

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

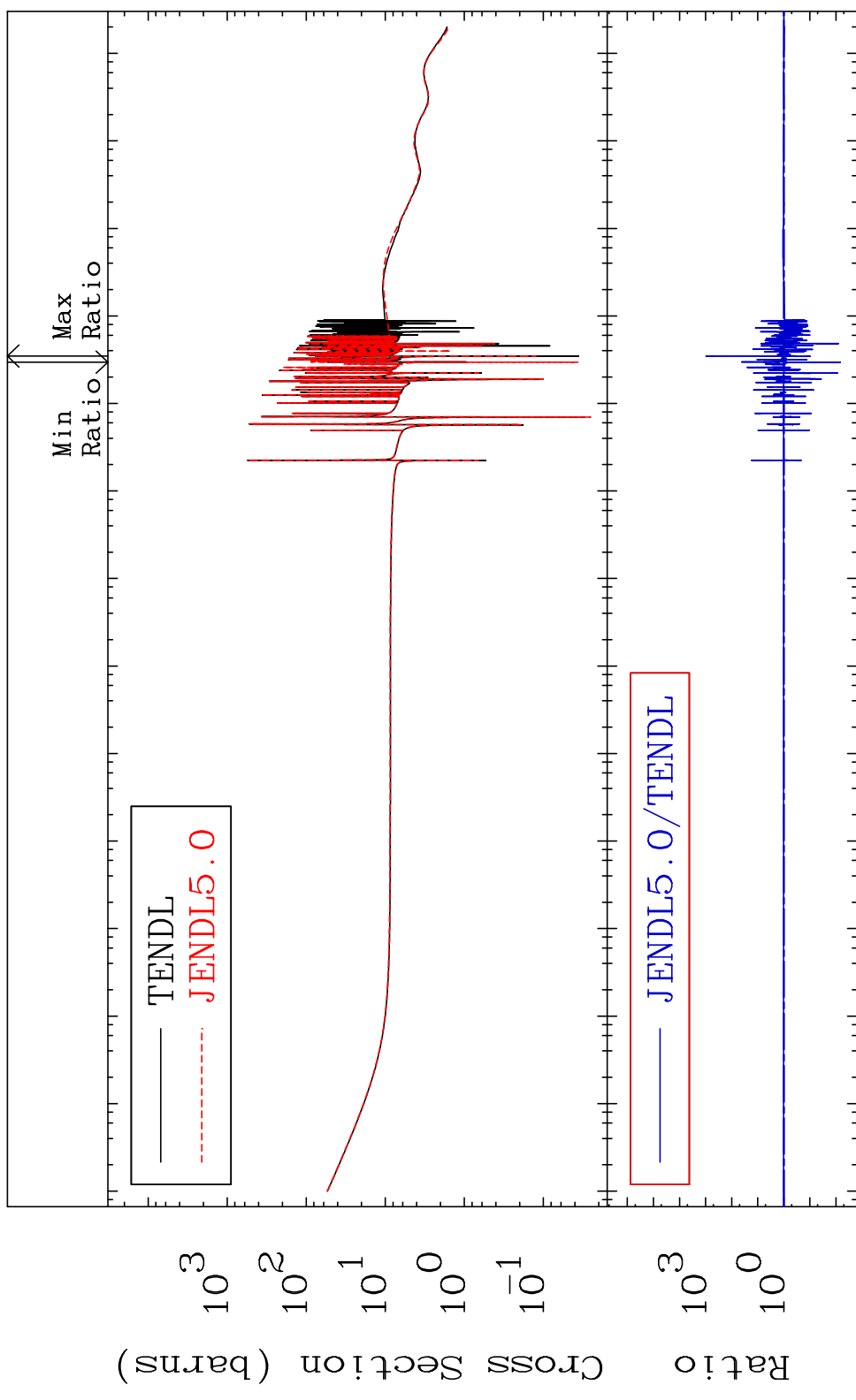
MAT 4037

Total

40-Zr-94

Cross Section

-99.33 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

1

Incident Energy (eV)

40-Zr-94

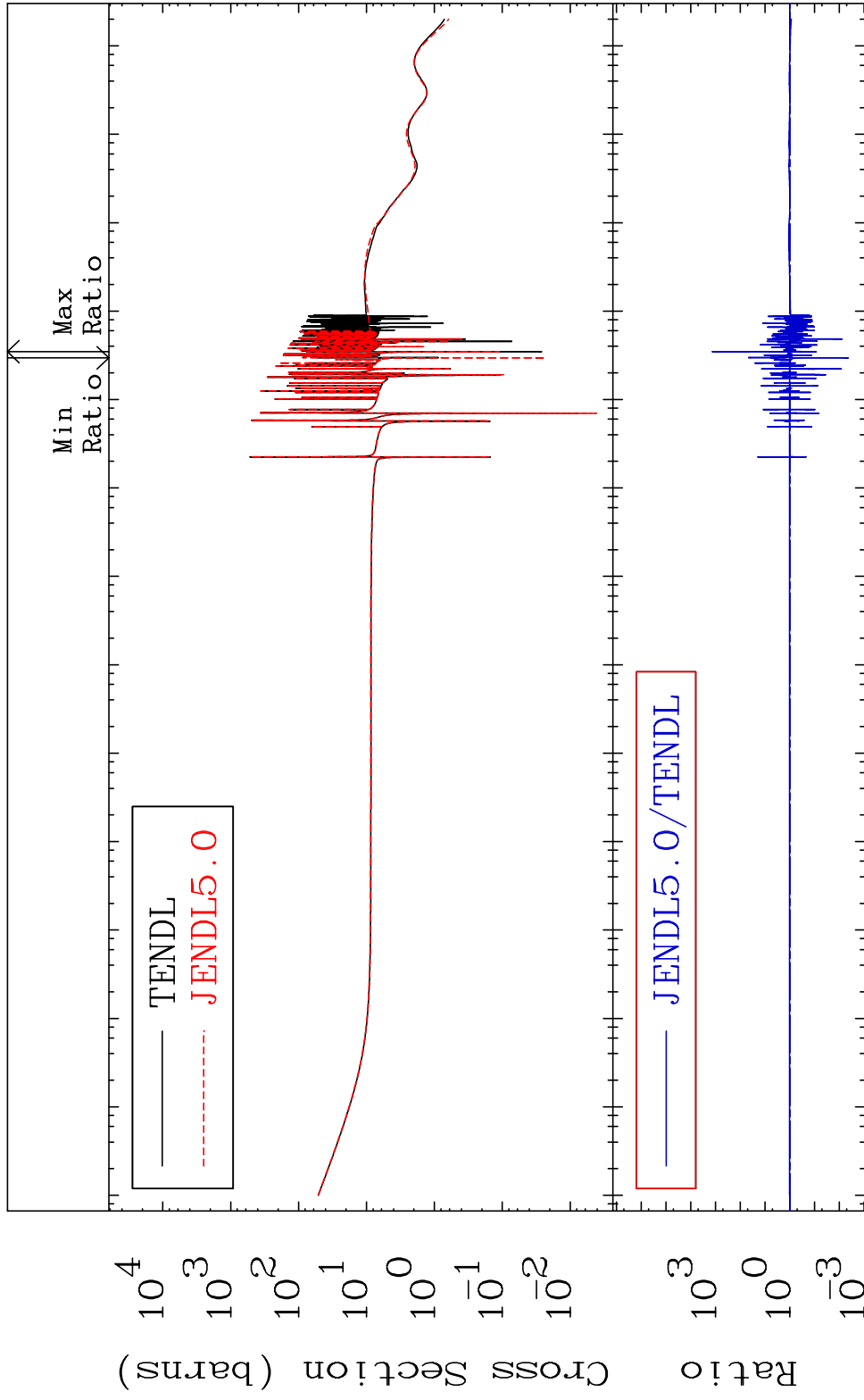
MAT 4037

Elastic

40-Zr-94

Cross Section

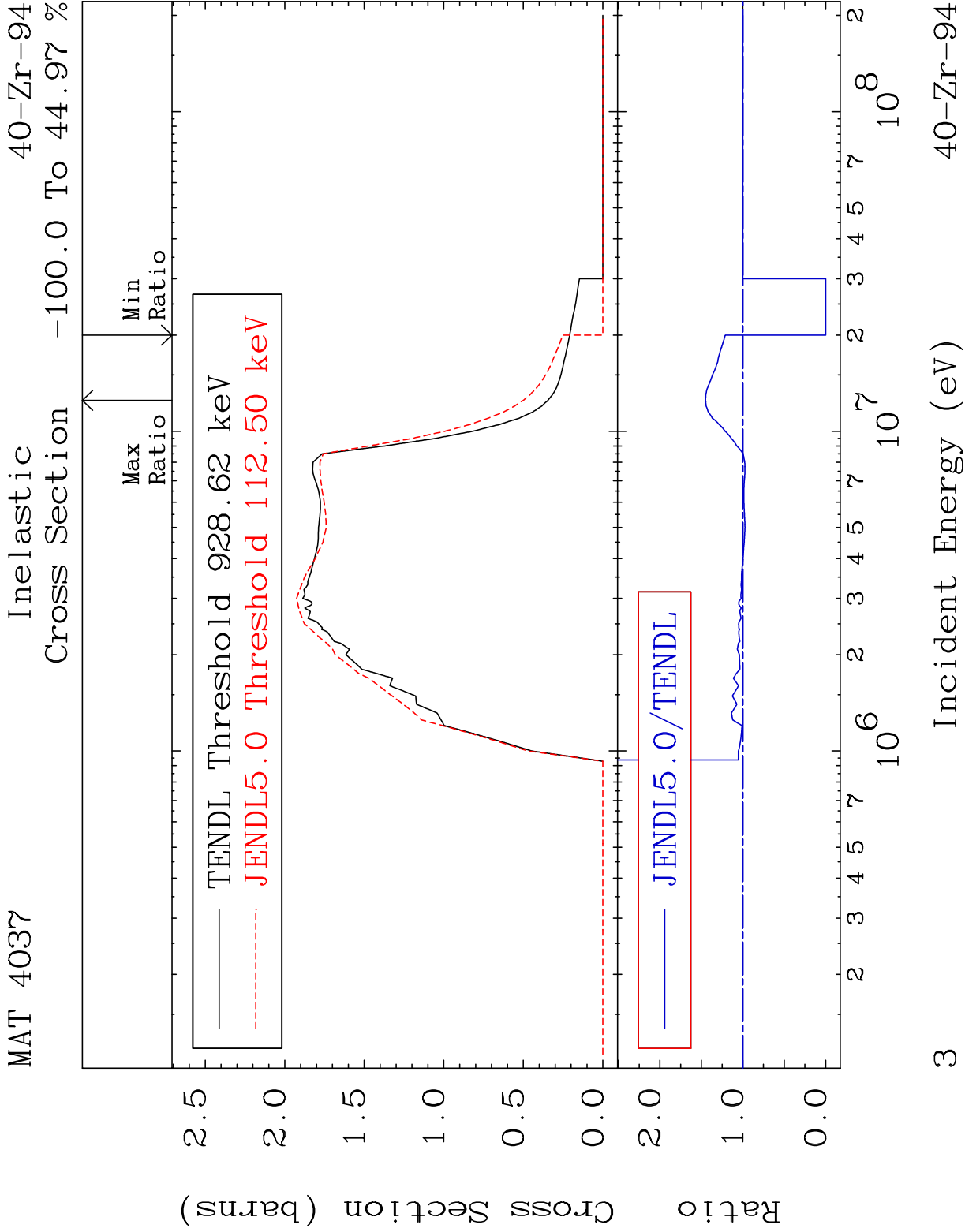
-99.57 To 9999. %



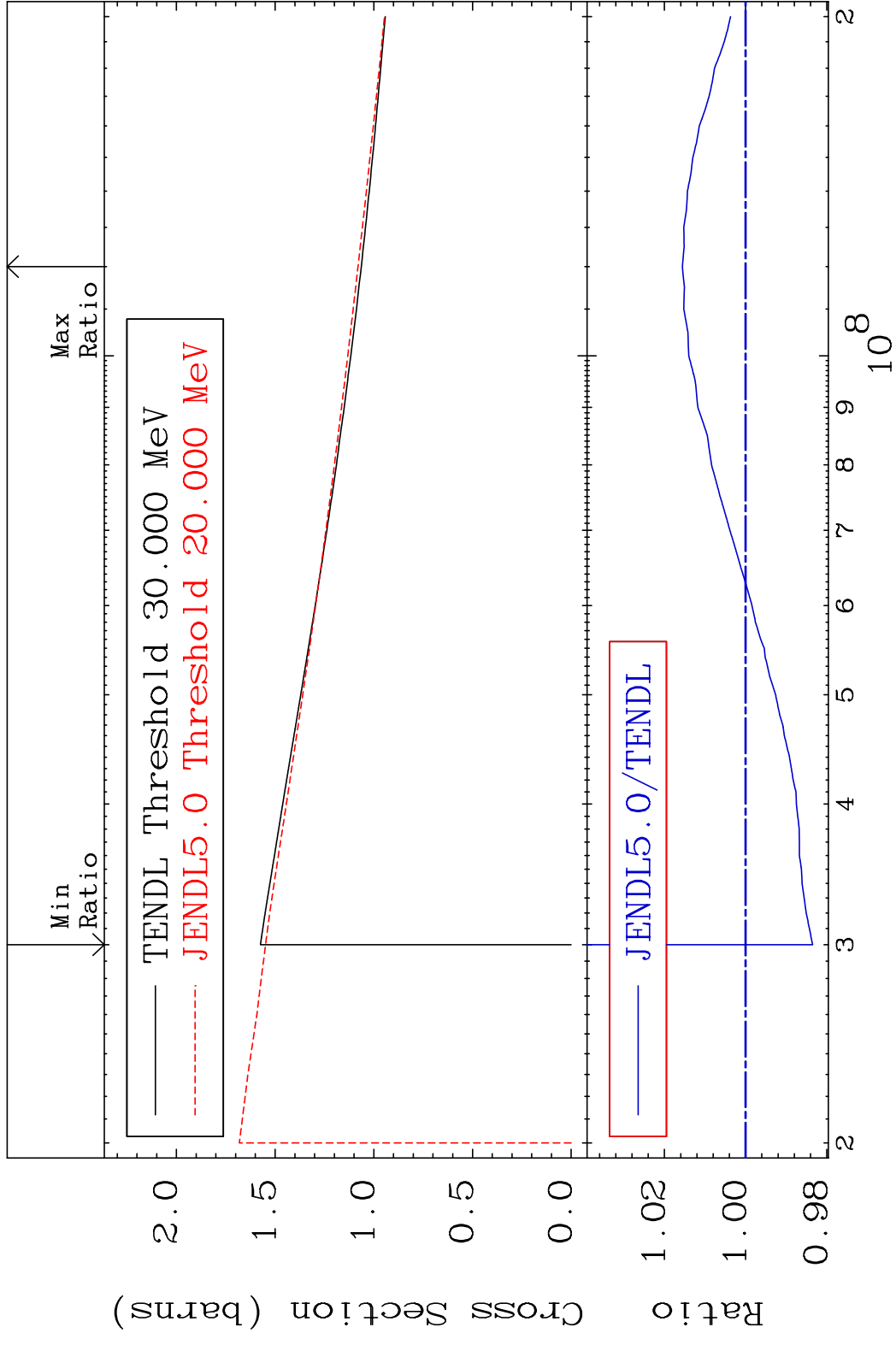
2

Incident Energy (eV)

40-Zr-94



MAT 4037 (n, remainder) 40-Zr-94
 Cross Section -1.650 To 1.559 %



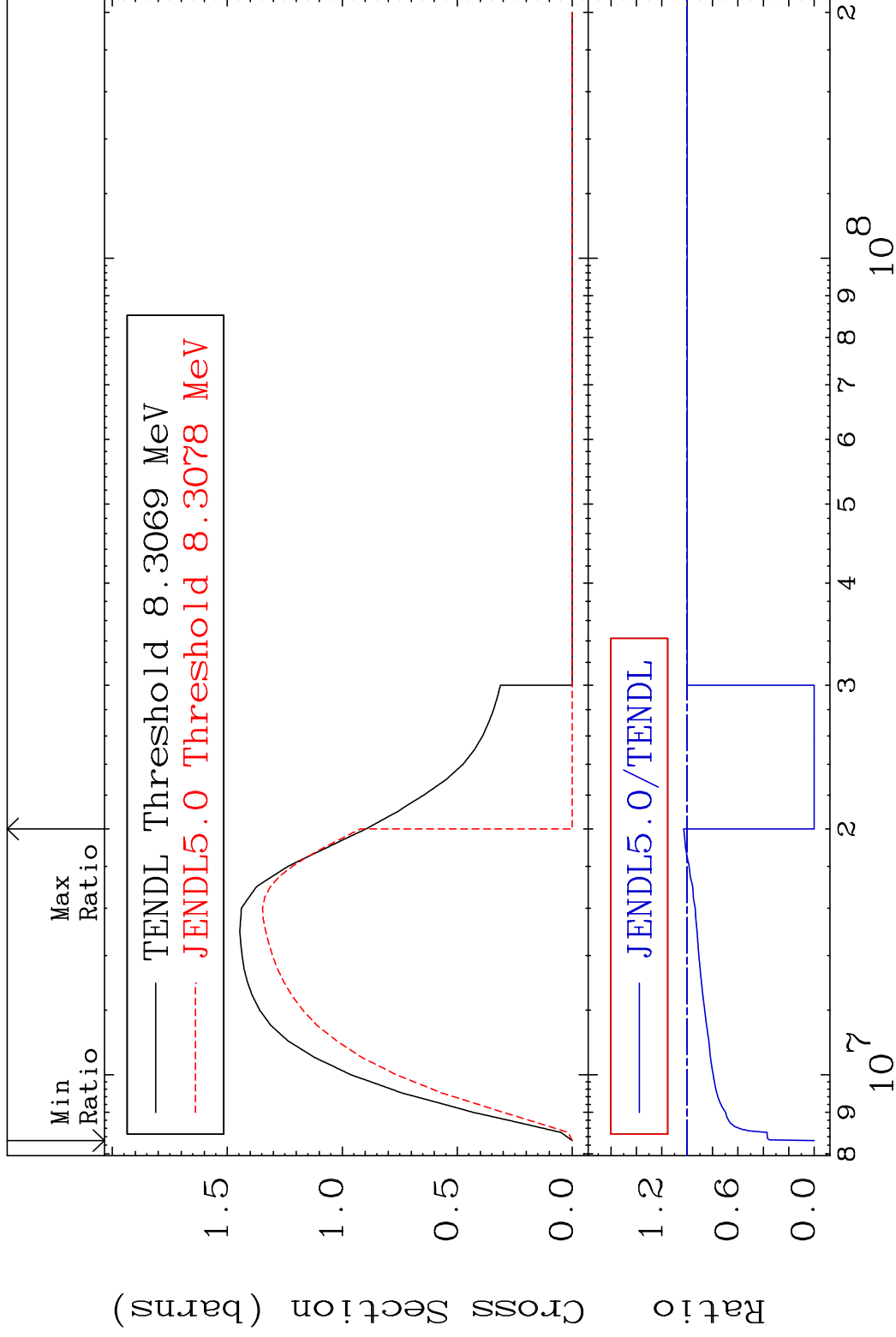
4 Incident Energy (eV) 40-Zr-94

MAT 4037

(n,2n)

