

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

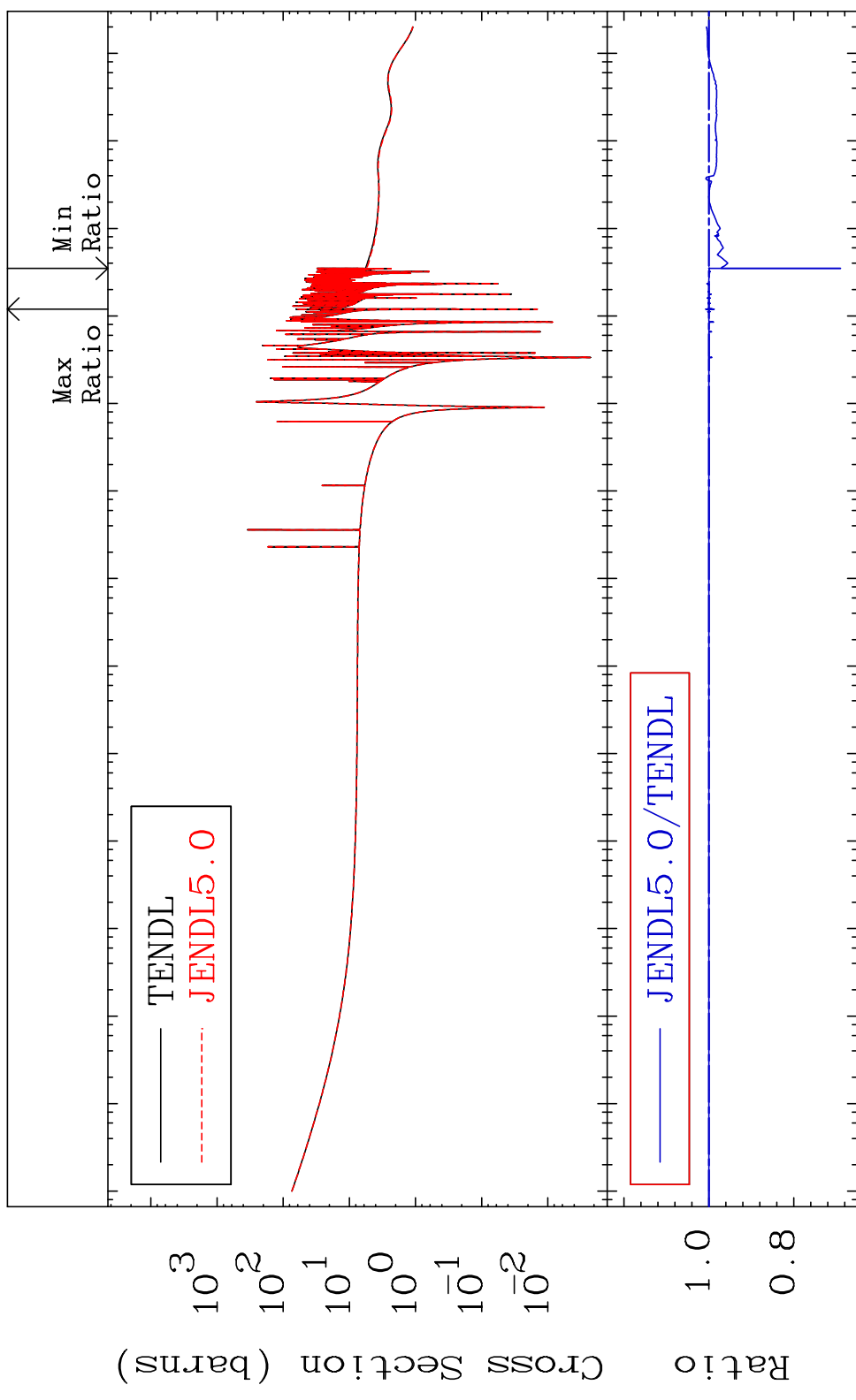
MAT 2637

Total

26-Fe-58

Cross Section

-30.96 To 0.736 %



1

Incident Energy (eV)

26-Fe-58

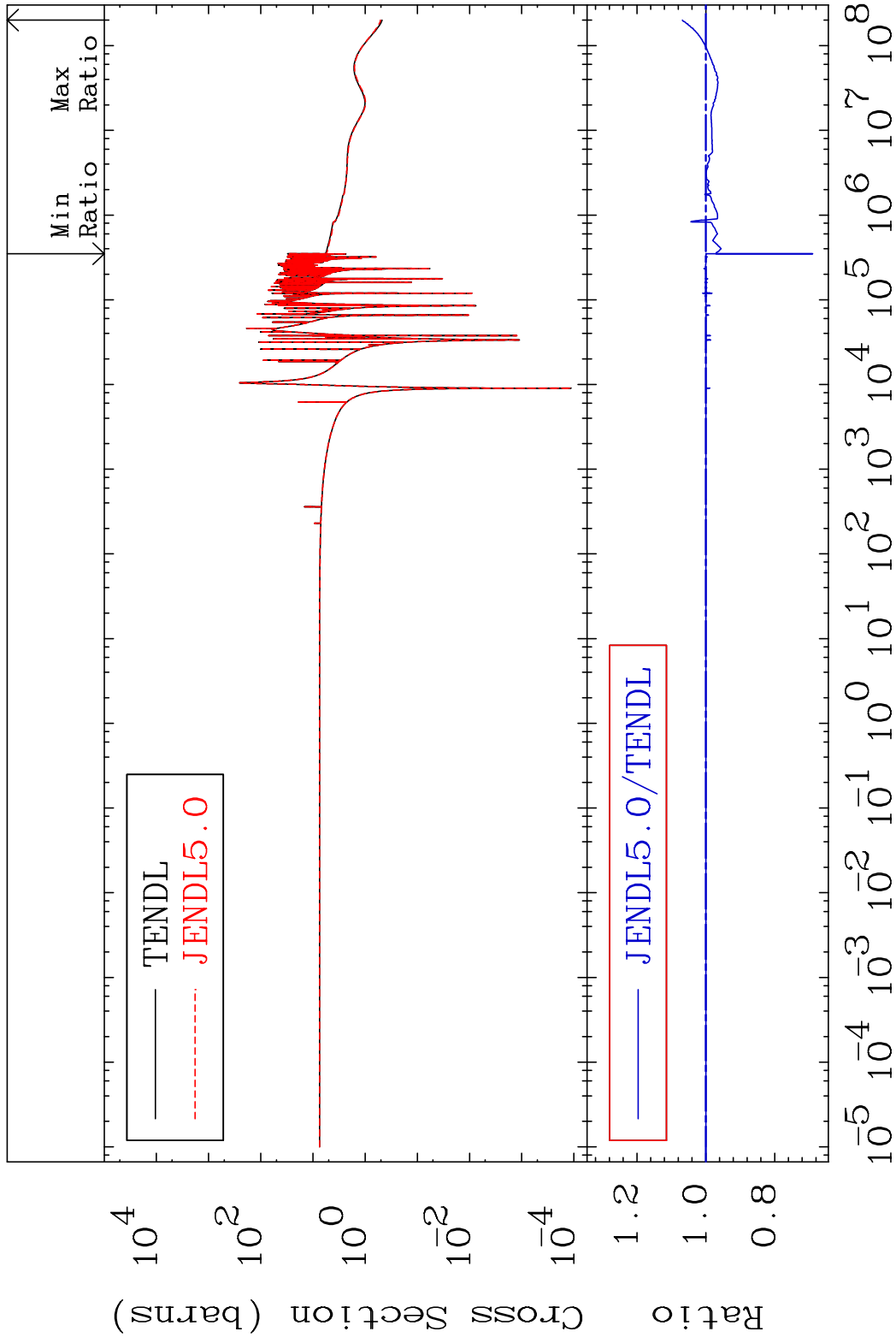
MAT 2637

Elastic

²⁶Fe-58

Cross Section

-31.00 To 6.804 %



2

Incident Energy (eV)

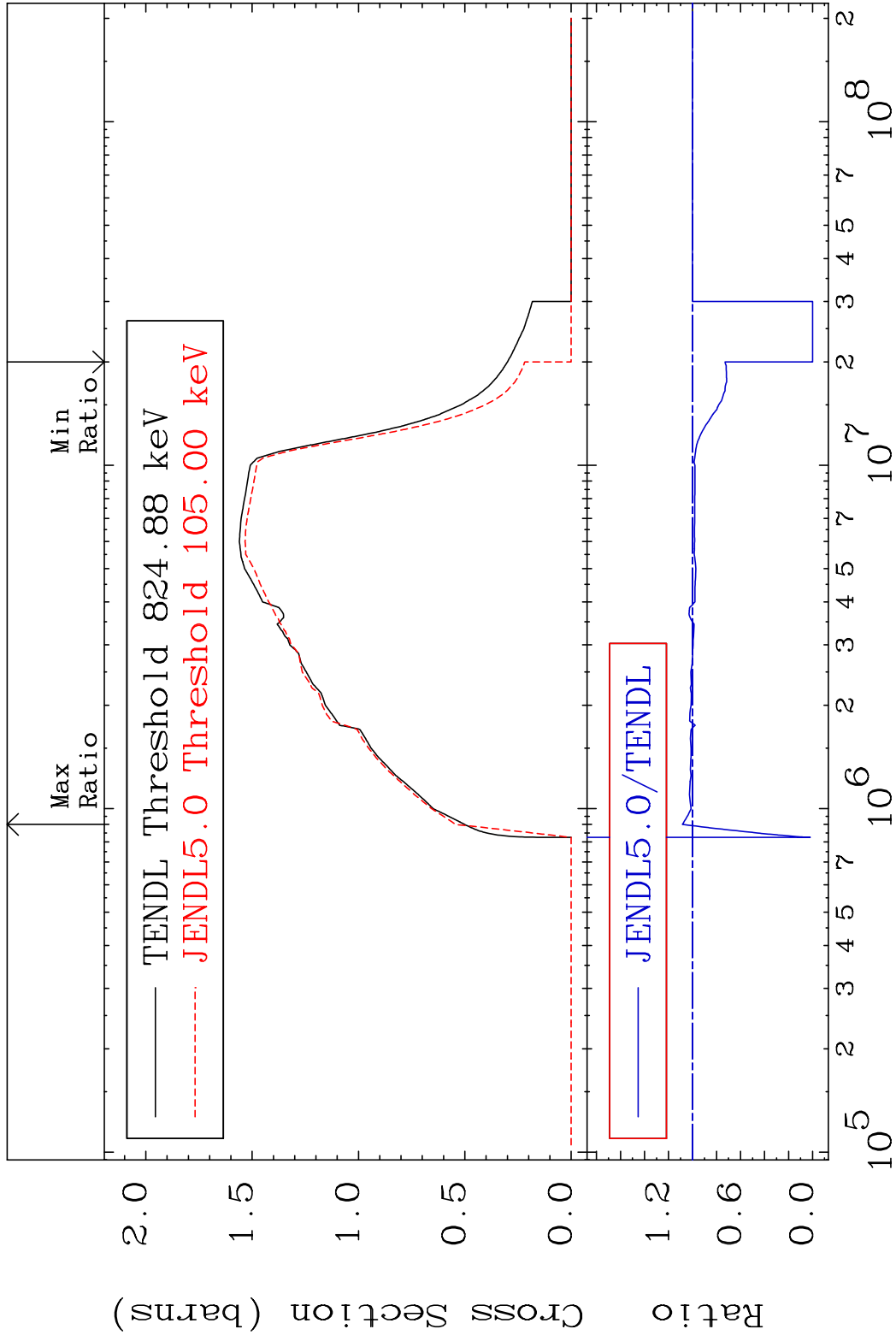
²⁶Fe-58

MAT 2637

Inelastic

²⁶Fe-58

Cross Section -100.0 To 8.469 %

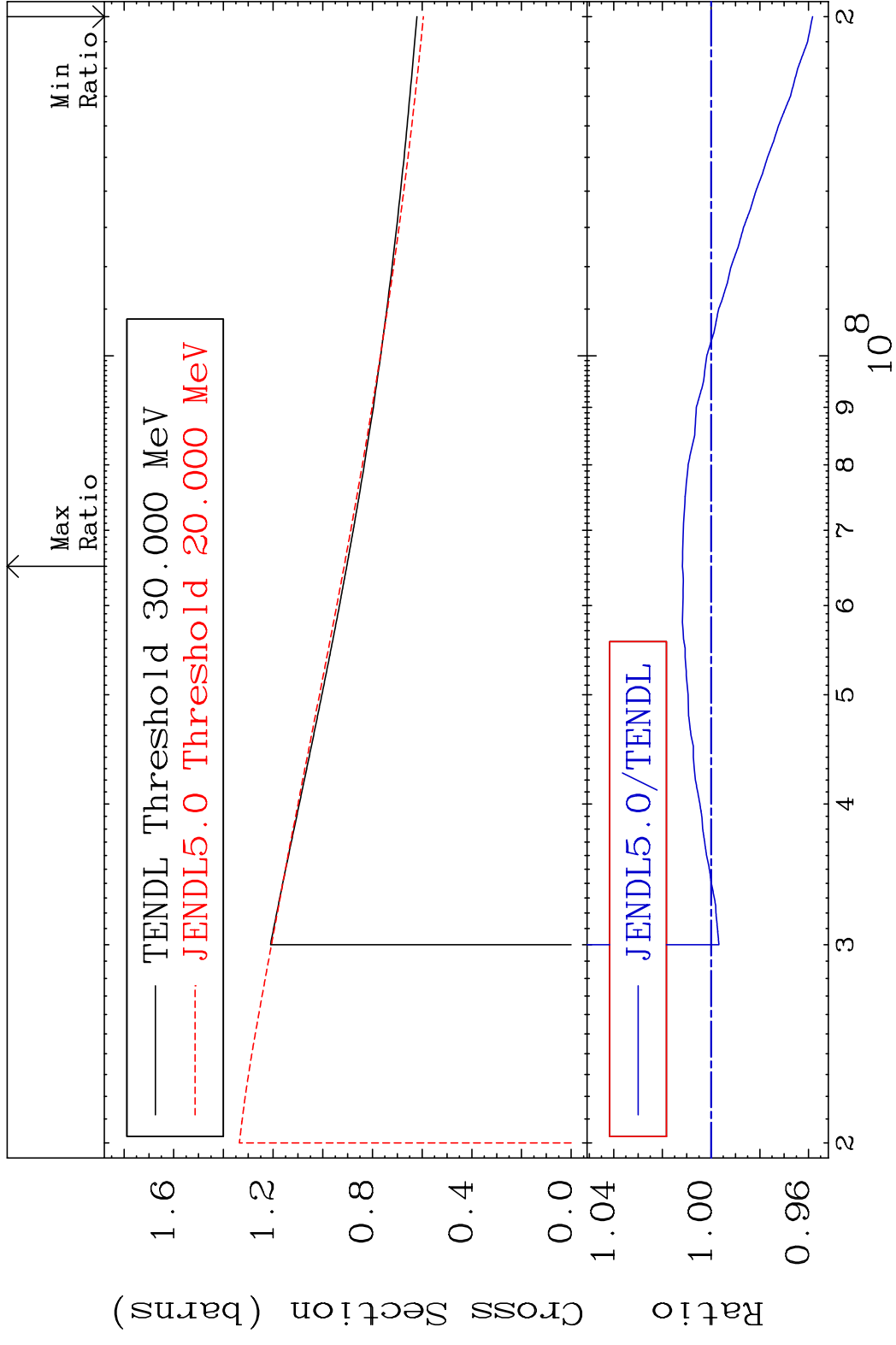


3

Incident Energy (eV)

²⁶Fe-58

MAT 2637 (n, remainder) 26-Fe-58
 Cross Section -4.166 To 1.181 %



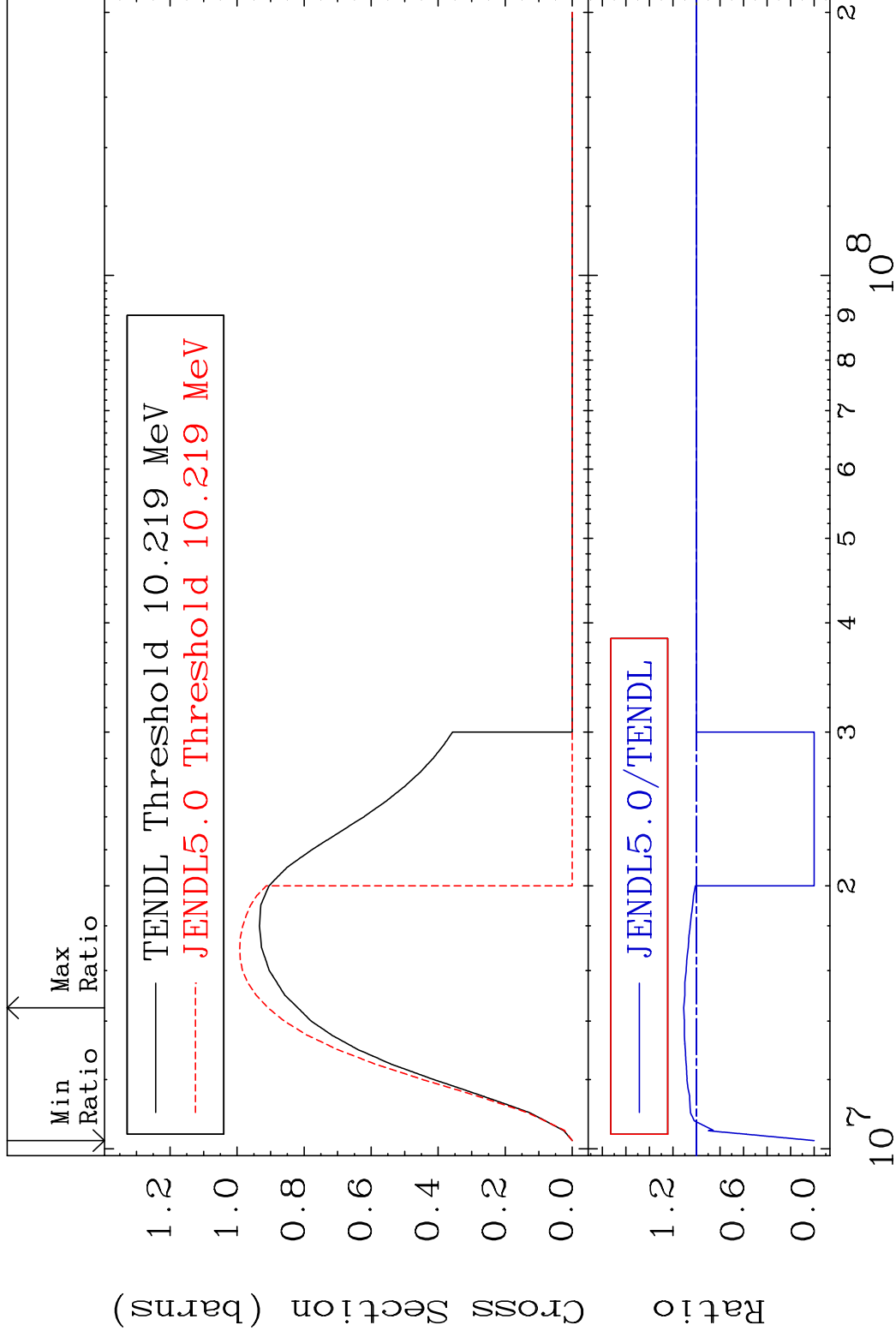
4 Incident Energy (eV) 26-Fe-58

MAT 2637

(n,2n)

²⁶Fe-58

Cross Section -100.0 To 10.91 %

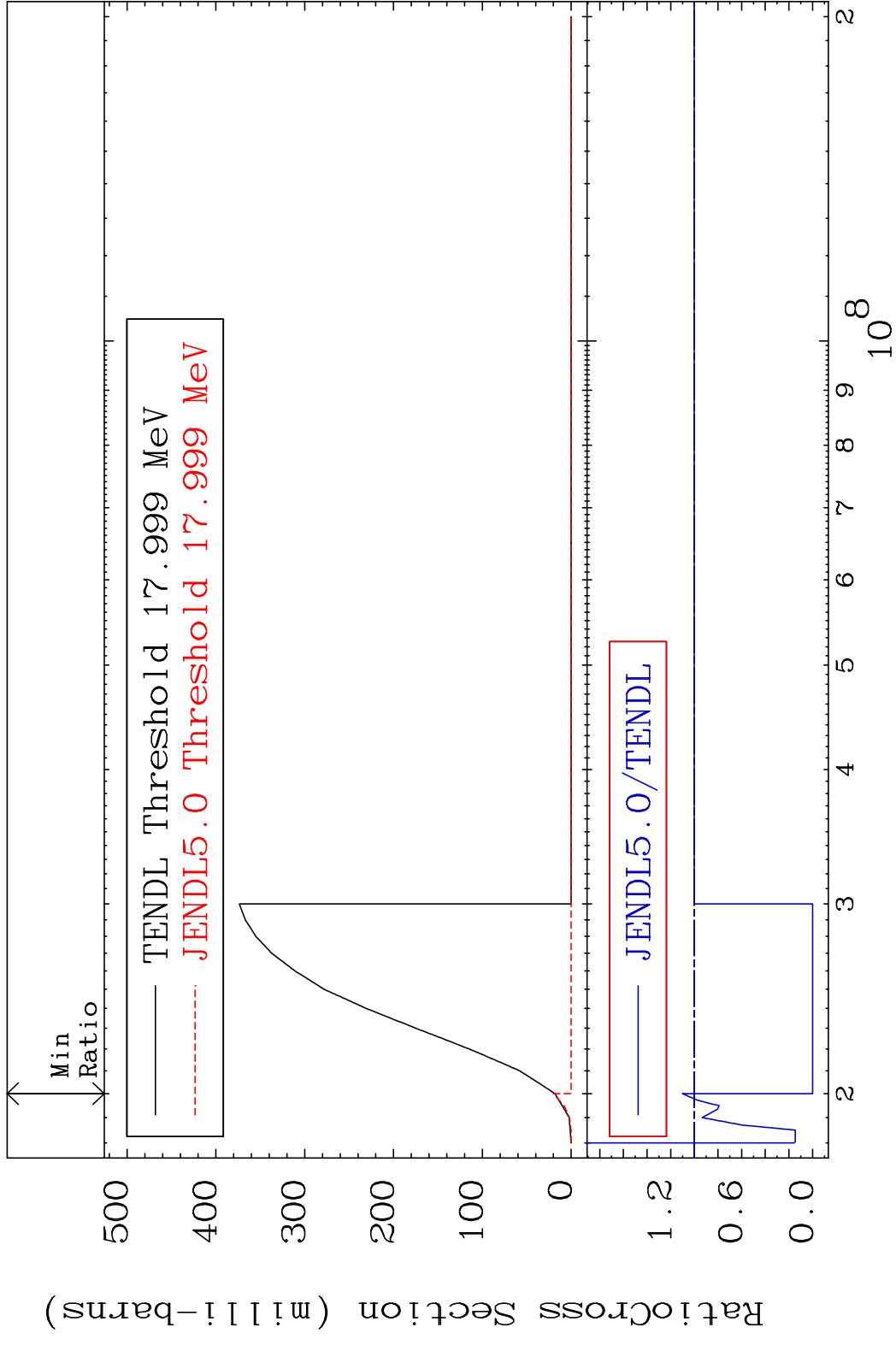


5

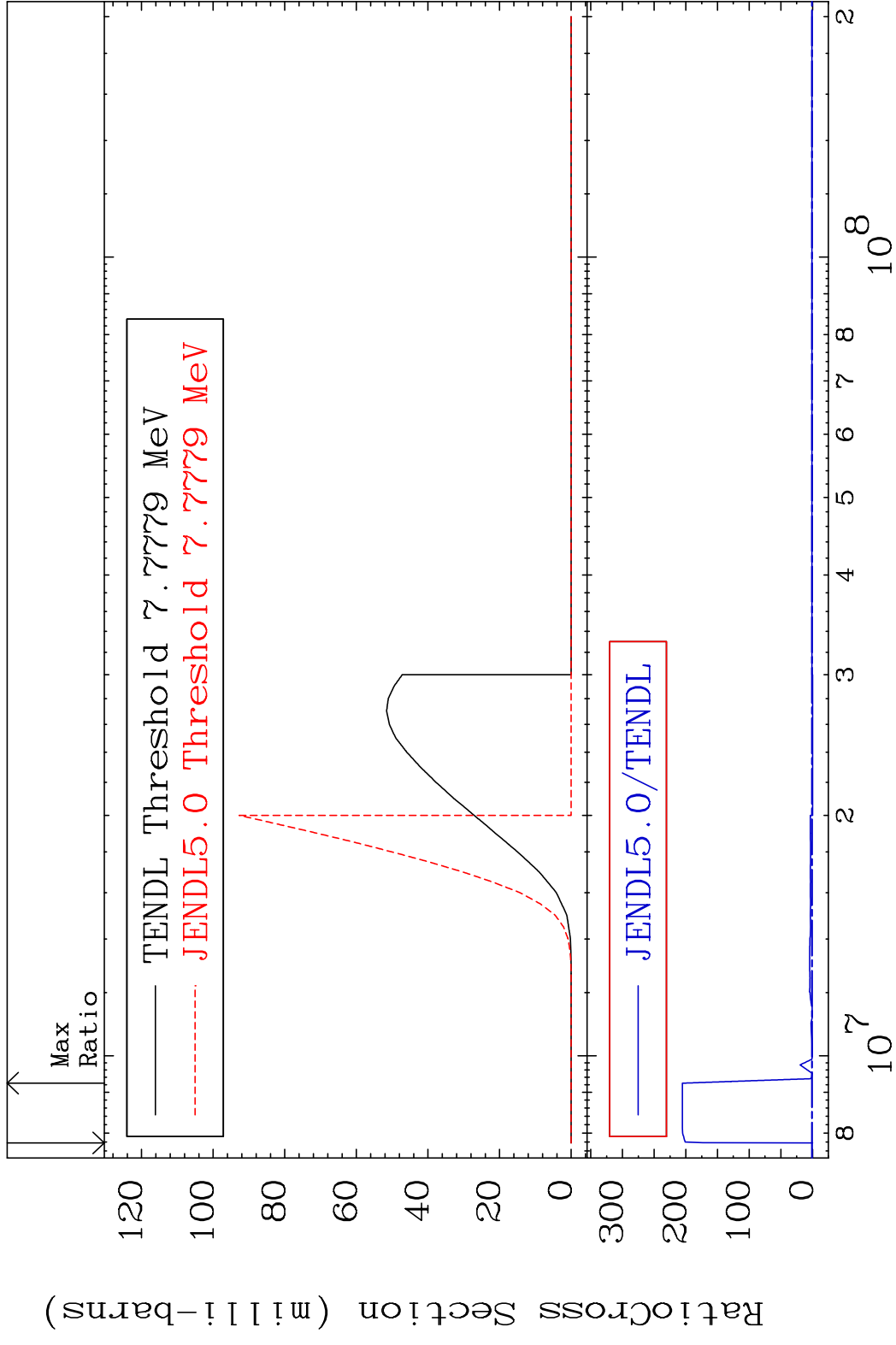
Incident Energy (eV)

