

Program Complot
(Version 2021-1)

by

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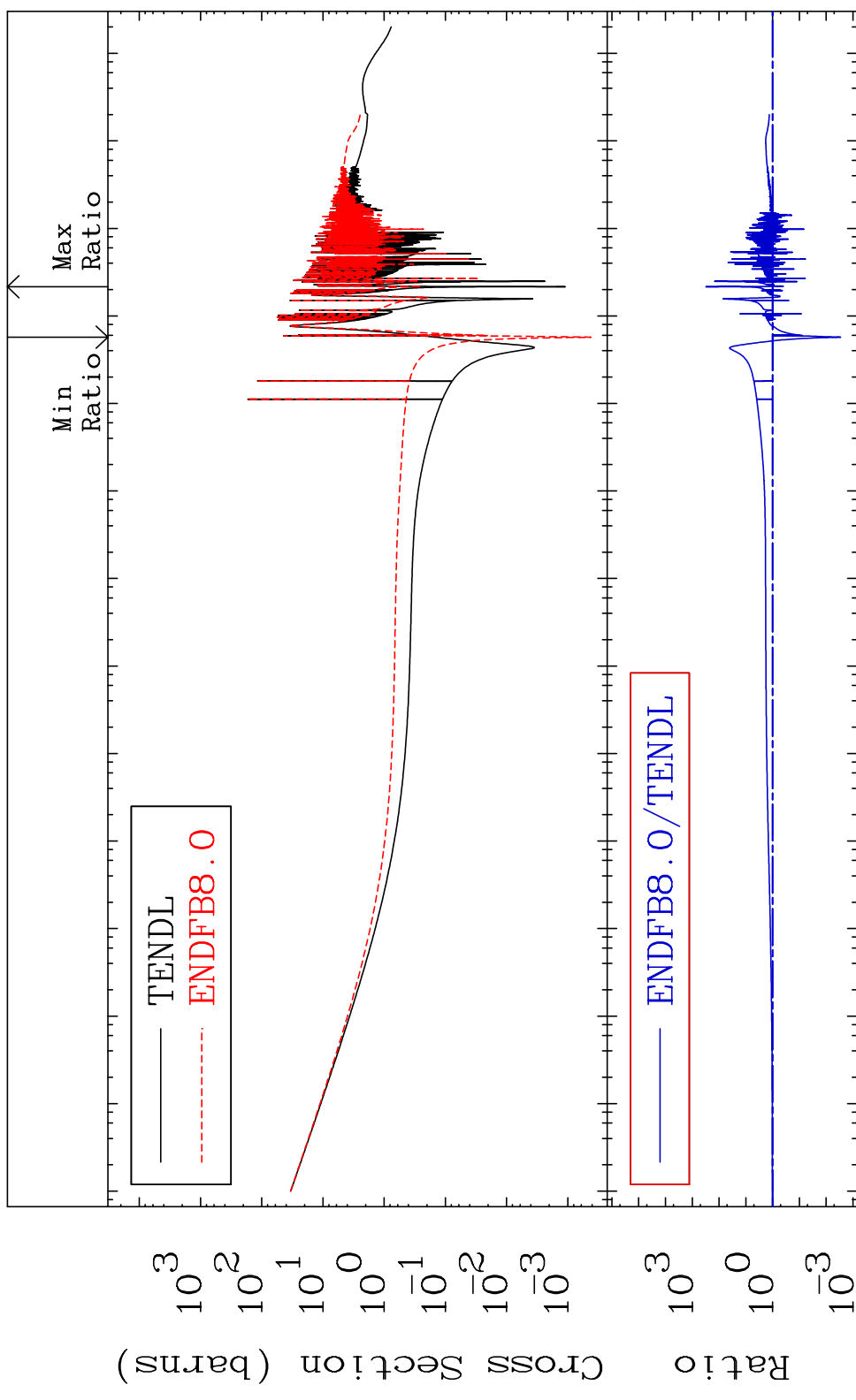
Press Mouse Button to Start

MAT 1837

Total

18-Ar-40

Cross Section -99.71 To 9999. %



1

Incident Energy (eV)

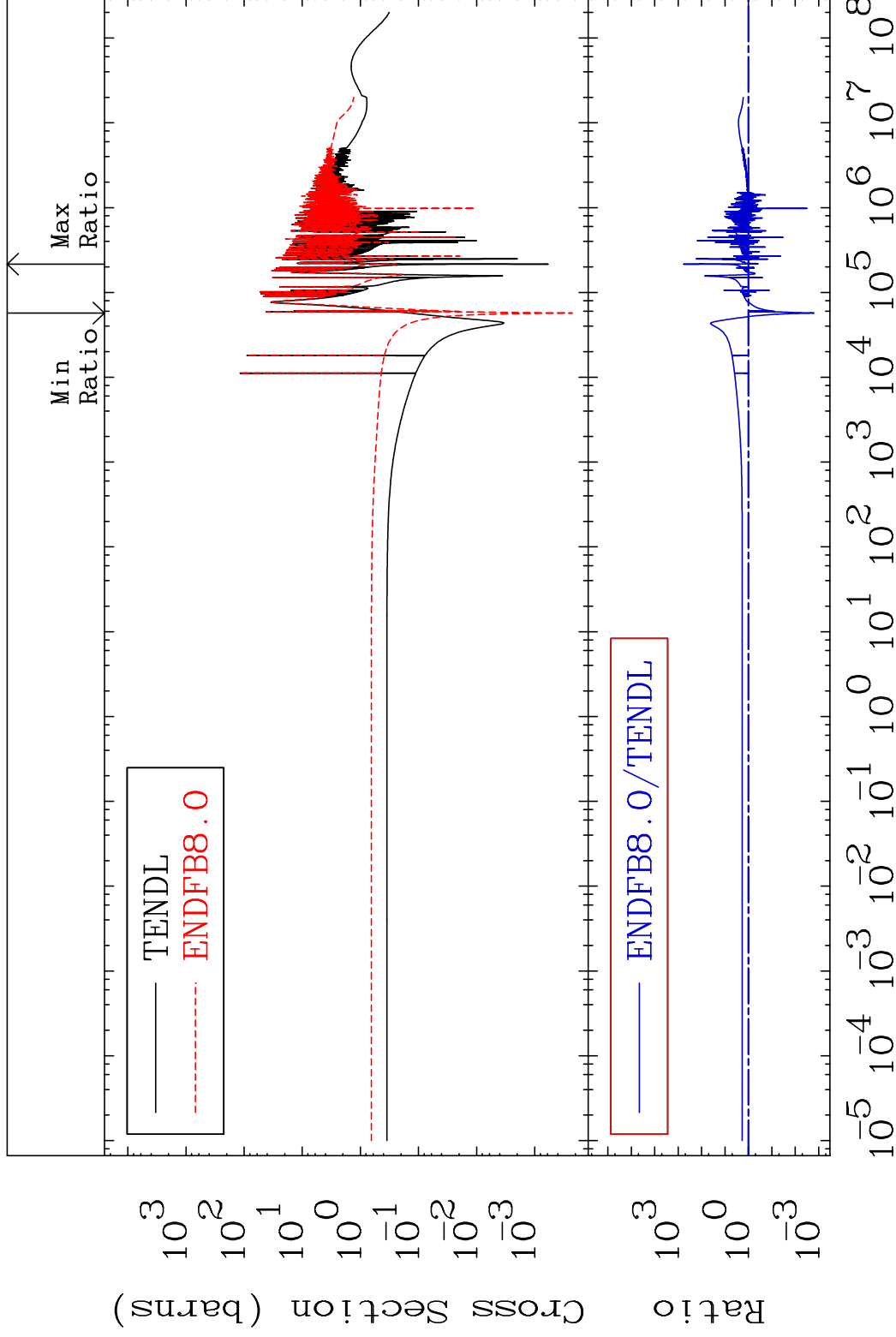
18-Ar-40

MAT 1837

Elastic

18-Ar-40

Cross Section -99.84 To 9999. %



2

Incident Energy (eV)

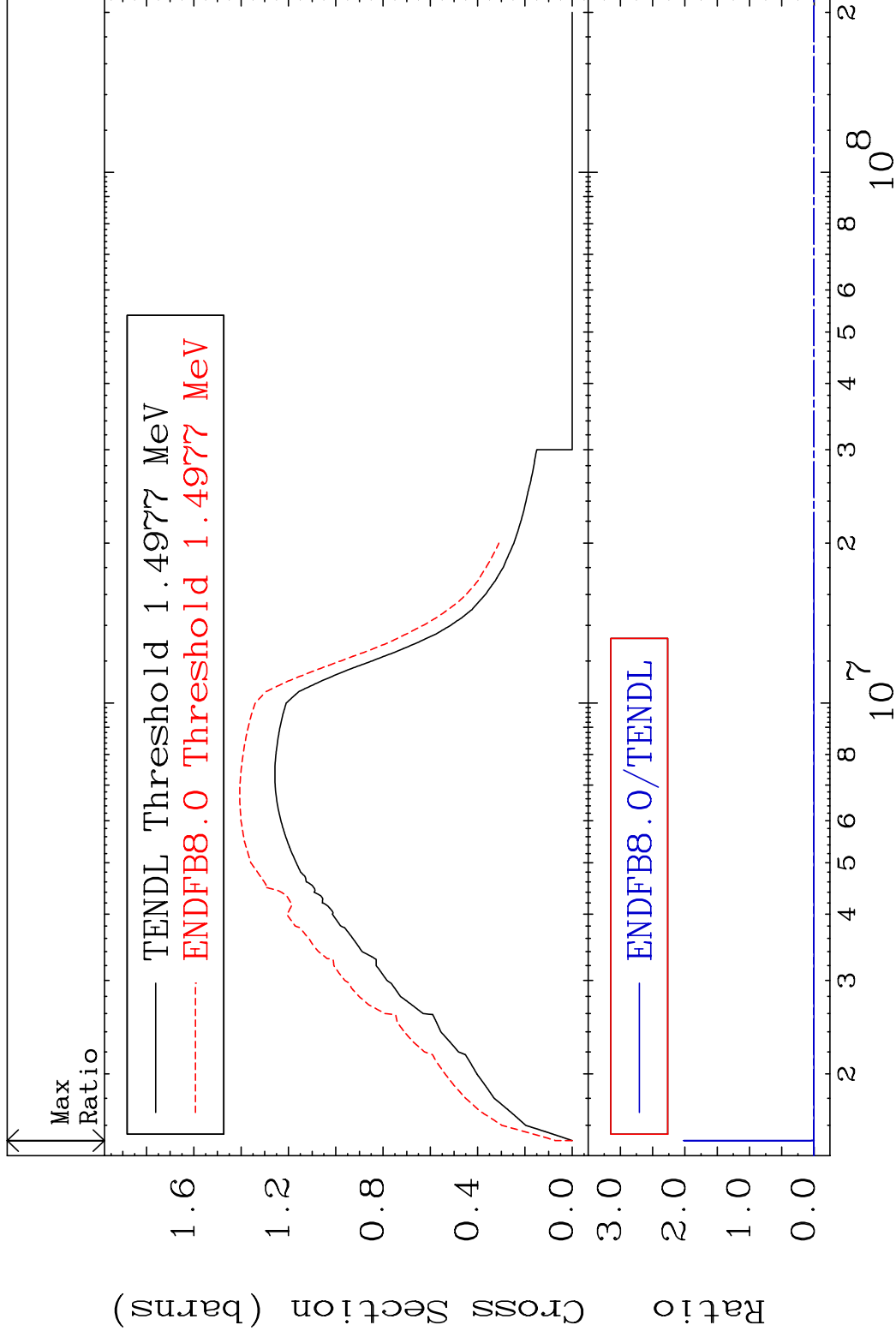
18-Ar-40

MAT 1837

Inelastic

18-Ar-40

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

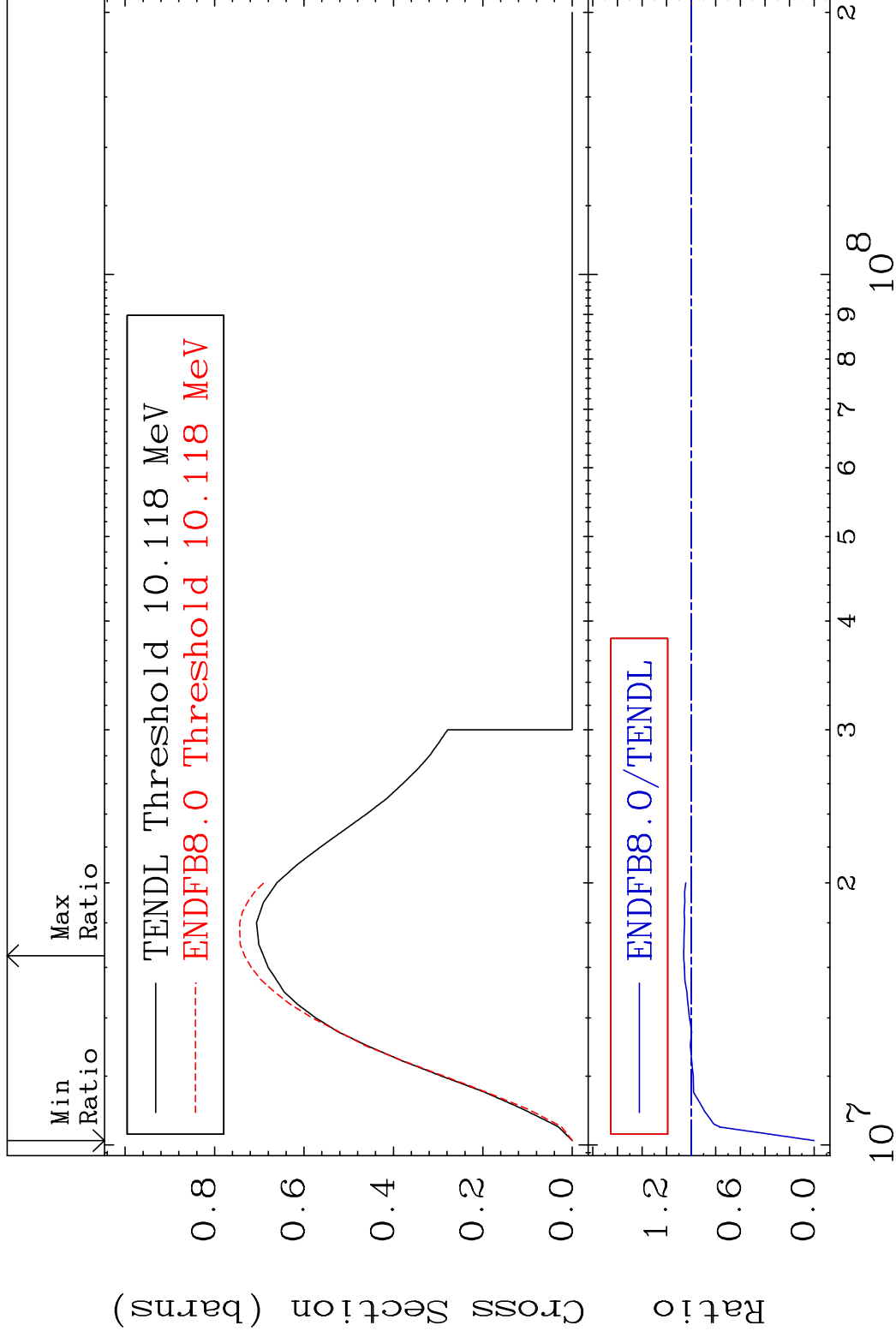
18-Ar-40

MAT 1837

(n,2n)

18-Ar-40

Cross Section -100.0 To 6.121 %

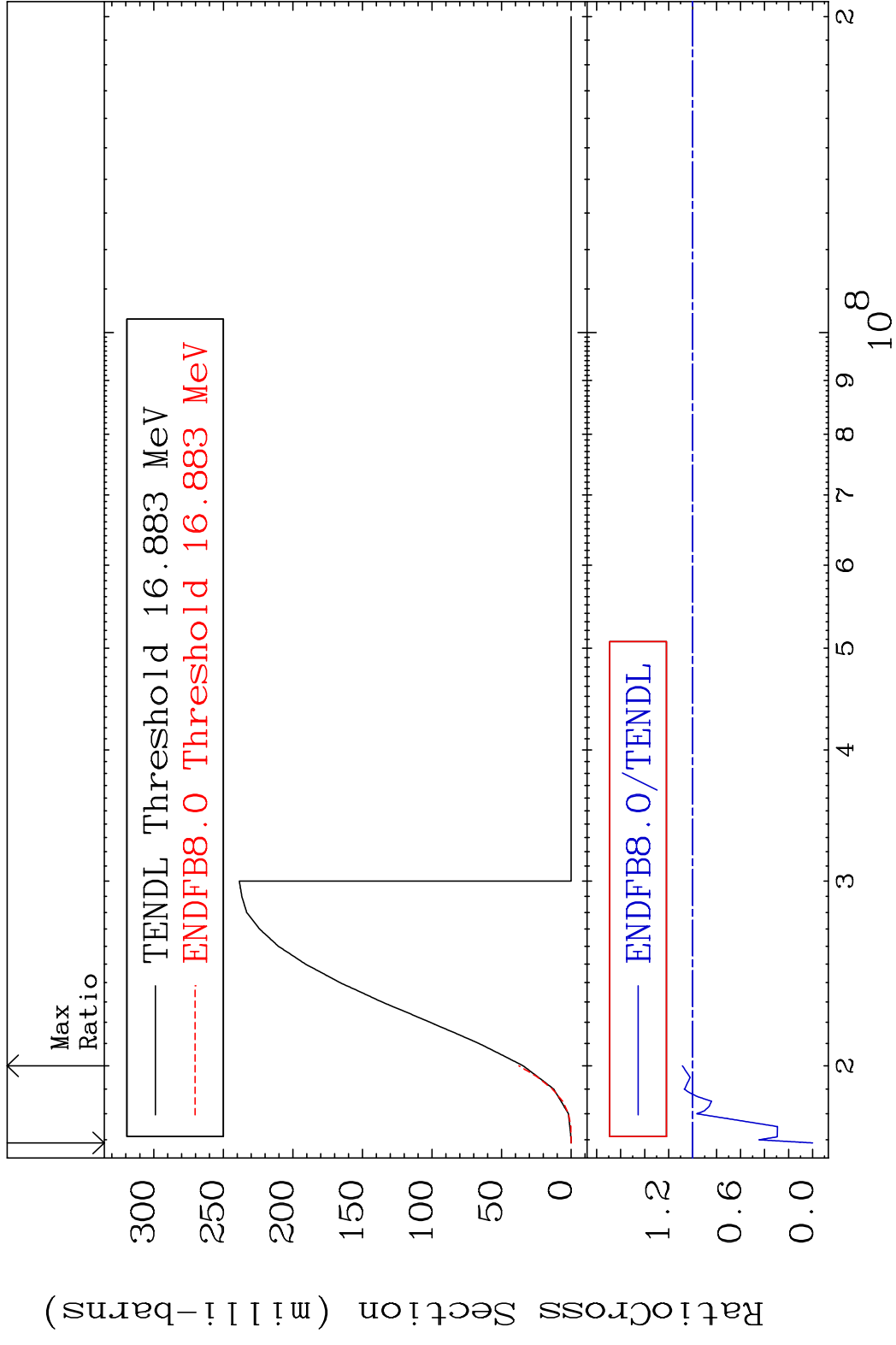


4

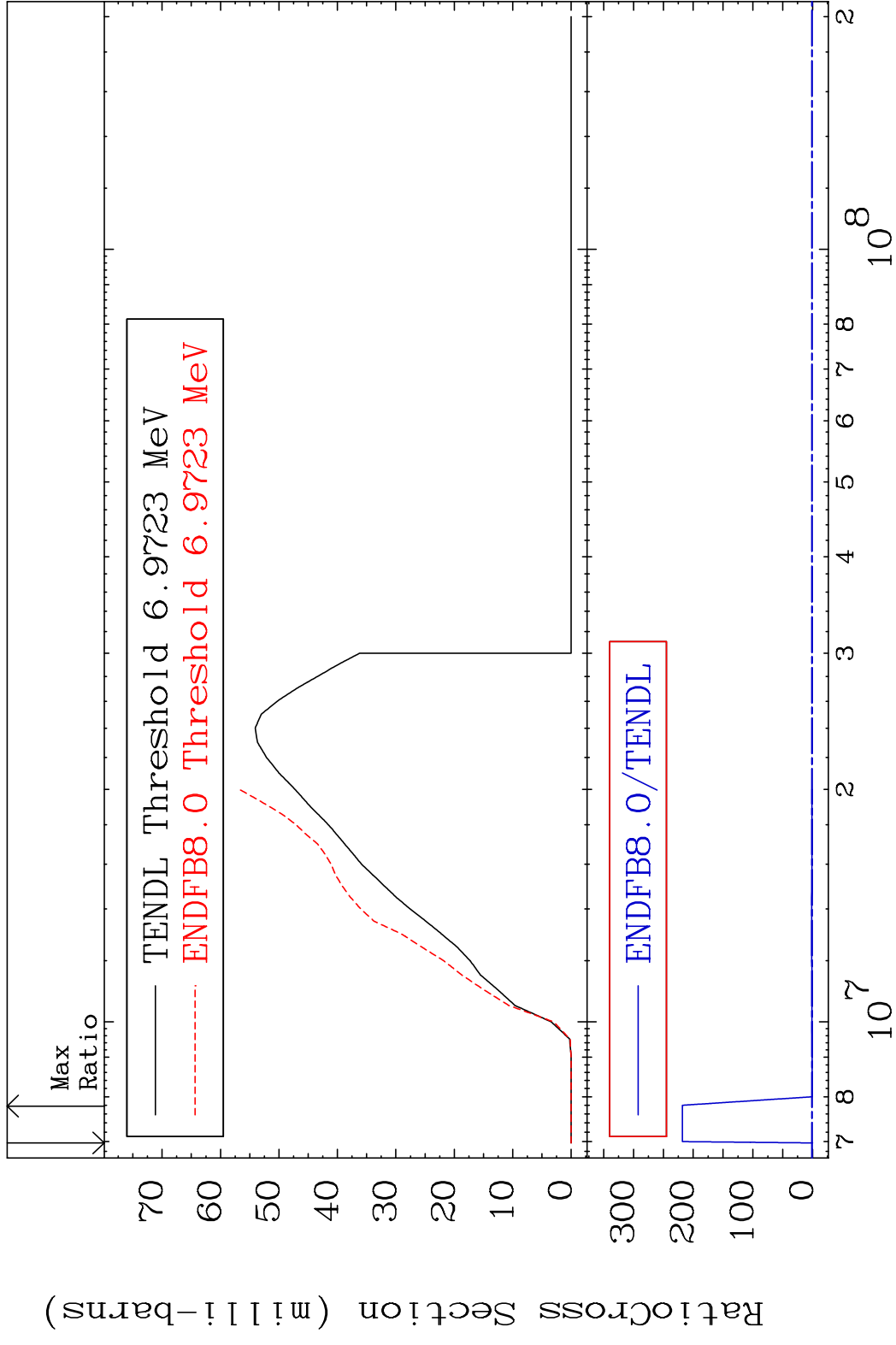
Incident Energy (eV)

