

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

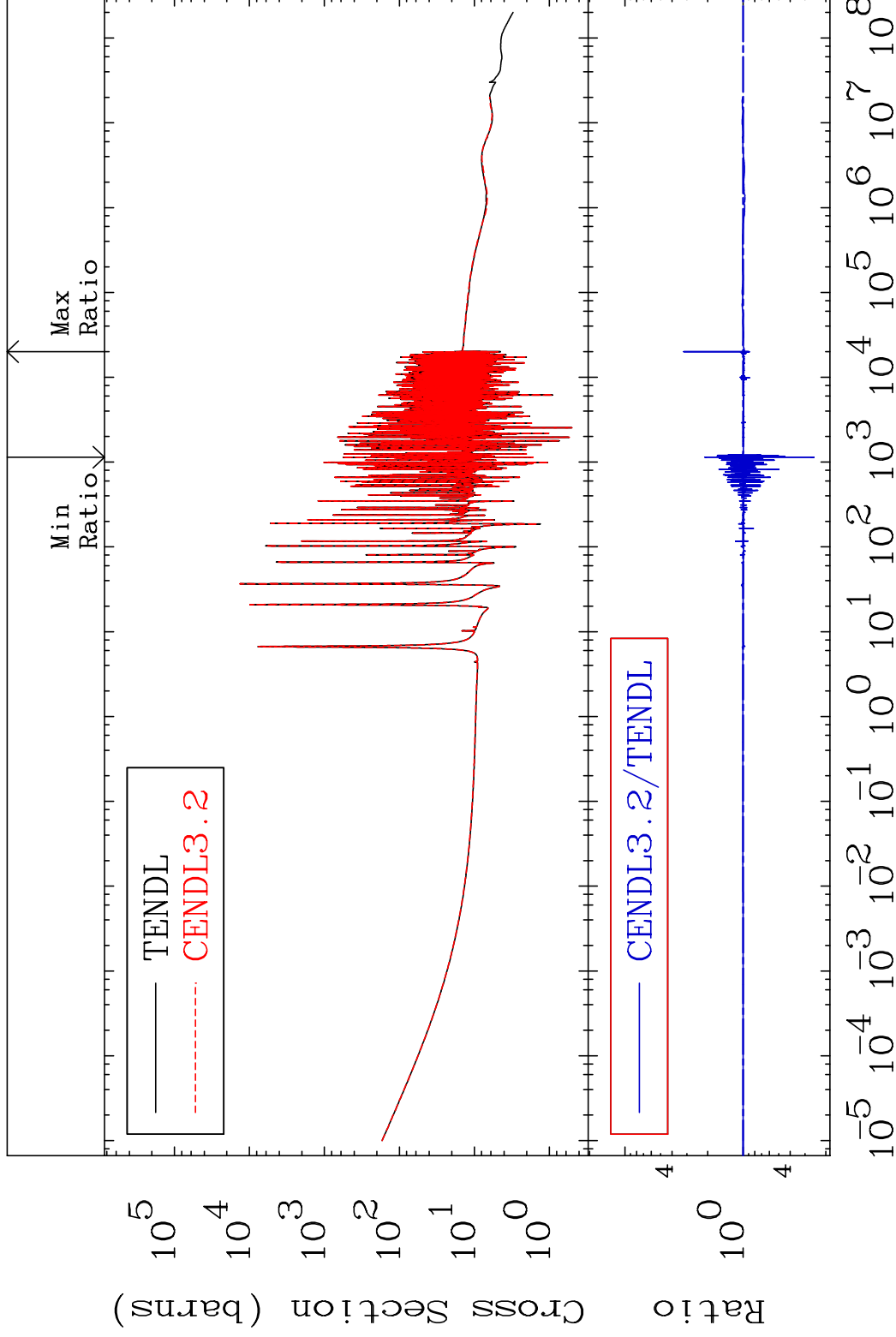
MAT 9237

Total

92-U -238

Cross Section

-74.90 To 219.2 %



1

Incident Energy (eV)

92-U -238

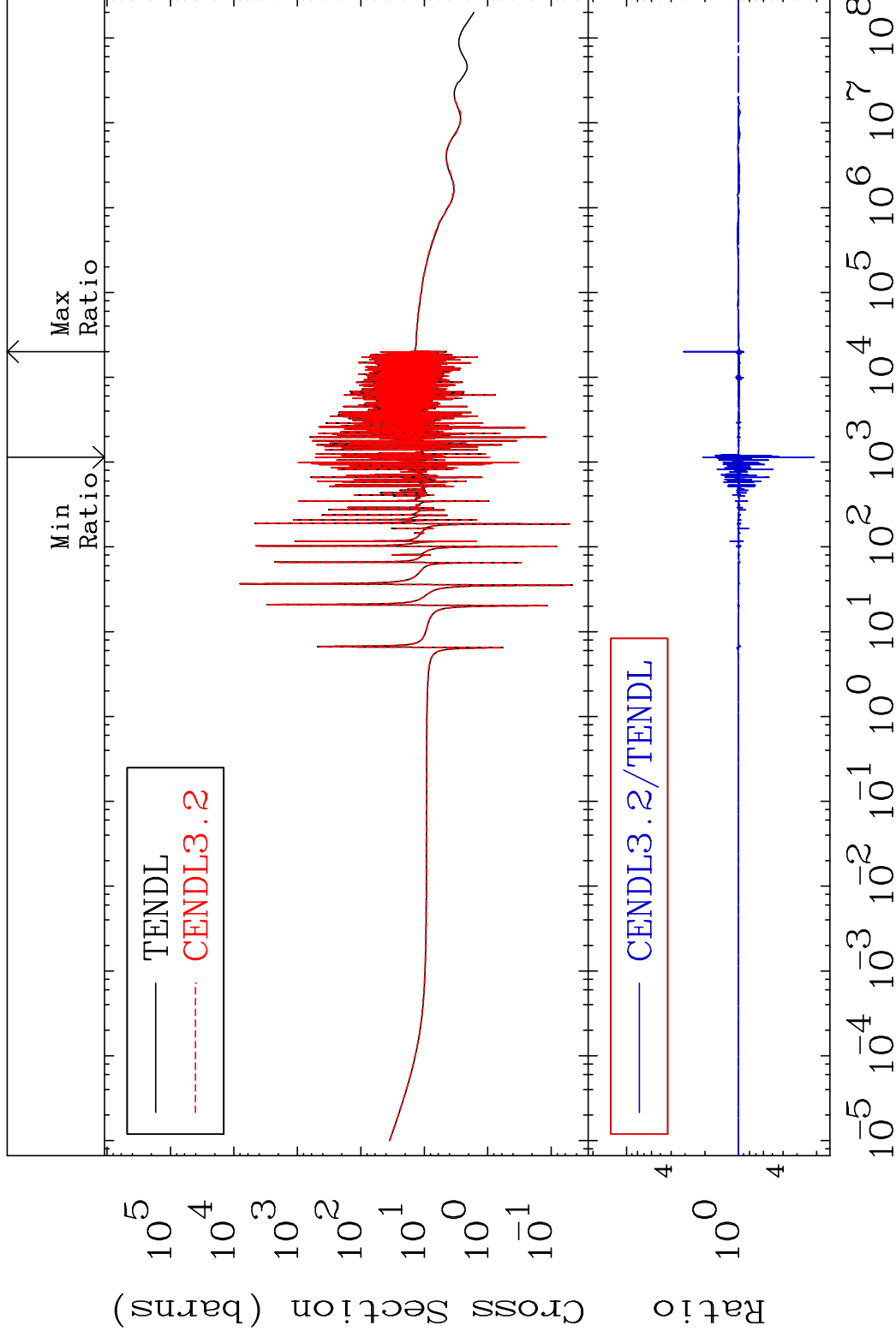
MAT 9237

Elastic

92-U -238

Cross Section

-78.87 To 209.3 %



2

Incident Energy (eV)

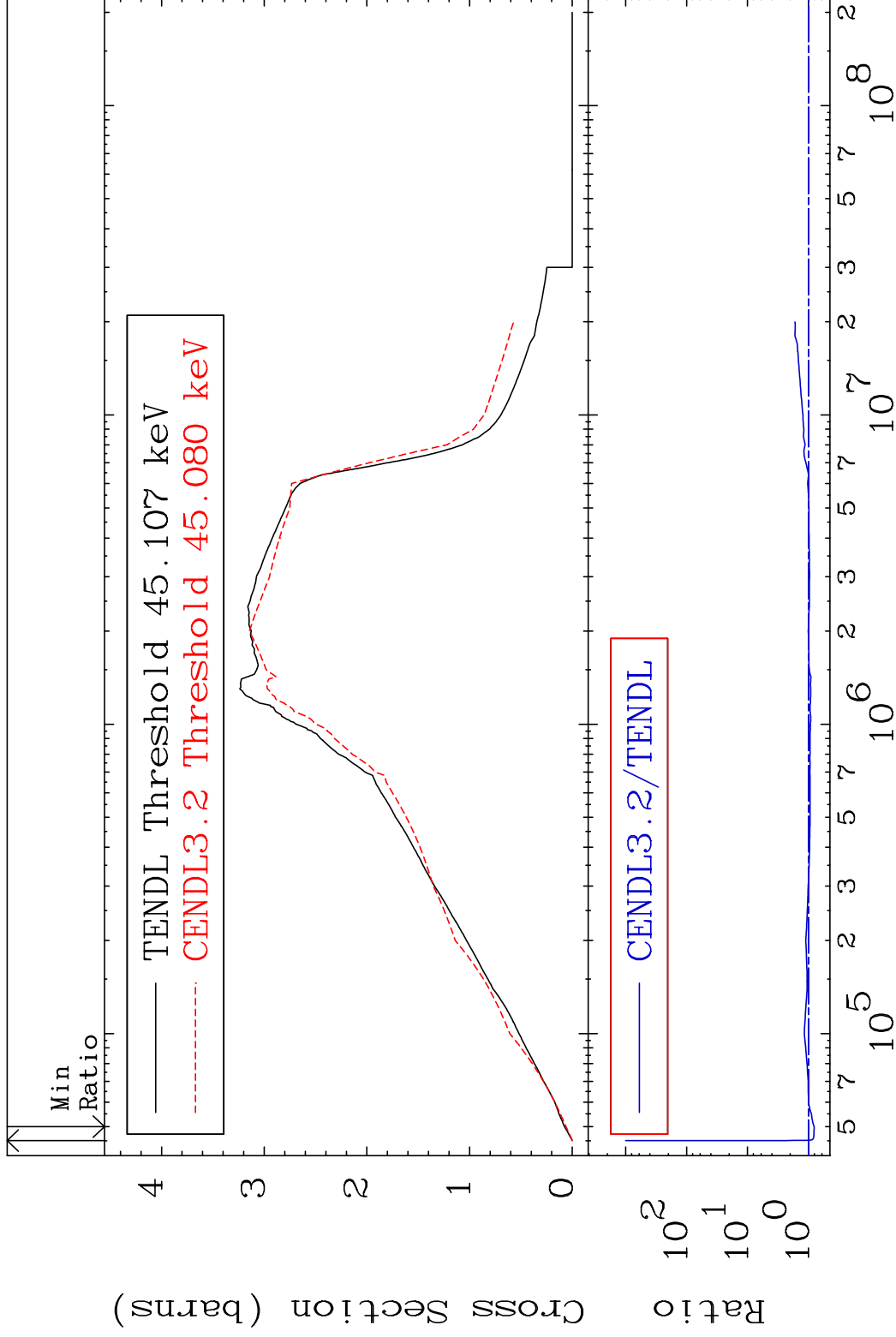
92-U -238

MAT 9237

Inelastic

92-U -238

Cross Section -19.25 To 9999. %



3

Incident Energy (eV)

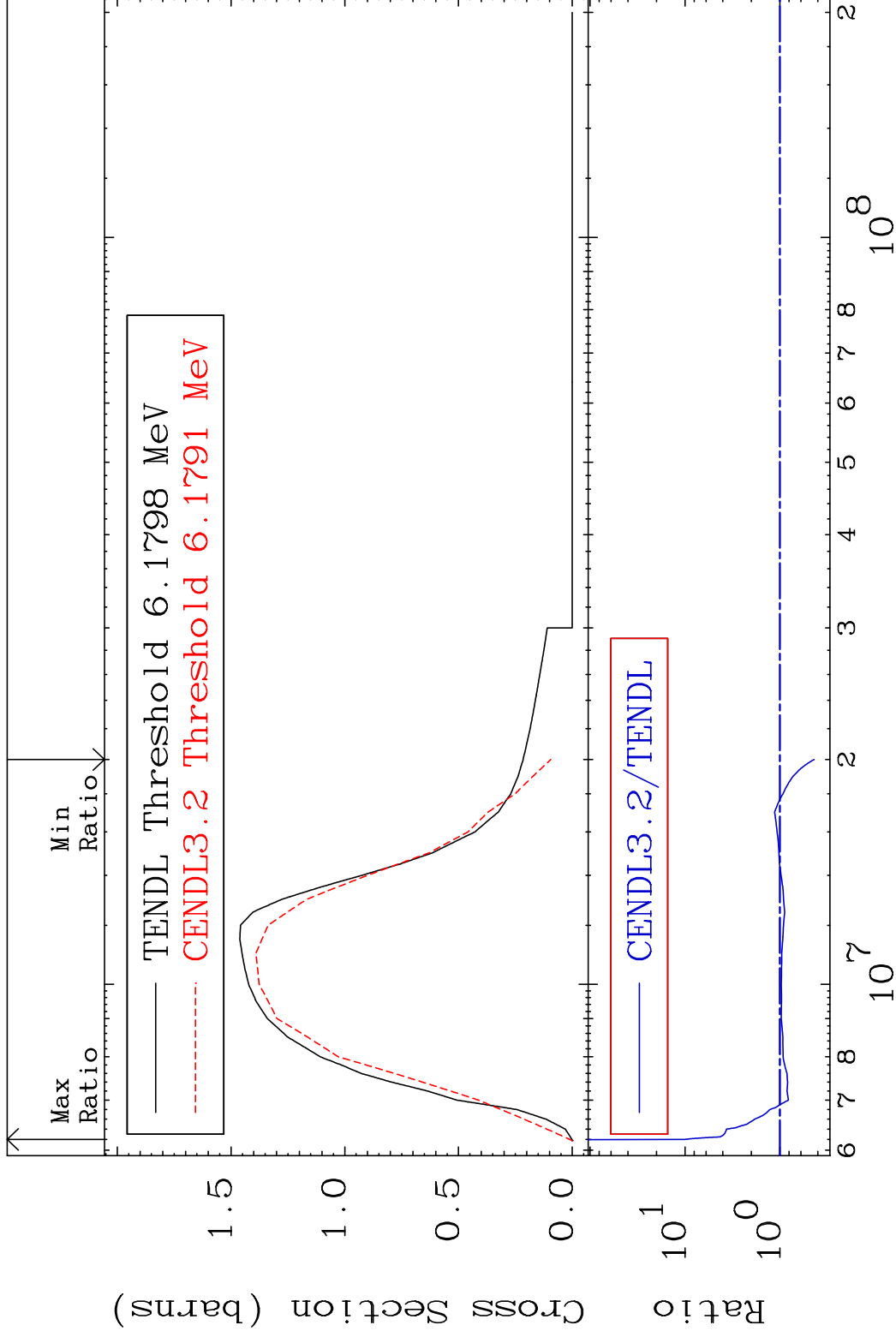
92-U -238

MAT 9237

(n,2n)

92-U -238

Cross Section -56.35 To 932.8 %



4

Incident Energy (eV)

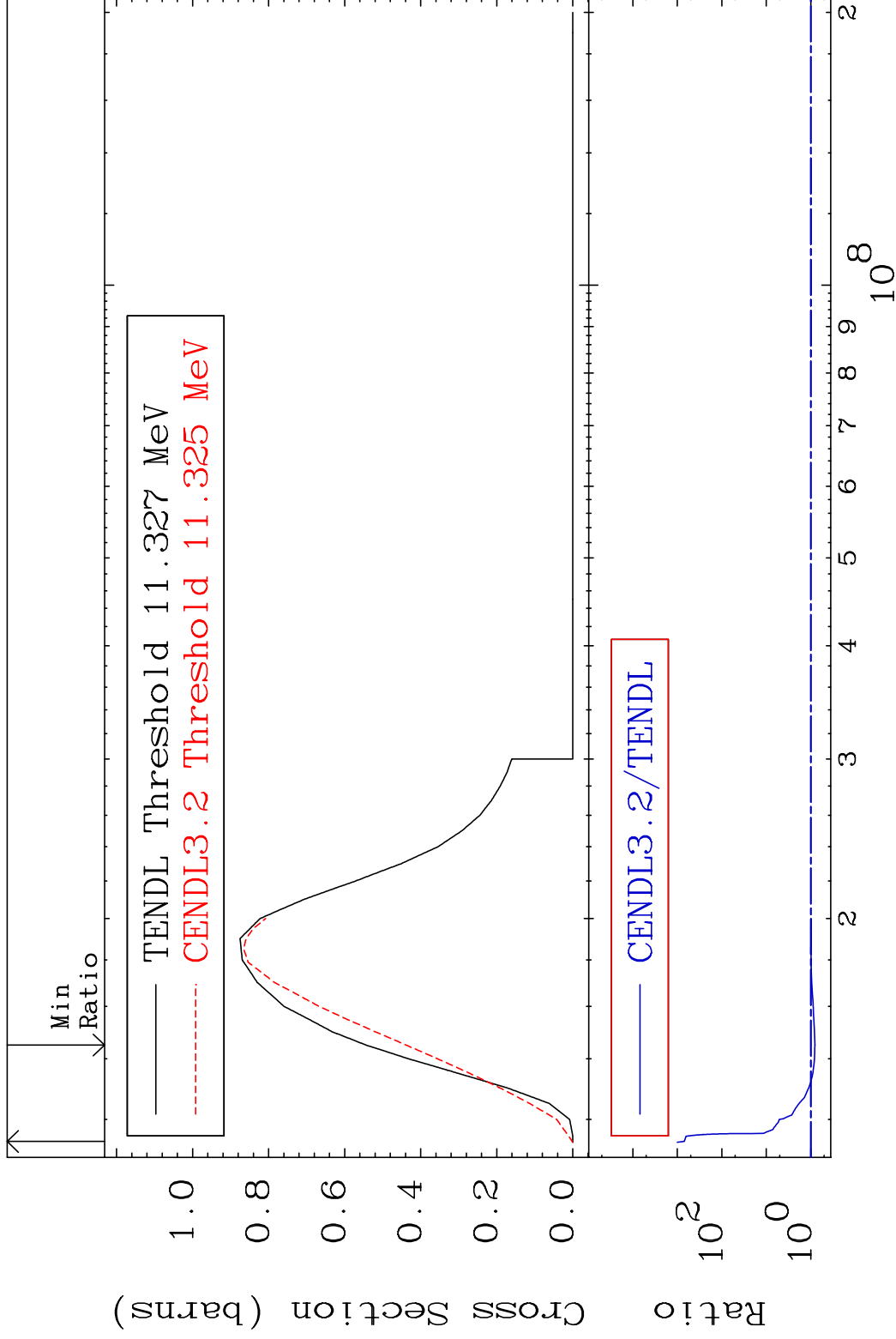
92-U -238

MAT 9237

(n,3n)

