

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

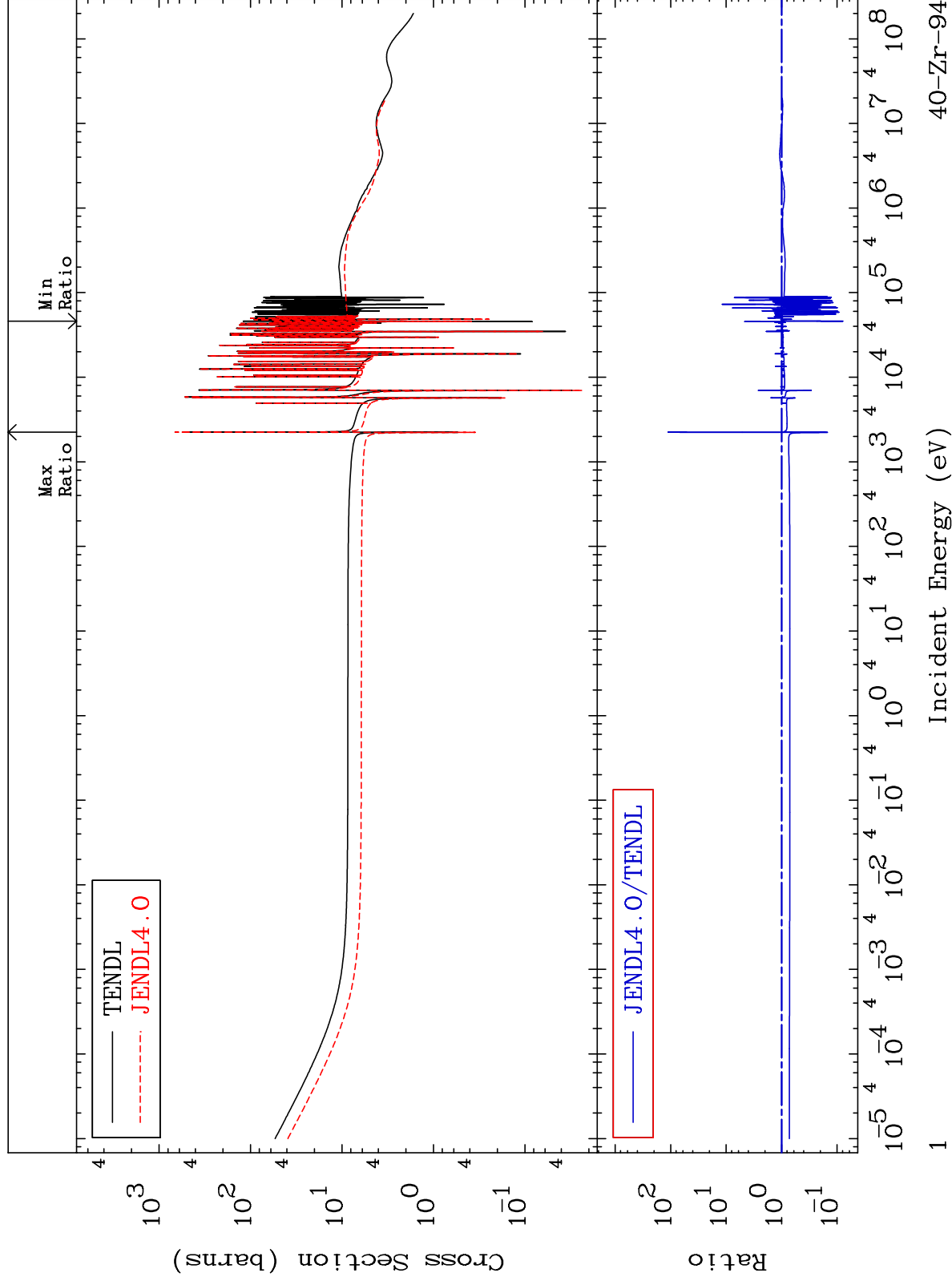
MAT 4037

Total

40-Zr-94

Cross Section

-92.12 To 9999. %



40-Zr-94

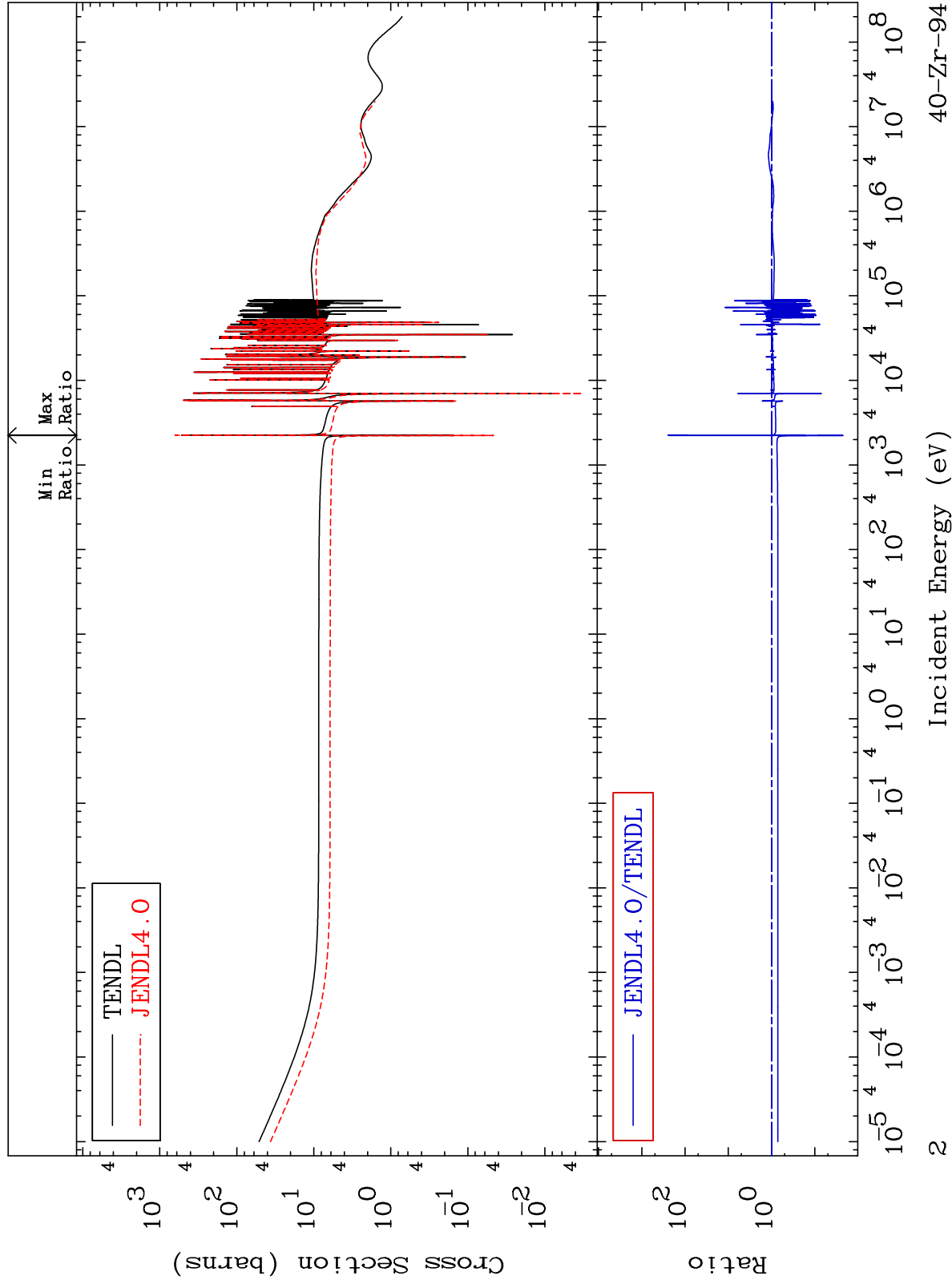
MAT 4037

Elastic

Cross Section

40-Zr-94

-97.75 To 9999. %



Incident Energy (eV)

40-Zr-94

2

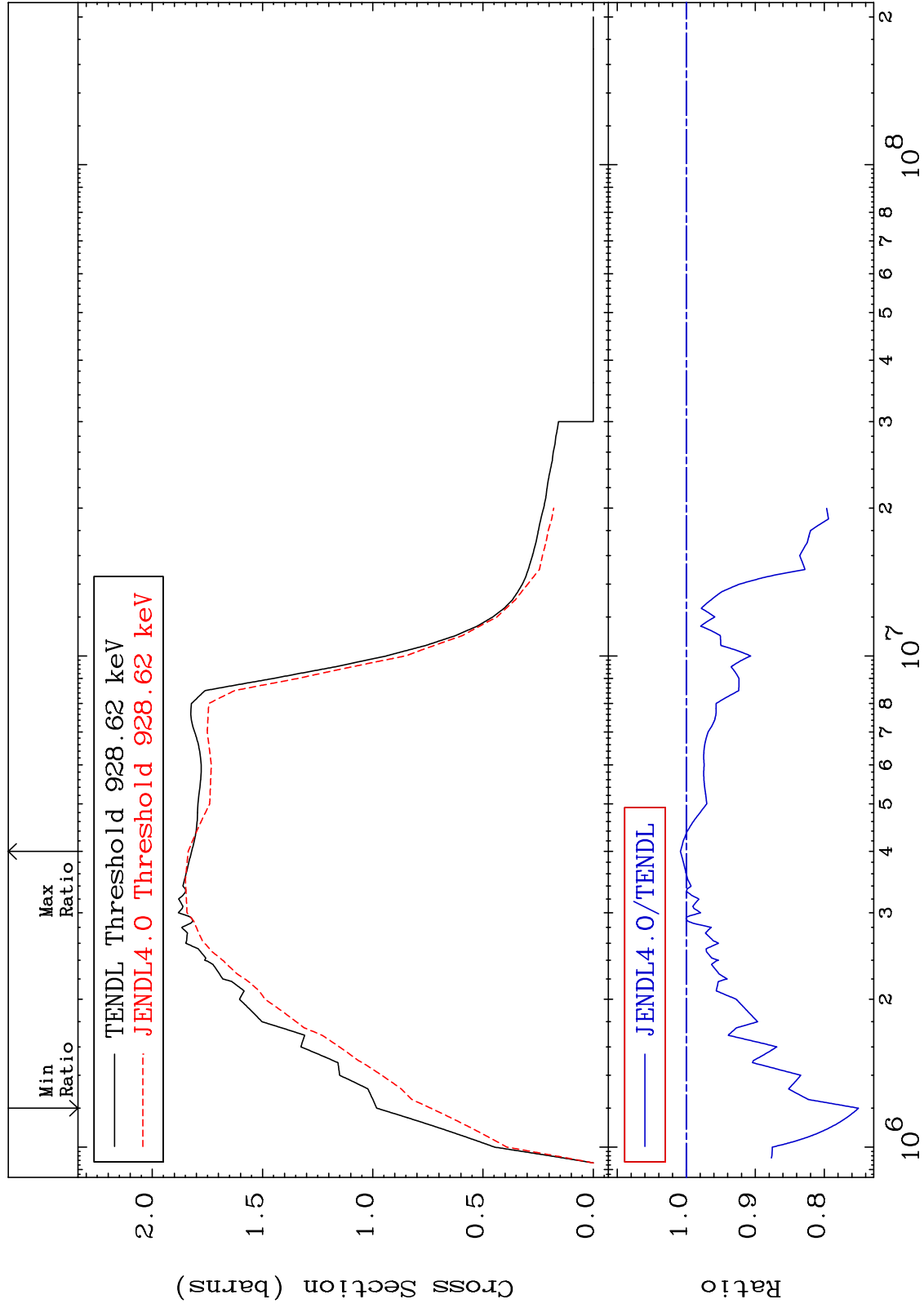
MAT 4037

Inelastic

40-Zr-94

Cross Section

-24.96 To 0.851 %



Incident Energy (eV)

40-Zr-94

3

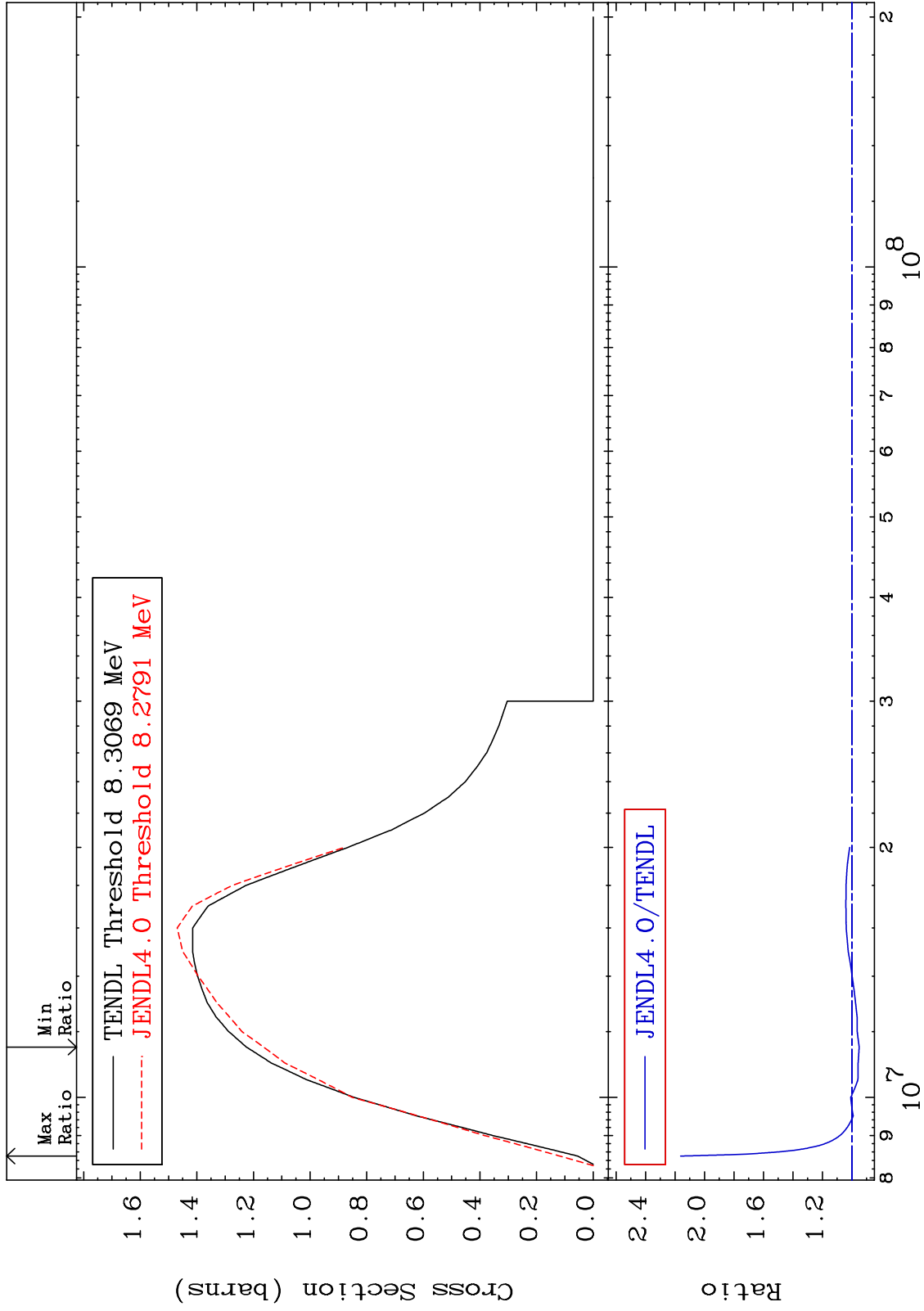
MAT 4037

(n,2n)

40-Zr-94

Cross Section

-4.953 To 116.2 %



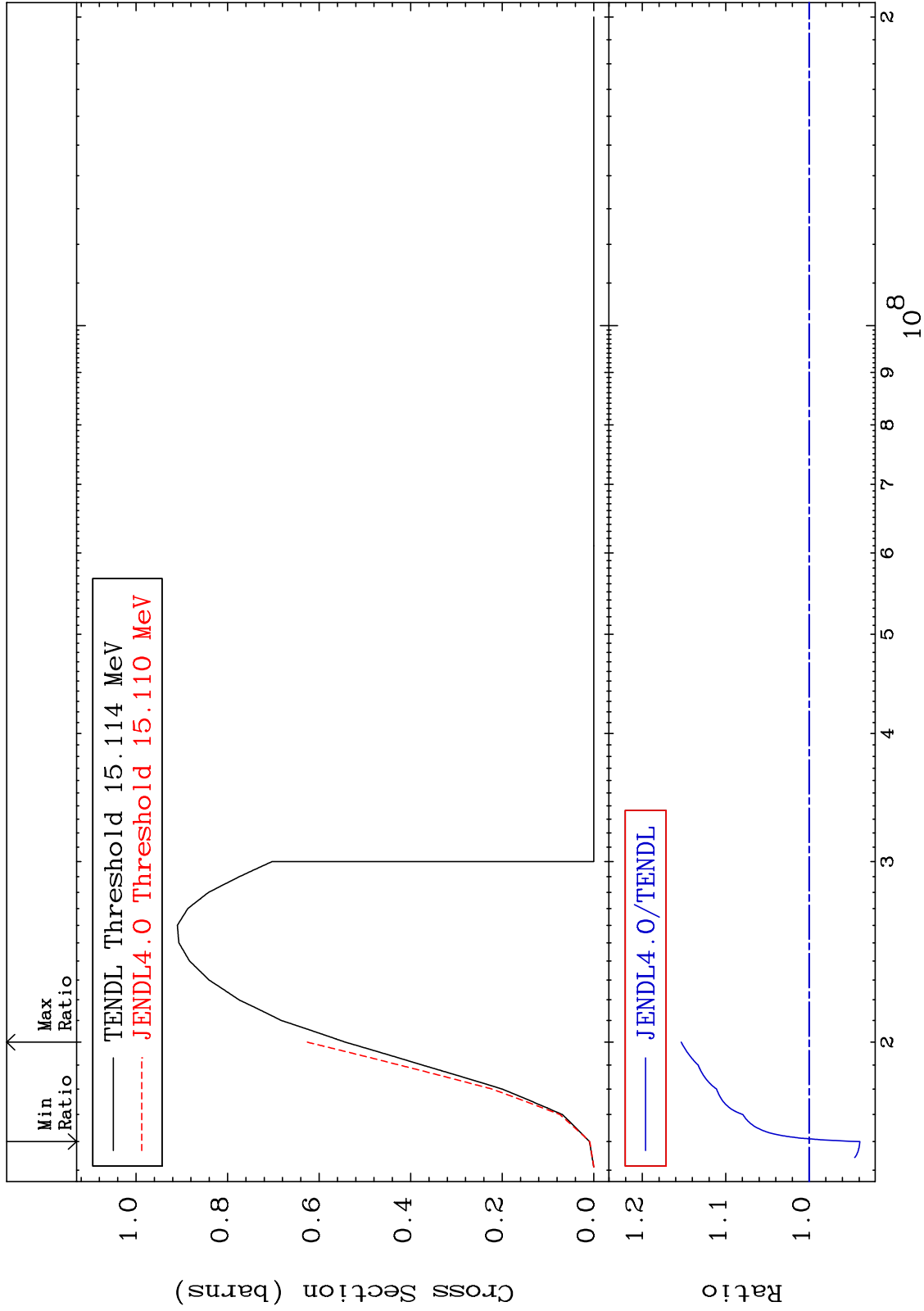
MAT 4037

(n,3n)

