

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

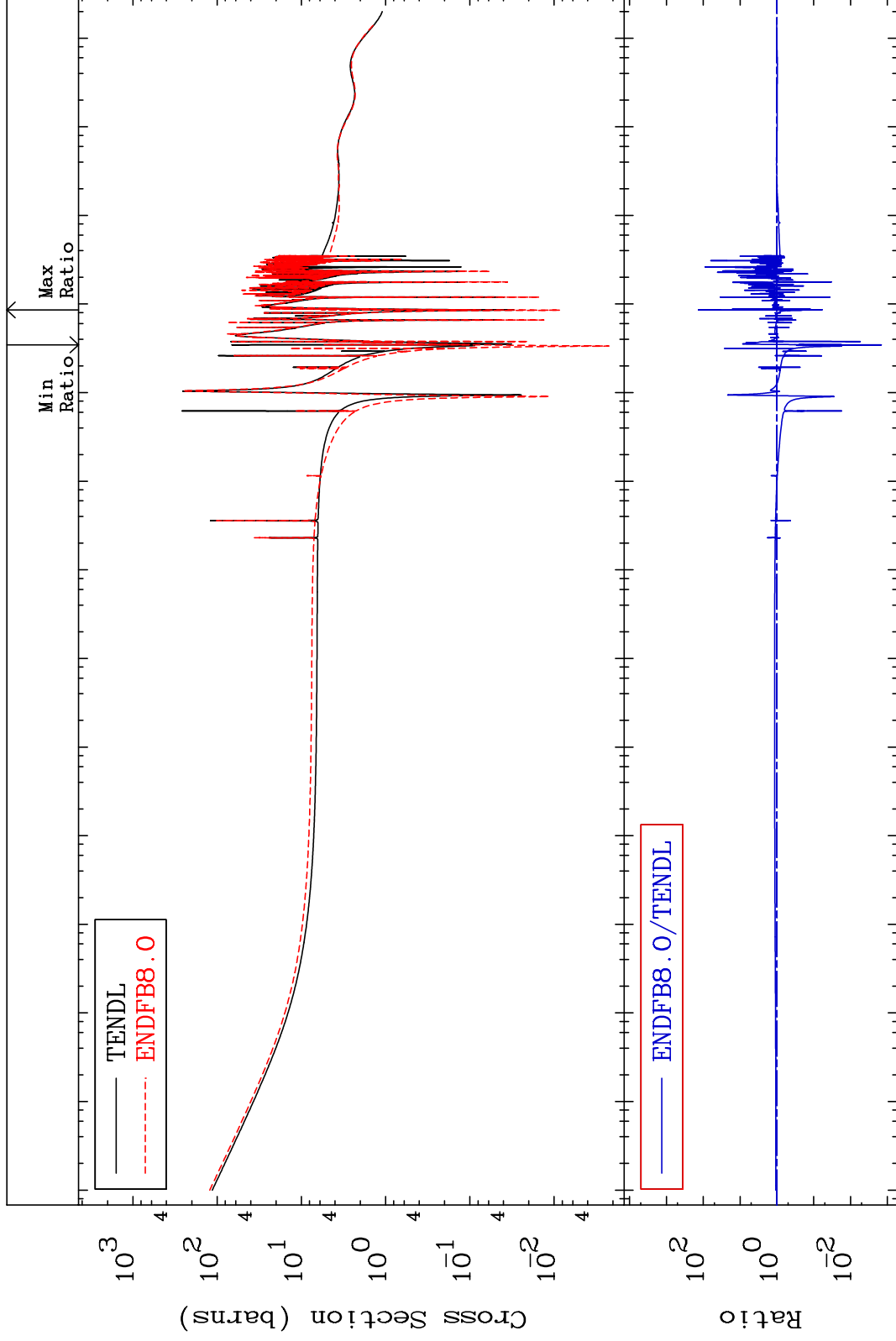
MAT 2637

Total

²⁶Fe-58

Cross Section

-99.86 To 9999. %



ENDFB8.0/TENDL

Ratio



Incident Energy (eV)

²⁶Fe-58

1

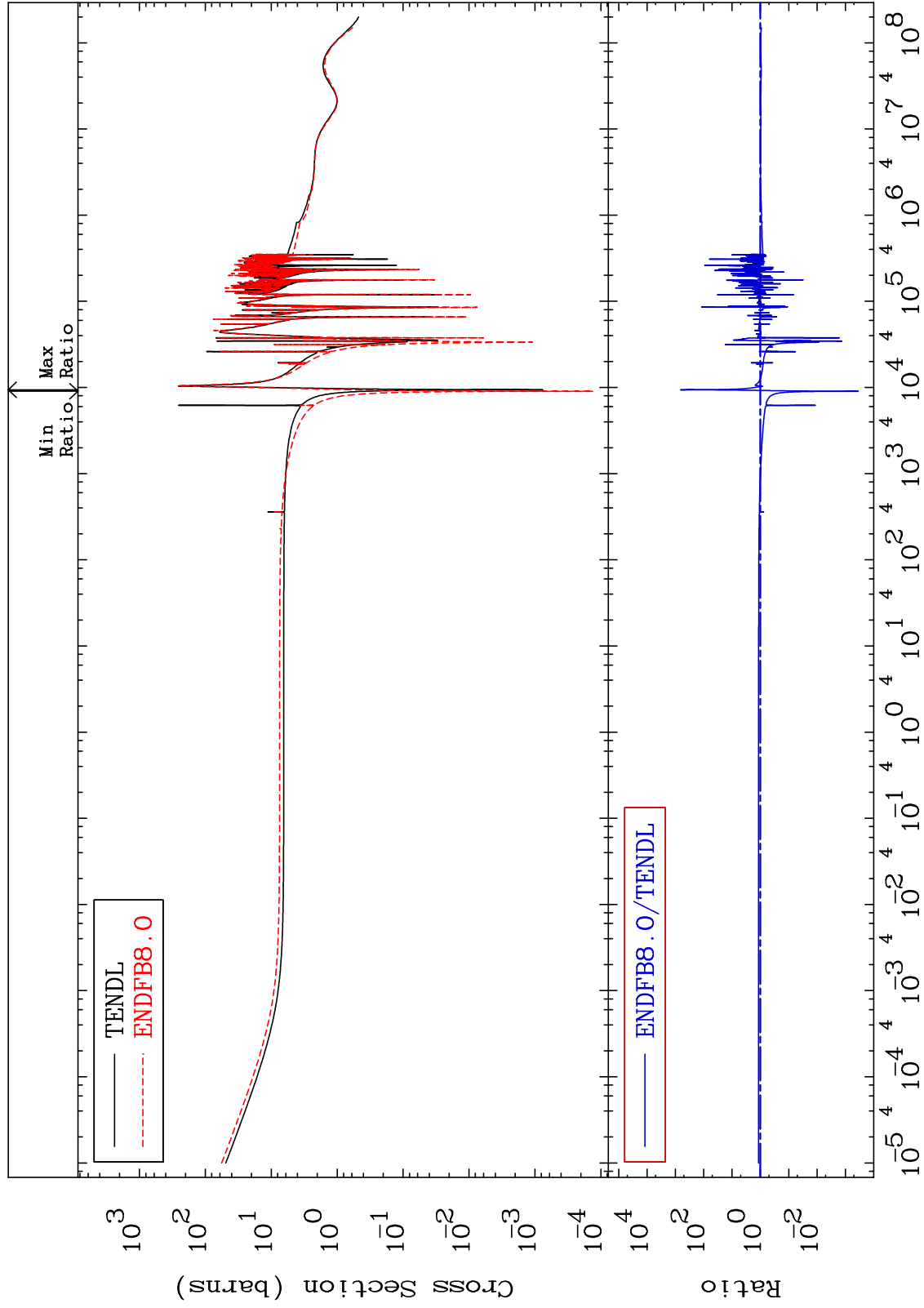
MAT 2637

Elastic

Cross Section

²⁶Fe-58

-99.97 To 9999. %

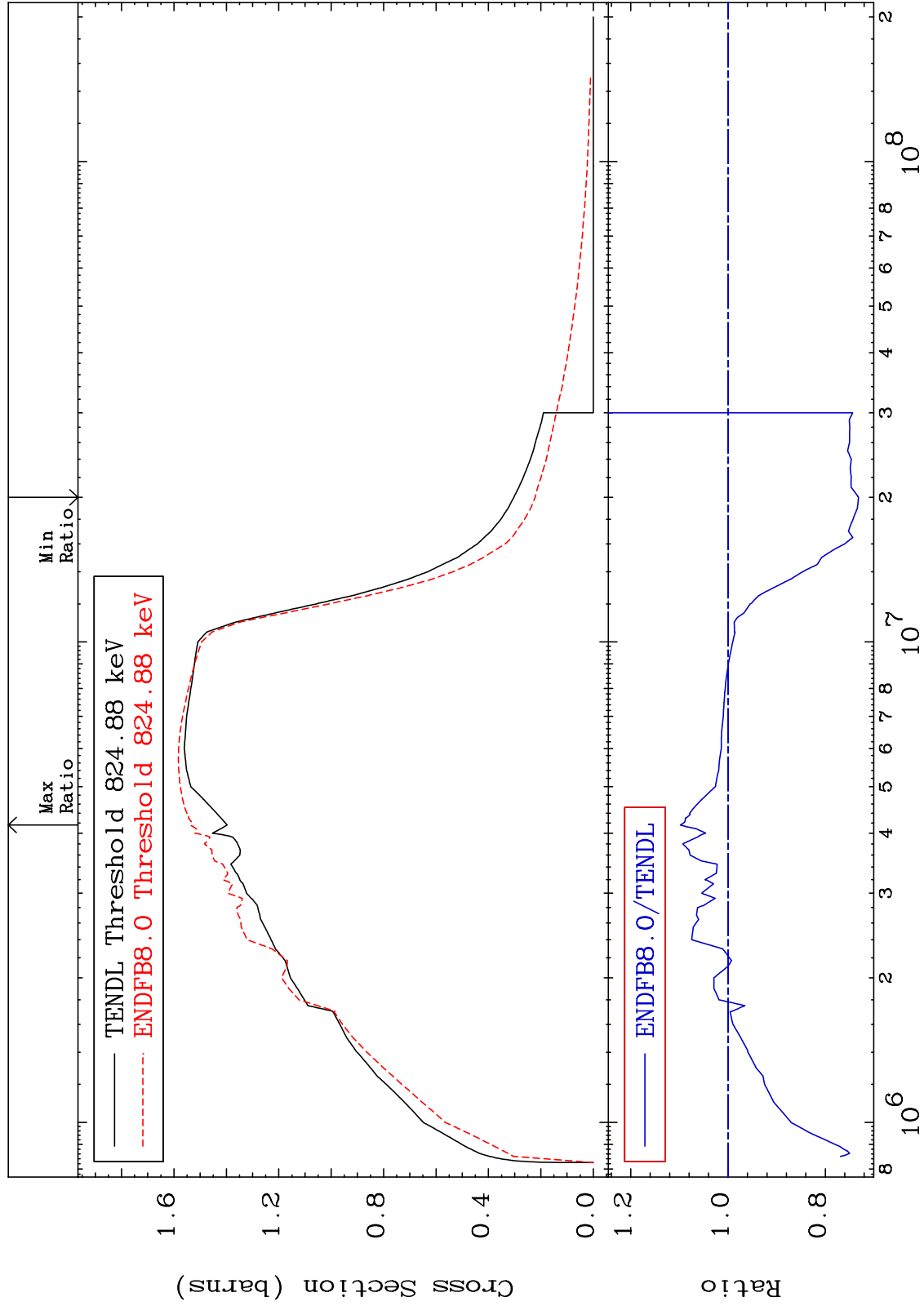


MAT 2637

Inelastic
Cross Section

26-Fe-58

-26.83 To 9.780 %



Incident Energy (eV)

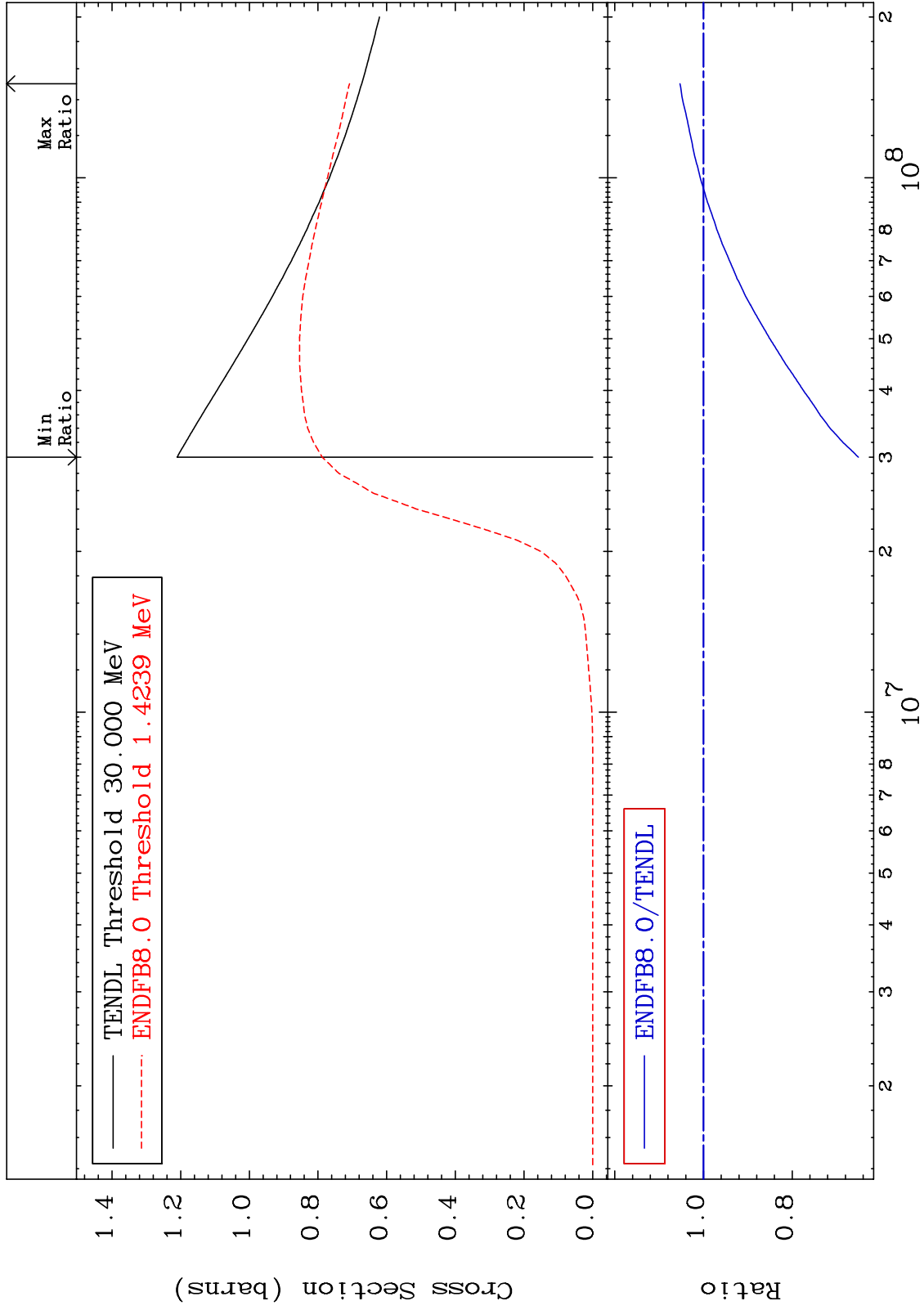
26-Fe-58

3

MAT 2637

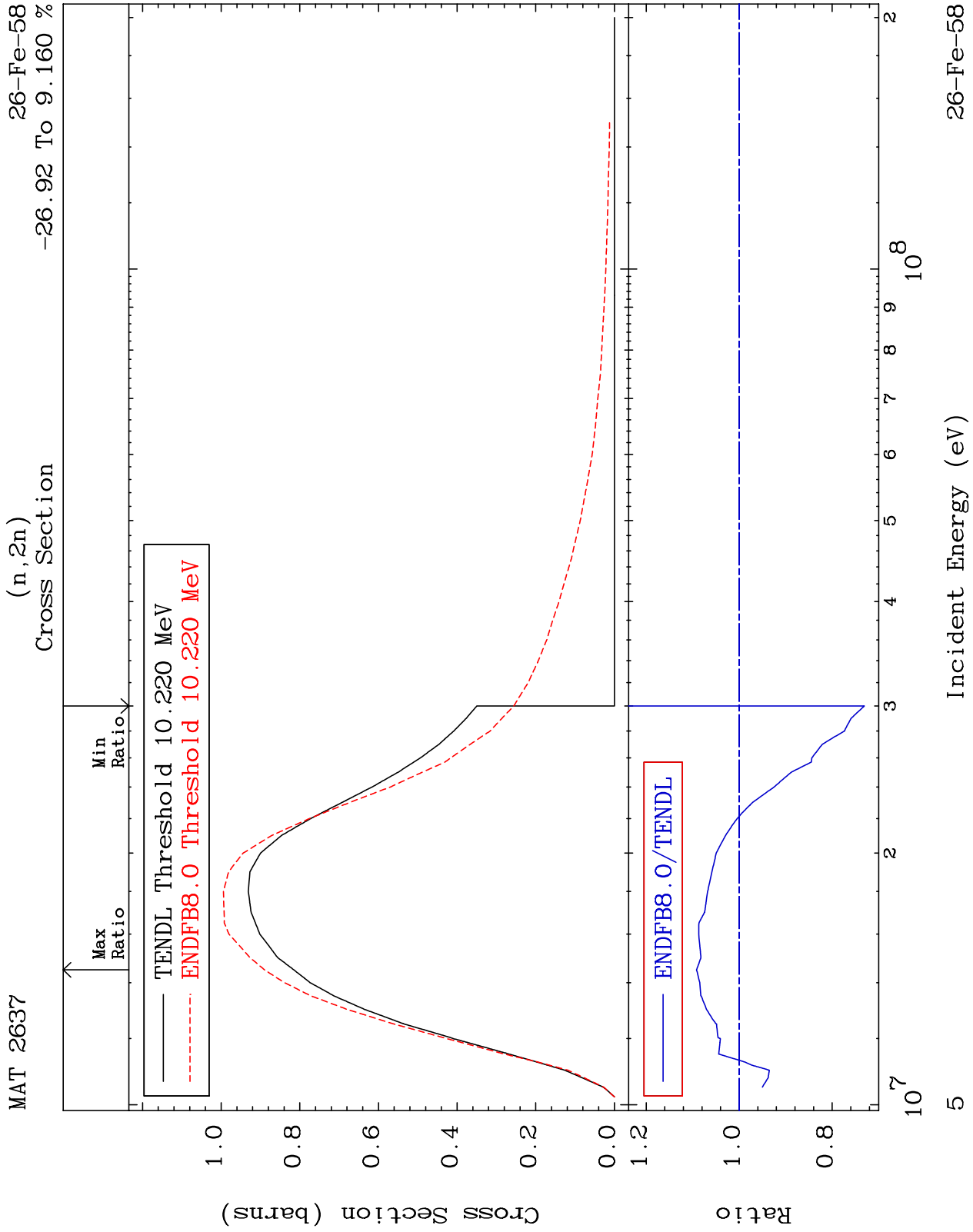
(n, remainder)
Cross Section

26-Fe-58
-34.92 To 5.300 %



26-Fe-58

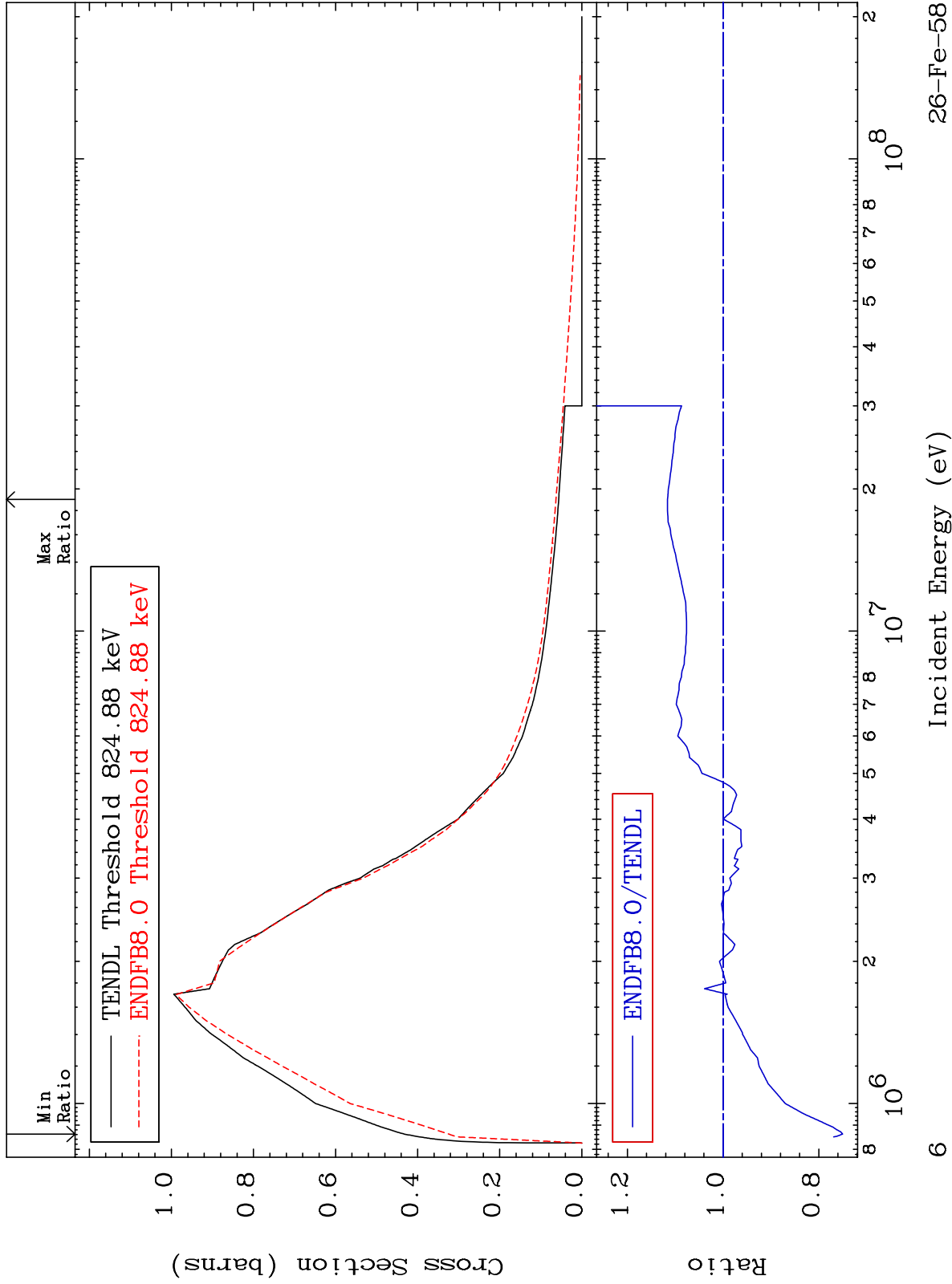
Incident Energy (eV)



