

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

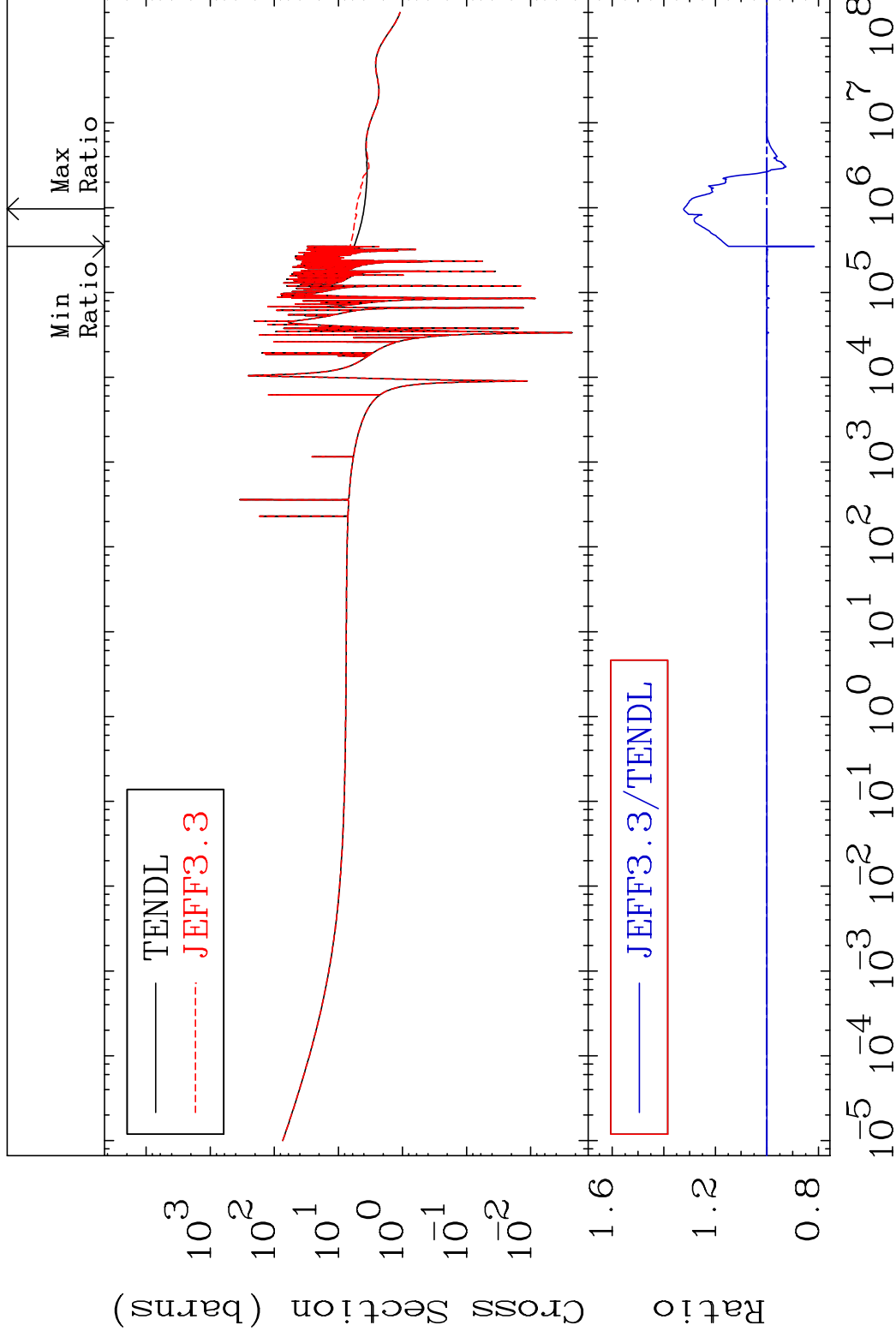
MAT 2637

Total

26-Fe-58

Cross Section

-18.29 To 32.29 %



1

Incident Energy (eV)

26-Fe-58

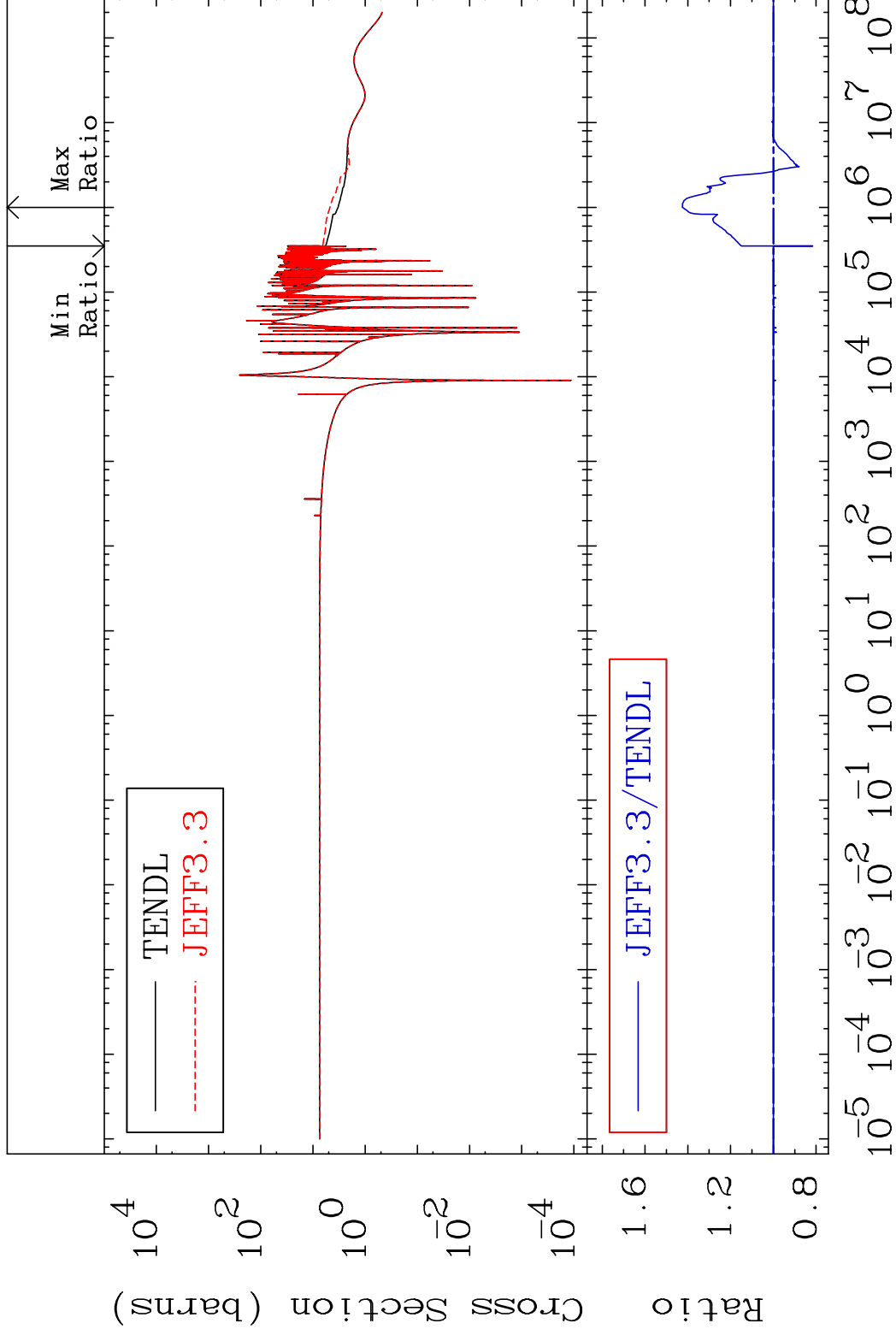
MAT 2637

Elastic

26-Fe-58

Cross Section

-18.34 To 42.54 %



2

Incident Energy (eV)

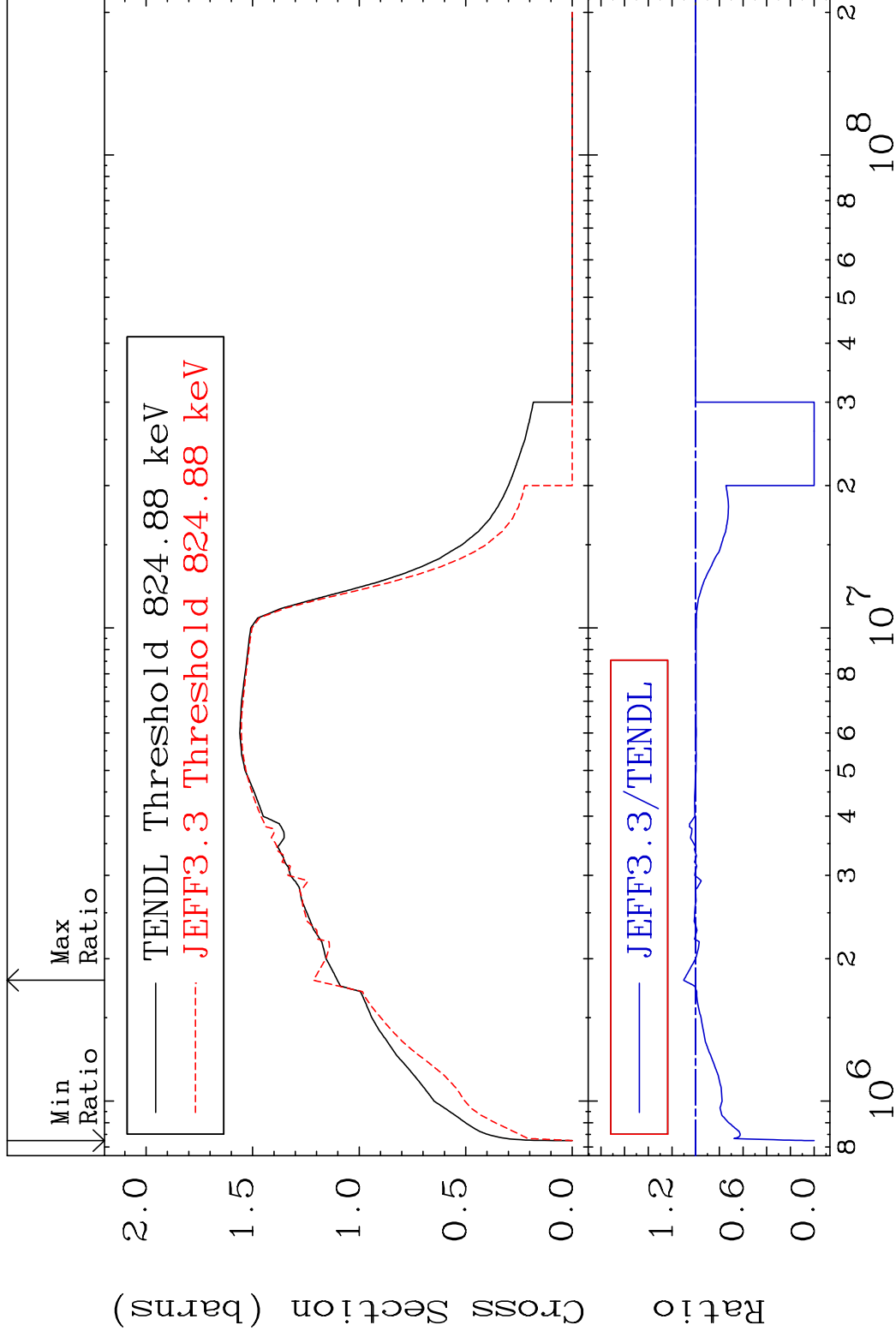
26-Fe-58

MAT 2637

Inelastic

²⁶Fe-58

Cross Section -100.0 To 10.14 %



3

Incident Energy (eV)

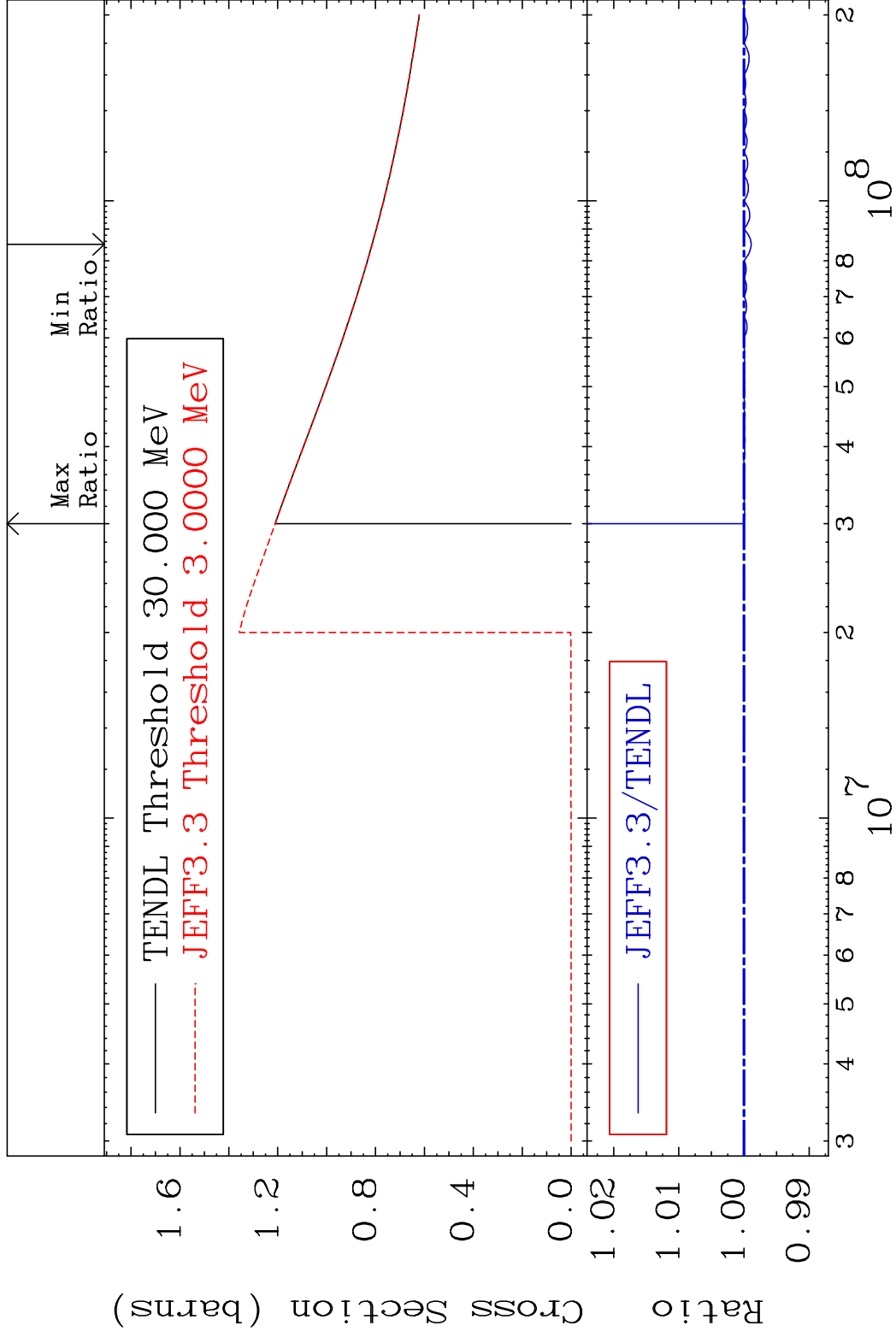
²⁶Fe-58

MAT 2637

(n, remainder)

²⁶Fe-58

Cross Section -0.111 To 0.004 %



4

Incident Energy (eV)

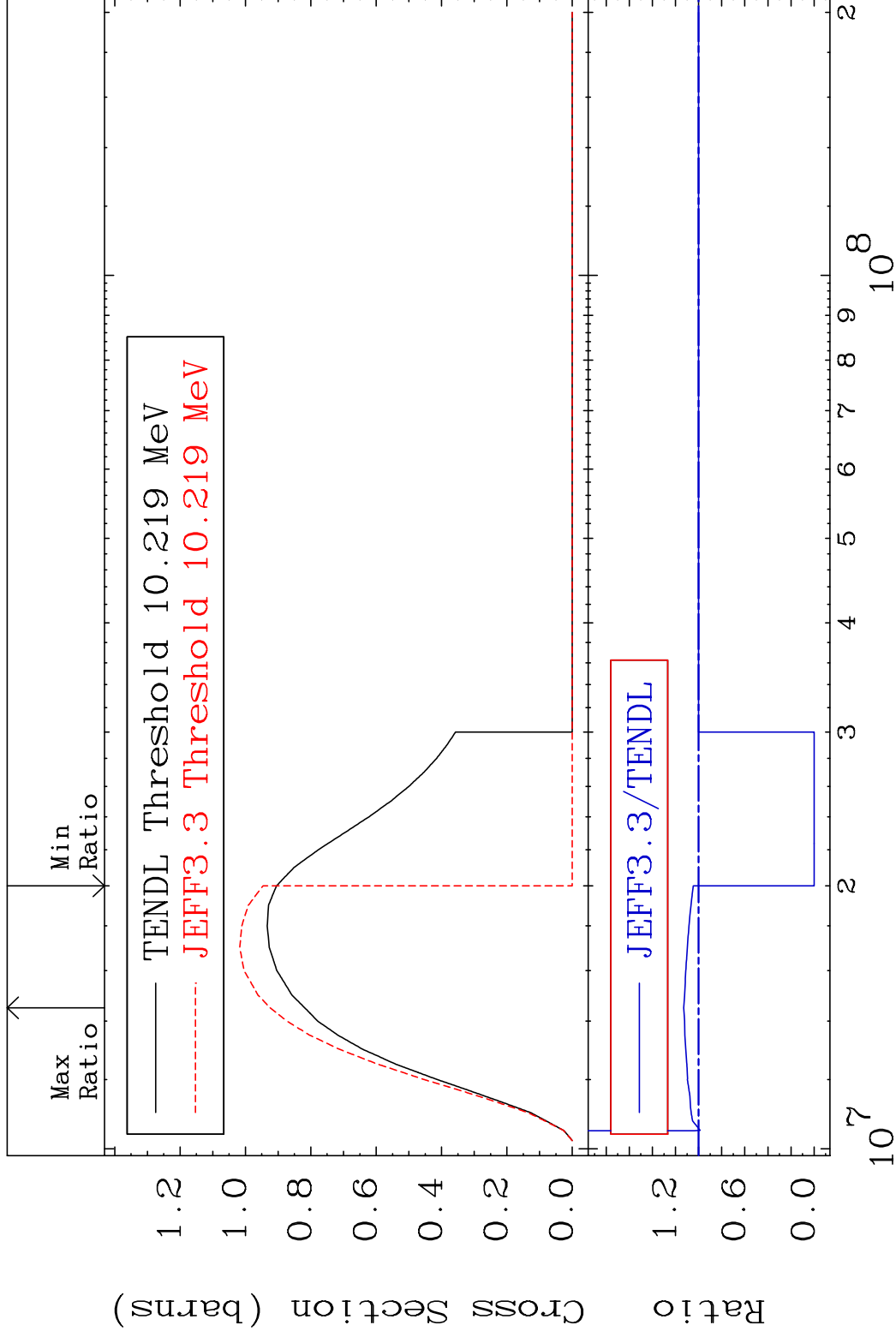
²⁶Fe-58

MAT 2637

(n,2n)

²⁶Fe-58

Cross Section -100.0 To 12.93 %

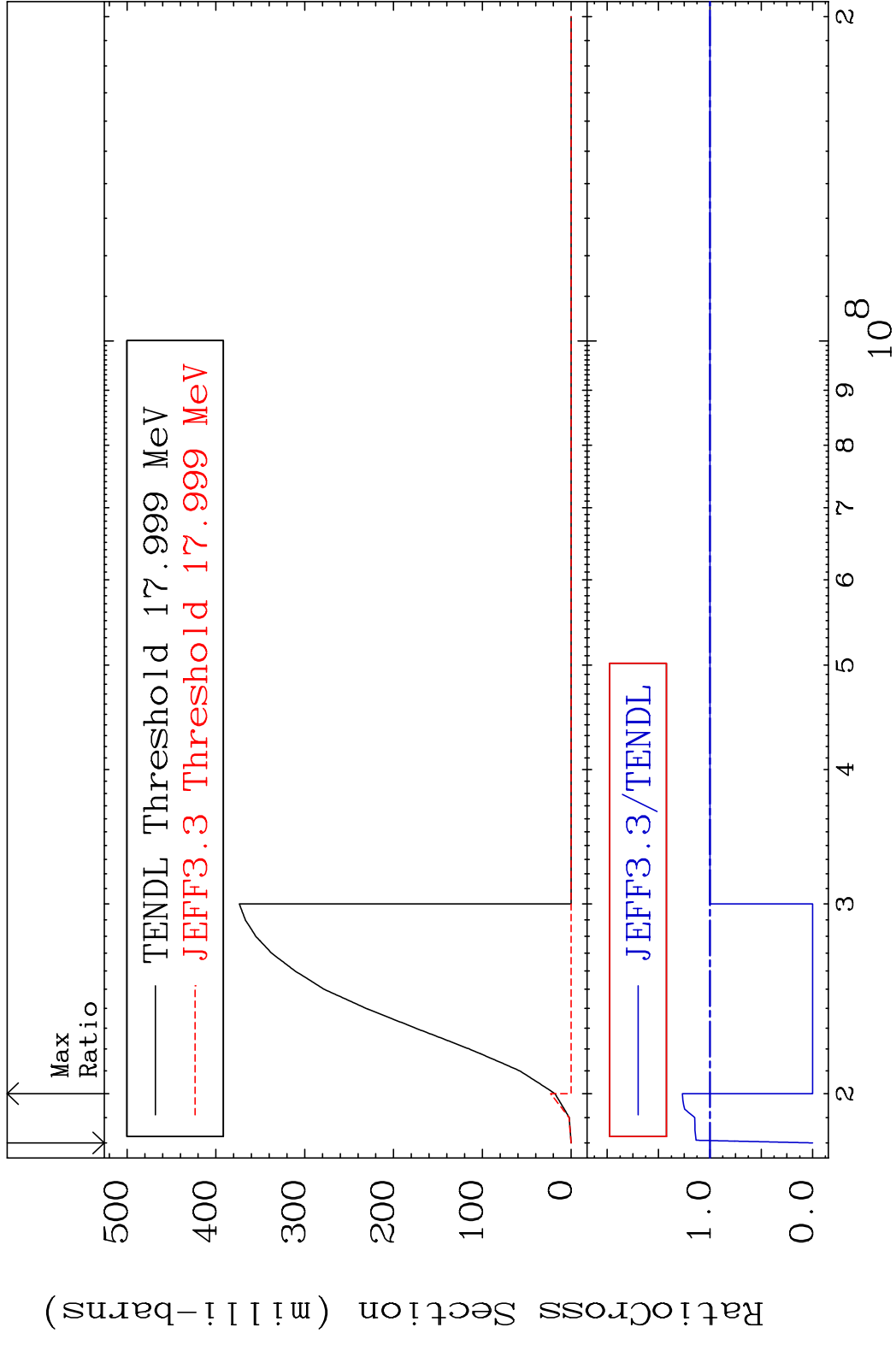


5

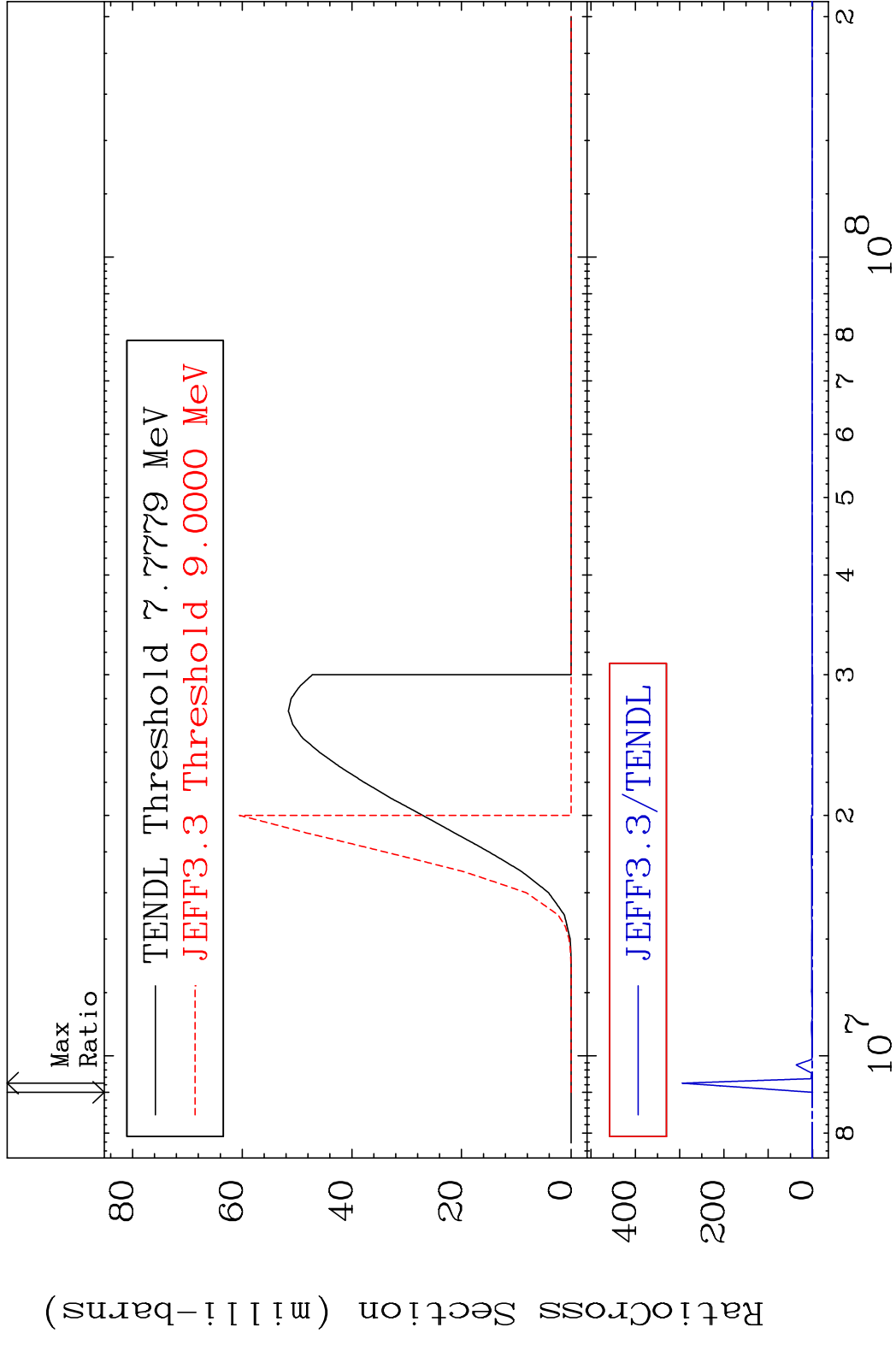
Incident Energy (eV)