40-Zr-94

Cross Section

-6.093 To 15.33 %



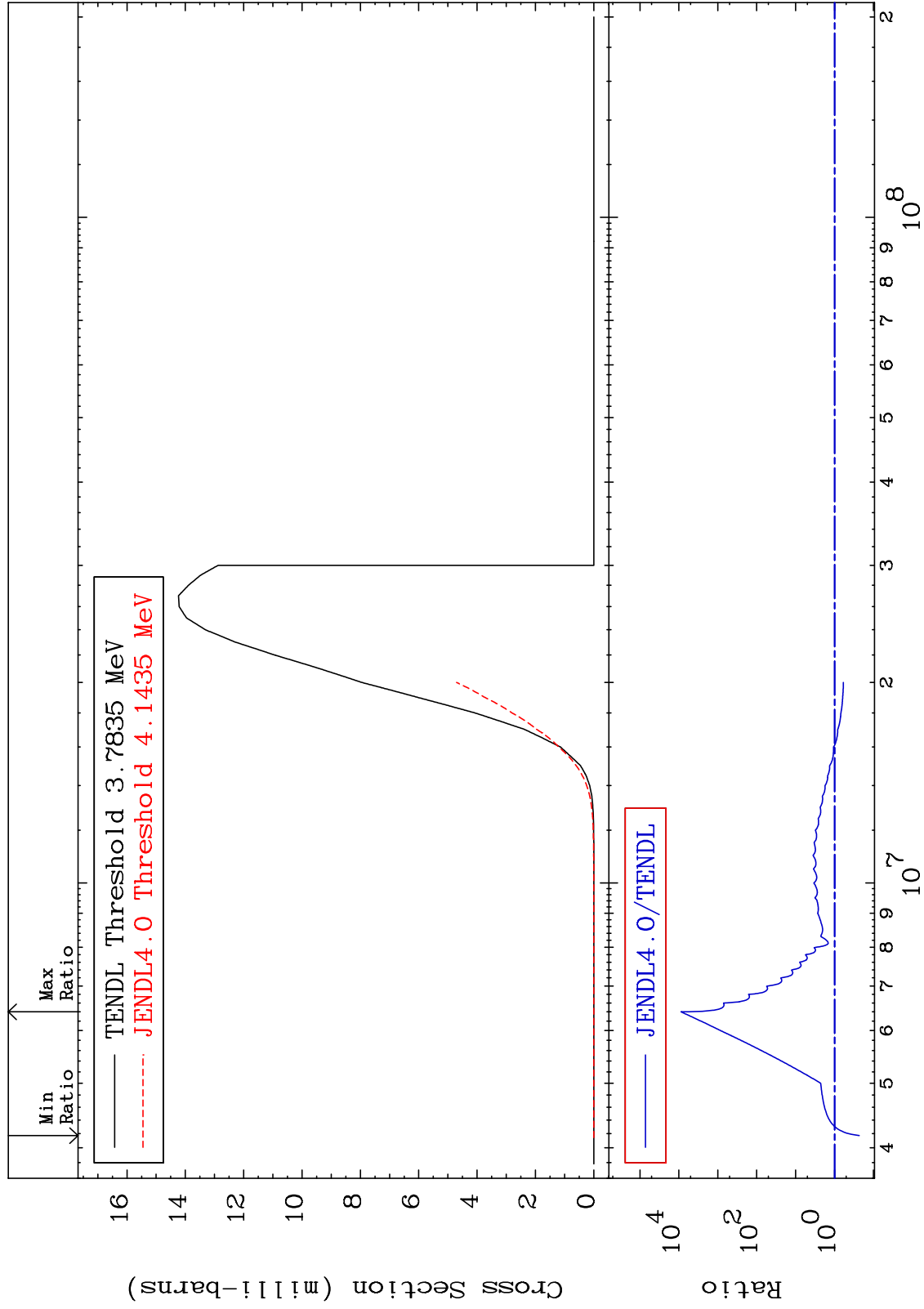
MAT 4037

(n,n') α

40-Zr-94

Cross Section

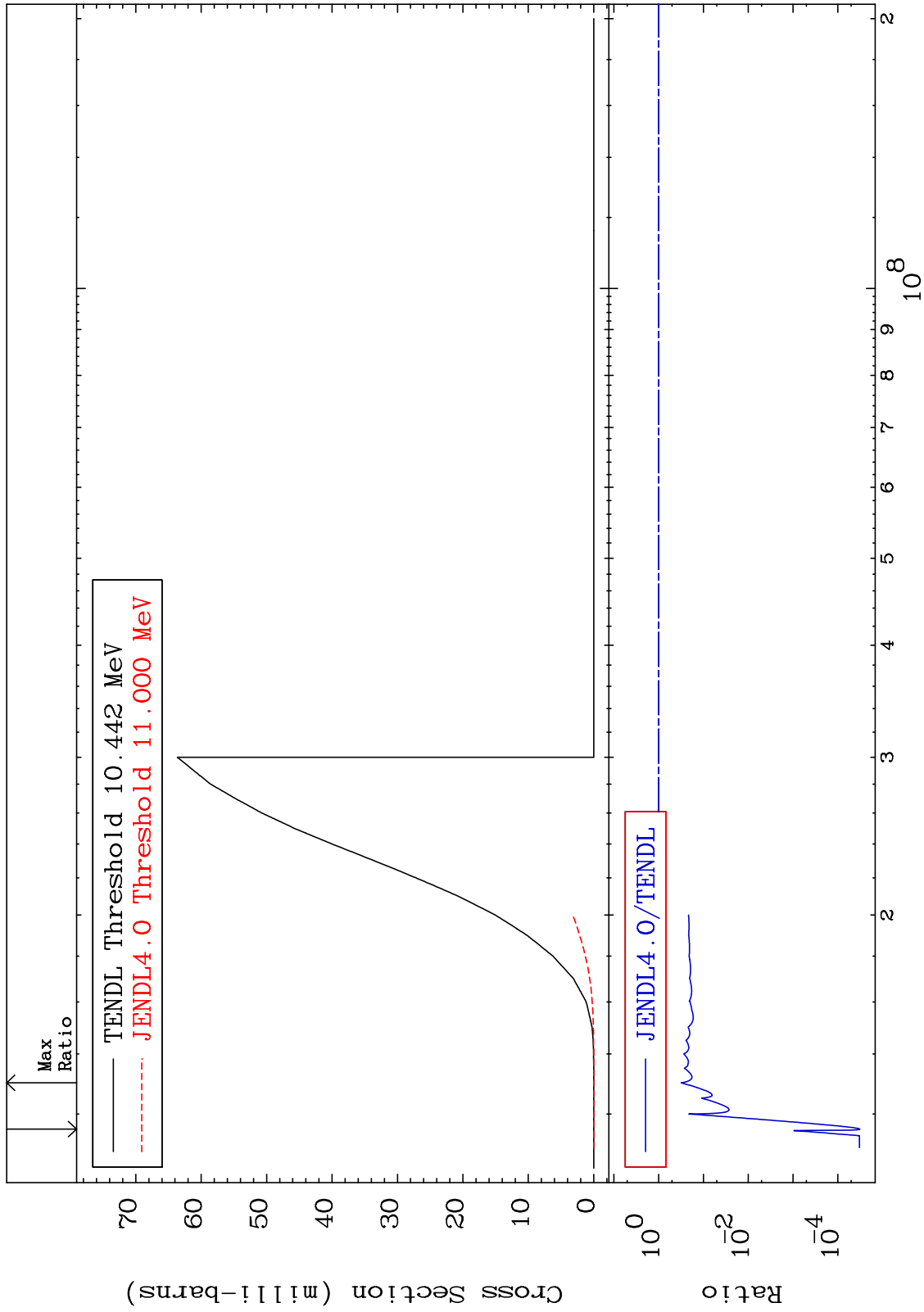
-76.88 To 9999. %



MAT 4037

(n,n') p
Cross Section

40-Zr-94
-100.0 To -68.76%



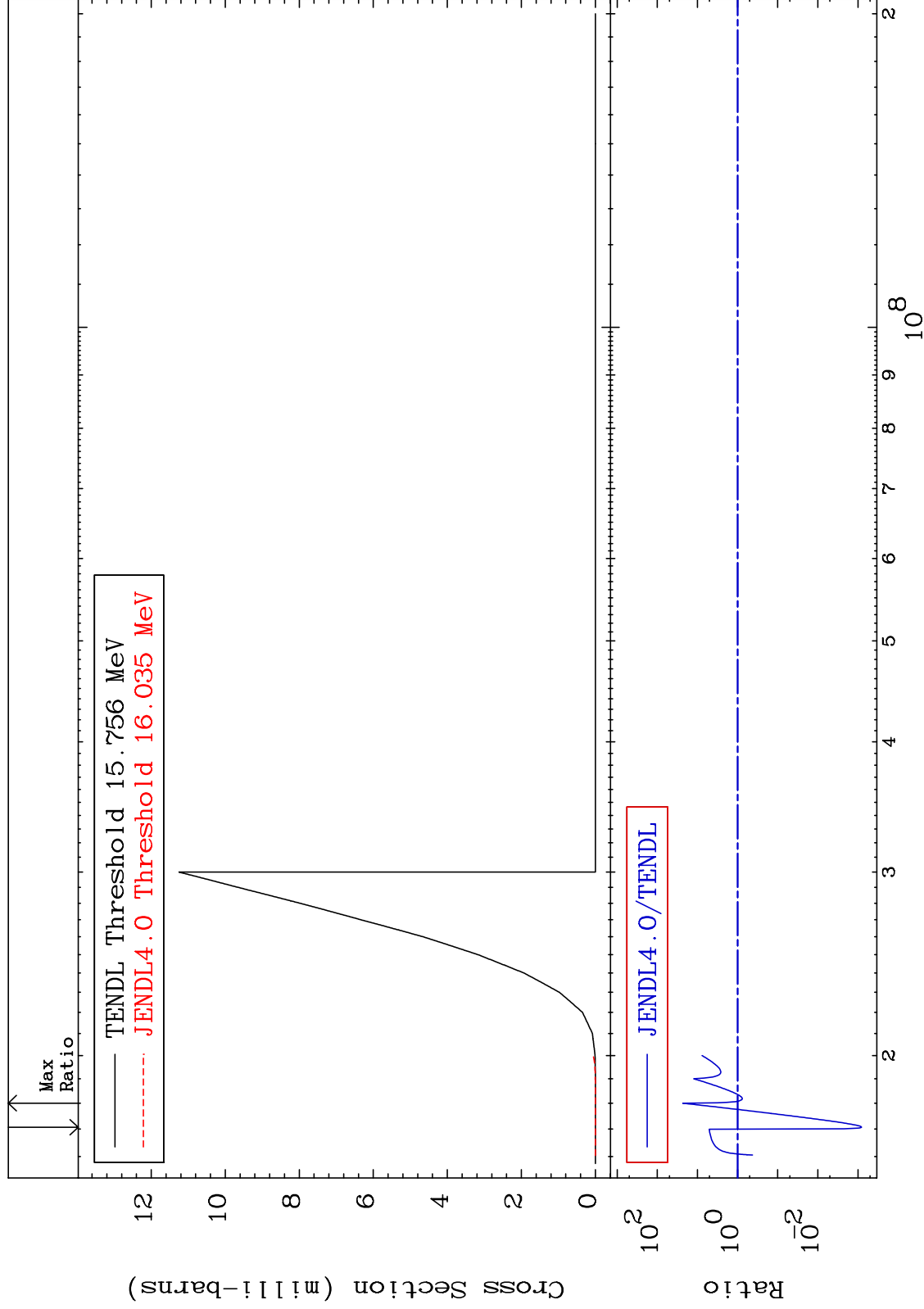
MAT 4037

(n,n') d

40-Zr-94

Cross Section

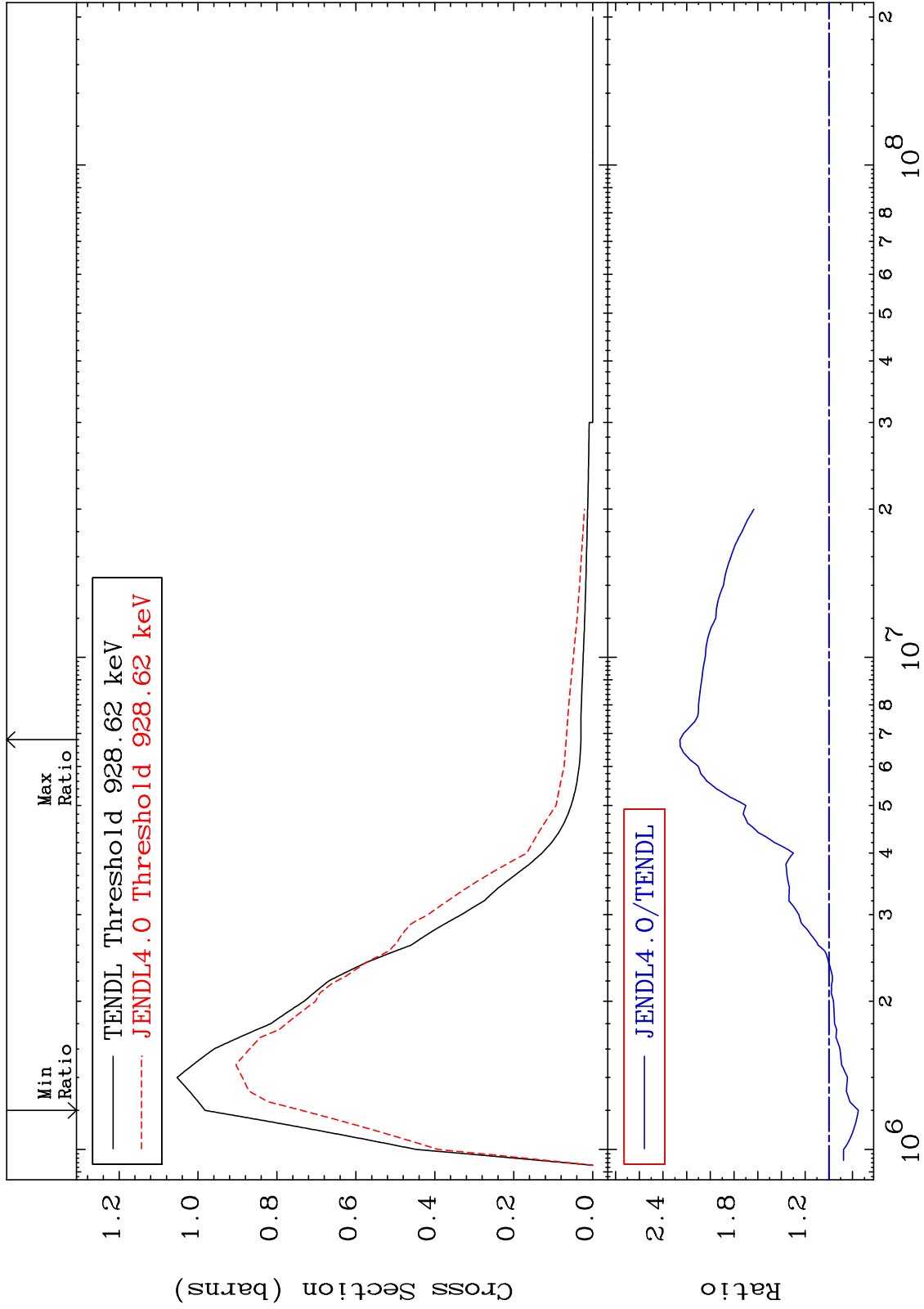
-99.92 To 2211. %



MAT 4037

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

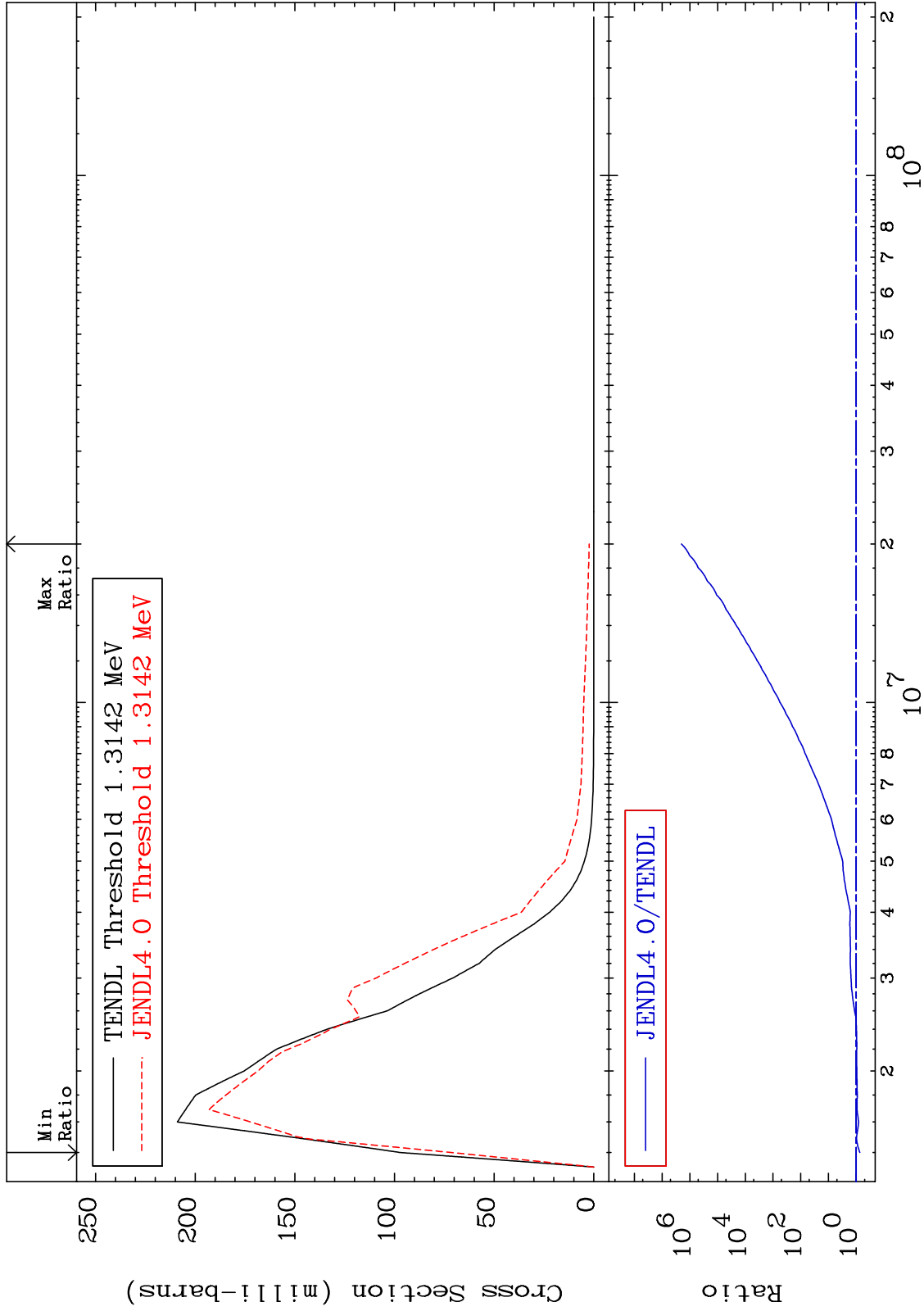
40-Zr-94
-24.96 To 125.6 %



MAT 4037

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

40-Zr-94
-26.19 To 9999. %



10

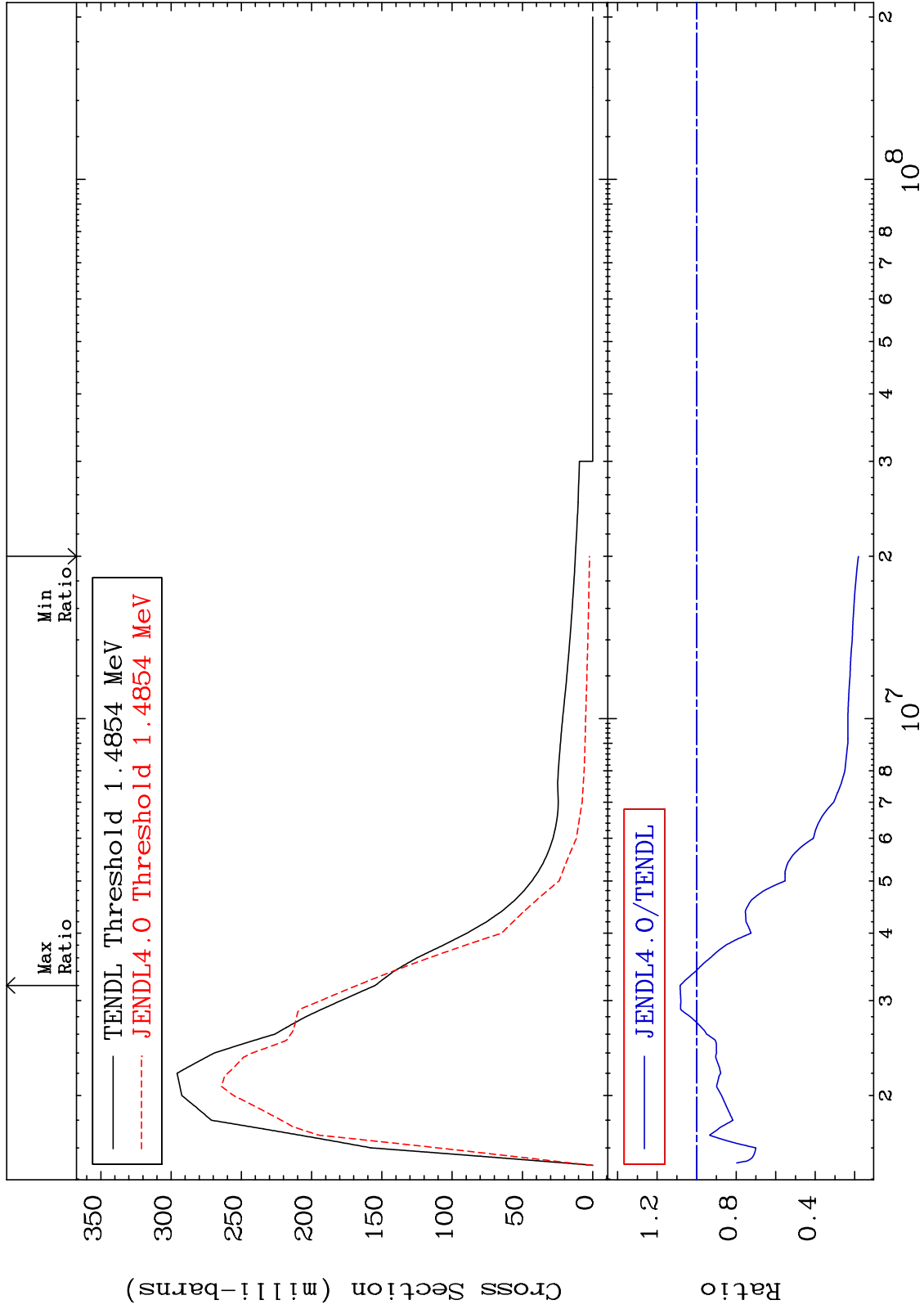
Incident Energy (eV)

40-Zr-94

MAT 4037

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

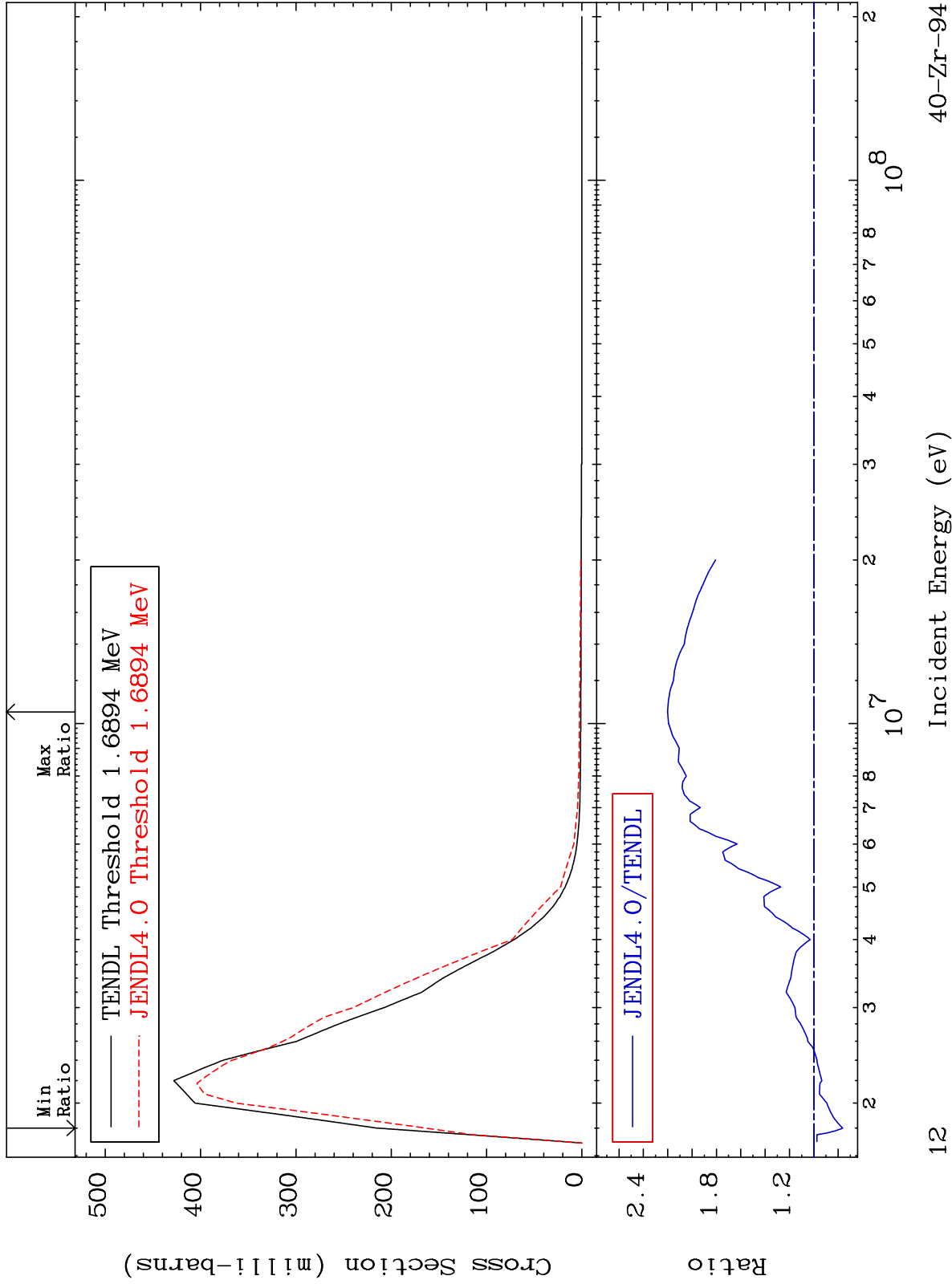
40-Zr-94
-81.86 To 8.410 %



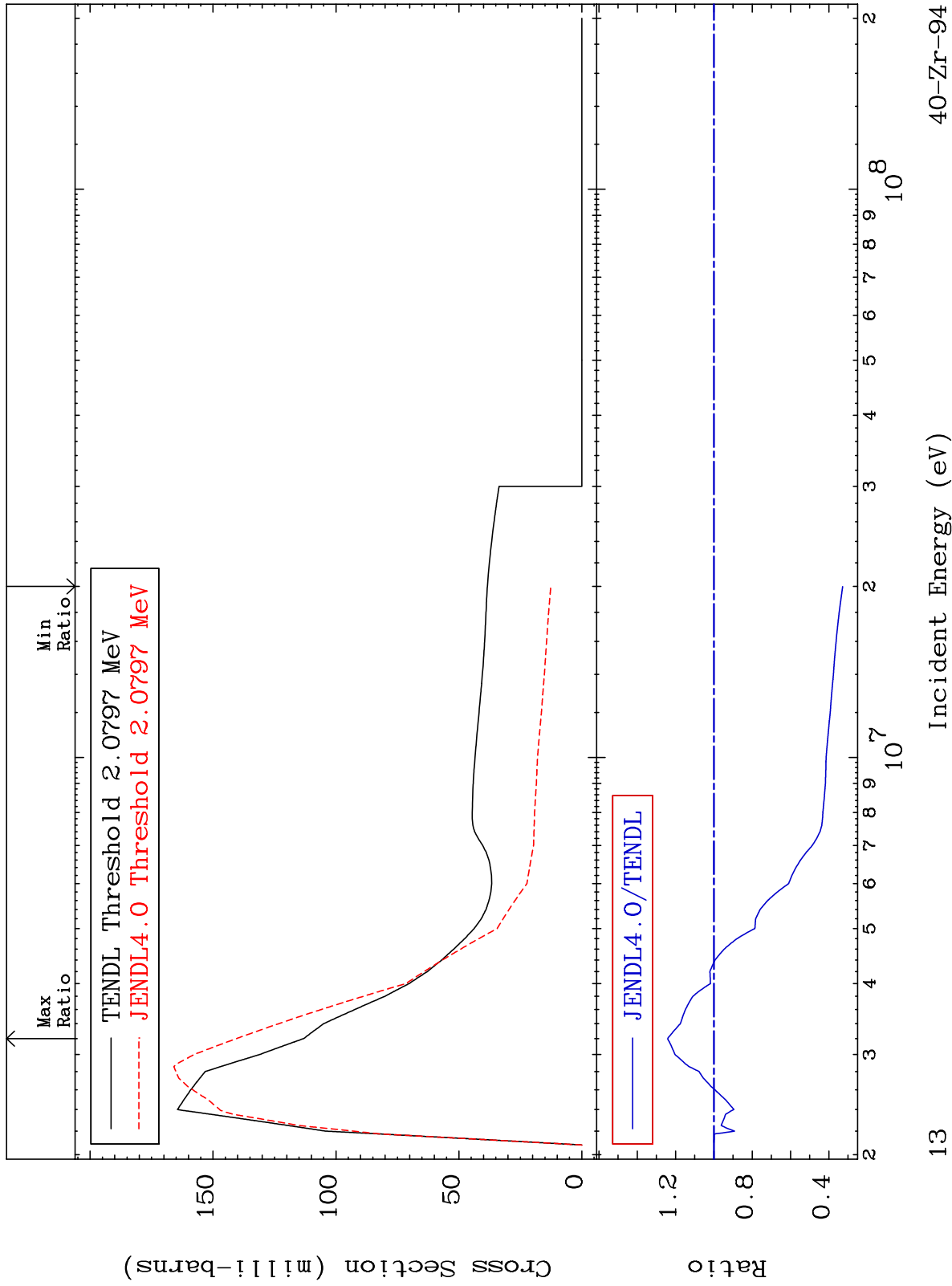
MAT 4037

MT= 54 (n,n') Level
Cross Section

40-Zr-94
-23.67 To 120.1 %



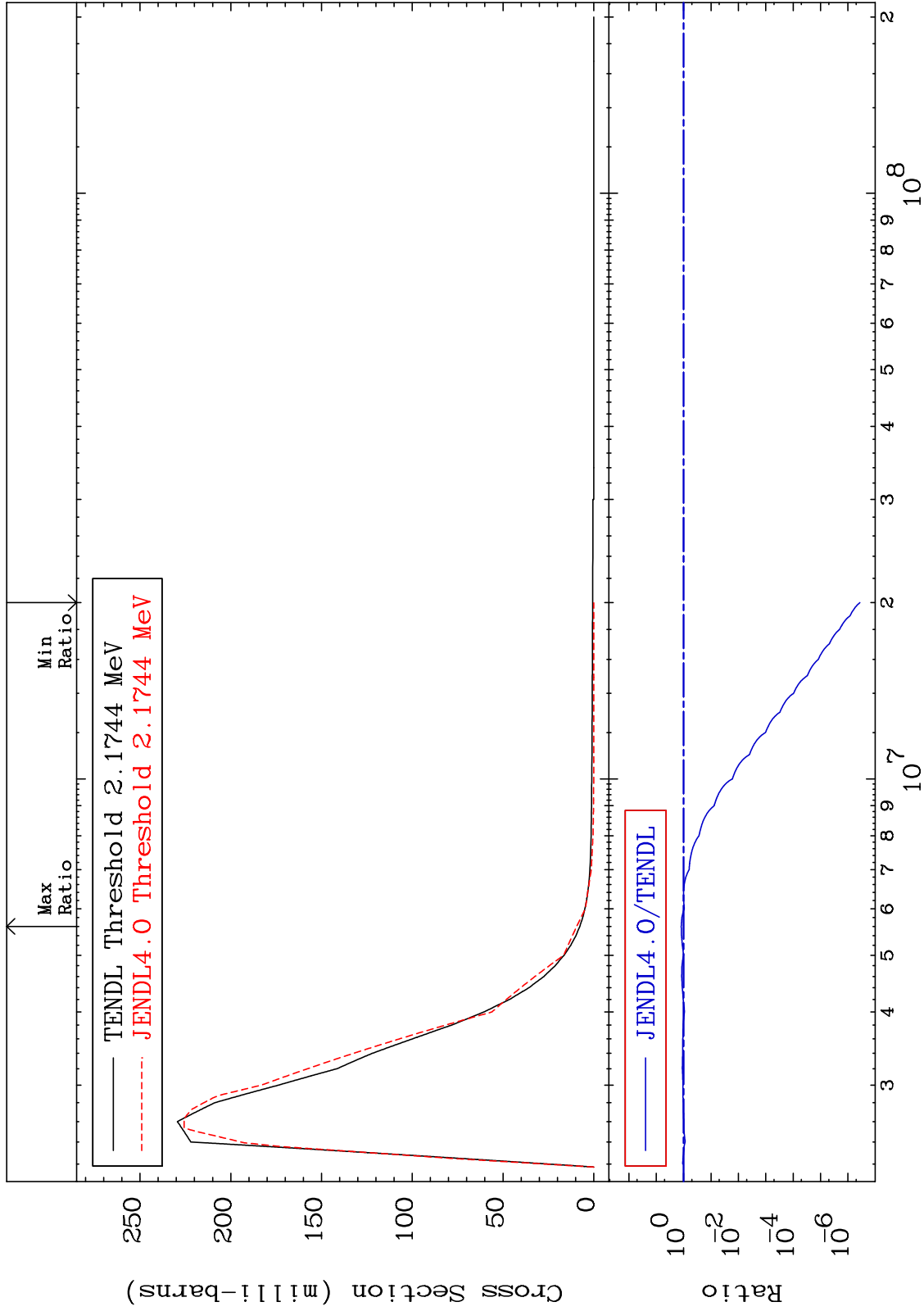
MAT 4037 MT= 55 (n,n') Level Cross Section -67.19 To 24.18 % 40-Zr-94



