

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

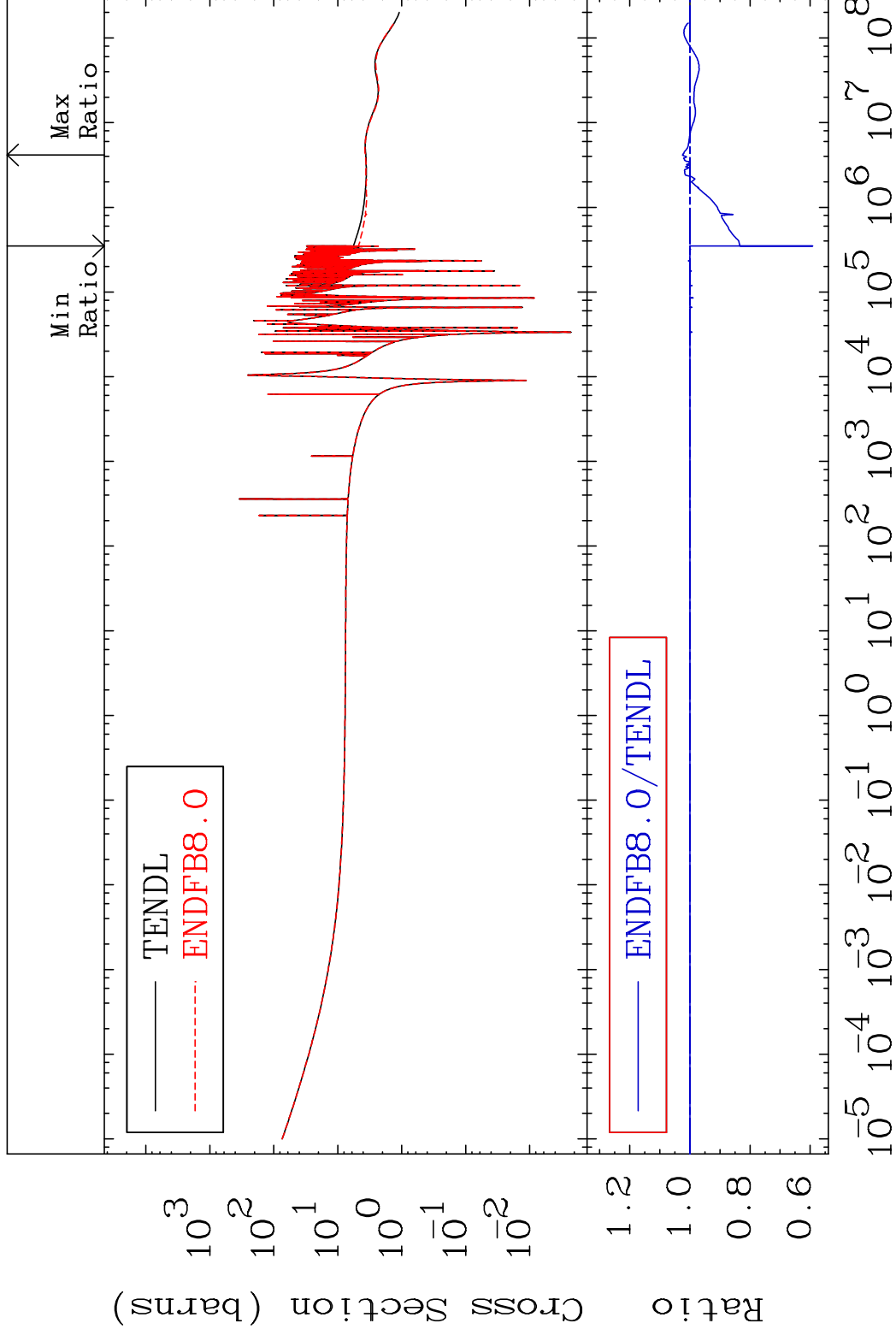
MAT 2637

Total

26-Fe-58

Cross Section

-40.79 To 2.498 %



1

Incident Energy (eV)

26-Fe-58

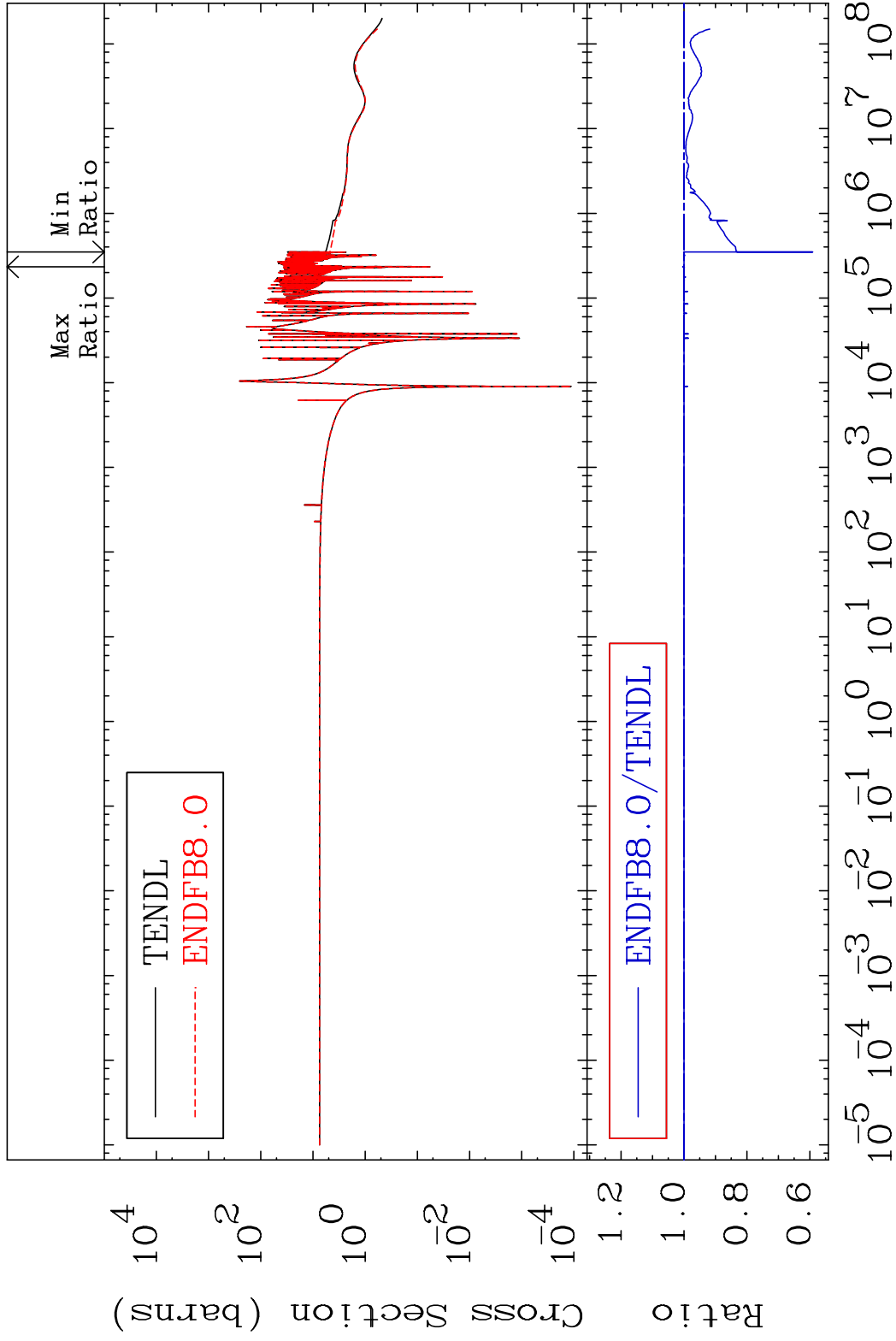
MAT 2637

Elastic

²⁶Fe-58

Cross Section

-40.88 To 0.514 %



2

Incident Energy (eV)

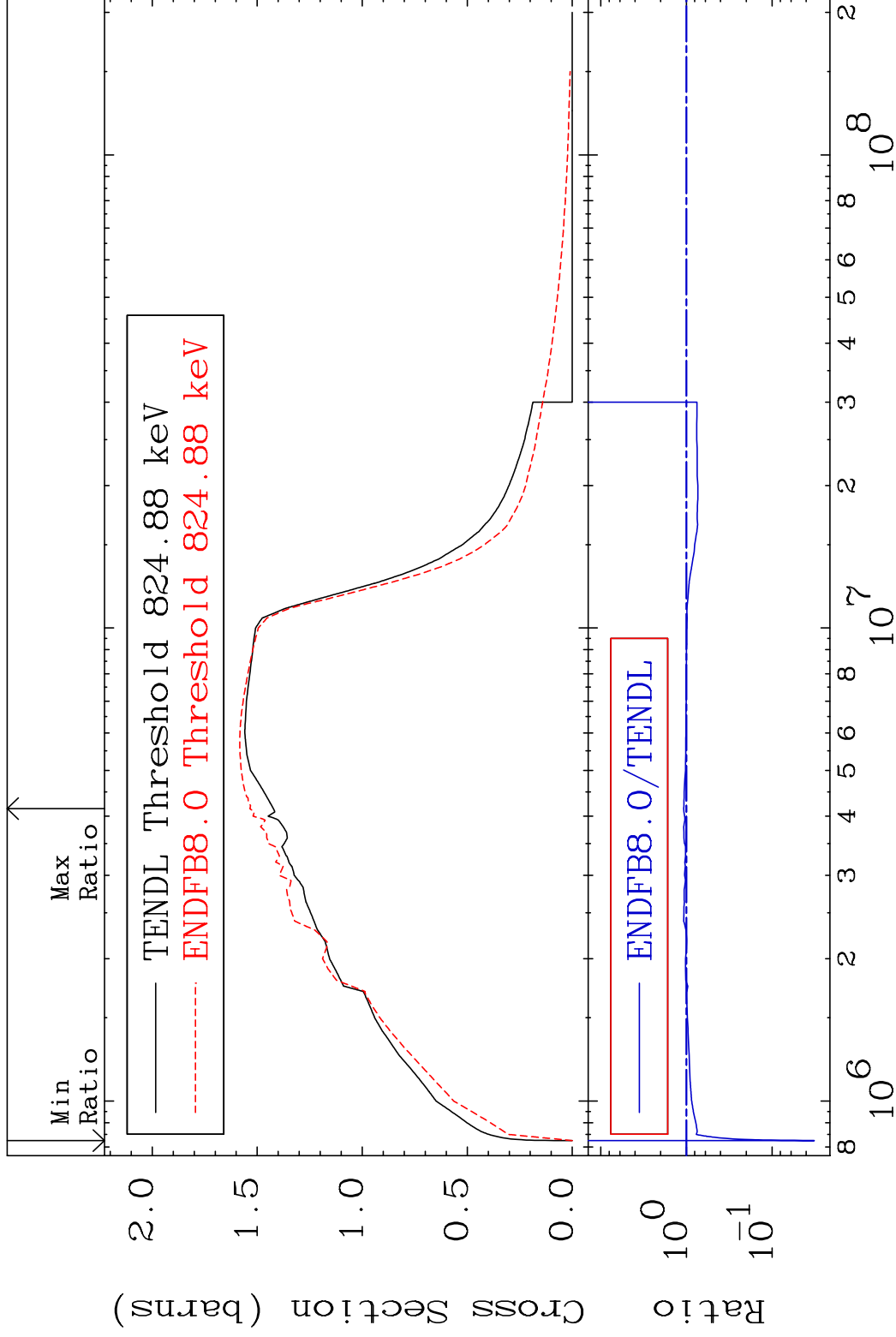
²⁶Fe-58

MAT 2637

Inelastic

²⁶Fe-58

Cross Section -96.77 To 7.848 %



3

Incident Energy (eV)

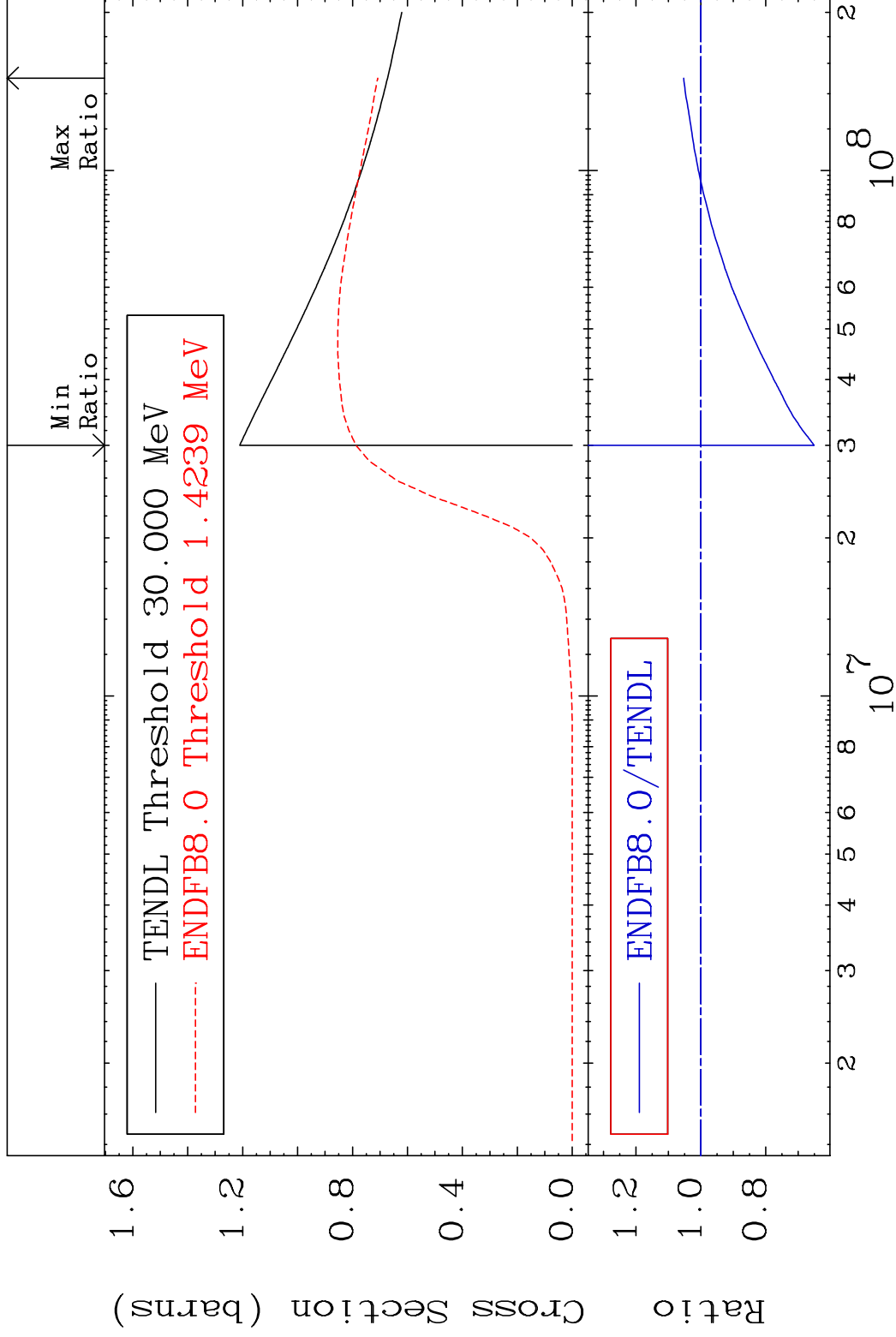
²⁶Fe-58

MAT 2637

(n, remainder)

26-Fe-58

Cross Section -34.92 To 5.300 %



4

Incident Energy (eV)

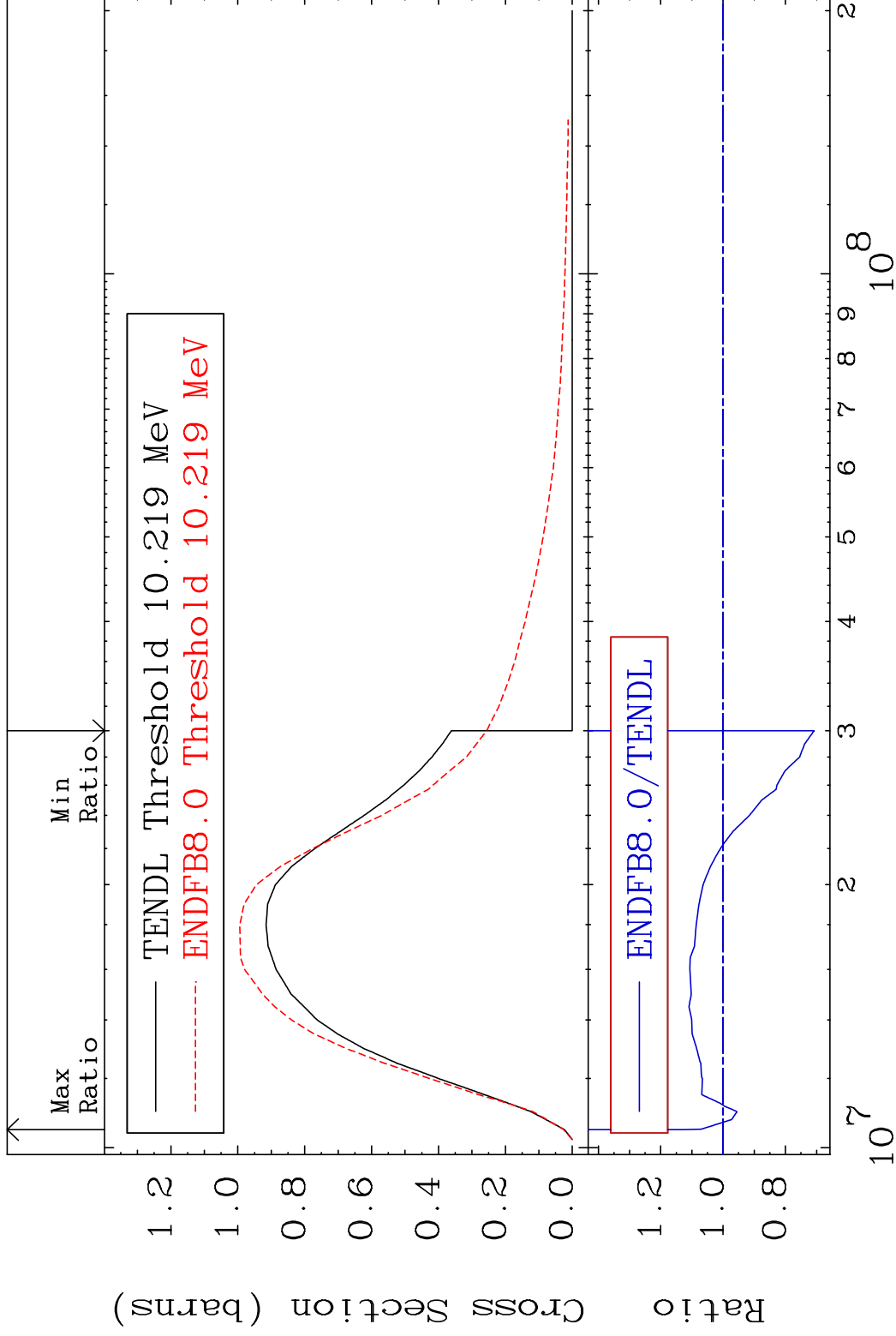
26-Fe-58

MAT 2637

(n,2n)

²⁶Fe-58

Cross Section -29.21 To 12.64 %

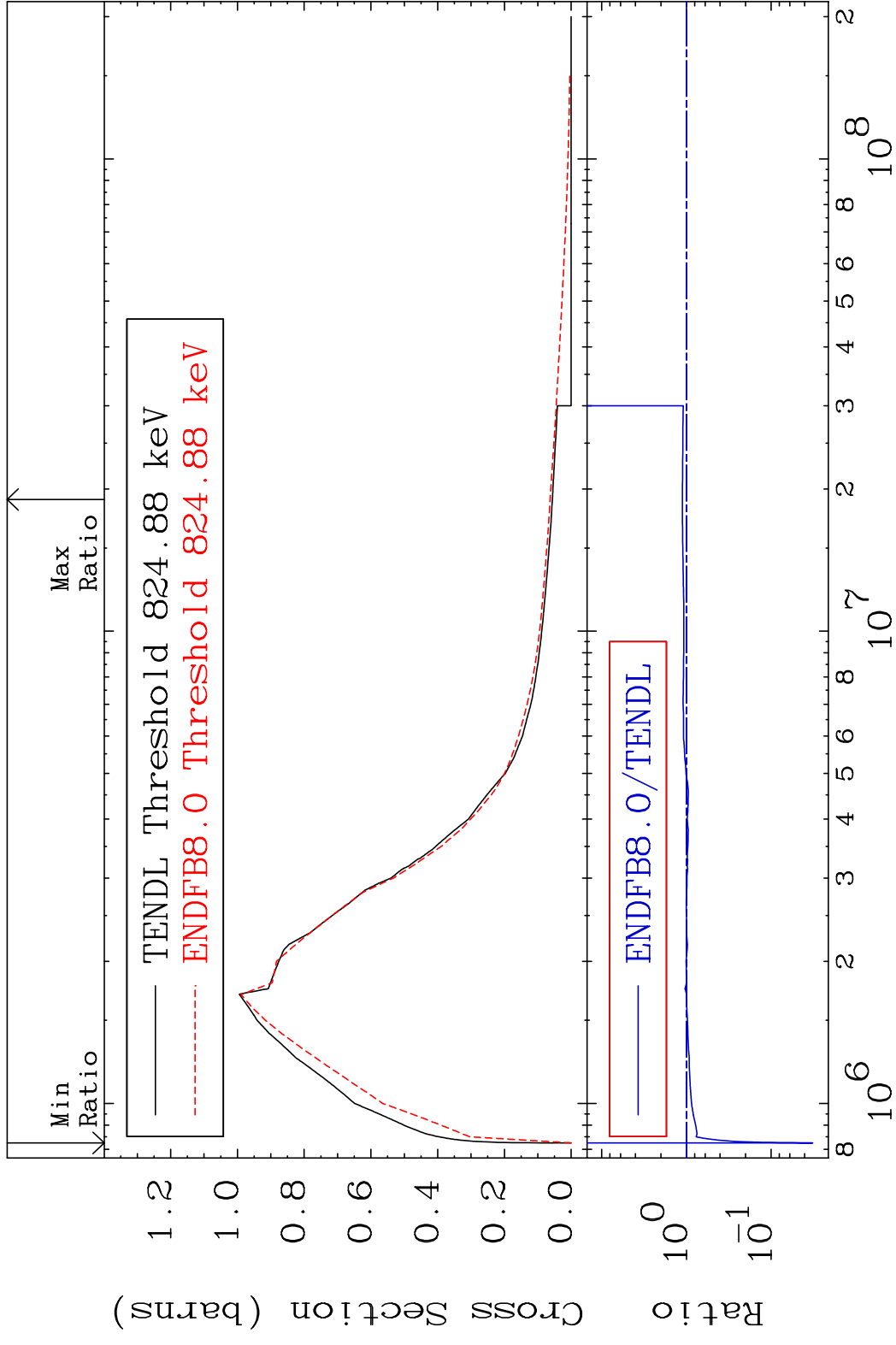


5

Incident Energy (eV)