40-Zr-94

Cross Section -100.0 To 2.746 %

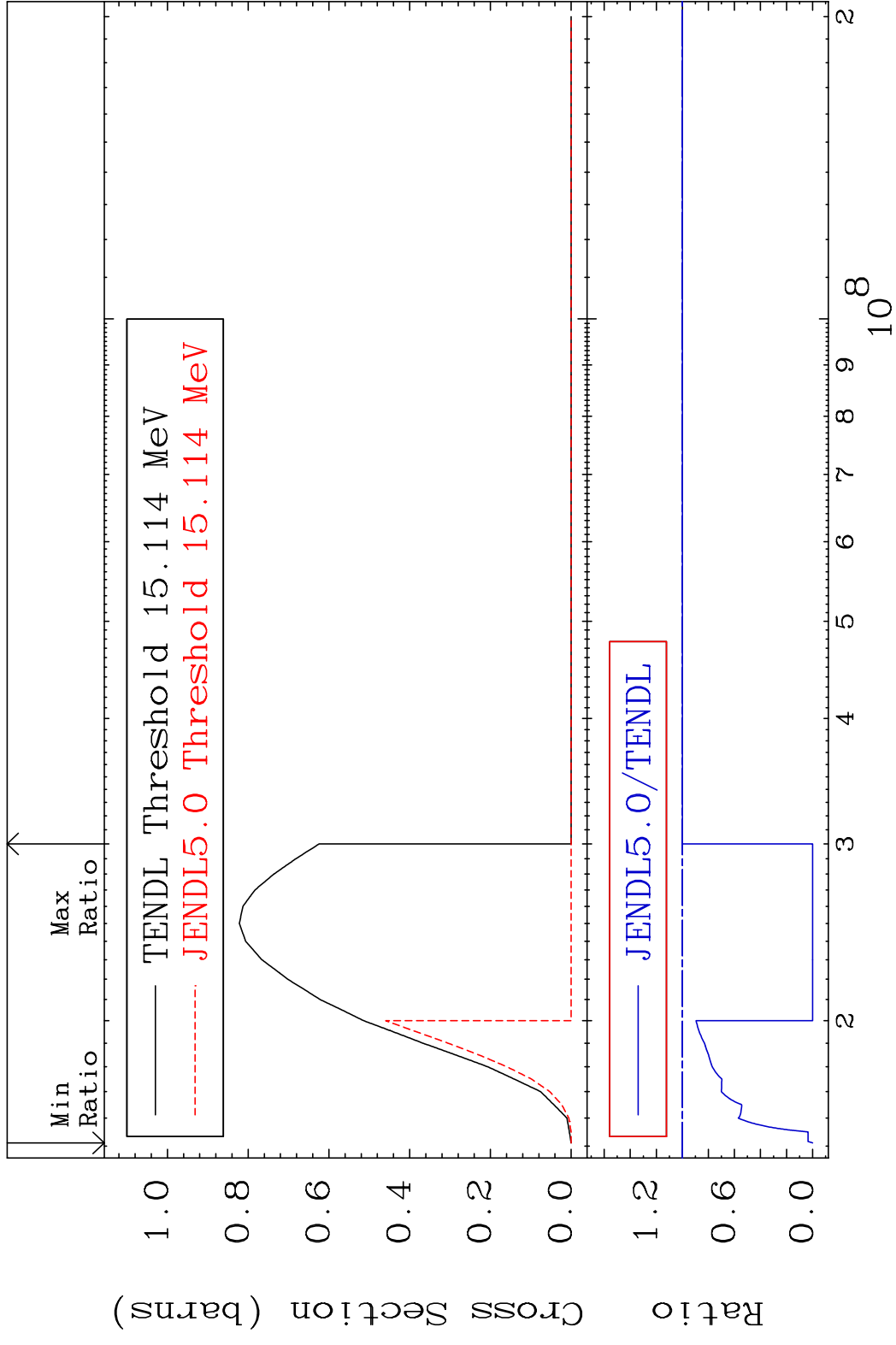


5

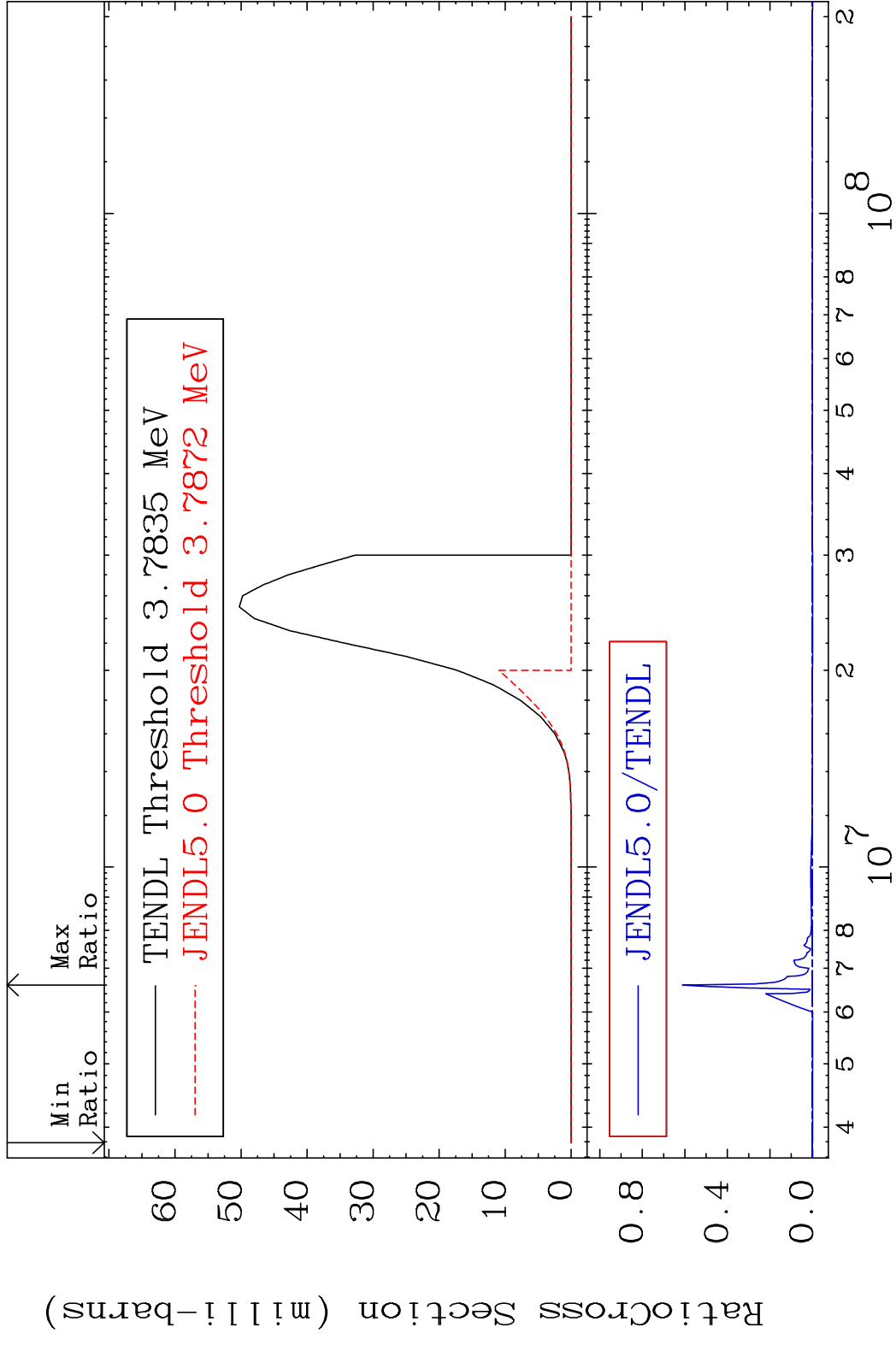
Incident Energy (eV)

40-Zr-94

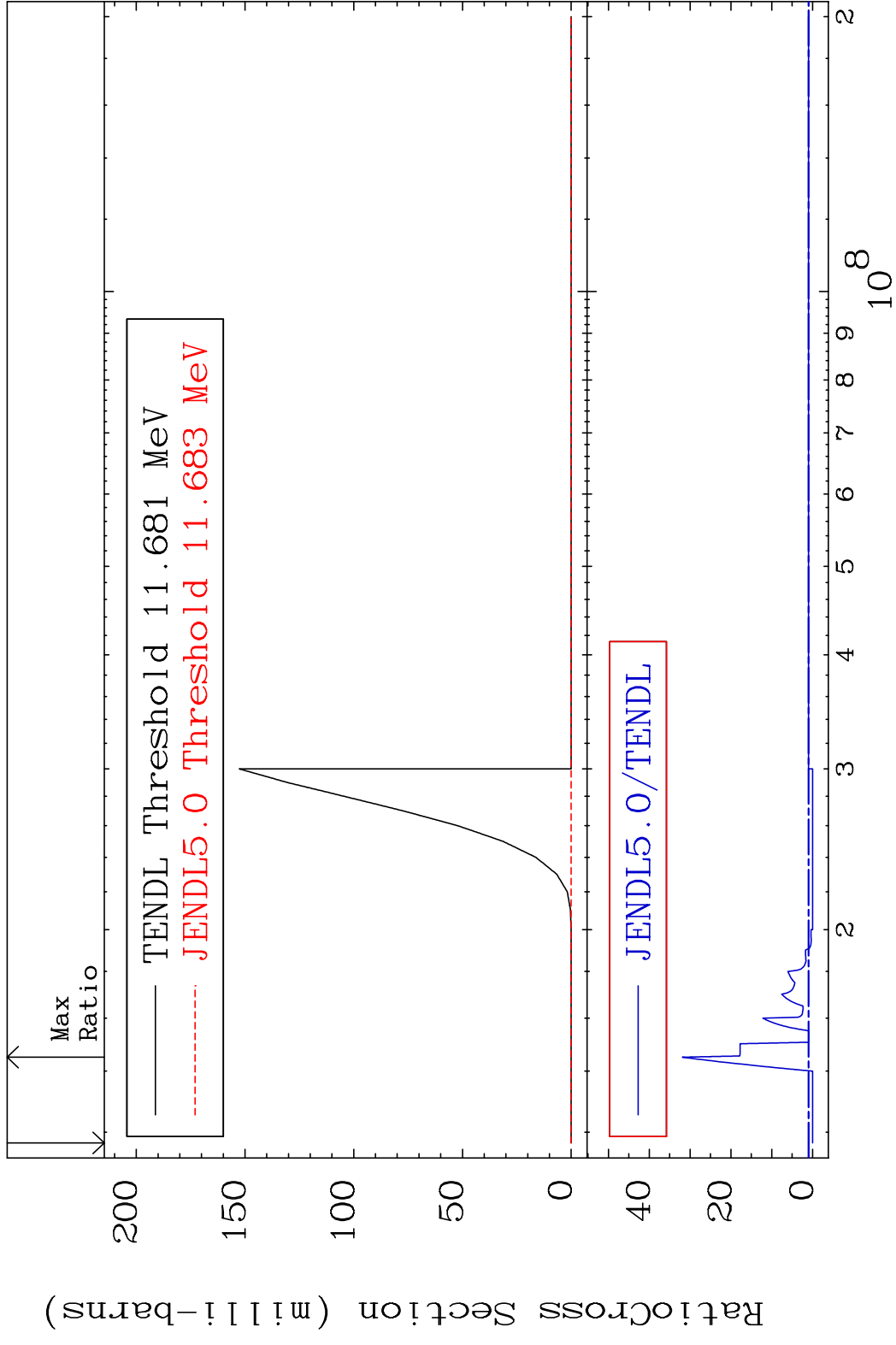
MAT 4037 (n,3n) 40-Zr-94
 Cross Section -100.0 To 0.000 %



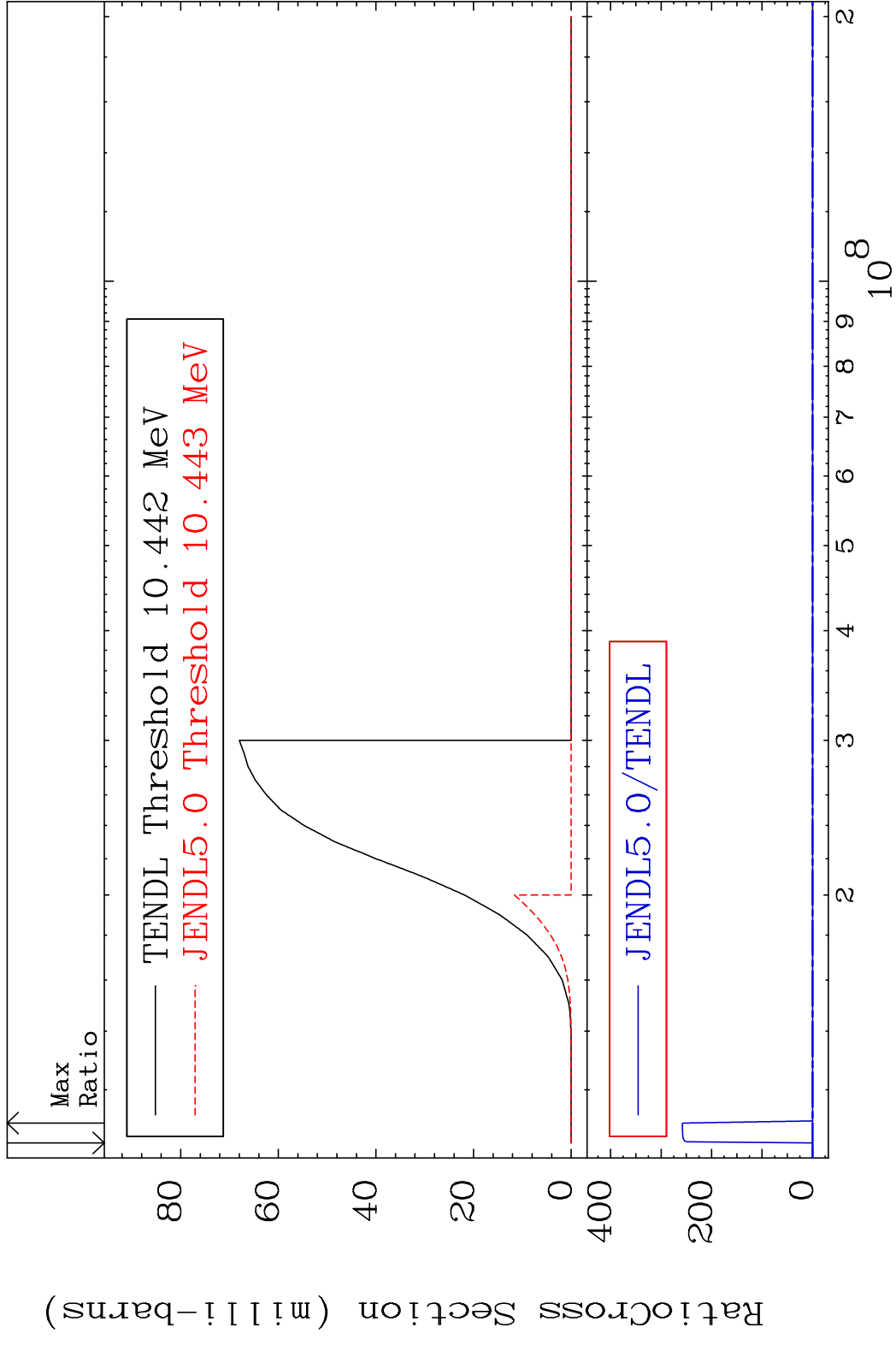
MAT 4037 (n, n') α 40-Zr-94
 Cross Section -100.0 To 9999. %



