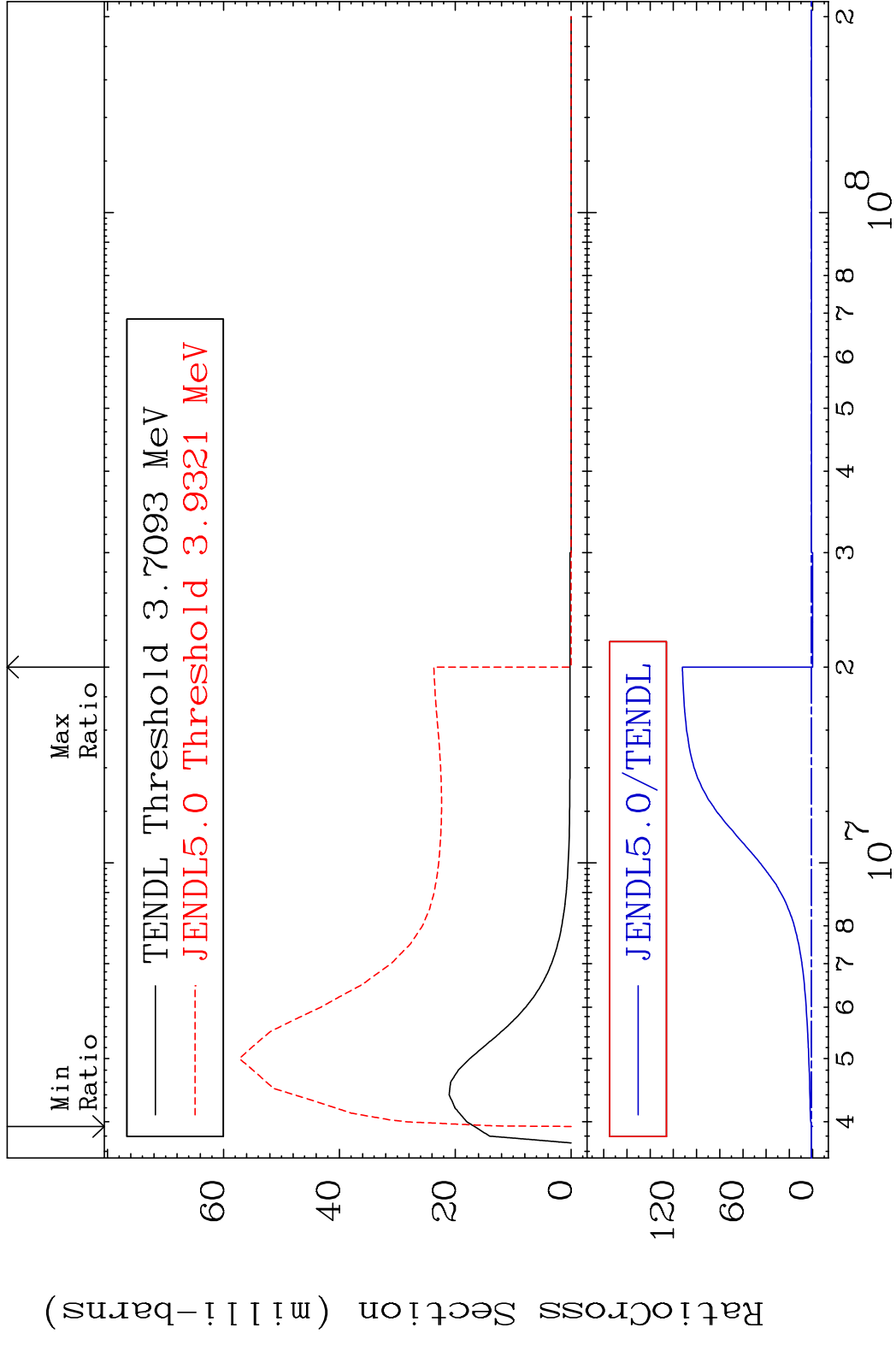
MAT 2643 MT= 71 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 2877. %



MAT 2643 MT= 72 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 232.6 %

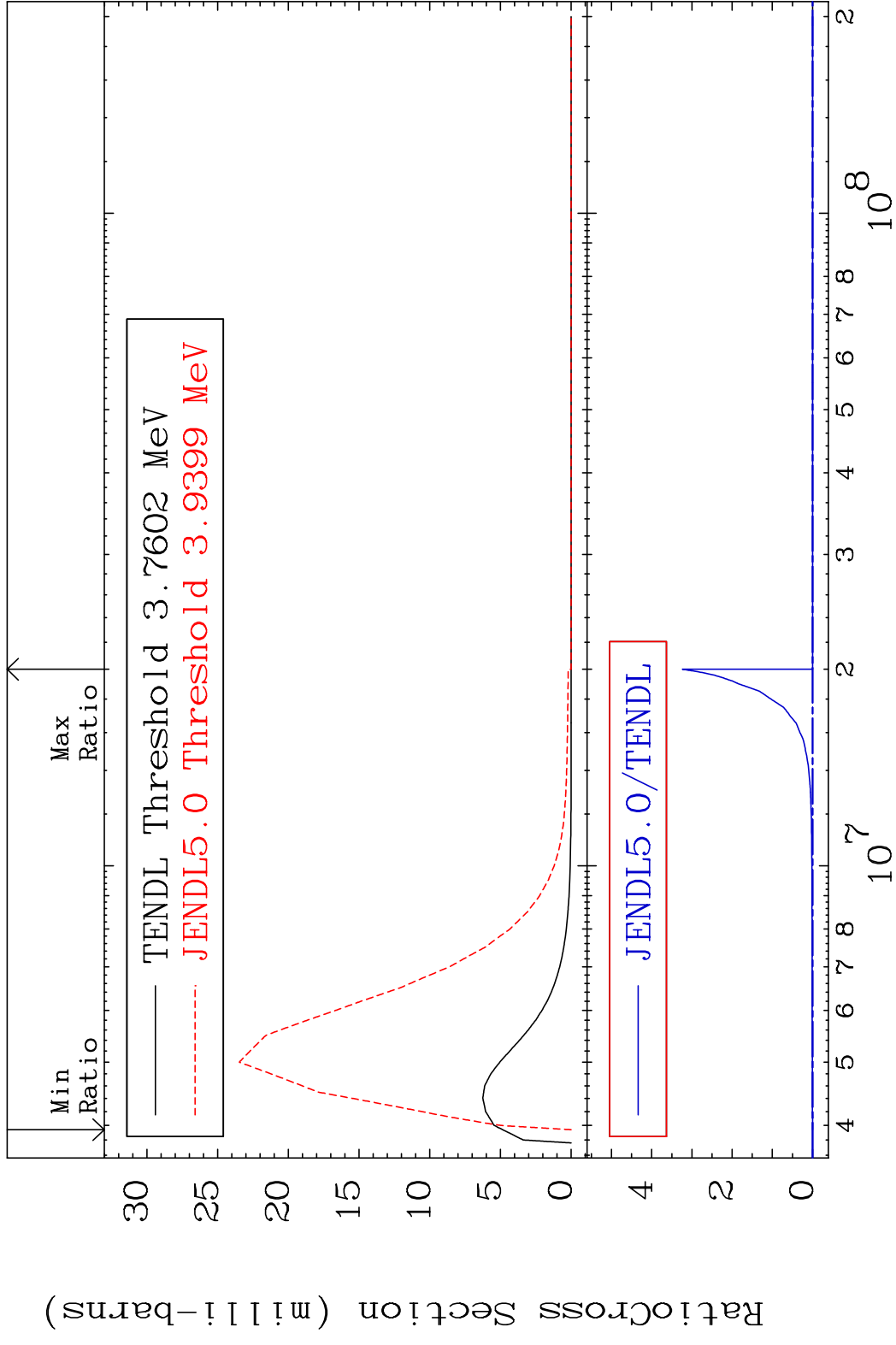


MAT 2643 MT= 73 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 9999. %

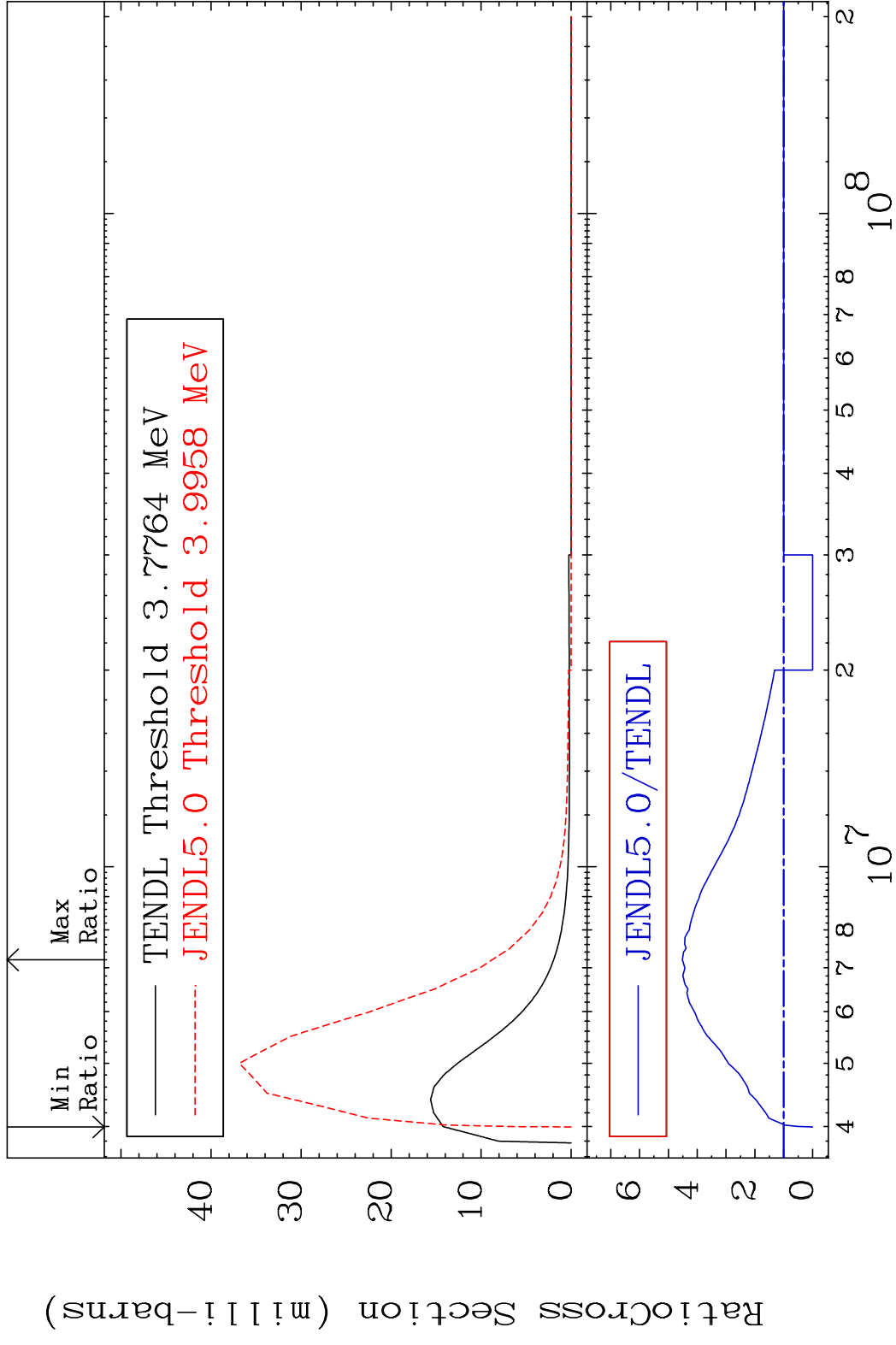




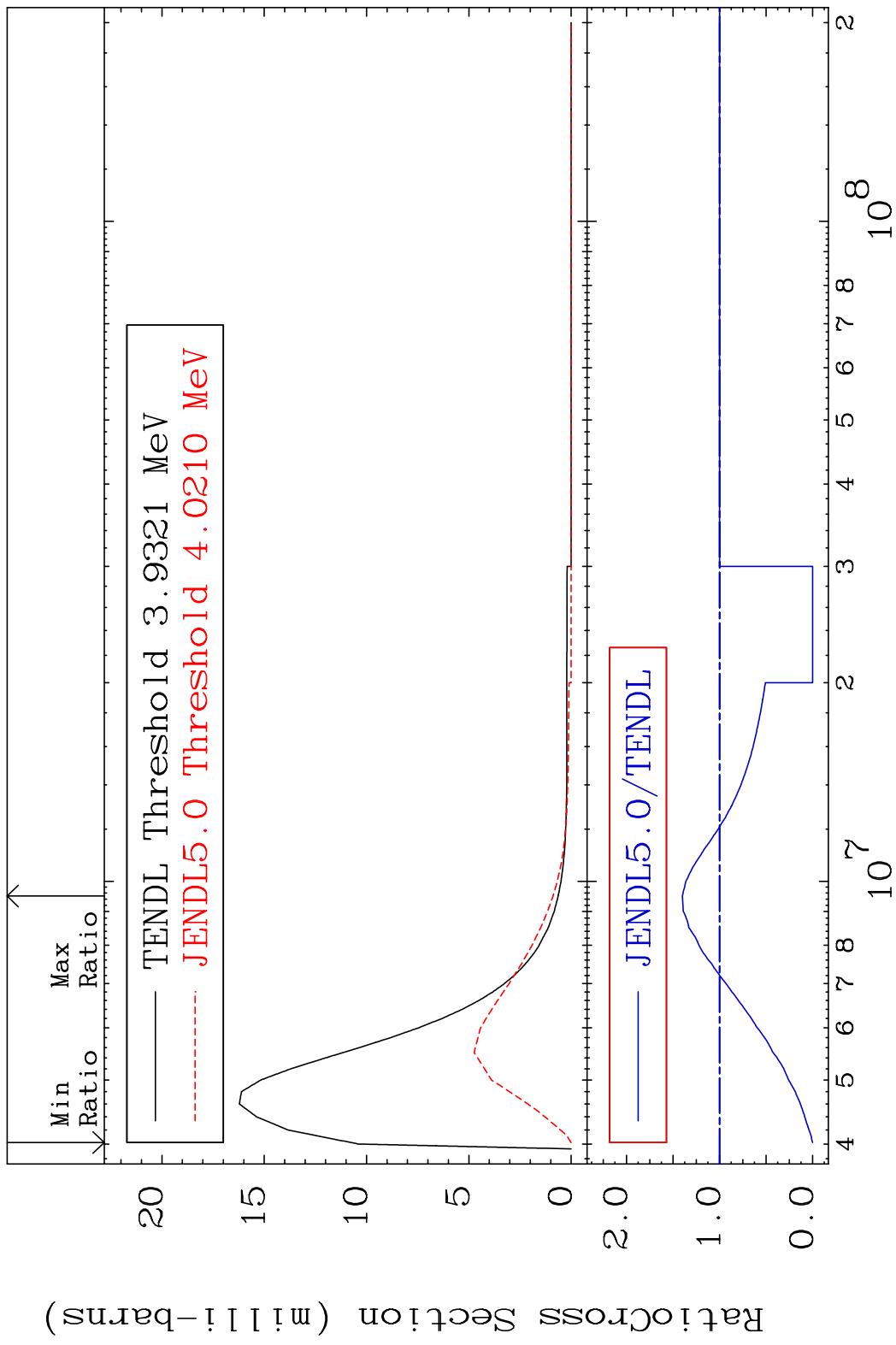
MAT 2643 MT= 74 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 9999. %



MAT 2643 MT= 75 (n, n') Level 26-Fe-60  
 Cross Section -100.0 To 351.6 %

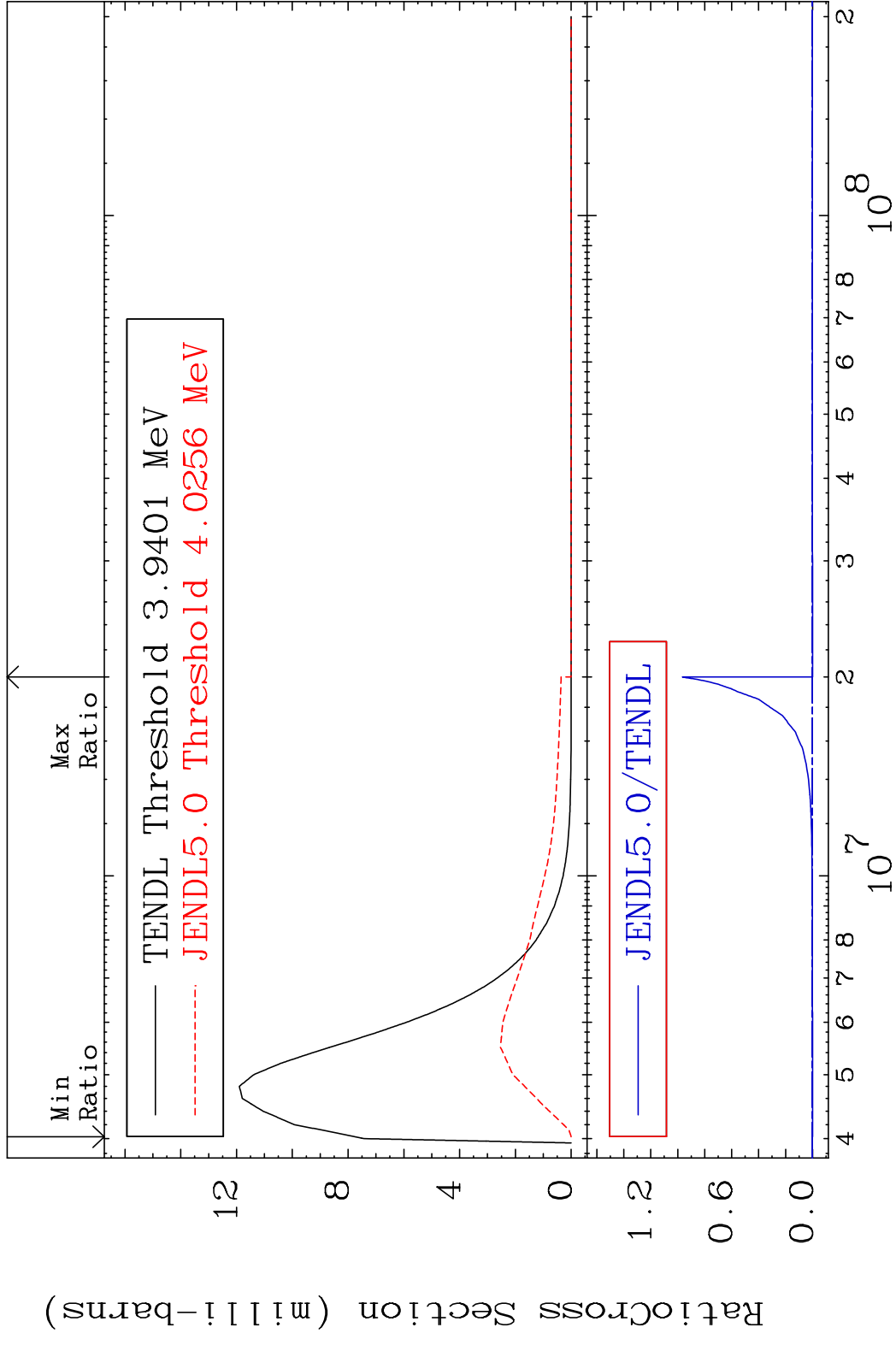


MAT 2643 MT= 76 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 39.98 %

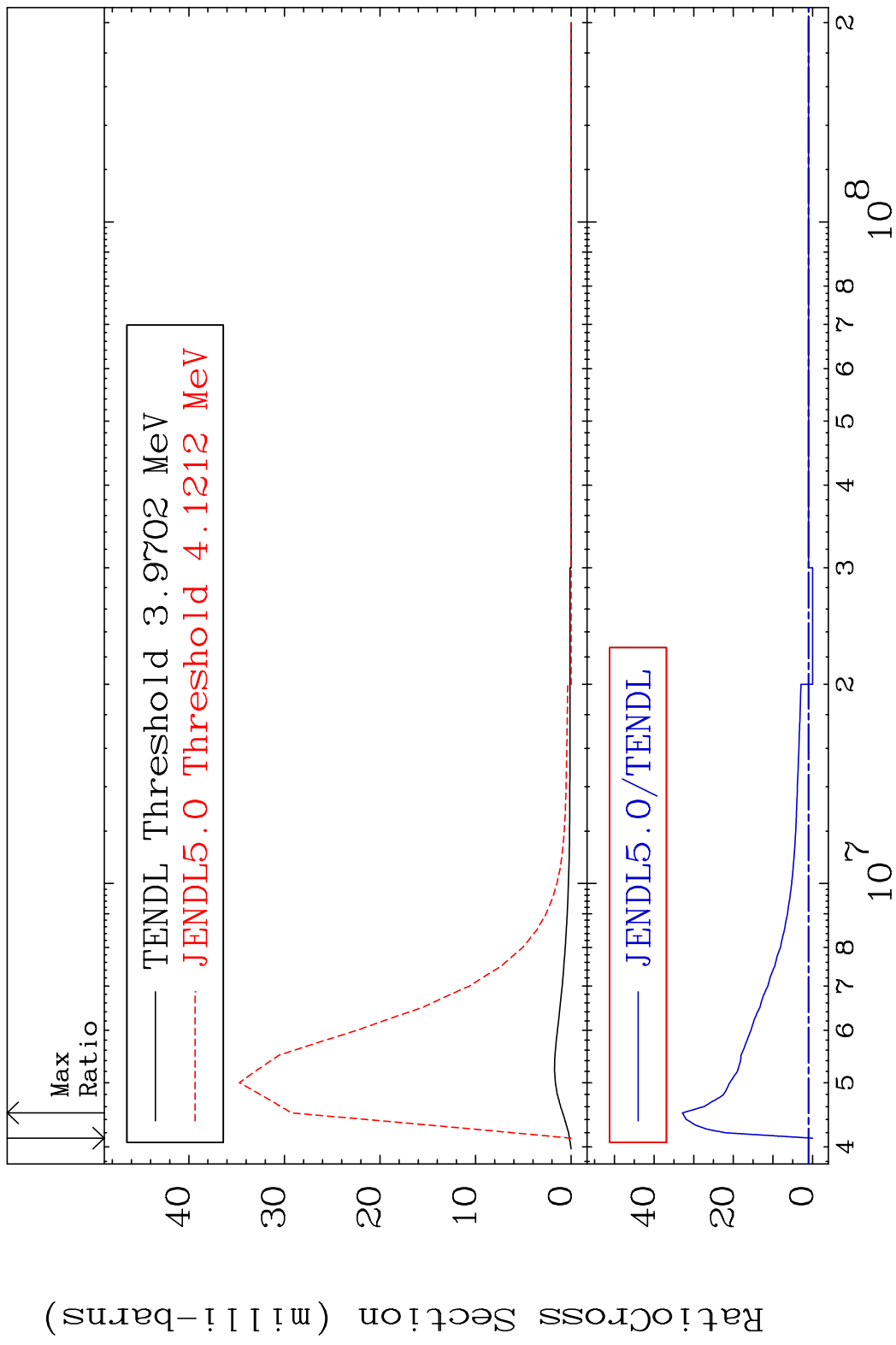


34 Incident Energy (eV) 26-Fe-60

MAT 2643 MT= 77 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 9999. %



MAT 2643 MT= 78 (n,n') Level 26-Fe-60  
 Cross Section -100.0 To 3187. %

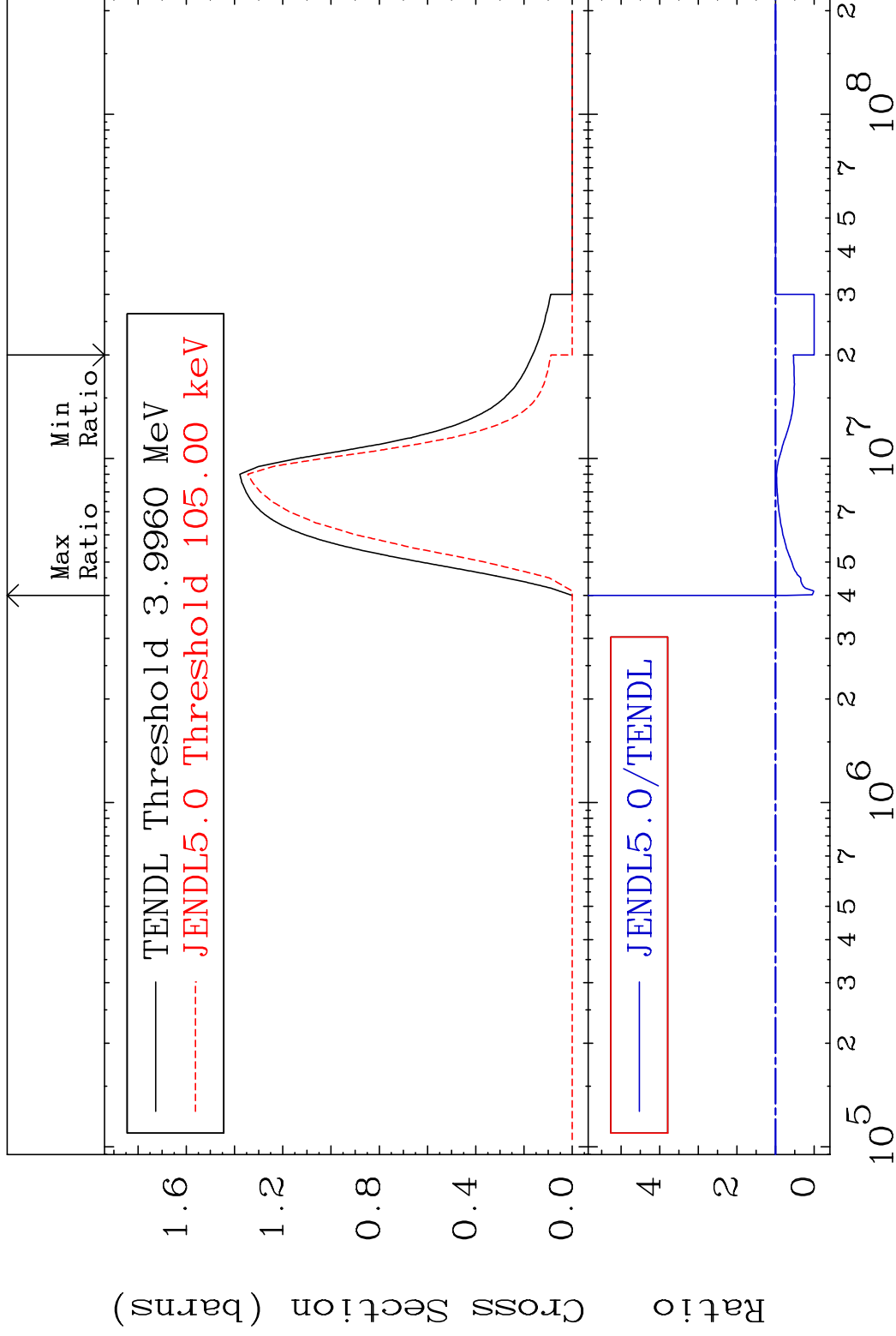


MAT 2643

(n,n') Continuum

<sup>26</sup>Fe-60

Cross Section -100.0 To 237.9 %



37

Incident Energy (eV)