²⁶Fe-58

MAT 2637 (n,3n) 26-Fe-58
 Cross Section -100.0 To 26.81 %



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



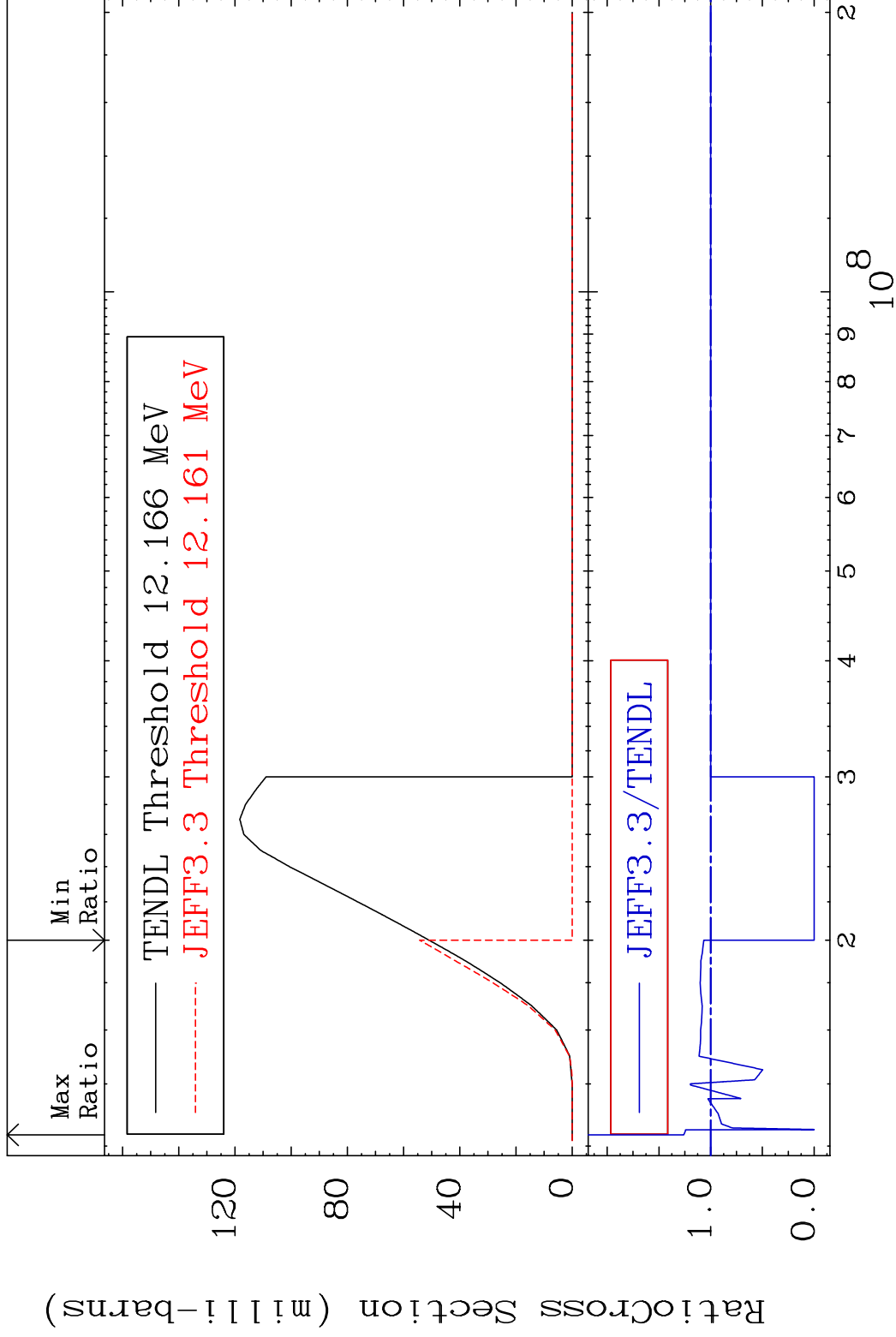
7 Incident Energy (eV) 26-Fe-58

MAT 2637

(n, n') p

²⁶Fe-58

Cross Section -100.0 To 26.08 %

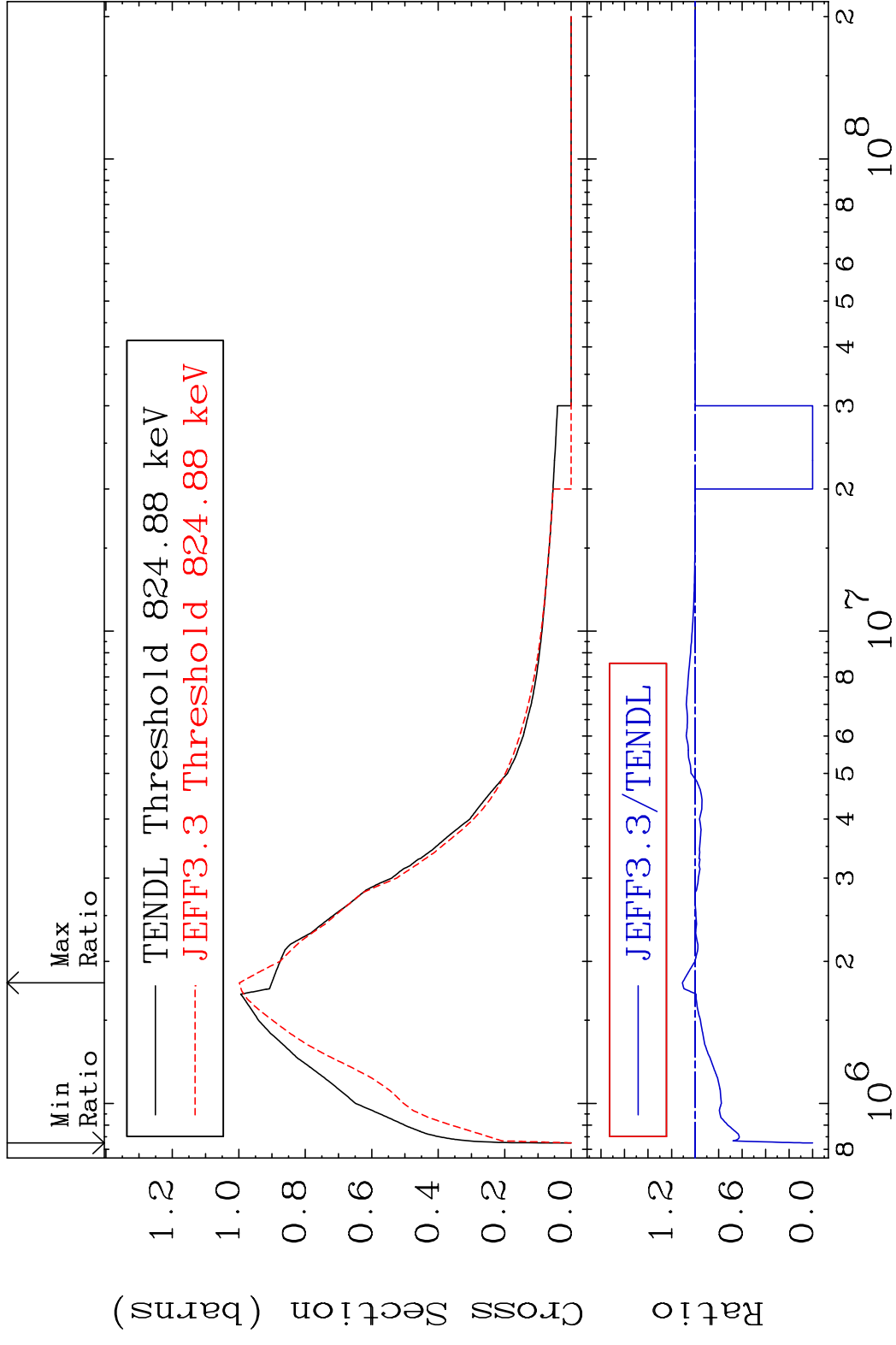


8

Incident Energy (eV)

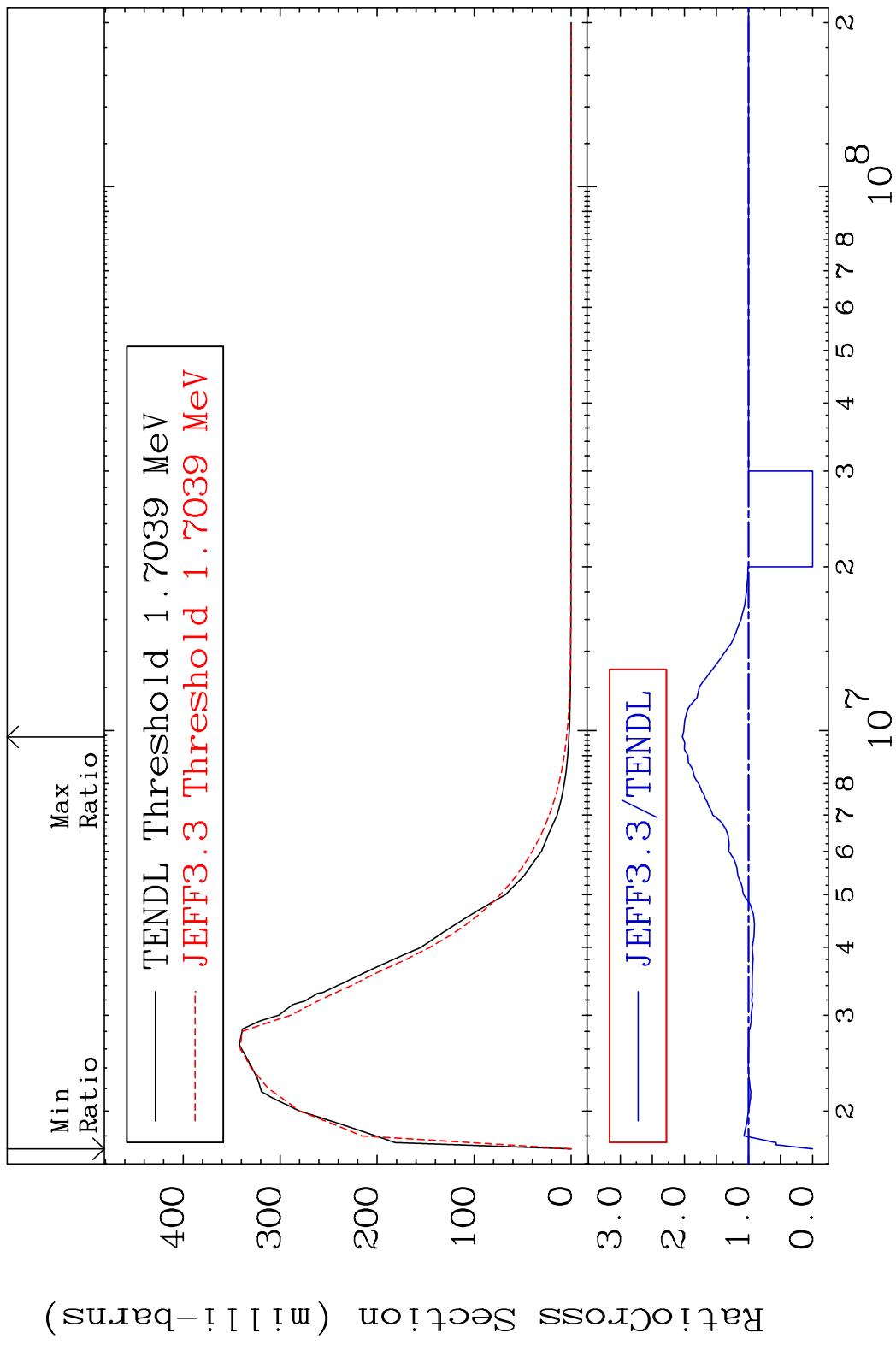
²⁶Fe-58

MAT 2637 MT= 51 (n,n') Level 26-Fe-58
 Cross Section -100.0 To 10.82 %



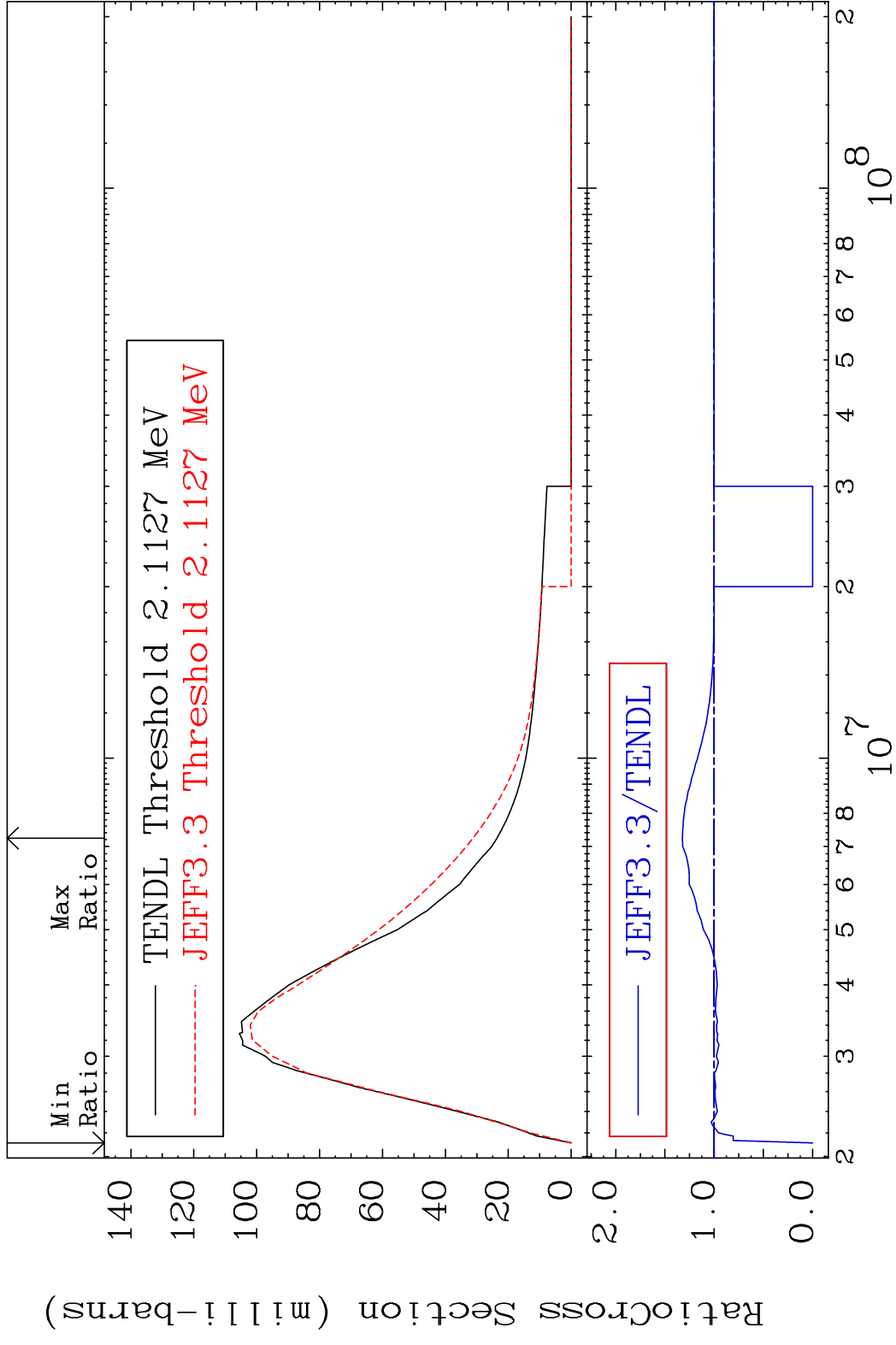
9 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 52 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 103.2 %

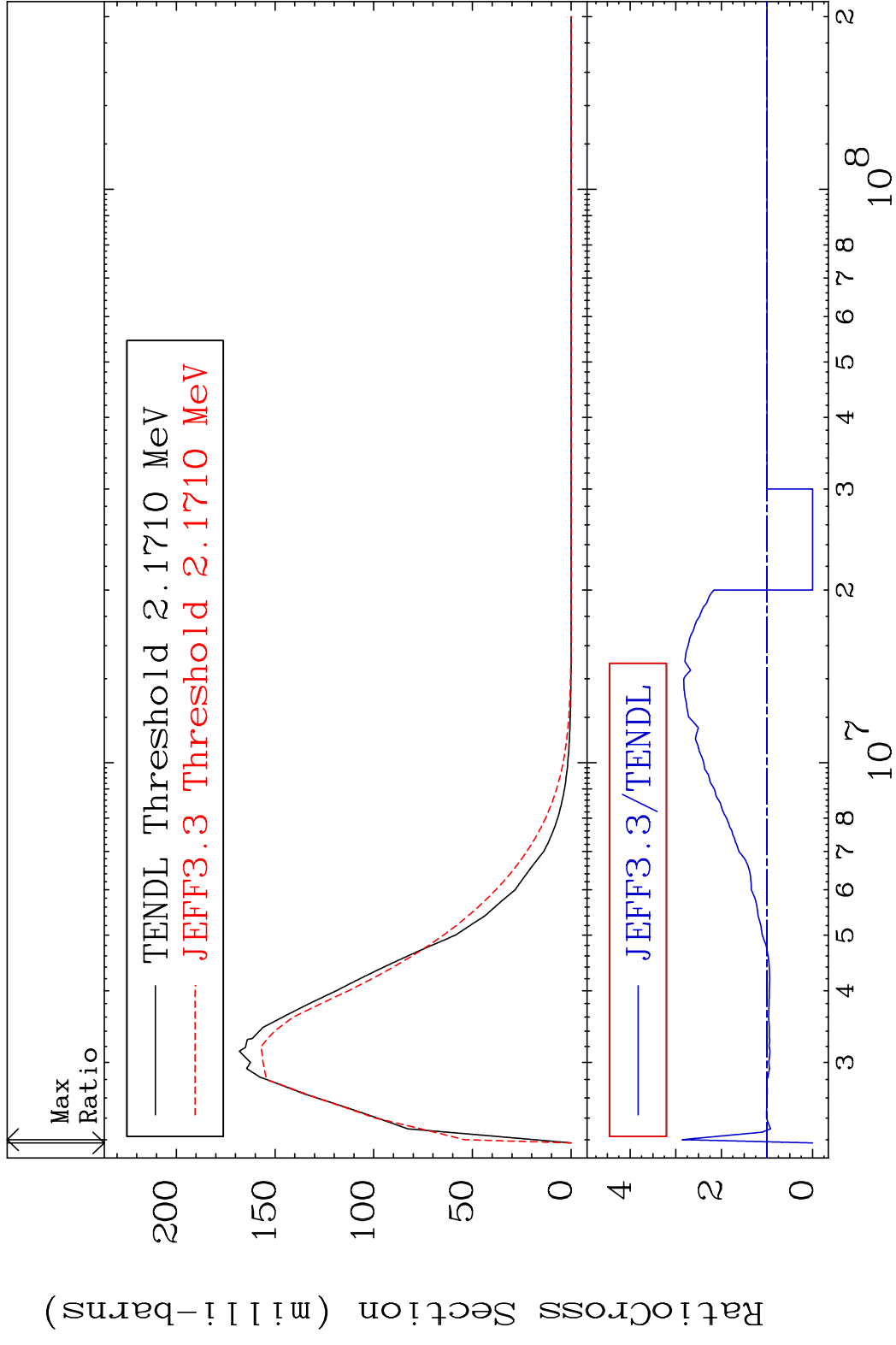


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 26-Fe-58

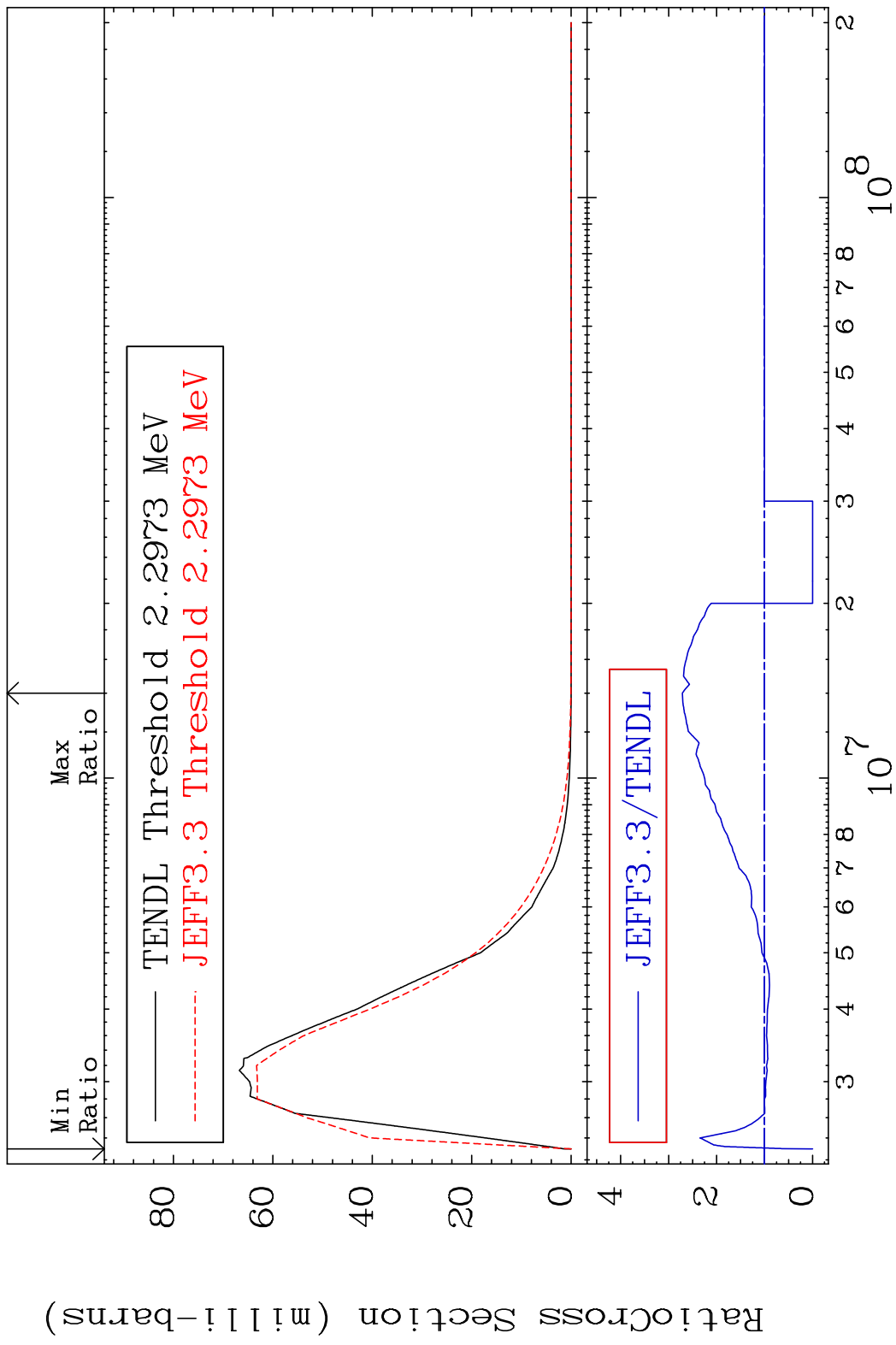
MAT 2637 MT= 53 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 32.29 %