18-Ar-40

MAT 1837 (n,3n) 18-Ar-40
 Cross Section -100.0 To 8.574 %



MAT 1837 (n, n') α 18-Ar-40
 Cross Section -100.0 To 9999. %

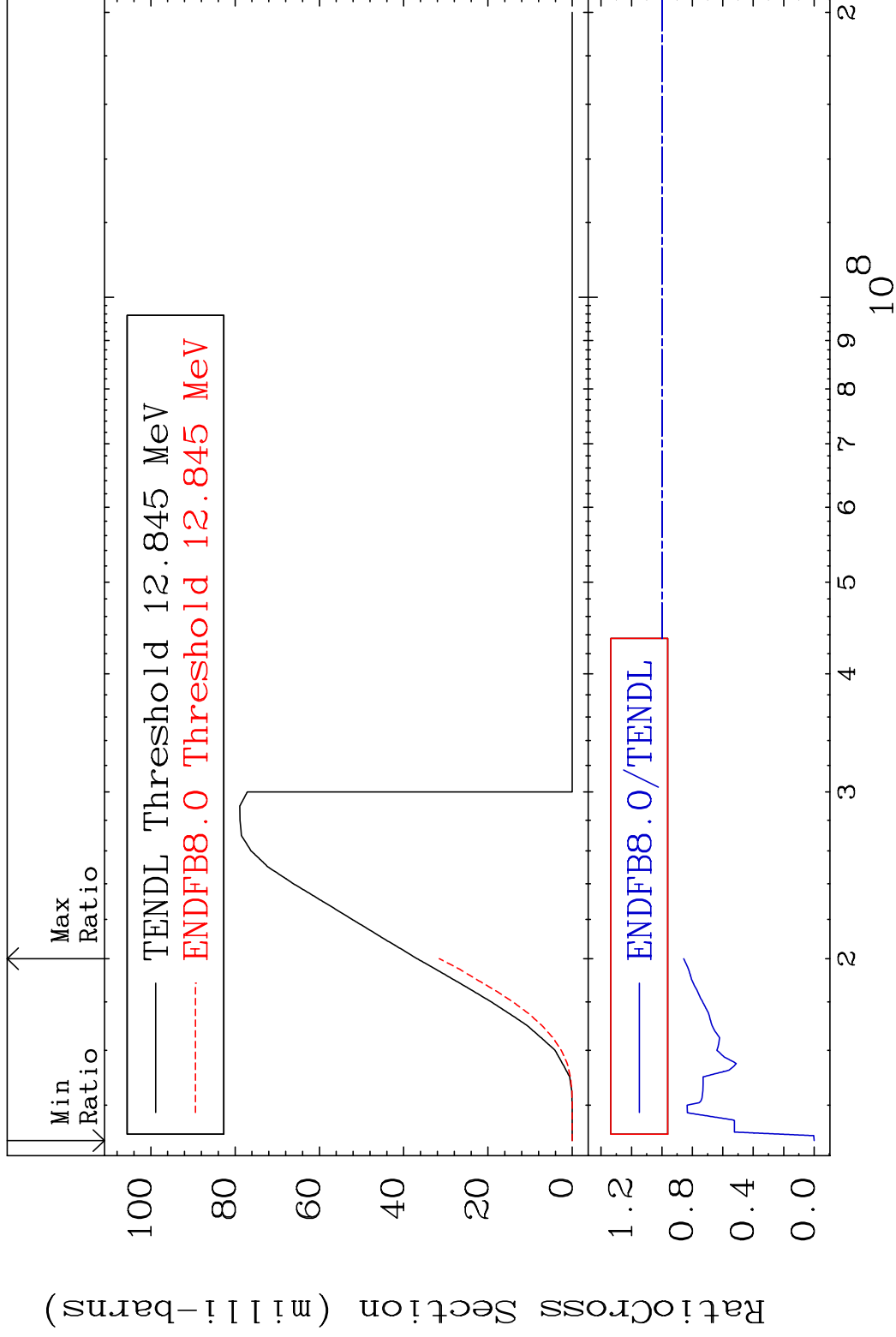


MAT 1837

(n, n') p

18-Ar-40

Cross Section -100.0 To -14.27%

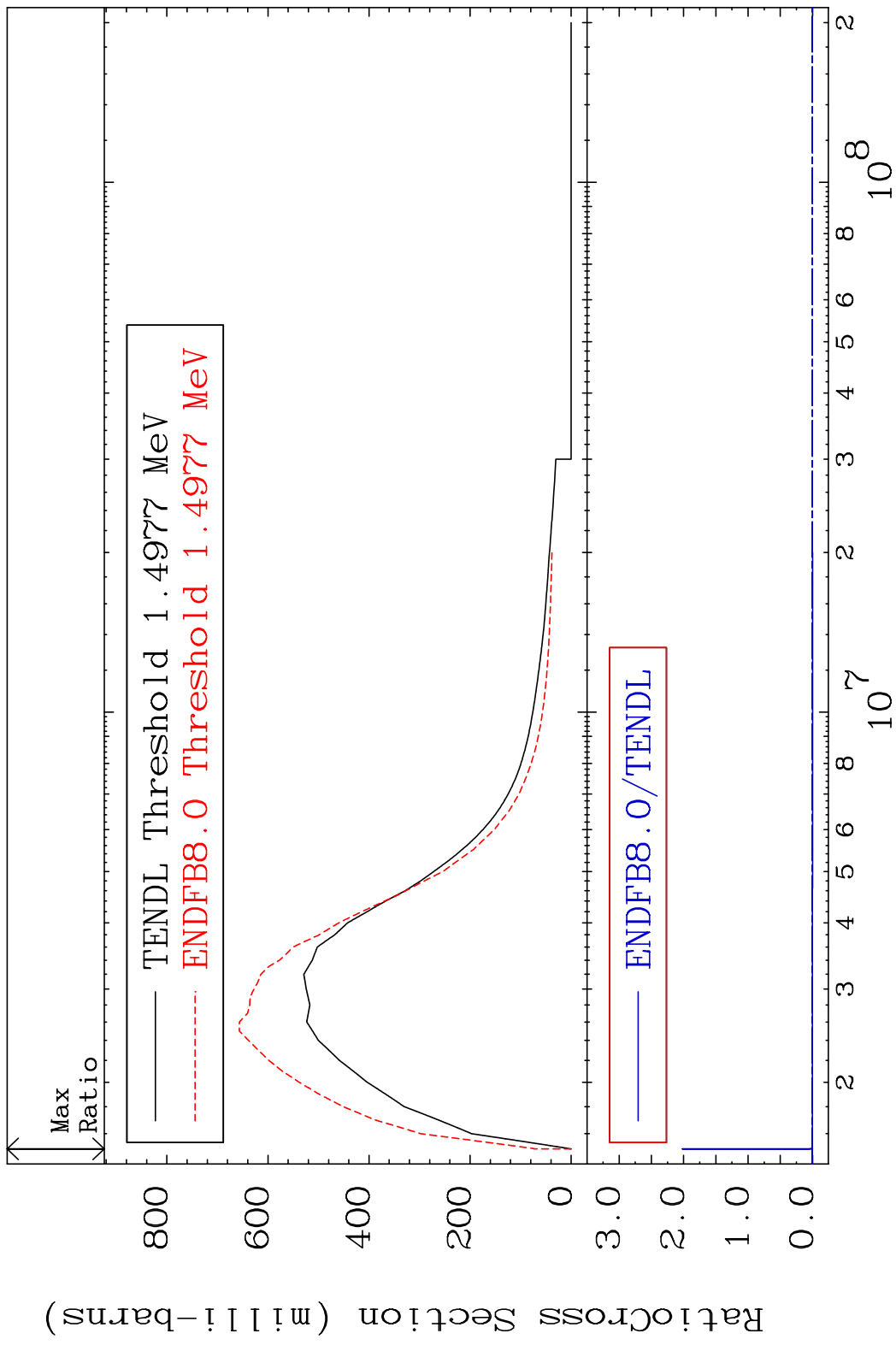


7

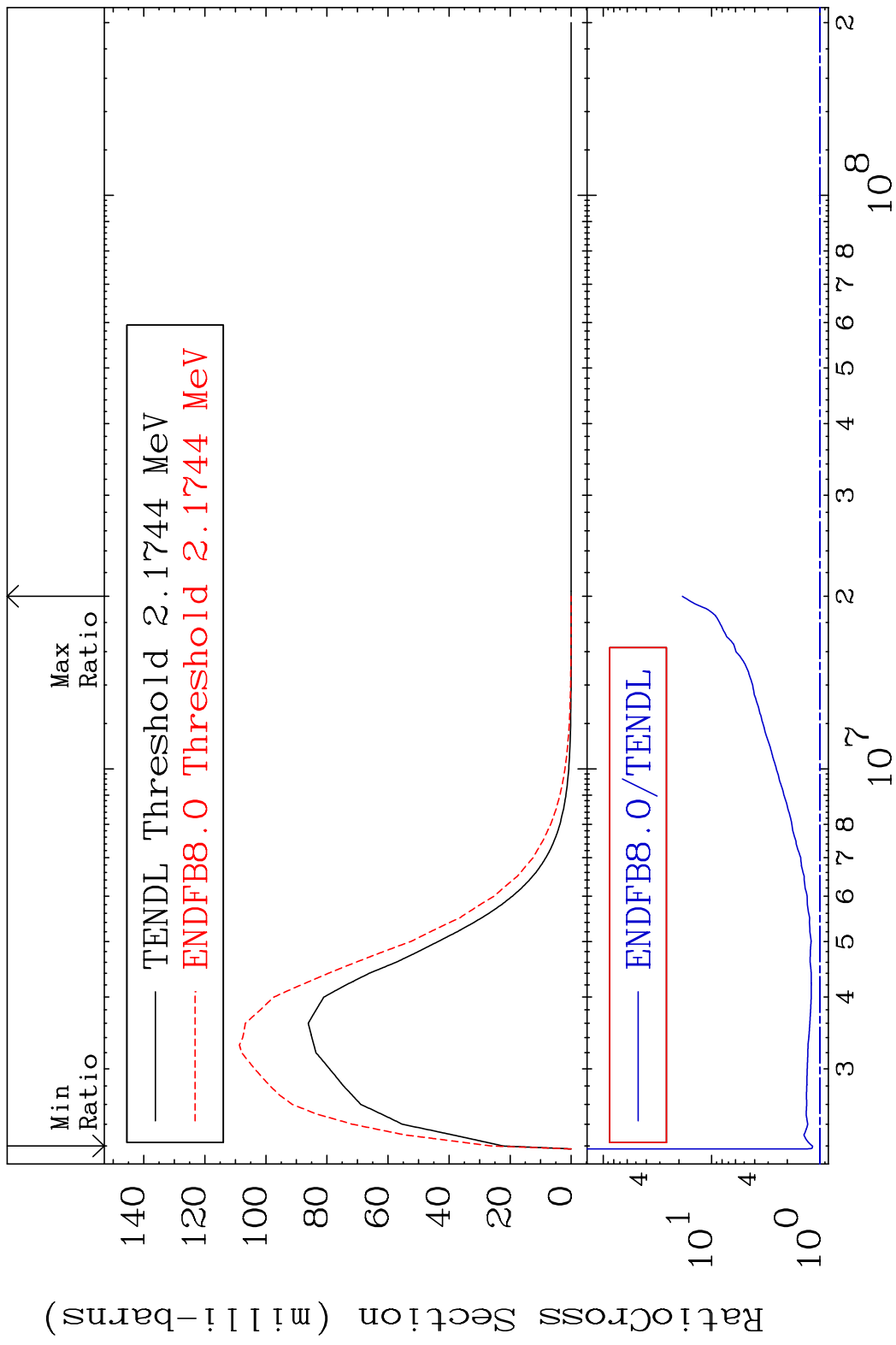
Incident Energy (eV)