²⁶Fe-58

MAT 2637 (n,3n) 26-Fe-58
 Cross Section -100.0 To 10.13 %



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



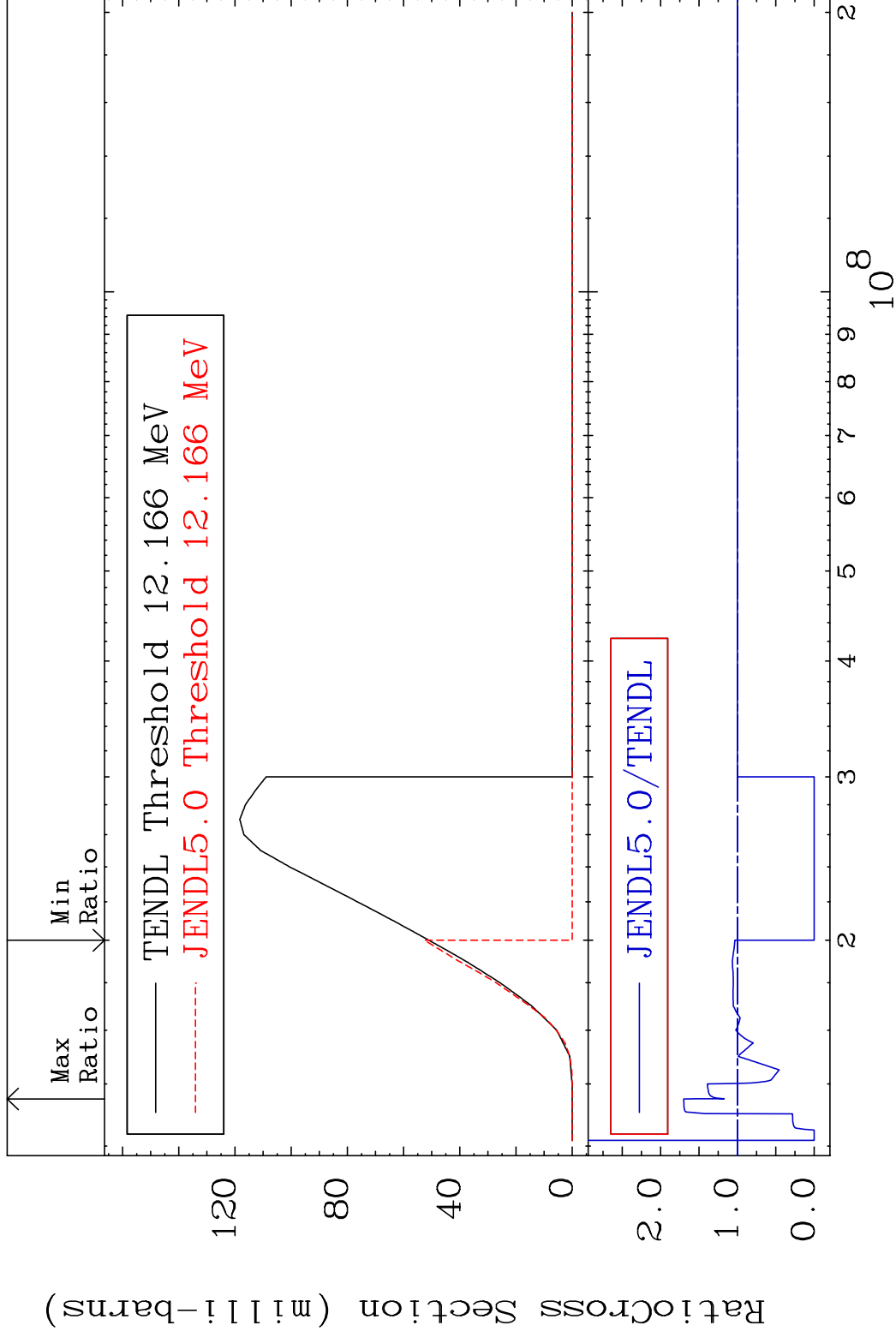
7 Incident Energy (eV) 26-Fe-58

MAT 2637

(n, n') p

²⁶Fe-58

Cross Section -100.0 To 69.95 %

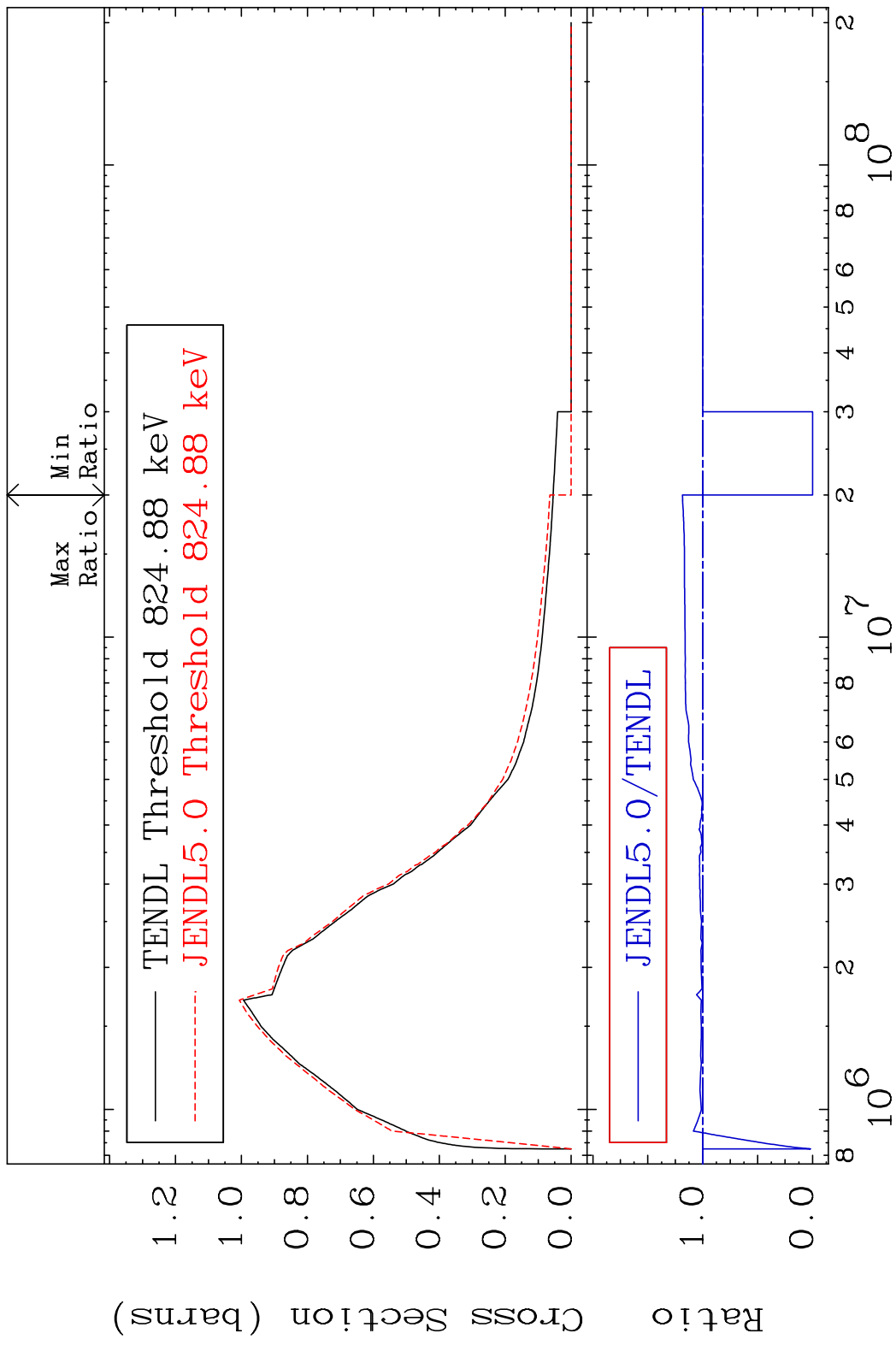


8

Incident Energy (eV)

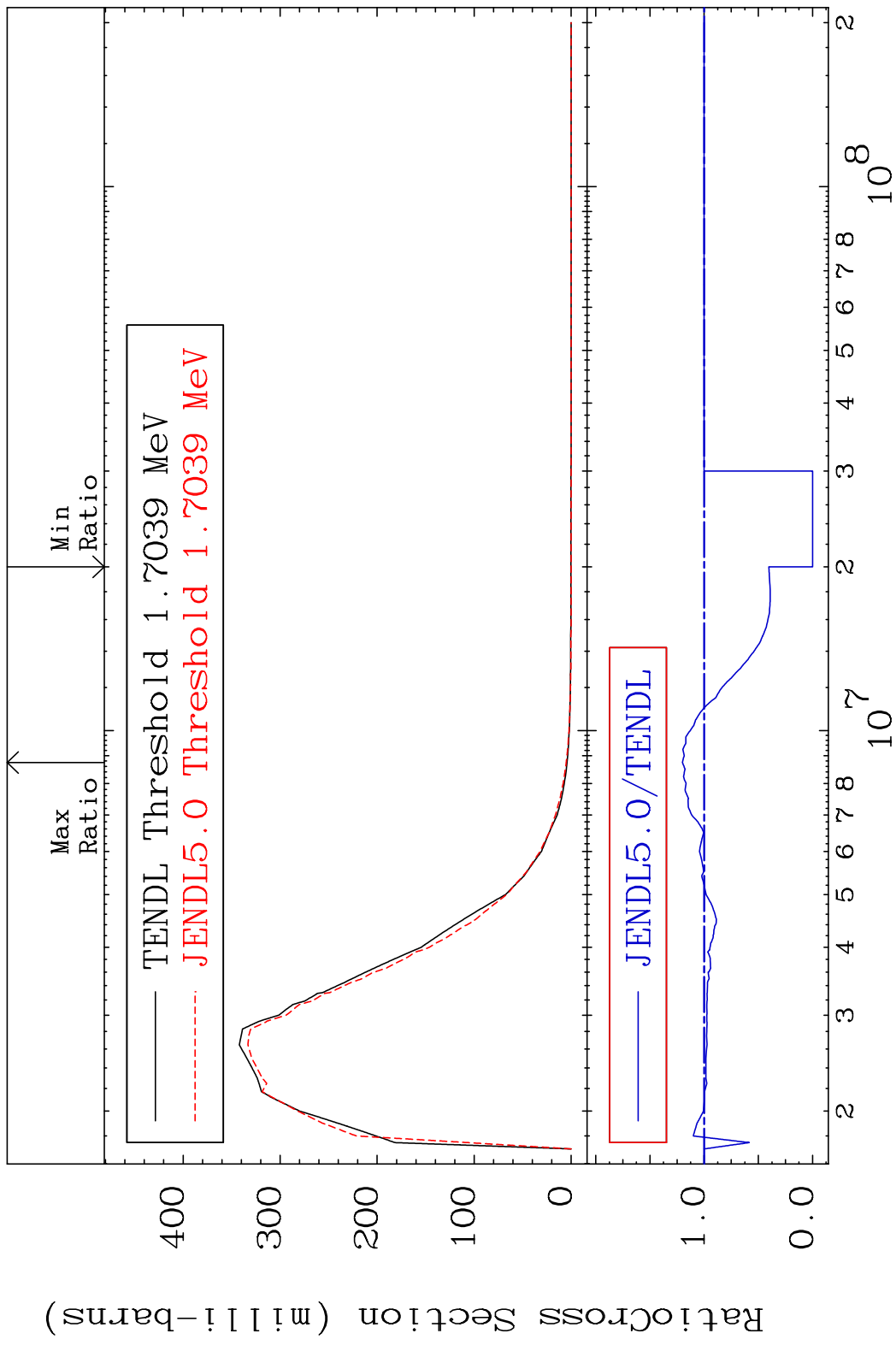
²⁶Fe-58

MAT 2637 MT= 51 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 18.55 %



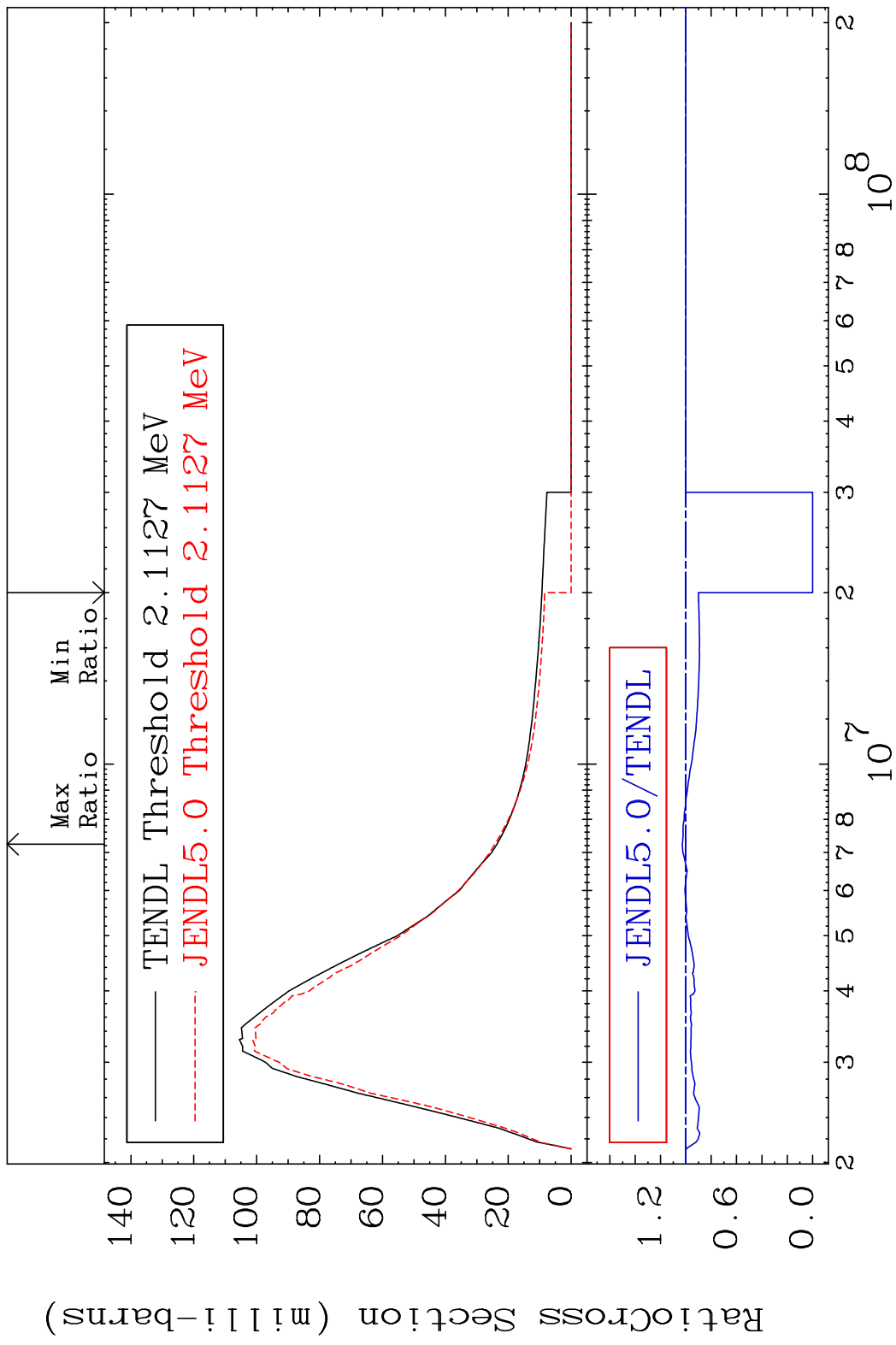
9 26-Fe-58

MAT 2637 MT= 52 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 20.12 %

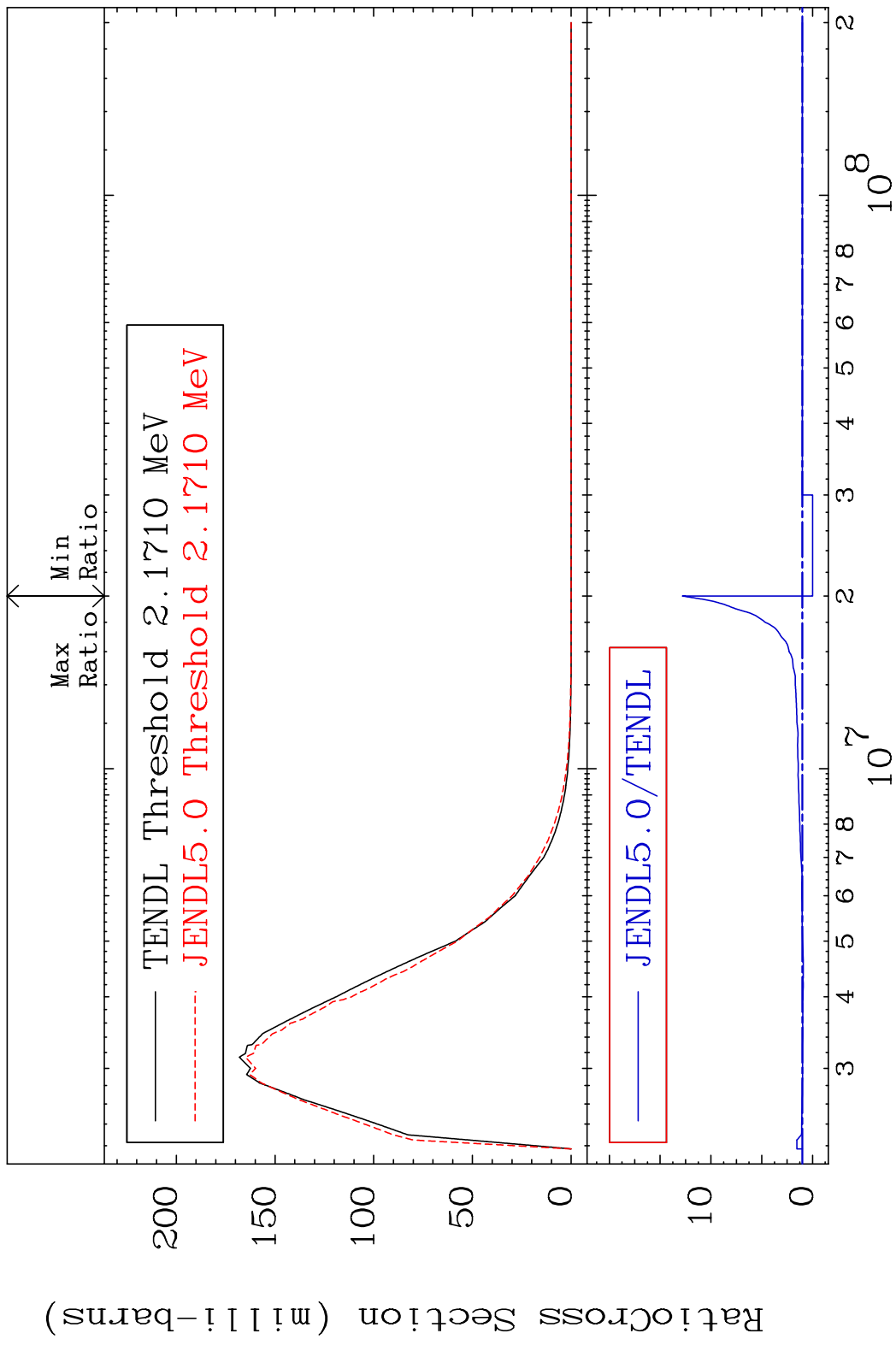


10 Incident Energy (eV) 26-Fe-58

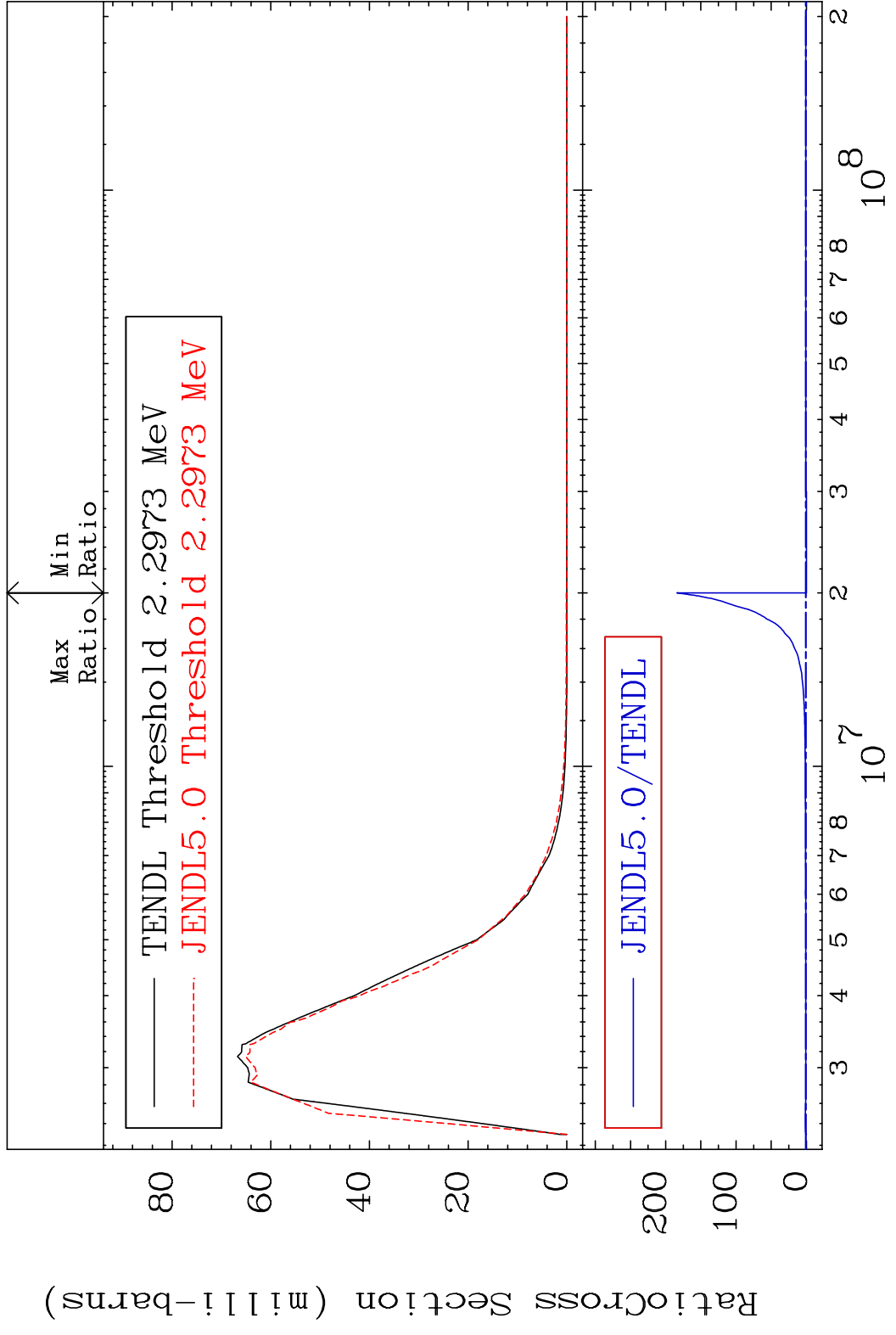
MAT 2637 MT= 53 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 2.780 %



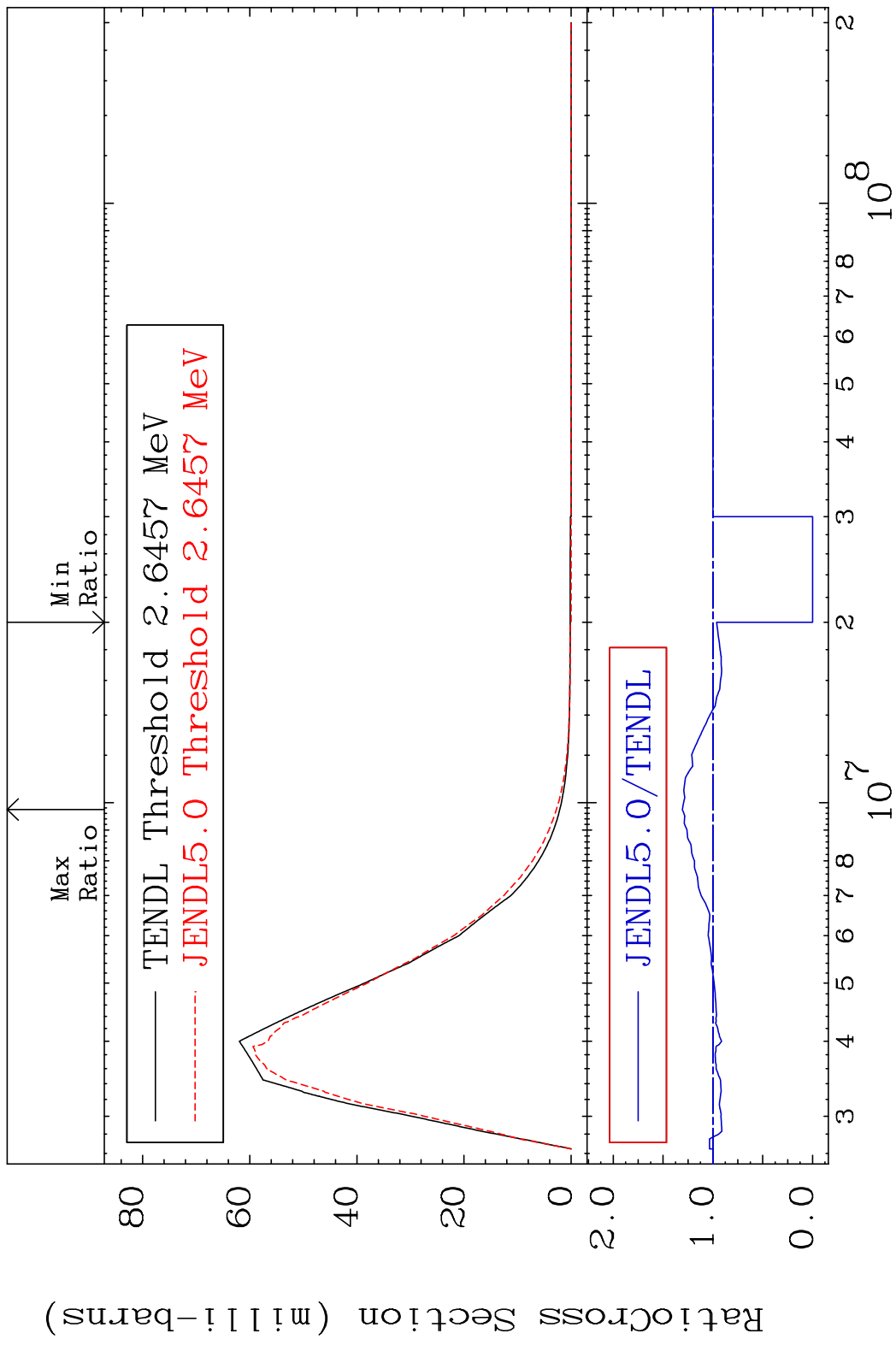
MAT 2637 MT= 54 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 1181. %