MAT 4037

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

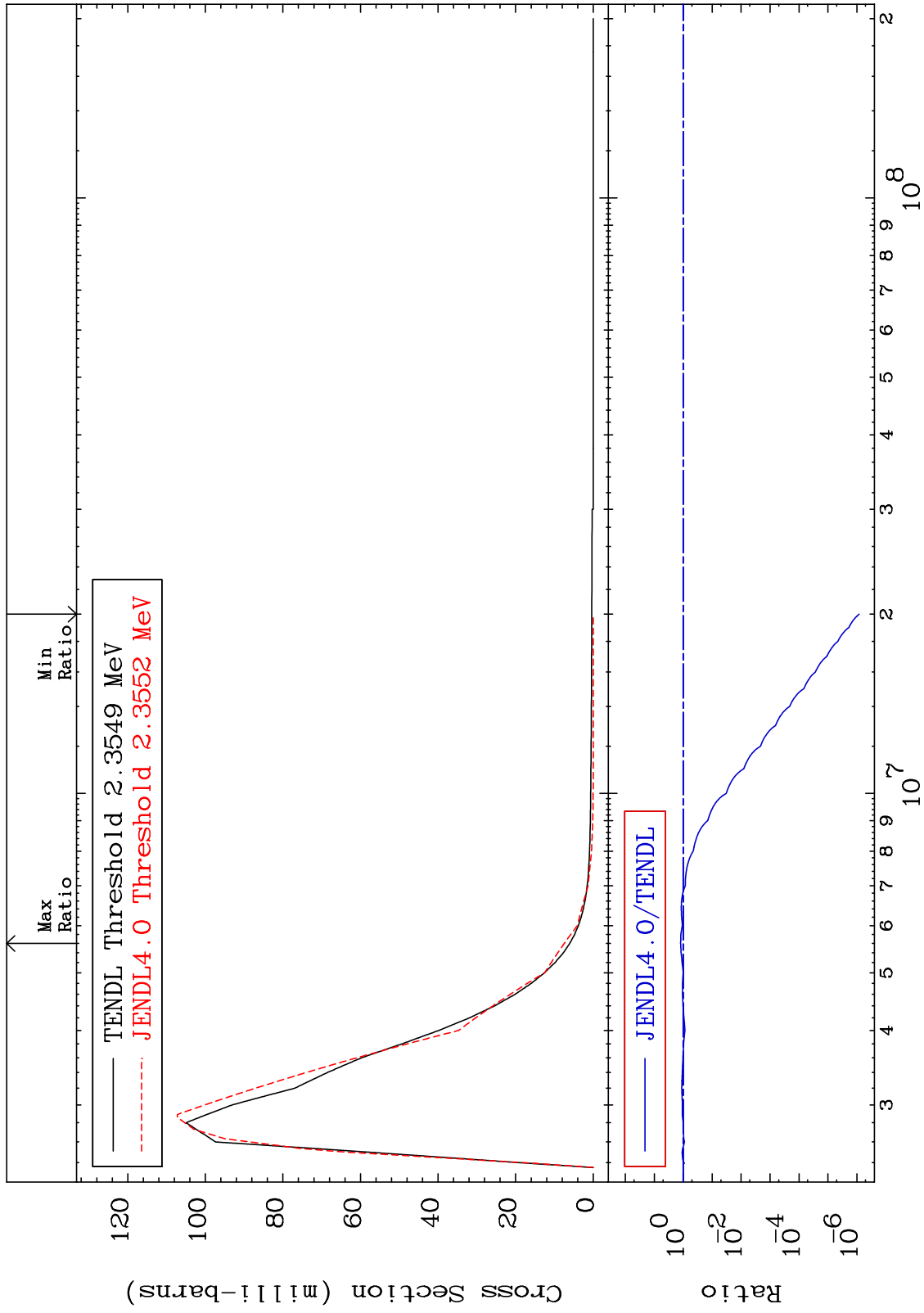
40-Zr-94
-100.0 To 22.25 %



MAT 4037

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

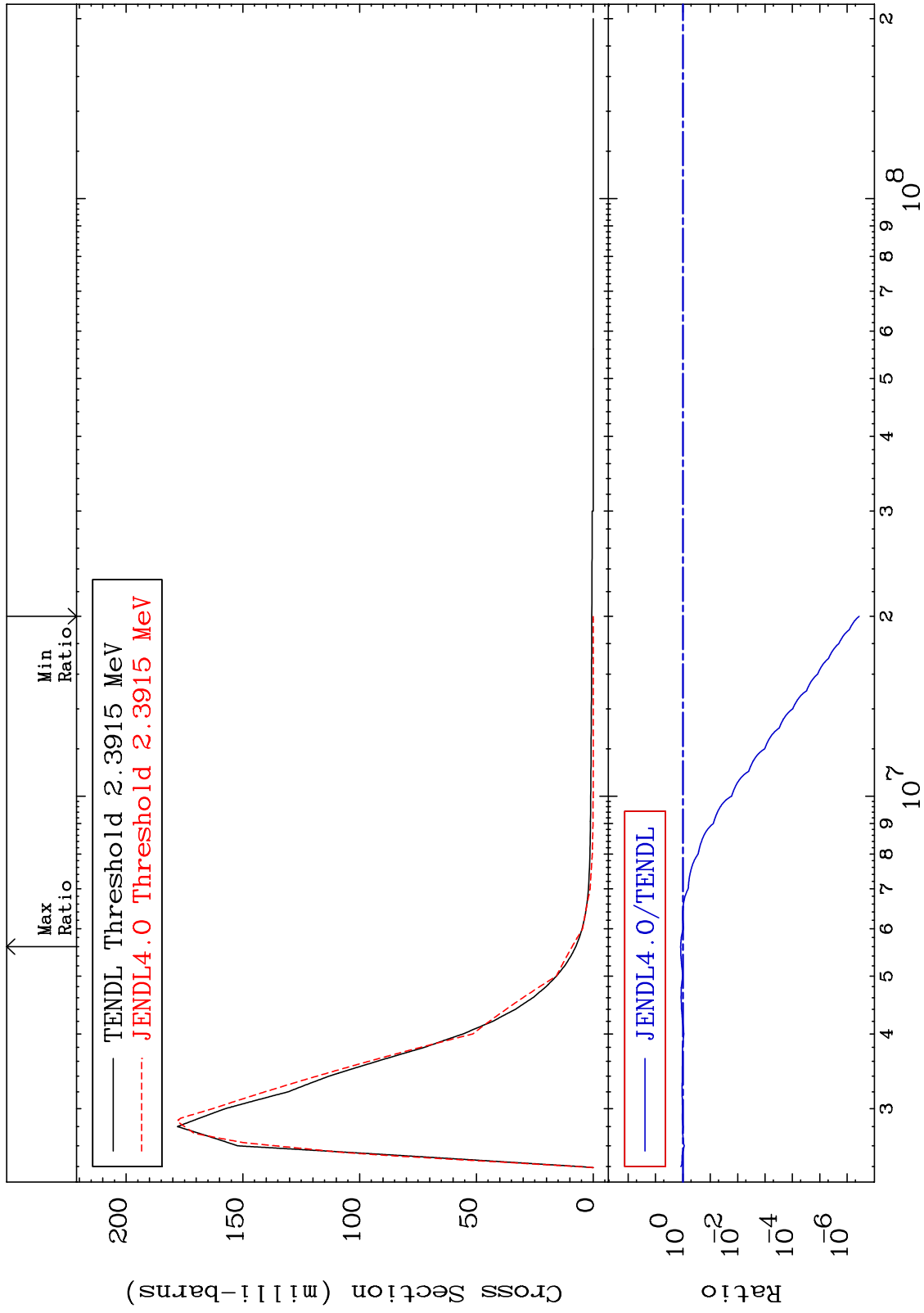
40-Zr-94
-100.0 To 23.32 %



MAT 4037

MT= 58 (n,n') Level
Cross Section

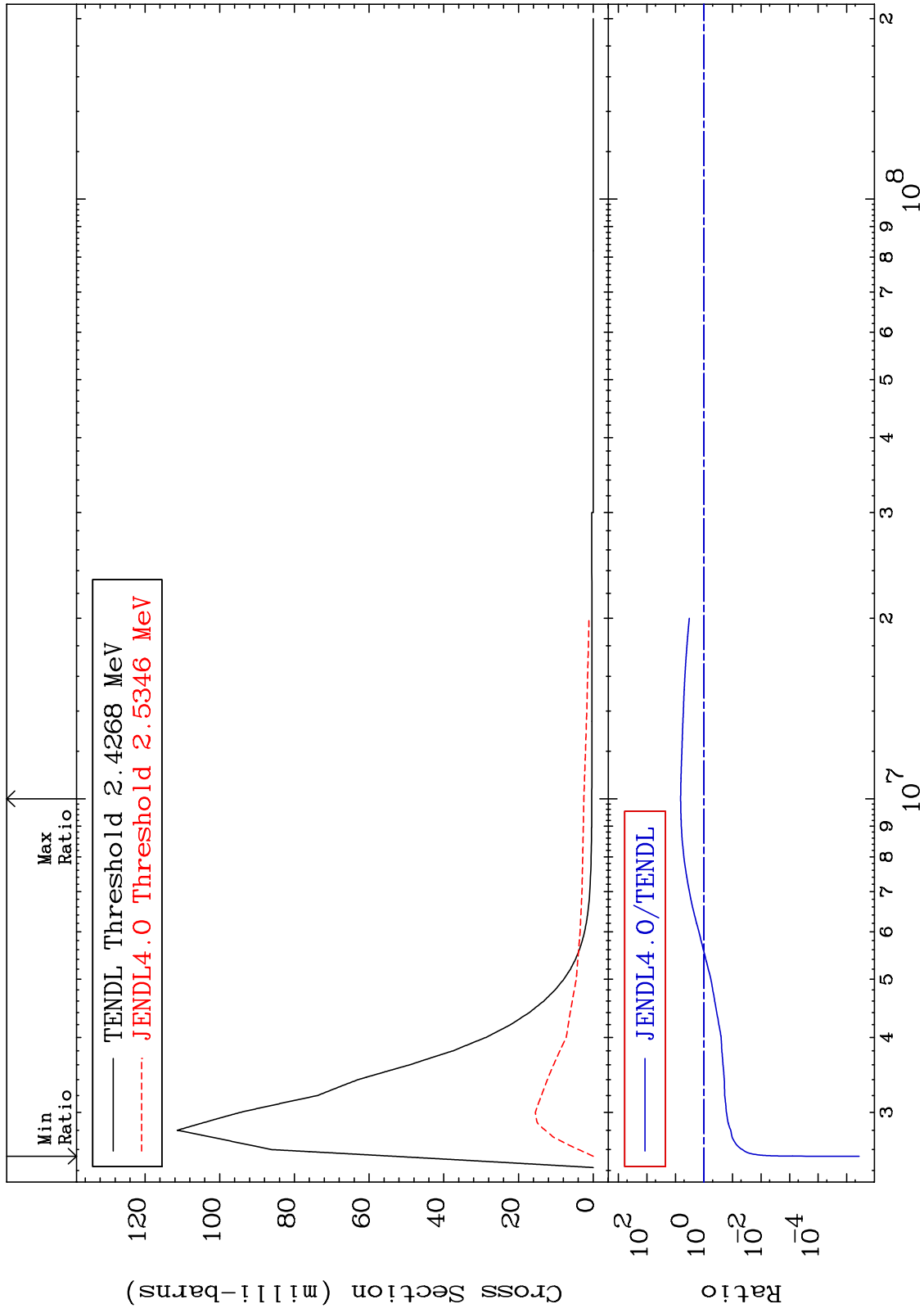
40-Zr-94
-100.0 To 20.95 %



MAT 4037

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

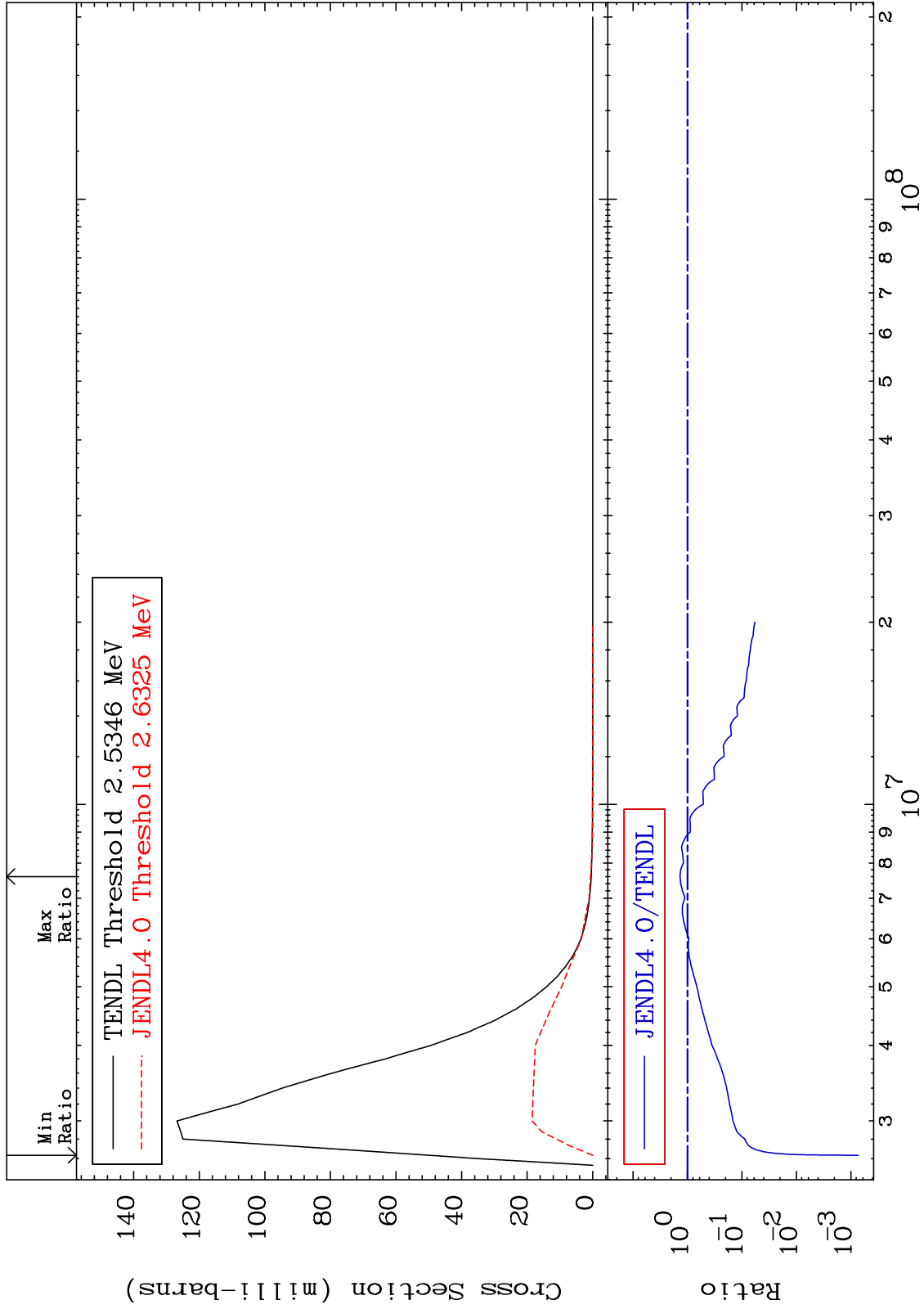
40-Zr-94
-100.0 To 560.0 %



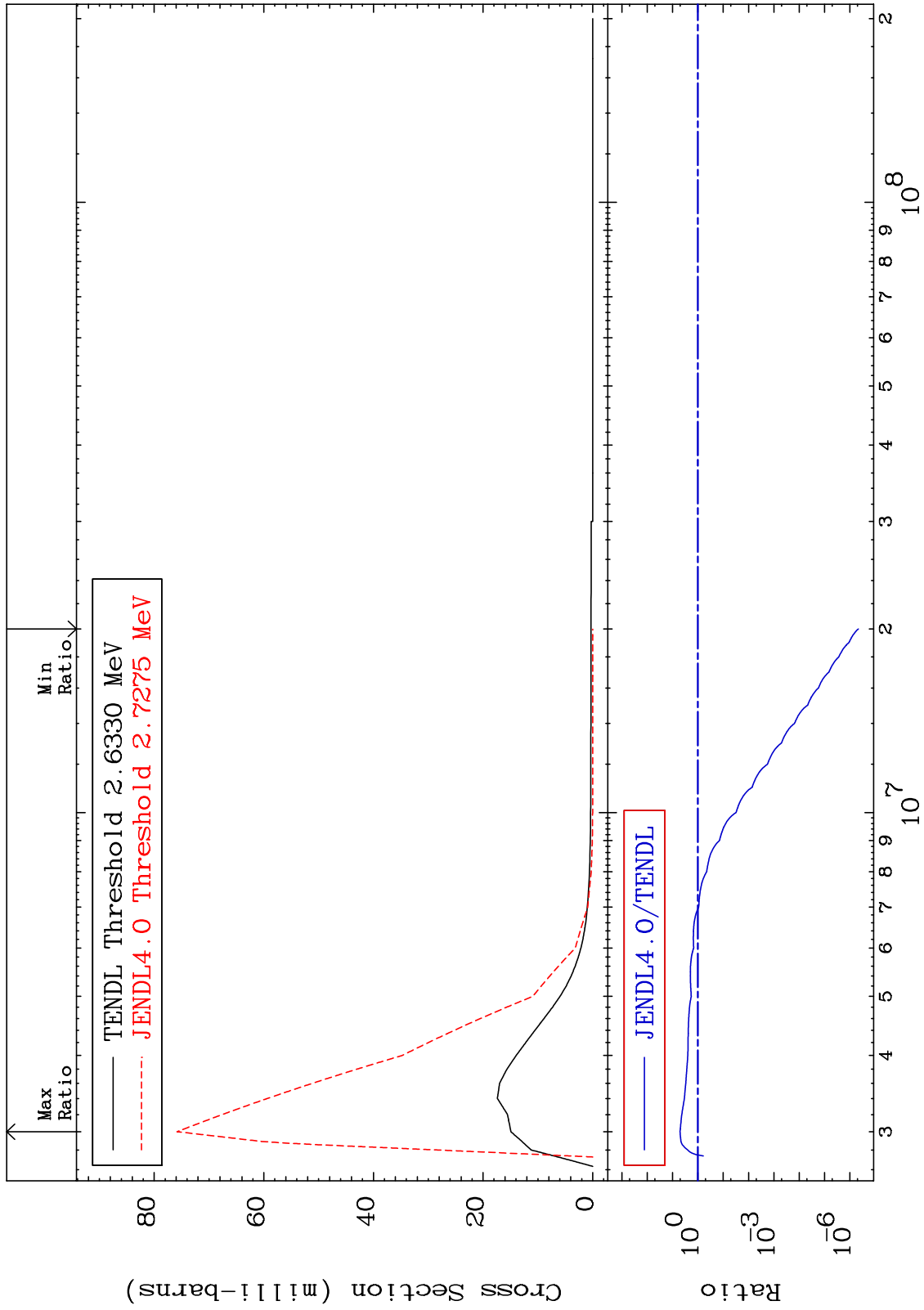
MAT 4037

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

40-Zr-94
-99.93 To 37.05 %



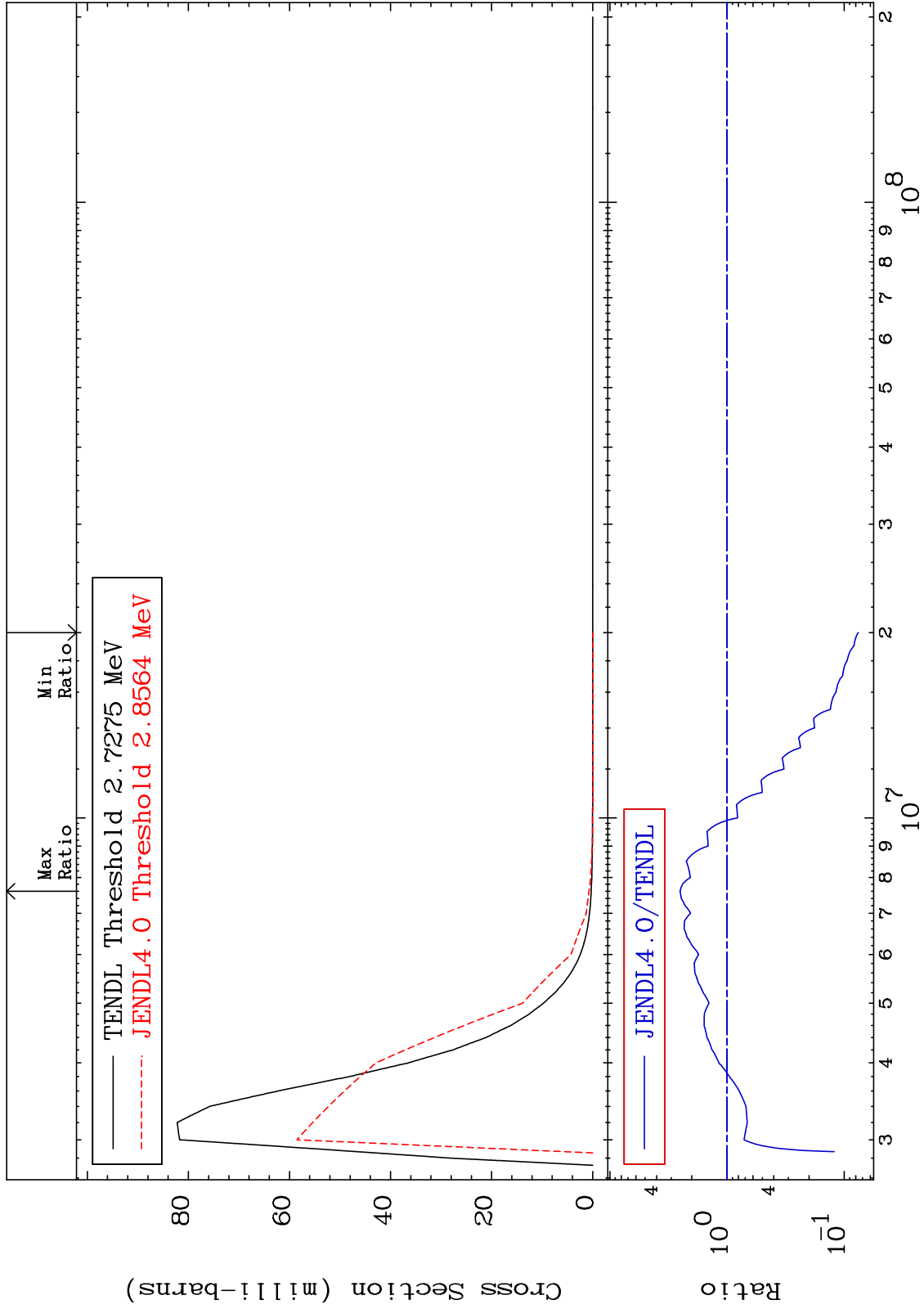
MAT 4037 MT= 61 (n,n') Level Cross Section 40-Zr-94
 -100.0 To 408.0 %



