

Program Complot
(Version 2021-1)

by

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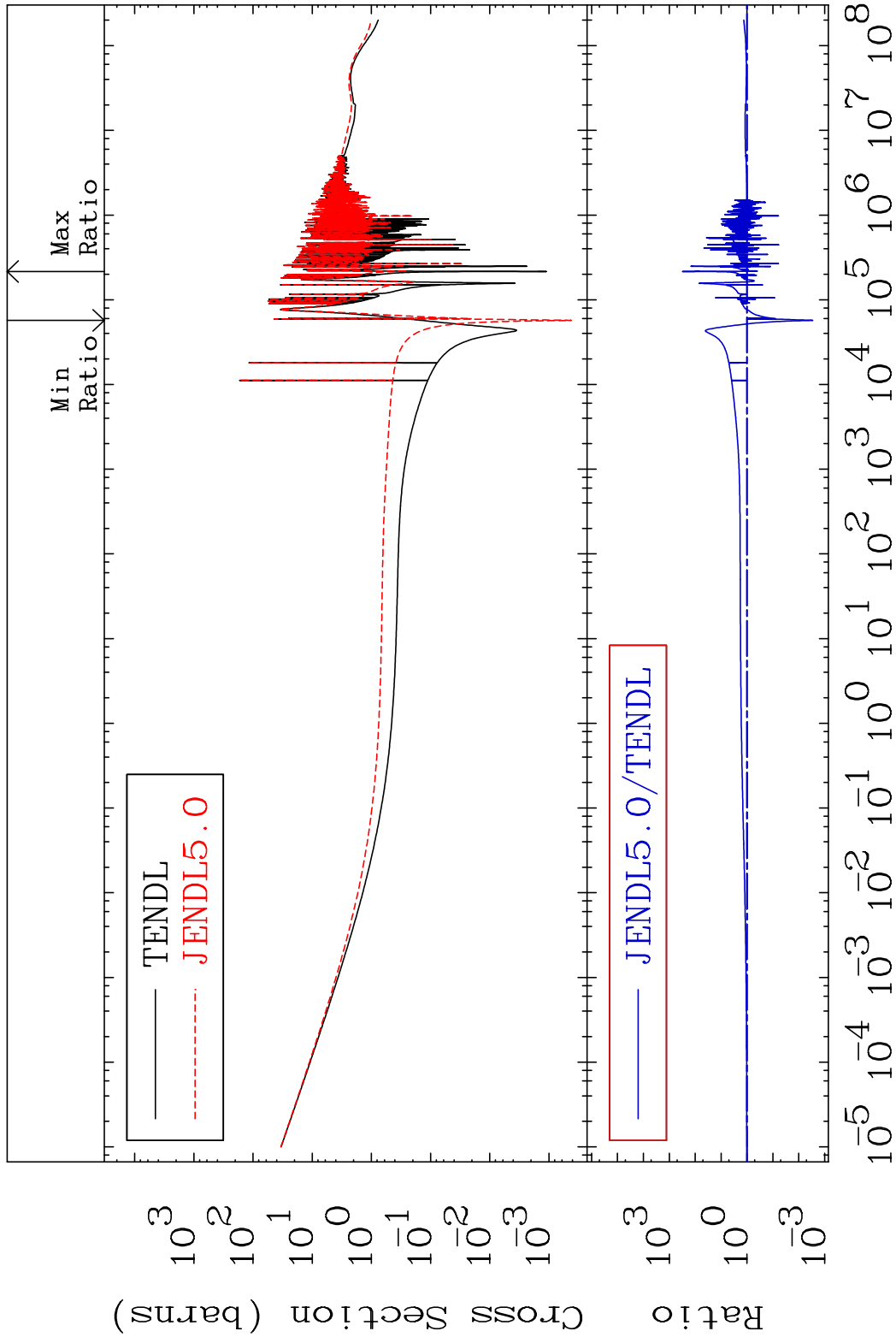
Press Mouse Button to Start

MAT 1837

Total

18-Ar-40

Cross Section -99.71 To 9999. %



1

Incident Energy (eV)

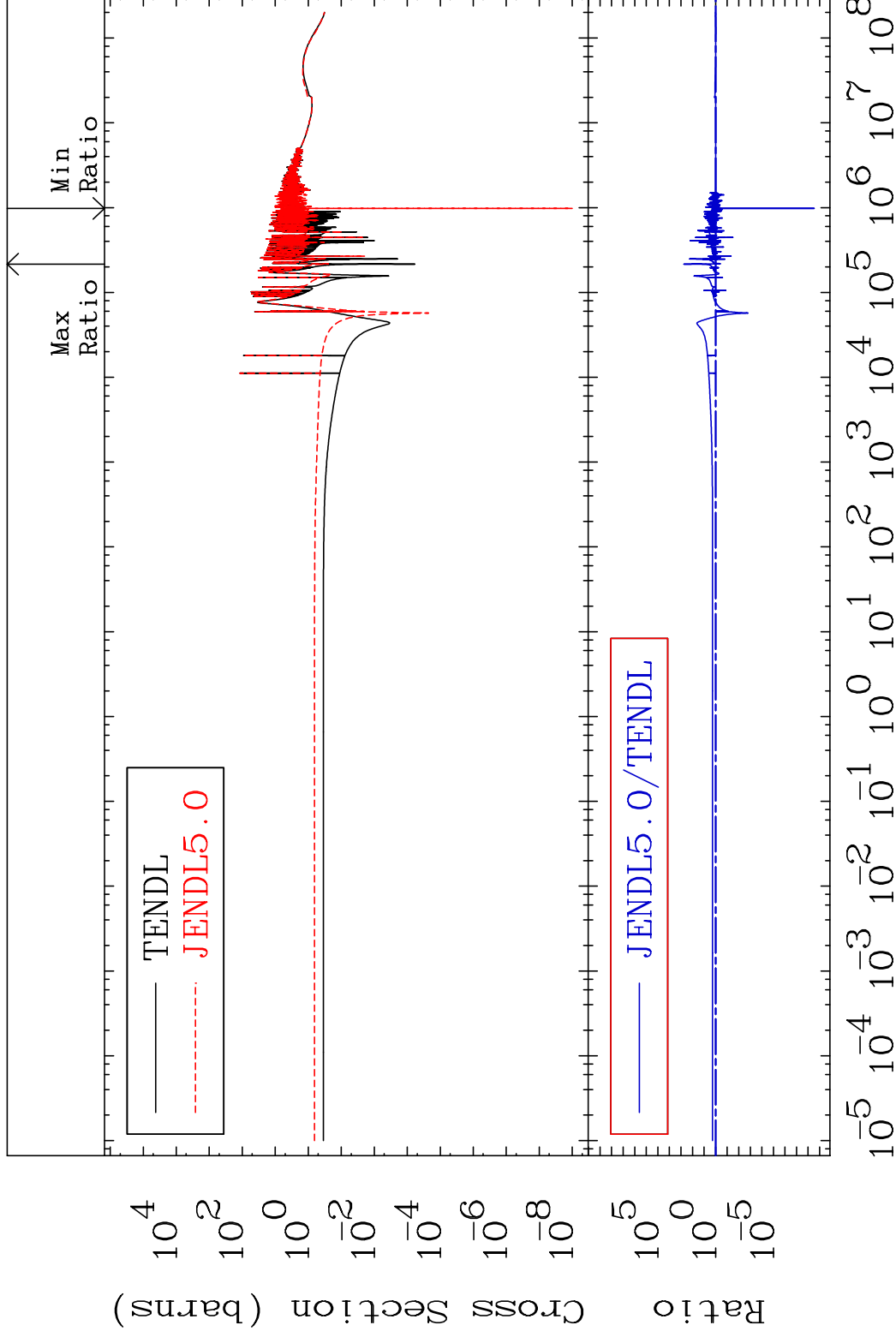
18-Ar-40

MAT 1837

Elastic

18-Ar-40

Cross Section -100.0 To 9999. %

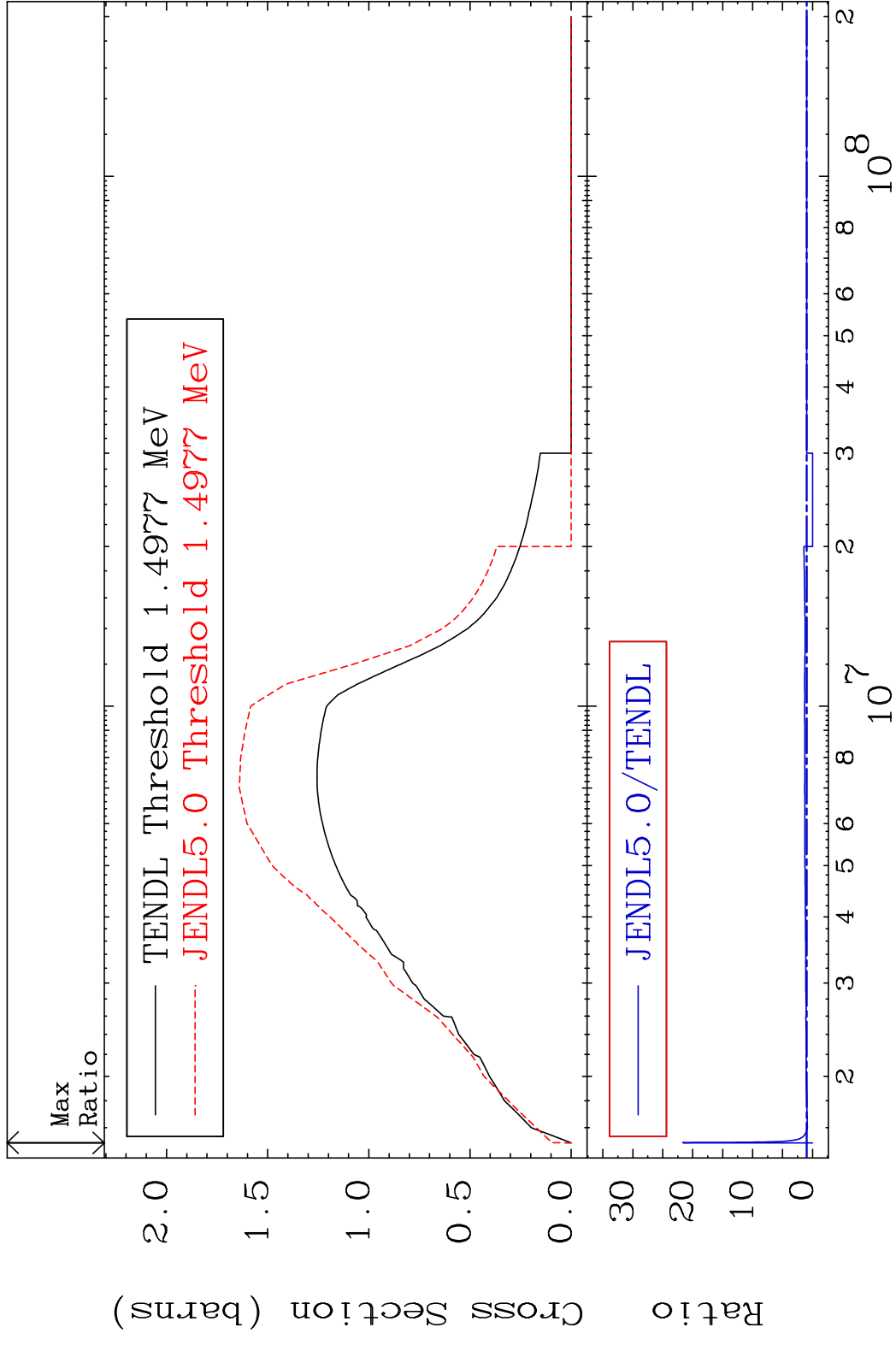


2

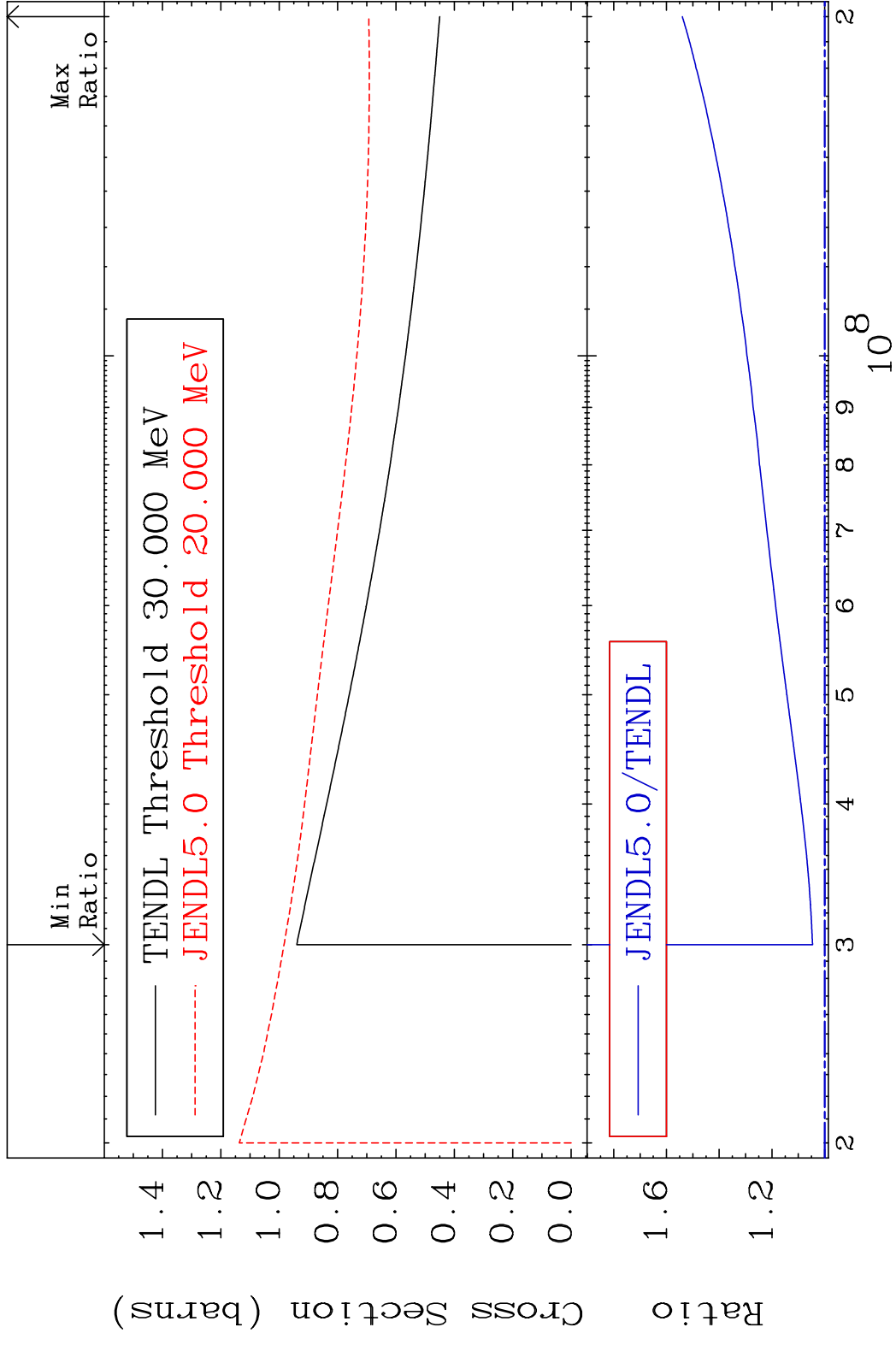
Incident Energy (eV)