92-U -238

Cross Section -19.40 To 9999. %



5

Incident Energy (eV)

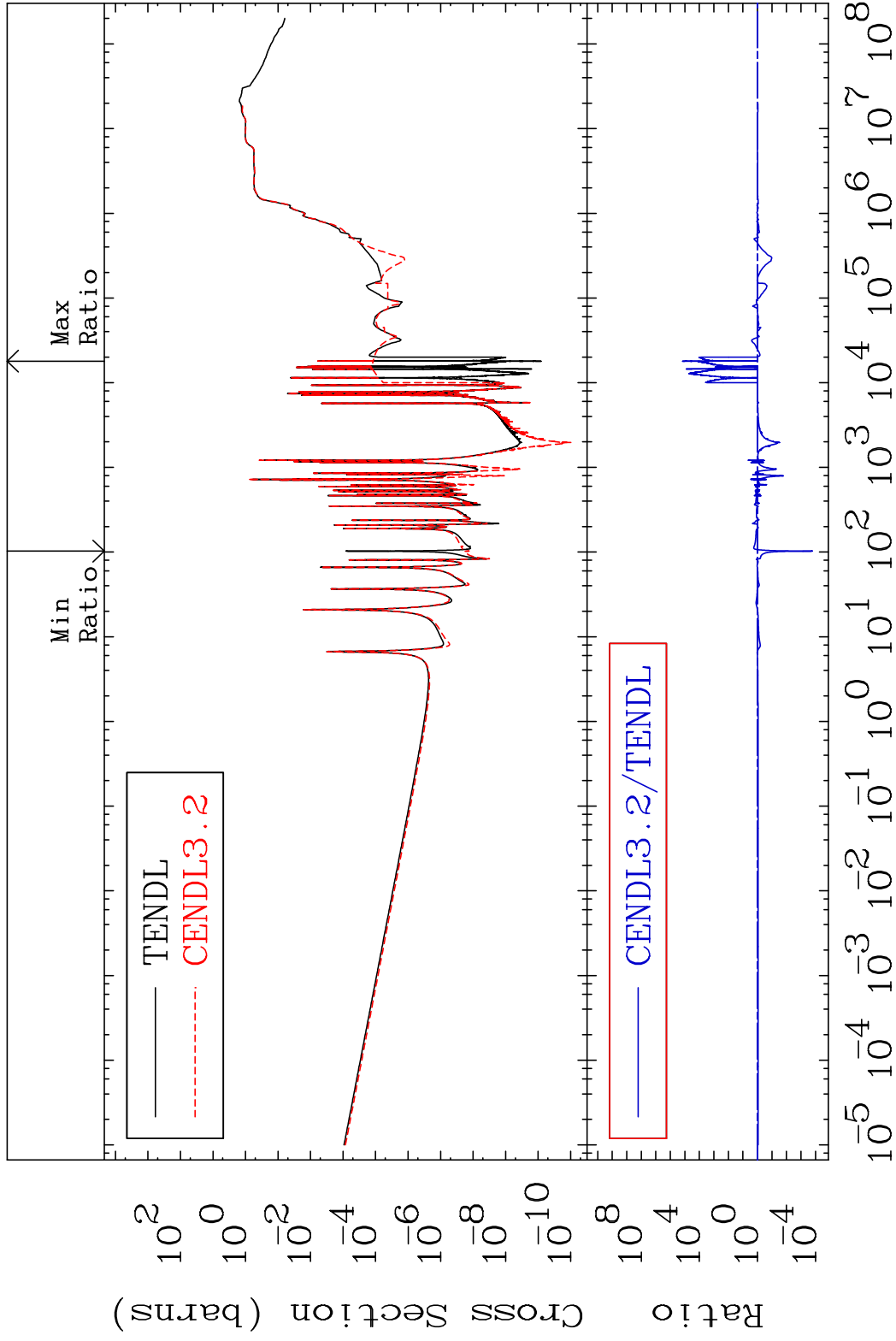
92-U -238

MAT 9237

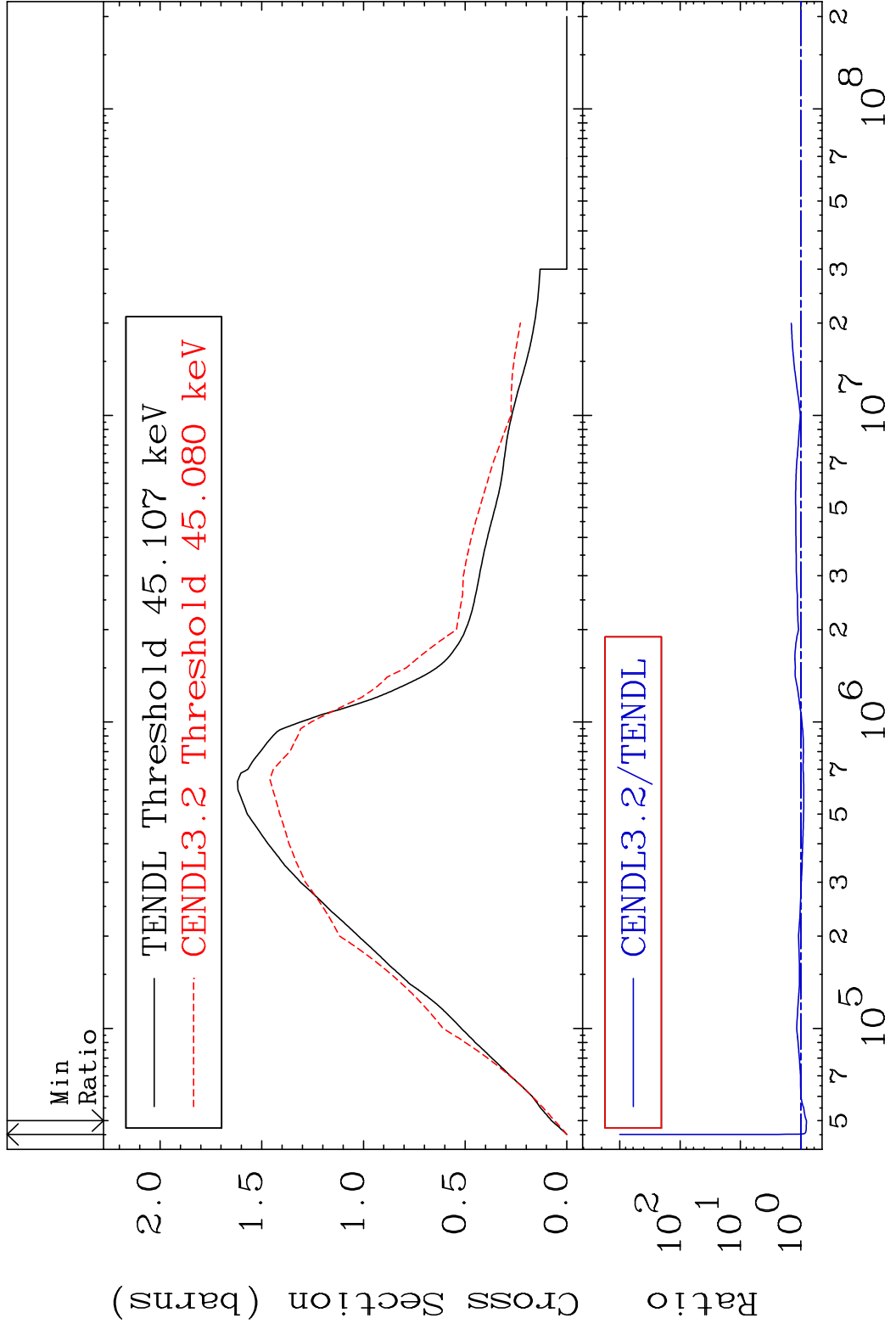
Fission

92-U -238

Cross Section -99.98 To 9999. %

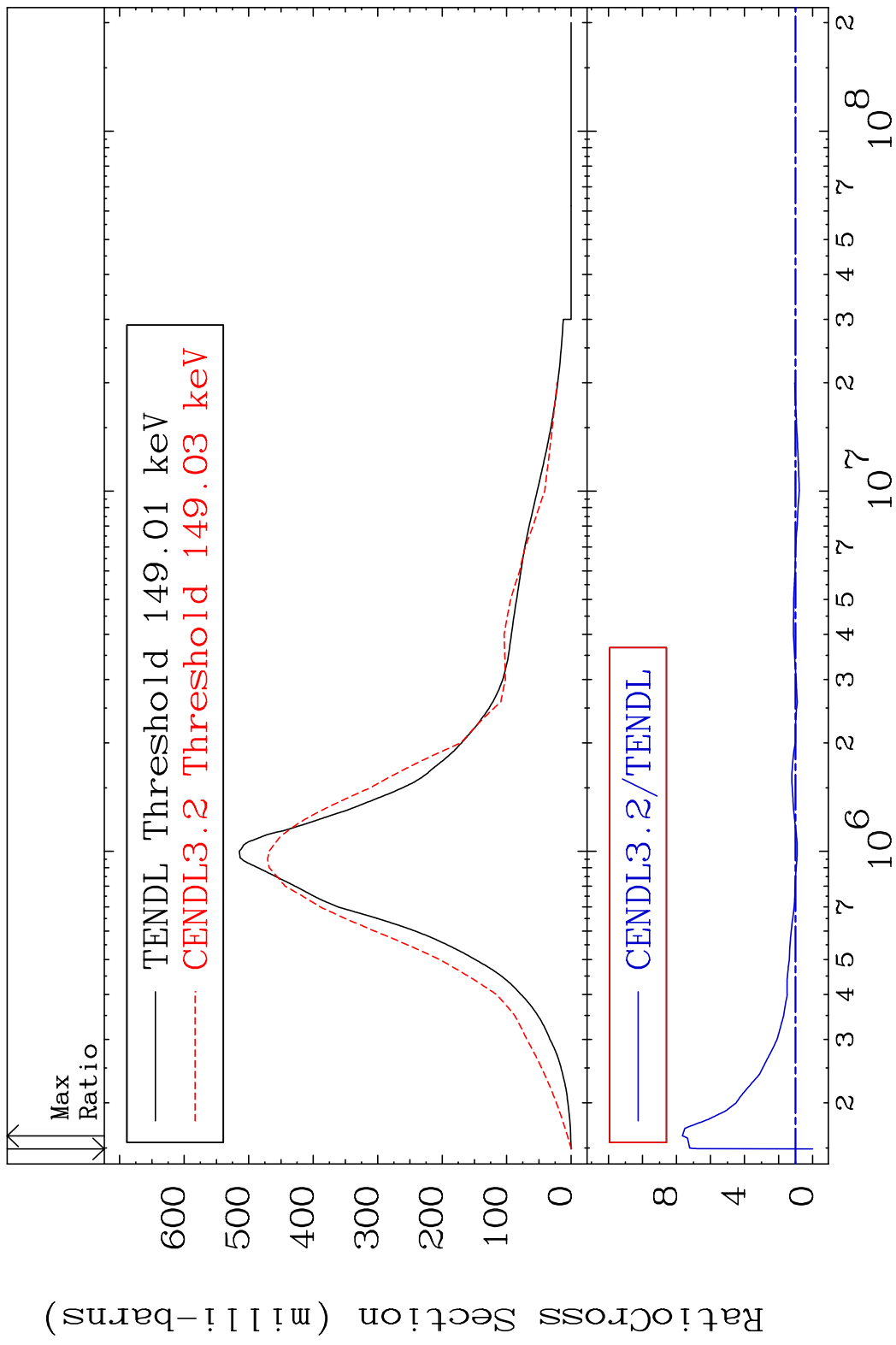


MAT 9237 MT= 51 (n,n') Level 92-U -238
 Cross Section -19.25 To 9999. %

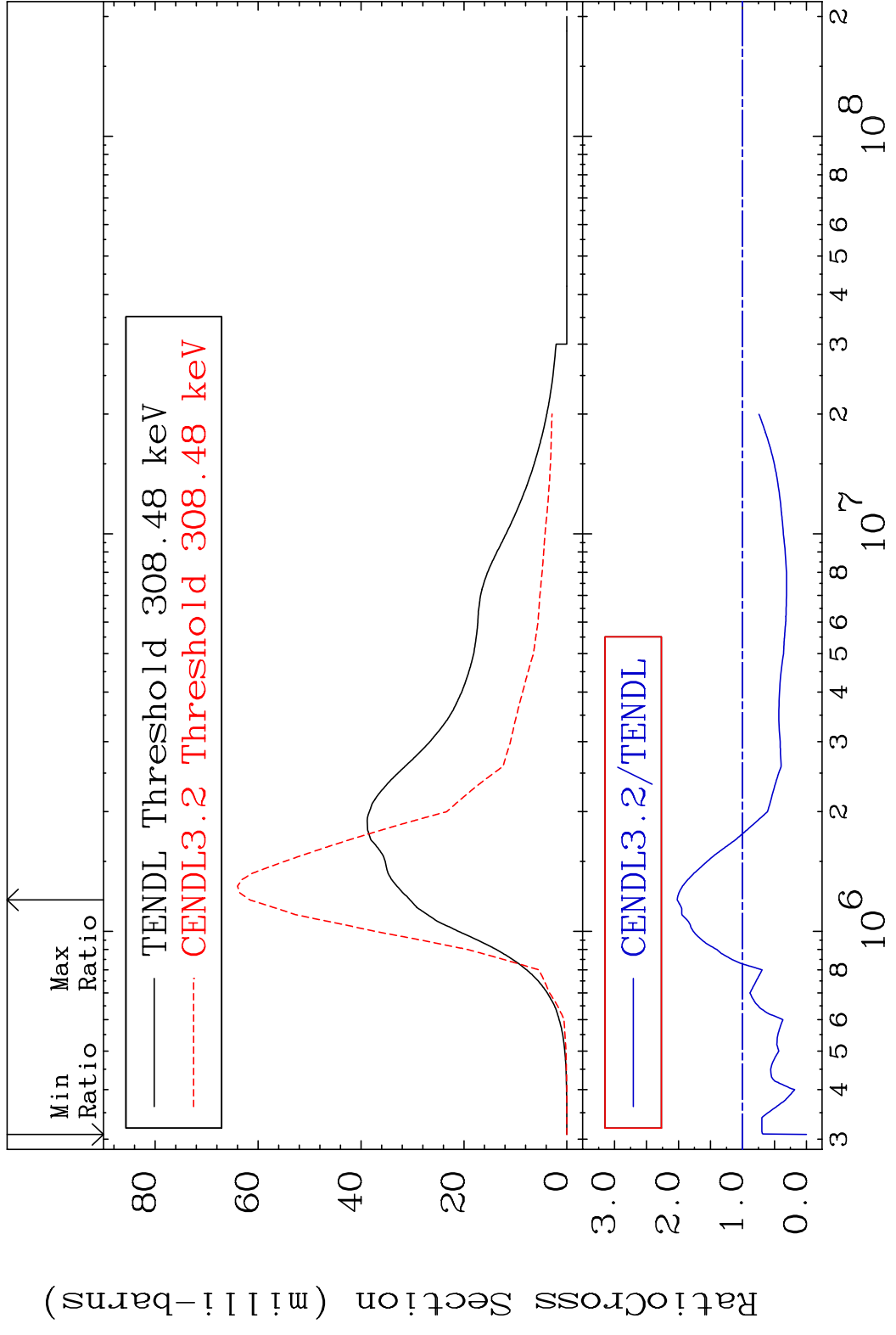


7 Incident Energy (eV) 92-U -238

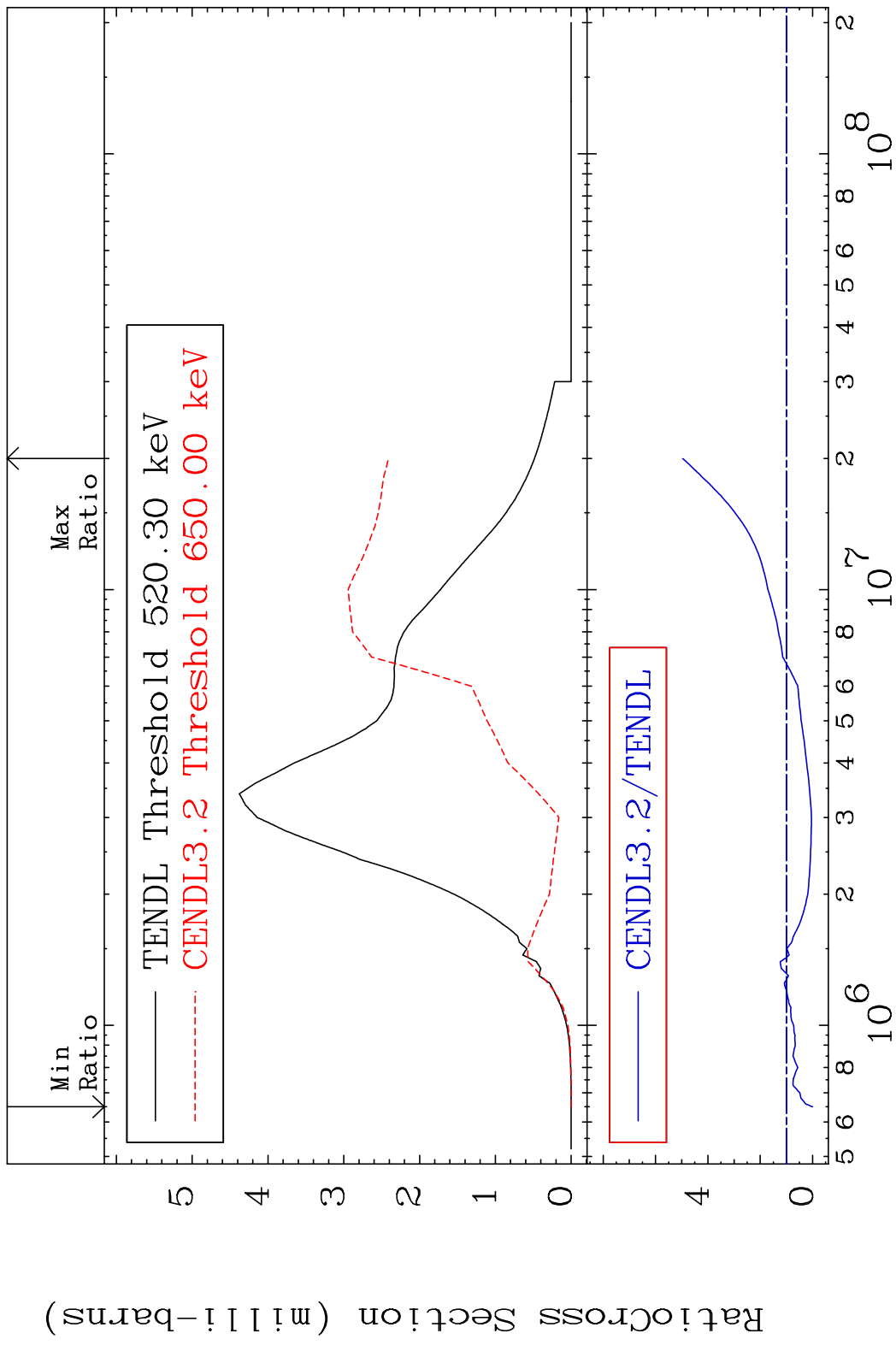
MAT 9237 MT= 52 (n,n') Level 92-U -238
 Cross Section -100.0 To 665.5 %



