

Program Complot
(Version 2021-1)

by

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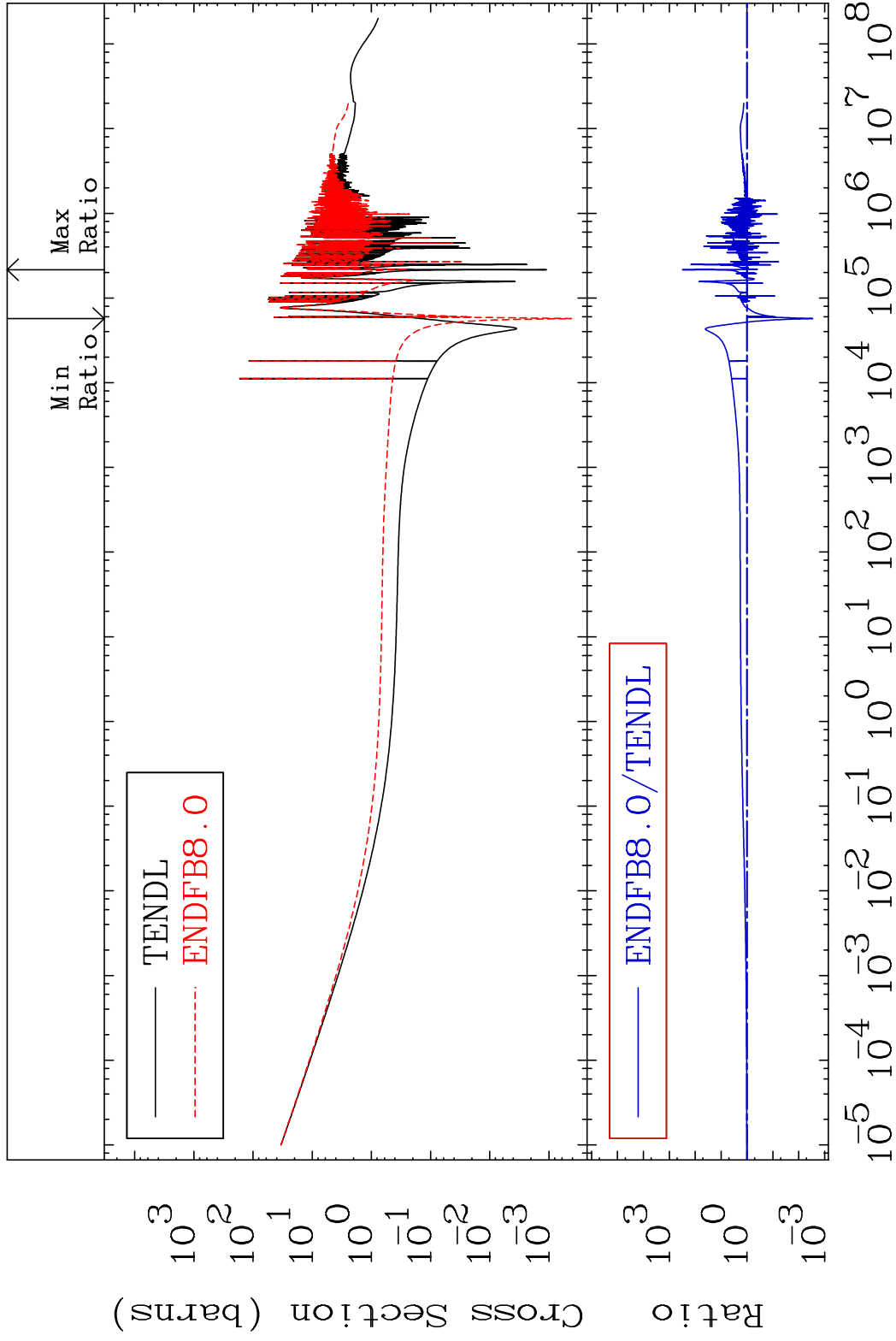
Press Mouse Button to Start

MAT 1837

Total

18-Ar-40

Cross Section -99.71 To 9999. %



1

Incident Energy (eV)

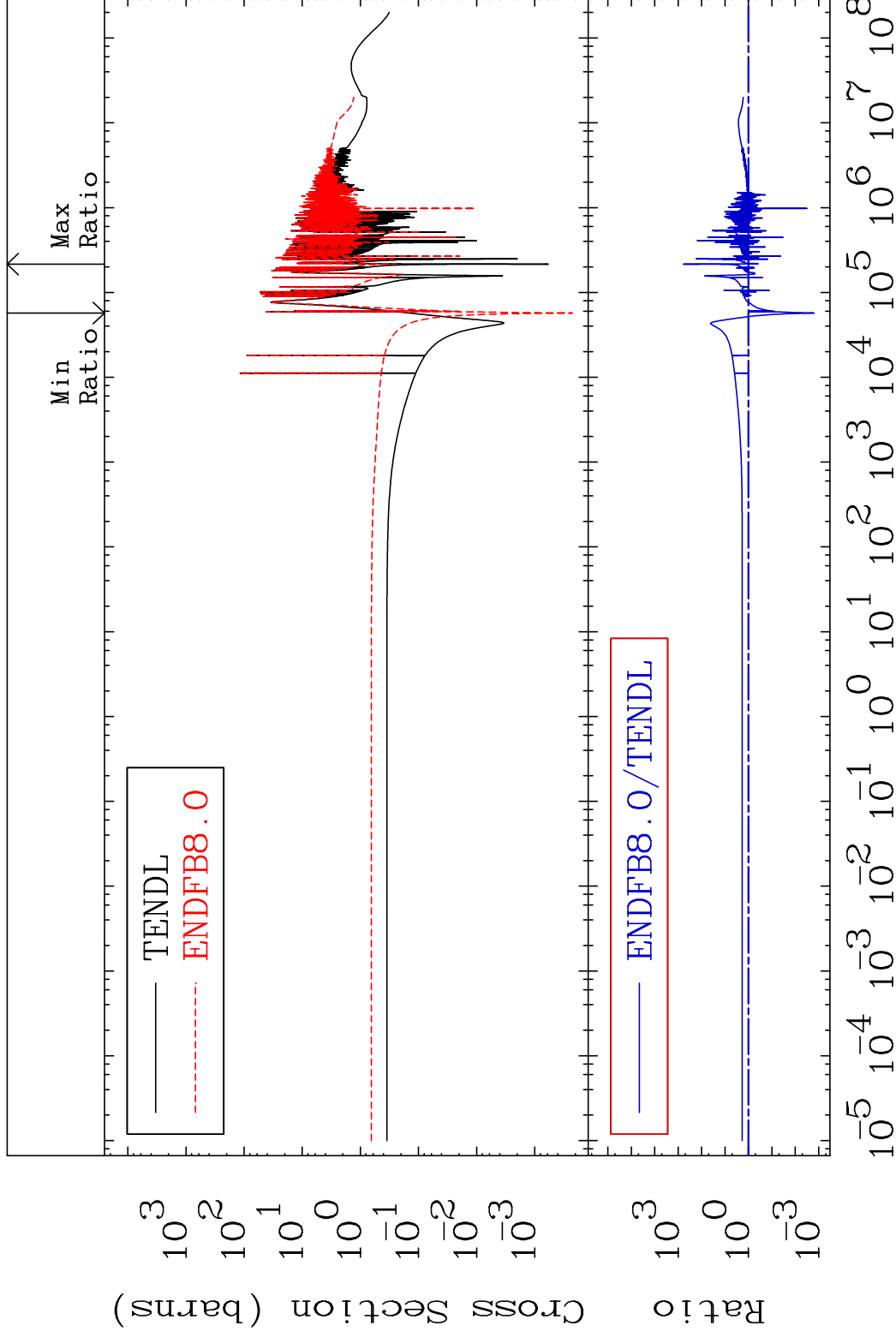
18-Ar-40

MAT 1837

Elastic

18-Ar-40

Cross Section -99.84 To 9999. %



2

Incident Energy (eV)

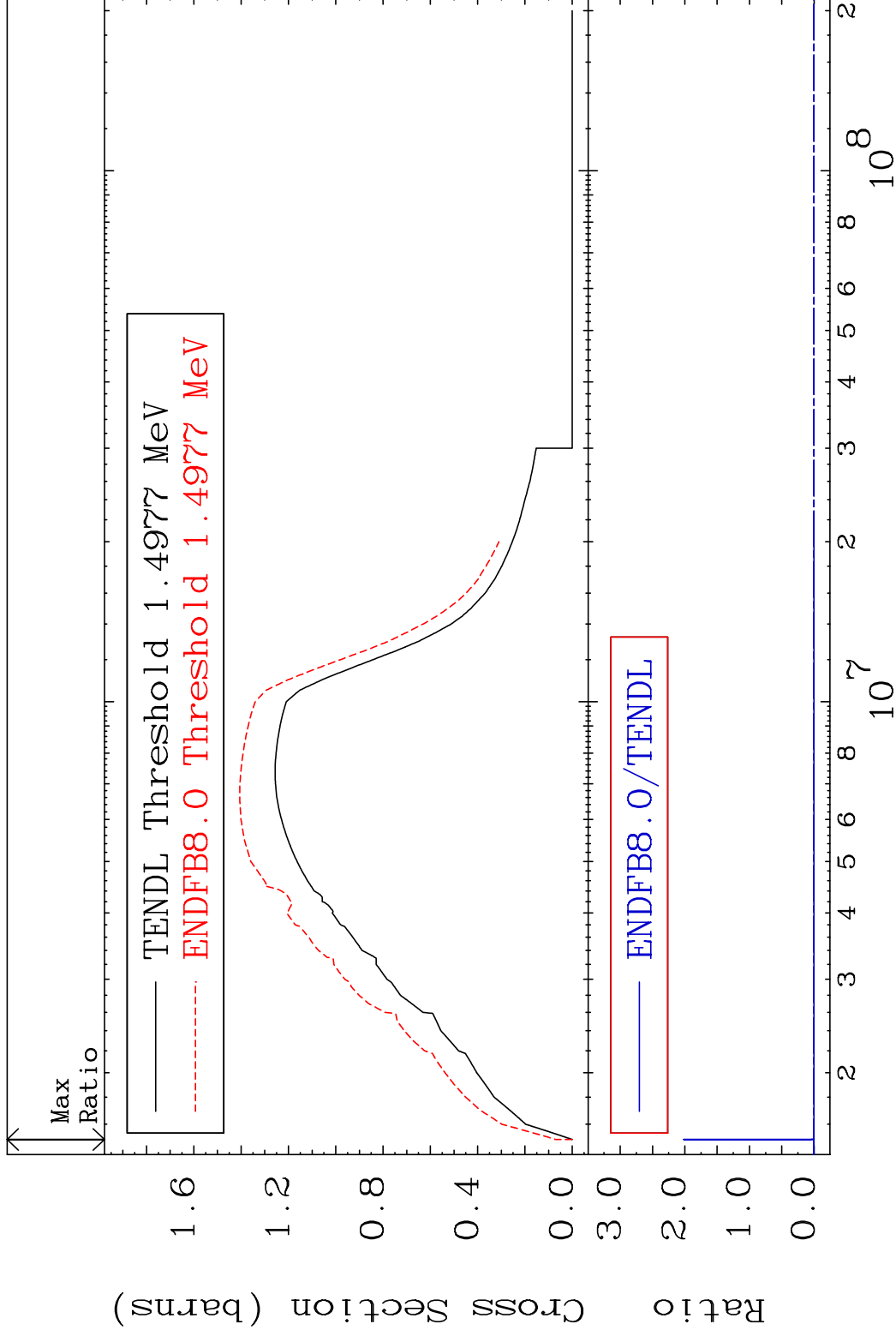
18-Ar-40

MAT 1837

Inelastic

18-Ar-40

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

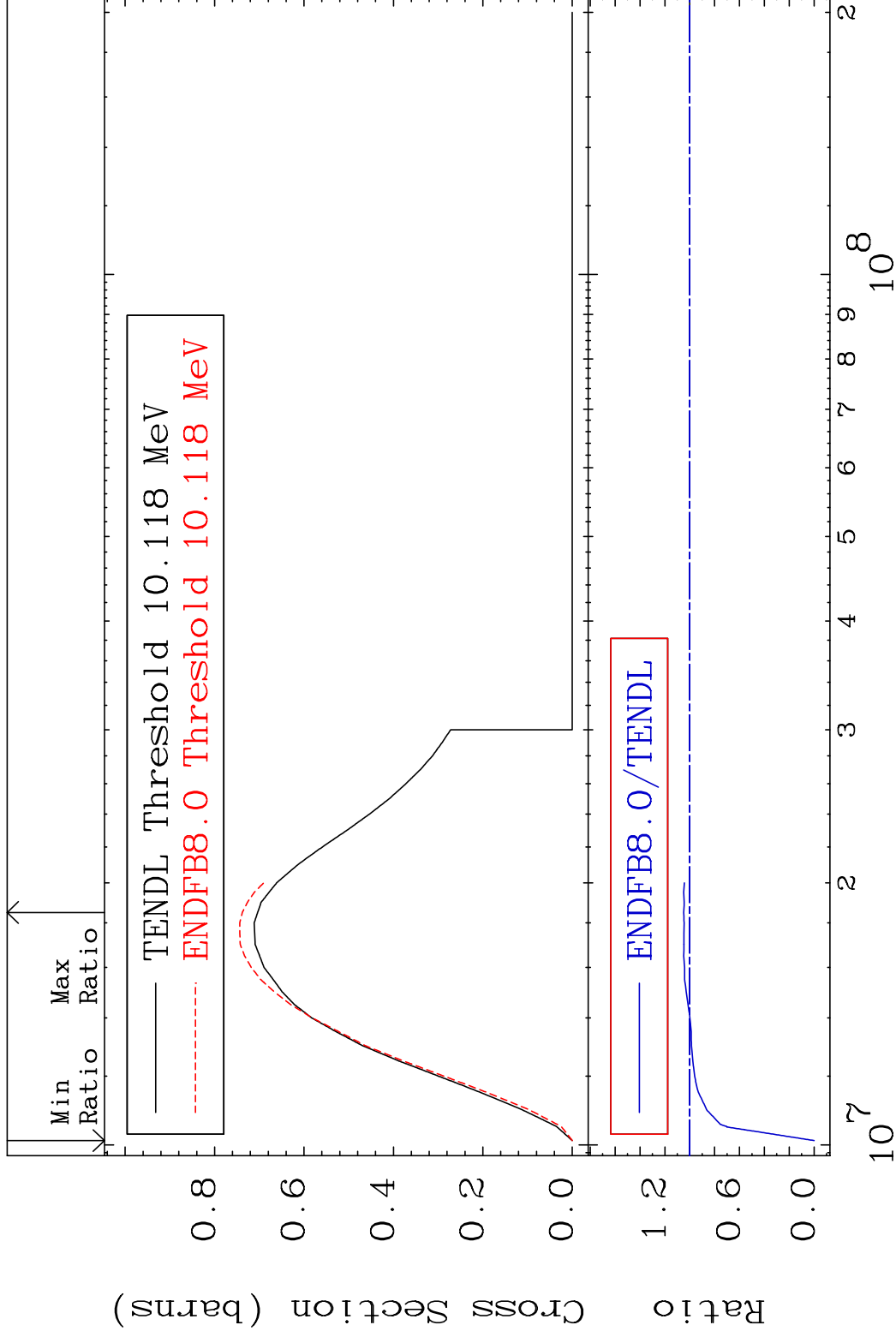
18-Ar-40

MAT 1837

(n,2n)

18-Ar-40

Cross Section -100.0 To 4.874 %



4

Incident Energy (eV)

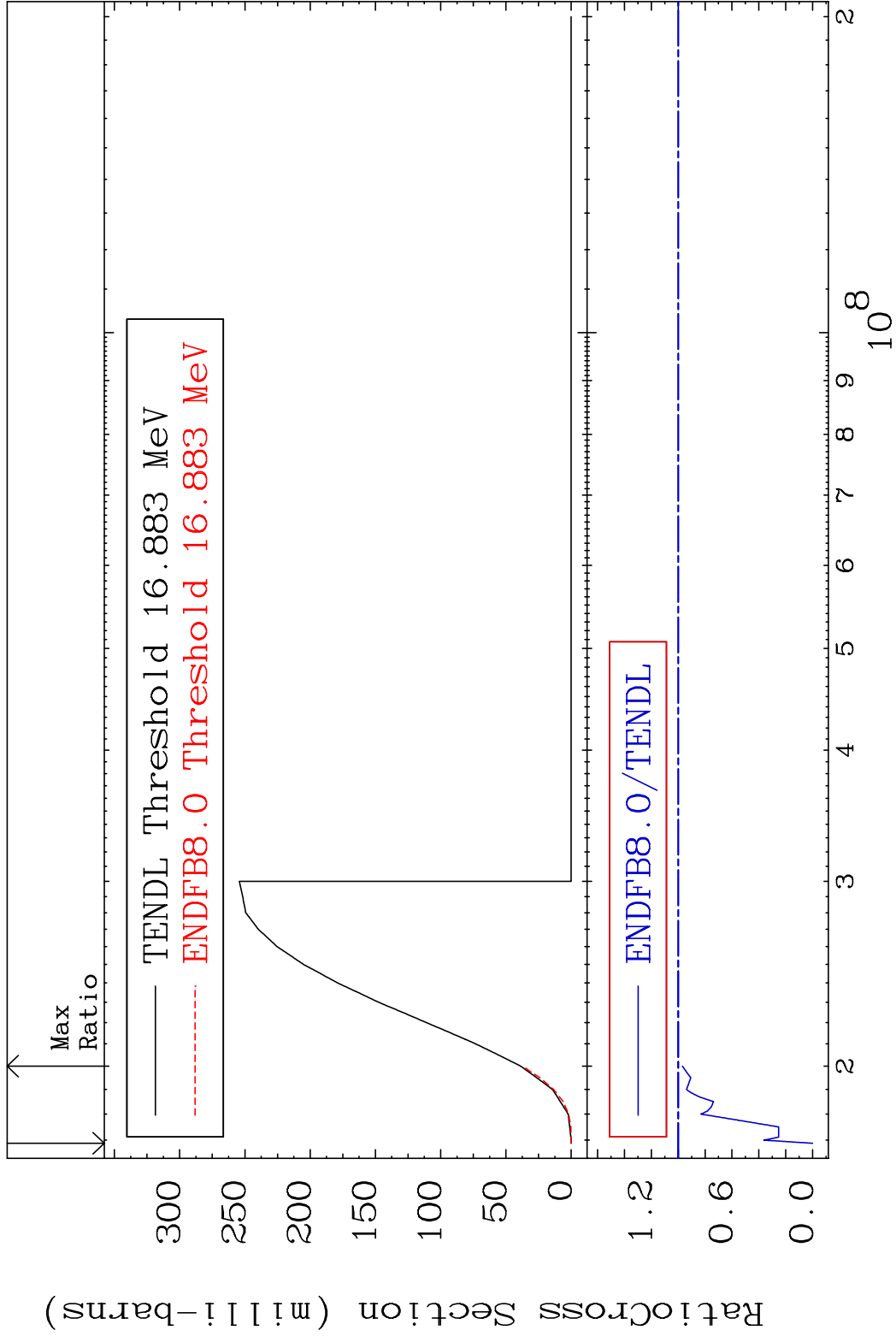
18-Ar-40

MAT 1837

(n,3n)

18-Ar-40

Cross Section -100.0 To -3.083%

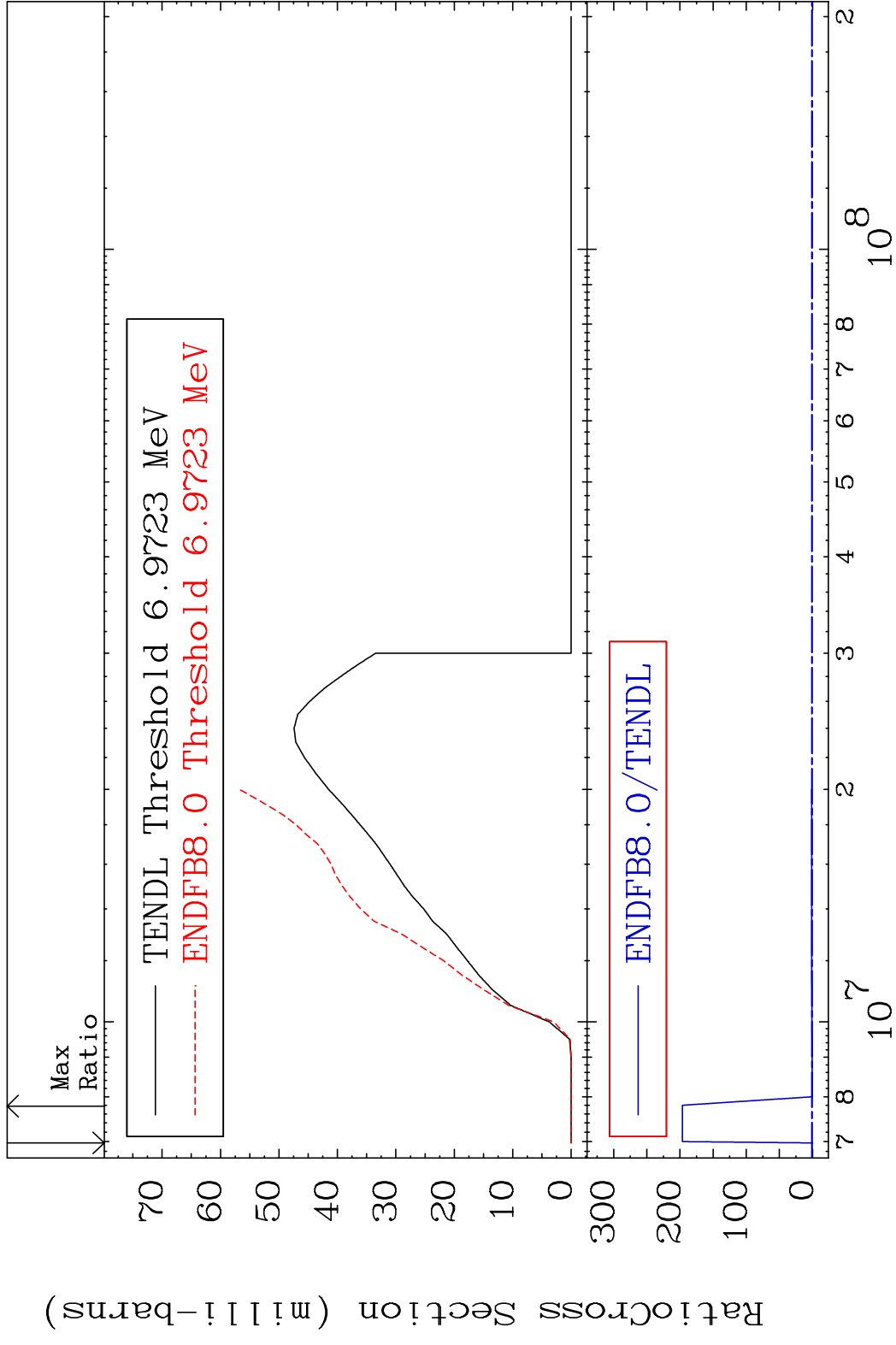


5

Incident Energy (eV)