MAT 2637

MT= 51 (n,n') Level
Cross Section

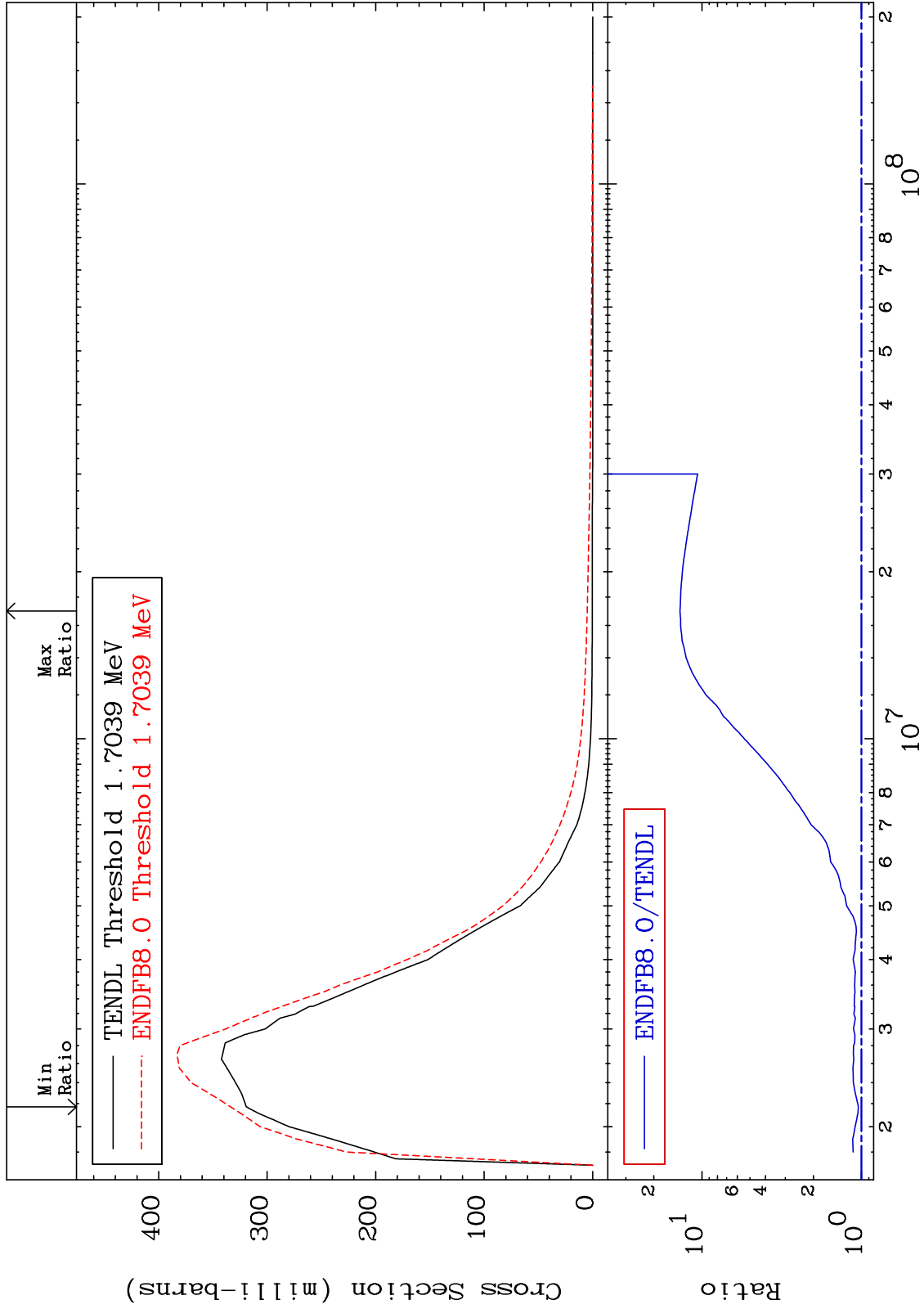
26-Fe-58
-24.99 To 11.61 %



MAT 2637

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

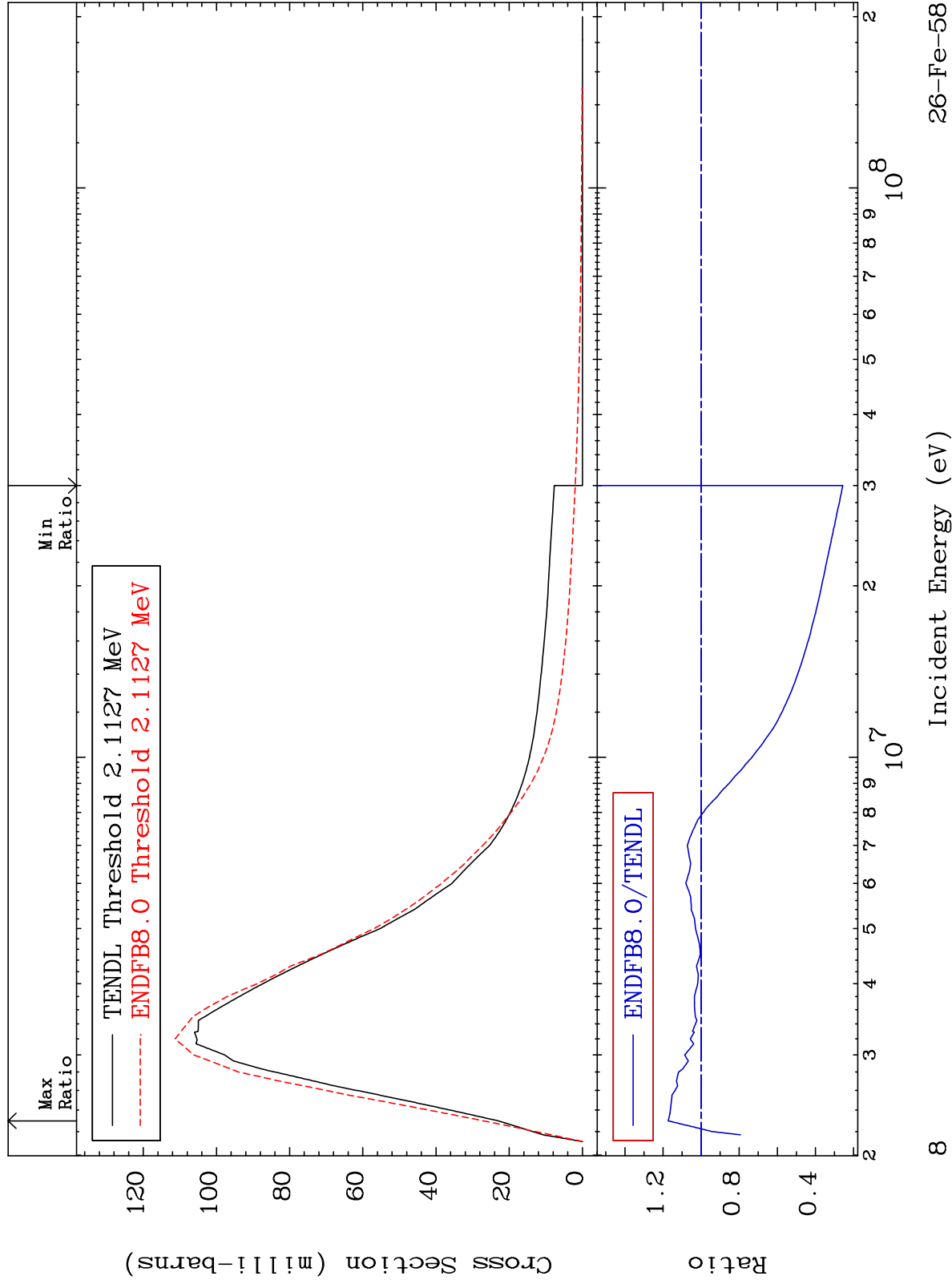
26-Fe-58
4.534 To 1272. %



MAT 2637

MT= 53 (n,n') Level
Cross Section

26-Fe-58
-74.40 To 17.37 %



8

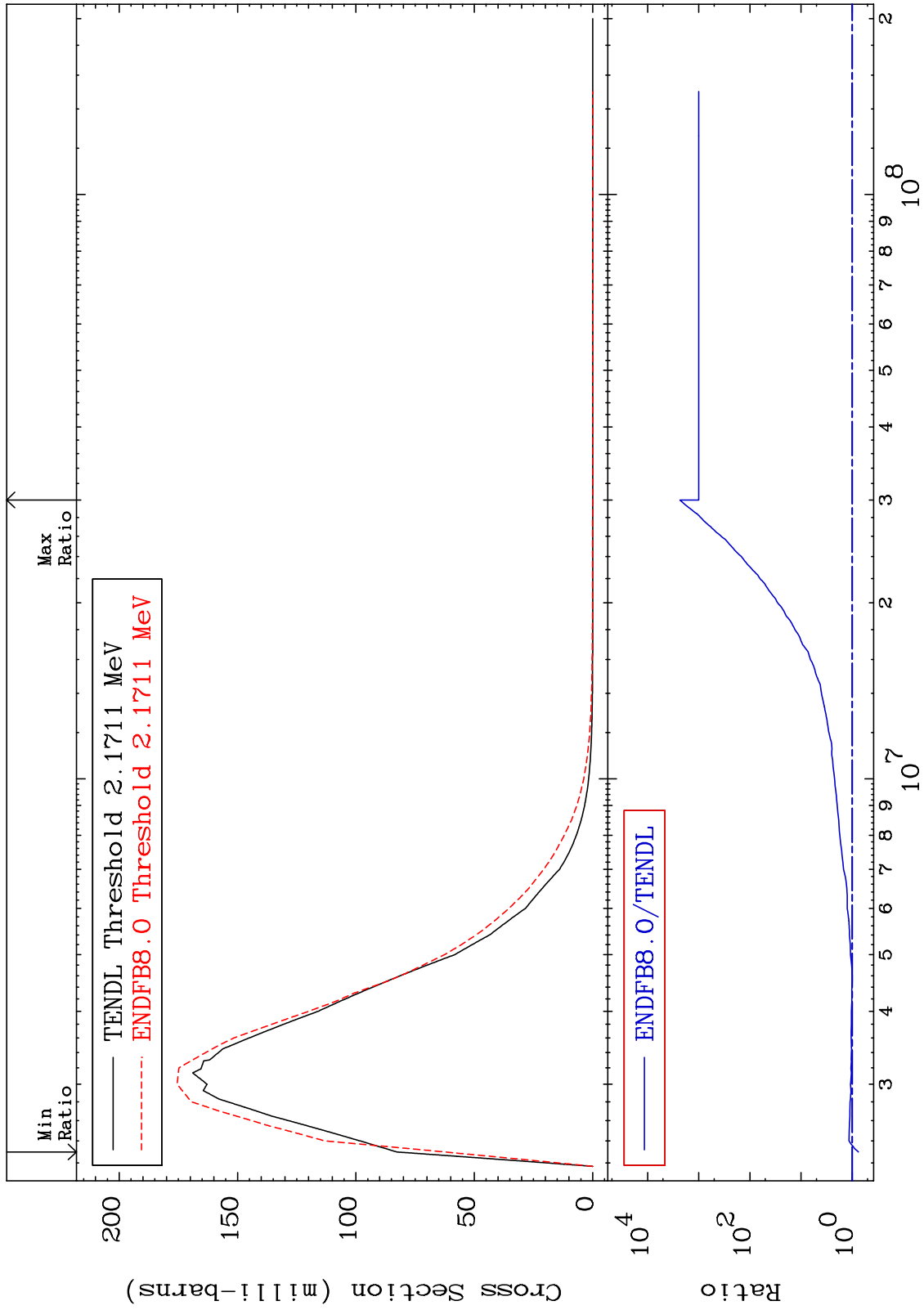
Incident Energy (eV)

26-Fe-58

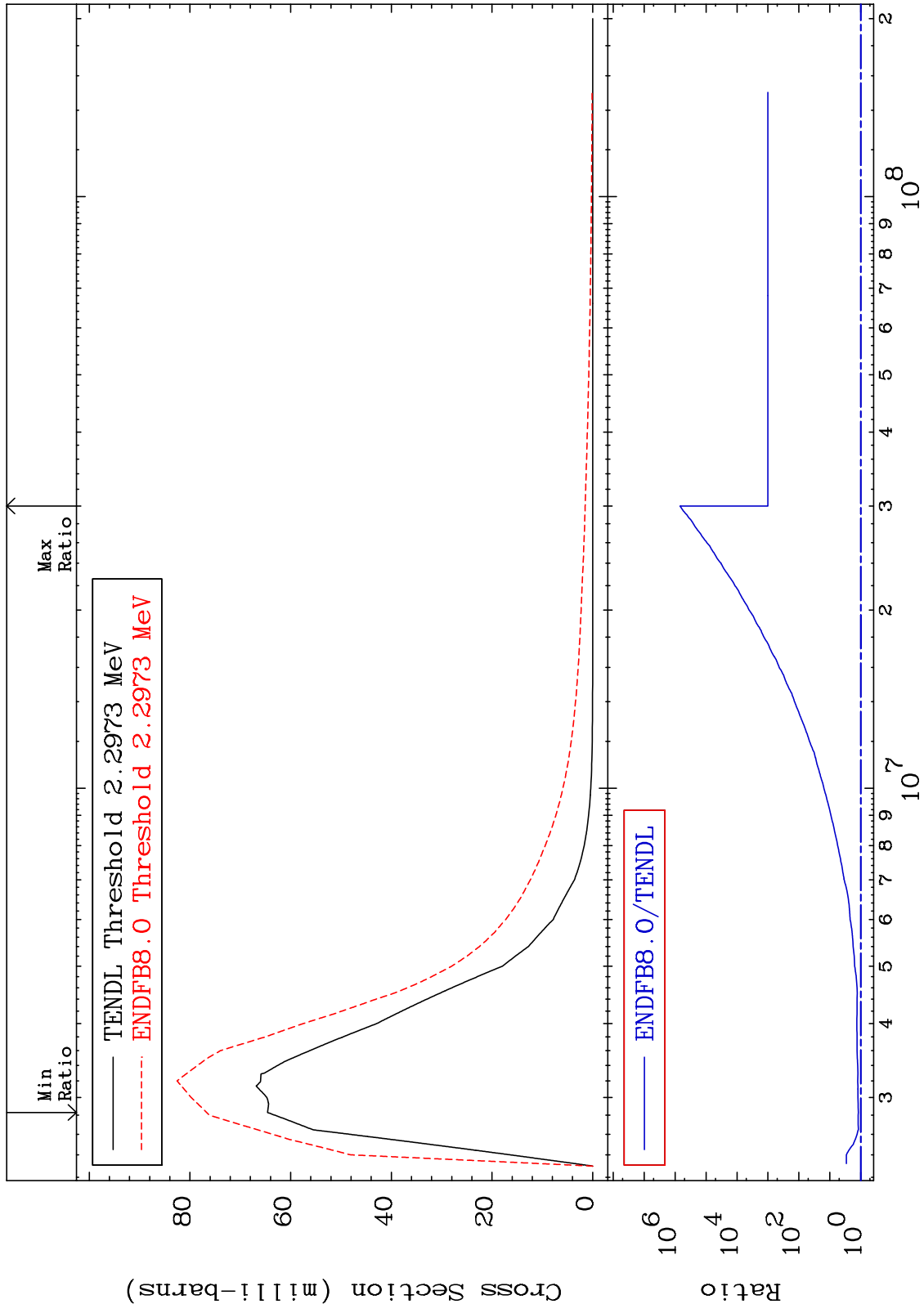
MAT 2637

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

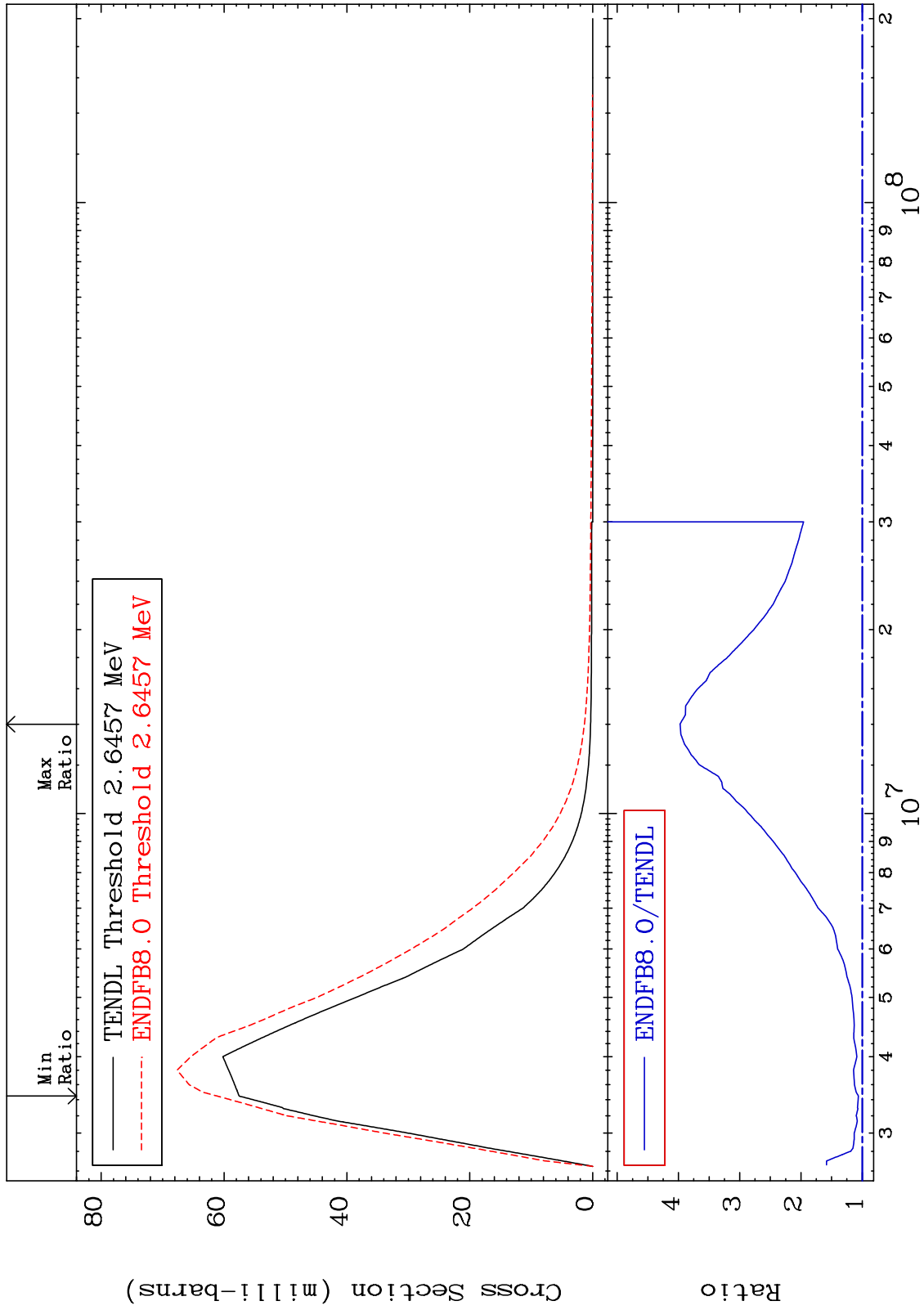
26-Fe-58
-24.55 To 9999. %



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



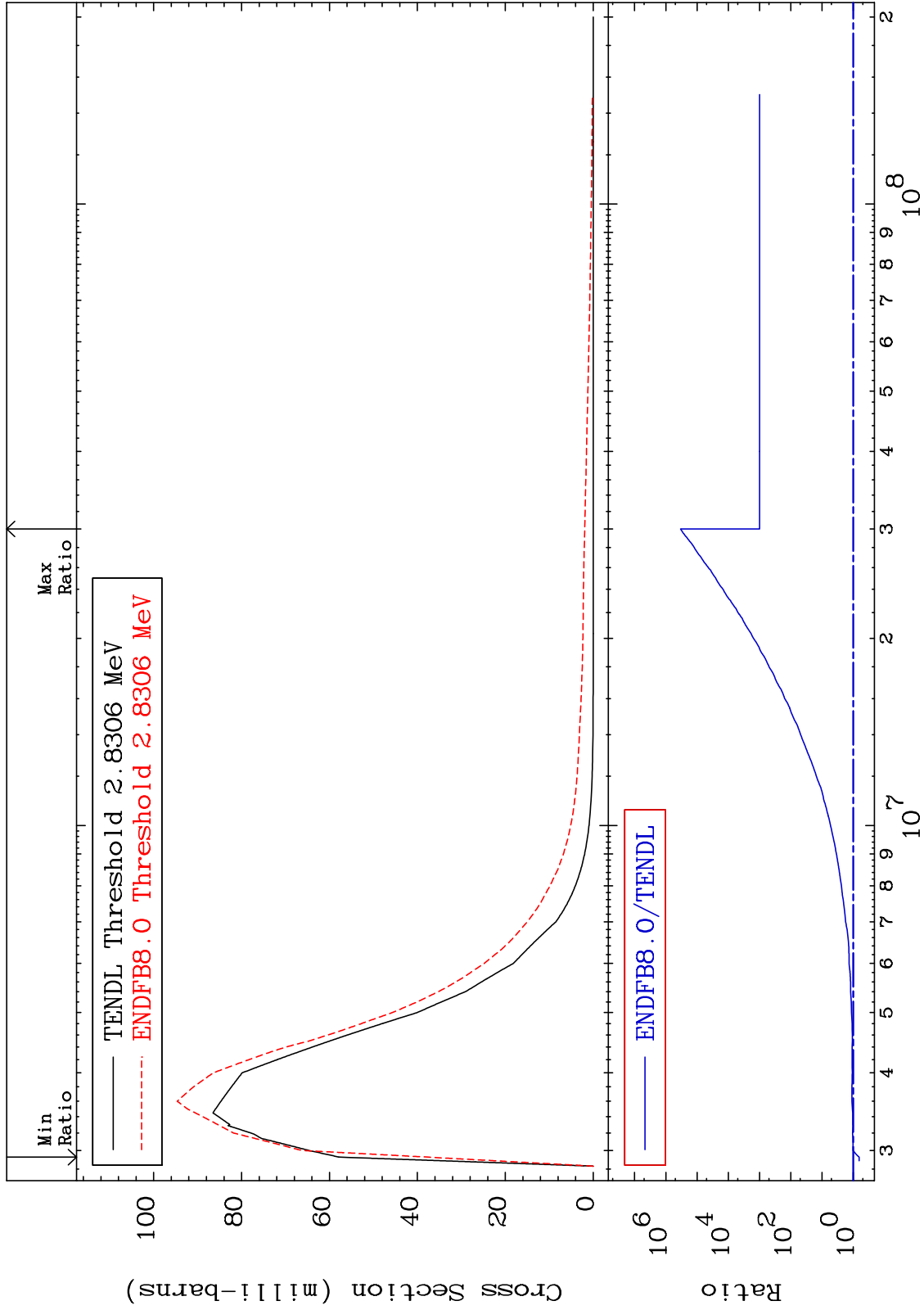
MAT 2637 MT= 56 (n,n') Level Cross Section 26-Fe-58
 6.213 To 297.5 %