MAT 9237 MT= 53 (n,n') Level 92-U -238
 Cross Section -100.0 To 102.1 %

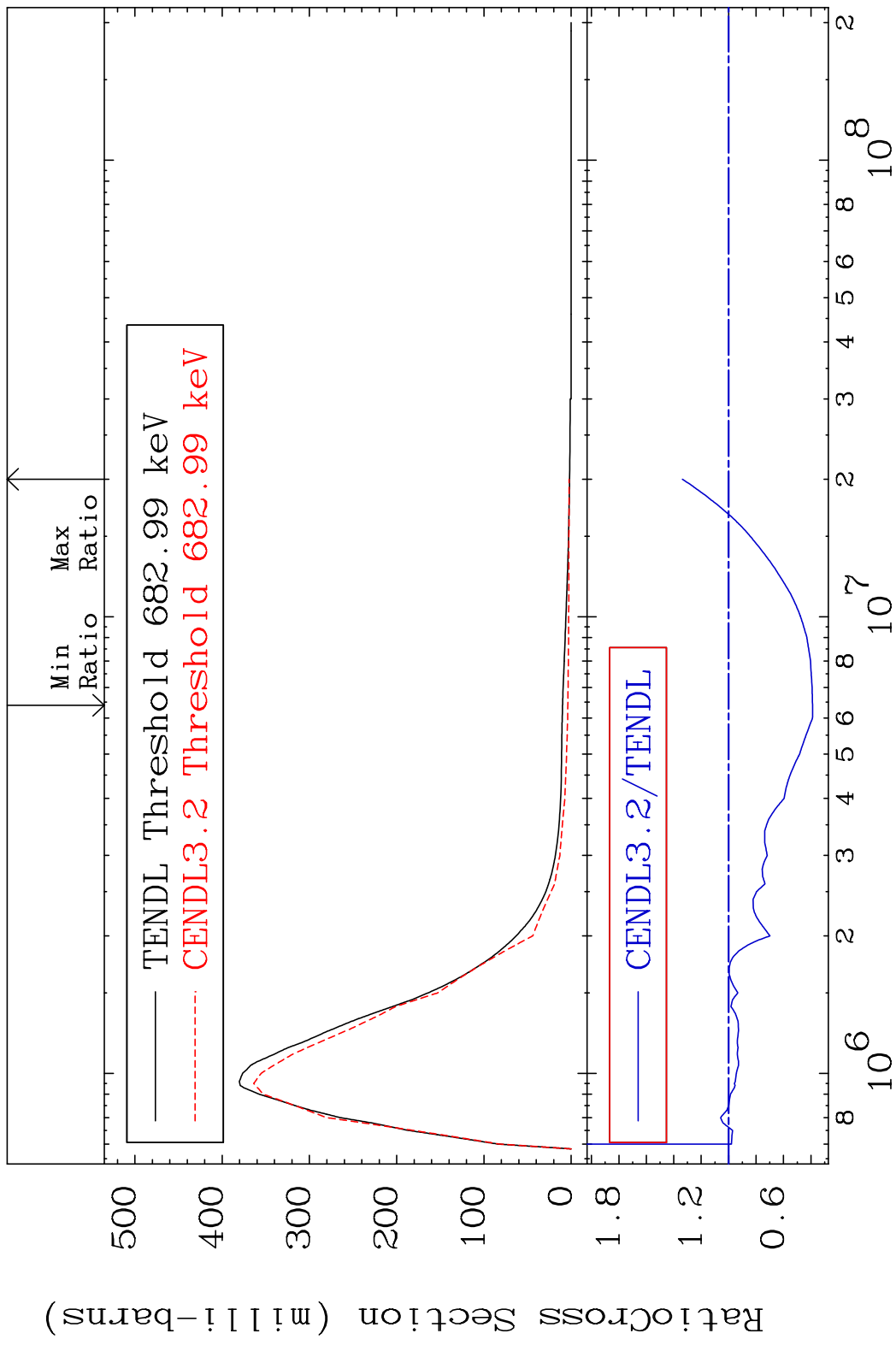


MAT 9237 MT= 54 (n, n') Level 92-U -238
 Cross Section -100.0 To 397.5 %

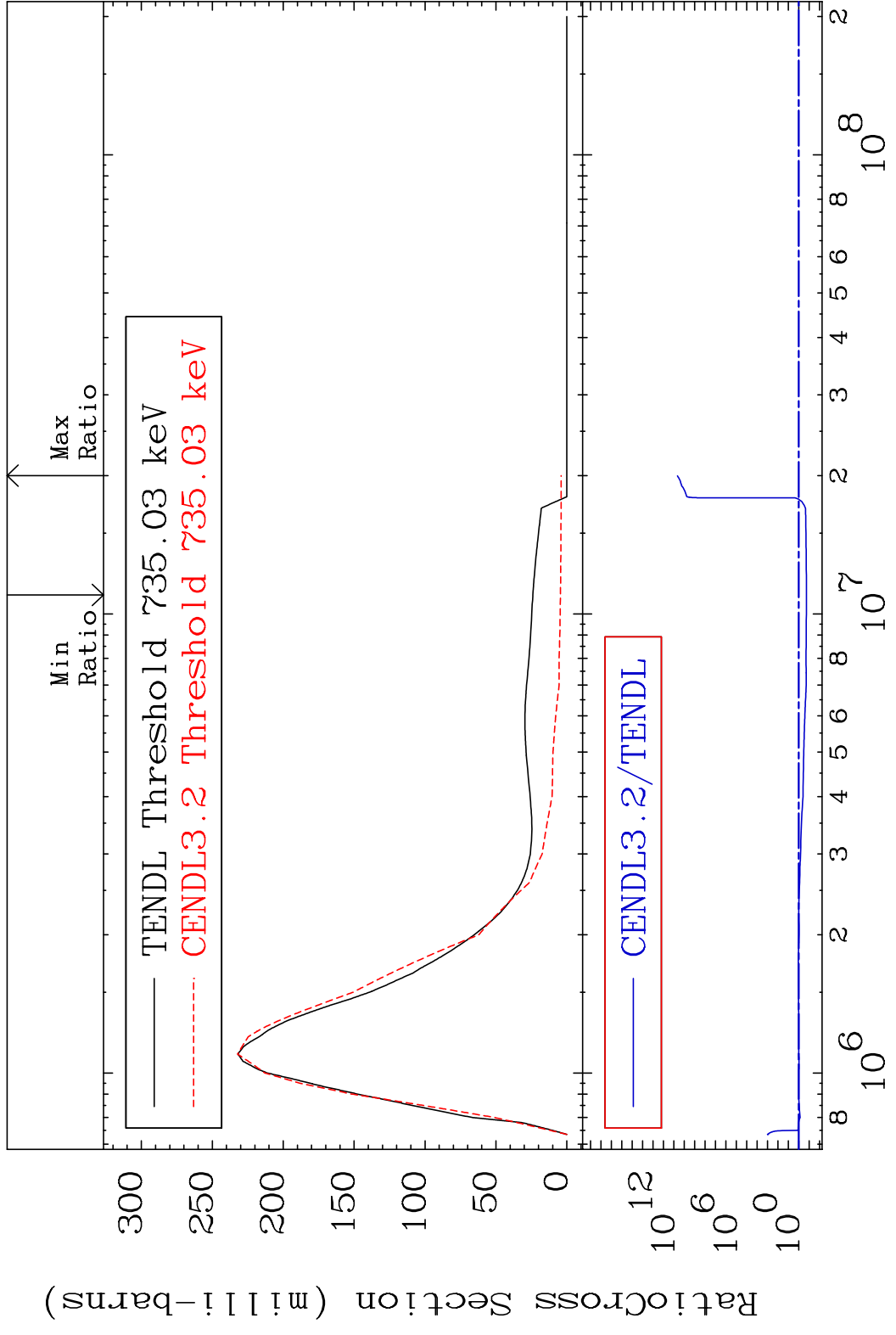


10 Incident Energy (eV) 92-U -238

MAT 9237 MT= 55 (n, n') Level 92-U -238
 Cross Section -61.17 To 33.74 %

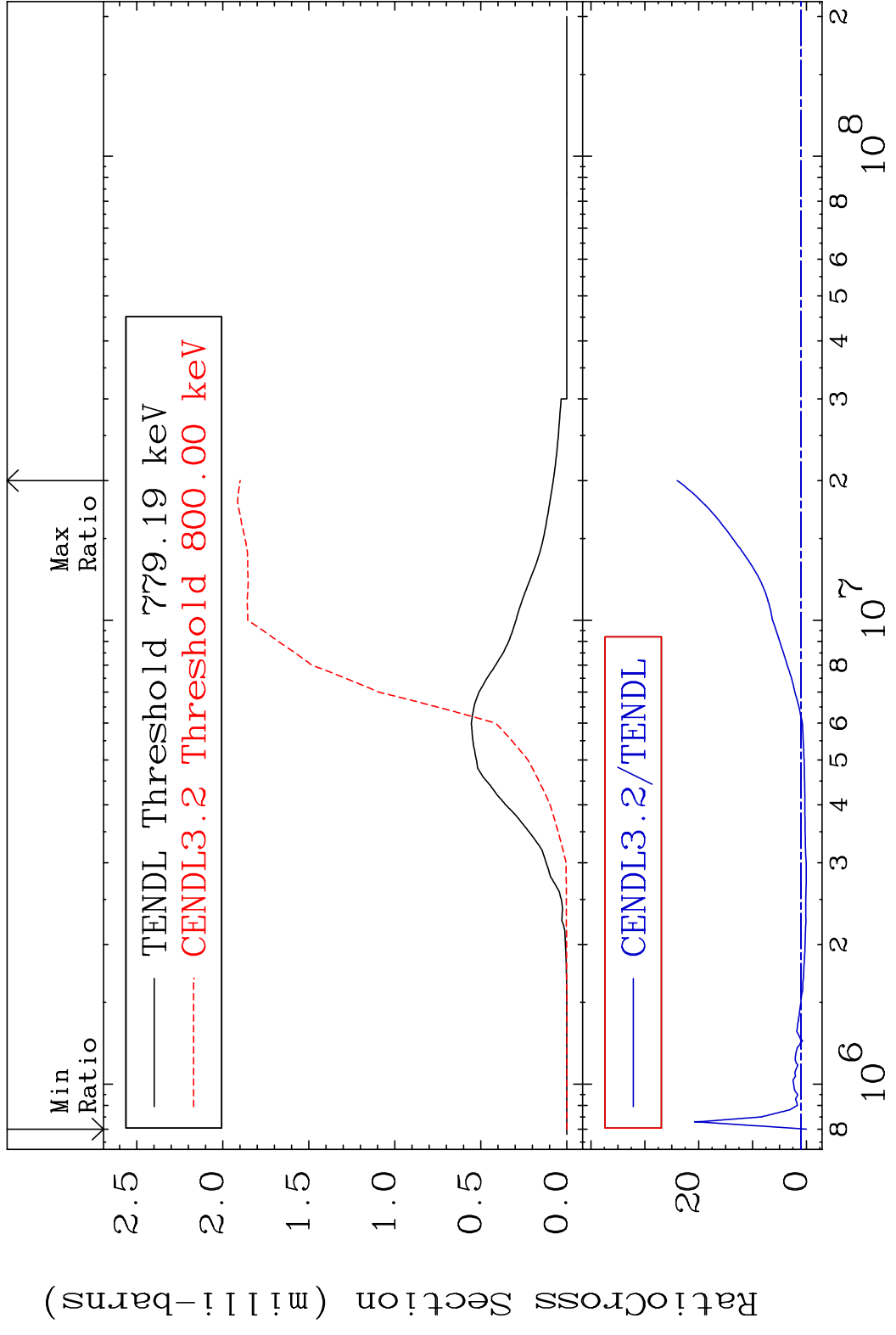


MAT 9237 MT= 56 (n,n') Level 92-U -238
 Cross Section -81.18 To 9999. %



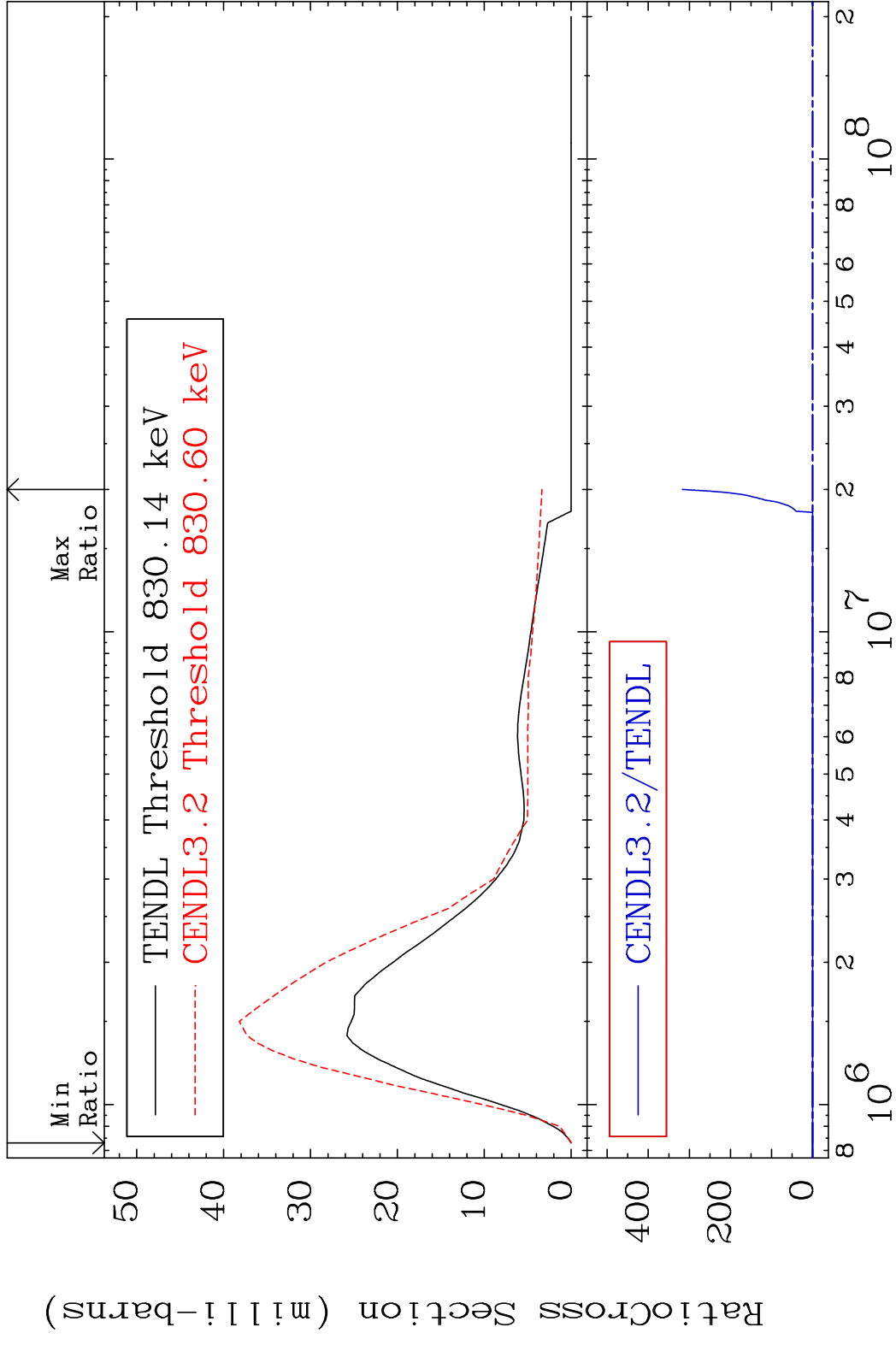
12 Incident Energy (eV) 92-U -238

MAT 9237 MT= 57 (n, n') Level 92-U -238
 Cross Section -100.0 To 2299. %



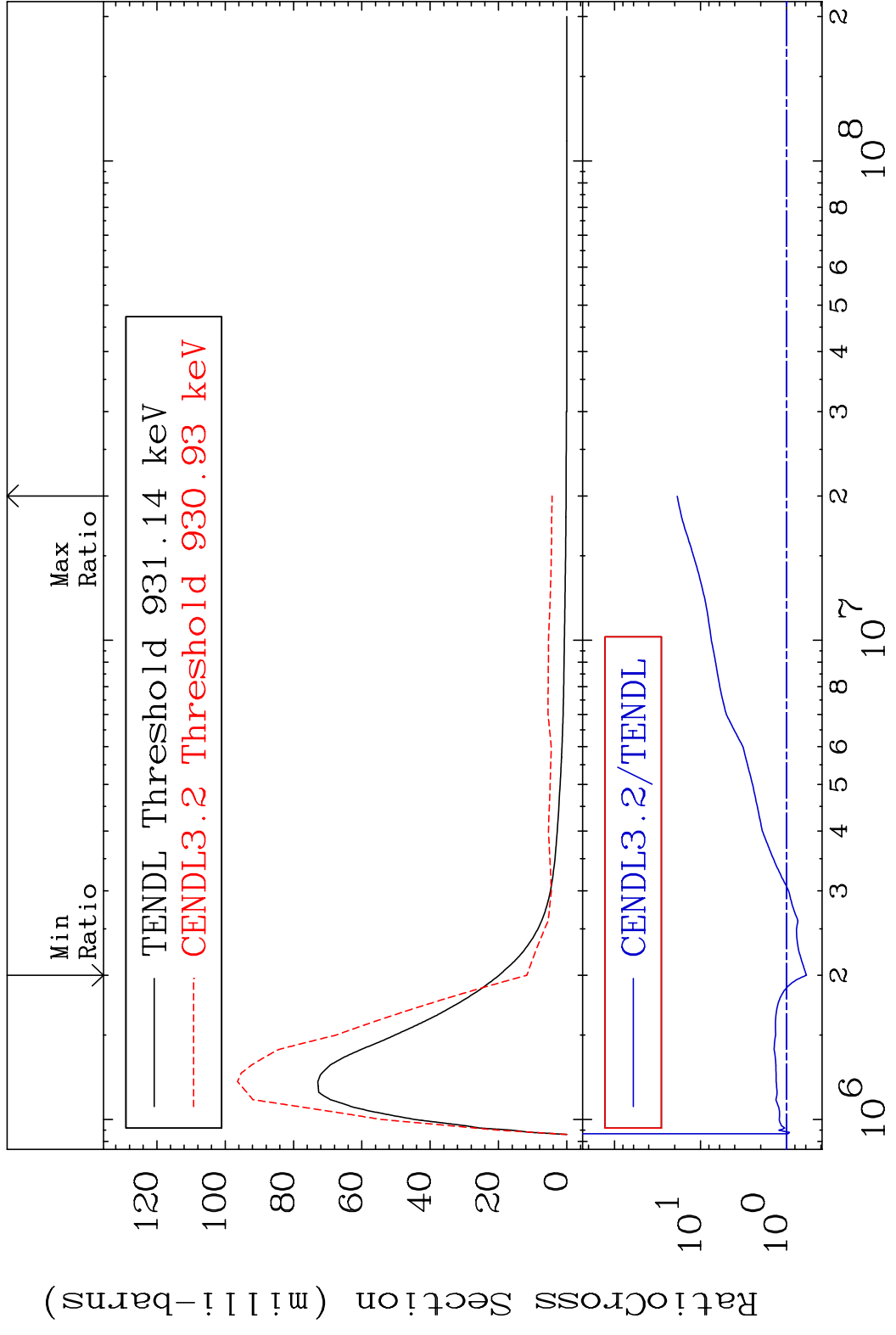
