

Program Complot
(Version 2018-1)

by

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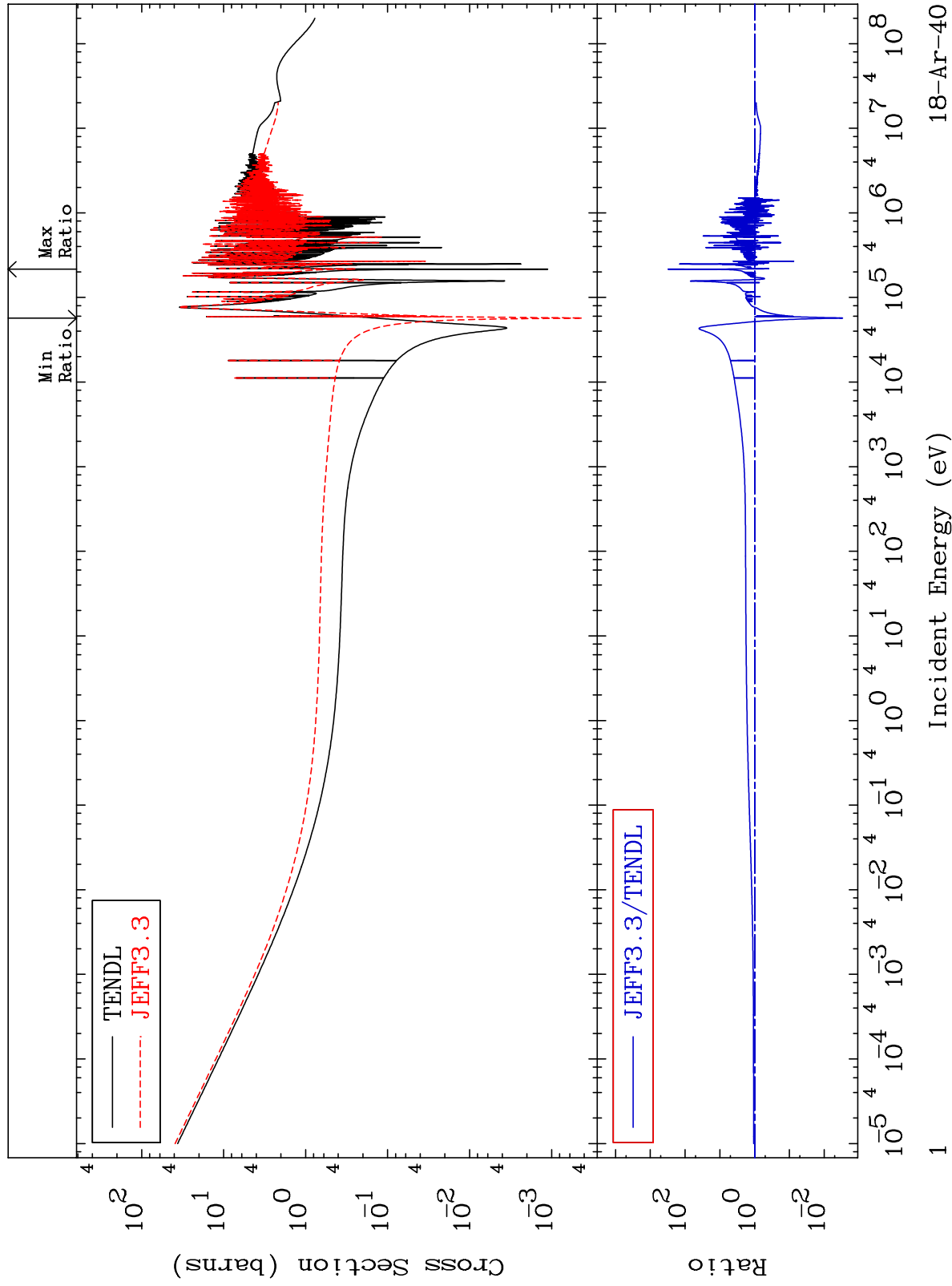
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1837

Total
Cross Section

18-Ar-40
-99.71 To 9999. %



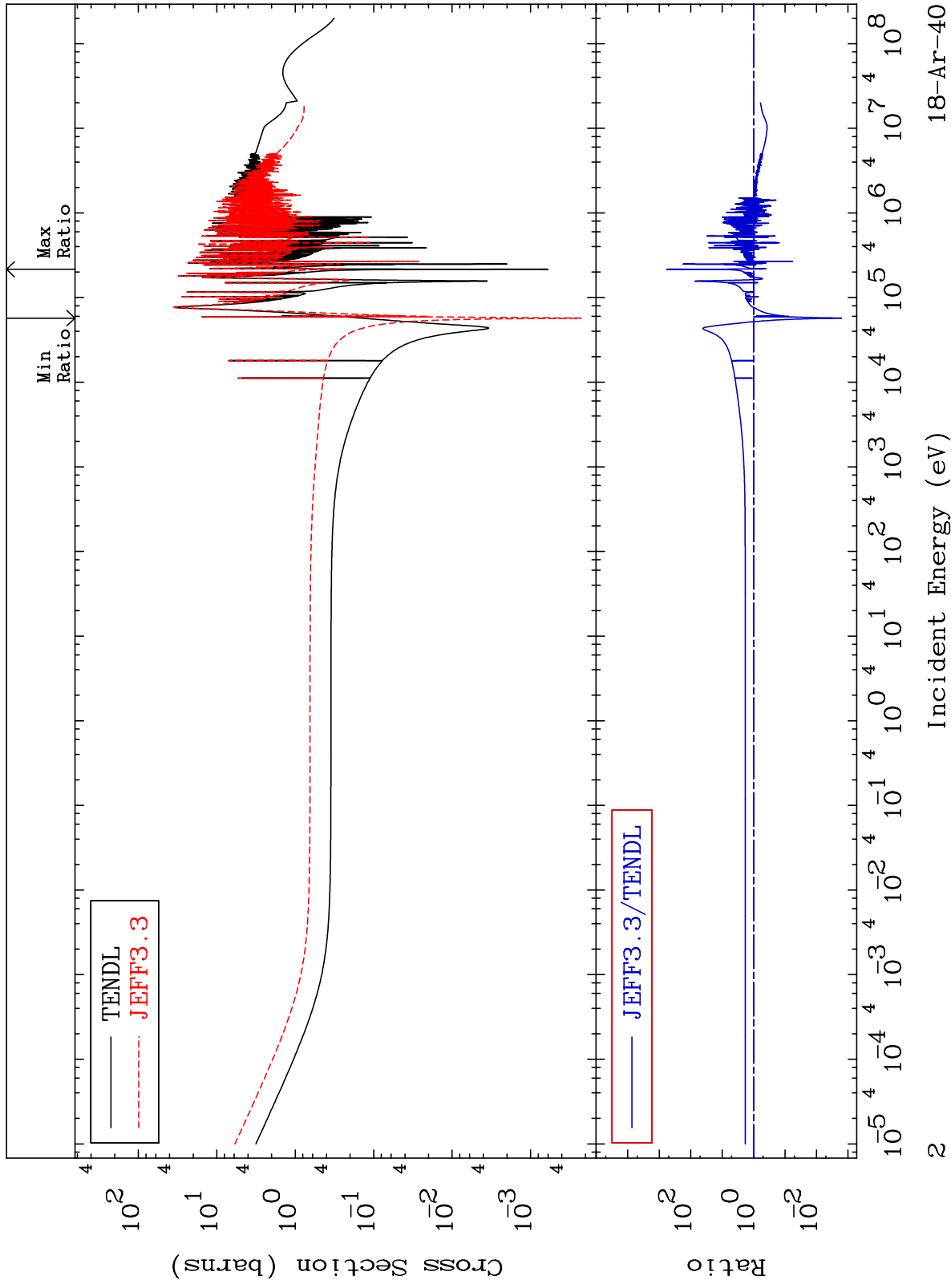
Incident Energy (eV)

18-Ar-40

MAT 1837

Elastic
Cross Section

18-Ar-40
-99.84 To 9999. %



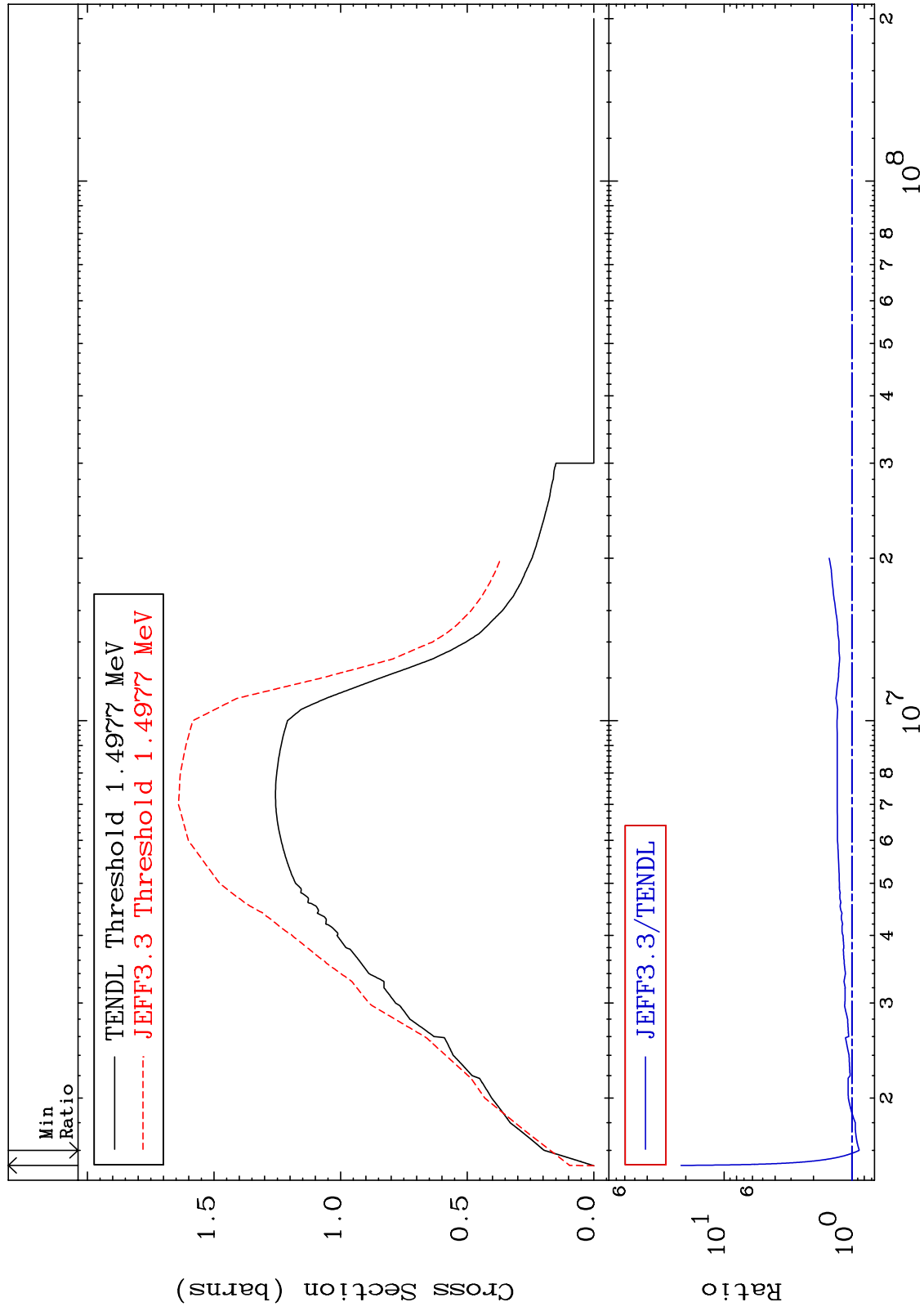
18-Ar-40

Incident Energy (eV)

MAT 1837

Inelastic
Cross Section

18-Ar-40
-12.40 To 2075. %



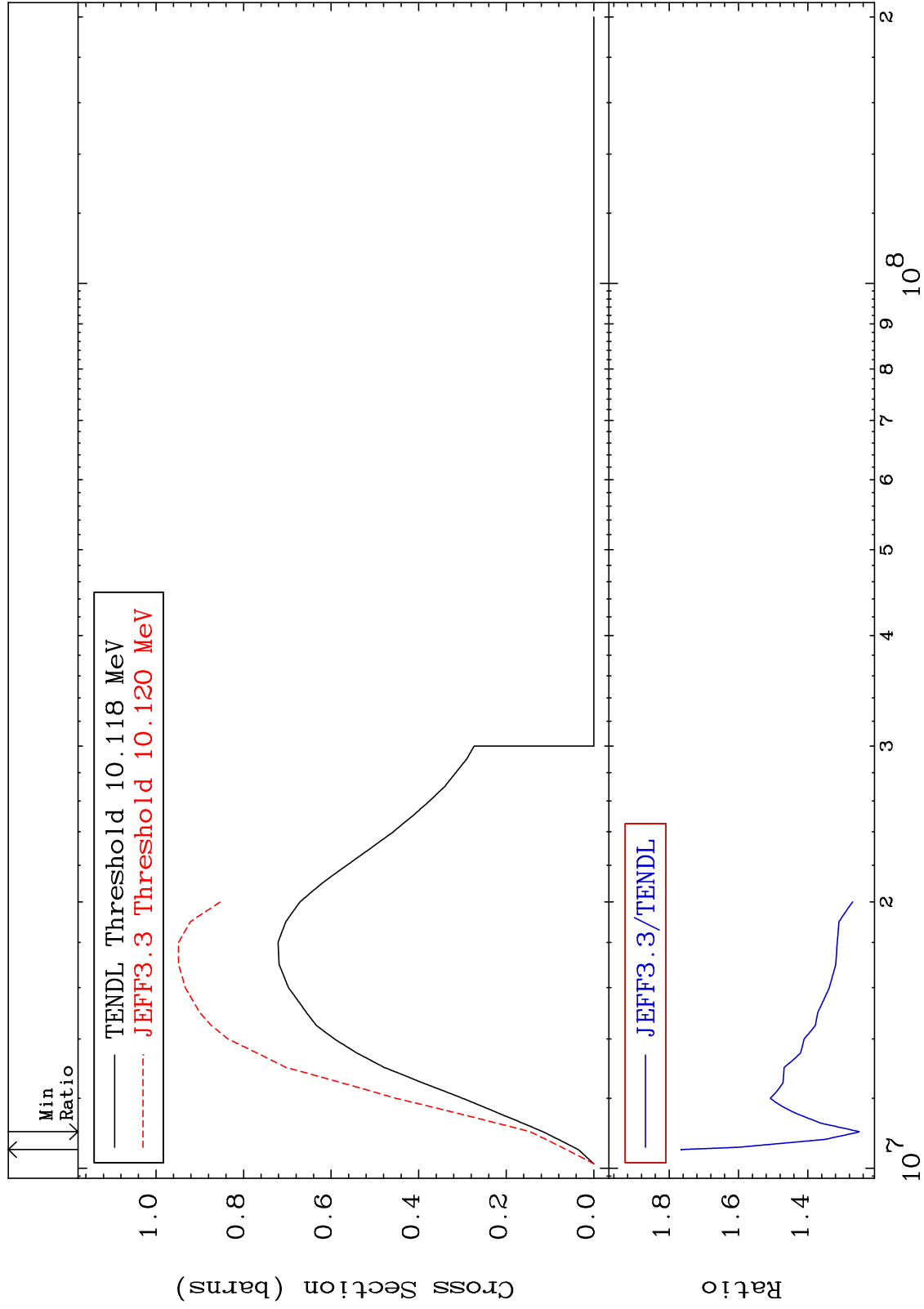
MAT 1837

(n,2n)

18-Ar-40

Cross Section

25.14 To 76.58 %



Incident Energy (eV)

18-Ar-40

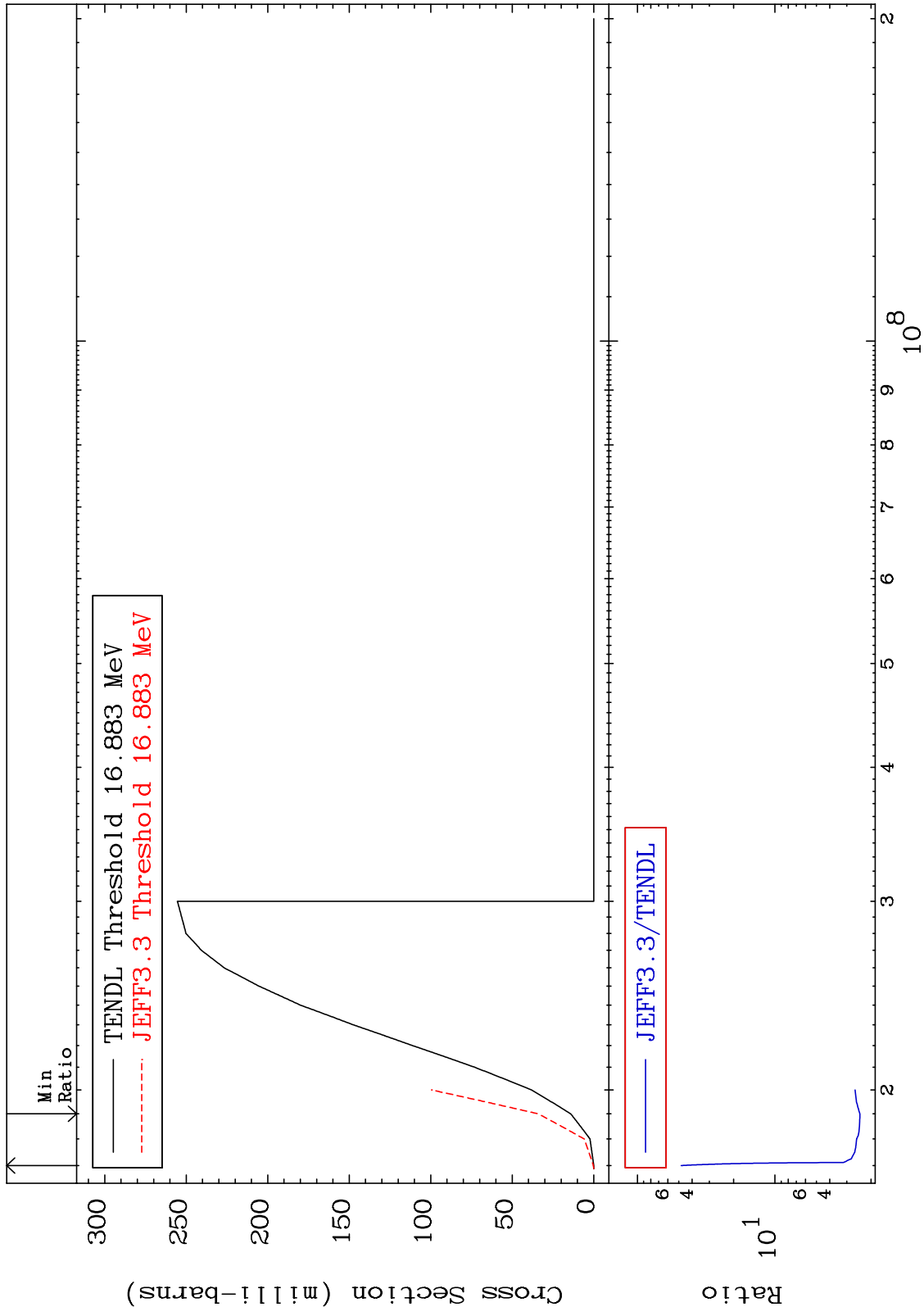
MAT 1837

(n,3n)

18-Ar-40

Cross Section

141.0 To 4699. %



5

Incident Energy (eV)

18-Ar-40

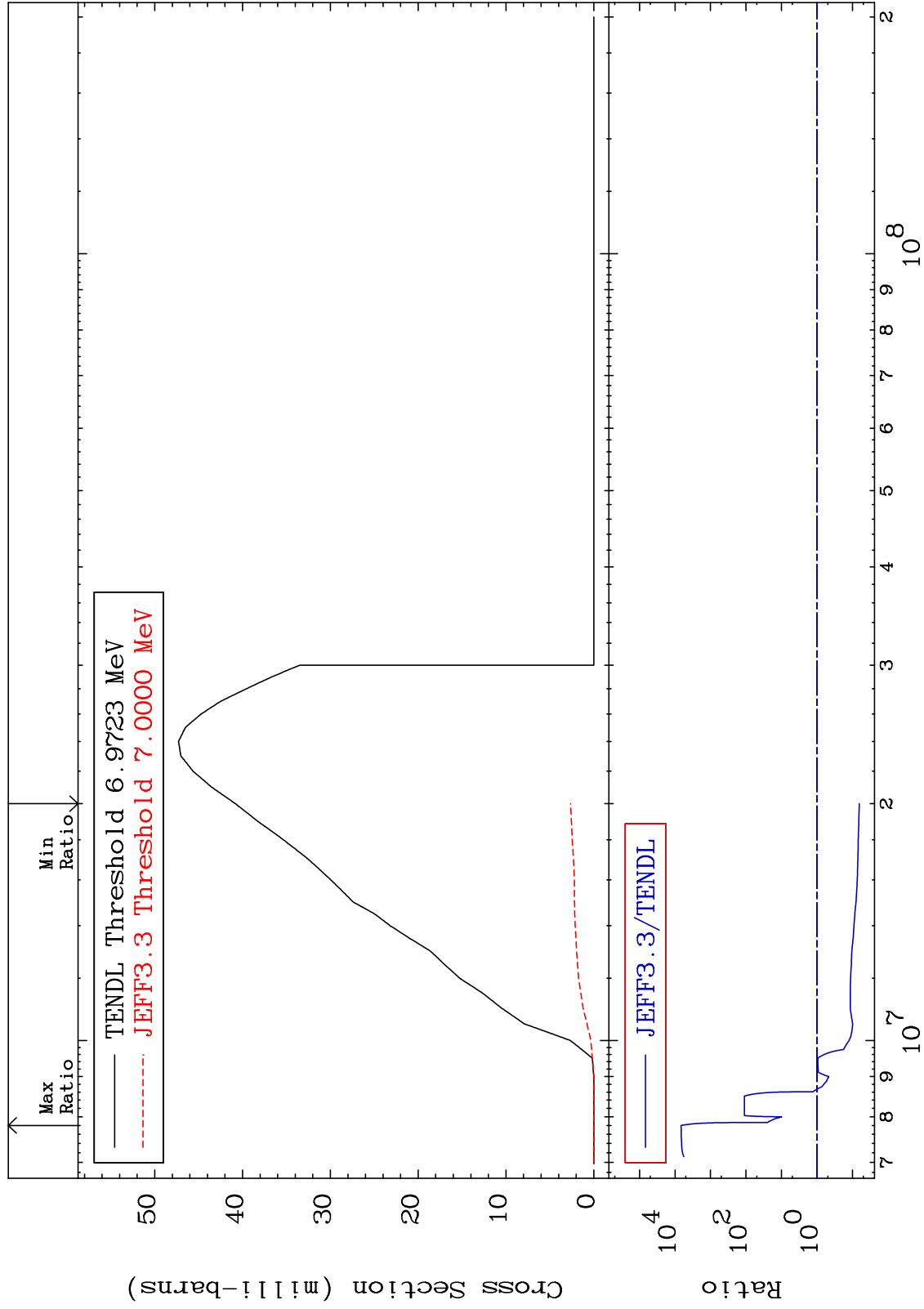
MAT 1837

(n,n') α

18-Ar-40

Cross Section

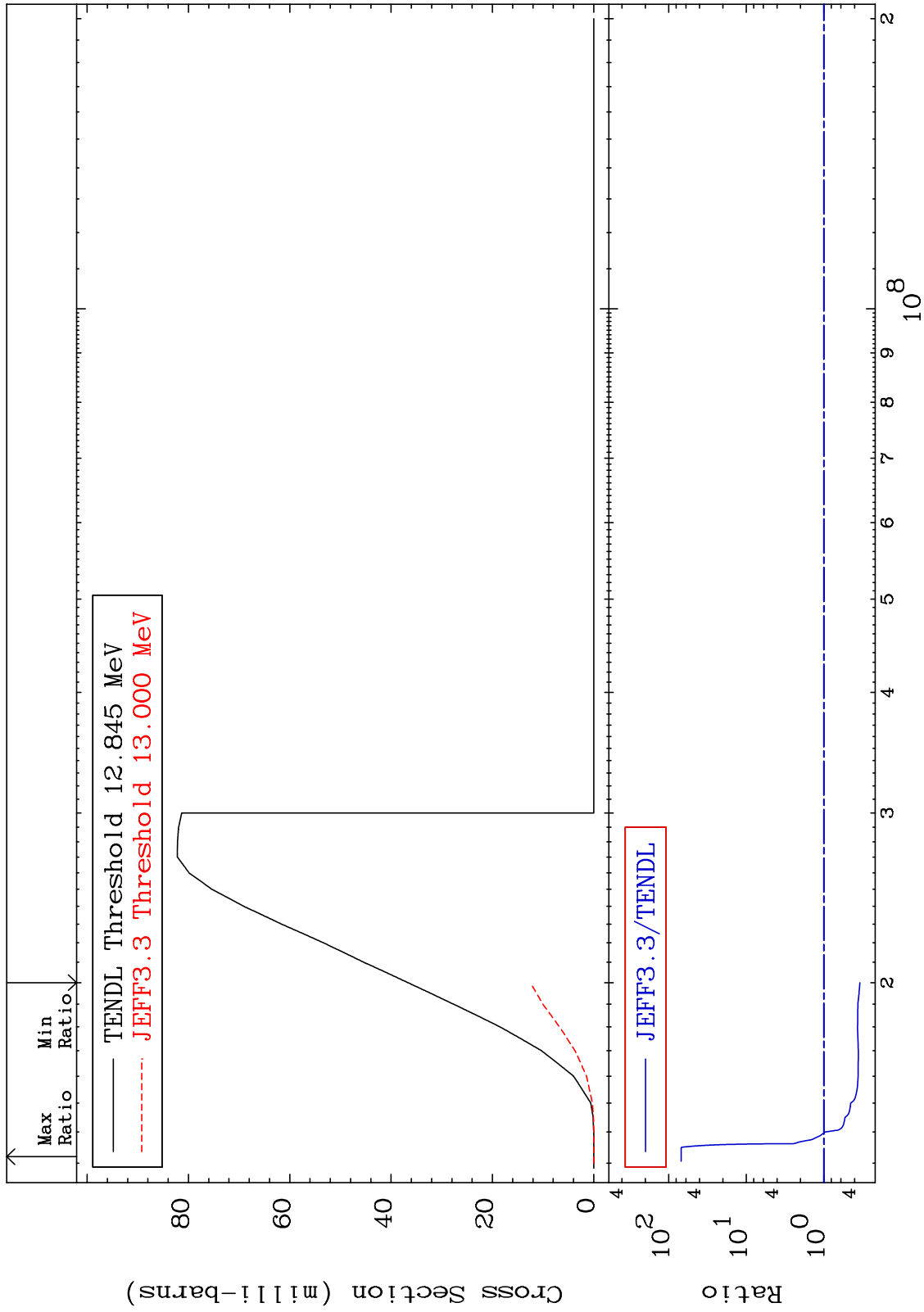
-93.52 To 9999. %



6

Incident Energy (eV)