18-Ar-40

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



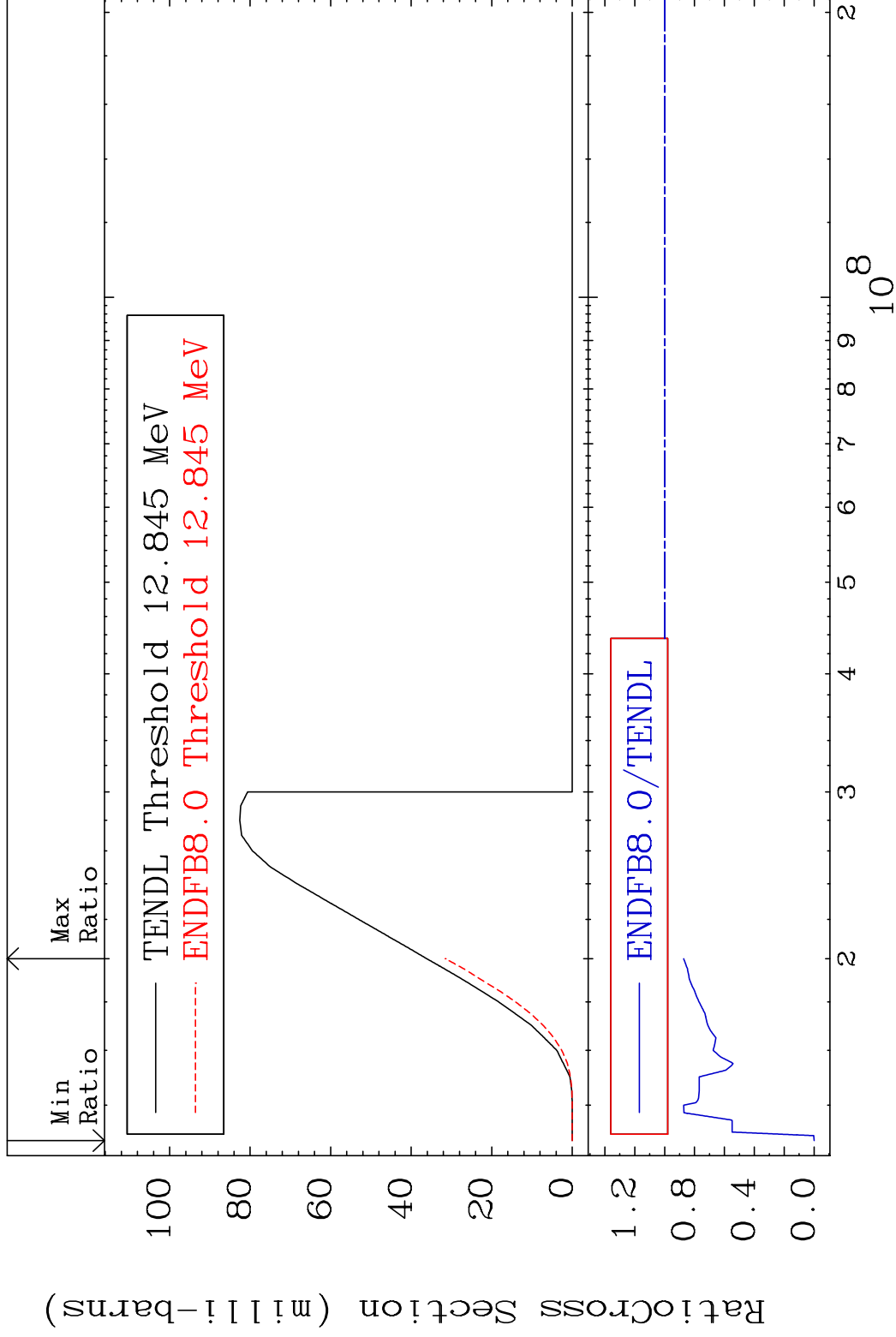
6 Incident Energy (eV) 18-Ar-40

MAT 1837

(n, n') p

18-Ar-40

Cross Section -100.0 To -12.72%

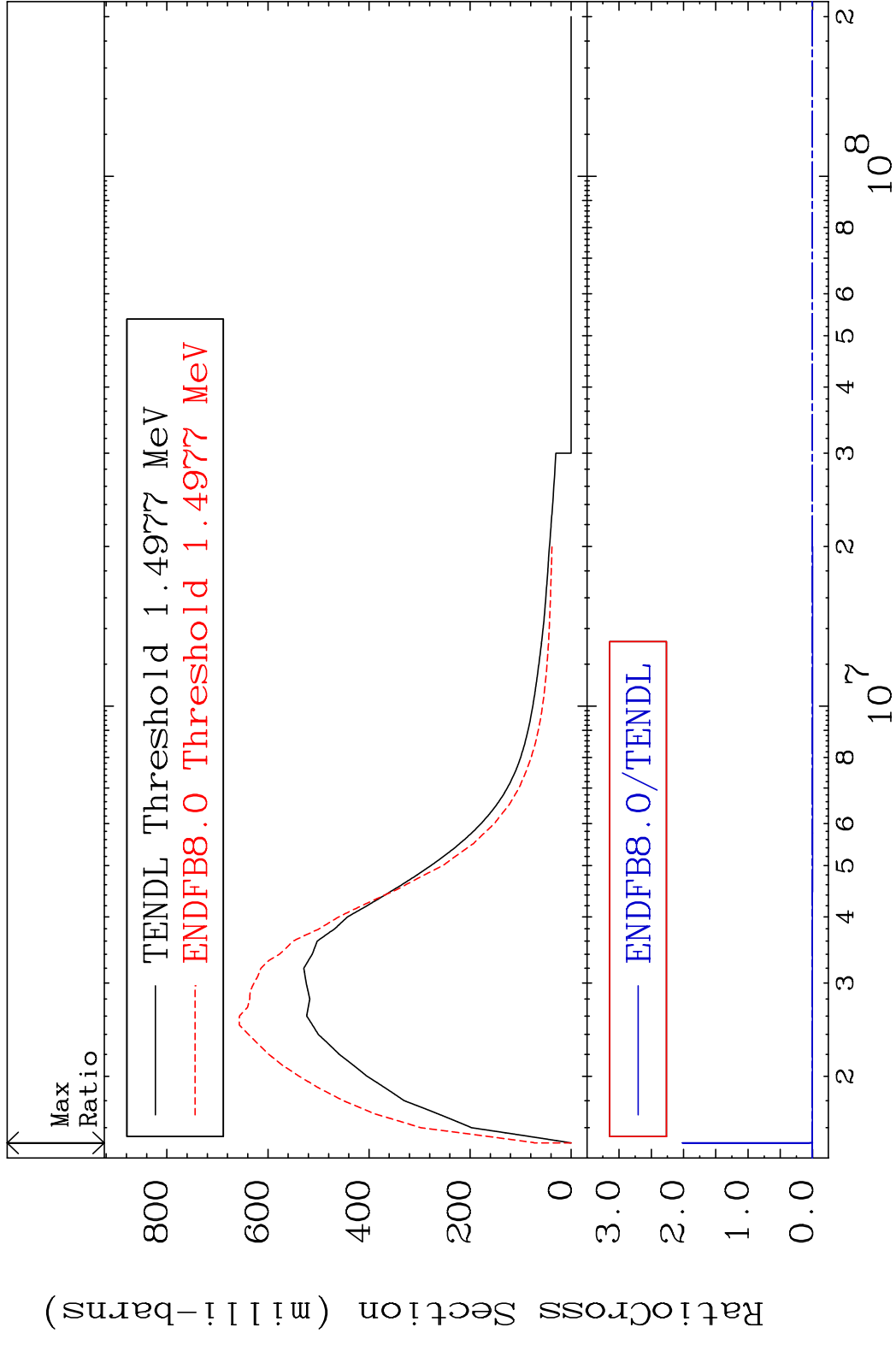


7

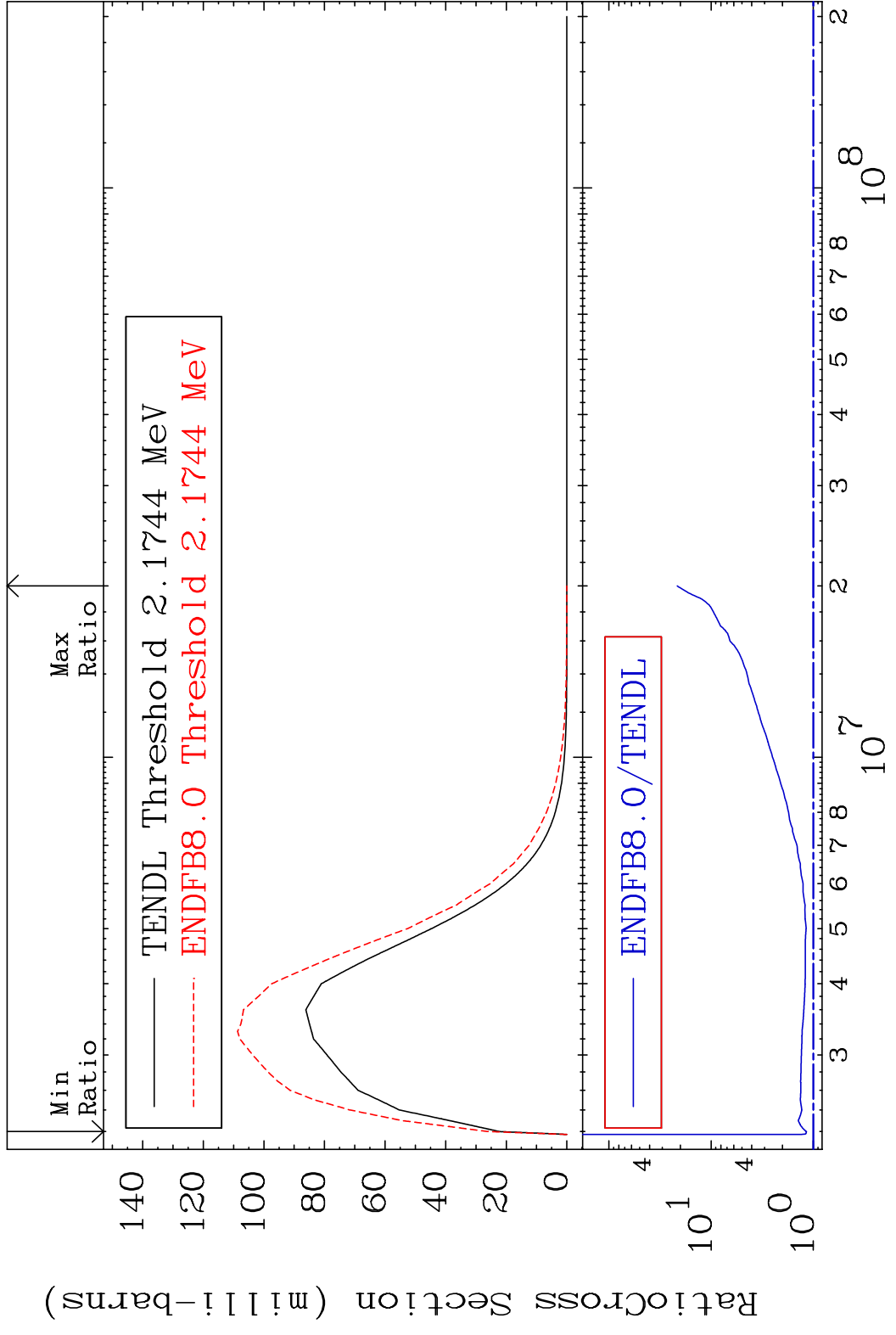
Incident Energy (eV)

18-Ar-40

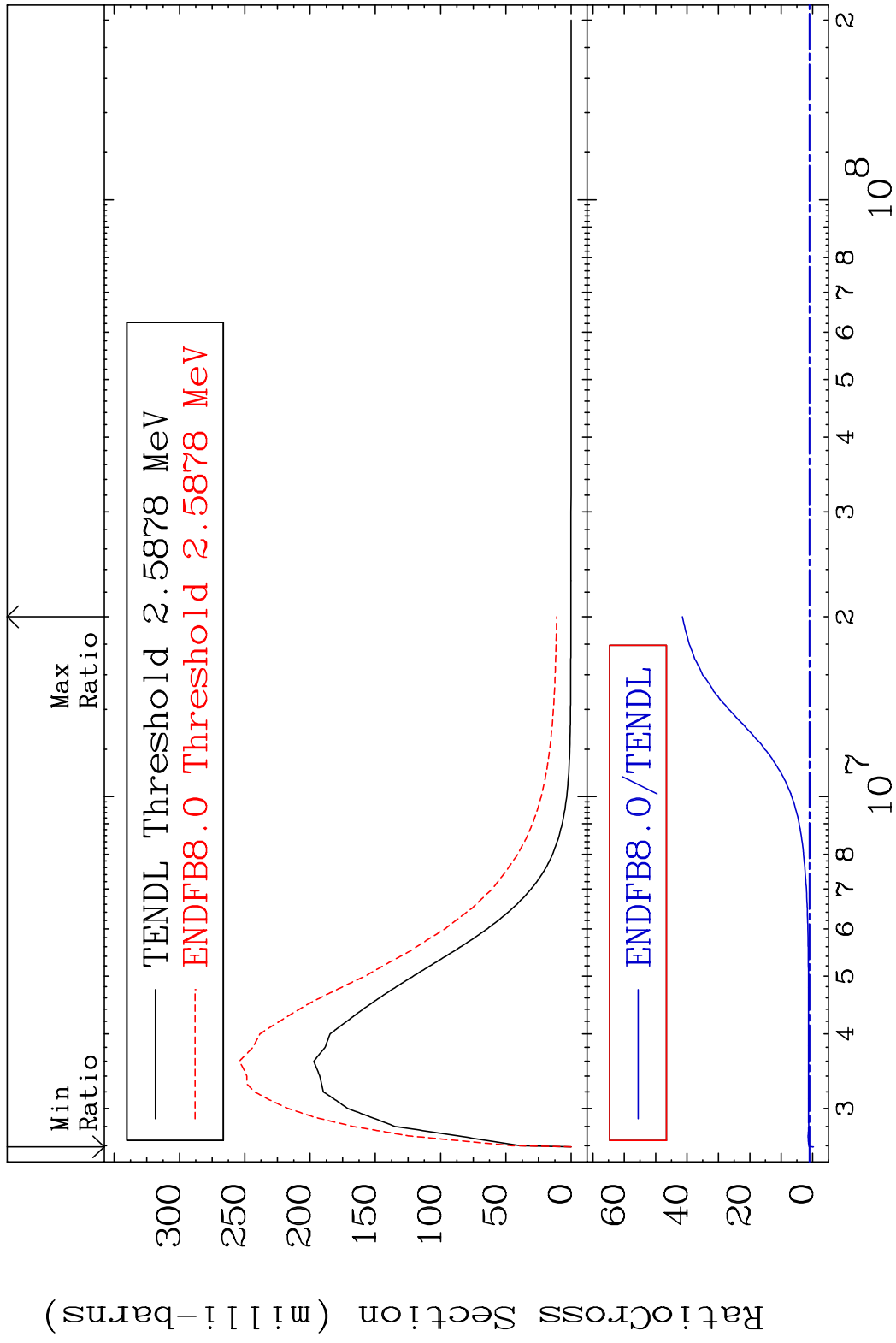
MAT 1837 MT= 51 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 9999. %



