

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

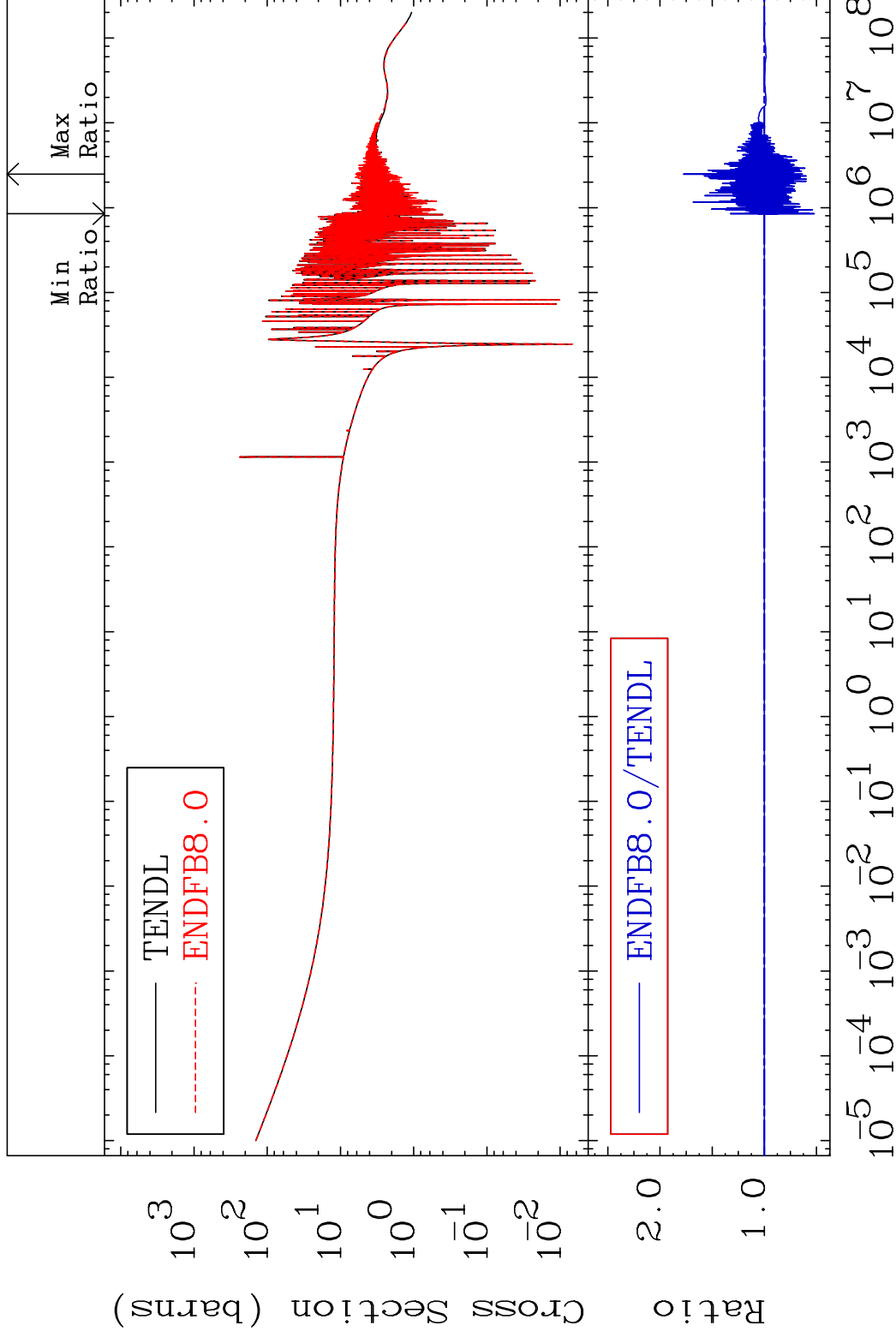
MAT 2631

Total

26-Fe-56

Cross Section

-47.71 To 77.36 %



1

Incident Energy (eV)

26-Fe-56

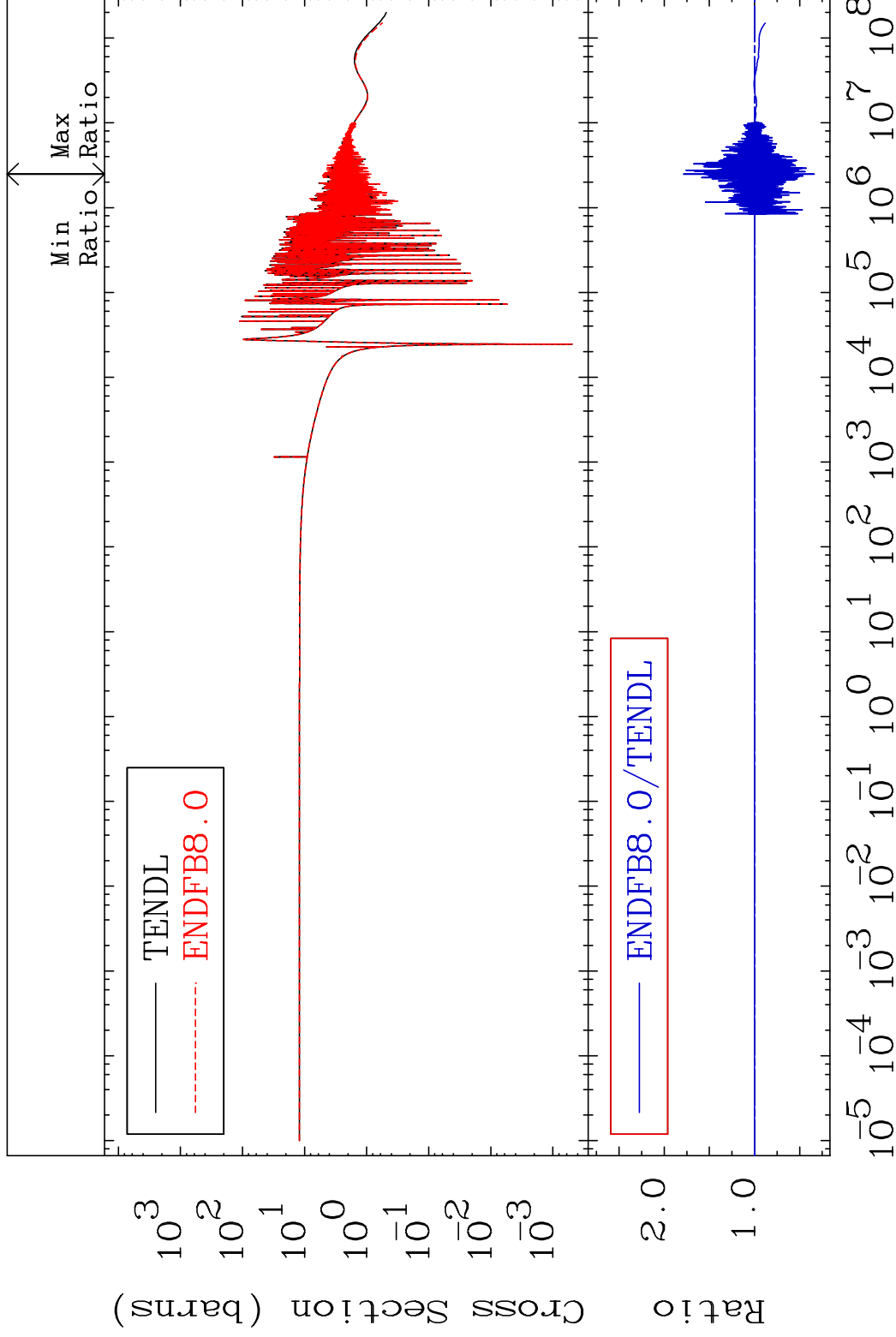
MAT 2631

Elastic

26-Fe-56

Cross Section

-65.98 To 78.47 %

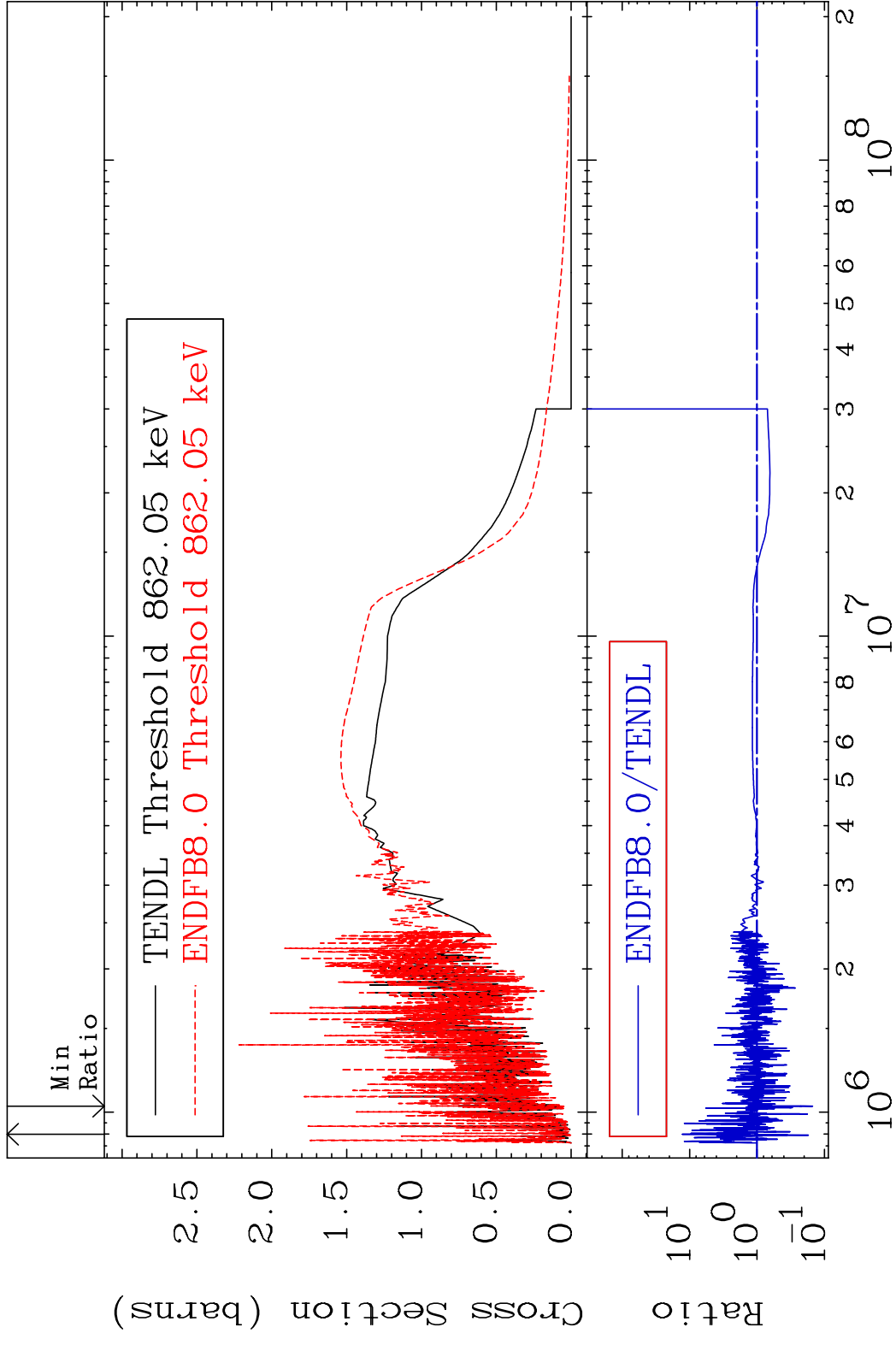


2

Incident Energy (eV)

26-Fe-56

MAT 2631 Inelastic 26-Fe-56  
Cross Section -85.01 To 1180. %



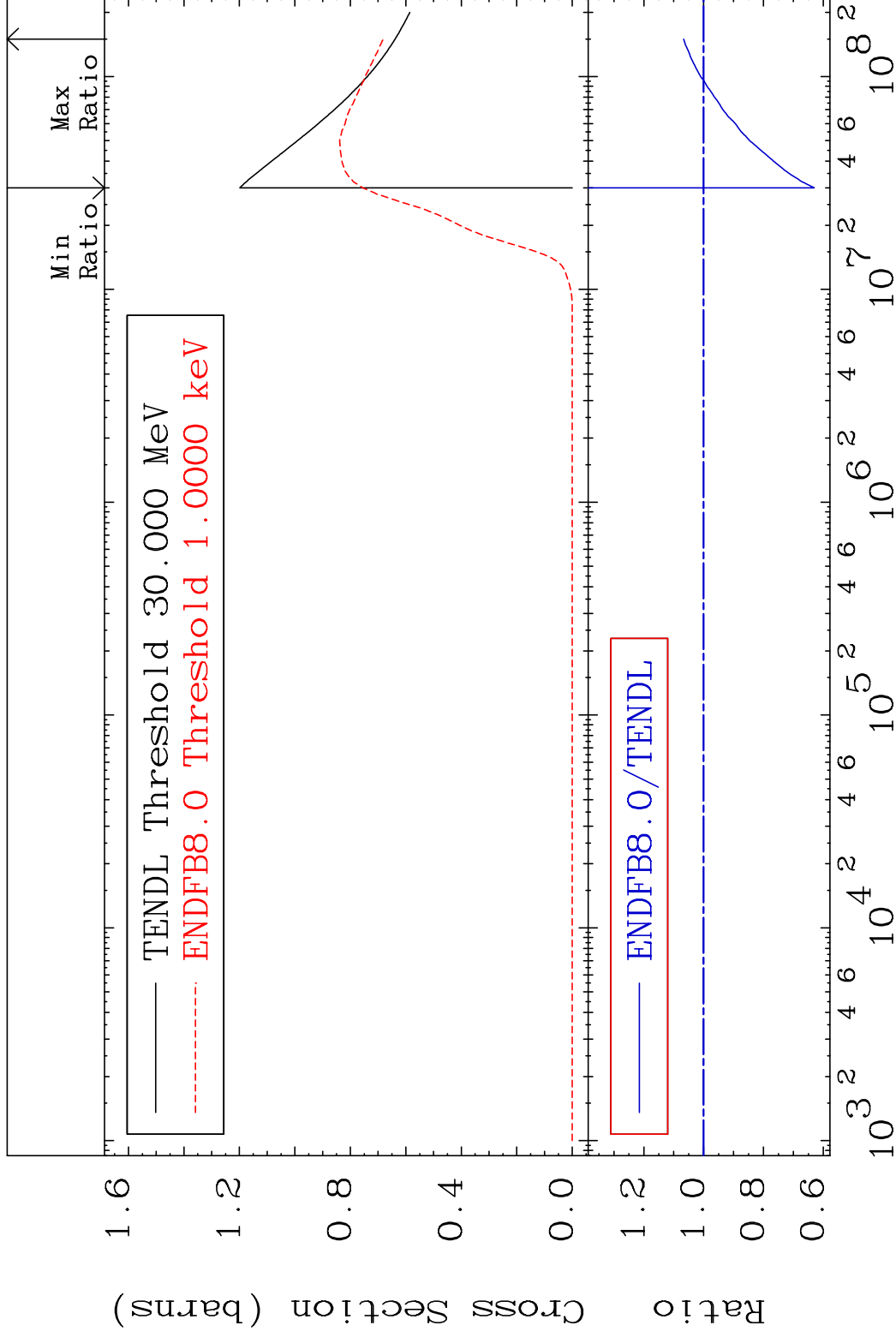
3 Incident Energy (eV) 26-Fe-56

MAT 2631

(n, remainder)

<sup>26</sup>Fe-56

Cross Section -36.93 To 6.686 %

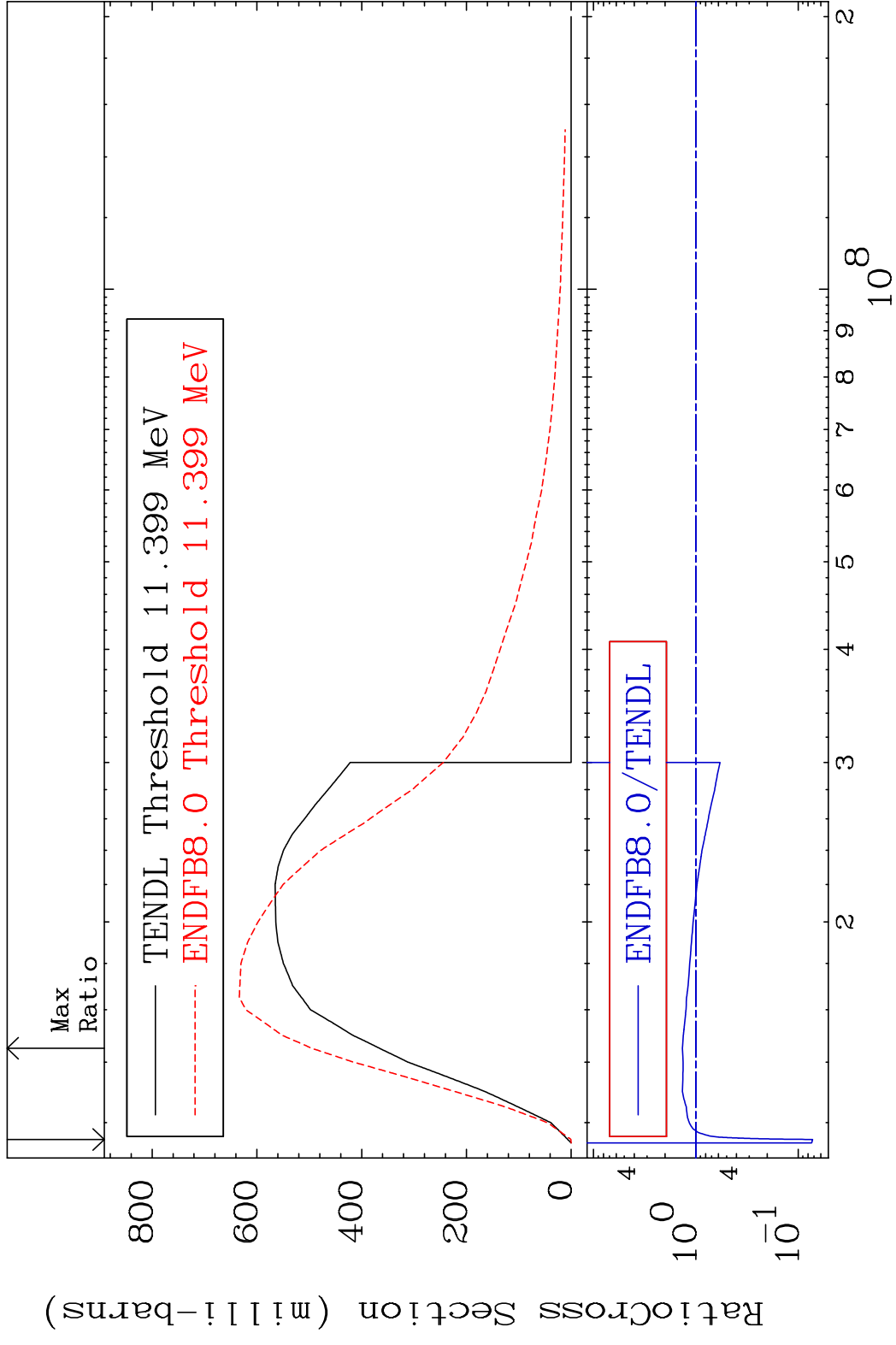


4

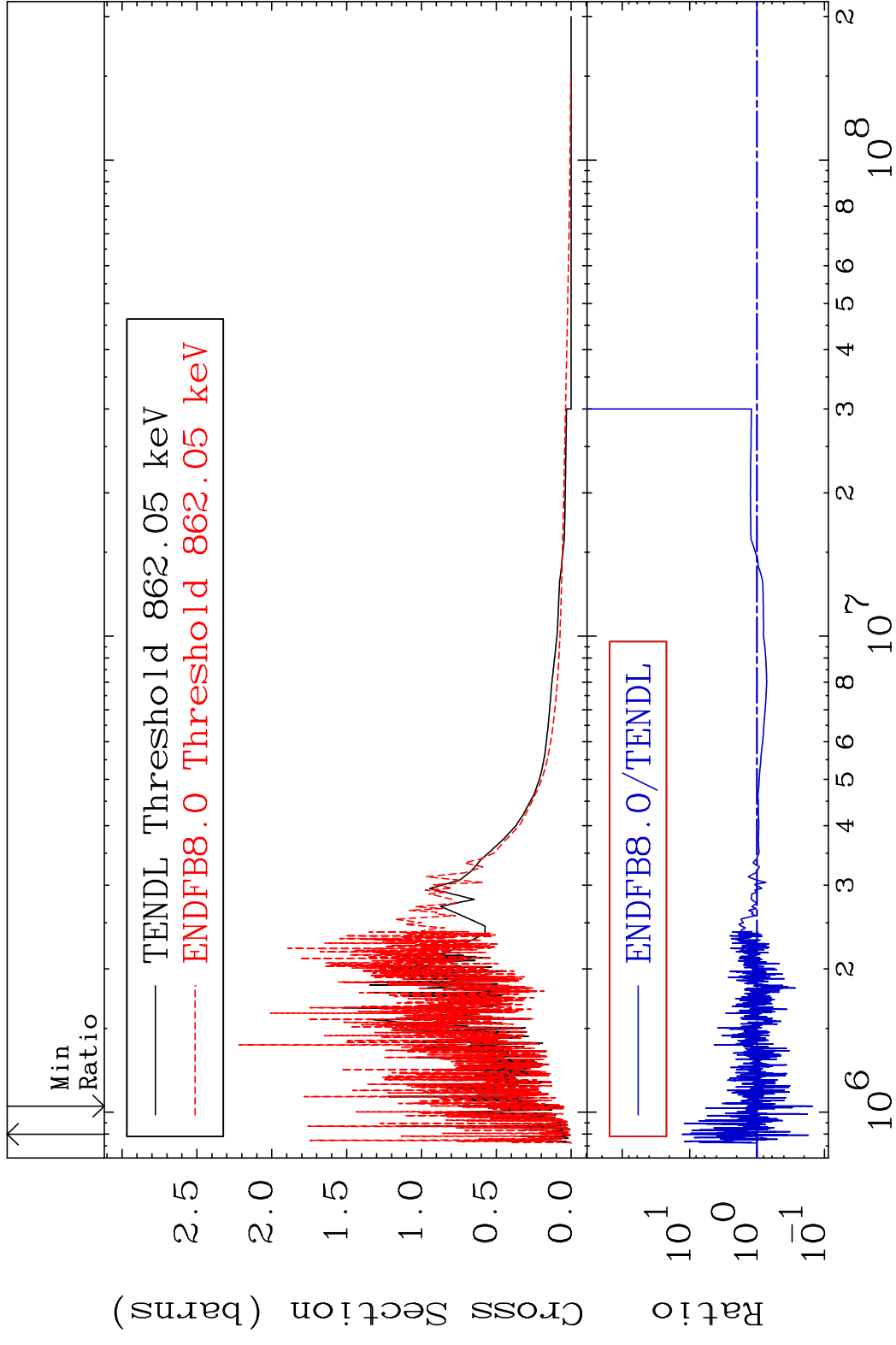
Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631 (n,2n) 26-Fe-56  
 Cross Section -92.77 To 35.40 %