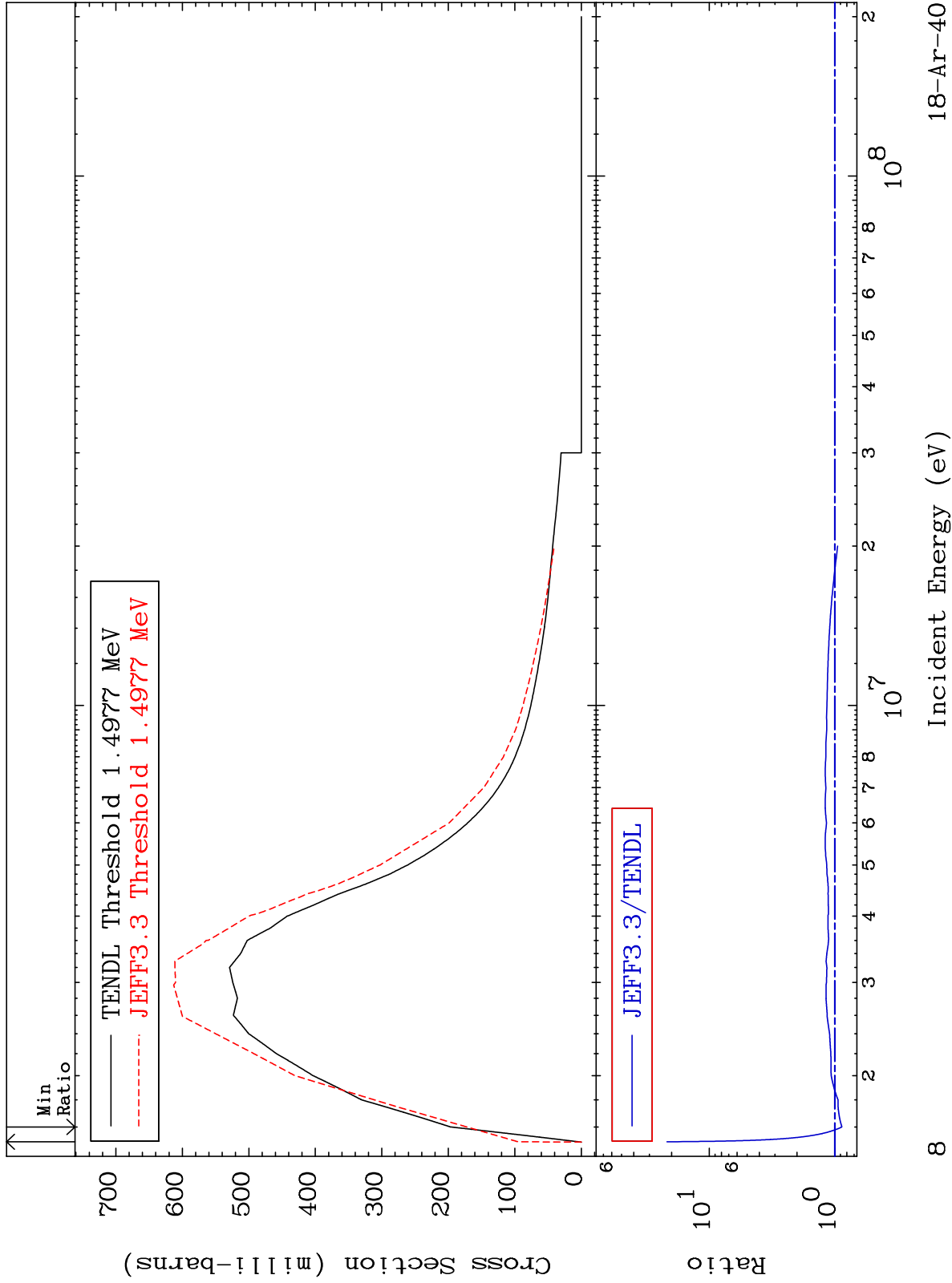
18-Ar-40



MAT 1837

MT= 51 (n,n') Level
Cross Section

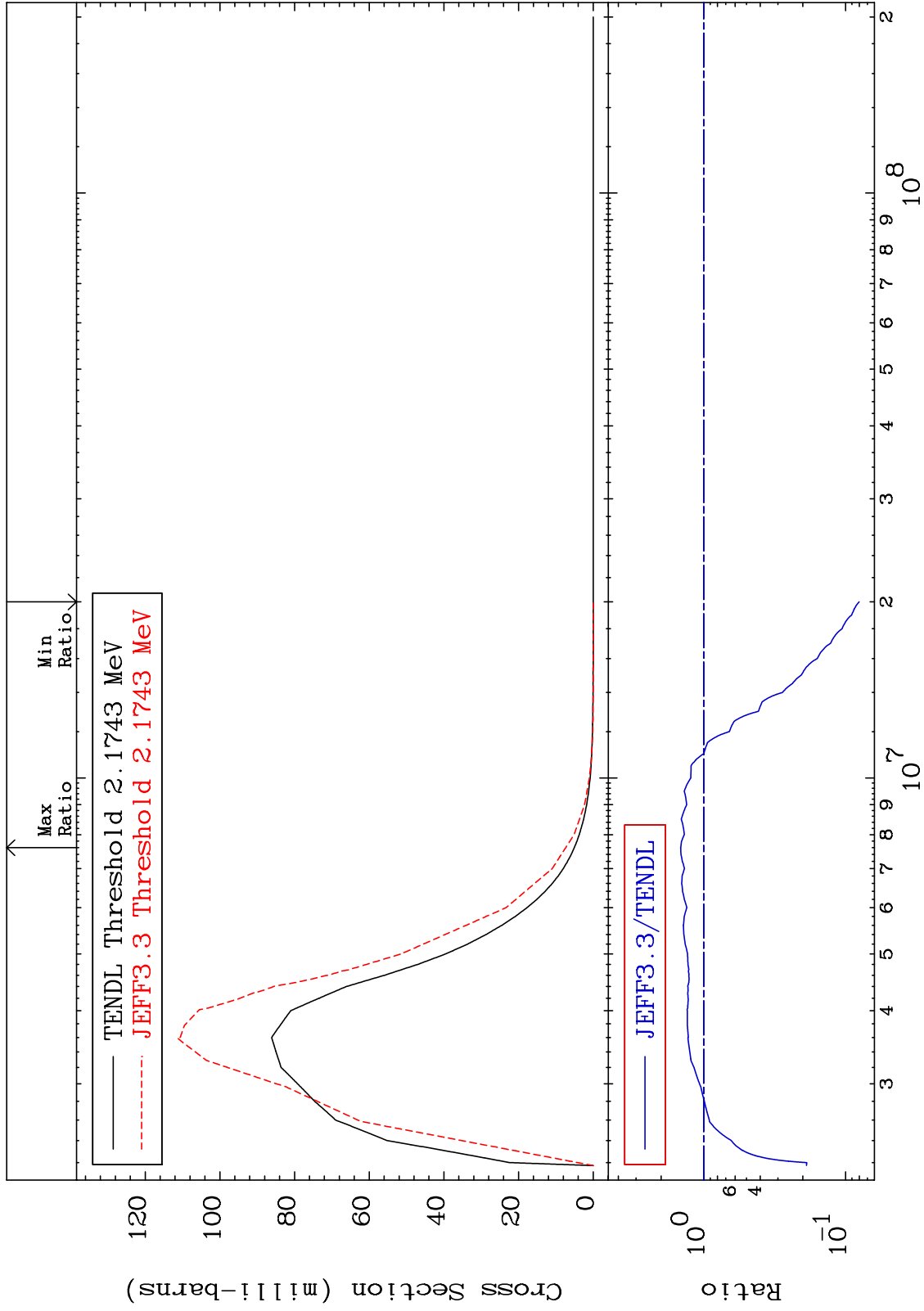
18-Ar-40
-12.40 To 2075. %



MAT 1837

MT= 52 (n,n') Level
Cross Section

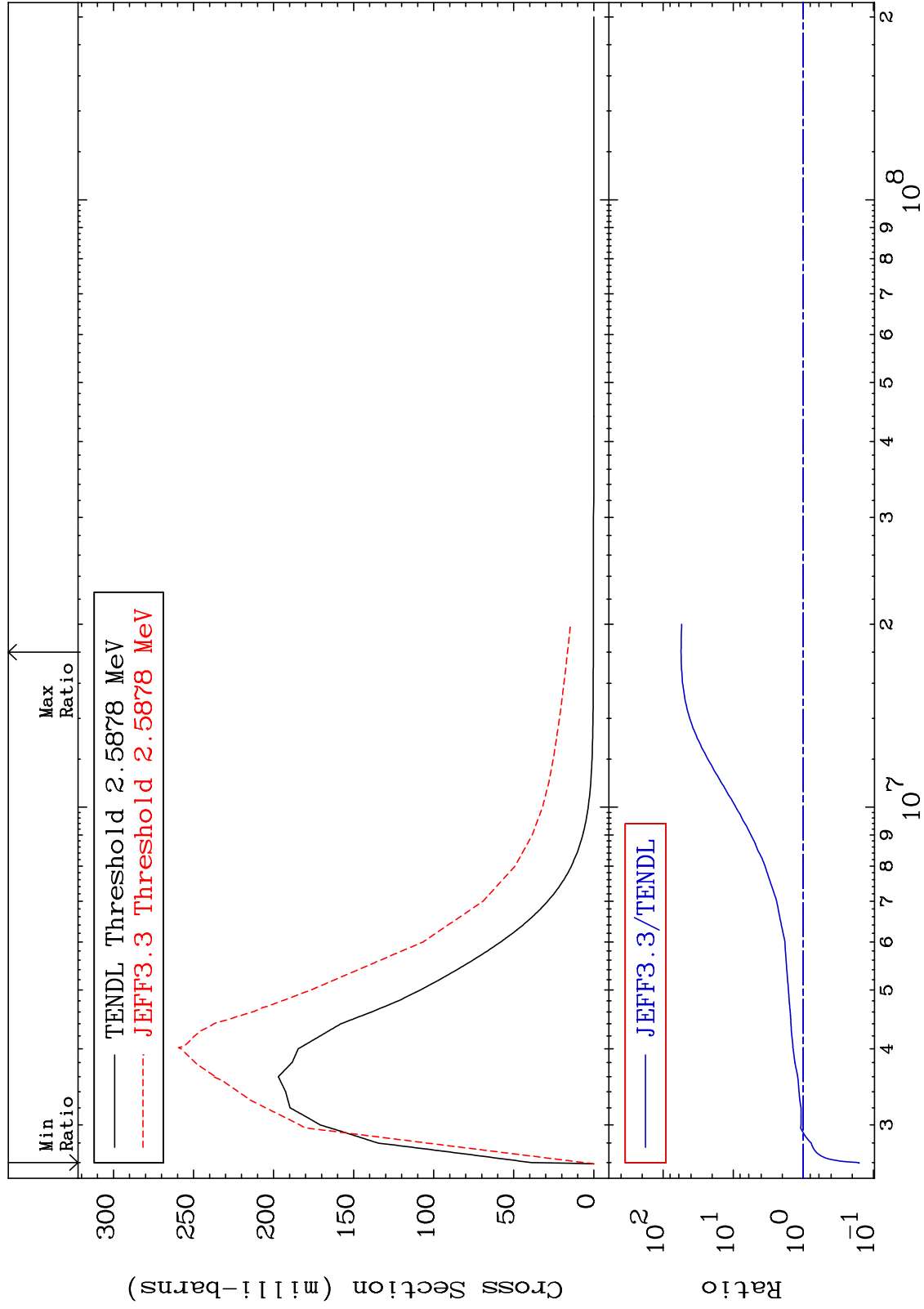
18-Ar-40
-91.99 To 45.57 %



MAT 1837

MT= 53 (n,n') Level
Cross Section

18-Ar-40
-84.10 To 5463. %

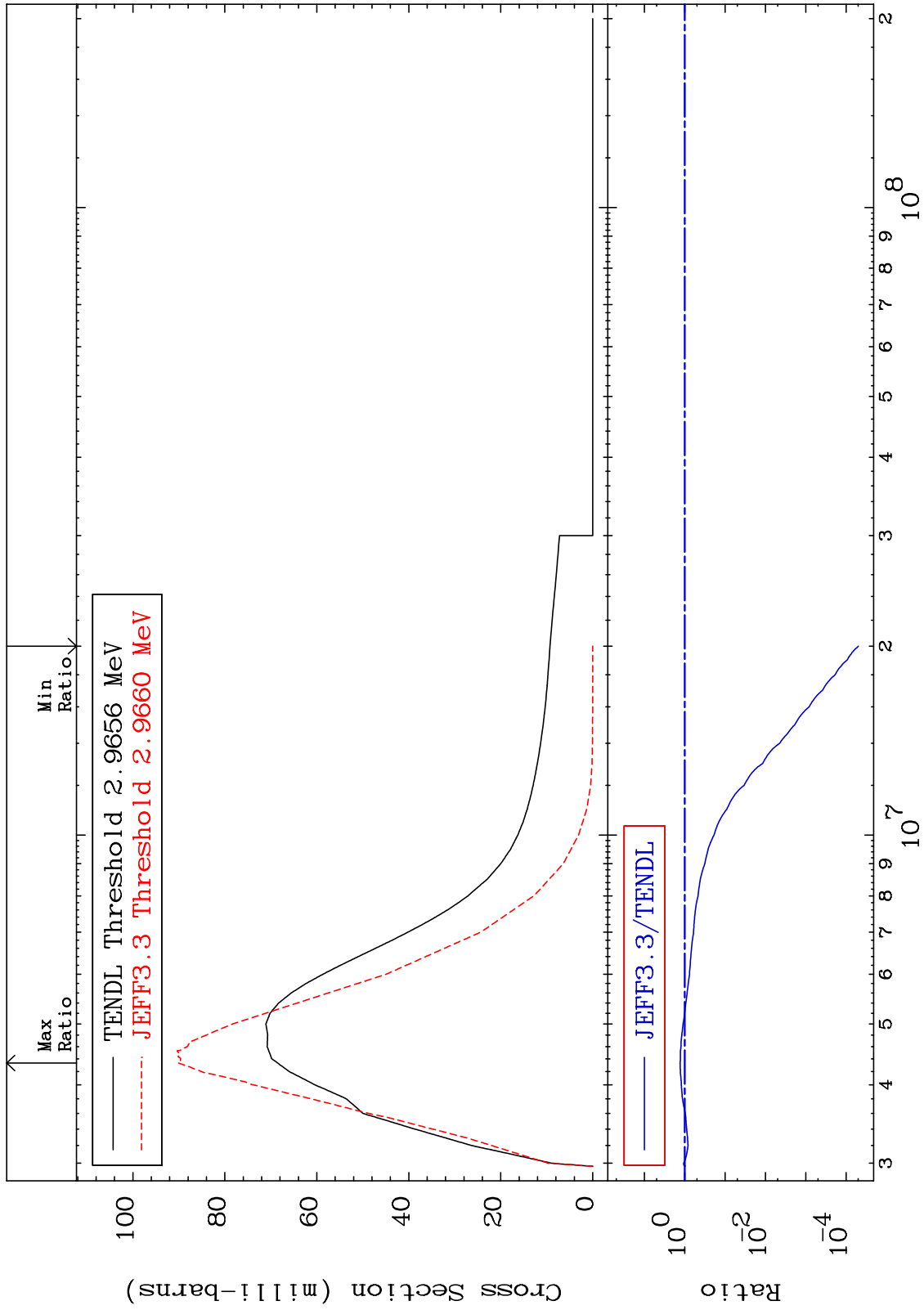


10

Incident Energy (eV)

18-Ar-40

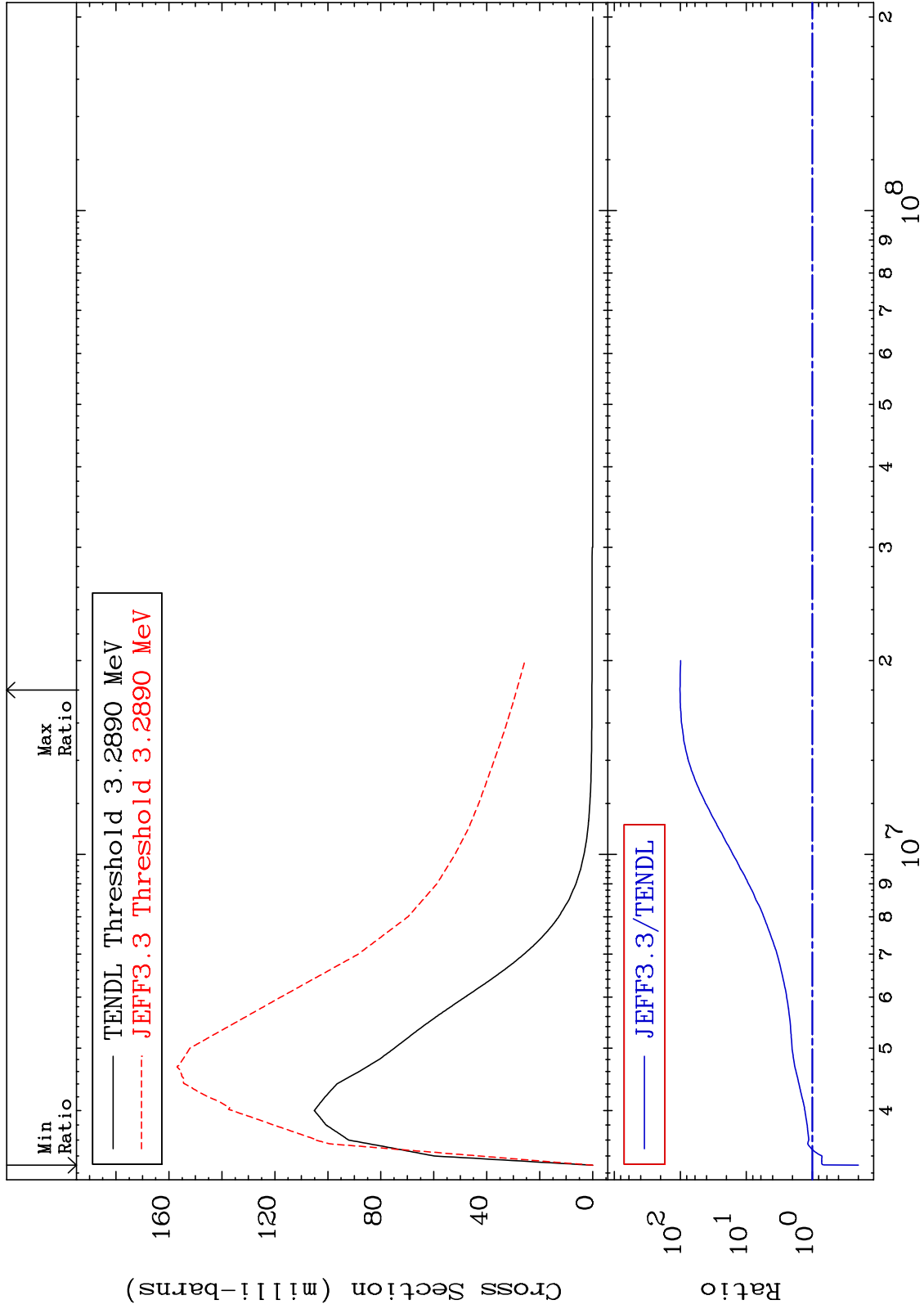
MAT 1837 MT= 54 (n,n') Level Cross Section 18-Ar-40
 -100.0 To 31.46 %



MAT 1837

MT= 55 (n,n') Level
Cross Section

18-Ar-40
-79.99 To 9999. %



12

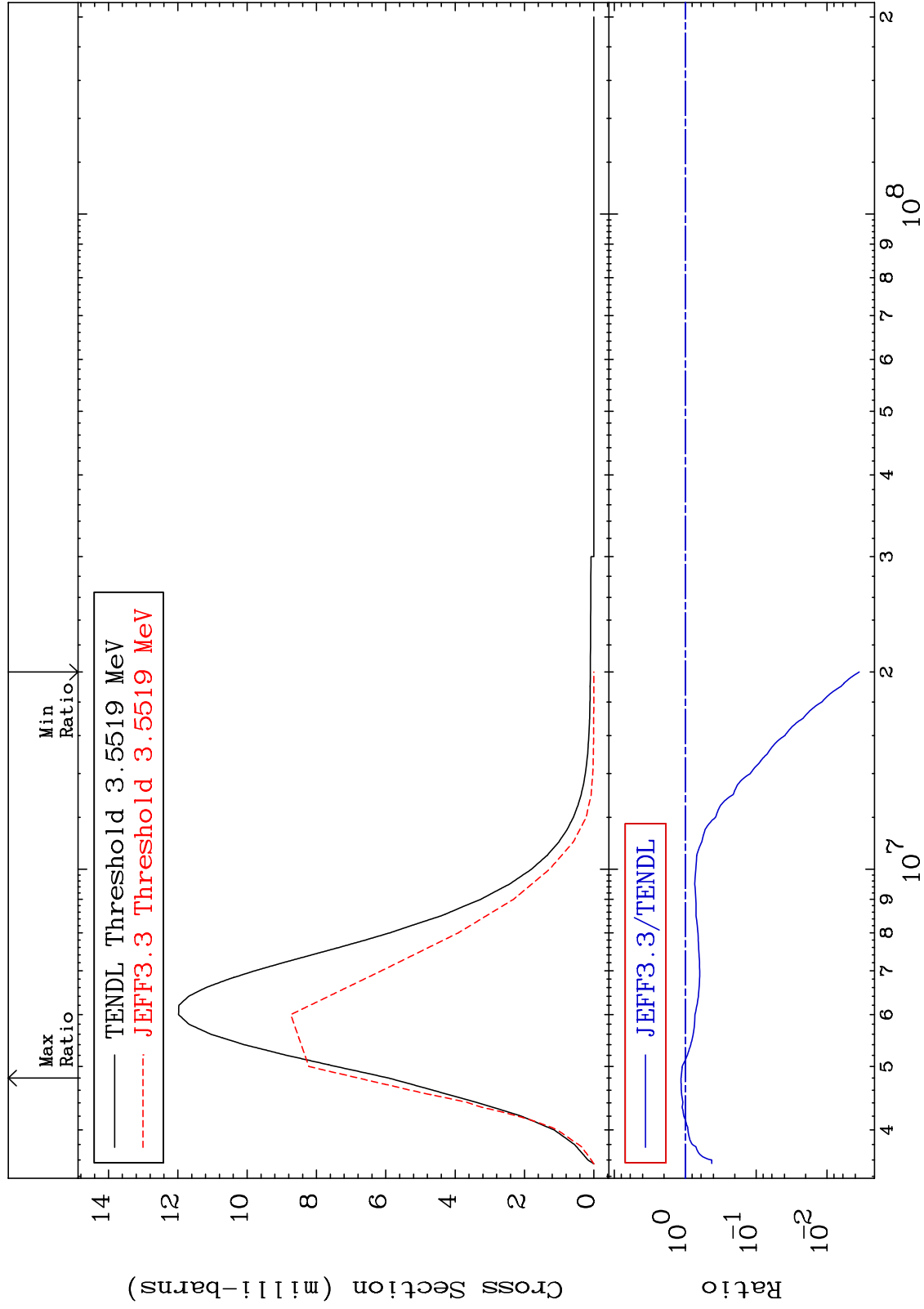
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 56 (n,n') Level
Cross Section