MAT 1837 MT= 52 (n, n') Level 18-Ar-40
 Cross Section 16.95 To 2046. %

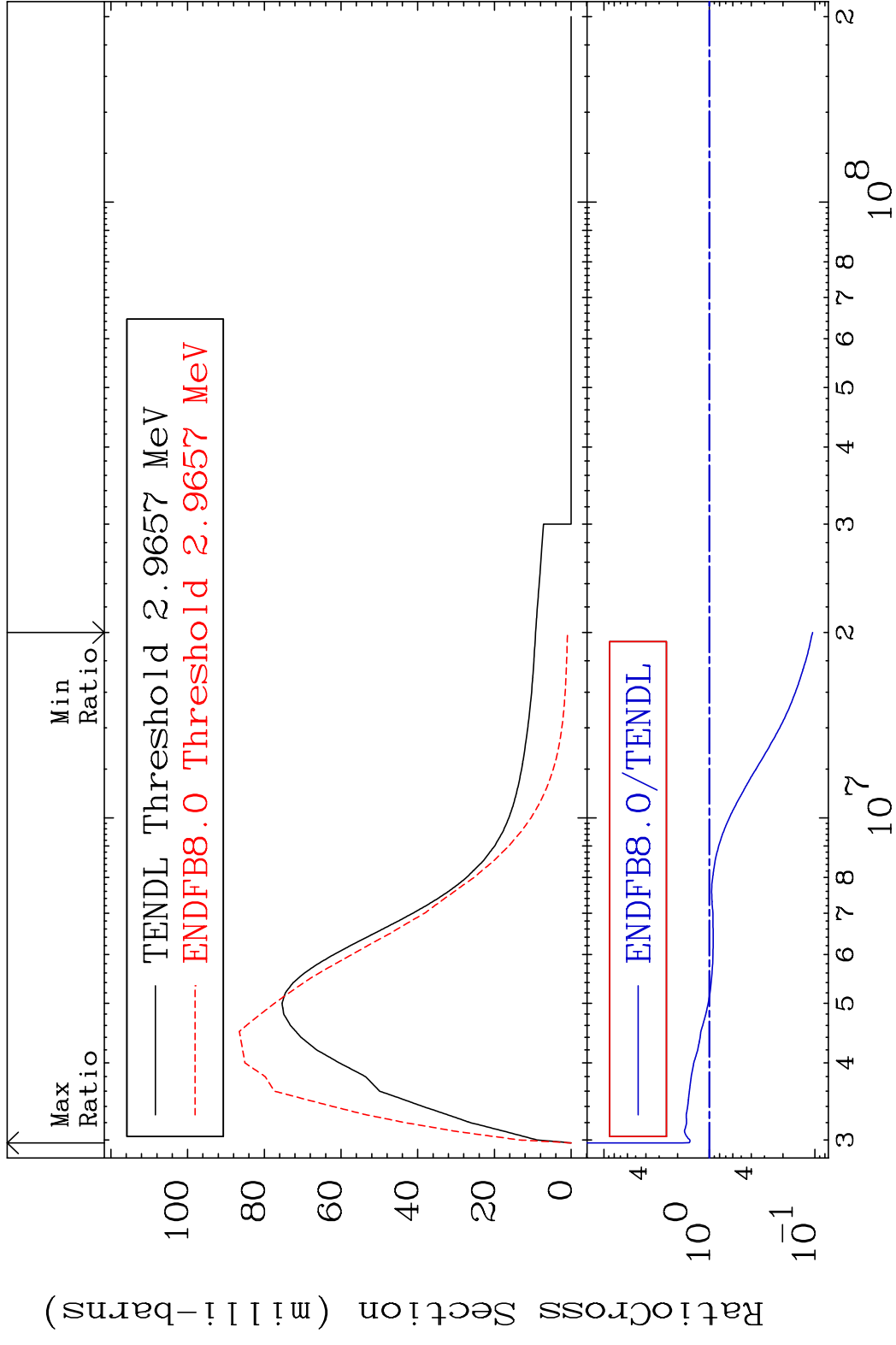


MAT 1837 MT= 53 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 4049. %

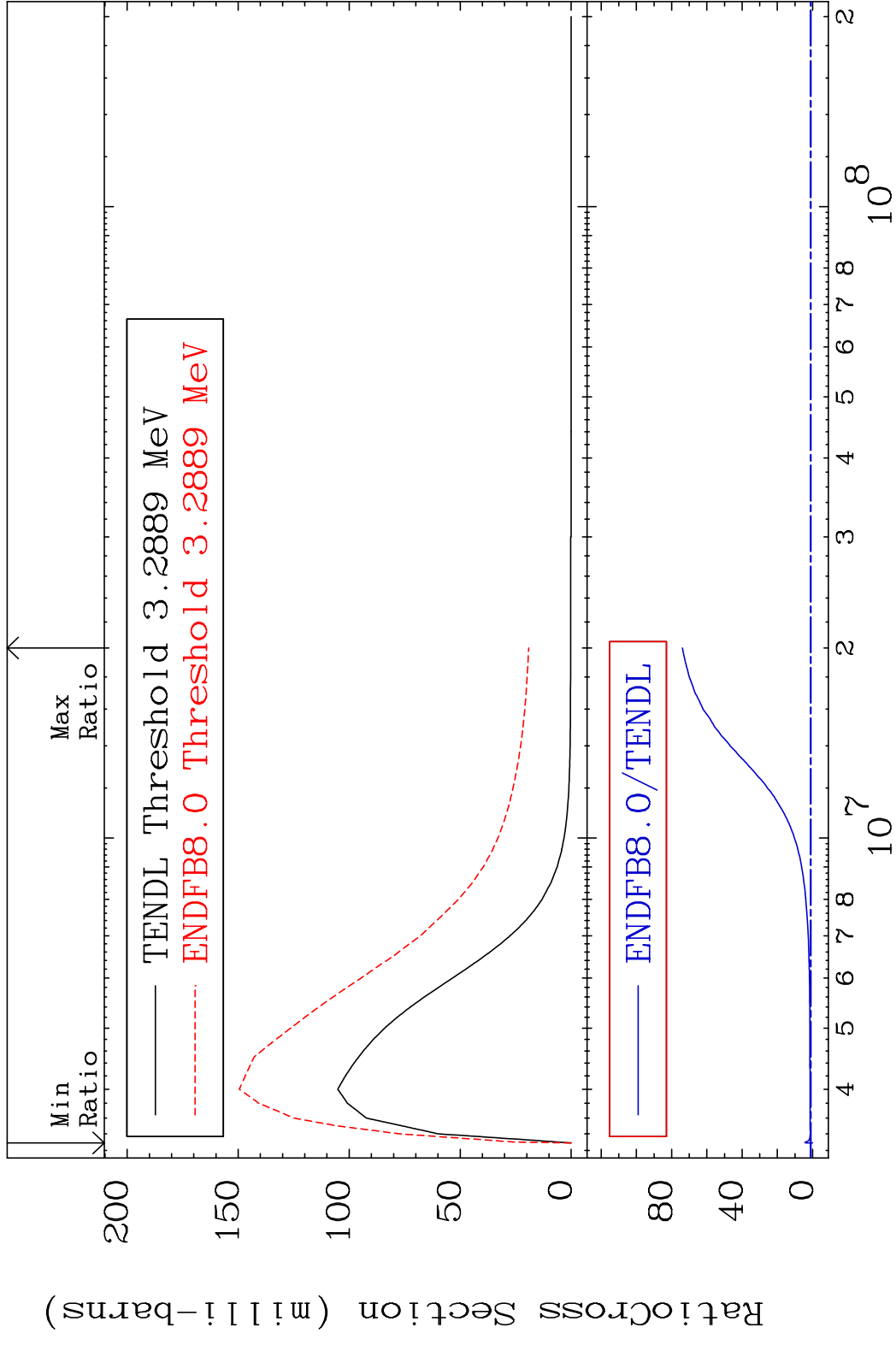


10 18-Ar-40

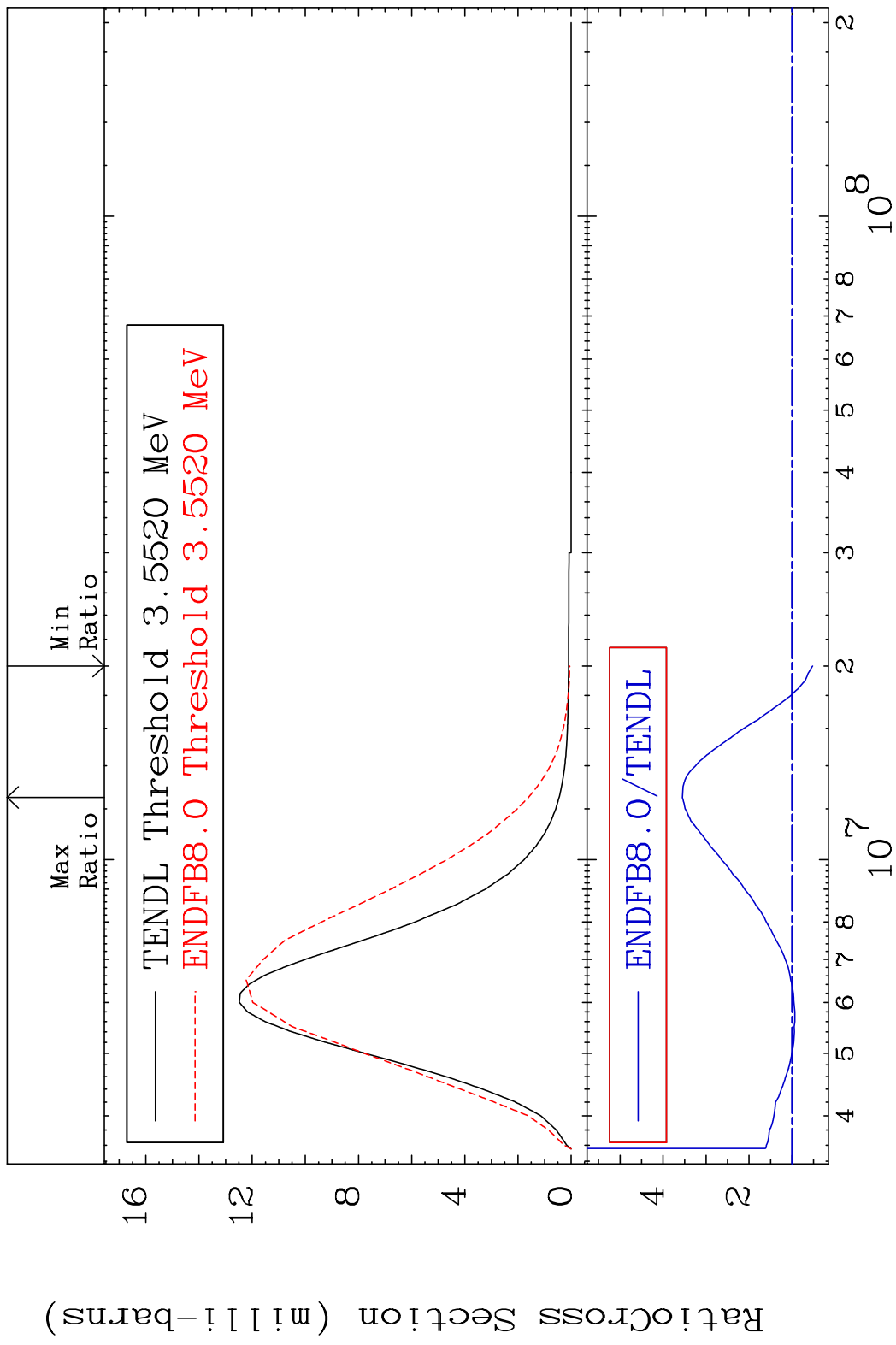
MAT 1837 MT= 54 (n,n') Level 18-Ar-40
 Cross Section -89.50 To 80.49 %



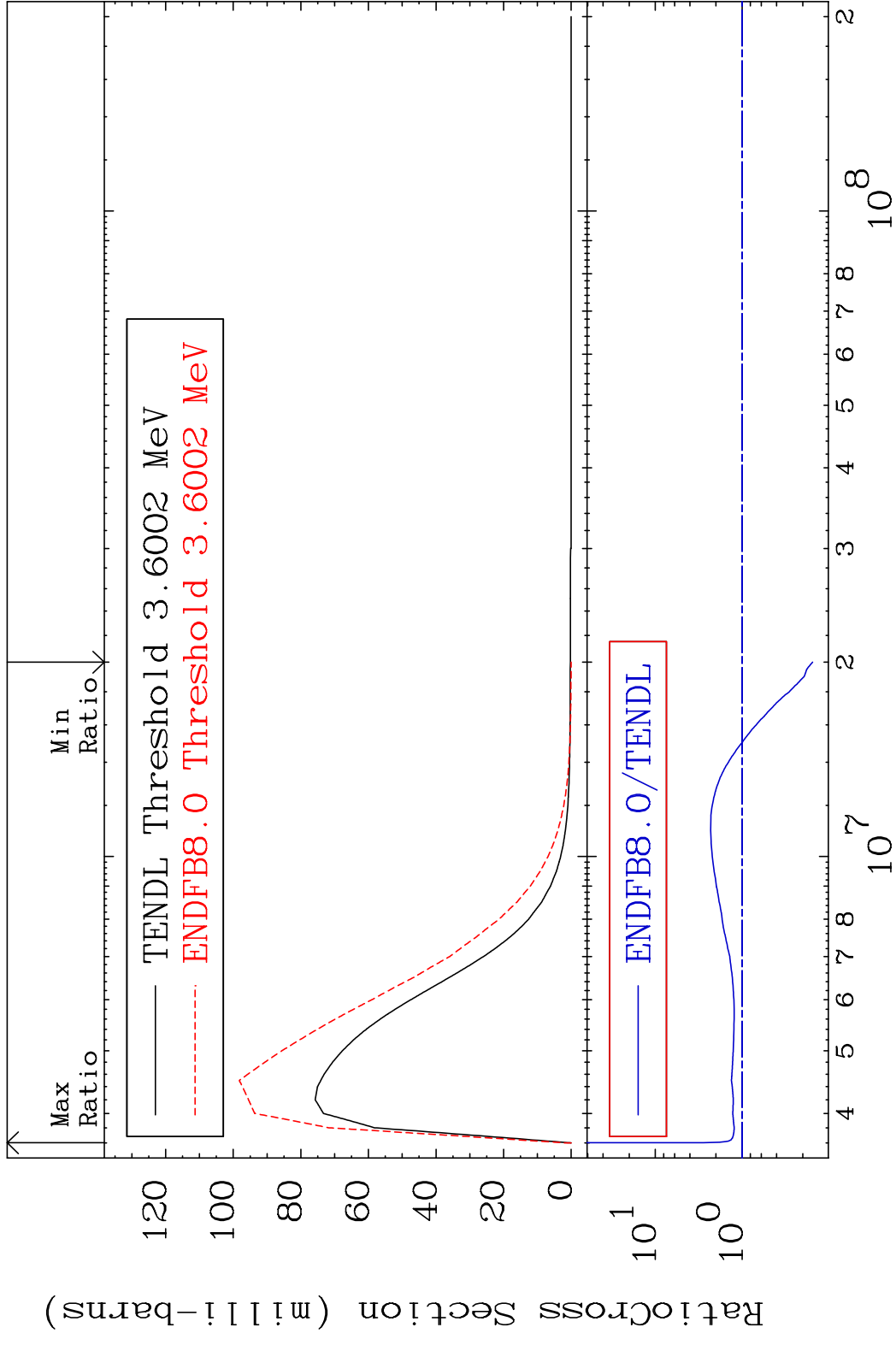
MAT 1837 MT= 55 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 7291. %



MAT 1837 MT= 56 (n,n') Level 18-Ar-40
 Cross Section -47.55 To 255.1 %

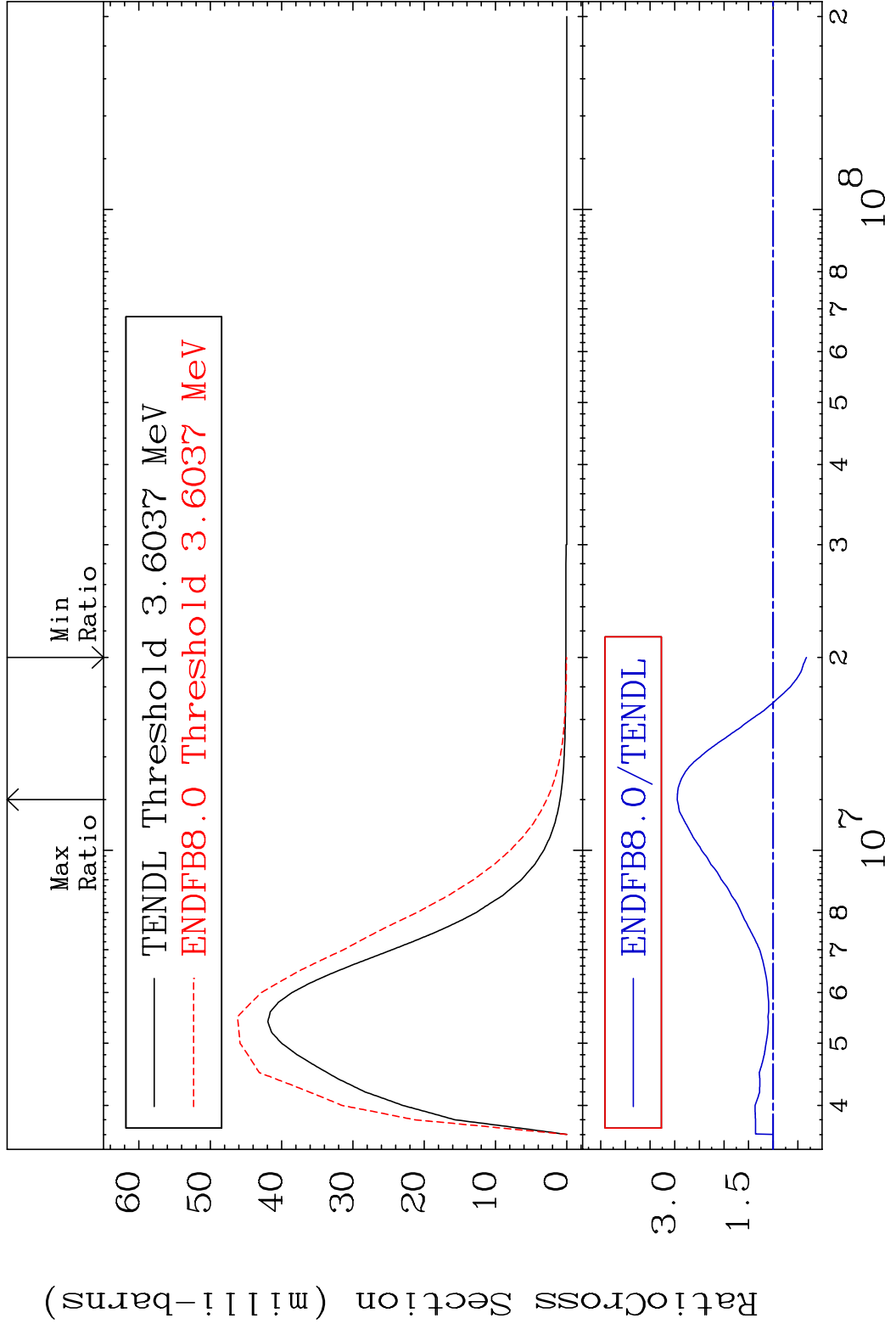


MAT 1837 MT= 57 (n,n') Level 18-Ar-40
 Cross Section -84.60 To 387.4 %

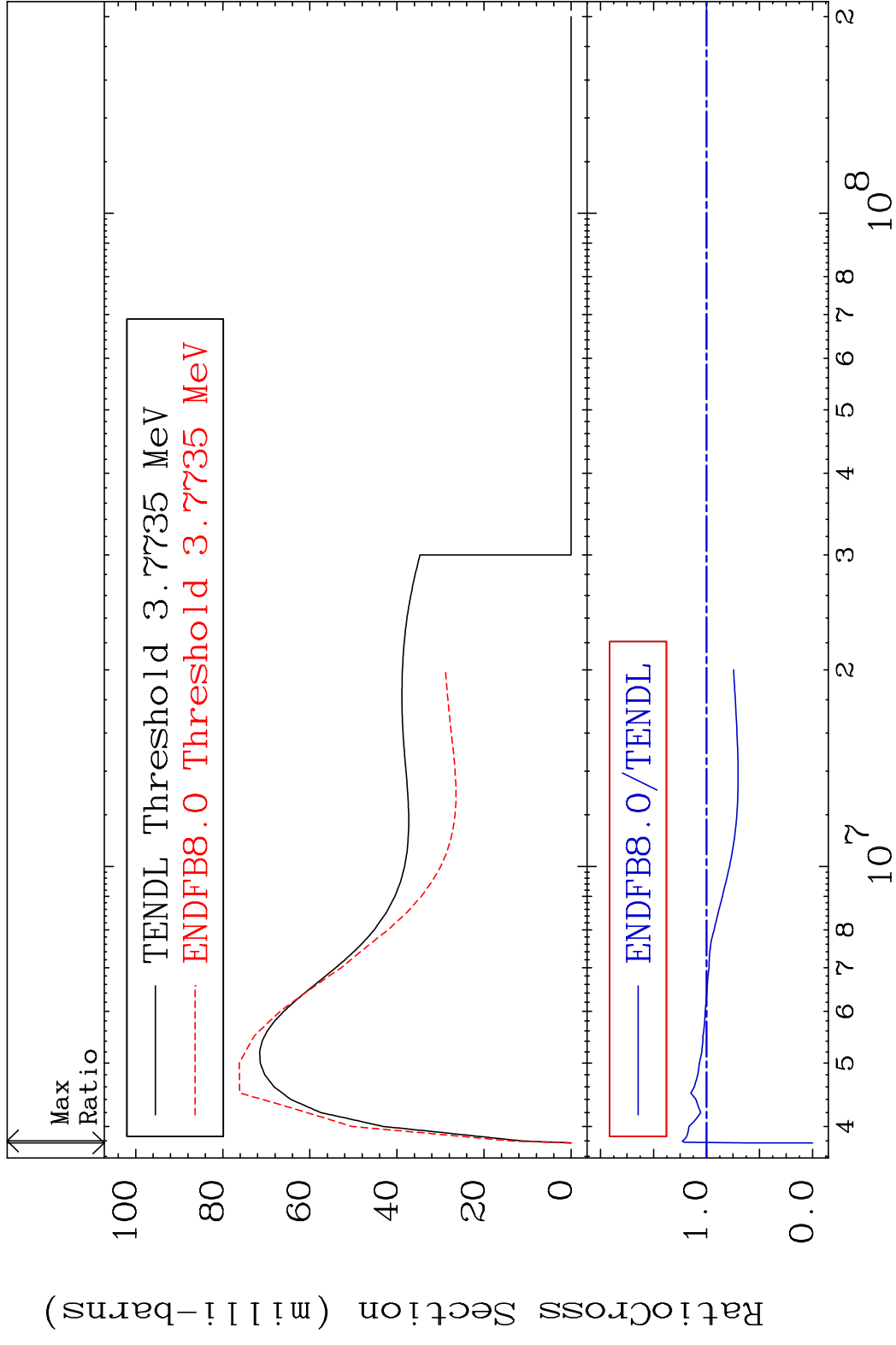


14 Incident Energy (eV) 18-Ar-40

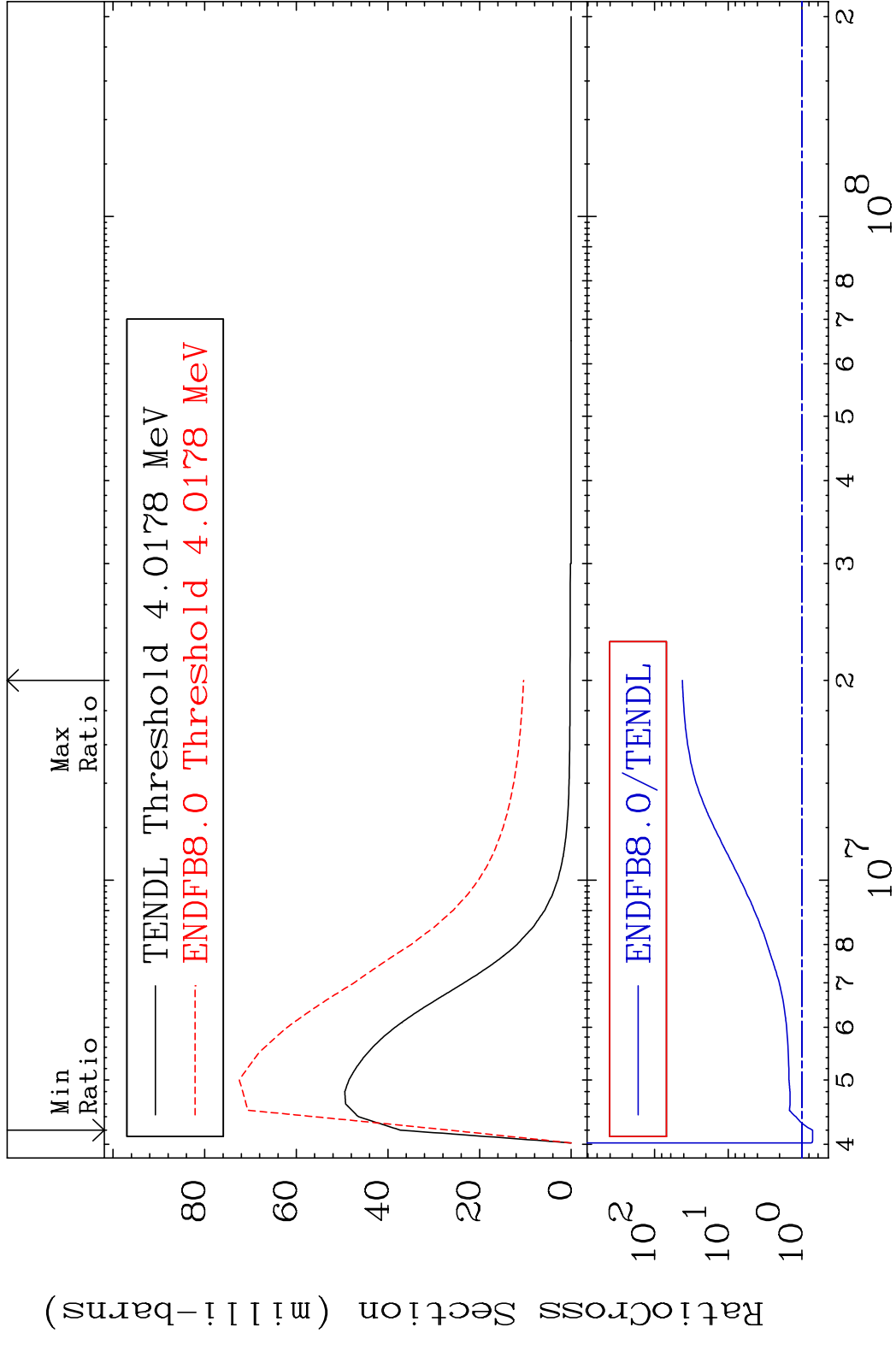
MAT 1837 MT= 58 (n, n') Level 18-Ar-40
 Cross Section -67.24 To 194.9 %