MAT 4037

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

40-Zr-94
-92.42 To 152.1 %

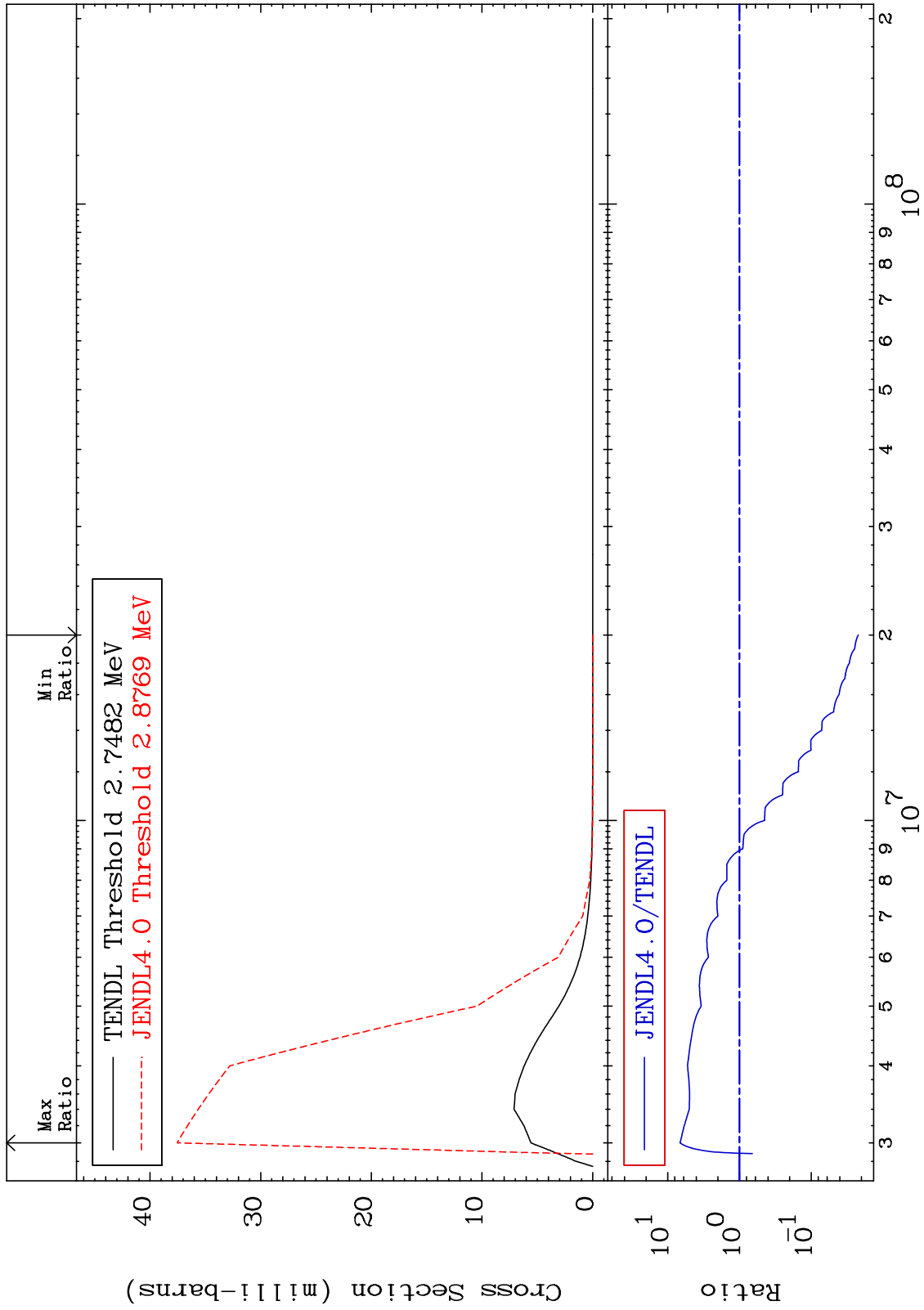


20

Incident Energy (eV)

40-Zr-94

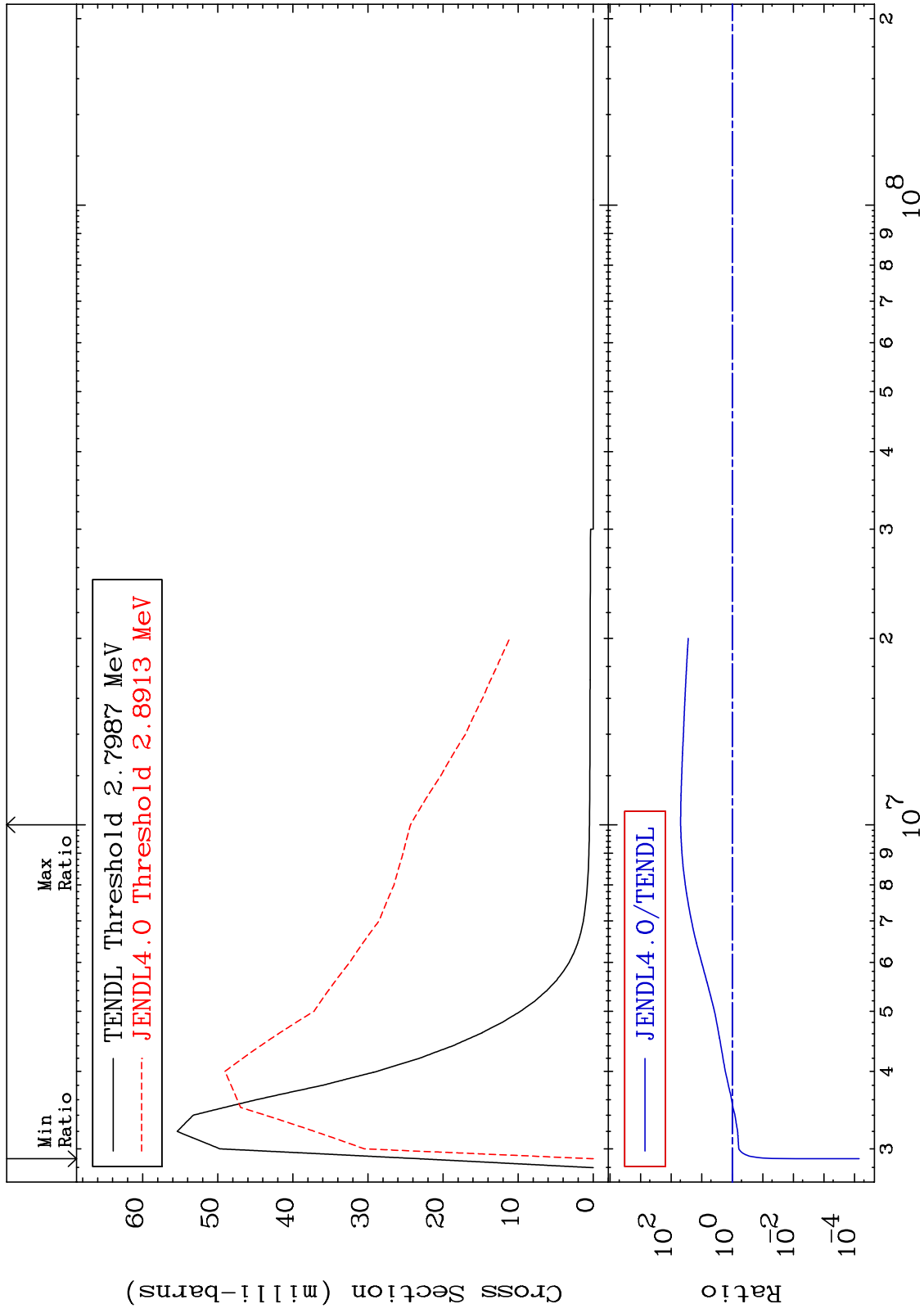
MAT 4037 MT= 63 (n,n') Level 40-Zr-94
 Cross Section -97.79 To 573.4 %



MAT 4037

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

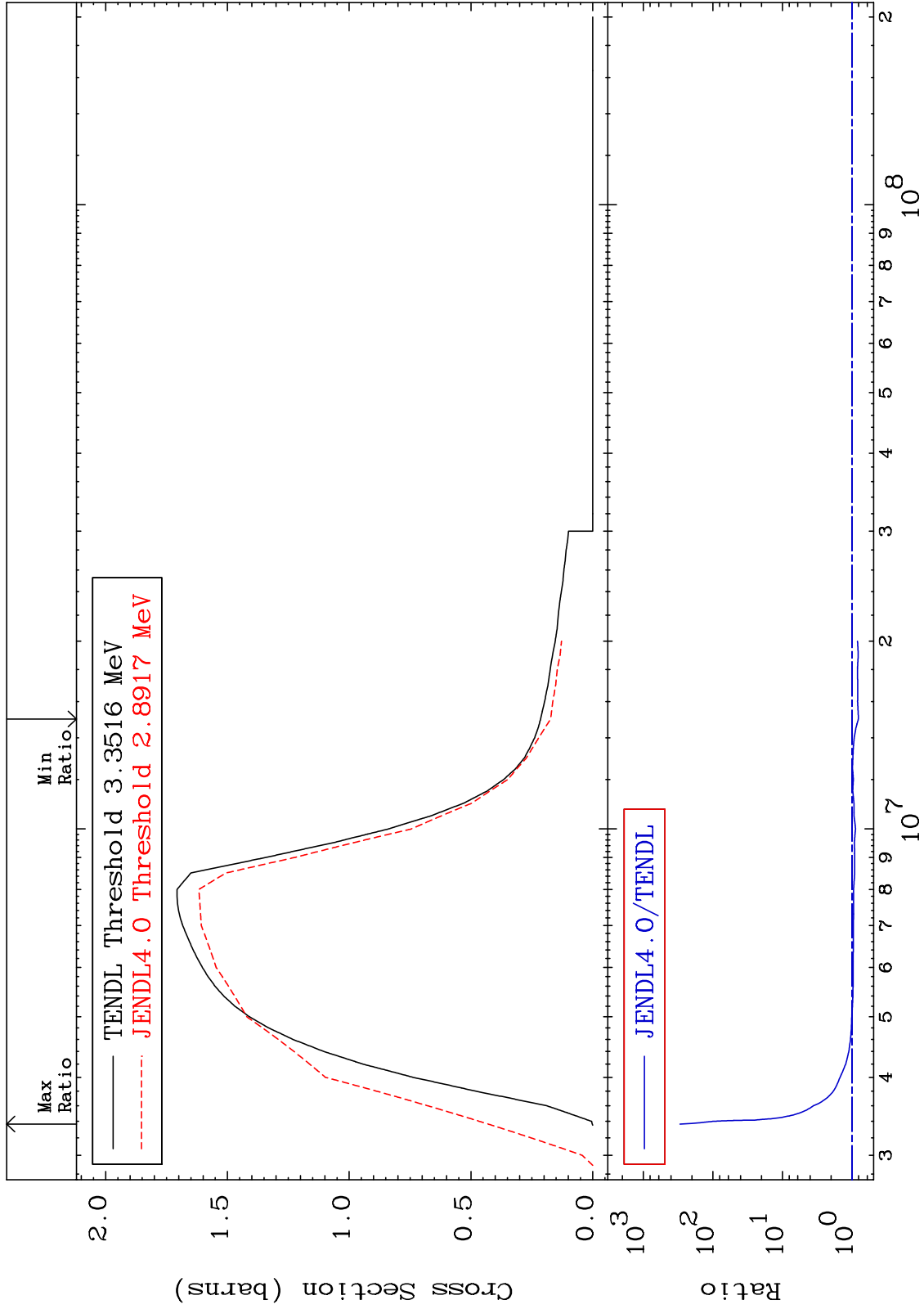
40-Zr-94
-99.99 To 4788. %



MAT 4037

(n, n') Continuum
Cross Section

40-Zr-94
-19.27 To 9999. %



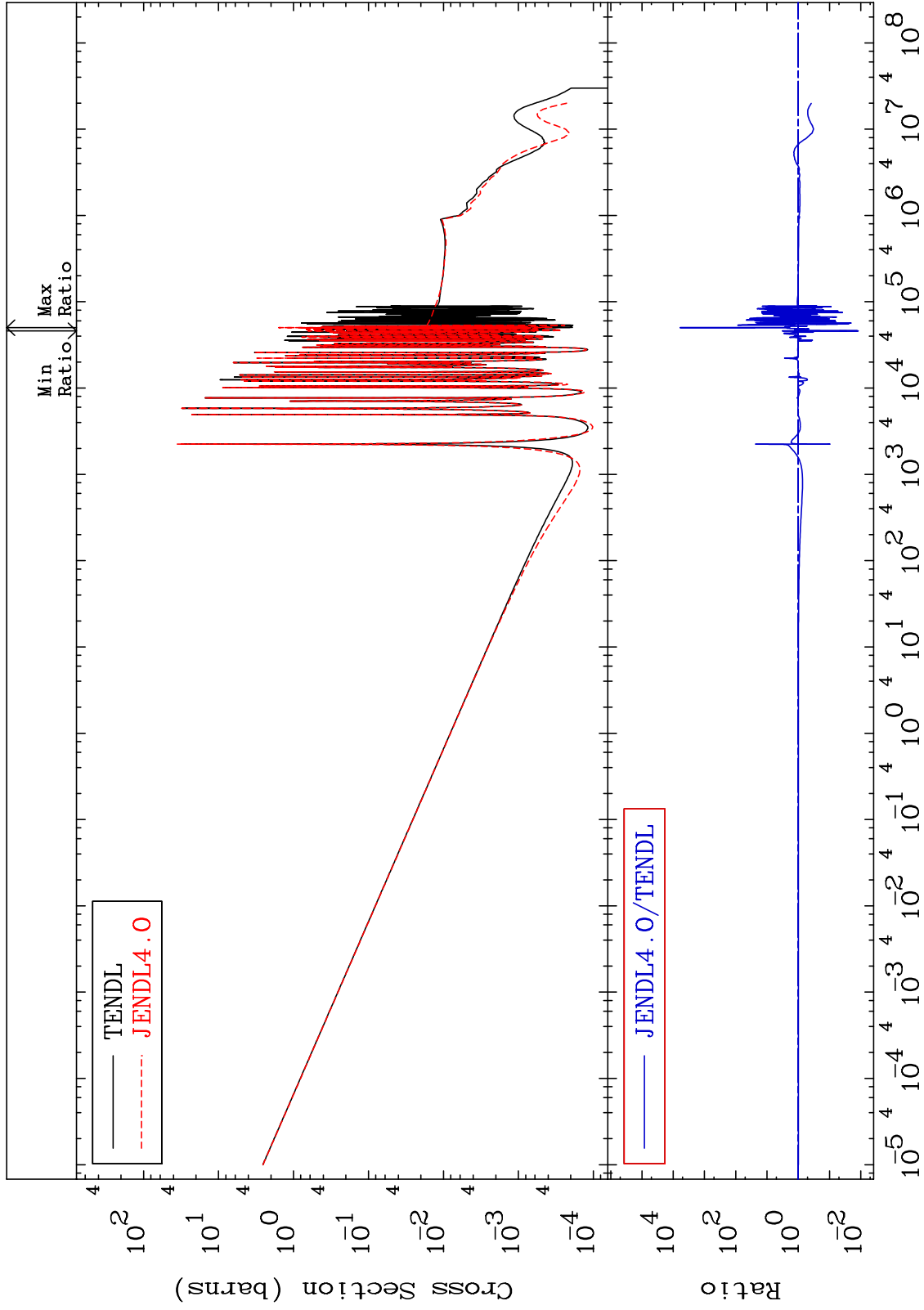
MAT 4037

(n, γ)

40-Zr-94

Cross Section

-98.82 To 9999. %



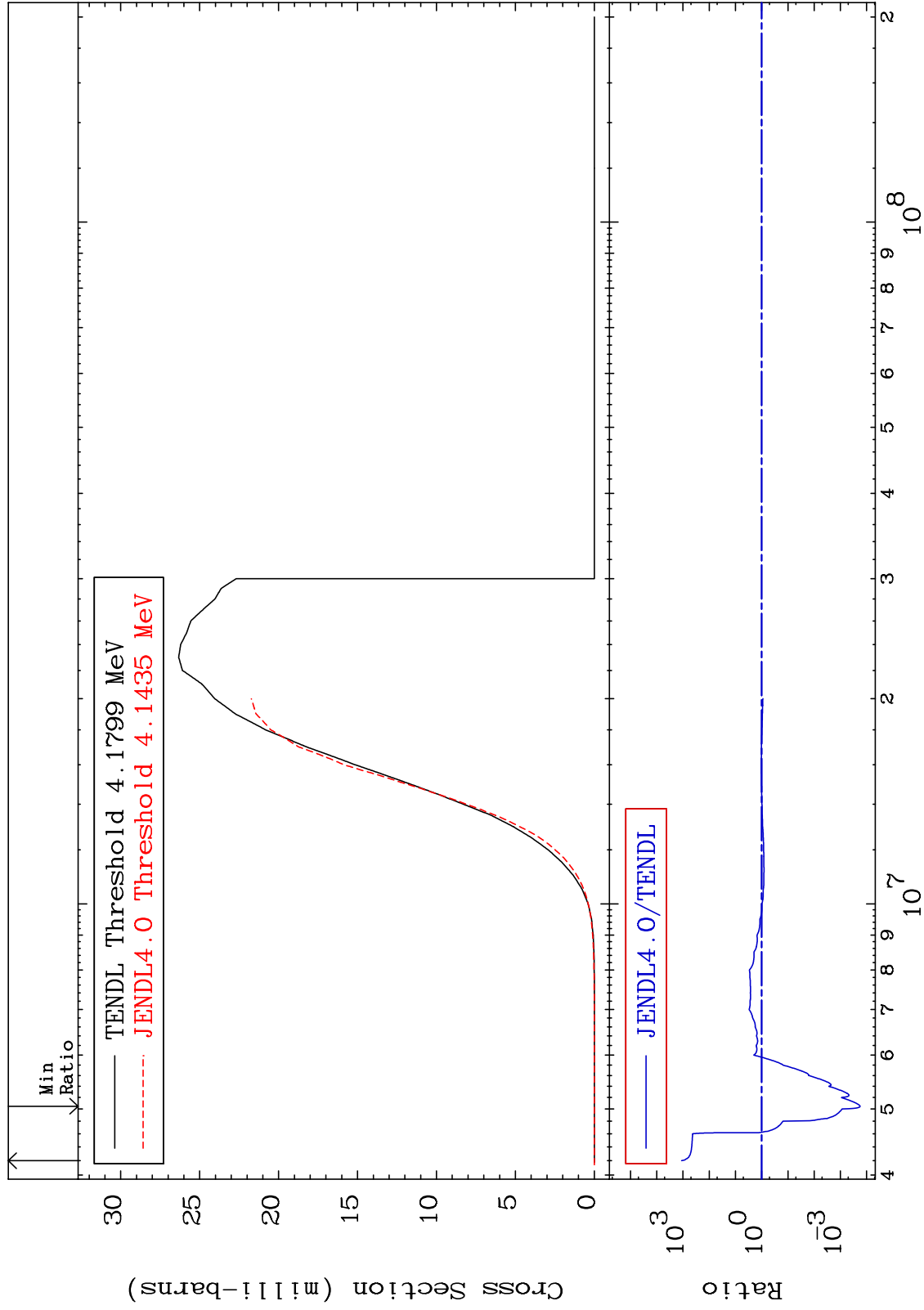
MAT 4037

(n,p)

40-Zr-94

Cross Section

-99.98 To 9999. %



25

Incident Energy (eV)

40-Zr-94

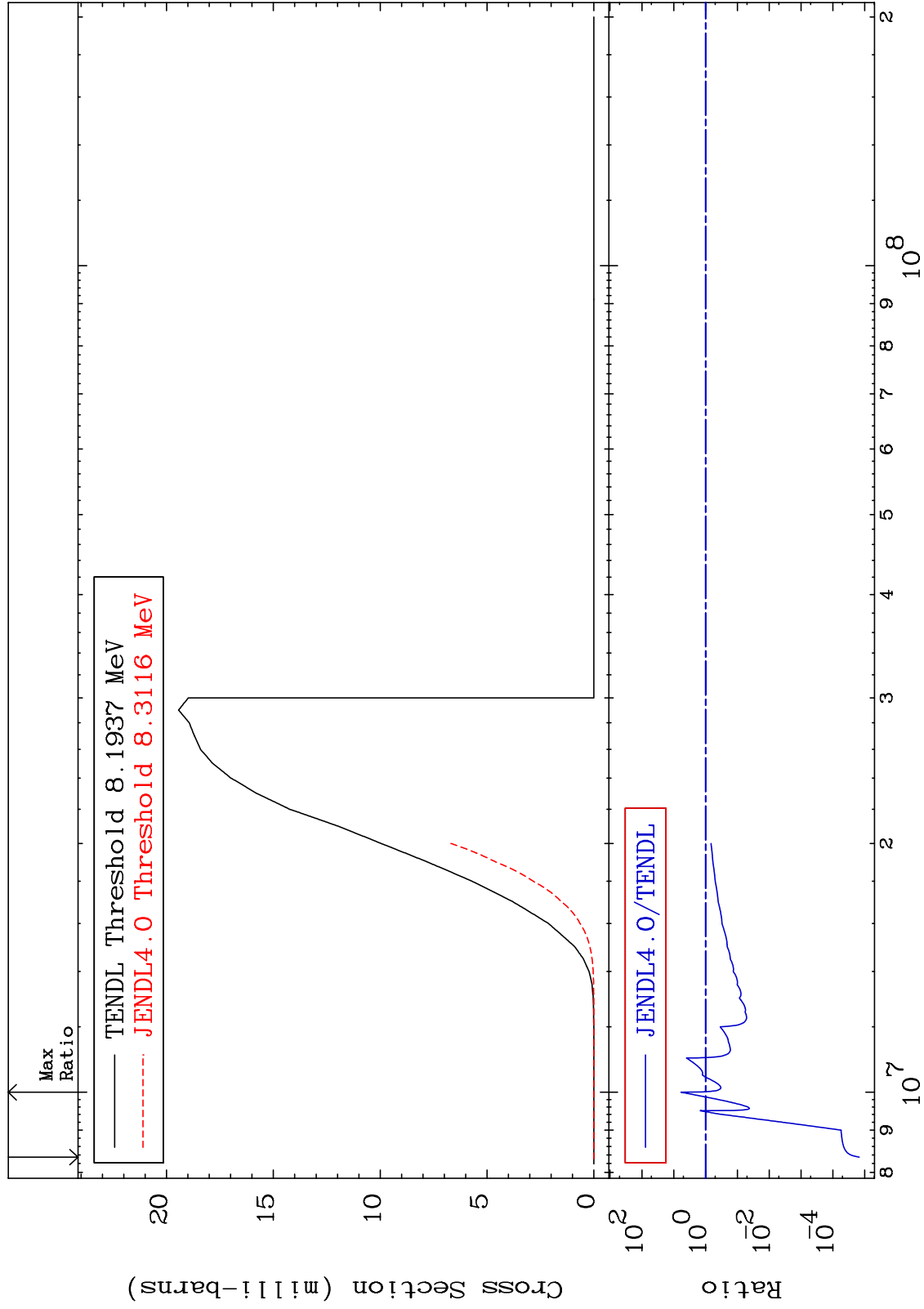
MAT 4037

(n,d)

40-Zr-94

Cross Section

-100.0 To 487.6 %



26

40-Zr-94

40-Zr-94

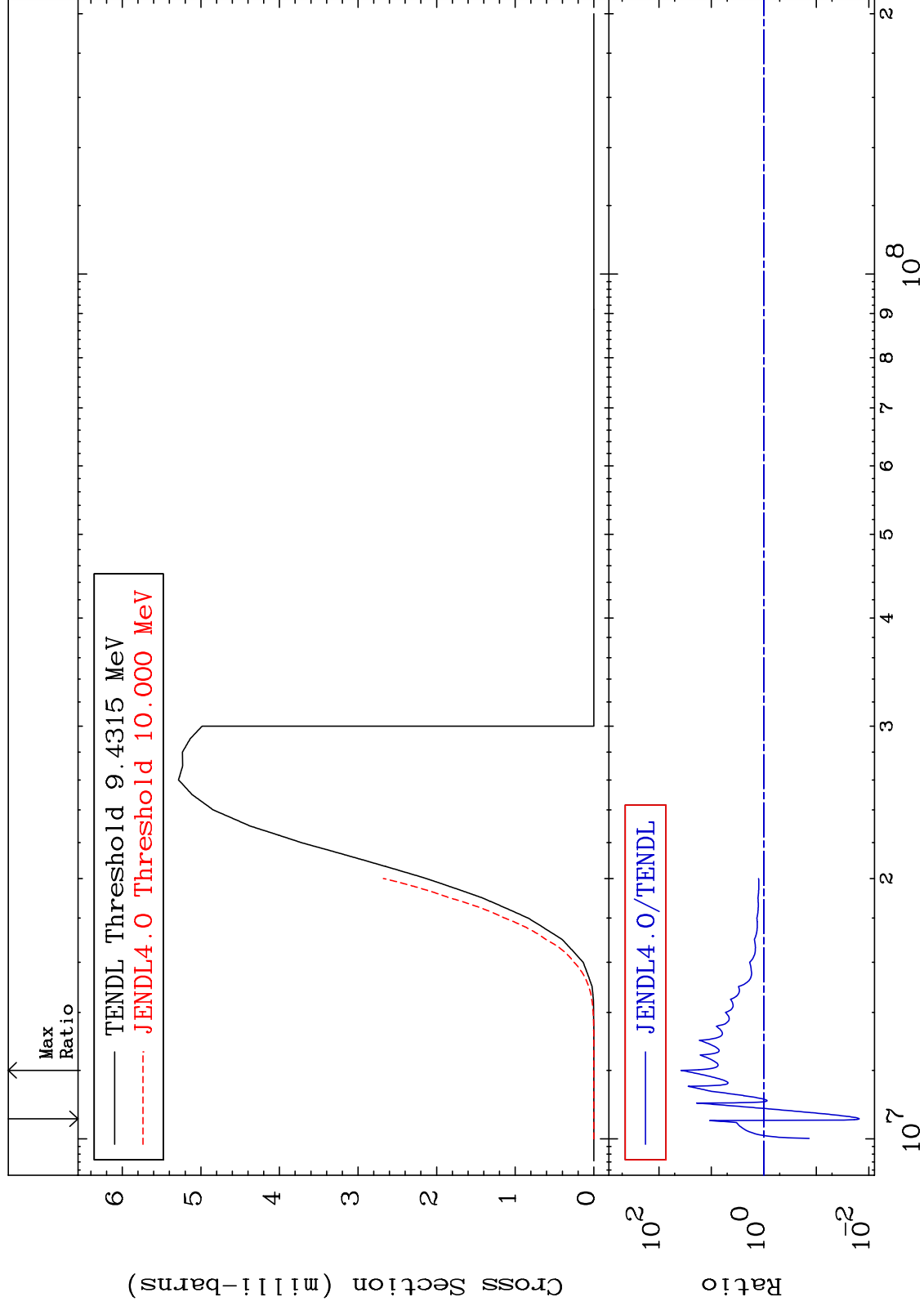
MAT 4037

(n, t)

40-Zr-94

Cross Section

-98.49 To 3680. %



27

Incident Energy (eV)