18-Ar-40

MAT 1837 Inelastic Cross Section -100.0 To 2073. % 18-Ar-40

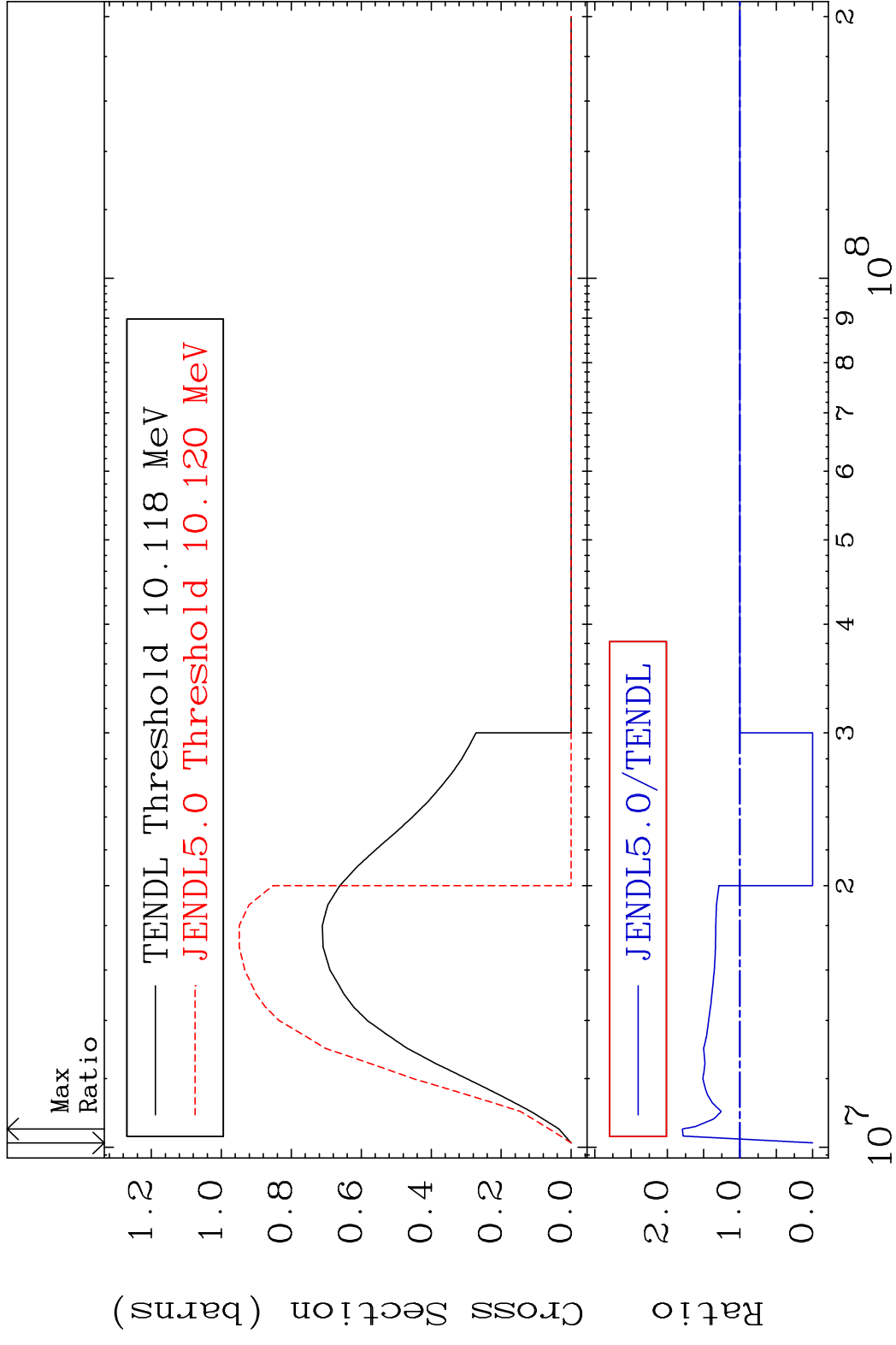


MAT 1837 (n, remainder) 18-Ar-40
 Cross Section 4.607 To 53.97 %

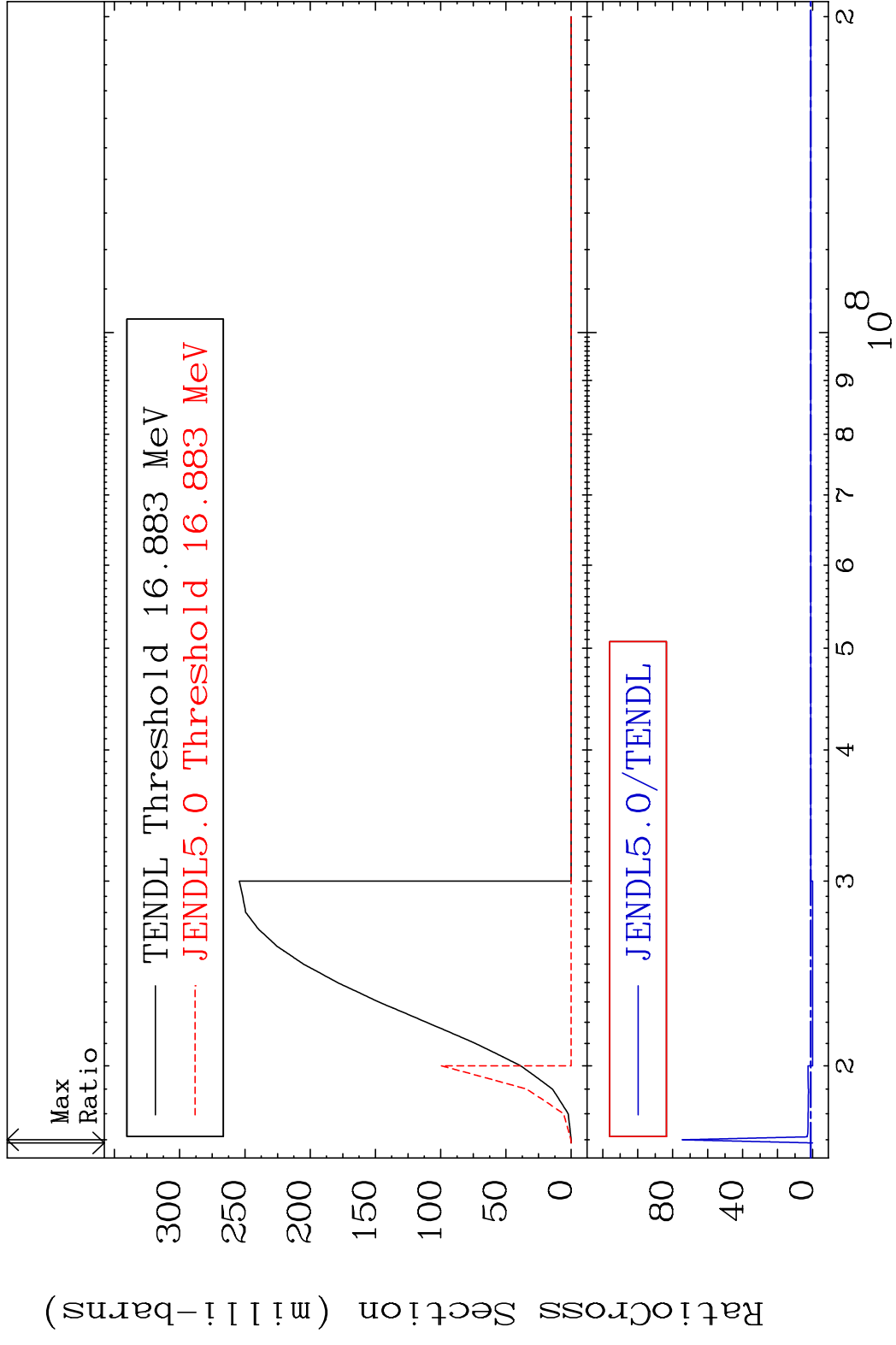


4 Incident Energy (eV) 18-Ar-40

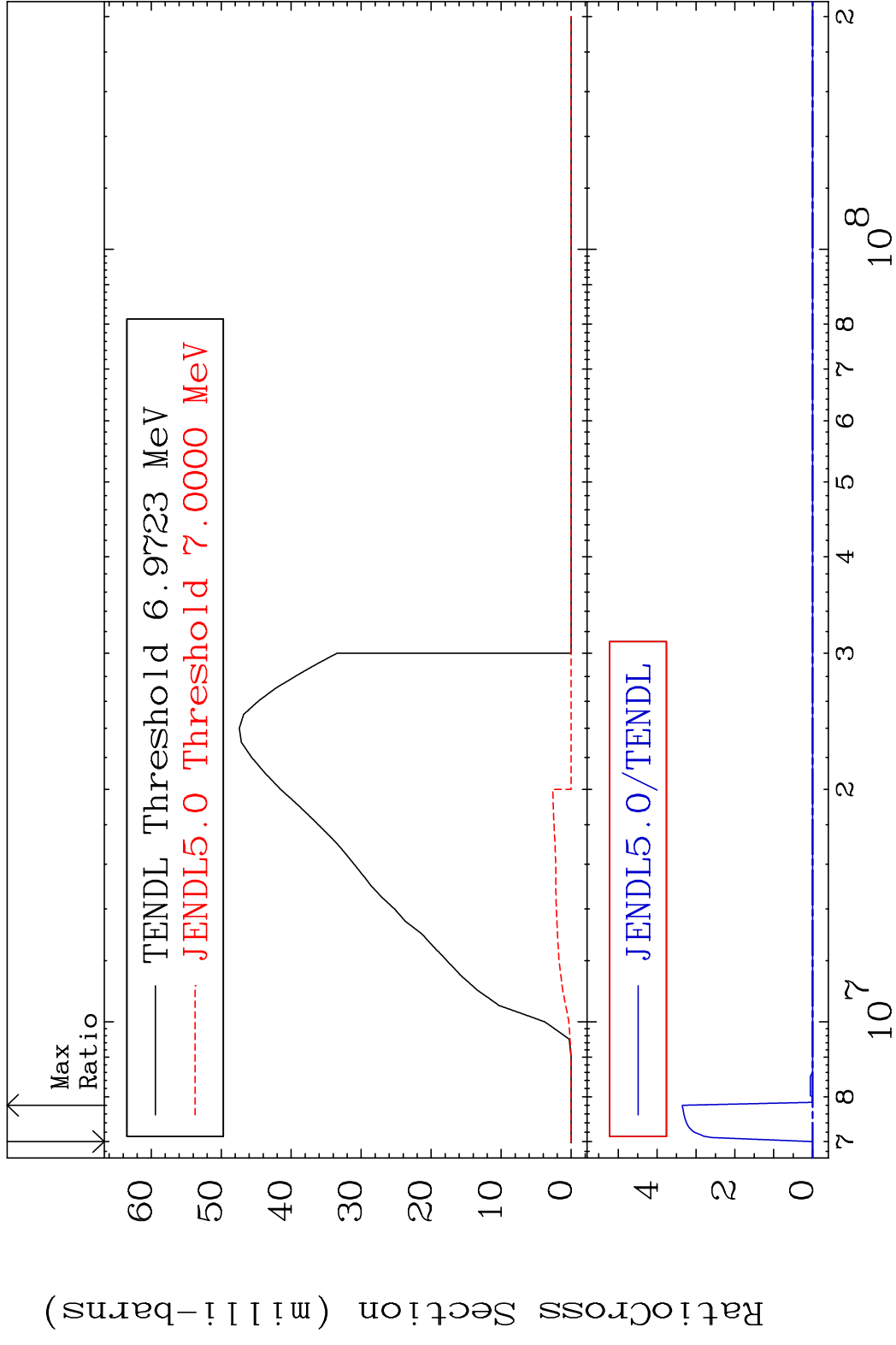
MAT 1837 (n,2n) 18-Ar-40
 Cross Section -100.0 To 79.36 %



MAT 1837 (n,3n) 18-Ar-40
 Cross Section -100.0 To 7347. %



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



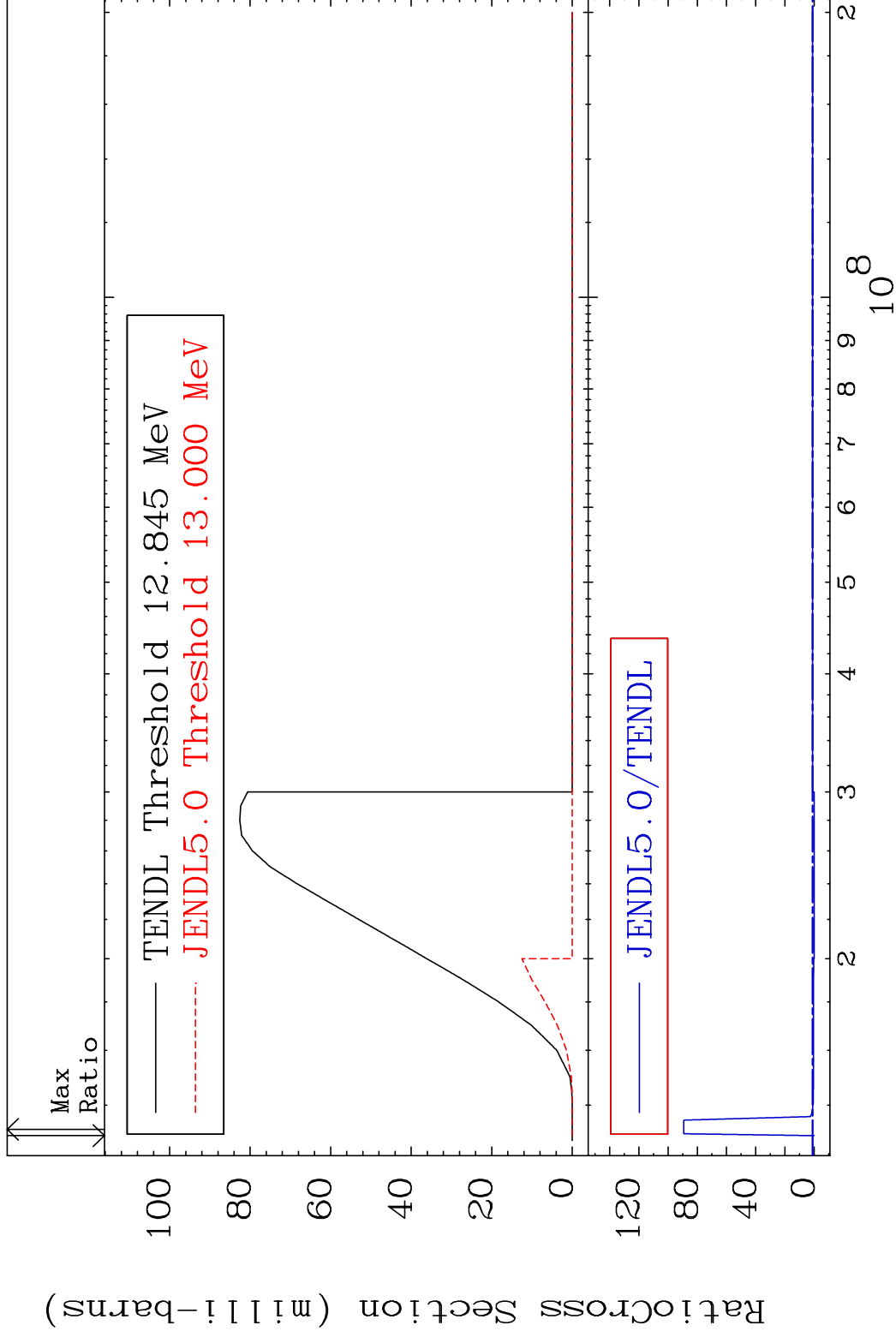
7 18-Ar-40

MAT 1837

(n, n') p

18-Ar-40

Cross Section -100.0 To 8835. %

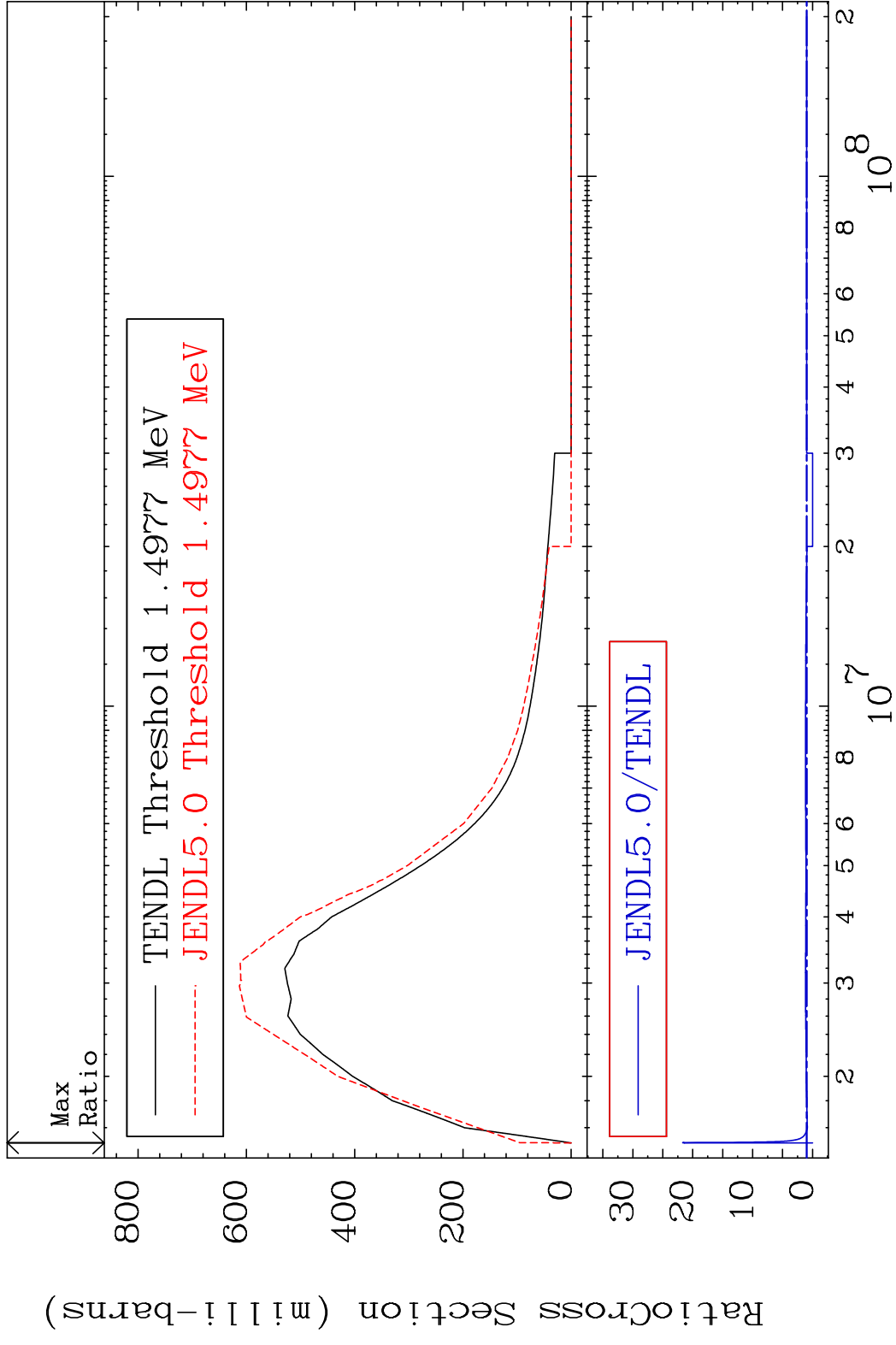


8

Incident Energy (eV)

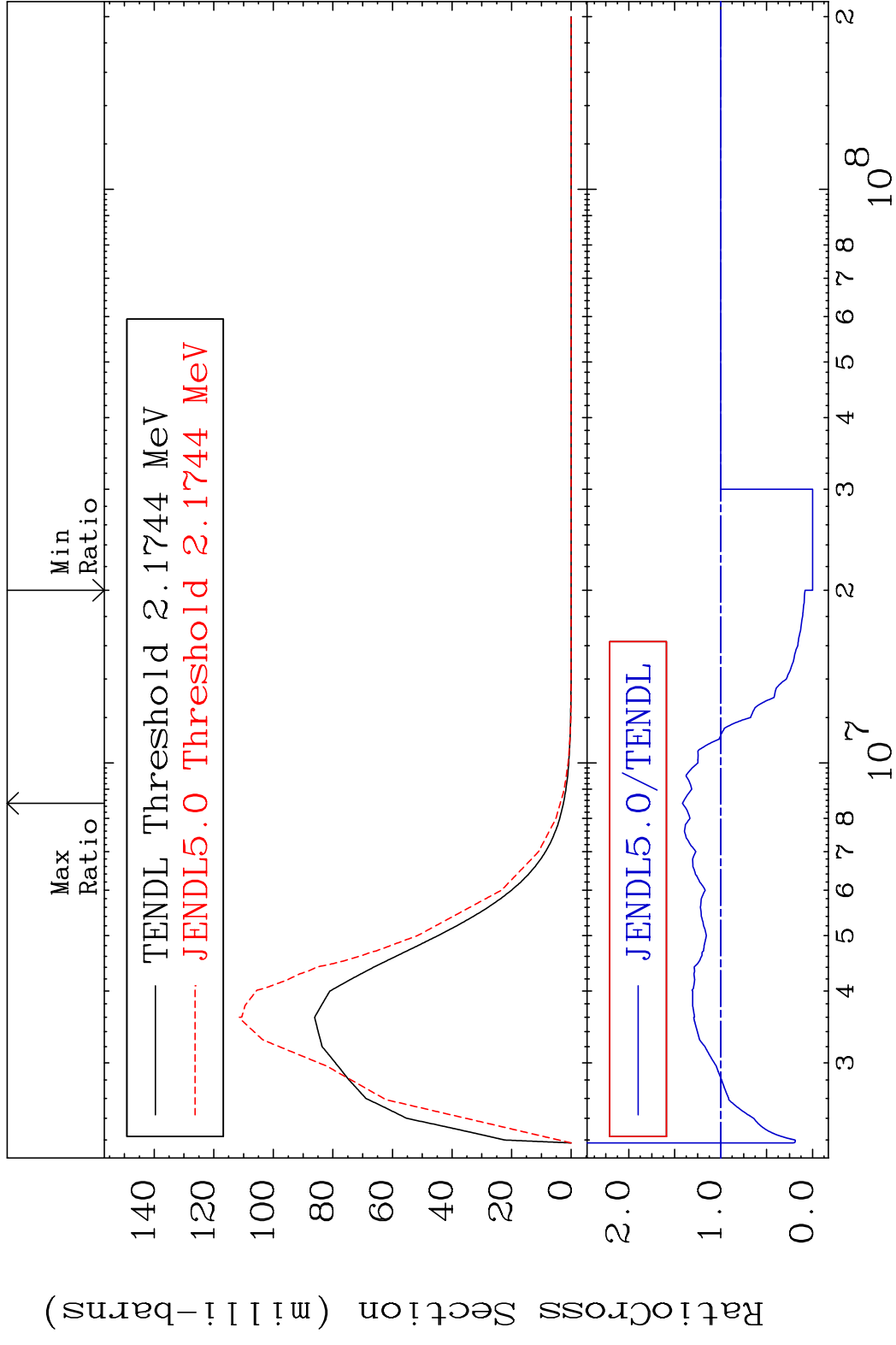
18-Ar-40

MAT 1837 MT= 51 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 2073. %



9 Incident Energy (eV) 18-Ar-40

MAT 1837 MT= 52 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 41.71 %

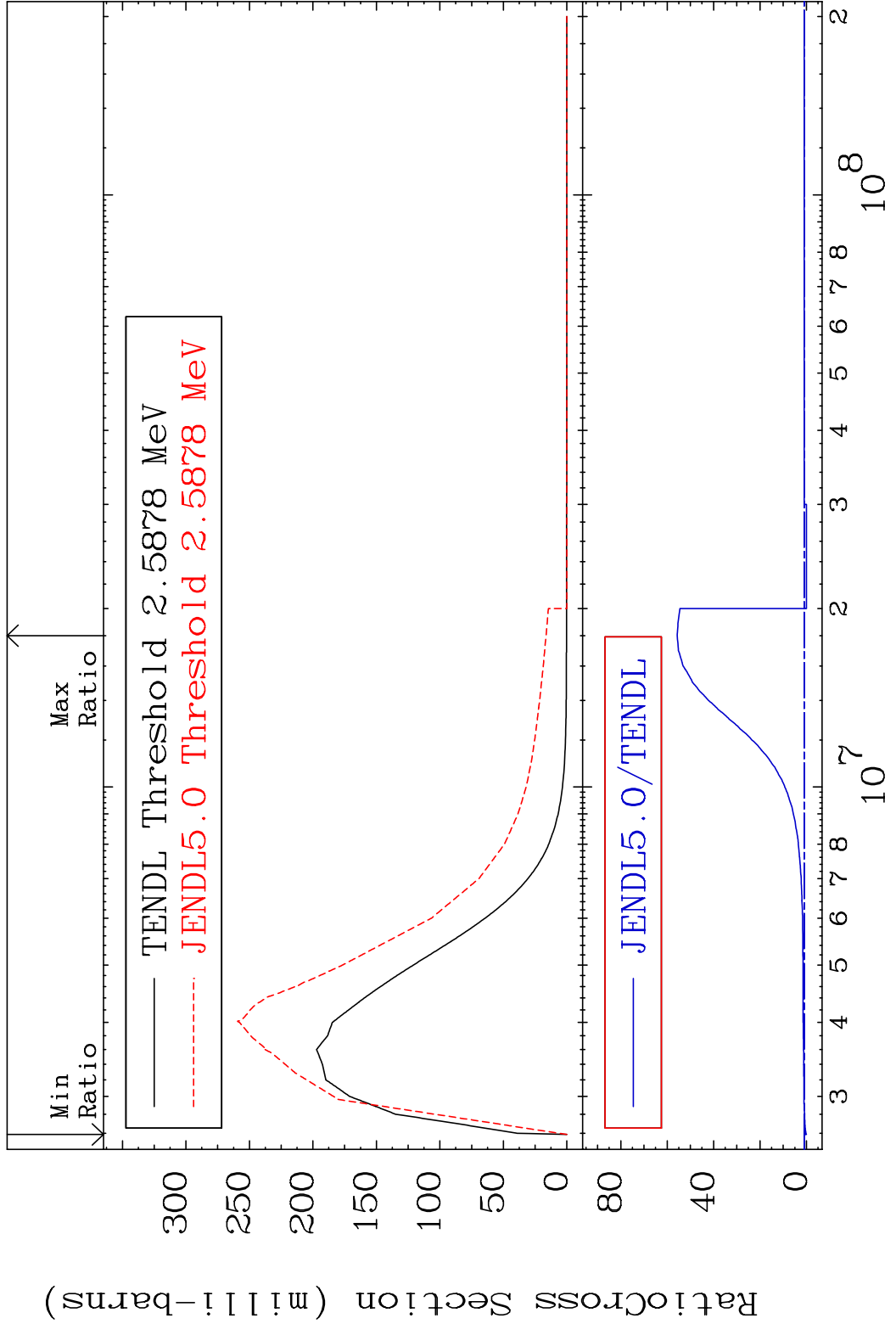


10

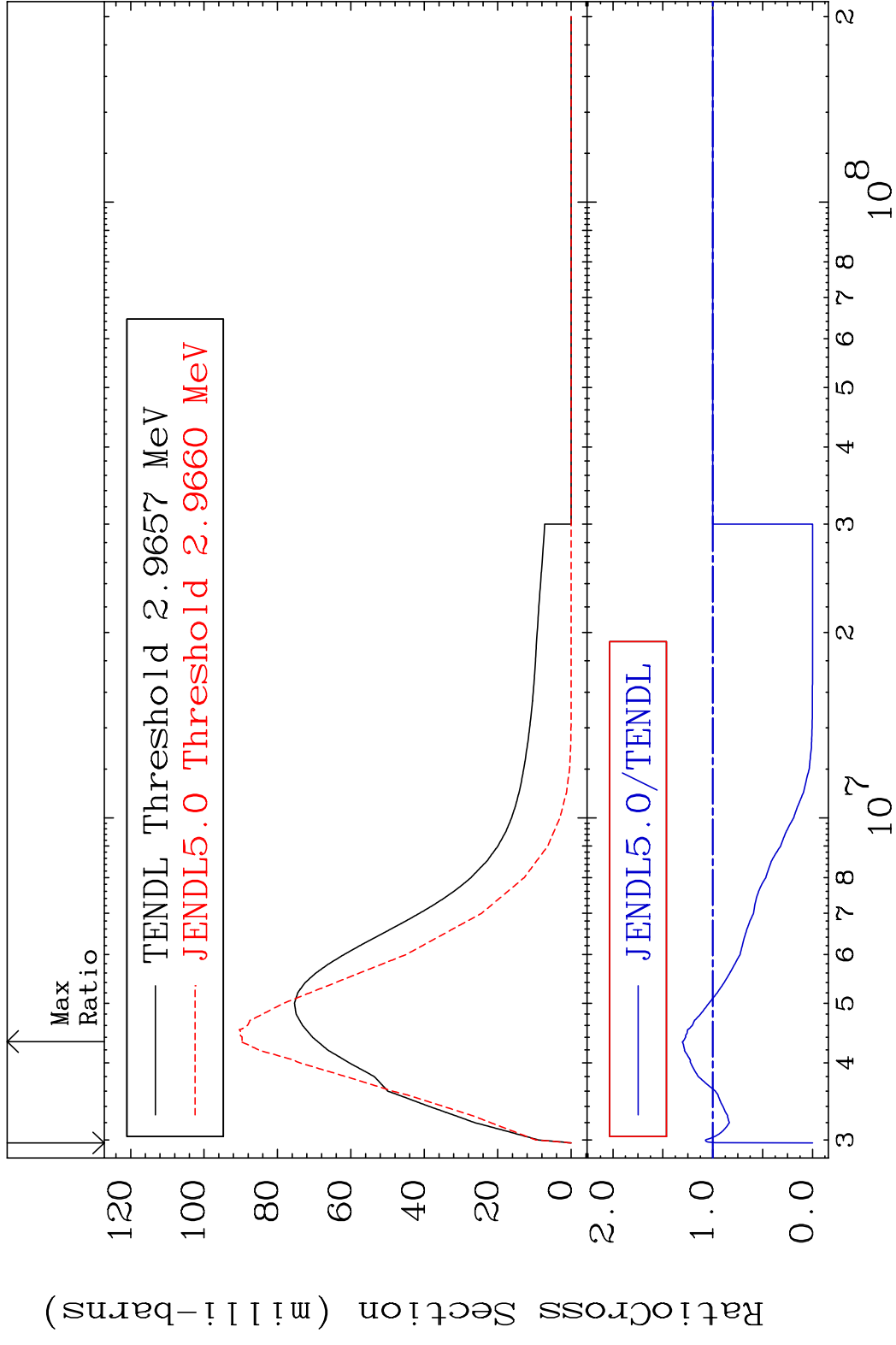
Incident Energy (eV)

