

Program Complot
(Version 2018-1)

by

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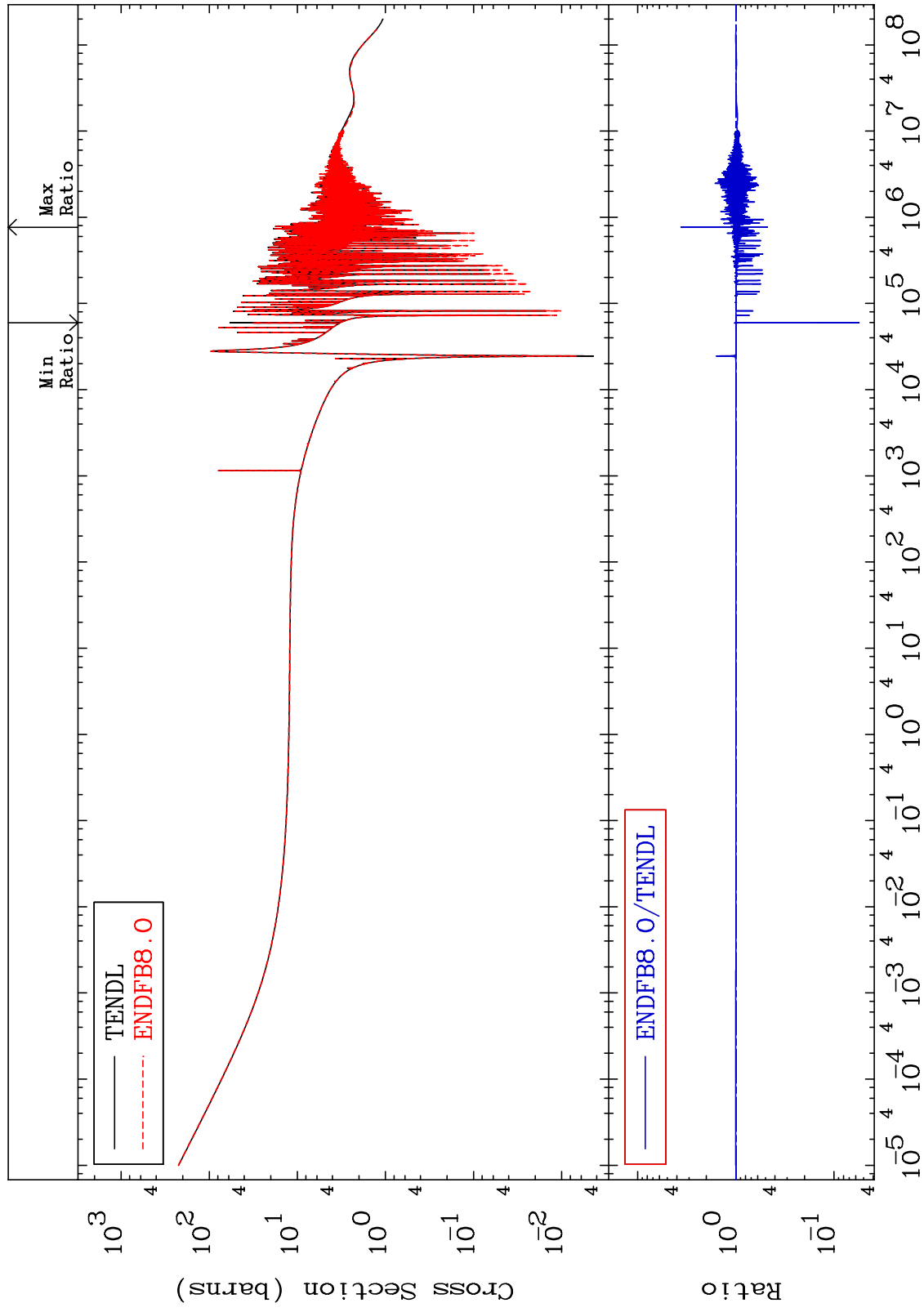
U.S.A.

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Press Mouse Button to Start

MAT 2631 Total Cross Section 26-Fe-56 -94.44 To 263.8 %



26-Fe-56

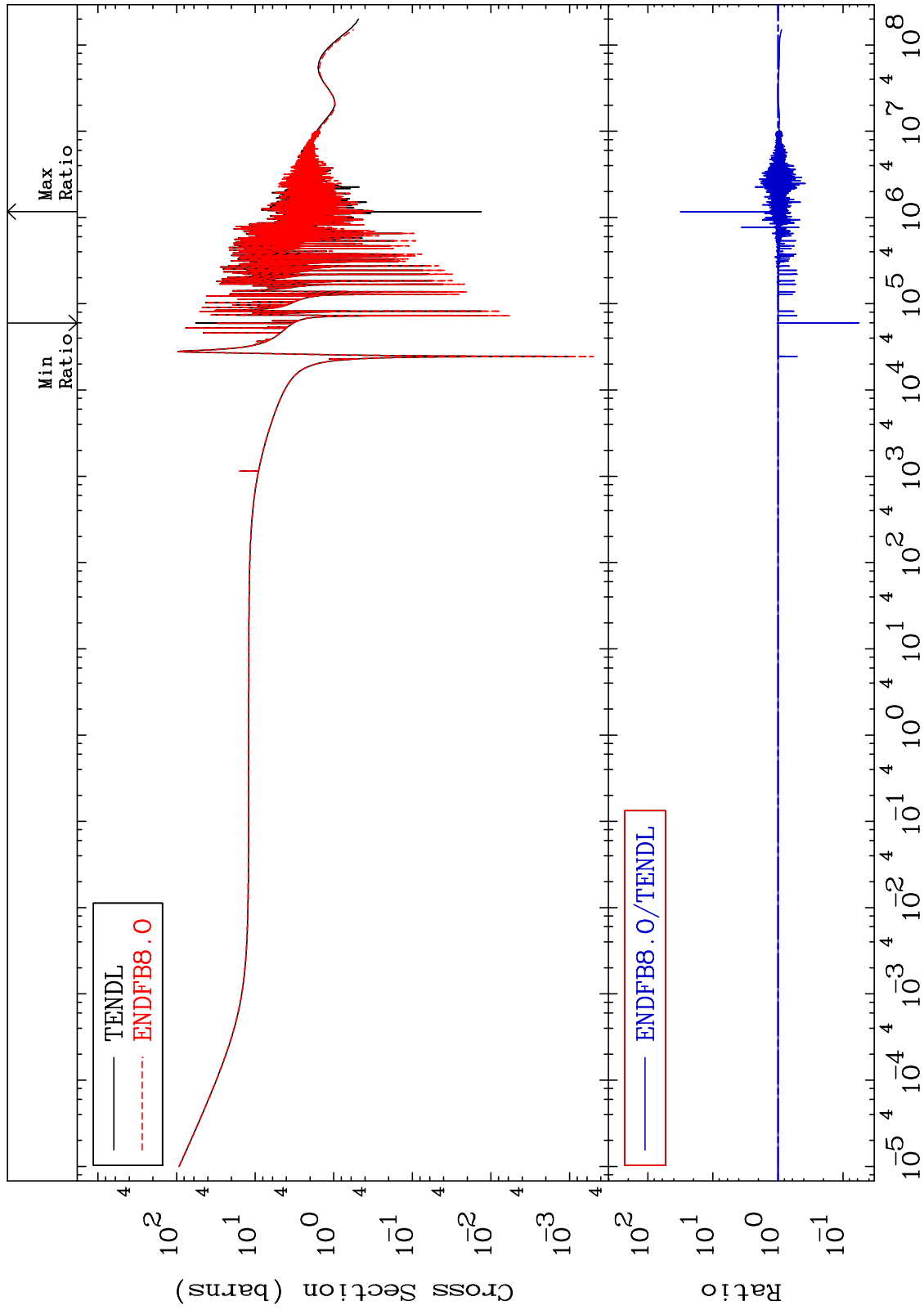
Incident Energy (eV)

1

MAT 2631

Elastic
Cross Section

26-Fe-56
-94.32 To 3035. %

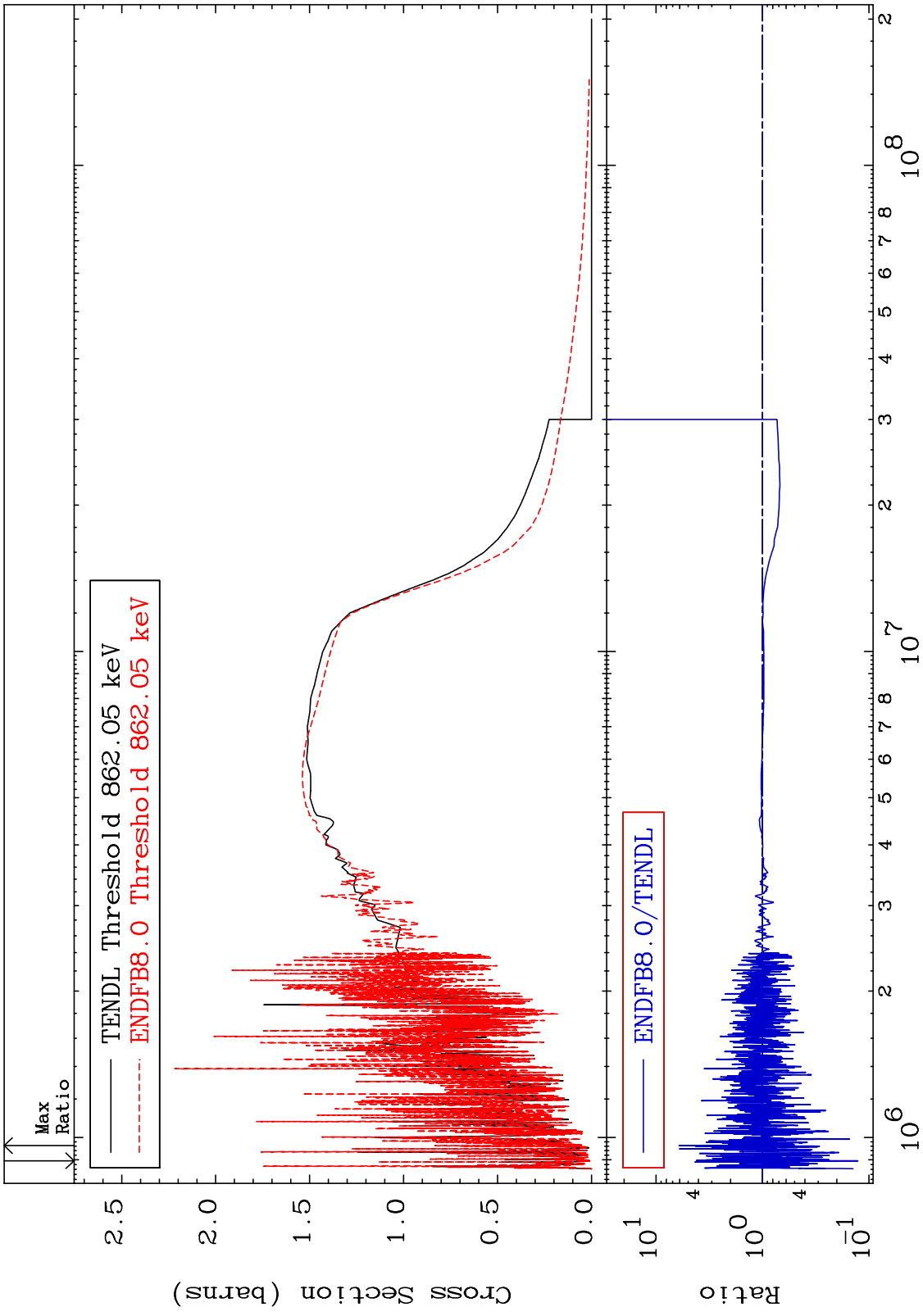


2

Incident Energy (eV)

26-Fe-56

MAT 2631 Inelastic Cross Section 26-Fe-56 -87.29 To 508.5 %

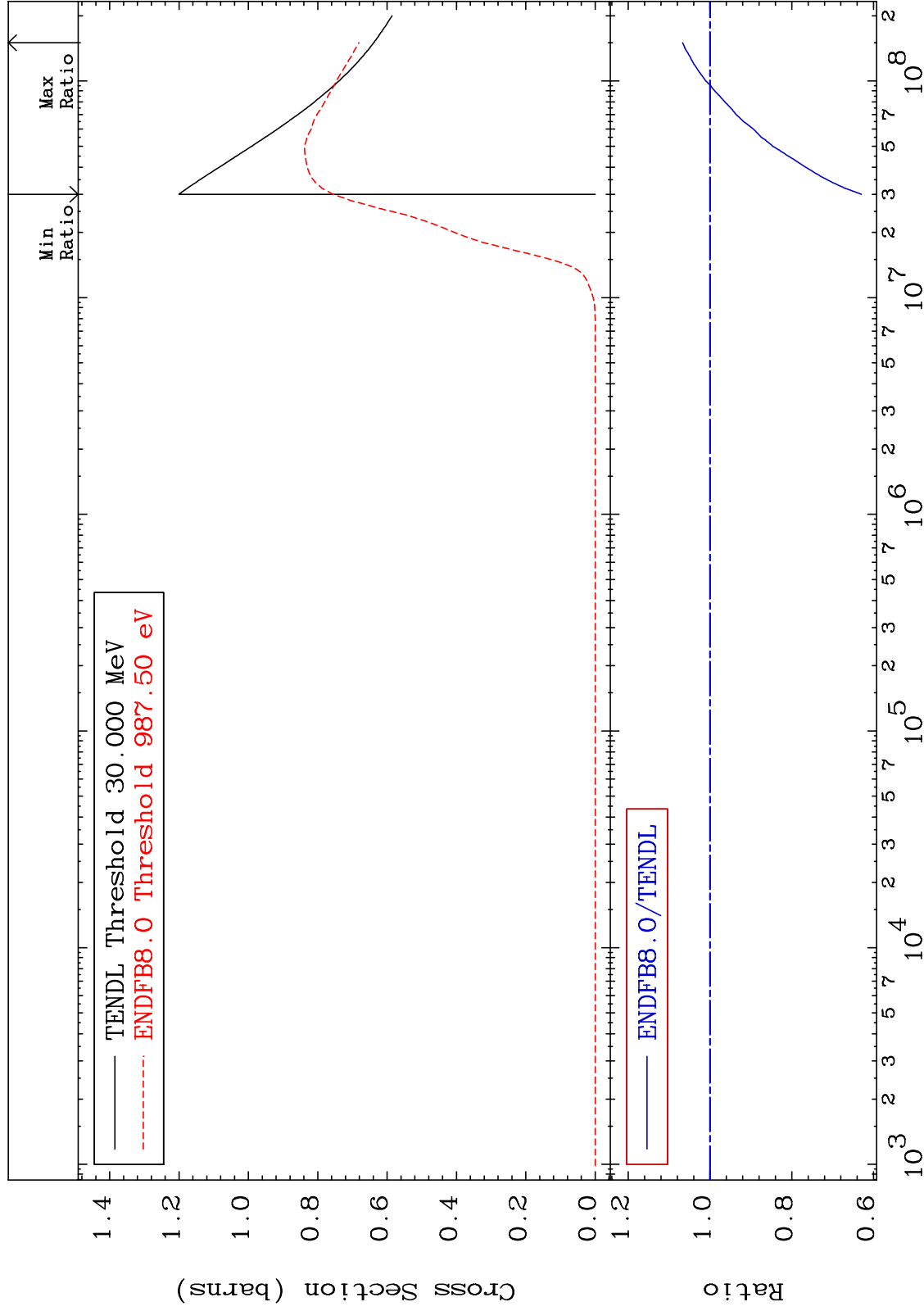


3 Incident Energy (eV) 26-Fe-56

MAT 2631

(n, remainder)
Cross Section

26-Fe-56
-37.01 To 6.686 %

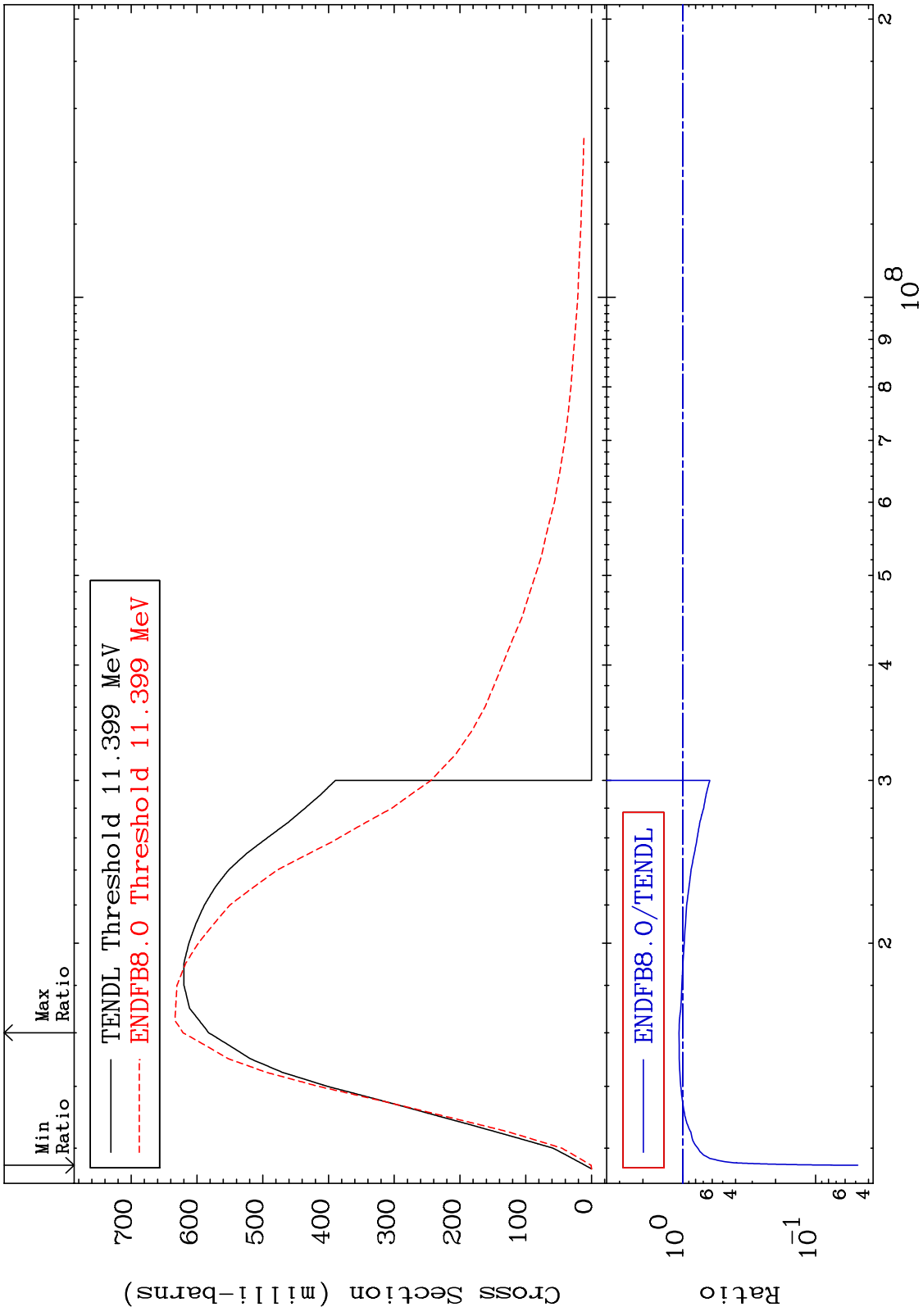


Incident Energy (eV)