18-Ar-40

MAT 1837 MT= 51 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 9999. %

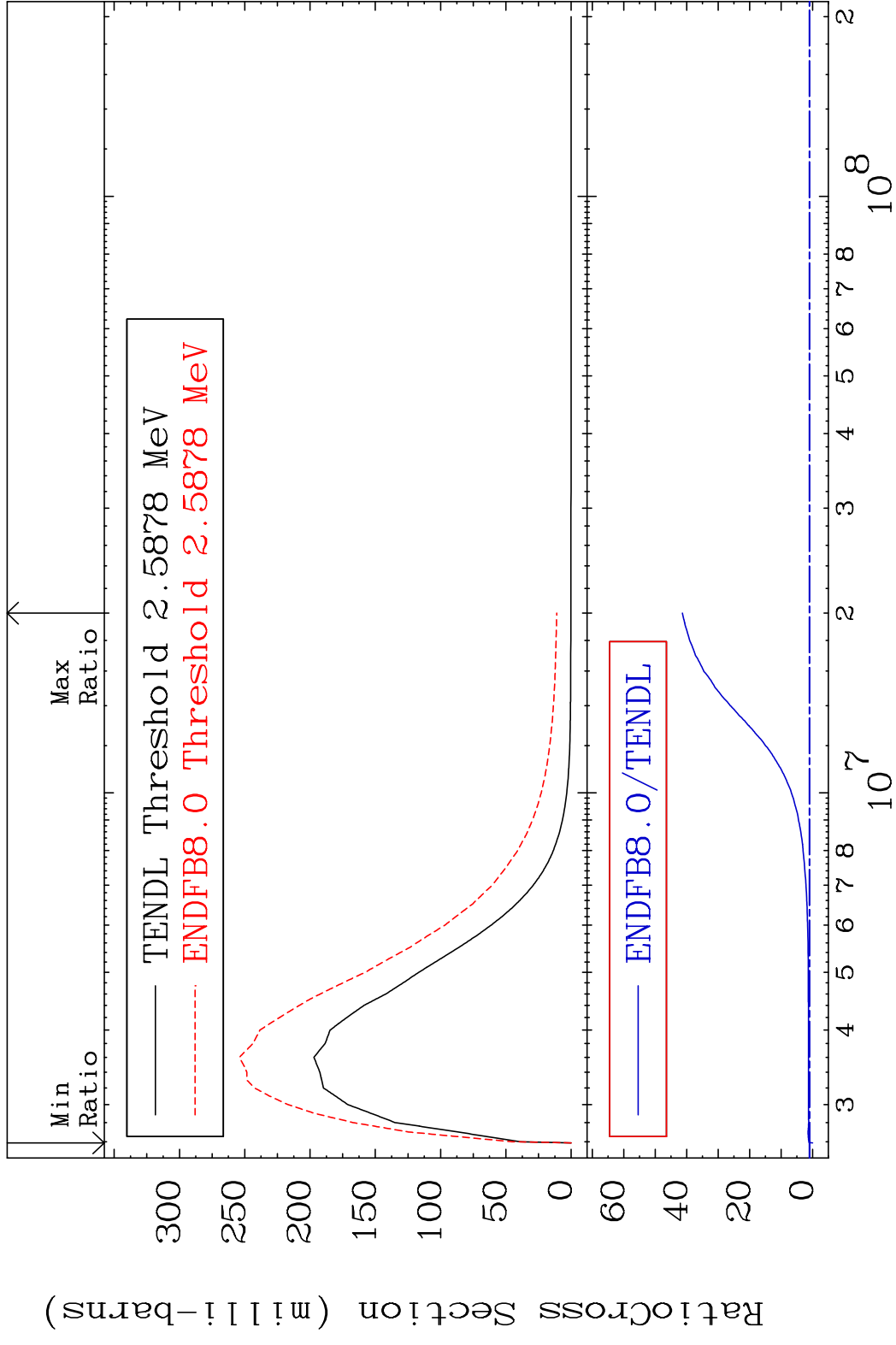


MAT 1837 MT= 52 (n, n') Level 18-Ar-40
 Cross Section 16.97 To 1760. %



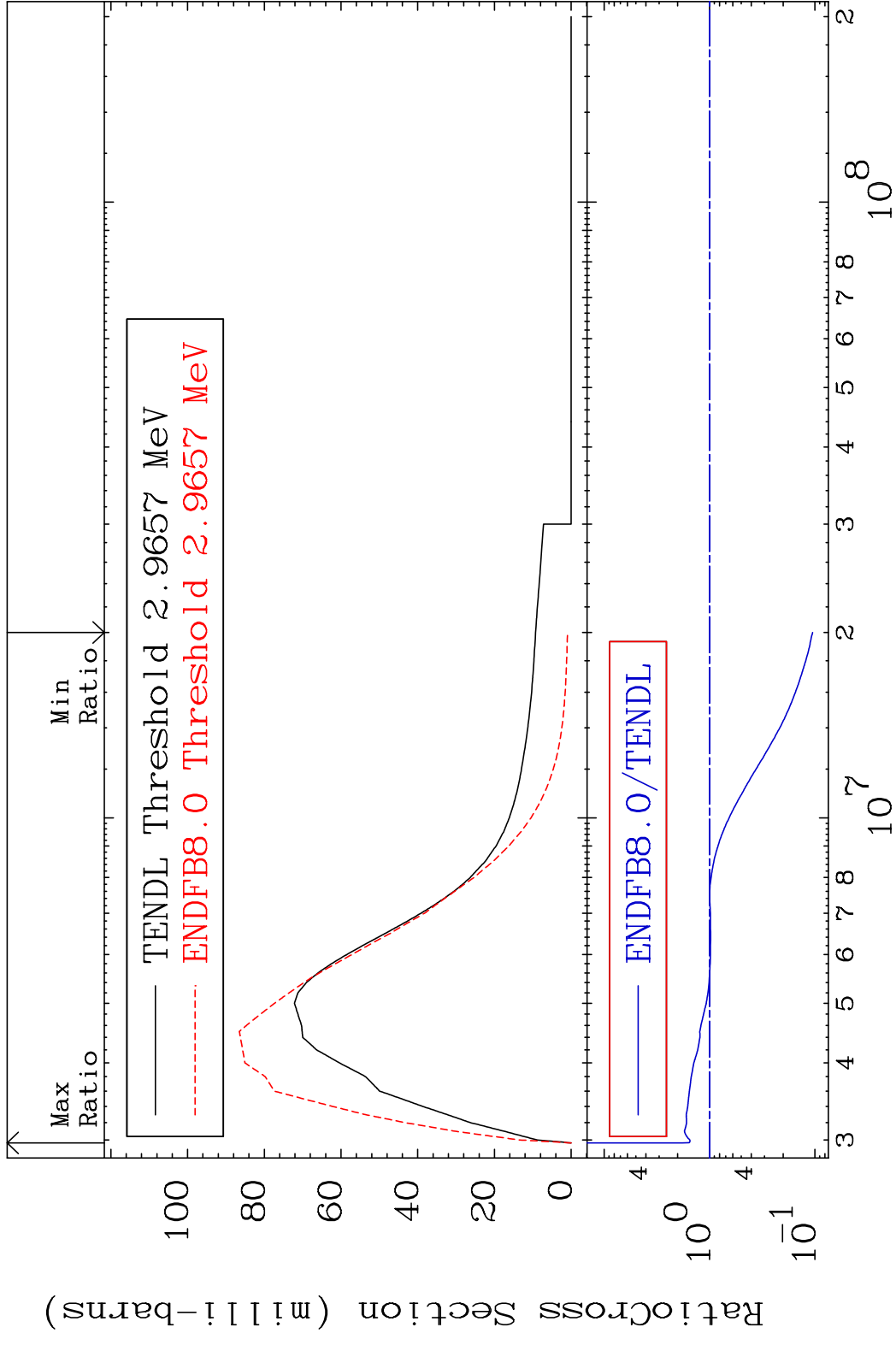
9 Incident Energy (eV) 18-Ar-40

MAT 1837 MT= 53 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 4039. %

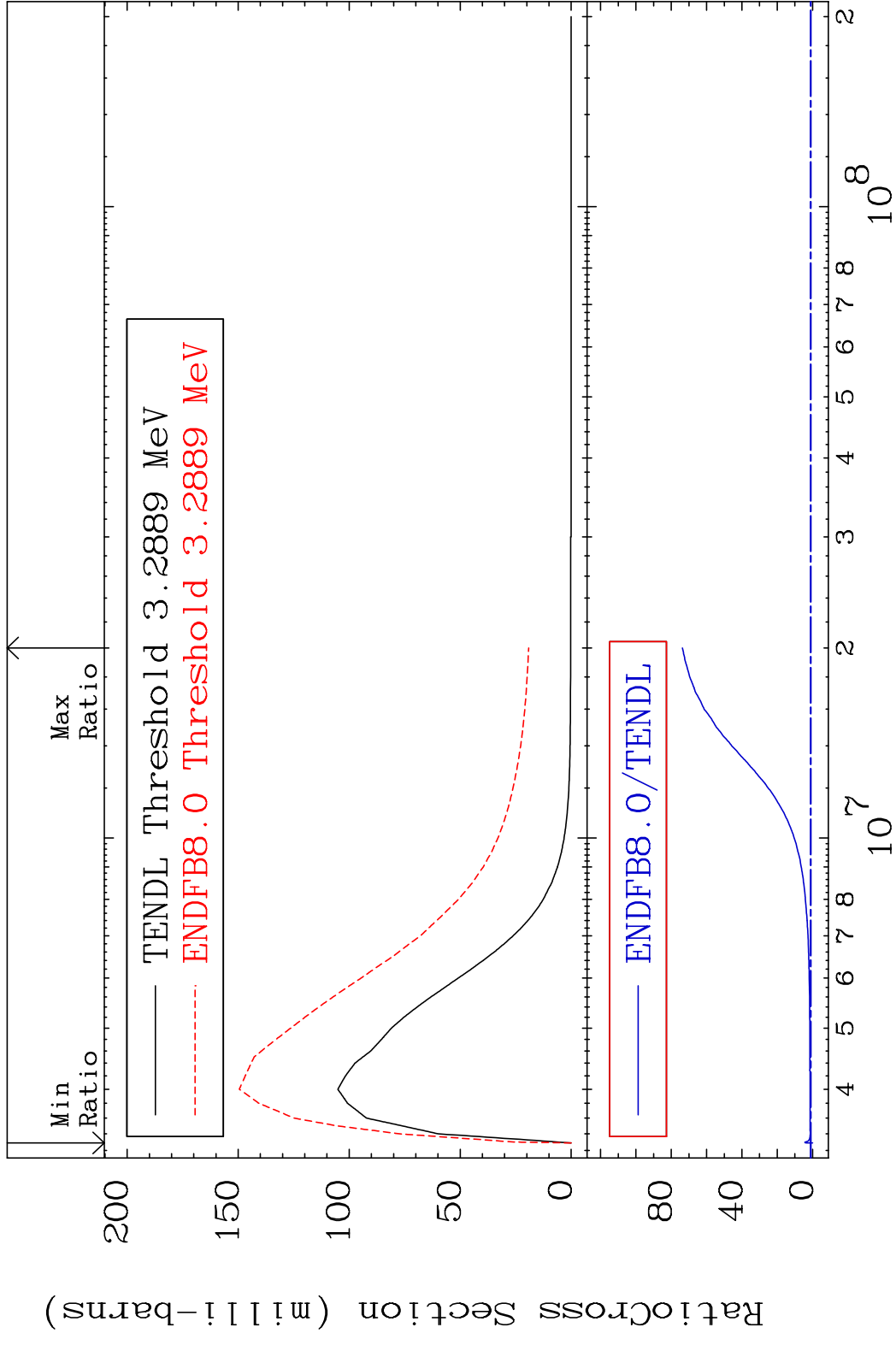


10 18-Ar-40

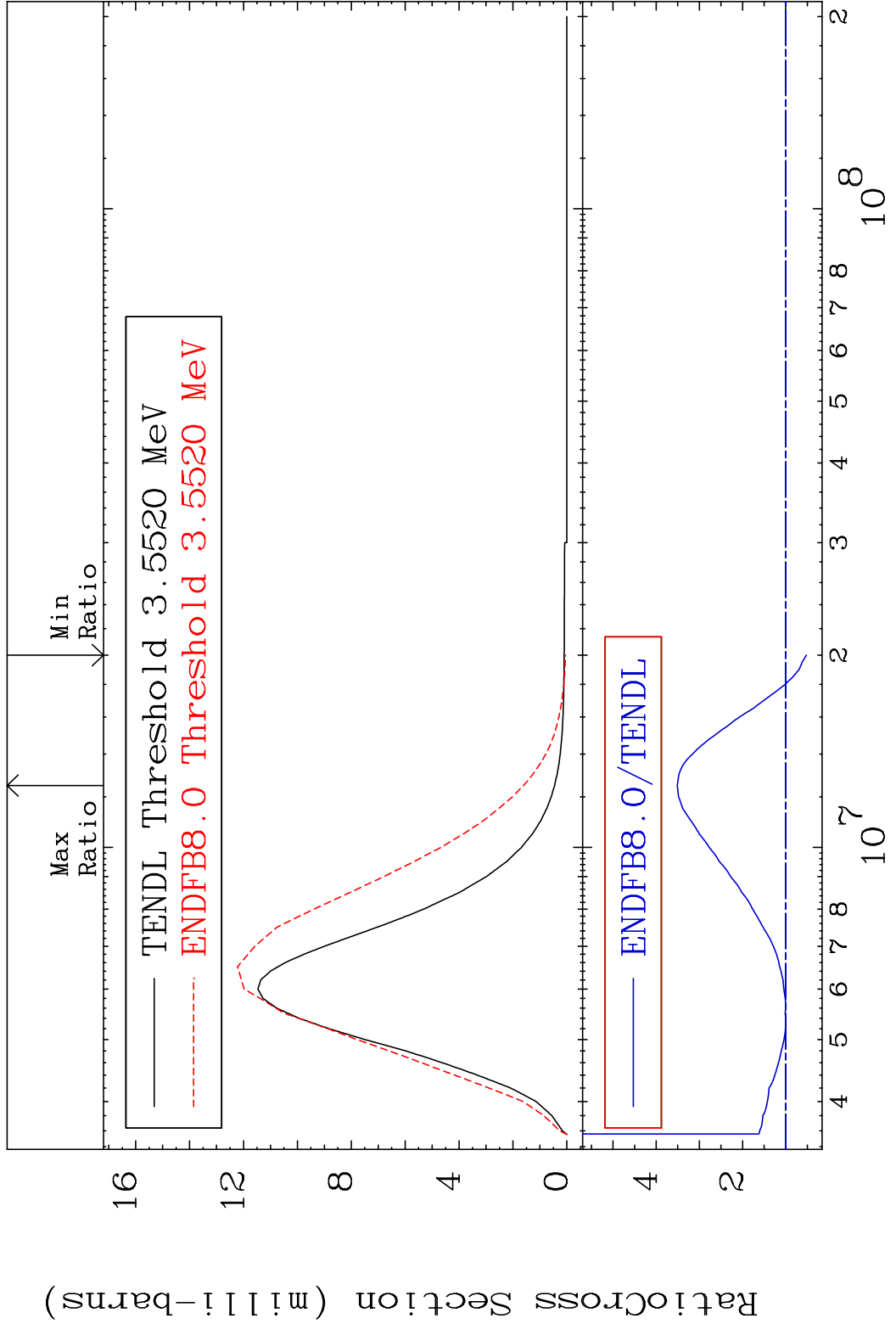
MAT 1837 MT= 54 (n,n') Level 18-Ar-40
 Cross Section -89.50 To 80.69 %



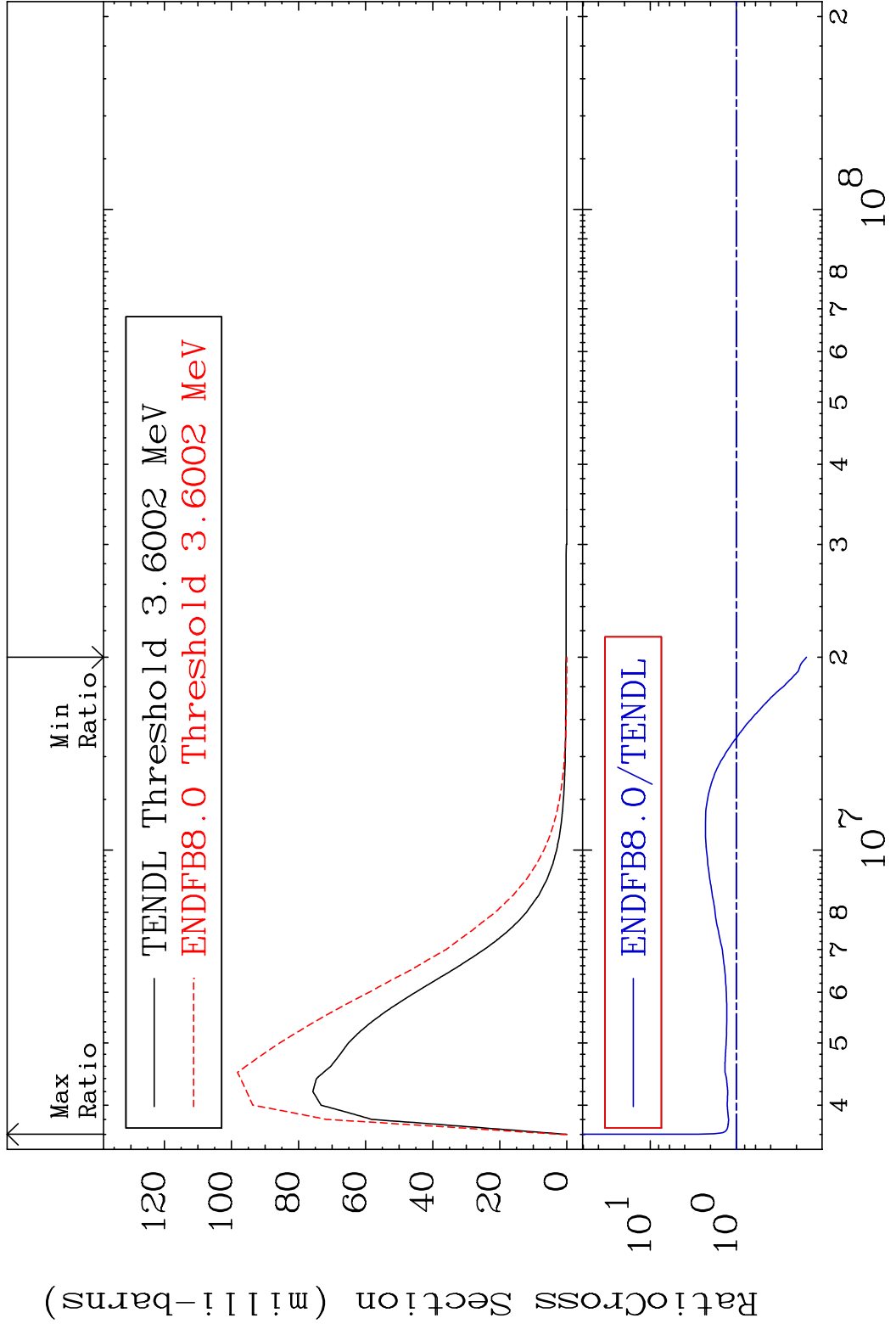
MAT 1837 MT= 55 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 7272. %