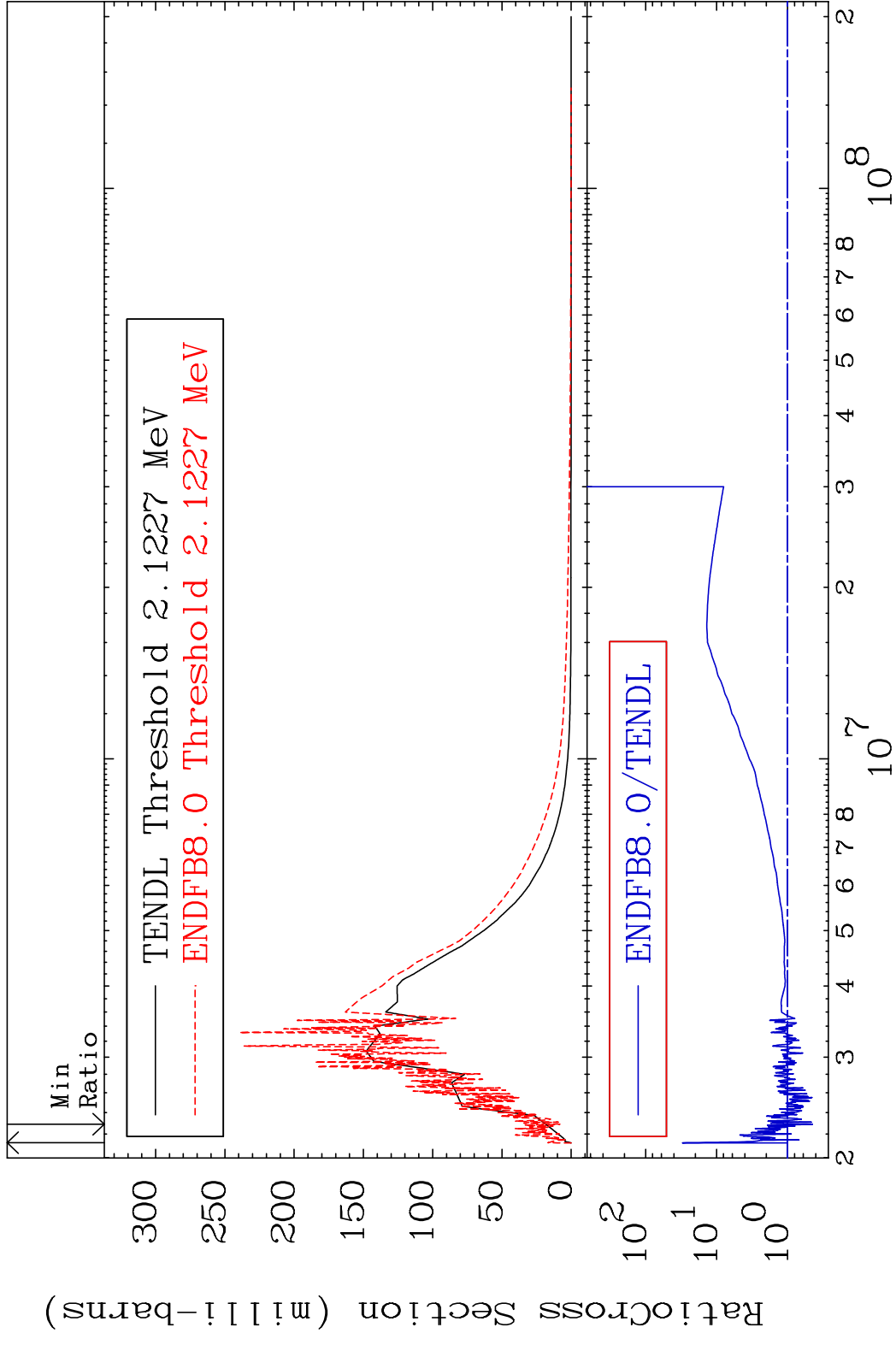


MAT 2631 MT= 51 (n,n') Level 26-Fe-56  
 Cross Section -85.01 To 1180. %



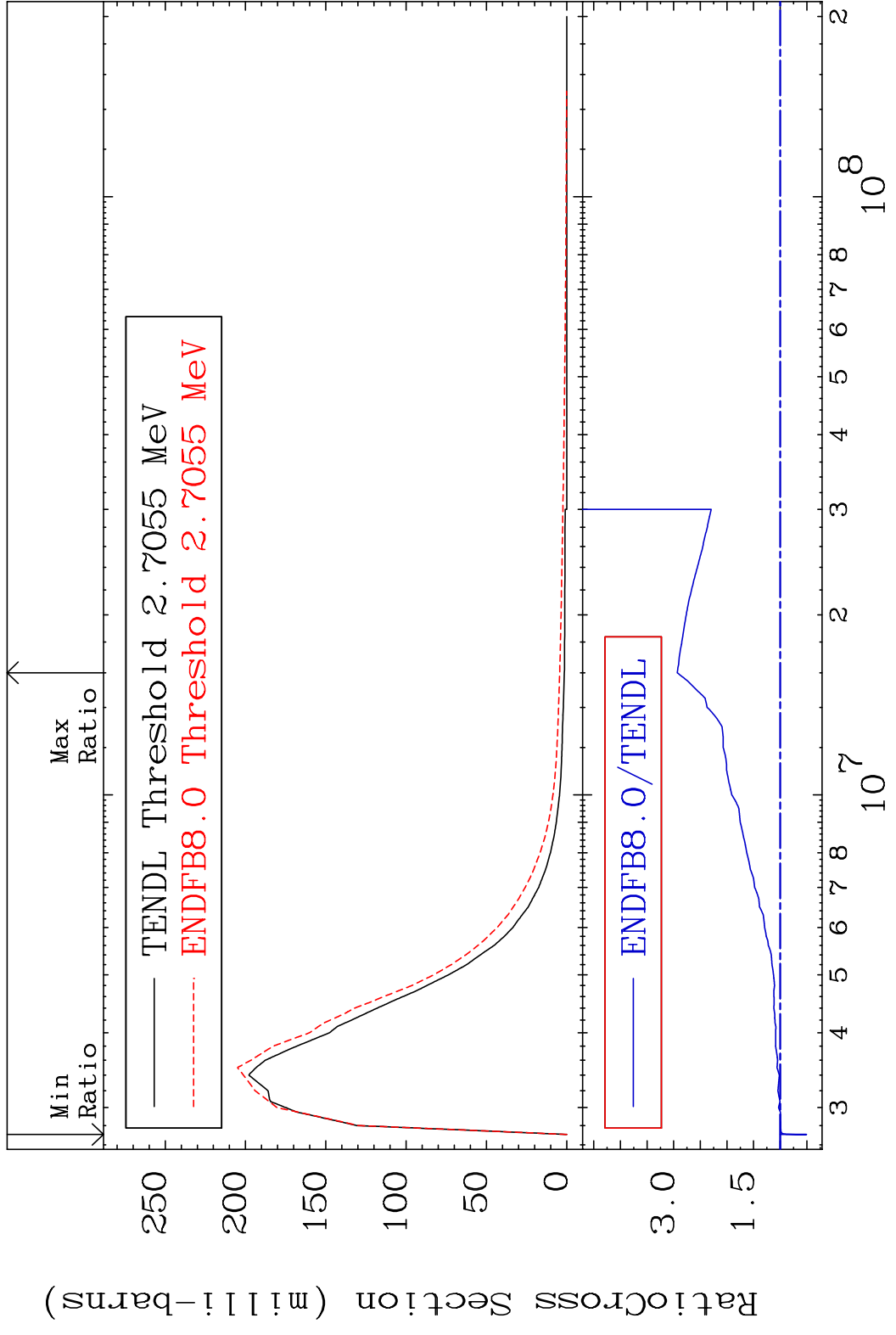
6 Incident Energy (eV) 26-Fe-56

MAT 2631 MT= 52 (n,n') Level 26-Fe-56  
 Cross Section -55.49 To 2945. %



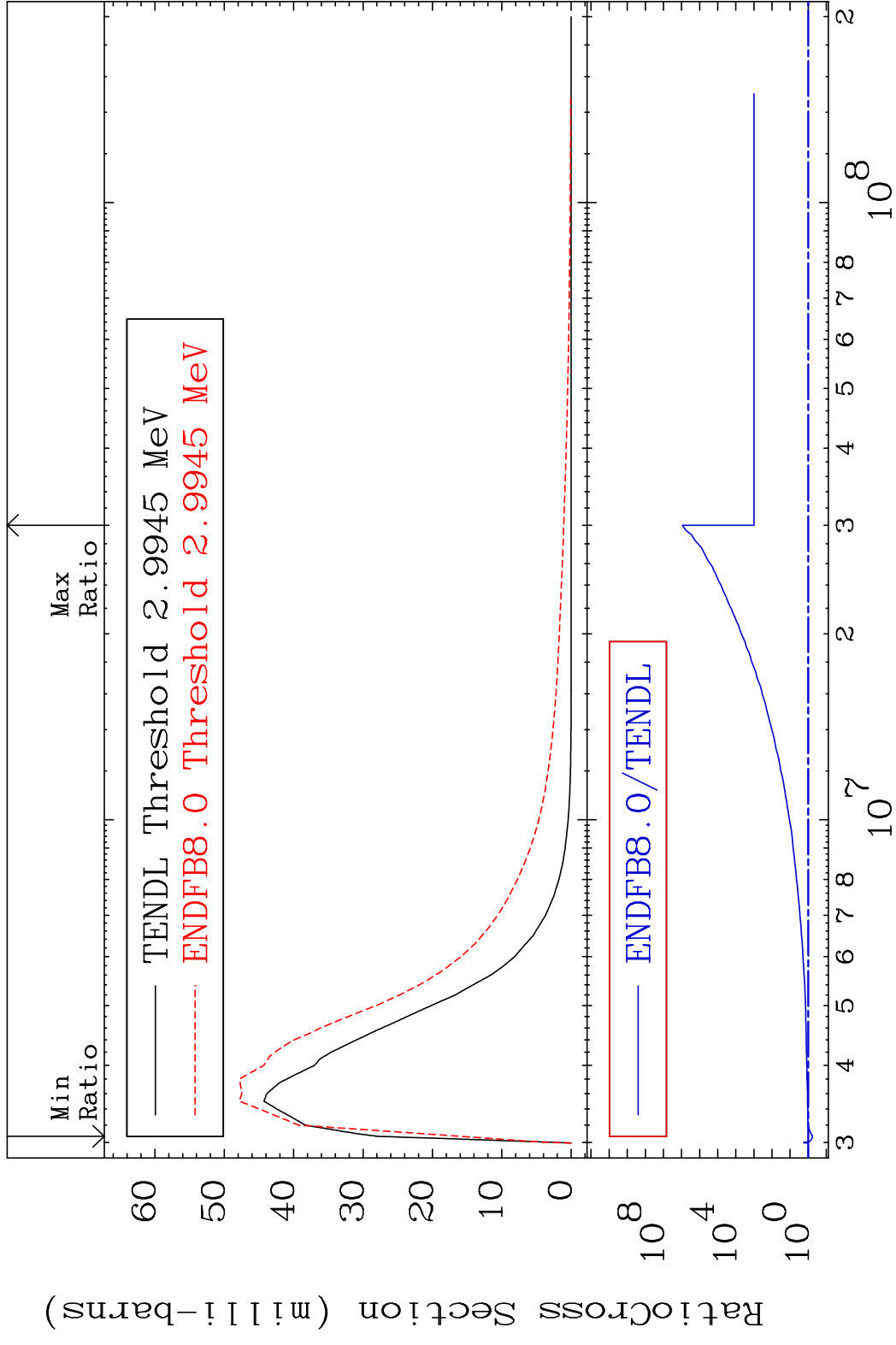


MAT 2631 MT= 53 (n, n') Level 26-Fe-56  
 Cross Section -49.20 To 193.4 %

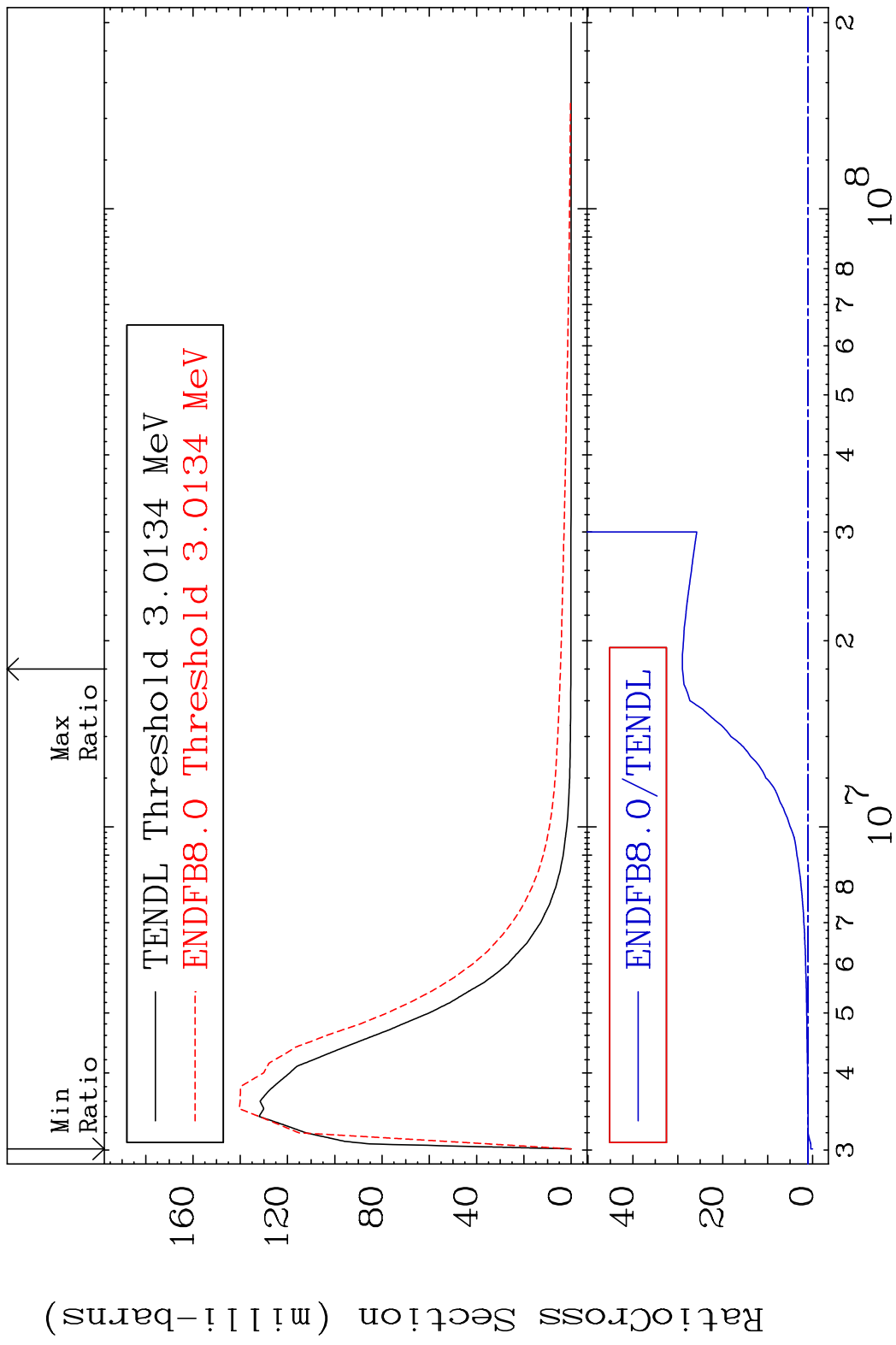


8 Incident Energy (eV) 26-Fe-56

MAT 2631 MT= 54 (n, n') Level 26-Fe-56  
 Cross Section -42.56 To 9999. %

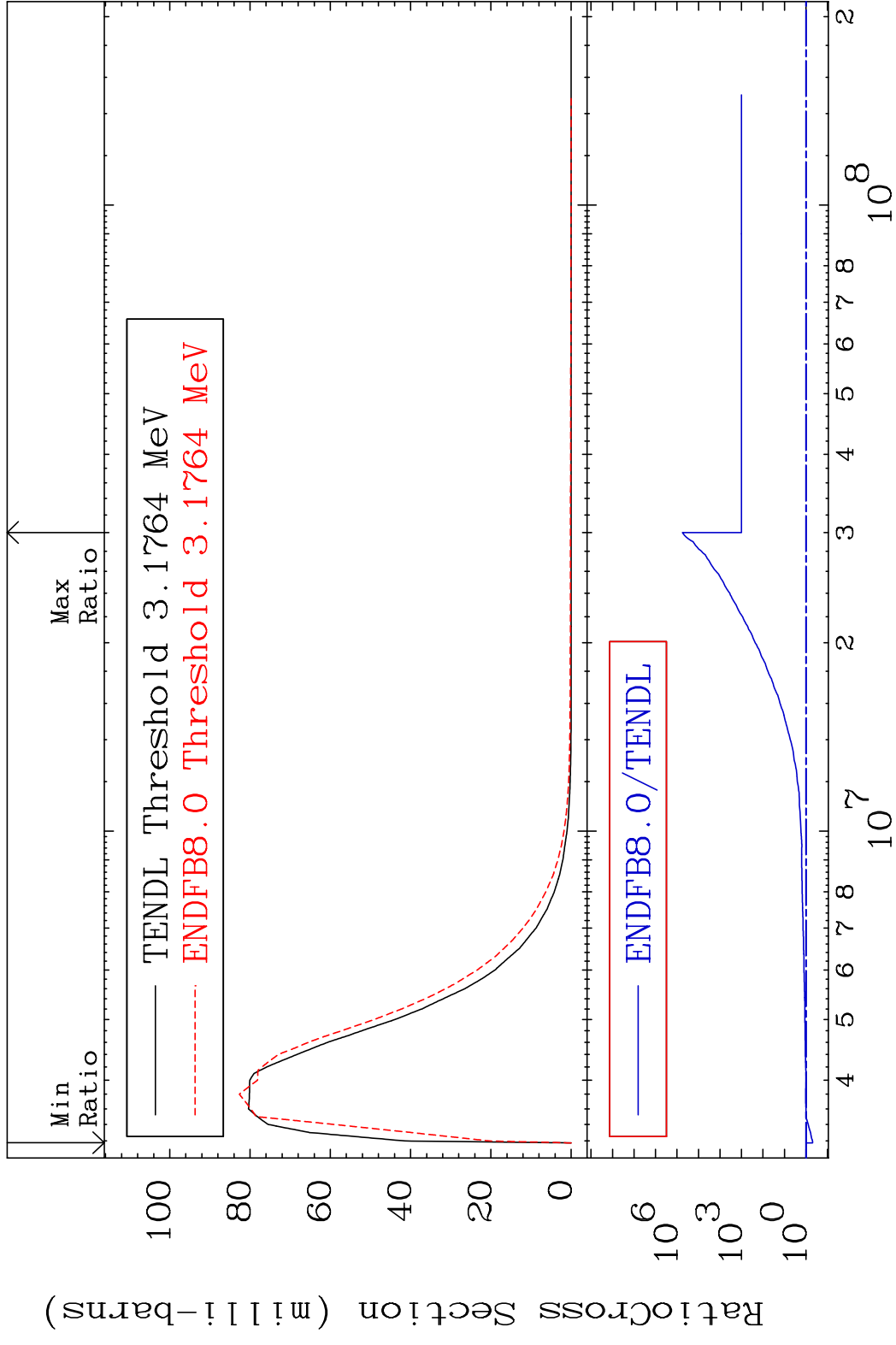


MAT 2631 MT= 55 (n, n') Level 26-Fe-56  
 Cross Section -100.0 To 2798. %

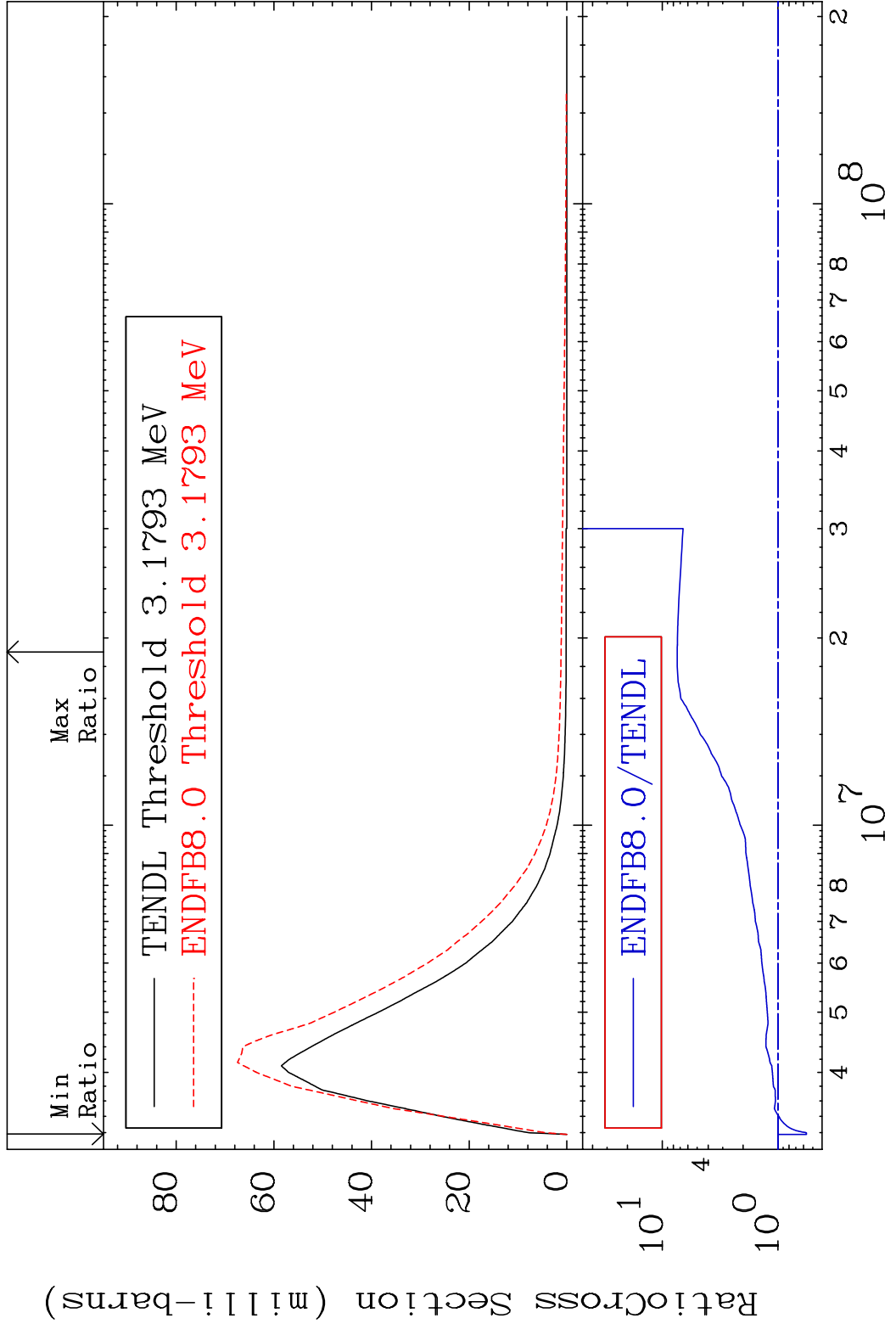


10 Incident Energy (eV) 26-Fe-56

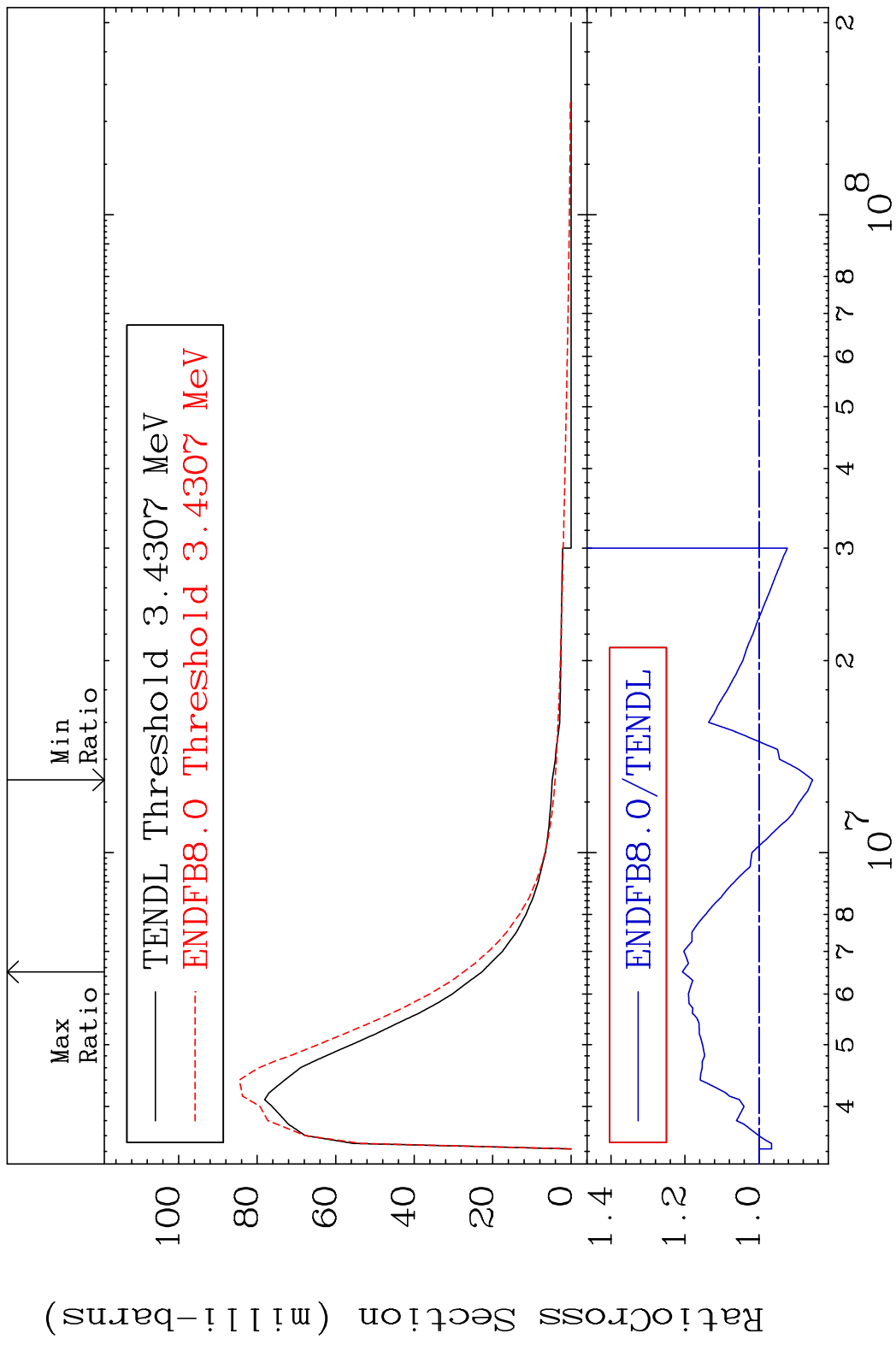
MAT 2631 MT= 56 (n, n') Level 26-Fe-56  
 Cross Section -50.72 To 9999. %



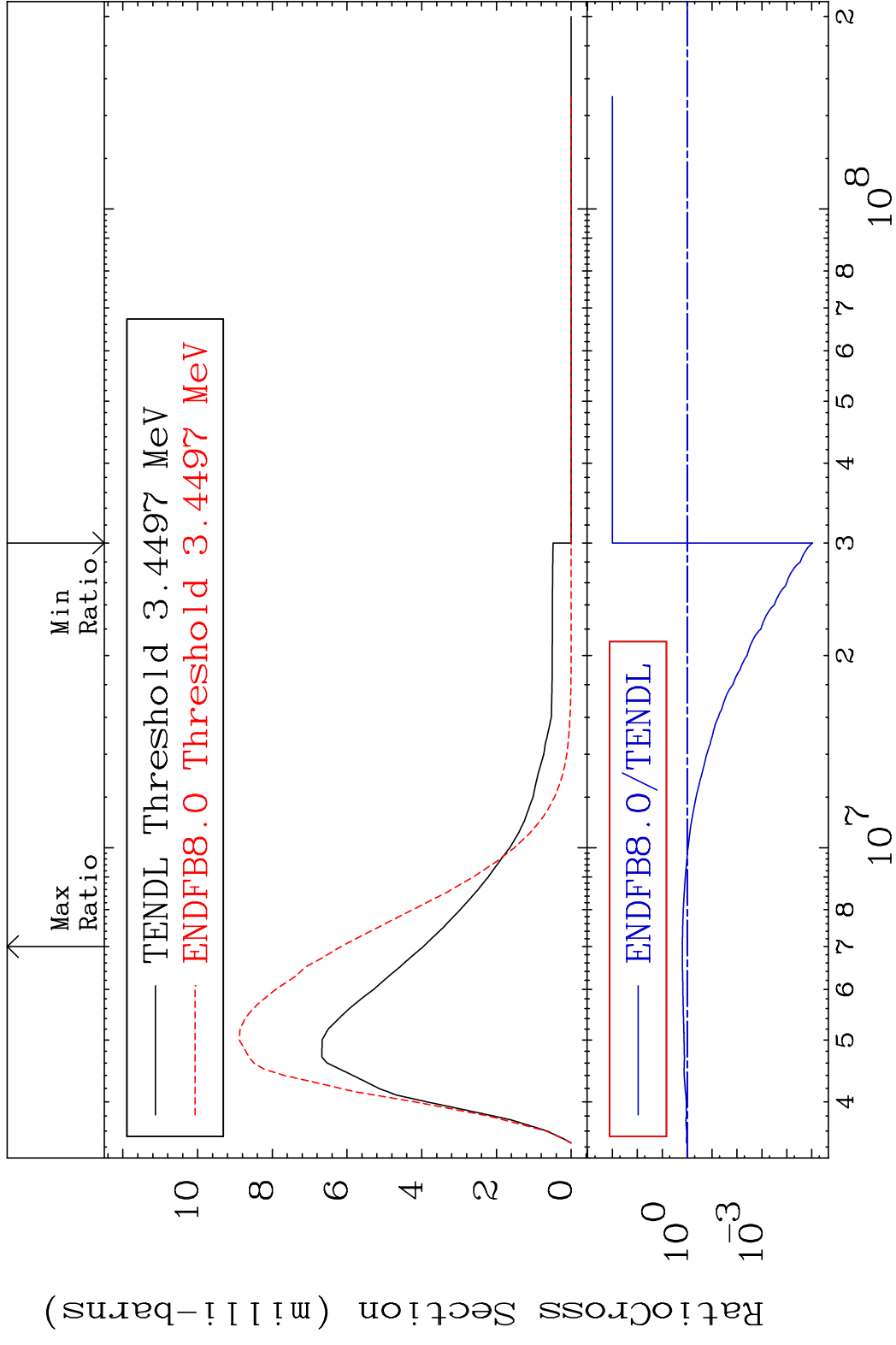
MAT 2631 MT= 57 (n, n') Level 26-Fe-56  
 Cross Section -43.29 To 642.7 %