MAT 2637

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

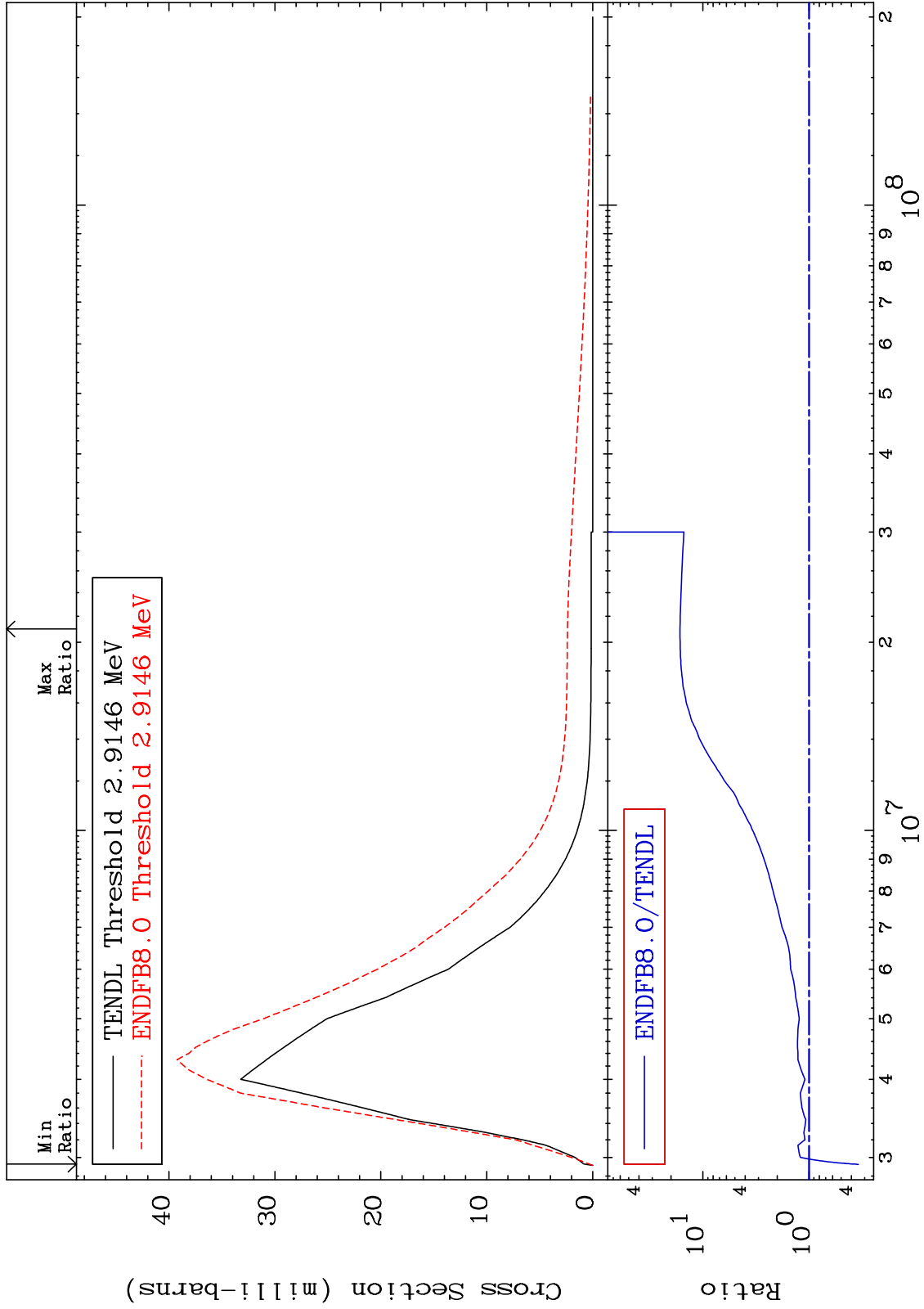
26-Fe-58
-35.01 To 9999. %



MAT 2637

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

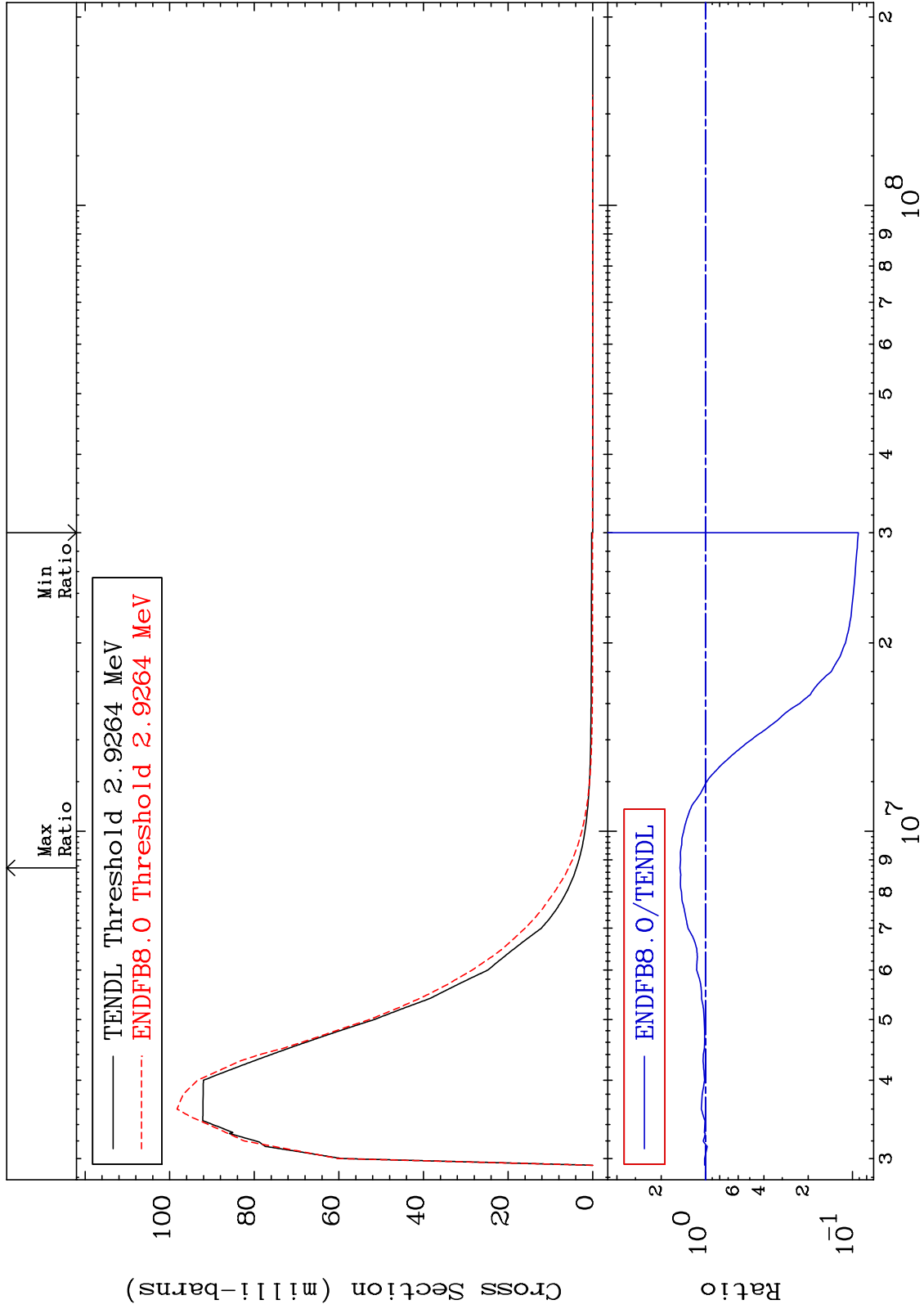
26-Fe-58
-65.67 To 1542. %



MAT 2637

MT= 59 (n, n') Level
Cross Section

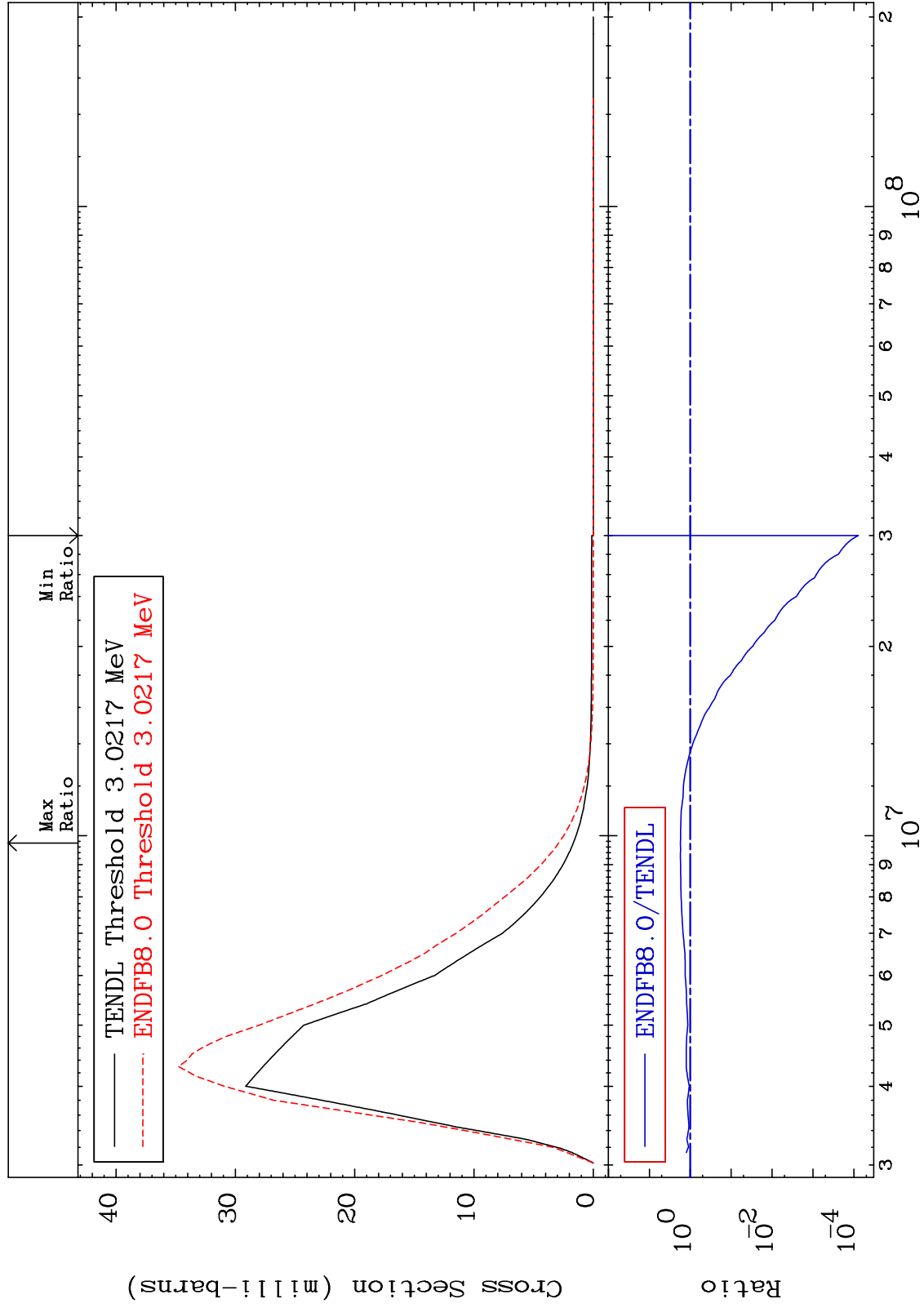
26-Fe-58
-90.89 To 49.02 %



MAT 2637

MT= 60 (n,n') Level
Cross Section

26-Fe-58
-99.99 To 73.89 %



15

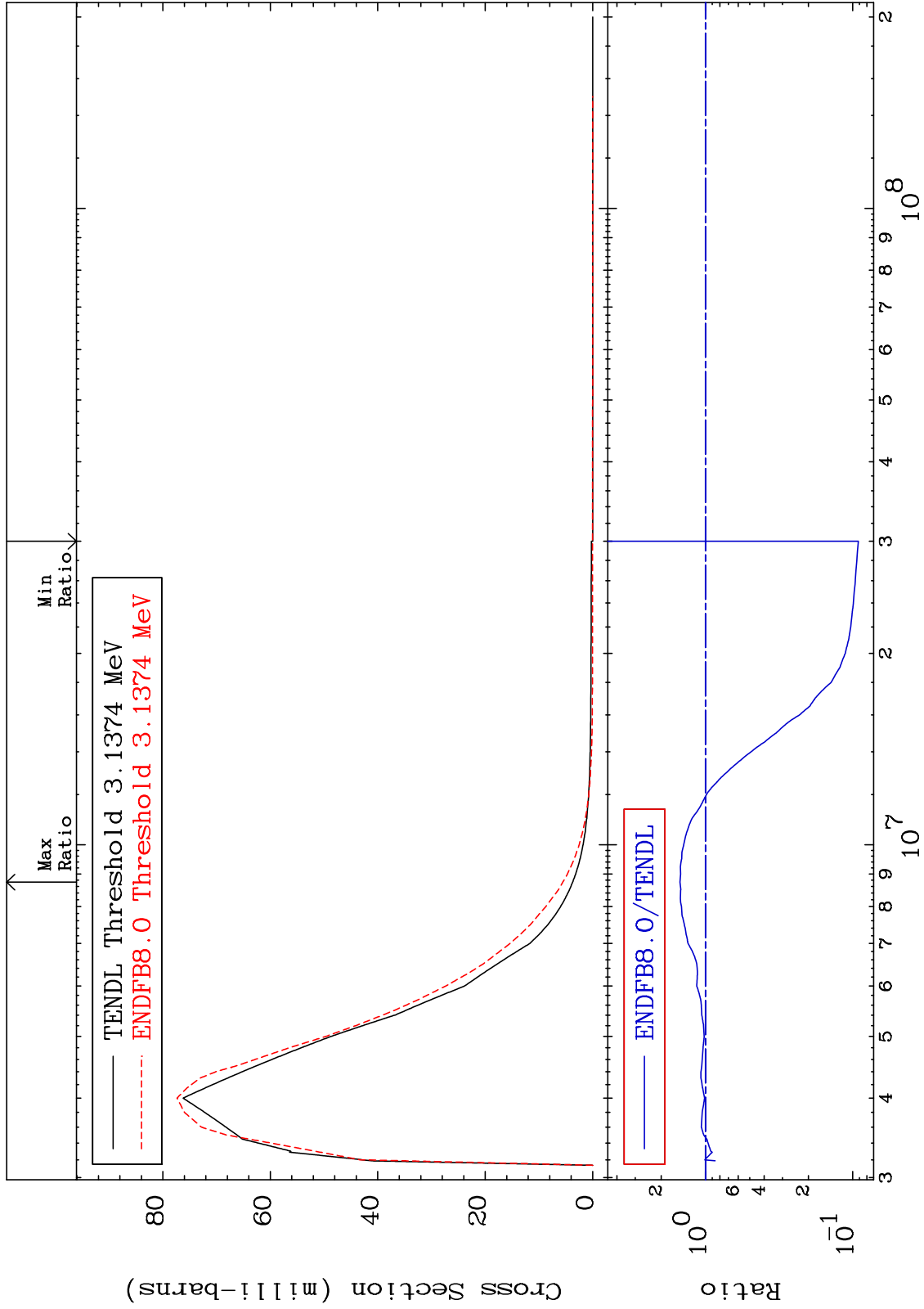
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 61 (n,n') Level
Cross Section

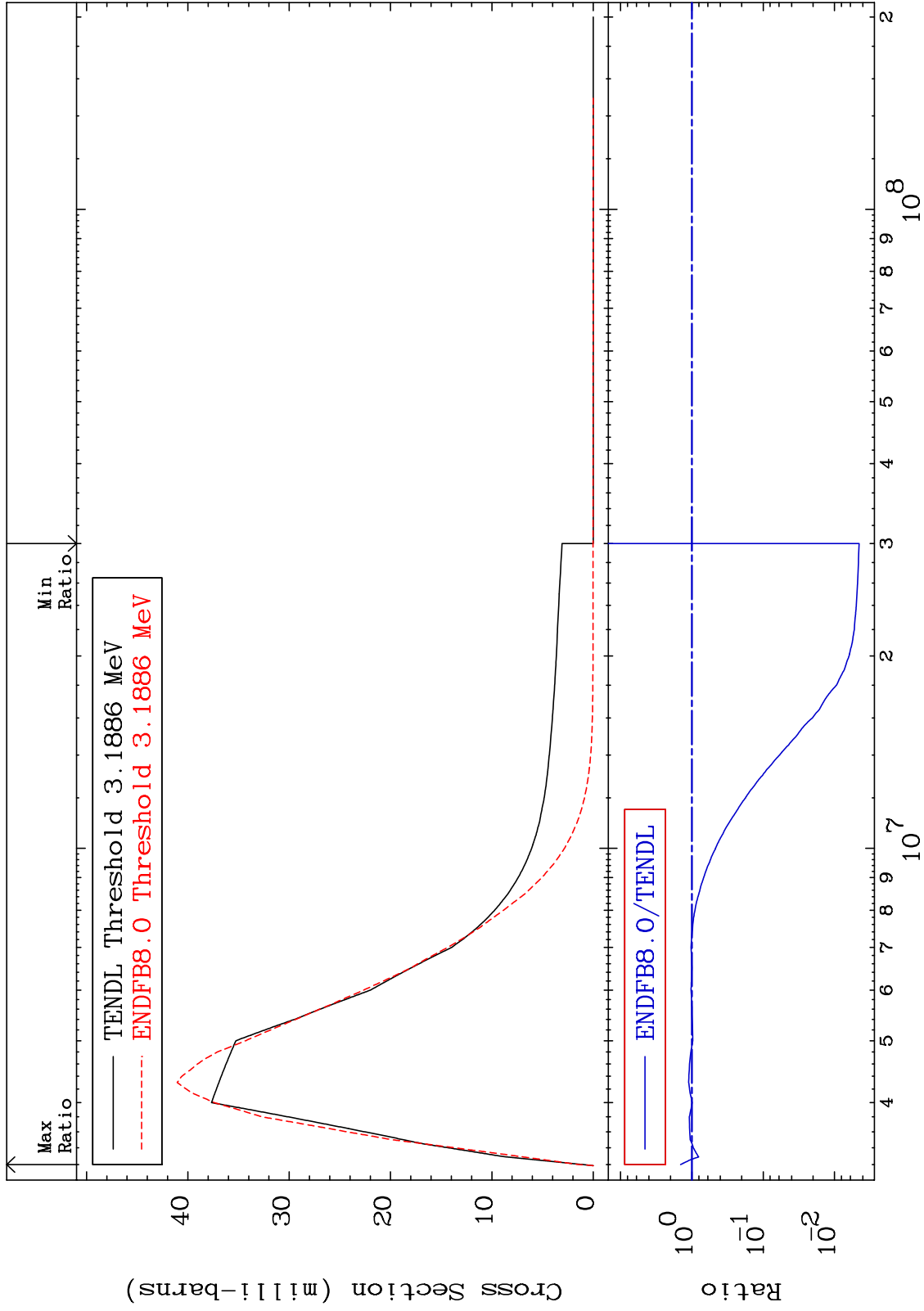
26-Fe-58
-90.86 To 49.03 %



MAT 2637

MT= 62 (n,n') Level
Cross Section

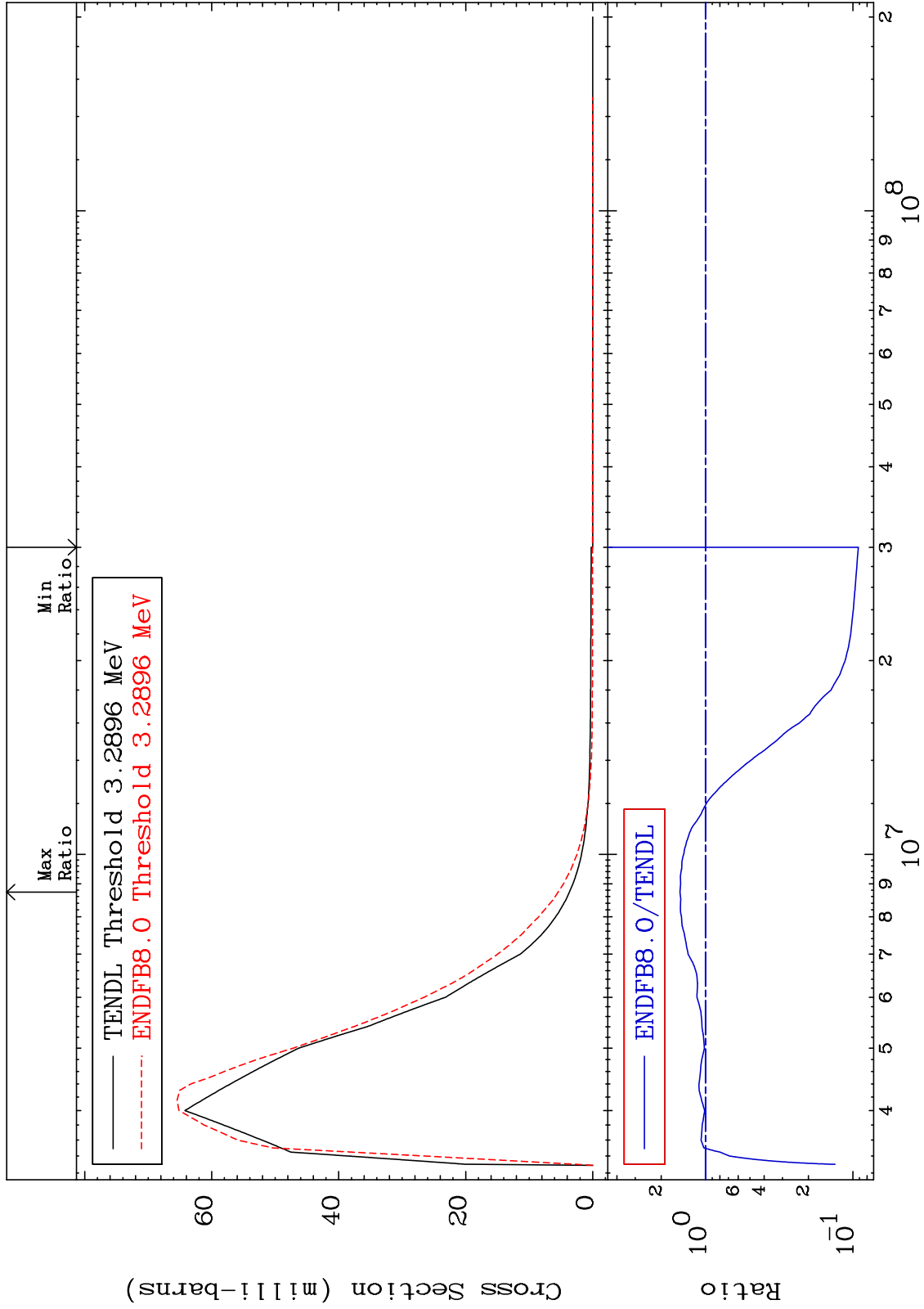
26-Fe-58
-99.55 To 44.06 %



MAT 2637

MT= 63 (n,n') Level
Cross Section

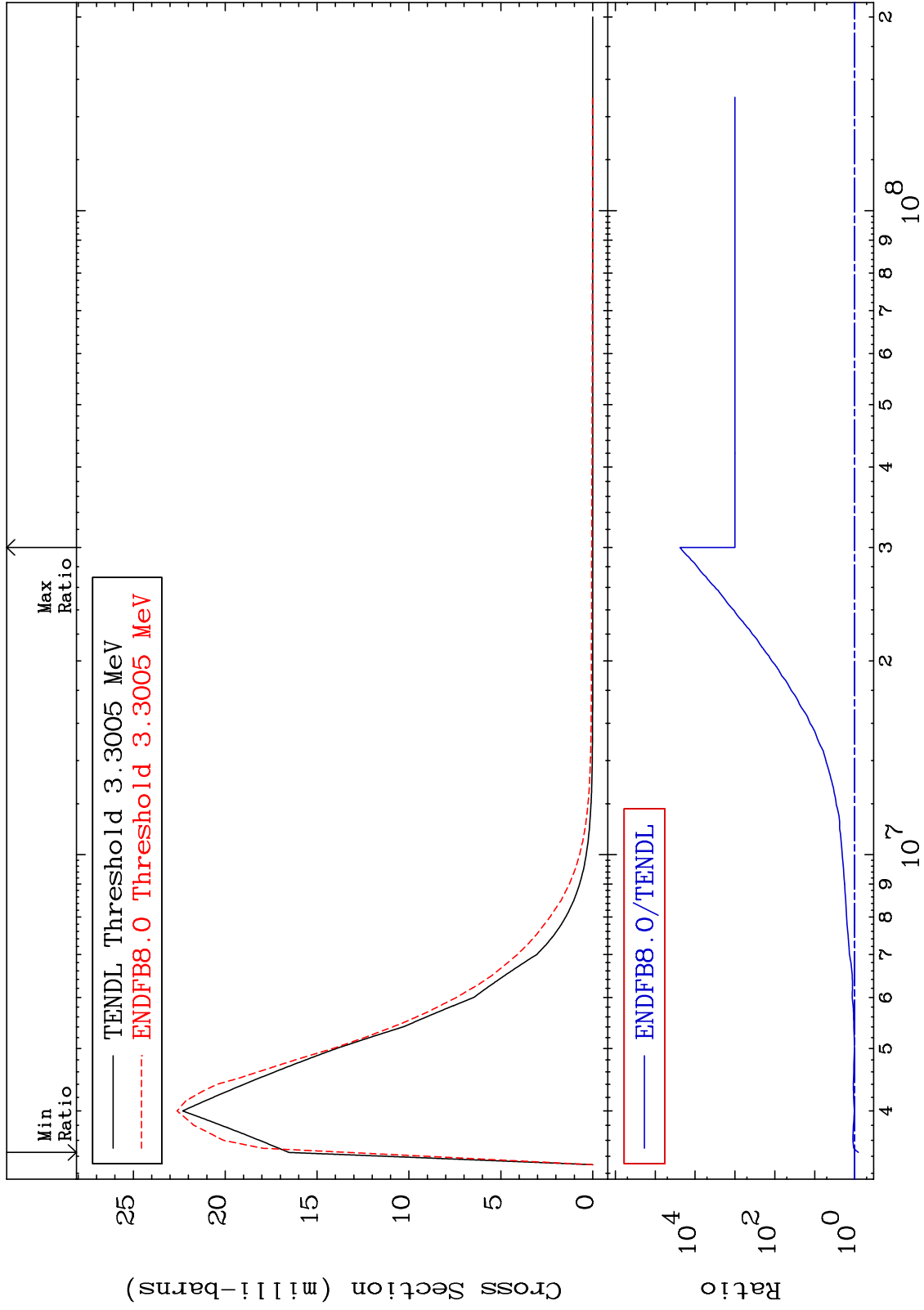
26-Fe-58
-90.84 To 49.06 %



MAT 2637

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

26-Fe-58
-19.69 To 9999. %



19

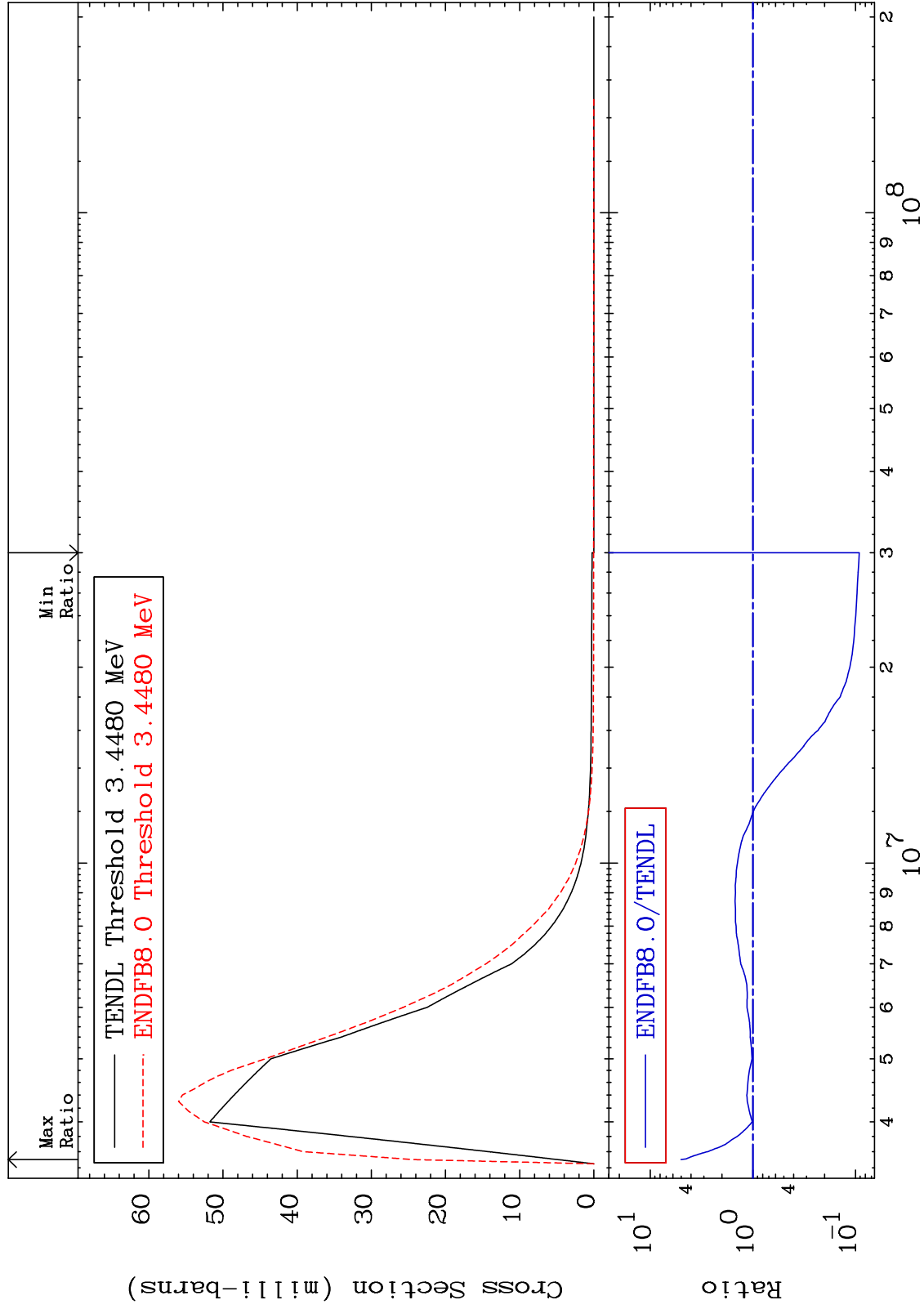
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 65 (n,n') Level
Cross Section

26-Fe-58
-90.82 To 400.6 %



20

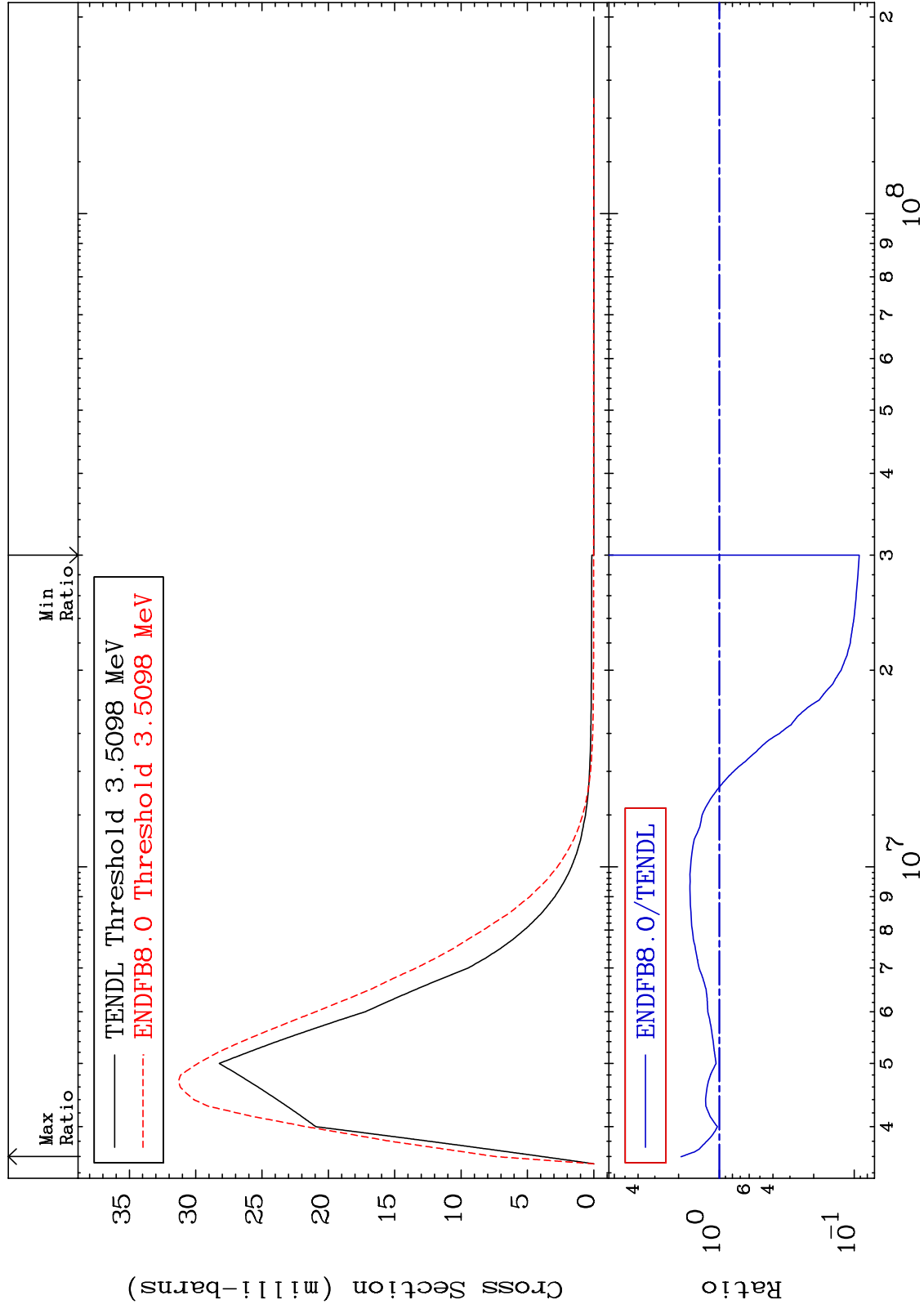
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 66 (n,n') Level
Cross Section

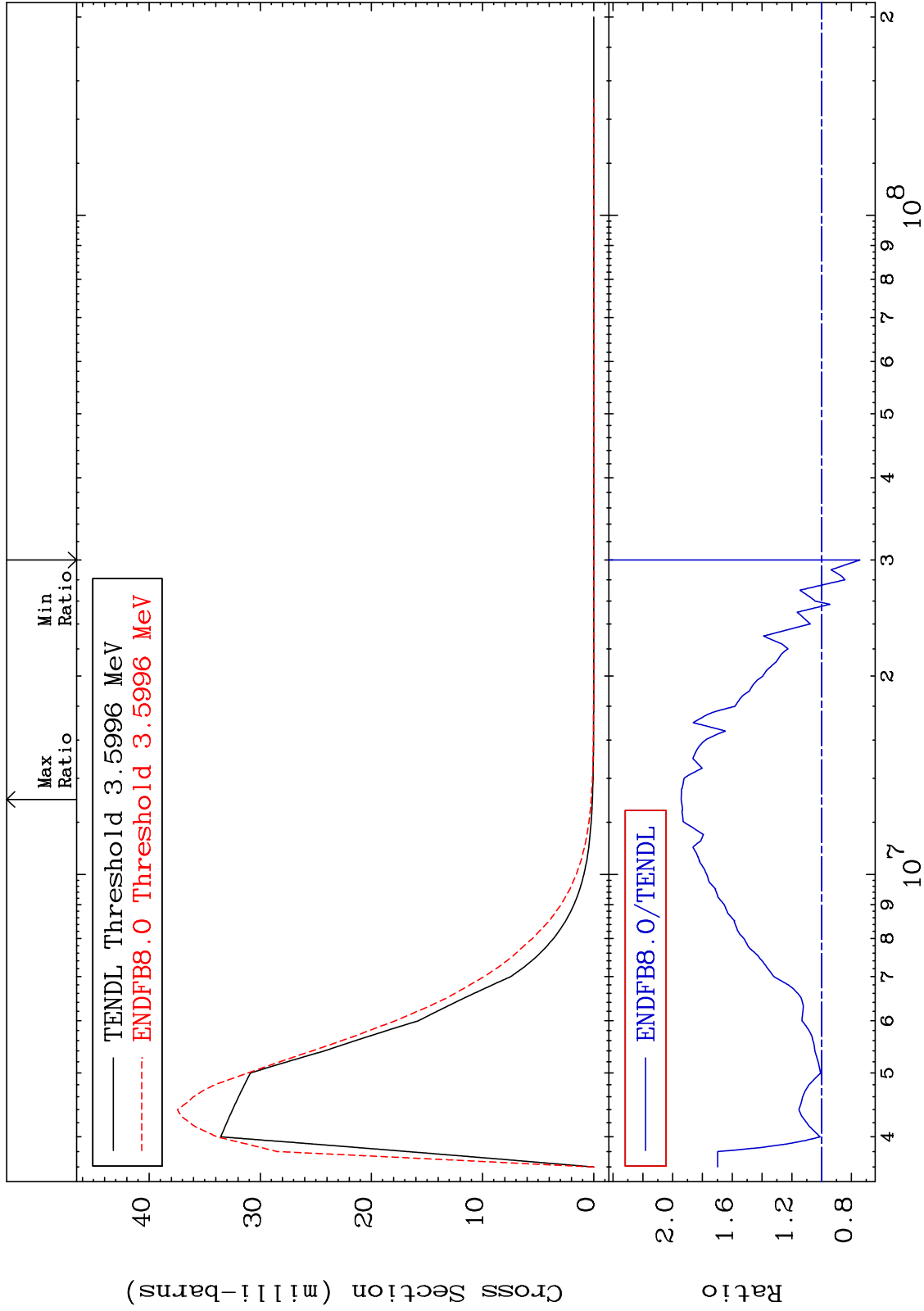
26-Fe-58
-90.82 To 92.06 %



MAT 2637

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

26-Fe-58
-25.71 To 94.23 %



22

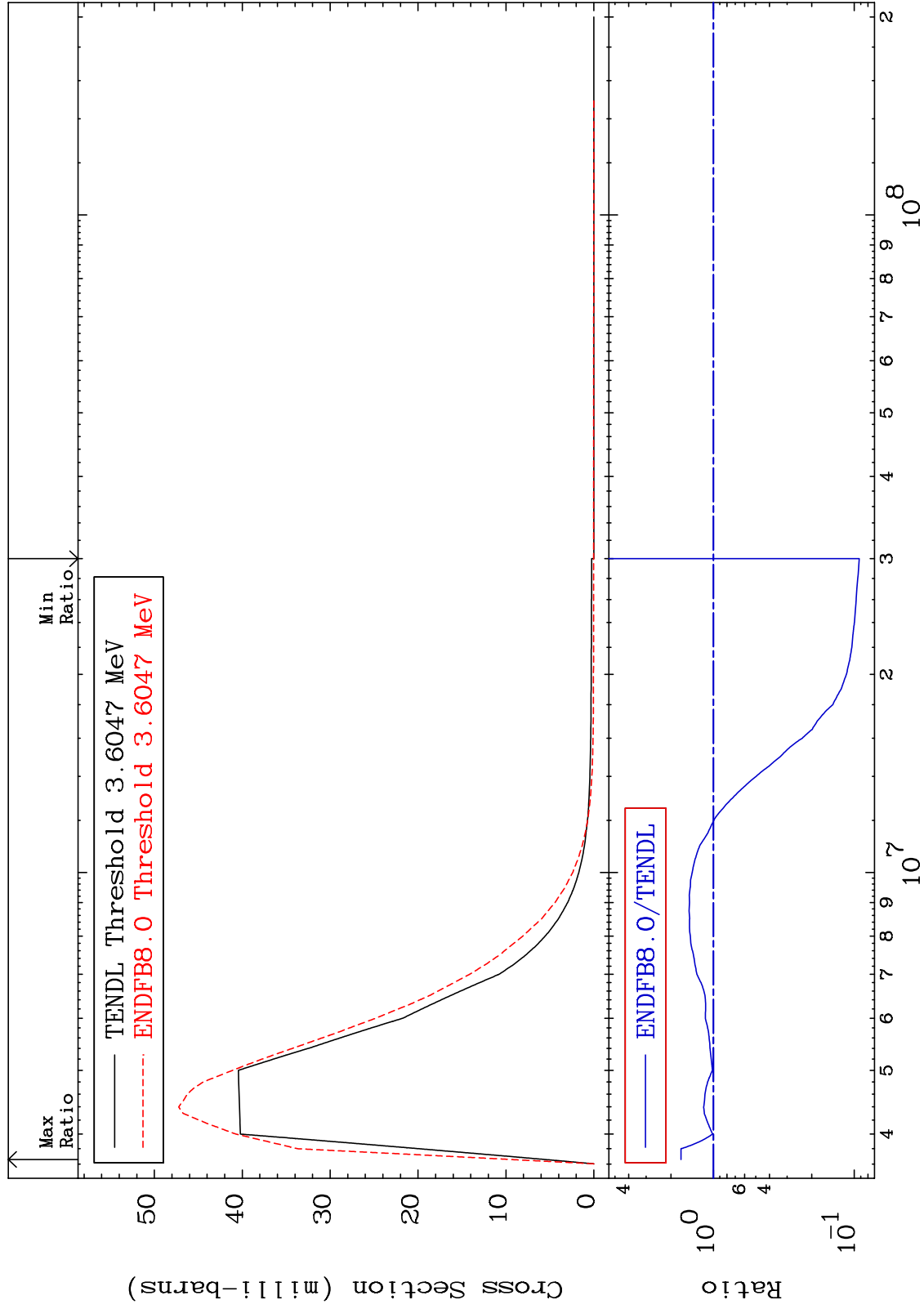
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 68 (n,n') Level
Cross Section