MAT 1837 MT= 56 (n,n') Level 18-Ar-40
 Cross Section -47.95 To 251.4 %

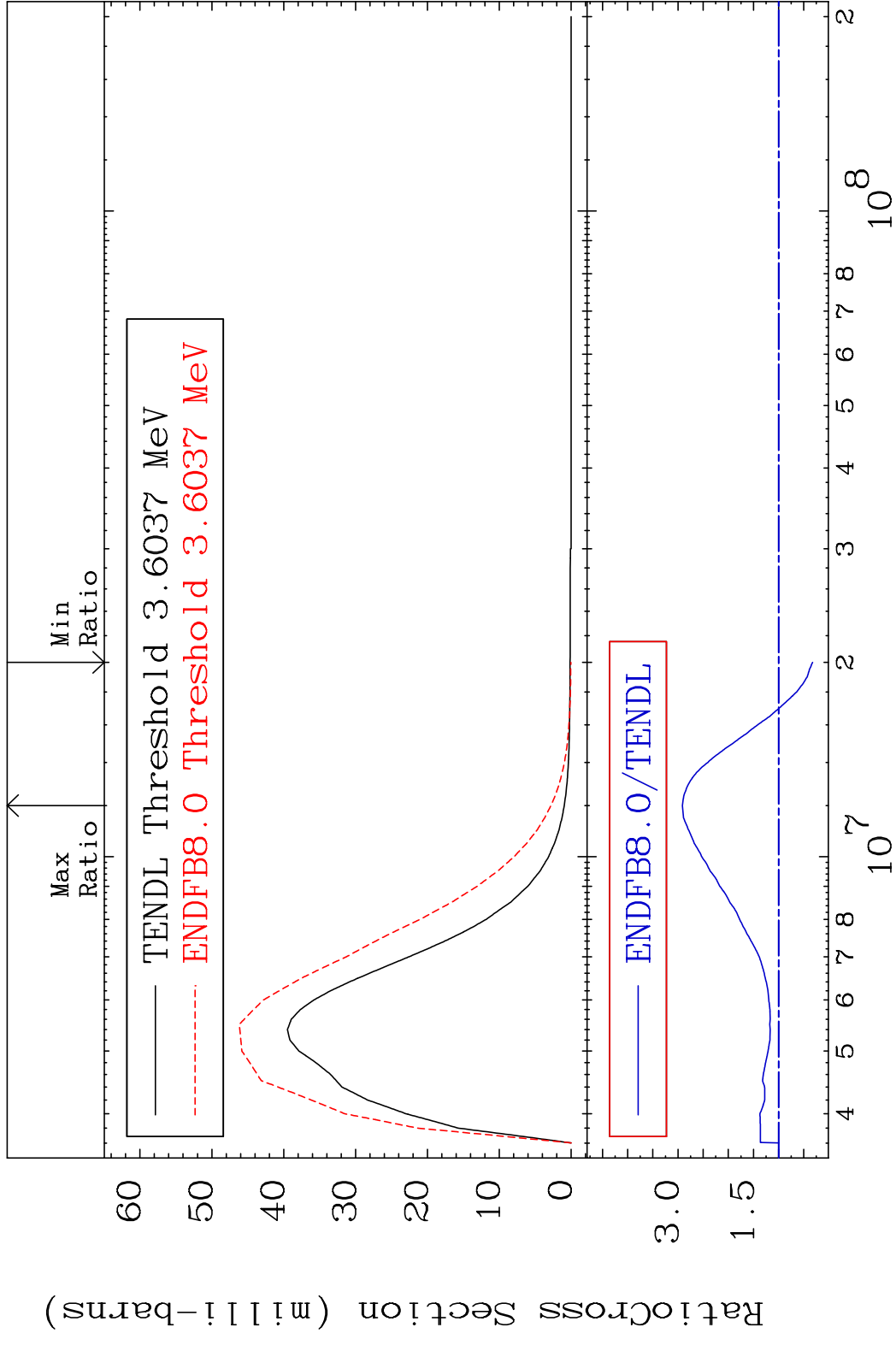


MAT 1837 MT= 57 (n,n') Level 18-Ar-40
 Cross Section -84.64 To 387.5 %

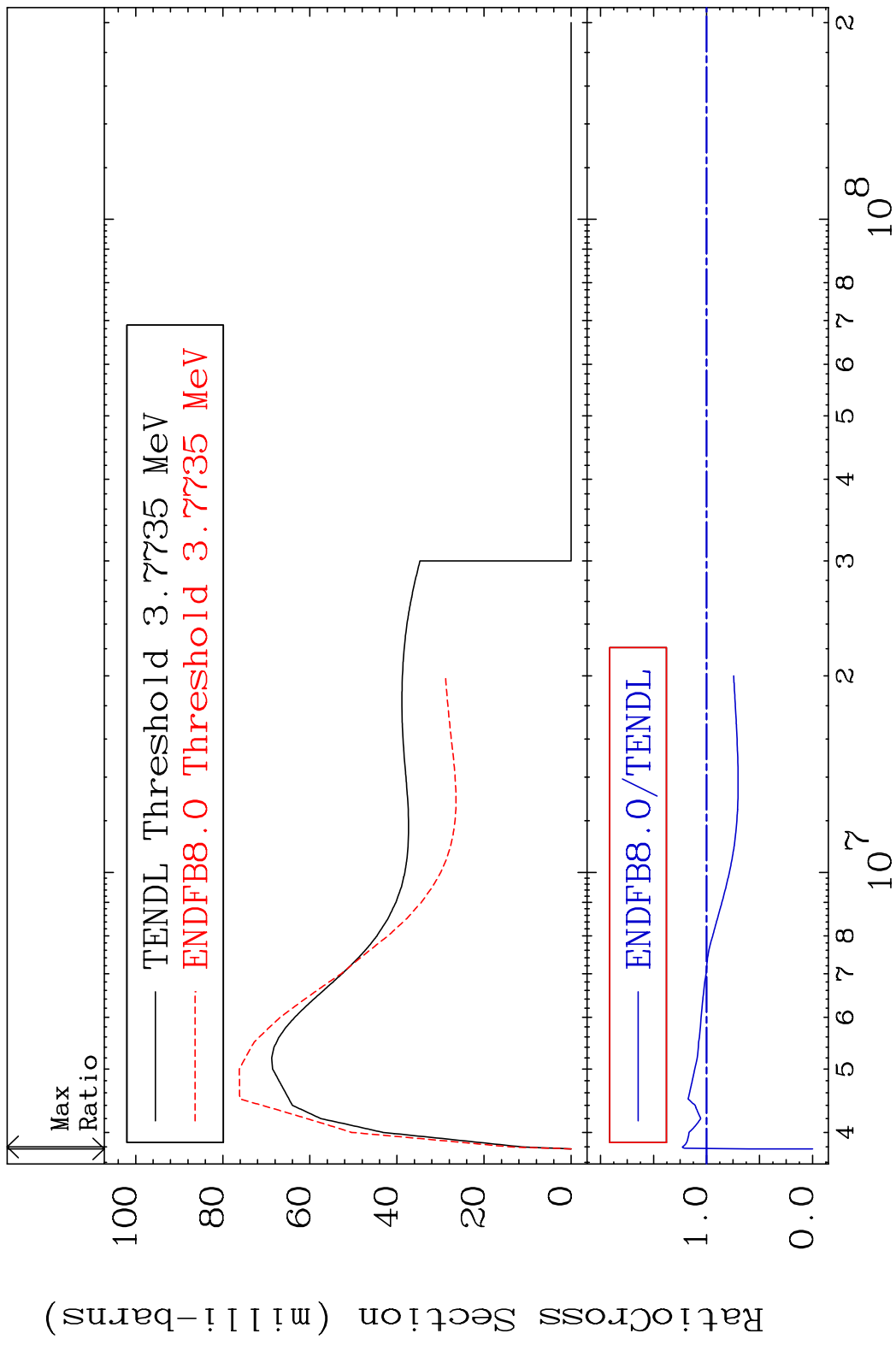


14 Incident Energy (eV) 18-Ar-40

MAT 1837 MT= 58 (n,n') Level 18-Ar-40
 Cross Section -67.43 To 191.3 %

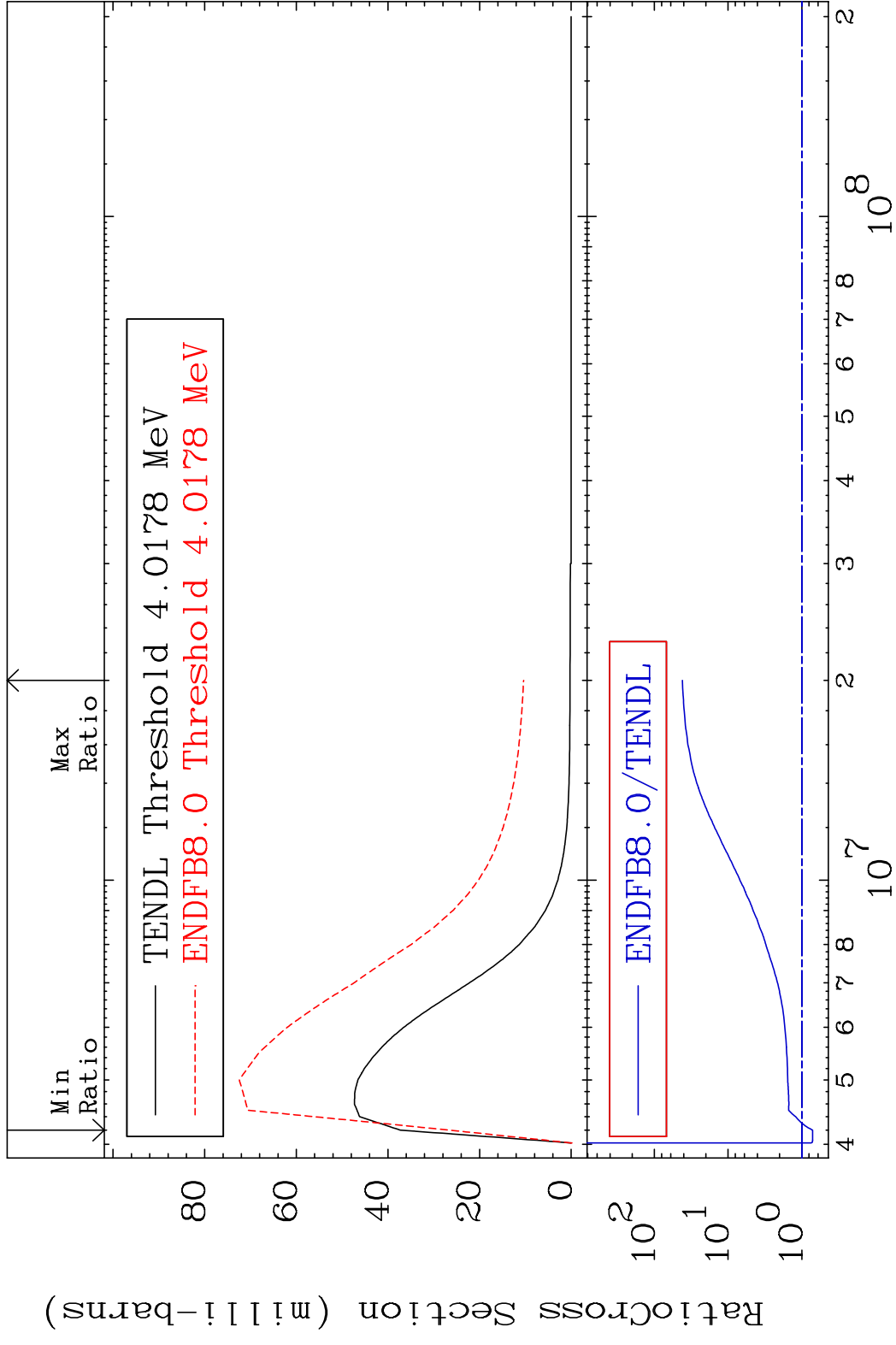


MAT 1837 MT= 59 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 22.86 %

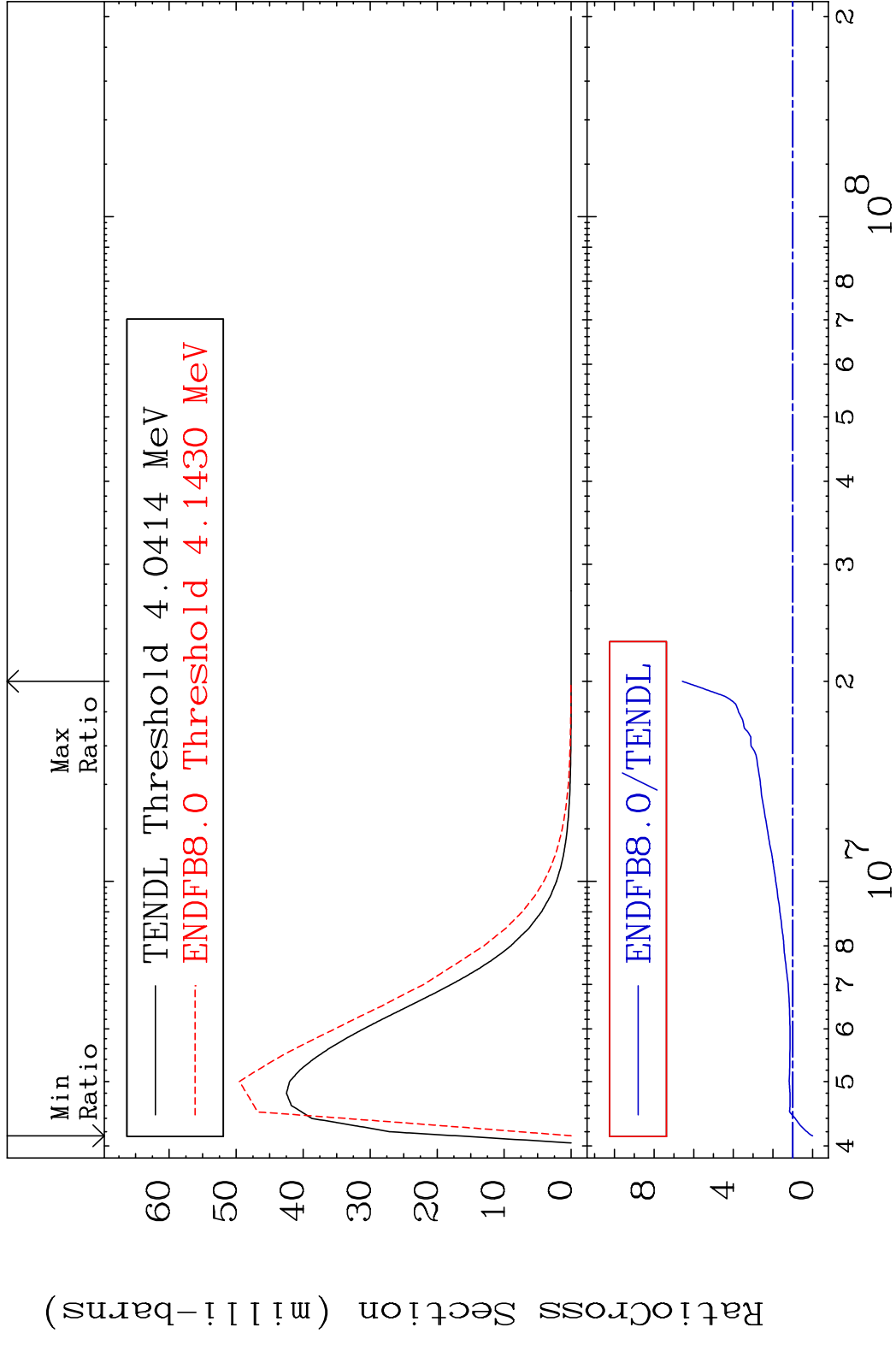


16 Incident Energy (eV) 18-Ar-40

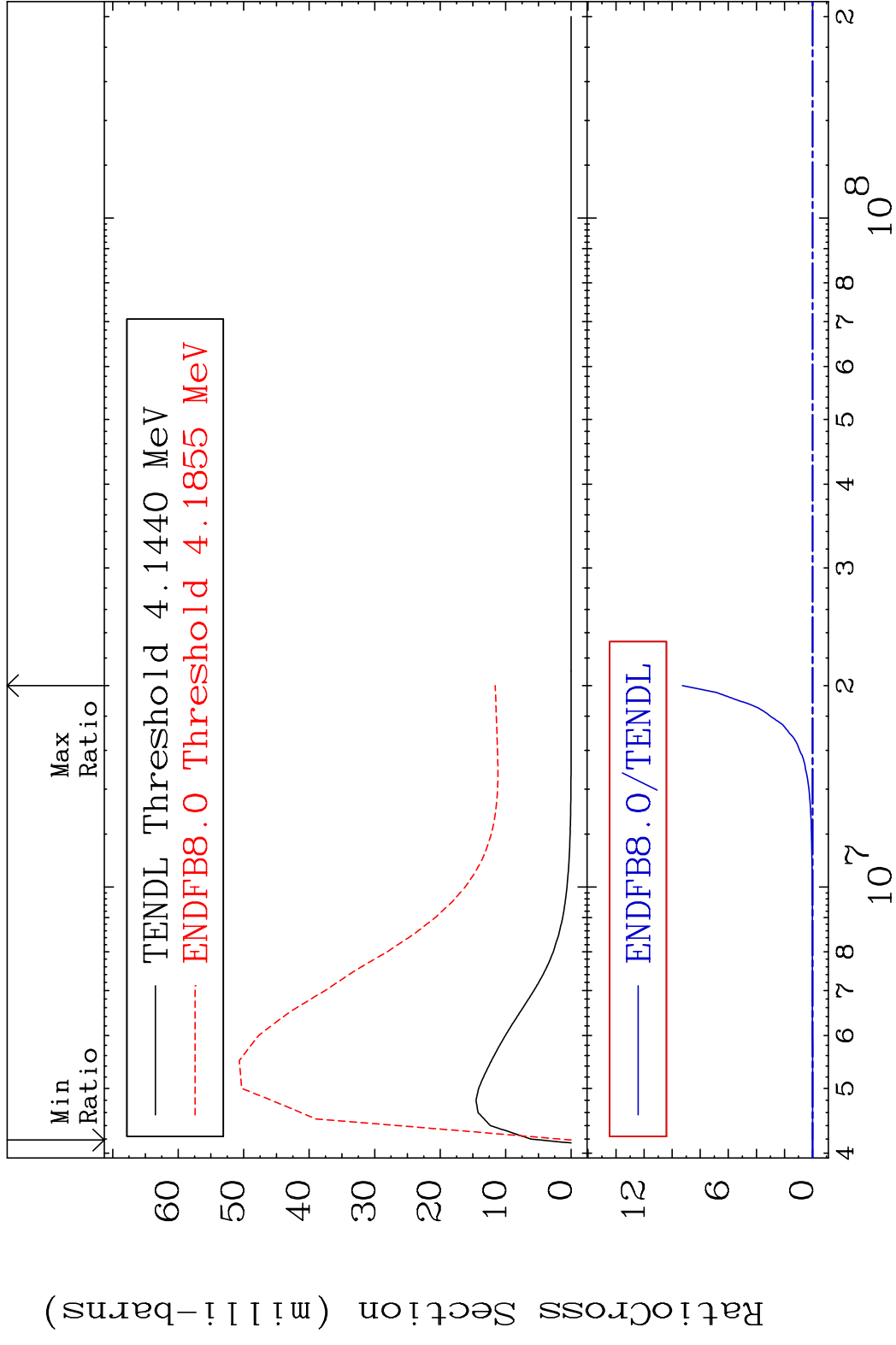
MAT 1837 MT= 60 (n,n') Level 18-Ar-40
 Cross Section -28.50 To 4075. %



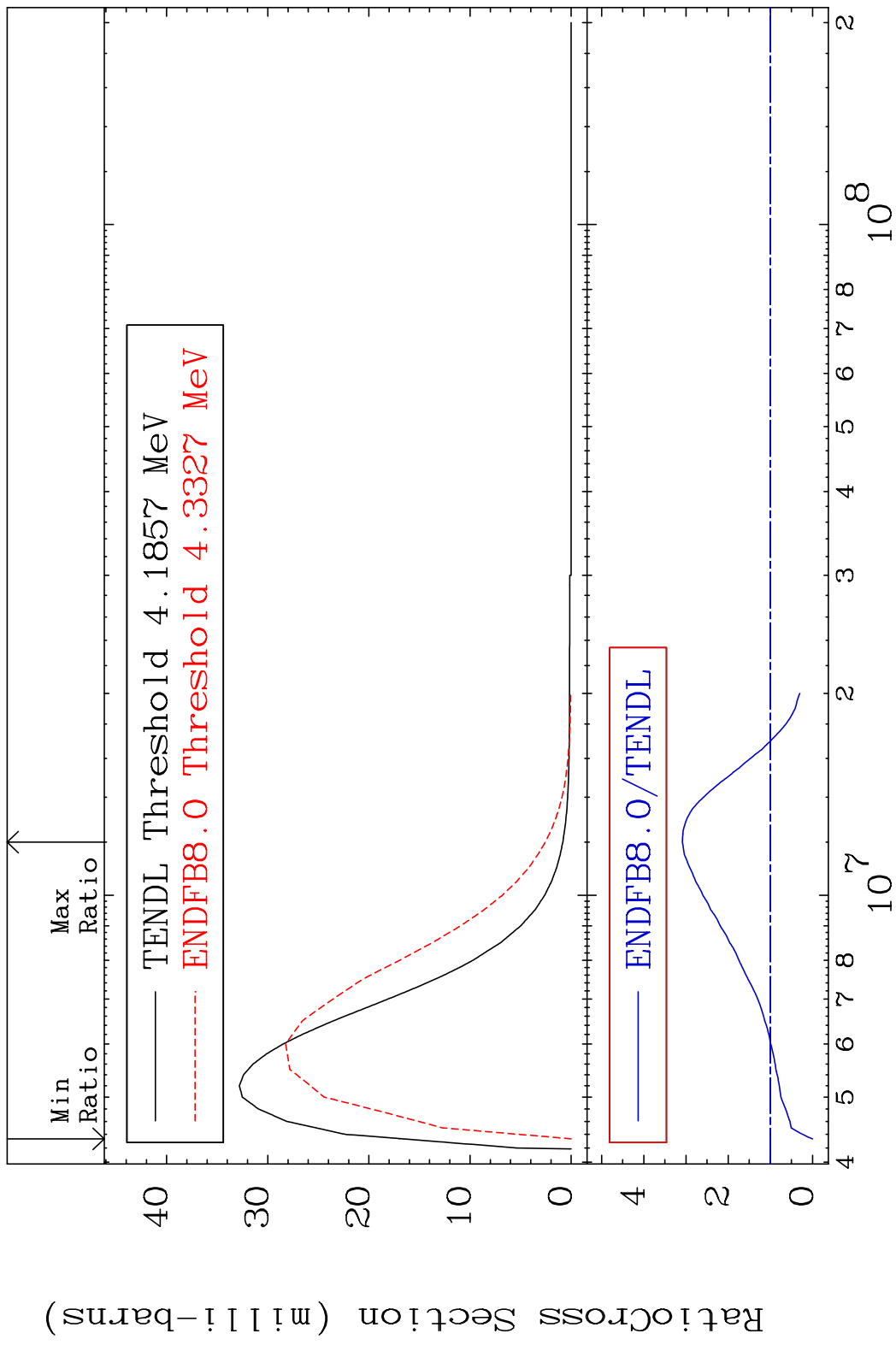
MAT 1837 MT= 61 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 557.2 %



MAT 1837 MT= 62 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 9999. %



MAT 1837 MT= 63 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 208.7 %

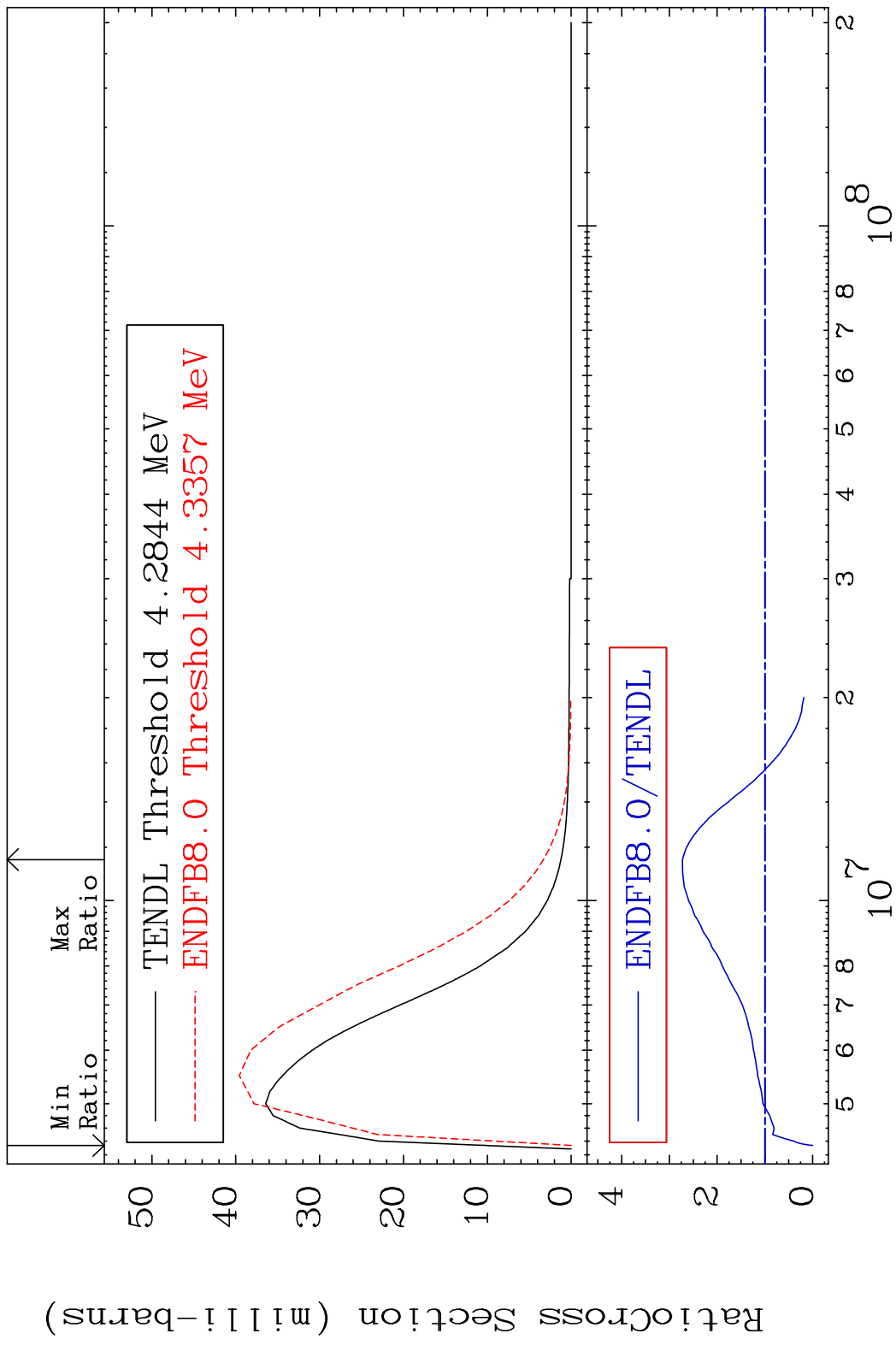


20

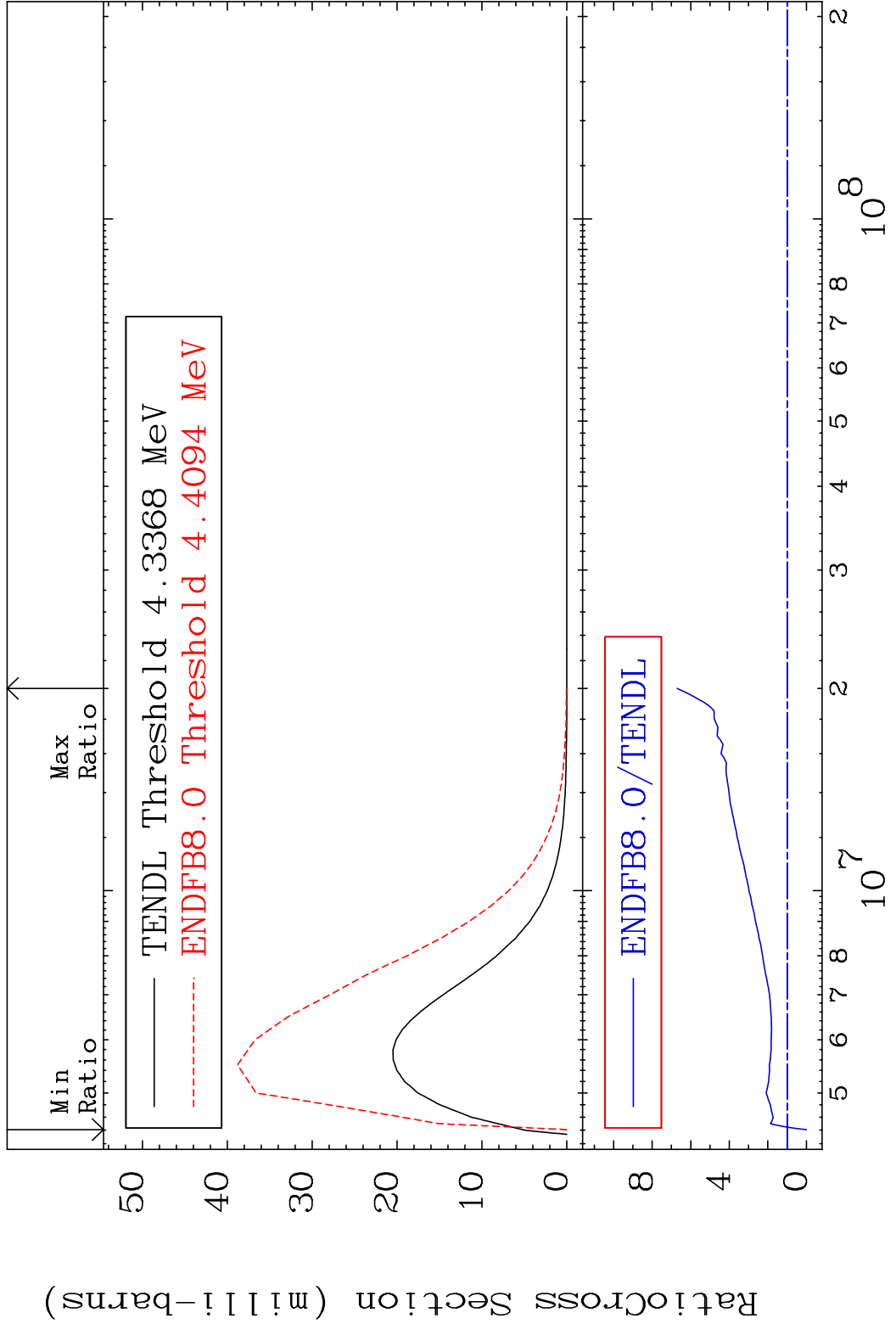
Incident Energy (eV)

18-Ar-40

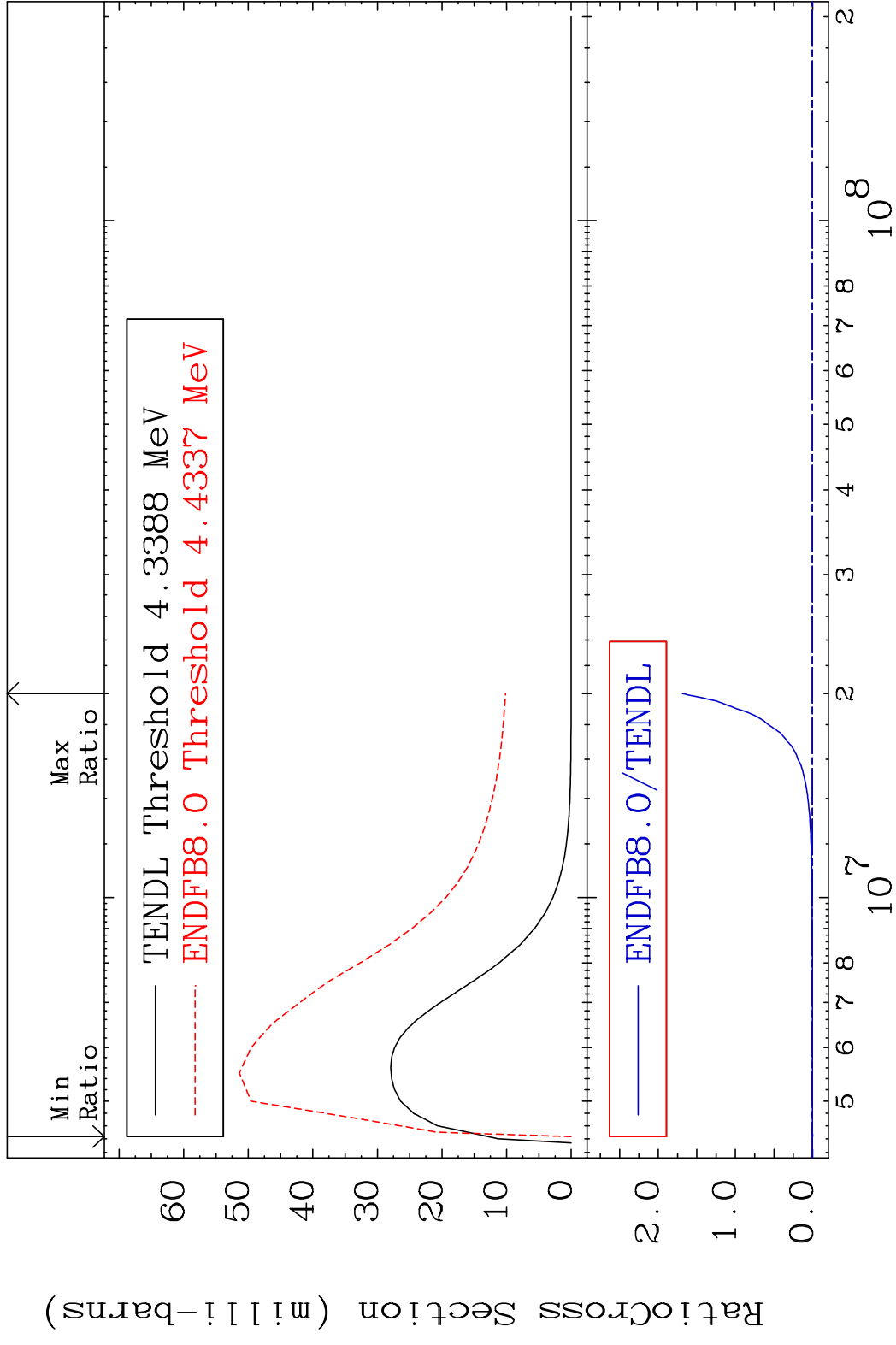
MAT 1837 MT= 64 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 172.9 %



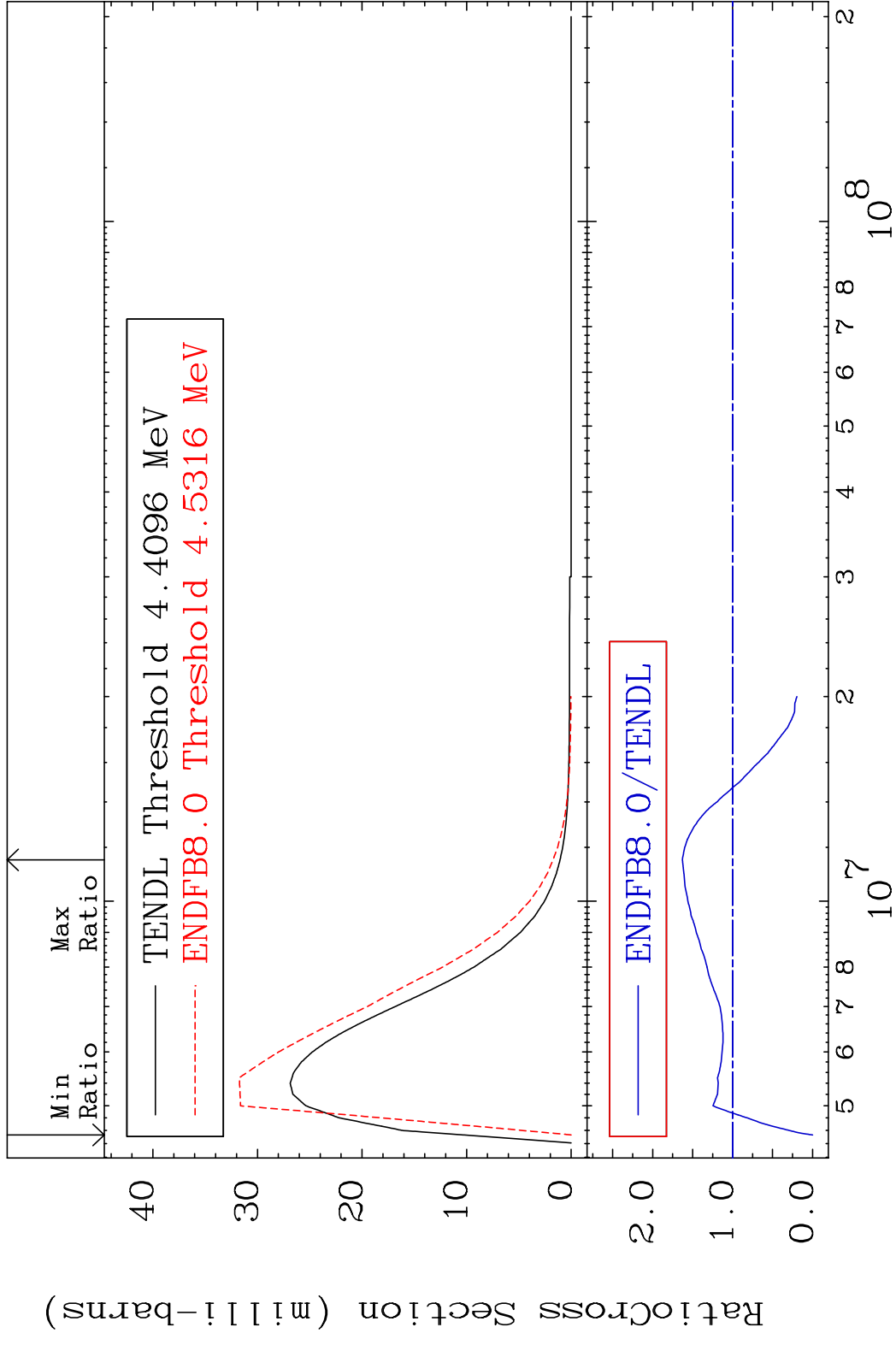
MAT 1837 MT= 65 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 570.2 %