MAT 4037 (n,2n) α 40-Zr-94
 Cross Section -100.0 To 3089. %

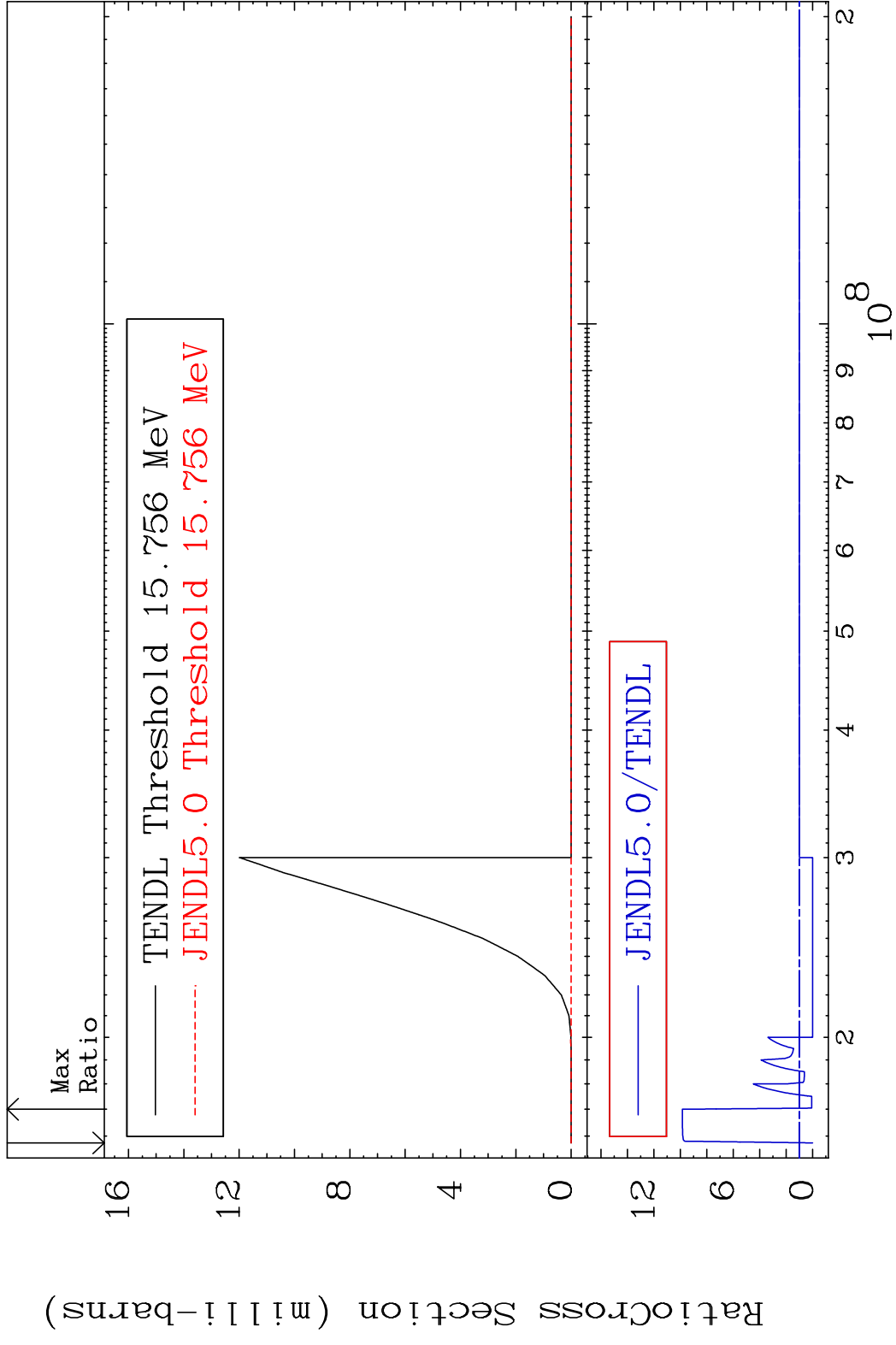


MAT 4037 (n, n') p 40-Zr-94
 Cross Section -100.0 To 9999. %



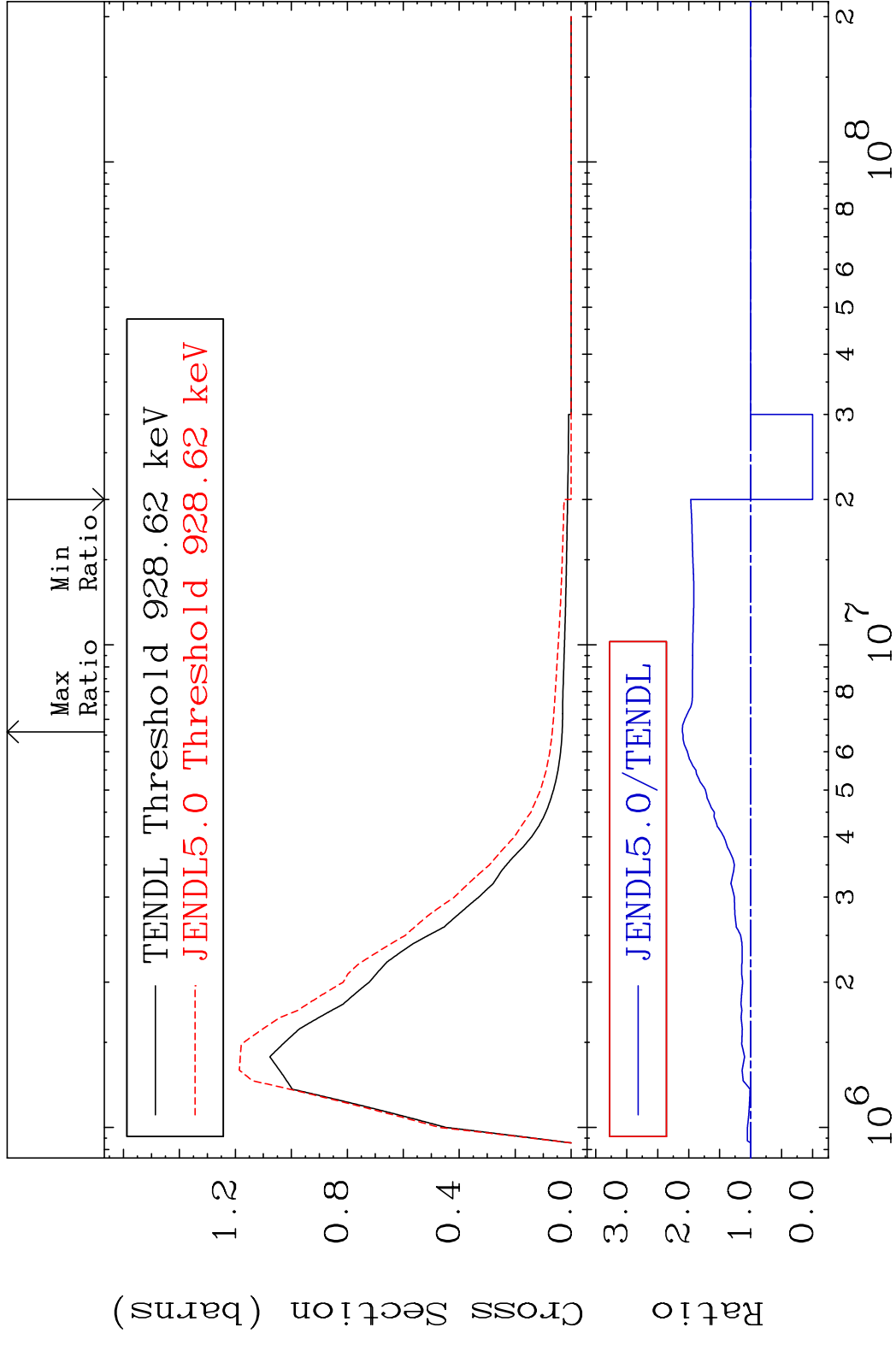
9 Incident Energy (eV) 40-Zr-94

MAT 4037 (n, n') d 40-Zr-94
 Cross Section -100.0 To 885.0 %



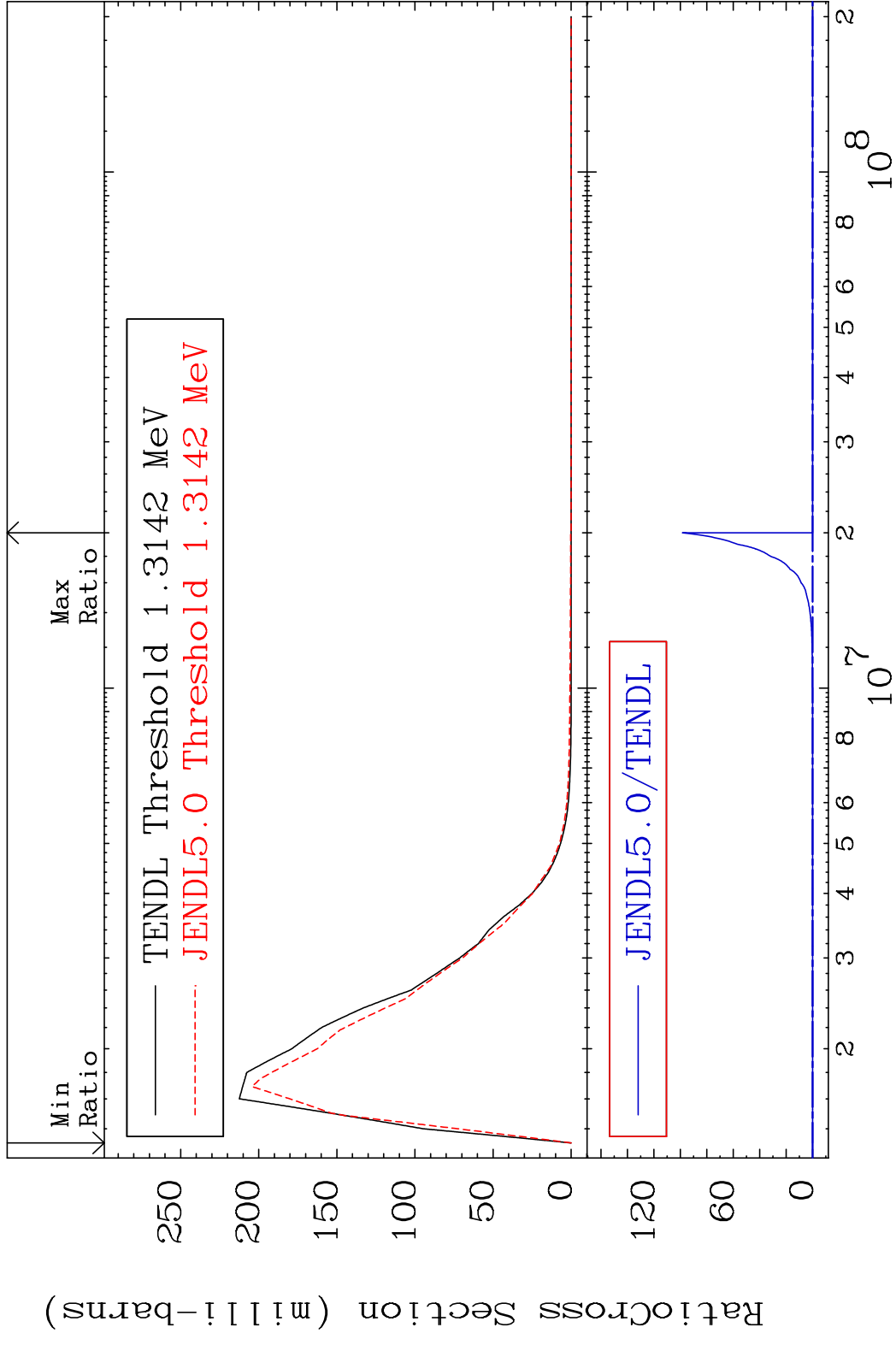
10 Incident Energy (eV) 40-Zr-94

MAT 4037 MT= 51 (n, n') Level 40-Zr-94
 Cross Section -100.0 To 110.3 %

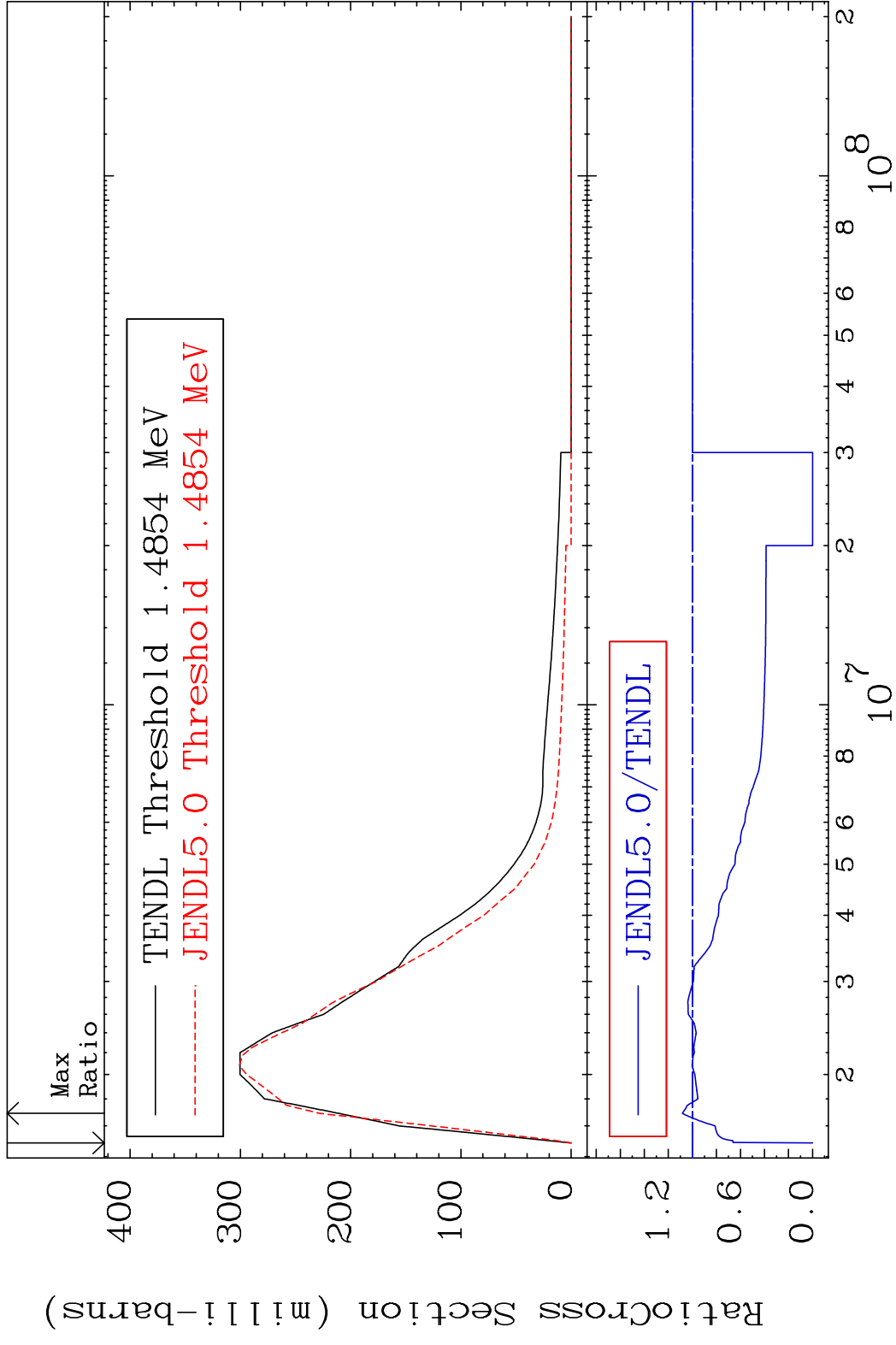


11 Incident Energy (eV) 40-Zr-94

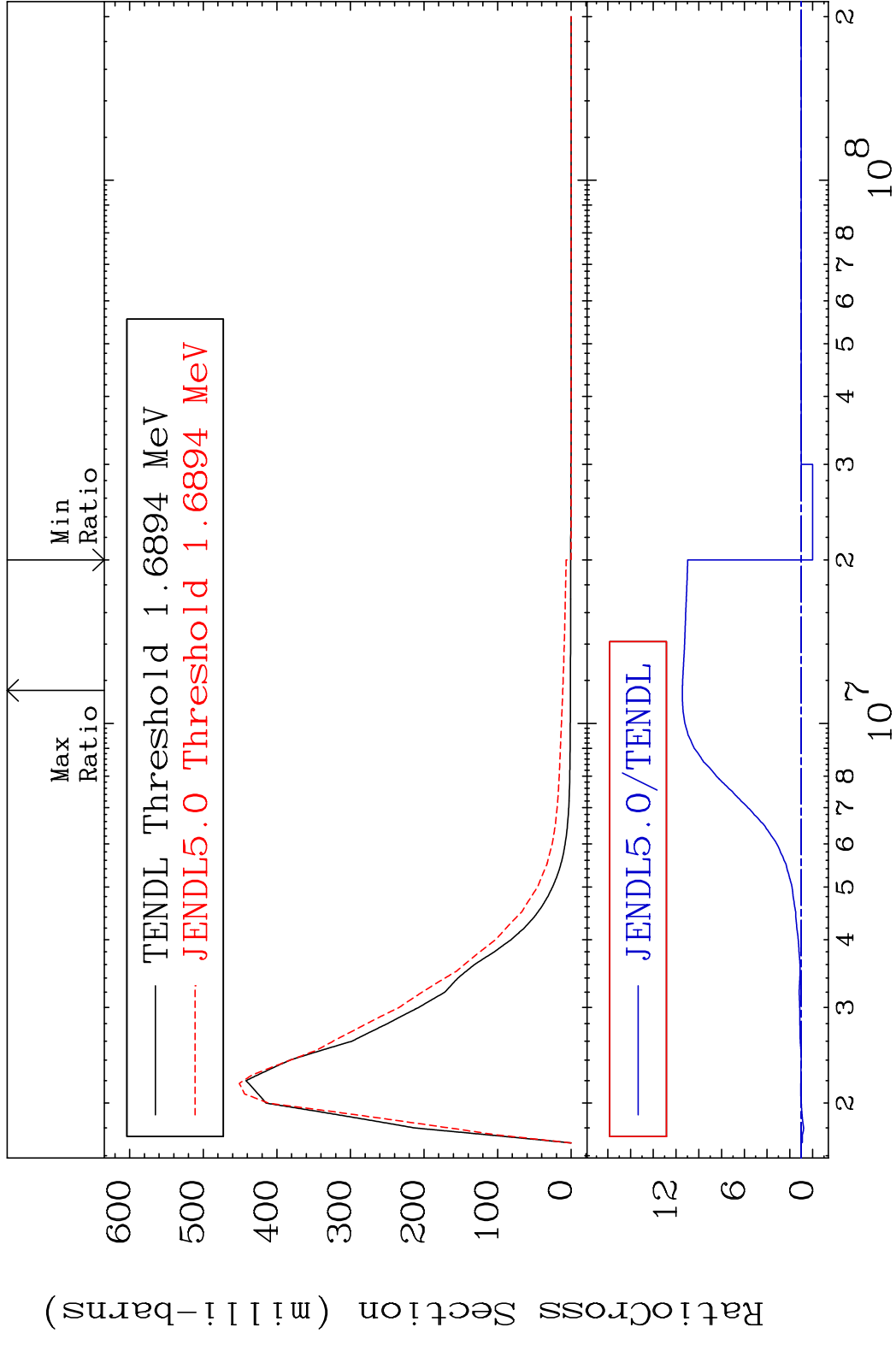
MAT 4037 MT= 52 (n, n') Level 40-Zr-94
 Cross Section -100.0 To 9999. %



MAT 4037 MT= 53 (n, n') Level 40-Zr-94
 Cross Section -100.0 To 8.353 %

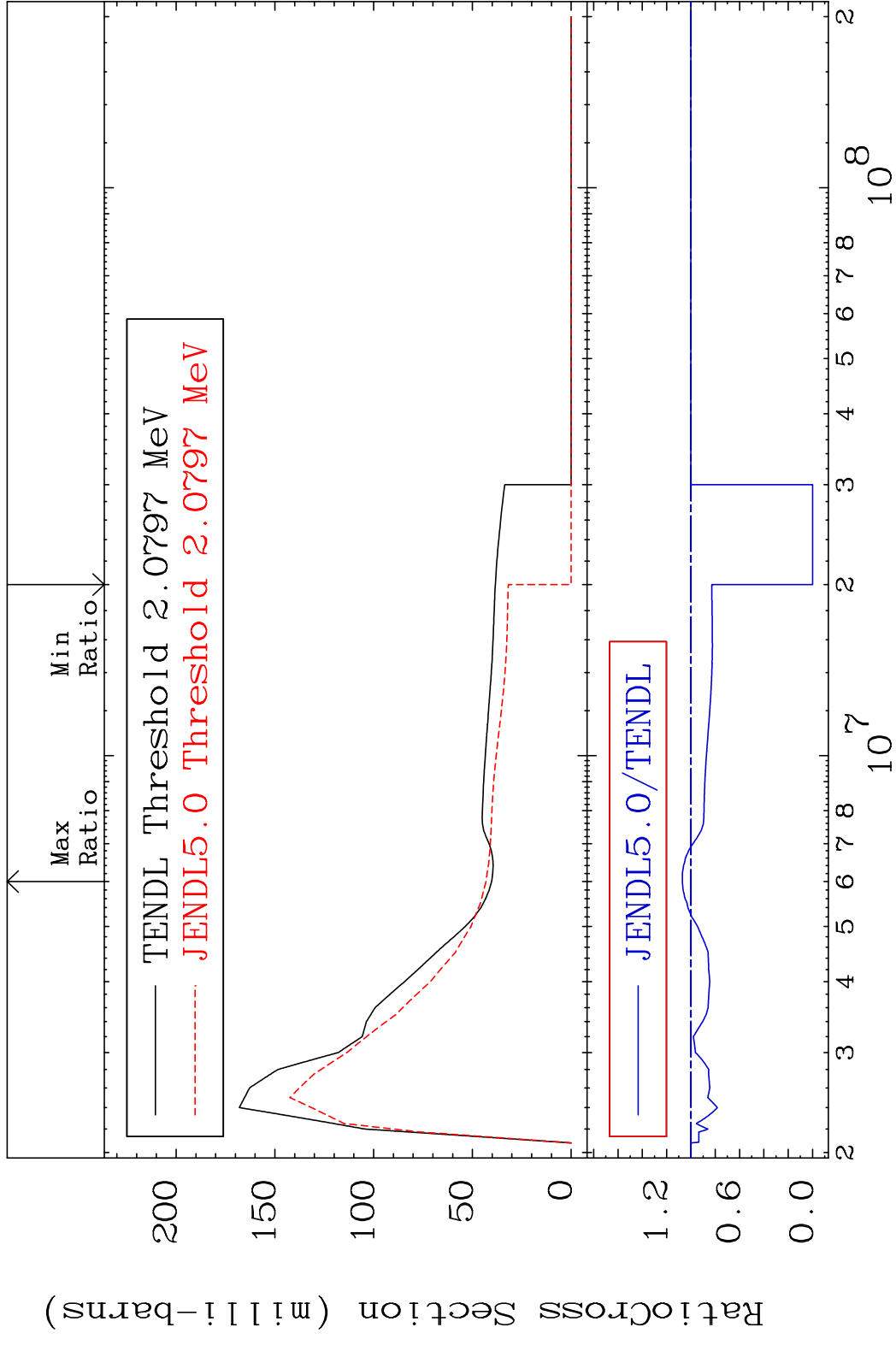


MAT 4037 MT= 54 (n, n') Level 40-Zr-94
 Cross Section -100.0 To 1045. %

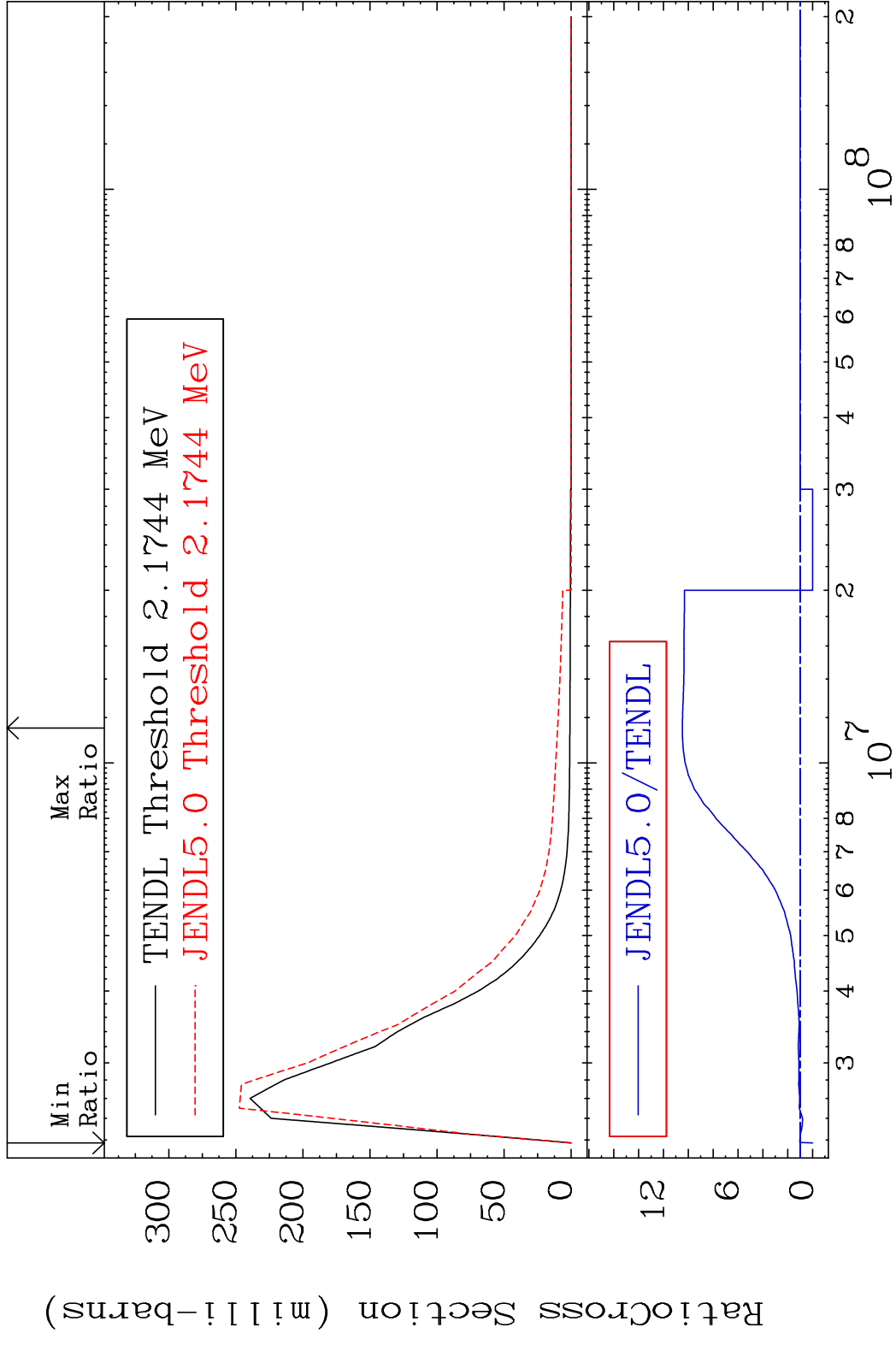


14 Incident Energy (eV) 40-Zr-94

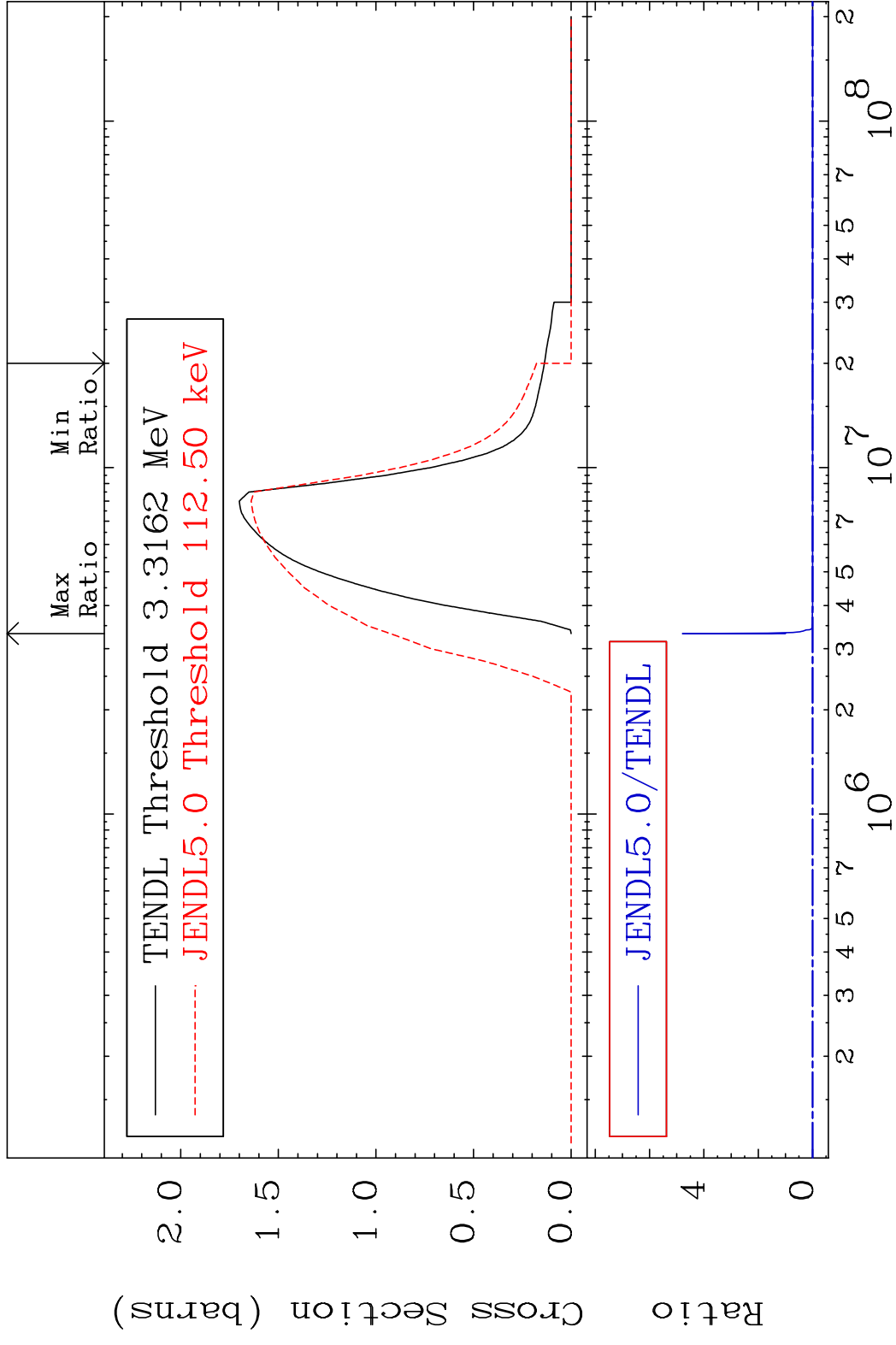
MAT 4037 MT= 55 (n, n') Level 40-Zr-94
 Cross Section -100.0 To 7.059 %



MAT 4037 MT= 56 (n, n') Level 40-Zr-94
 Cross Section -100.0 To 947.9 %



MAT 4037 (n,n') Continuum 40-Zr-94
 Cross Section -100.0 To 9999. %

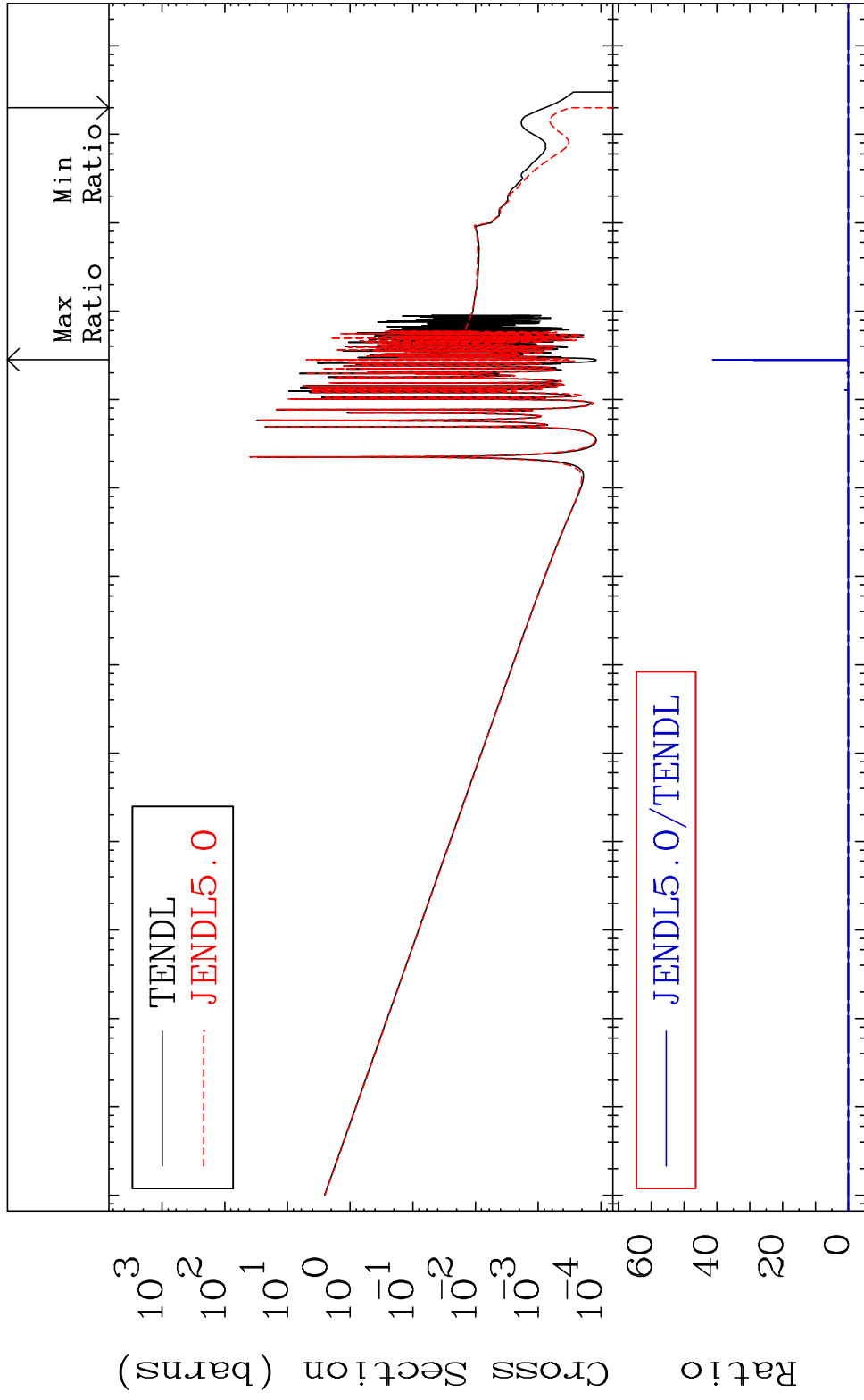


MAT 4037

(n, γ)