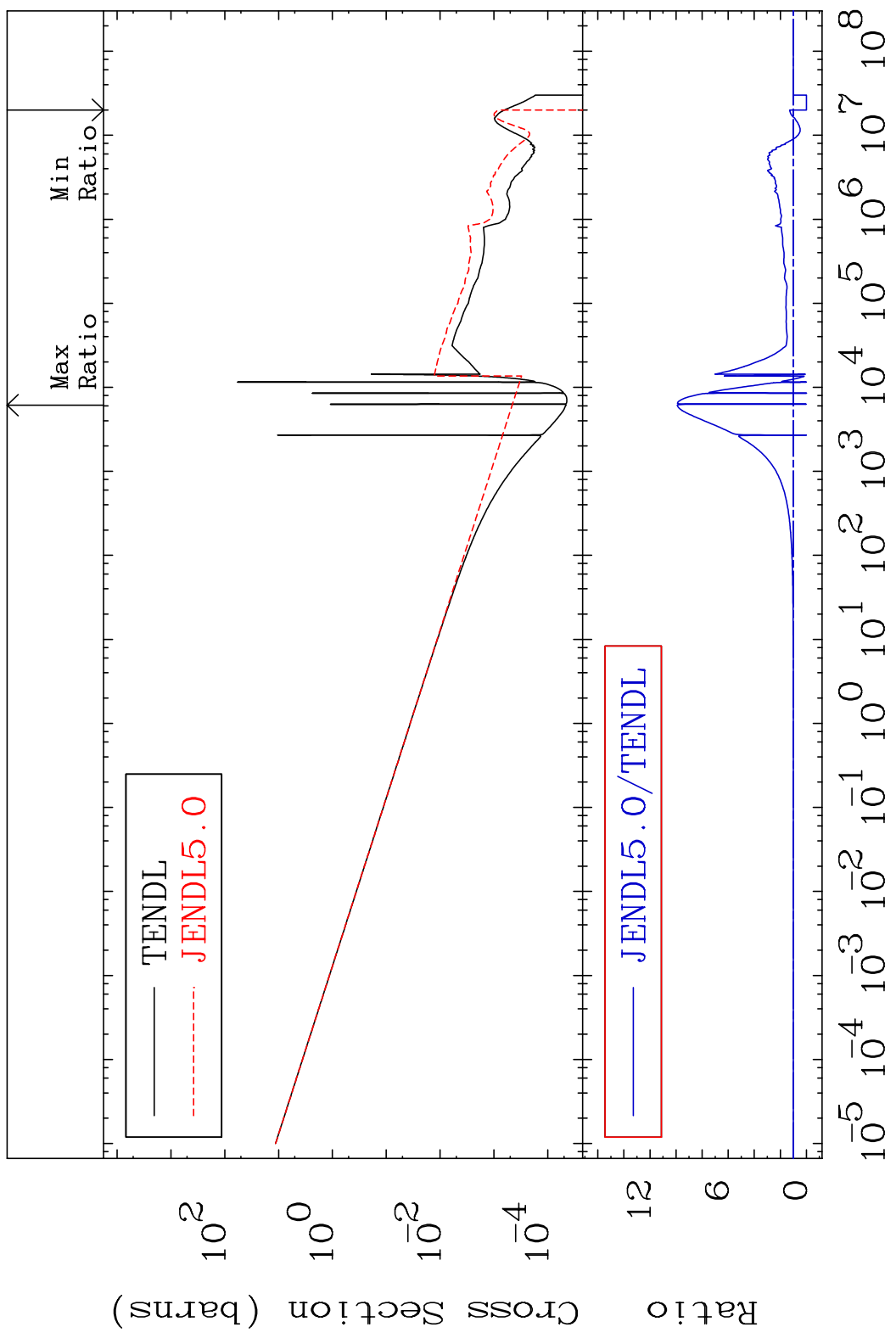
<sup>26</sup>Fe-60

MAT 2643

(n,  $\gamma$ )

26-Fe-60

Cross Section -100.0 To 891.1 %

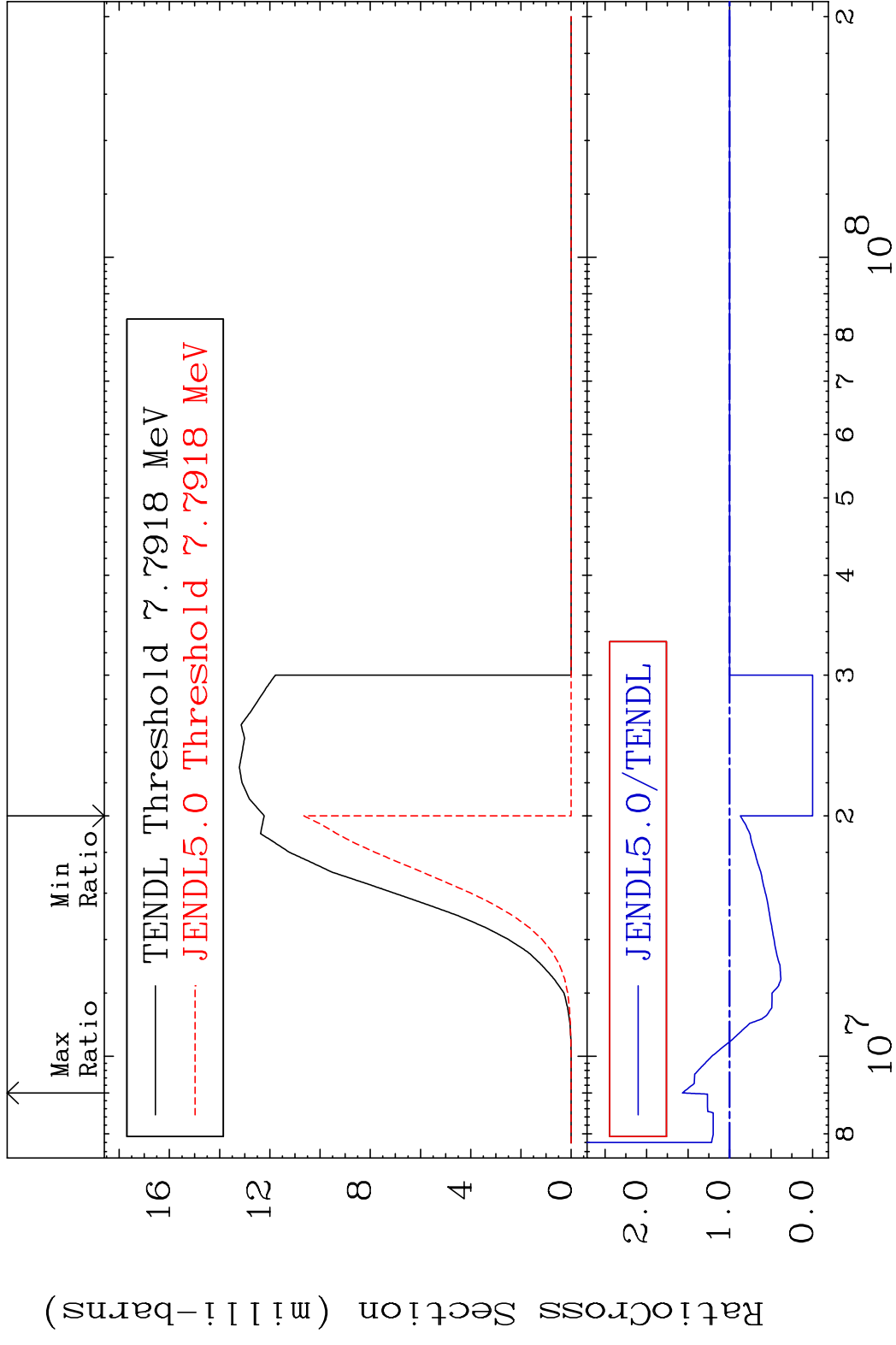


38

Incident Energy (eV)

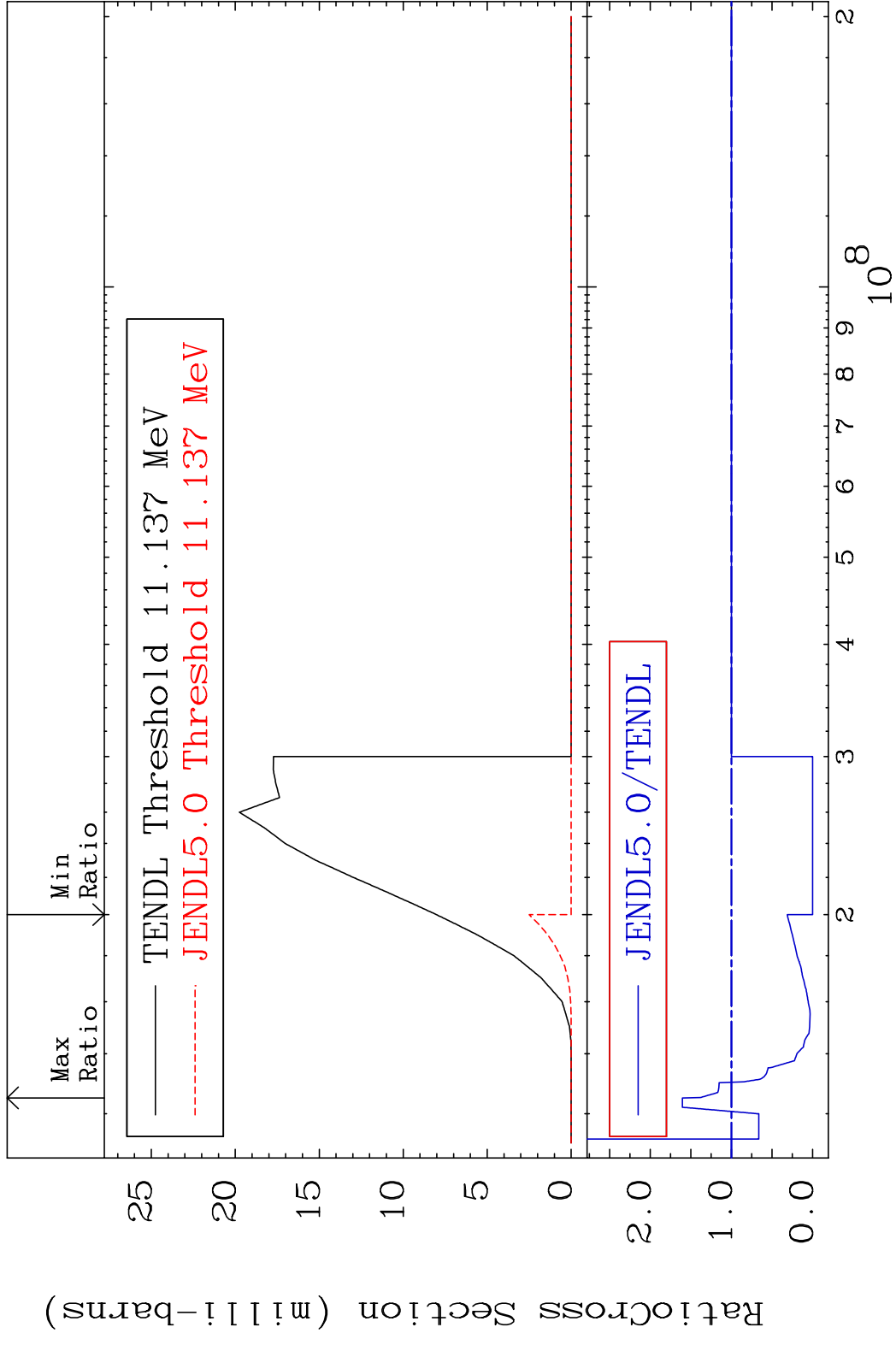
26-Fe-60

MAT 2643 (n,p) 26-Fe-60  
 Cross Section -100.0 To 56.86 %

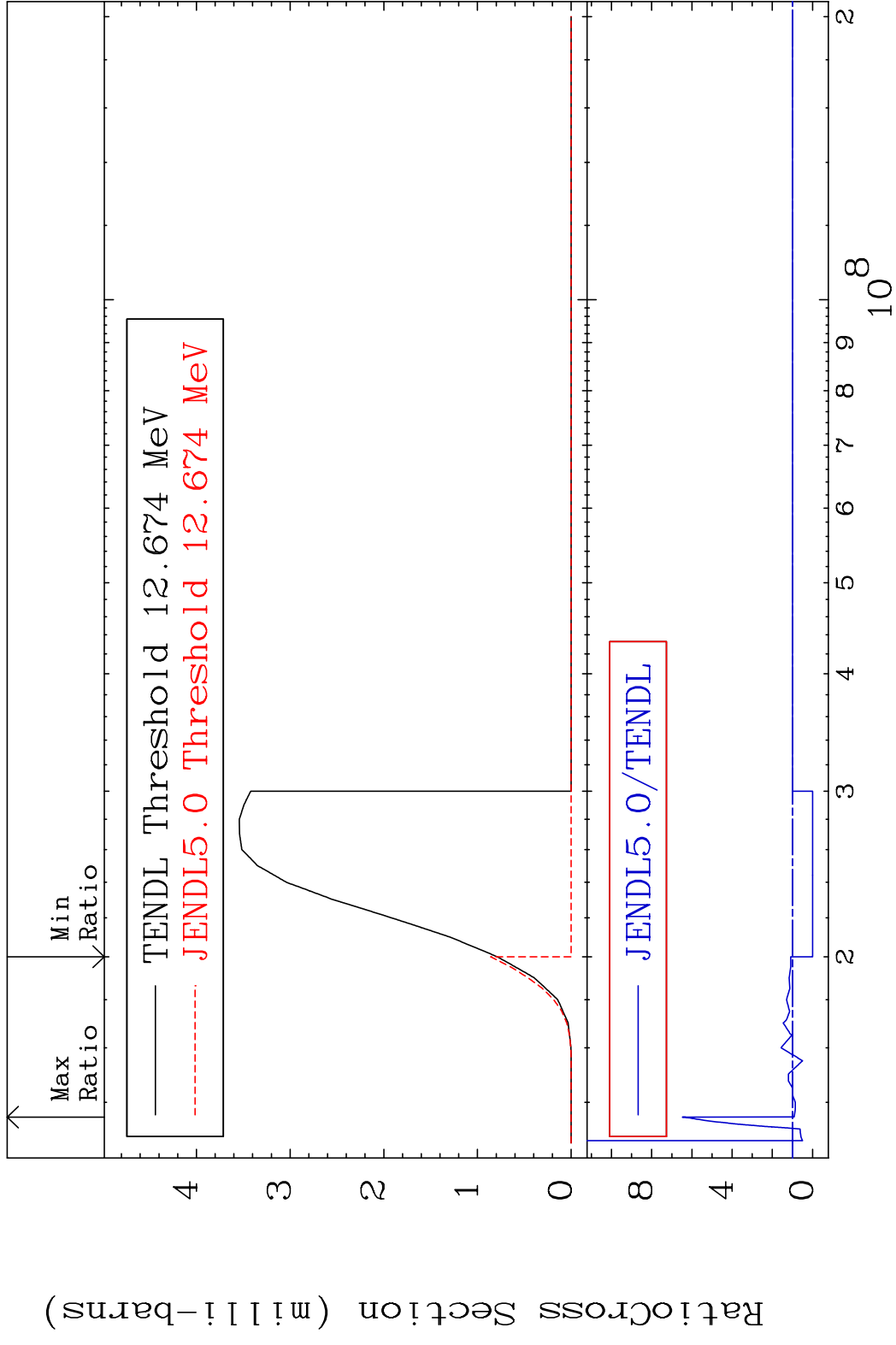




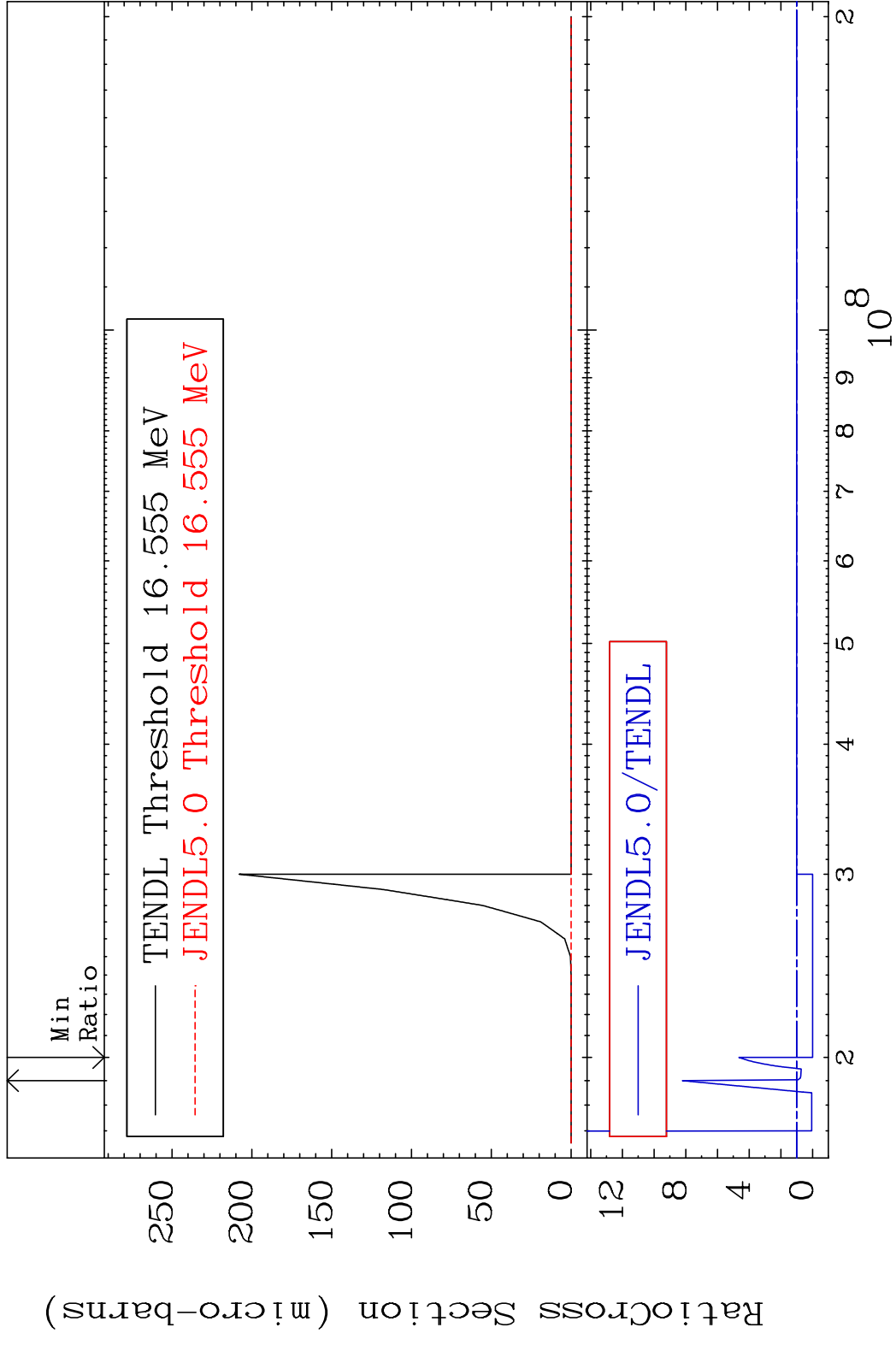
MAT 2643 (n,d) 26-Fe-60  
 Cross Section -100.0 To 60.48 %



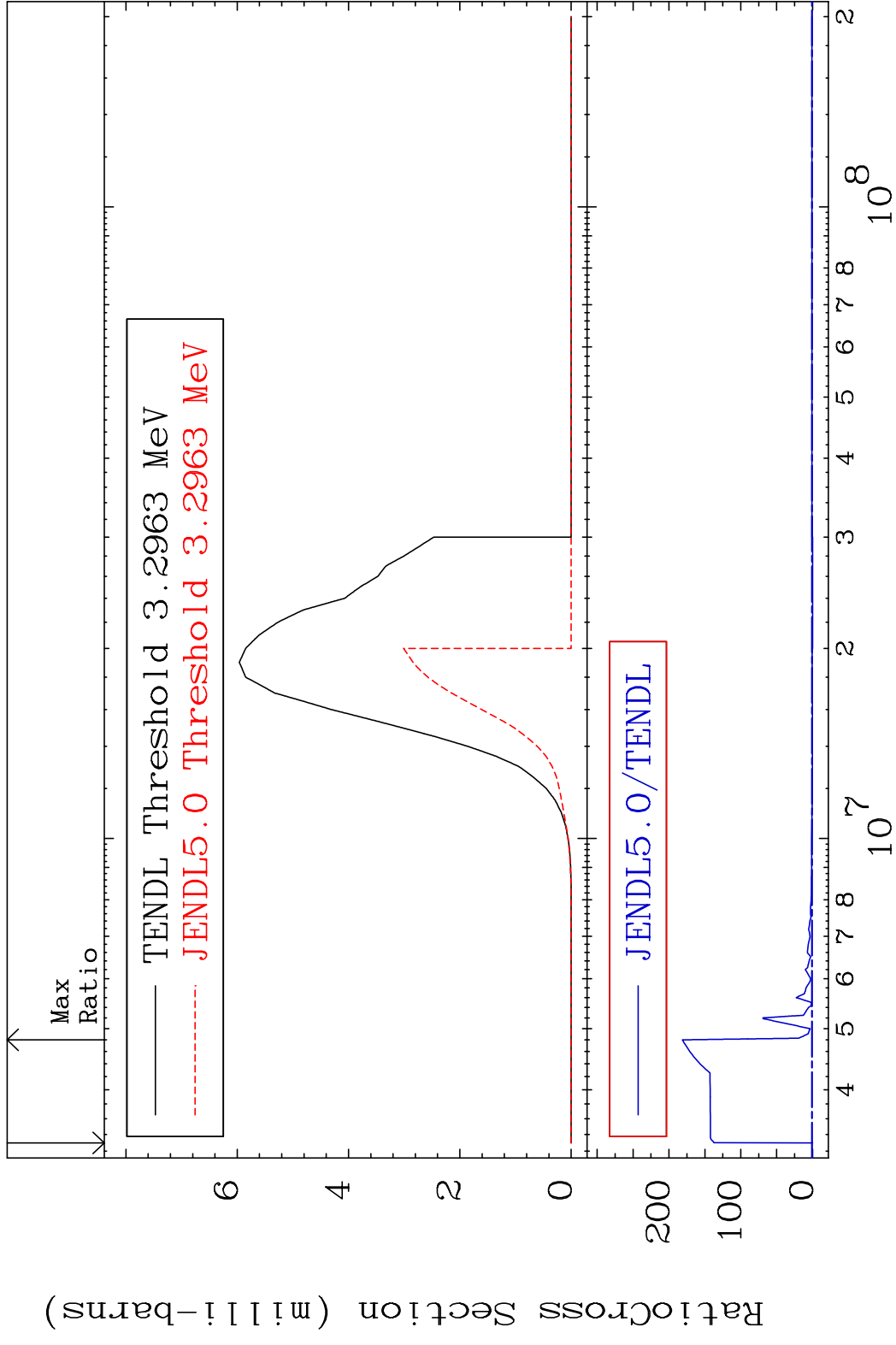
MAT 2643 (n, t) 26-Fe-60  
 Cross Section -100.0 To 547.6 %



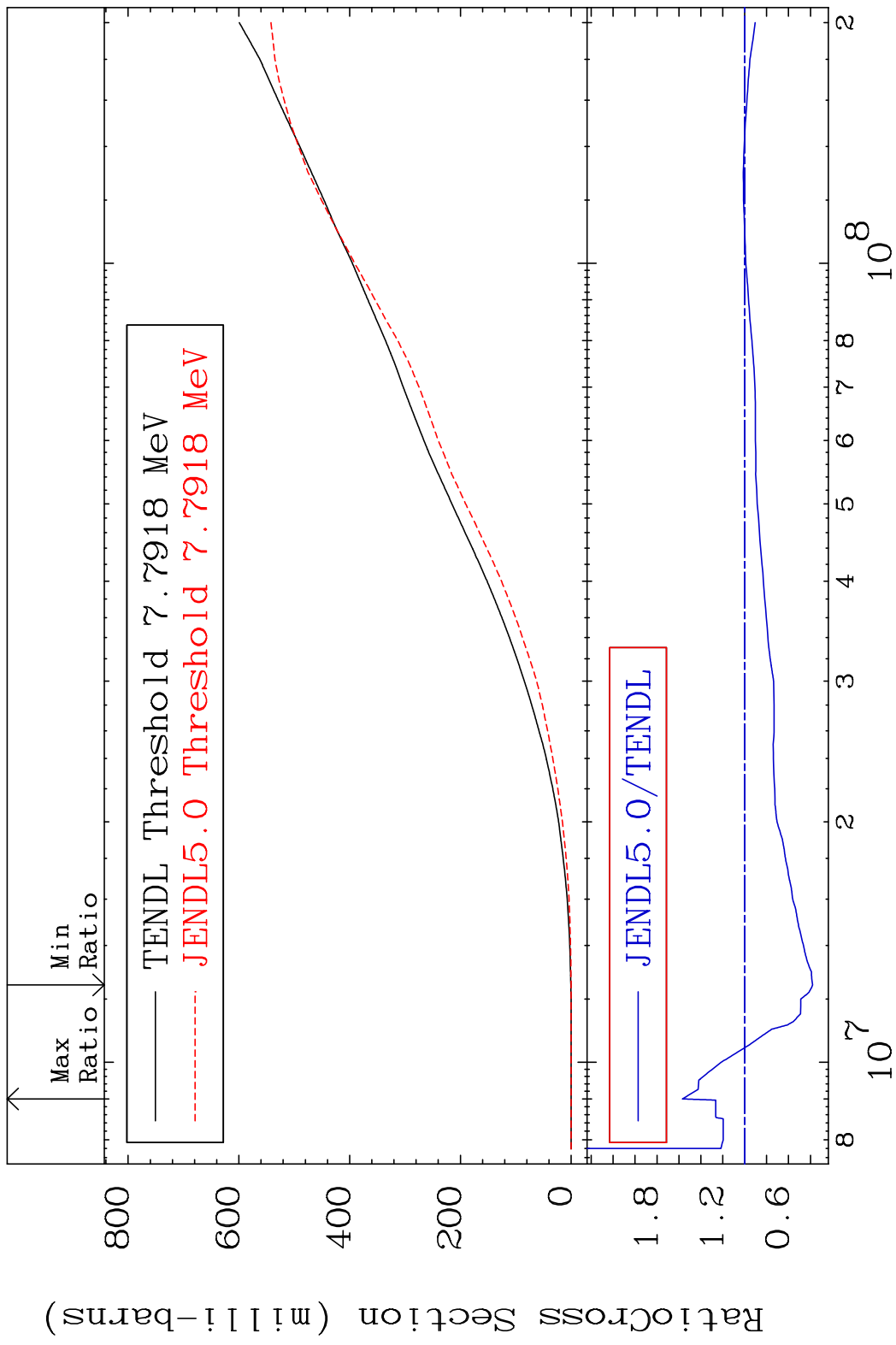
MAT 2643 (n, He-3) <sup>26</sup>Fe-60  
 Cross Section -100.0 To 721.7 %



