

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

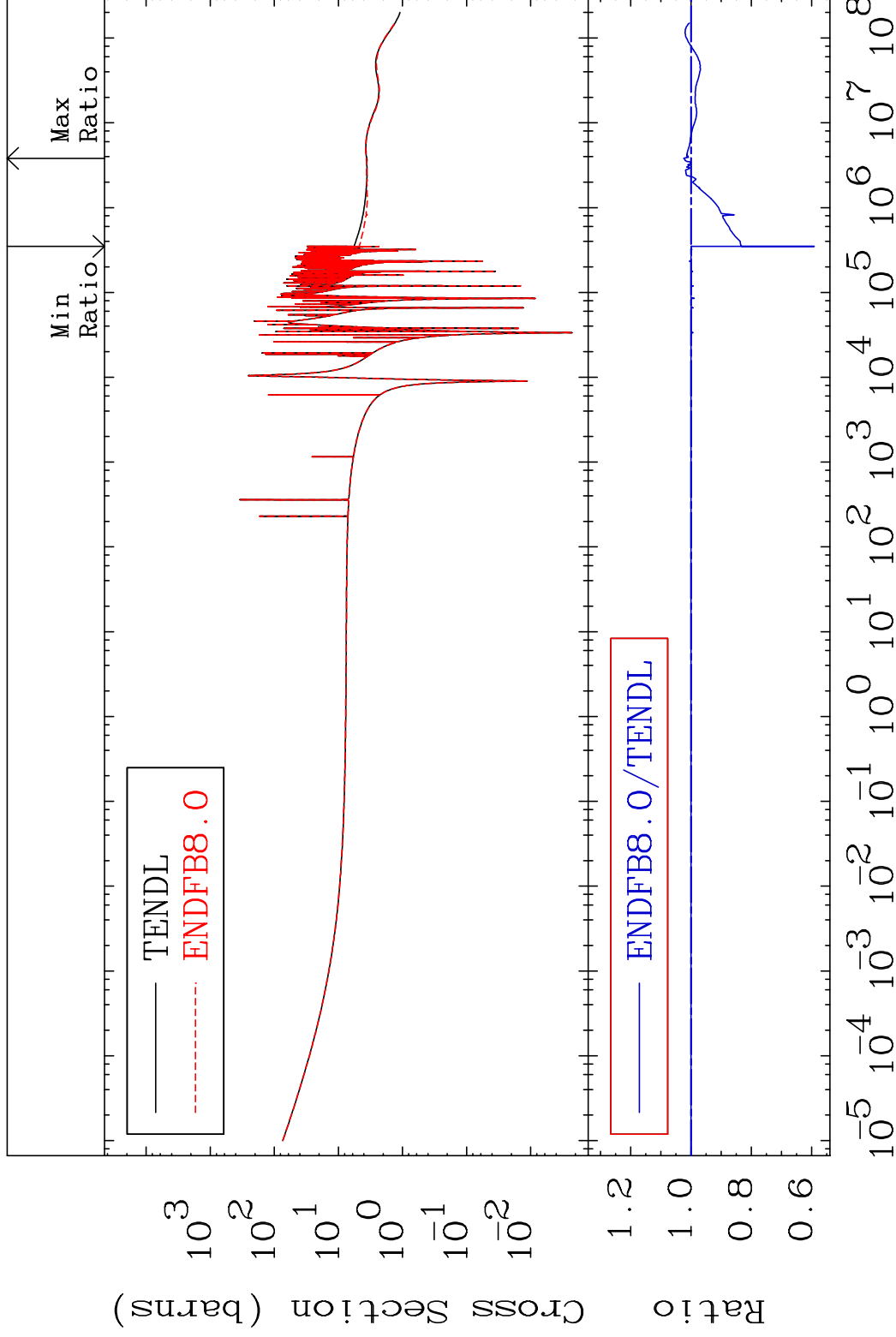
MAT 2637

Total

26-Fe-58

Cross Section

-40.79 To 2.455 %



1

Incident Energy (eV)

26-Fe-58

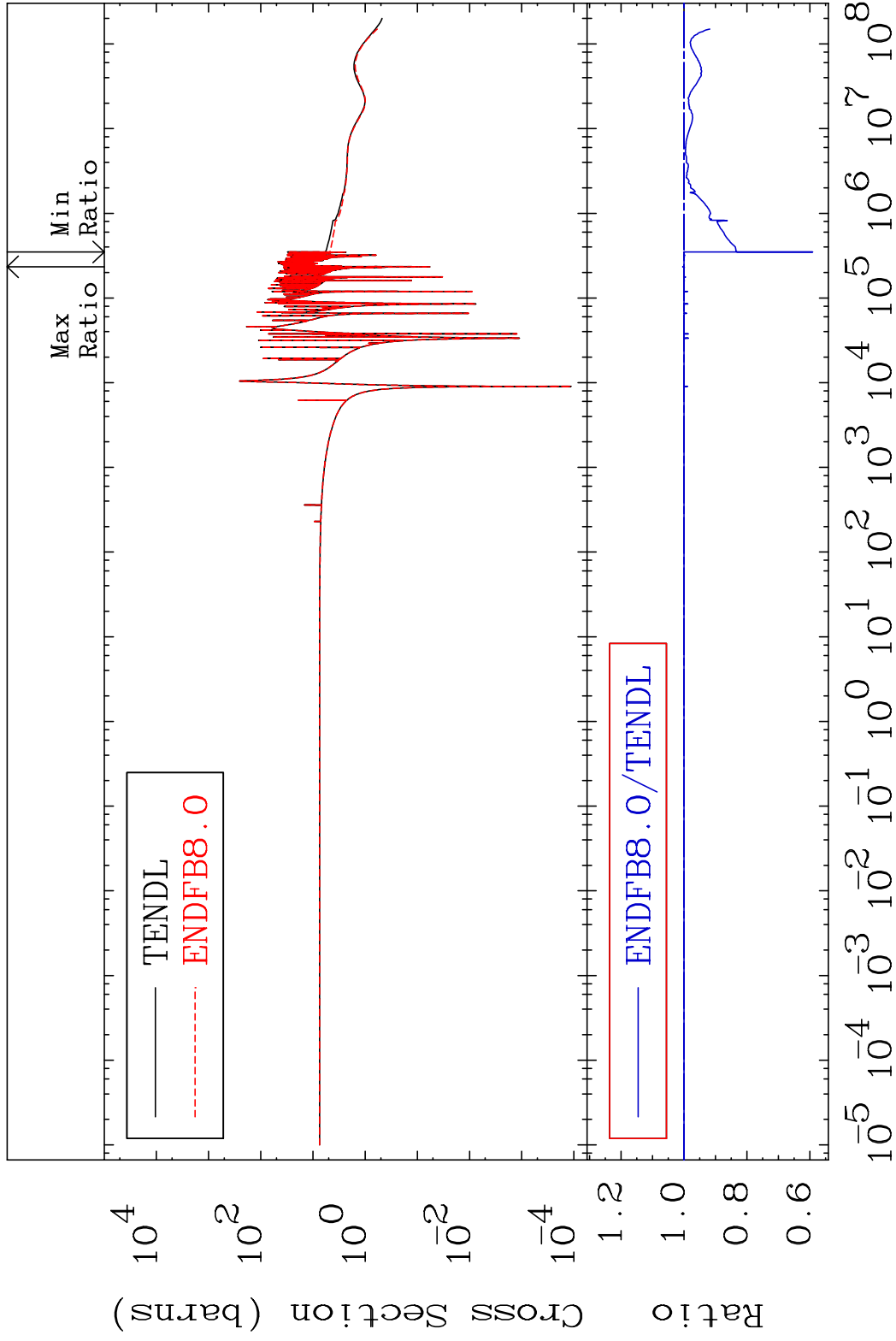
MAT 2637

Elastic

²⁶Fe-58

Cross Section

-40.88 To 0.514 %



2

Incident Energy (eV)

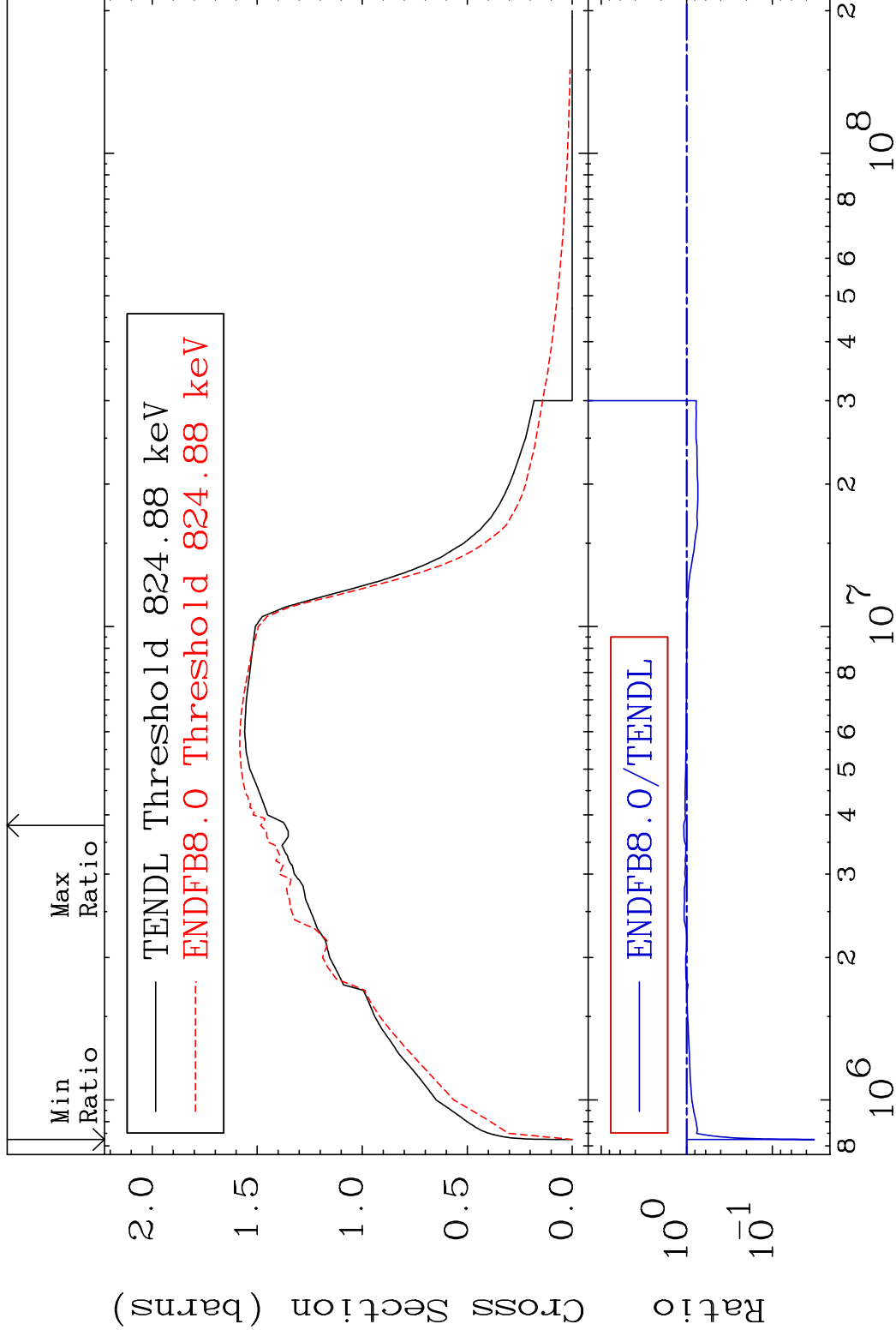
²⁶Fe-58

MAT 2637

Inelastic

²⁶Fe-58

Cross Section -96.76 To 8.568 %



3

Incident Energy (eV)

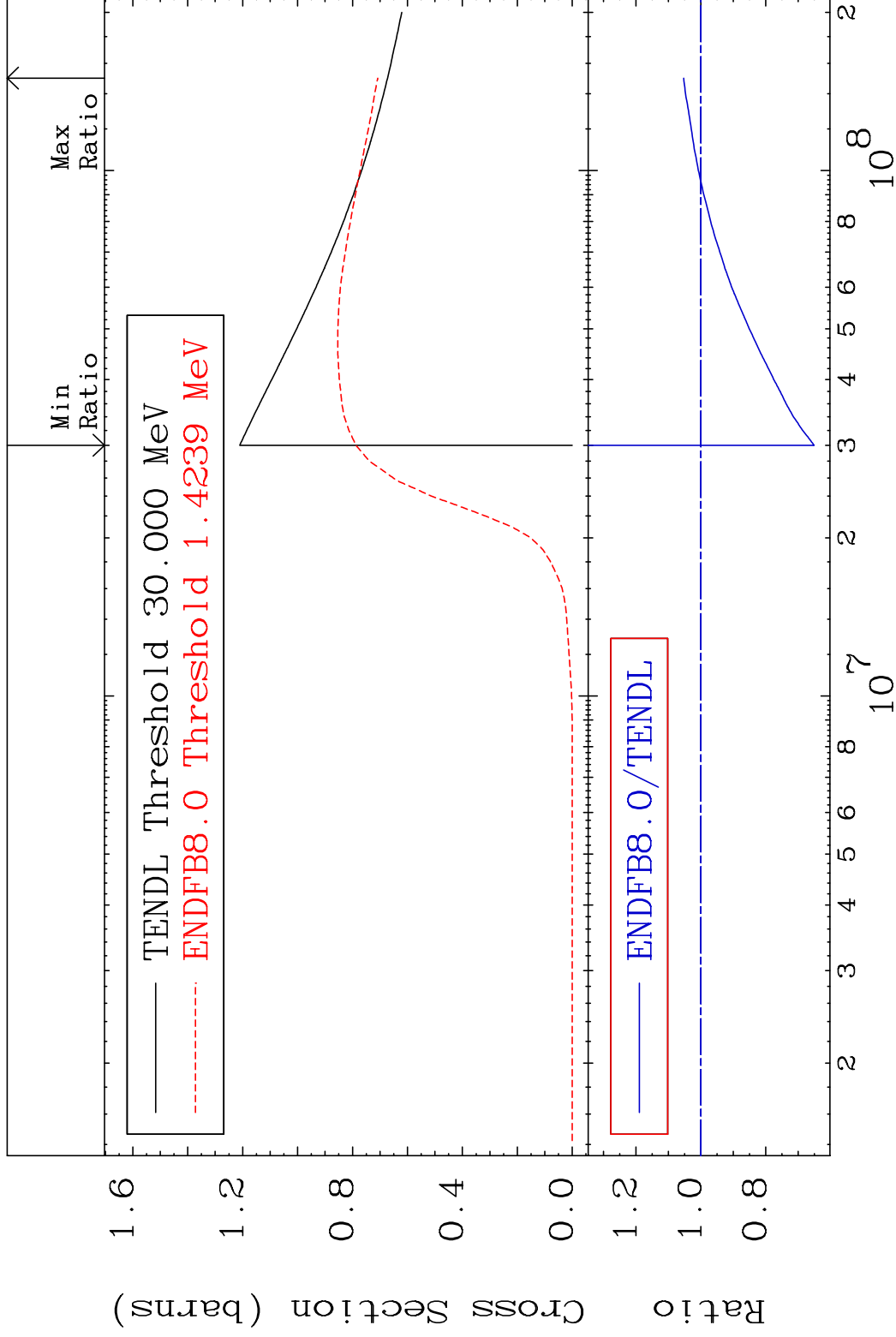
²⁶Fe-58

MAT 2637

(n, remainder)

26-Fe-58

Cross Section -34.92 To 5.300 %



4

Incident Energy (eV)

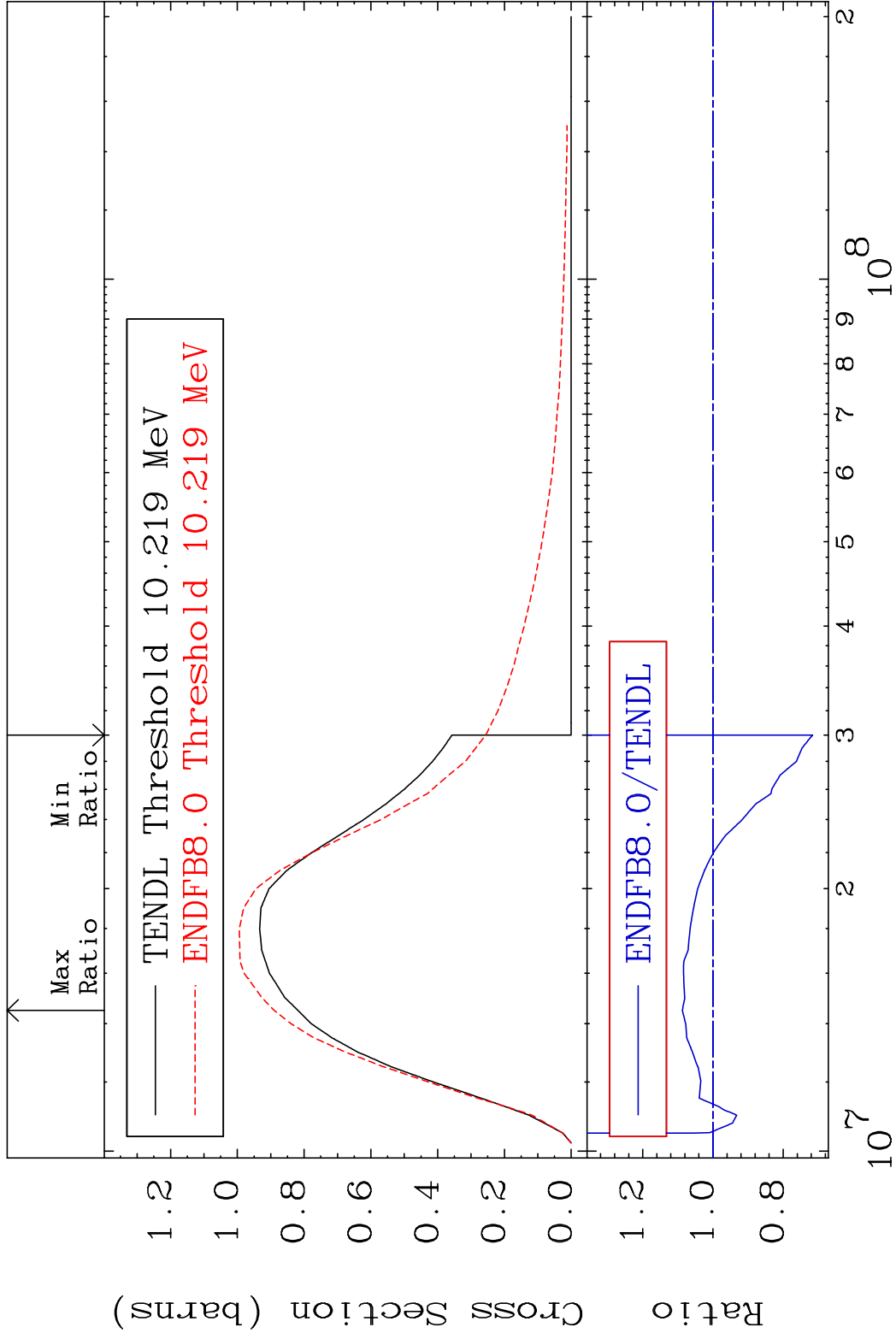
26-Fe-58

MAT 2637

(n,2n)

²⁶Fe-58

Cross Section -28.37 To 8.717 %

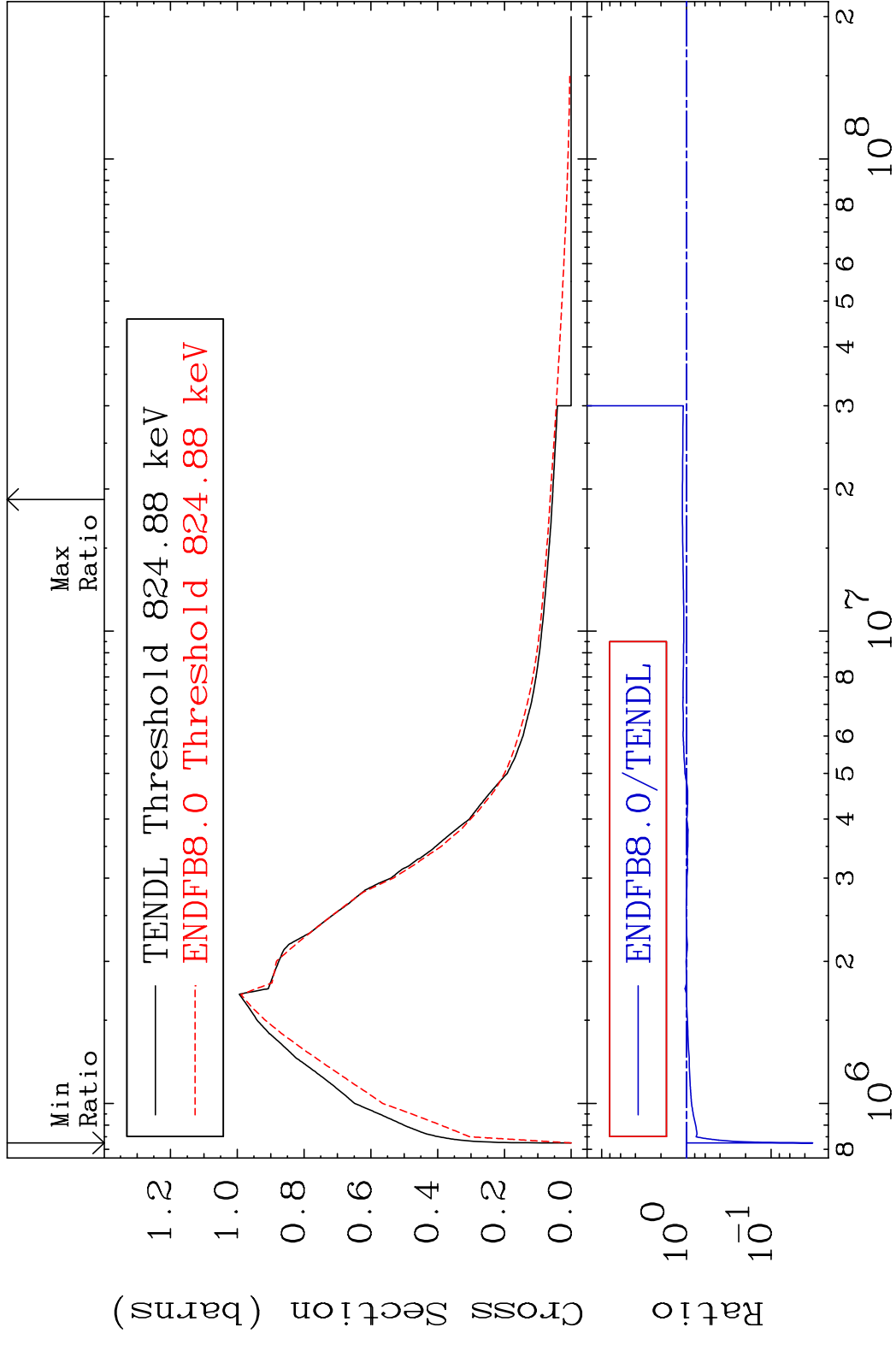


5

Incident Energy (eV)