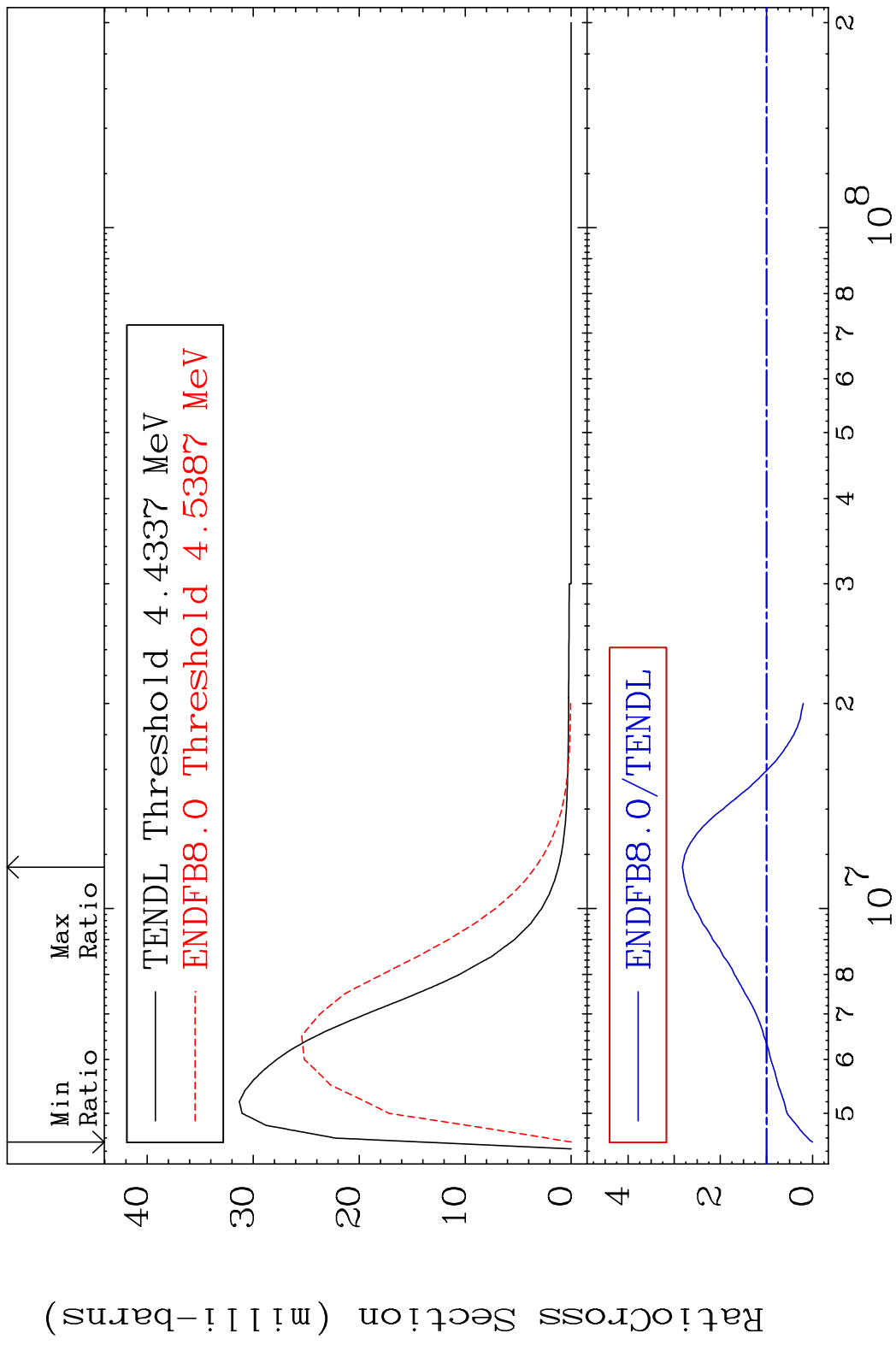
MAT 1837 MT= 66 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 9999. %



MAT 1837 MT= 67 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 62.86 %



MAT 1837 MT= 68 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 182.4 %

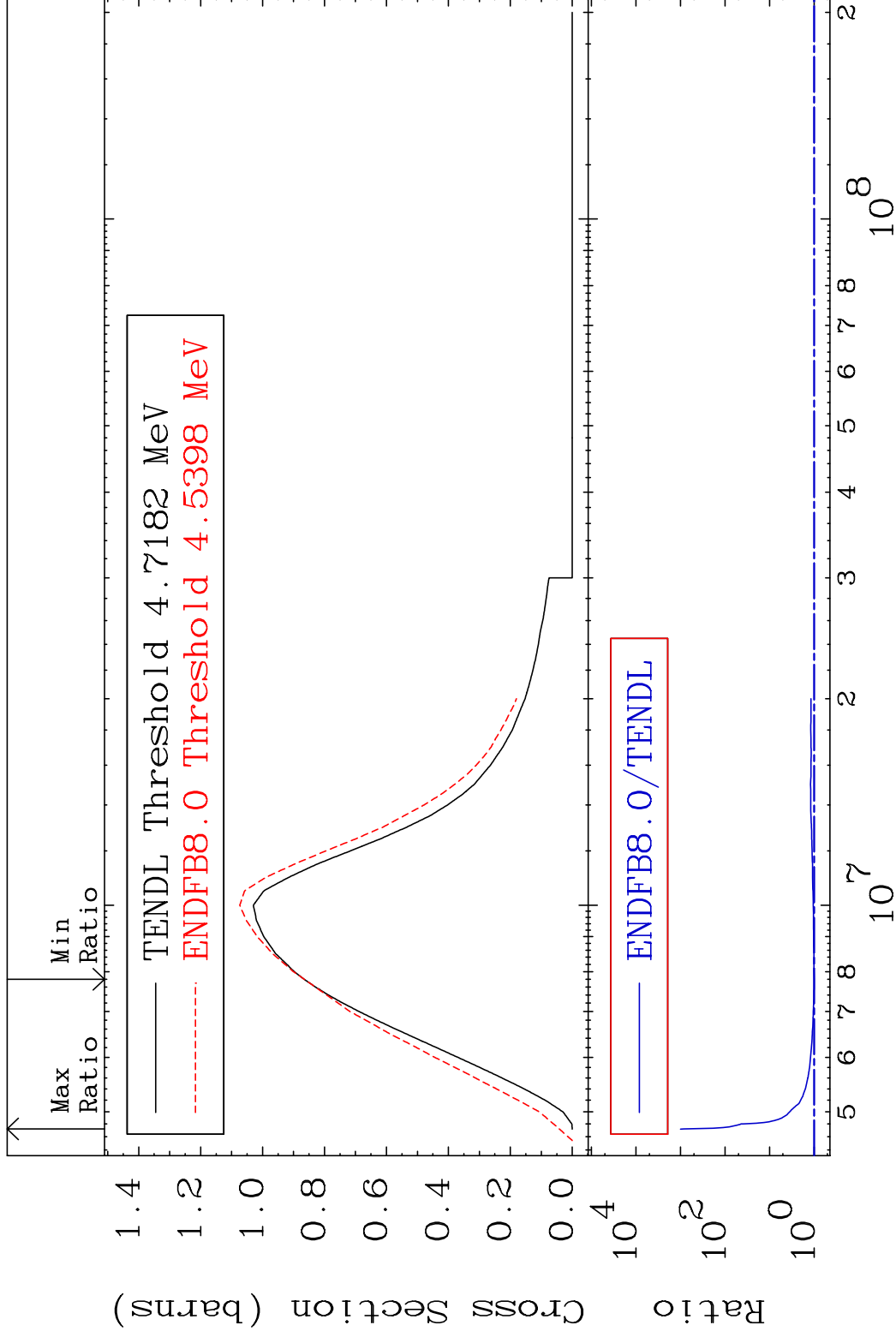


MAT 1837

(n,n') Continuum

18-Ar-40

Cross Section -0.080 To 9999. %



26

Incident Energy (eV)

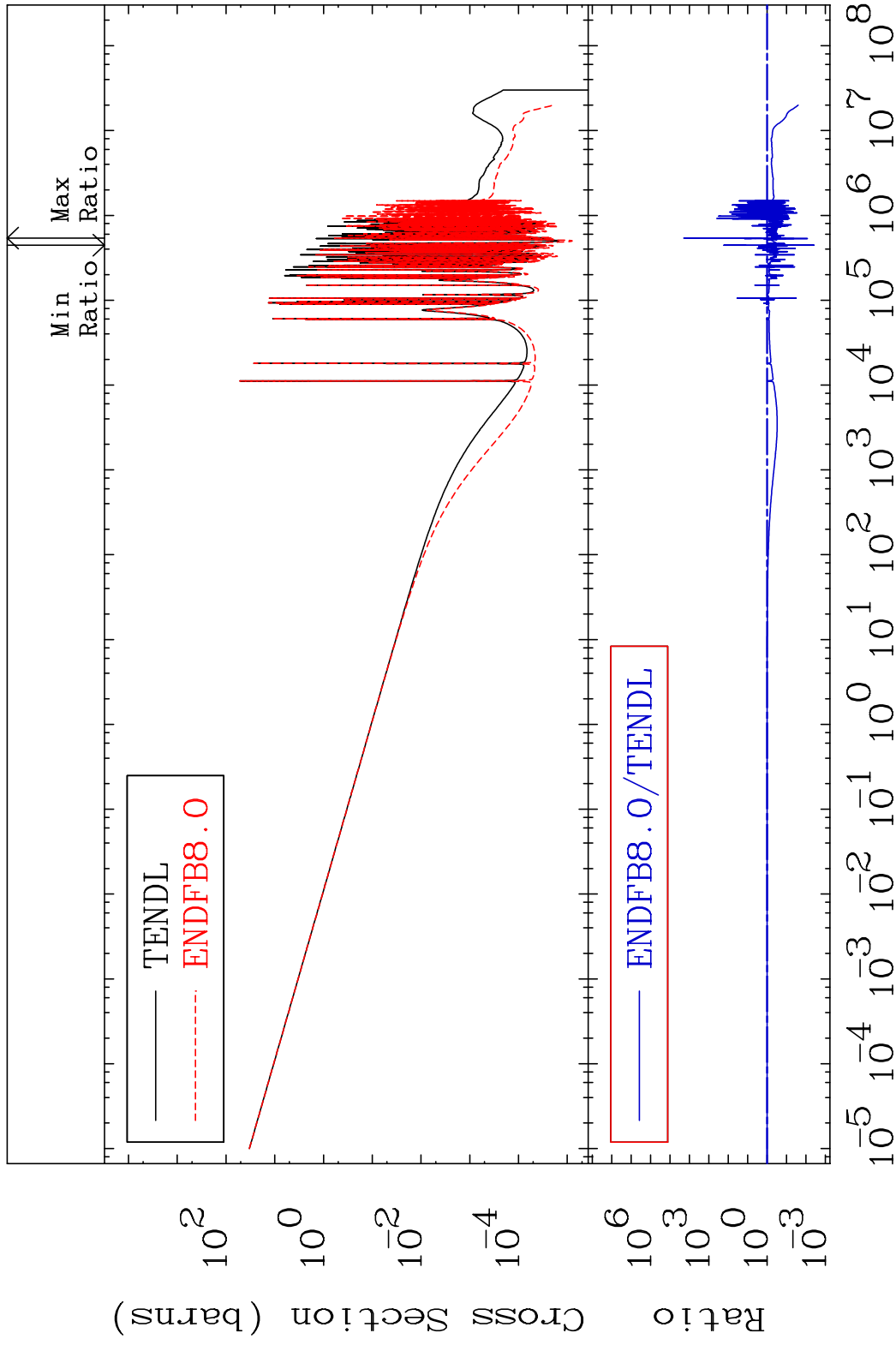
18-Ar-40

MAT 1837

(n, γ)

18-Ar-40

Cross Section -99.62 To 9999. %



27

Incident Energy (eV)

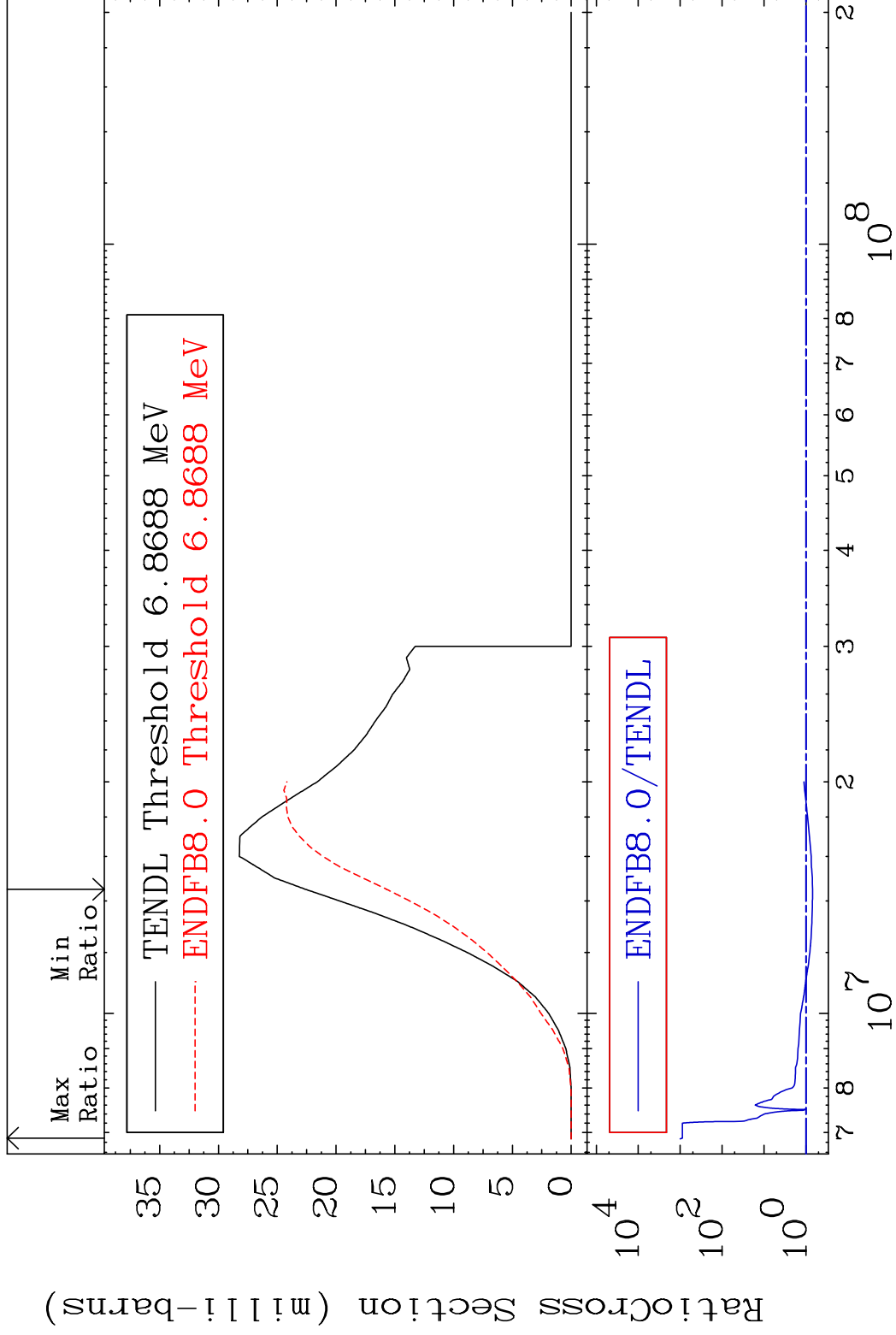
18-Ar-40

MAT 1837

(n,p)

18-Ar-40

Cross Section -30.53 To 9999. %



28

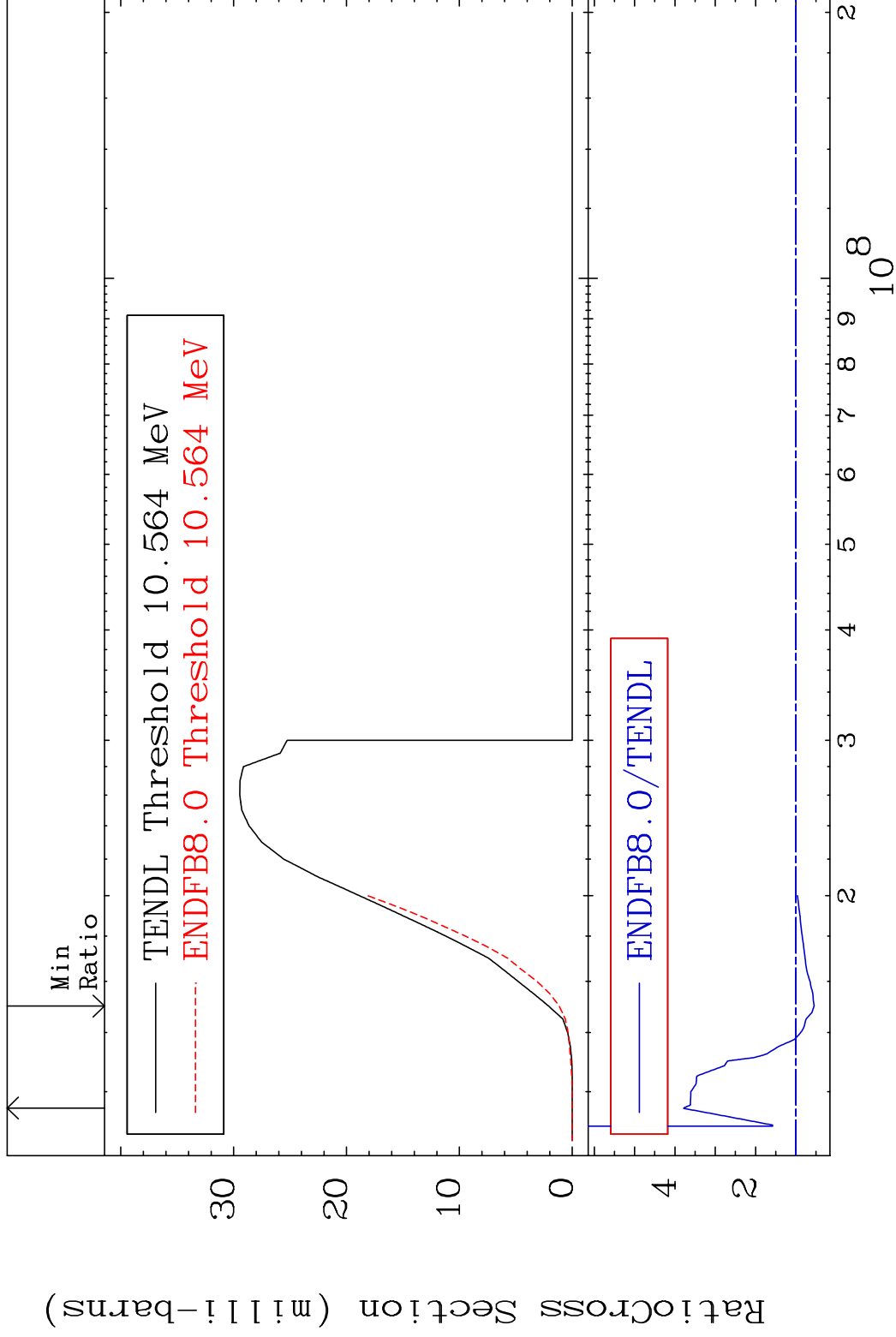
18-Ar-40

MAT 1837

(n, d)

18-Ar-40

Cross Section -45.10 To 278.4 %

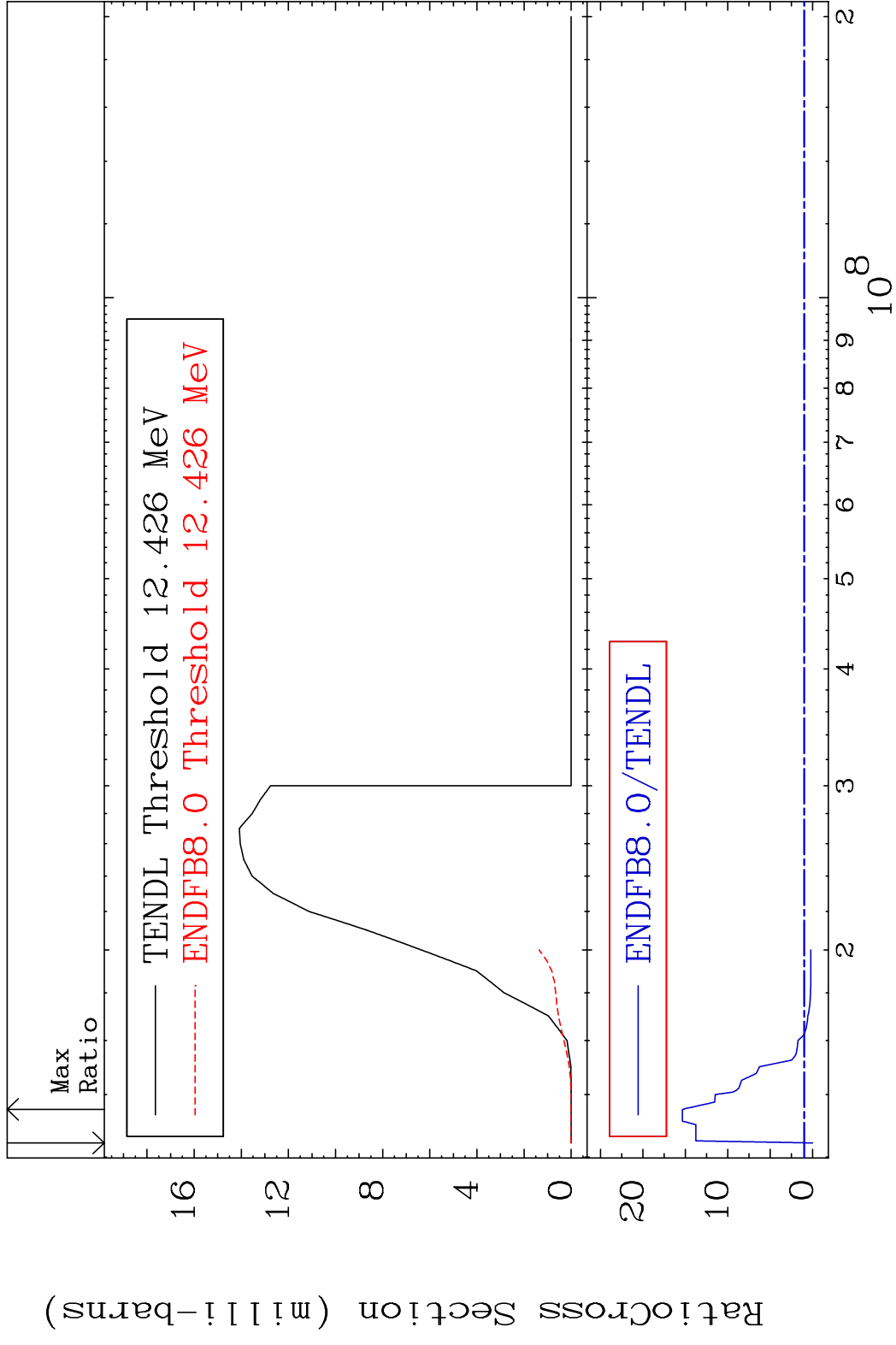


29

Incident Energy (eV)