18-Ar-40

MAT 1837 MT= 53 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 5469. %

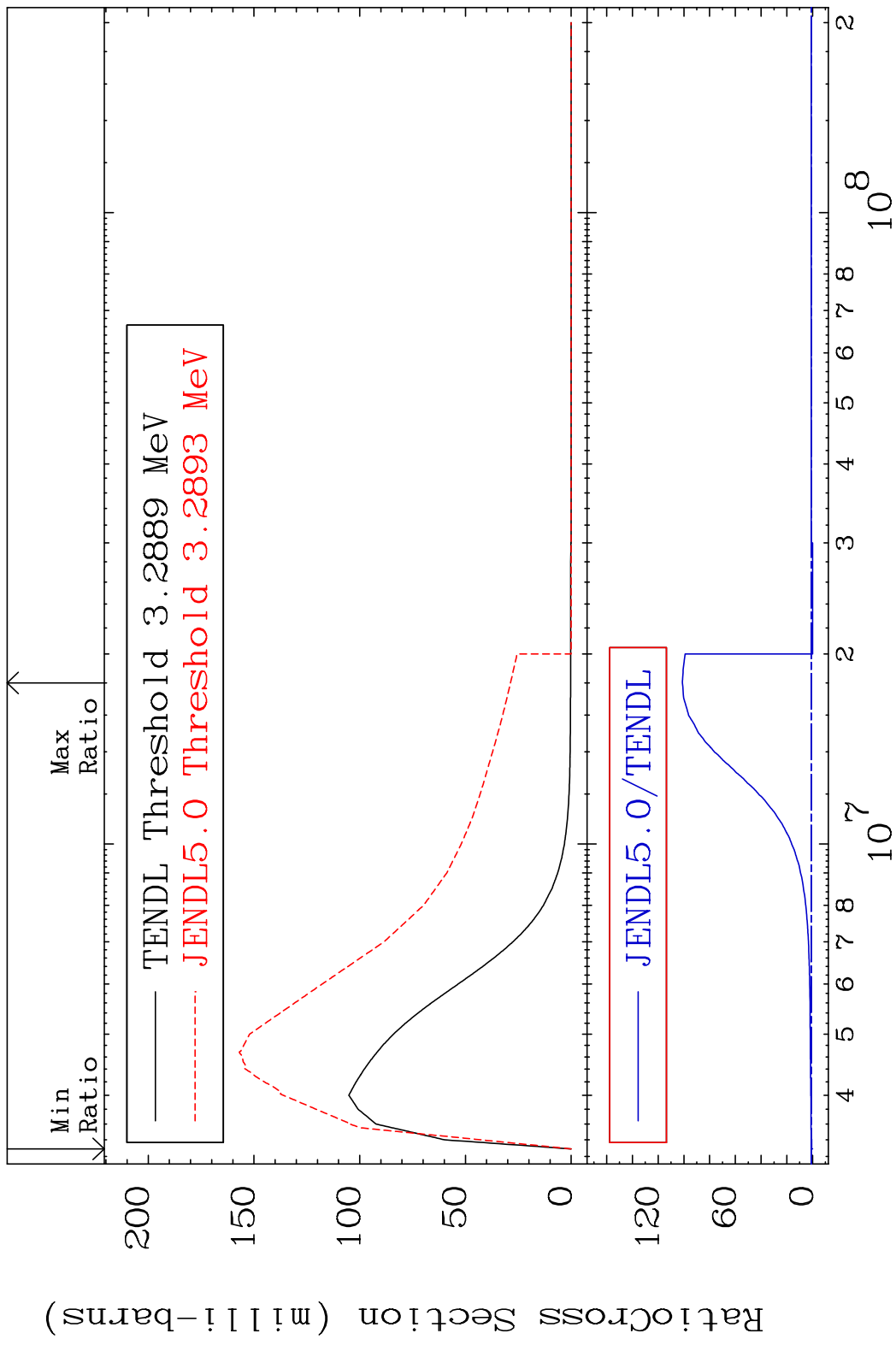


MAT 1837 MT= 54 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 30.48 %

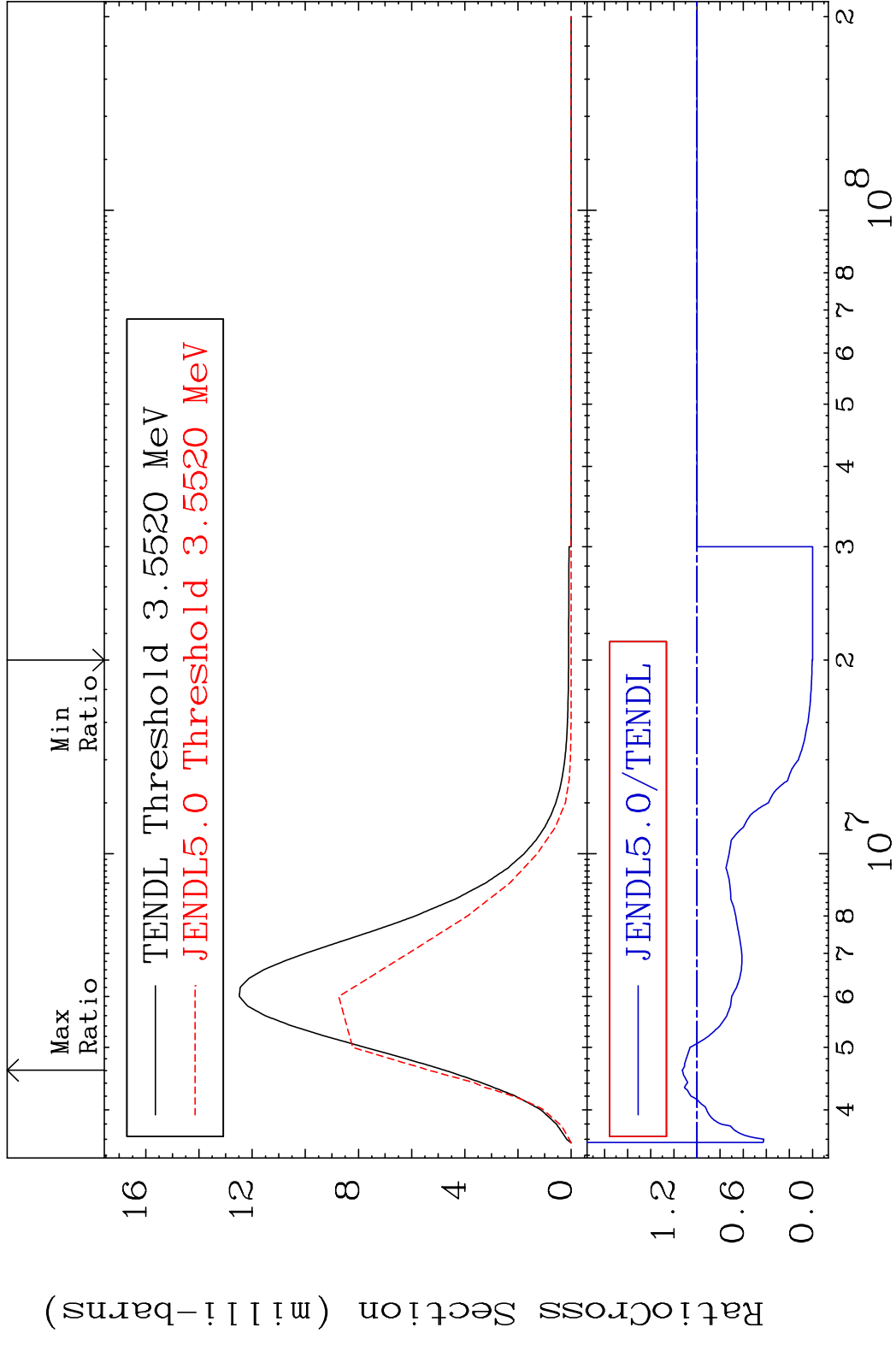


12 Incident Energy (eV) 18-Ar-40

MAT 1837 MT= 55 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 9999. %

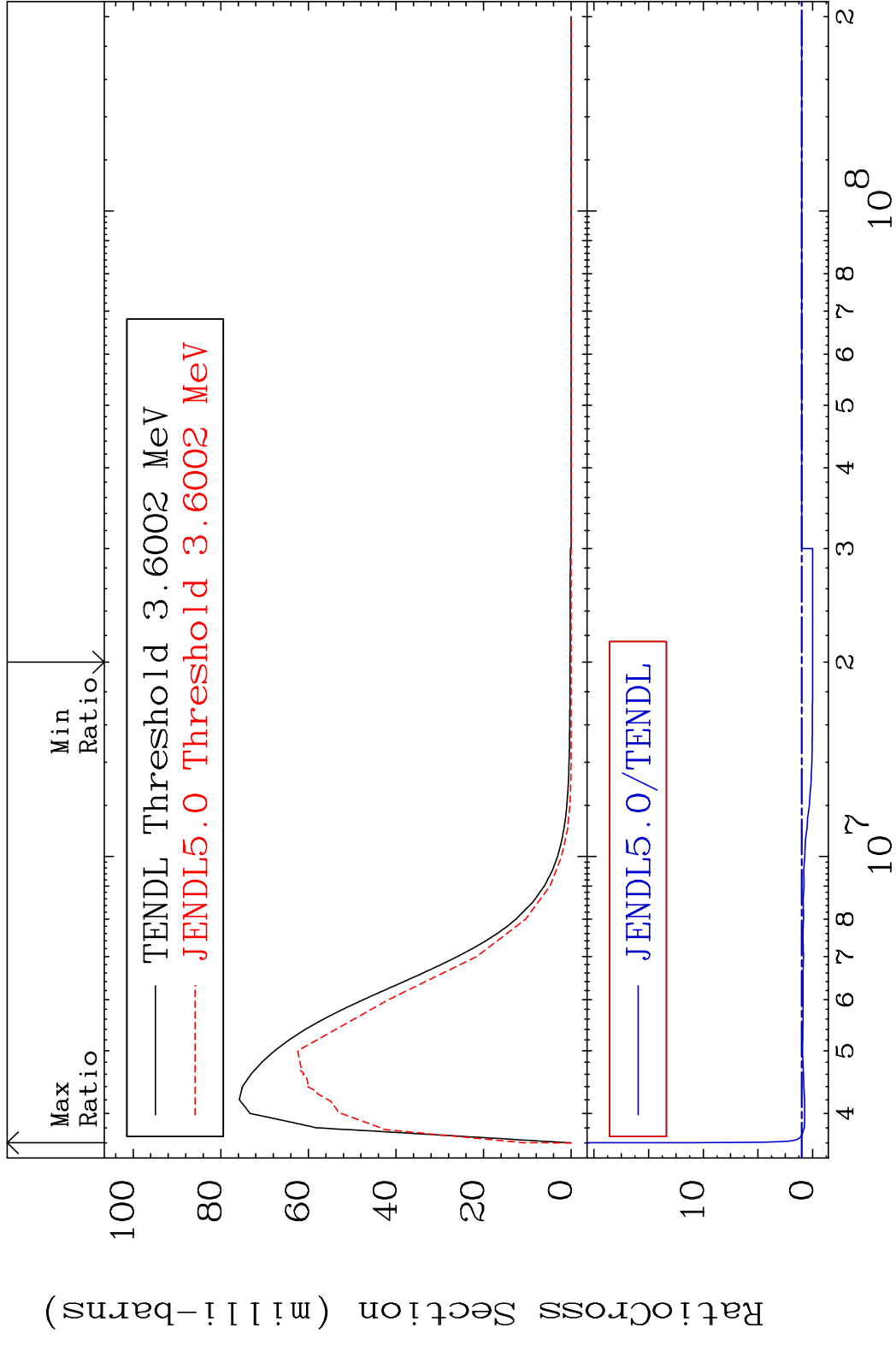


MAT 1837 MT= 56 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 12.65 %



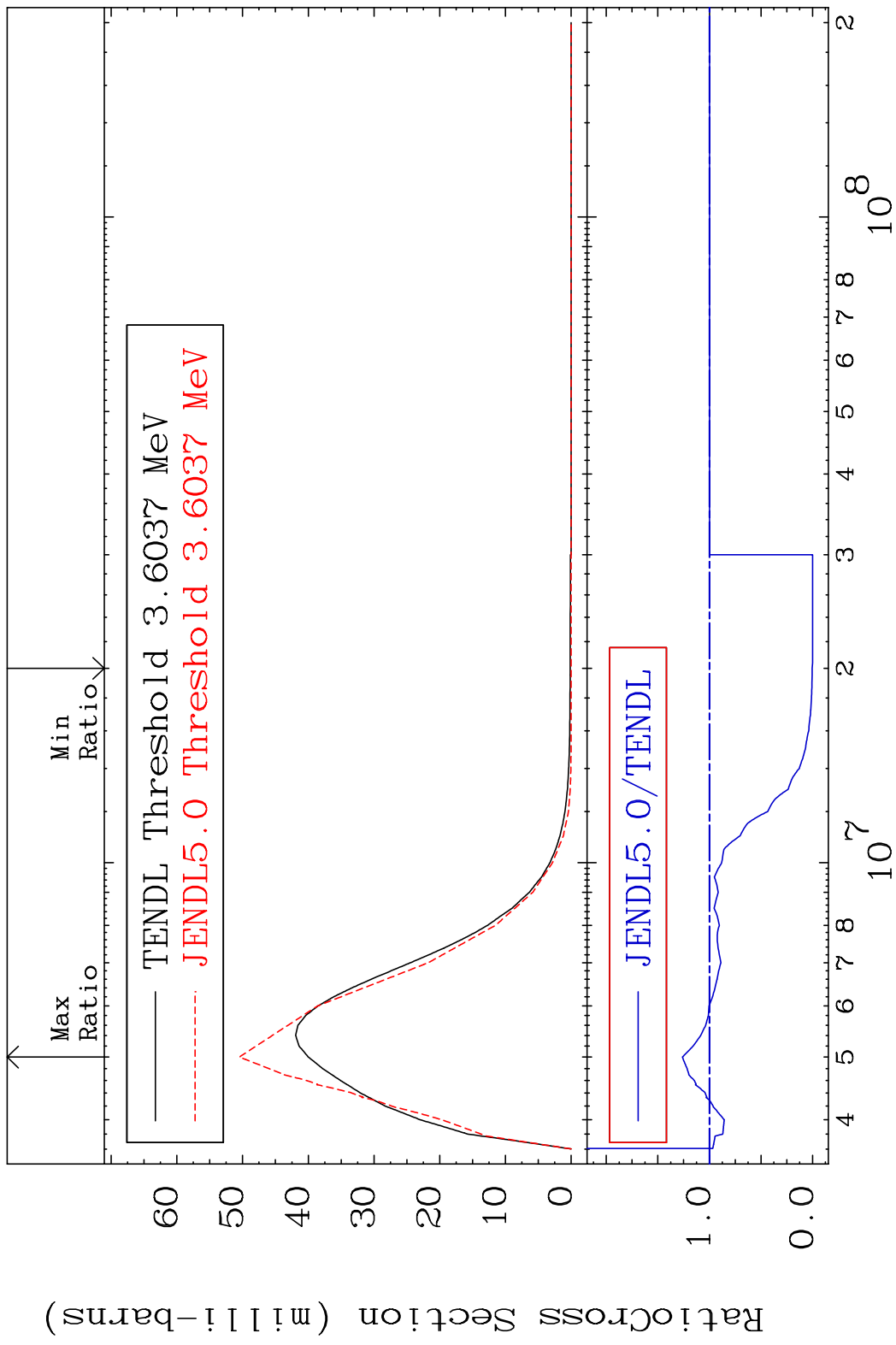
14 Incident Energy (eV) 18-Ar-40

MAT 1837 MT= 57 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 1092. %

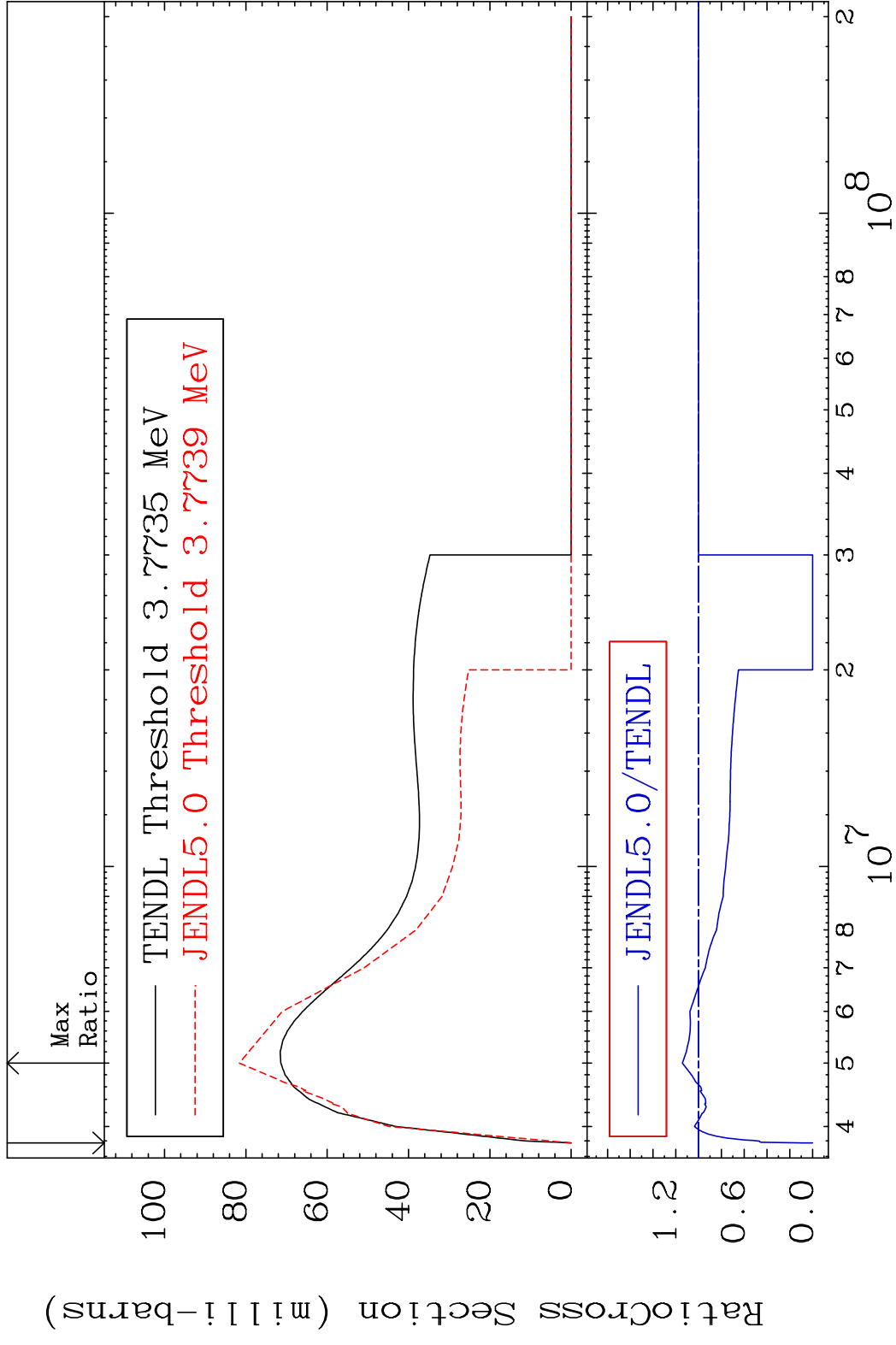


15 Incident Energy (eV) 18-Ar-40

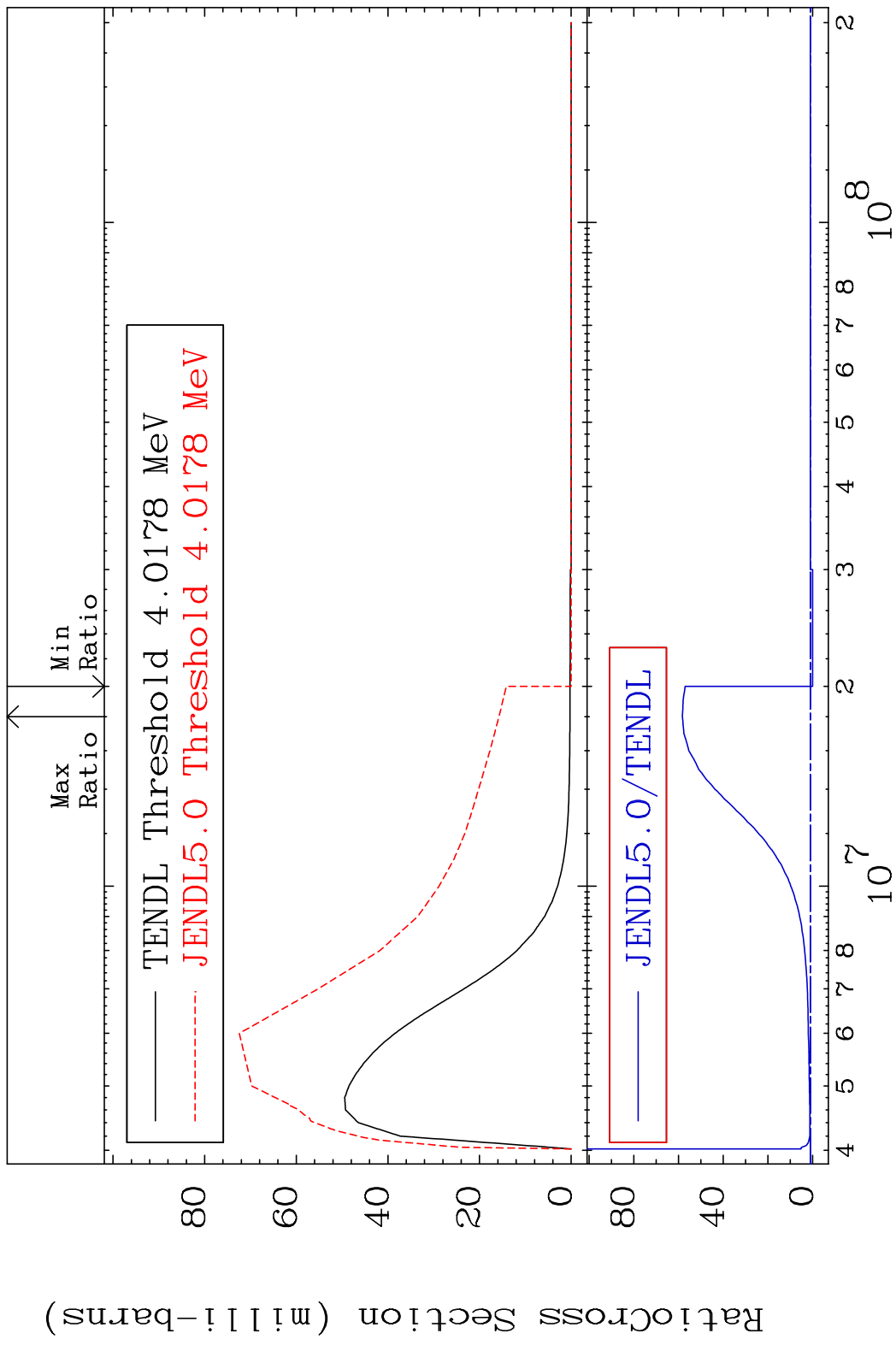
MAT 1837 MT= 58 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 26.24 %