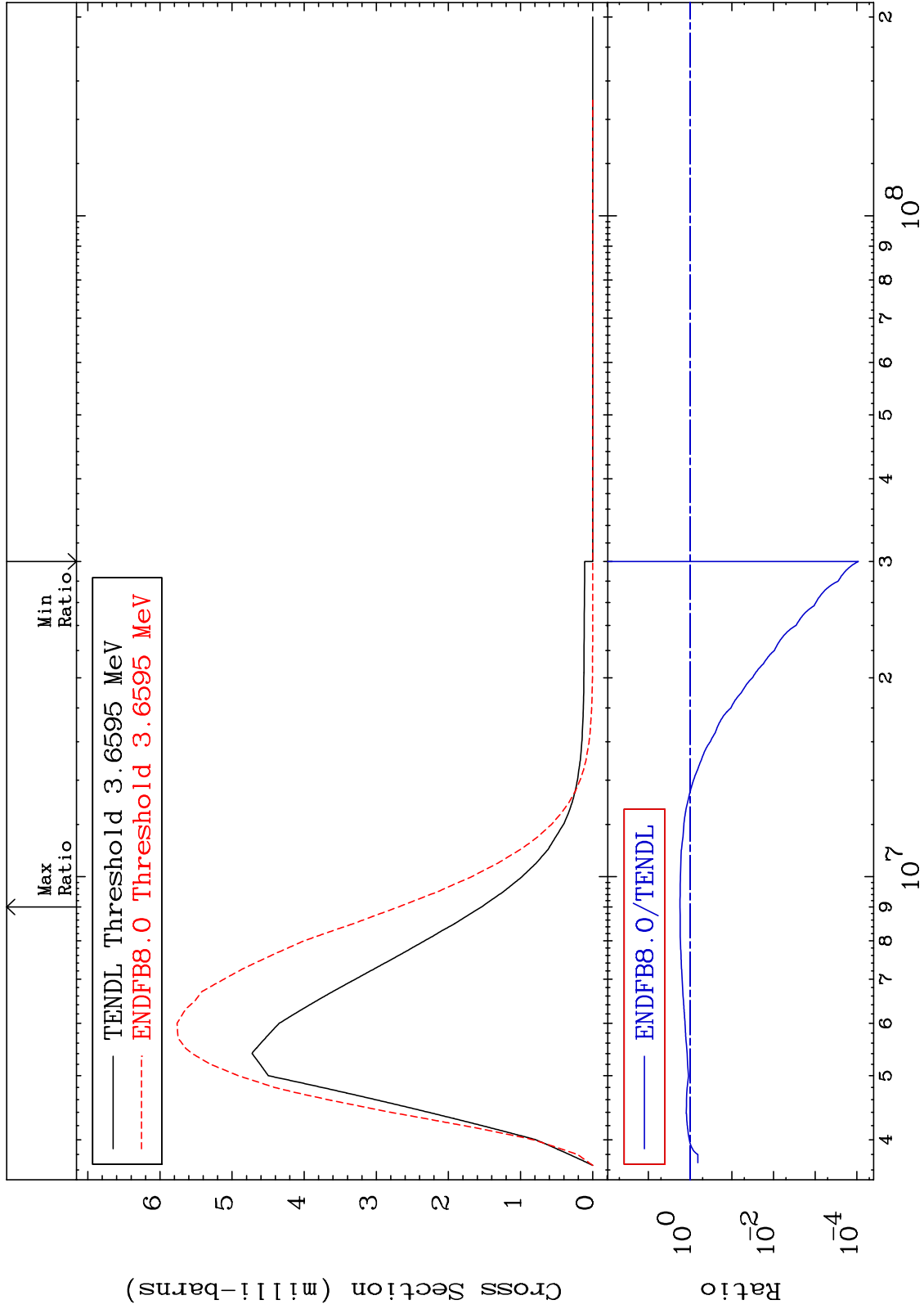
26-Fe-58
-90.79 To 69.70 %



MAT 2637

MT= 69 (n,n') Level
Cross Section

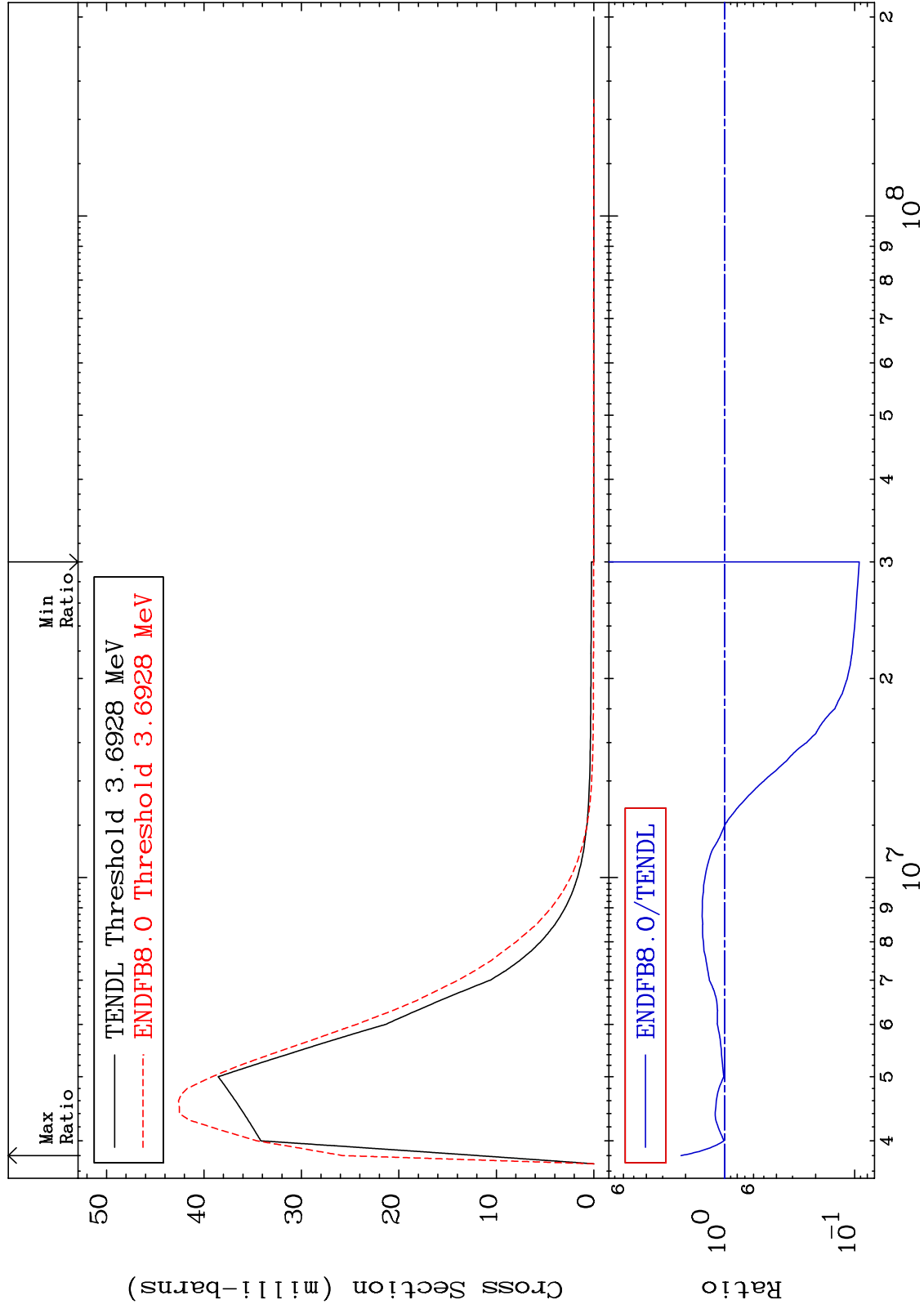
26-Fe-58
-99.99 To 74.51 %



MAT 2637

MT= 70 (n,n') Level
Cross Section

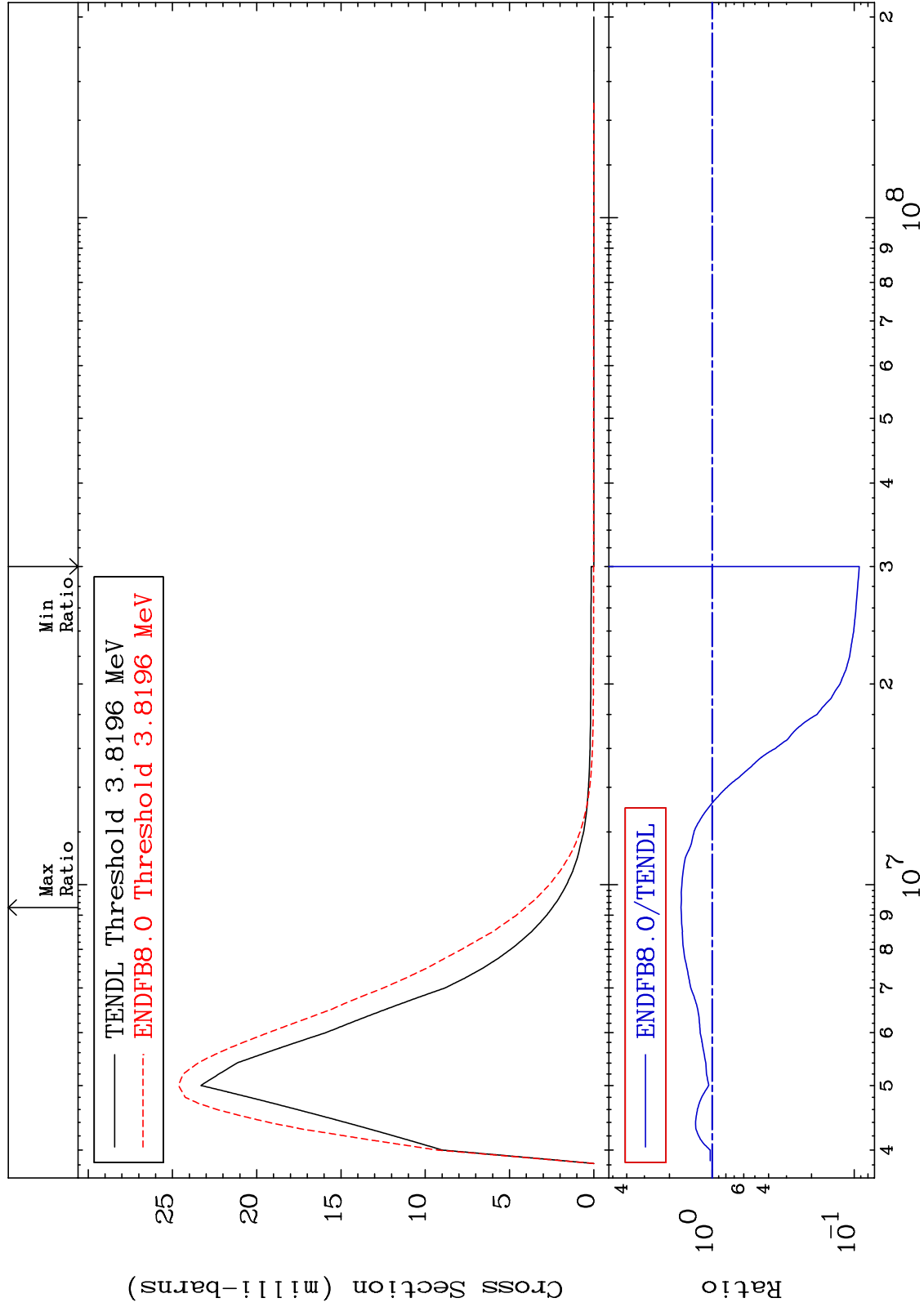
26-Fe-58
-90.78 To 116.4 %



MAT 2637

MT= 71 (n,n') Level
Cross Section

26-Fe-58
-90.79 To 65.60 %



26

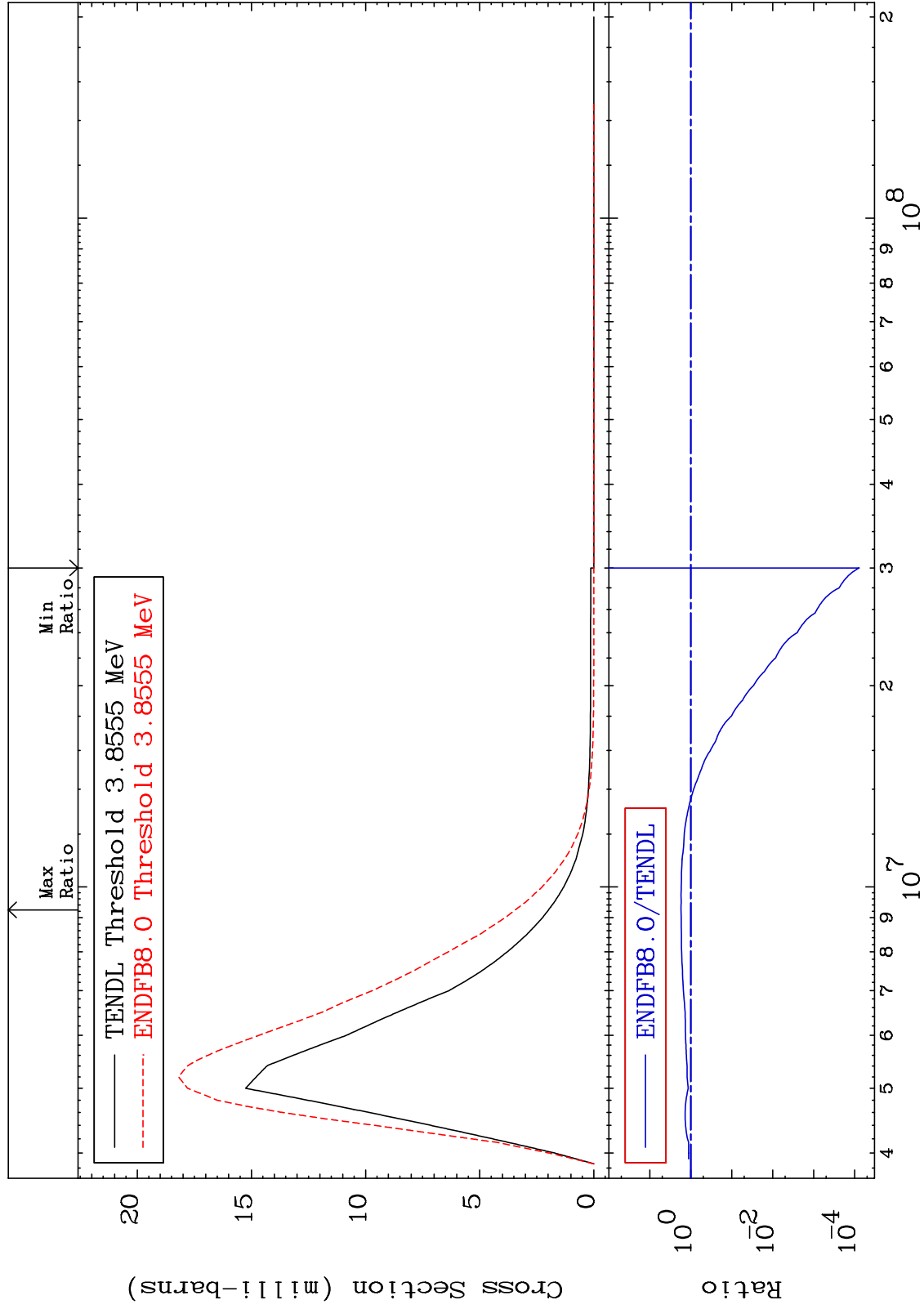
Incident Energy (eV)

26-Fe-58

MAT 2637

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

26-Fe-58
-99.99 To 73.48 %



27

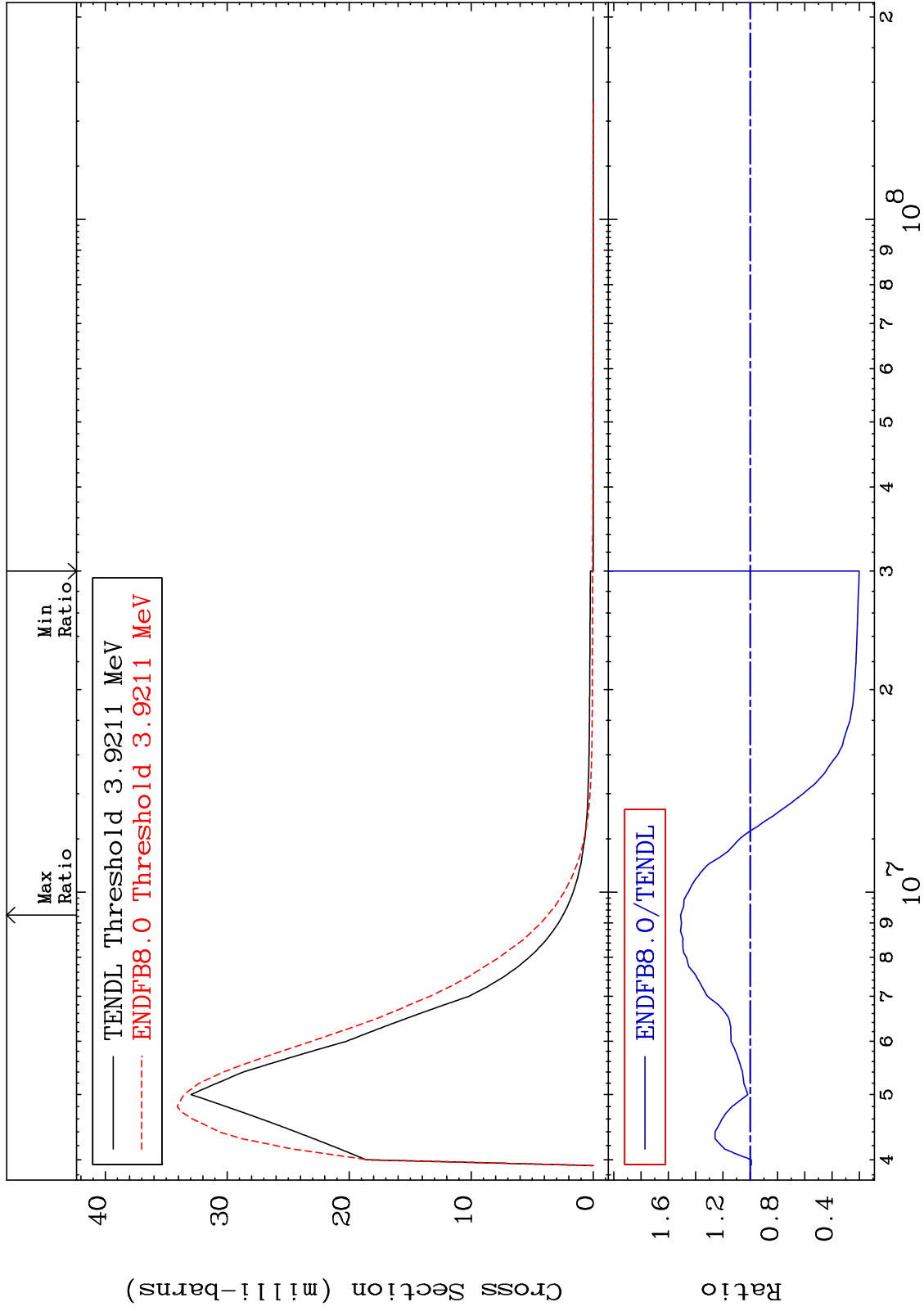
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 73 (n,n') Level
Cross Section

26-Fe-58
-79.84 To 51.02 %



28

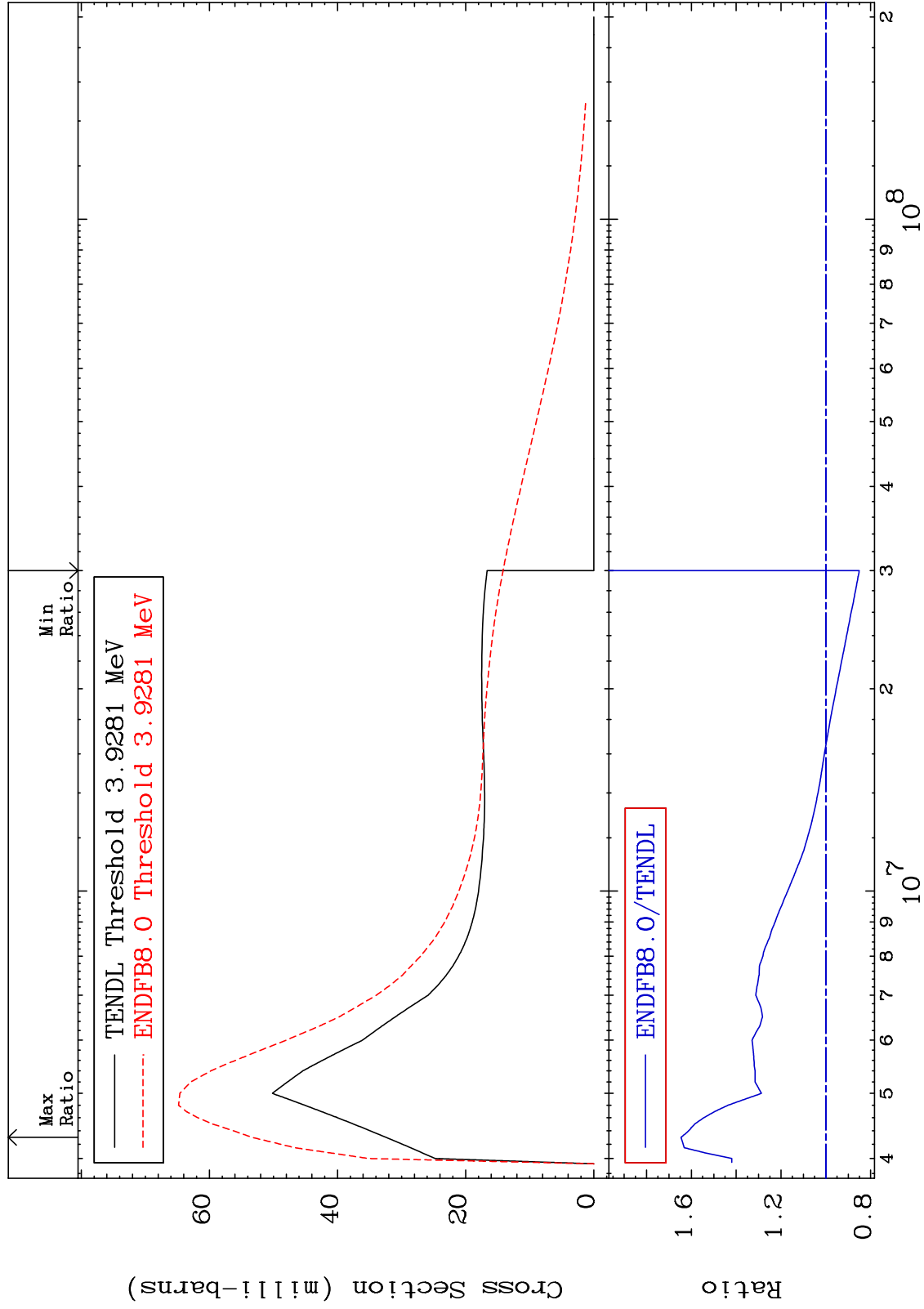
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 74 (n,n') Level
Cross Section