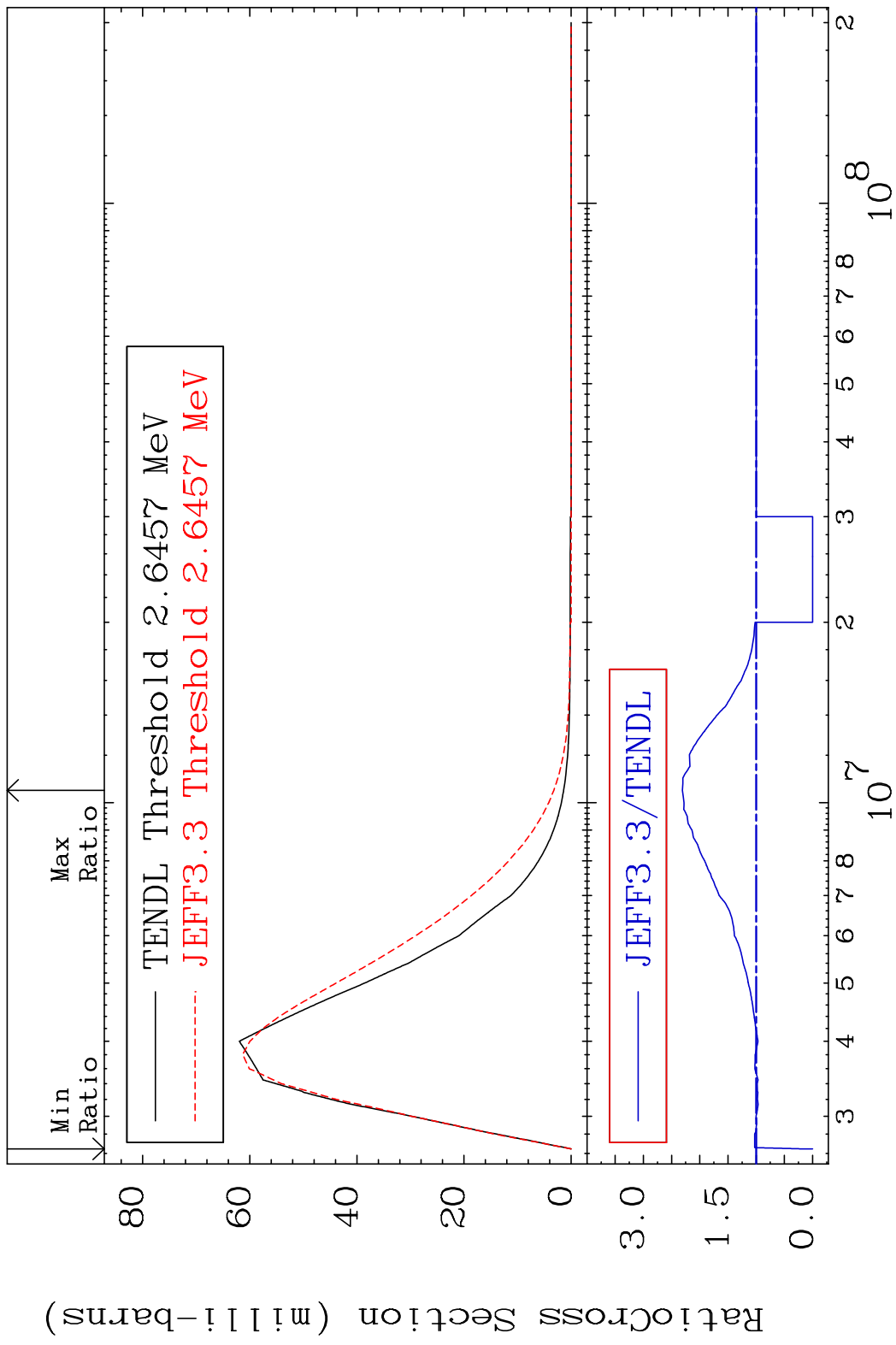
MAT 2637 MT= 54 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 185.6 %



MAT 2637 MT= 55 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 171.4 %

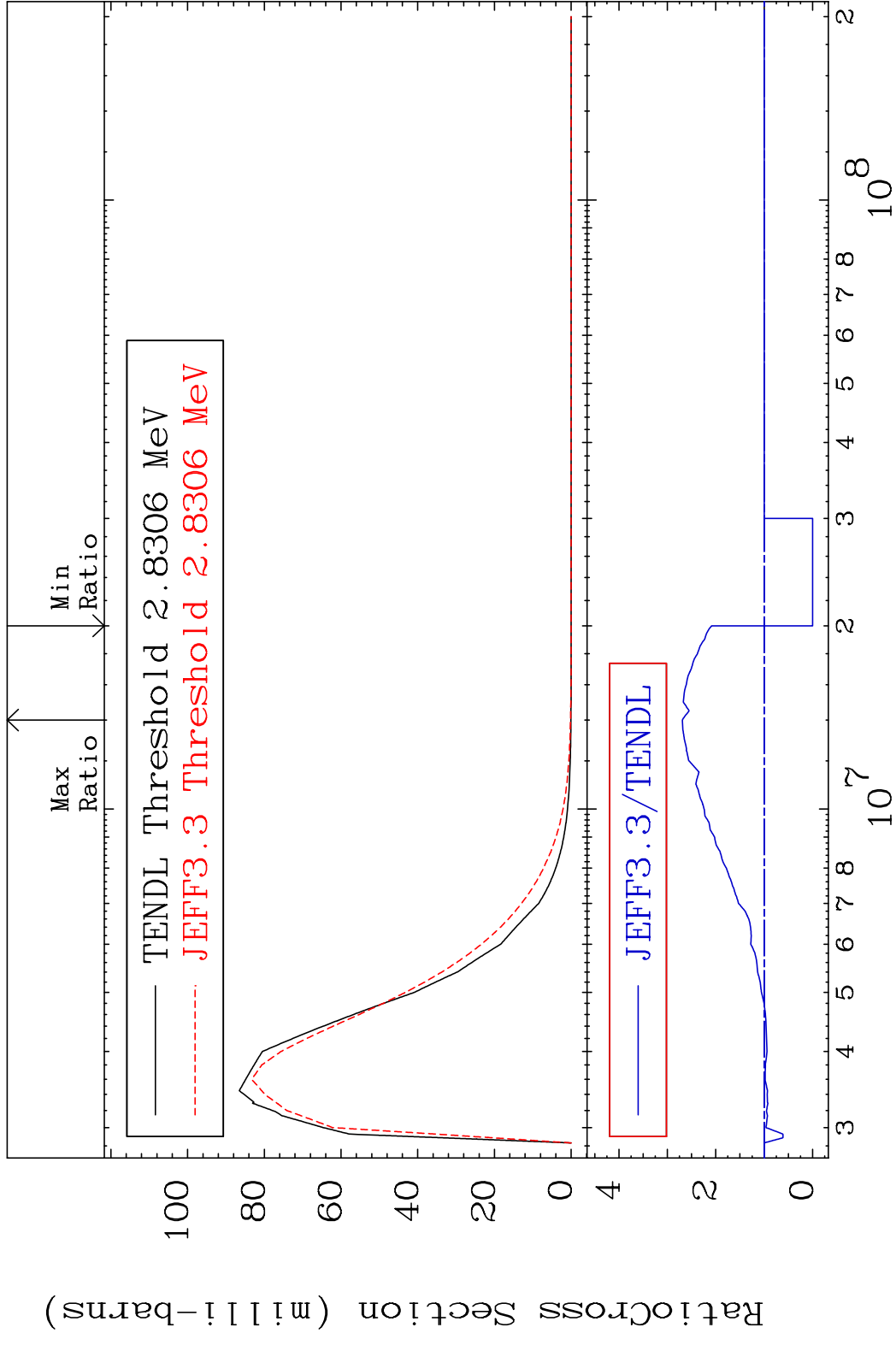


MAT 2637 MT= 56 (n,n') Level 26-Fe-58
 Cross Section -100.0 To 130.9 %



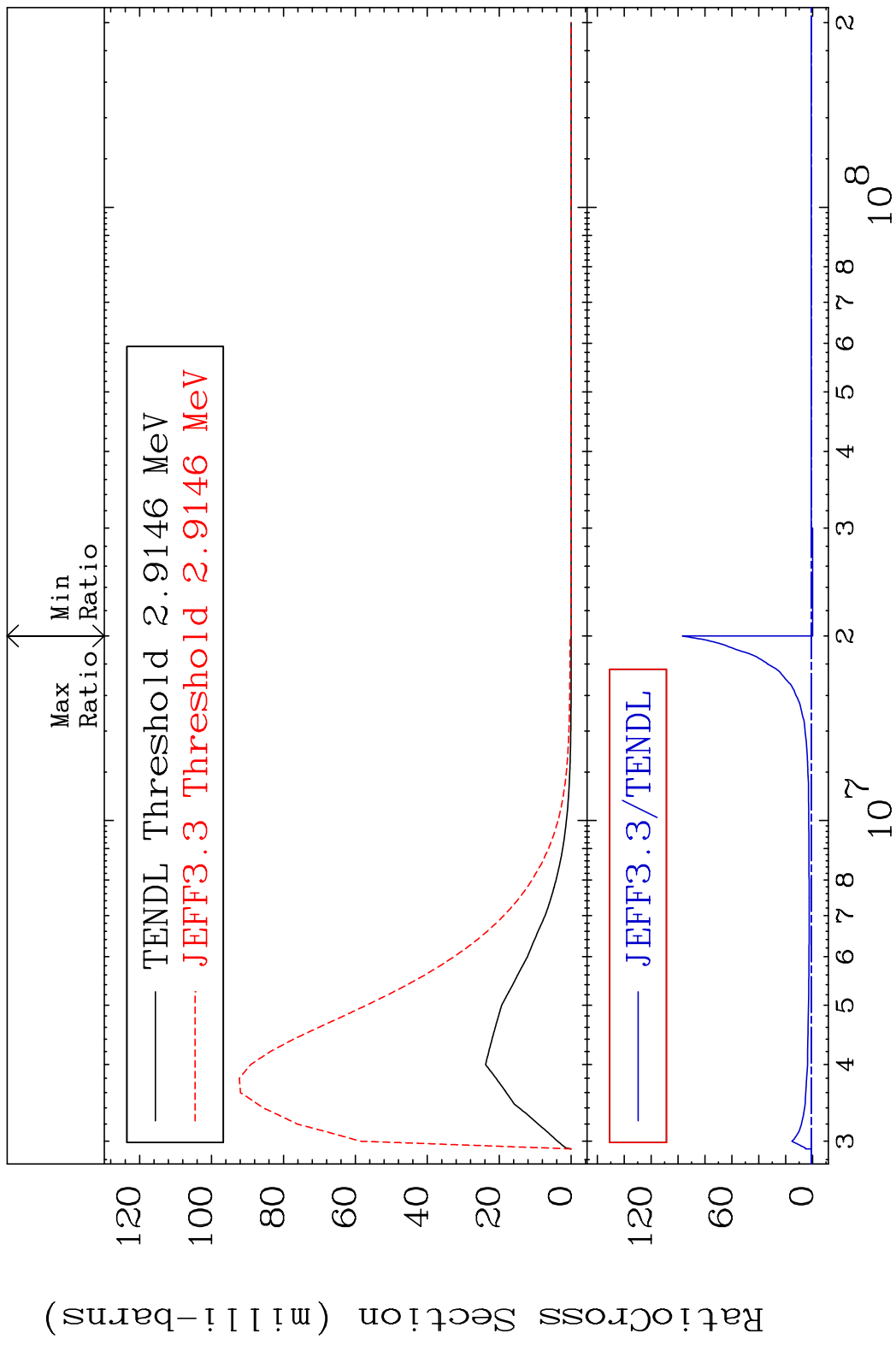
14 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 57 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 169.1 %

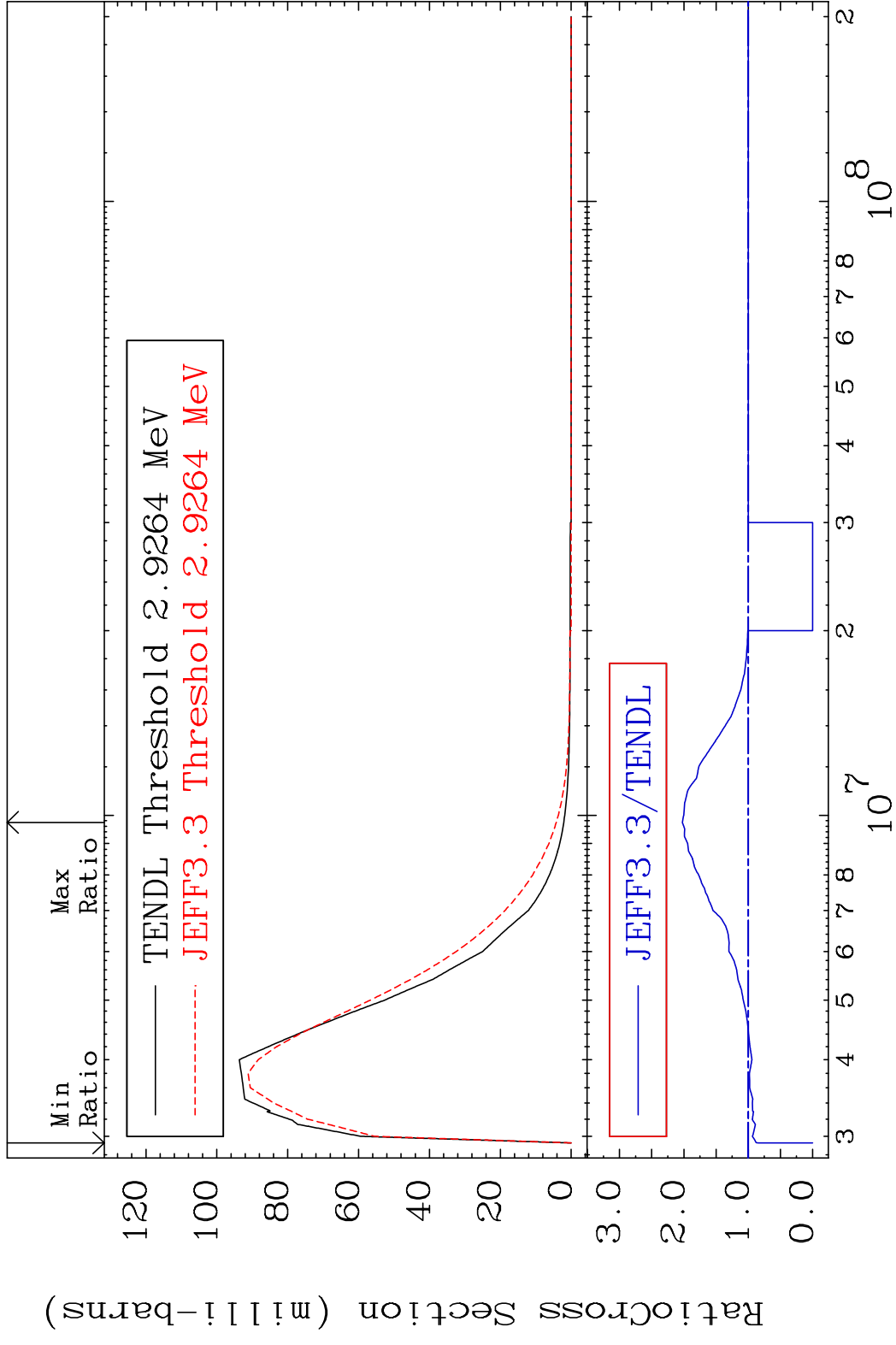


15 Incident Energy (eV) 26-Fe-58

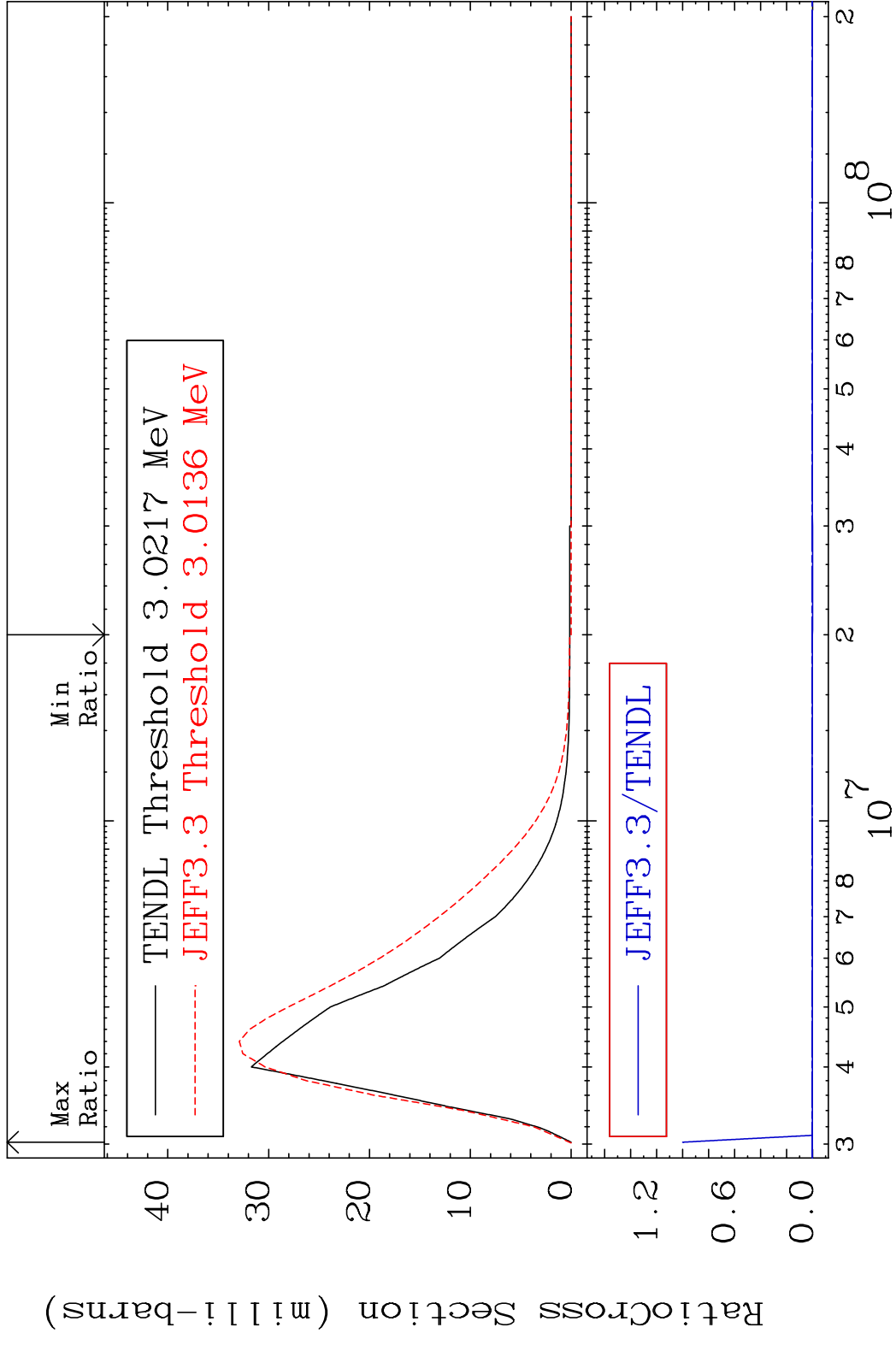
MAT 2637 MT= 58 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 9578. %



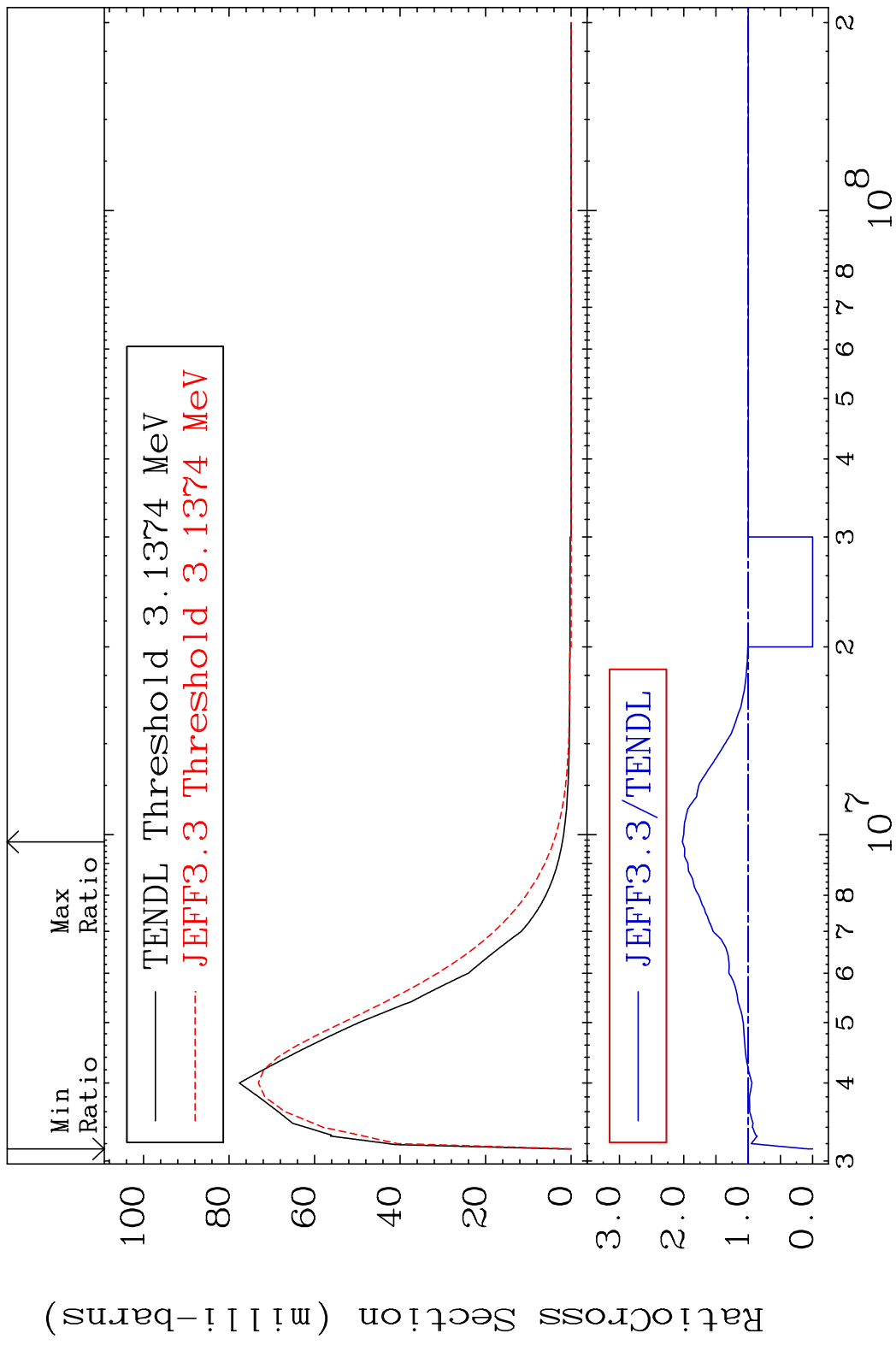
MAT 2637 MT= 59 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 102.4 %



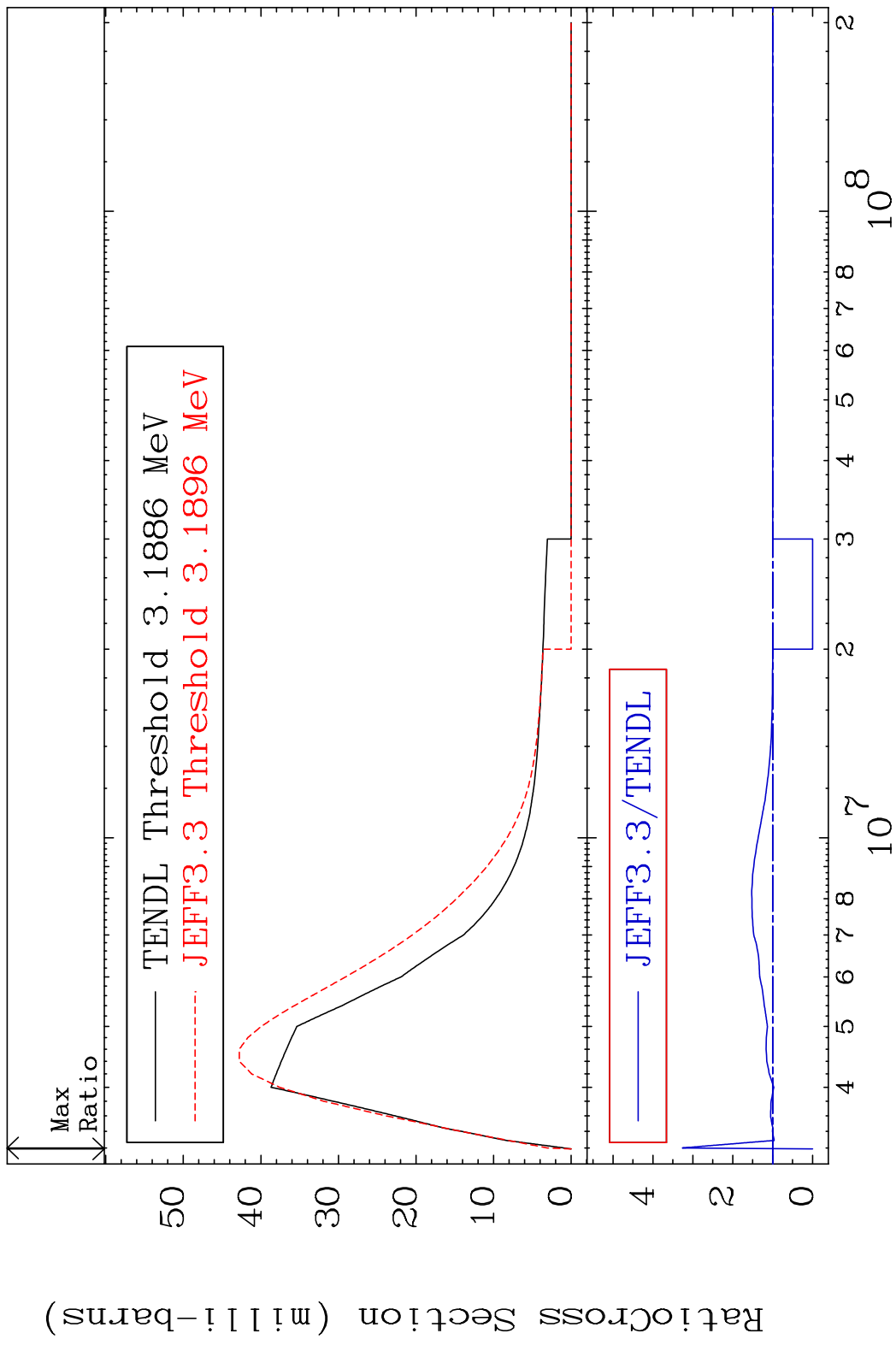
MAT 2637 MT= 60 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 9999. %