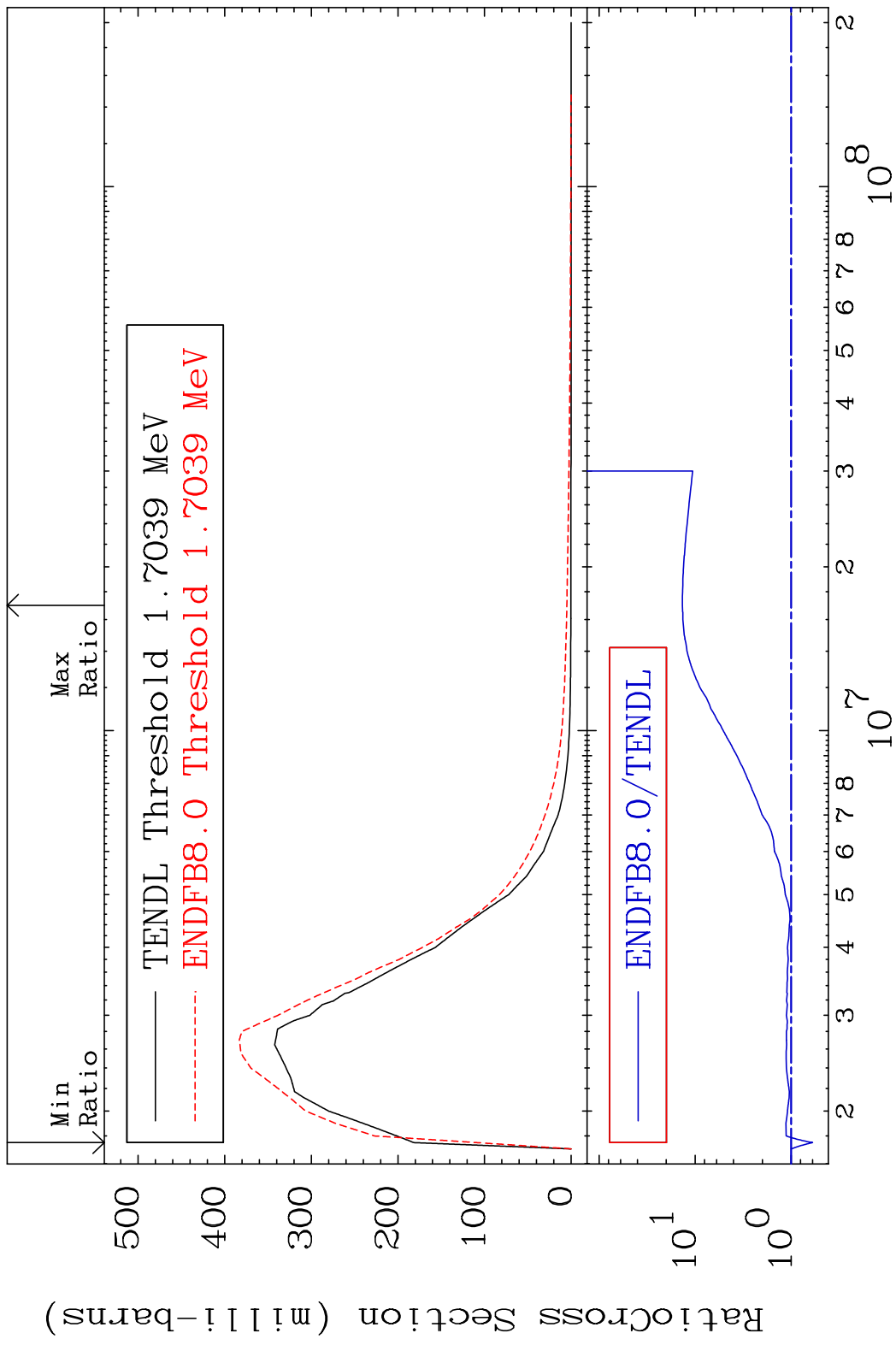
²⁶Fe-58

MAT 2637 MT= 51 (n, n') Level 26-Fe-58
 Cross Section -96.77 To 11.61 %

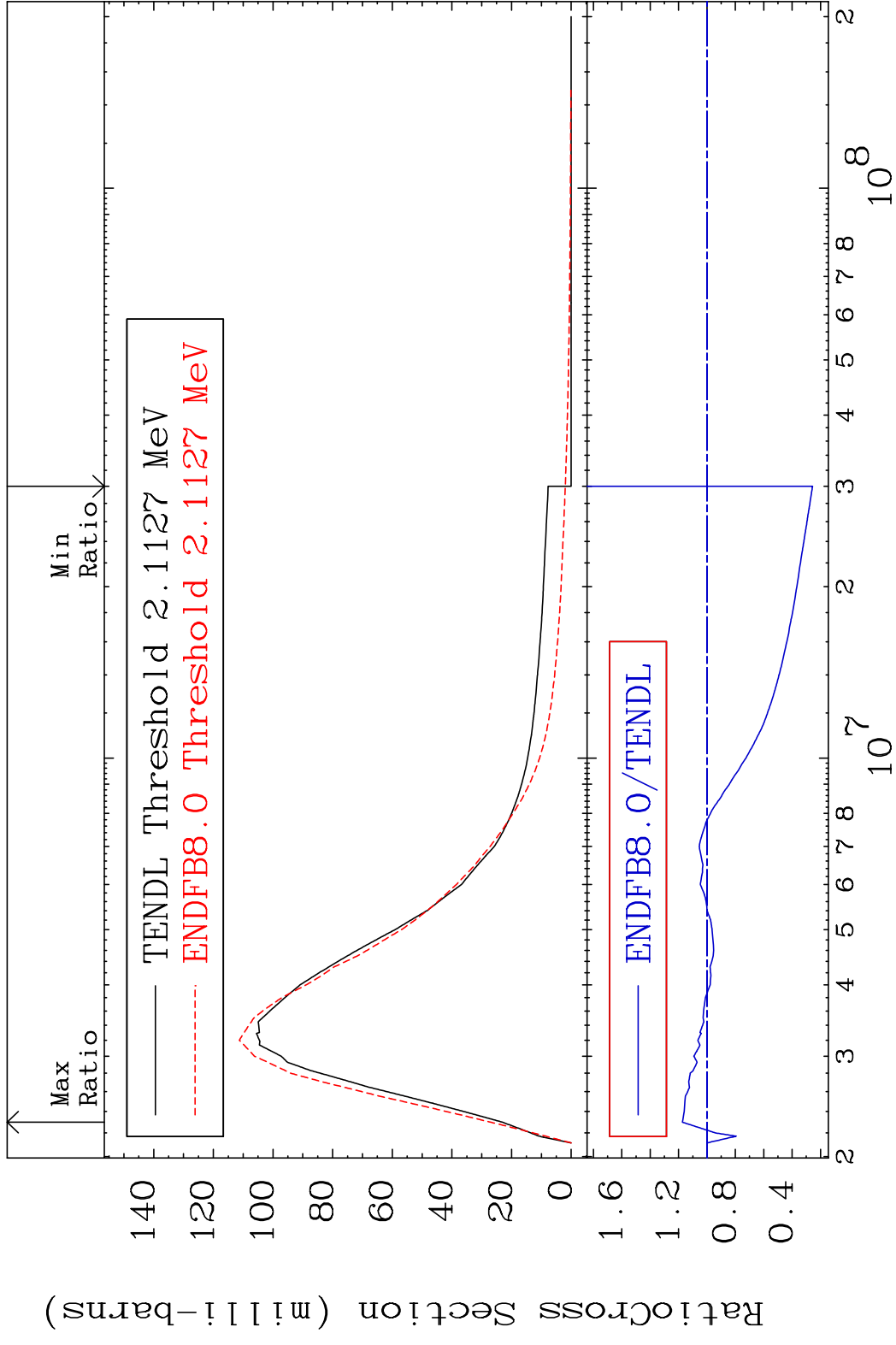


6 Incident Energy (eV) 26-Fe-58

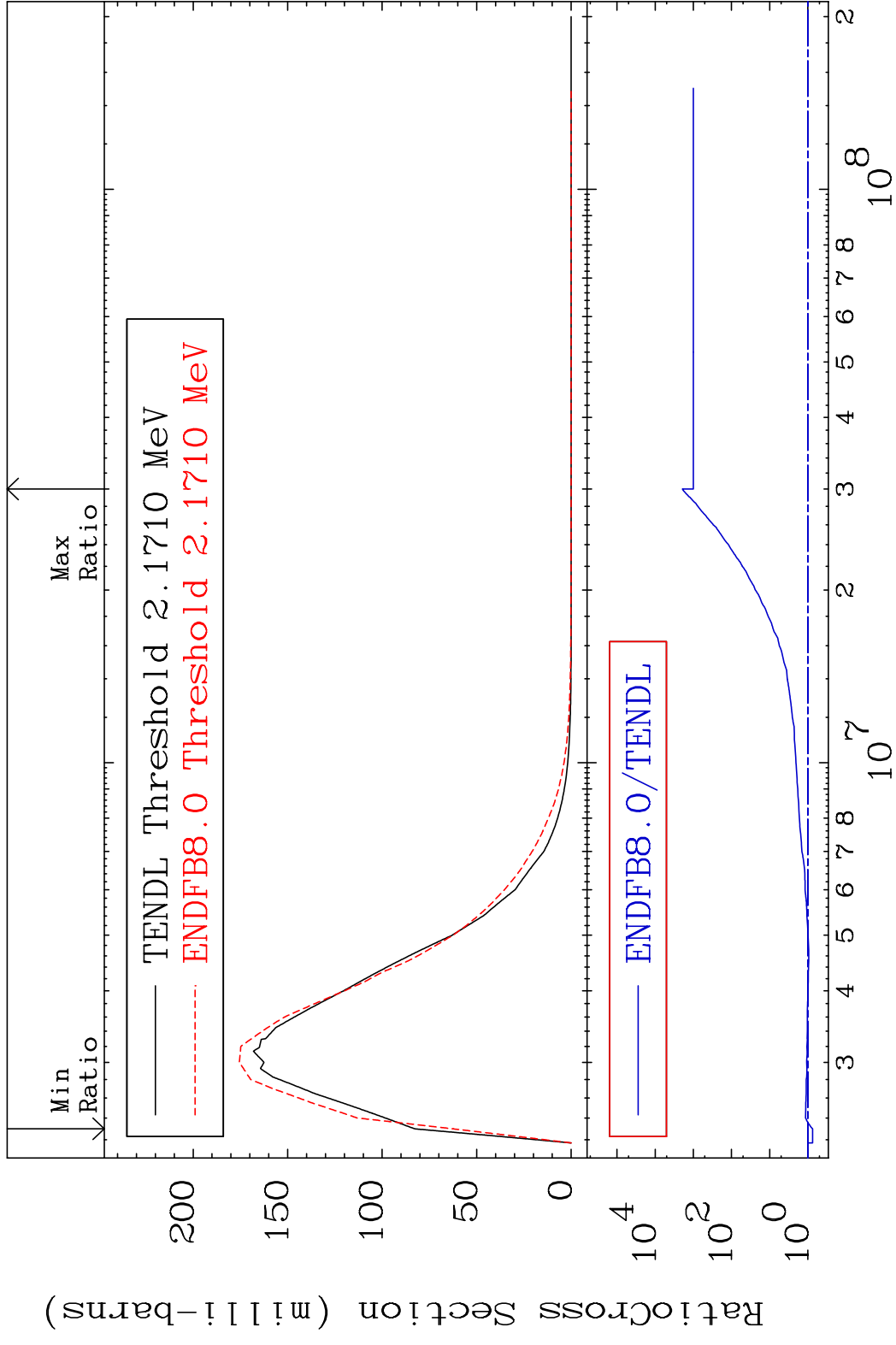
MAT 2637 MT= 52 (n, n') Level 26-Fe-58
 Cross Section -40.04 To 1261. %



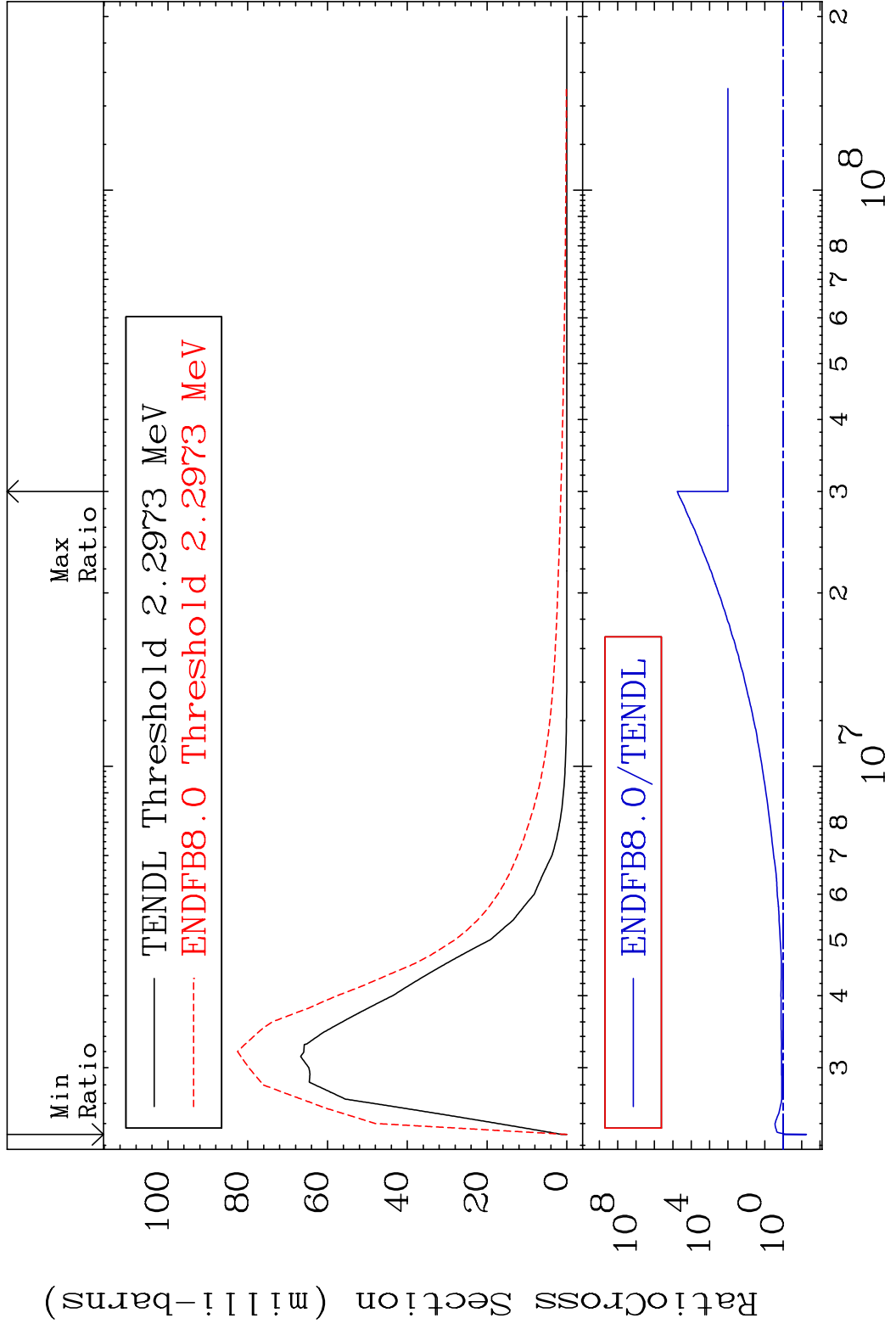
MAT 2637 MT= 53 (n, n') Level 26-Fe-58
 Cross Section -74.40 To 17.35 %



MAT 2637 MT= 54 (n, n') Level 26-Fe-58
 Cross Section -24.55 To 9999. %

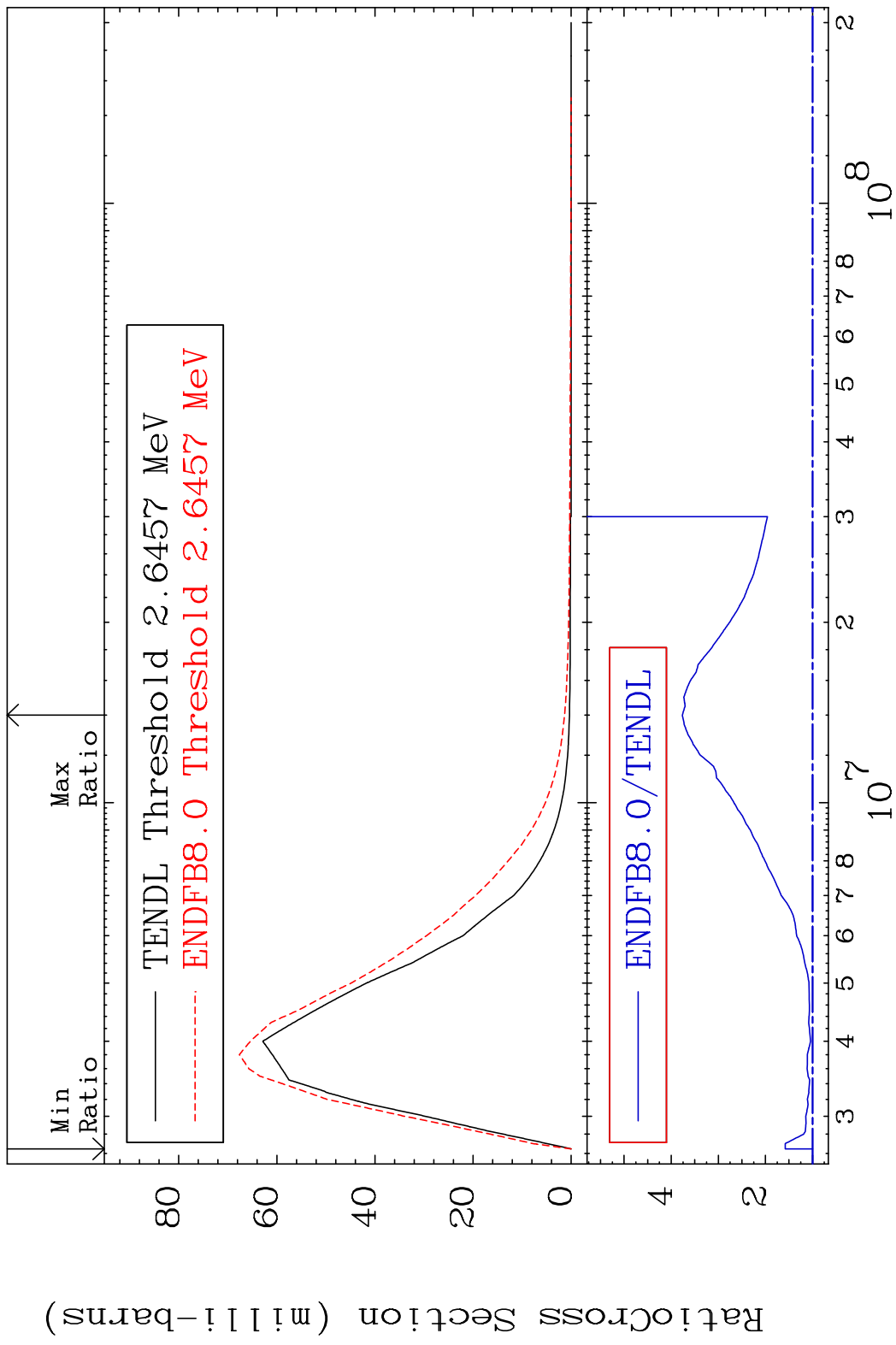


MAT 2637 MT= 55 (n, n') Level 26-Fe-58
 Cross Section -94.53 To 9999. %

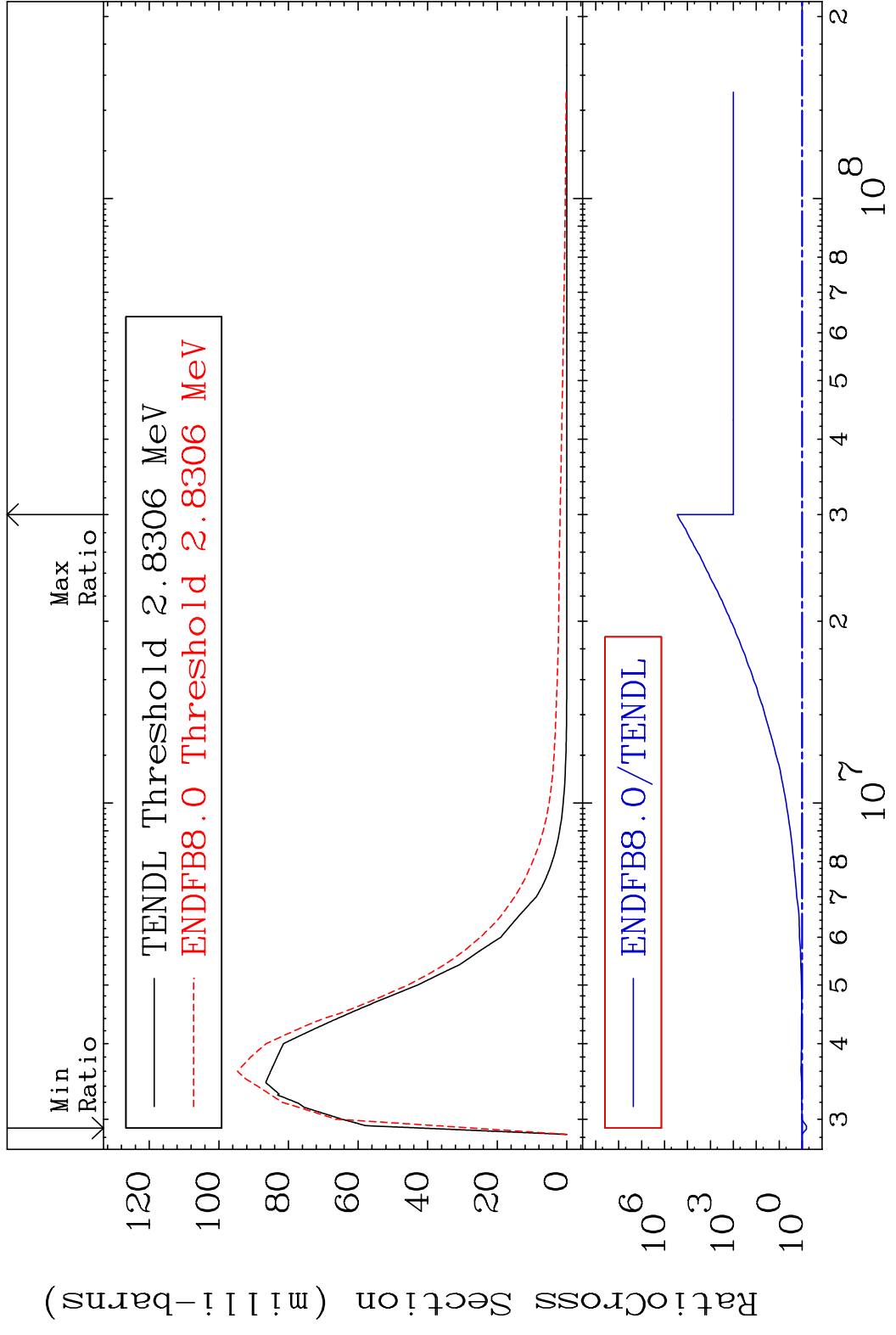


10 10 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 56 (n,n') Level 26-Fe-58
 Cross Section 0.000 To 276.3 %

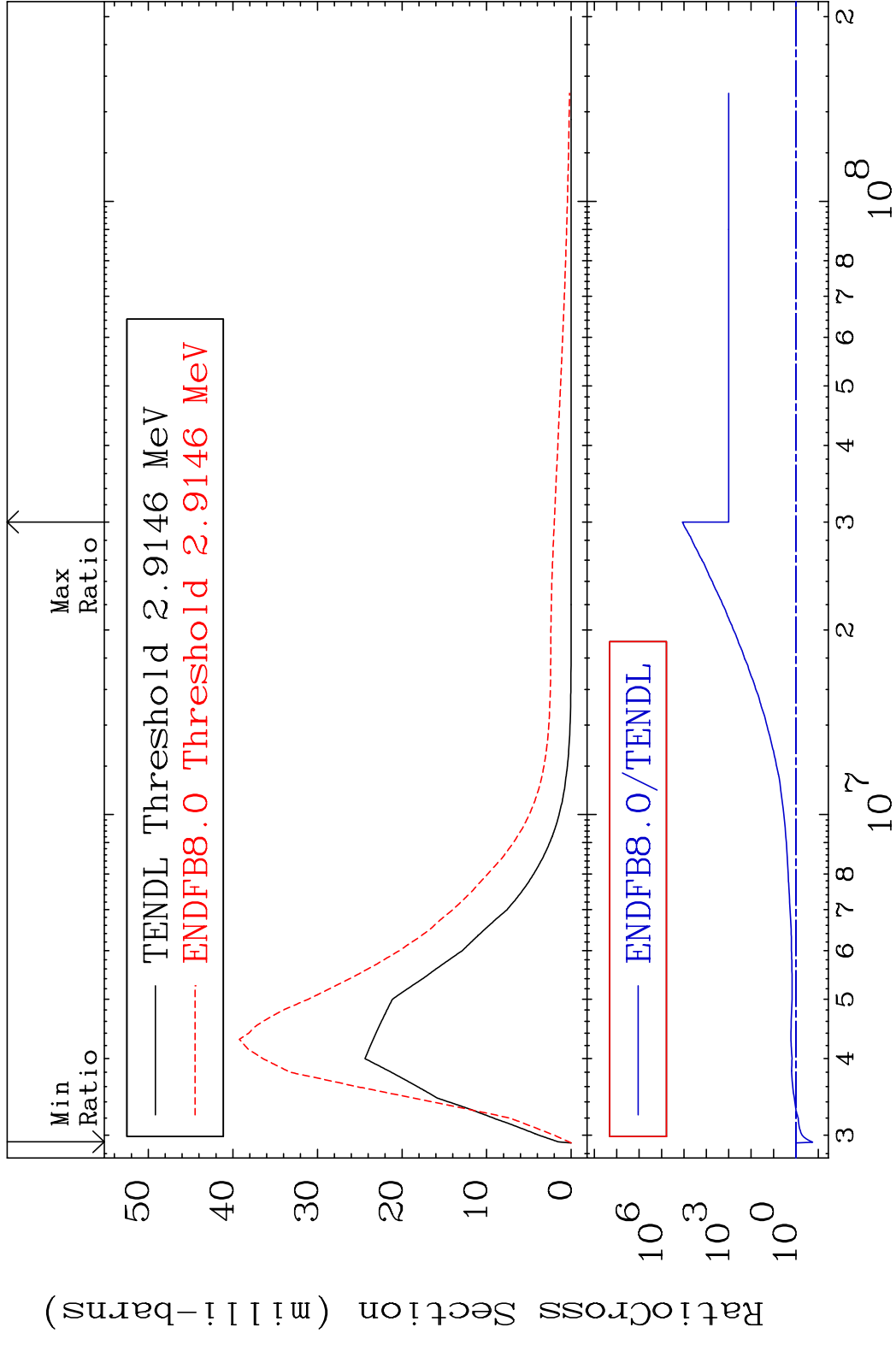


MAT 2637 MT= 57 (n, n') Level 26-Fe-58
 Cross Section -35.02 To 9999. %

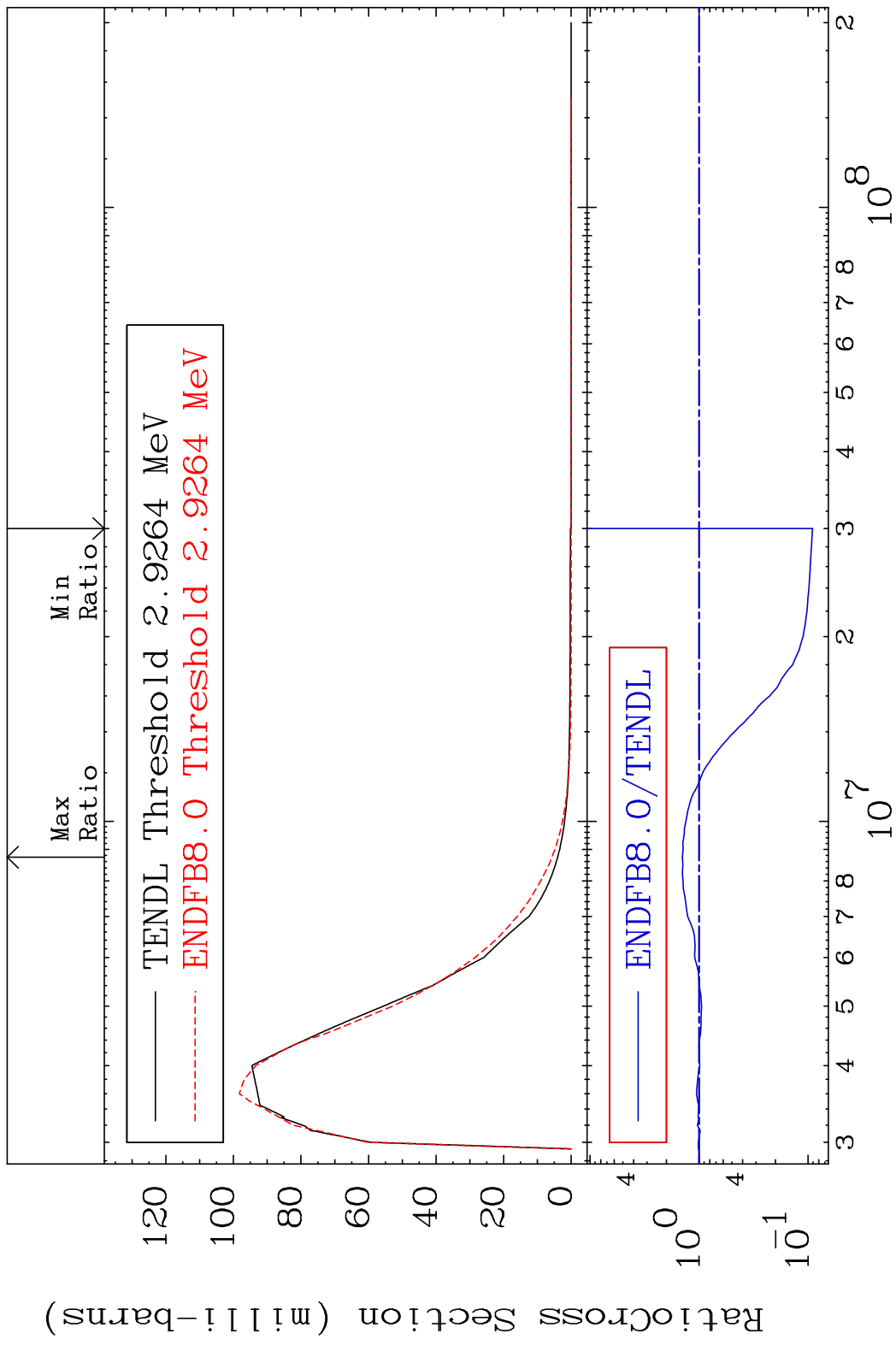


12 26-Fe-58

MAT 2637 MT= 58 (n, n') Level 26-Fe-58
 Cross Section -81.94 To 9999. %

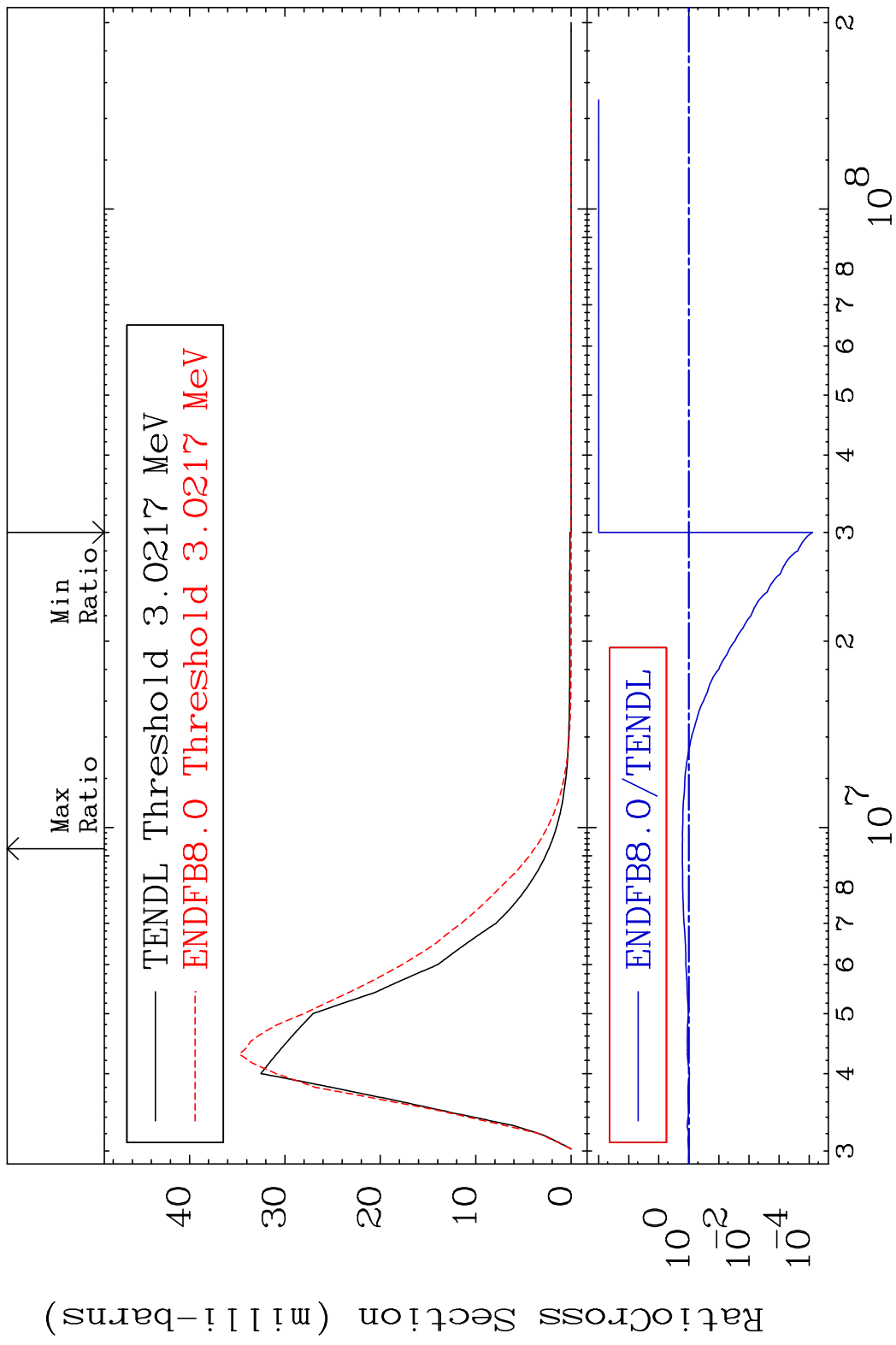


MAT 2637 MT= 59 (n, n') Level 26-Fe-58
 Cross Section -90.89 To 42.55 %



14 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 60 (n, n') Level 26-Fe-58
 Cross Section -99.99 To 64.35 %



