

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

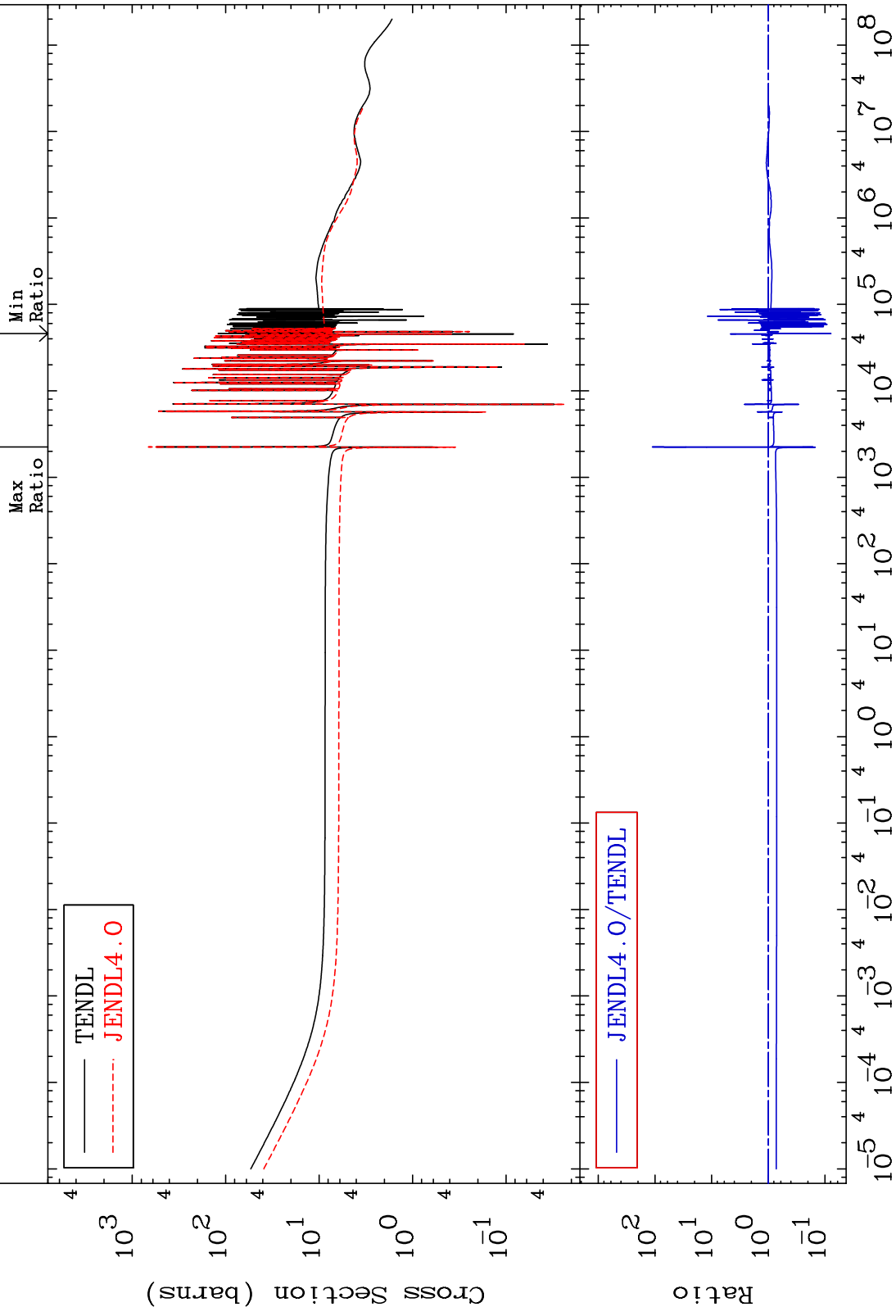
MAT 4037

Total

40-Zr-94

-92.12 To 9999. %

Cross Section



Incident Energy (eV)

40-Zr-94

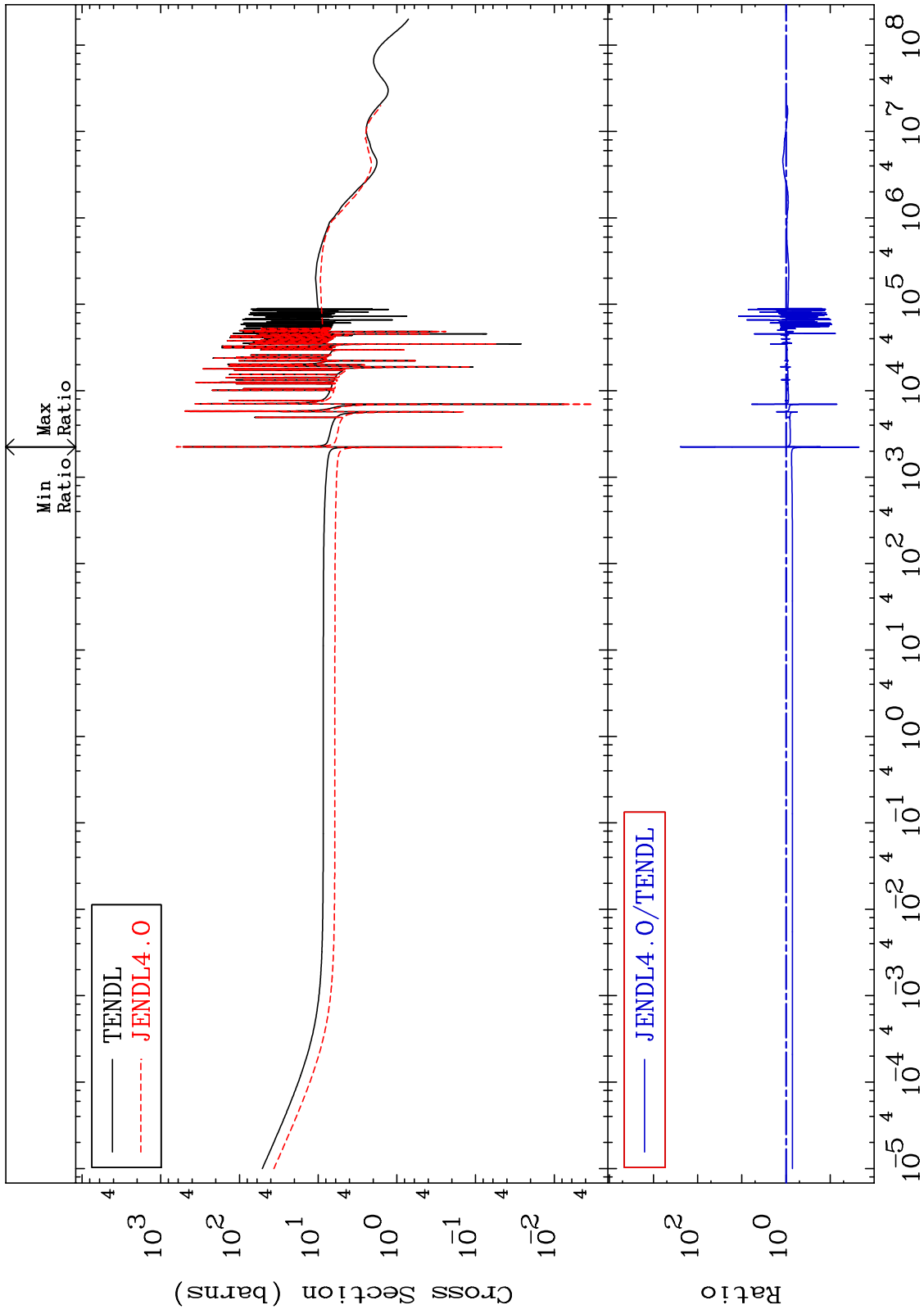
MAT 4037

Elastic

40-Zr-94

Cross Section

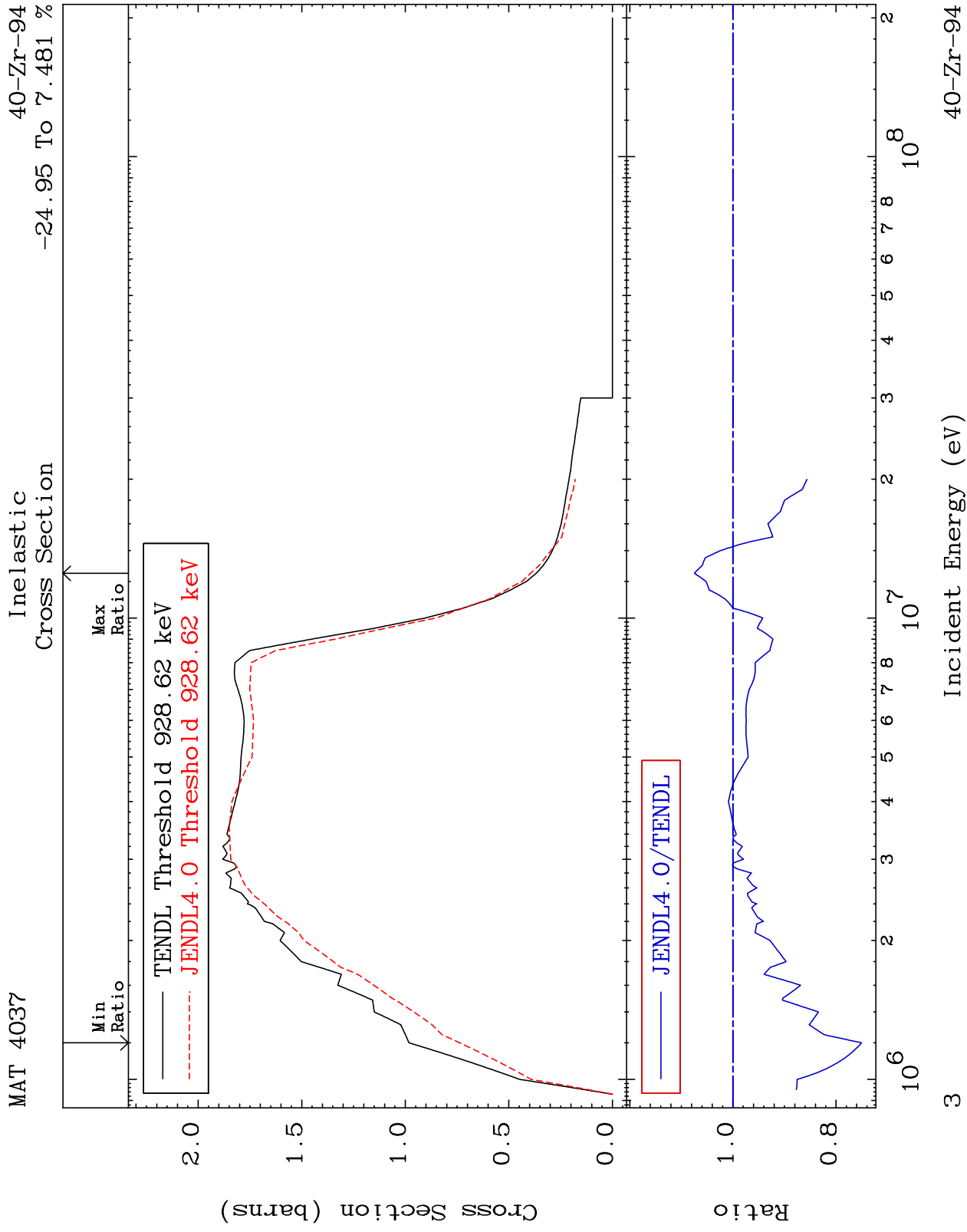
-97.76 To 9999. %



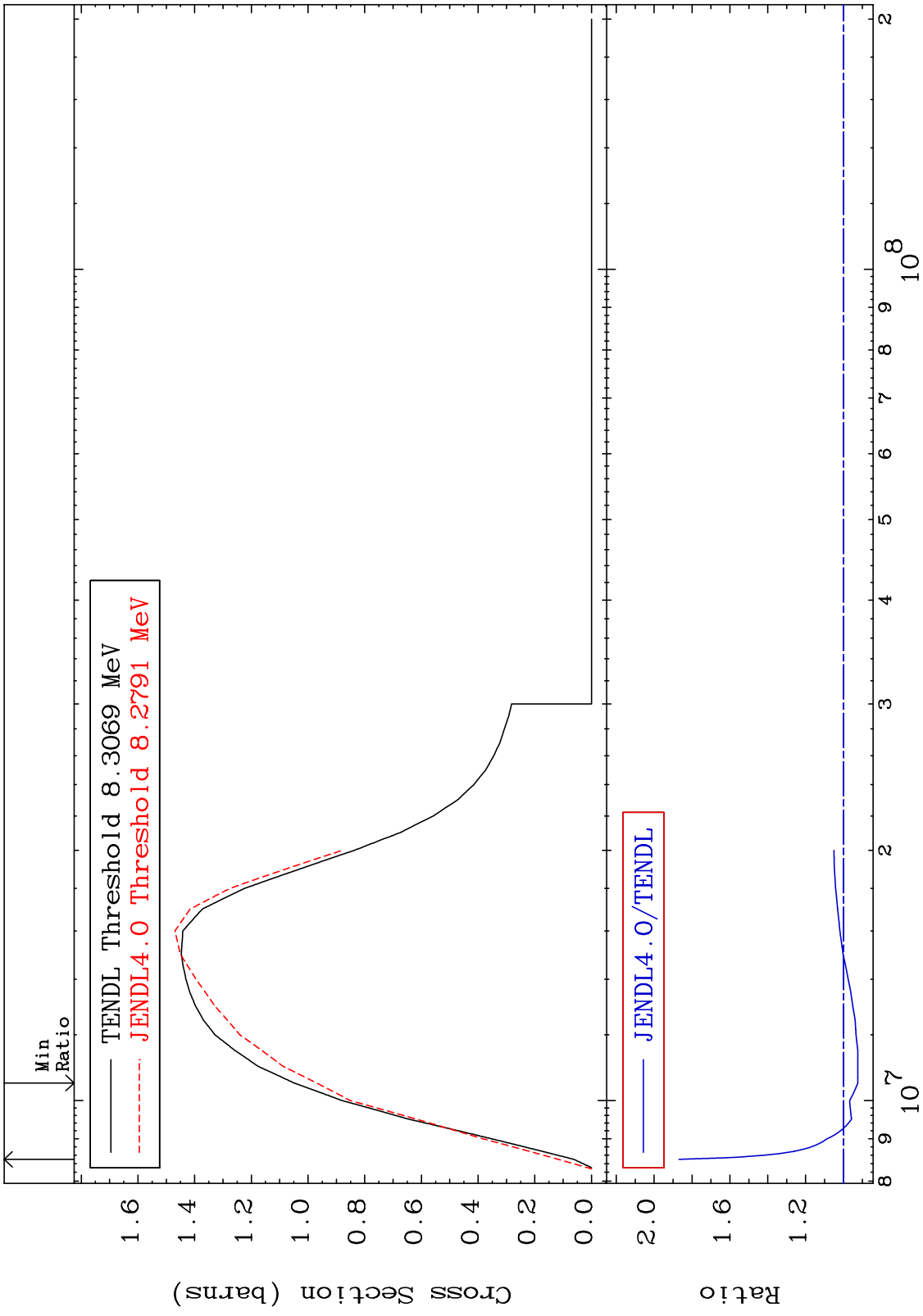
2

Incident Energy (eV)

40-Zr-94



MAT 4037 (n,2n) Cross Section 40-Zr-94 -7.568 To 86.85 %



4 Incident Energy (eV) 40-Zr-94

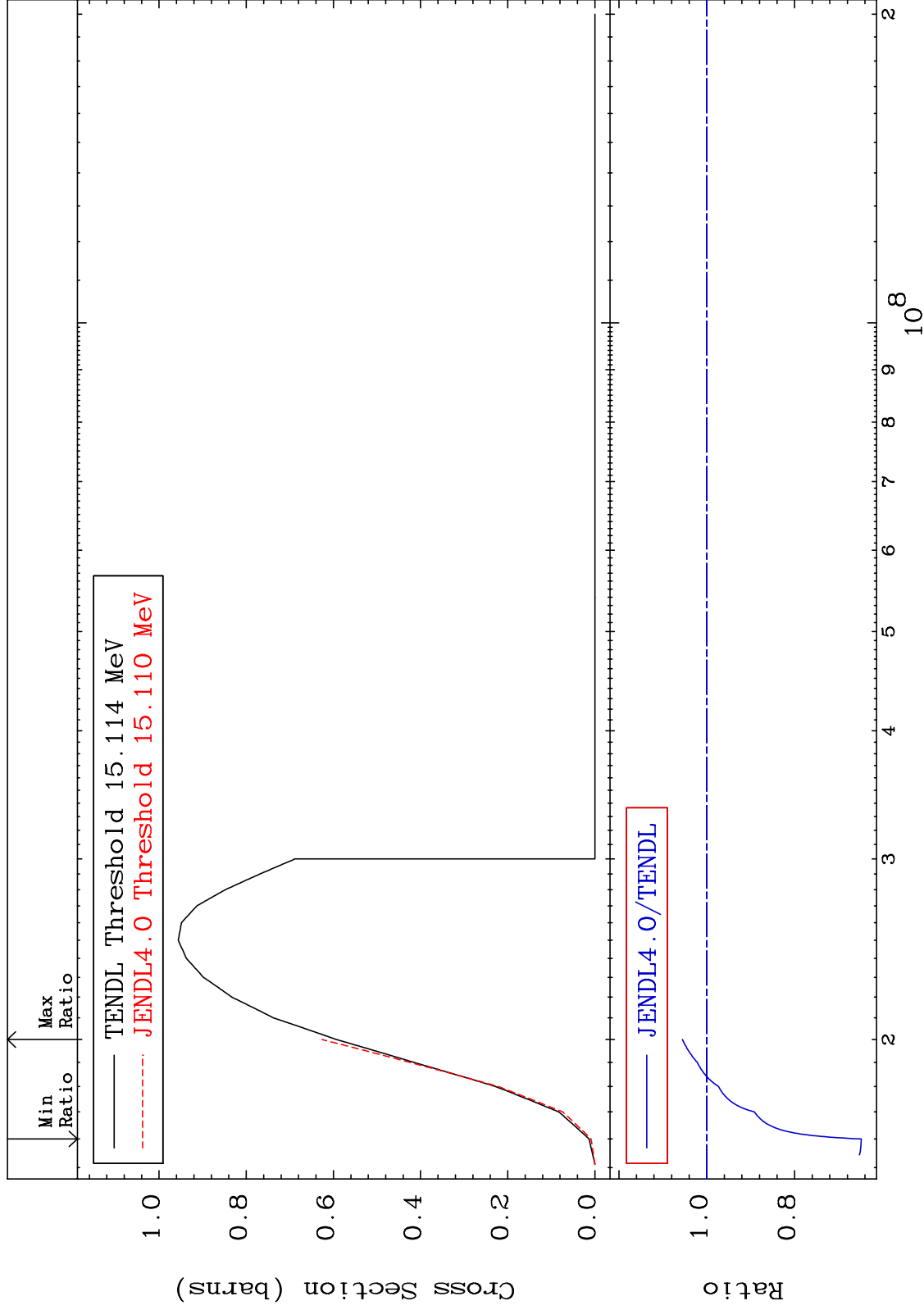
MAT 4037

(n,3n)