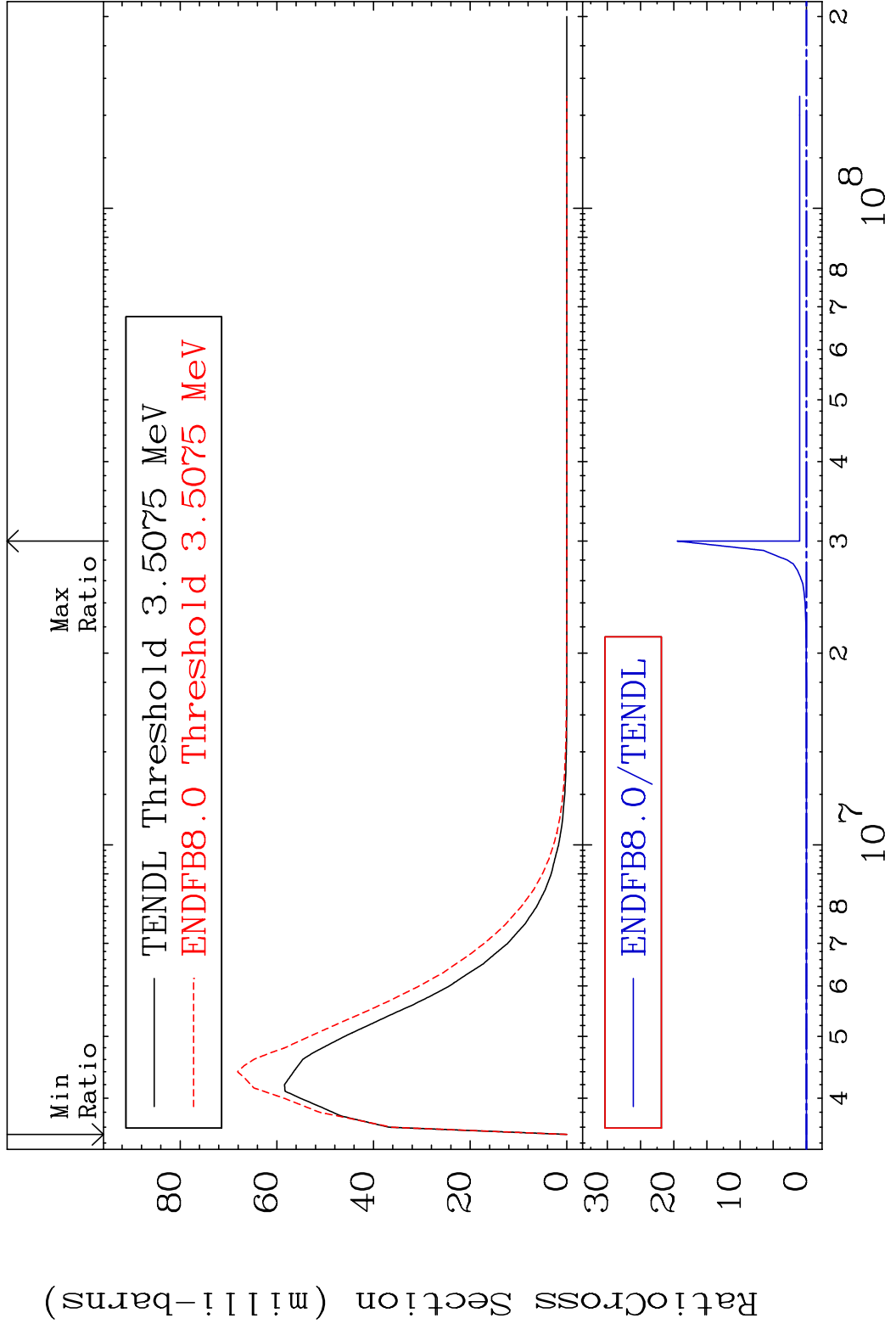
MAT 2631 MT= 58 (n,n') Level 26-Fe-56  
 Cross Section -14.50 To 20.71 %



MAT 2631 MT= 59 (n, n') Level 26-Fe-56  
 Cross Section -100.0 To 55.71 %

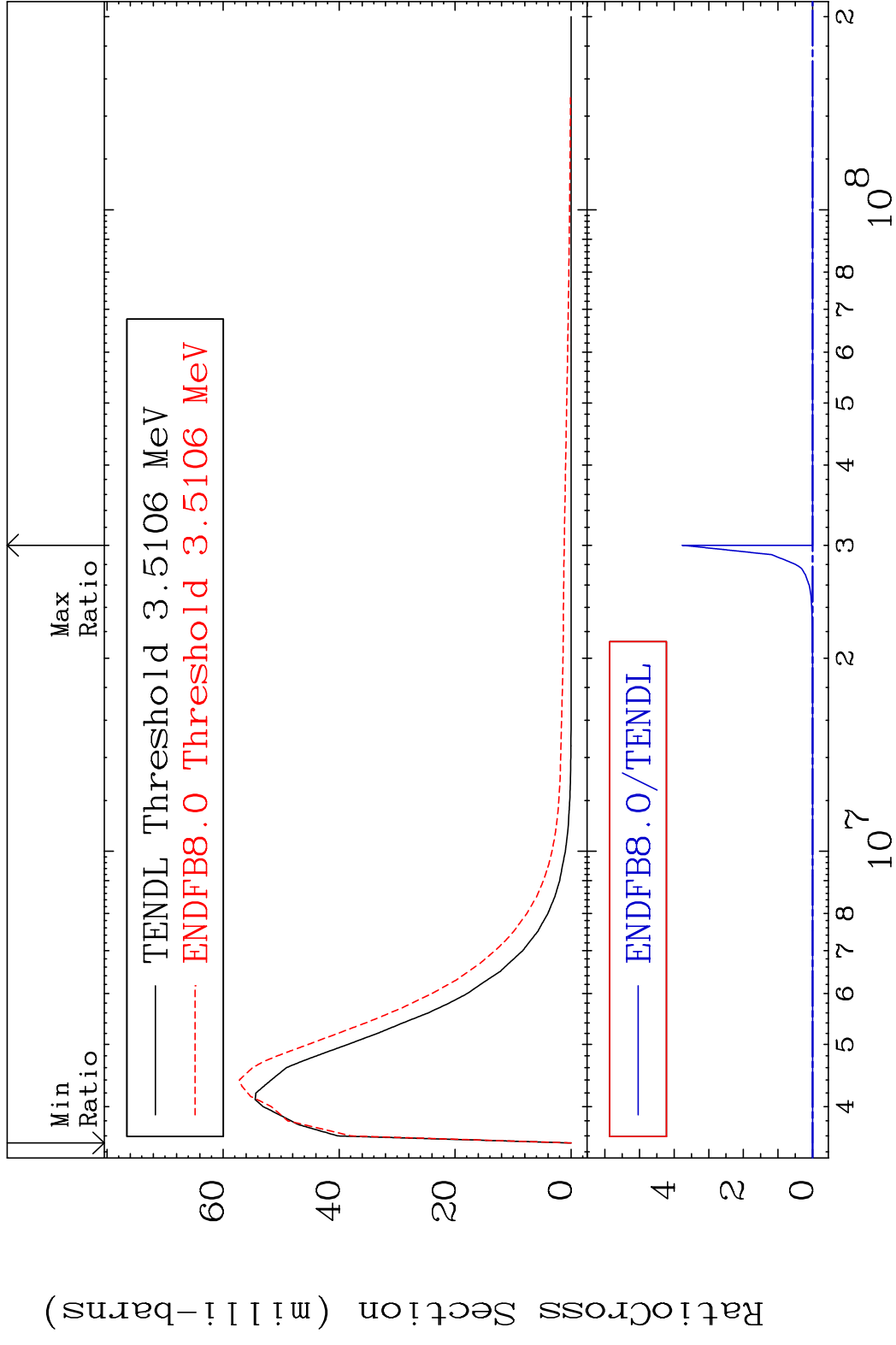


MAT 2631 MT= 60 (n, n') Level 26-Fe-56  
 Cross Section -100.0 To 9999. %

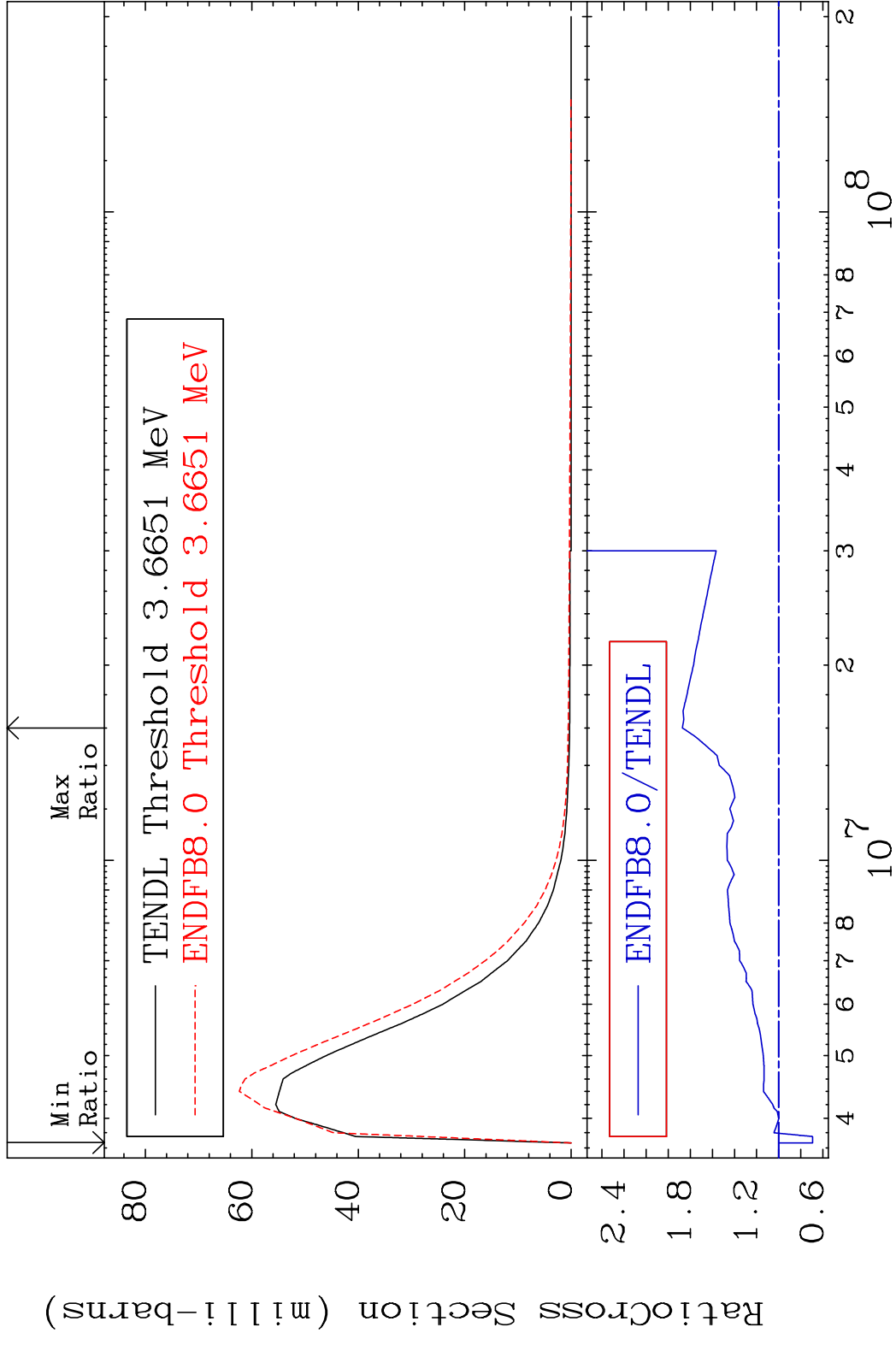




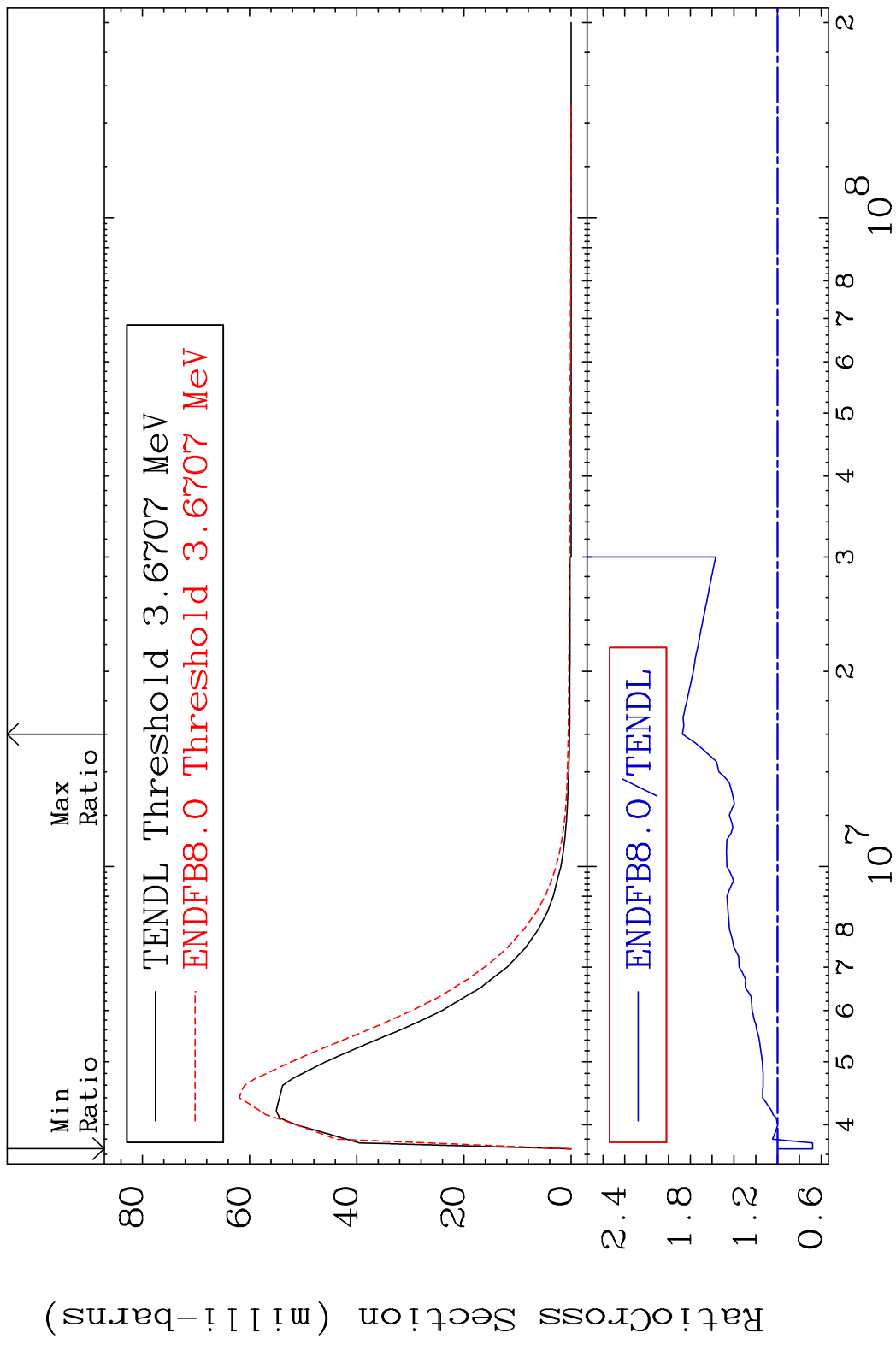
MAT 2631 MT= 61 (n, n') Level 26-Fe-56  
 Cross Section -100.0 To 9999. %



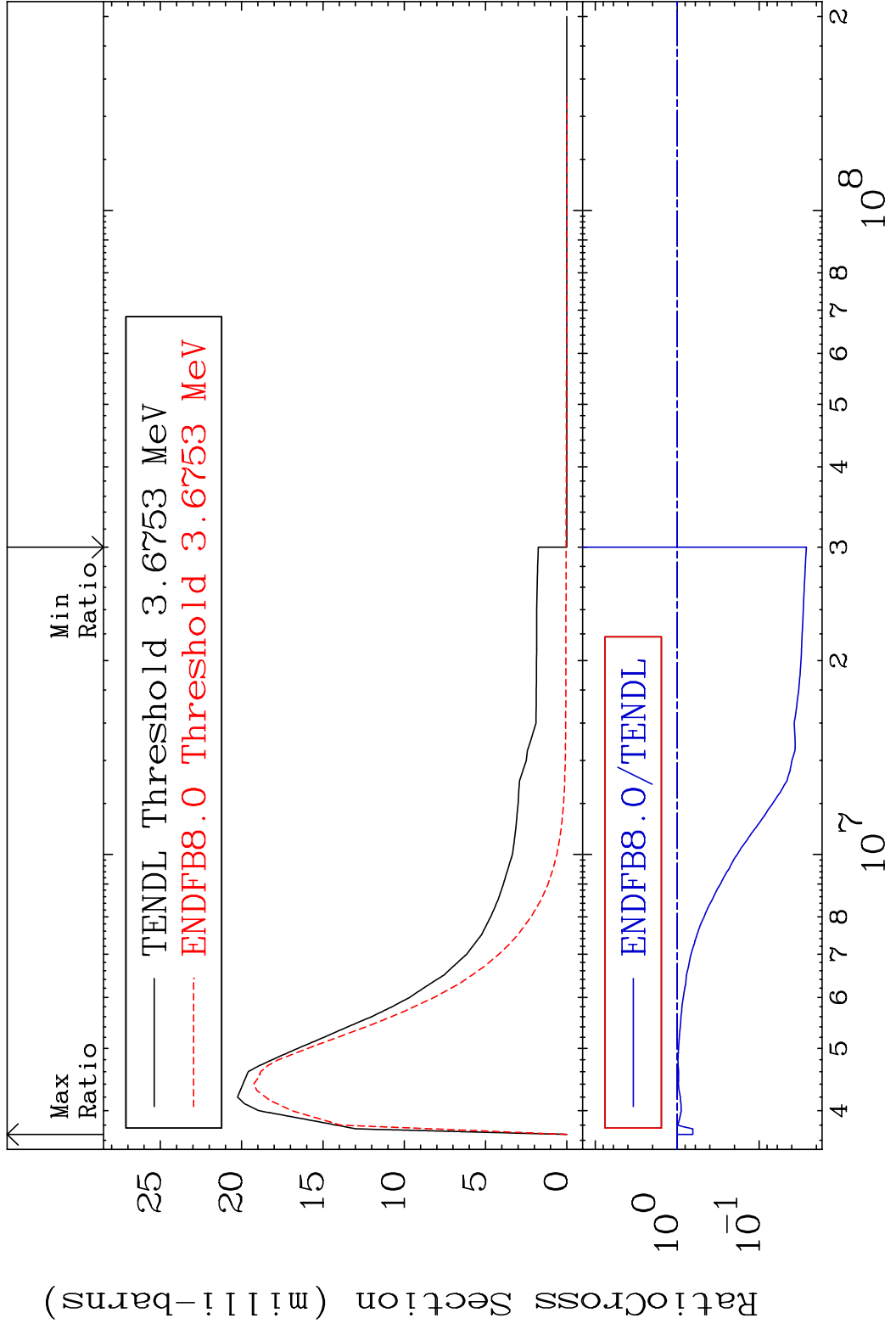
MAT 2631 MT= 62 (n, n') Level 26-Fe-56  
 Cross Section -30.64 To 87.20 %



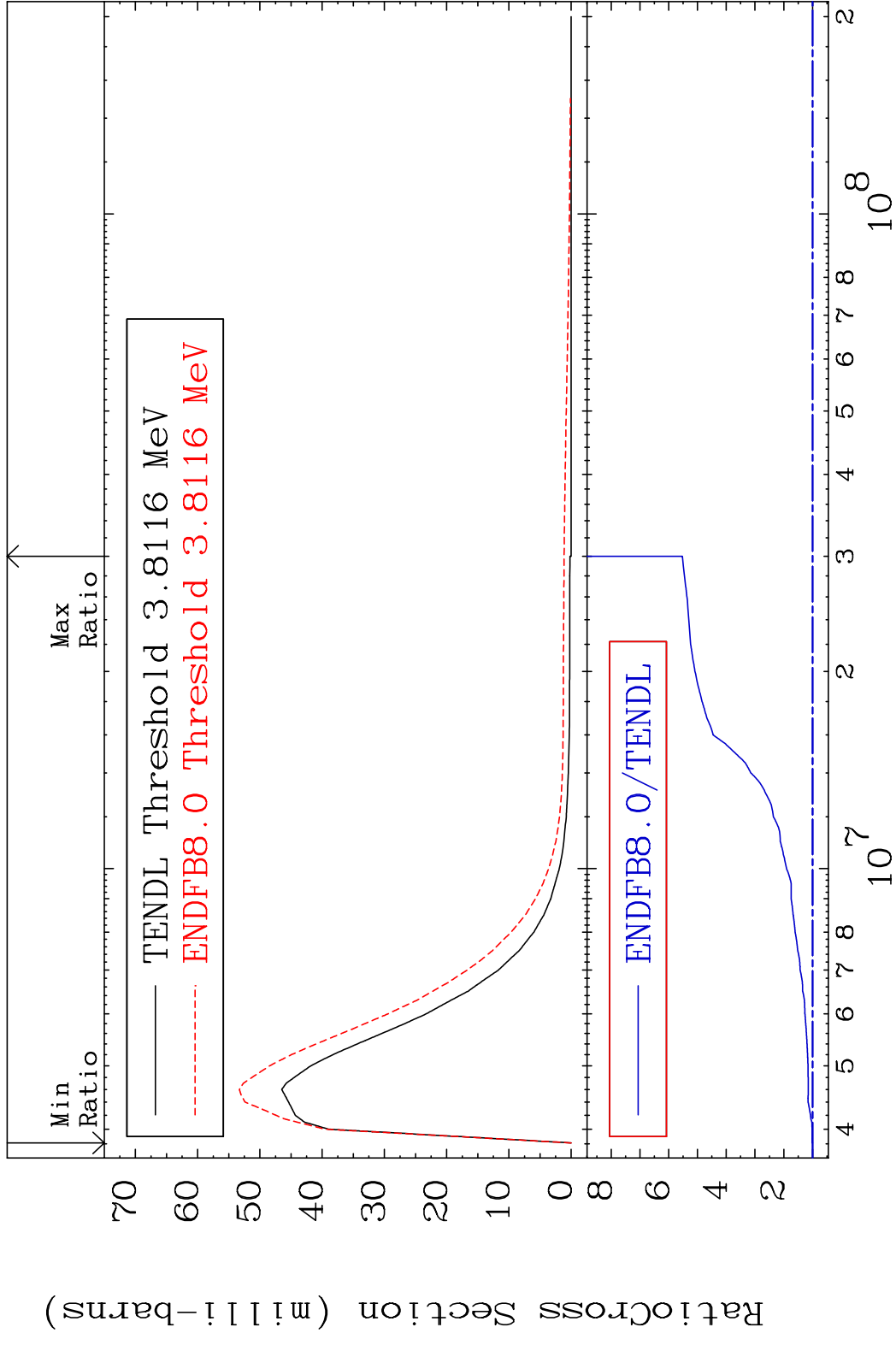
MAT 2631 MT= 63 (n, n') Level 26-Fe-56  
 Cross Section -32.02 To 87.24 %



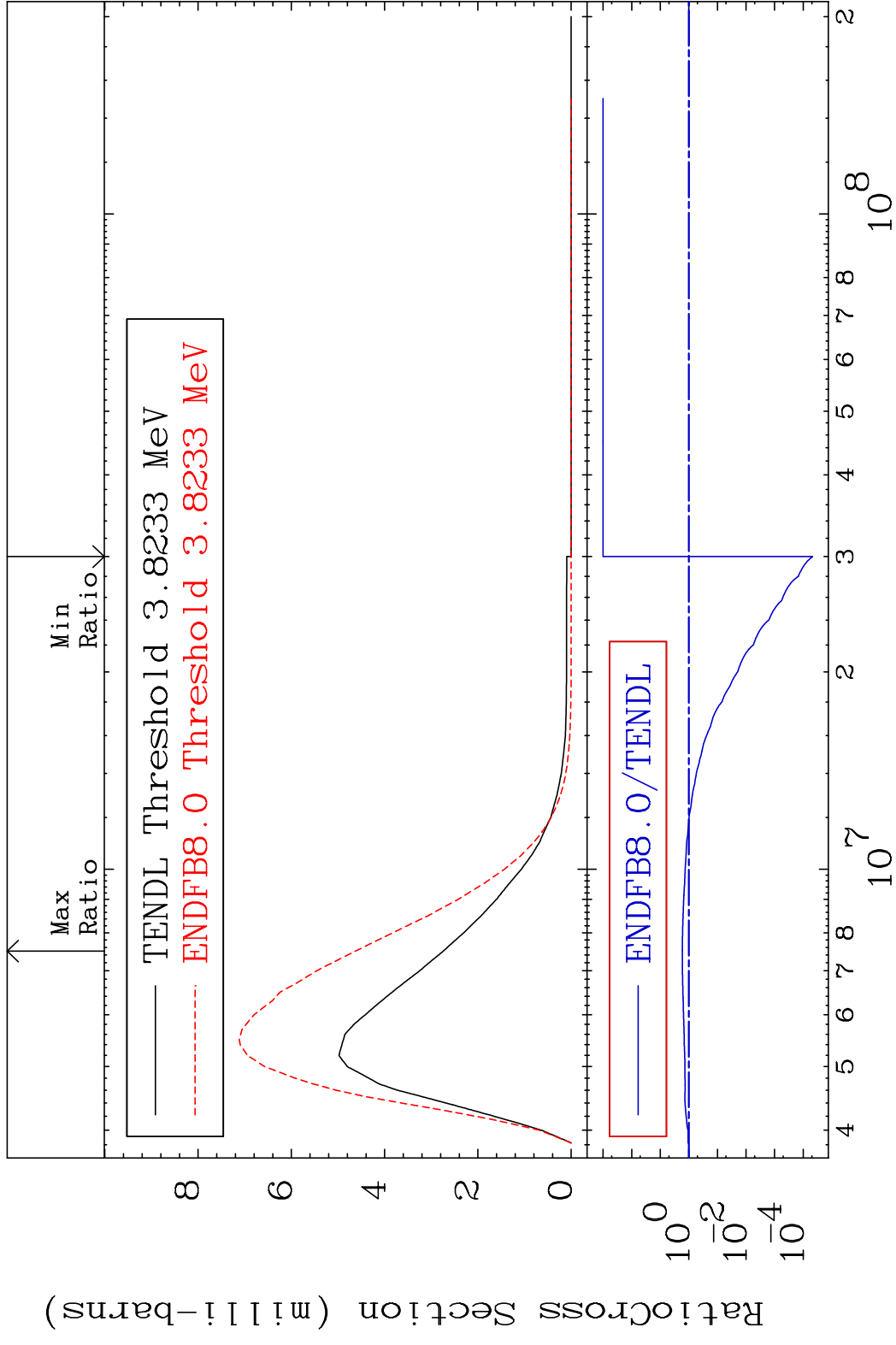
MAT 2631 MT= 64 (n, n') Level 26-Fe-56  
 Cross Section -97.35 To 0.000 %