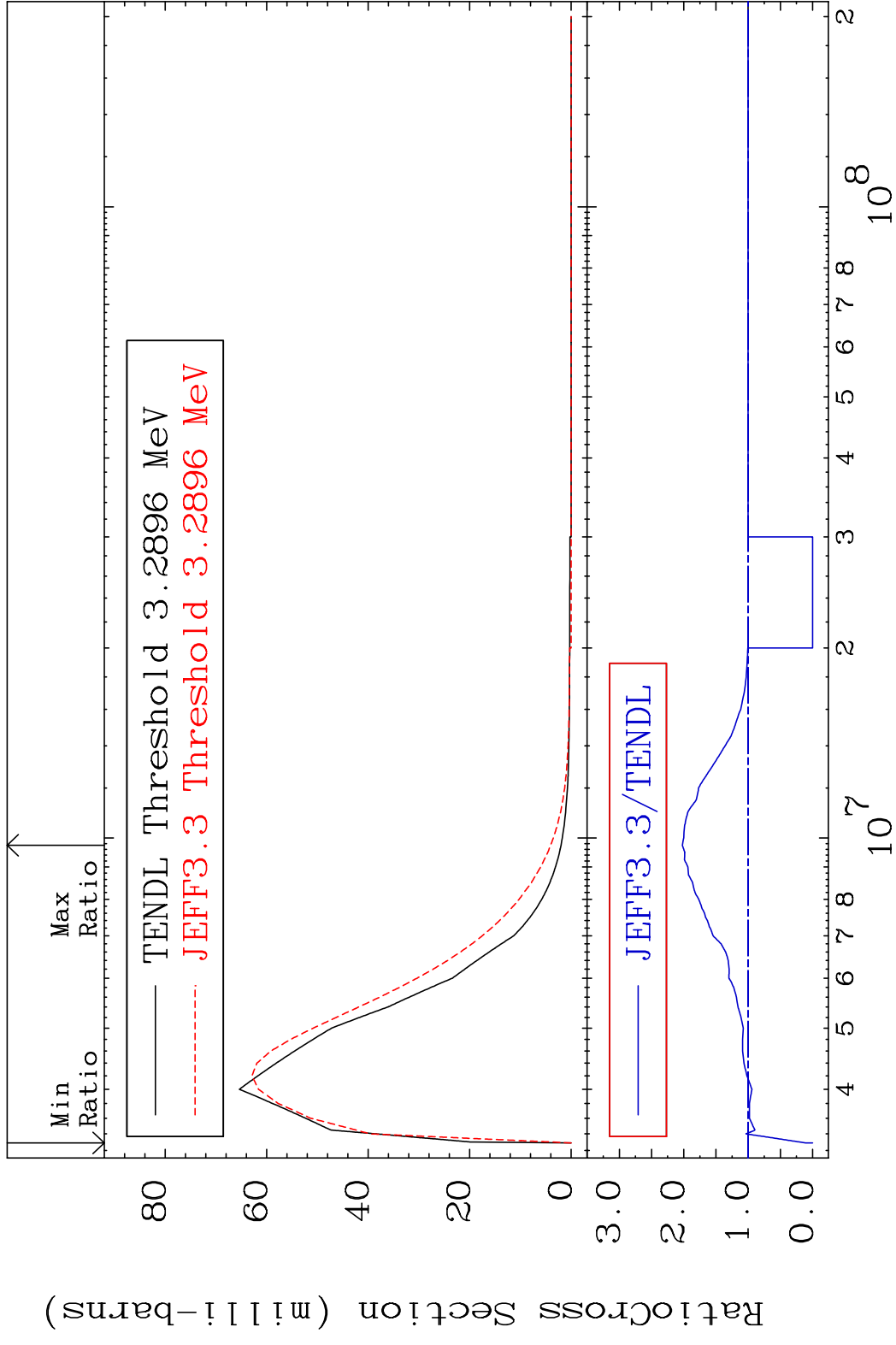
MAT 2637 MT= 61 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 102.3 %



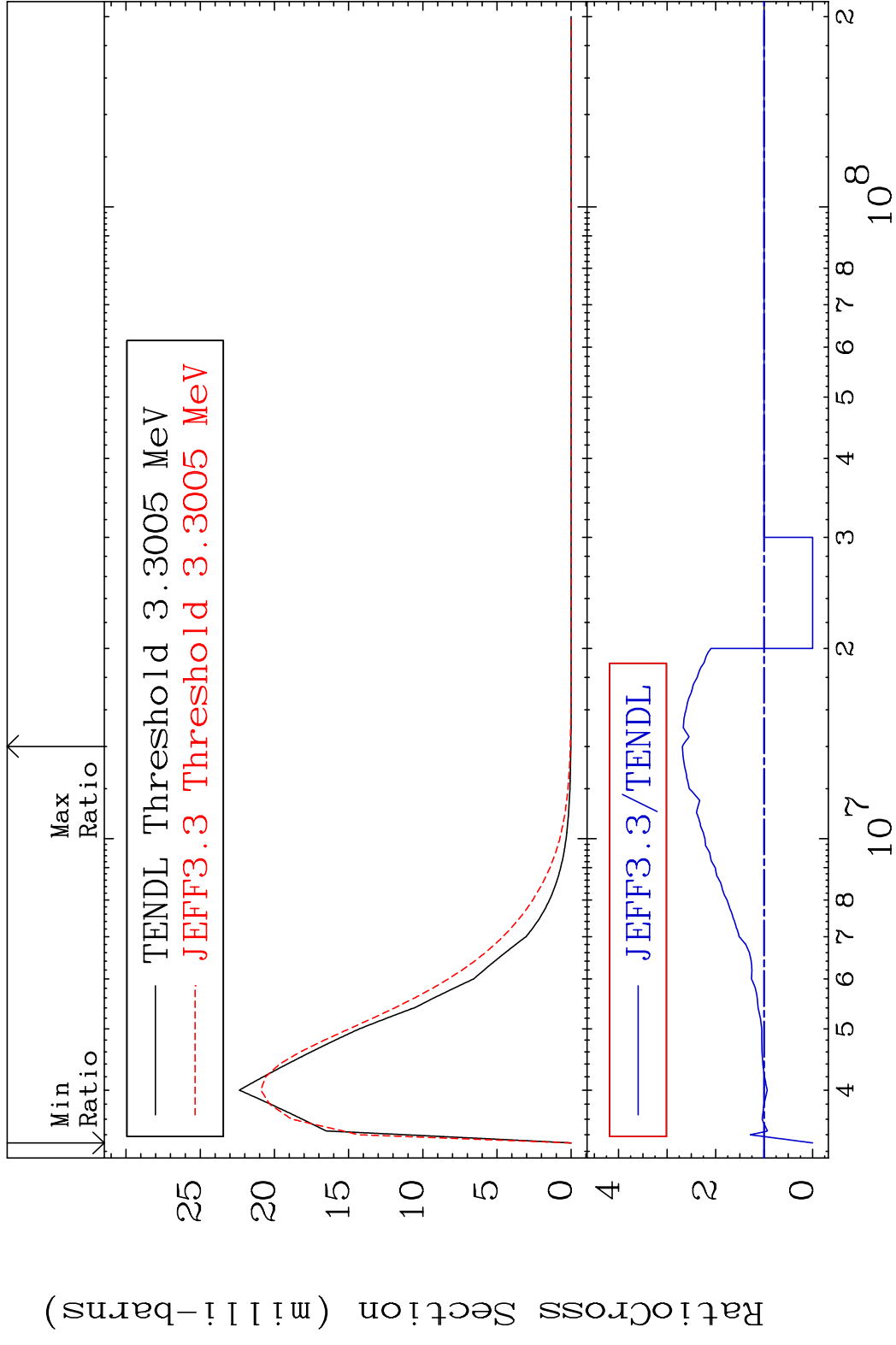
MAT 2637 MT= 62 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 226.3 %



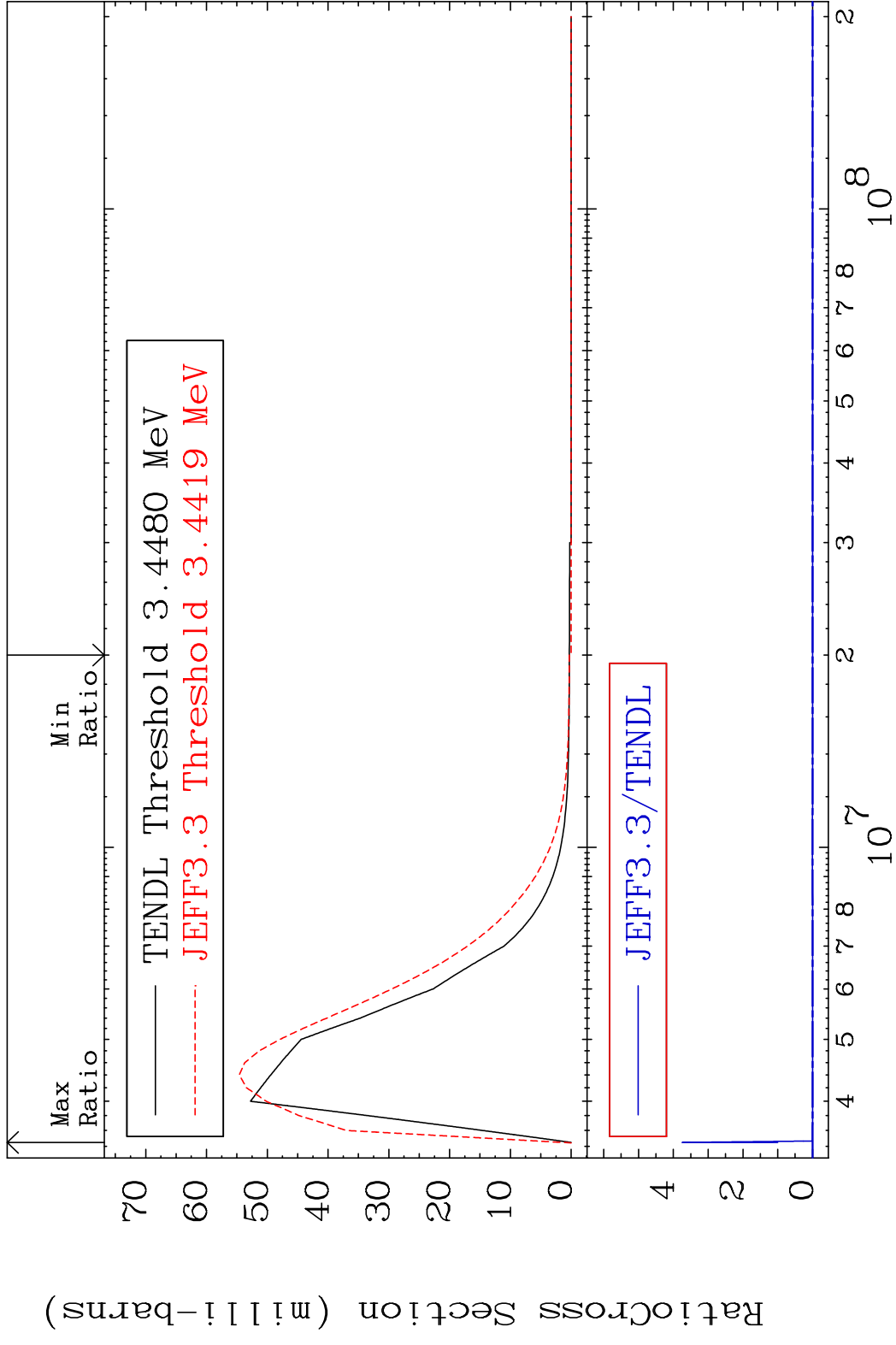
MAT 2637 MT= 63 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 102.2 %



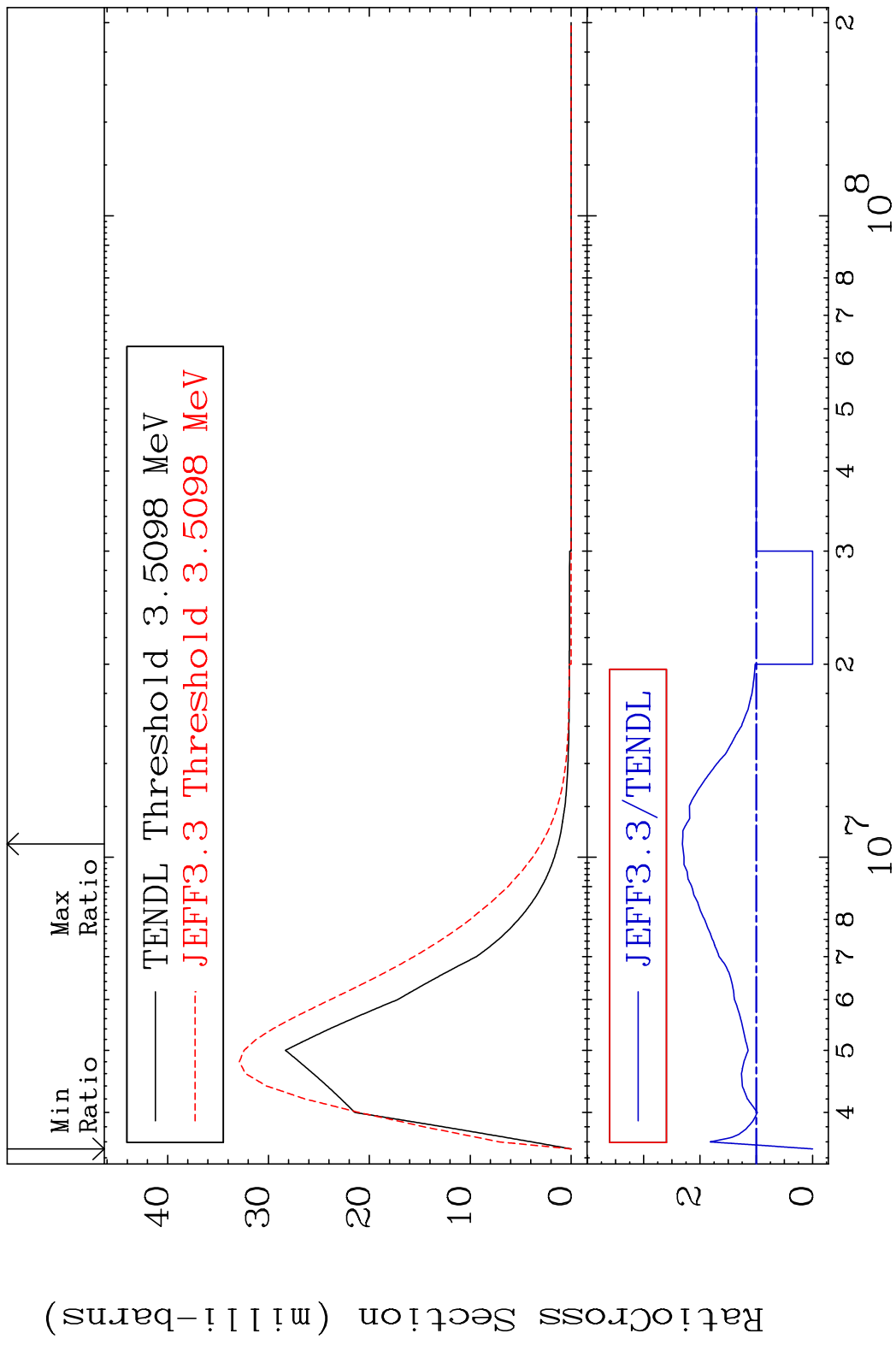
MAT 2637 MT= 64 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 168.5 %



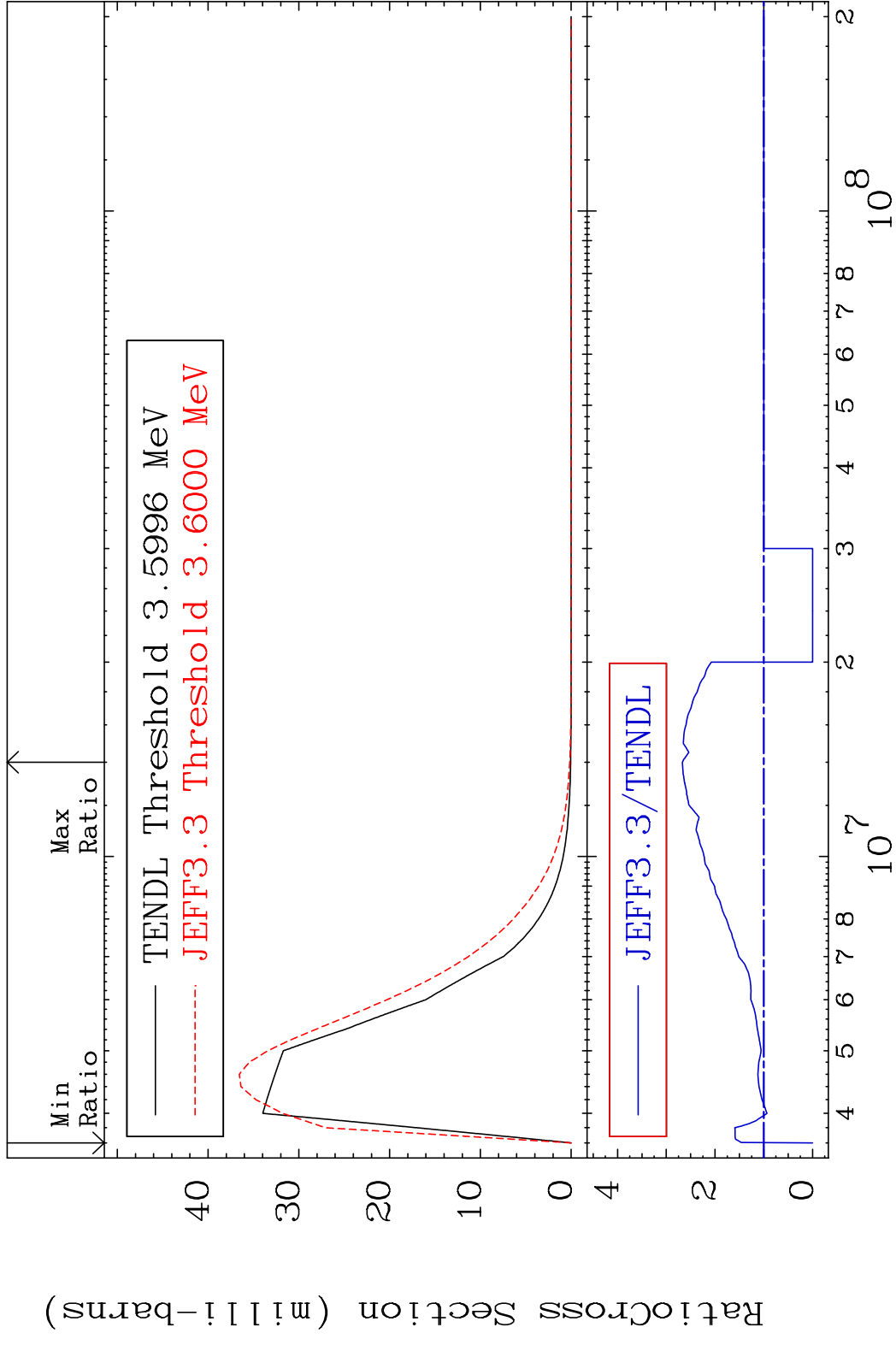
MAT 2637 MT= 65 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 9999. %



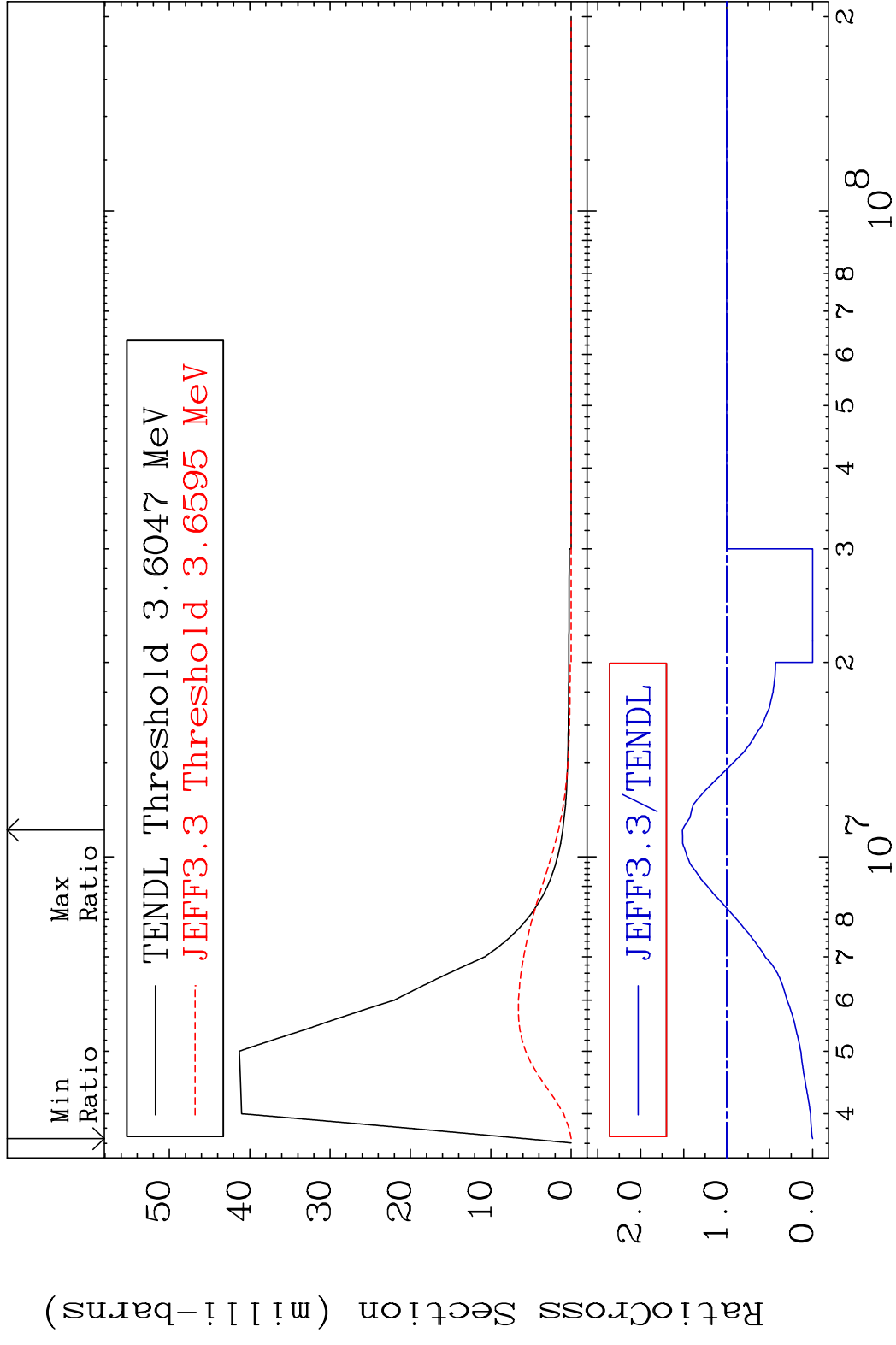
MAT 2637 MT= 66 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 131.4 %



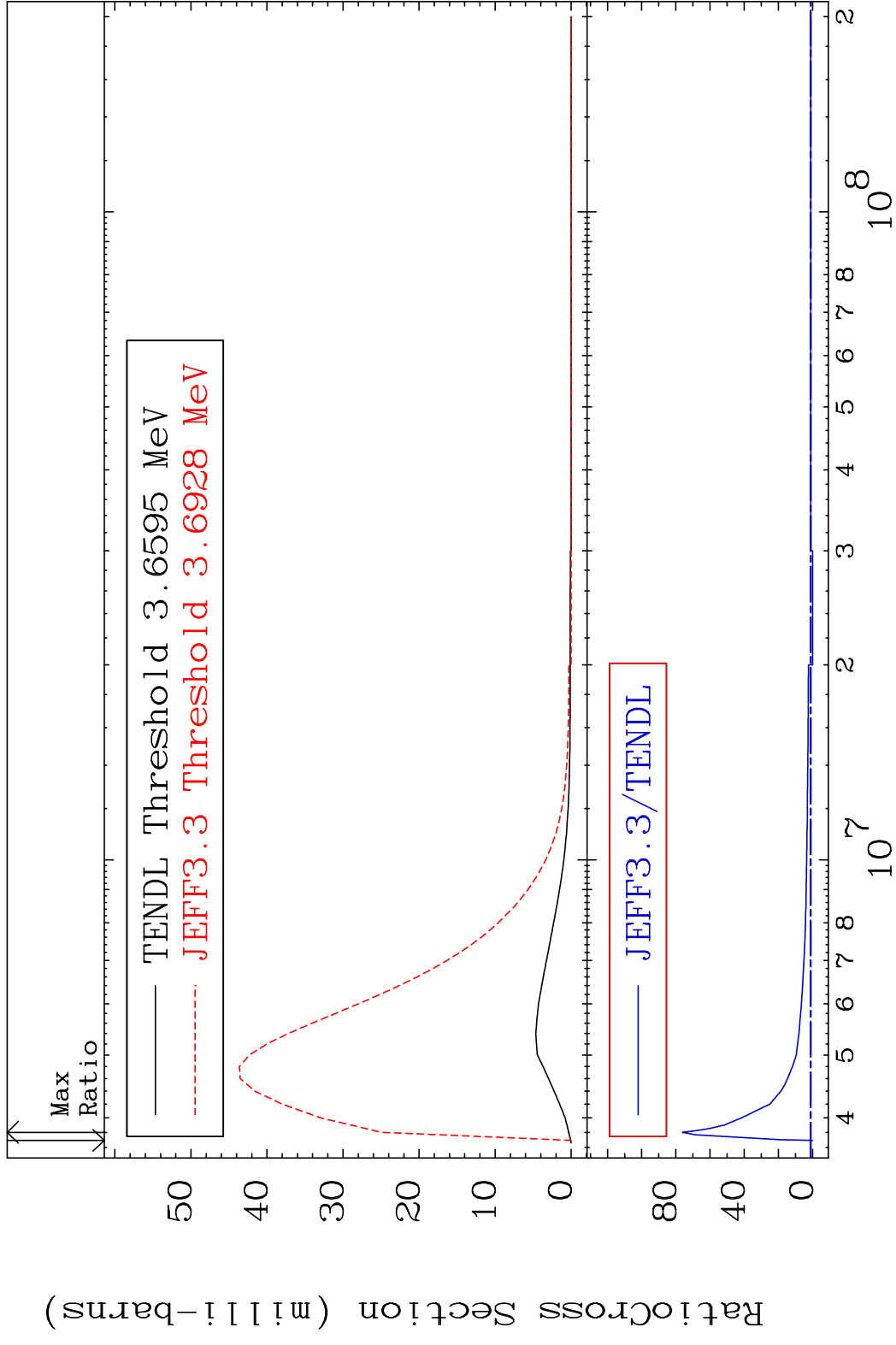
MAT 2637 MT= 67 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 167.1 %