40-Zr-94

Cross Section -100.0 To 9999. %

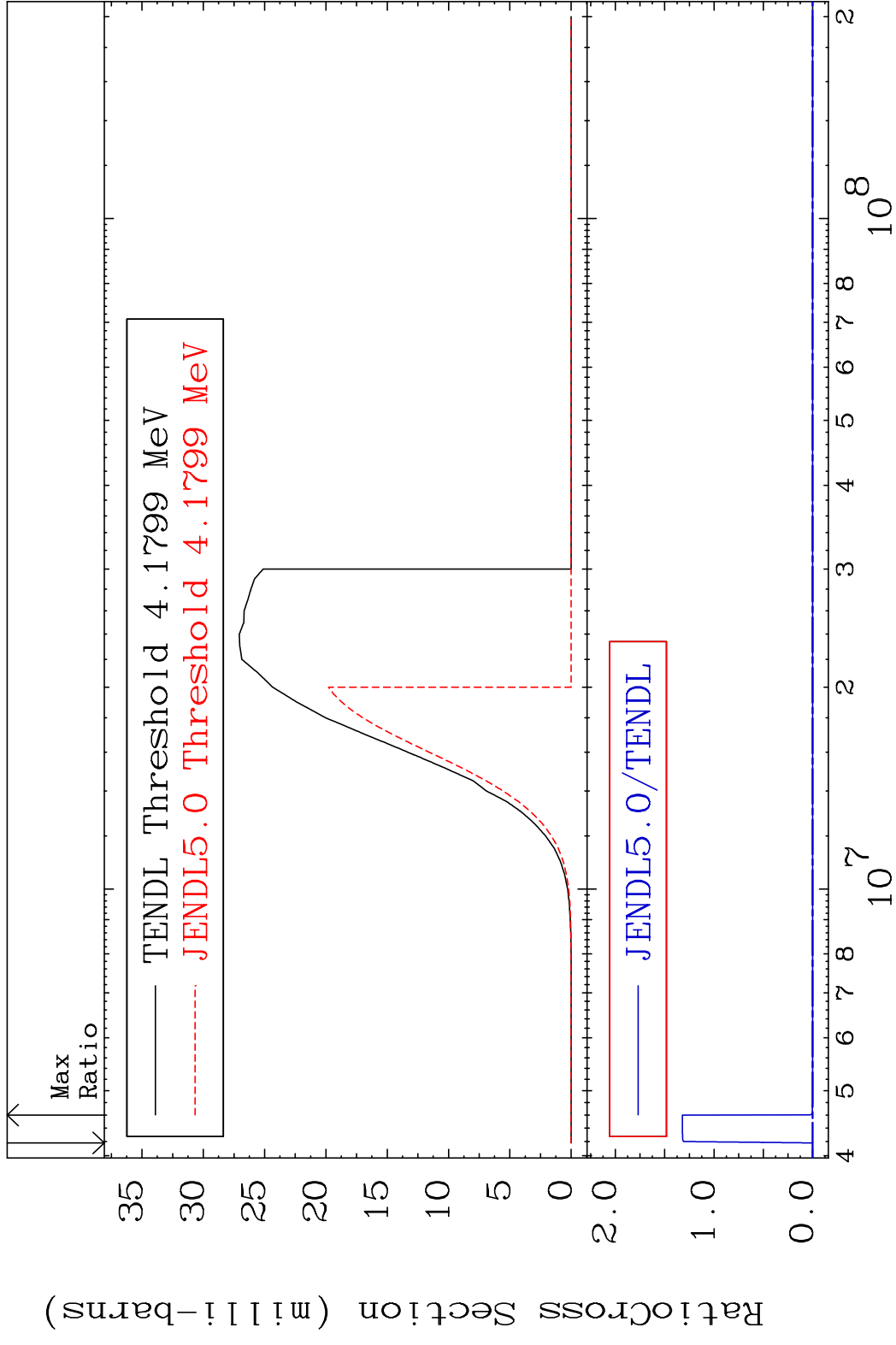


18

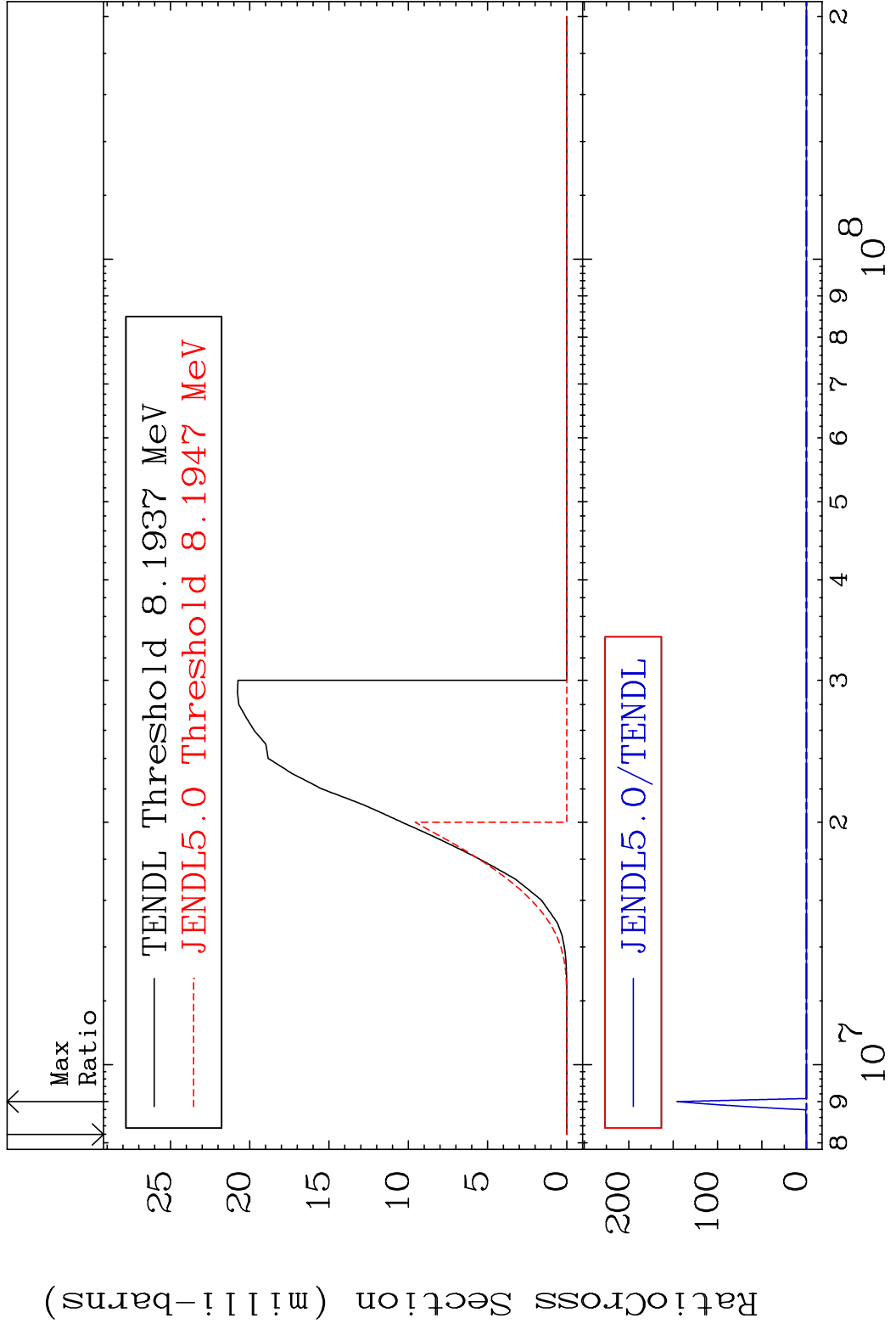
Incident Energy (eV)

40-Zr-94

MAT 4037 (n,p) 40-Zr-94
 Cross Section -100.0 To 9999. %

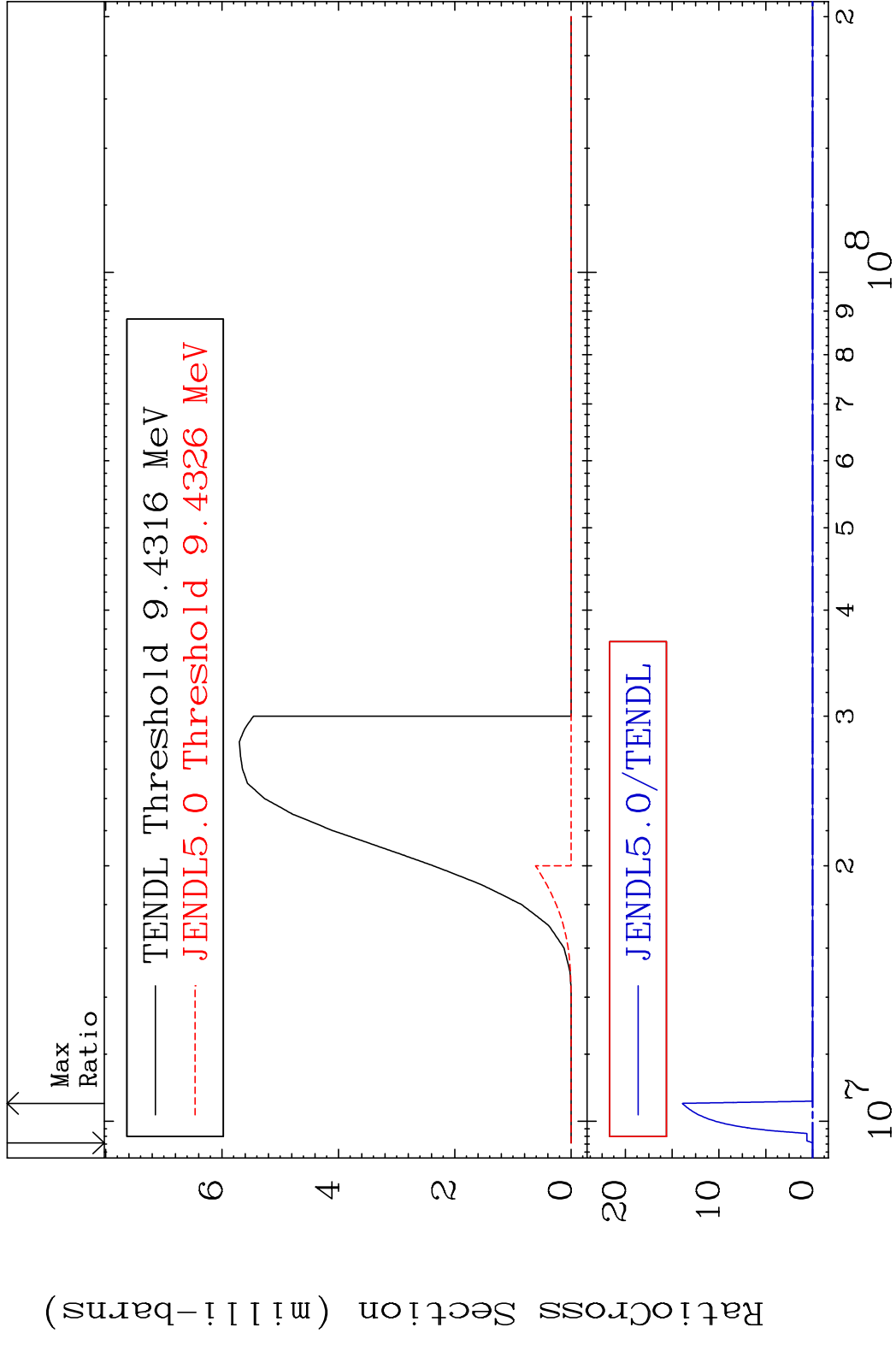


MAT 4037 (n,d) 40-Zr-94
 Cross Section -100.0 To 9999. %

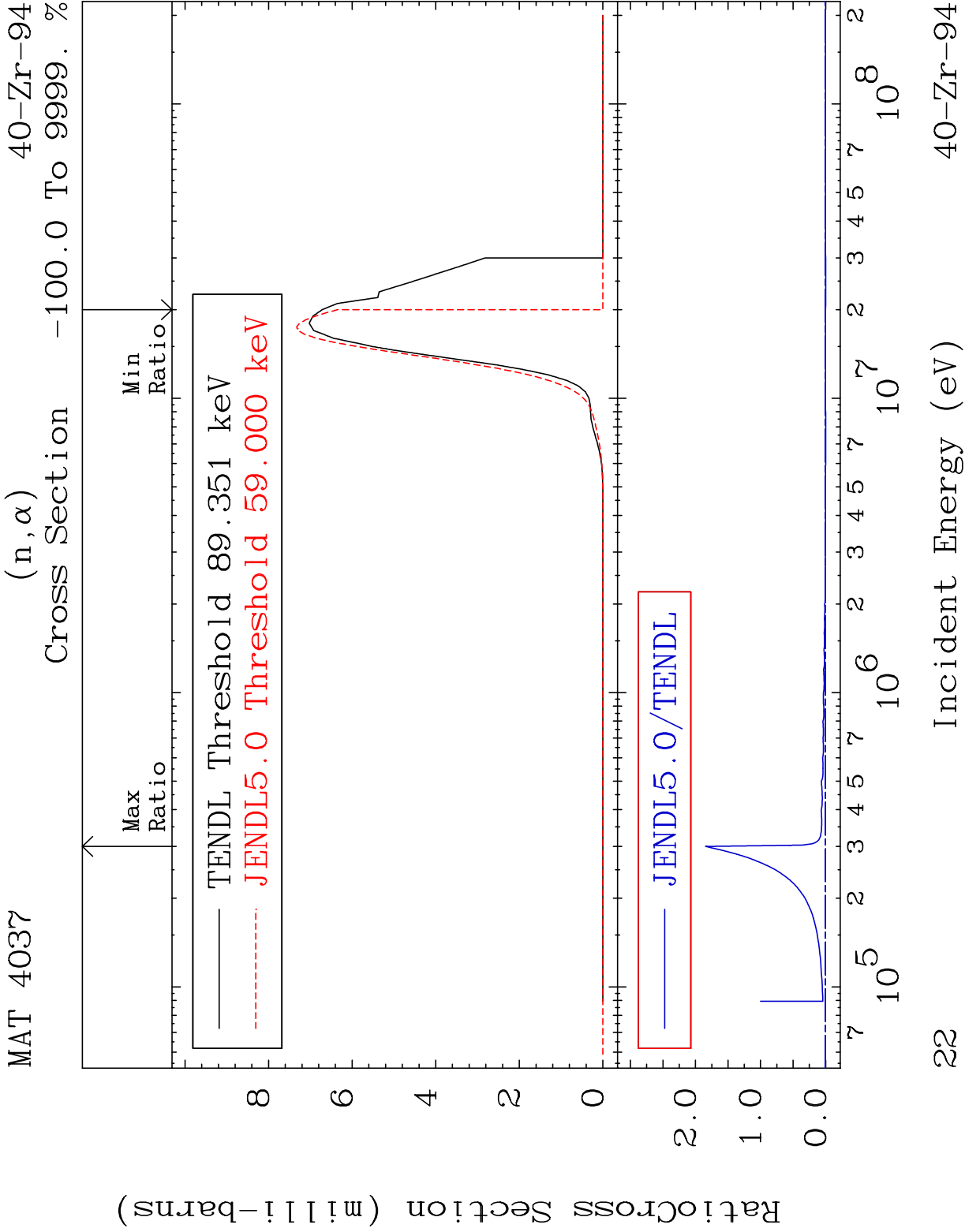


20 100 200 0 25 20 15 10 5 0 0 100 200 0 8 9 7 10 2 3 4 5 6 7 8 9 10 8 20

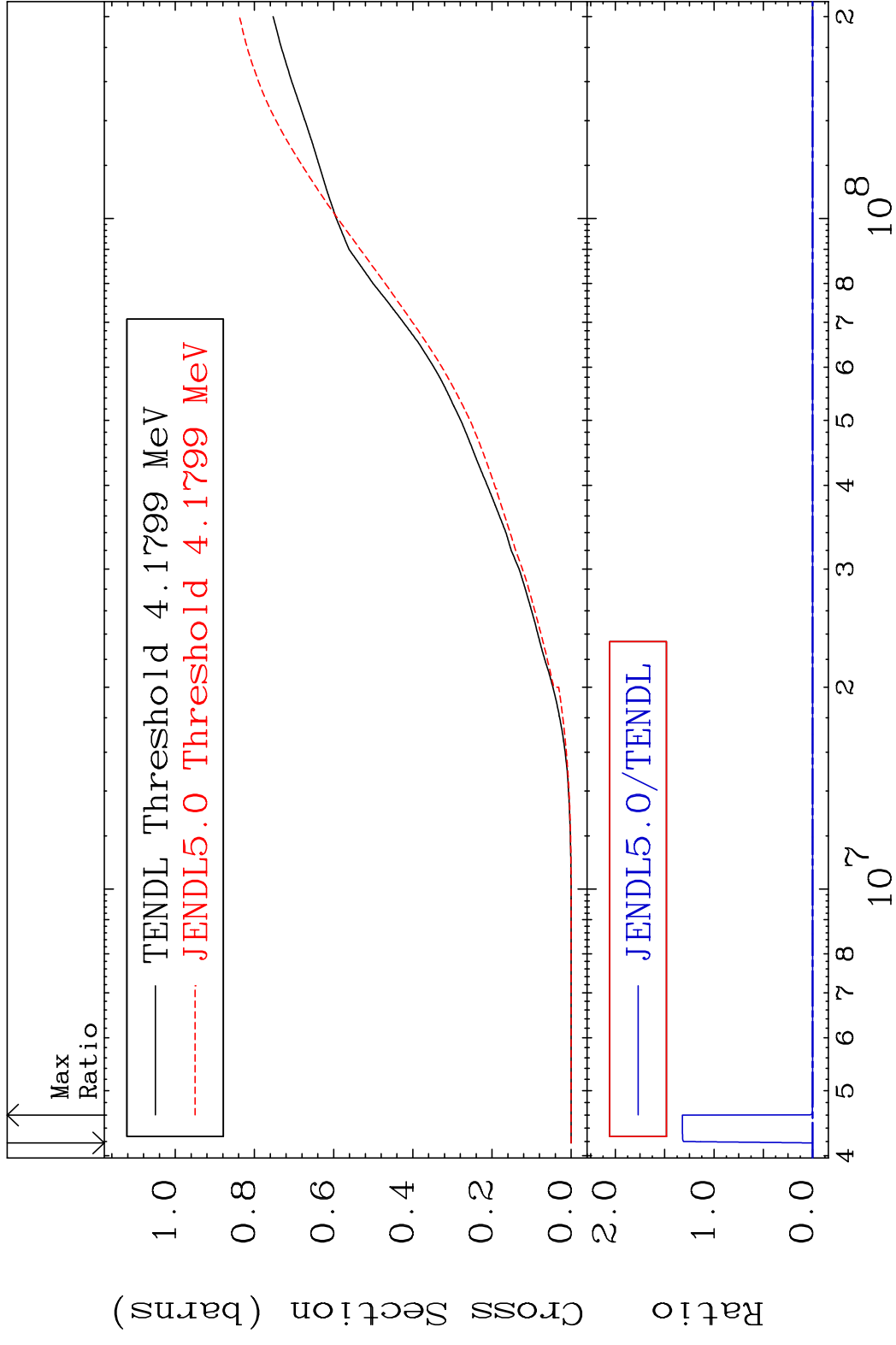
MAT 4037 (n, t) 40-Zr-94
 Cross Section -100.0 To 9999. %