13 Incident Energy (eV) 92-U -238

MAT 9237 MT= 58 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



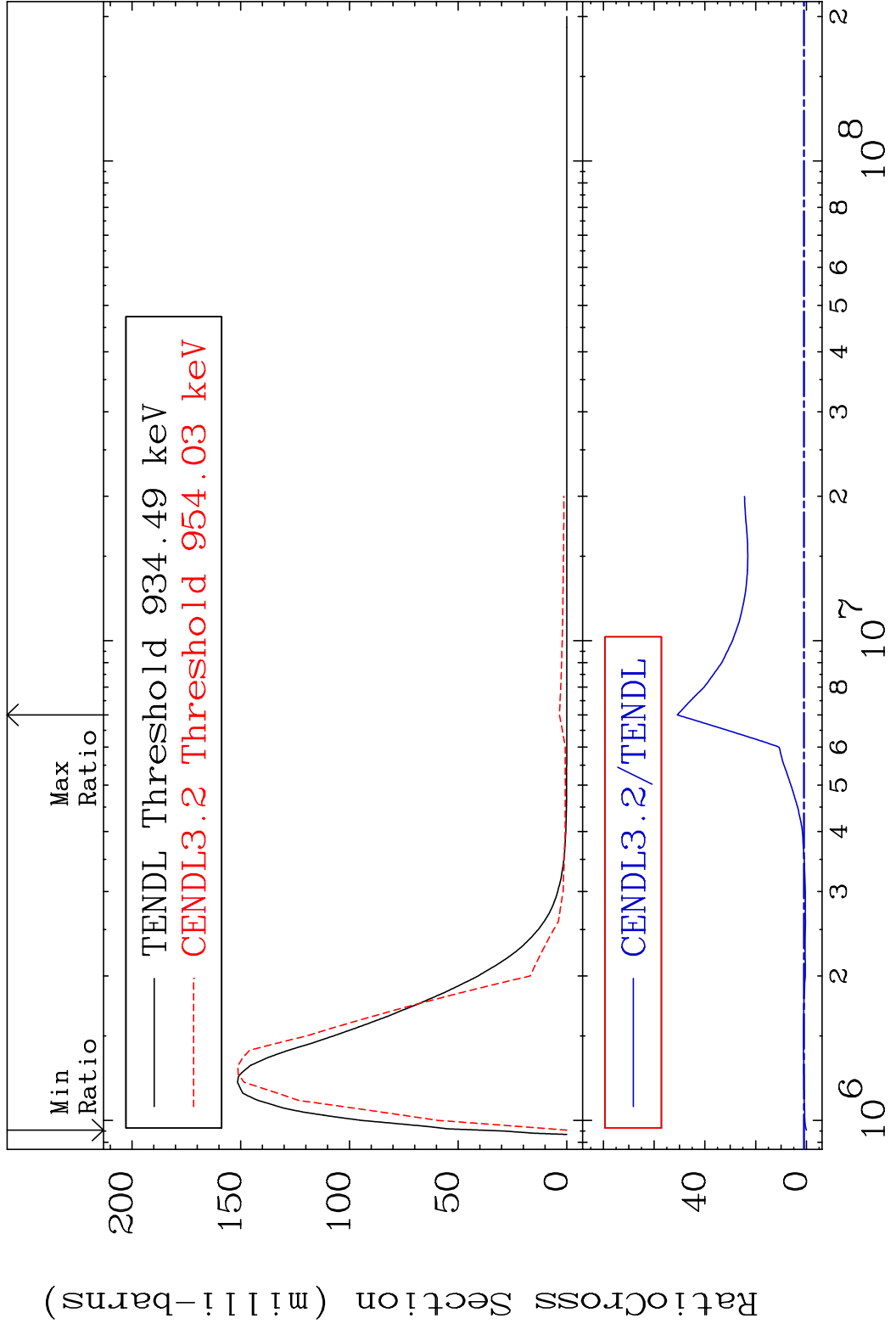
14 Incident Energy (eV) 92-U -238

MAT 9237 MT= 59 (n, n') Level 92-U -238
 Cross Section -41.06 To 1769. %



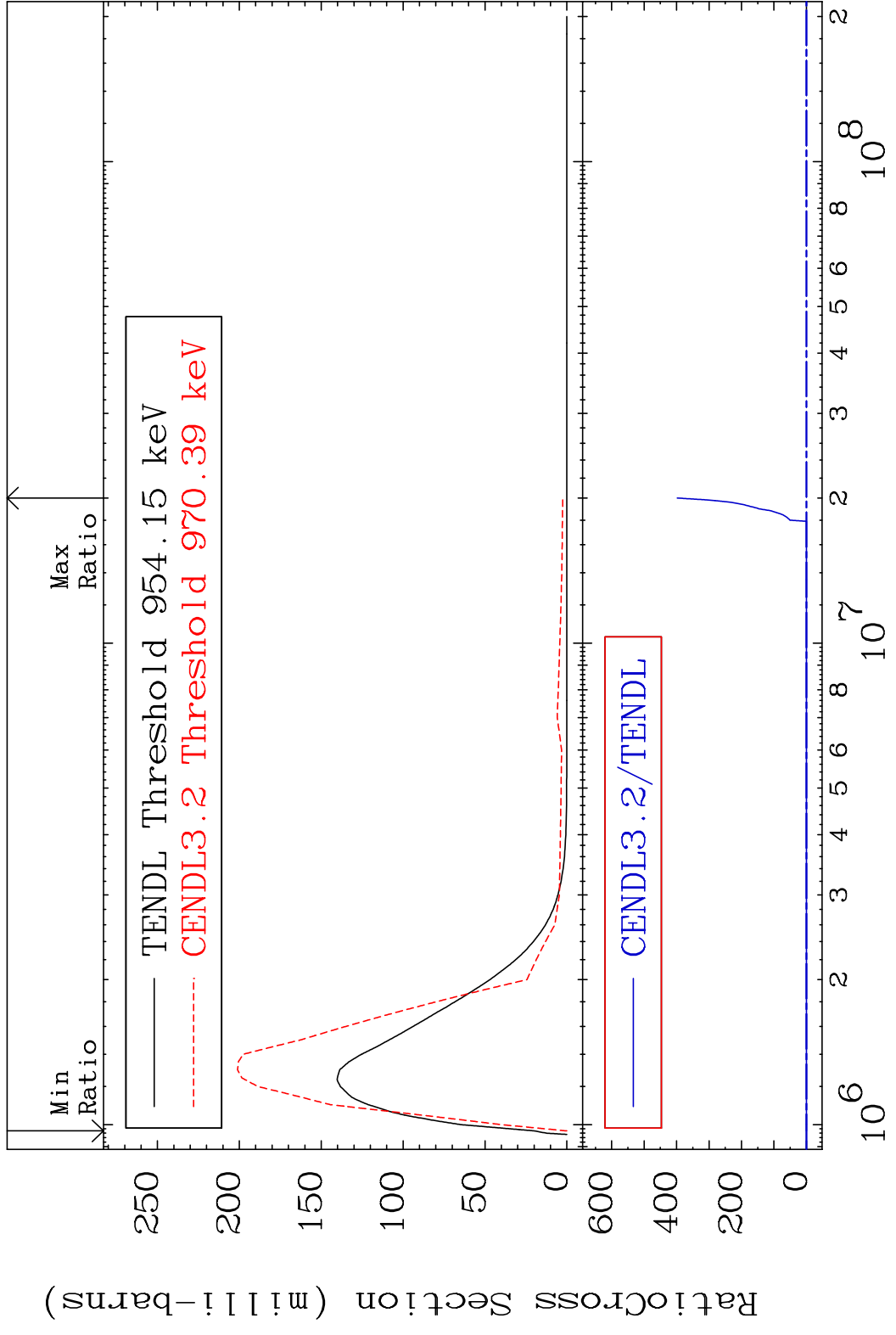
15 Incident Energy (eV) 92-U -238

MAT 9237 MT= 60 (n, n') Level 92-U -238
 Cross Section -100.0 To 4992. %



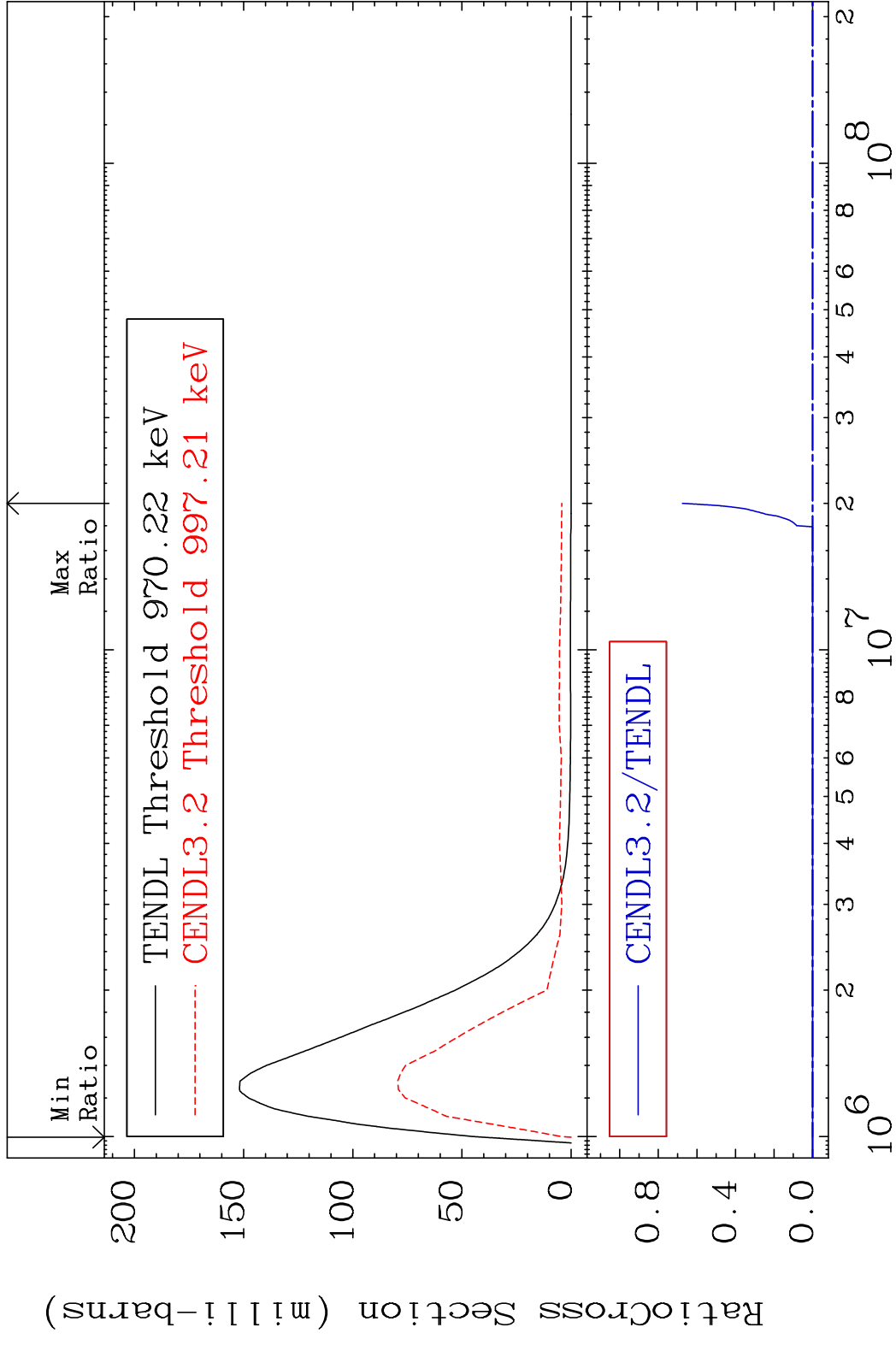
16 Incident Energy (eV) 92-U -238

MAT 9237 MT= 61 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



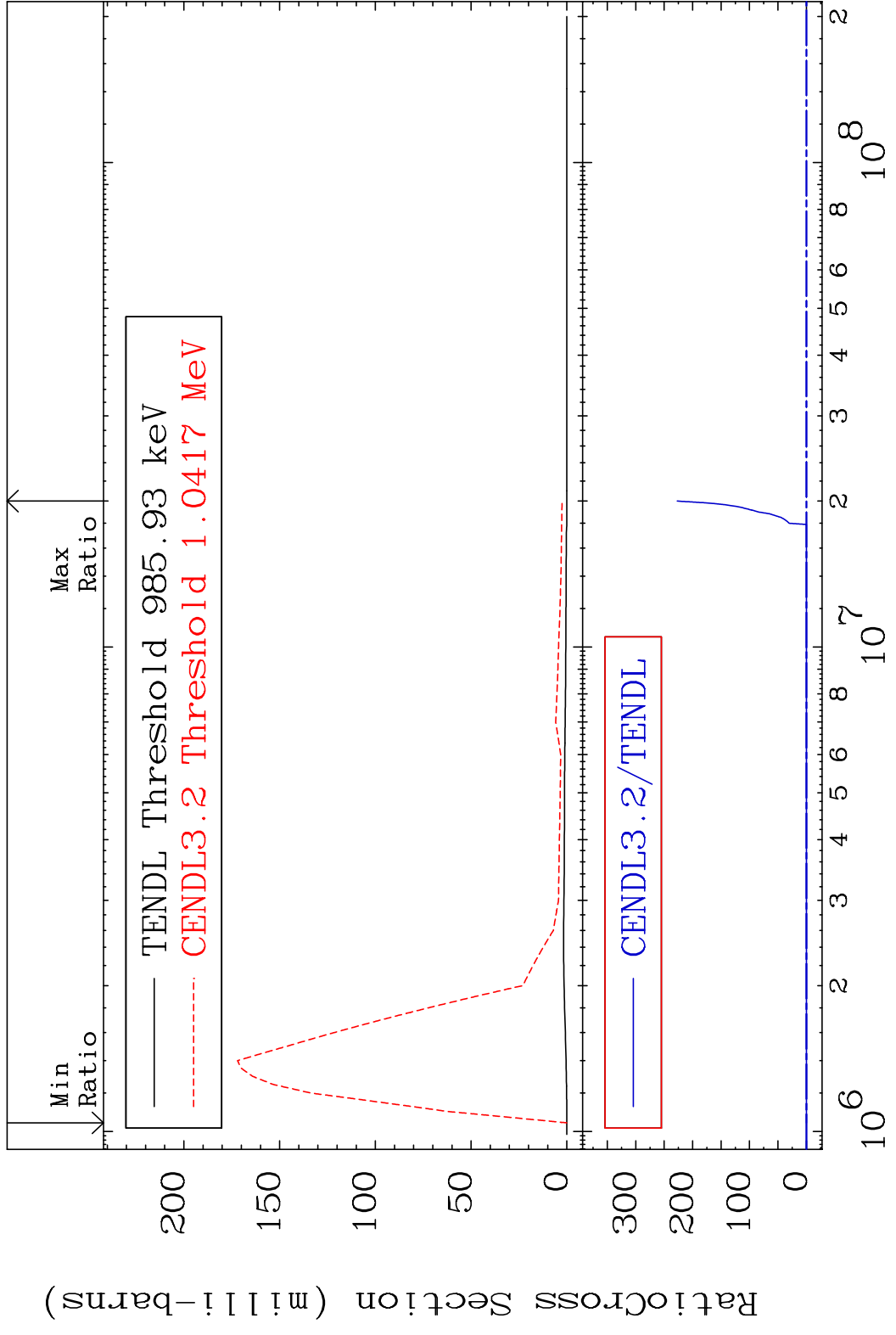
17 Incident Energy (eV) 92-U -238

MAT 9237 MT= 62 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