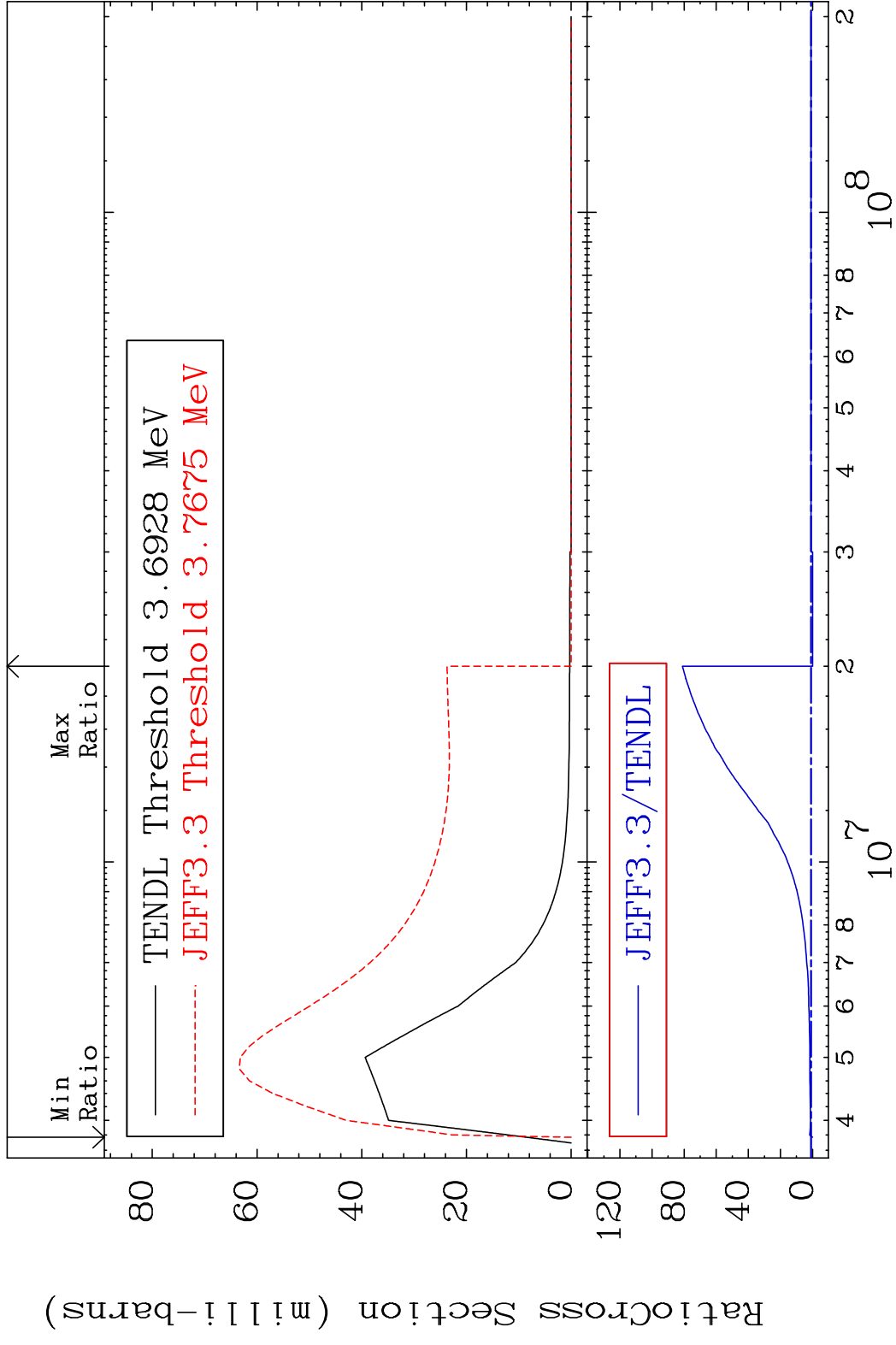
MAT 2637 MT= 68 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 51.53 %



MAT 2637 MT= 69 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 7519. %



MAT 2637 MT= 70 (n, n') Level 26-Fe-58
 Cross Section -100.0 To 8010. %

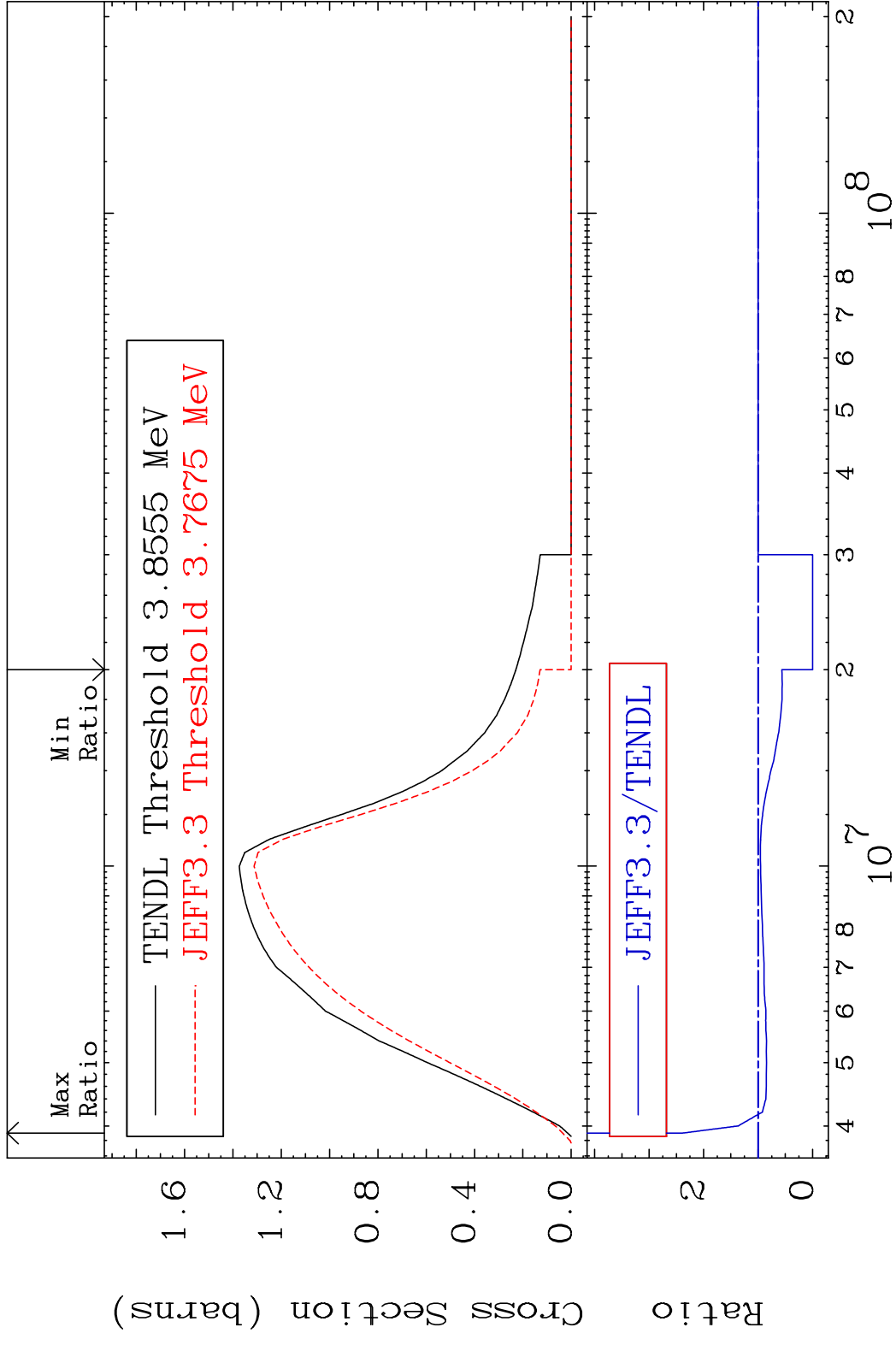


MAT 2637

(n,n') Continuum

²⁶Fe-58

Cross Section -100.0 To 139.0 %



29

Incident Energy (eV)

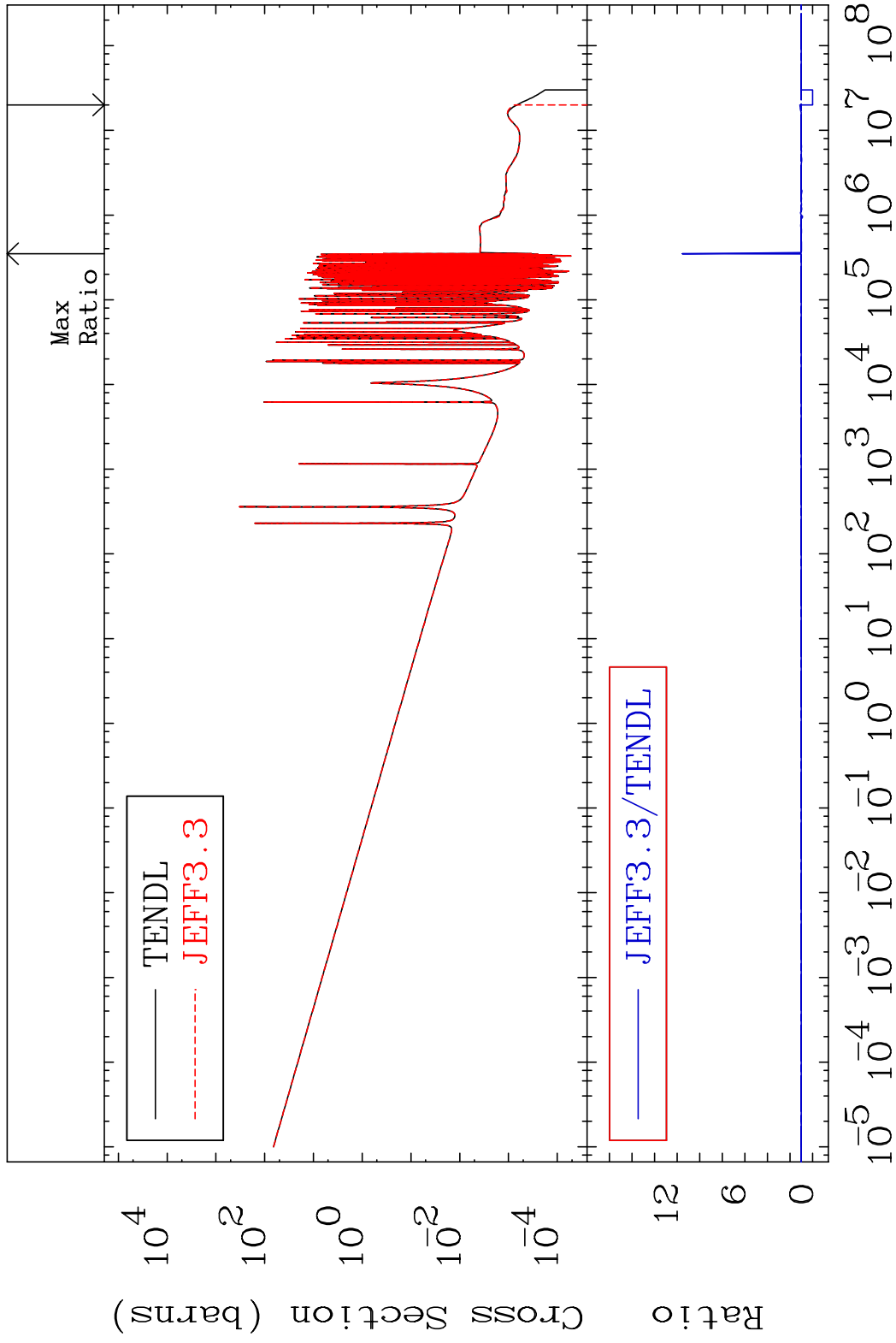
²⁶Fe-58

MAT 2637

(n, γ)

26-Fe-58

Cross Section -100.0 To 1054. %



30

Incident Energy (eV)

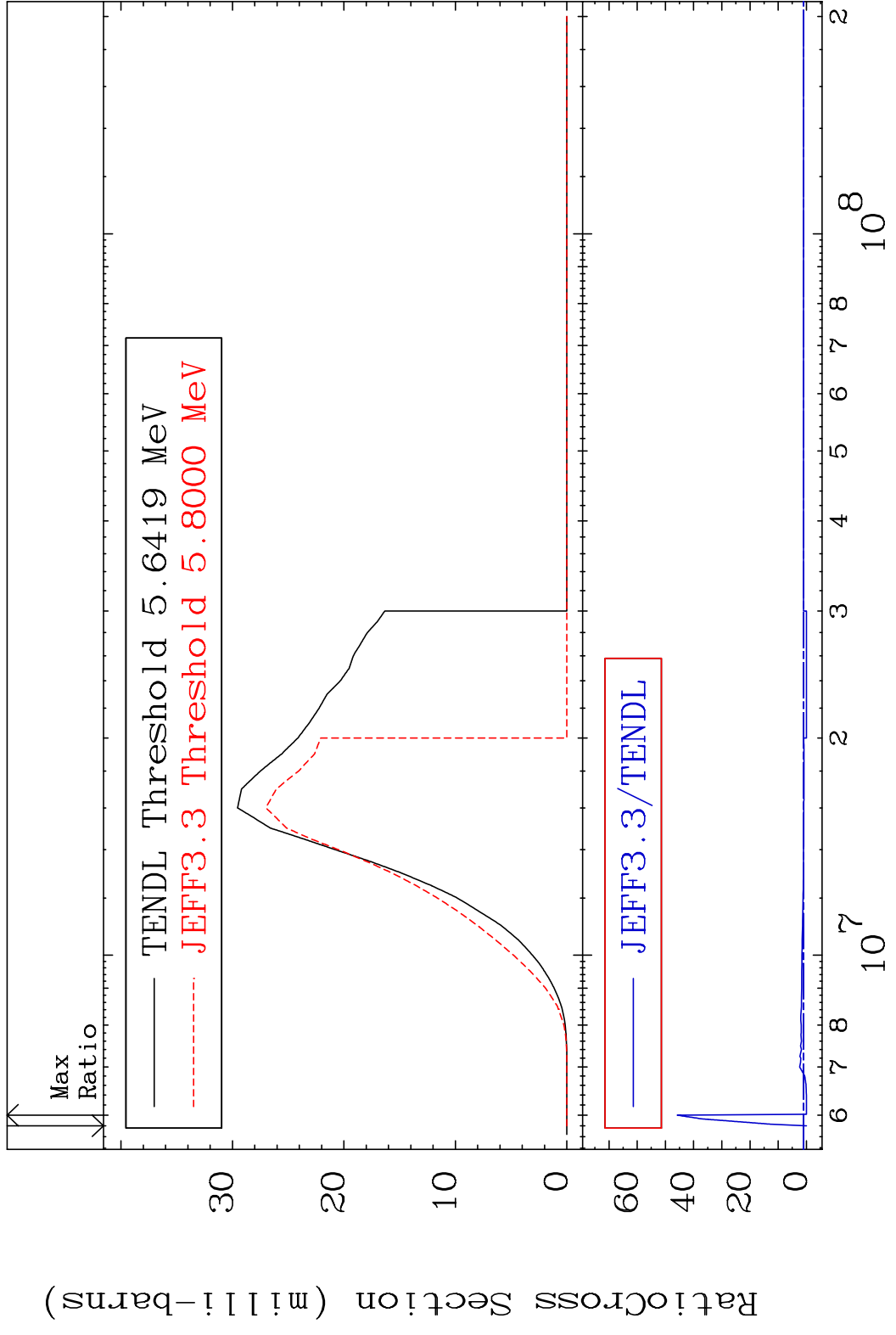
26-Fe-58

MAT 2637

(n,p)

²⁶Fe-58

Cross Section -100.0 To 4482. %

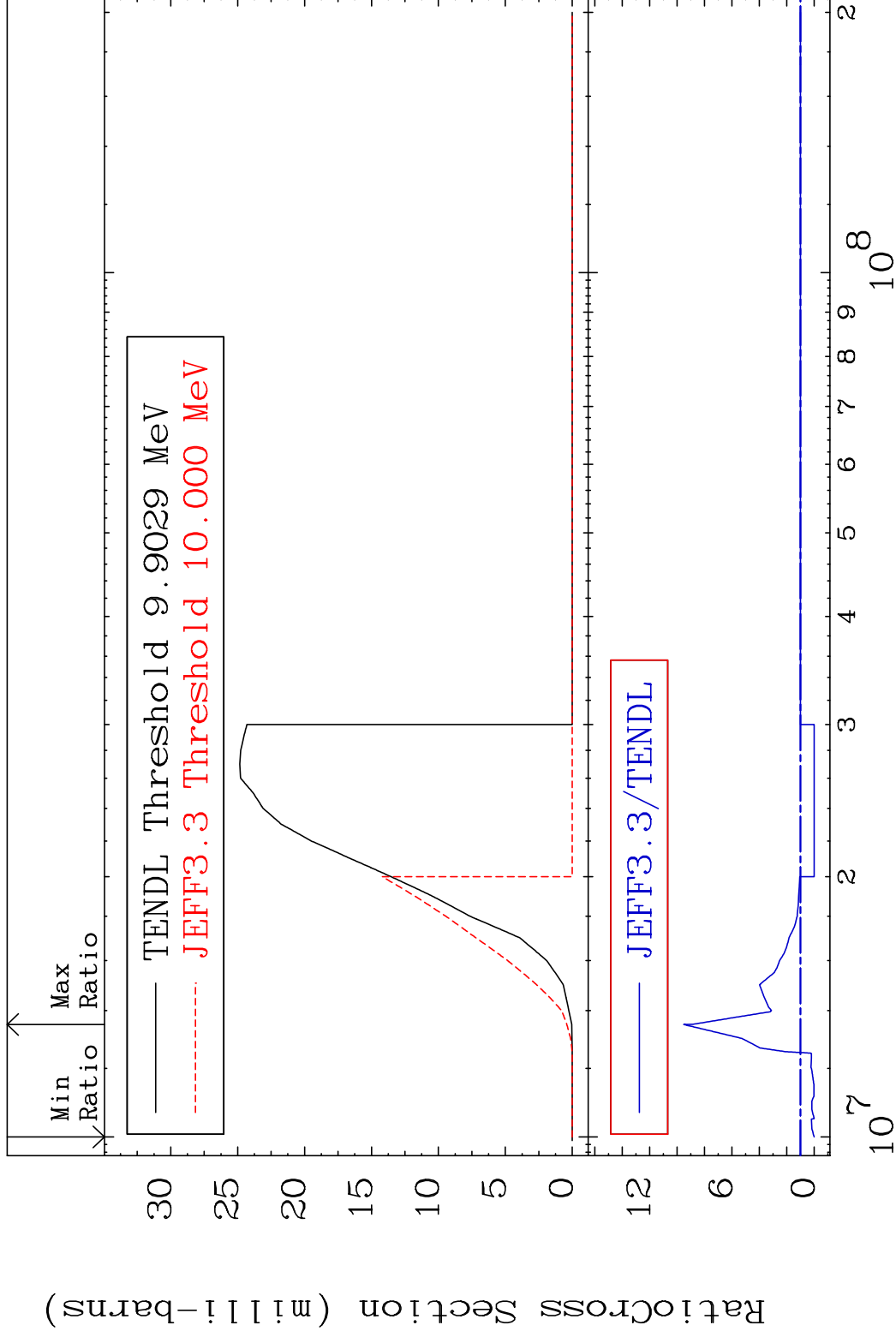


MAT 2637

(n, d)

²⁶Fe-58

Cross Section -100.0 To 852.2 %

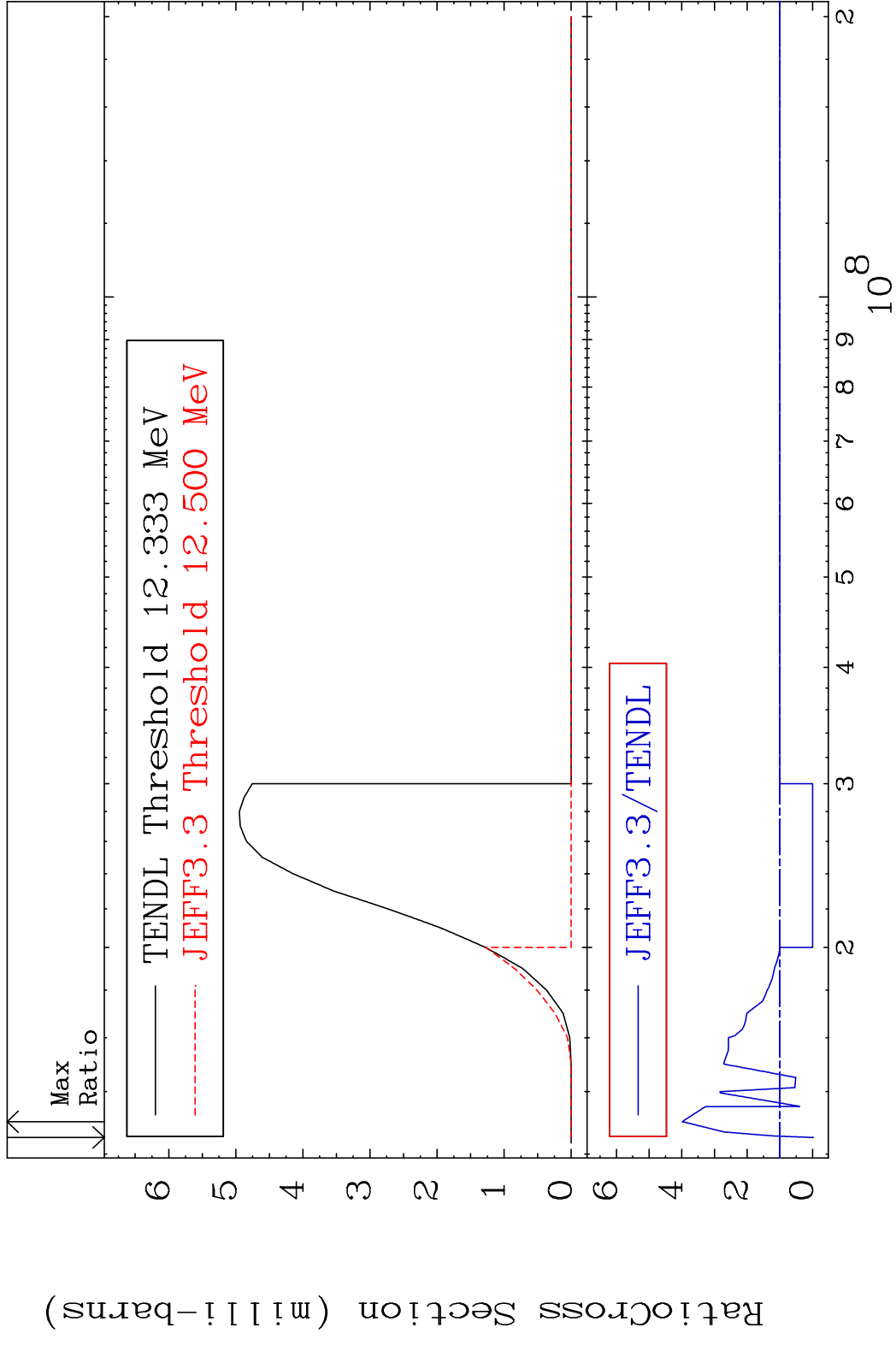


32

Incident Energy (eV)