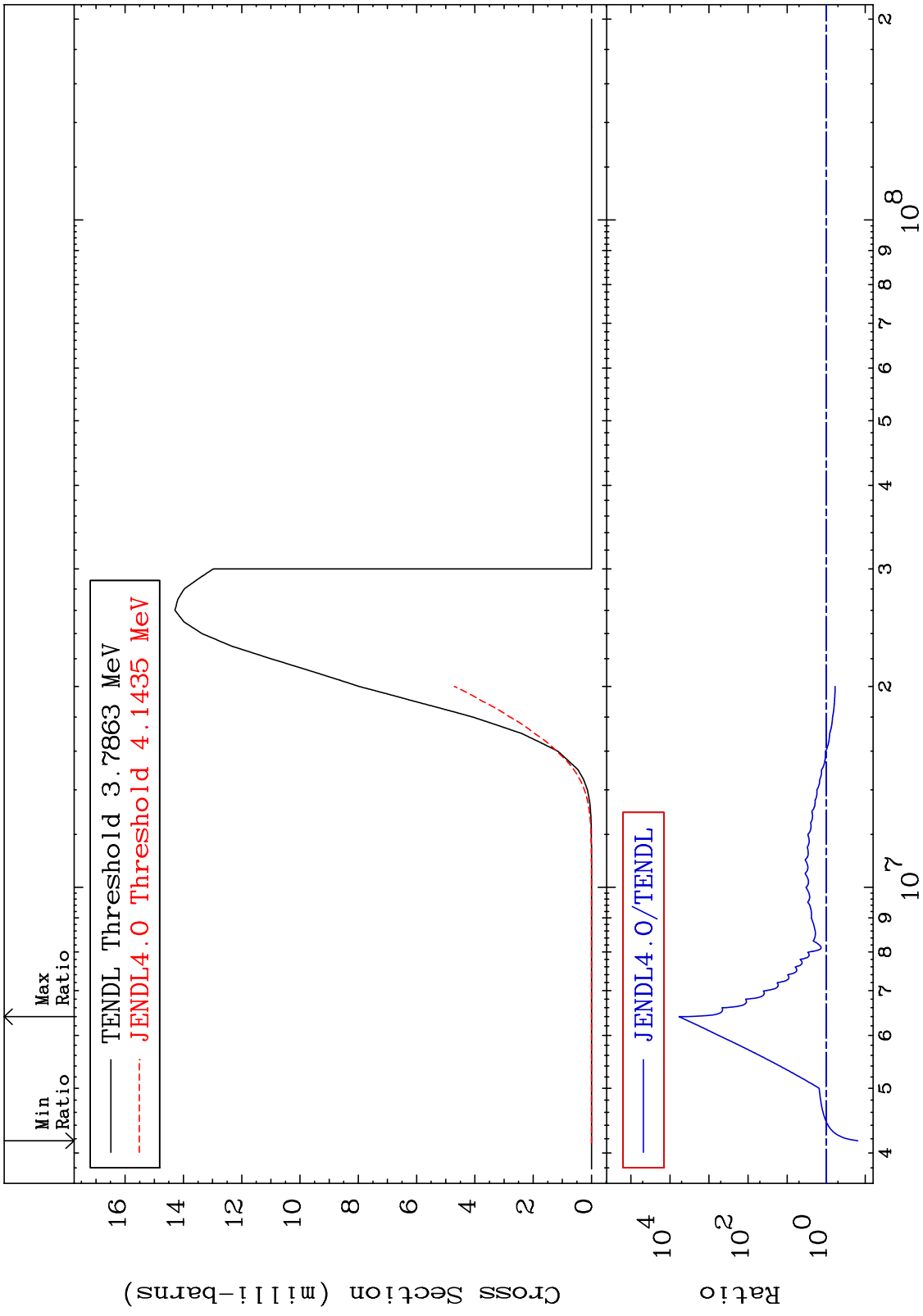
40-Zr-94

Cross Section

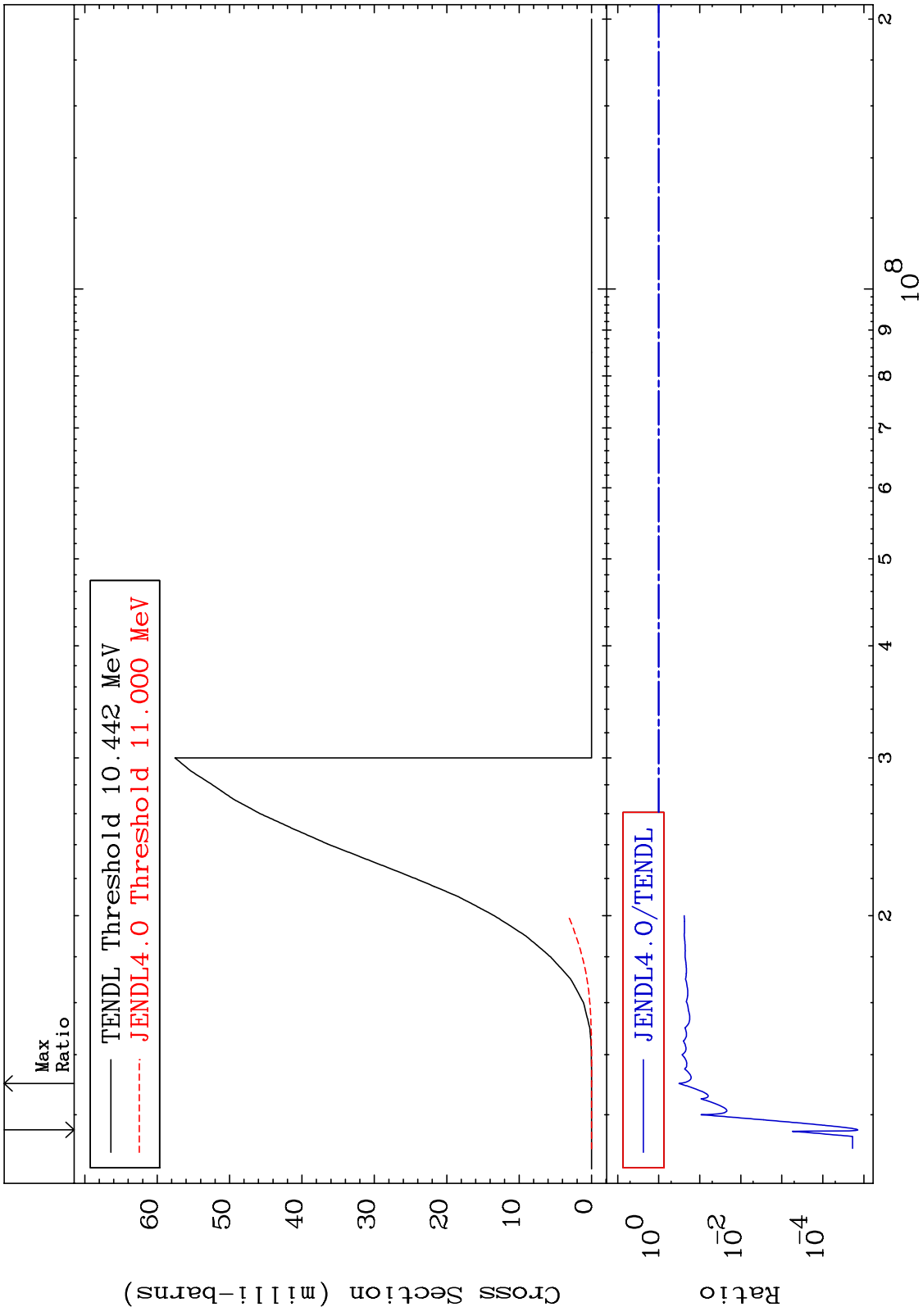
-35.16 To 5.536 %



MAT 4037 $(n, n') \alpha$ 40-Zr-94
 Cross Section -84.53 To 9999. %

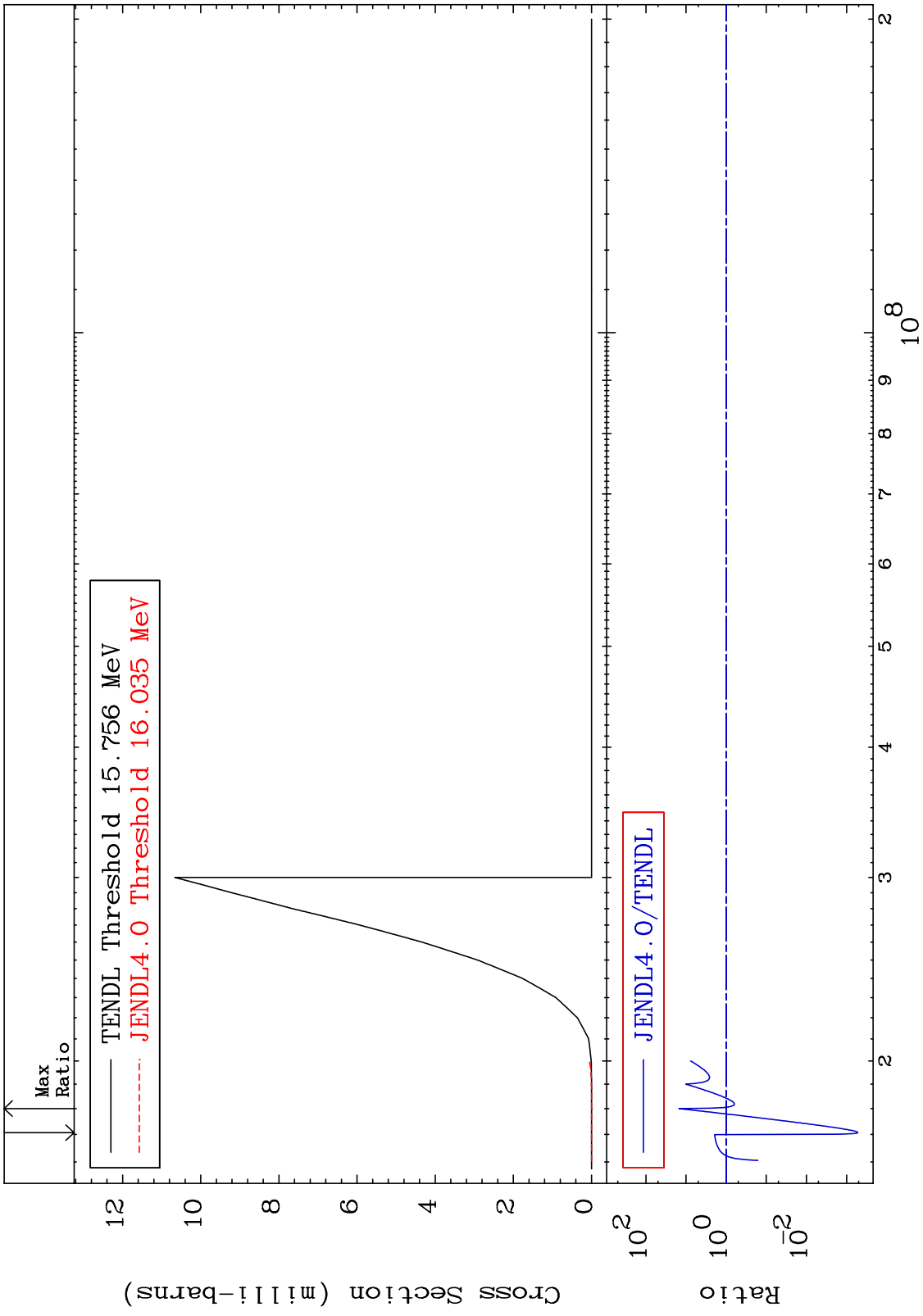


MAT 4037 (n,n') p 40-Zr-94
 Cross Section -100.0 To -68.00%

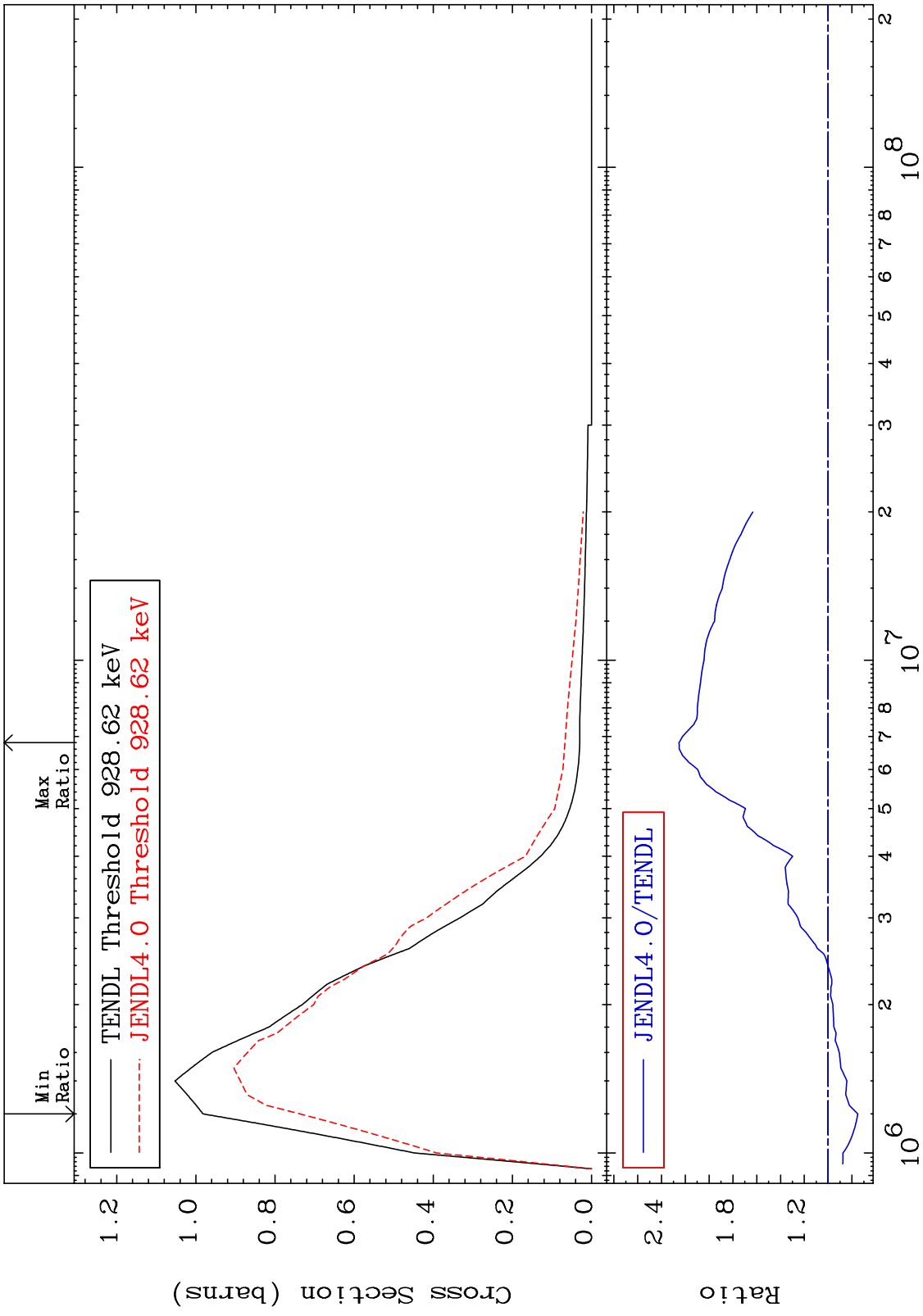


7 Incident Energy (eV) 40-Zr-94

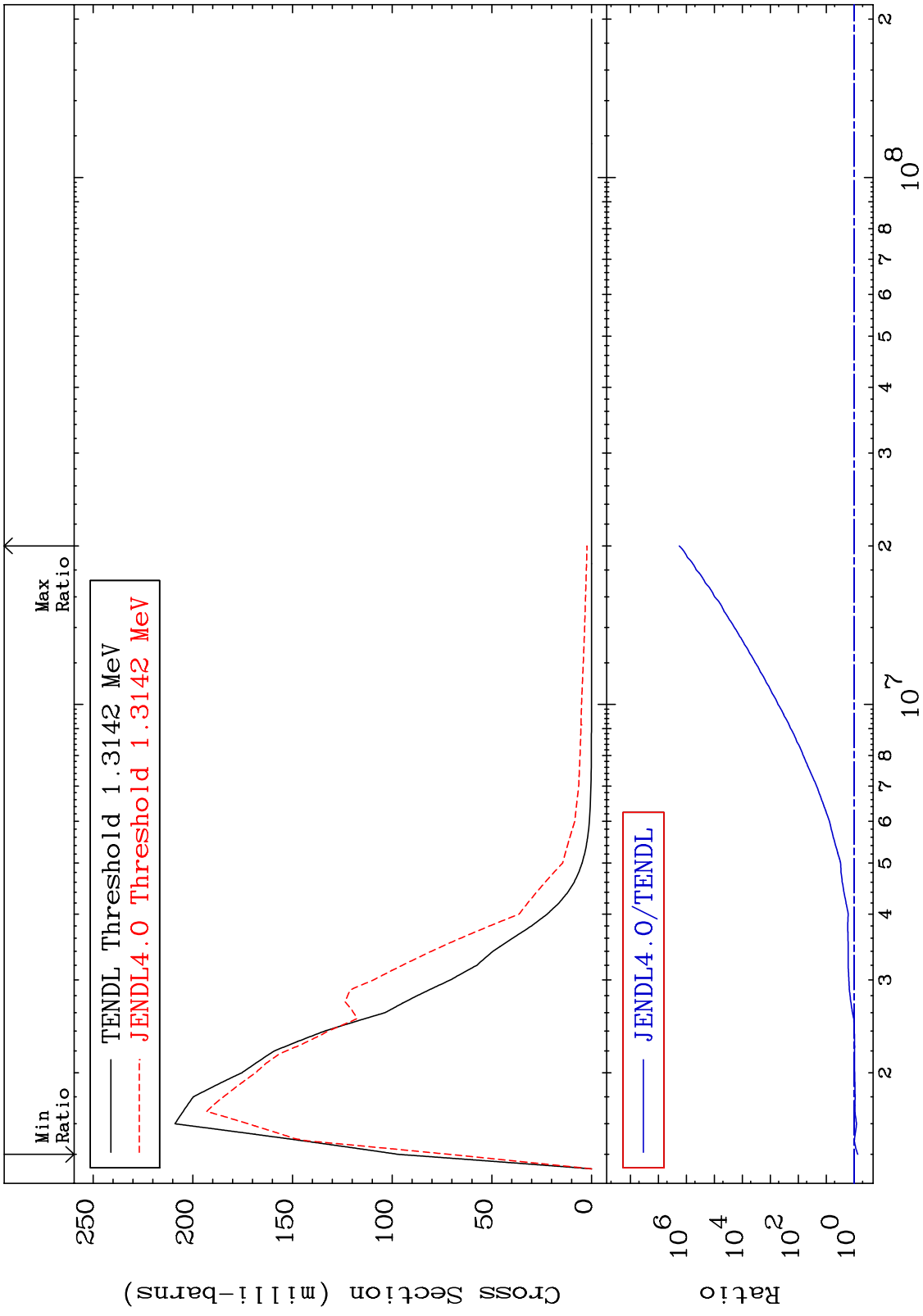
MAT 4037 (n,n') d 40-Zr-94
 Cross Section -99.95 To 1392. %



MAT 4037 MT= 51 (n,n') Level Cross Section 40-Zr-94
 -24.95 To 125.3 %

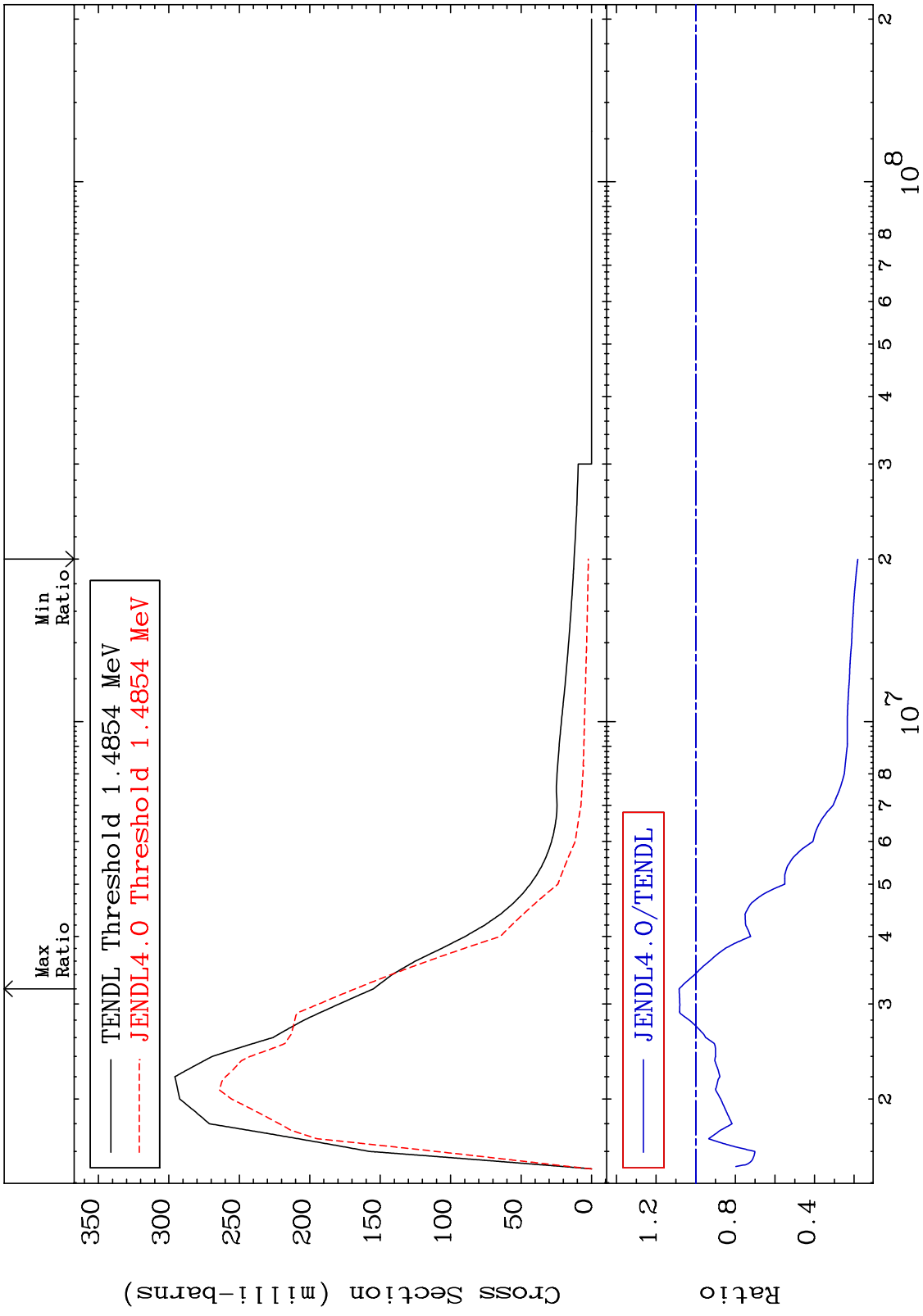


MAT 4037 MT= 52 (n,n') Level Cross Section -26.18 To 9999. % 40-Zr-94

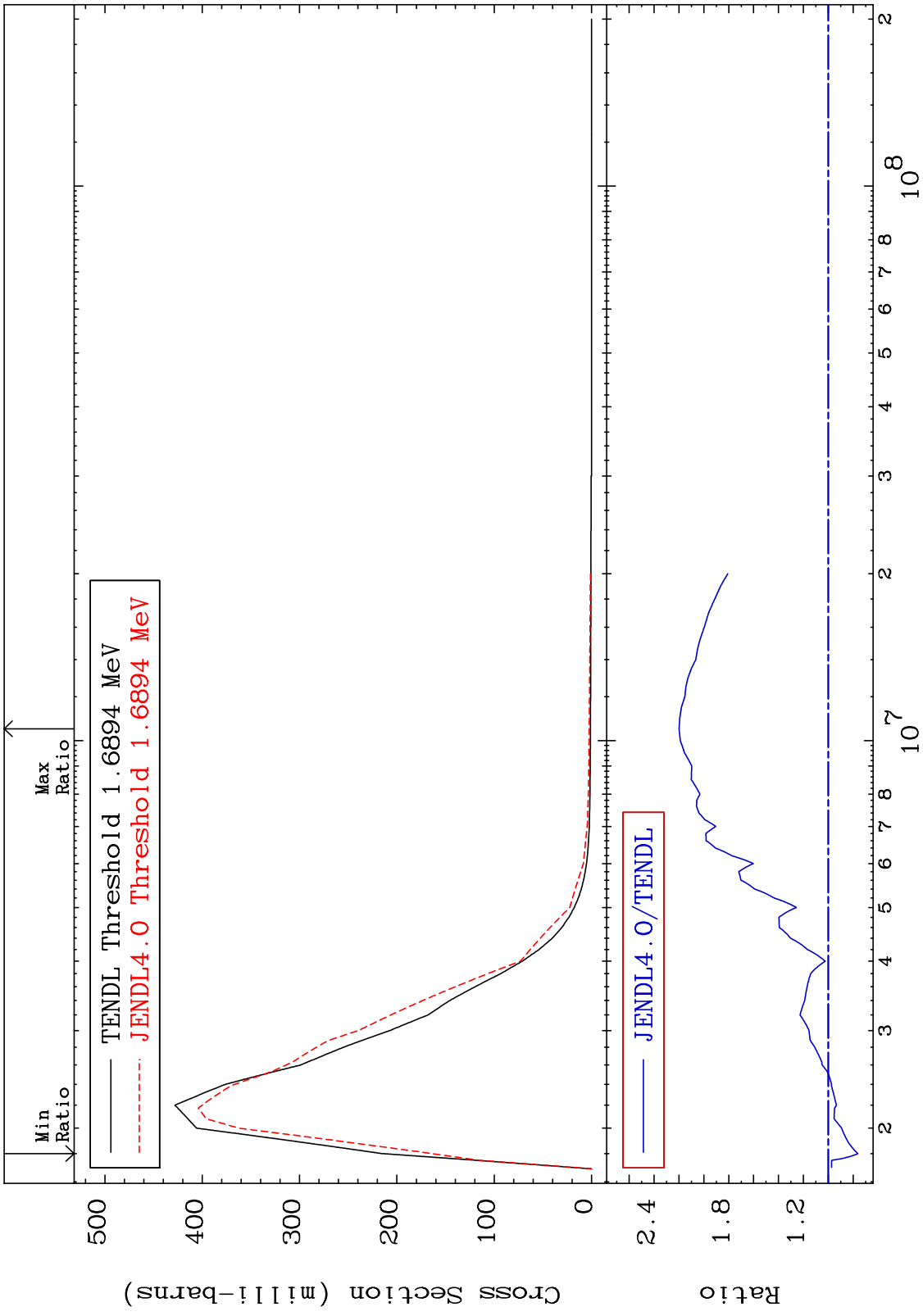


10 40-Zr-94

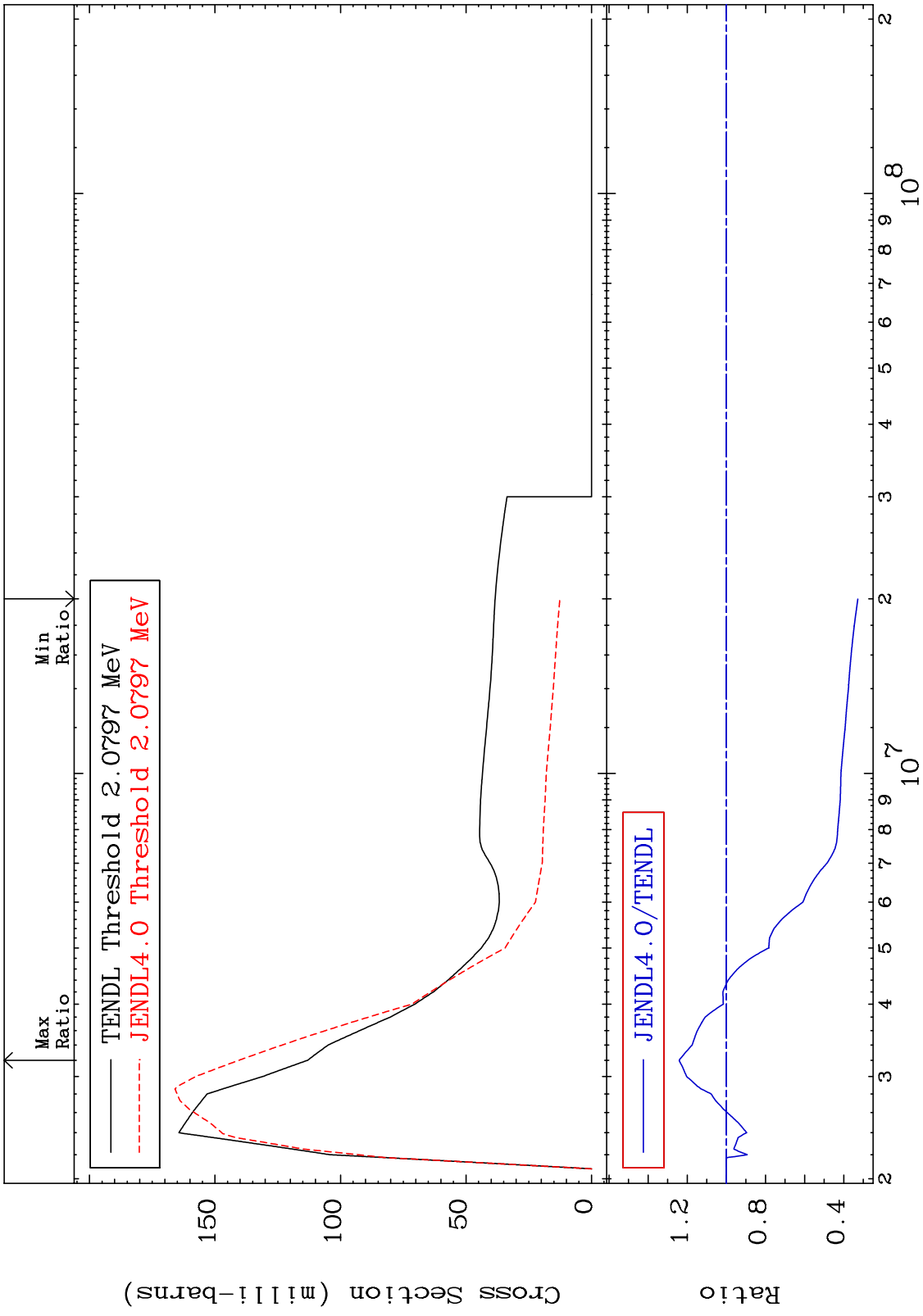
MAT 4037 MT= 53 (n,n') Level Cross Section 40-Zr-94 -81.86 To 8.424 %



MAT 4037 MT= 54 (n,n') Level Cross Section 40-Zr-94
 -23.65 To 119.9 %



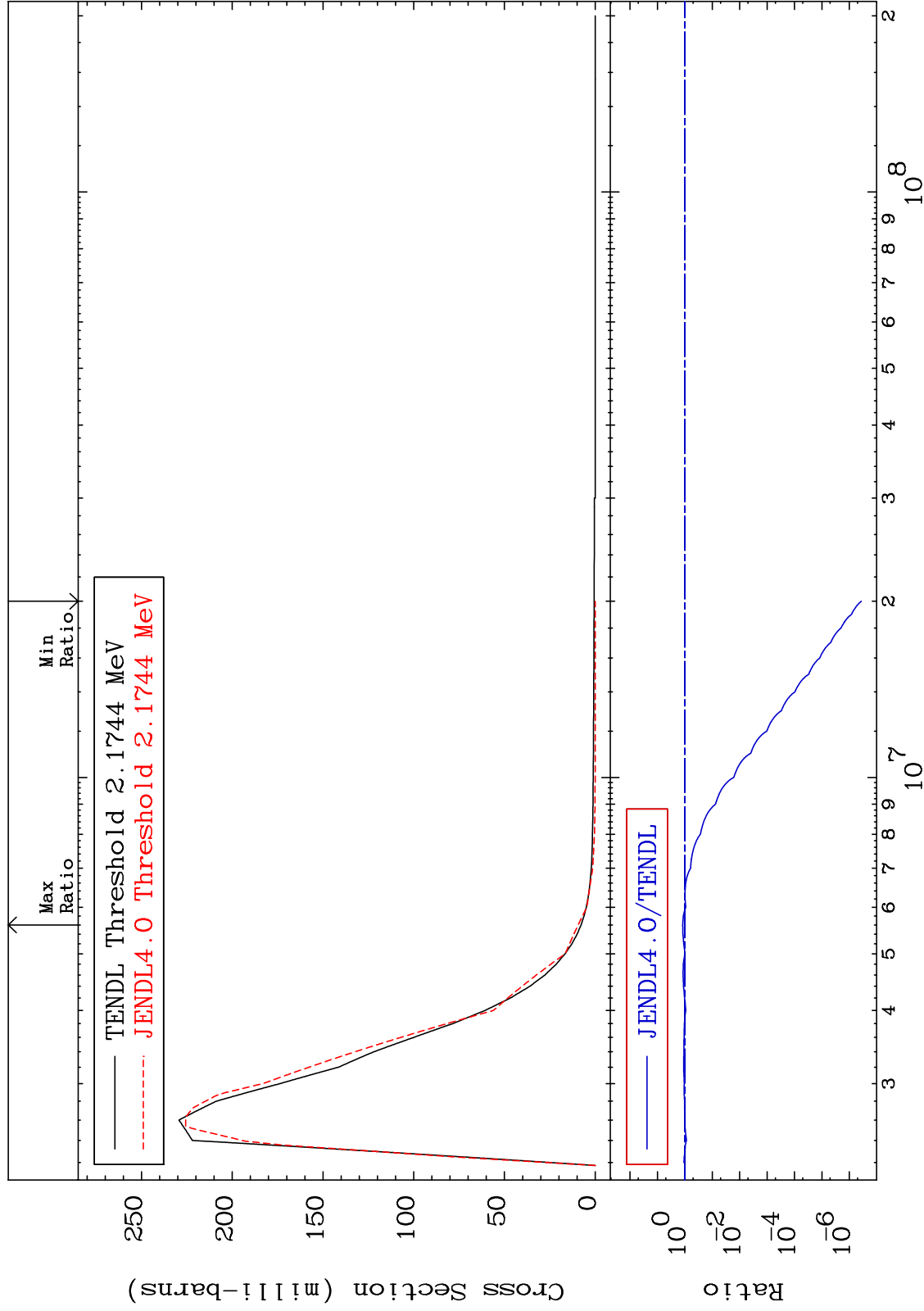
MAT 4037 MT= 55 (n,n') Level Cross Section -67.19 To 24.21 % 40-Zr-94