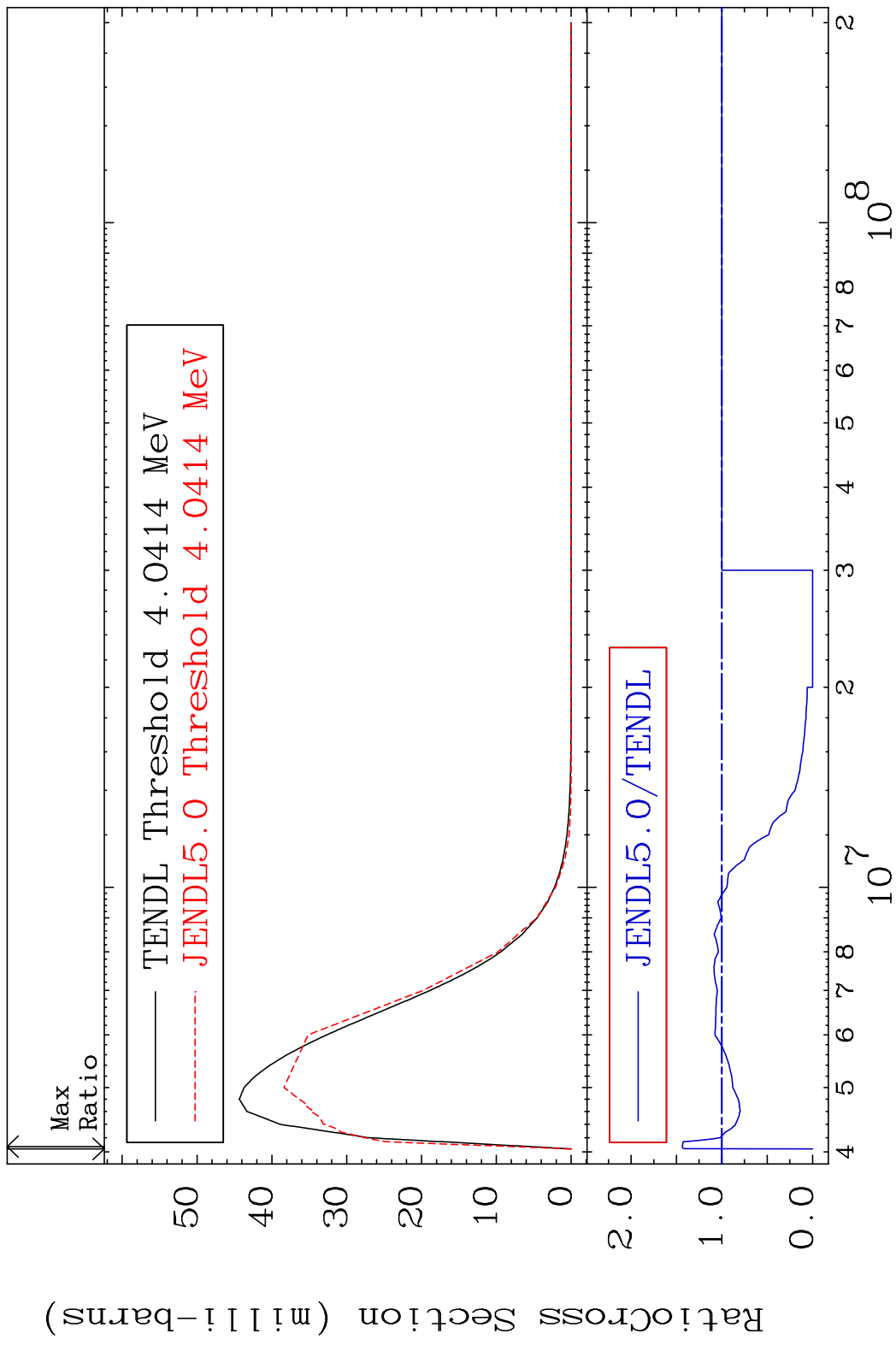
MAT 1837 MT= 59 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 14.28 %



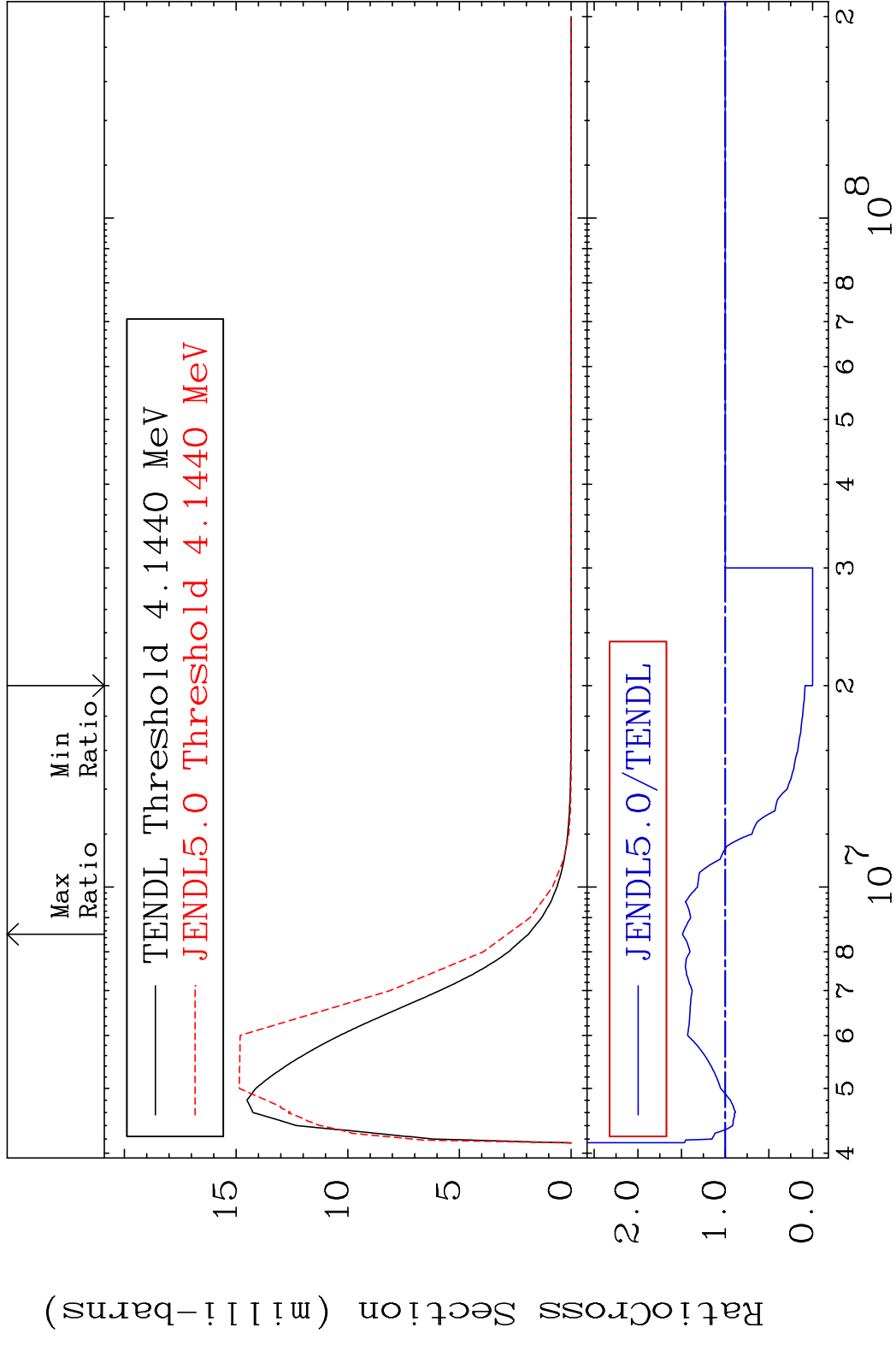
MAT 1837 MT= 60 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 5725. %



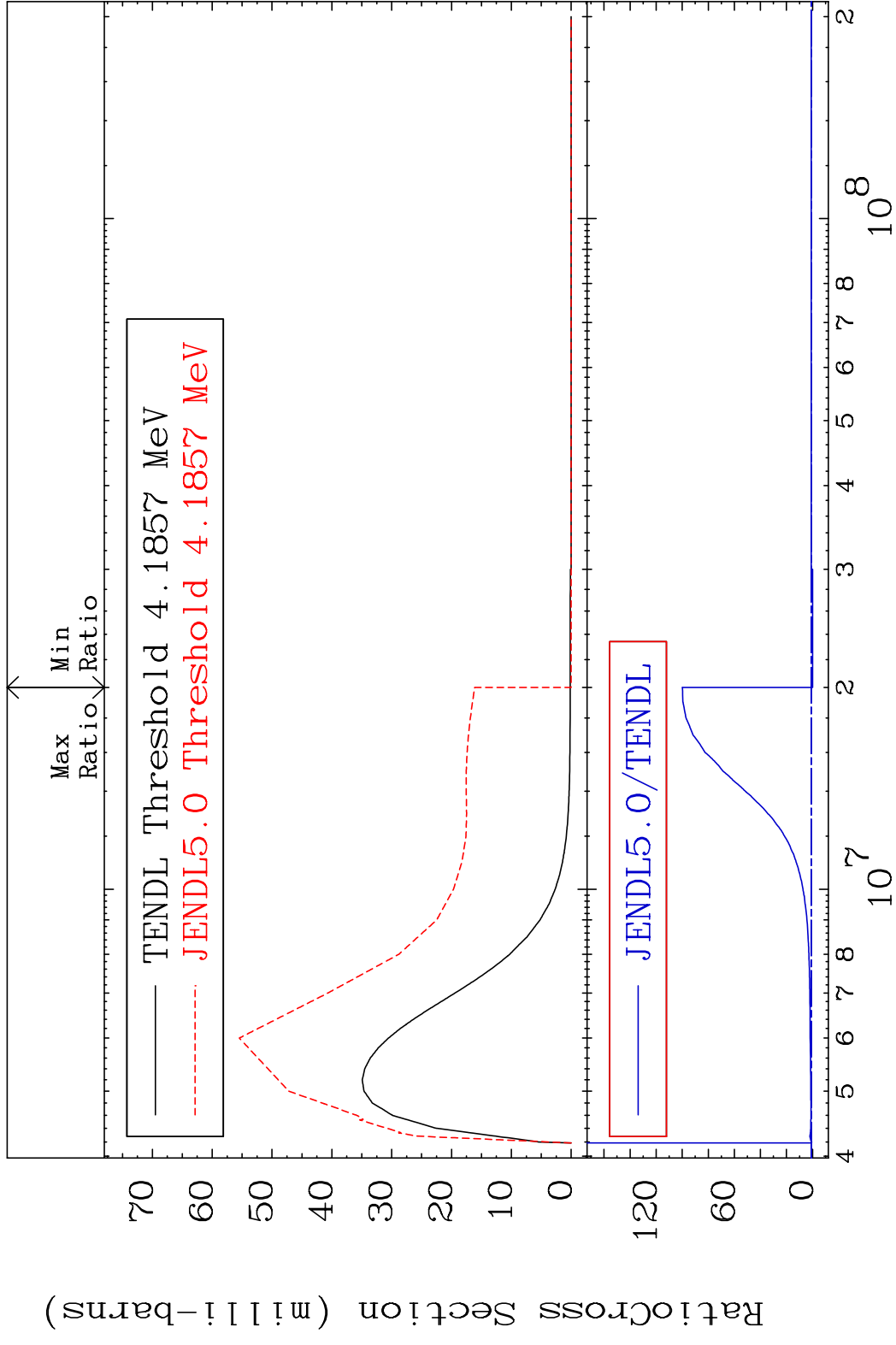
MAT 1837 MT= 61 (n,n') Level 18-Ar-40
 Cross Section -100.0 To 43.51 %



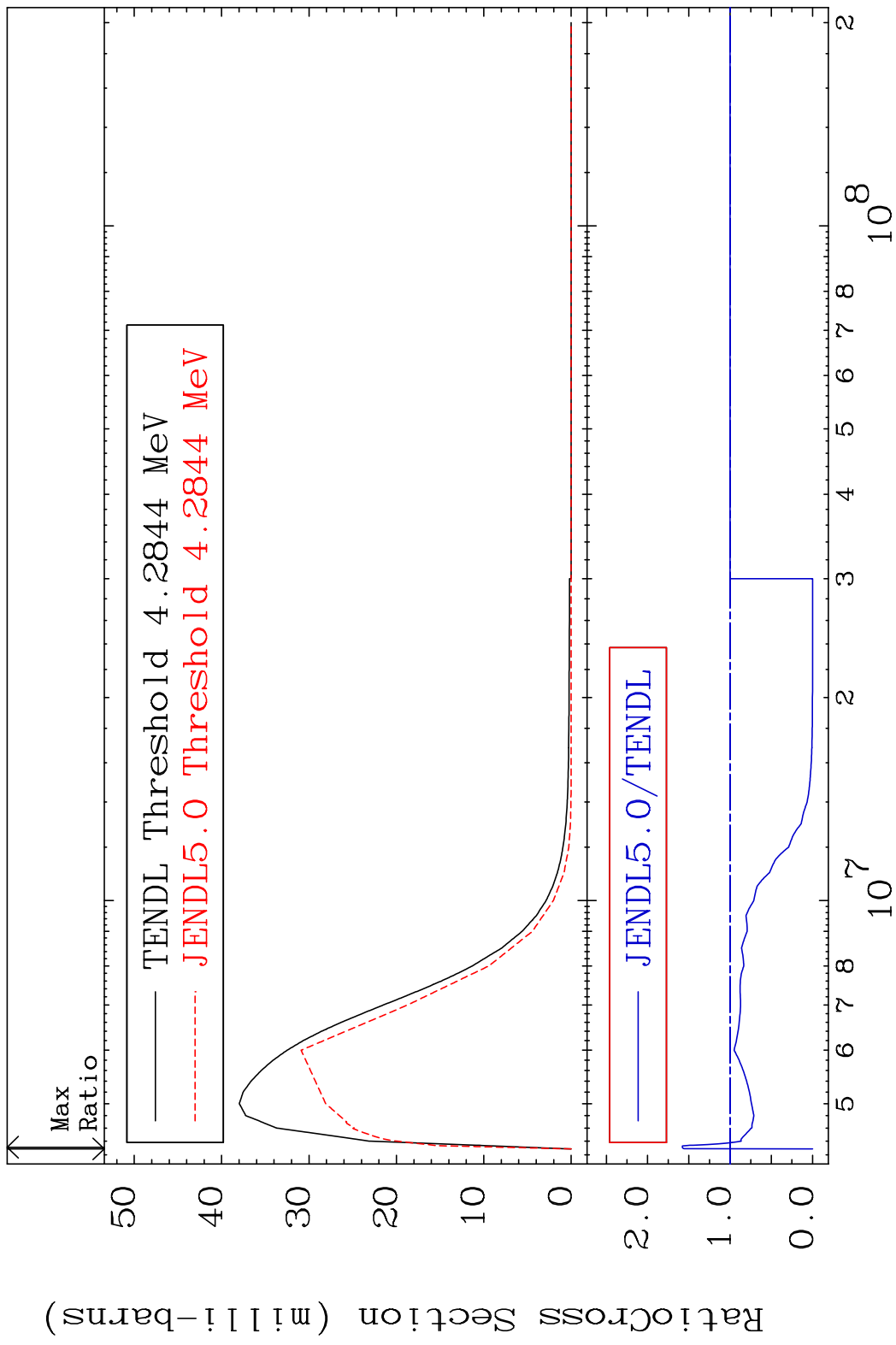
MAT 1837 MT= 62 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 49.09 %



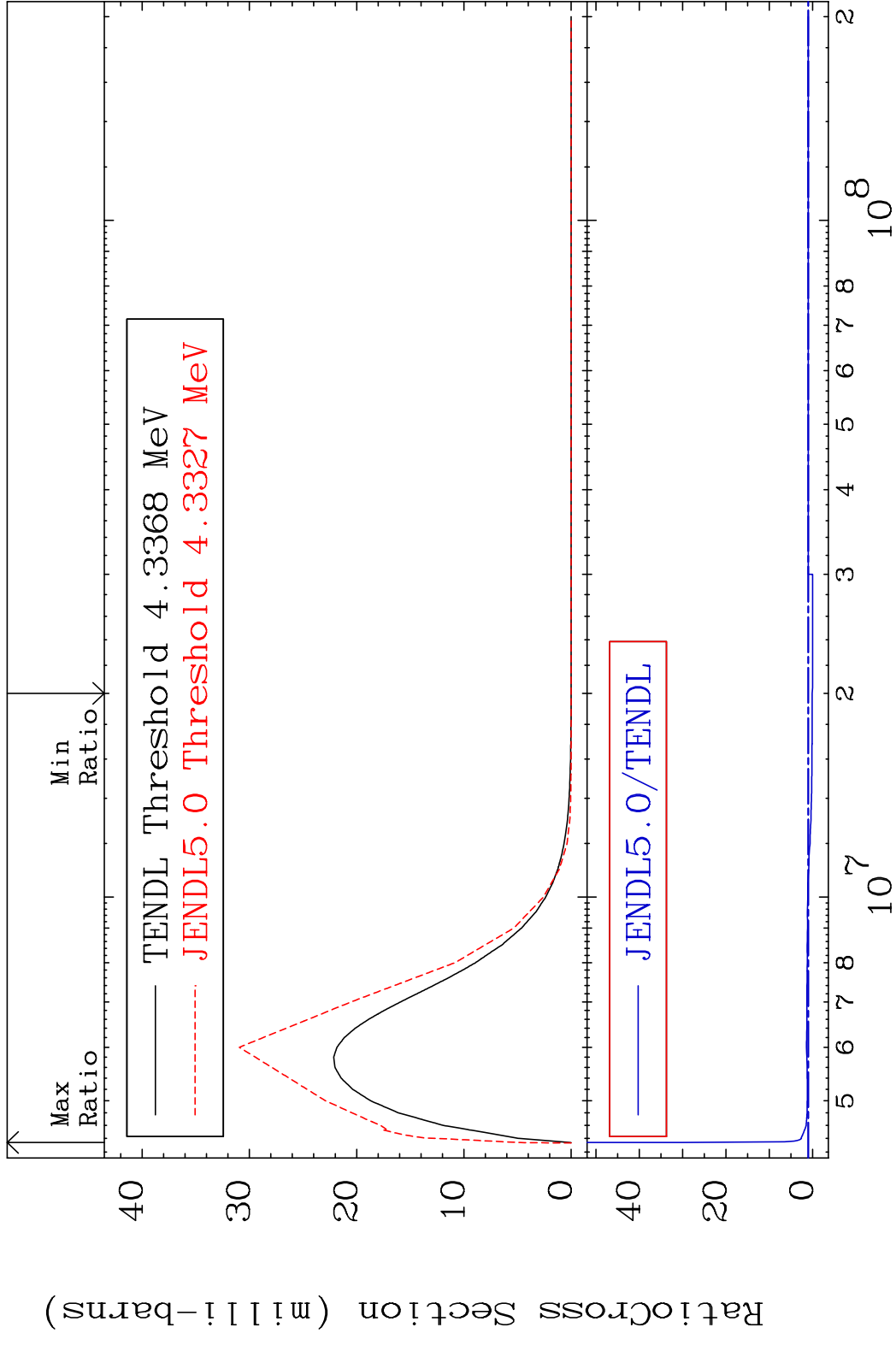
MAT 1837 MT= 63 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 9889. %



