

Program Complot
(Version 2018-1)

by

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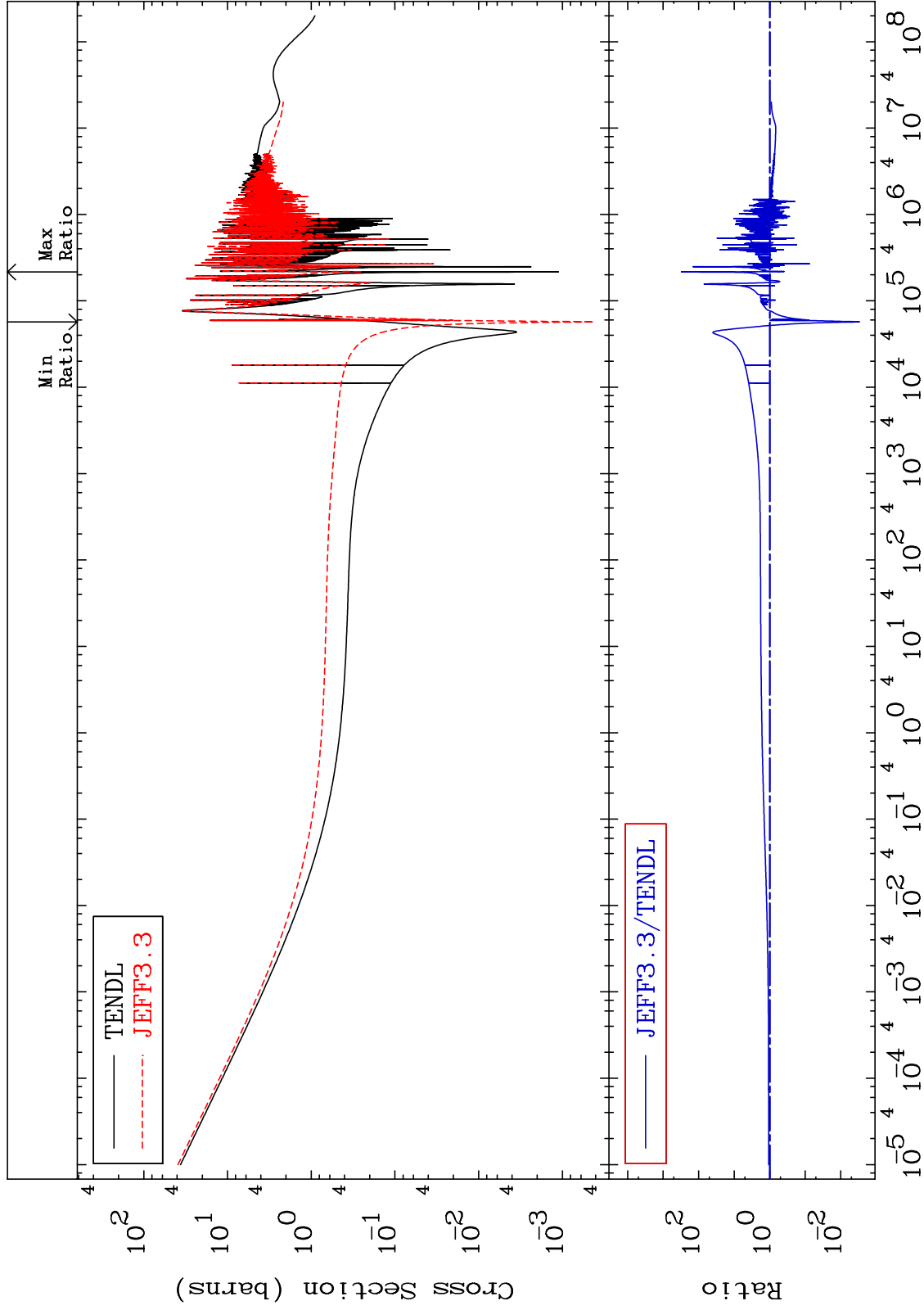
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1837

Total
Cross Section

18-Ar-40
-99.71 To 9999. %



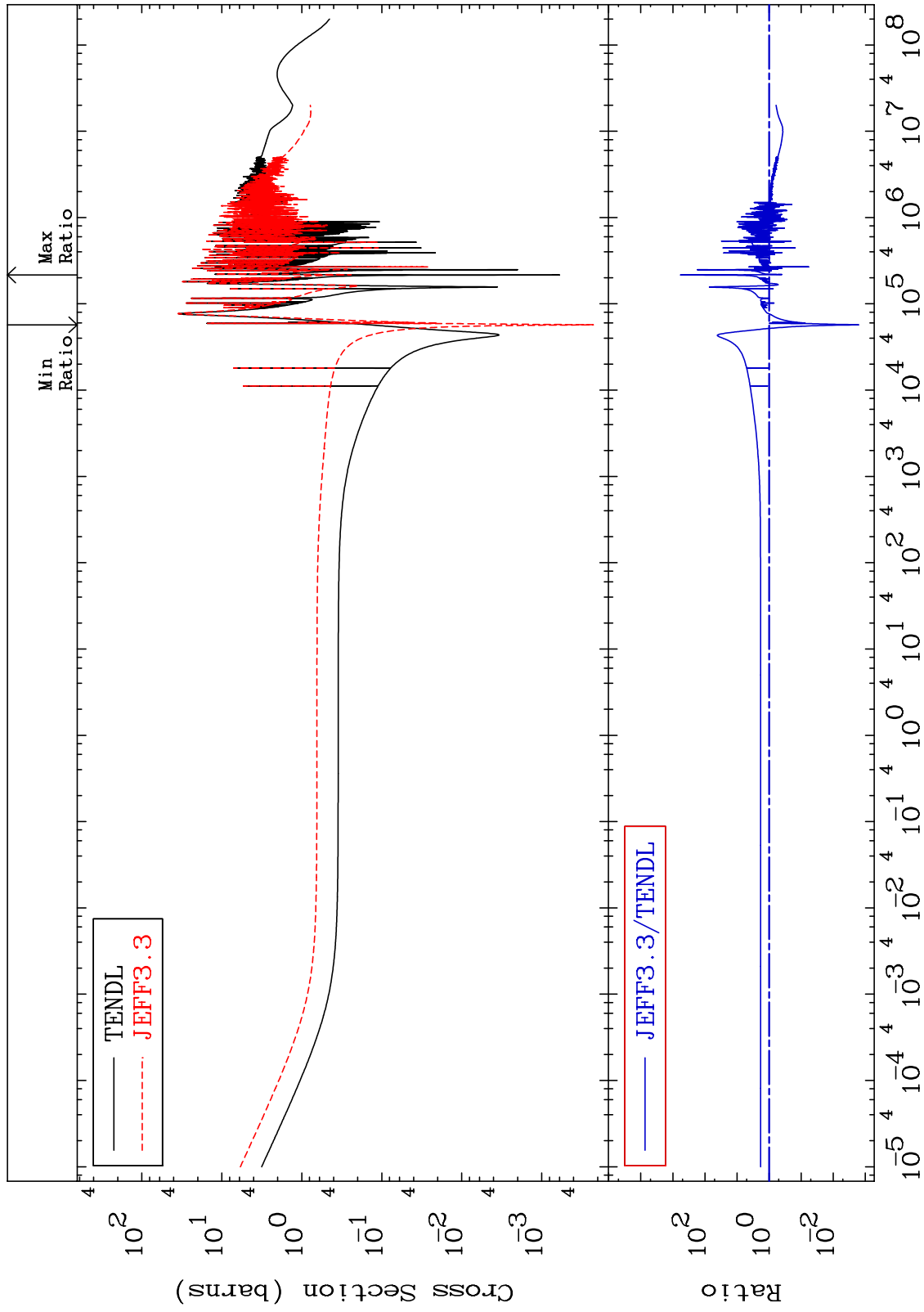
Incident Energy (eV)

18-Ar-40

MAT 1837

Elastic
Cross Section

18-Ar-40
-99.84 To 9999. %



2

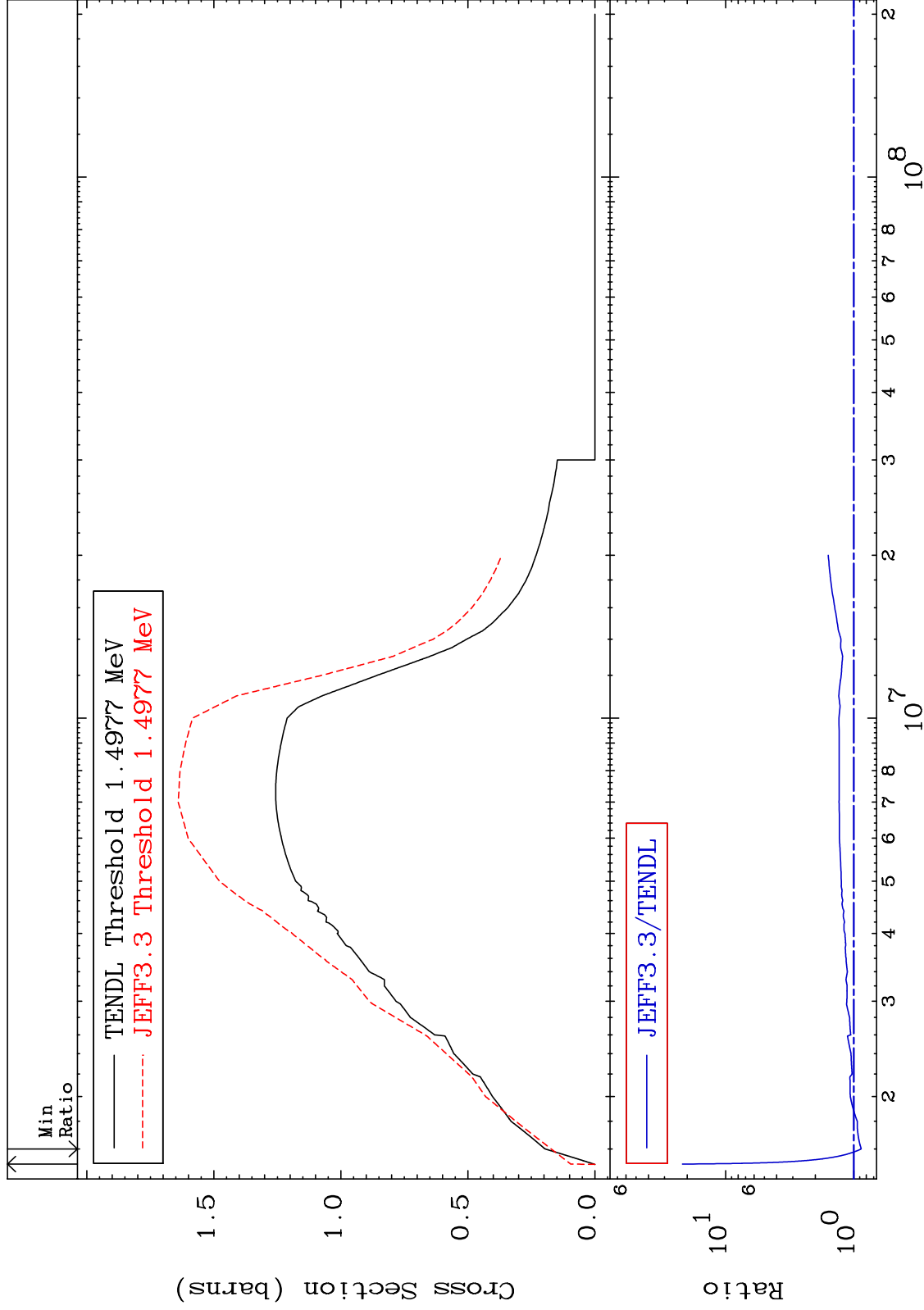
Incident Energy (eV)