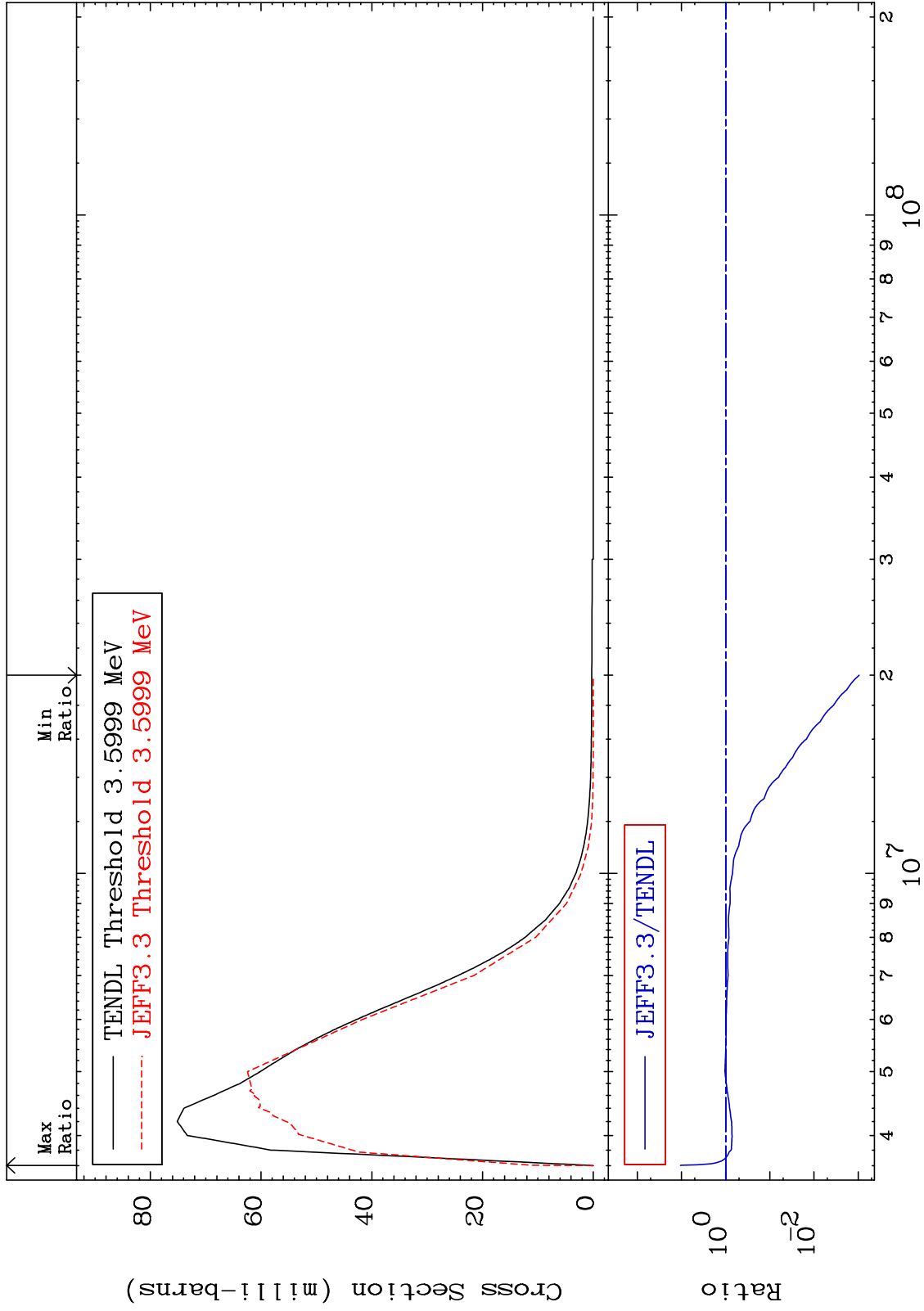
18-Ar-40
-99.65 To 14.77 %



MAT 1837

MT= 57 (n,n') Level
Cross Section

18-Ar-40
-99.90 To 947.6 %

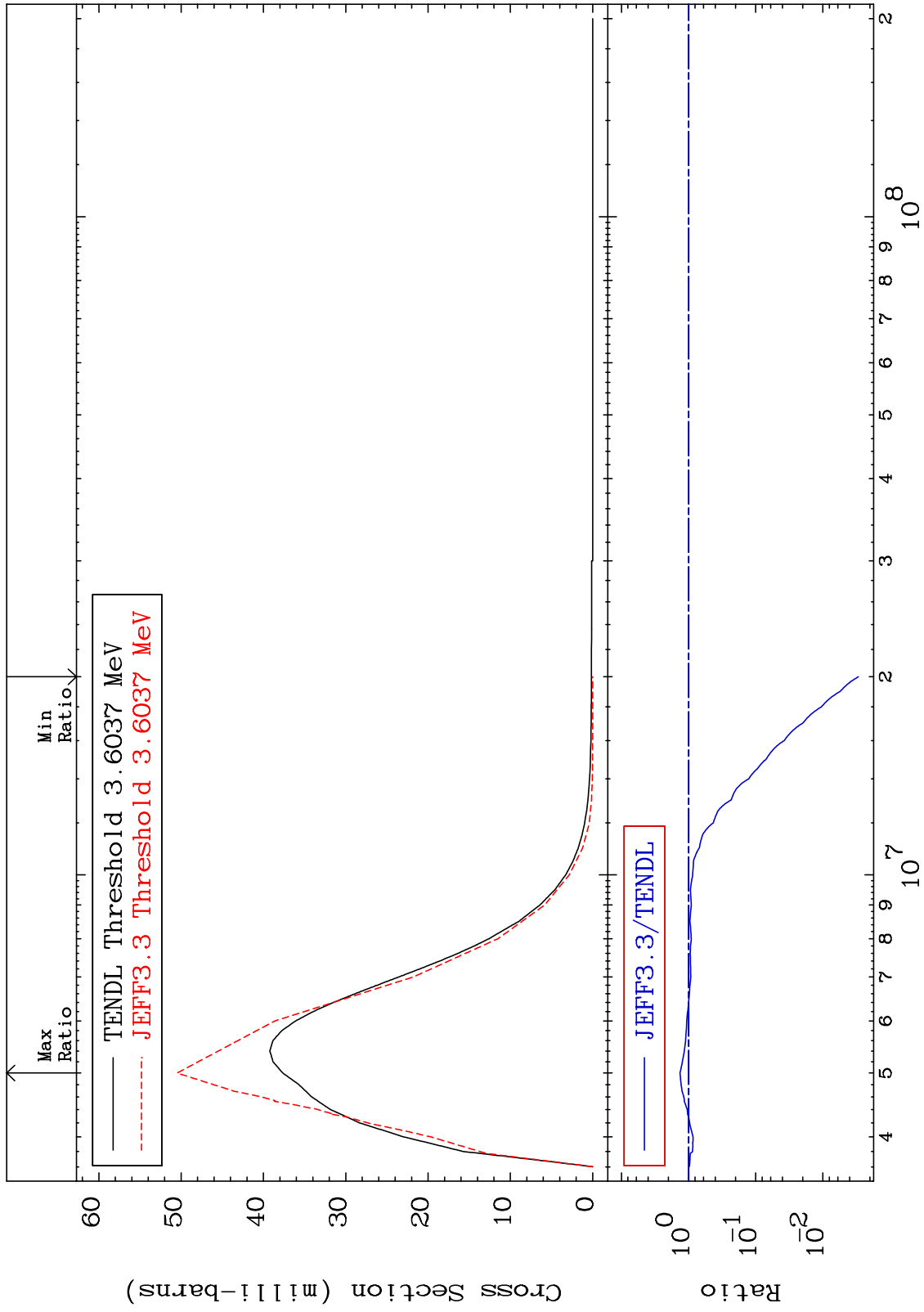


14

Incident Energy (eV)

18-Ar-40

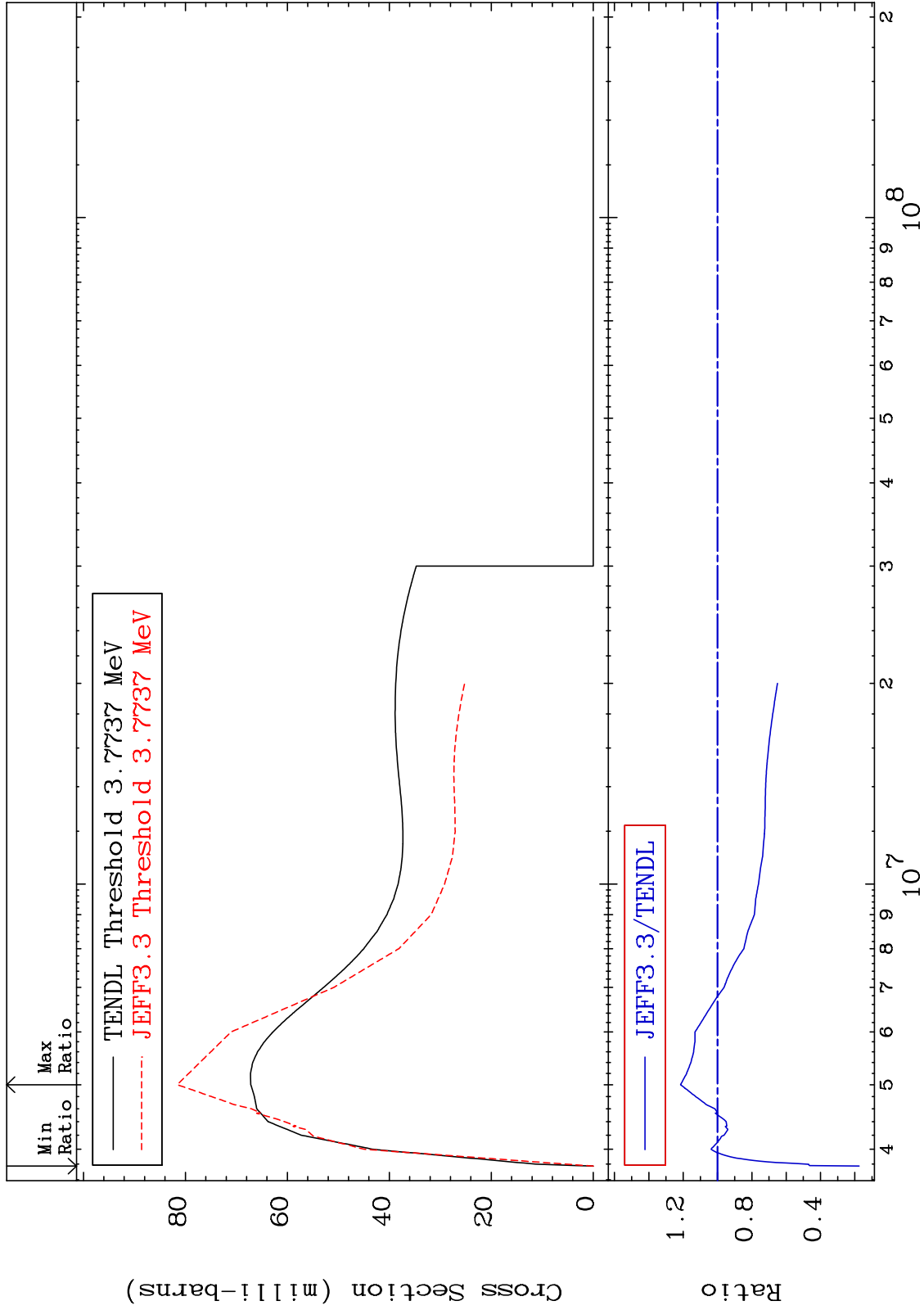
MAT 1837 MT= 58 (n,n') Level
Cross Section 18-Ar-40
-99.70 To 34.09 %



MAT 1837

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

18-Ar-40
-82.52 To 21.47 %



16

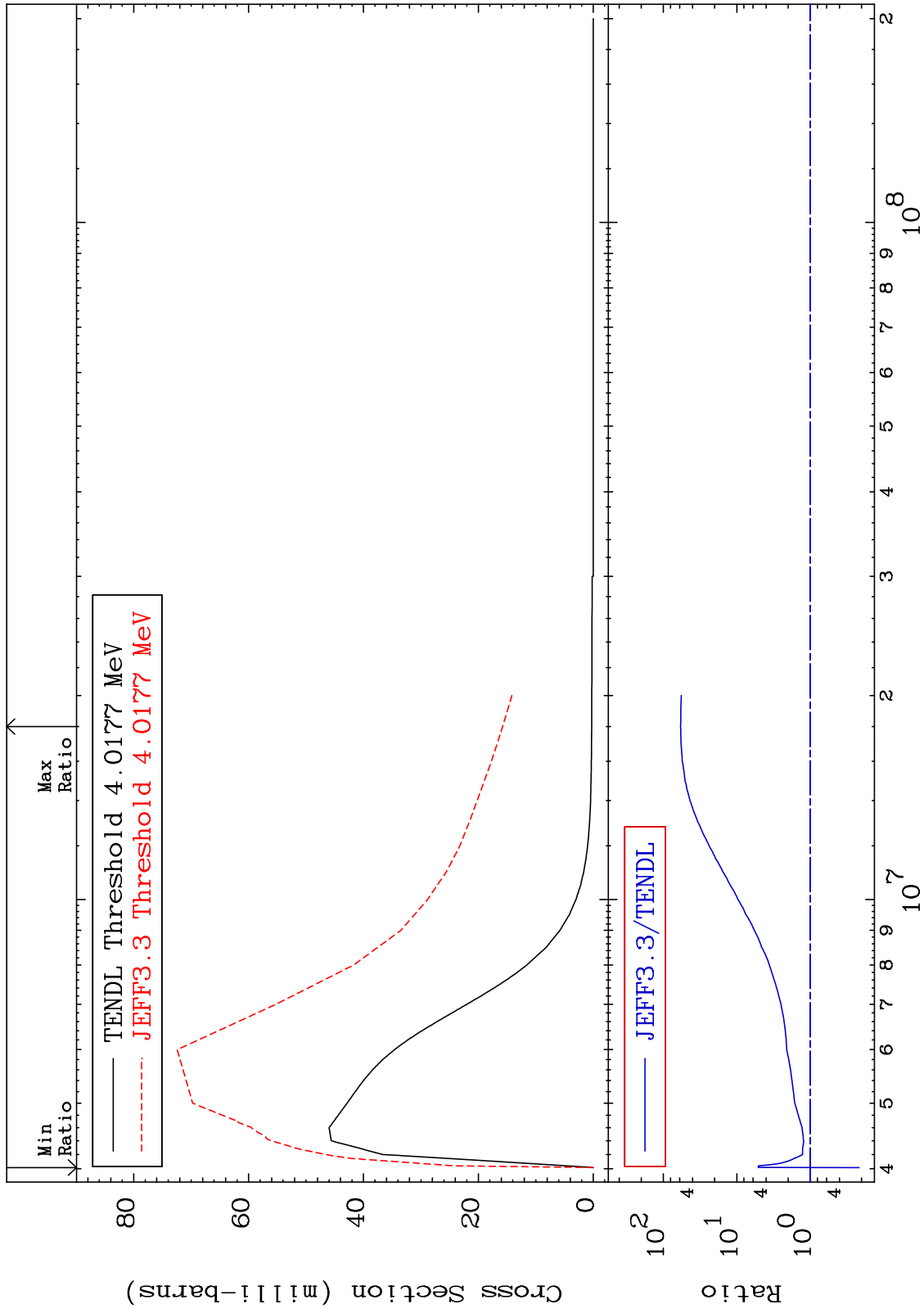
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40
-78.40 To 5718. %



17

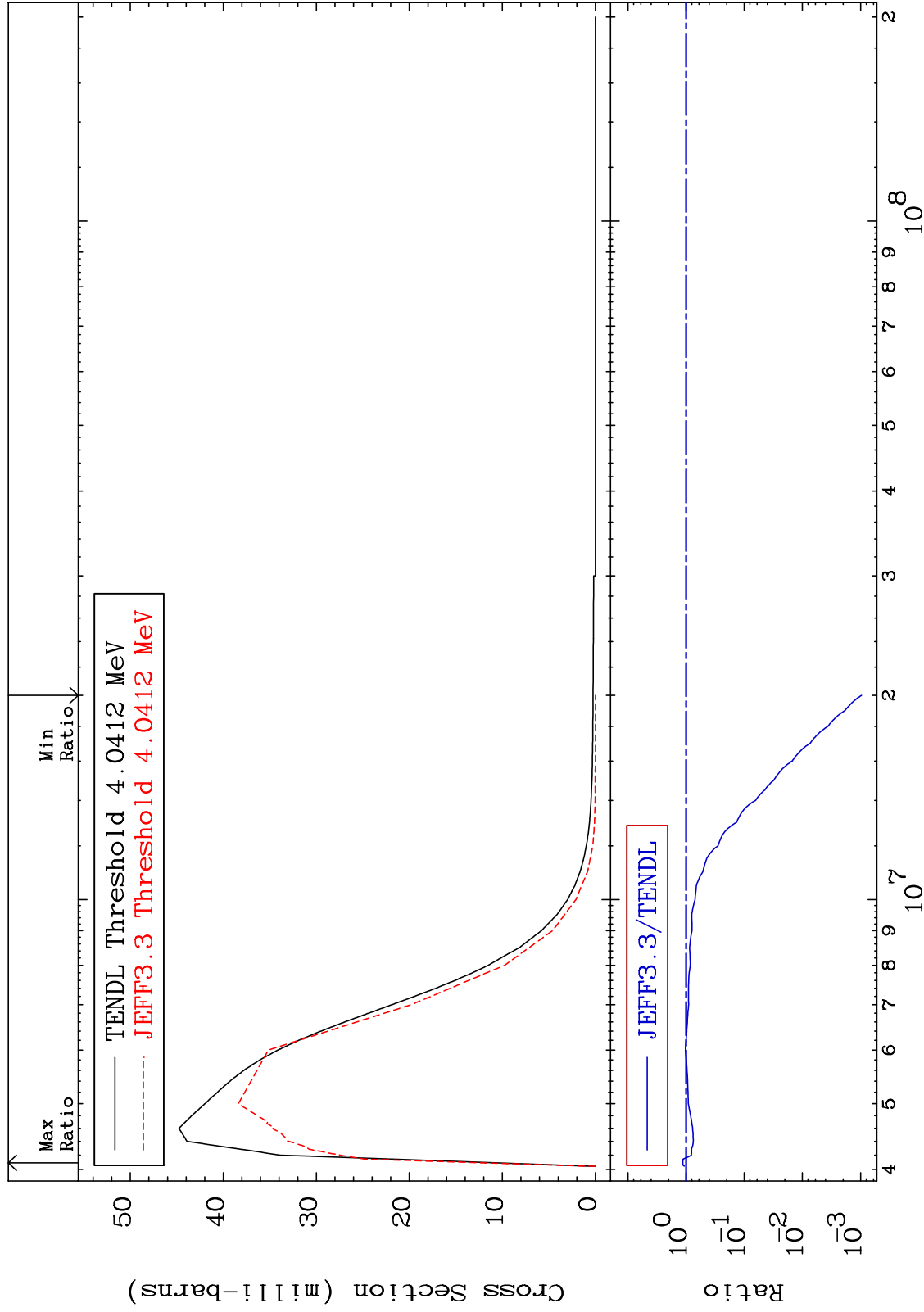
Incident Energy (eV)

18-Ar-40

MAT 1837

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

18-Ar-40
-99.90 To 13.58 %



18

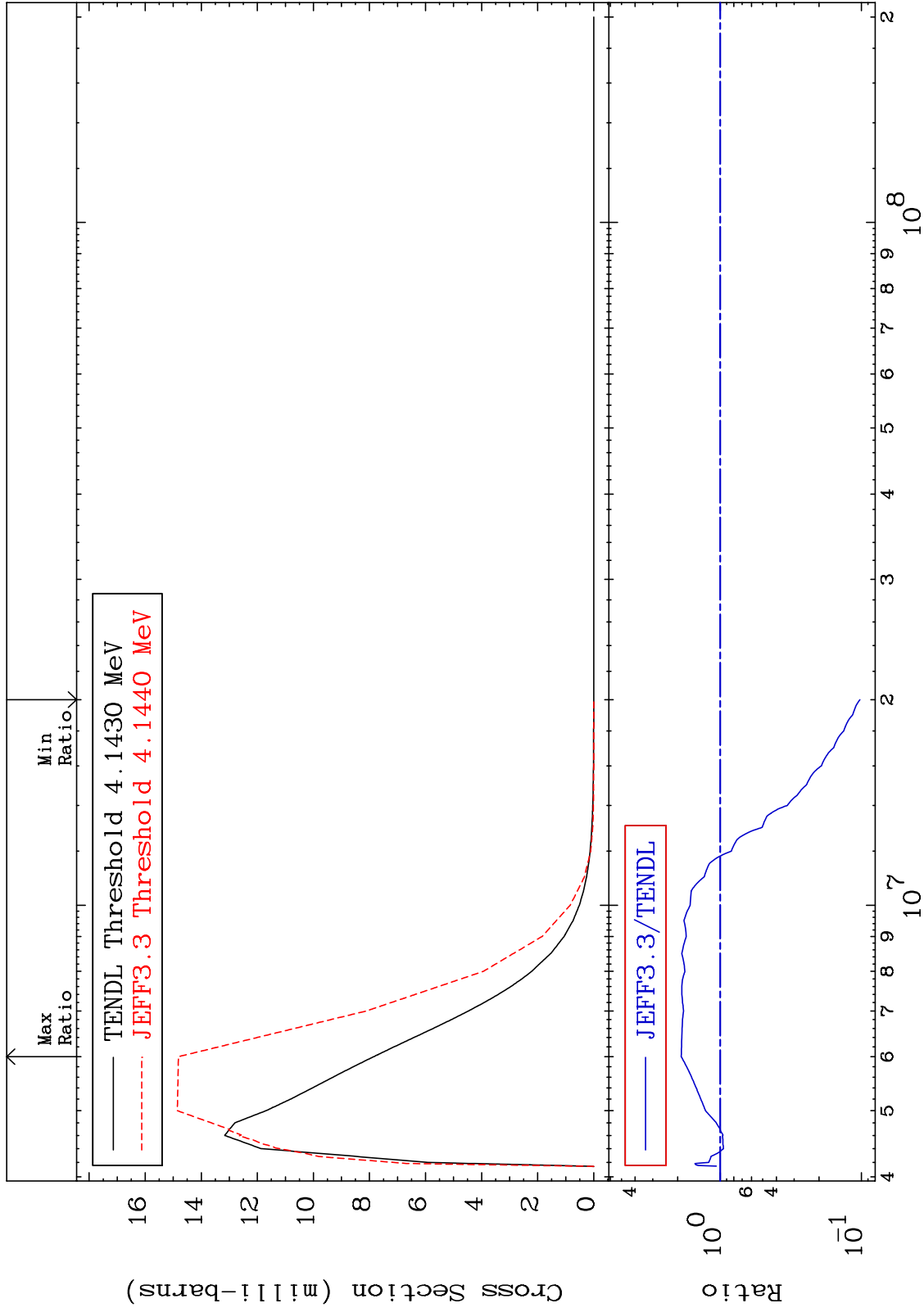
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 62 (n,n') Level
Cross Section

18-Ar-40
-89.75 To 88.77 %



19

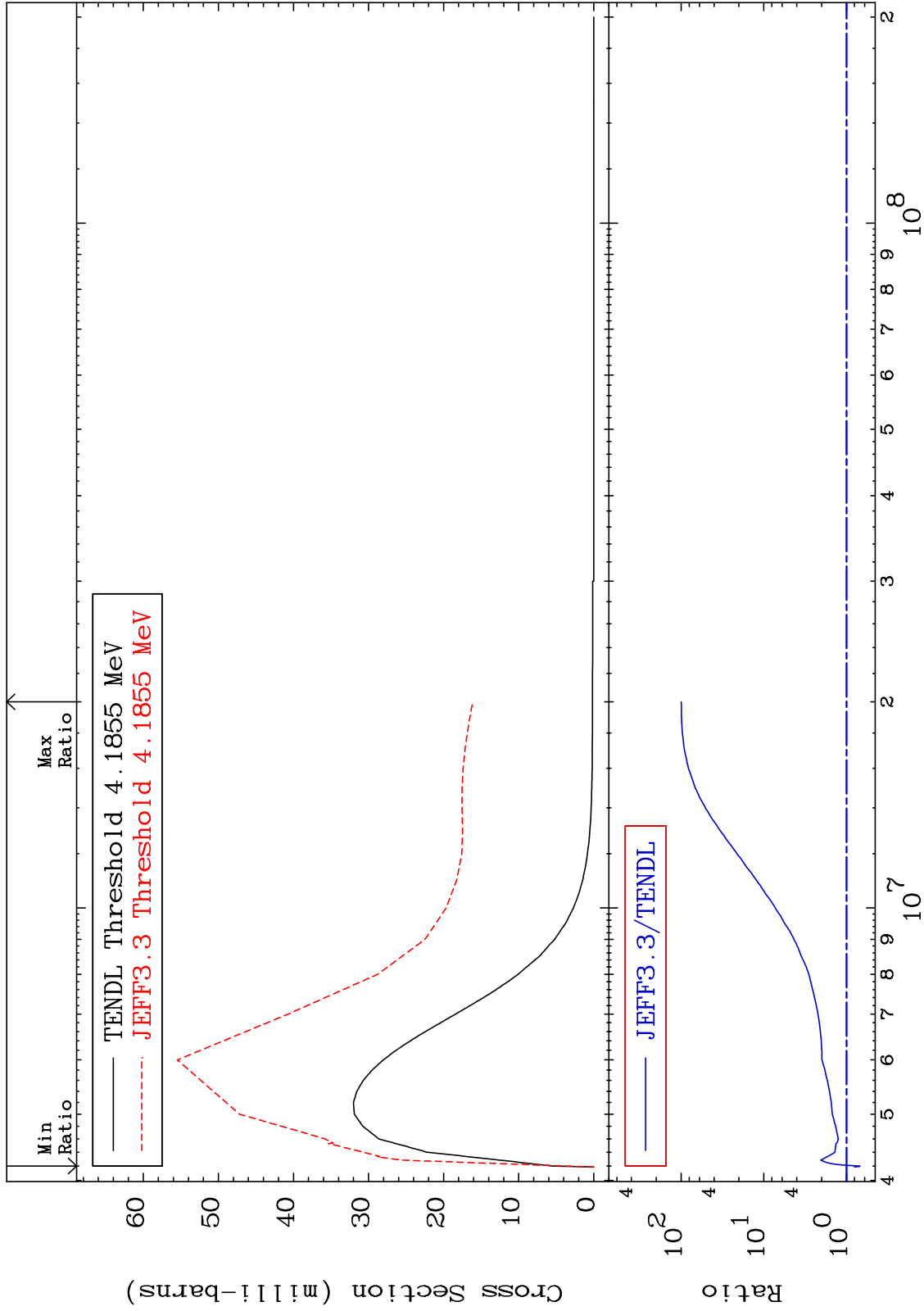
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 63 (n,n') Level
Cross Section

18-Ar-40
-31.30 To 9881. %



20

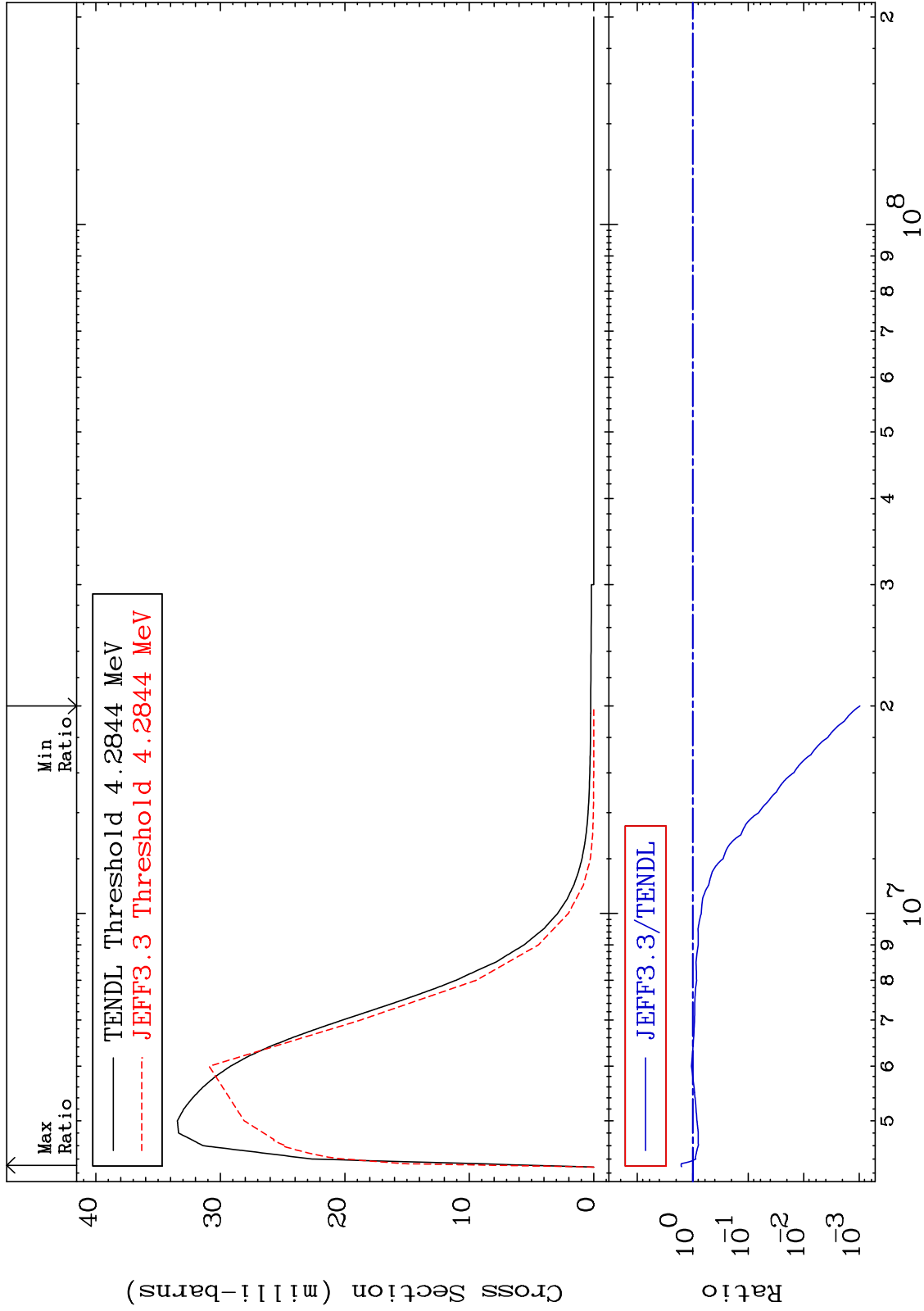
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 64 (n,n') Level
Cross Section