MAT 1837 MT= 64 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 57.85 %



MAT 1837 MT= 65 (n, n') Level 18-Ar-40
 Cross Section -100.0 To 2906. %

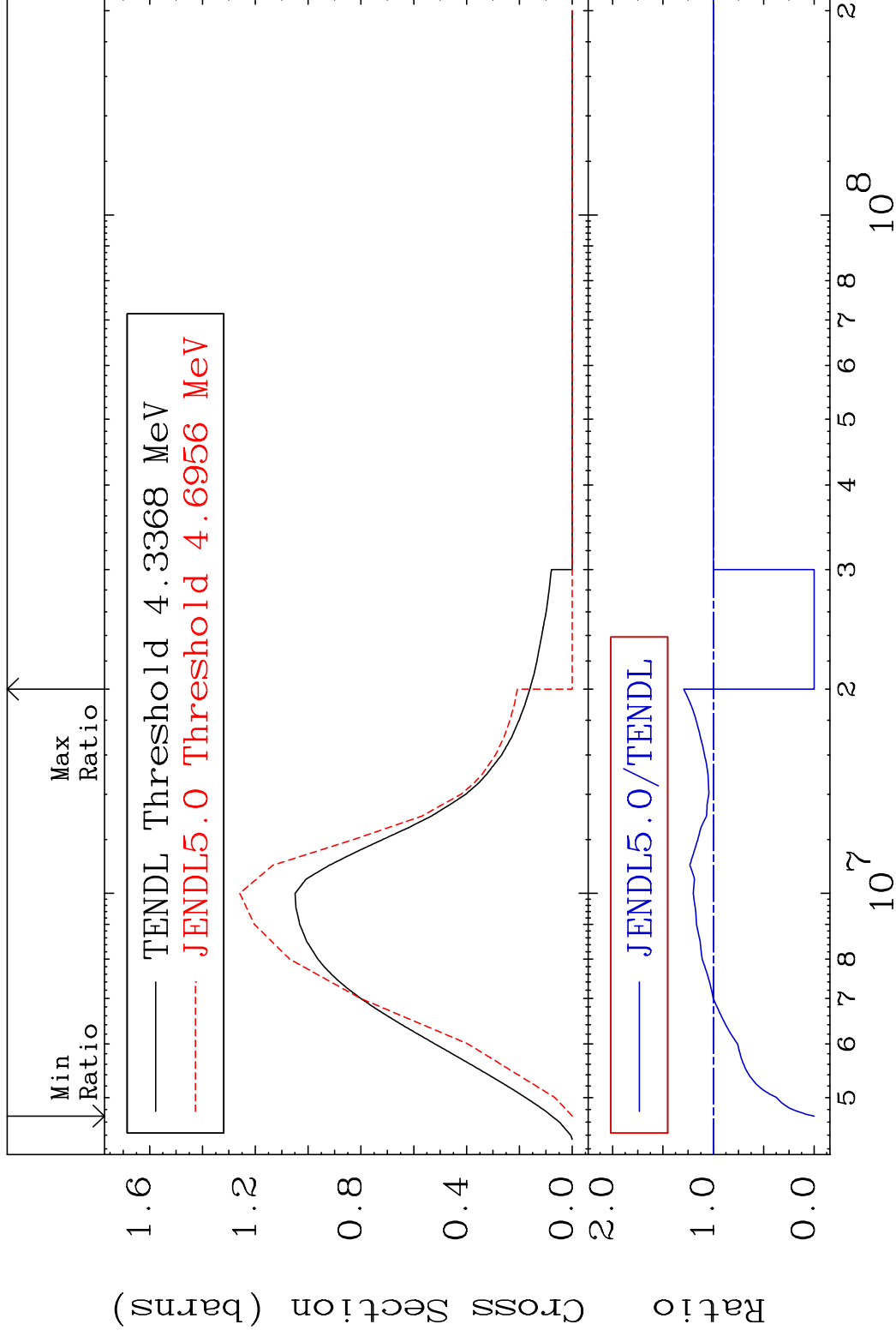


MAT 1837

(n,n') Continuum

18-Ar-40

Cross Section -100.0 To 29.44 %



24

Incident Energy (eV)

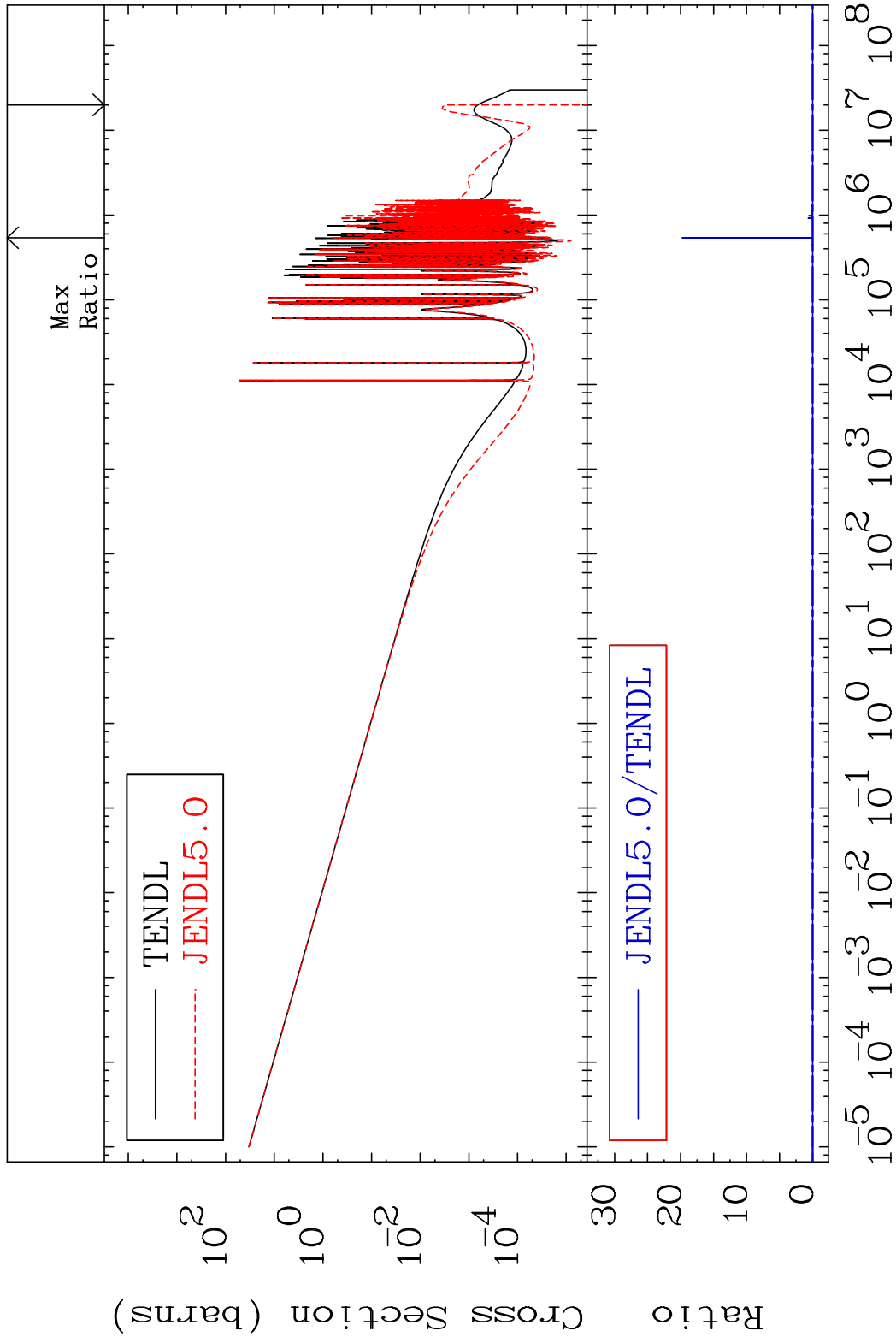
18-Ar-40

MAT 1837

(n, γ)

18-Ar-40

Cross Section -100.0 To 9999. %

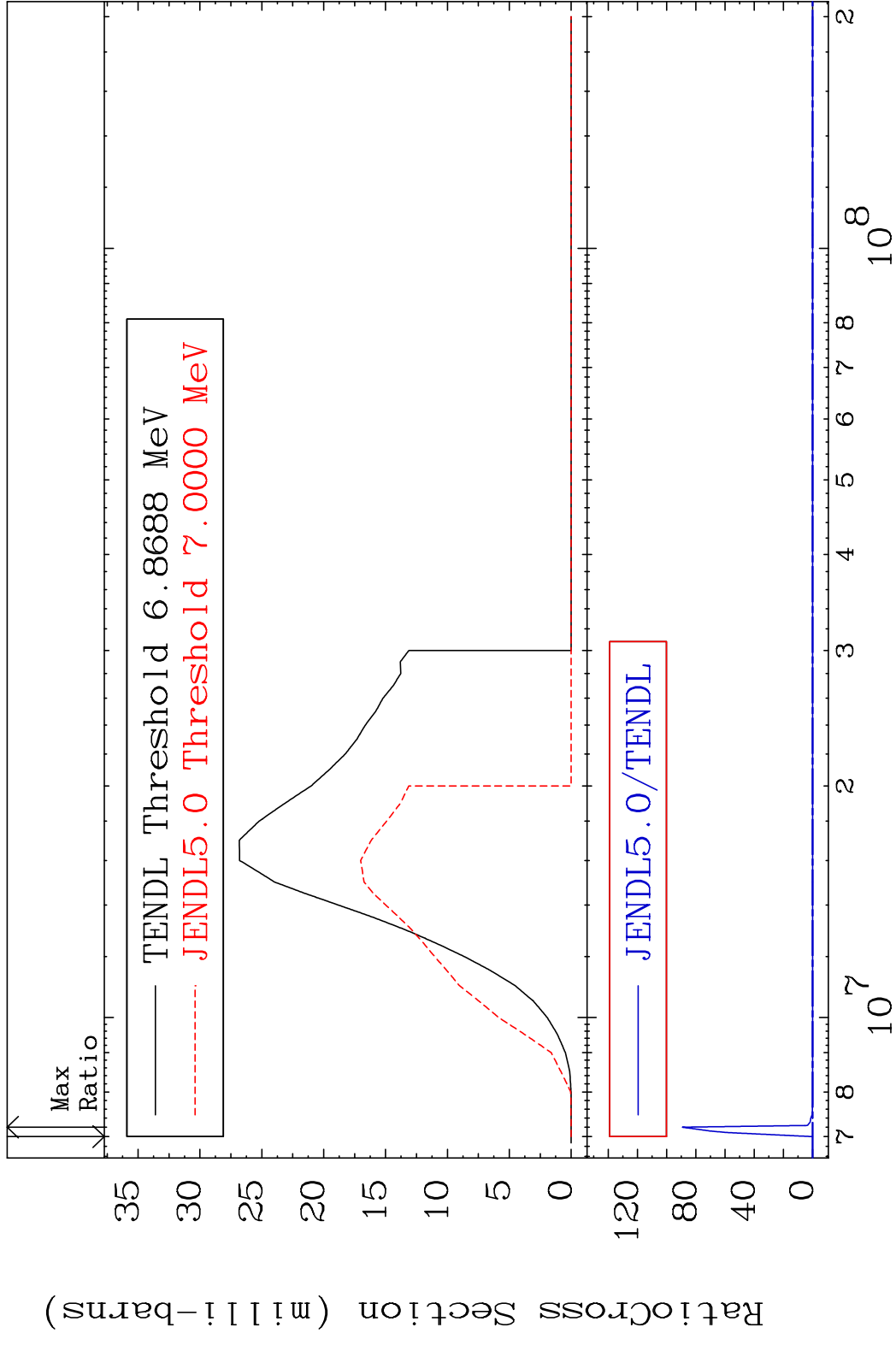


25

Incident Energy (eV)

18-Ar-40

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

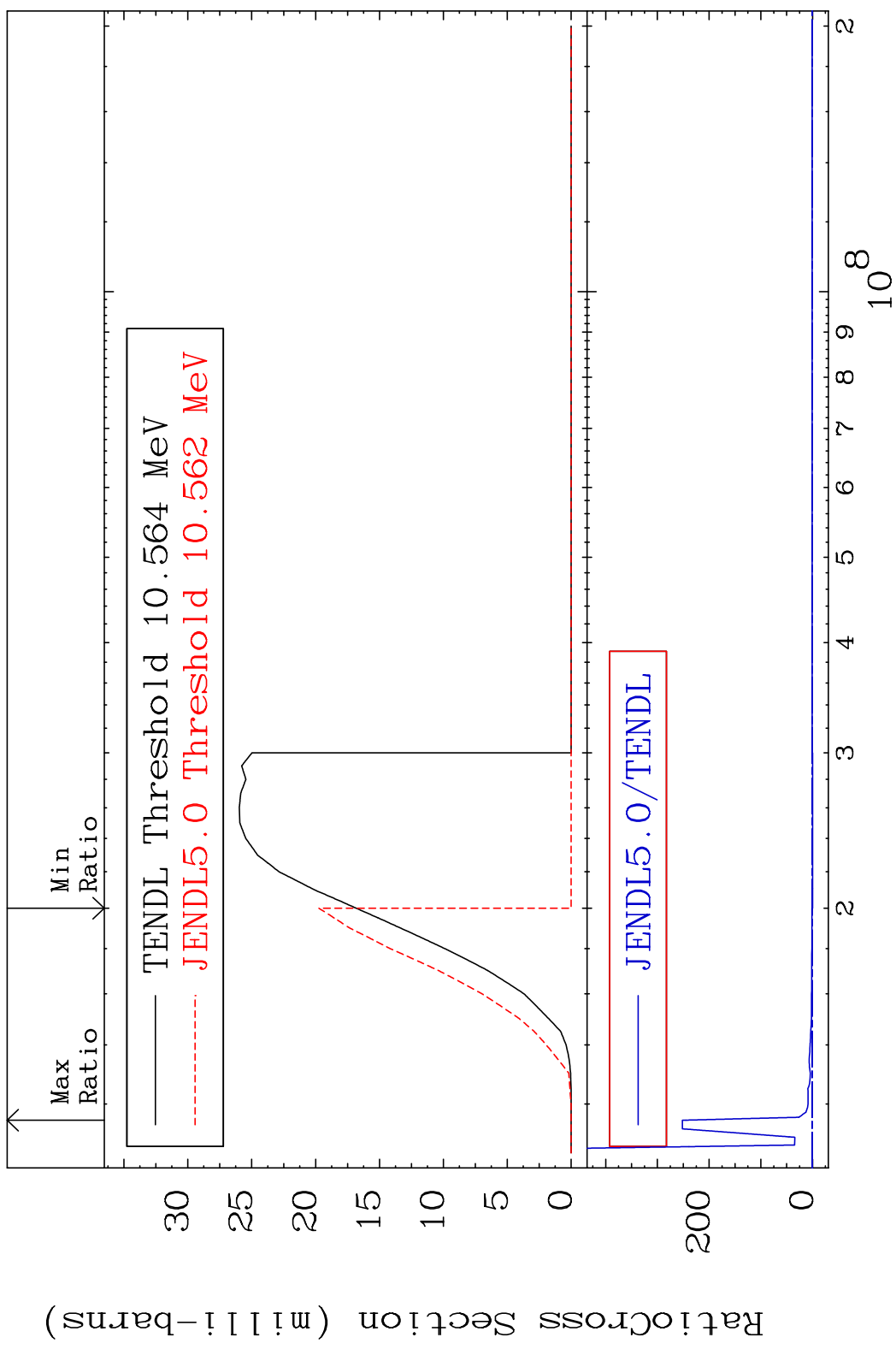


MAT 1837

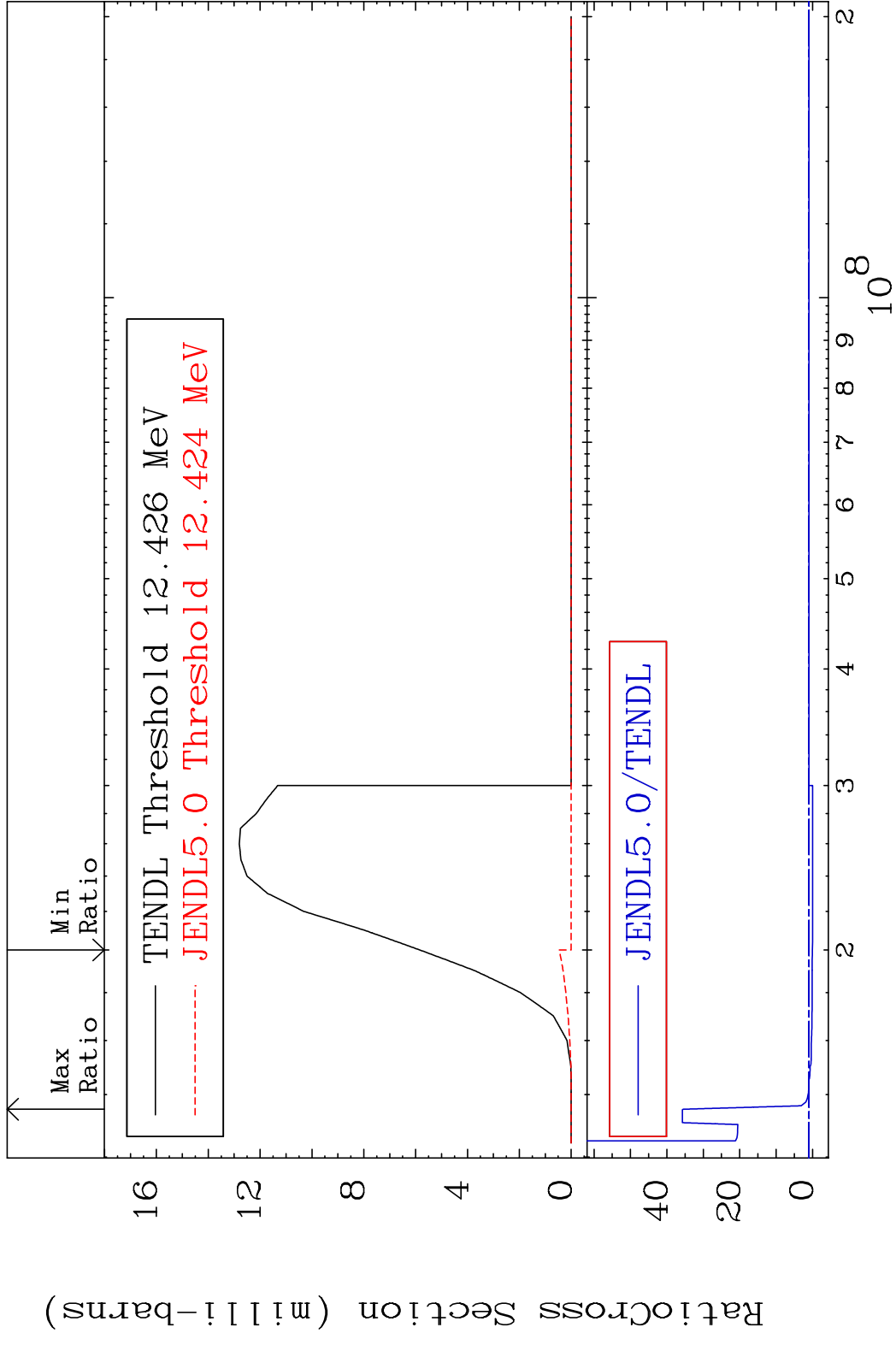
(n,d)