18-Ar-40

MAT 1837

Inelastic
Cross Section

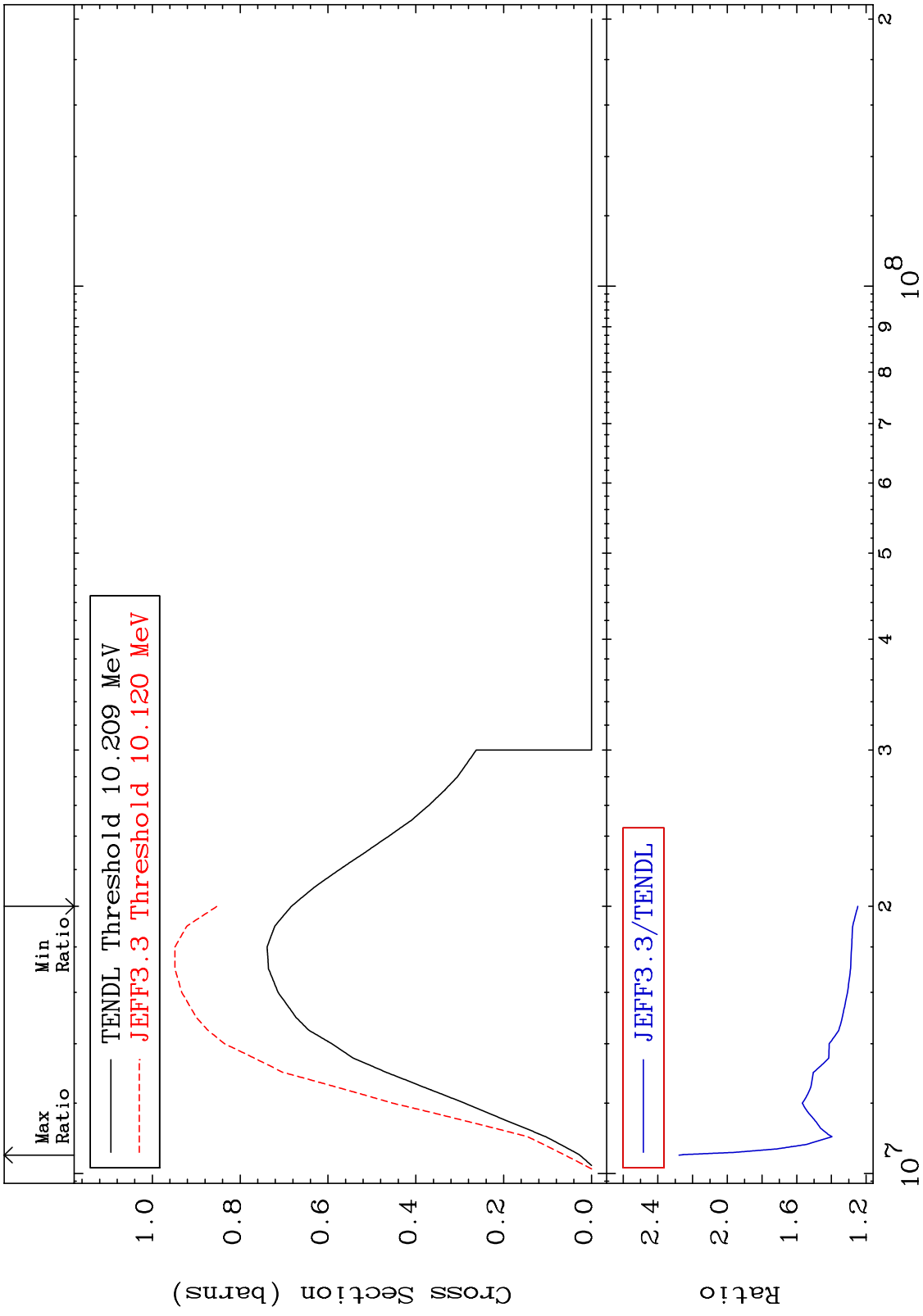
18-Ar-40
-12.42 To 2075. %



3

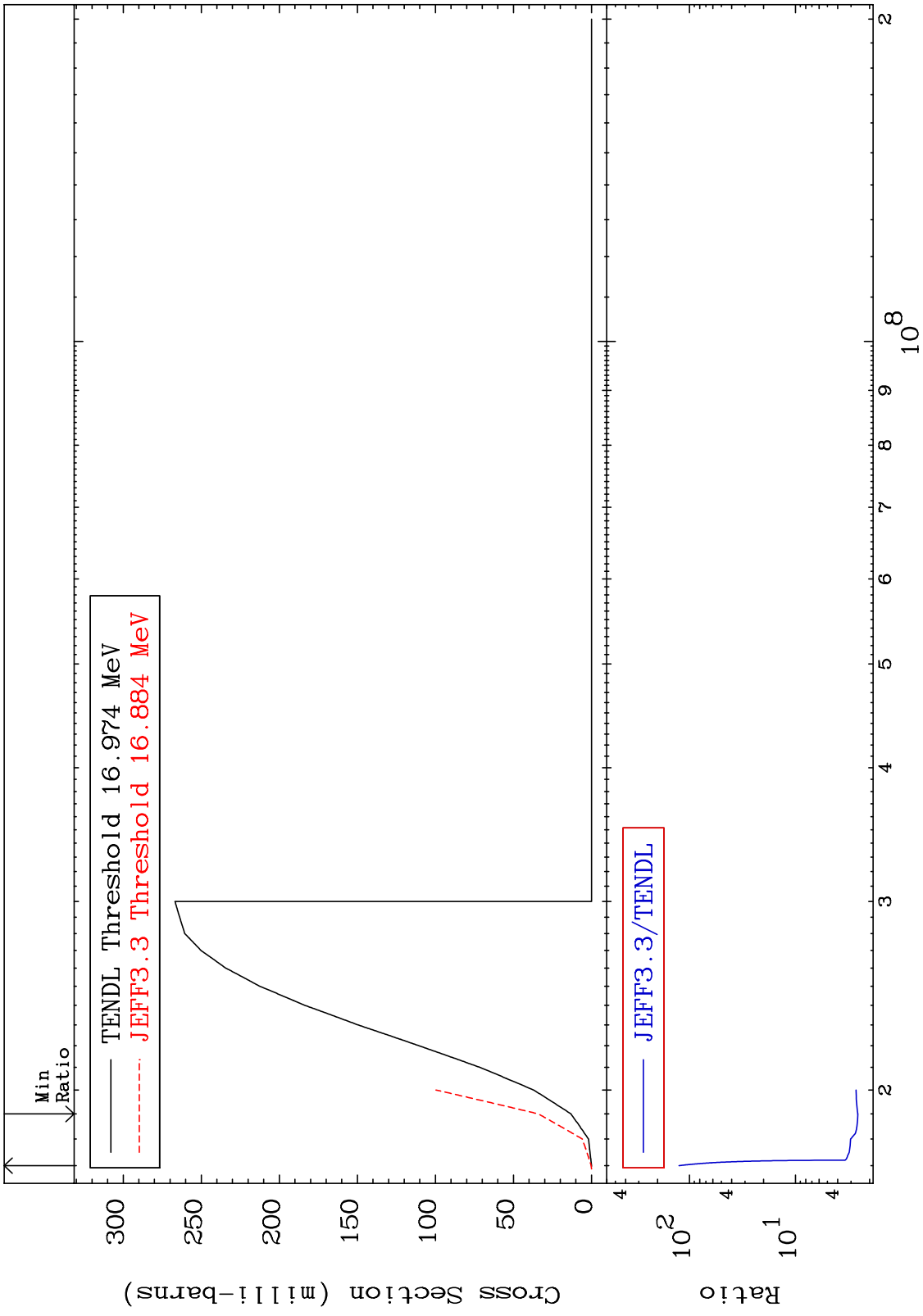
18-Ar-40

MAT 1837 (n,2n) Cross Section 18-Ar-40 24.78 To 127.8 %

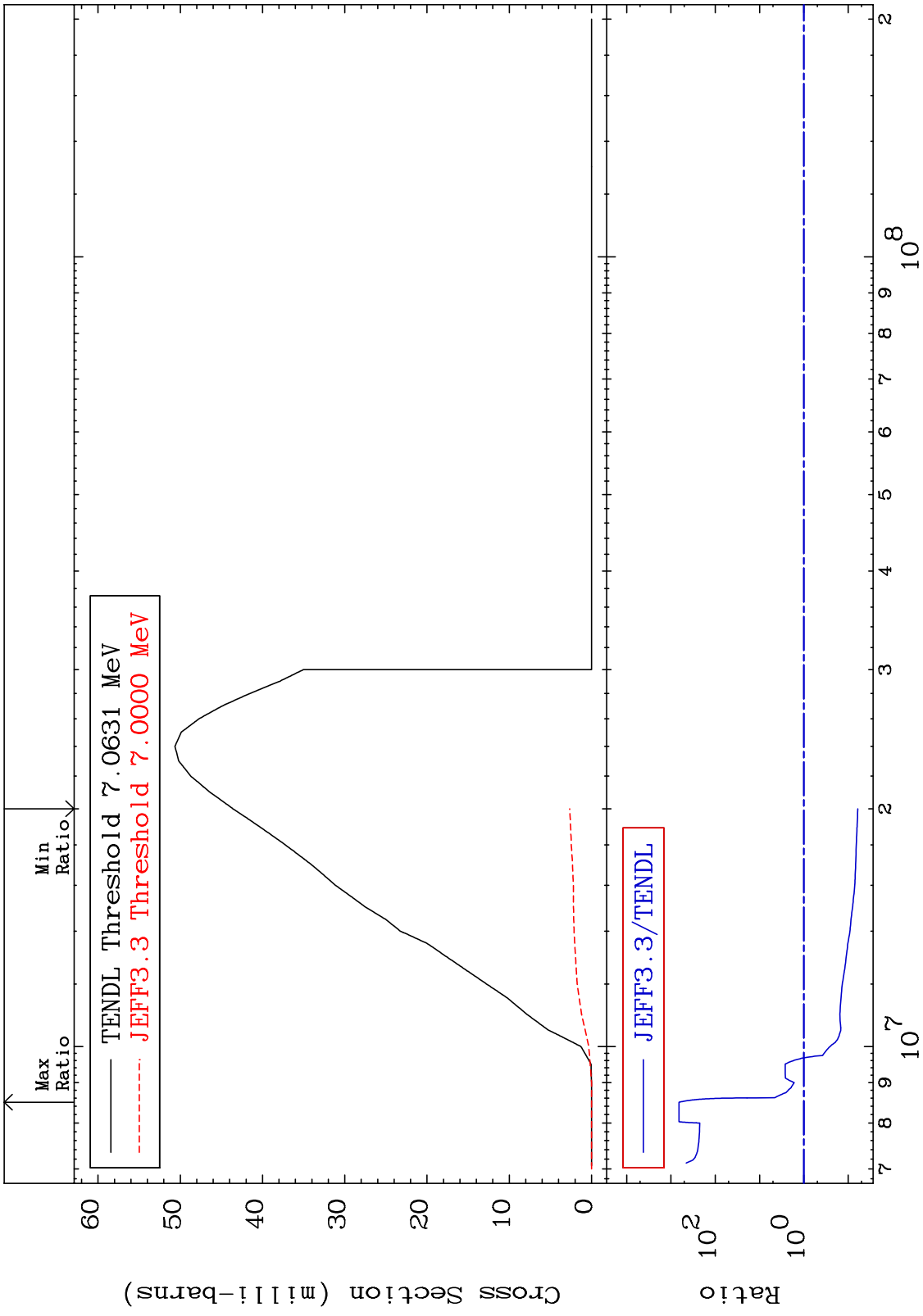


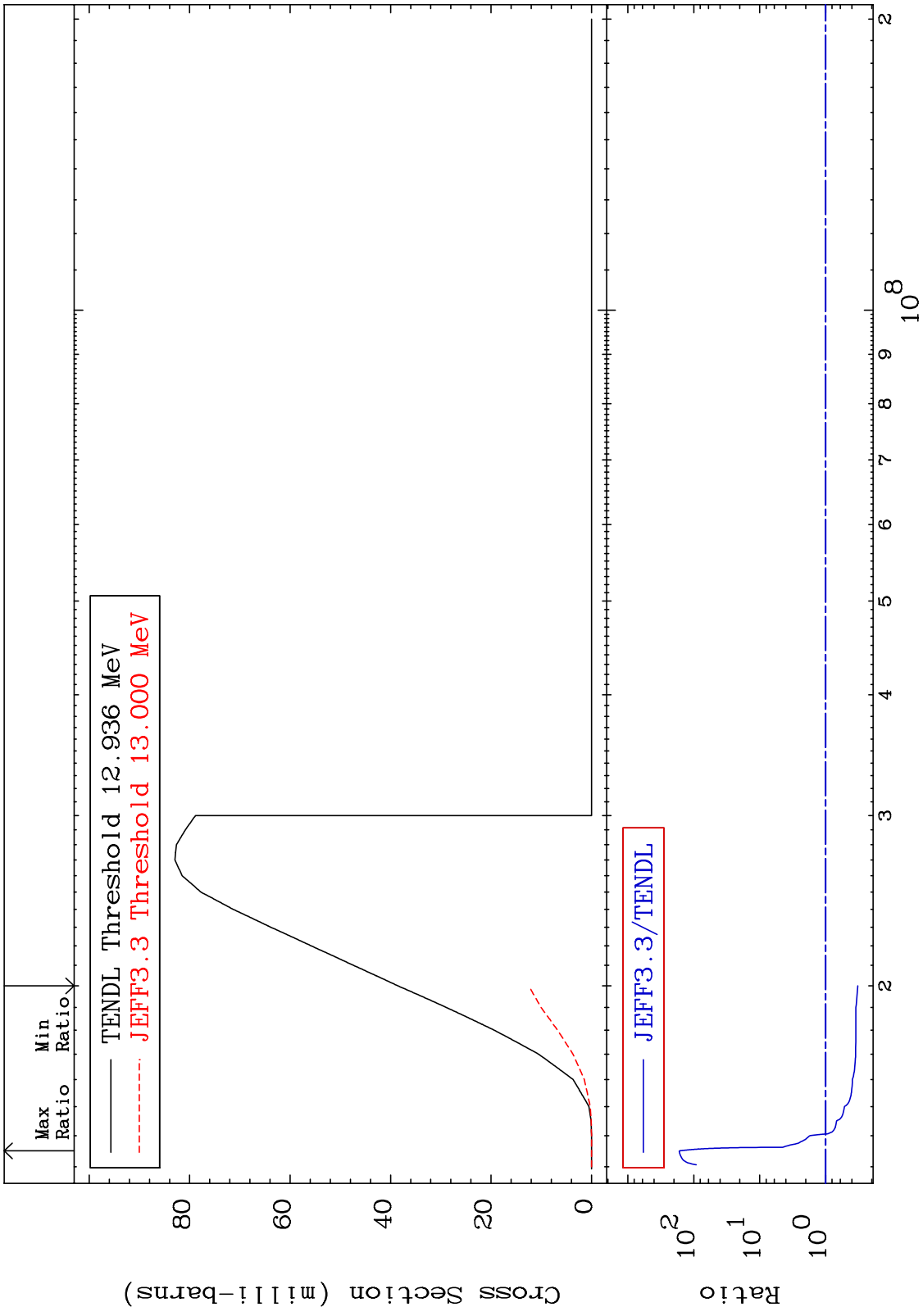
18-Ar-40

MAT 1837 (n,3n) Cross Section 18-Ar-40
 158.4 To 9999. %

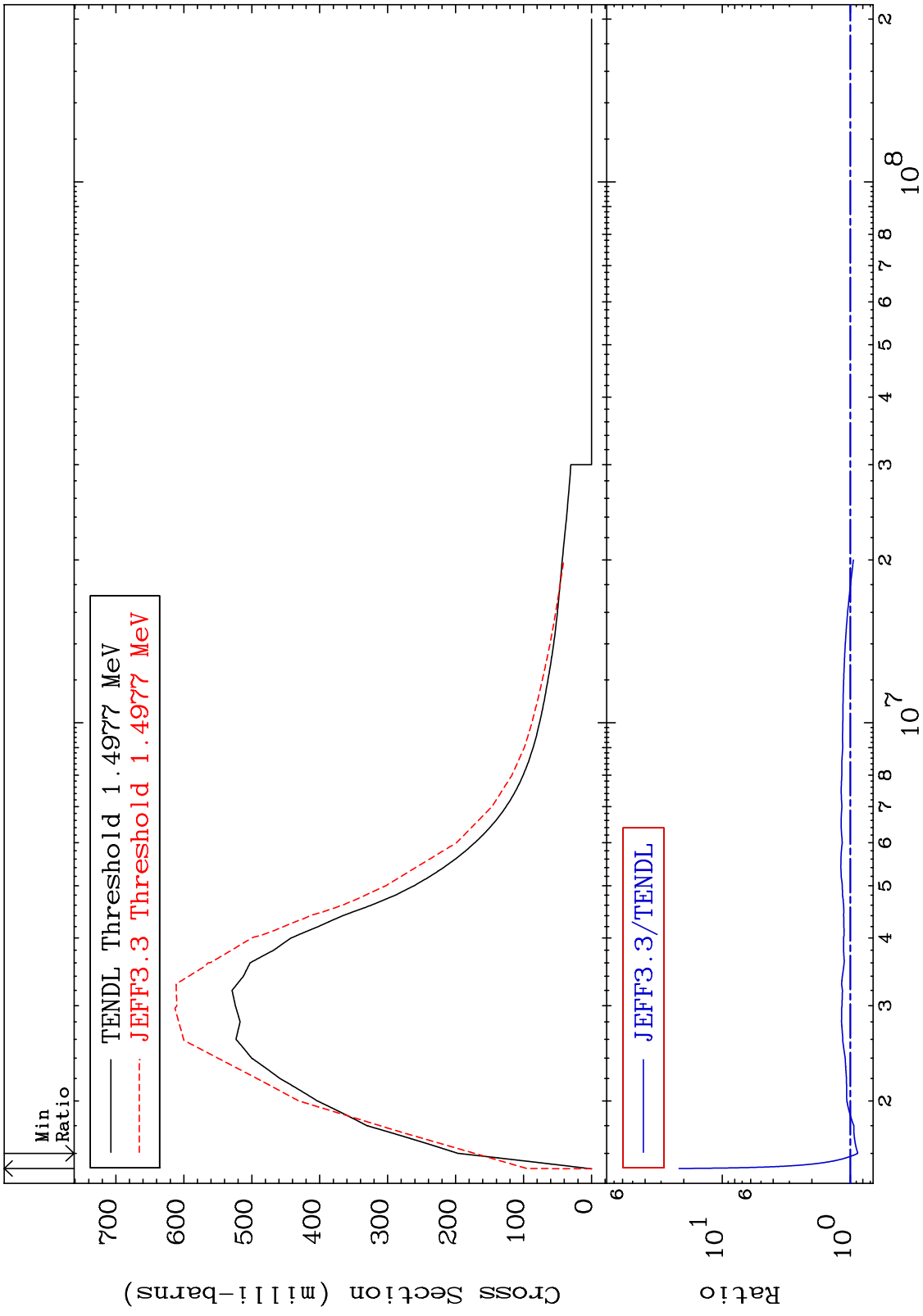


MAT 1837 $(n, n') \alpha$ 18-Ar-40
 Cross Section -93.94 To 9999. %

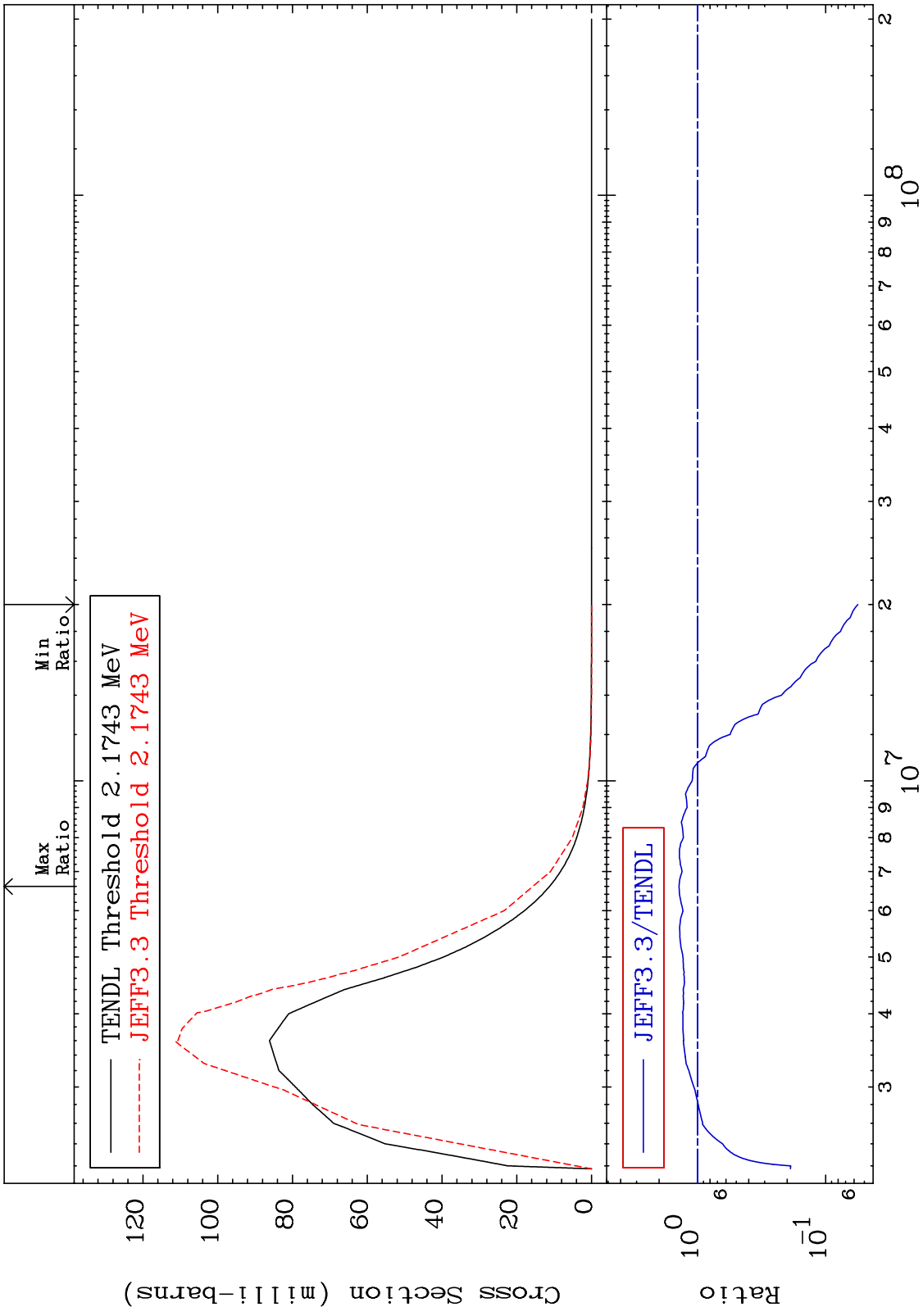




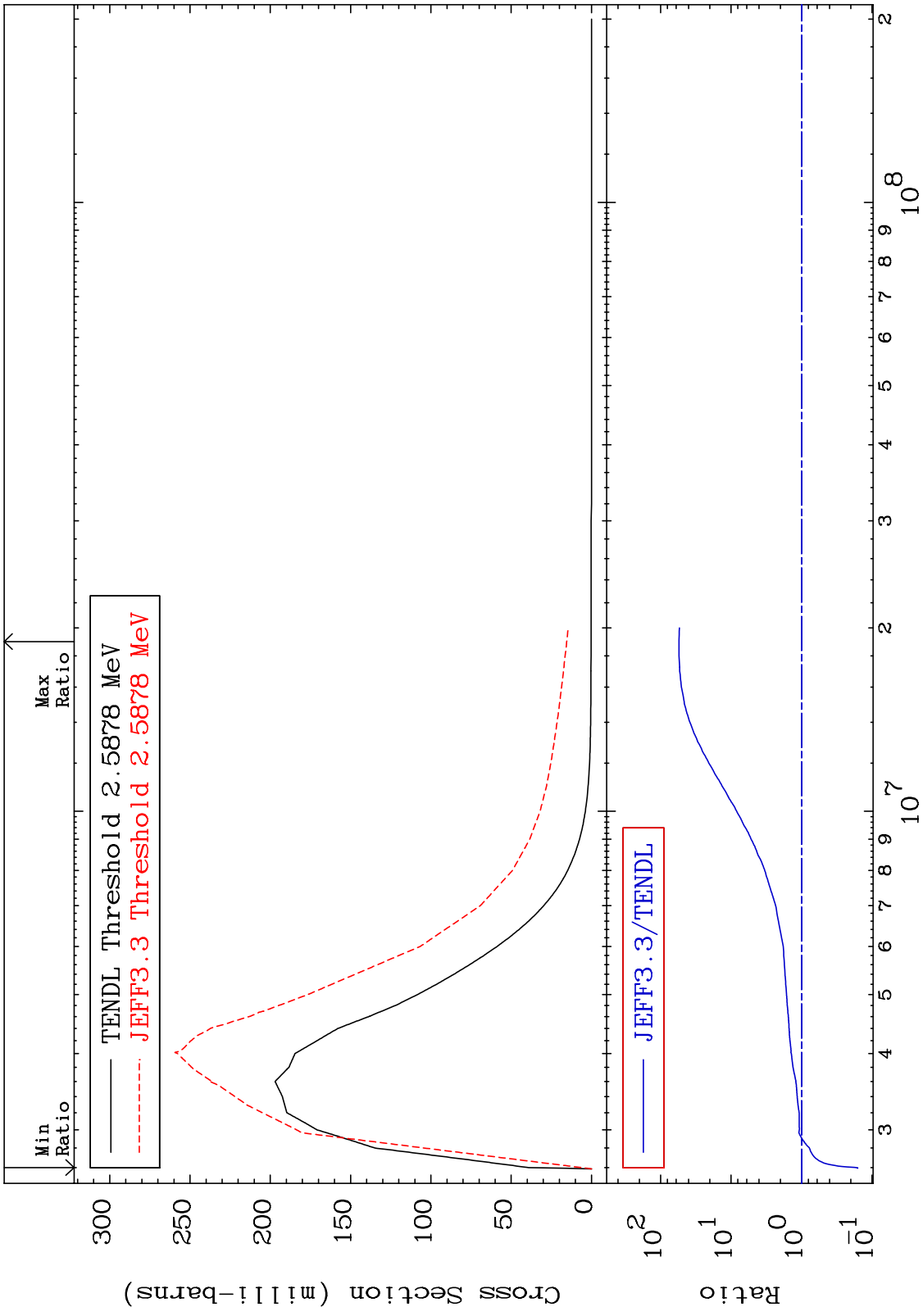
MAT 1837 MT= 51 (n,n') Level Cross Section -12.42 To 2075. % 18-Ar-40



MAT 1837 MT= 52 (n,n') Level Cross Section -94.39 To 39.73 % 18-Ar-40

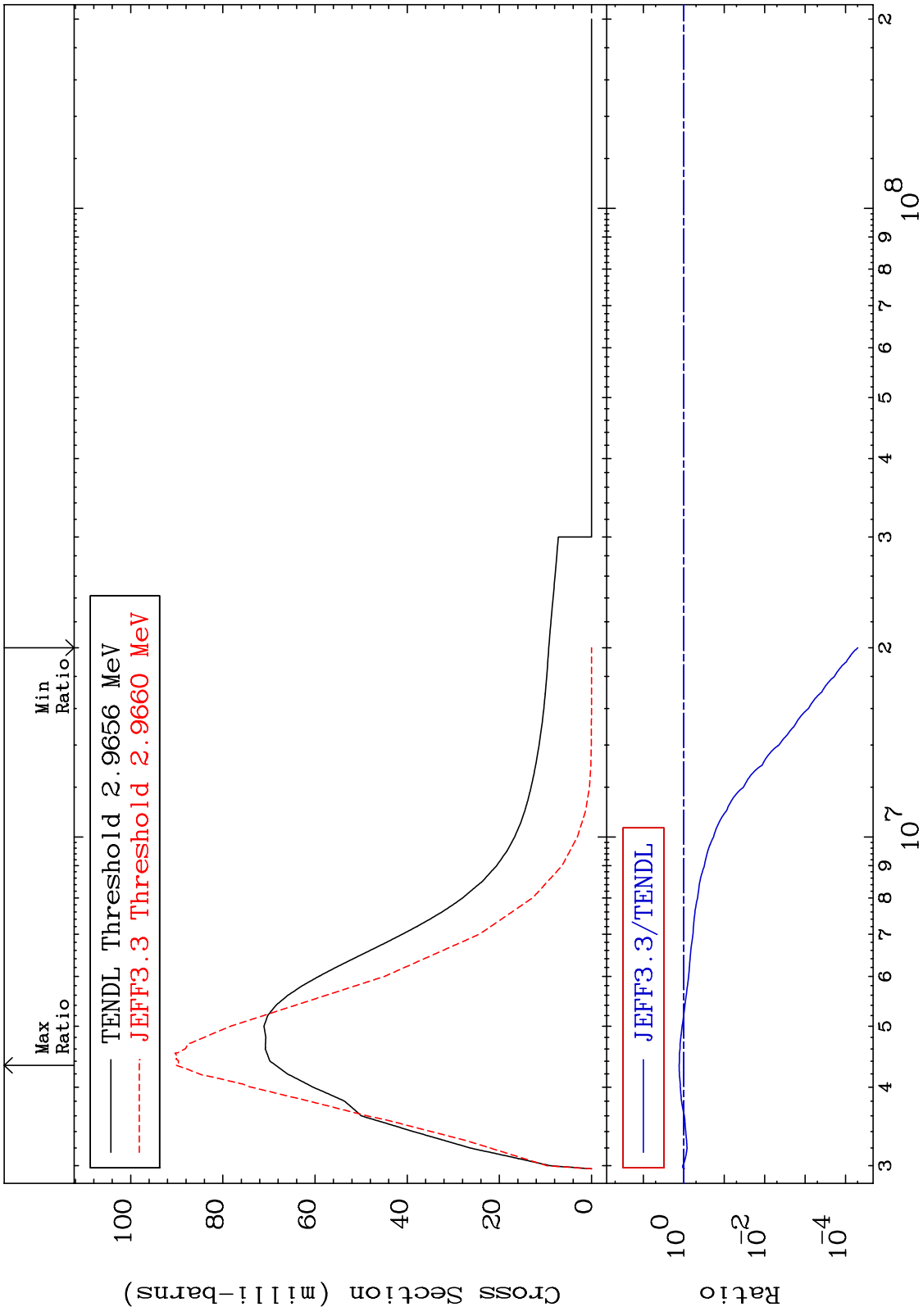


MAT 1837 MT= 53 (n,n') Level Cross Section -84.10 To 5363. % 18-Ar-40

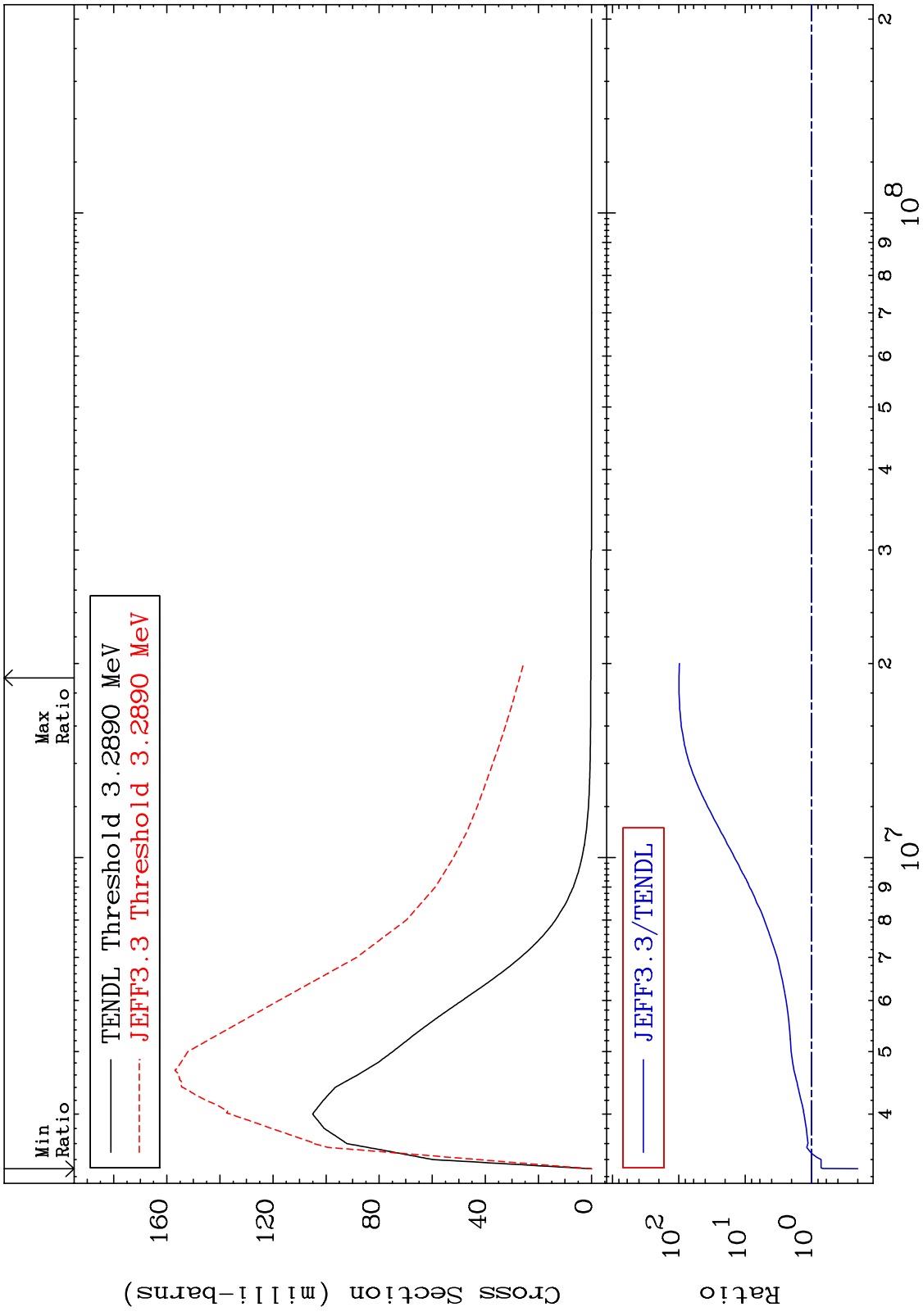


10 Incident Energy (eV) 18-Ar-40

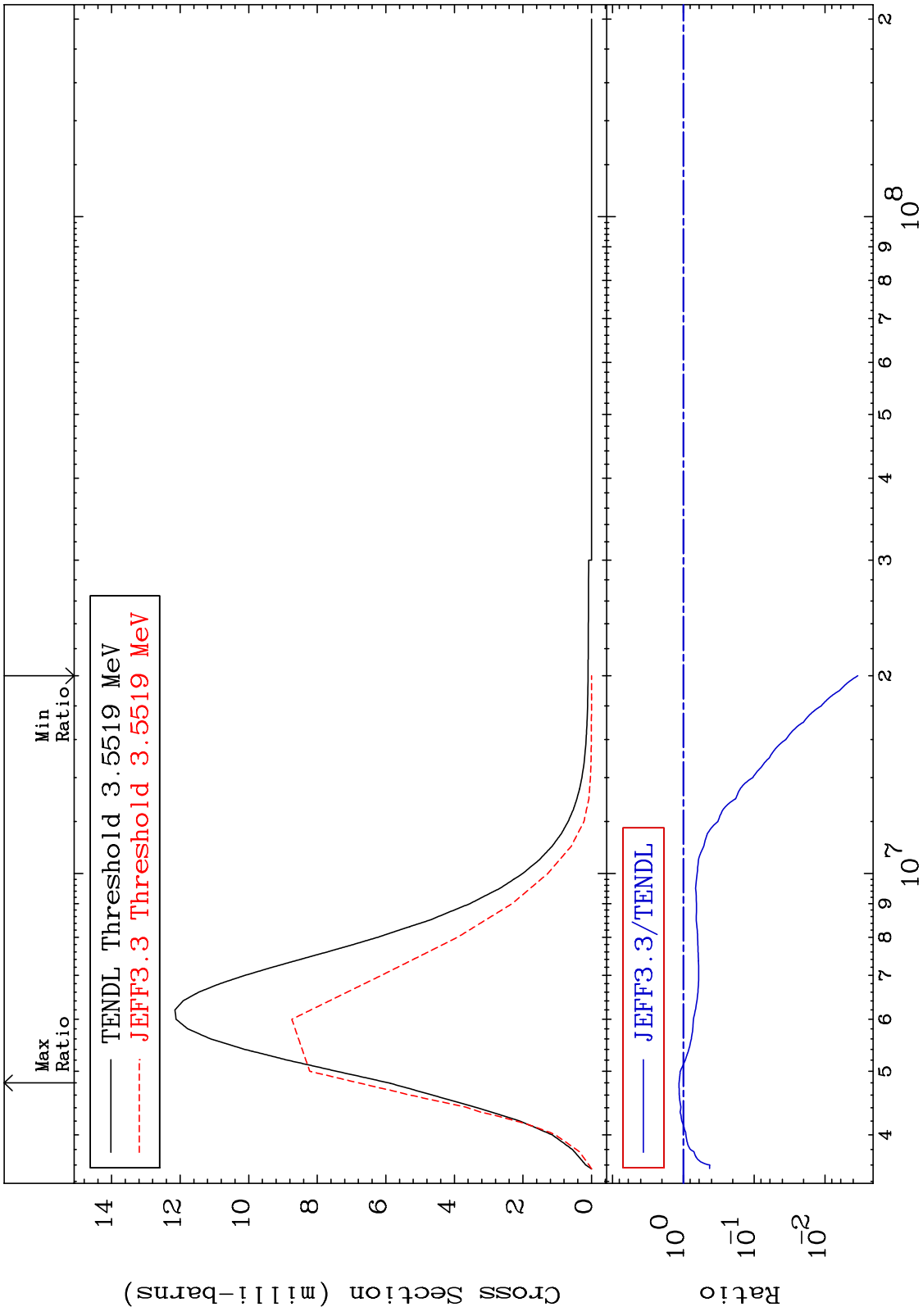
MAT 1837 MT= 54 (n,n') Level Cross Section -100.0 To 31.48 % 18-Ar-40



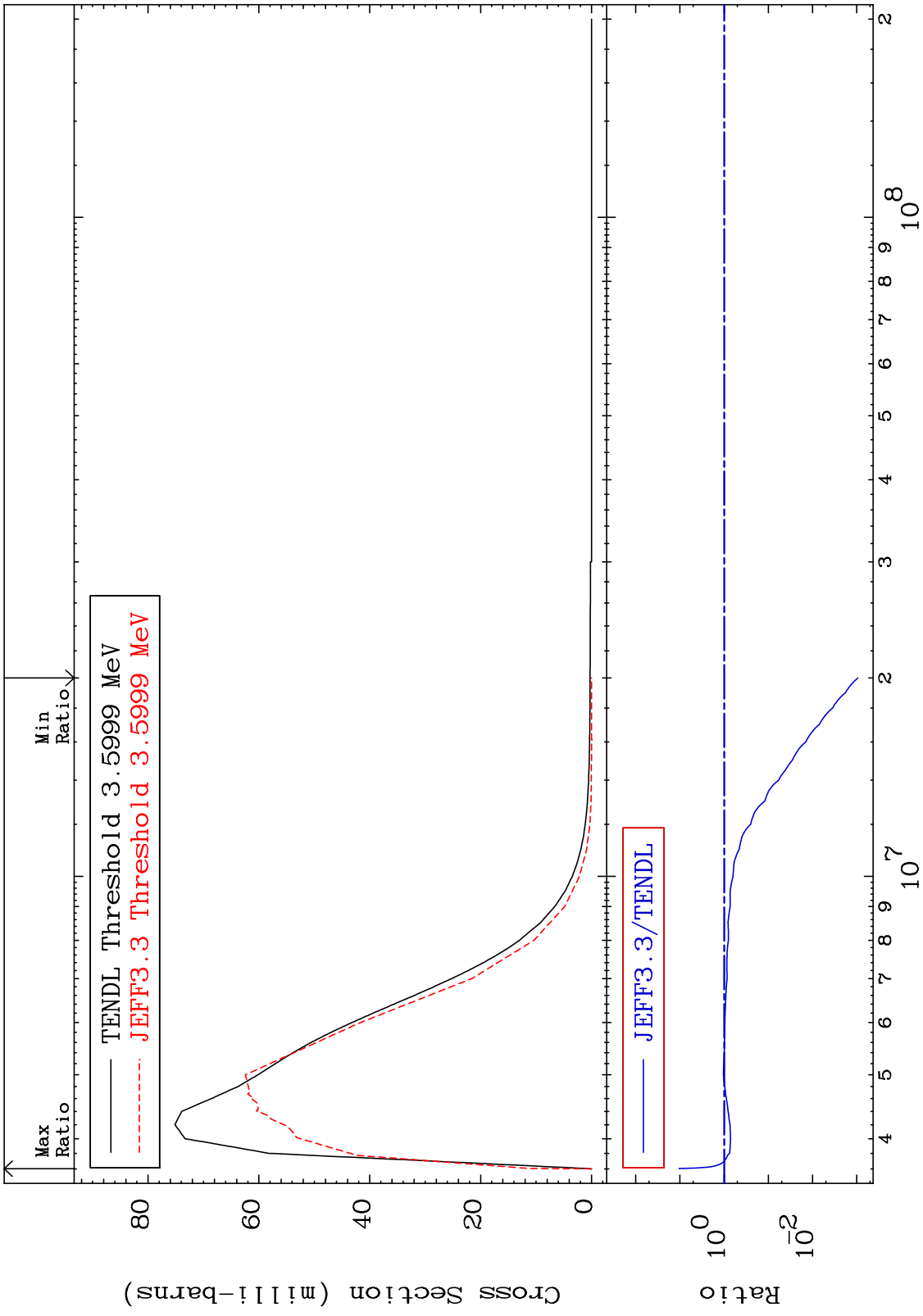
MAT 1837 MT= 55 (n,n') Level Cross Section -79.99 To 9828. % 18-Ar-40