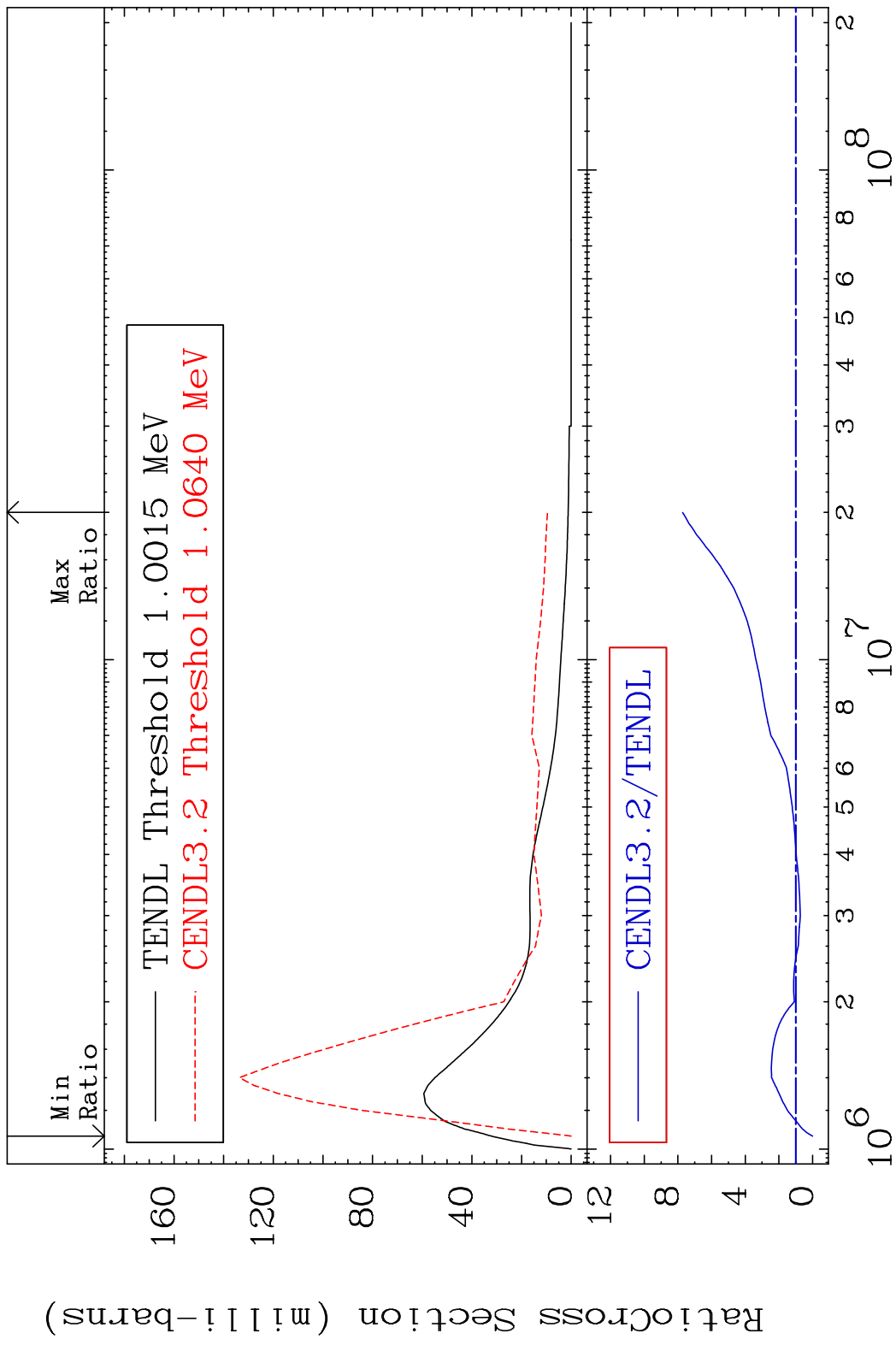
18 Incident Energy (eV) 92-U -238

MAT 9237 MT= 63 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



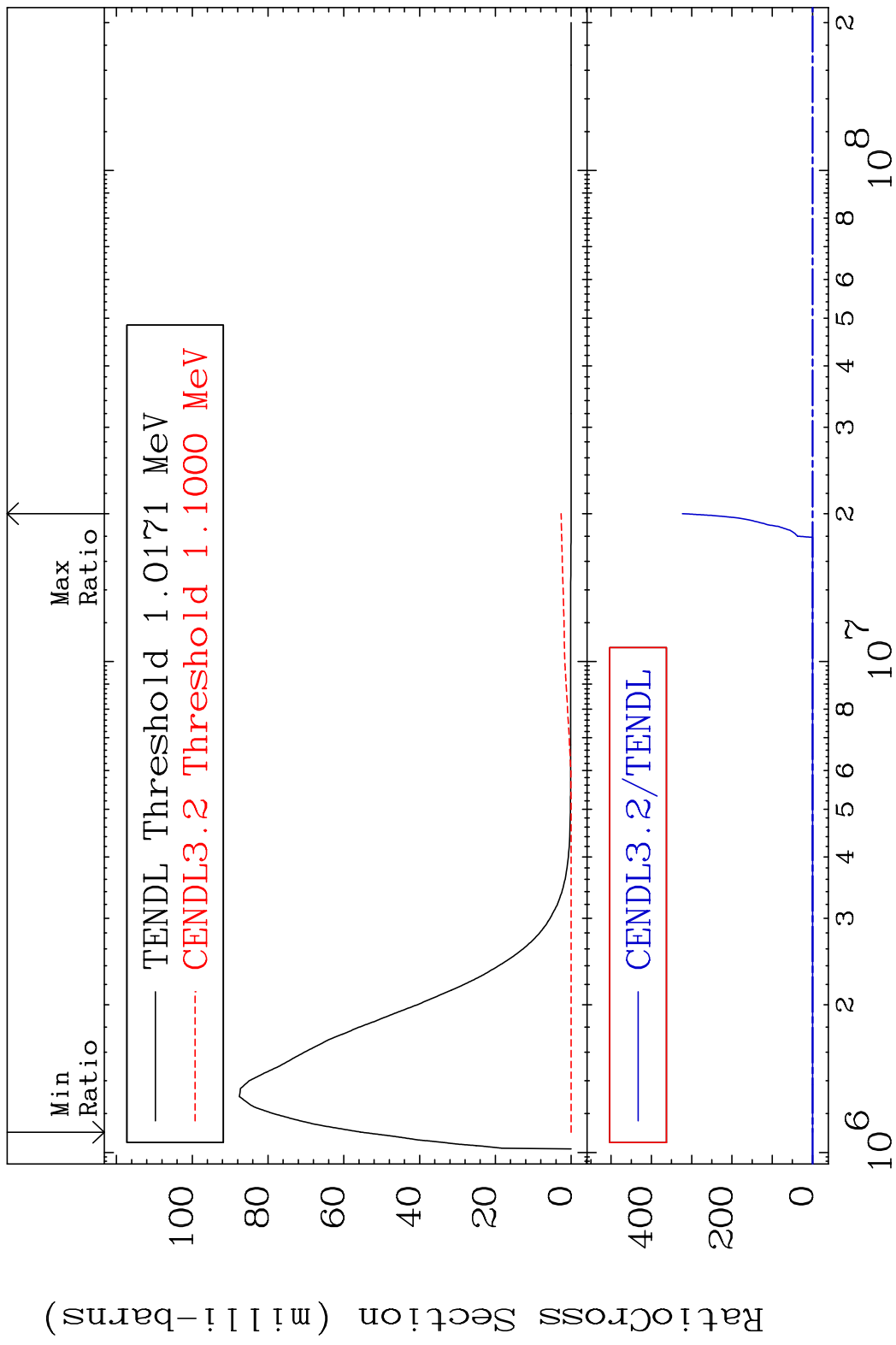
19 92-U -238

MAT 9237 MT= 64 (n, n') Level 92-U -238
 Cross Section -100.0 To 673.6 %



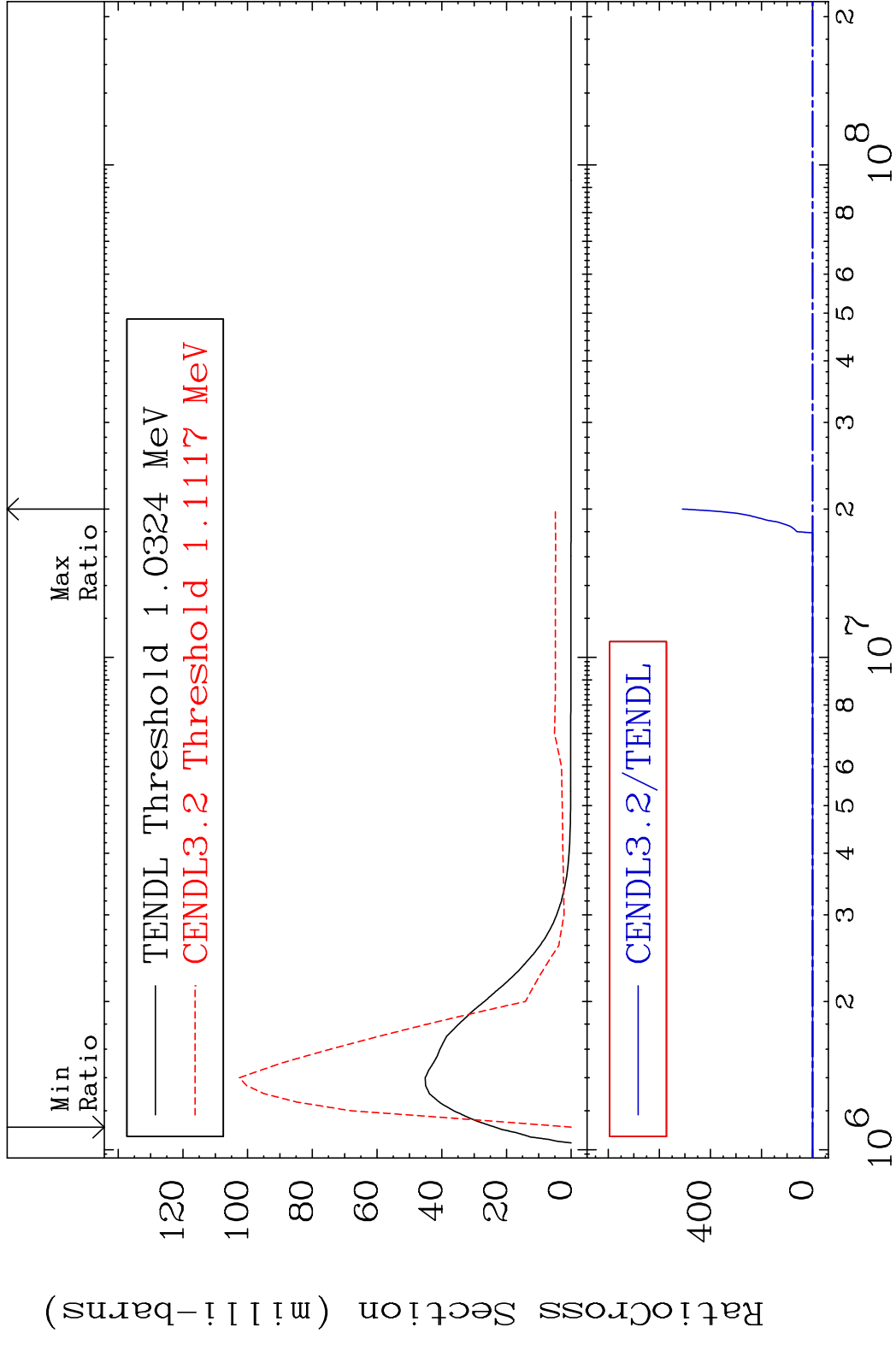
20 12 8 4 0 160 120 80 40 0 10⁶ 10⁷ 10⁸ 2 3 4 5 6 8 92-U -238

MAT 9237 MT= 65 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %

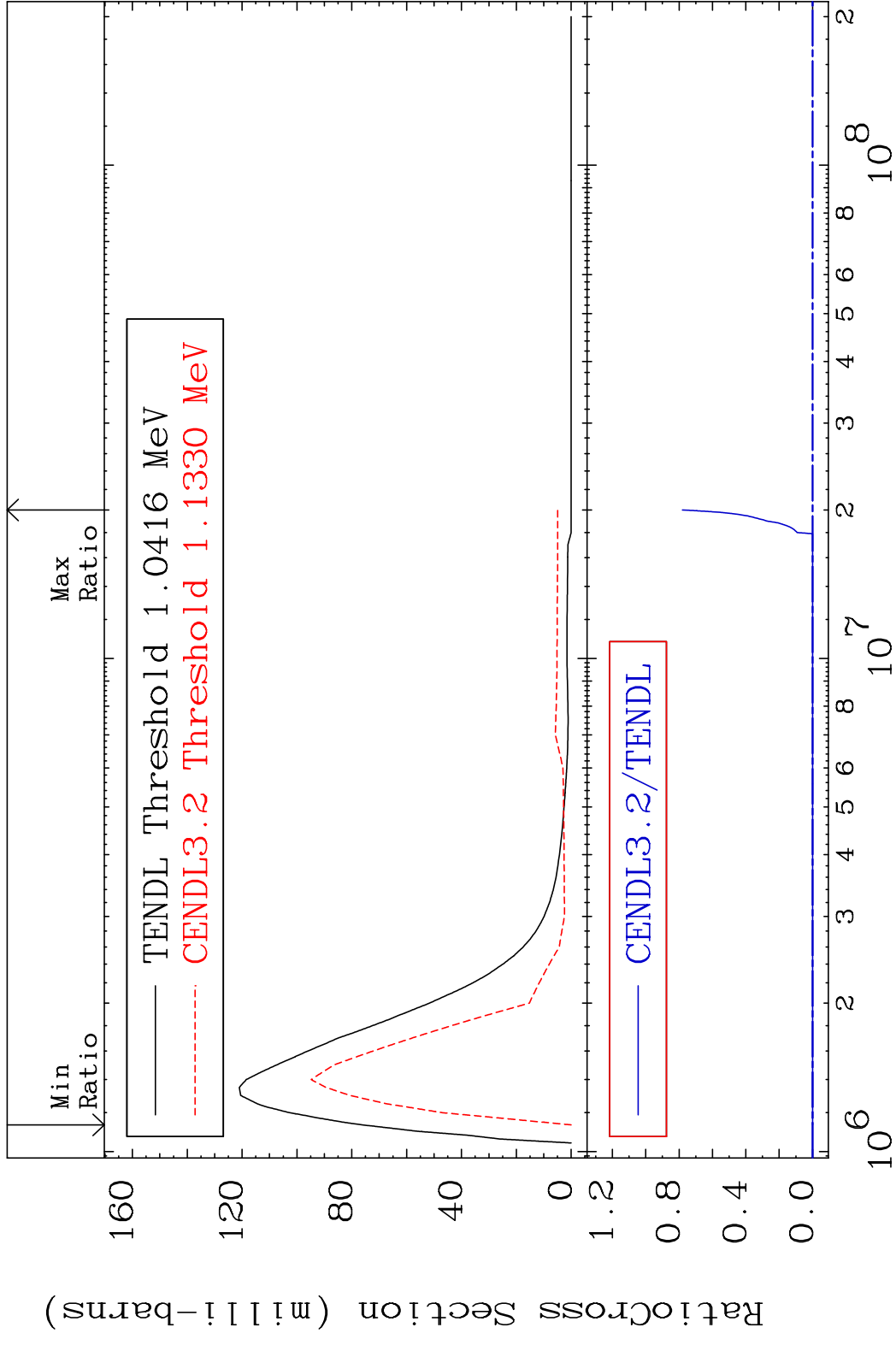


21 Incident Energy (eV) 92-U -238

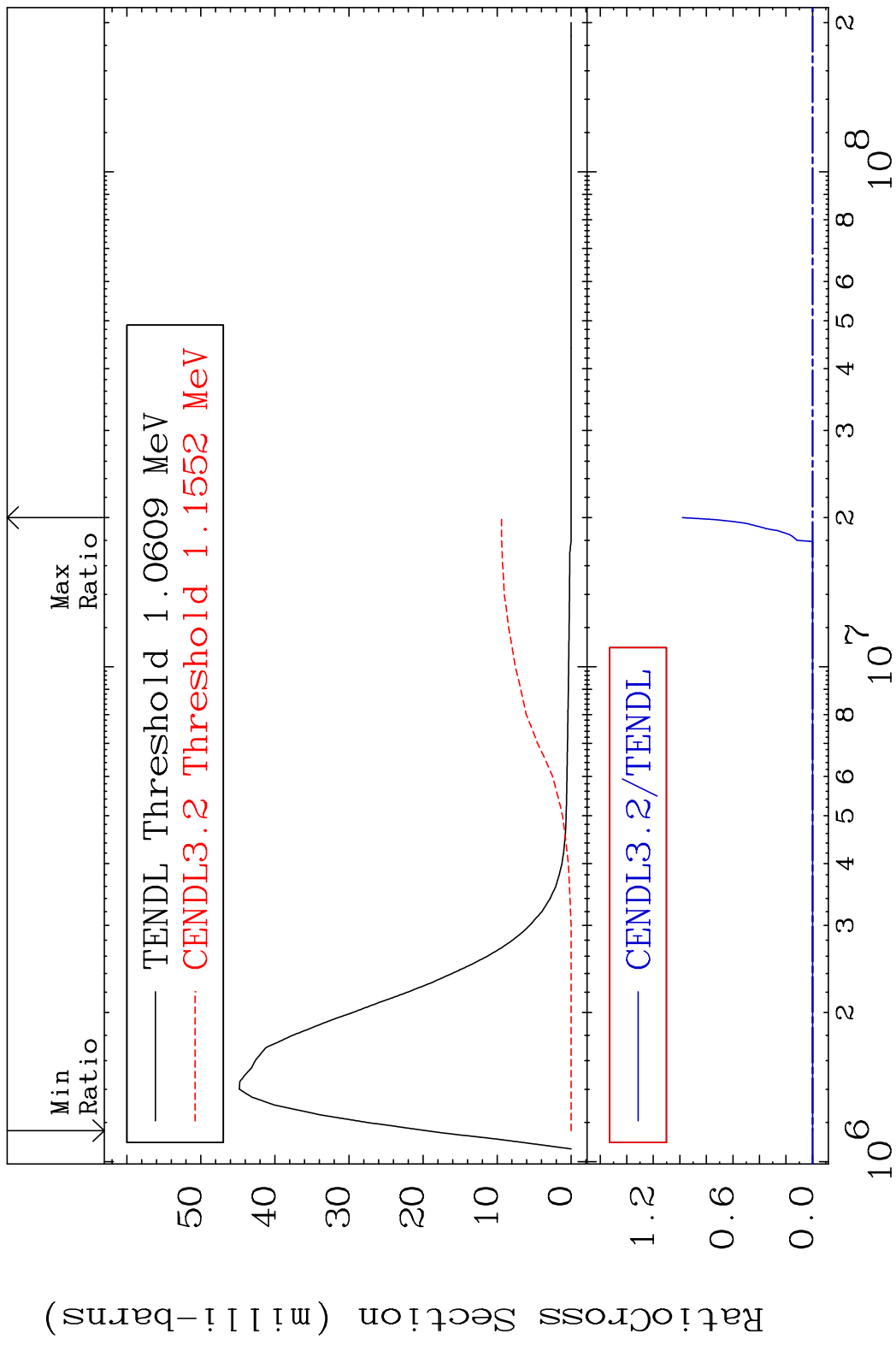
MAT 9237 MT= 66 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



