

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

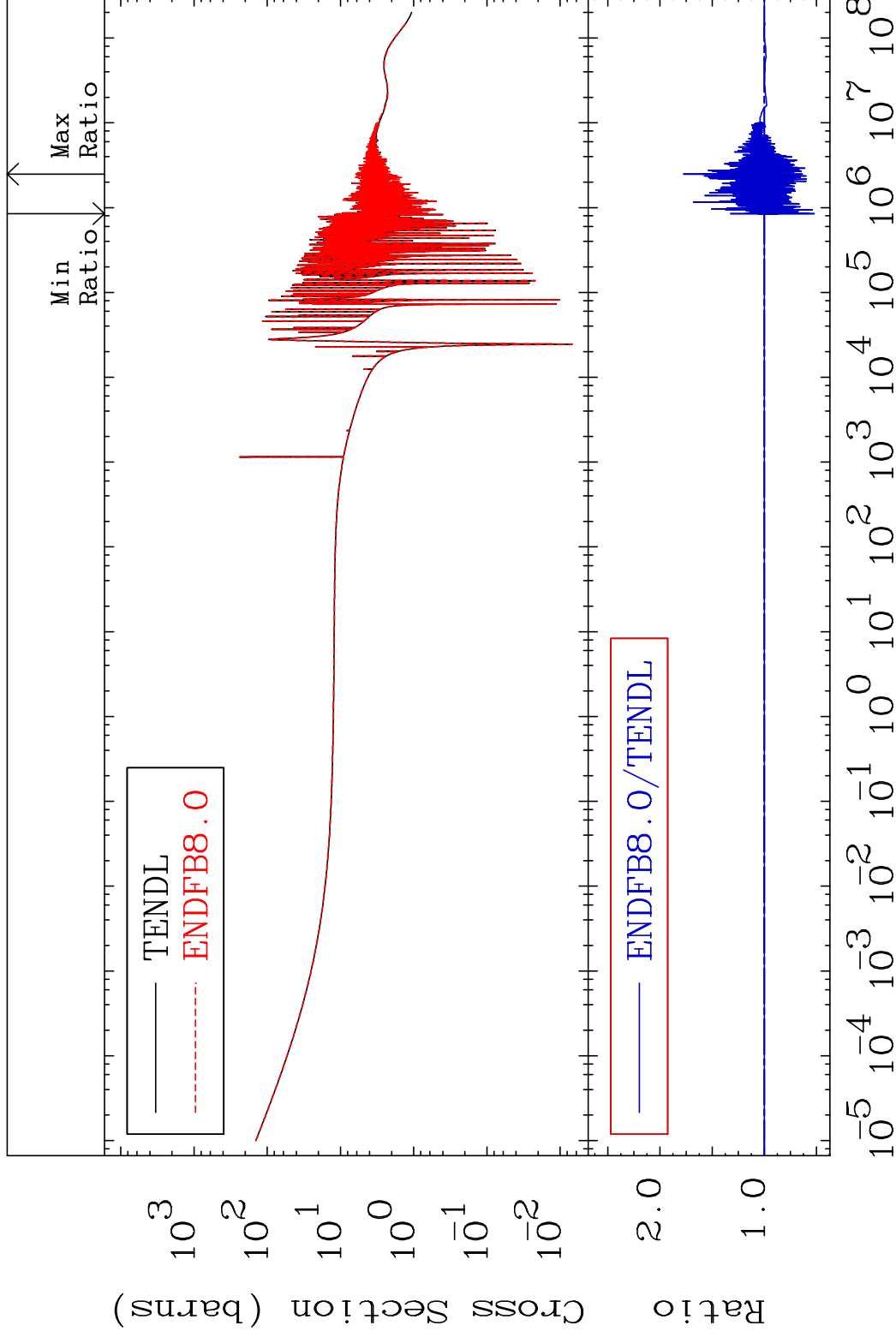
MAT 2631

Total

26-Fe-56

Cross Section

-47.72 To 77.34 %



1

Incident Energy (eV)

26-Fe-56

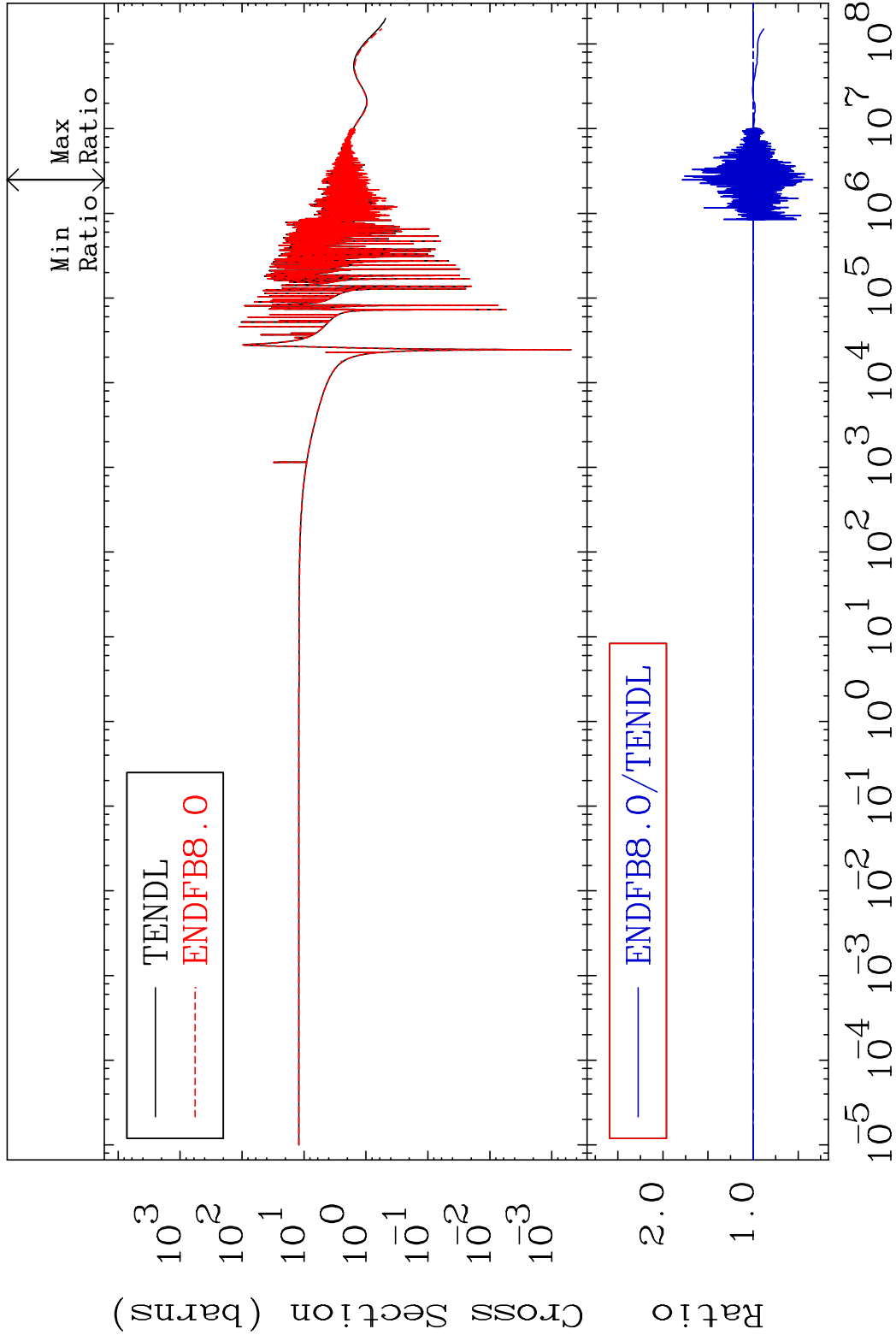
MAT 2631

Elastic

26-Fe-56

Cross Section

-65.98 To 78.47 %

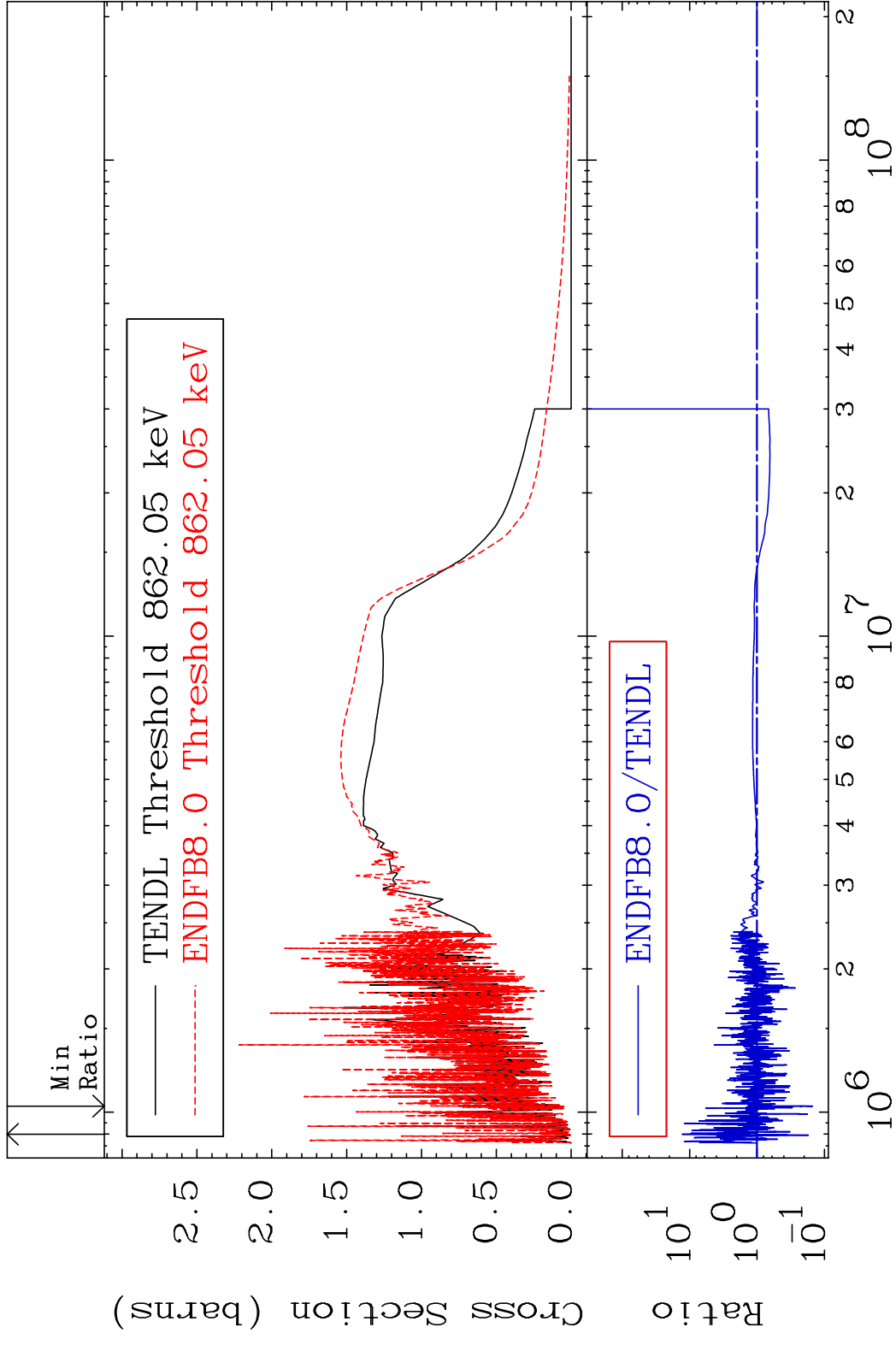


2

Incident Energy (eV)

26-Fe-56

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



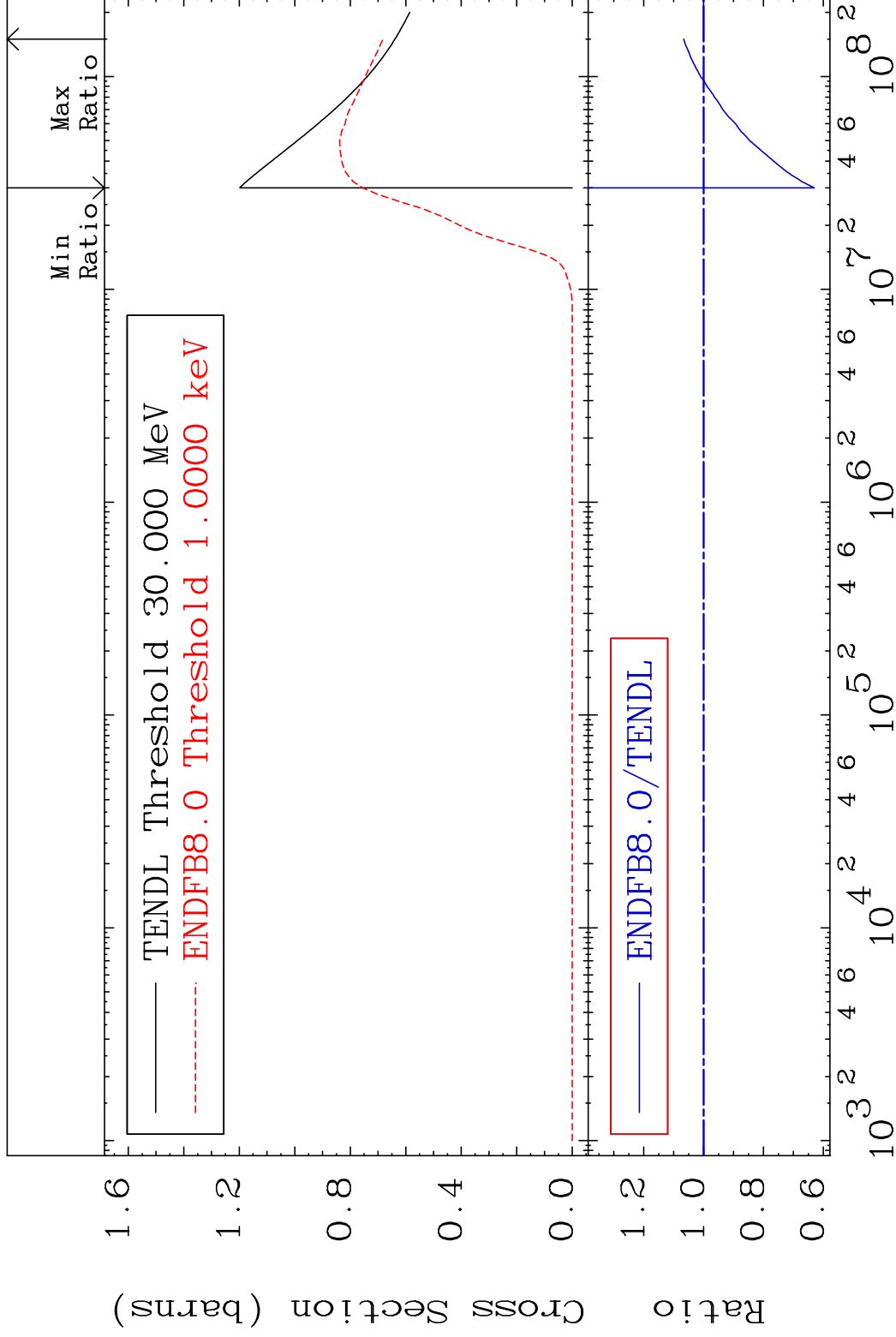
3 Incident Energy (eV) 26-Fe-56

MAT 2631

(n, remainder)

²⁶Fe-56

Cross Section -36.89 To 6.686 %

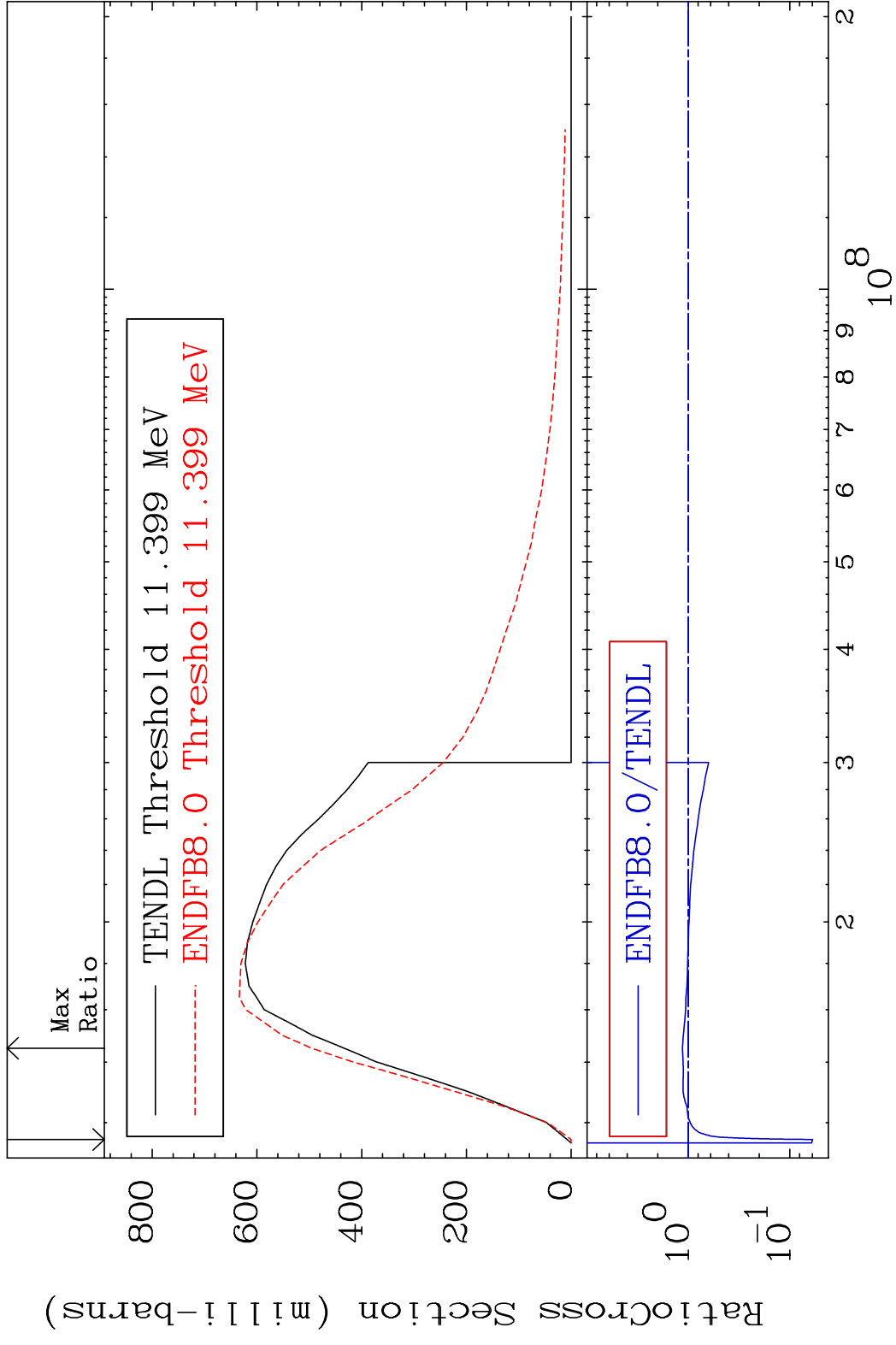


4

Incident Energy (eV)