MAT 2643 (n,  $\alpha$ ) 26-Fe-60  
 Cross Section -100.0 To 9999. %



MAT 2643 Hydrogen Production <sup>26</sup>Fe-60  
 Cross Section -61.91 To 56.86 %

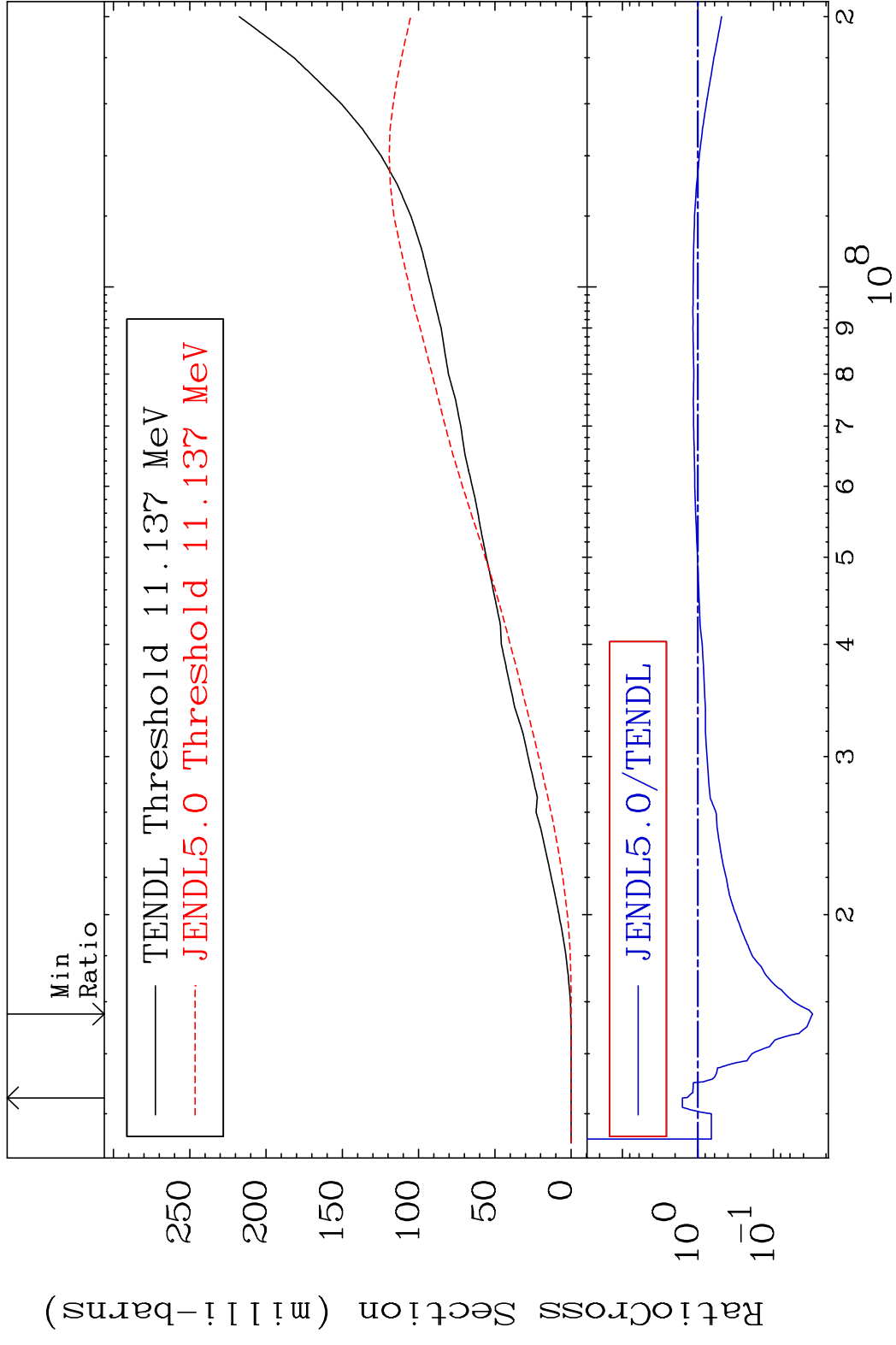


MAT 2643

Deuterium Production

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

Cross Section -96.97 To 60.48 %



45

Incident Energy (eV)

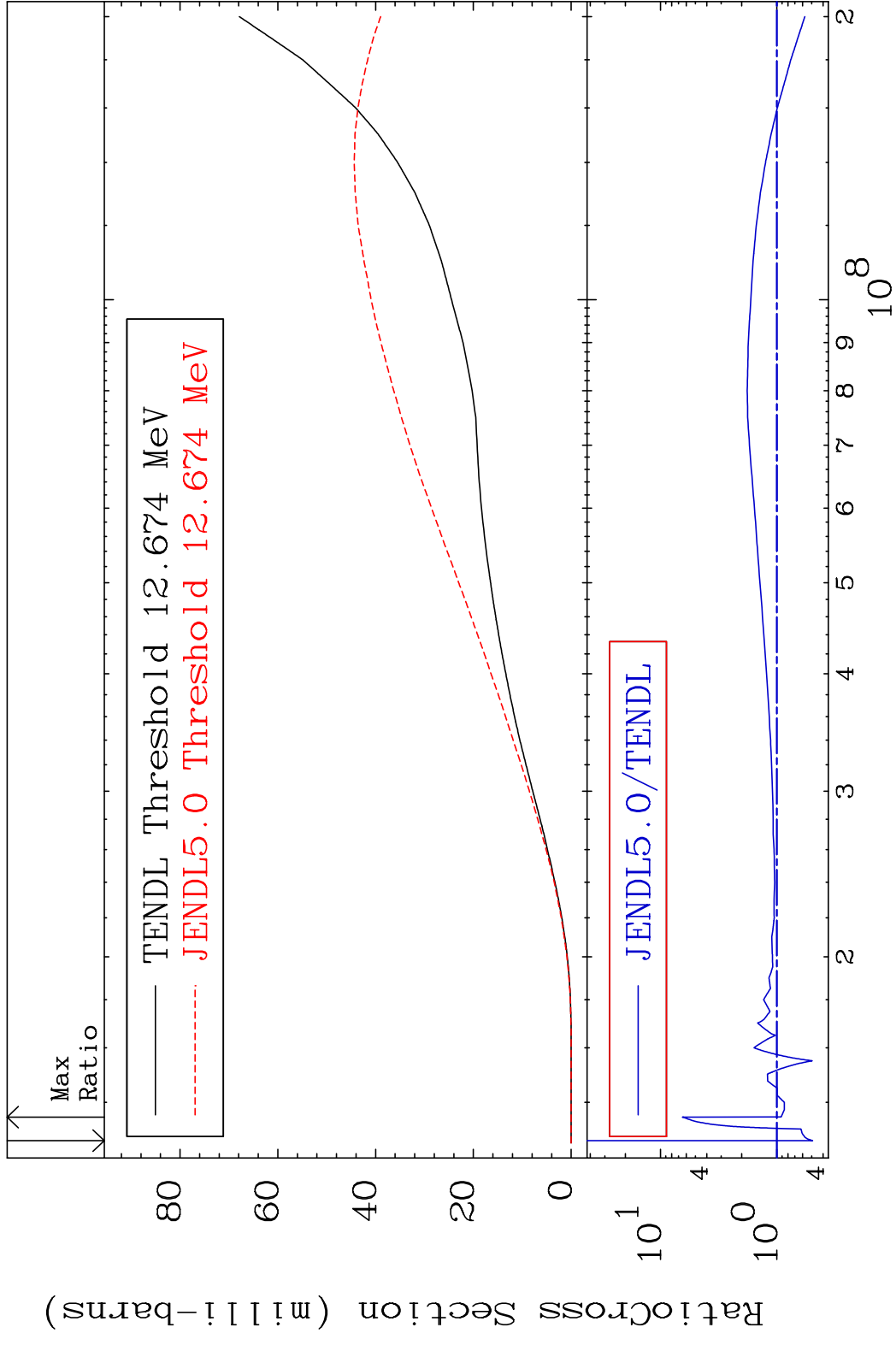
$^{26}\text{Fe-60}$

MAT 2643

Tritium Production

<sup>26</sup>Fe-60

Cross Section -50.75 To 547.6 %

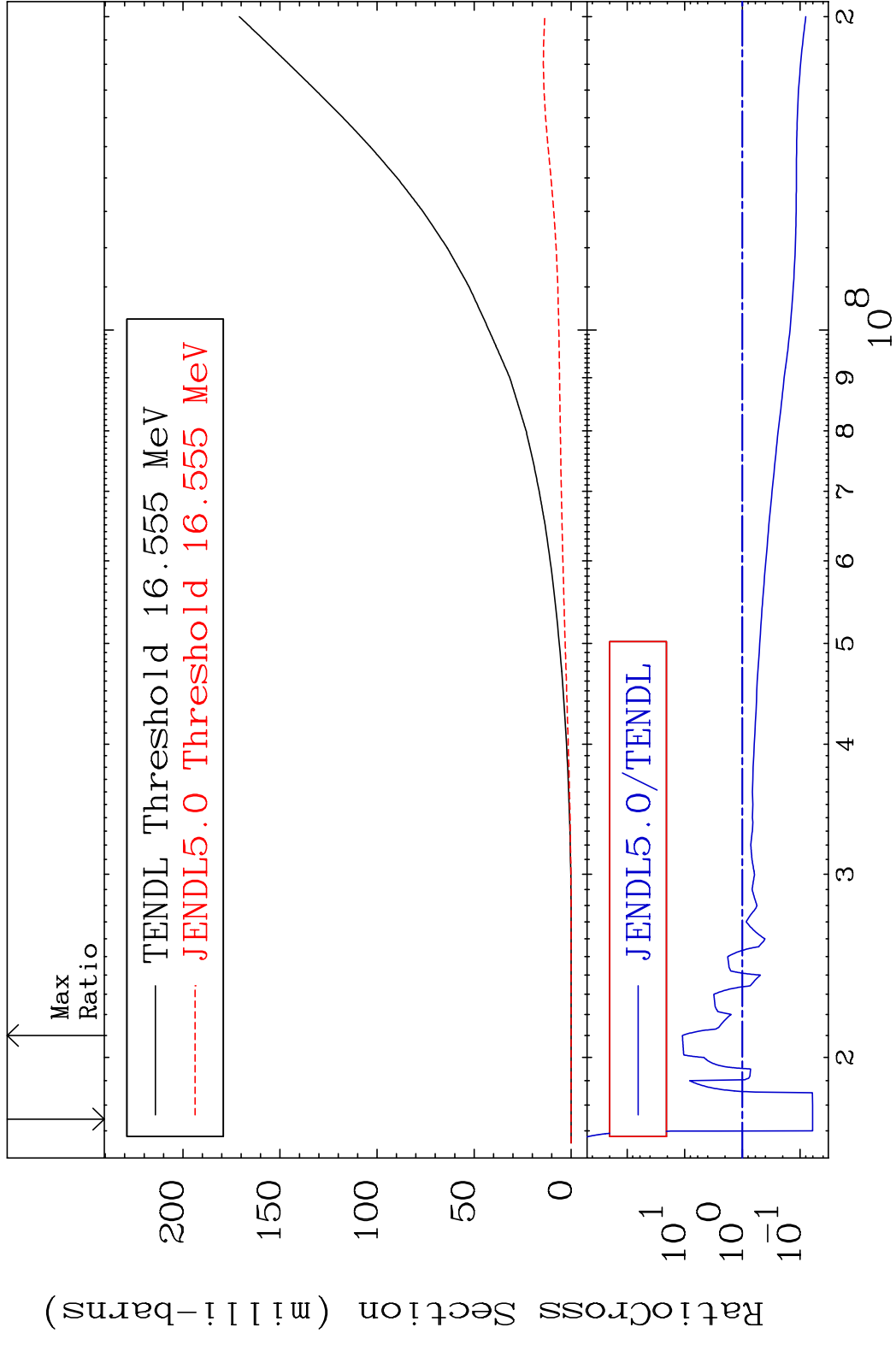


MAT 2643

He-3 Production

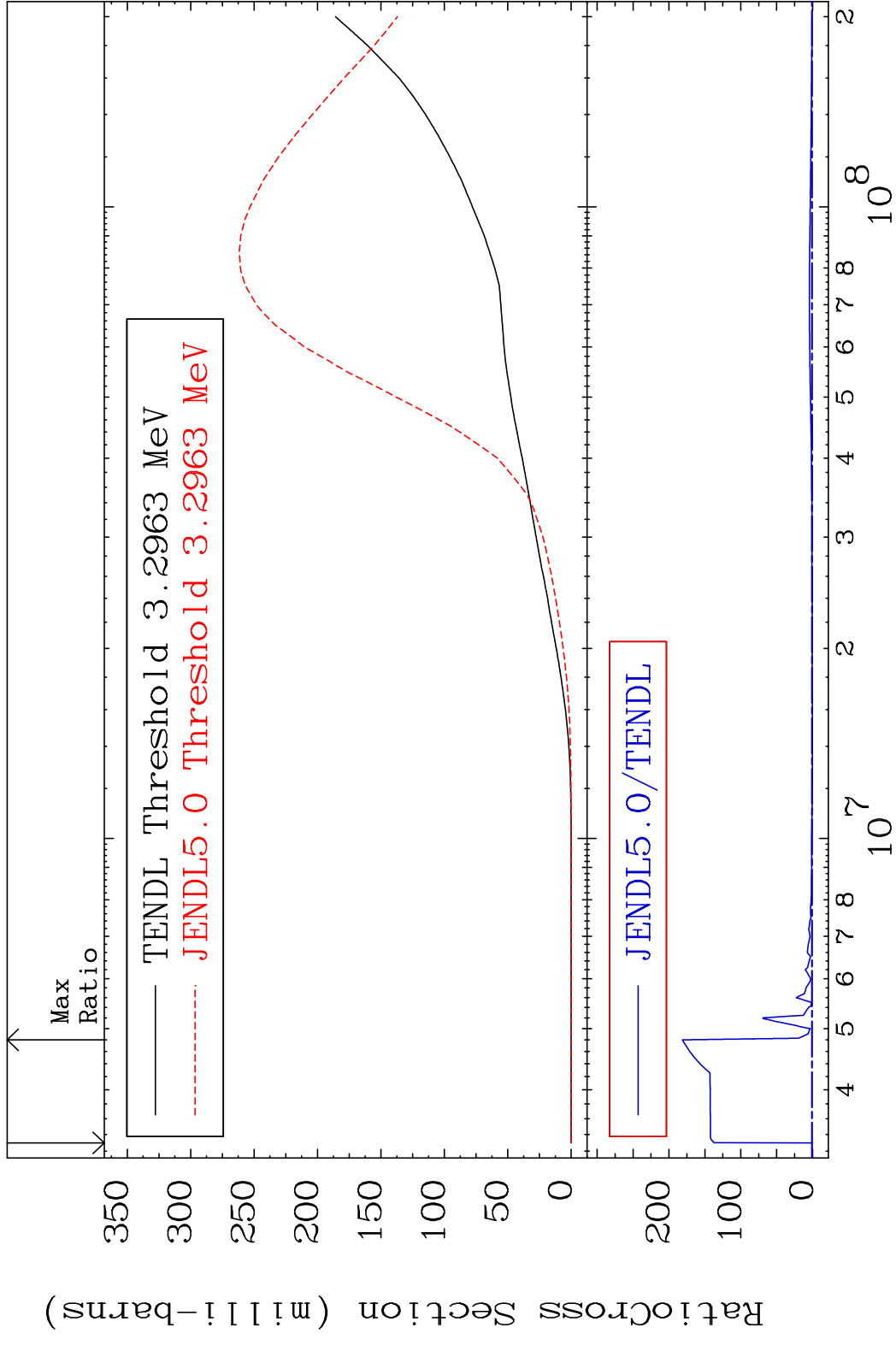
<sup>26</sup>Fe-60

Cross Section -93.91 To 1001. %

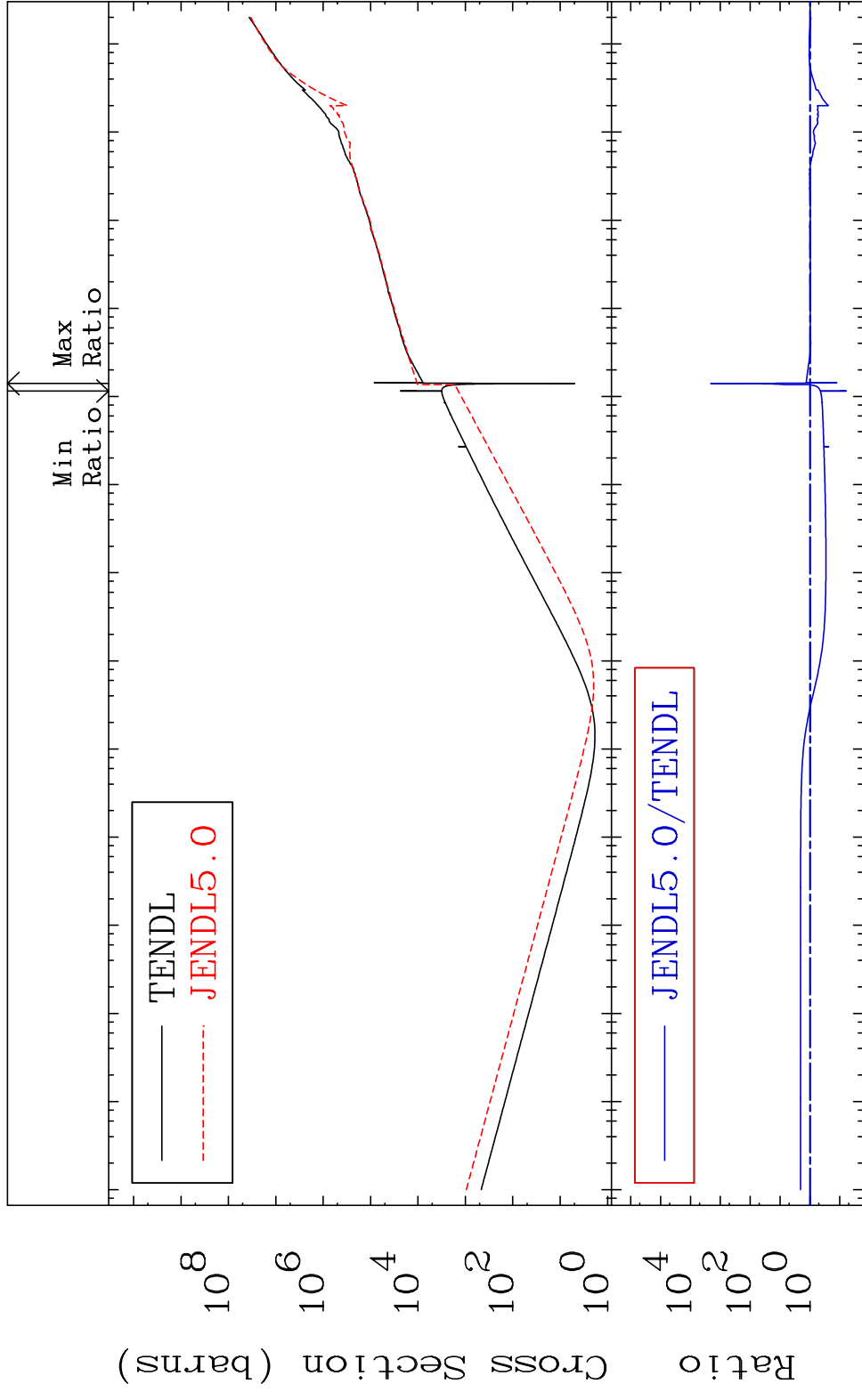




MAT 2643 He-4 Production 26-Fe-60  
 Cross Section -100.0 To 9999. %



MAT 2643 Kerma total (eV-barns) 26-Fe-60  
 Cross Section -93.96 To 9999. %

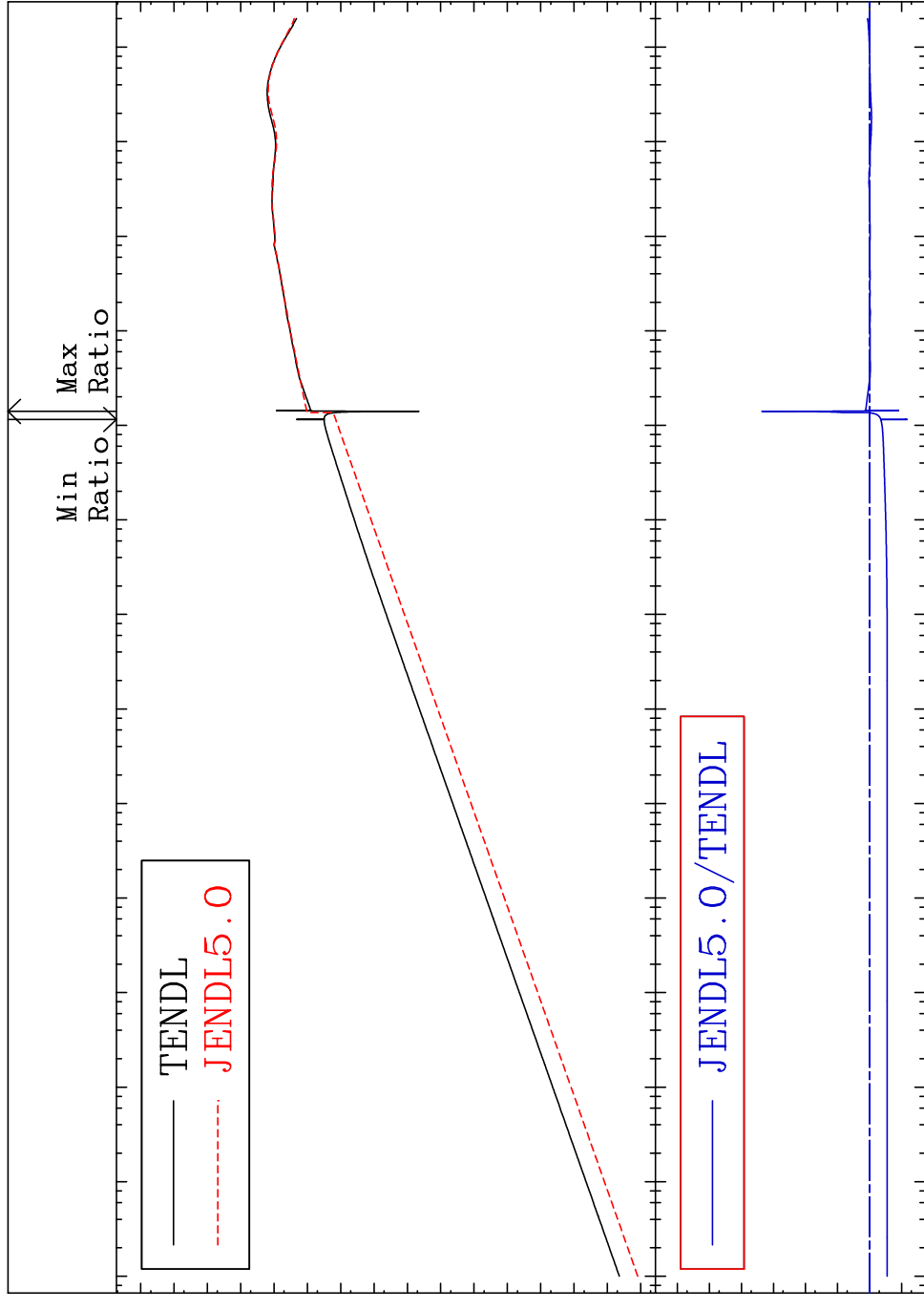


49 Incident Energy (eV) 26-Fe-60

MAT 2643

Kerma elastic  
Cross Section

26-Fe-60  
-93.28 To 9999. %



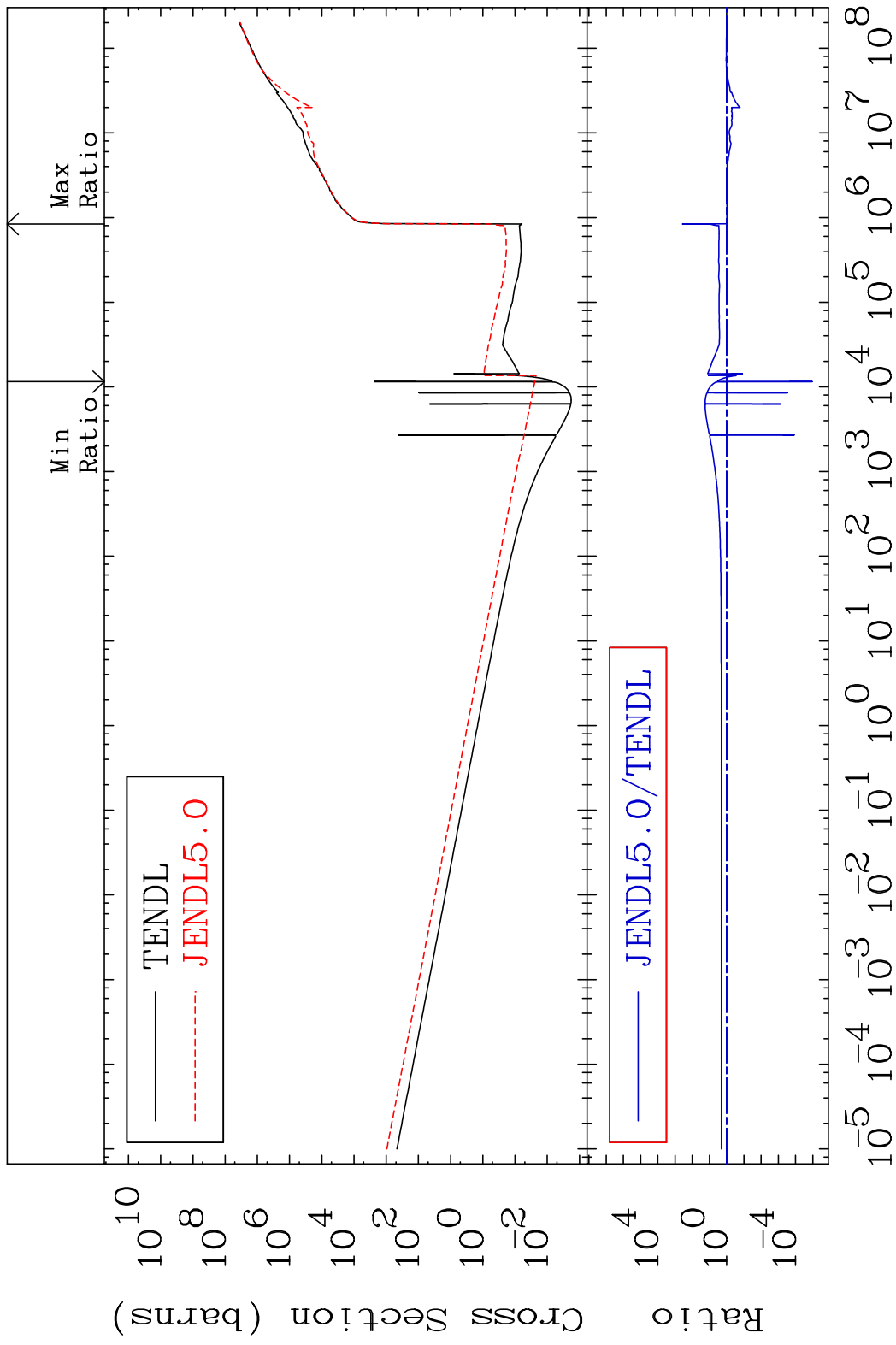
Cross Section (barns)  
Ratio

Incident Energy (eV)