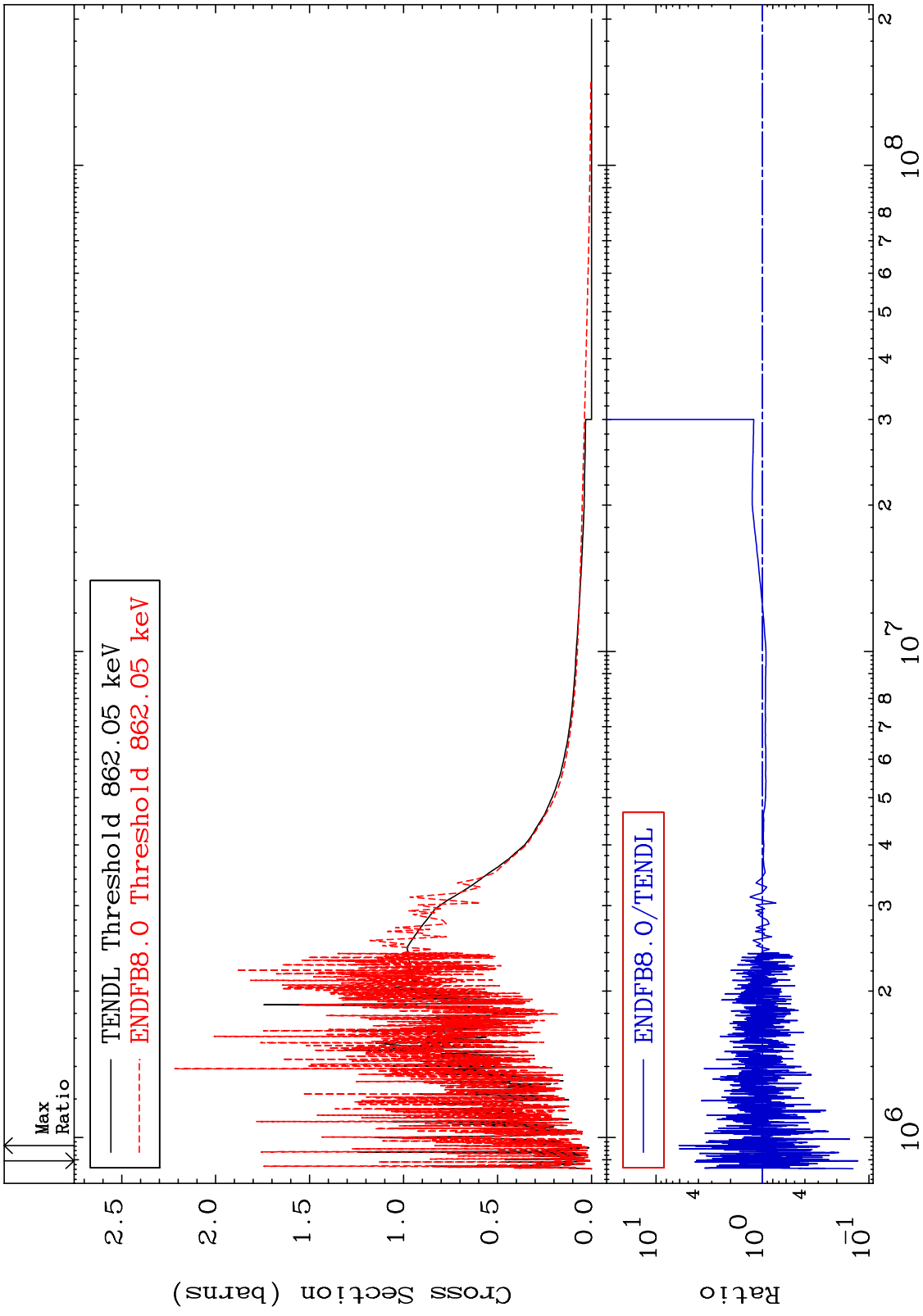
26-Fe-56

4

MAT 2631 (n,2n) Cross Section 26-Fe-56
 -95.20 To 6.677 %



MAT 2631 MT= 51 (n,n') Level Cross Section -87.29 To 508.5 % 26-Fe-56

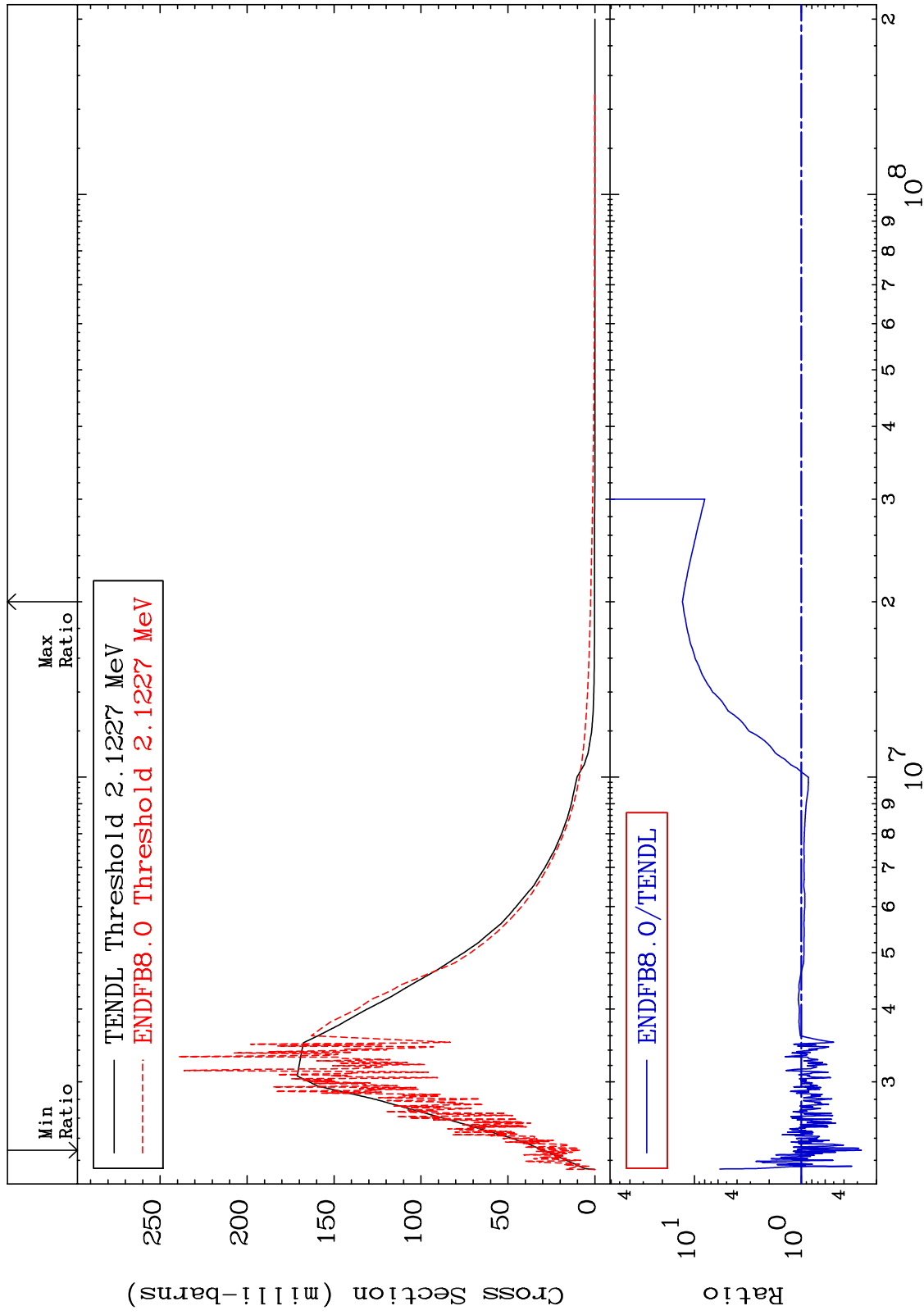


6 Incident Energy (eV) 26-Fe-56

MAT 2631

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

26-Fe-56
-72.41 To 1193. %

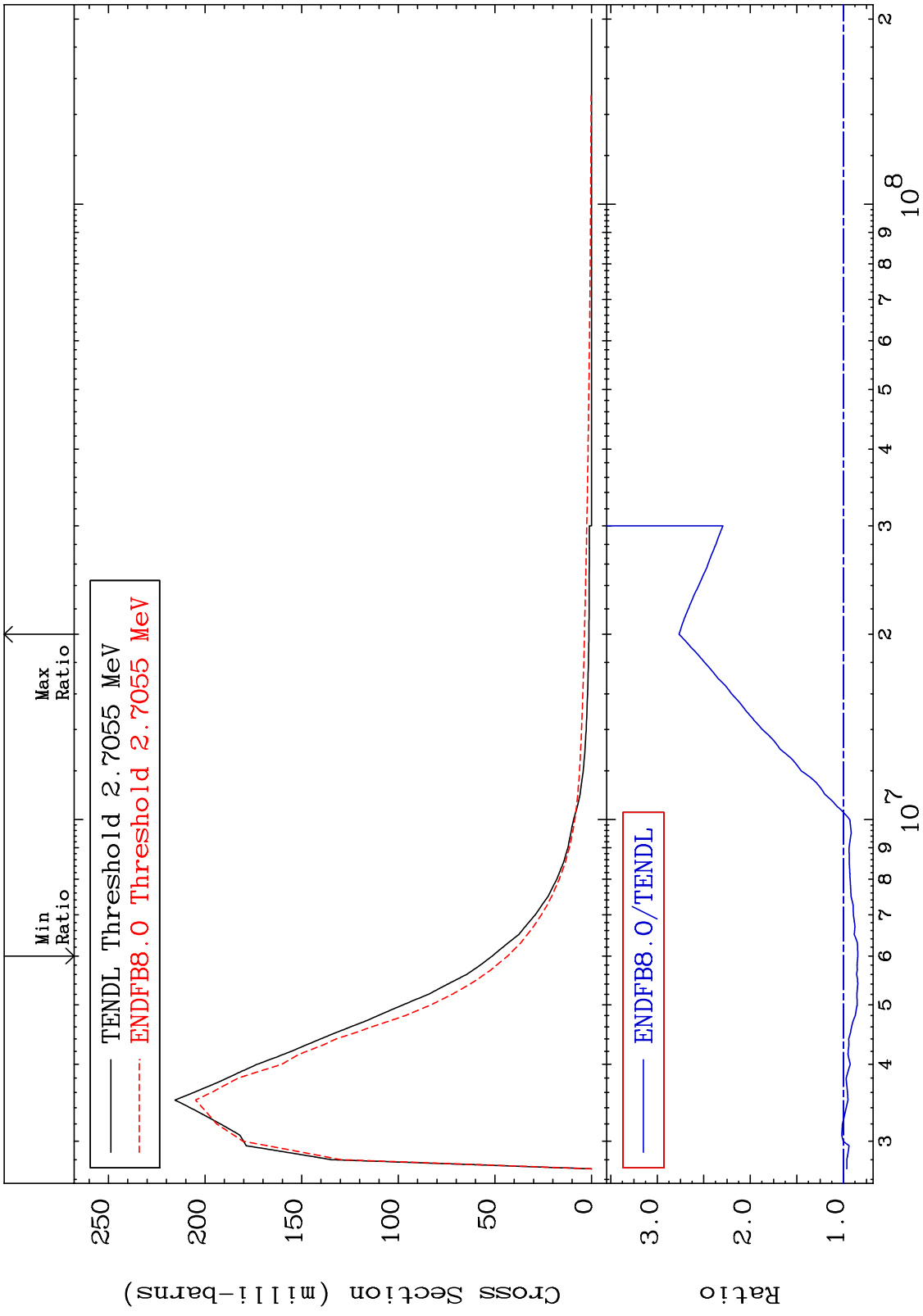


7

26-Fe-56

26-Fe-56

MAT 2631 MT= 53 (n,n') Level Cross Section 26-Fe-56 -15.57 To 176.6 %

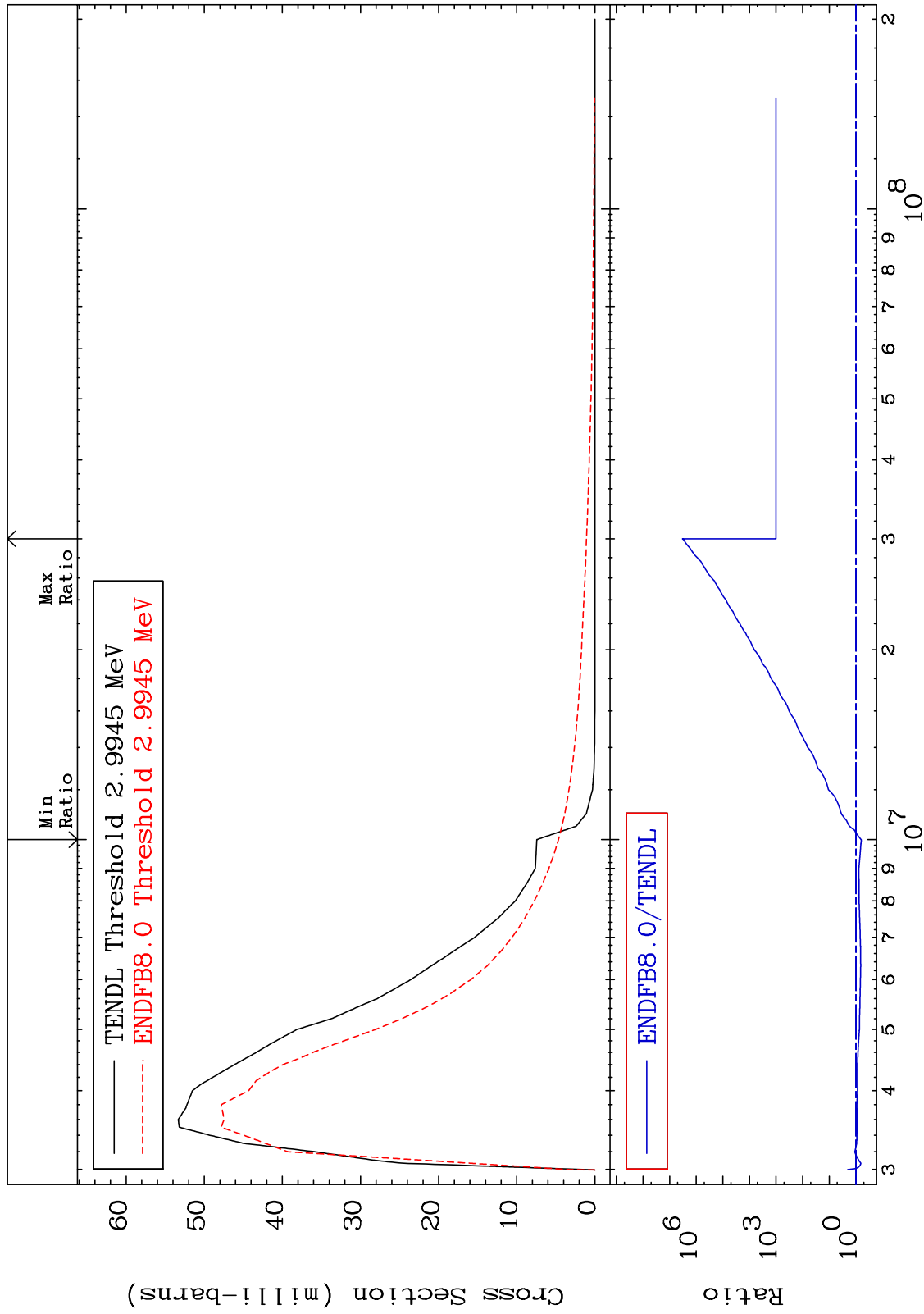


8 Incident Energy (eV) 26-Fe-56

MAT 2631

MT= 54 (n,n') Level
Cross Section

26-Fe-56
-37.32 To 9999. %



9

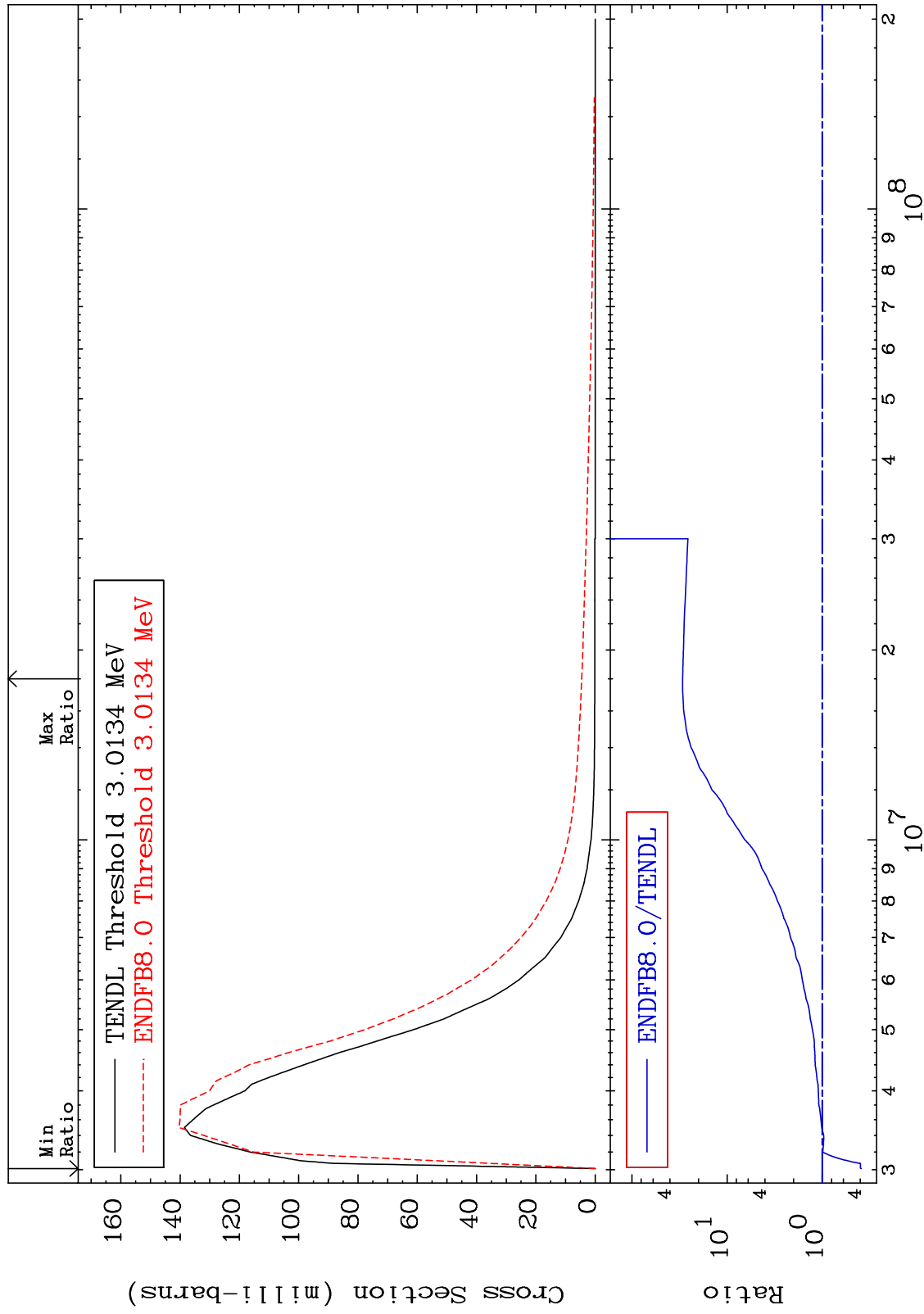
Incident Energy (eV)

26-Fe-56

MAT 2631

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

26-Fe-56
-61.15 To 2832. %

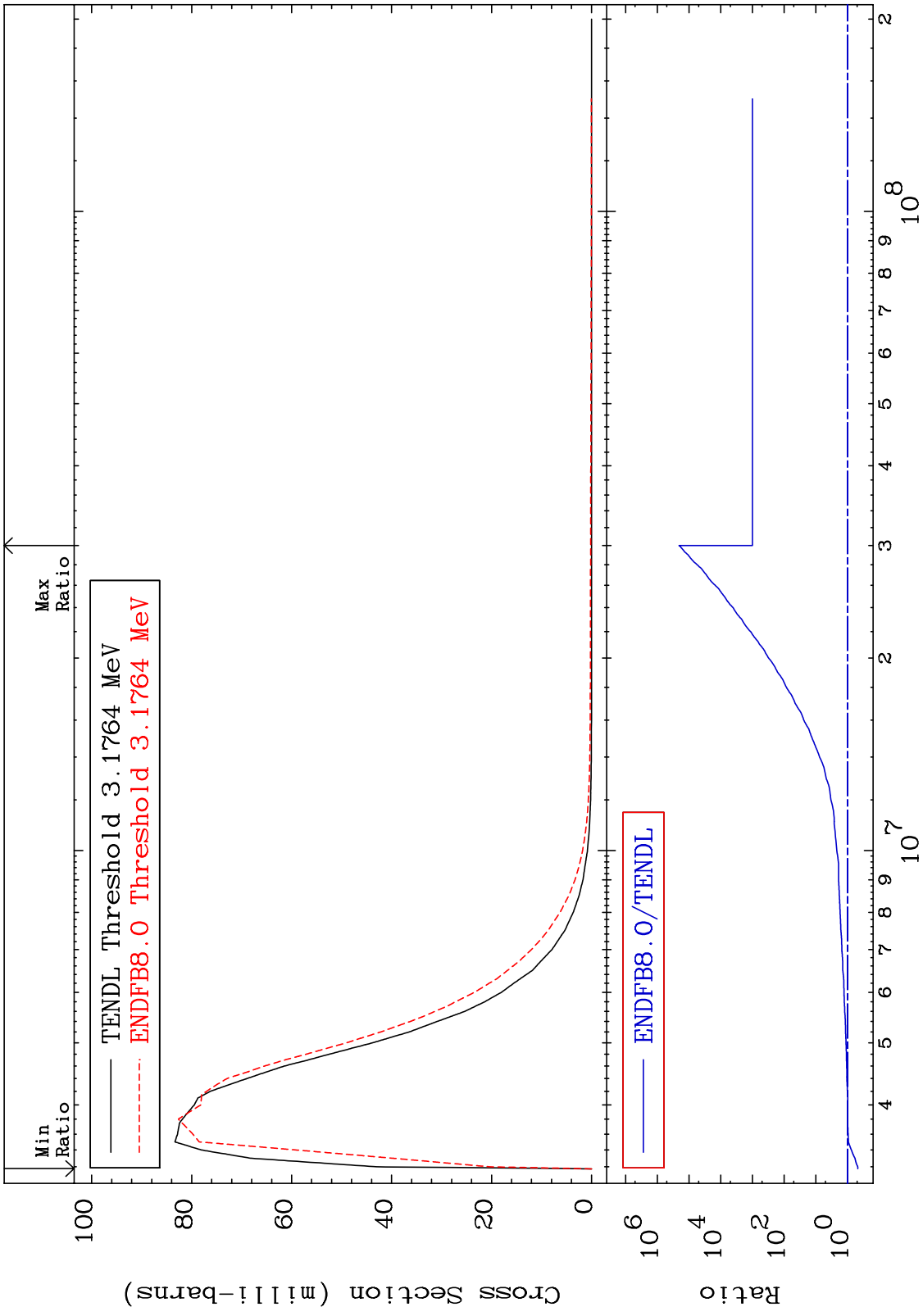


10

Incident Energy (eV)

26-Fe-56

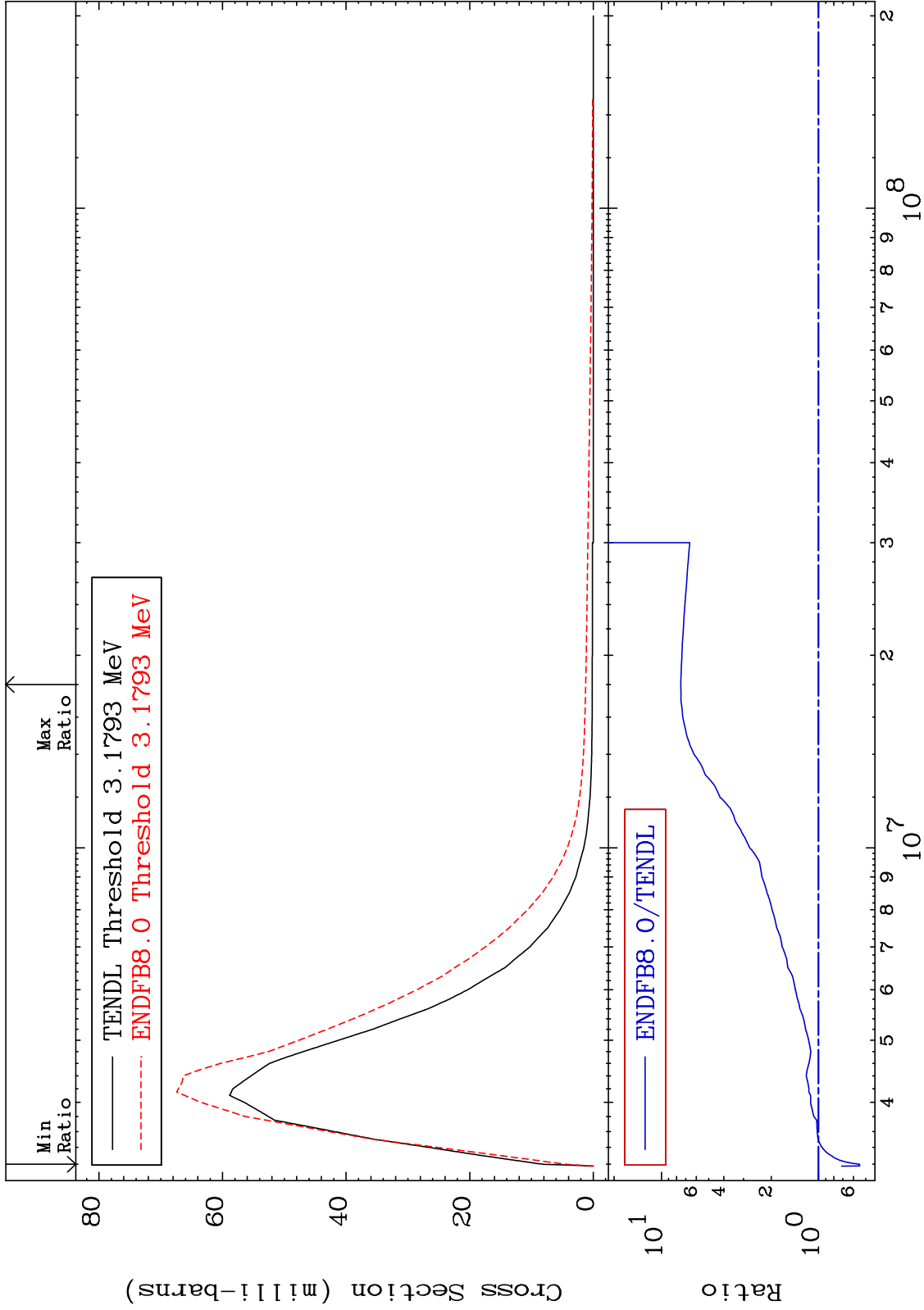
MAT 2631 MT= 56 (n,n') Level Cross Section -52.51 To 9999. % 26-Fe-56



MAT 2631

MT= 57 (n,n') Level
Cross Section

26-Fe-56
-45.27 To 652.4 %



12

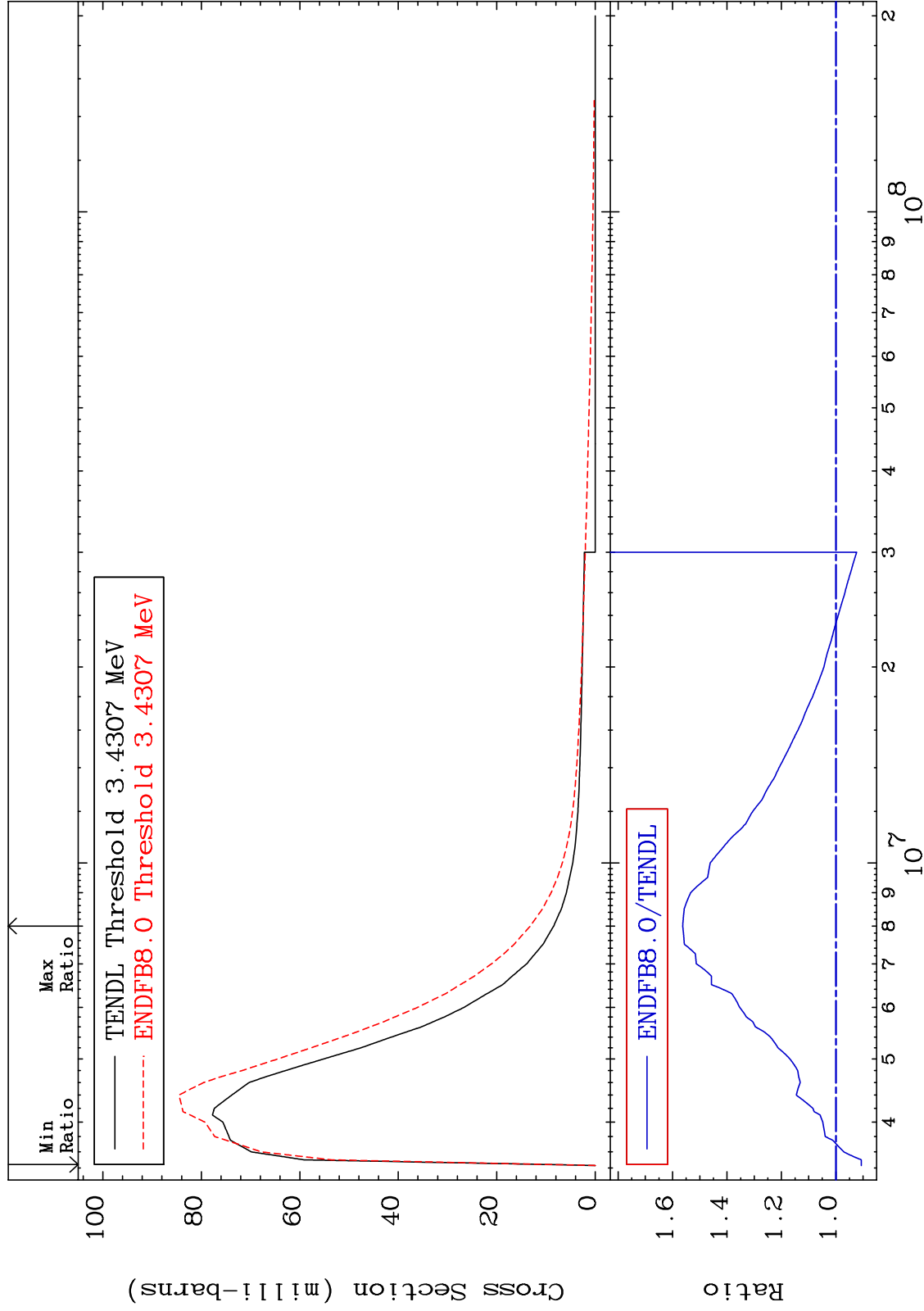
Incident Energy (eV)