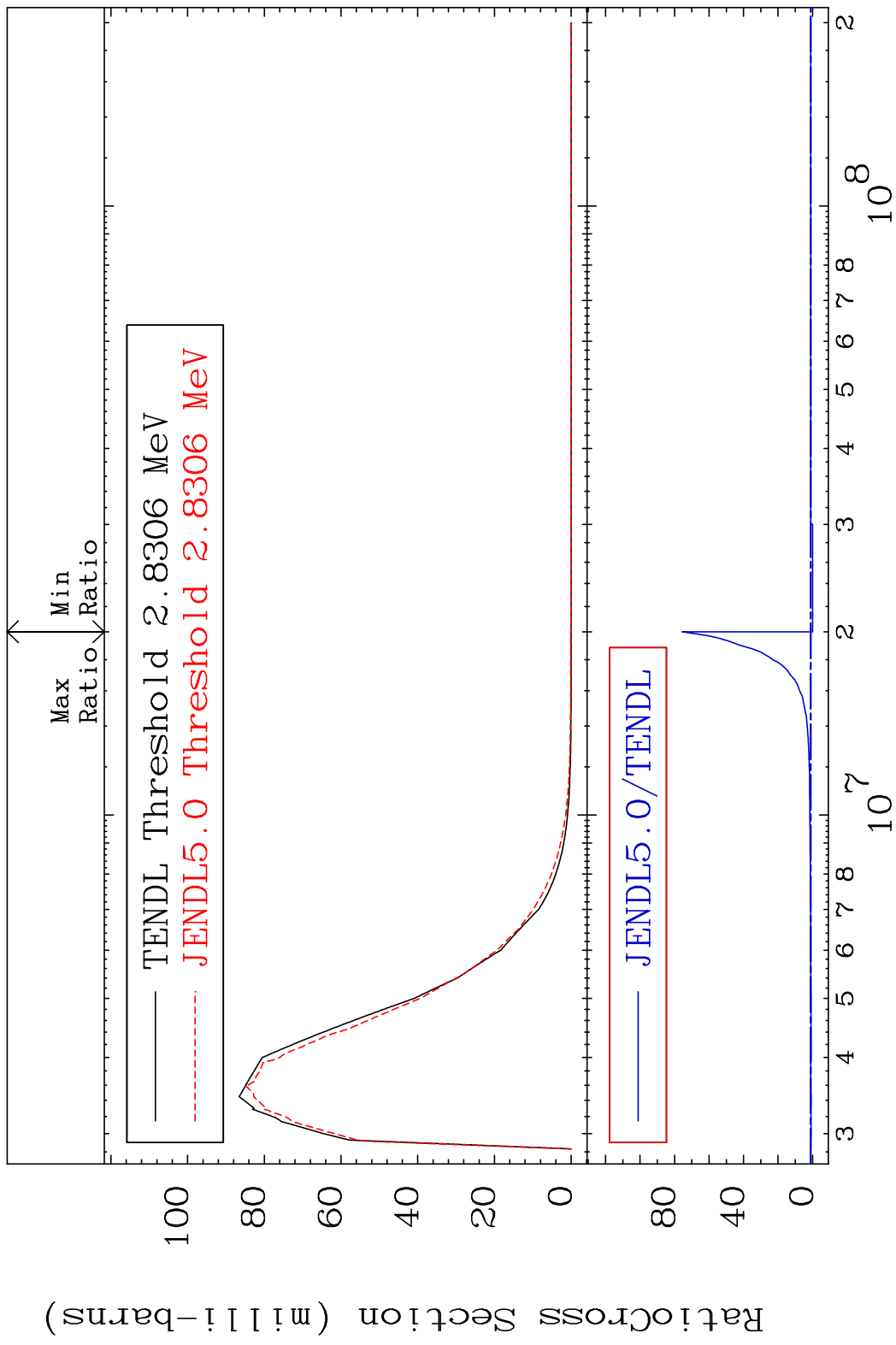
MAT 2637 MT= 55 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 9999. %



MAT 2637 MT= 56 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 30.65 %

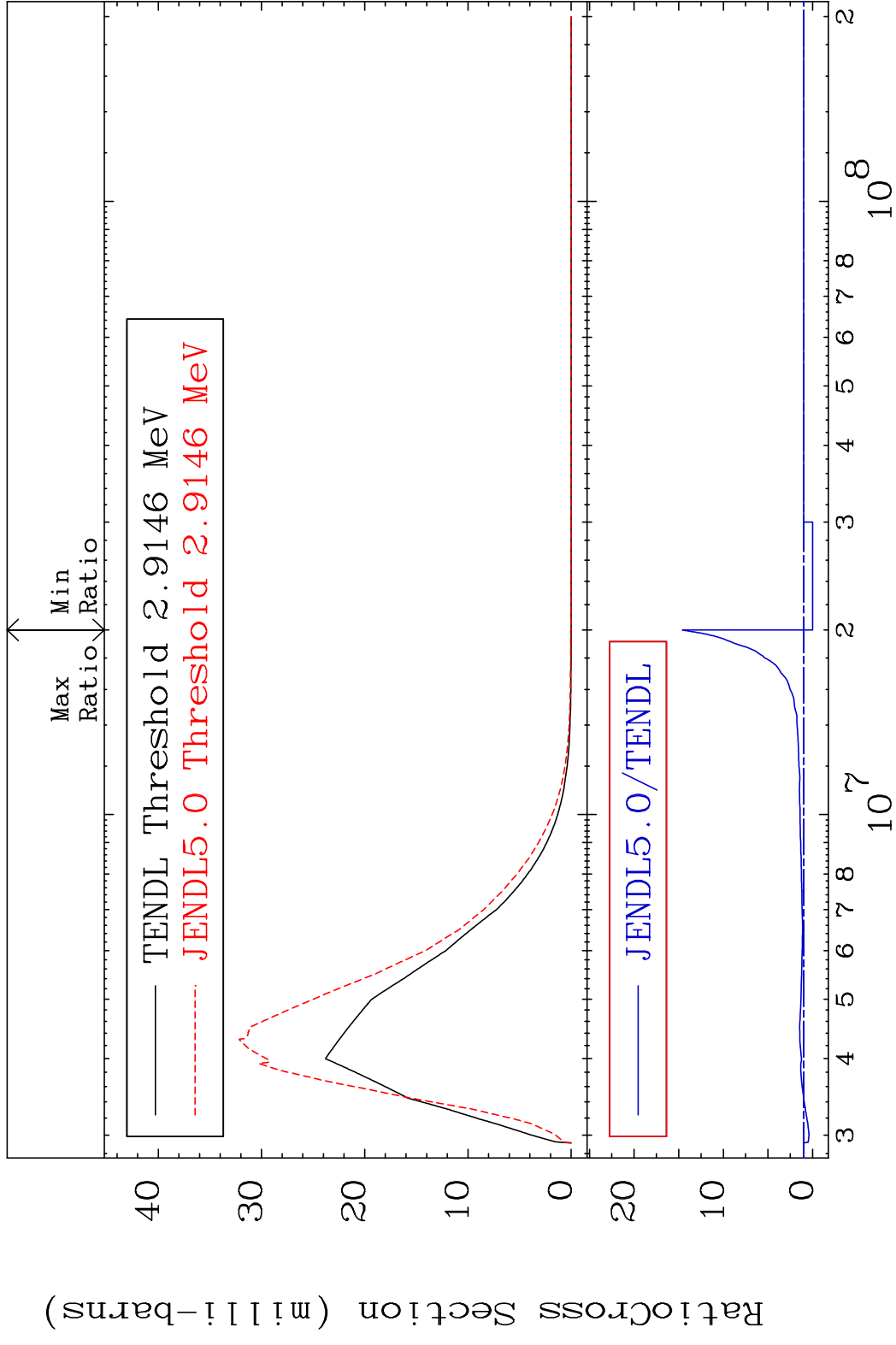


MAT 2637 MT= 57 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 7448. %



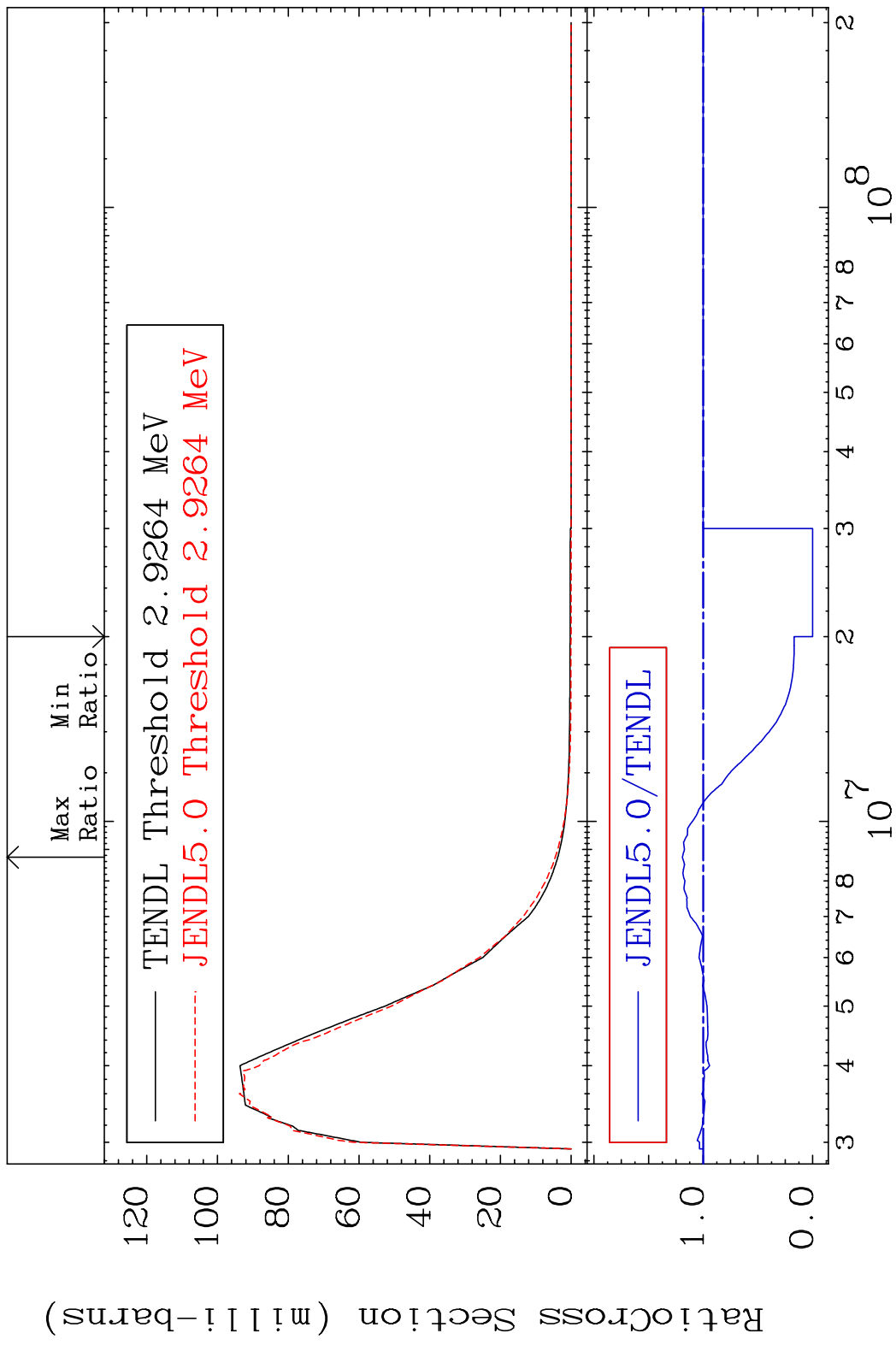
15 26-Fe-58

MAT 2637 MT= 58 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 1359. %



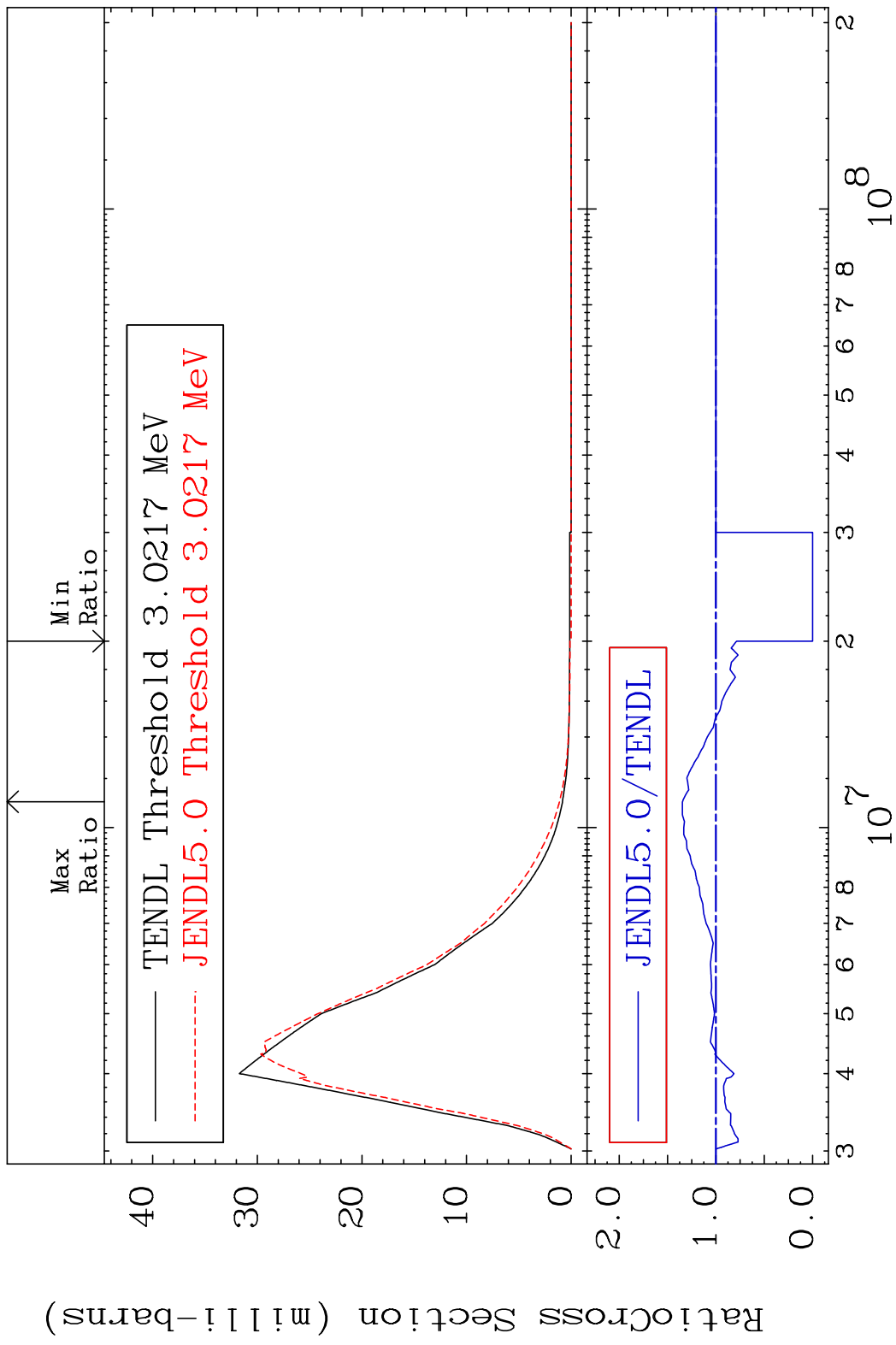
16 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 59 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 19.12 %

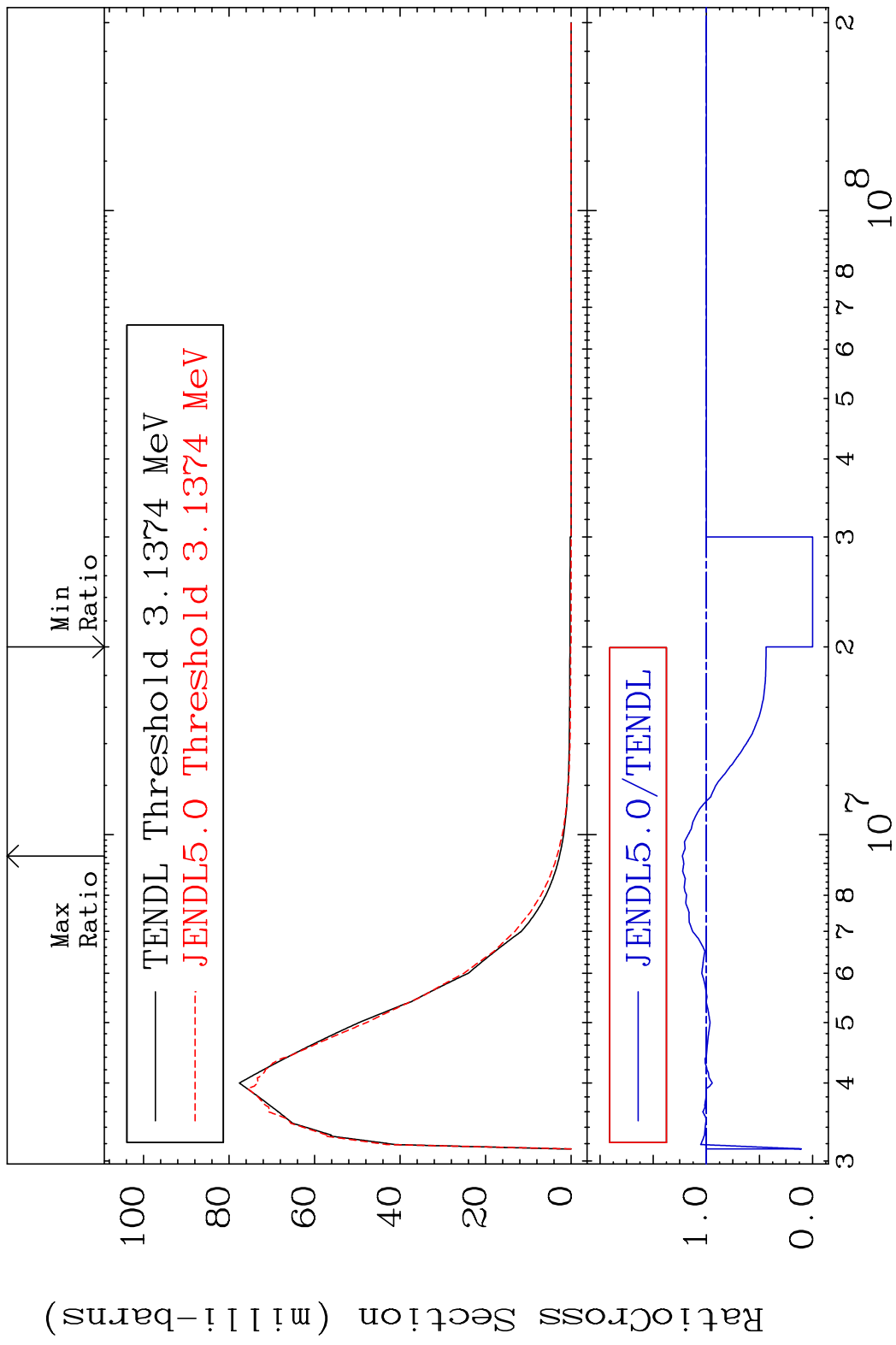


17 Incident Energy (eV) 26-Fe-58

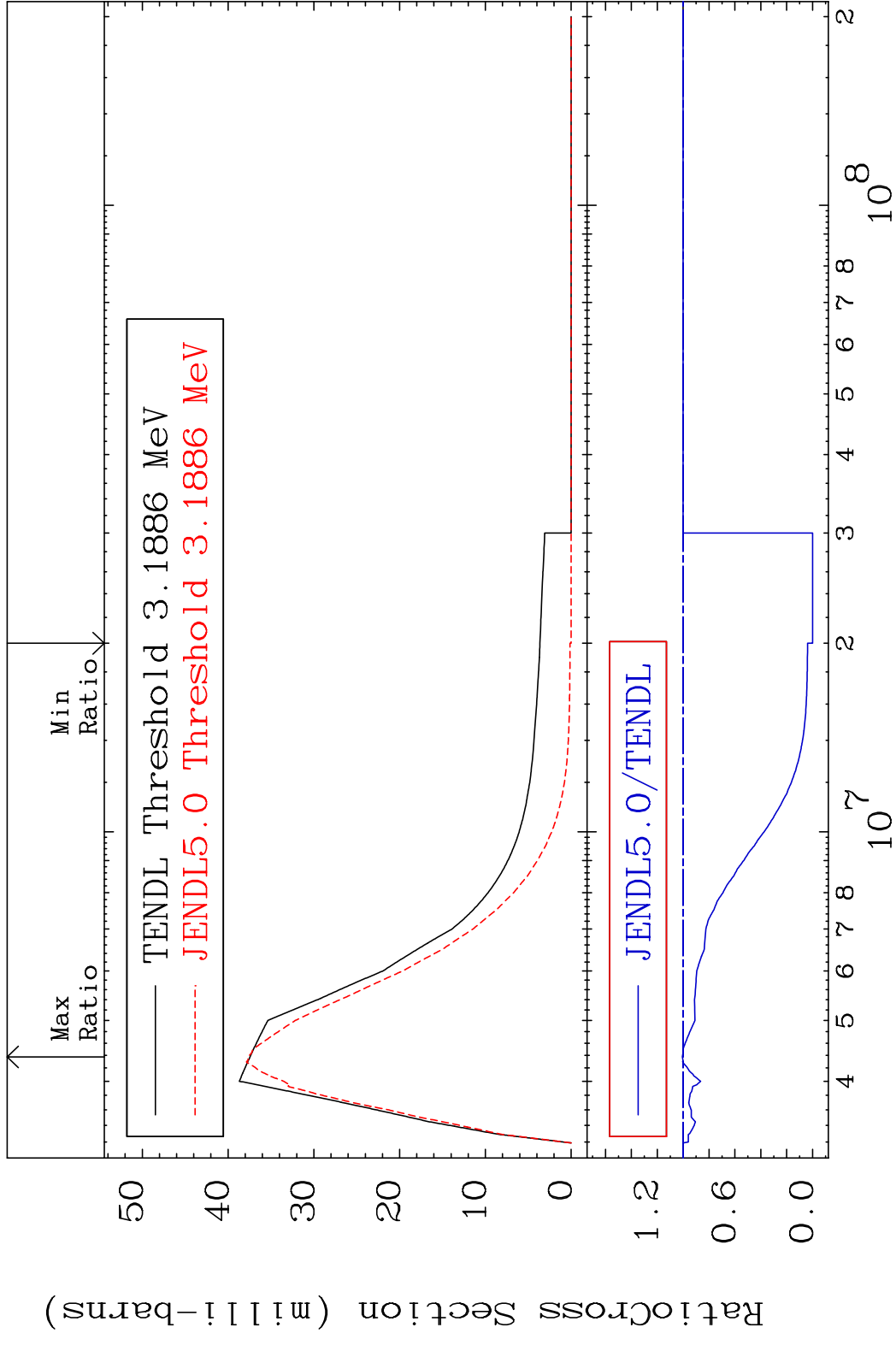
MAT 2637 MT= 60 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 34.65 %



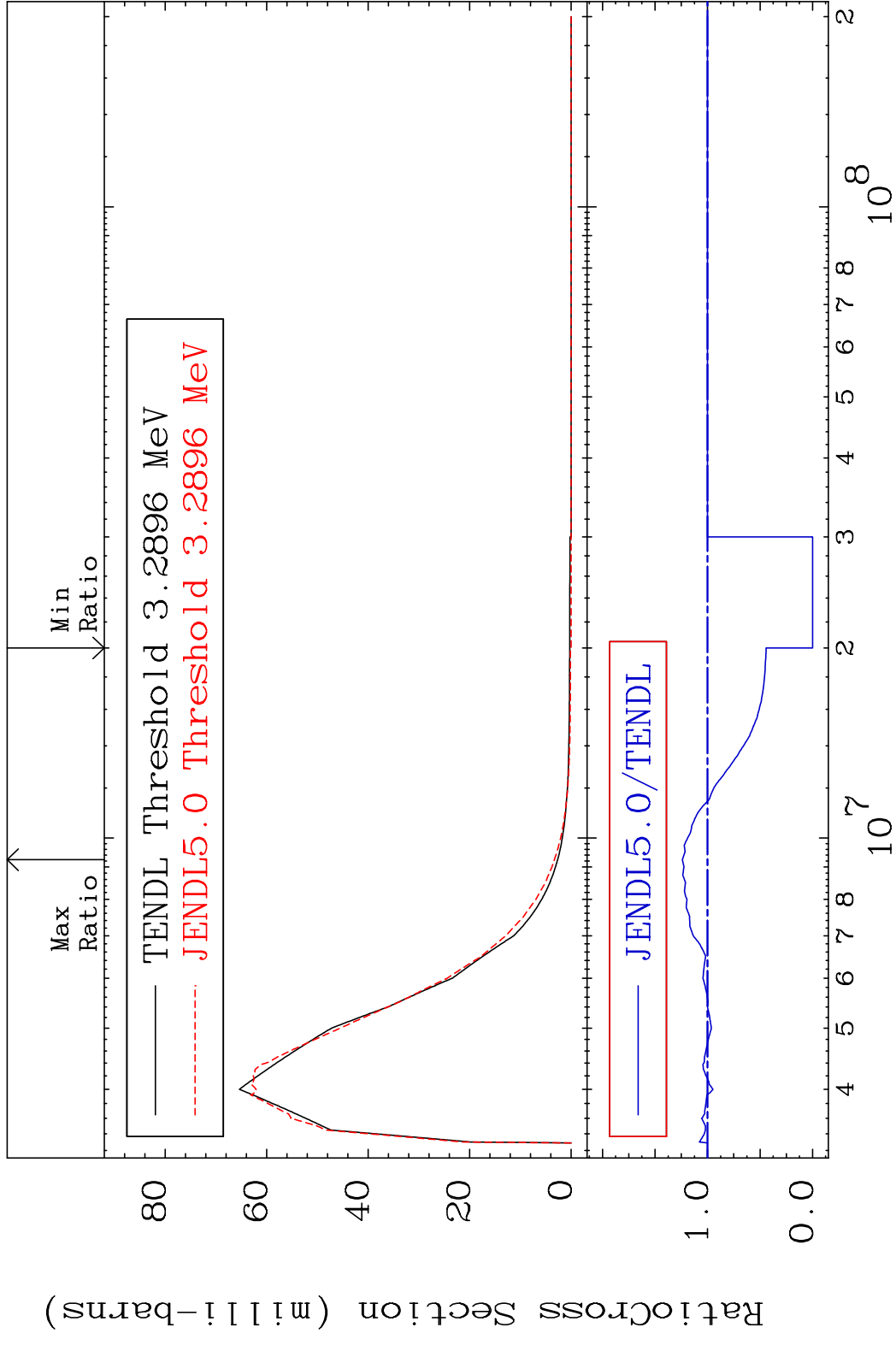
MAT 2637 MT= 61 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 22.55 %