50

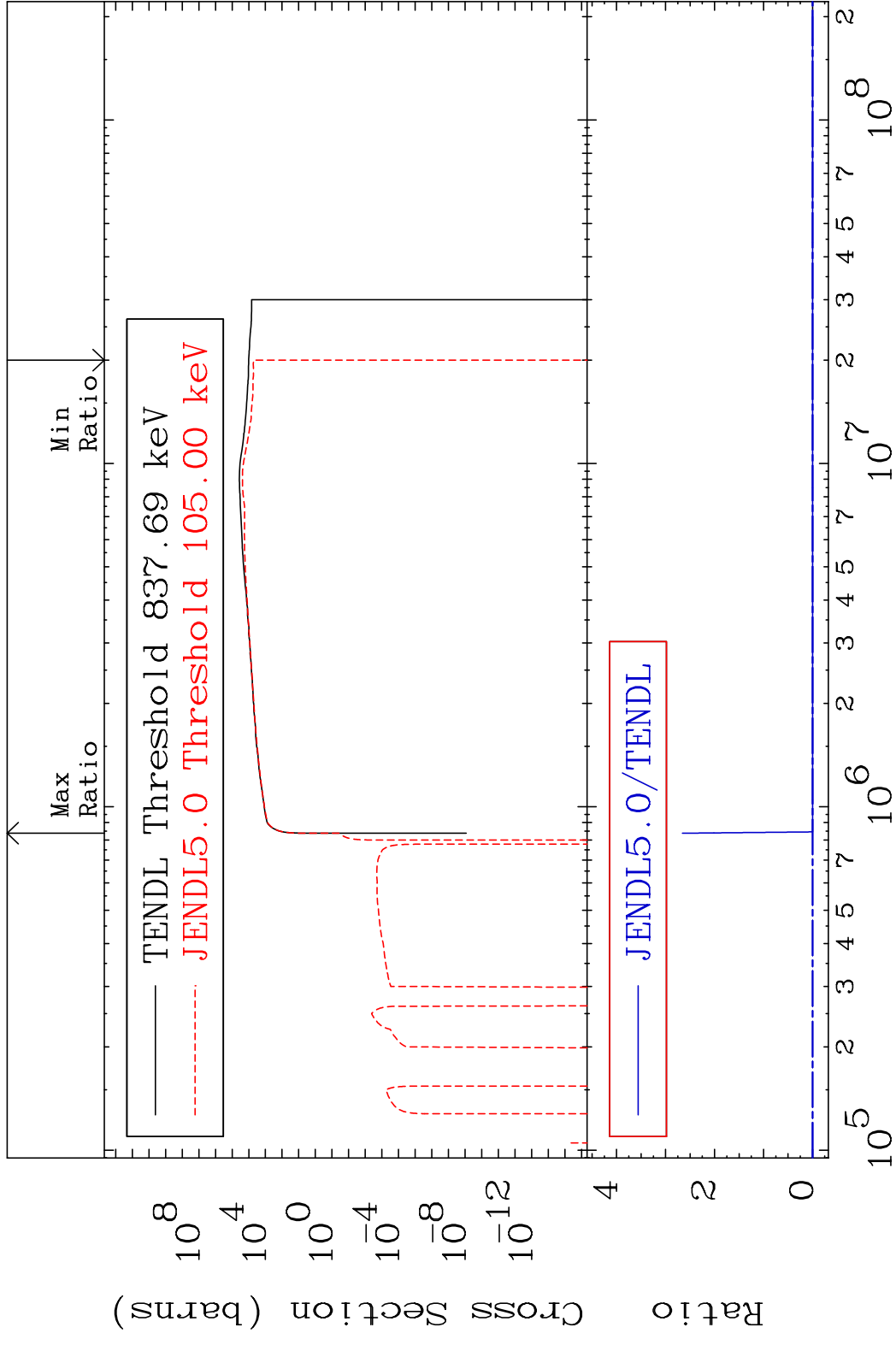
26-Fe-60

MAT 2643 Kerma non-elastic (all but mt2) 26-Fe-60  
 Cross Section -100.0 To 9999. %



MAT 2643

Kerma inelastic (mt51-91) 26-Fe-60  
Cross Section -100.0 To 9999. %

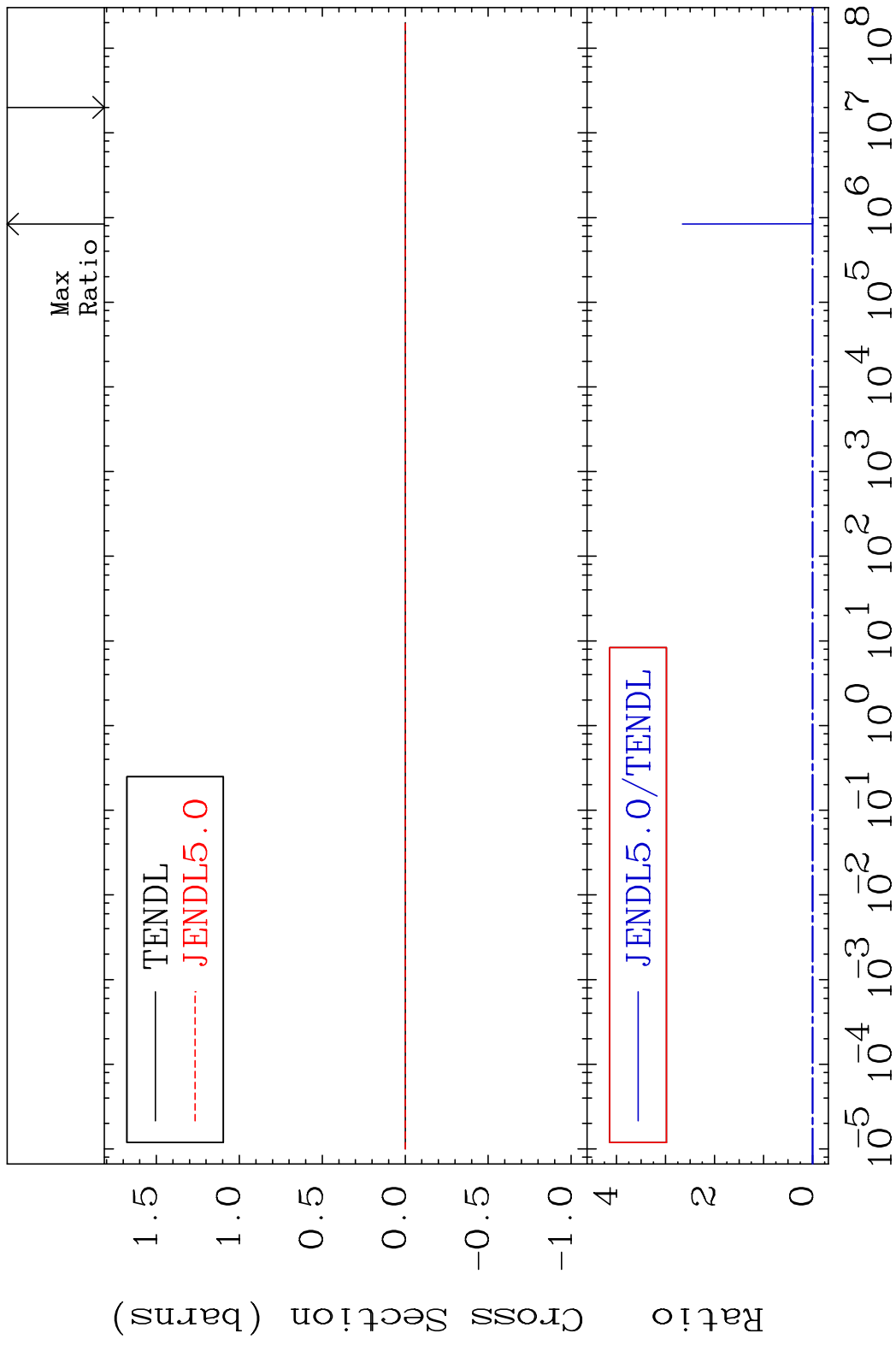


52

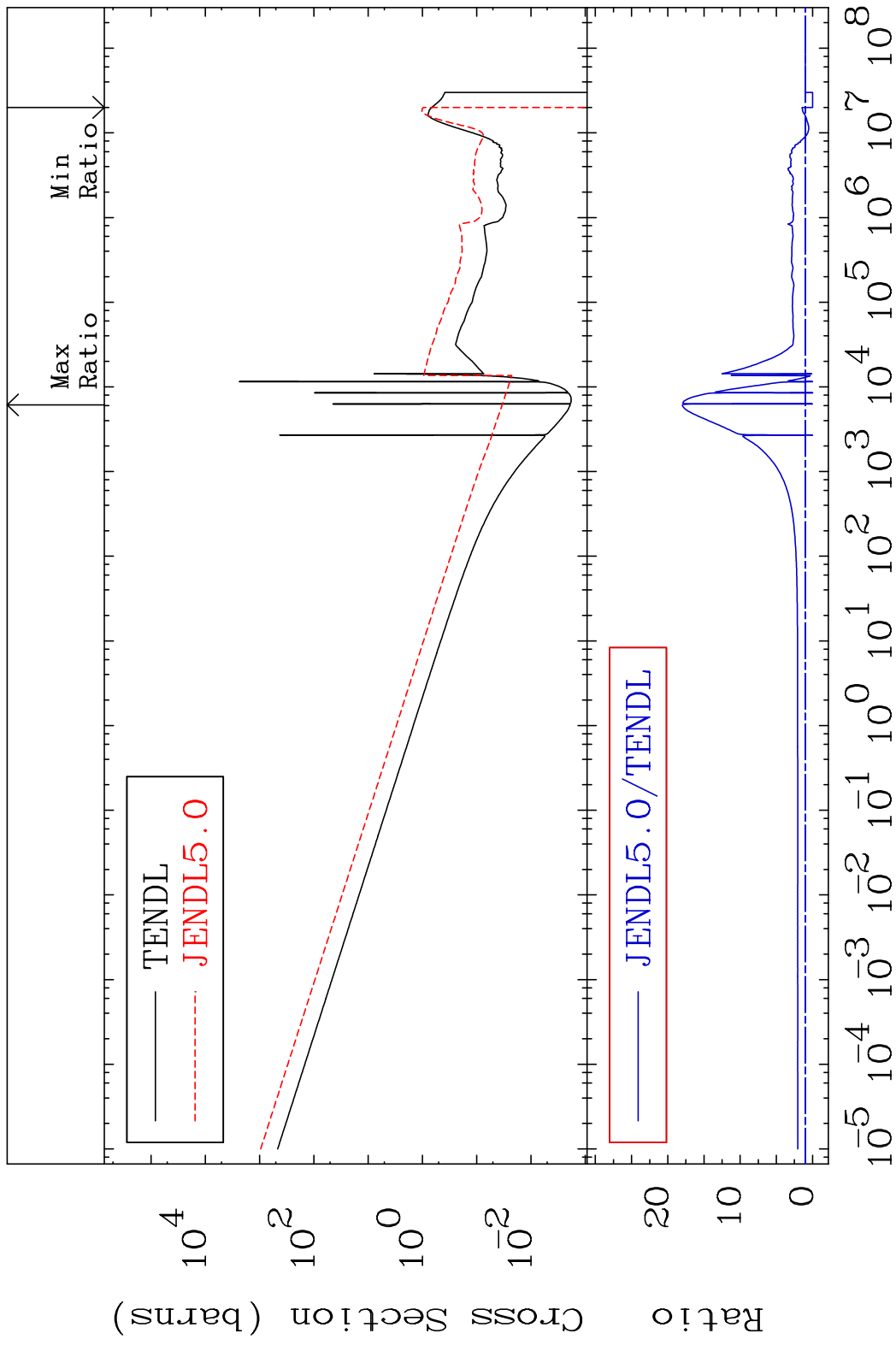
Incident Energy (eV)

26-Fe-60

MAT 2643 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-60  
 Cross Section -100.0 To 9999. %

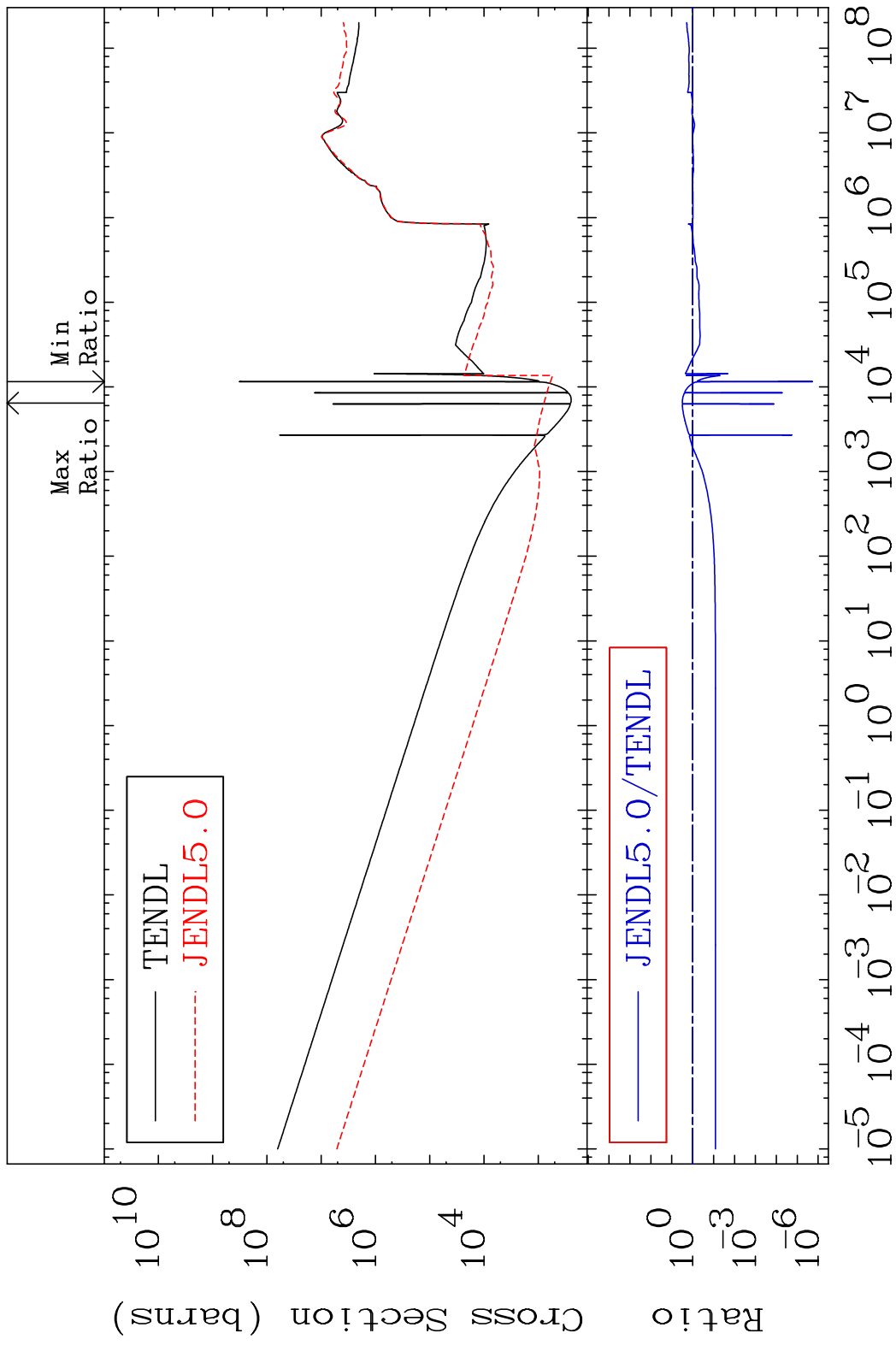


MAT 2643 Kerma capture (mt102) 26-Fe-60  
 Cross Section -100.0 To 1699. %



54 Incident Energy (eV) 26-Fe-60

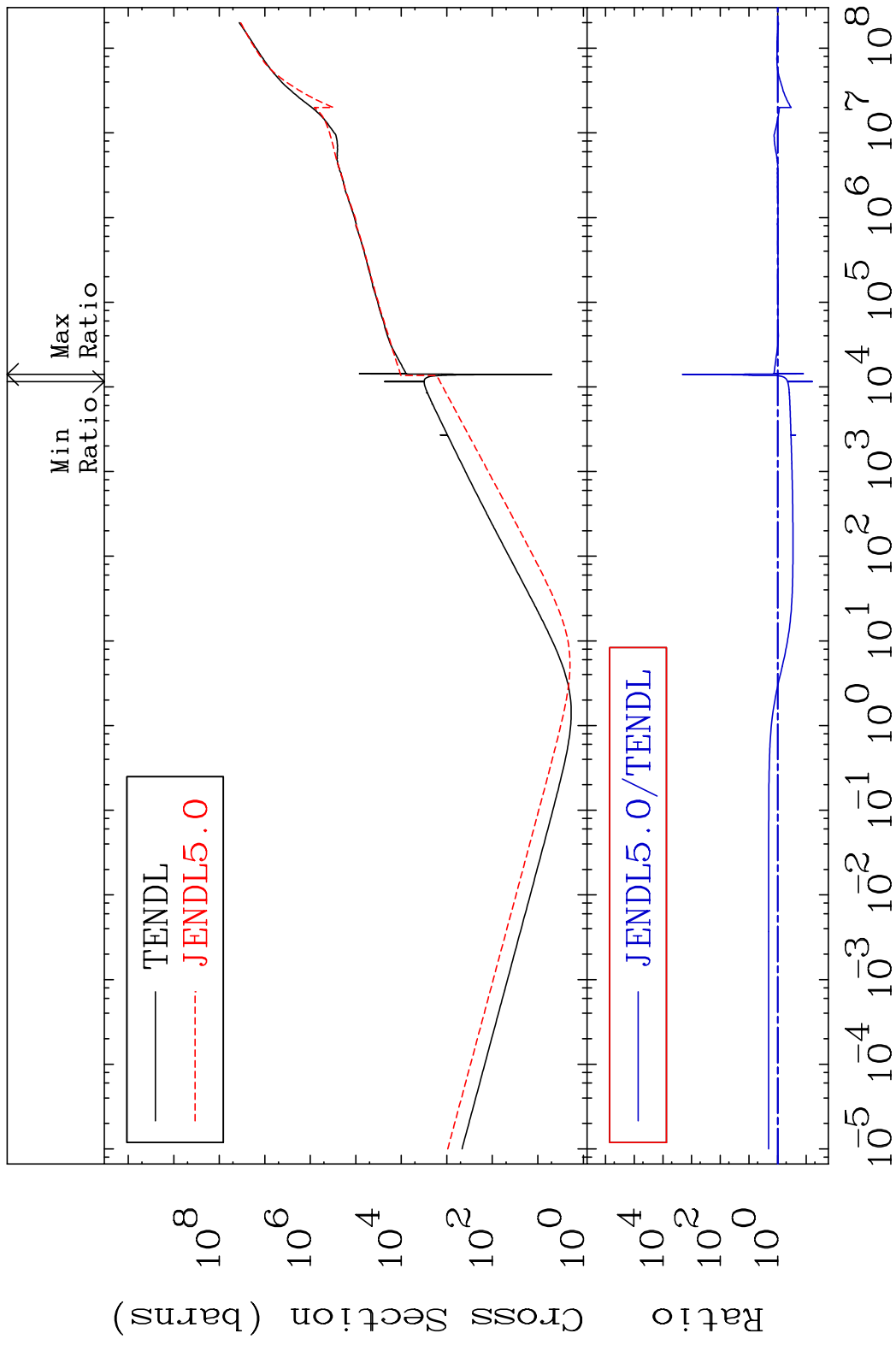
MAT 2643 Total photon (eV-barns) 26-Fe-60  
 Cross Section -100.0 To 212.0 %



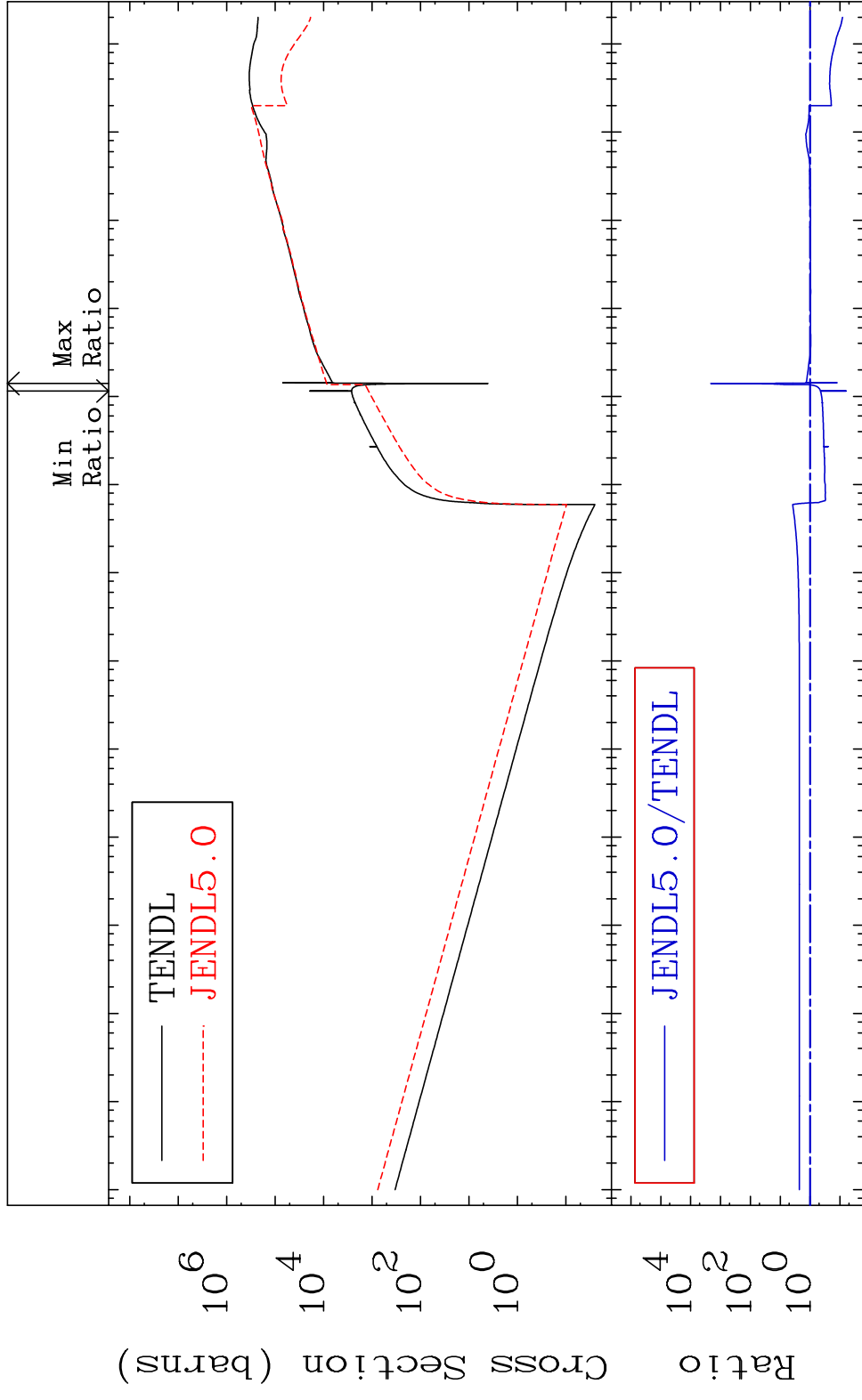
55 Incident Energy (eV) 26-Fe-60



MAT 2643 Total kinematic kerma (high limit) 26-Fe-60  
 Cross Section -93.96 To 9999. %



MAT 2643      Dpa total (eV-barns)      26-Fe-60  
 Cross Section      -93.88 To 9999. %

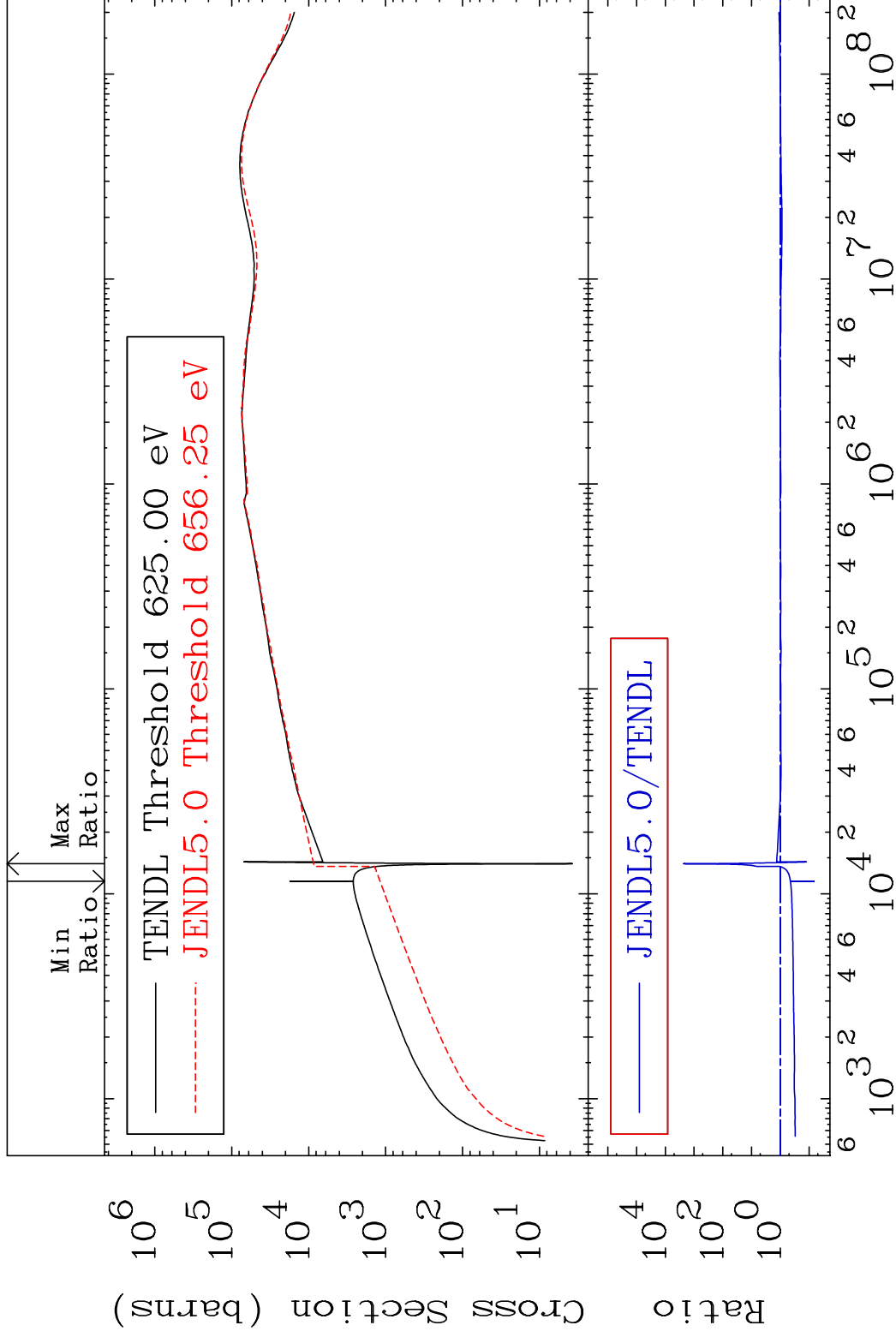


MAT 2643

Dpa elastic (mt2)