MAT 4037

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

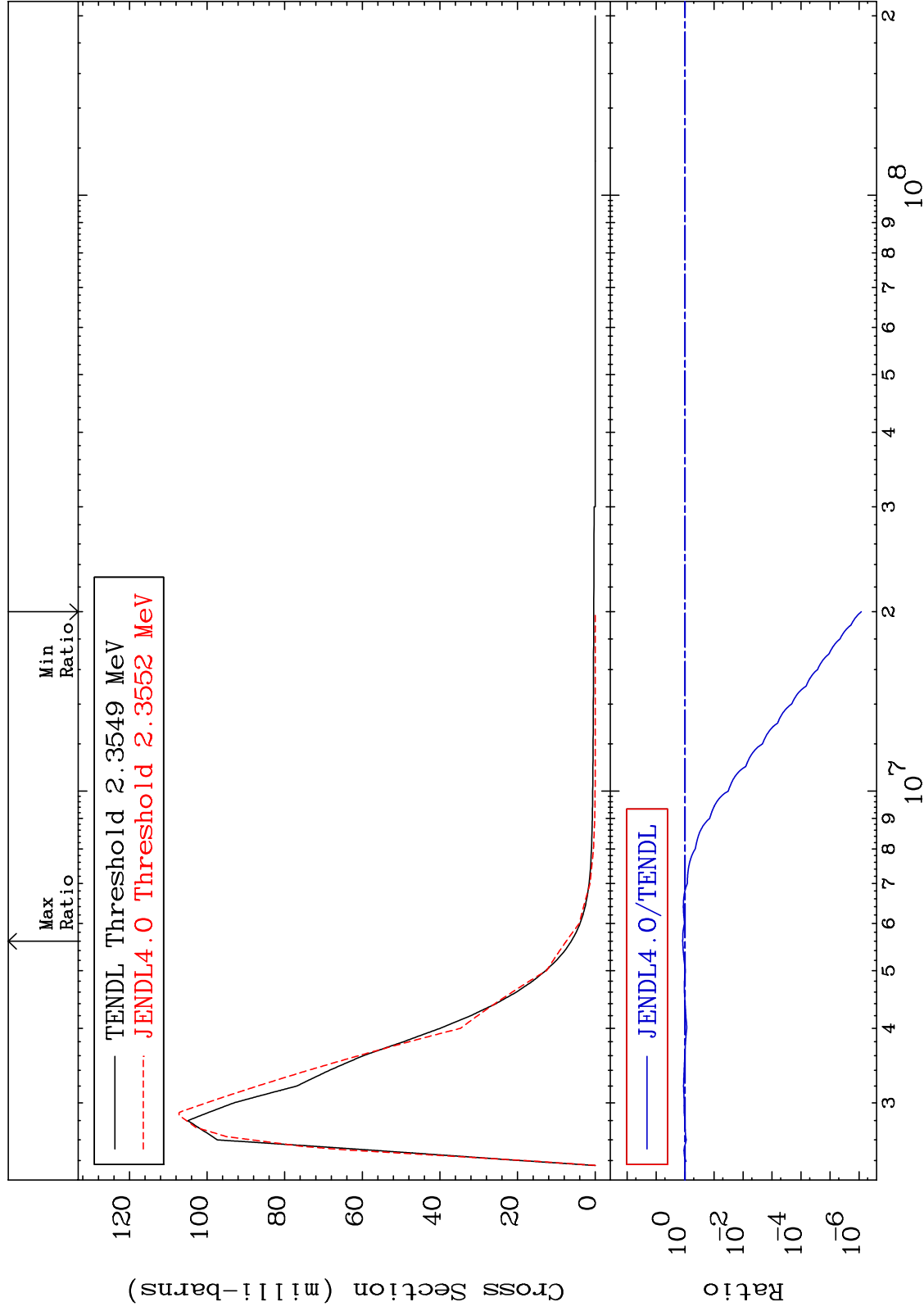
40-Zr-94
-100.0 To 20.33 %



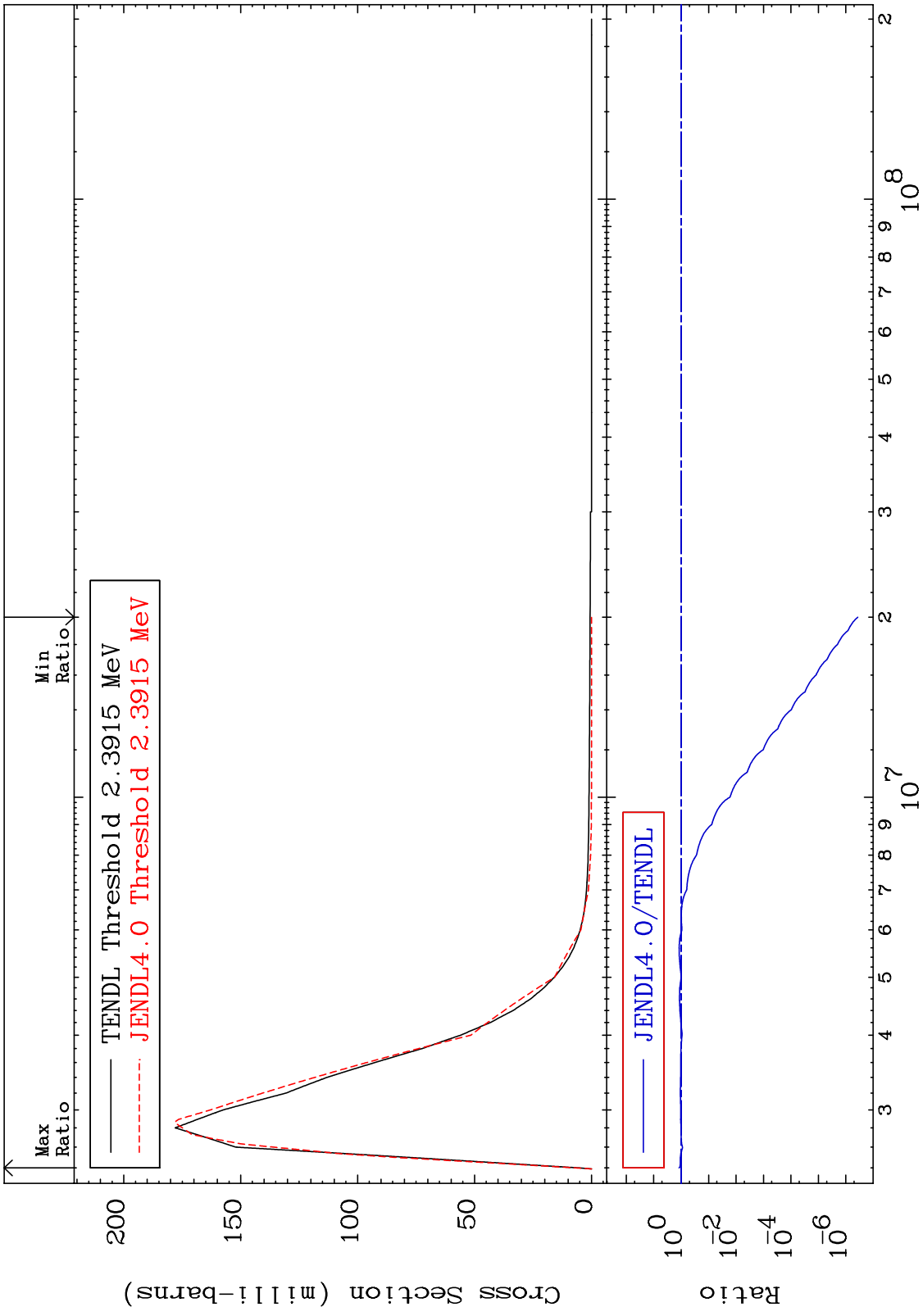
MAT 4037

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

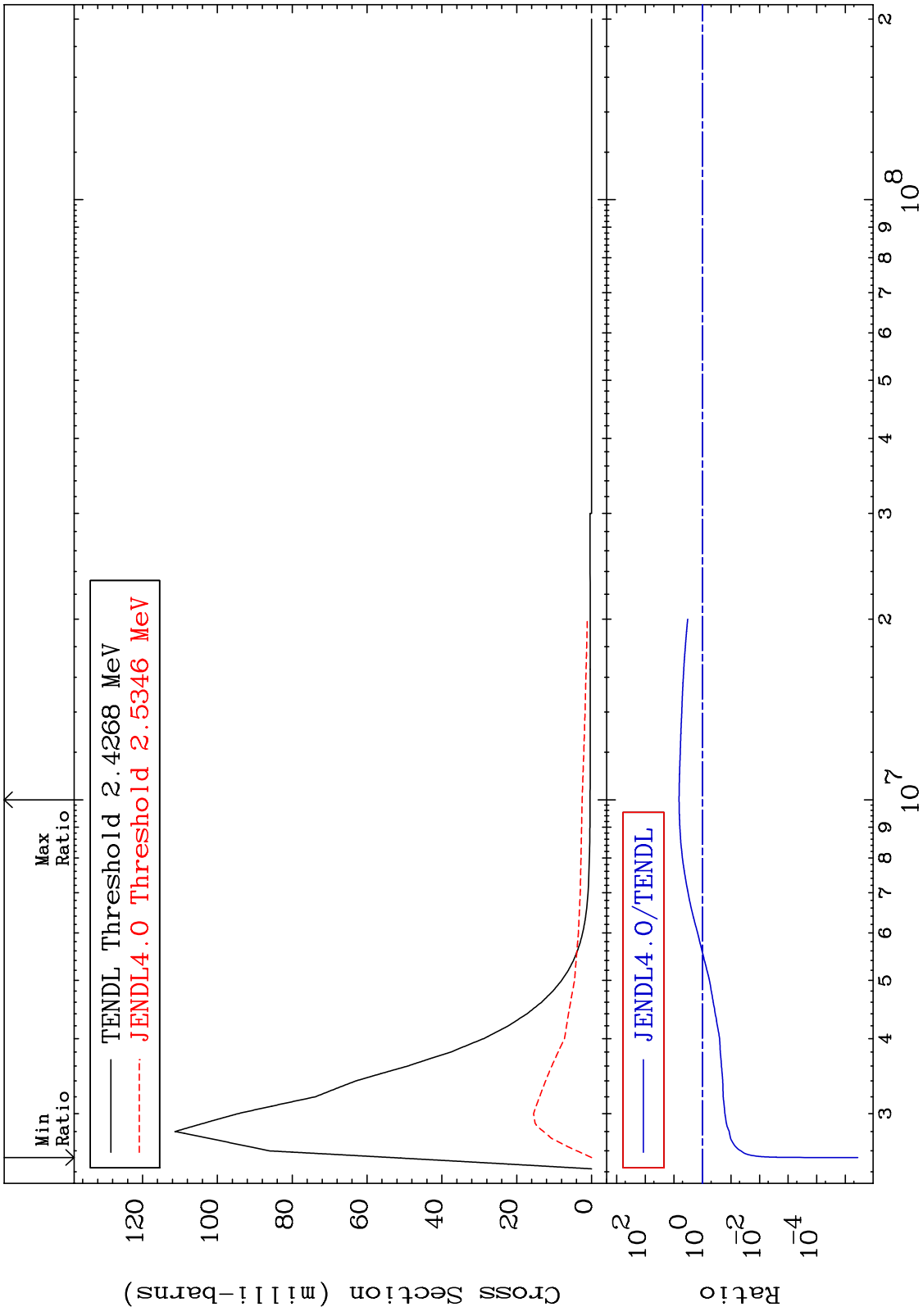
40-Zr-94
-100.0 To 21.24 %



MAT 4037 MT= 58 (n,n') Level Cross Section 40-Zr-94
 -100.0 To 19.44 %



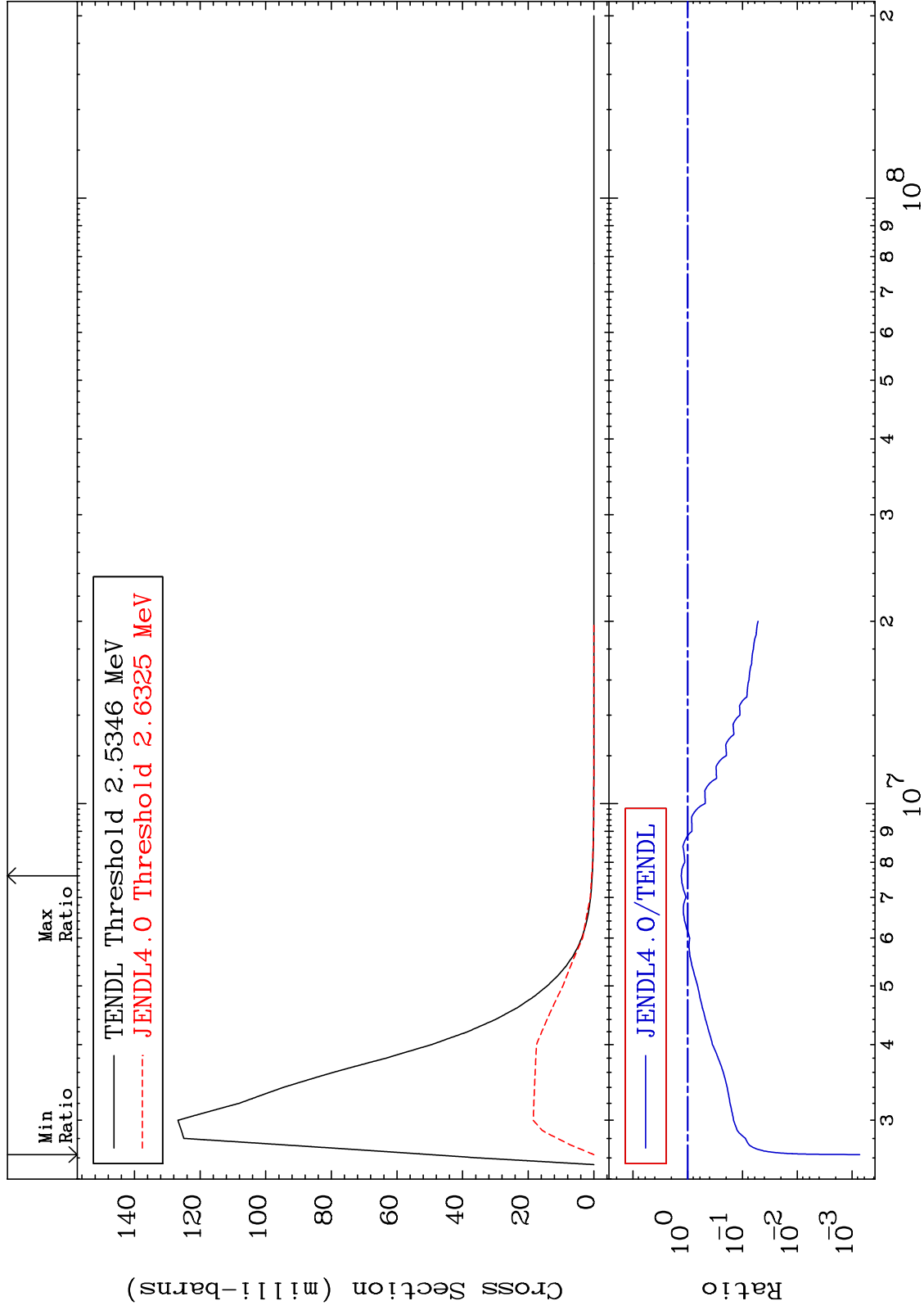
MAT 4037 MT= 59 (n,n') Level Cross Section -100.0 To 557.6 % 40-Zr-94



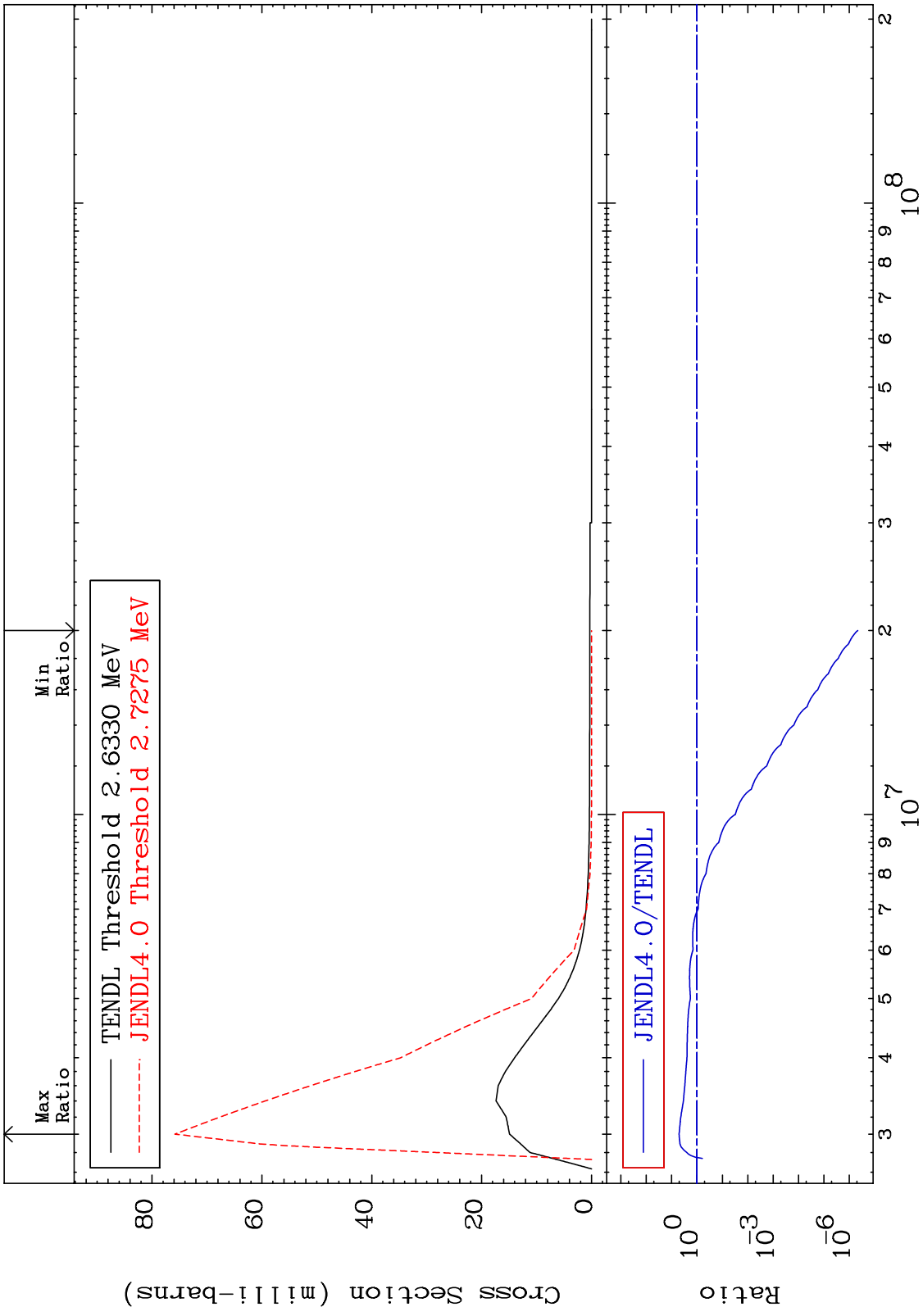
MAT 4037

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

40-Zr-94
-99.93 To 31.57 %



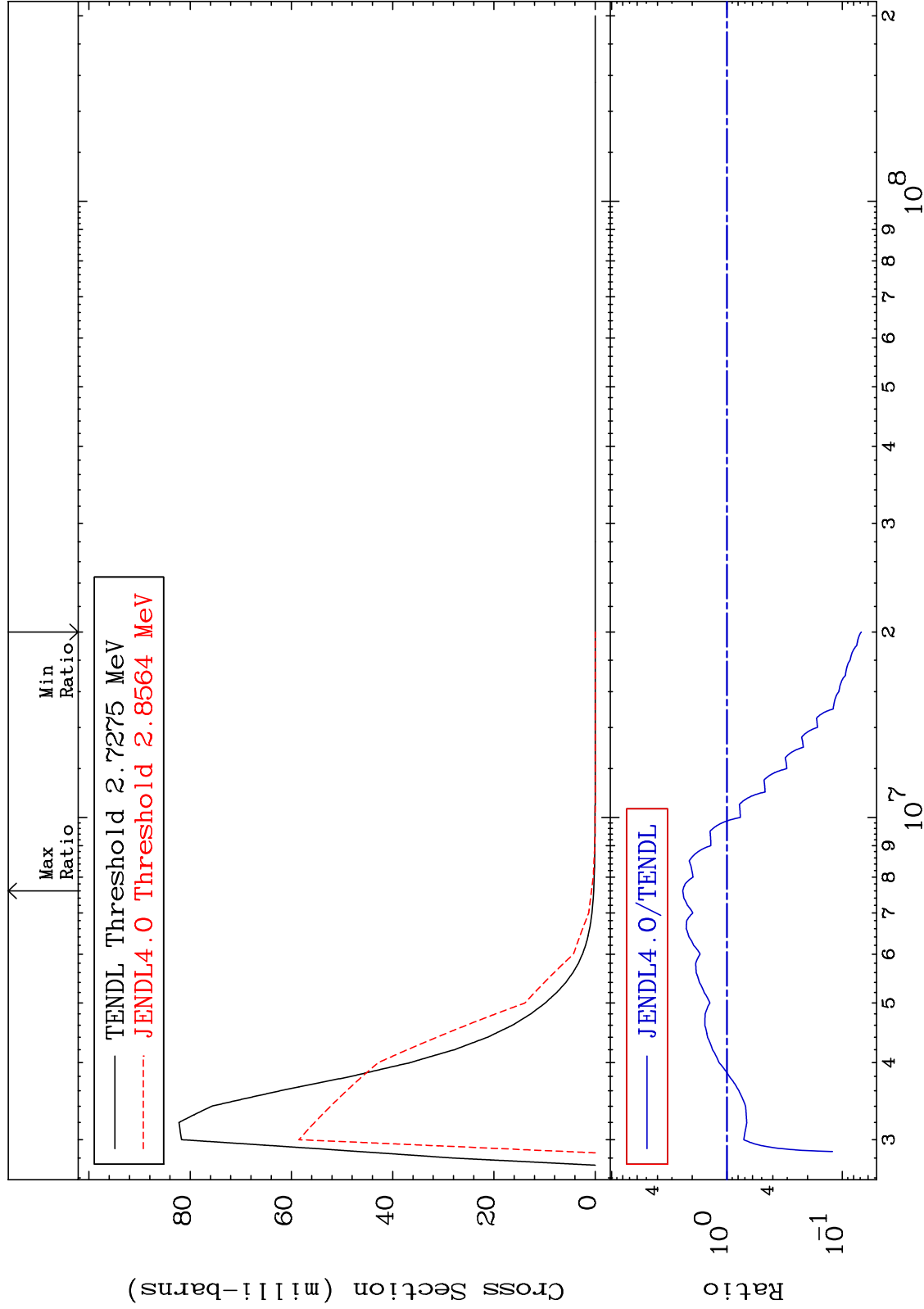
MAT 4037 MT= 61 (n,n') Level Cross Section -100.0 To 408.2 % 40-Zr-94