²⁶Fe-58

MAT 2637 (n, t) 26-Fe-58
 Cross Section -100.0 To 298.3 %

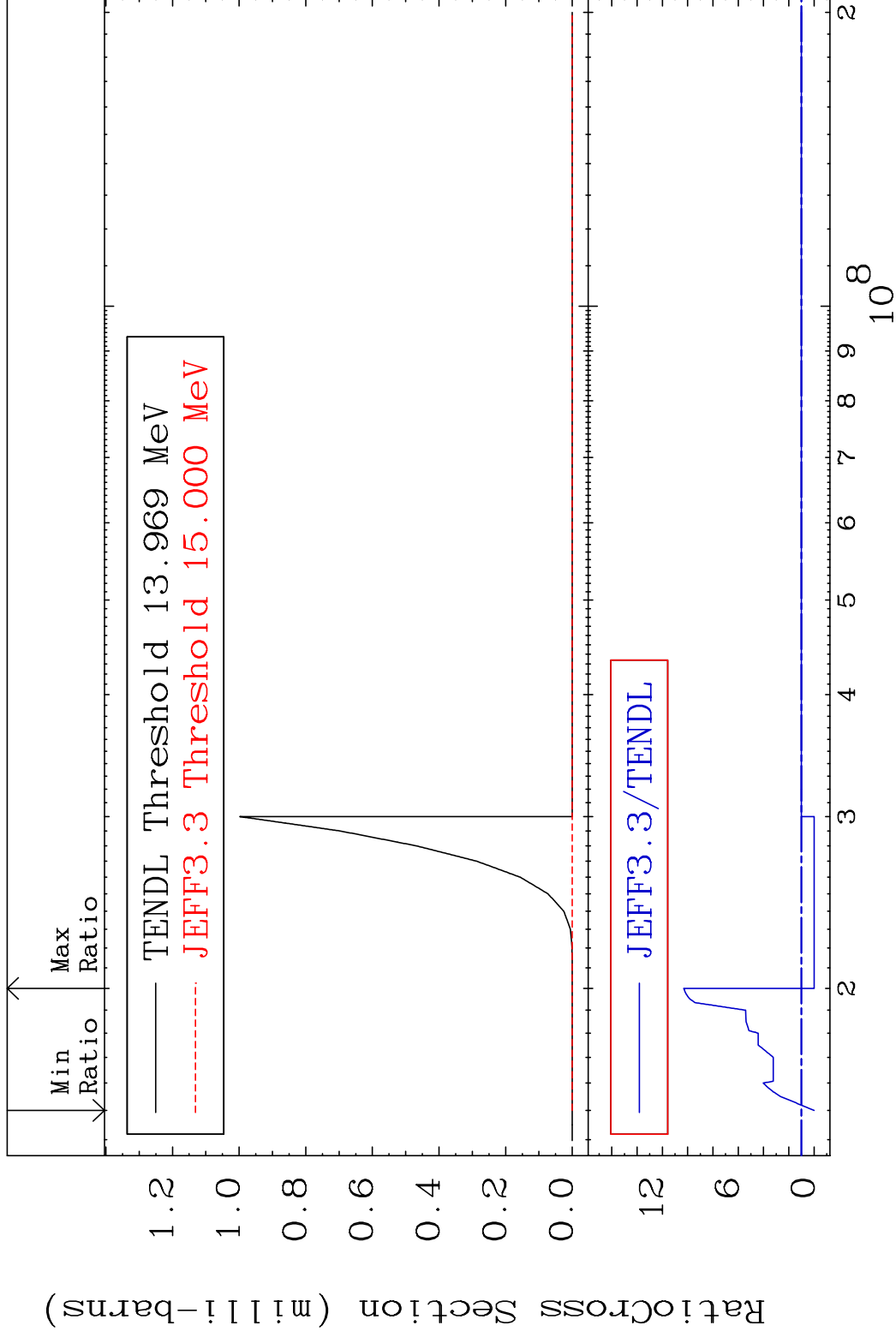


MAT 2637

(n, He-3)

²⁶Fe-58

Cross Section -100.0 To 931.7 %

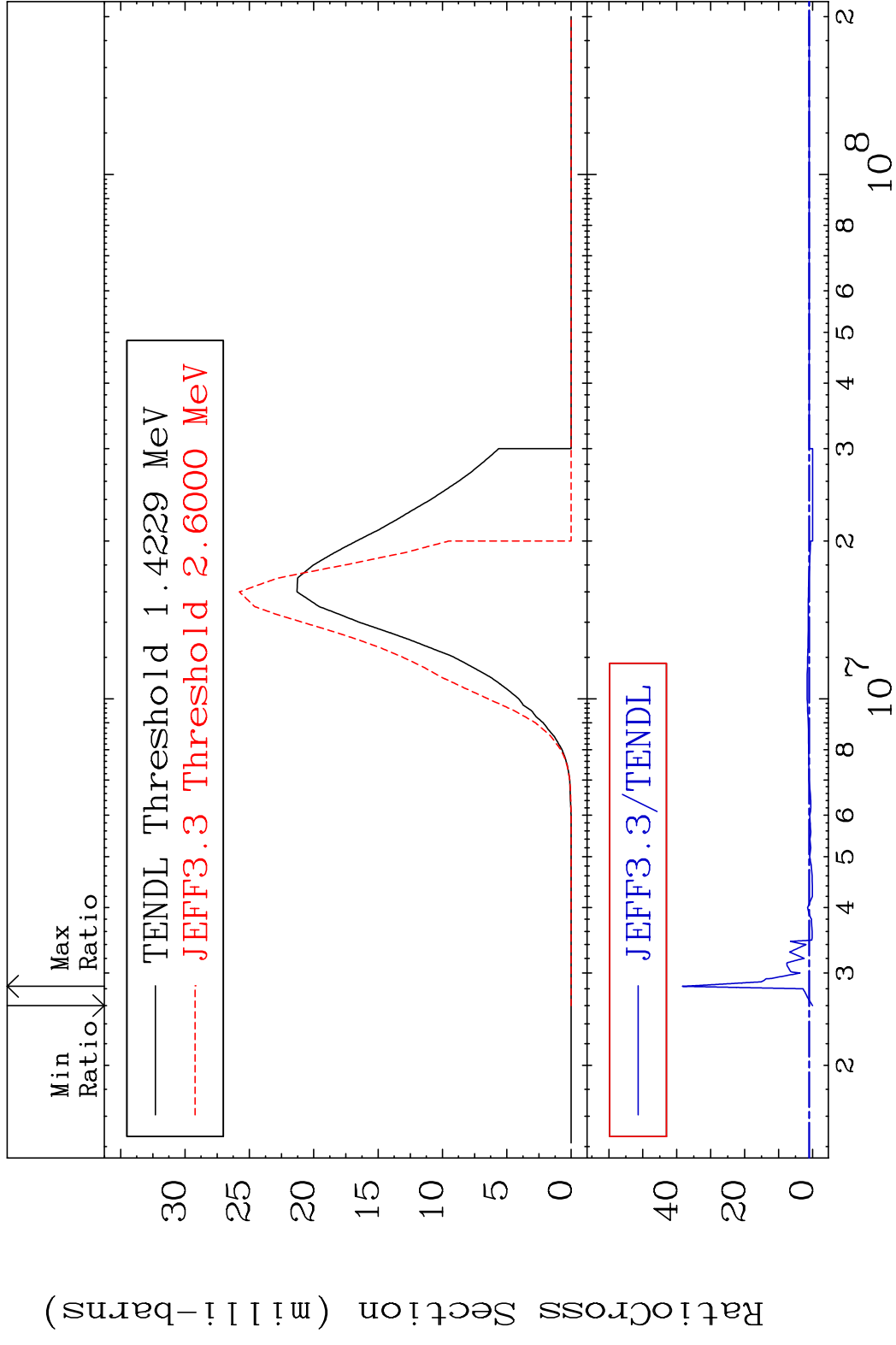


34

Incident Energy (eV)

²⁶Fe-58

MAT 2637 (n, α) ²⁶Fe-58
 Cross Section -100.0 To 3735. %

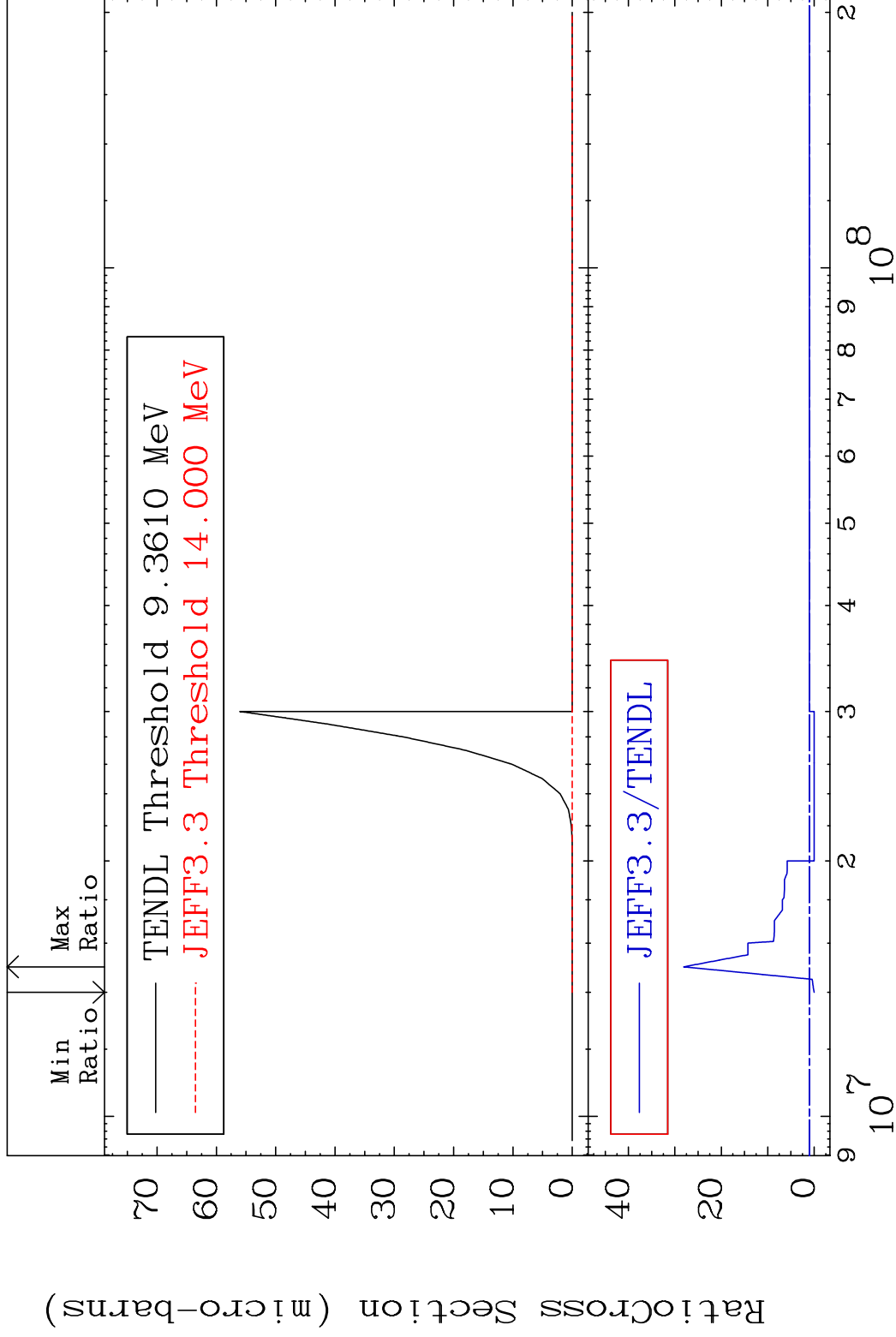


MAT 2637

(n,2α)

²⁶Fe-58

Cross Section -100.0 To 2711. %



36

Incident Energy (eV)

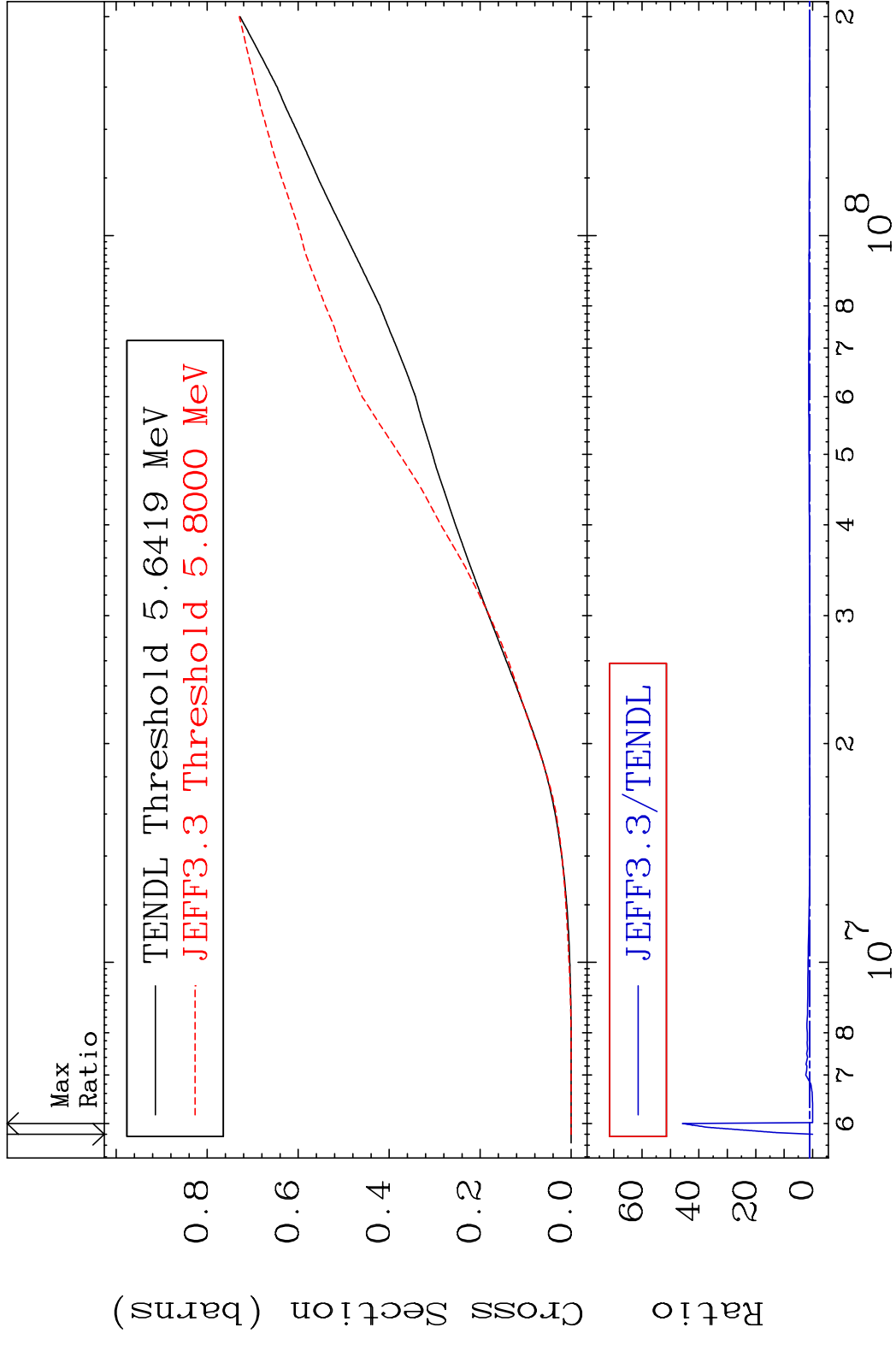
²⁶Fe-58

MAT 2637

Hydrogen Production

²⁶Fe-58

Cross Section -100.0 To 4482. %

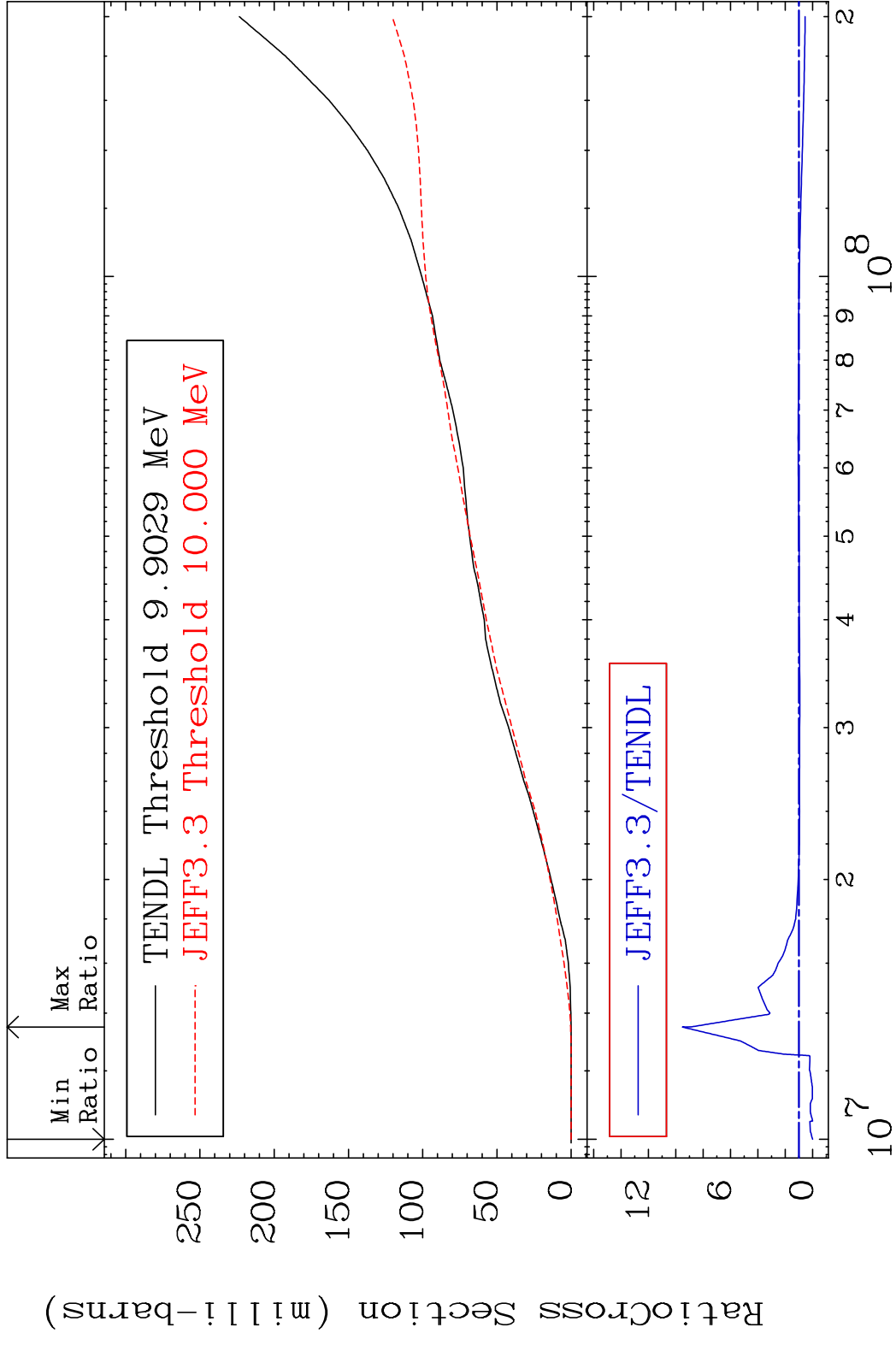


MAT 2637

Deuterium Production

²⁶Fe-58

Cross Section -100.0 To 852.2 %



38

Incident Energy (eV)

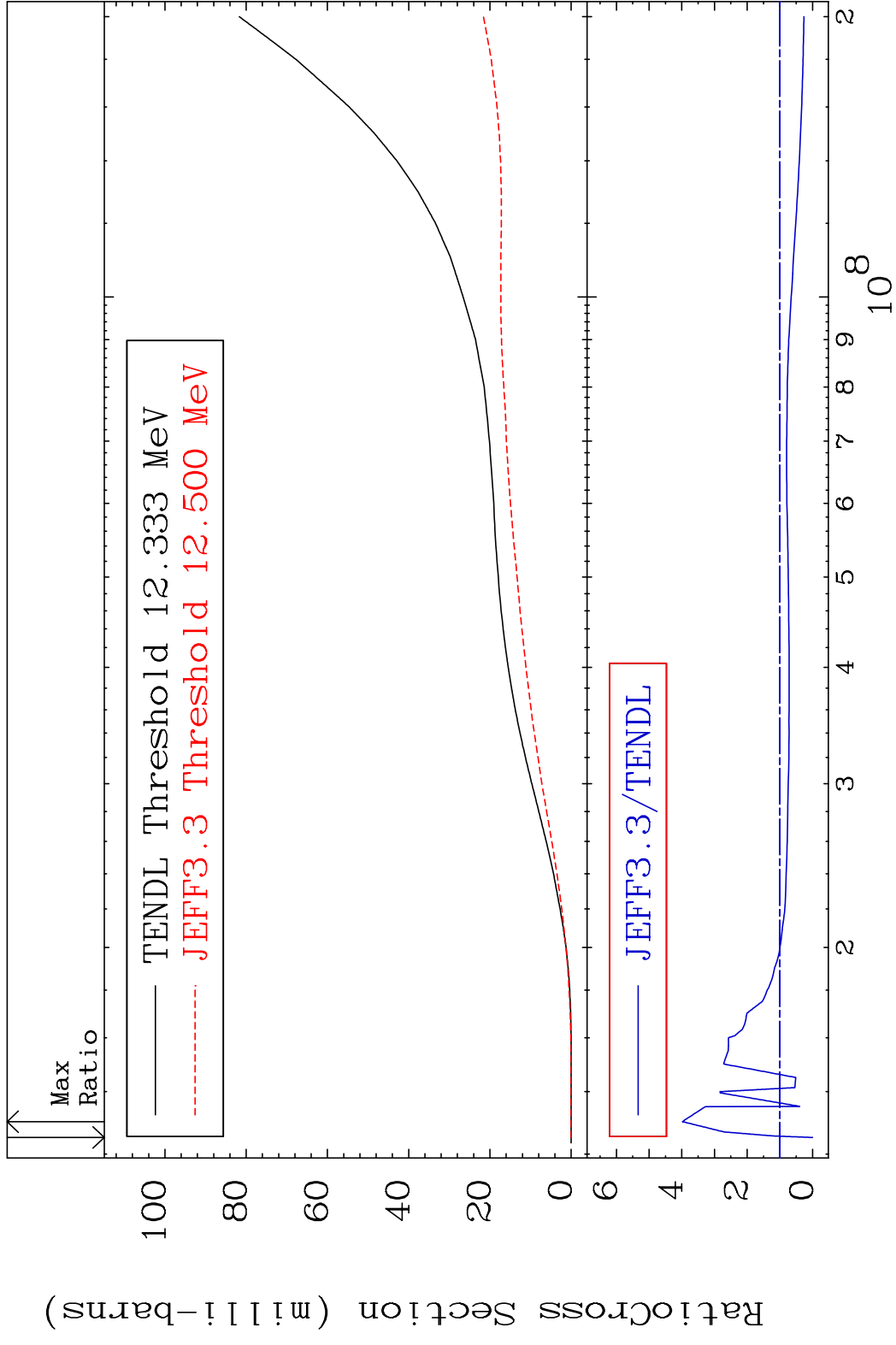
²⁶Fe-58

MAT 2637

Tritium Production

²⁶Fe-58

Cross Section -100.0 To 298.3 %

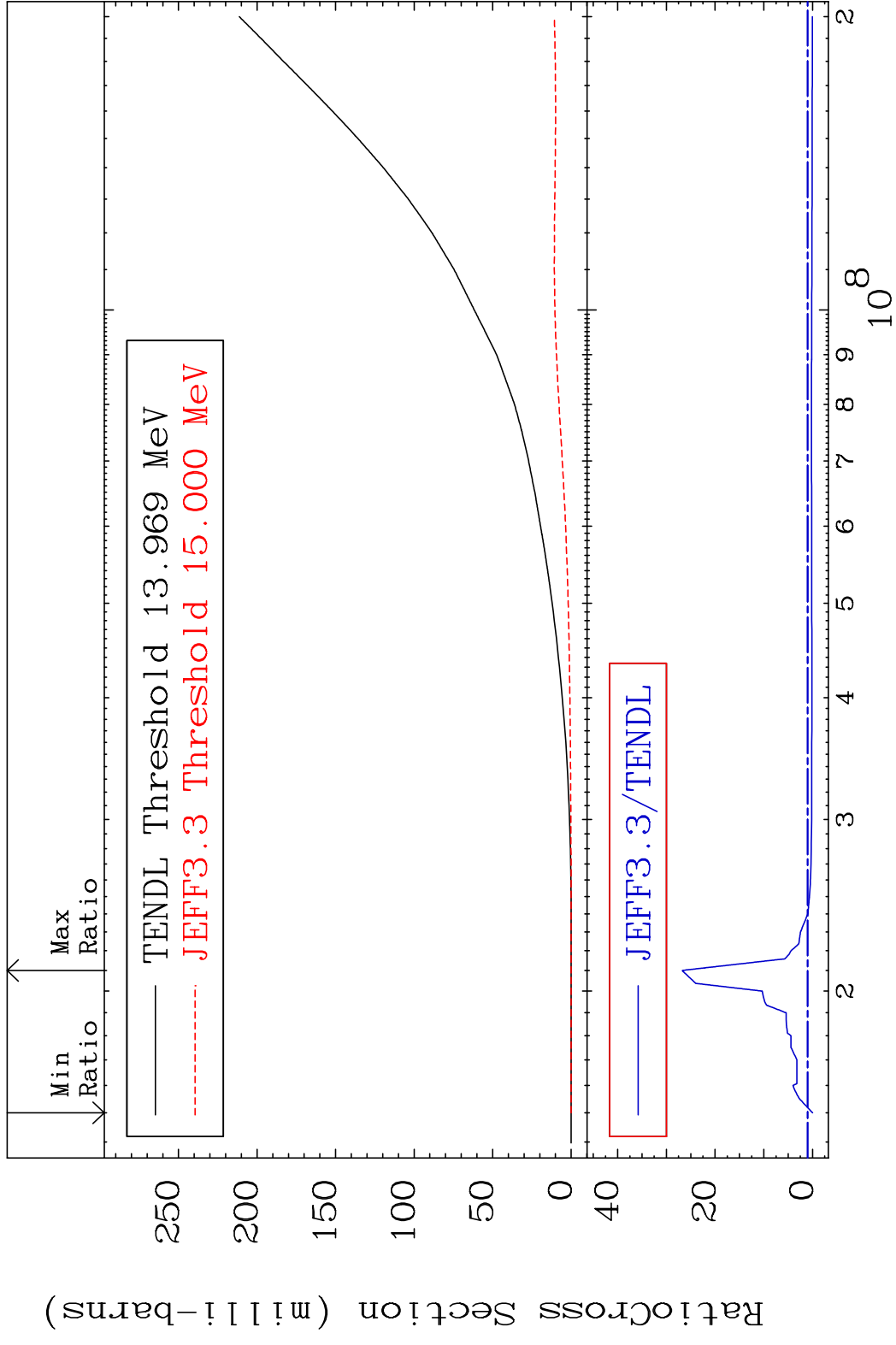


MAT 2637

He-3 Production

²⁶Fe-58

Cross Section -100.0 To 2572. %



40

Incident Energy (eV)