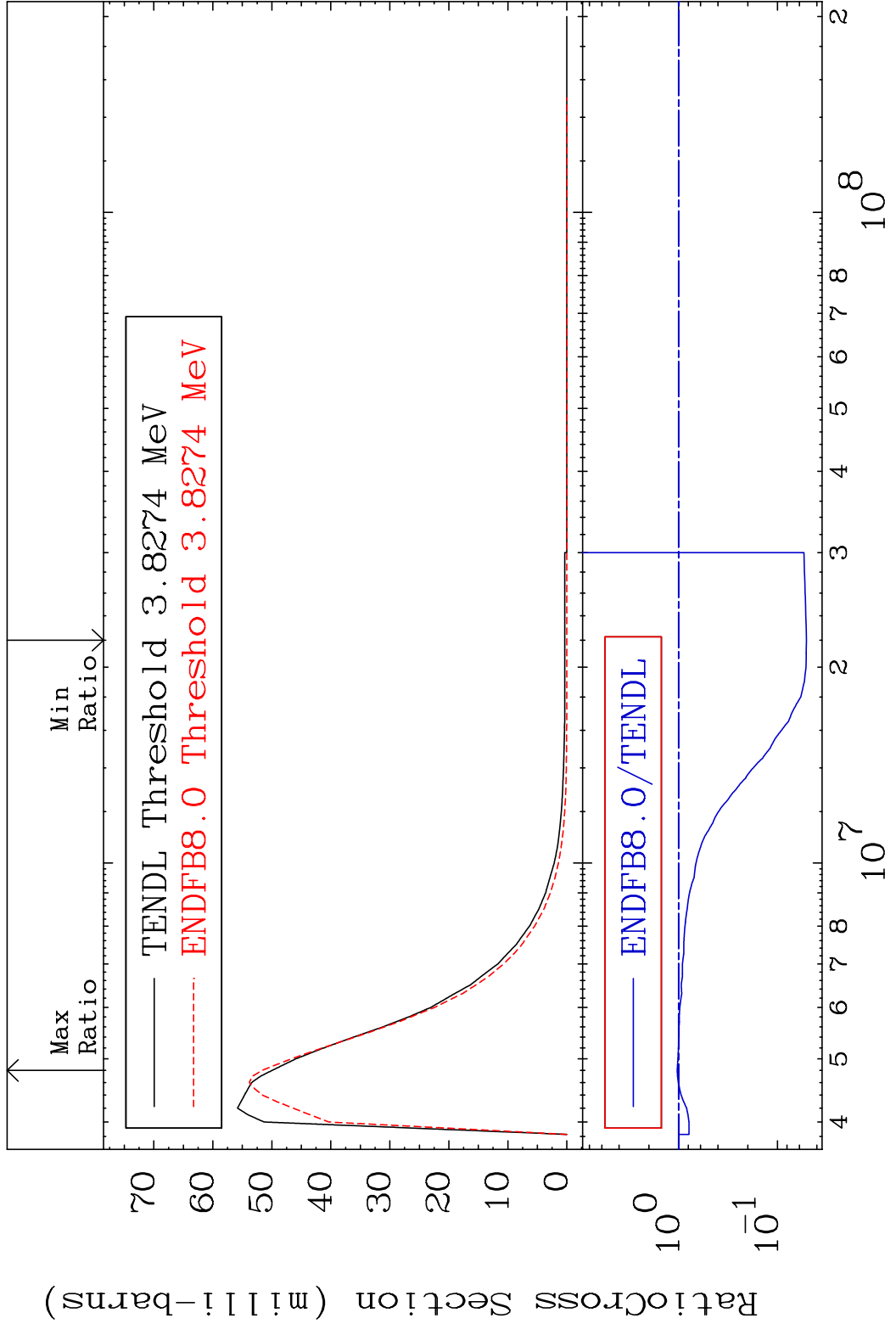
MAT 2631 MT= 65 (n, n') Level 26-Fe-56  
 Cross Section 0.000 To 452.5 %



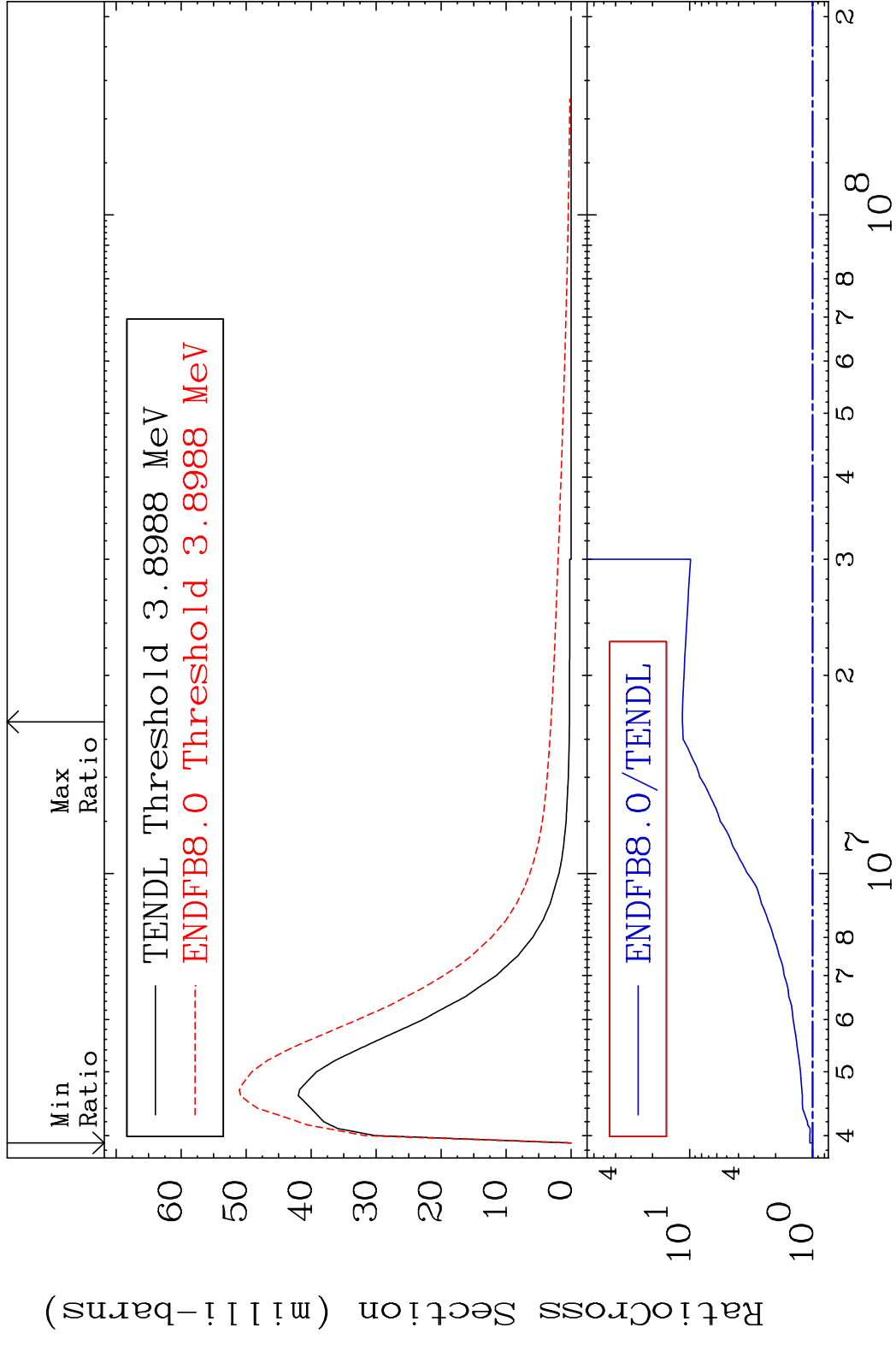
MAT 2631 MT= 66 (n, n') Level 26-Fe-56  
 Cross Section -100.0 To 68.59 %



MAT 2631 MT= 67 (n, n') Level 26-Fe-56  
 Cross Section -94.90 To 3.464 %

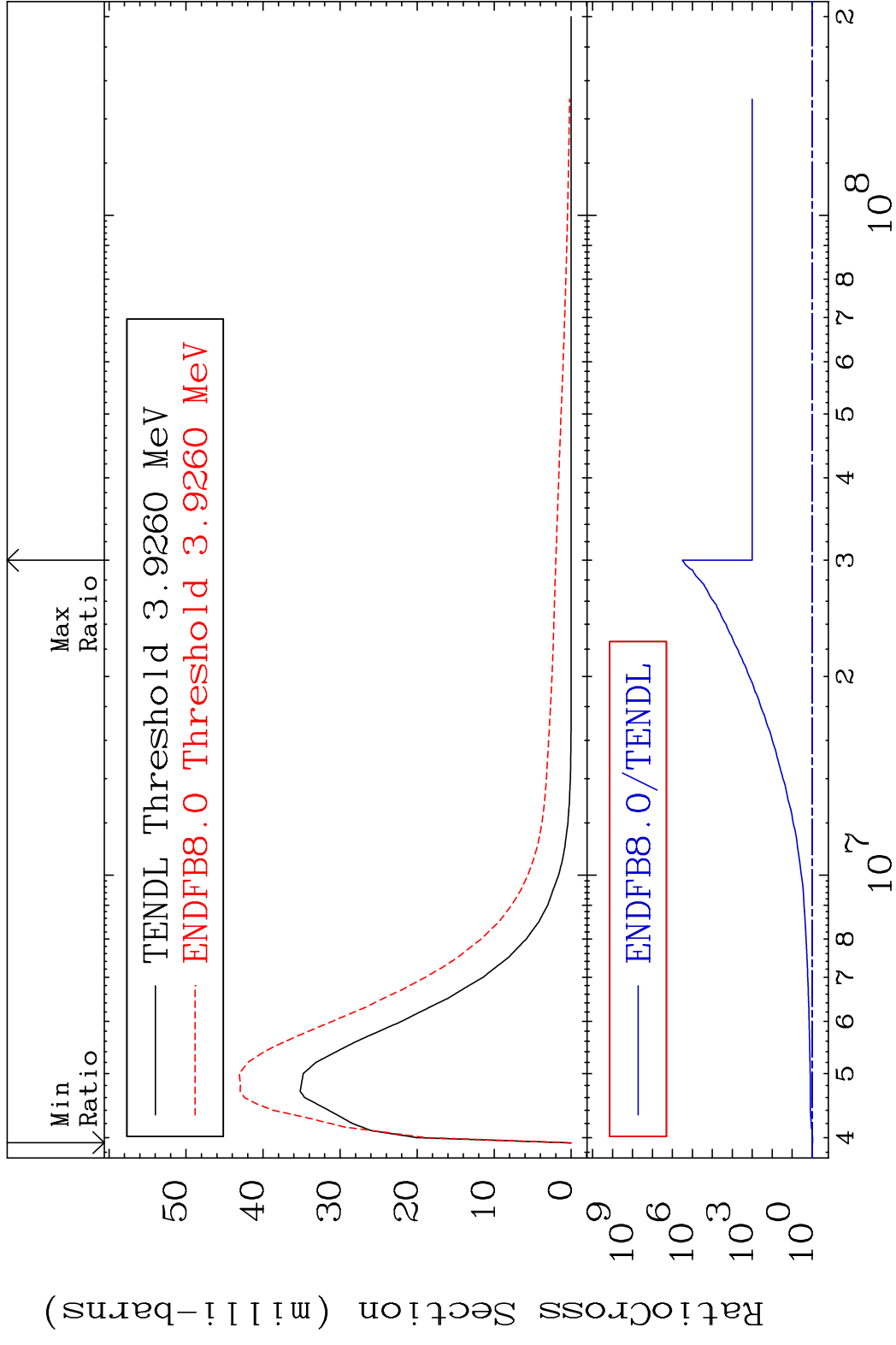


MAT 2631 MT= 68 (n,n') Level 26-Fe-56  
 Cross Section 0.000 To 1046. %

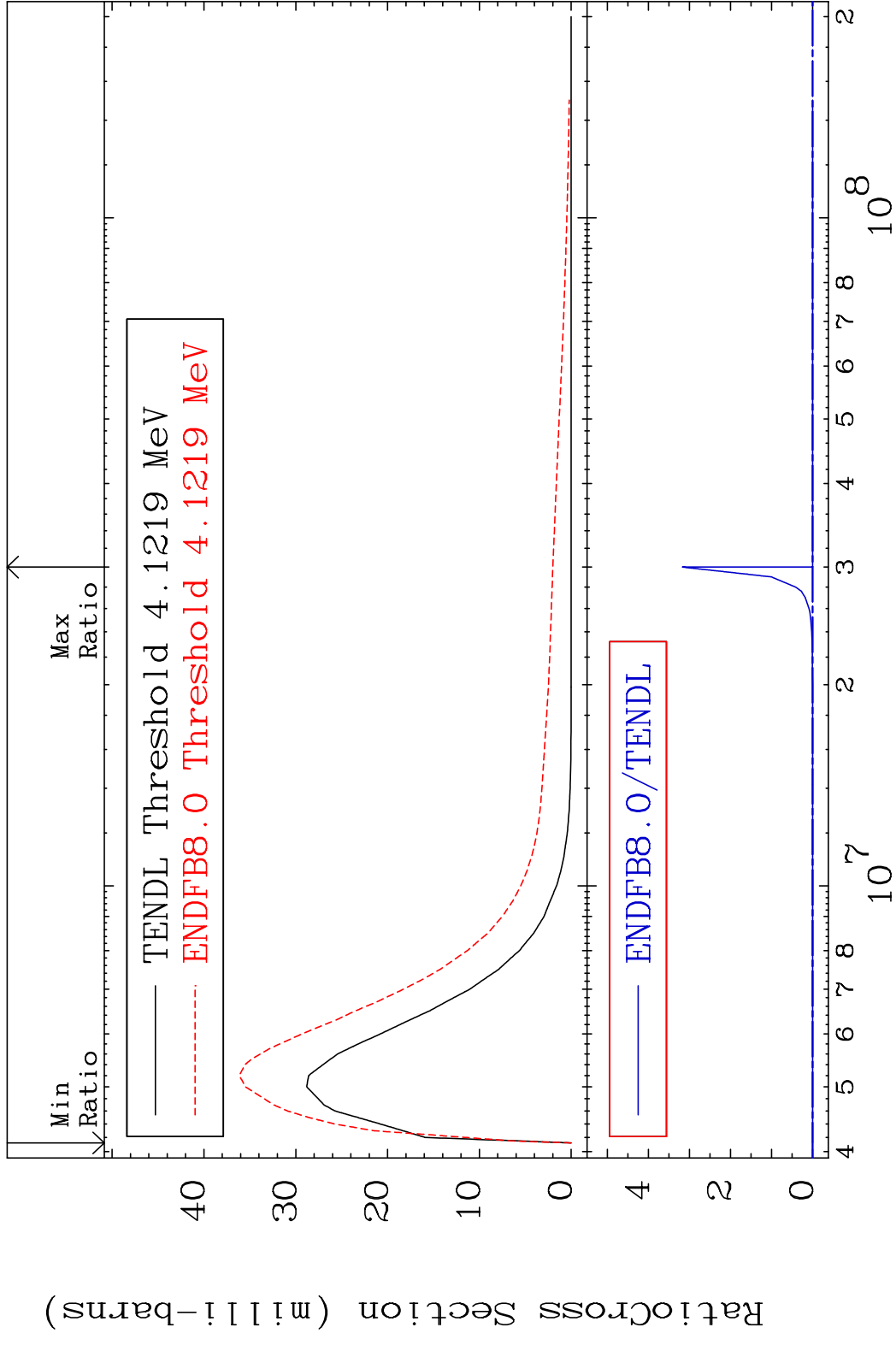




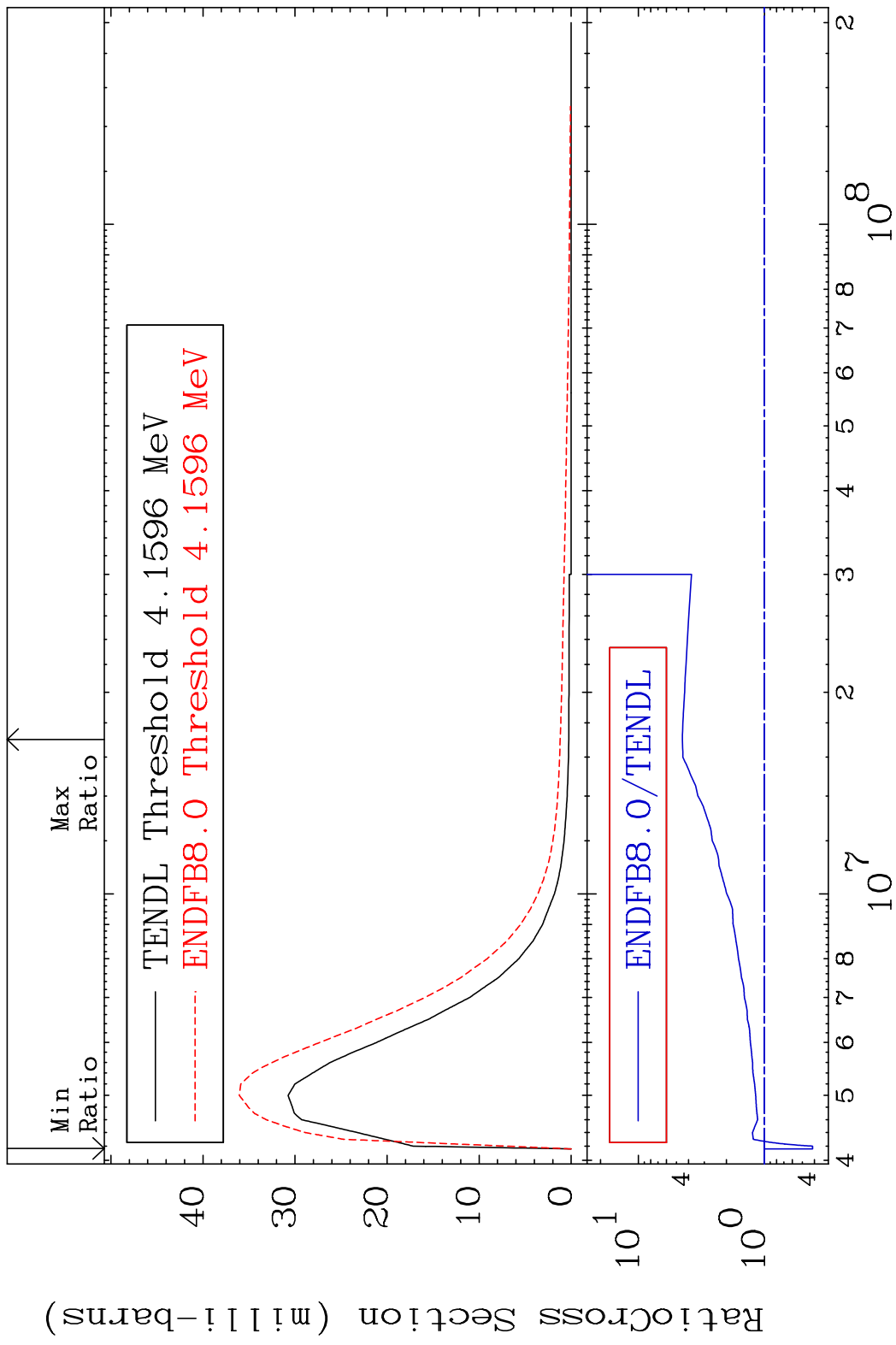
MAT 2631 MT= 69 (n, n') Level 26-Fe-56  
 Cross Section -5.497 To 9999. %



MAT 2631 MT= 70 (n, n') Level 26-Fe-56  
 Cross Section -100.0 To 9999. %

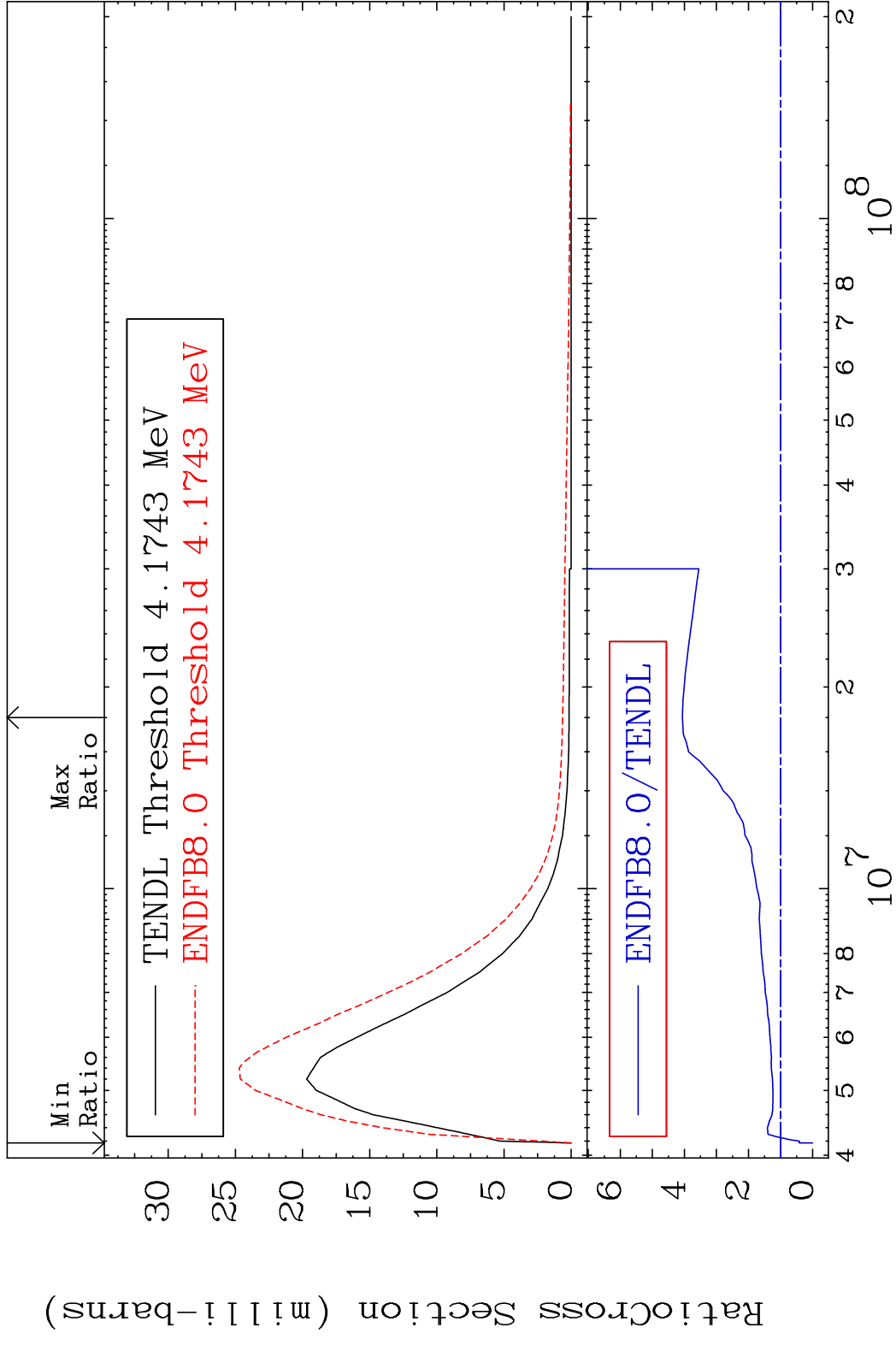


MAT 2631 MT= 71 (n, n') Level 26-Fe-56  
 Cross Section -58.56 To 348.1 %

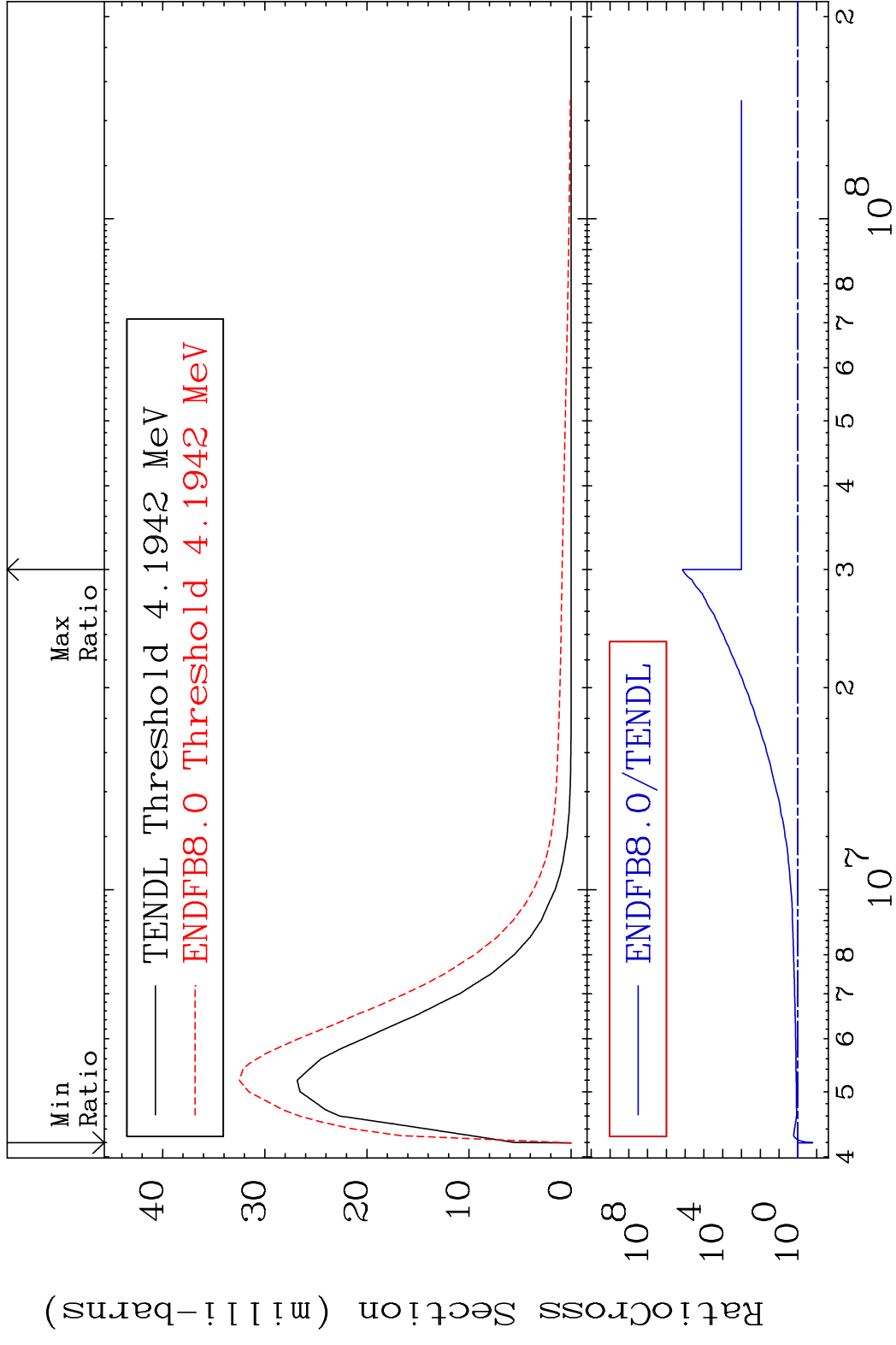


26 Incident Energy (eV) 26-Fe-56

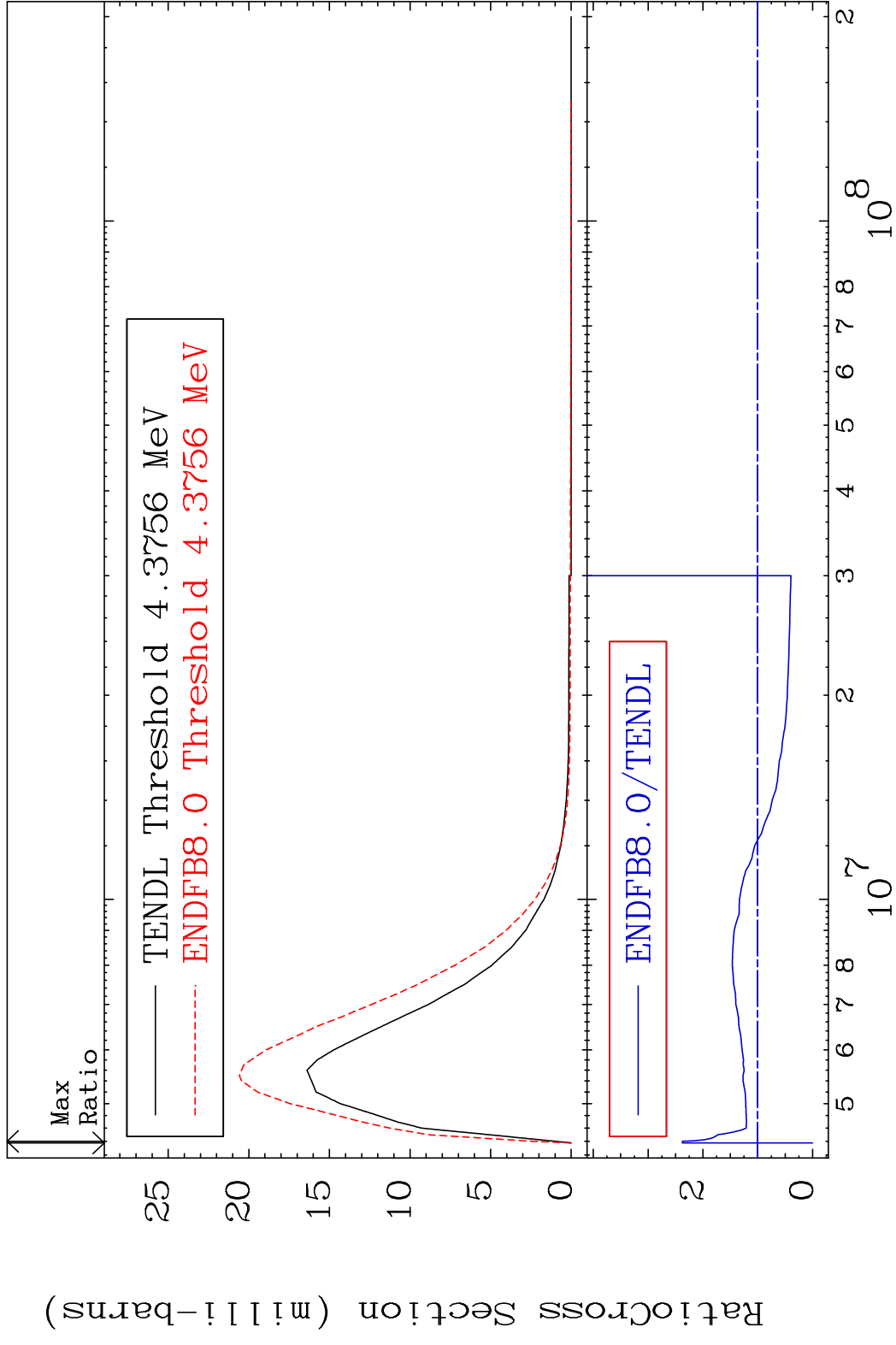
MAT 2631 MT= 72 (n, n') Level 26-Fe-56  
 Cross Section -100.0 To 306.4 %