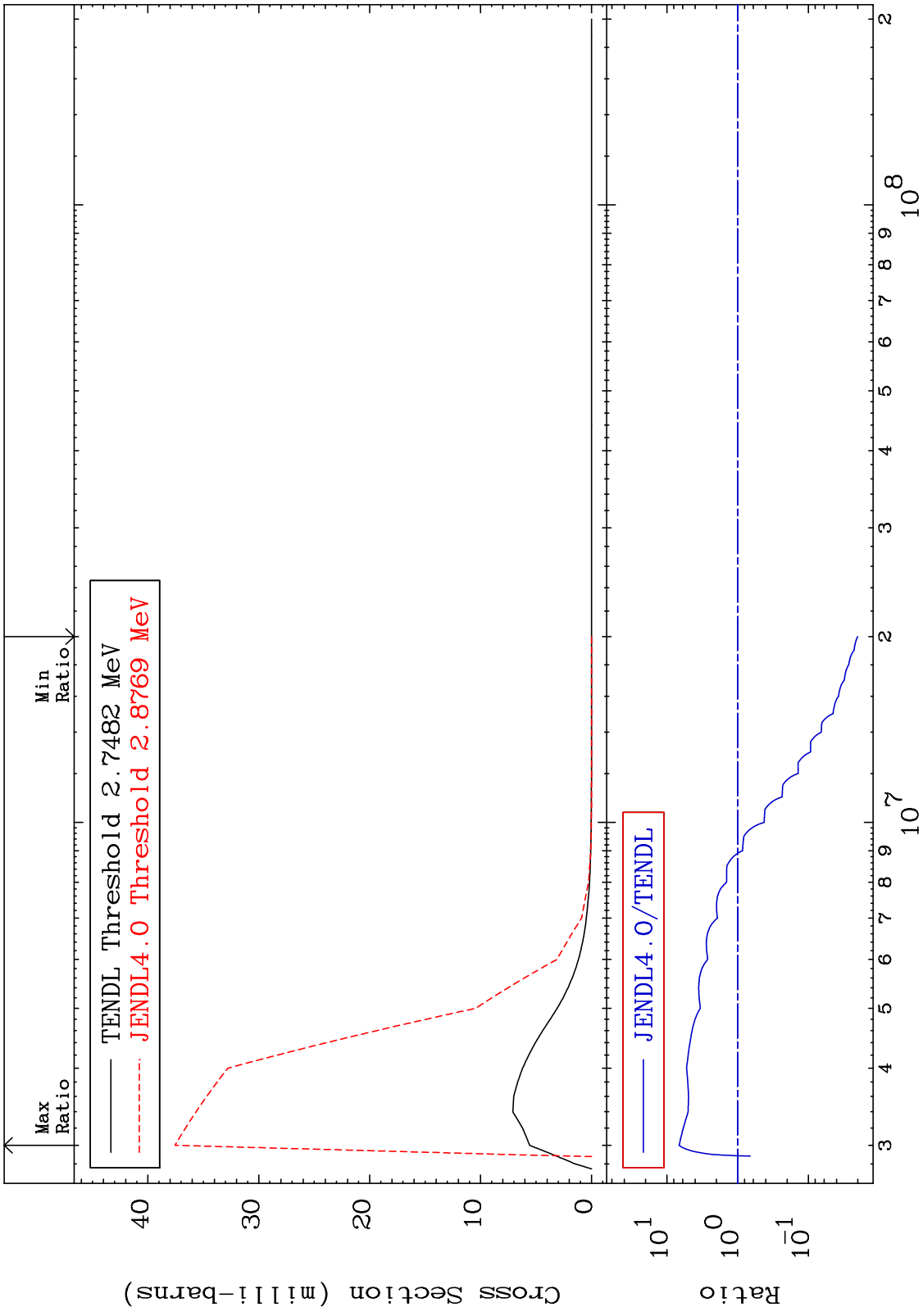
MAT 4037

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

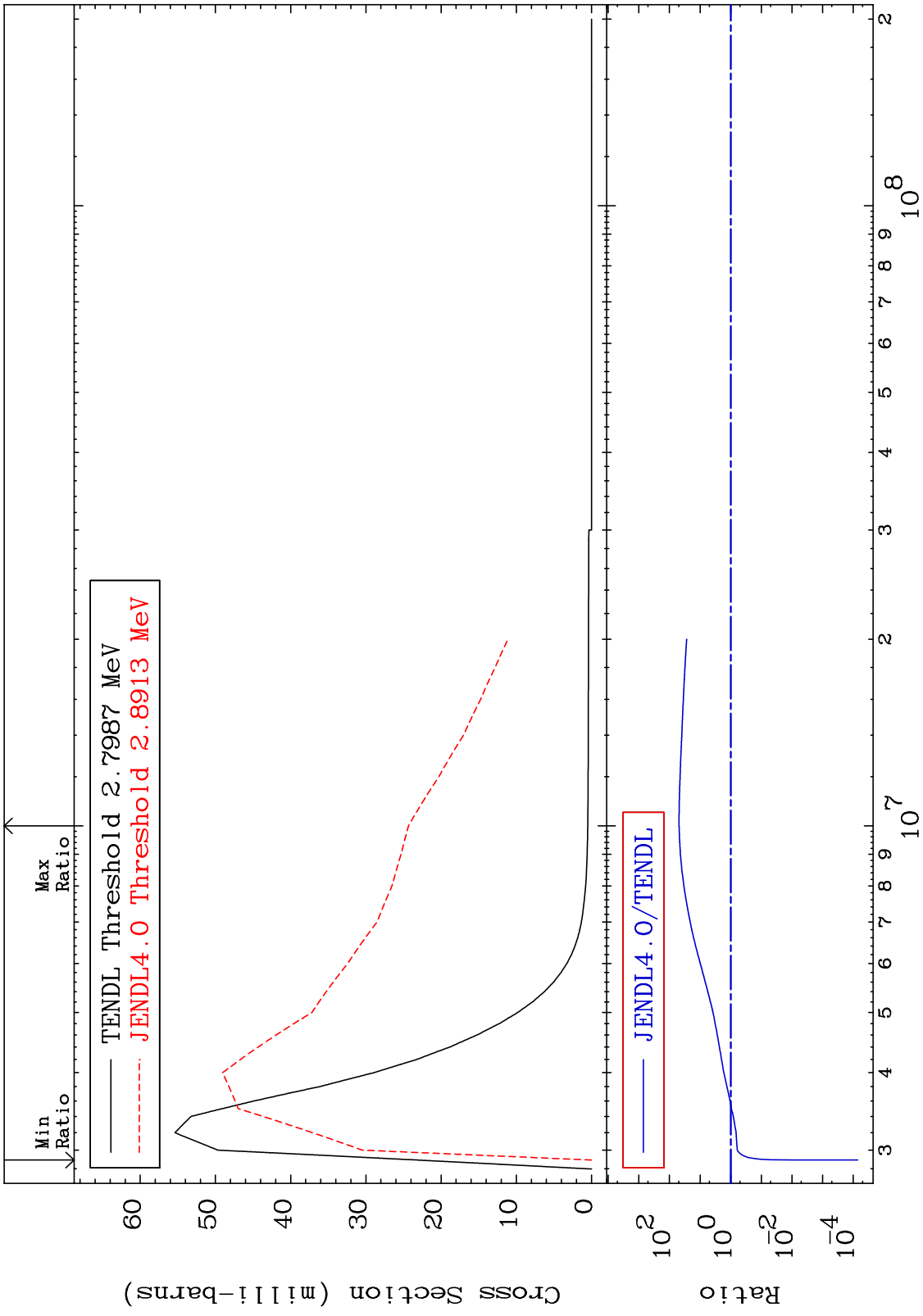
40-Zr-94
-93.15 To 142.0 %



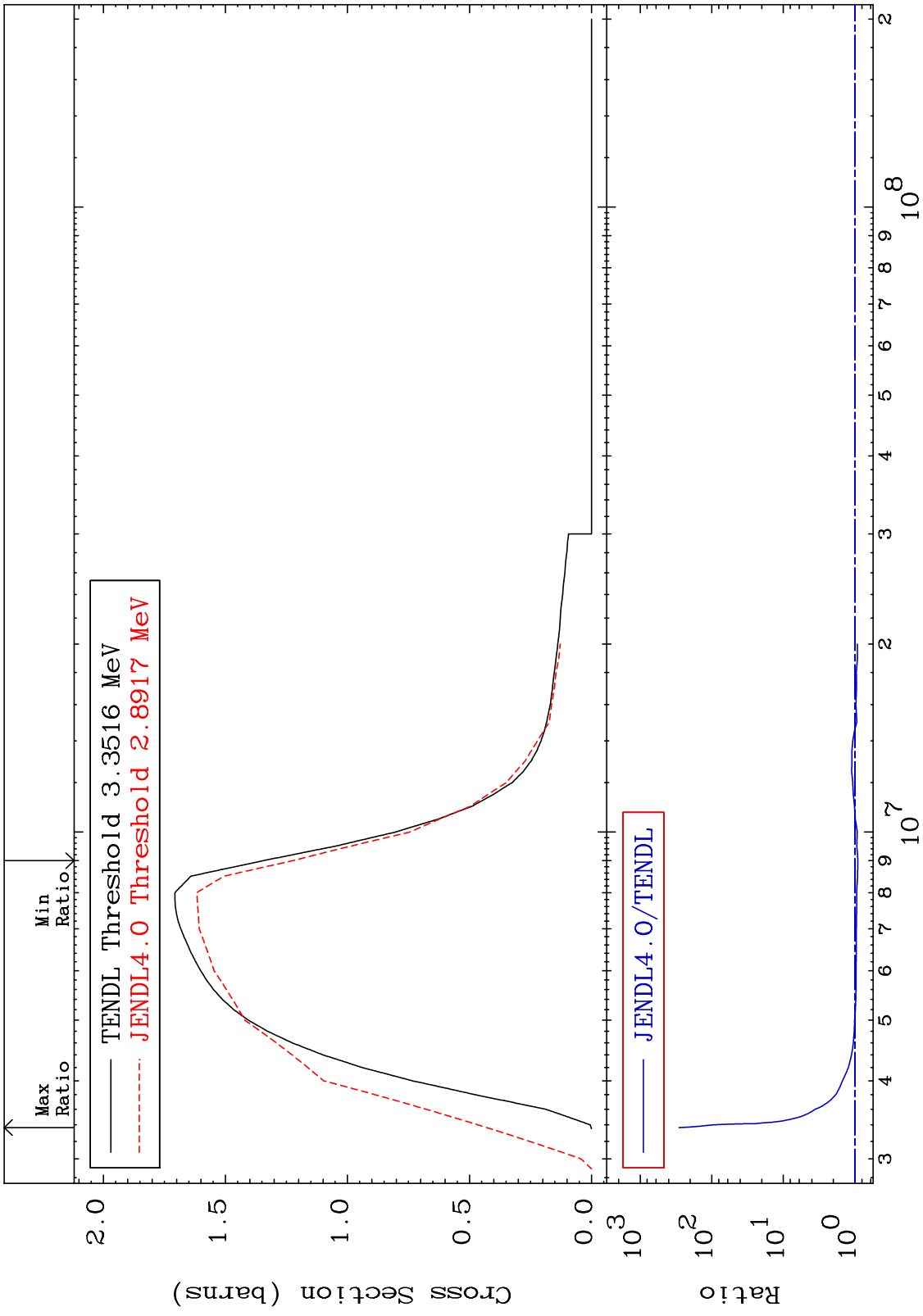
MAT 4037 MT= 63 (n,n') Level Cross Section -98.00 To 573.8 % 40-Zr-94



MAT 4037 MT= 64 (n,n') Level Cross Section 40-Zr-94
 -99.99 To 4766. %



MAT 4037 (n,n') Continuum Cross Section 40-Zr-94 -8.975 To 9999. %



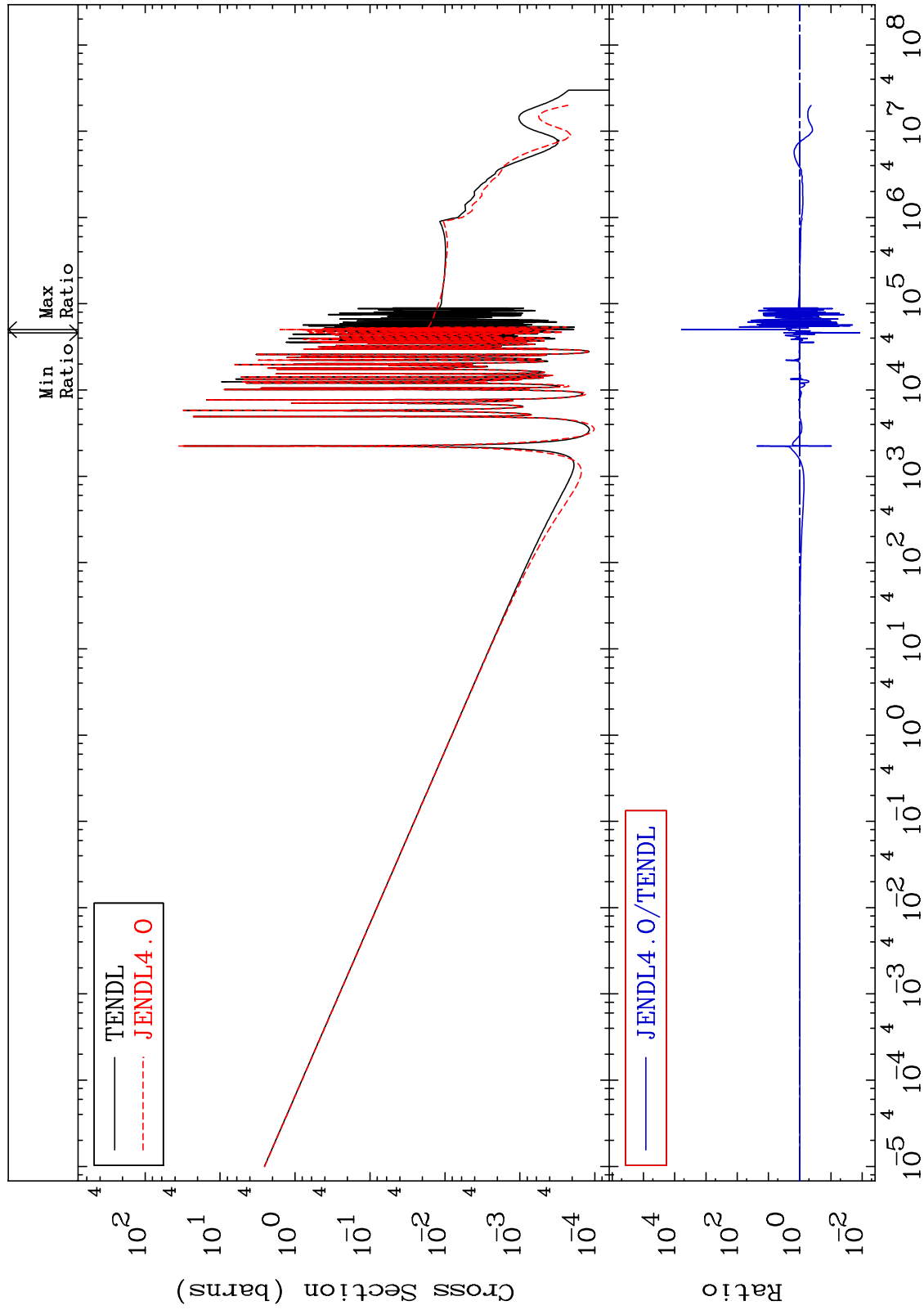
MAT 4037

(n, γ)

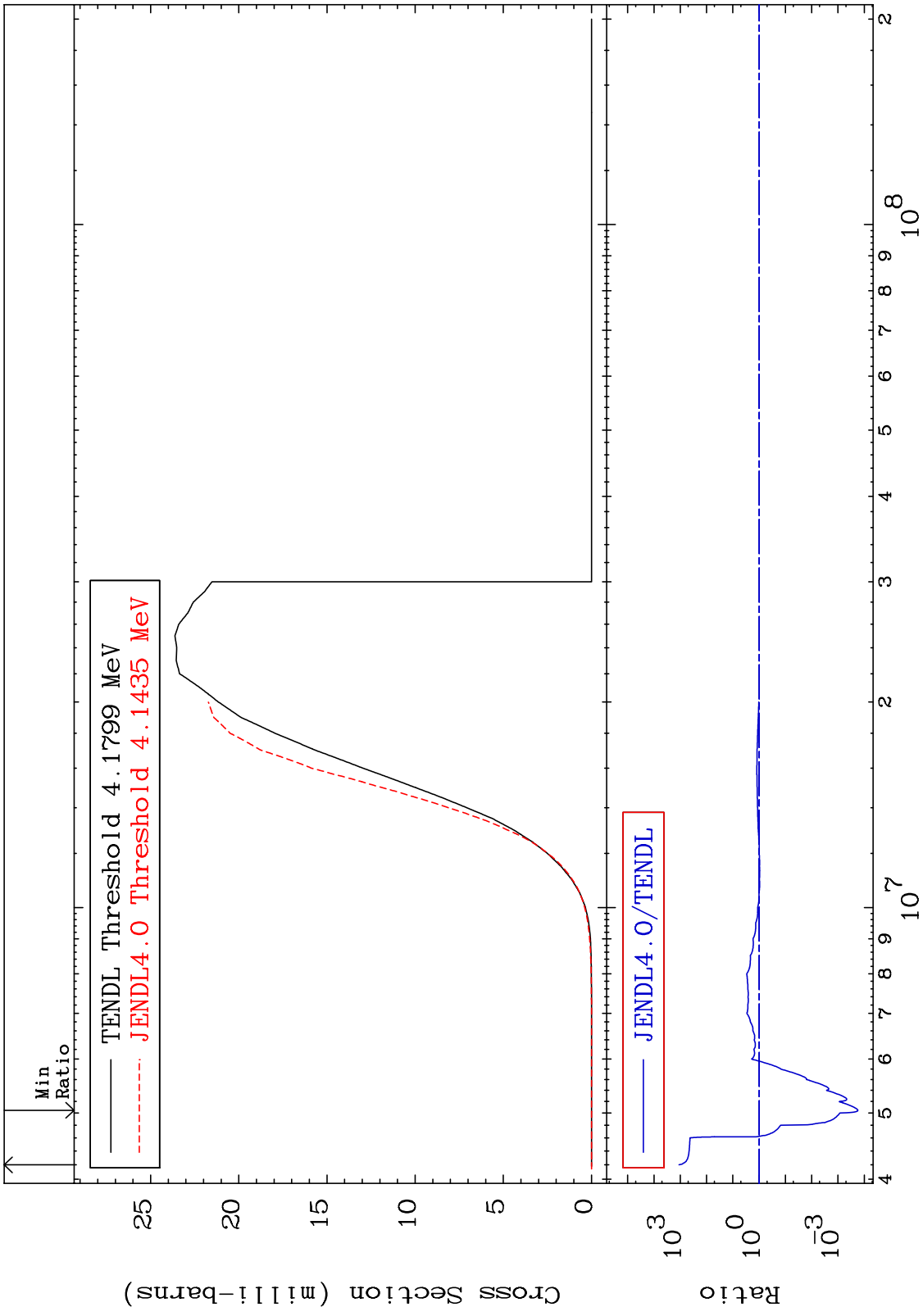
40-Zr-94

Cross Section

-98.82 To 9999. %

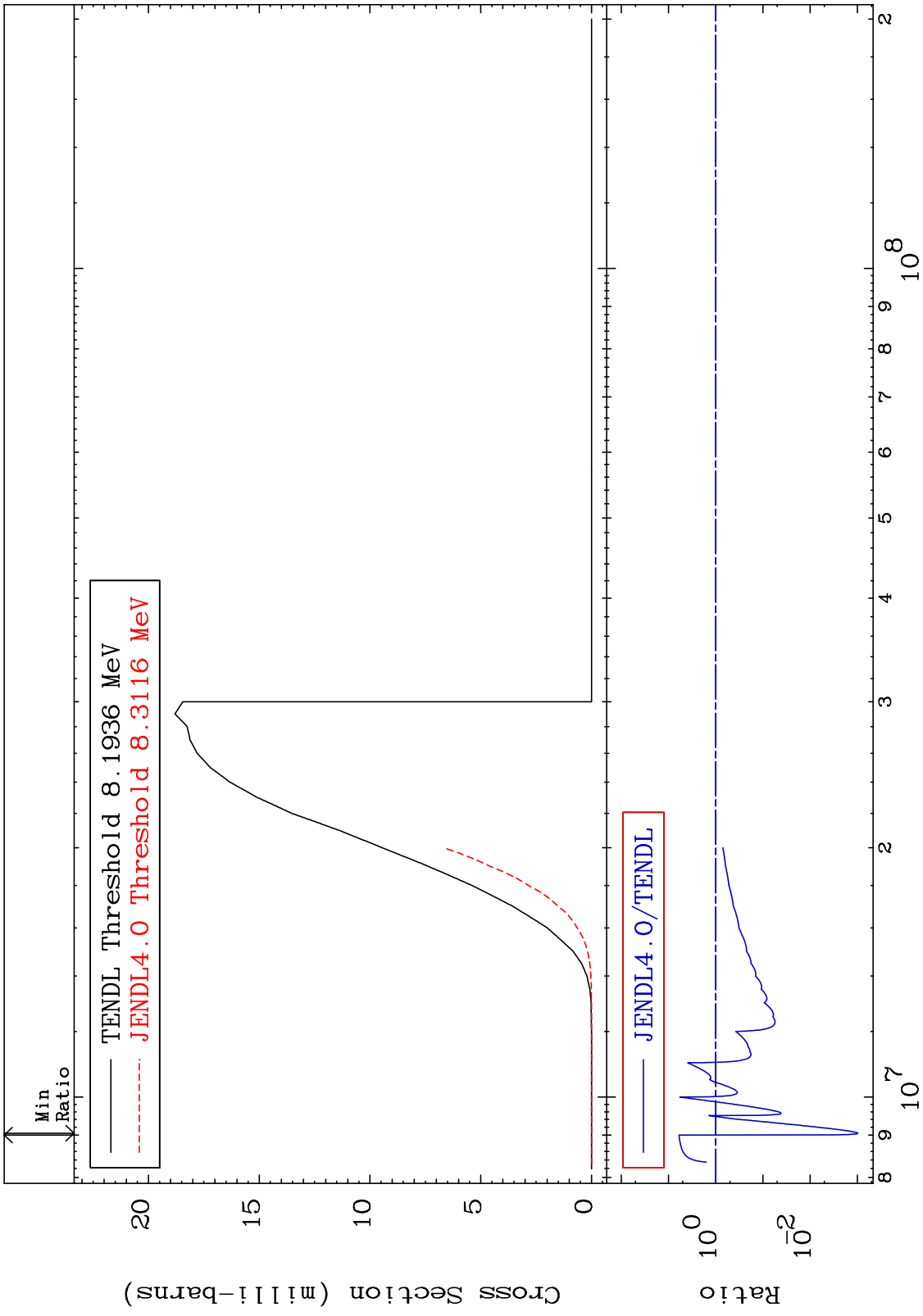


MAT 4037 (n,p) Cross Section 40-Zr-94 -99.98 To 9999. %

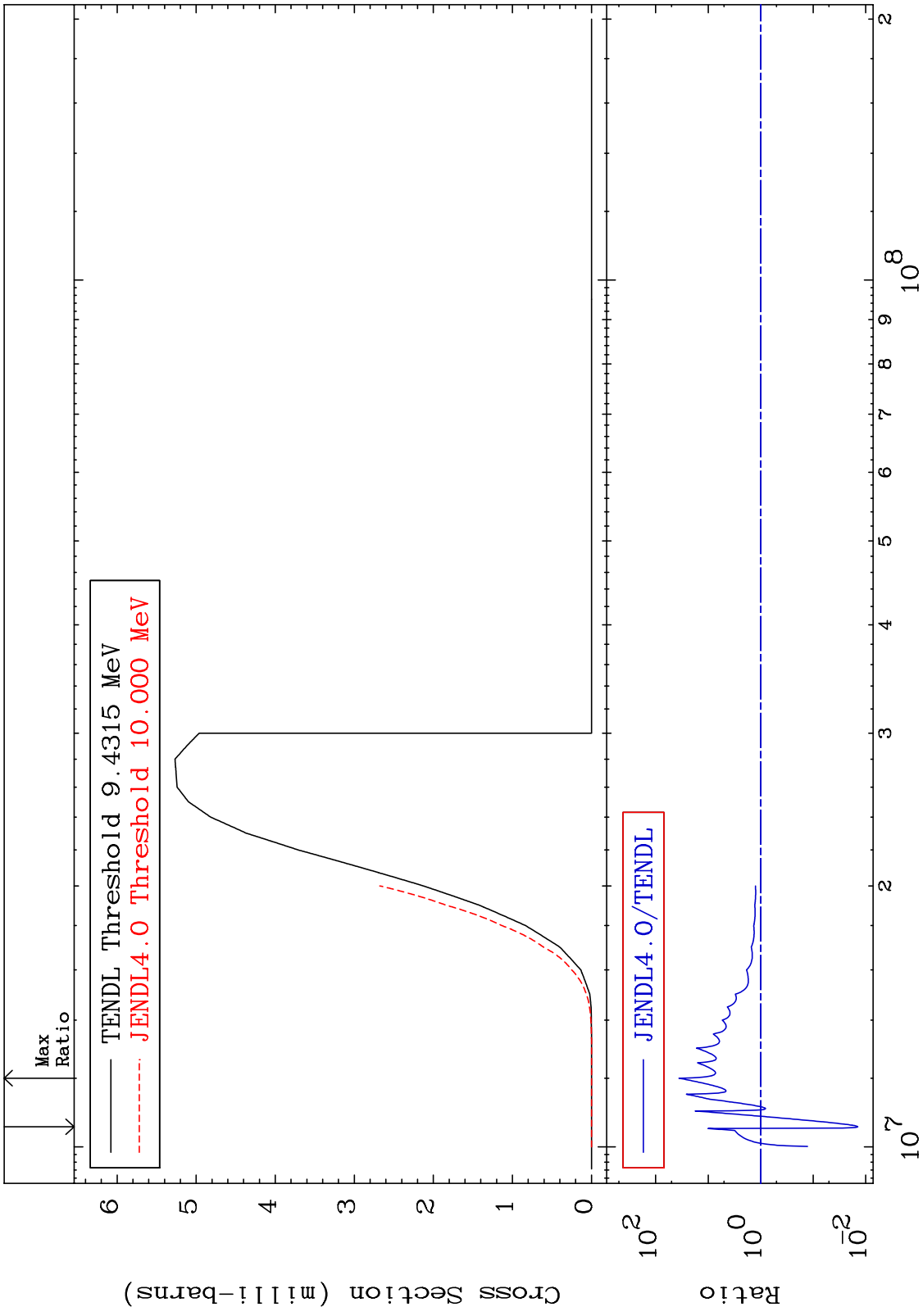


25 40-Zr-94

MAT 4037 (n,d) Cross Section 40-Zr-94 -99.90 To 499.7 %



MAT 4037 (n,t) 40-Zr-94
Cross Section -98.59 To 3489. %



27 40-Zr-94

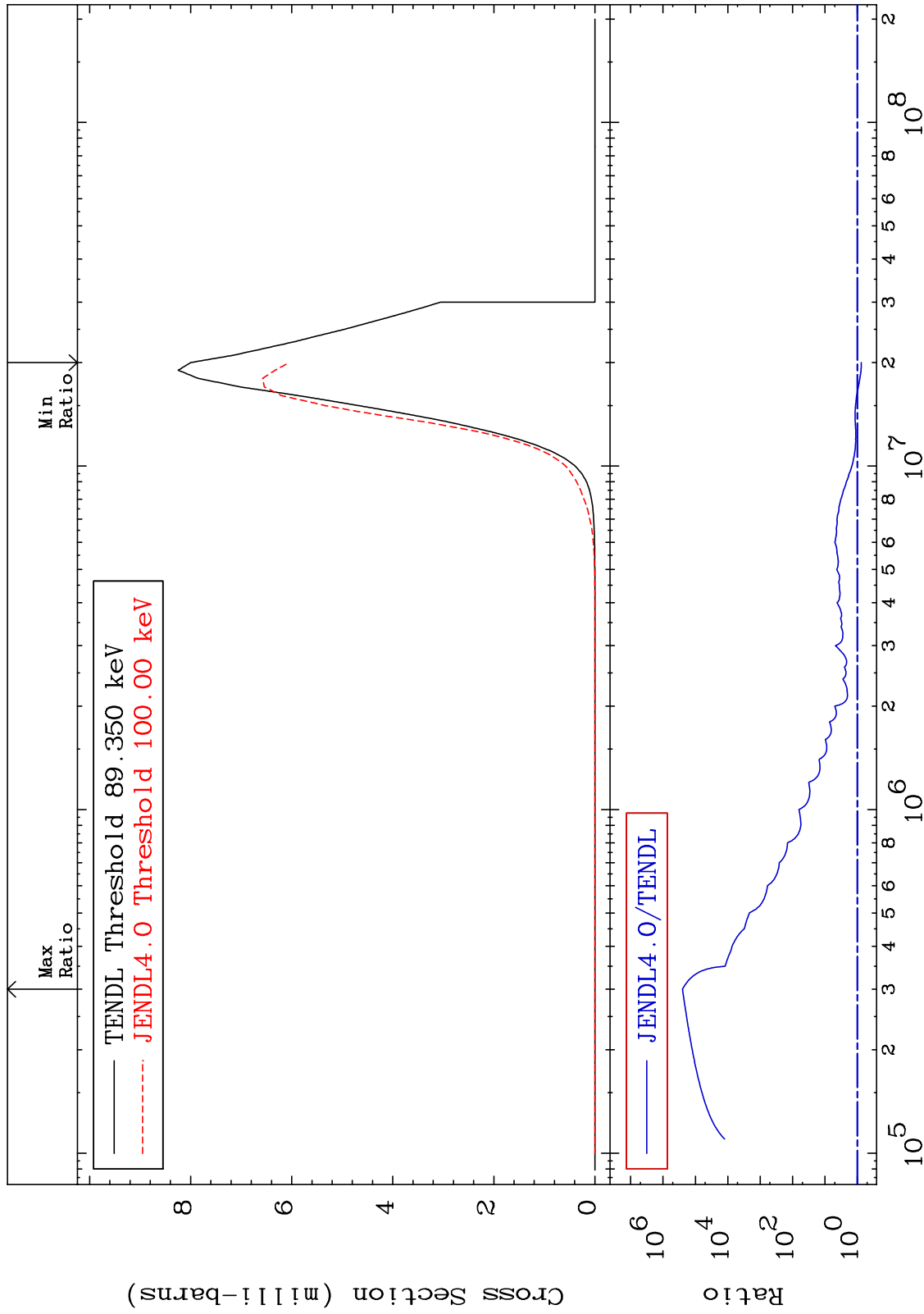
MAT 4037

(n, α)