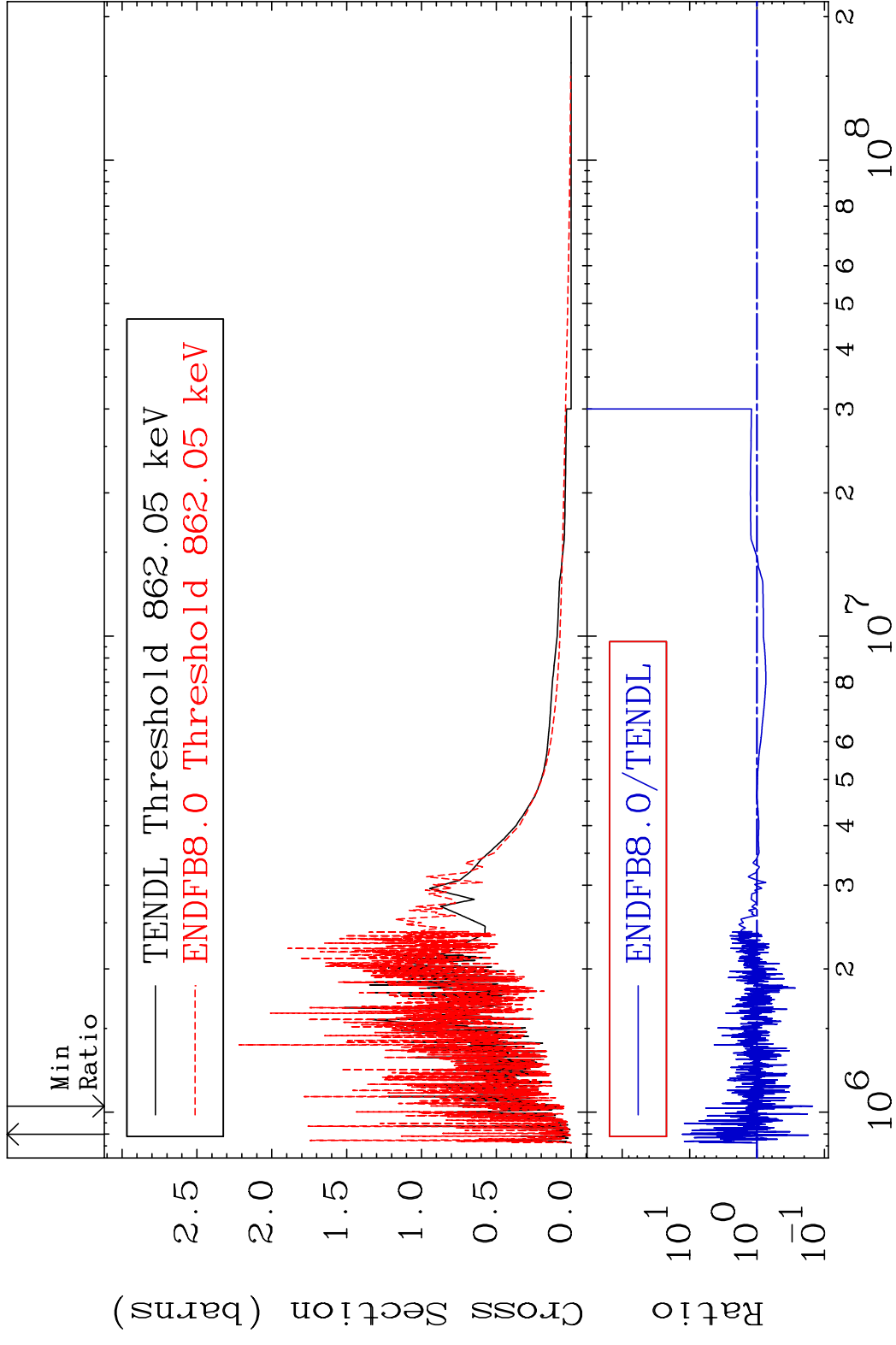
²⁶Fe-56

MAT 2631 (n,2n) 26-Fe-56
 Cross Section -94.04 To 14.28 %



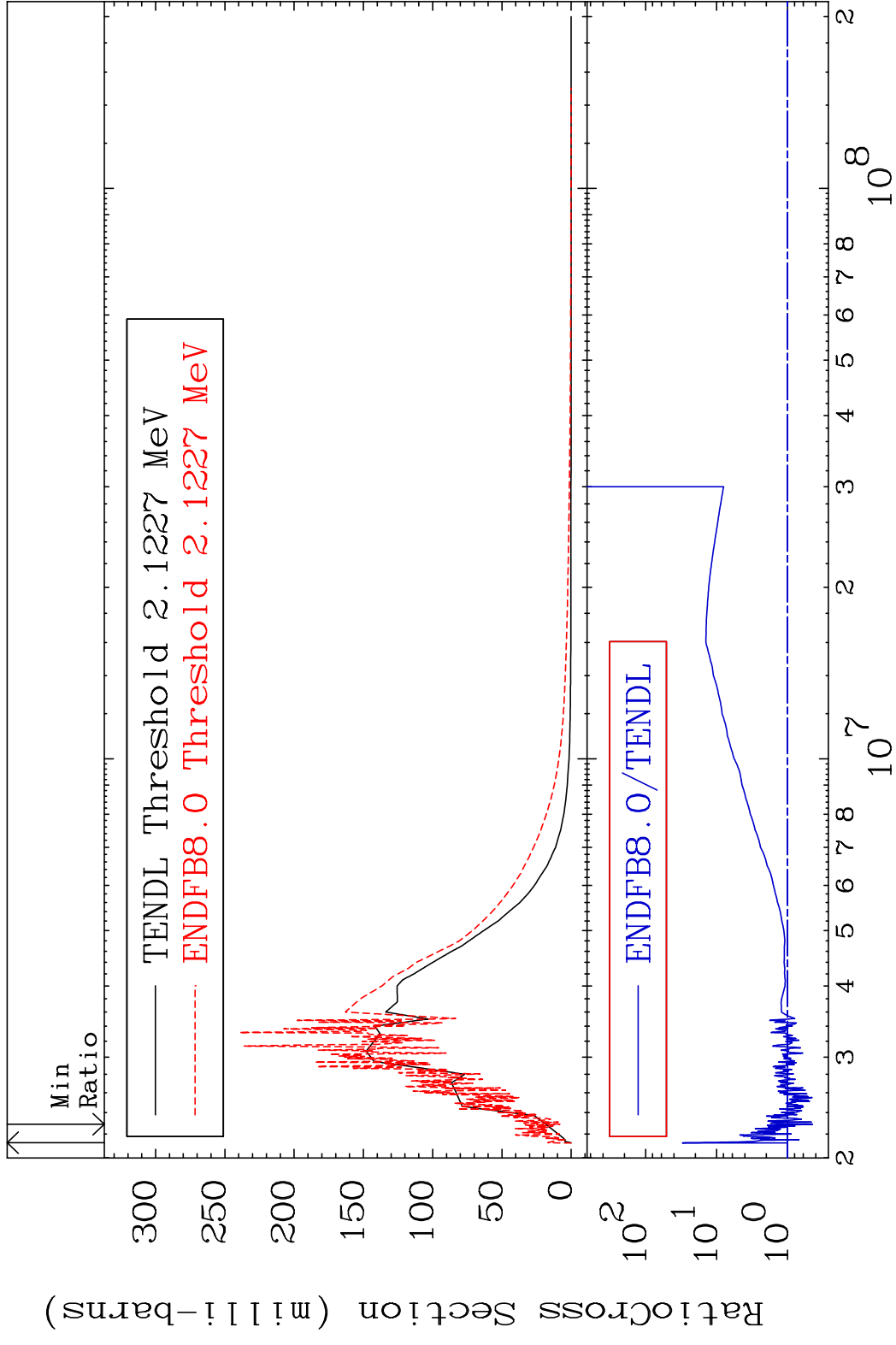
5 Incident Energy (eV) 26-Fe-56

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

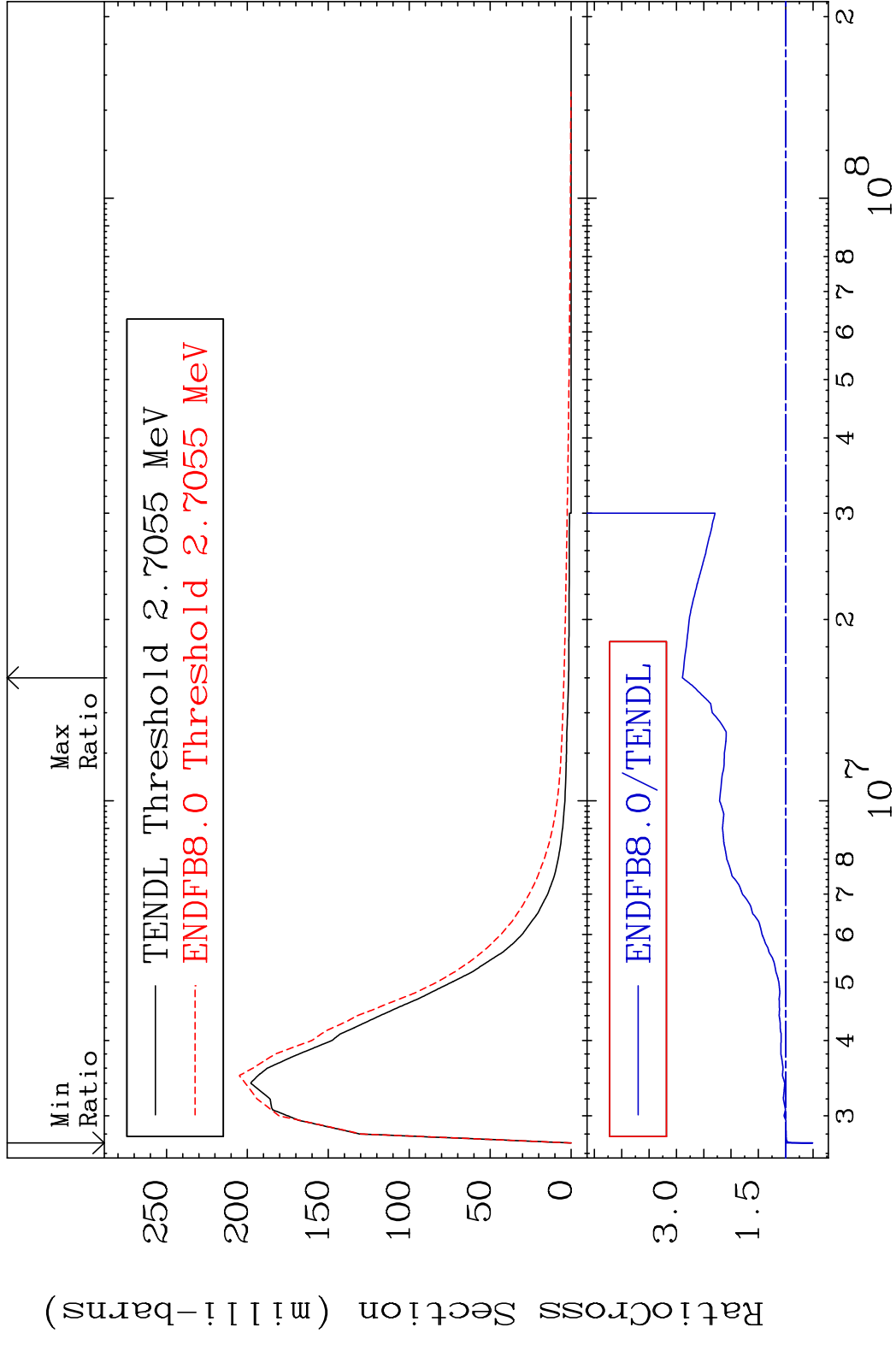


6 Incident Energy (eV) 26-Fe-56

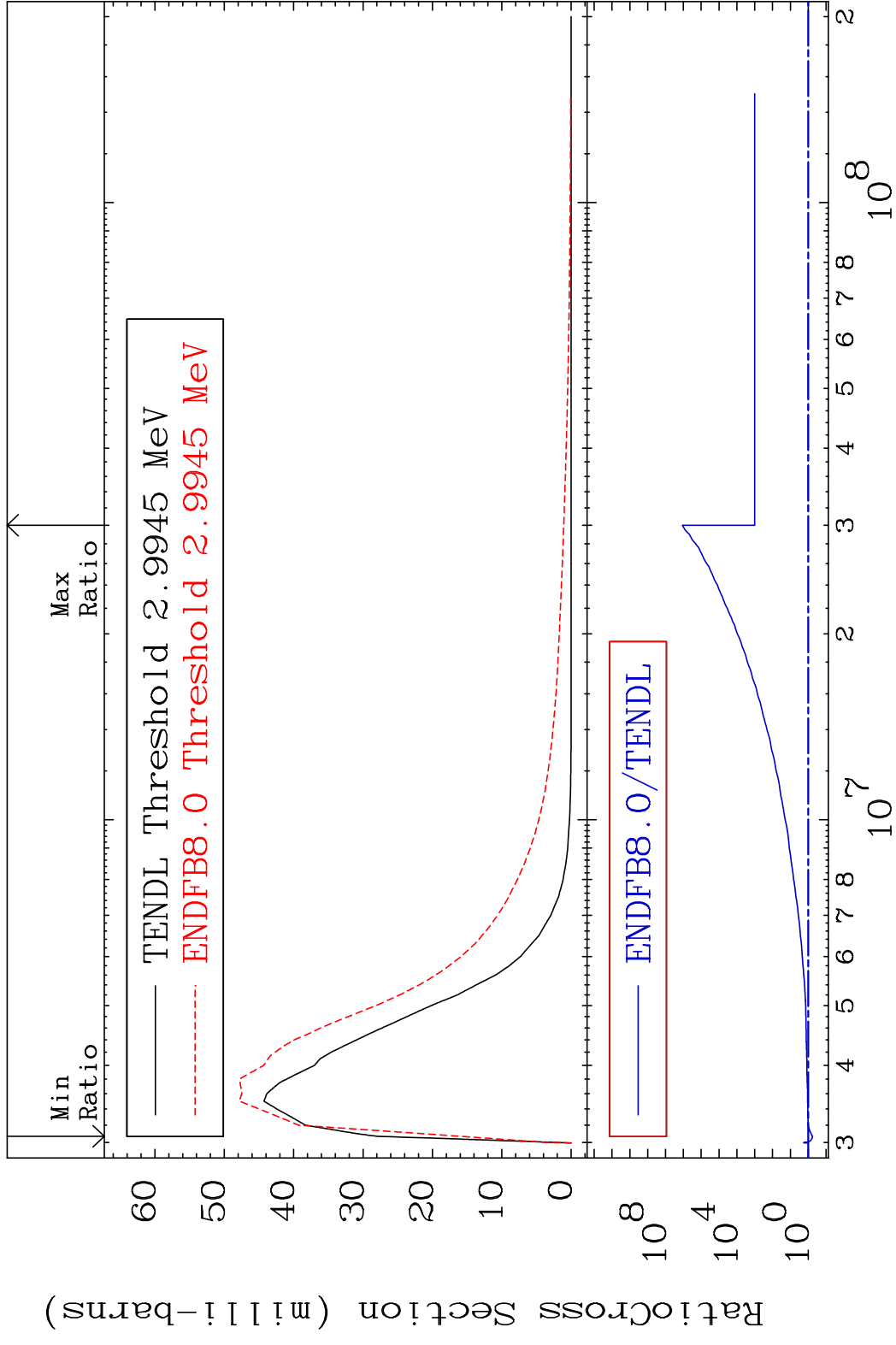
MAT 2631 MT= 52 (n, n') Level 26-Fe-56
 Cross Section -55.49 To 2945. %