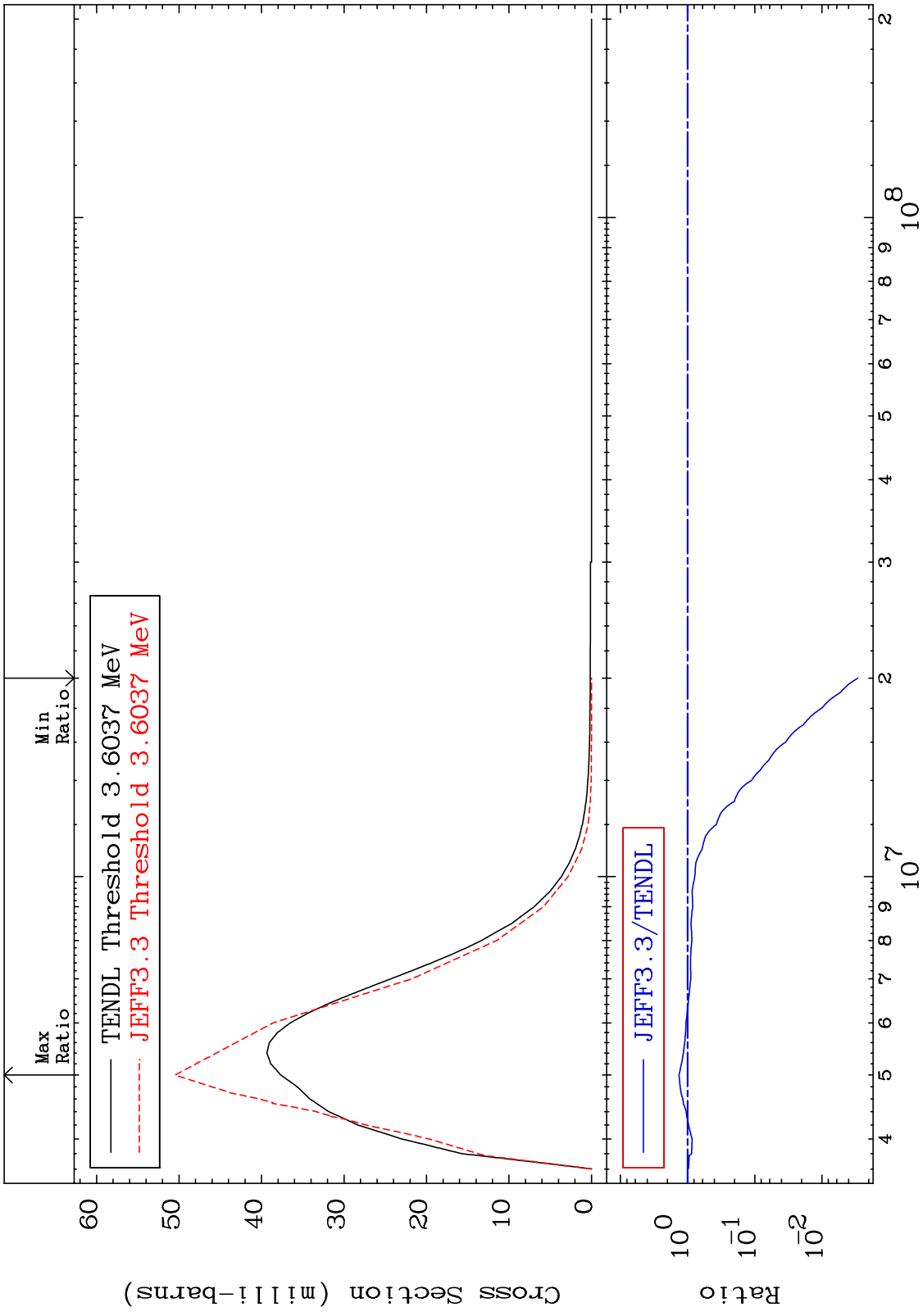
MAT 1837 MT= 56 (n,n') Level Cross Section -99.66 To 14.79 % 18-Ar-40



MAT 1837 MT= 57 (n,n') Level Cross Section 18-Ar-40
 -99.91 To 947.7 %



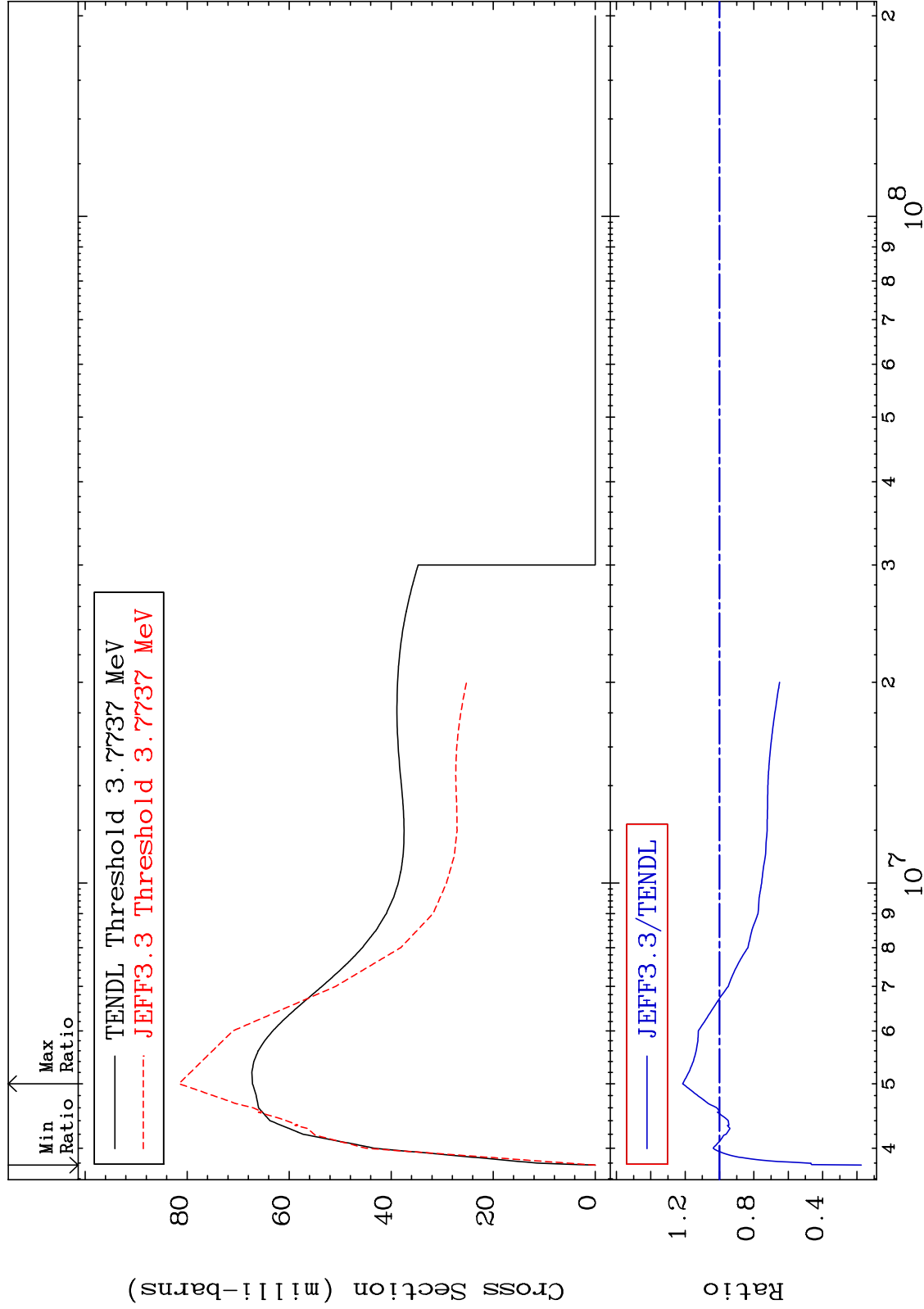
MAT 1837 MT= 58 (n,n') Level Cross Section -99.71 To 34.07 % 18-Ar-40



MAT 1837

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

18-Ar-40
-82.52 To 21.46 %



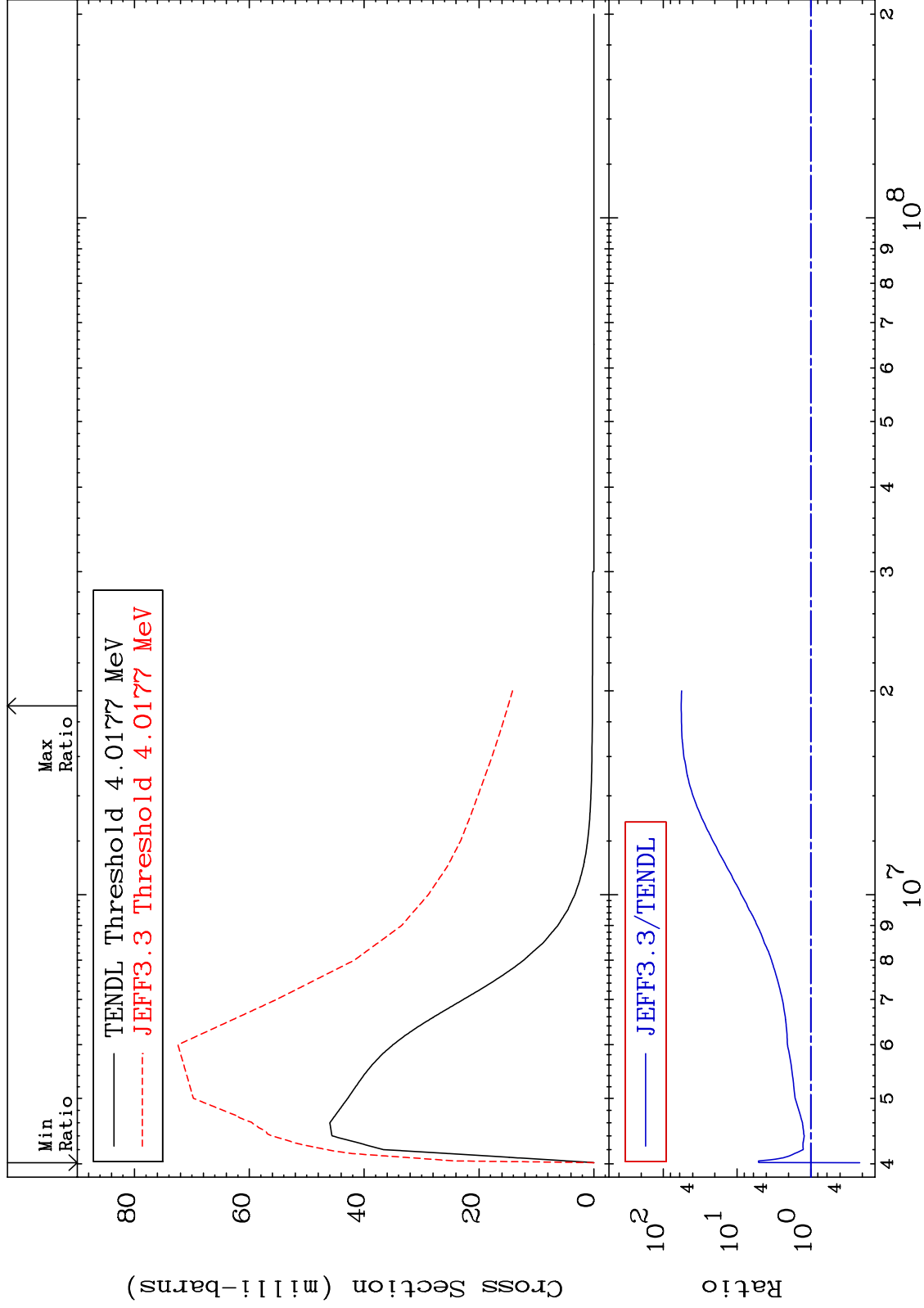
16

18-Ar-40

MAT 1837

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

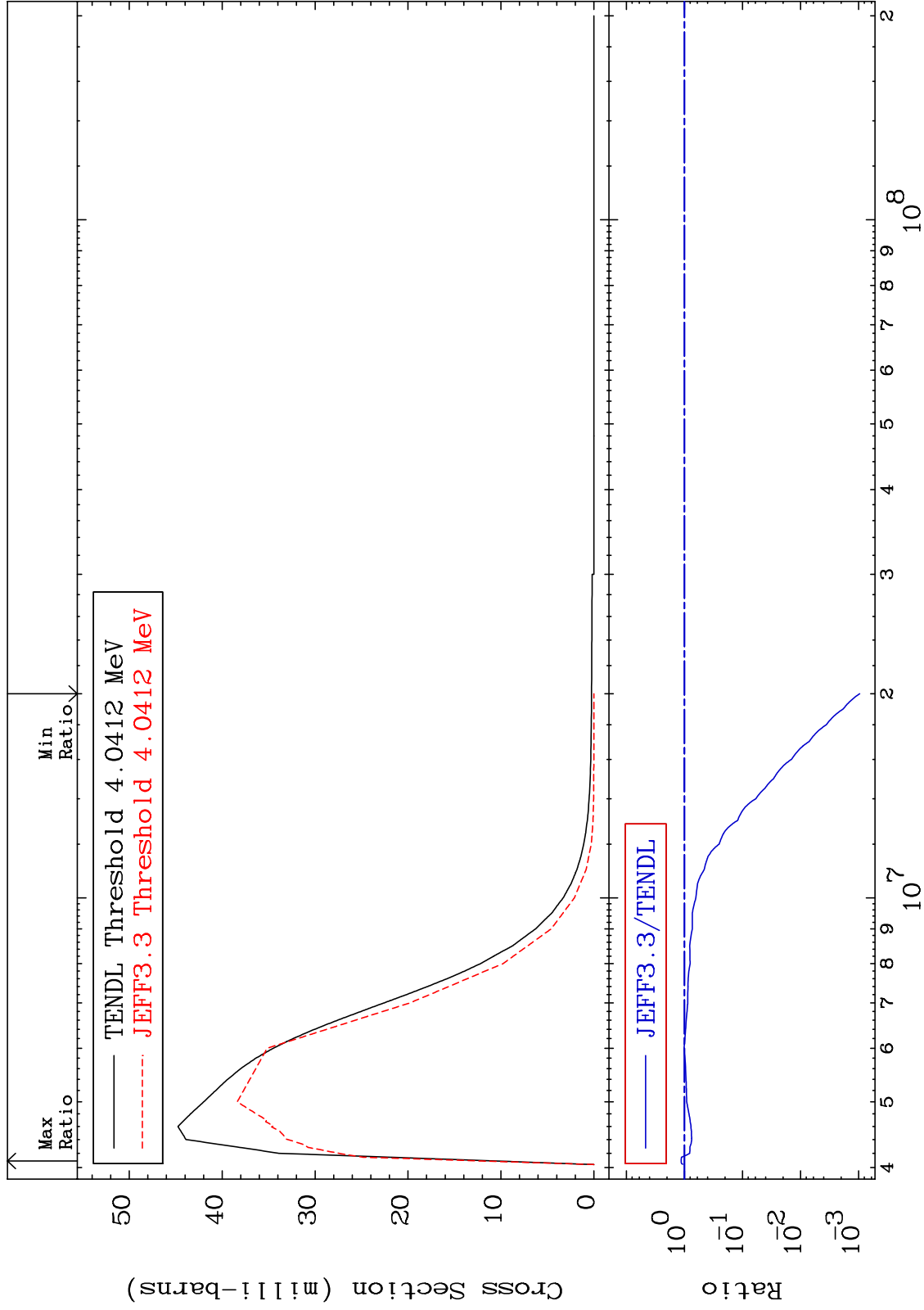
18-Ar-40
-78.39 To 5620. %



MAT 1837

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

18-Ar-40
-99.90 To 13.59 %

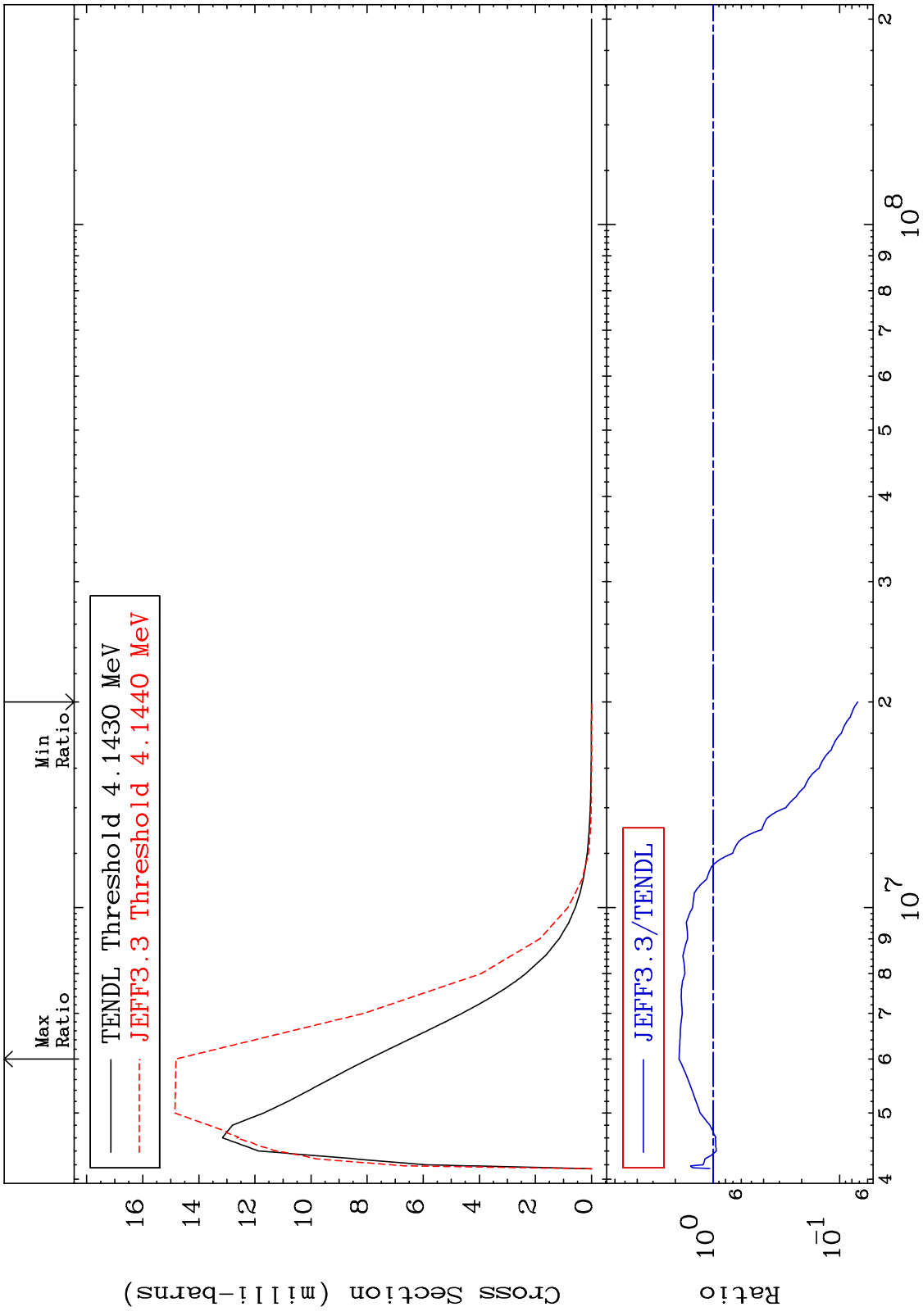


18

Incident Energy (eV)