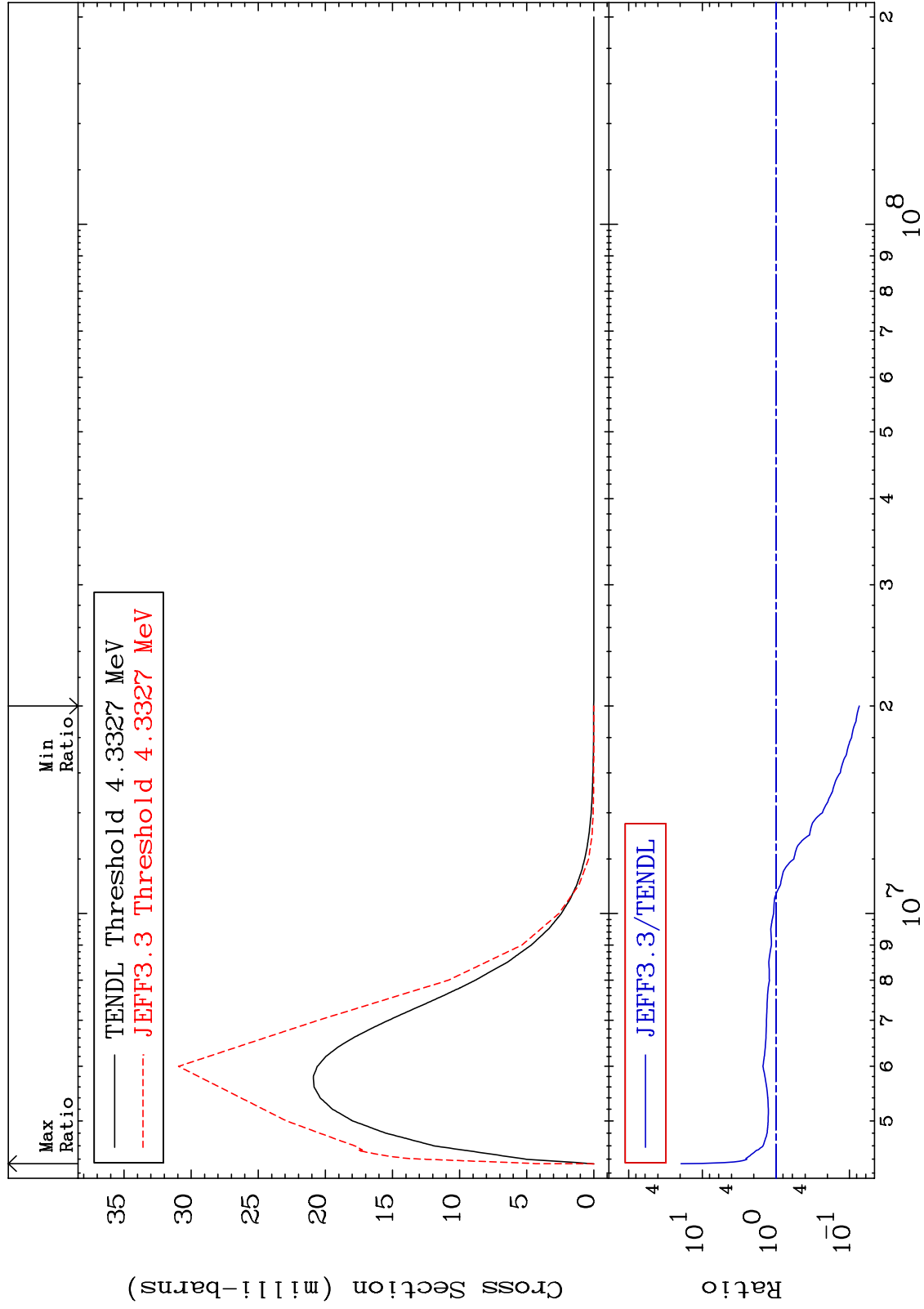
18-Ar-40
-99.90 To 61.28 %



MAT 1837

MT= 65 (n,n') Level
Cross Section

18-Ar-40
-92.63 To 1844. %



22

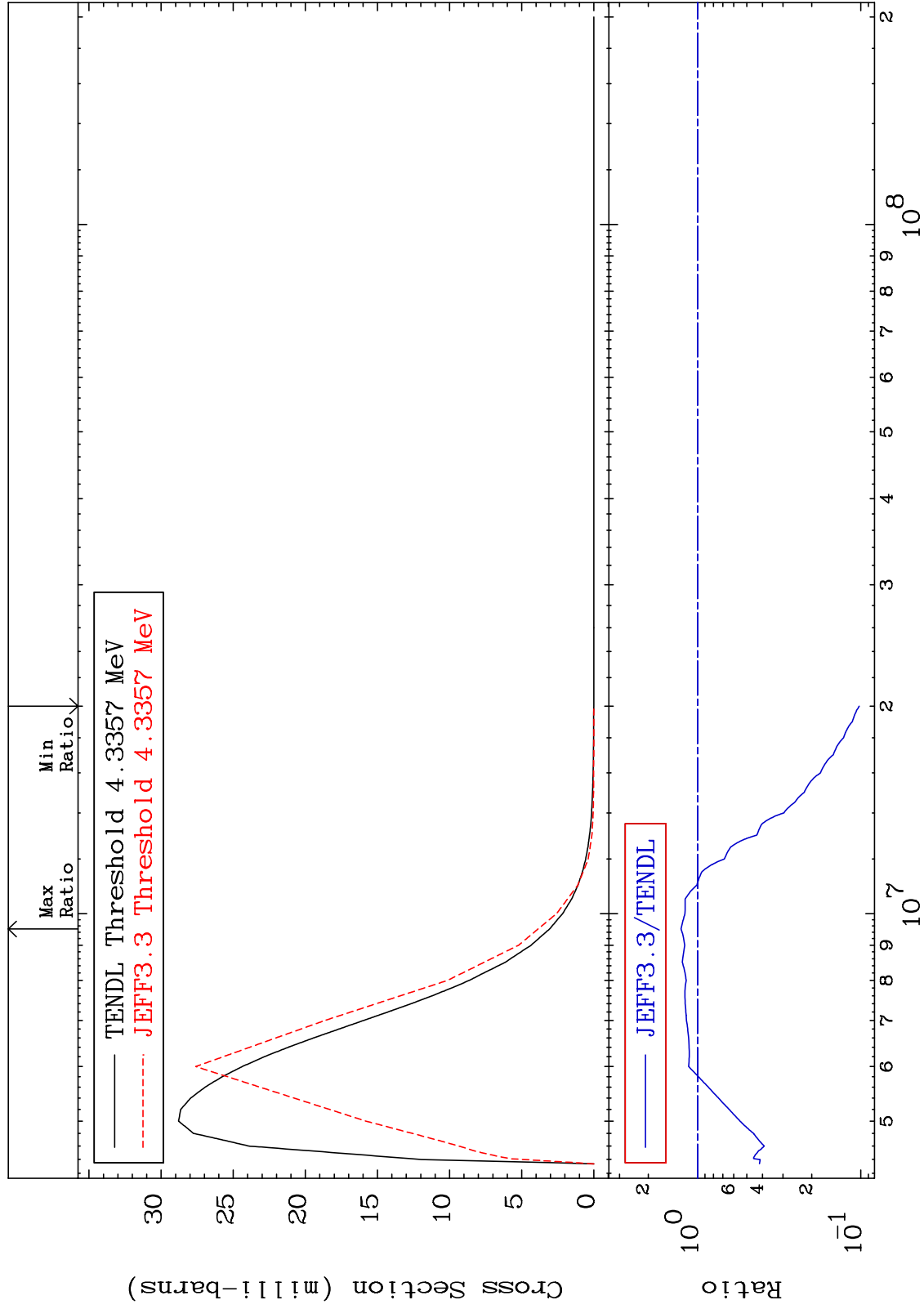
Incident Energy (eV)