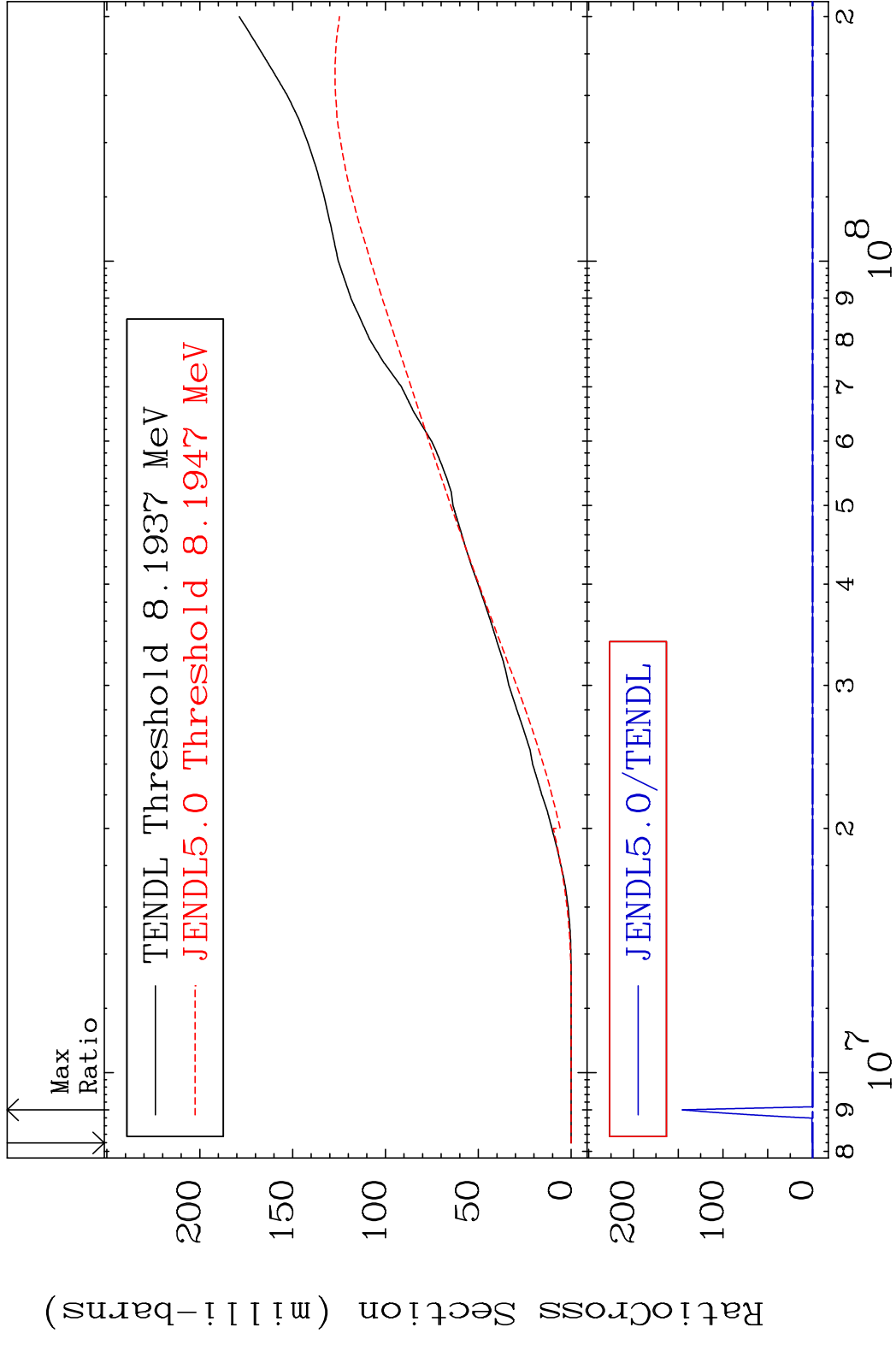
21 40-Zr-94



MAT 4037 Hydrogen Production 40-Zr-94
 Cross Section -100.0 To 9999. %

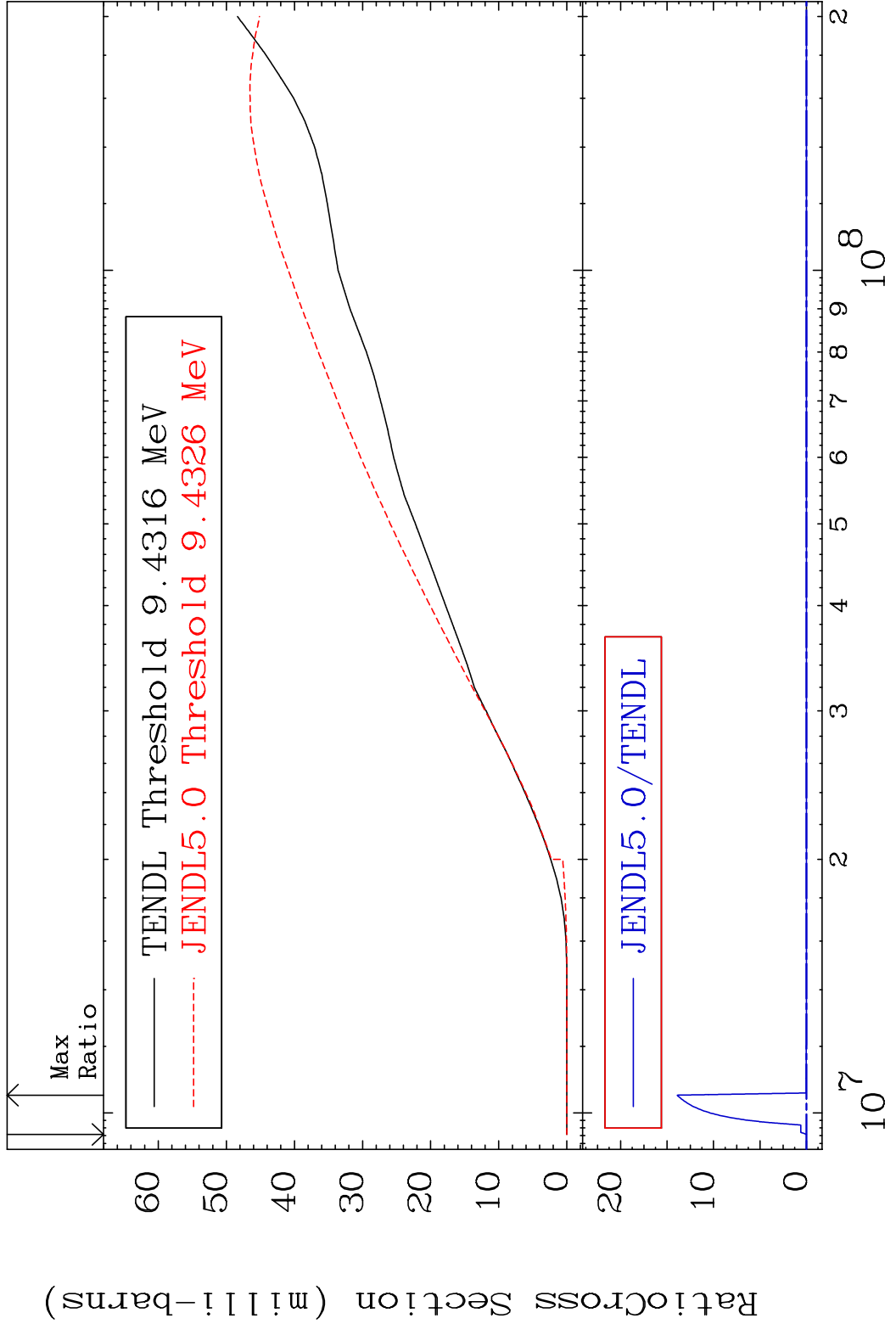


MAT 4037 Deuterium Production 40-Zr-94
 Cross Section -100.0 To 9999. %



24 40-Zr-94

MAT 4037 Tritium Production 40-Zr-94
 Cross Section -100.0 To 9999. %



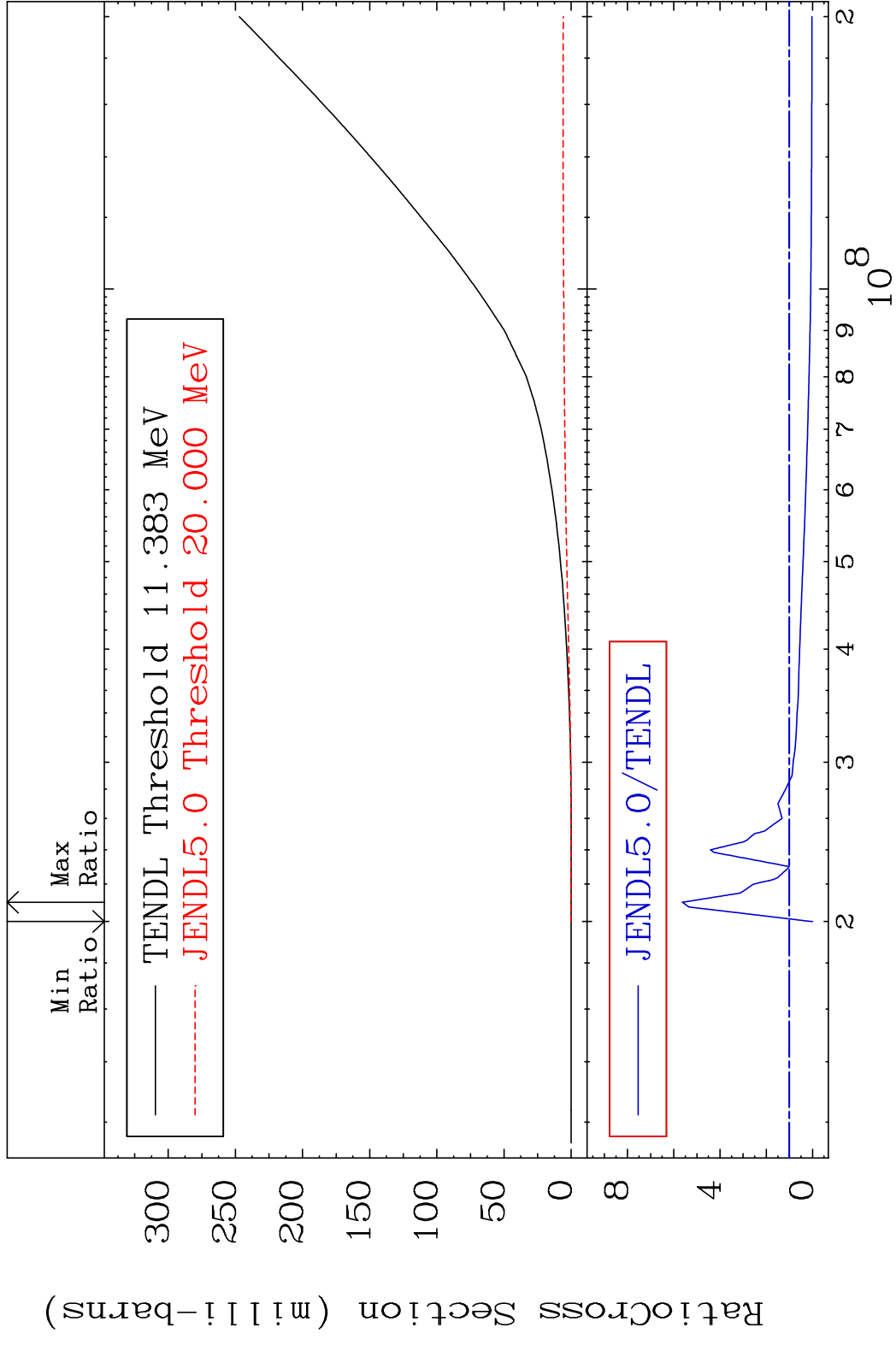
25 40-Zr-94

MAT 4037

He-3 Production

40-Zr-94

Cross Section -100.0 To 462.9 %

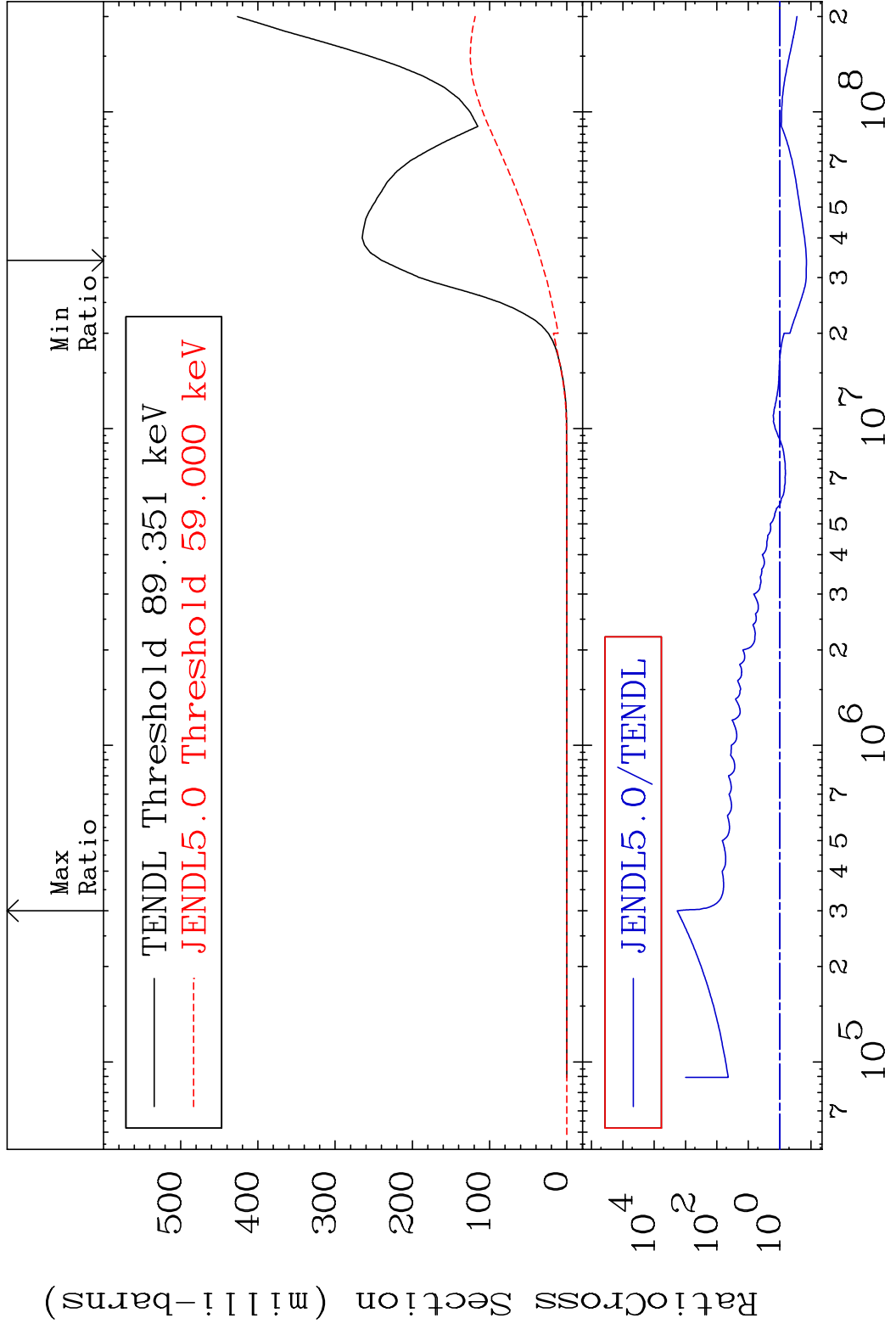


MAT 4037

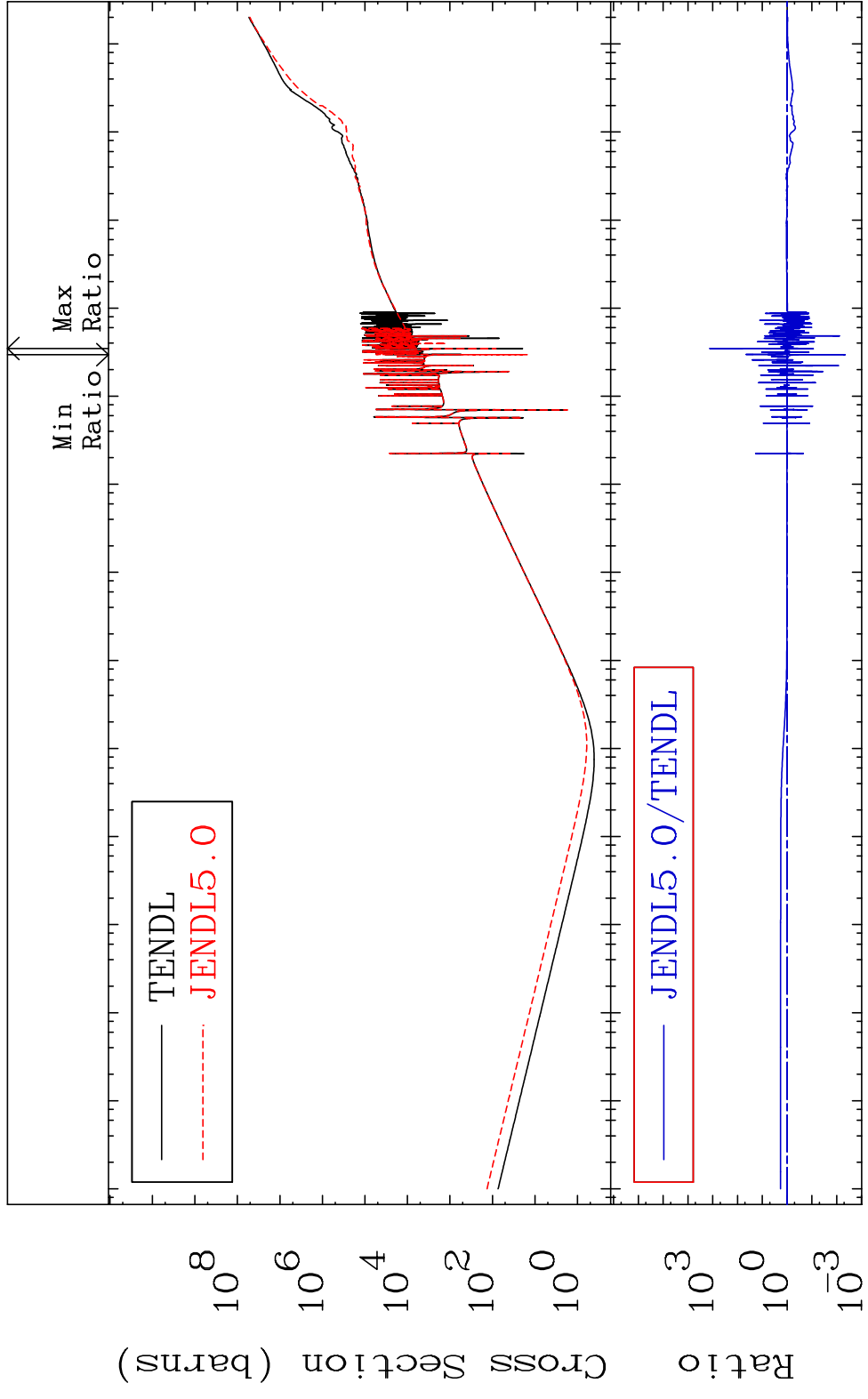
He-4 Production

40-Zr-94

Cross Section -85.98 To 9999. %



MAT 4037 Kerma total (eV-barns) 40-Zr-94
 Cross Section -99.55 To 9999. %

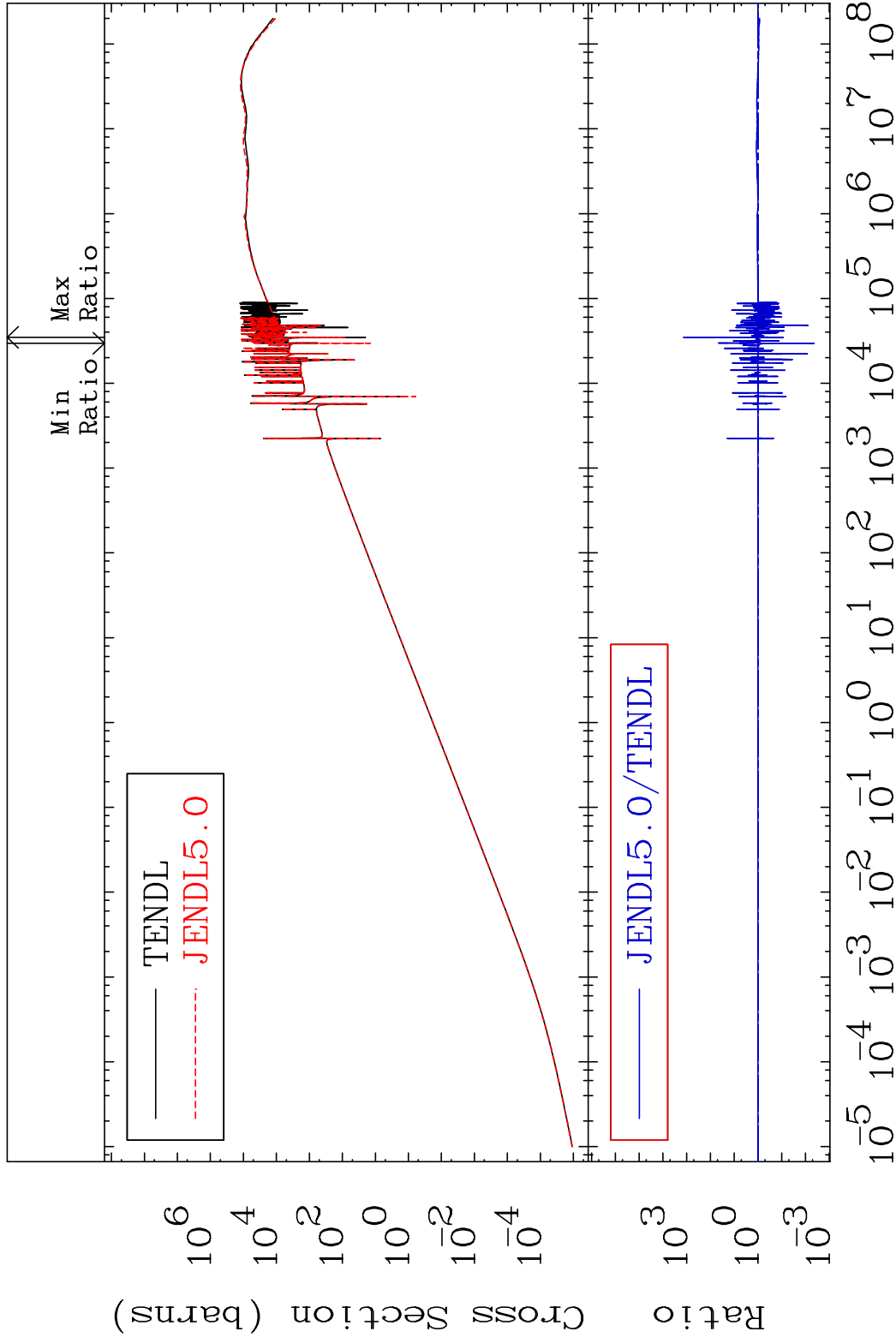


MAT 4037

Kerma elastic

40-Zr-94

Cross Section -99.57 To 9999. %

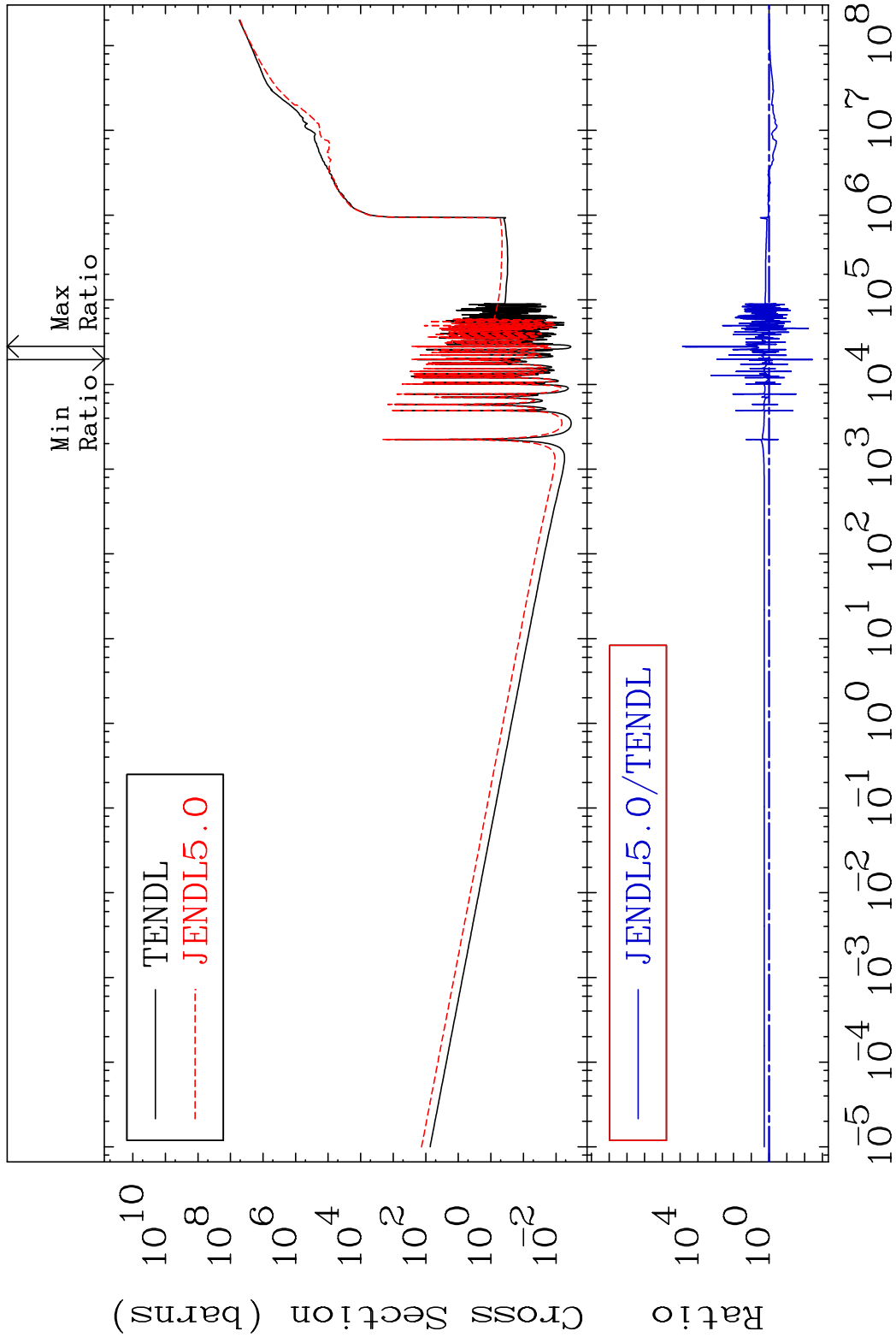


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Incident Energy (eV)