26-Fe-56

MAT 2631

MT= 58 (n,n') Level
Cross Section

26-Fe-56
-9.357 To 56.29 %

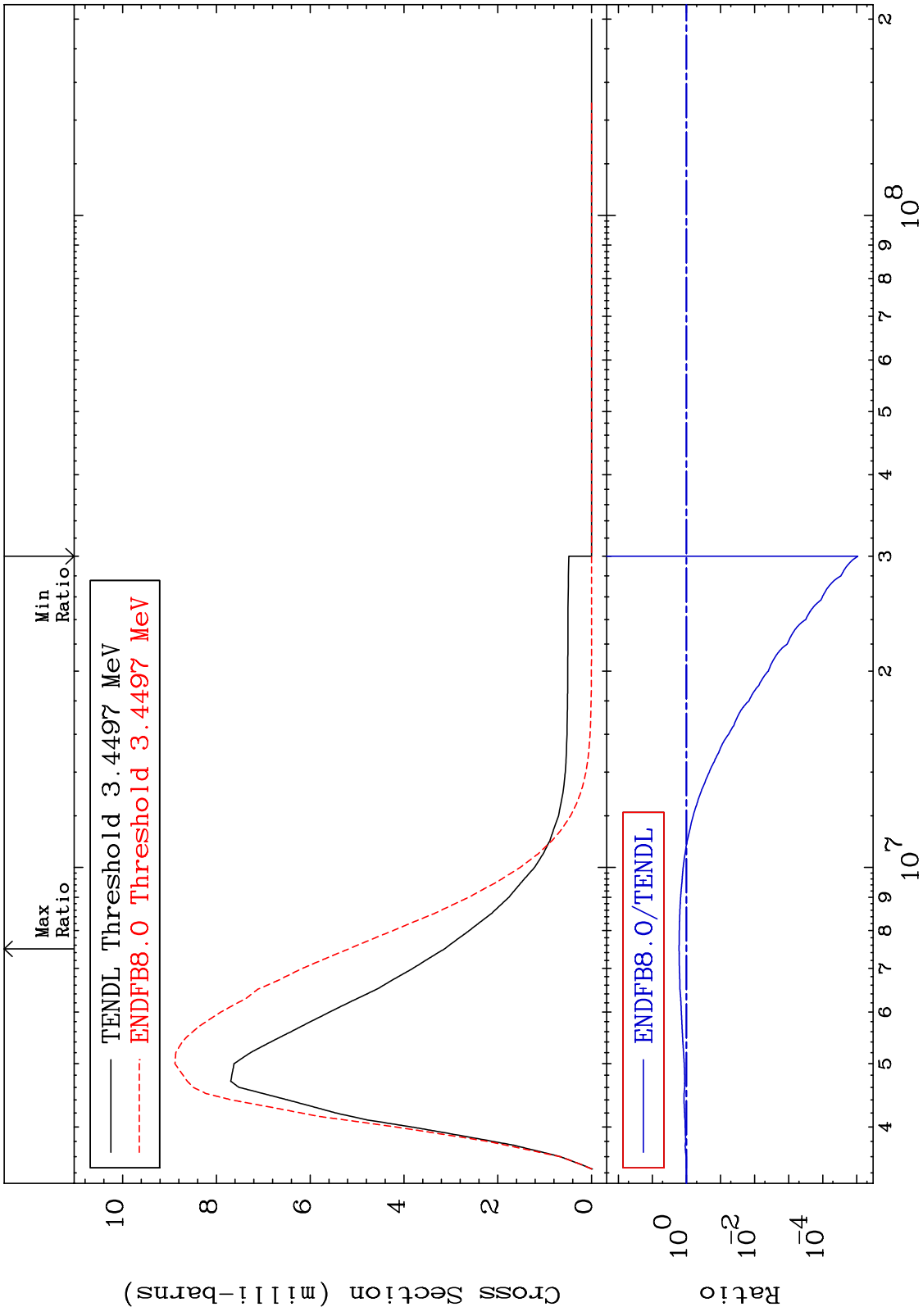


13

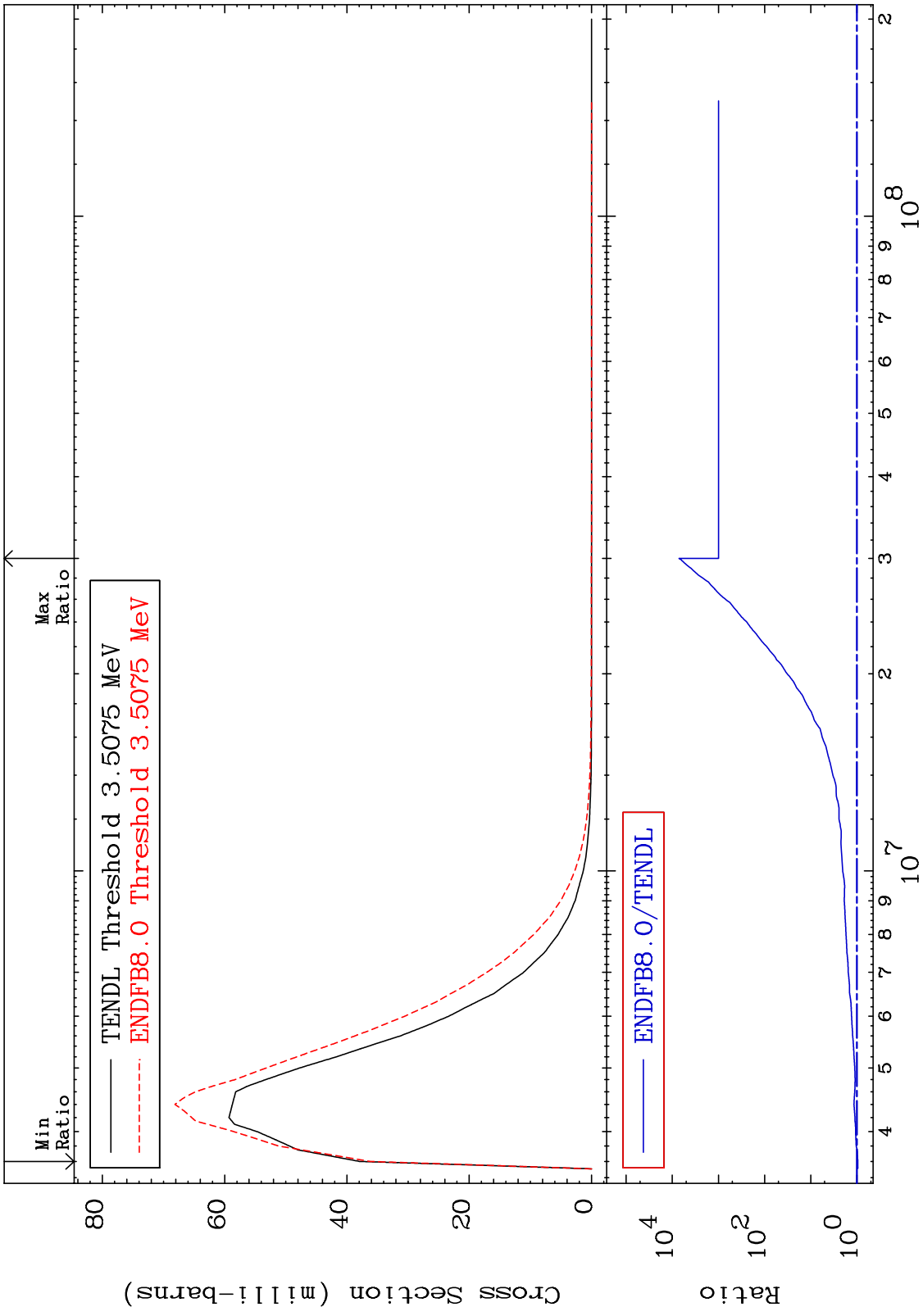
26-Fe-56

26-Fe-56

MAT 2631 MT= 59 (n,n') Level Cross Section -100.0 To 65.07 % 26-Fe-56

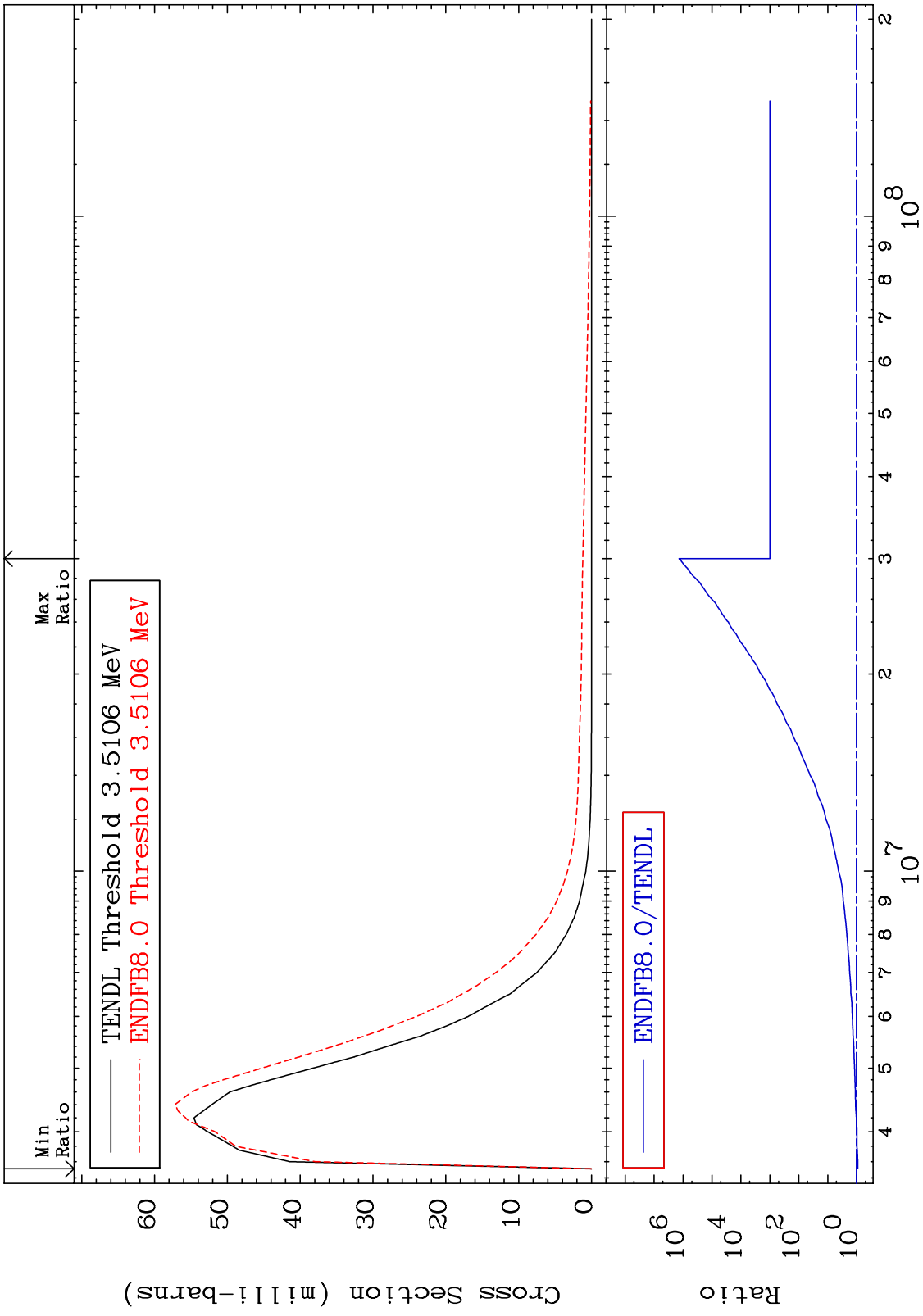


MAT 2631 MT= 60 (n,n') Level Cross Section -4.508 To 9999. % 26-Fe-56

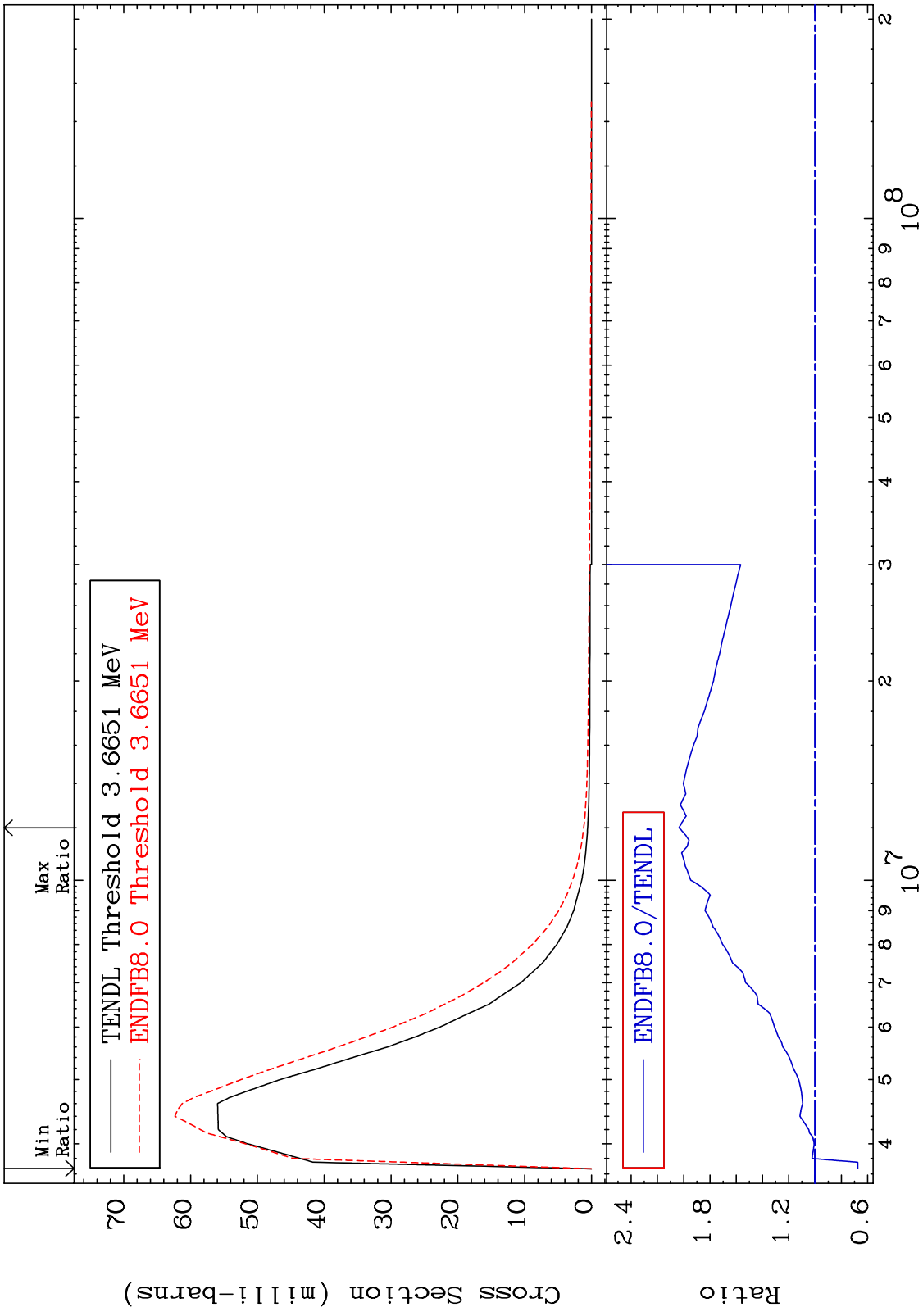


15 26-Fe-56

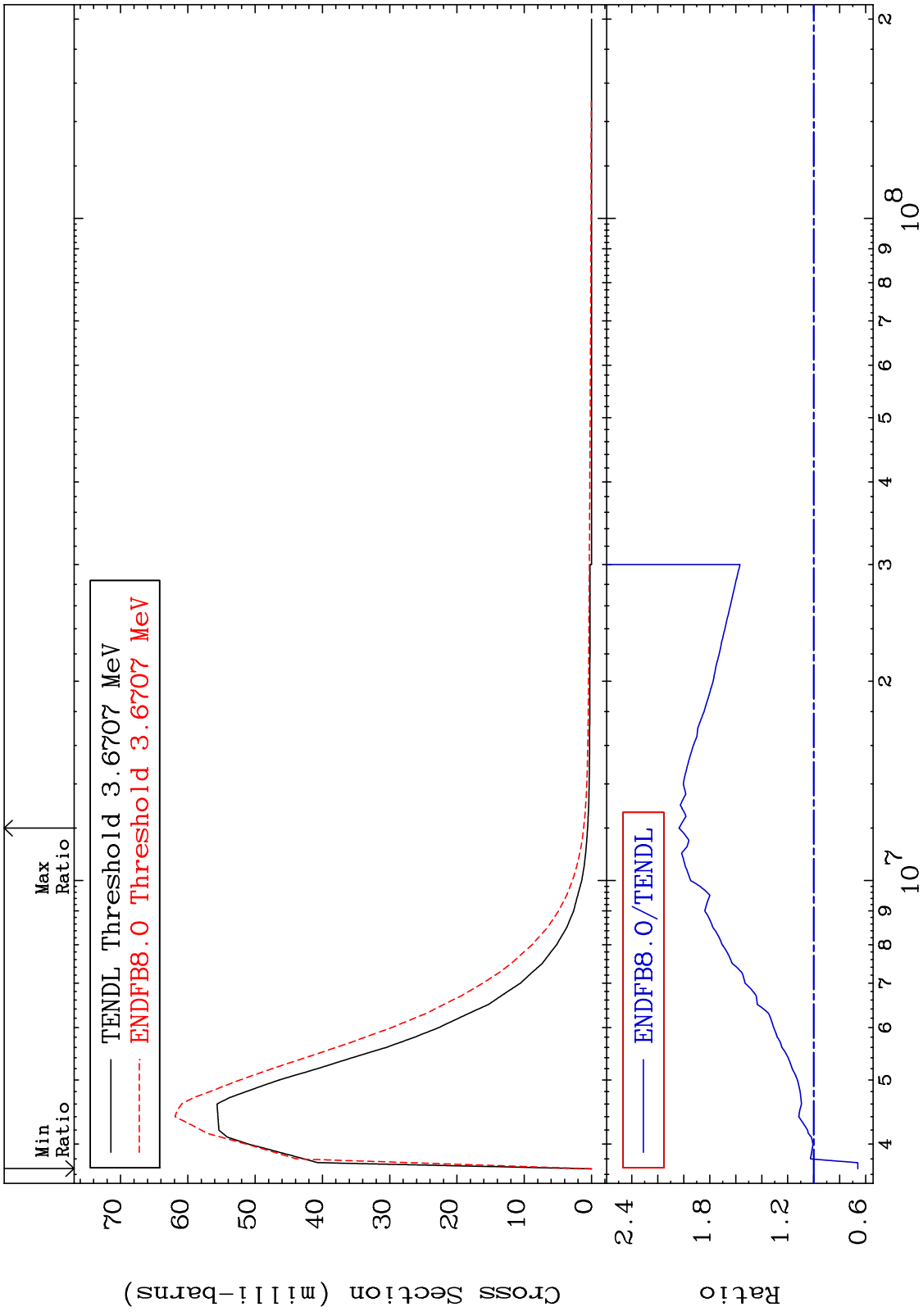
MAT 2631 MT= 61 (n,n') Level Cross Section 26-Fe-56
 -8.664 To 9999. %



MAT 2631 MT= 62 (n,n') Level Cross Section -32.58 To 103.5 % 26-Fe-56



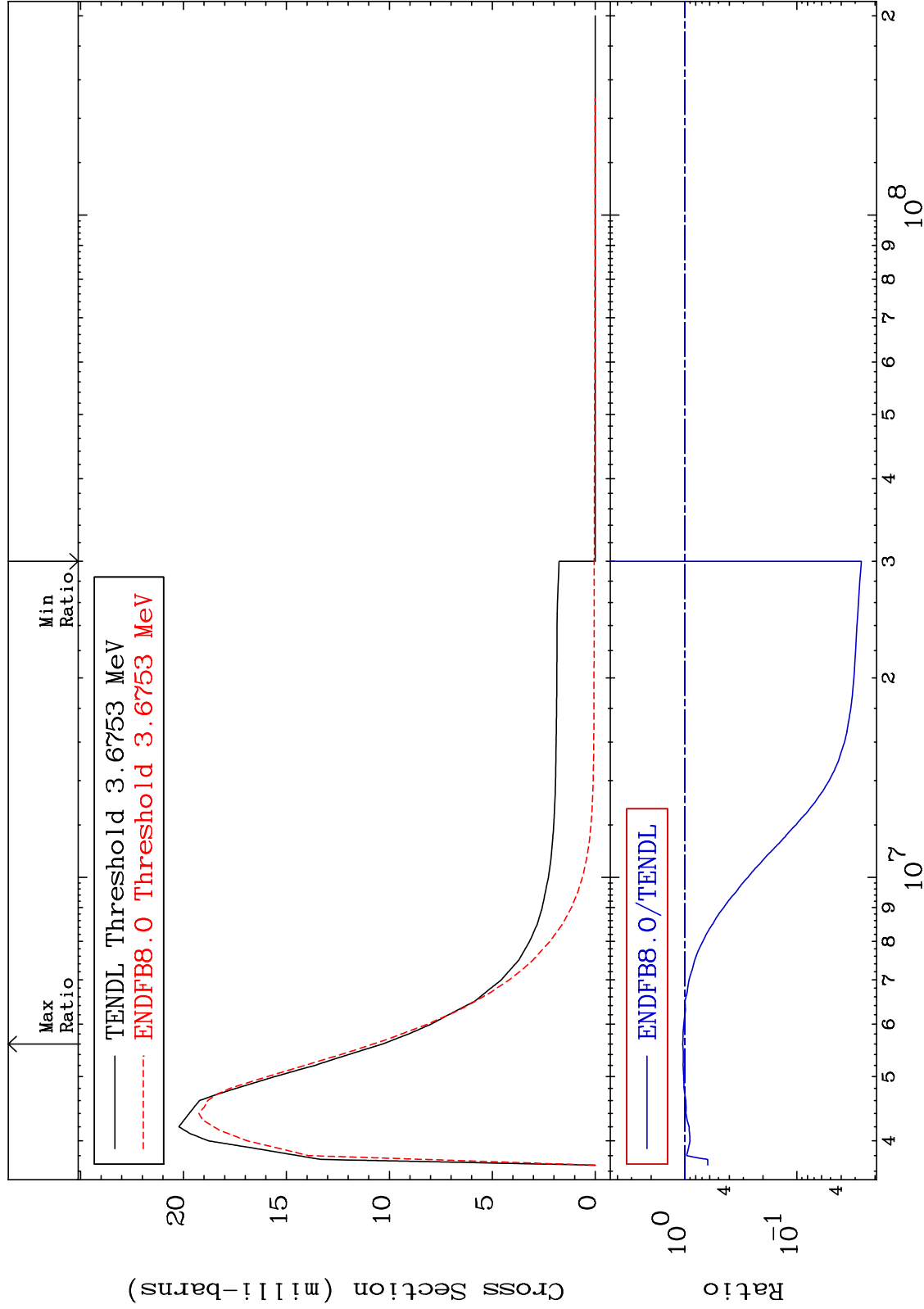
MAT 2631 MT= 63 (n,n') Level Cross Section -33.91 To 103.6 % 26-Fe-56



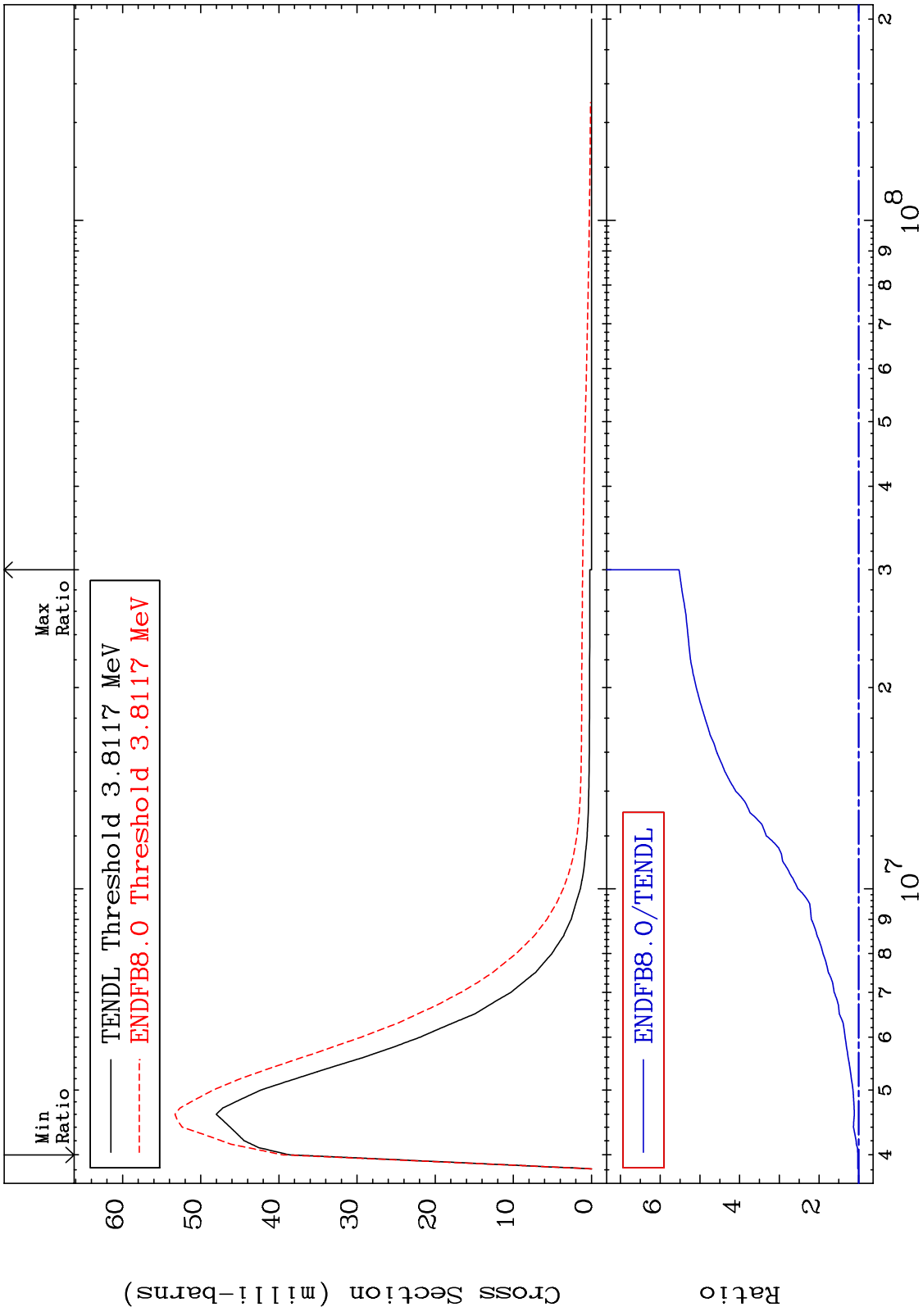
MAT 2631

MT= 64 (n,n') Level
Cross Section

26-Fe-56
-97.35 To 4.491 %

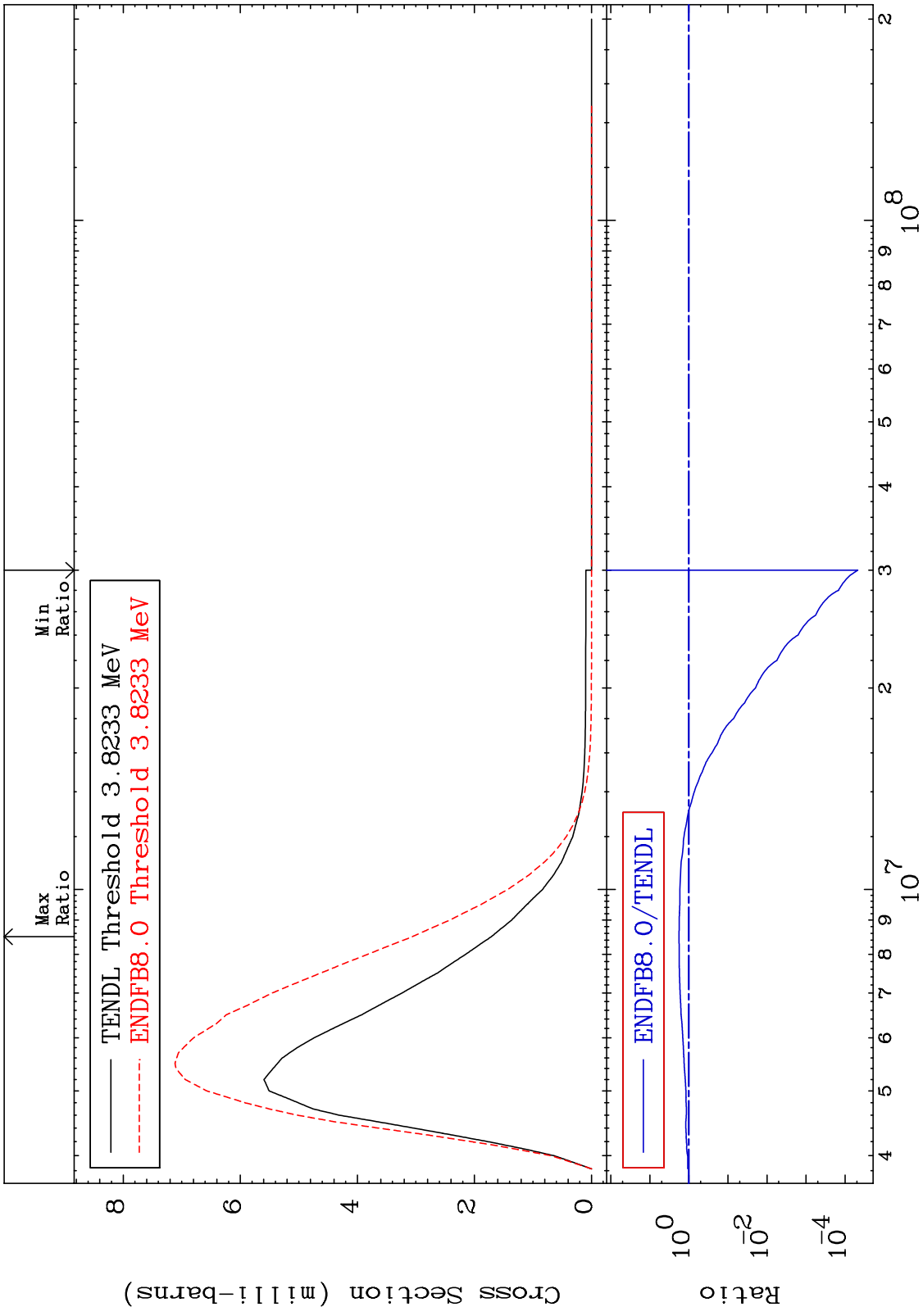


MAT 2631 MT= 65 (n,n') Level Cross Section 26-Fe-56 To 452.5 %



20 26-Fe-56

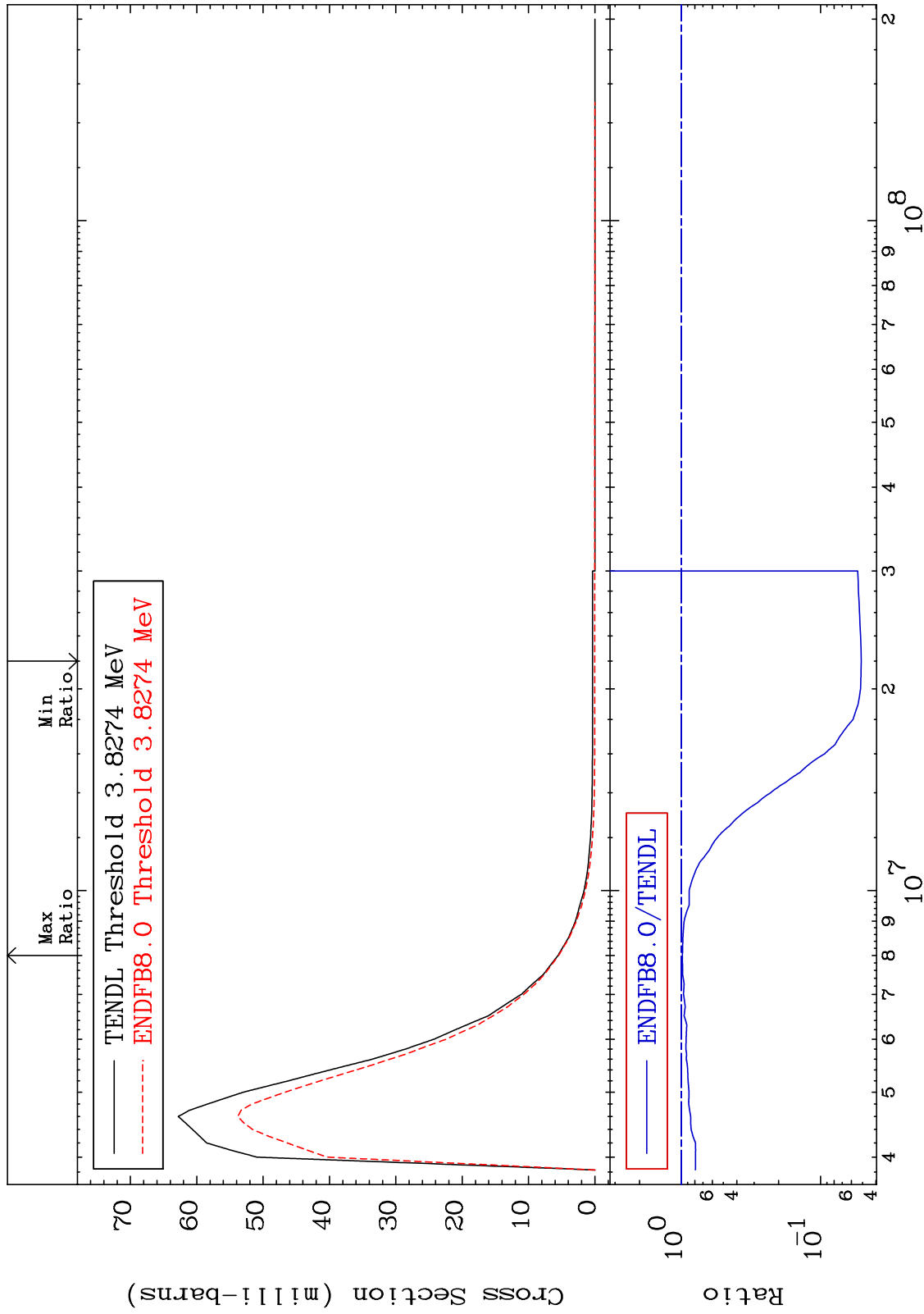
MAT 2631 MT= 66 (n,n') Level Cross Section -100.0 To 78.89 % 26-Fe-56