MAT 9237 MT= 67 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %

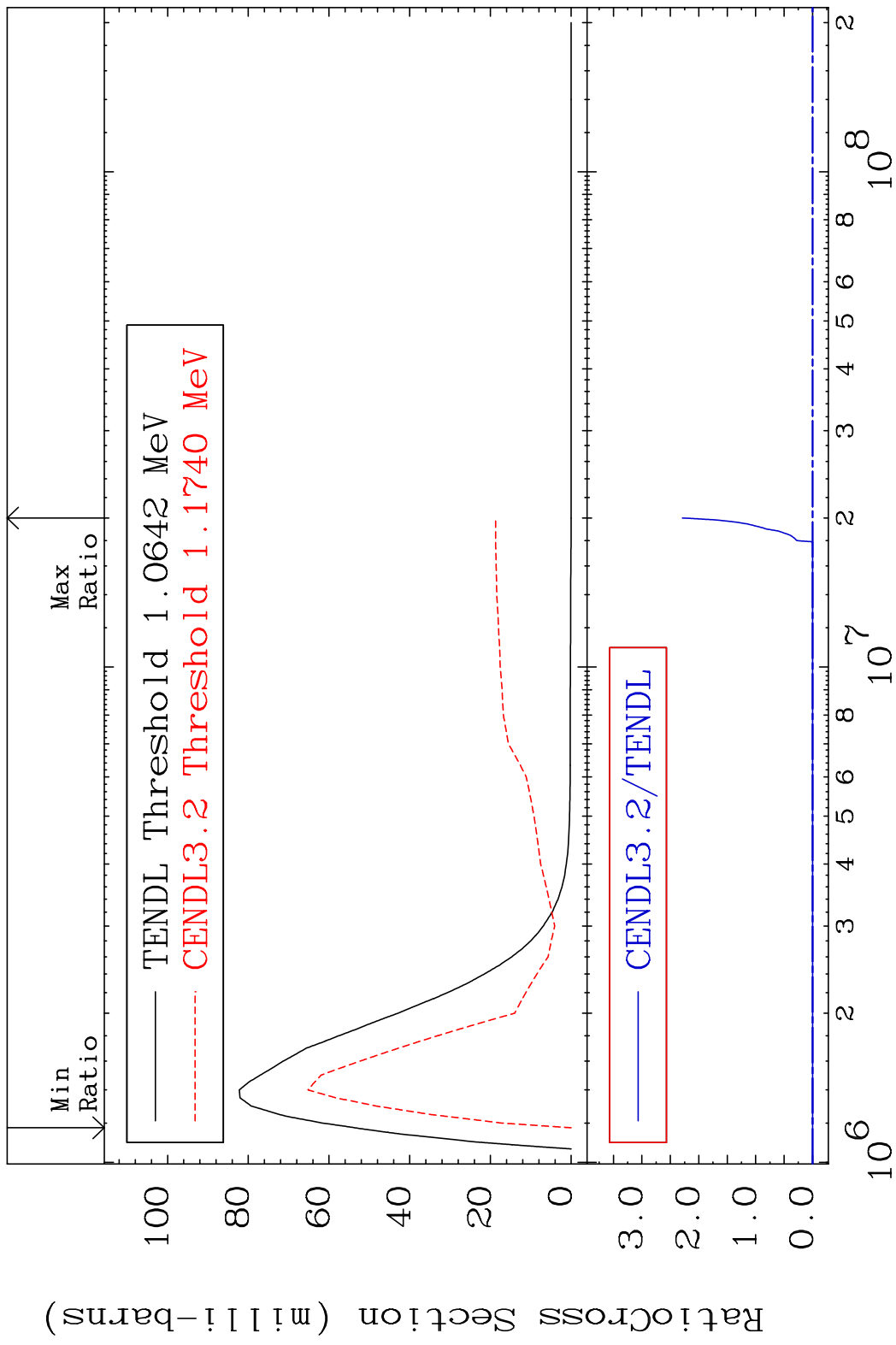


MAT 9237 MT= 68 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



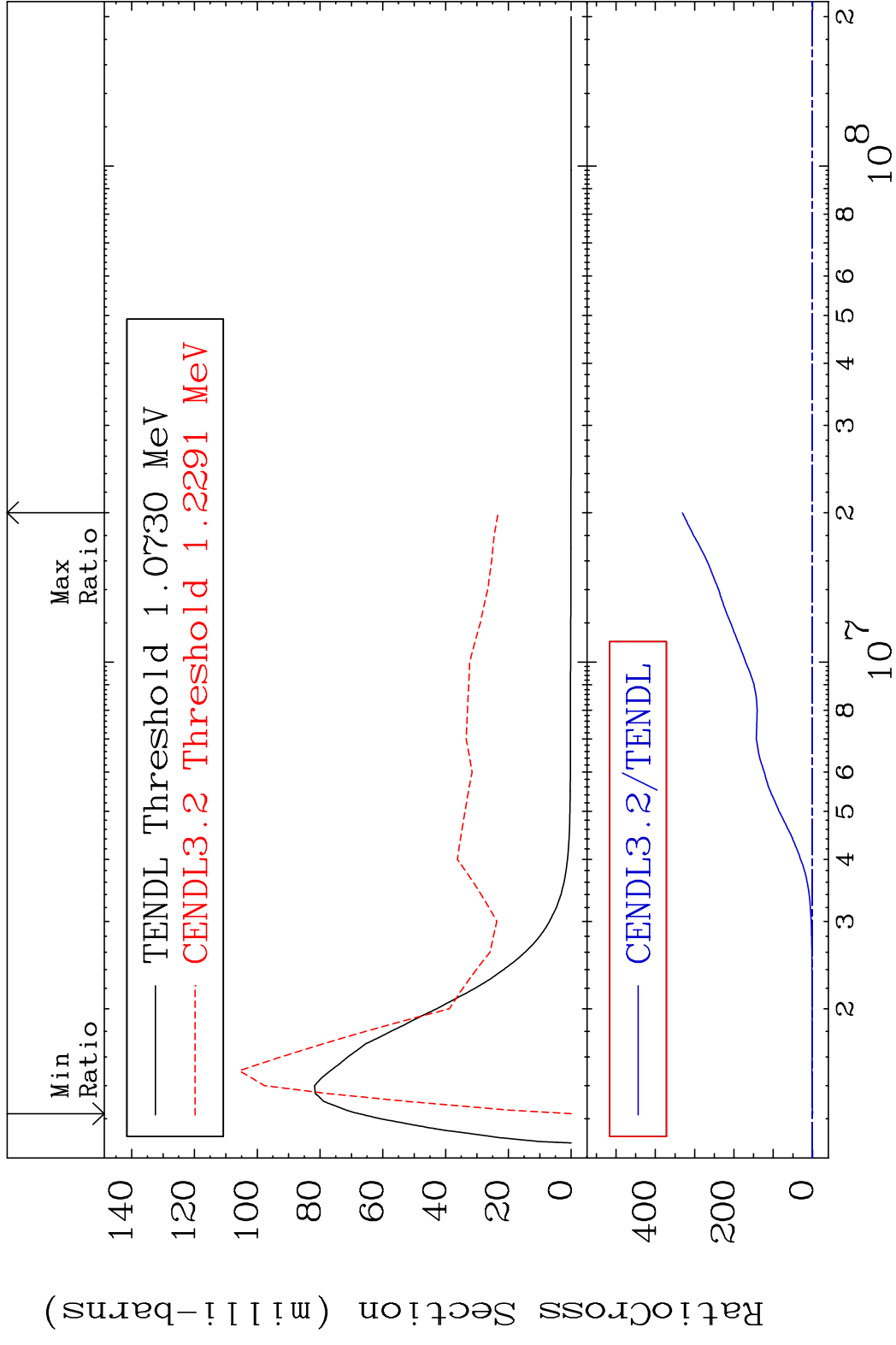
24 Incident Energy (eV) 92-U -238

MAT 9237 MT= 69 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %

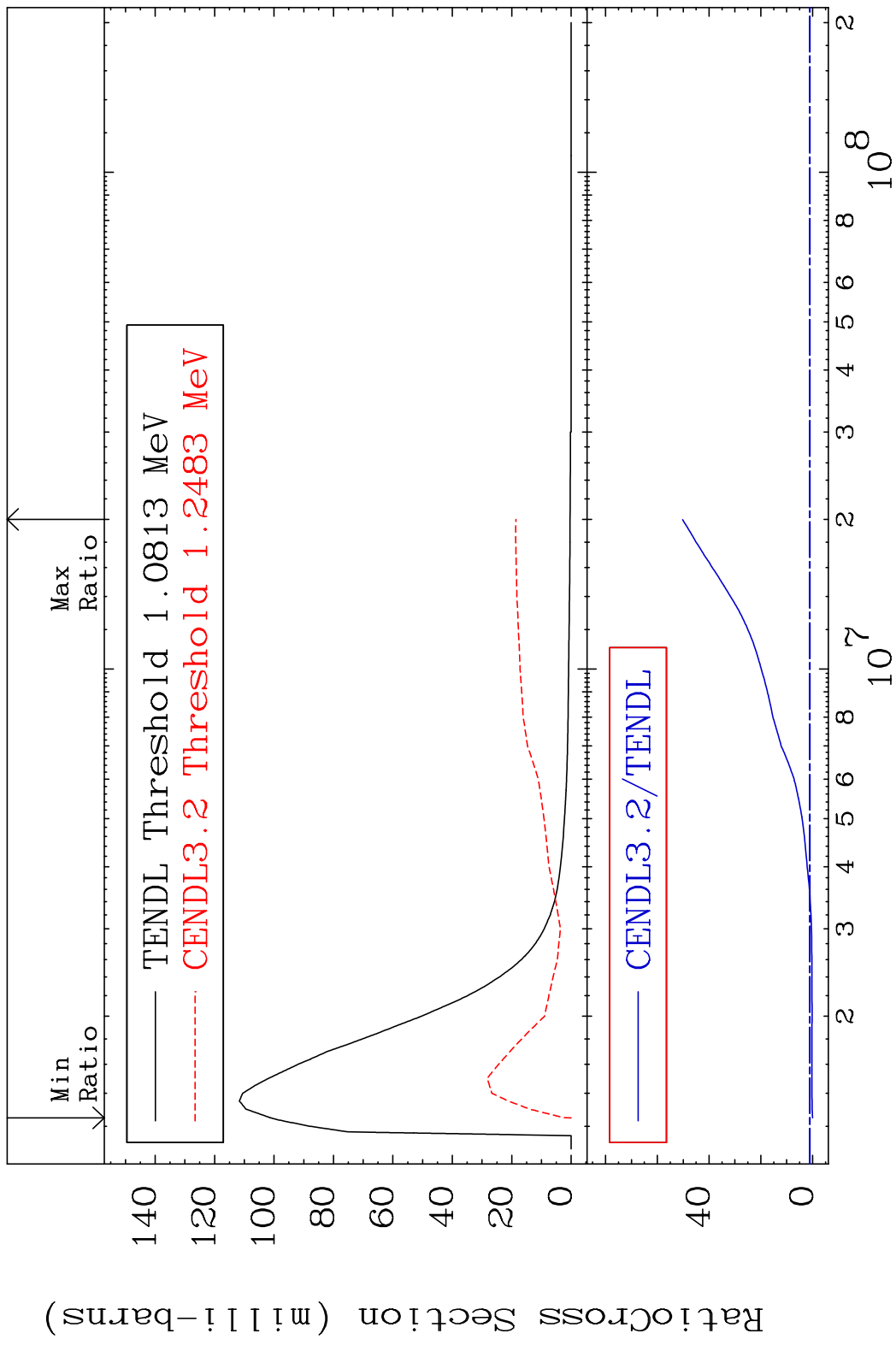


25 Incident Energy (eV) 92-U -238

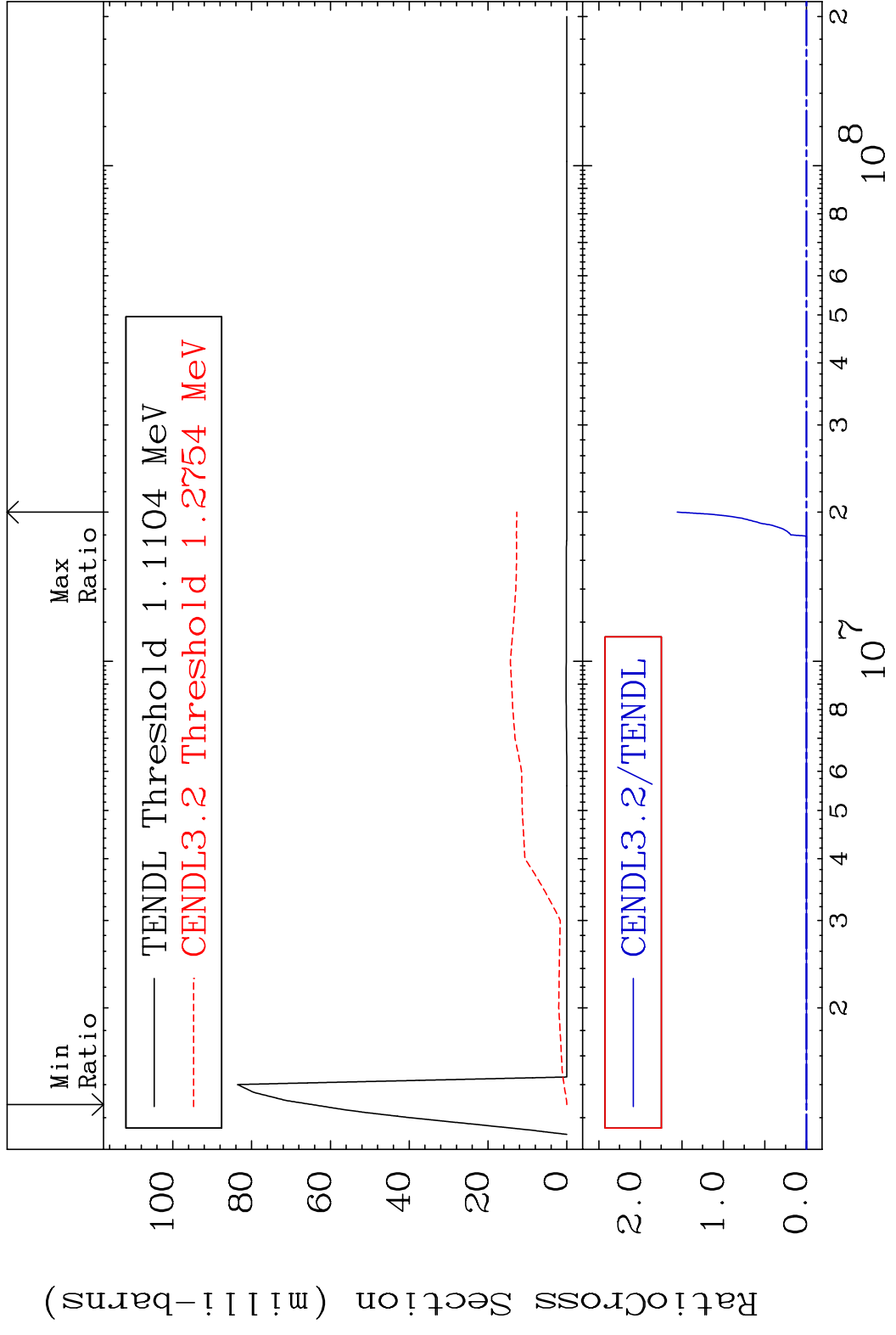
MAT 9237 MT= 70 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



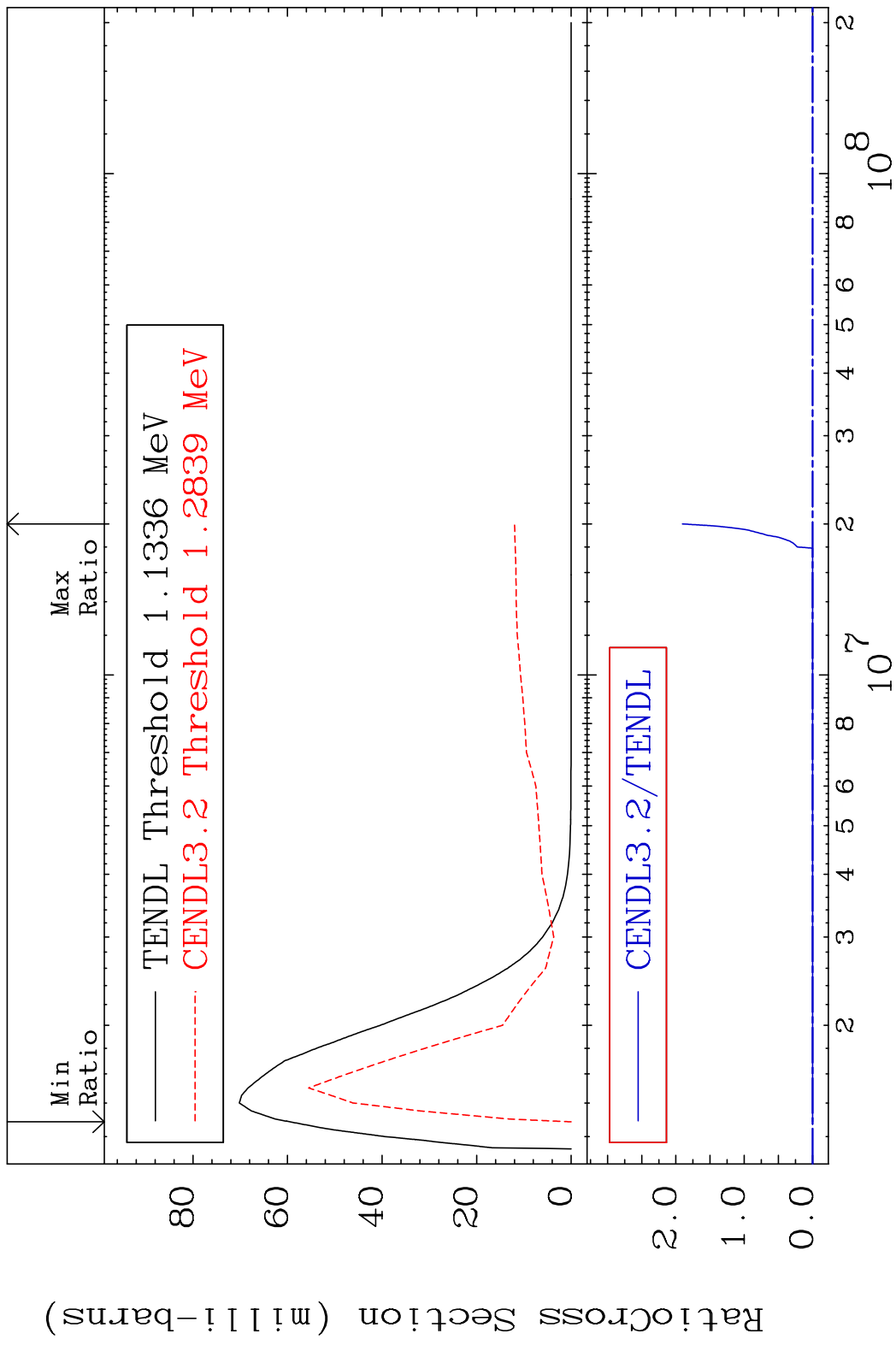
MAT 9237 MT= 71 (n, n') Level 92-U -238
 Cross Section -100.0 To 4932. %