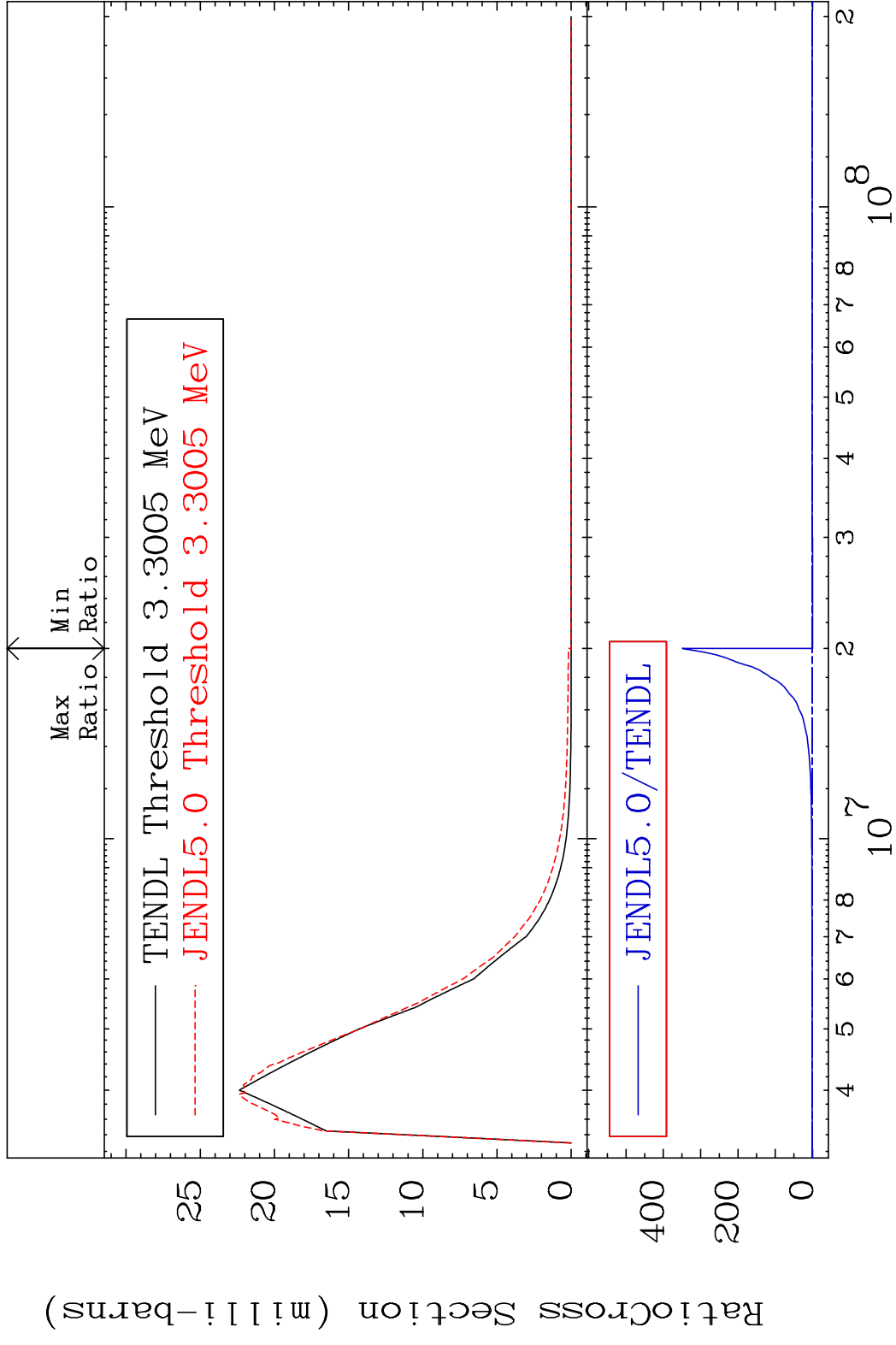
MAT 2637 MT= 62 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 0.616 %



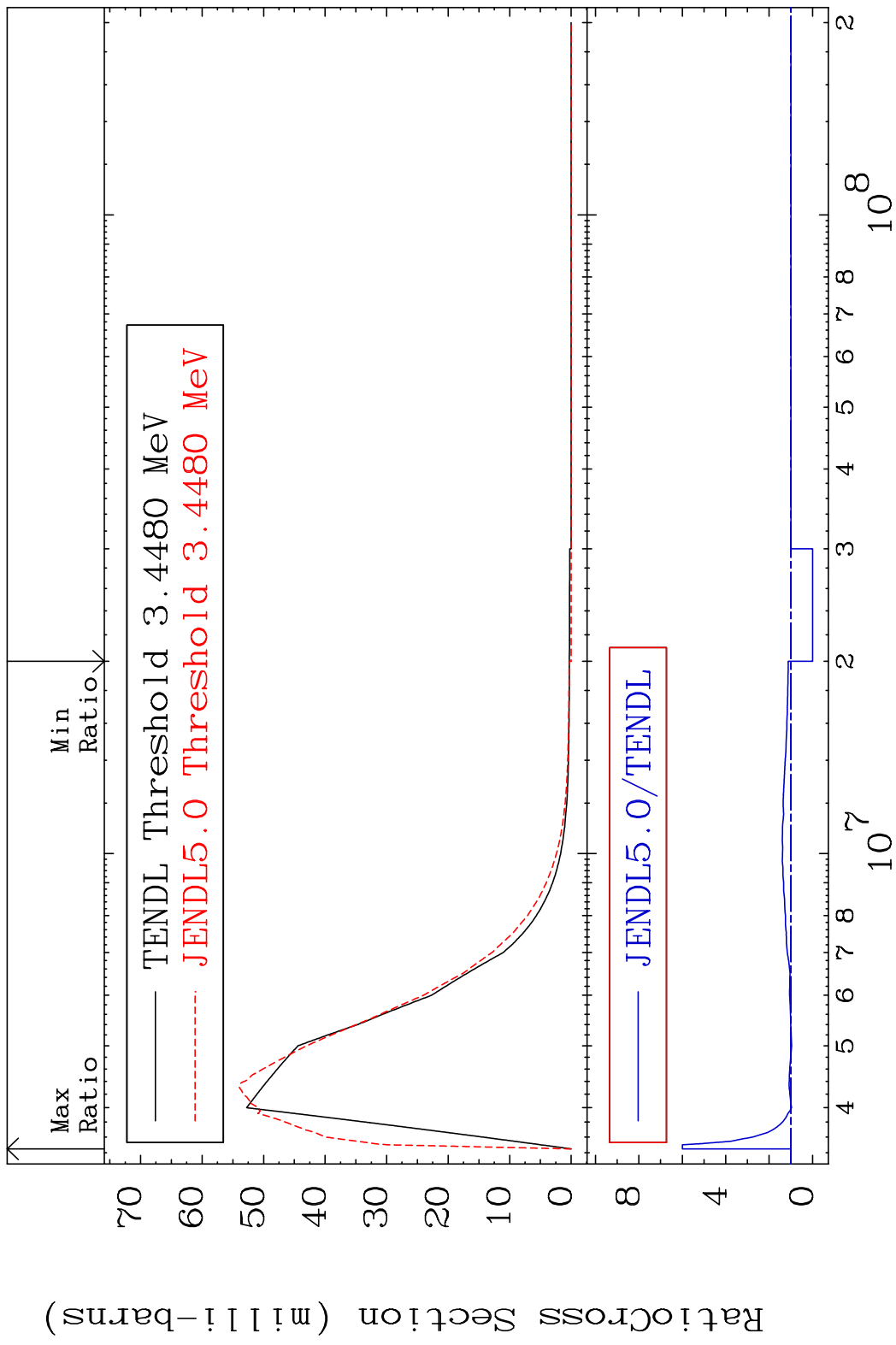
MAT 2637 MT= 63 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 23.98 %



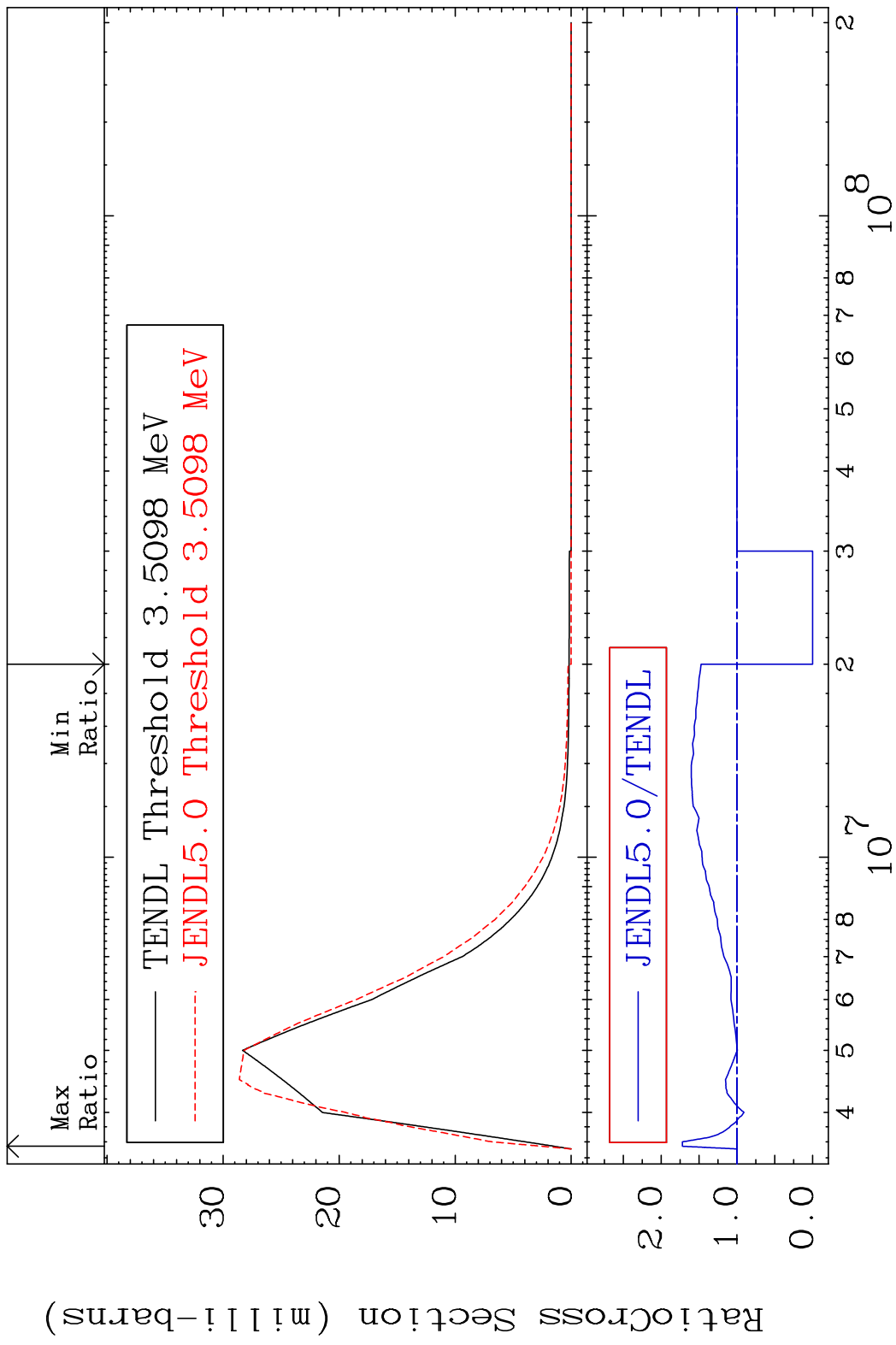
MAT 2637 MT= 64 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 9999. %



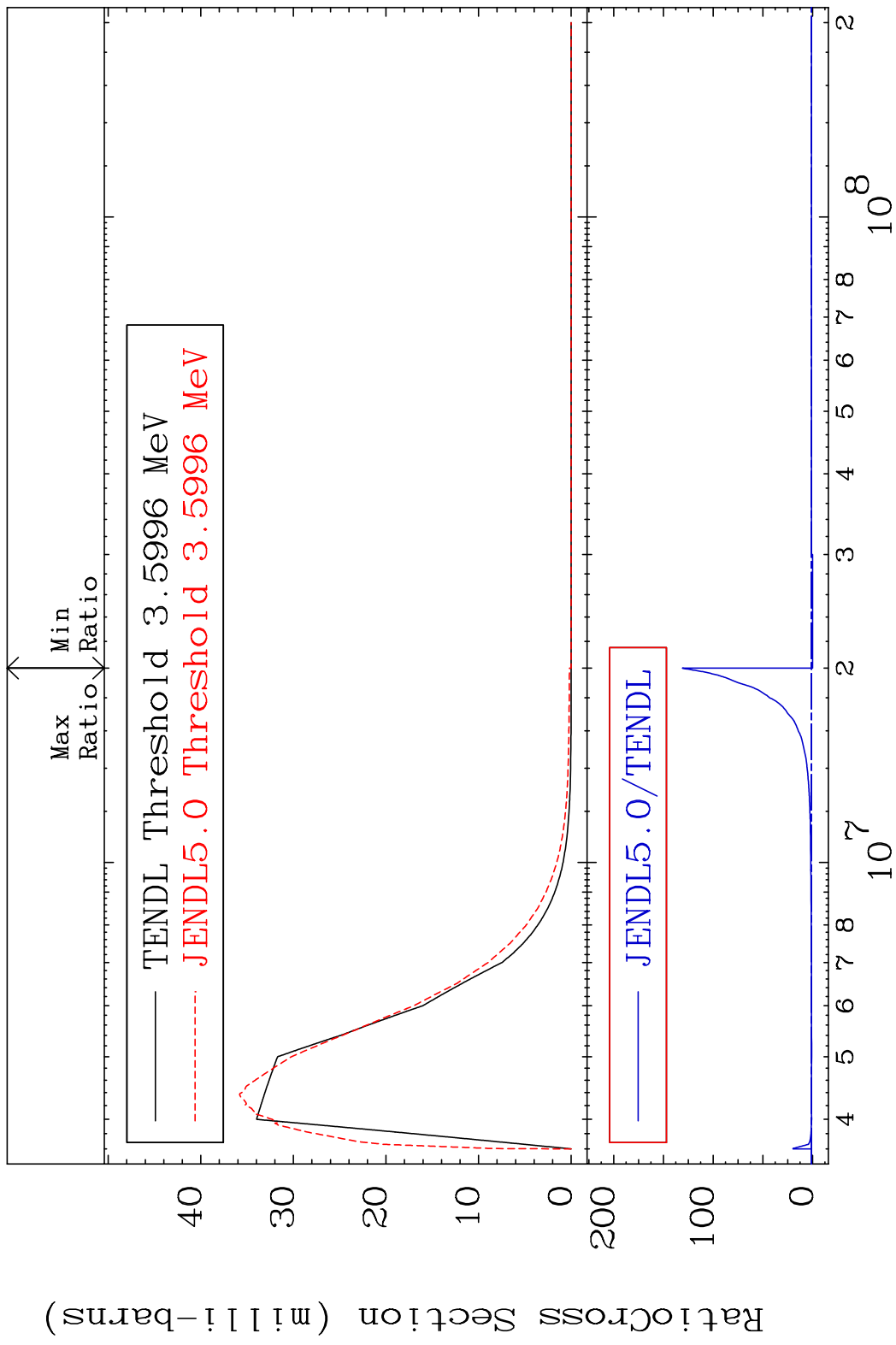
MAT 2637 MT= 65 (n,n') Level 26-Fe-58
 Cross Section -100.0 To 499.8 %



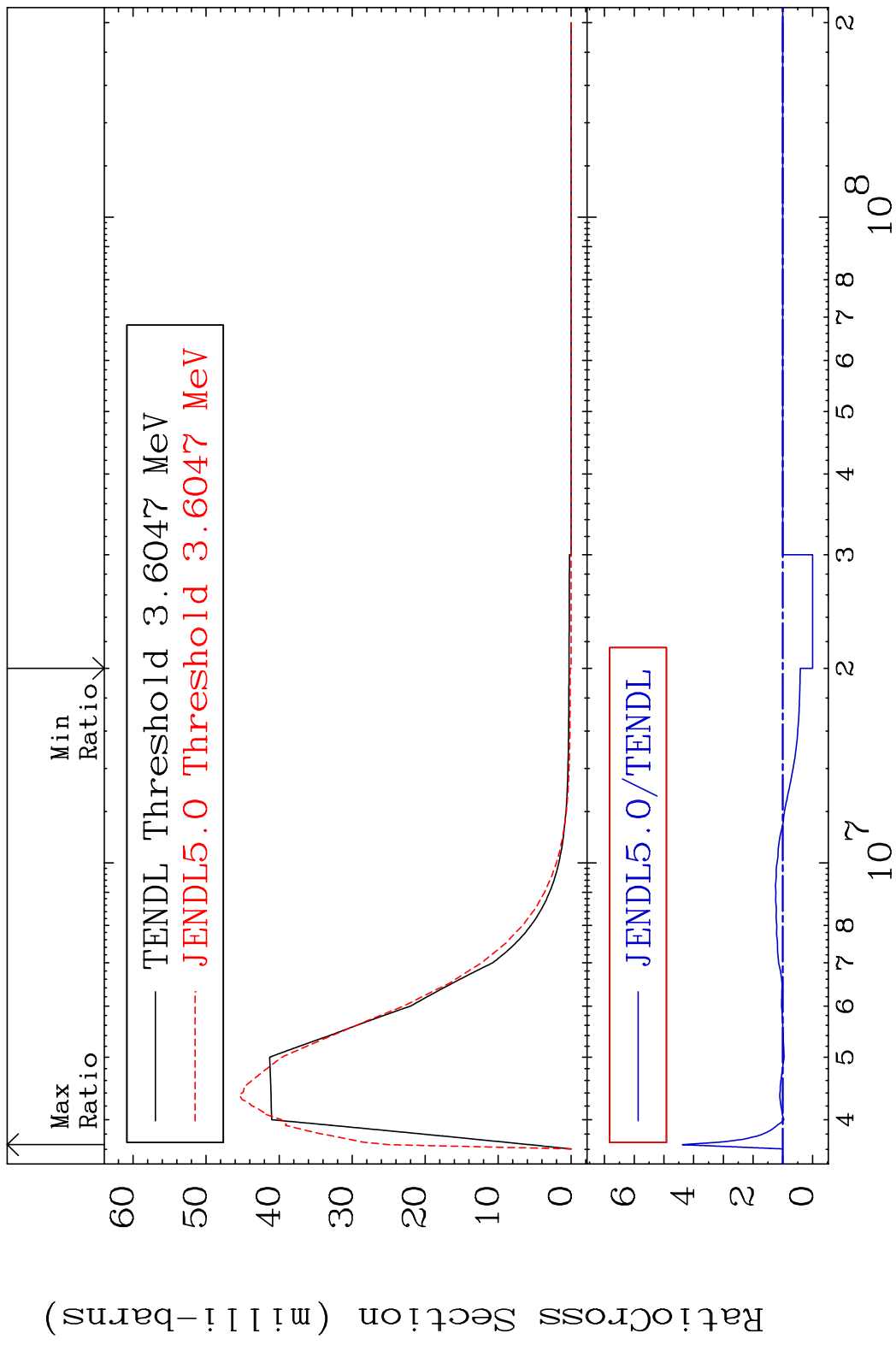
MAT 2637 MT= 66 (n,n') Level 26-Fe-58
 Cross Section -100.0 To 72.07 %



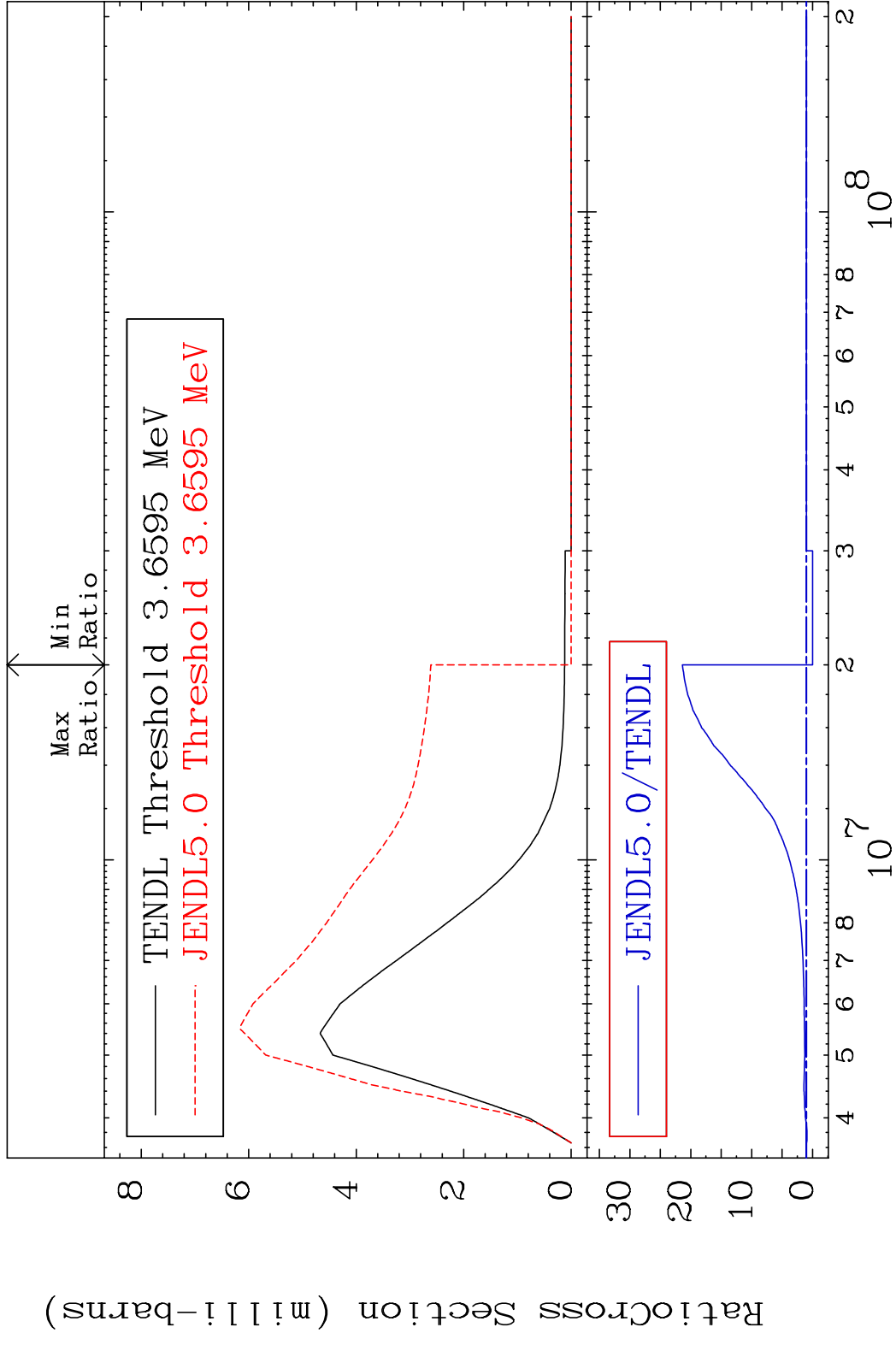
MAT 2637 MT= 67 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 9999. %



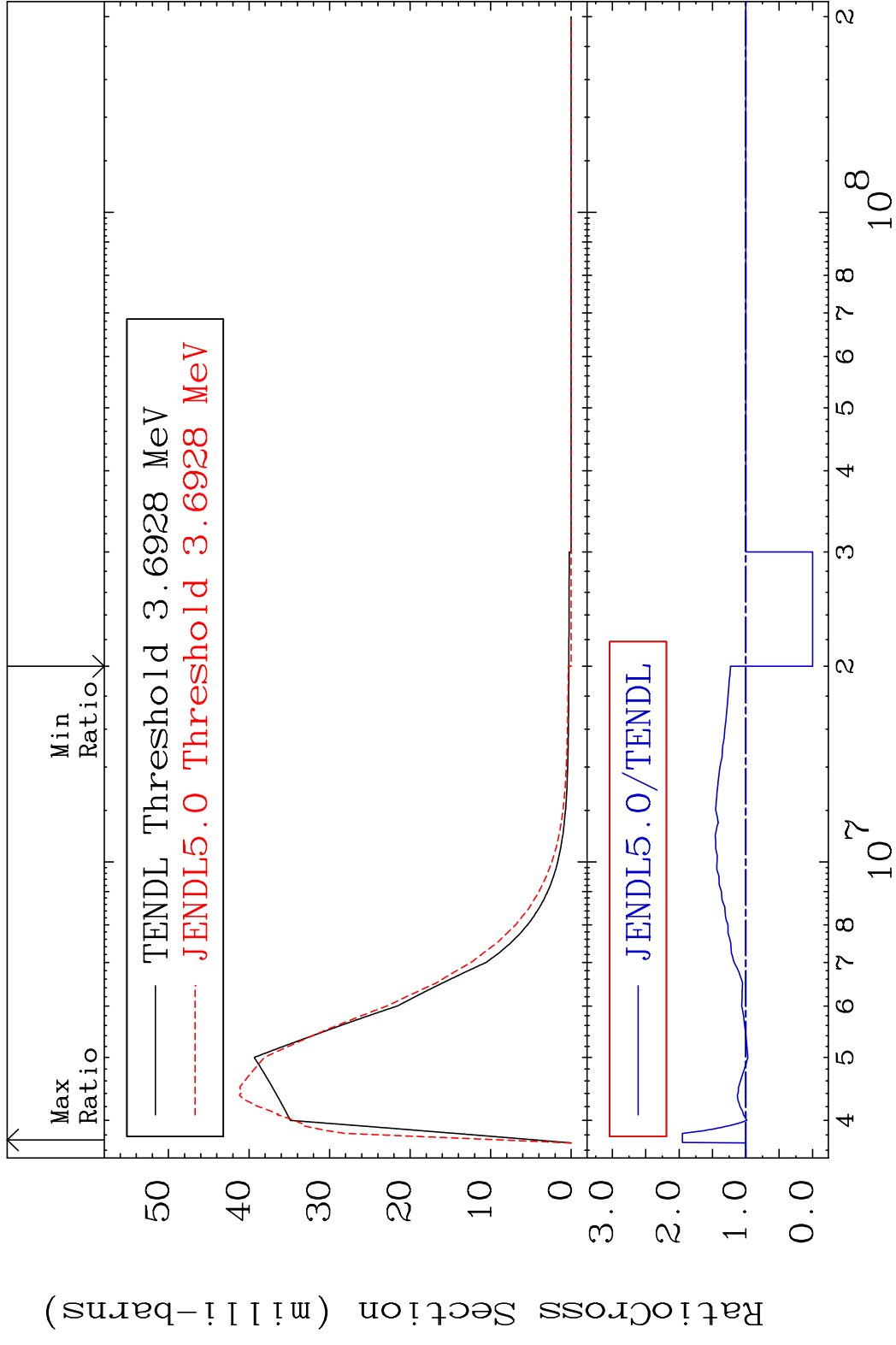
MAT 2637 MT= 68 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 338.1 %