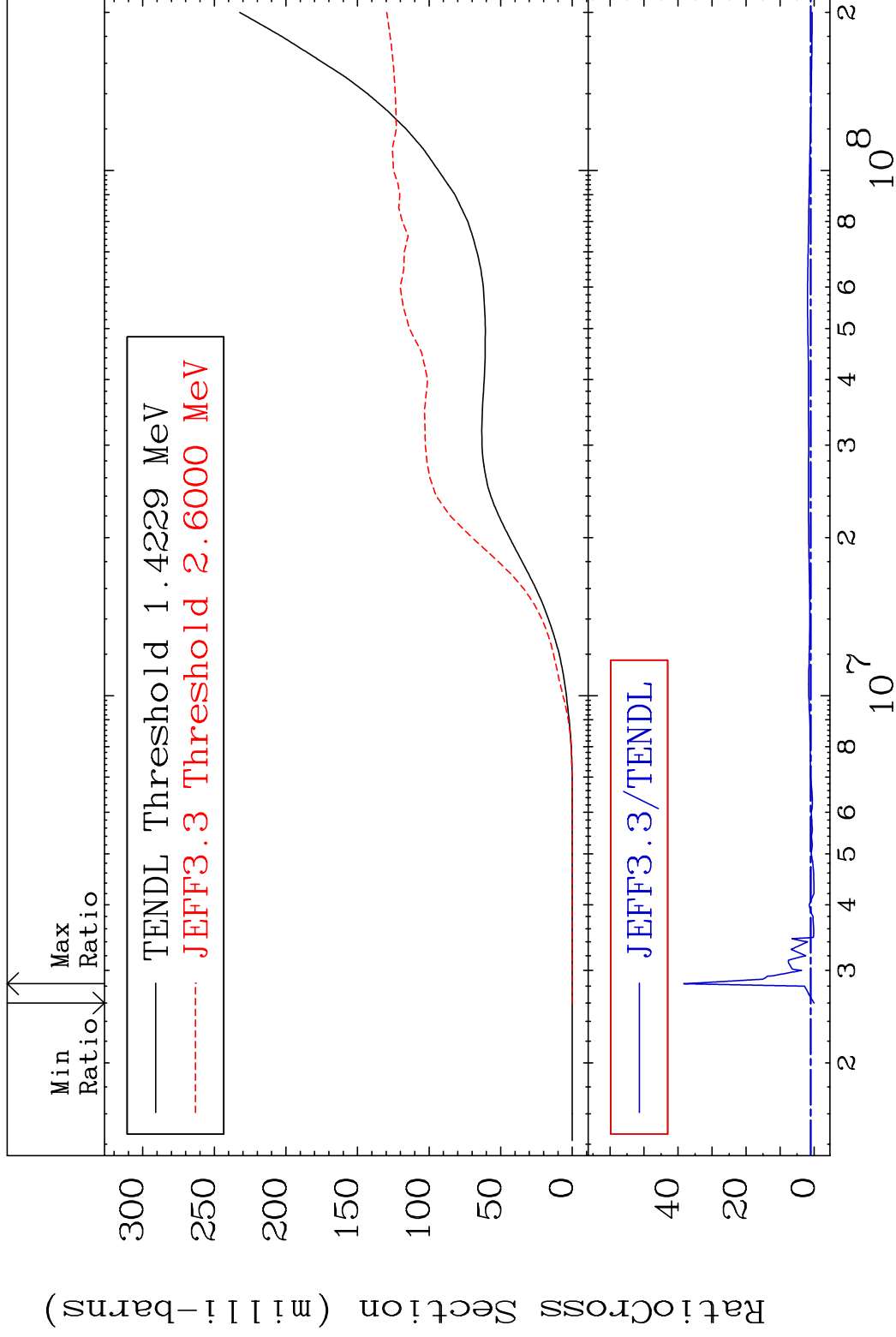
²⁶Fe-58

MAT 2637

He-4 Production

²⁶Fe-58

Cross Section -100.0 To 3735. %

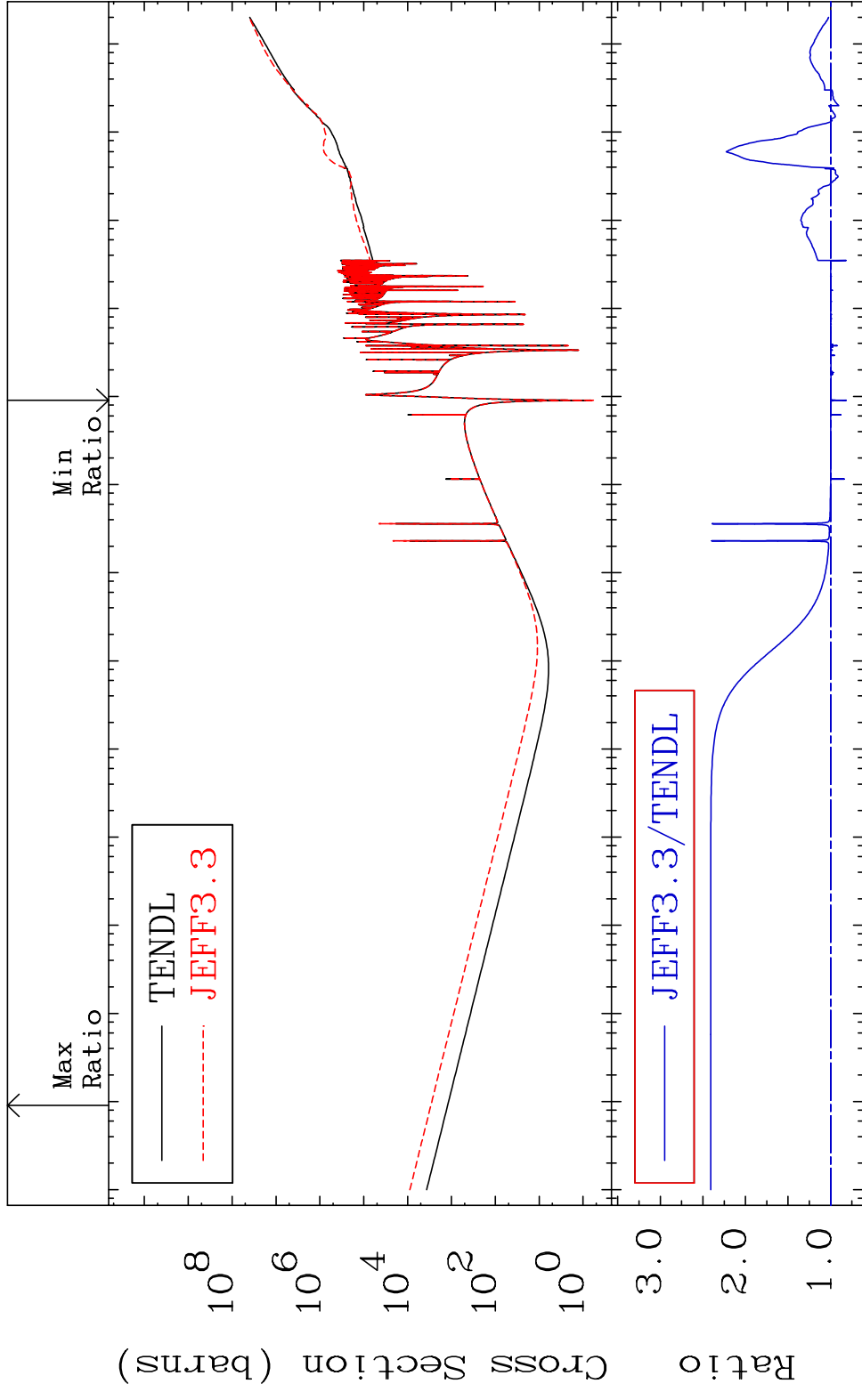


41

Incident Energy (eV)

²⁶Fe-58

MAT 2637 Kerma total (eV-barns) 26-Fe-58
 Cross Section -18.45 To 140.8 %

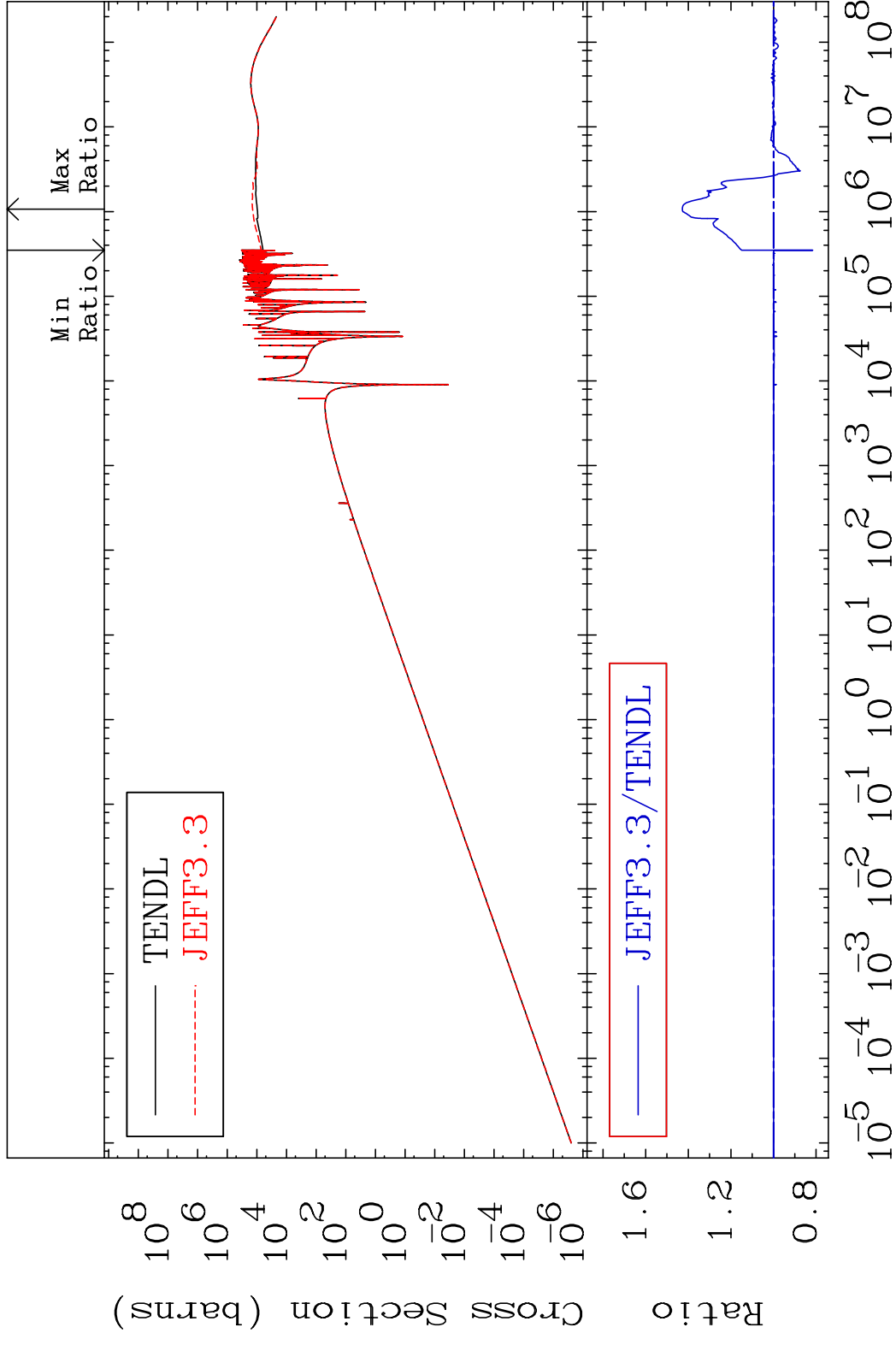


42 Incident Energy (eV) 26-Fe-58

MAT 2637

Kerma elastic
Cross Section

26-Fe-58
-18.32 To 42.77 %

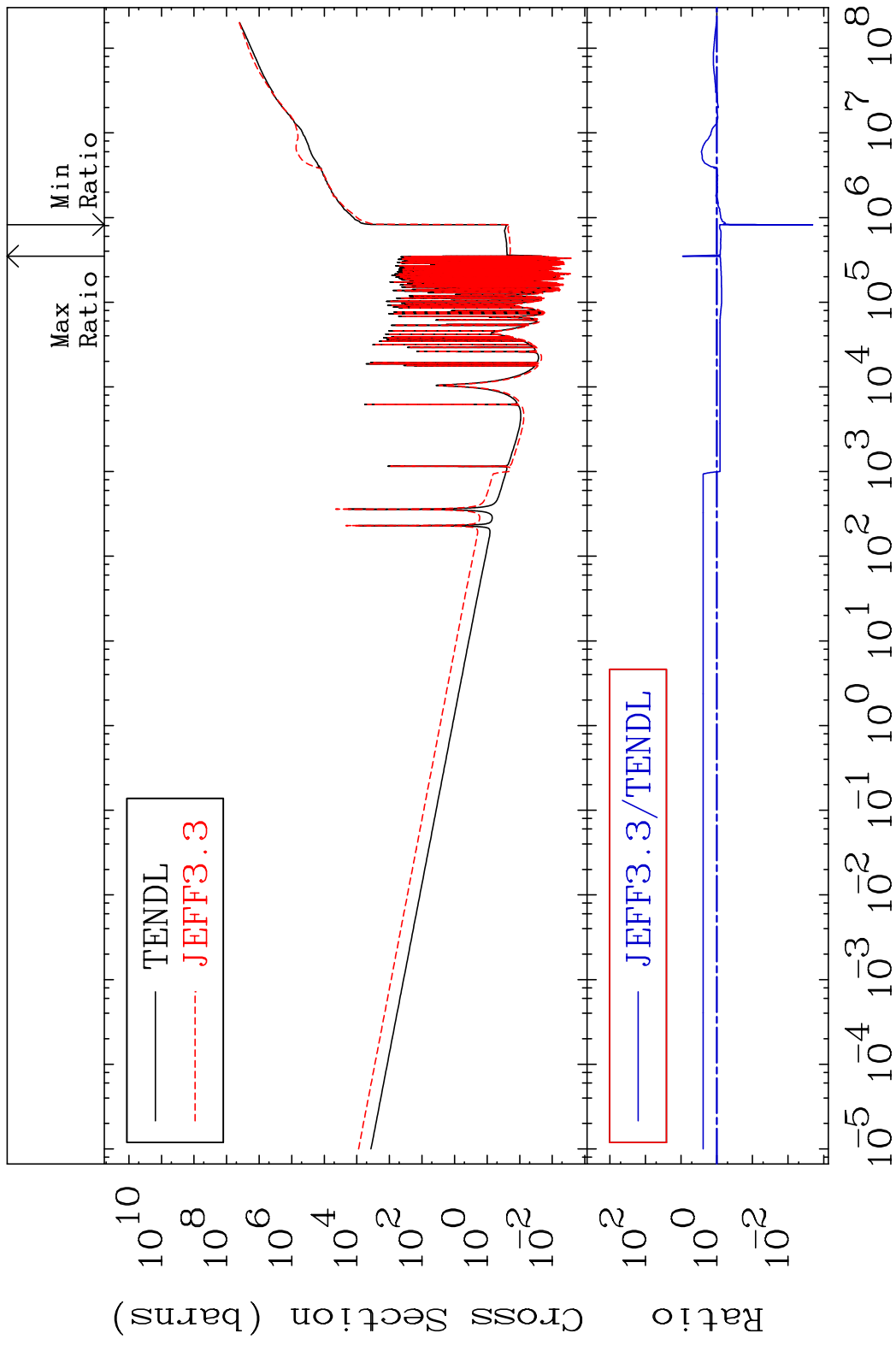


43

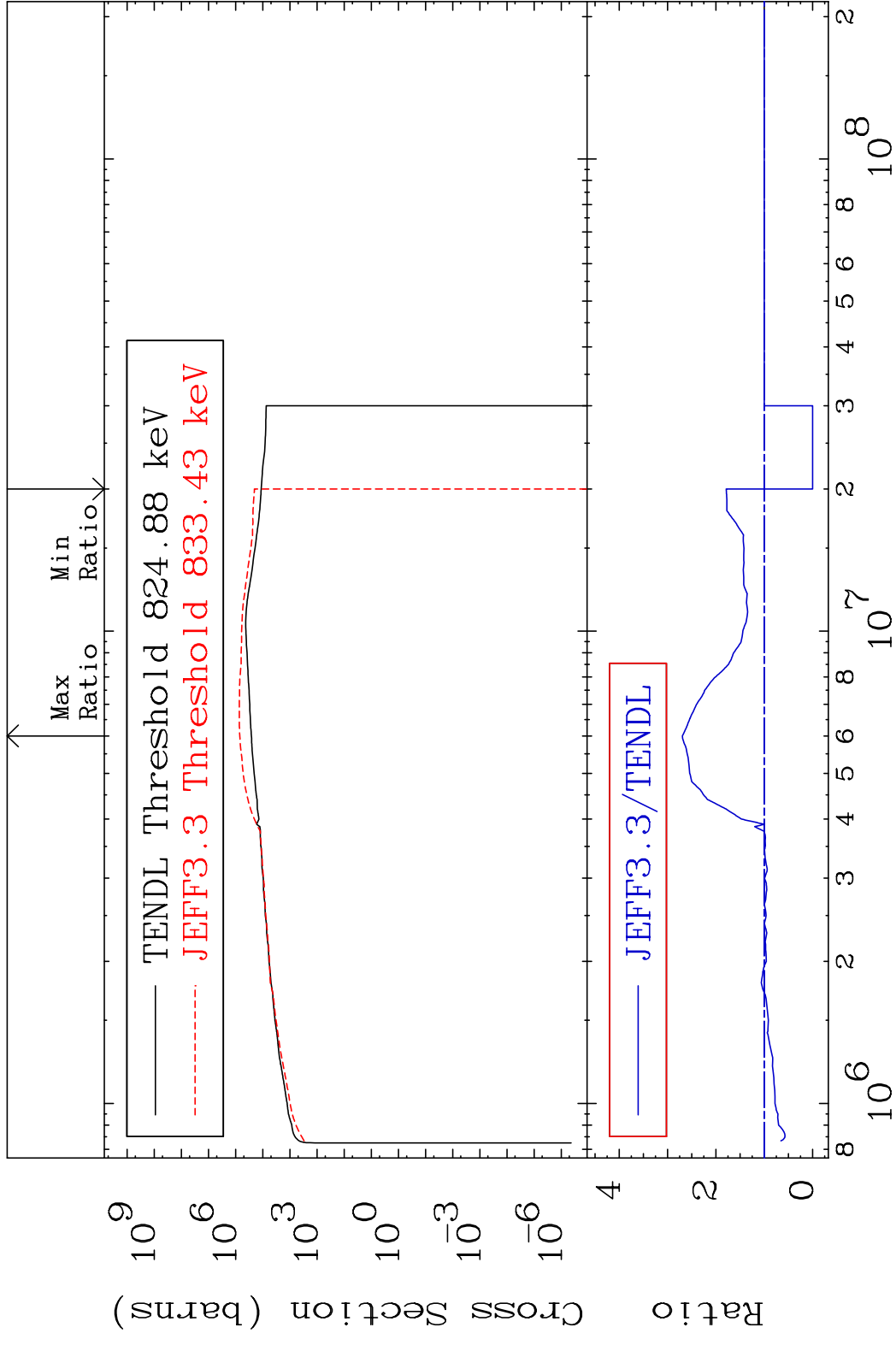
Incident Energy (eV)

26-Fe-58

MAT 2637 Kerma non-elastic (all but mt2) 26-Fe-58
 Cross Section -99.79 To 822.6 %

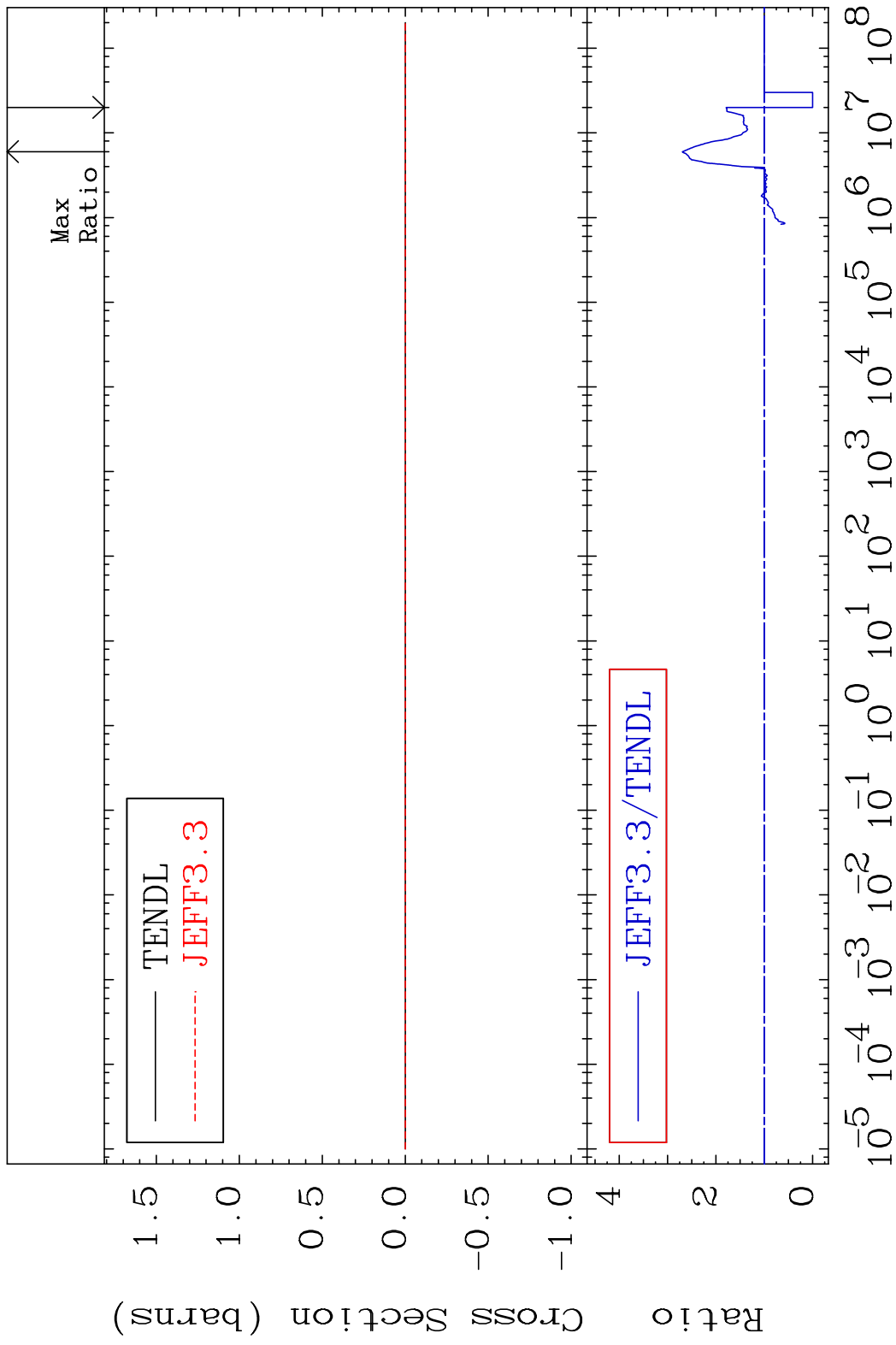


MAT 2637 Kerma inelastic (mt51-91) ²⁶Fe-58
 Cross Section -100.0 To 169.4 %



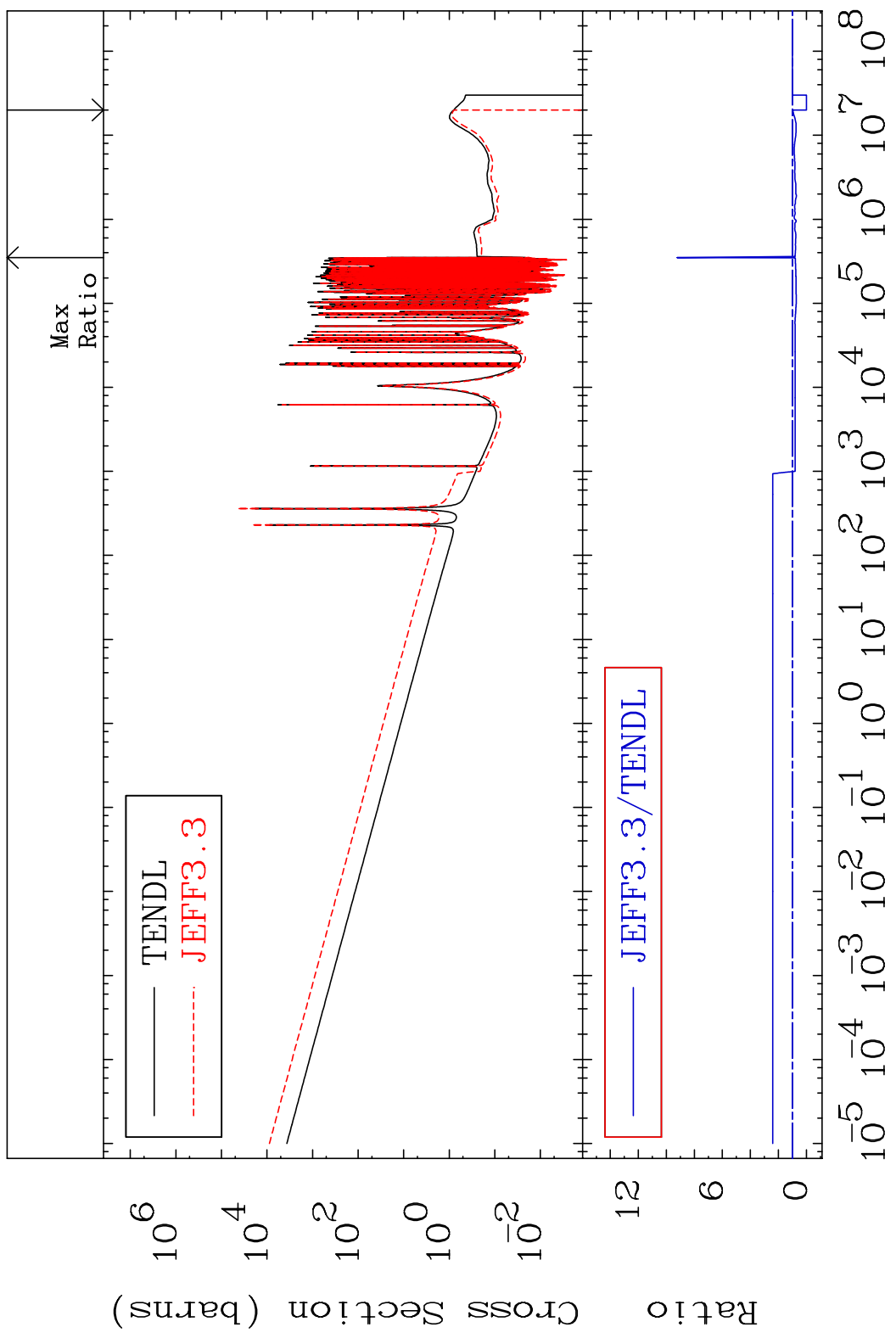
45 ²⁶Fe-58

MAT 2637 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-58
 Cross Section -100.0 To 169.4 %