MAT 2631 MT= 53 (n, n') Level 26-Fe-56
 Cross Section -49.20 To 189.1 %

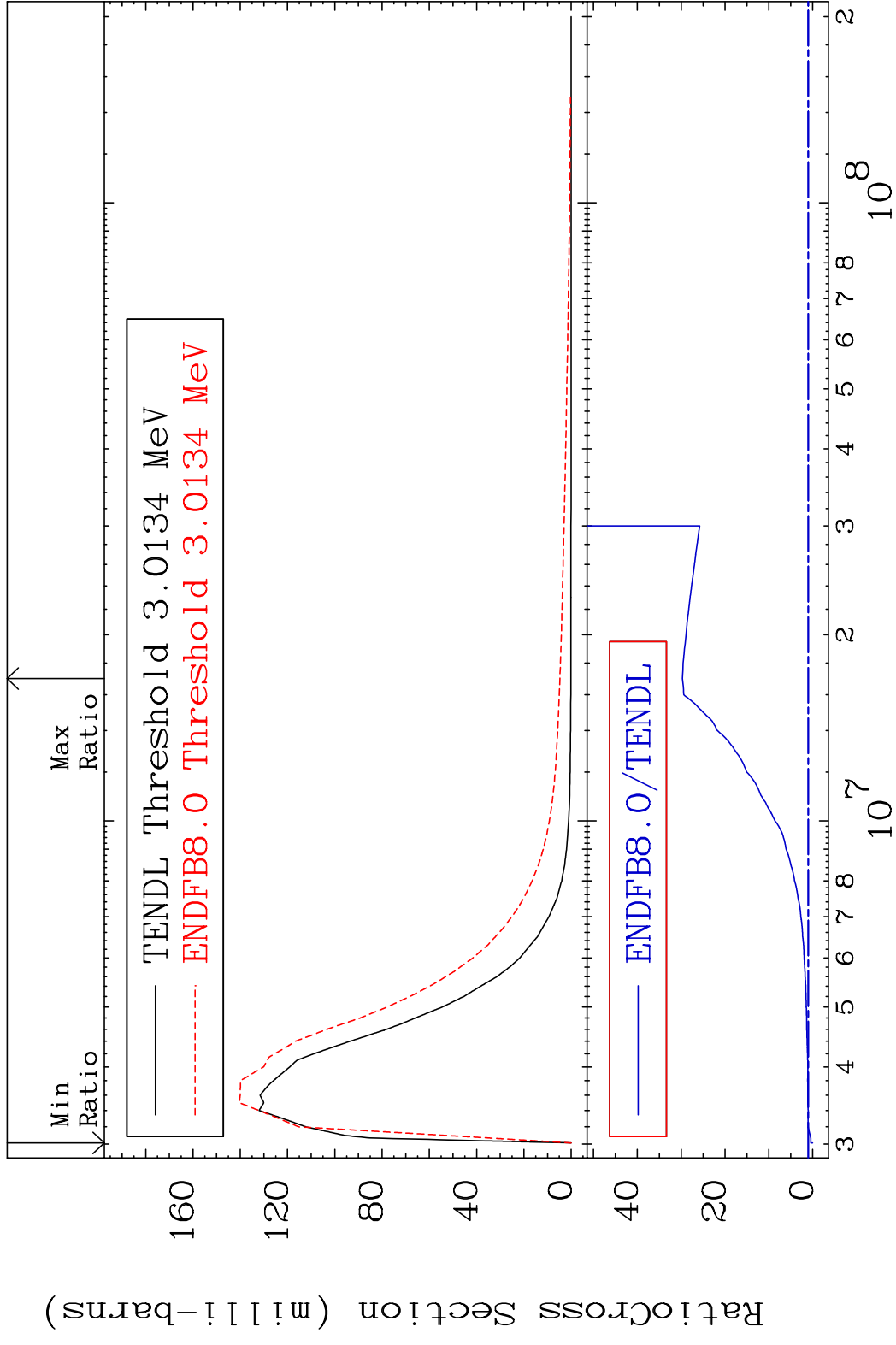


MAT 2631 MT= 54 (n, n') Level 26-Fe-56
 Cross Section -42.56 To 9999. %



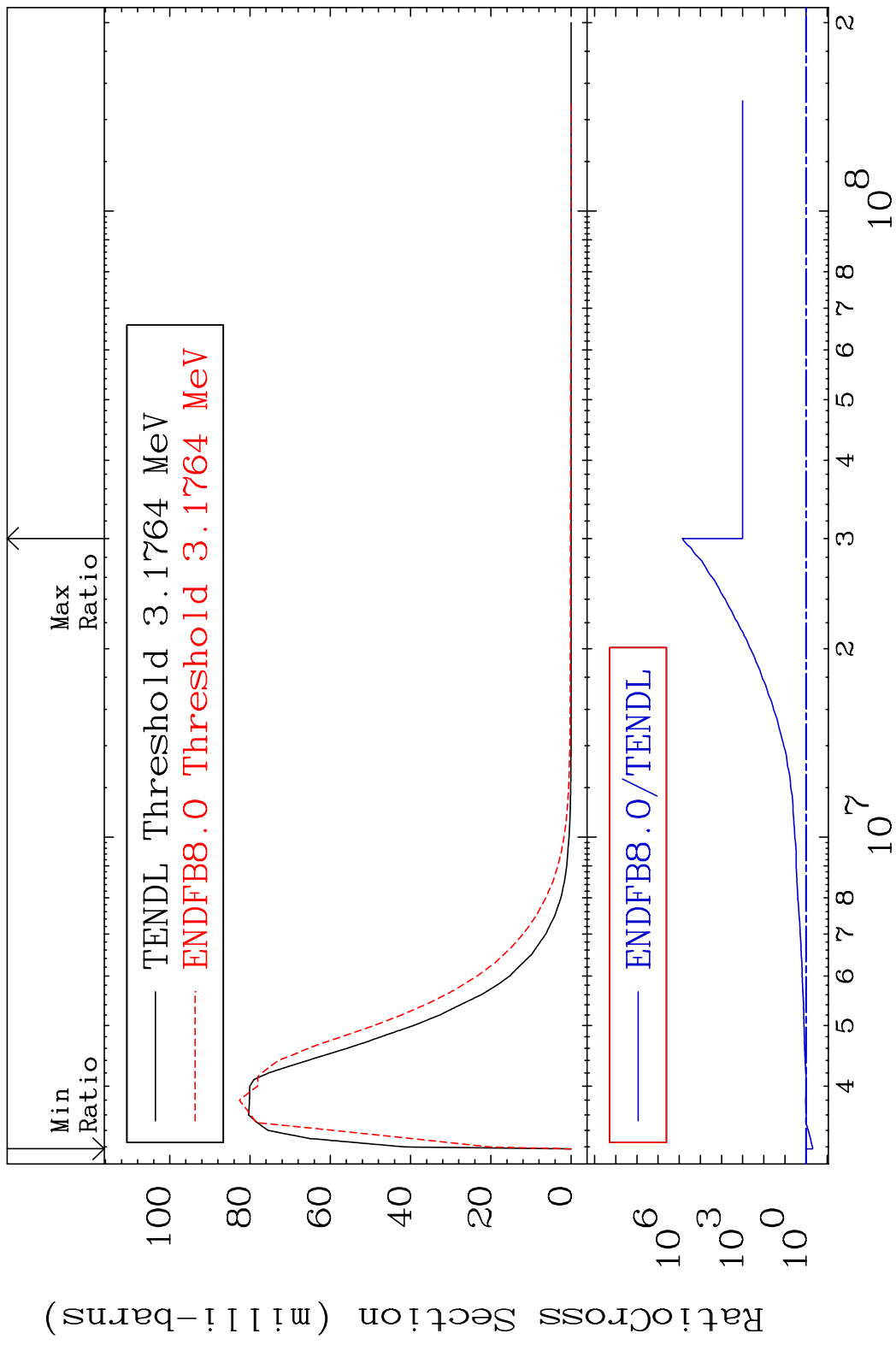
9 Incident Energy (eV) 26-Fe-56

MAT 2631 MT= 55 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 2872. %

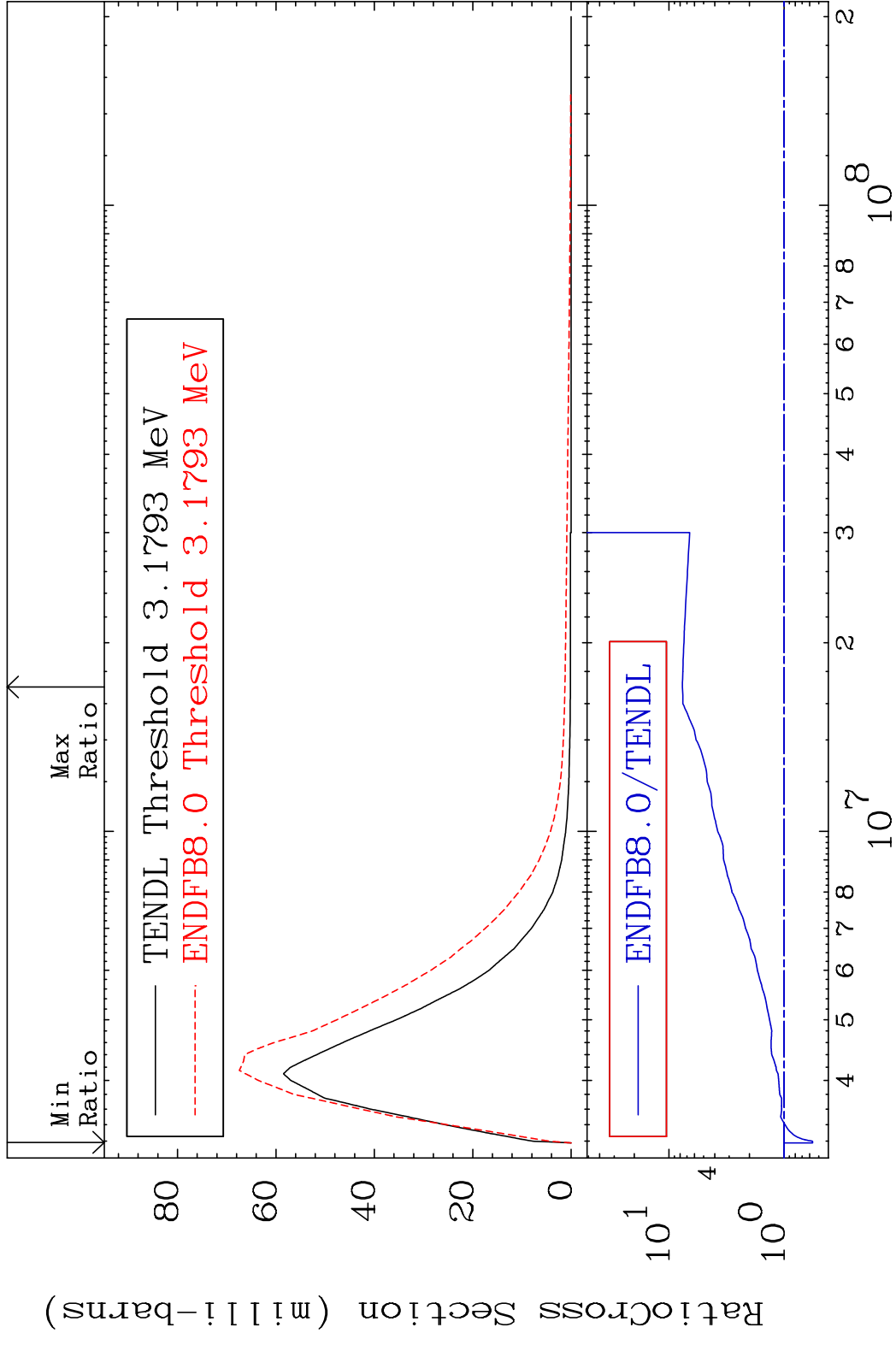


10 Incident Energy (eV) 26-Fe-56

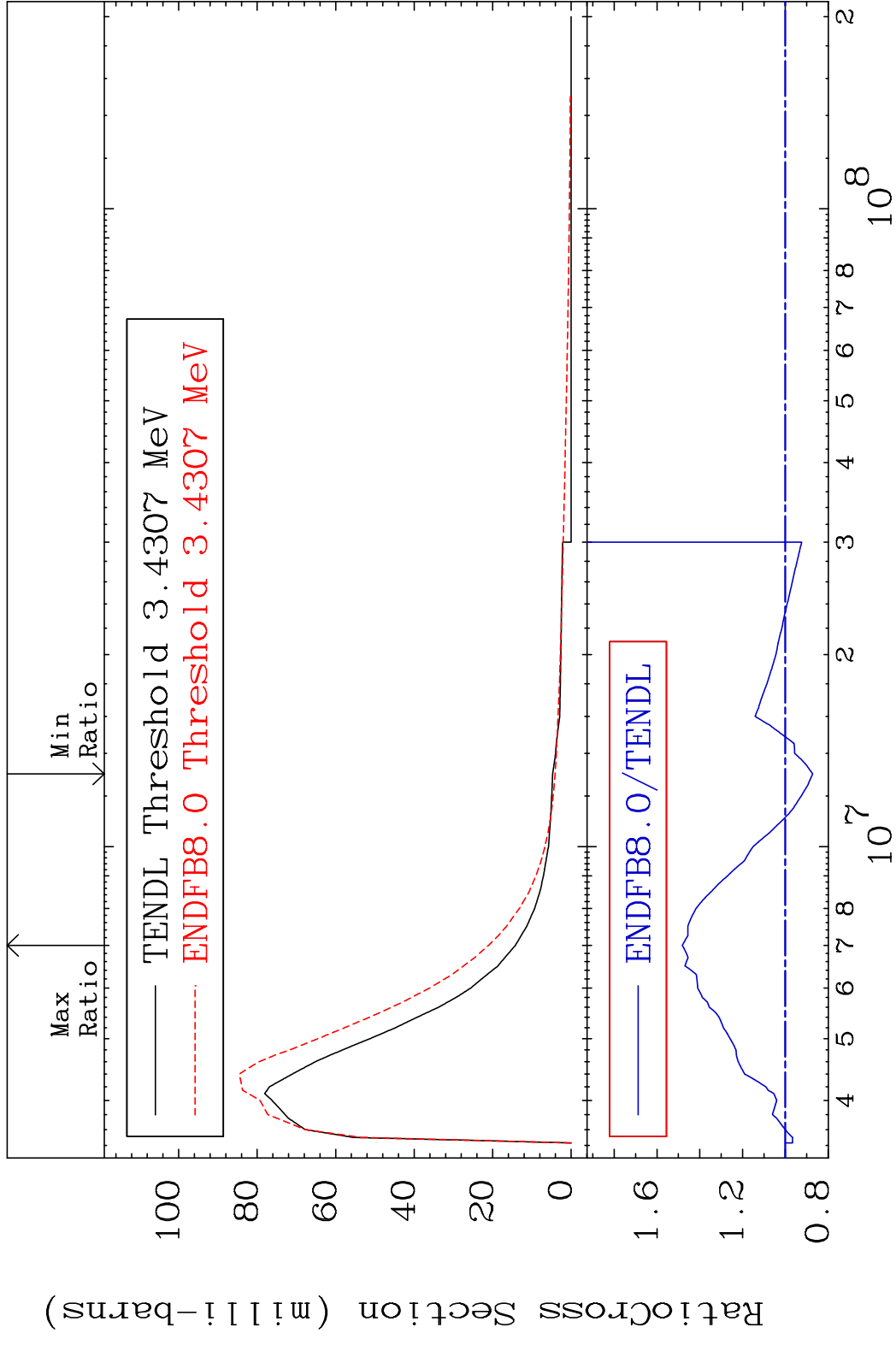
MAT 2631 MT= 56 (n, n') Level 26-Fe-56
 Cross Section -50.72 To 9999. %



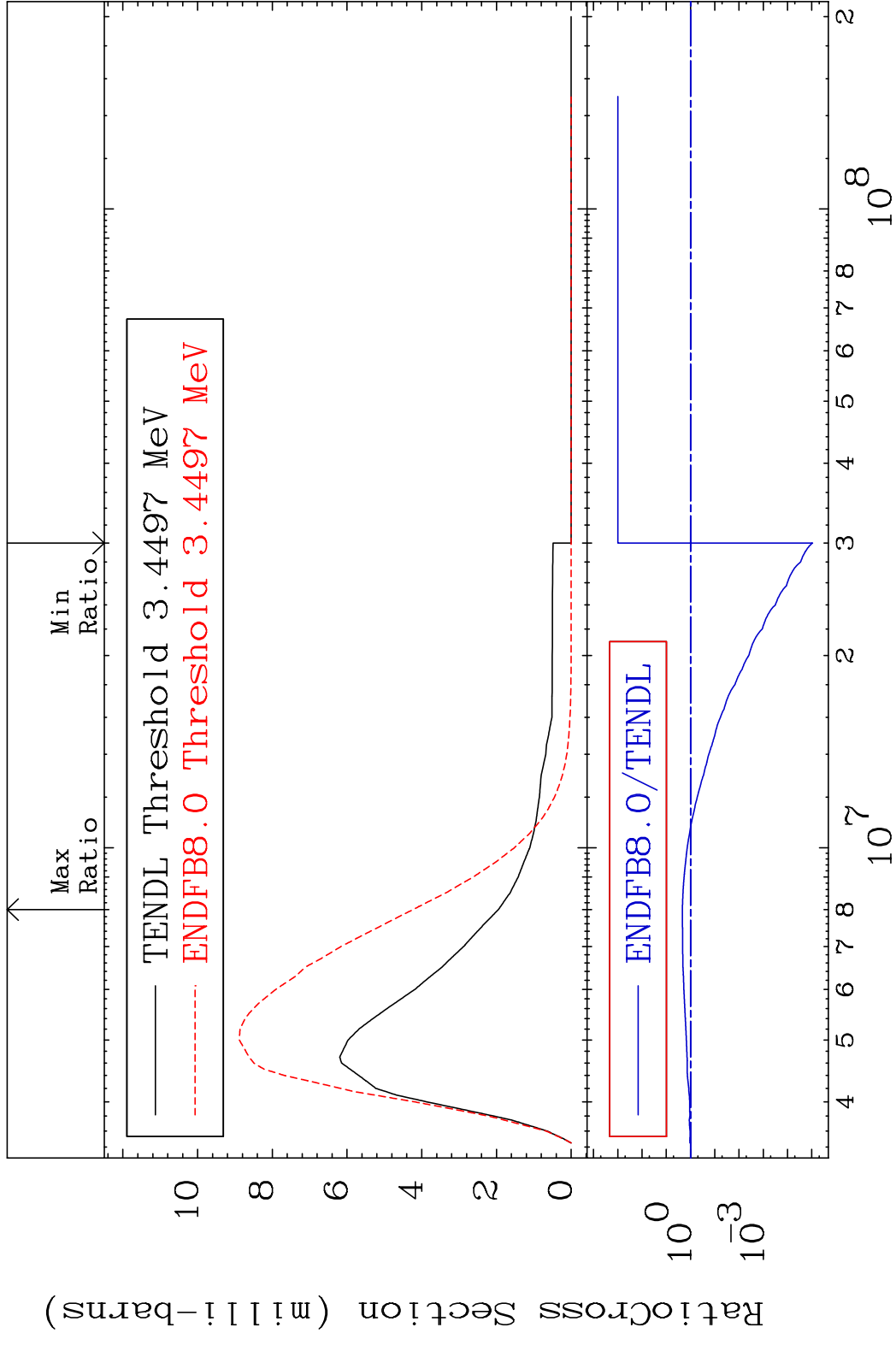
MAT 2631 MT= 57 (n, n') Level 26-Fe-56
 Cross Section -43.29 To 666.2 %



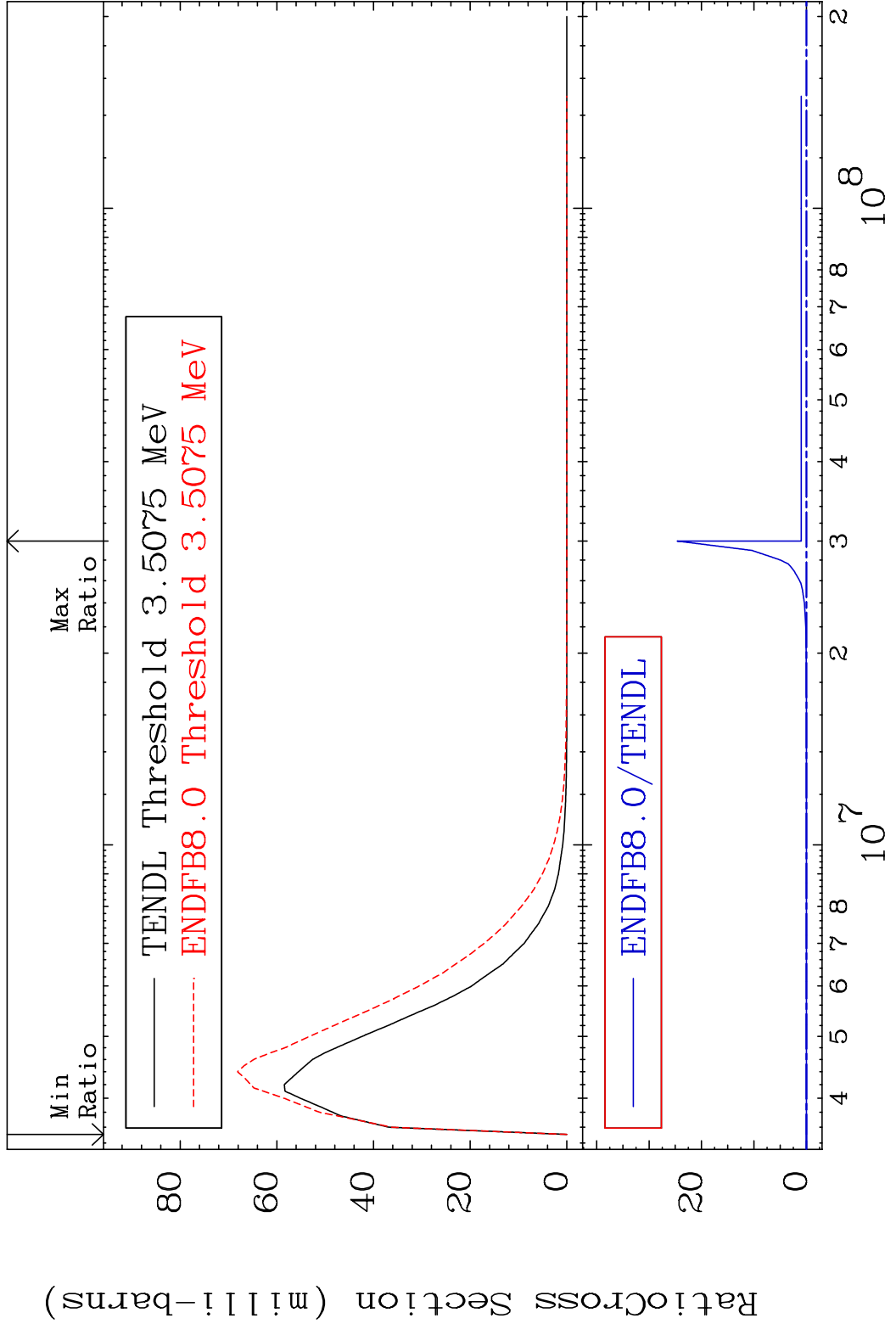
MAT 2631 MT= 58 (n,n') Level 26-Fe-56
 Cross Section -12.73 To 48.13 %



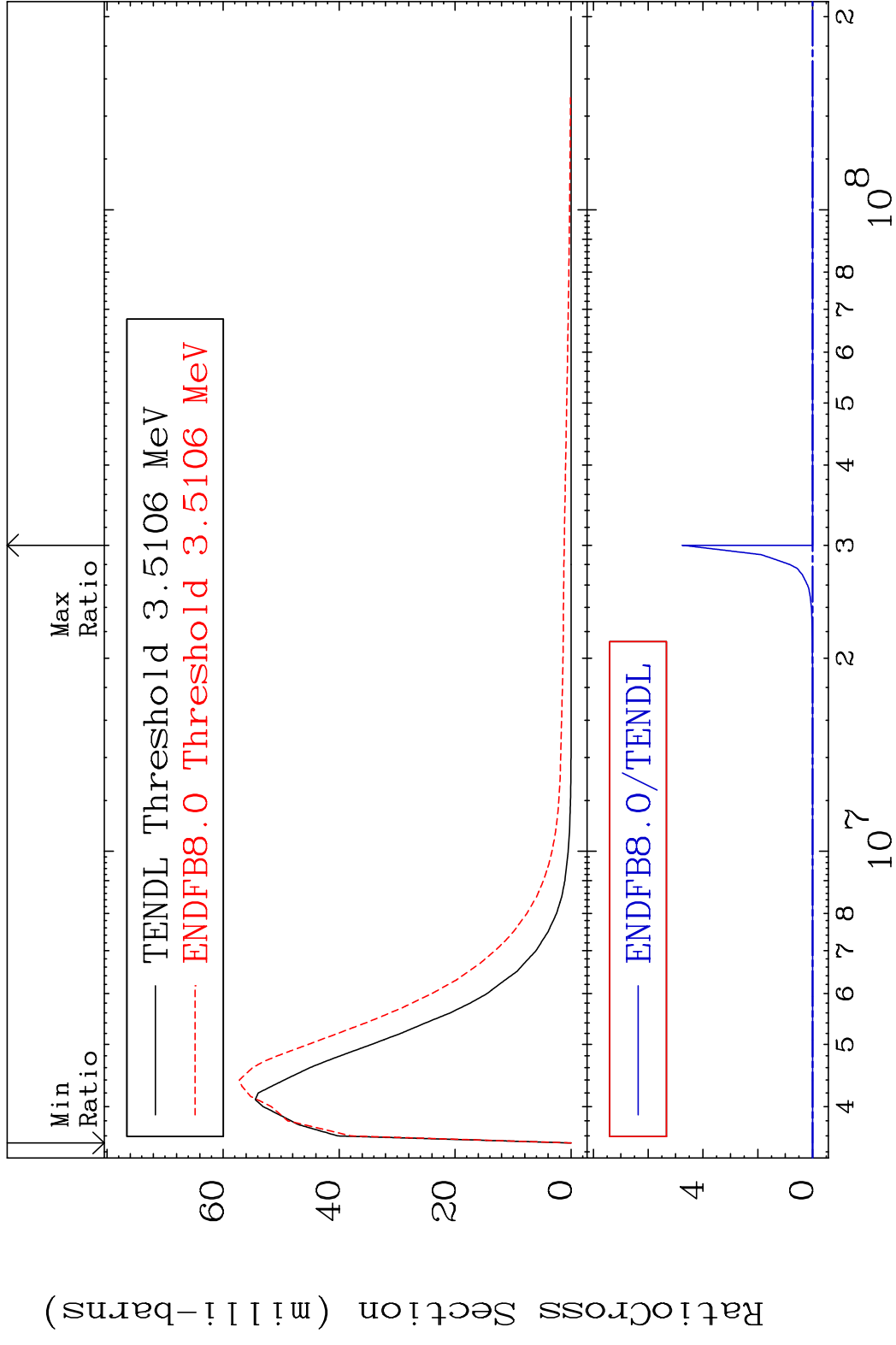
MAT 2631 MT= 59 (n,n') Level 26-Fe-56
 Cross Section -100.0 To 117.5 %



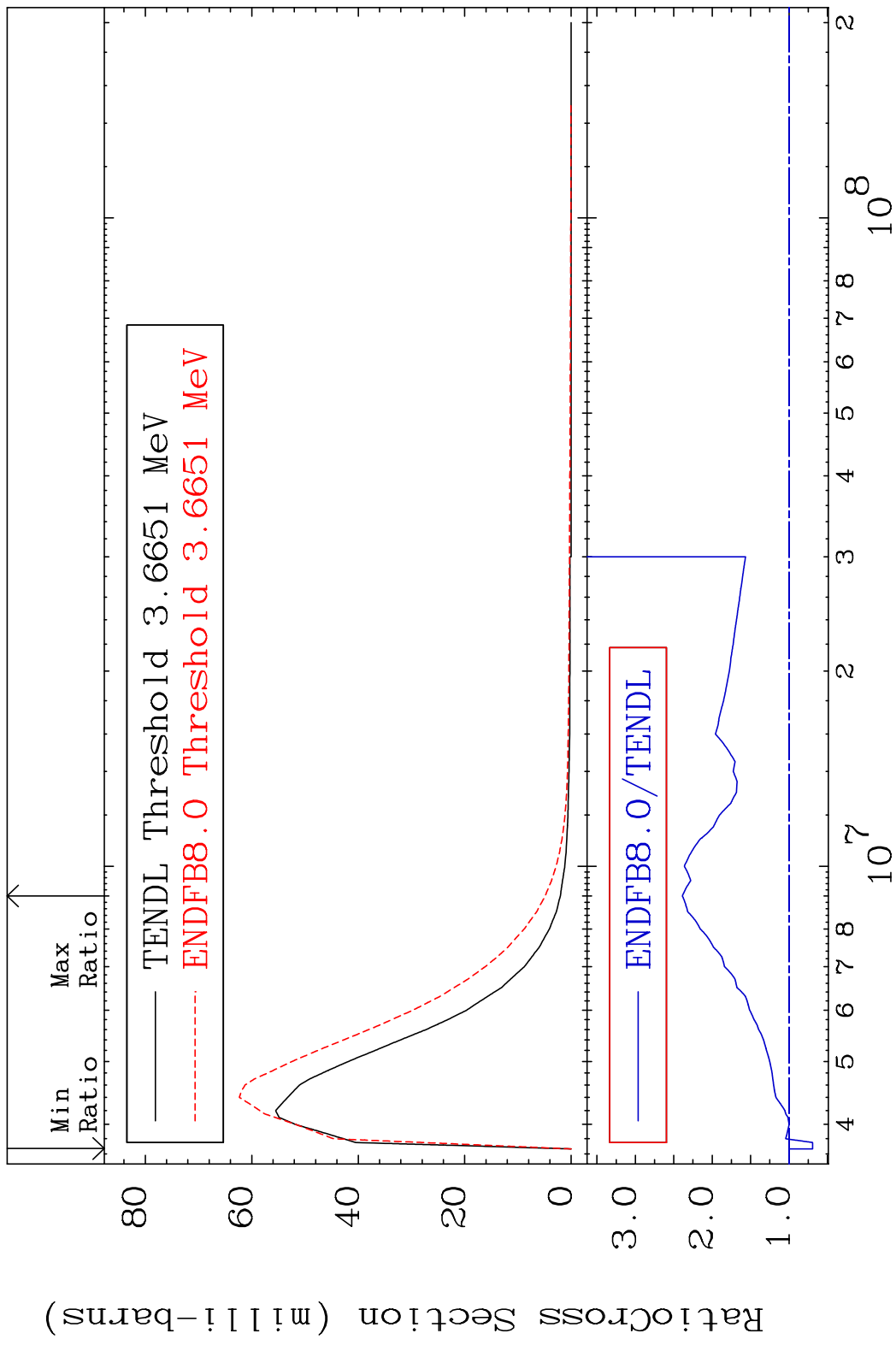
MAT 2631 MT= 60 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %



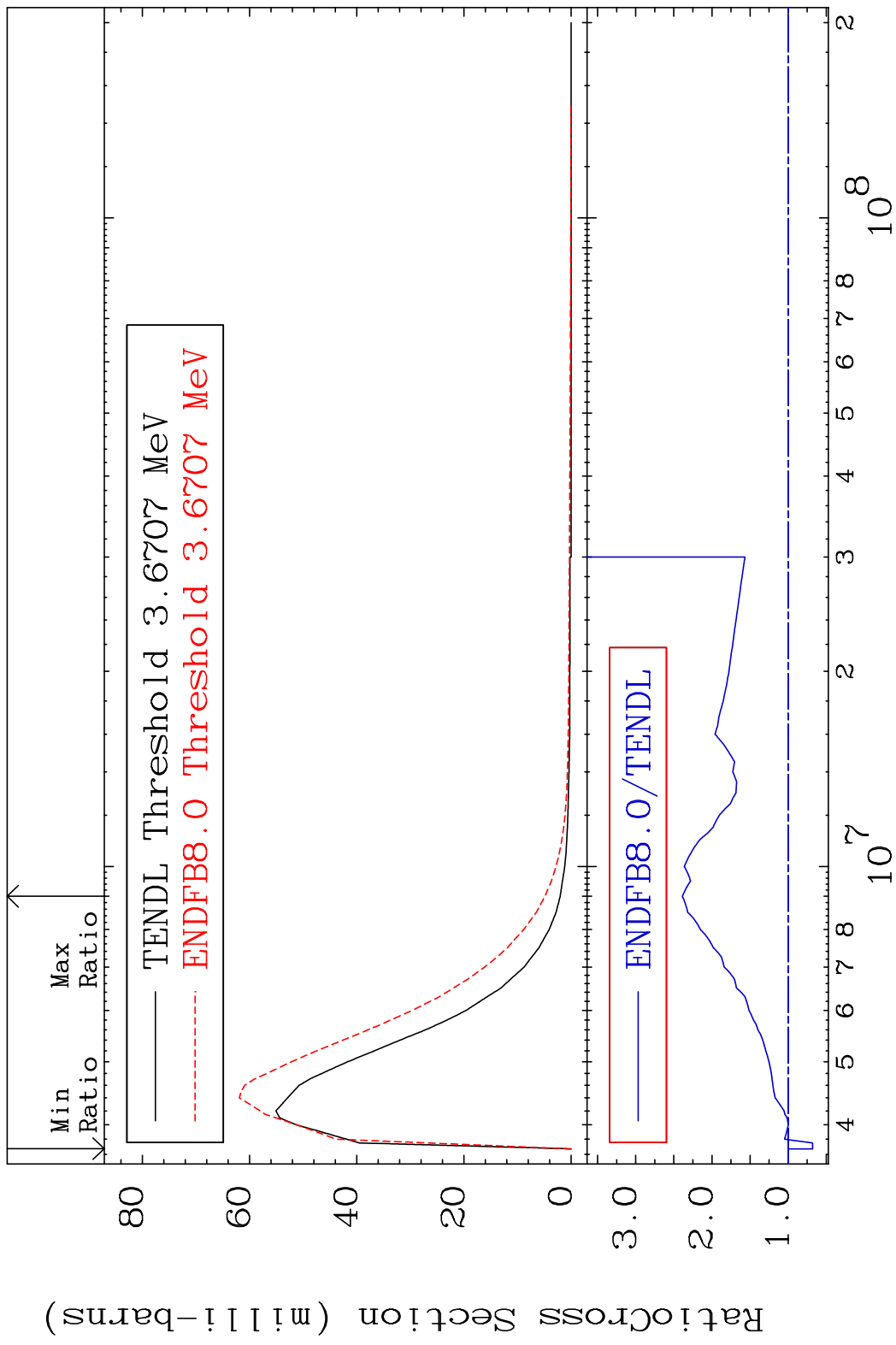
MAT 2631 MT= 61 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 9999. %



MAT 2631 MT= 62 (n, n') Level 26-Fe-56
 Cross Section -30.64 To 138.8 %

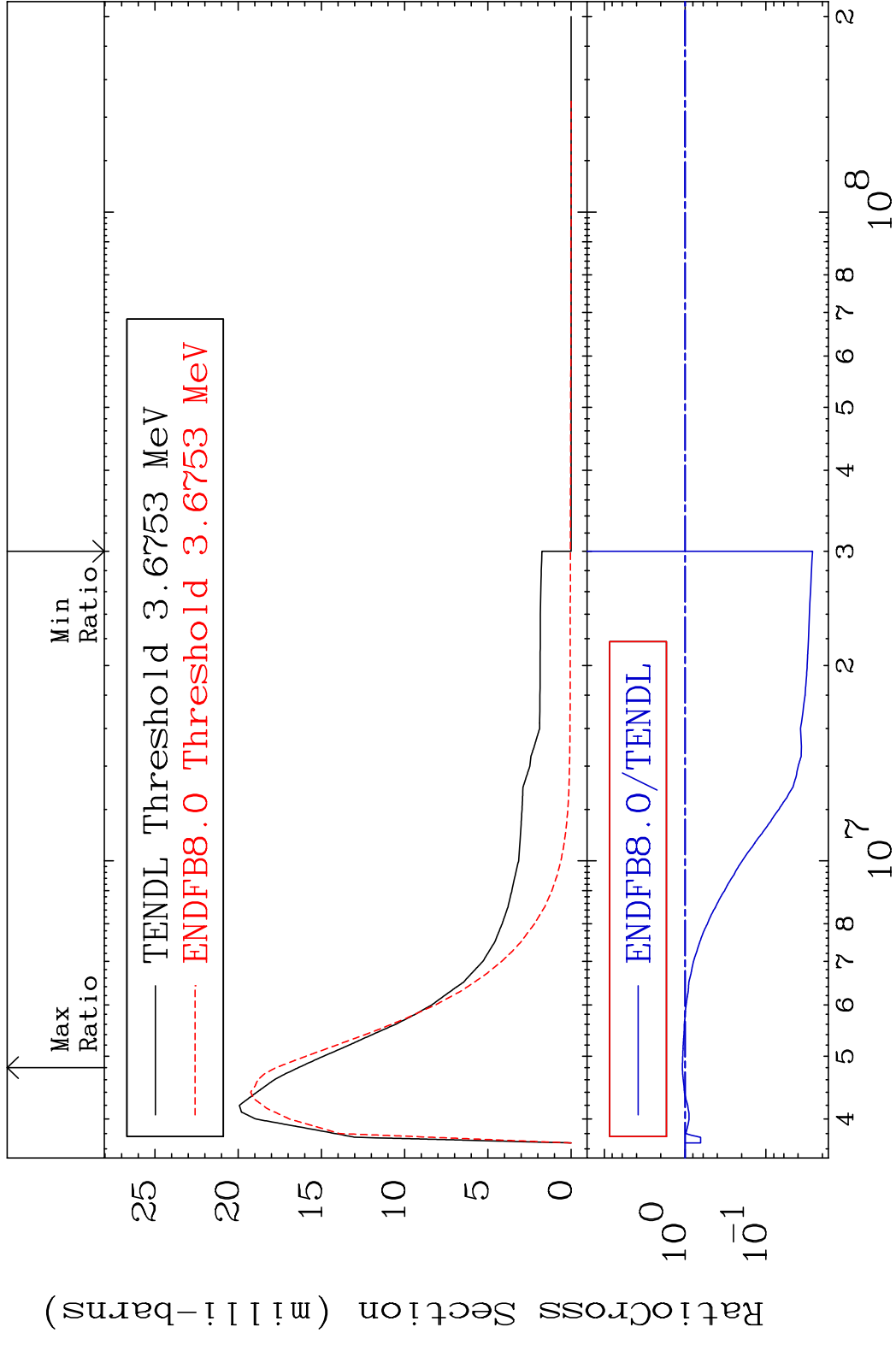


MAT 2631 MT= 63 (n, n') Level 26-Fe-56
 Cross Section -32.02 To 138.8 %

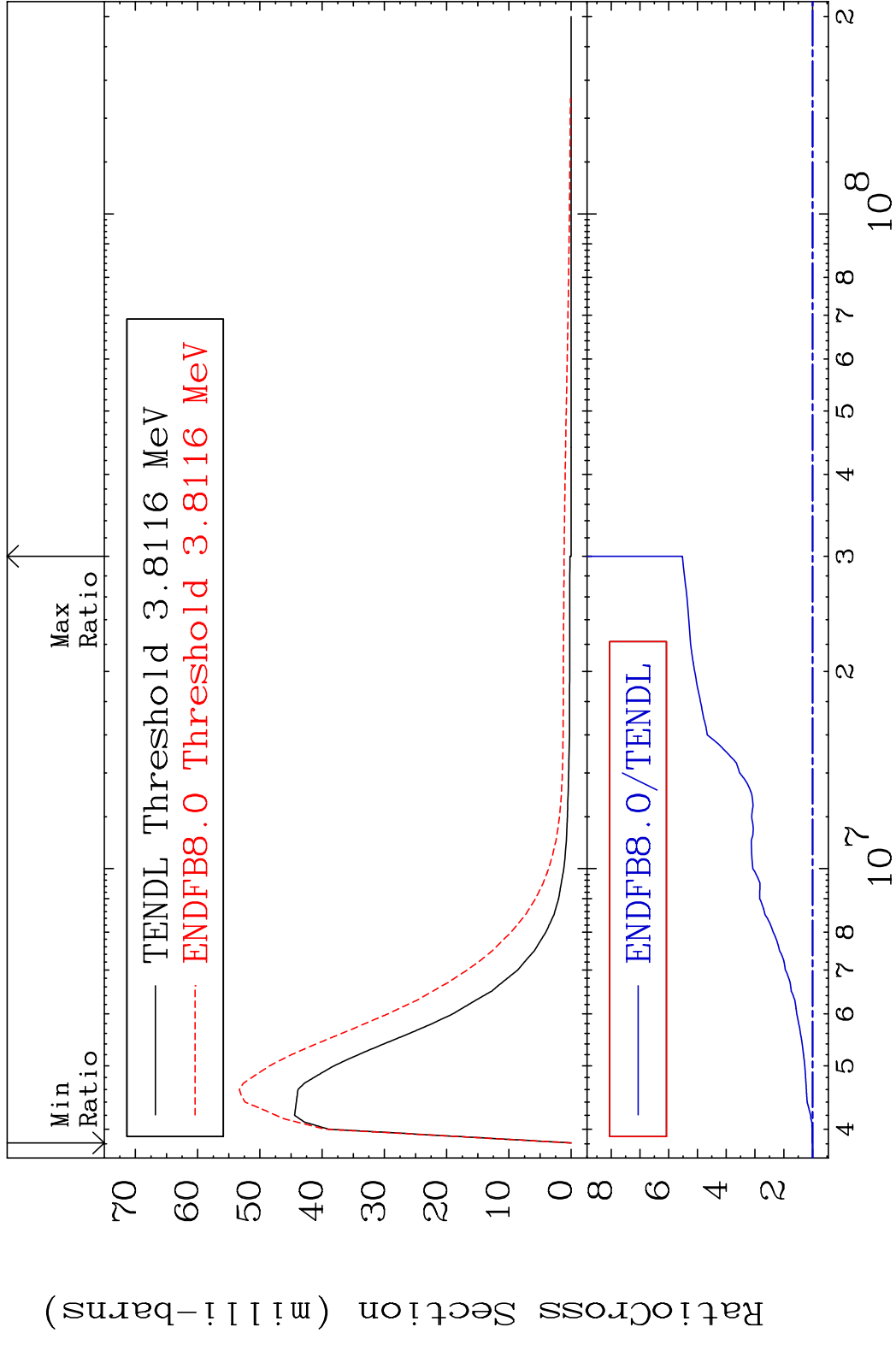


18 Incident Energy (eV) 26-Fe-56

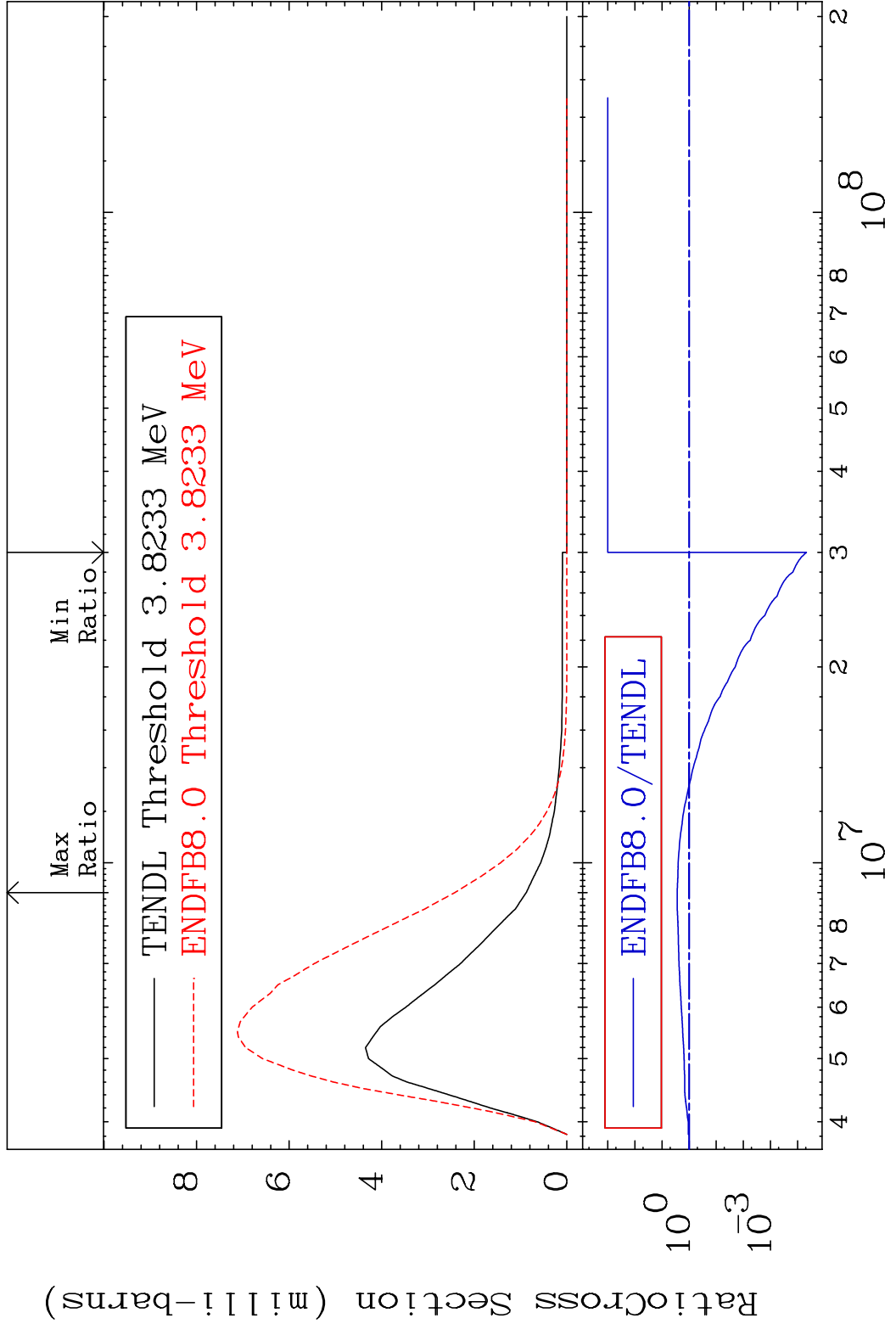
MAT 2631 MT= 64 (n, n') Level 26-Fe-56
 Cross Section -97.35 To 8.226 %



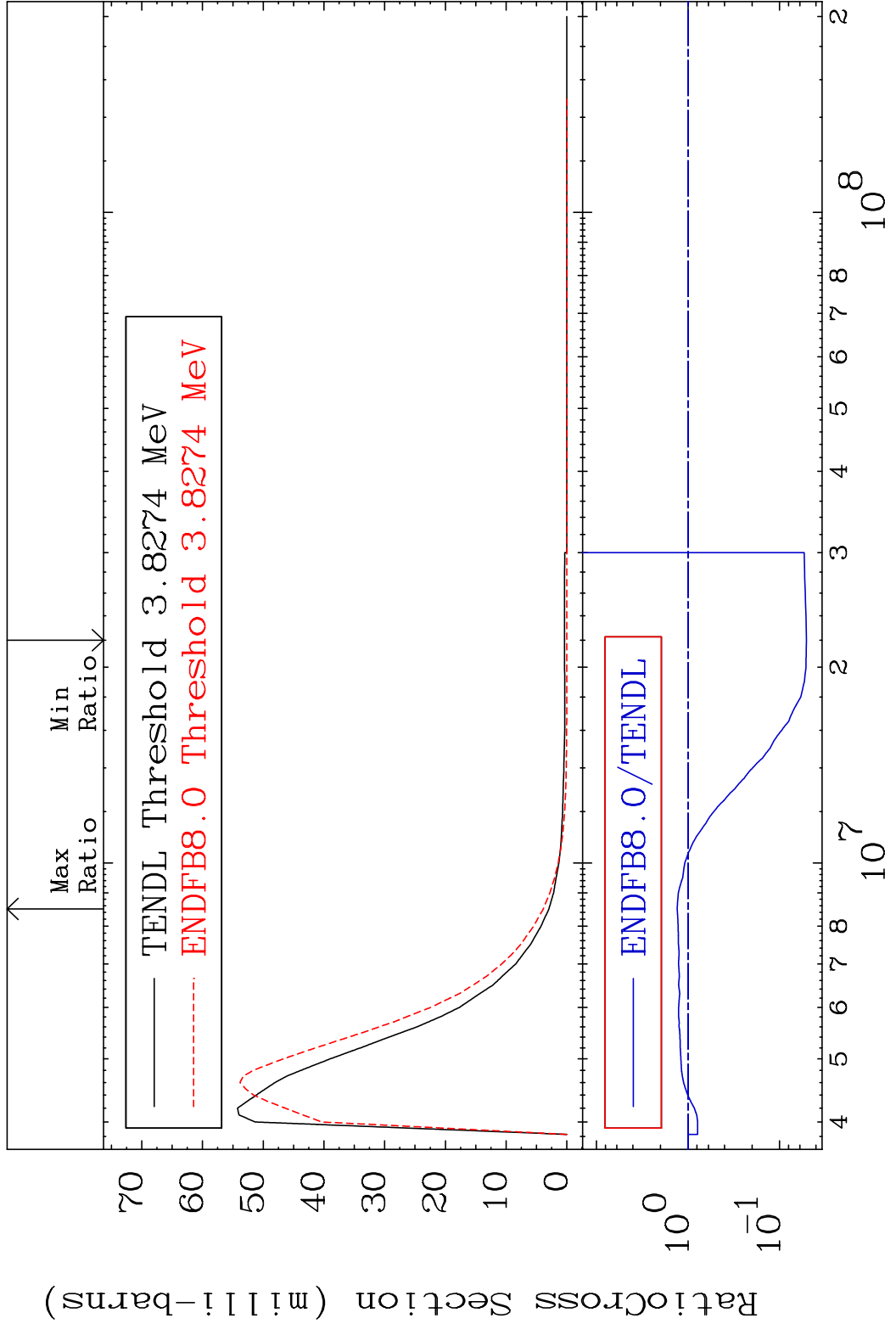
MAT 2631 MT= 65 (n, n') Level 26-Fe-56
 Cross Section 0.000 To 452.5 %



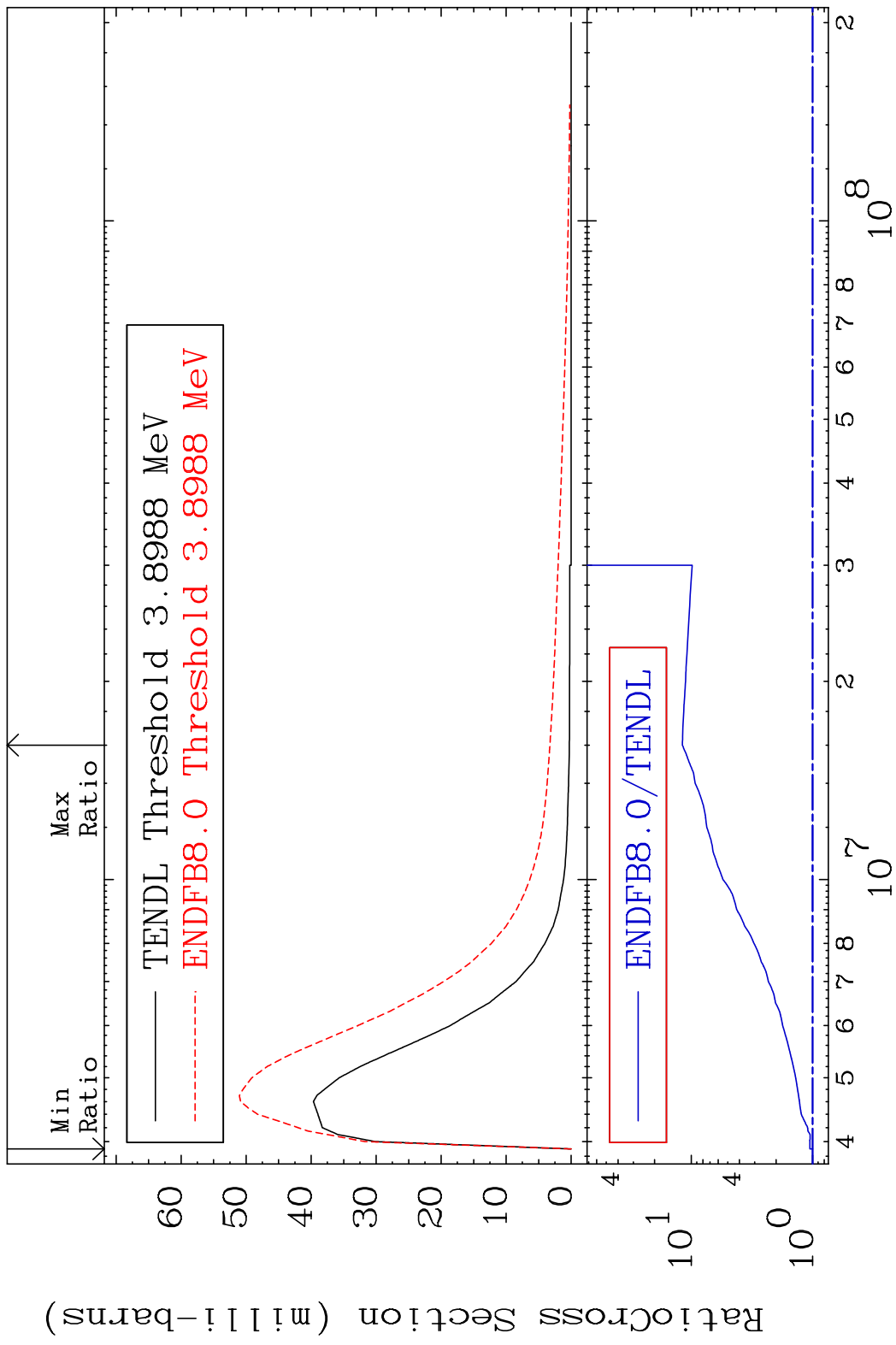
MAT 2631 MT= 66 (n, n') Level 26-Fe-56
 Cross Section -100.0 To 176.2 %