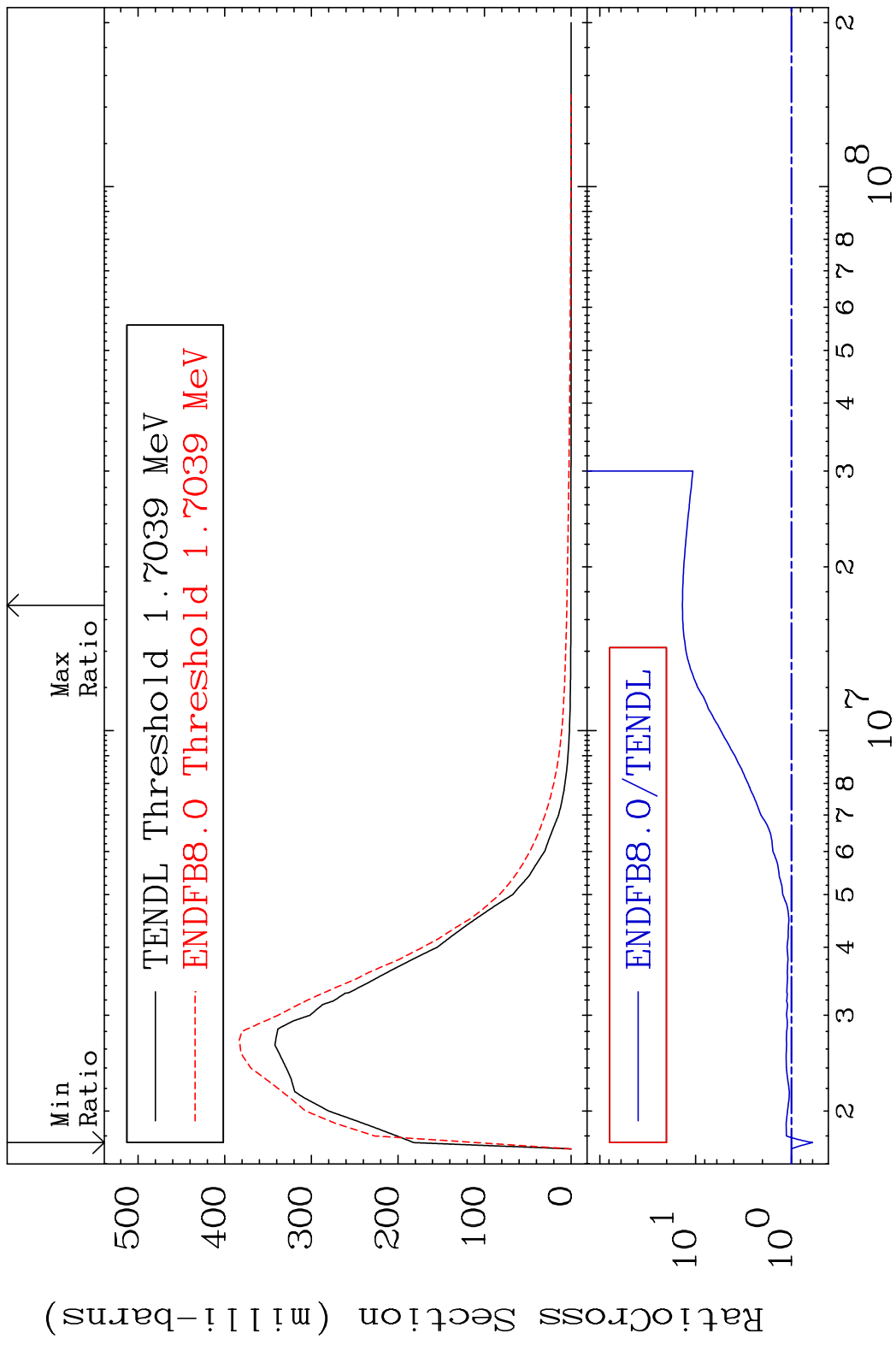
²⁶Fe-58

MAT 2637 MT= 51 (n, n') Level 26-Fe-58
 Cross Section -96.76 To 11.61 %



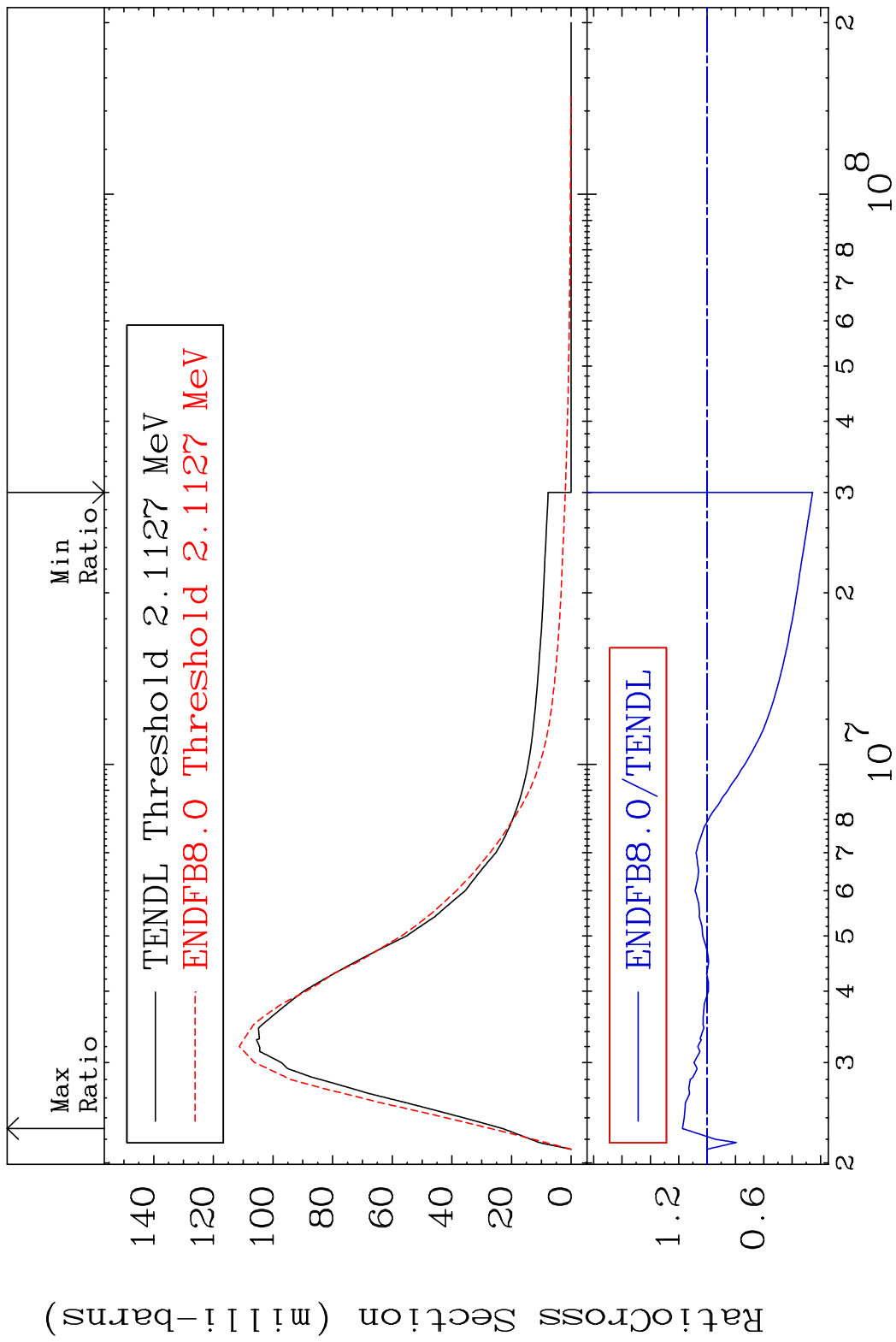
6 6 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 52 (n, n') Level 26-Fe-58
 Cross Section -40.03 To 1272. %



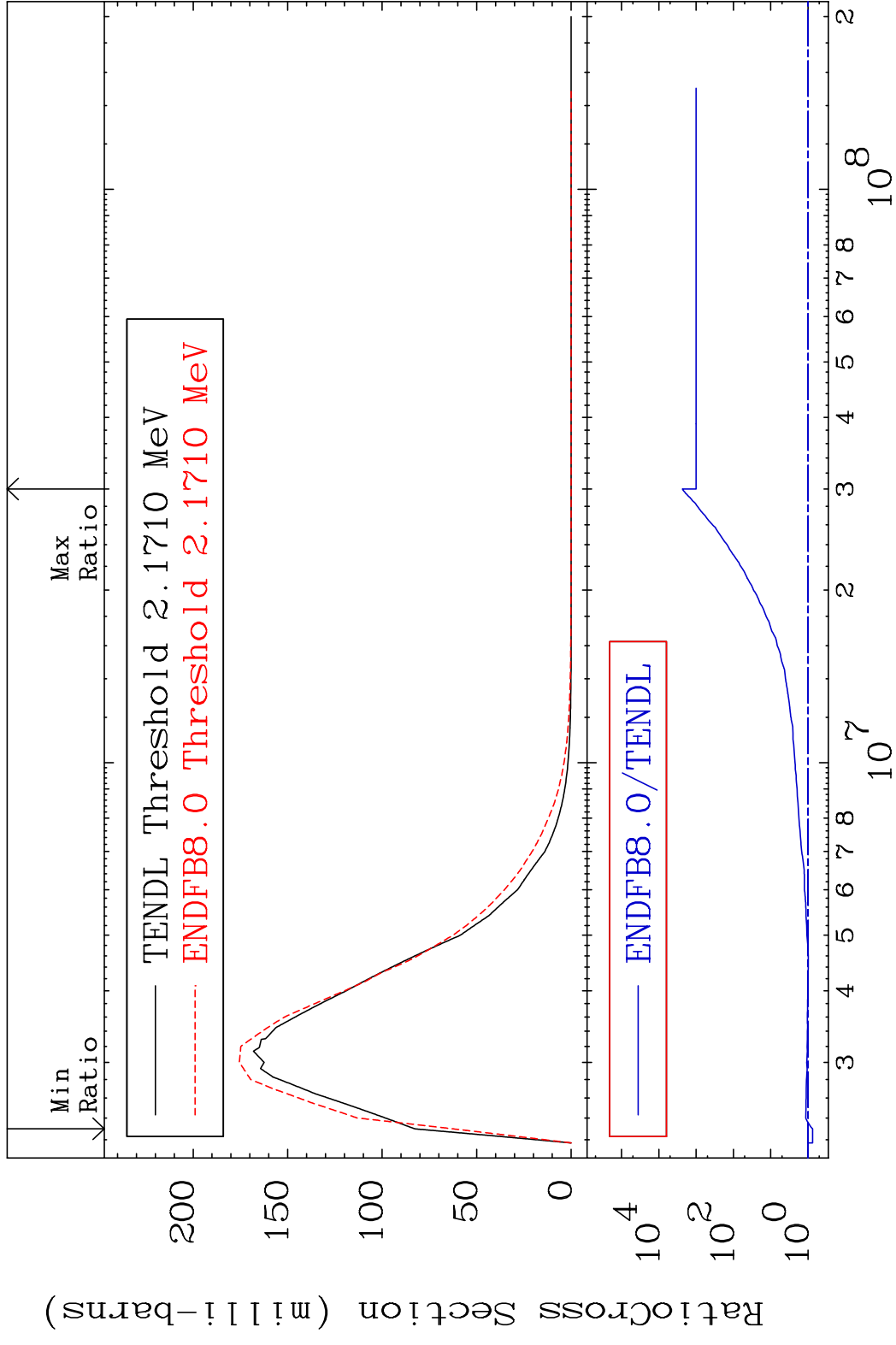
7 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 53 (n, n') Level 26-Fe-58
 Cross Section -74.40 To 17.43 %

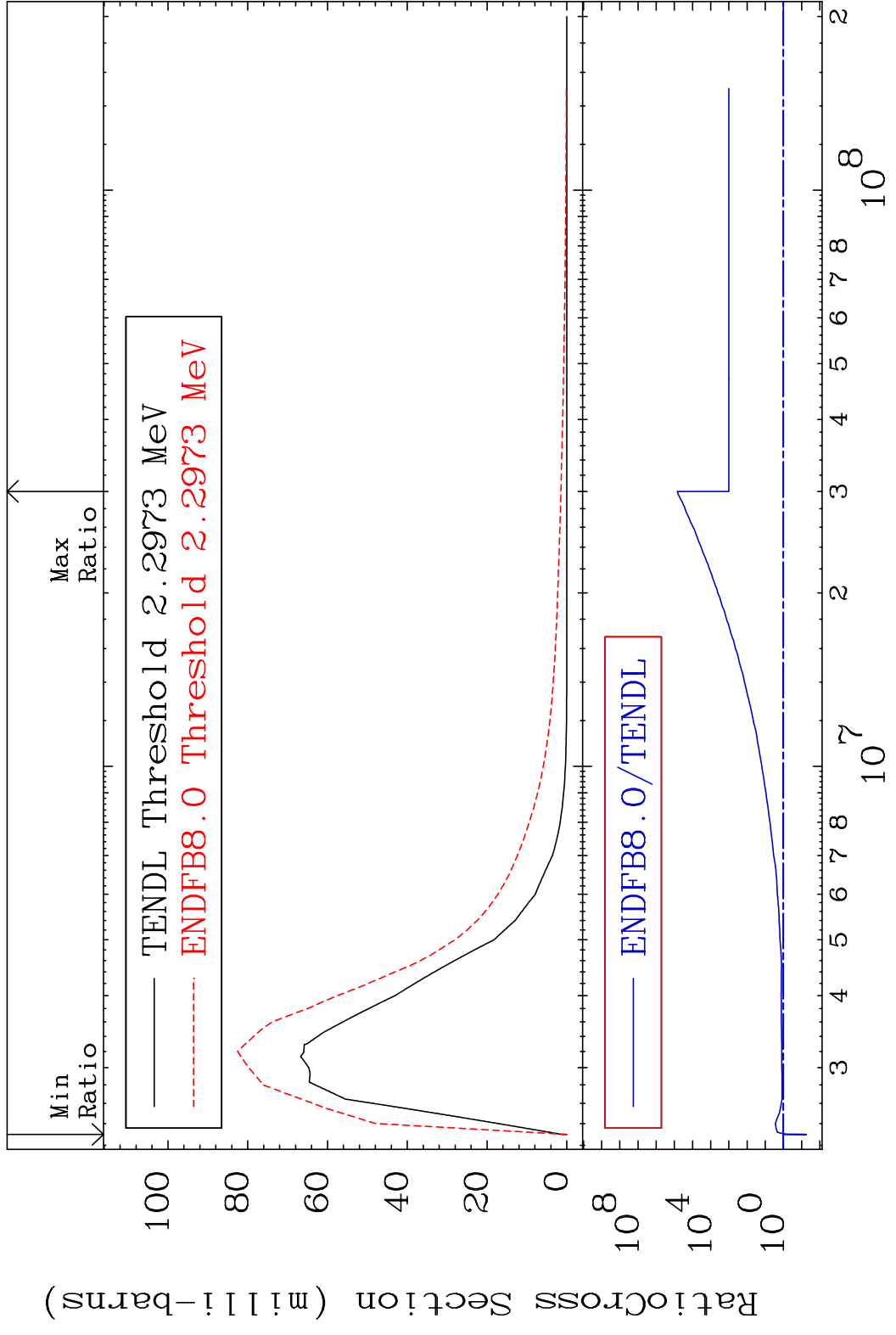


8 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 54 (n, n') Level 26-Fe-58
 Cross Section -24.53 To 9999. %

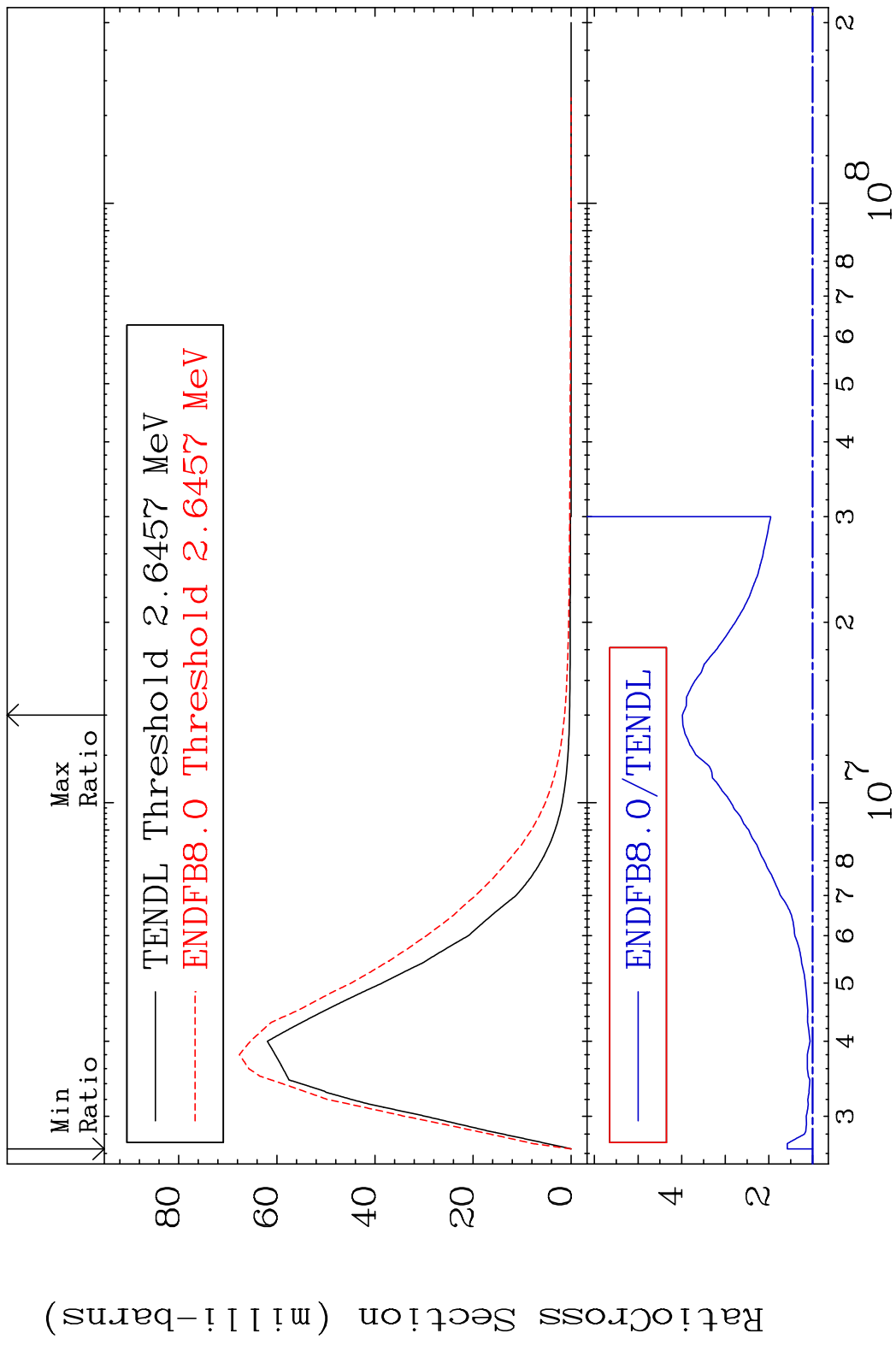


MAT 2637 MT= 55 (n, n') Level 26-Fe-58
 Cross Section -94.52 To 9999. %

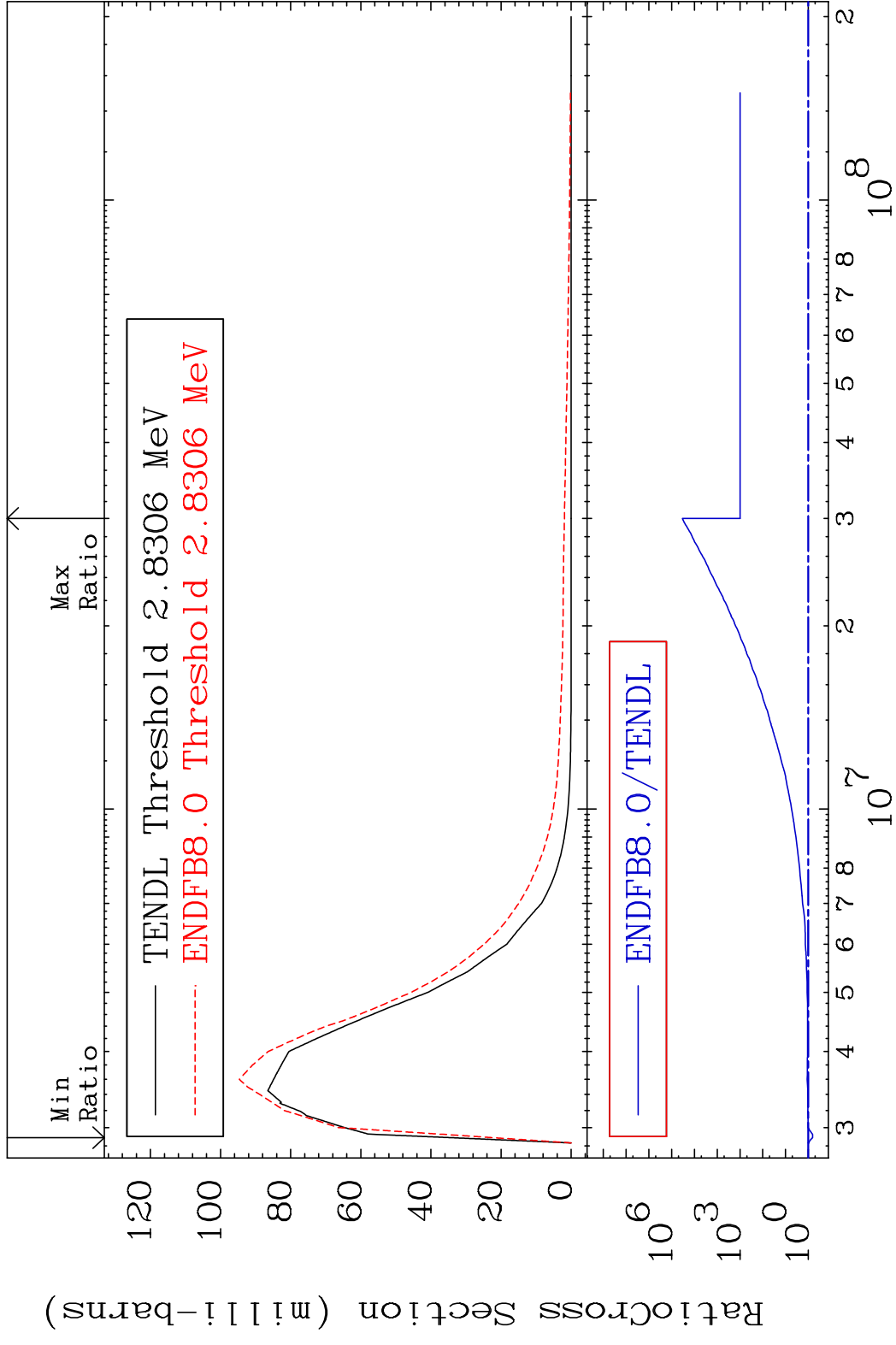


10 10 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 56 (n,n') Level 26-Fe-58
 Cross Section 0.000 To 298.5 %