MAT 2631

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

26-Fe-56
-94.90 To -1.793%

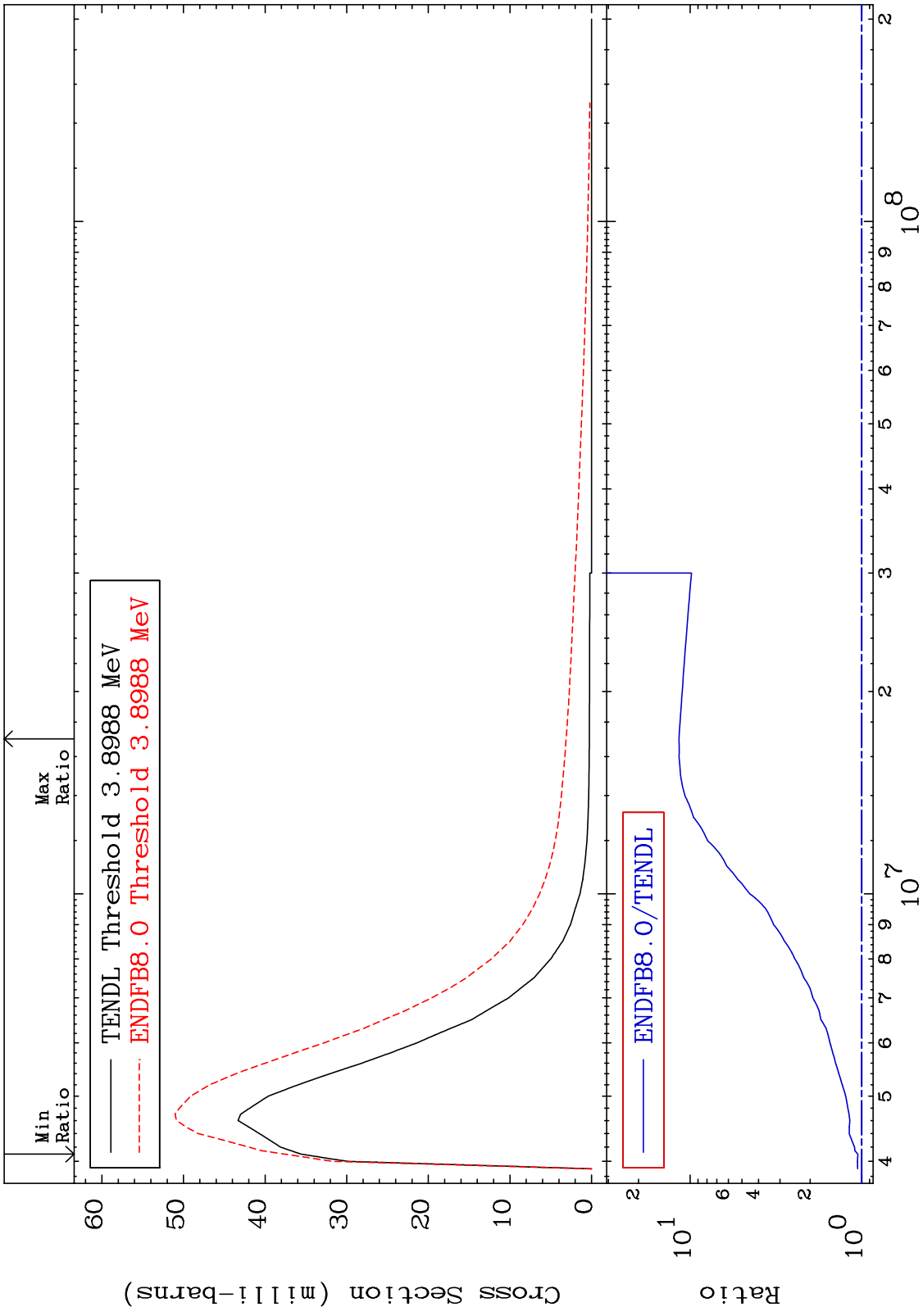


22

Incident Energy (eV)

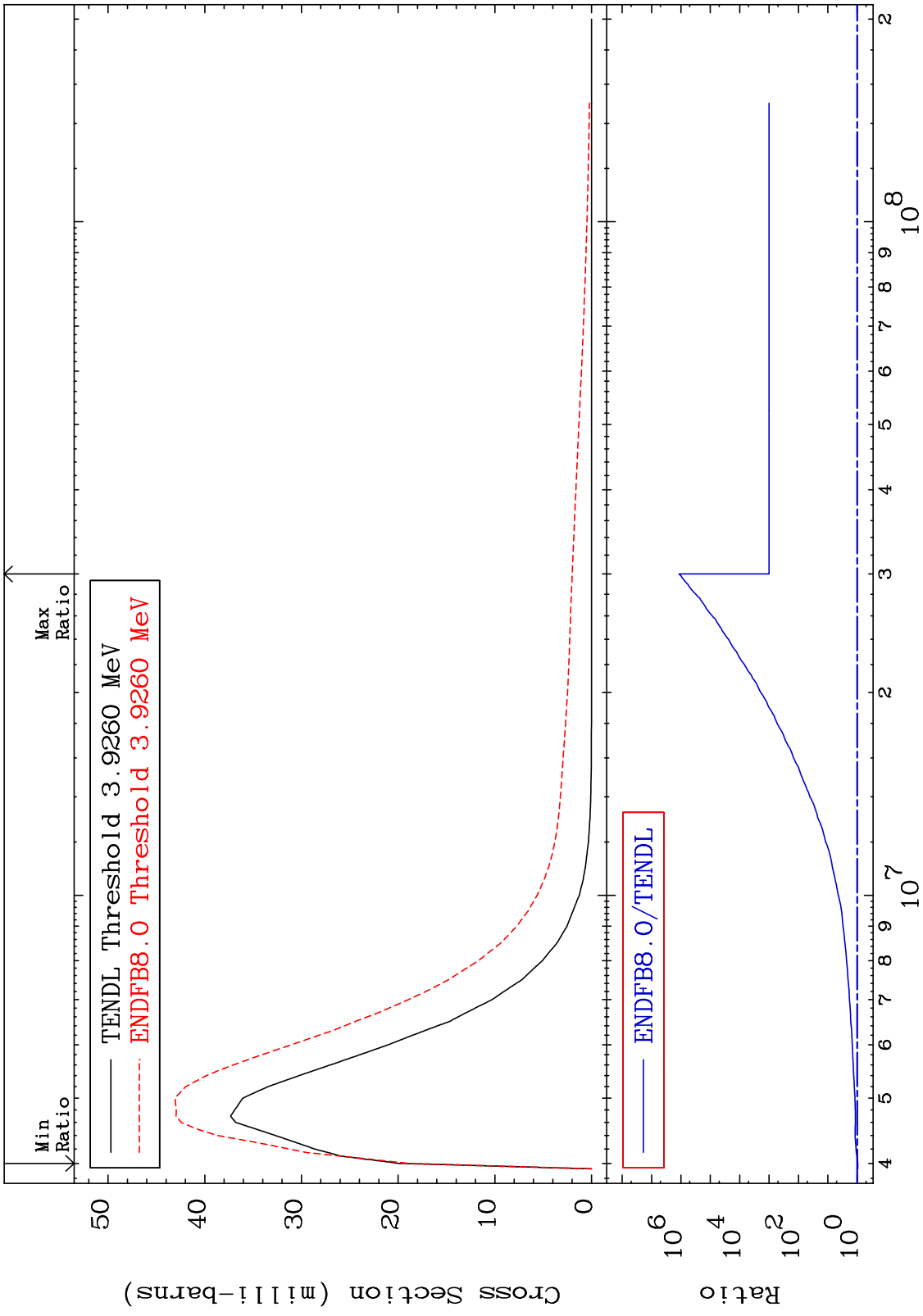
26-Fe-56

MAT 2631 MT= 68 (n,n') Level Cross Section 26-Fe-56
 5.446 To 1062. %



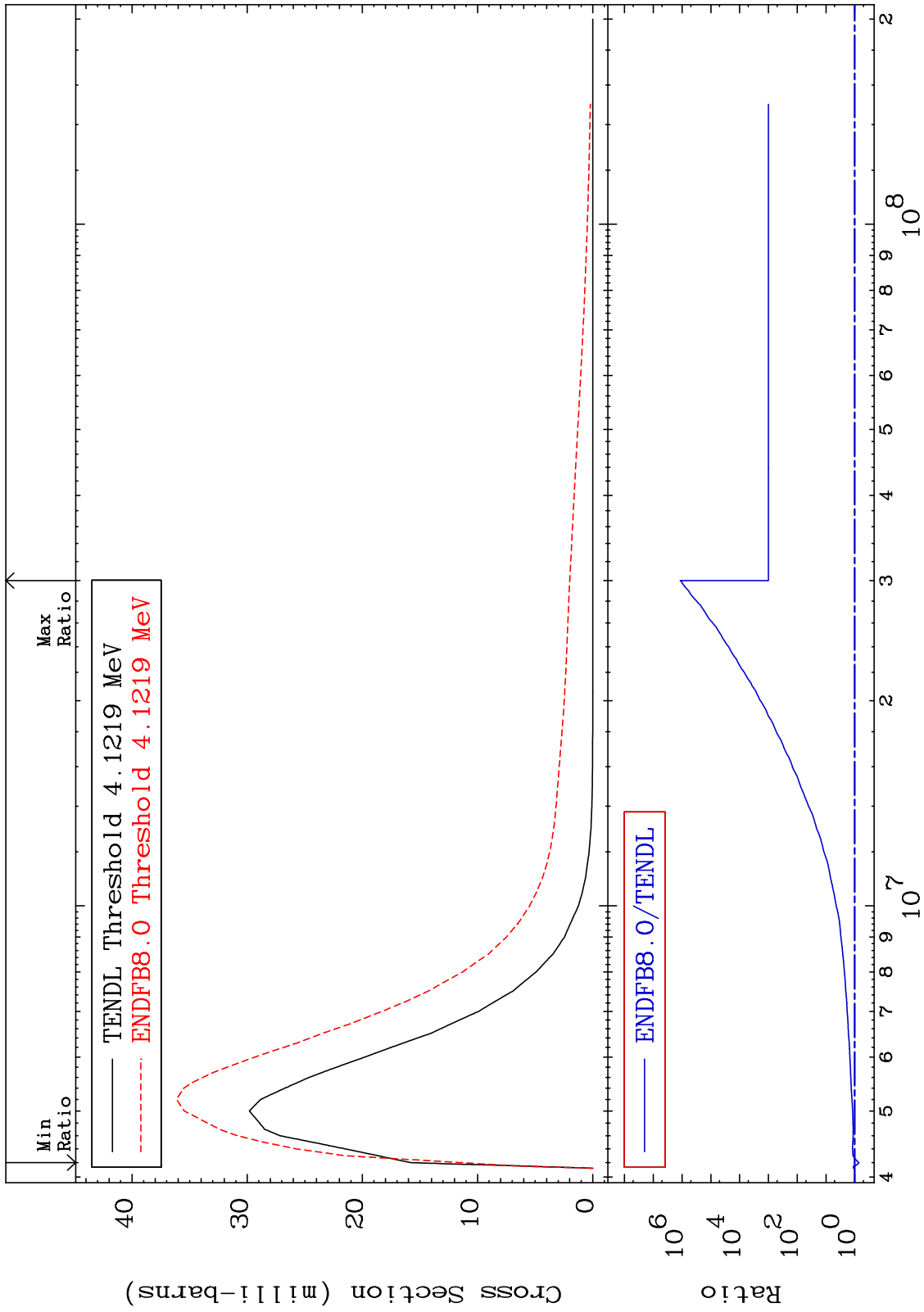
23 Incident Energy (eV) 26-Fe-56

MAT 2631 MT= 69 (n,n') Level Cross Section -4.779 To 9999. % 26-Fe-56

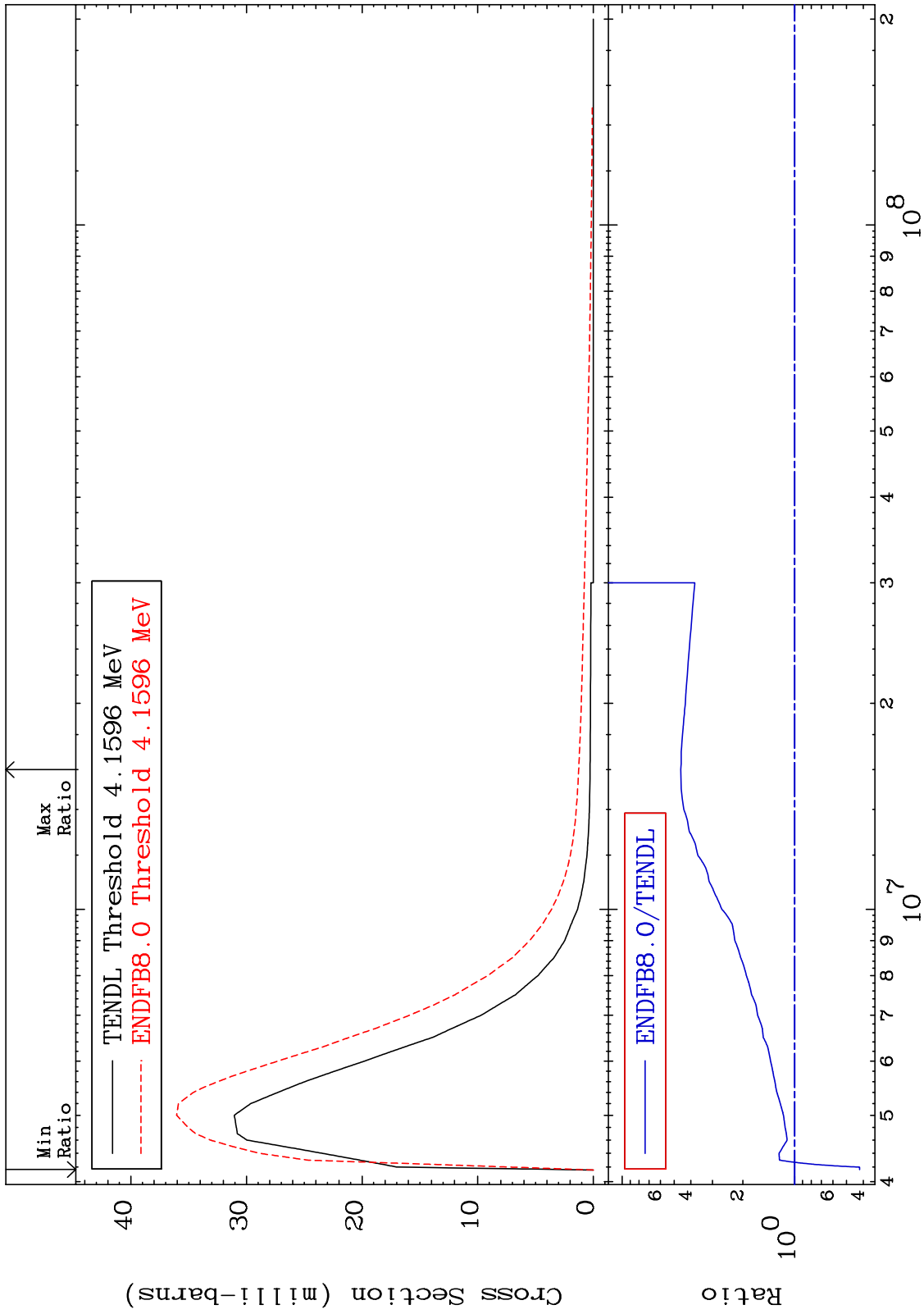


24 26-Fe-56

MAT 2631 MT= 70 (n,n') Level Cross Section -27.95 To 9999. % 26-Fe-56



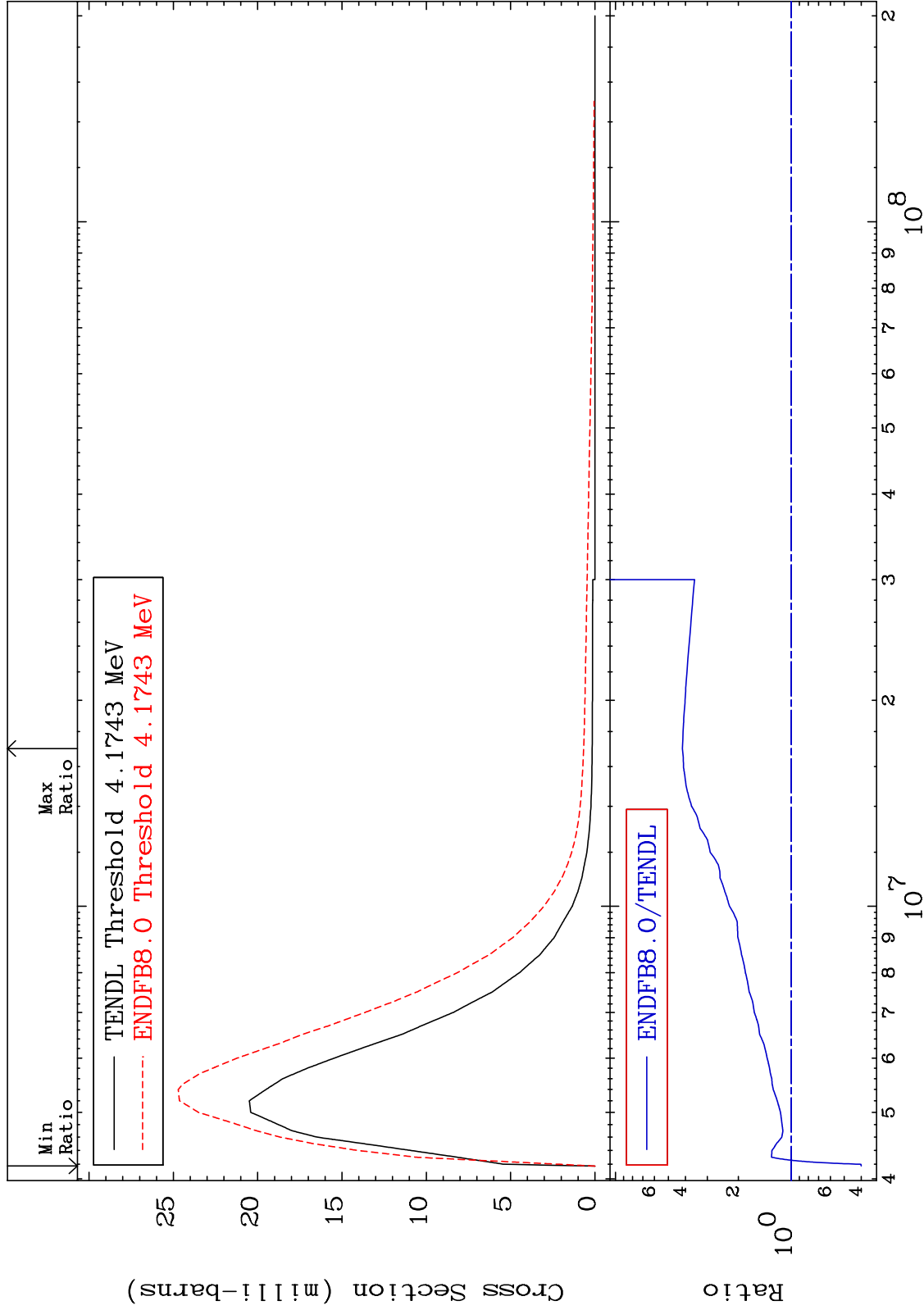
MAT 2631 MT= 71 (n,n') Level Cross Section -58.04 To 357.3 % 26-Fe-56