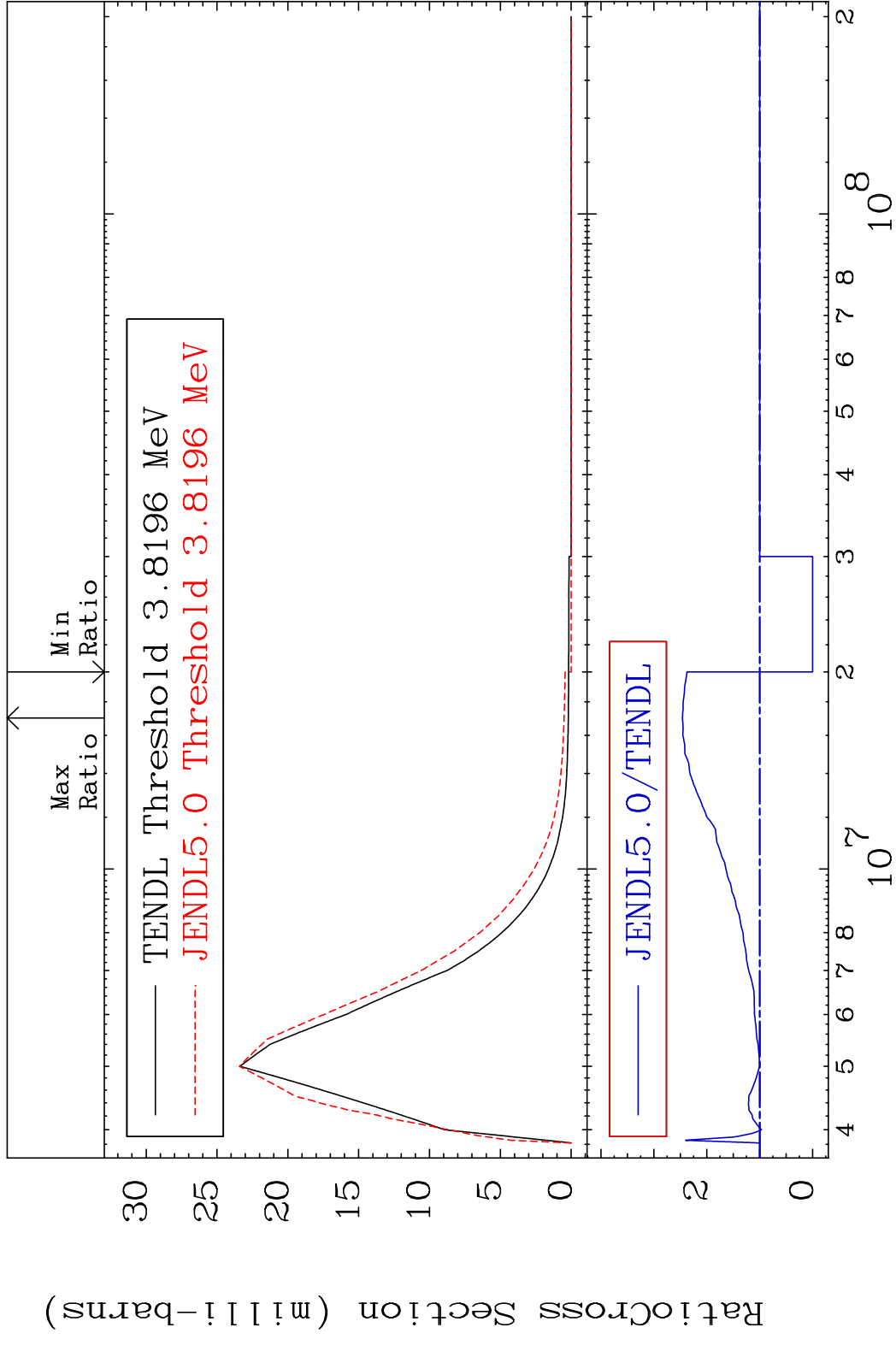
MAT 2637 MT= 69 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 2038. %



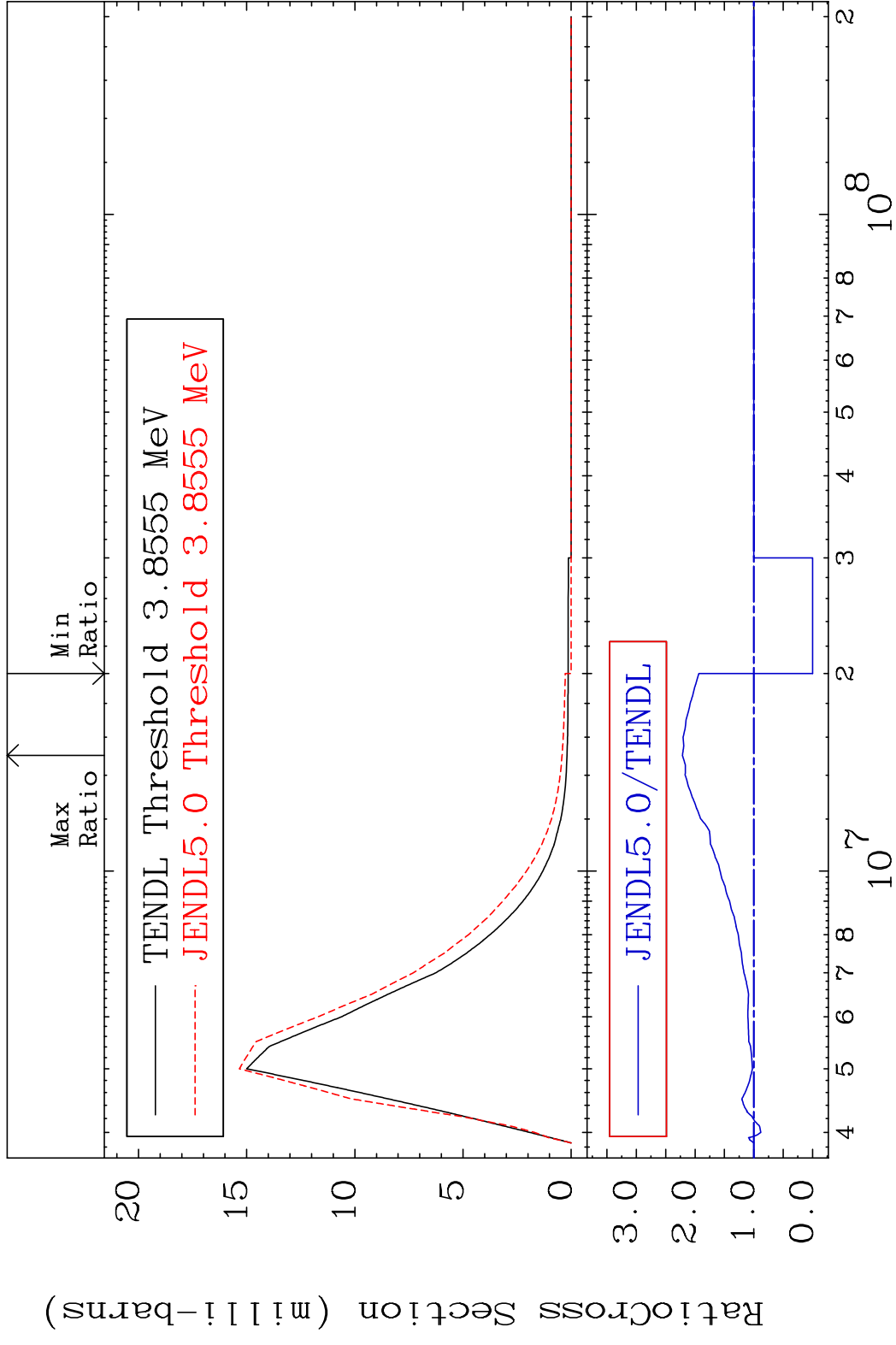
MAT 2637 MT= 70 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 95.10 %



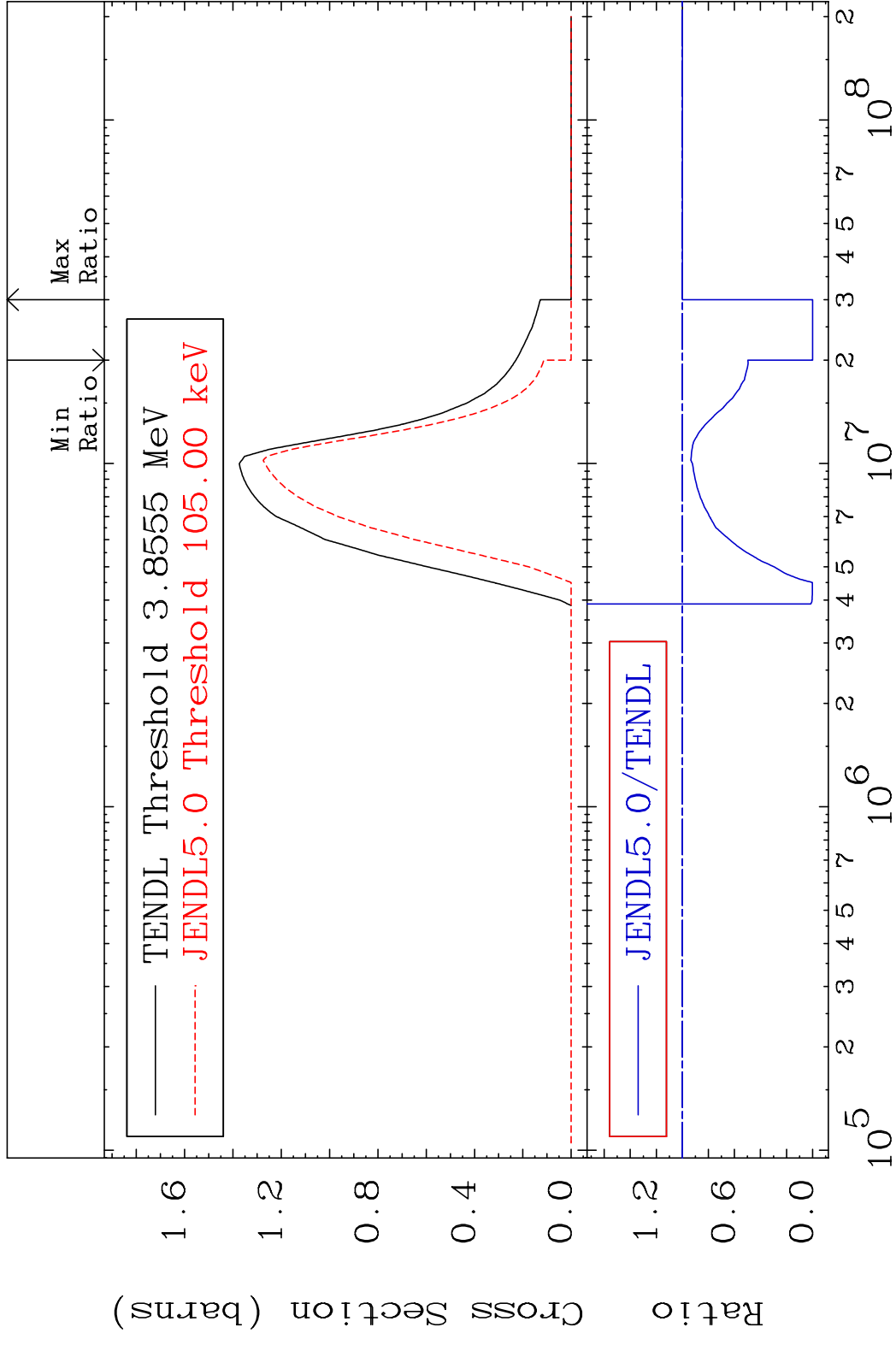
MAT 2637 MT= 71 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 146.1 %



MAT 2637 MT= 72 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 121.6 %



MAT 2637 (n, n') Continuum 26-Fe-58
 Cross Section -100.0 To 0.000 %



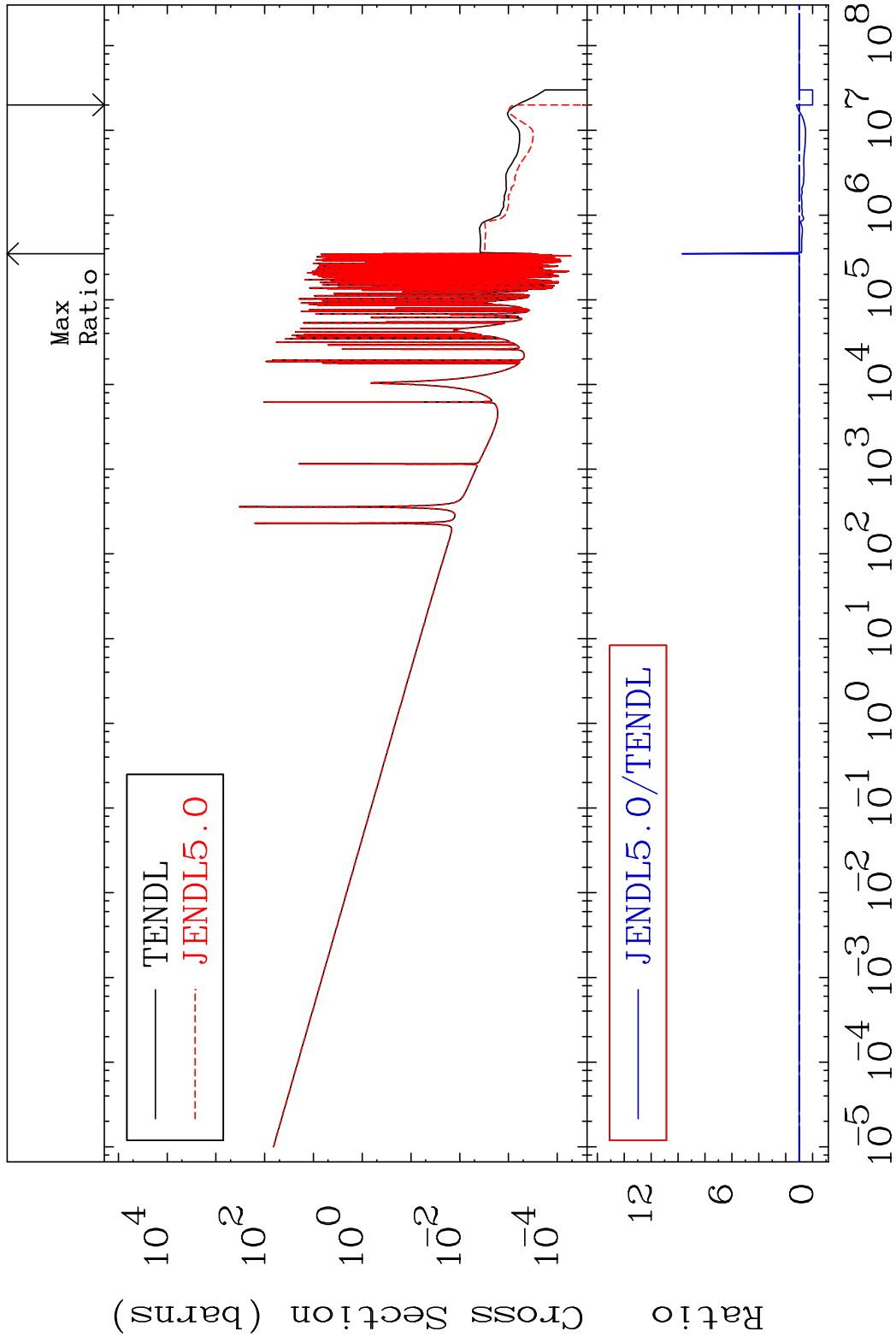
31 Incident Energy (eV) 26-Fe-58

MAT 2637

(n, γ)

26-Fe-58

Cross Section -100.0 To 868.1 %

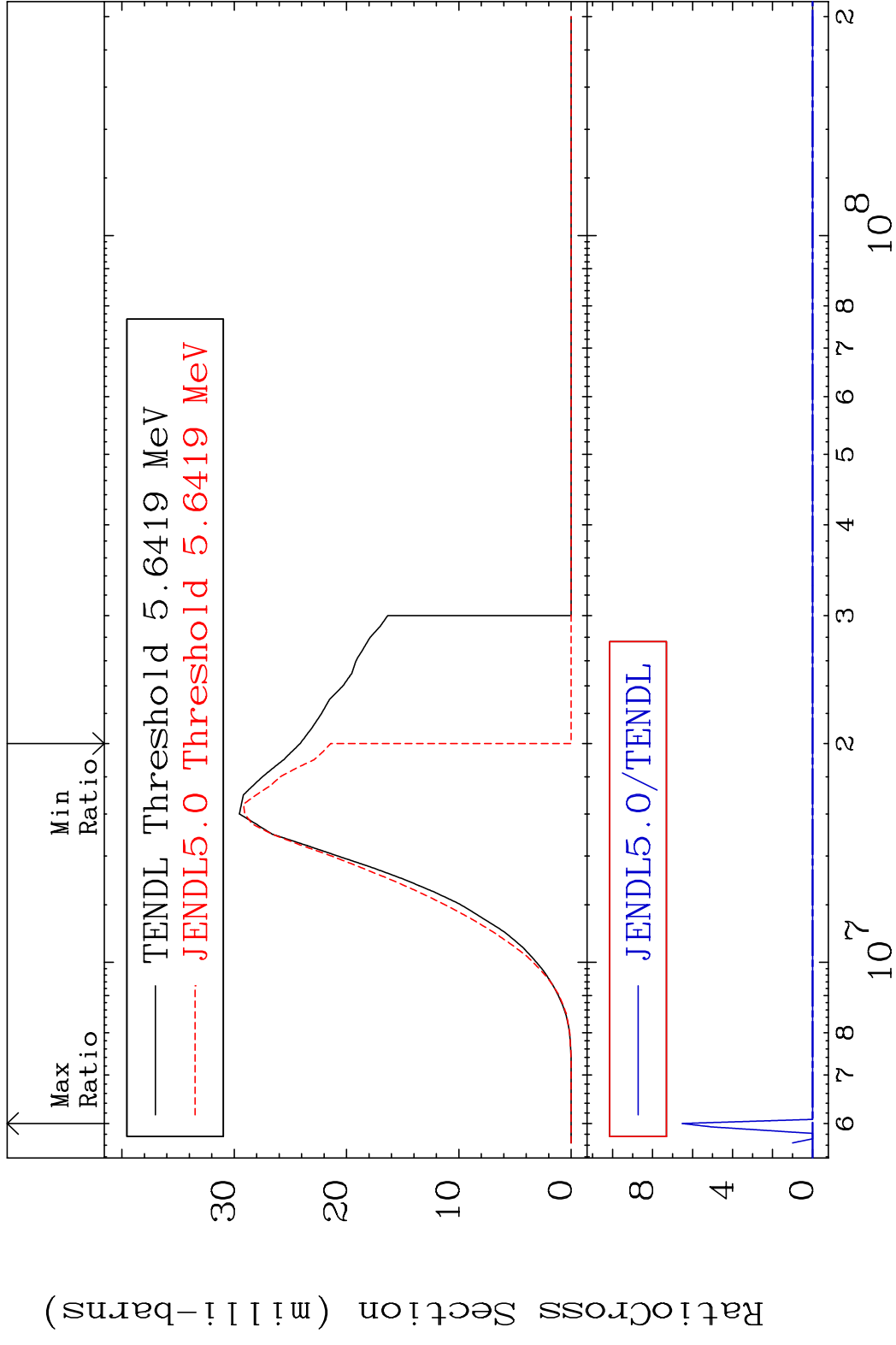


32

Incident Energy (eV)

26-Fe-58

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

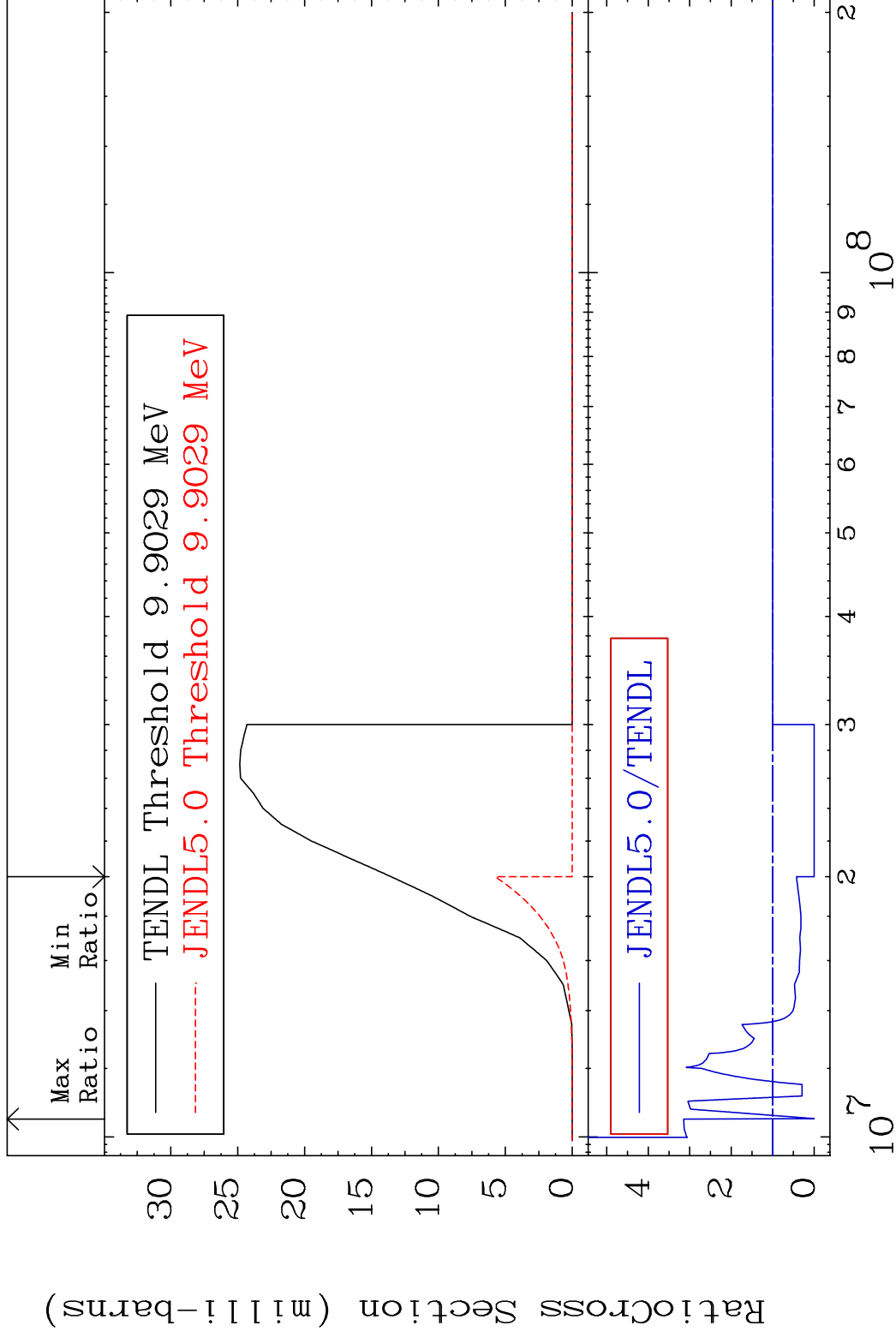


MAT 2637

(n, d)