40-Zr-94

Cross Section

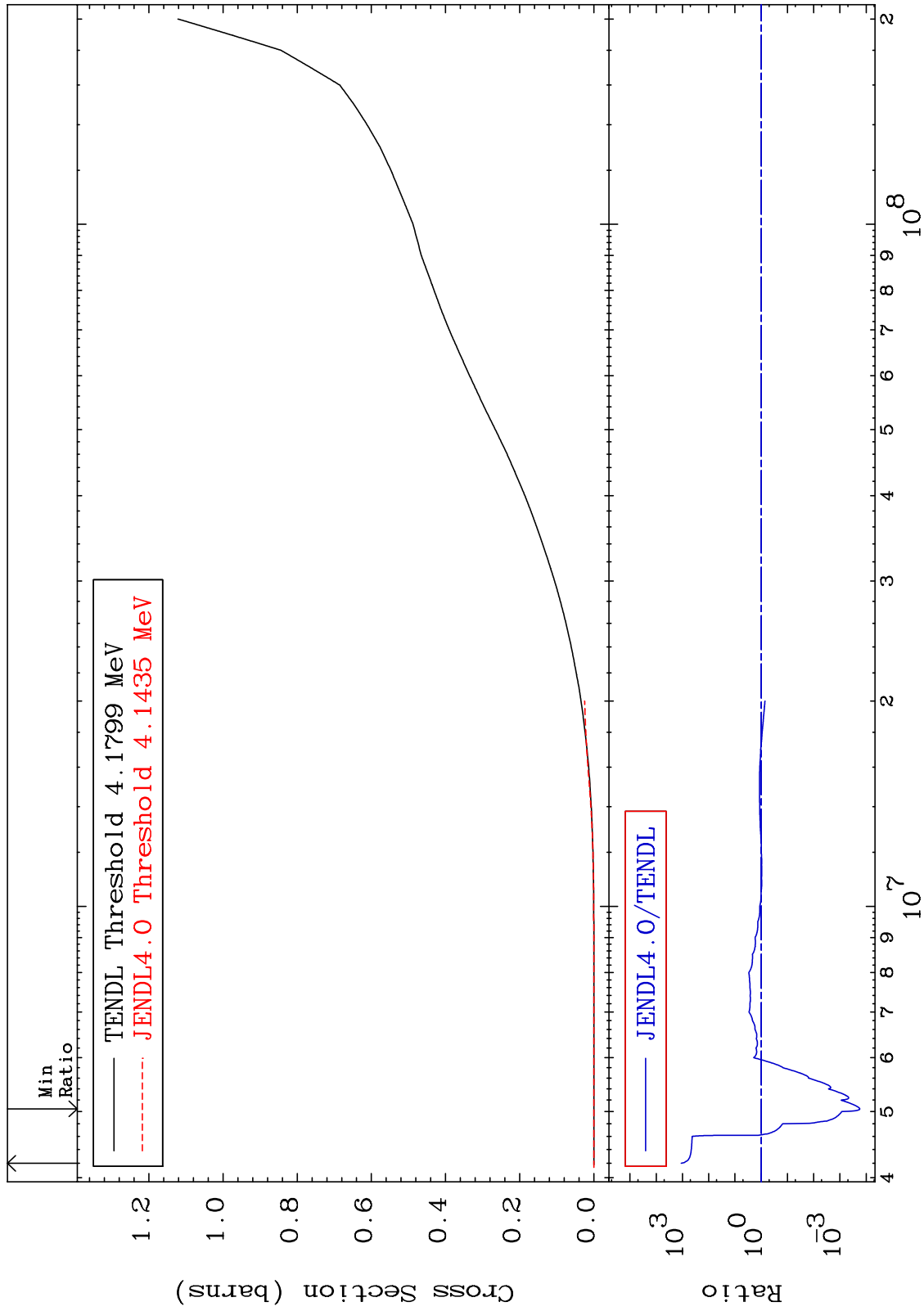
-24.36 To 9999. %



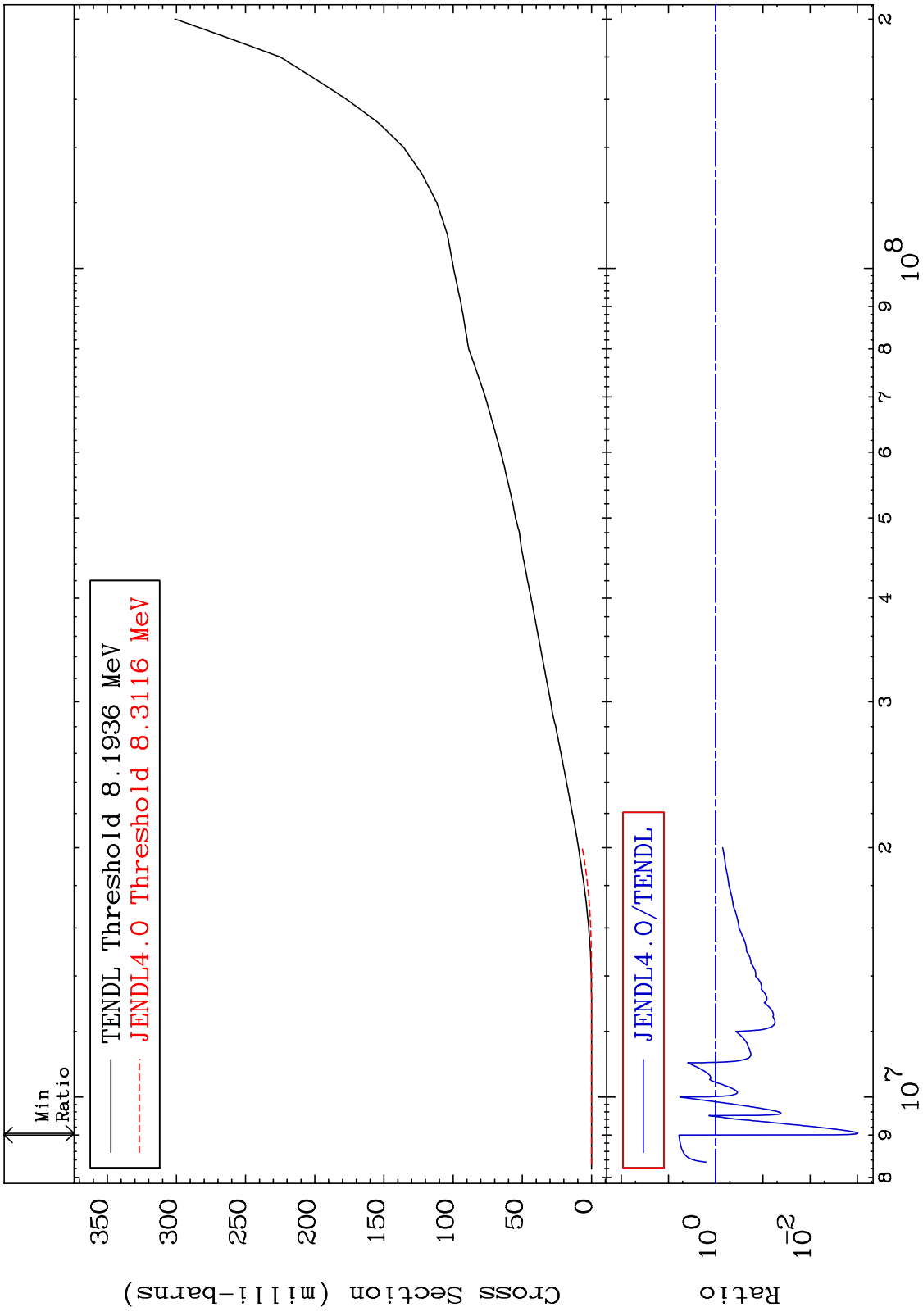
MAT 4037

Hydrogen Production
Cross Section

40-Zr-94
-99.98 To 9999. %



MAT 4037 Deuterium Production Cross Section 40-Zr-94 -99.90 To 499.7 %

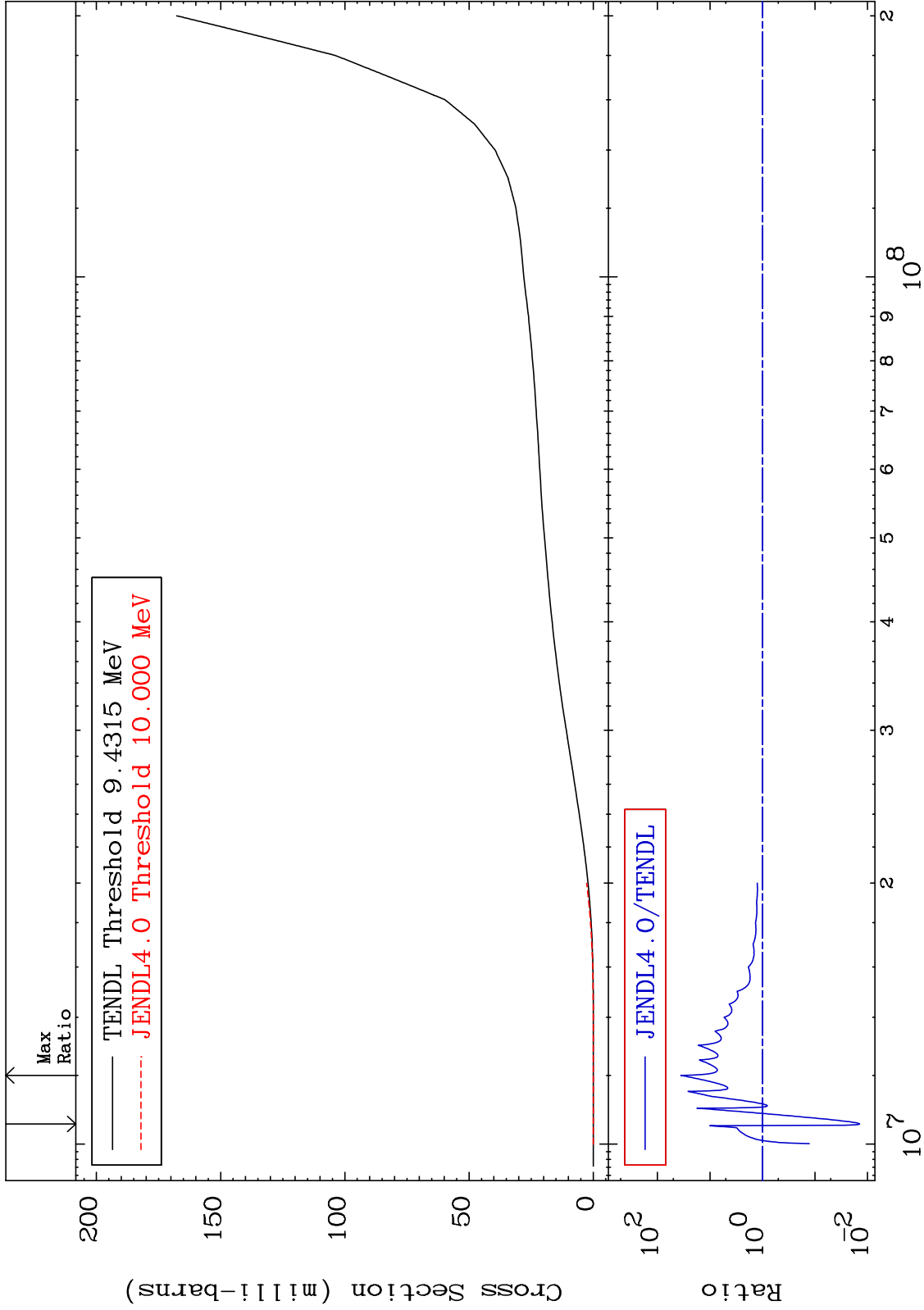


30 40-Zr-94 Incident Energy (eV)

MAT 4037

Tritium Production
Cross Section

40-Zr-94
-98.59 To 3489. %



31

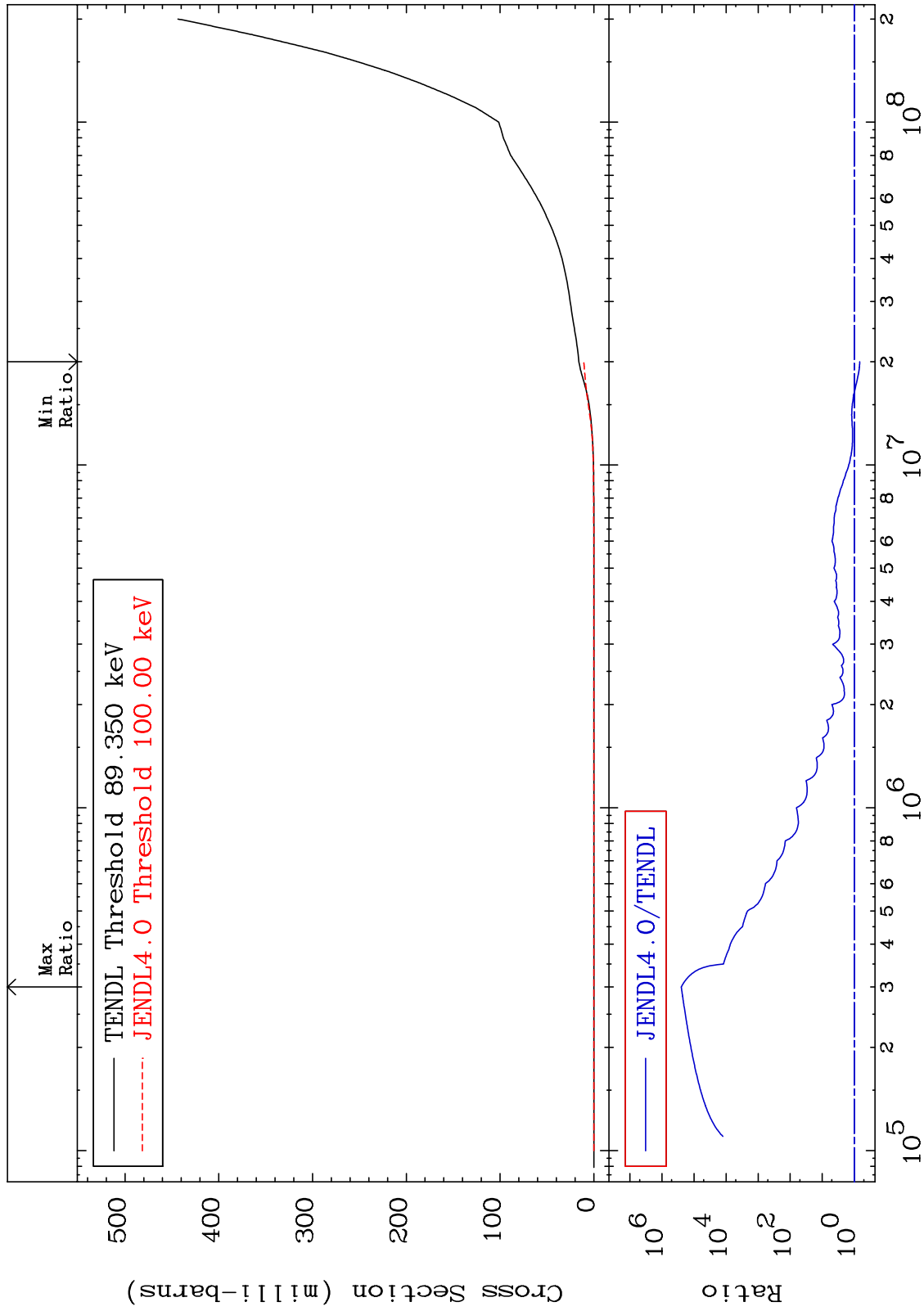
Incident Energy (eV)

40-Zr-94

MAT 4037

He-4 Production
Cross Section

40-Zr-94
-32.70 To 9999. %

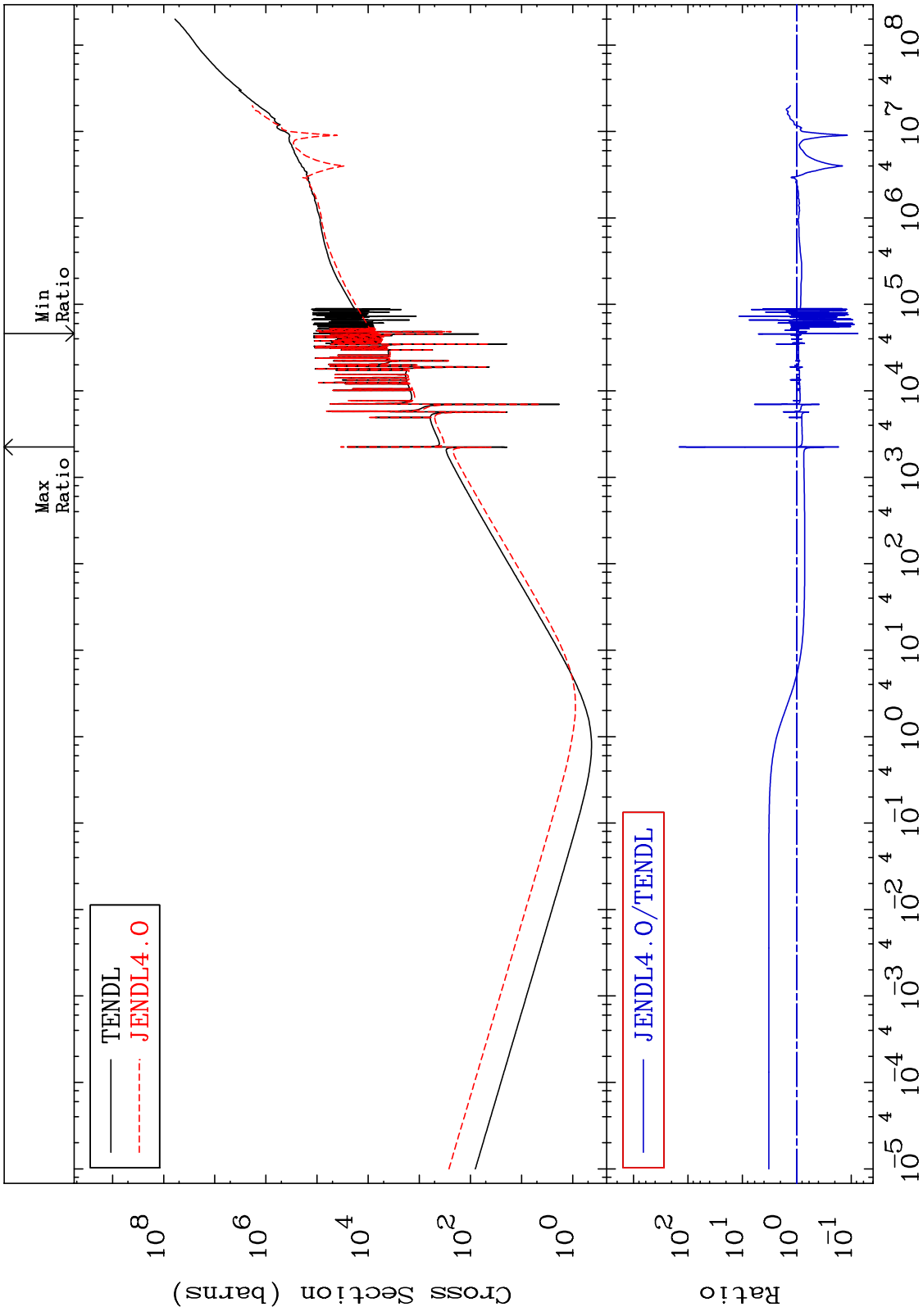


32

Incident Energy (eV)

40-Zr-94

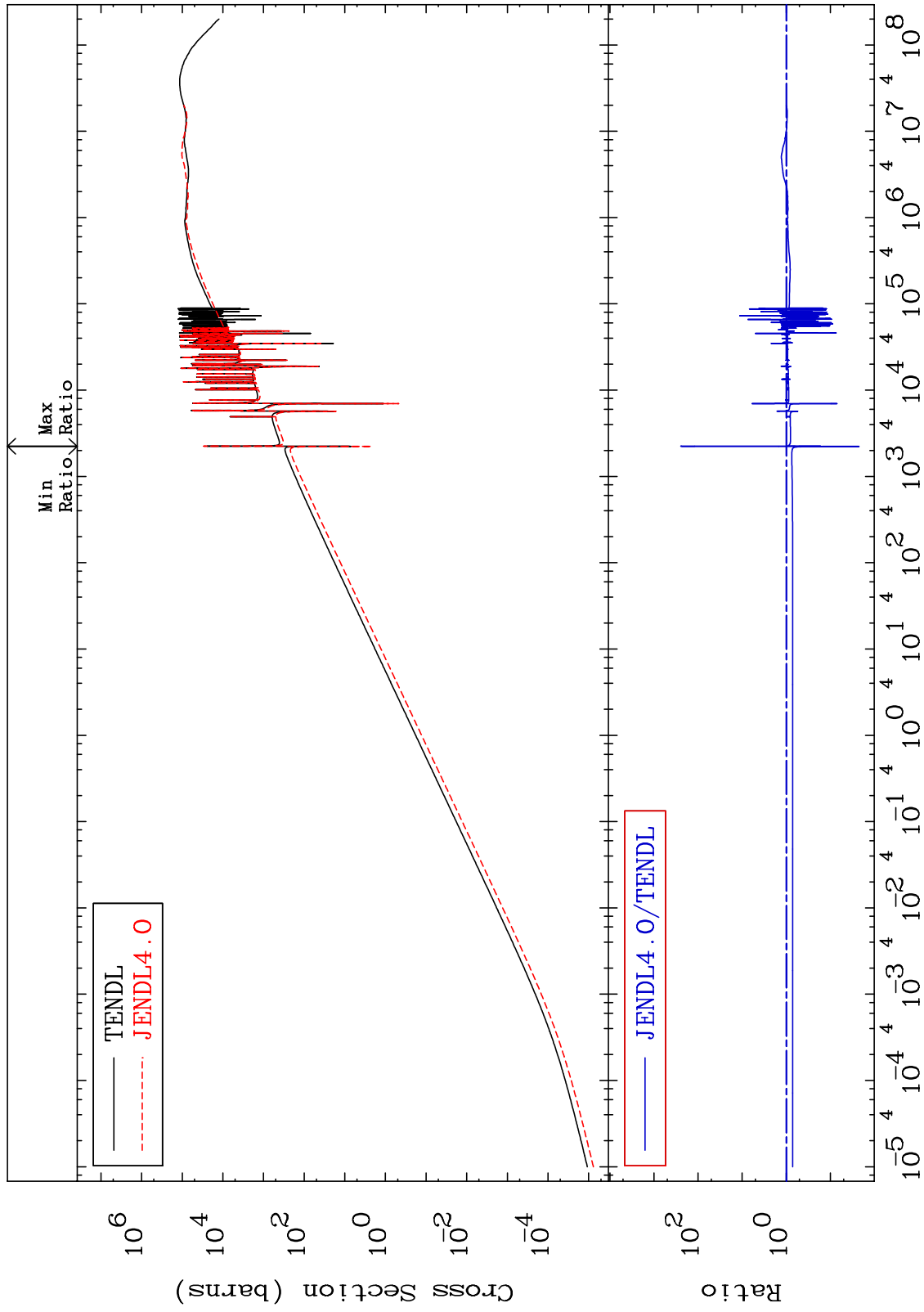
MAT 4037 Kerma total (eV-barns)
 Cross Section -92.42 To 9999. % 40-Zr-94