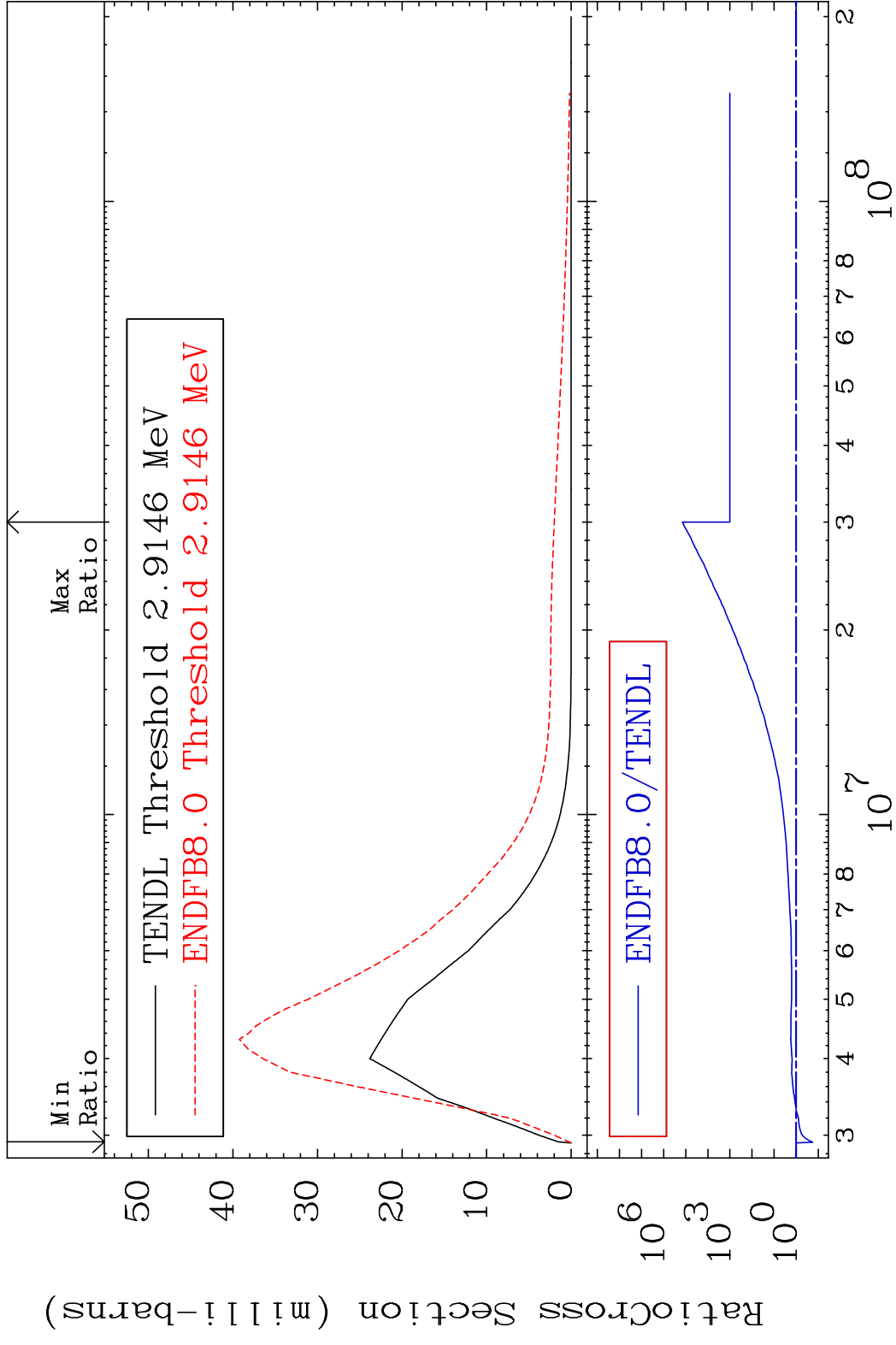


MAT 2637 MT= 57 (n, n') Level 26-Fe-58
 Cross Section -35.00 To 9999. %

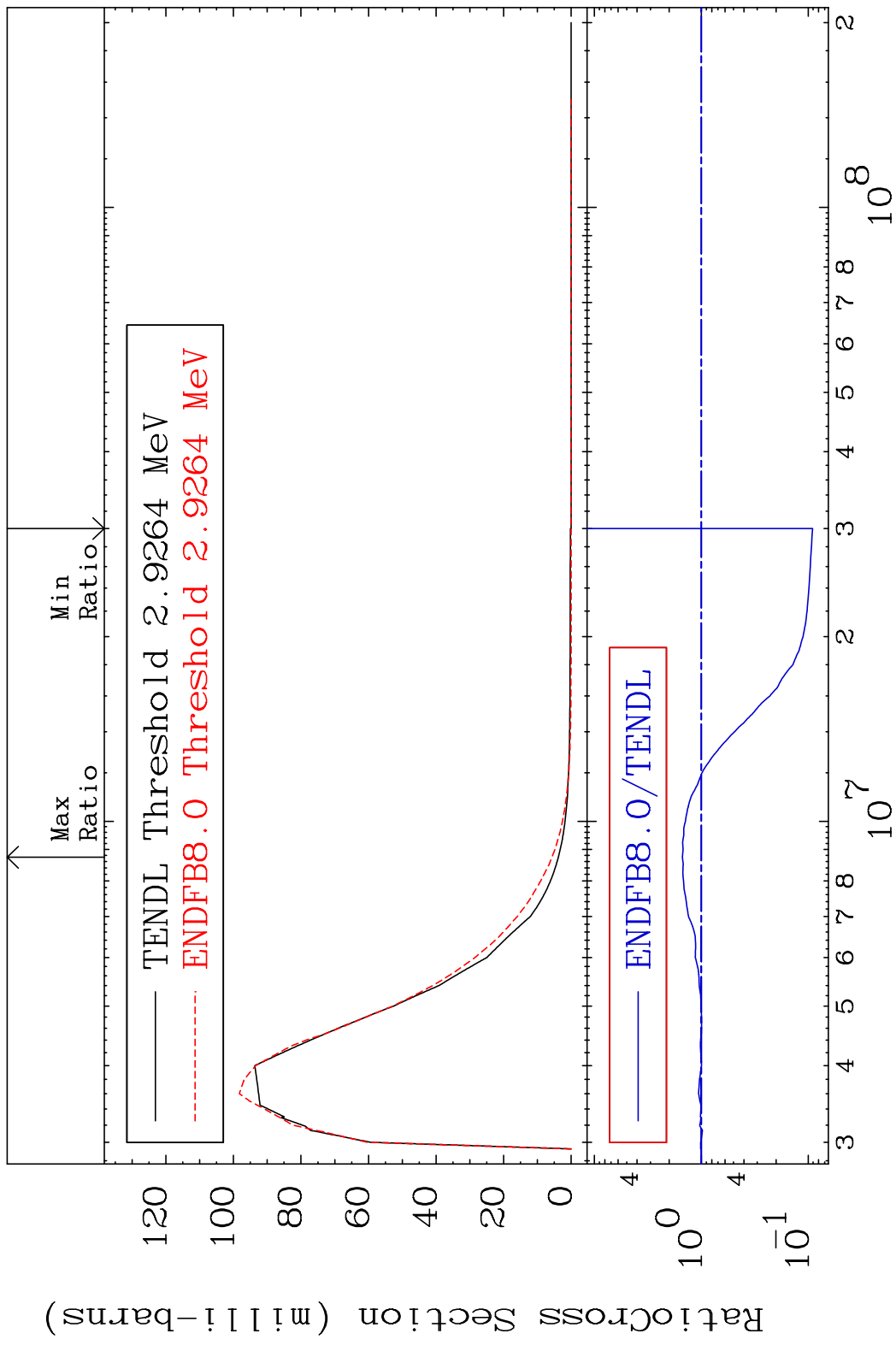


12 Incident Energy (eV) 26-Fe-58

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

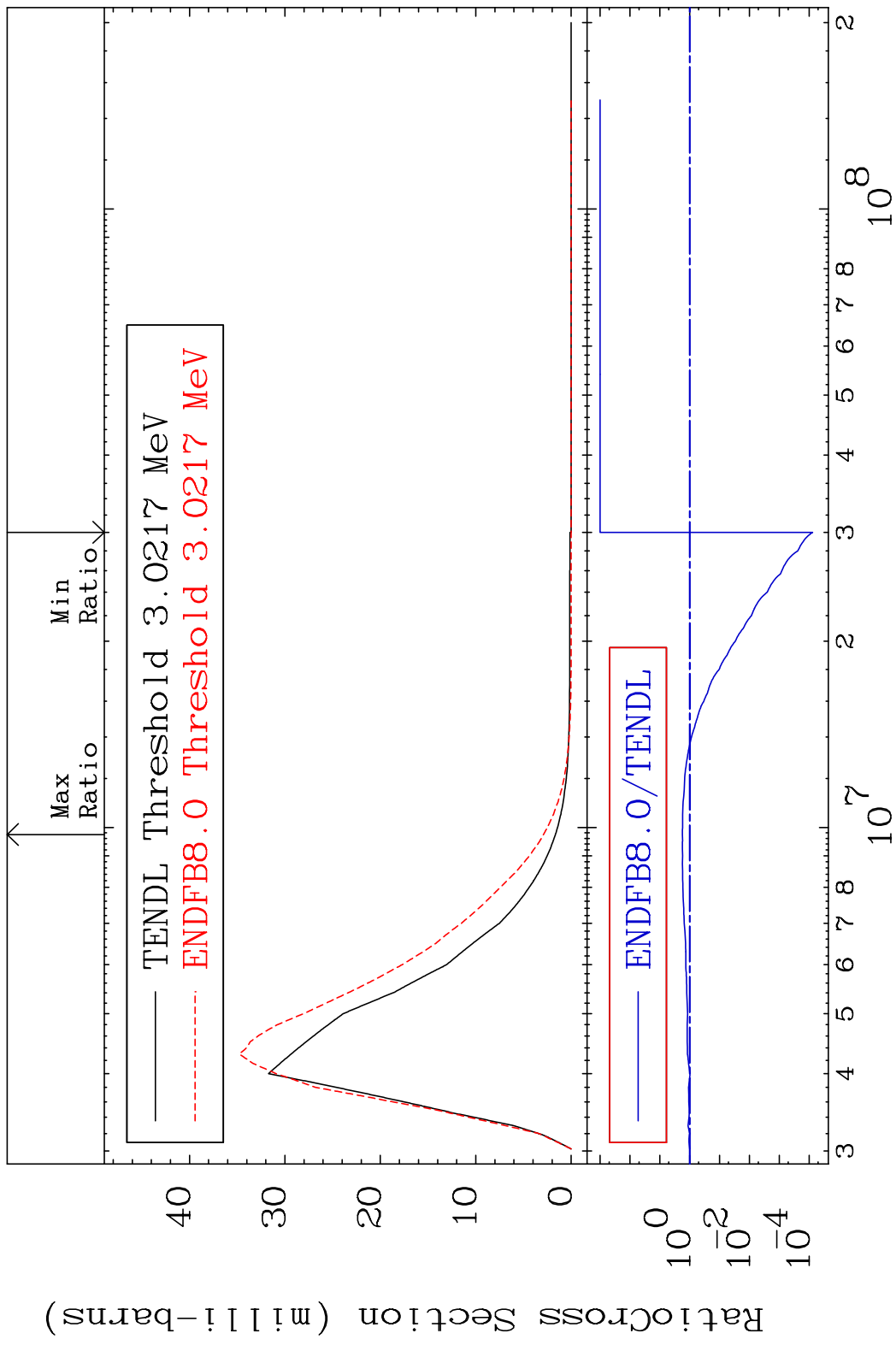


MAT 2637 MT= 59 (n, n') Level 26-Fe-58
 Cross Section -90.89 To 50.58 %



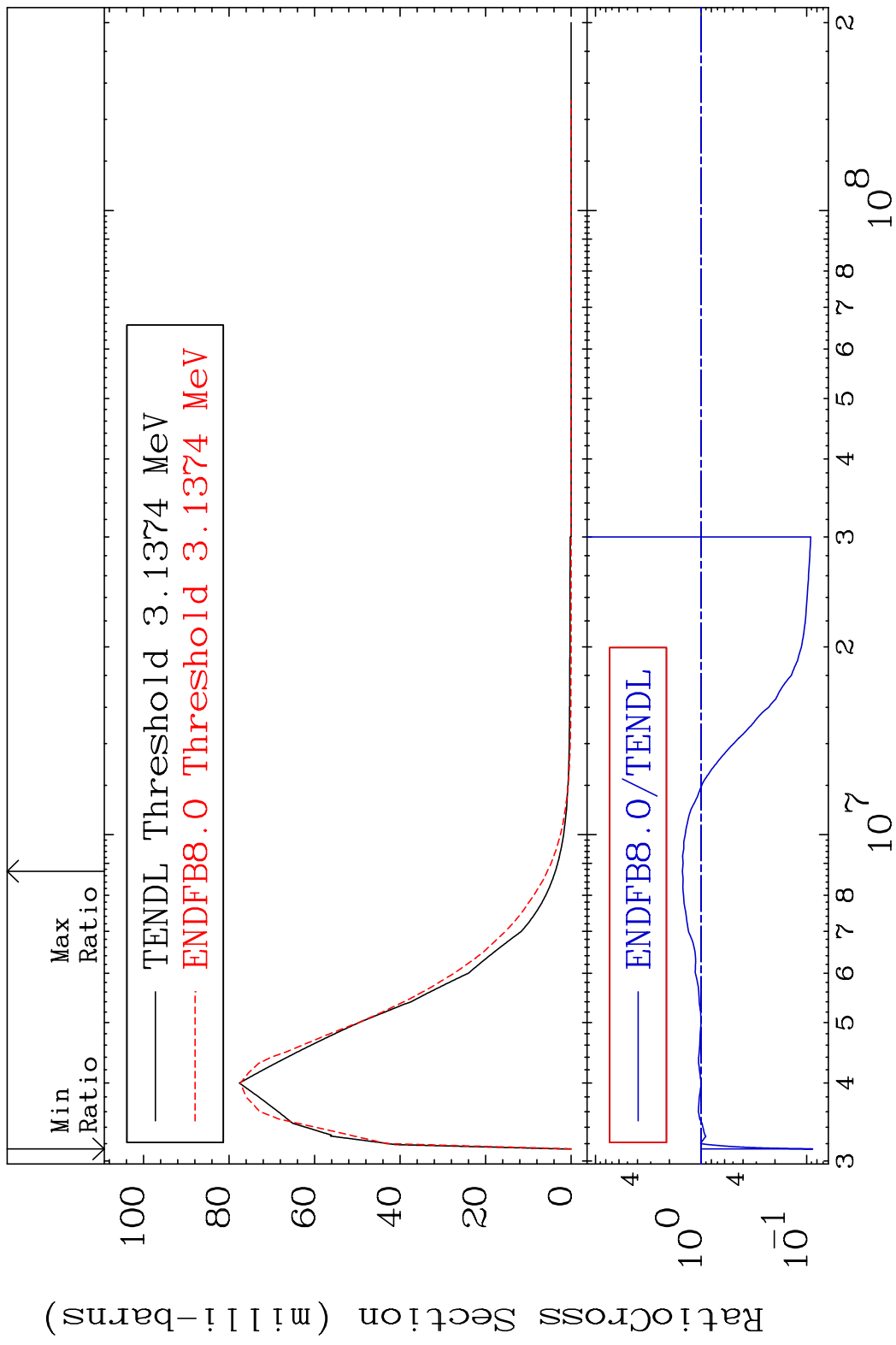
14 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 60 (n, n') Level 26-Fe-58
 Cross Section -99.99 To 76.15 %