²⁶Fe-58

Cross Section -100.0 To 214.6 %

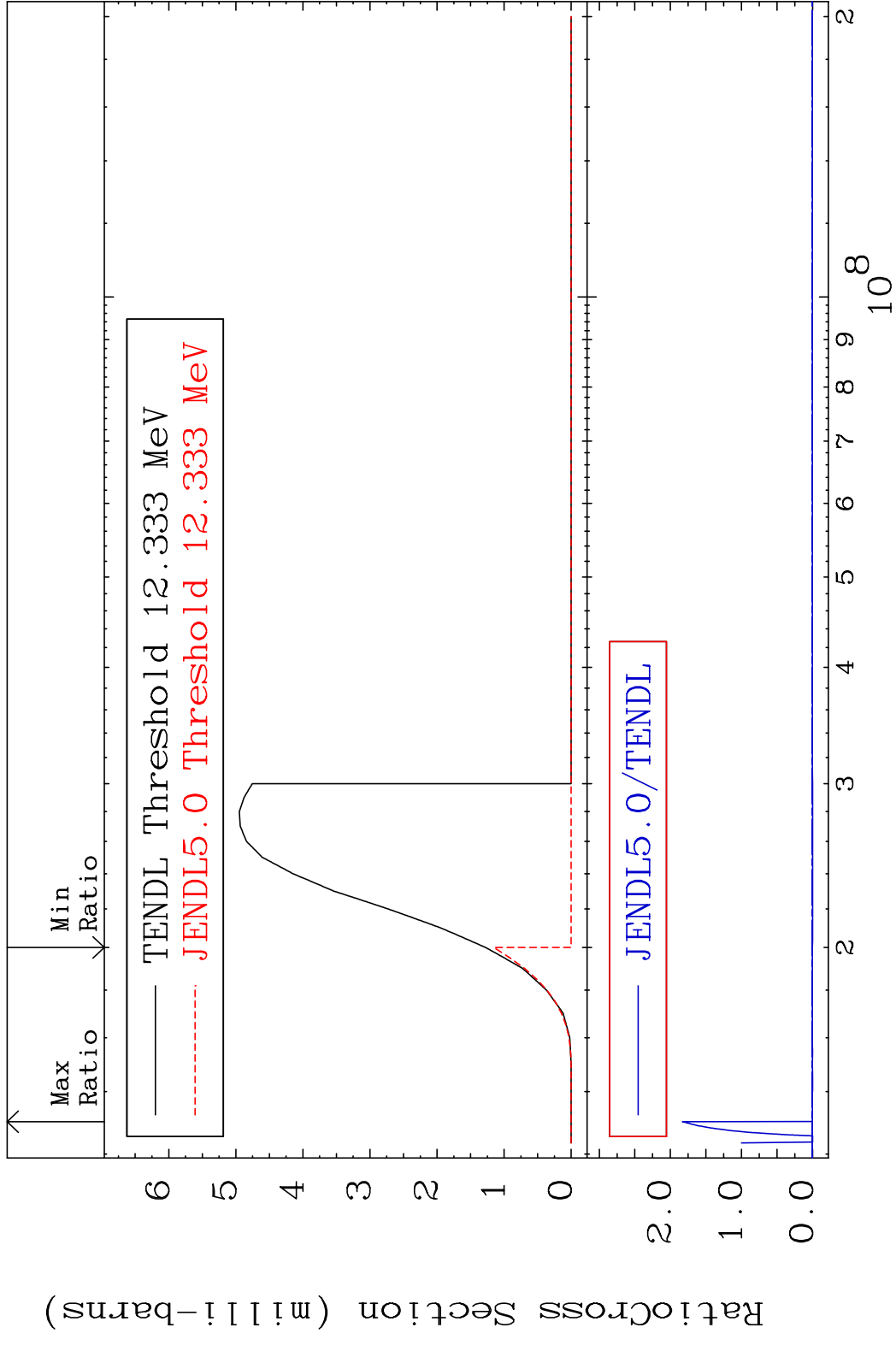


34

Incident Energy (eV)

²⁶Fe-58

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

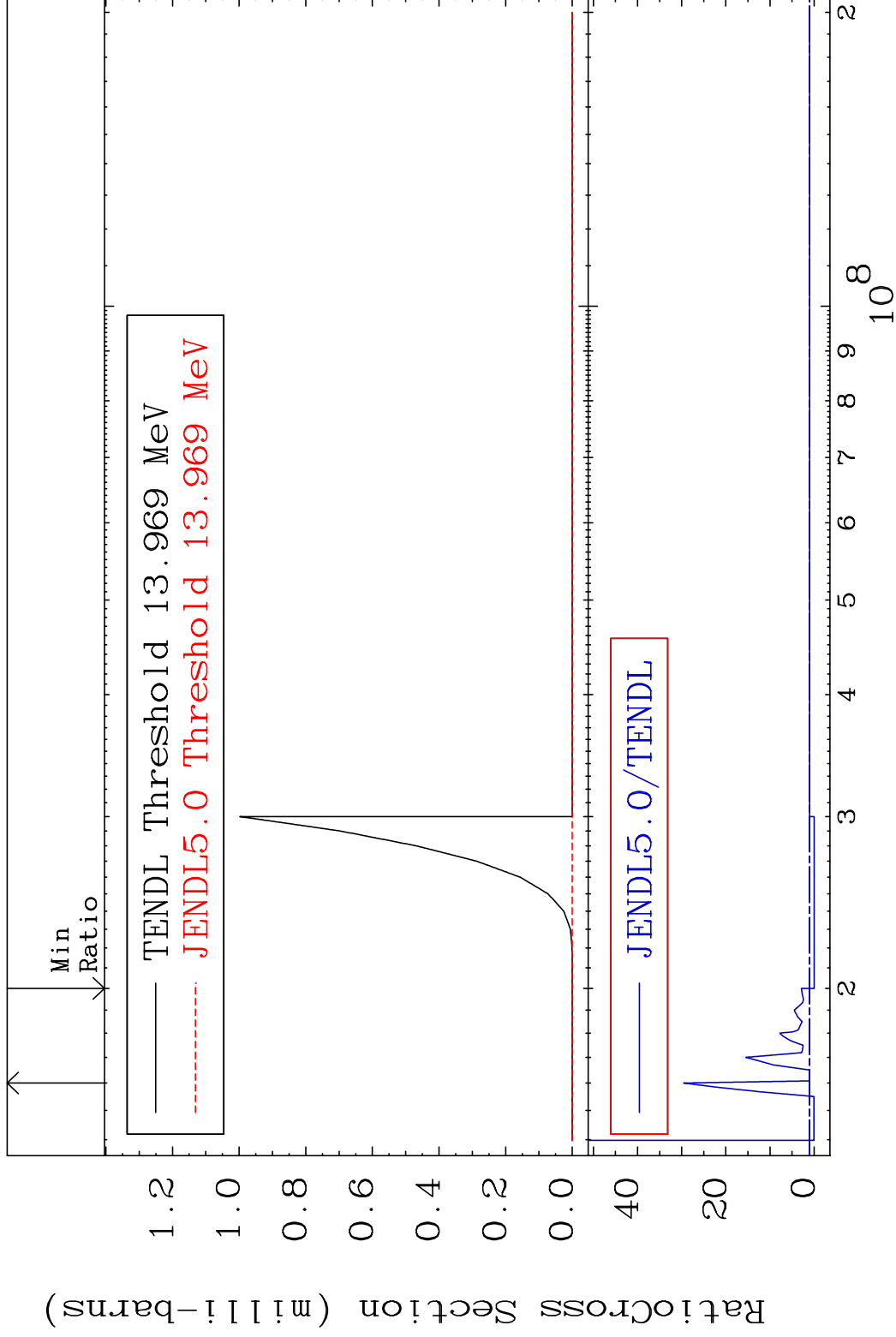


MAT 2637

(n, He-3)

²⁶Fe-58

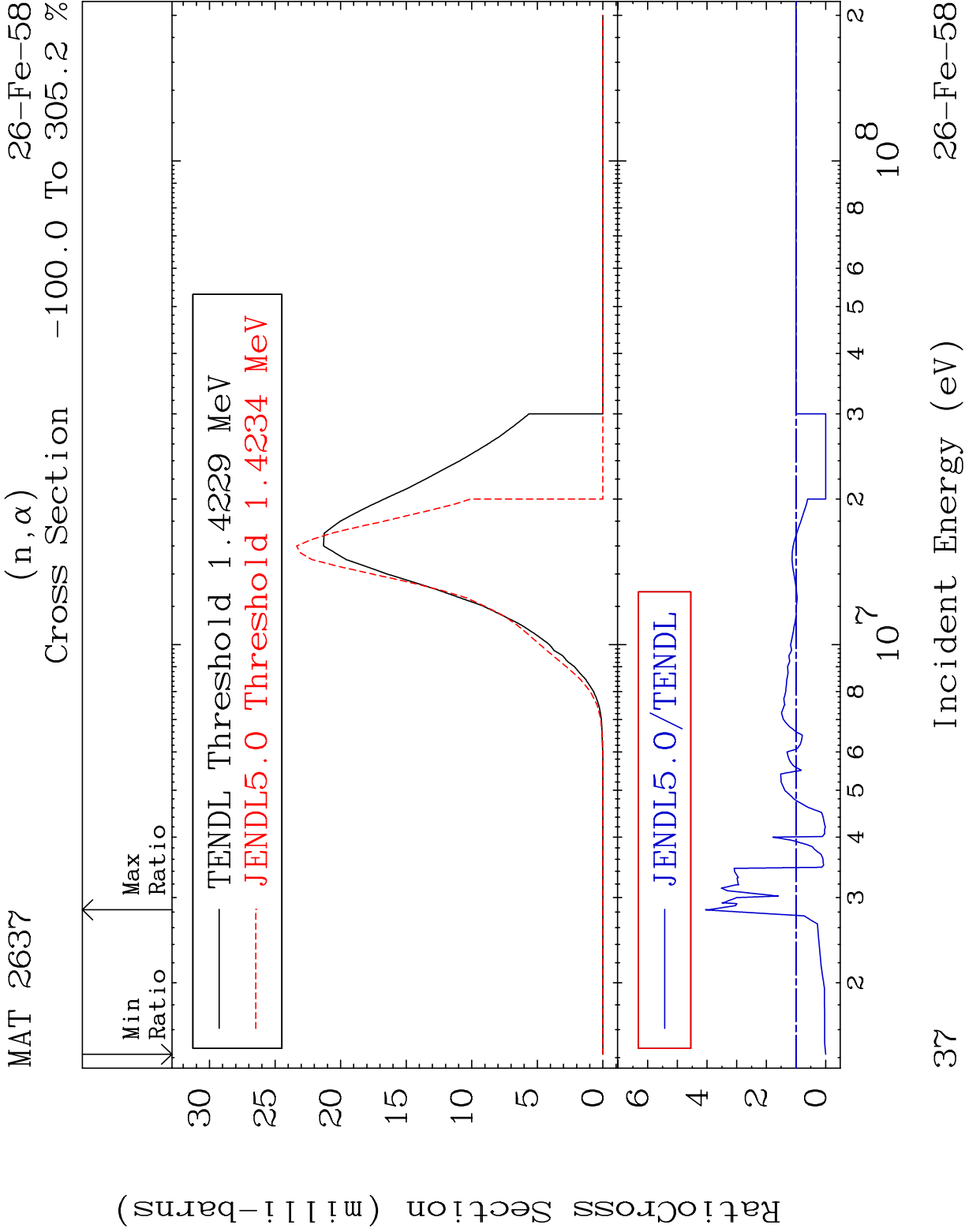
Cross Section -100.0 To 2855. %



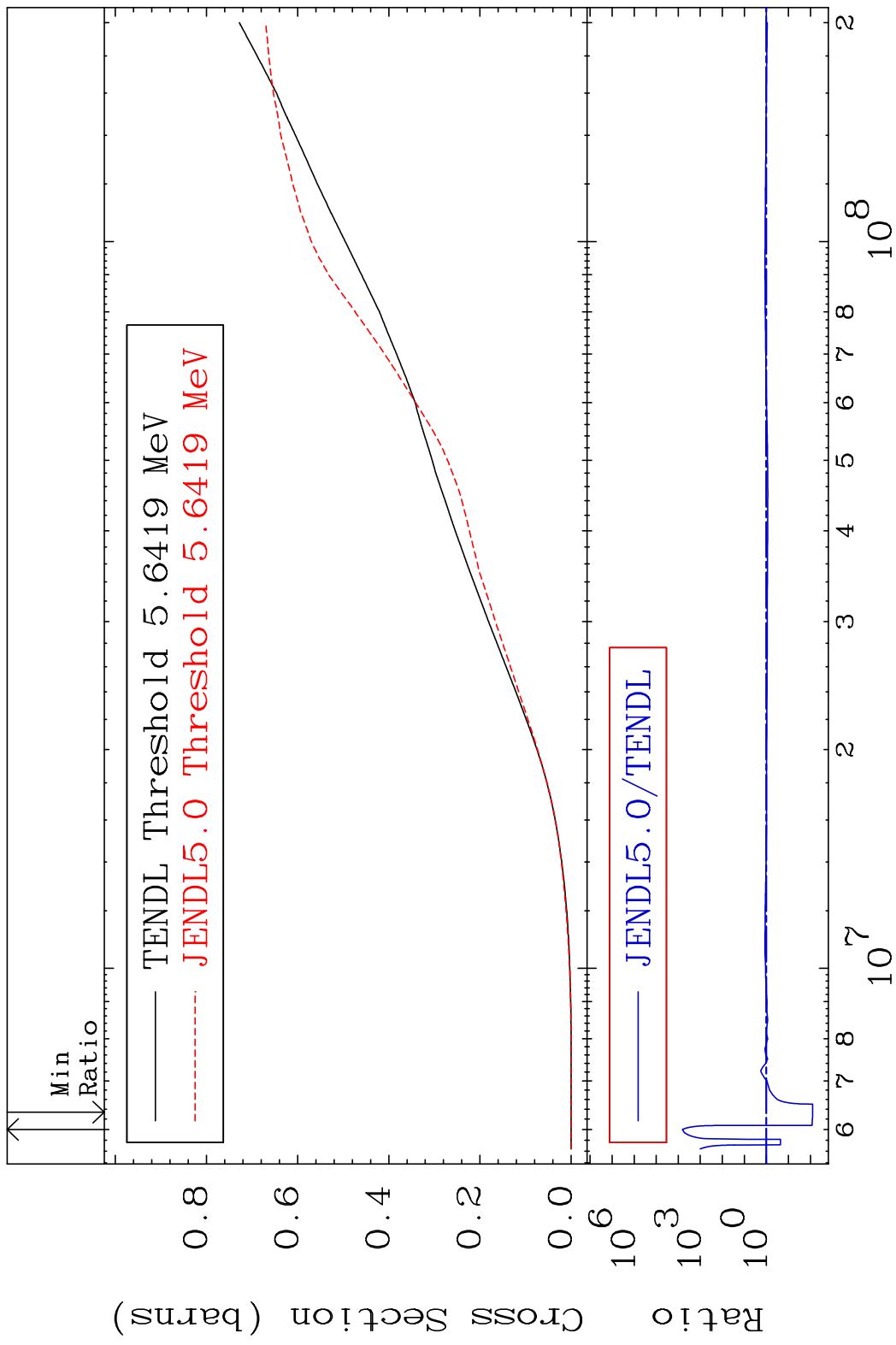
36

Incident Energy (eV)

²⁶Fe-58



MAT 2637 Hydrogen Production 26-Fe-58
 Cross Section -99.19 To 9999. %

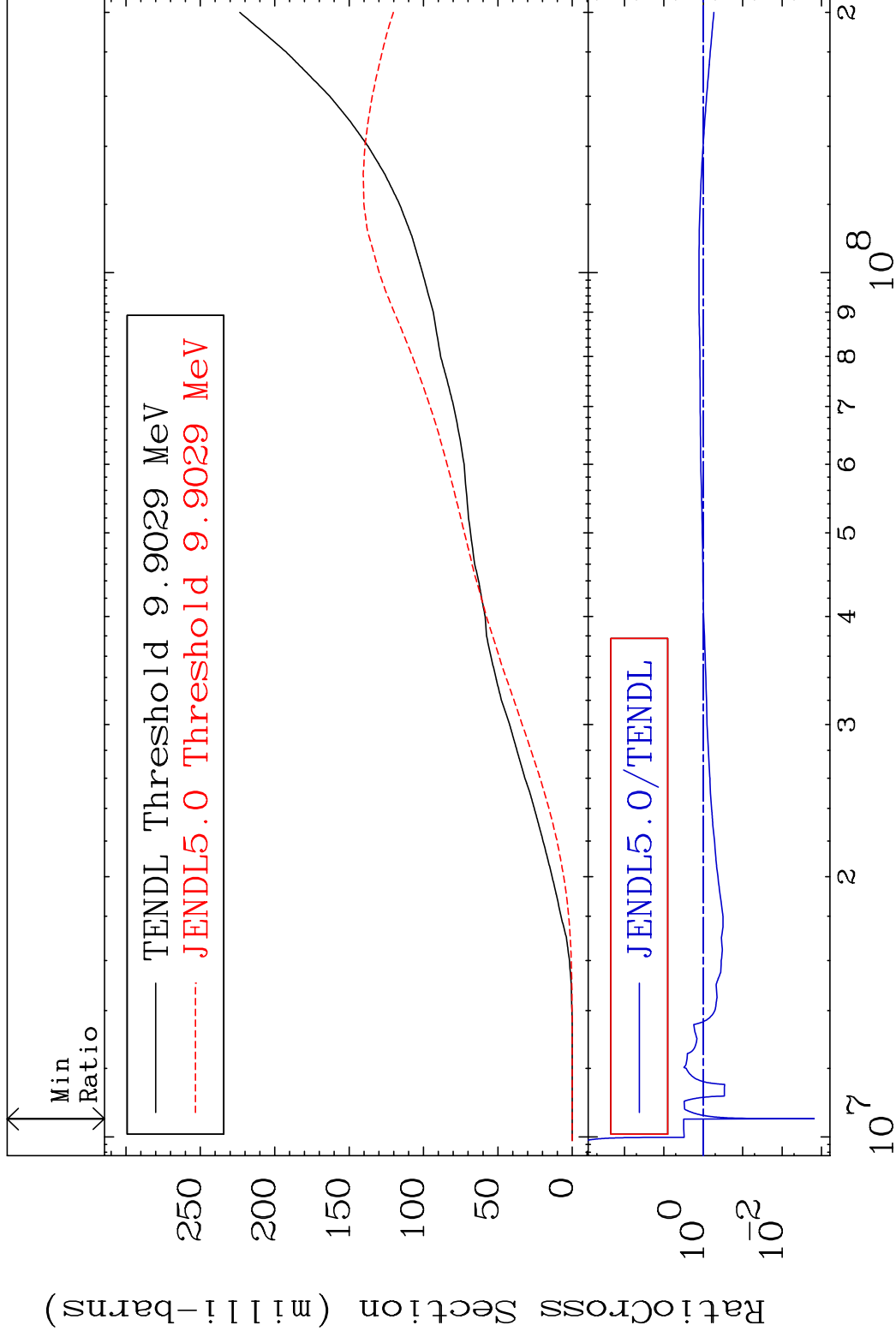


MAT 2637

Deuterium Production

²⁶Fe-58

Cross Section -99.85 To 214.6 %



39

Incident Energy (eV)

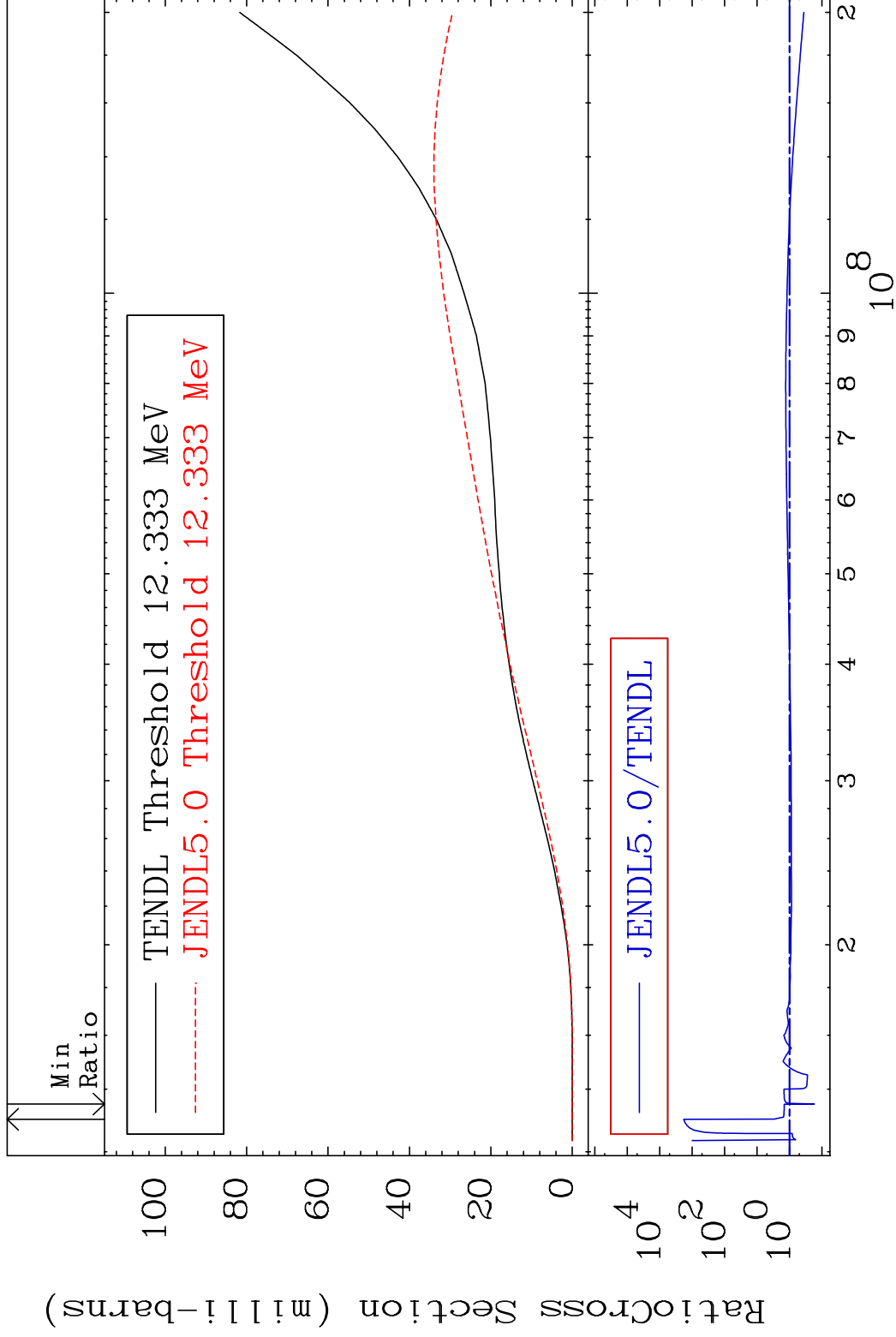
²⁶Fe-58

MAT 2637

Tritium Production

26-Fe-58

Cross Section -82.59 To 9999. %

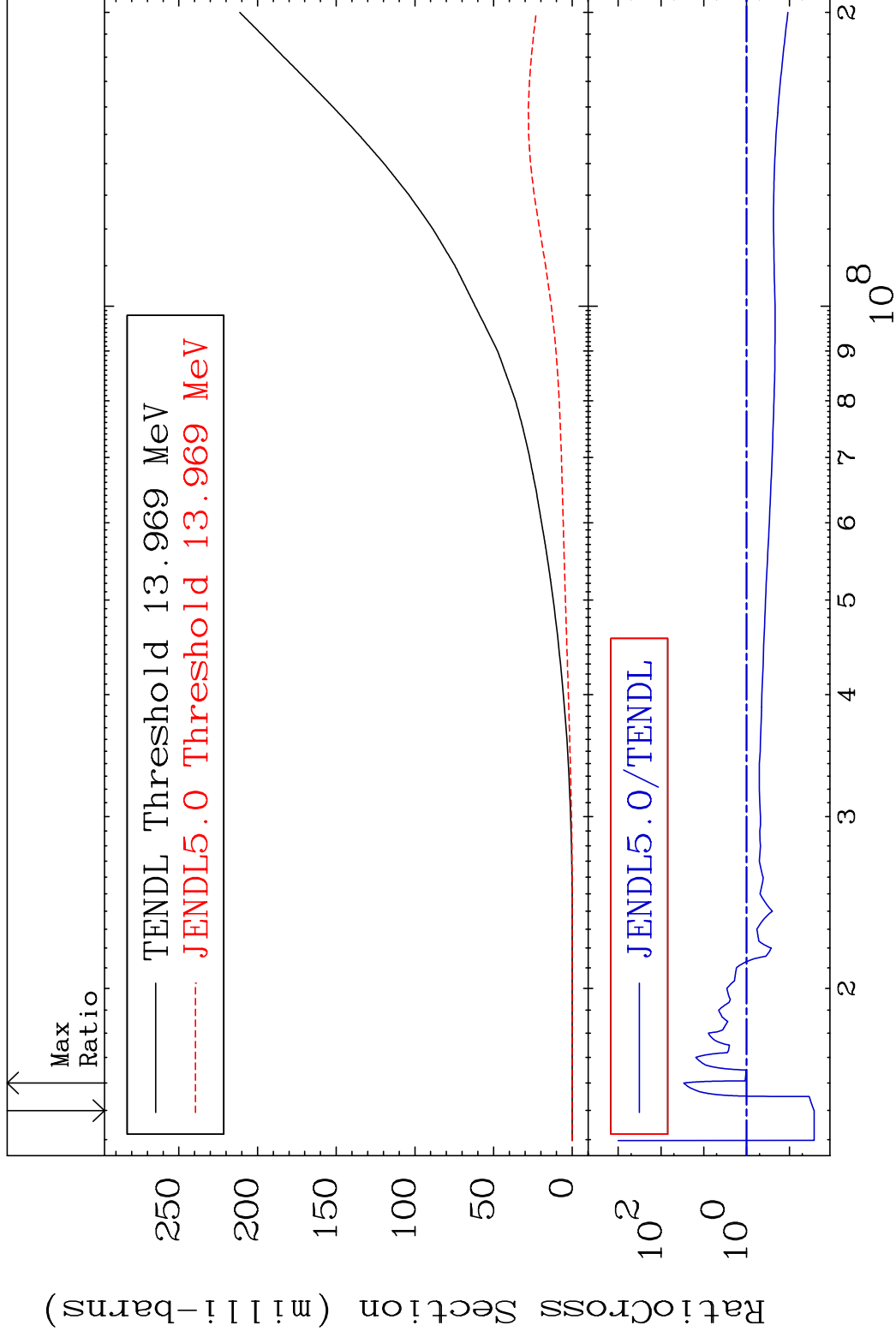


MAT 2637

He-3 Production

²⁶Fe-58

Cross Section -97.36 To 2855. %



41

Incident Energy (eV)