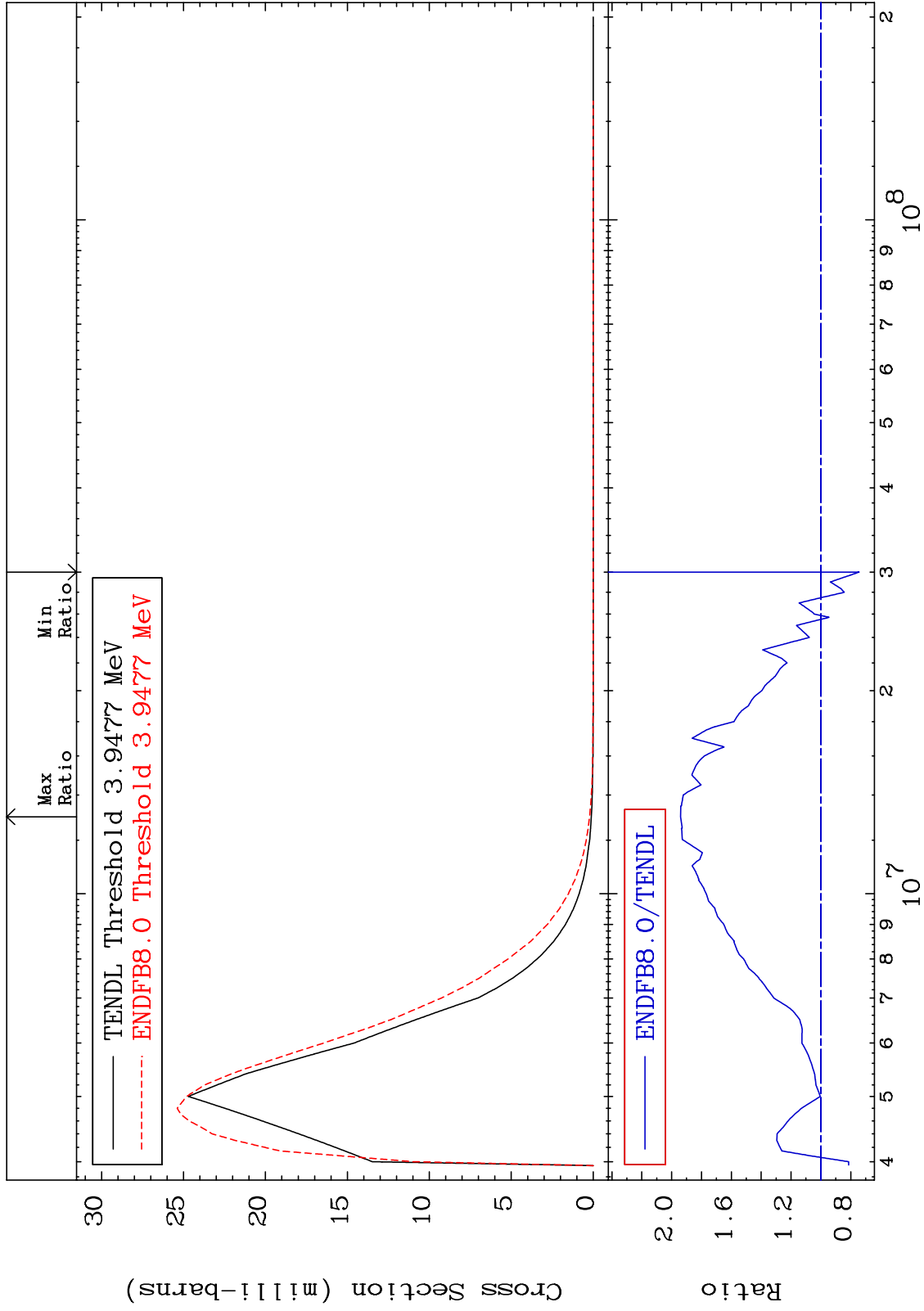
26-Fe-58
-14.92 To 64.62 %



MAT 2637

MT= 75 (n,n') Level
Cross Section

26-Fe-58
-25.66 To 93.97 %



30

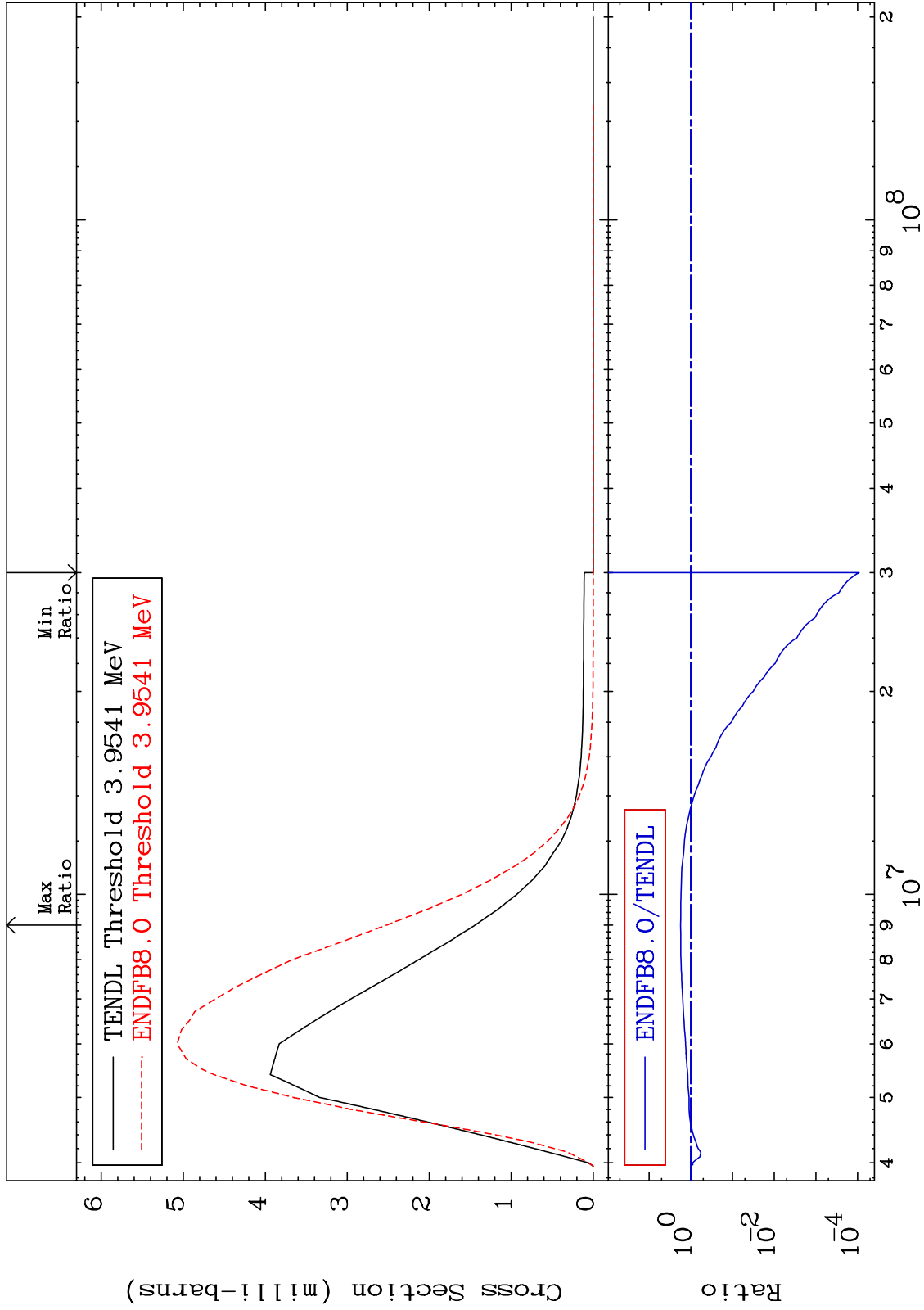
Incident Energy (eV)

26-Fe-58

MAT 2637

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

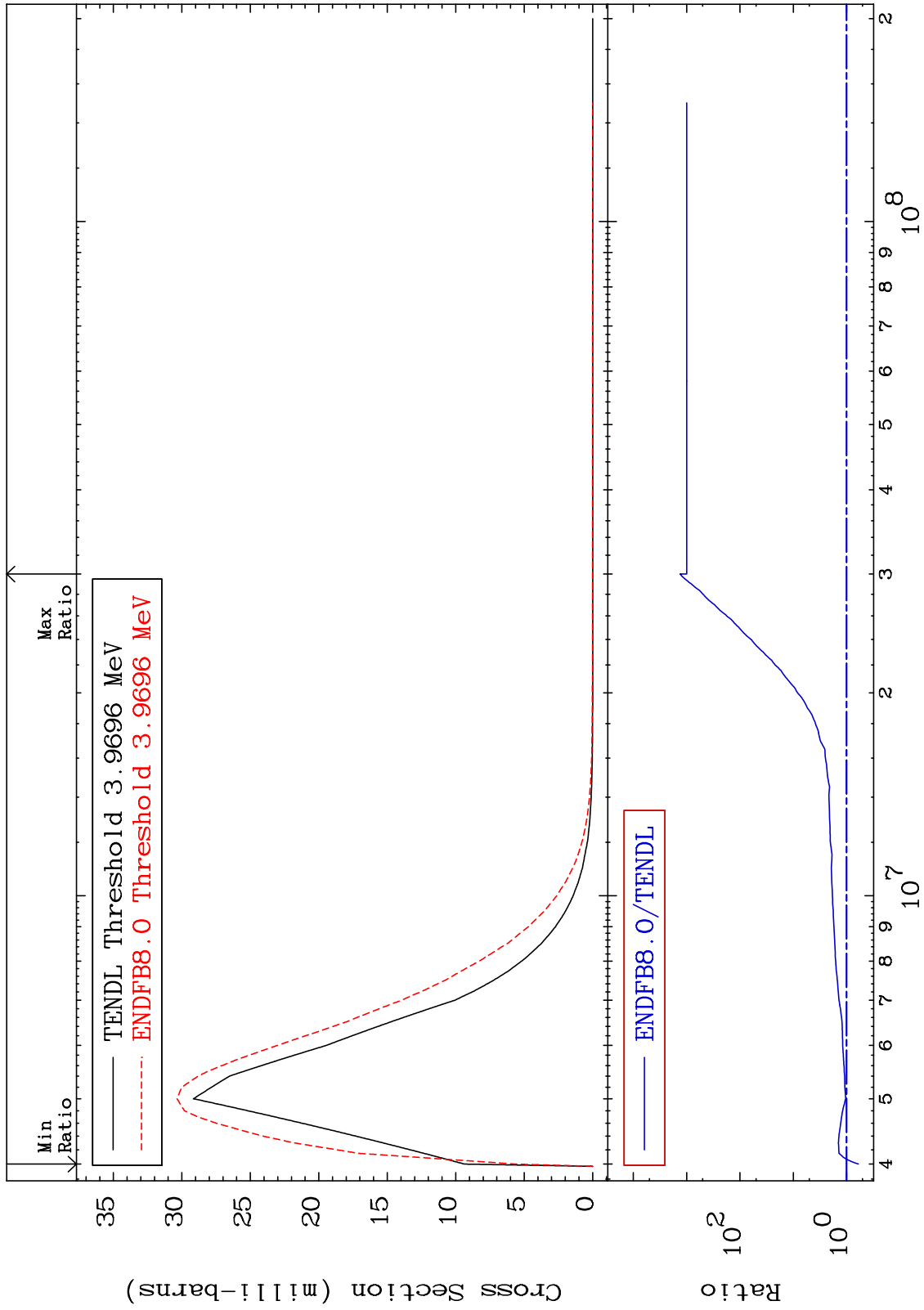
26-Fe-58
-99.99 To 75.05 %



MAT 2637

MT= 77 (n,n') Level
Cross Section

26-Fe-58
-40.04 To 9999. %



32

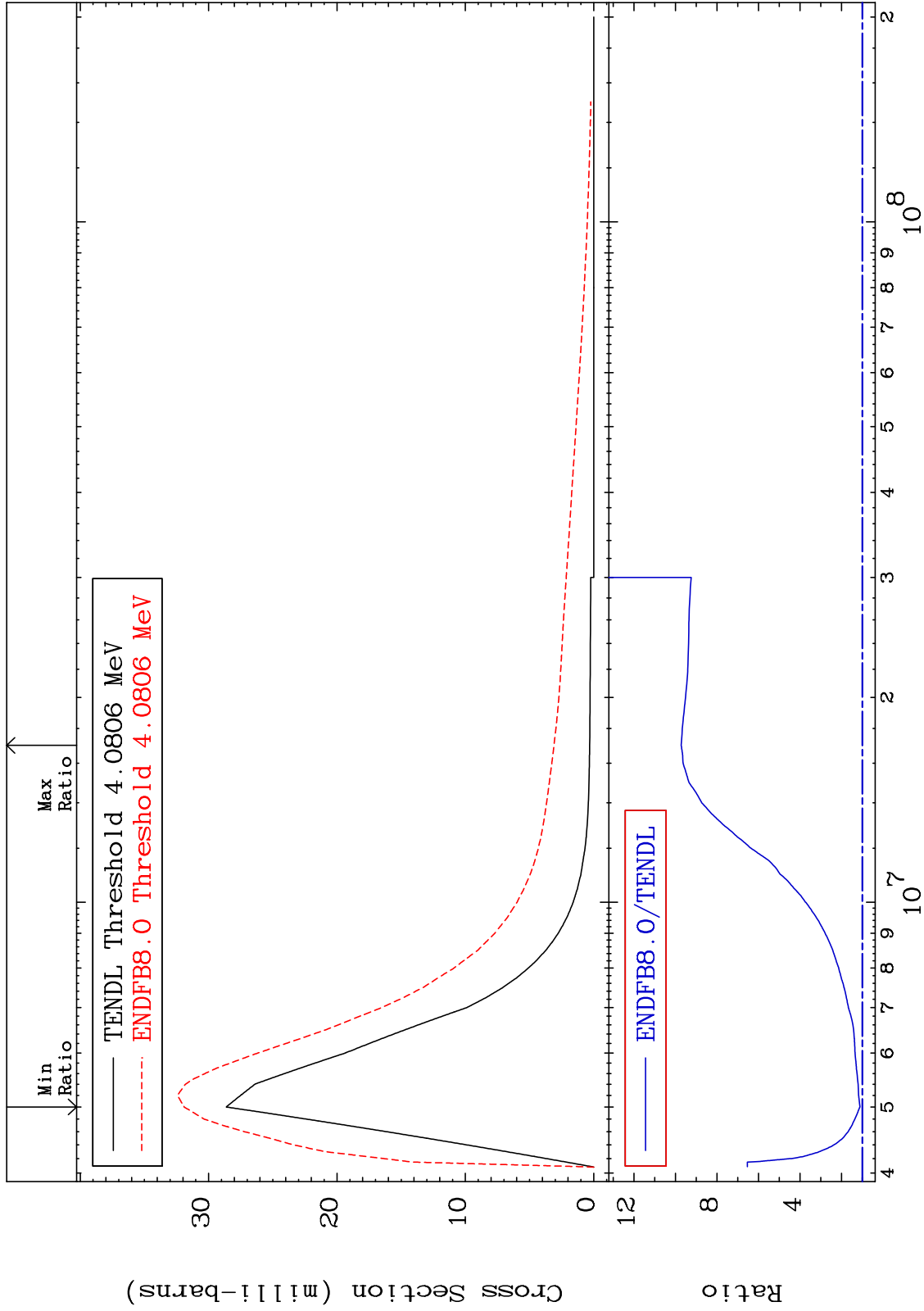
Incident Energy (eV)

26-Fe-58

MAT 2637

MT= 78 (n,n') Level
Cross Section

26-Fe-58
11.45 To 872.1 %

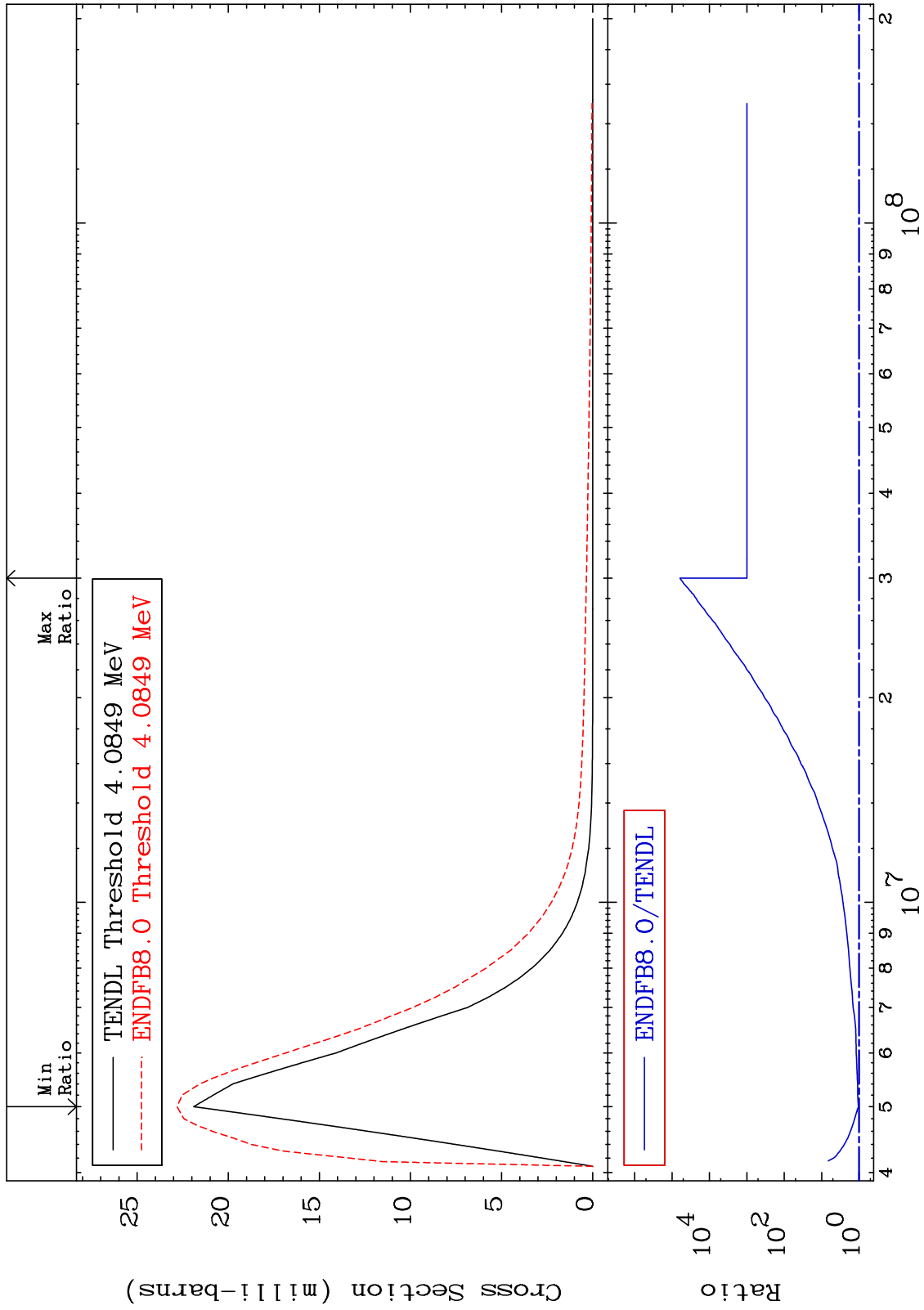


Incident Energy (eV)

26-Fe-58

33

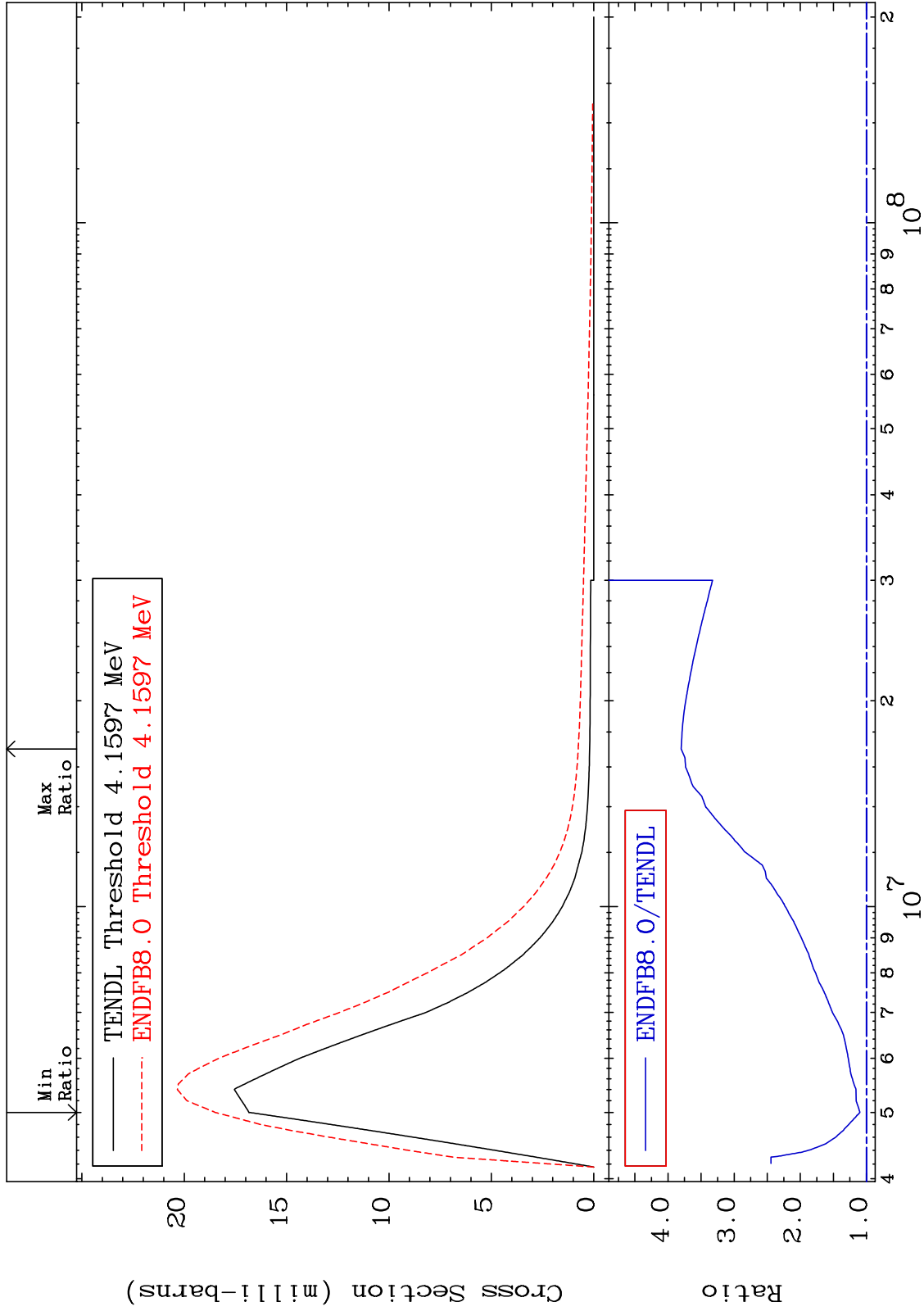
MAT 2637 MT= 79 (n,n') Level Cross Section 26-Fe-58
 4.174 To 9999. %



MAT 2637

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

26-Fe-58
9.859 To 280.0 %



35

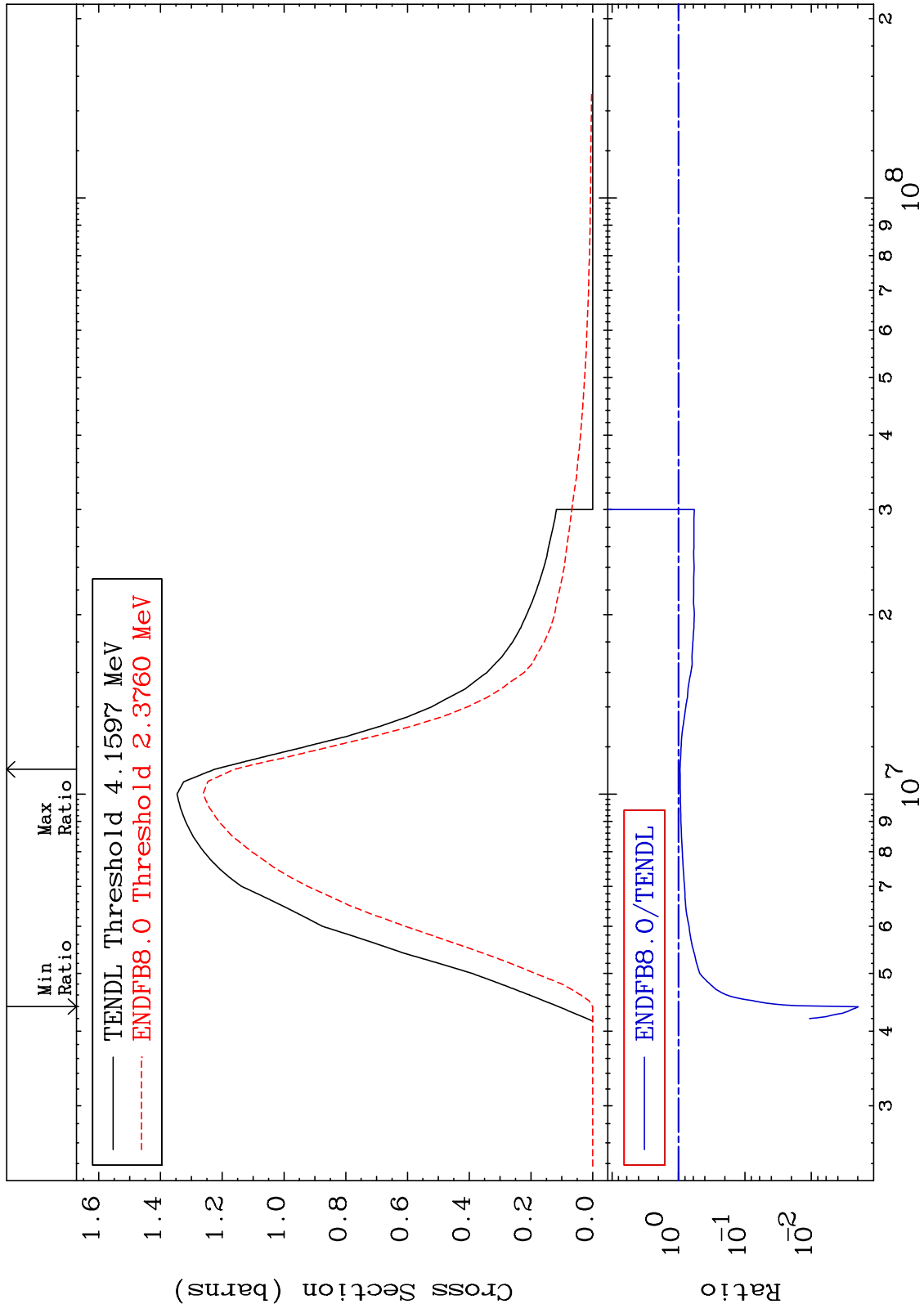
Incident Energy (eV)

26-Fe-58

MAT 2637

(n, n') Continuum
Cross Section

²⁶Fe-58
-99.80 To -5.241%



36

Incident Energy (eV)

²⁶Fe-58

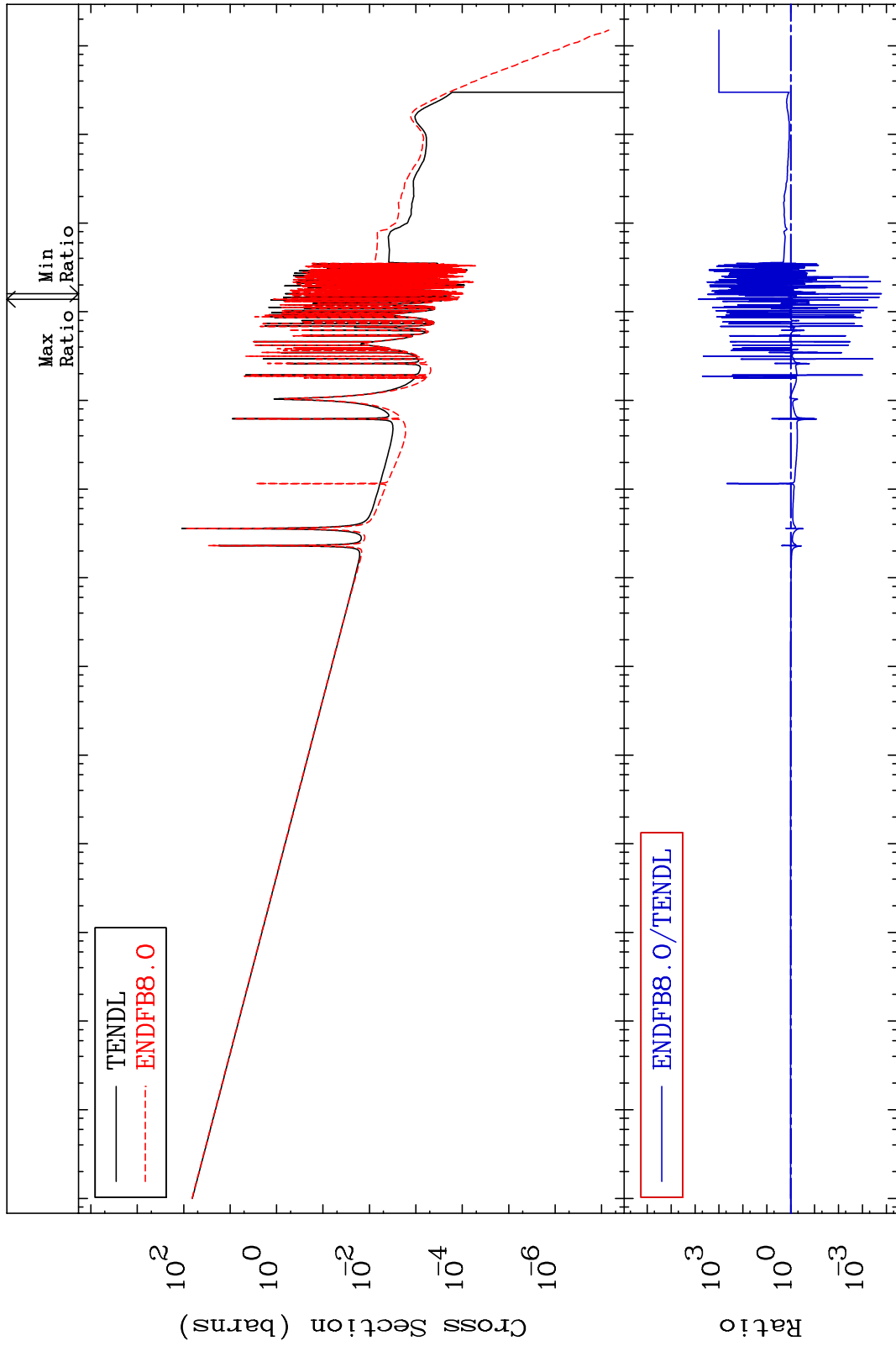
MAT 2637

(n, γ)

26-Fe-58

Cross Section

-99.98 To 9999. %



37

Incident Energy (eV)