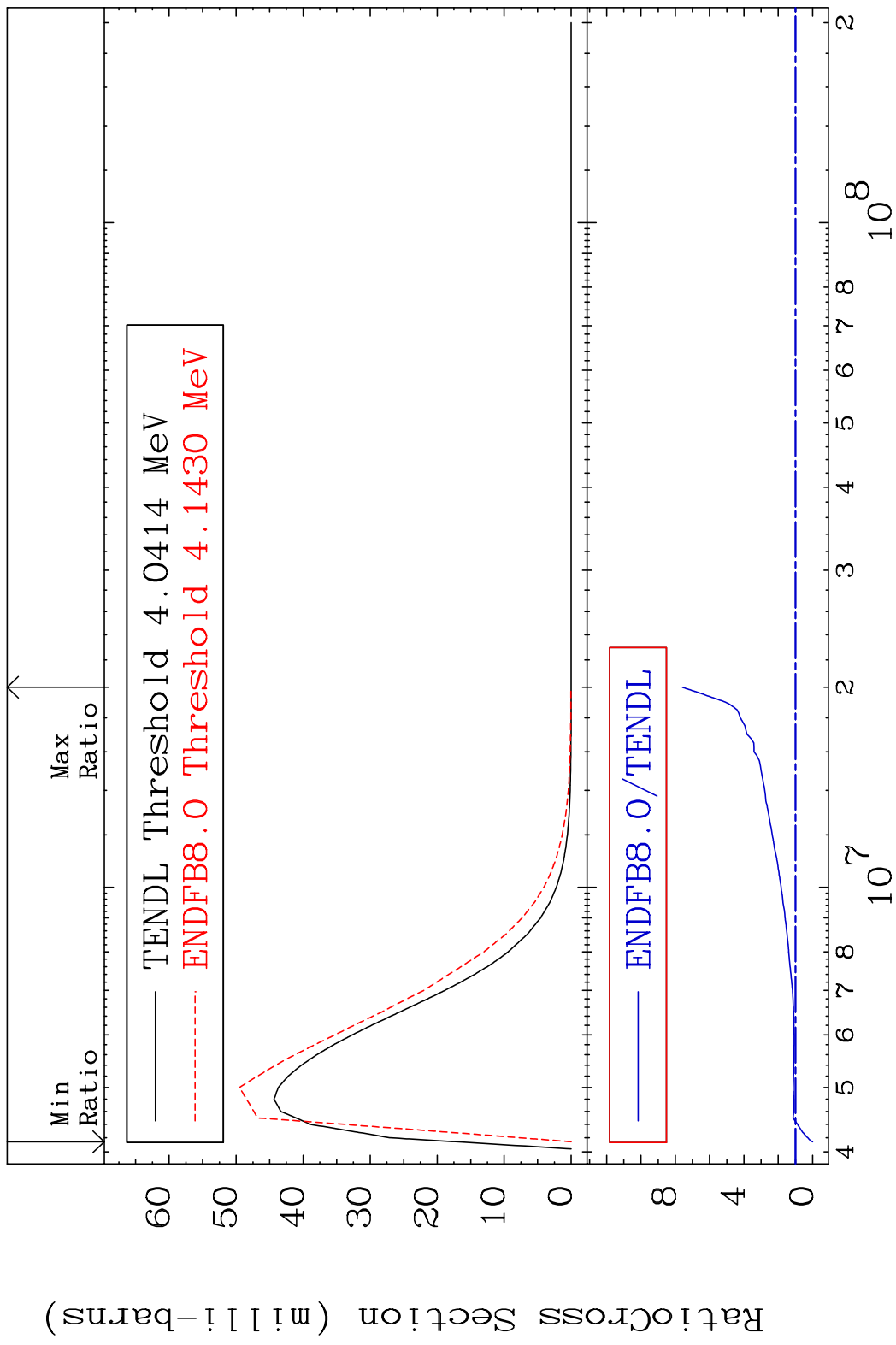
MAT 1837 MT= 59 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 22.82 %



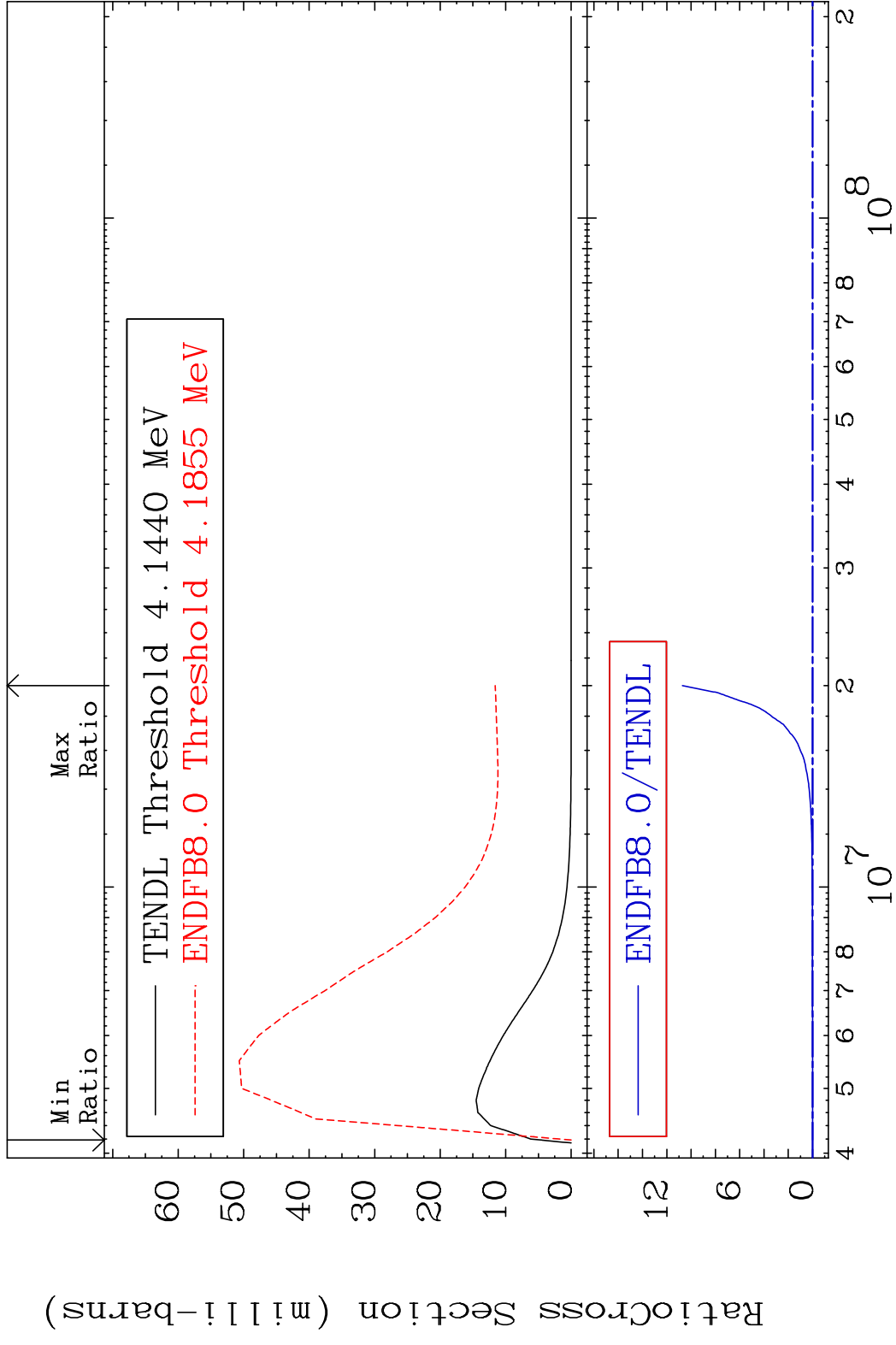
MAT 1837 MT= 60 (n,n') Level 18-Ar-40
 Cross Section -28.52 To 4086. %



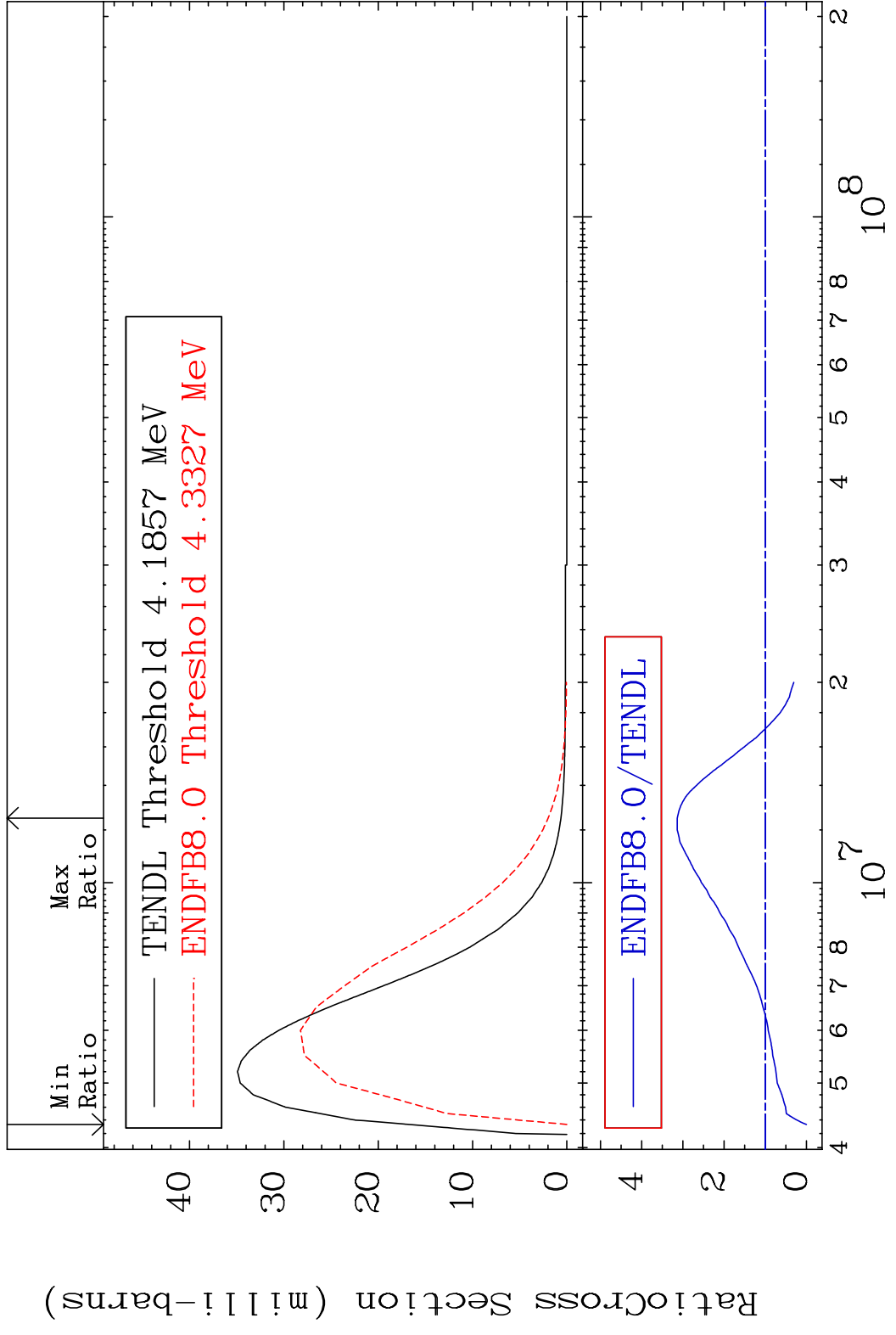
MAT 1837 MT= 61 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 658.7 %



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

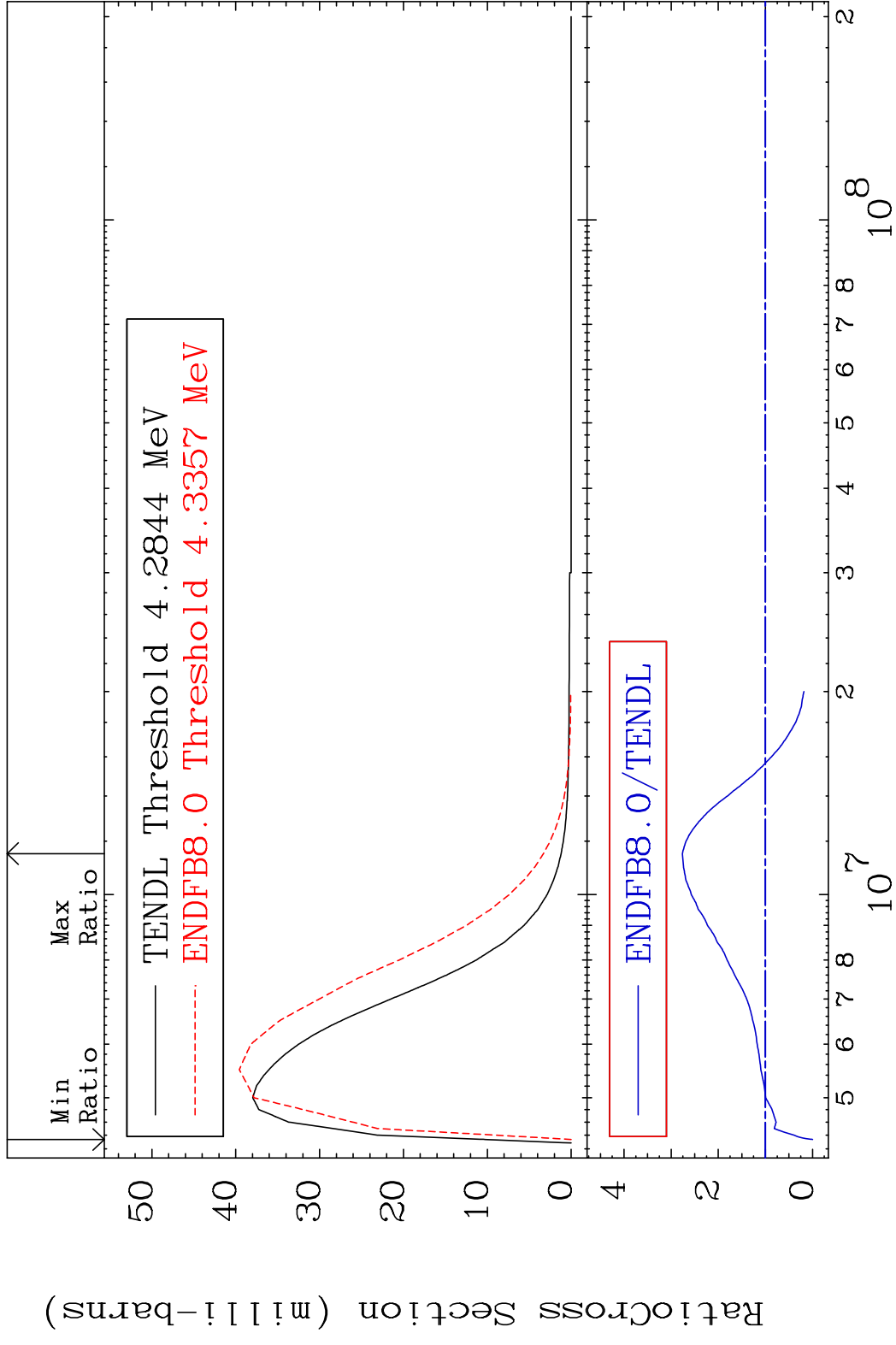


MAT 1837 MT= 63 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 213.6 %

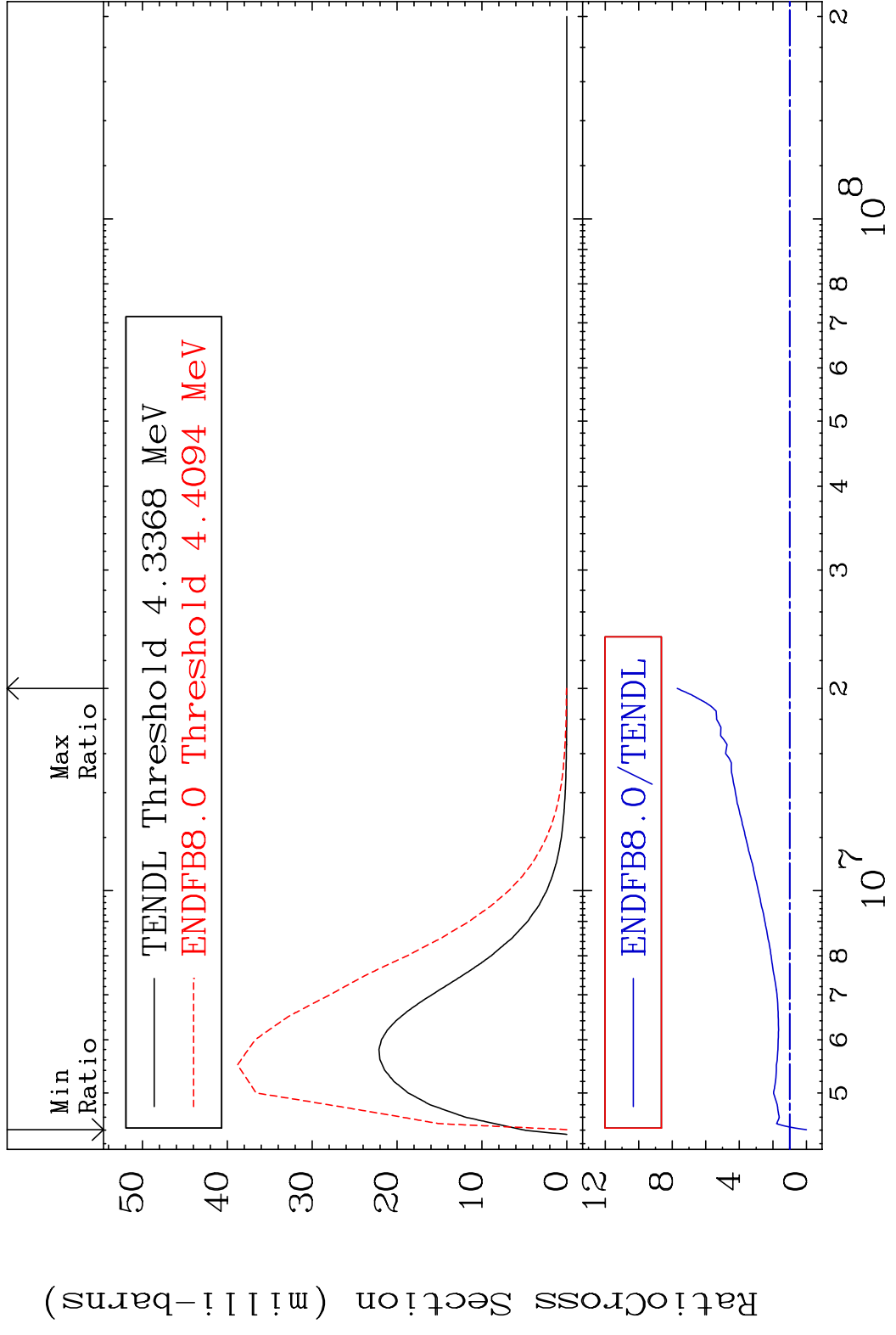


20 10 8 7 6 5 4 3 2 1 0 0 2 4 6 8 10 20

MAT 1837 MT= 64 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 176.2 %



MAT 1837 MT= 65 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 670.6 %

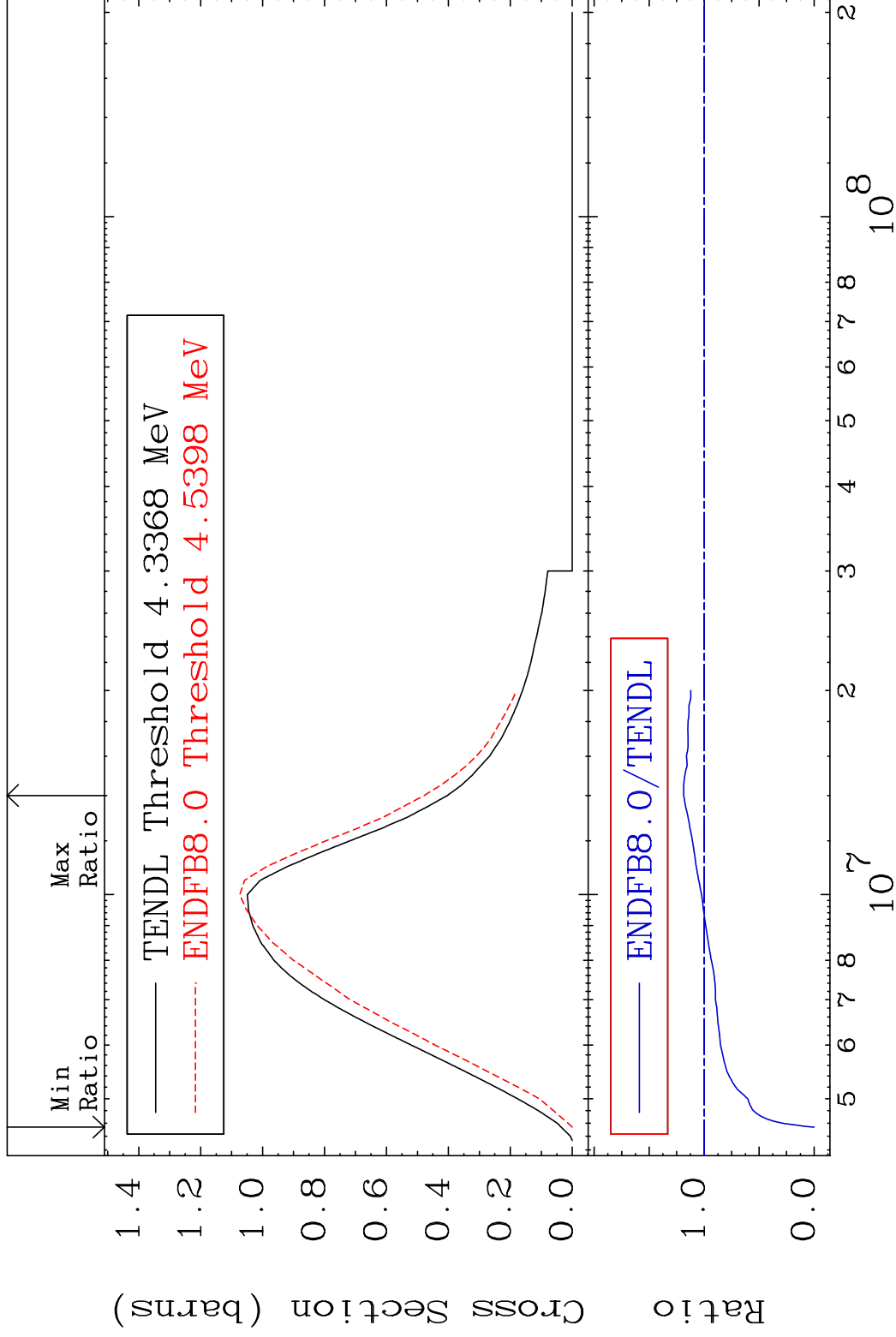


MAT 1837

(n,n') Continuum

18-Ar-40

Cross Section -100.0 To 18.64 %



23

Incident Energy (eV)