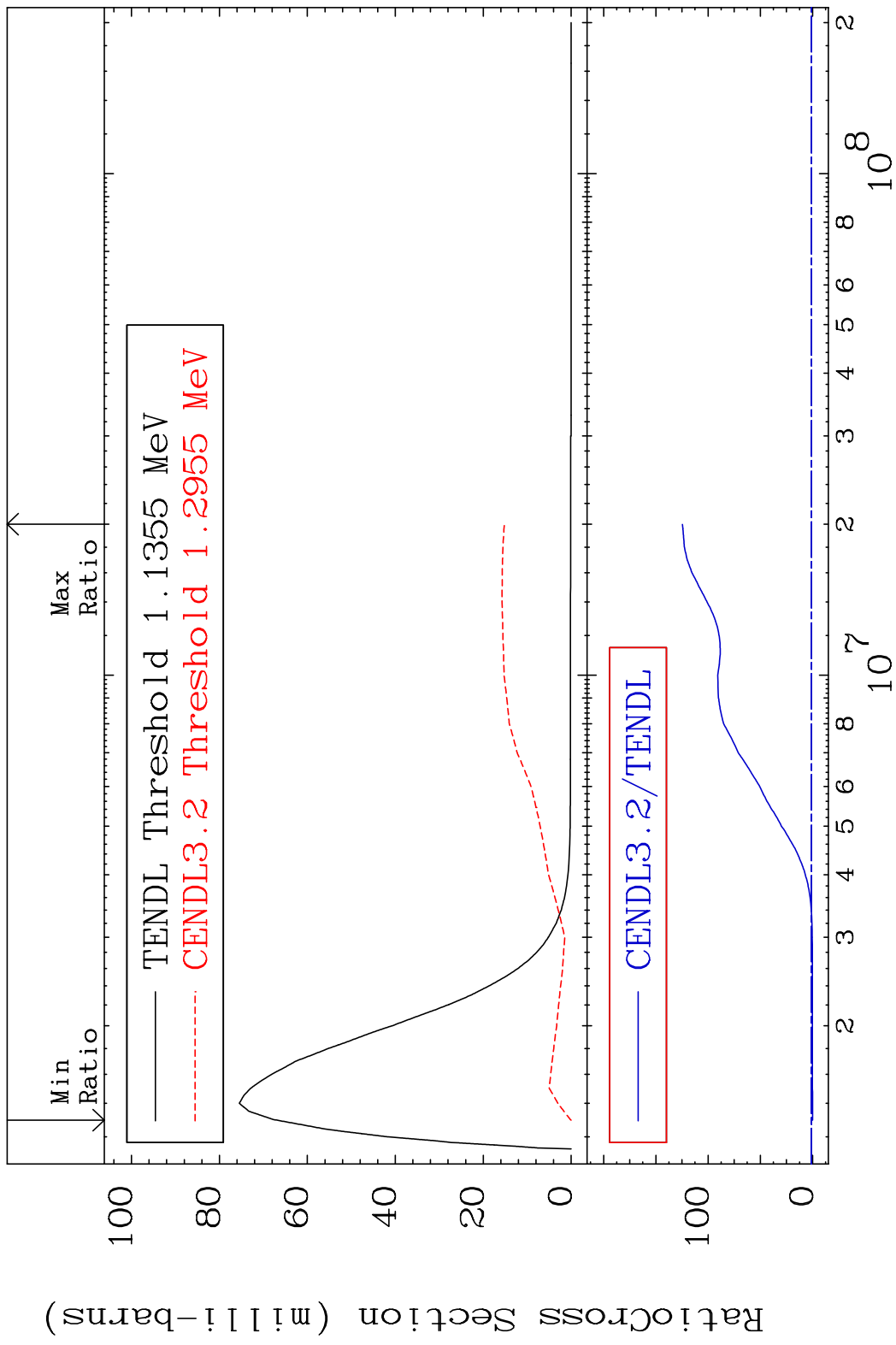
MAT 9237 MT= 72 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



MAT 9237 MT= 73 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %

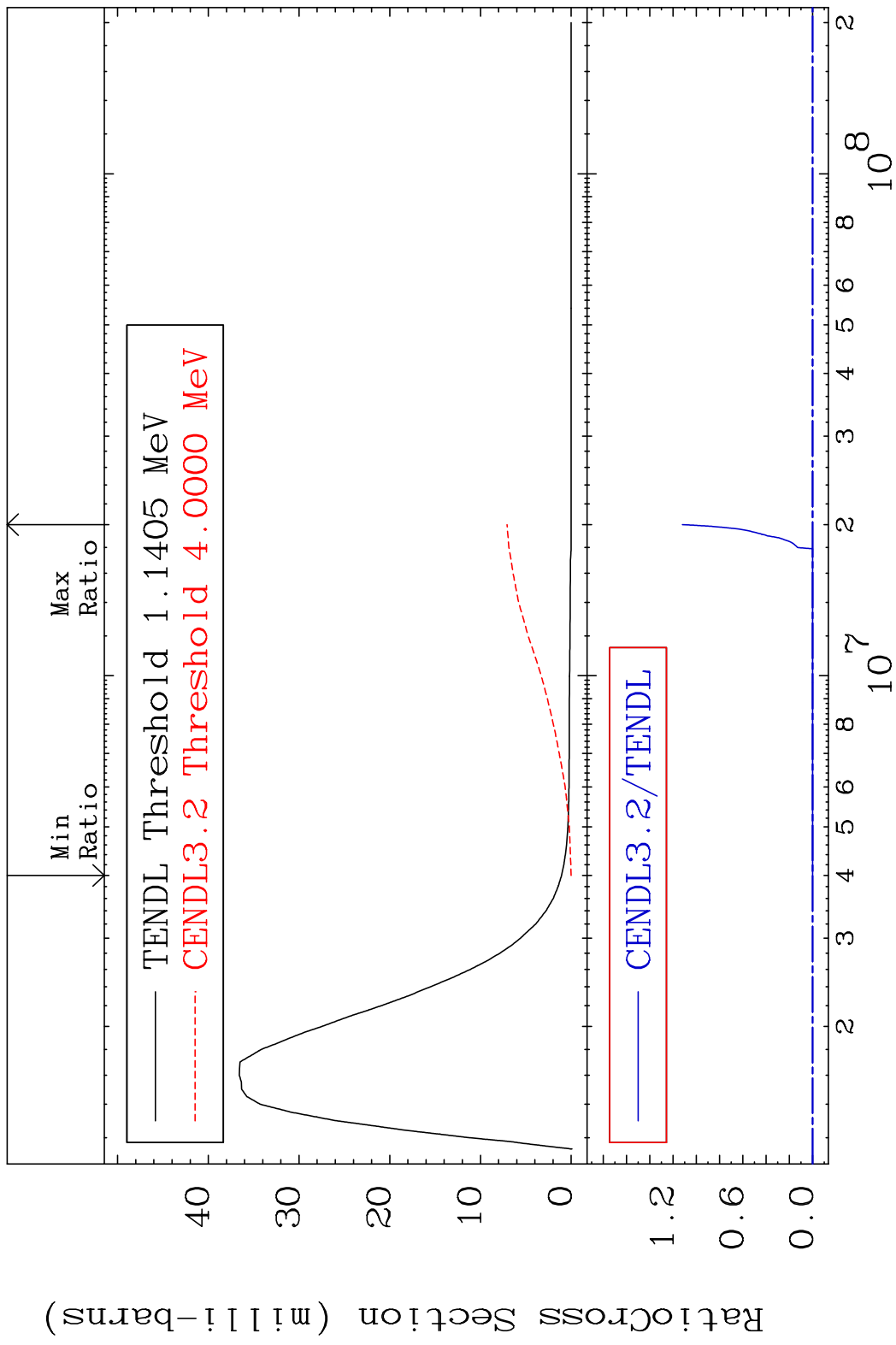


MAT 9237 MT= 74 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %

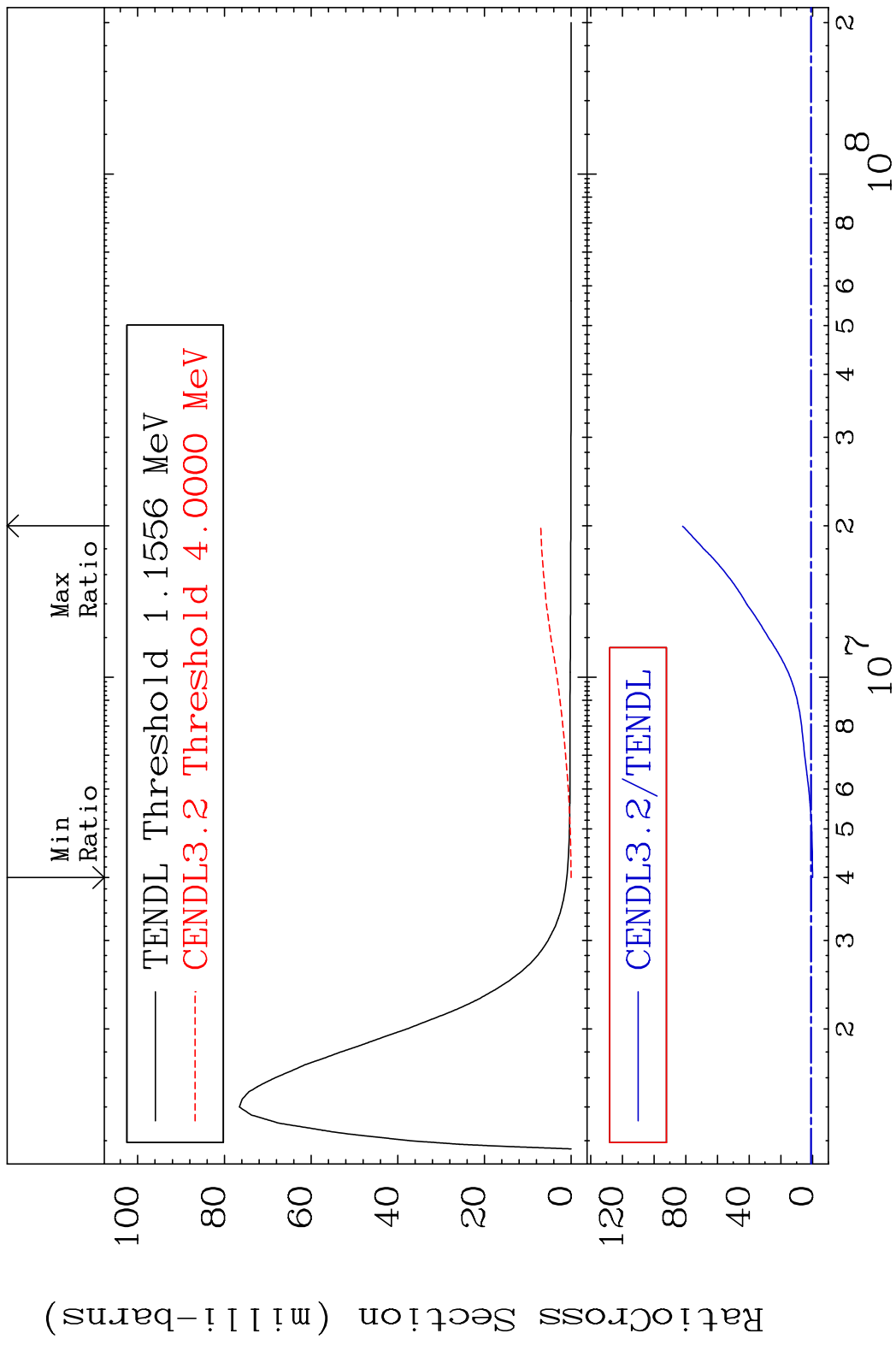


30 Incident Energy (eV) 92-U -238

MAT 9237 MT= 75 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



MAT 9237 MT= 76 (n, n') Level 92-U -238
 Cross Section -100.0 To 8114. %

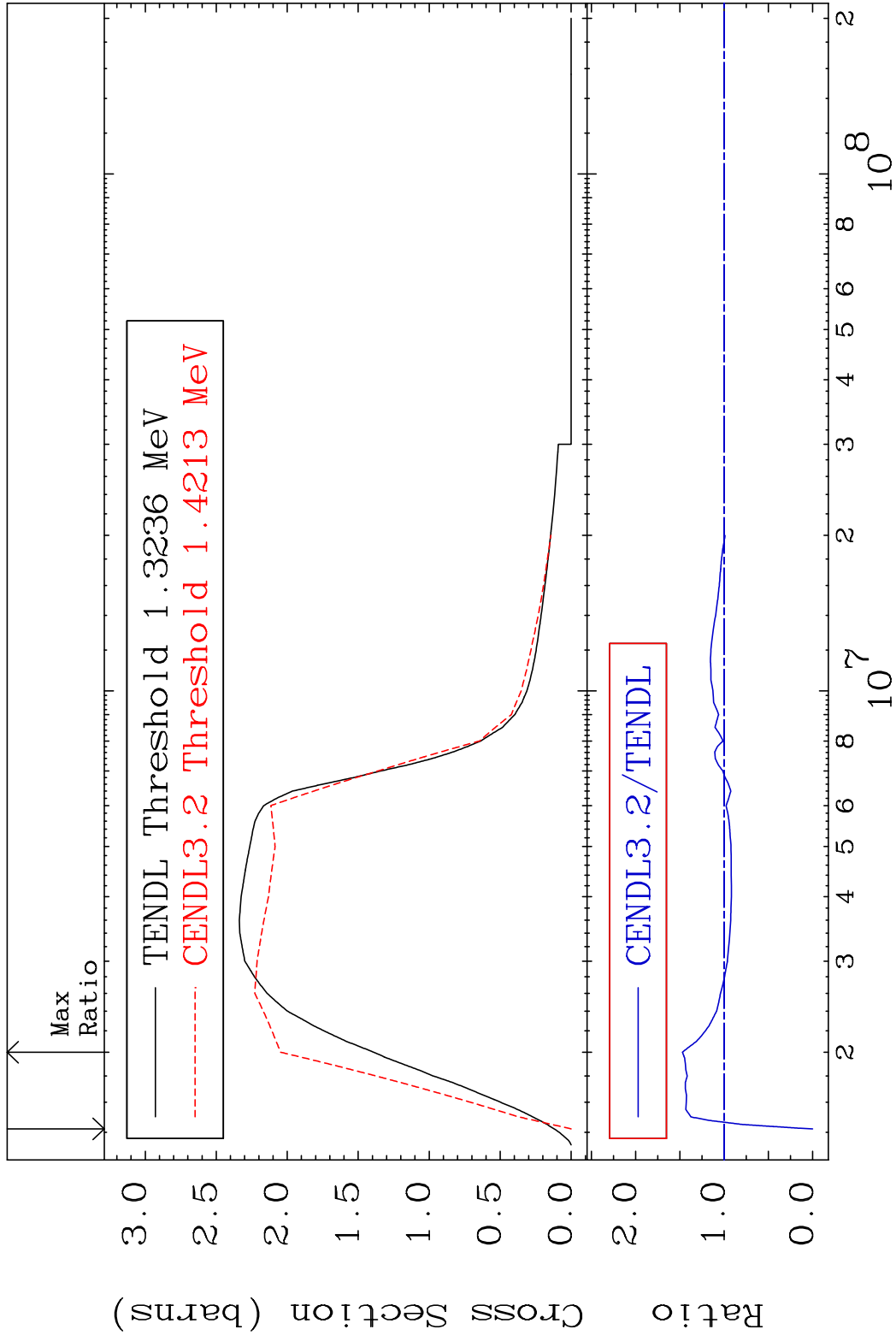


MAT 9237

(n, n') Continuum

92-U -238

Cross Section -100.0 To 47.16 %

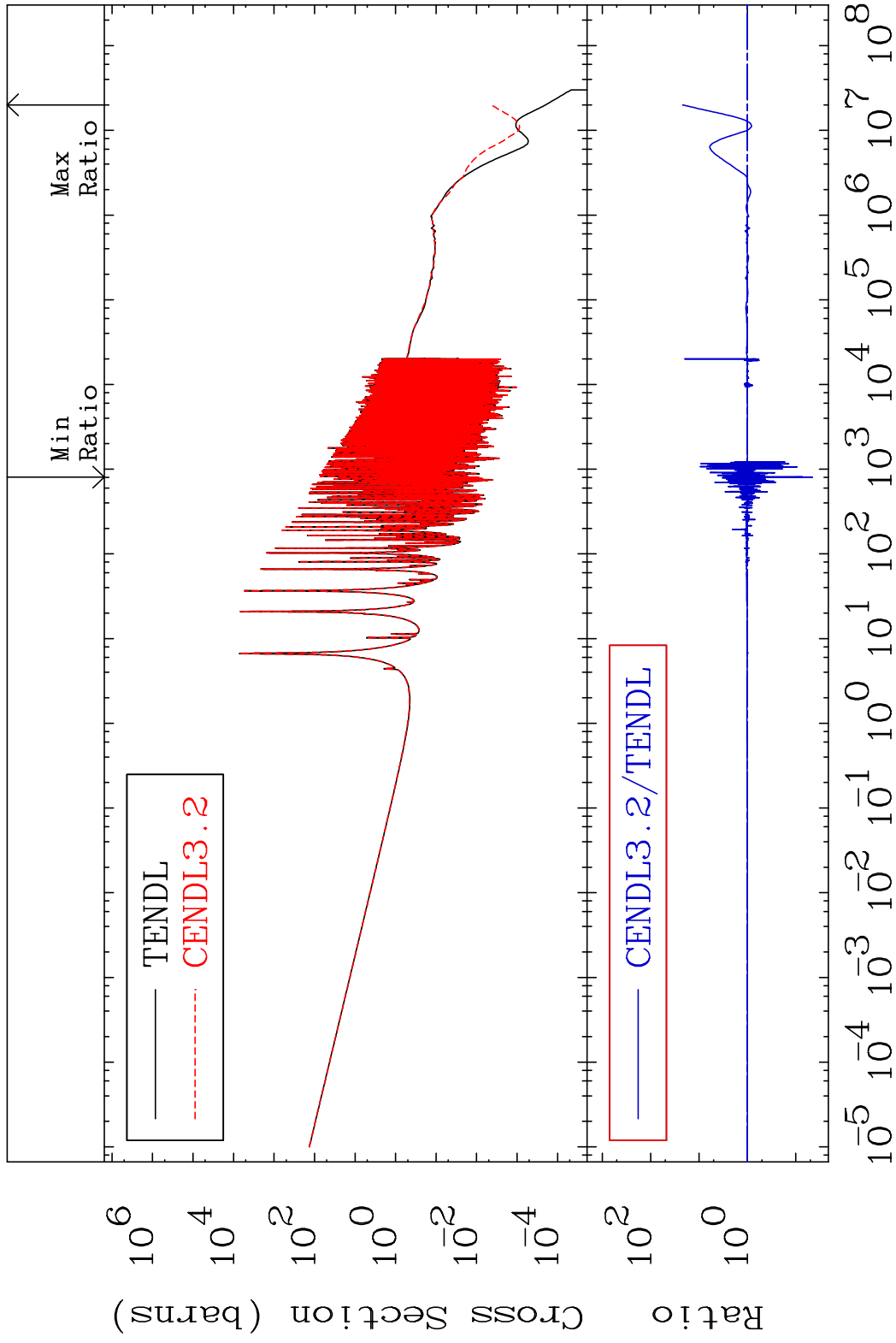


MAT 9237

(n, γ)