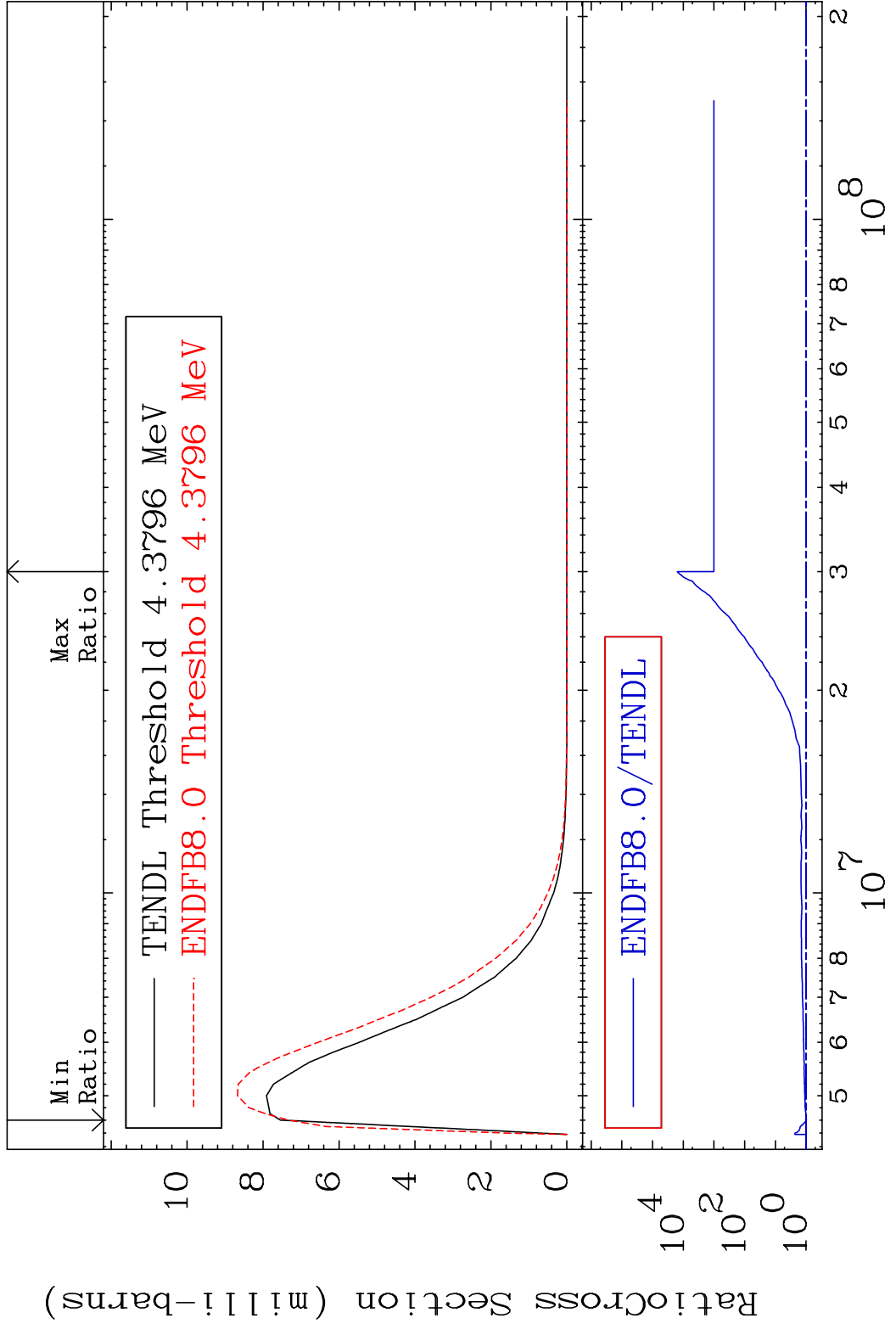
MAT 2631 MT= 73 (n, n') Level 26-Fe-56  
 Cross Section -83.54 To 9999. %



MAT 2631 MT= 74 (n, n') Level 26-Fe-56  
 Cross Section -100.0 To 137.5 %

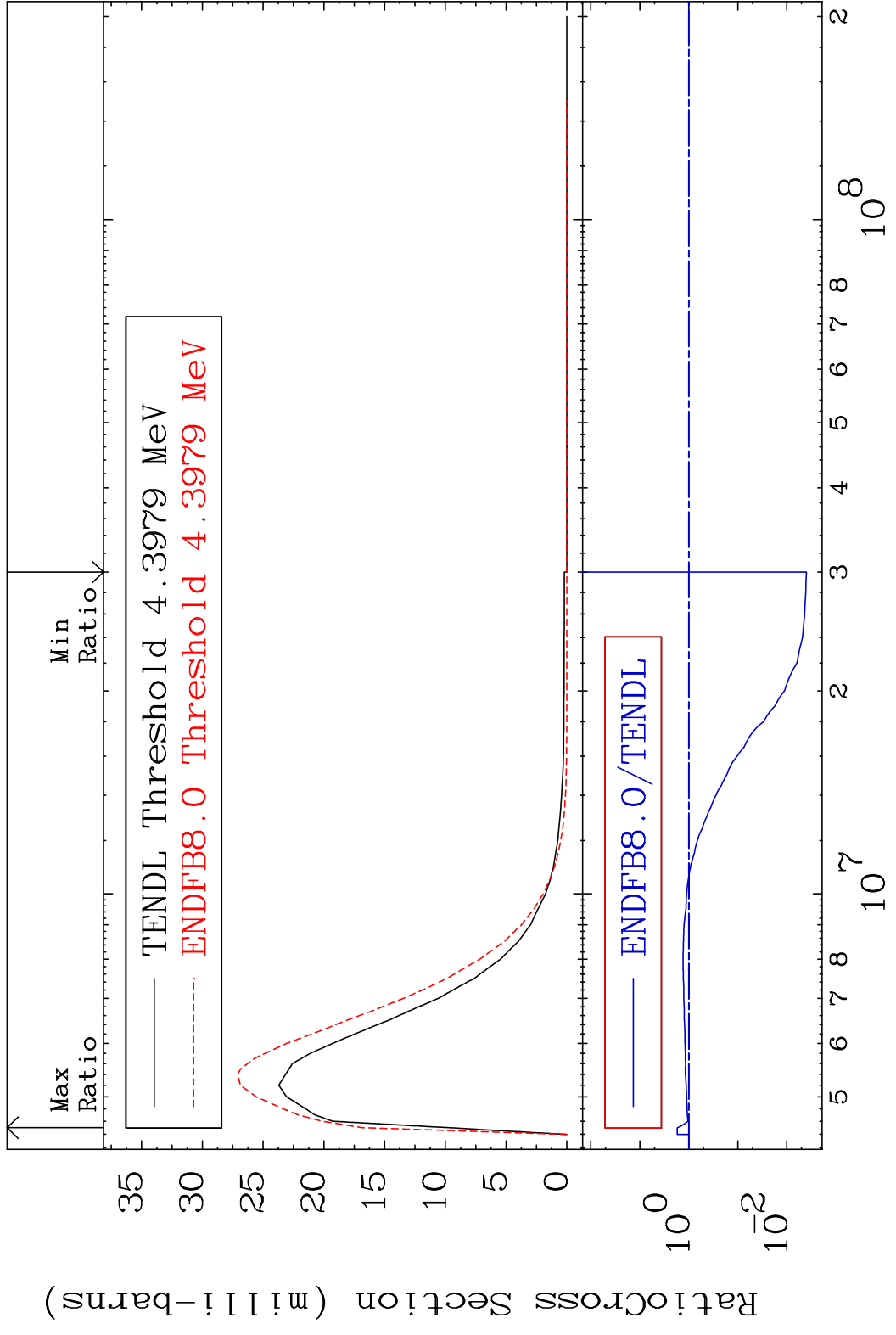


MAT 2631 MT= 75 (n, n') Level 26-Fe-56  
 Cross Section -2.673 To 9999. %



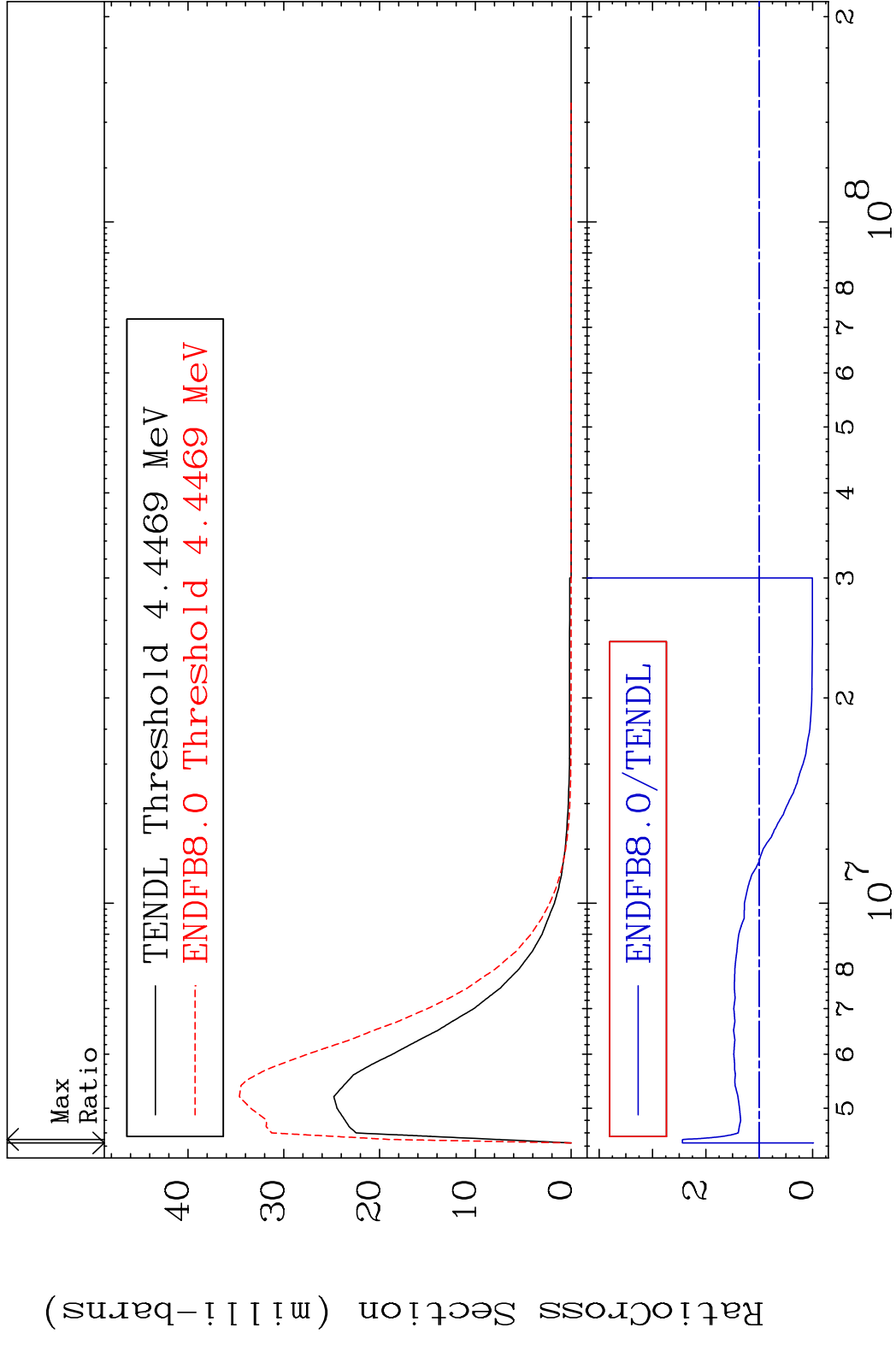
30 Incident Energy (eV) 26-Fe-56

MAT 2631 MT= 76 (n, n') Level 26-Fe-56  
 Cross Section -99.60 To 72.68 %

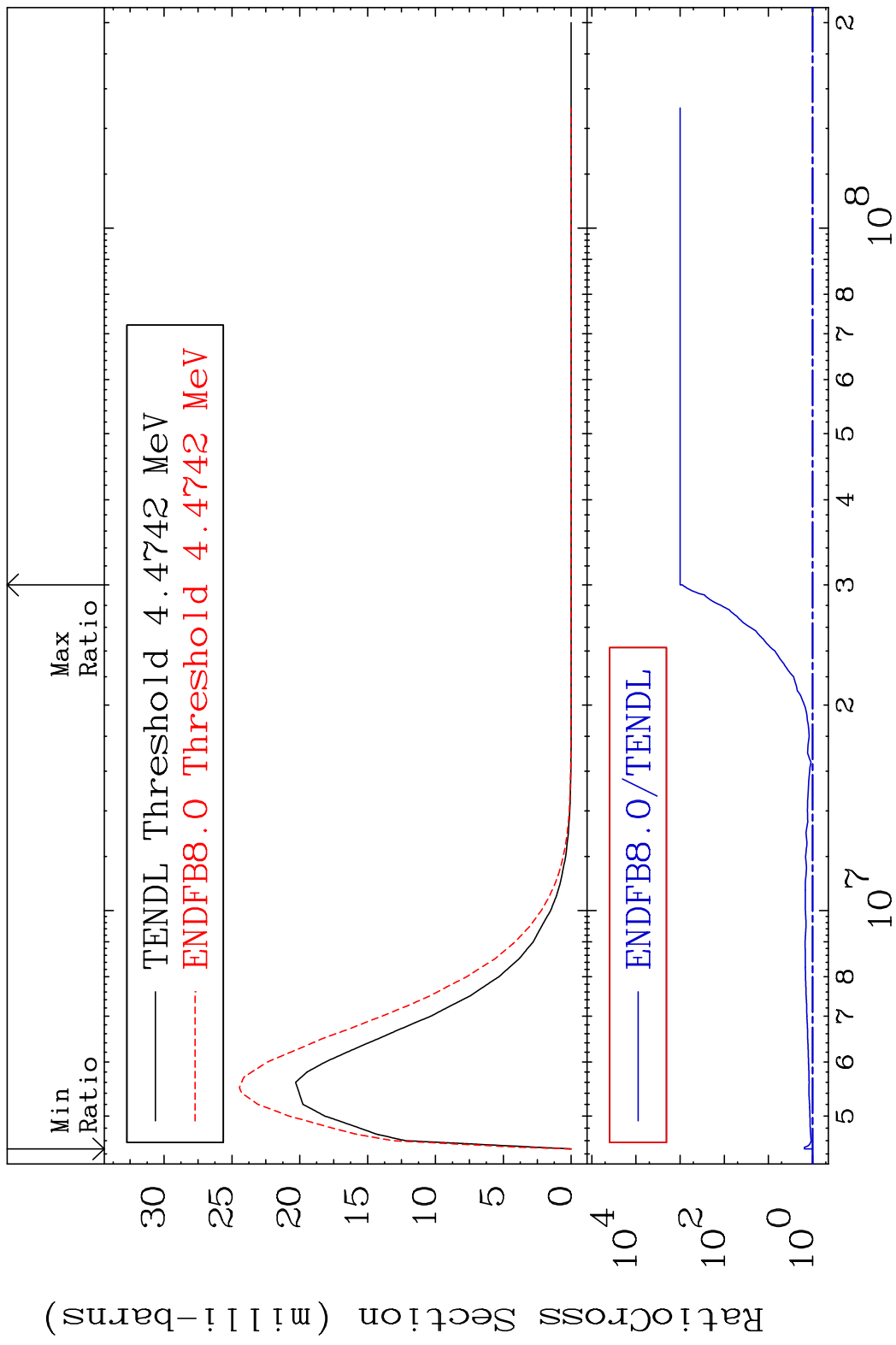




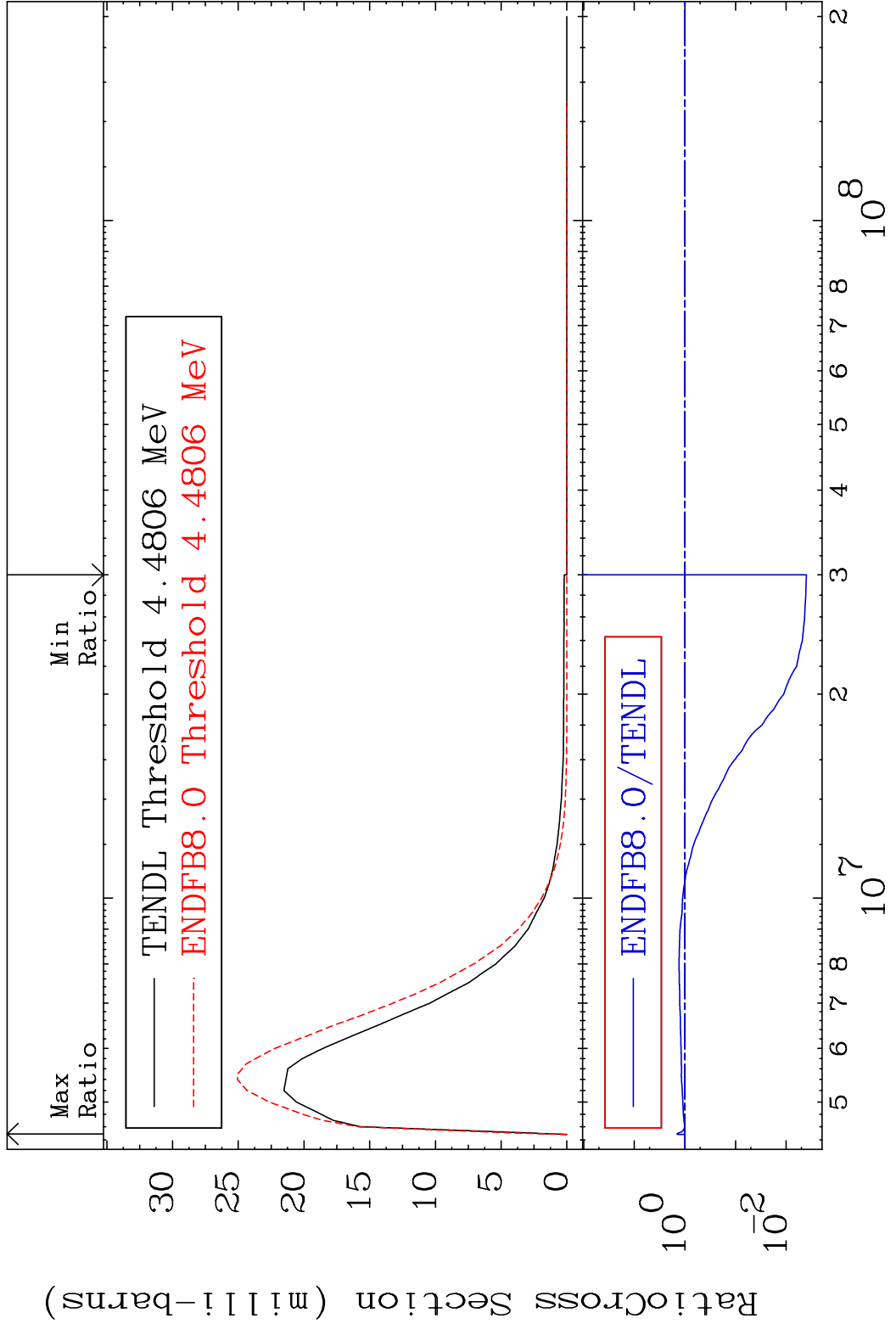
MAT 2631 MT= 77 (n,n') Level 26-Fe-56  
 Cross Section -100.0 To 144.0 %



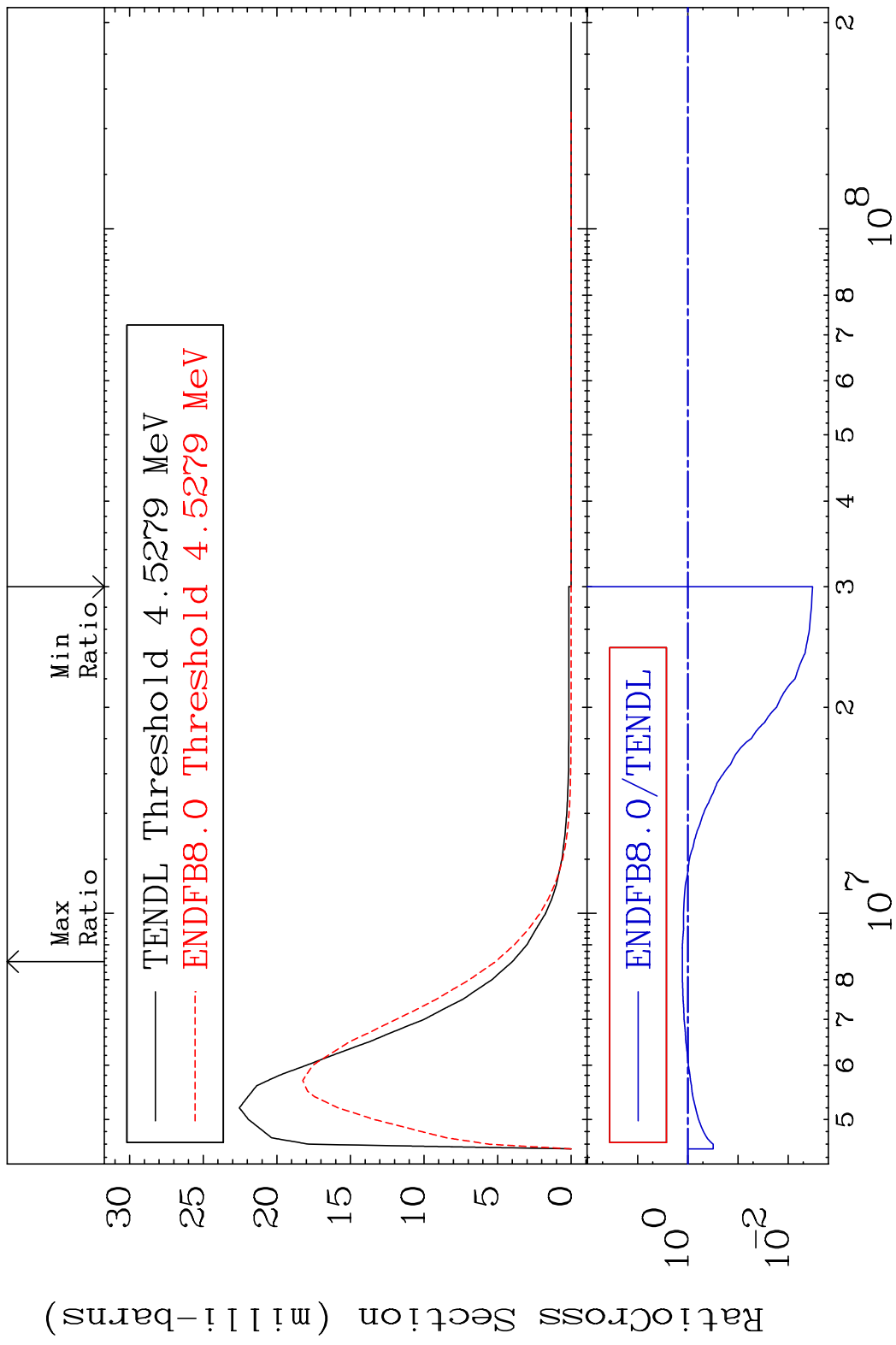
MAT 2631 MT= 78 (n, n') Level 26-Fe-56  
 Cross Section 0.000 To 9999. %