MAT 2631

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

26-Fe-56
-60.00 To 316.0 %

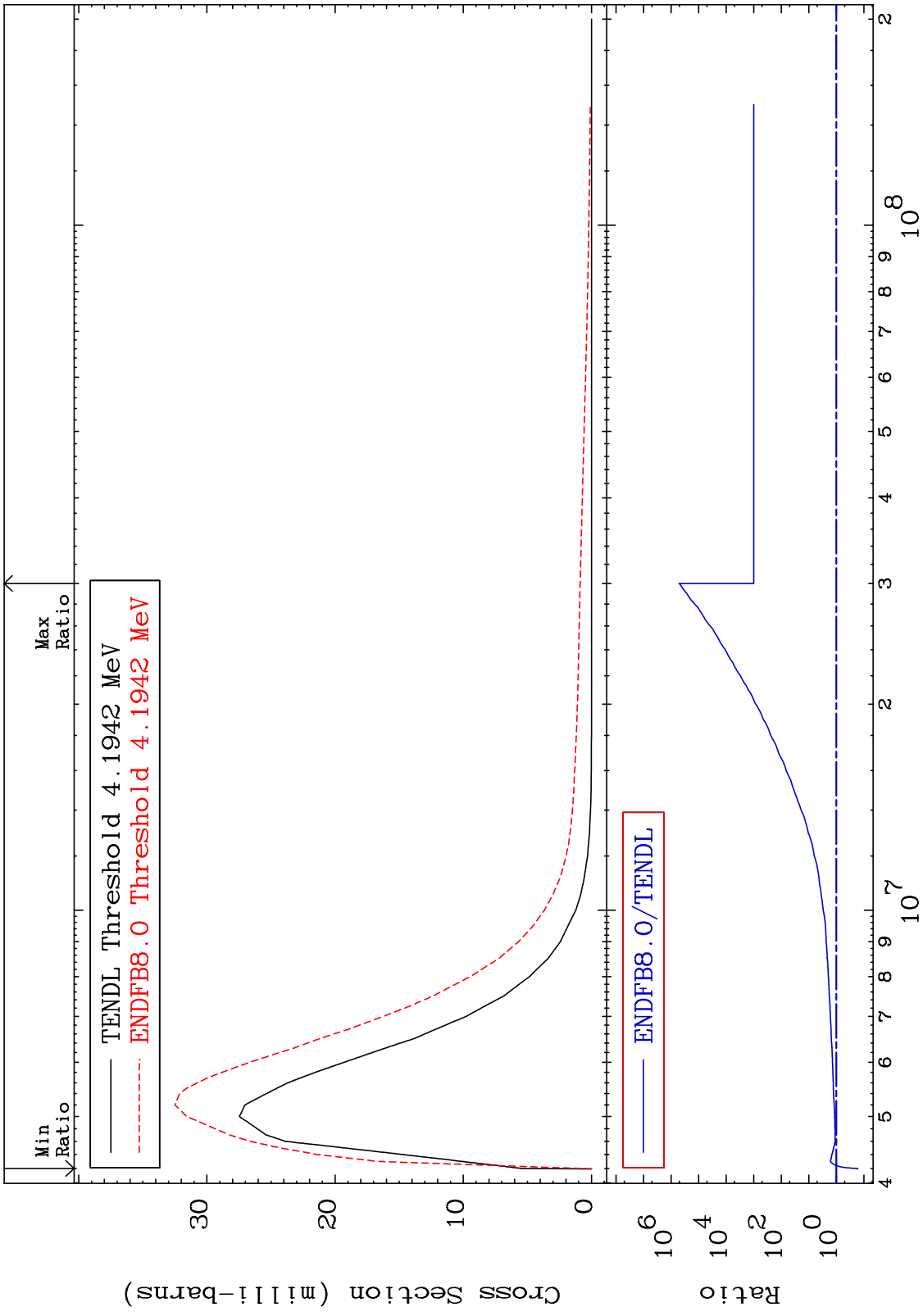


27

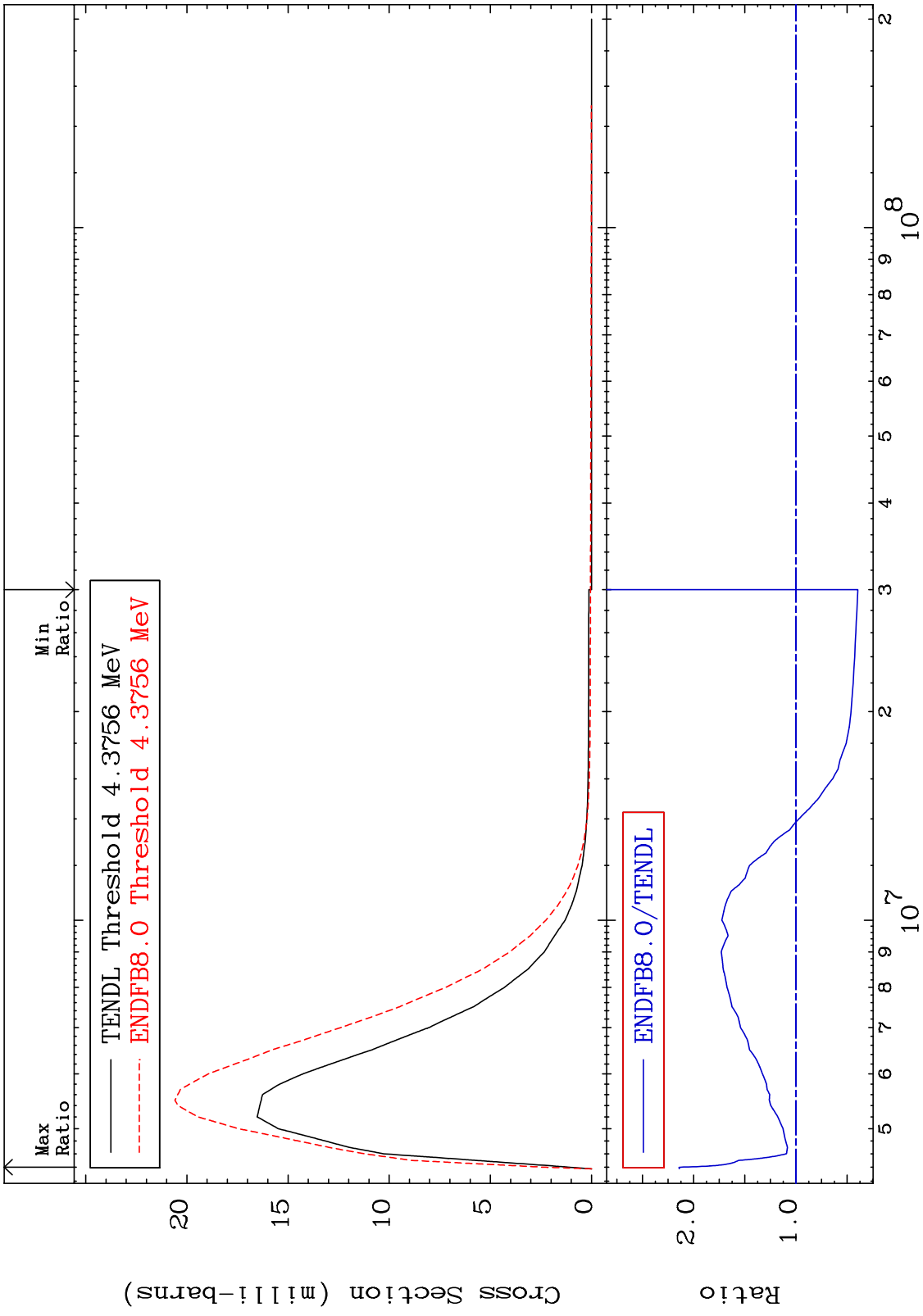
Incident Energy (eV)

26-Fe-56

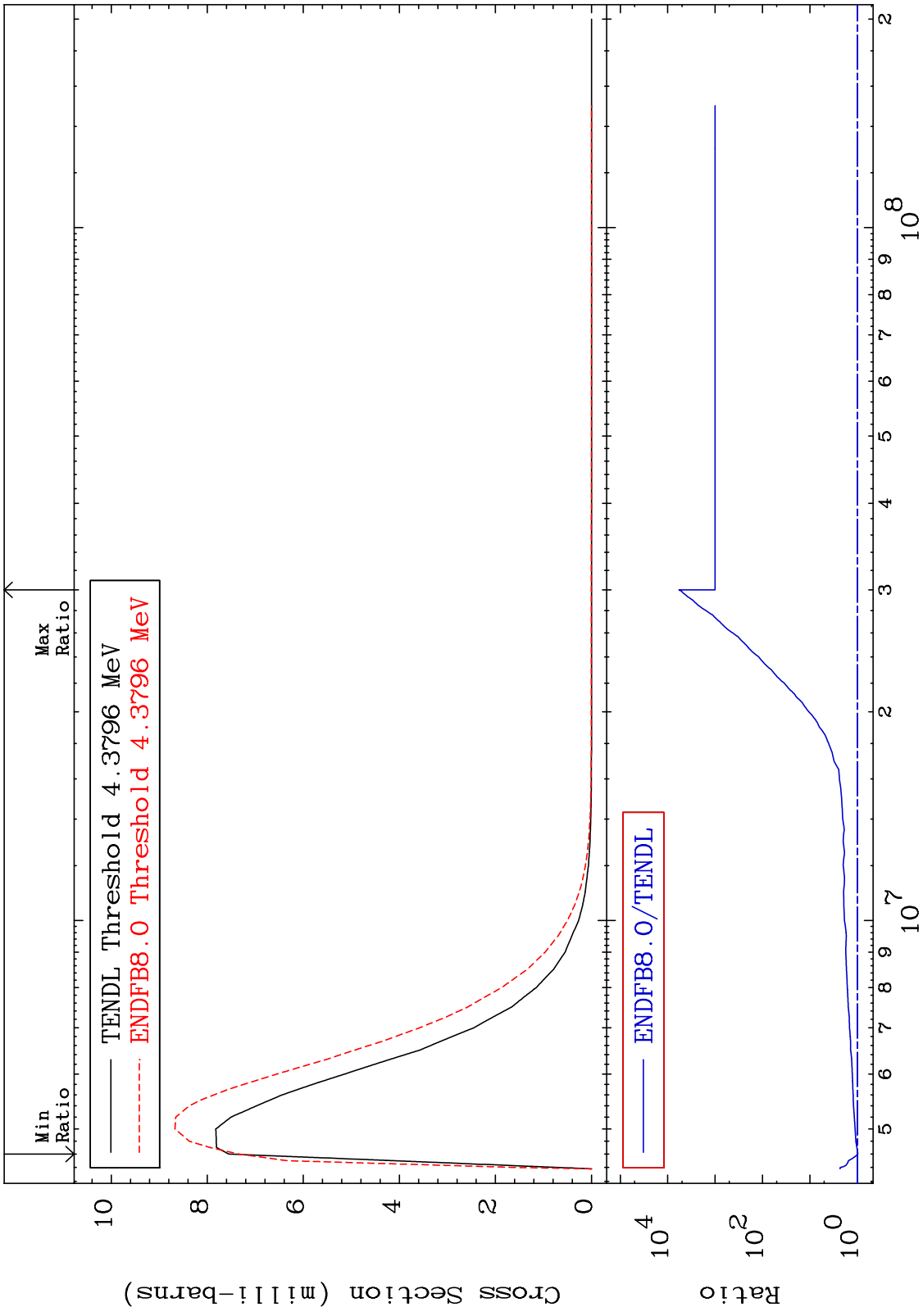
MAT 2631 MT= 73 (n,n') Level Cross Section -83.39 To 9999. % 26-Fe-56



MAT 2631 MT= 74 (n,n') Level Cross Section -60.44 To 114.3 % 26-Fe-56



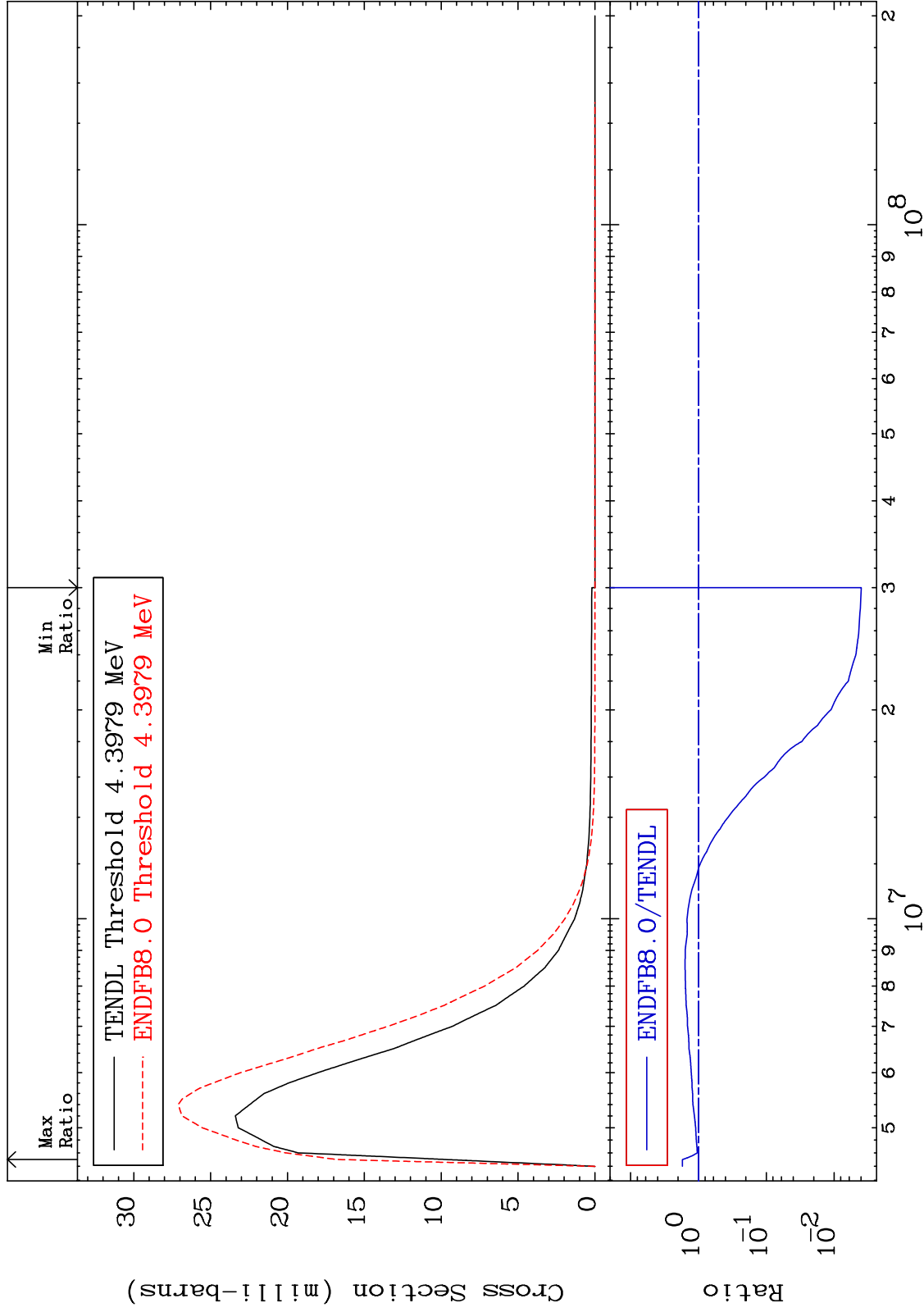
MAT 2631 MT= 75 (n,n') Level Cross Section -2.810 To 9999. % 26-Fe-56



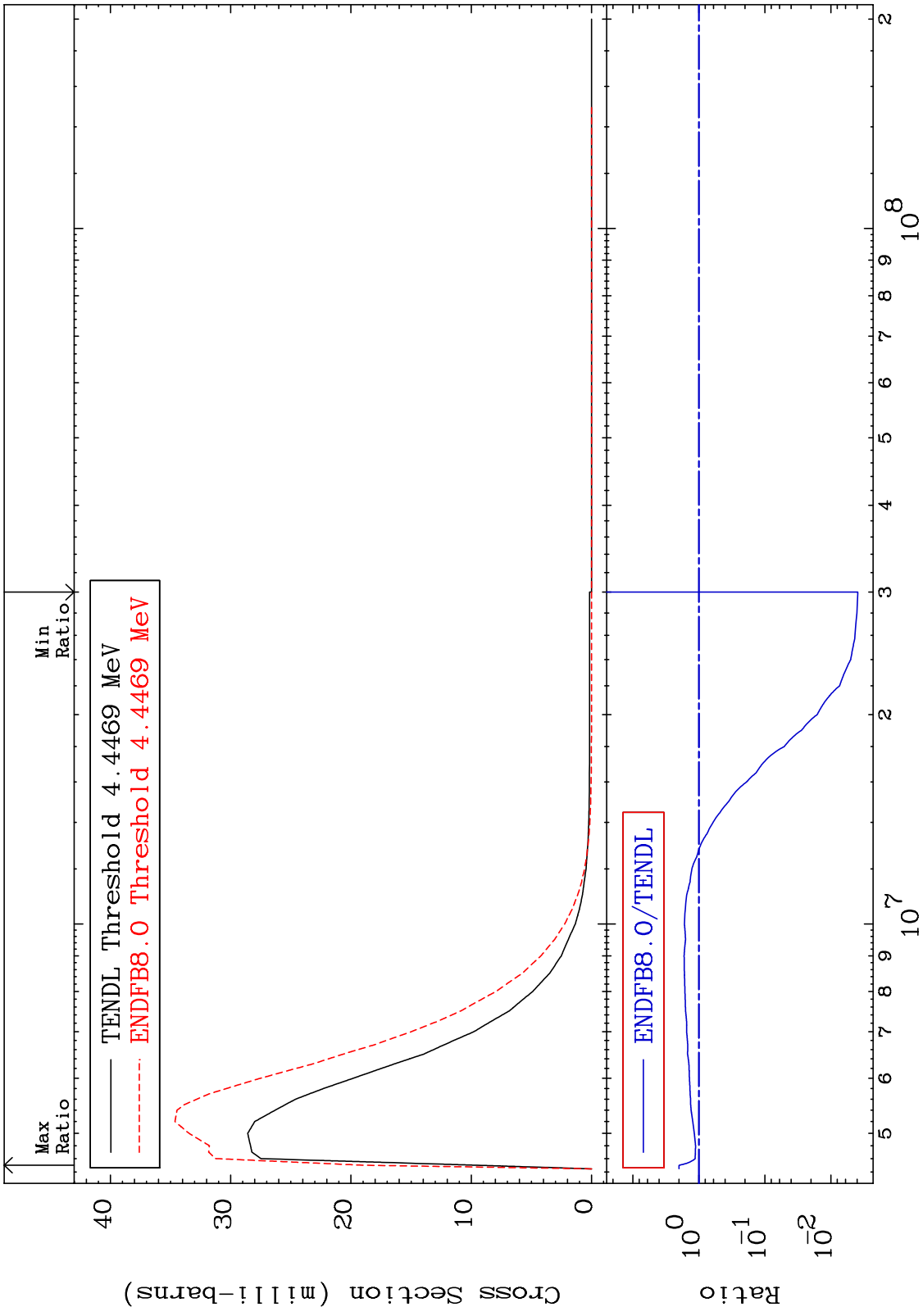
MAT 2631

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

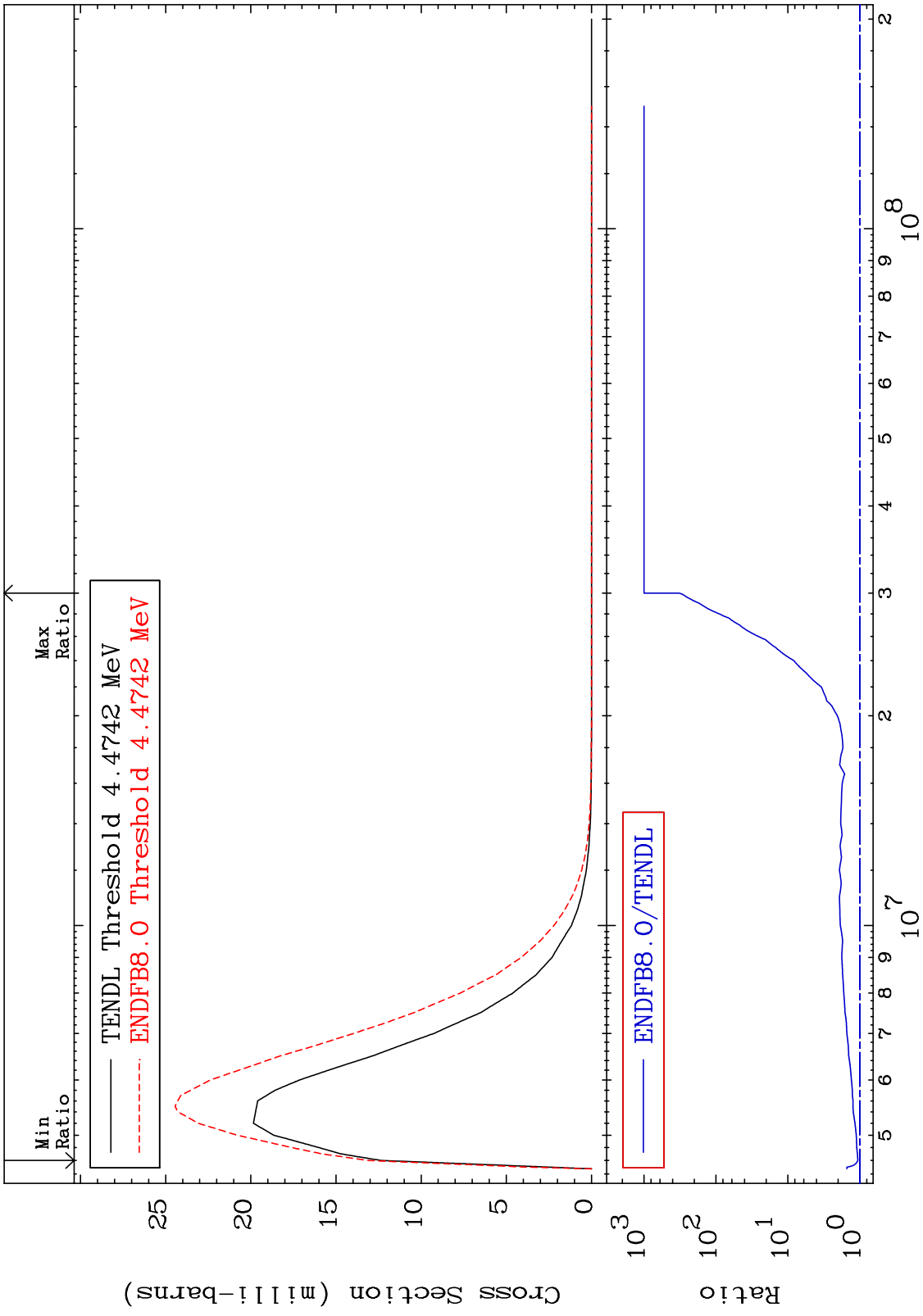
26-Fe-56
-99.60 To 72.34 %



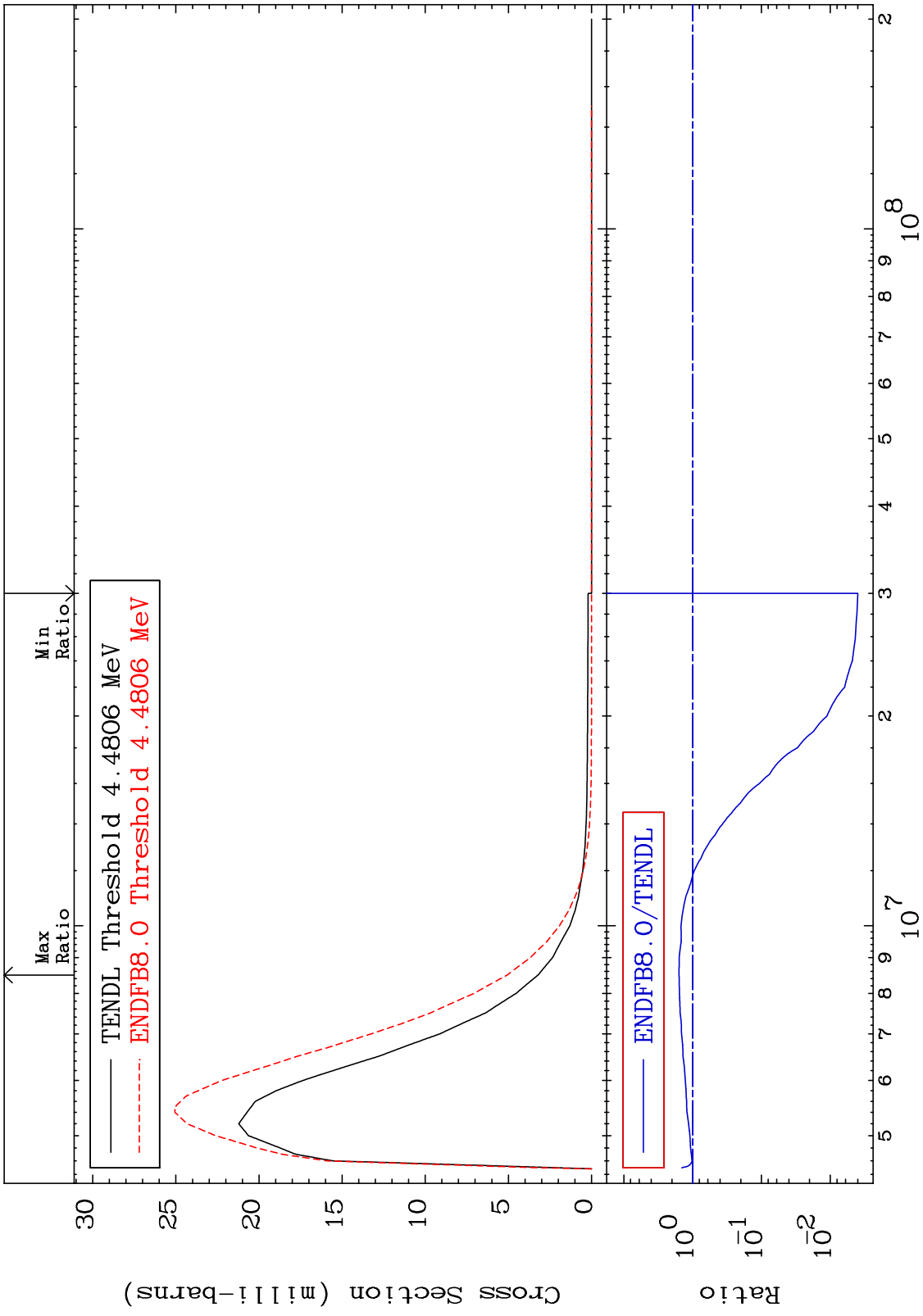
MAT 2631 MT= 77 (n,n') Level Cross Section 26-Fe-56
 -99.61 To 99.30 %



MAT 2631 MT= 78 (n,n') Level Cross Section 26-Fe-56 6.181 To 9999. %



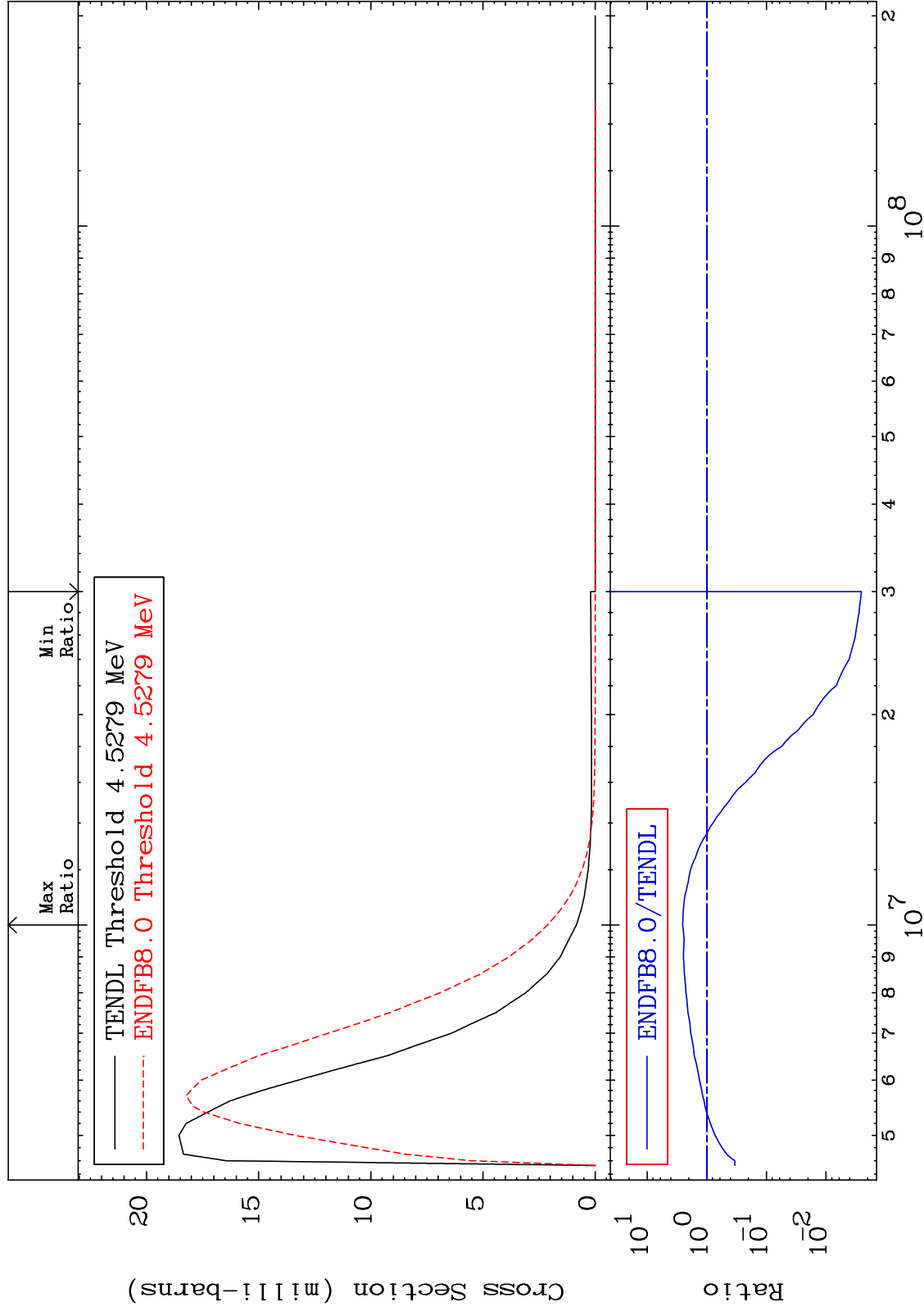
MAT 2631 MT= 79 (n,n') Level Cross Section -99.60 To 57.71 % 26-Fe-56