26-Fe-58

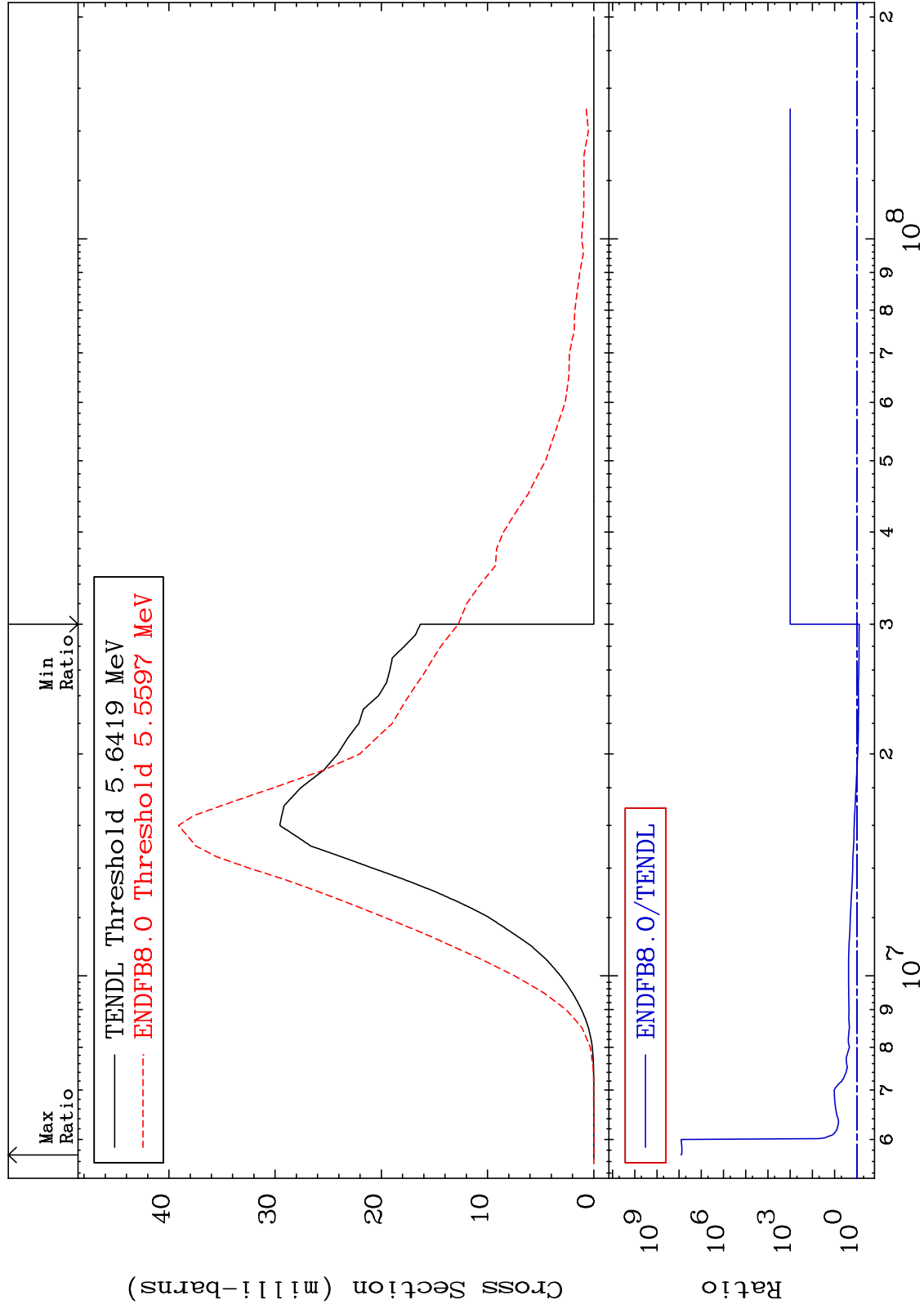
MAT 2637

(n, p)

²⁶Fe-58

Cross Section

-21.86 To 9999. %



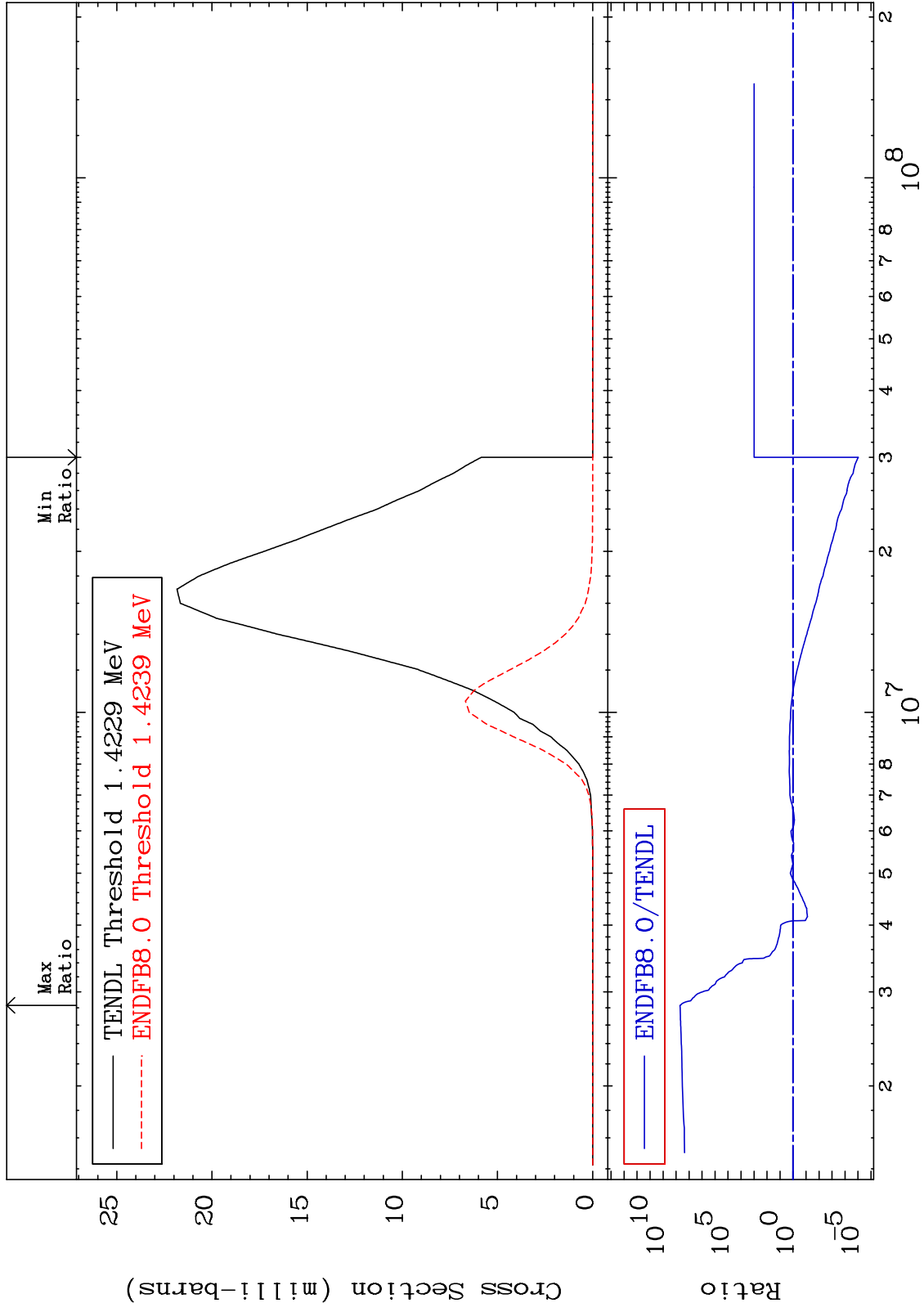
MAT 2637

(n, α)

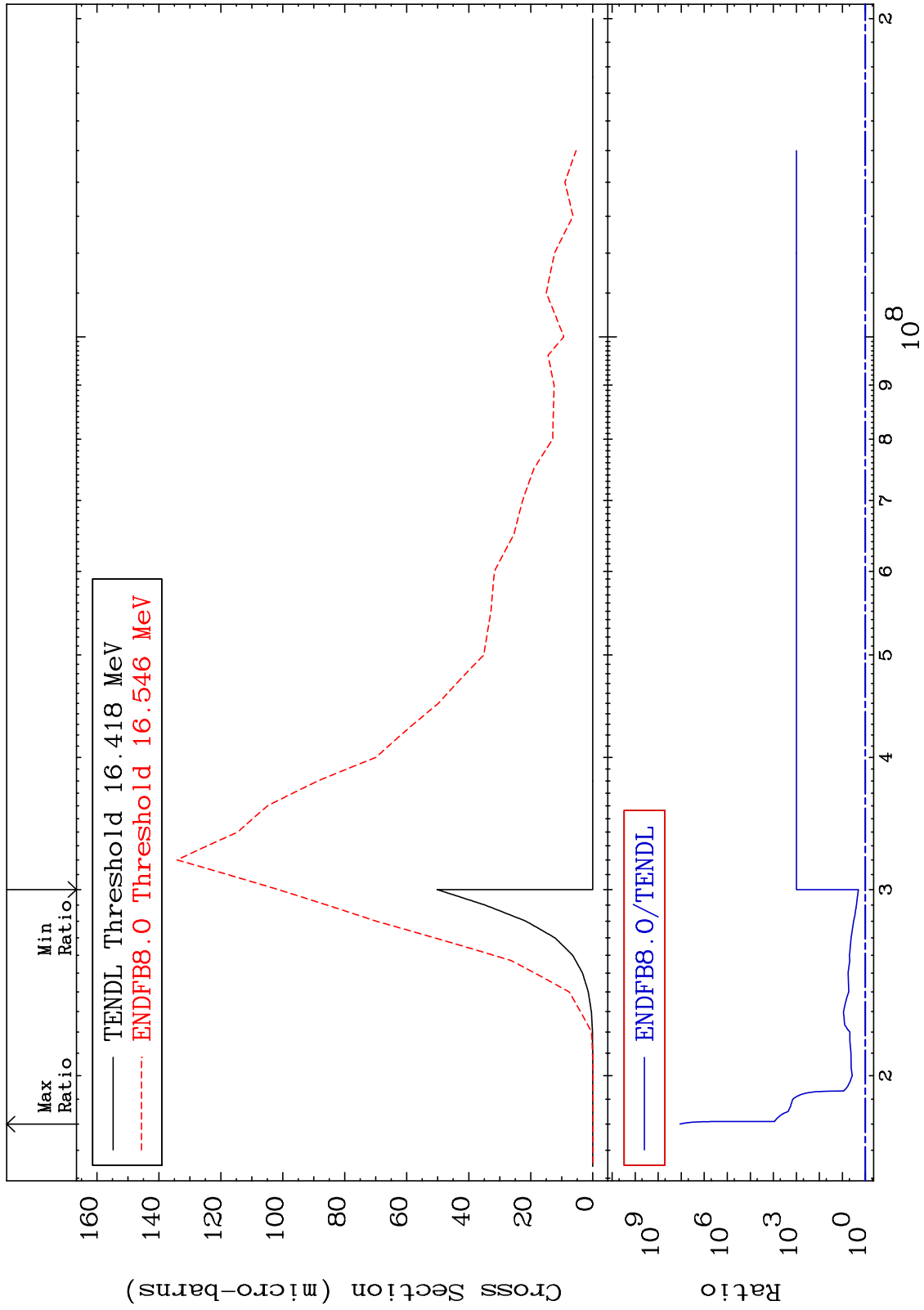
²⁶Fe-58

Cross Section

-100.0 To 9999. %



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

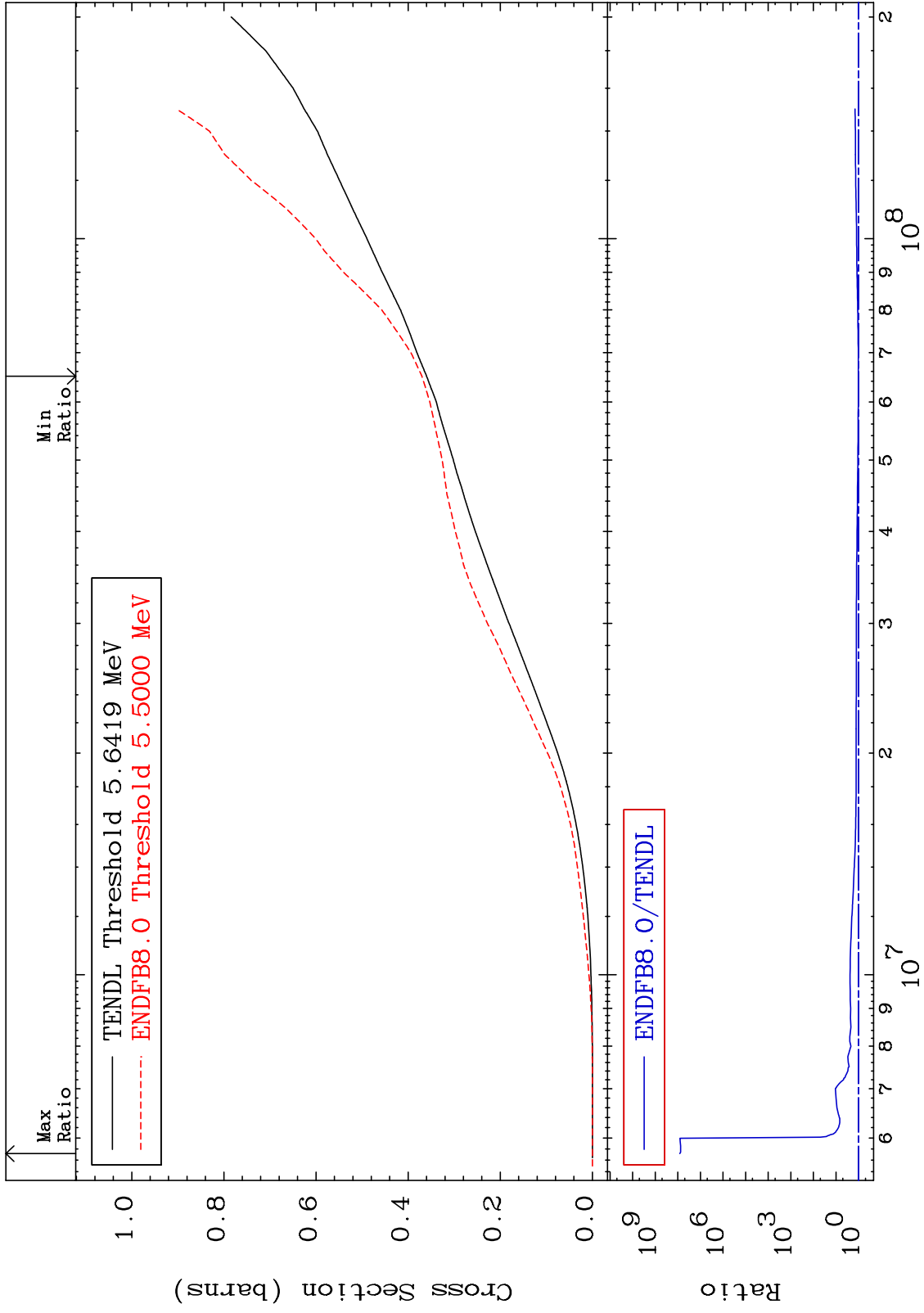


40 Incident Energy (eV) 26-Fe-58

MAT 2637

Hydrogen Production
Cross Section

26-Fe-58
2.844 To 9999. %



41

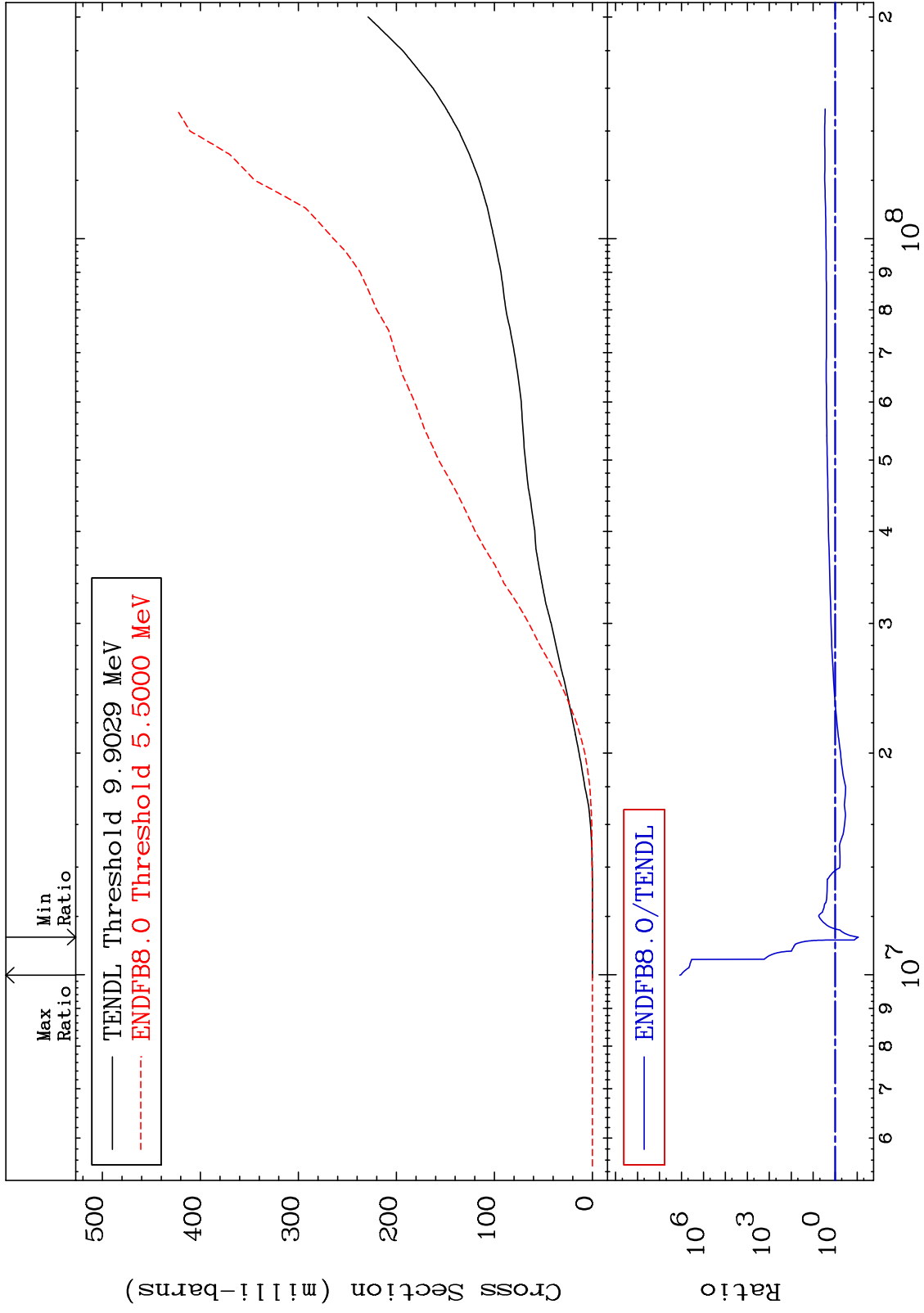
Incident Energy (eV)

26-Fe-58

MAT 2637

Deuterium Production
Cross Section

²⁶Fe-58
-91.20 To 9999. %



42

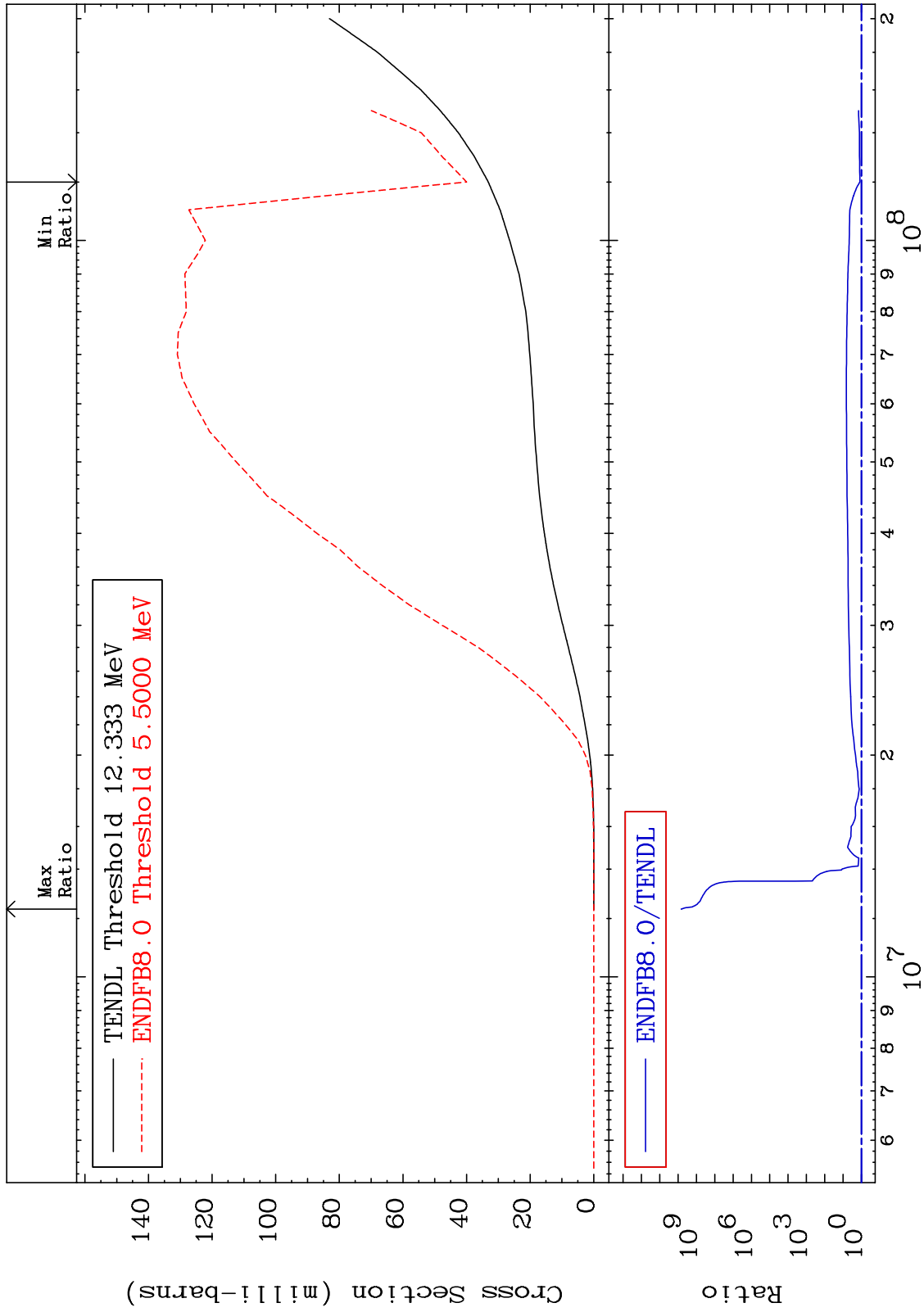
Incident Energy (eV)

²⁶Fe-58

MAT 2637

Tritium Production
Cross Section

26-Fe-58
20.60 To 9999. %



43

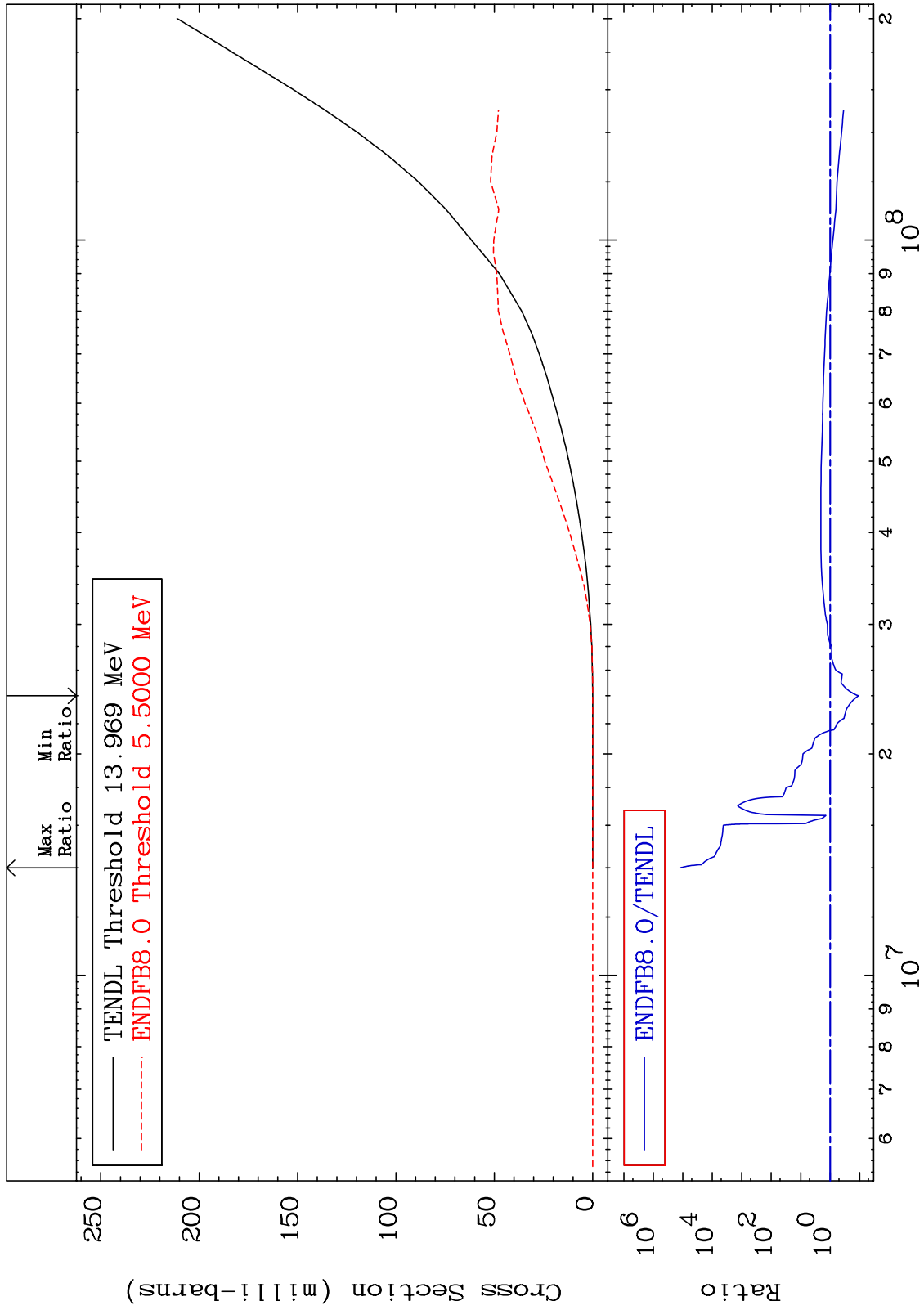
Incident Energy (eV)