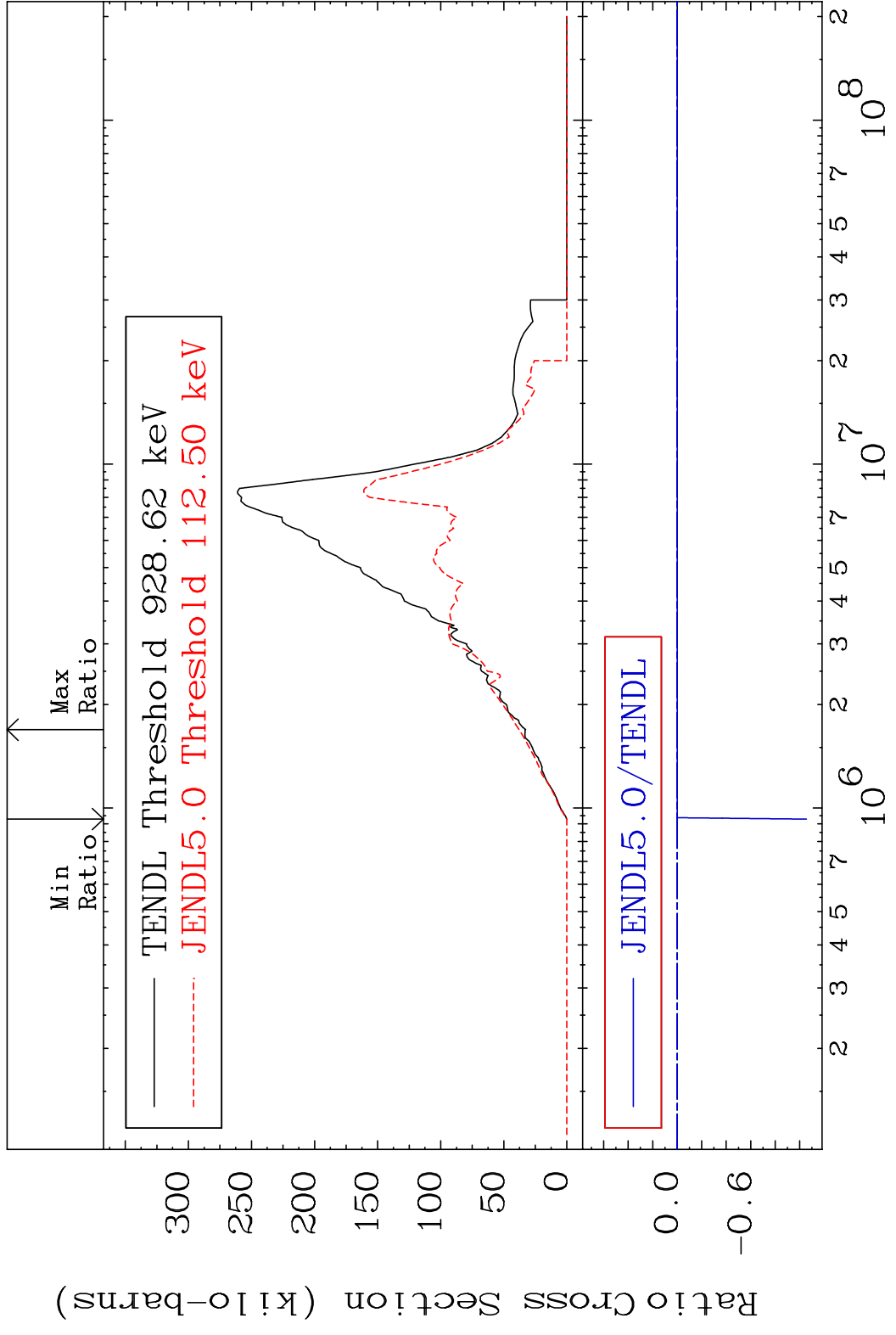
40-Zr-94

MAT 4037 Kerma non-elastic (all but mt2) 40-Zr-94
 Cross Section -99.65 To 9999. %

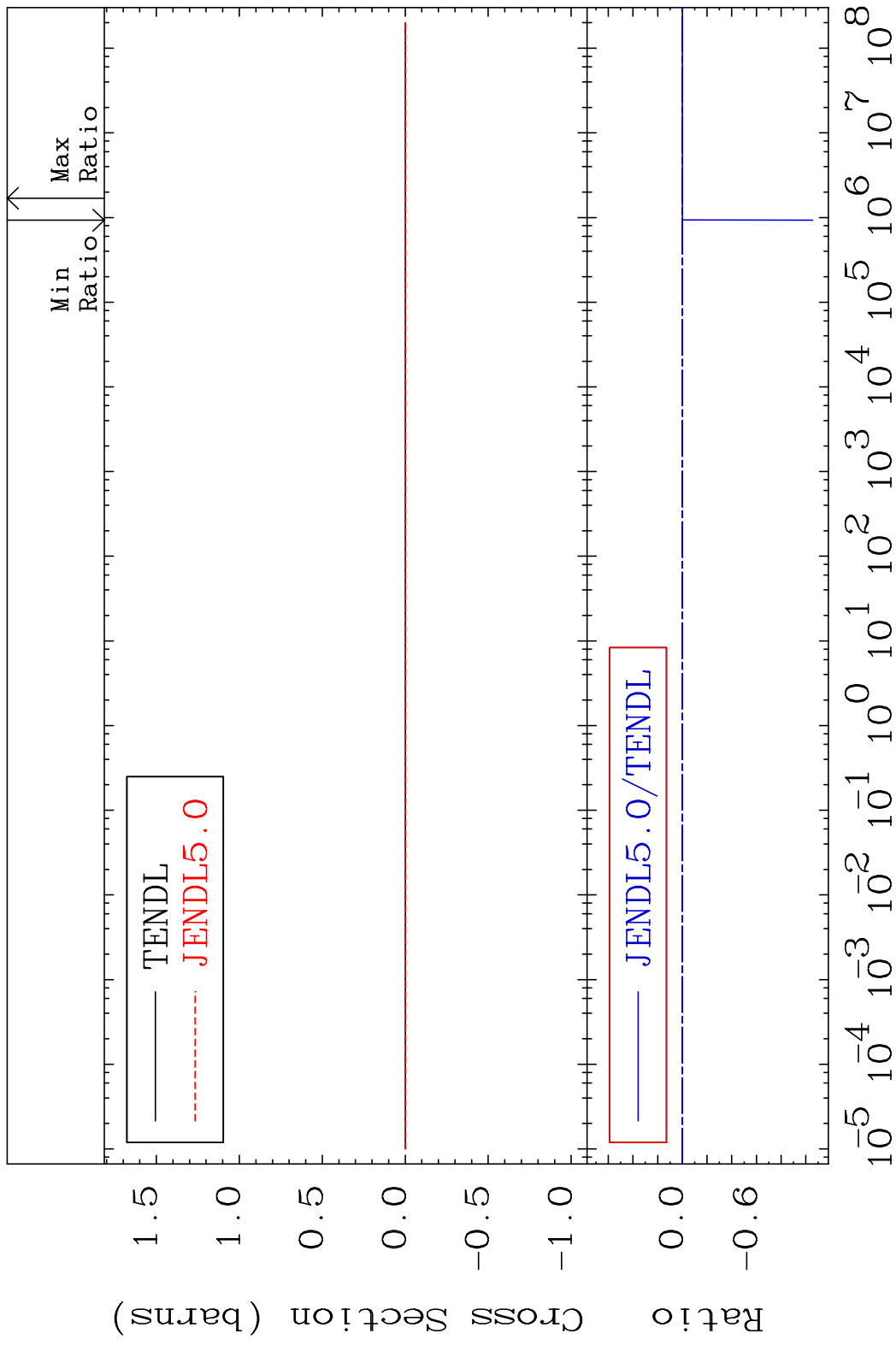


30 Incident Energy (eV) 40-Zr-94

MAT 4037 Kerma inelastic (mt51-91) 40-Zr-94
 Cross Section -9999. To 15.41 %

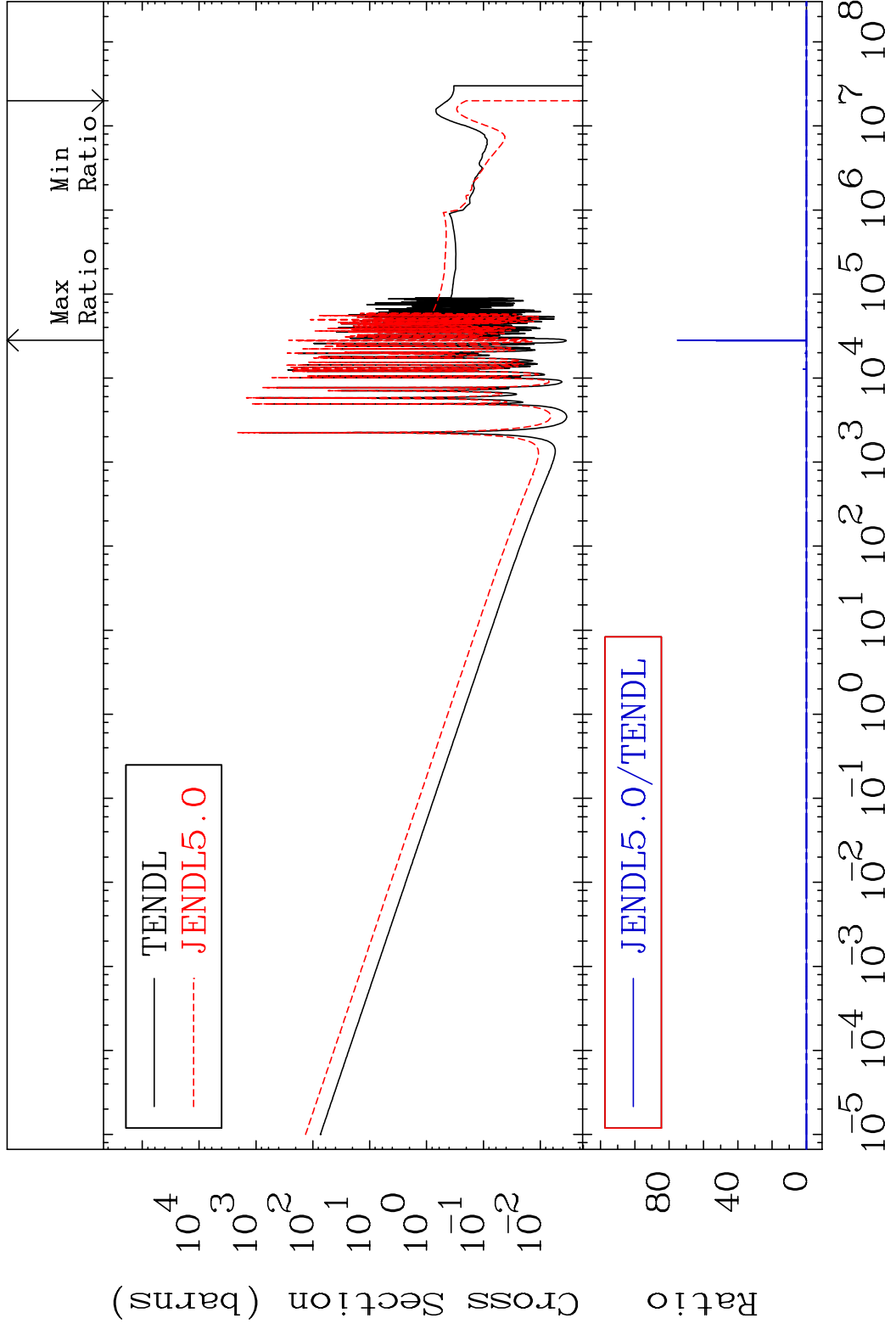


MAT 4037 Kerma fission (mt18 or mt19-20-21-38) 40-Zr-94
 Cross Section -9999. To 15.41 %



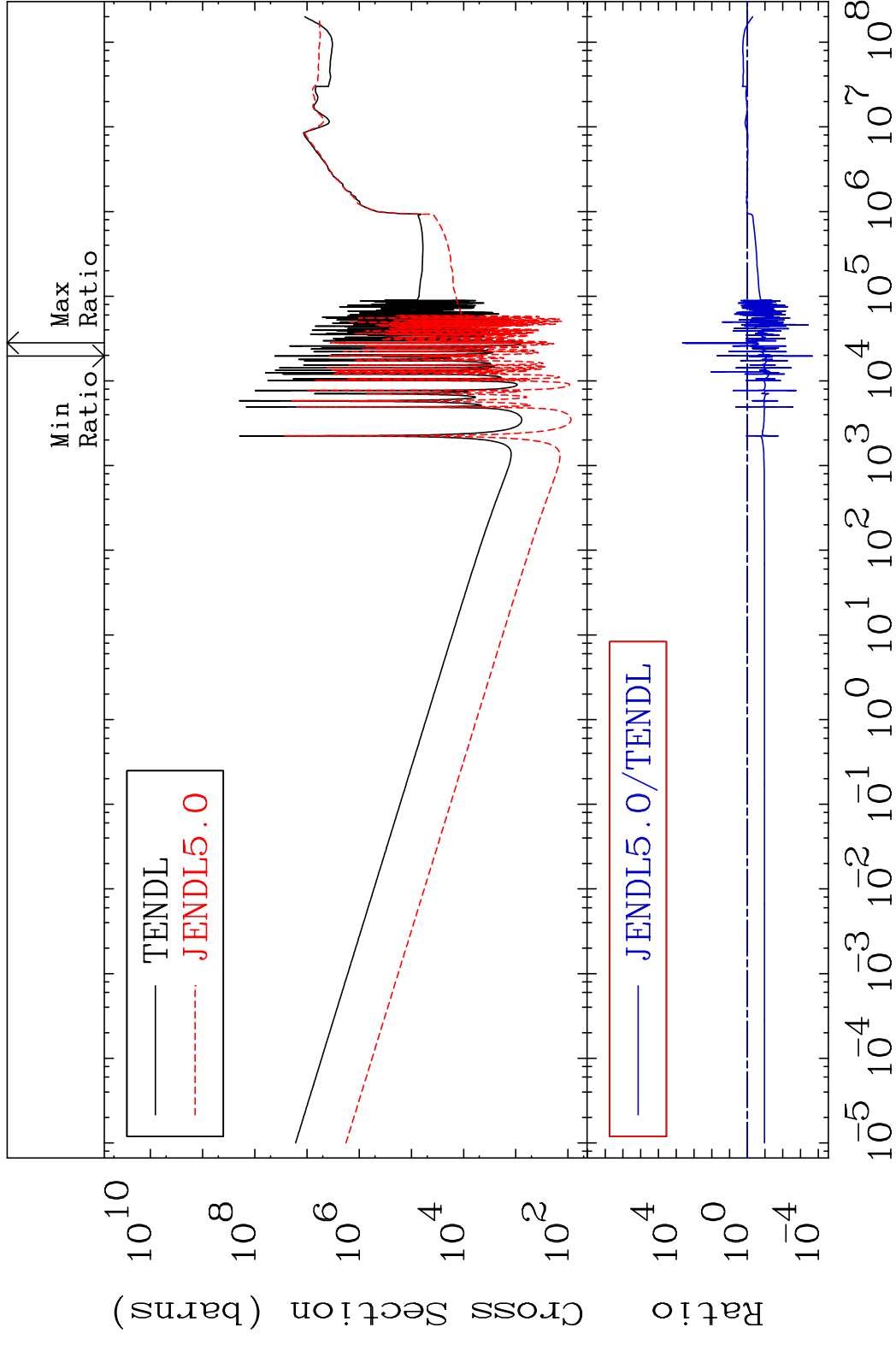
MAT 4037

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



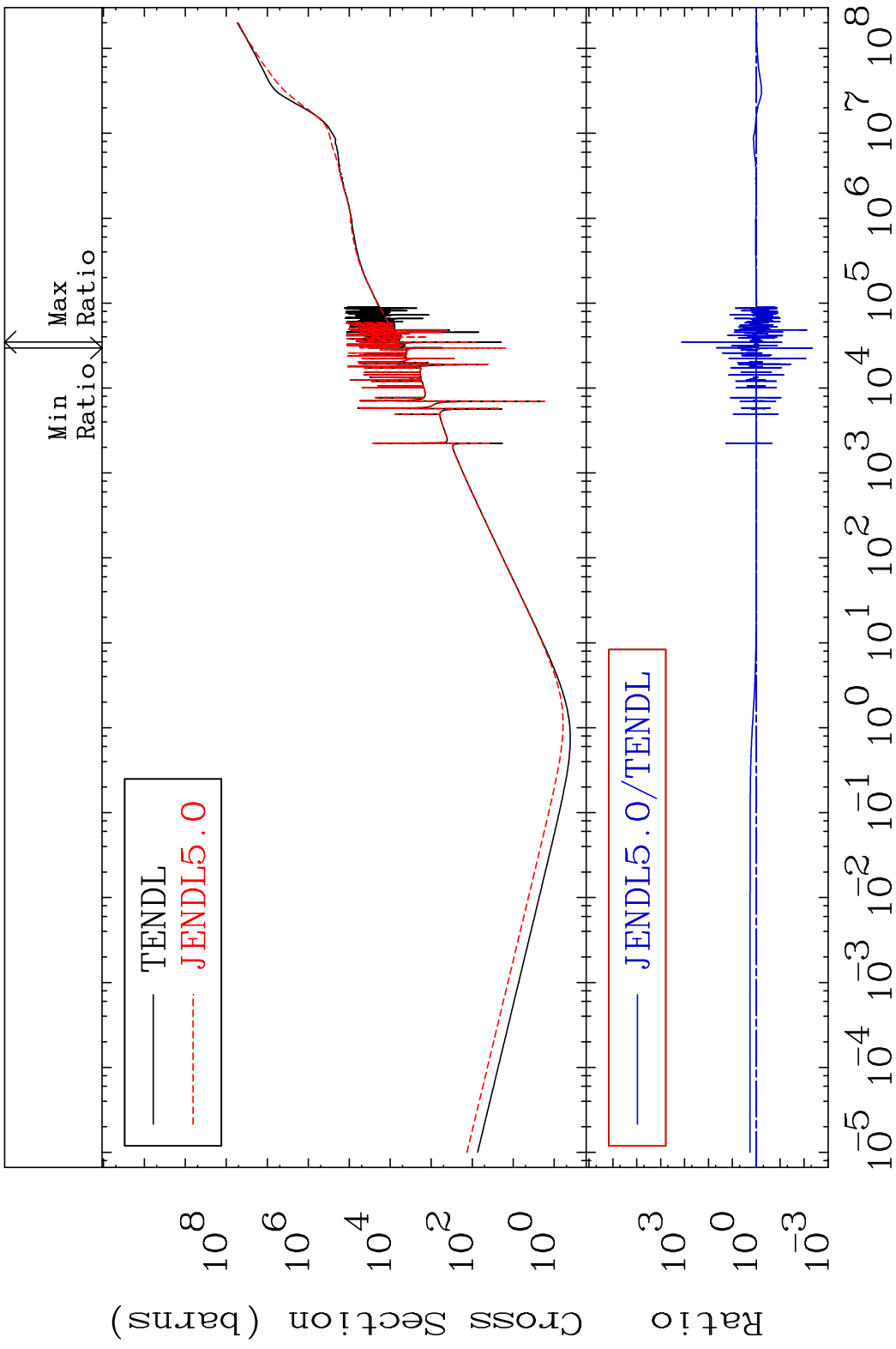
33

MAT 4037 Total photon (eV-barns) 40-Zr-94
 Cross Section -99.98 To 9999. %

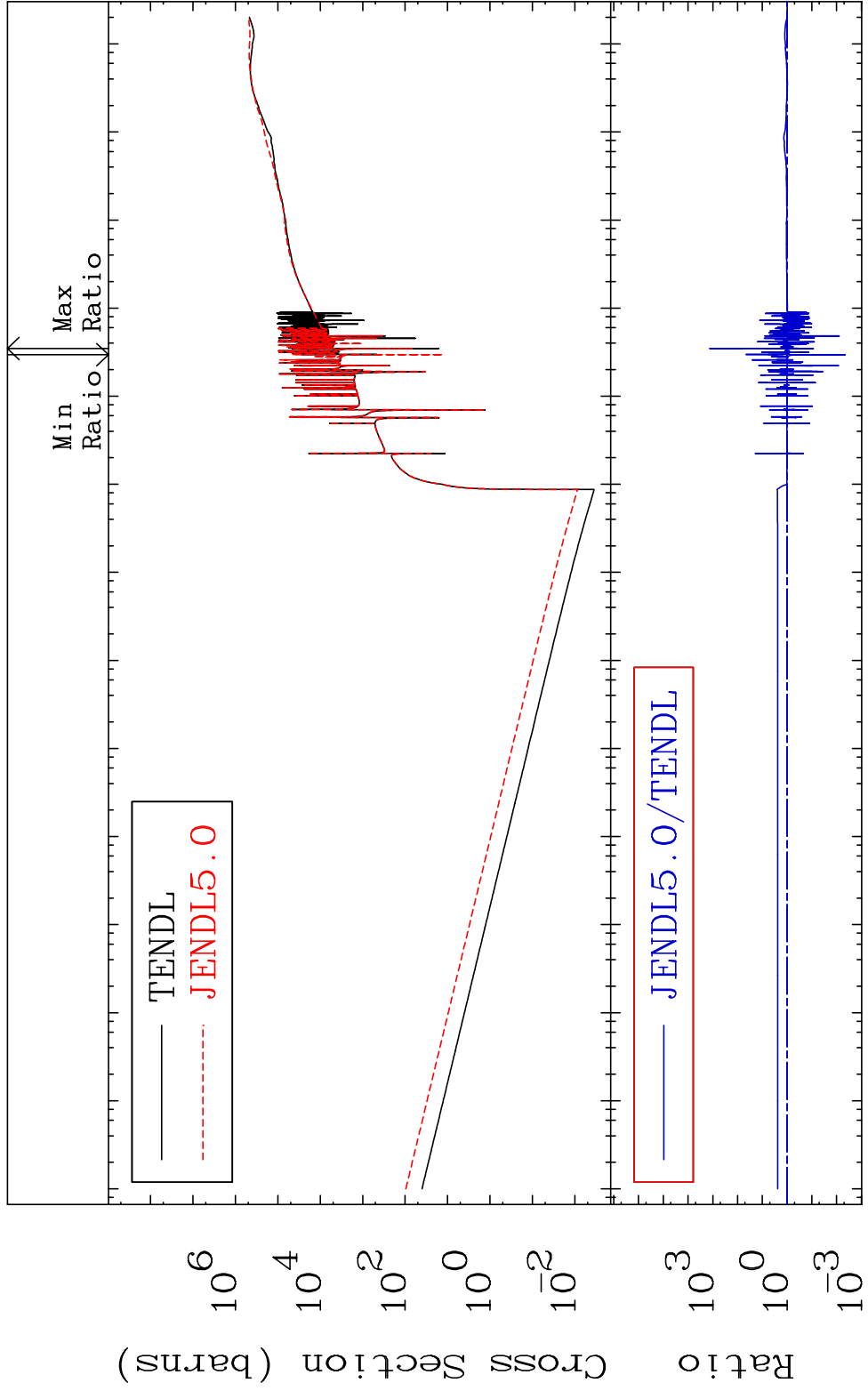


34 Incident Energy (eV) 40-Zr-94

MAT 4037 Total kinematic kerma (high limit) 40-Zr-94
Cross Section -99.55 To 9999. %