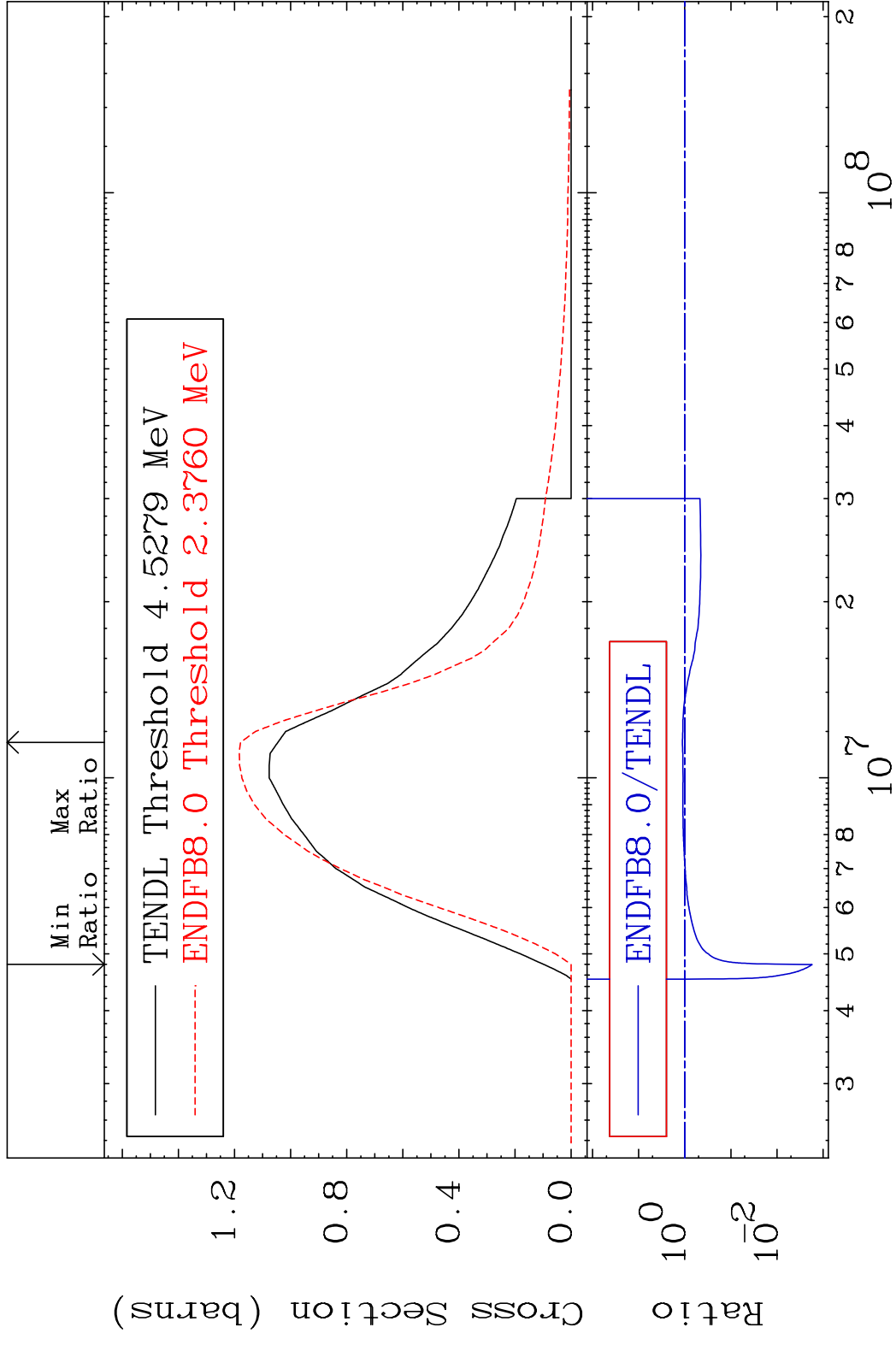
MAT 2631 MT= 79 (n, n') Level 26-Fe-56  
 Cross Section -99.60 To 42.30 %



MAT 2631 MT= 80 (n, n') Level 26-Fe-56  
 Cross Section -99.67 To 28.58 %



MAT 2631 (n, n') Continuum <sup>26</sup>Fe-56  
 Cross Section -99.83 To 12.71 %



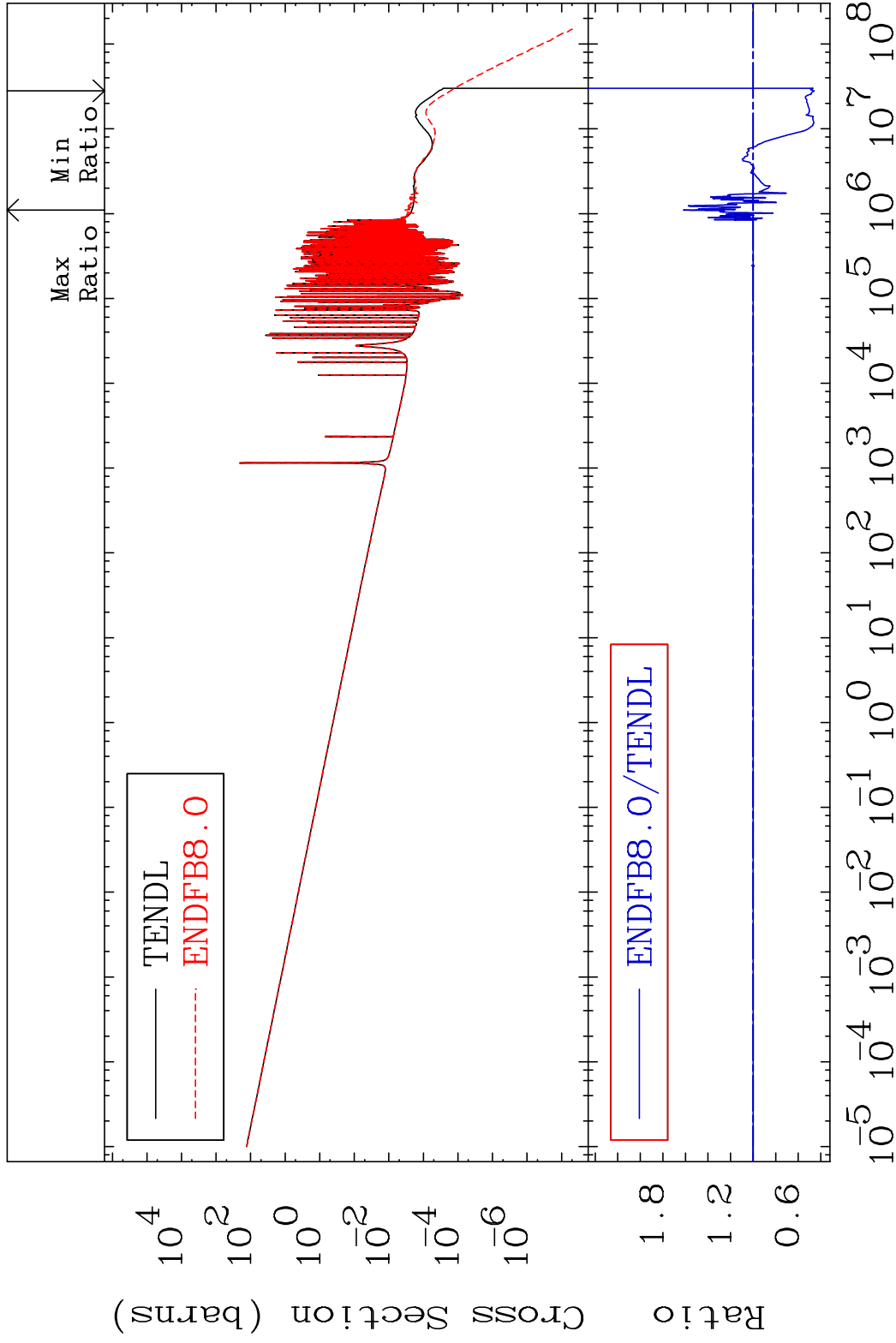
36 Incident Energy (eV) <sup>26</sup>Fe-56

MAT 2631

(n,  $\gamma$ )

26-Fe-56

Cross Section -54.04 To 61.57 %

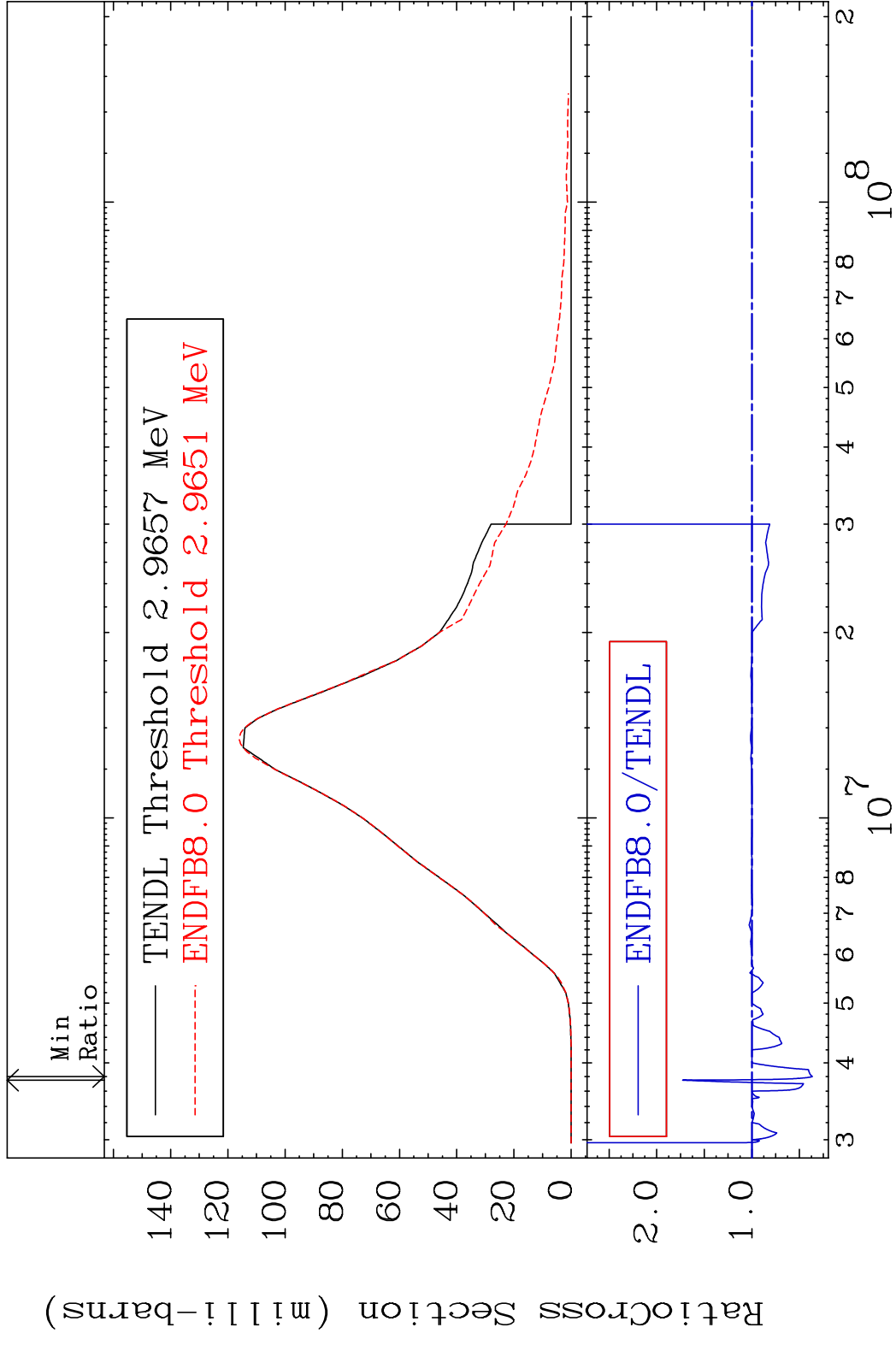


37

Incident Energy (eV)

26-Fe-56

MAT 2631 (n,p) 26-Fe-56  
 Cross Section -63.73 To 73.07 %

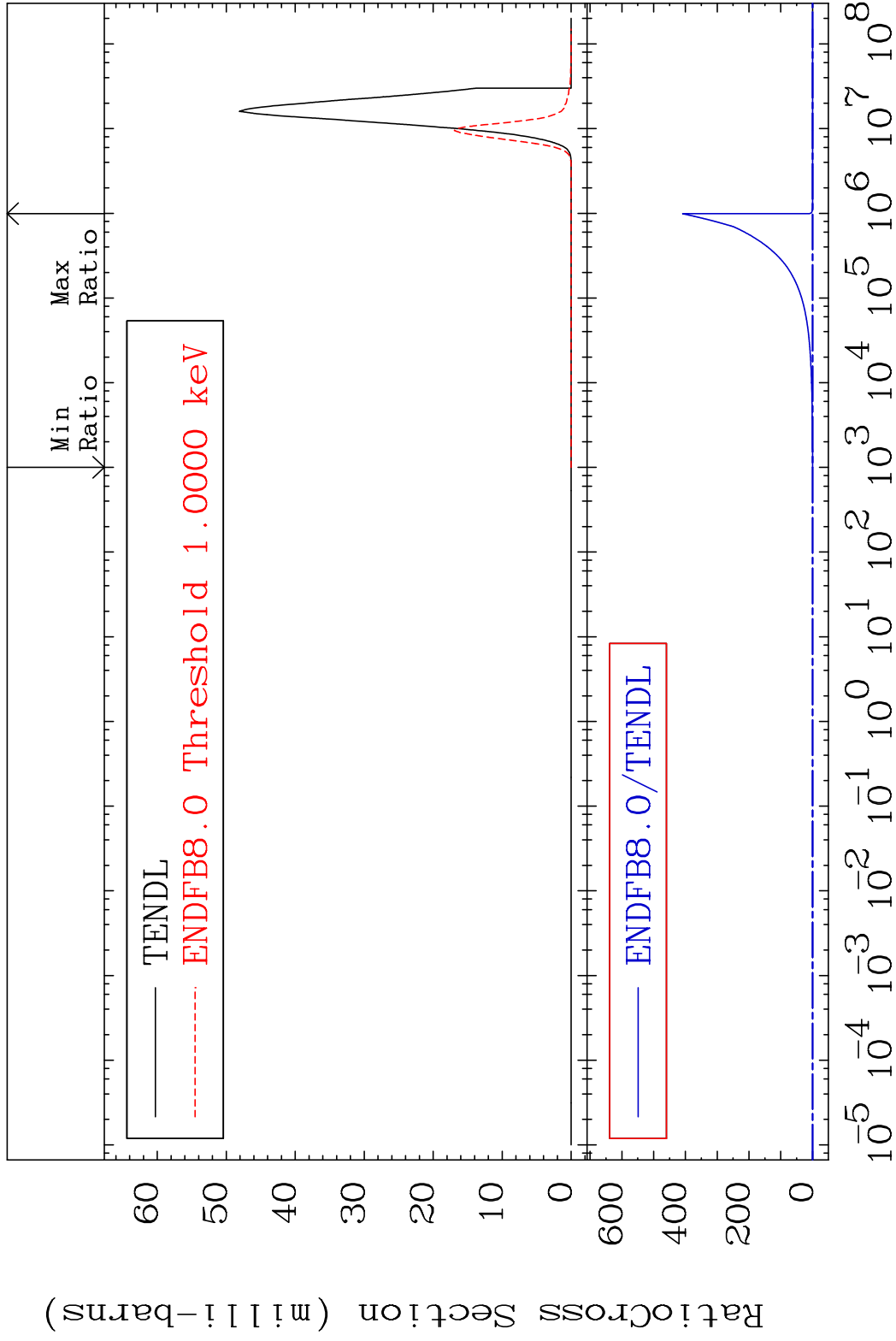


MAT 2631

(n,  $\alpha$ )

<sup>26</sup>Fe-56

Cross Section -100.0 To 9999. %



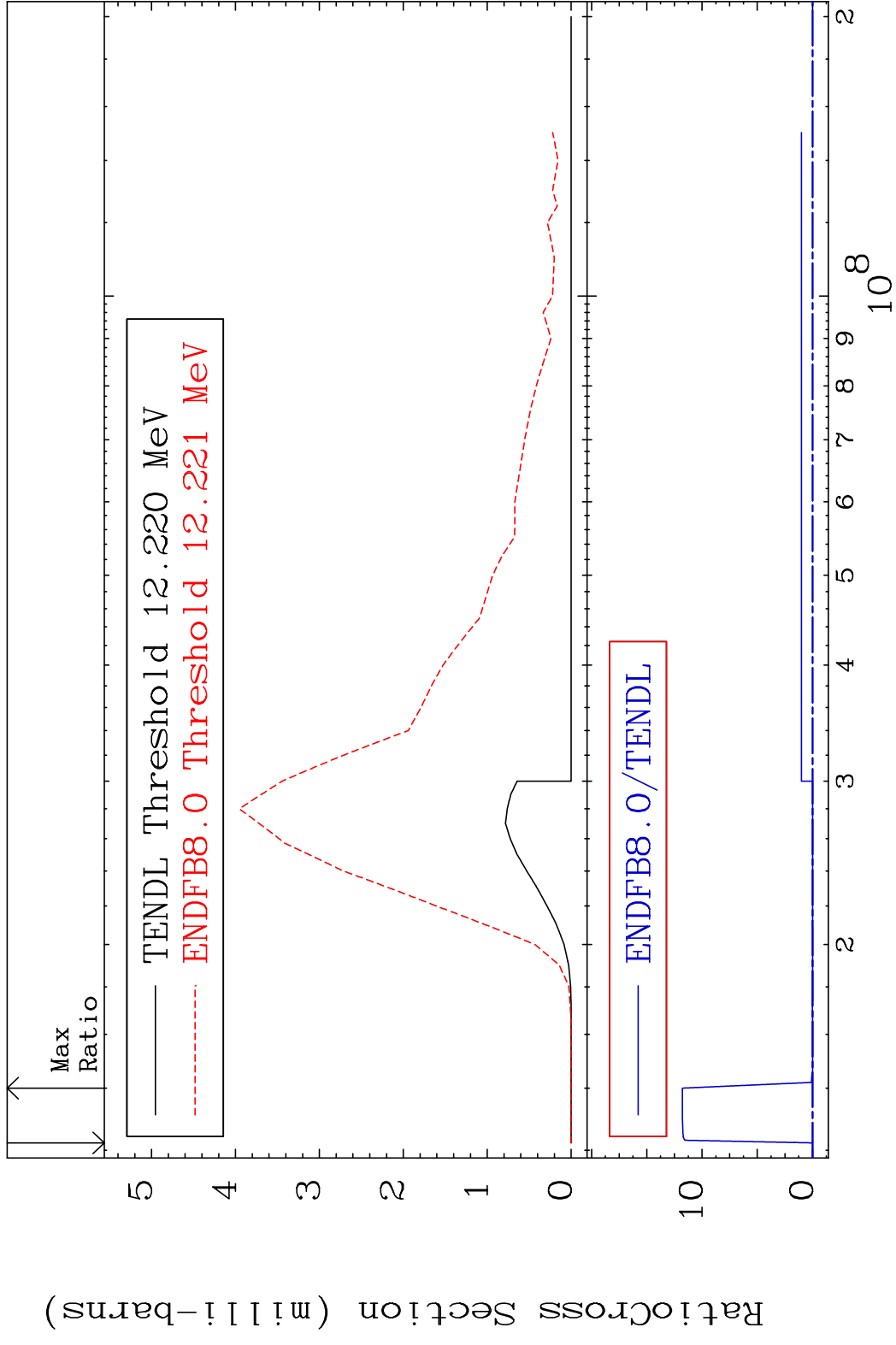
39

Incident Energy (eV)

<sup>26</sup>Fe-56

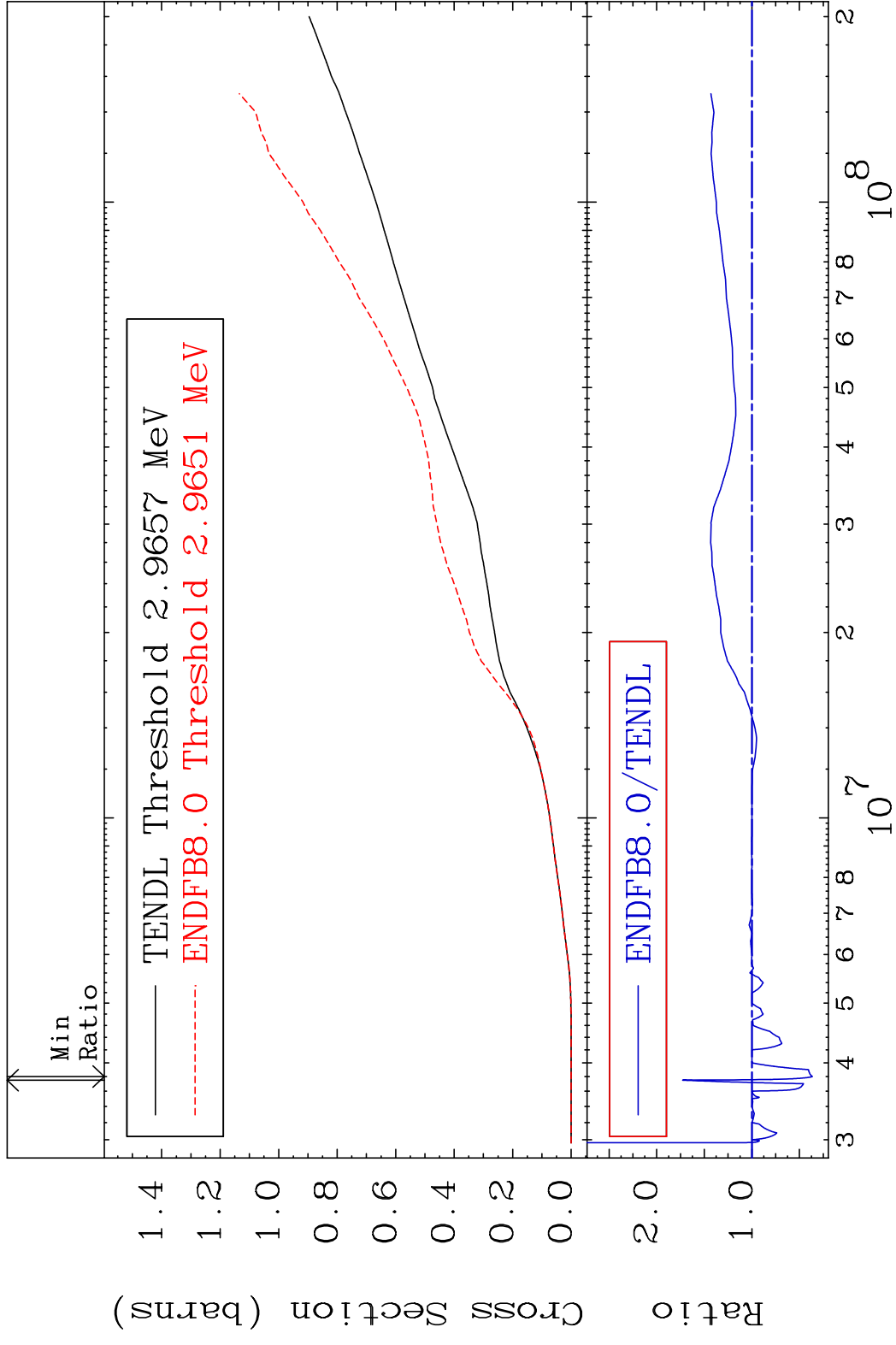


MAT 2631 (n,2p) 26-Fe-56  
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 26-Fe-56

MAT 2631 Hydrogen Production 26-Fe-56  
 Cross Section -63.73 To 73.07 %

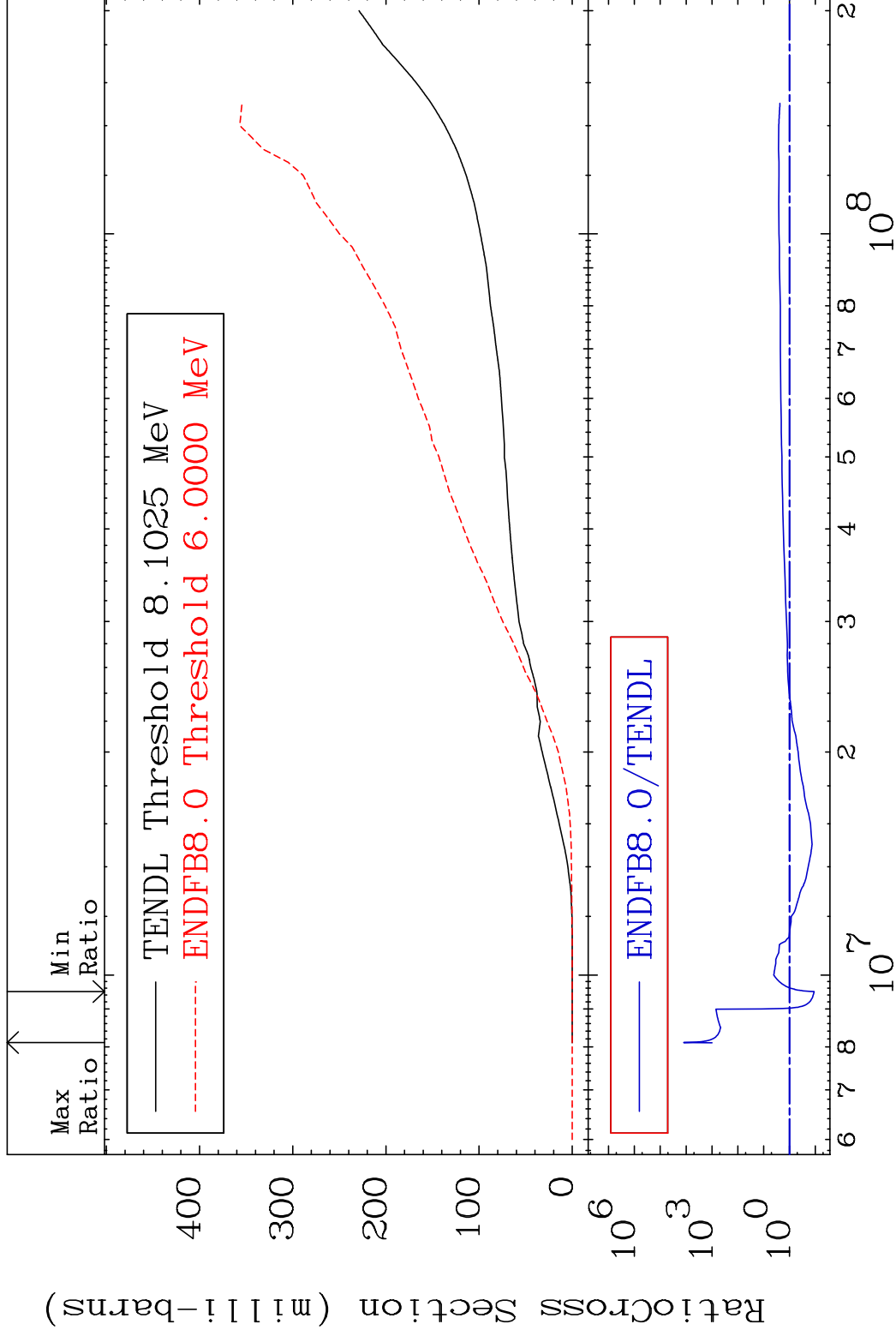


MAT 2631

Deuterium Production

<sup>26</sup>Fe-56

Cross Section -88.80 To 9999. %



42

Incident Energy (eV)