18-Ar-40

MAT 1837

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

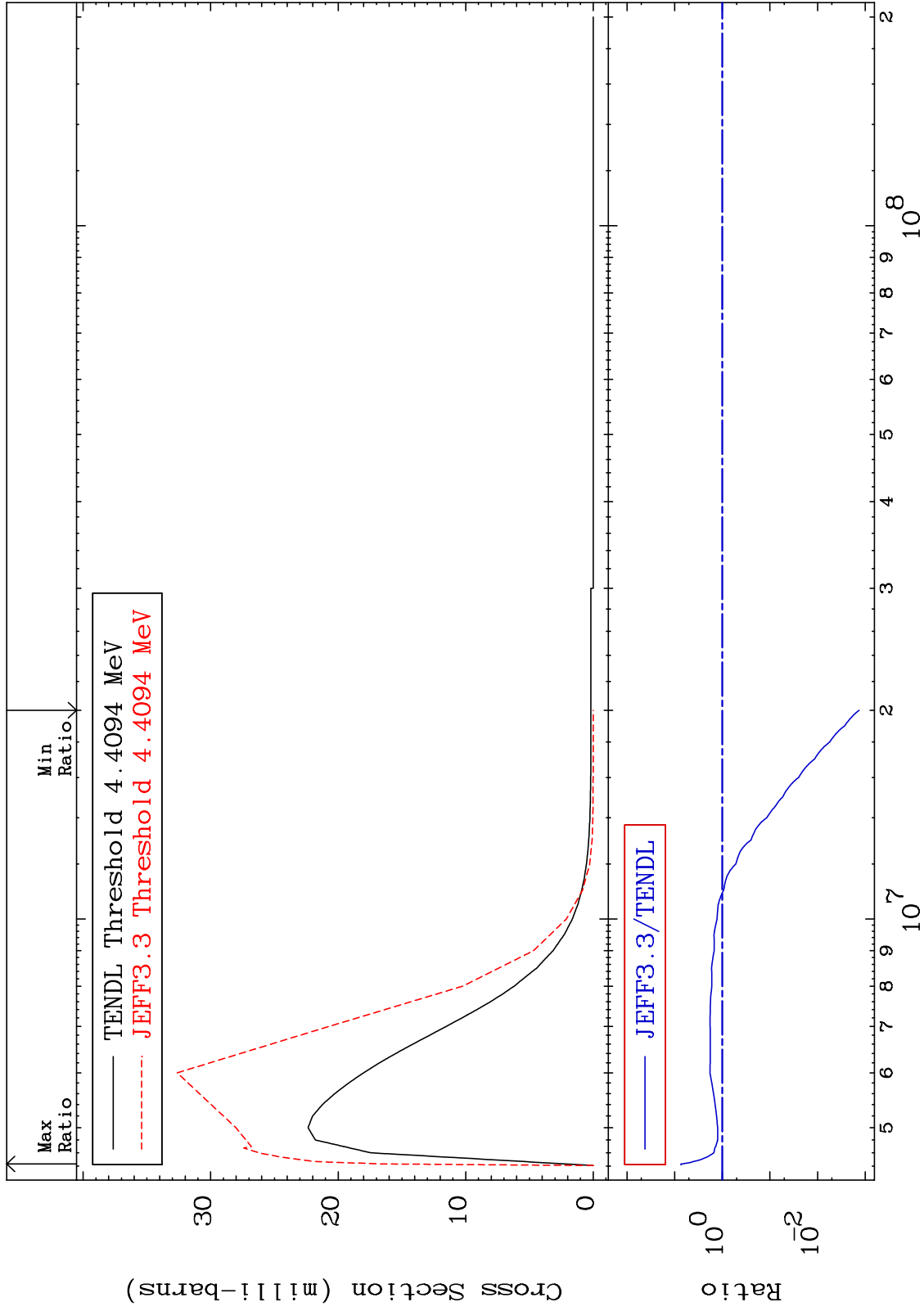
18-Ar-40
-89.78 To 26.16 %



MAT 1837

MT= 67 (n,n') Level
Cross Section

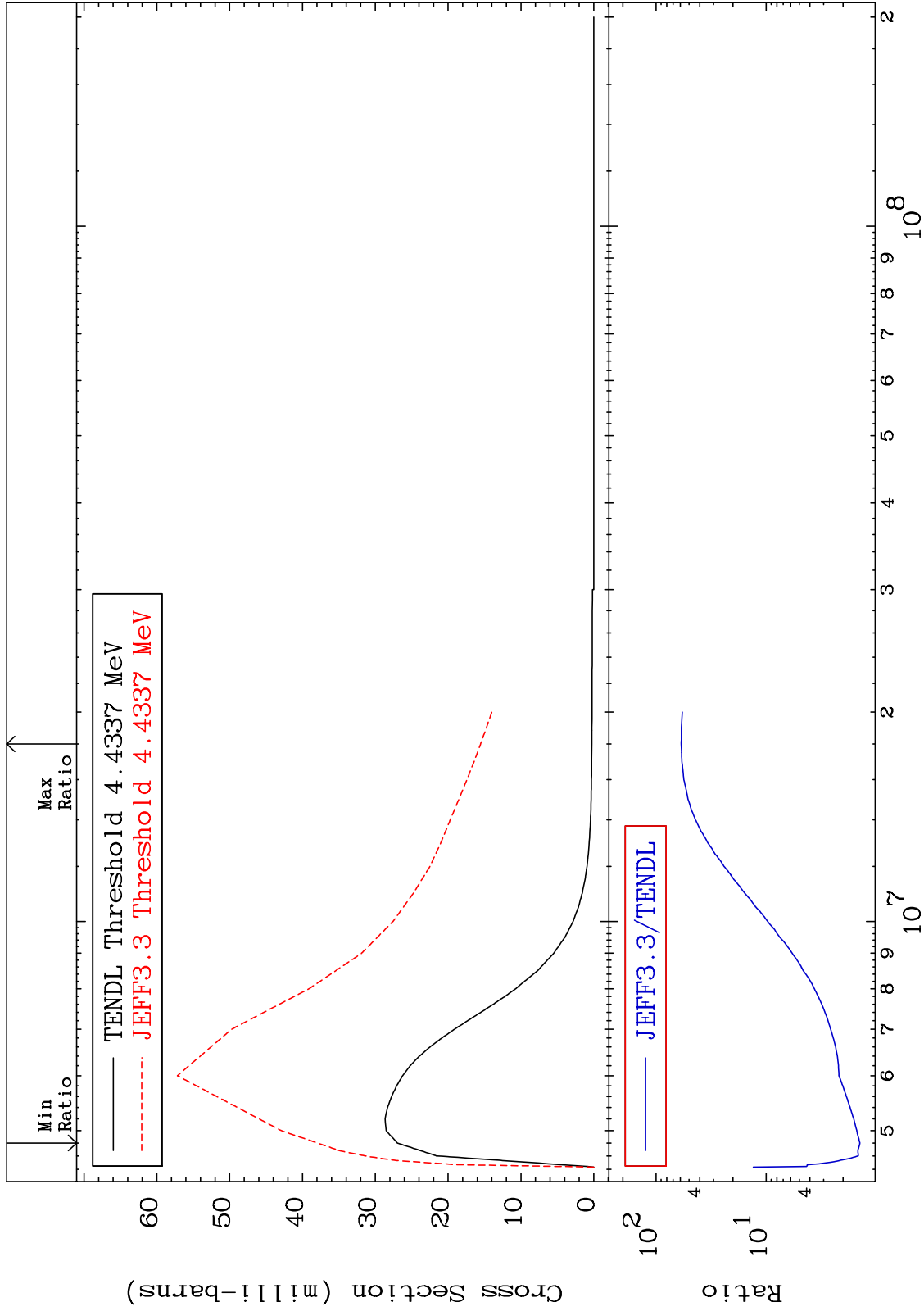
18-Ar-40
-99.87 To 647.8 %



MAT 1837

MT= 68 (n,n') Level
Cross Section

18-Ar-40
40.68 To 5796. %



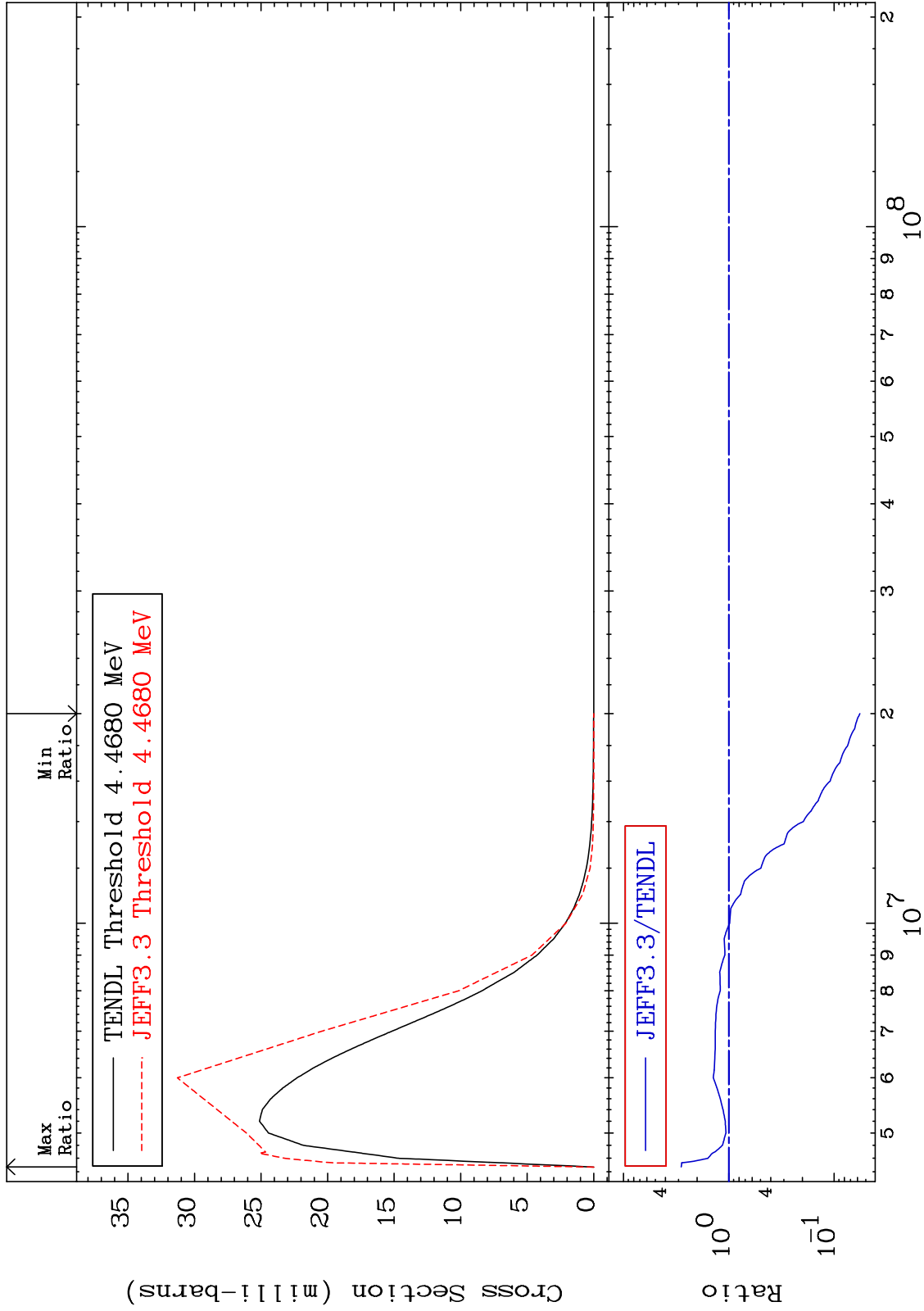
25

18-Ar-40

MAT 1837

MT= 69 (n,n') Level
Cross Section

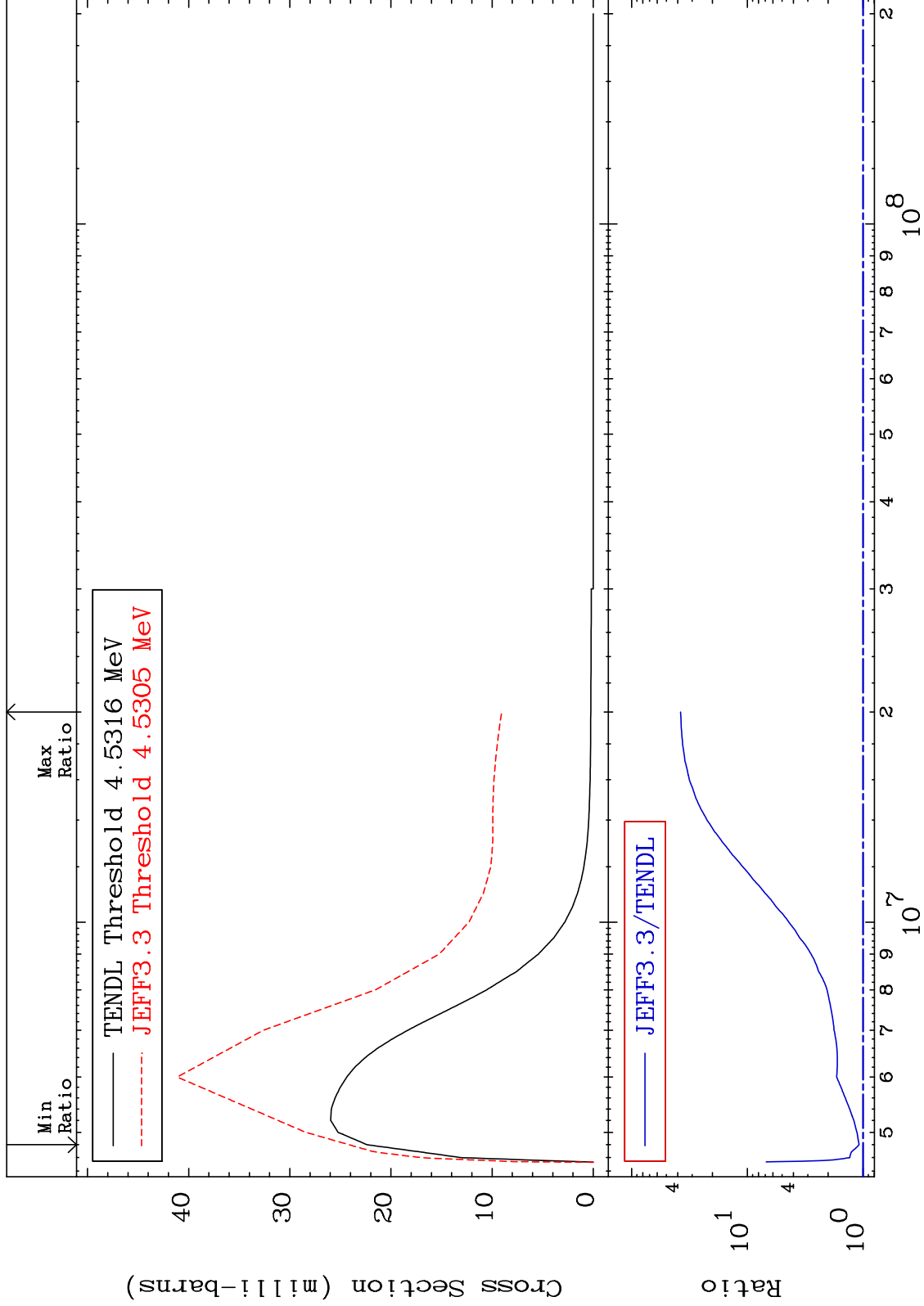
18-Ar-40
-94.31 To 183.4 %



MAT 1837

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

18-Ar-40
7.931 To 3667. %



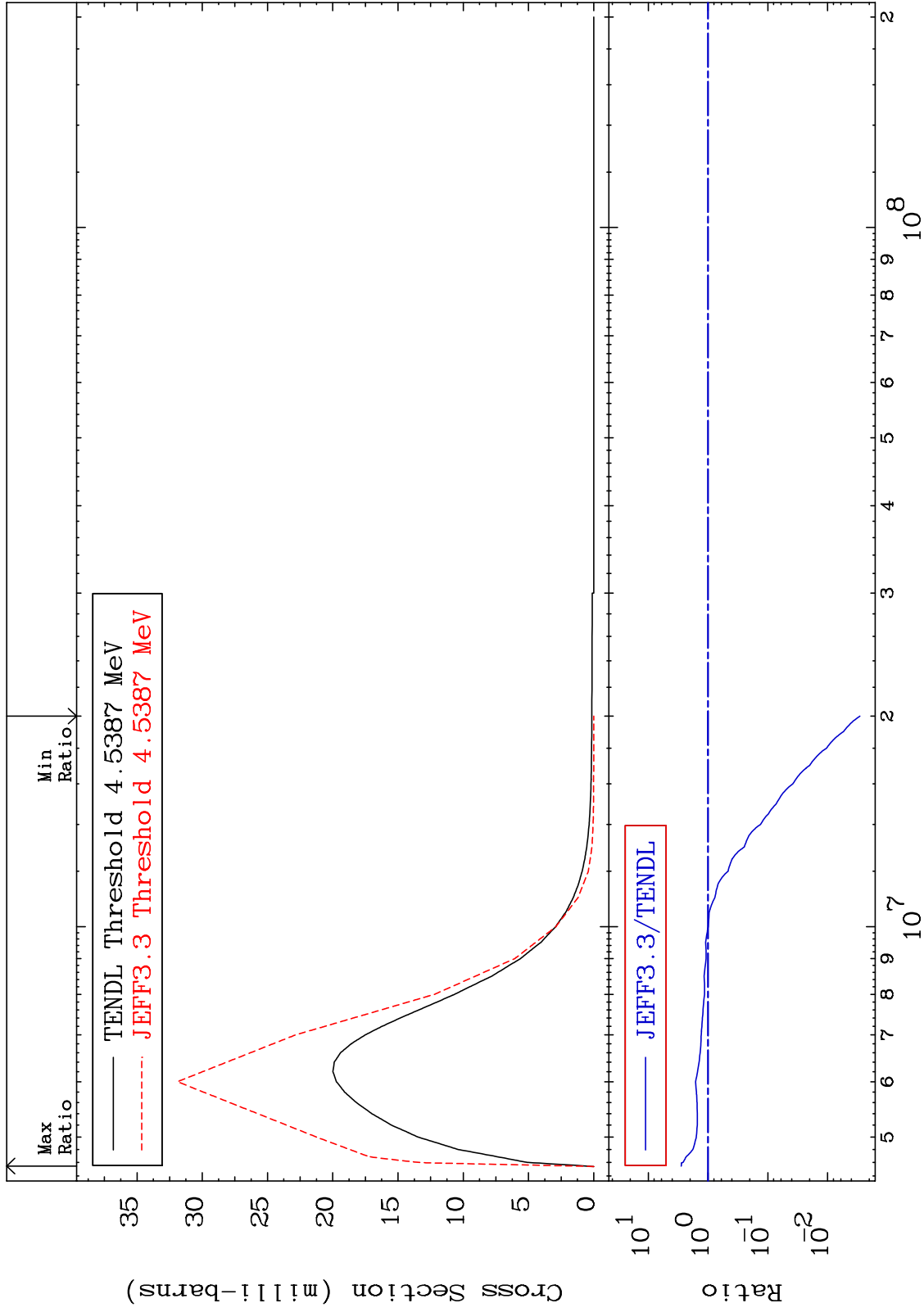
27

18-Ar-40

MAT 1837

MT= 71 (n,n') Level
Cross Section

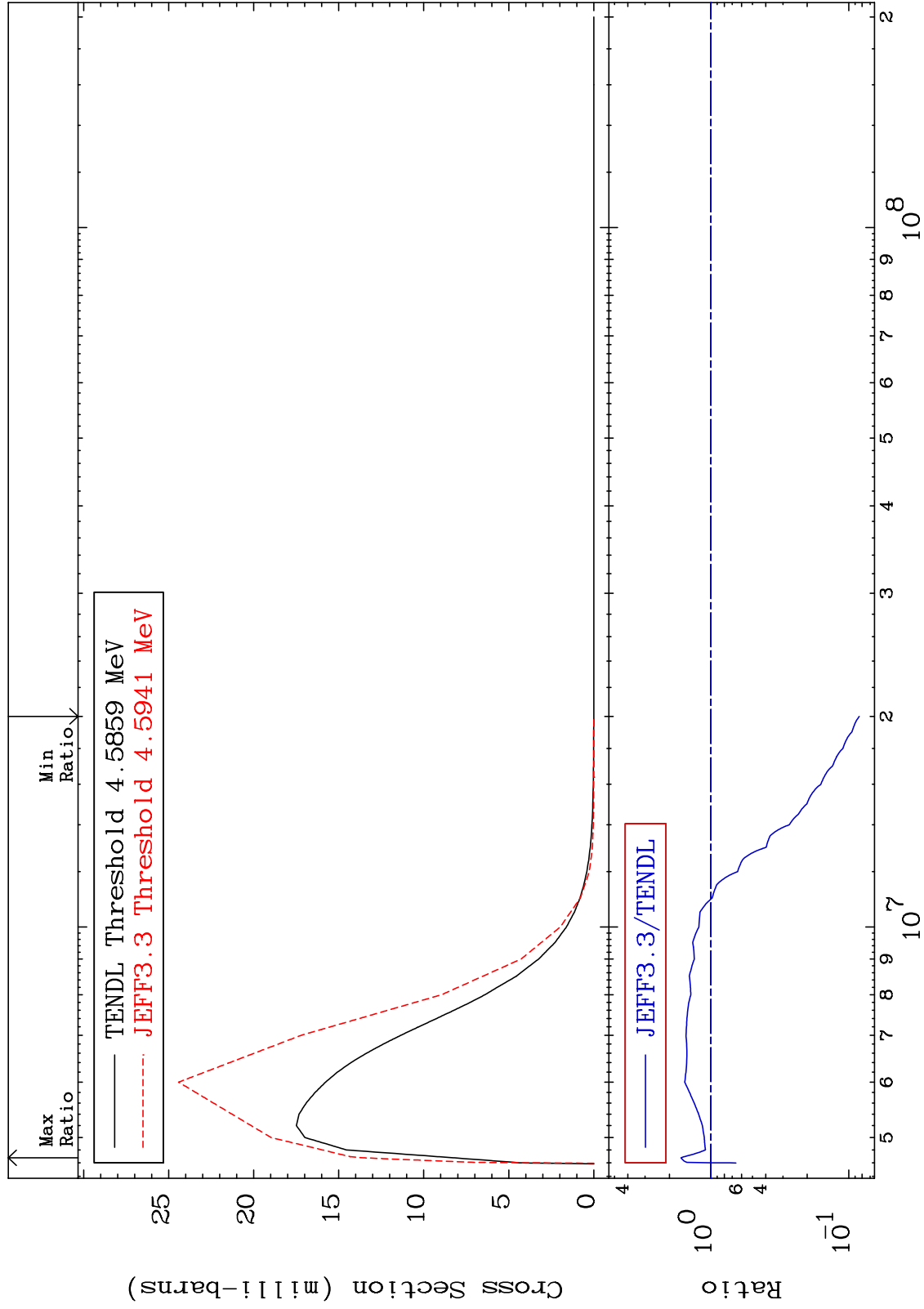
18-Ar-40
-99.71 To 181.5 %



MAT 1837

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

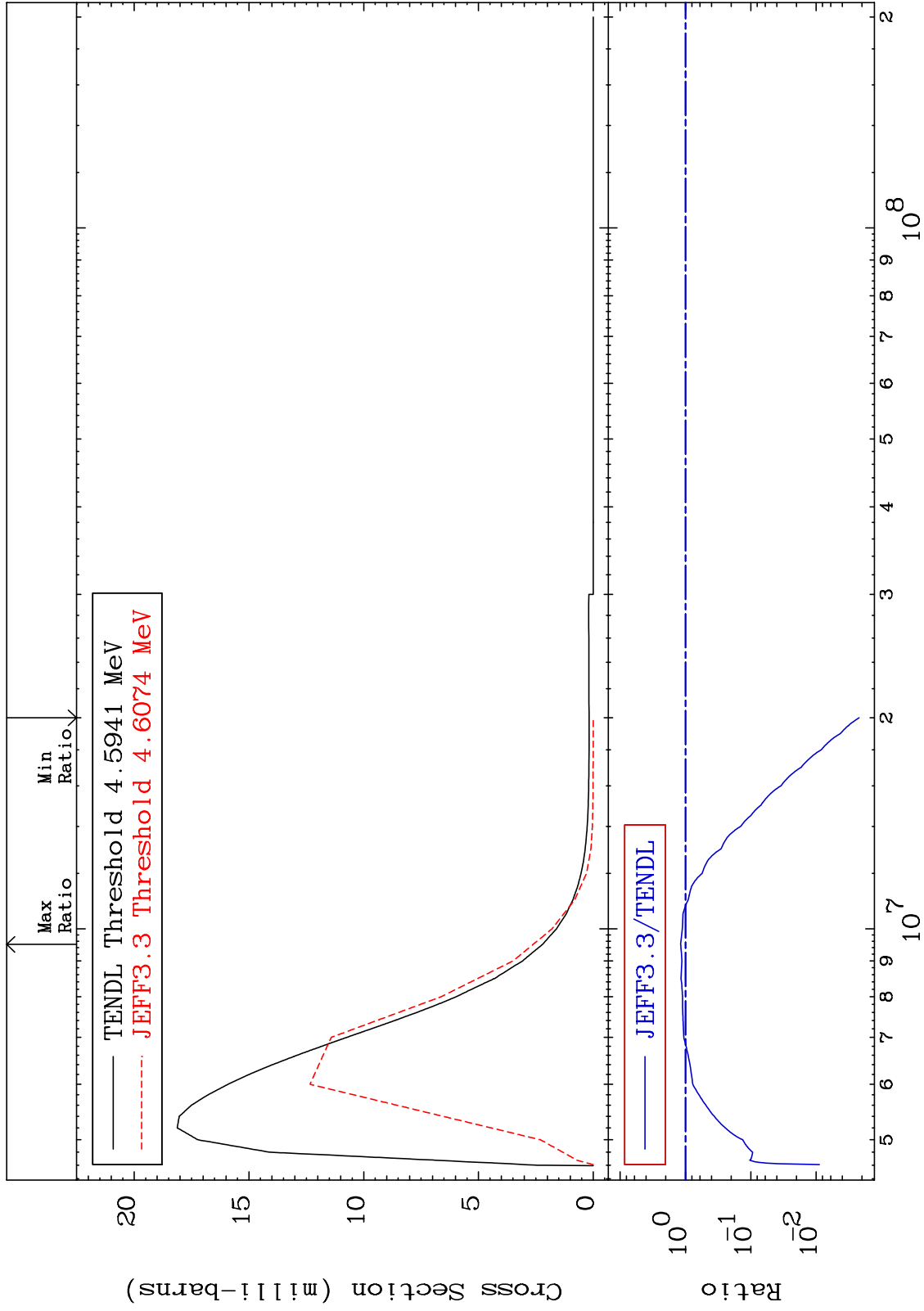
18-Ar-40
-91.61 To 64.57 %



MAT 1837

MT= 73 (n,n') Level
Cross Section

18-Ar-40
-99.78 To 18.60 %



30

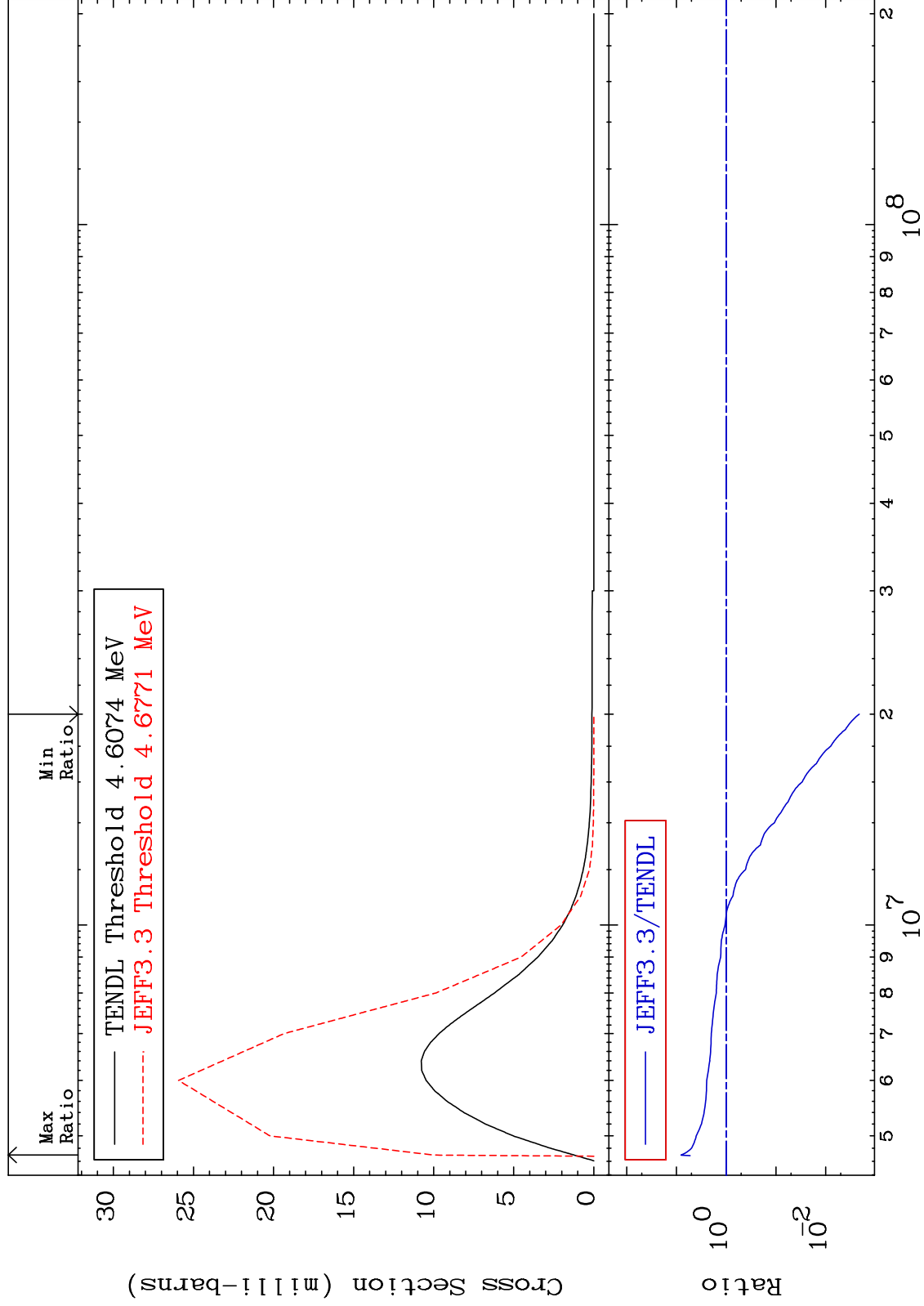
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 74 (n,n') Level
Cross Section

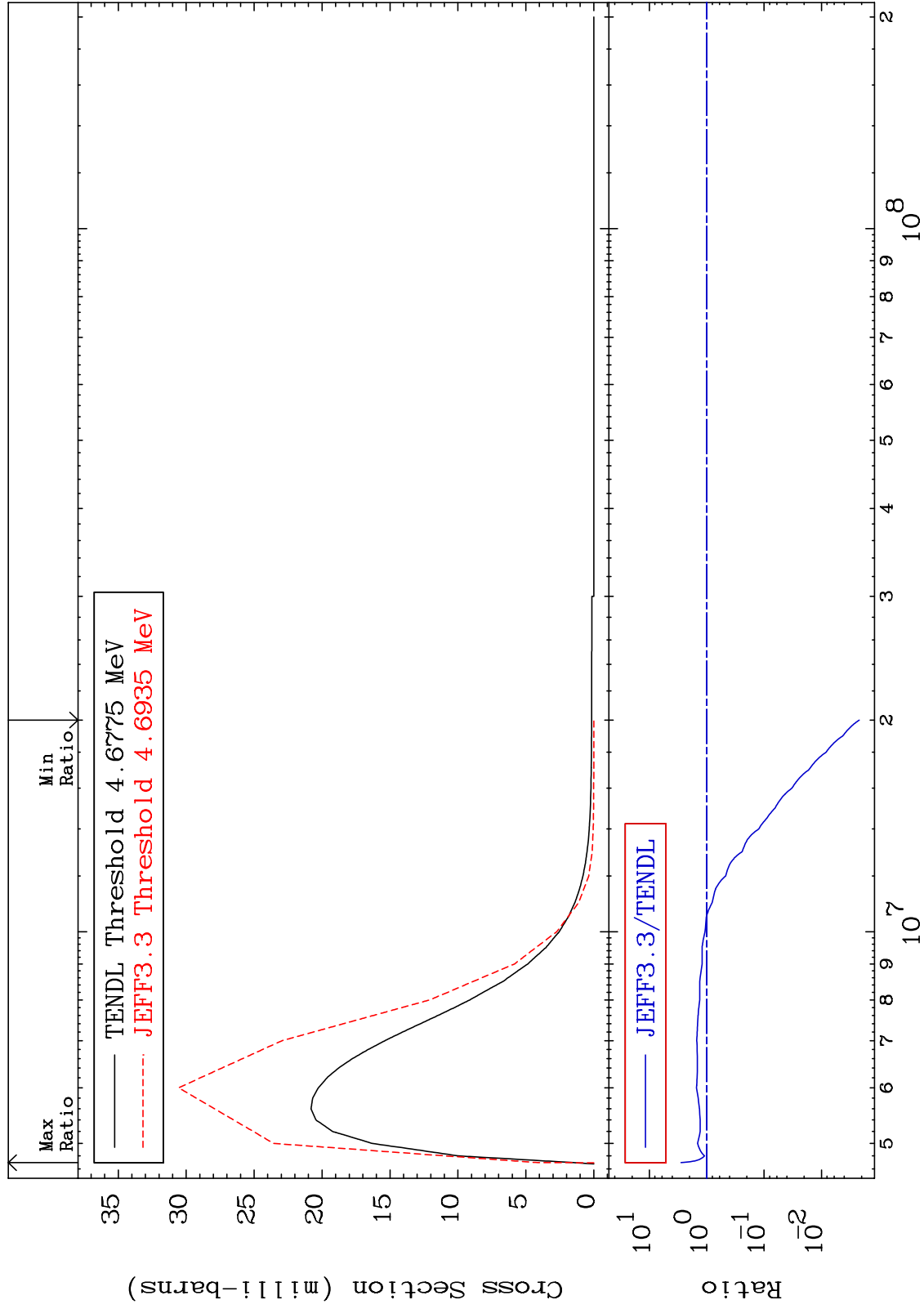
18-Ar-40
-99.79 To 710.4 %



MAT 1837

MT= 75 (n,n') Level
Cross Section

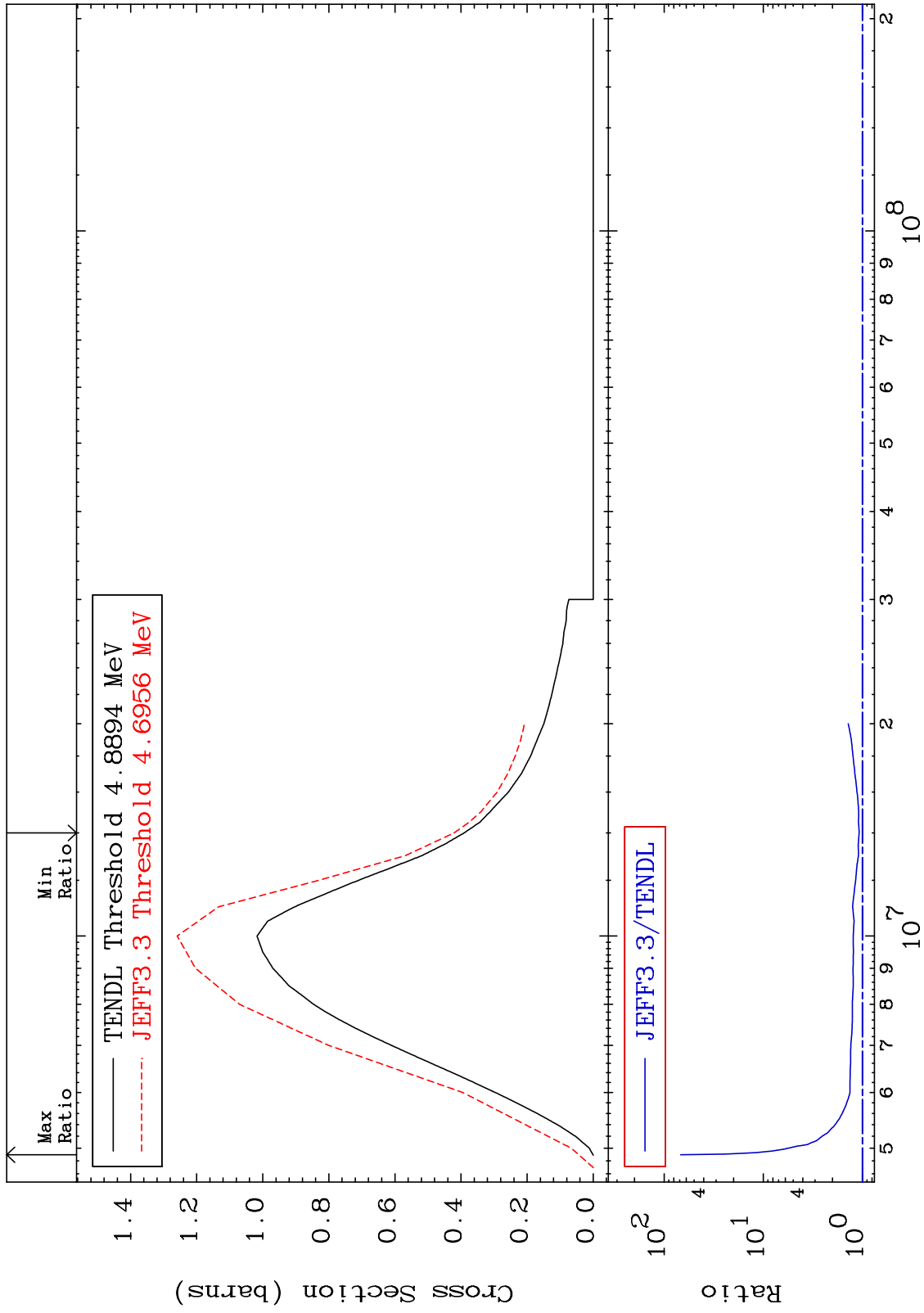
18-Ar-40
-99.78 To 180.3 %



MAT 1837

(n,n') Continuum
Cross Section

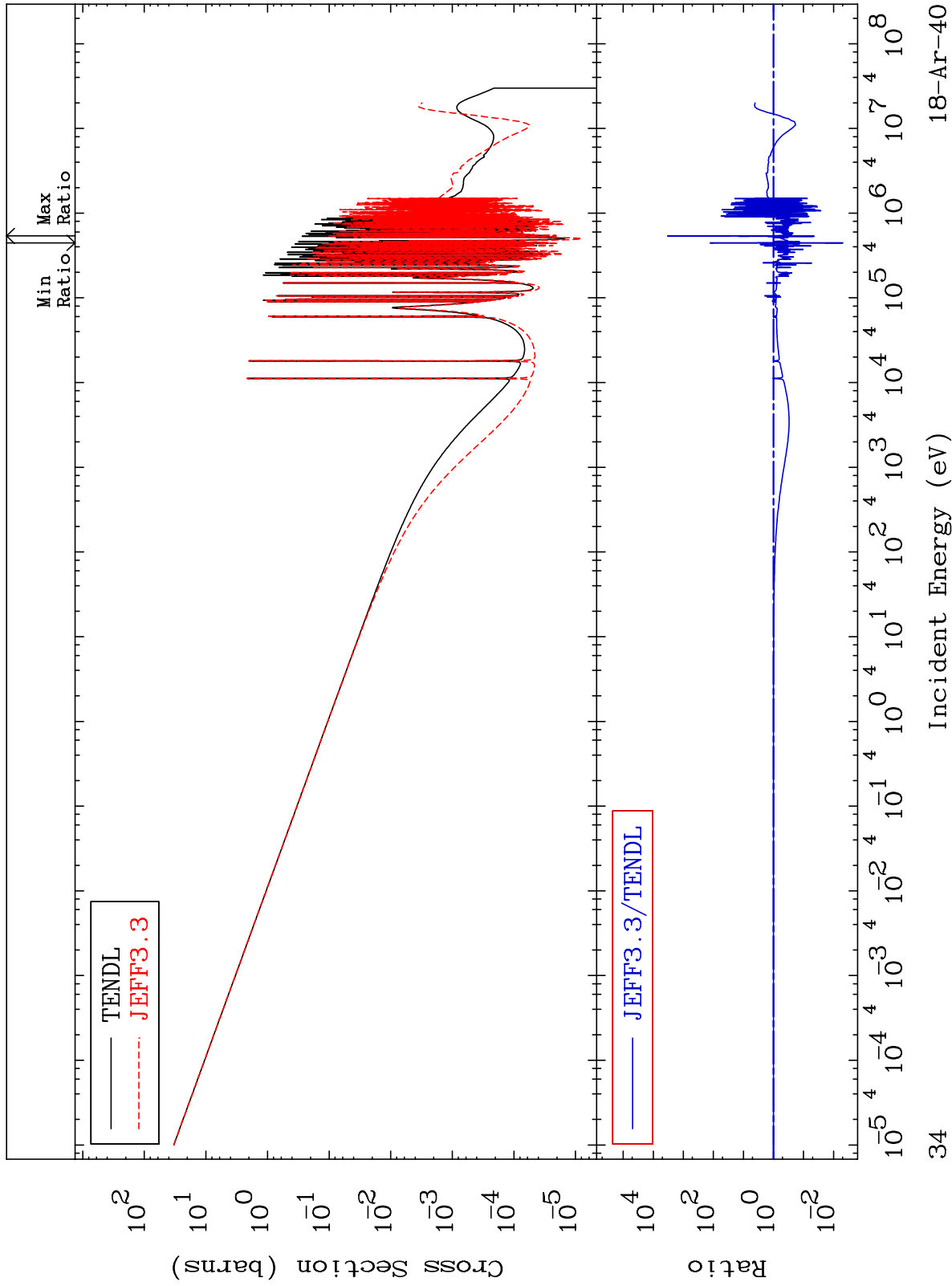
18-Ar-40
7.754 To 6737. %



MAT 1837

(n, γ)
Cross Section

18-Ar-40
-99.50 To 9999. %



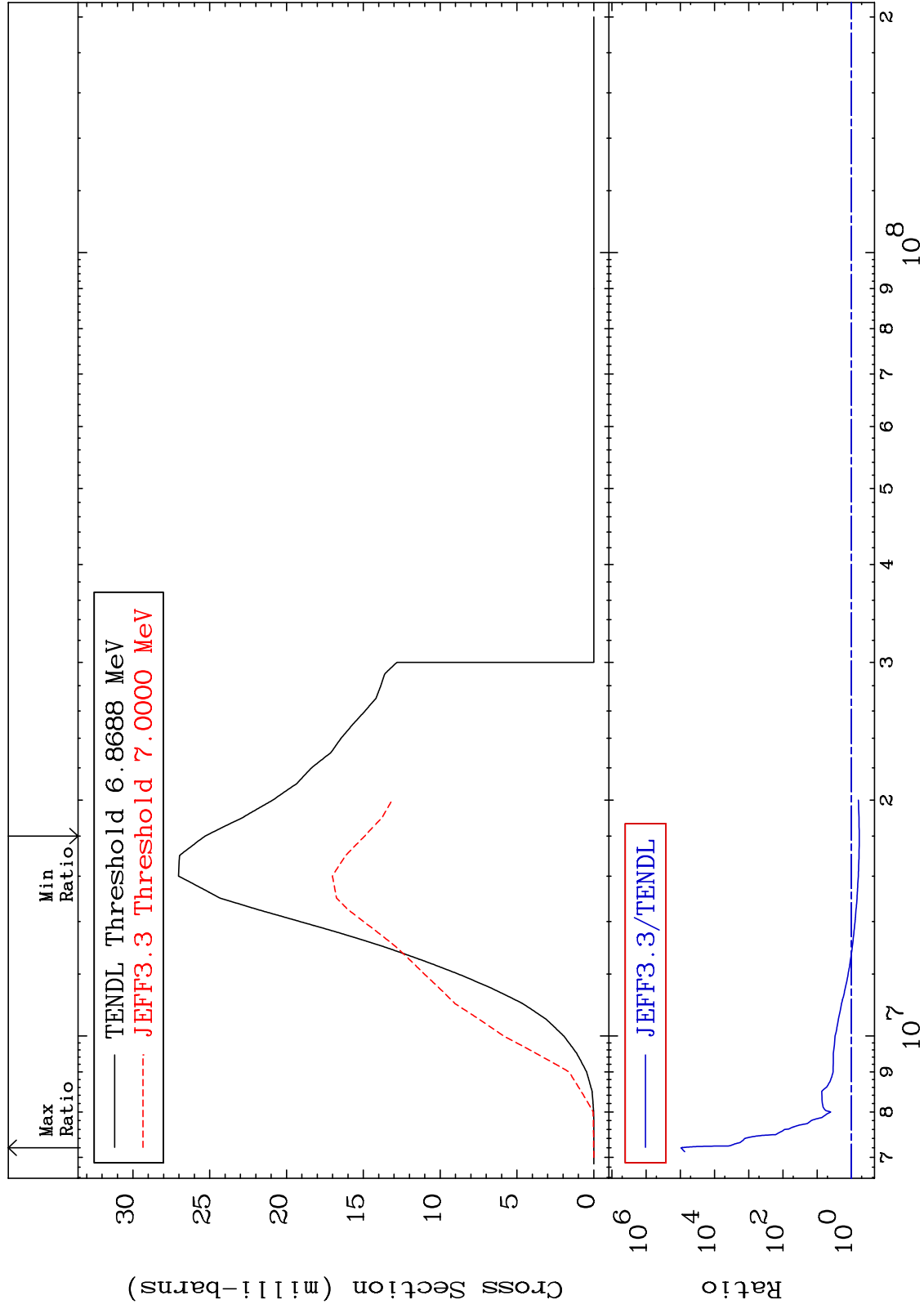
MAT 1837

(n,p)