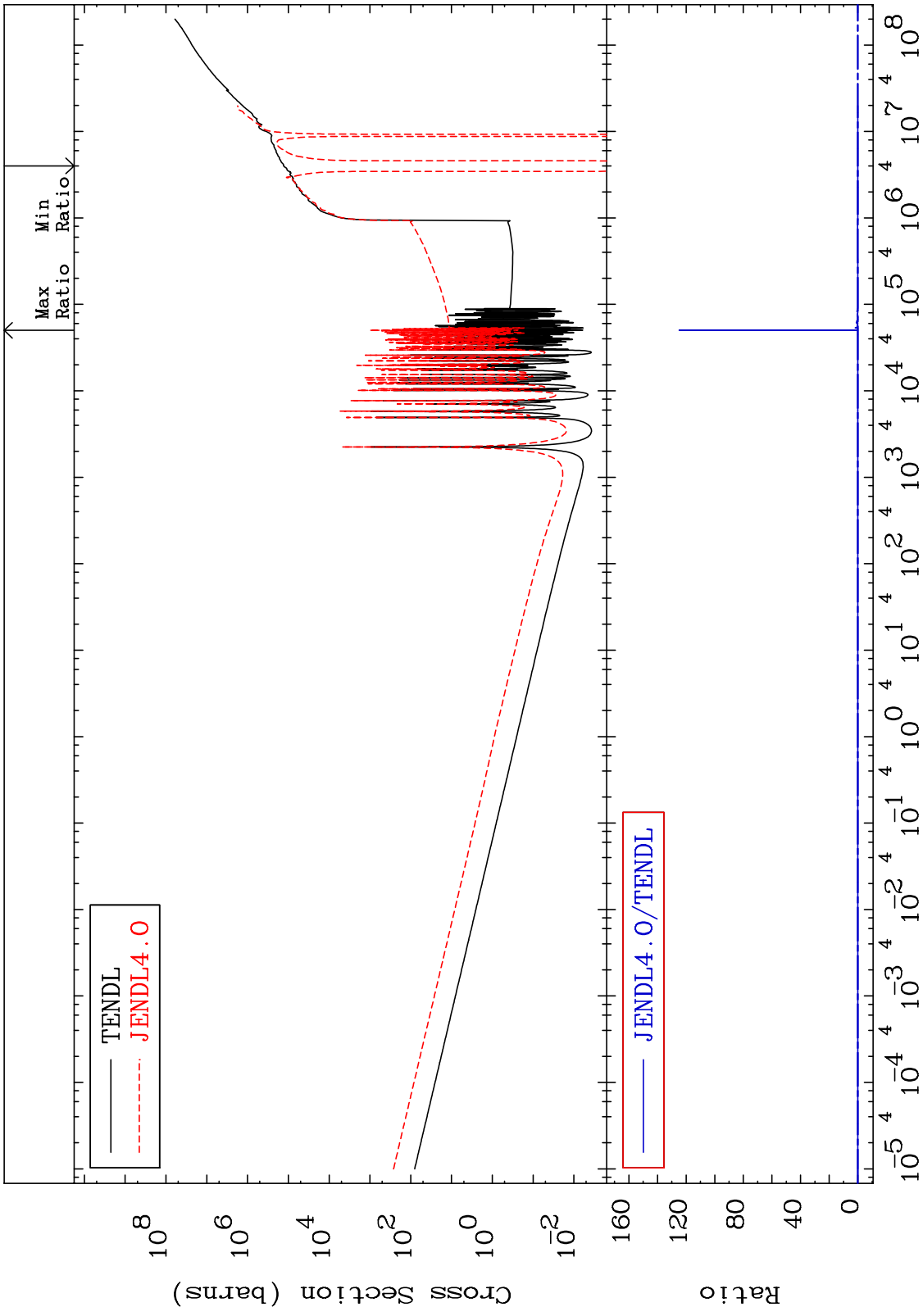
MAT 4037

Kerma elastic
Cross Section

40-Zr-94
-97.76 To 9999. %



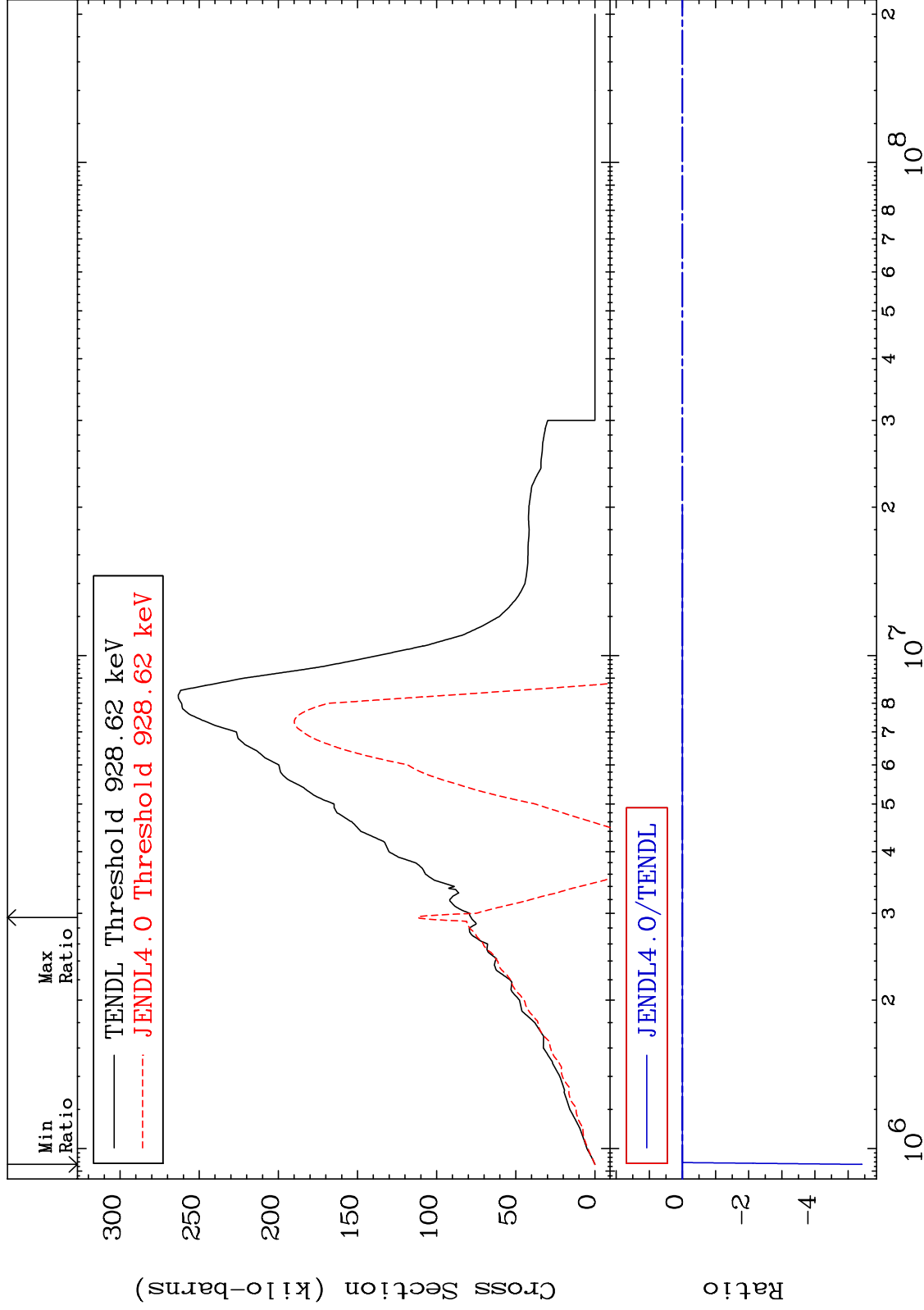
MAT 4037 Kerma non-elastic (all but mt2) Cross Section 40-Zr-94
 -145.7 To 9999. %



MAT 4037

Kerma inelastic (mt51-91)
Cross Section

40-Zr-94
-9999. To 43.12 %

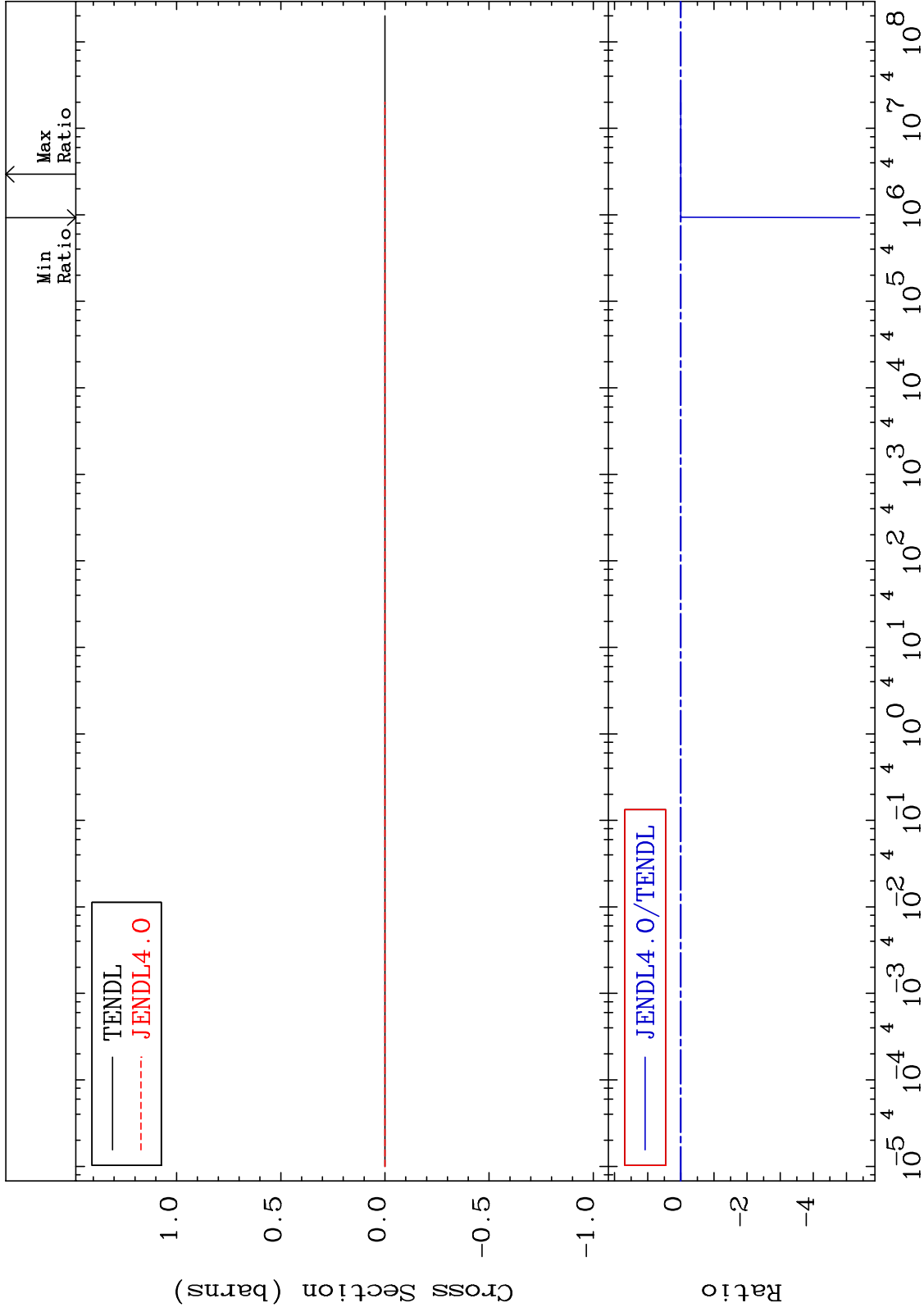


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MAT 4037

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

40-Zr-94
-9999. To 43.12 %



37

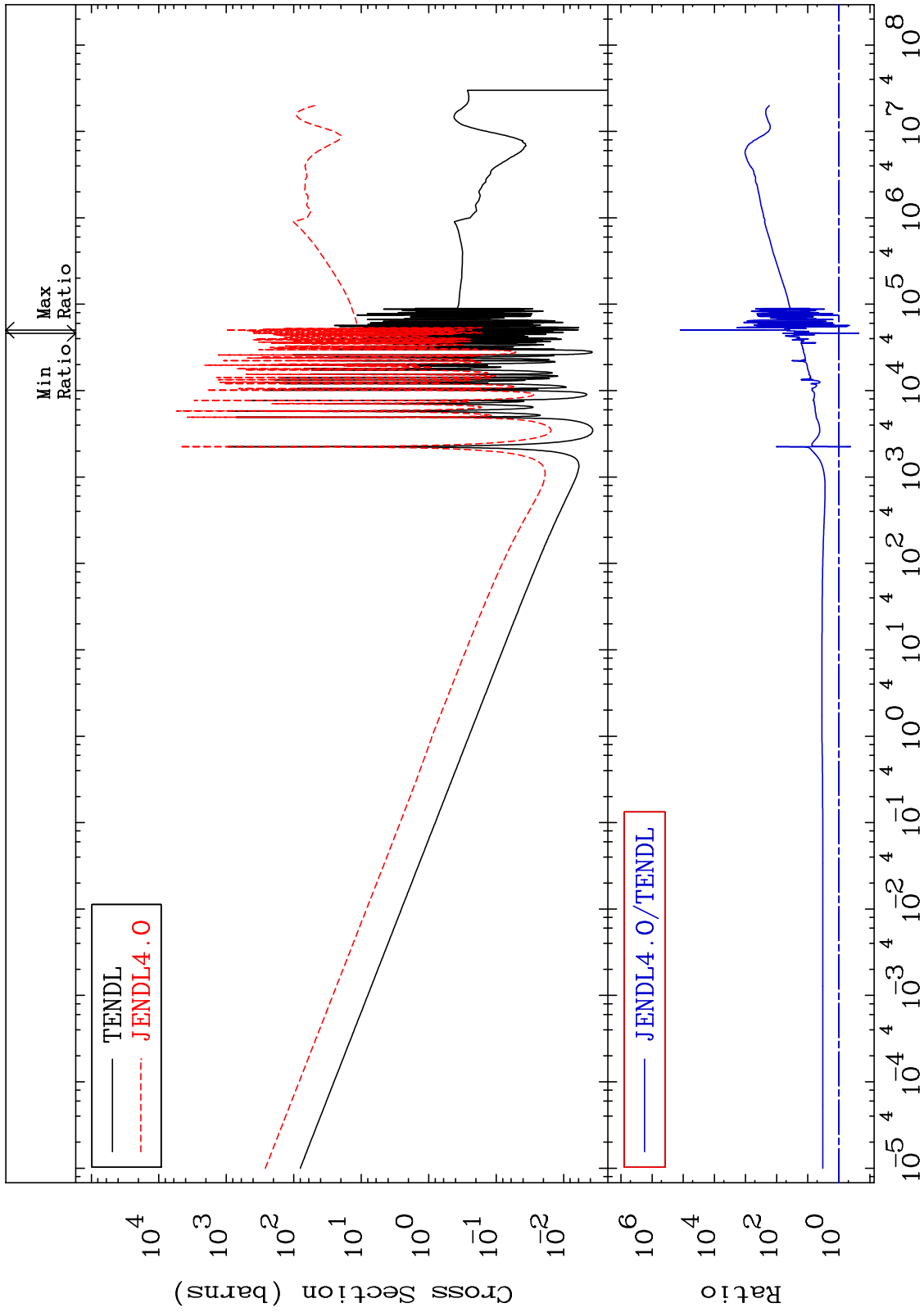
Incident Energy (eV)

40-Zr-94

MAT 4037

Kerma capture (mt102)
Cross Section

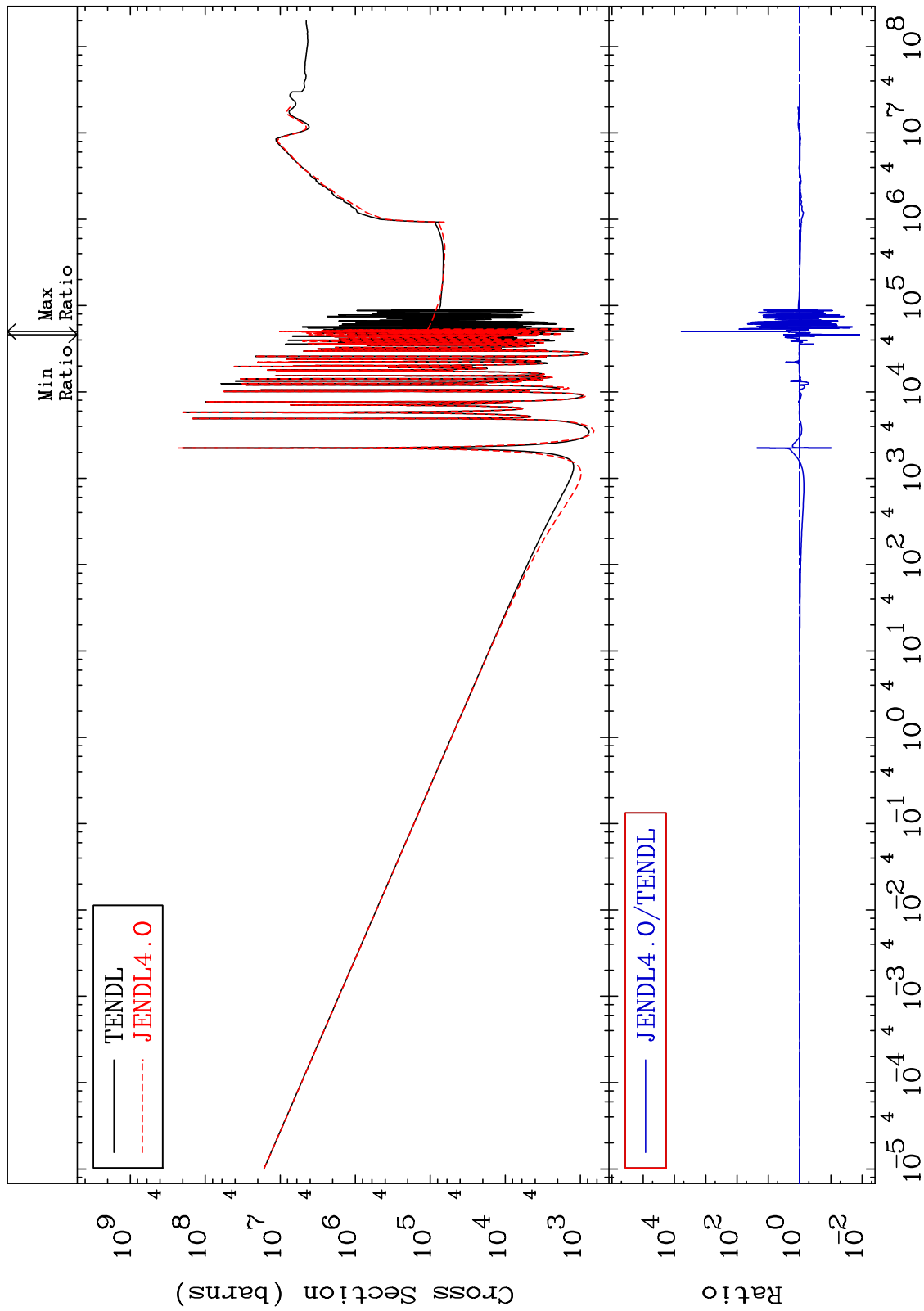
40-Zr-94
-77.19 To 9999. %



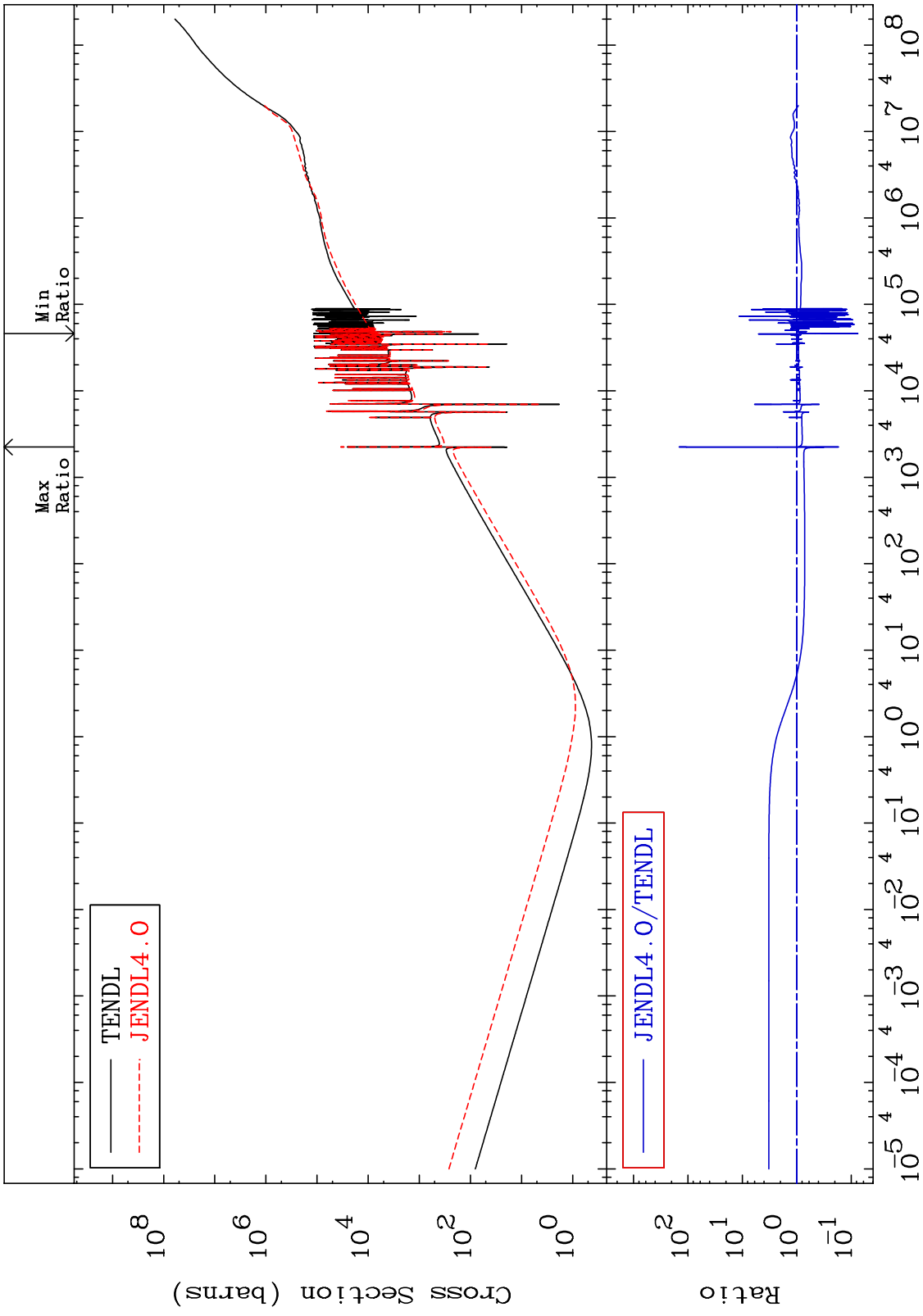
MAT 4037

Total photon (eV-barns)
Cross Section

40-Zr-94
-98.82 To 9999. %

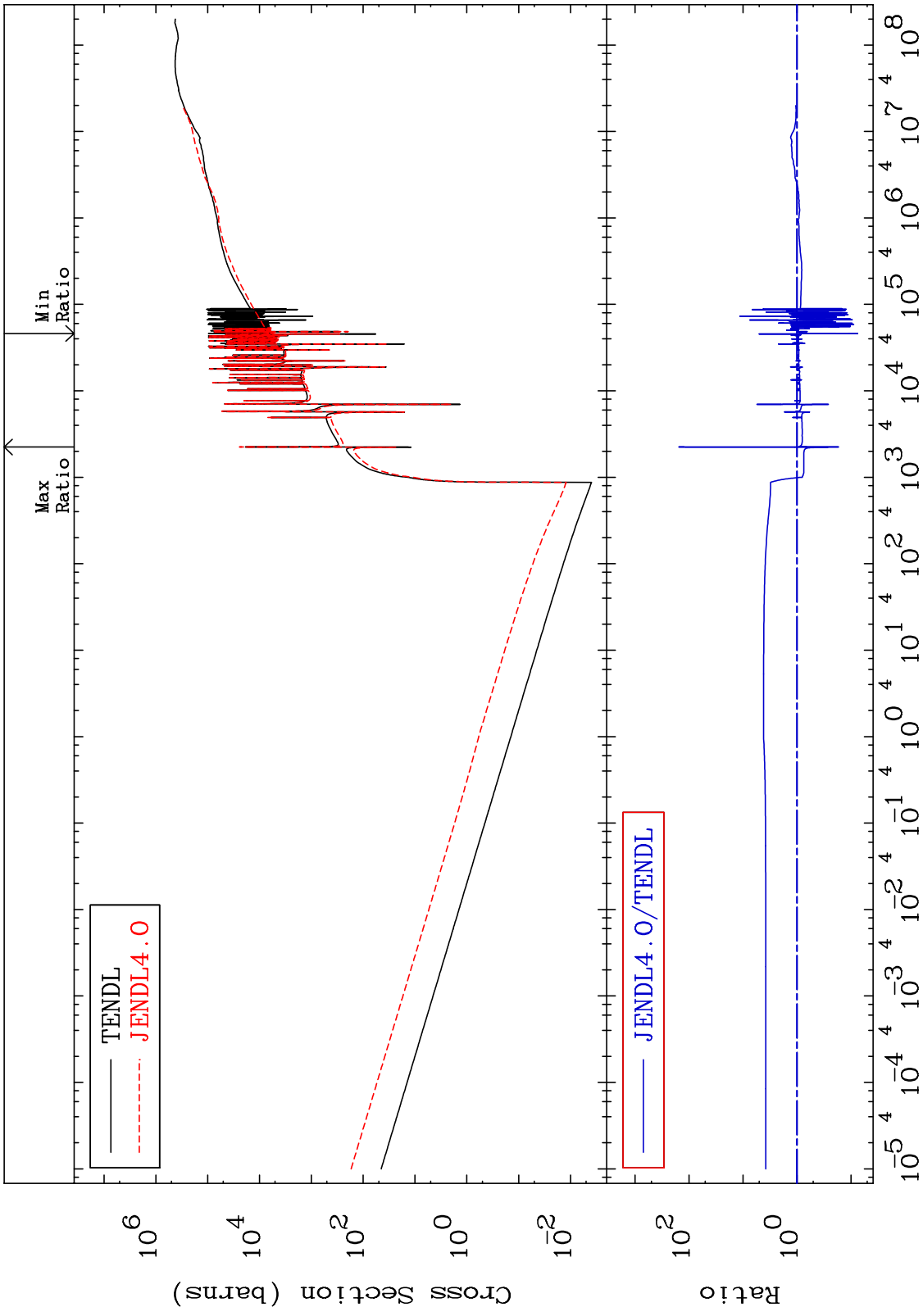


MAT 4037 Total kinematic kerma (high limit) Cross Section -92.42 To 9999. % 40-Zr-94