40-Zr-94

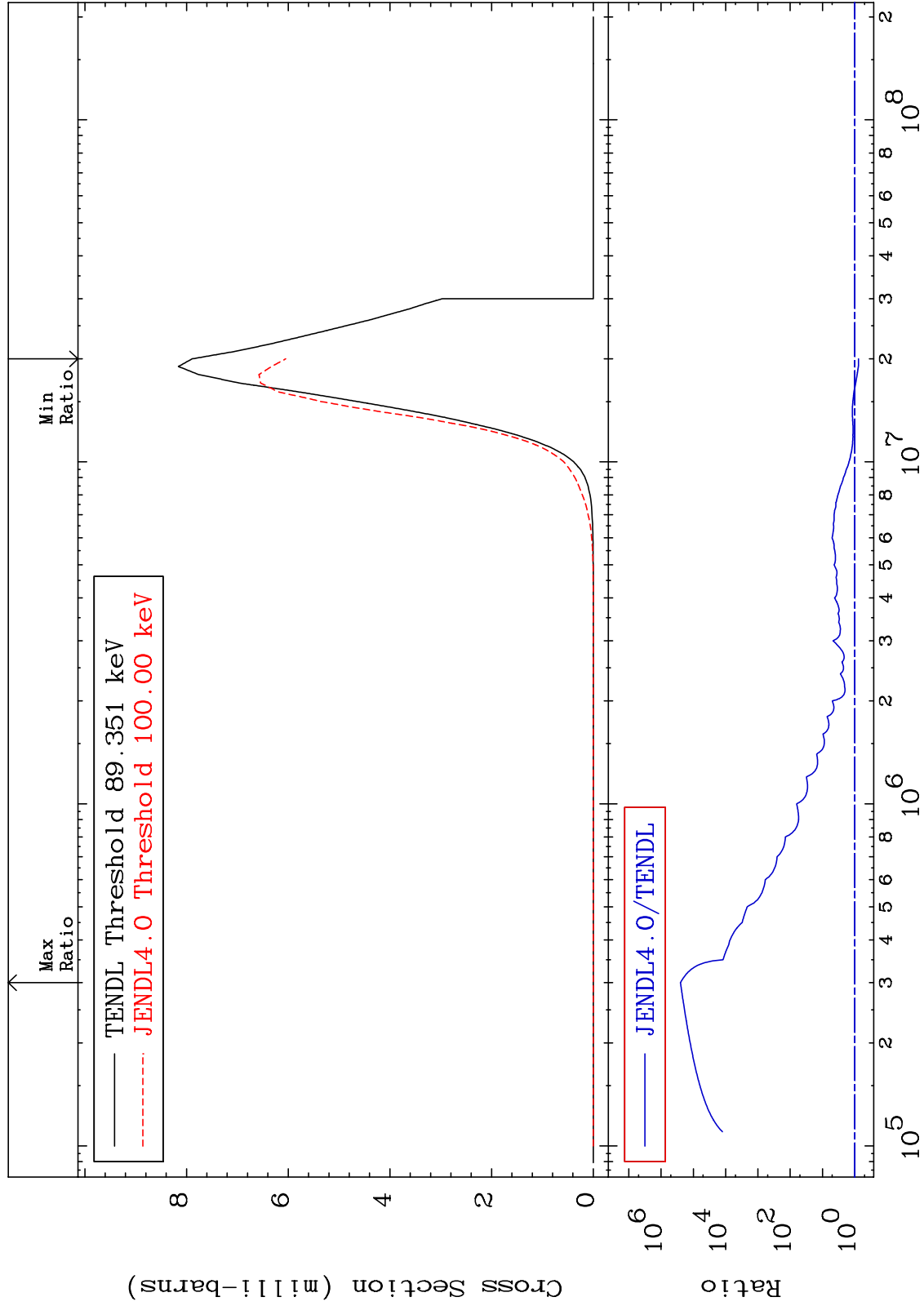
MAT 4037

(n, α)