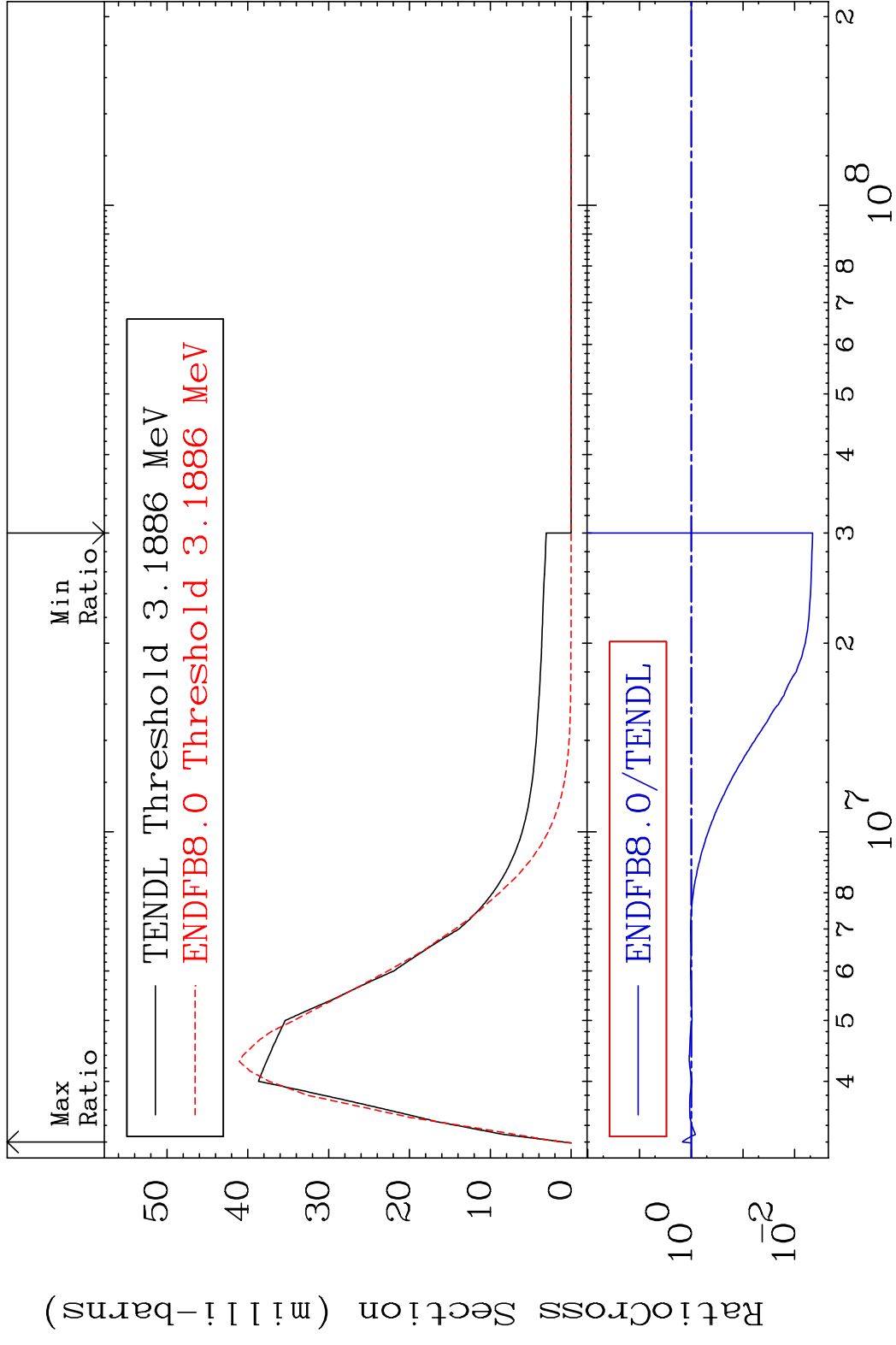


15 Incident Energy (eV) 26-Fe-58

MAT 2637 MT= 61 (n, n') Level 26-Fe-58
 Cross Section -91.20 To 50.58 %



MAT 2637 MT= 62 (n, n') Level 26-Fe-58
 Cross Section -99.55 To 48.32 %

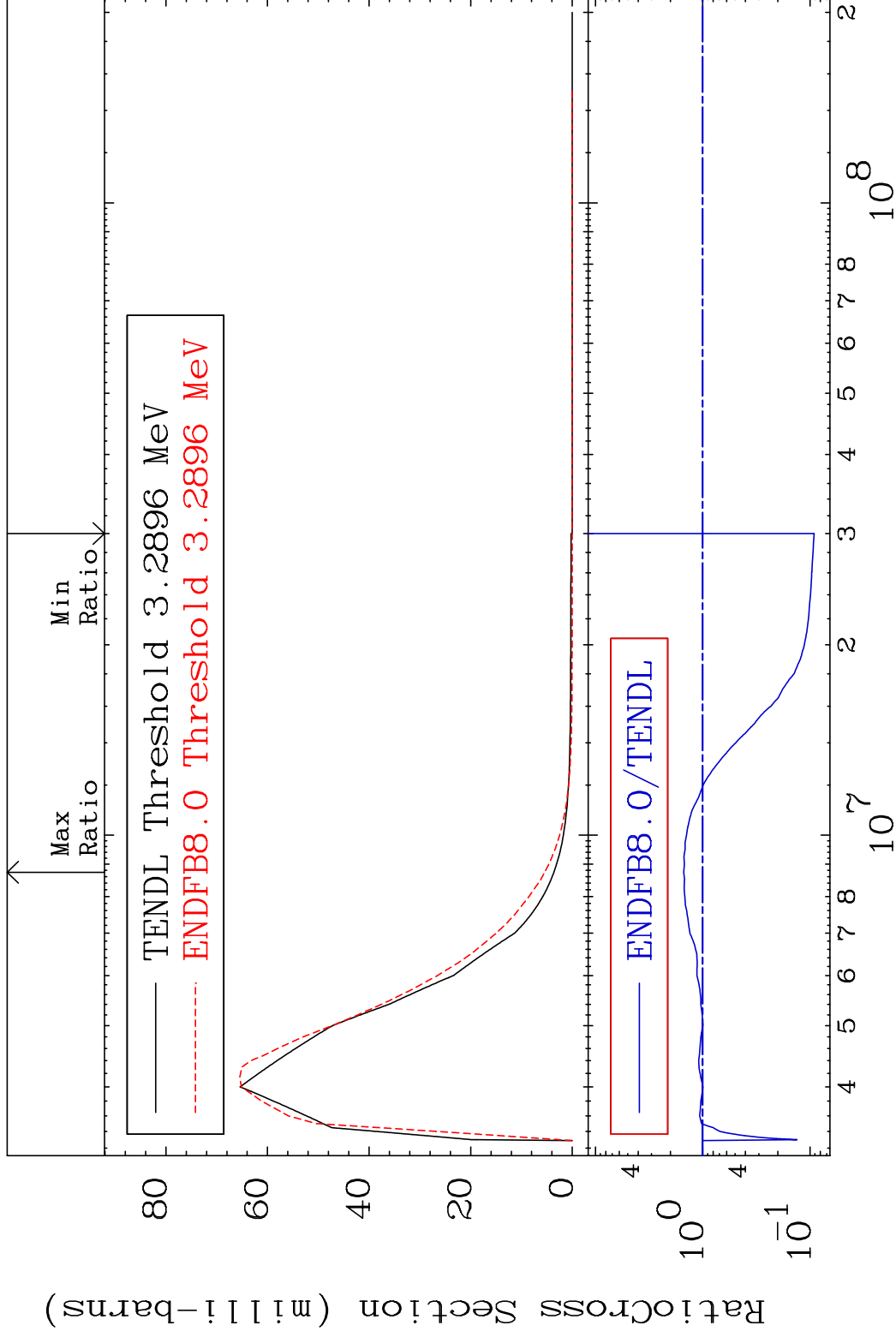


MAT 2637

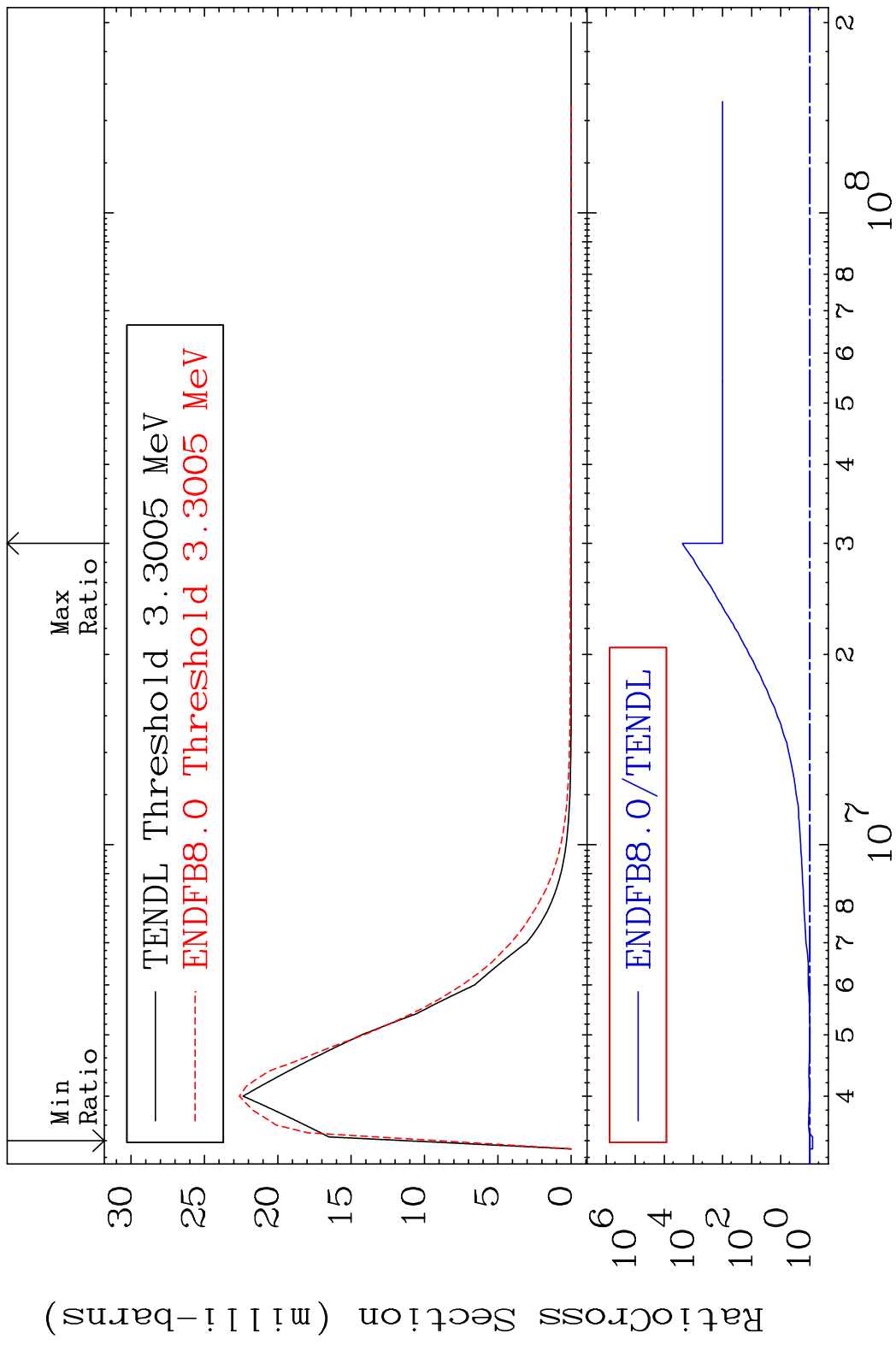
MT= 63 (n, n') Level

²⁶Fe-58

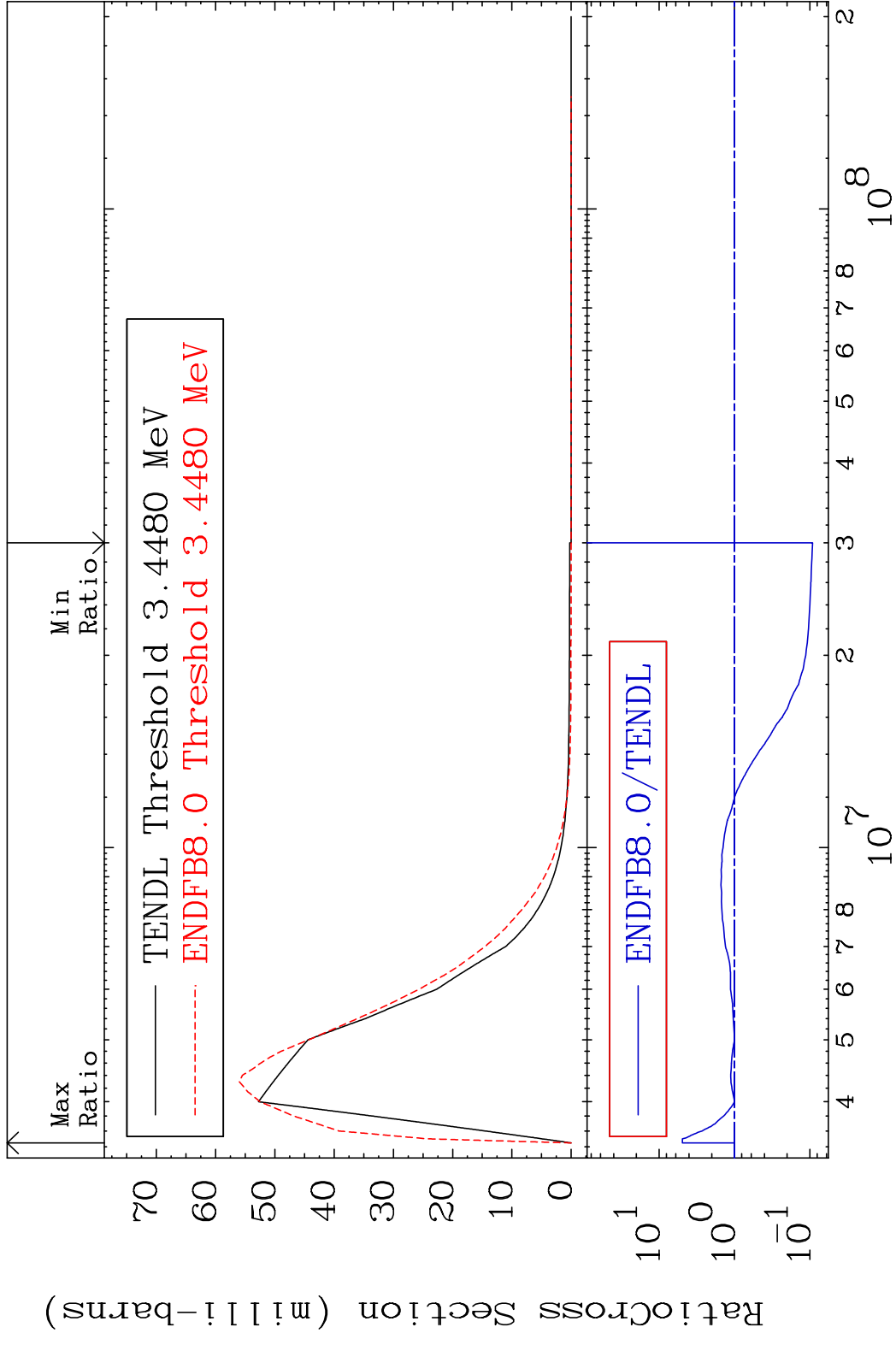
Cross Section -90.84 To 50.61 %



MAT 2637 MT= 64 (n, n') Level 26-Fe-58
 Cross Section -19.67 To 9999. %

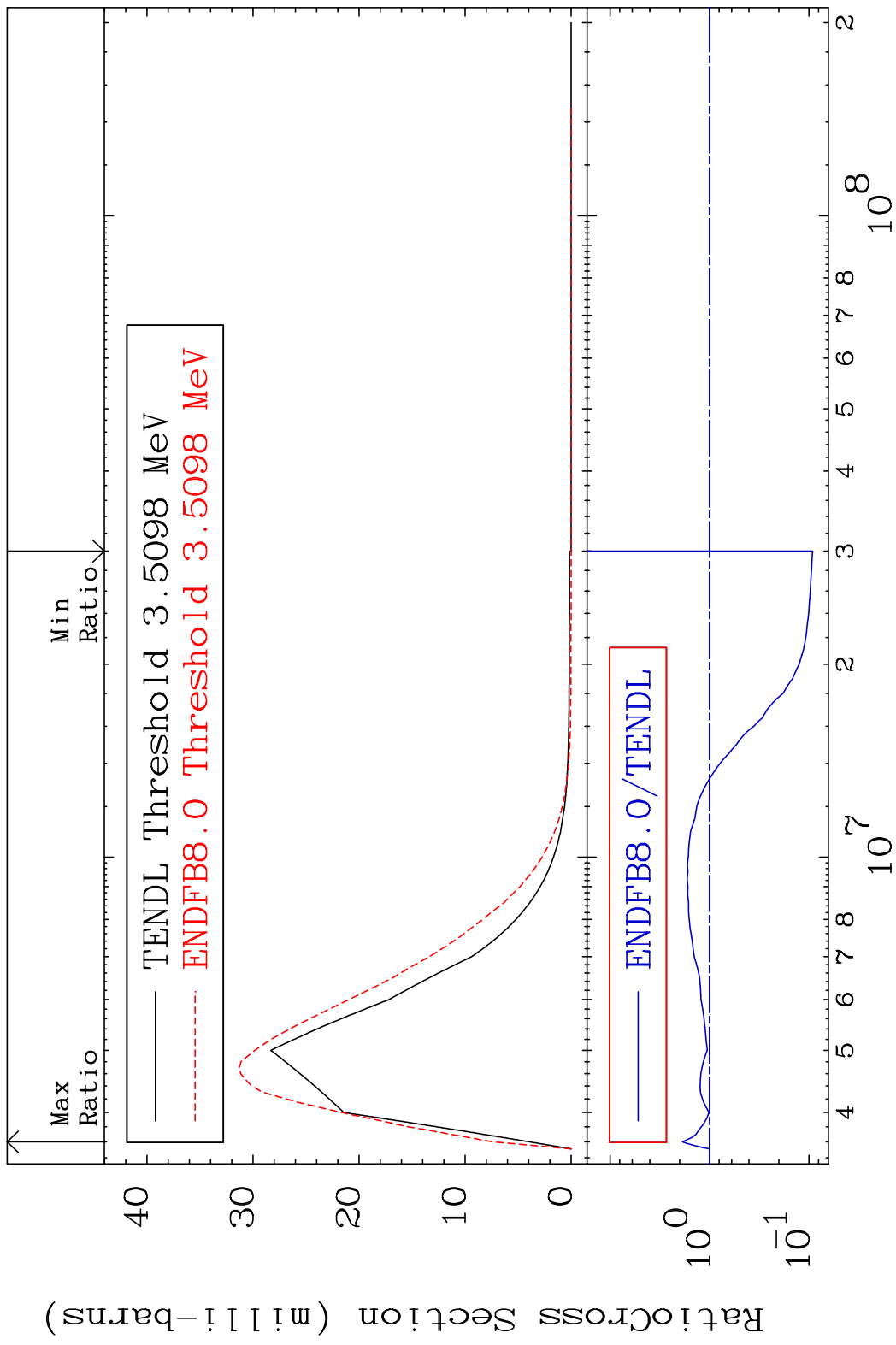


MAT 2637 MT= 65 (n,n') Level 26-Fe-58
 Cross Section -90.82 To 391.3 %

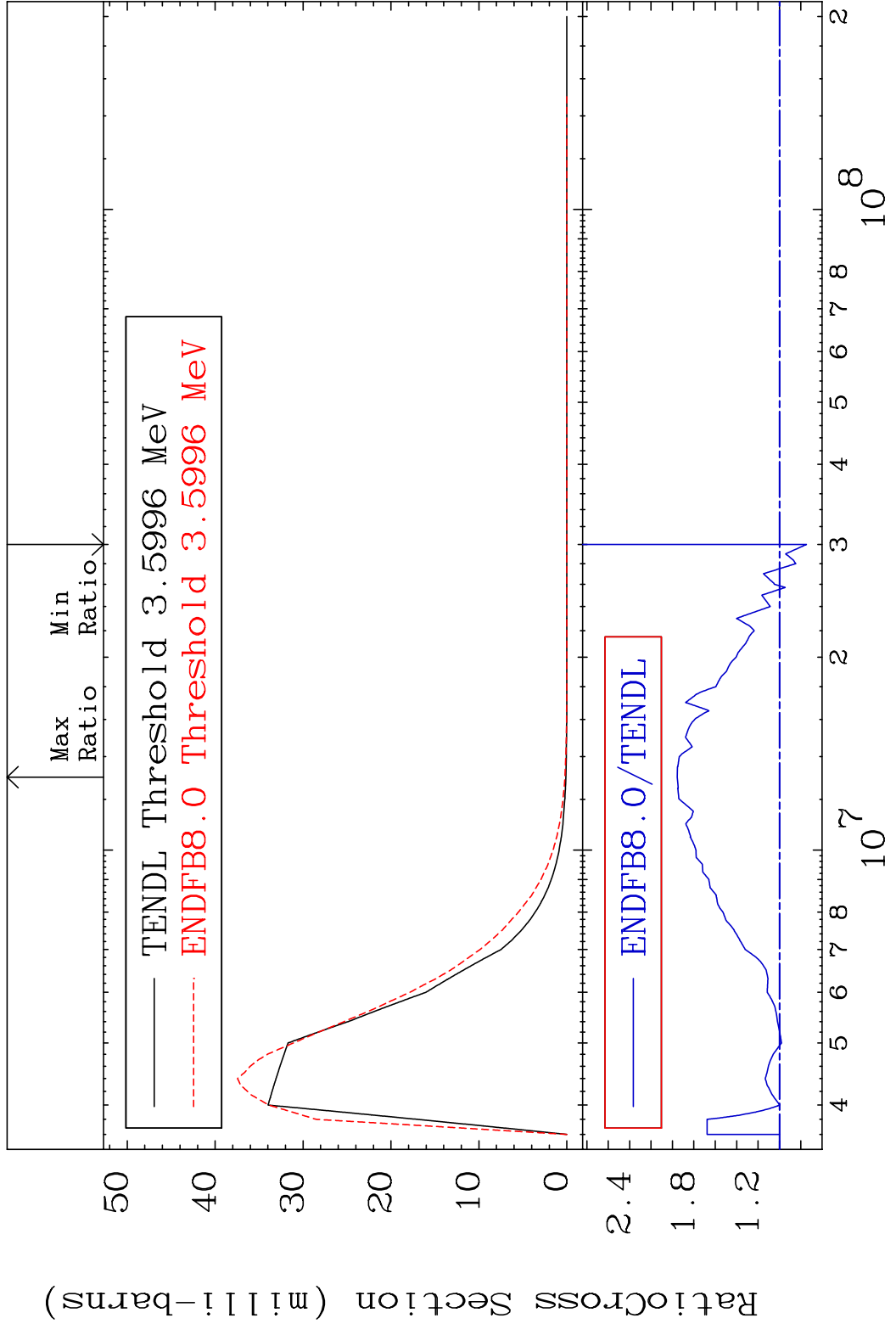


20 Incident Energy (eV) 26-Fe-58

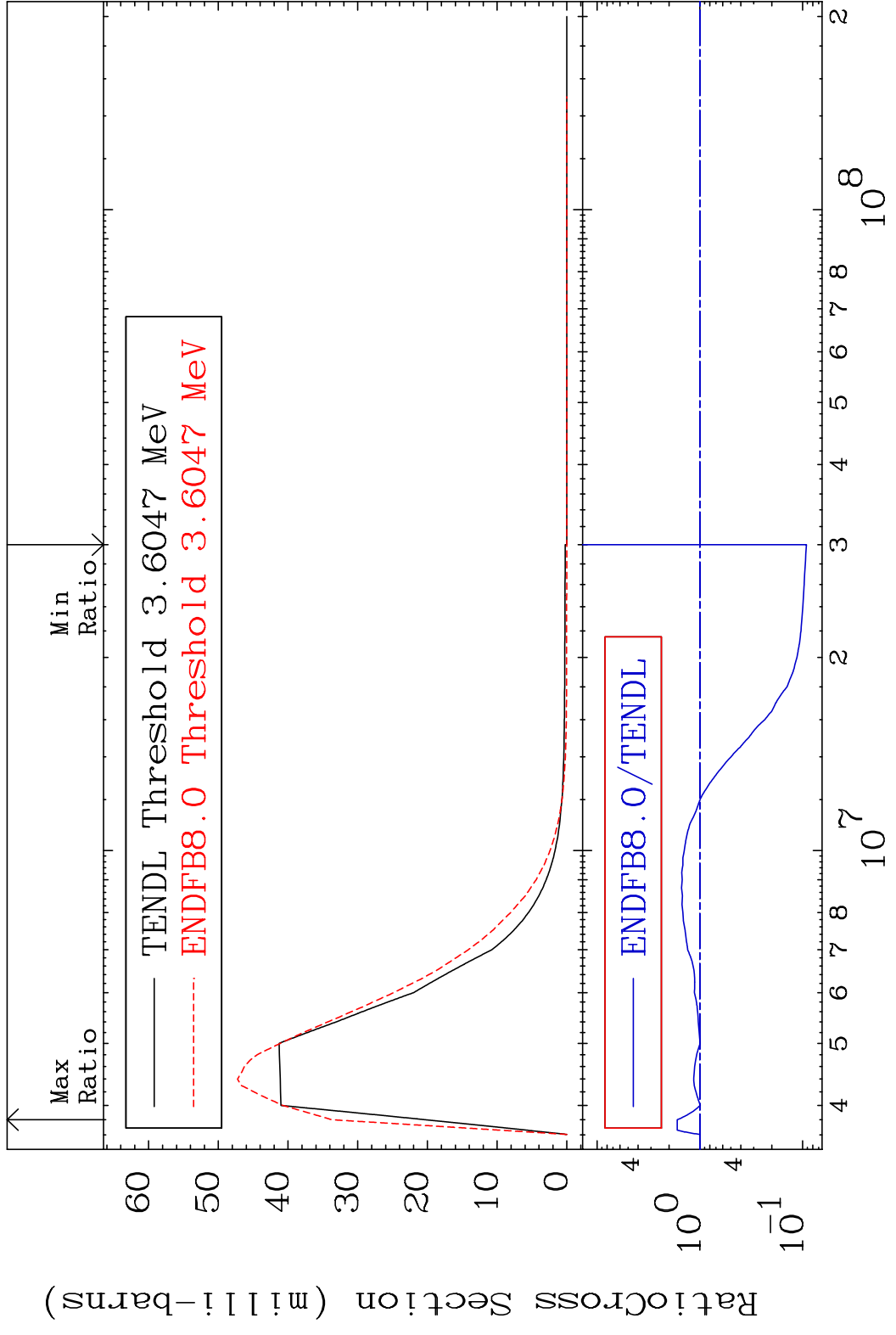
MAT 2637 MT= 66 (n, n') Level 26-Fe-58
 Cross Section -90.82 To 87.62 %