18-Ar-40

MAT 1837 (n, t) 18-Ar-40
 Cross Section -100.0 To 1436. %



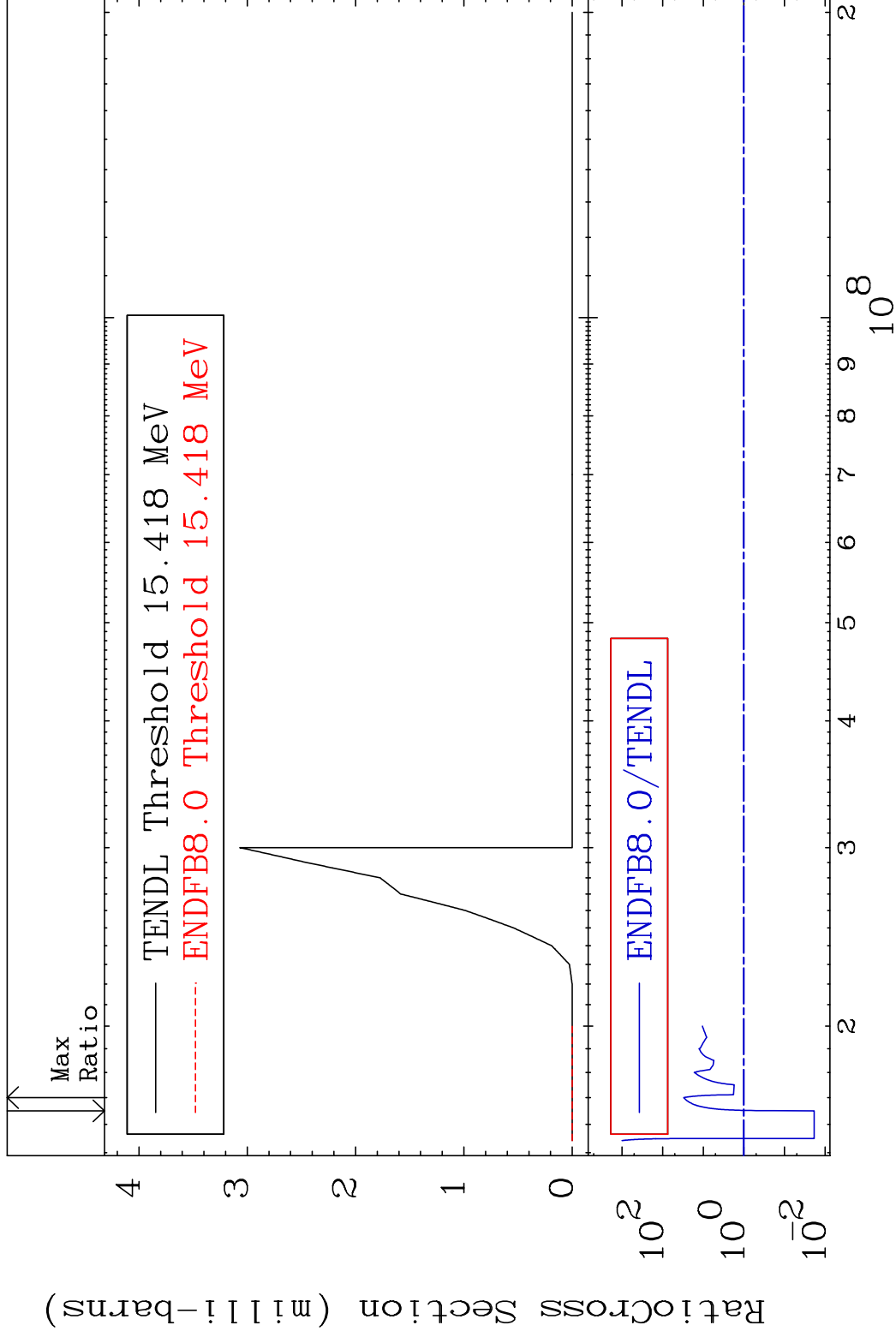
30 Incident Energy (eV) 18-Ar-40

MAT 1837

(n, He-3)

18-Ar-40

Cross Section -98.13 To 2935. %

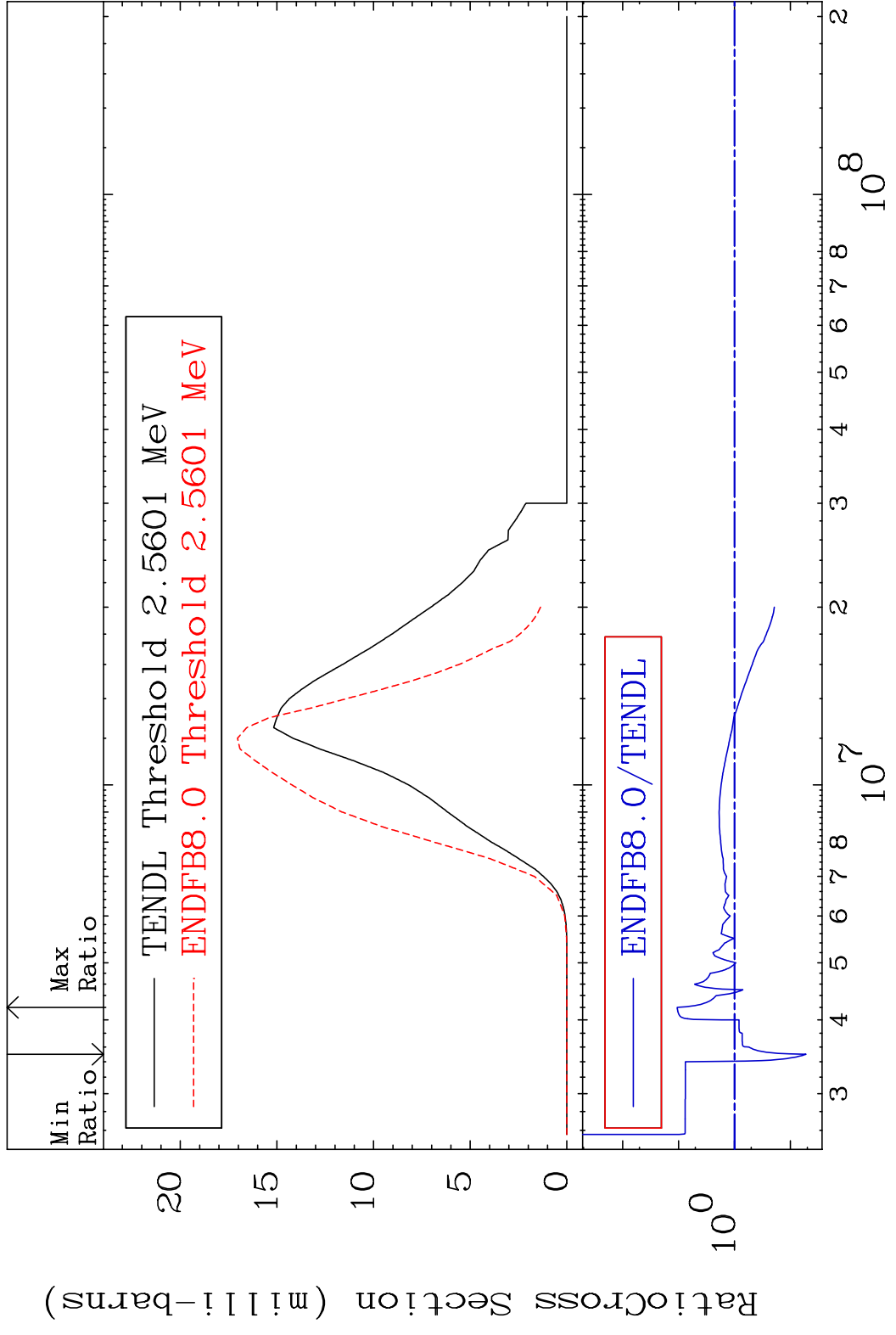


31

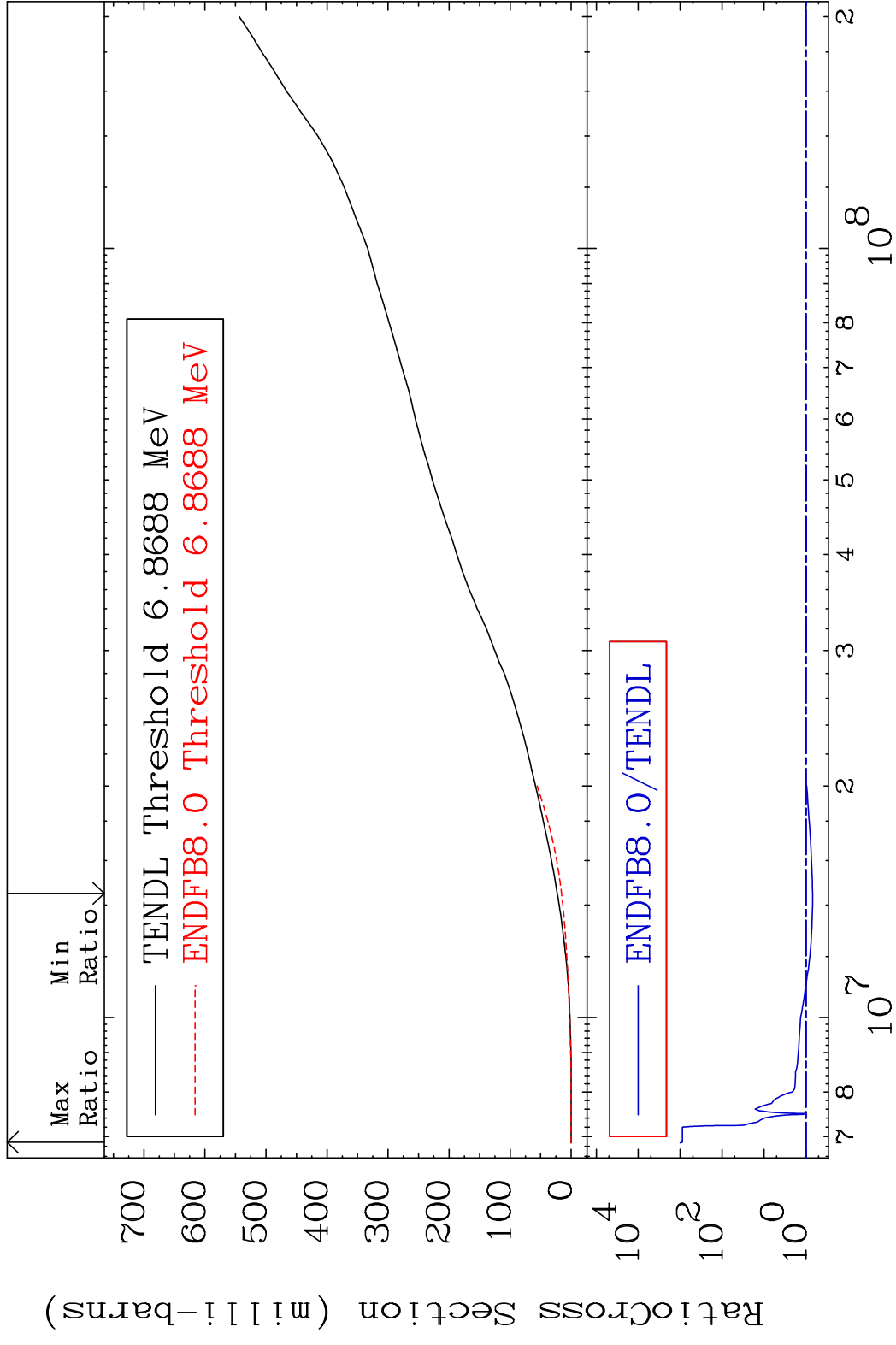
Incident Energy (eV)

18-Ar-40

MAT 1837 (n, α) 18-Ar-40
 Cross Section -94.82 To 959.1 %



MAT 1837 Hydrogen Production 18-Ar-40
 Cross Section -30.51 To 9999. %

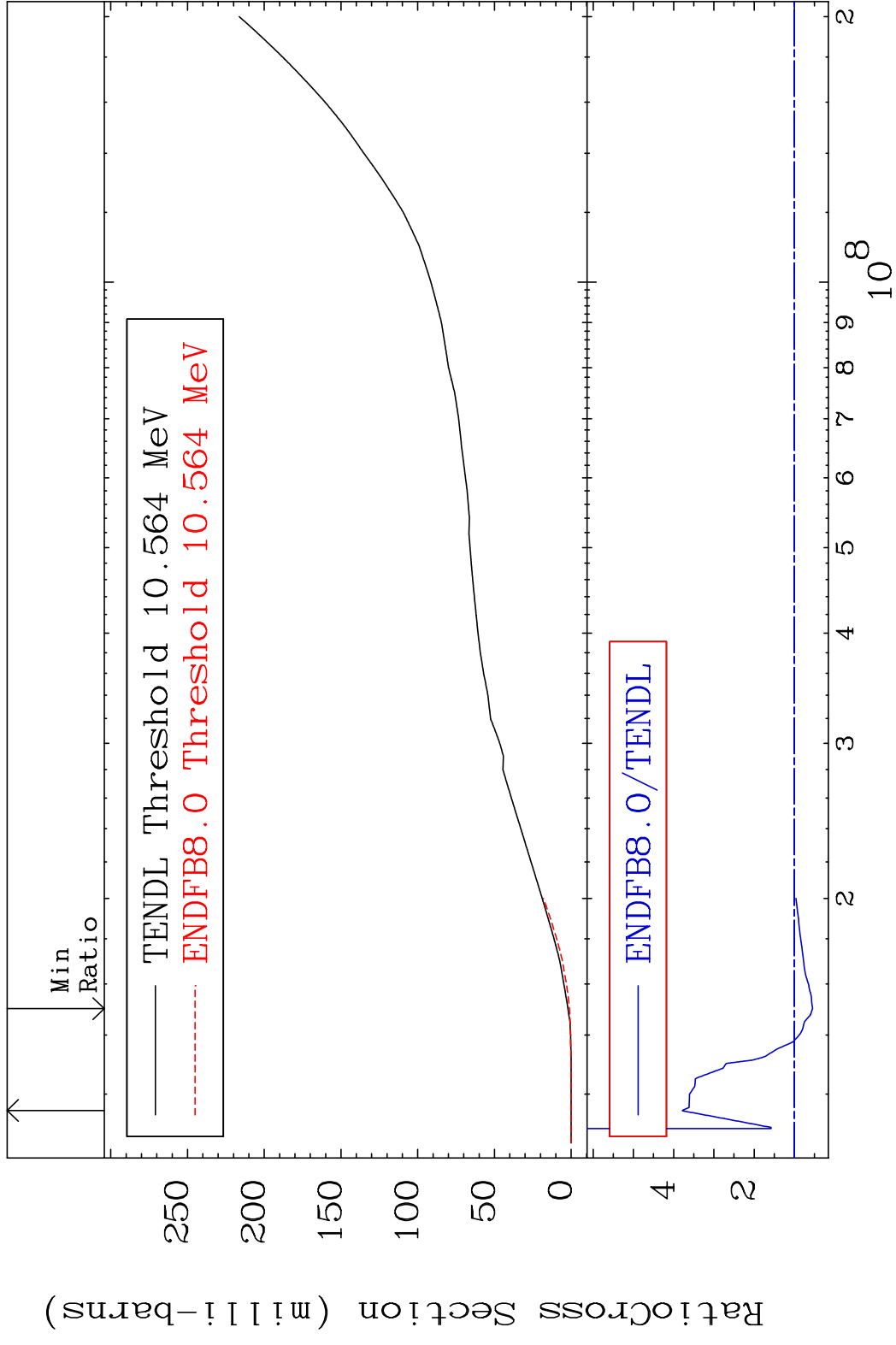


MAT 1837

Deuterium Production

18-Ar-40

Cross Section -45.10 To 278.4 %

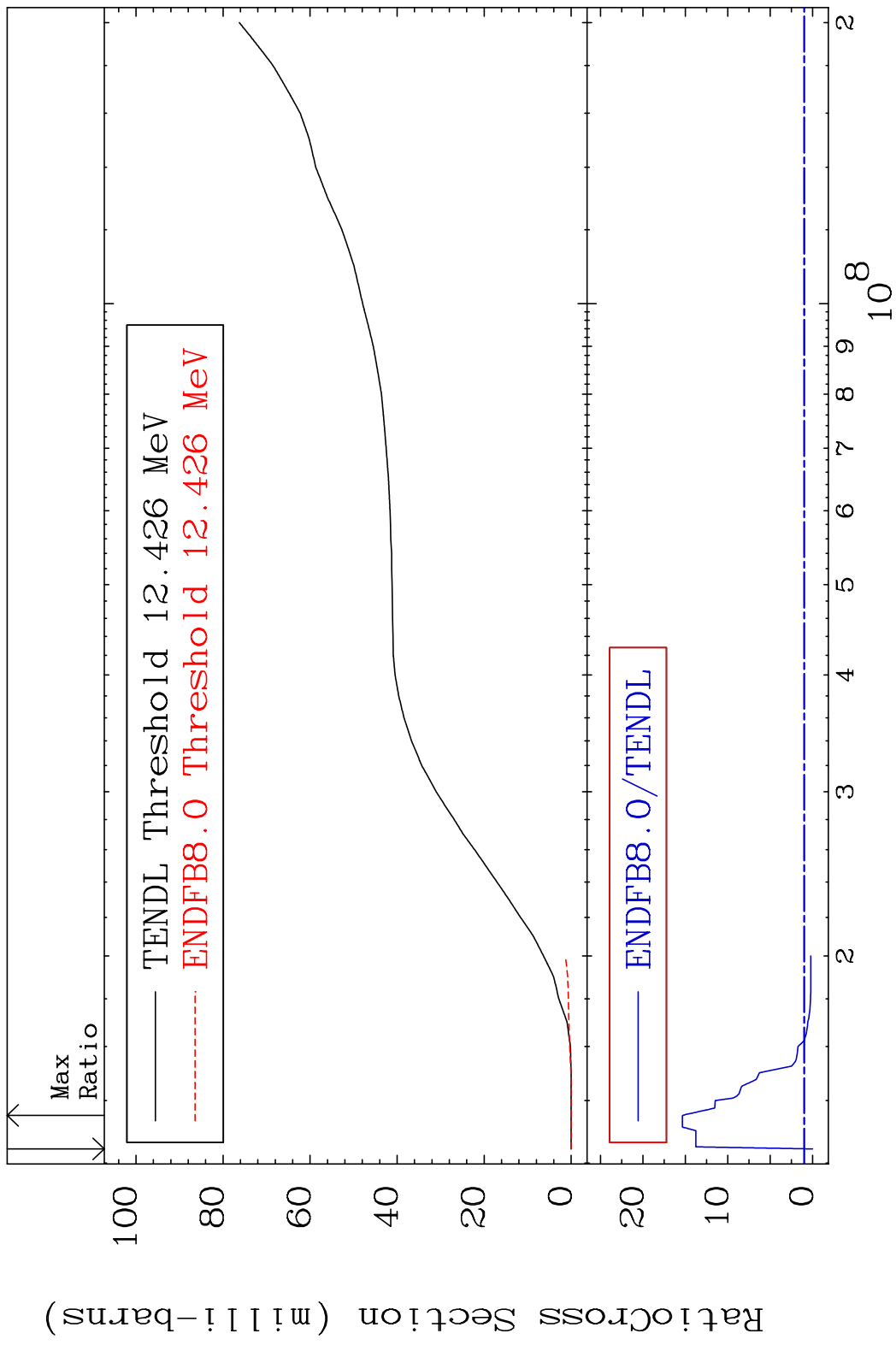


34

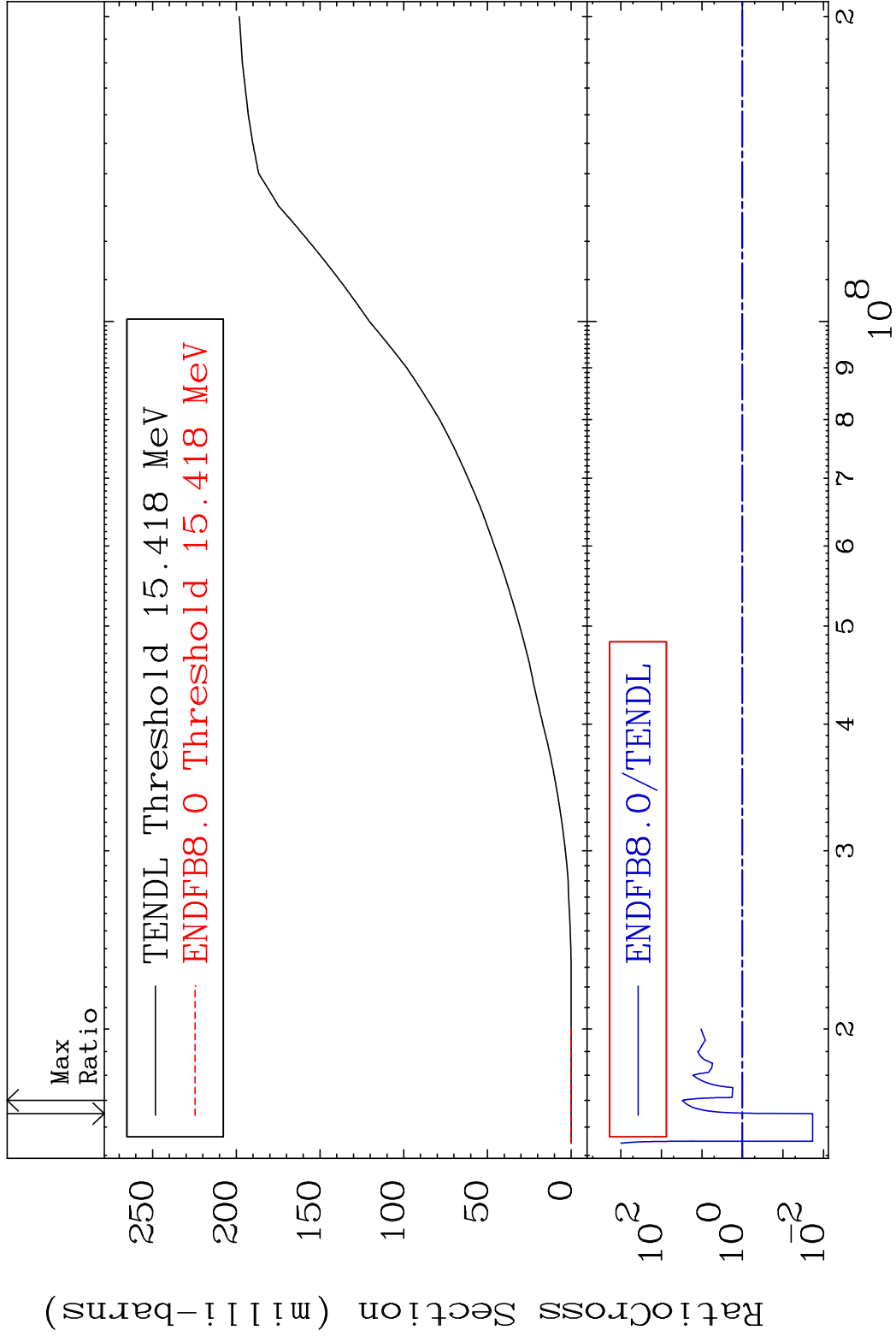
Incident Energy (eV)