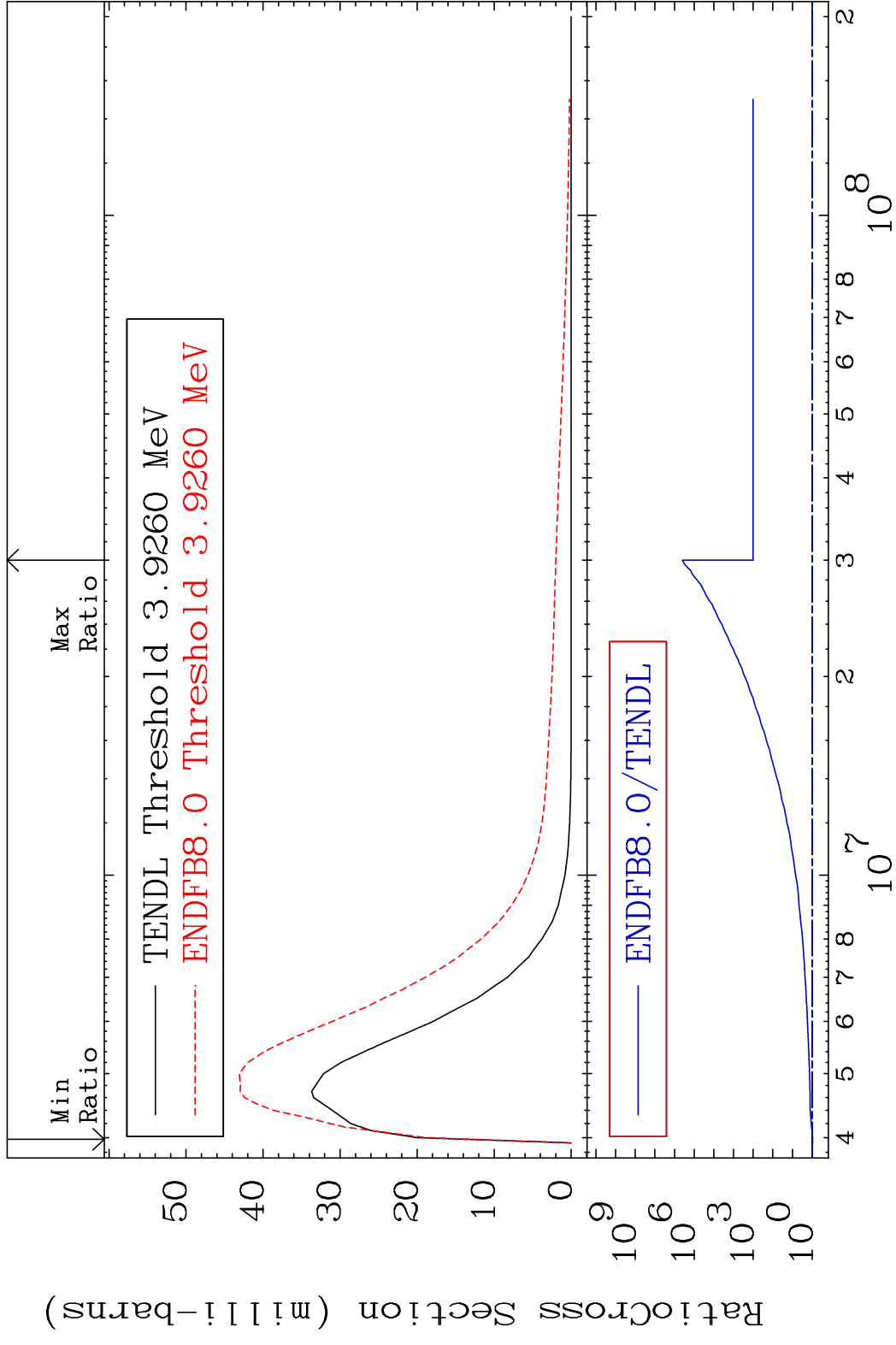
MAT 2631 MT= 67 (n, n') Level 26-Fe-56
 Cross Section -94.90 To 31.48 %



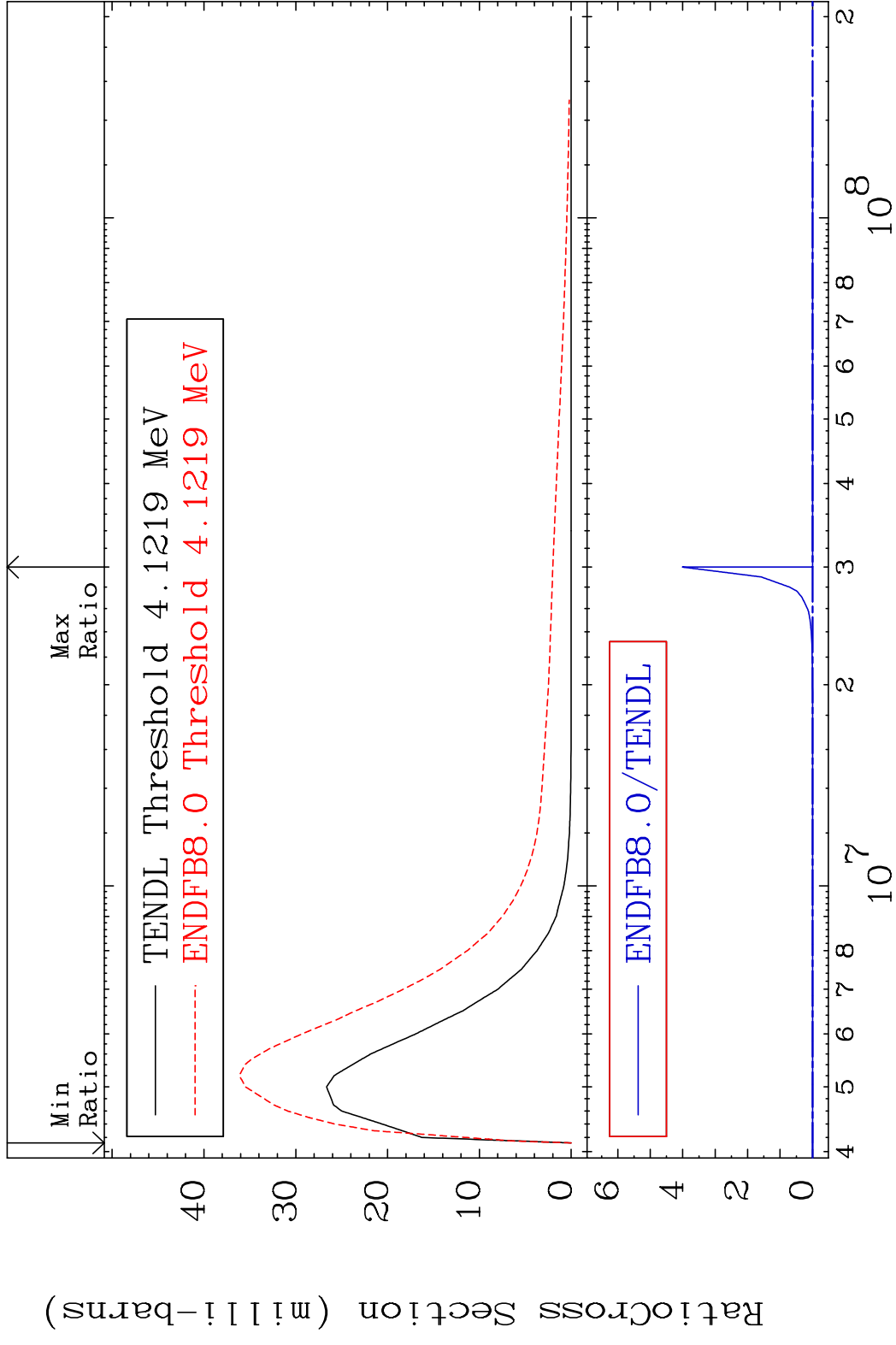
MAT 2631 MT= 68 (n,n') Level 26-Fe-56
 Cross Section 0.000 To 1082. %



MAT 2631 MT= 69 (n, n') Level 26-Fe-56
 Cross Section -5.500 To 9999. %



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

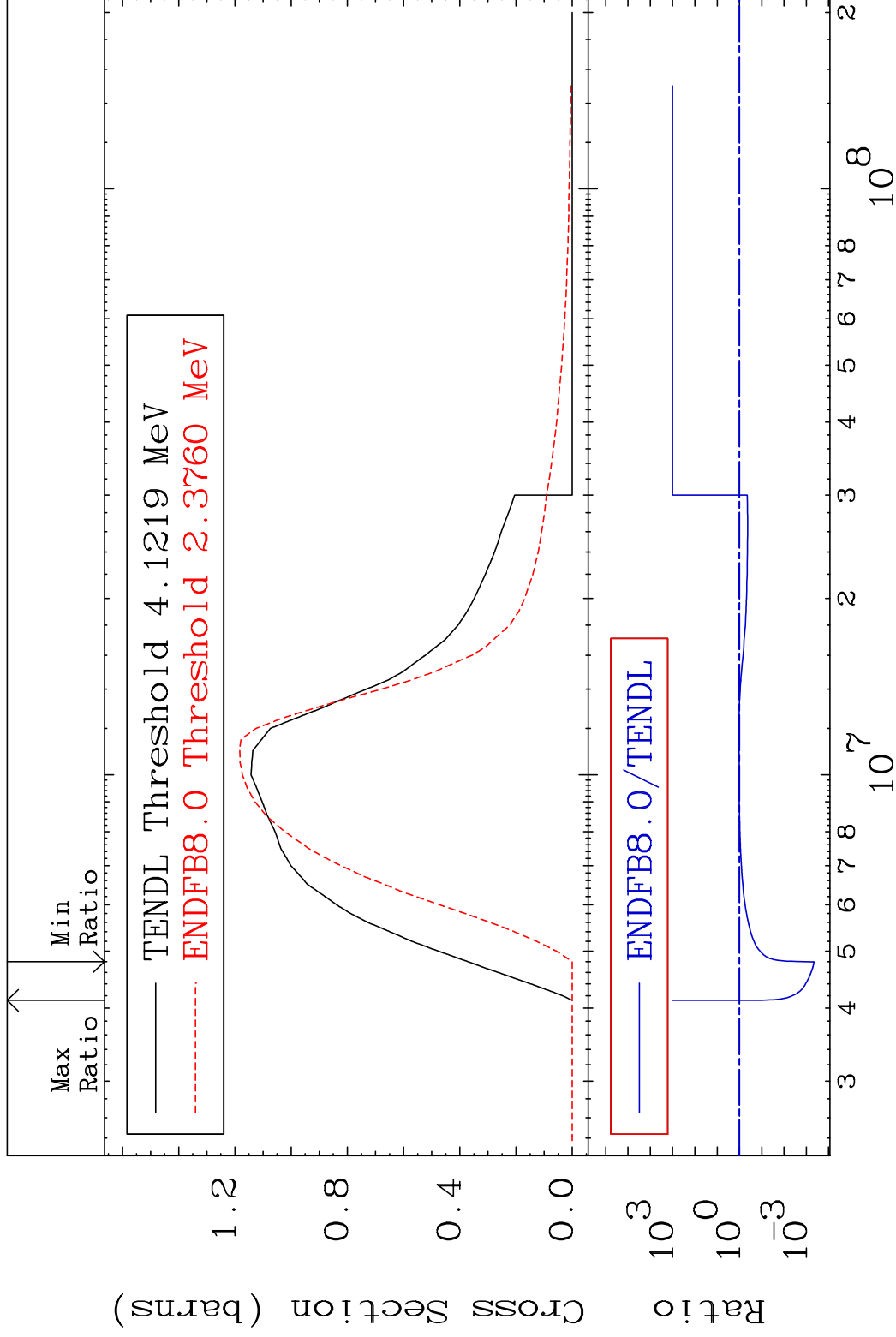


MAT 2631

(n,n') Continuum

²⁶Fe-56

Cross Section -99.96 To 9999. %



26

Incident Energy (eV)

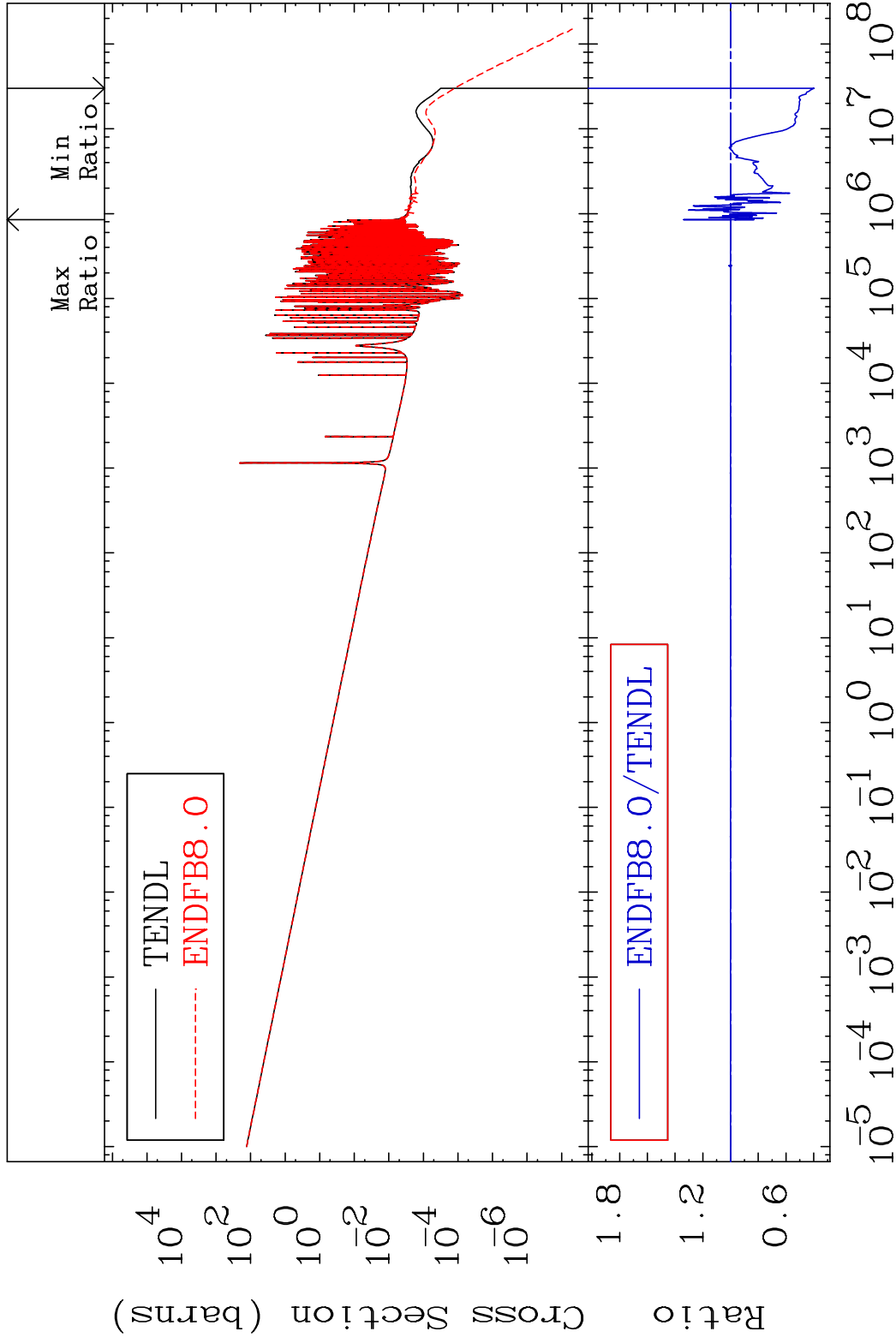
²⁶Fe-56

MAT 2631

(n, γ)

26-Fe-56

Cross Section -60.29 To 33.82 %

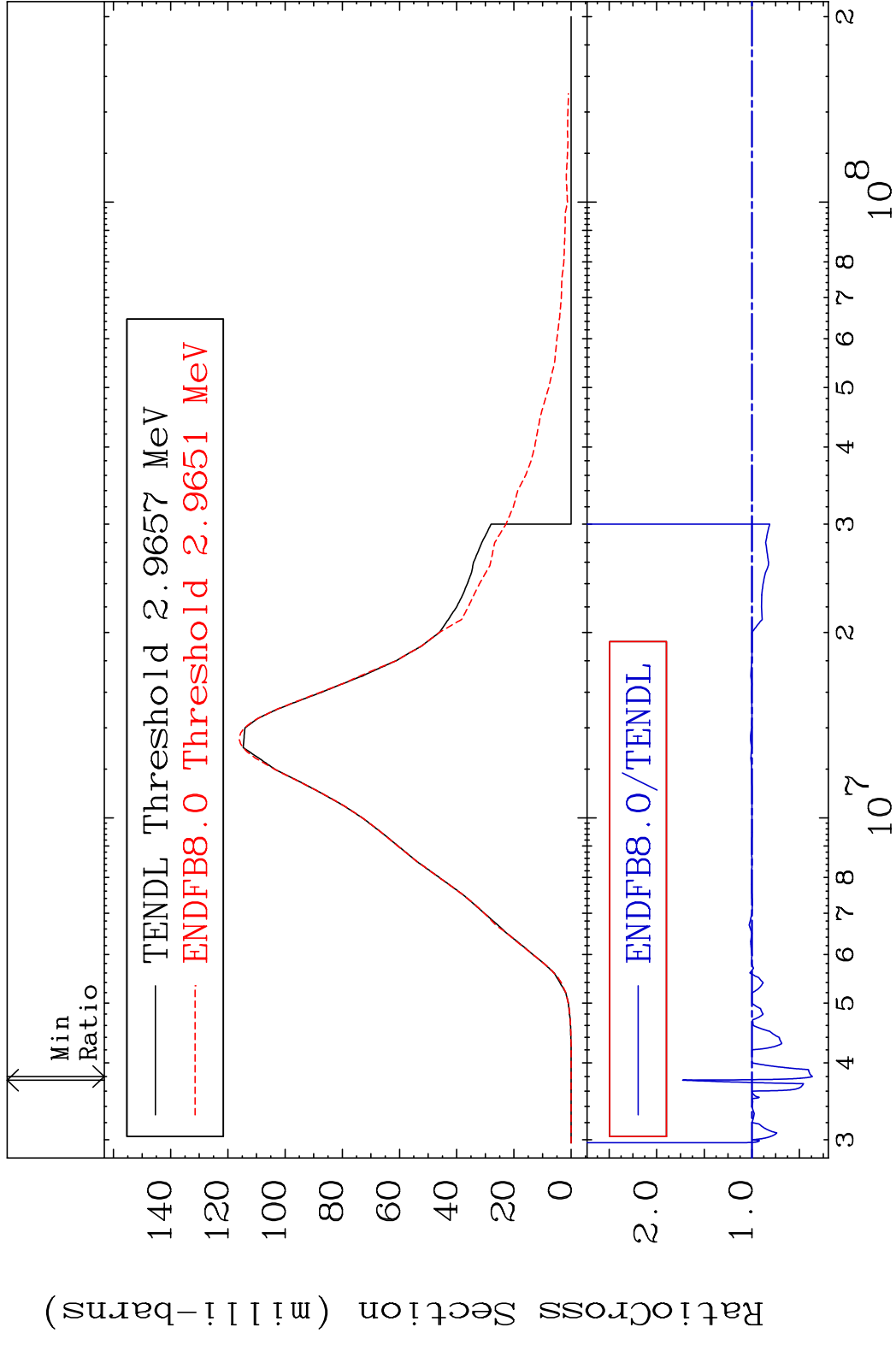


27

Incident Energy (eV)

26-Fe-56

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



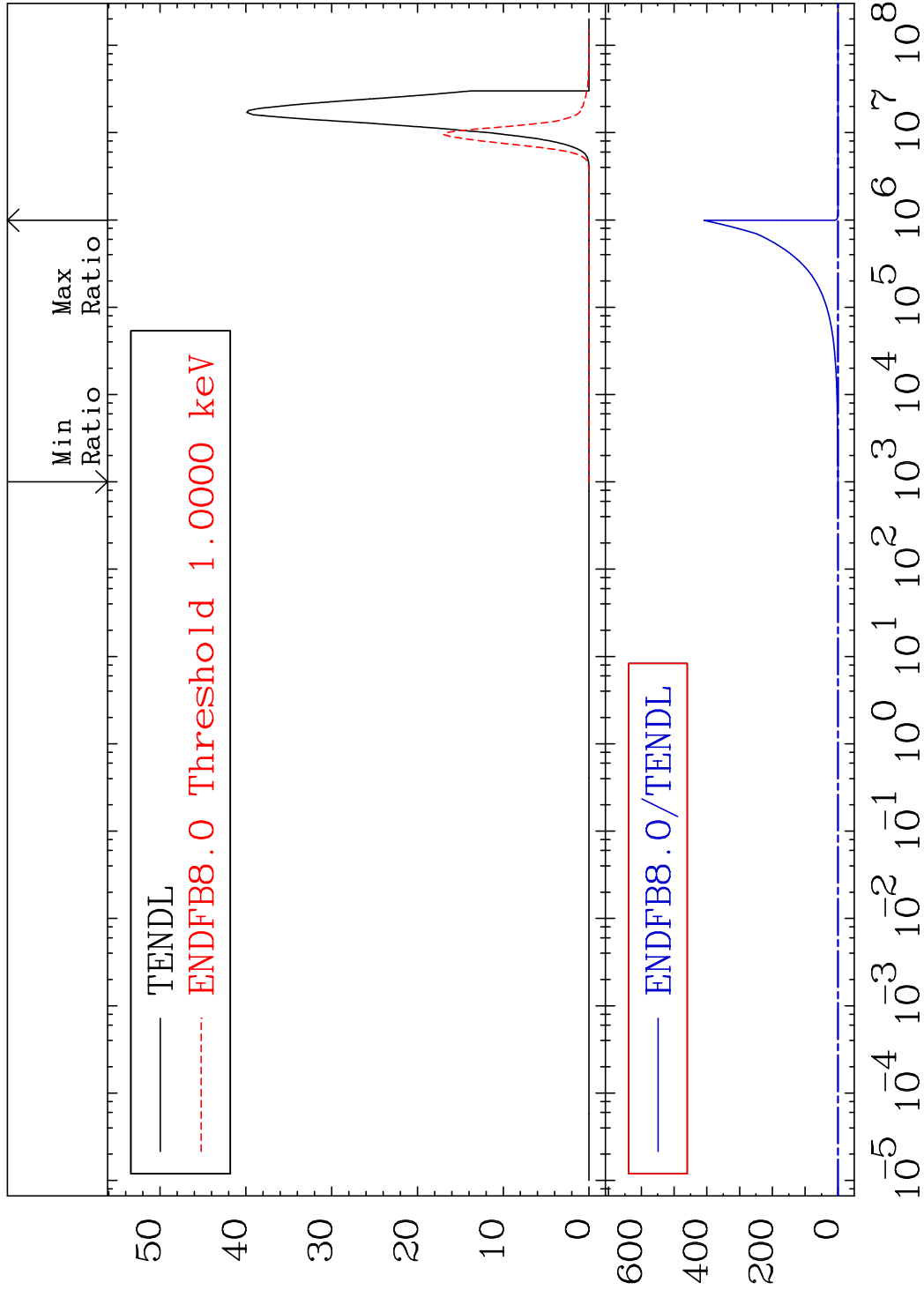
MAT 2631

(n, α)