MAT 2631

MT= 80 (n,n') Level
Cross Section

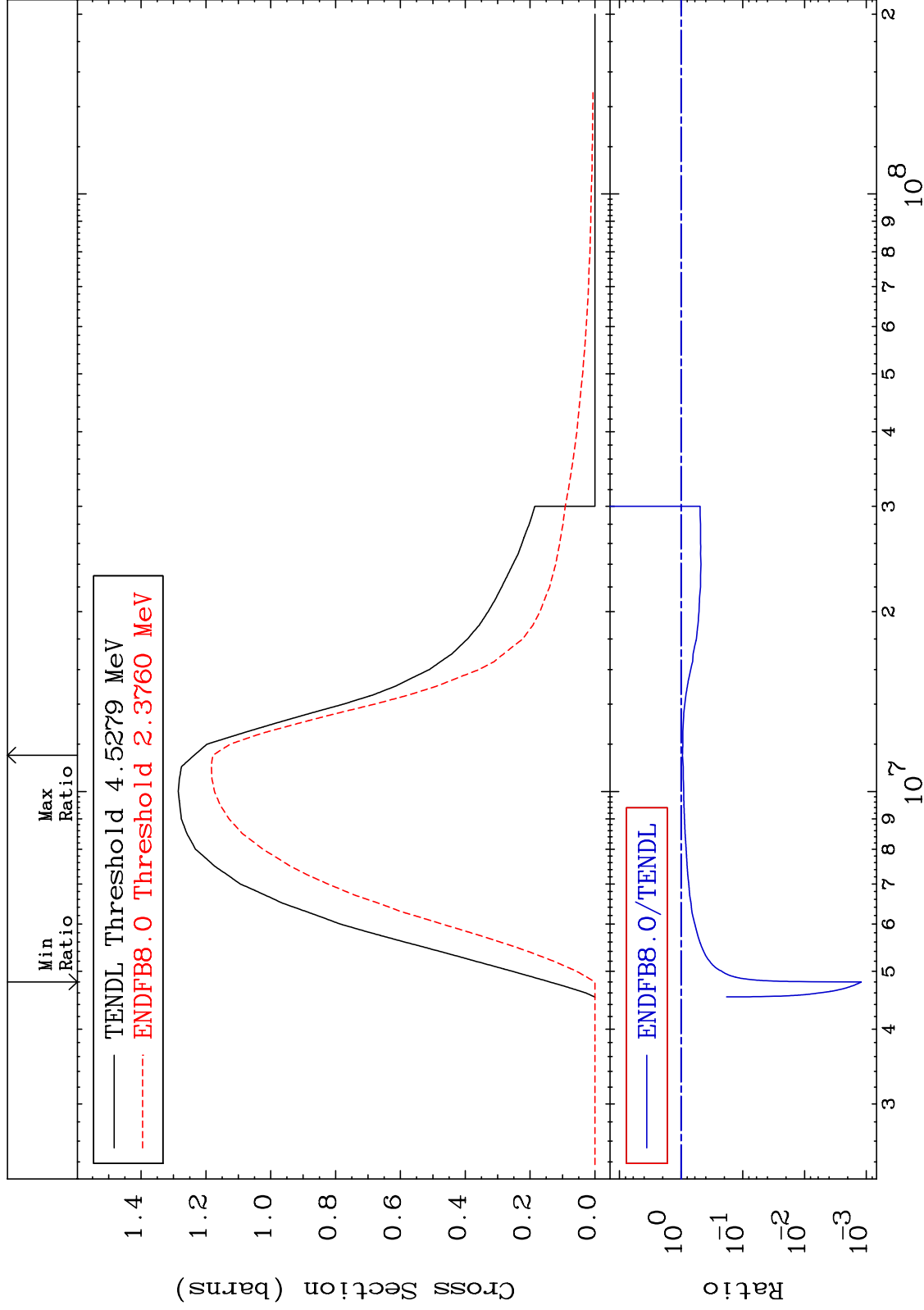
26-Fe-56
-99.74 To 153.4 %



MAT 2631

(n, n') Continuum
Cross Section

²⁶Fe-56
-99.88 To -4.676%



36

Incident Energy (eV)

²⁶Fe-56

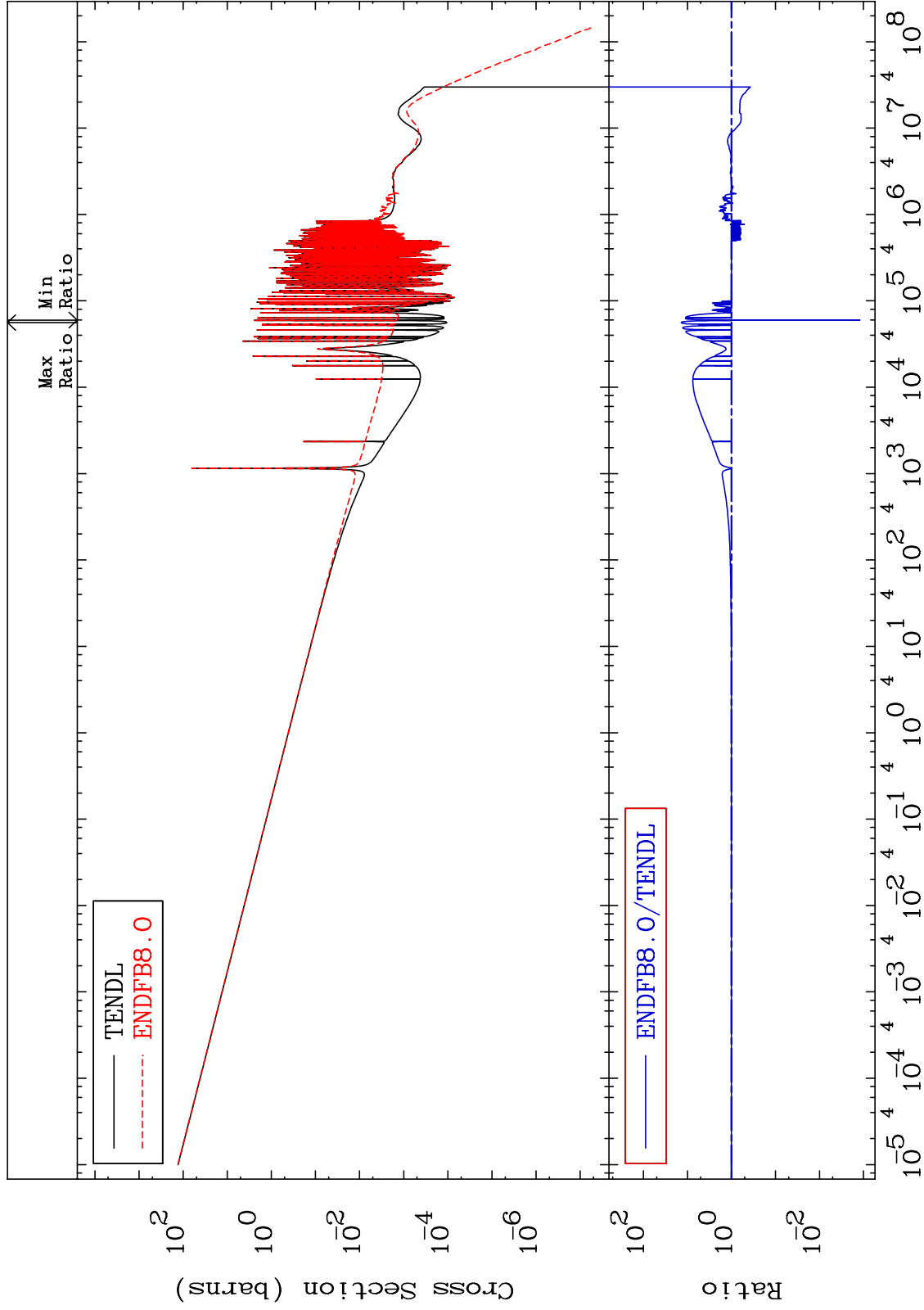
MAT 2631

(n, γ)

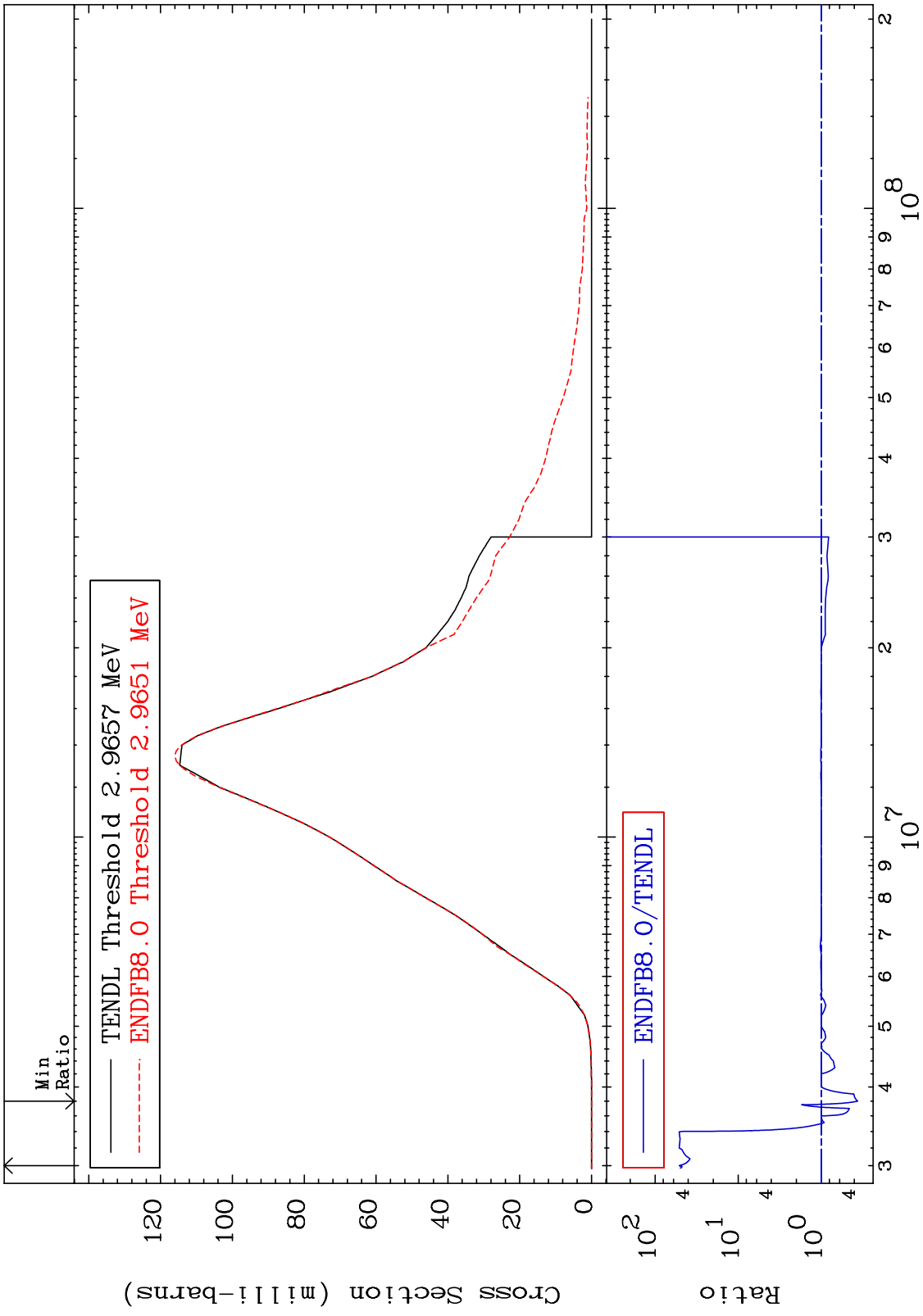
26-Fe-56

Cross Section

-99.88 To 1283. %



MAT 2631 (n,p) Cross Section 26-Fe-56 -63.73 To 5057. %



38 26-Fe-56 Incident Energy (eV)

MAT 2631

(n, α)

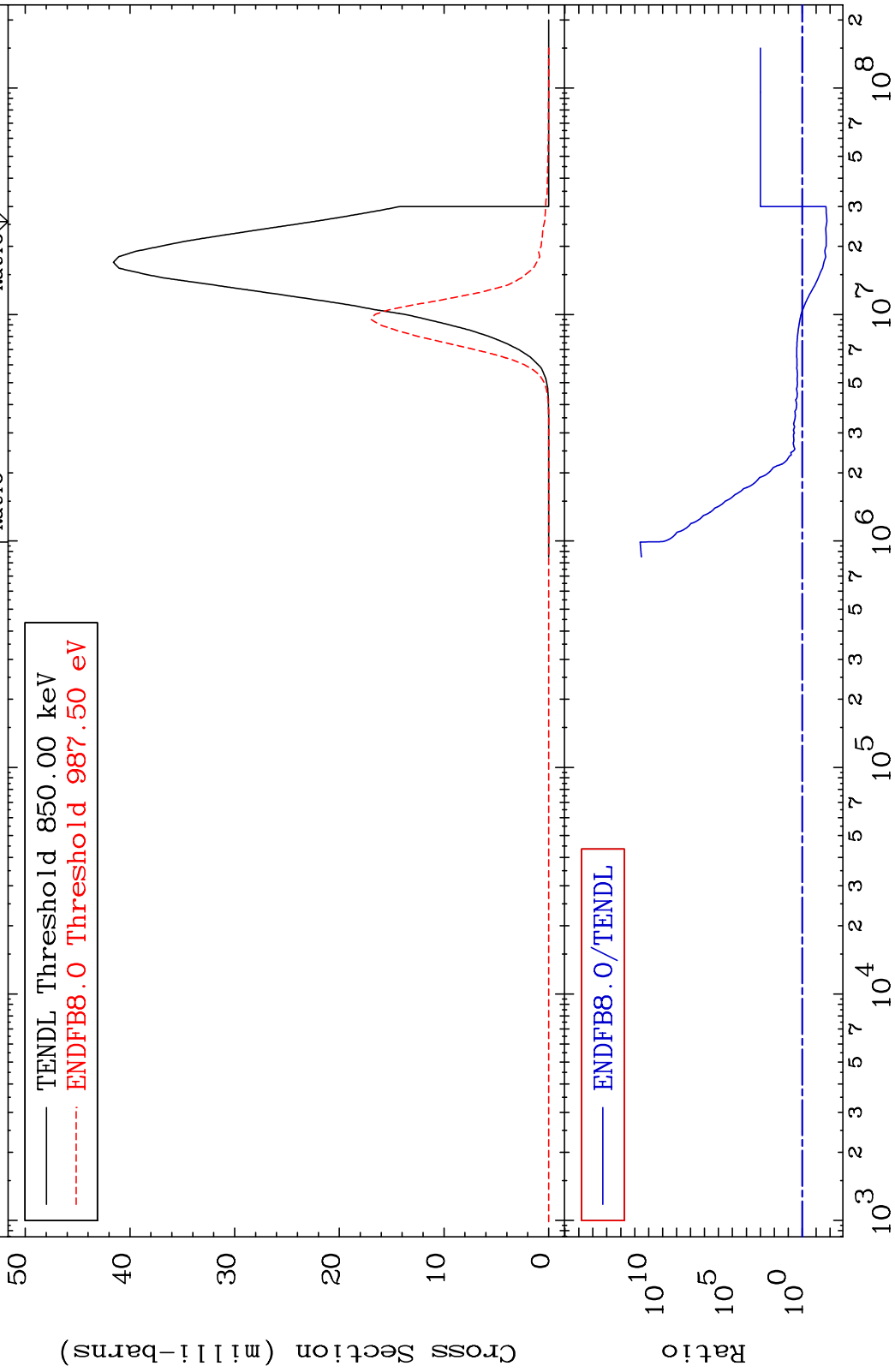
26-Fe-56

Cross Section

Max Ratio

Min Ratio

-98.30 To 9999. %

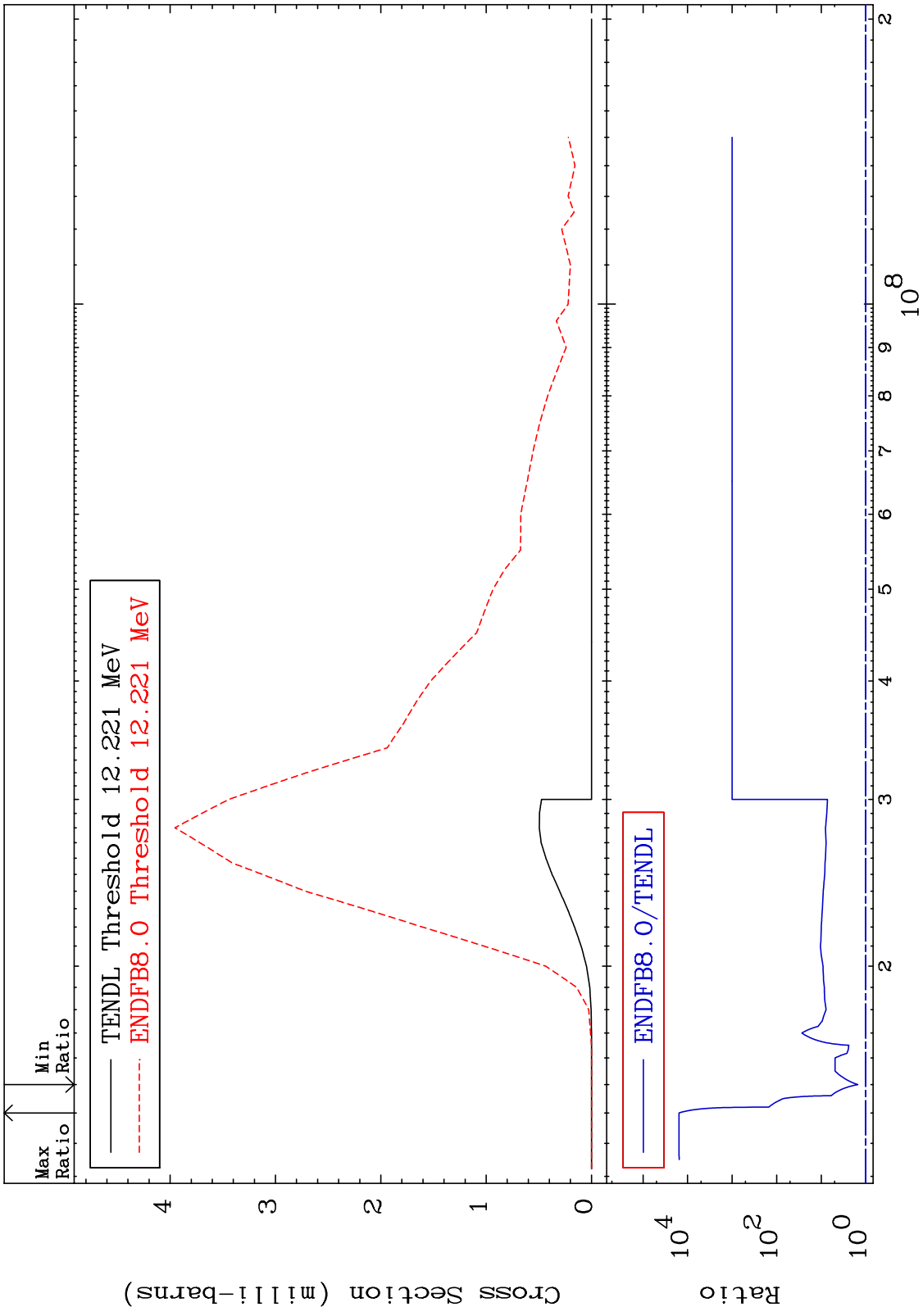


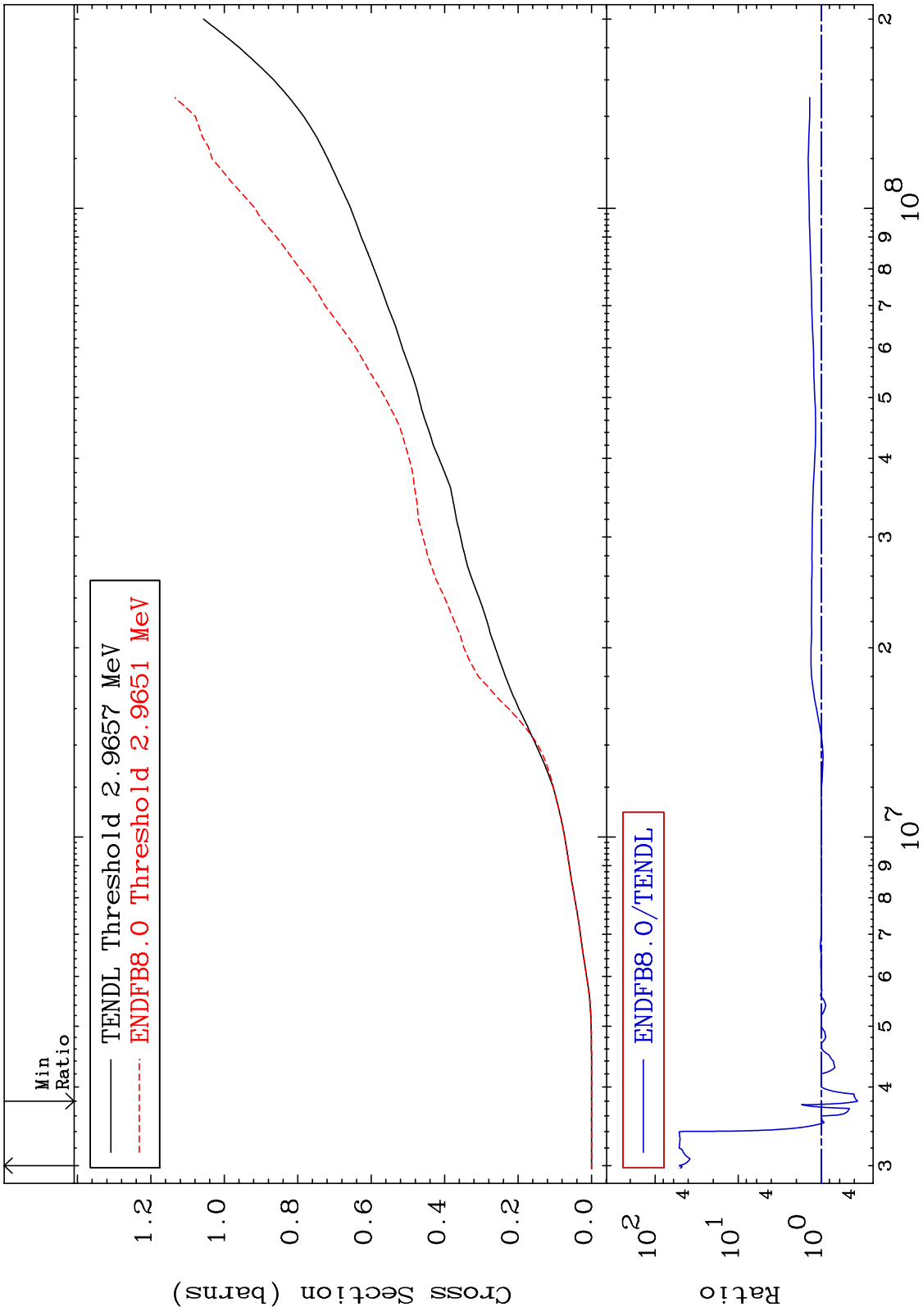
39

Incident Energy (eV)