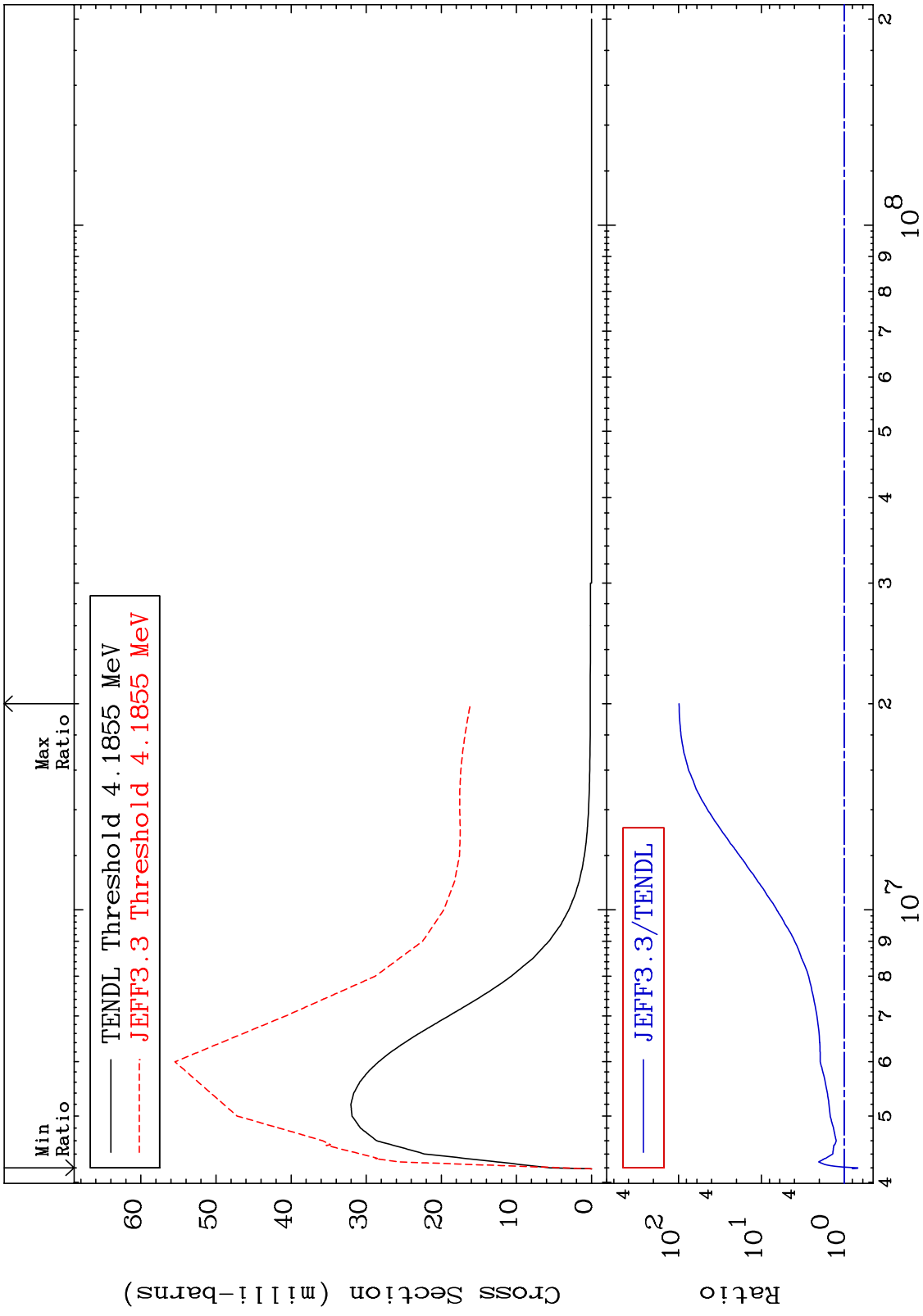
18-Ar-40

MAT 1837 MT= 62 (n,n') Level Cross Section 18-Ar-40
 -92.82 To 86.67 %



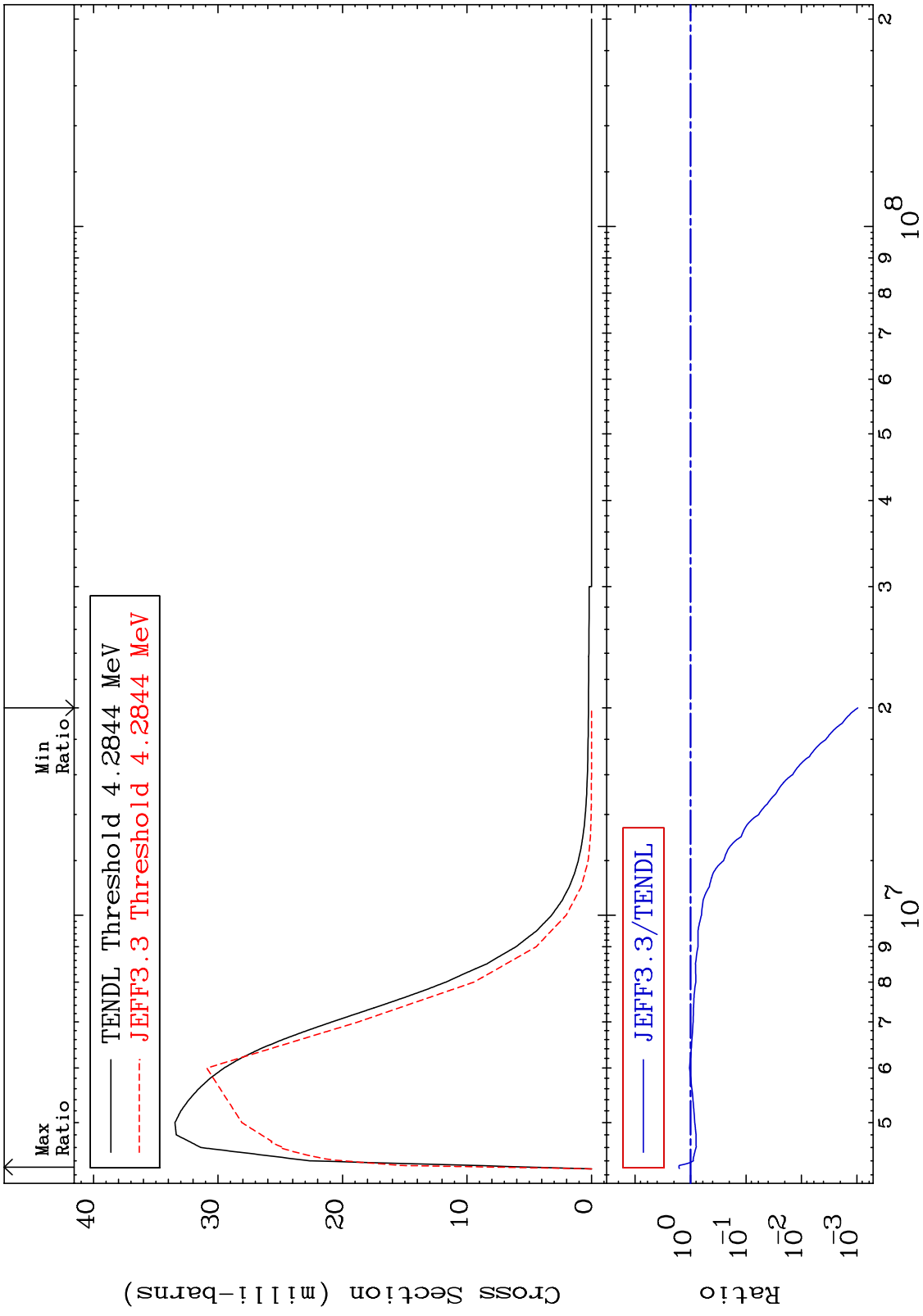
19 18-Ar-40

MAT 1837 MT= 63 (n,n') Level Cross Section -31.29 To 9741. % 18-Ar-40

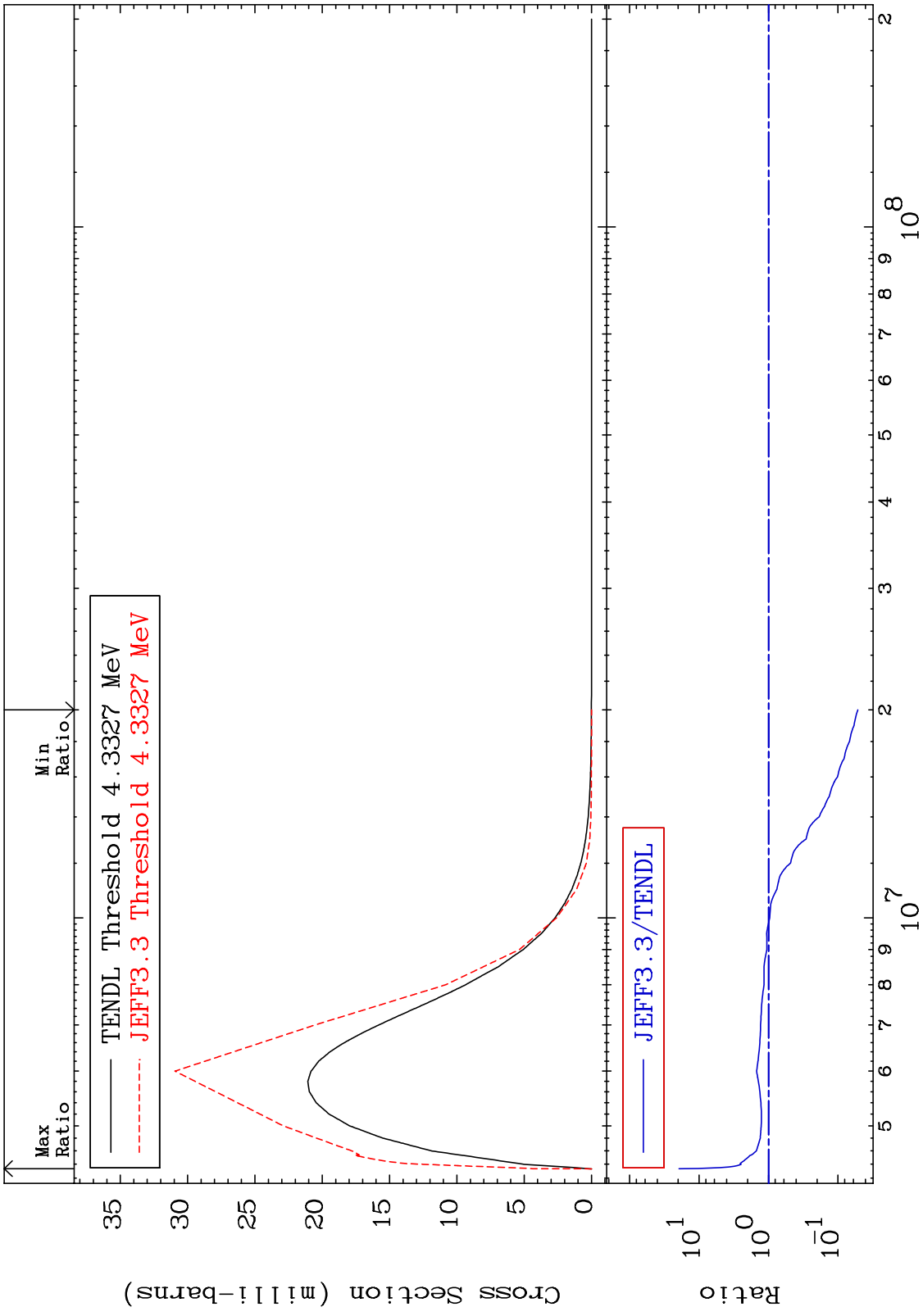


20 Incident Energy (eV) 18-Ar-40

MAT 1837 MT= 64 (n,n') Level Cross Section 18-Ar-40
 -99.90 To 61.29 %



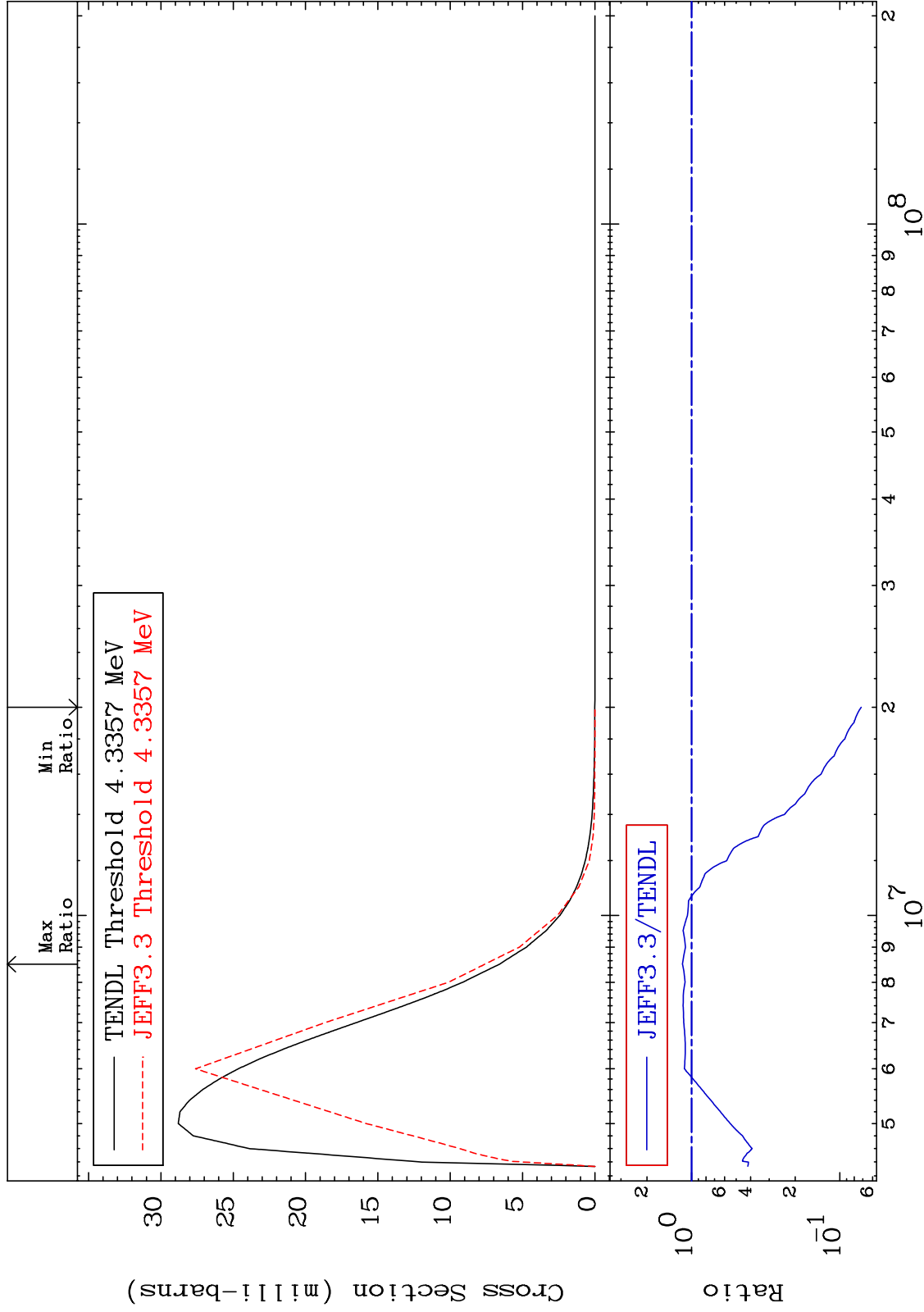
MAT 1837 MT= 65 (n,n') Level Cross Section -94.83 To 1845. % 18-Ar-40



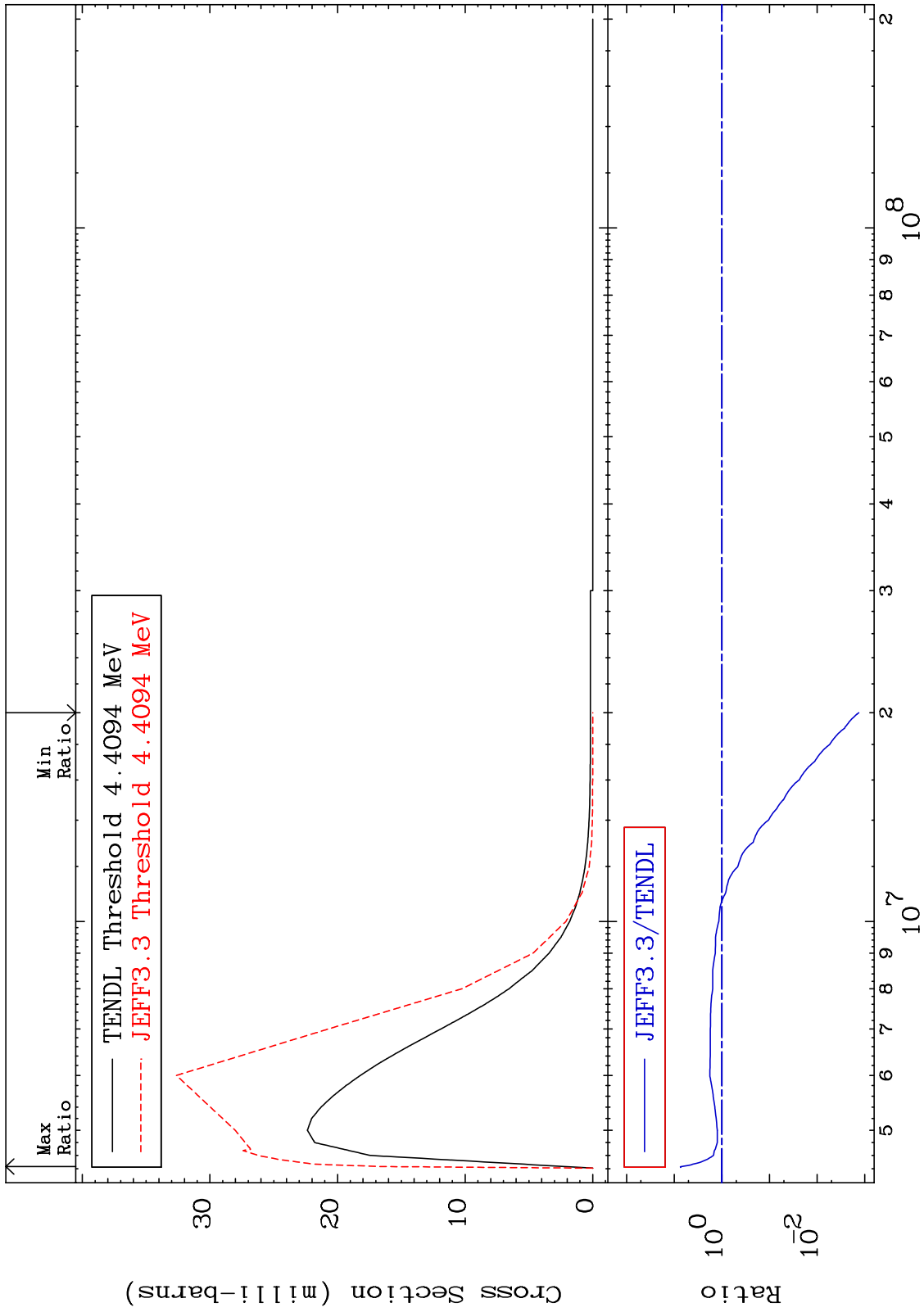
MAT 1837

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

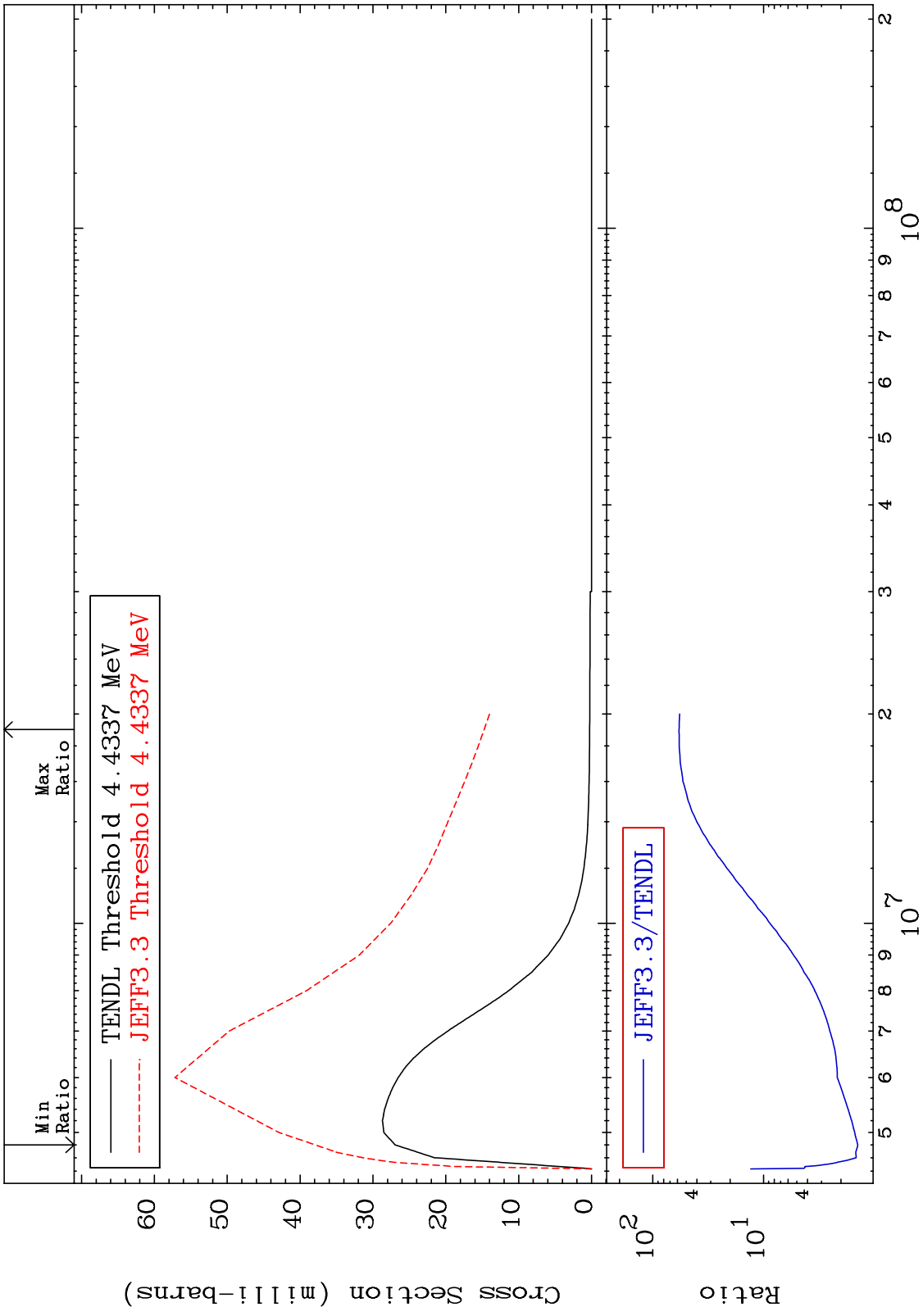
18-Ar-40
-92.84 To 15.39 %



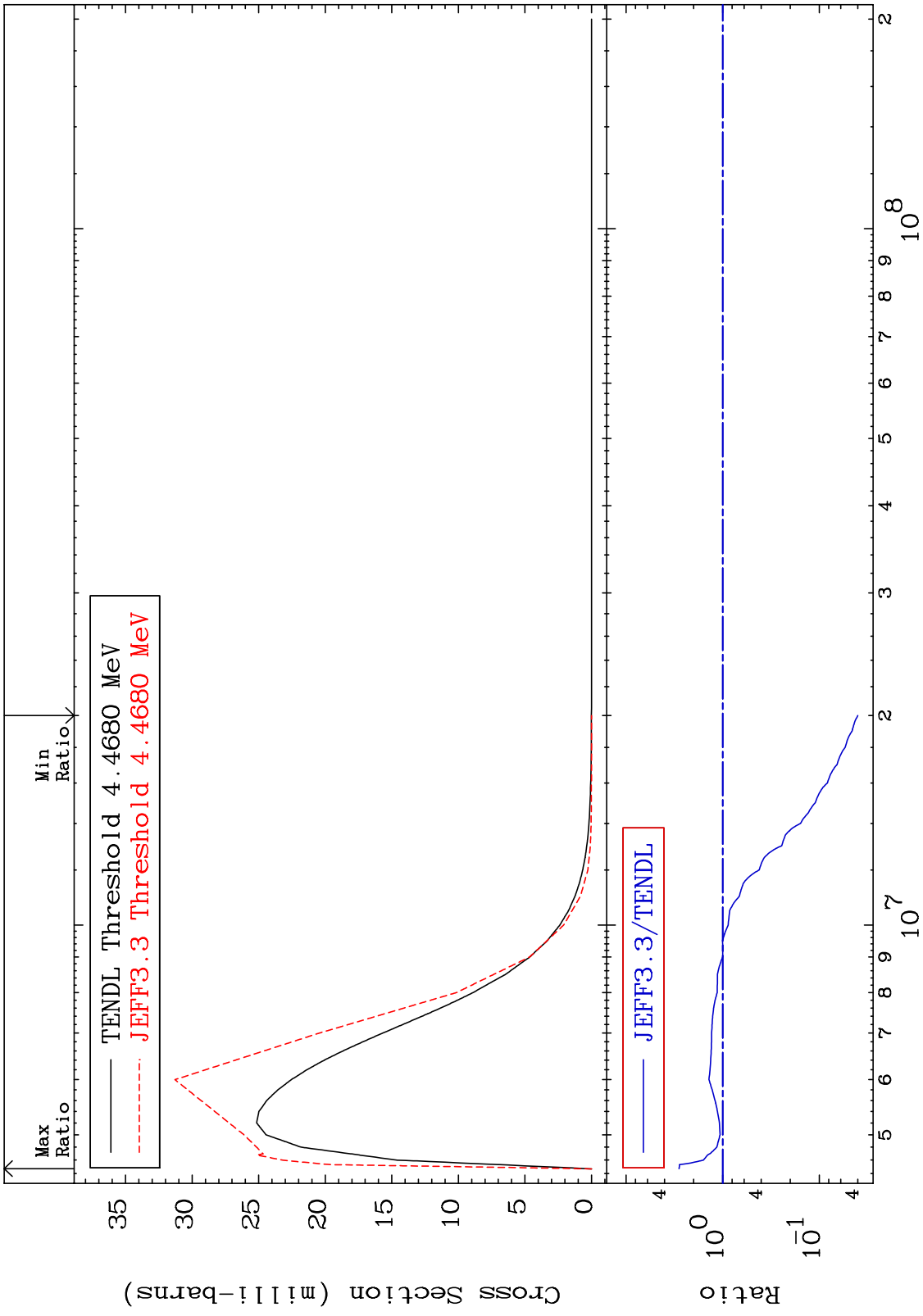
MAT 1837 MT= 67 (n,n') Level Cross Section 18-Ar-40
 -99.87 To 647.9 %



MAT 1837 MT= 68 (n,n') Level Cross Section 18-Ar-40 To 5699. %



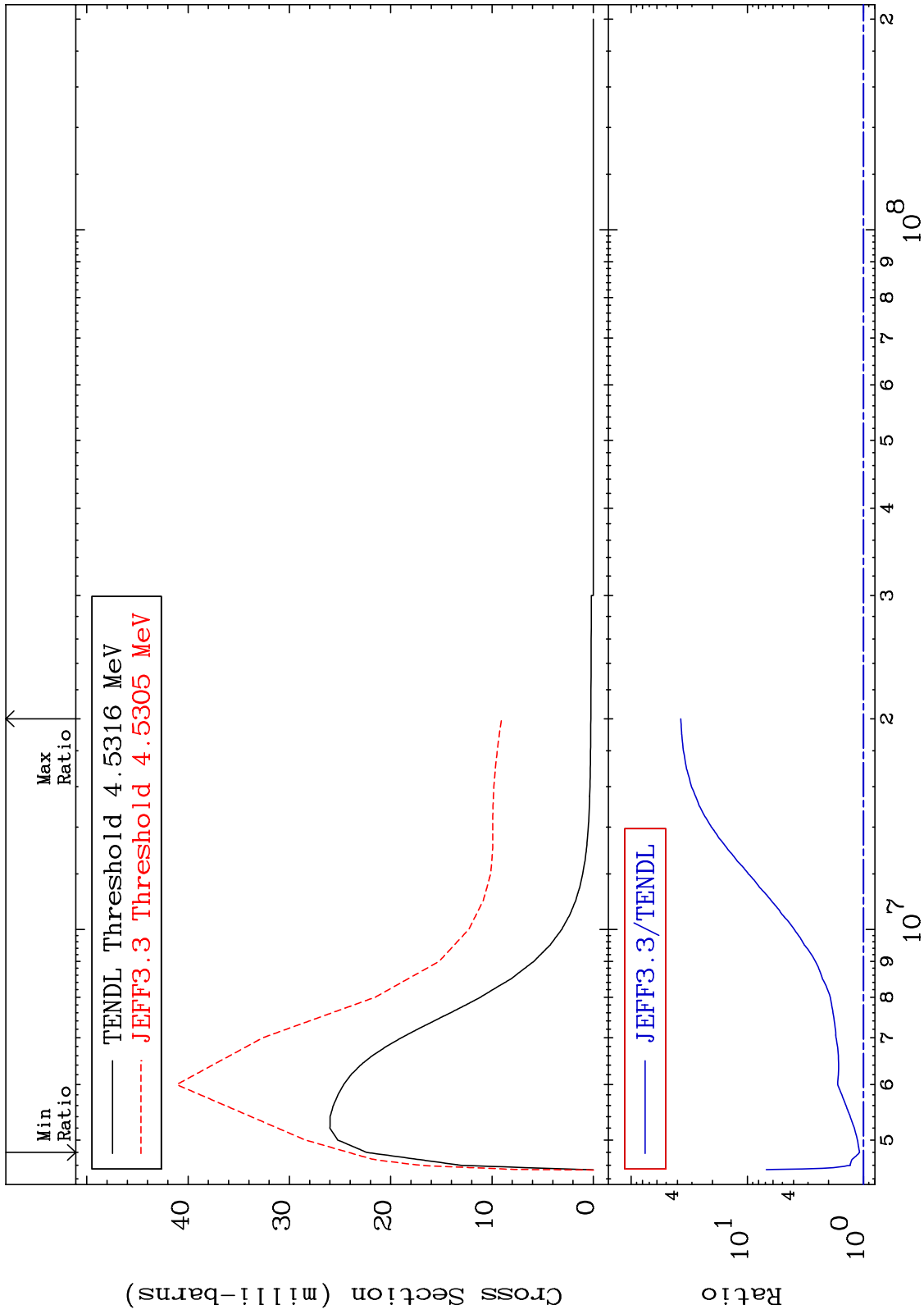
MAT 1837 MT= 69 (n,n') Level Cross Section -96.01 To 183.5 % 18-Ar-40