18-Ar-40

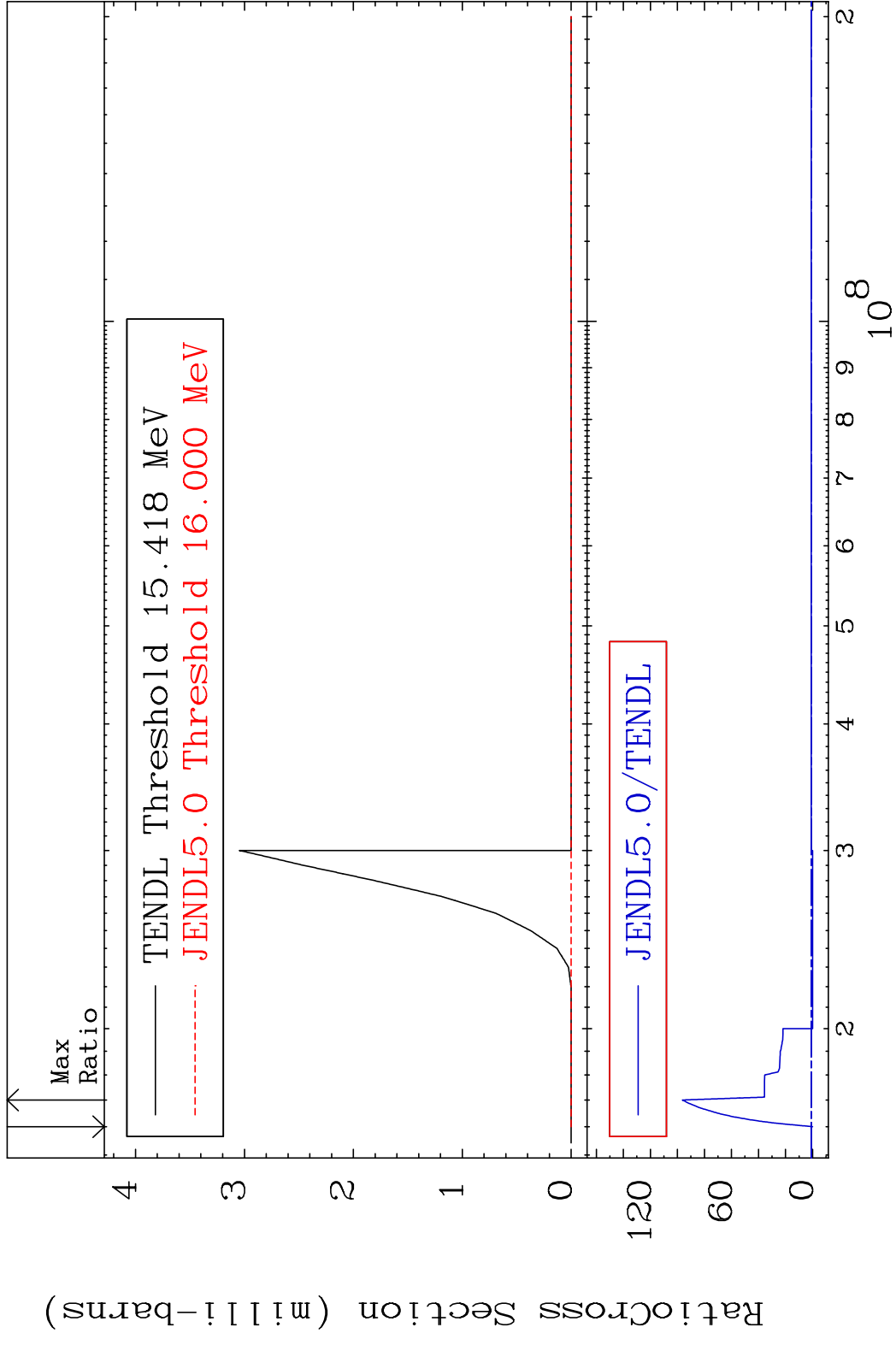
Cross Section -100.0 To 9999. %



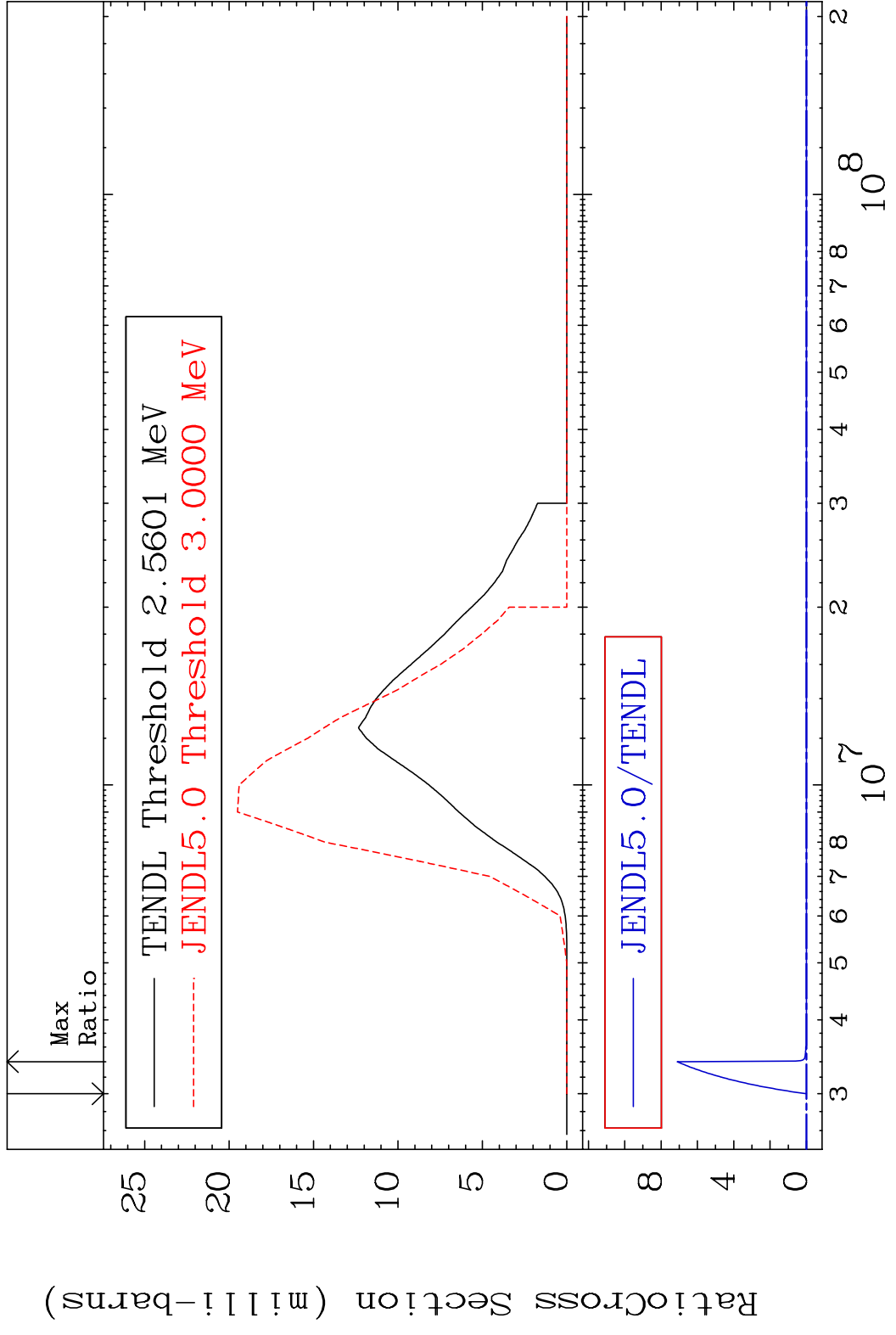
MAT 1837 (n, t) 18-Ar-40
 Cross Section -100.0 To 3475. %