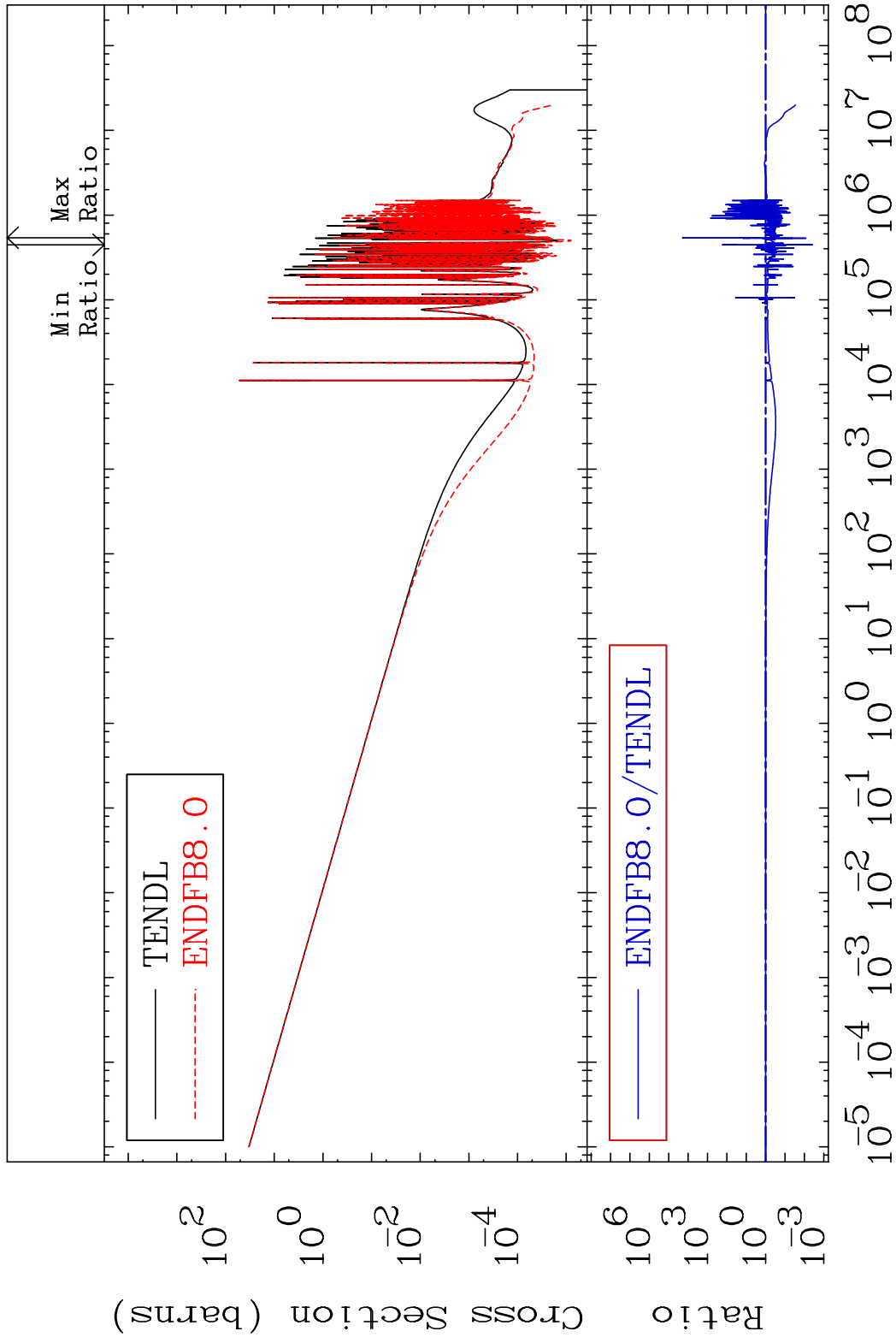
18-Ar-40

MAT 1837

(n, γ)

18-Ar-40

Cross Section -99.62 To 9999. %



24

Incident Energy (eV)

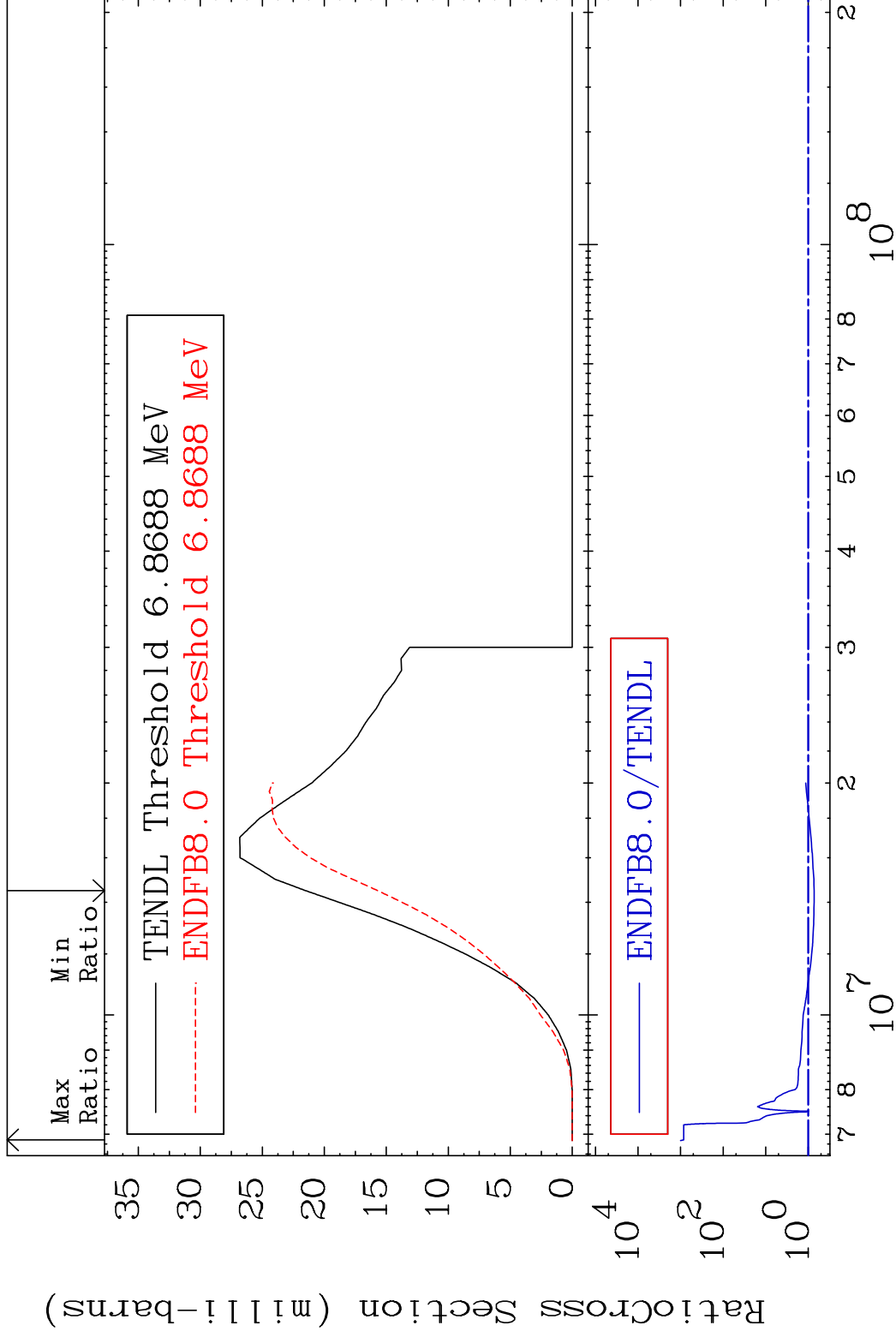
18-Ar-40

MAT 1837

(n,p)

18-Ar-40

Cross Section -27.04 To 9999. %



25

Incident Energy (eV)

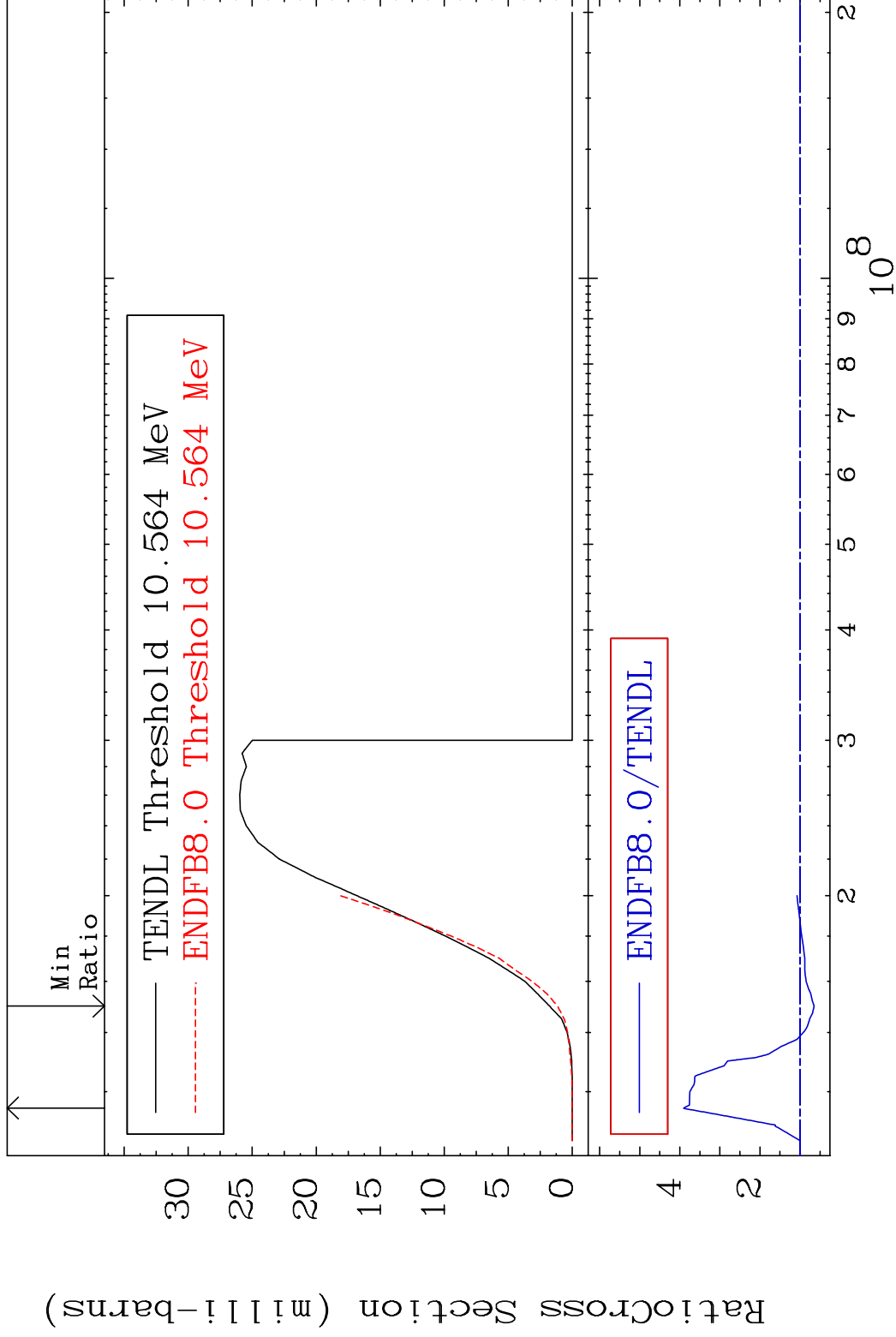
18-Ar-40

MAT 1837

(n,d)

18-Ar-40

Cross Section -35.32 To 290.4 %



26

Incident Energy (eV)

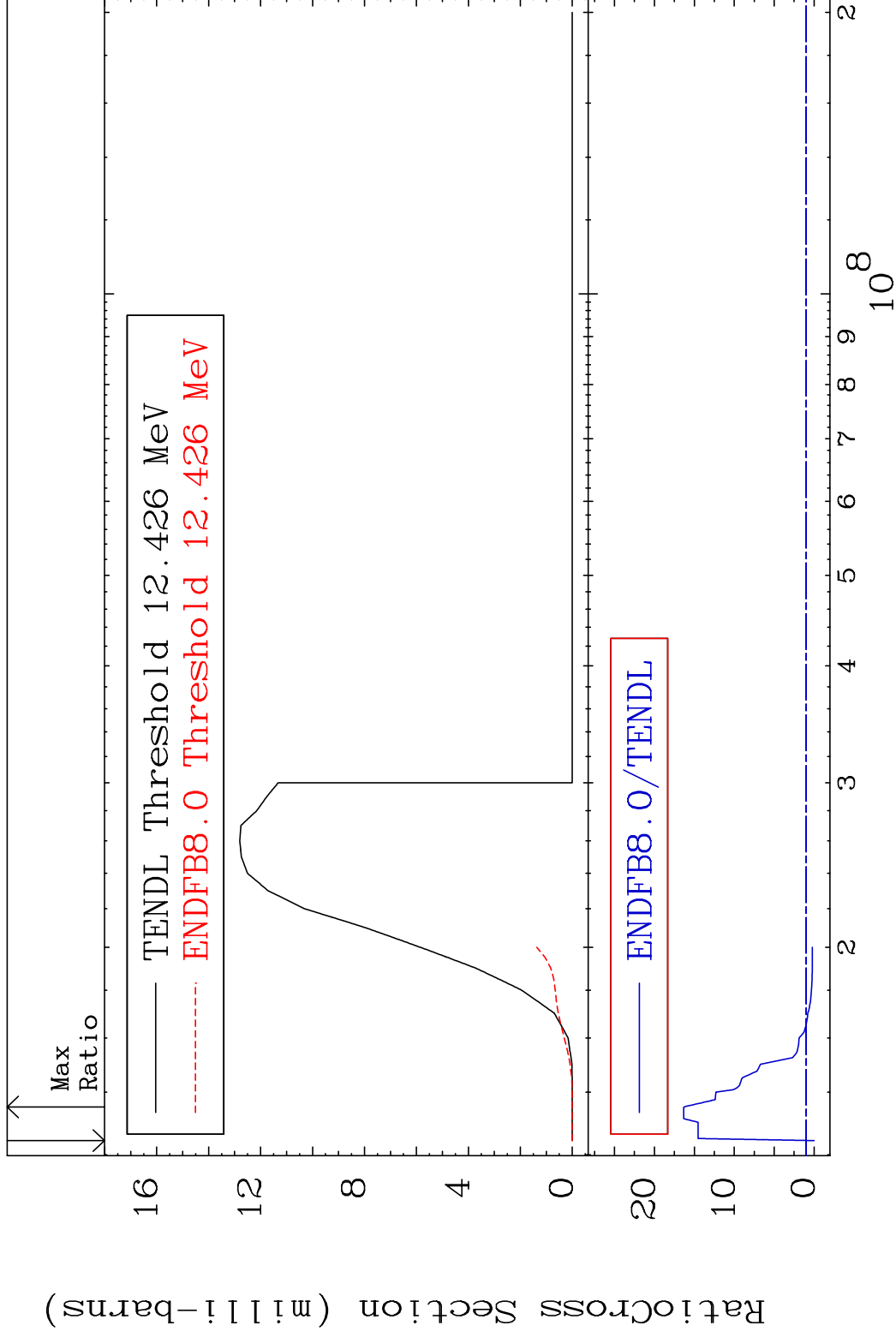
18-Ar-40

MAT 1837

(n, t)

18-Ar-40

Cross Section -100.0 To 1534. %



27

Incident Energy (eV)

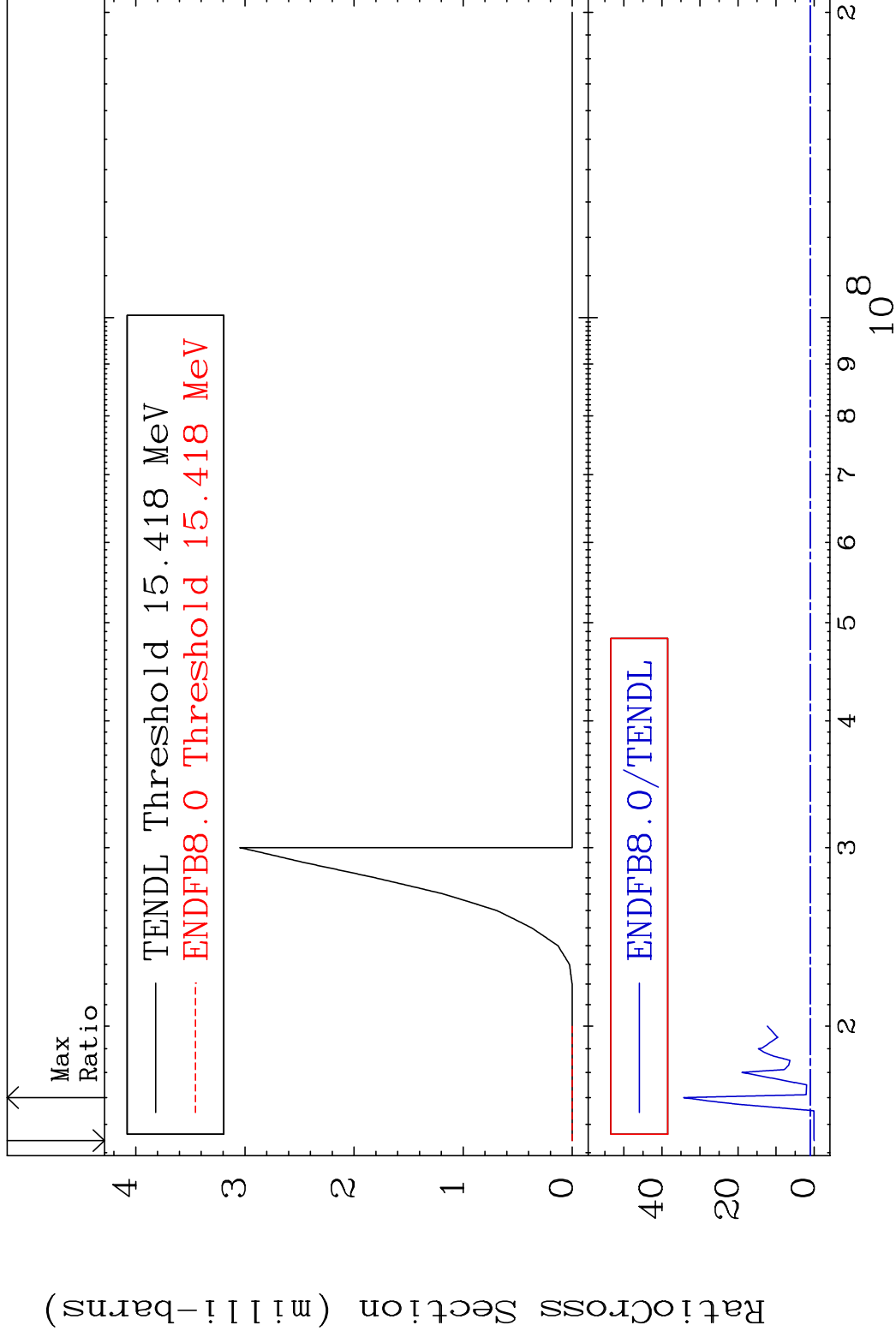
18-Ar-40

MAT 1837

(n, He-3)