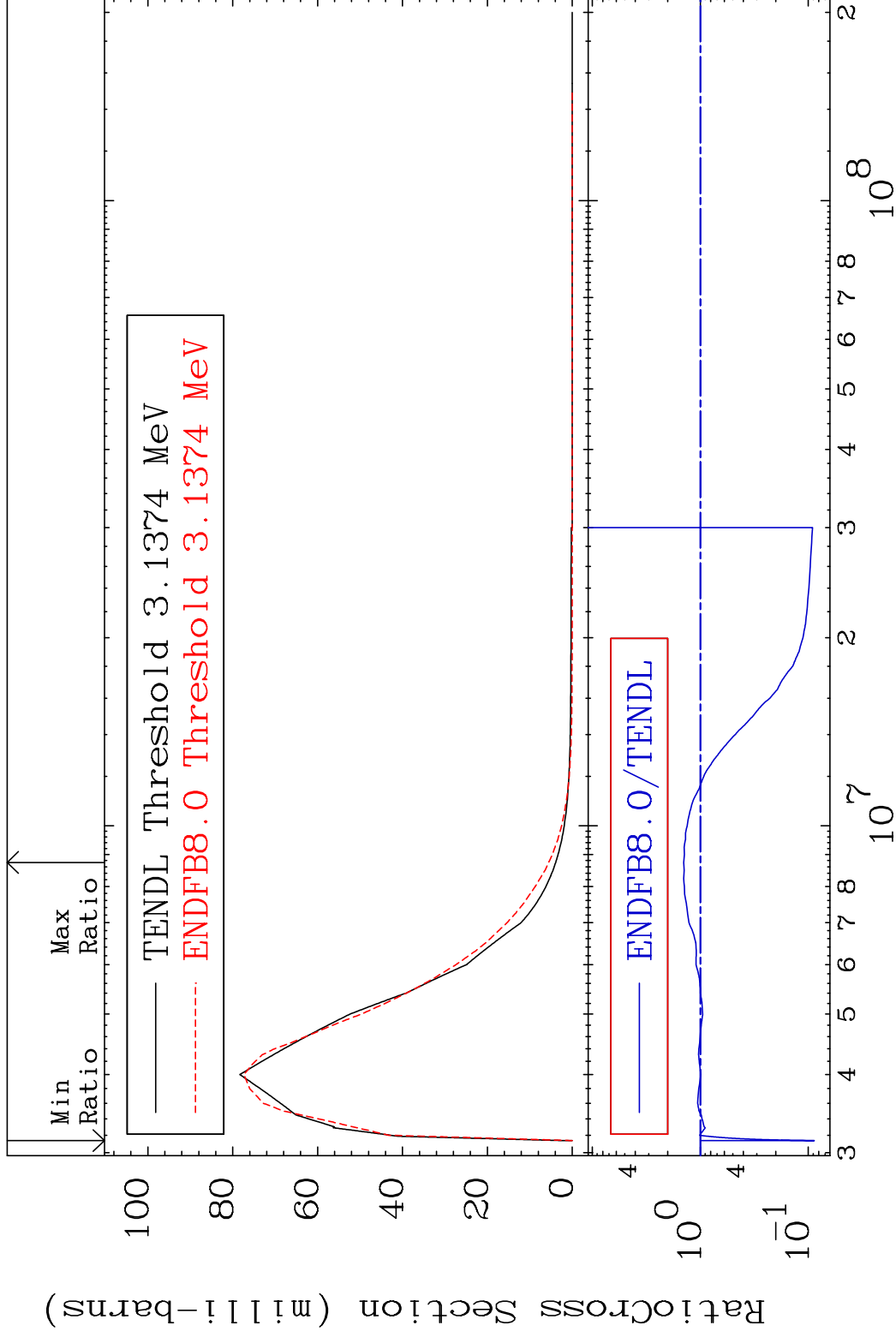
15 Incident Energy (eV) 26-Fe-58

MAT 2637

MT= 61 (n,n') Level

26-Fe-58

Cross Section -91.16 To 42.55 %

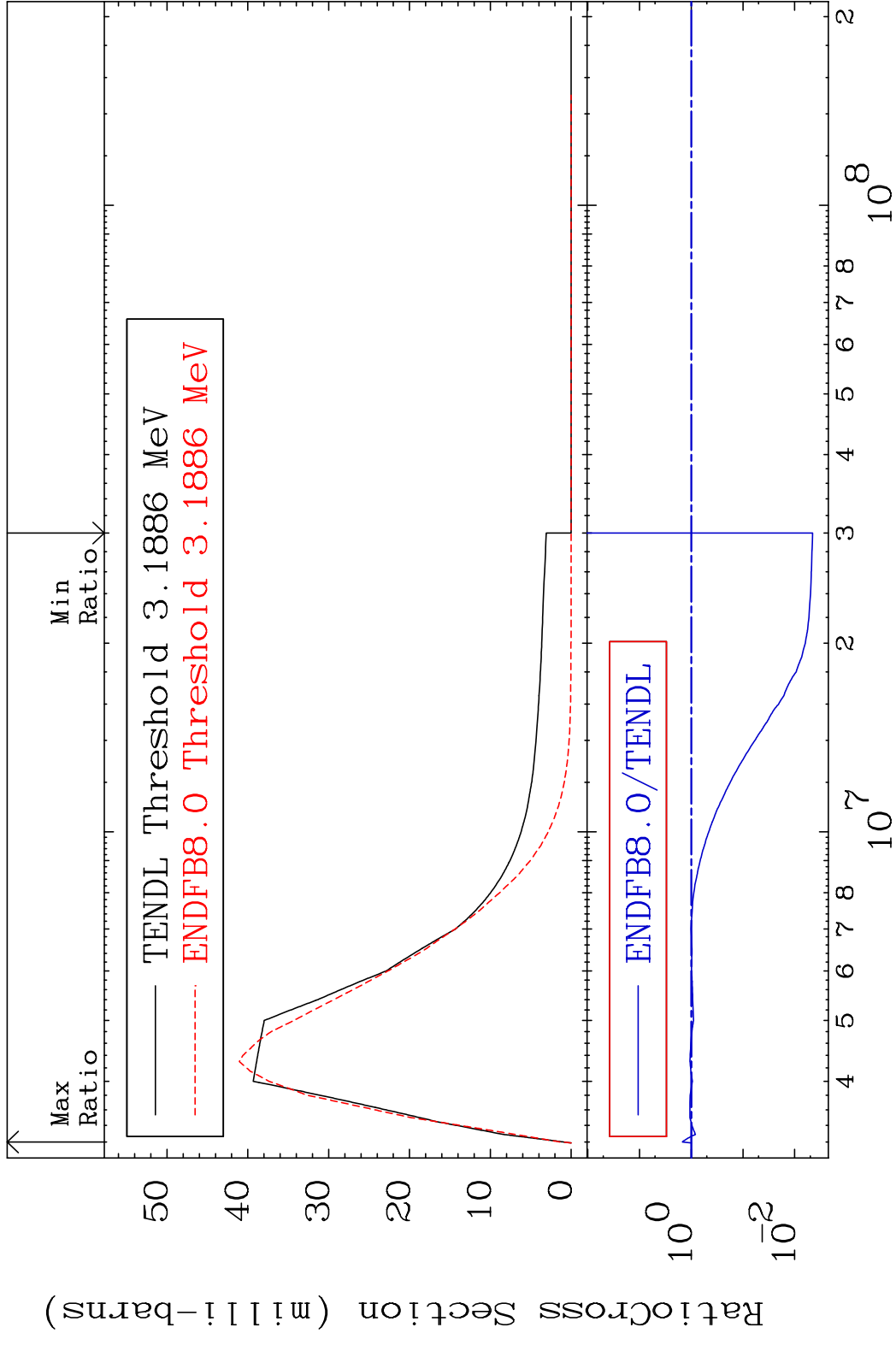


16

Incident Energy (eV)