MAT 2637 MT= 67 (n, n') Level 26-Fe-58
 Cross Section -25.18 To 95.56 %



MAT 2637 MT= 68 (n, n') Level 26-Fe-58
 Cross Section -90.79 To 66.38 %

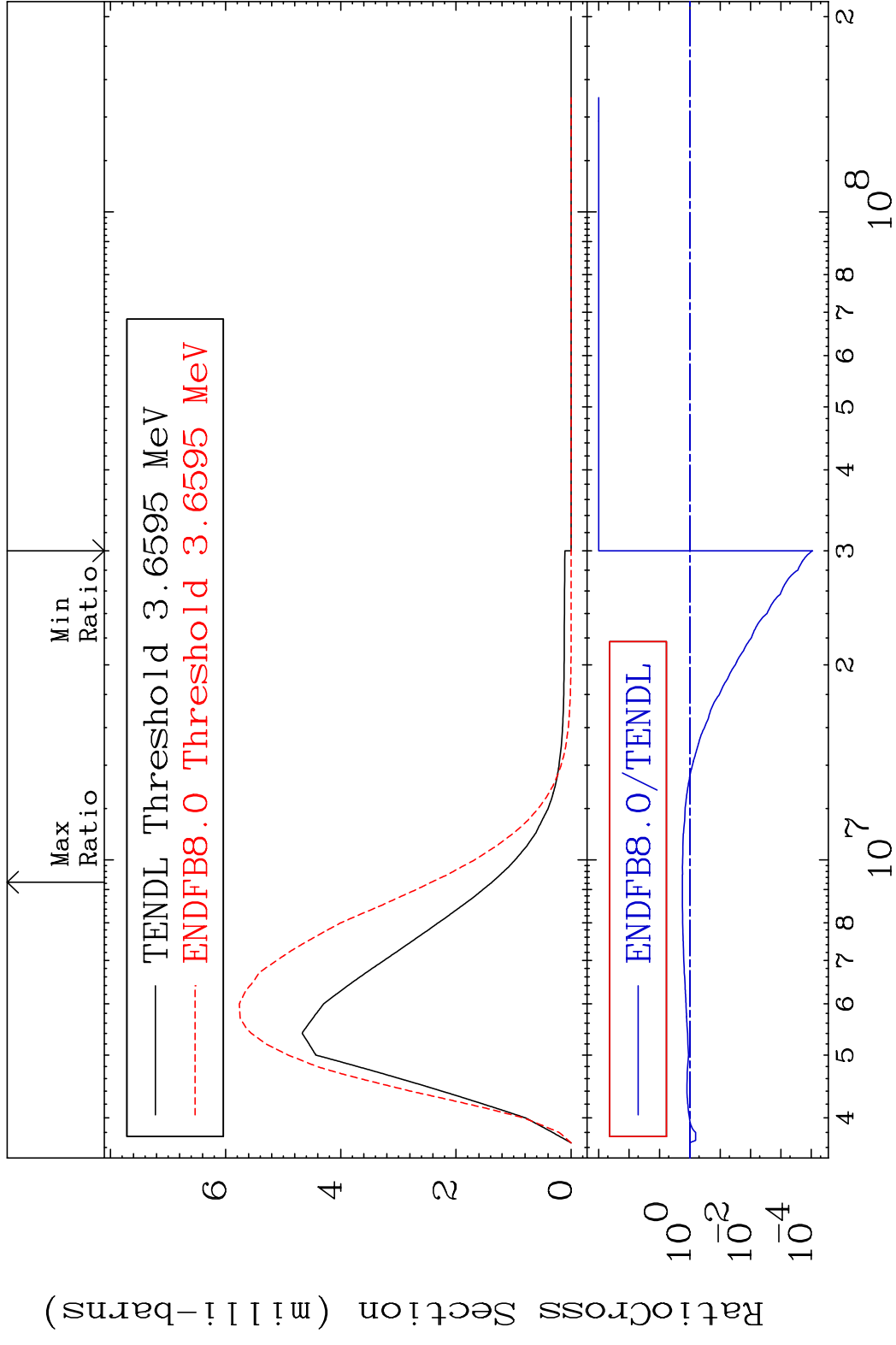


MAT 2637

MT= 69 (n, n') Level

26-Fe-58

Cross Section -99.99 To 76.53 %

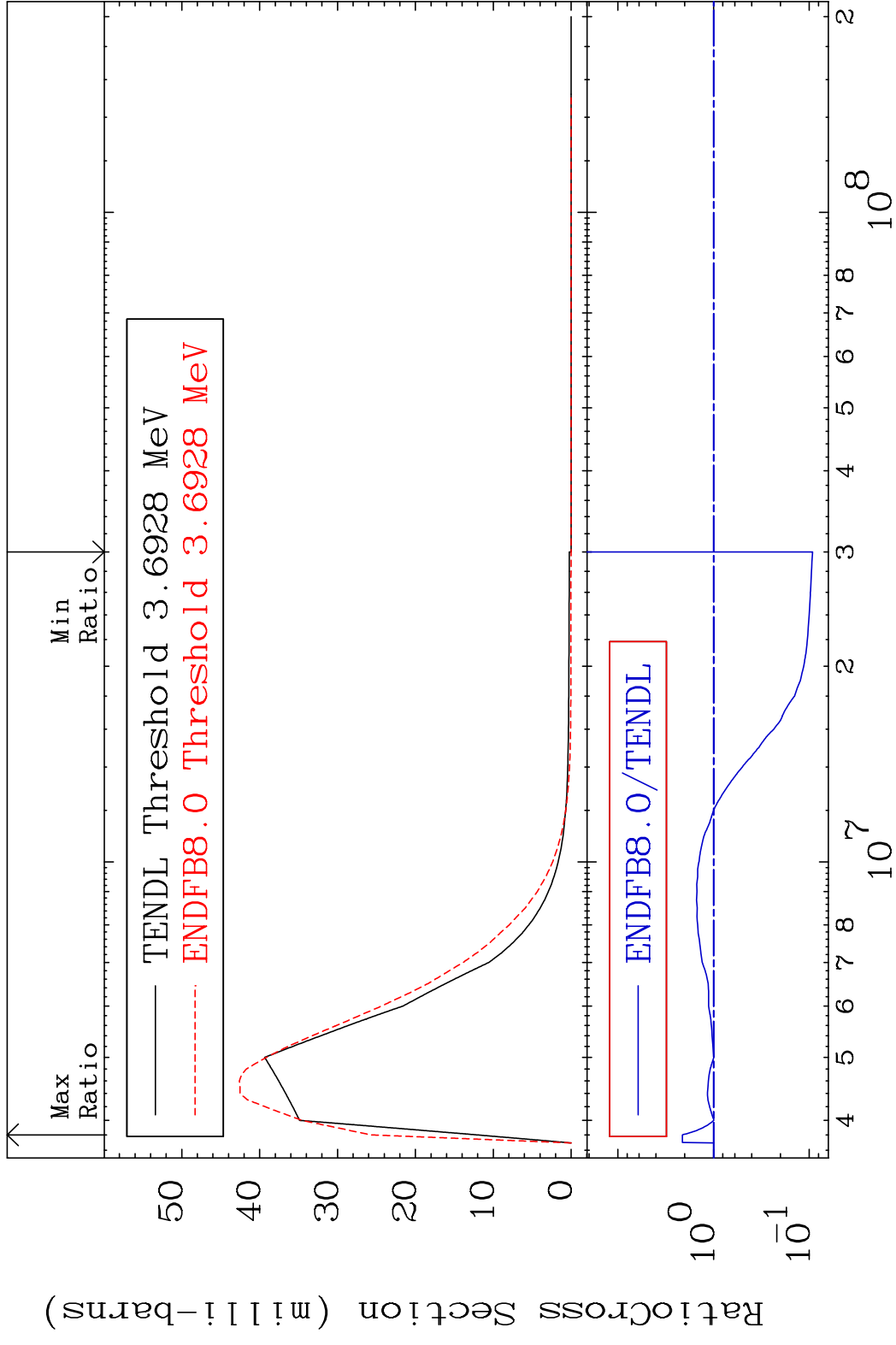


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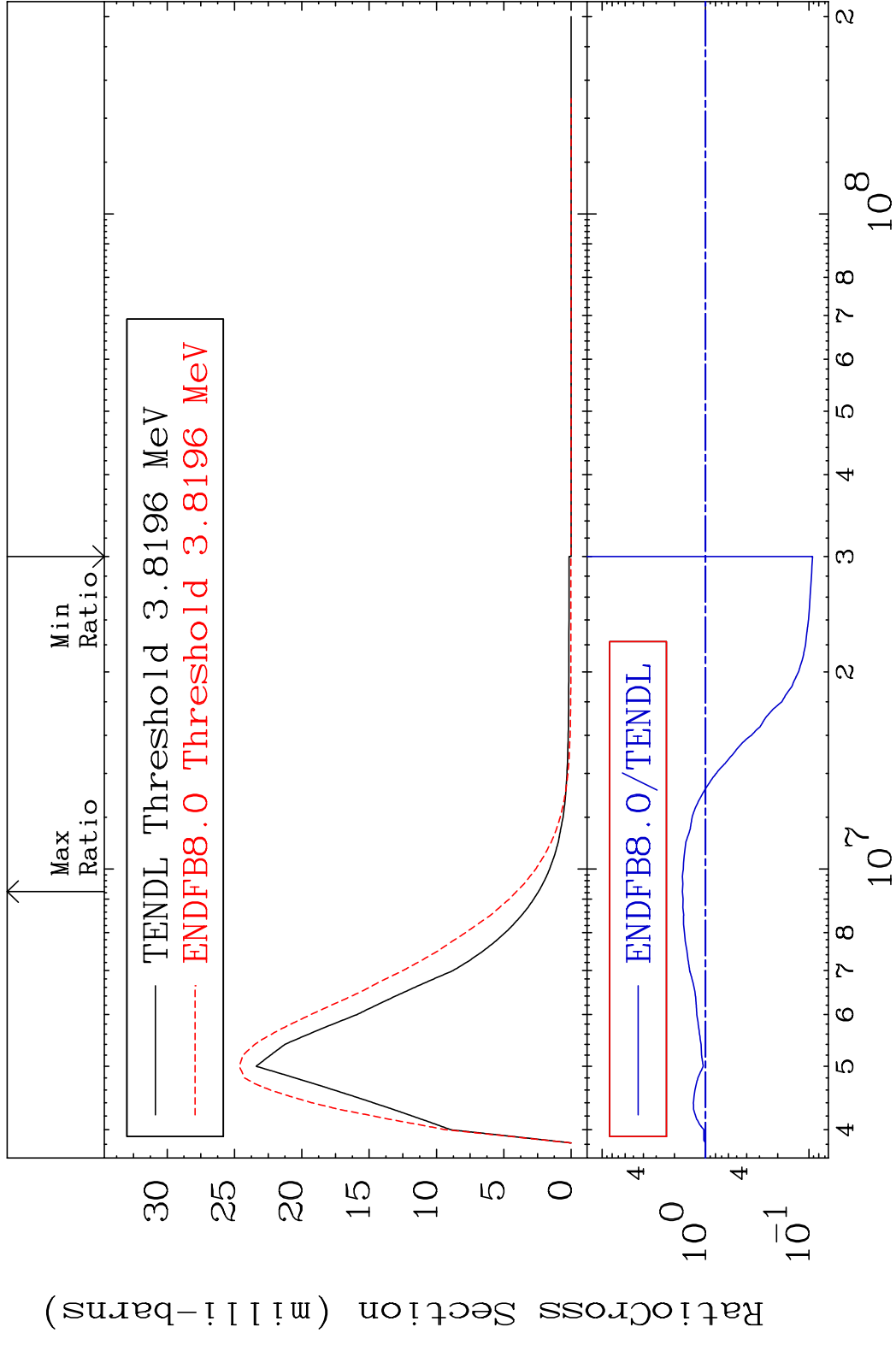
Incident Energy (eV)

26-Fe-58

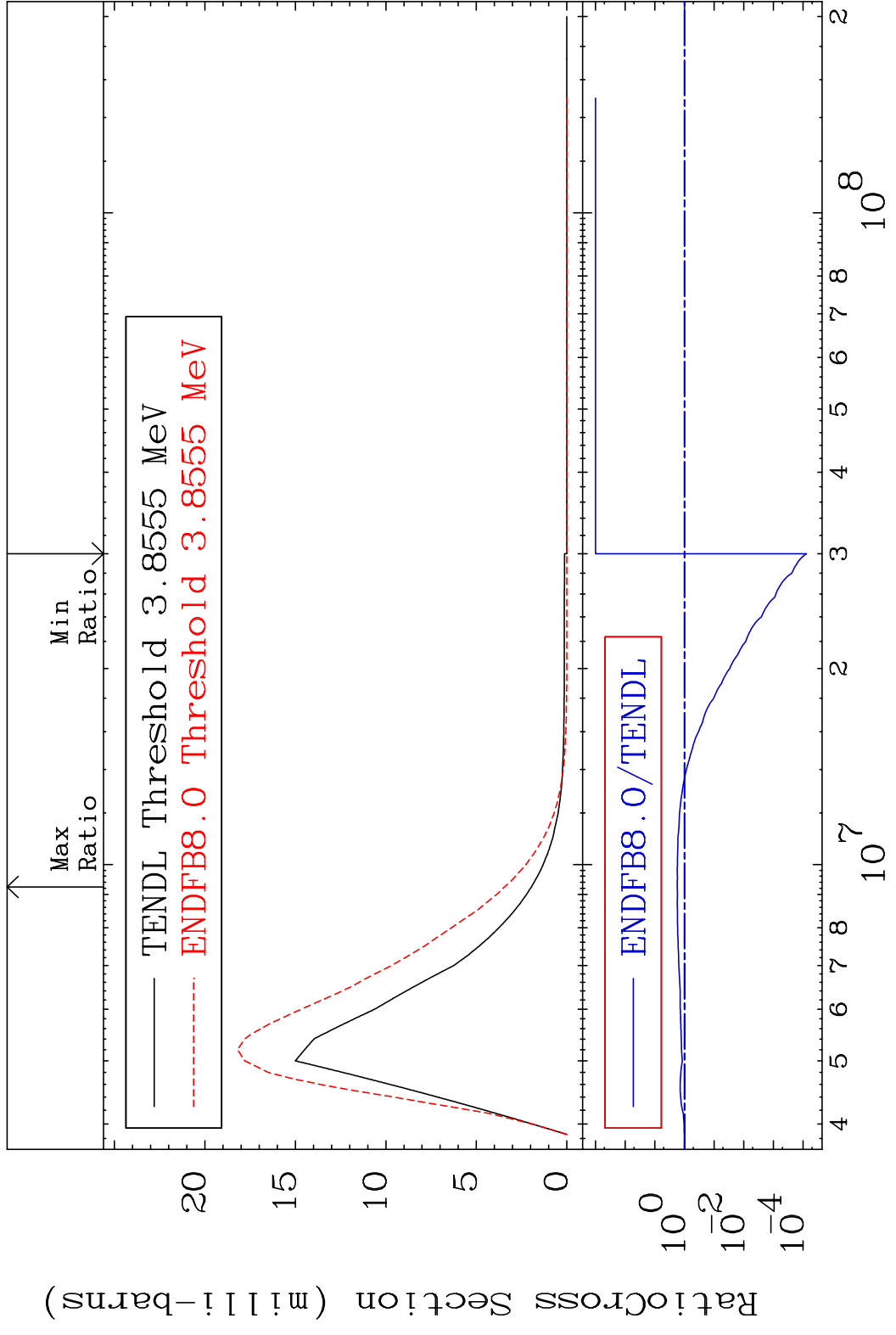
MAT 2637 MT= 70 (n,n') Level 26-Fe-58
 Cross Section -90.78 To 112.0 %



MAT 2637 MT= 71 (n, n') Level 26-Fe-58
 Cross Section -90.79 To 67.61 %



MAT 2637 MT= 72 (n, n') Level 26-Fe-58
 Cross Section -99.99 To 75.73 %

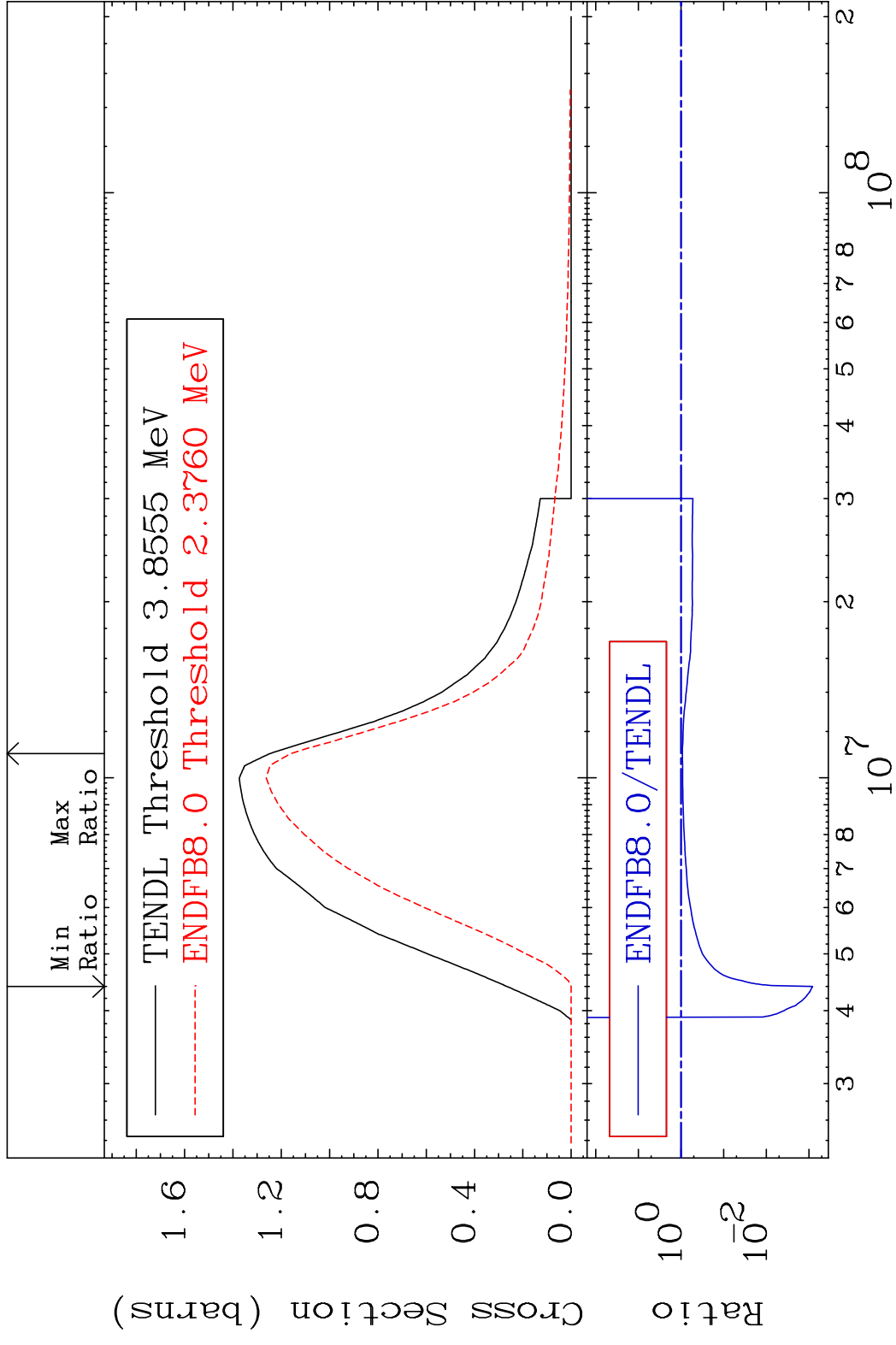


MAT 2637

(n, n') Continuum

²⁶Fe-58

Cross Section -99.92 To -6.947%



28

Incident Energy (eV)

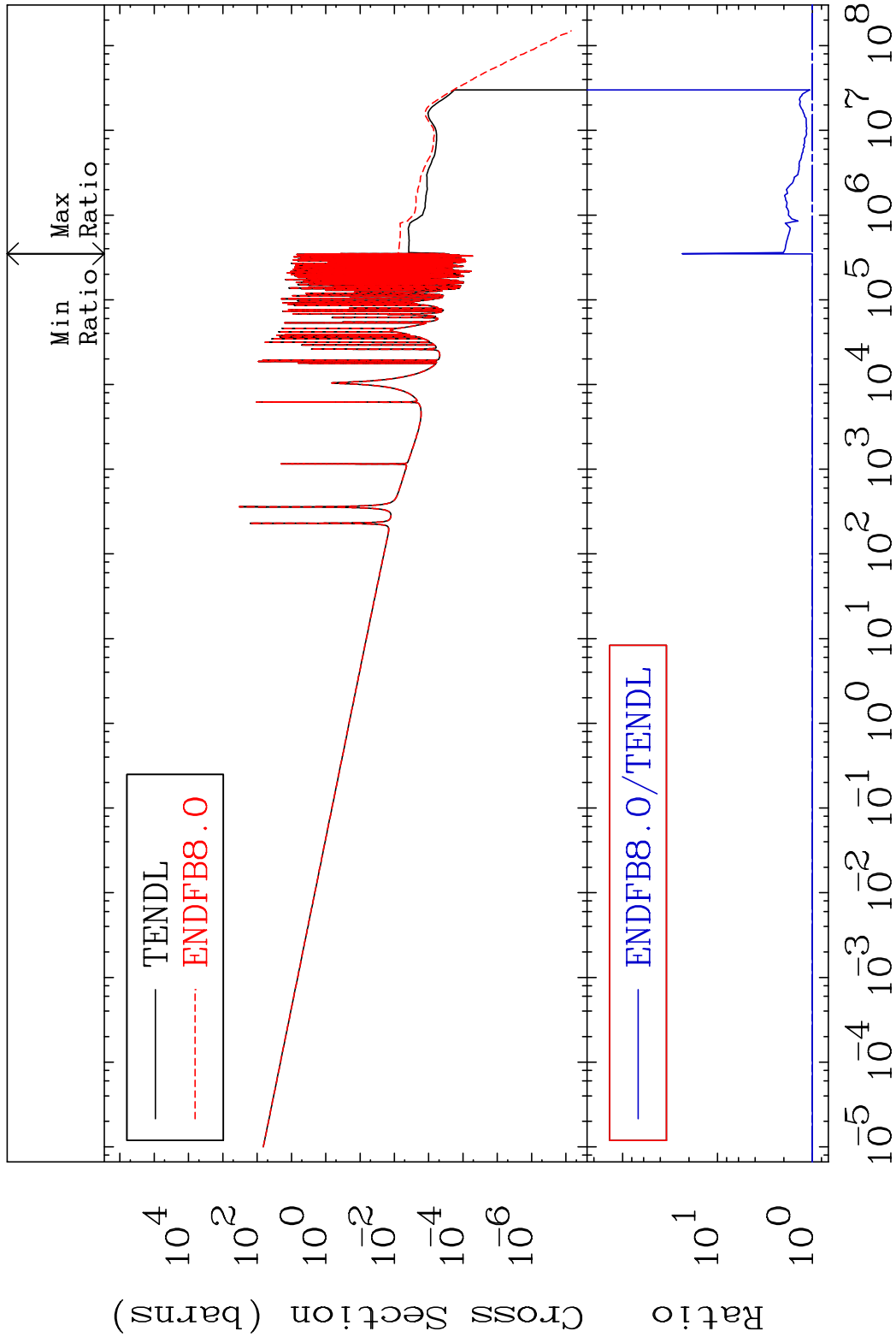
²⁶Fe-58

MAT 2637

(n, γ)

26-Fe-58

Cross Section -0.520 To 2244. %

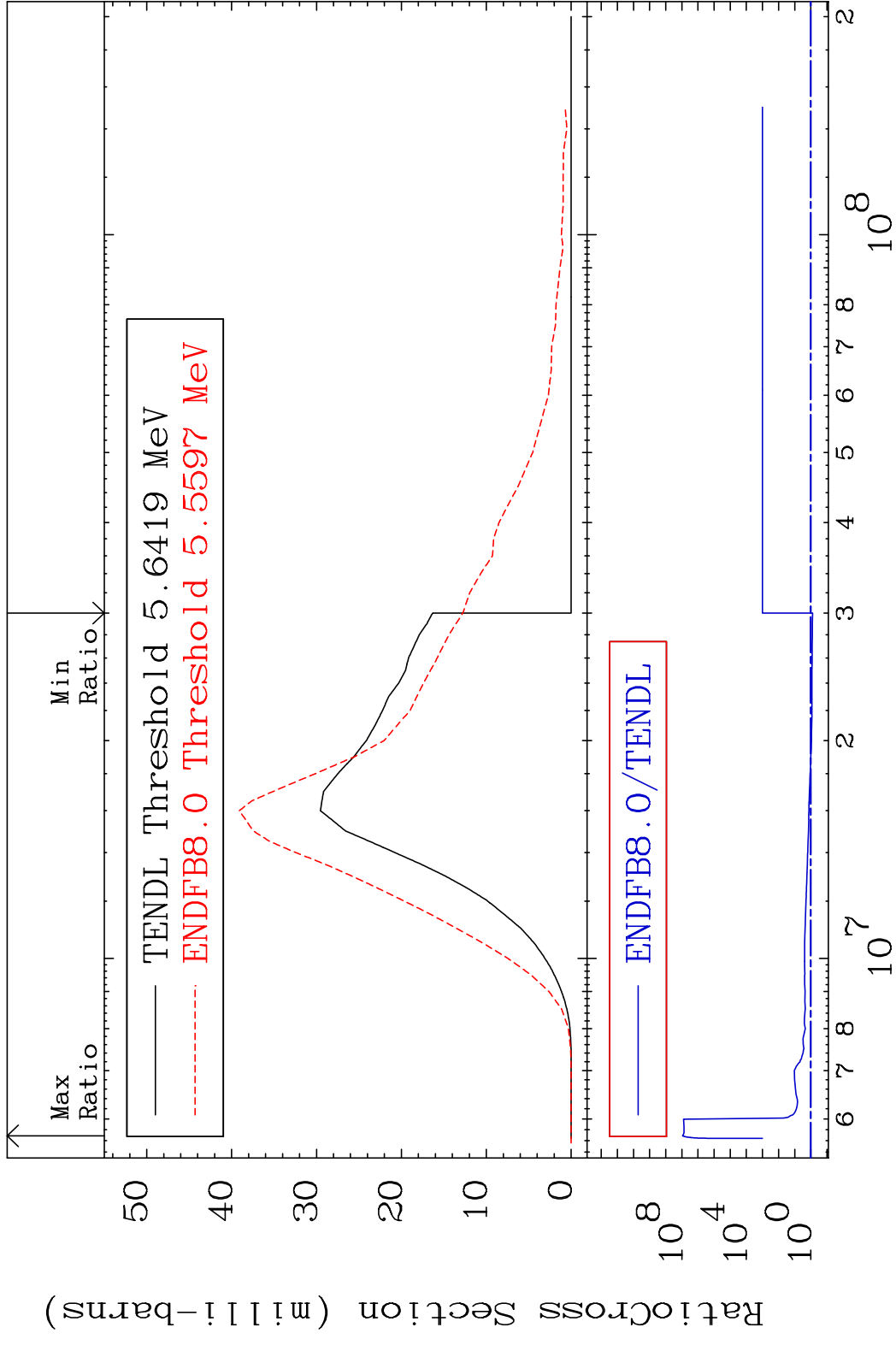


29

Incident Energy (eV)