40-Zr-94

Cross Section

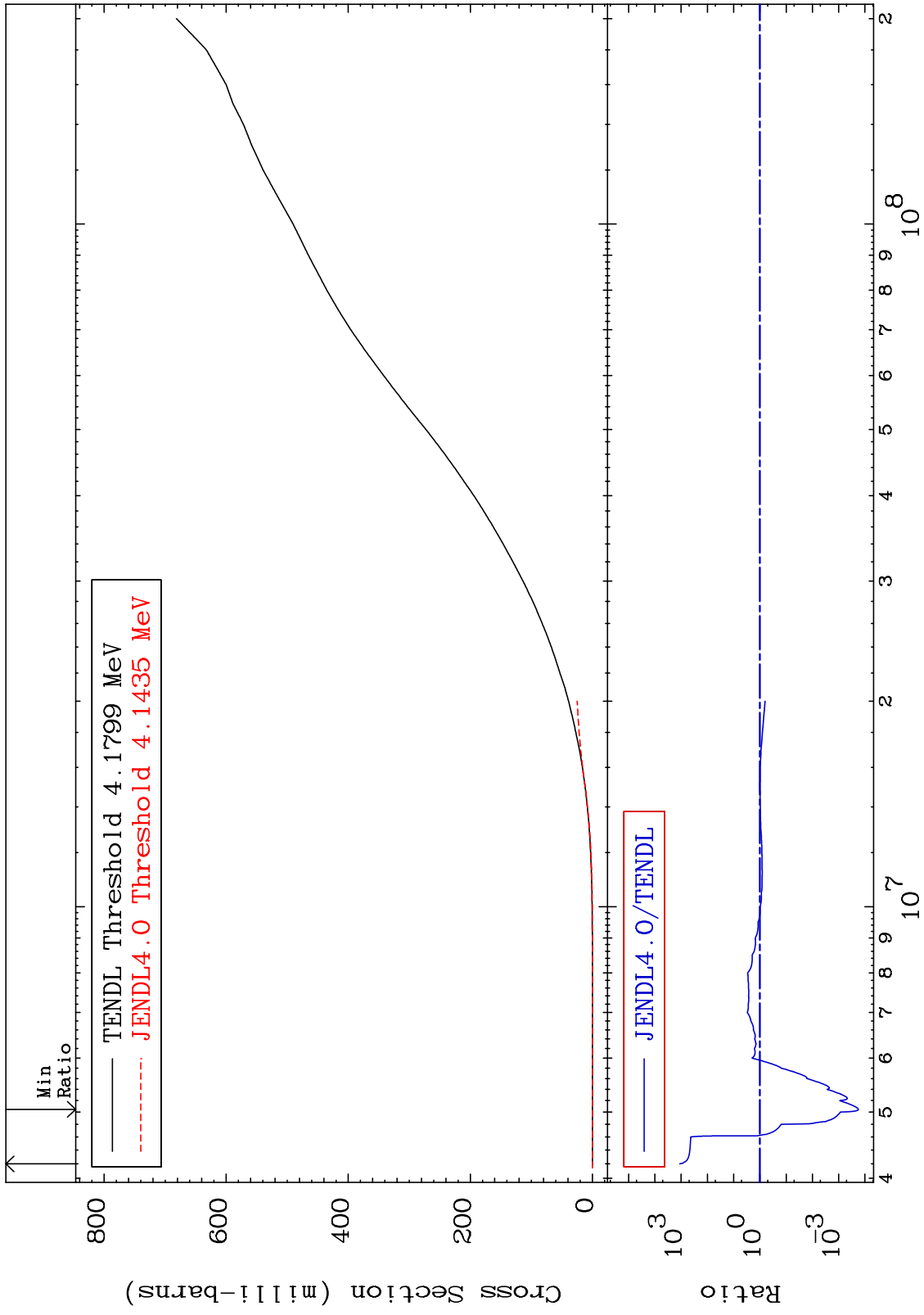
-23.31 To 9999. %

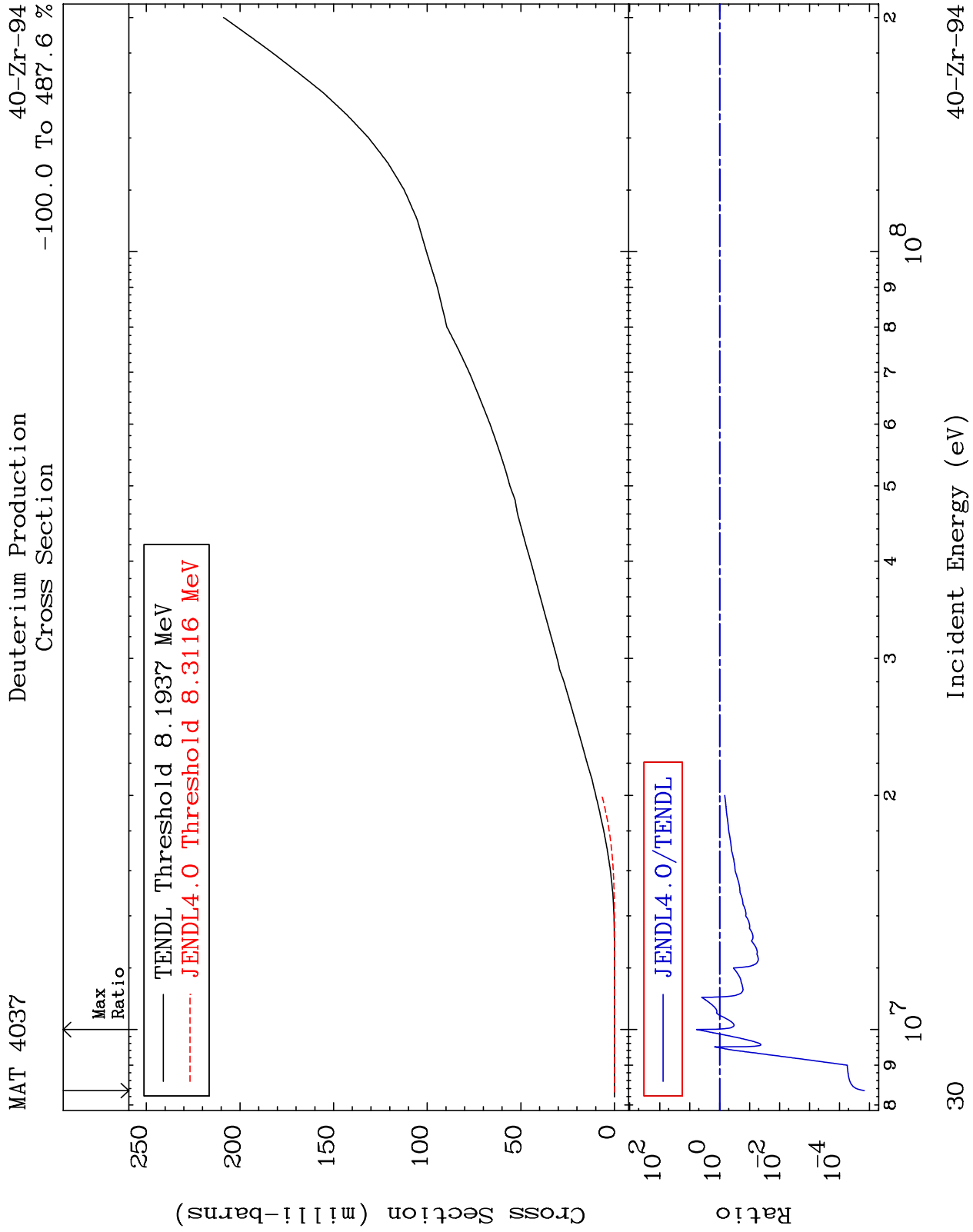


MAT 4037

Hydrogen Production
Cross Section

40-Zr-94
-99.98 To 9999. %

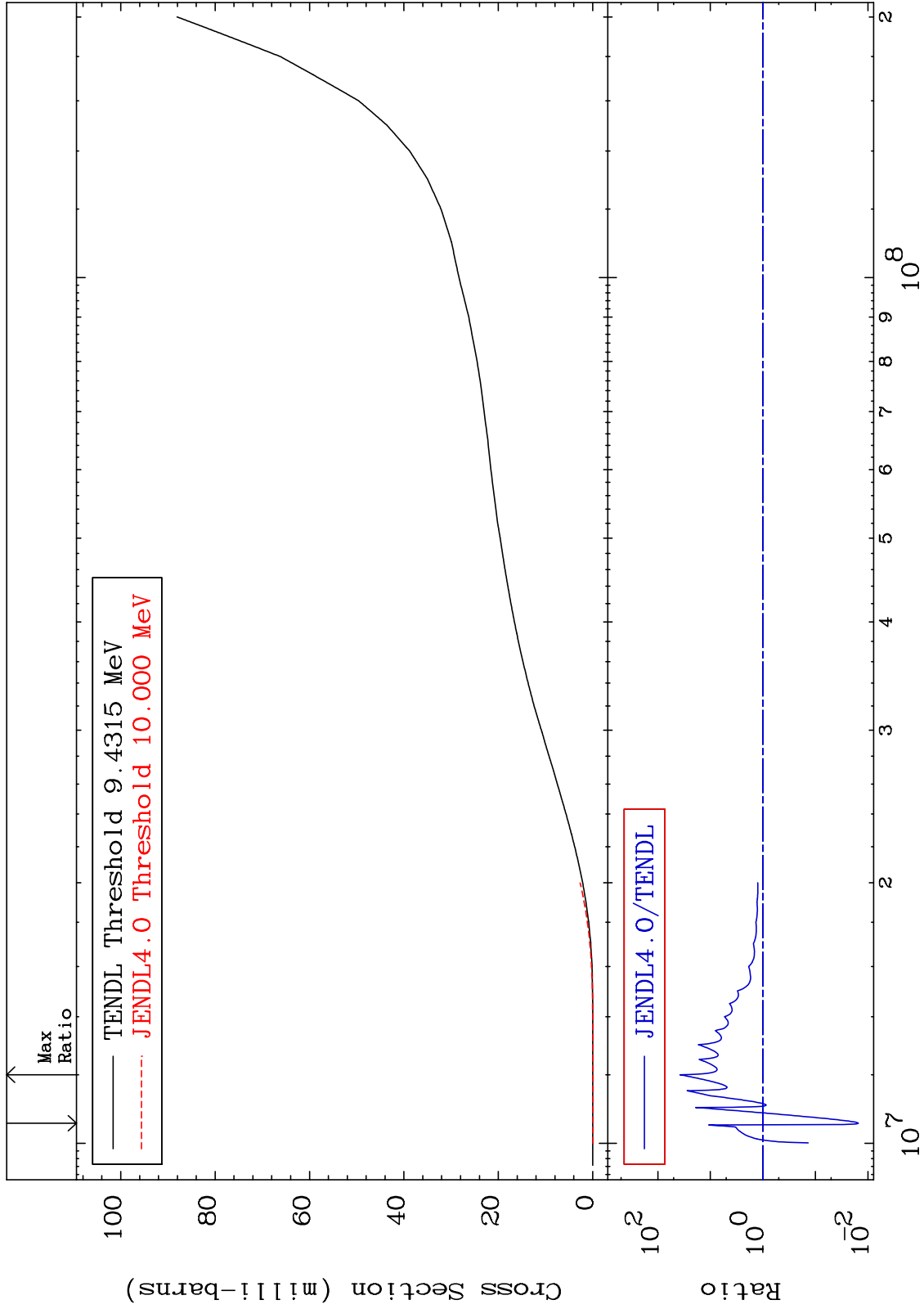




MAT 4037

Tritium Production
Cross Section

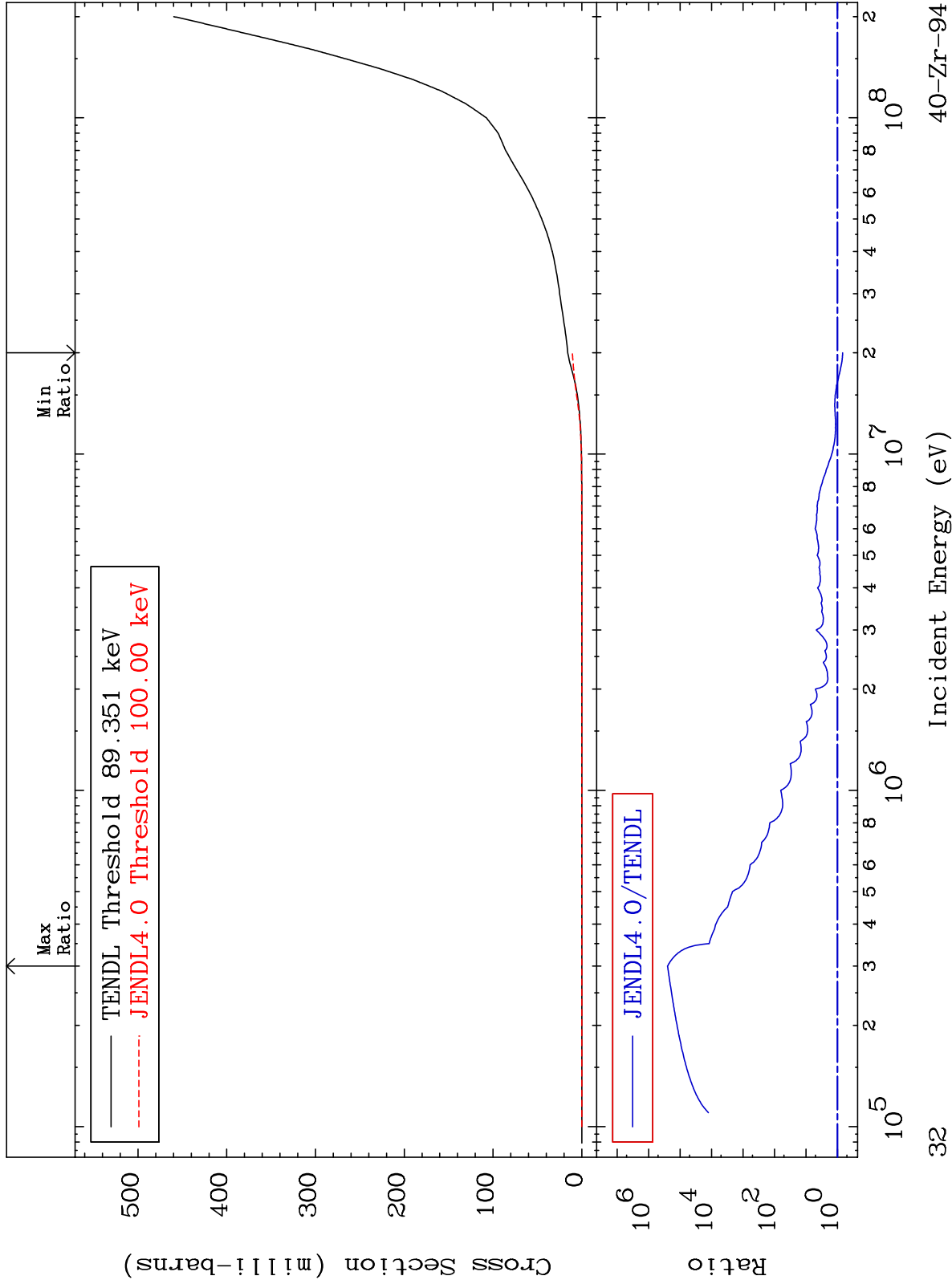
40-Zr-94
-98.49 To 3680. %



MAT 4037

He-4 Production
Cross Section

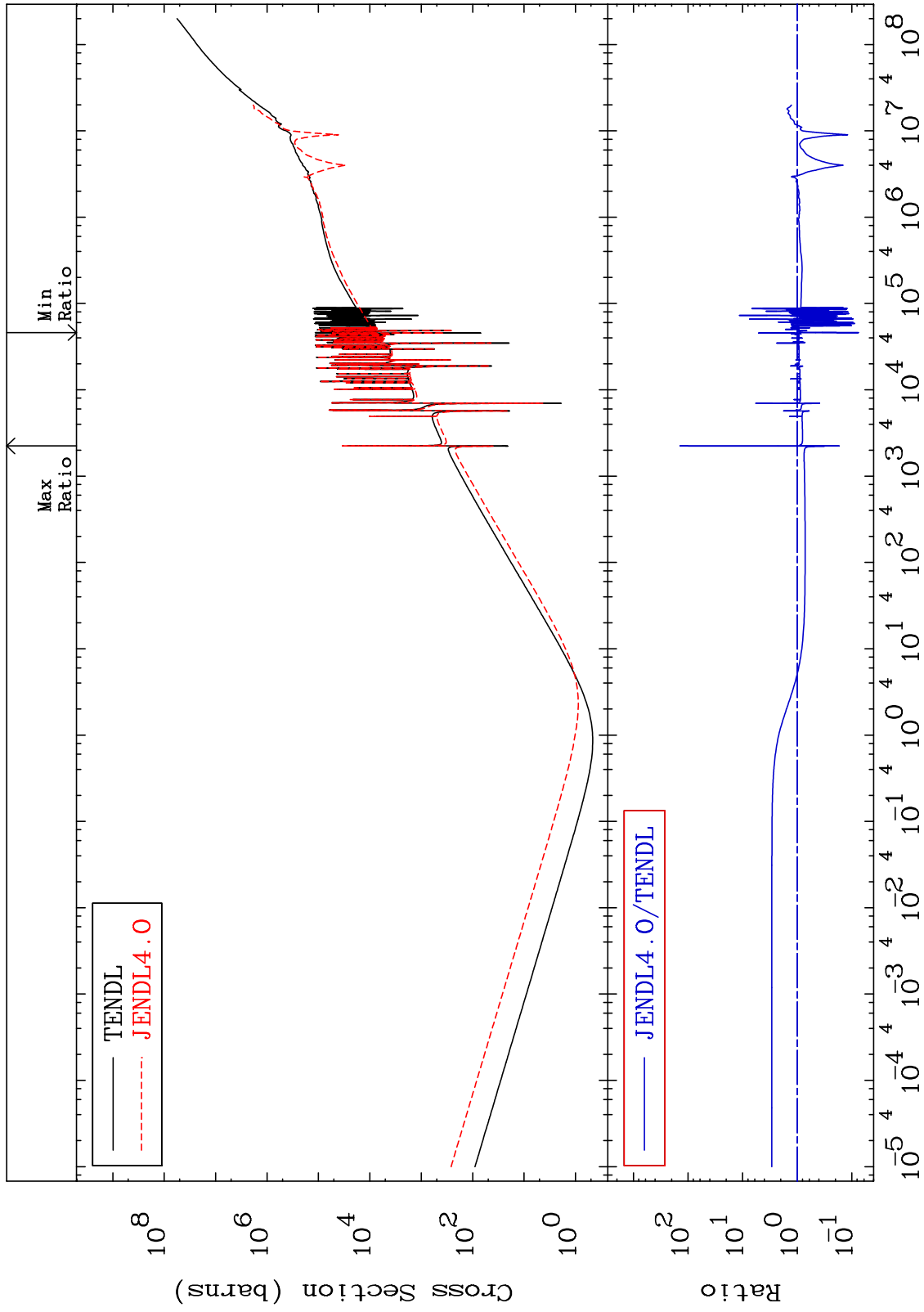
40-Zr-94
-32.10 To 9999. %



MAT 4037

Kerma total (eV-barns)
Cross Section

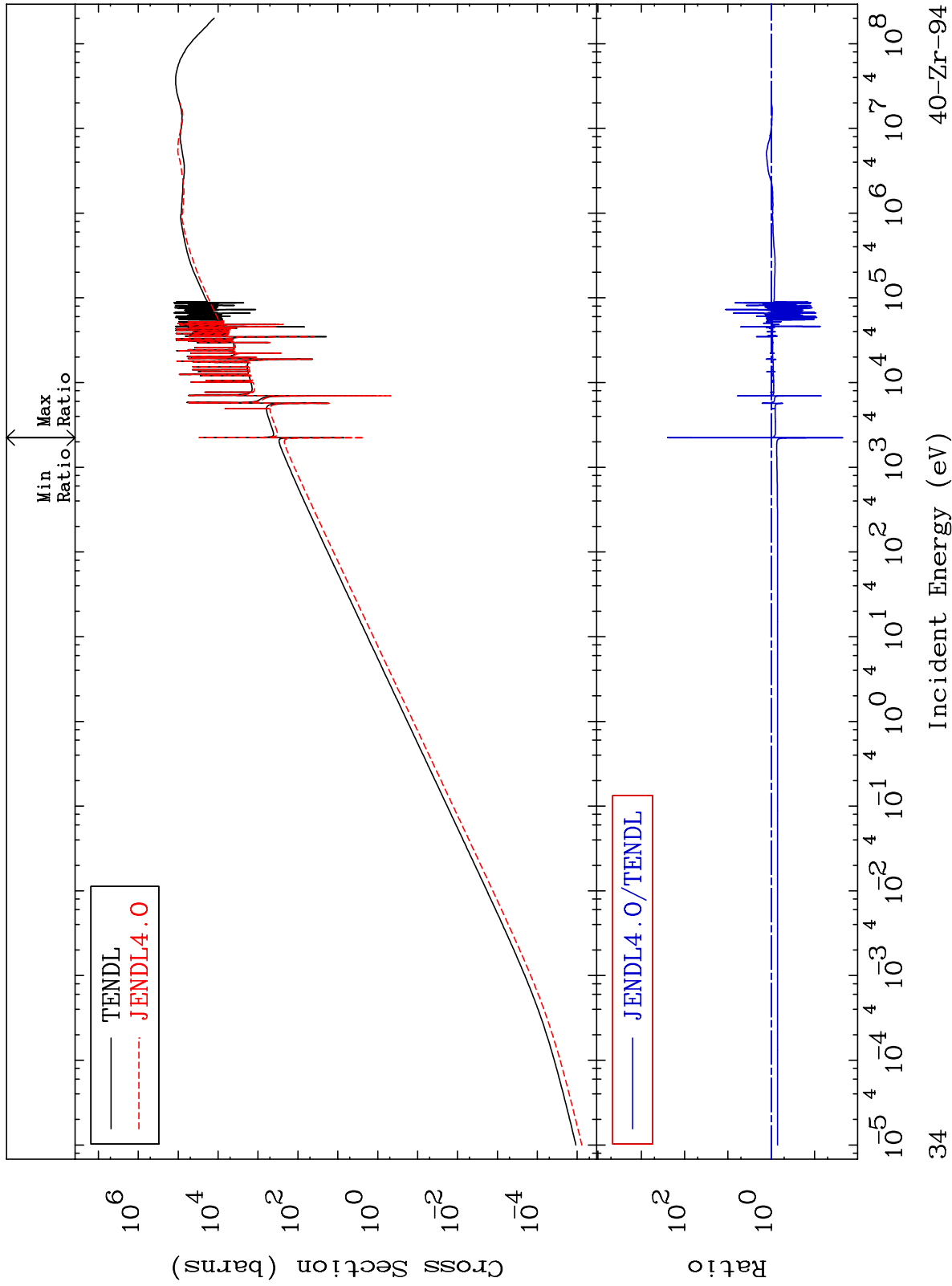
40-Zr-94
-92.42 To 9999. %



MAT 4037

Kerma elastic
Cross Section

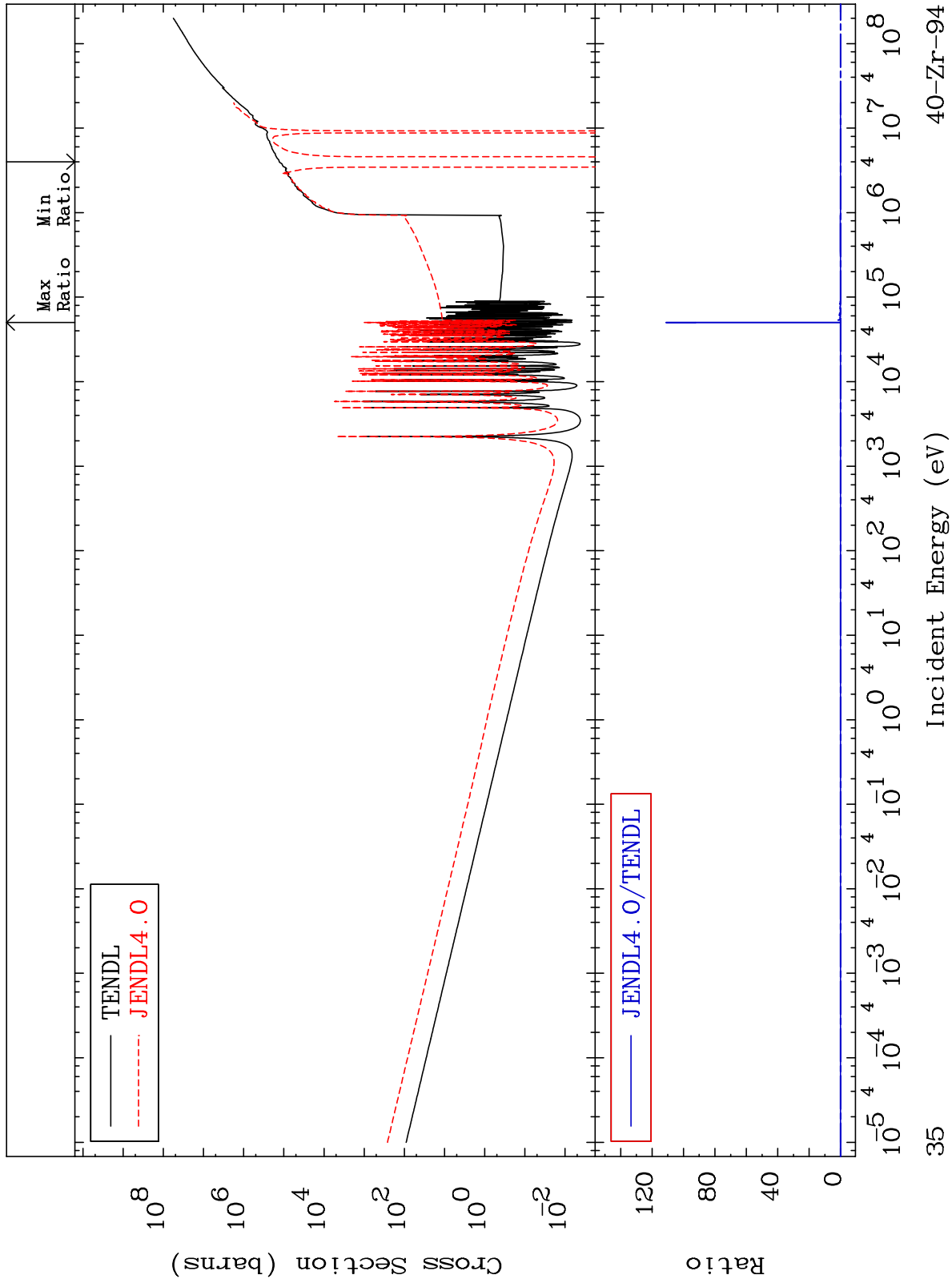
40-Zr-94
-97.76 To 9999. %



MAT 4037

Kerma non-elastic (all but mt2)
Cross Section

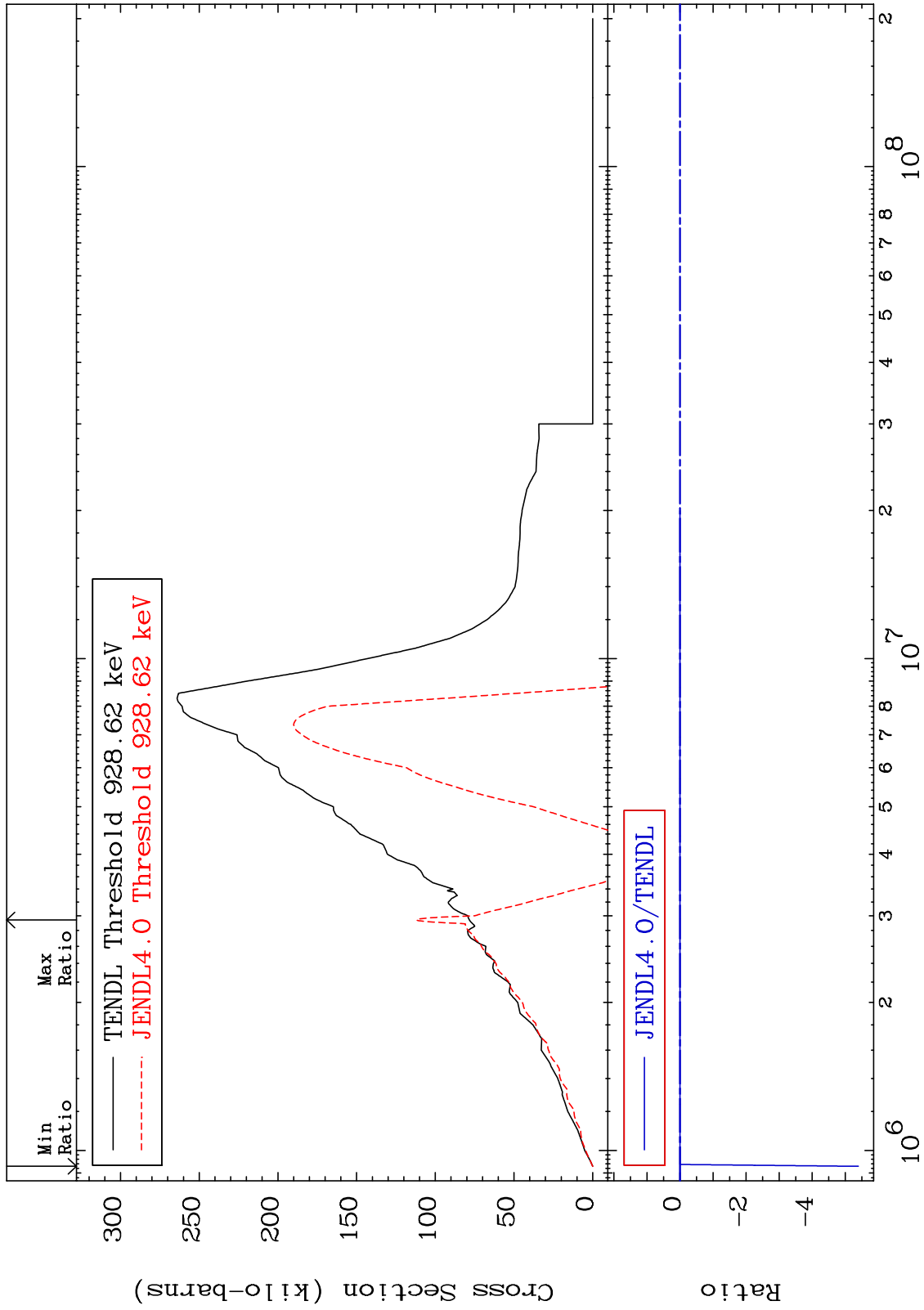
40-Zr-94
-145.7 To 9999. %



MAT 4037

Kerma inelastic (mt51-91)
Cross Section

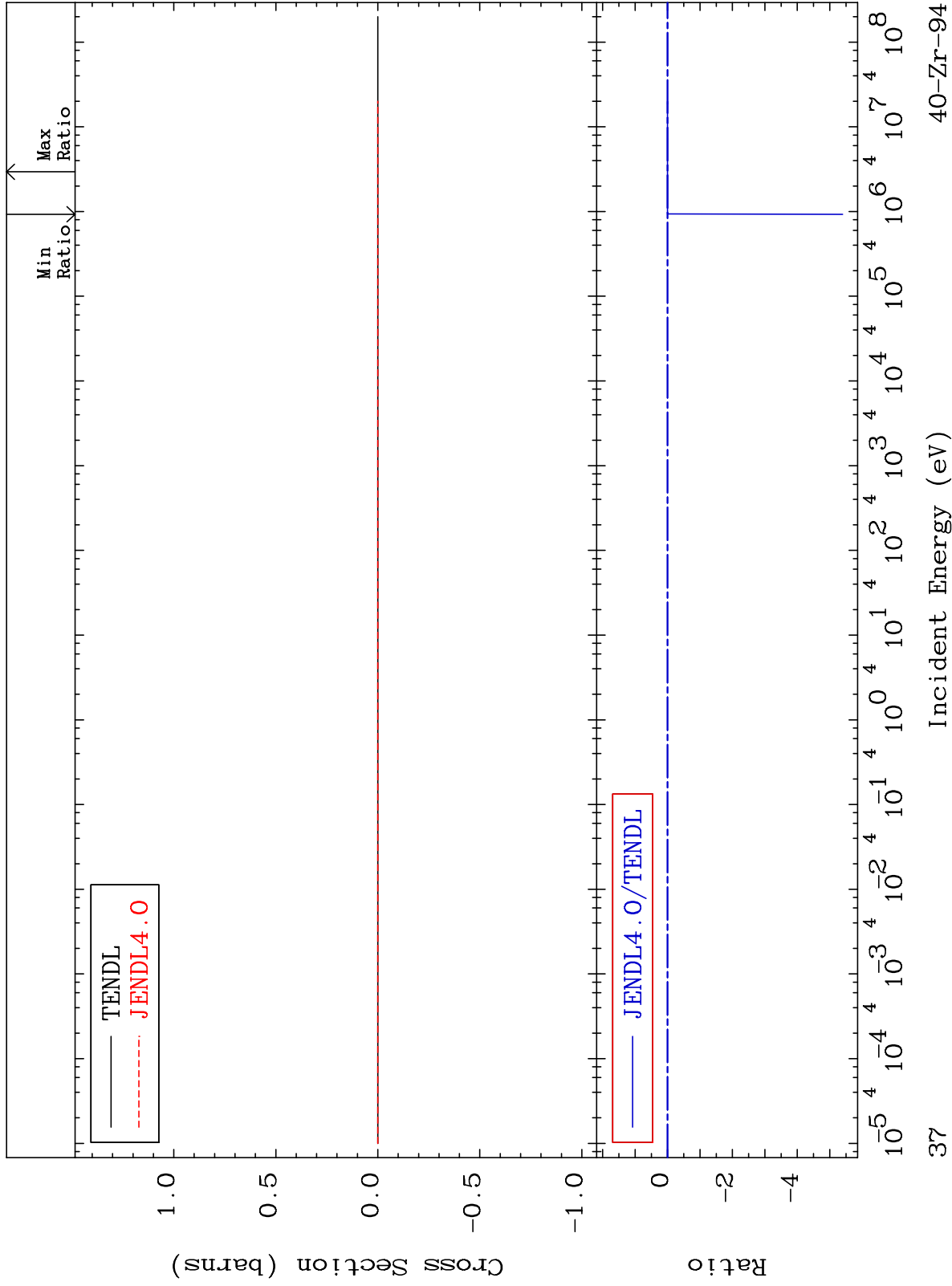
40-Zr-94
-9999. To 43.09 %



MAT 4037

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

40-Zr-94
-9999. To 43.09 %



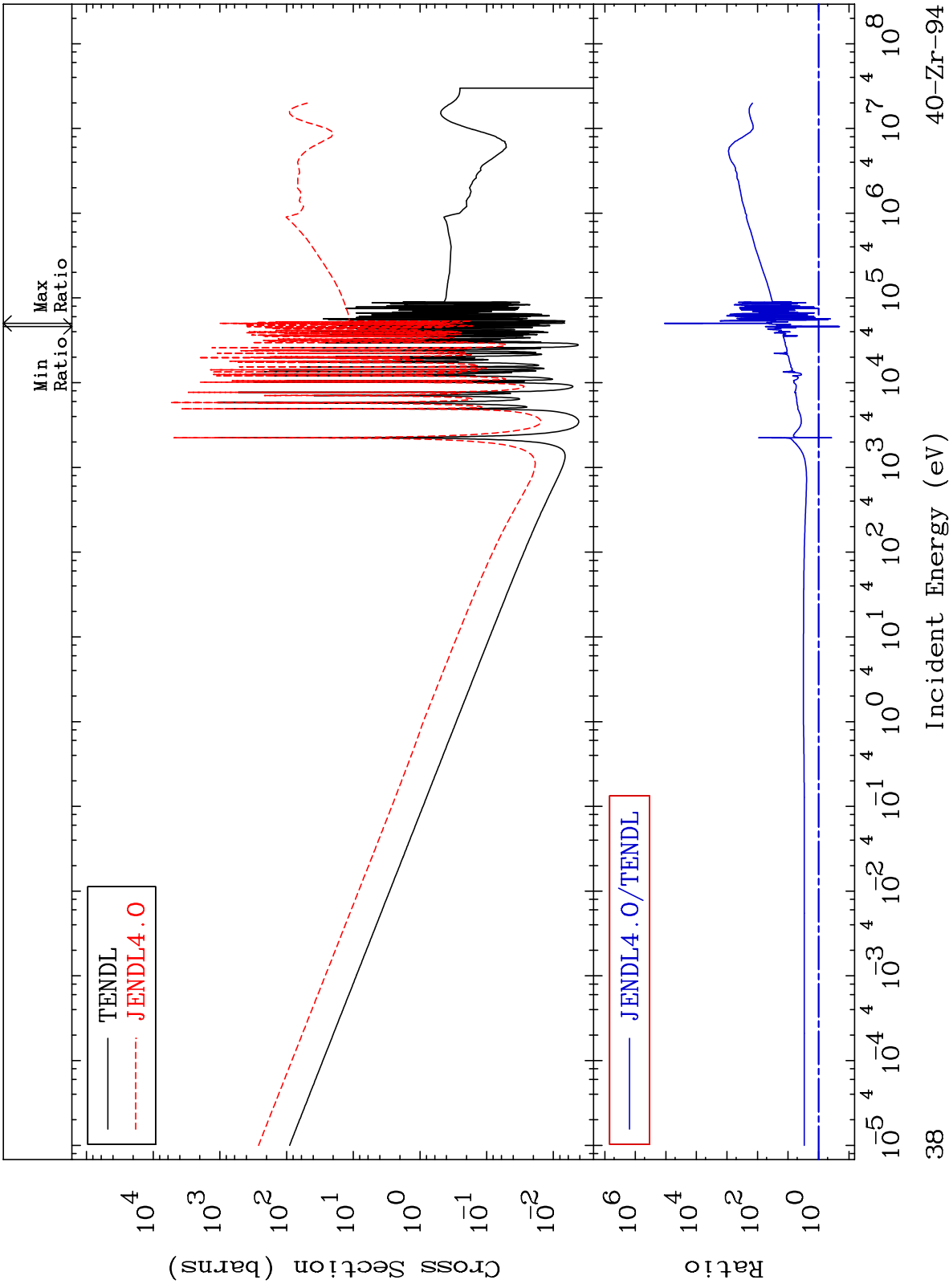
37

40-Zr-94

MAT 4037

Kerma capture (mt102)
Cross Section

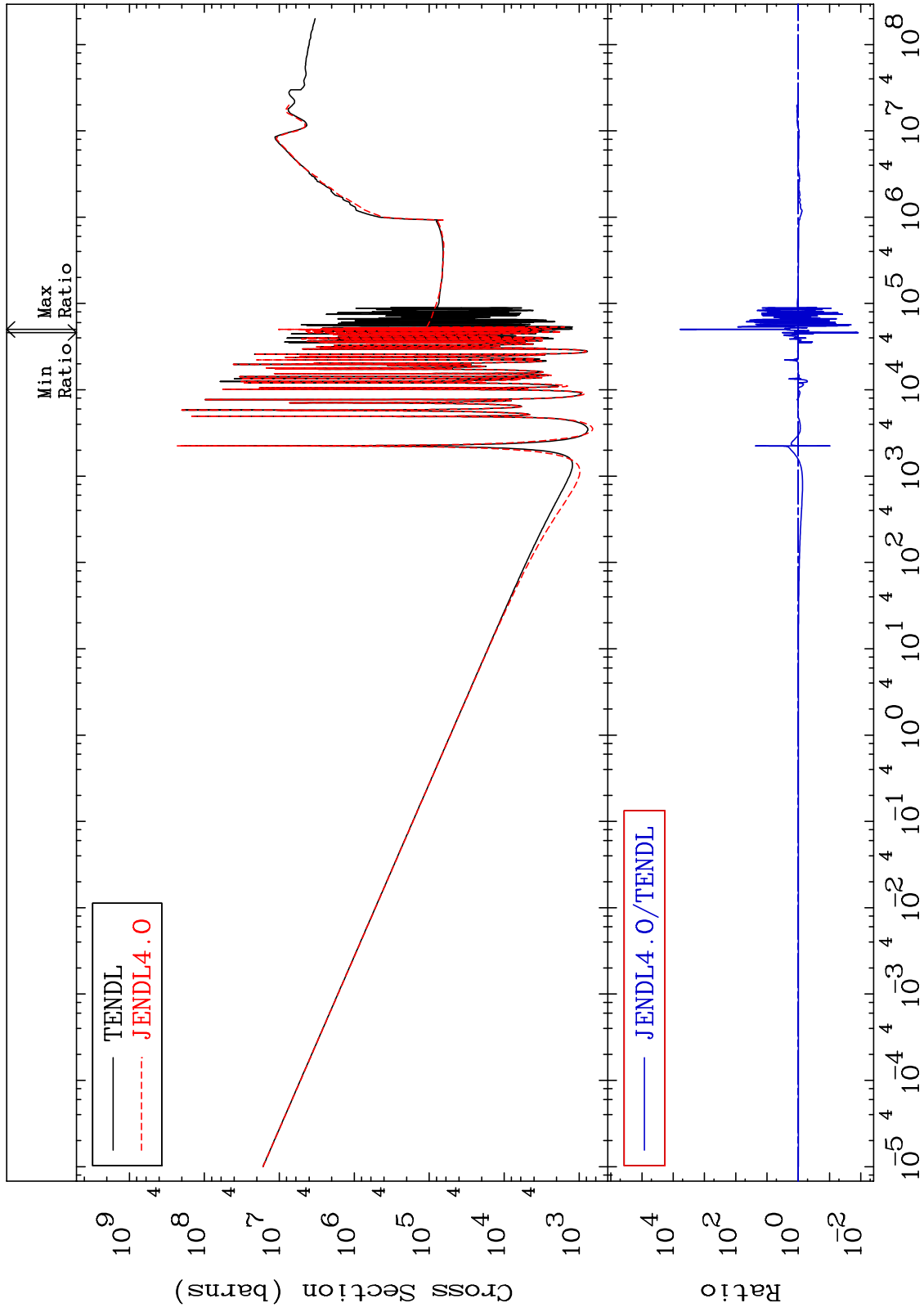
40-Zr-94
-79.68 To 9999. %



MAT 4037

Total photon (eV-barns)
Cross Section

40-Zr-94
-98.81 To 9999. %



39

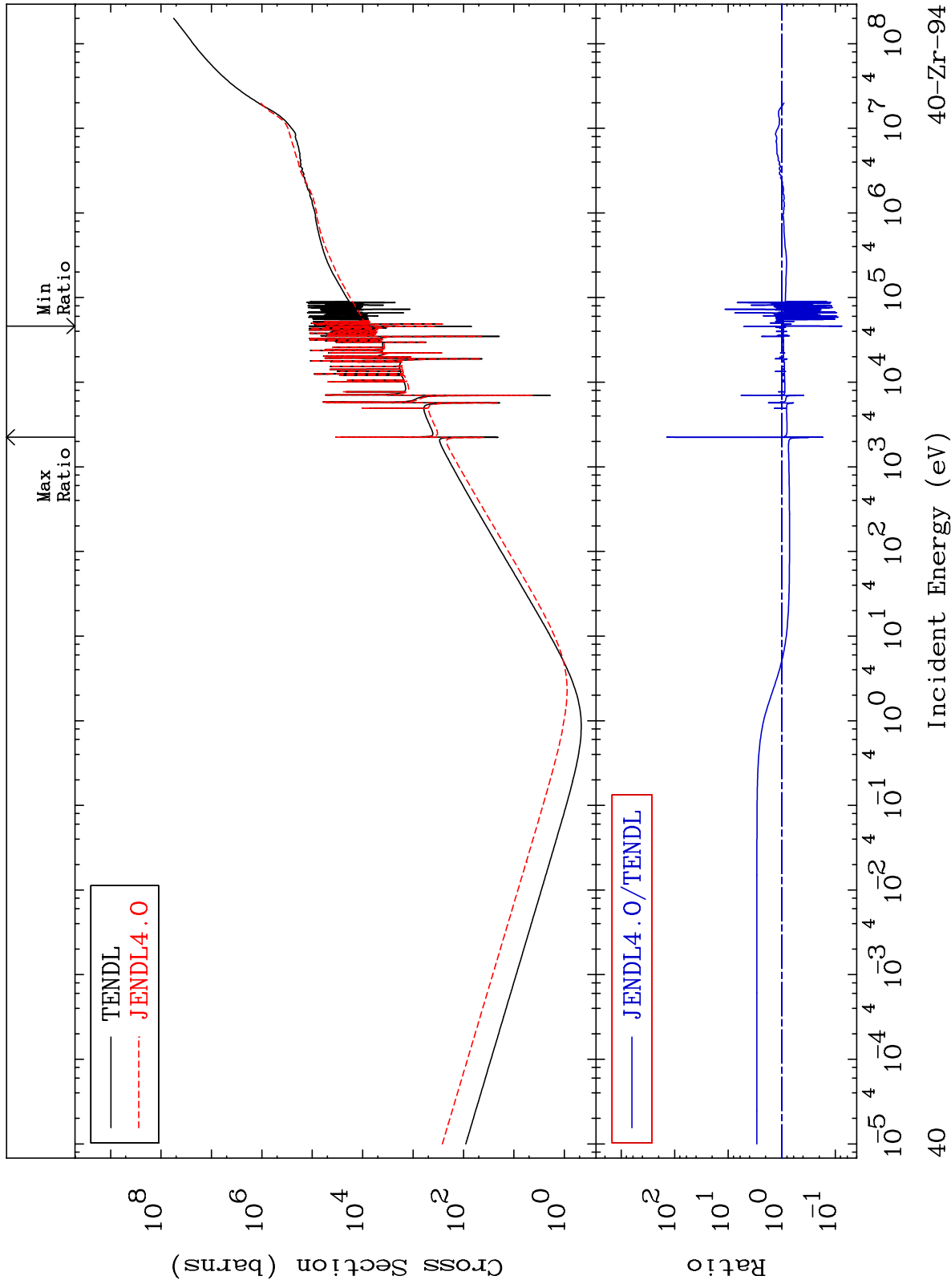
Incident Energy (eV)

40-Zr-94

MAT 4037

Total kinematic kerma (high limit)
Cross Section

40-Zr-94
-92.42 To 9999. %



40

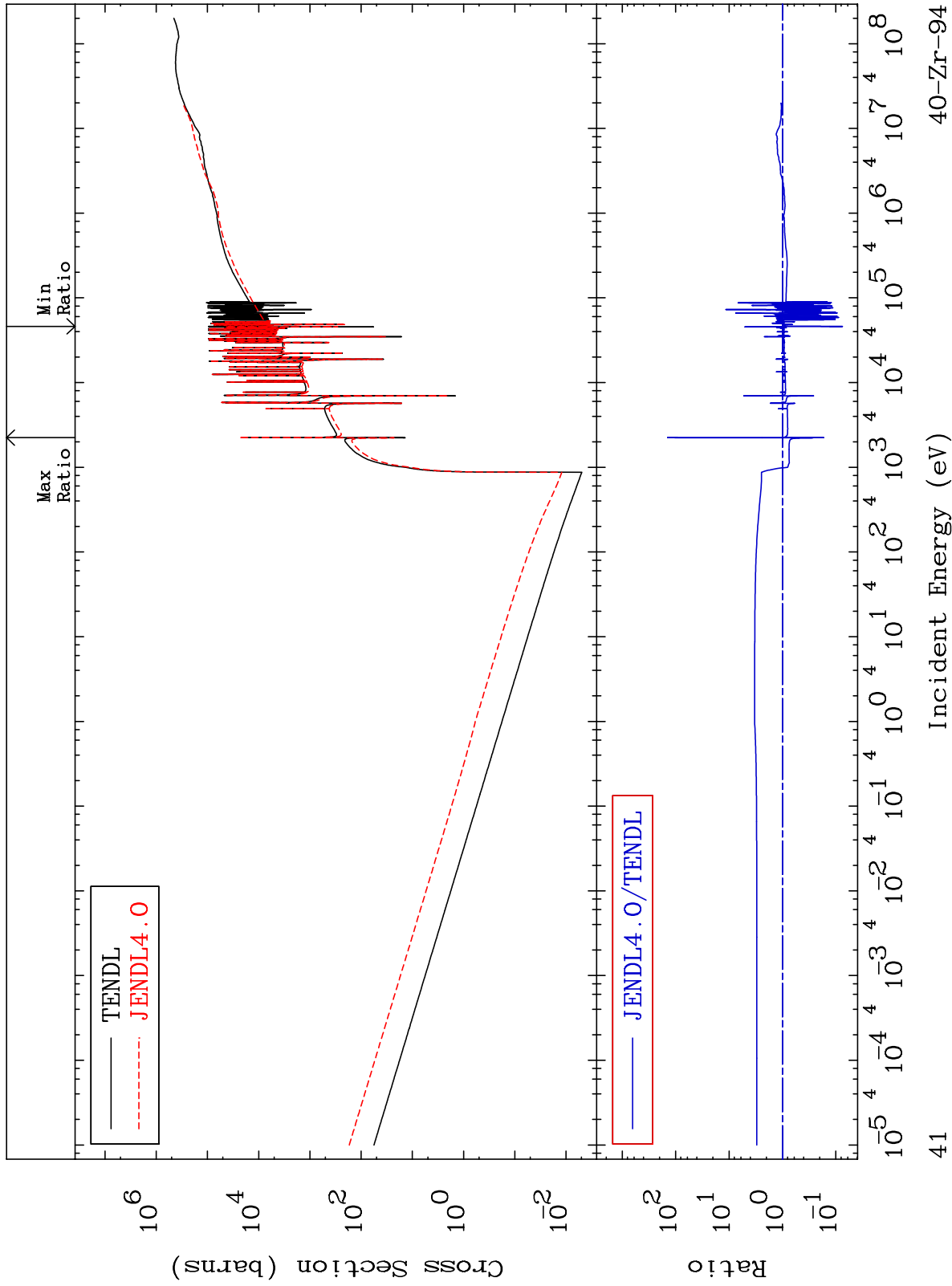
Incident Energy (eV)