MAT 1837

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

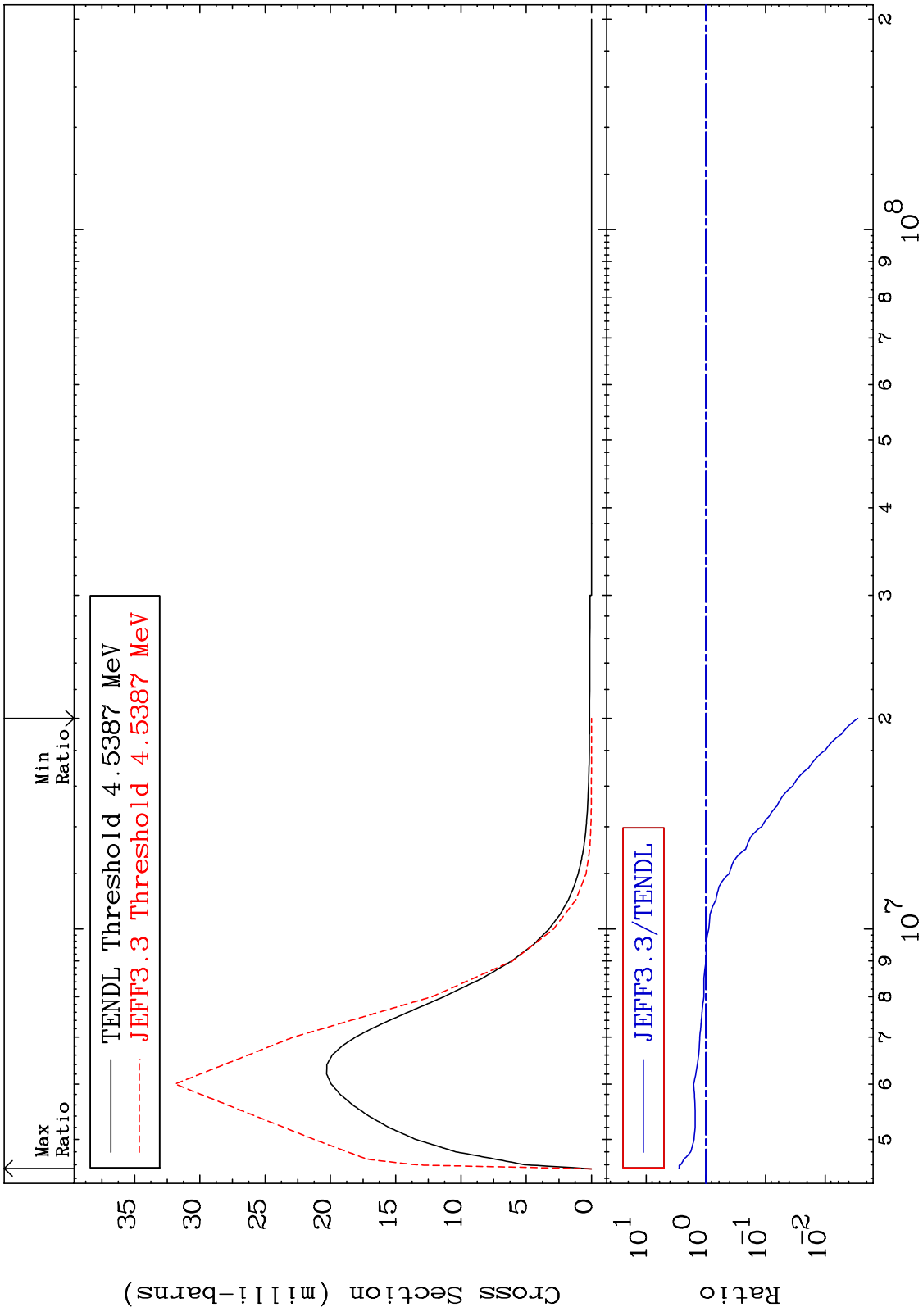
18-Ar-40
7.935 To 3639. %



27

18-Ar-40

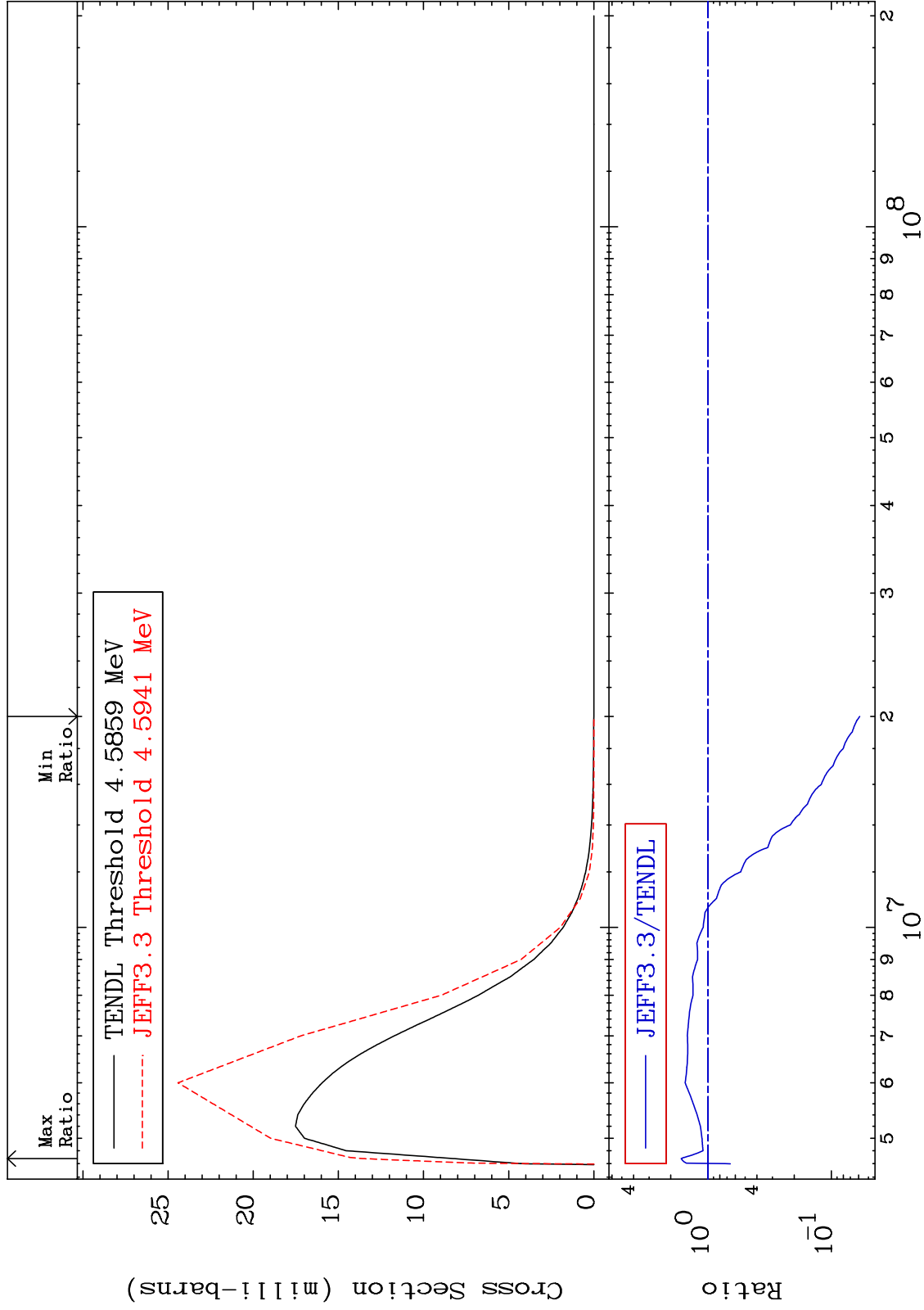
MAT 1837 MT= 71 (n,n') Level Cross Section 18-Ar-40
 -99.72 To 181.6 %



MAT 1837

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

18-Ar-40
-94.12 To 64.57 %

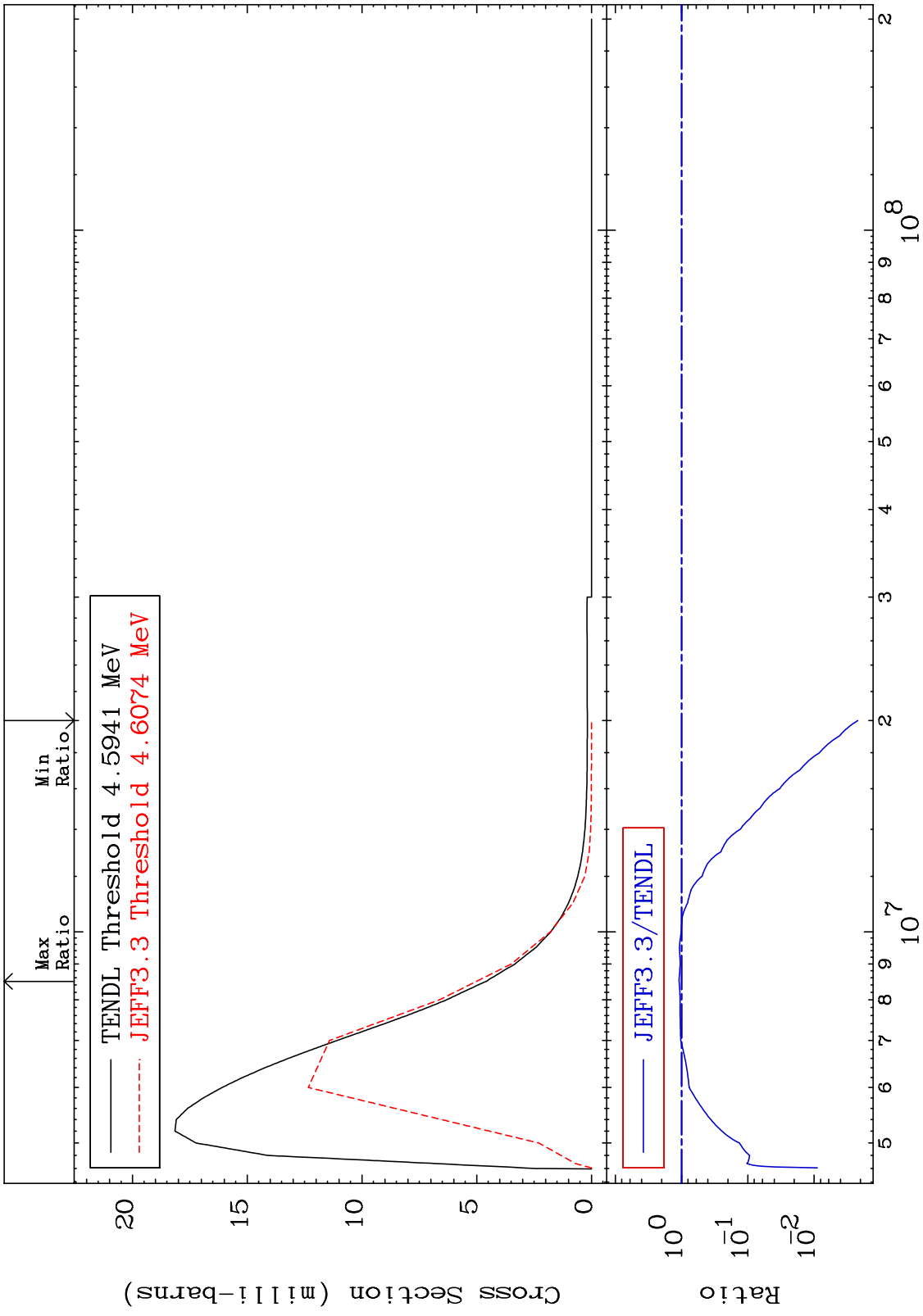


29

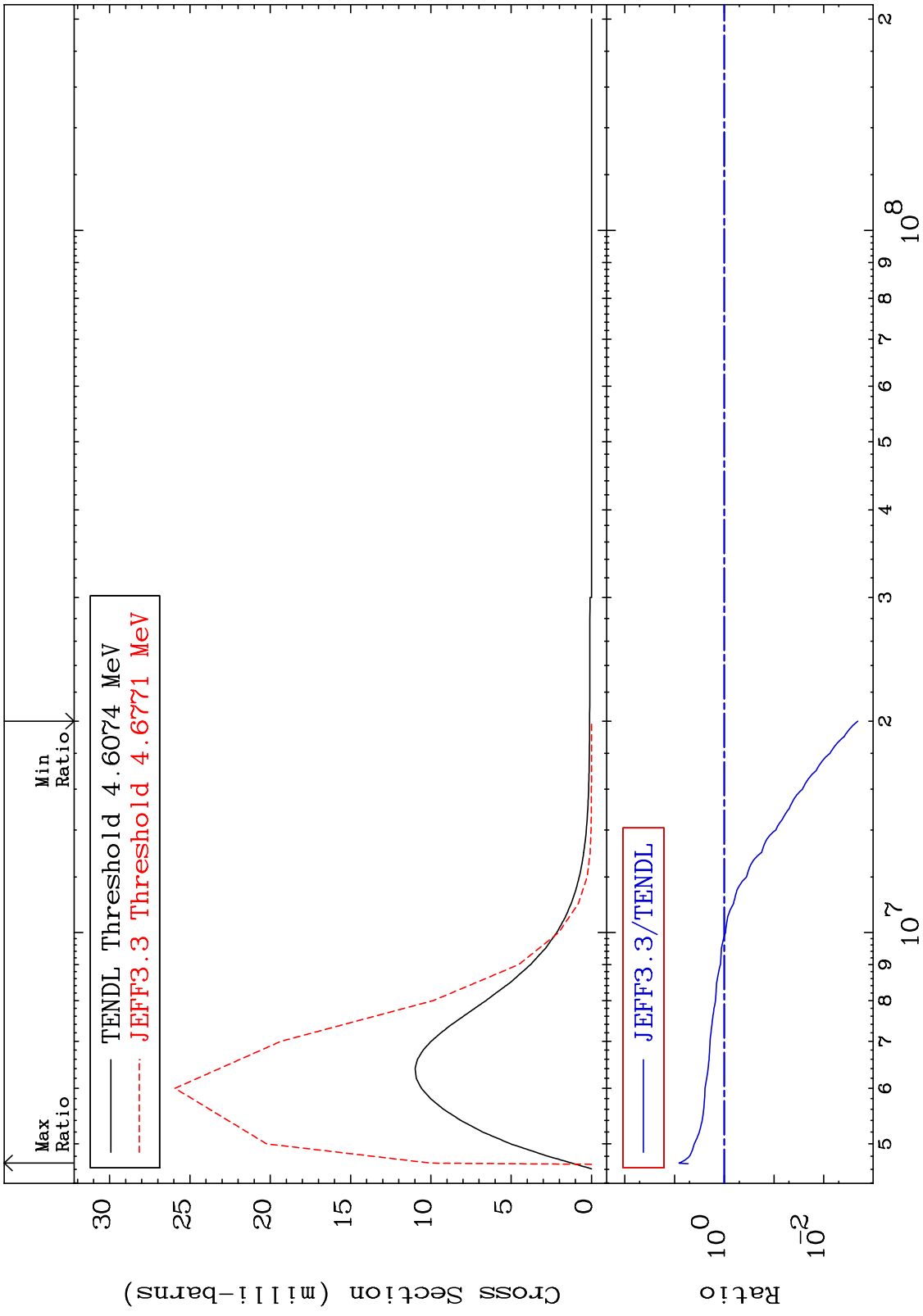
Incident Energy (eV)

18-Ar-40

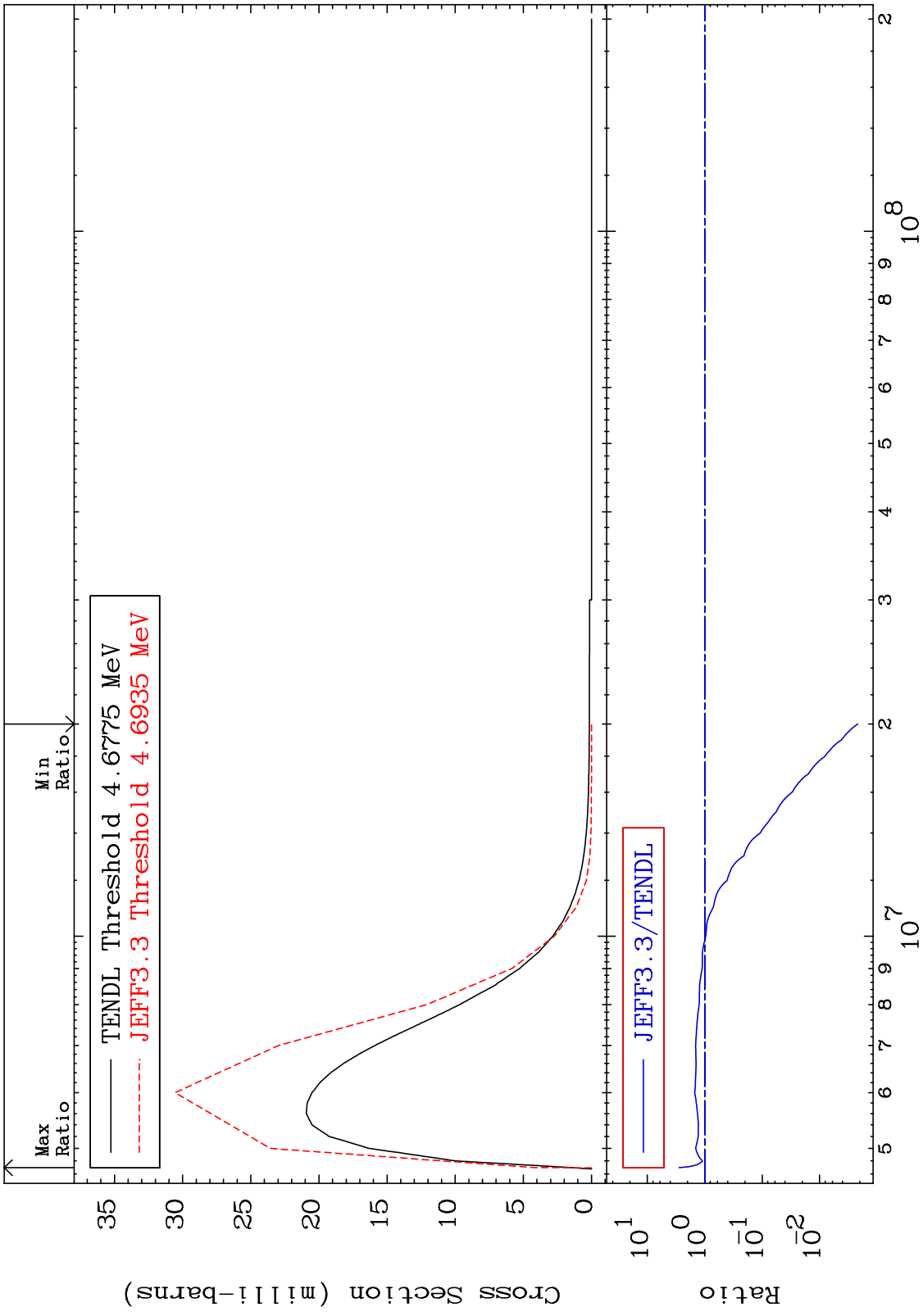
MAT 1837 MT= 73 (n,n') Level Cross Section 18-Ar-40
 -99.78 To 9.128 %



MAT 1837 MT= 74 (n,n') Level Cross Section 18-Ar-40
 -99.79 To 710.5 %



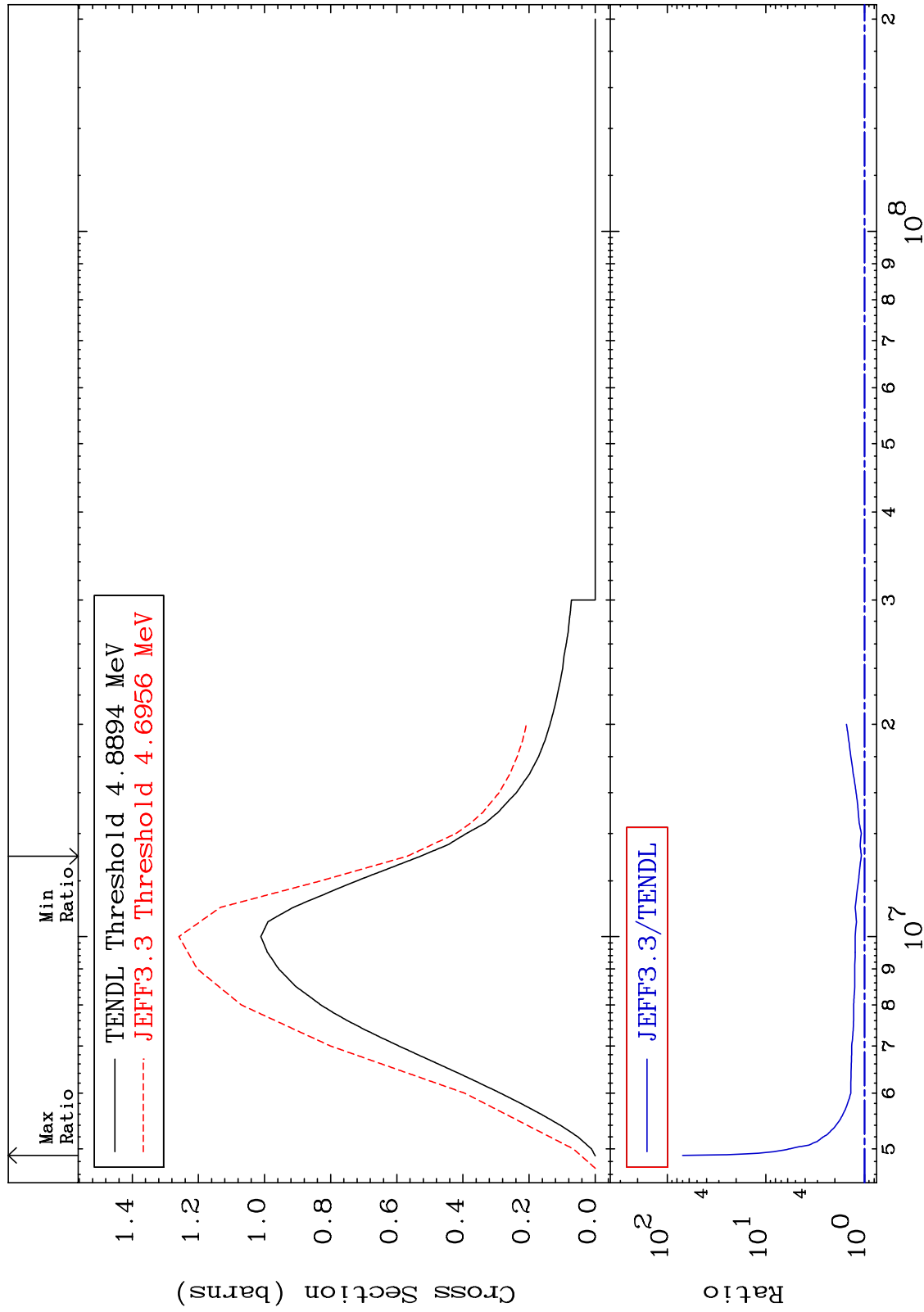
MAT 1837 MT= 75 (n,n') Level Cross Section 18-Ar-40
 -99.78 To 180.3 %



MAT 1837

(n,n') Continuum
Cross Section

18-Ar-40
7.698 To 6883. %



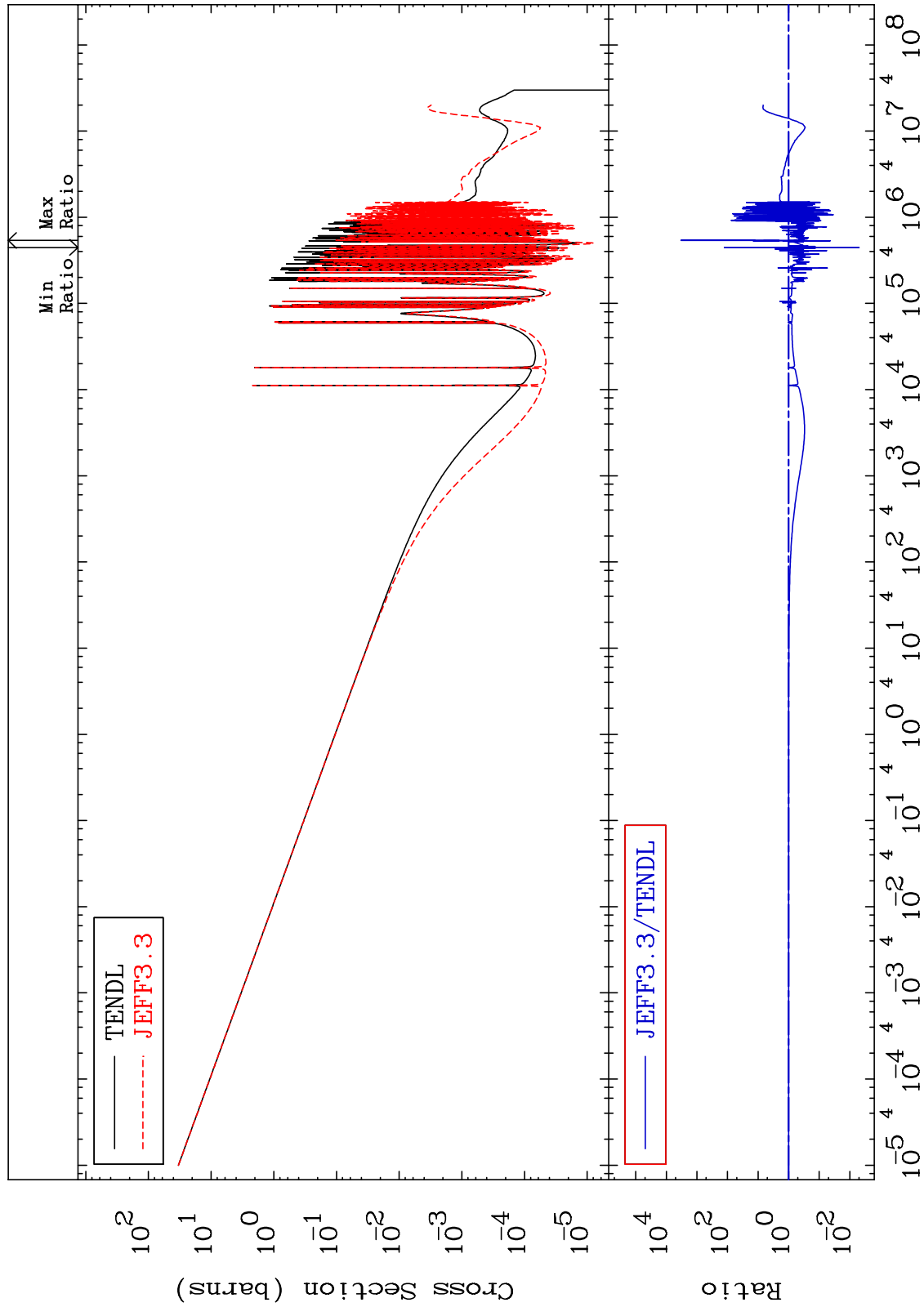
MAT 1837

(n, γ)