40 40-Zr-94

MAT 4037 Dpa total (eV-barns) 40-Zr-94
 Cross Section -92.55 To 9999. %

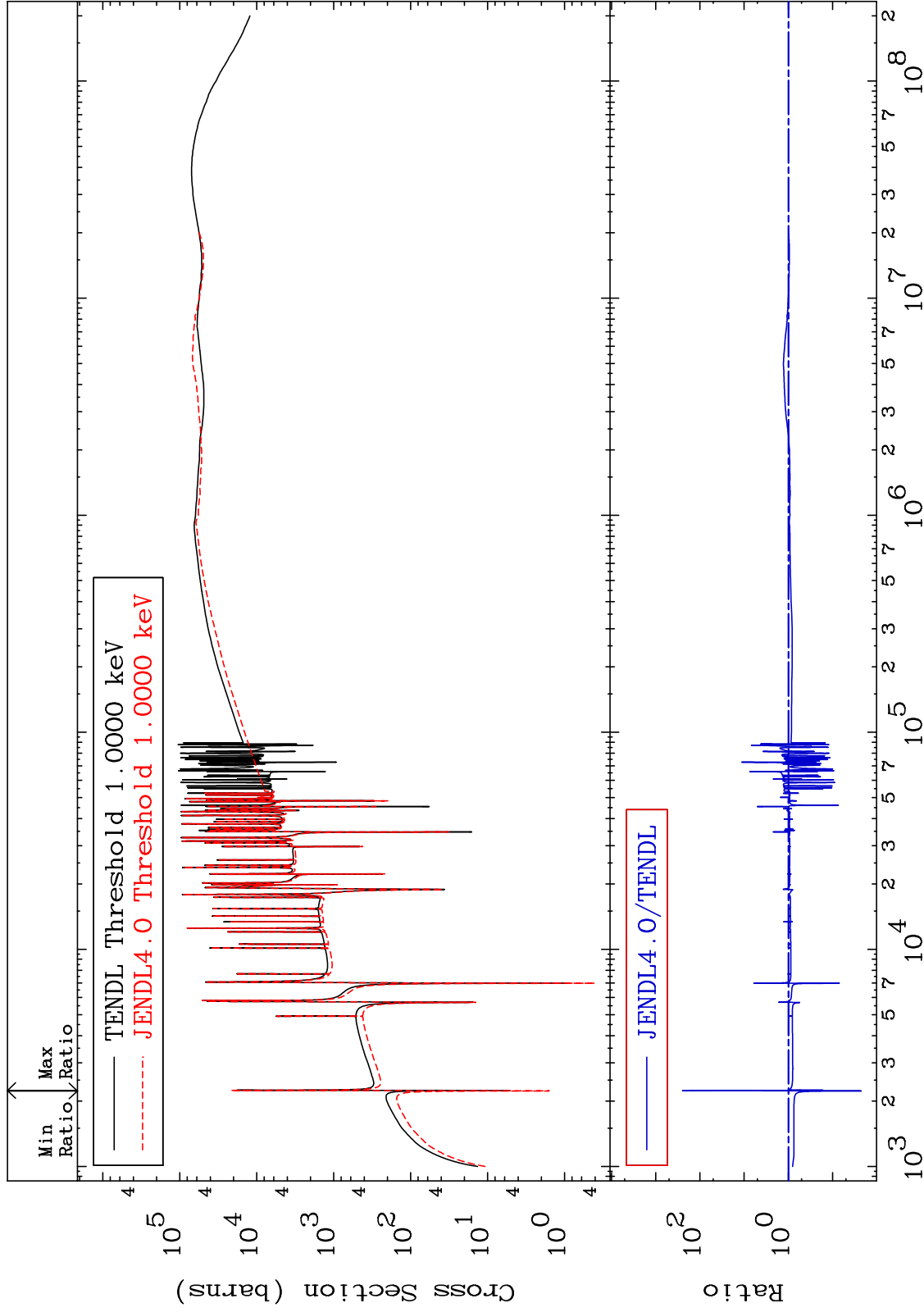


41 Incident Energy (eV) 40-Zr-94

MAT 4037

Dpa elastic (mt2)
Cross Section

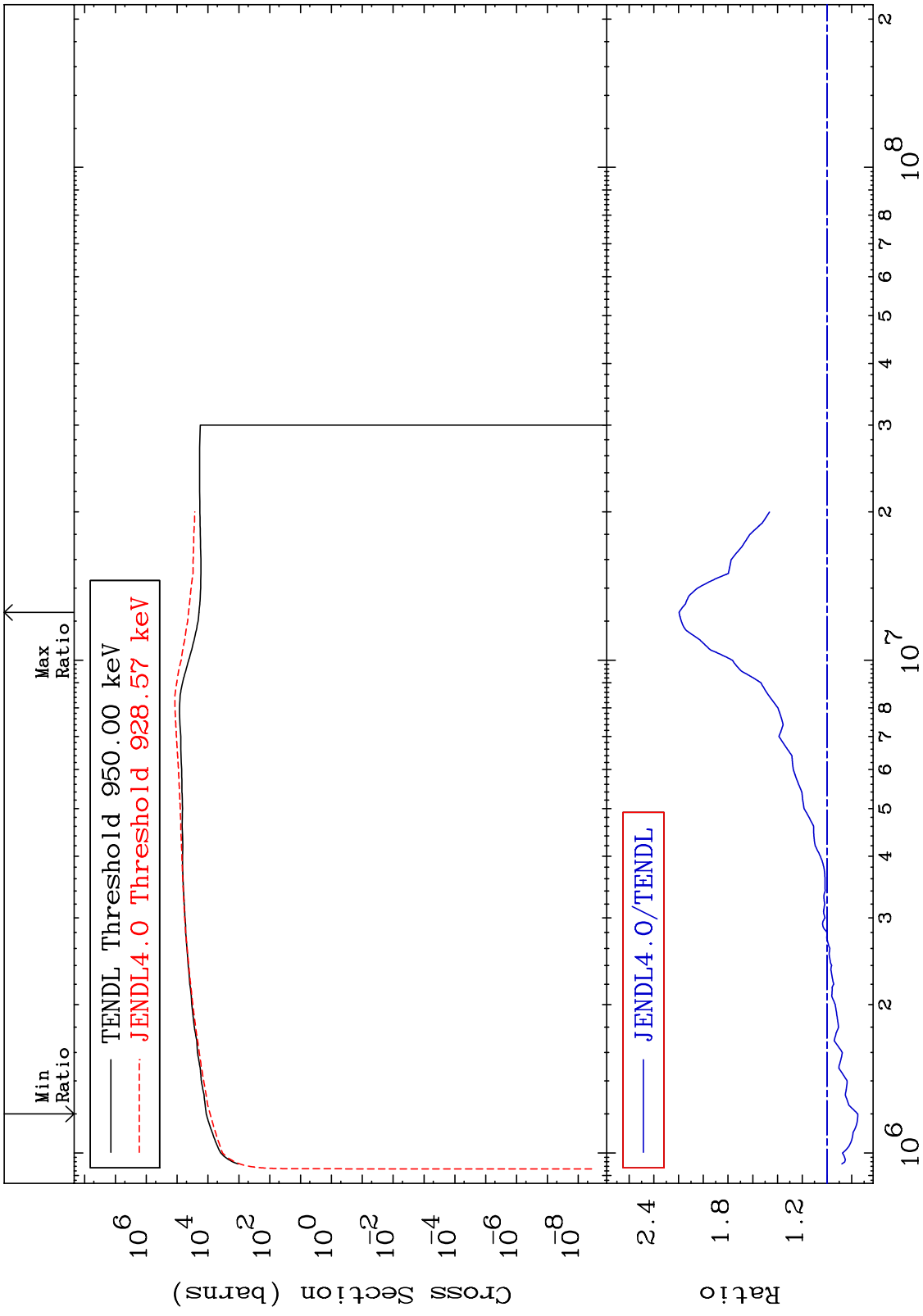
40-Zr-94
-97.76 To 9999. %



42

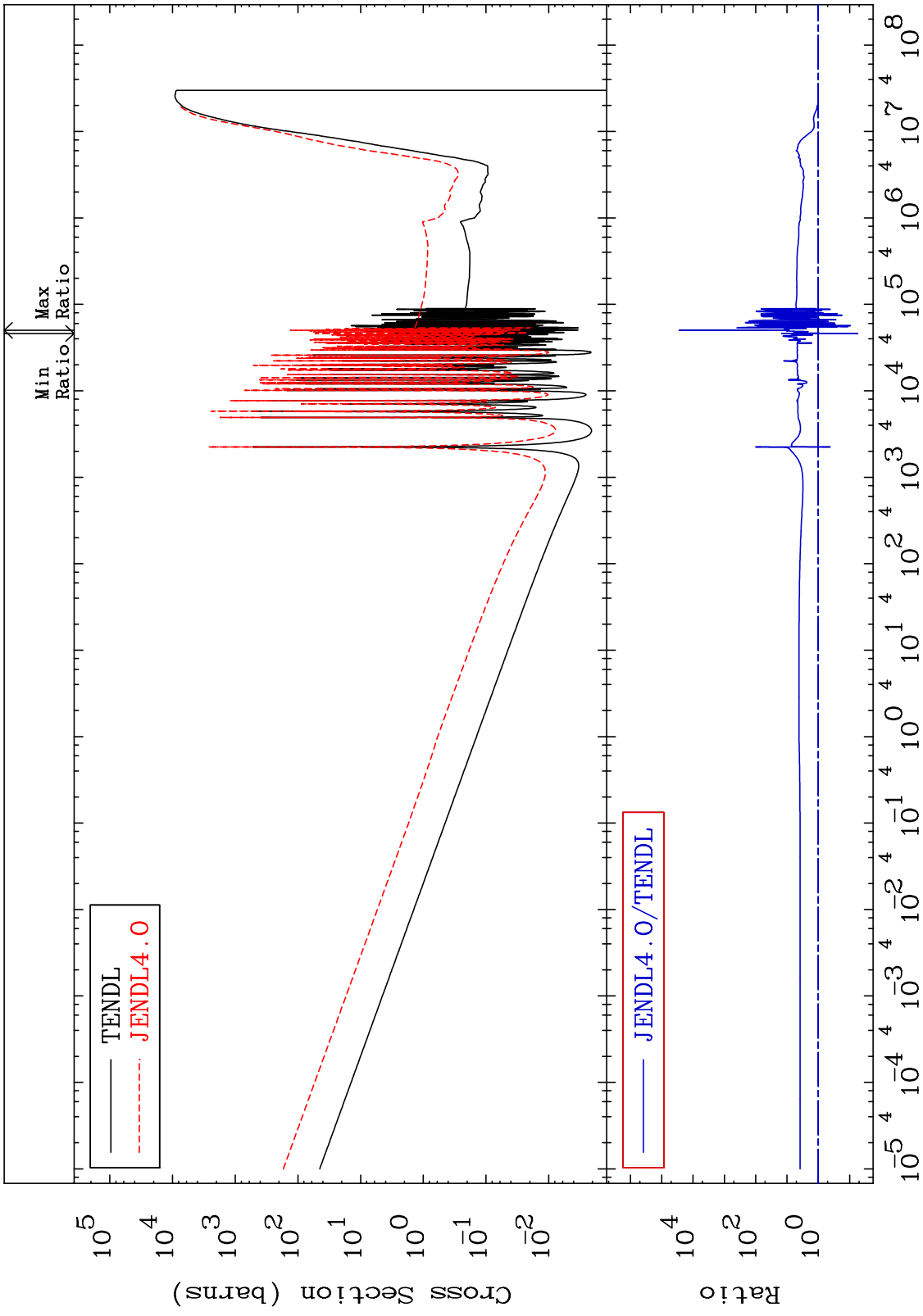
40-Zr-94

MAT 4037 Dpa inelastic (mt51-91) 40-Zr-94
Cross Section -25.00 To 119.6 %



43 40-Zr-94

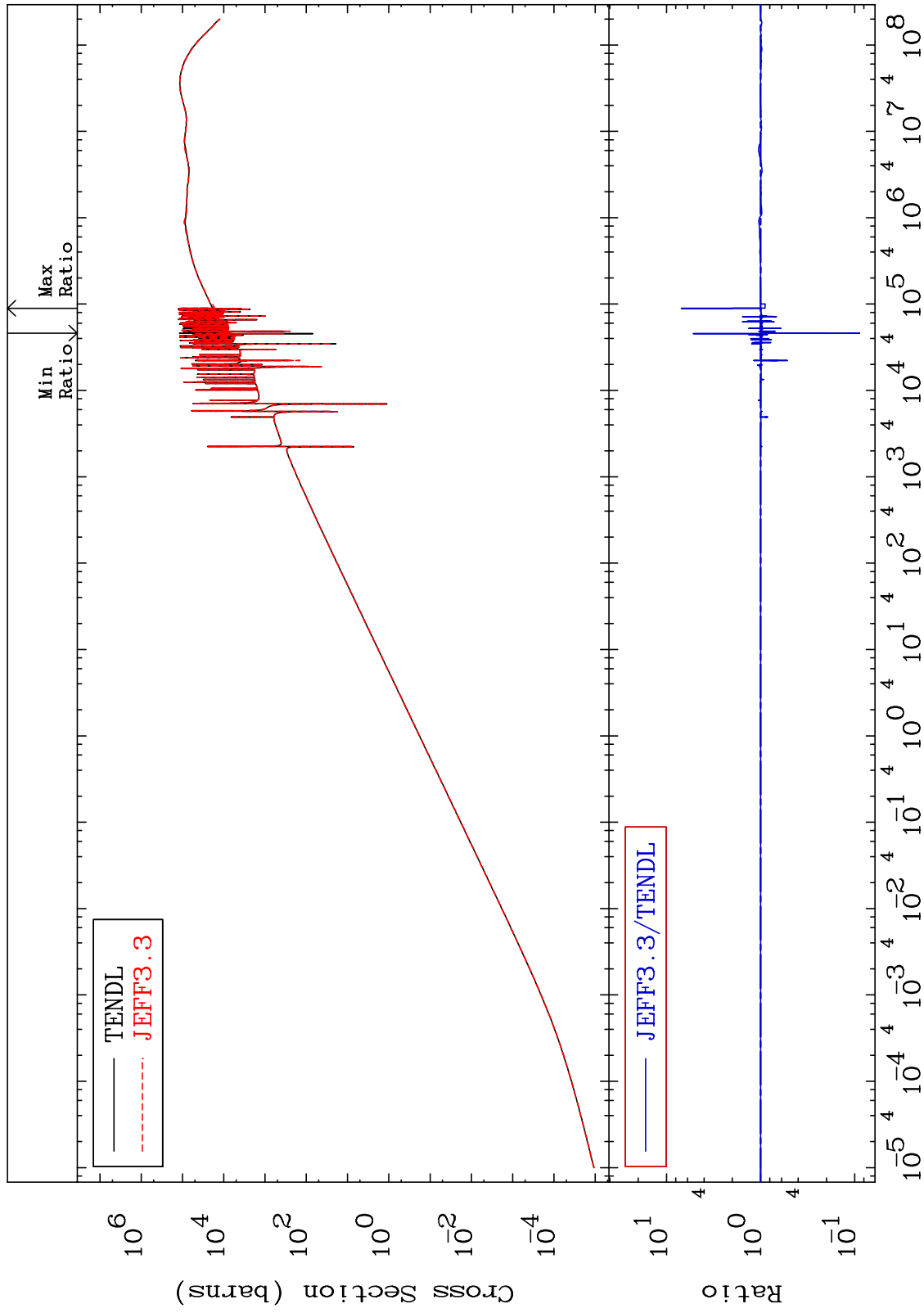
MAT 4037 Dpa disappearance (mt102 -120) 40-Zr-94
 Cross Section -94.54 To 9999. %



MAT 4037

Kerma elastic
Cross Section

40-Zr-94
-91.15 To 598.3 %

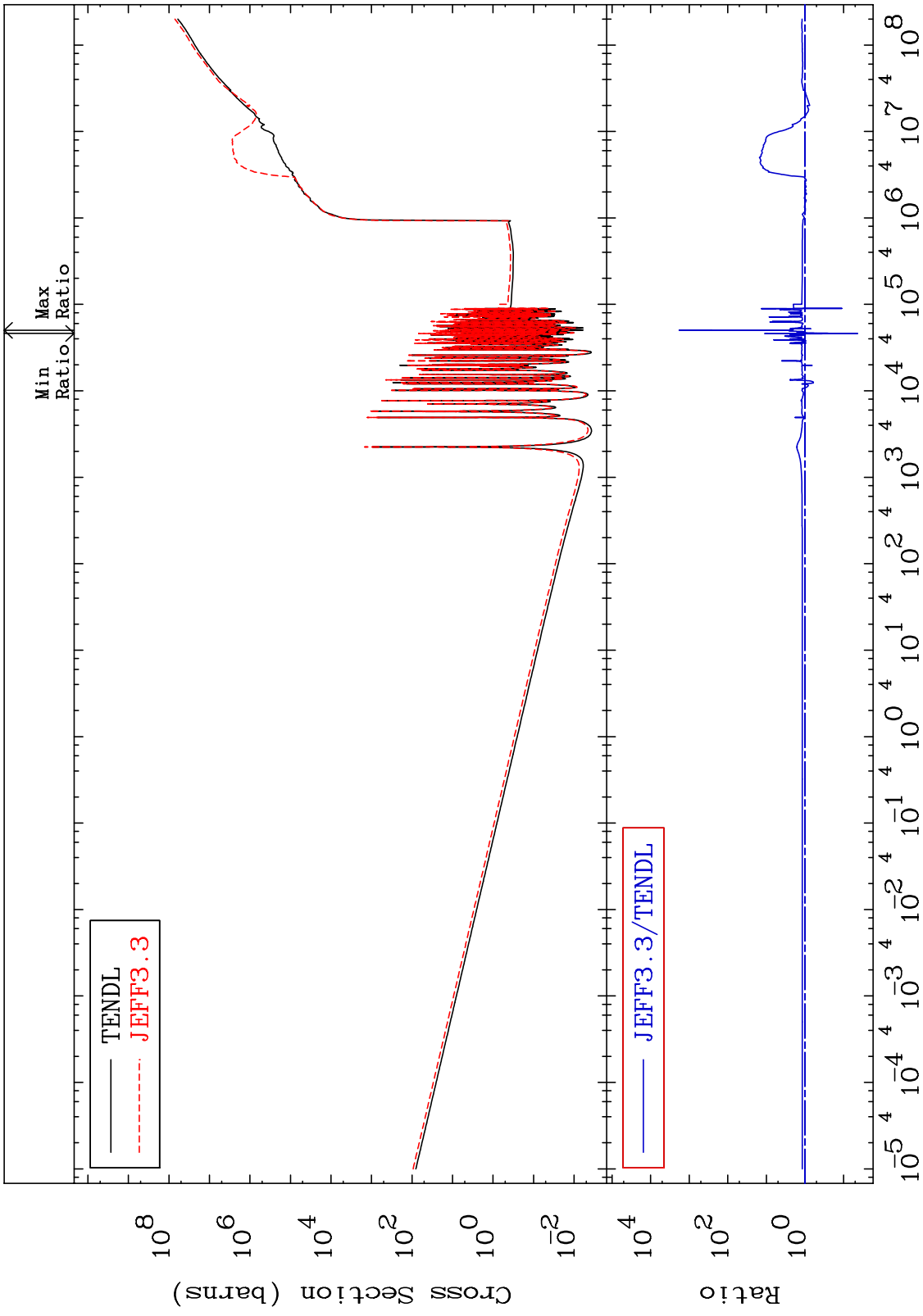


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Incident Energy (eV)

40-Zr-94

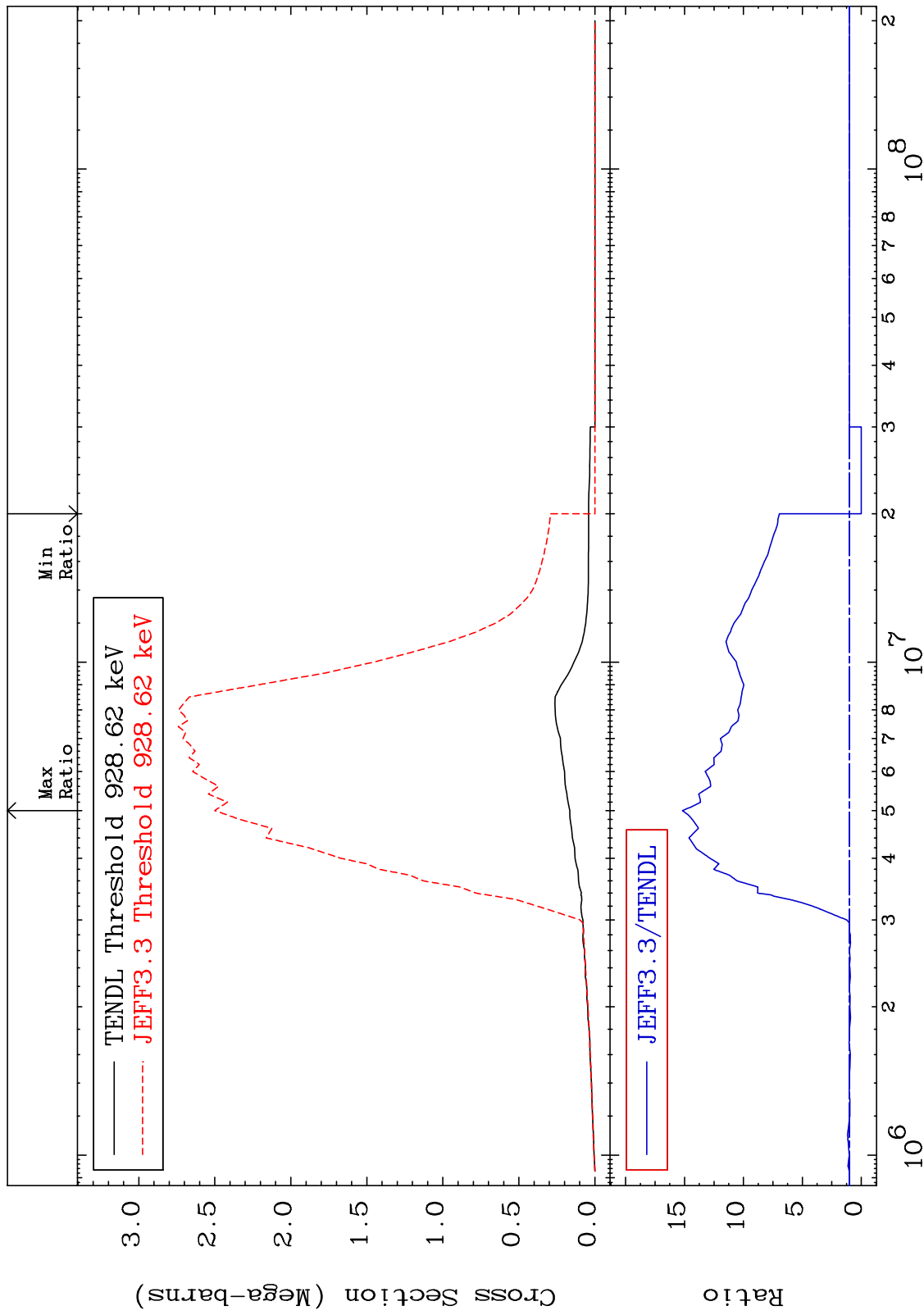
MAT 4037 Kerma non-elastic (all but mt2) 40-Zr-94
 Cross Section -95.76 To 9999. %