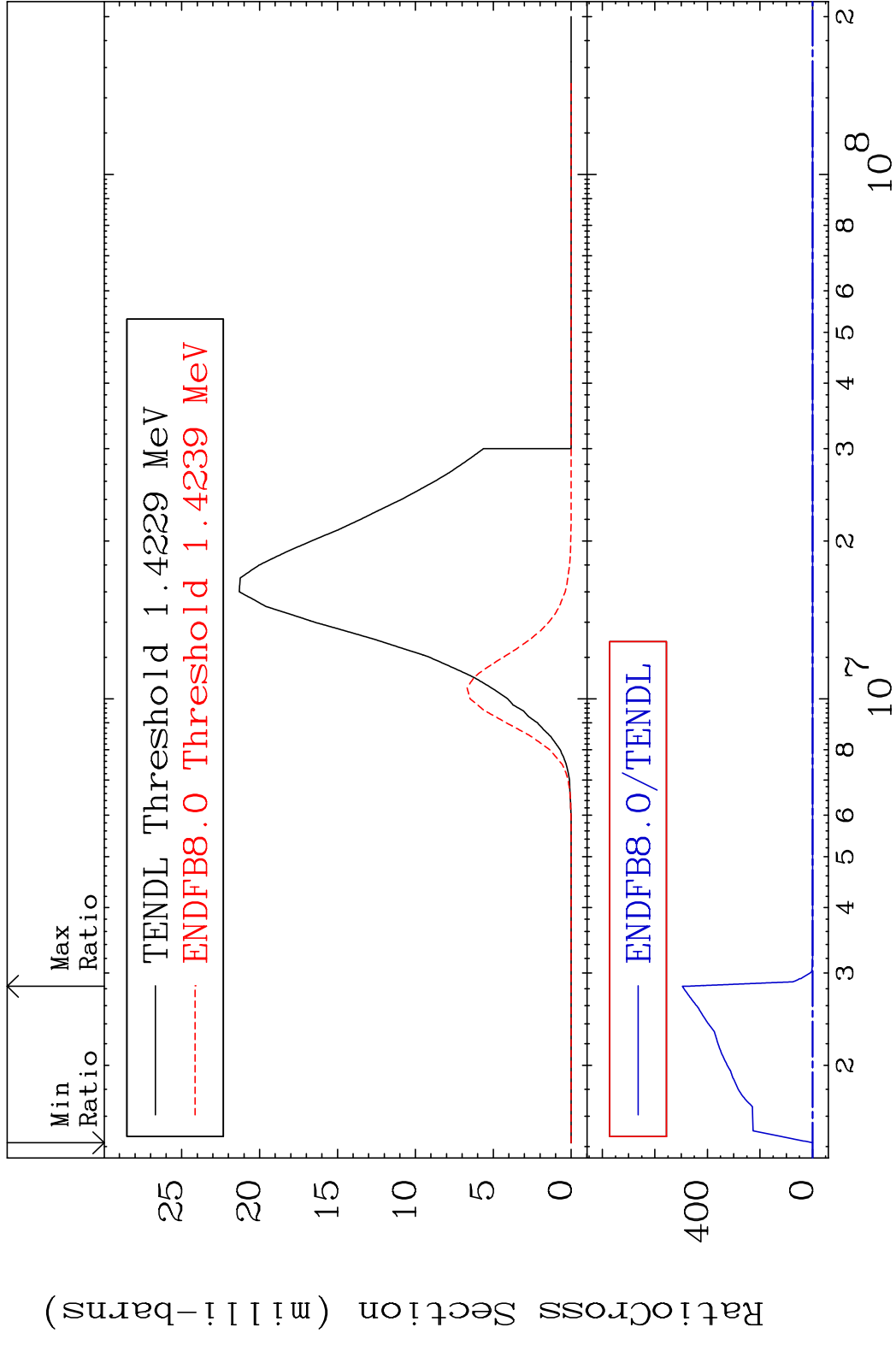
26-Fe-58

MAT 2637 (n,p) 26-Fe-58
 Cross Section -21.87 To 9999. %

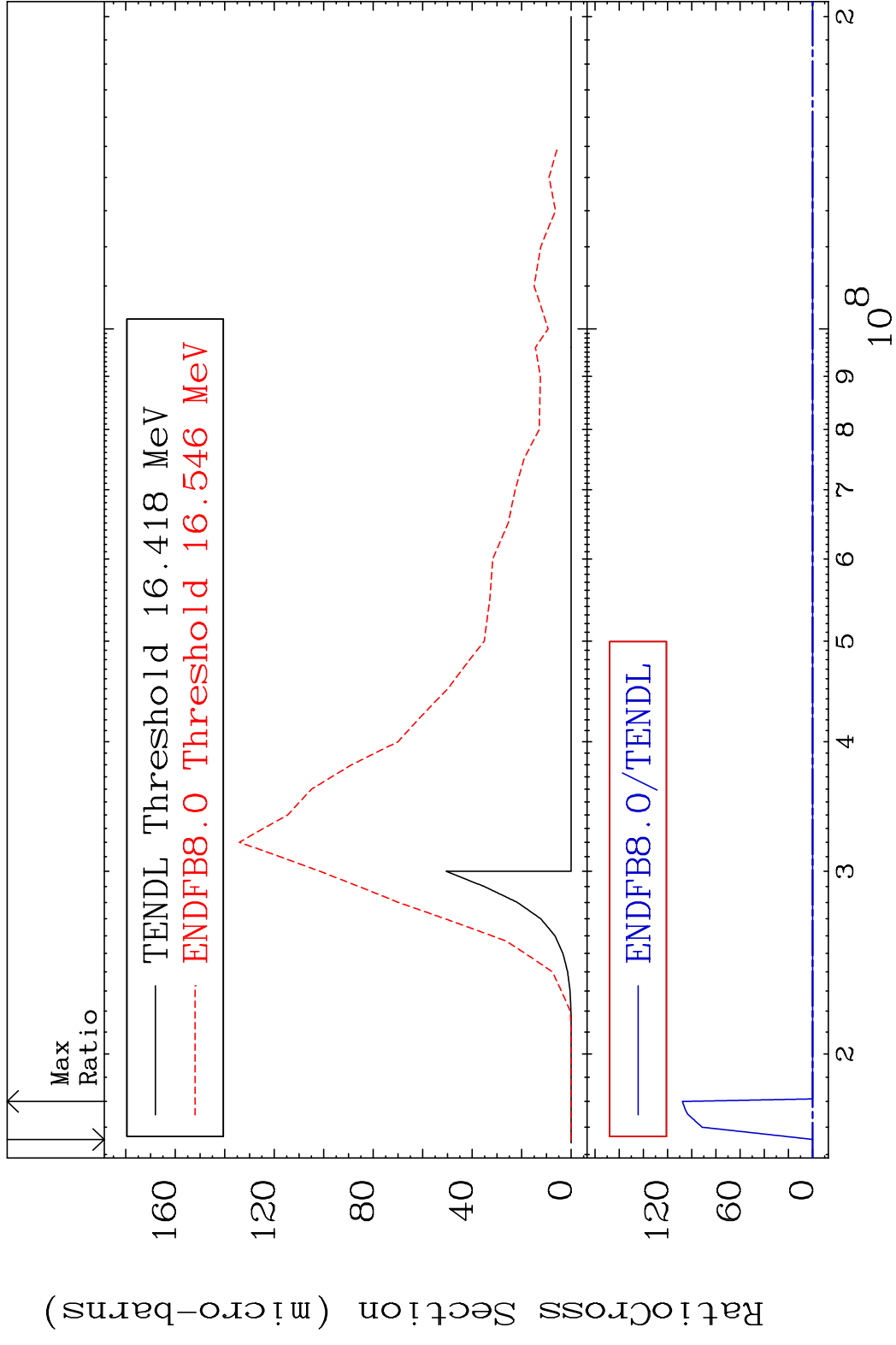


30 Incident Energy (eV) 26-Fe-58

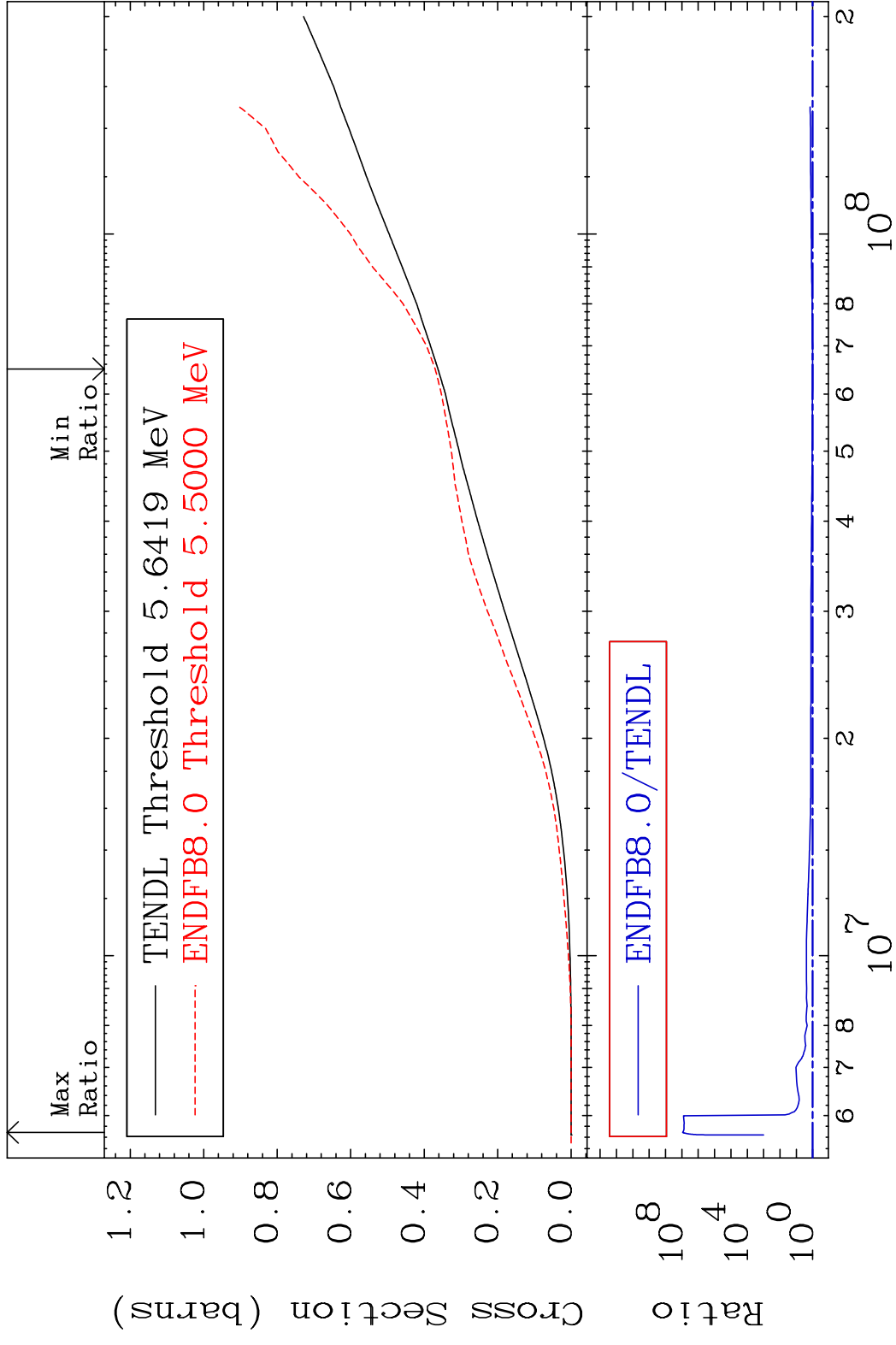
MAT 2637 (n, α) 26-Fe-58
 Cross Section -100.0 To 9999. %



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

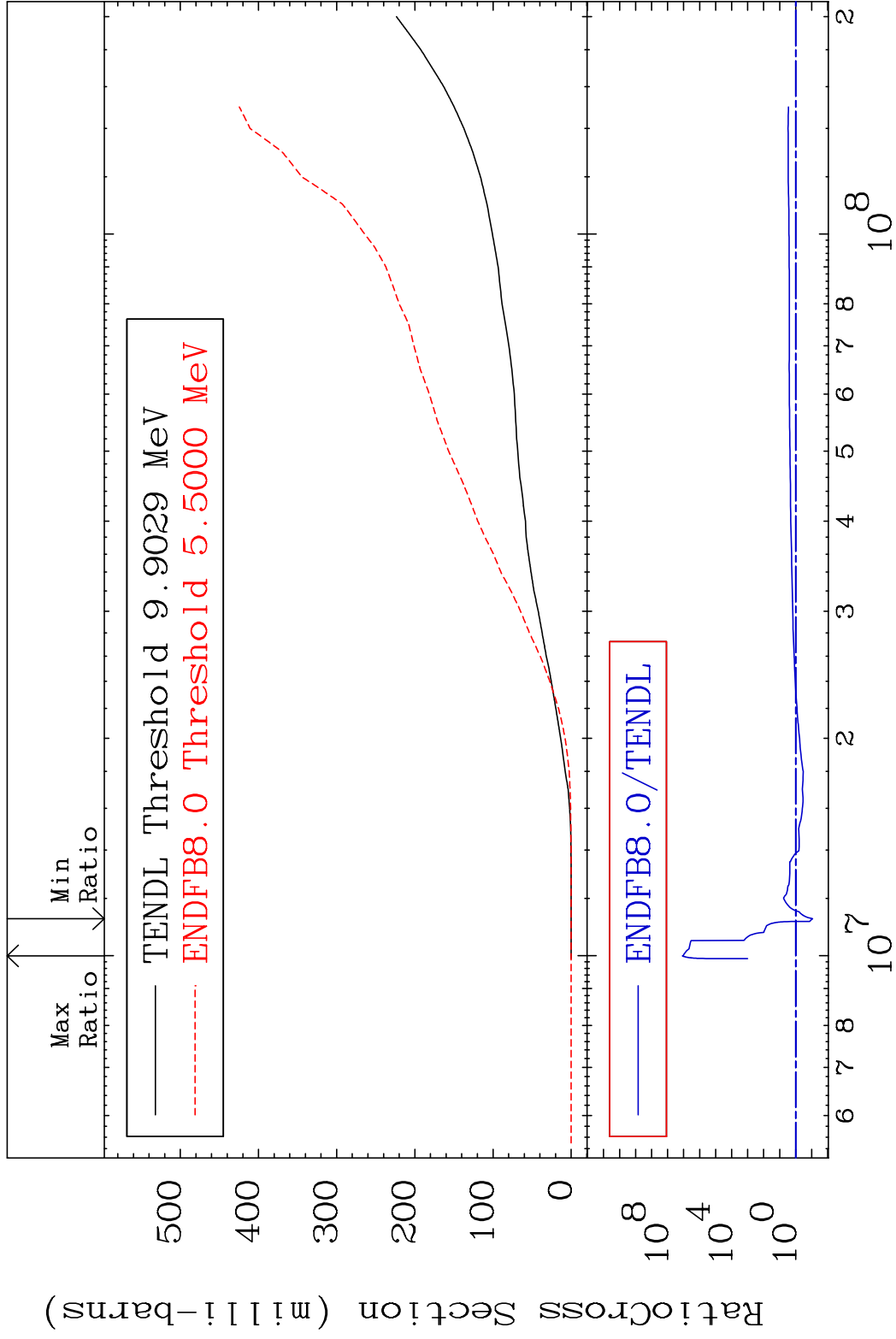


MAT 2637 Hydrogen Production 26-Fe-58
 Cross Section 2.106 To 9999. %



MAT 2637

Deuterium Production ²⁶Fe-58
Cross Section -91.14 To 9999. %



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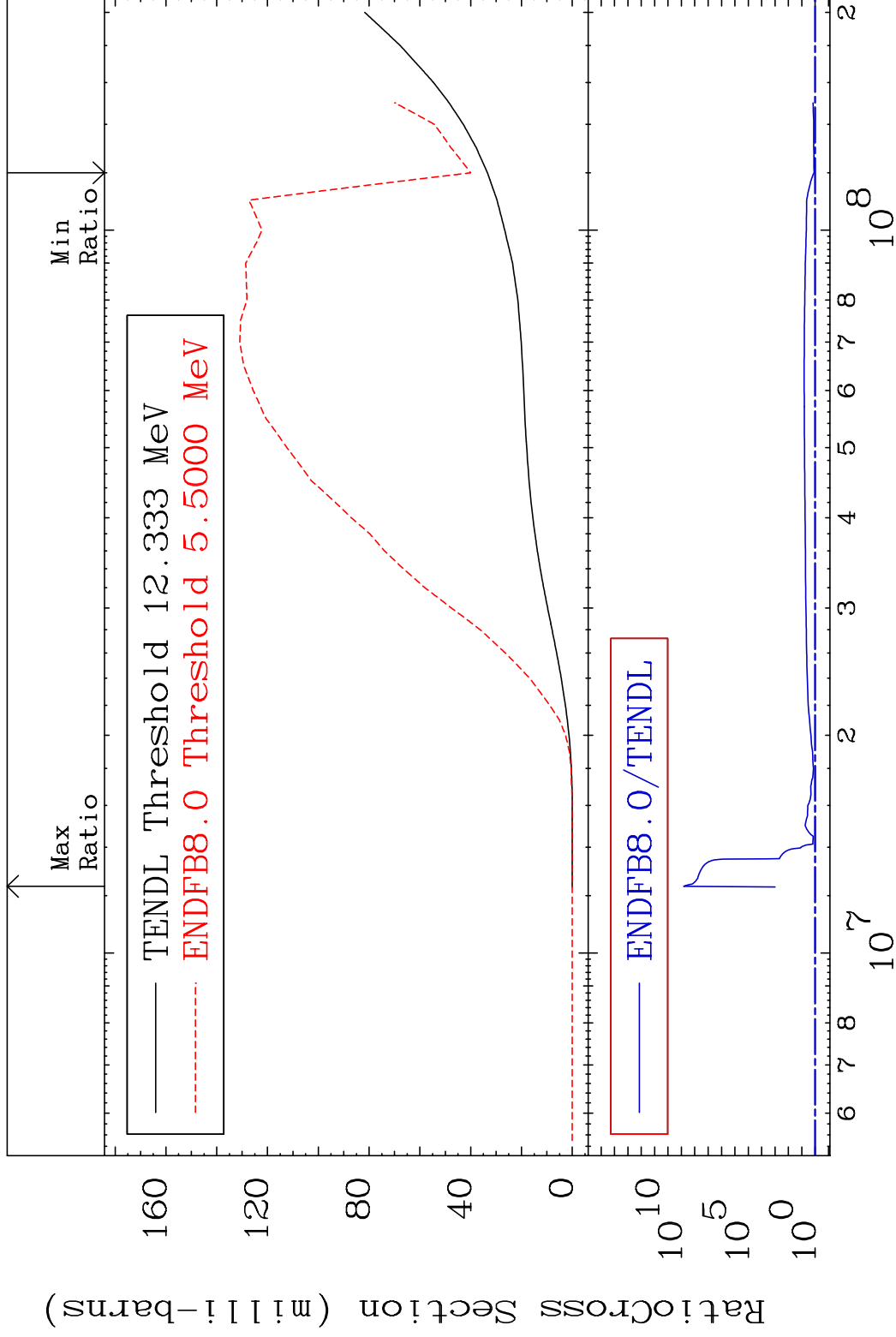
Incident Energy (eV) ²⁶Fe-58

MAT 2637

Tritium Production

26-Fe-58

Cross Section 19.78 To 9999. %



35

Incident Energy (eV)