²⁶Fe-56

Cross Section -100.0 To 9999. %

RatioCross Section (milli-barns)

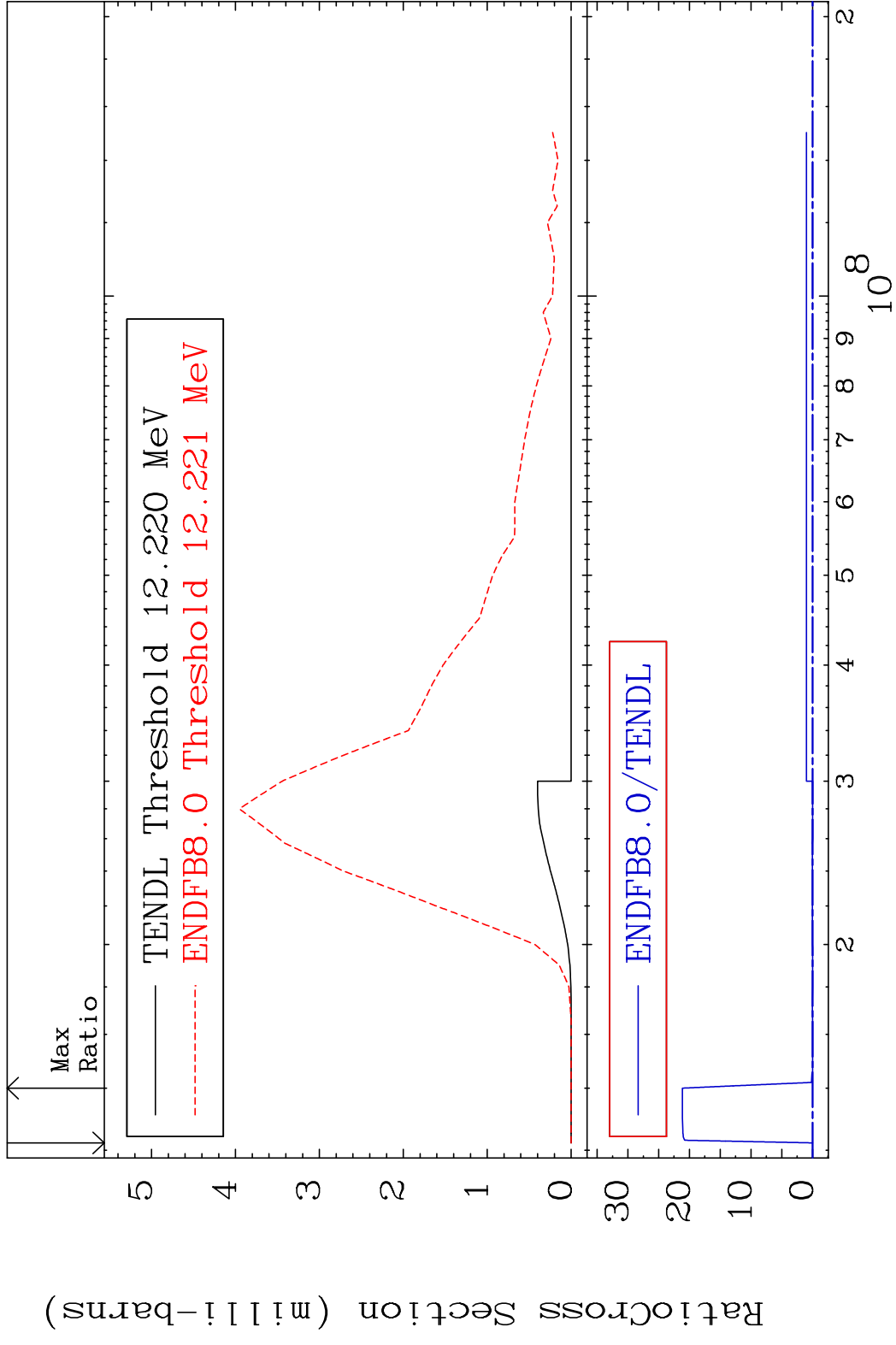


29

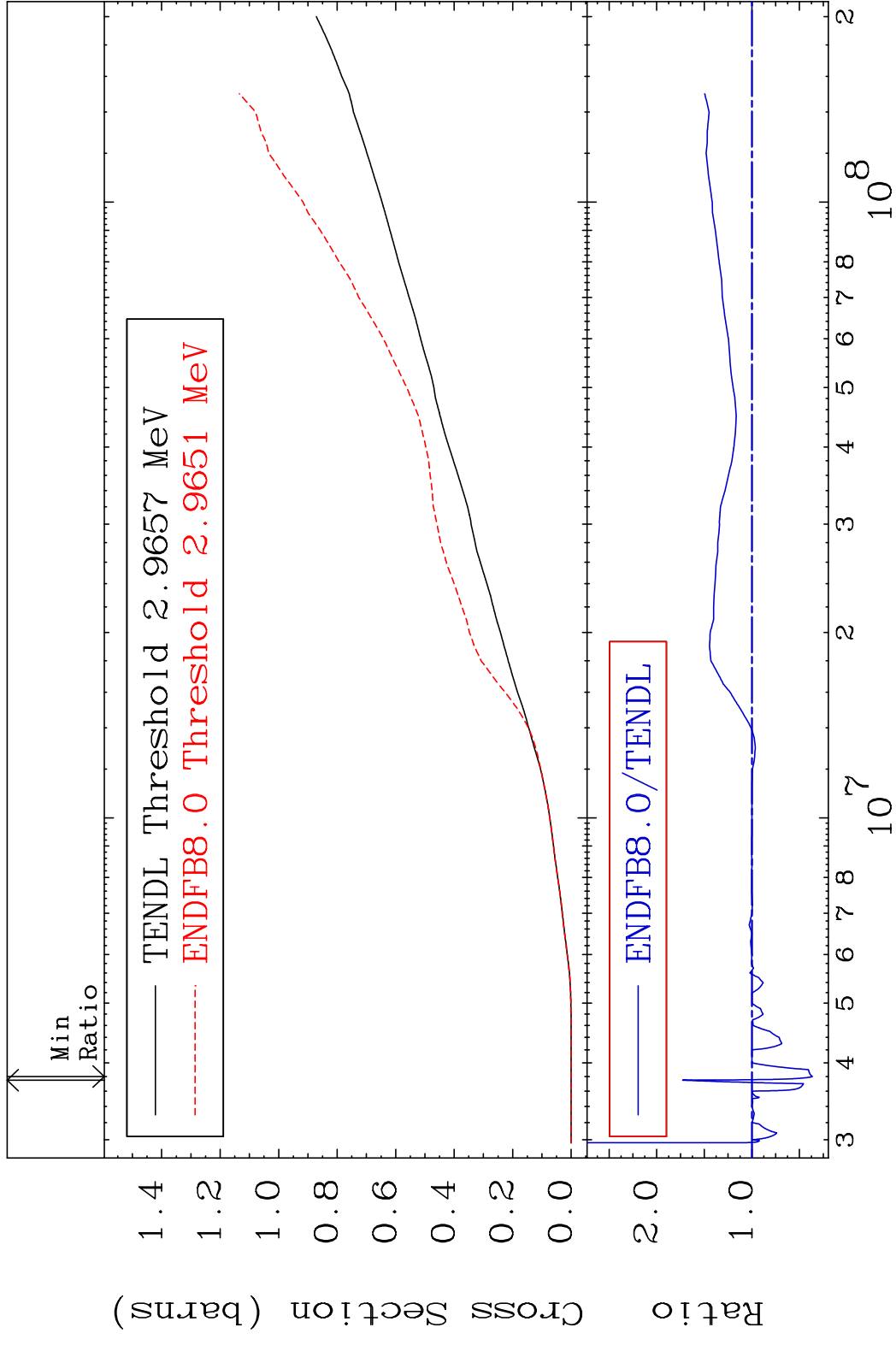
Incident Energy (eV)

²⁶Fe-56

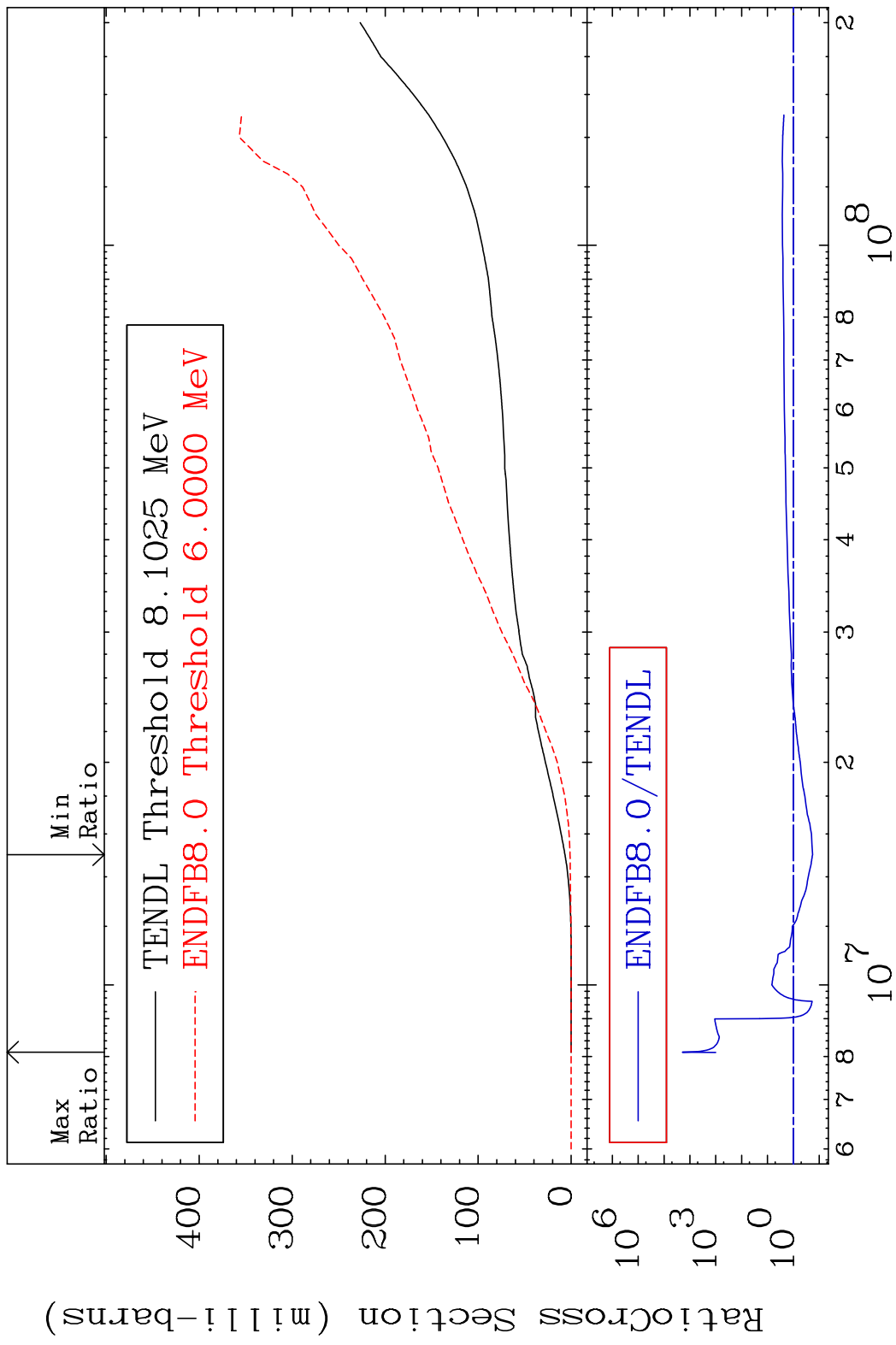
MAT 2631 (n,2p) 26-Fe-56
 Cross Section -100.0 To 9999. %



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



MAT 2631 Deuterium Production 26-Fe-56
 Cross Section -81.87 To 9999. %



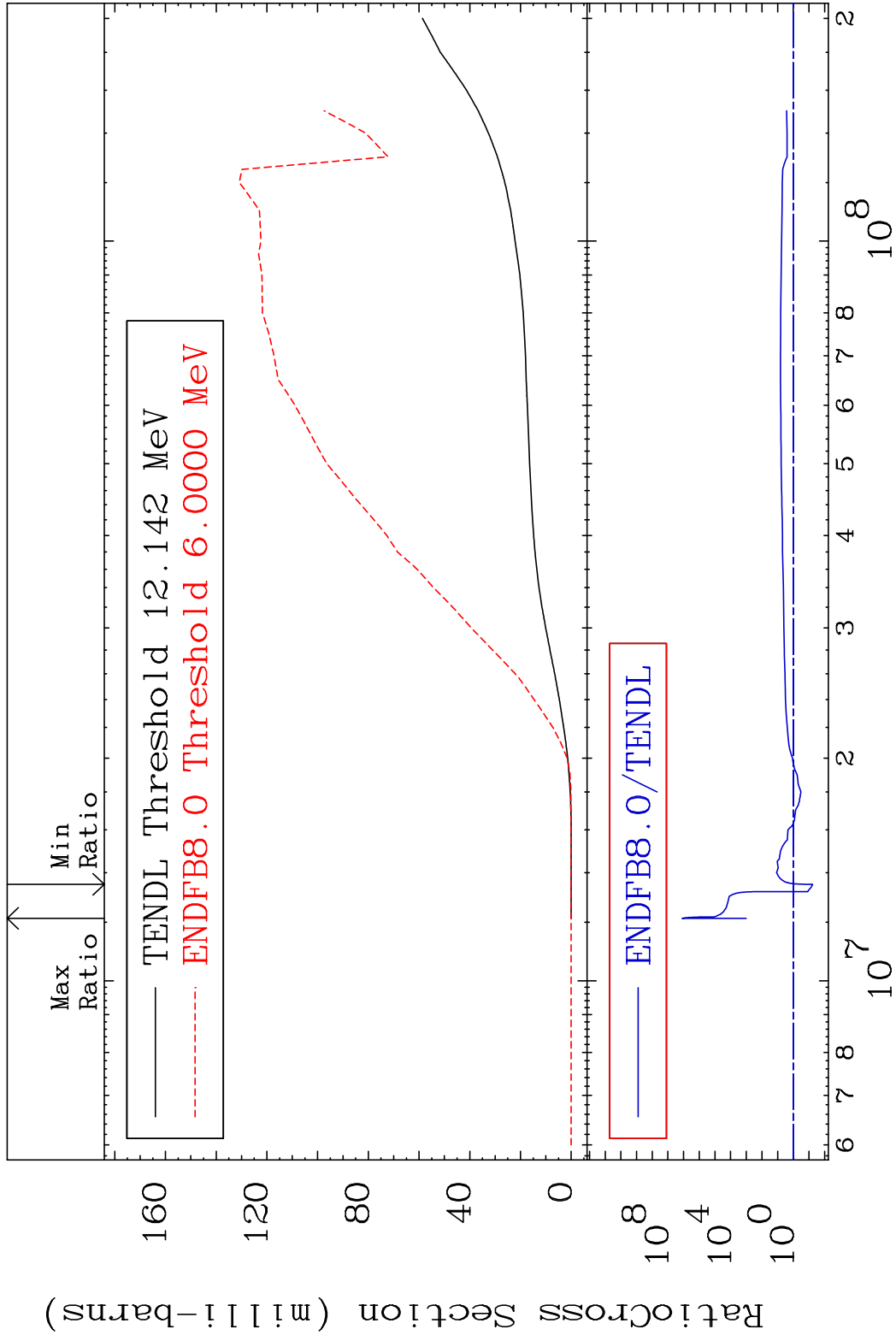
32 Incident Energy (eV) 26-Fe-56

MAT 2631

Tritium Production

²⁶Fe-56

Cross Section -94.12 To 9999. %

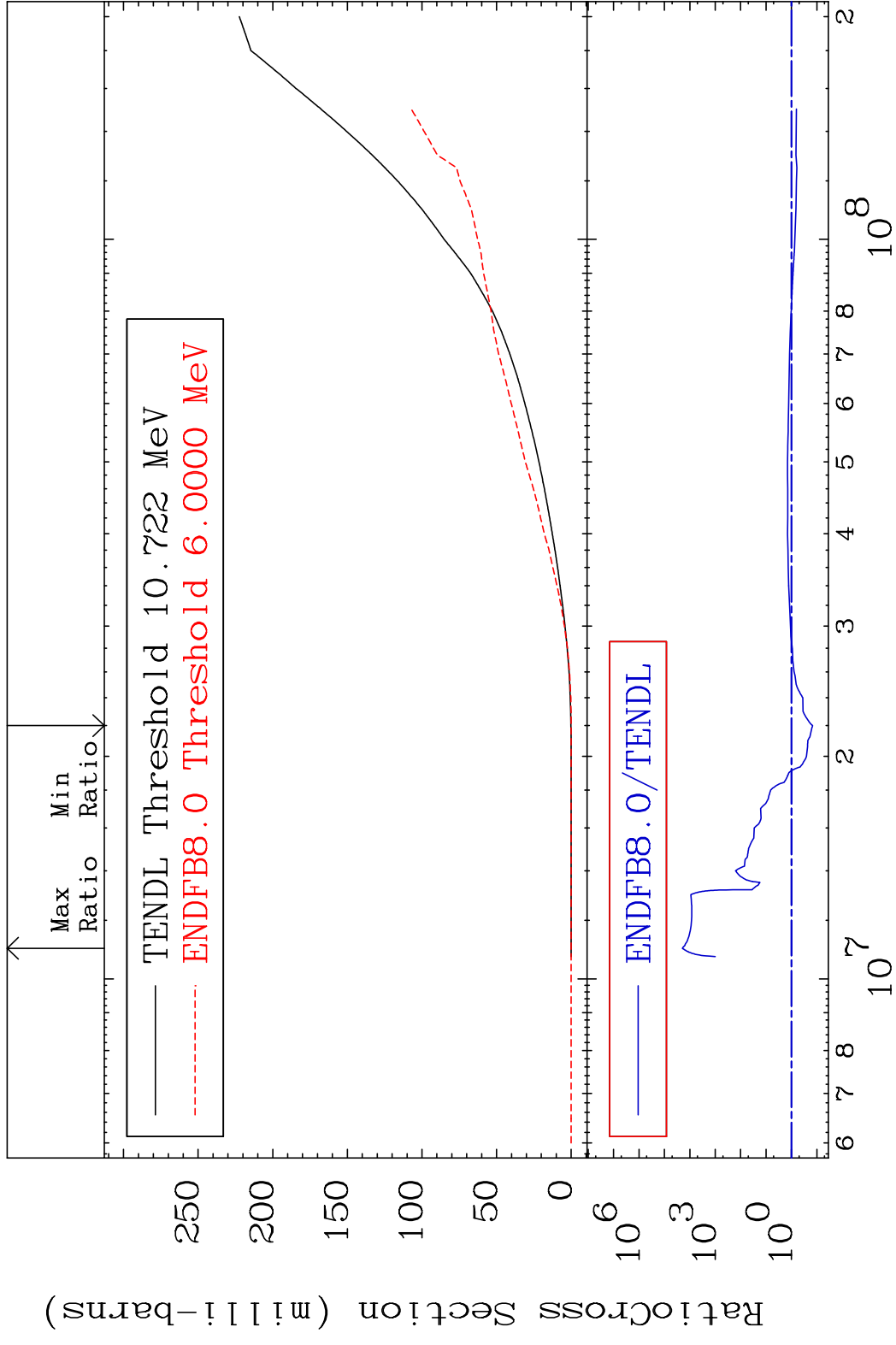


33

Incident Energy (eV)