18-Ar-40

Cross Section

-41.07 To 9999. %



35

Incident Energy (eV)

18-Ar-40

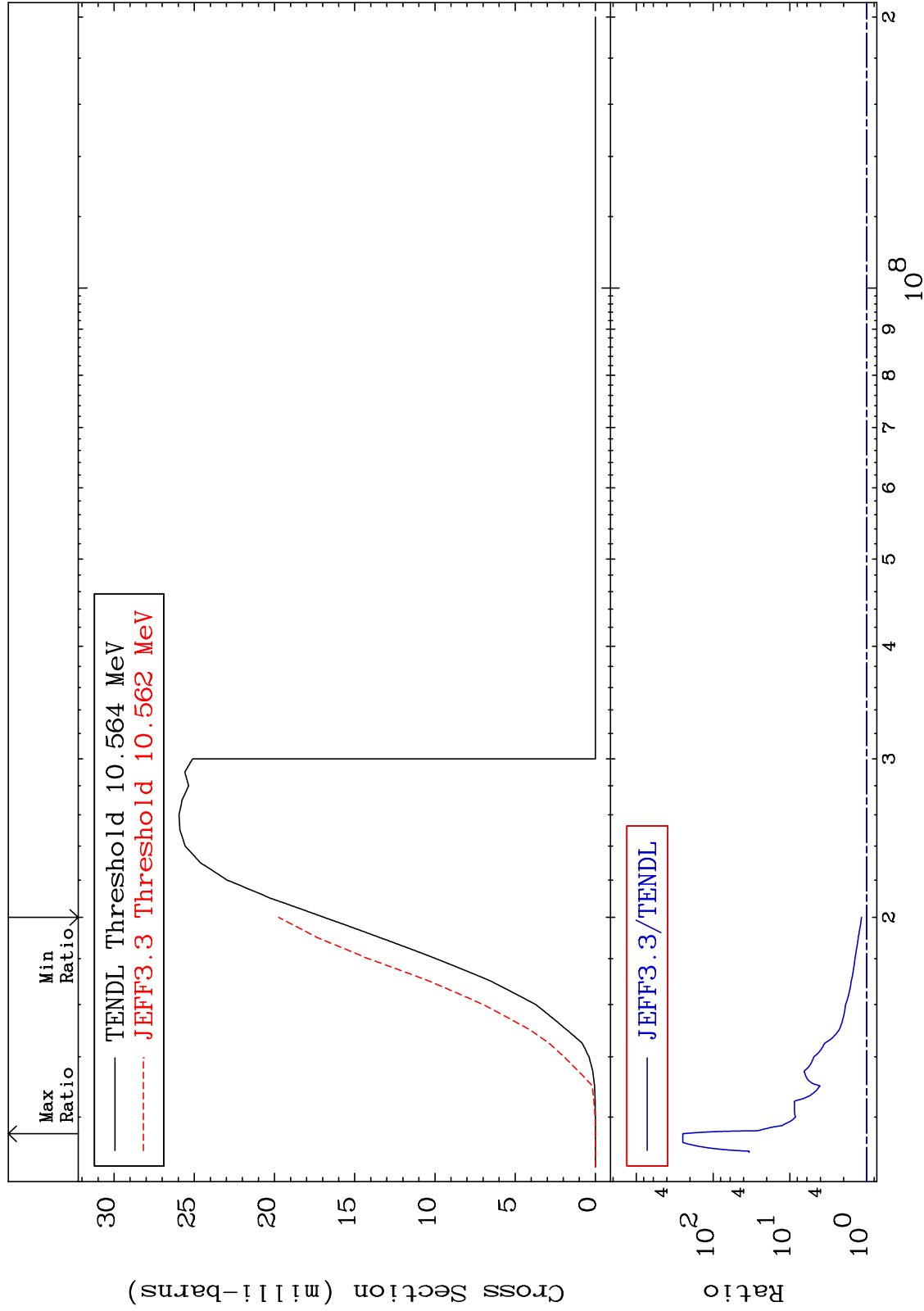
MAT 1837

(n,d)

18-Ar-40

Cross Section

16.79 To 9999. %



36

Incident Energy (eV)

18-Ar-40

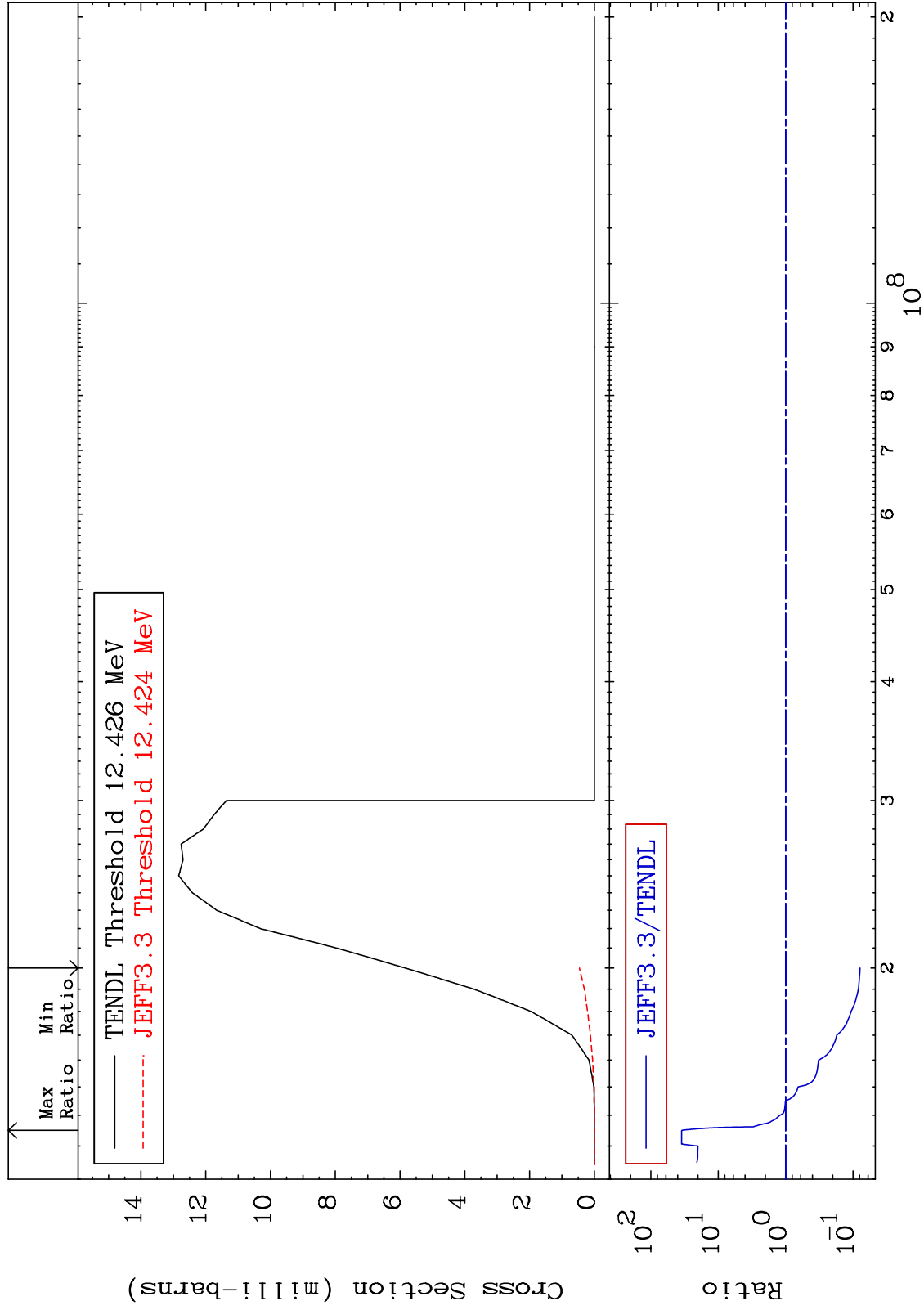
MAT 1837

(n, t)

18-Ar-40

Cross Section

-92.14 To 3397. %



37

Incident Energy (eV)

18-Ar-40

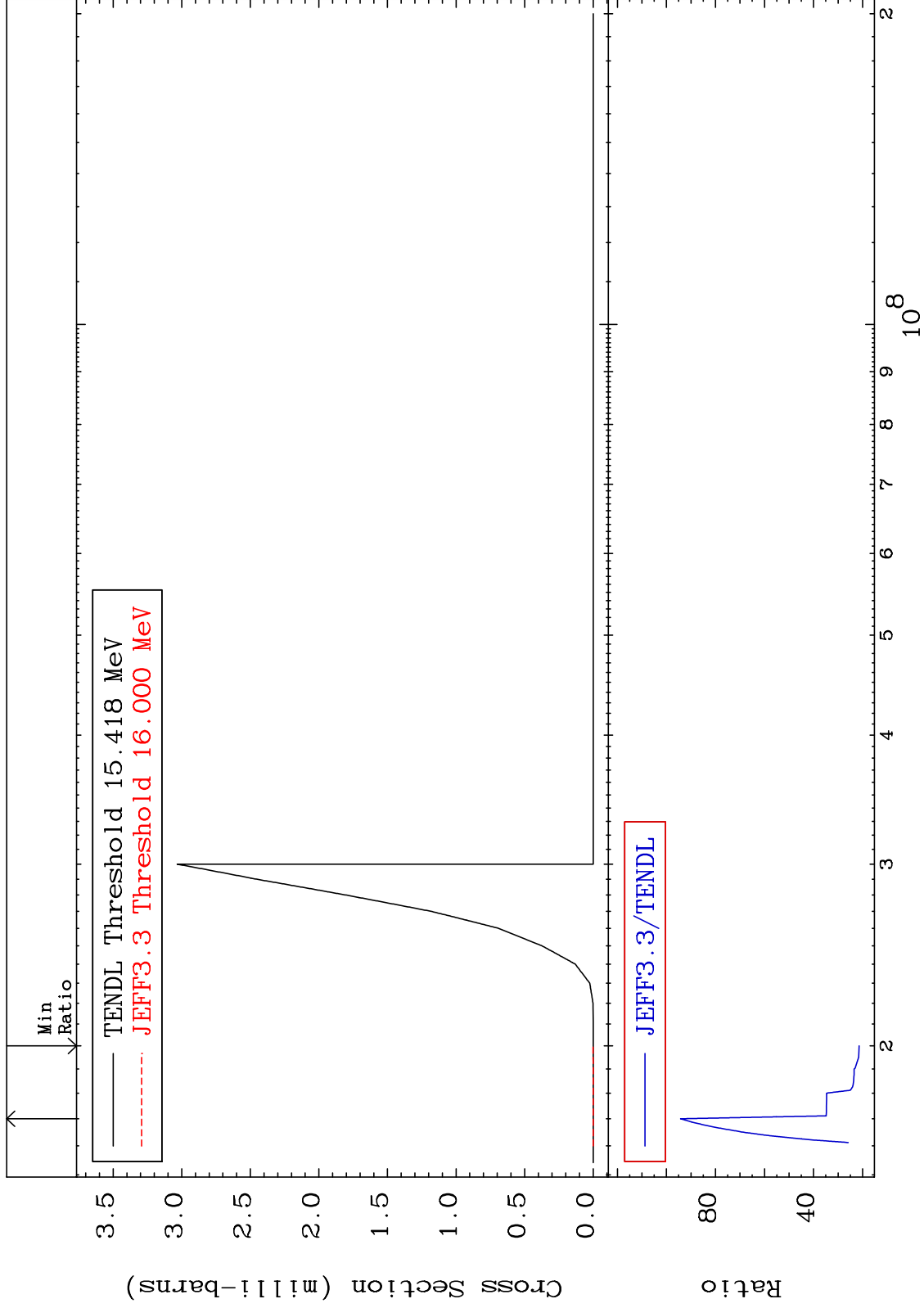
MAT 1837

(n, He-3)

18-Ar-40

Cross Section

2040. To 9321. %



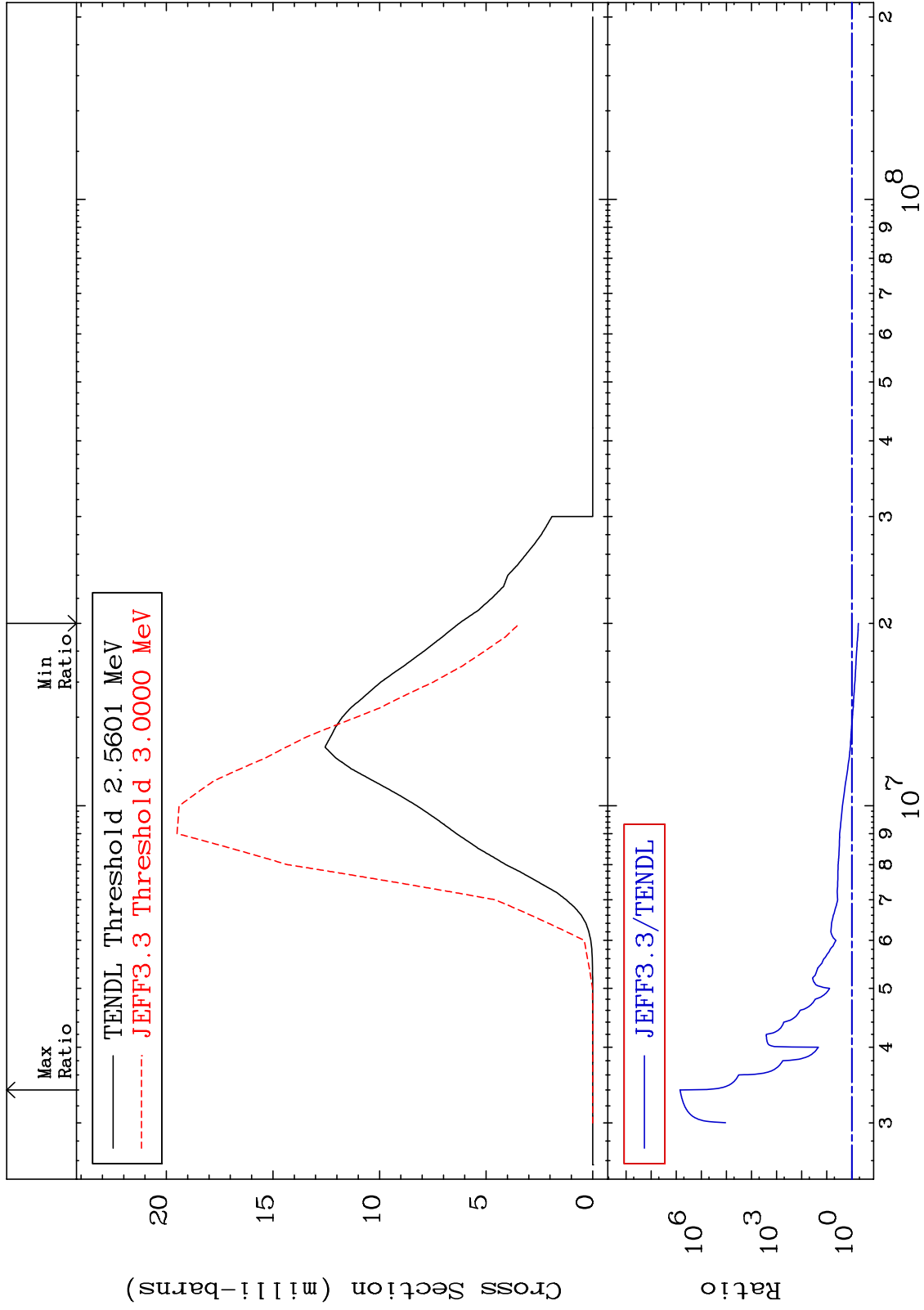
MAT 1837

(n, α)

18-Ar-40

Cross Section

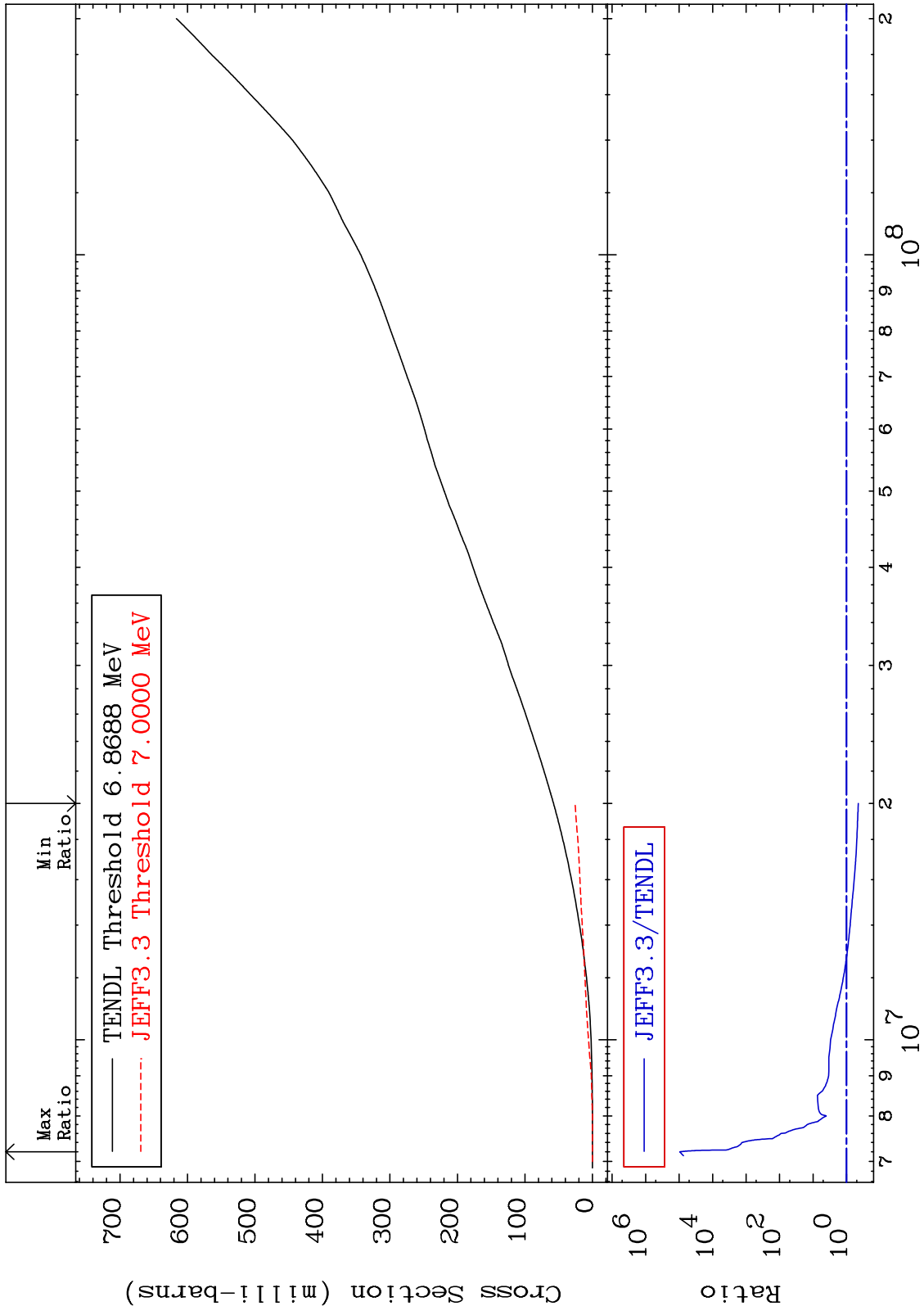
-45.49 To 9999. %



MAT 1837

Hydrogen Production
Cross Section

18-Ar-40
-55.46 To 9999. %



40

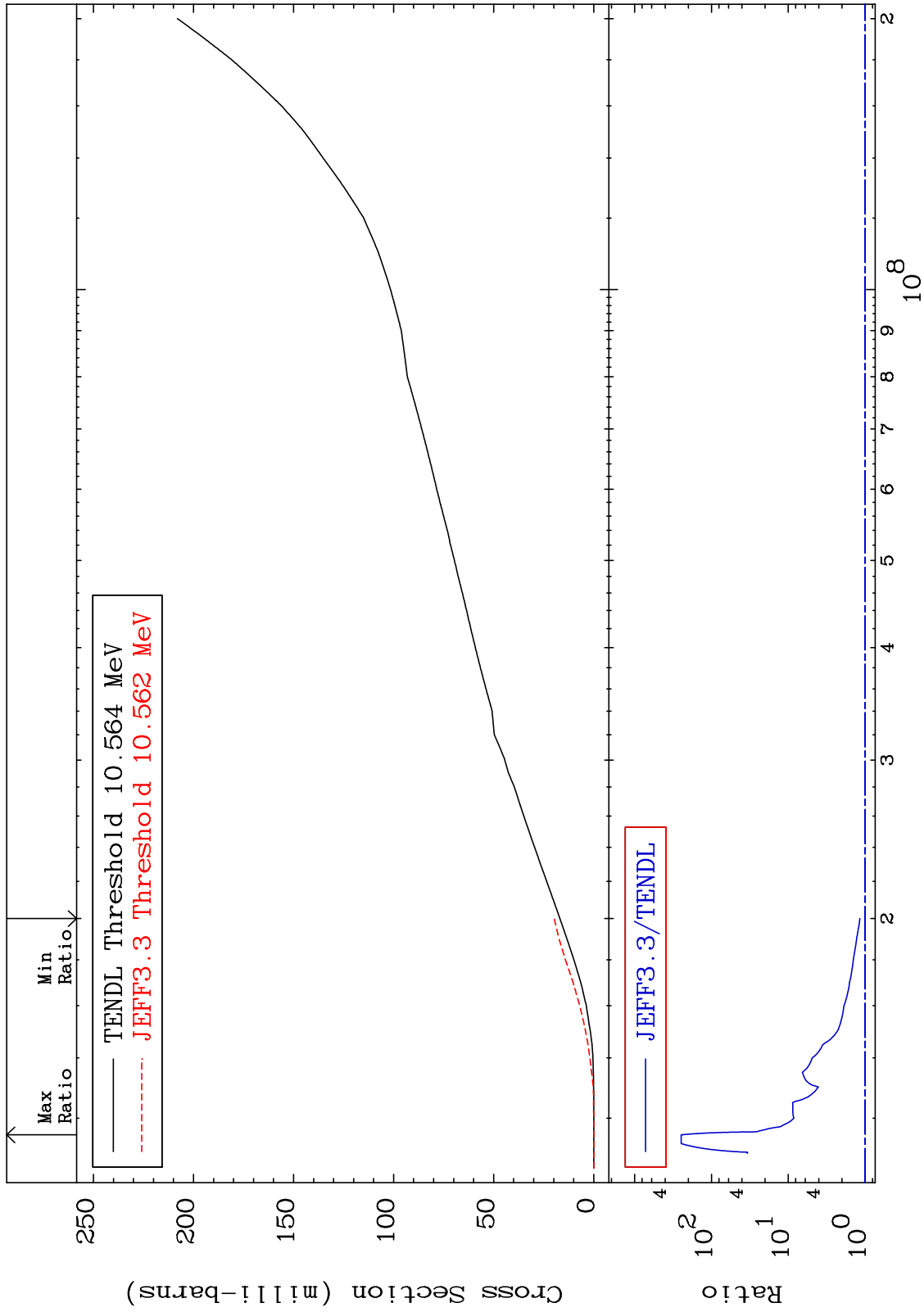
Incident Energy (eV)