<sup>26</sup>Fe-60

Cross Section -93.28 To 9999. %



58

Incident Energy (eV)

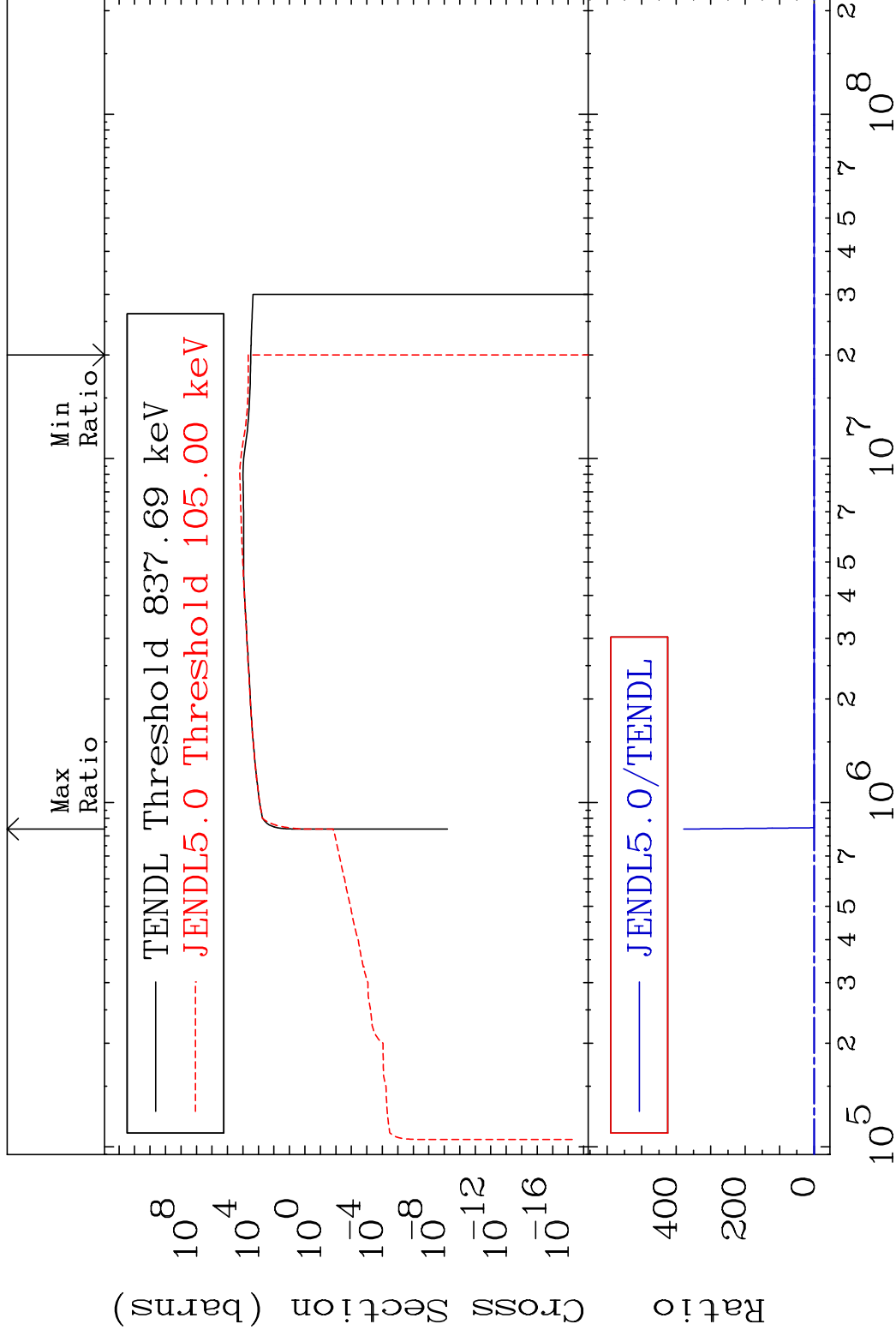
<sup>26</sup>Fe-60

MAT 2643

Dpa inelastic (mt51-91)

26-Fe-60

Cross Section -100.0 To 9999. %

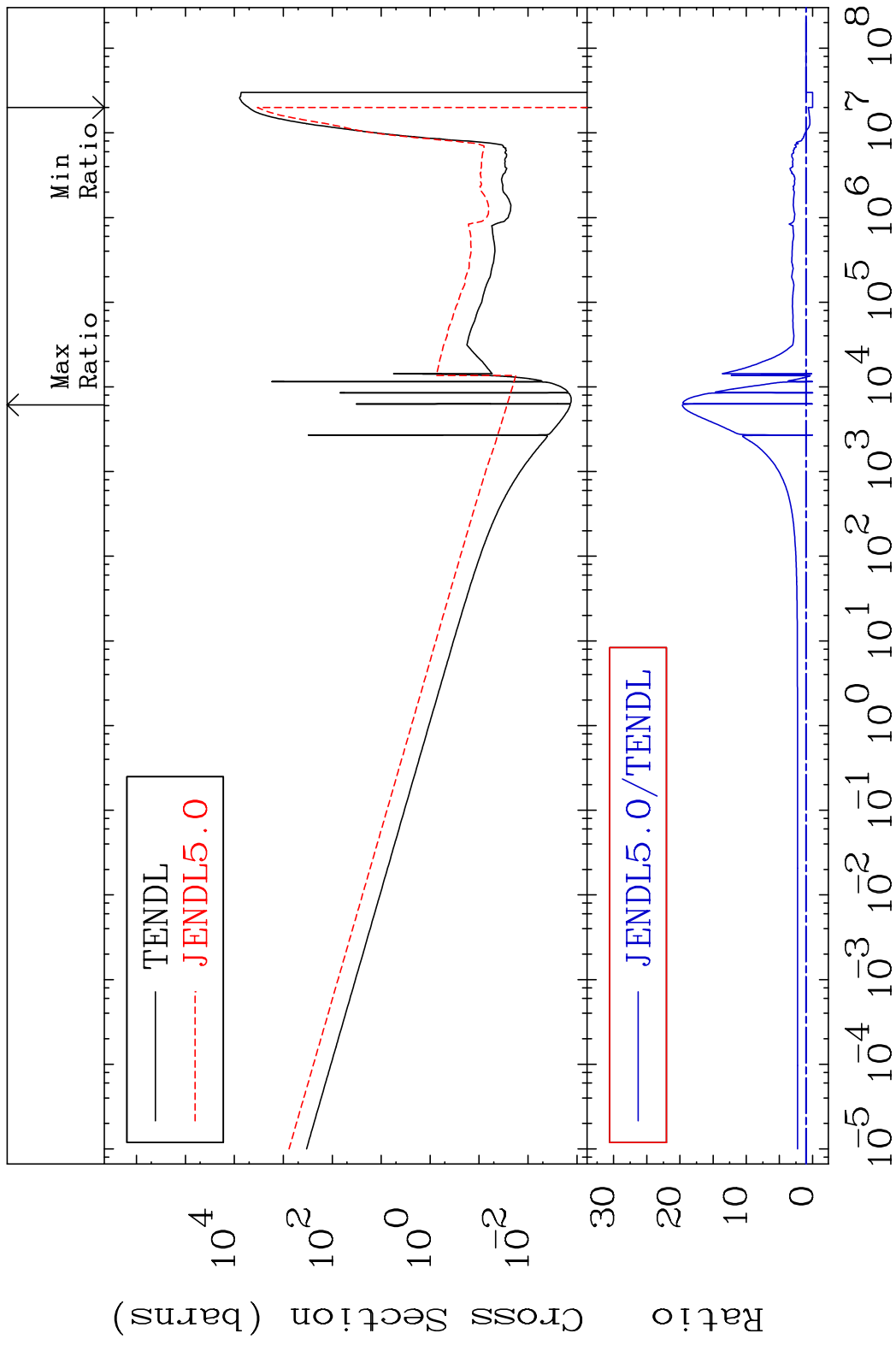


59

Incident Energy (eV)

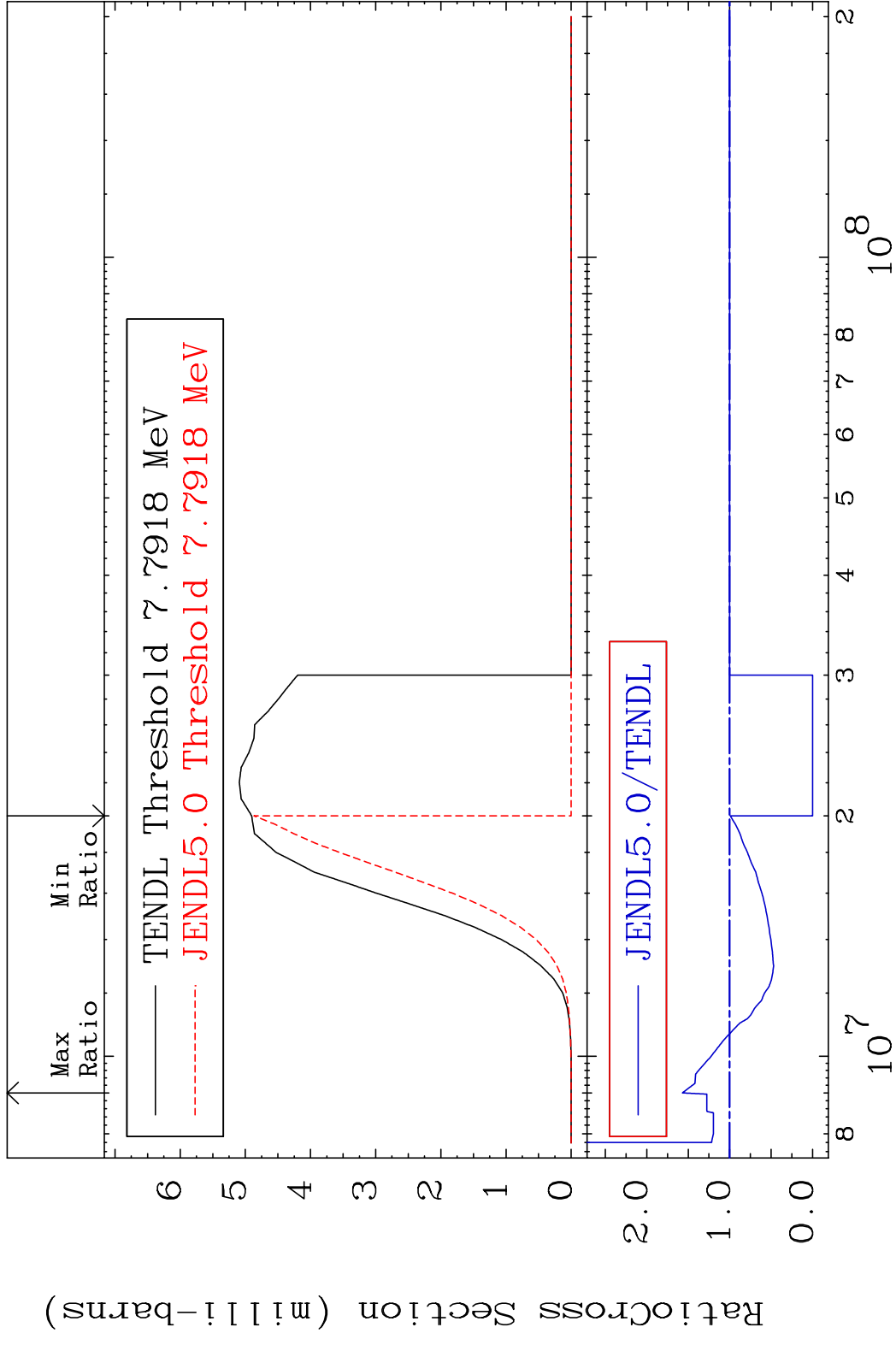
26-Fe-60

MAT 2643 Dpa disappearance (mt102 -120) 26-Fe-60  
 Cross Section -100.0 To 1864. %

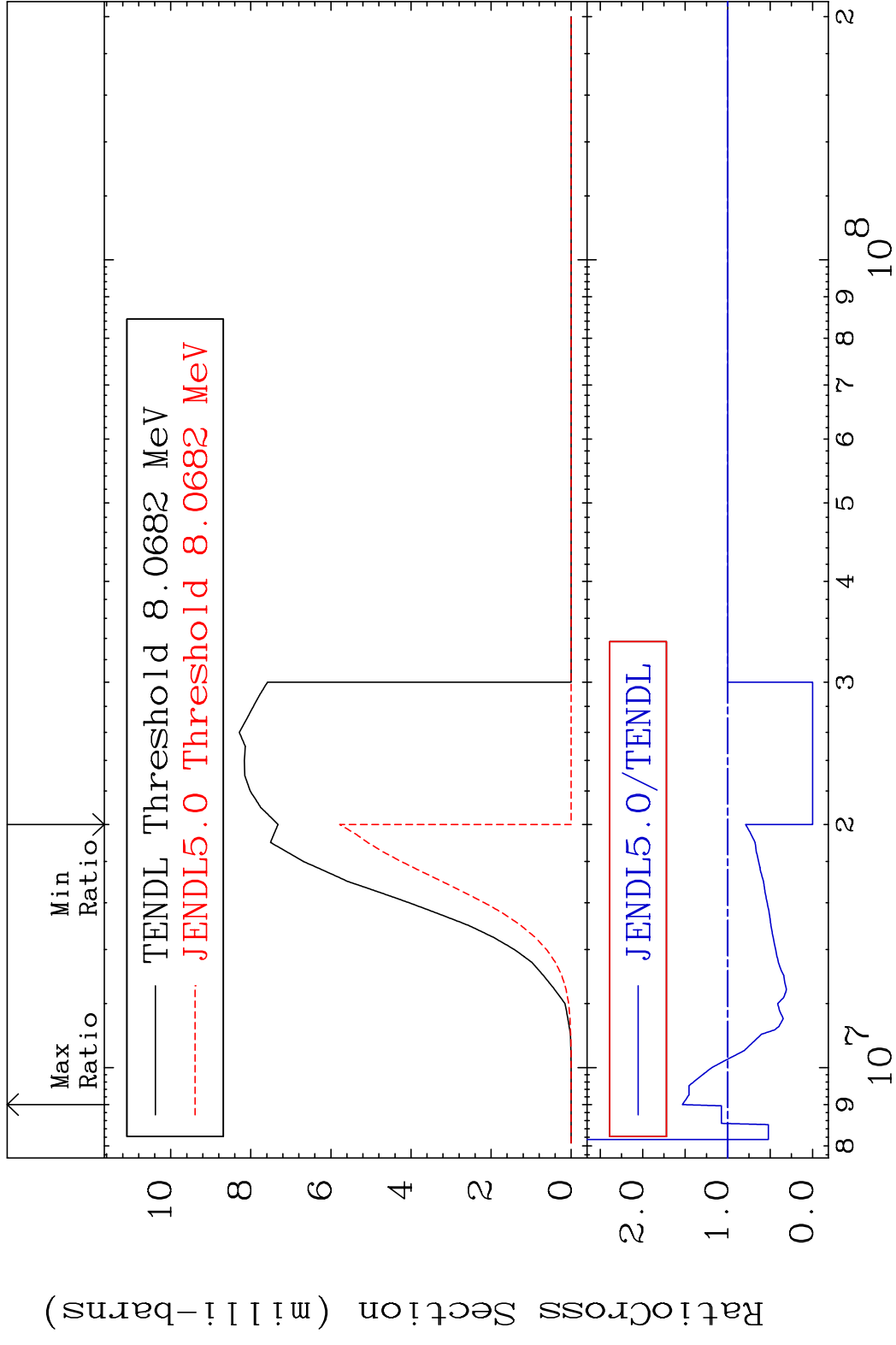


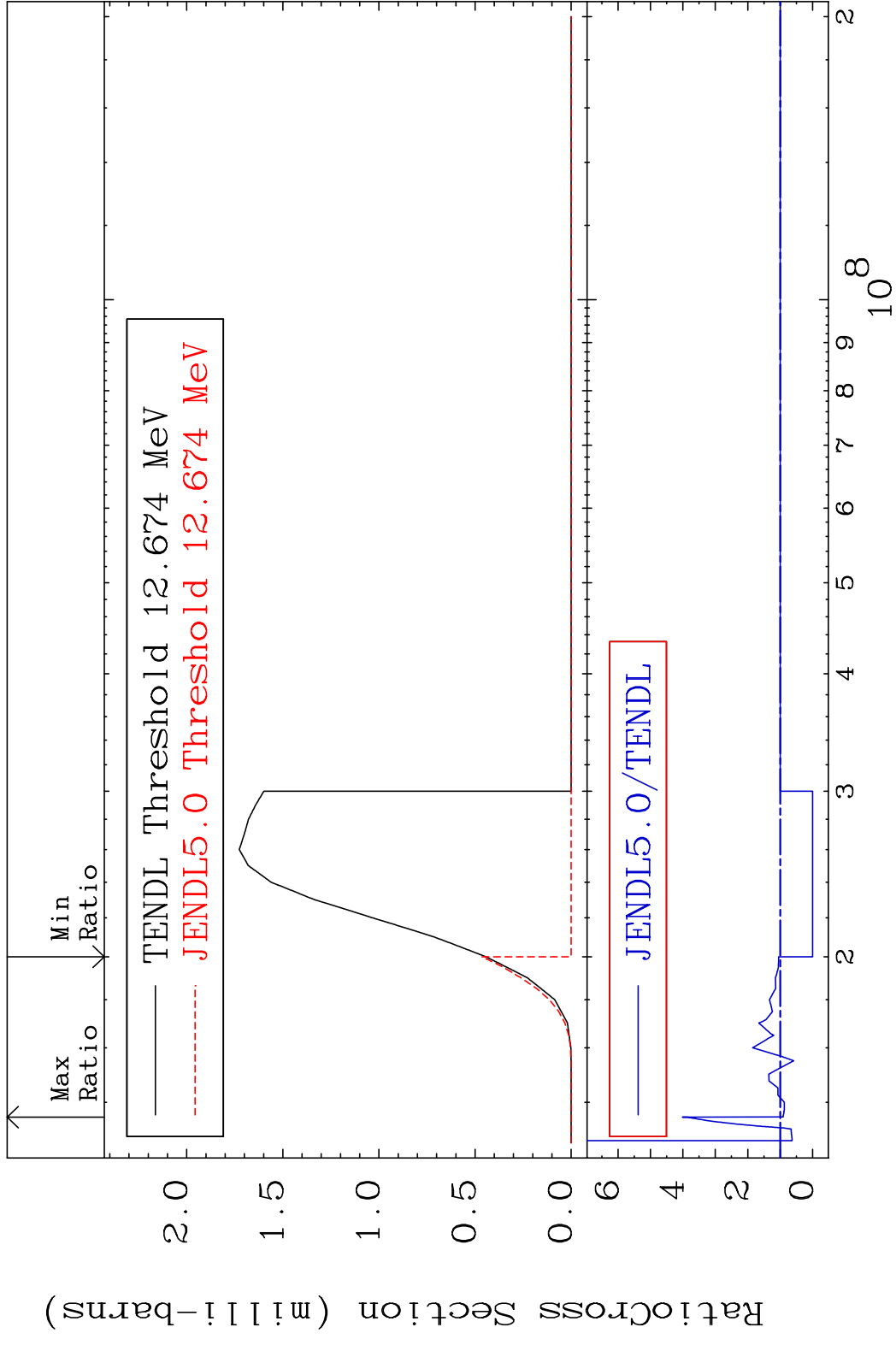
60 Incident Energy (eV) 26-Fe-60

MAT 2643 (n, p) : 25-Mn-60g 26-Fe-60  
 Radionuclide Production Cross Section 180.01 dth 57.06 %



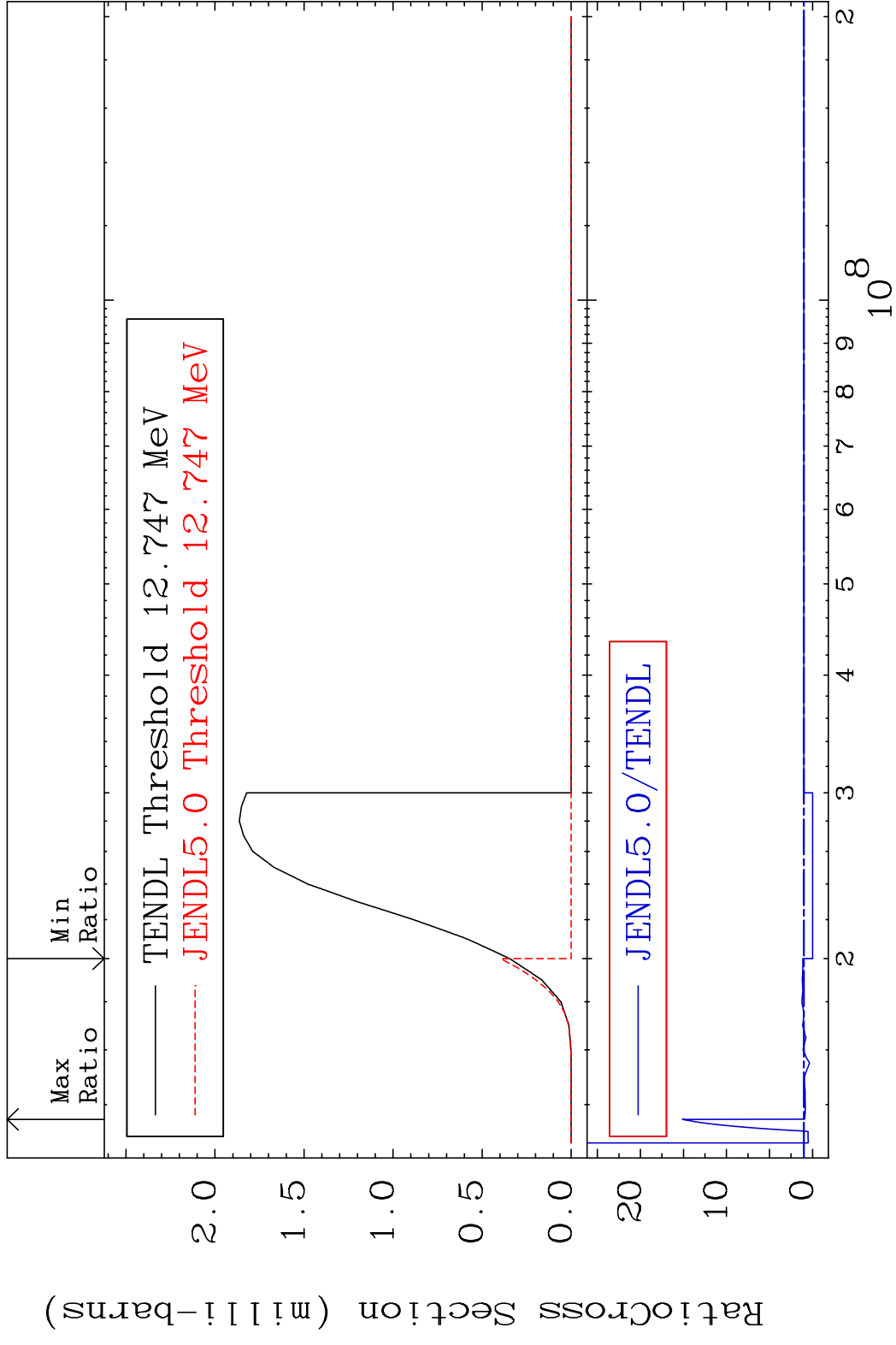
MAT 2643 (n,p):25-Mn-60m1 26-Fe-60  
 Radionuclide Production Cross Section 180.0 mb 53.39 %