²⁶Fe-56

MAT 2631 He-3 Production 26-Fe-56
 Cross Section -85.18 To 9999. %



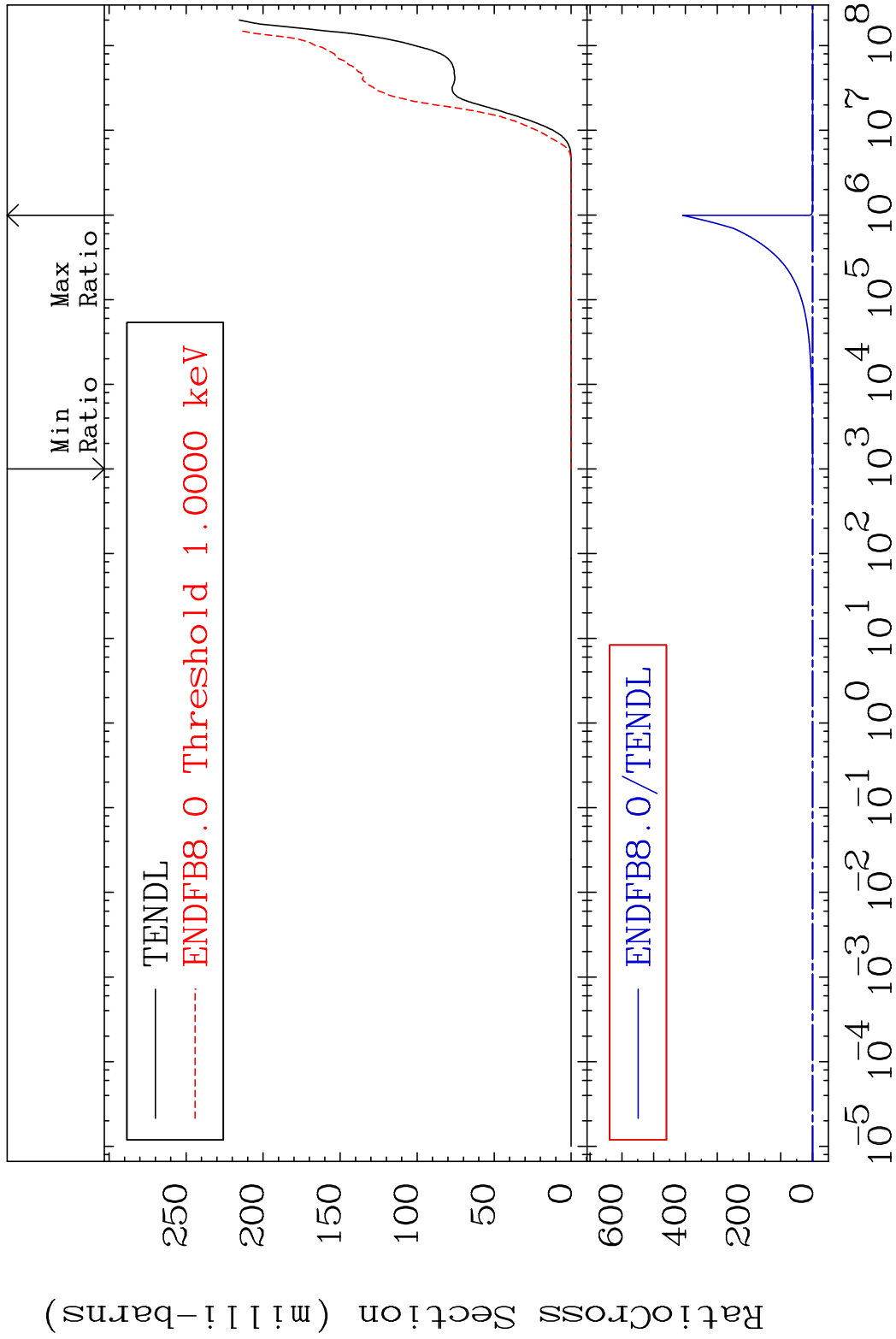
34 Incident Energy (eV) 26-Fe-56

MAT 2631

He-4 Production

²⁶Fe-56

Cross Section -100.0 To 9999. %

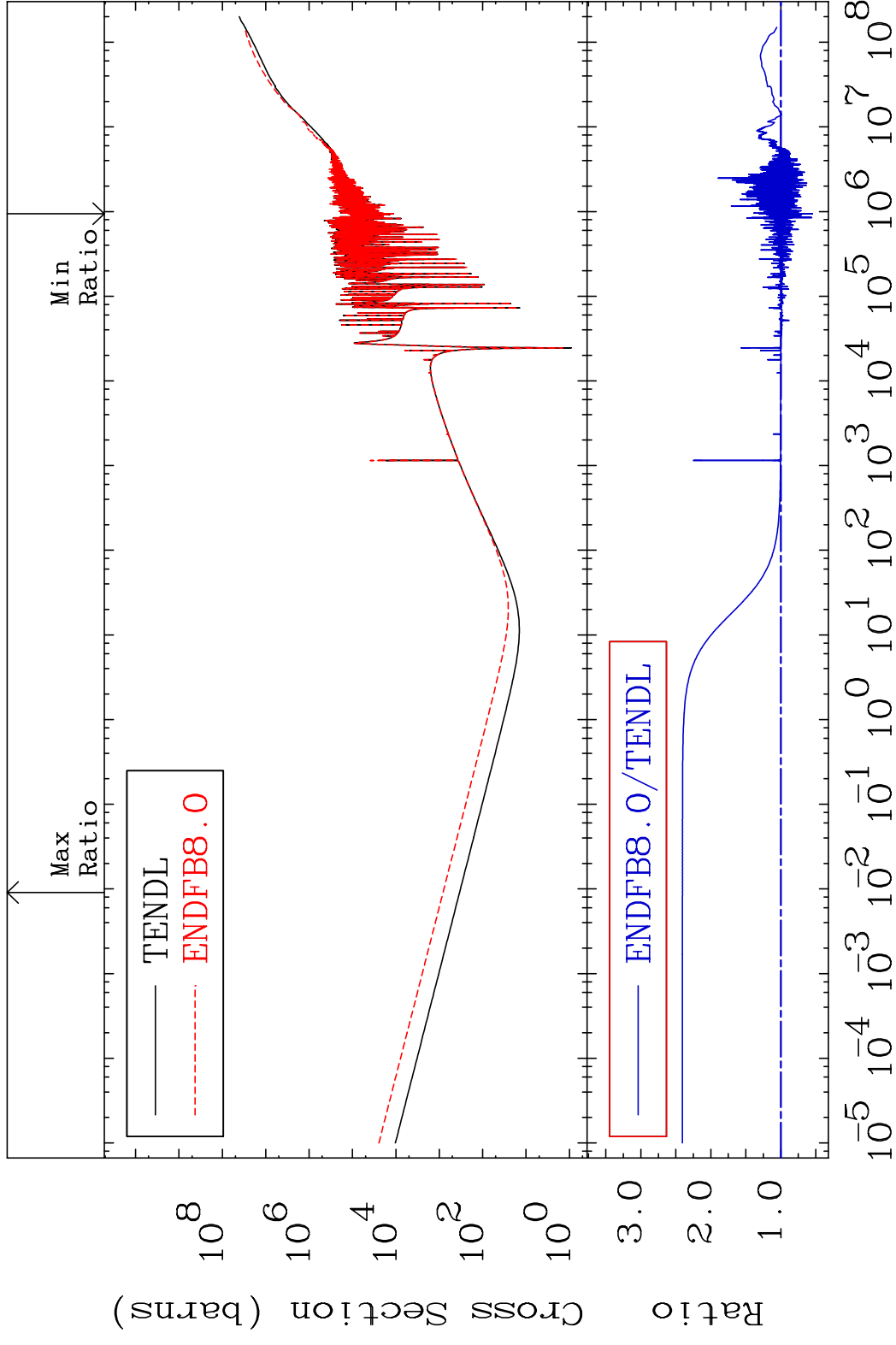


35

Incident Energy (eV)

²⁶Fe-56

MAT 2631 Kerma total (eV-barns) 26-Fe-56
 Cross Section -45.38 To 140.7 %

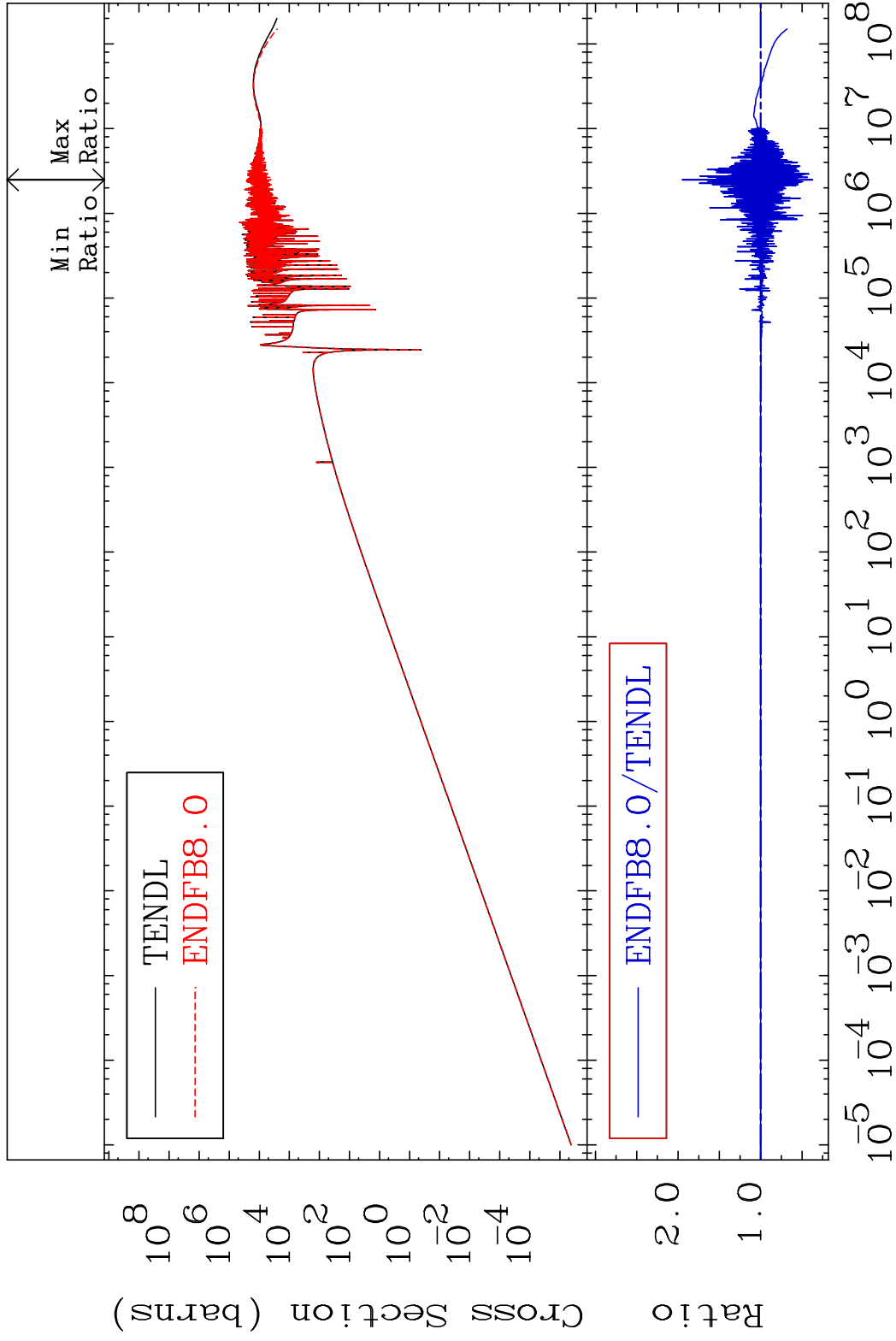


36 Incident Energy (eV) 26-Fe-56

MAT 2631

Kerma elastic
Cross Section

26-Fe-56
-62.75 To 94.80 %

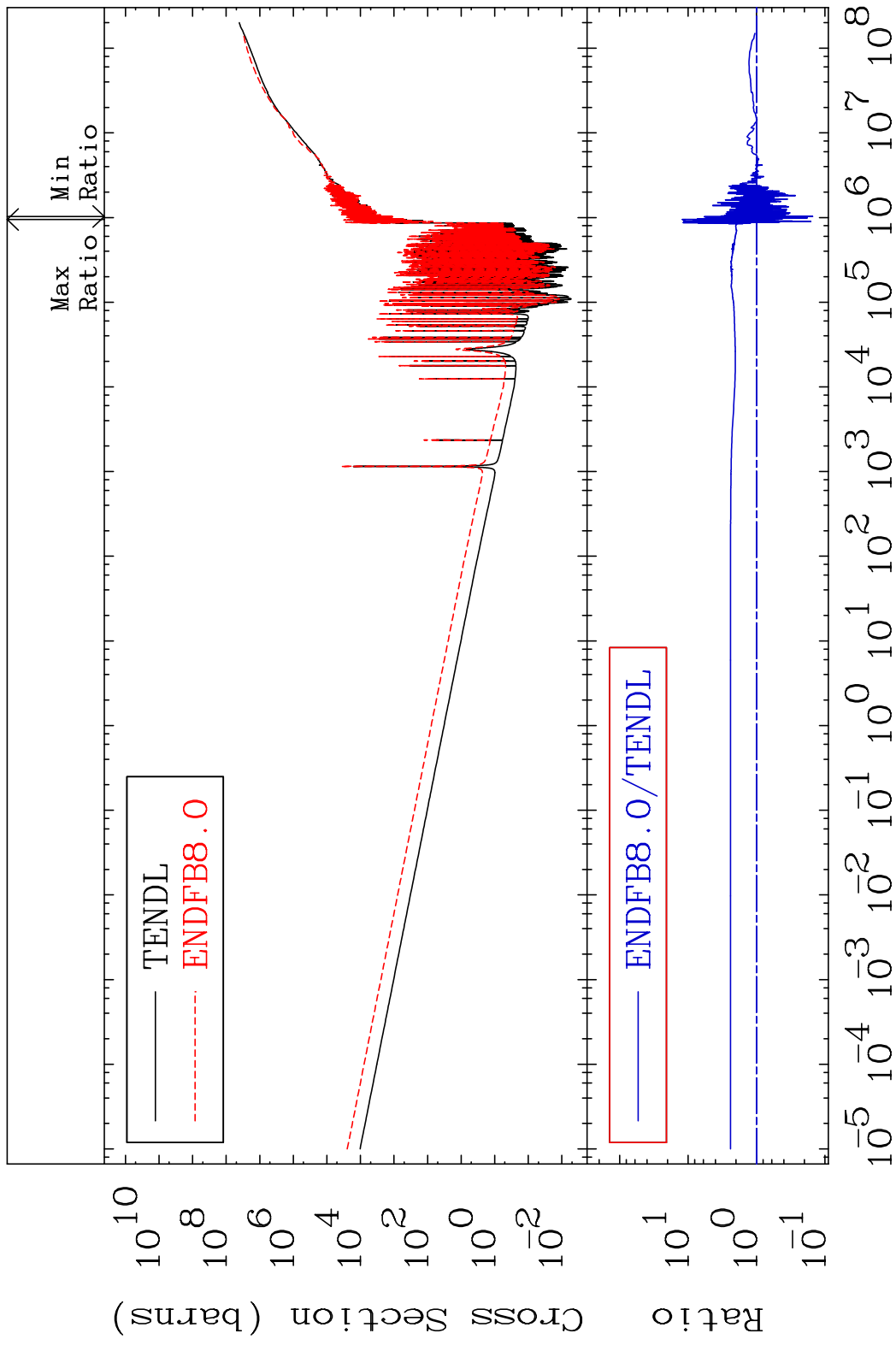


37

Incident Energy (eV)

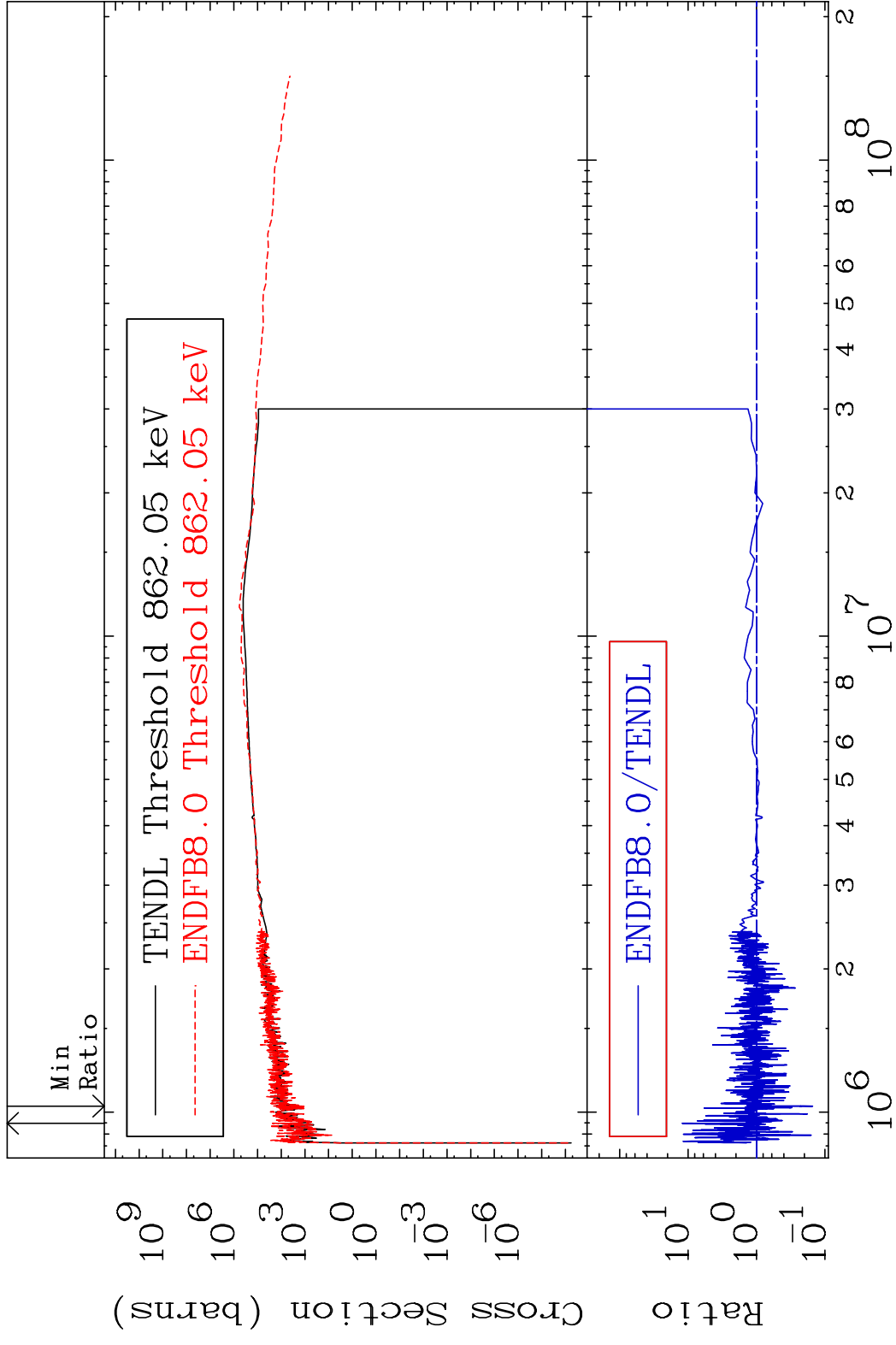
26-Fe-56

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

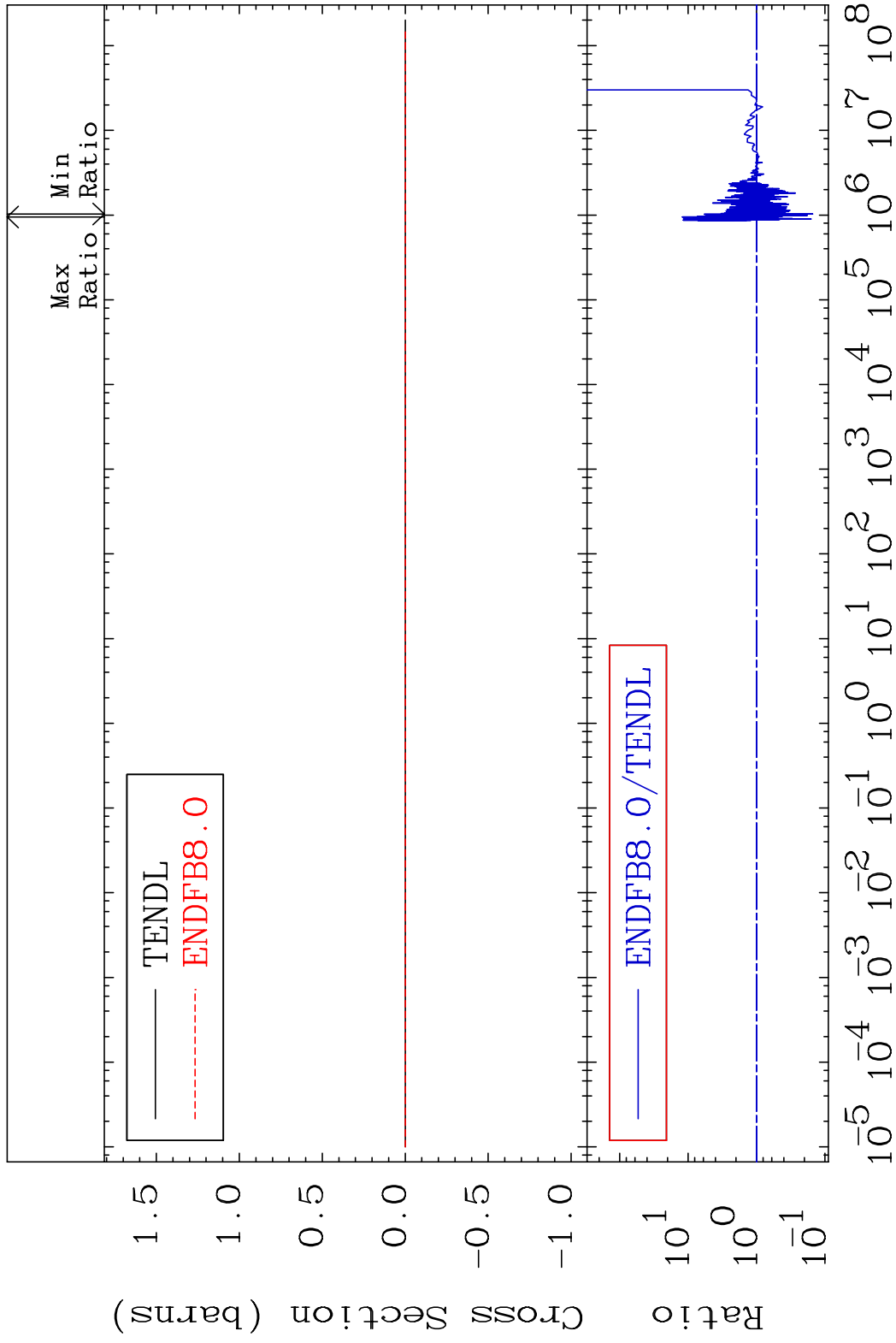


38 Incident Energy (eV) 26-Fe-56

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

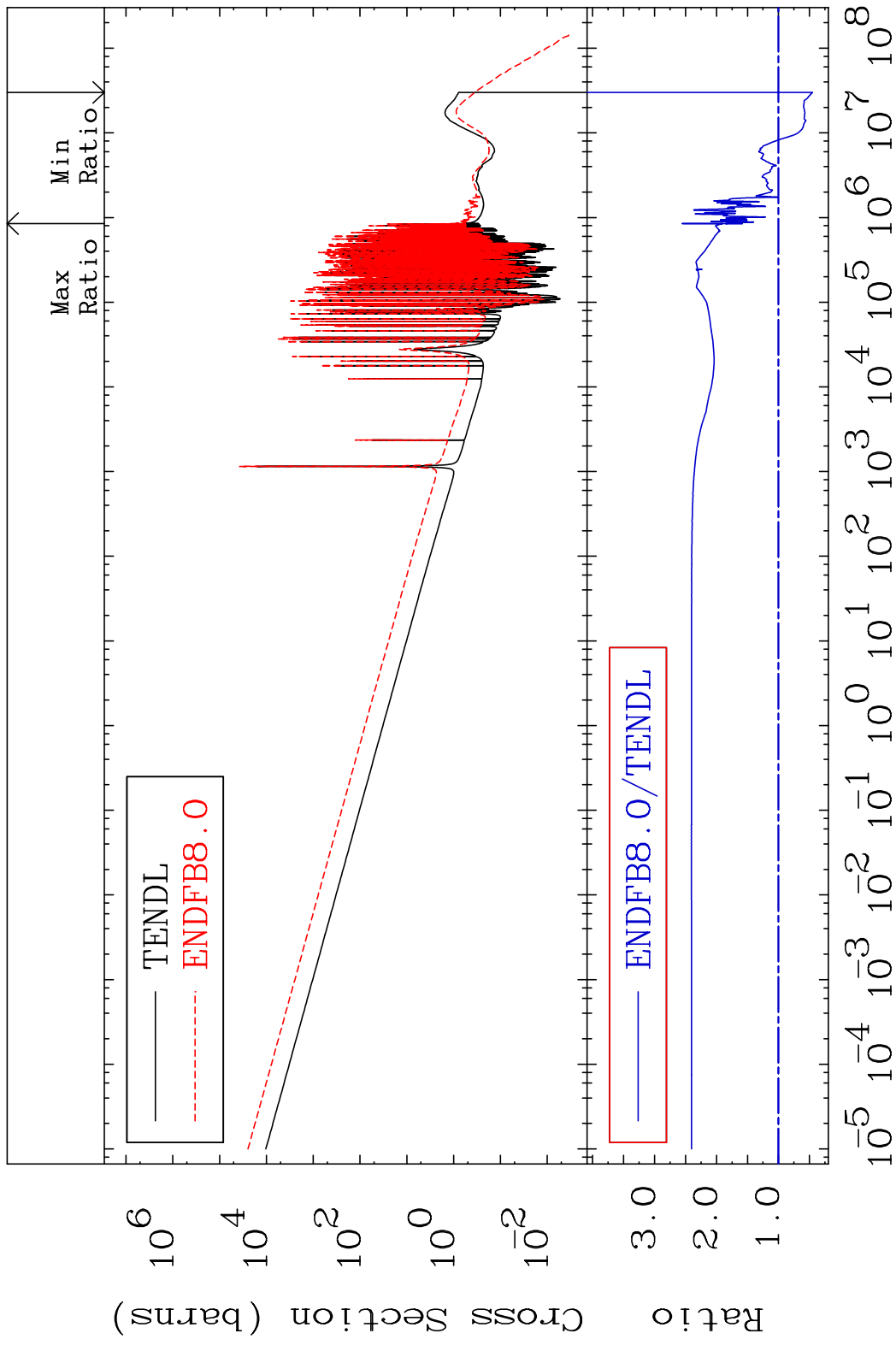


MAT 2631 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-56
 Cross Section -84.83 To 1115. %