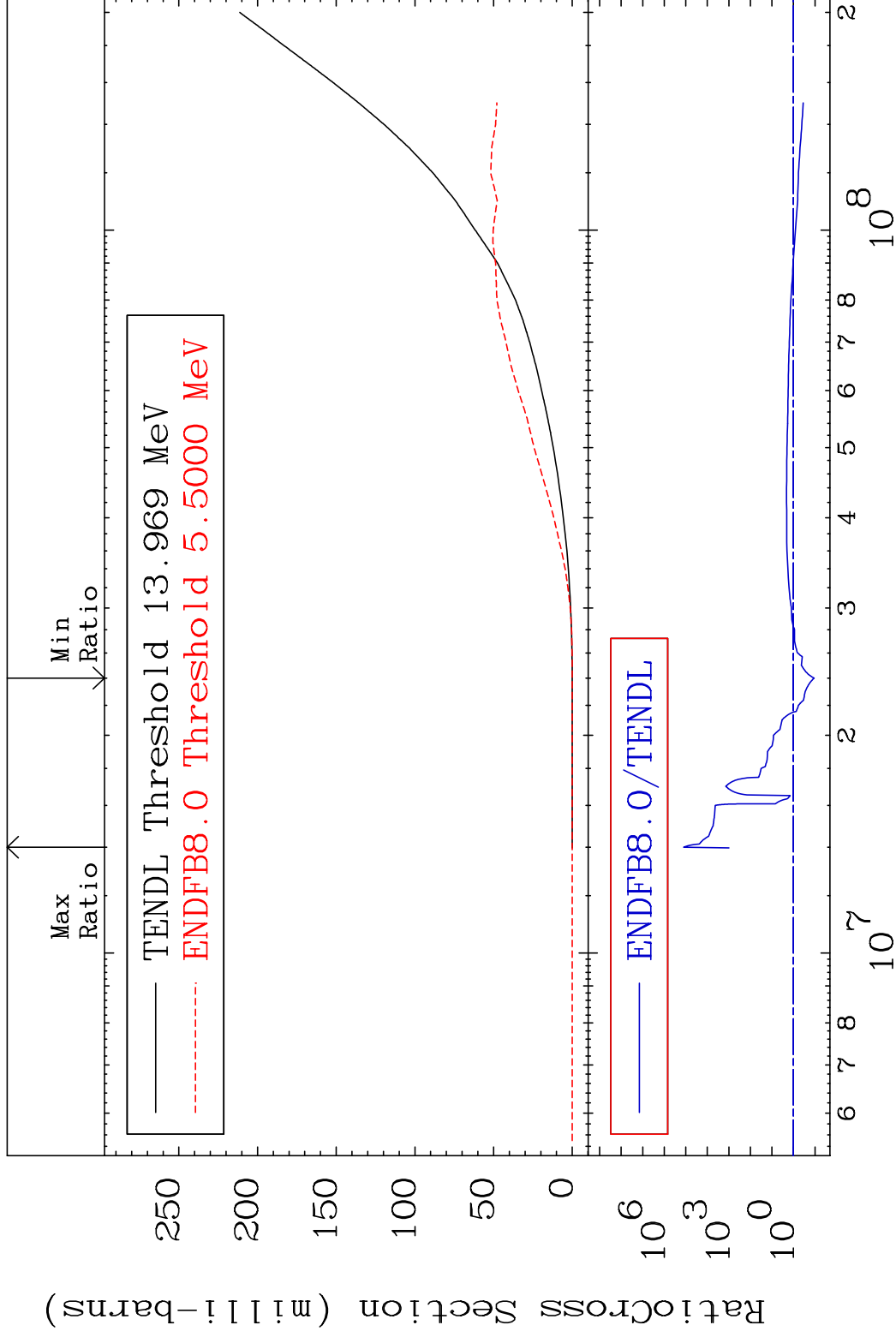
26-Fe-58

MAT 2637

He-3 Production

²⁶Fe-58

Cross Section -89.03 To 9999. %

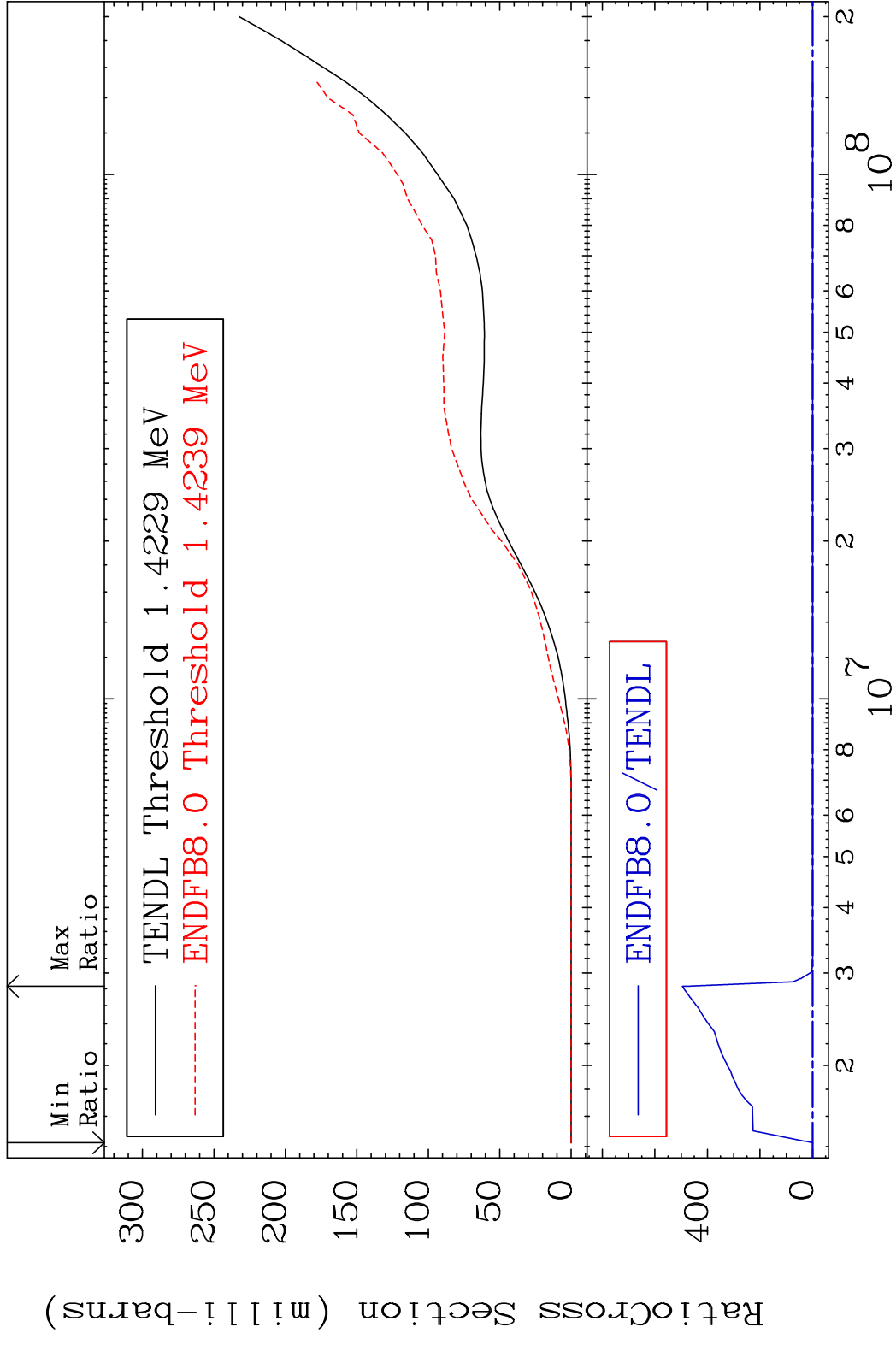


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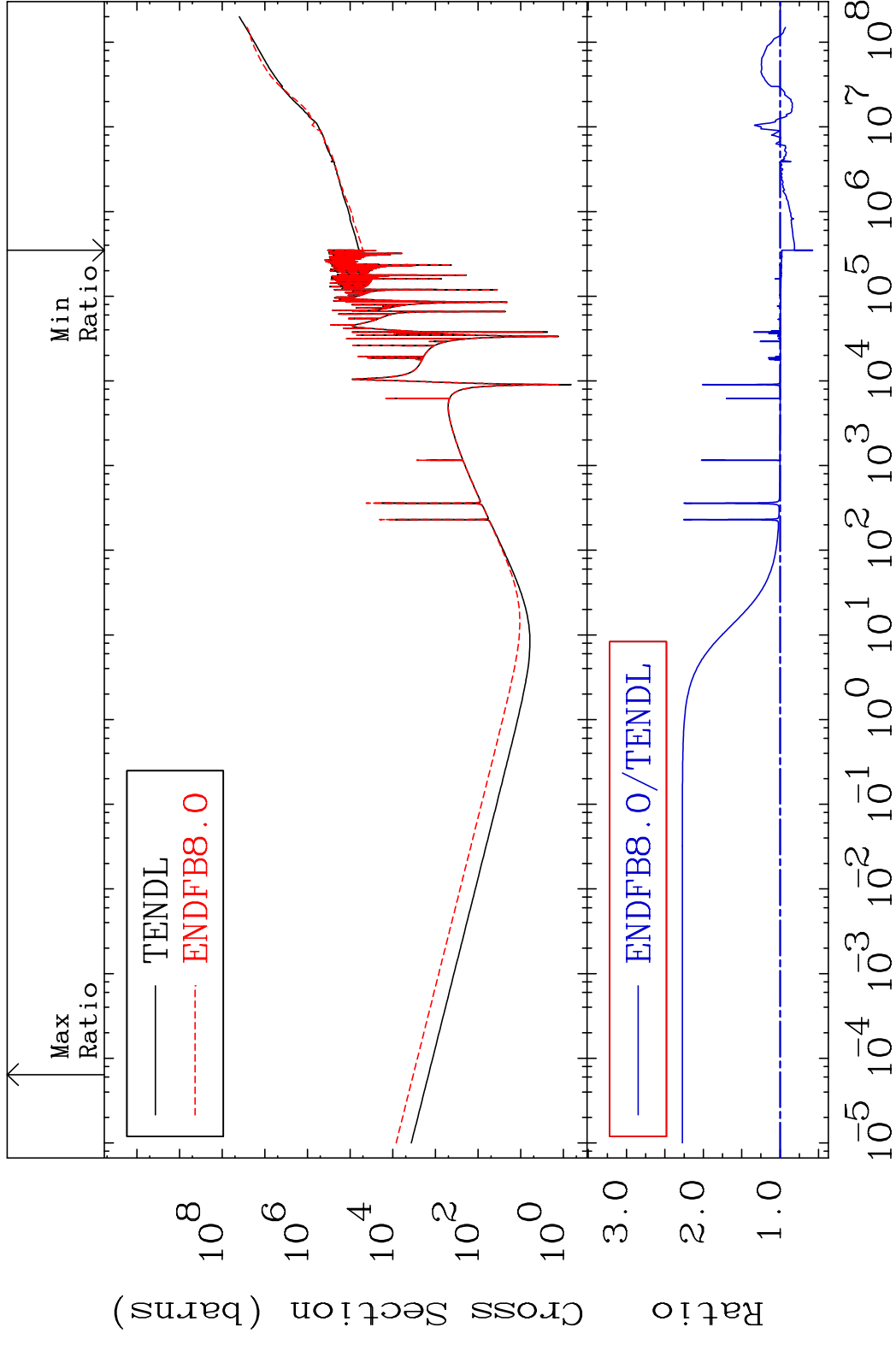
Incident Energy (eV)

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 -42.24 To 127.3 %

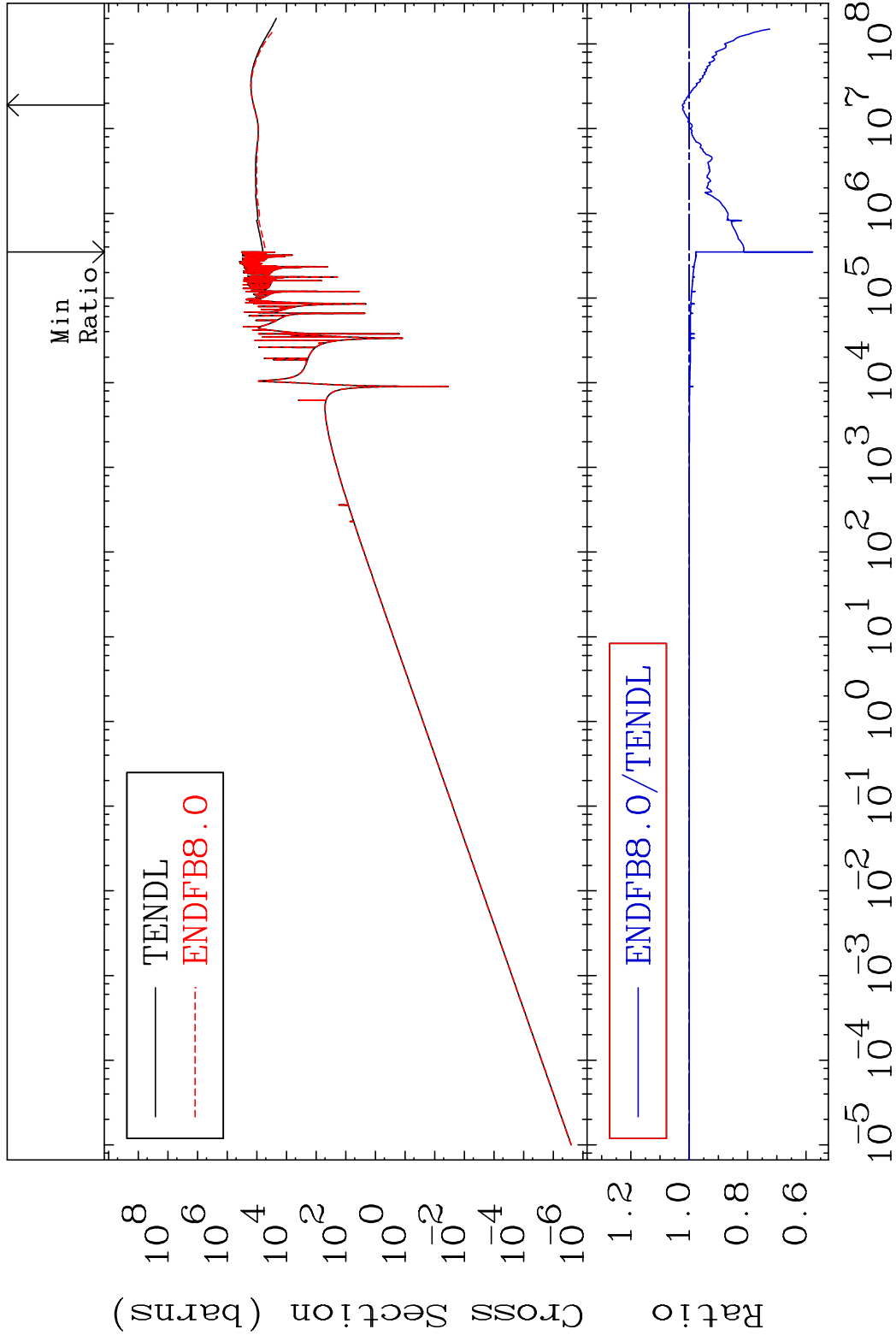


MAT 2637

Kerma elastic

26-Fe-58

Cross Section -42.24 To 2.366 %

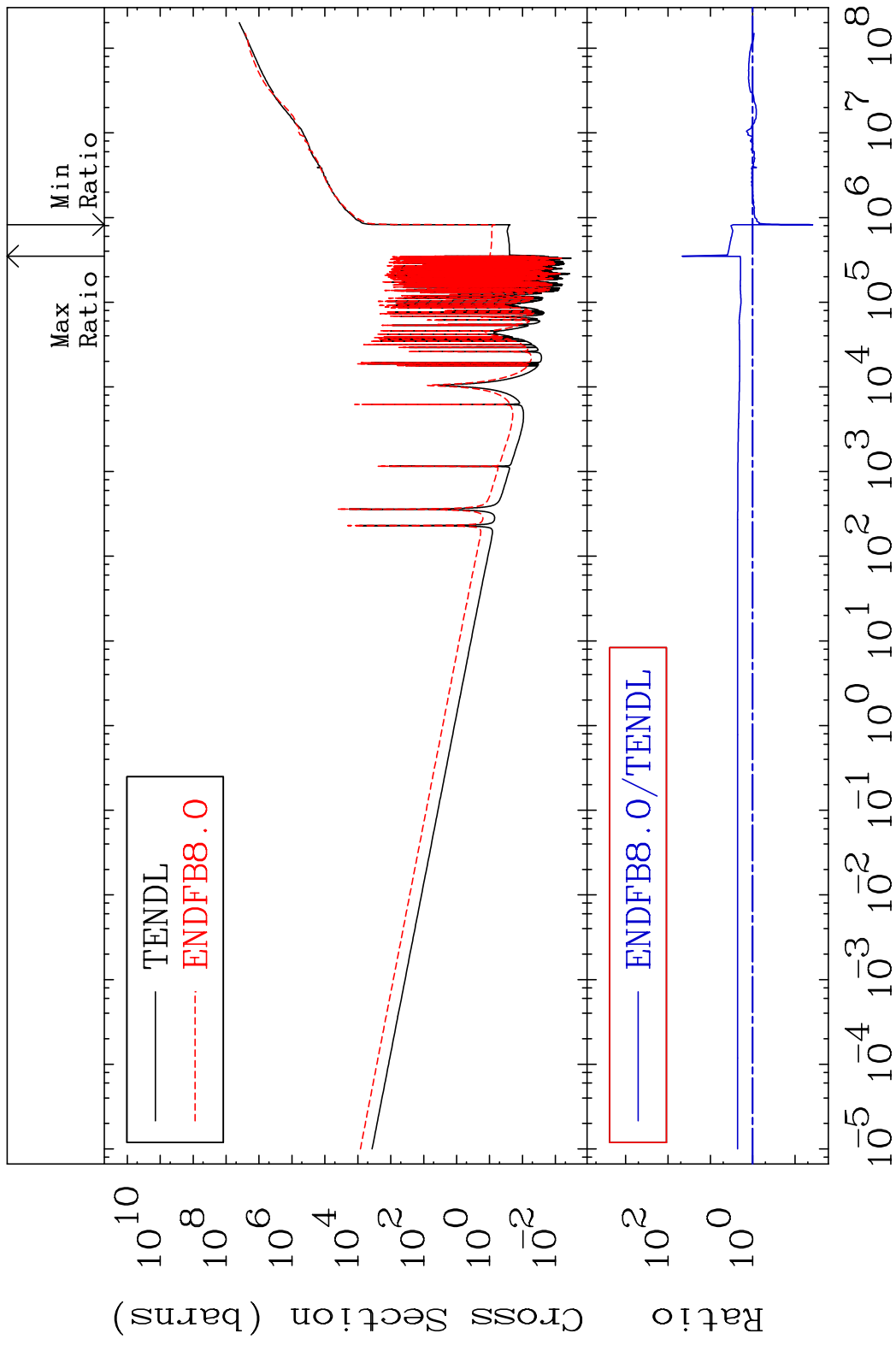


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Incident Energy (eV)

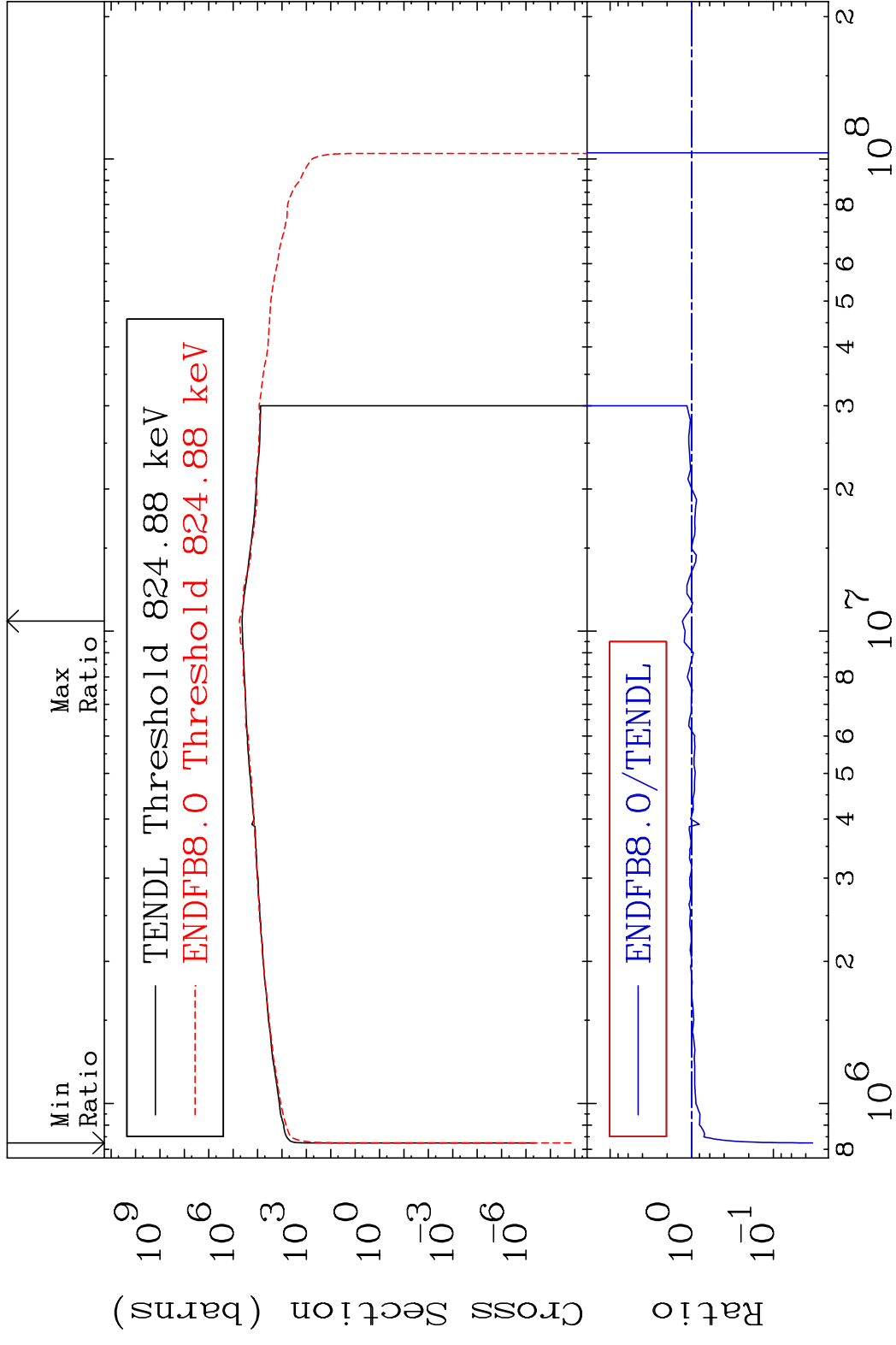
26-Fe-58

MAT 2637 Kerma non-elastic (all but mt2) 26-Fe-58
 Cross Section -96.13 To 4475. %

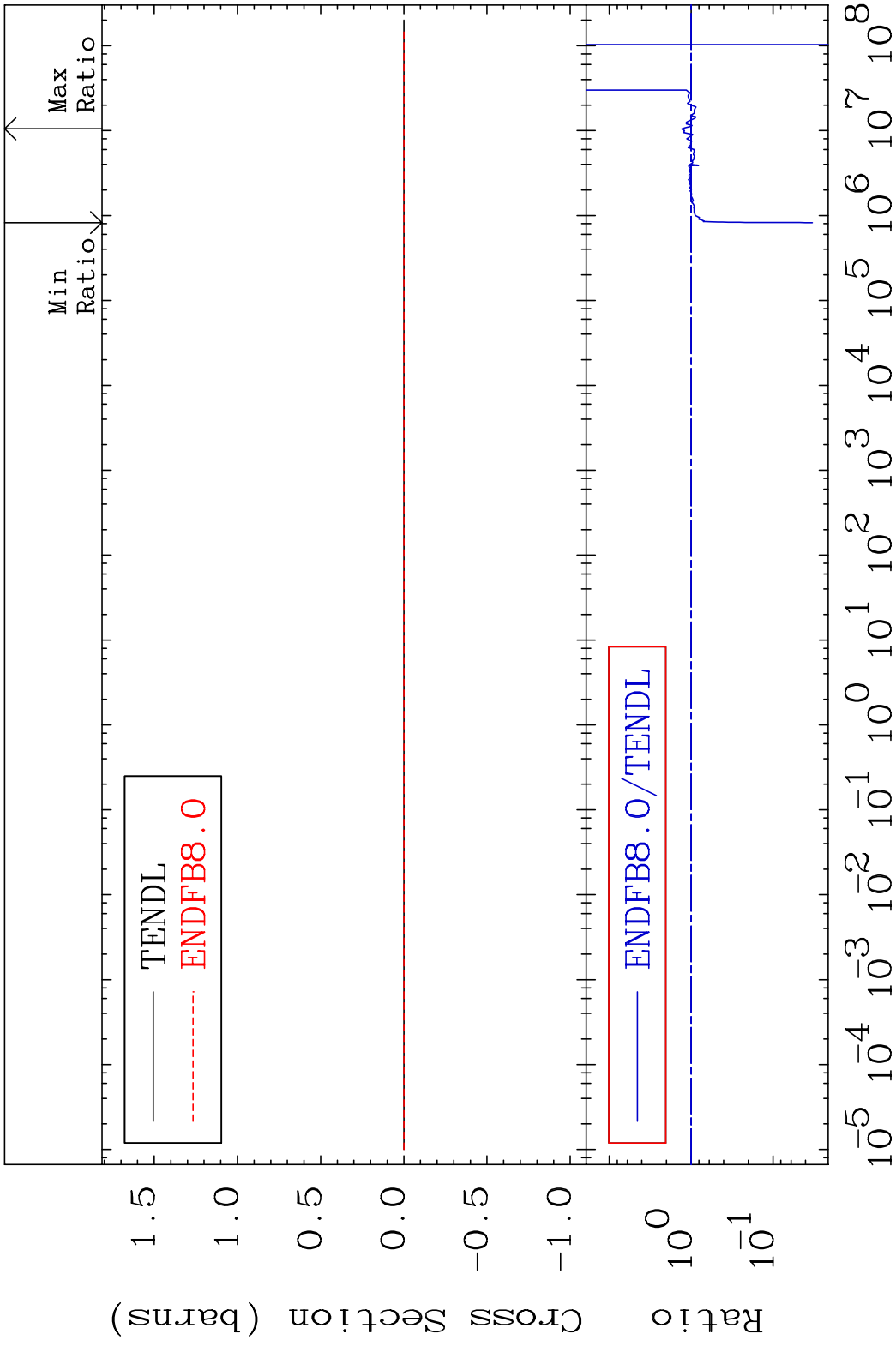


40 Incident Energy (eV) 26-Fe-58

MAT 2637 Kerma inelastic (mt51-91) 26-Fe-58
 Cross Section -96.70 To 30.10 %



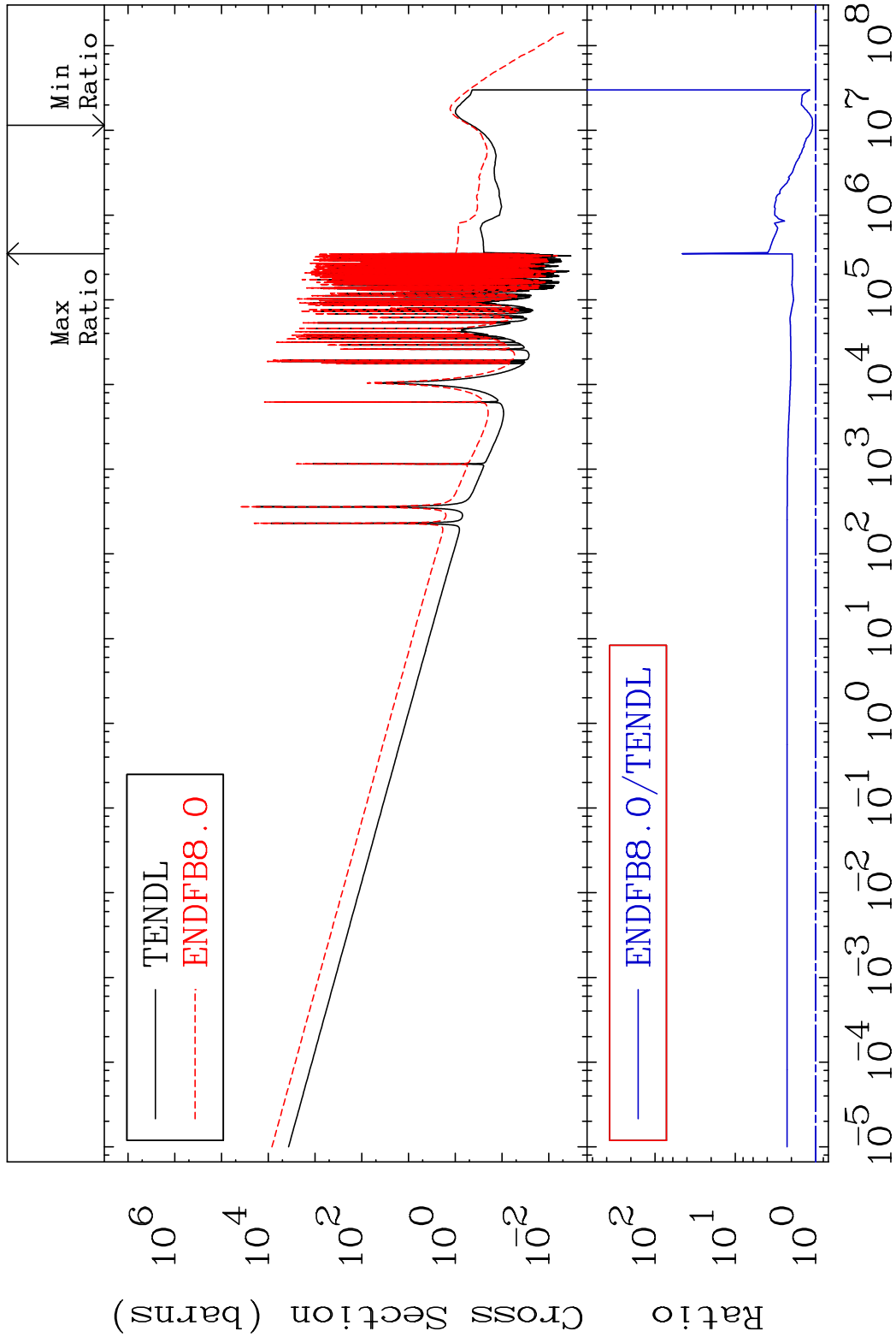
MAT 2637 Kerma fission (mt18 or mt19-20-21-38) 26-Fe-58
 Cross Section -96.70 To 30.10 %