26-Fe-58

MAT 2637 MT= 62 (n, n') Level 26-Fe-58
 Cross Section -99.55 To 48.28 %

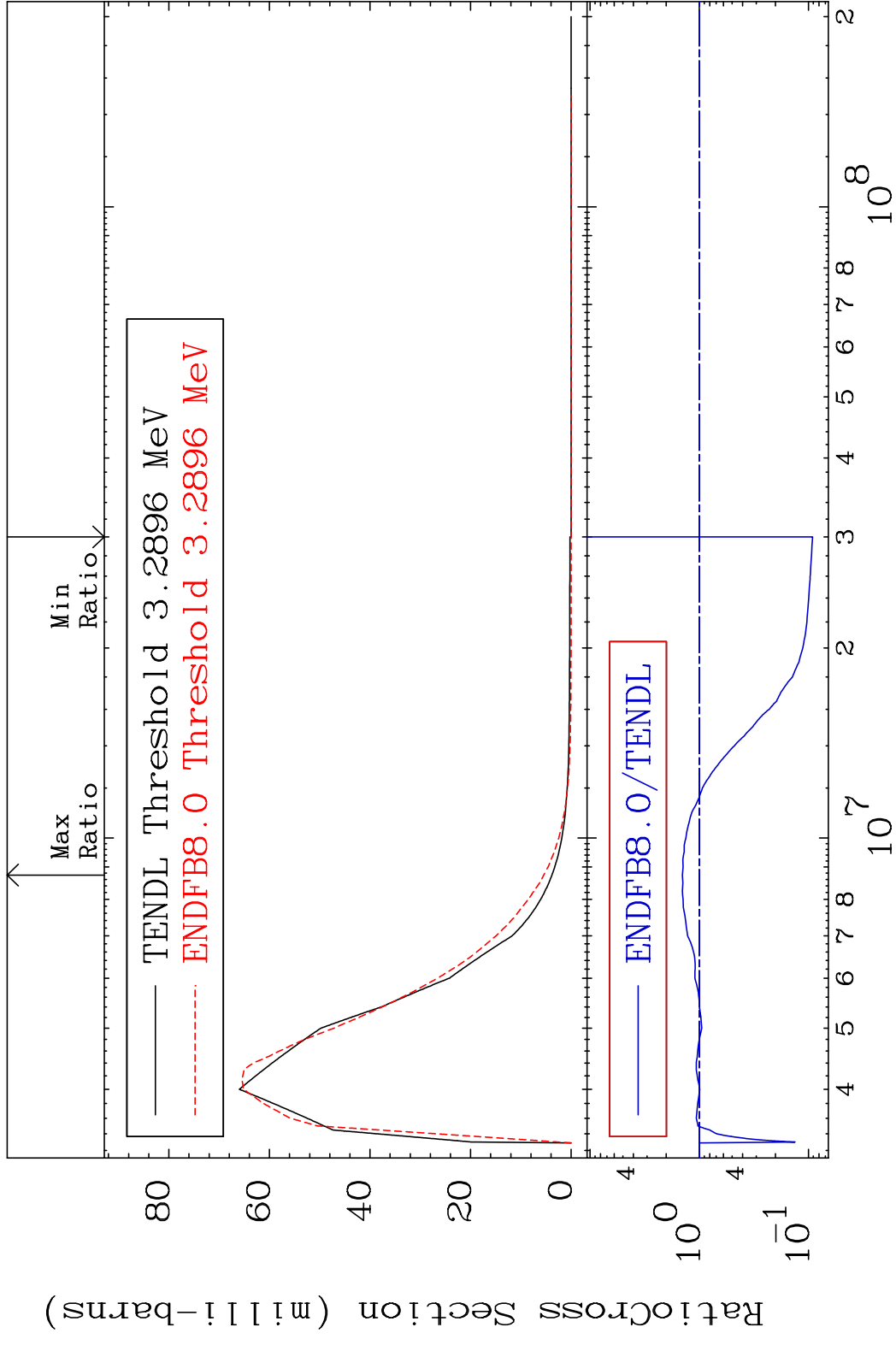


MAT 2637

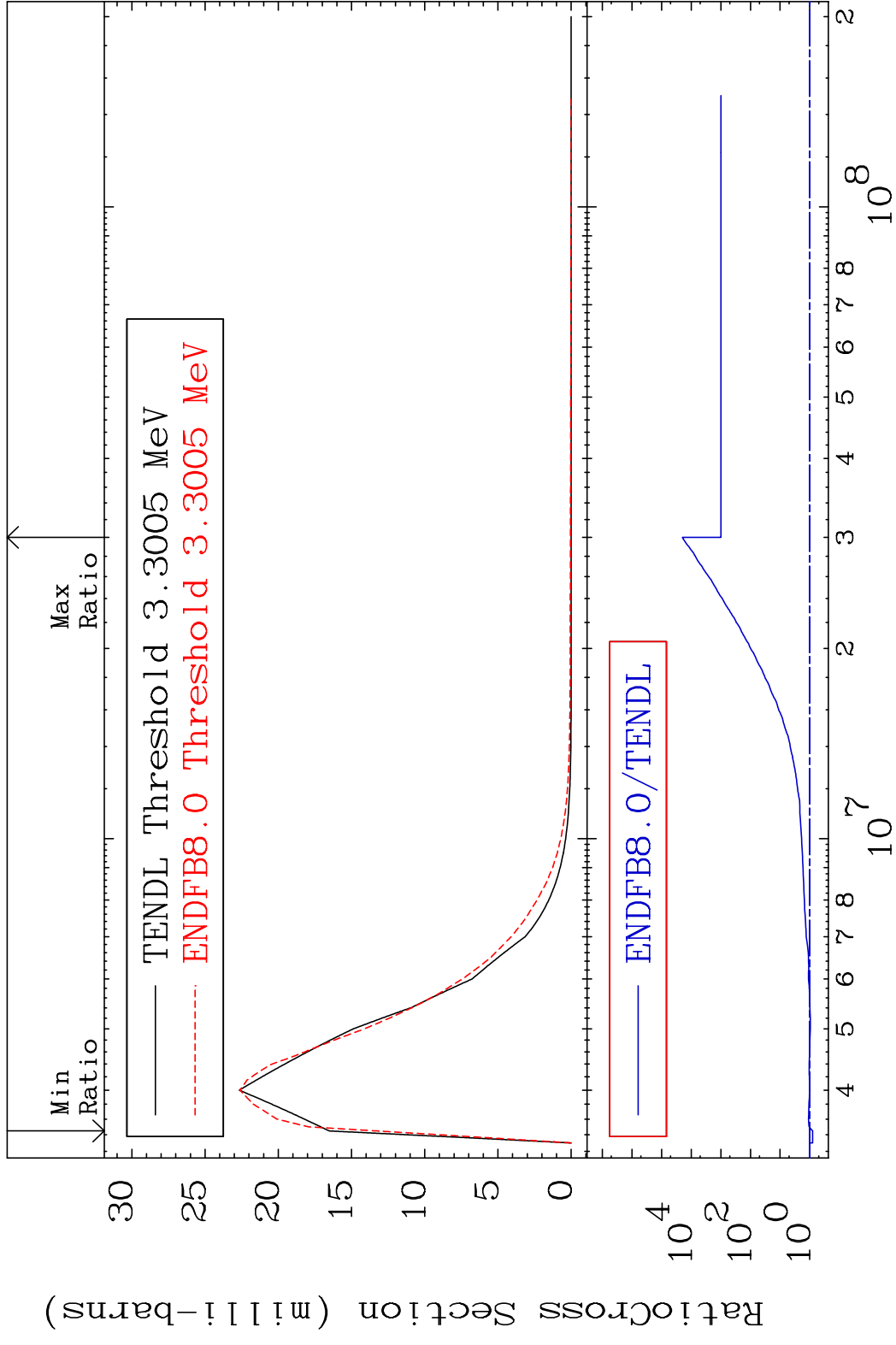
MT= 63 (n, n') Level

²⁶Fe-58

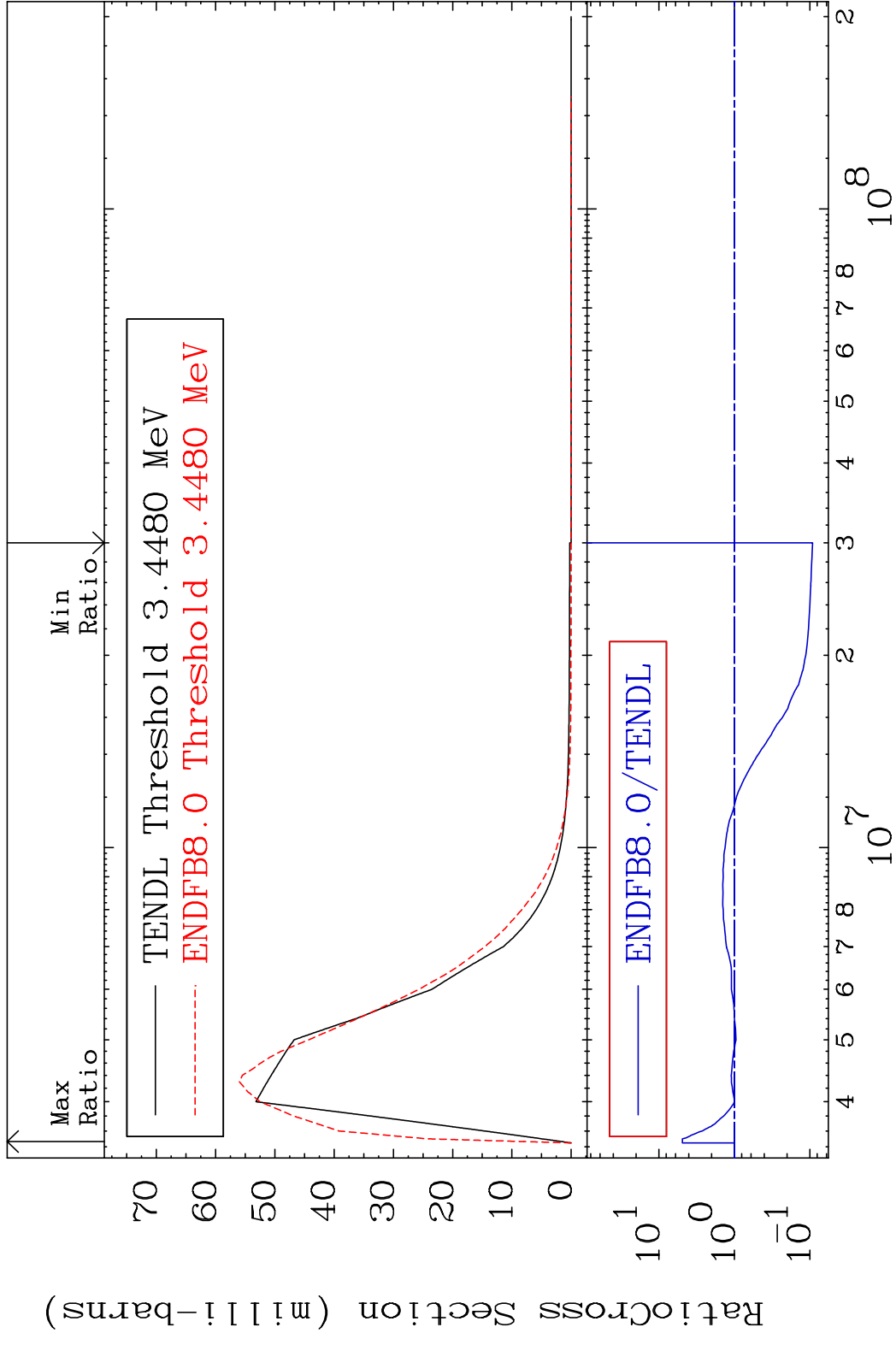
Cross Section -90.84 To 42.57 %



MAT 2637 MT= 64 (n, n') Level 26-Fe-58
 Cross Section -19.69 To 9999. %

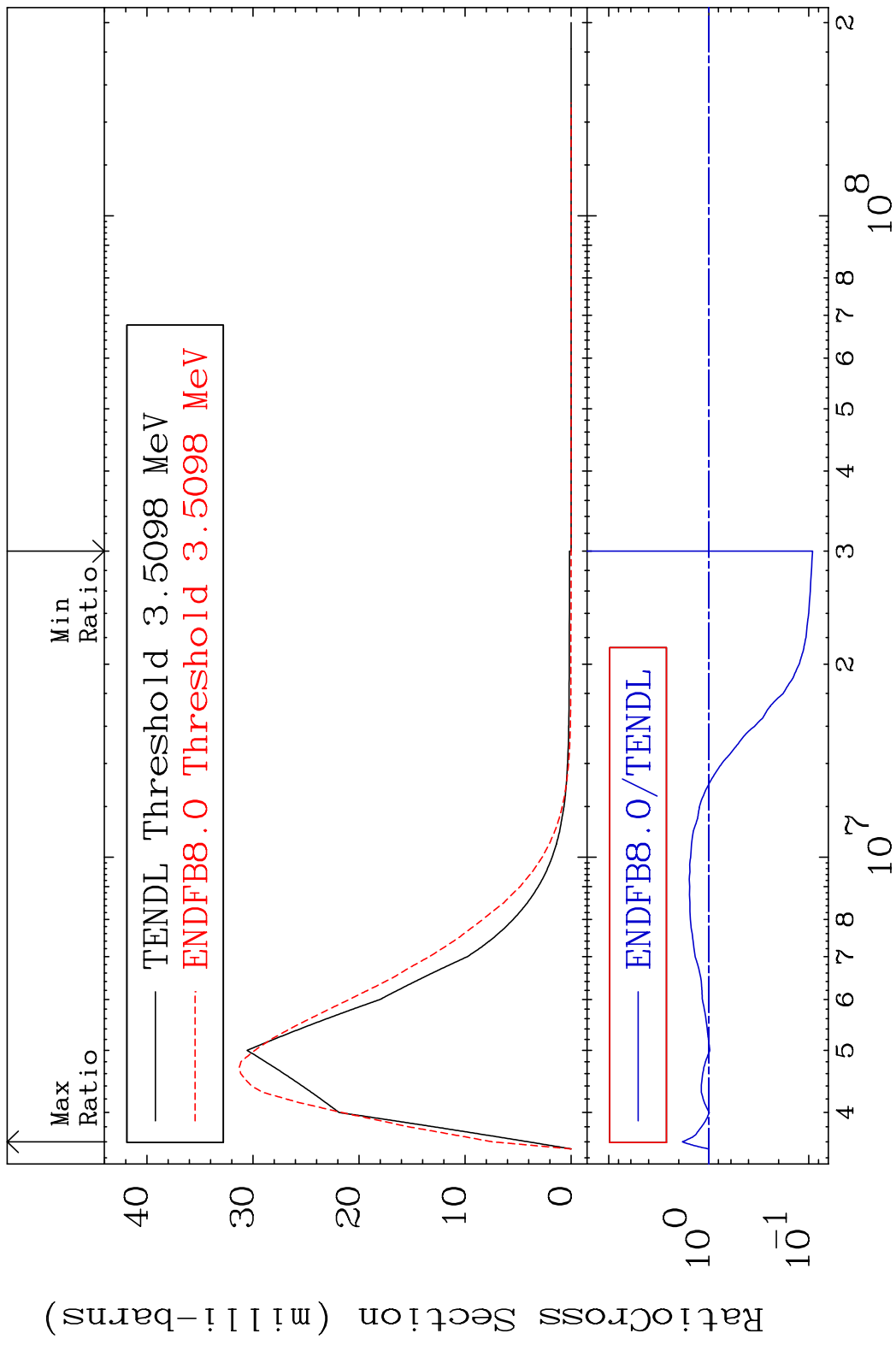


MAT 2637 MT= 65 (n,n') Level 26-Fe-58
 Cross Section -90.82 To 387.3 %

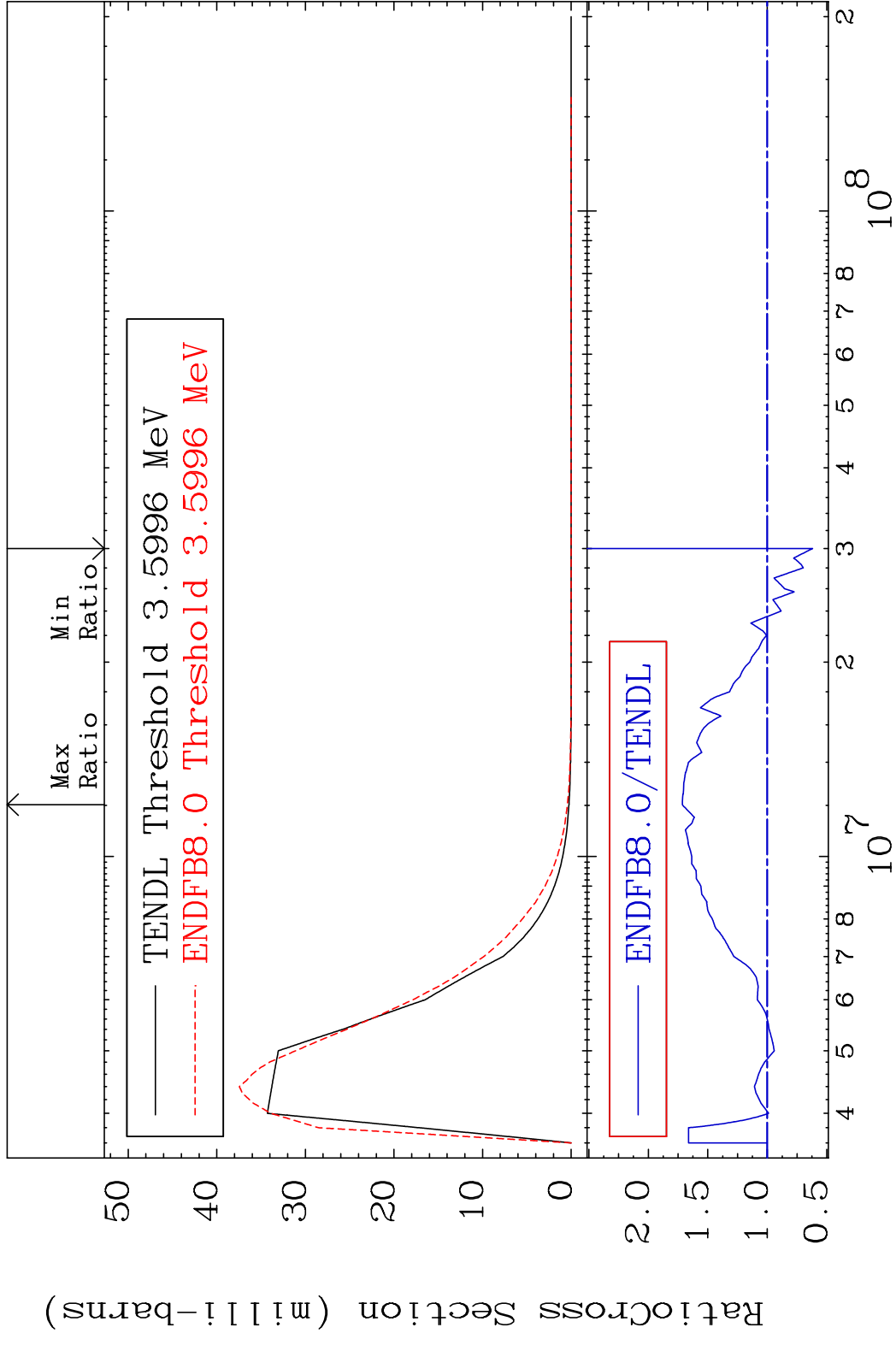


20 Incident Energy (eV) 26-Fe-58

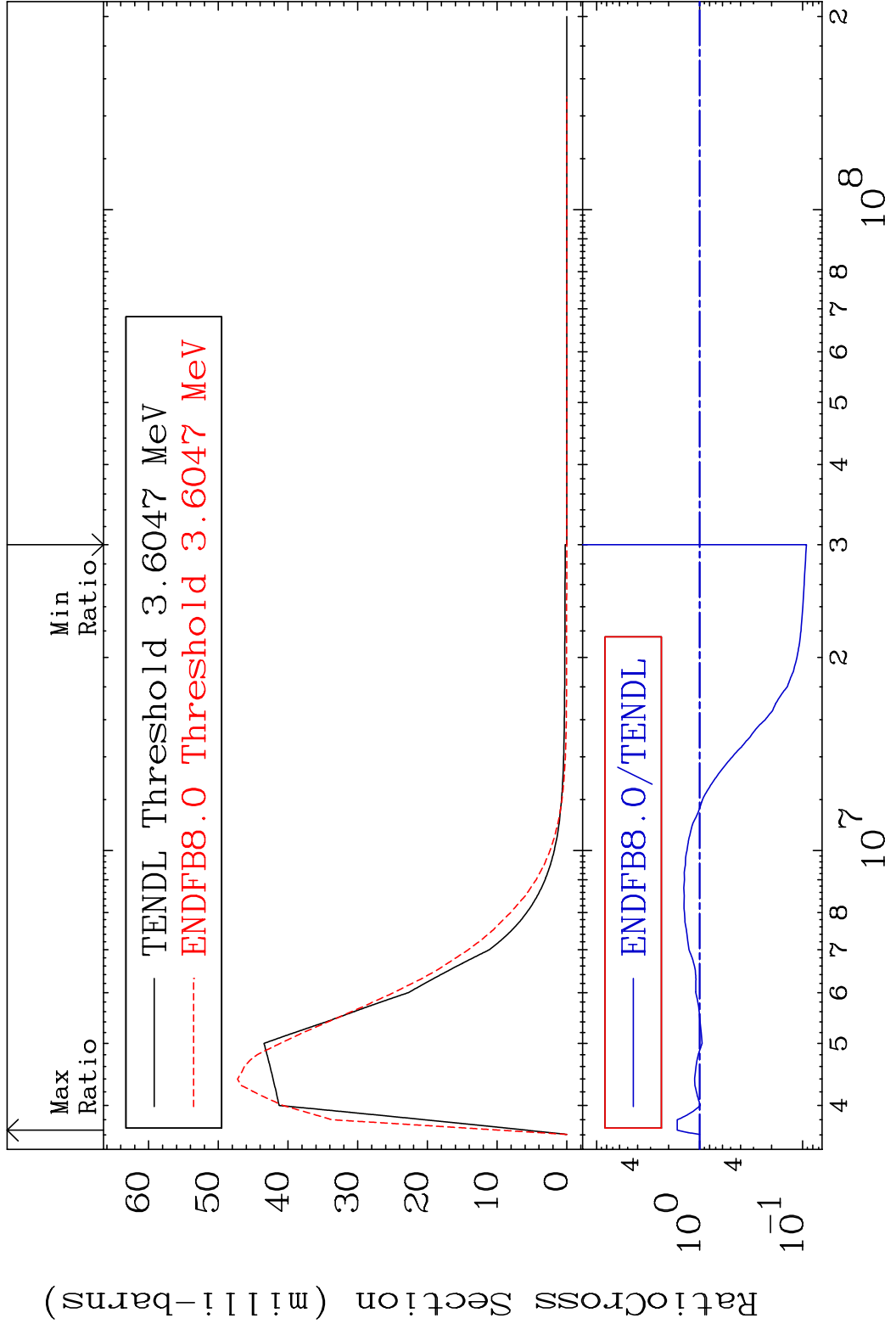
MAT 2637 MT= 66 (n, n') Level 26-Fe-58
 Cross Section -90.82 To 83.76 %



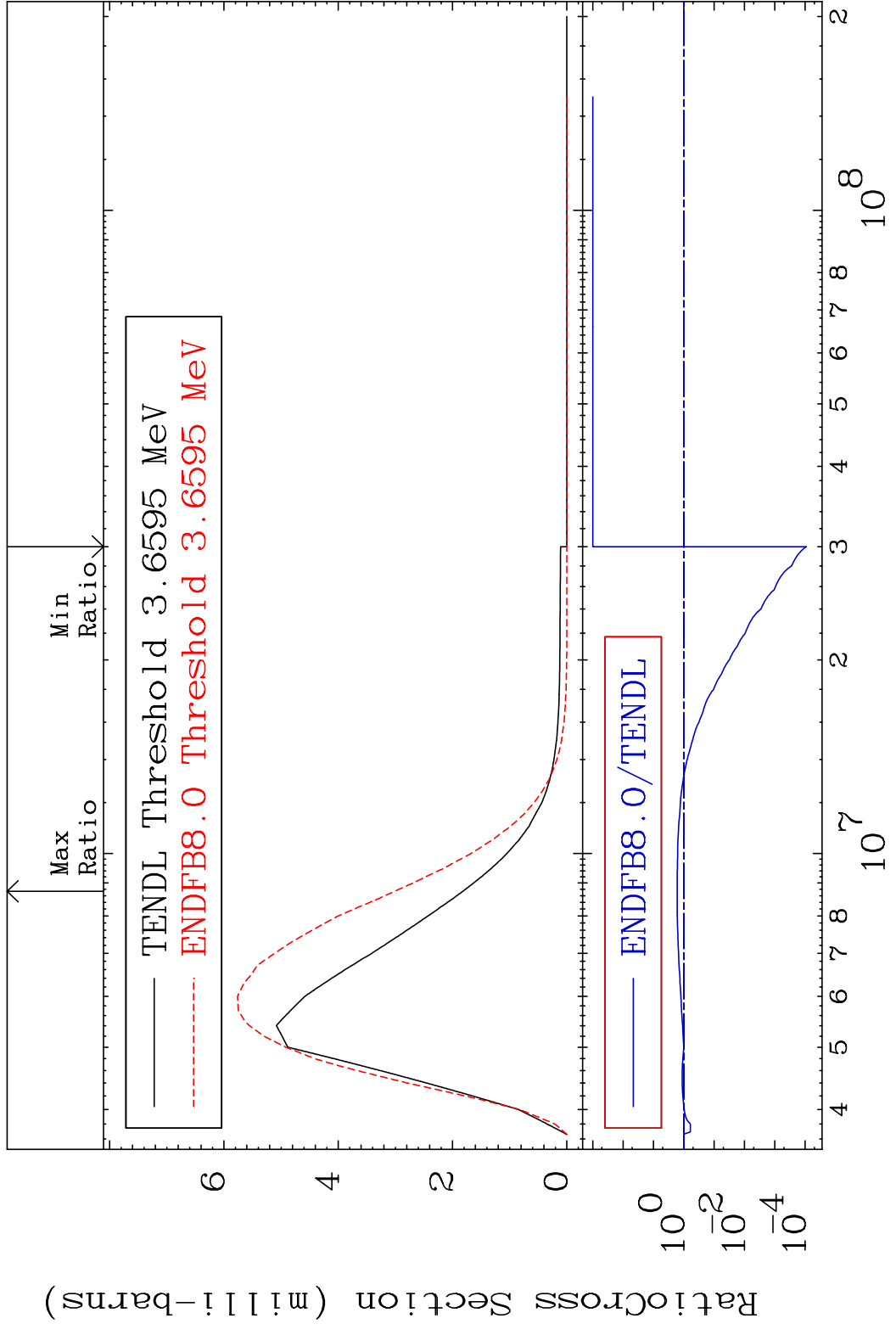
MAT 2637 MT= 67 (n, n') Level 26-Fe-58
 Cross Section -38.04 To 71.40 %



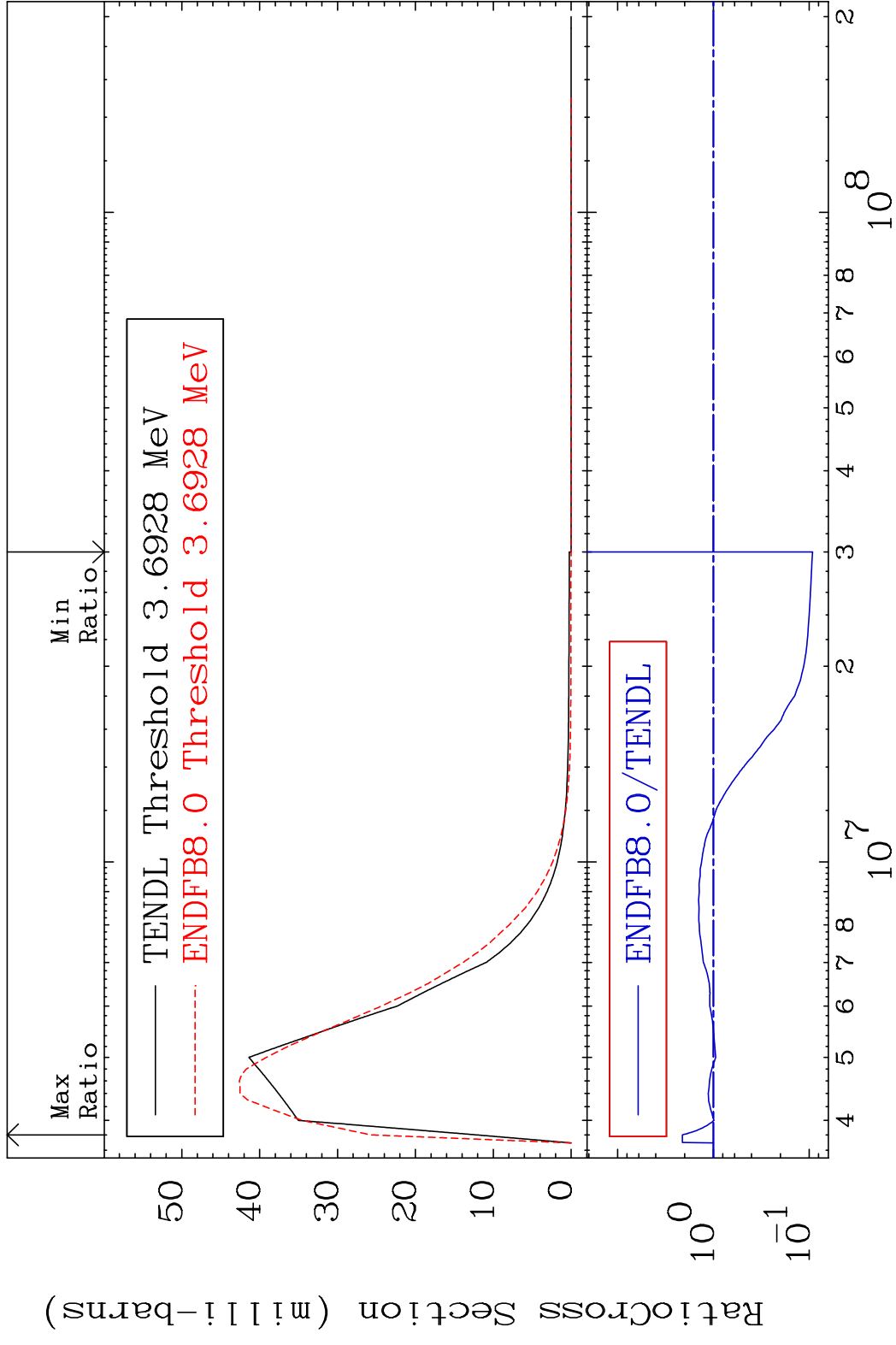
MAT 2637 MT= 68 (n, n') Level 26-Fe-58
 Cross Section -90.79 To 65.31 %



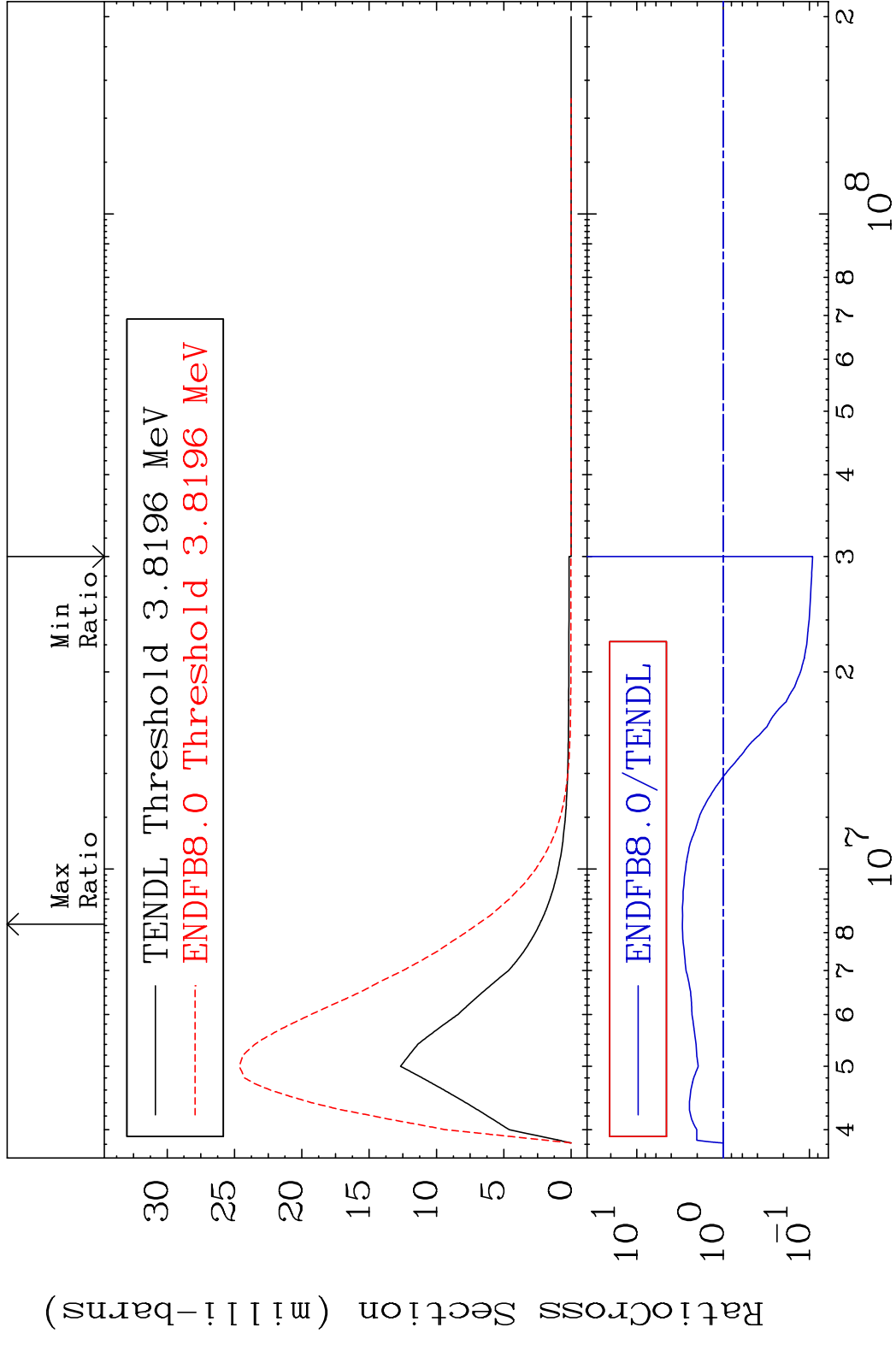
MAT 2637 MT= 69 (n, n') Level 26-Fe-58
 Cross Section -99.99 To 65.65 %



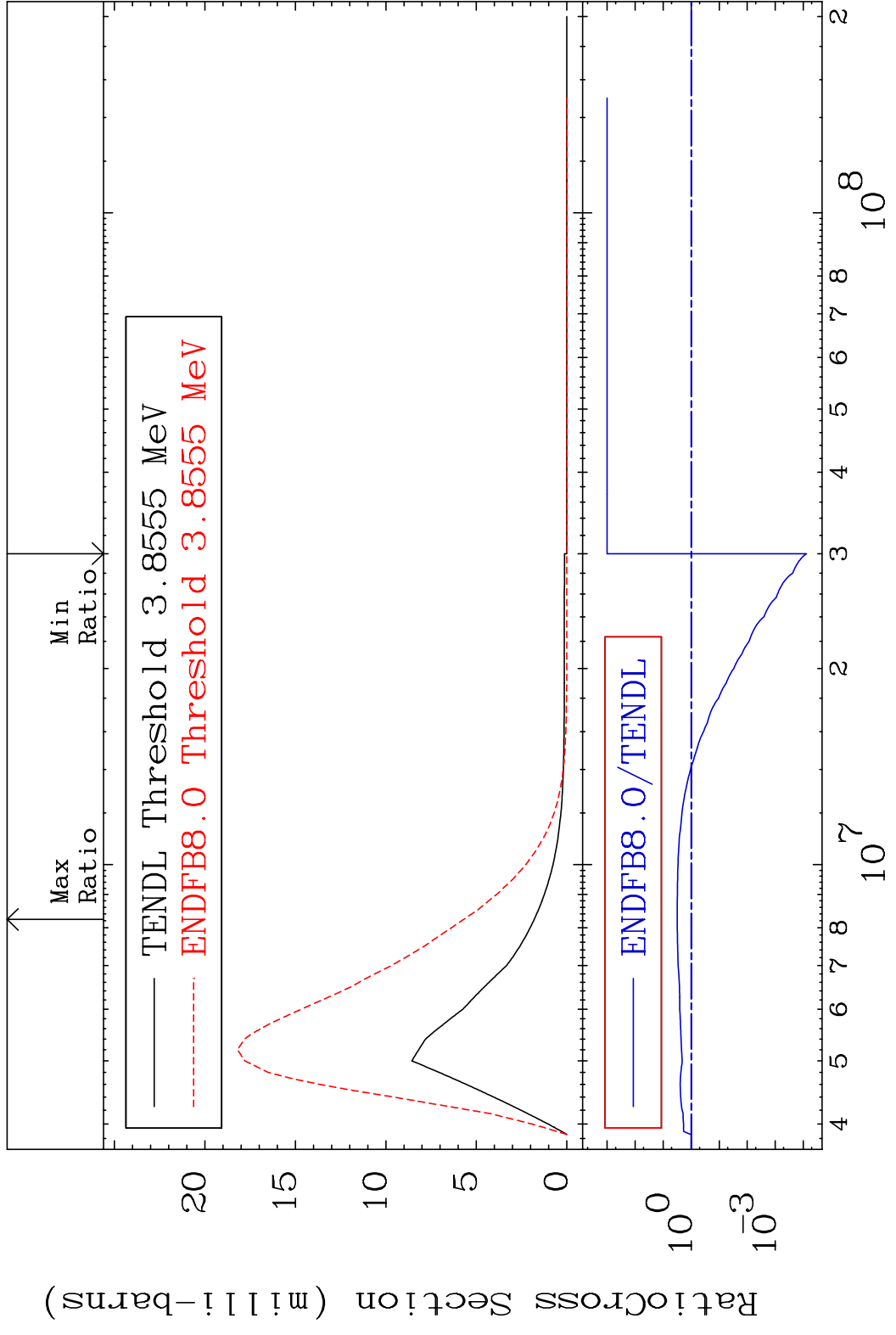
MAT 2637 MT= 70 (n, n') Level 26-Fe-58
 Cross Section -90.78 To 111.0 %



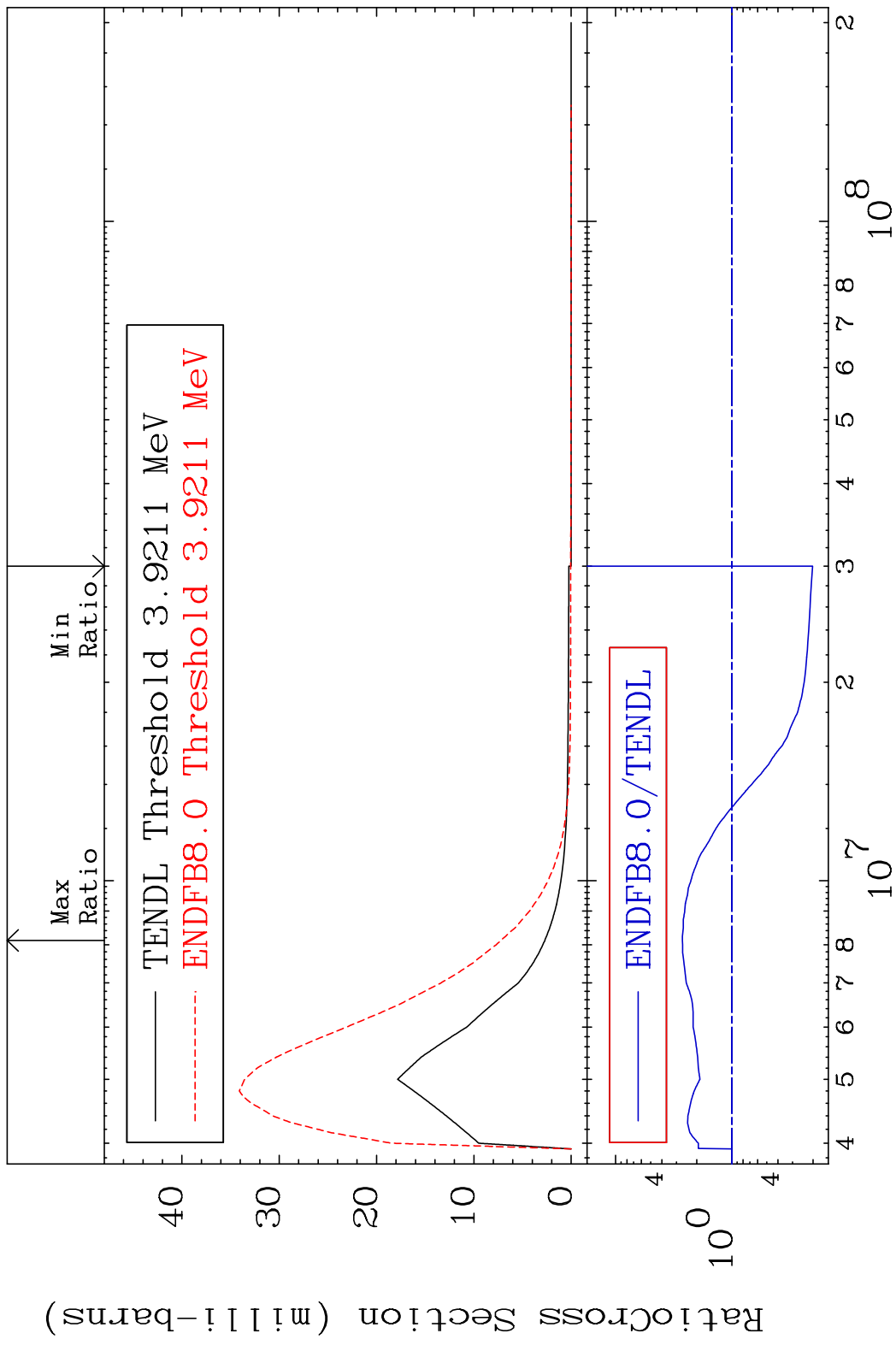
MAT 2637 MT= 71 (n,n') Level 26-Fe-58
 Cross Section -90.79 To 197.0 %



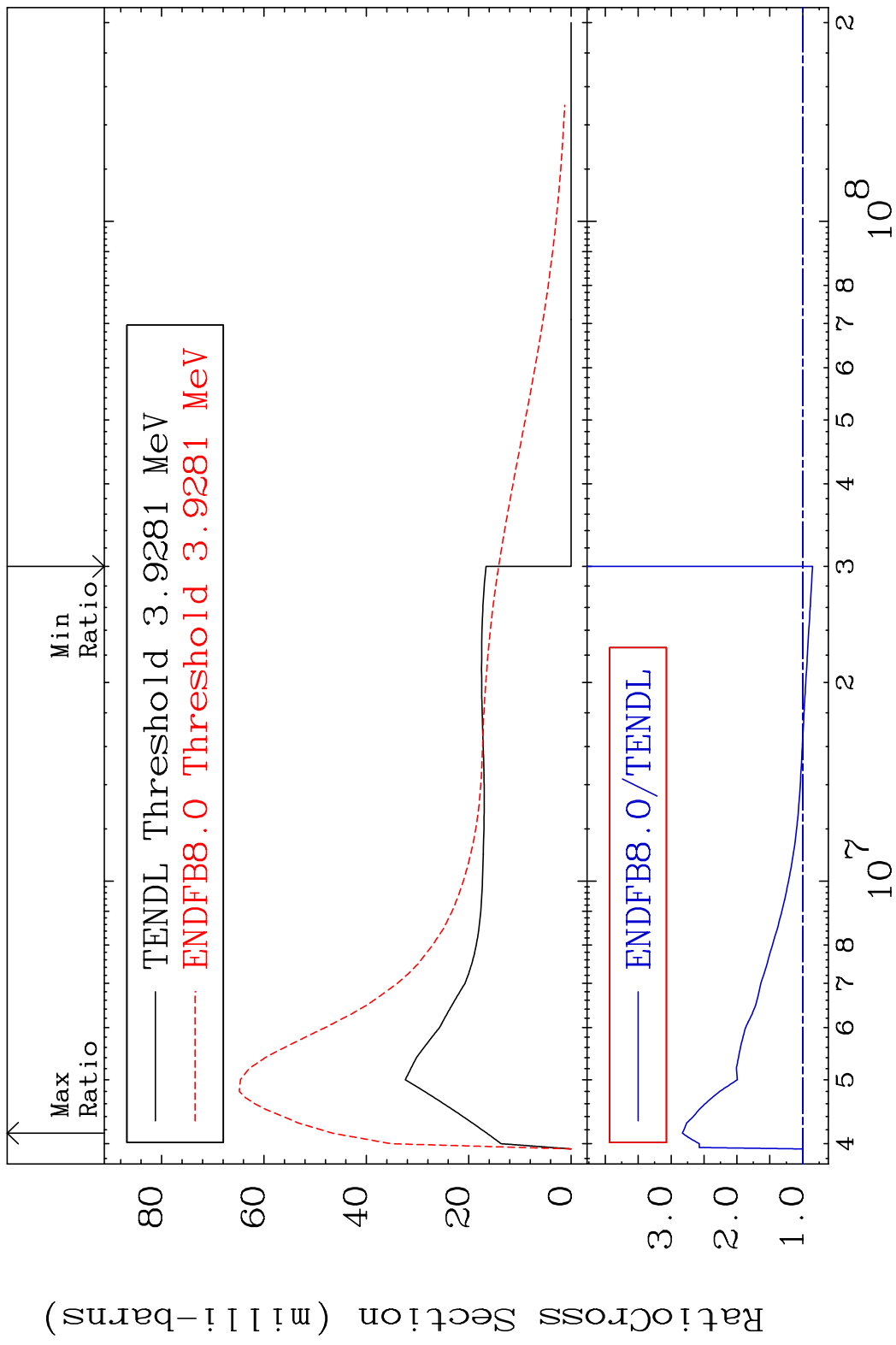
MAT 2637 MT= 72 (n, n') Level 26-Fe-58
 Cross Section -99.99 To 216.0 %