40-Zr-94

MAT 4037

Dpa total (eV-barns)
Cross Section

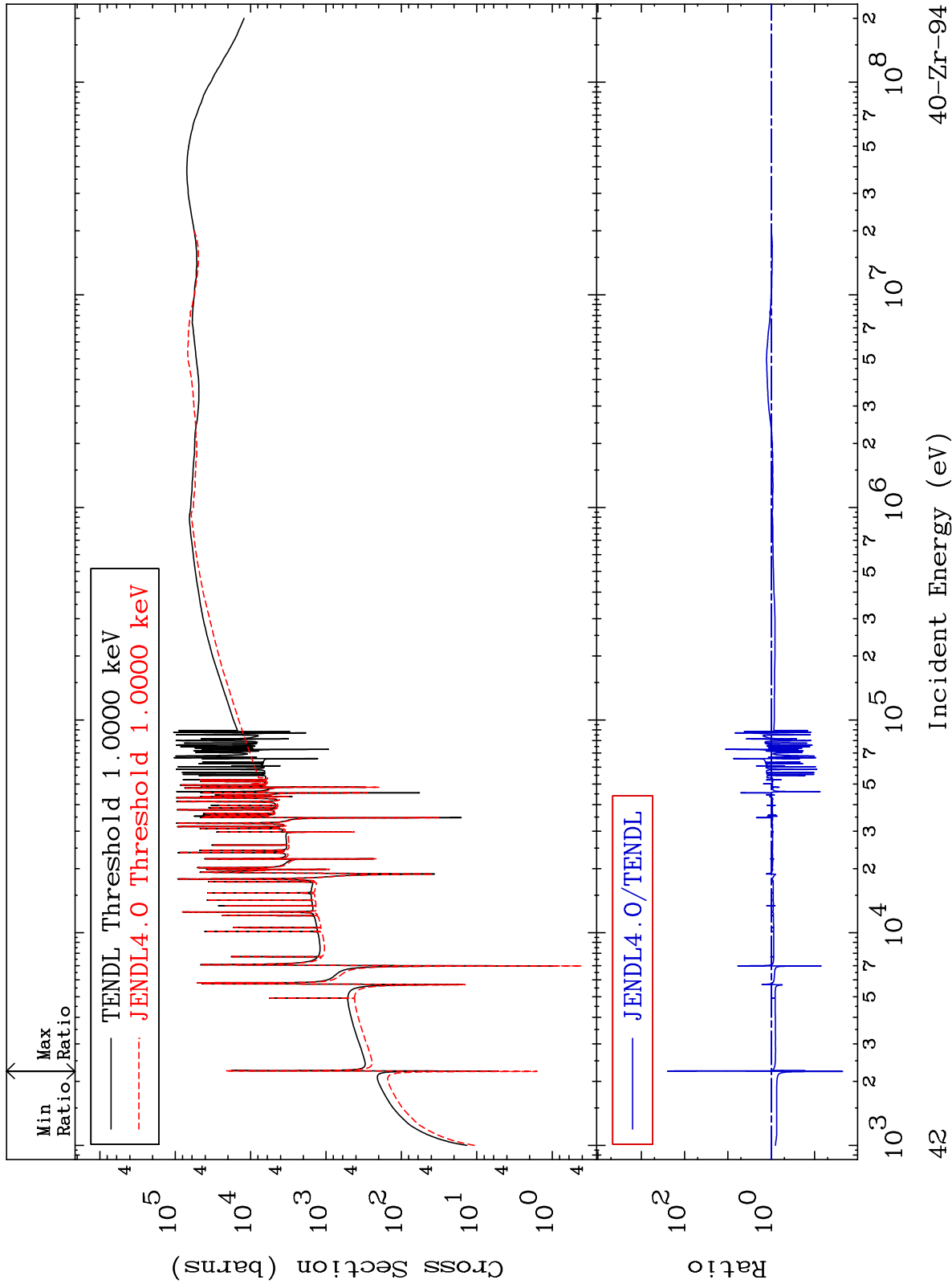
40-Zr-94
-92.55 To 9999. %



MAT 4037

Dpa elastic (mt2)
Cross Section

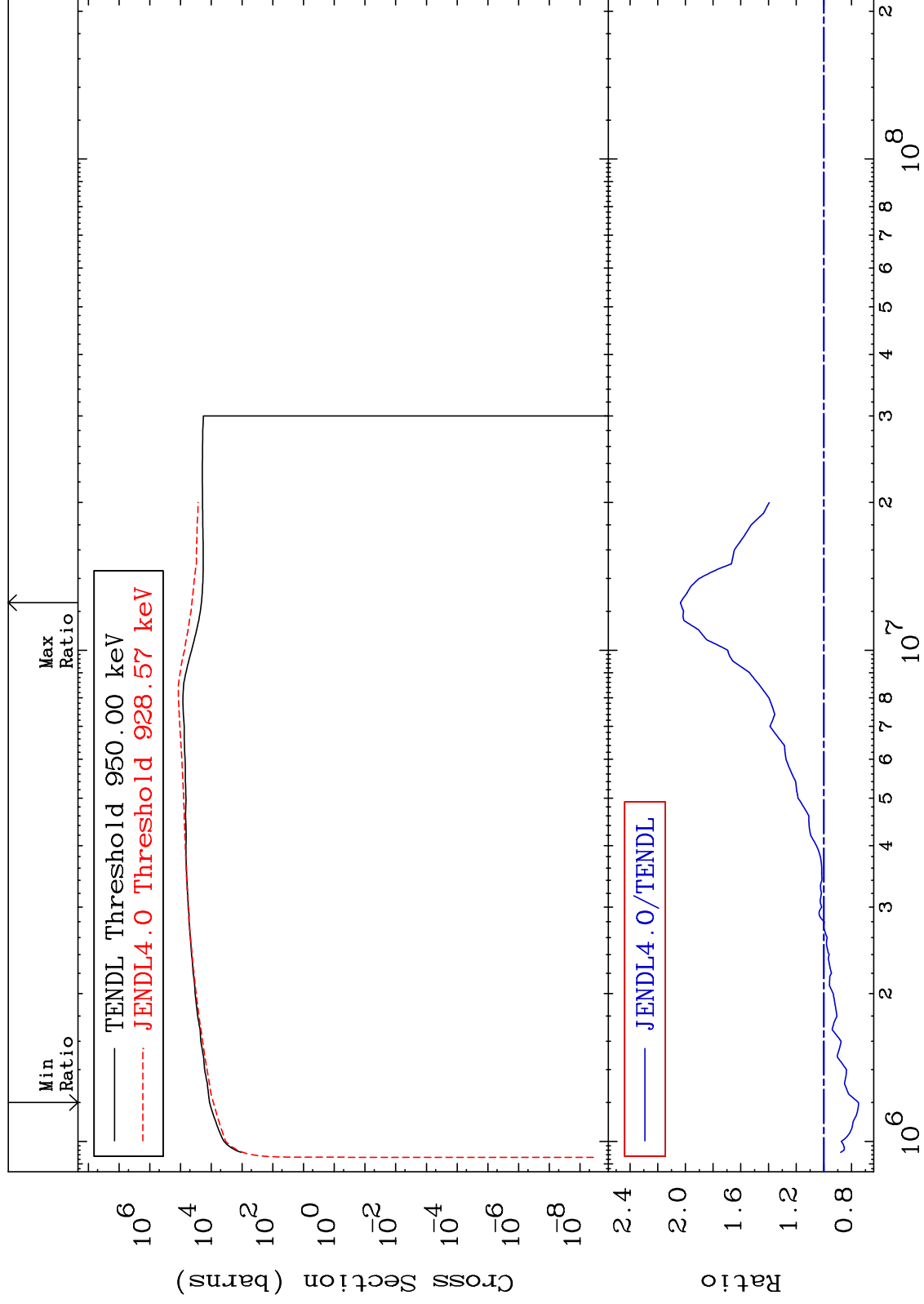
40-Zr-94
-97.76 To 9999. %



MAT 4037

Dpa inelastic (mt51-91)
Cross Section

40-Zr-94
-25.01 To 103.6 %



43

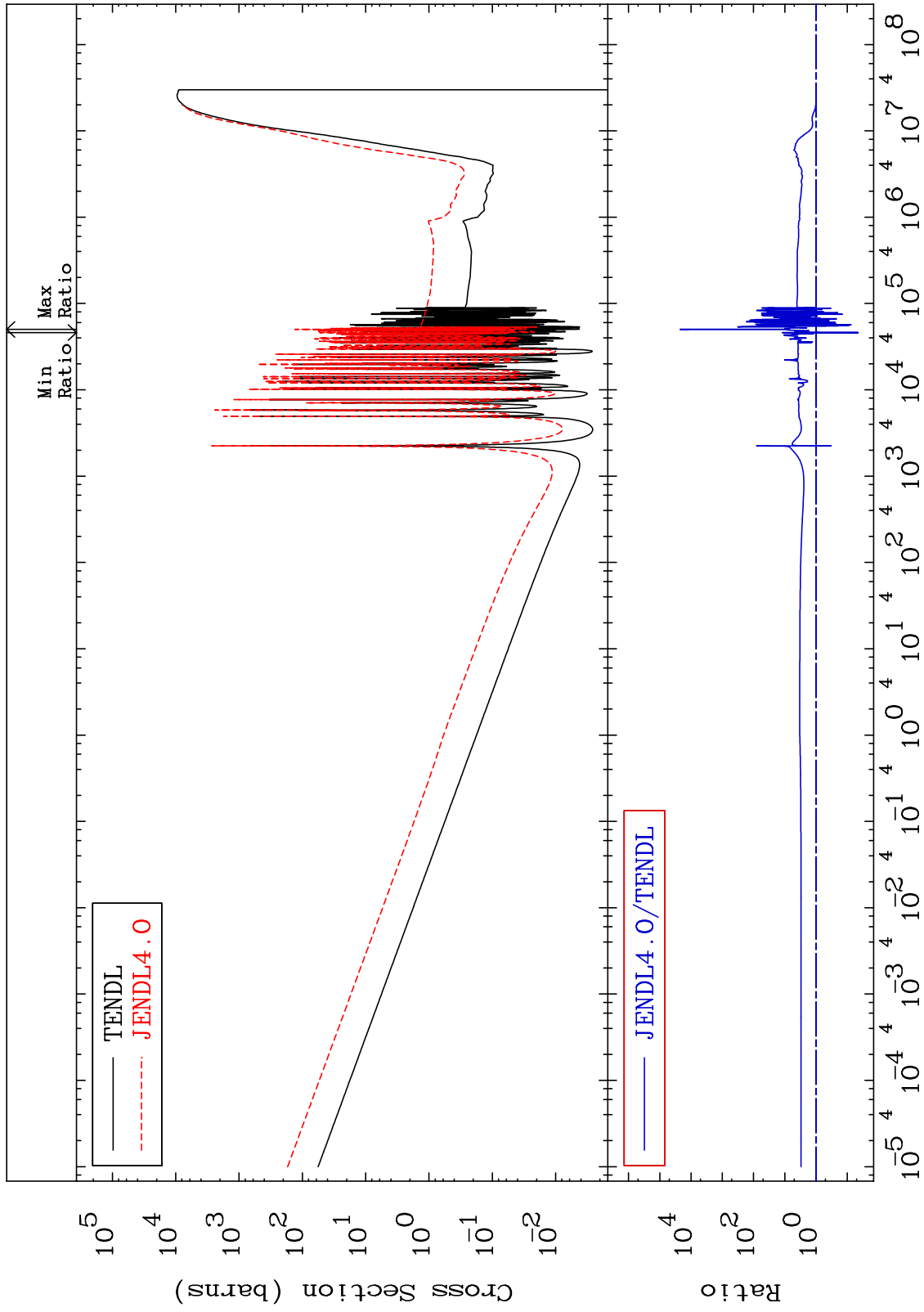
Incident Energy (eV)

40-Zr-94

MAT 4037

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-94
-95.60 To 9999. %



44

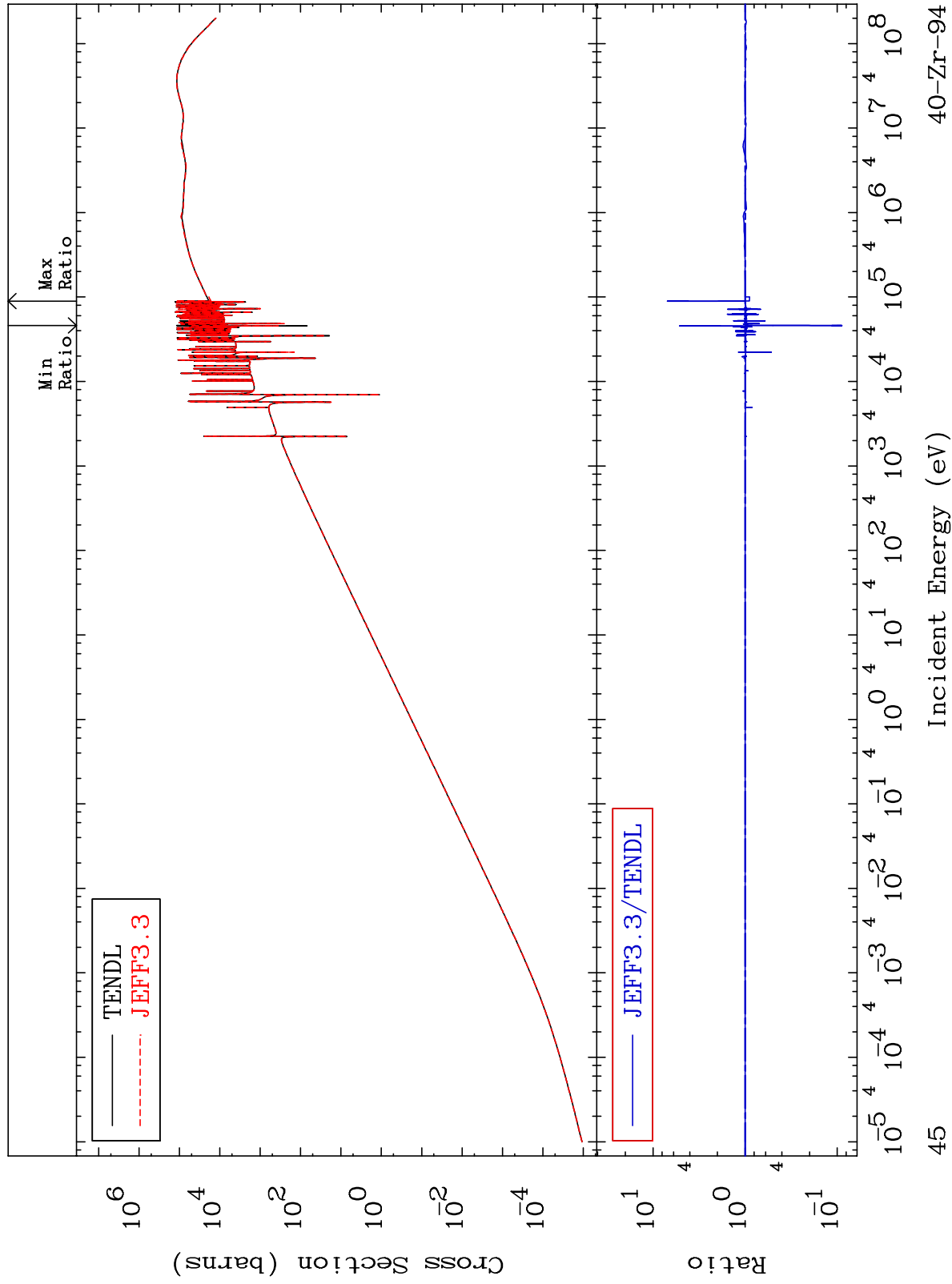
Incident Energy (eV)