26-Fe-58

MAT 2637

He-3 Production
Cross Section

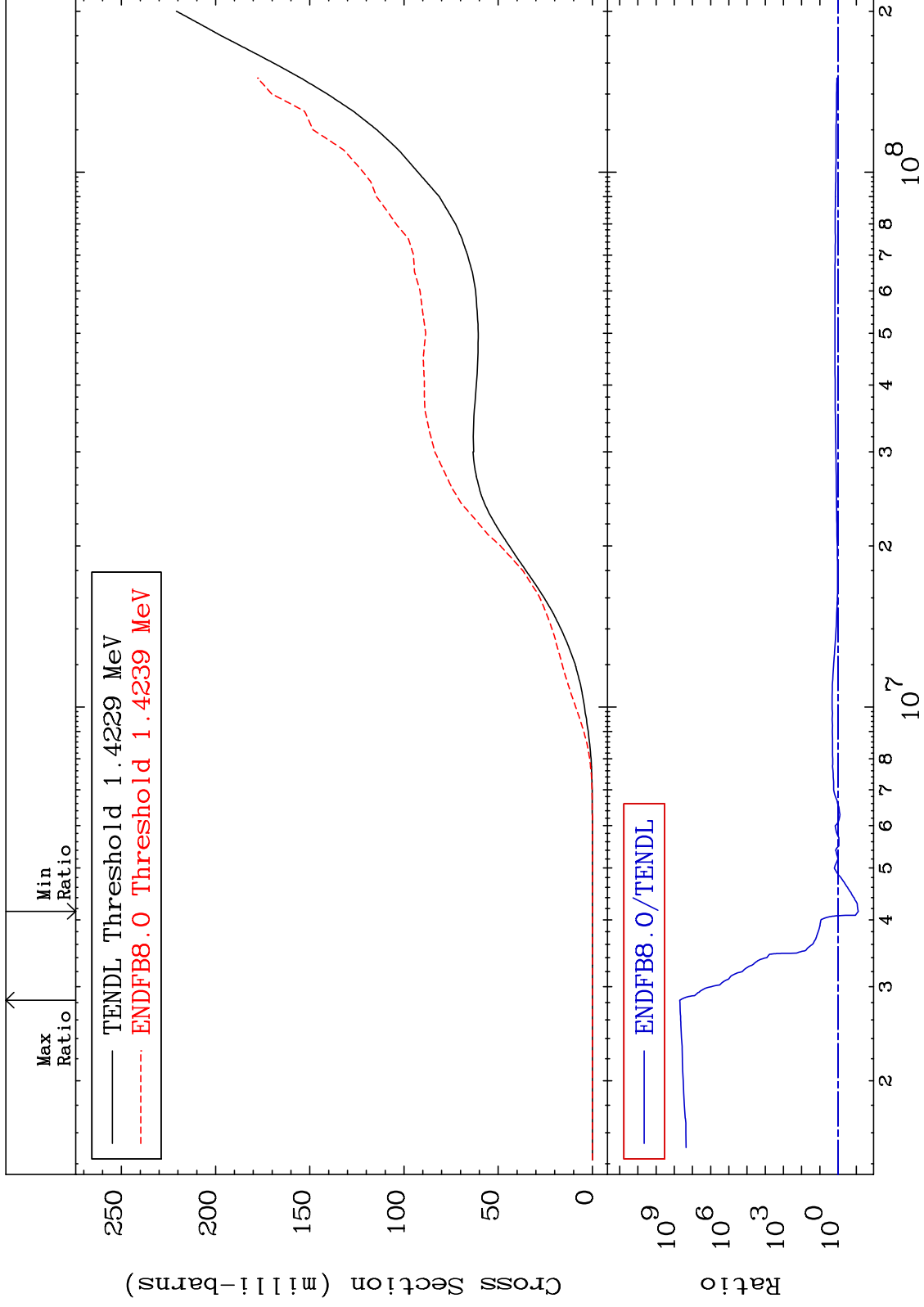
26-Fe-58
-89.03 To 9999. %



MAT 2637

He-4 Production
Cross Section

²⁶Fe-58
-92.35 To 9999. %



45

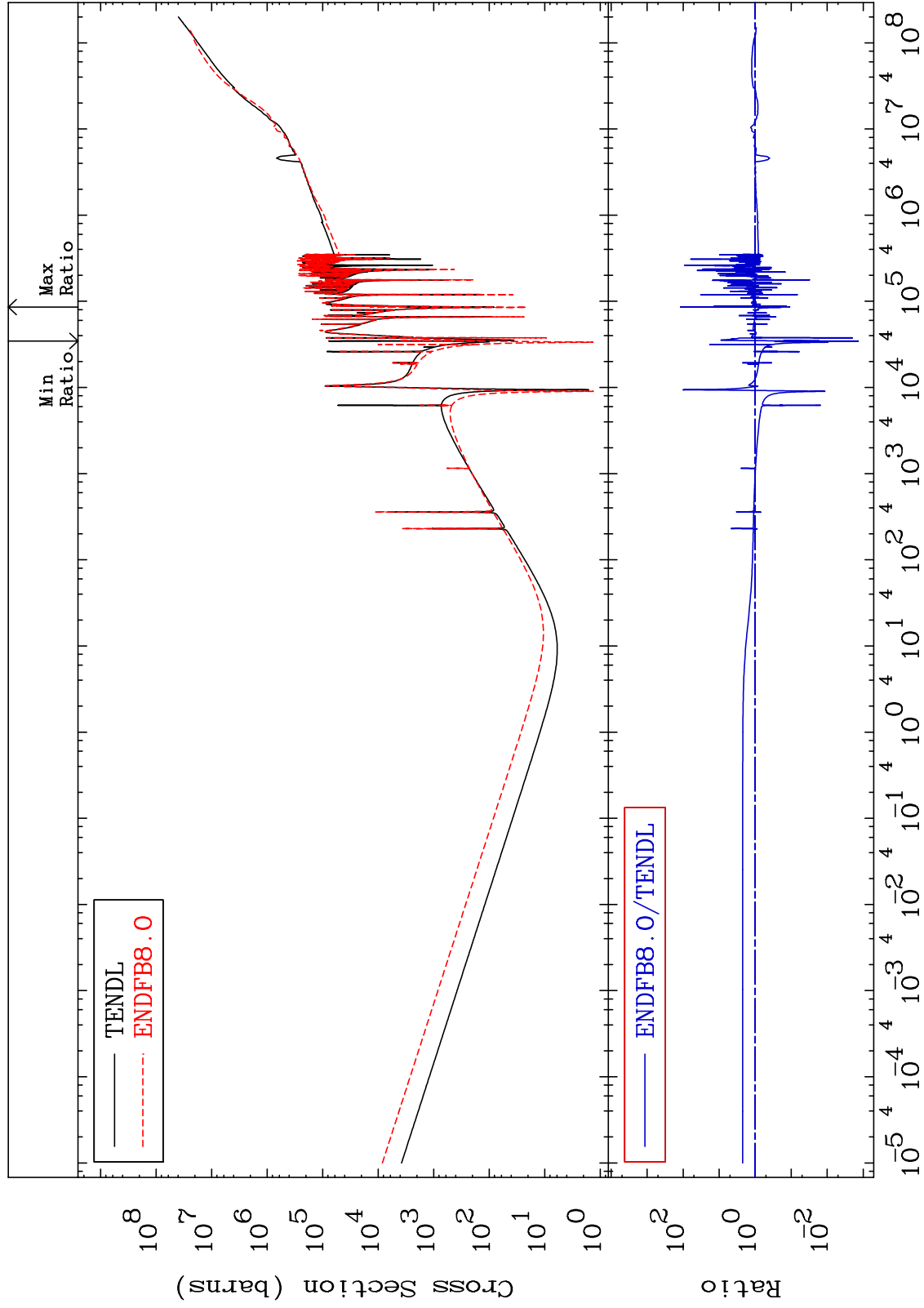
Incident Energy (eV)

²⁶Fe-58

MAT 2637

Kerma total (eV-barns)
Cross Section

26-Fe-58
-99.87 To 9999. %



46

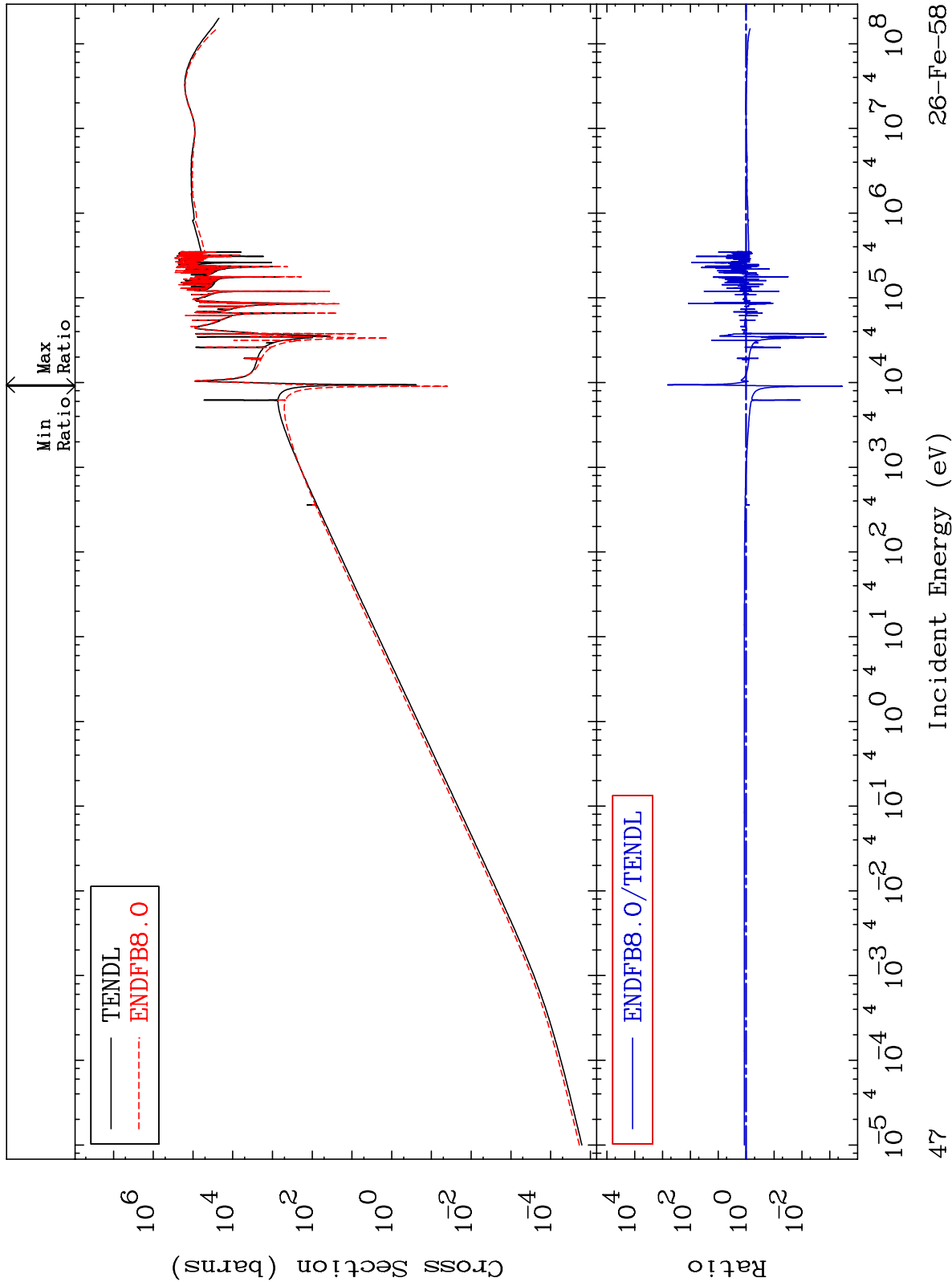
Incident Energy (eV)

26-Fe-58

MAT 2637

Kerma elastic
Cross Section

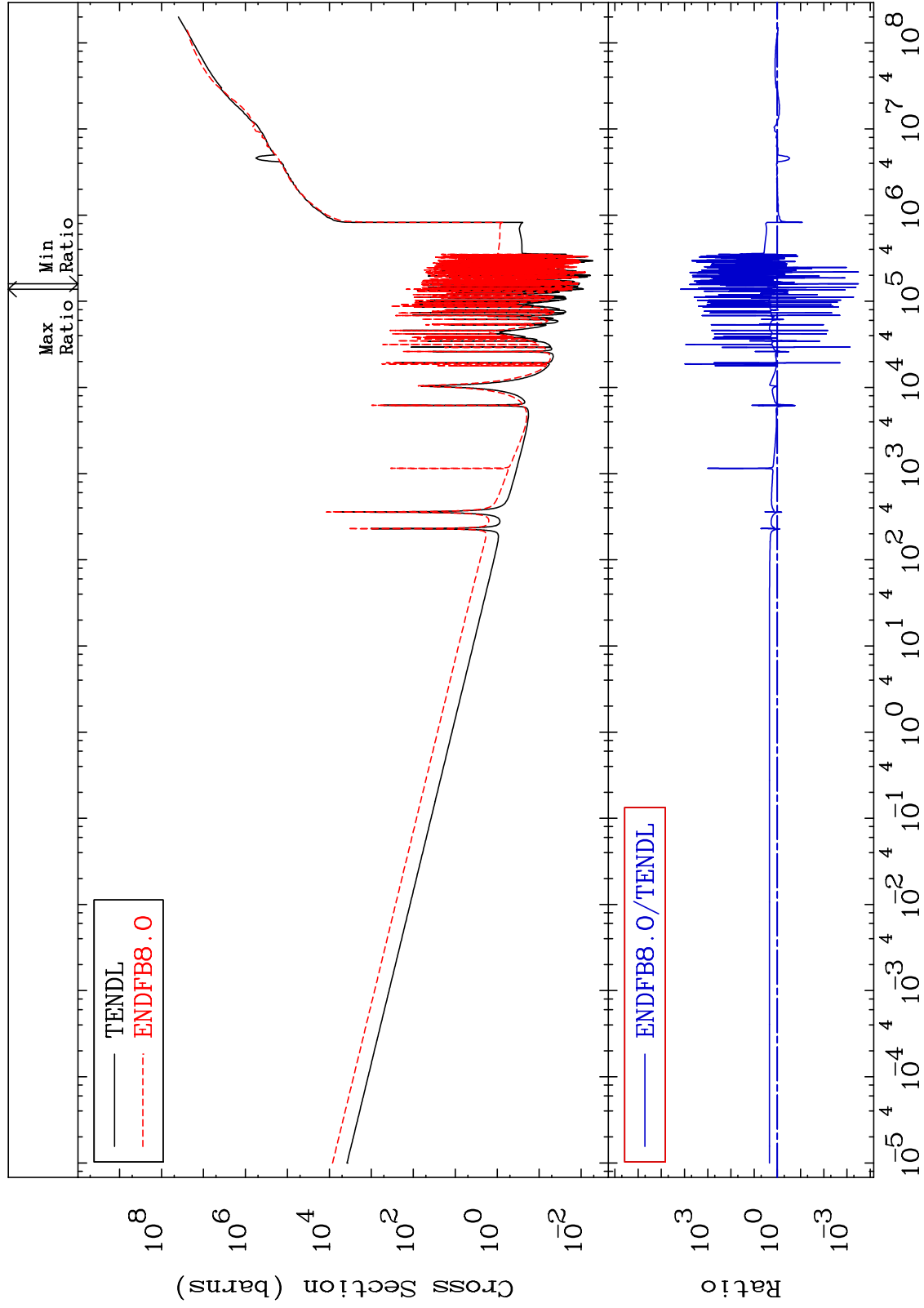
26-Fe-58
-99.97 To 9999. %



MAT 2637

Kerma non-elastic (all but mt2)
Cross Section

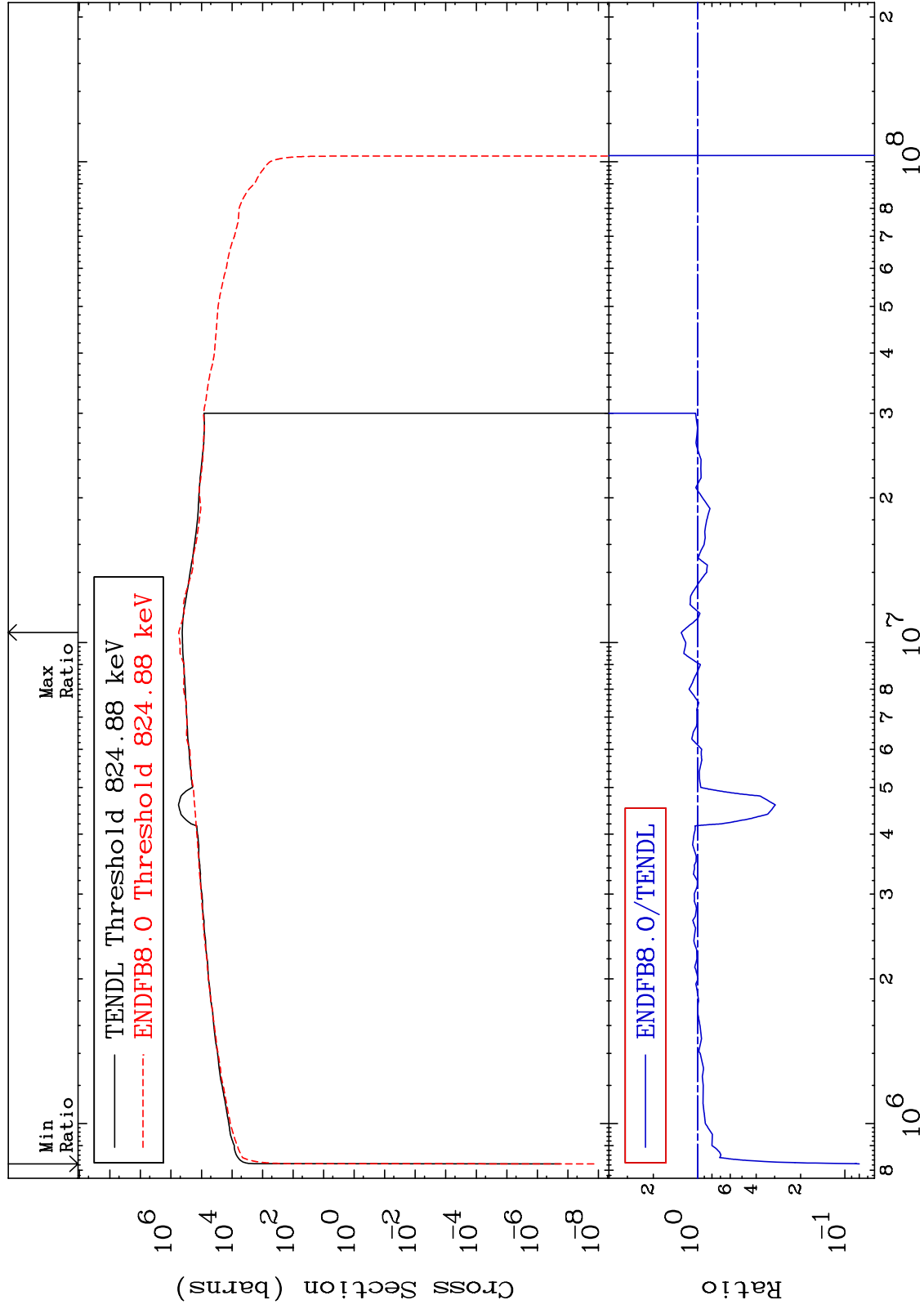
26-Fe-58
-99.97 To 9999. %



MAT 2637

Kerma inelastic (mt51-91)
Cross Section

26-Fe-58
-92.01 To 29.61 %



49

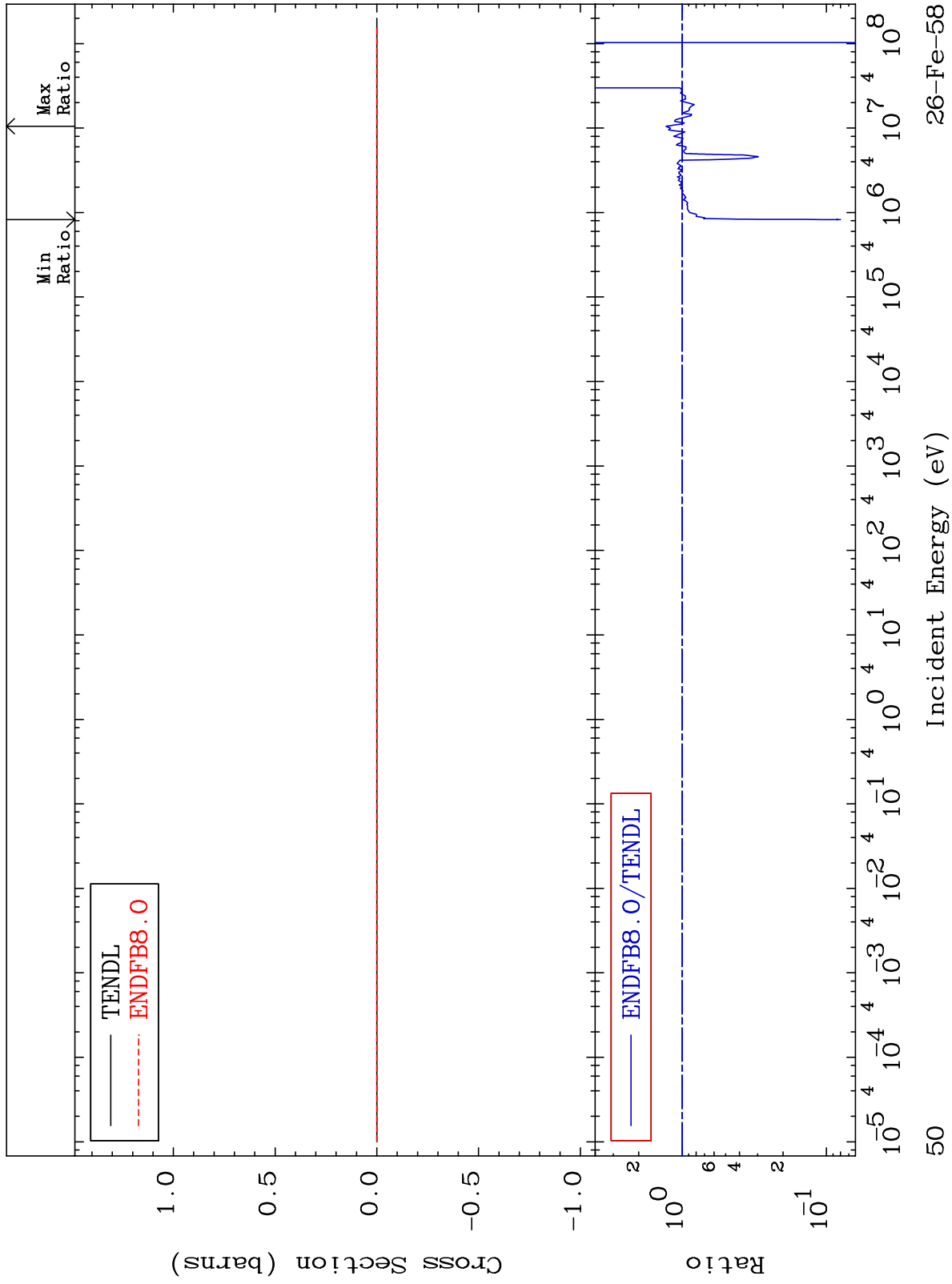
Incident Energy (eV)

26-Fe-58

MAT 2637

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

26-Fe-58
-92.01 To 29.61 %



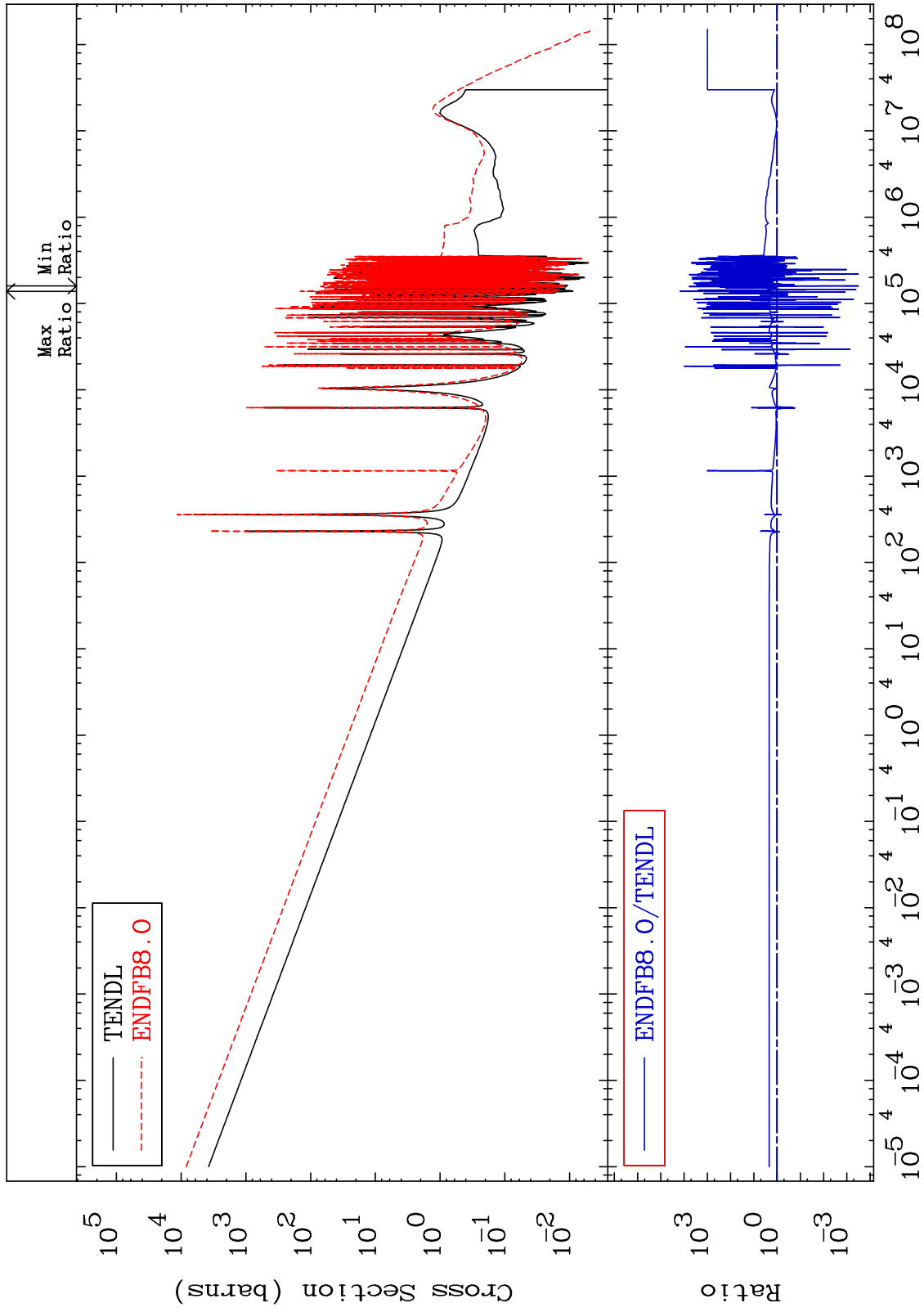
50

26-Fe-58

MAT 2637

Kerma capture (mt102)
Cross Section

26-Fe-58
-99.97 To 9999. %



51

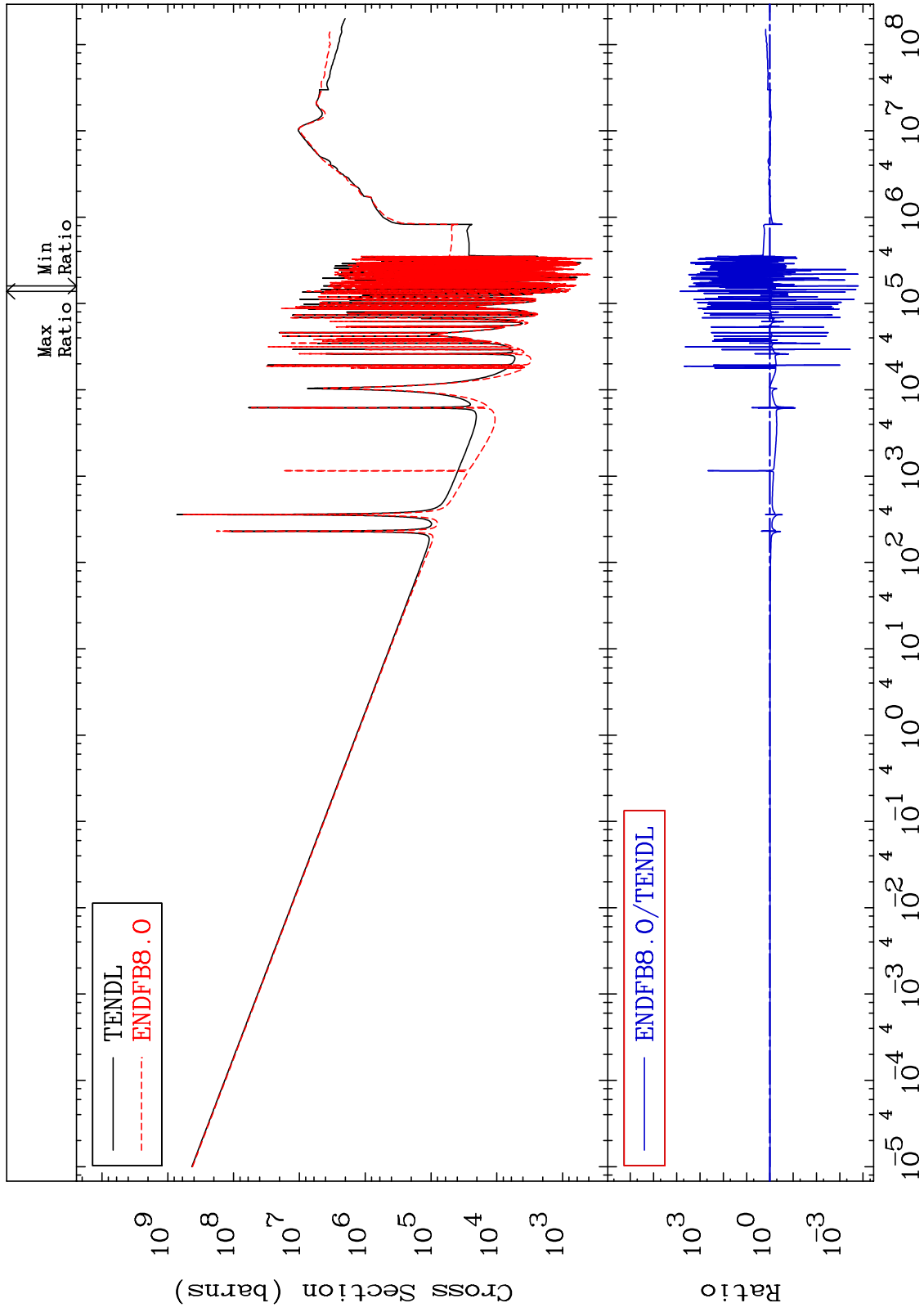
Incident Energy (eV)