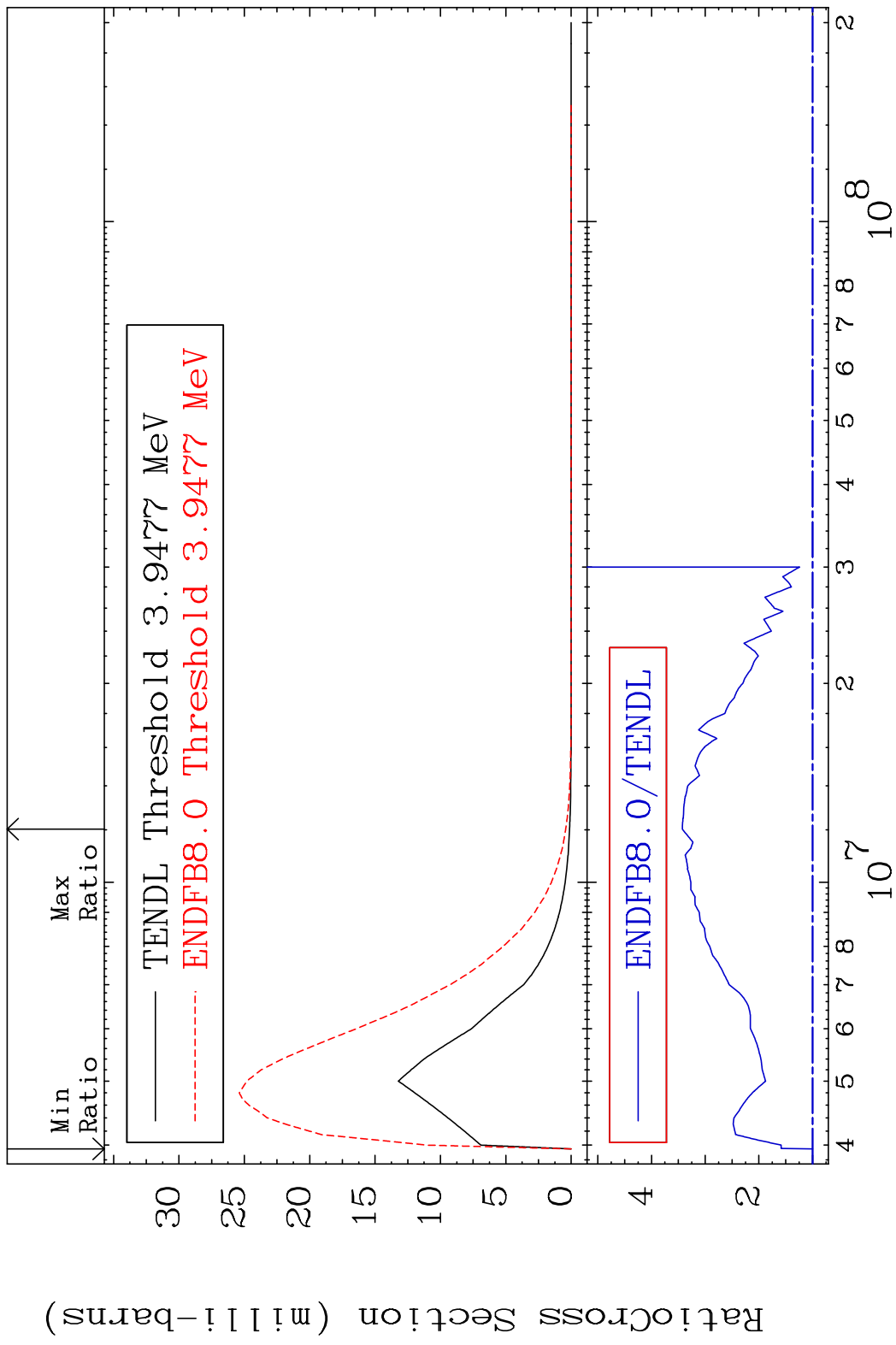
MAT 2637 MT= 73 (n, n') Level 26-Fe-58
 Cross Section -79.84 To 166.5 %



MAT 2637 MT= 74 (n,n') Level 26-Fe-58
 Cross Section -14.92 To 182.9 %

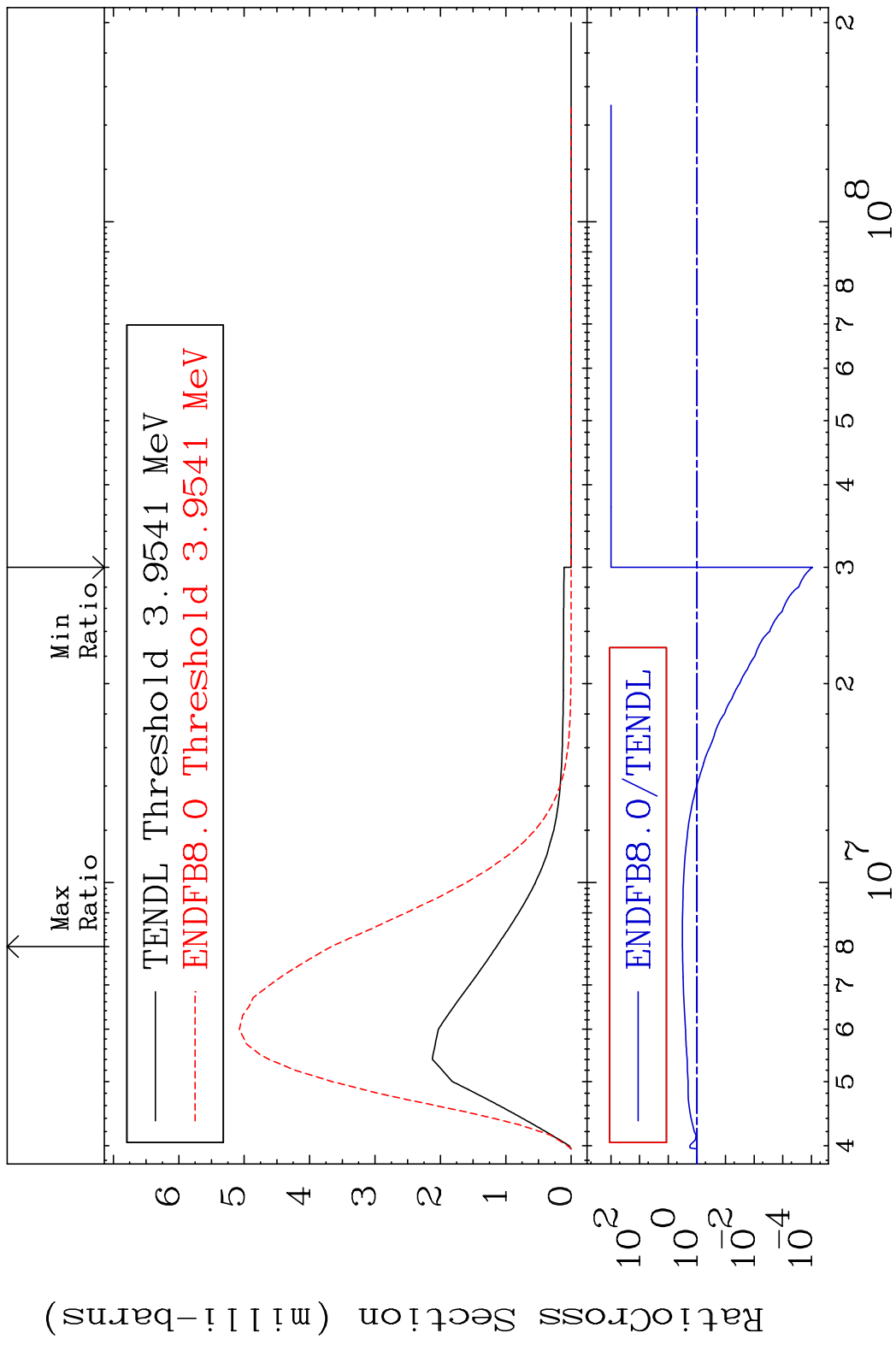


MAT 2637 MT= 75 (n, n') Level 26-Fe-58
 Cross Section 0.000 To 242.5 %

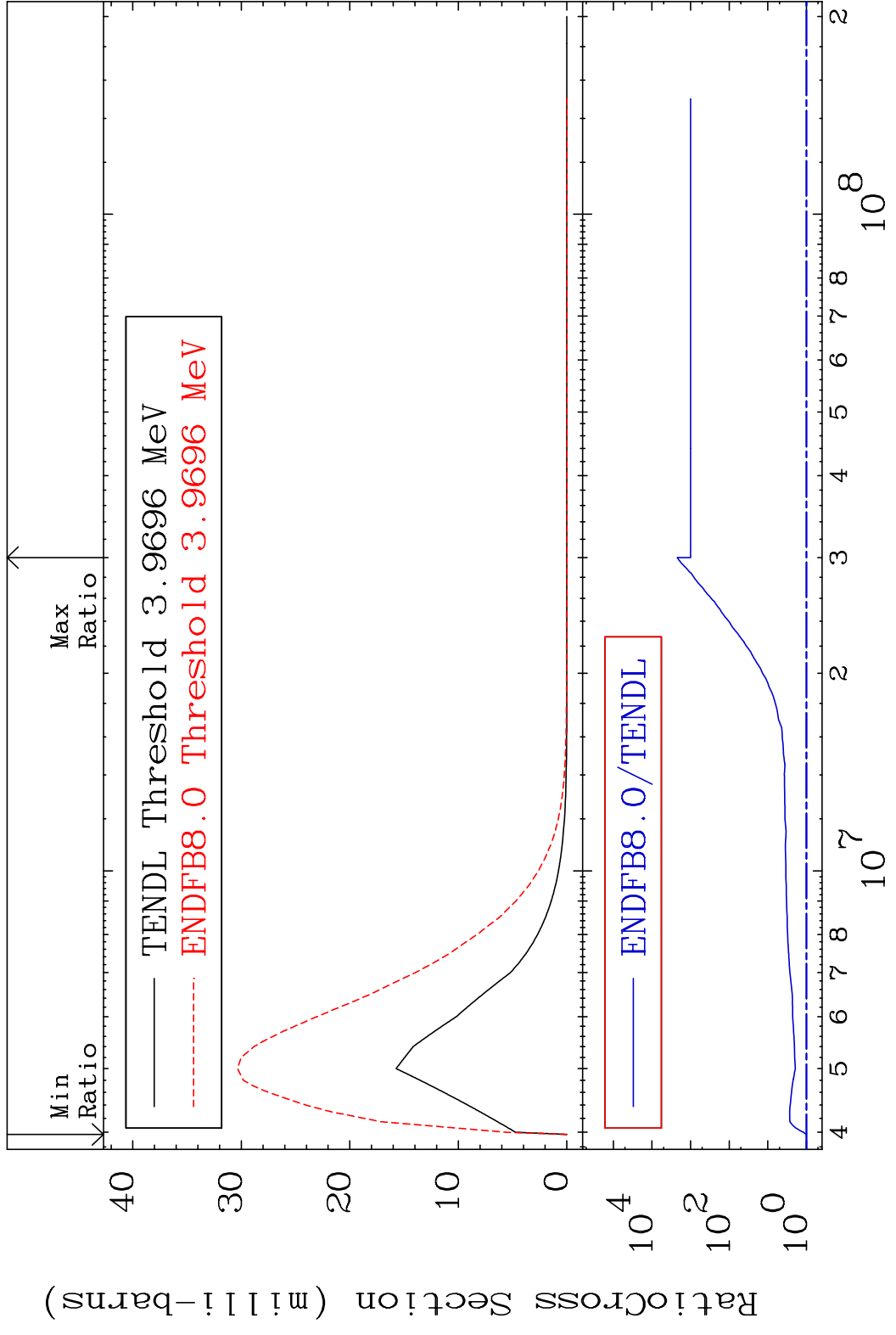


30 26-Fe-58

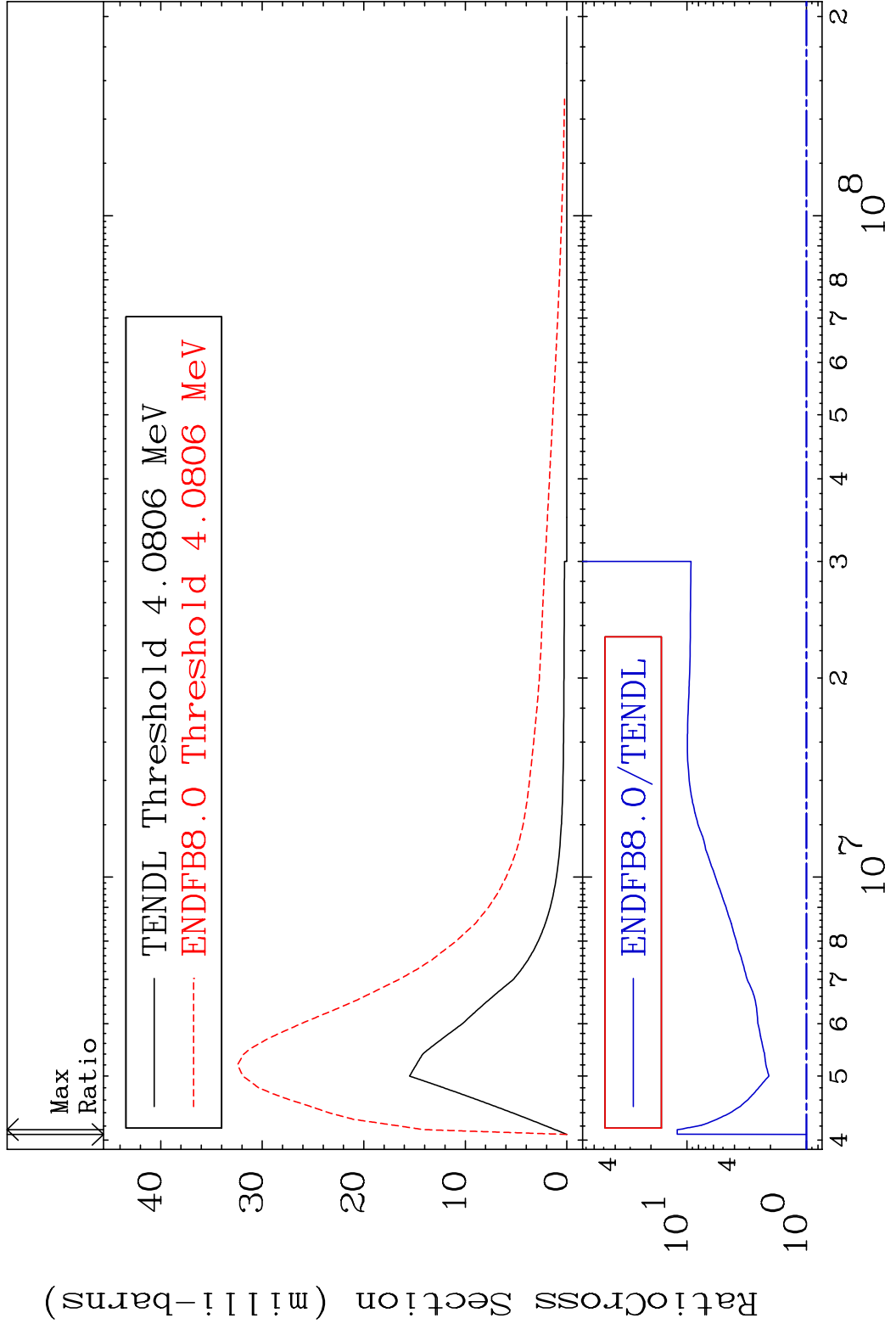
MAT 2637 MT= 76 (n, n') Level 26-Fe-58
 Cross Section -99.99 To 221.3 %



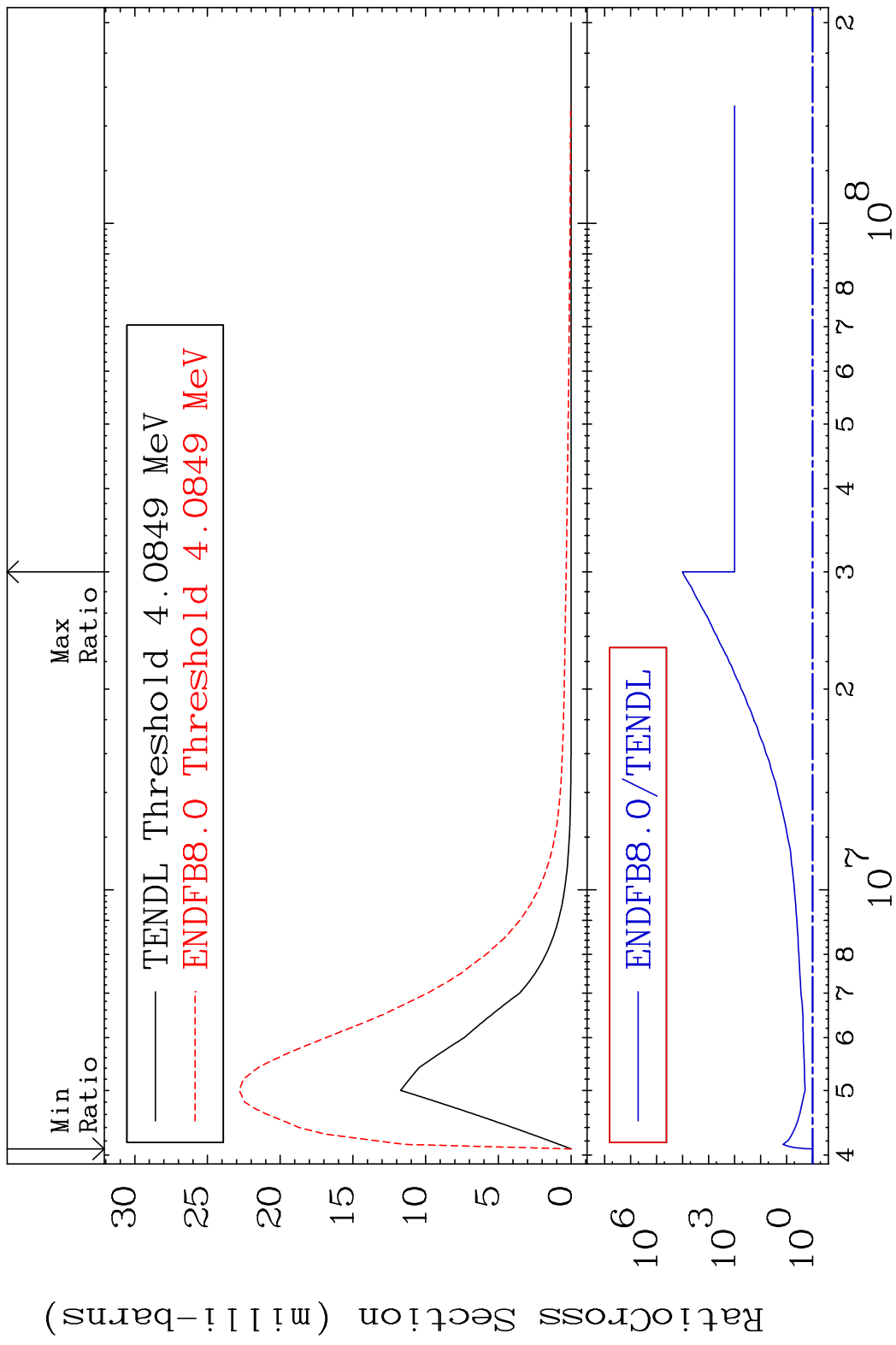
MAT 2637 MT= 77 (n, n') Level 26-Fe-58
 Cross Section 0.000 To 9999. %



MAT 2637 MT= 78 (n,n') Level 26-Fe-58
 Cross Section 0.000 To 1109. %



MAT 2637 MT= 79 (n, n') Level 26-Fe-58
 Cross Section 0.000 To 9999. %



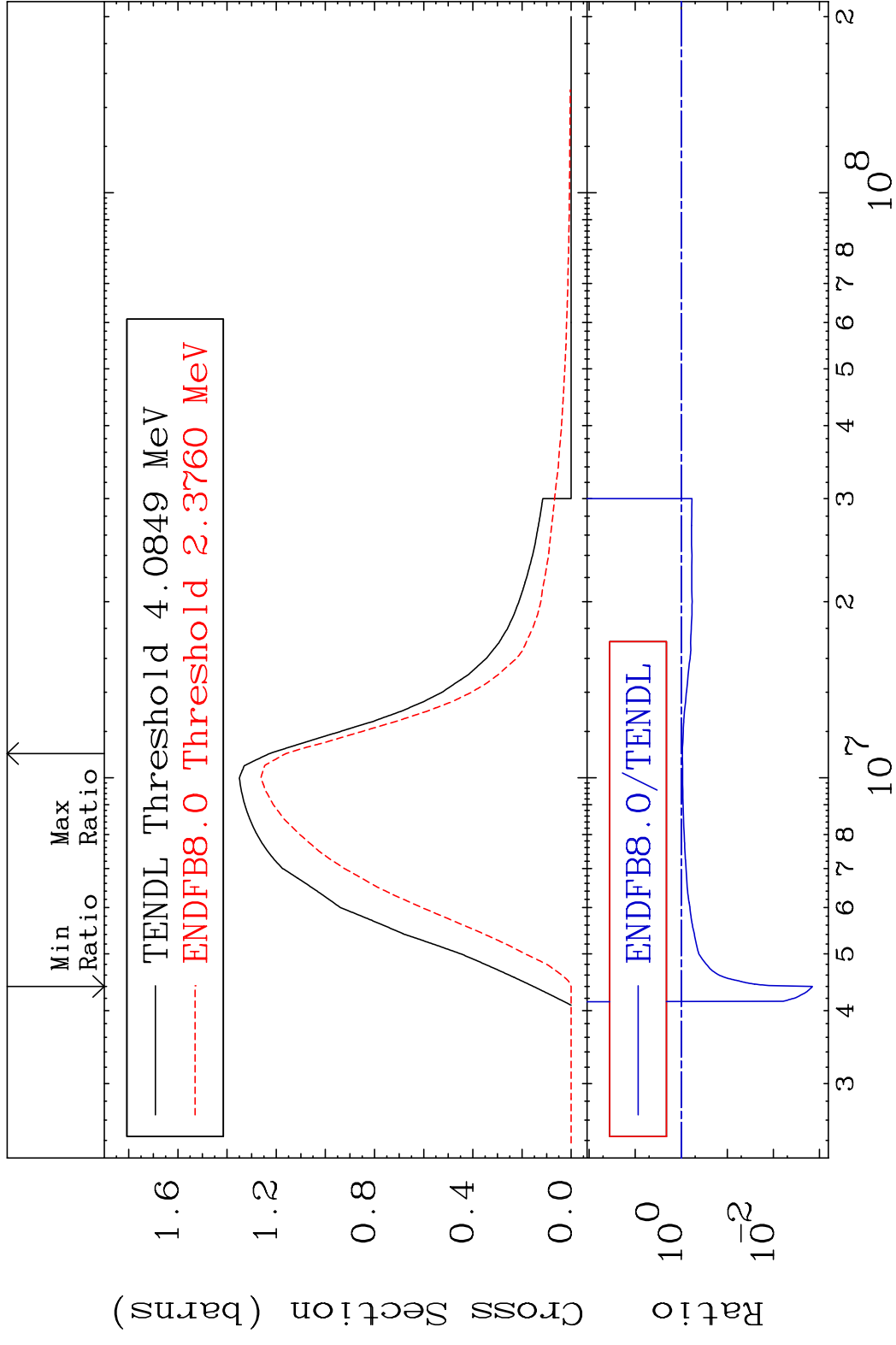
34 Incident Energy (eV) 26-Fe-58

MAT 2637

(n,n') Continuum

²⁶Fe-58

Cross Section -99.86 To -5.440%



35

Incident Energy (eV)

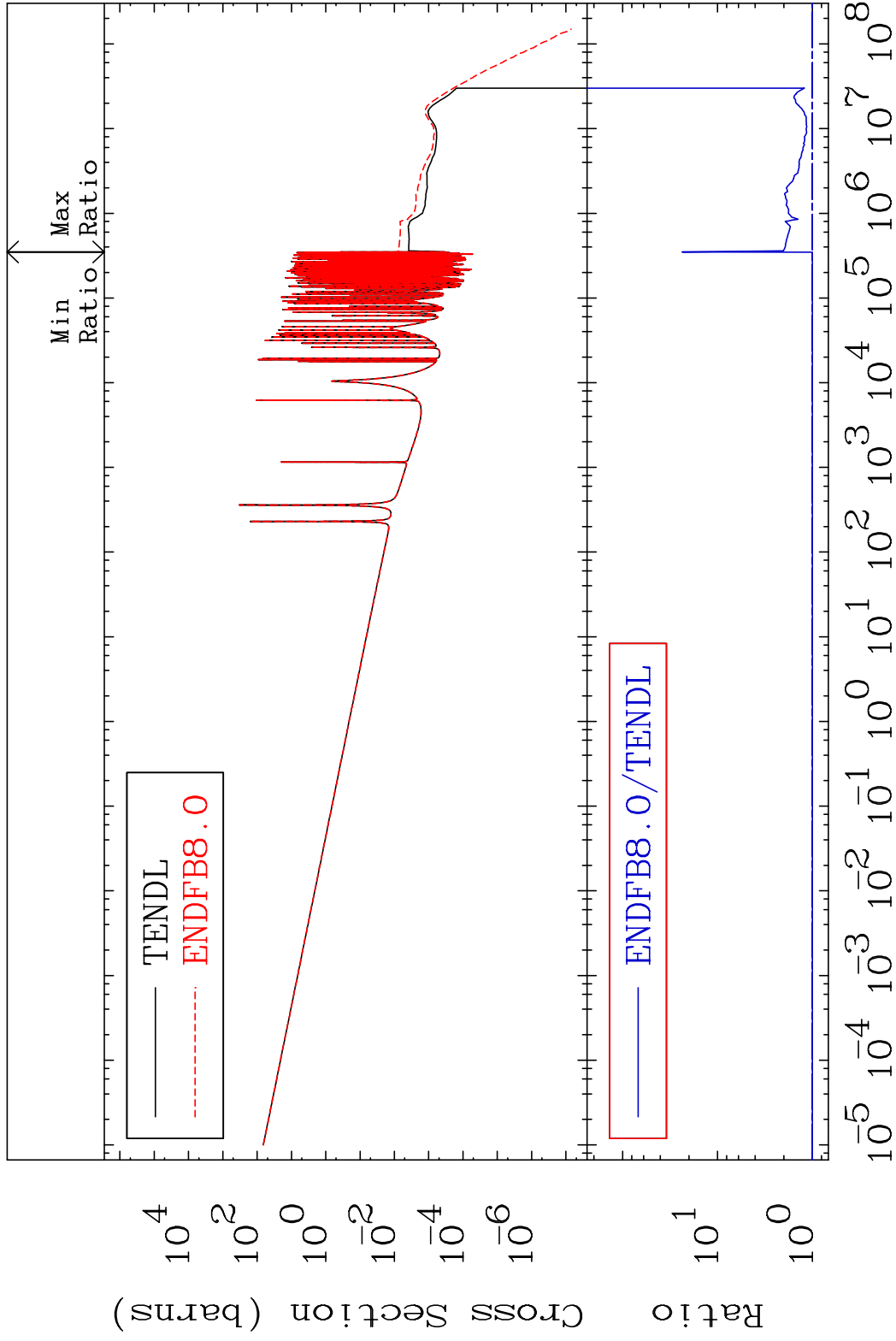
²⁶Fe-58

MAT 2637

(n, γ)