18-Ar-40

MAT 1837 Tritium Production 18-Ar-40
 Cross Section -100.0 To 1436. %



Cross Section -98.13 To 2935. %

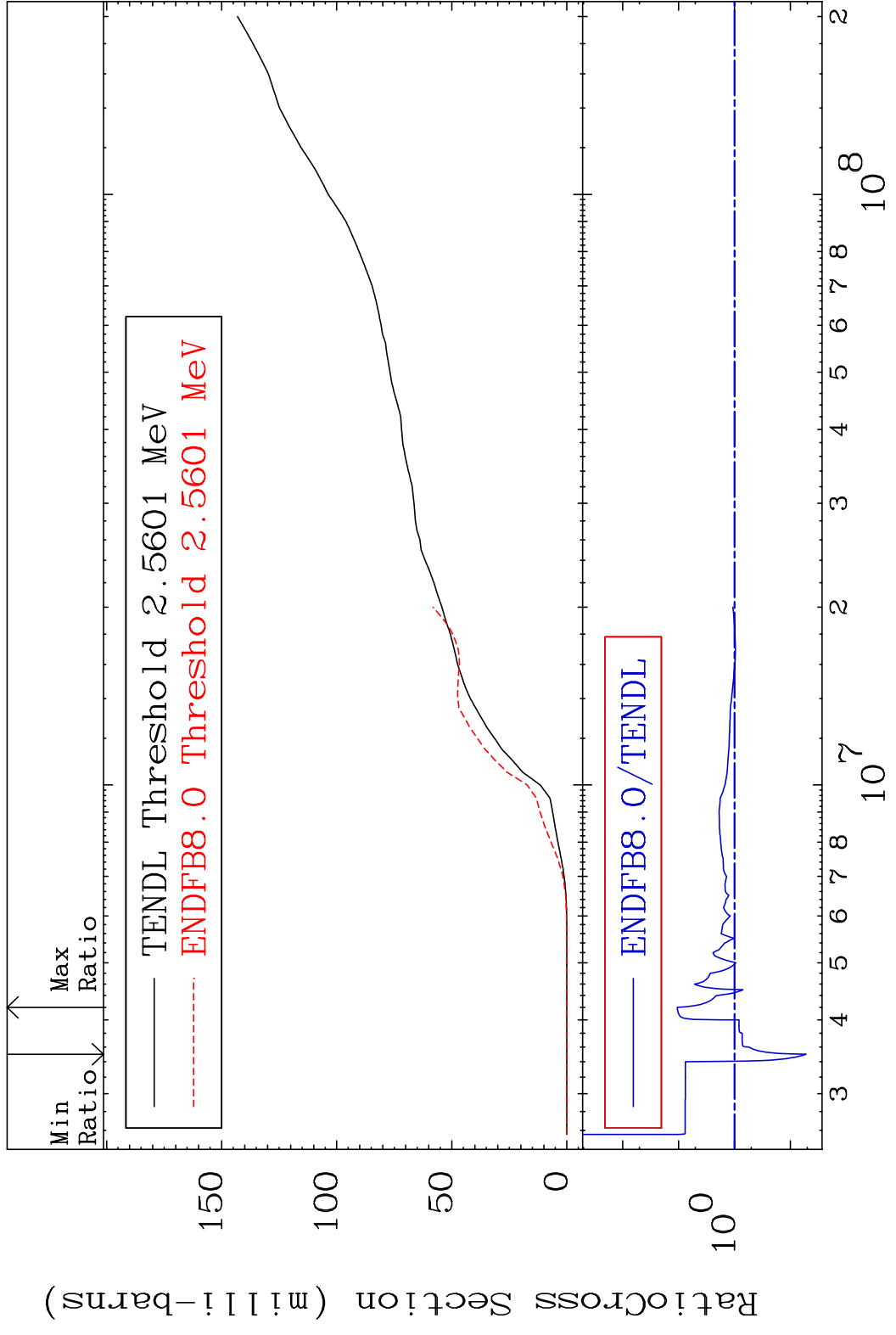


MAT 1837

He-4 Production

18-Ar-40

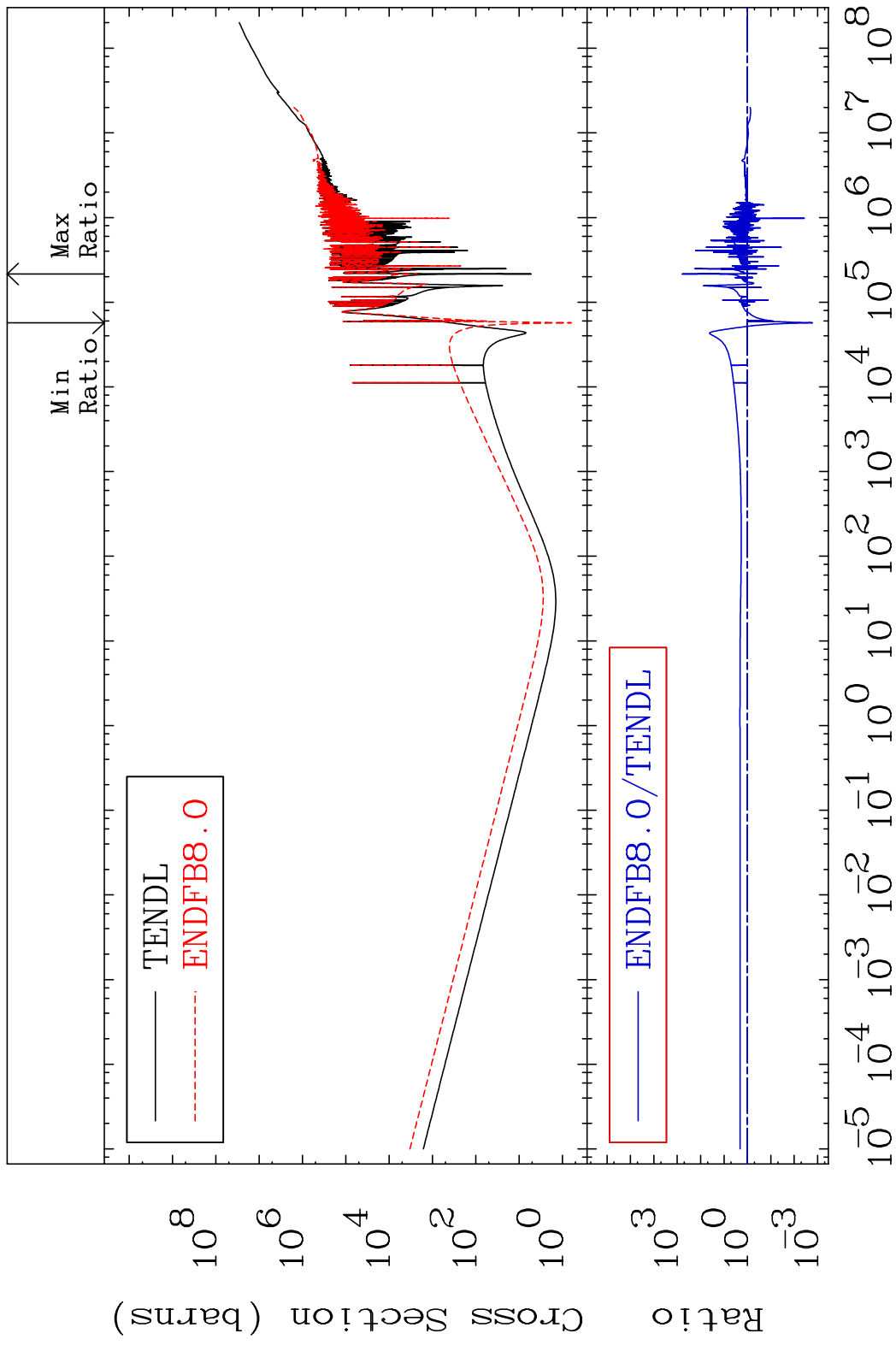
Cross Section -94.82 To 959.1 %



37

18-Ar-40

MAT 1837 Kerma total (eV-barns) 18-Ar-40
 Cross Section -99.84 To 9999. %

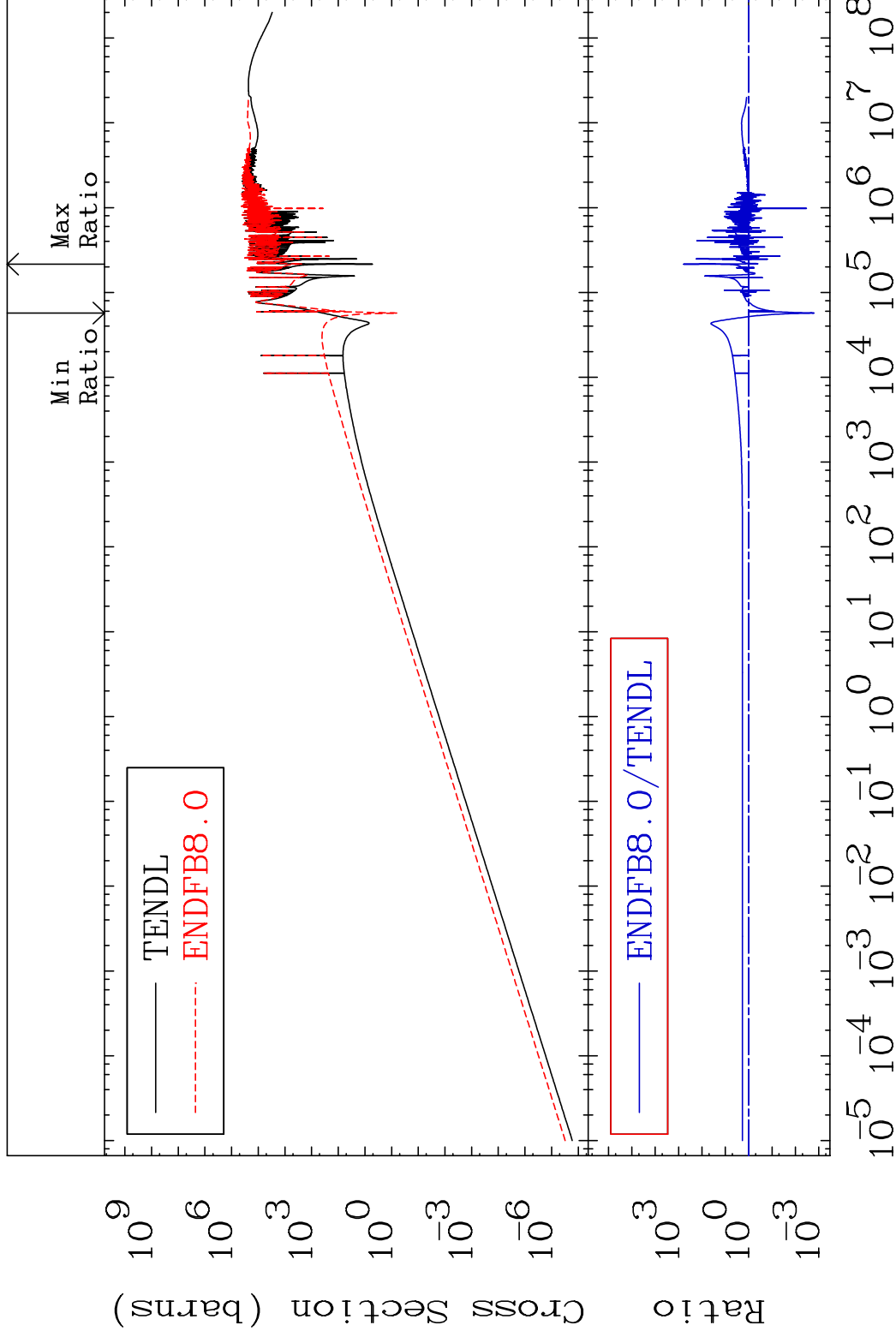


38 Incident Energy (eV) 18-Ar-40

MAT 1837

Kerma elastic
Cross Section

18-Ar-40
-99.84 To 9999. %

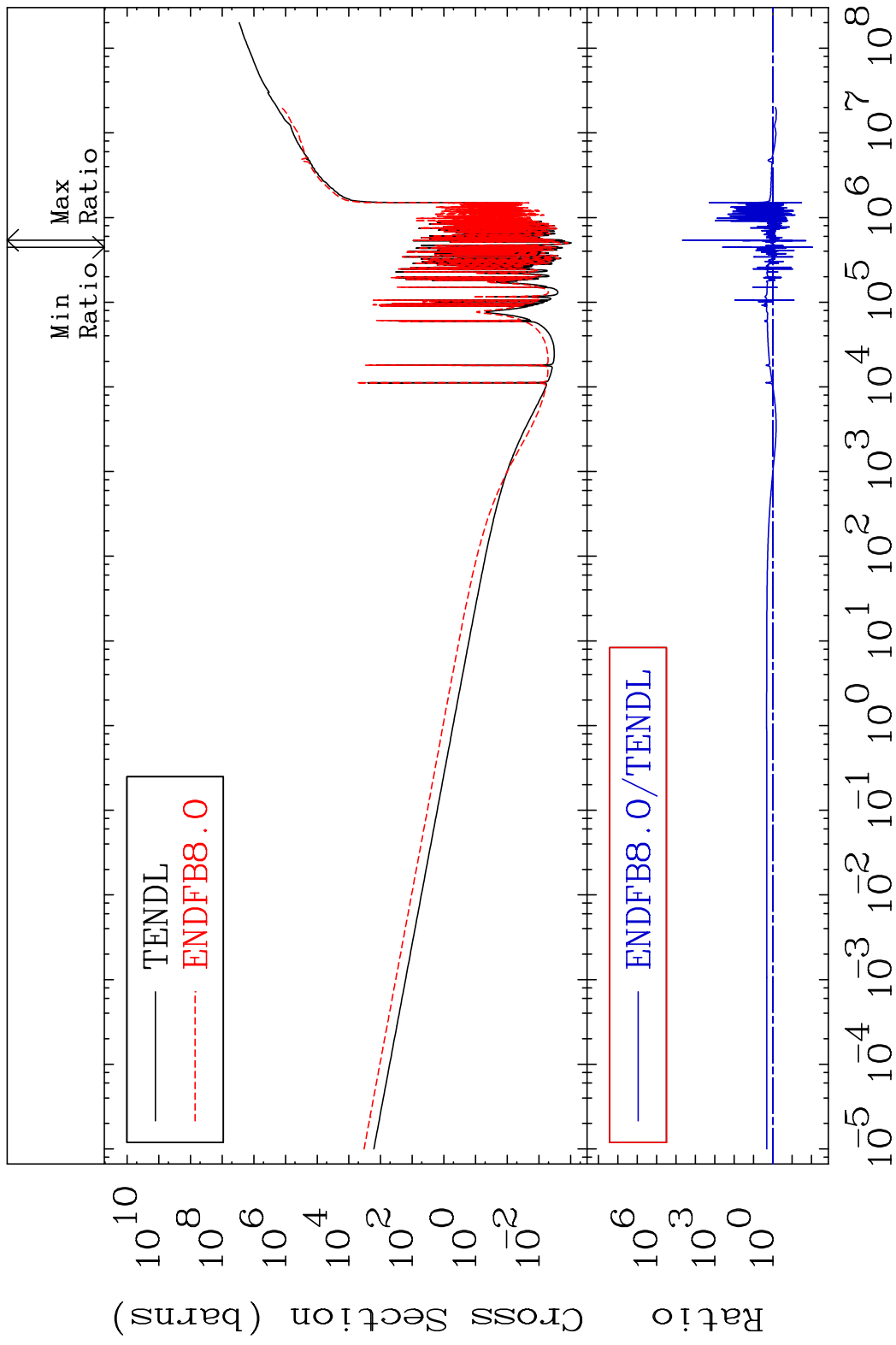


39

Incident Energy (eV)

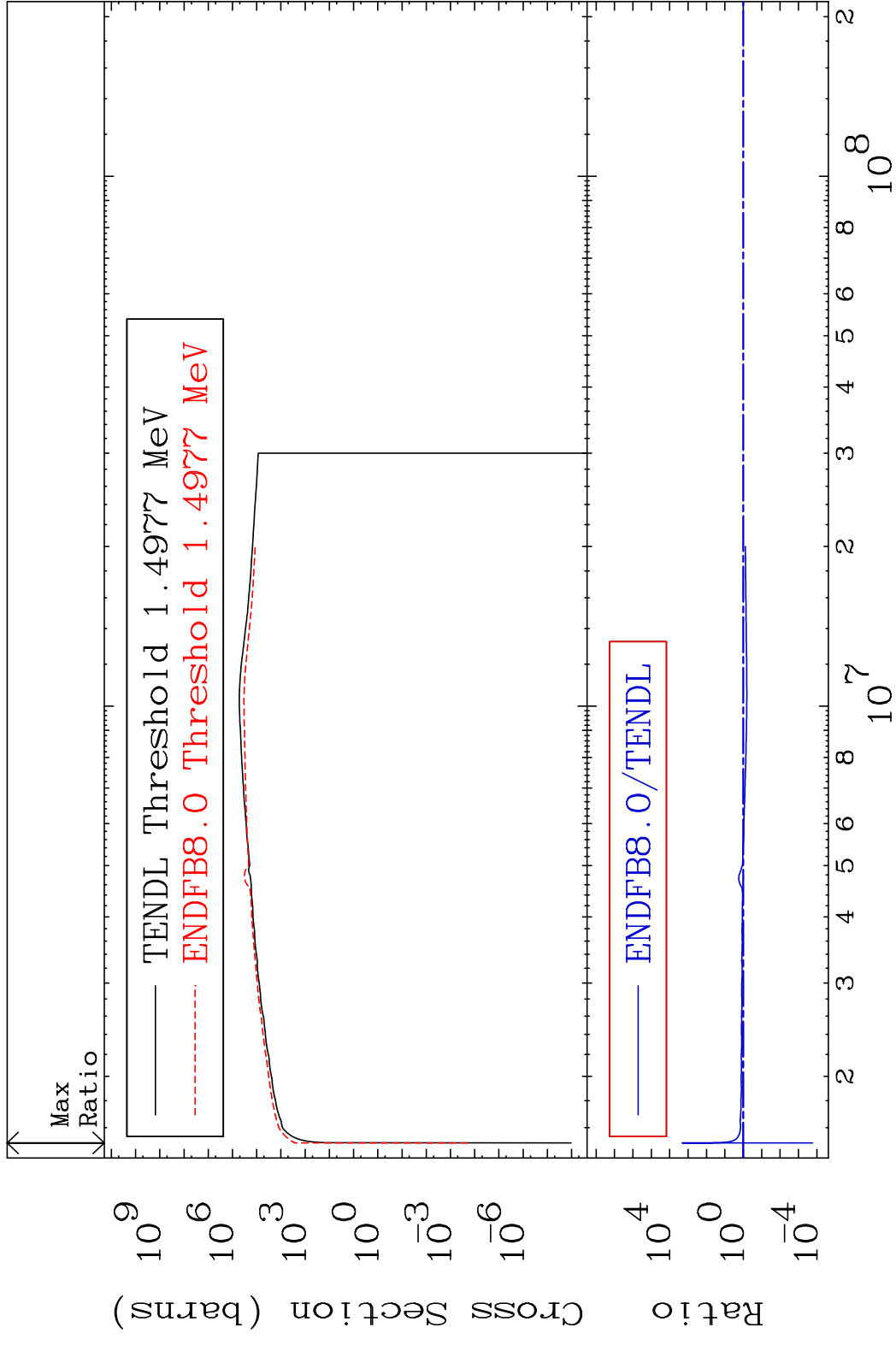
18-Ar-40

MAT 1837 Kerma non-elastic (all but mt2) 18-Ar-40
 Cross Section -99.11 To 9999. %