26-Fe-58

MAT 2637

Total photon (eV-barns)
Cross Section

26-Fe-58
-99.98 To 9999. %



52

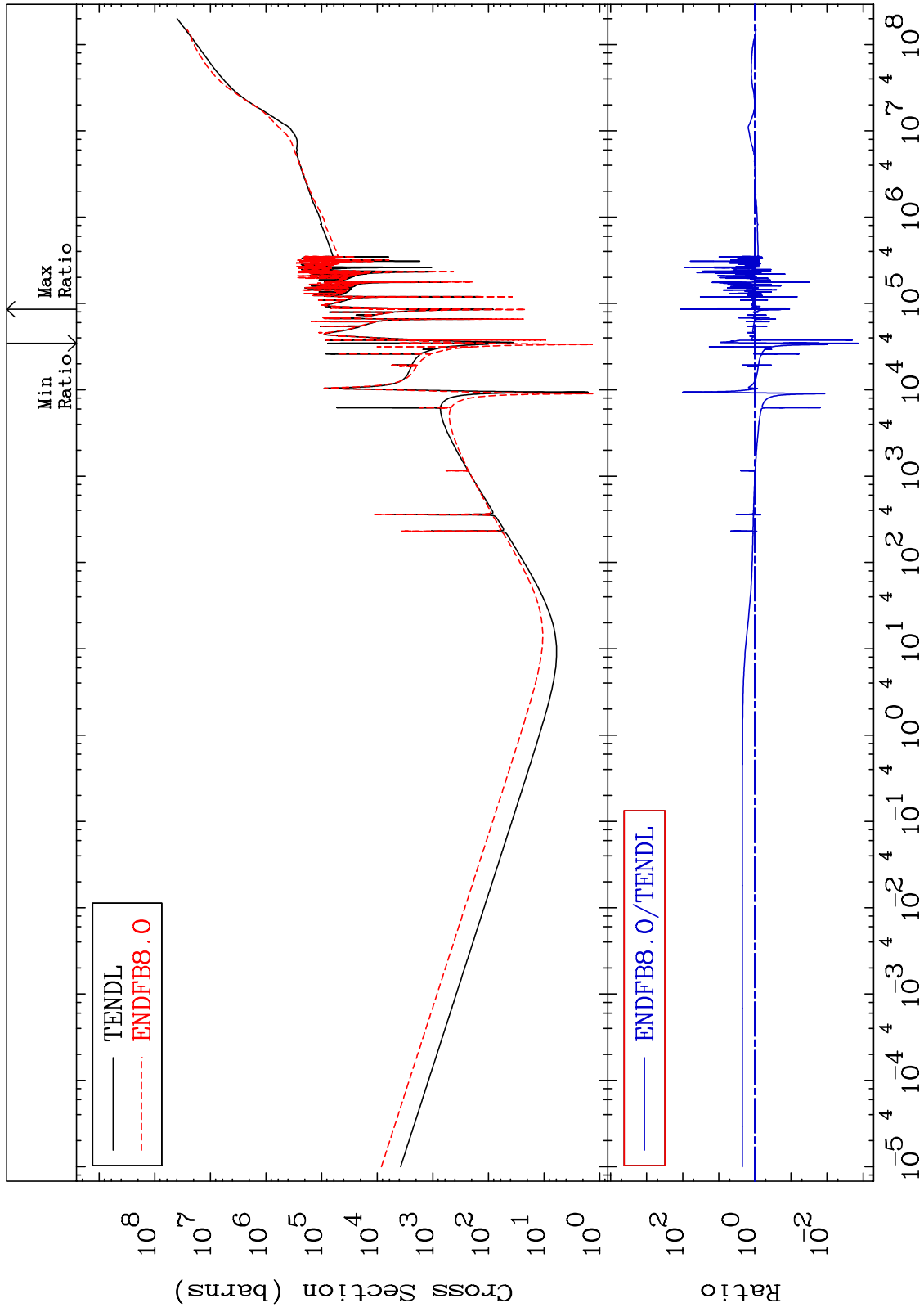
Incident Energy (eV)

26-Fe-58

MAT 2637

Total kinematic kerma (high limit)
Cross Section

26-Fe-58
-99.87 To 9999. %



53

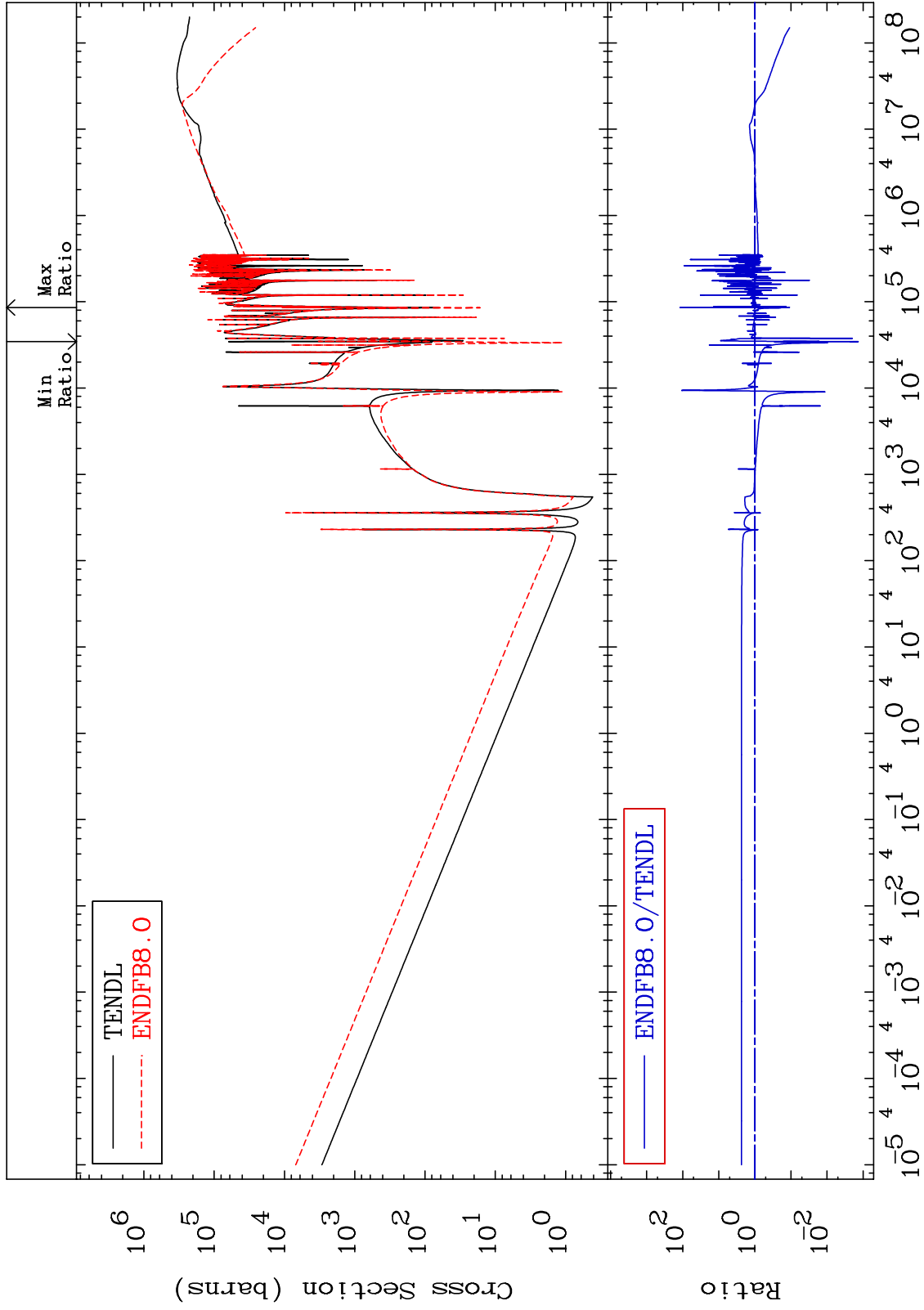
Incident Energy (eV)

26-Fe-58

MAT 2637

Dpa total (eV-barns)
Cross Section

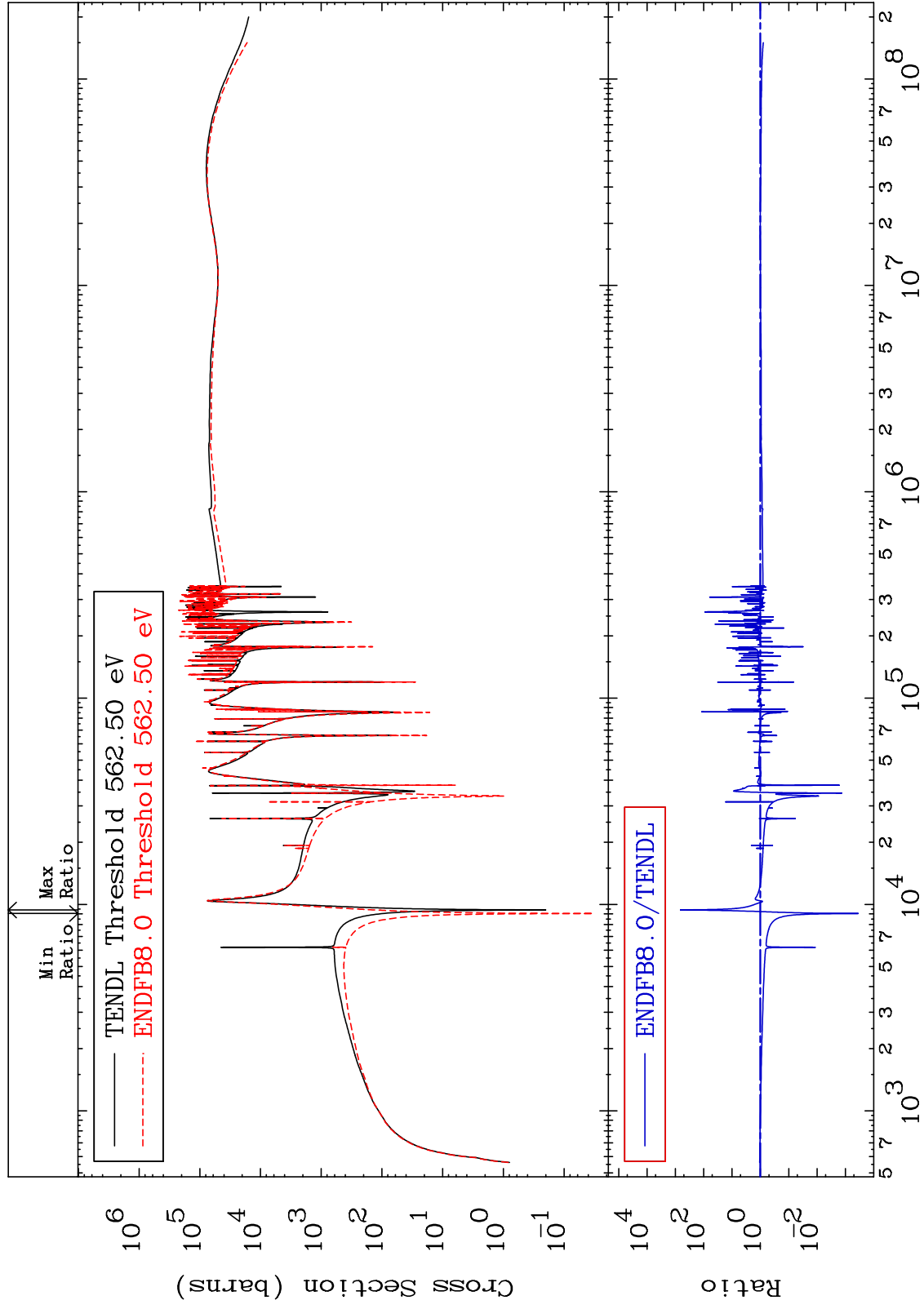
26-Fe-58
-99.87 To 9999. %



MAT 2637

Dpa elastic (mt2)
Cross Section

26-Fe-58
-99.97 To 9999. %



55

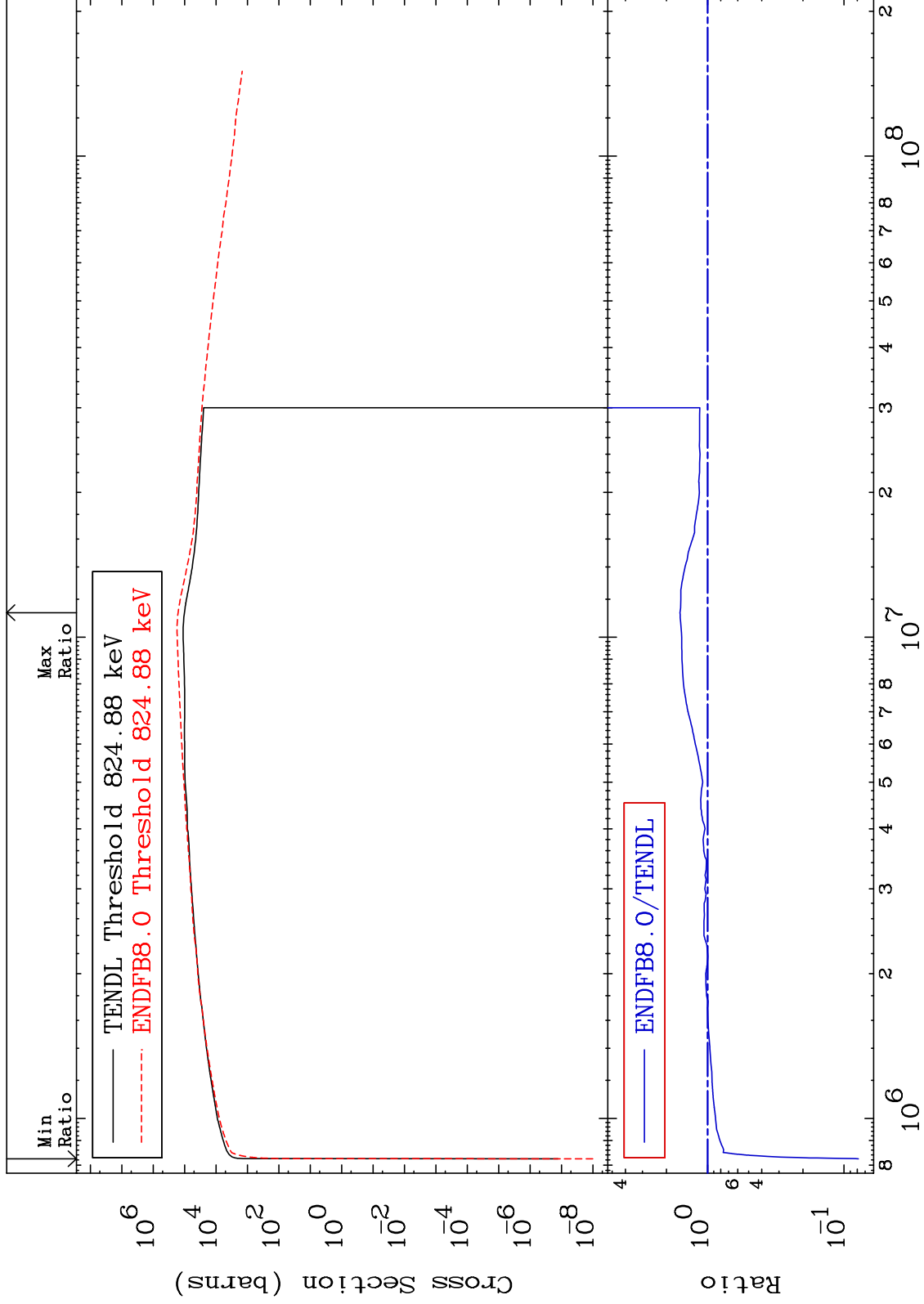
Incident Energy (eV)

26-Fe-58

MAT 2637

Dpa inelastic (mt51-91)
Cross Section

²⁶Fe-58
-92.16 To 59.19 %



56

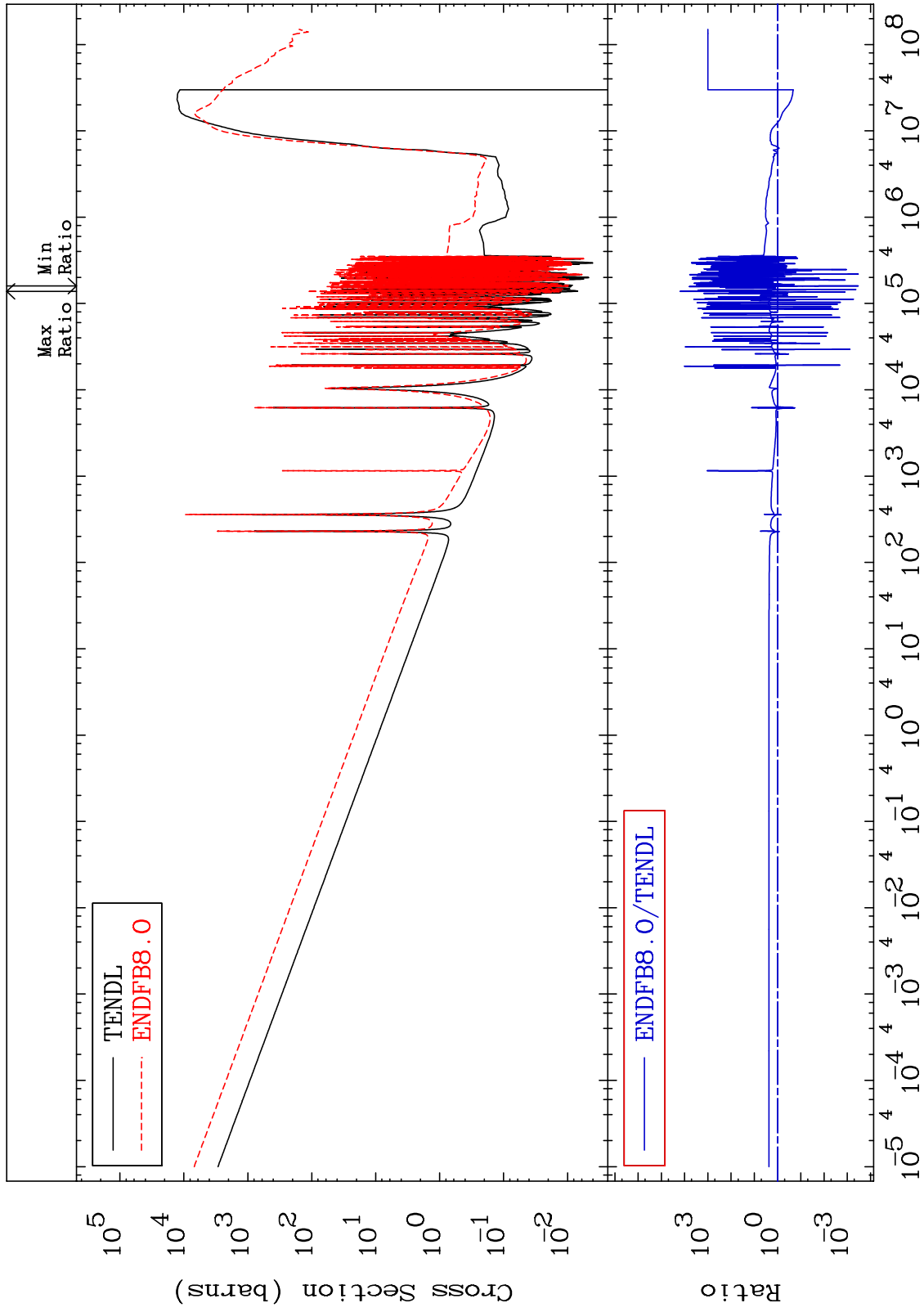
Incident Energy (eV)

²⁶Fe-58

MAT 2637

Dpa disappearance (mt102 -120)
Cross Section

26-Fe-58
-99.97 To 9999. %



57

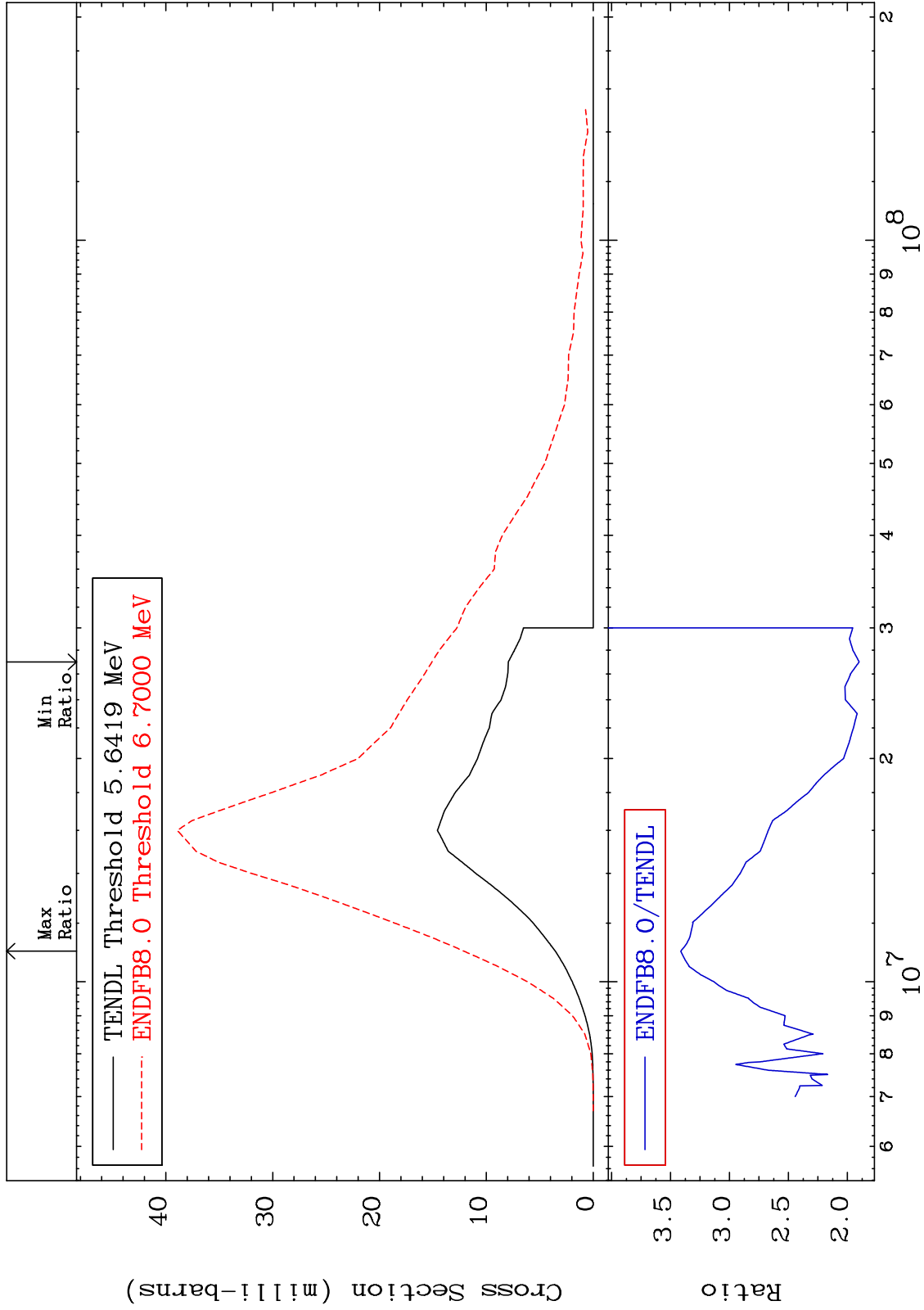
26-Fe-58

MAT 2637

(n, p) : 25-Mn-58g

26-Fe-58

Radionuclide Production Cross Section 90.01 To 241.4 %



58

Incident Energy (eV)

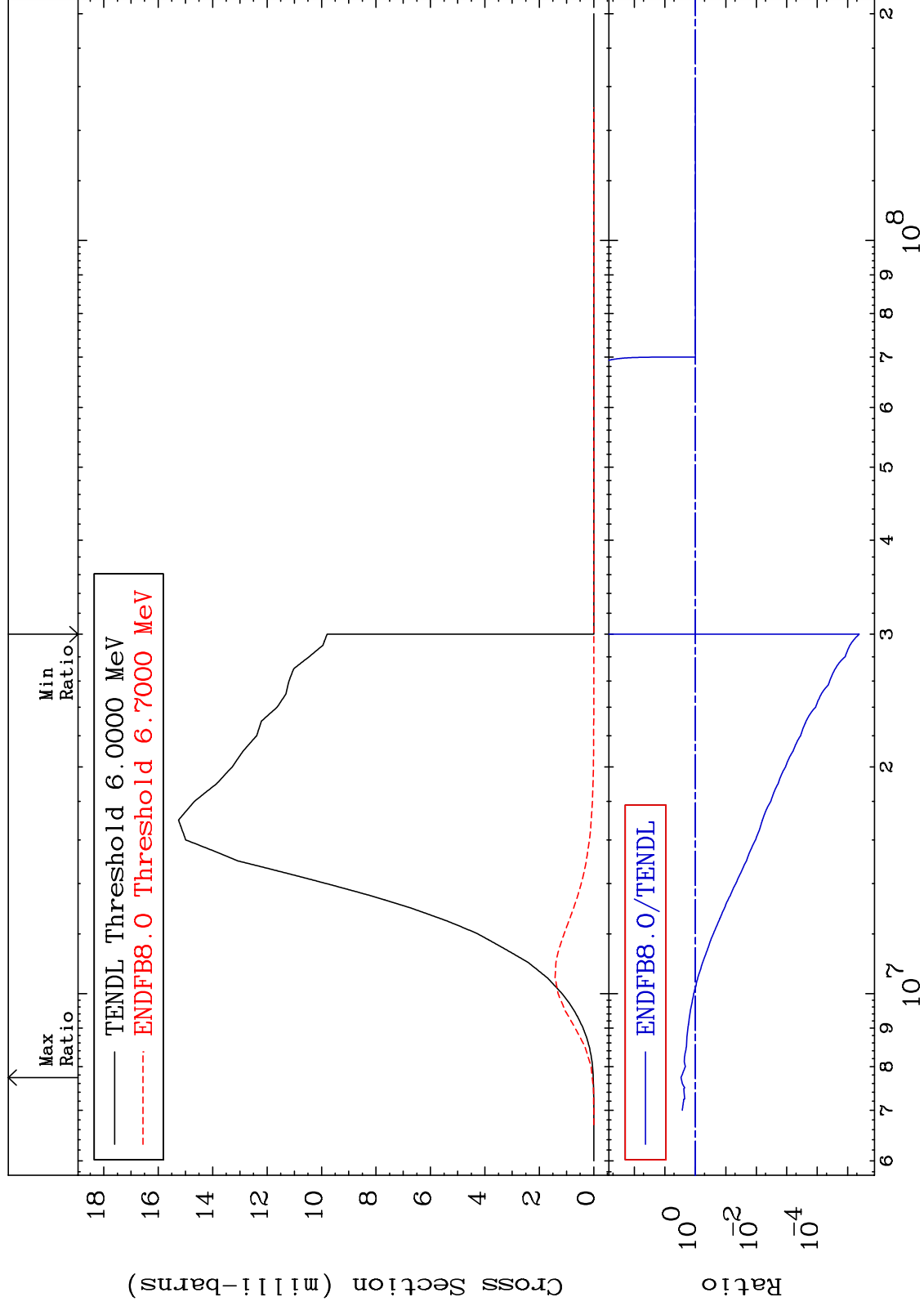
26-Fe-58

MAT 2637

(n, p):25-Mn-58m1

26-Fe-58

Radionuclide Production Cross Section -100.0 To 193.2 %



59

Incident Energy (eV)

26-Fe-58