MAT 4037 Dpa total (eV-barns) 40-Zr-94
 Cross Section -99.55 To 9999. %



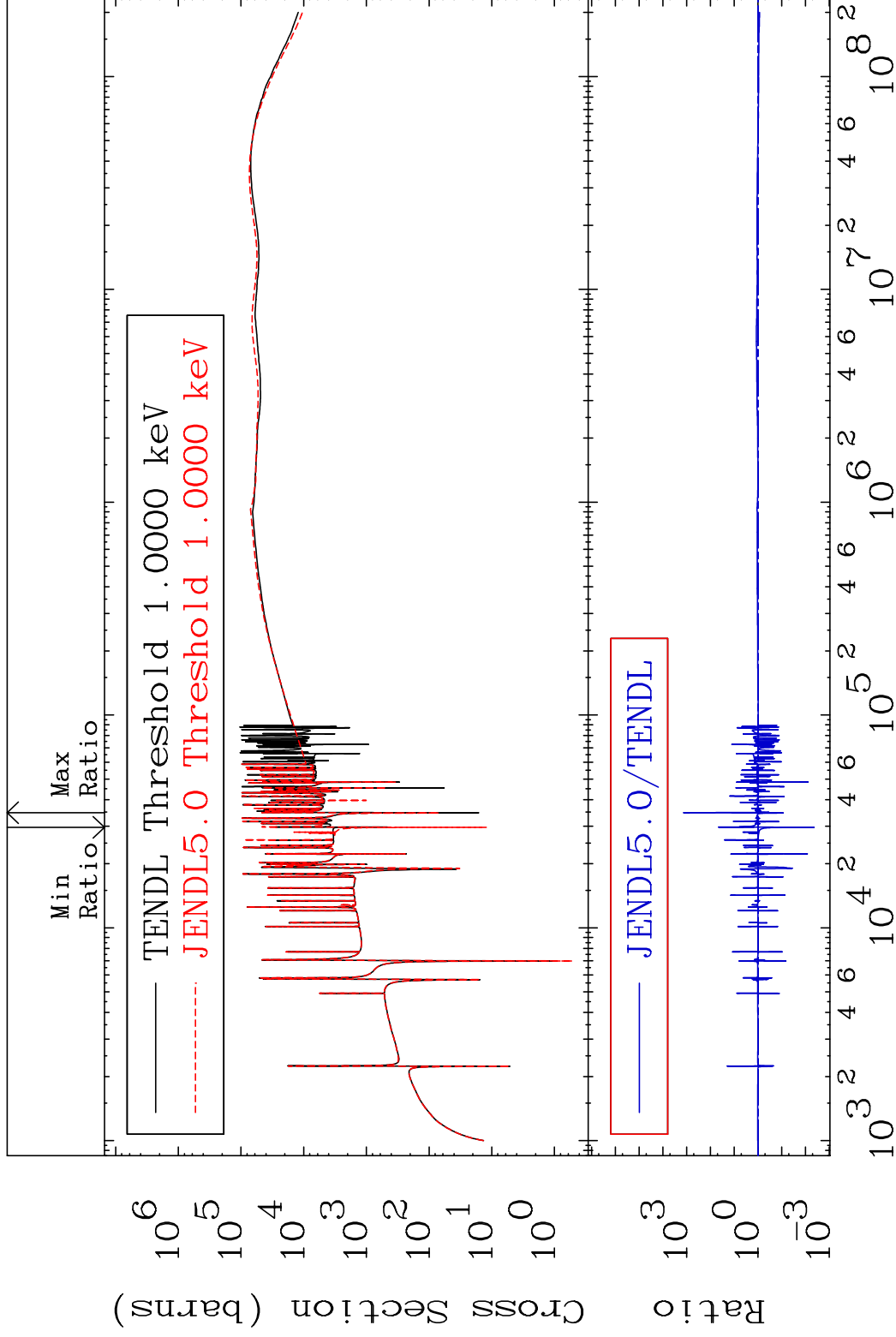
36 Incident Energy (eV) 40-Zr-94

MAT 4037

Dpa elastic (mt2)

40-Zr-94

Cross Section -99.57 To 9999. %

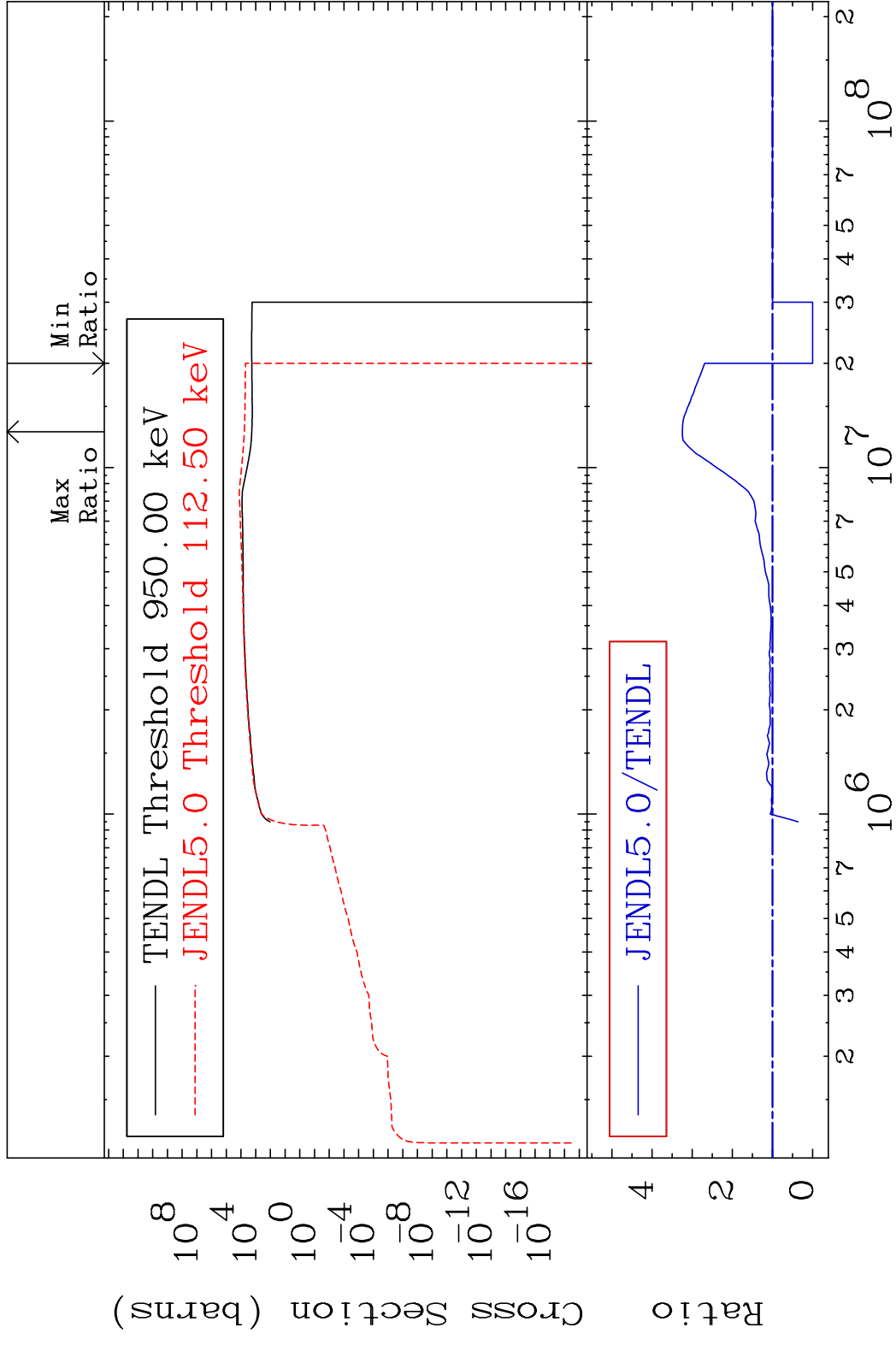


37

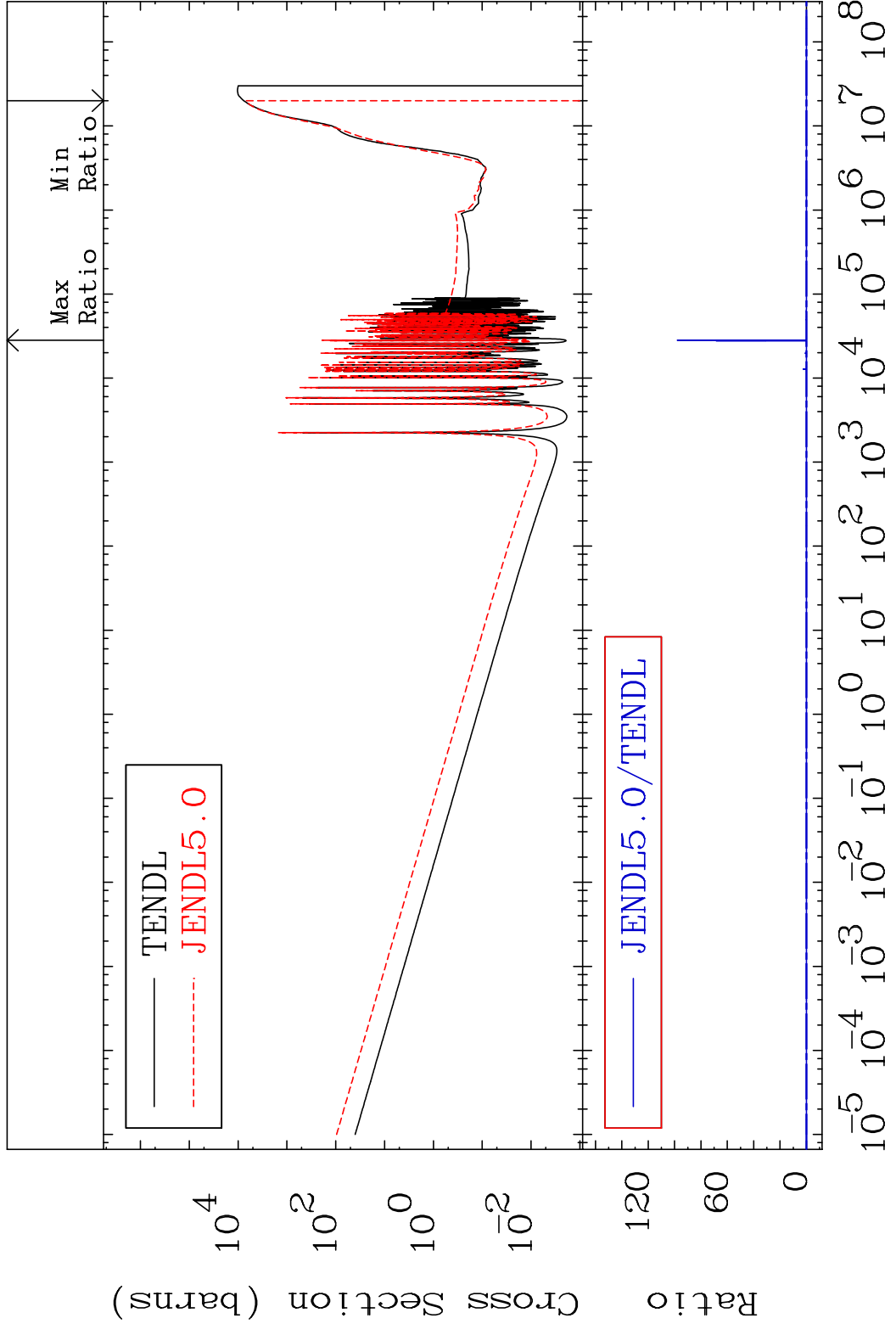
Incident Energy (eV)

40-Zr-94

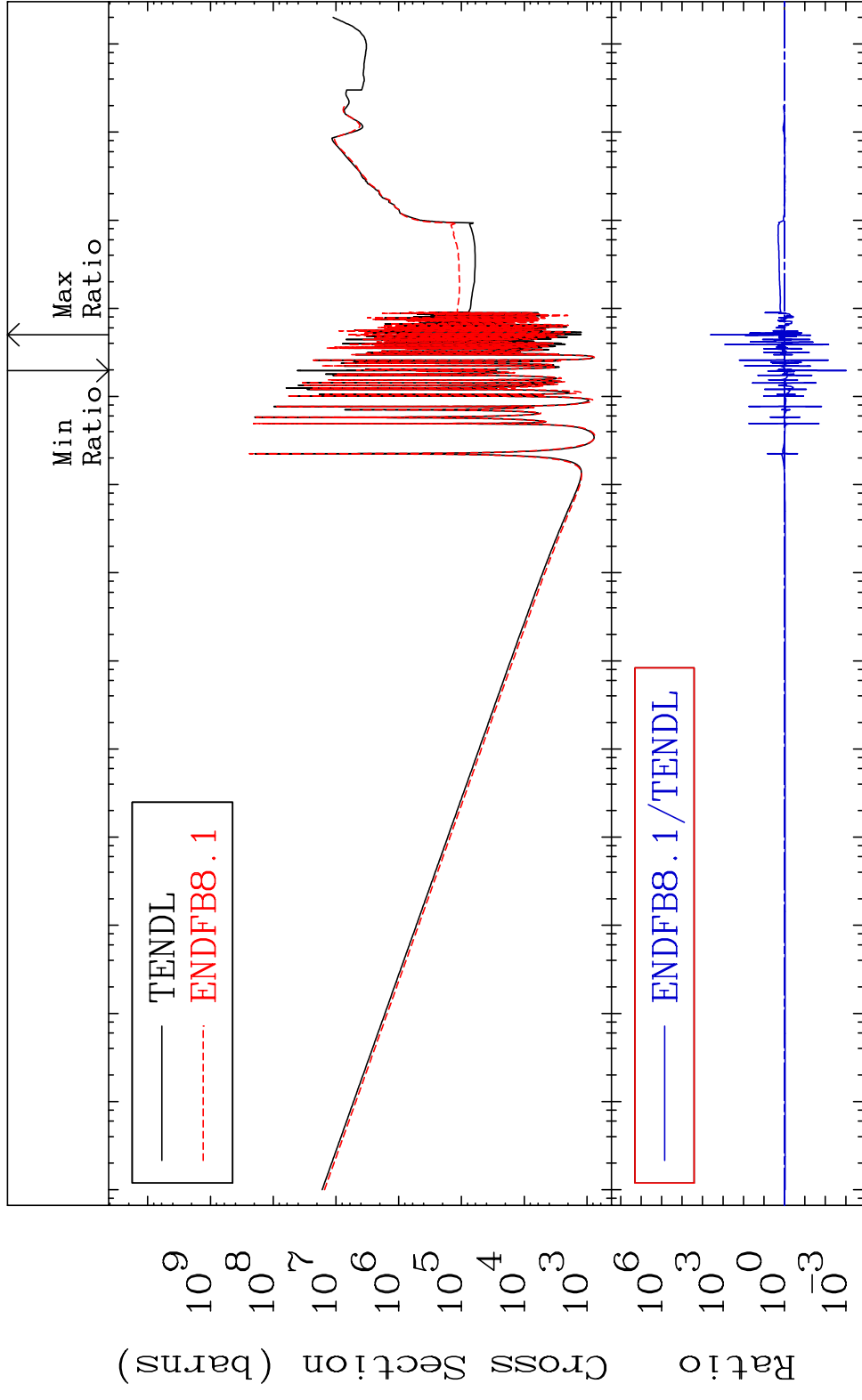
MAT 4037 Dpa inelastic (mt51-91) 40-Zr-94
 Cross Section -100.0 To 224.4 %



MAT 4037 Dpa disappearance (mt102 -120) 40-Zr-94
 Cross Section -100.0 To 9999. %

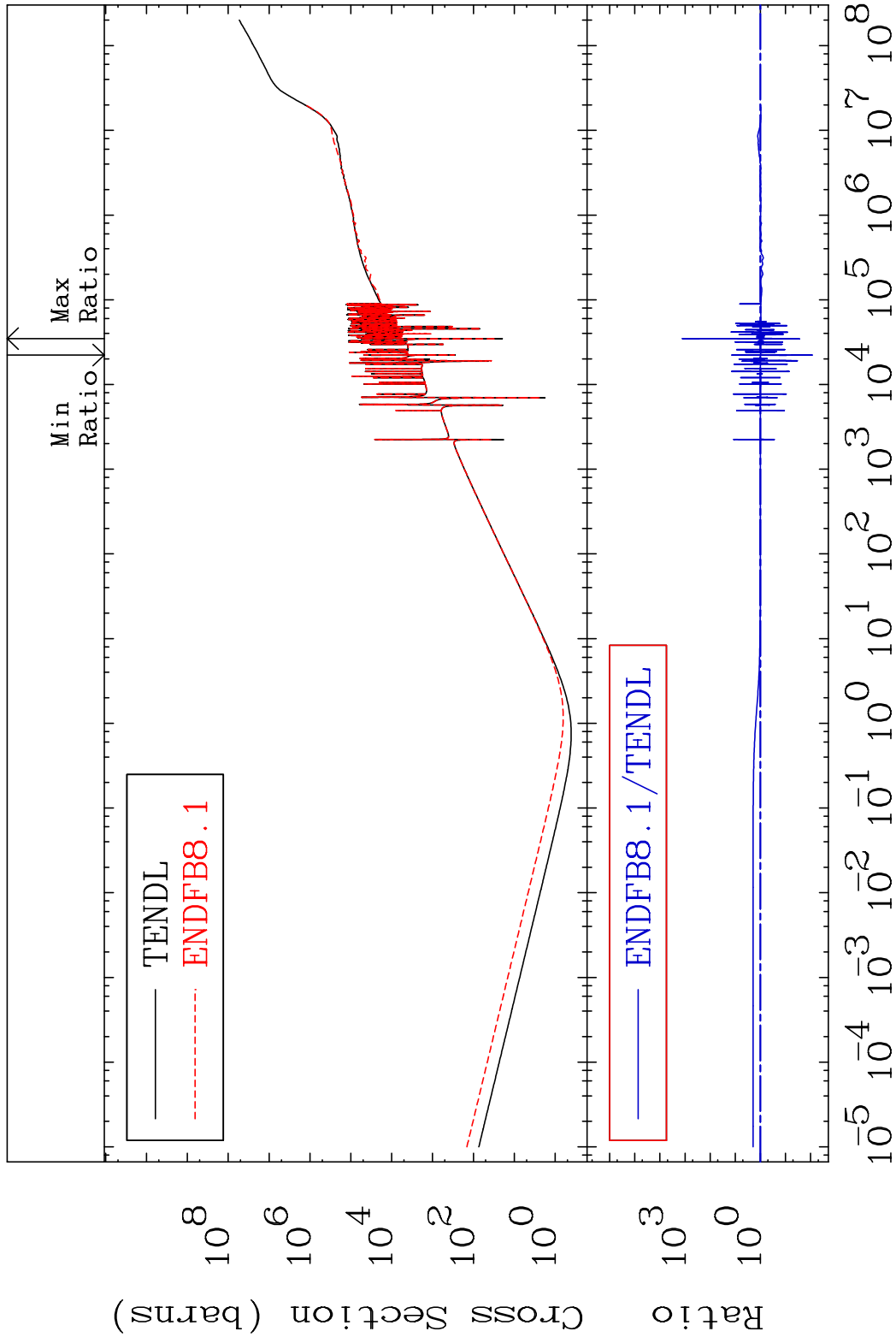


MAT 4037 Total photon (eV-barns) 40-Zr-94
 Cross Section -99.91 To 9999. %



40 Incident Energy (eV) 40-Zr-94

MAT 4037 Total kinematic kerma (high limit) 40-Zr-94
 Cross Section -99.16 To 9999. %