18-Ar-40

MAT 1837

Deuterium Production
Cross Section

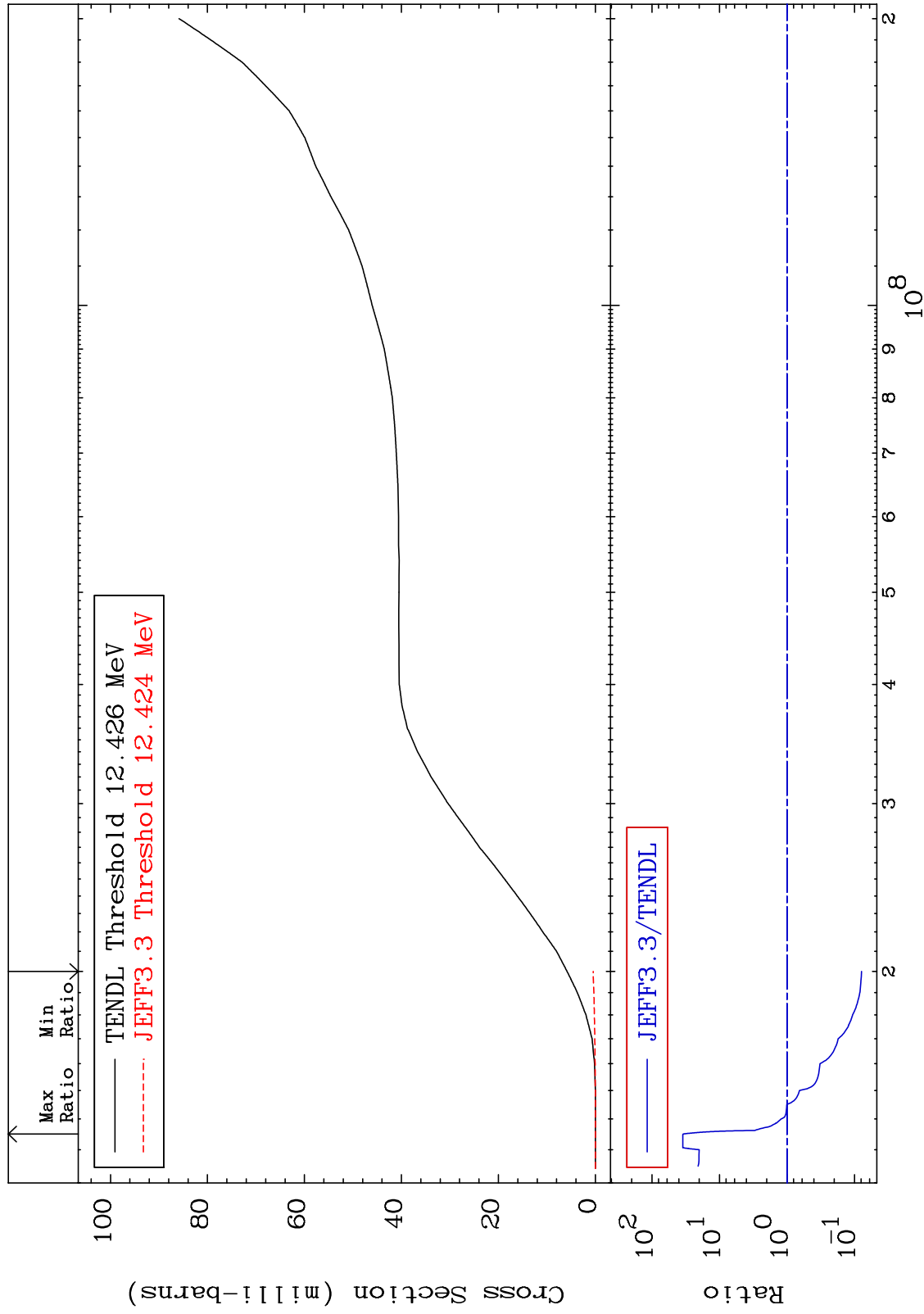
18-Ar-40
16.79 To 9999. %



MAT 1837

Tritium Production
Cross Section

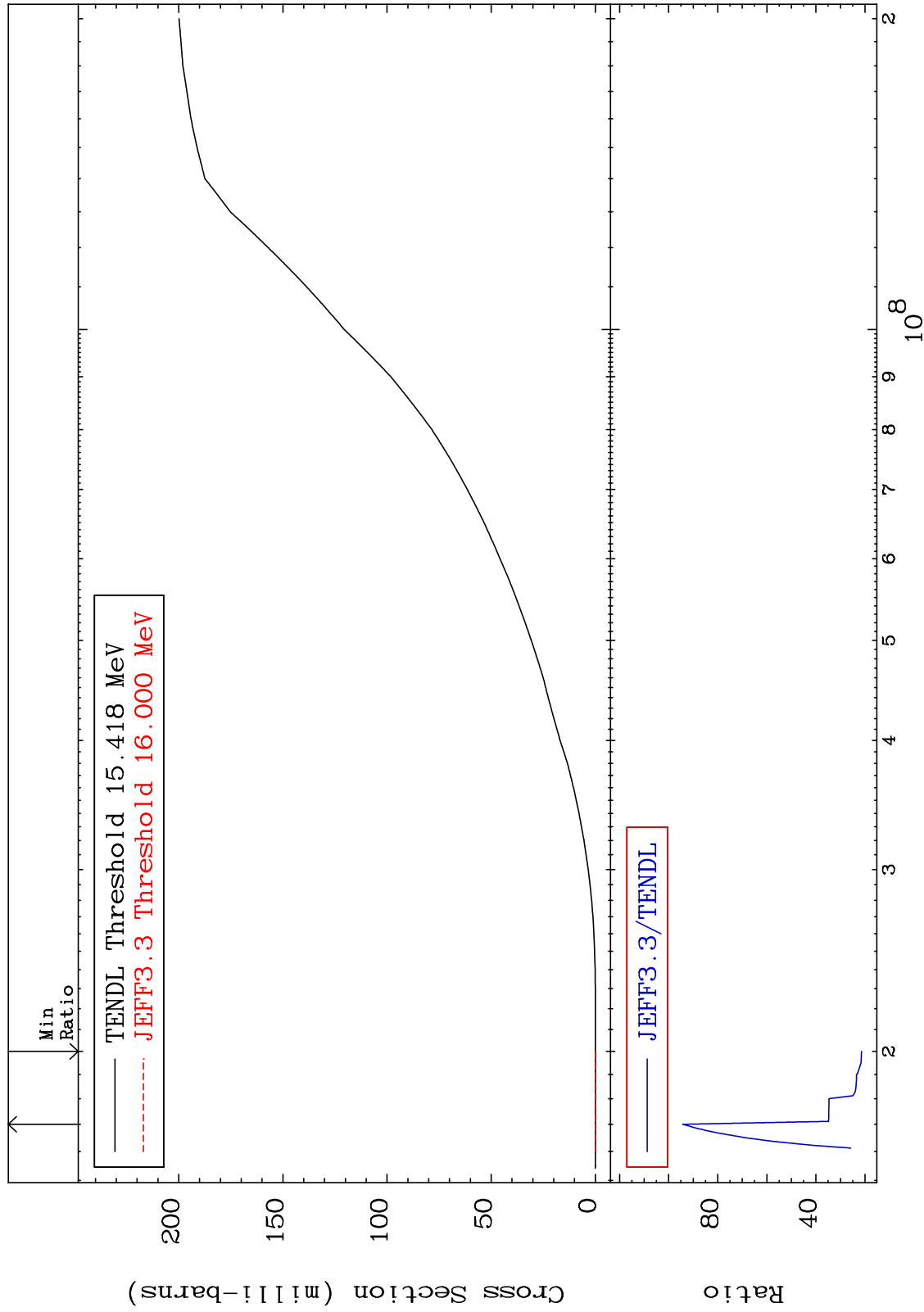
18-Ar-40
-92.14 To 3397. %



MAT 1837

He-3 Production
Cross Section

18-Ar-40
2040. To 9321. %

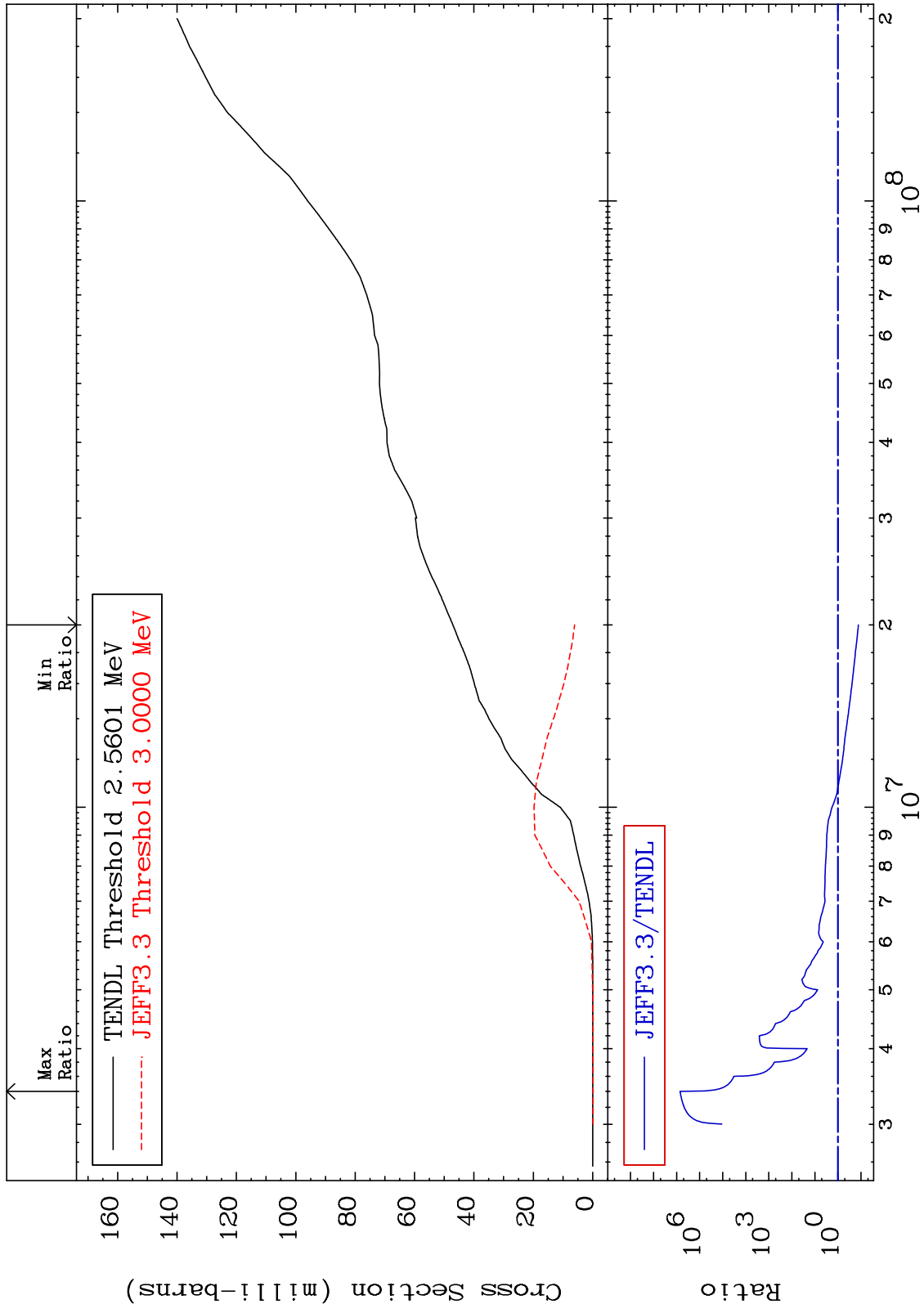


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Incident Energy (eV)

18-Ar-40

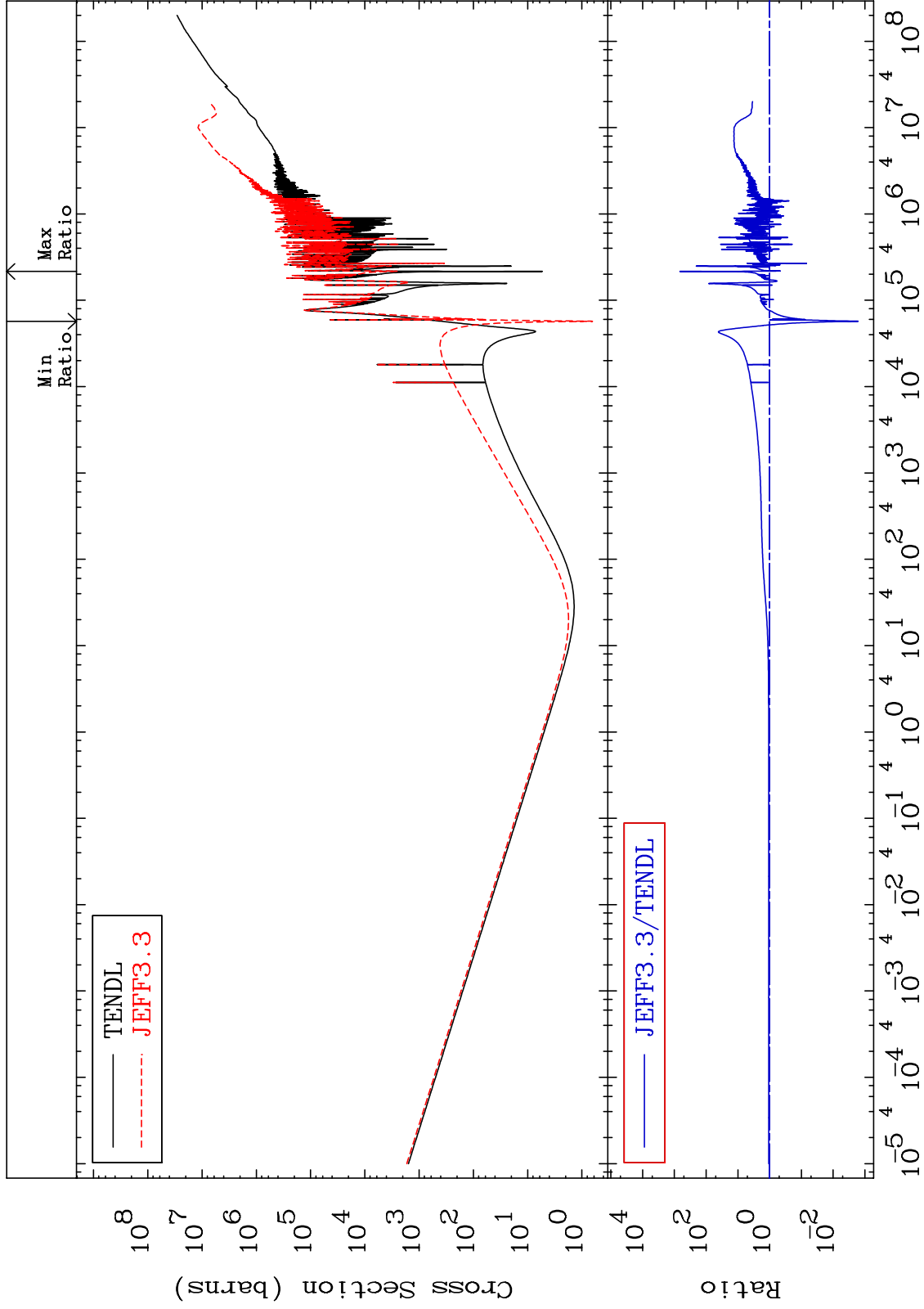
MAT 1837 He-4 Production Cross Section 18-Ar-40
 -87.13 To 9999. %



MAT 1837

Kerma total (eV-barns)
Cross Section

18-Ar-40
-99.84 To 9999. %



45

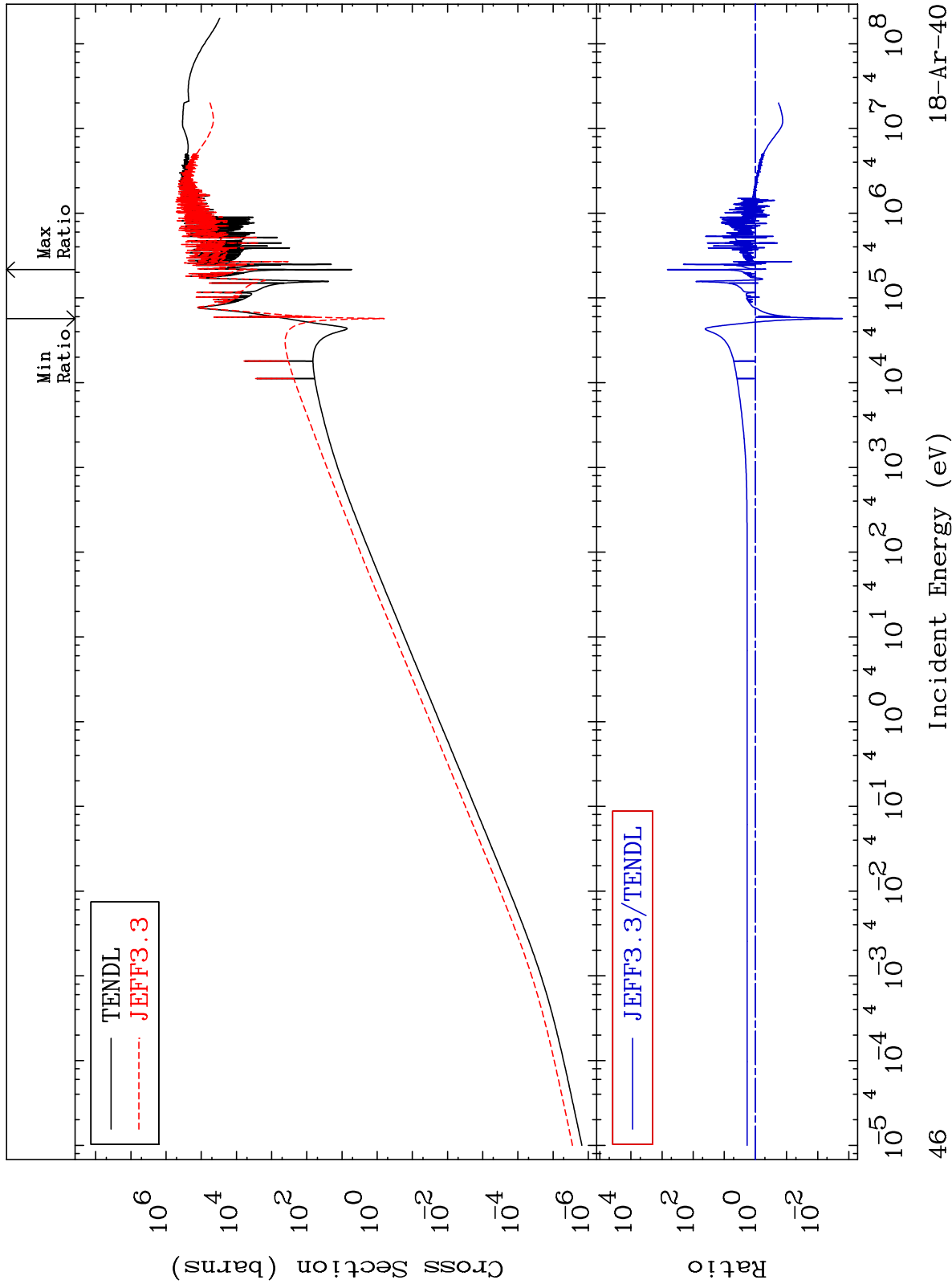
Incident Energy (eV)