26-Fe-58

Cross Section -0.520 To 2244. %

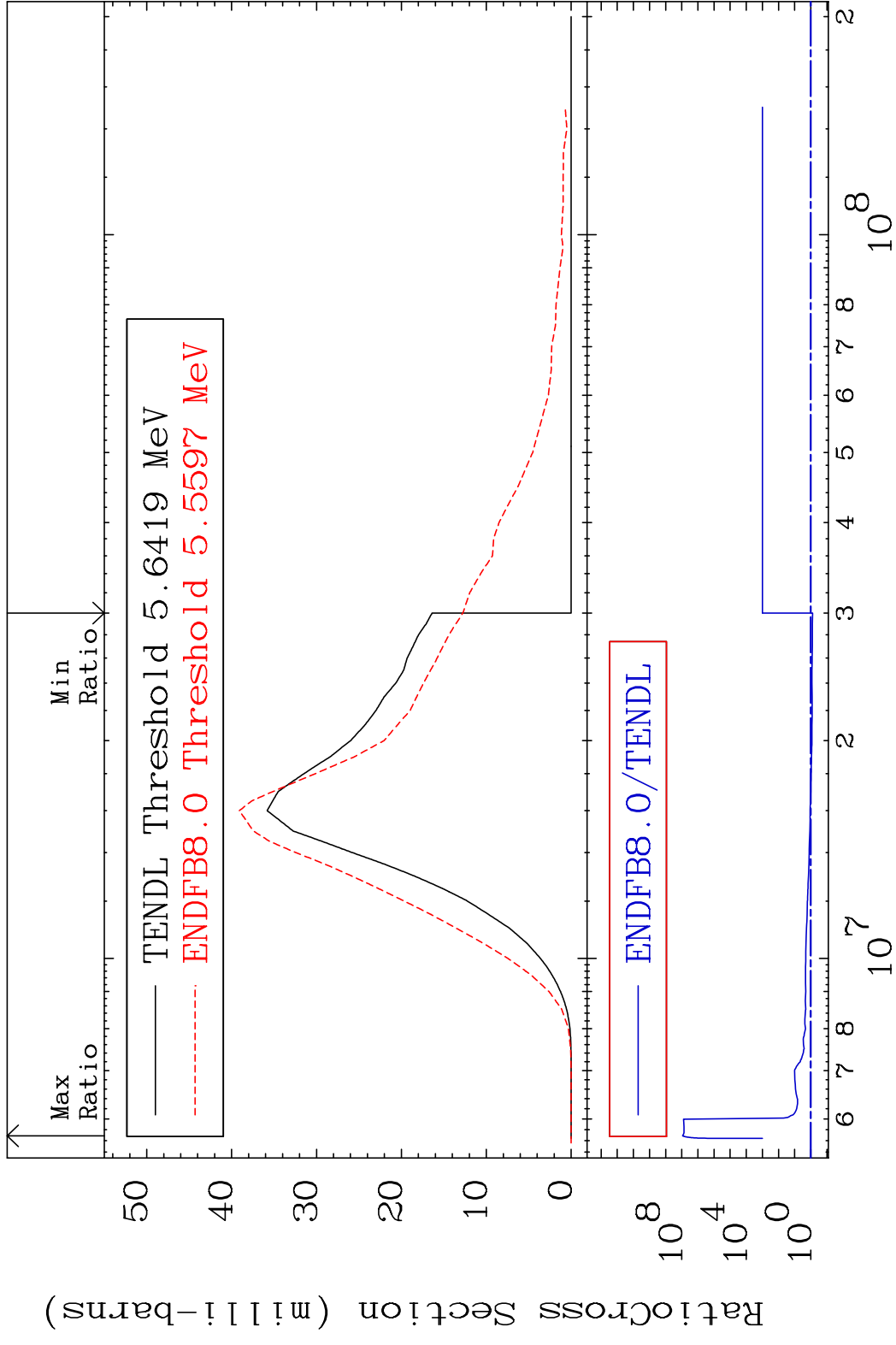


36

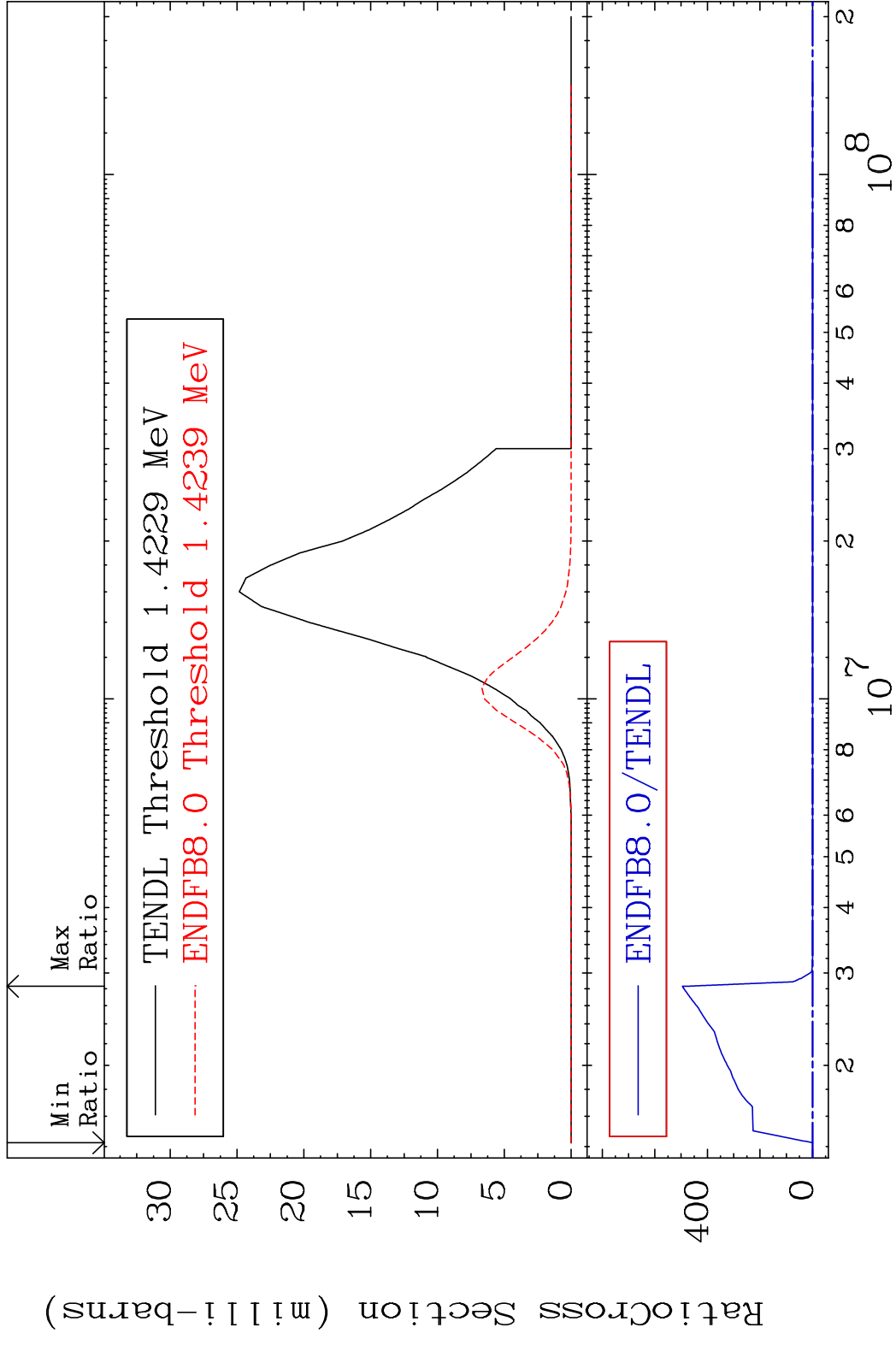
Incident Energy (eV)

26-Fe-58

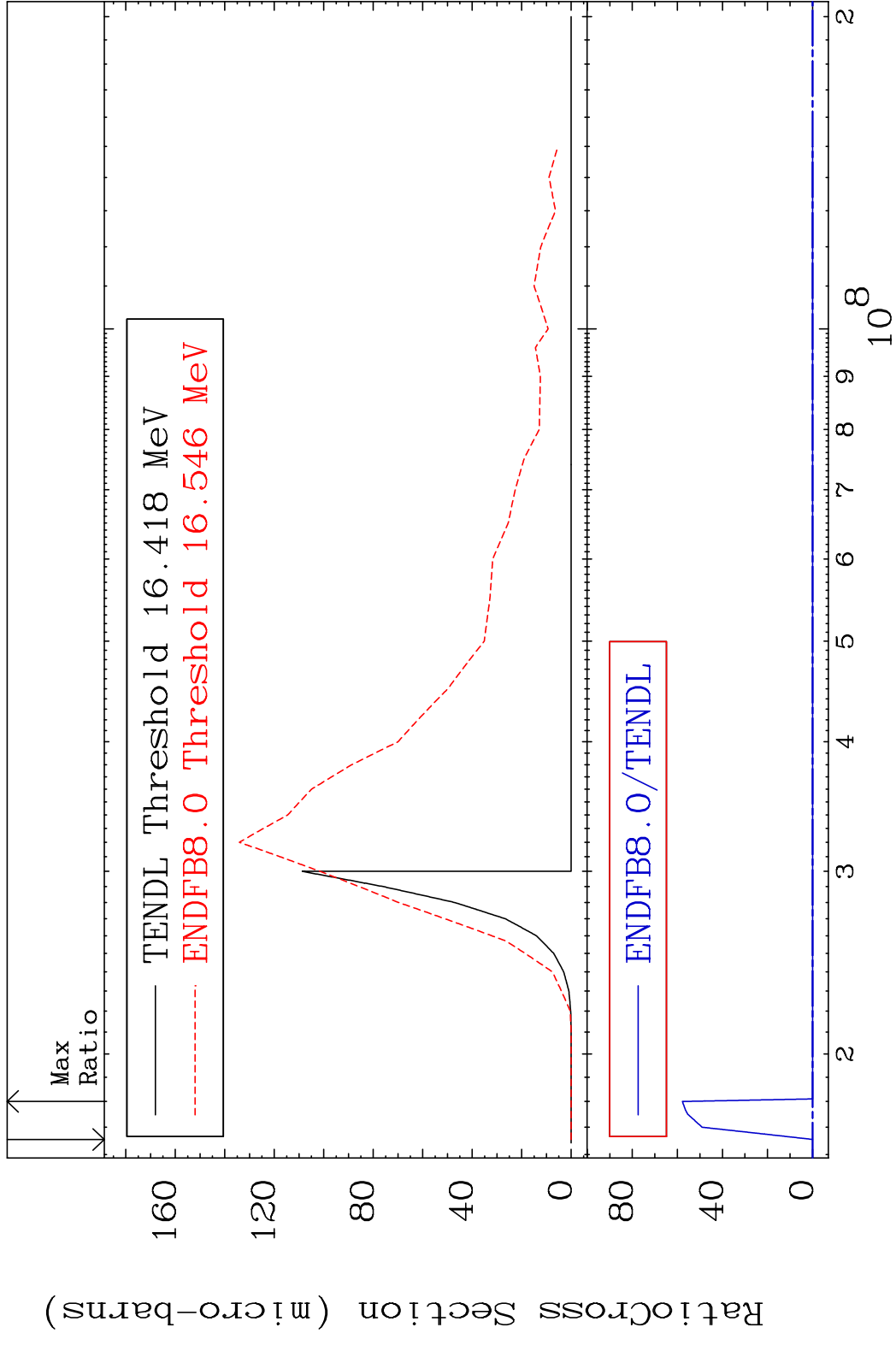
MAT 2637 (n,p) 26-Fe-58
 Cross Section -22.17 To 9999. %



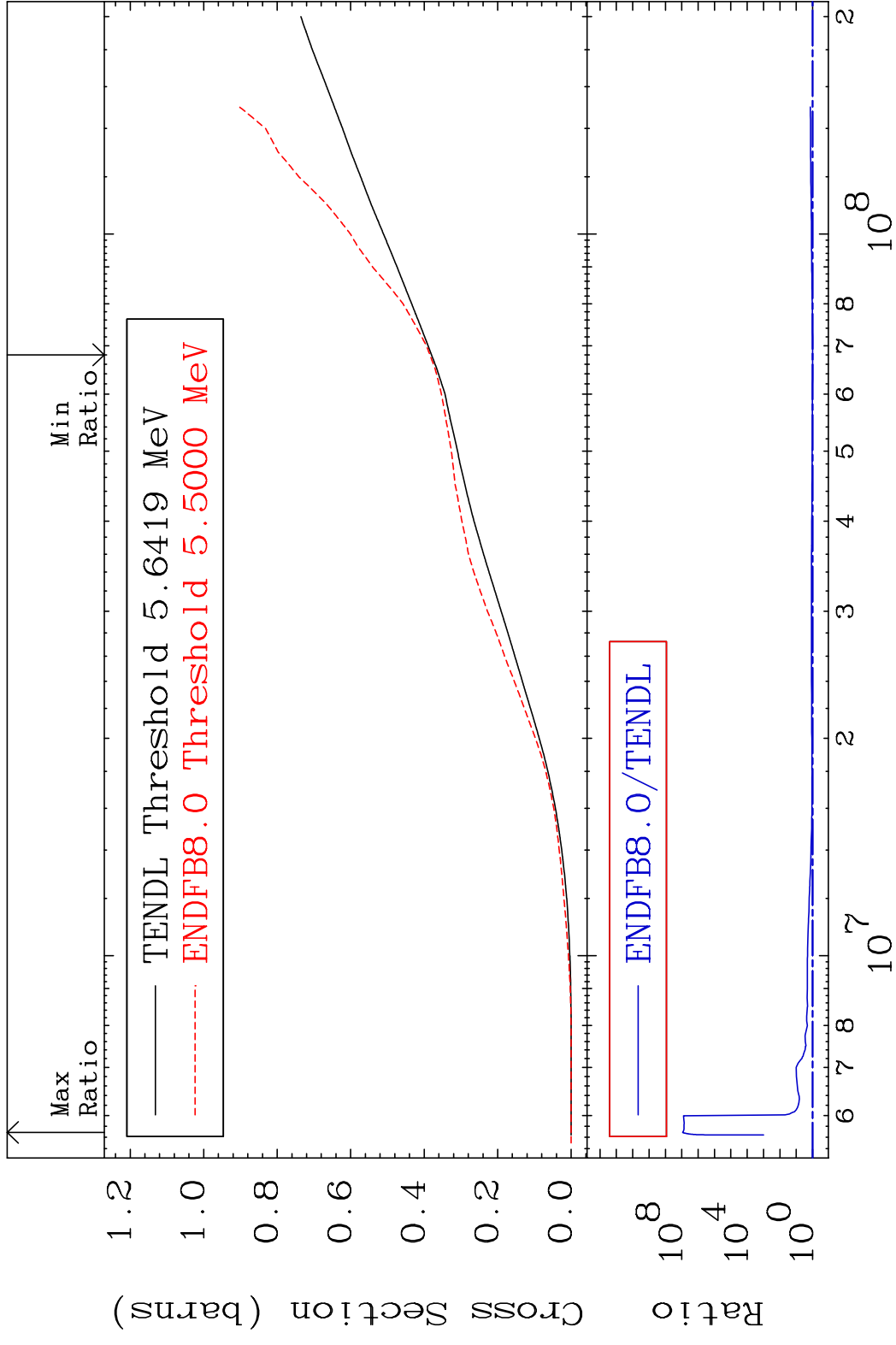
MAT 2637 (n,α) 26-Fe-58
 Cross Section -100.0 To 9999. %