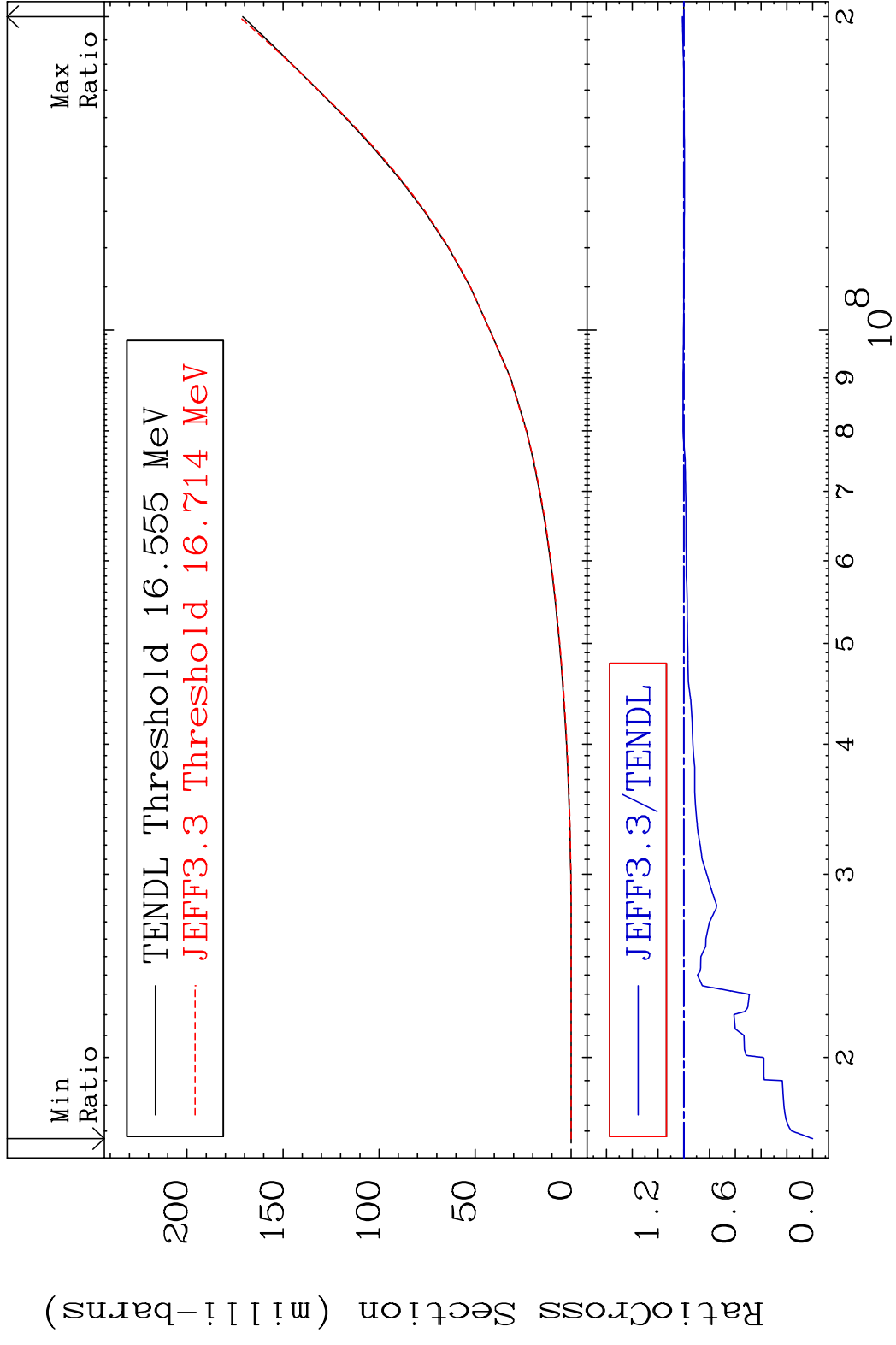




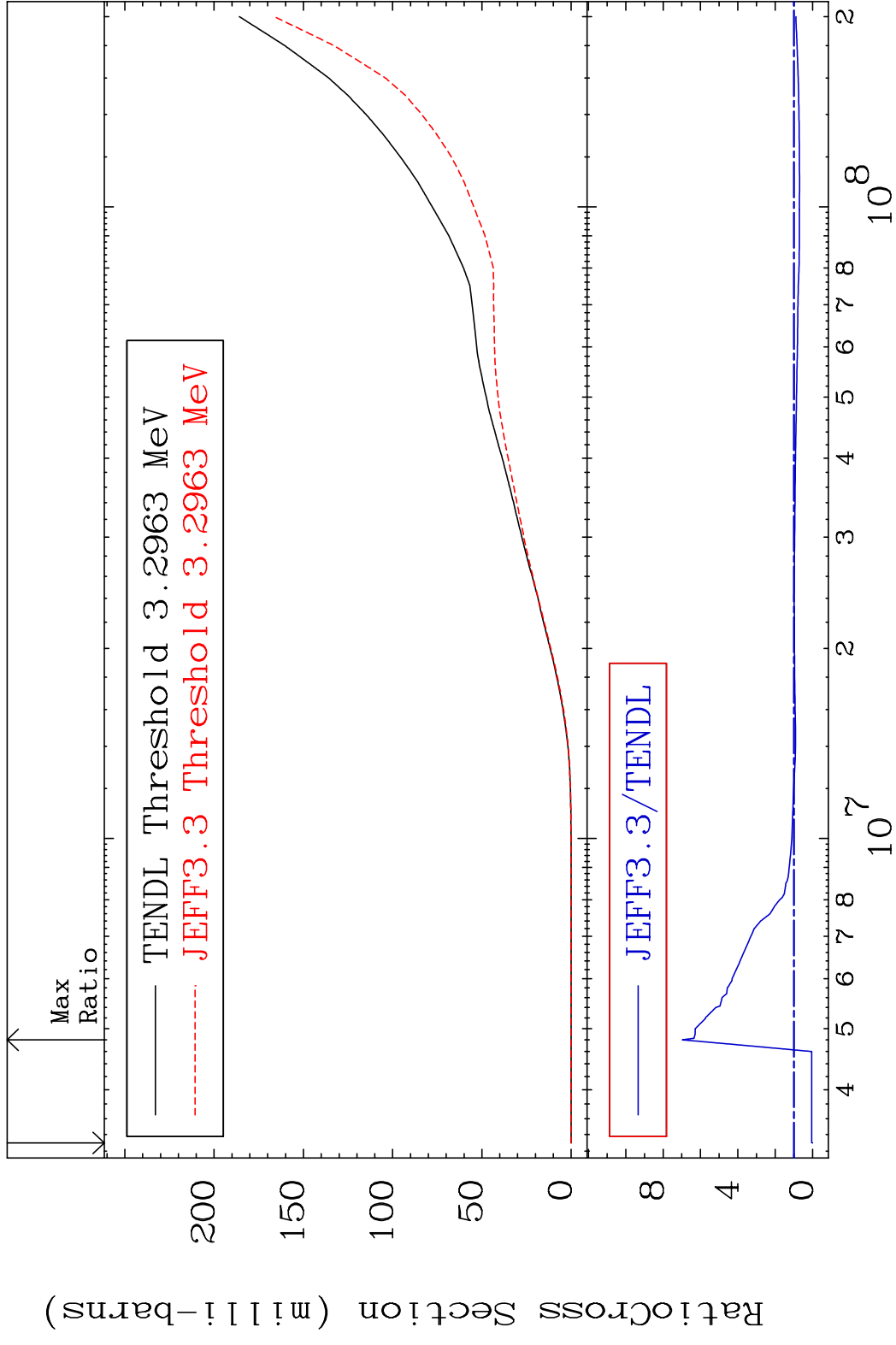
MAT 2643 (n,t):25-Mn-58m1 26-Fe-60  
 Radionuclide Production Cross Section 180.0 dth 1413. %



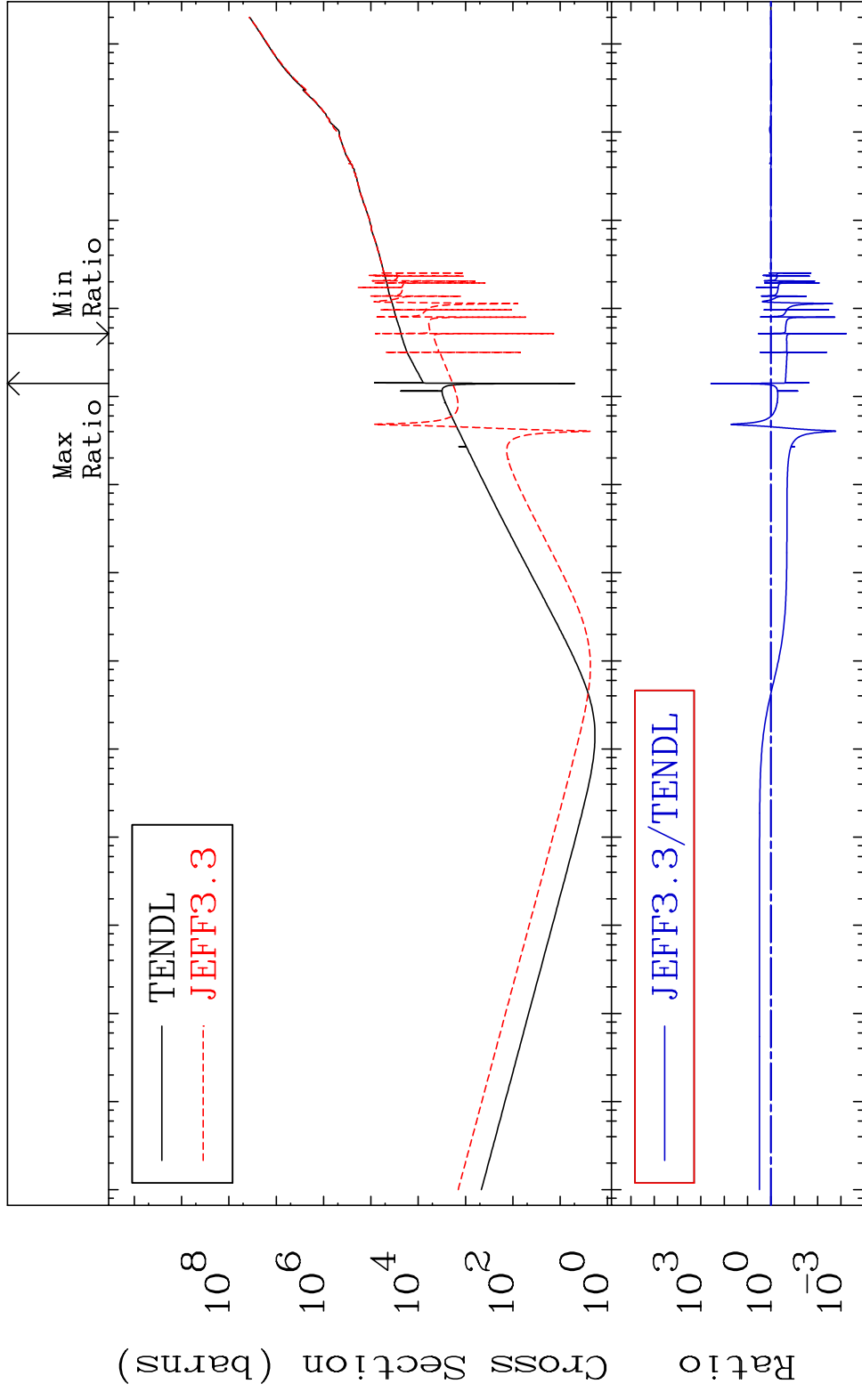
MAT 2643 He-3 Production 26-Fe-60  
 Cross Section -100.0 To 1.049 %



MAT 2643 He-4 Production 26-Fe-60  
 Cross Section -100.0 To 597.1 %



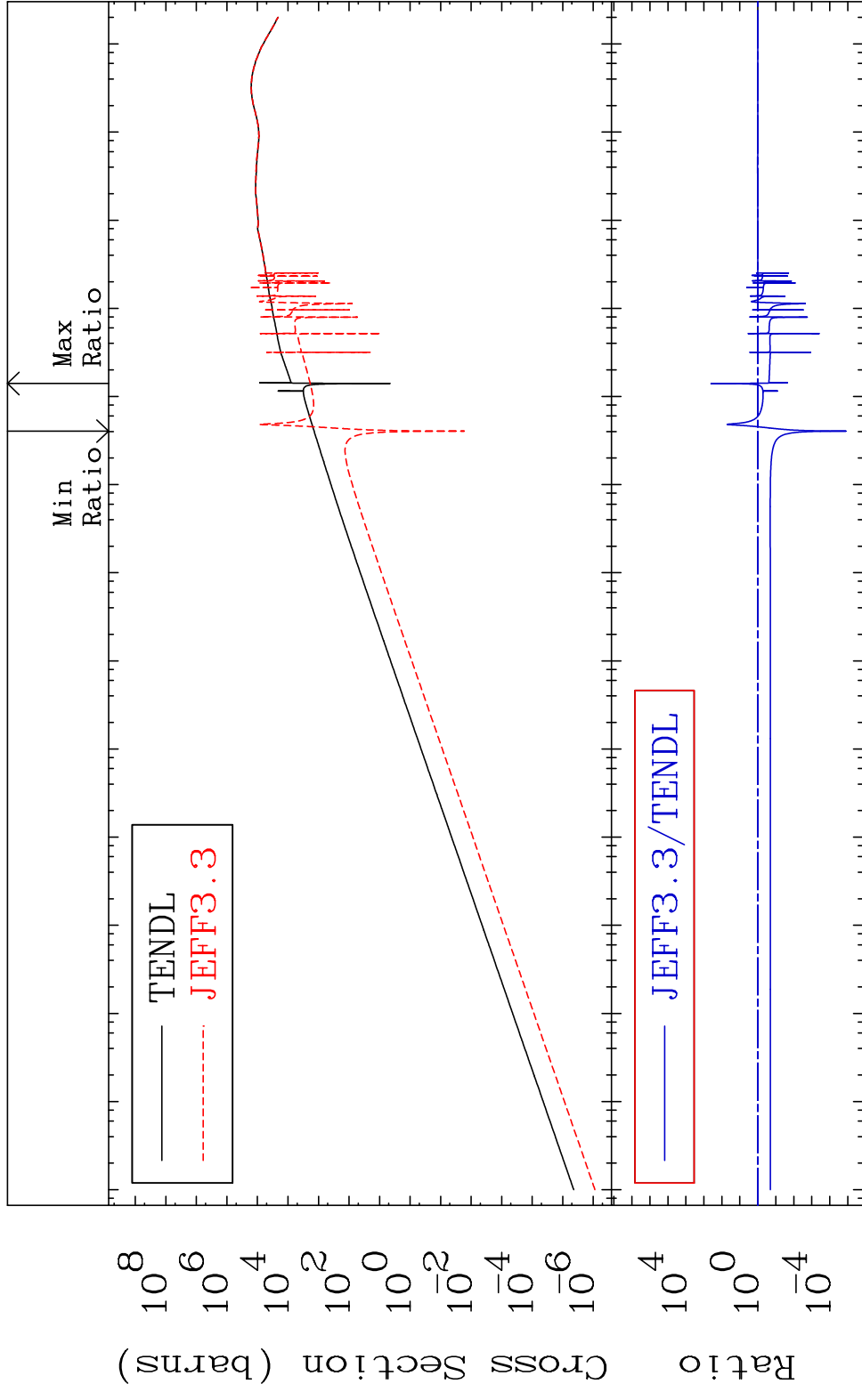
MAT 2643 Kerma total (eV-barns) 26-Fe-60  
 Cross Section -99.94 To 9999. %



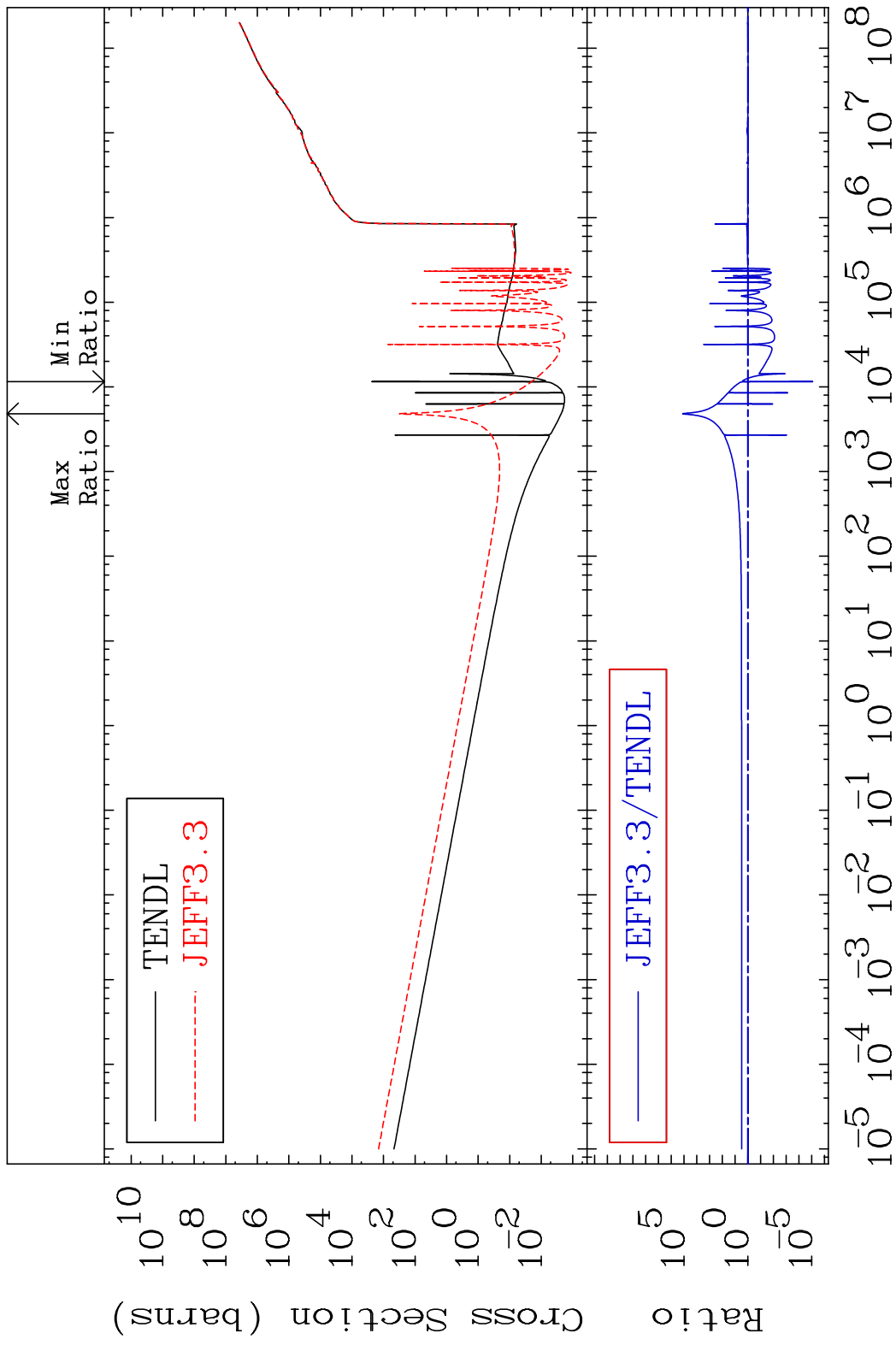
Ratio  
 Cross Section (barns)  
 Incident Energy (eV) 26-Fe-60

MAT 2643

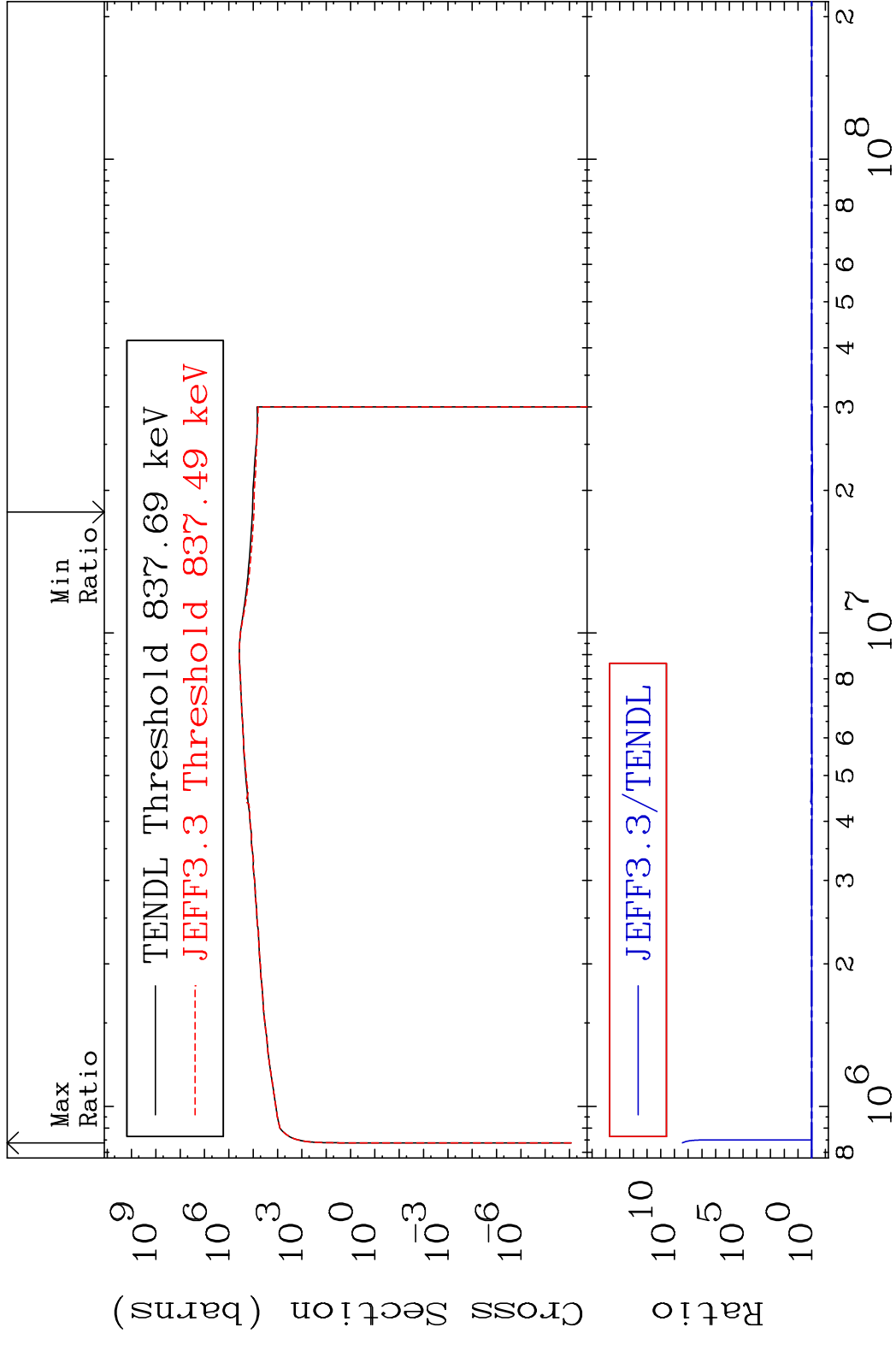
Kerma elastic  
Cross Section -100.0 To 9999. %  
26-Fe-60



MAT 2643 Kerma non-elastic (all but mt2) 26-Fe-60  
 Cross Section -100.0 To 9999. %

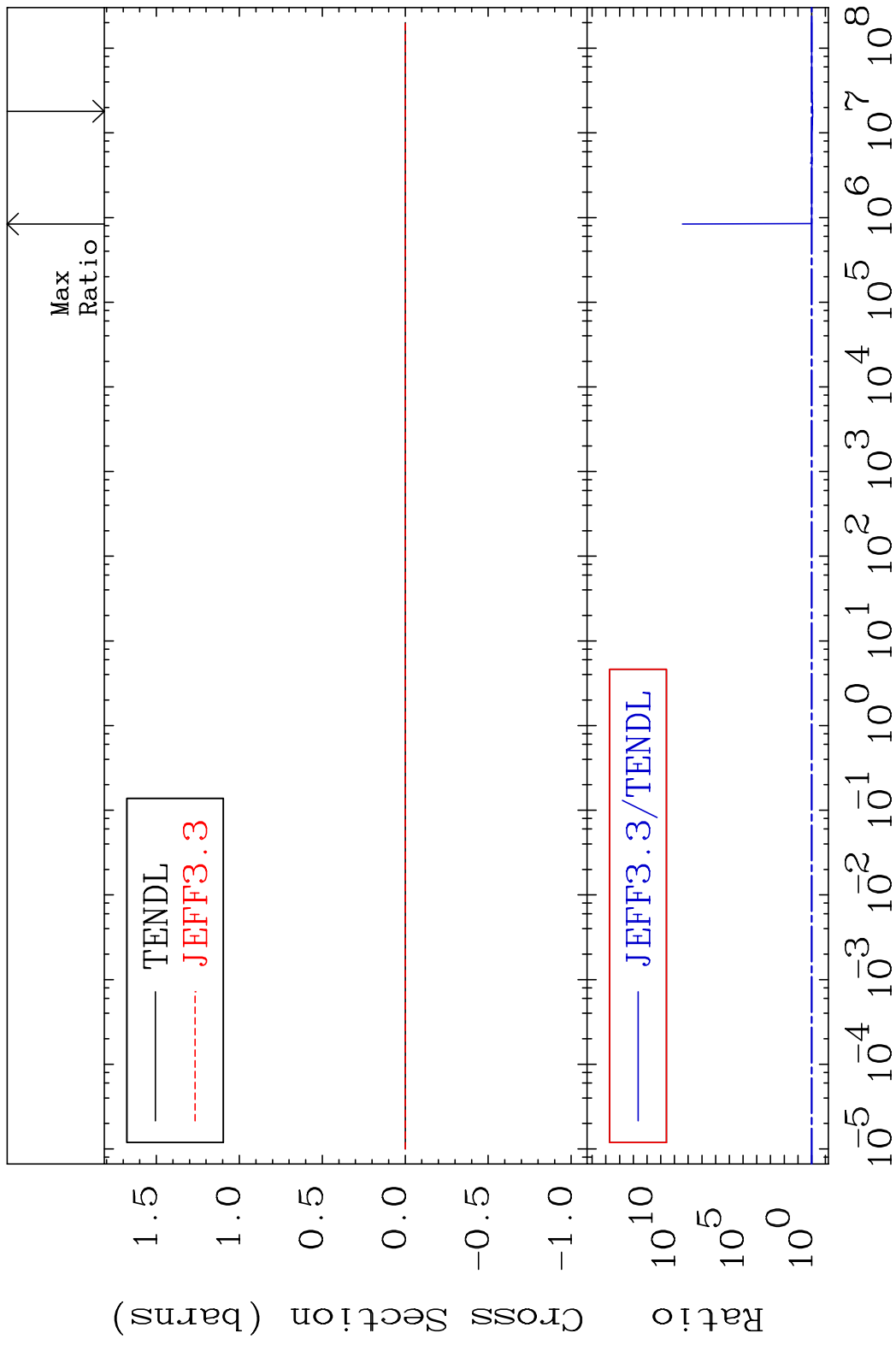


MAT 2643 Kerma inelastic (mt51-91) 26-Fe-60  
 Cross Section -13.43 To 9999. %



70 Incident Energy (eV) 26-Fe-60

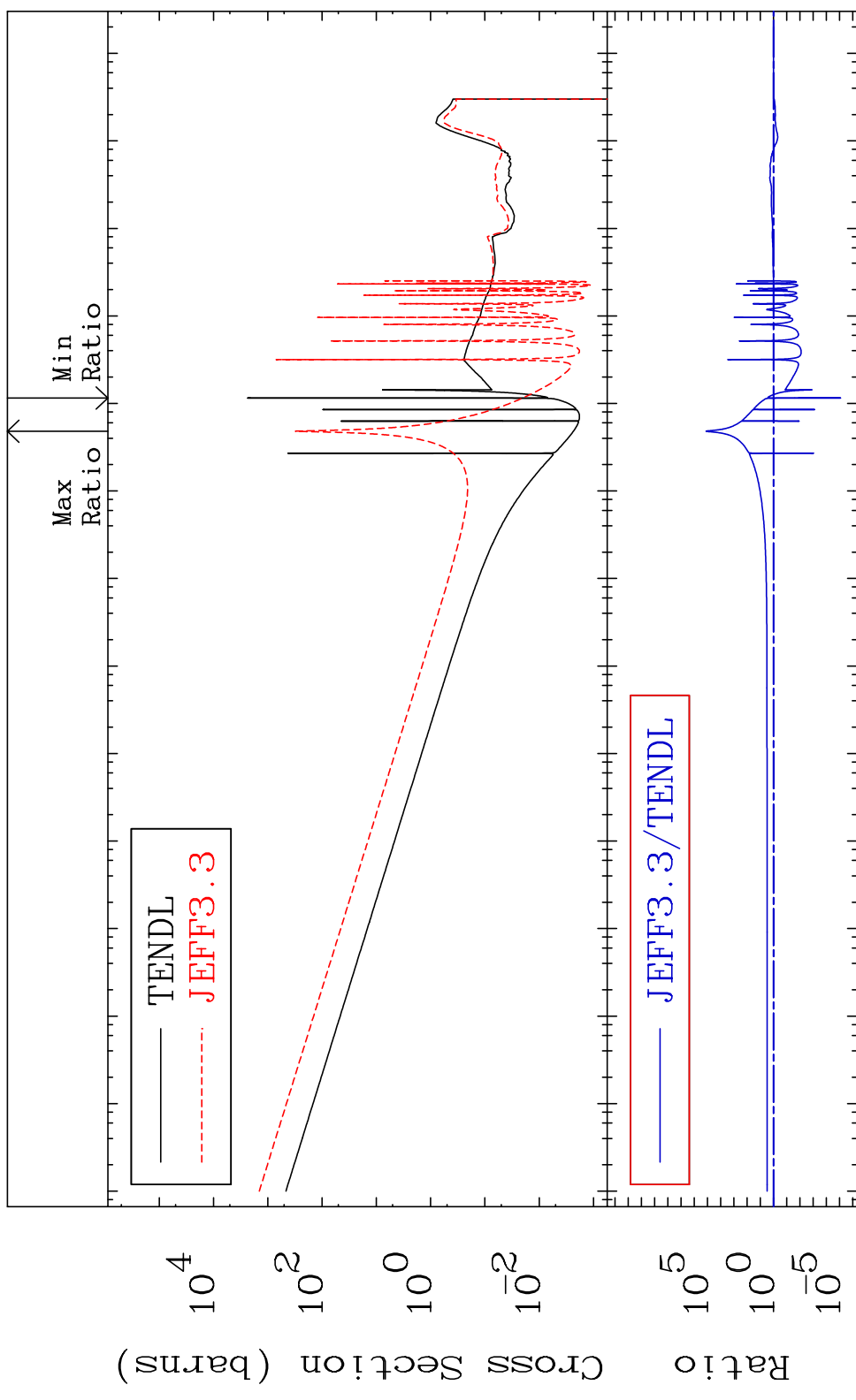
MAT 2643 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-60  
 Cross Section -13.43 To 9999. %