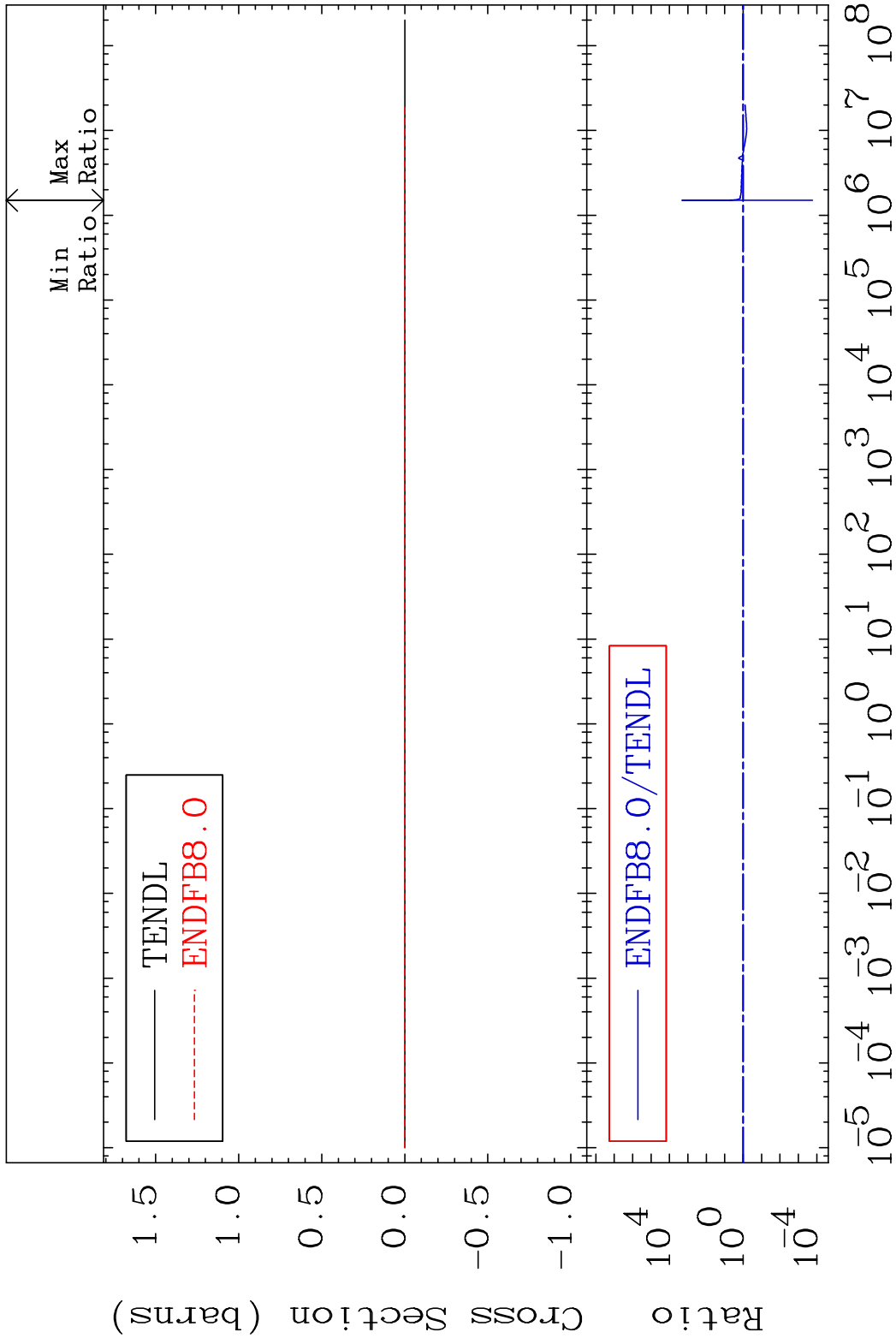


40 Incident Energy (eV) 18-Ar-40

MAT 1837 Kerma inelastic (mt51-91) 18-Ar-40
 Cross Section -99.98 To 9999. %

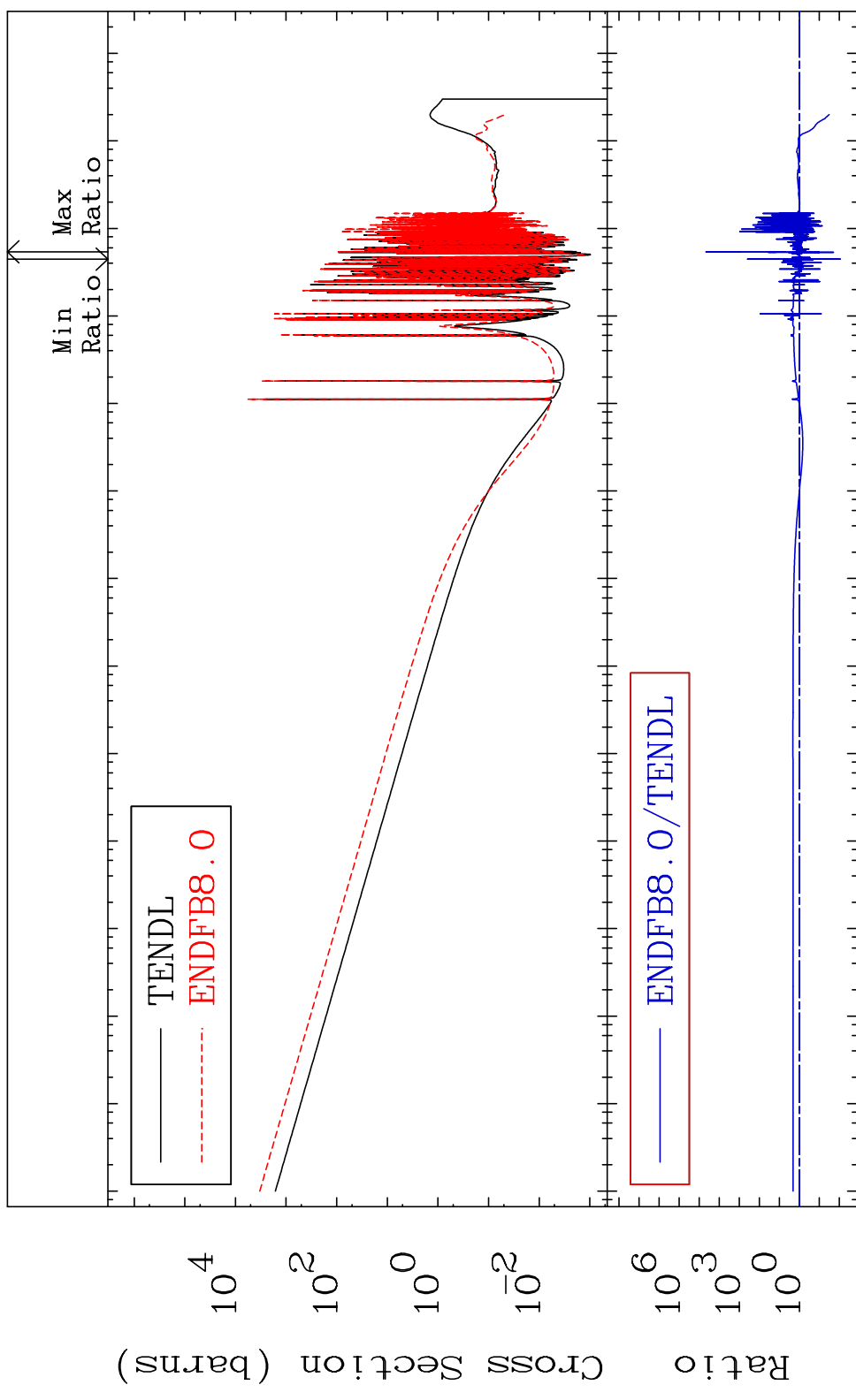


MAT 1837 Kerma fission (mt18 or mt19-20-21-38) 18-Ar-40
 Cross Section -99.98 To 9999. %



MAT 1837

Kerma capture (mt102) 18-Ar-40
Cross Section -99.11 To 9999. %



43

Incident Energy (eV)

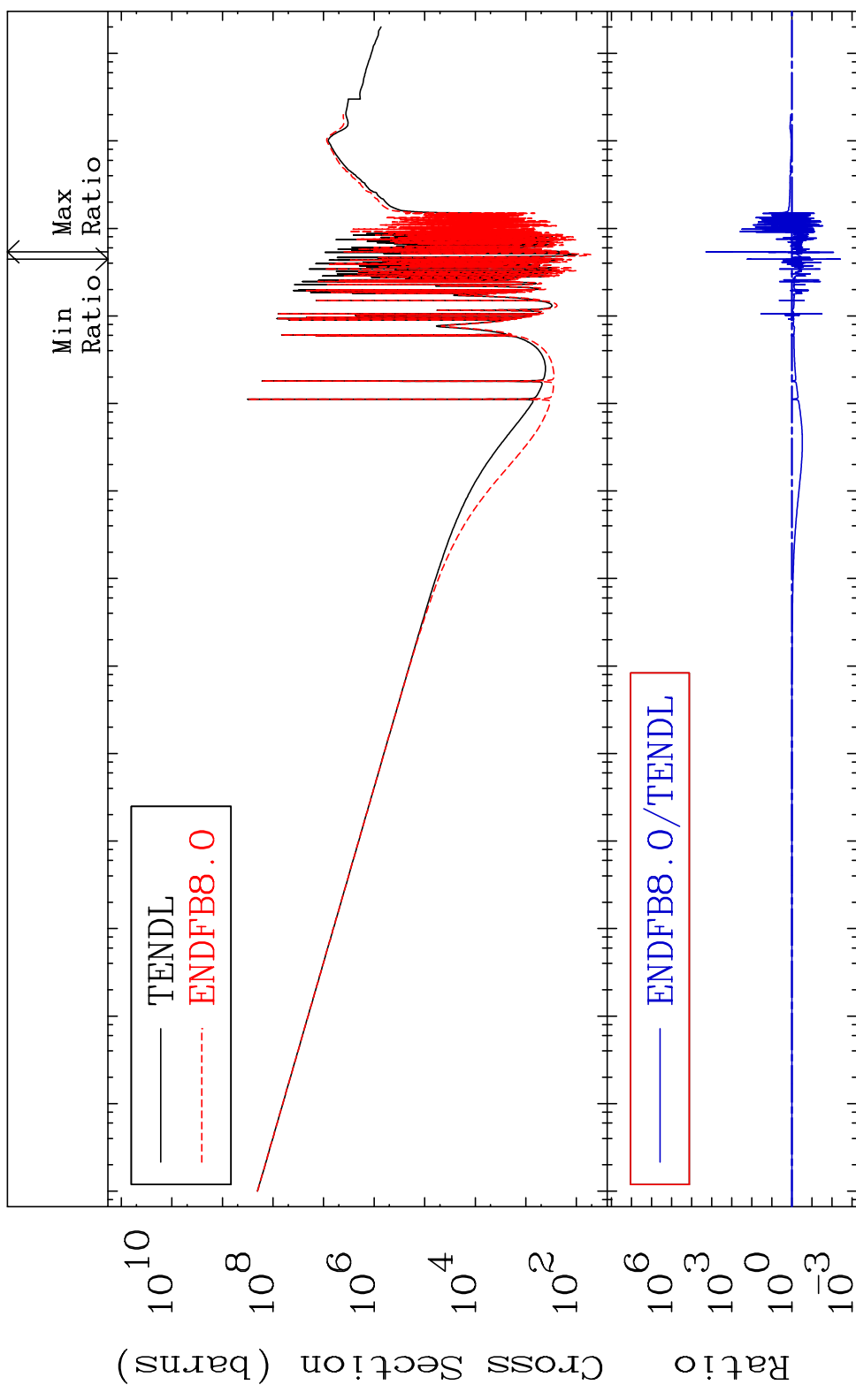
18-Ar-40

MAT 1837

Total photon (eV-barns)

18-Ar-40

Cross Section -99.62 To 9999. %

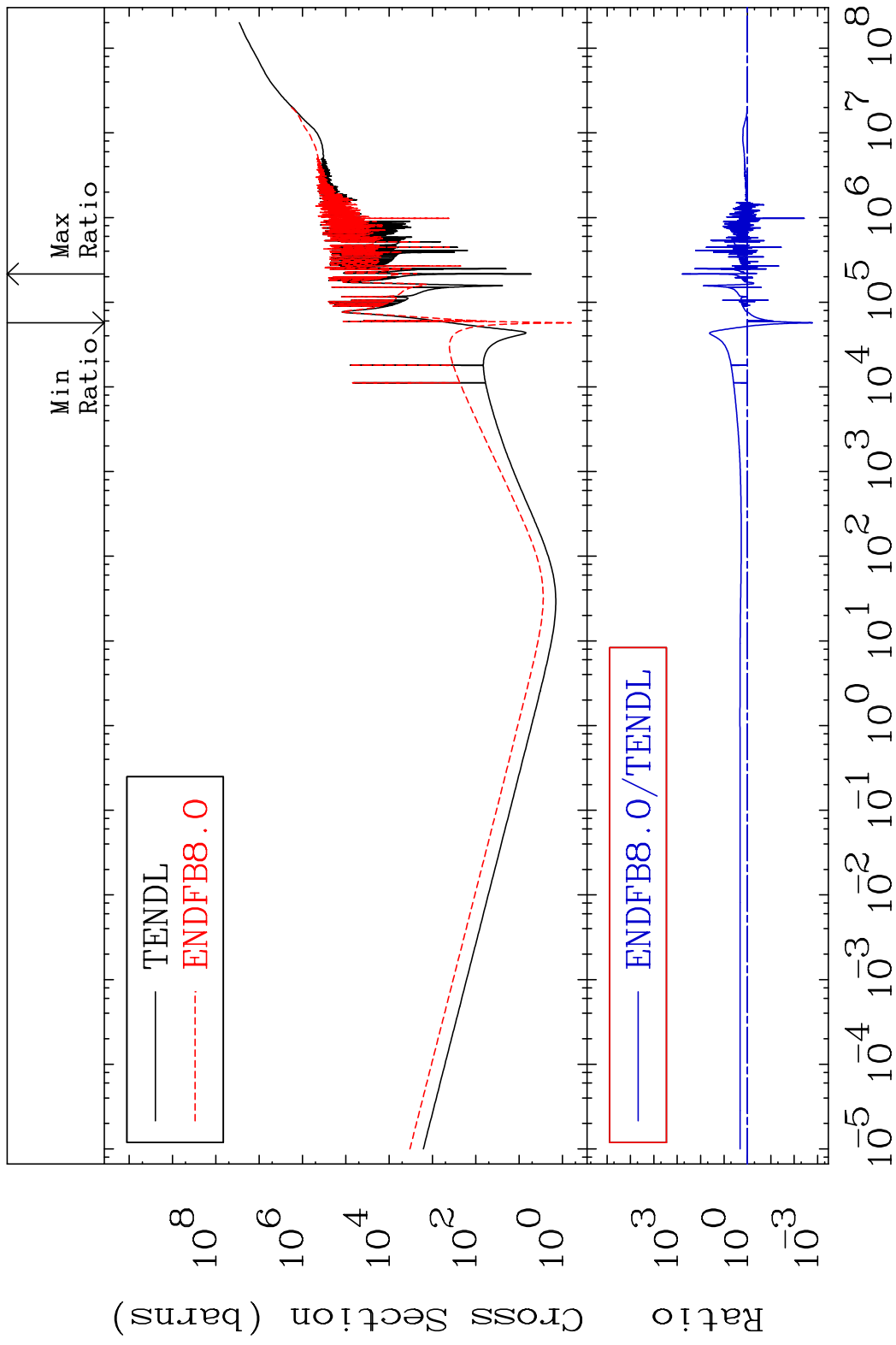


44

Incident Energy (eV)

18-Ar-40

MAT 1837 Total kinematic kerma (high limit) 18-Ar-40
 Cross Section -99.84 To 9999. %

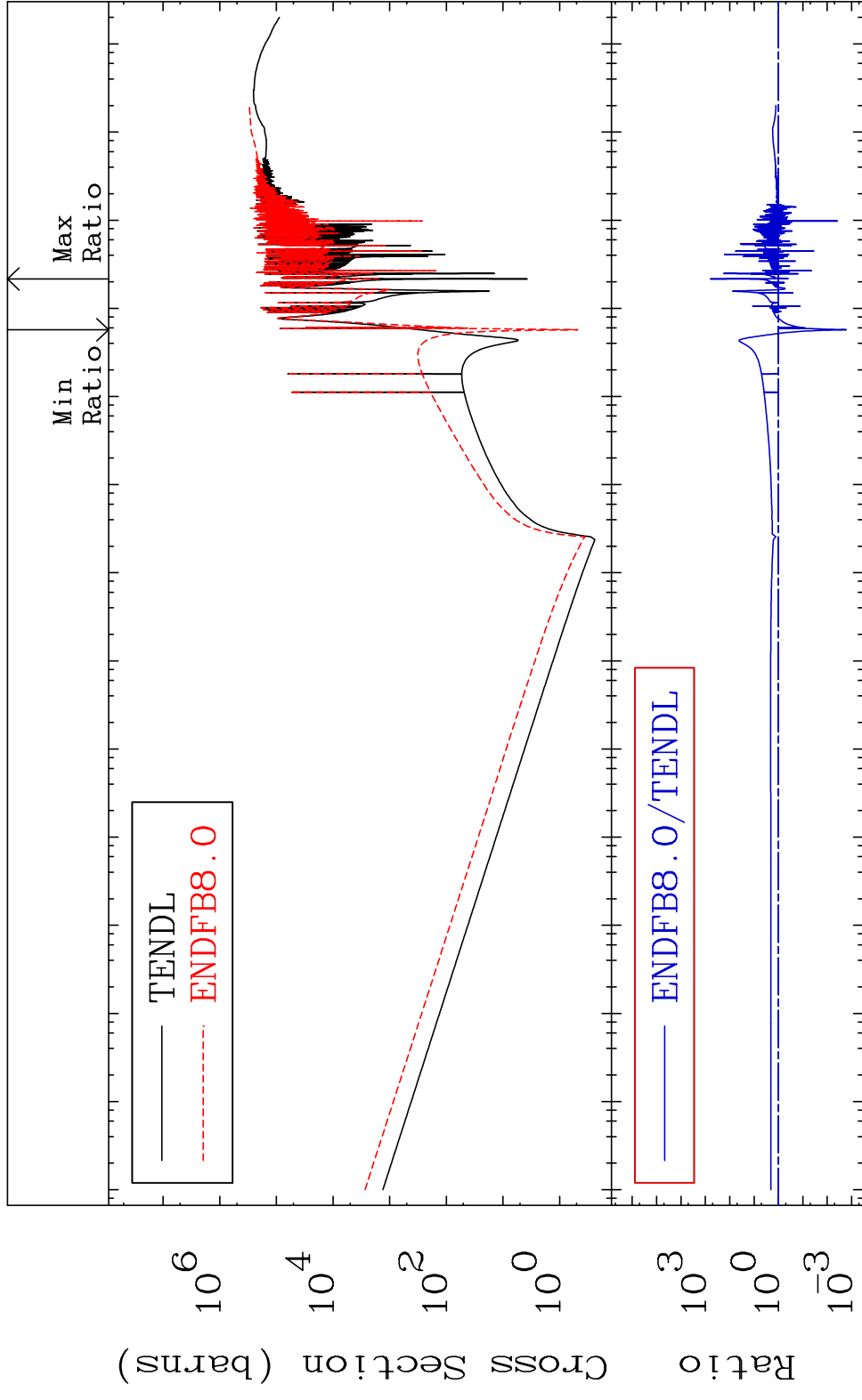


MAT 1837

Dpa total (eV-barns)

18-Ar-40

Cross Section -99.84 To 9999. %



46

Incident Energy (eV)

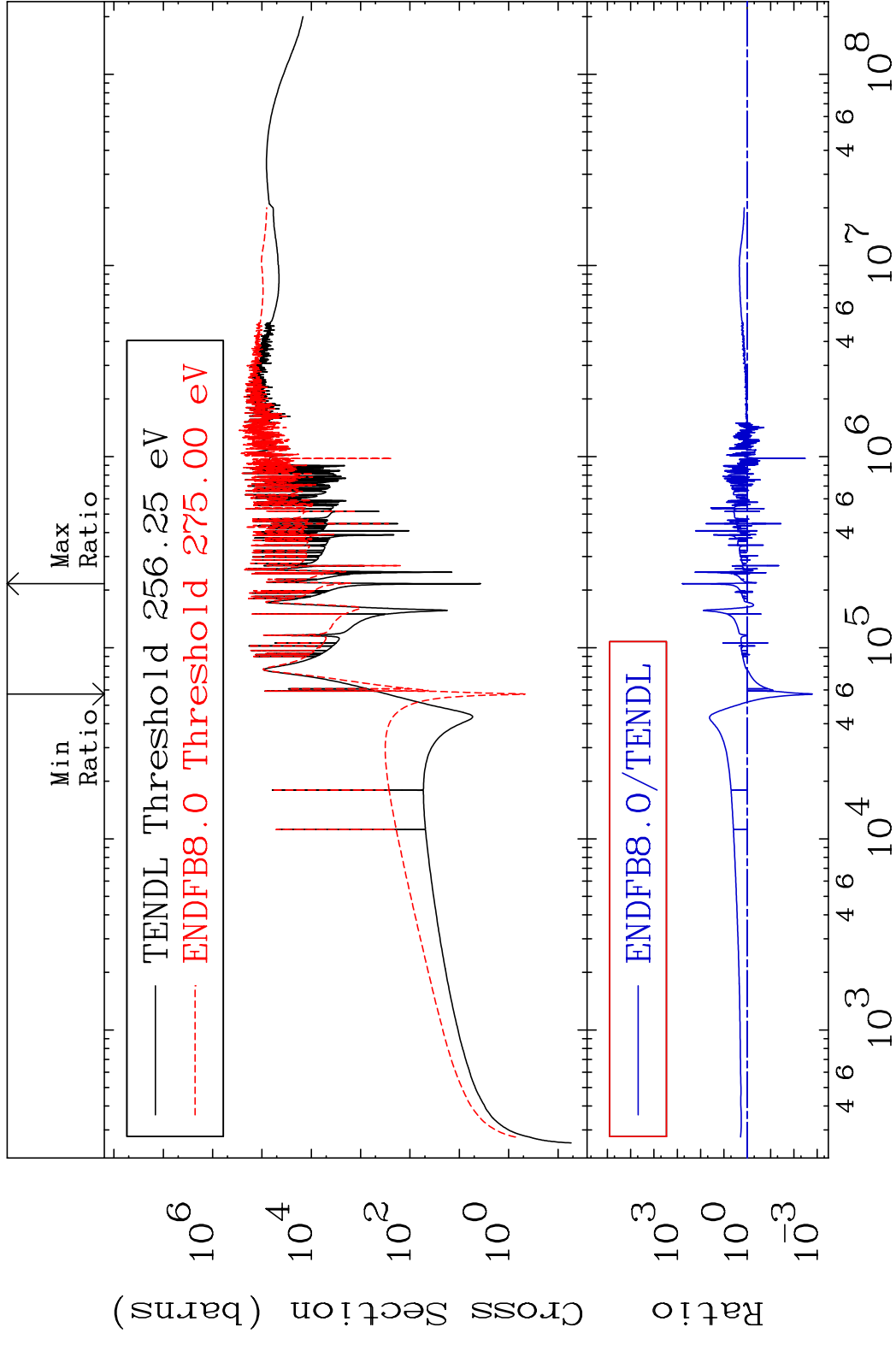
18-Ar-40

MAT 1837

Dpa elastic (mt2)

18-Ar-40

Cross Section -99.84 To 9999. %

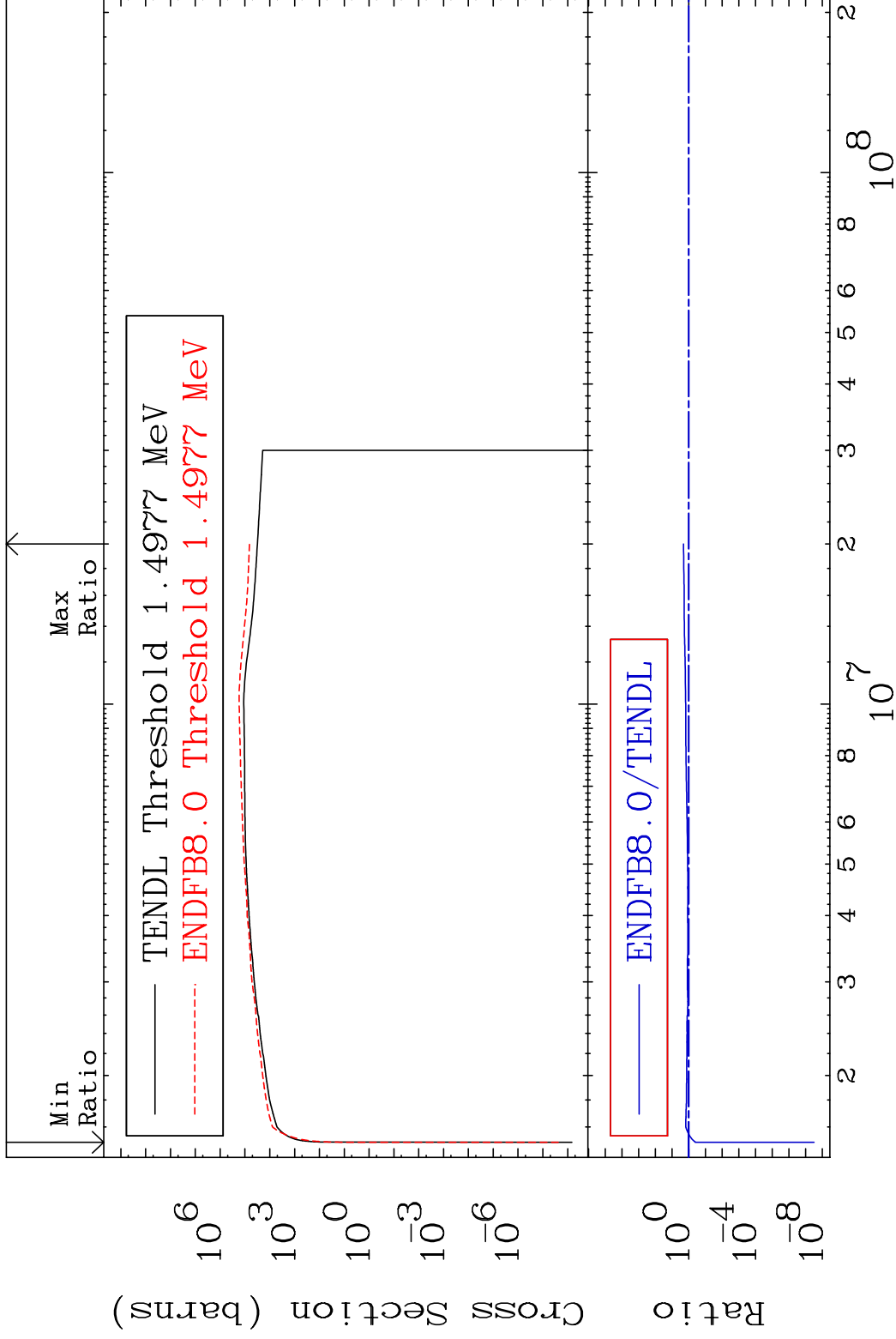


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Incident Energy (eV)

18-Ar-40

Cross Section -100.0 To 108.9 %



MAT 1837 Dpa disappearance (mt102 -120) 18-Ar-40
 Cross Section -99.12 To 9999. %