MAT 2637 (n,2p) 26-Fe-58
 Cross Section -100.0 To 9999. %



MAT 2637 Hydrogen Production 26-Fe-58
 Cross Section 1.160 To 9999. %

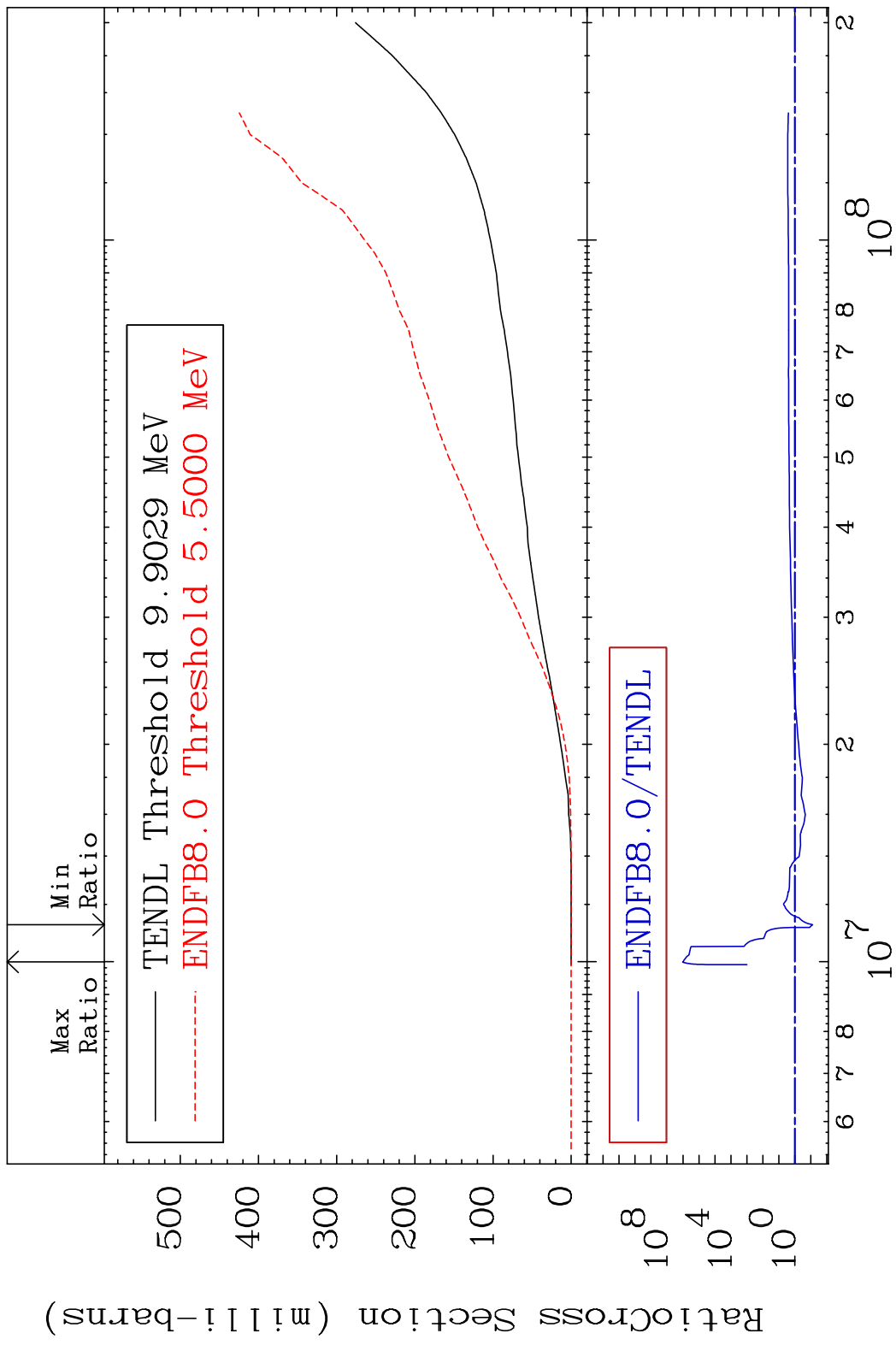


40 Incident Energy (eV) 26-Fe-58

MAT 2637

Deuterium Production 26-Fe-58

Cross Section -92.17 To 9999. %

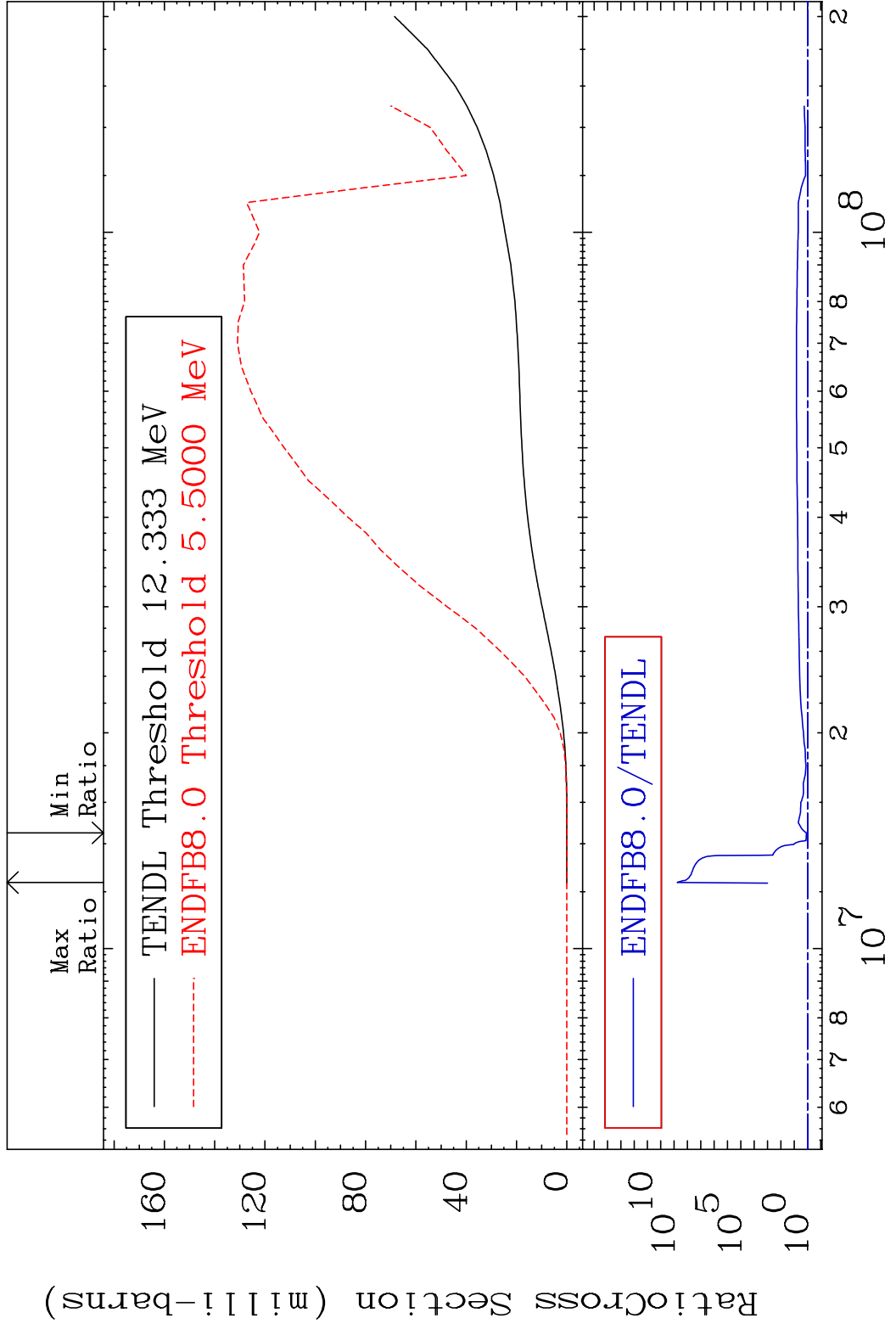


41

Incident Energy (eV) 26-Fe-58

MAT 2637

Tritium Production 26-Fe-58
Cross Section 20.54 To 9999. %



42

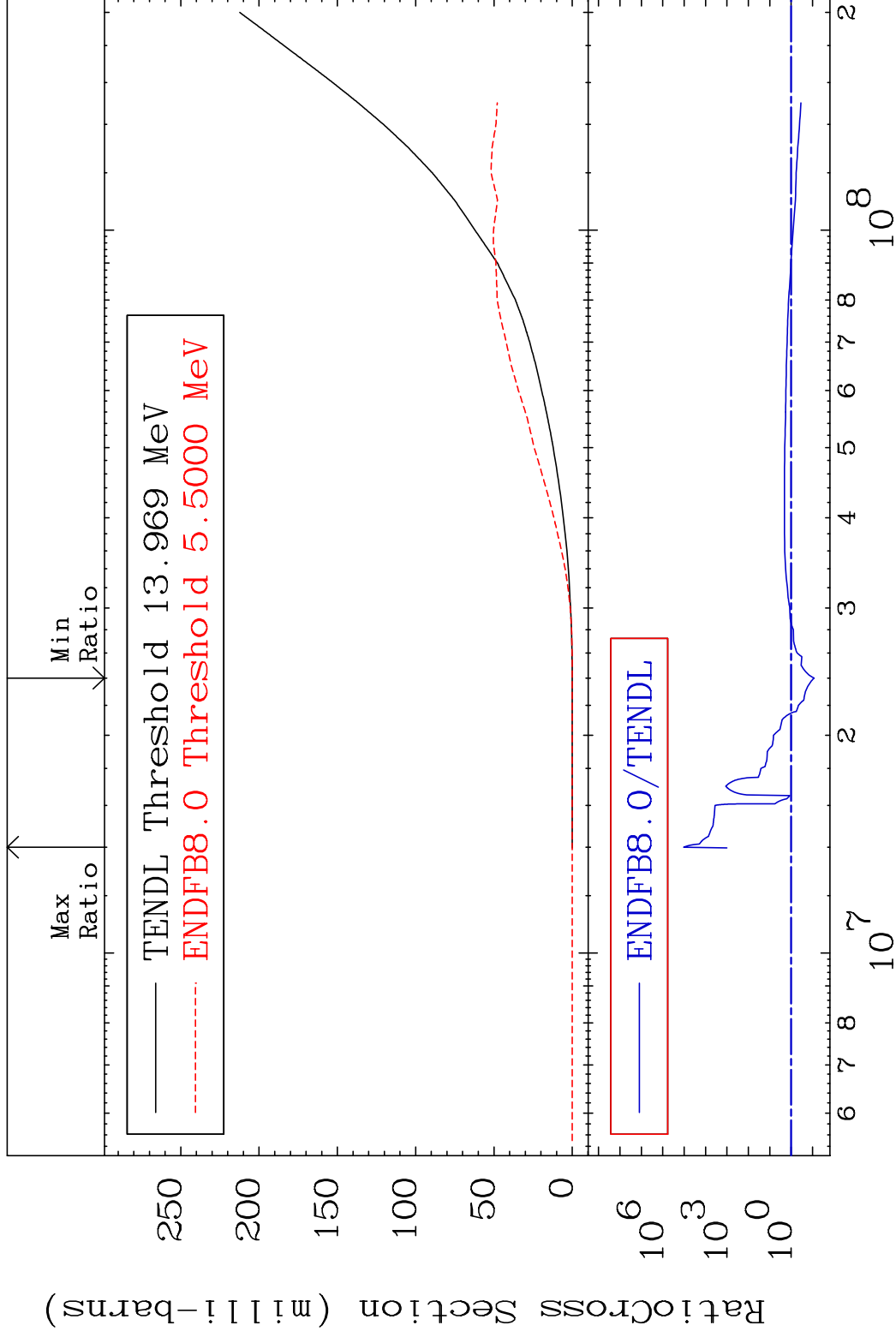
Incident Energy (eV) 26-Fe-58

MAT 2637

He-3 Production

²⁶Fe-58

Cross Section -91.55 To 9999. %

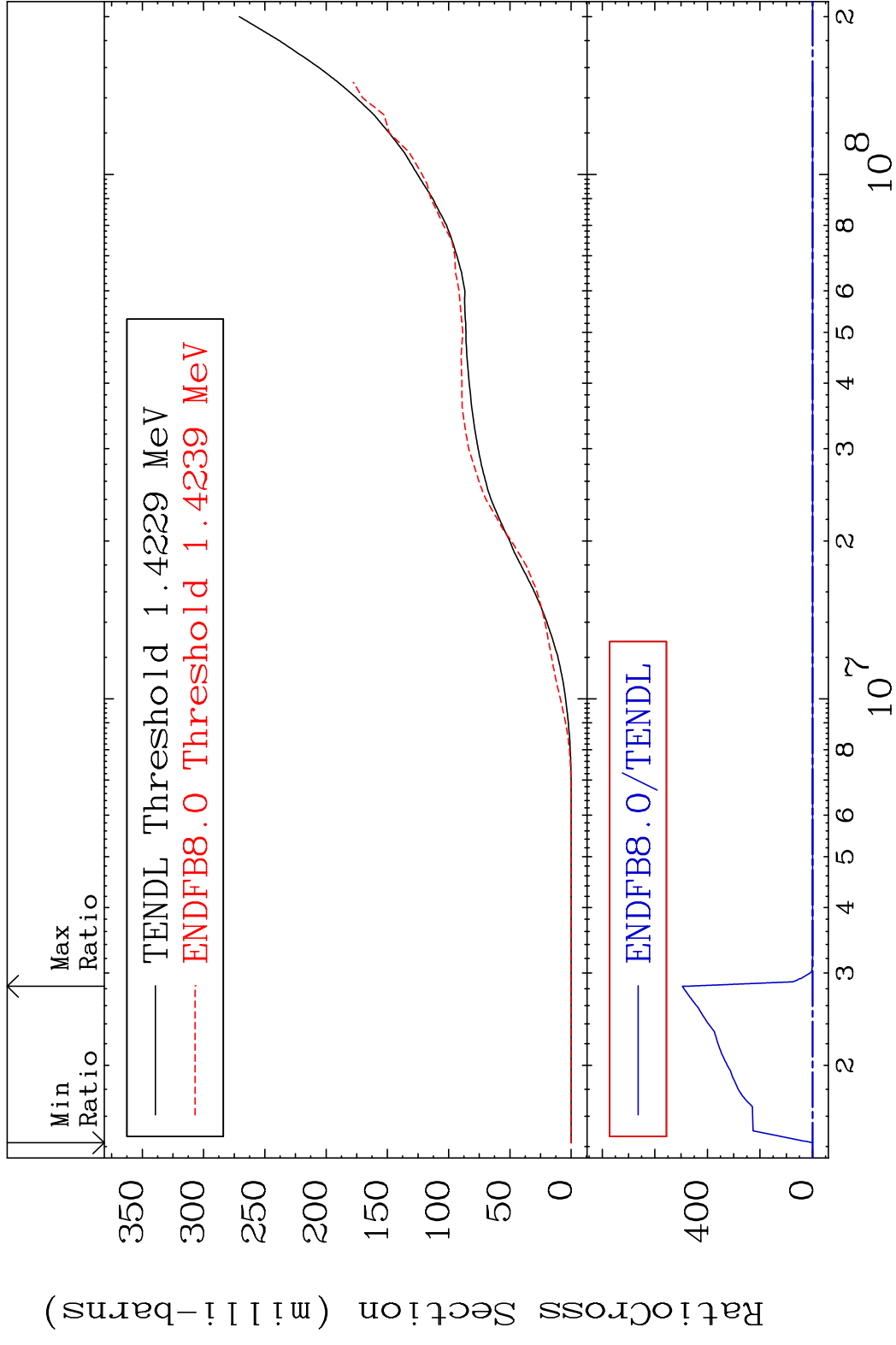


43

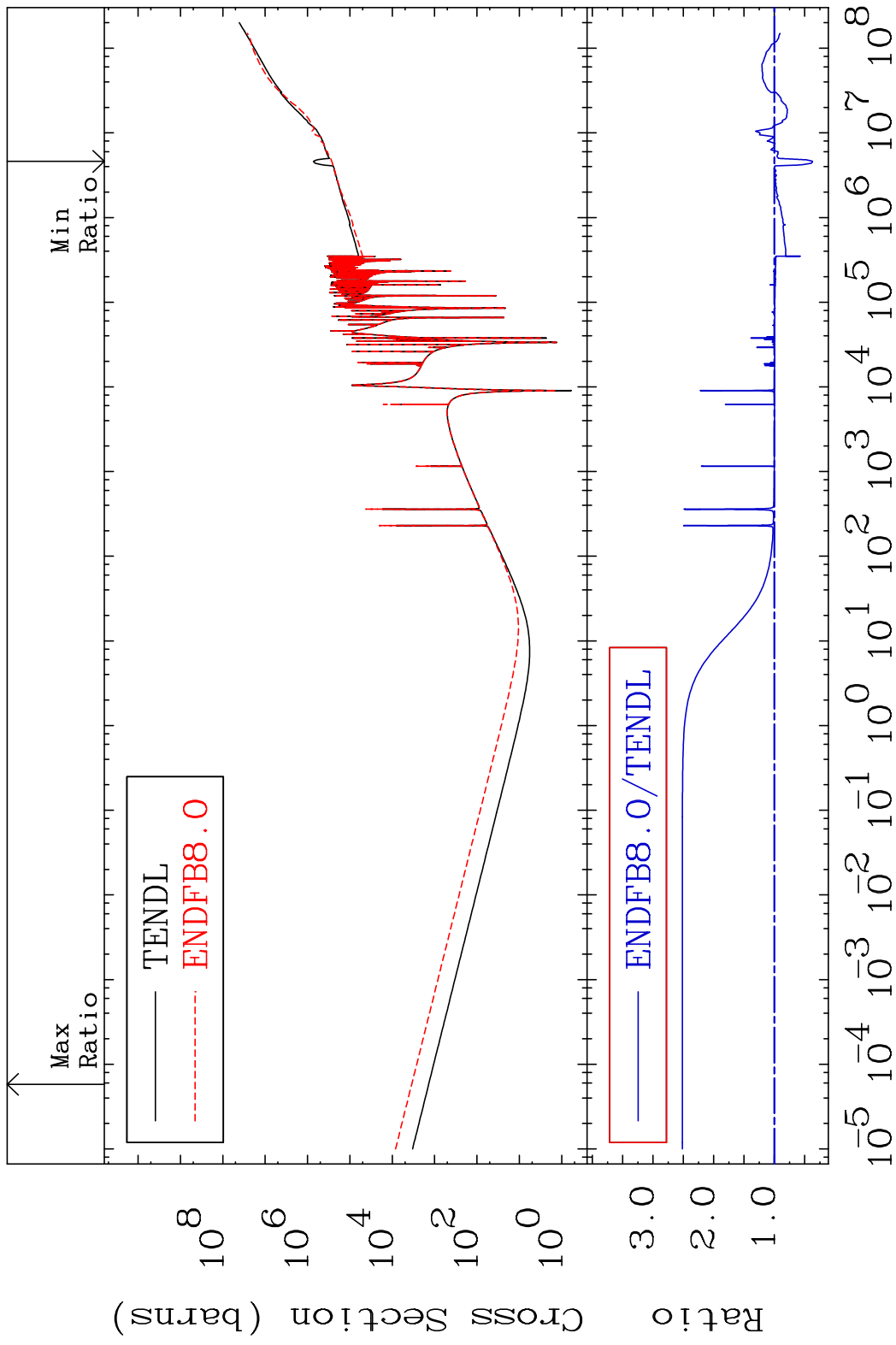
Incident Energy (eV)

²⁶Fe-58

MAT 2637 He-4 Production 26-Fe-58
 Cross Section -100.0 To 9999. %



MAT 2637 Kerma total (eV-barns) 26-Fe-58
 Cross Section -62.91 To 151.7 %

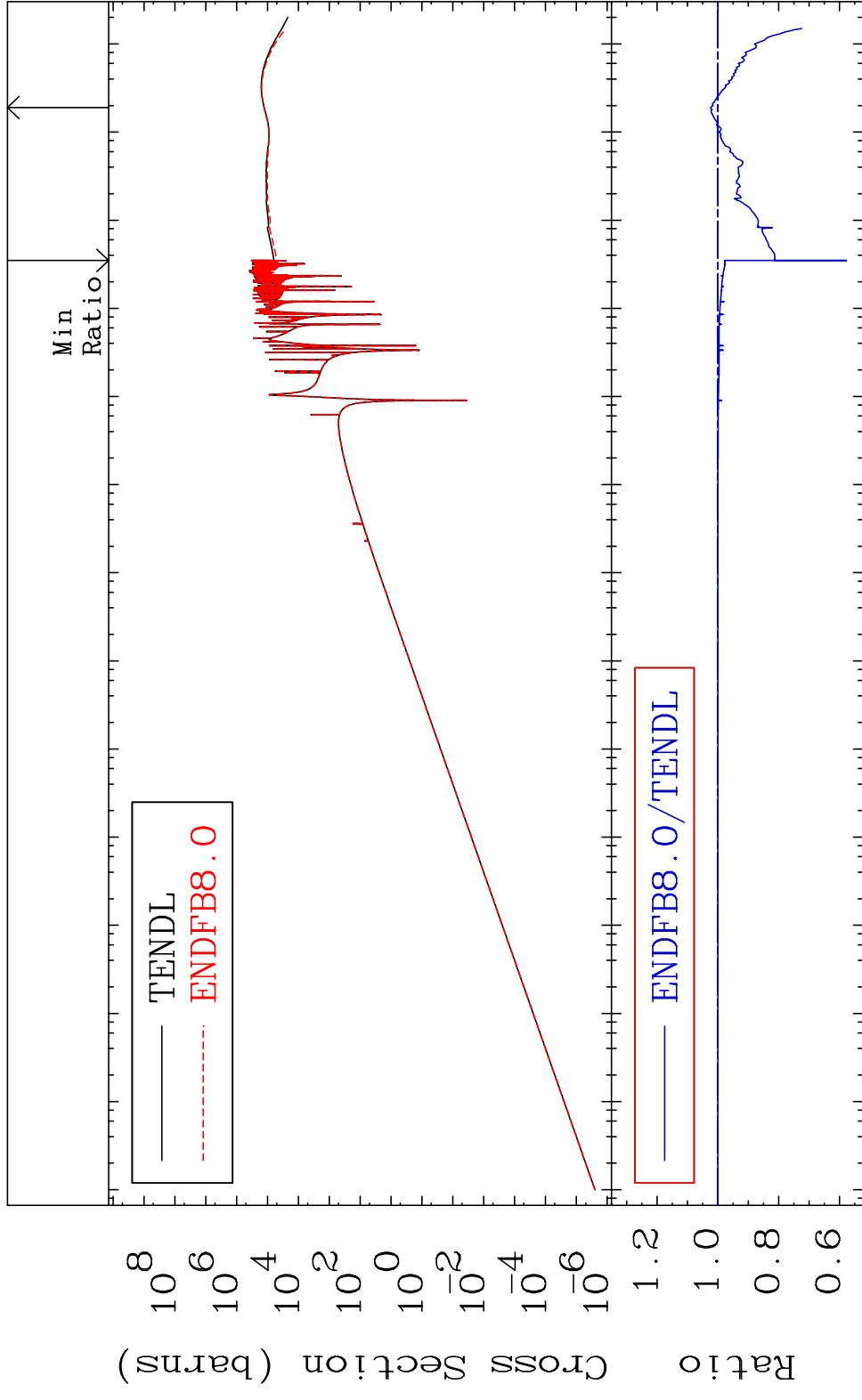


45 Incident Energy (eV) 26-Fe-58

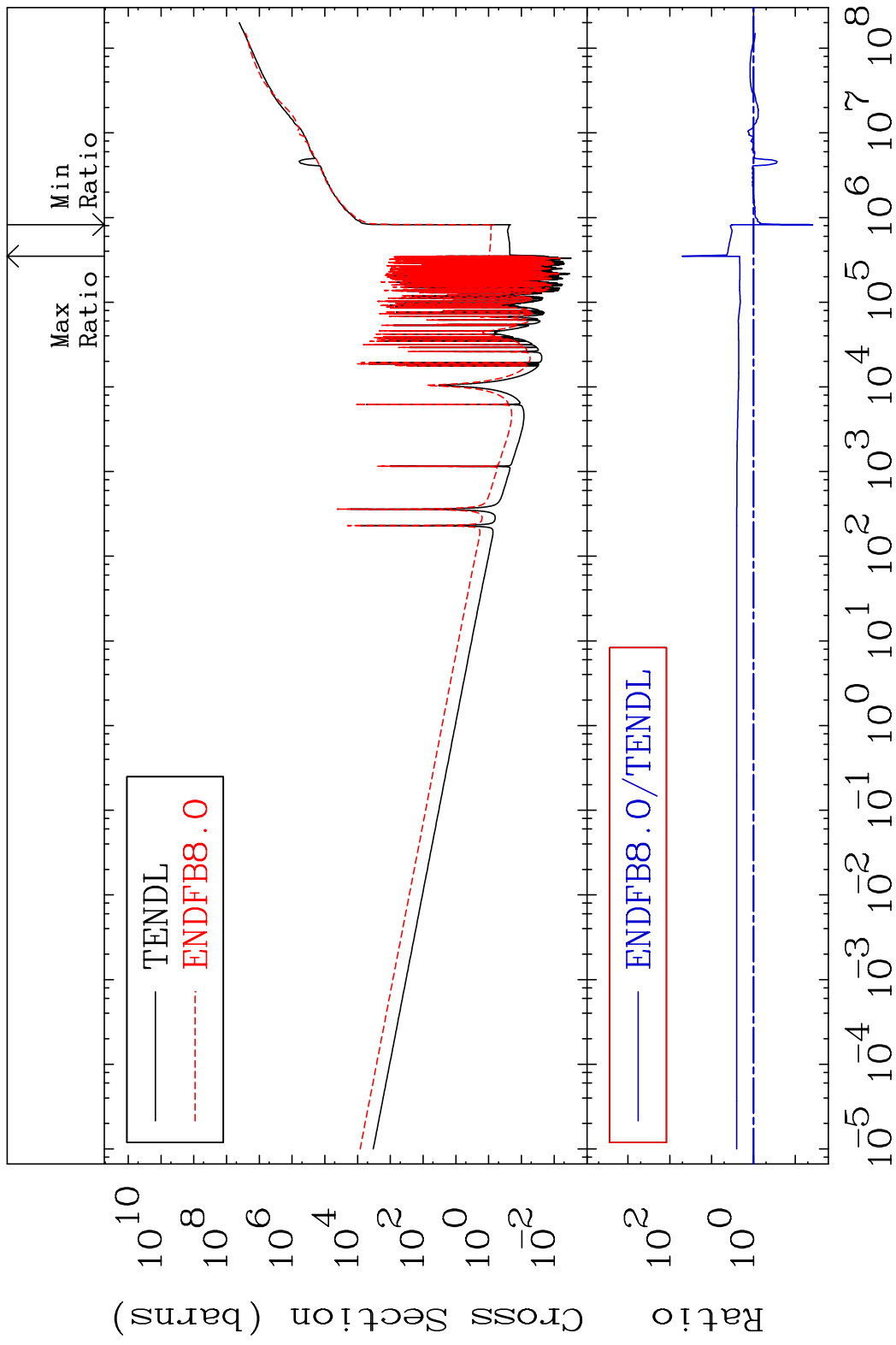
MAT 2637

Kerma elastic
Cross Section

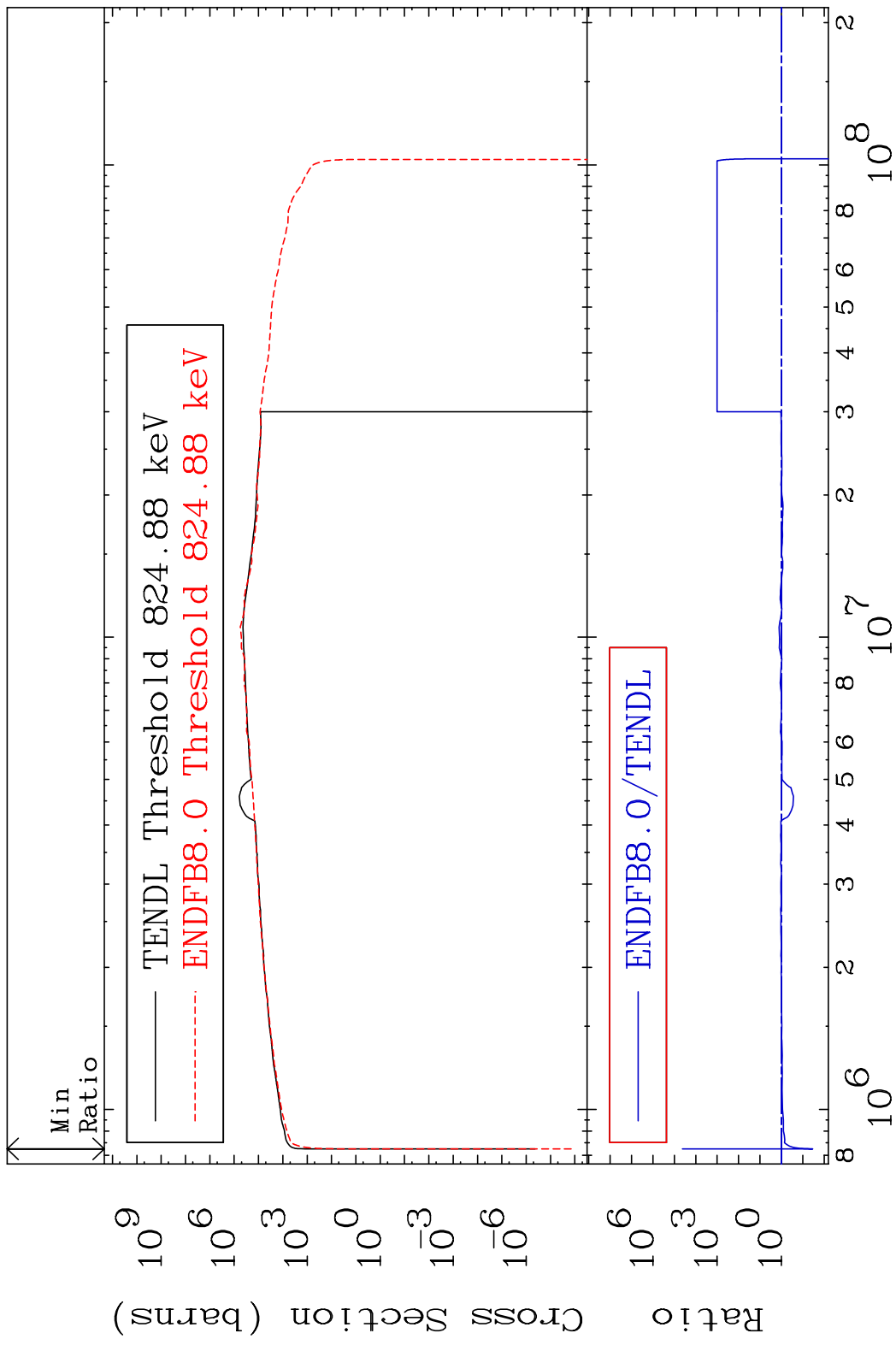
26-Fe-58
-42.24 To 2.366 %



MAT 2637 Kerma non-elastic (all but mt2) 26-Fe-58
 Cross Section -96.14 To 4914. %

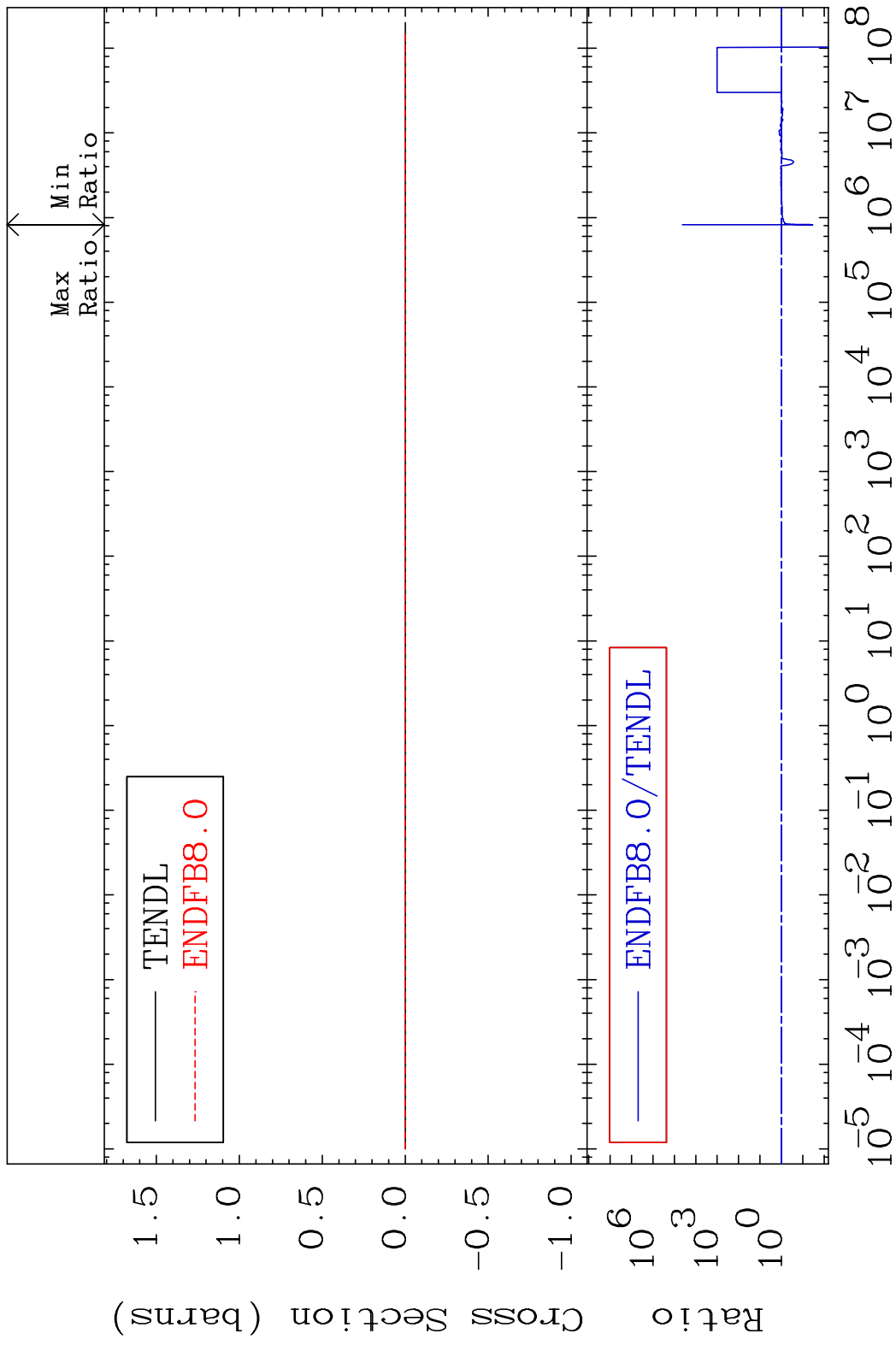


MAT 2637 Kerma inelastic (mt51-91) 26-Fe-58
 Cross Section -96.51 To 9999. %



48 Incident Energy (eV) 26-Fe-58

MAT 2637 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-58
 Cross Section -96.51 To 9999. %

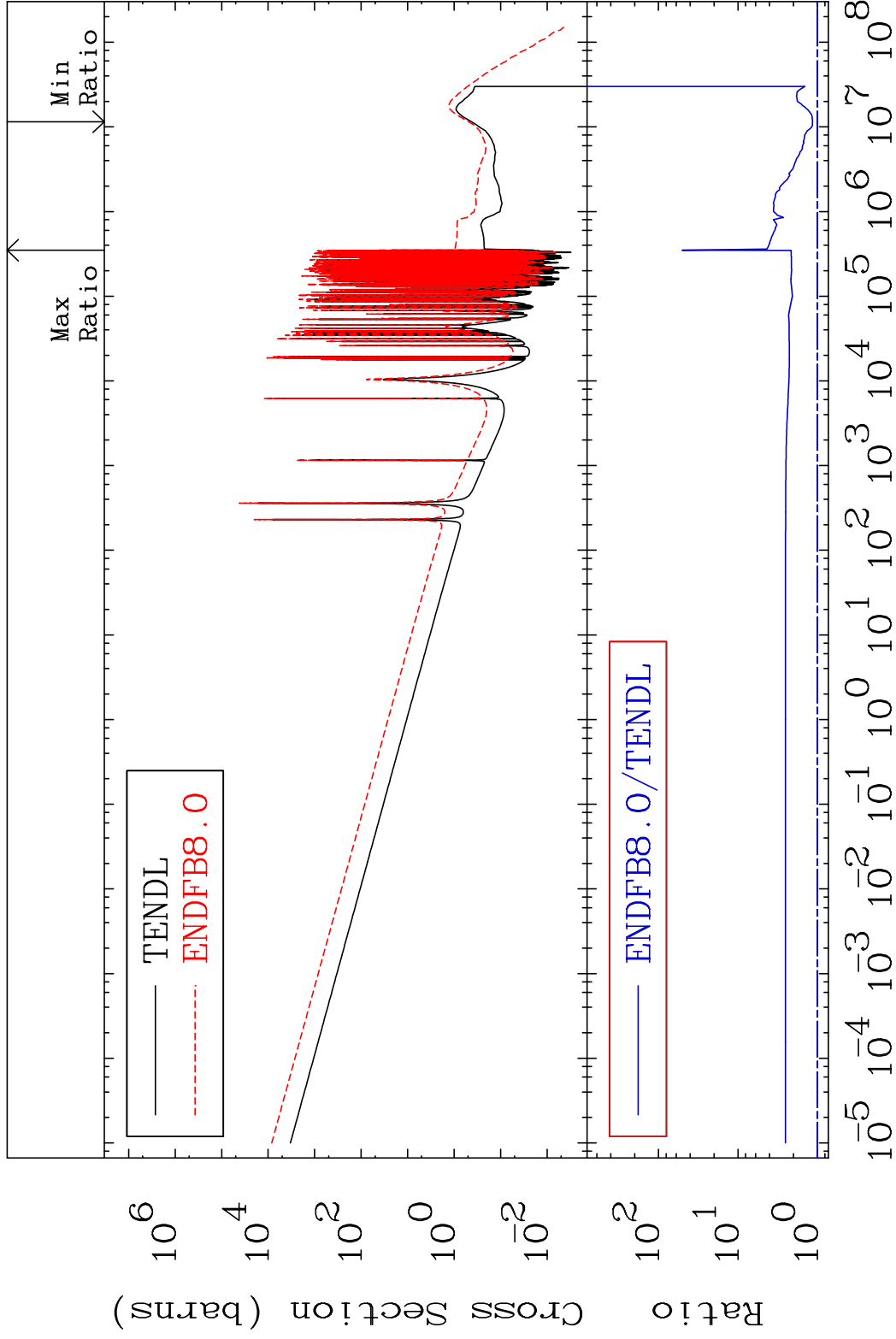


MAT 2637

Kerma capture (mt102)