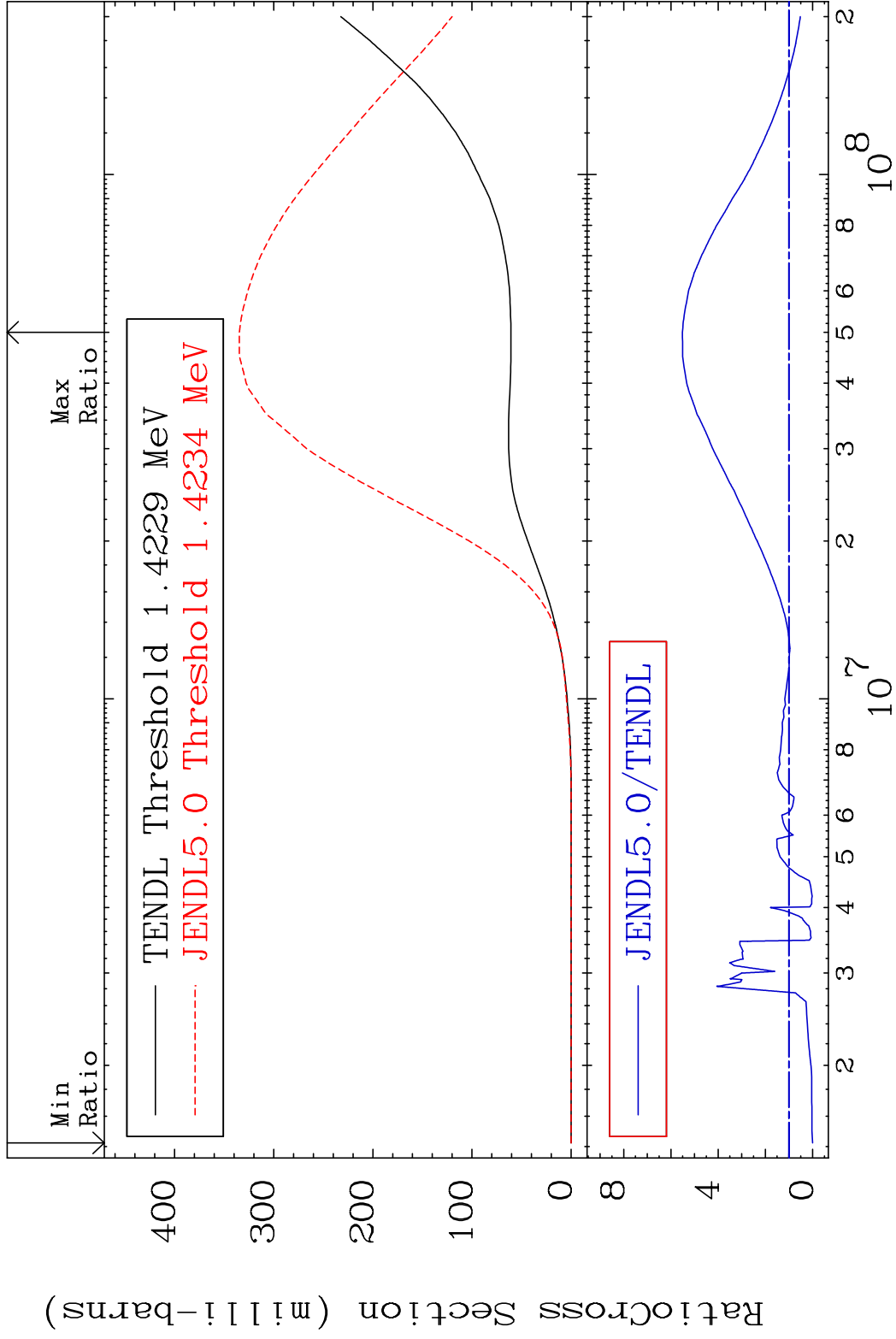
²⁶Fe-58

MAT 2637

He-4 Production

²⁶Fe-58

Cross Section -100.0 To 451.5 %

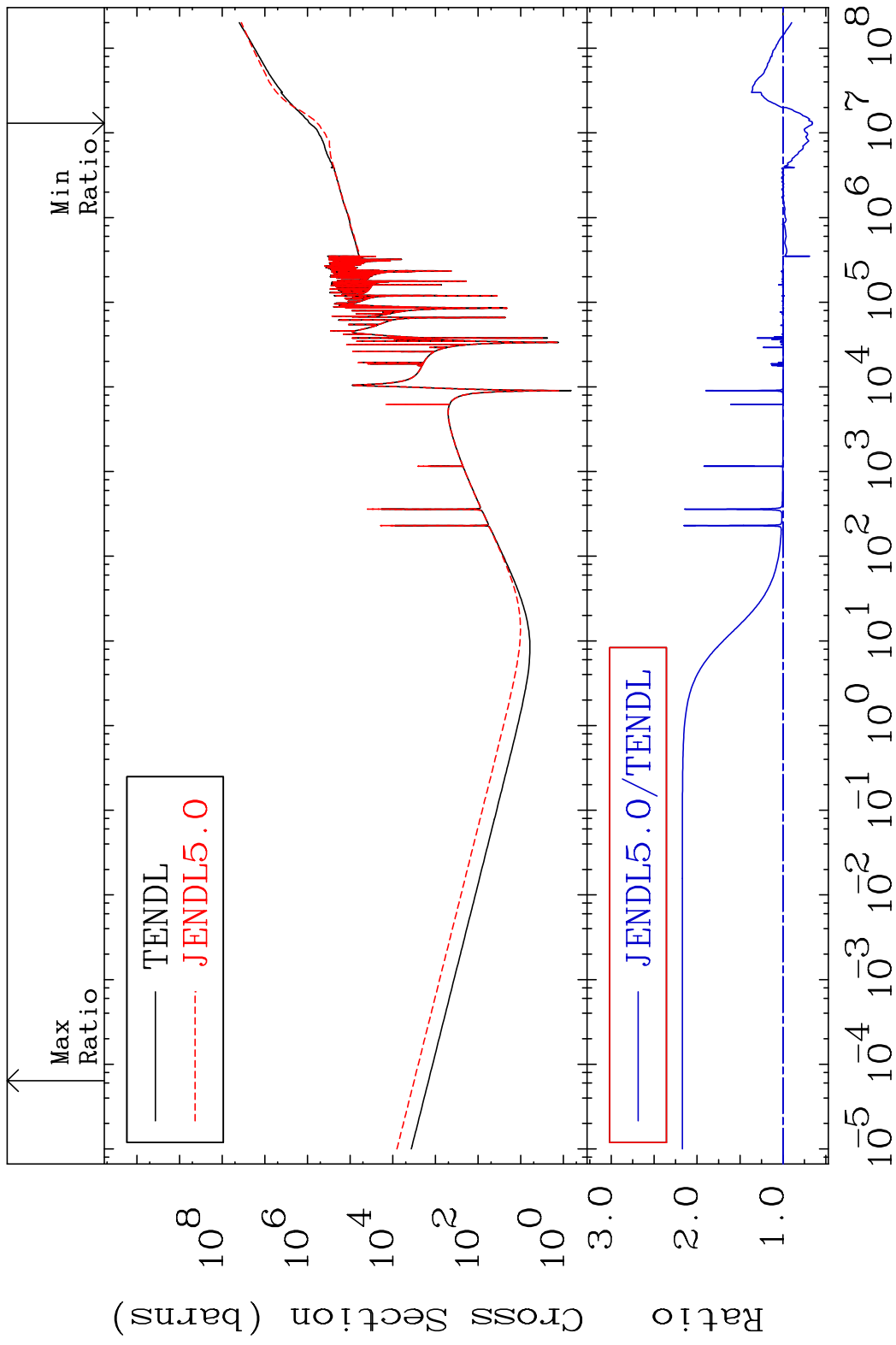


42

Incident Energy (eV)

²⁶Fe-58

MAT 2637 Kerma total (eV-barns) 26-Fe-58
 Cross Section -34.52 To 117.2 %

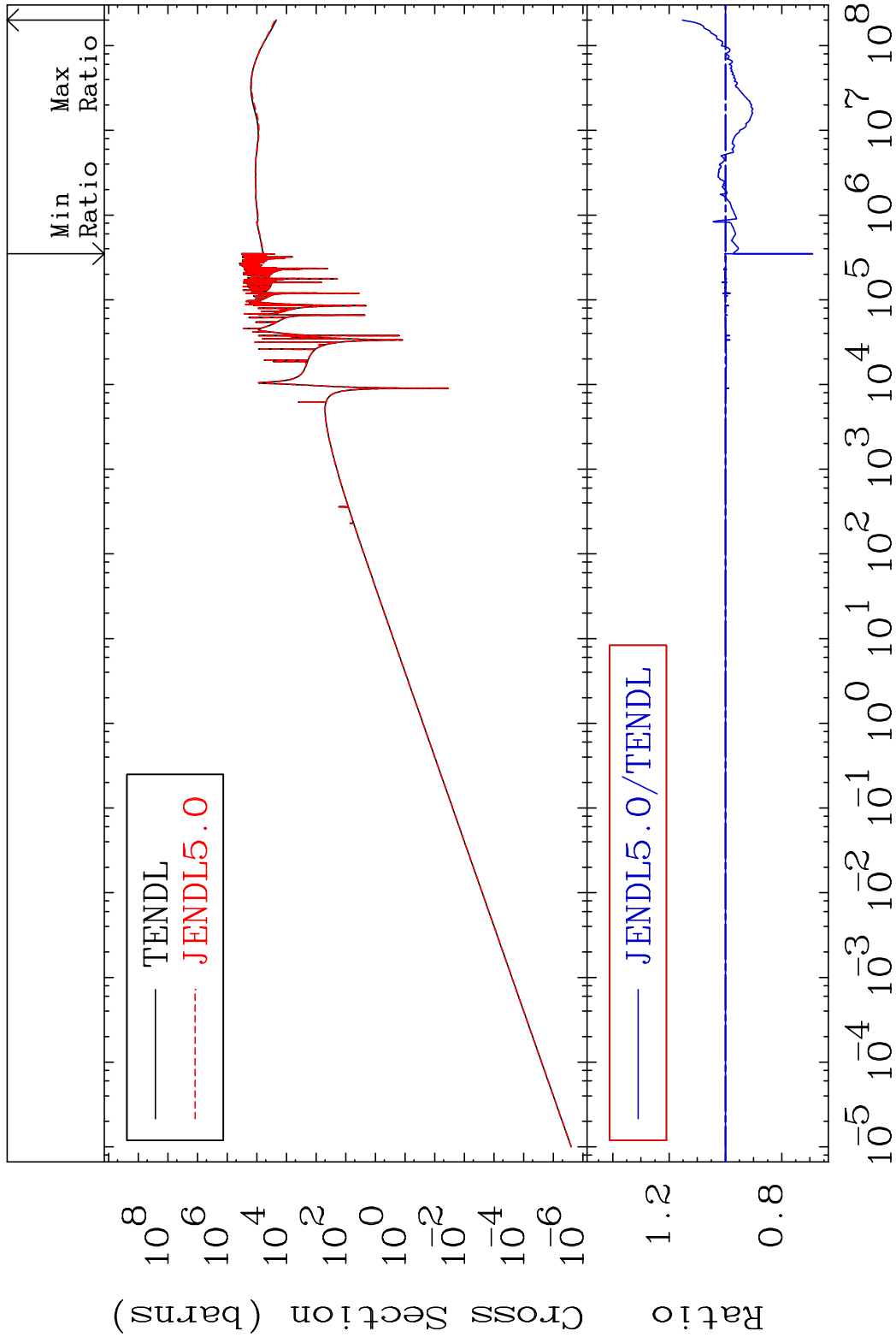


43 Incident Energy (eV) 26-Fe-58

MAT 2637

Kerma elastic
Cross Section

26-Fe-58
-30.94 To 15.28 %

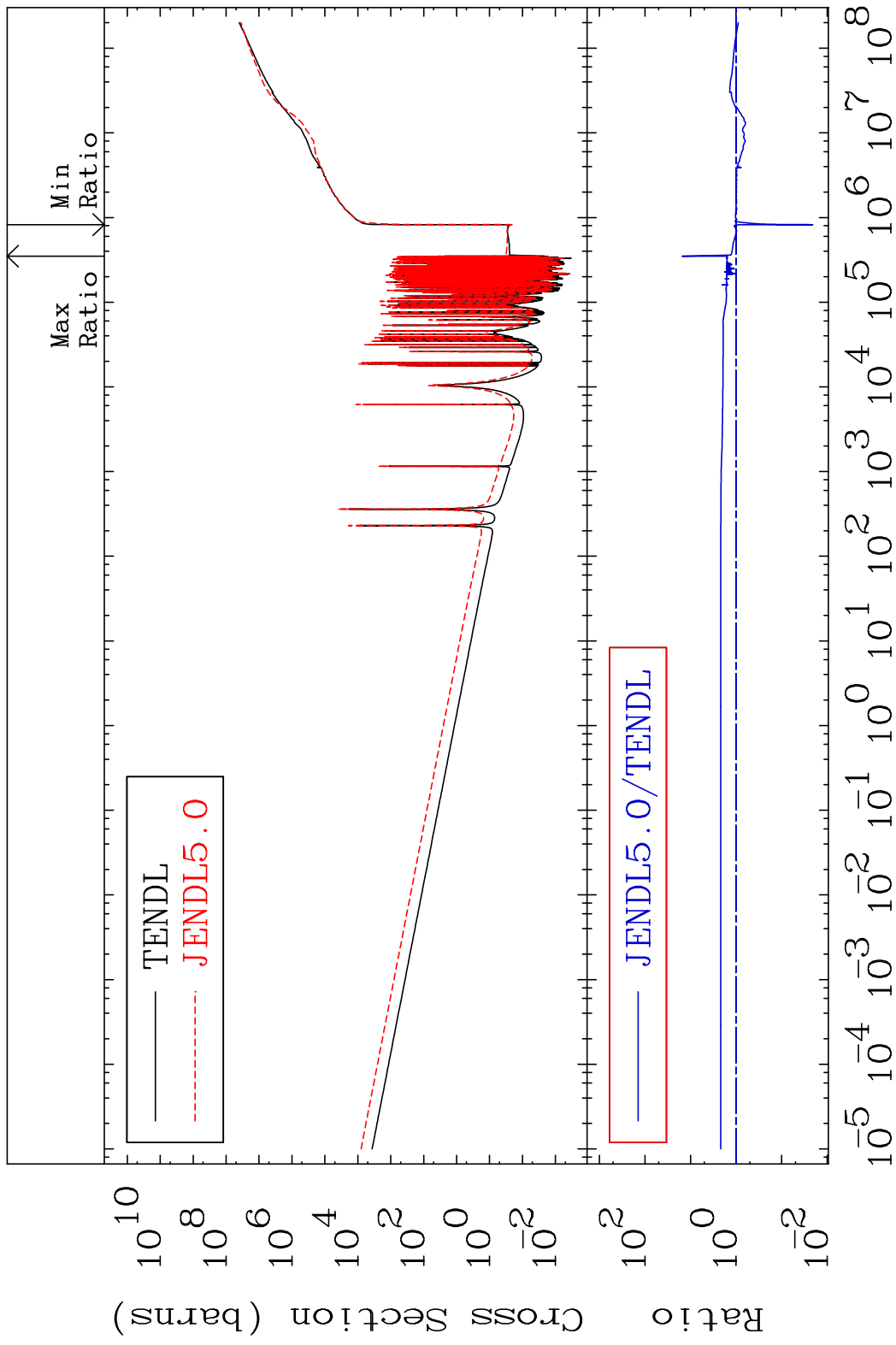


44

Incident Energy (eV)

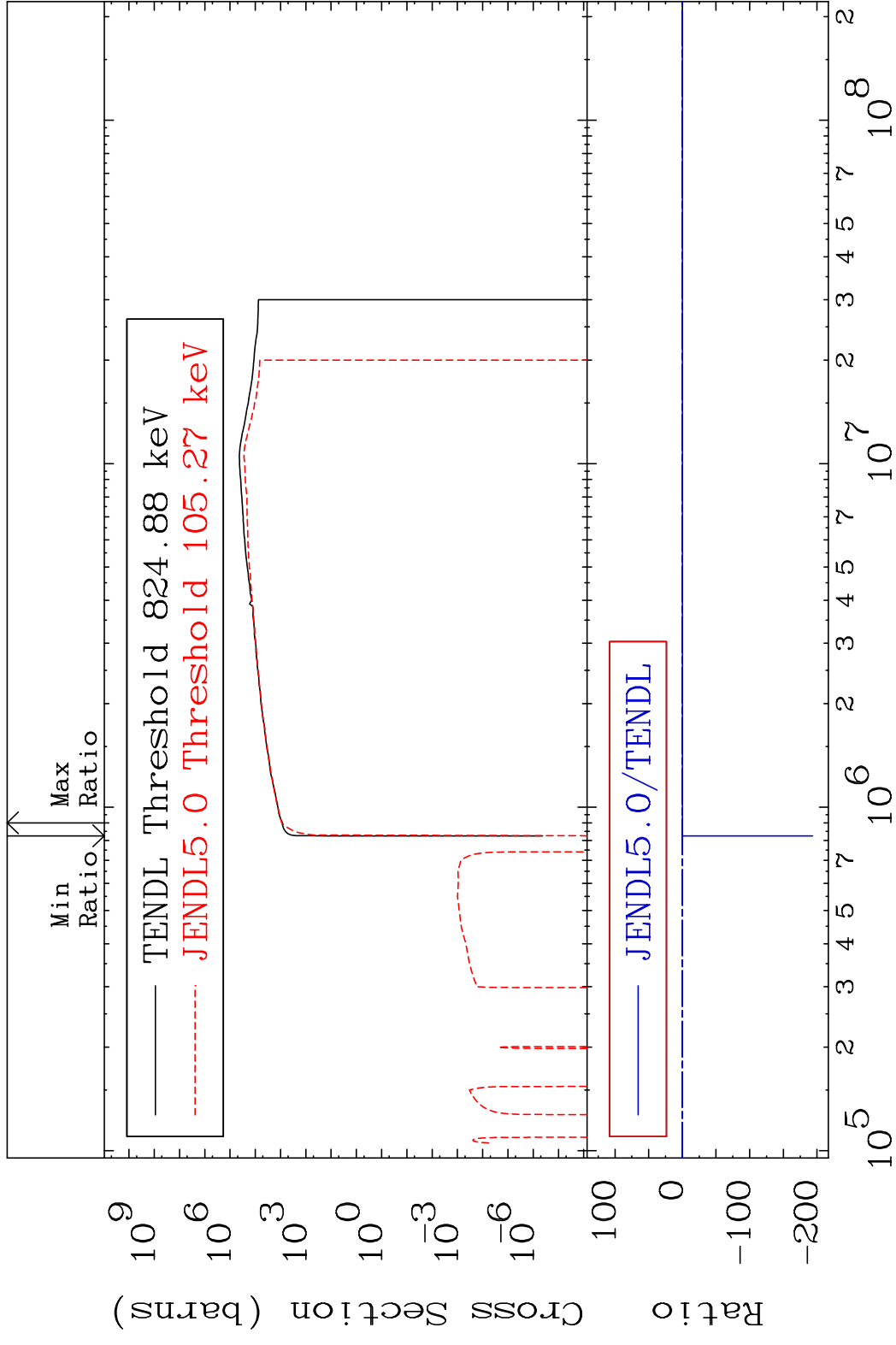
26-Fe-58

MAT 2637 Kerma non-elastic (all but mt2) 26-Fe-58
 Cross Section -97.90 To 1409. %



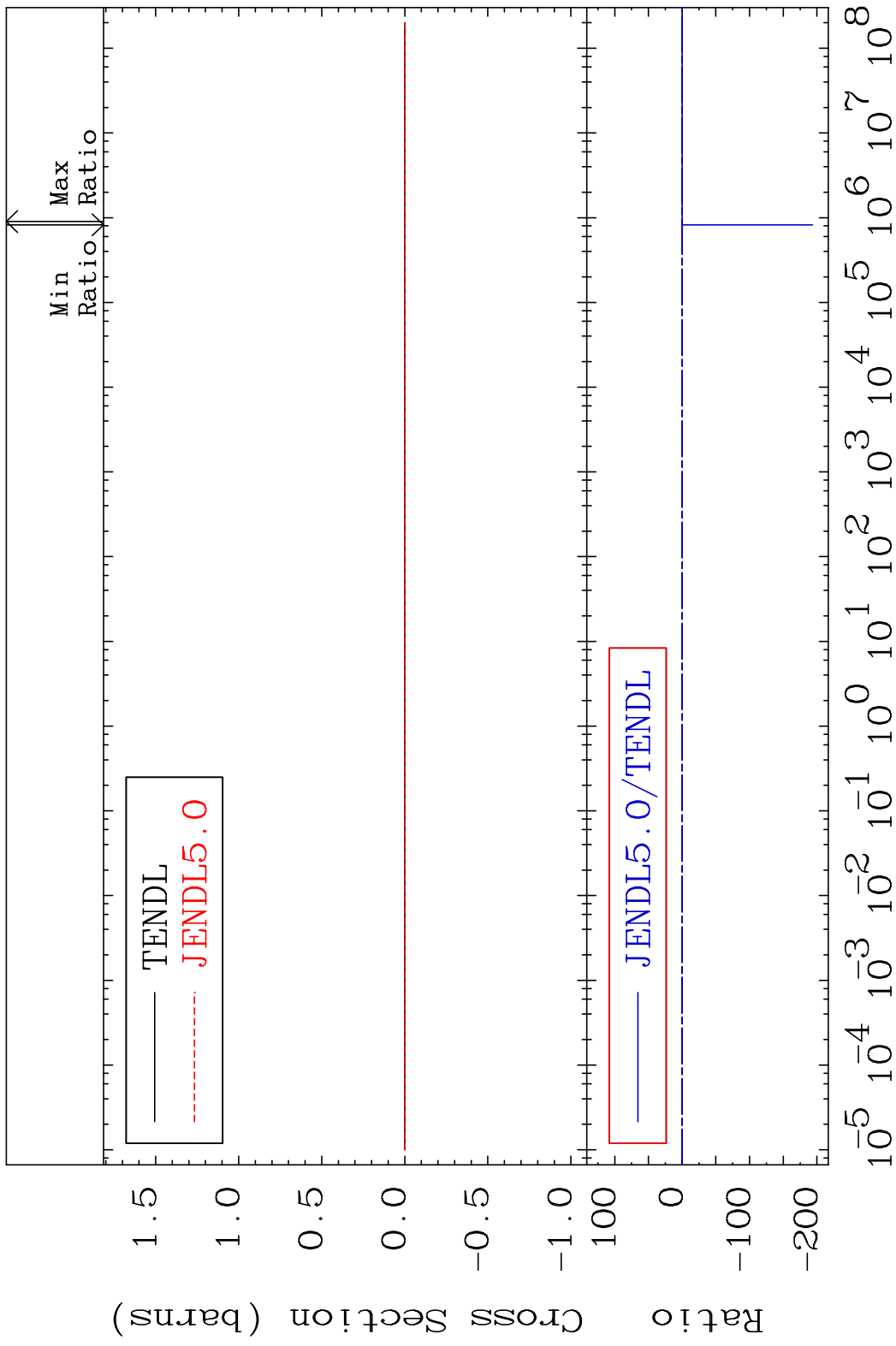
45 Incident Energy (eV) 26-Fe-58

MAT 2637 Kerma inelastic (mt51-91) 26-Fe-58
 Cross Section -9999. To 6.118 %

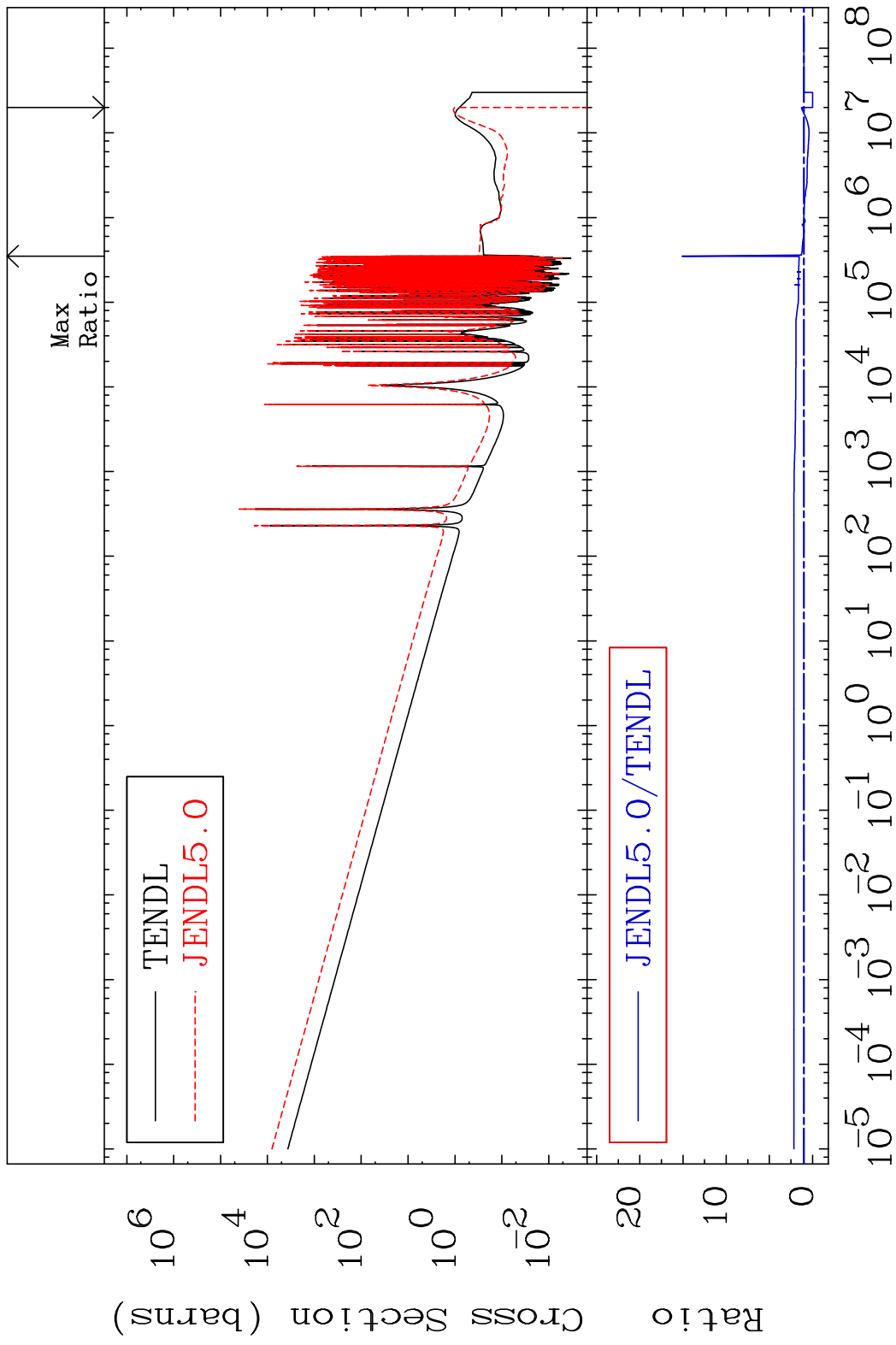


46 Incident Energy (eV) 26-Fe-58

MAT 2637 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-58
 Cross Section -9999. To 6.118 %