18-Ar-40

Cross Section -100.0 To 3329. %

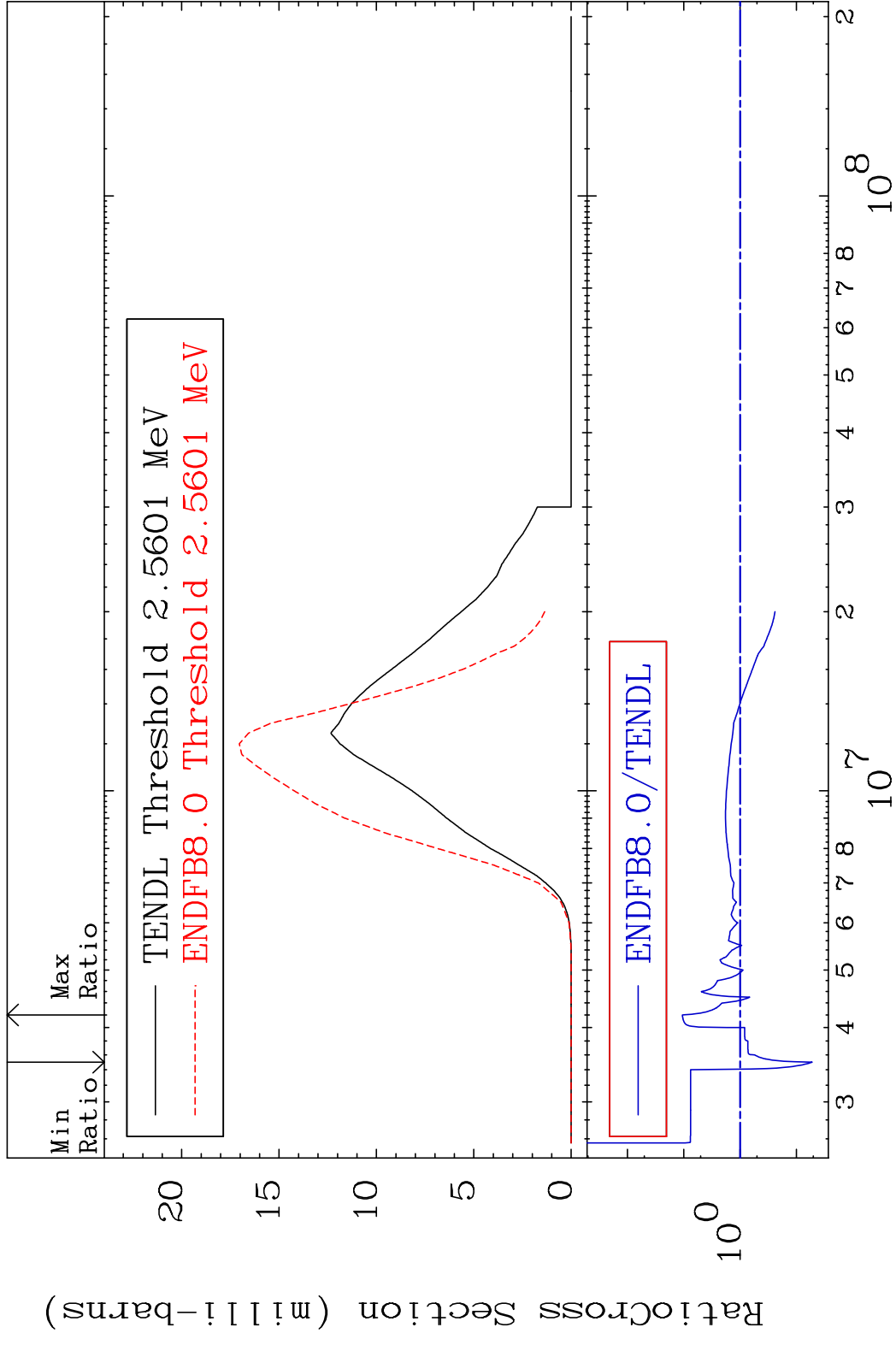


28

Incident Energy (eV)

18-Ar-40

MAT 1837 (n, α) 18-Ar-40
 Cross Section -94.83 To 958.7 %

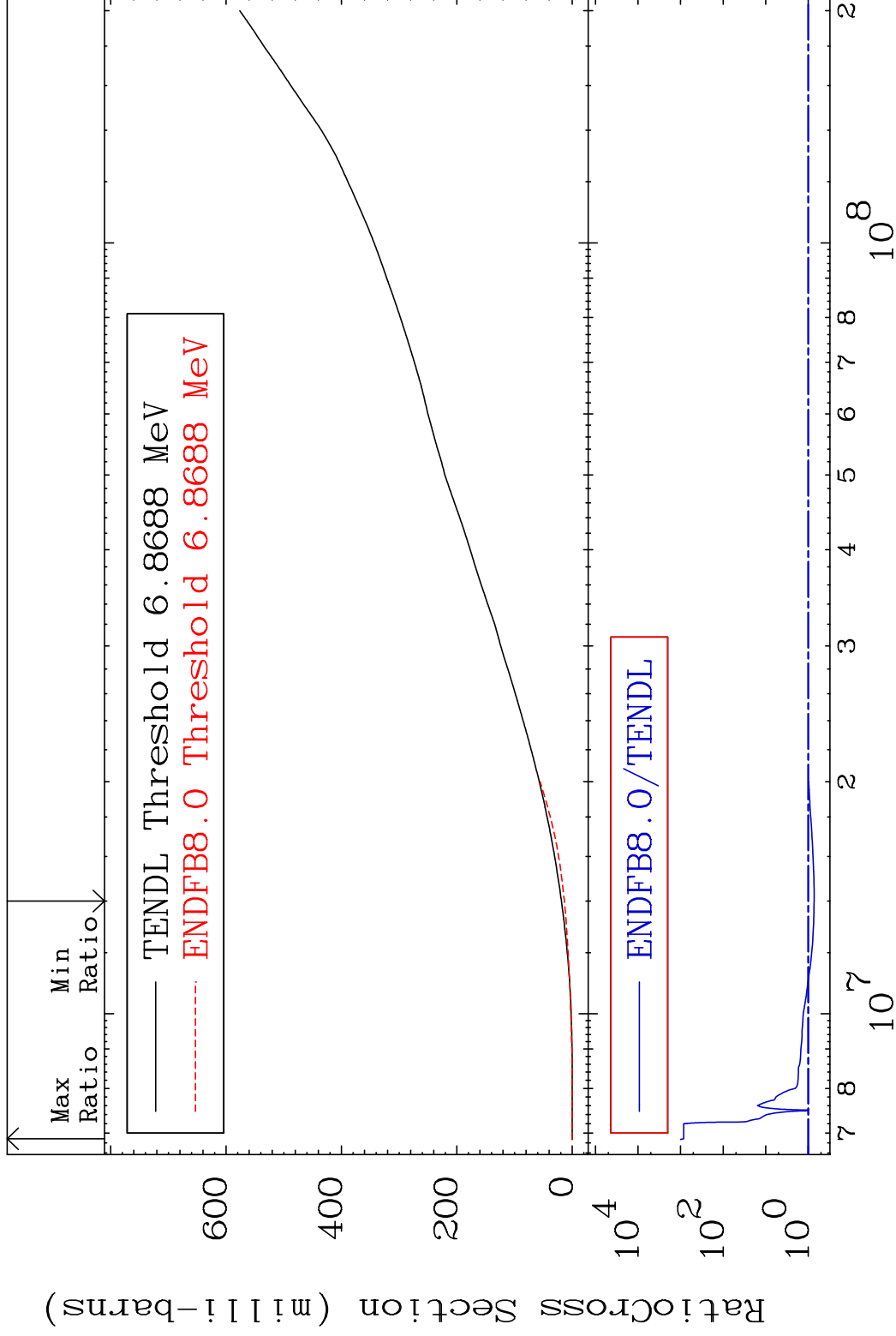


MAT 1837

Hydrogen Production

18-Ar-40

Cross Section -27.02 To 9999. %



30

Incident Energy (eV)

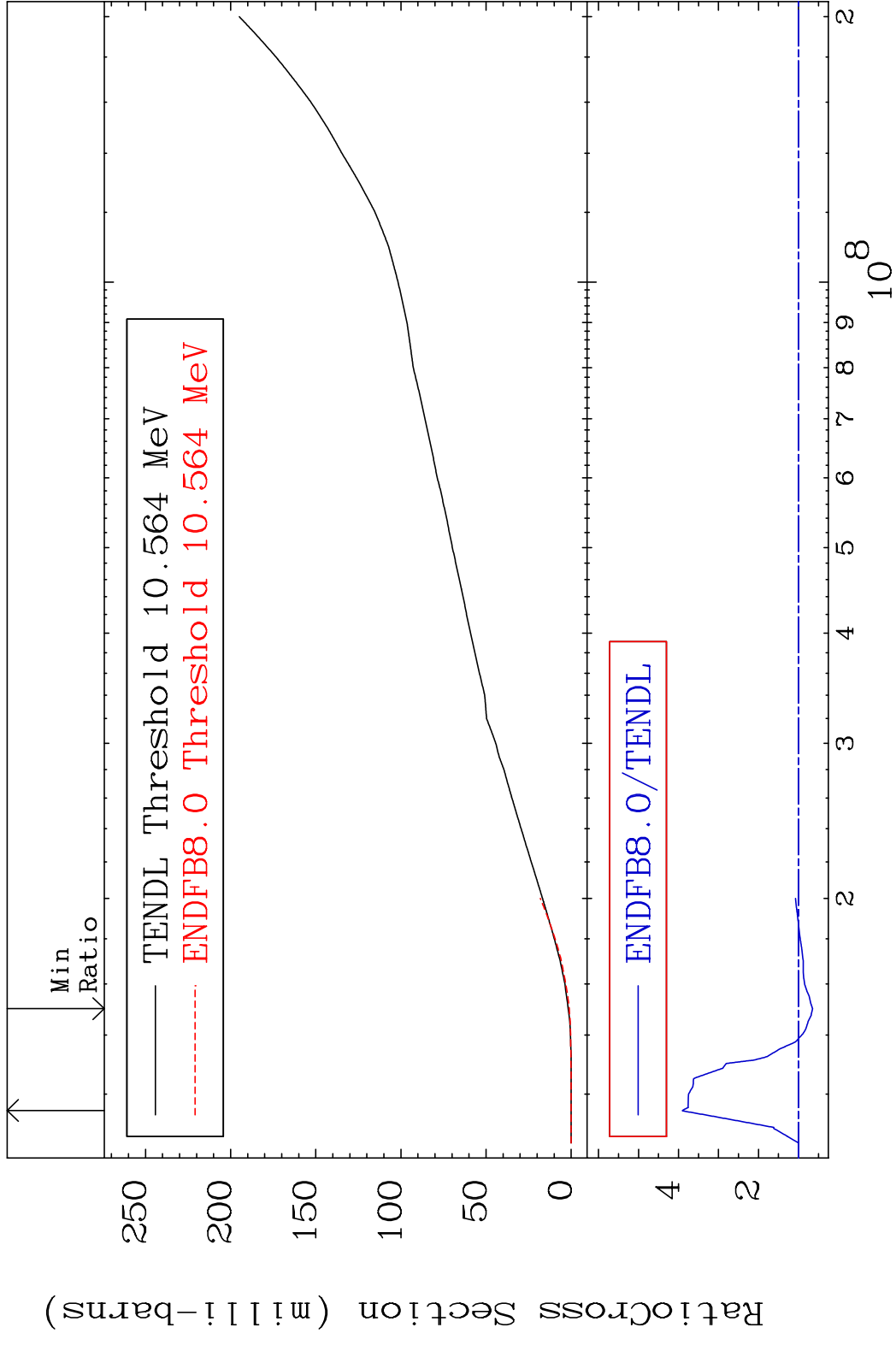
18-Ar-40

MAT 1837

Deuterium Production

18-Ar-40

Cross Section -35.32 To 290.4 %

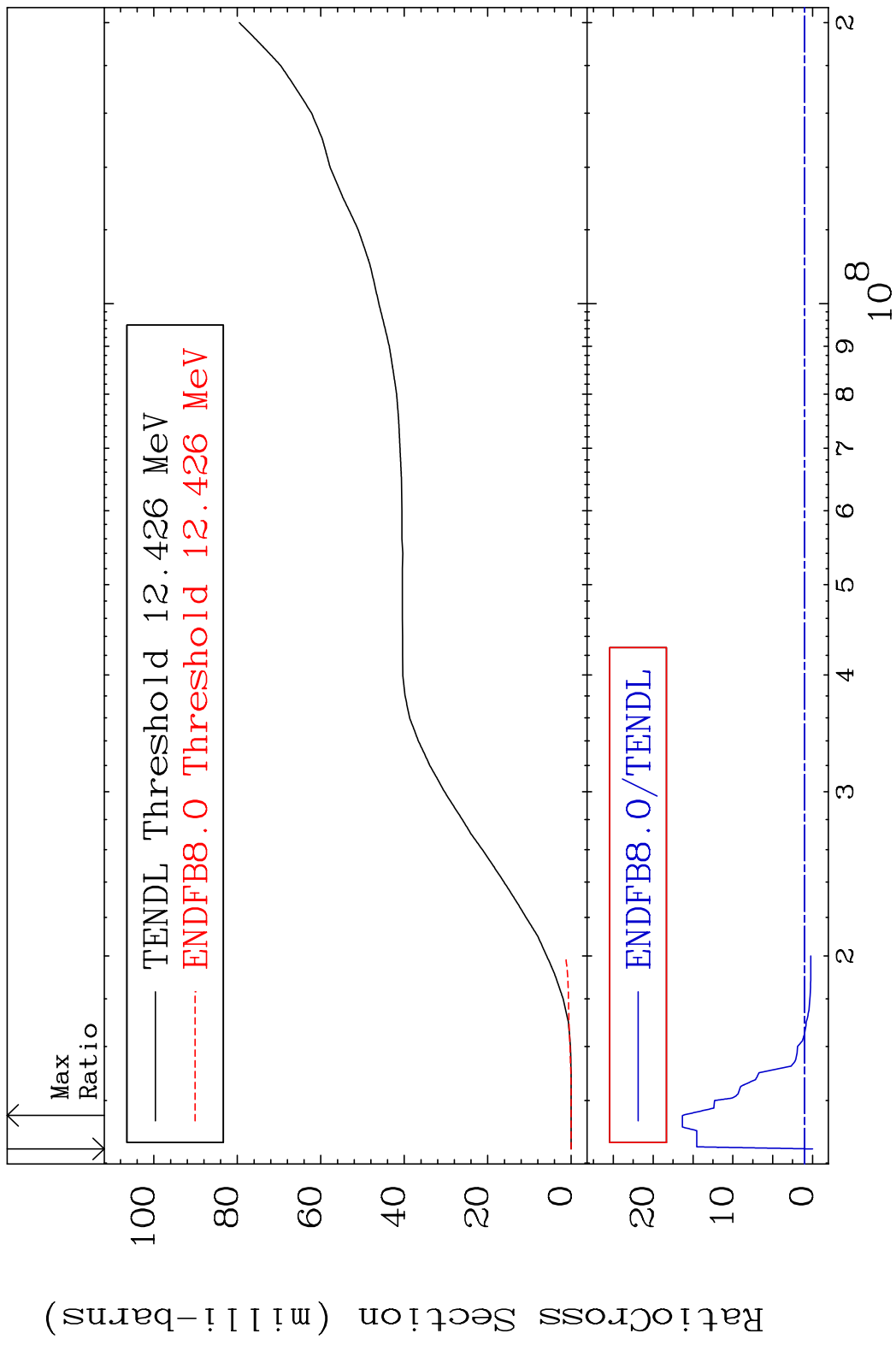


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Incident Energy (eV)