18-Ar-40

Cross Section

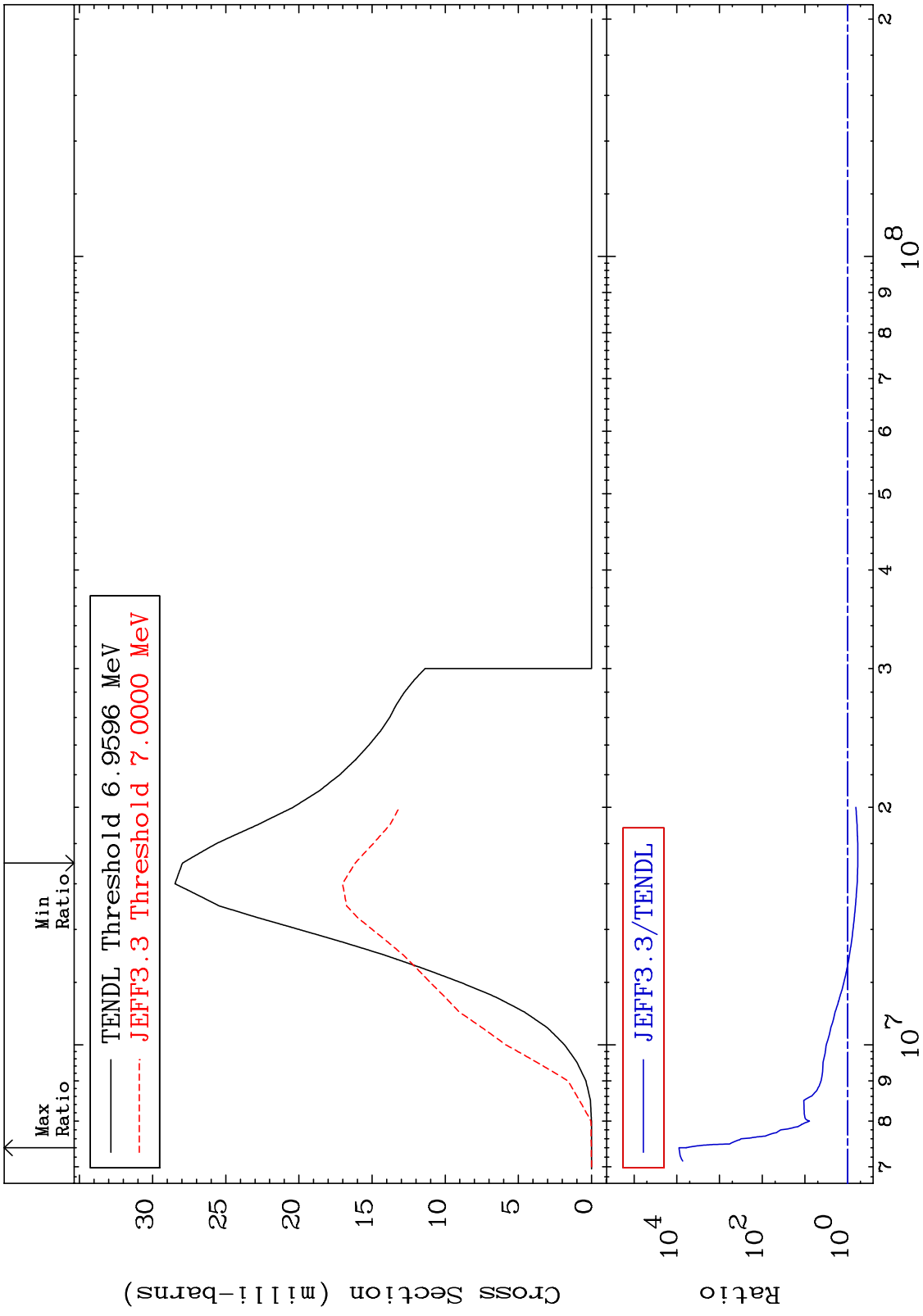
-99.50 To 9999. %



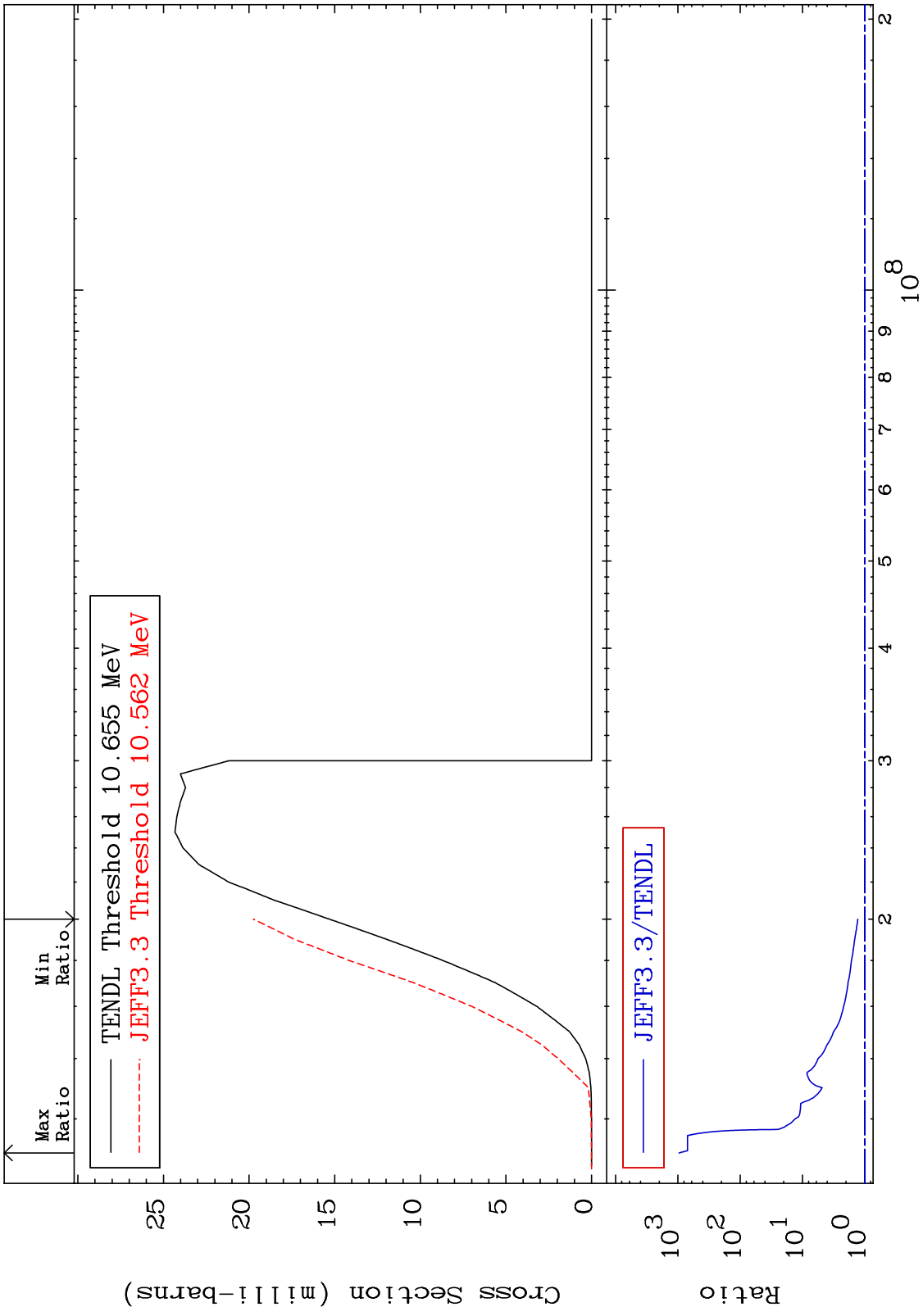
Incident Energy (eV)

18-Ar-40

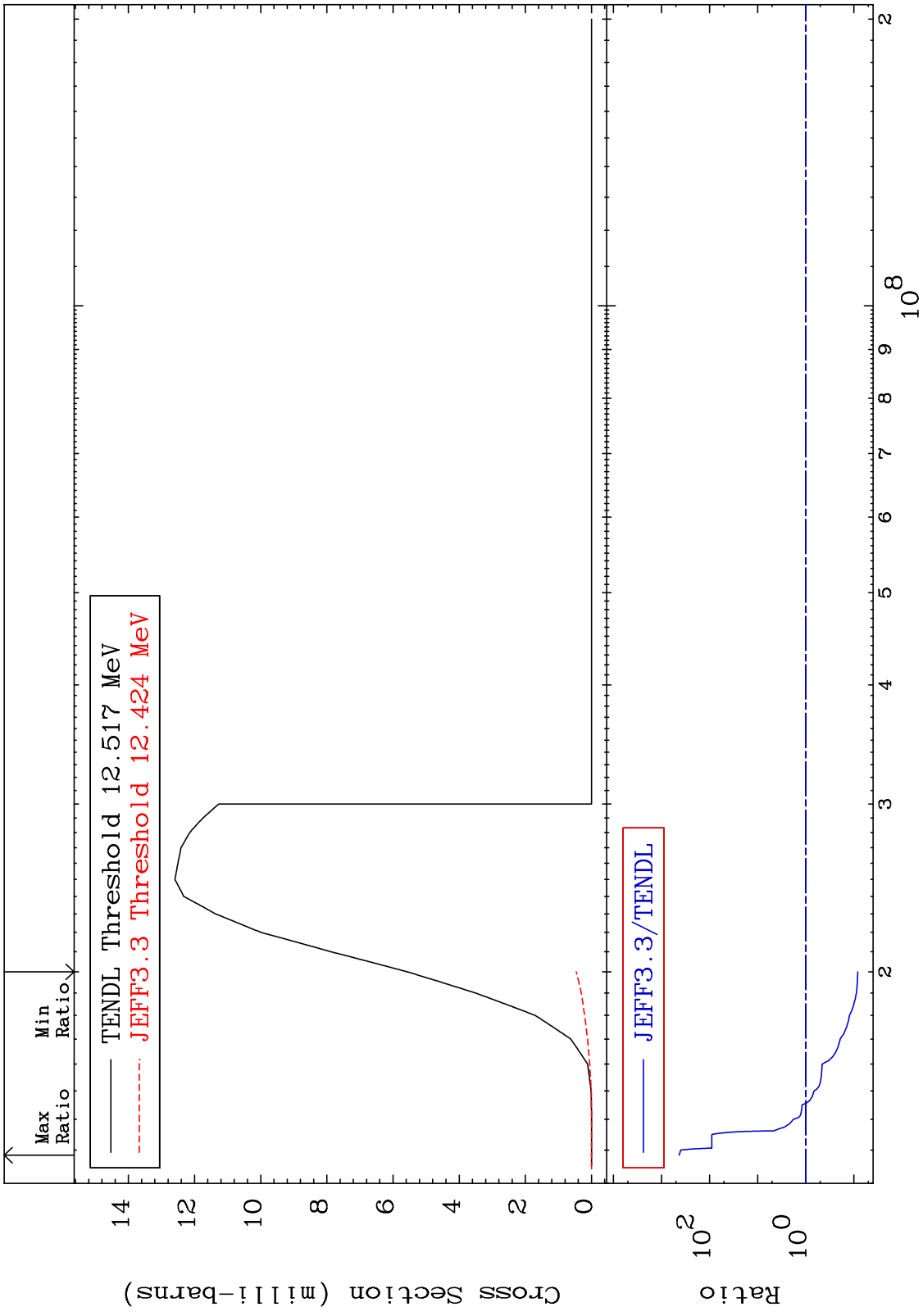
MAT 1837 (n,p) 18-Ar-40
 Cross Section -42.24 To 9999. %

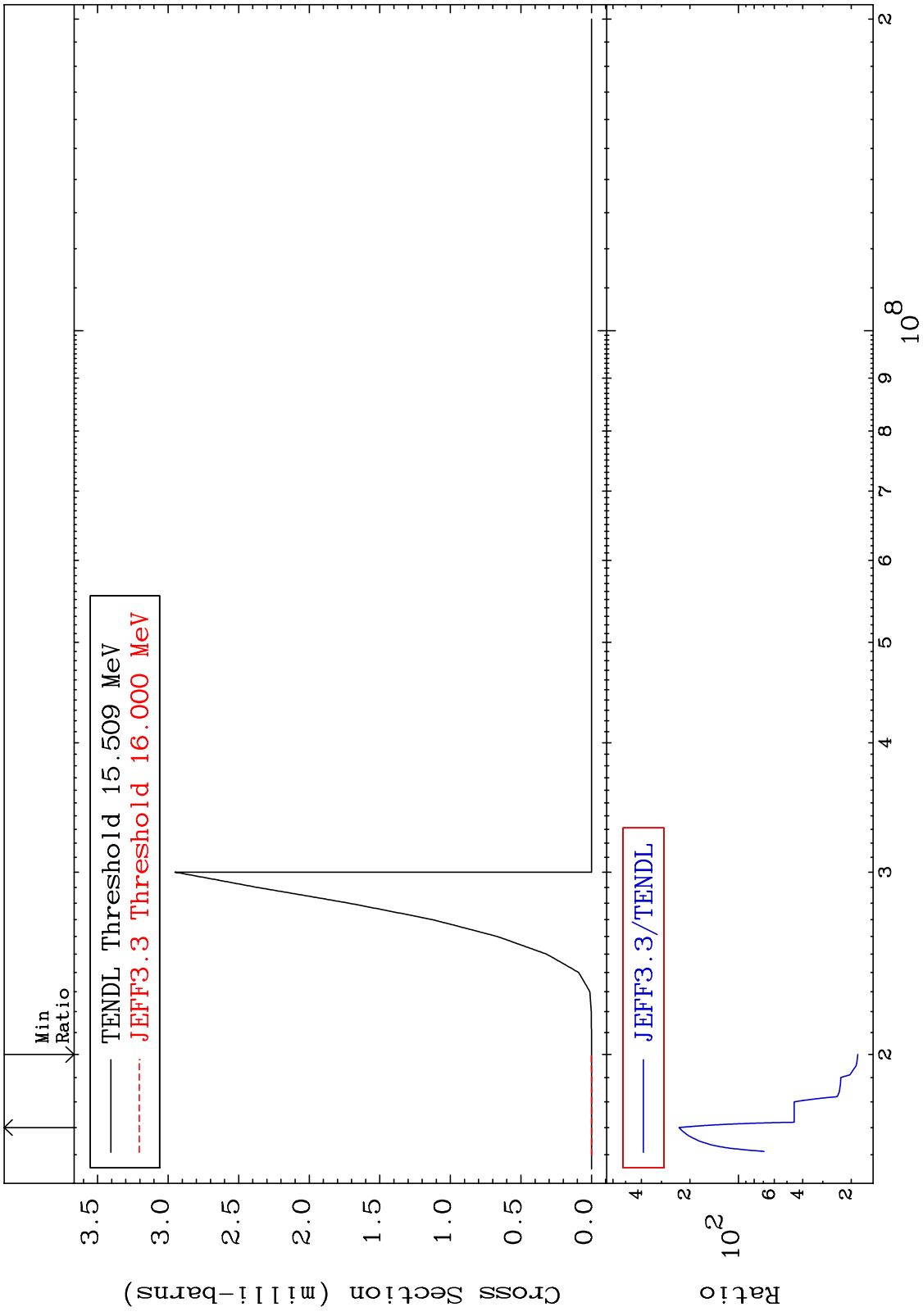


MAT 1837 (n,d) 18-Ar-40
Cross Section 29.04 To 9999. %

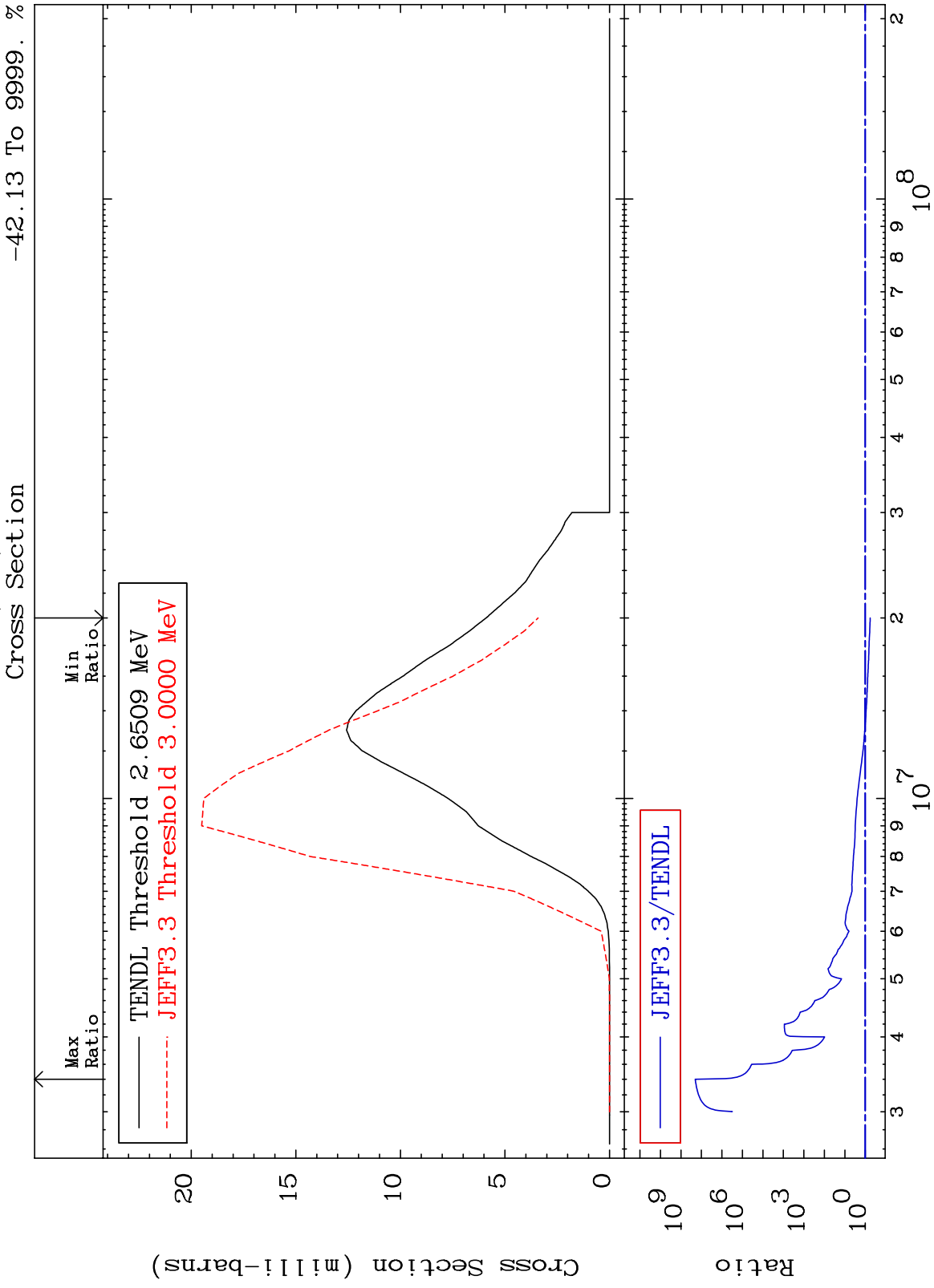


MAT 1837 (n,t) 18-Ar-40
 Cross Section -91.75 To 9999. %

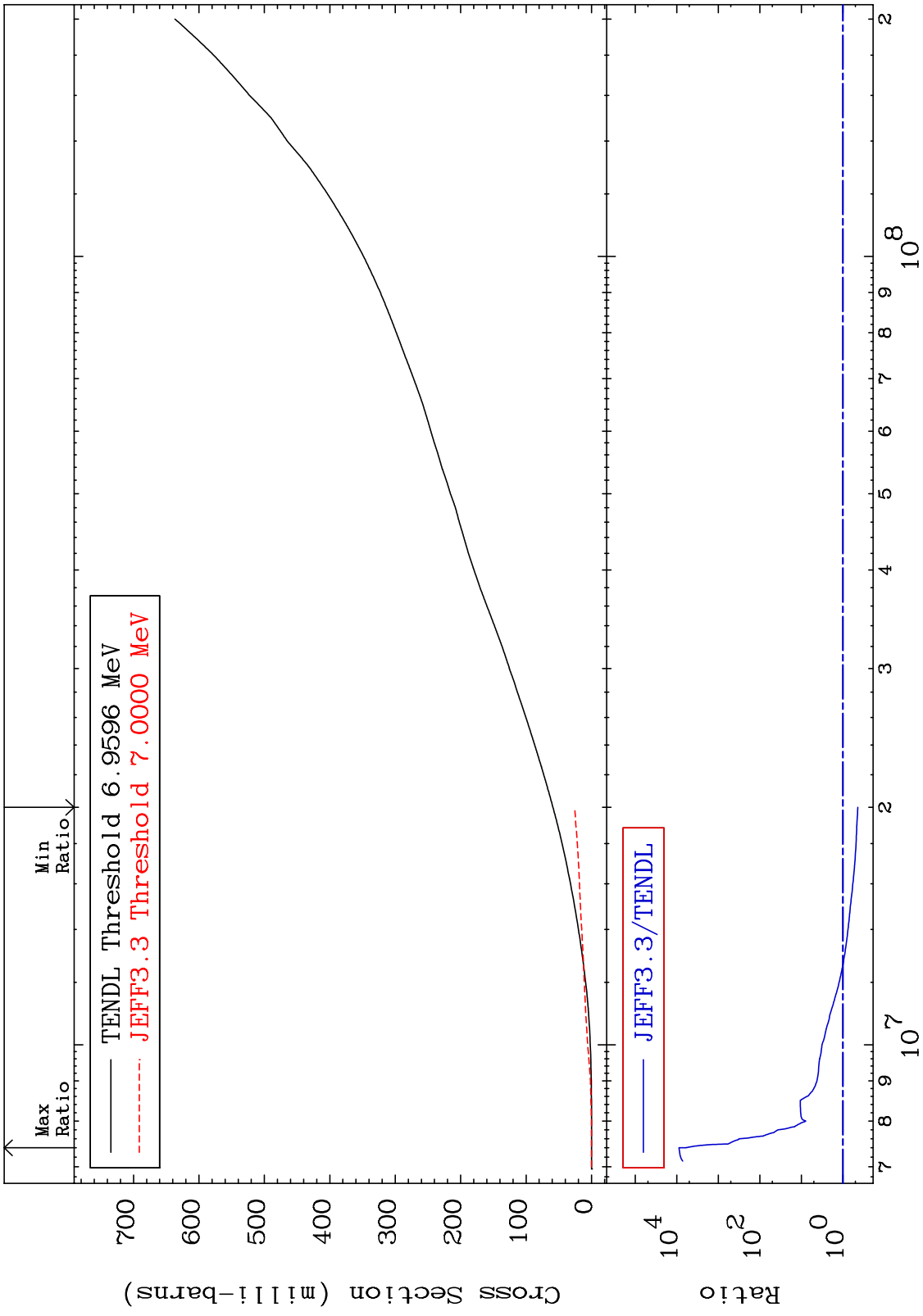




MAT 1837 (n,α) 18-Ar-40 -42.13 To 9999. %

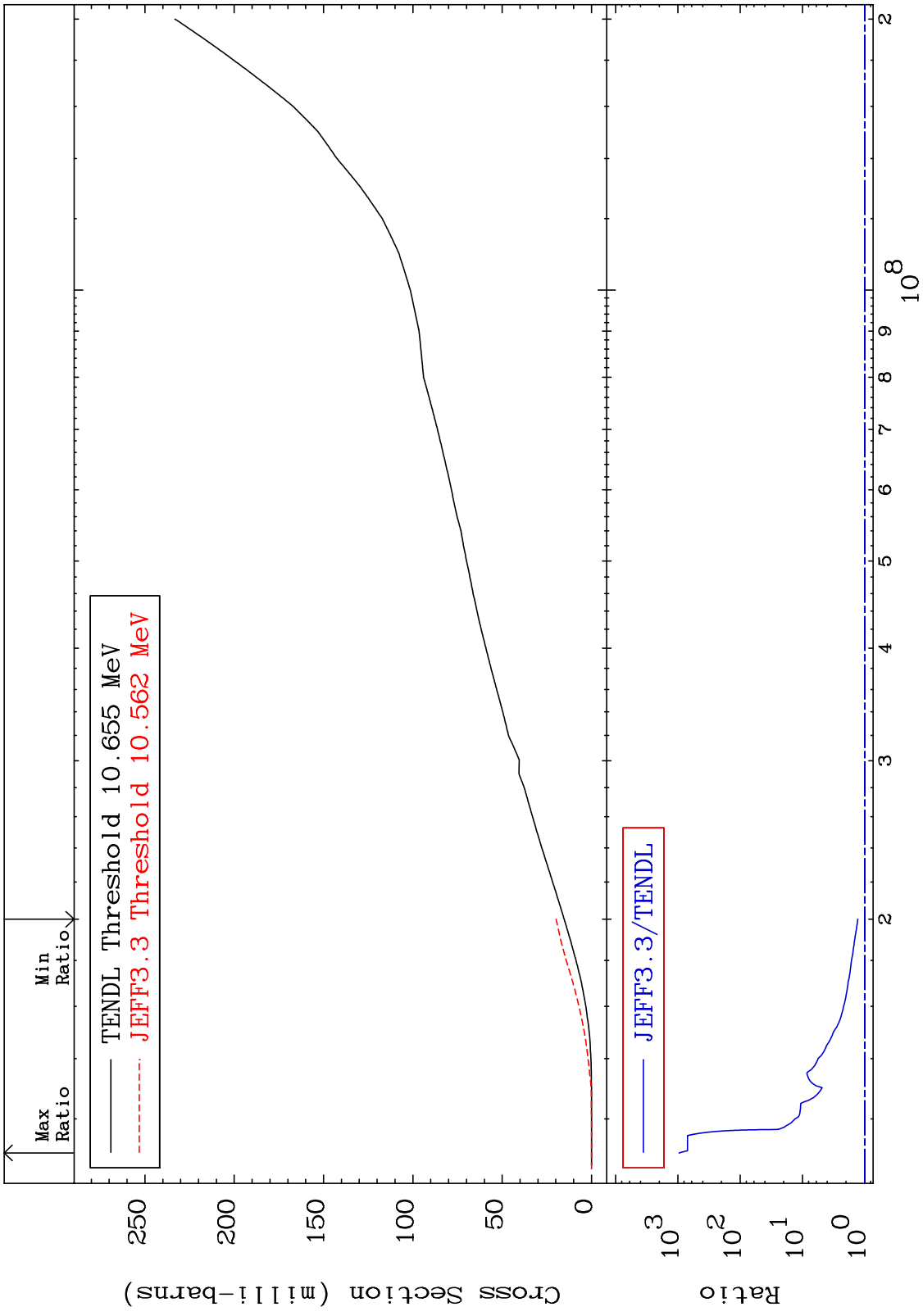


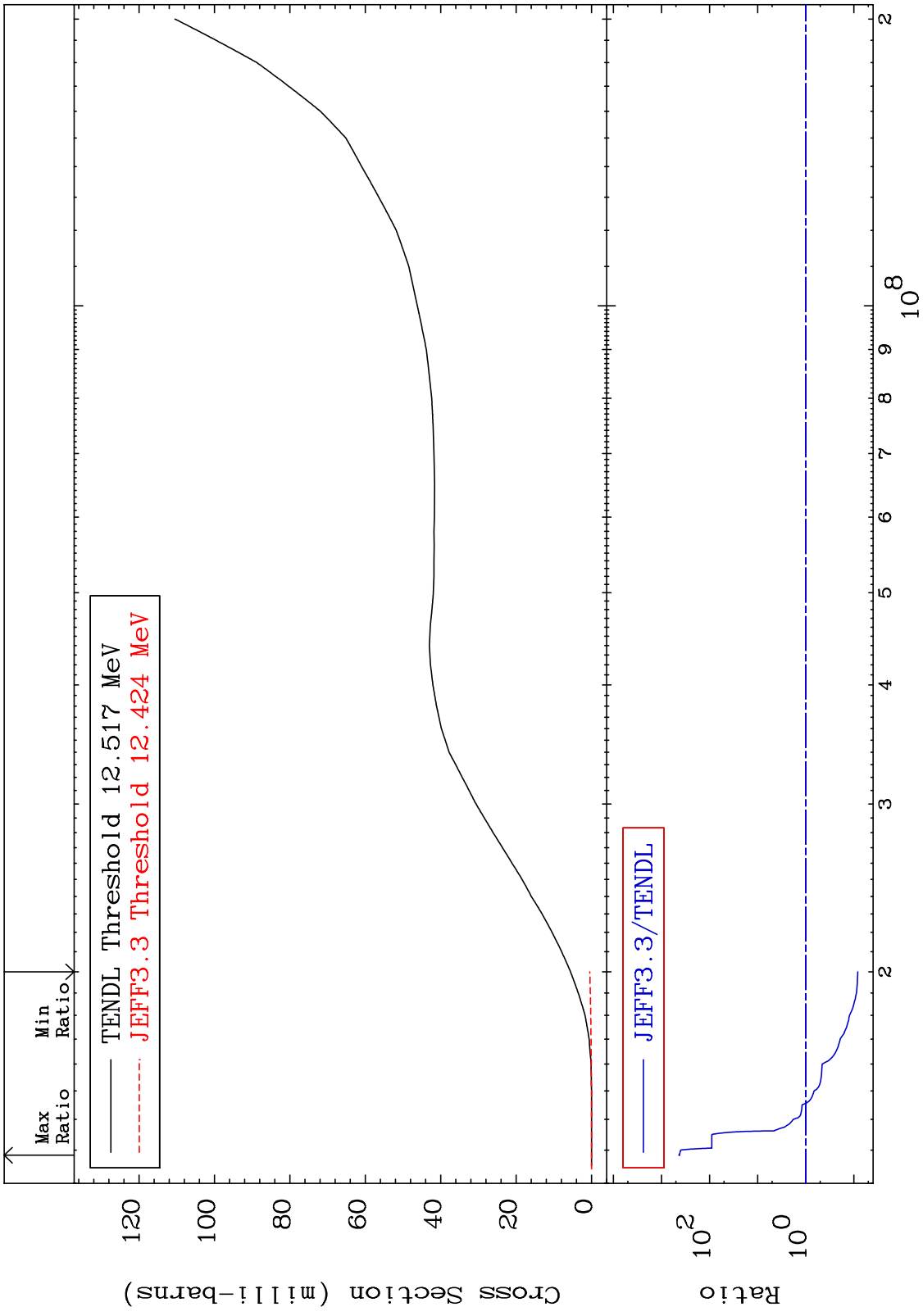
MAT 1837 Hydrogen Production Cross Section 18-Ar-40
 -56.49 To 9999. %