18-Ar-40

MAT 1837

Kerma elastic
Cross Section

18-Ar-40
-99.84 To 9999. %



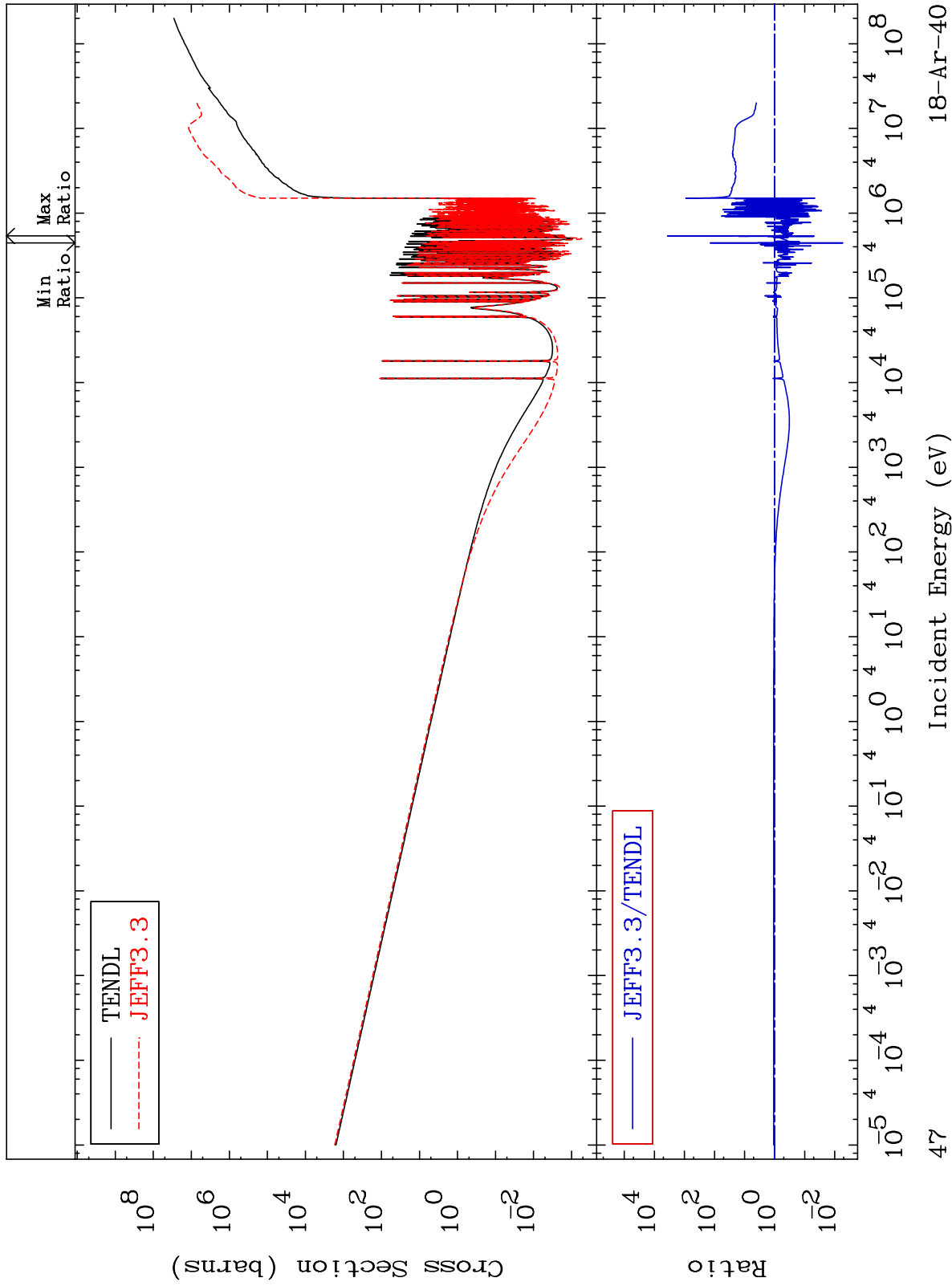
46

18-Ar-40

MAT 1837

Kerma non-elastic (all but mt2)
Cross Section

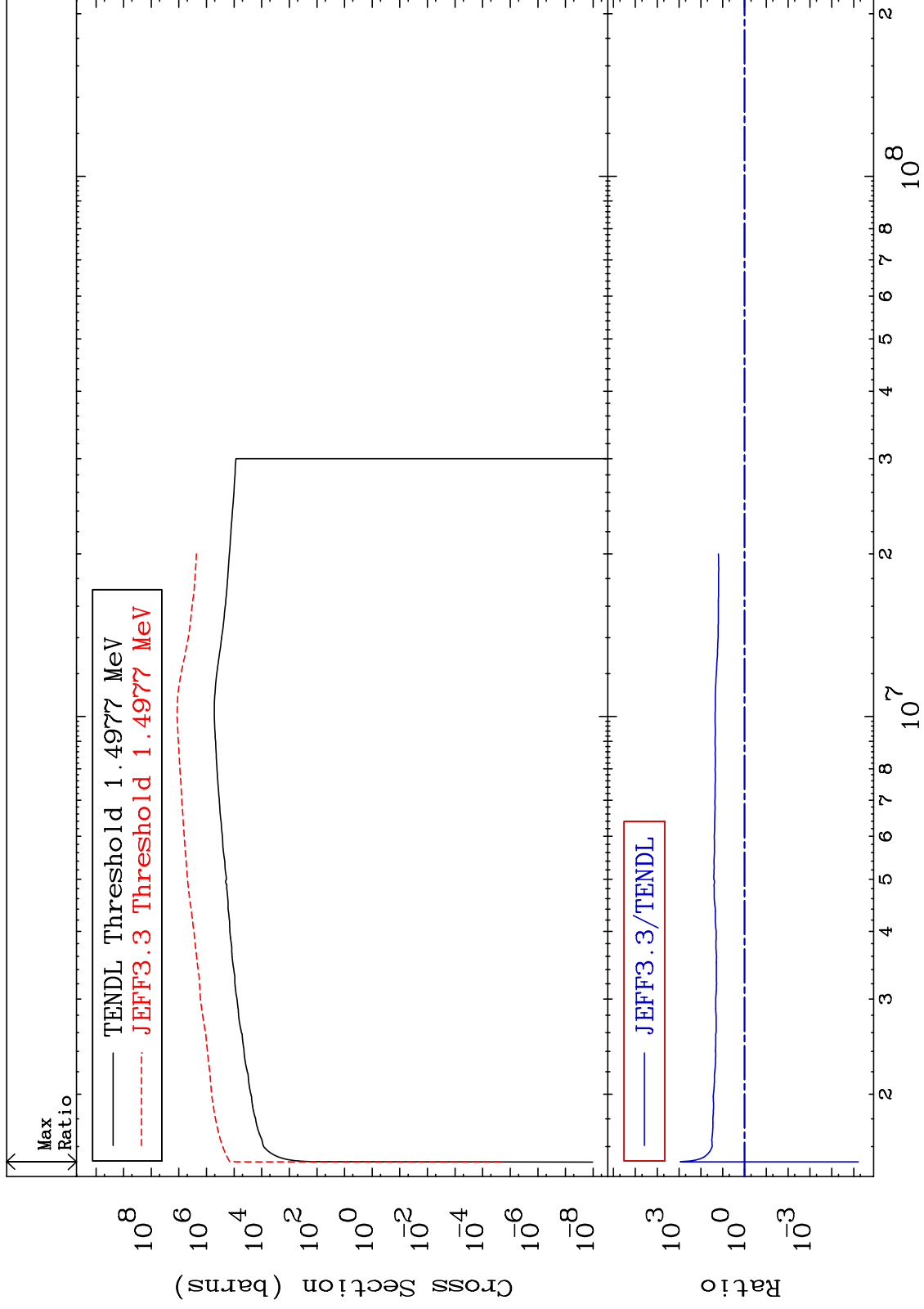
18-Ar-40
-99.46 To 9999. %



MAT 1837

Kerma inelastic (mt51-91)
Cross Section

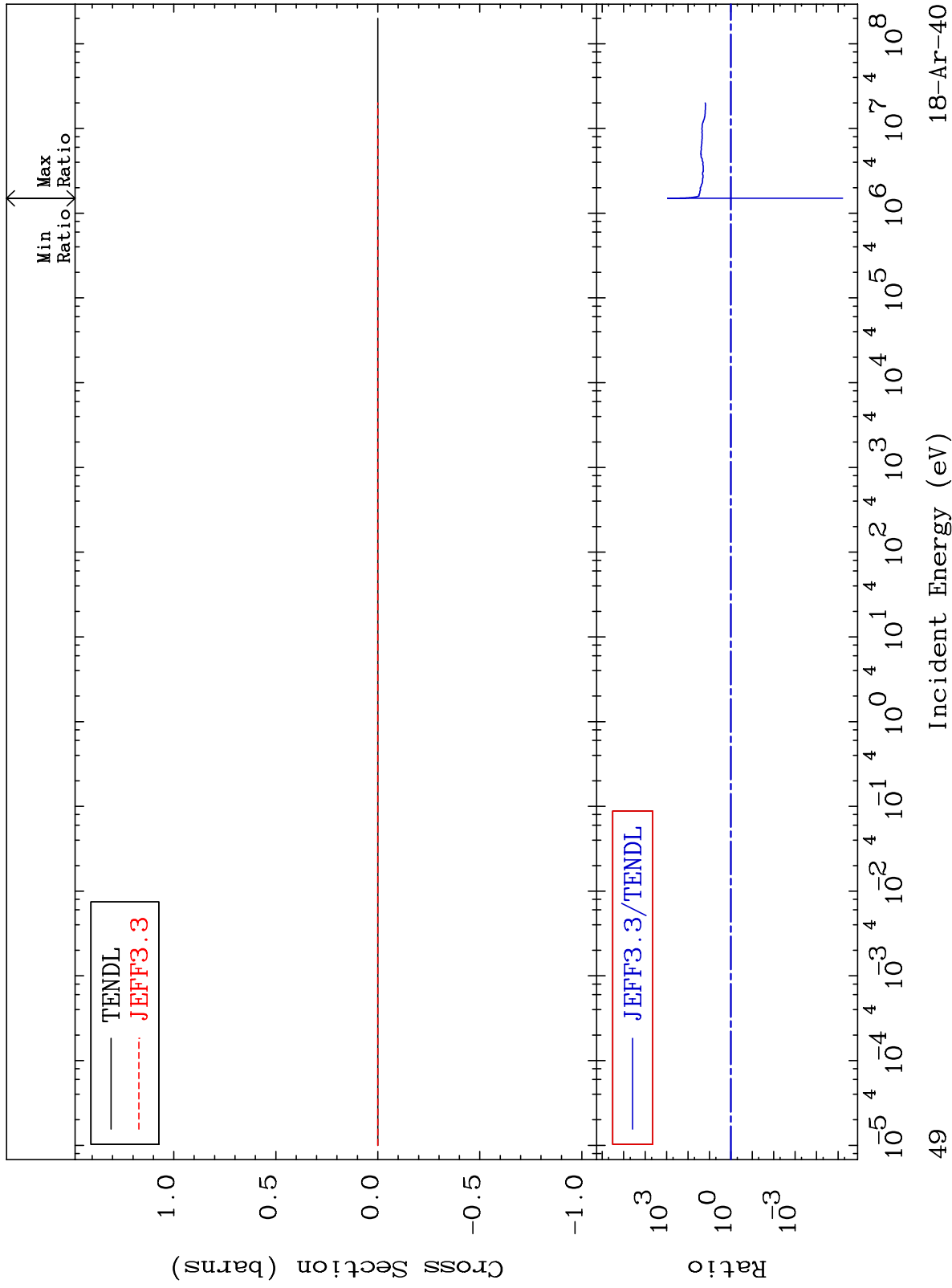
18-Ar-40
-100.0 To 9999. %



MAT 1837

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

18-Ar-40
-100.0 To 9999. %



49

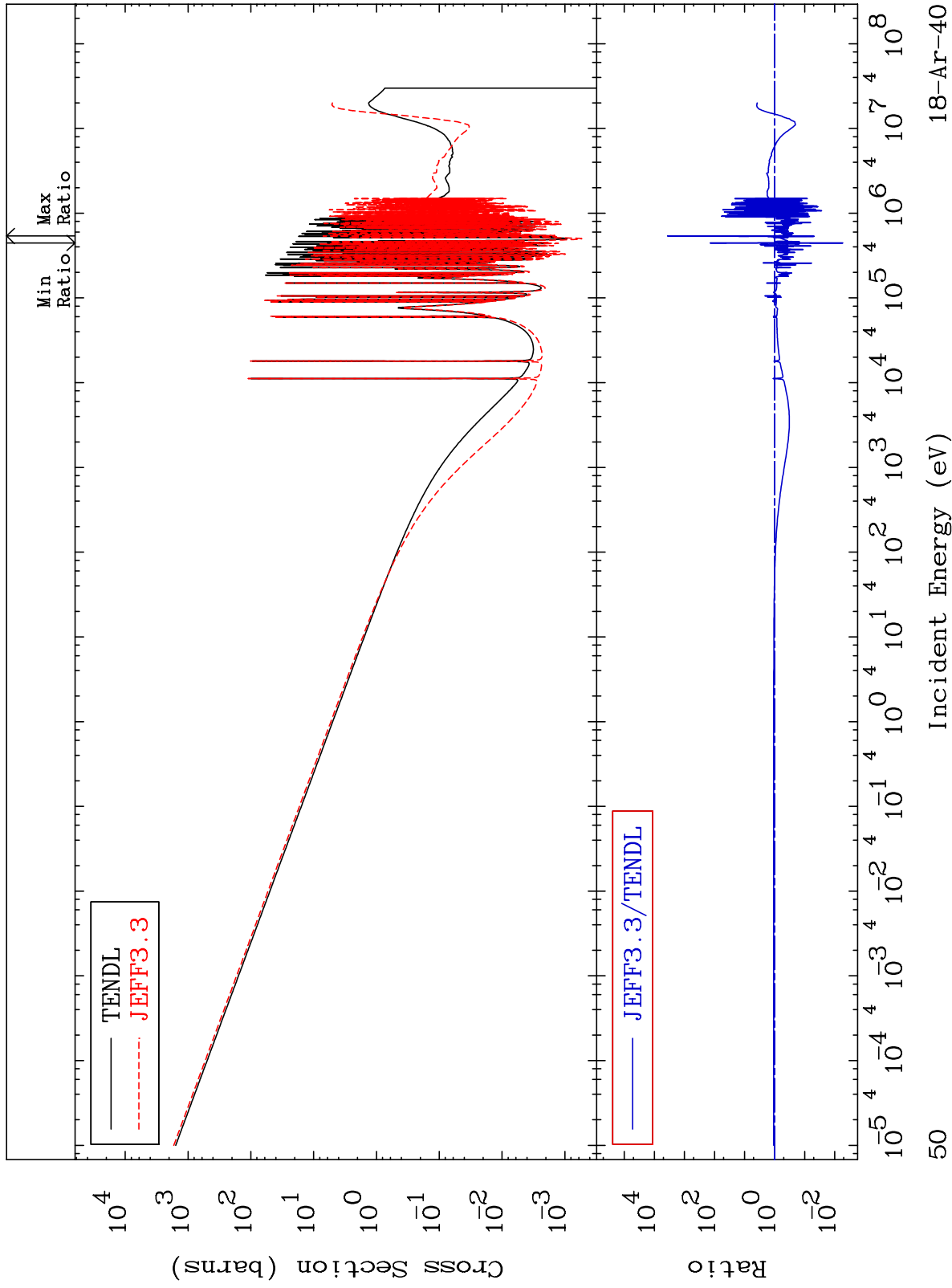
Incident Energy (eV)

18-Ar-40

MAT 1837

Kerma capture (mt102)
Cross Section

18-Ar-40
-99.46 To 9999. %



50

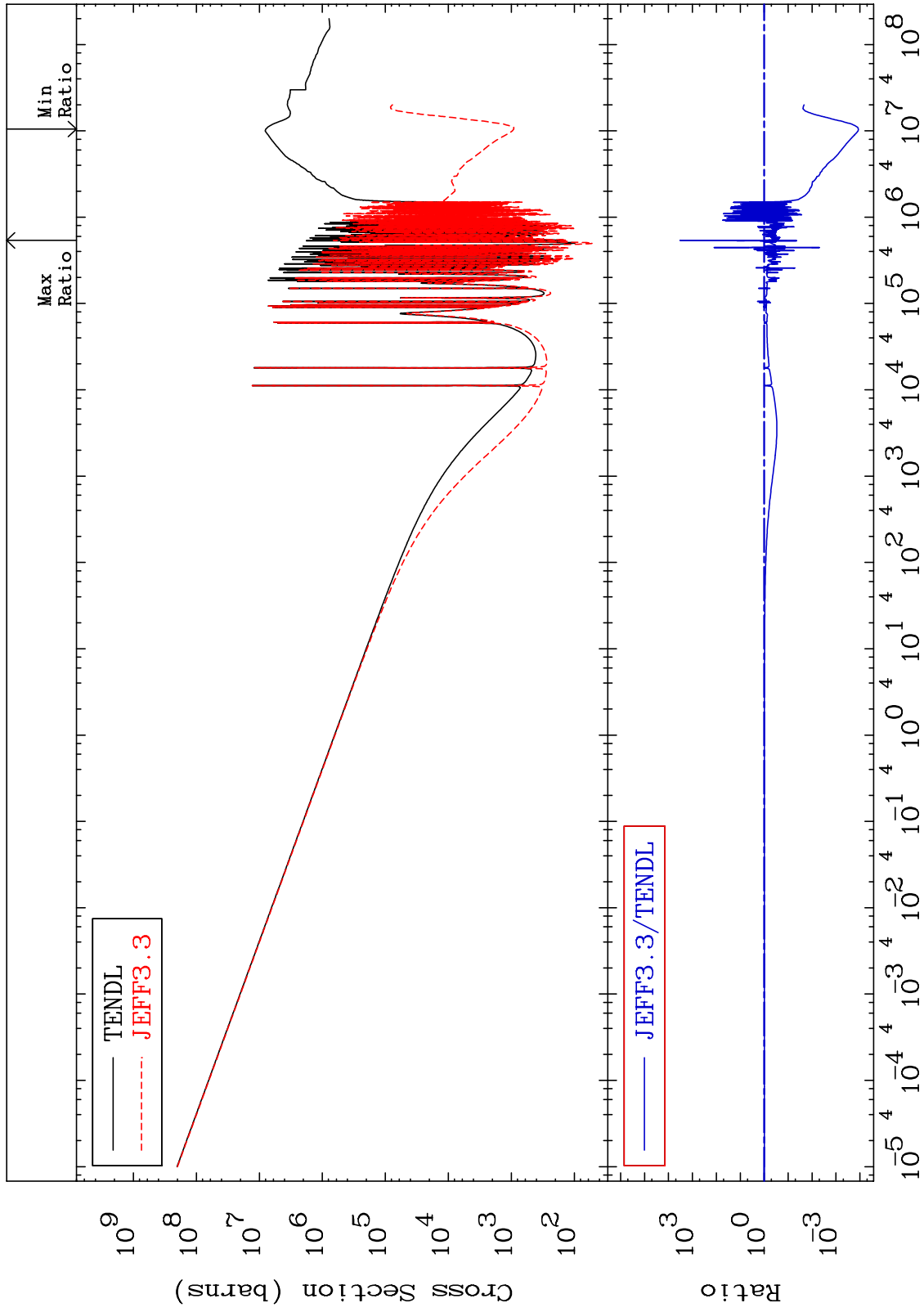
Incident Energy (eV)

18-Ar-40

MAT 1837

Total photon (eV-barns)
Cross Section

18-Ar-40
-99.99 To 9999. %



51

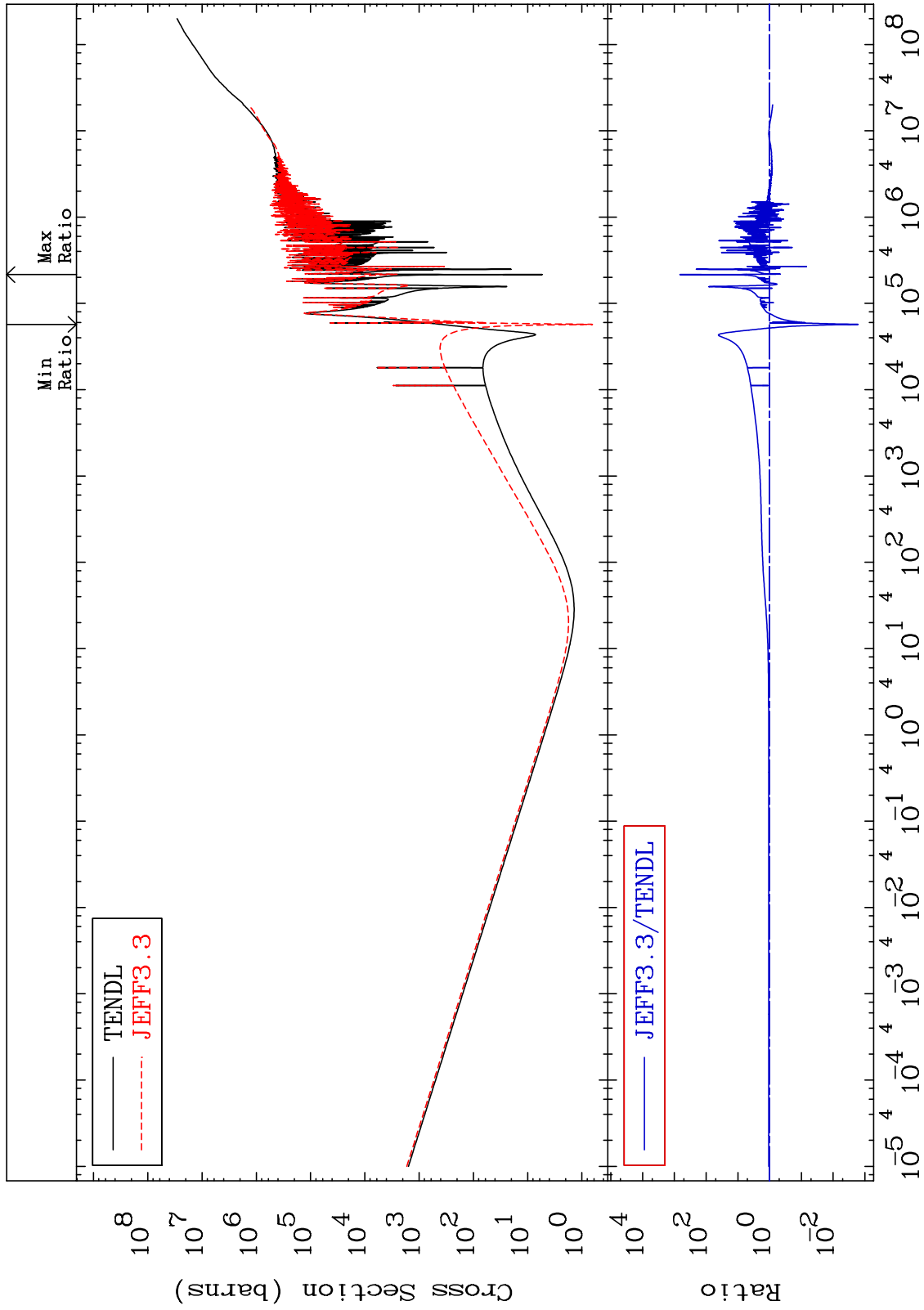
Incident Energy (eV)

18-Ar-40

MAT 1837

Total kinematic kerma (high limit)
Cross Section

18-Ar-40
-99.84 To 9999. %



52

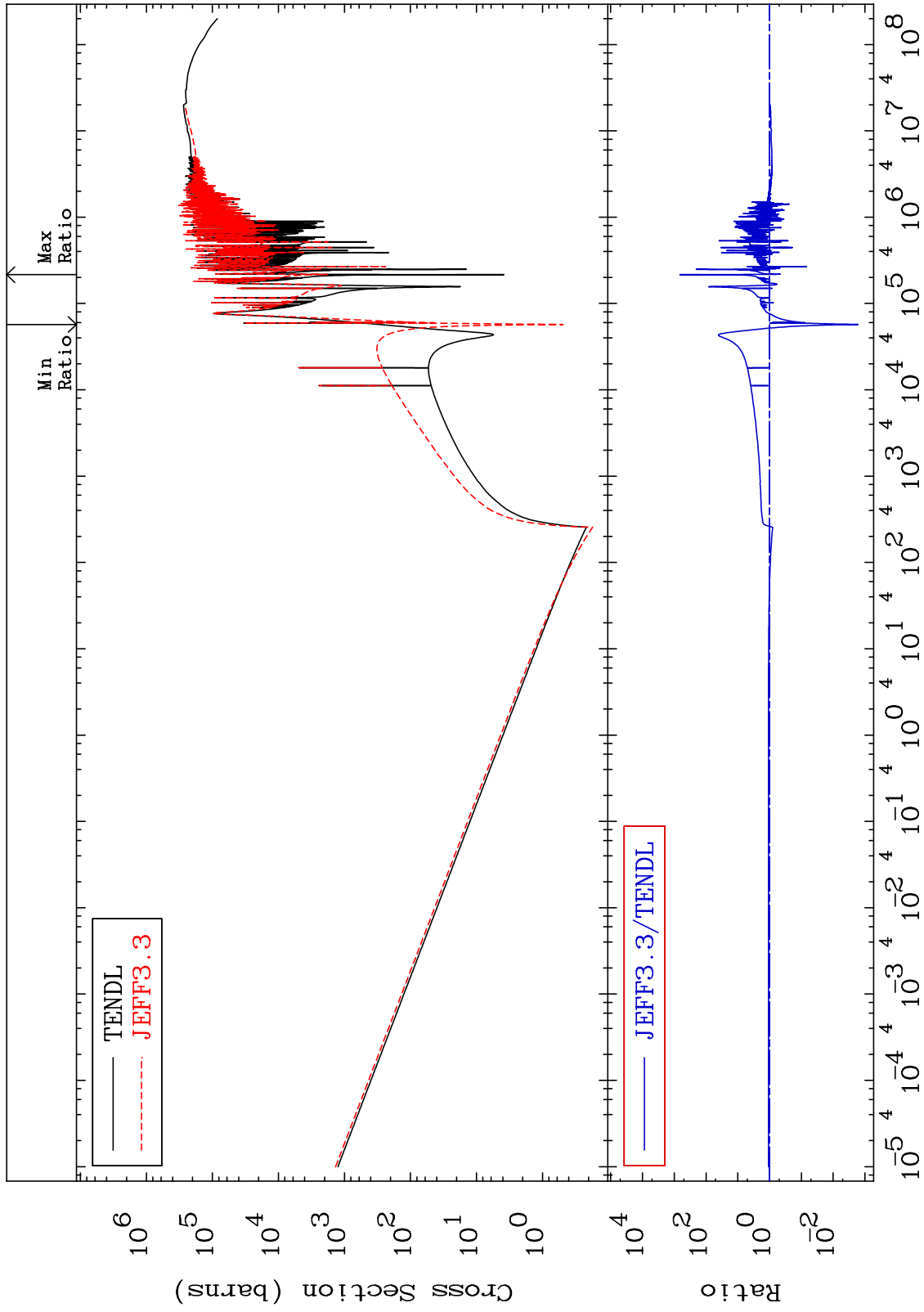
Incident Energy (eV)

18-Ar-40

MAT 1837

Dpa total (eV-barns)
Cross Section

18-Ar-40
-99.84 To 9999. %



53

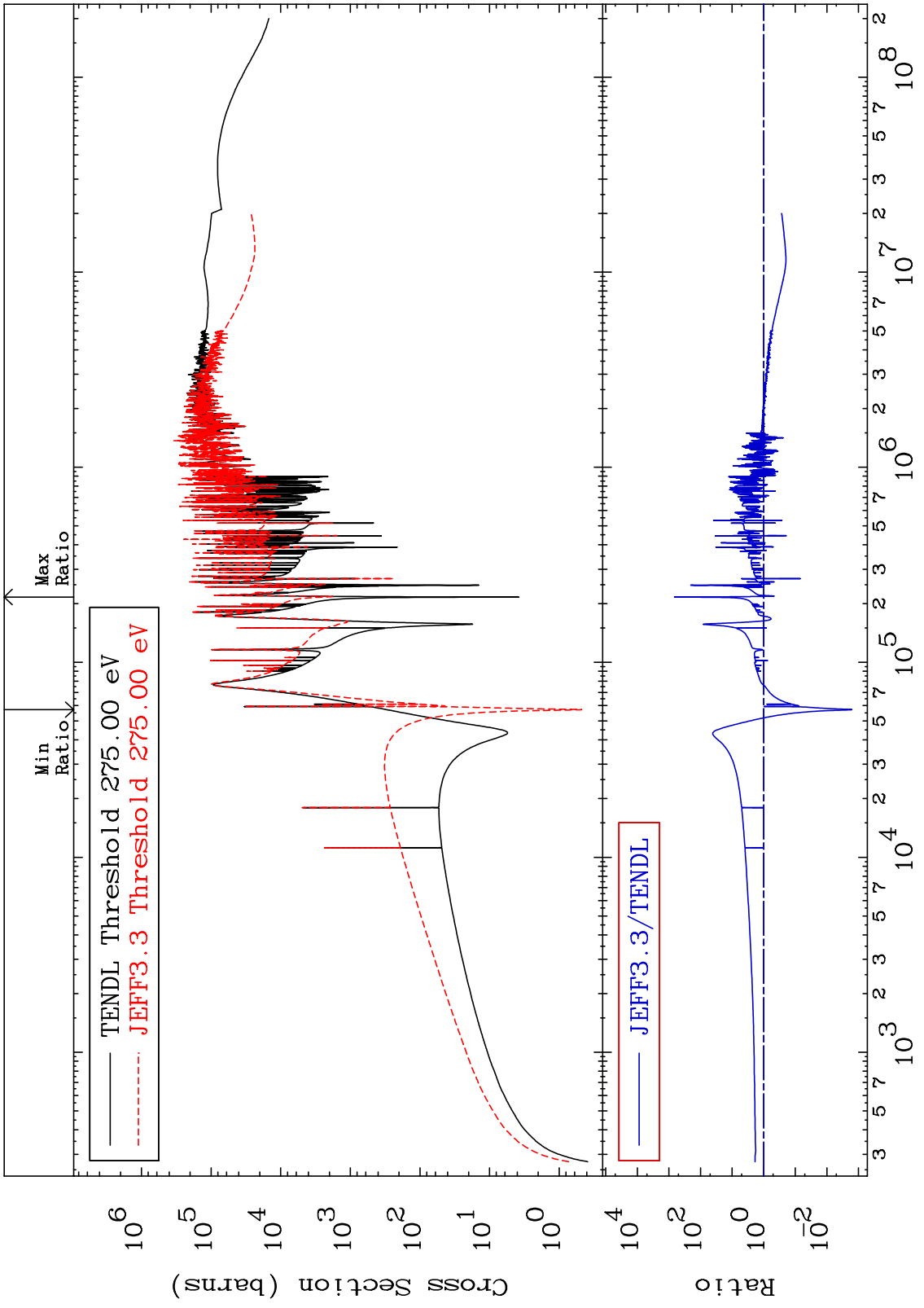
Incident Energy (eV)

18-Ar-40

MAT 1837

Dpa elastic (mt2)
Cross Section

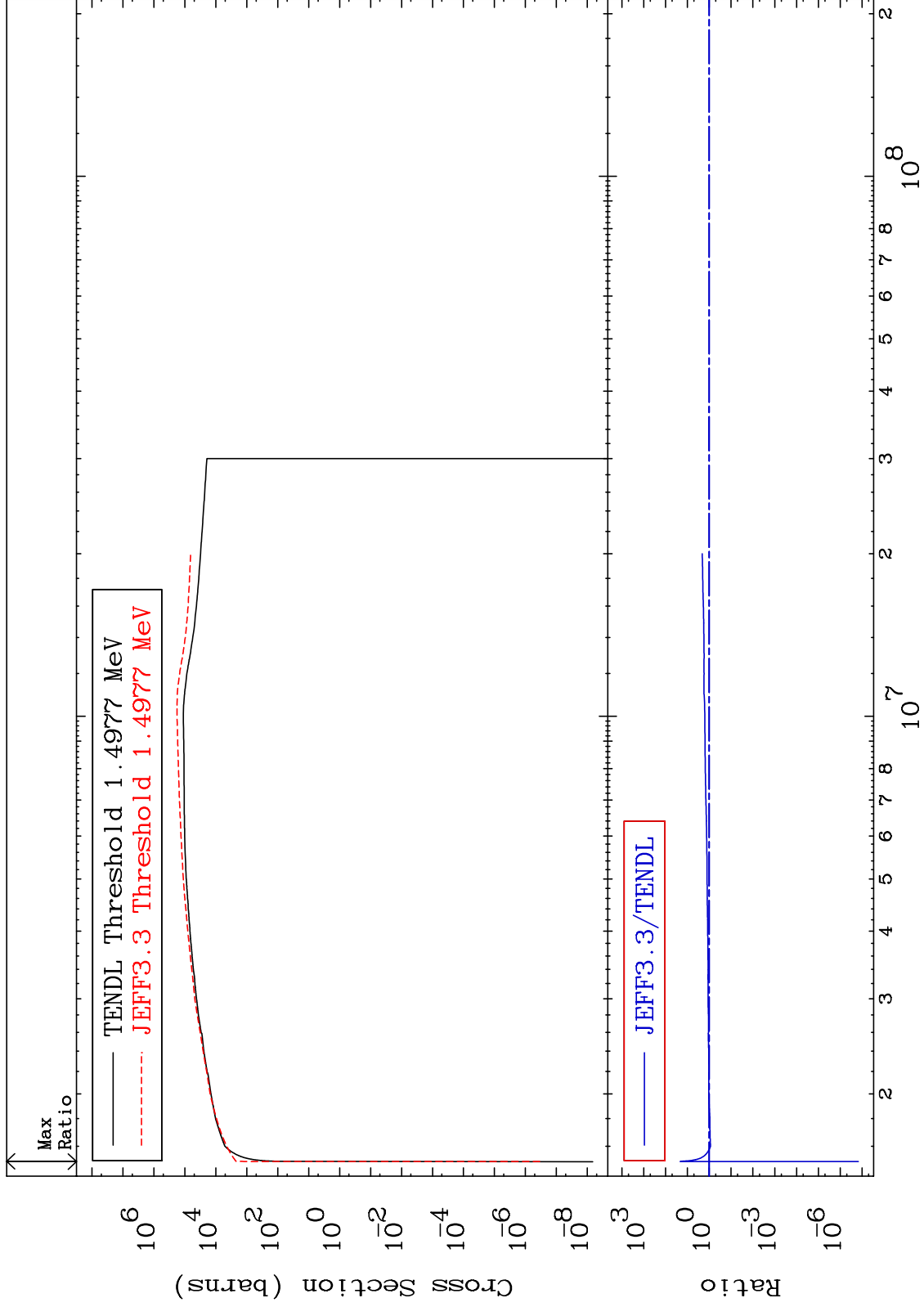
18-Ar-40
-99.84 To 9999. %



MAT 1837

Dpa inelastic (mt51-91)
Cross Section

18-Ar-40
-100.0 To 2075. %



MAT 1837

Dpa disappearance (mt102 -120)
Cross Section

18-Ar-40
-99.45 To 9999. %