18-Ar-40

MAT 1837 Tritium Production 18-Ar-40
 Cross Section -100.0 To 1534. %

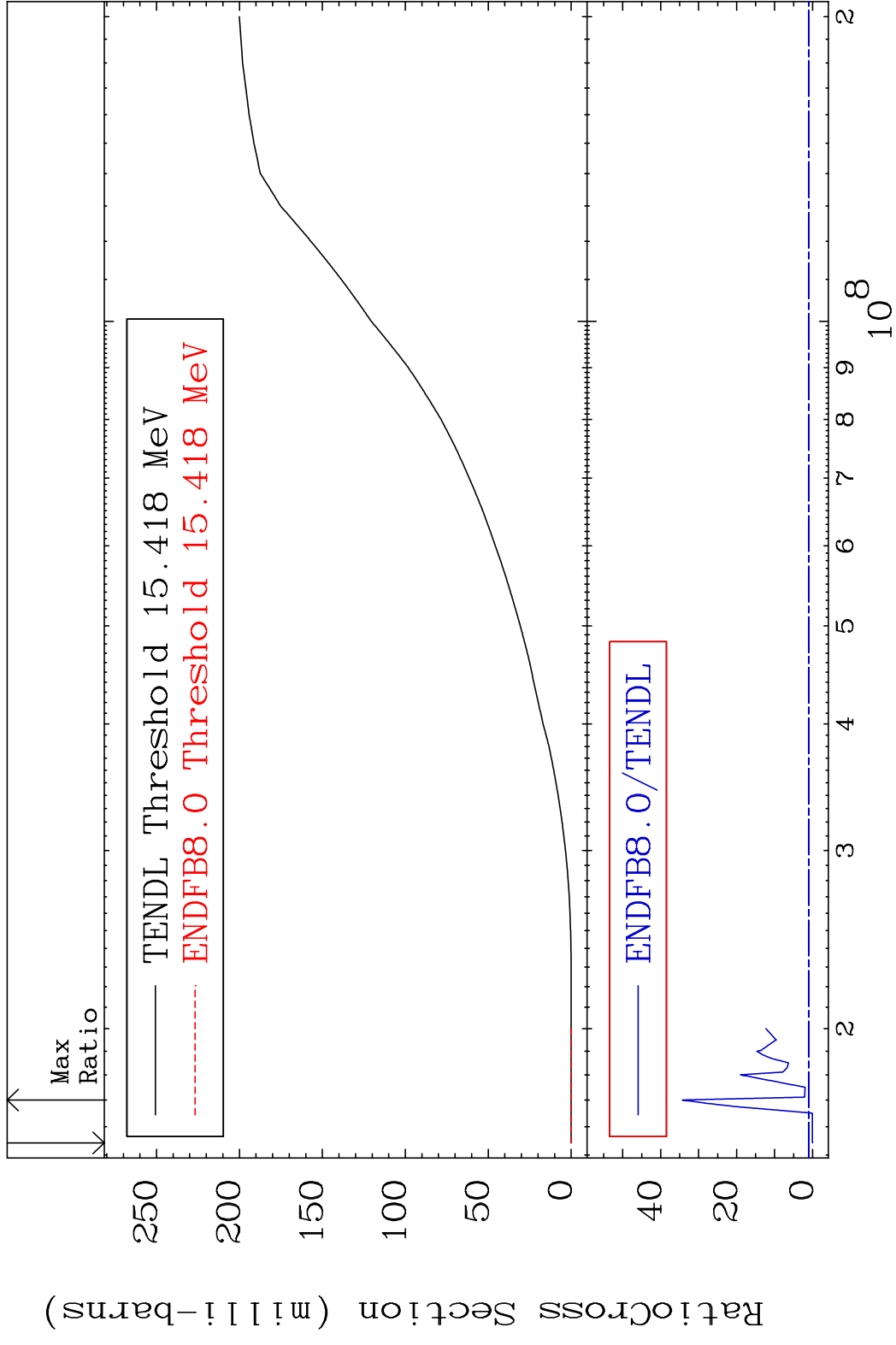


MAT 1837

He-3 Production

18-Ar-40

Cross Section -100.0 To 3329. %

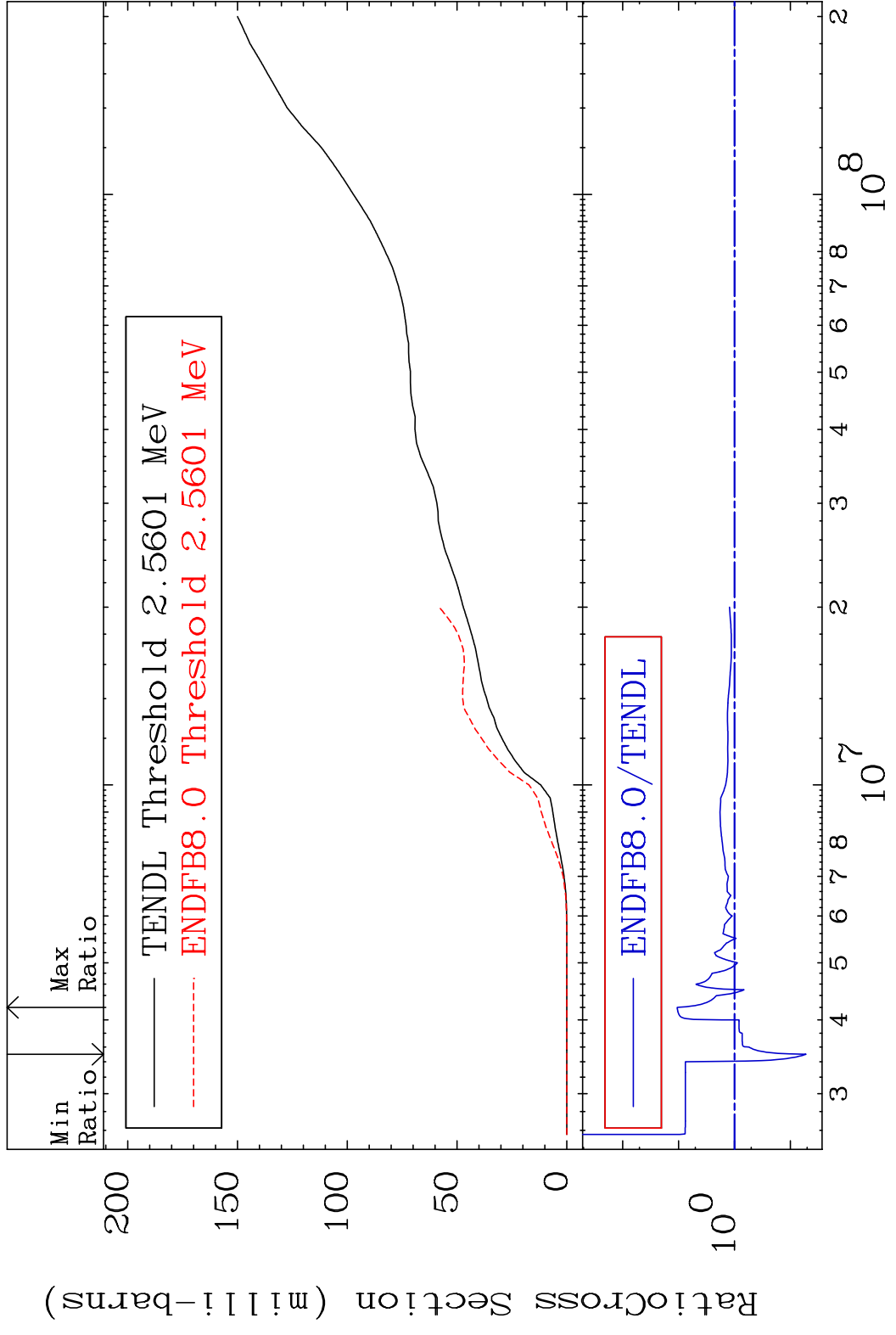


MAT 1837

He-4 Production

18-Ar-40

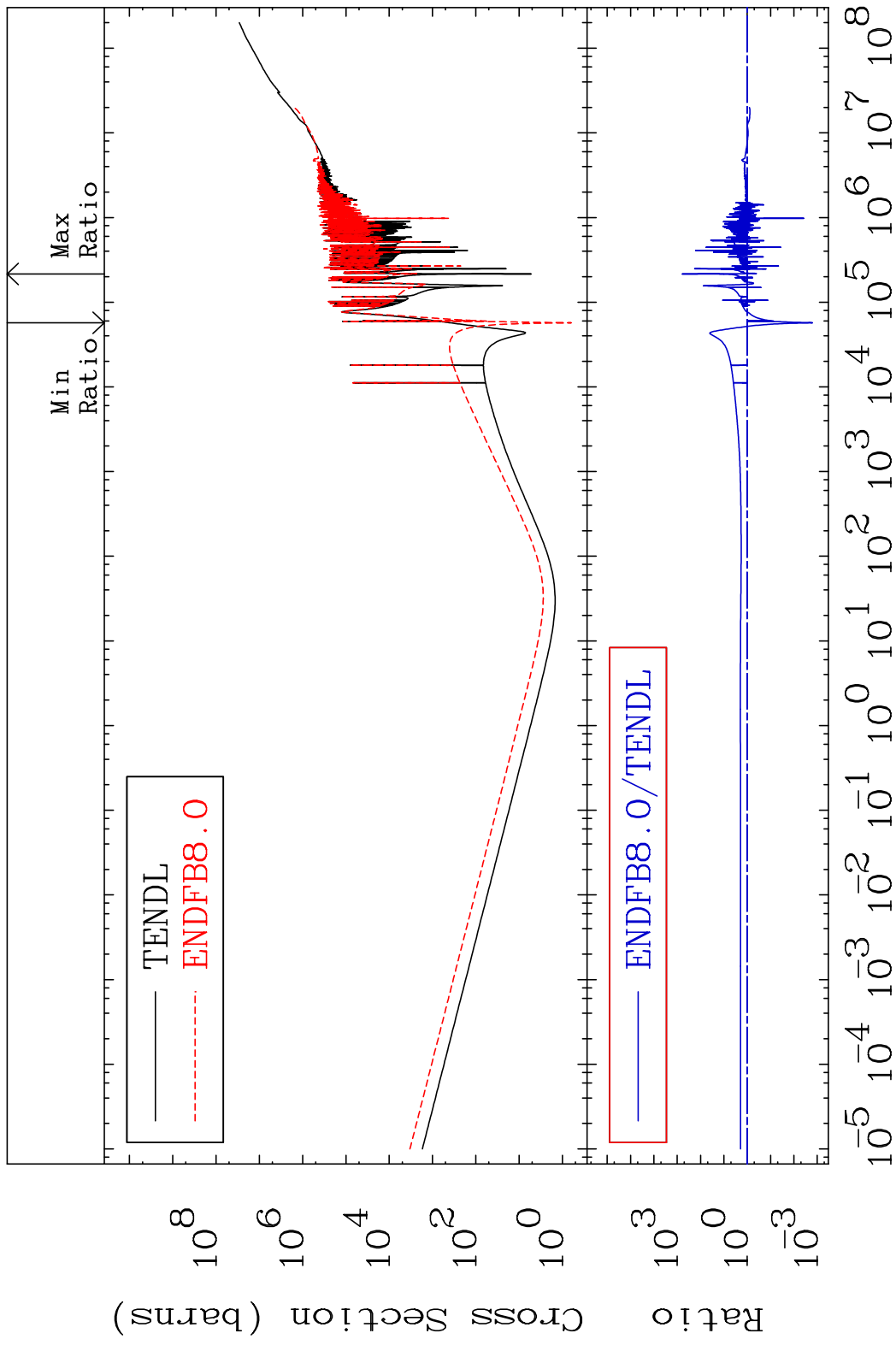
Cross Section -94.83 To 958.7 %



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18-Ar-40

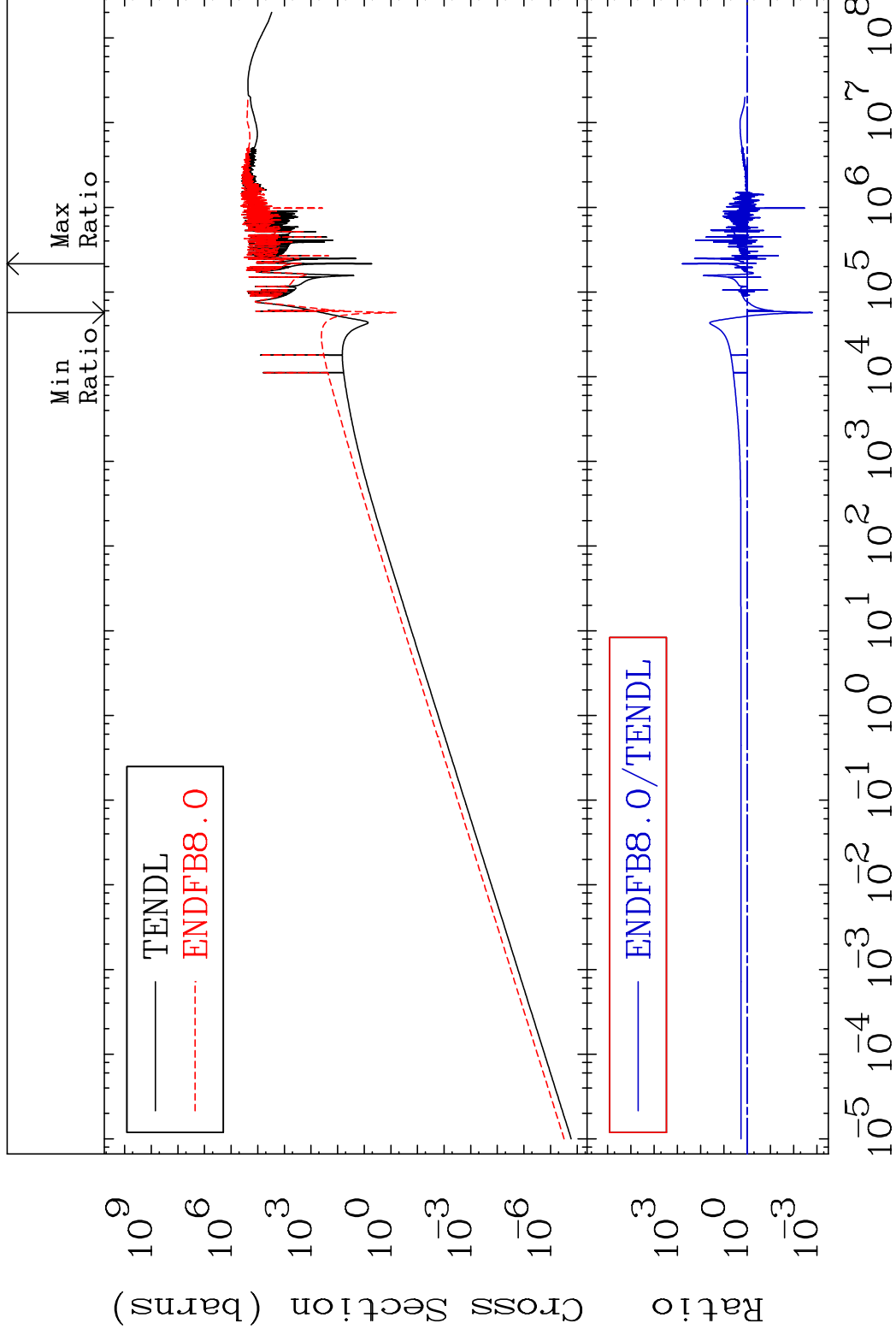
MAT 1837 Kerma total (eV-barns) 18-Ar-40
 Cross Section -99.84 To 9999. %



MAT 1837

Kerma elastic
Cross Section

18-Ar-40
-99.85 To 9999. %

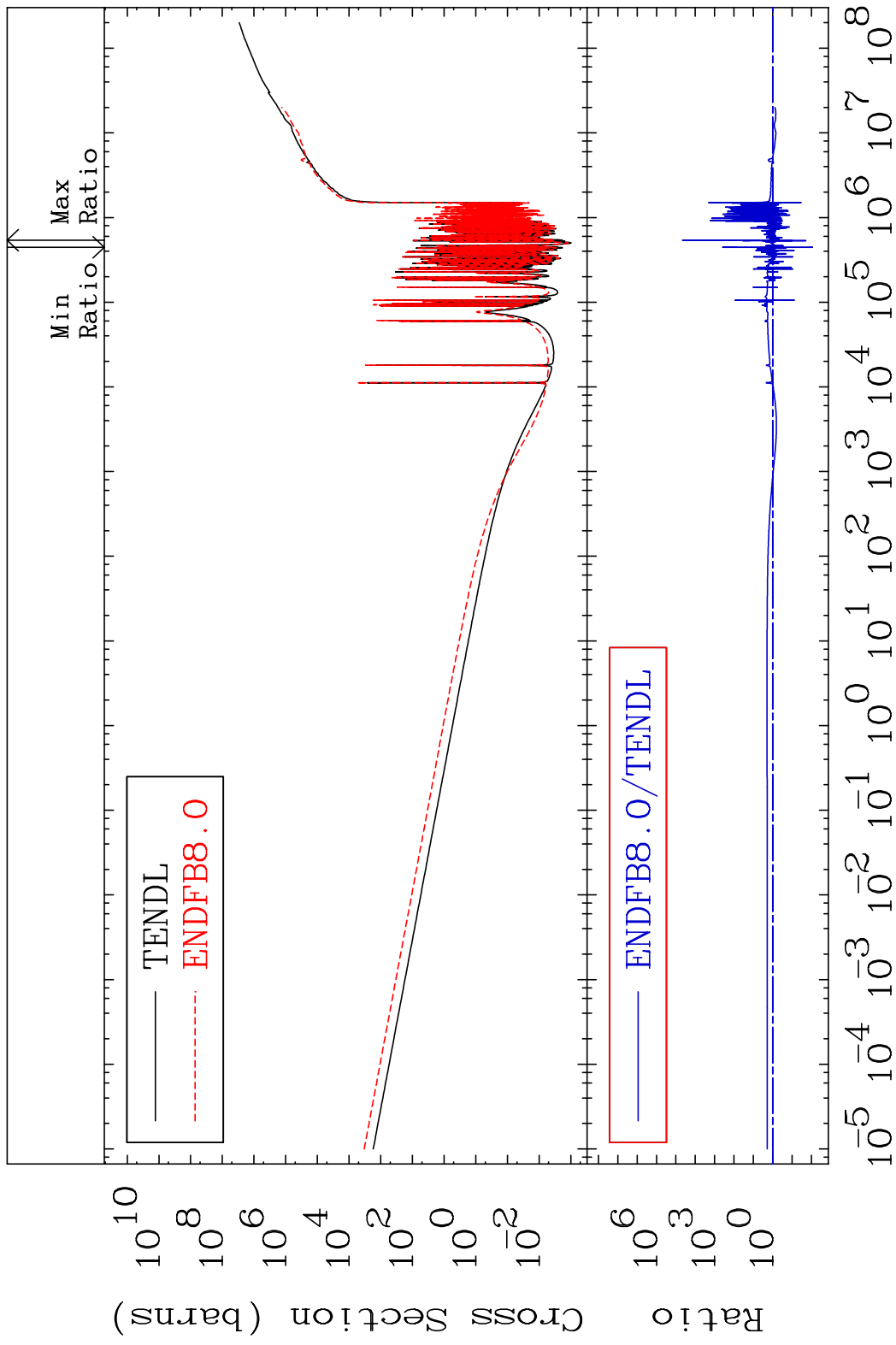


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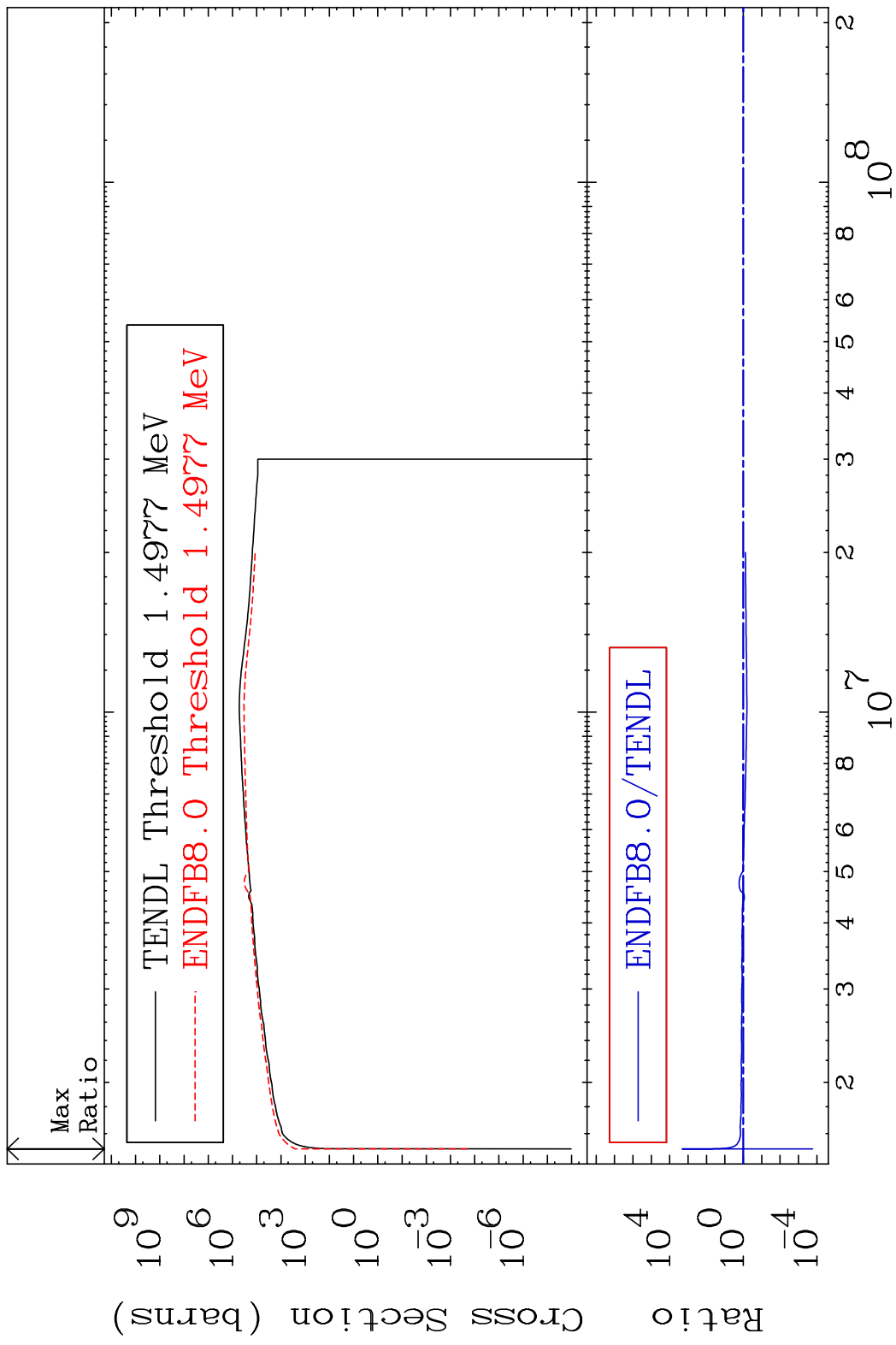
Incident Energy (eV)

18-Ar-40

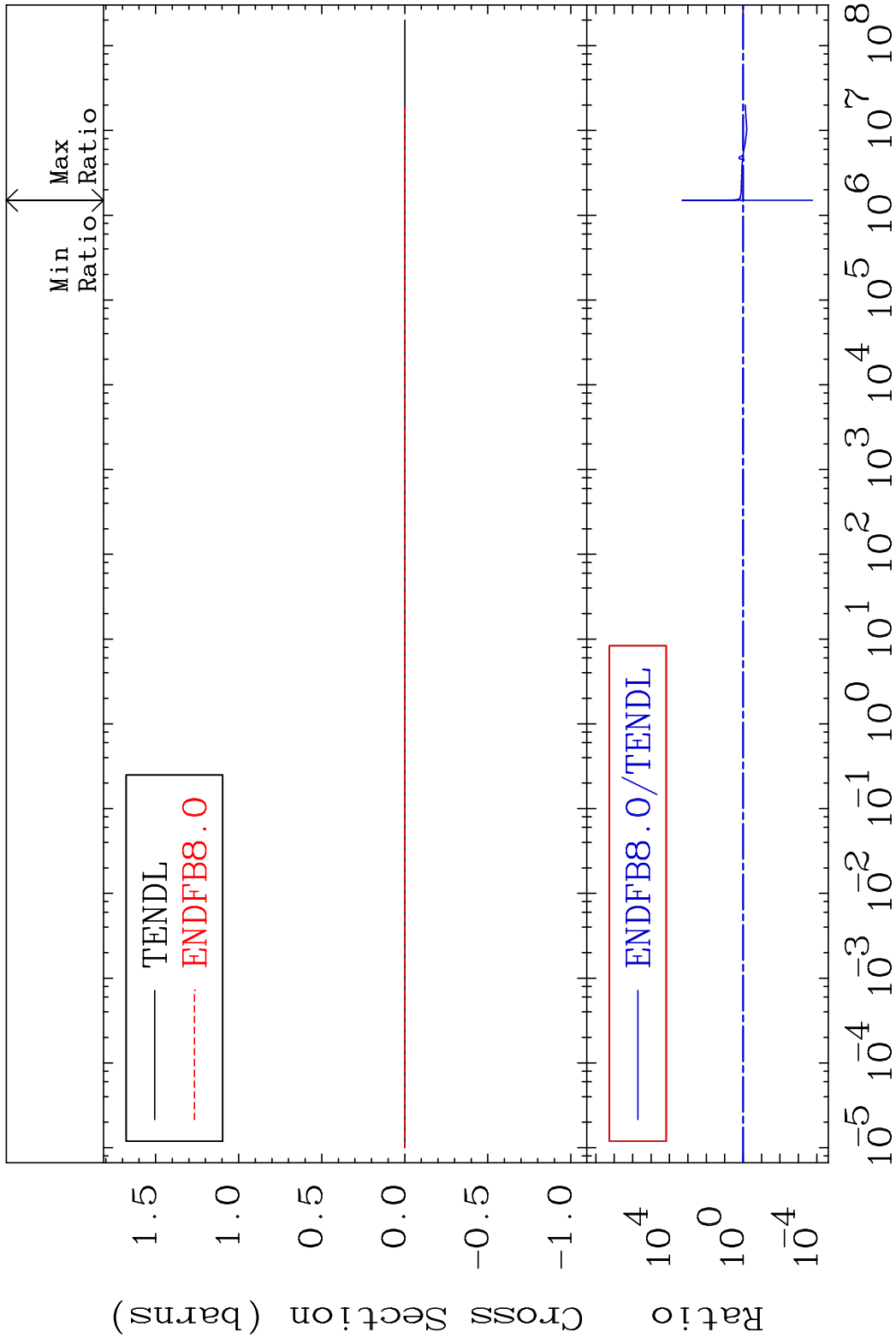
MAT 1837 Kerma non-elastic (all but mt2) 18-Ar-40
 Cross Section -99.13 To 9999. %