MAT 2643

Kerma capture (mt102) 26-Fe-60  
Cross Section -100.0 To 9999. %

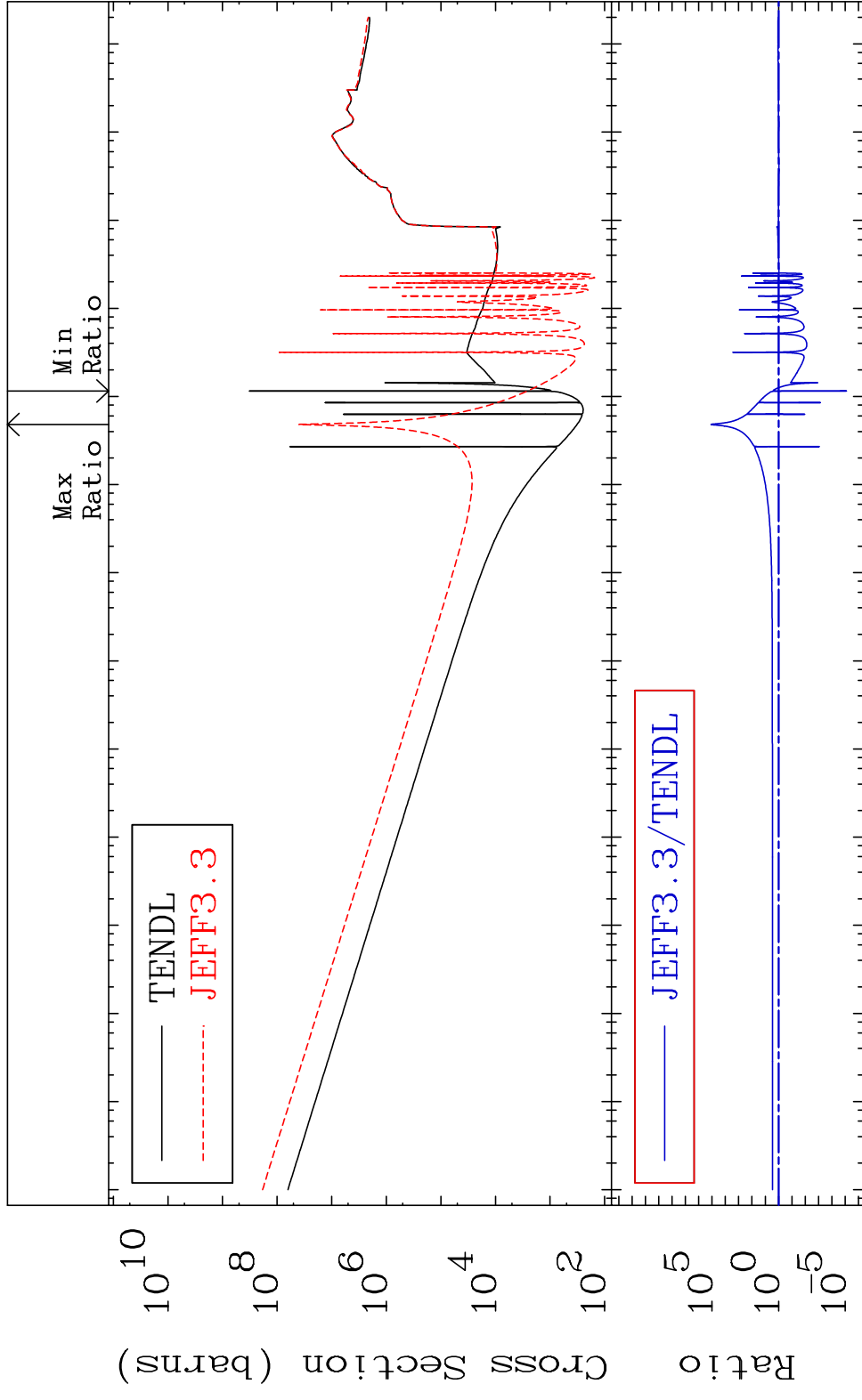


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Incident Energy (eV)

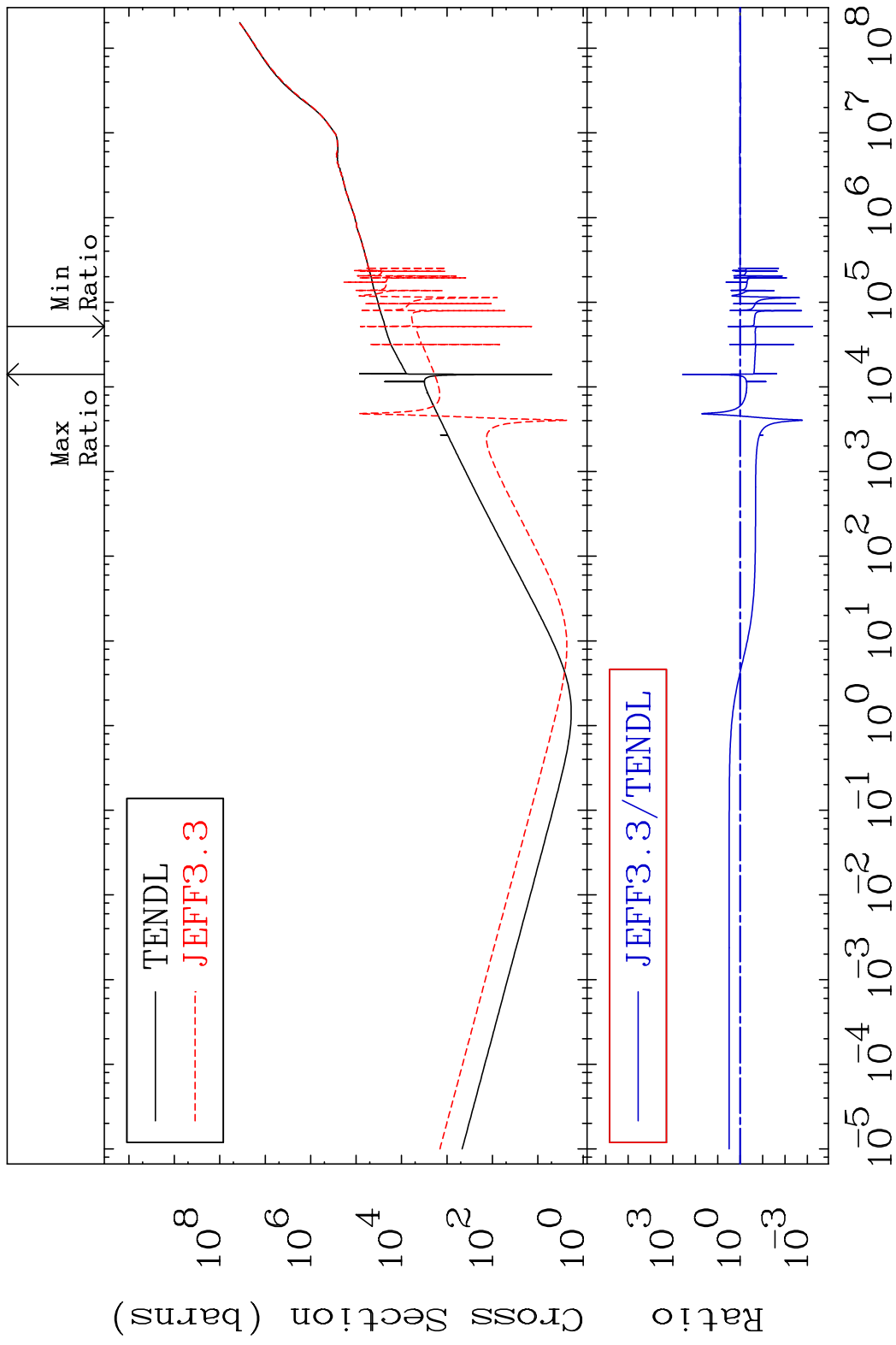
26-Fe-60

MAT 2643 Total photon (eV-barns) 26-Fe-60  
 Cross Section -100.0 To 9999. %

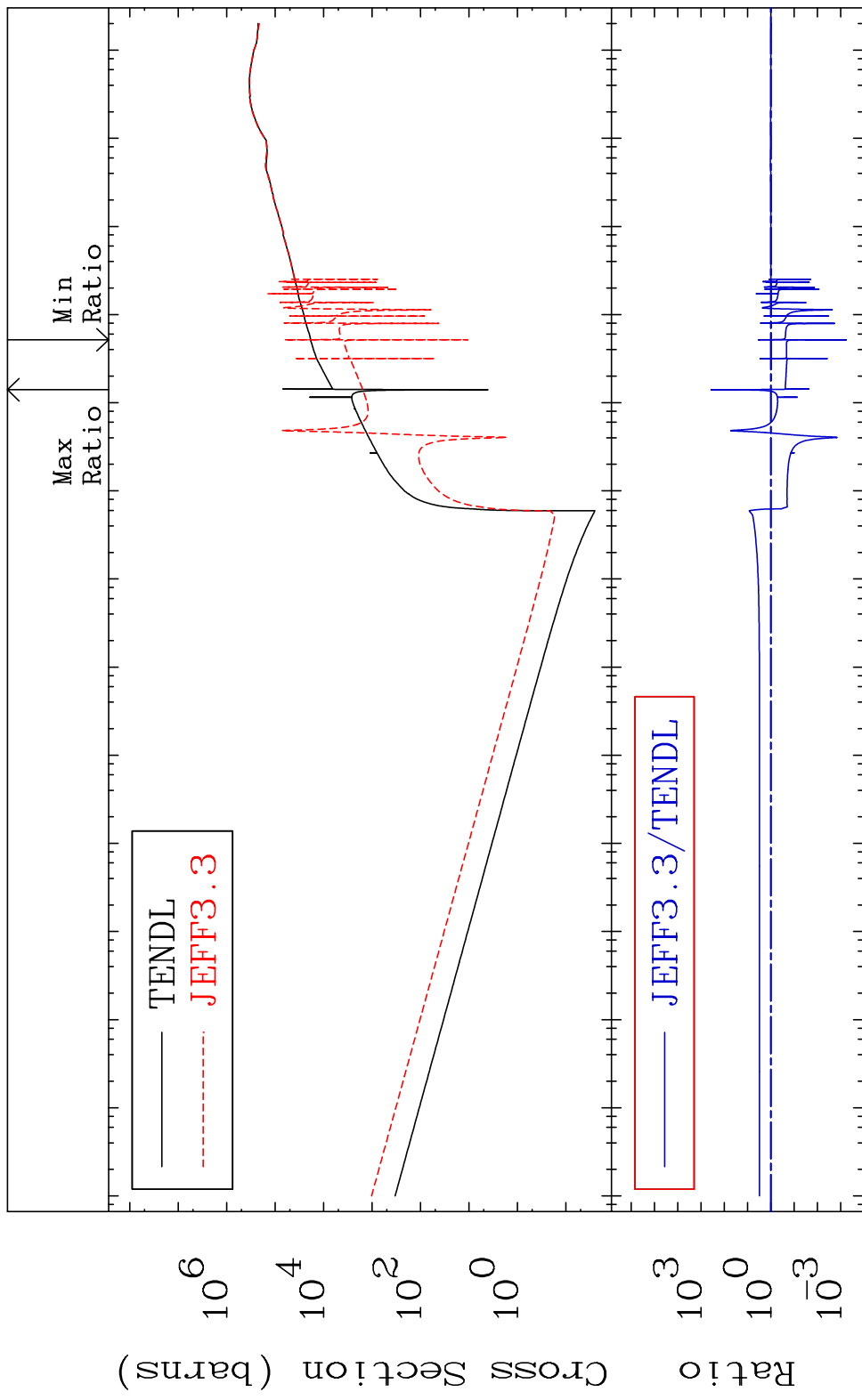


73 Incident Energy (eV) 26-Fe-60

MAT 2643 Total kinematic kerma (high limit) 26-Fe-60  
 Cross Section -99.94 To 9999. %



MAT 2643 Dpa total (eV-barns) 26-Fe-60  
 Cross Section -99.94 To 9999. %



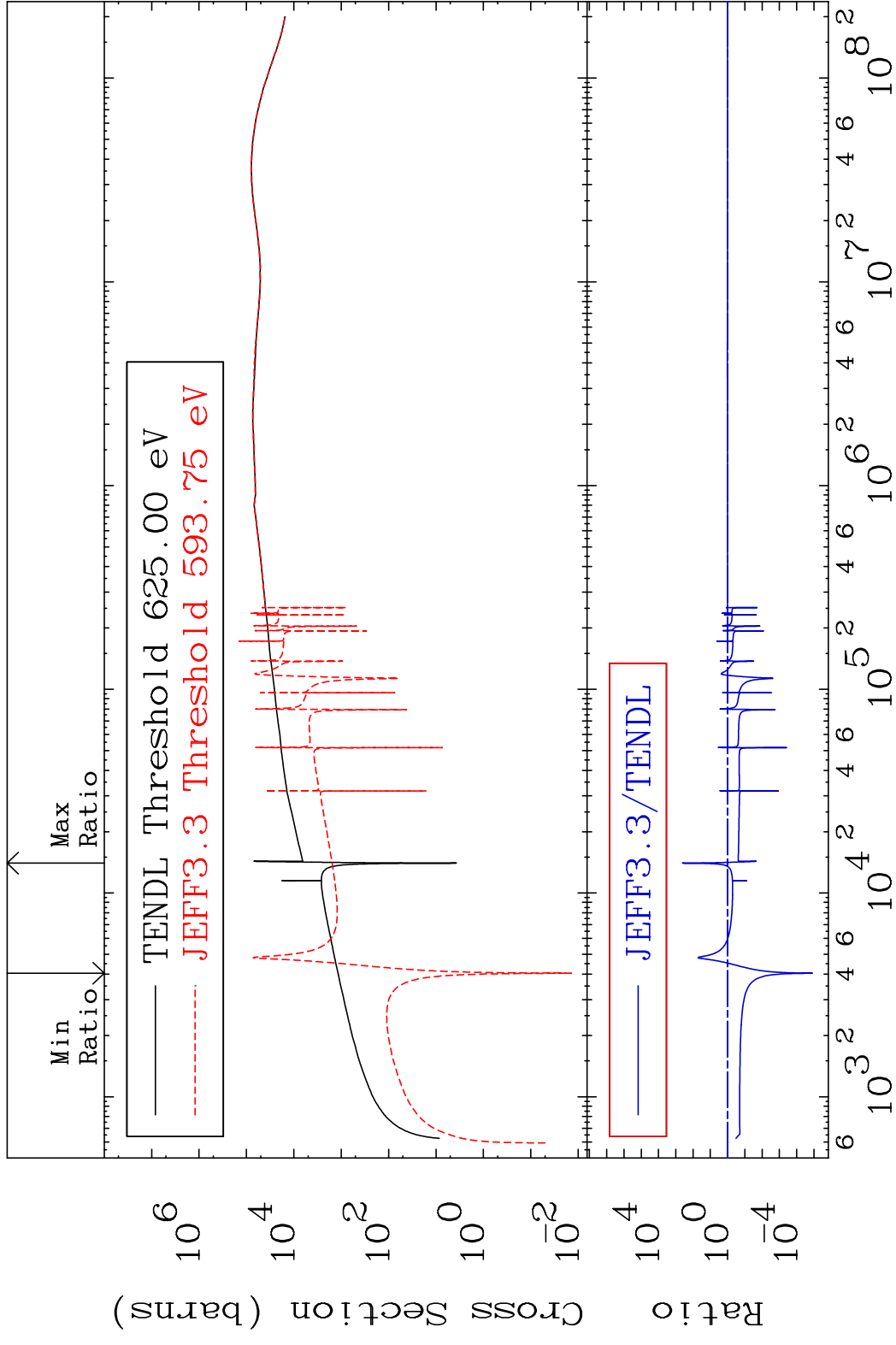
75 Incident Energy (eV) 26-Fe-60

MAT 2643

Dpa elastic (mt2)

<sup>26</sup>Fe-60

Cross Section -100.0 To 9999. %

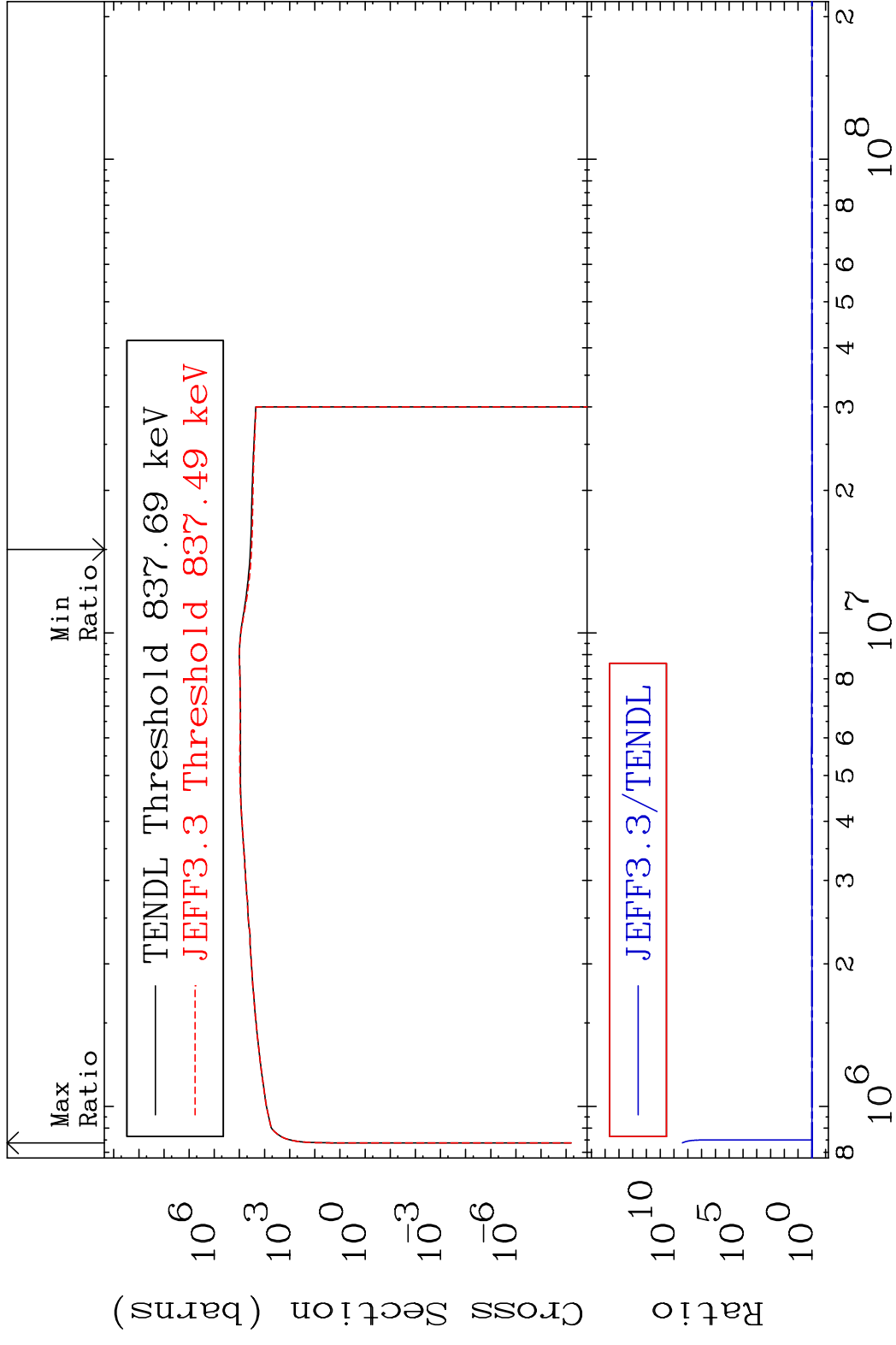


76

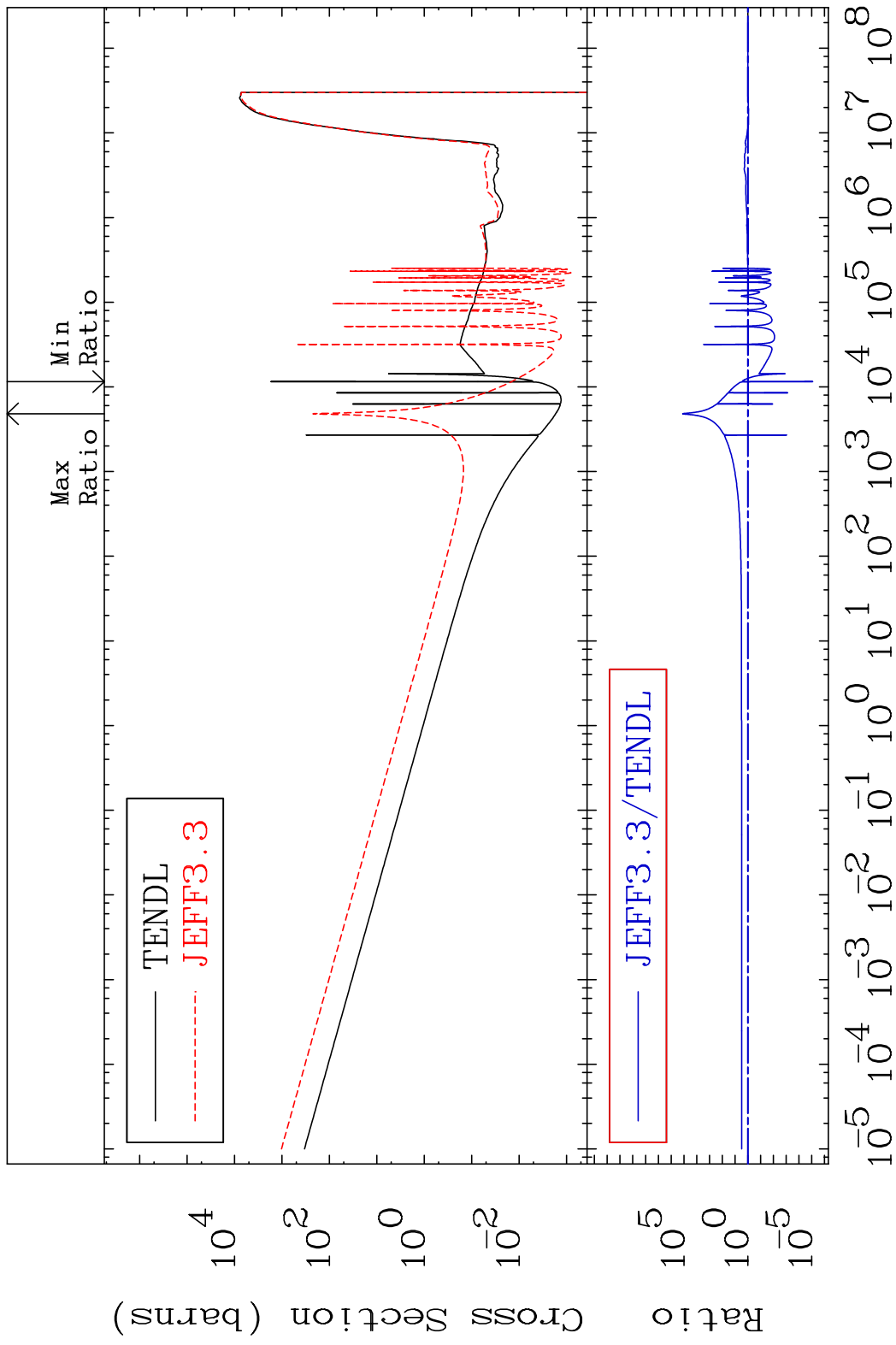
Incident Energy (eV)