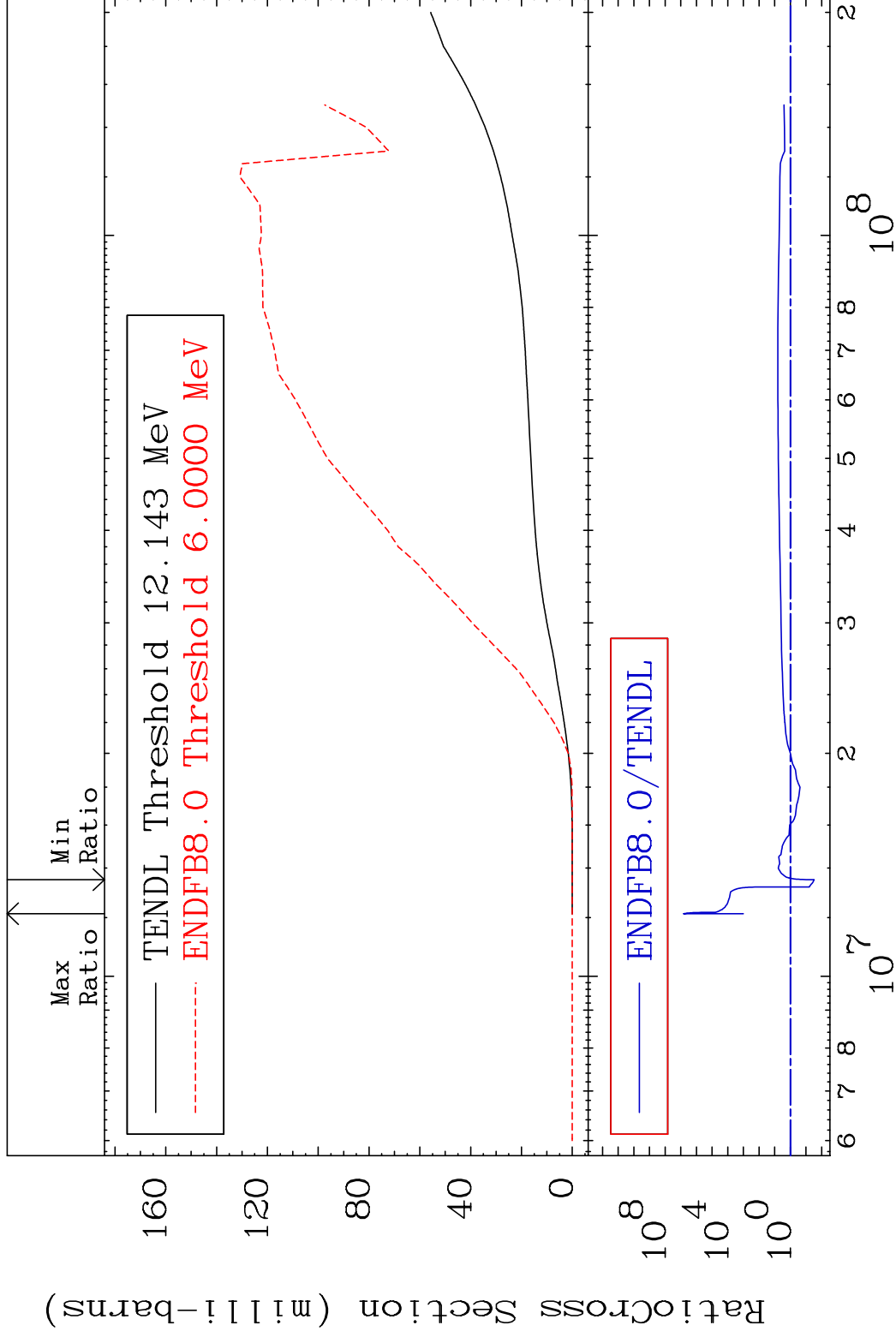
<sup>26</sup>Fe-56

MAT 2631

Tritium Production

<sup>26</sup>Fe-56

Cross Section -96.95 To 9999. %

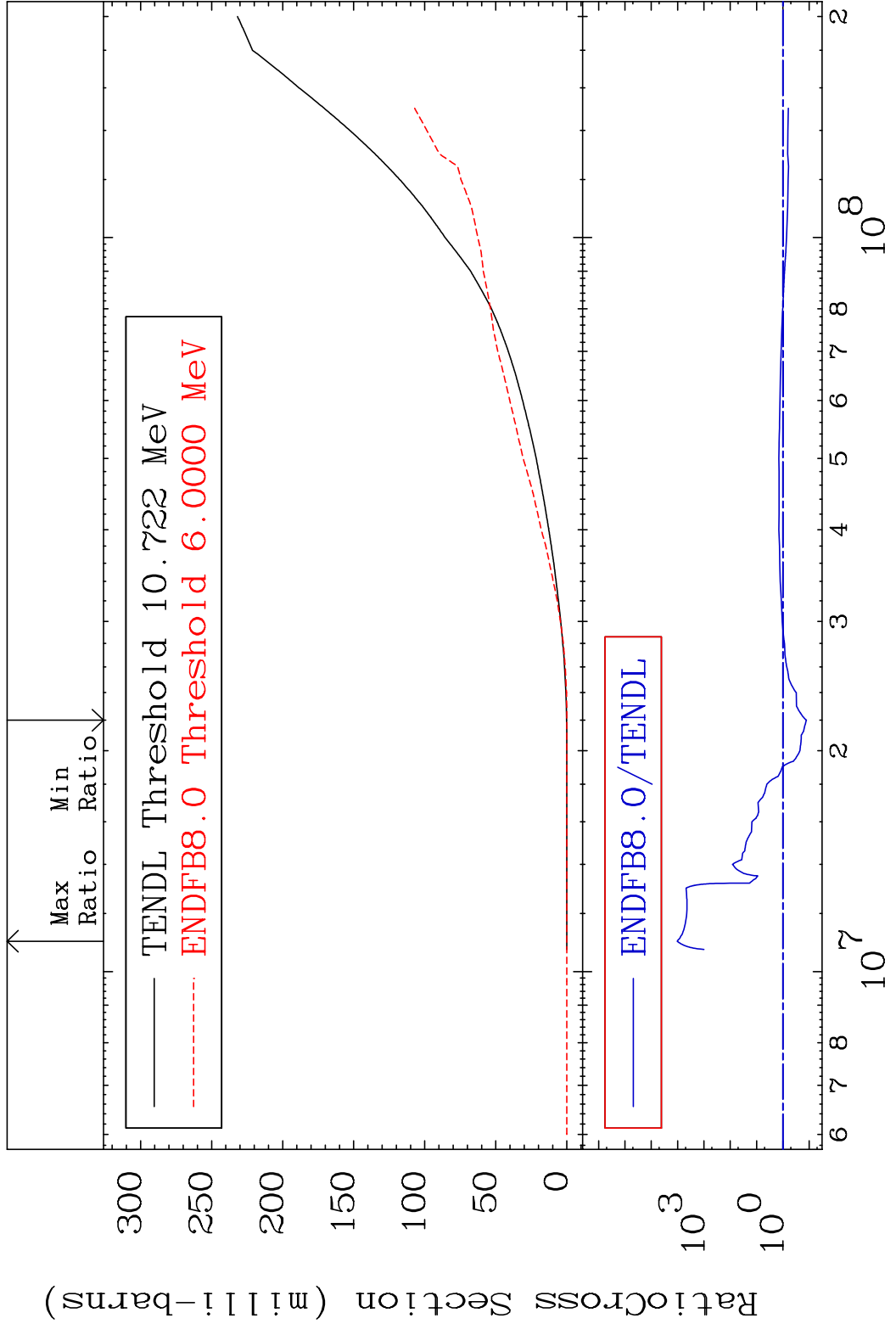


43

Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631 He-3 Production 26-Fe-56  
 Cross Section -87.17 To 9999. %

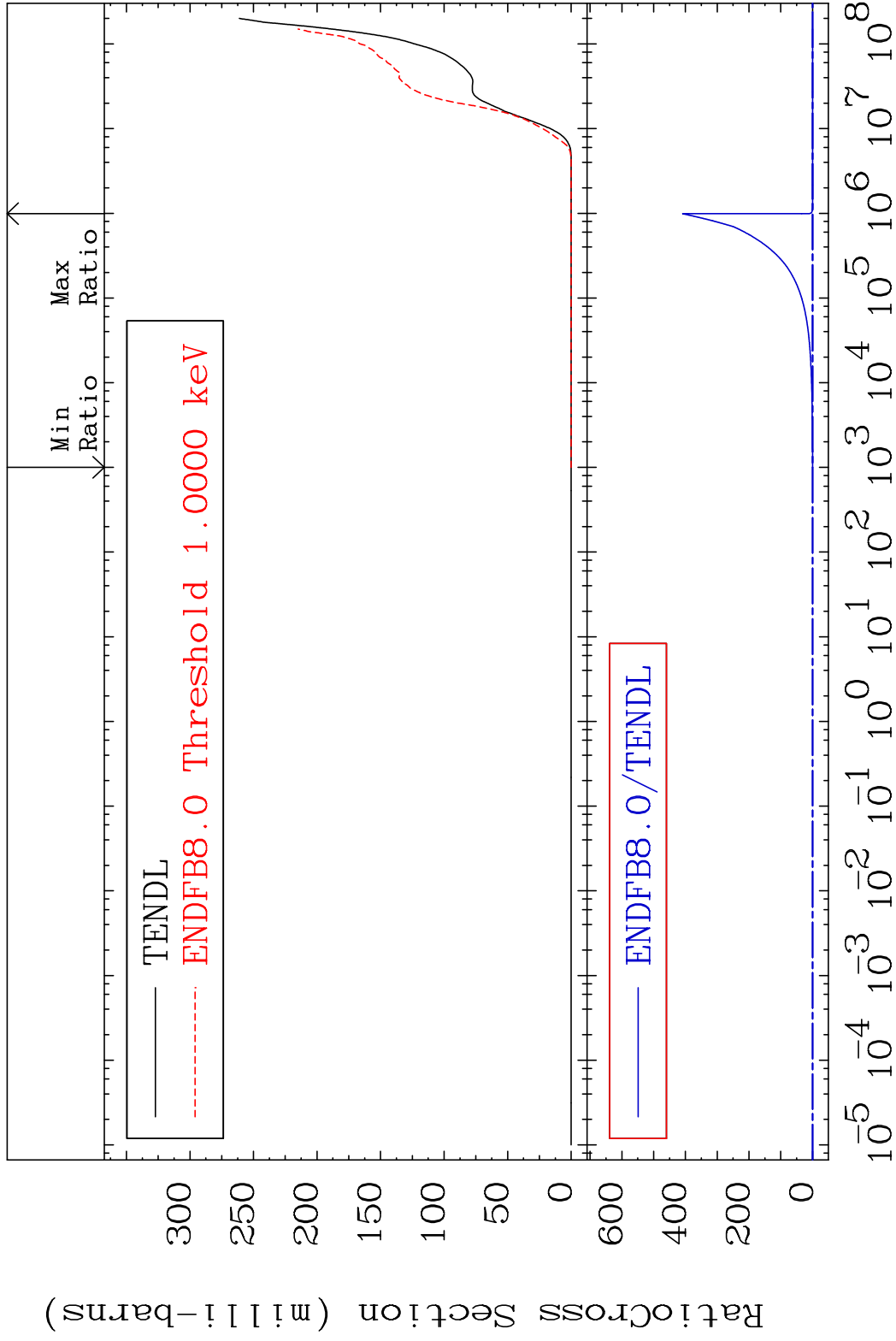


MAT 2631

He-4 Production

<sup>26</sup>Fe-56

Cross Section -100.0 To 9999. %

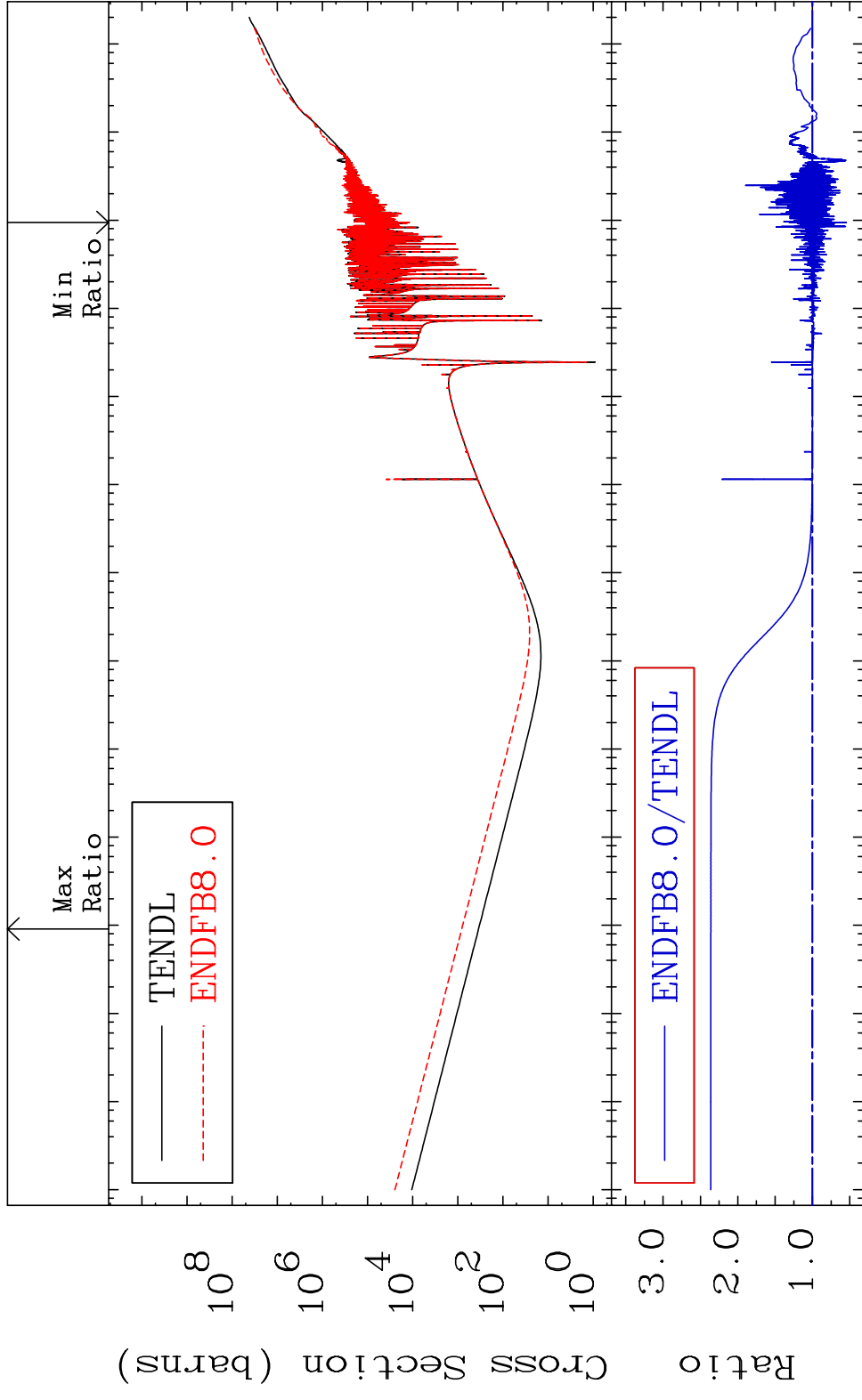


45

Incident Energy (eV)

<sup>26</sup>Fe-56

MAT 2631 Kerma total (eV-barns) 26-Fe-56  
 Cross Section -45.38 To 136.2 %

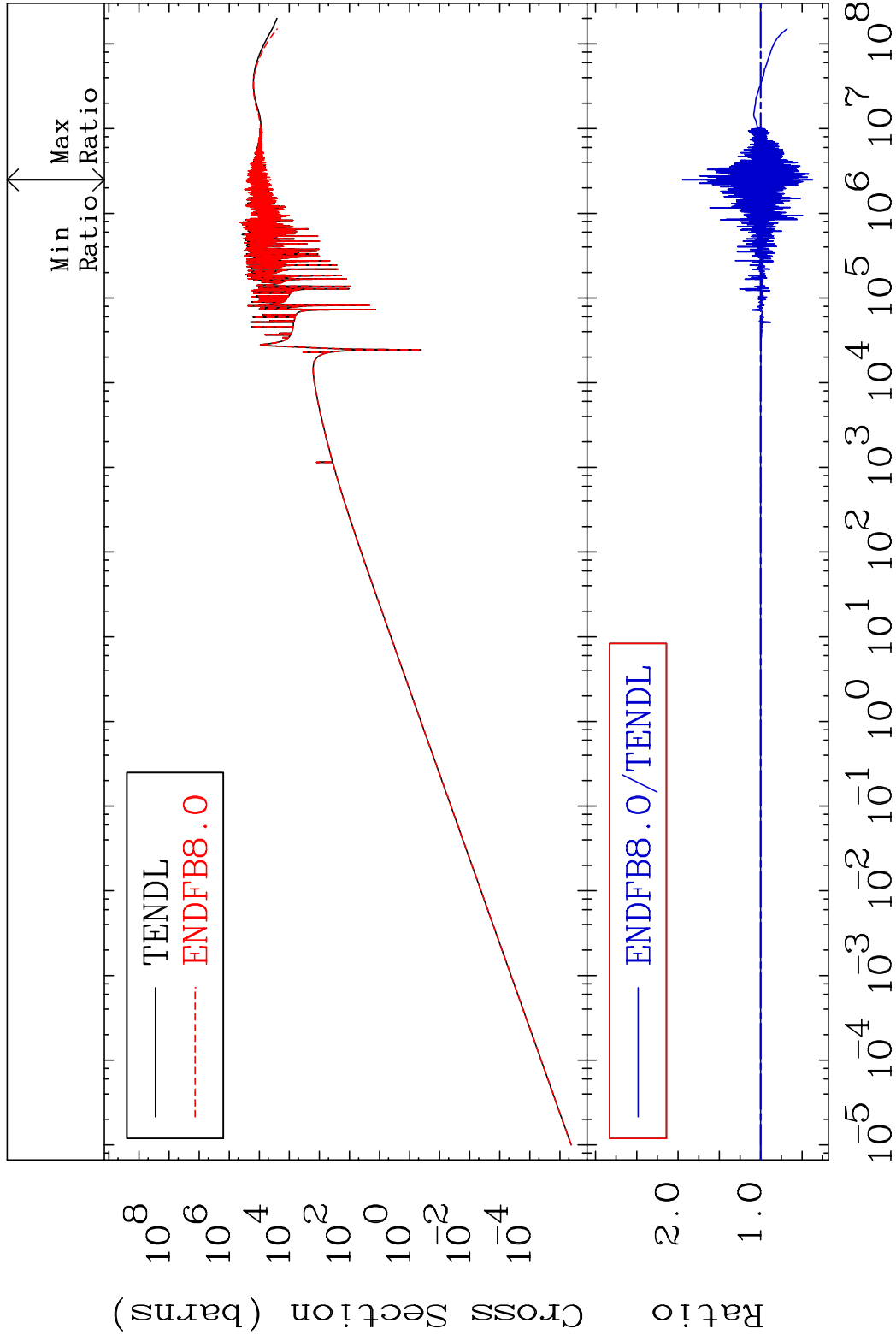


46 Incident Energy (eV) 26-Fe-56

MAT 2631

Kerma elastic  
Cross Section

26-Fe-56  
-62.75 To 94.80 %



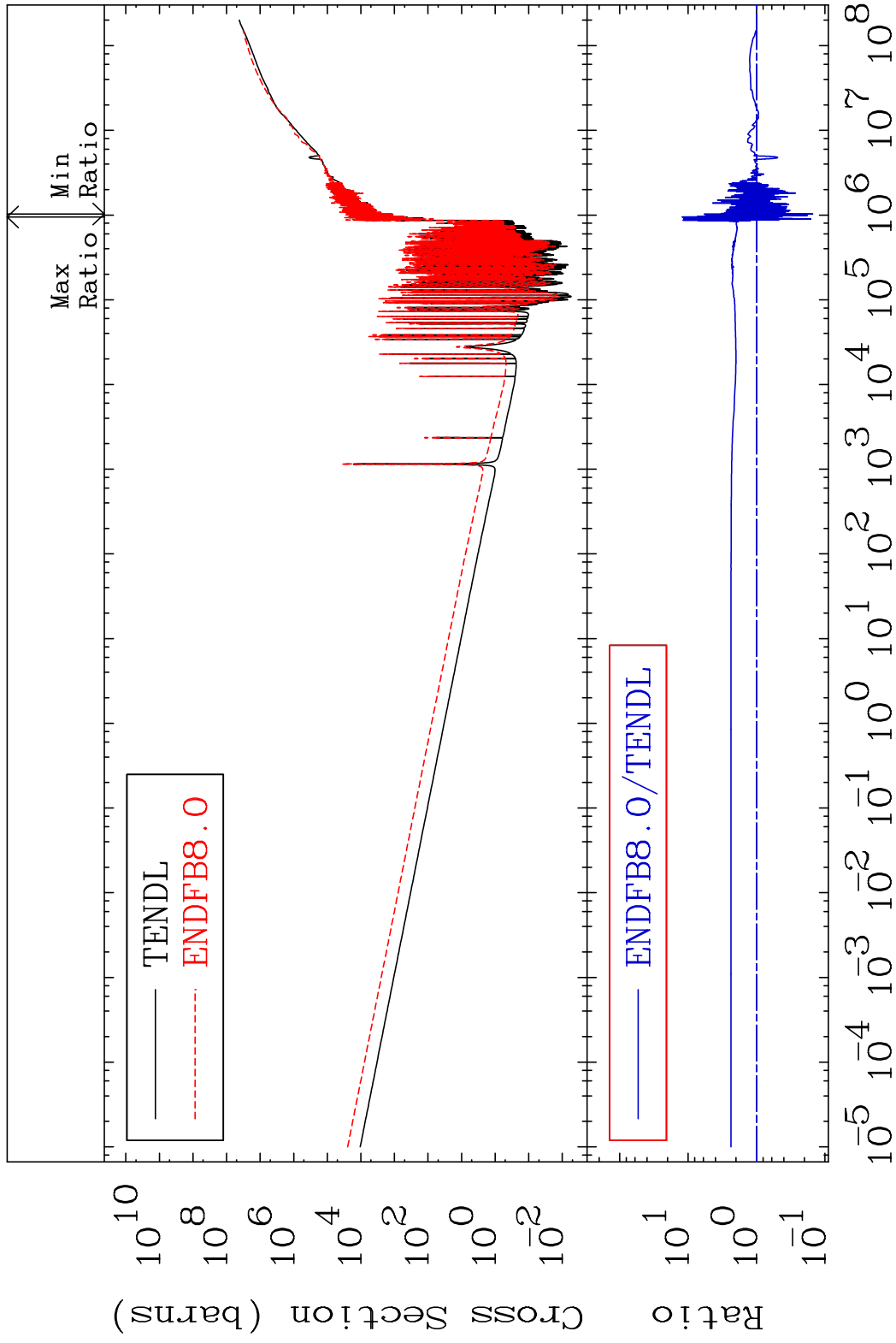
47

Incident Energy (eV)

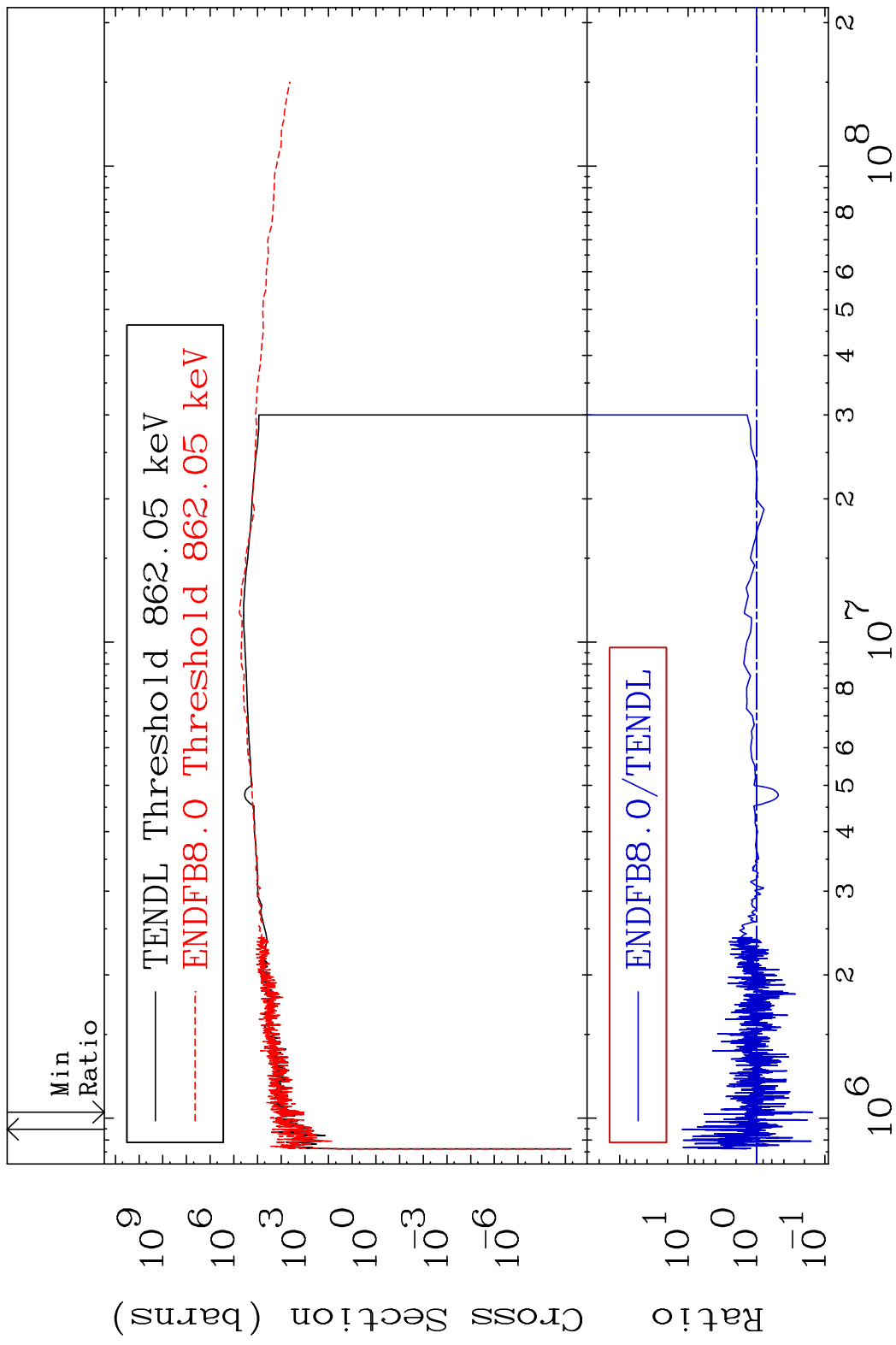
26-Fe-56



MAT 2631 Kerma non-elastic (all but mt2) 26-Fe-56  
 Cross Section -84.82 To 1115. %