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. %

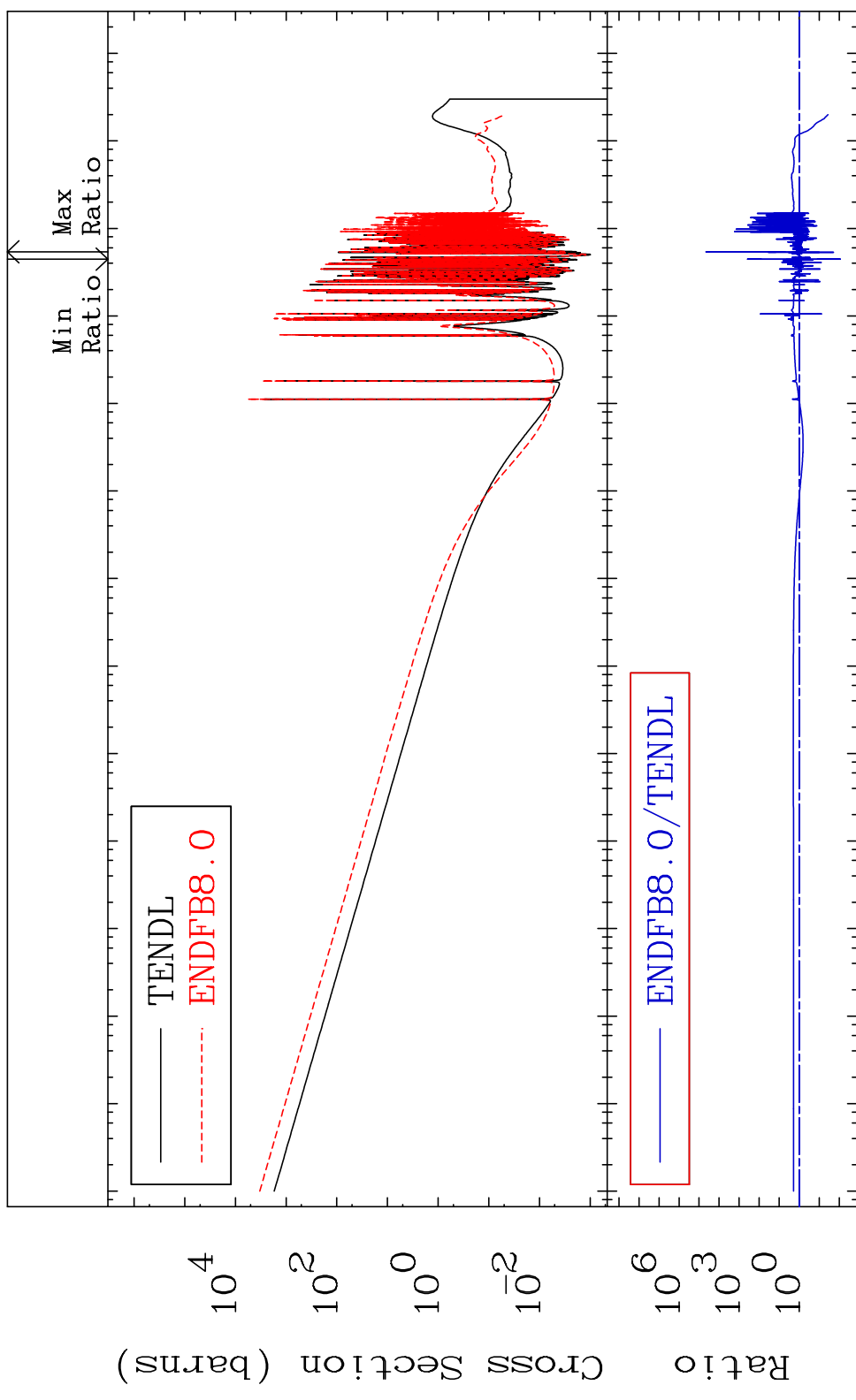


MAT 1837

Kerma capture (mt102)

18-Ar-40

Cross Section -99.13 To 9999. %



40

Incident Energy (eV)

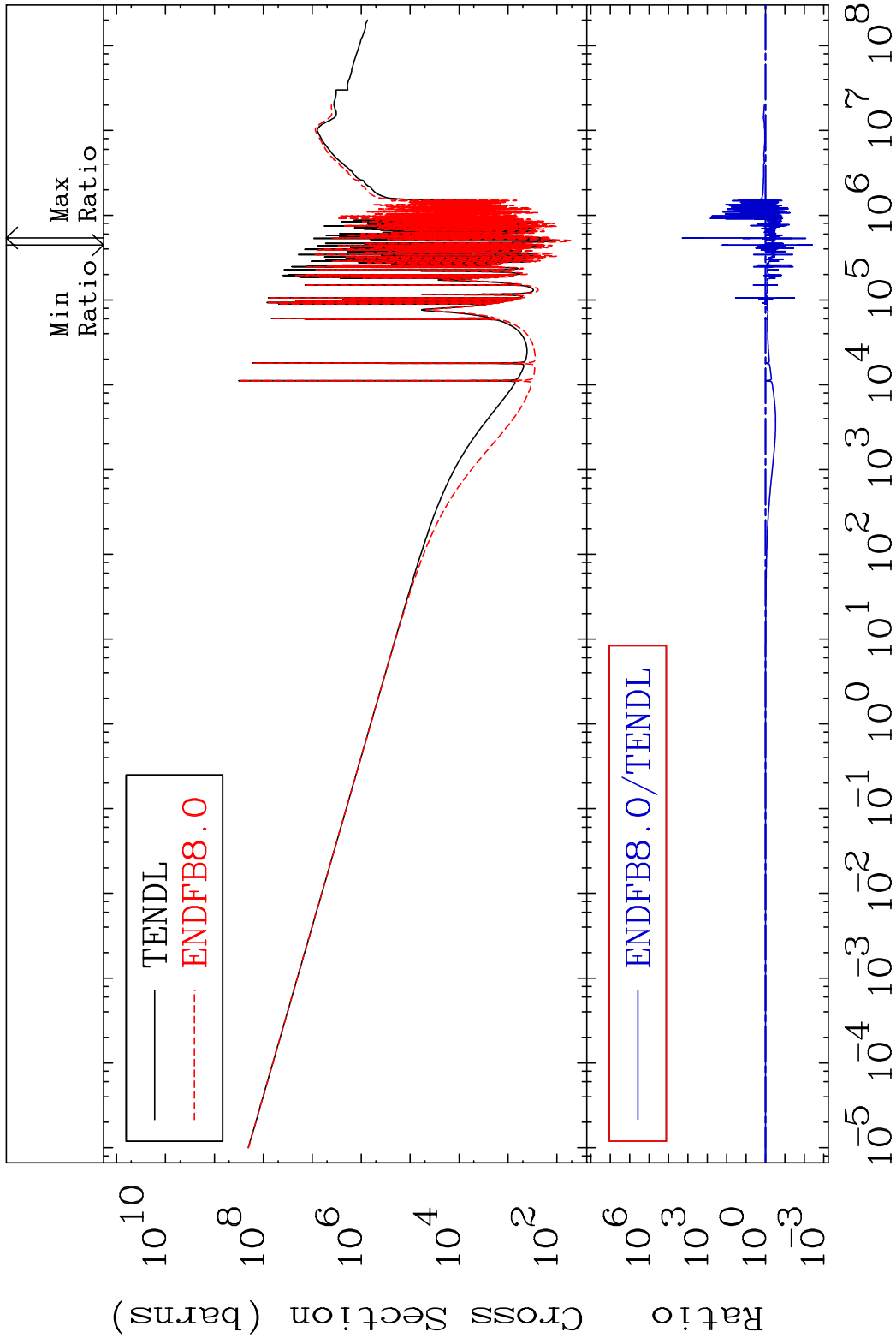
18-Ar-40

MAT 1837

Total photon (eV-barns)

18-Ar-40

Cross Section -99.62 To 9999. %

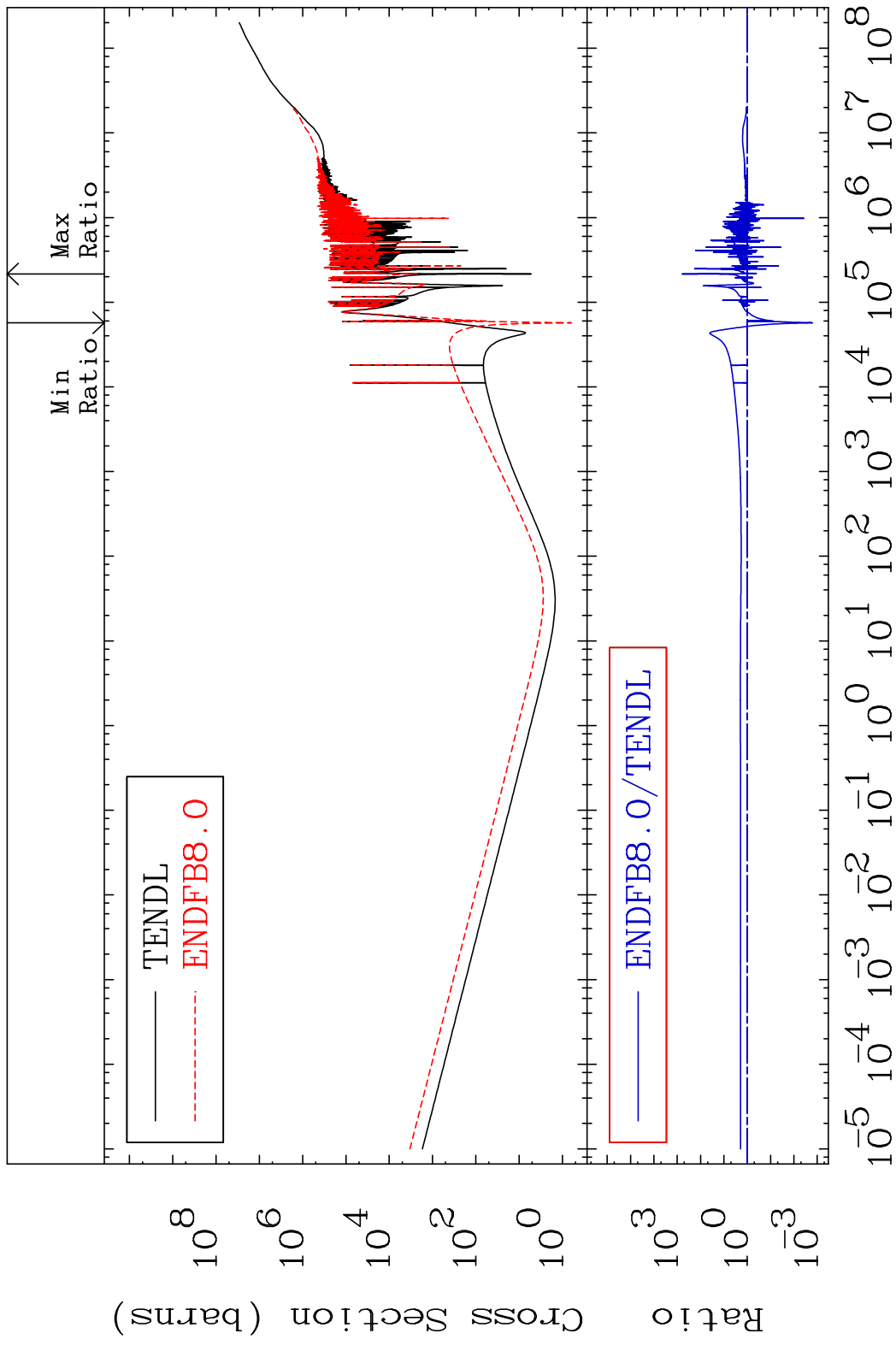


41

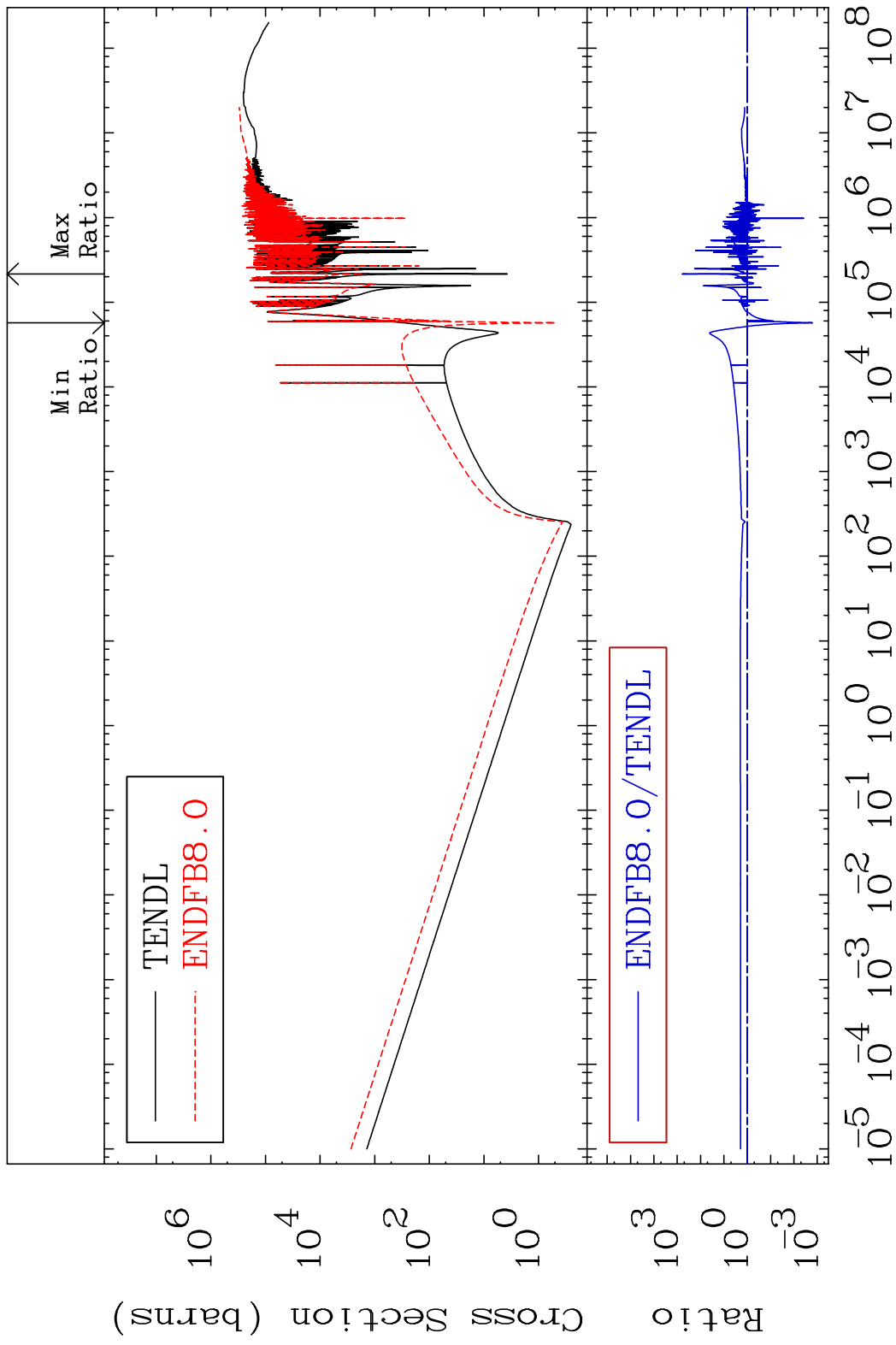
Incident Energy (eV)

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. %

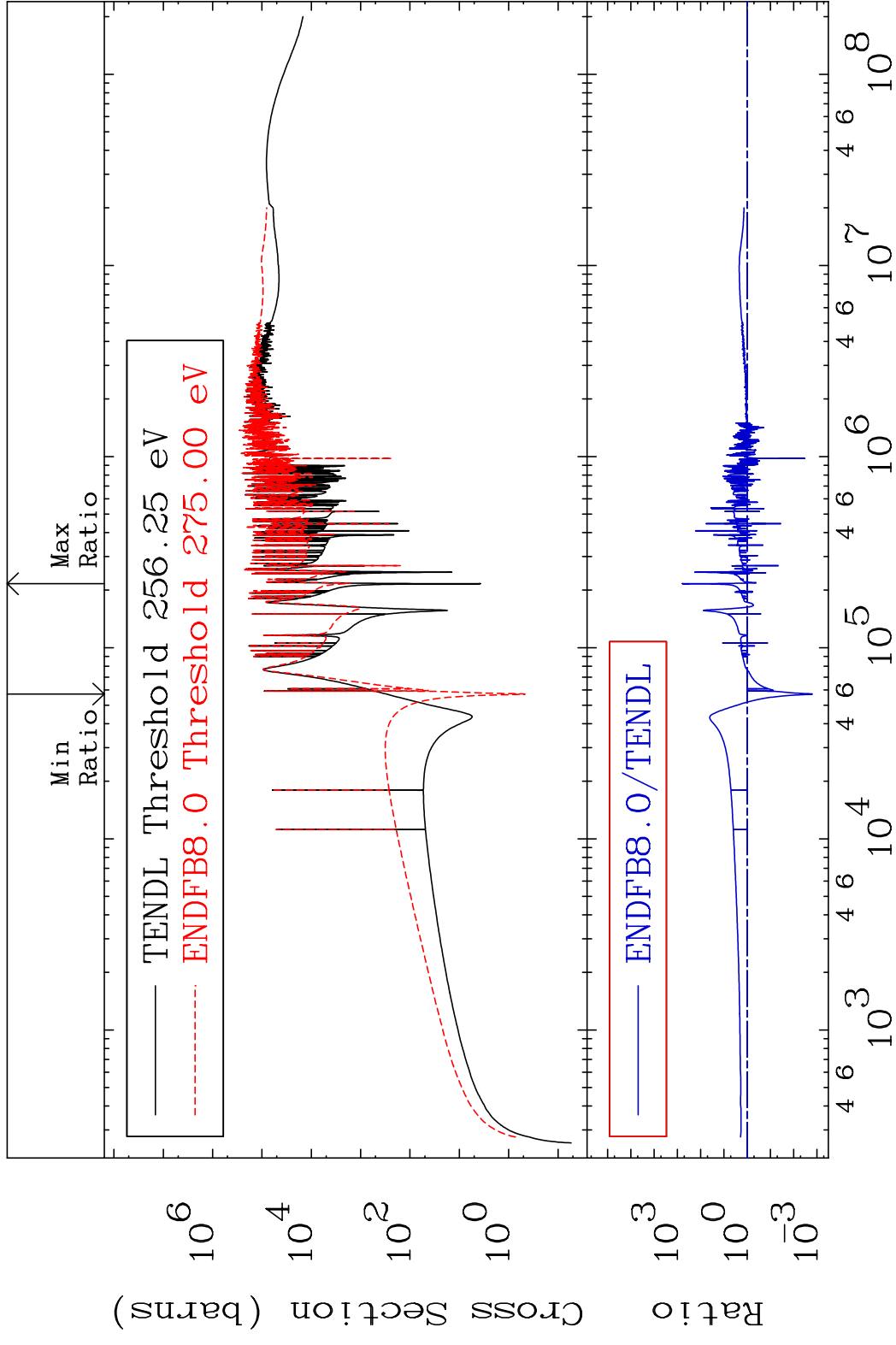


MAT 1837

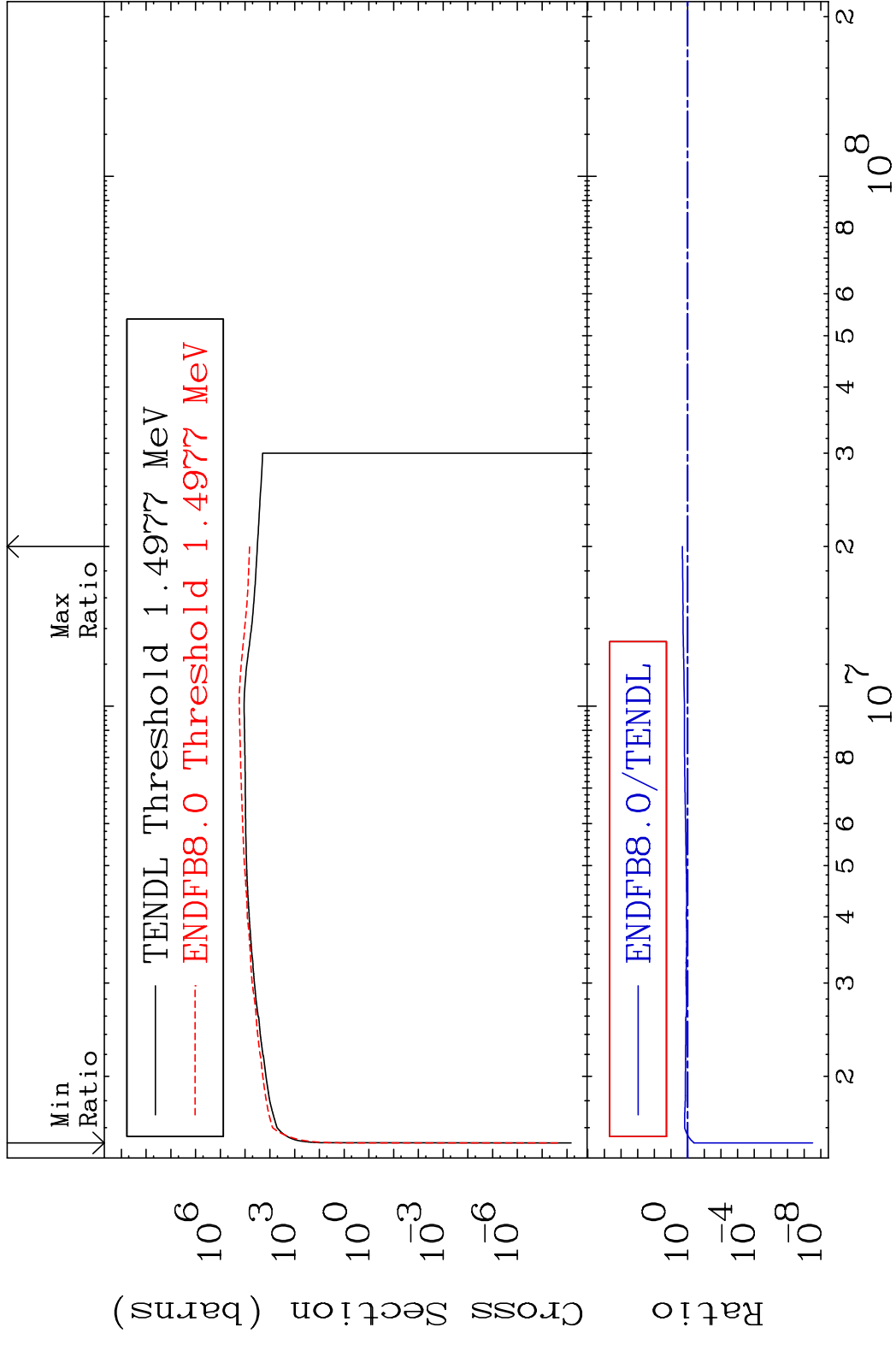
Dpa elastic (mt2)

18-Ar-40

Cross Section -99.85 To 9999. %



MAT 1837 Dpa inelastic (mt51-91) 18-Ar-40
 Cross Section -100.0 To 105.5 %



MAT 1837 Dpa disappearance (mt102 -120) 18-Ar-40
 Cross Section -99.13 To 9999. %