26-Fe-56

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

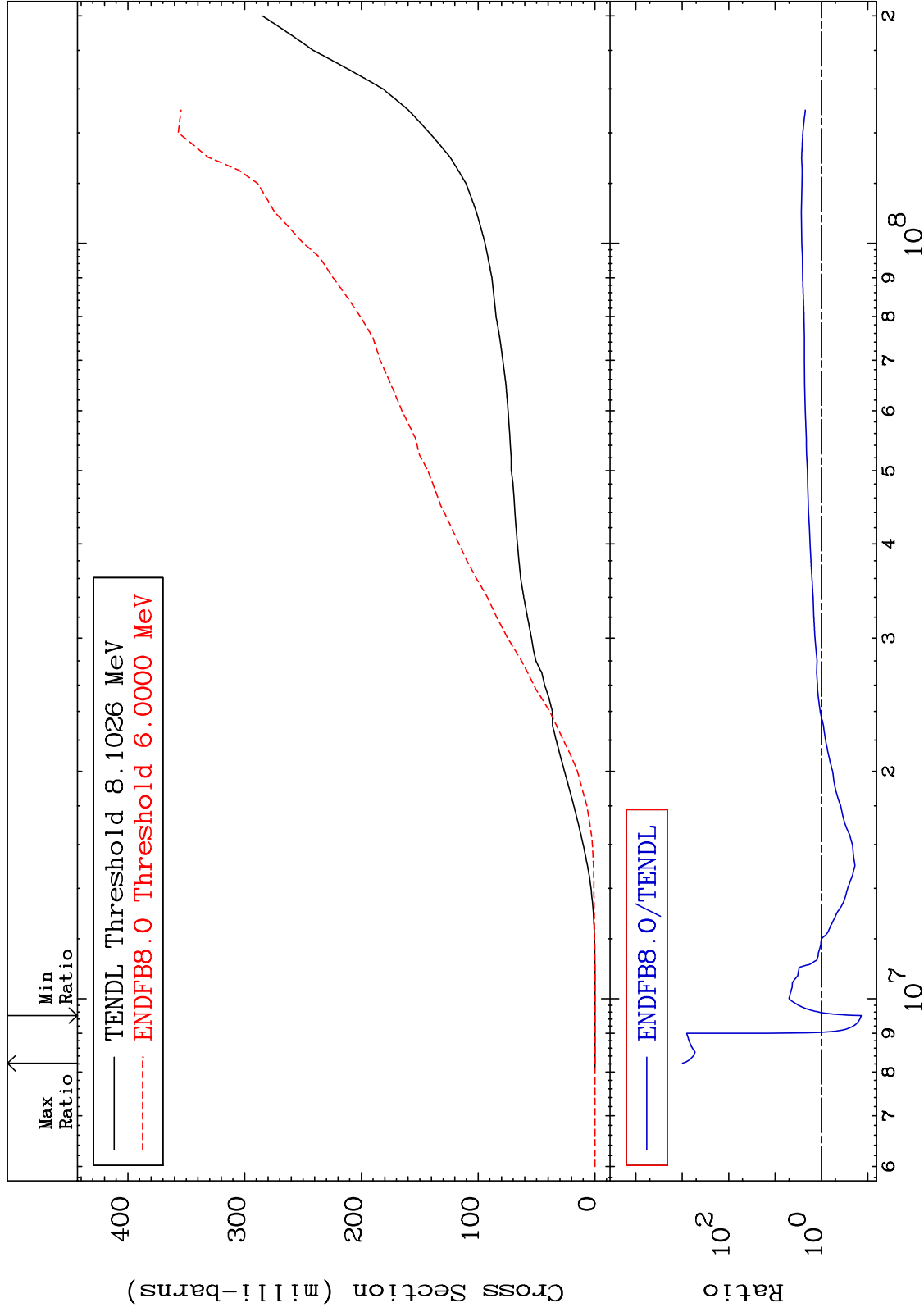




MAT 2631

Deuterium Production
Cross Section

26-Fe-56
-86.18 To 9999. %



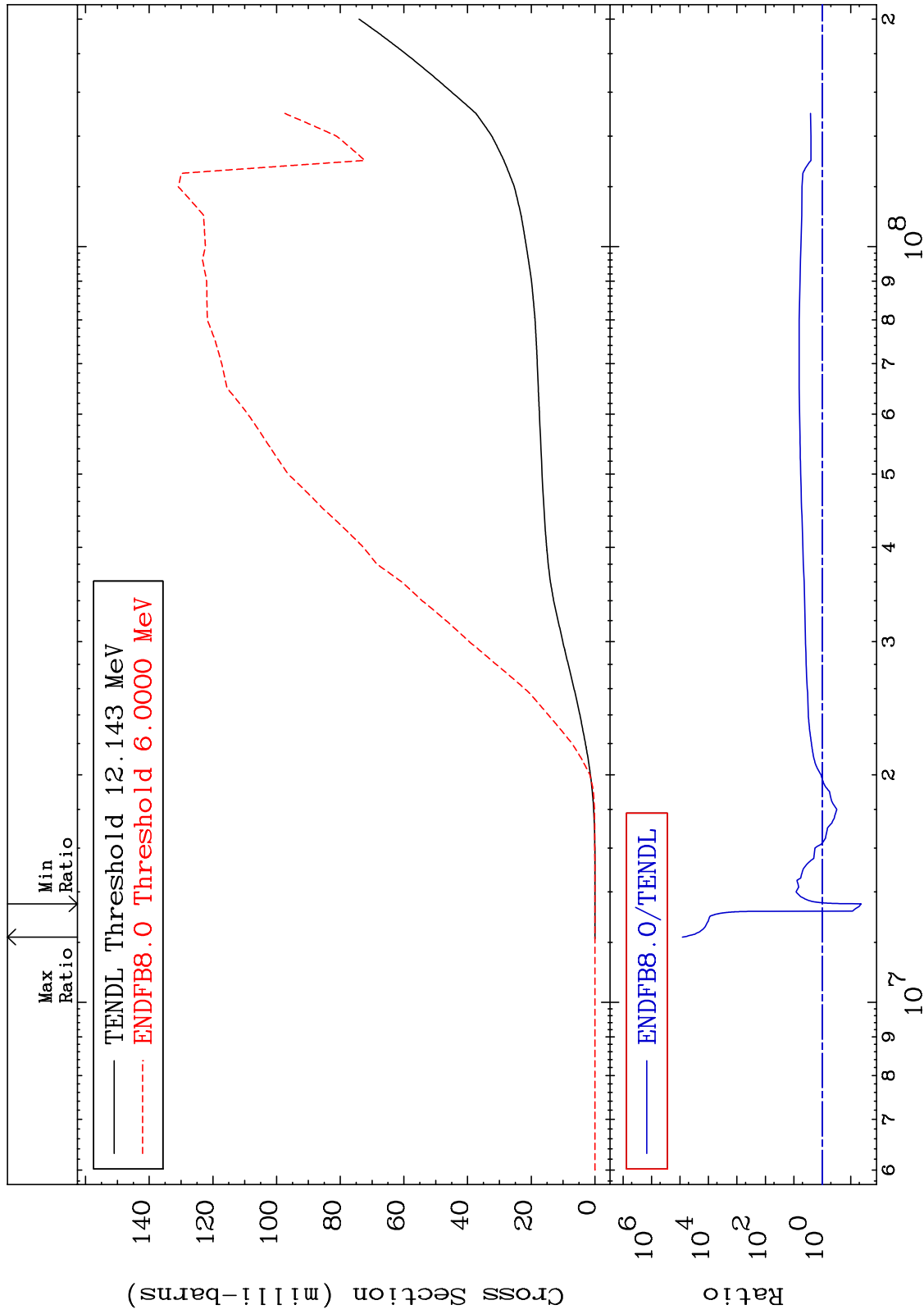
42

26-Fe-56

MAT 2631

Tritium Production
Cross Section

26-Fe-56
-95.72 To 9999. %

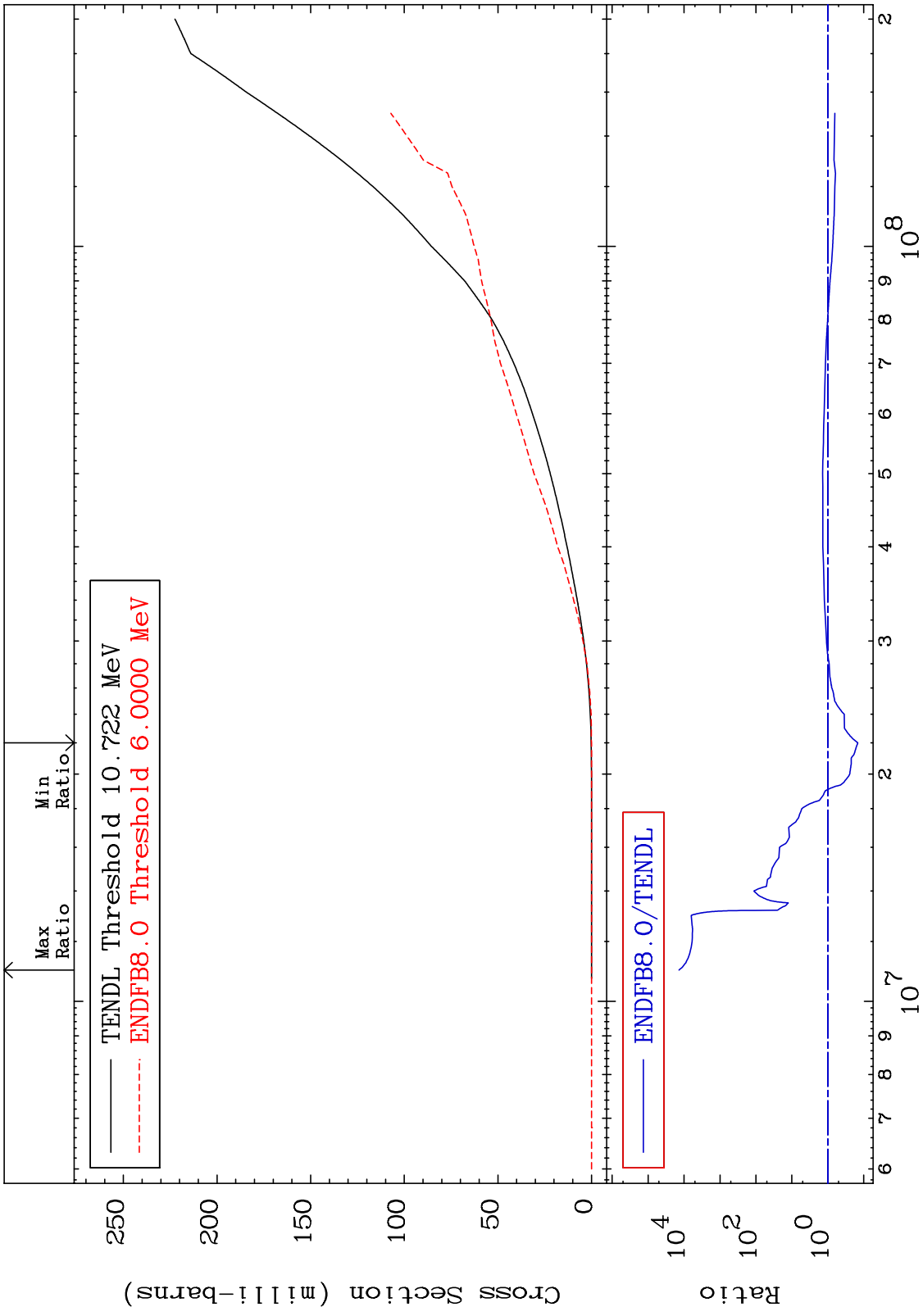


43

Incident Energy (eV)

26-Fe-56

MAT 2631 He-3 Production Cross Section 26-Fe-56
 -85.38 To 9999. %

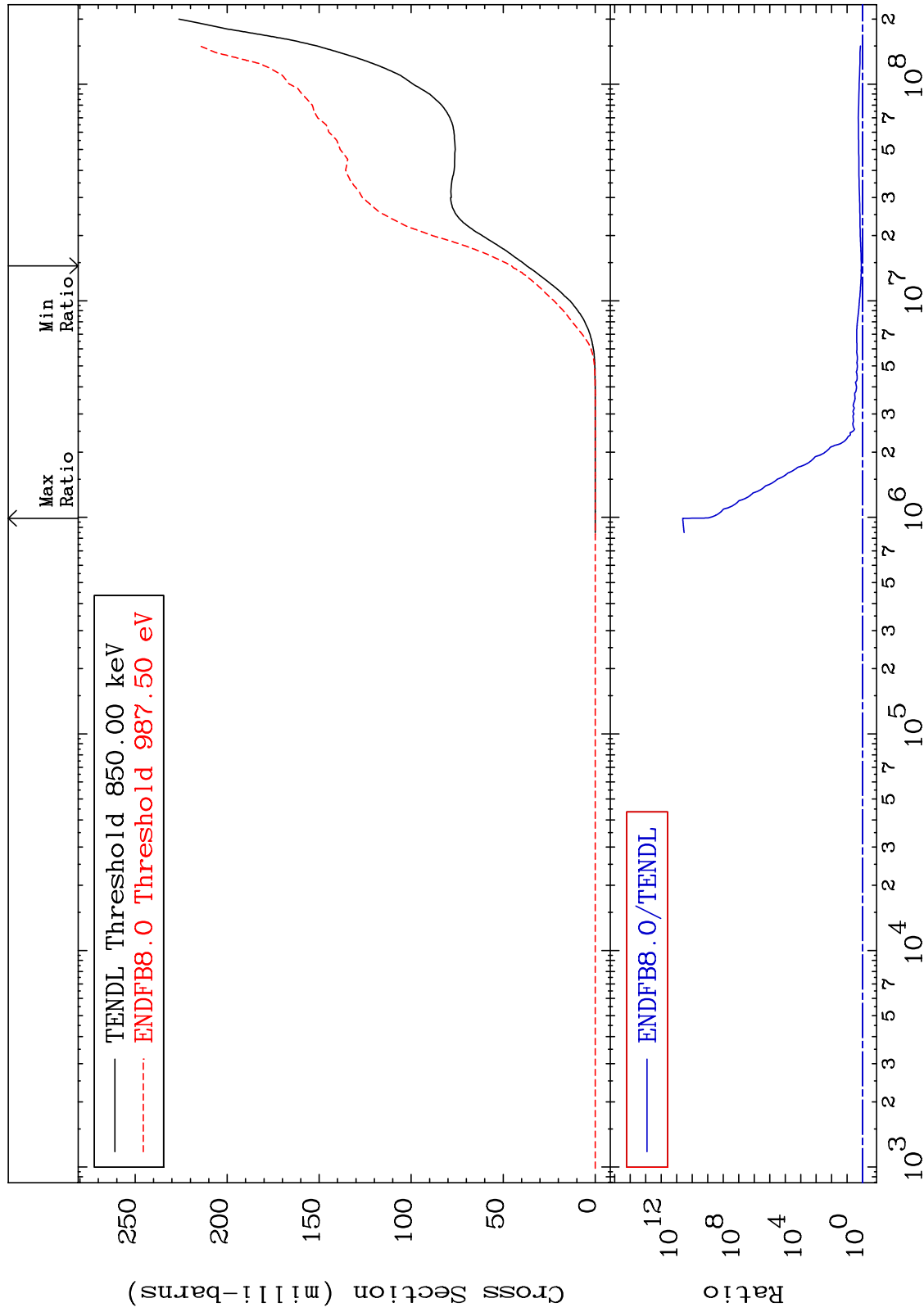


44 26-Fe-56

MAT 2631

He-4 Production
Cross Section

22.17 To 9999. %
26-Fe-56

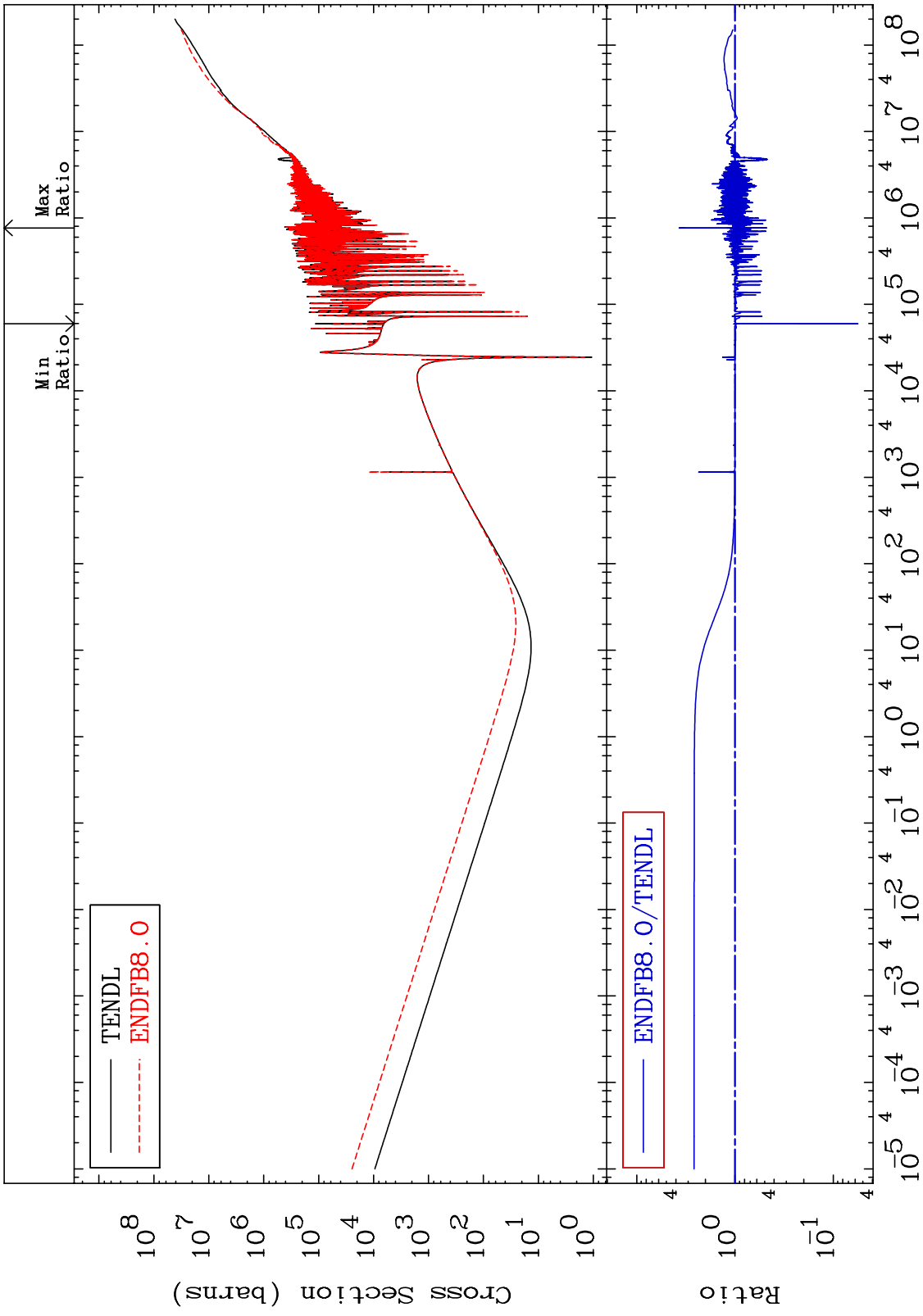


45

Incident Energy (eV)

26-Fe-56

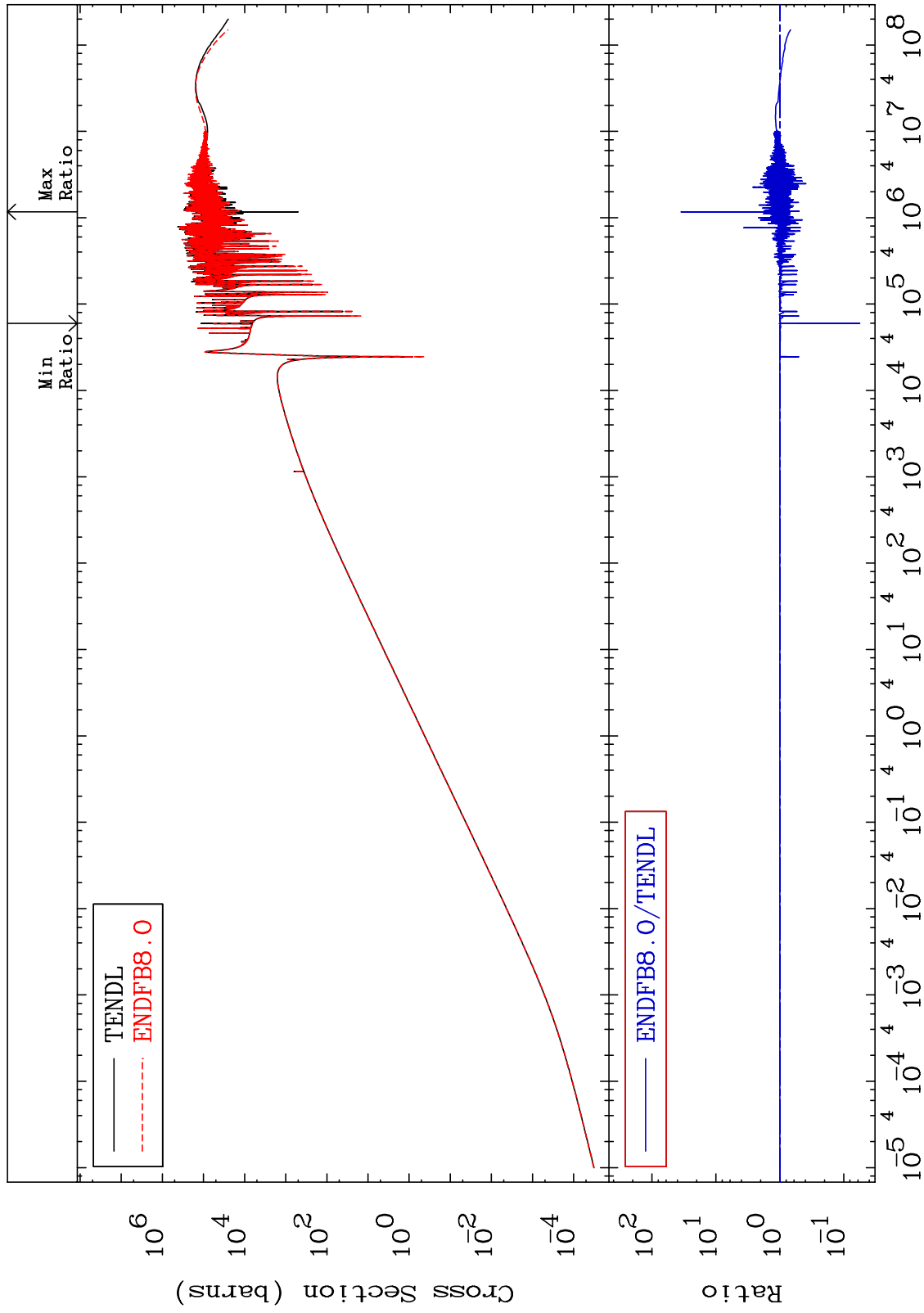
MAT 2631 Kerma total (eV-barns)
 Cross Section 26-Fe-56
 -94.38 To 271.3 %



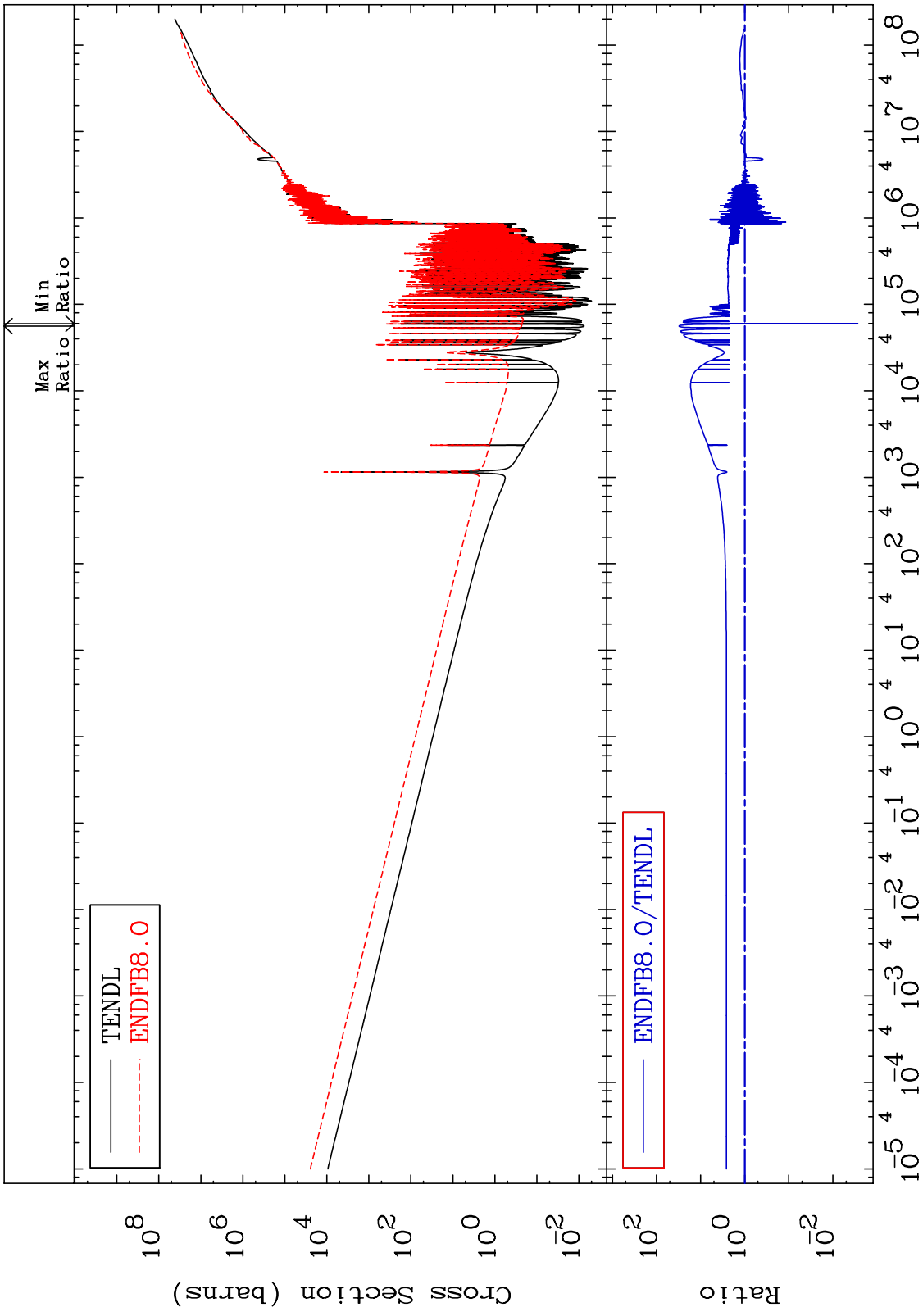
MAT 2631

Kerma elastic
Cross Section

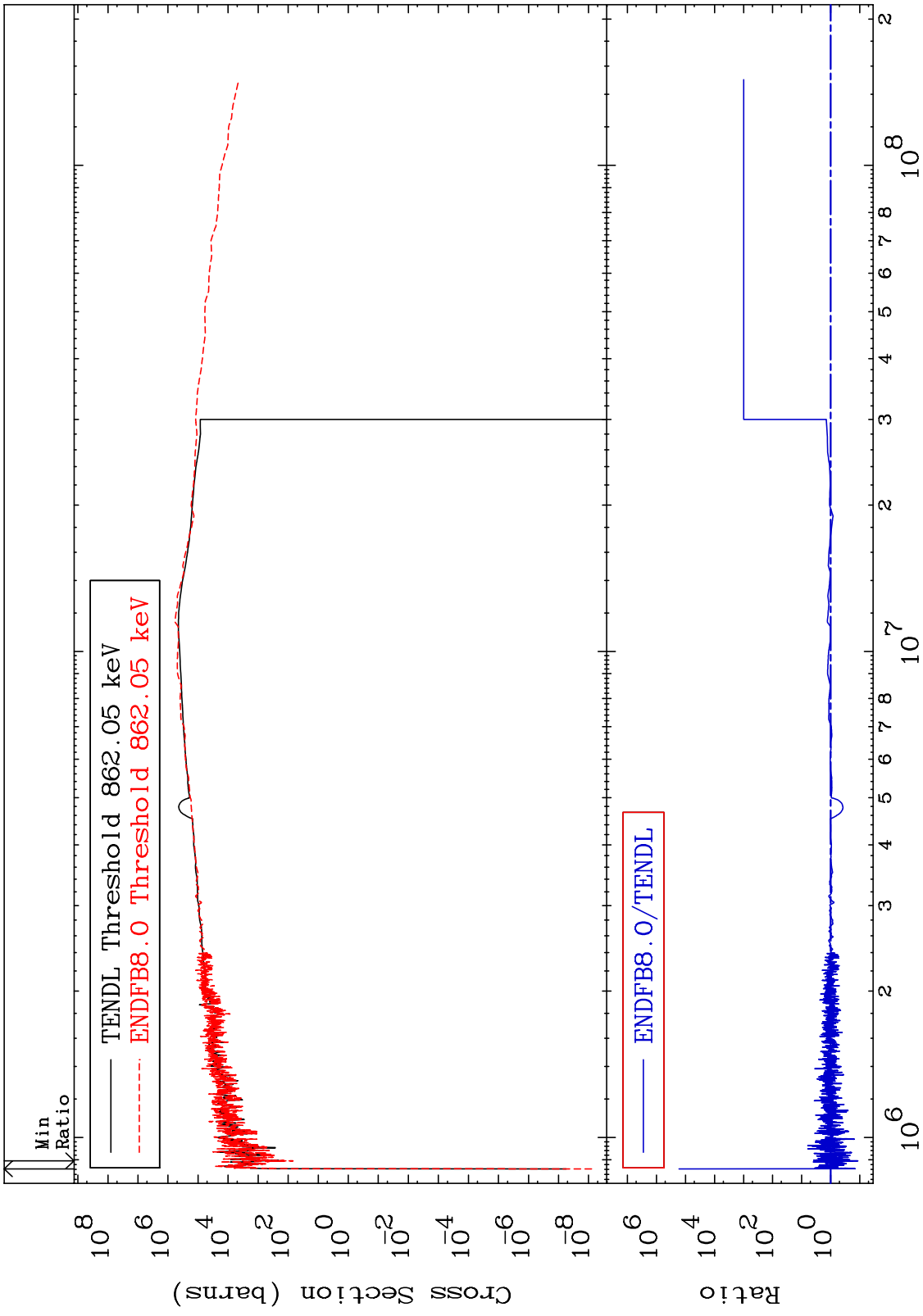
26-Fe-56
-94.37 To 3388. %



MAT 2631 Kerma non-elastic (all but mt2) 26-Fe-56
 Cross Section -99.73 To 2988. %