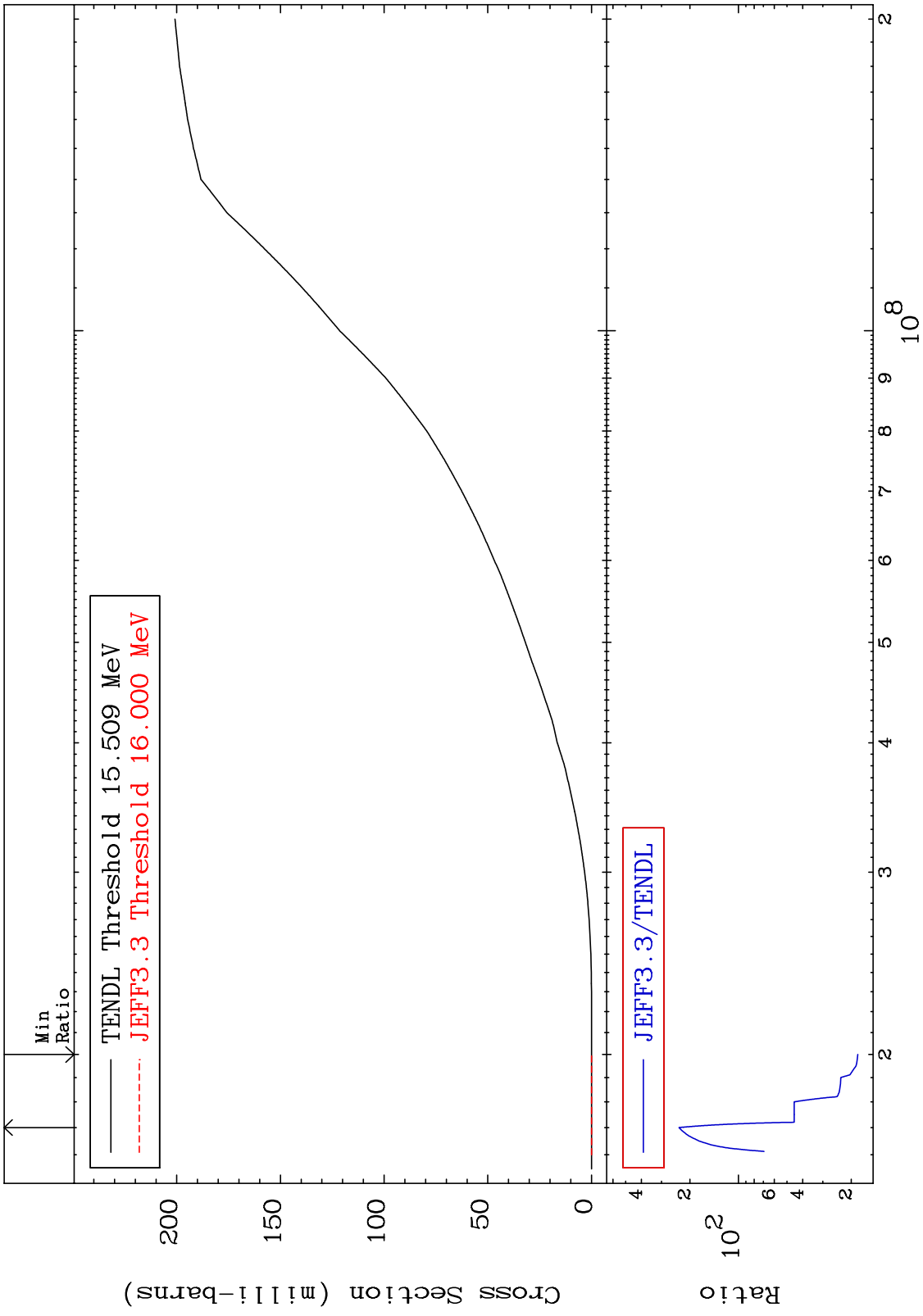
40 18-Ar-40

MAT 1837 Deuterium Production Cross Section 18-Ar-40 29.04 To 9999. %

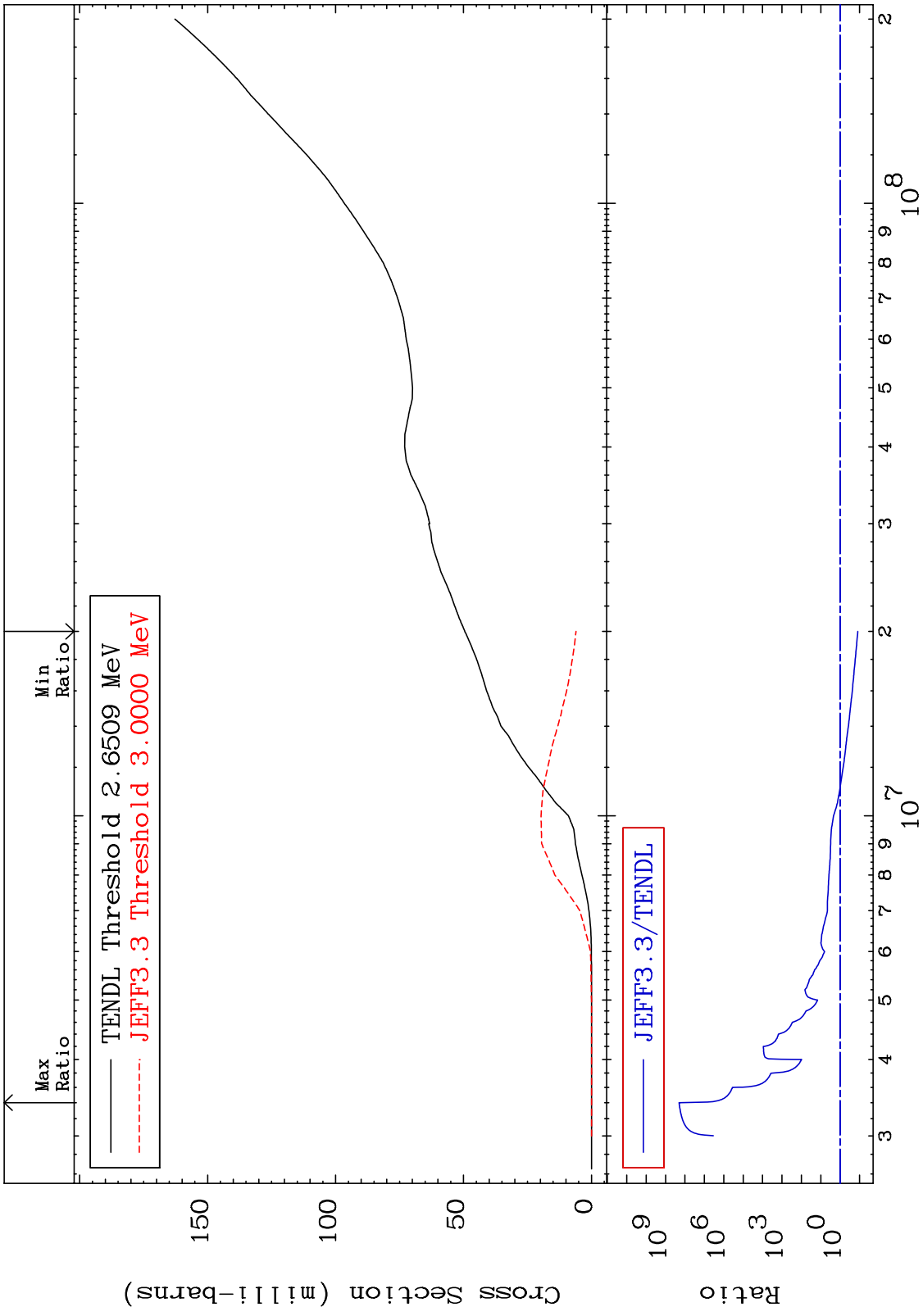




MAT 1837 He-3 Production Cross Section 18-Ar-40 1720. To 9999. %



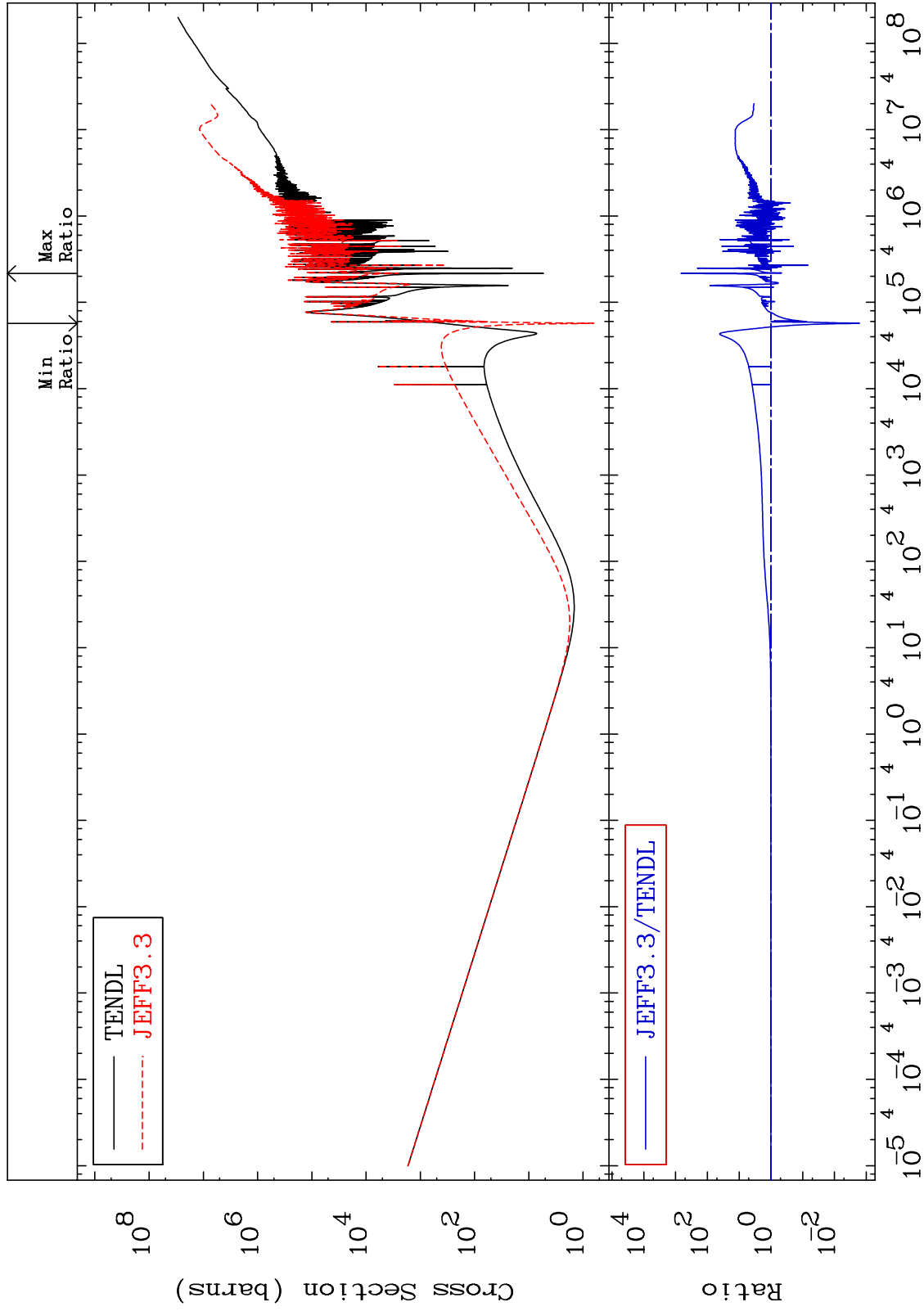
MAT 1837 He-4 Production Cross Section 18-Ar-40
 -87.76 To 9999. %