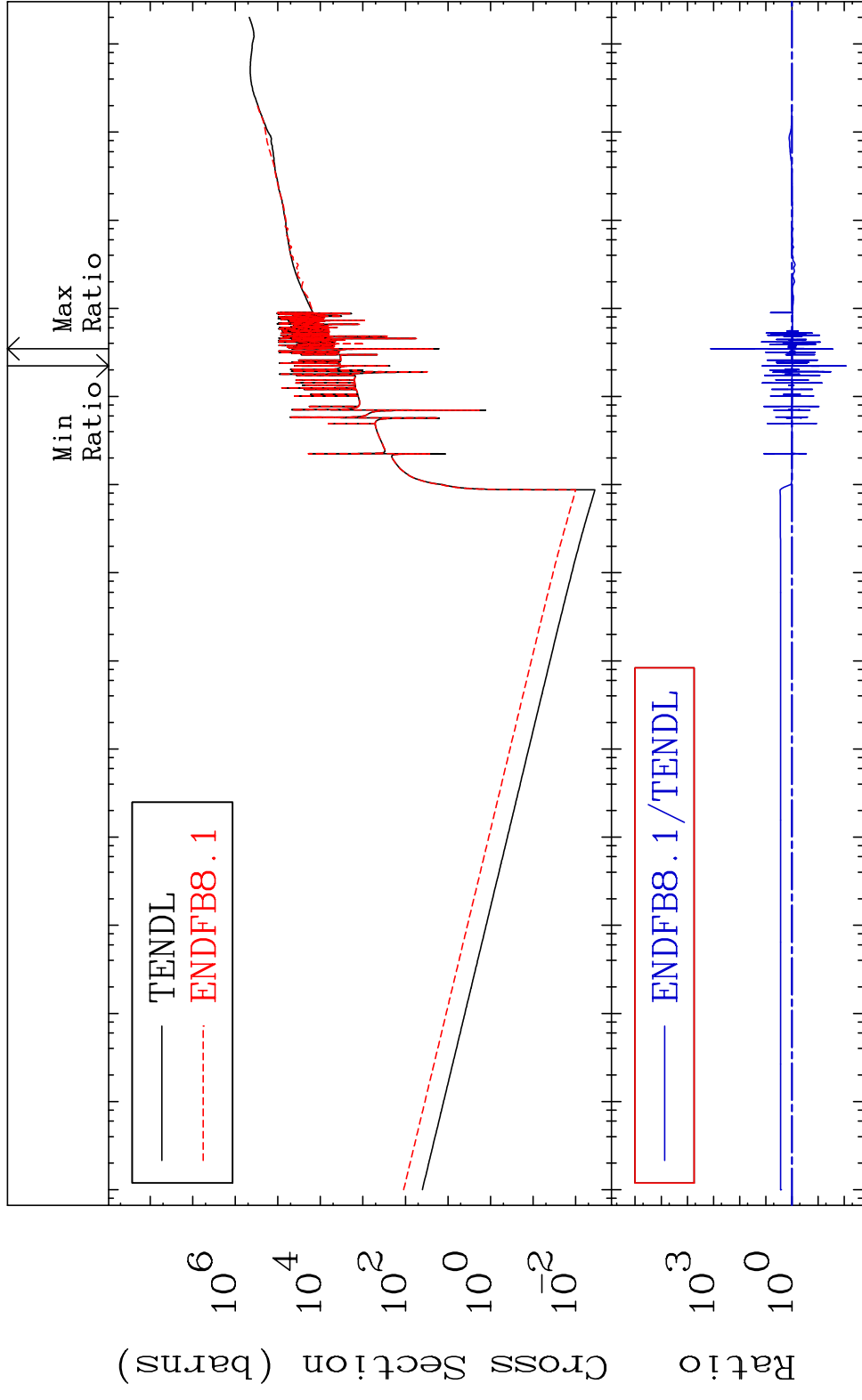
41 Incident Energy (eV) 40-Zr-94

MAT 4037

Dpa total (eV-barns)

40-Zr-94

Cross Section -99.16 To 9999. %



42

Incident Energy (eV)

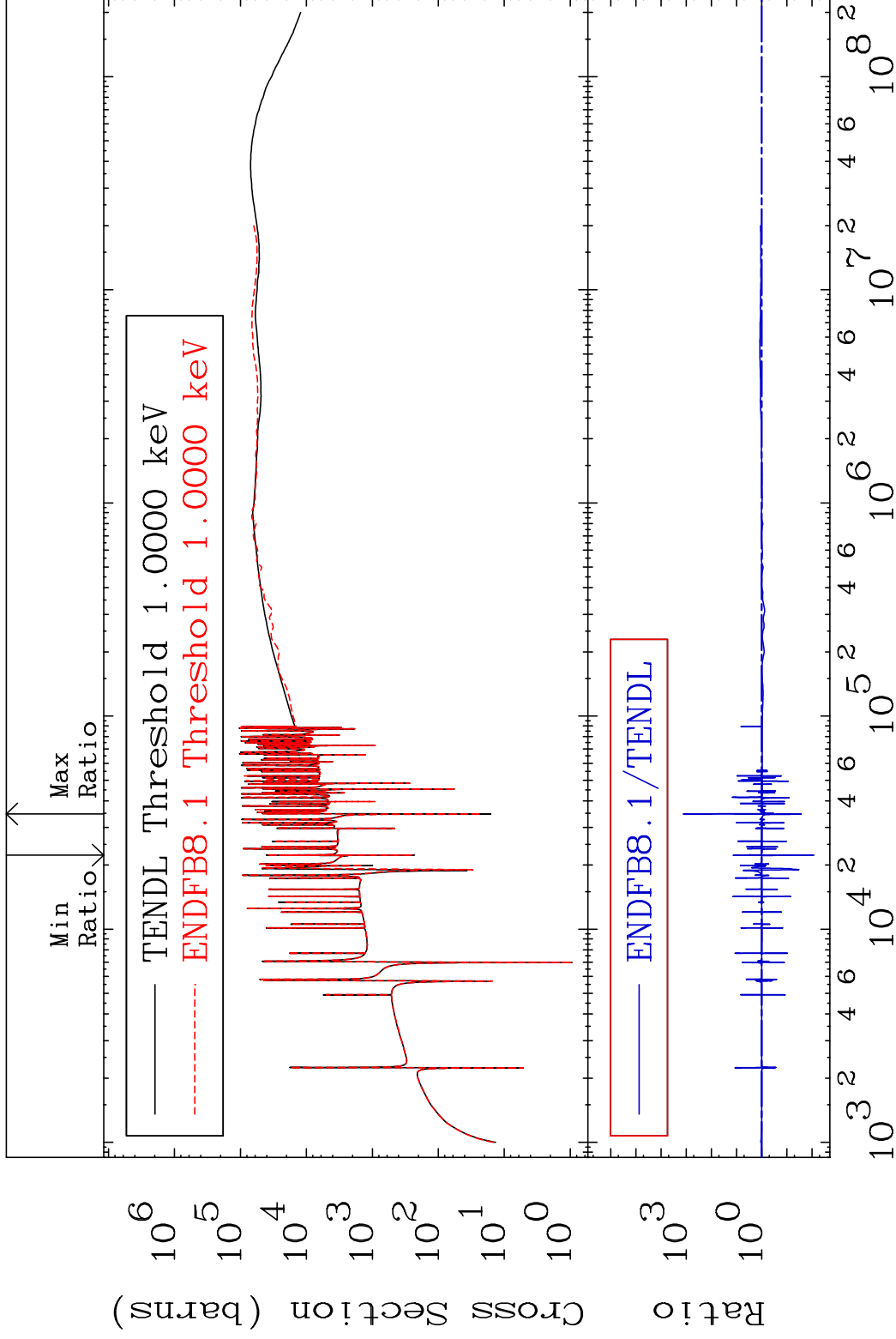
40-Zr-94

MAT 4037

Dpa elastic (mt2)

40-Zr-94

Cross Section -99.17 To 9999. %



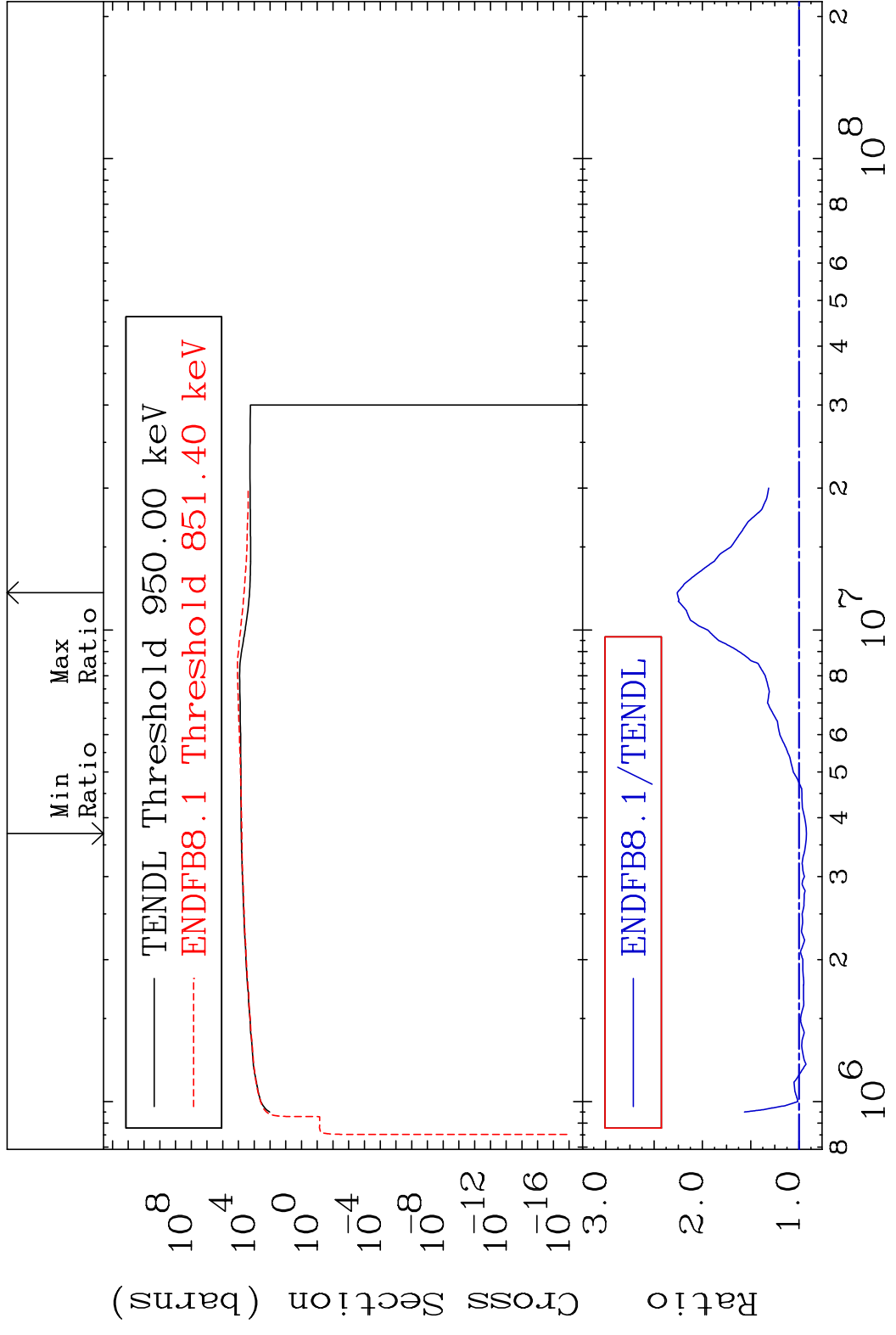
43

Incident Energy (eV)

40-Zr-94

MAT 4037

Dpa inelastic (mt51-91) 40-Zr-94
Cross Section -7.662 To 126.1 %

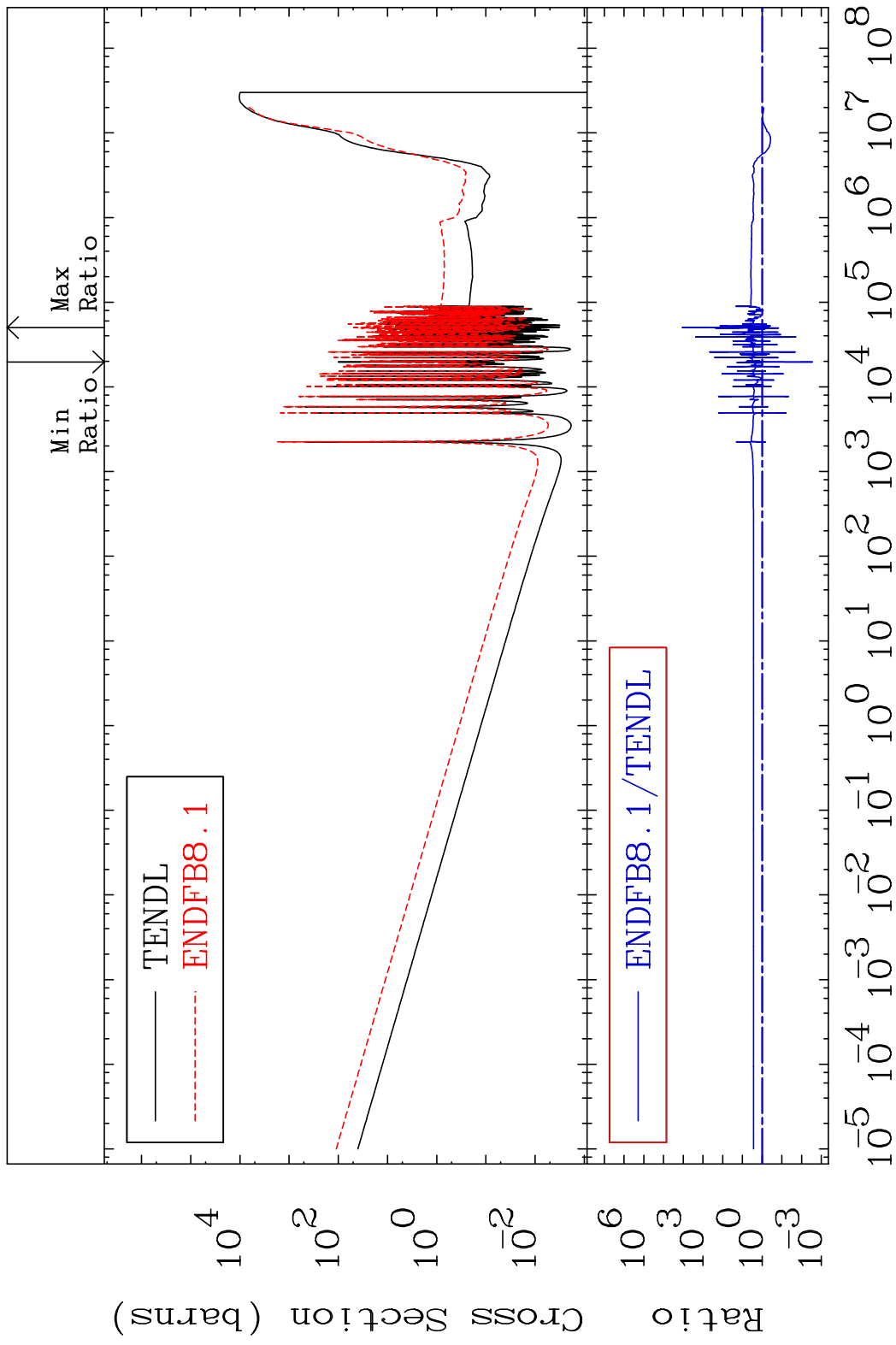


44

Incident Energy (eV)

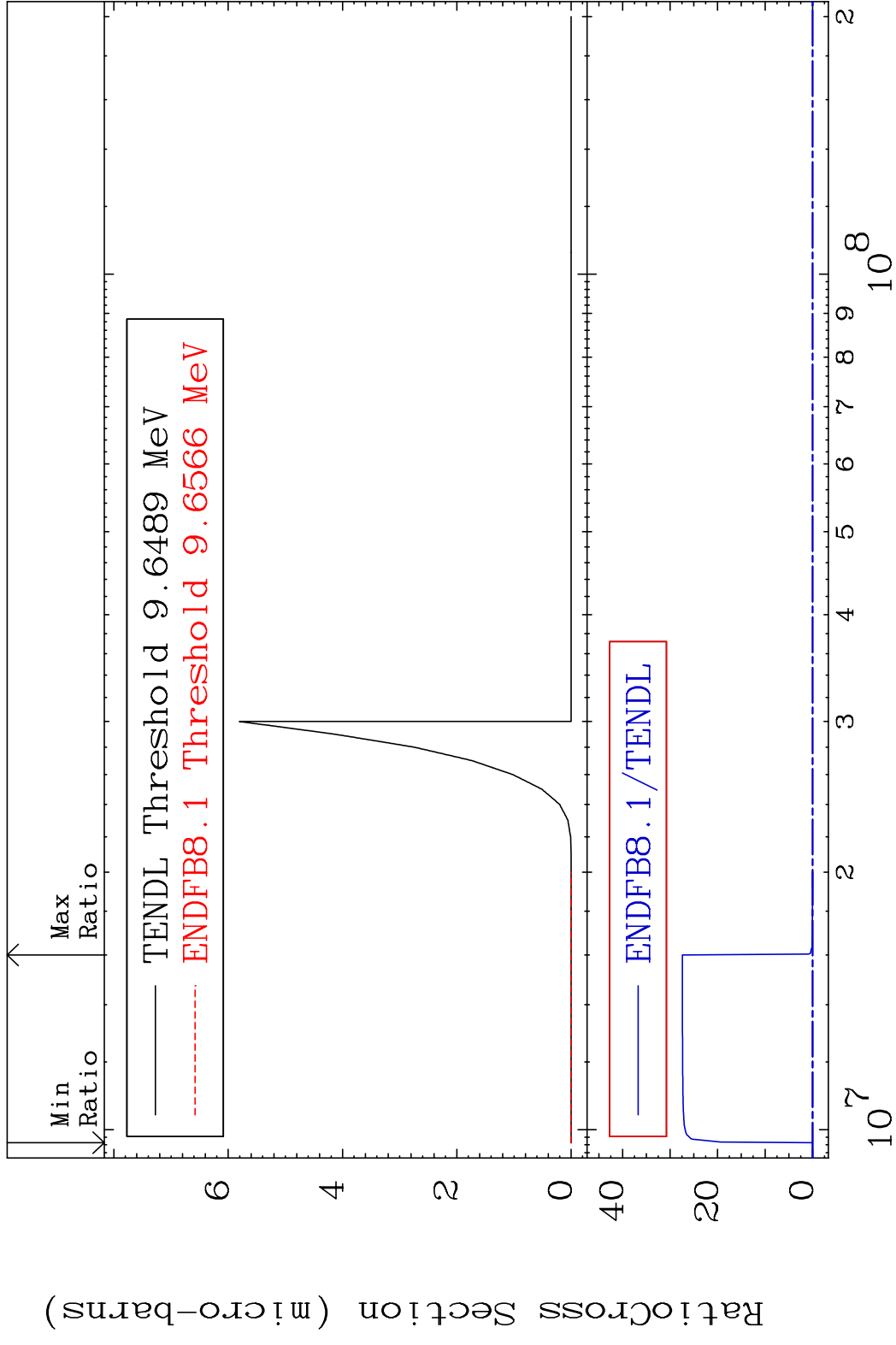
40-Zr-94

MAT 4037 Dpa disappearance (mt102 -120) 40-Zr-94
 Cross Section -99.72 To 9999. %



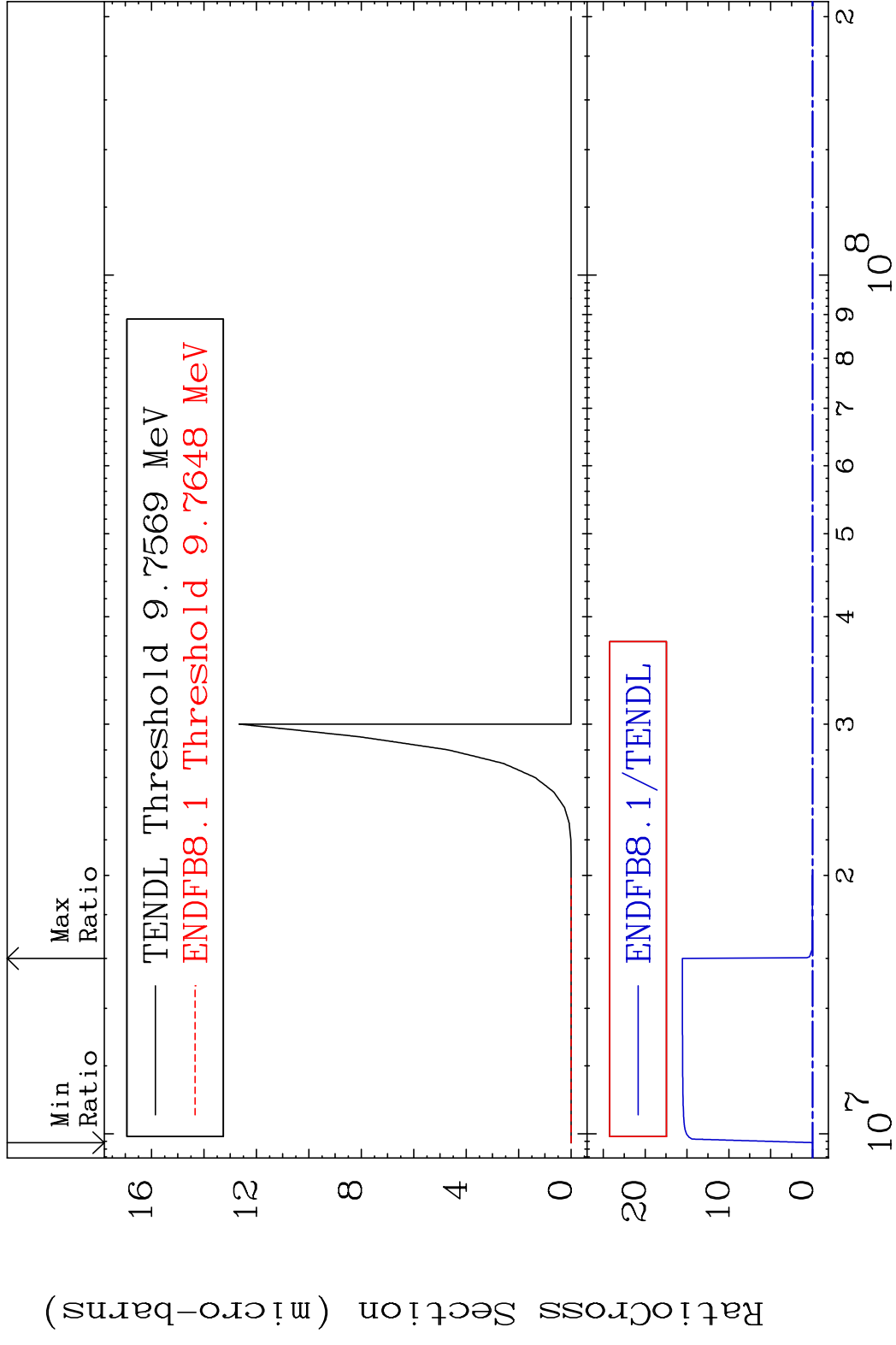
45 Incident Energy (eV) 40-Zr-94

MAT 4037 (n, p) α :37-Rb-90g 40-Zr-94
 Radionuclide Production Cross Section Ratio 9999. %



46 Incident Energy (eV) 40-Zr-94

MAT 4037 (n,p) α :37-Rb-90m1 40-Zr-94
 Radionuclide Production Cross Section 18000 d10 9999. %



47 40-Zr-94