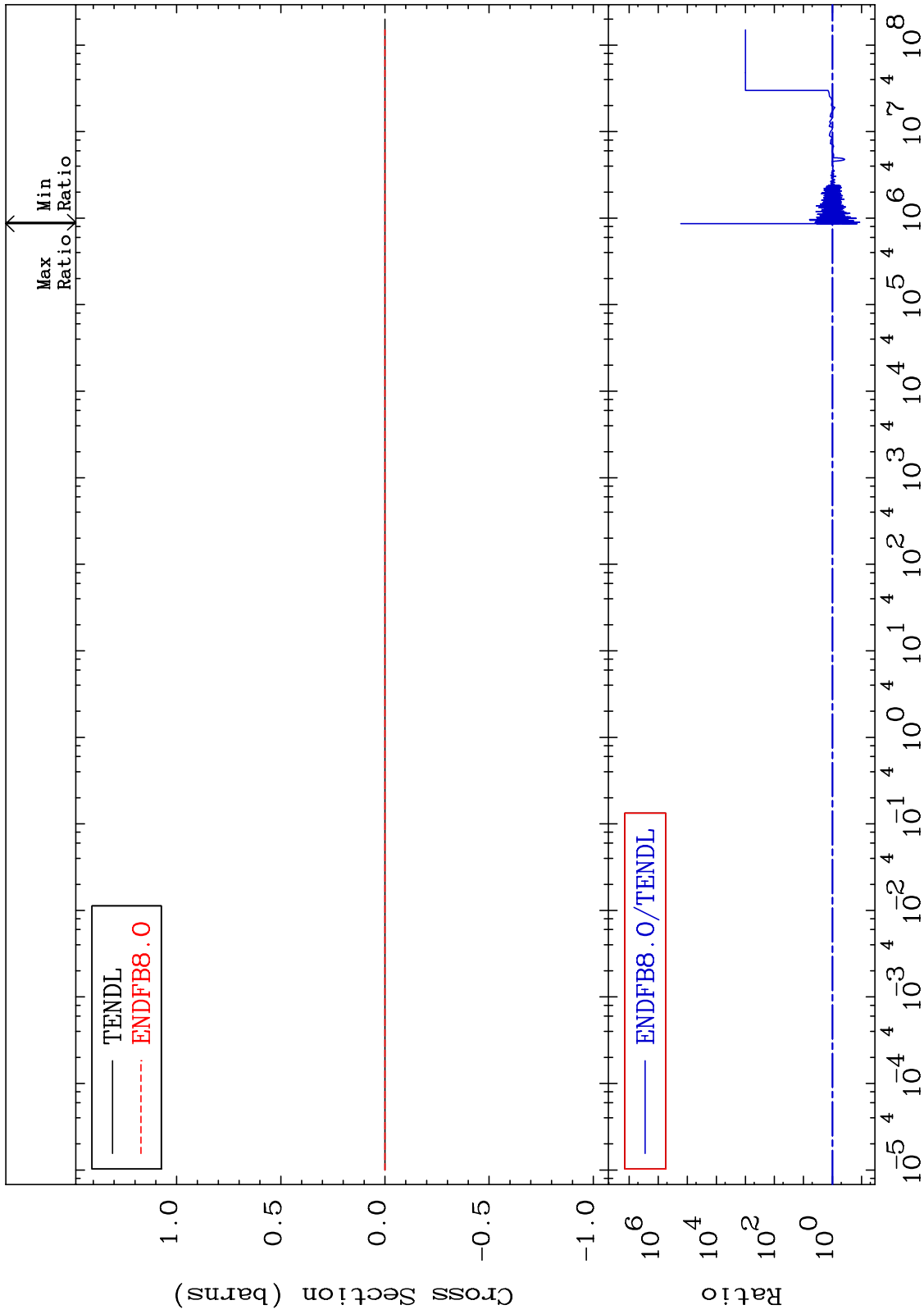
MAT 2631 Kerma inelastic (mt51-91) 26-Fe-56
 Cross Section -88.33 To 9999. %



MAT 2631

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

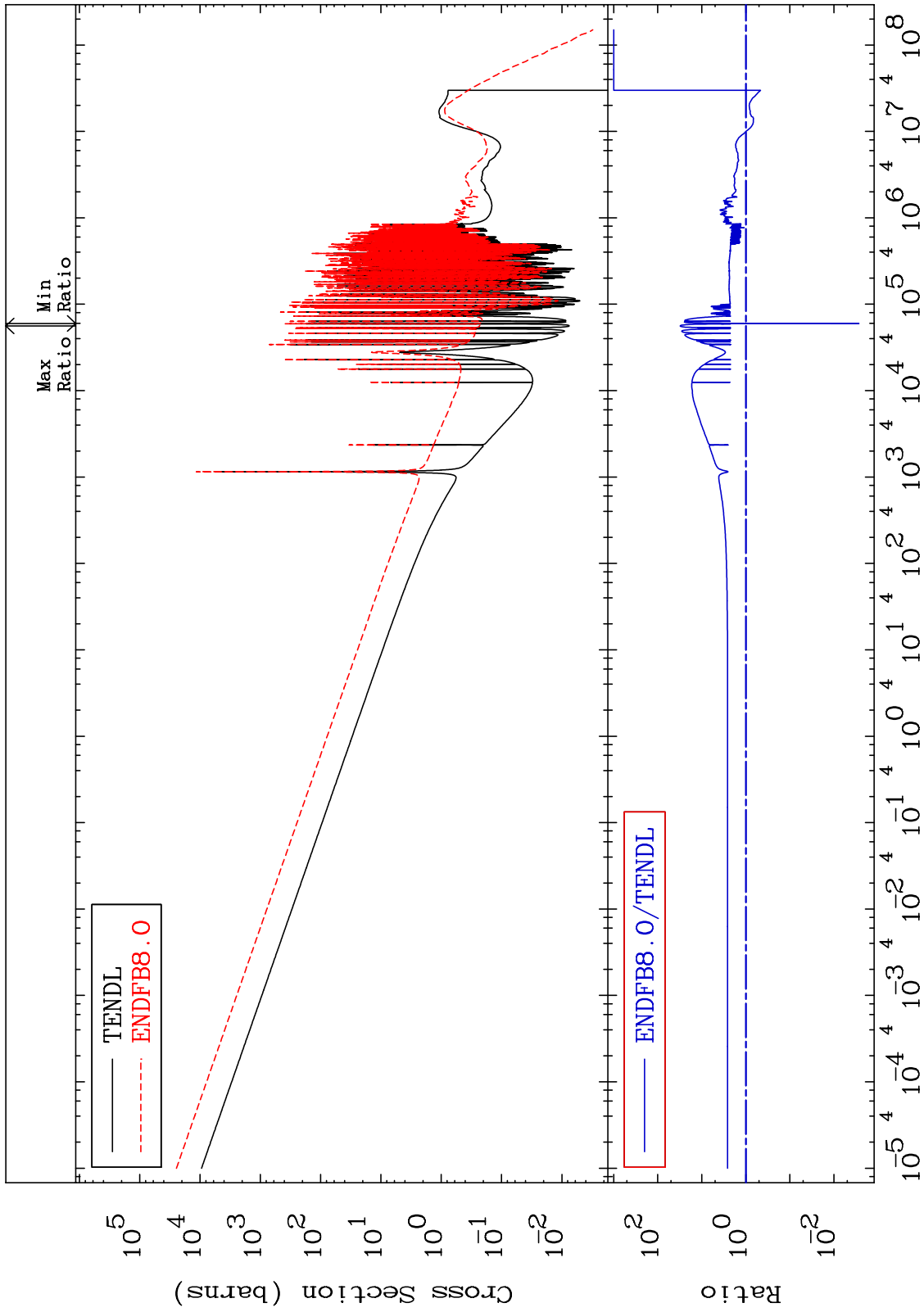
26-Fe-56
-88.33 To 9999. %



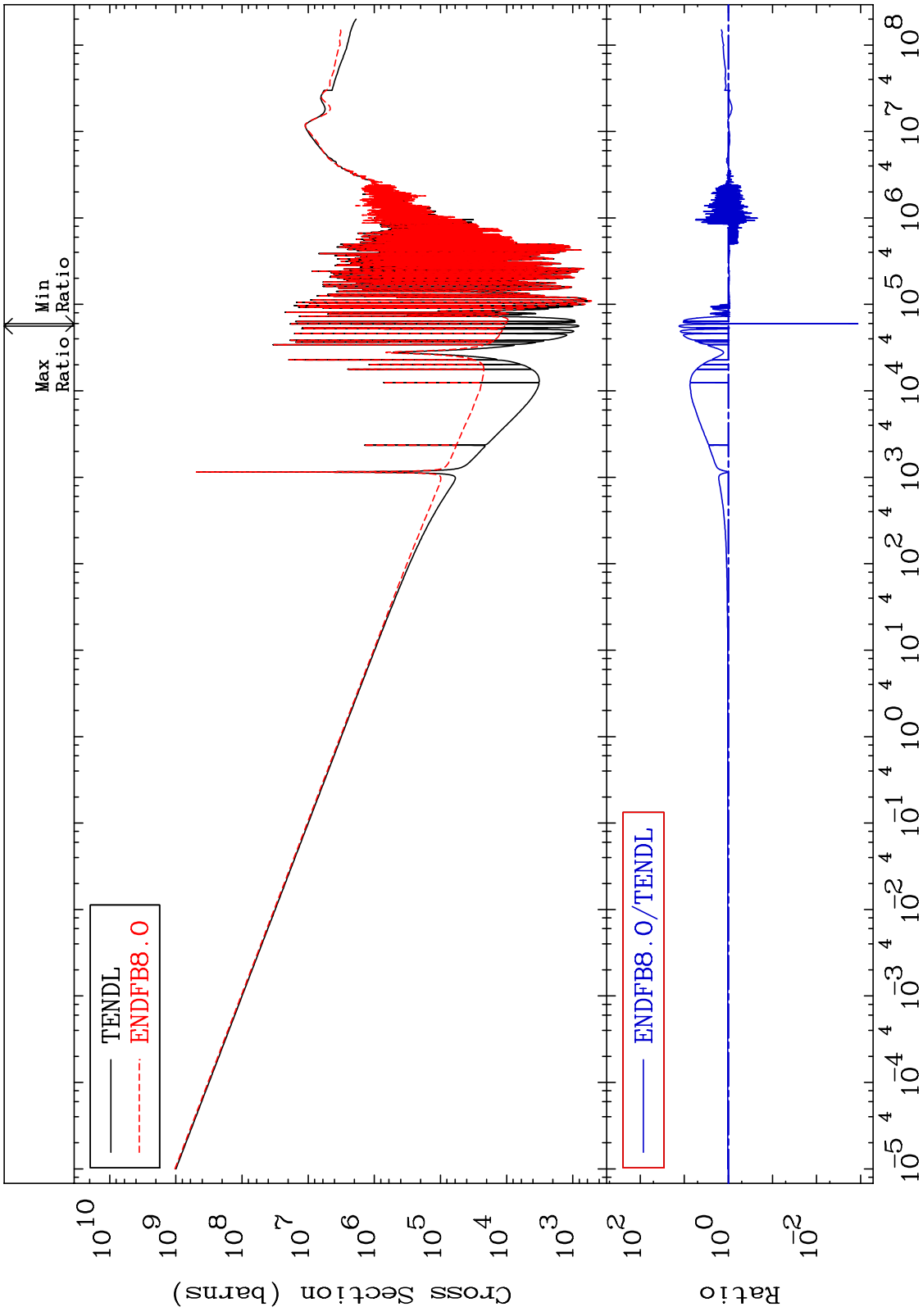
MAT 2631

Kerma capture (mt102)
Cross Section

26-Fe-56
-99.73 To 2987. %



MAT 2631 Total photon (eV-barns) Cross Section 26-Fe-56 -99.88 To 1217. %

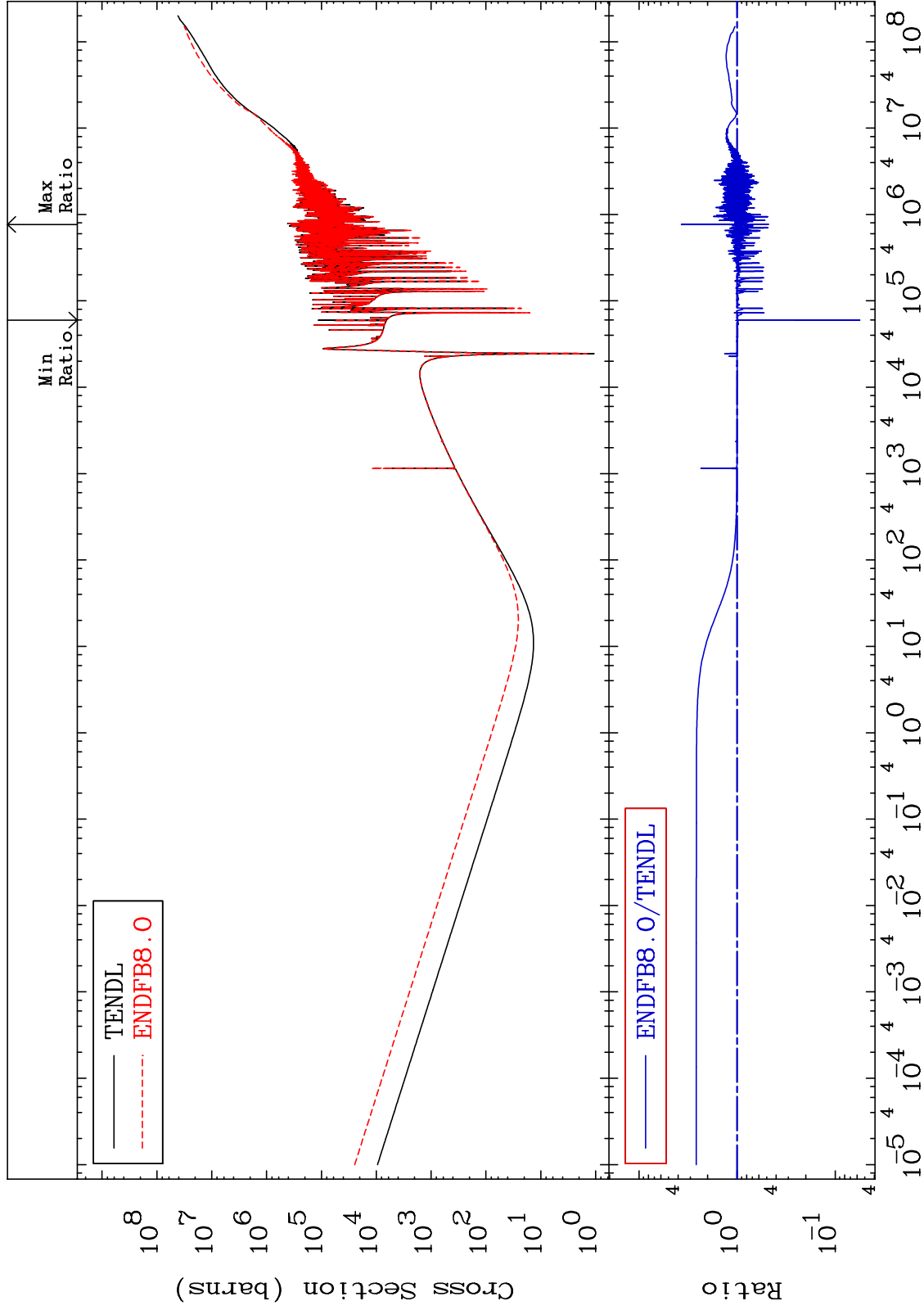


52 26-Fe-56

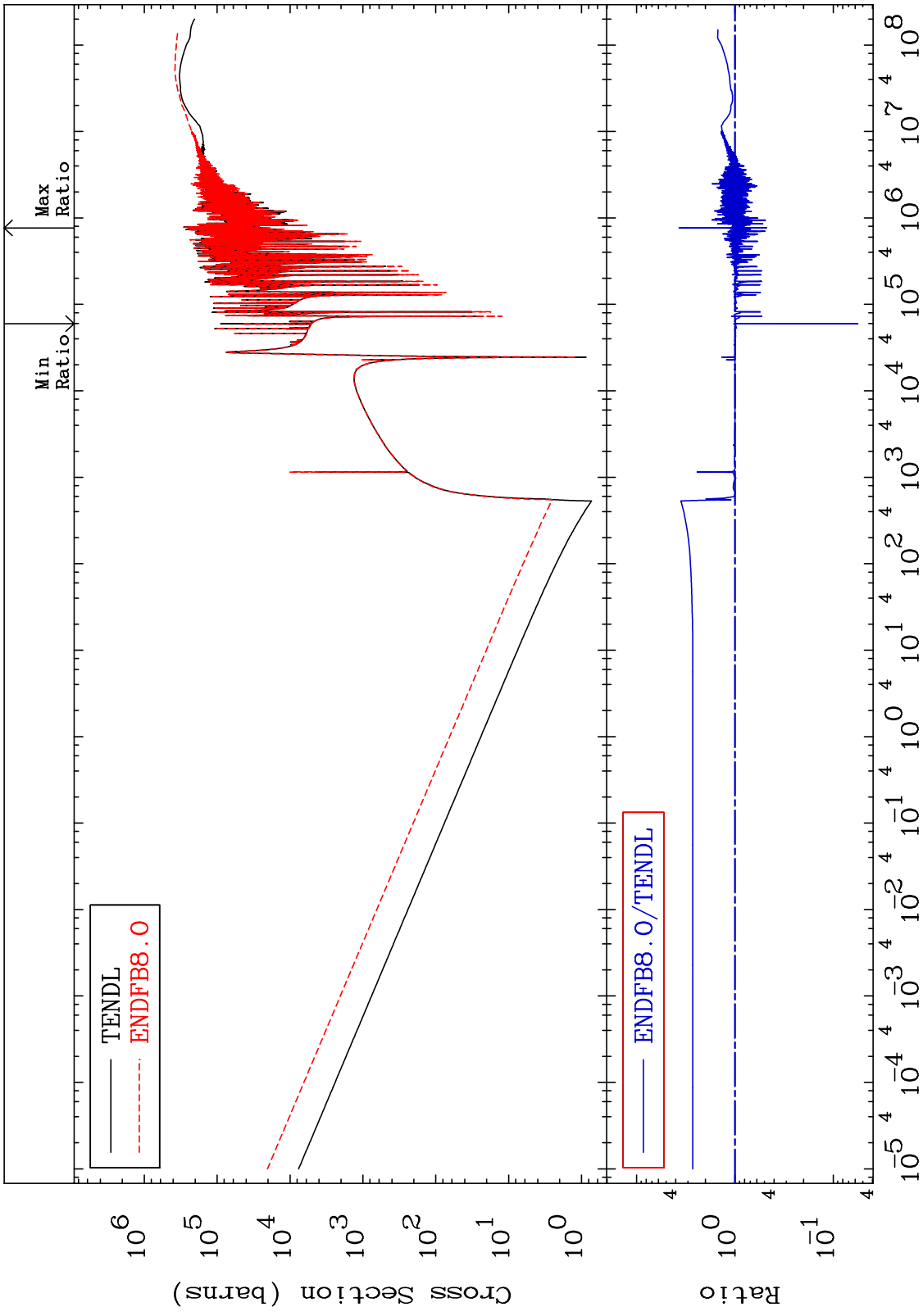
MAT 2631

Total kinematic kerma (high limit)
Cross Section

26-Fe-56
-94.38 To 271.3 %



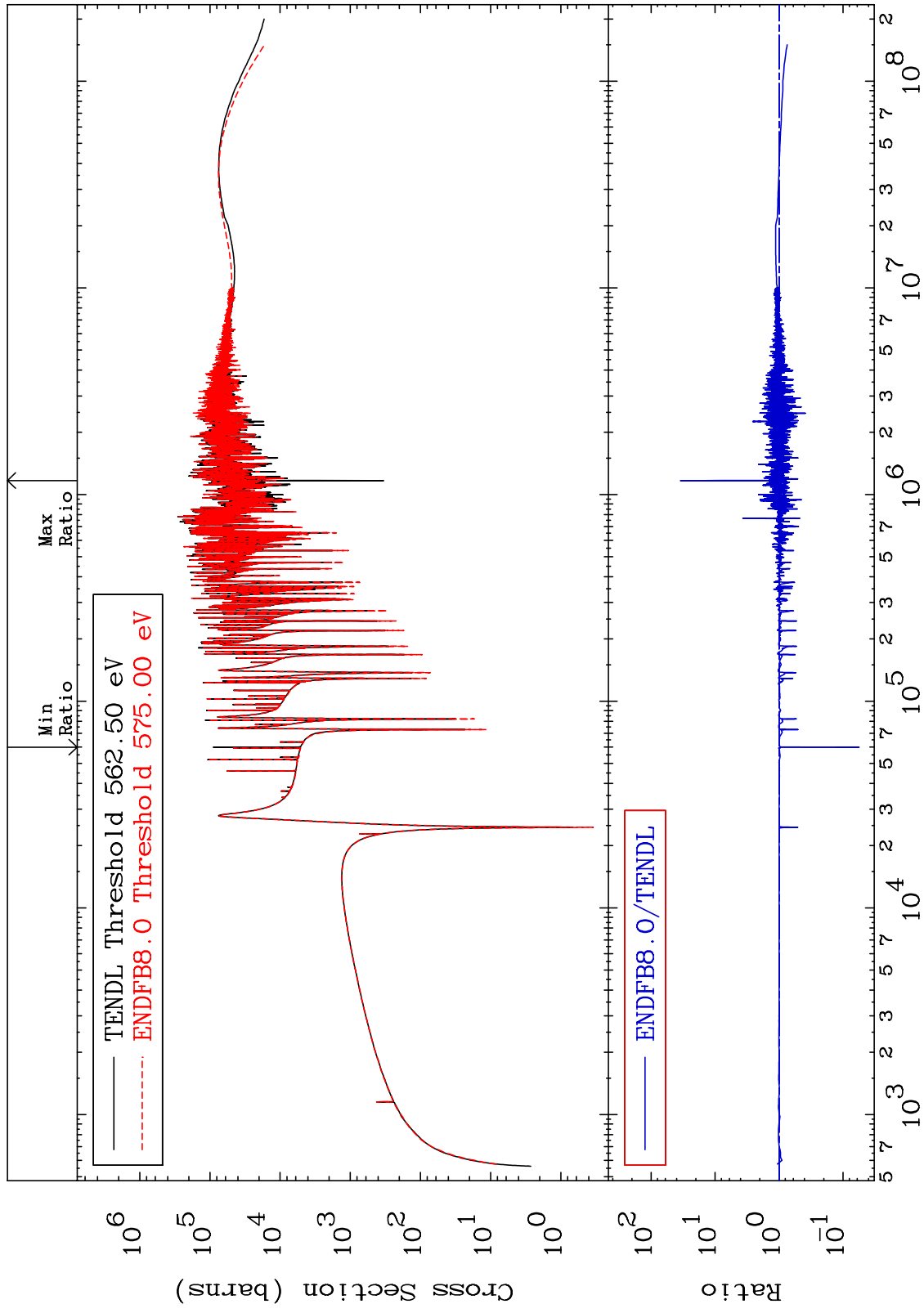
MAT 2631 Dpa total (eV-barns) 26-Fe-56
 Cross Section -94.37 To 270.0 %



MAT 2631

Dpa elastic (mt2)
Cross Section

26-Fe-56
-94.37 To 3361. %



55

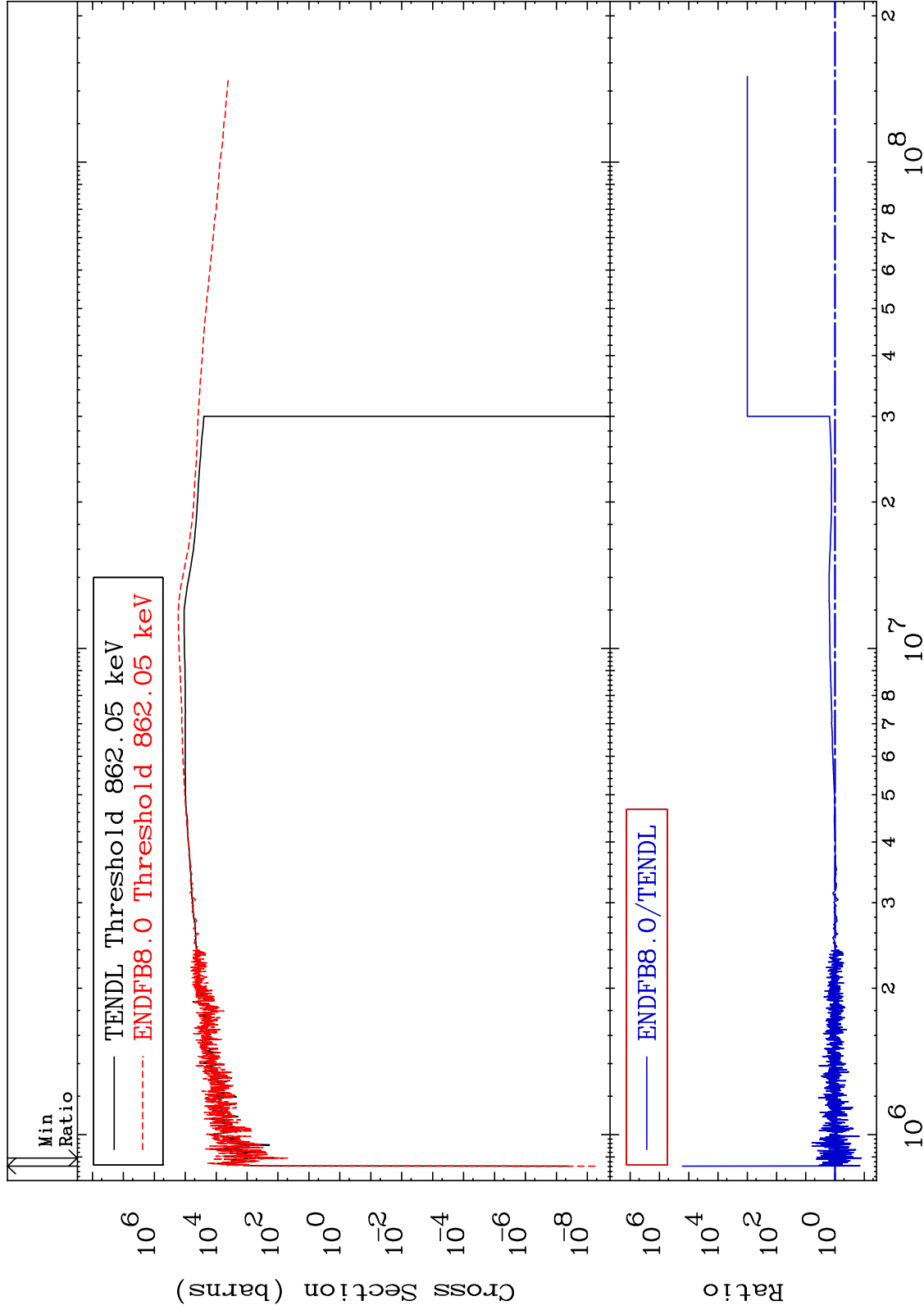
Incident Energy (eV)

26-Fe-56

MAT 2631

Dpa inelastic (mt51-91)
Cross Section

26-Fe-56
-87.28 To 9999. %



56

Incident Energy (eV)

26-Fe-56

MAT 2631

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-56
-99.72 To 3077. %