MAT 1837

Kerma total (eV-barns)
Cross Section

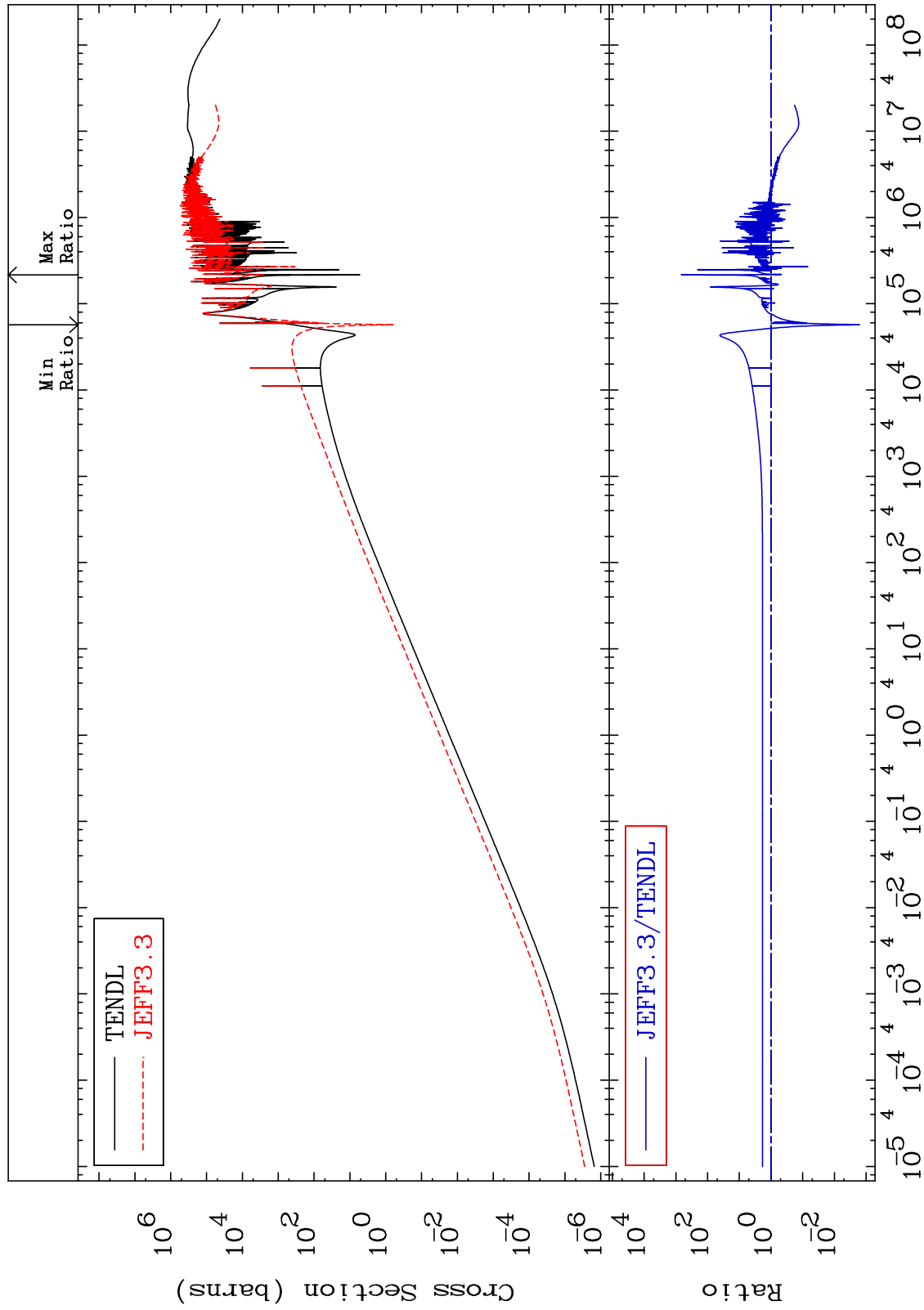
18-Ar-40
-99.84 To 9999. %



MAT 1837

Kerma elastic
Cross Section

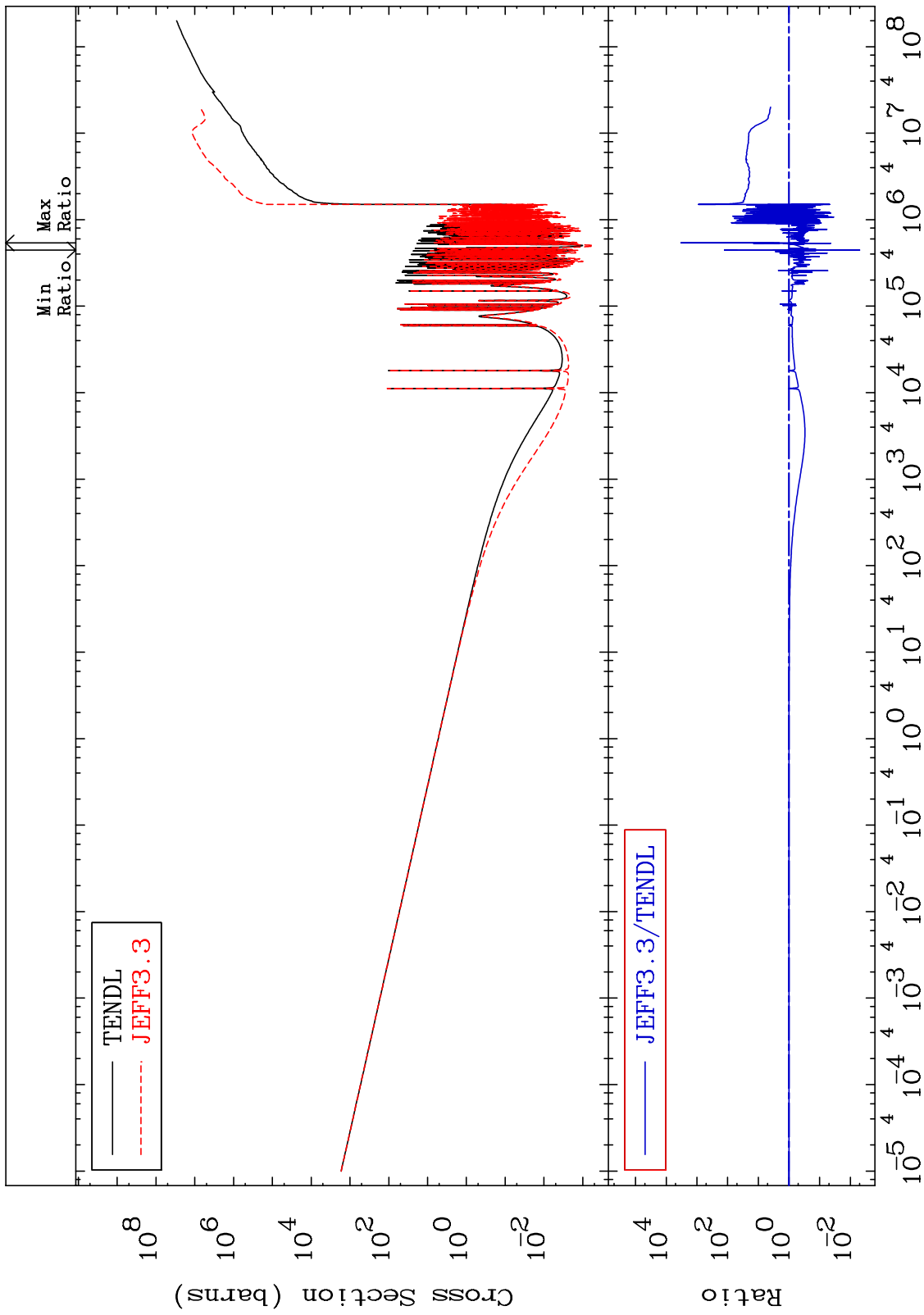
18-Ar-40
-99.84 To 9999. %

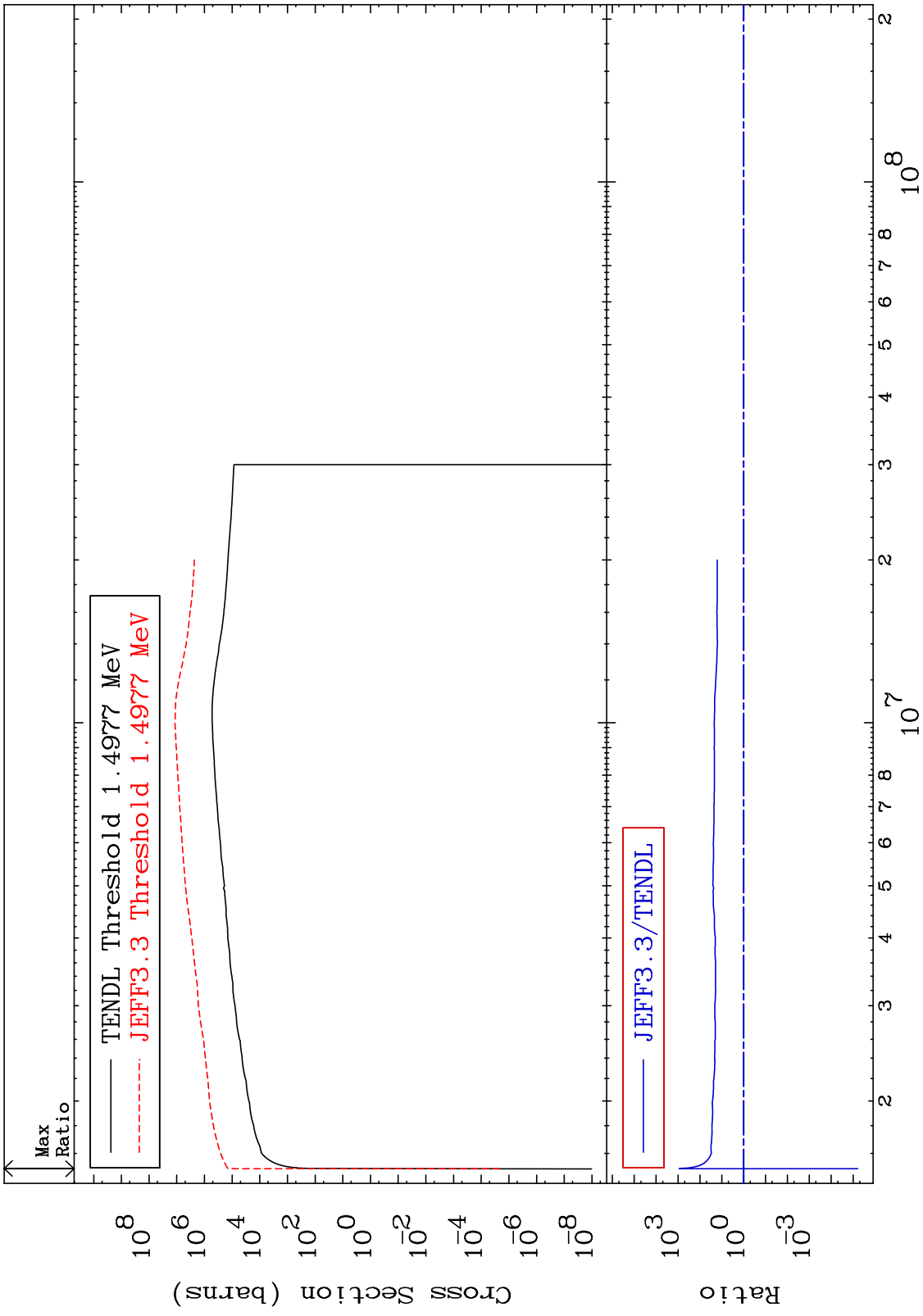


MAT 1837

Kerma non-elastic (all but mt2)
Cross Section

18-Ar-40
-99.50 To 9999. %

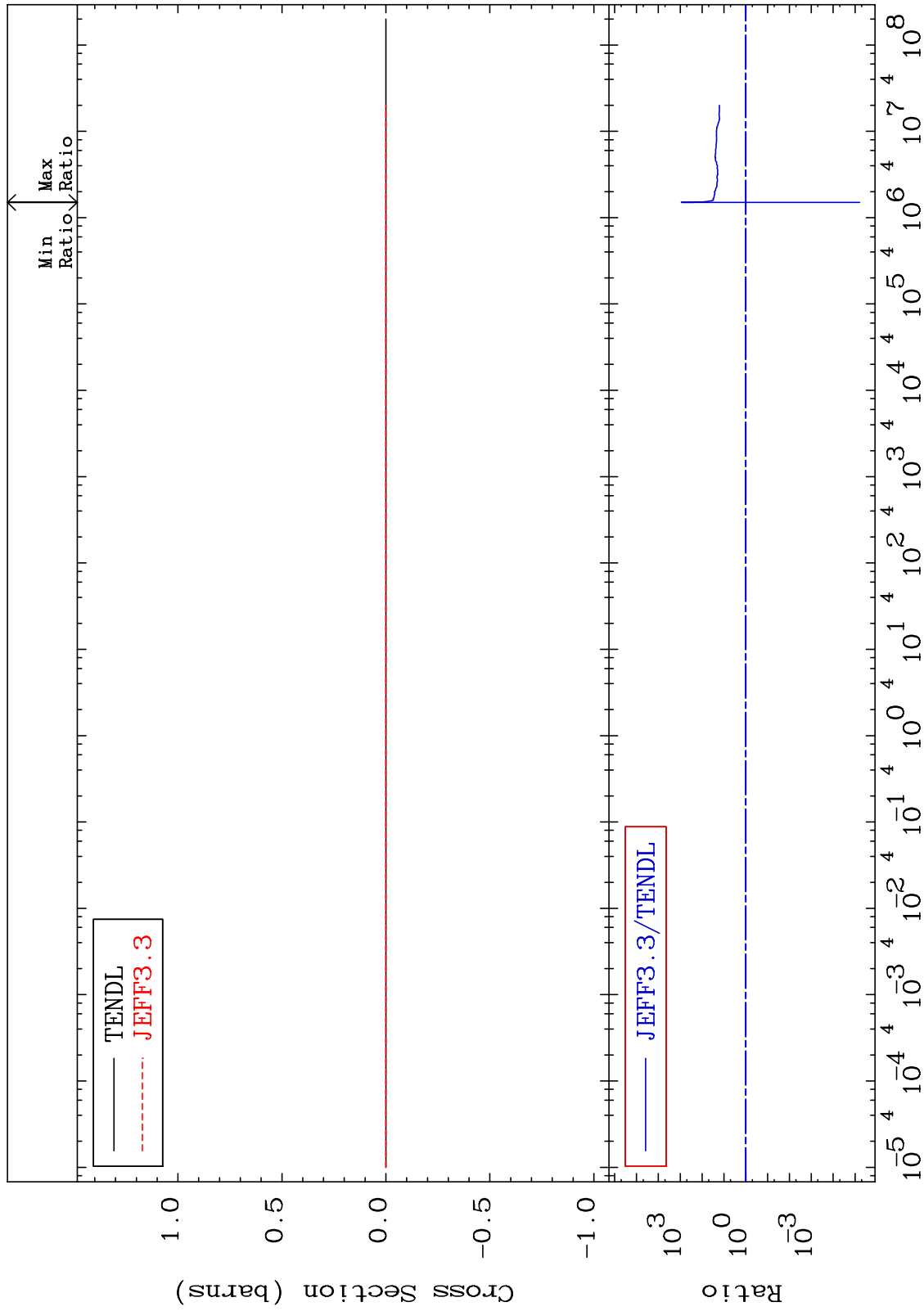




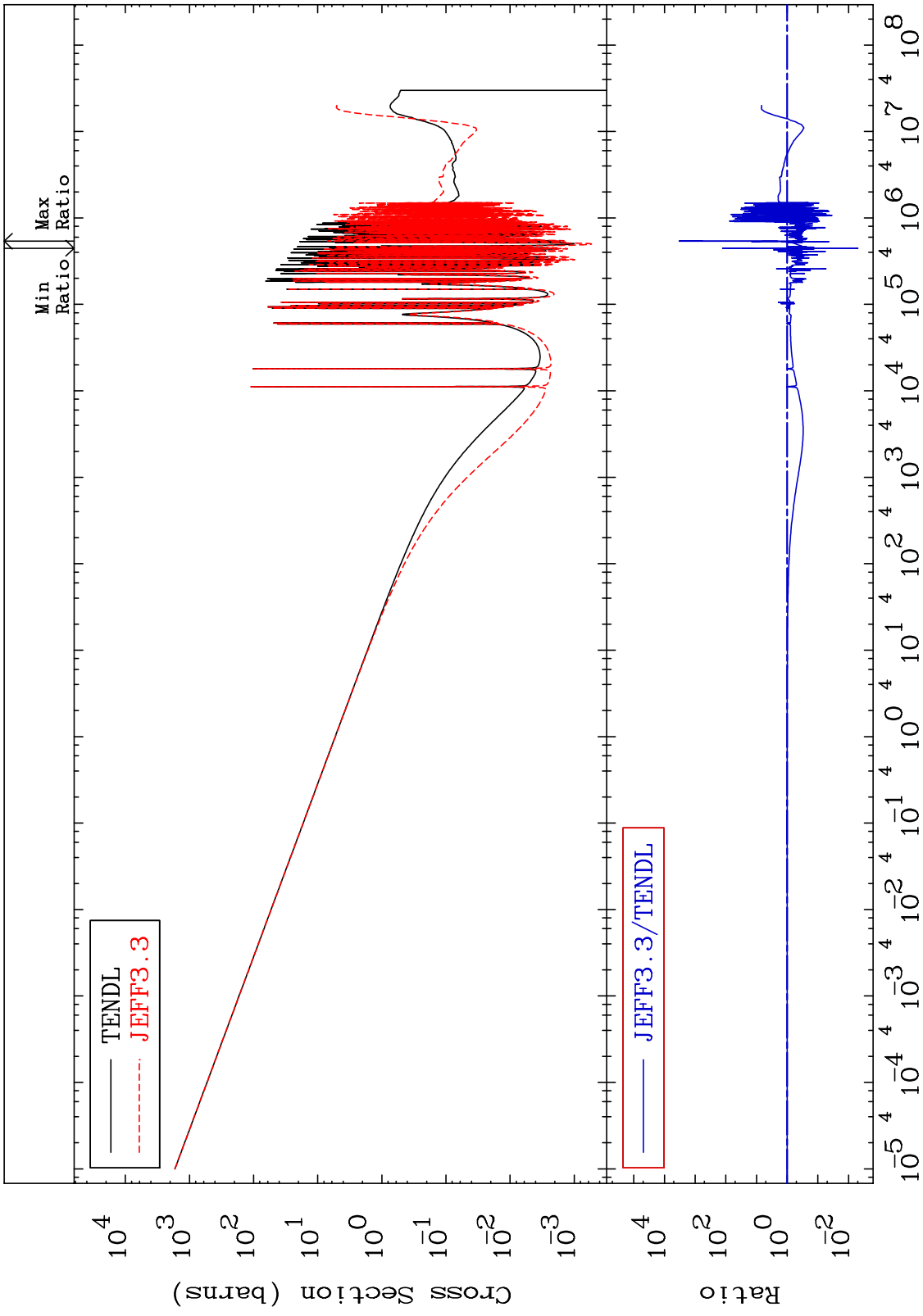
MAT 1837

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

18-Ar-40
-100.0 To 9999. %



MAT 1837
Kerma capture (mt102)
Cross Section
18-Ar-40
-99.50 To 9999. %

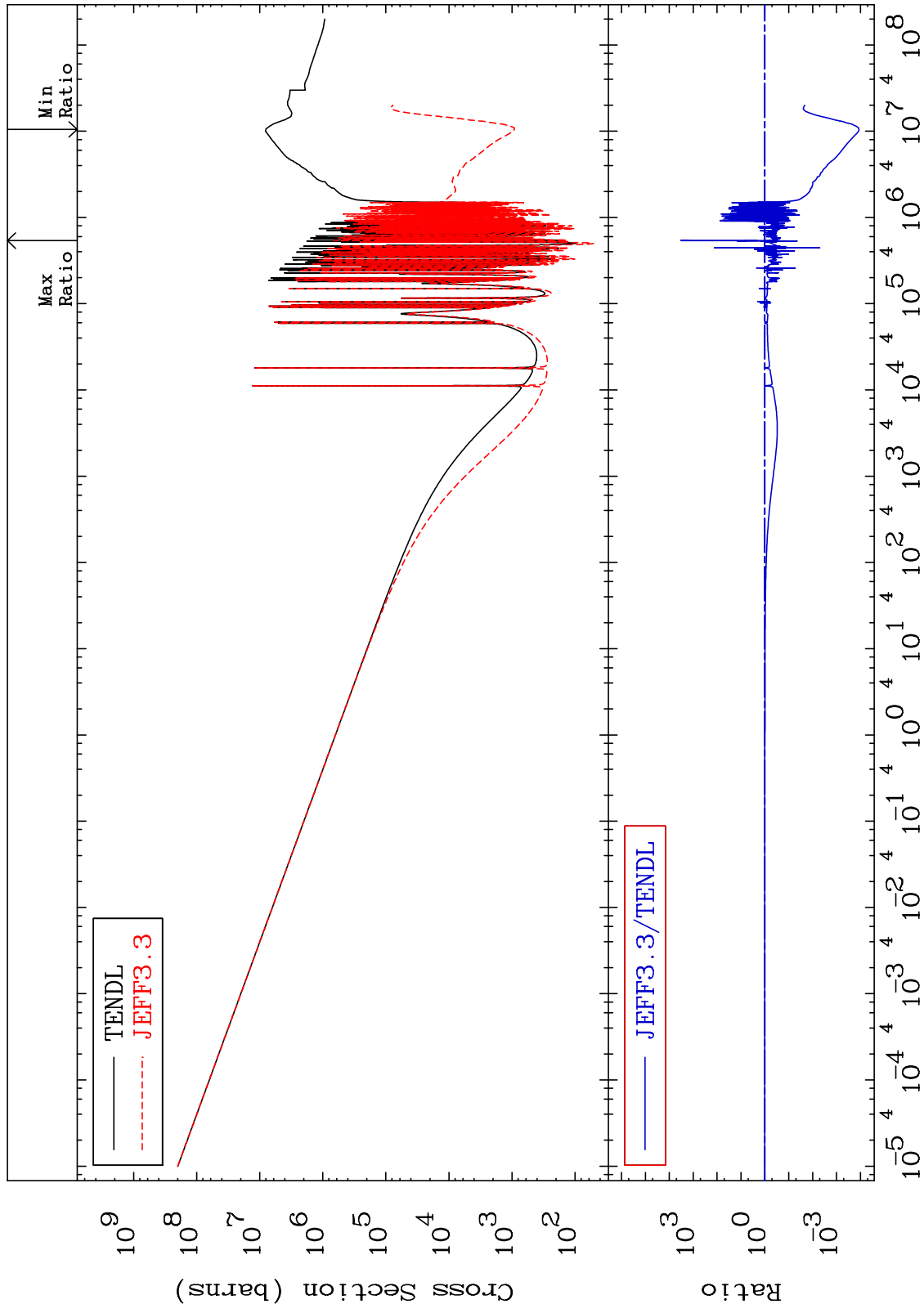


50
18-Ar-40

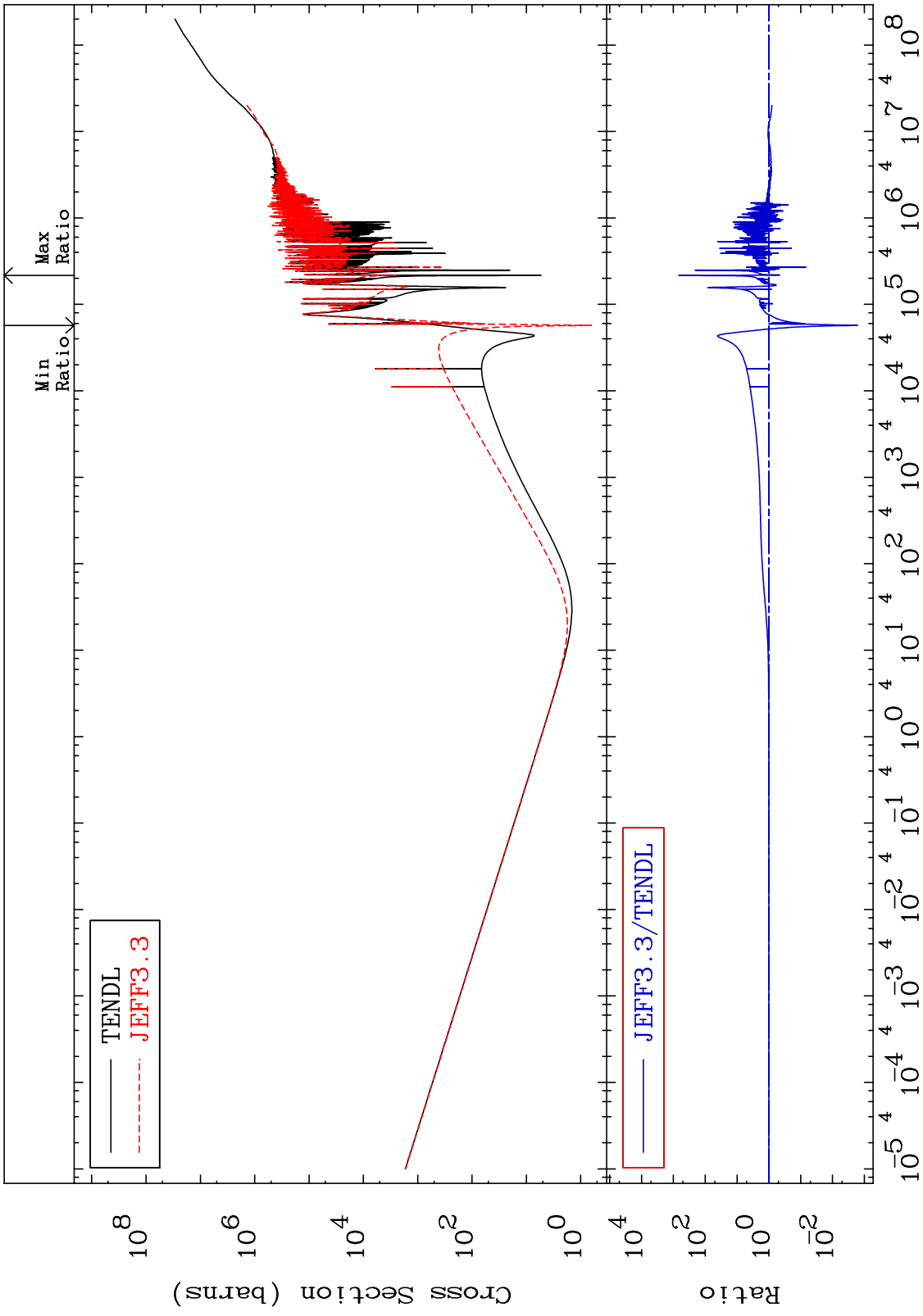
MAT 1837

Total photon (eV-barns)
Cross Section

18-Ar-40
-99.99 To 9999. %



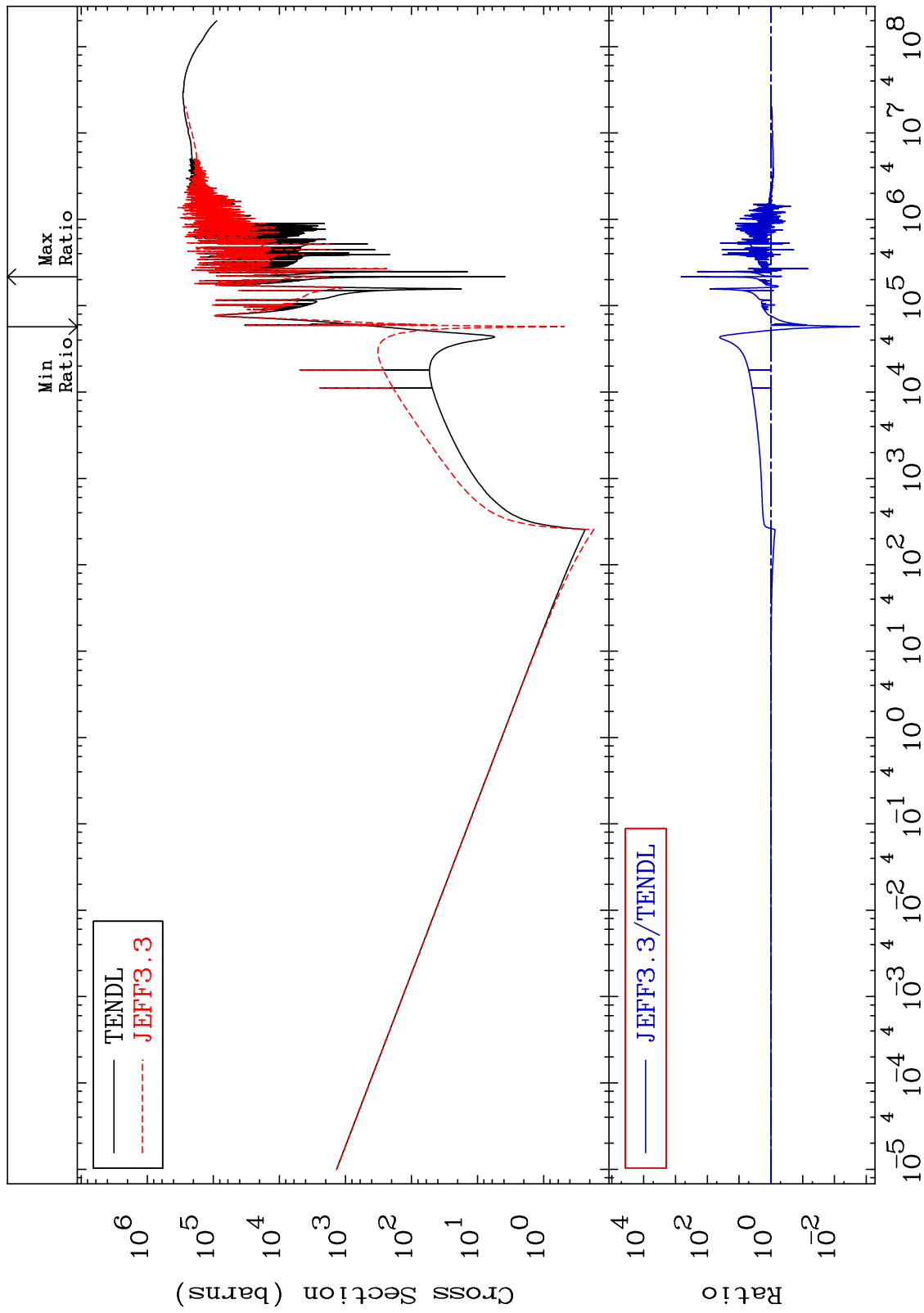
MAT 1837 Total kinematic kerma (high limit) 18-Ar-40
 Cross Section -99.84 To 9999. %



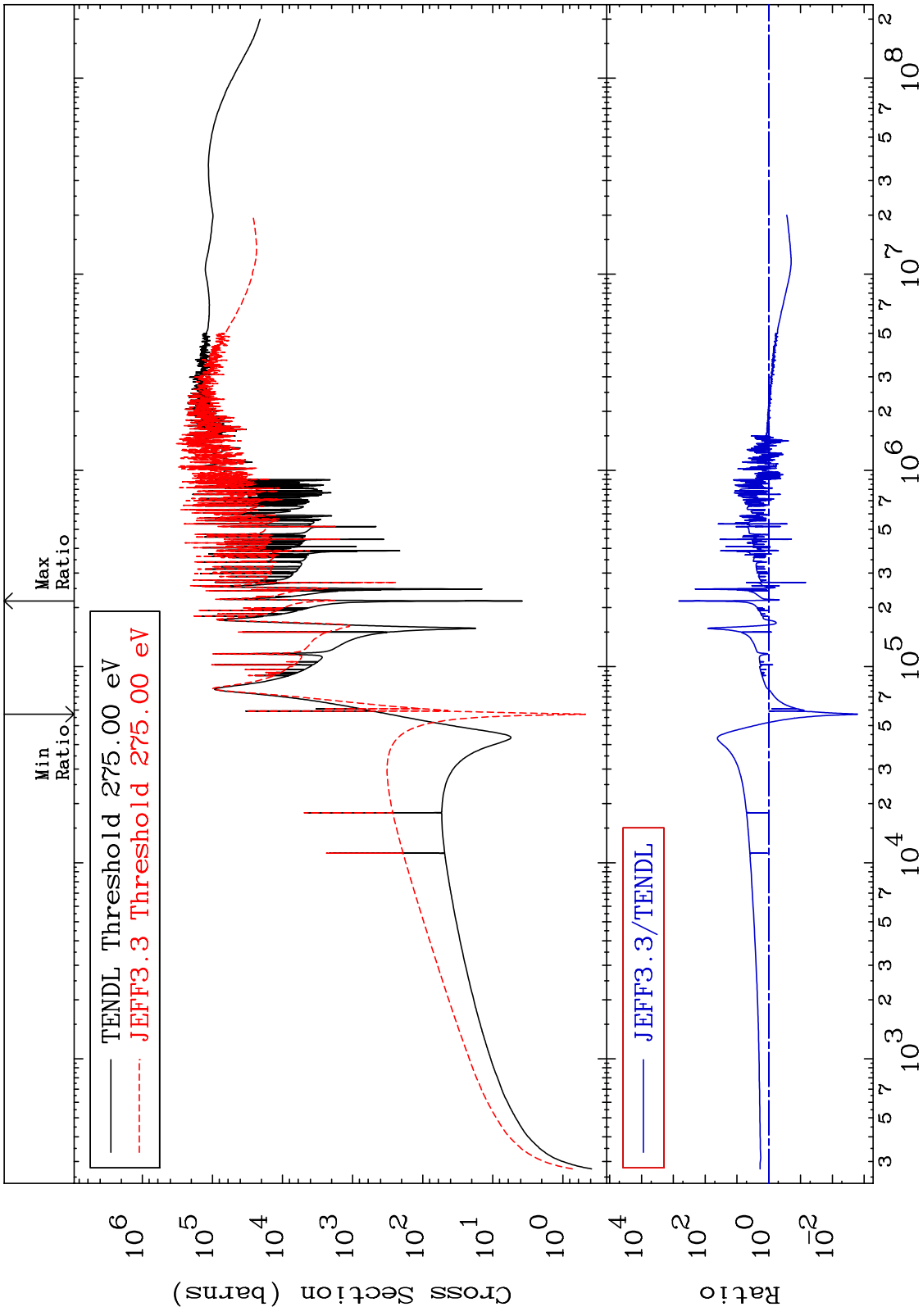
MAT 1837

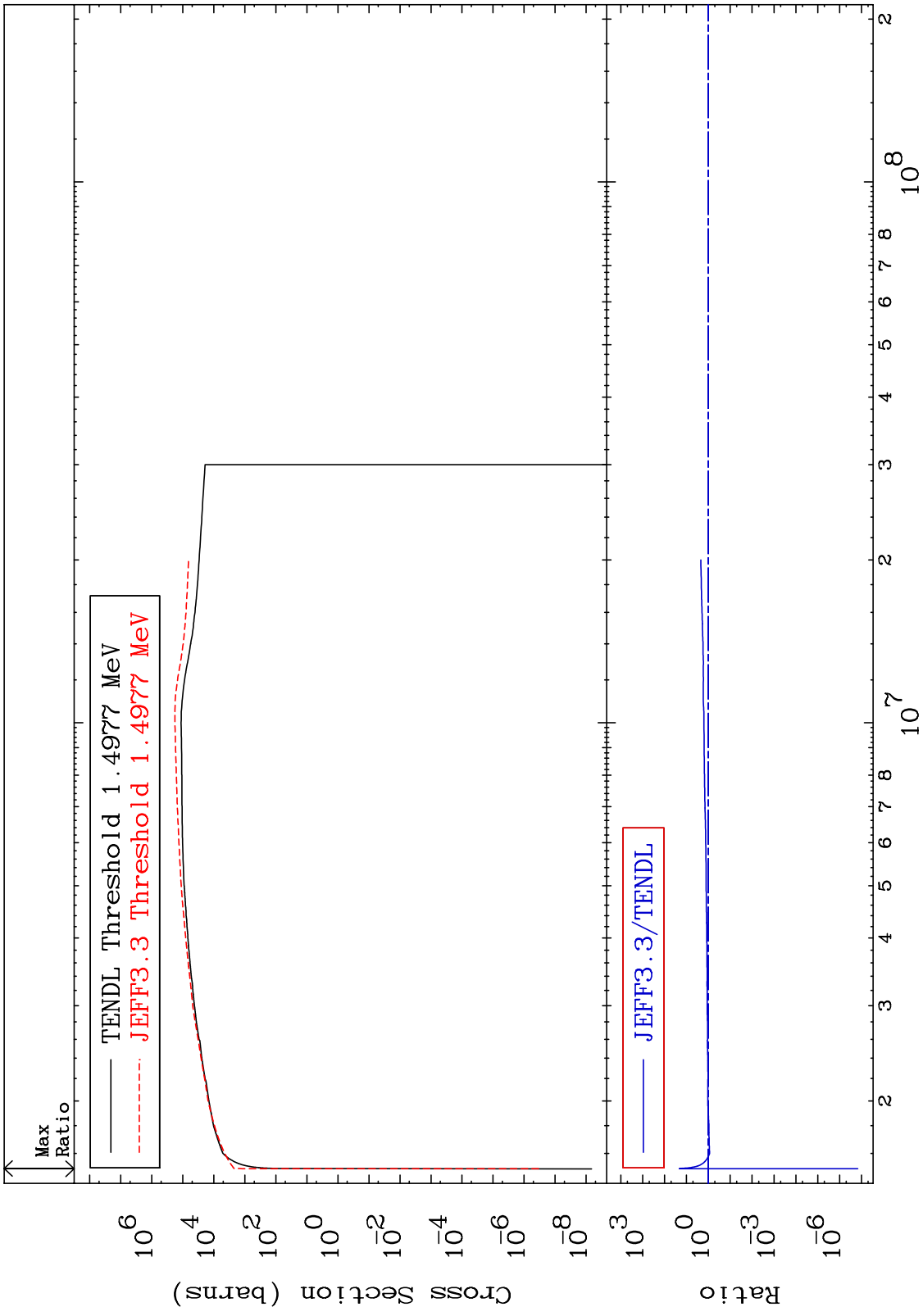
Dpa total (eV-barns)
Cross Section

18-Ar-40
-99.84 To 9999. %



MAT 1837 Dpa elastic (mt2) 18-Ar-40
 Cross Section -99.84 To 9999. %





MAT 1837 Dpa disappearance (mt102 -120) 18-Ar-40
 Cross Section -99.50 To 9999. %