40-Zr-94

MAT 4037

Kerma elastic
Cross Section

40-Zr-94
-91.15 To 598.3 %



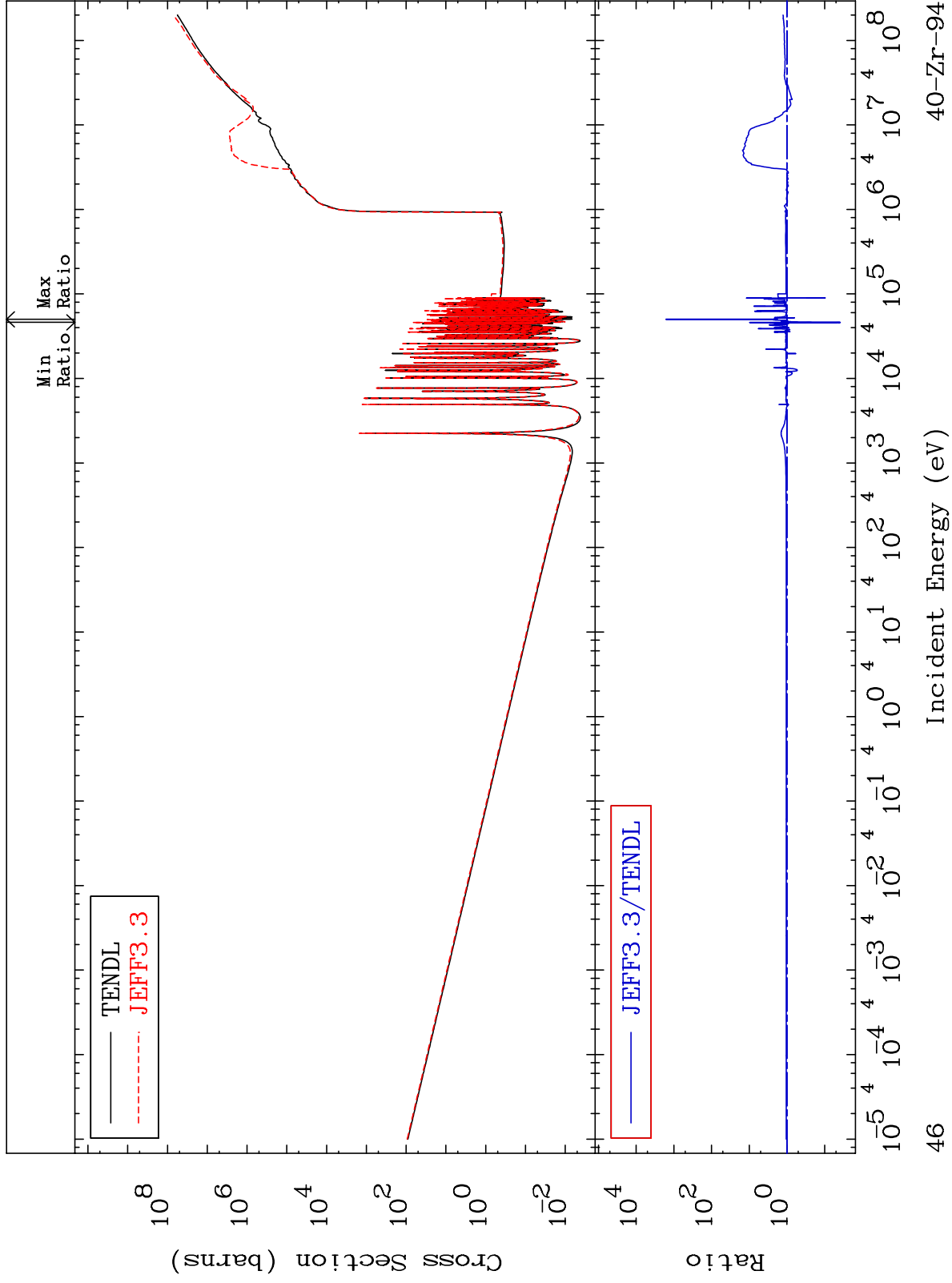
45

40-Zr-94

MAT 4037

Kerma non-elastic (all but mt2)
Cross Section

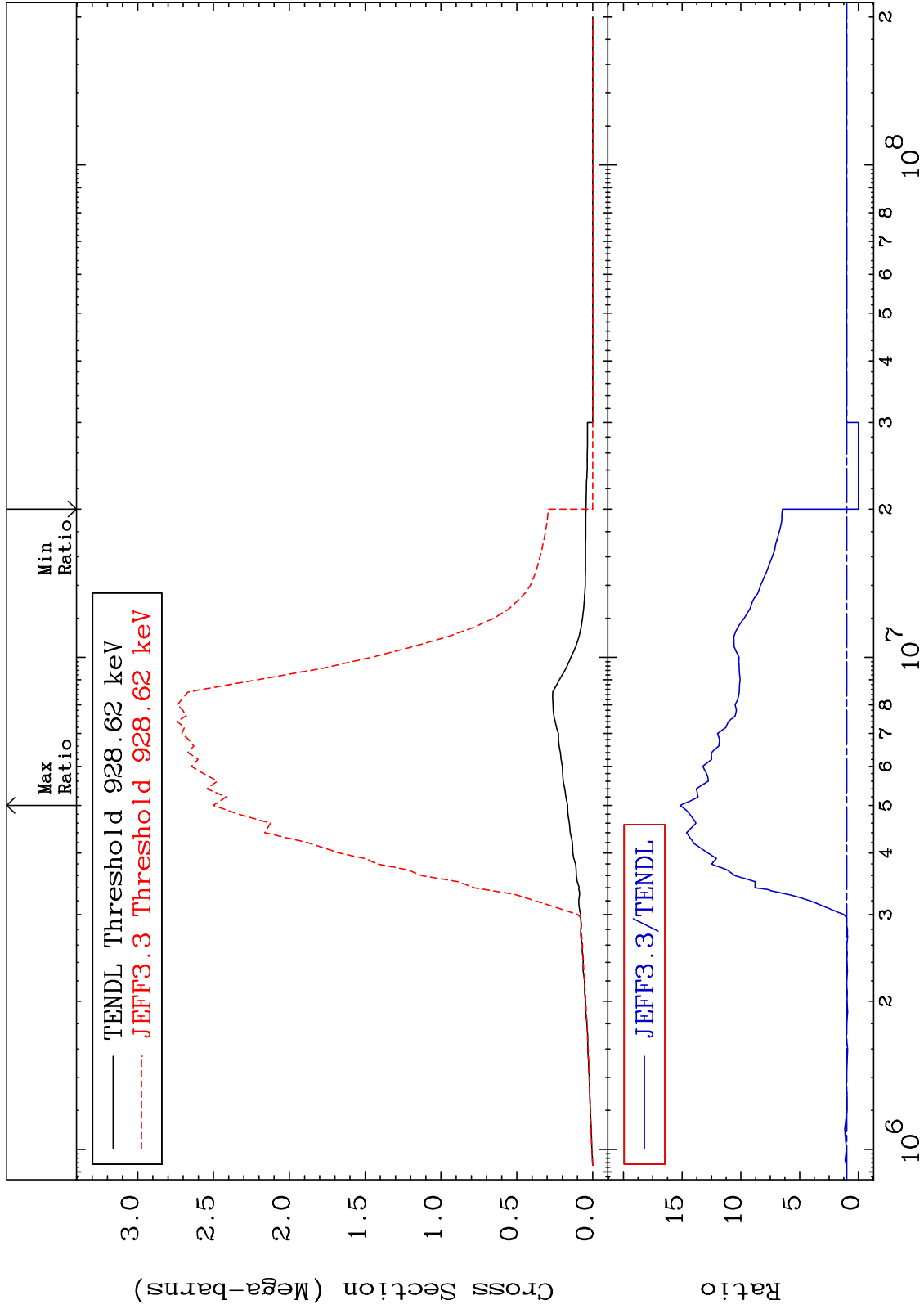
40-Zr-94
-96.22 To 9999. %



MAT 4037

Kerma inelastic (mt51-91)
Cross Section

40-Zr-94
-100.0 To 1418. %

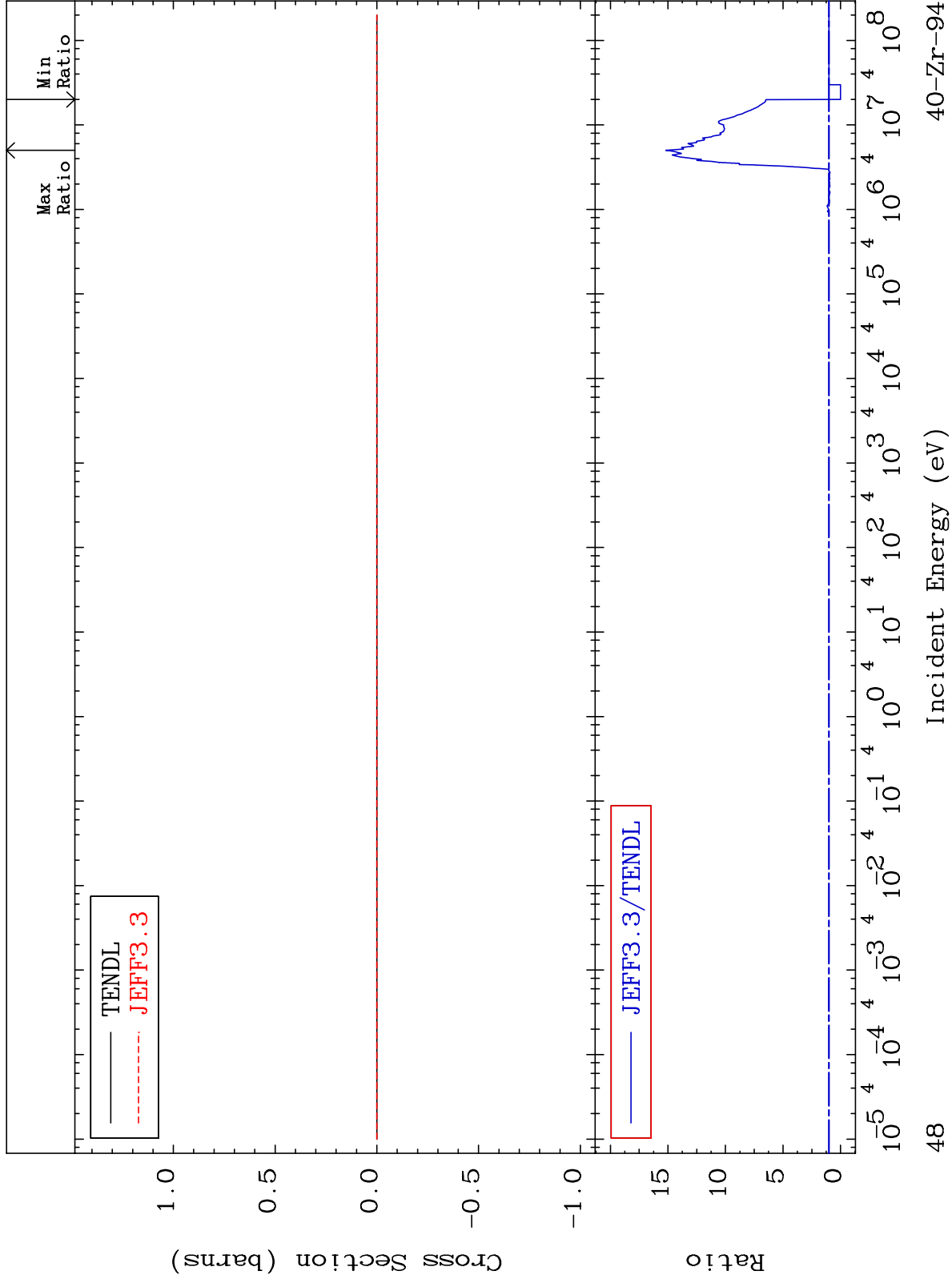


47 40-Zr-94

MAT 4037

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

40-Zr-94
-100.0 To 1418. %



48

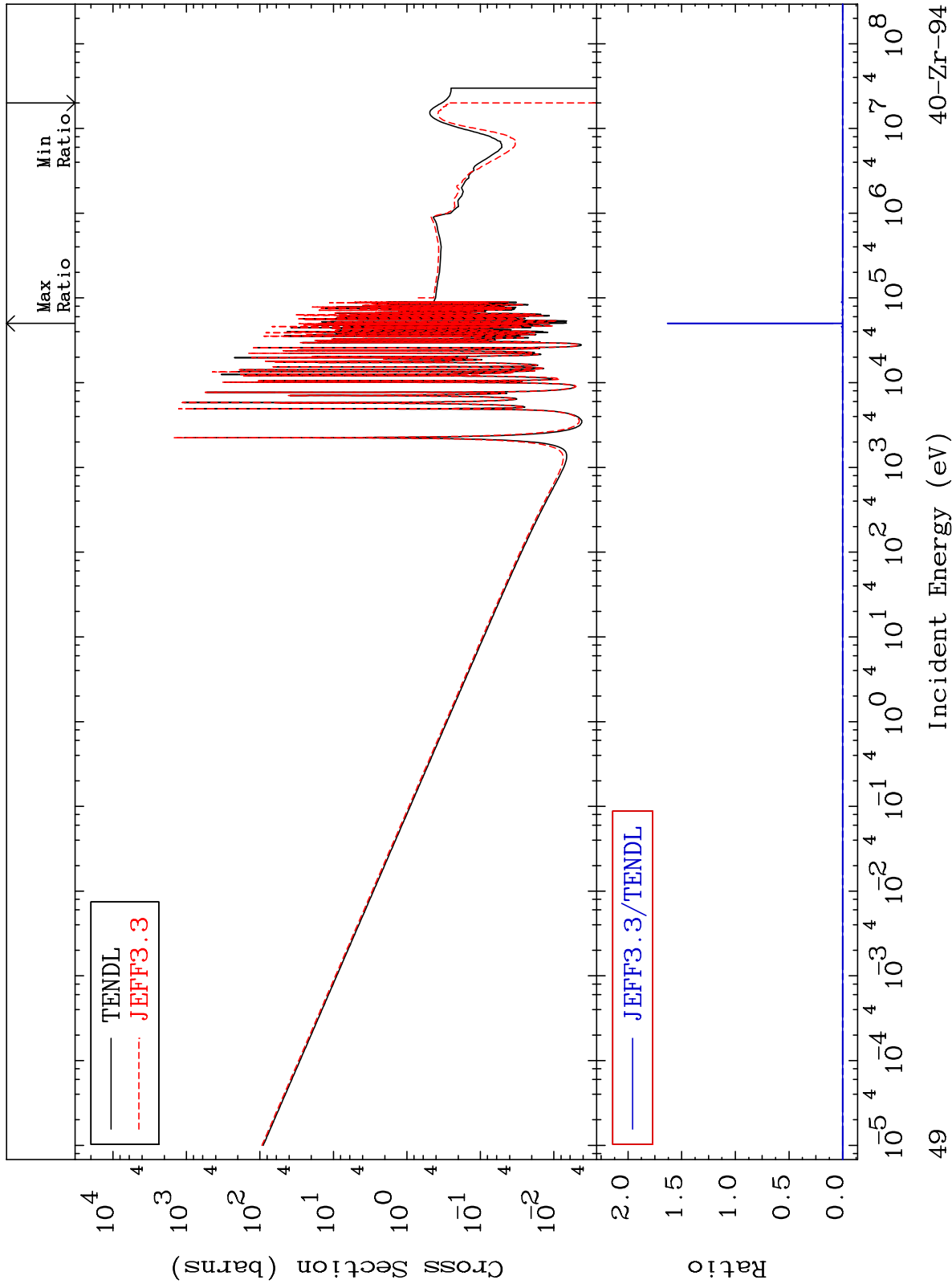
Incident Energy (eV)

40-Zr-94

MAT 4037

Kerma capture (mt102)
Cross Section

40-Zr-94
-100.0 To 9999. %



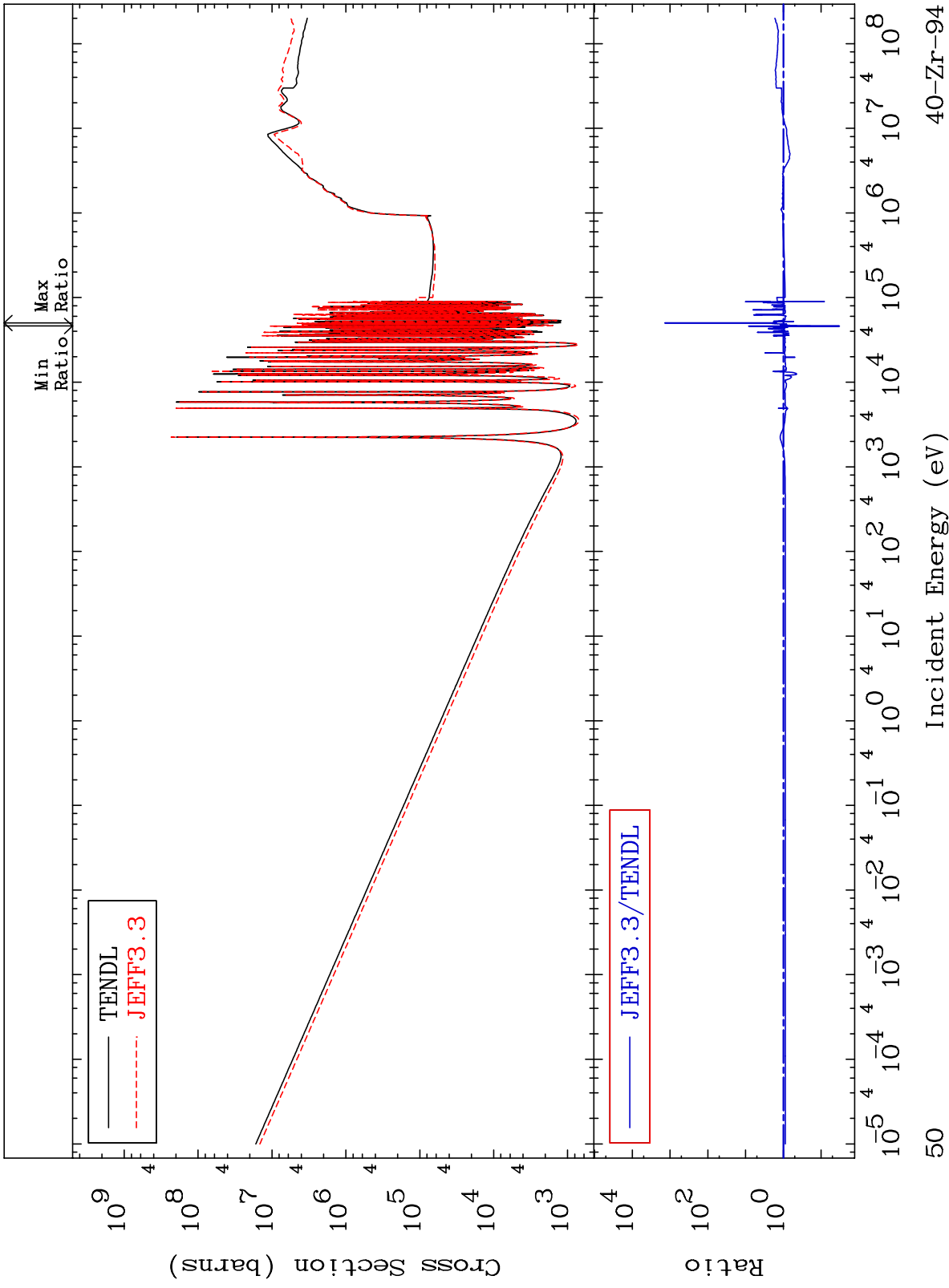
49

40-Zr-94

MAT 4037

Total photon (eV-barns)
Cross Section

40-Zr-94
-96.79 To 9999. %



50

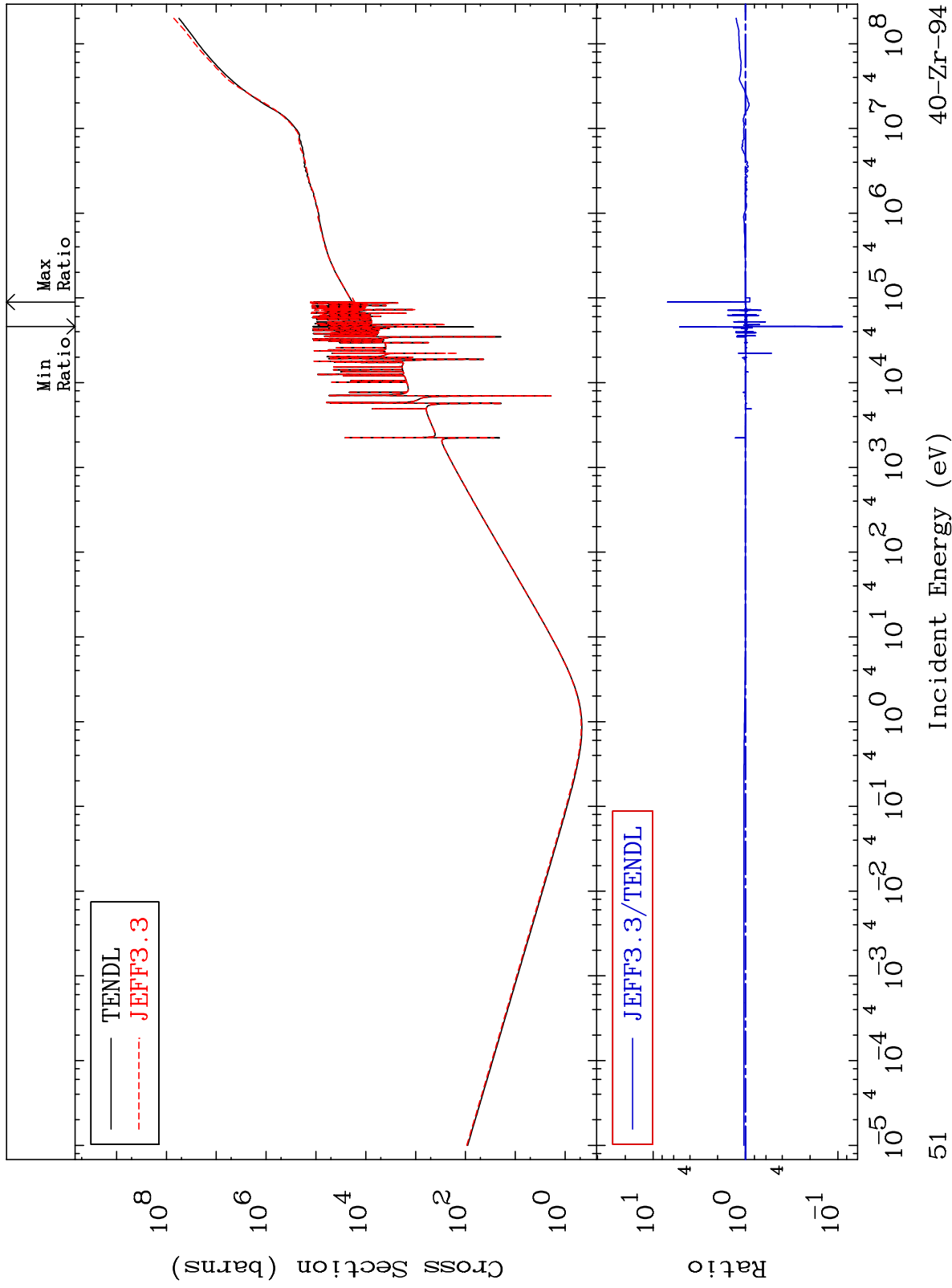
Incident Energy (eV)

40-Zr-94

MAT 4037

Total kinematic kerma (high limit)
Cross Section

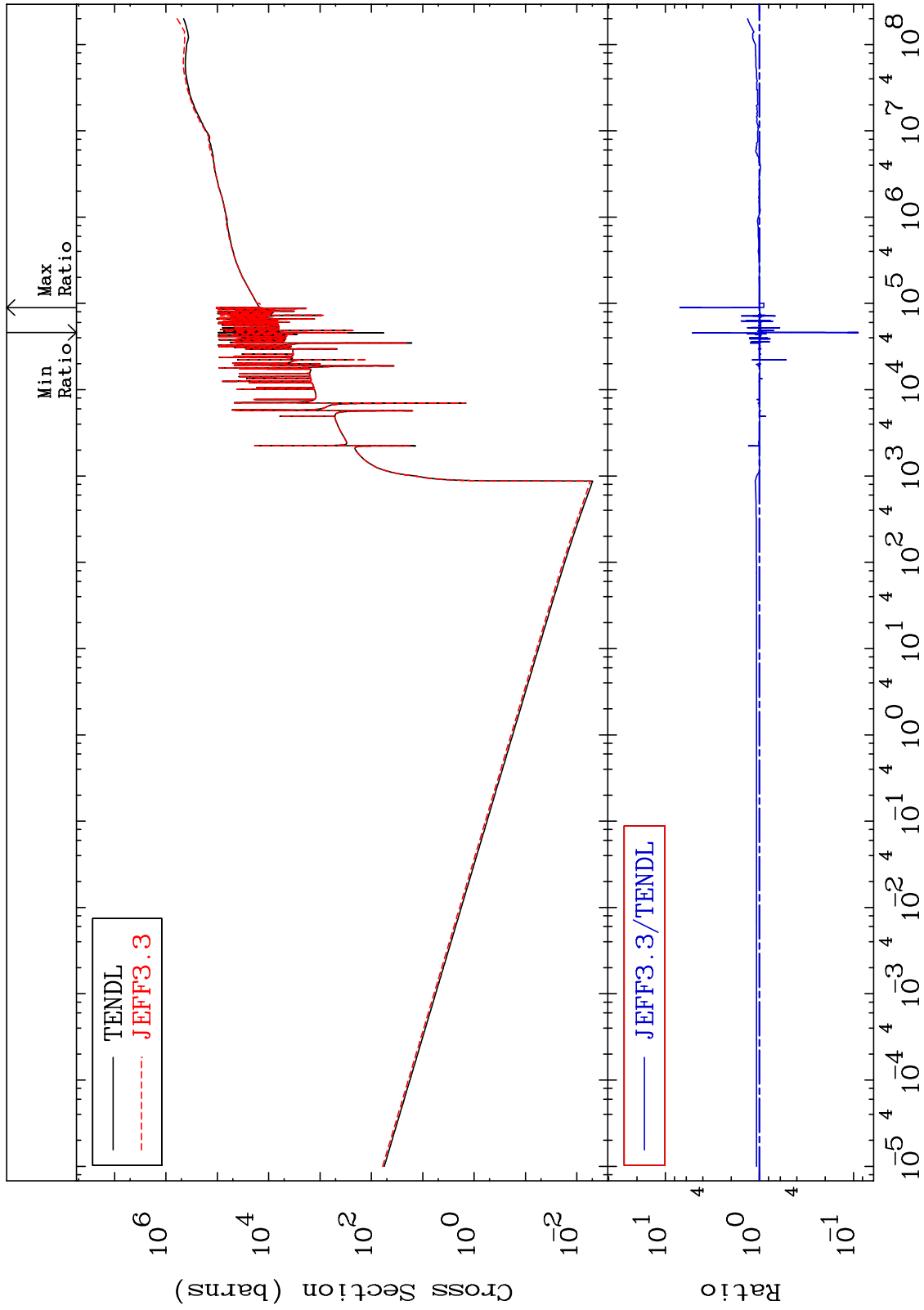
40-Zr-94
-91.14 To 598.3 %



MAT 4037

Dpa total (eV-barns)
Cross Section

40-Zr-94
-91.14 To 598.4 %



52

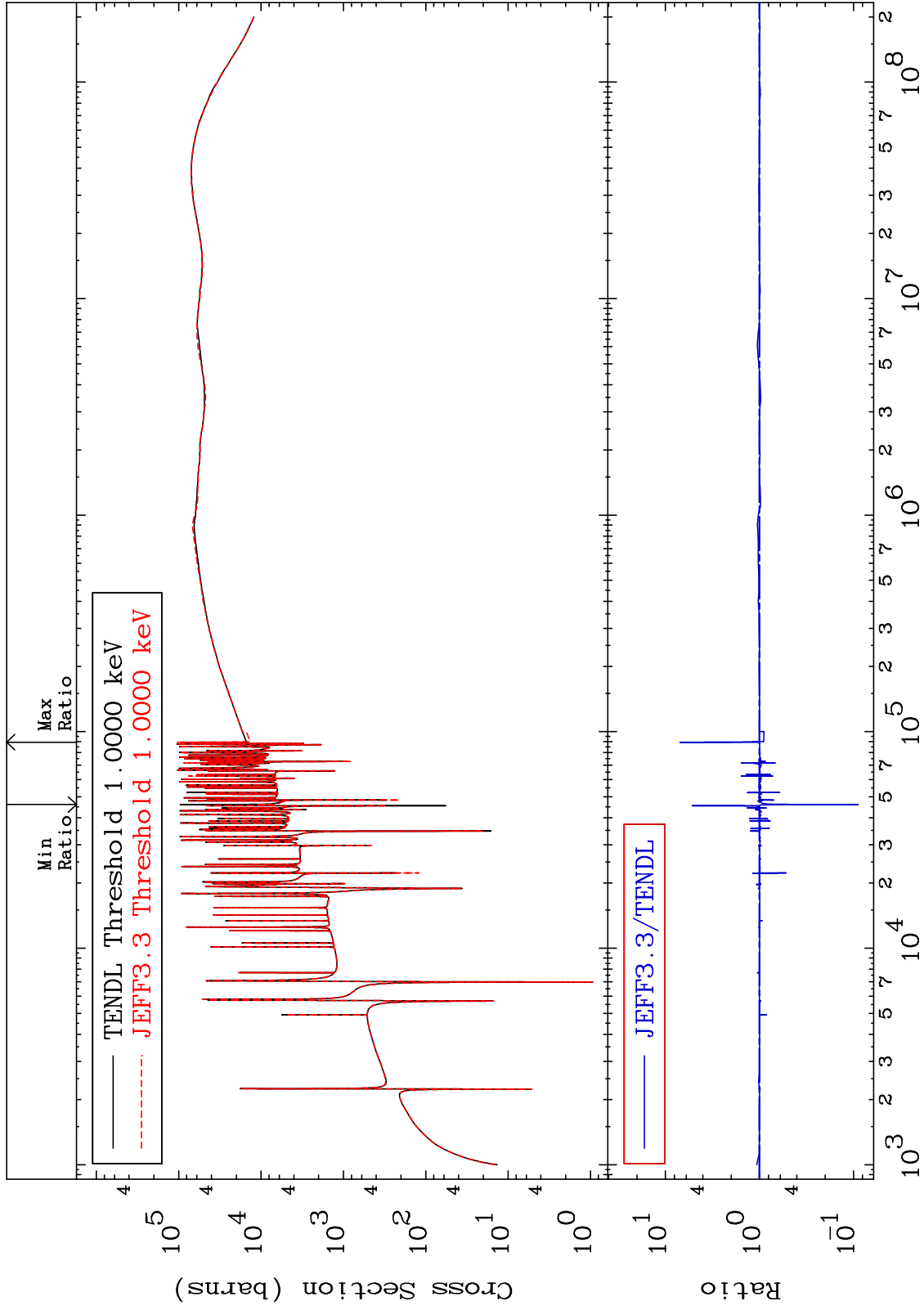
Incident Energy (eV)

40-Zr-94

MAT 4037

Dpa elastic (mt2)
Cross Section

40-Zr-94
-91.14 To 598.4 %



53

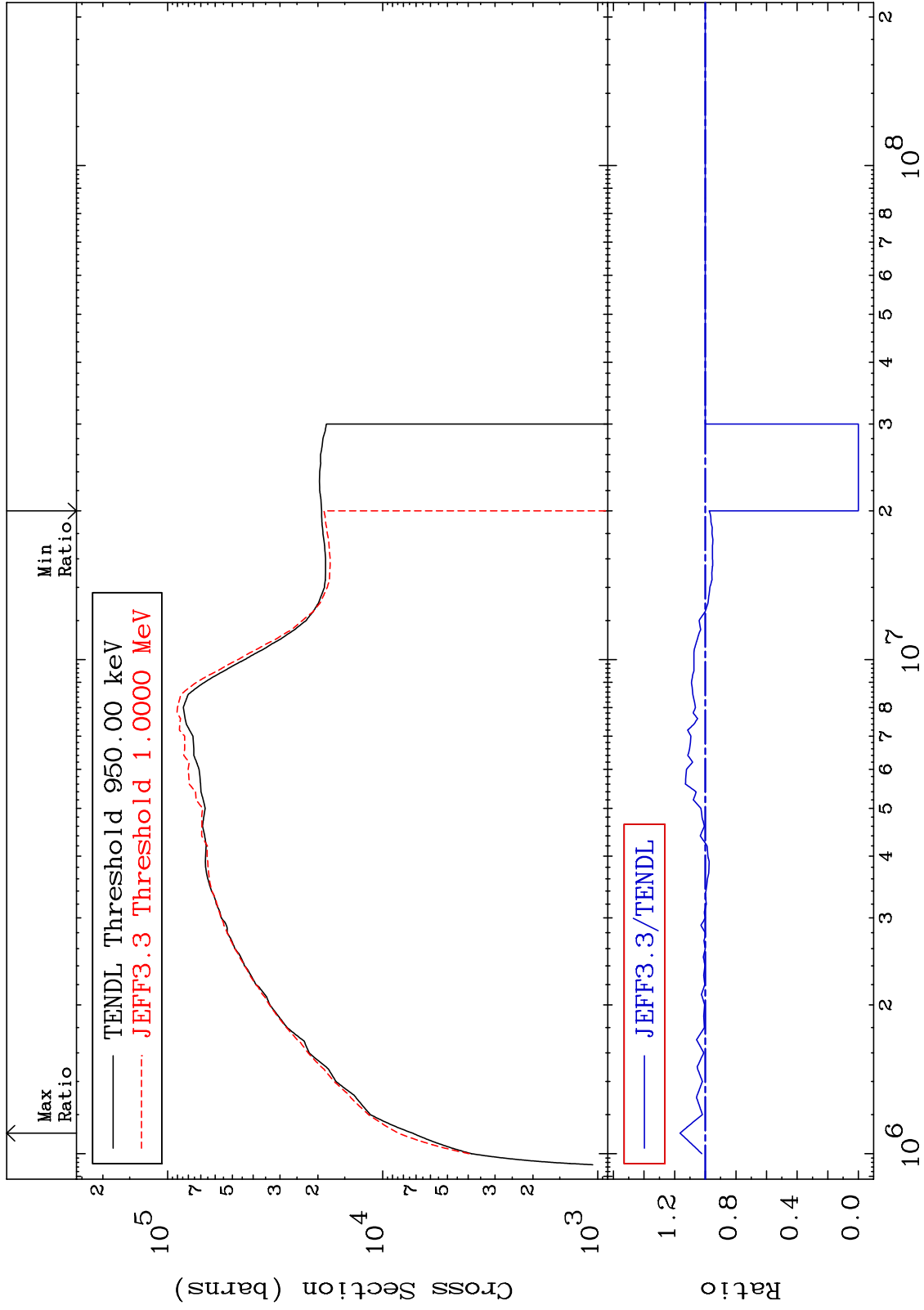
Incident Energy (eV)

40-Zr-94

MAT 4037

Dpa inelastic (mt51-91)
Cross Section

40-Zr-94
-100.0 To 16.51 %



54

Incident Energy (eV)

40-Zr-94

MAT 4037

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-94
-100.0 To 9999. %