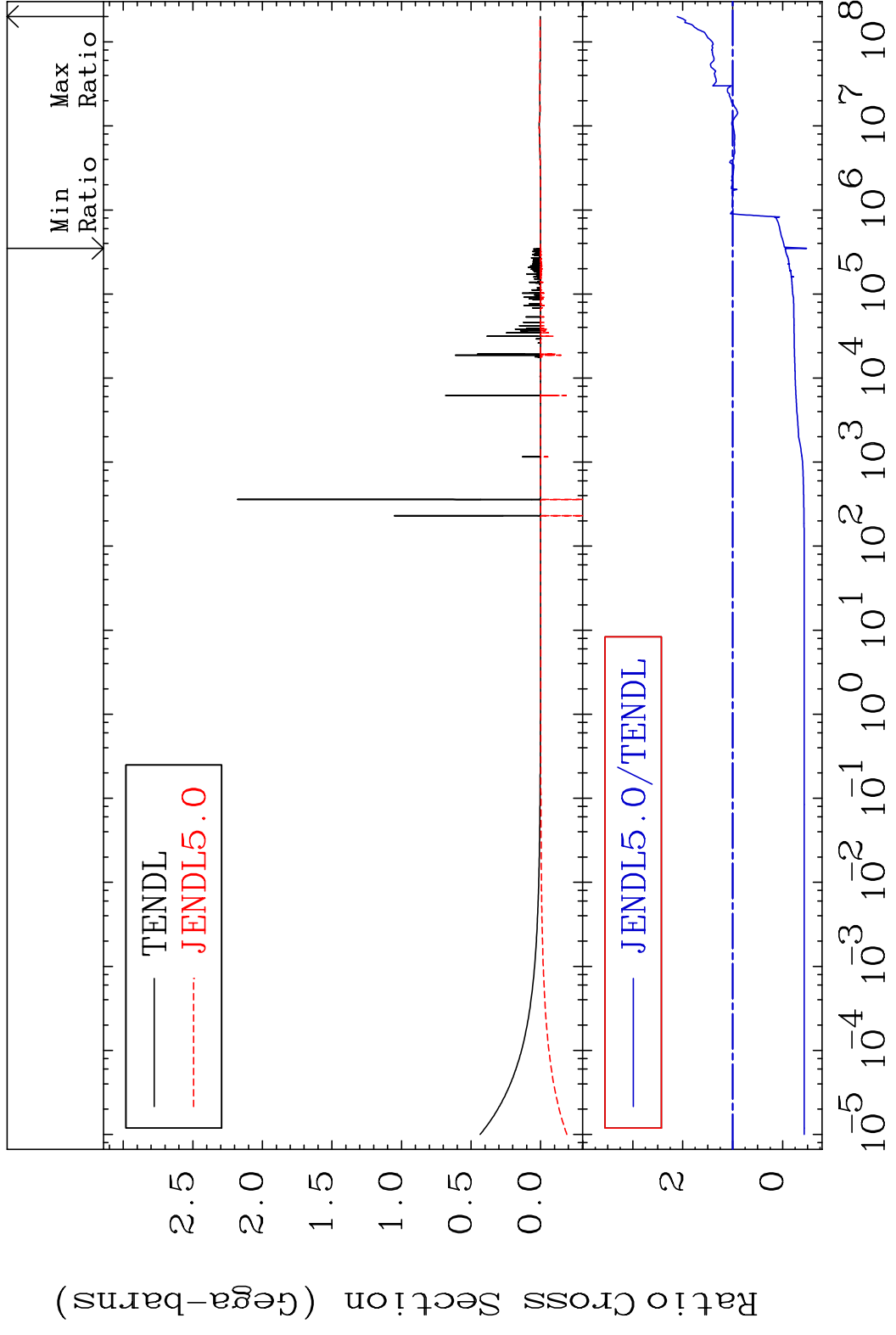


MAT 2637 Kerma capture (mt102) 26-Fe-58
 Cross Section -100.0 To 1408. %



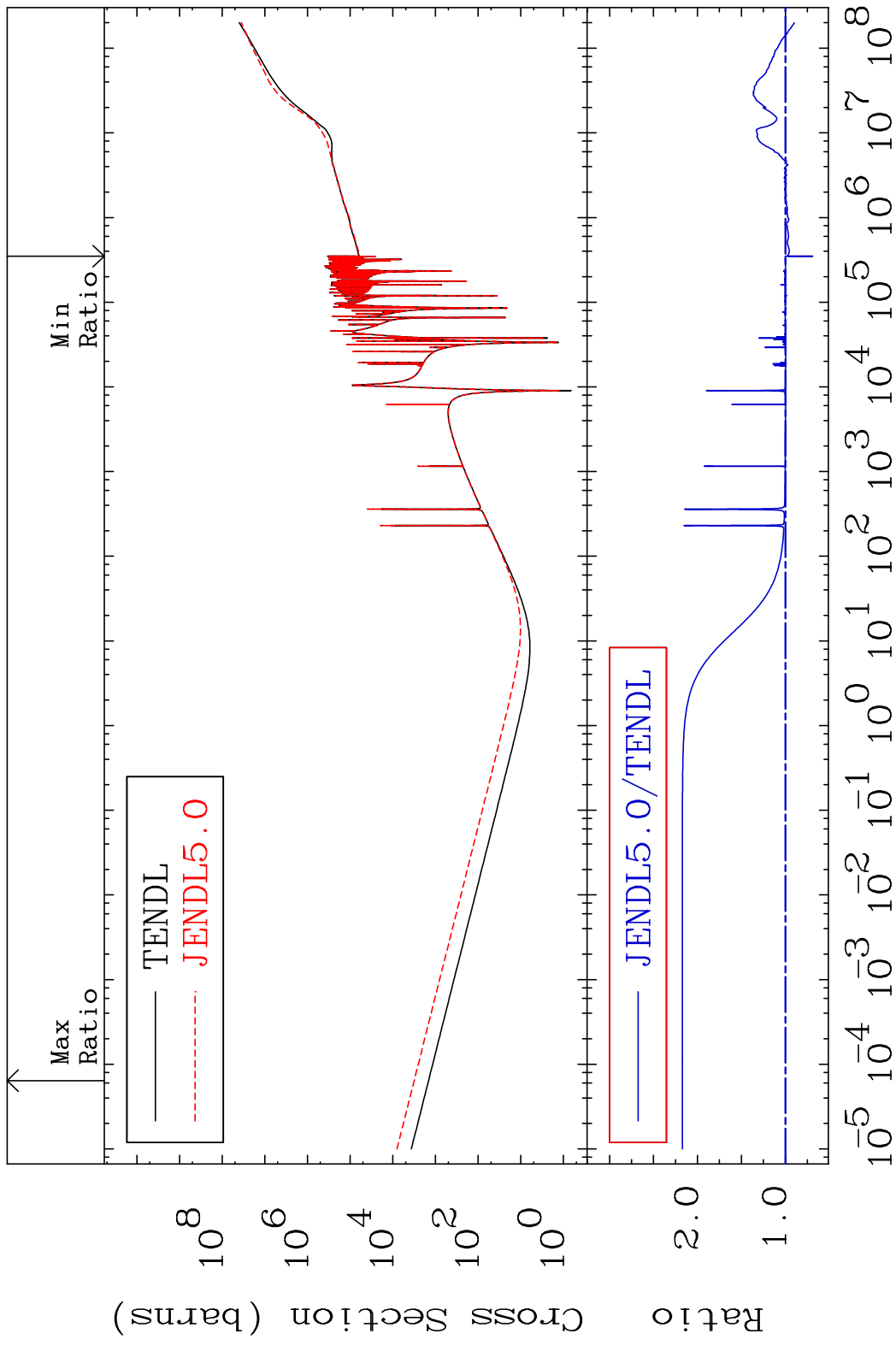
48 Incident Energy (eV) 26-Fe-58

MAT 2637 Total photon (eV-barns) 26-Fe-58
Cross Section -147.6 To 111.1 %



49 Incident Energy (eV) 26-Fe-58

MAT 2637 Total kinematic kerma (high limit) 26-Fe-58
Cross Section -30.94 To 117.2 %

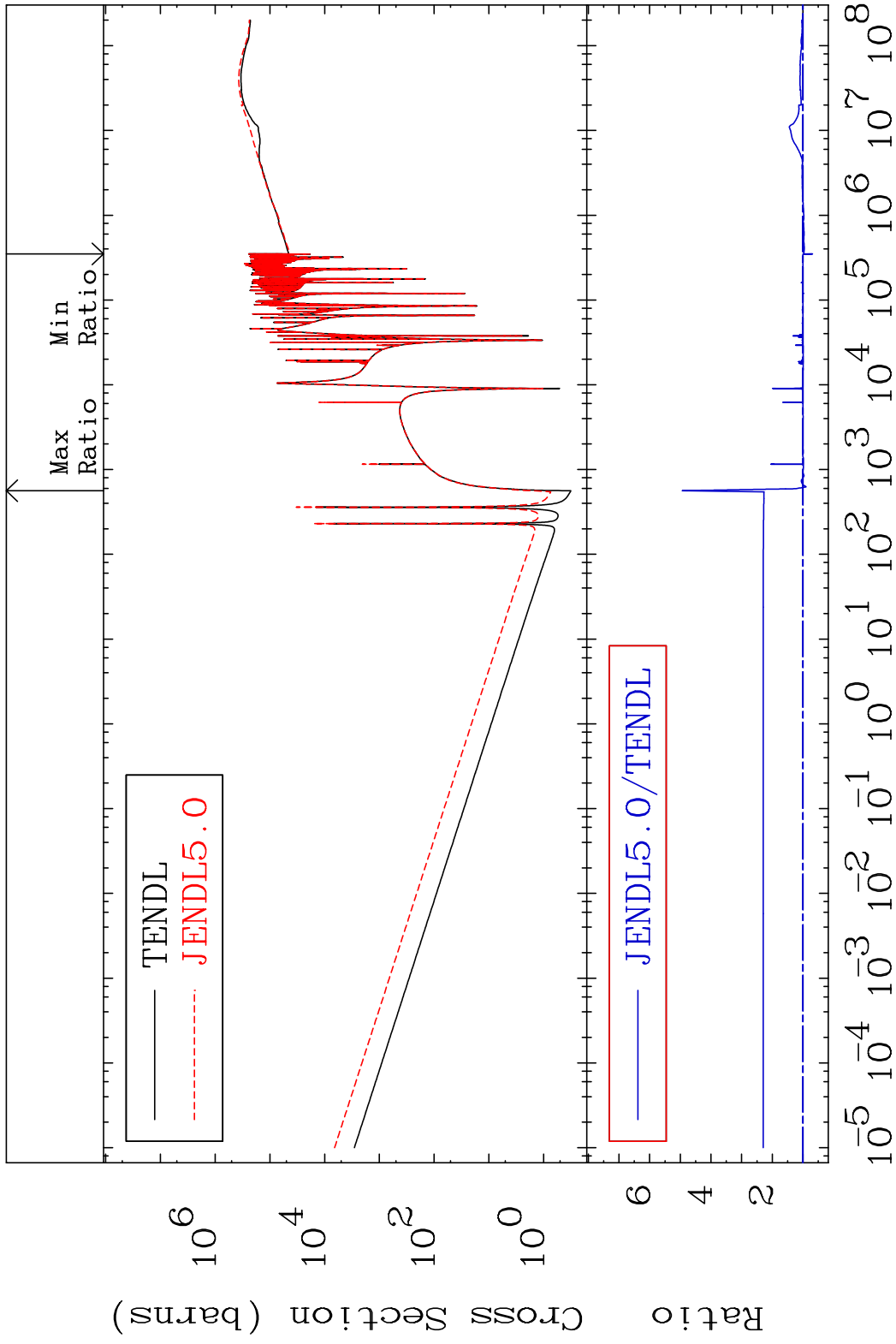


MAT 2637

Dpa total (eV-barns)

26-Fe-58

Cross Section -30.94 To 394.0 %

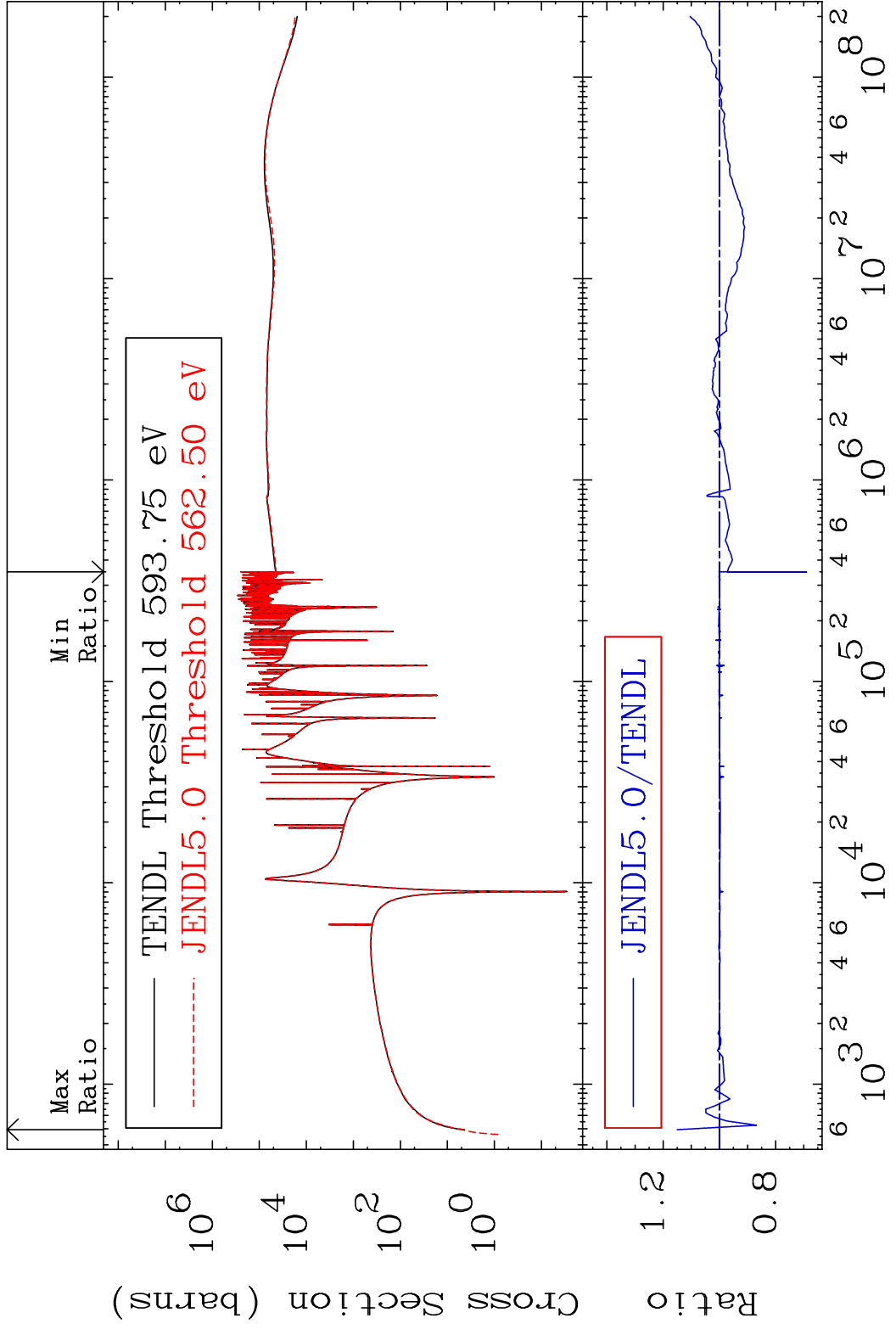


51

Incident Energy (eV)

26-Fe-58

MAT 2637 Dpa elastic (mt2) 26-Fe-58
 Cross Section -30.94 To 15.00 %

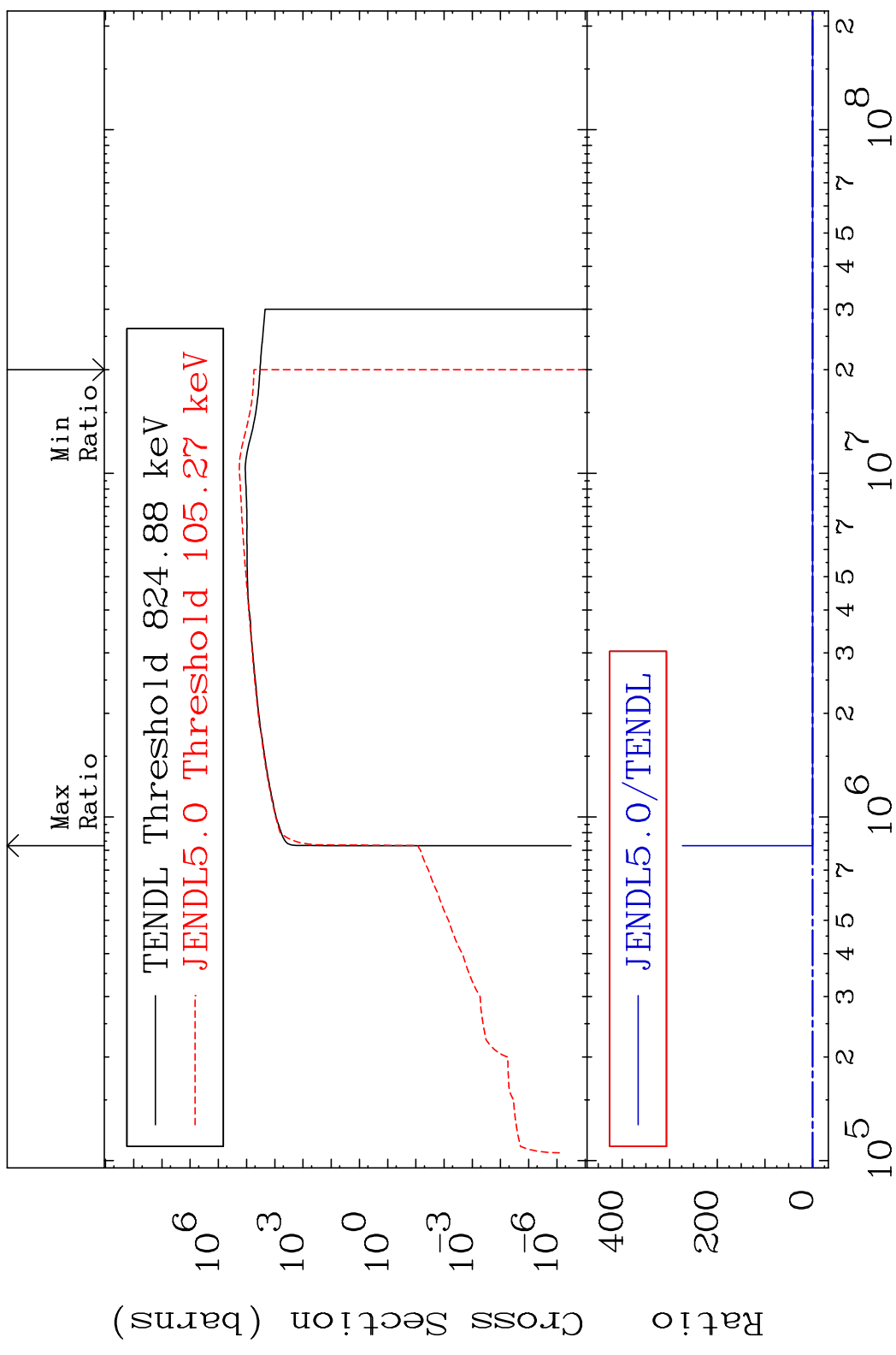


MAT 2637

Dpa inelastic (mt51-91)

26-Fe-58

Cross Section -100.0 To 9999. %

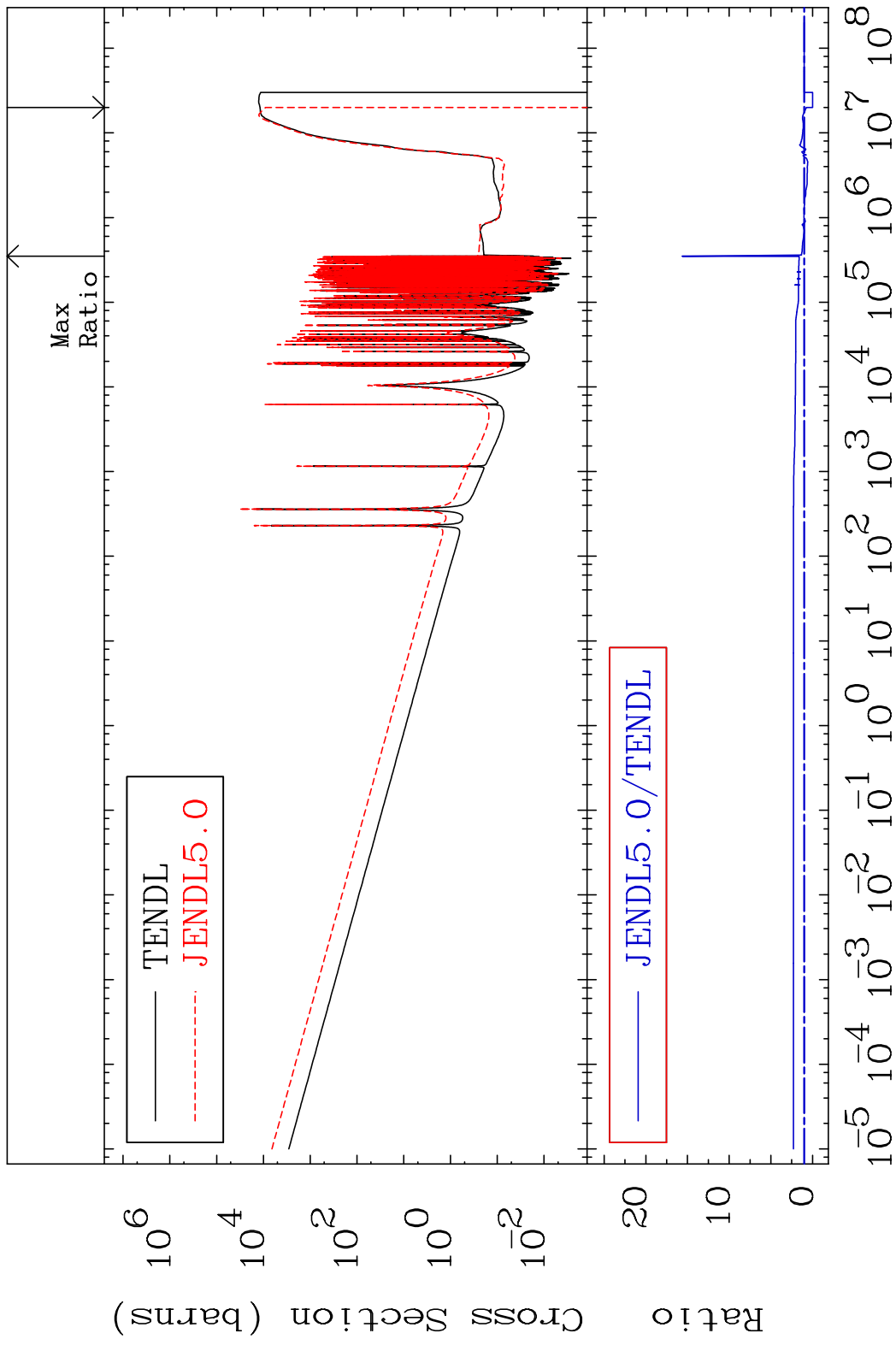


53

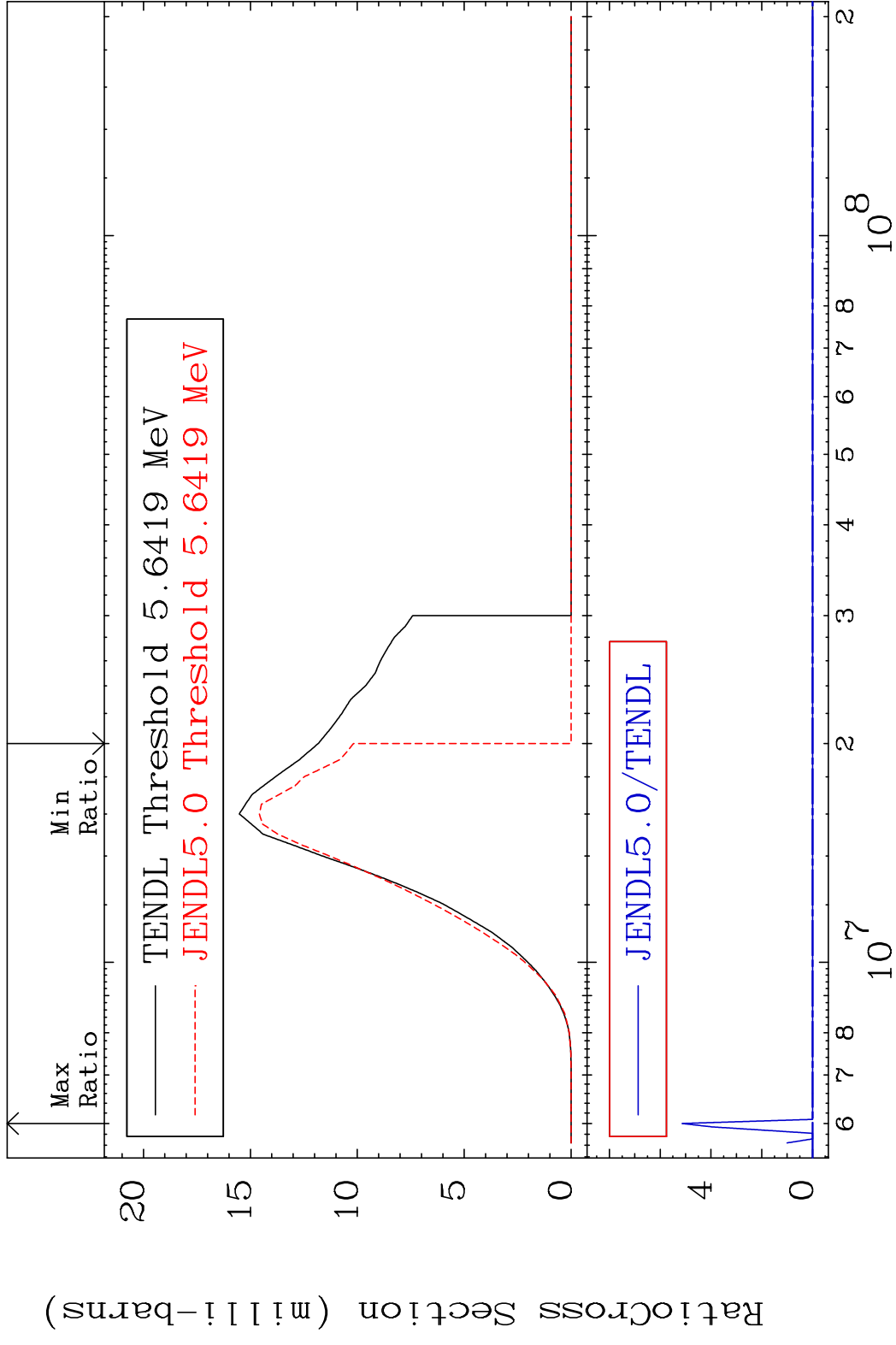
Incident Energy (eV)

26-Fe-58

MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58
 Cross Section -100.0 To 1462. %



MAT 2637 (n, p) : 25-Mn-58g 26-Fe-58
 Radionuclide Production Cross Section 10000.000000000000 %



MAT 2637 (n,p):25-Mn-58m1 26-Fe-58
 Radionuclide Production Cross Section Ratio