MAT 2637

Kerma capture (mt102) 26-Fe-58

Cross Section 9.236 To 4475. %



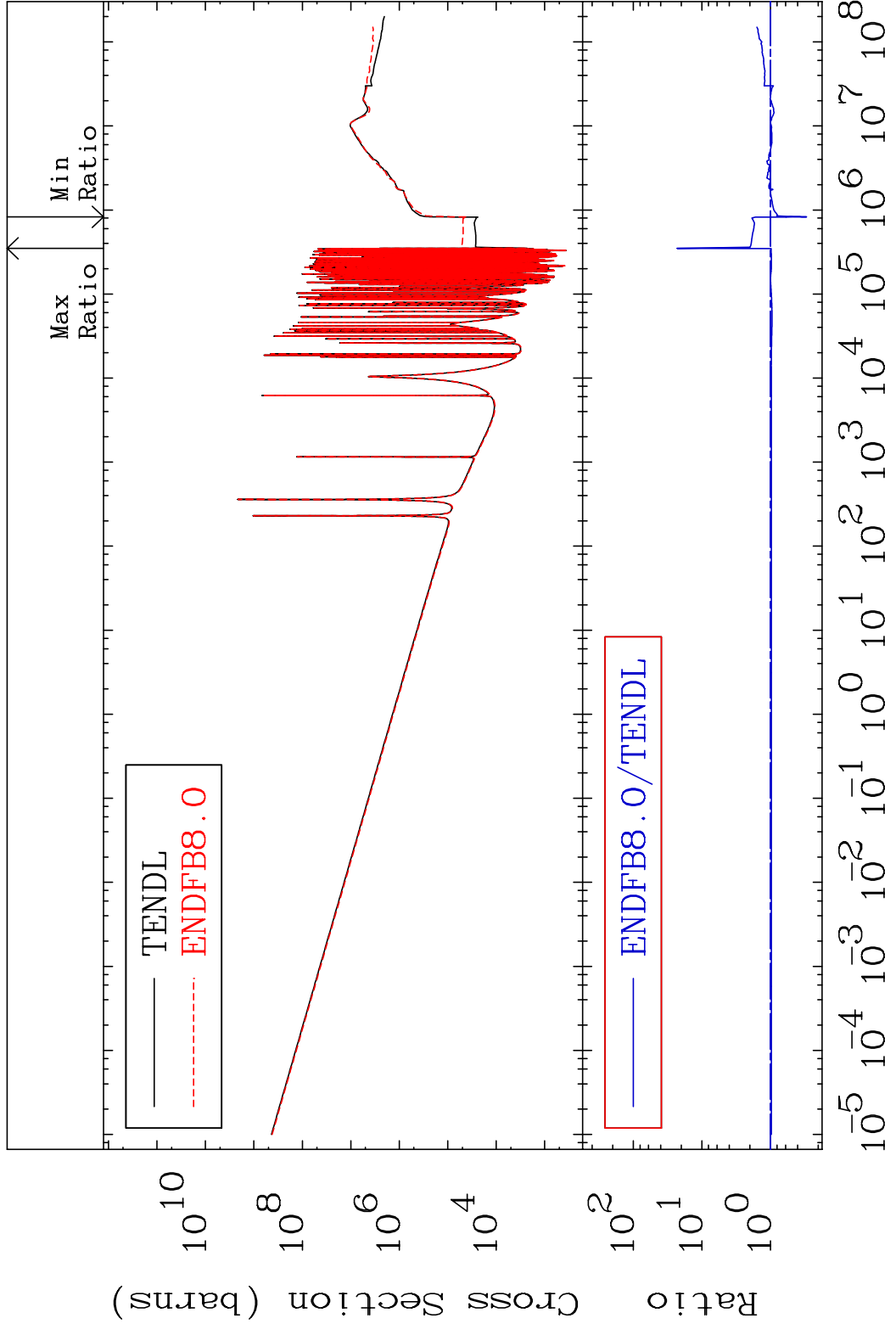
43

Incident Energy (eV)

26-Fe-58

MAT 2637

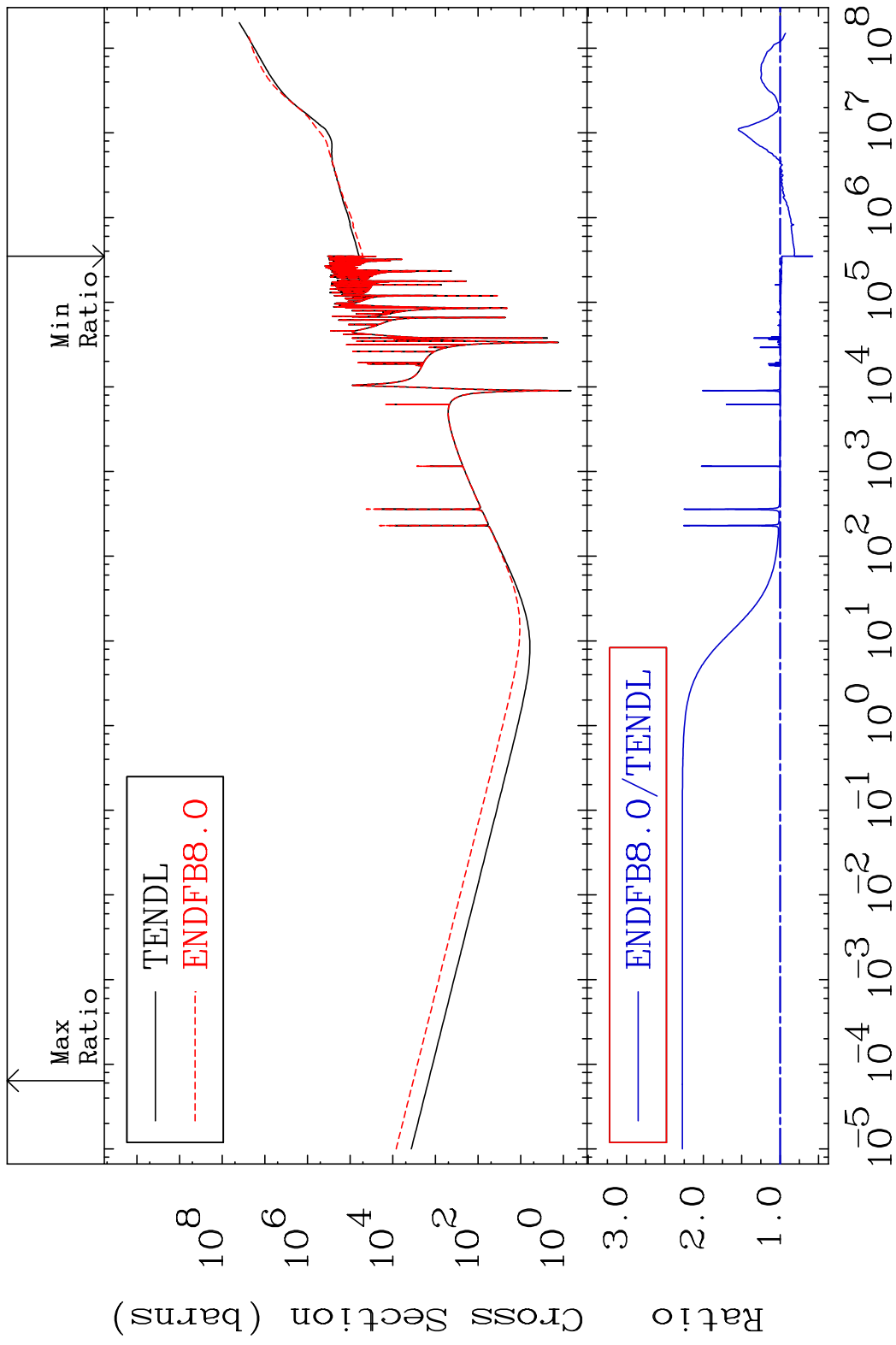
Total photon (eV-barns) 26-Fe-58
Cross Section -70.14 To 2194. %



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Incident Energy (eV) 26-Fe-58

MAT 2637 Total kinematic kerma (high limit) 26-Fe-58
 Cross Section -42.24 To 127.3 %

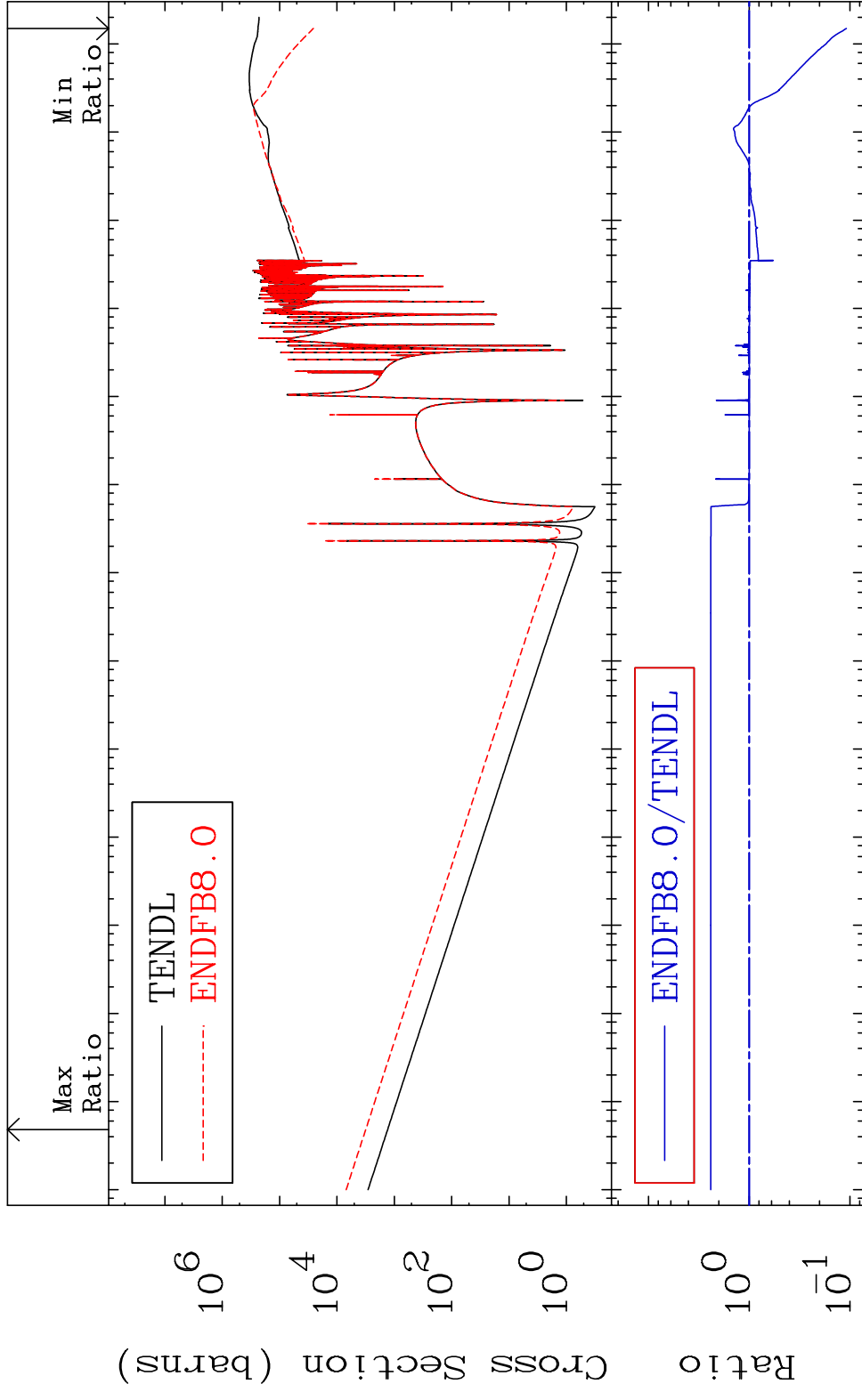


MAT 2637

Dpa total (eV-barns)

26-Fe-58

Cross Section -89.14 To 140.8 %

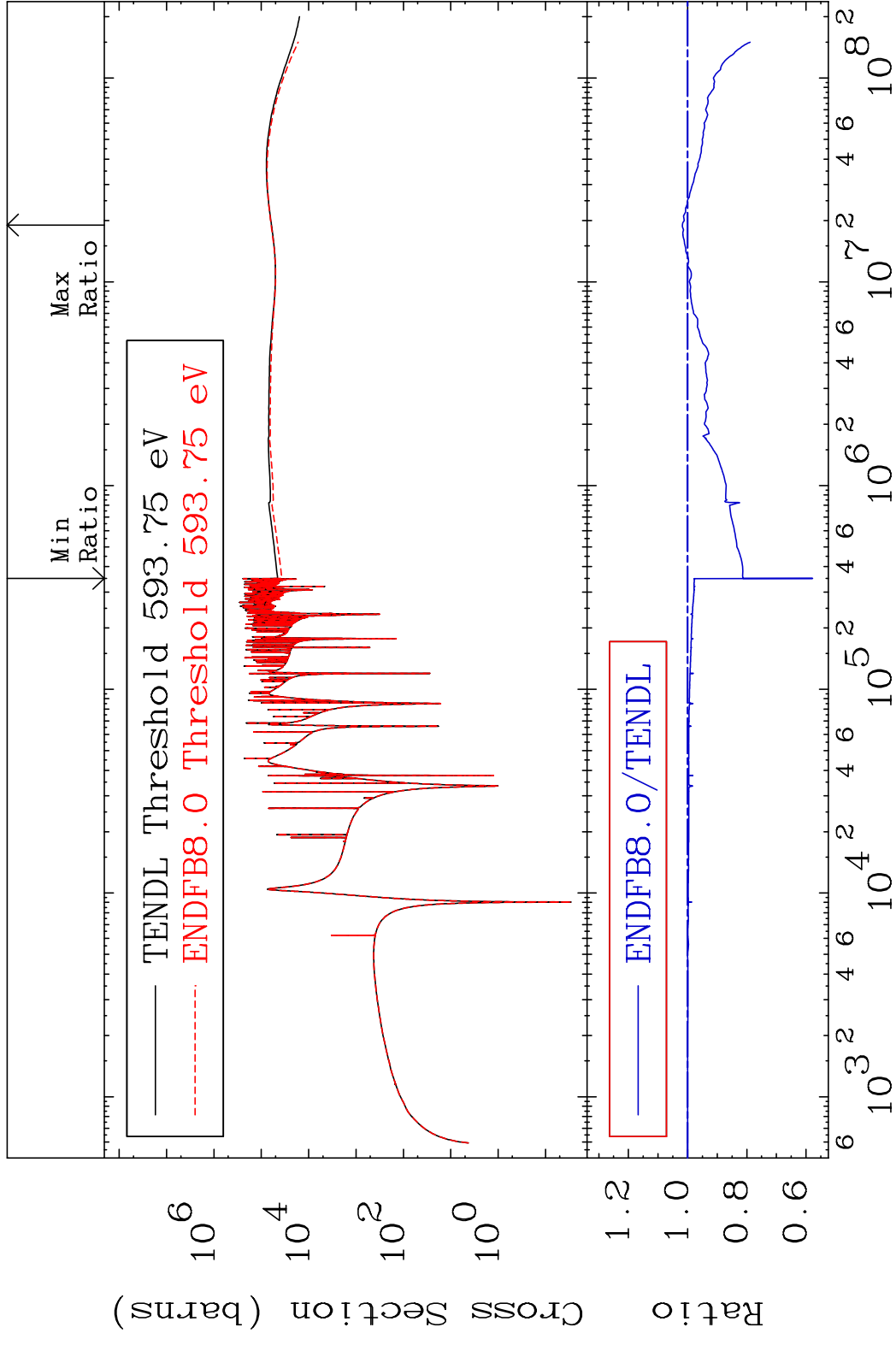


46

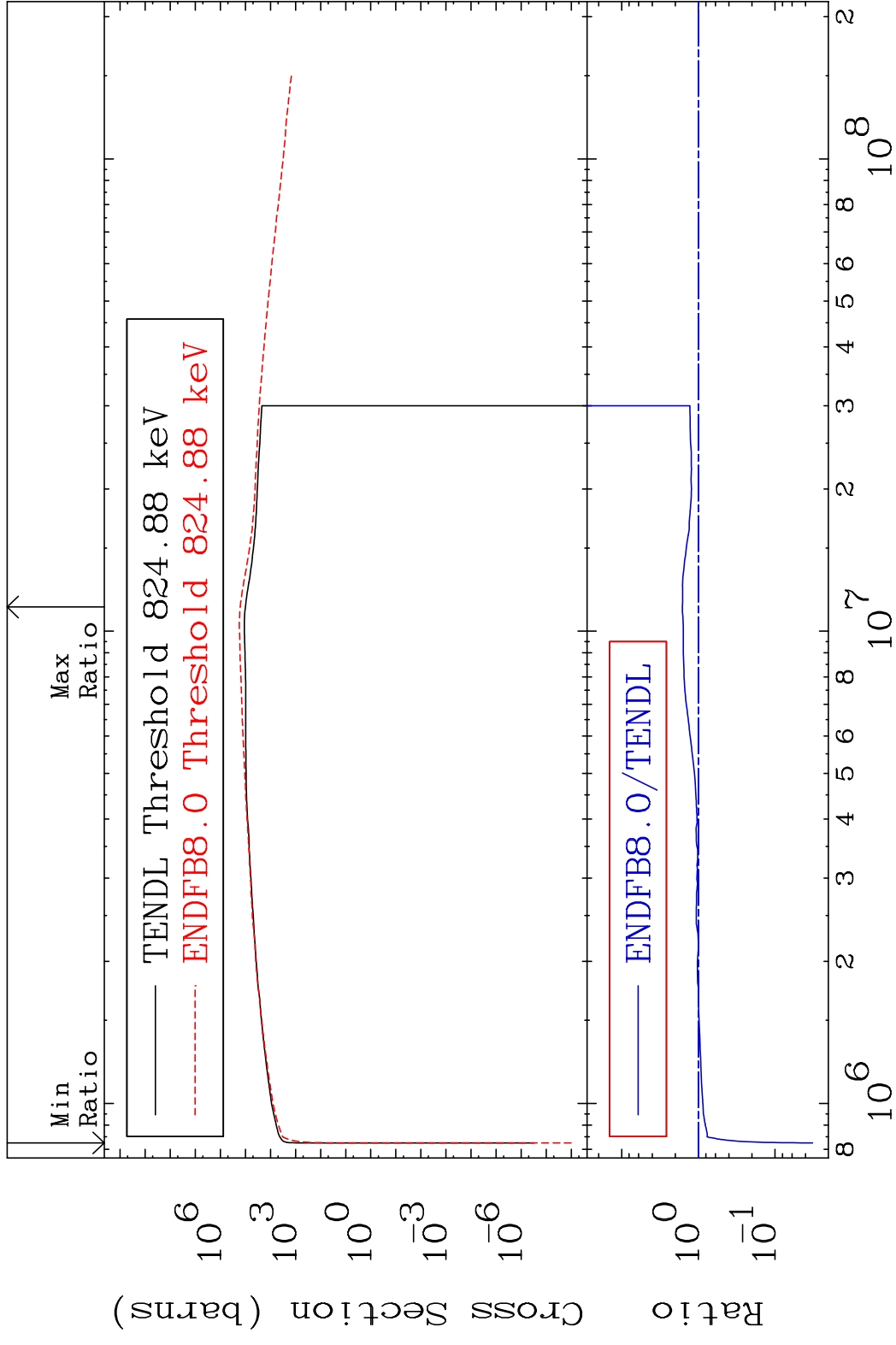
Incident Energy (eV)

26-Fe-58

MAT 2637 Dpa elastic (mt2) 26-Fe-58
 Cross Section -42.21 To 1.781 %

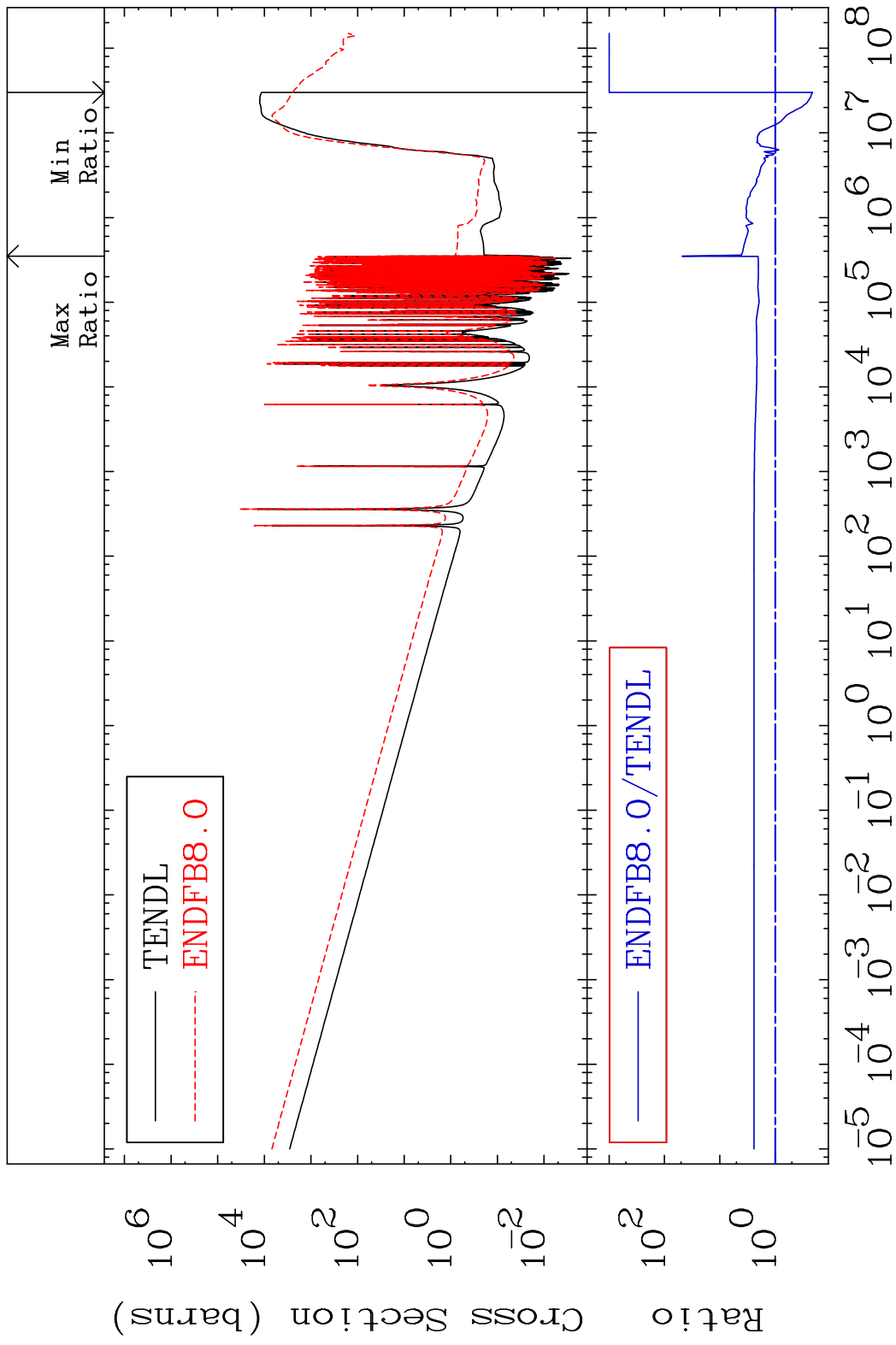


MAT 2637 Dpa inelastic (mt51-91) 26-Fe-58
 Cross Section -96.76 To 61.75 %



48 Incident Energy (eV) 26-Fe-58

MAT 2637 Dpa disappearance (mt102 -120) 26-Fe-58
 Cross Section -78.92 To 4643. %



MAT 2637 (n,p):25-Mn-58g 26-Fe-58
 Radionuclide Production Cross Section 18000 dth 225.6 %