MAT 1837 (n, He-3) 18-Ar-40
 Cross Section -100.0 To 9533. %

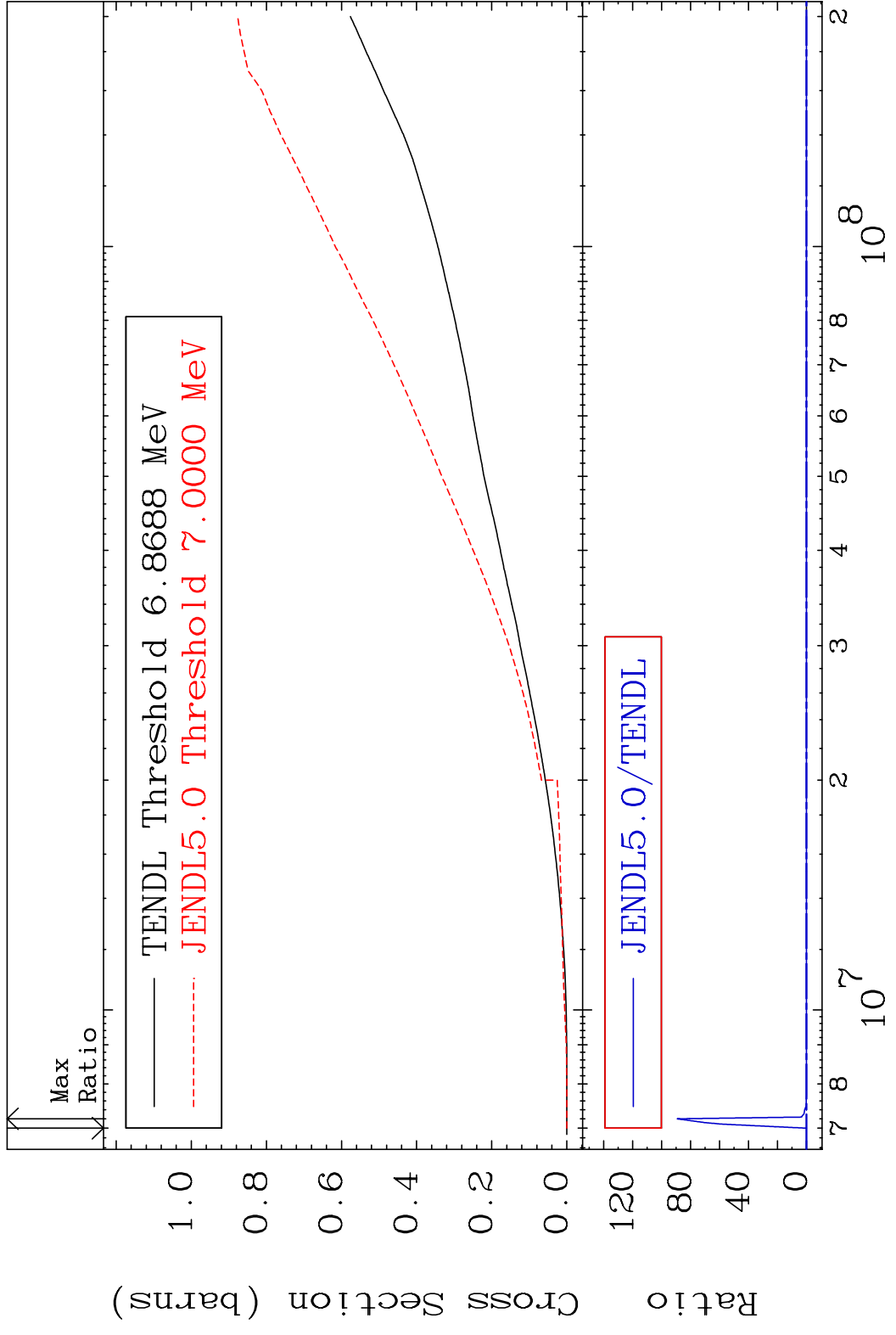


MAT 1837 (n, α) 18-Ar-40
 Cross Section -100.0 To 9999. %

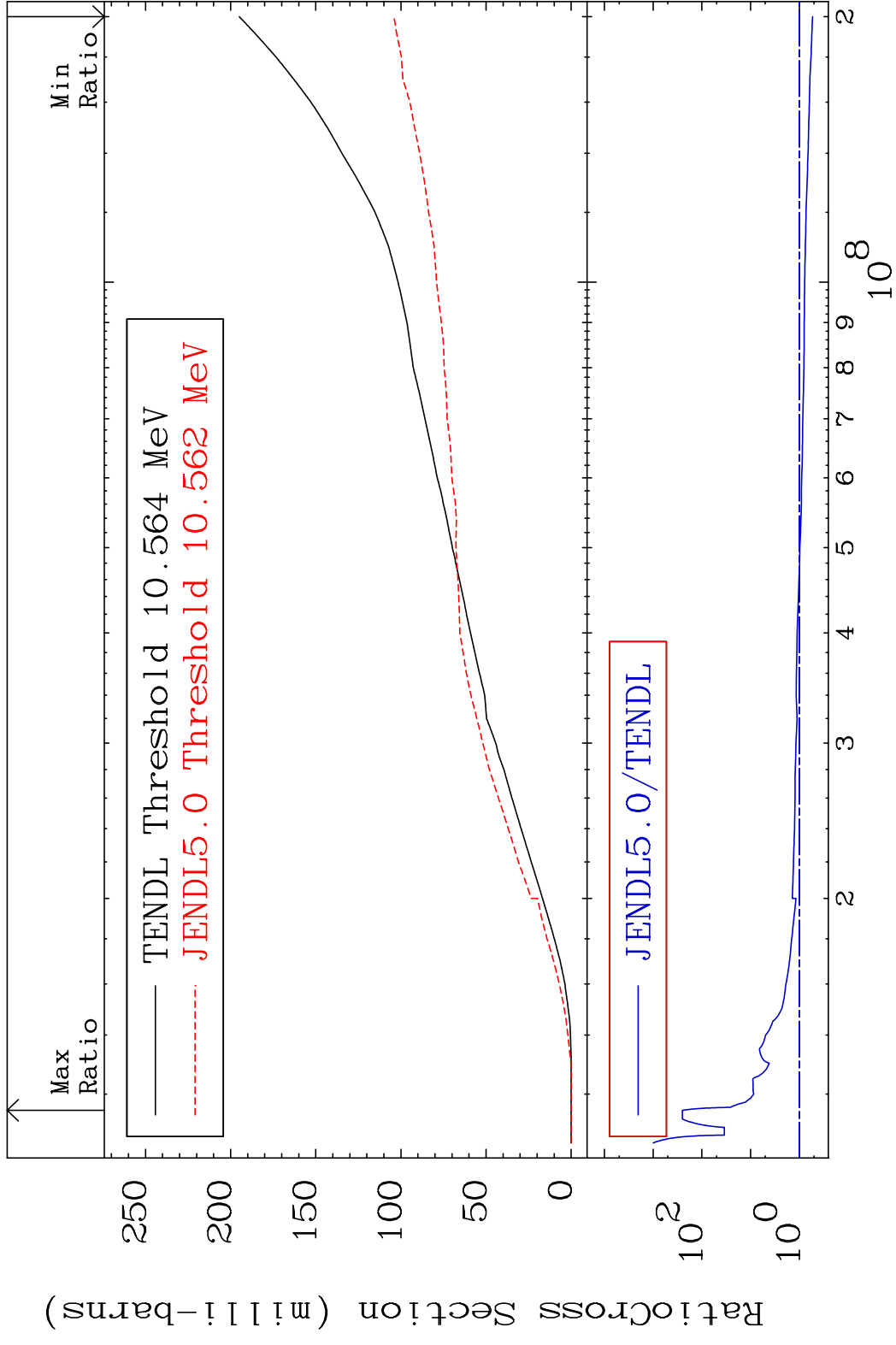


30 18-Ar-40

MAT 1837 Hydrogen Production 18-Ar-40
 Cross Section -100.0 To 9999. %



MAT 1837 Deuterium Production 18-Ar-40
 Cross Section -46.56 To 9999. %

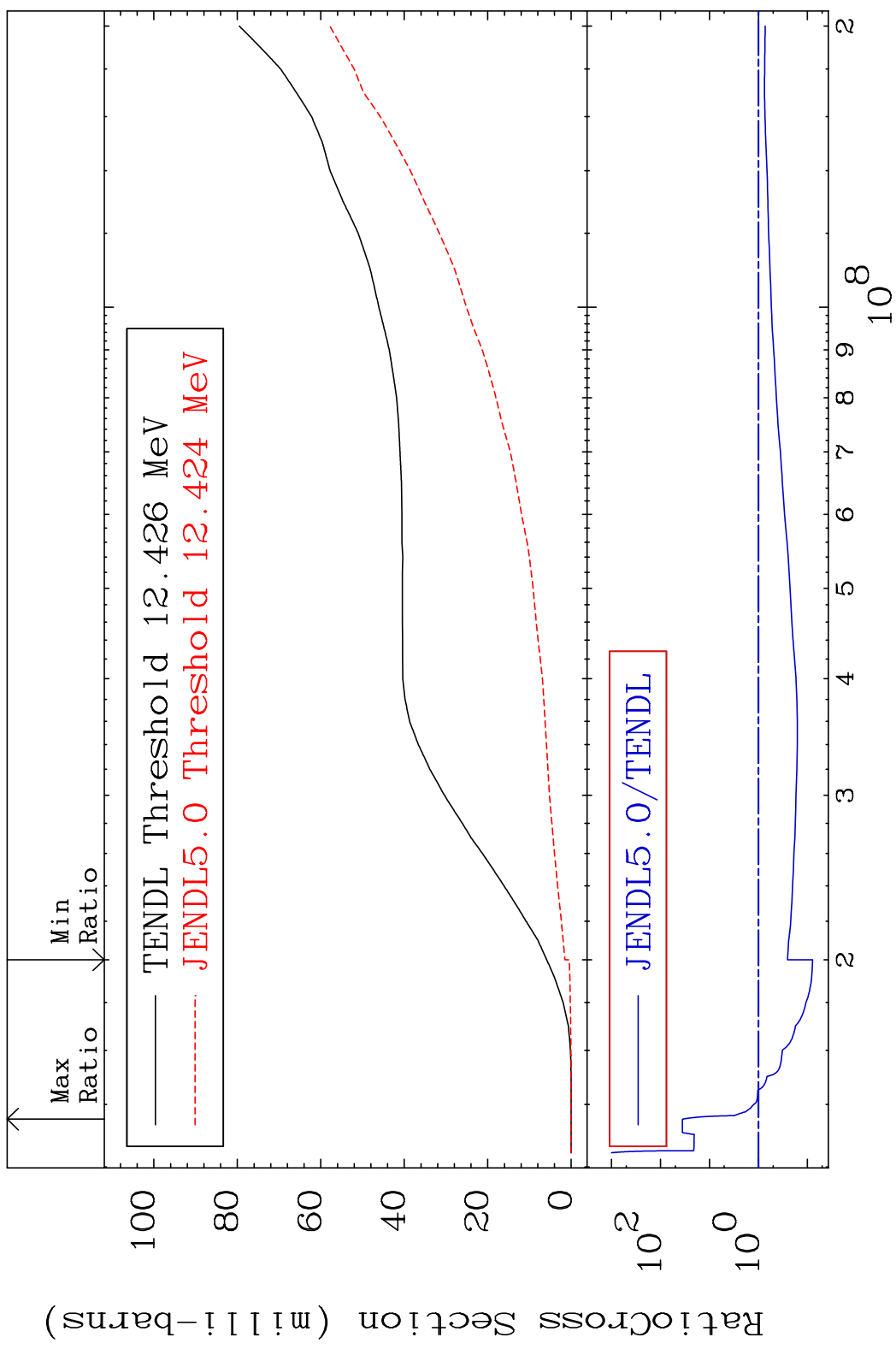


MAT 1837

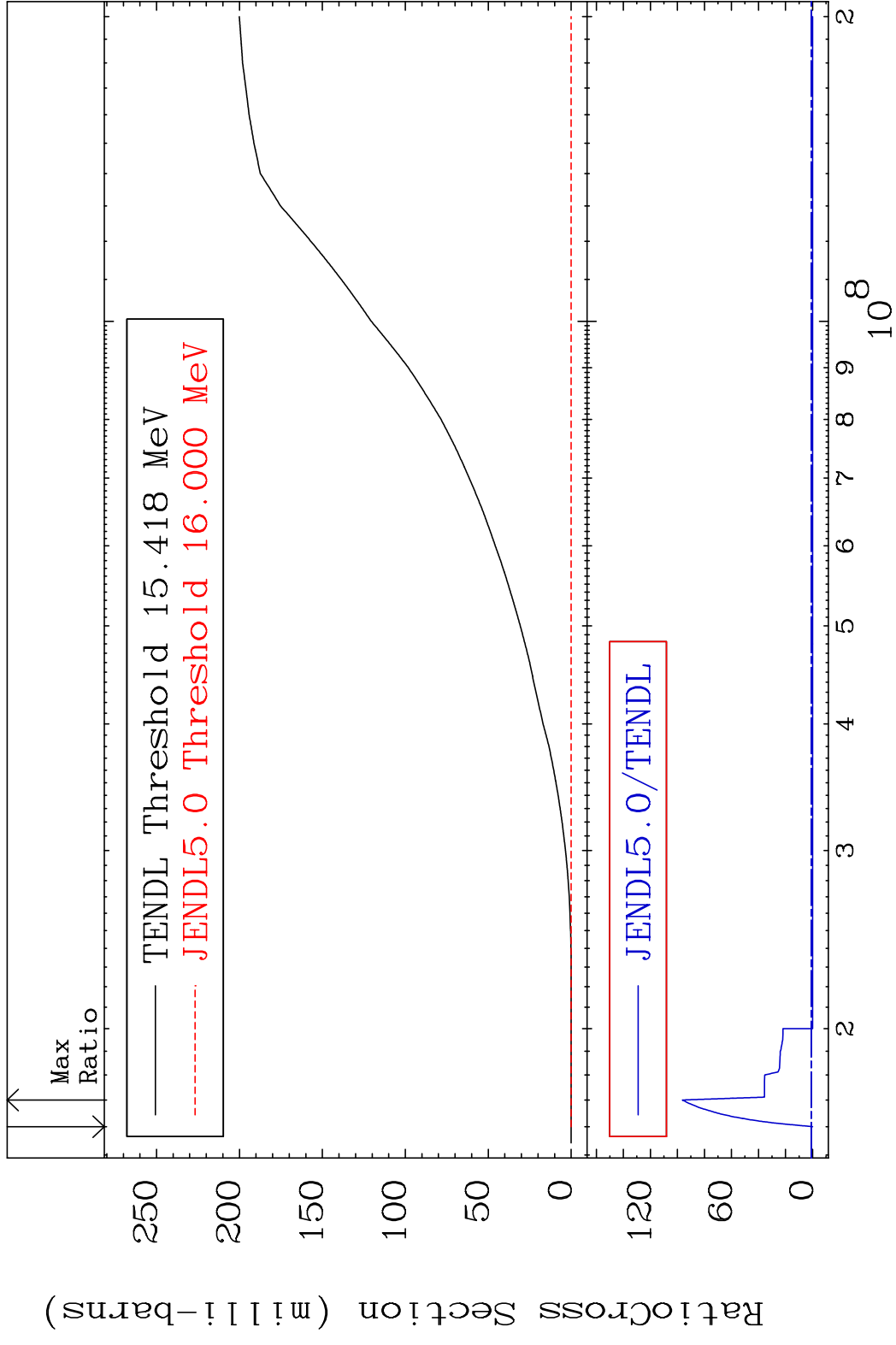
Tritium Production

18-Ar-40

Cross Section -92.14 To 3475. %

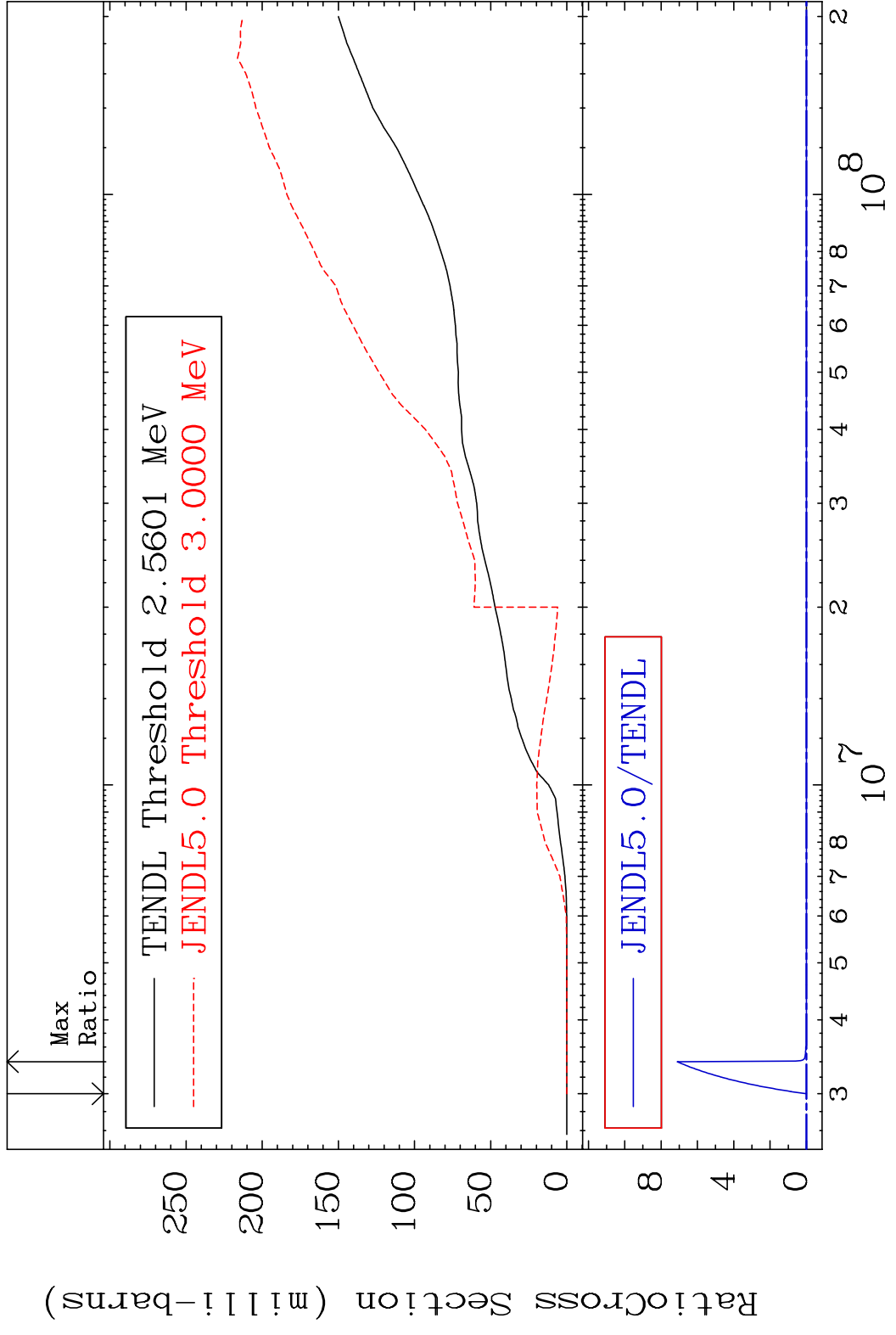


MAT 1837 He-3 Production 18-Ar-40
 Cross Section -100.0 To 9533. %



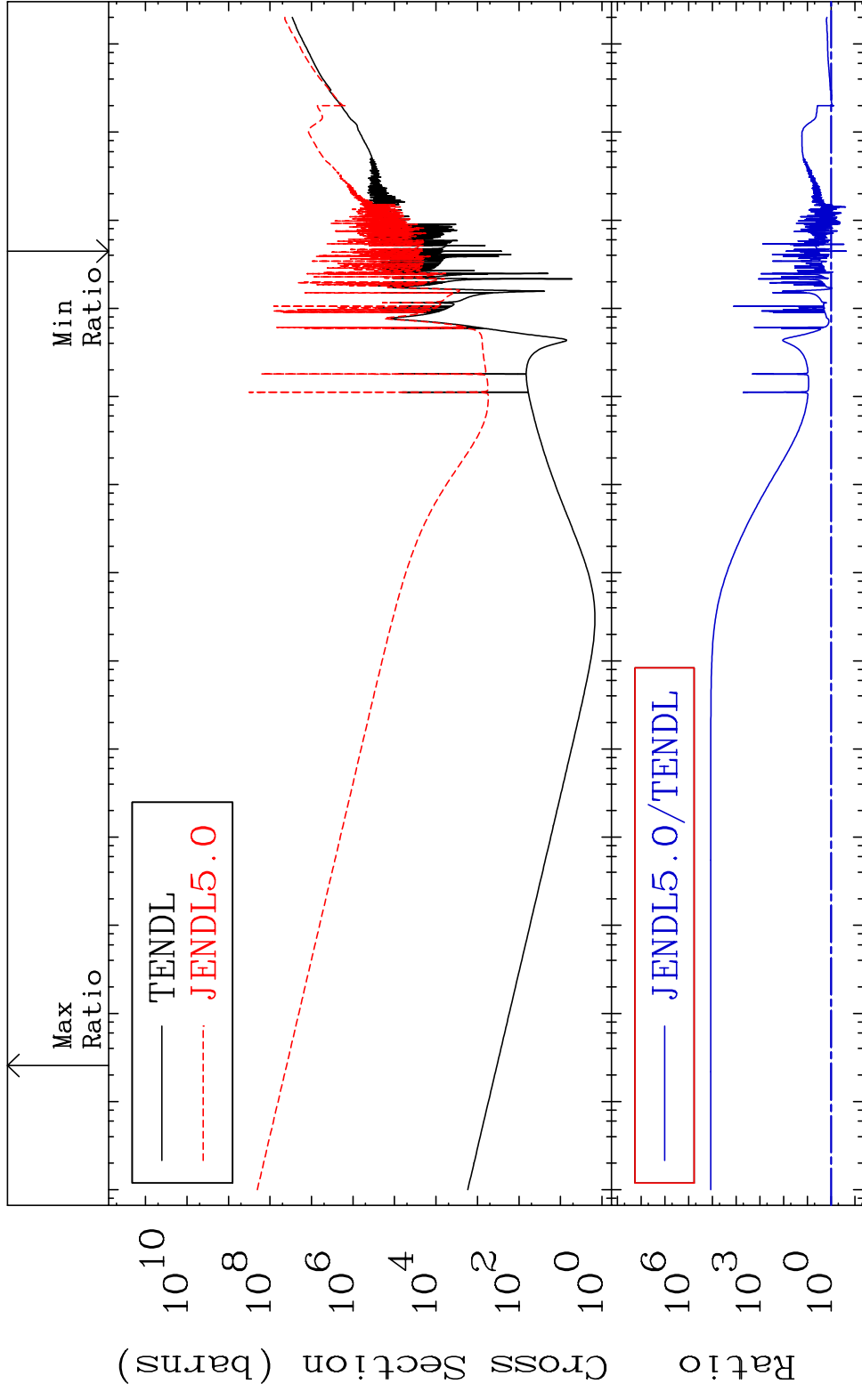
34 Incident Energy (eV) 18-Ar-40

MAT 1837 He-4 Production 18-Ar-40
 Cross Section -100.0 To 9999. %



35 Incident Energy (eV) 18-Ar-40

MAT 1837 Kerma total (eV-barns) 18-Ar-40
 Cross Section -77.14 To 9999. %

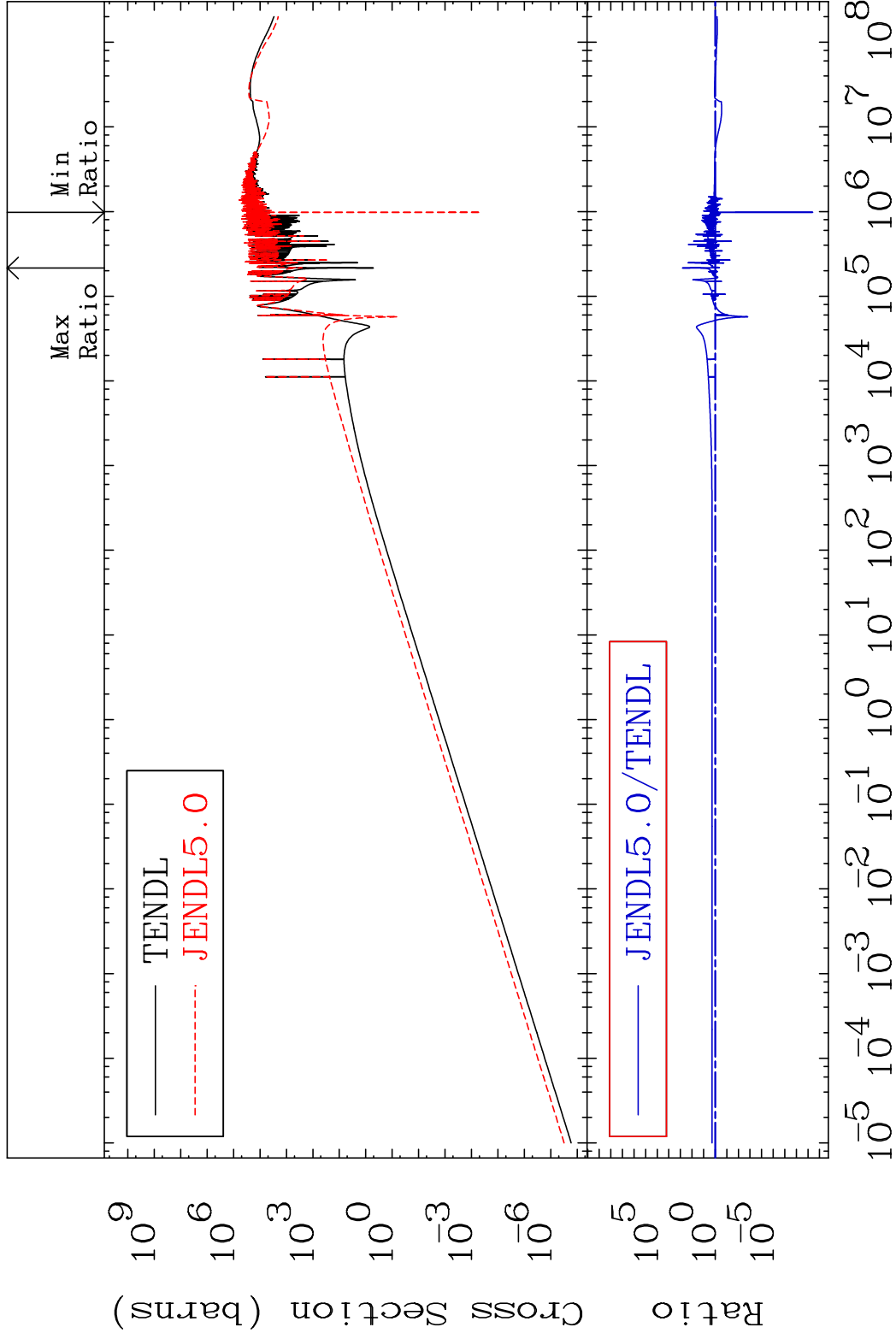


36 Incident Energy (eV) 18-Ar-40

MAT 1837

Kerma elastic
Cross Section

18-Ar-40
-100.0 To 9999. %

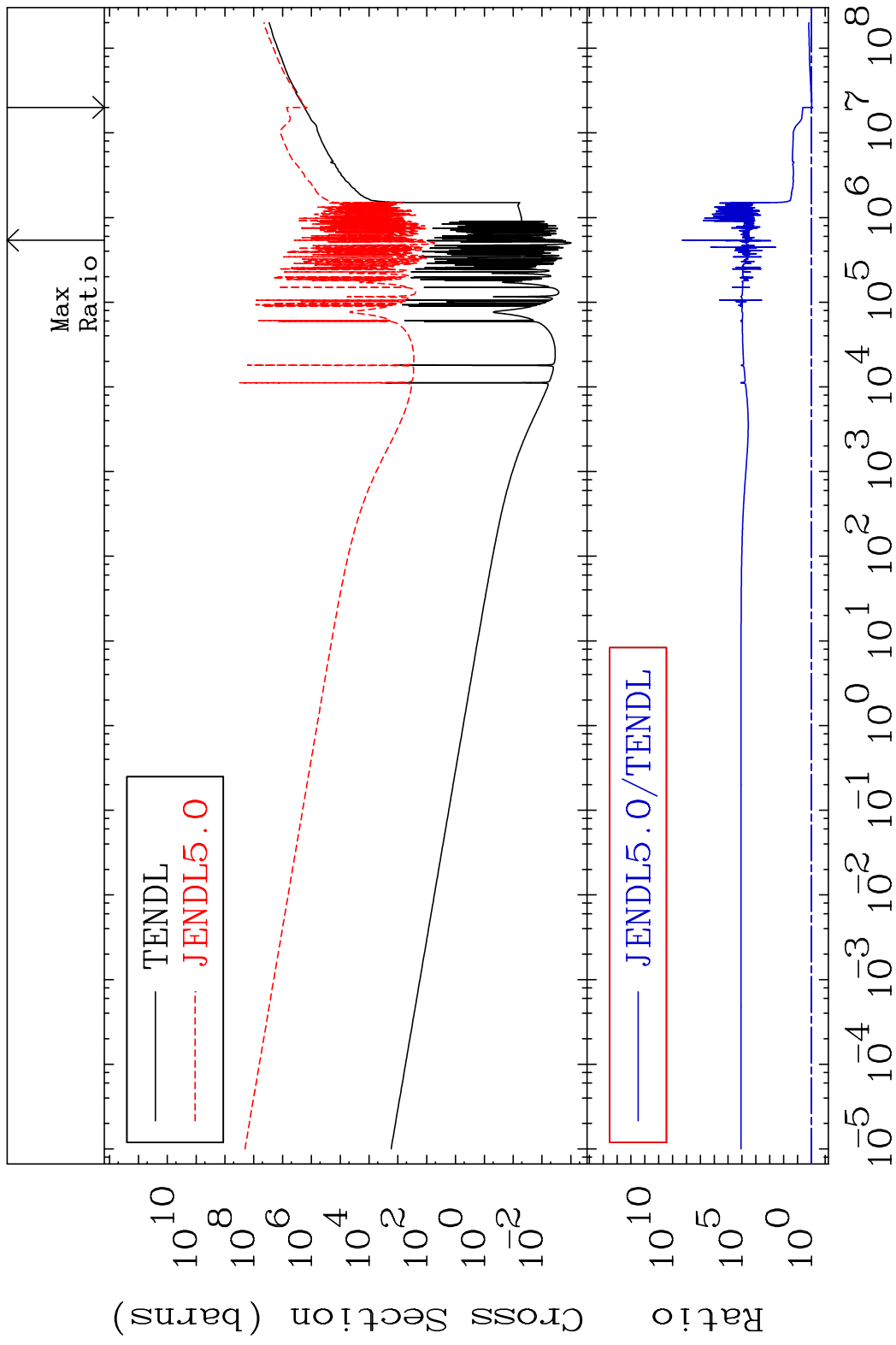


37

Incident Energy (eV)

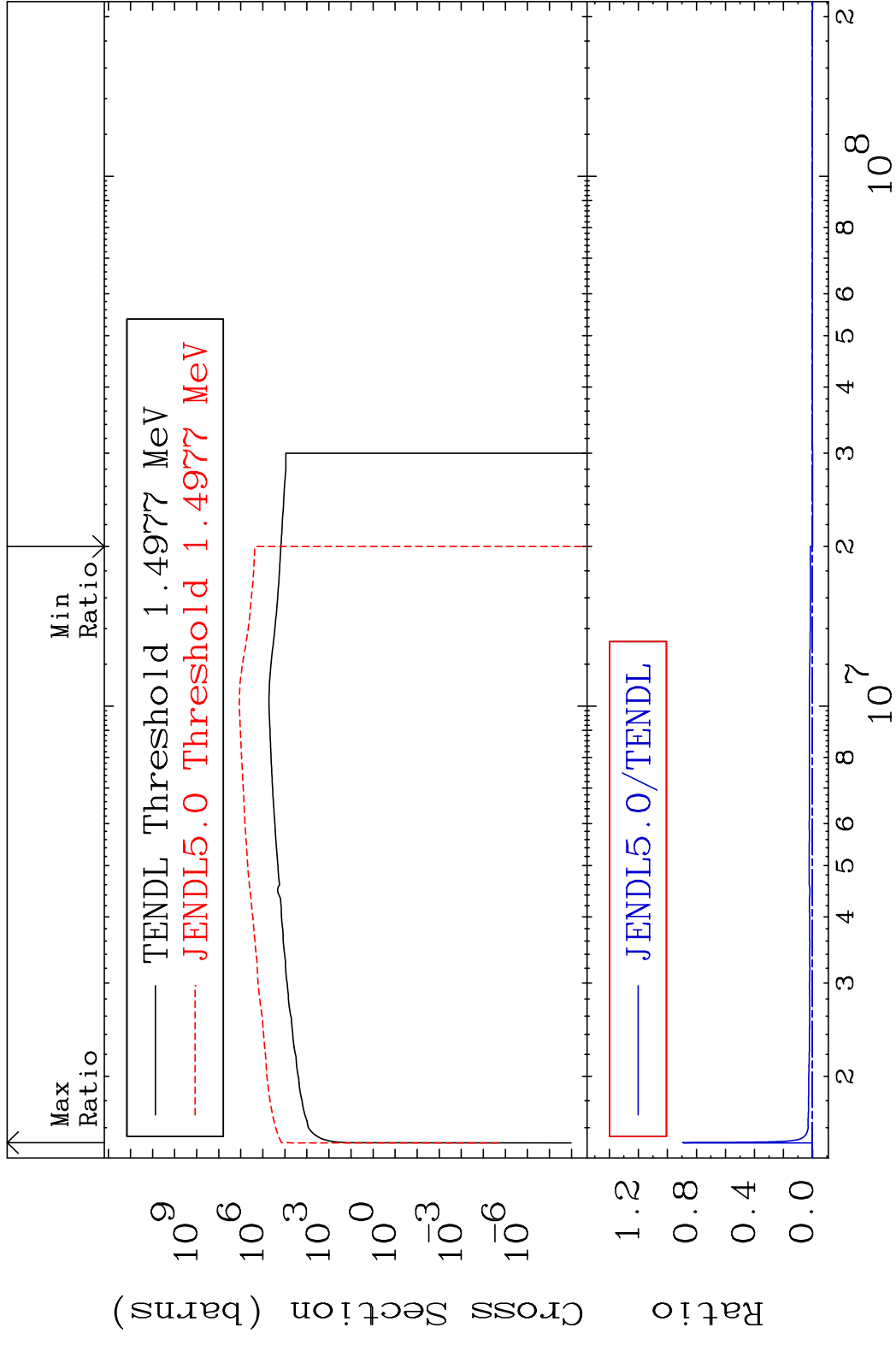
18-Ar-40

MAT 1837 Kerma non-elastic (all but mt2) 18-Ar-40
 Cross Section -17.74 To 9999. %

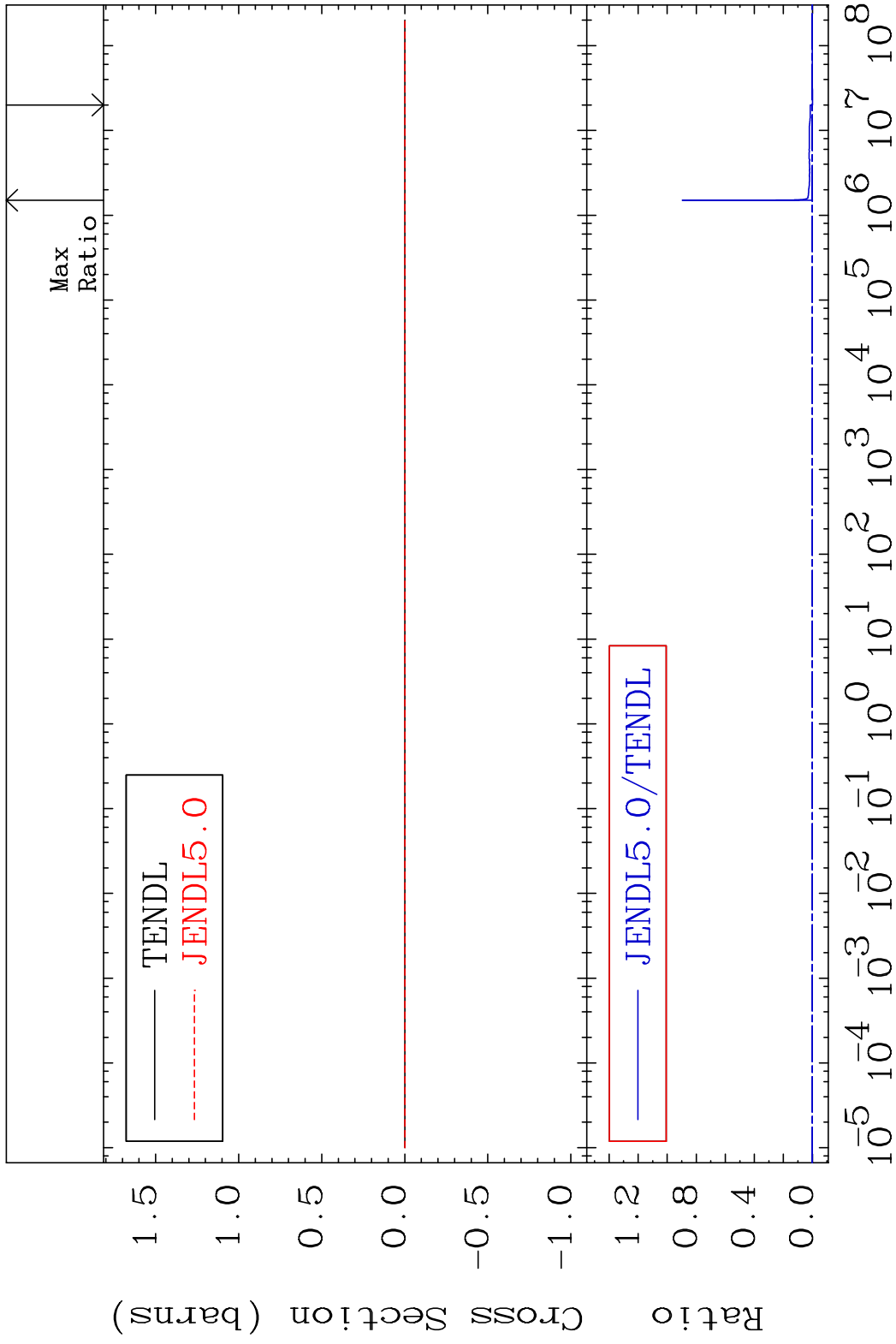


38 Incident Energy (eV) 18-Ar-40

MAT 1837 Kerma inelastic (mt51-91) 18-Ar-40
 Cross Section -100.0 To 9999. %



MAT 1837 Kerma fission (mt18 or mt19-20-21-38) 18-Ar-40
 Cross Section -100.0 To 9999. %



40

Incident Energy (eV)