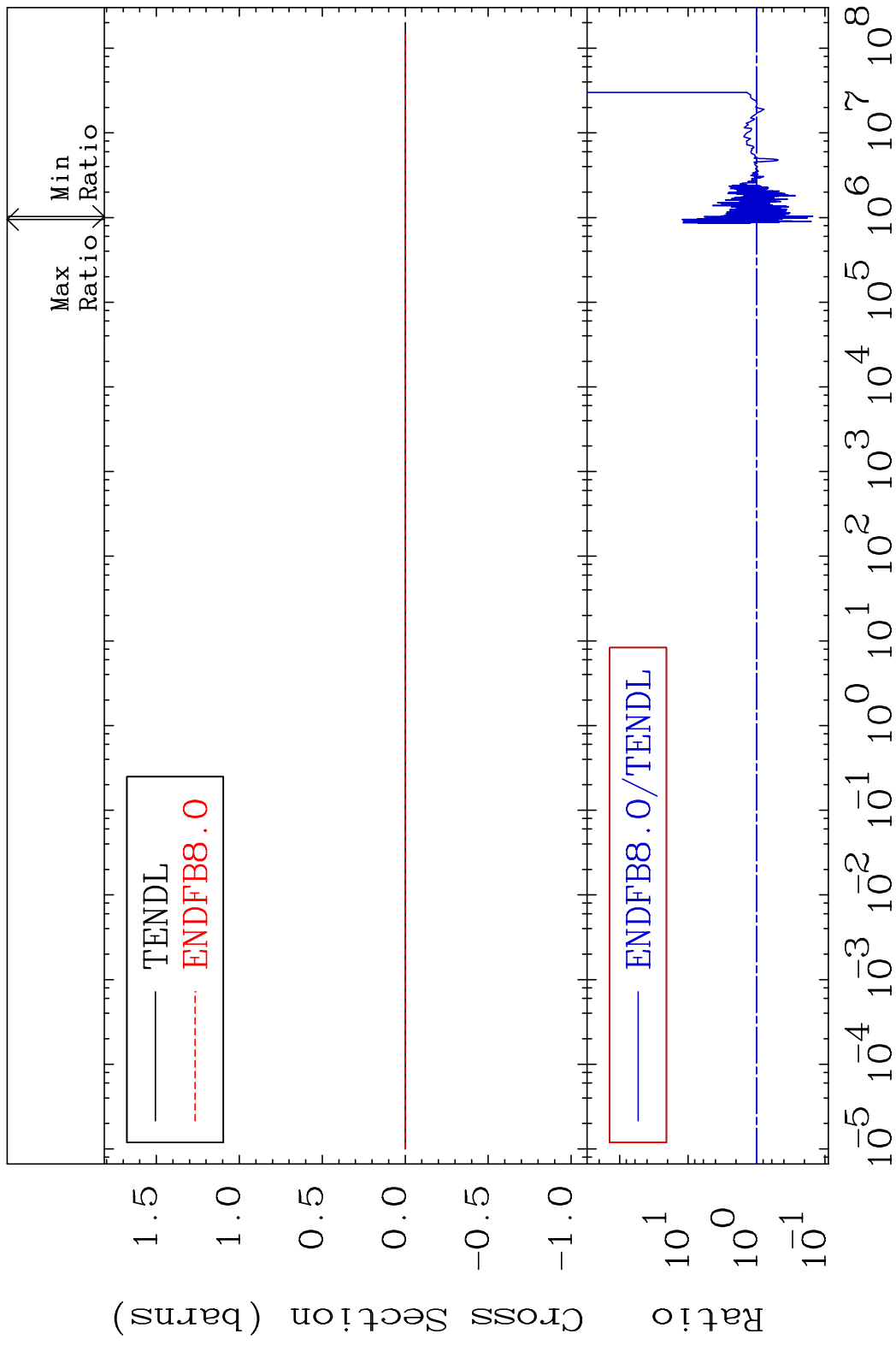


MAT 2631 Kerma inelastic (mt51-91) 26-Fe-56  
 Cross Section -84.83 To 1115. %

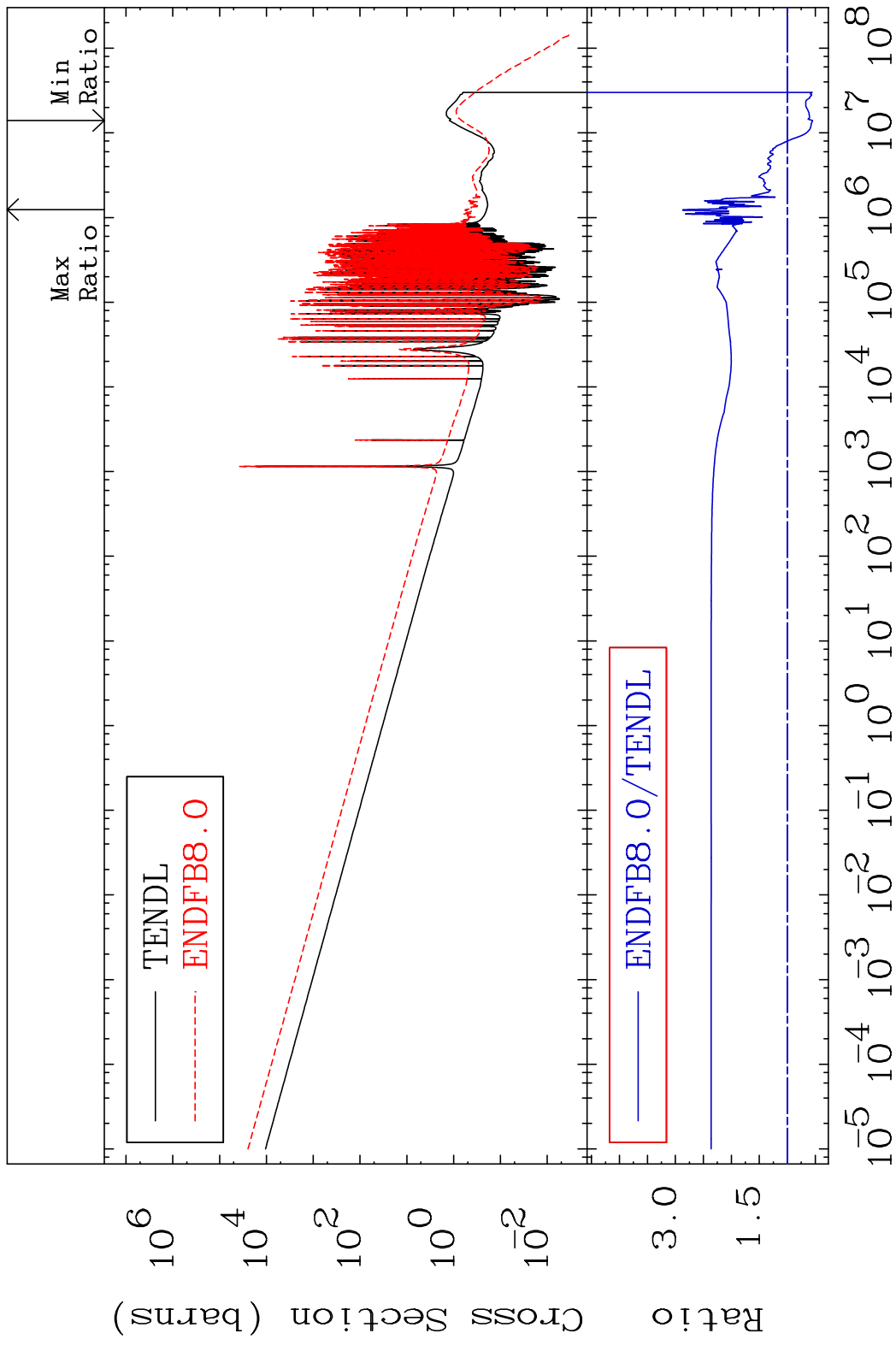


49 Incident Energy (eV) 26-Fe-56

MAT 2631 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-56  
 Cross Section -84.83 To 1115. %

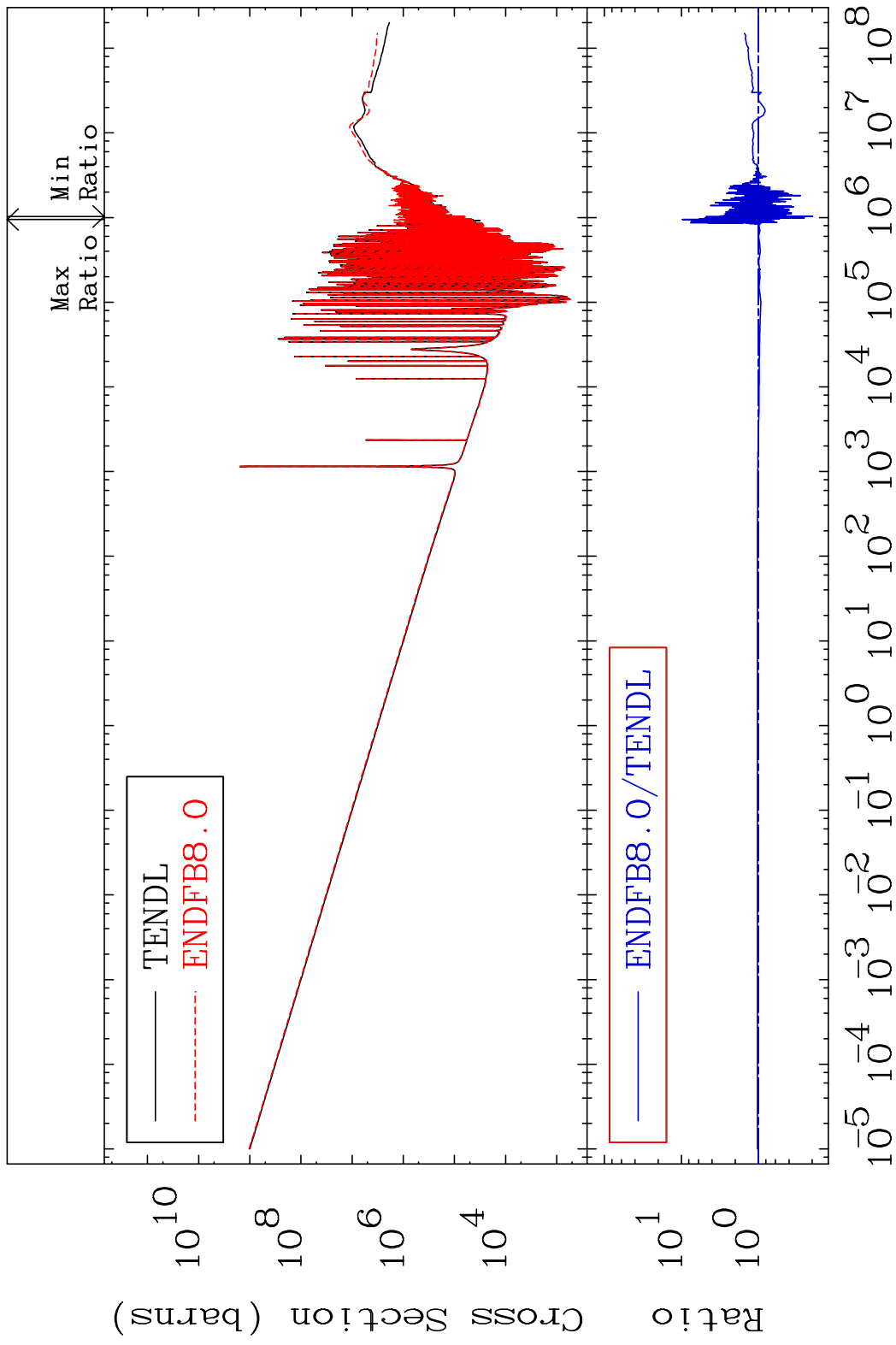


MAT 2631 Kerma capture (mt102) 26-Fe-56  
 Cross Section -45.14 To 187.6 %



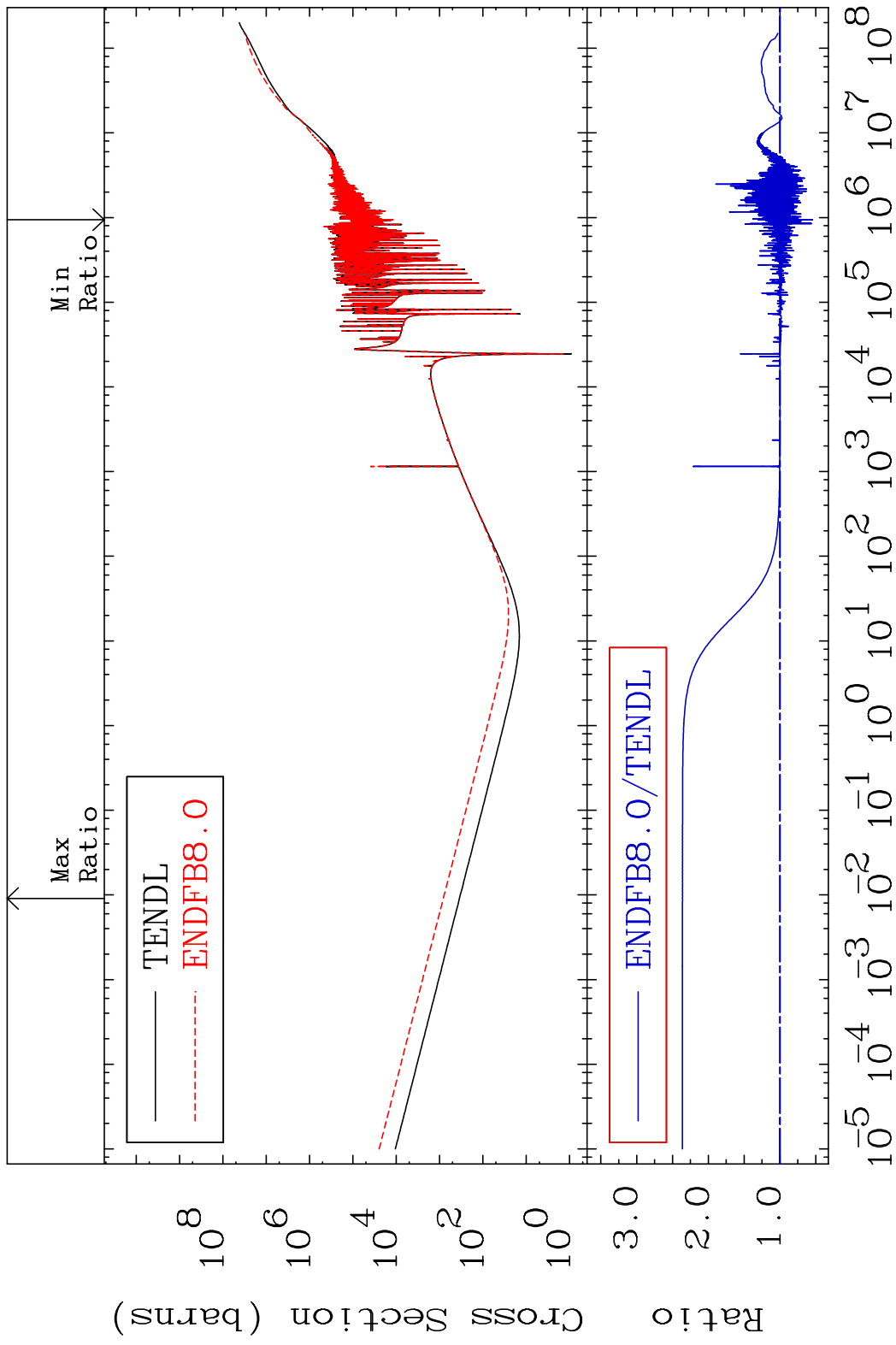
51 Incident Energy (eV) 26-Fe-56

MAT 2631 Total photon (eV-barns) 26-Fe-56  
 Cross Section -80.18 To 872.5 %

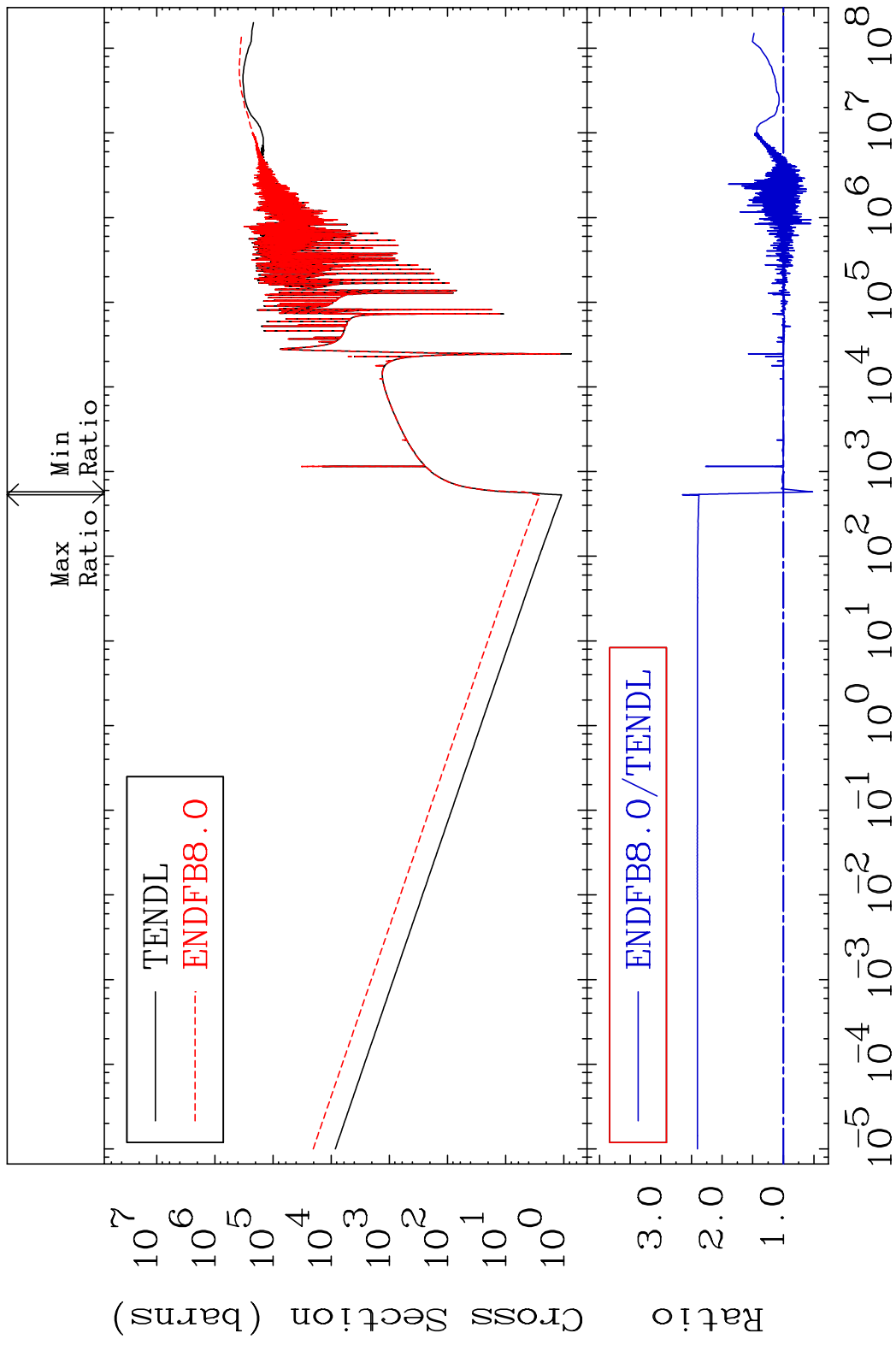


52 Incident Energy (eV) 26-Fe-56

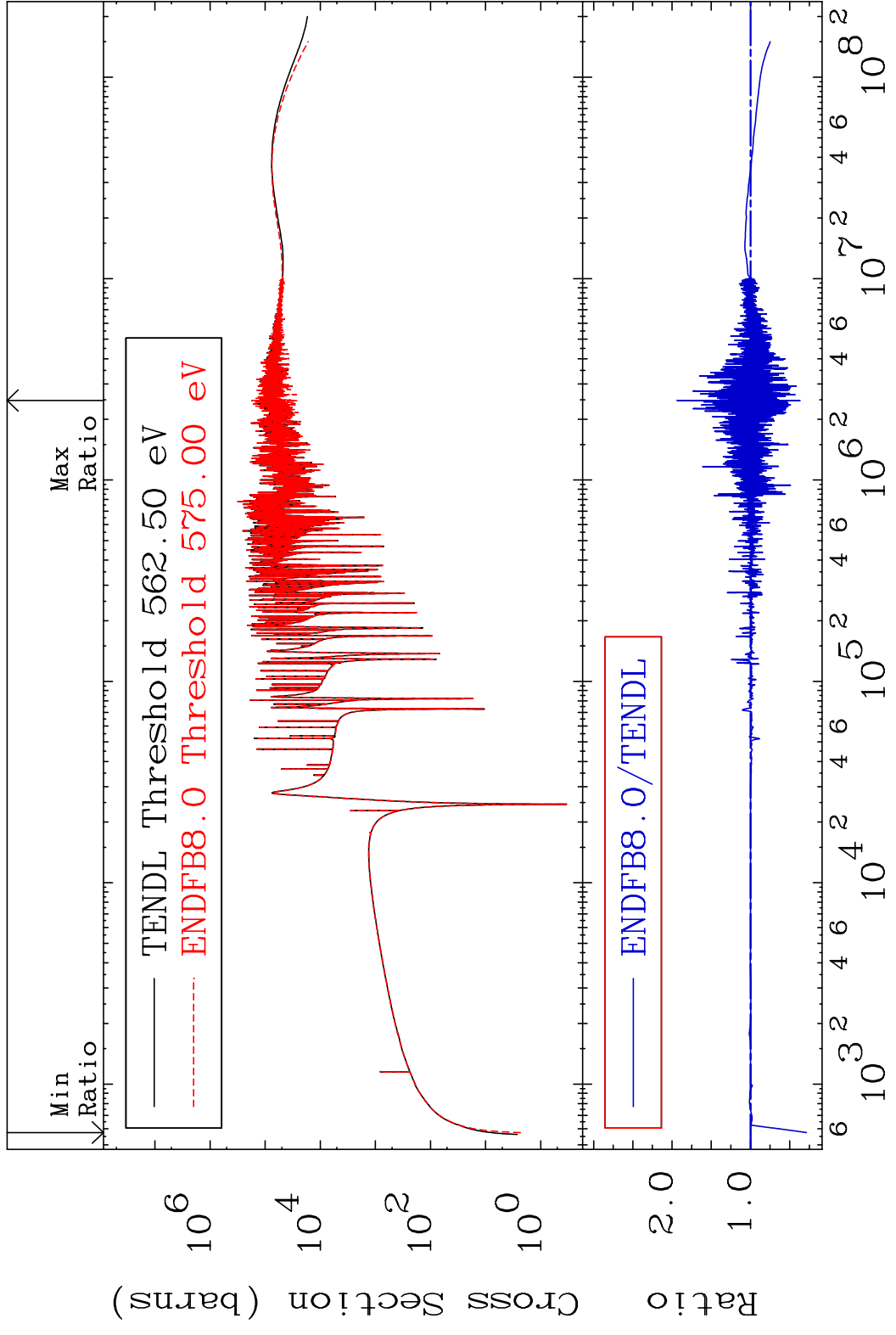
MAT 2631 Total kinematic kerma (high limit) 26-Fe-56  
 Cross Section -45.48 To 136.2 %



MAT 2631      Dpa total (eV-barns)      <sup>26</sup>Fe-56  
 Cross Section      -47.63 To 164.8 %

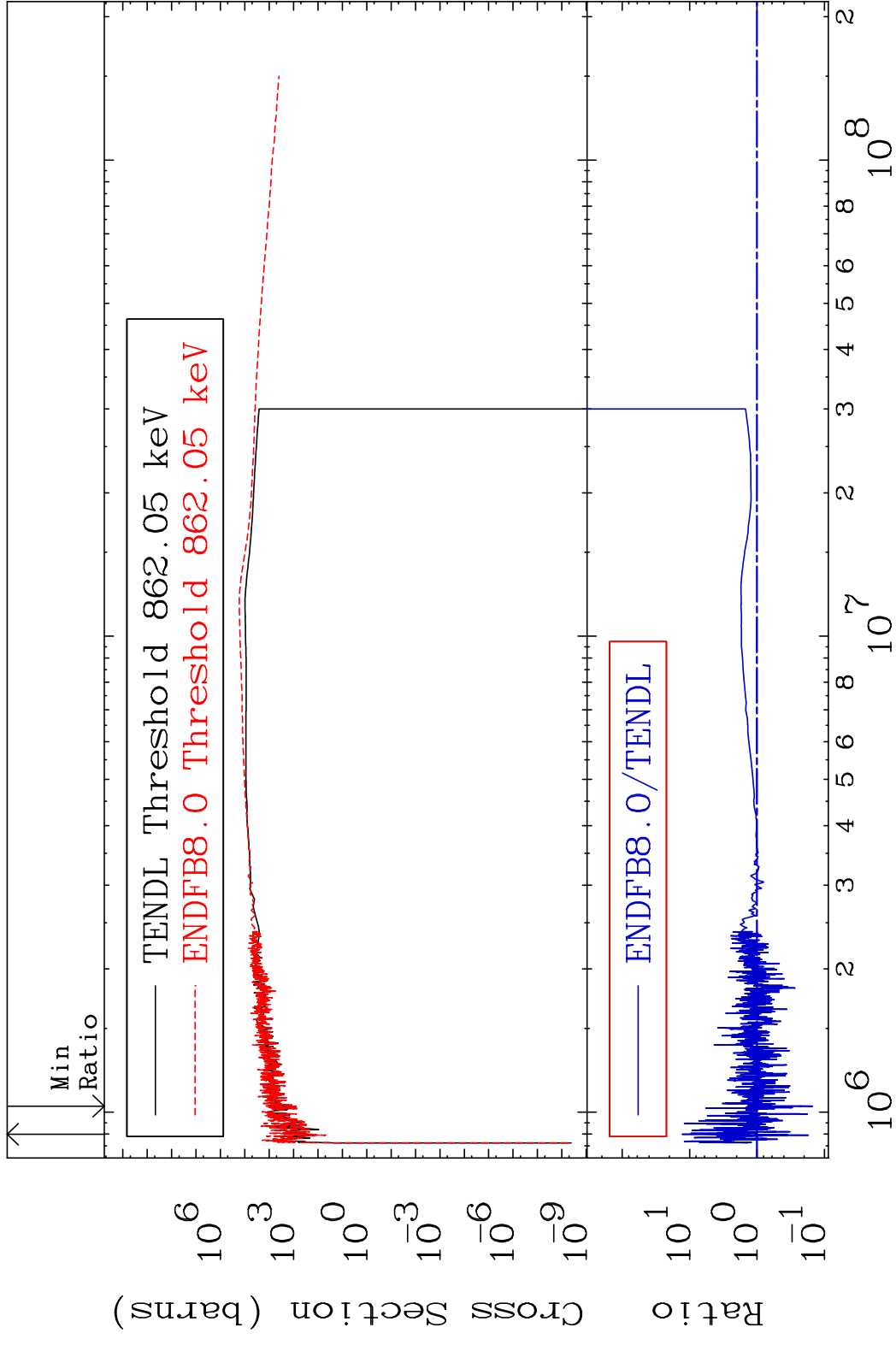


MAT 2631 Dpa elastic (mt2) 26-Fe-56  
 Cross Section -71.33 To 93.43 %





MAT 2631      Dpa inelastic (mt51-91)      26-Fe-56  
 Cross Section      -84.99 To 1181. %



MAT 2631 Dpa disappearance (mt102 -120) 26-Fe-56  
 Cross Section -63.77 To 202.5 %