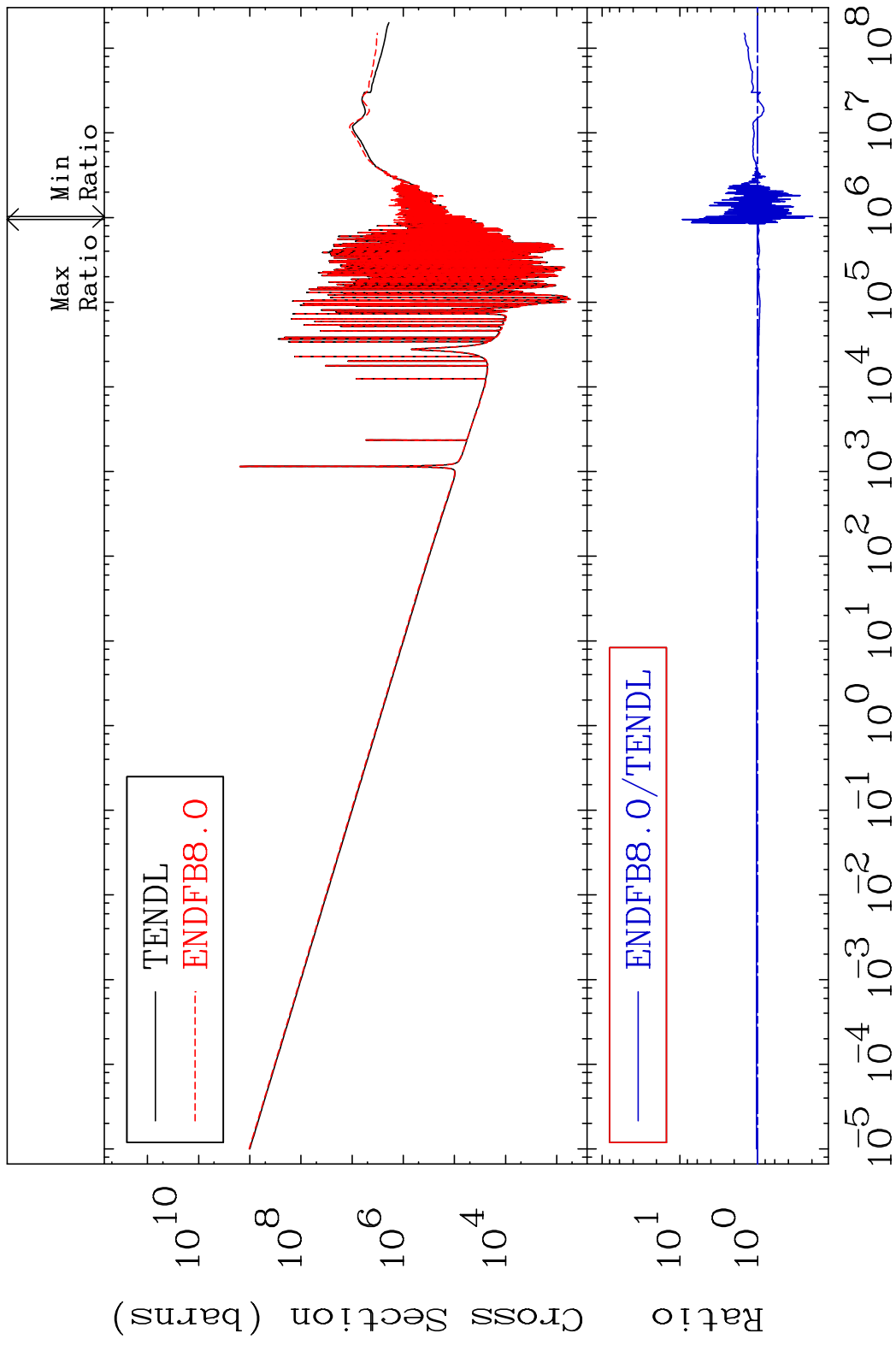
40 Incident Energy (eV) 26-Fe-56

MAT 2631 Kerma capture (mt102) 26-Fe-56
 Cross Section -54.99 To 155.1 %



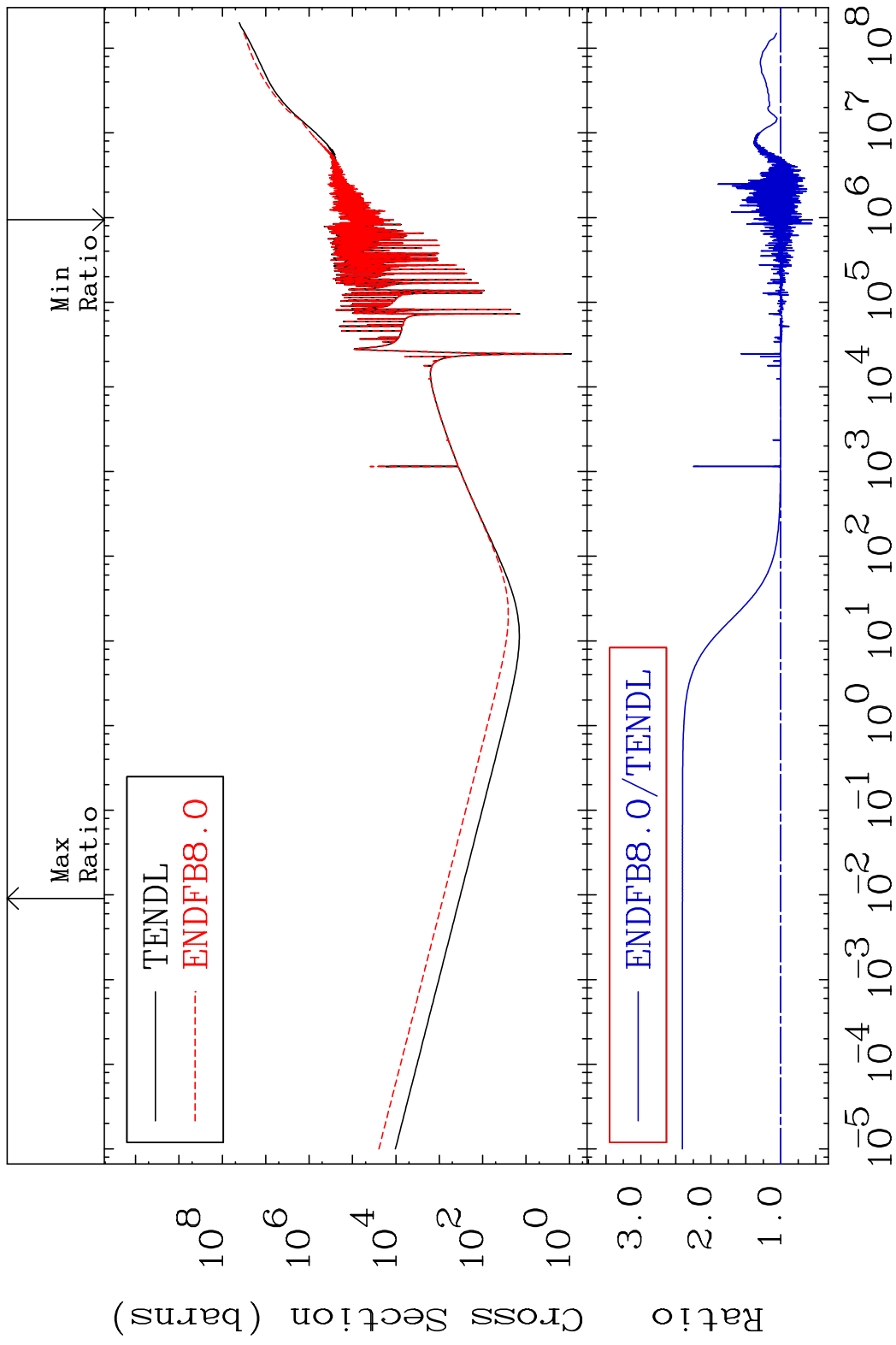
41 Incident Energy (eV) 26-Fe-56

MAT 2631 Total photon (eV-barns) 26-Fe-56
Cross Section -80.41 To 829.5 %

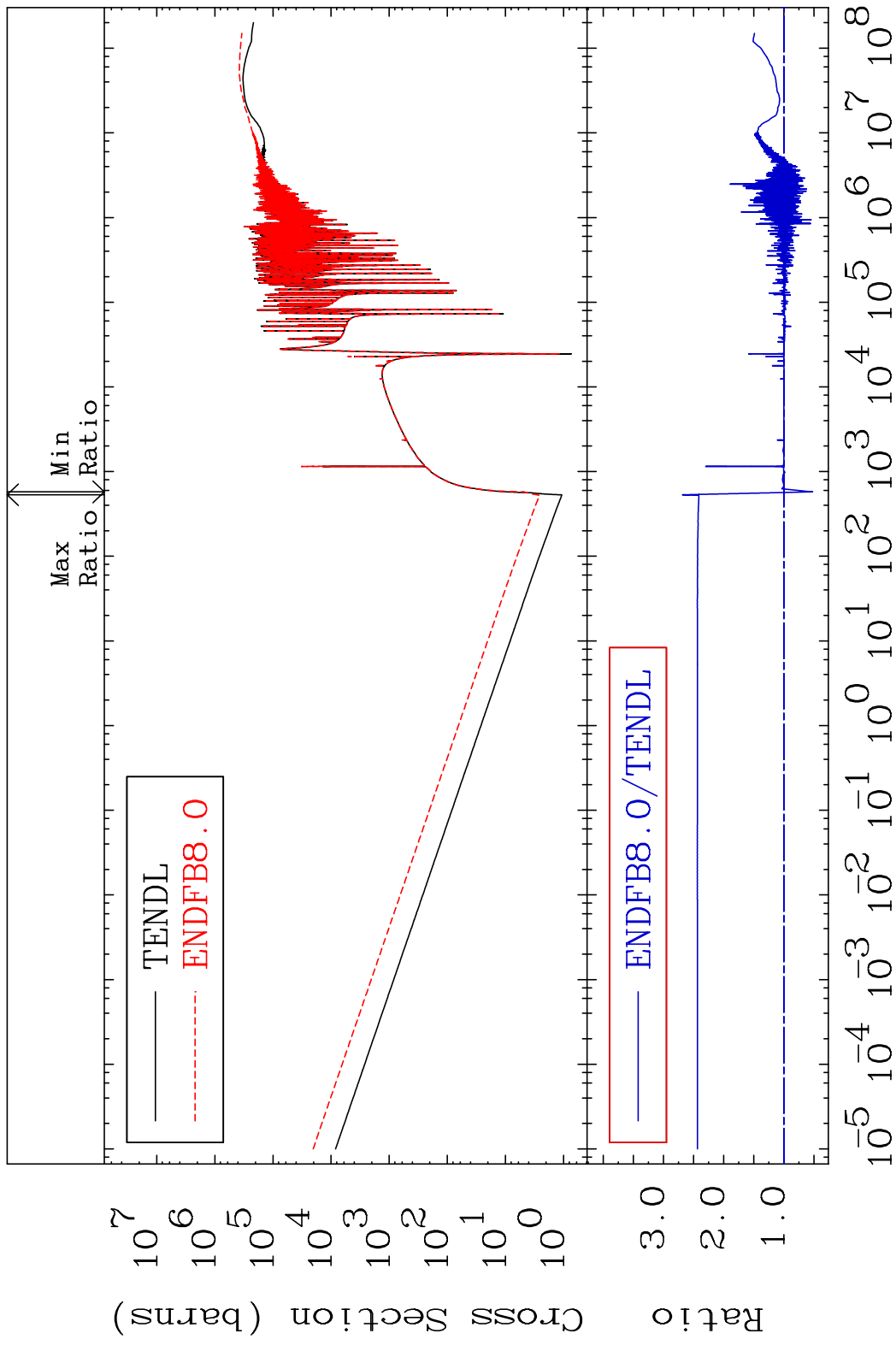


42 Incident Energy (eV) 26-Fe-56

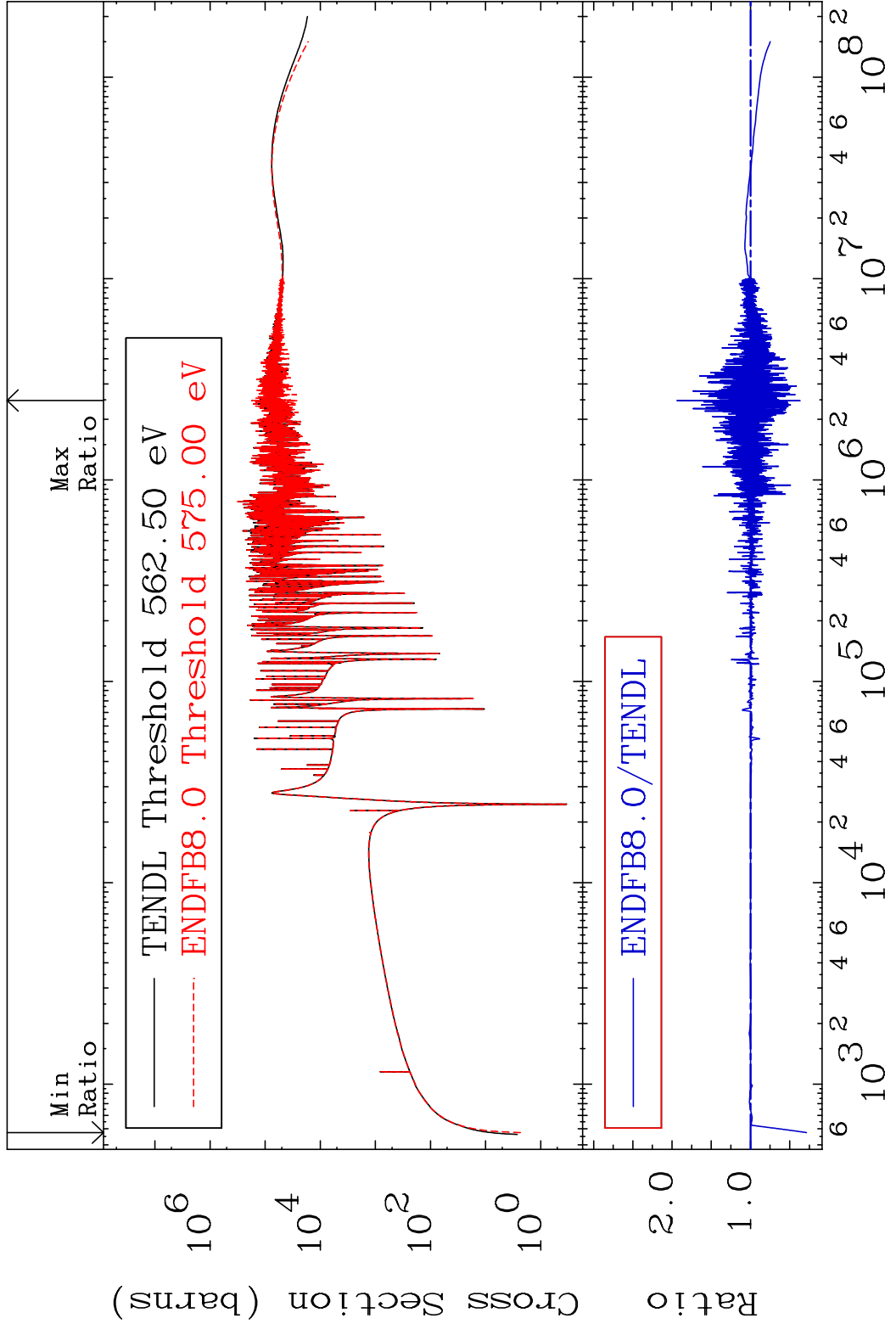
MAT 2631 Total kinematic kerma (high limit) 26-Fe-56
Cross Section -45.48 To 140.7 %



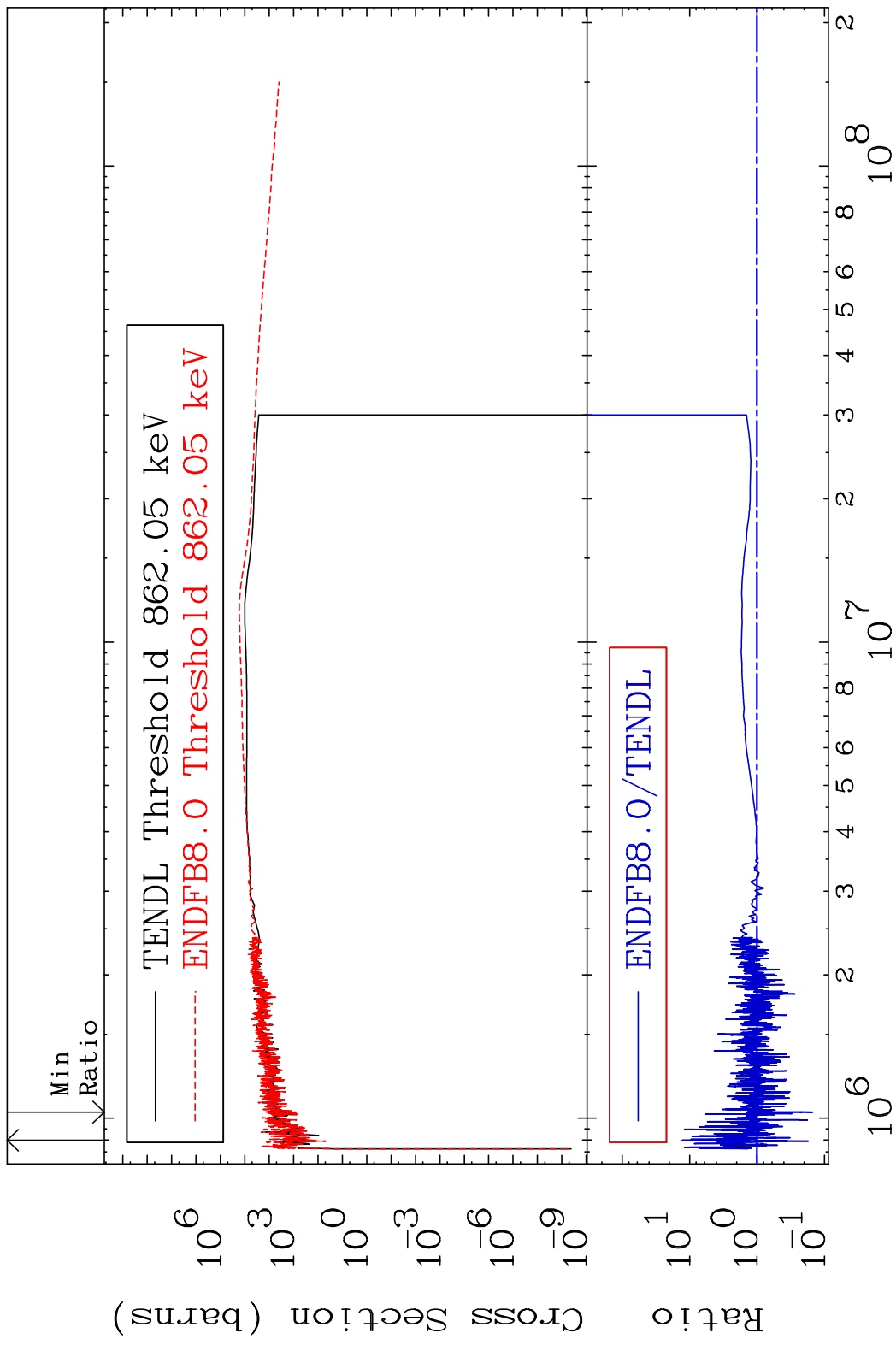
MAT 2631 Dpa total (eV-barns) ²⁶Fe-56
 Cross Section -47.54 To 168.7 %



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. %



46 Incident Energy (eV) 26-Fe-56

MAT 2631 Dpa disappearance (mt102 -120) 26-Fe-56
 Cross Section -62.35 To 191.9 %