MAT 4037

Kerma inelastic (mt51-91)
Cross Section

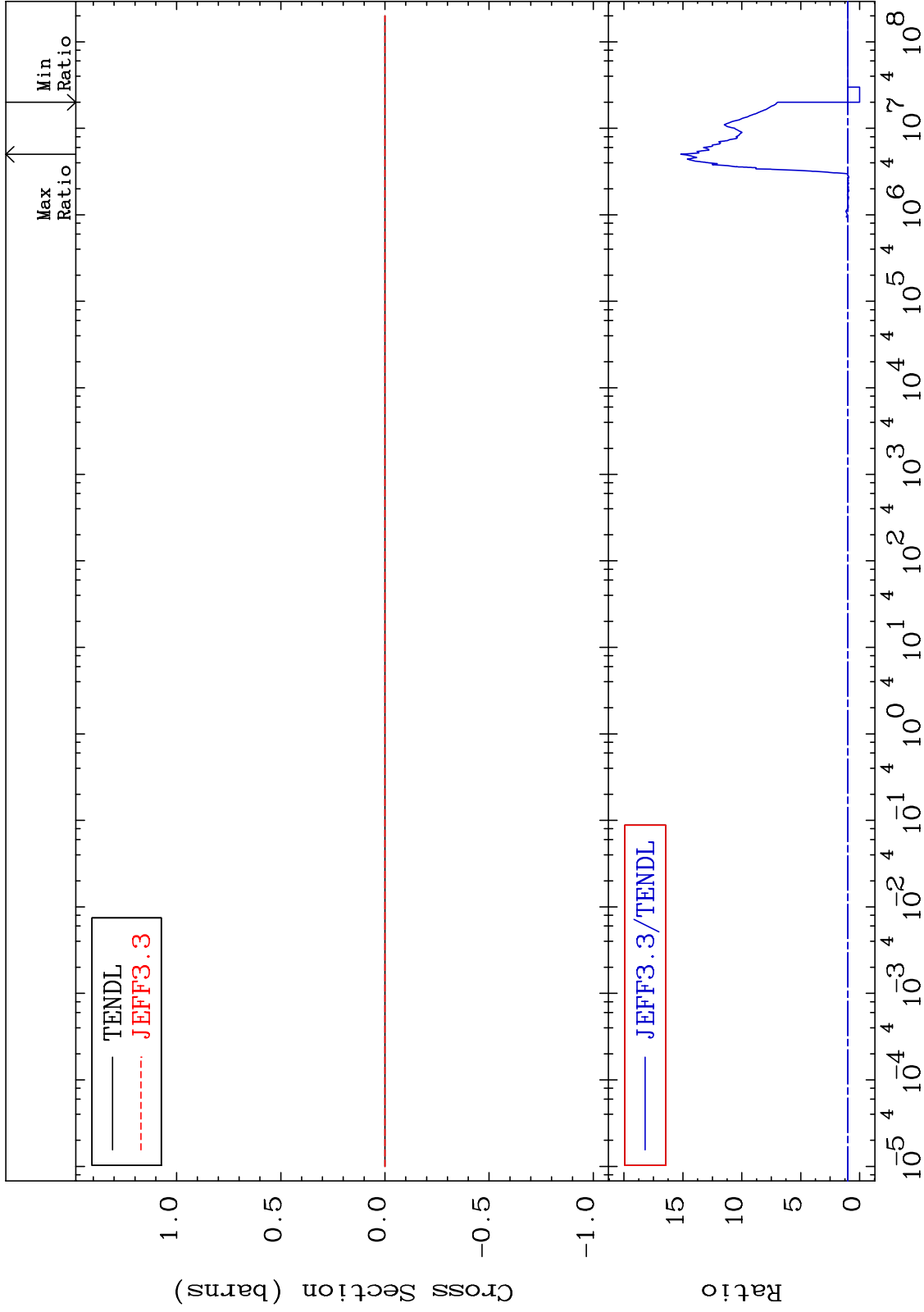
40-Zr-94
-100.0 To 1418. %



MAT 4037

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

40-Zr-94
-100.0 To 1418. %

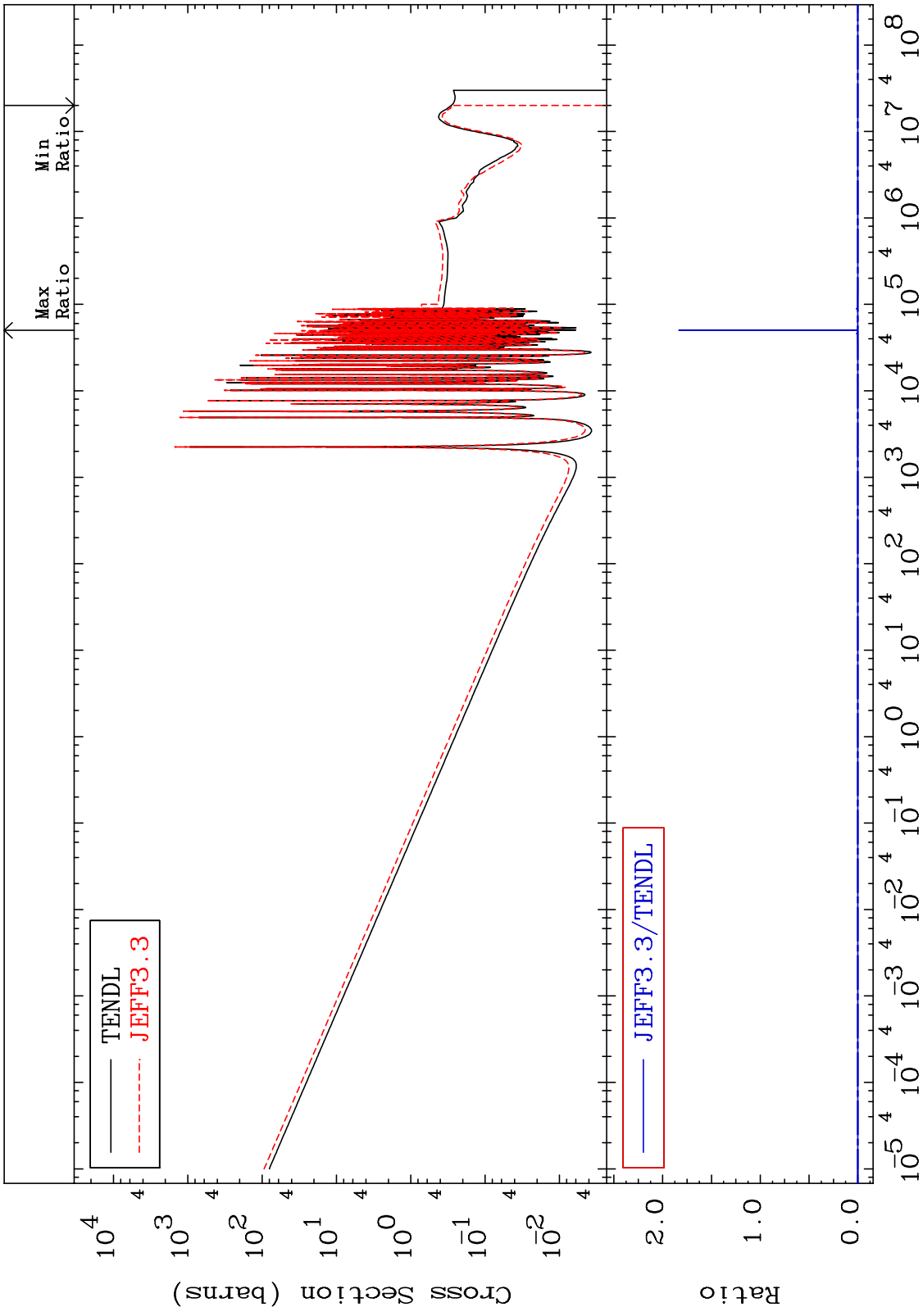


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Incident Energy (eV)

40-Zr-94

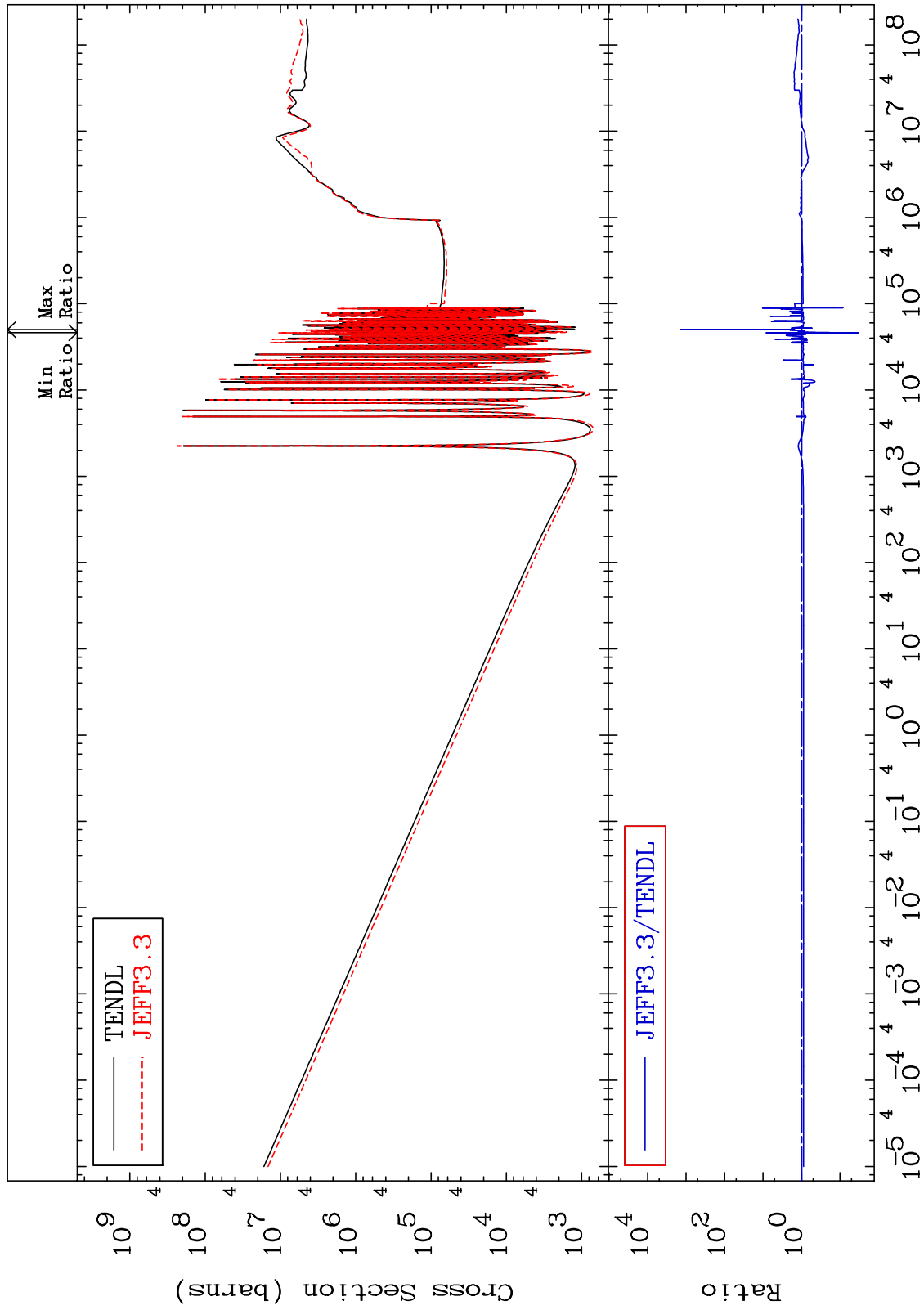
MAT 4037 Kerma capture (mt102) 40-Zr-94
 Cross Section -100.0 To 9999. %



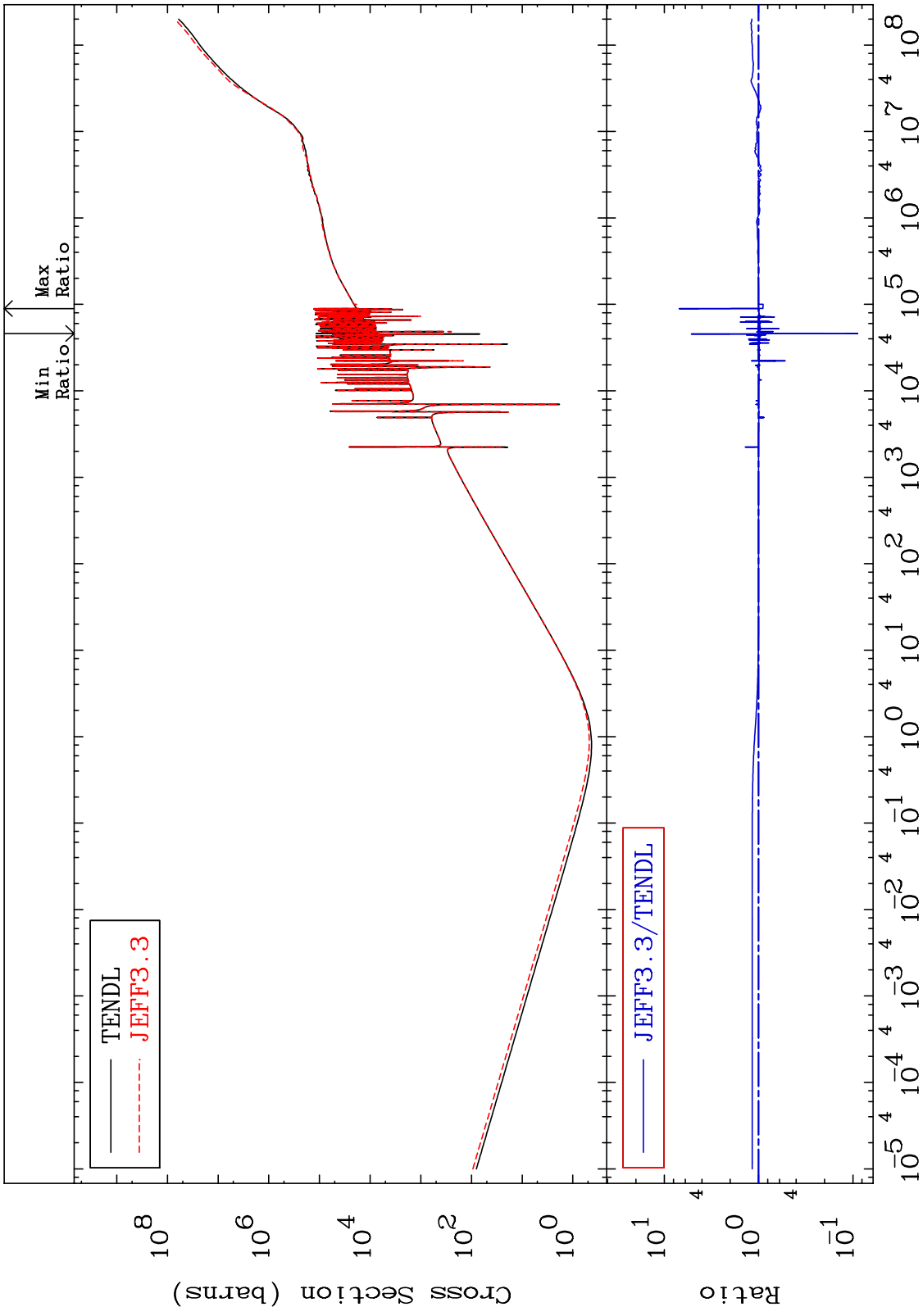
MAT 4037

Total photon (eV-barns)
Cross Section

40-Zr-94
-96.79 To 9999. %



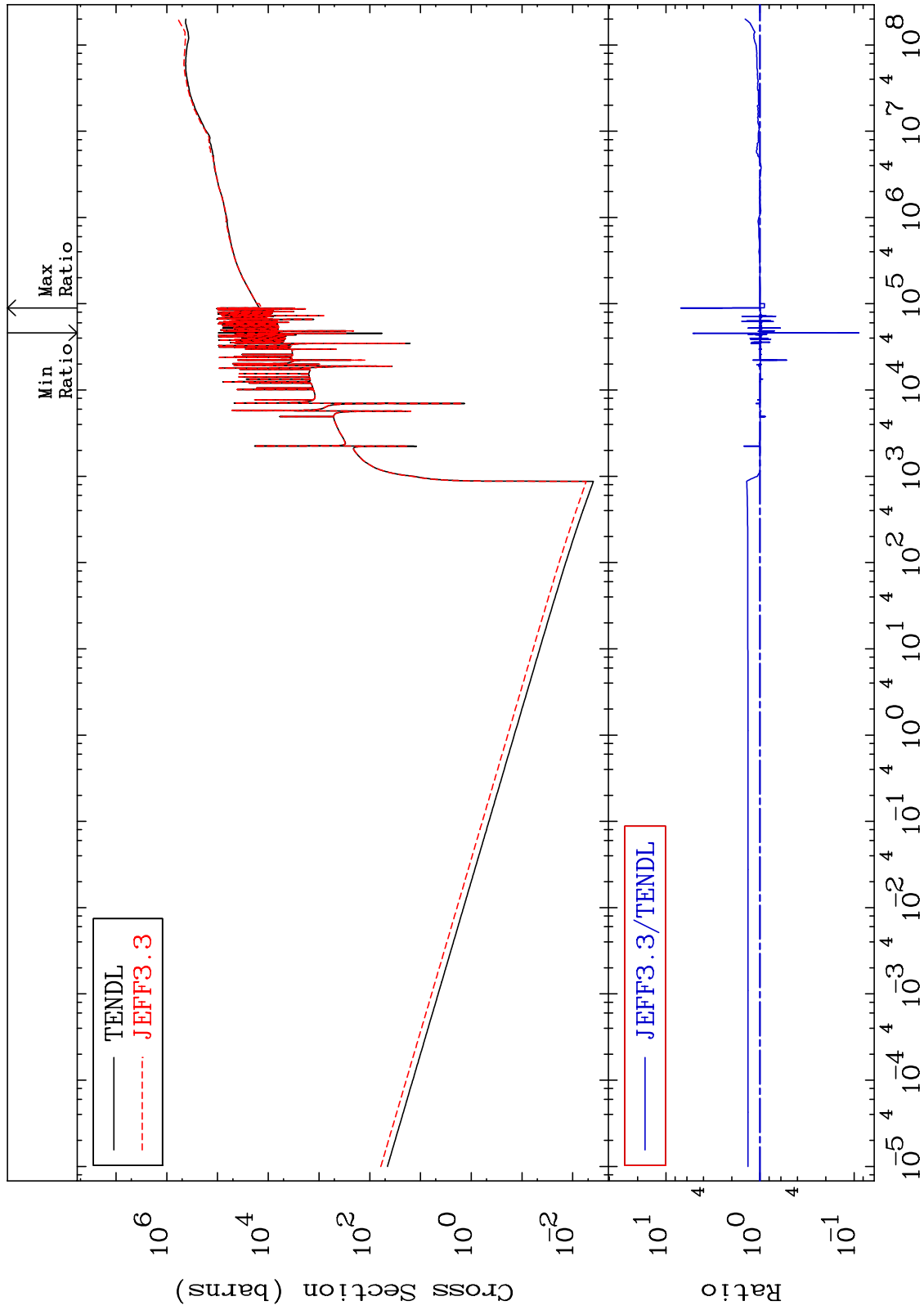
MAT 4037 Total kinematic kerma (high limit) Cross Section 40-Zr-94
 -91.14 To 598.3 %



MAT 4037

Dpa total (eV-barns)
Cross Section

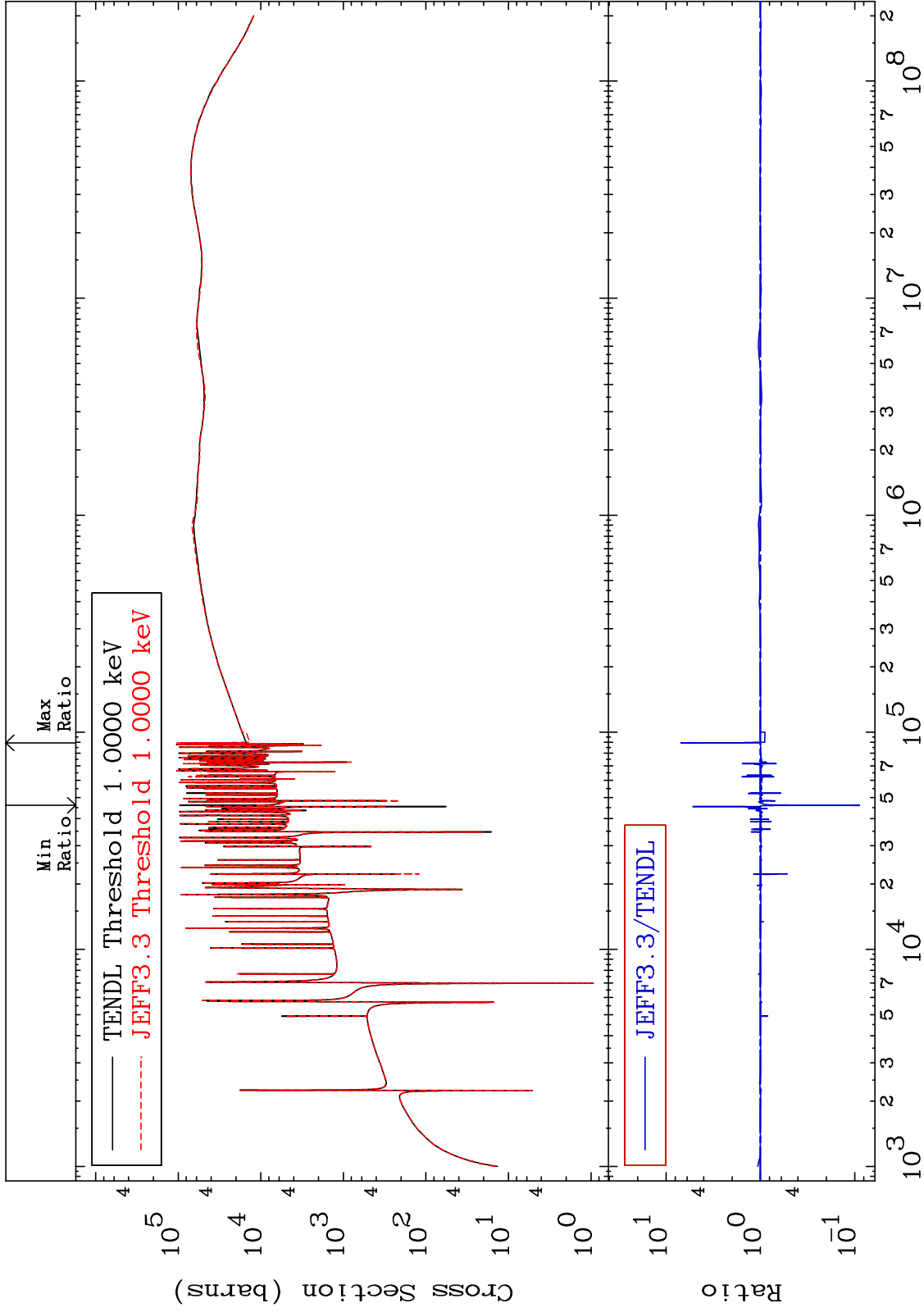
40-Zr-94
-91.14 To 598.4 %



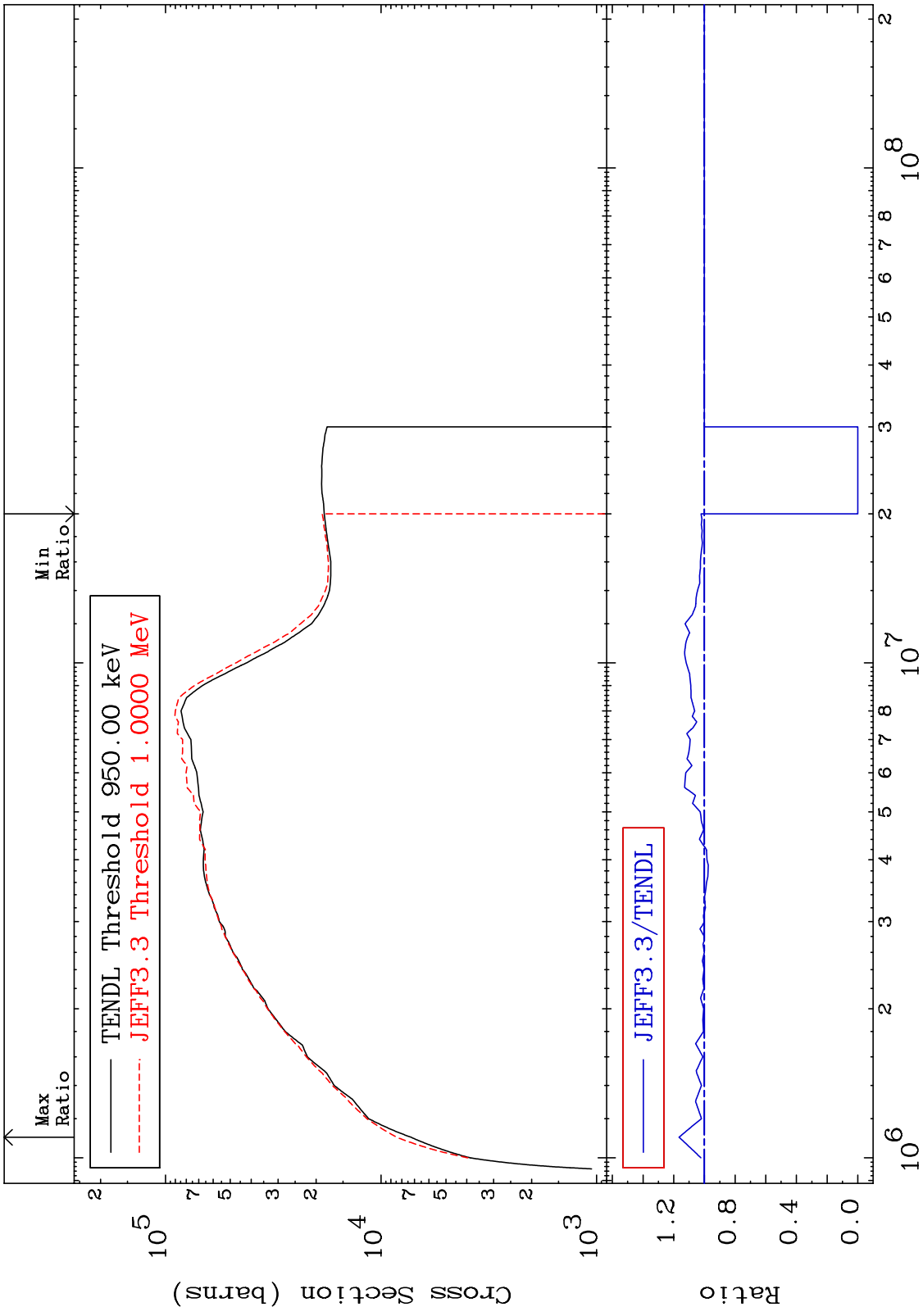
MAT 4037

Dpa elastic (mt2)
Cross Section

40-Zr-94
-91.14 To 598.4 %



MAT 4037 Dpa inelastic (mt51-91) 40-Zr-94
 Cross Section -100.0 To 16.54 %



MAT 4037

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-94
-100.0 To 9999. %