²⁶Fe-58

Cross Section 14.88 To 4914. %



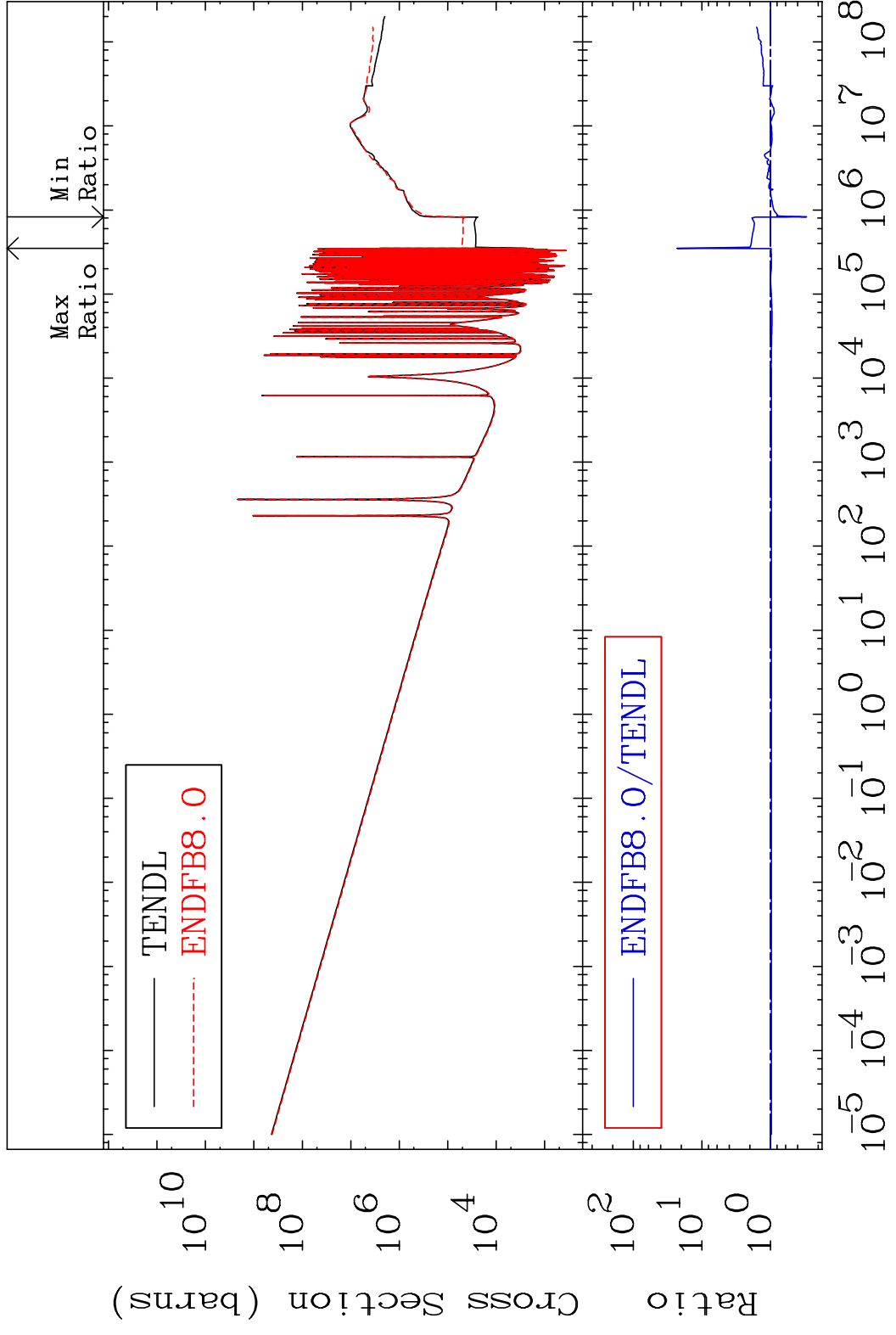
50

Incident Energy (eV)

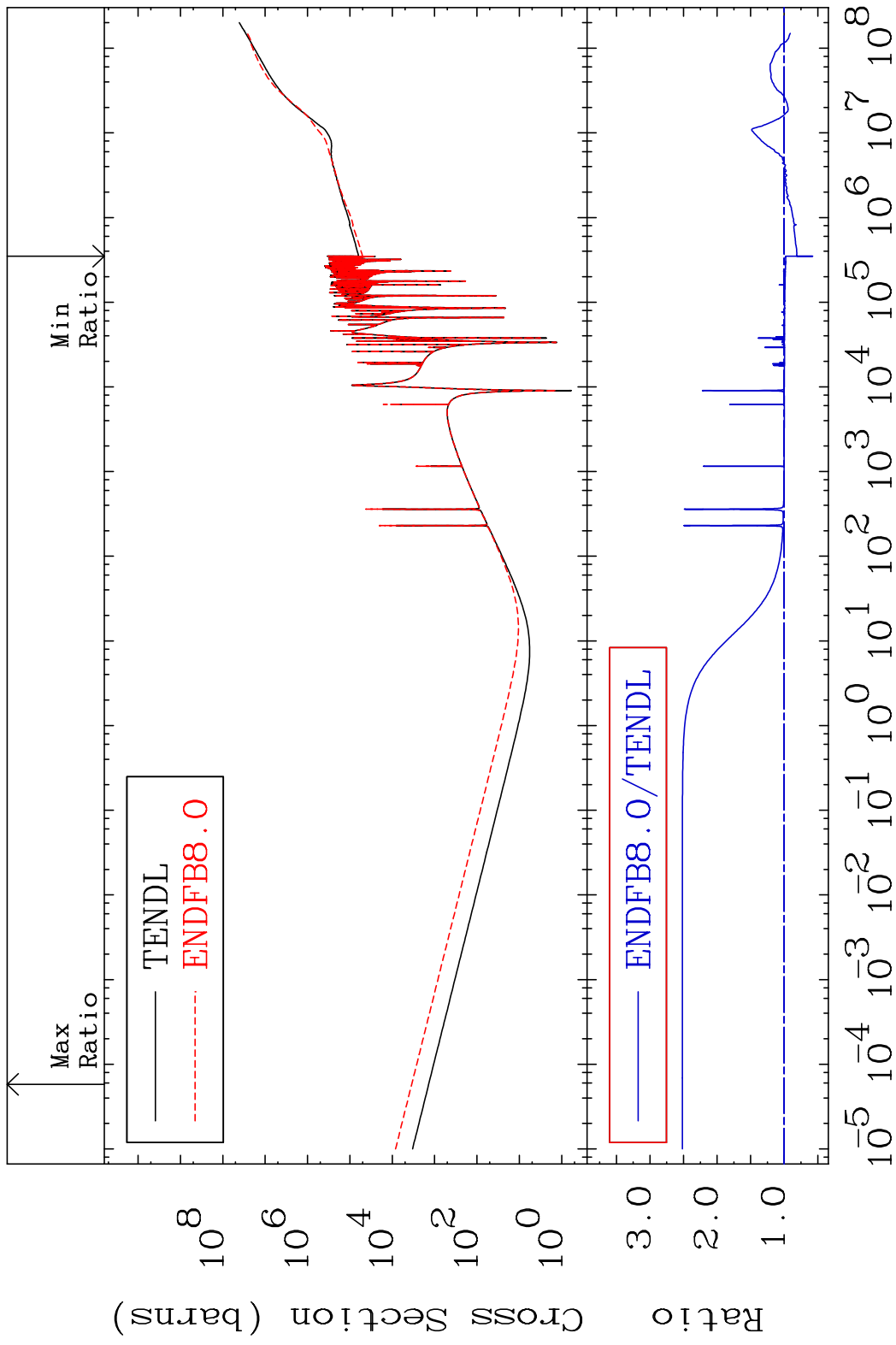
²⁶Fe-58

MAT 2637

Total photon (eV-barns) 26-Fe-58
Cross Section -70.16 To 2194. %



MAT 2637 Total kinematic kerma (high limit) 26-Fe-58
 Cross Section -42.24 To 151.7 %



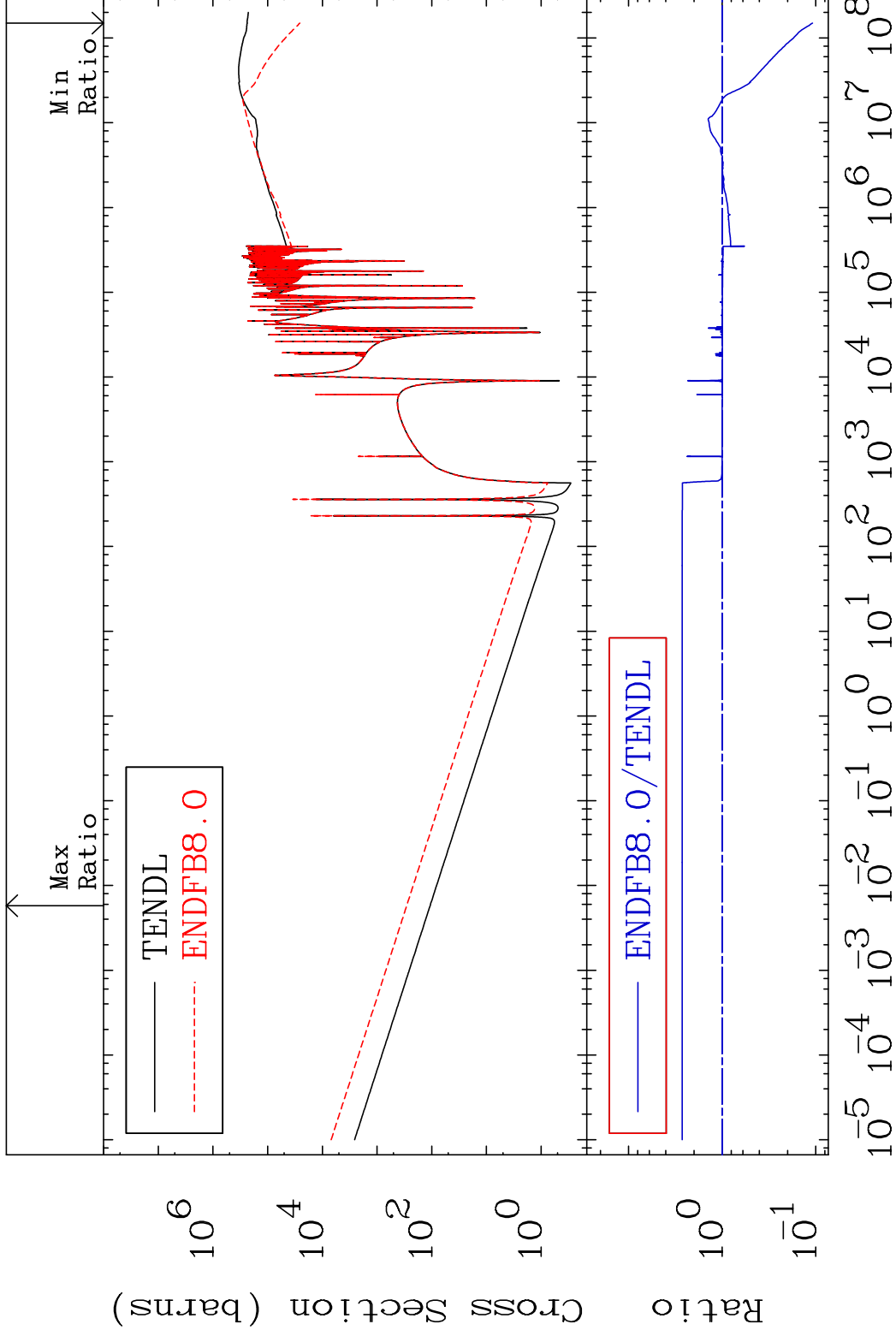
MAT 2637

Dpa total (eV-barns)

26-Fe-58

Cross Section

-89.17 To 167.7 %



53

Incident Energy (eV)

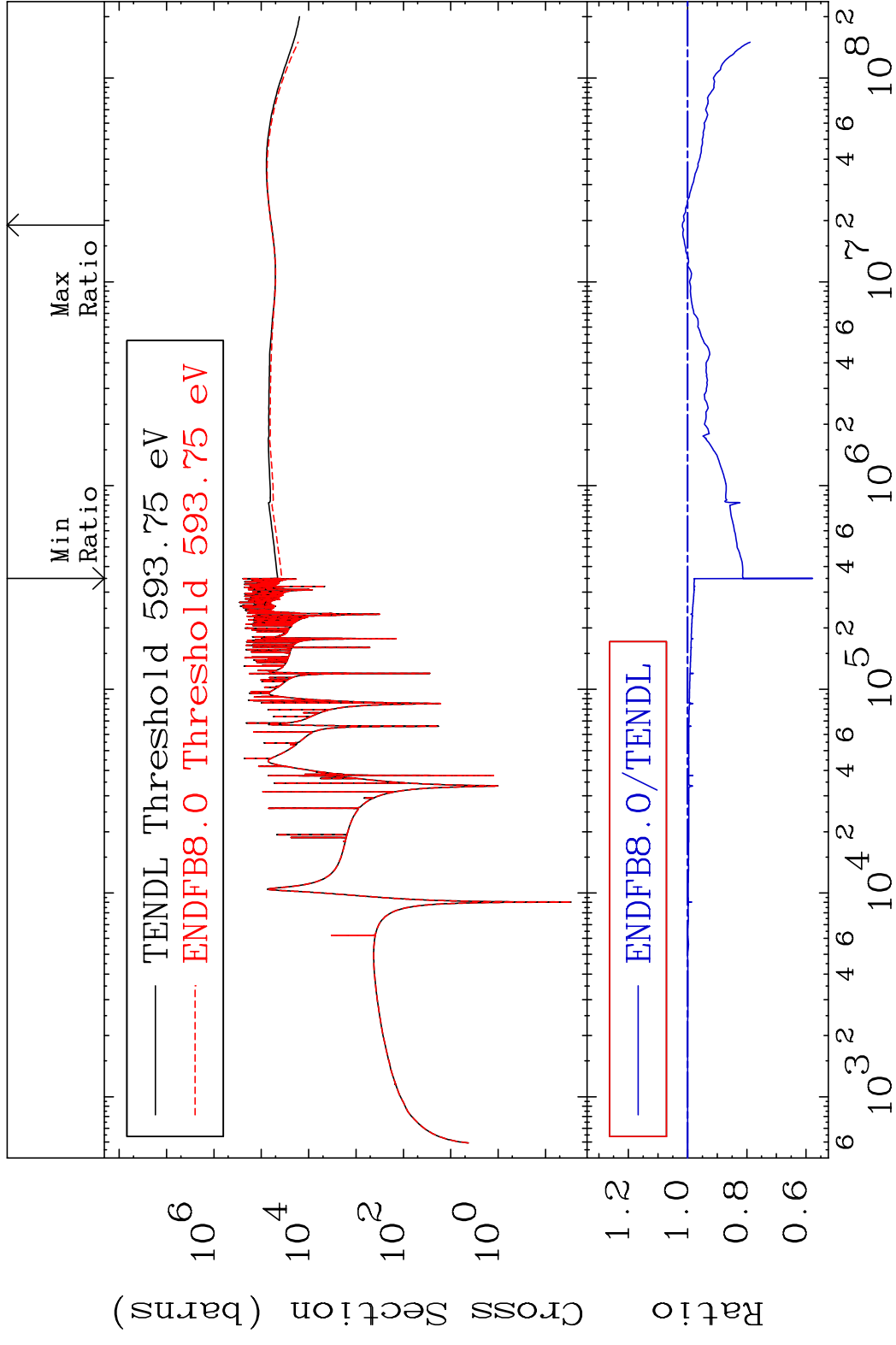
26-Fe-58

MAT 2637

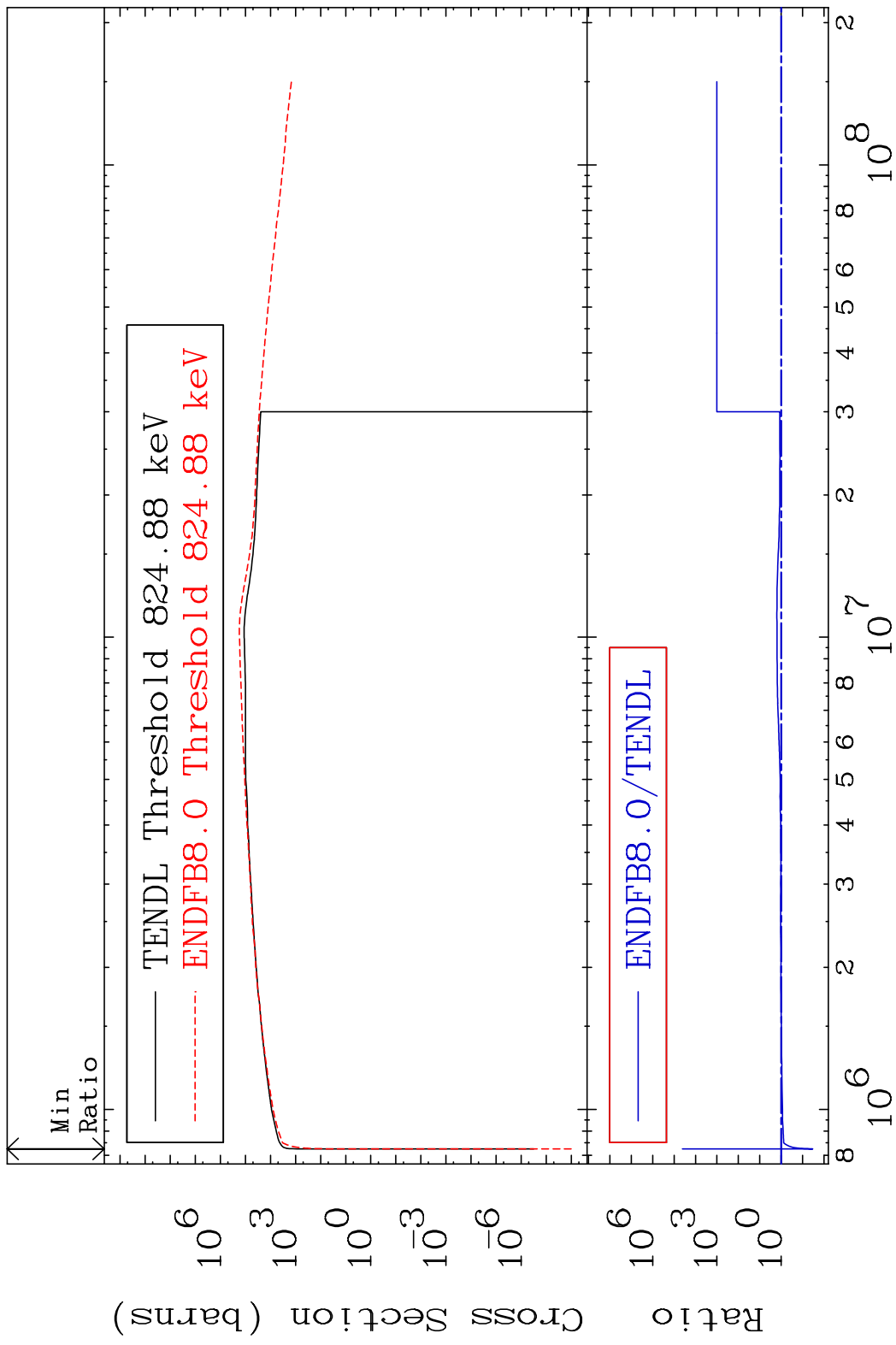
Dpa elastic (mt2)

²⁶Fe-58

Cross Section -42.21 To 1.781 %

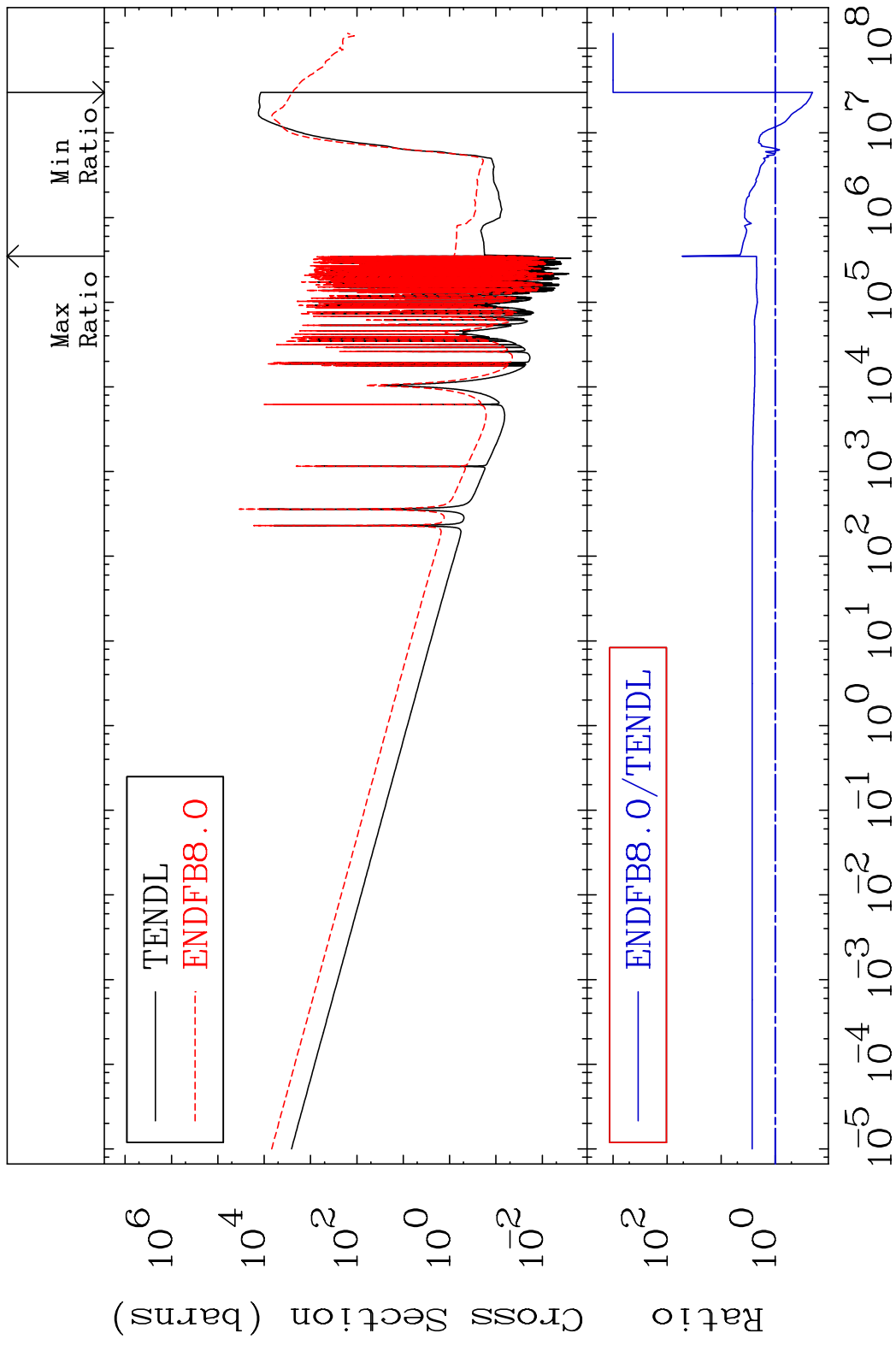


MAT 2637 Dpa inelastic (mt51-91) 26-Fe-58
 Cross Section -96.59 To 9999. %

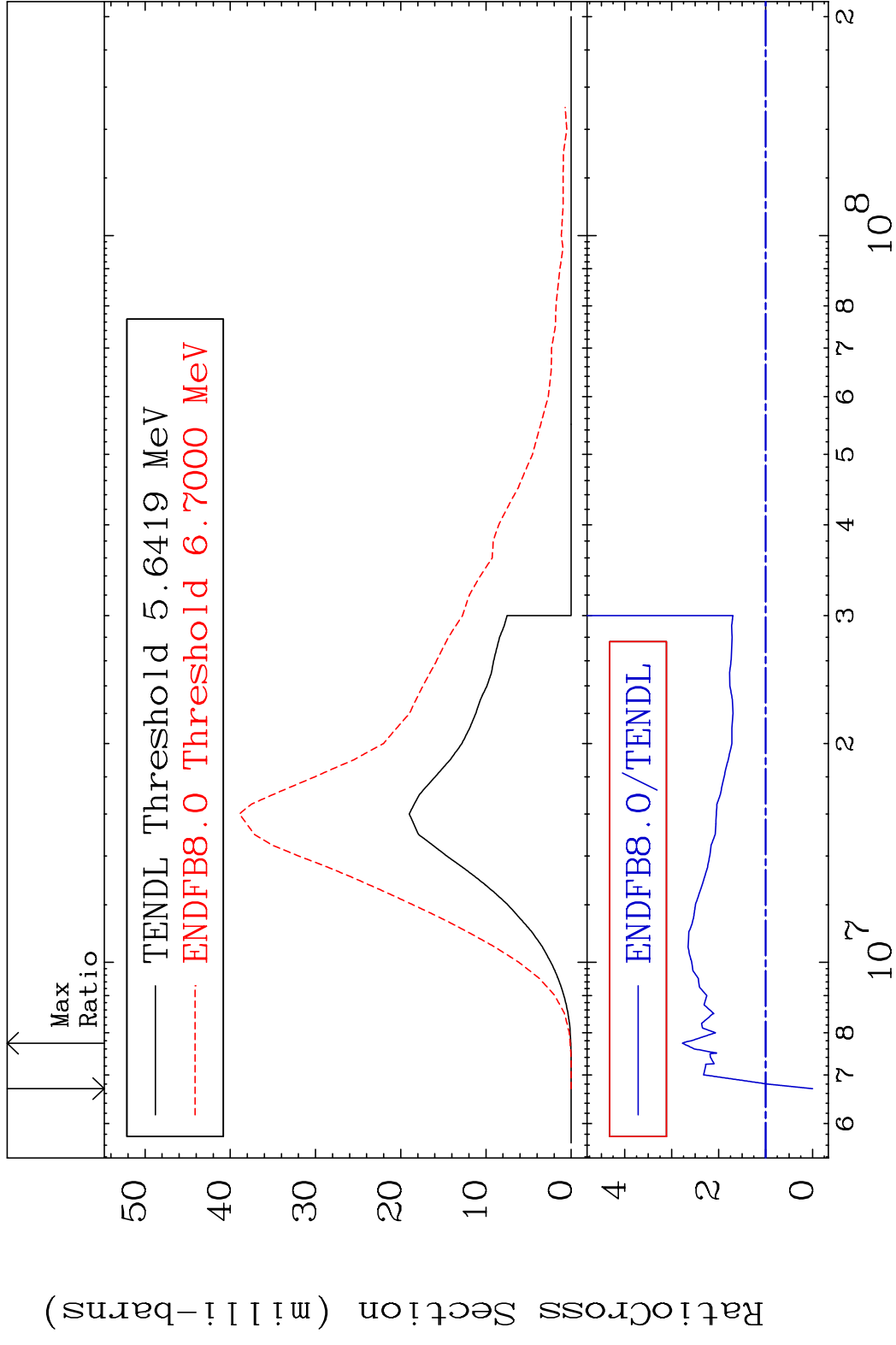


55 Incident Energy (eV) 26-Fe-58

MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58
 Cross Section -79.59 To 5111. %



MAT 2637 (n, p) : 25-Mn-58g 26-Fe-58
 Radionuclide Production Cross Section 180.0 mb 177.4 %



MAT 2637 (n,p):25-Mn-58m1 26-Fe-58
 Radionuclide Production Cross Section 180.0 dth 200.0 %