<sup>26</sup>Fe-60

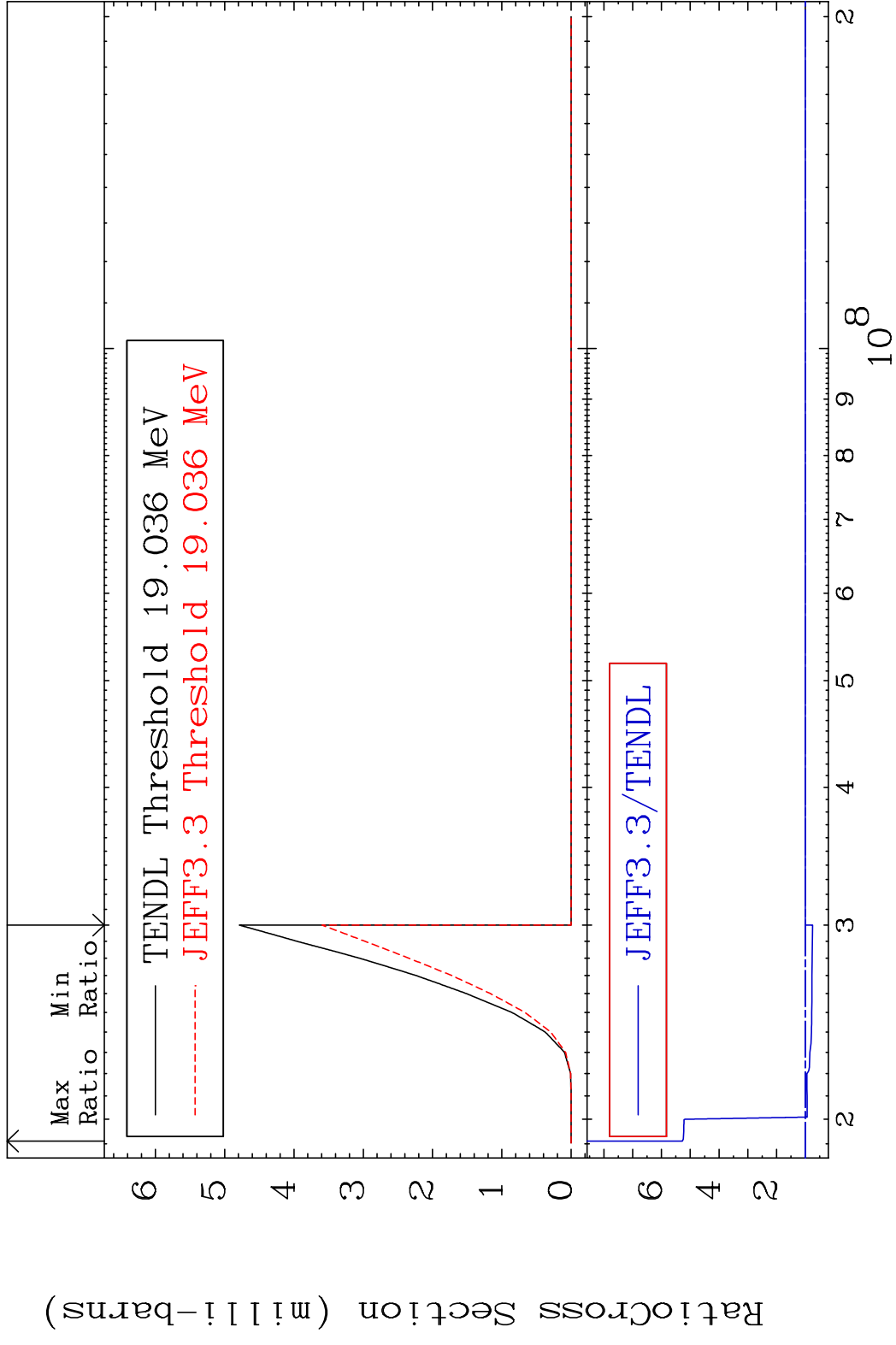
MAT 2643 Dpa inelastic (mt51-91) 26-Fe-60  
 Cross Section -10.50 To 9999. %



MAT 2643 Dpa disappearance (mt102 -120) 26-Fe-60  
 Cross Section -100.0 To 9999. %

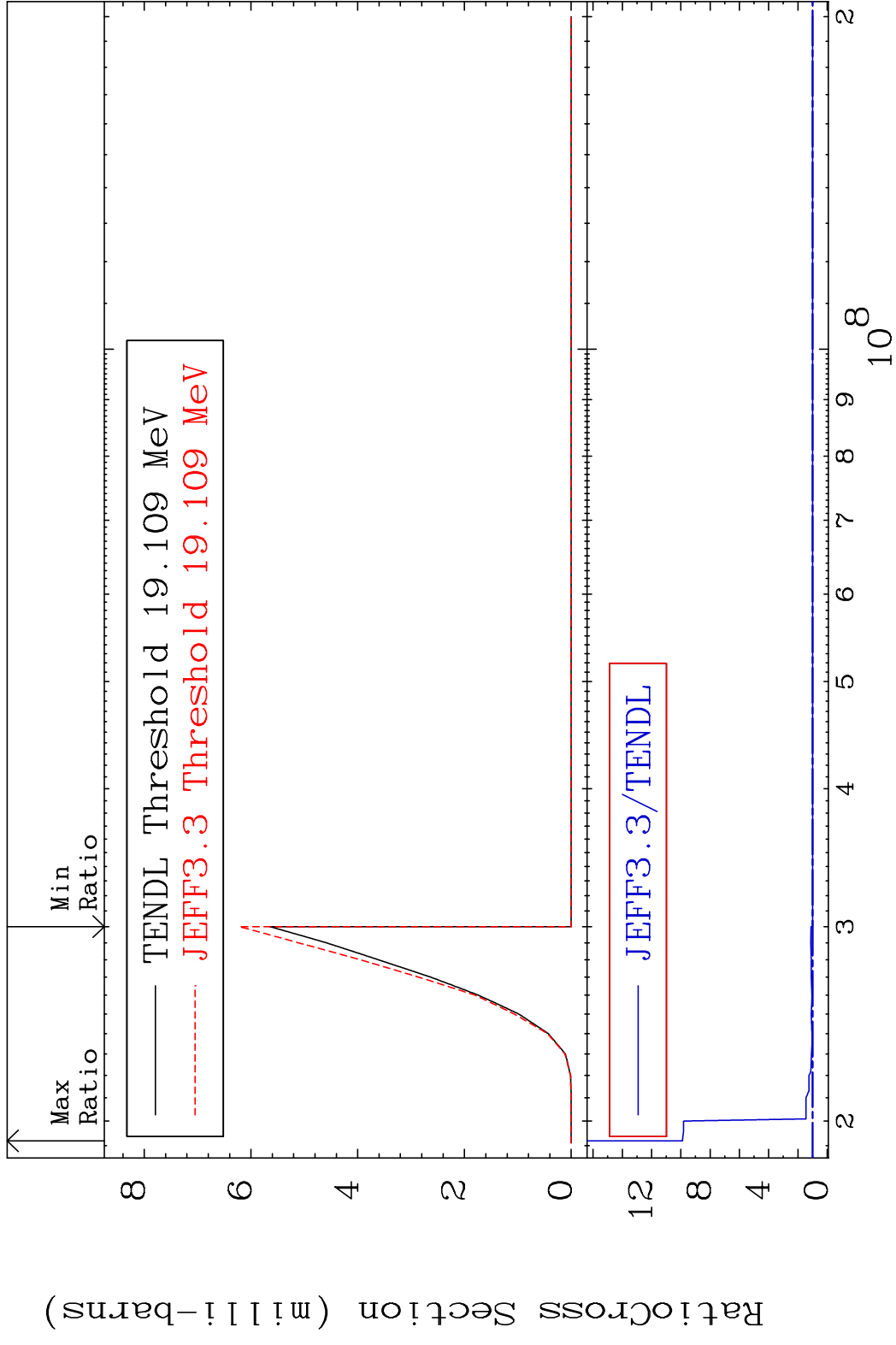


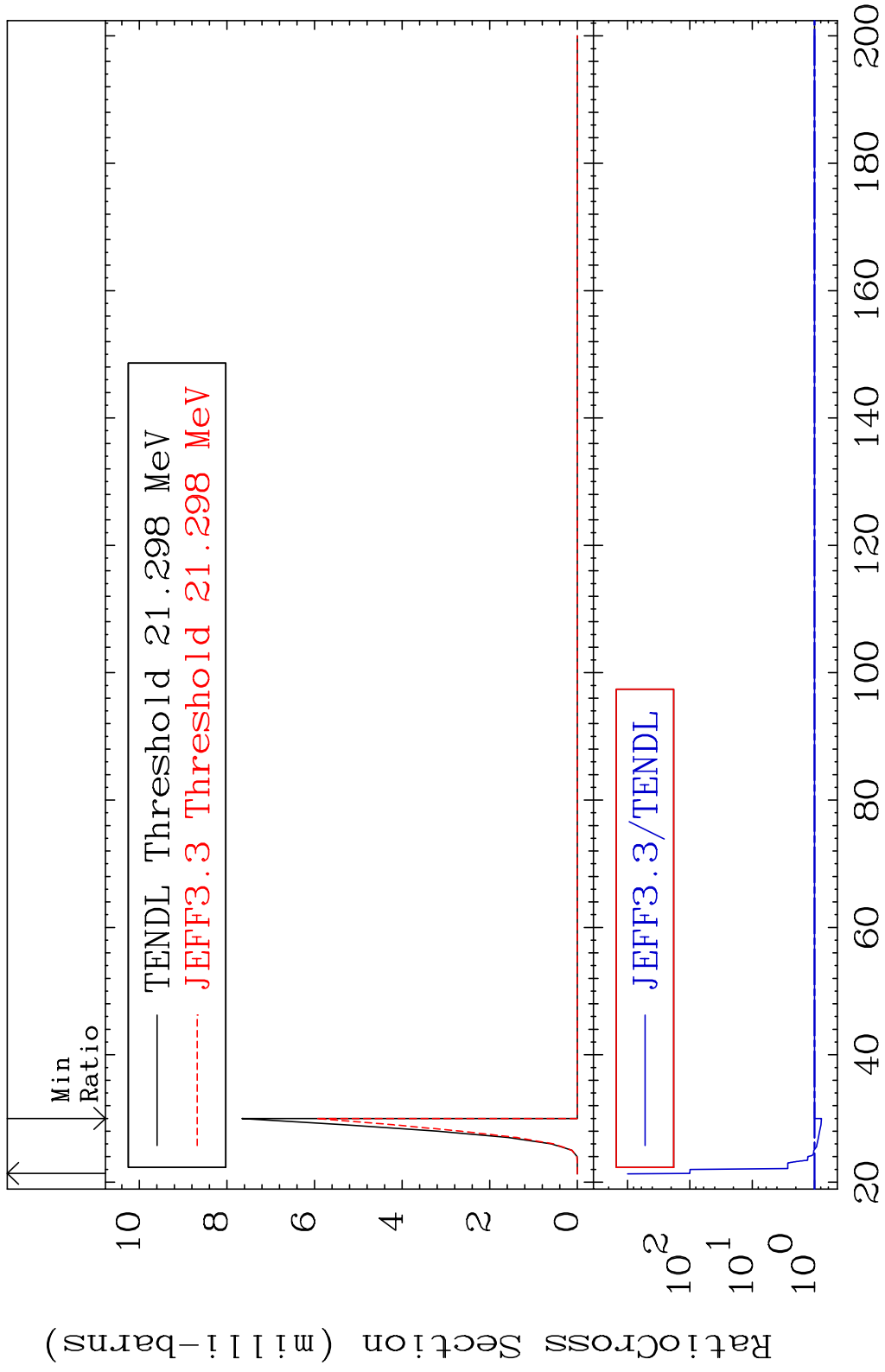
MAT 2643 (n, n') d:25-Mn-58g 26-Fe-60  
 Radionuclide Production Cross Section 427.4 %



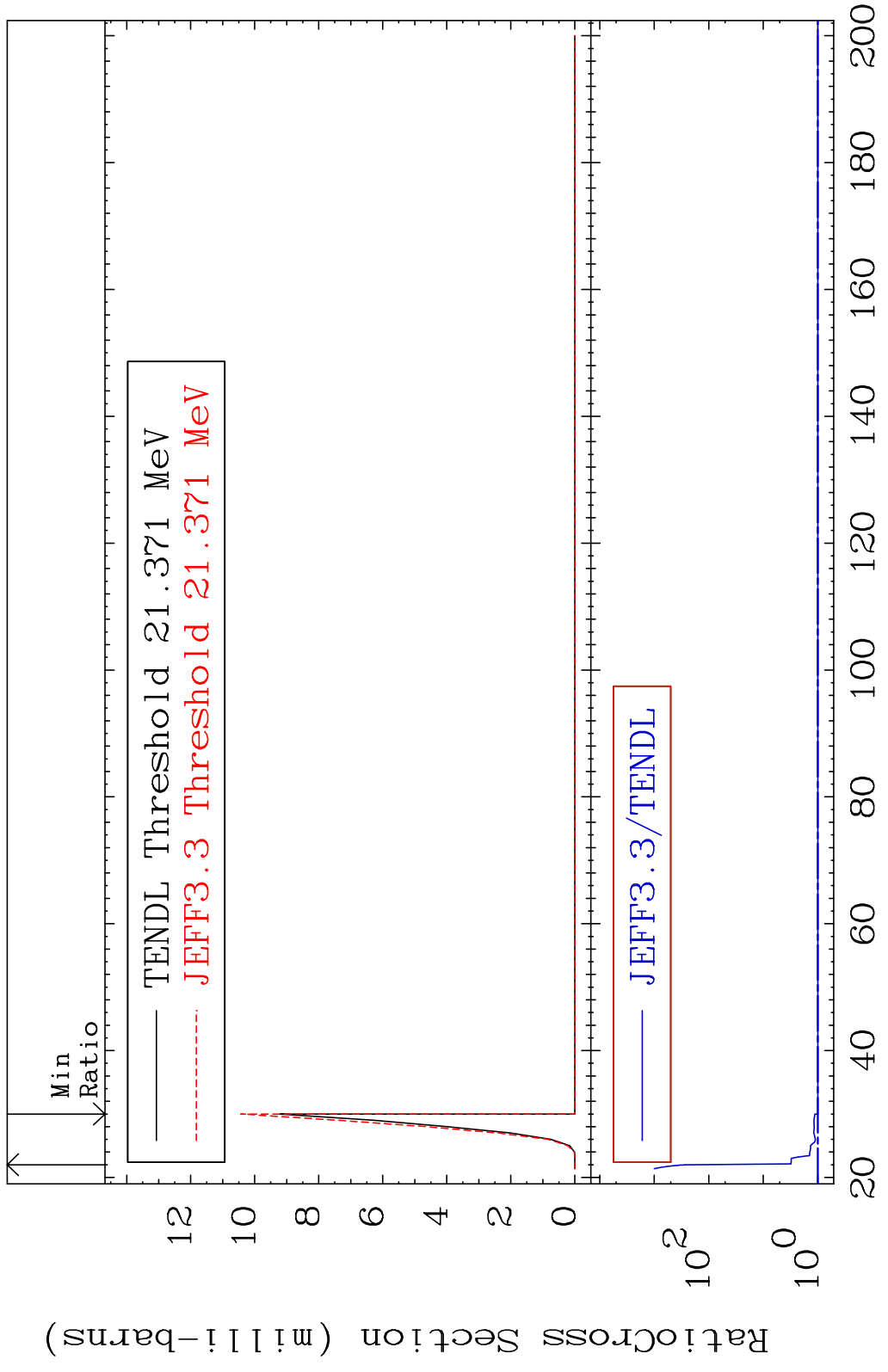


MAT 2643 (n, n') d:25-Mn-58m1 26-Fe-60  
 Radionuclide Production Cross Section 889.6 %

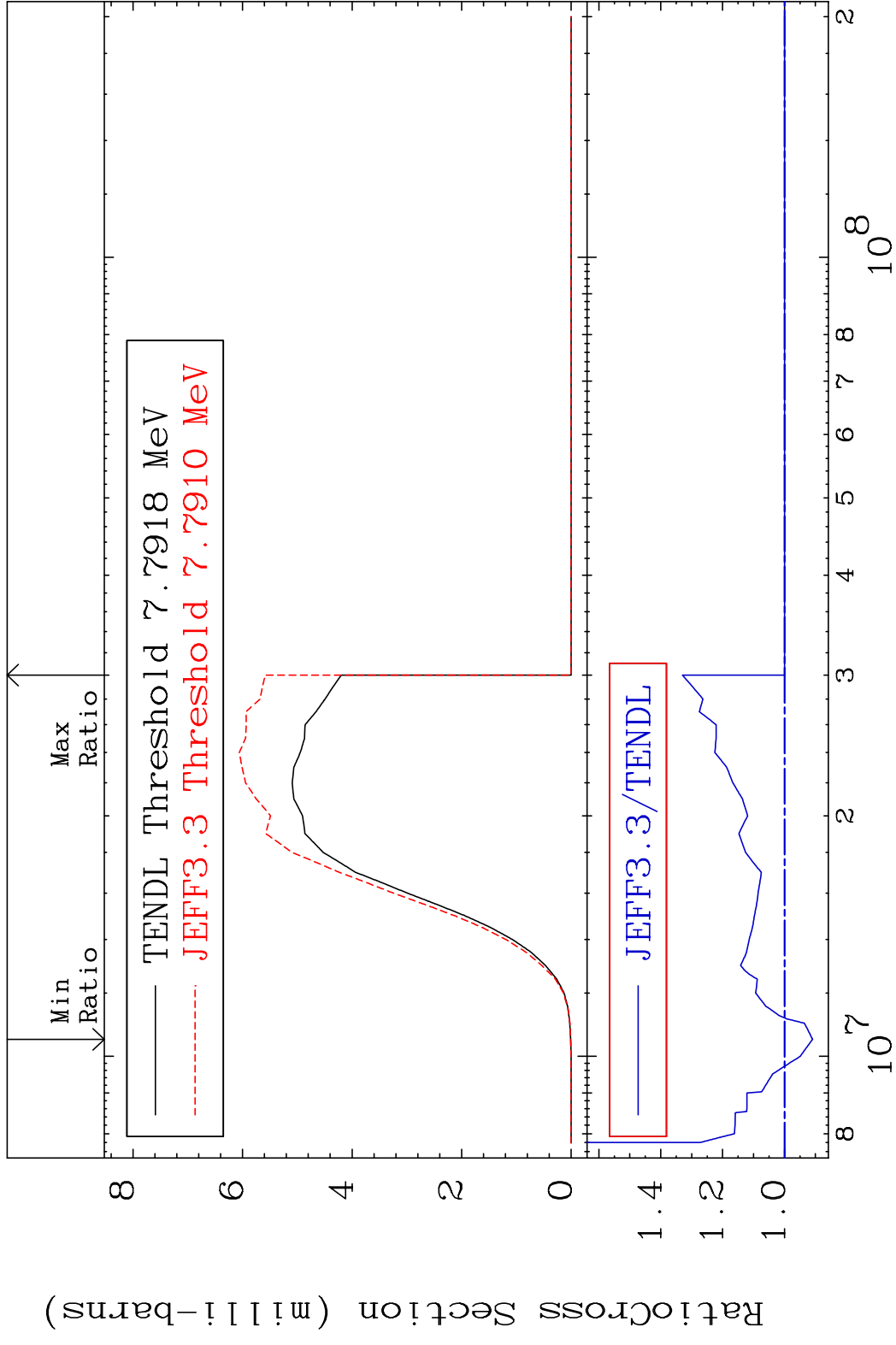




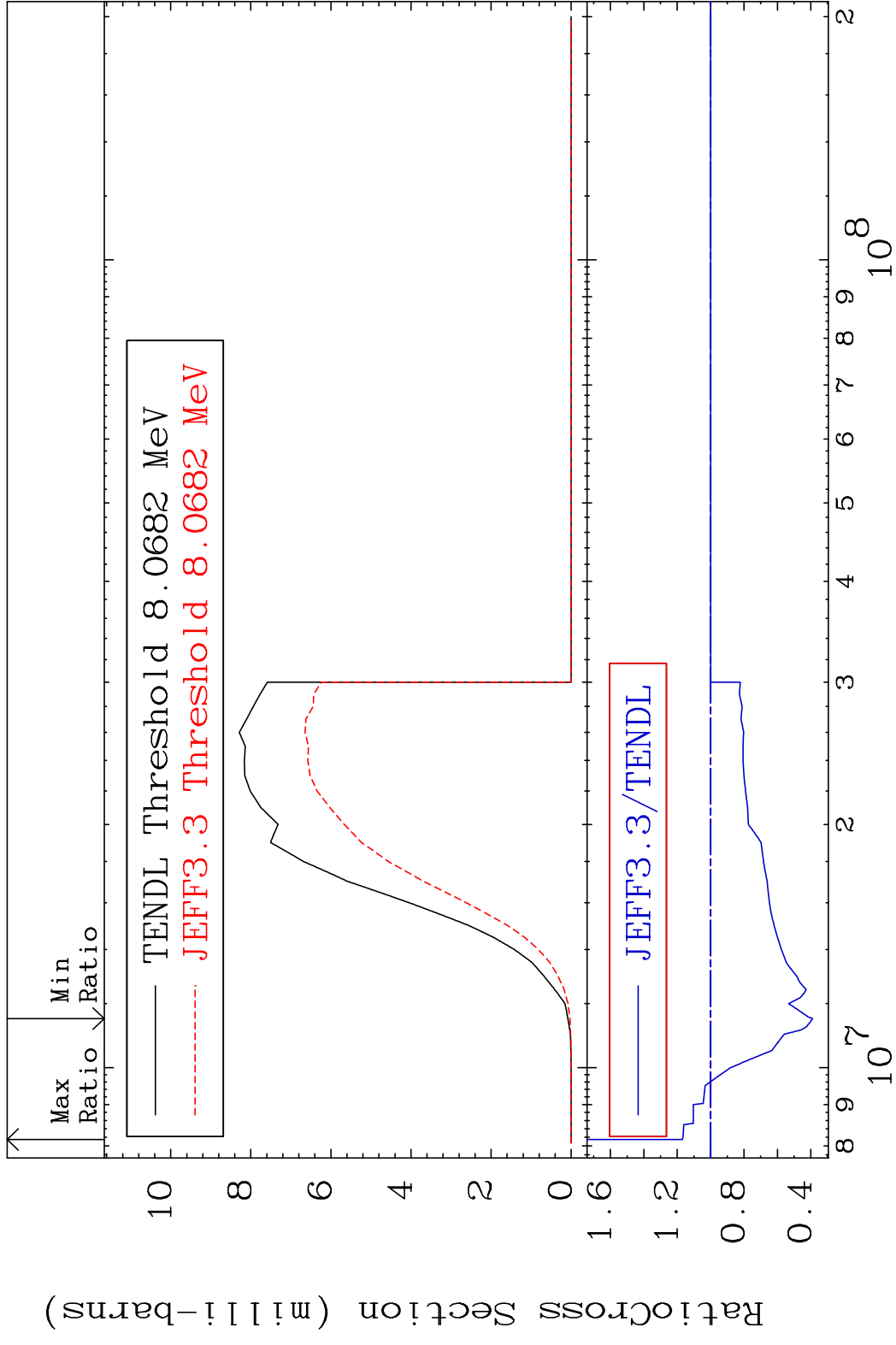
MAT 2643 (n,2n) p:25-Mn-58m1 26-Fe-60  
 Radionuclide Production Cross Section 9999. %

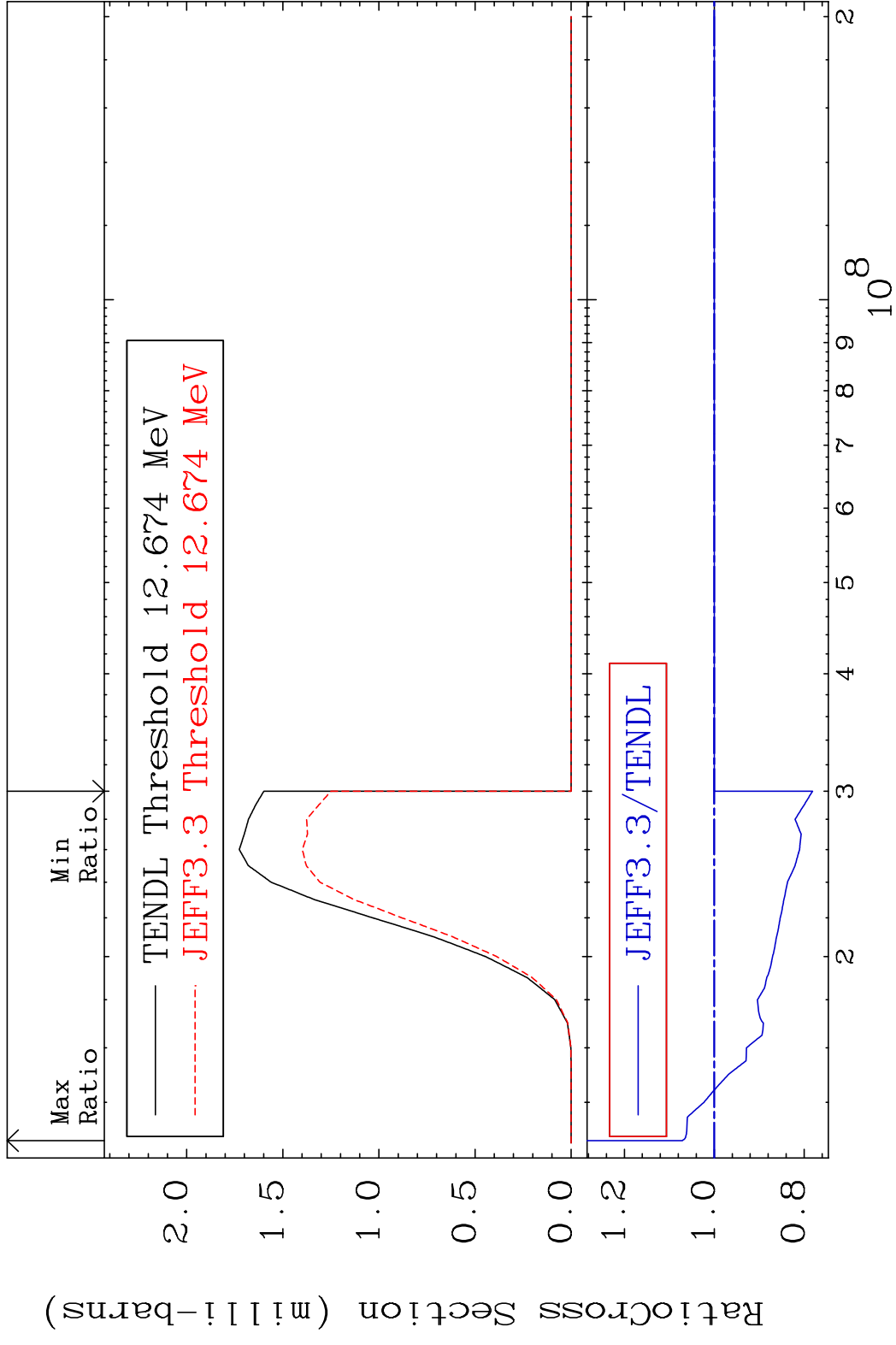


MAT 2643 (n, p): 25-Mn-60g 26-Fe-60  
 Radionuclide Production Cross Section 33.02 %



MAT 2643 (n,p):25-Mn-60m1 26-Fe-60  
 Radionuclide Production Cross Section 16.93 %





MAT 2643 (n, t):25-Mn-58m1 26-Fe-60  
 Radionuclide Production Cross Section 17.34 %