MAT 2637

Kerma capture (mt102) 26-Fe-58
Cross Section -100.0 To 822.6 %



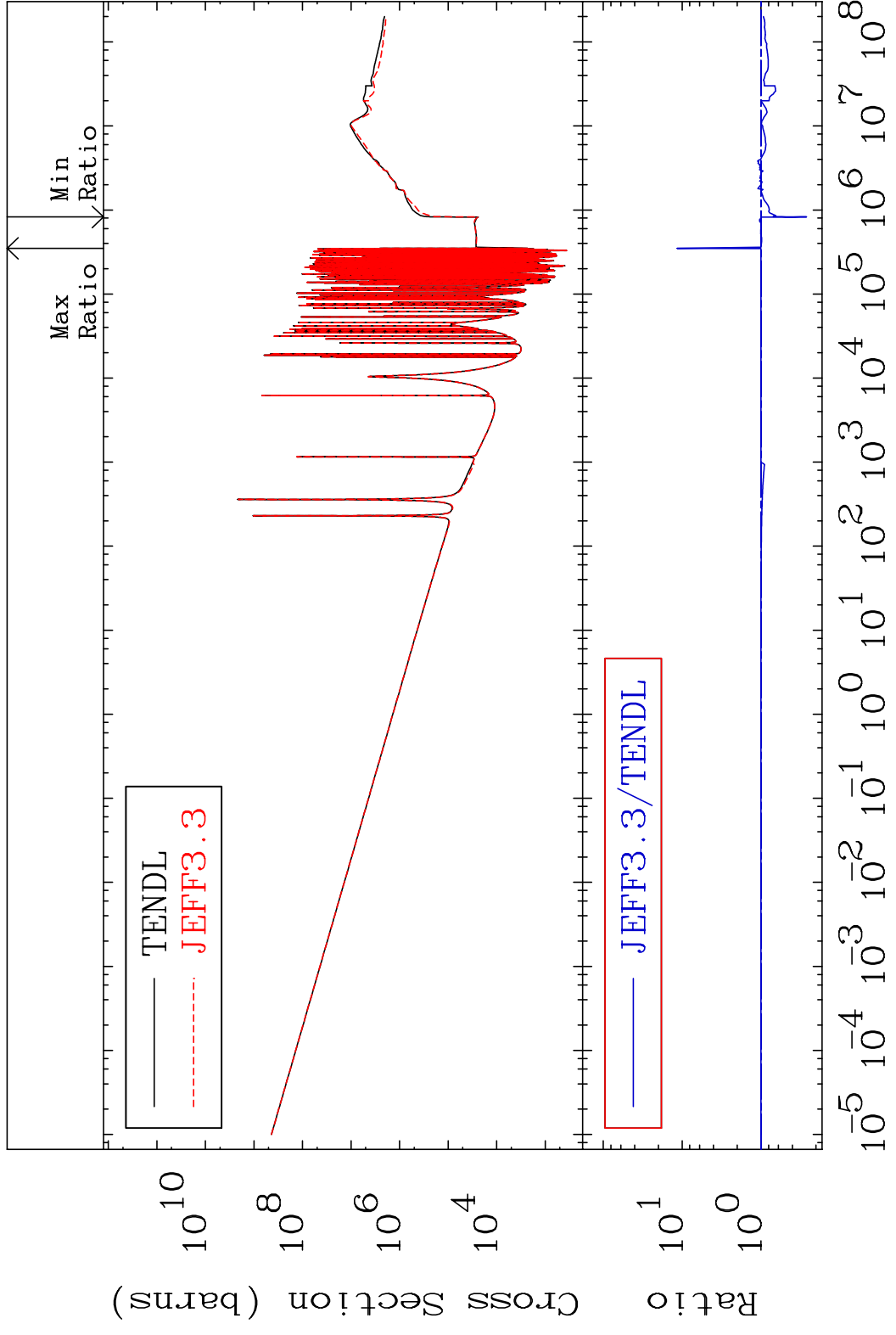
47

Incident Energy (eV)

26-Fe-58

MAT 2637

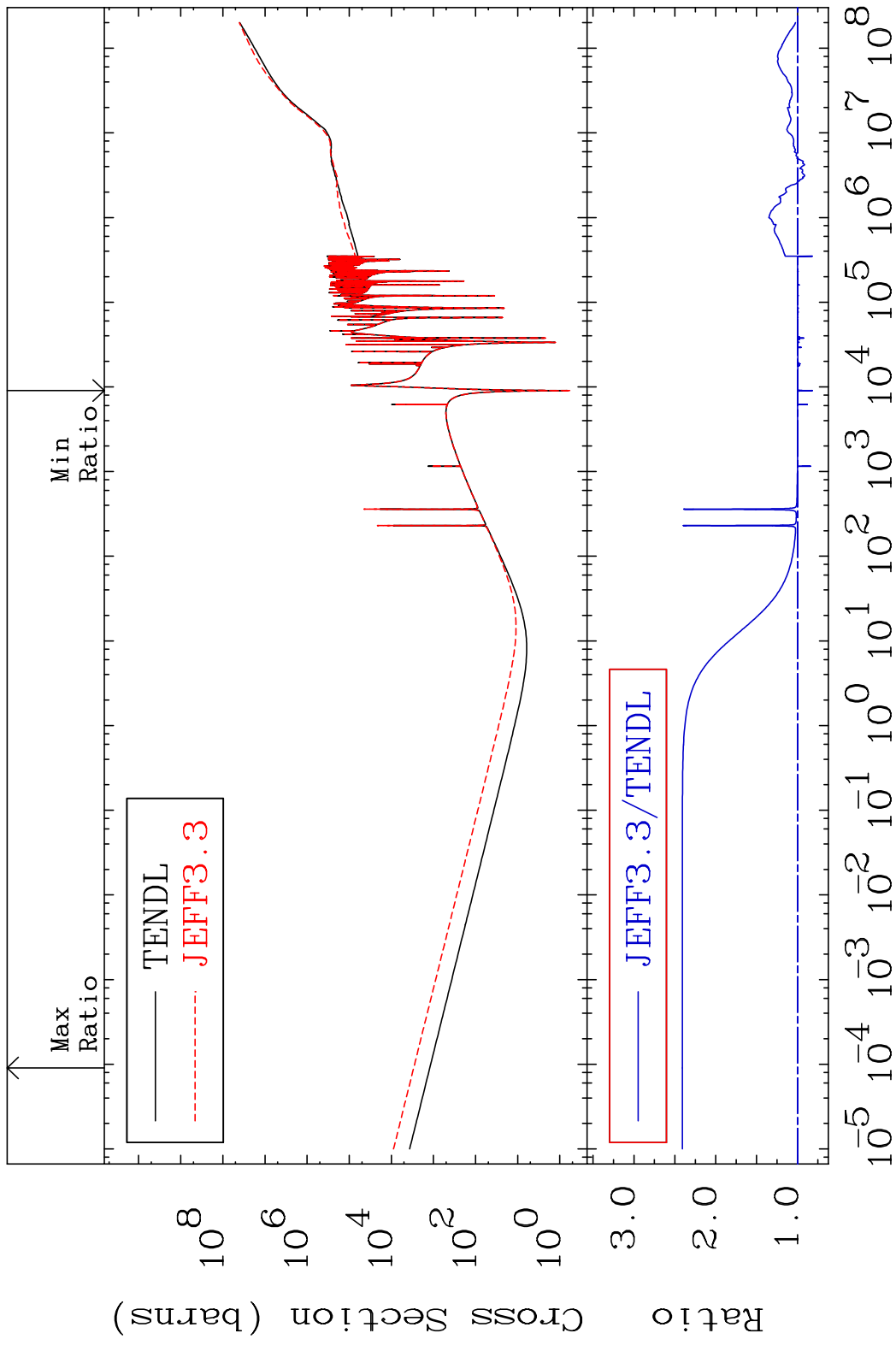
Total photon (eV-barns) 26-Fe-58
Cross Section -73.50 To 1055. %



48

Incident Energy (eV) 26-Fe-58

MAT 2637 Total kinematic kerma (high limit) 26-Fe-58
 Cross Section -18.45 To 140.8 %

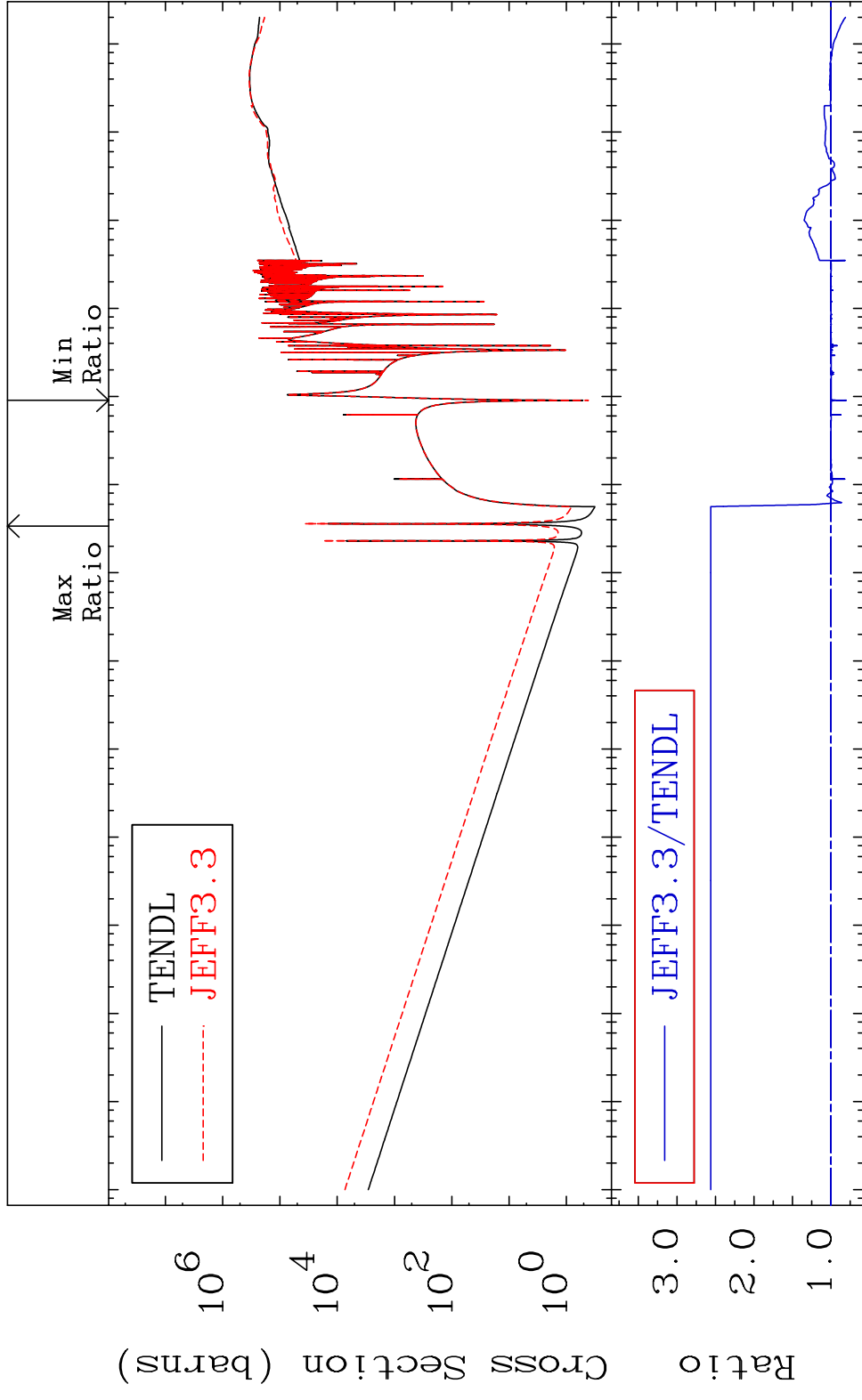


MAT 2637

Dpa total (eV-barns)

26-Fe-58

Cross Section -19.92 To 156.1 %



50

Incident Energy (eV)

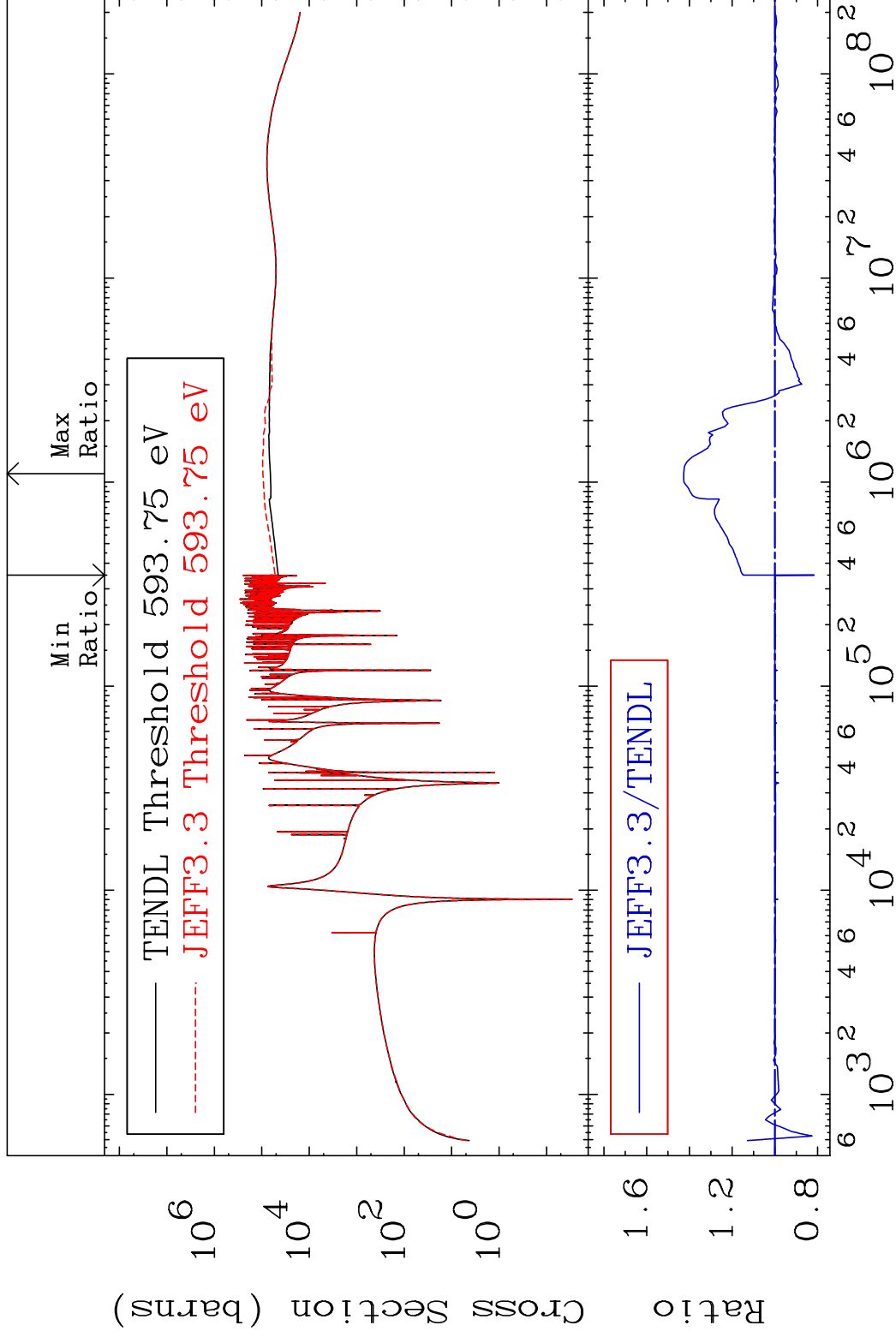
26-Fe-58

MAT 2637

Dpa elastic (mt2)

²⁶Fe-58

Cross Section -18.33 To 42.68 %

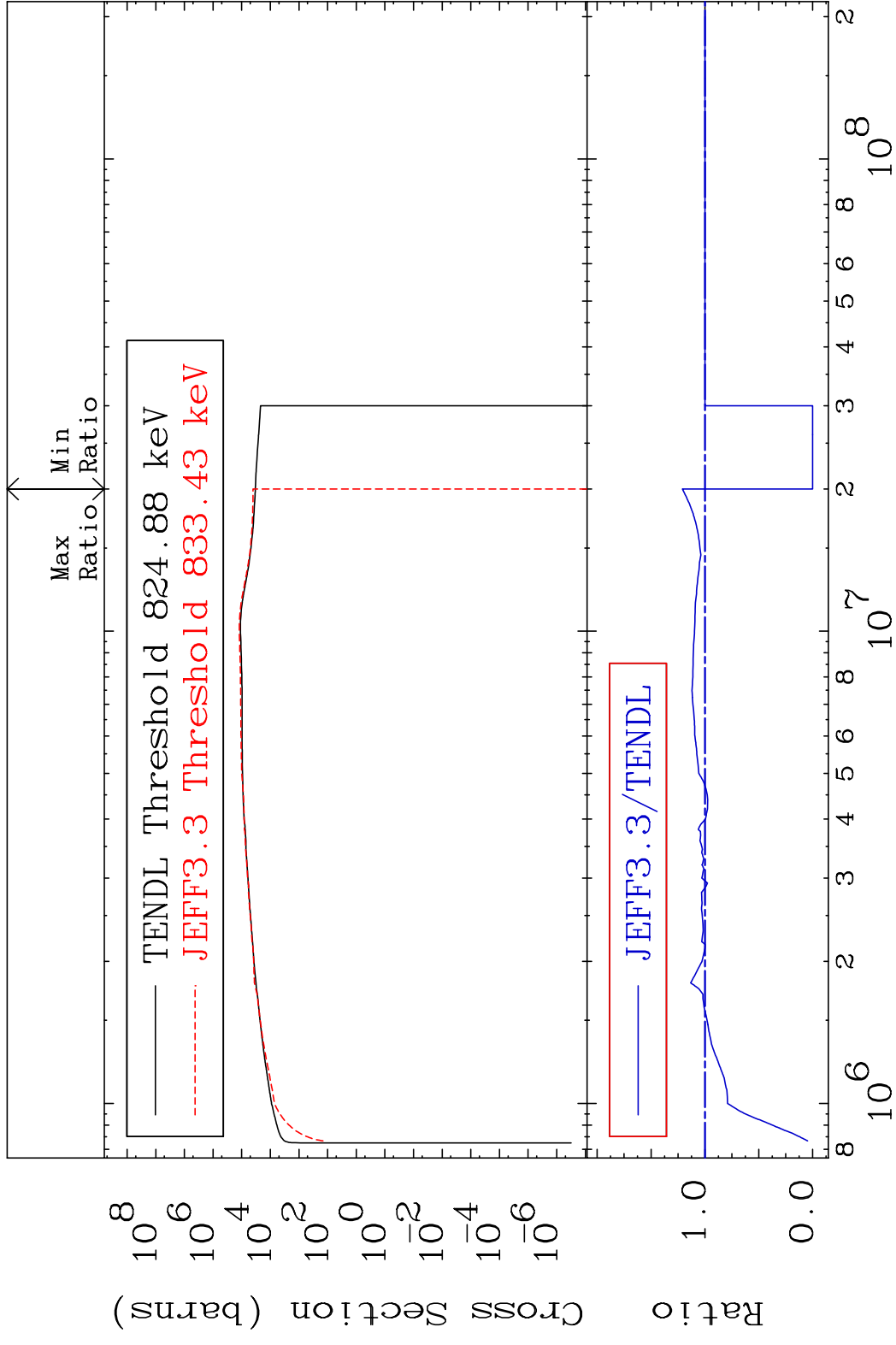


51

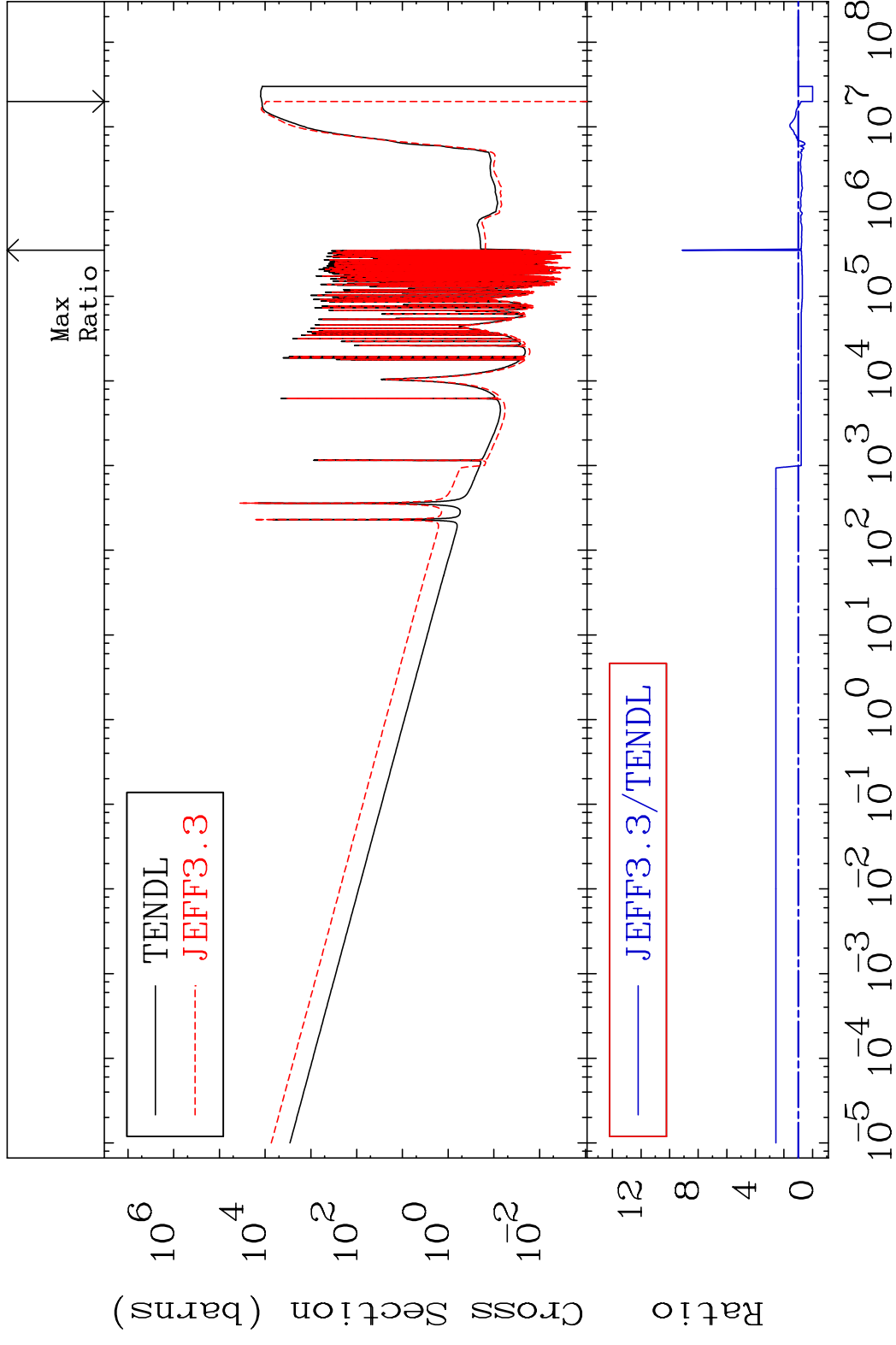
Incident Energy (eV)

²⁶Fe-58

MAT 2637 Dpa inelastic (mt51-91) 26-Fe-58
 Cross Section -100.0 To 20.91 %



MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58
 Cross Section -100.0 To 810.7 %



MAT 2637 (n, p) : 25-Mn-58g 26-Fe-58
 Radionuclide Production Cross Section 18000 dtd 7551 . %