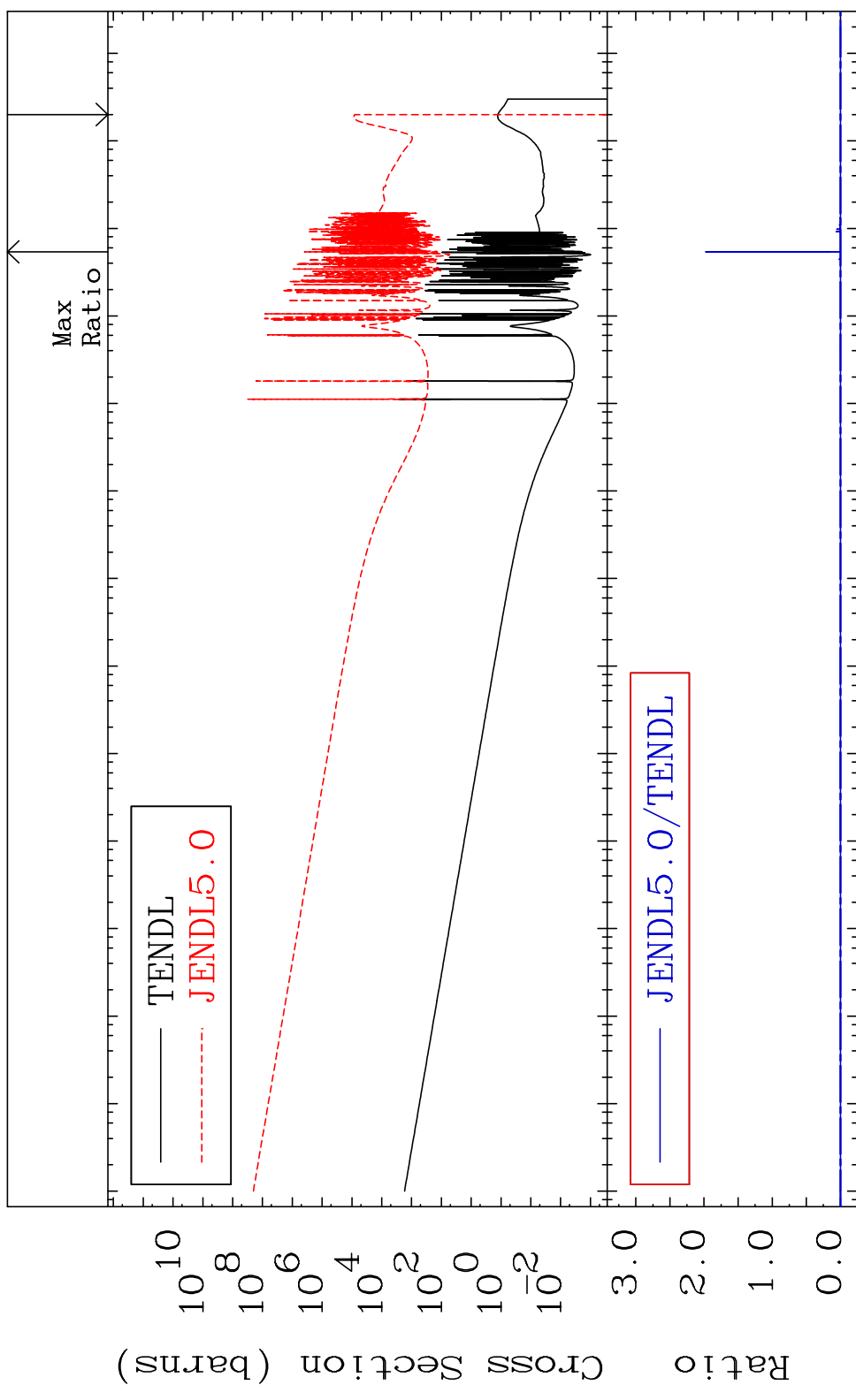
18-Ar-40

MAT 1837

Kerma capture (mt102)

18-Ar-40

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

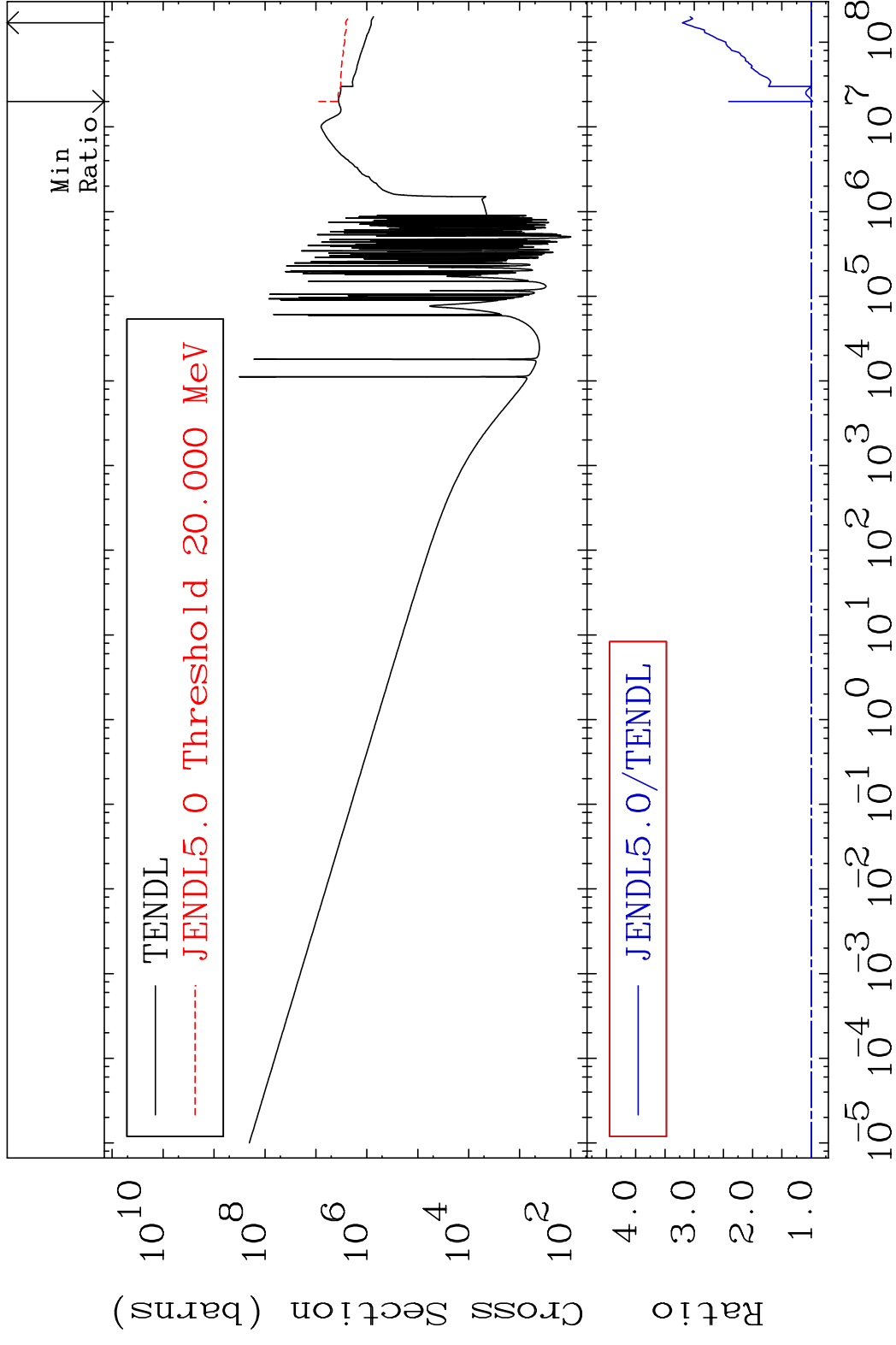
18-Ar-40

MAT 1837

Total photon (eV-barns)

18-Ar-40

Cross Section -2.368 To 220.2 %

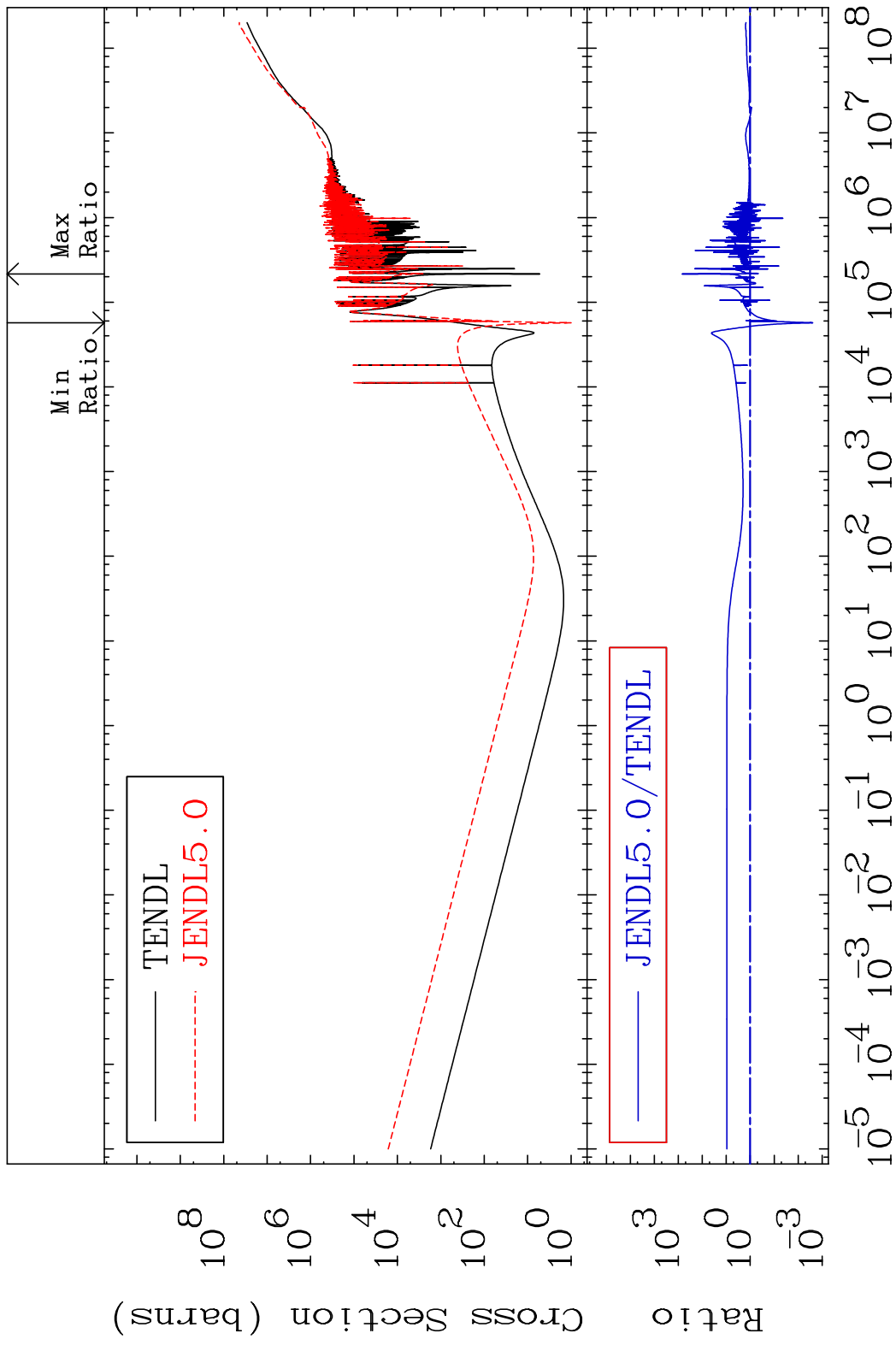


42

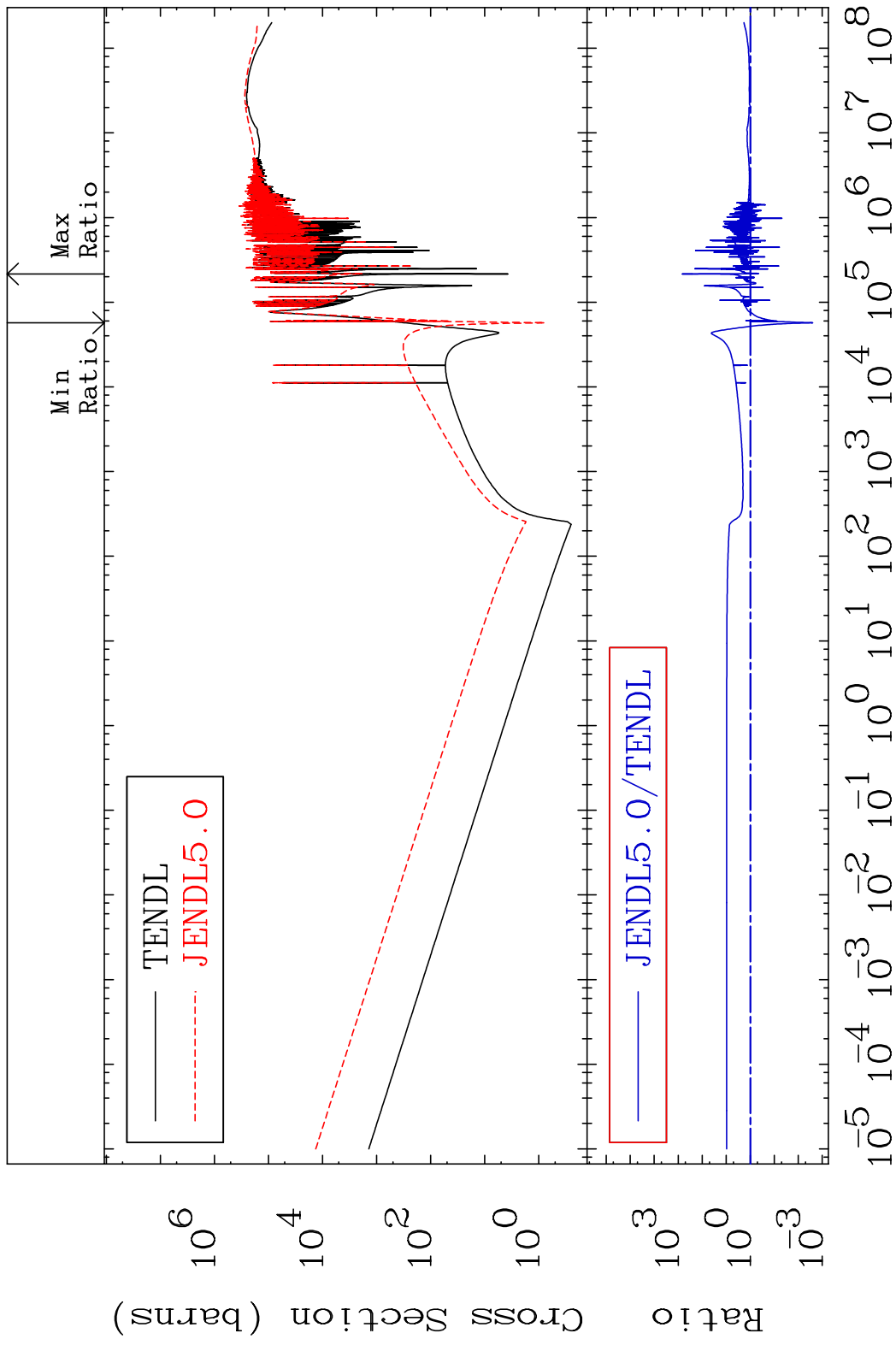
Incident Energy (eV)

18-Ar-40

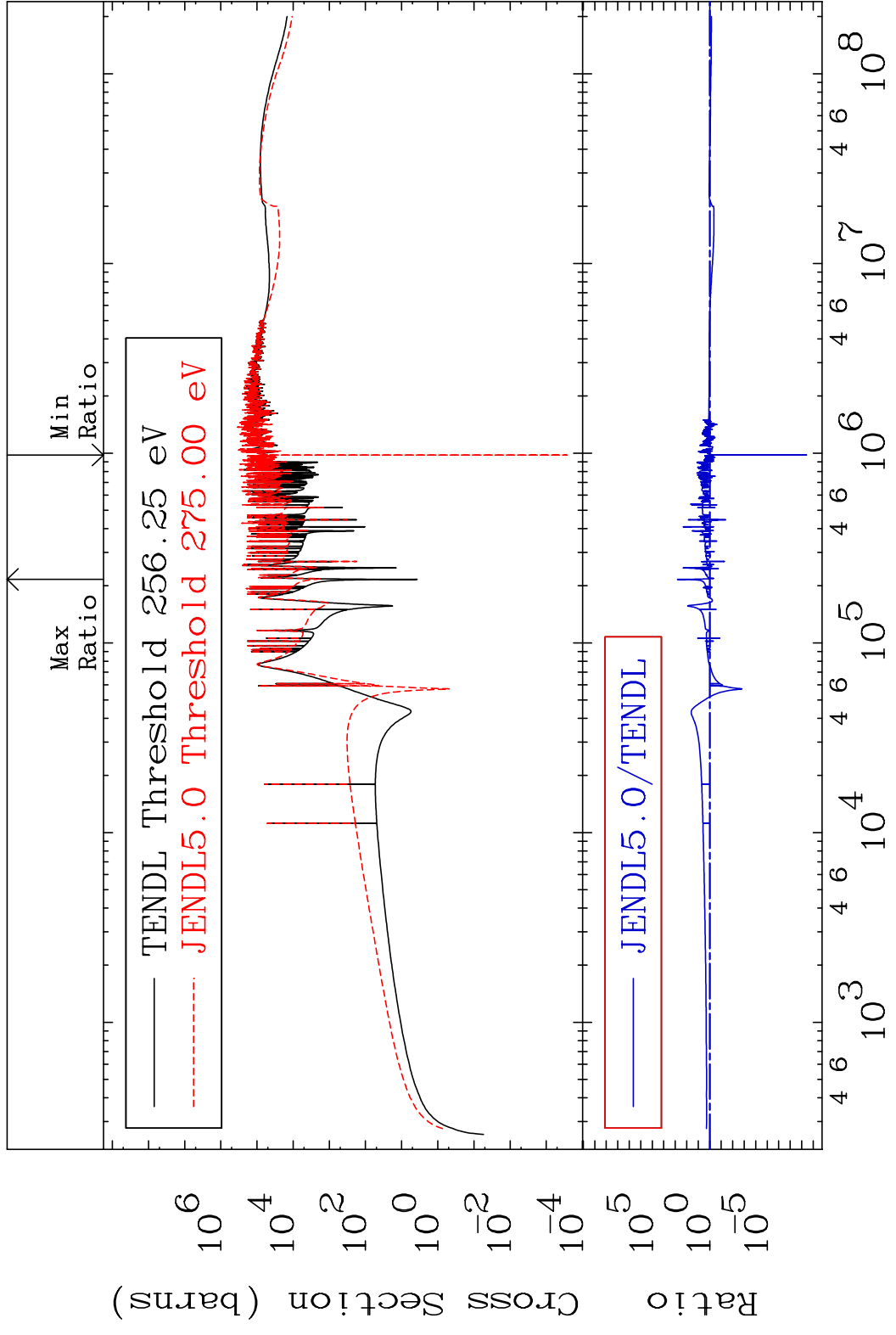
MAT 1837 Total kinematic kerma (high limit) 18-Ar-40
Cross Section -99.75 To 9999. %



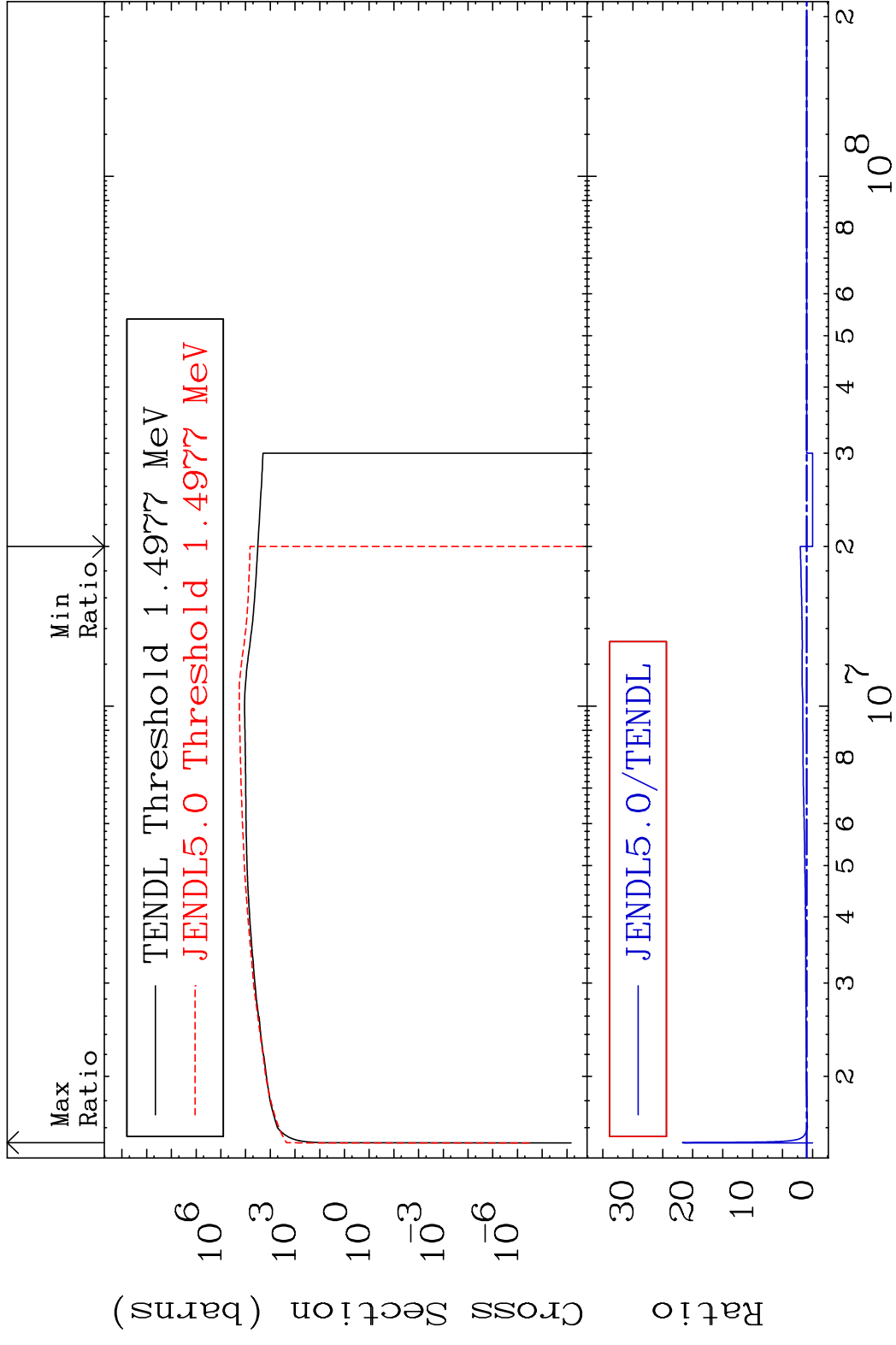
MAT 1837 Dpa total (eV-barns) 18-Ar-40
 Cross Section -99.75 To 9999. %



MAT 1837 Dpa elastic (mt2) 18-Ar-40
 Cross Section -100.0 To 9999. %



MAT 1837 Dpa inelastic (mt51-91) 18-Ar-40
 Cross Section -100.0 To 2073. %



MAT 1837 Dpa disappearance (mt102 -120) 18-Ar-40
 Cross Section -100.0 To 9999. %