92-U -238

Cross Section -95.52 To 2106. %

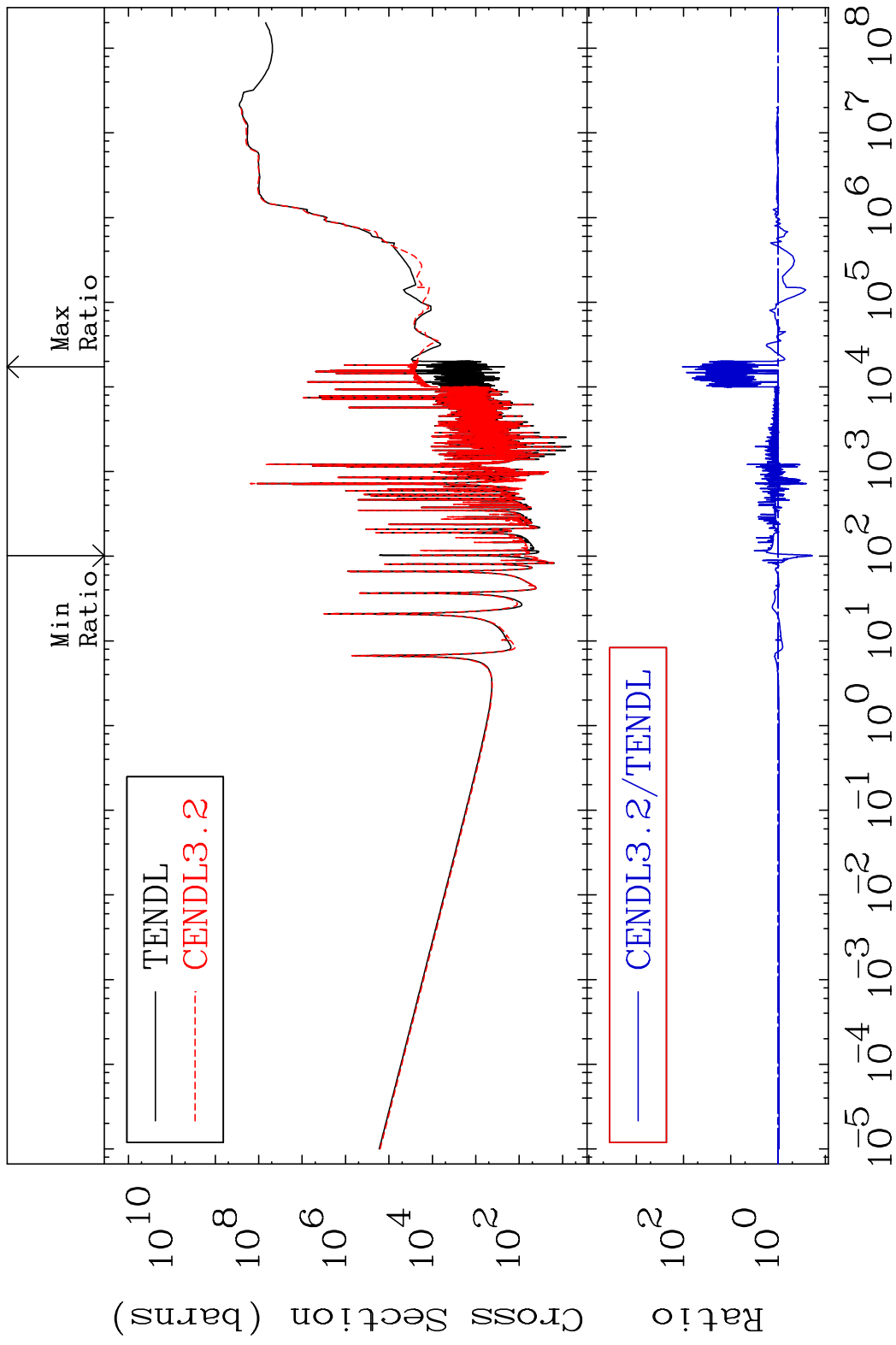


34

Incident Energy (eV)

92-U -238

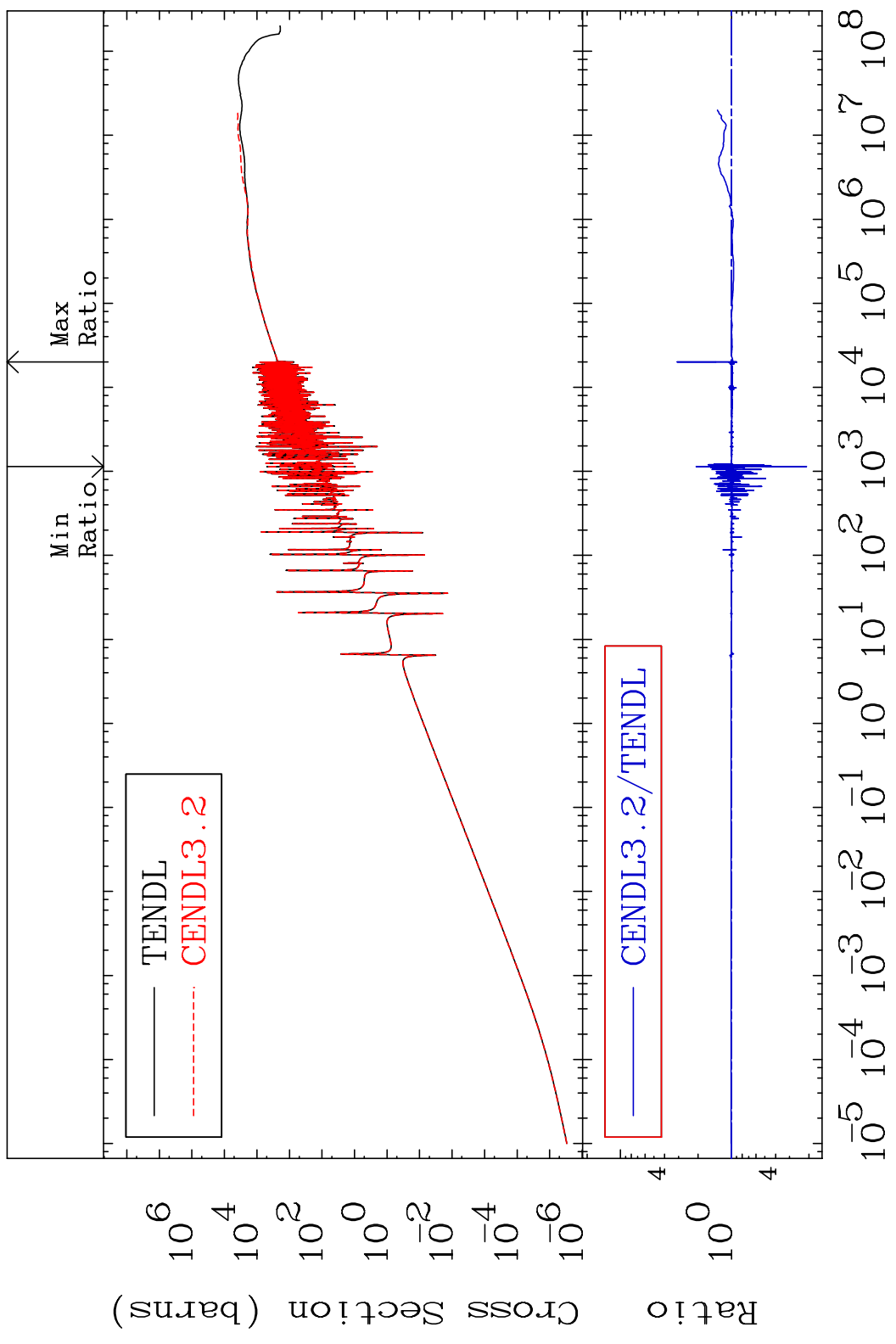
MAT 9237 Kerma total (eV-barns) 92-U -238
 Cross Section -81.28 To 9999. %



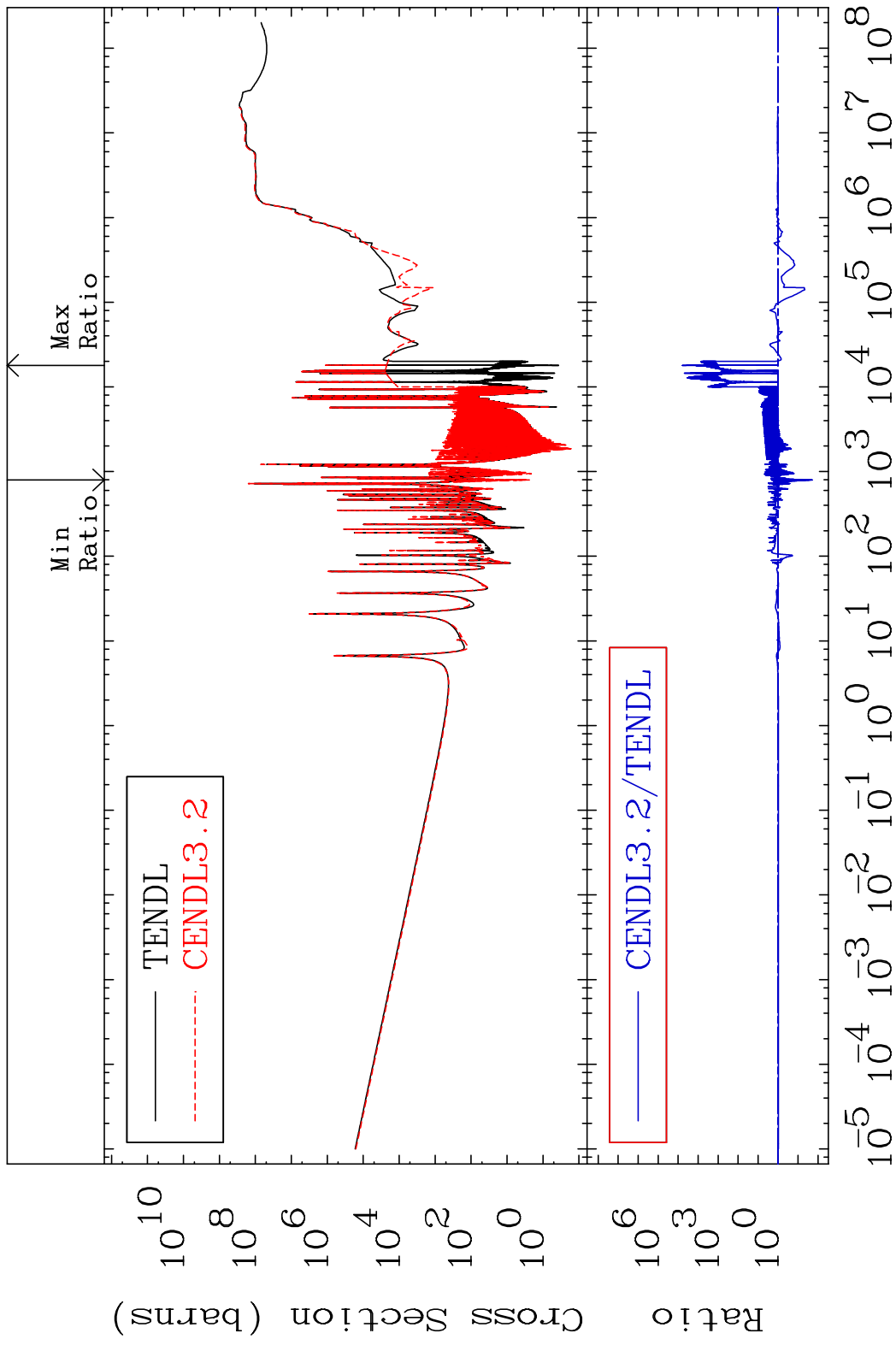
35 Incident Energy (eV) 92-U -238

MAT 9237

Kerma elastic Cross Section -78.88 To 208.3 %
92-U -238

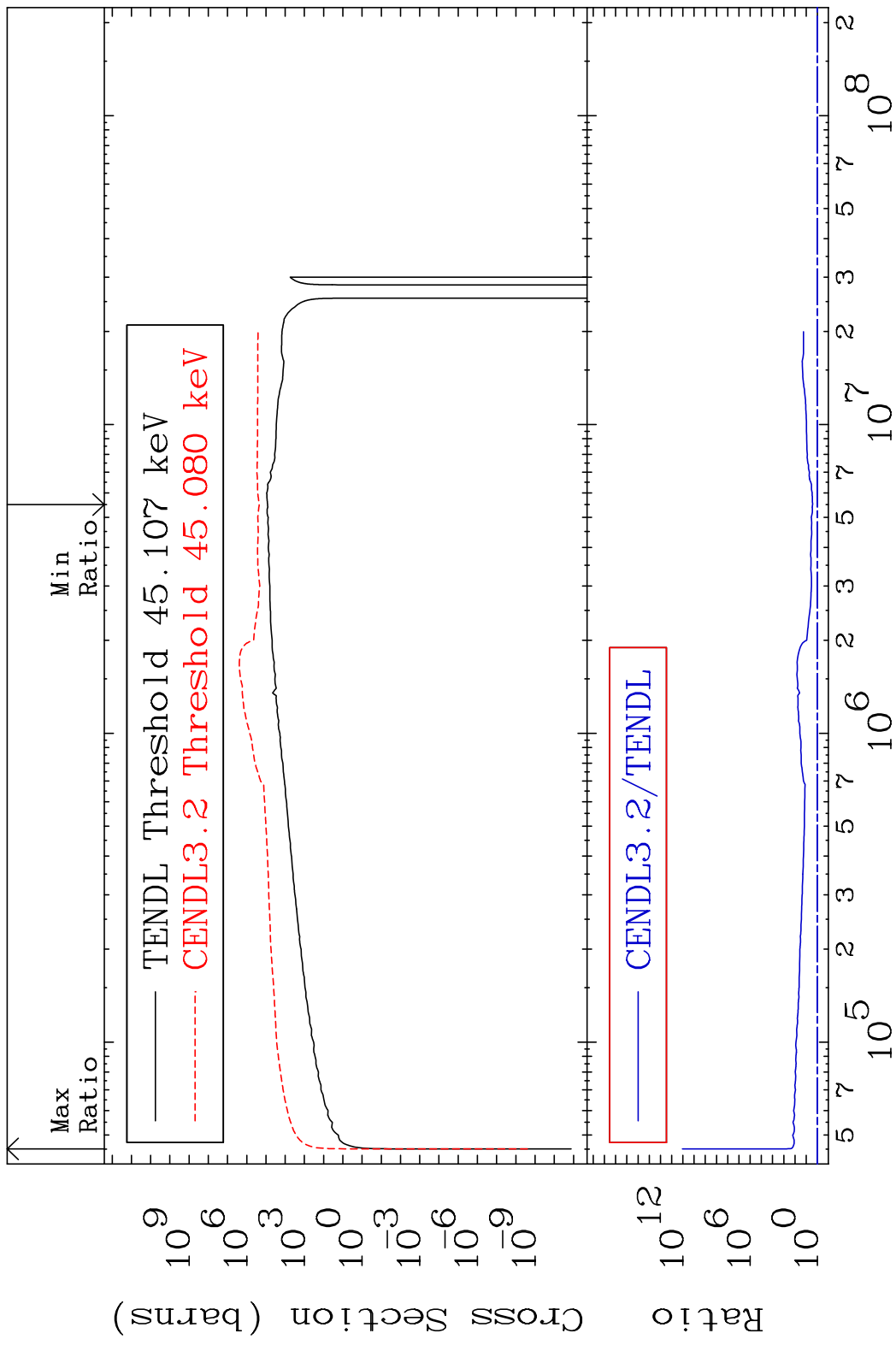


MAT 9237 Kerma non-elastic (all but mt2) 92-U -238
 Cross Section -98.13 To 9999. %

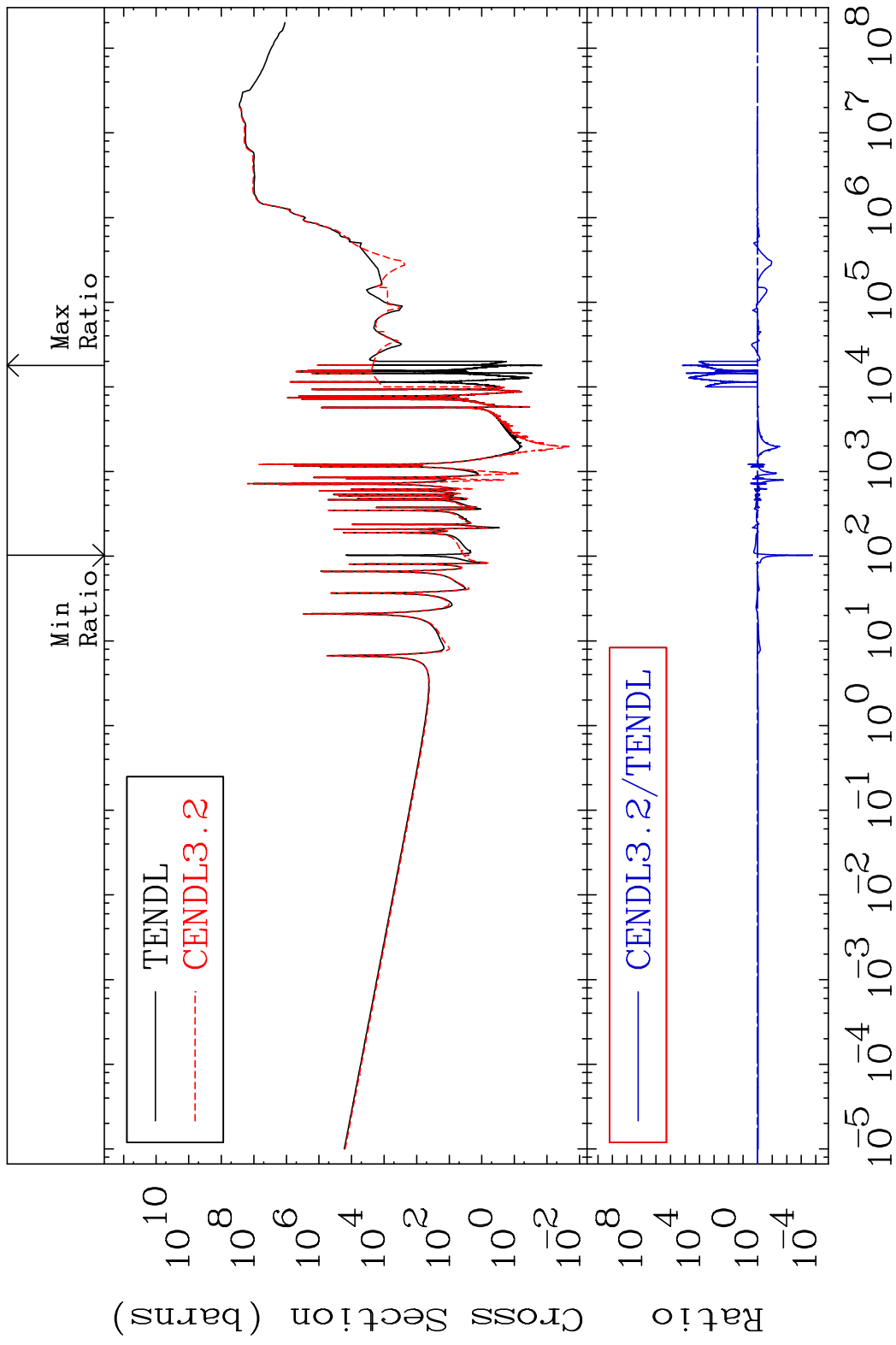


37 Incident Energy (eV) 92-U -238

MAT 9237 Kerma inelastic (mt51-91) 92-U -238
 Cross Section 170.8 To 9999. %



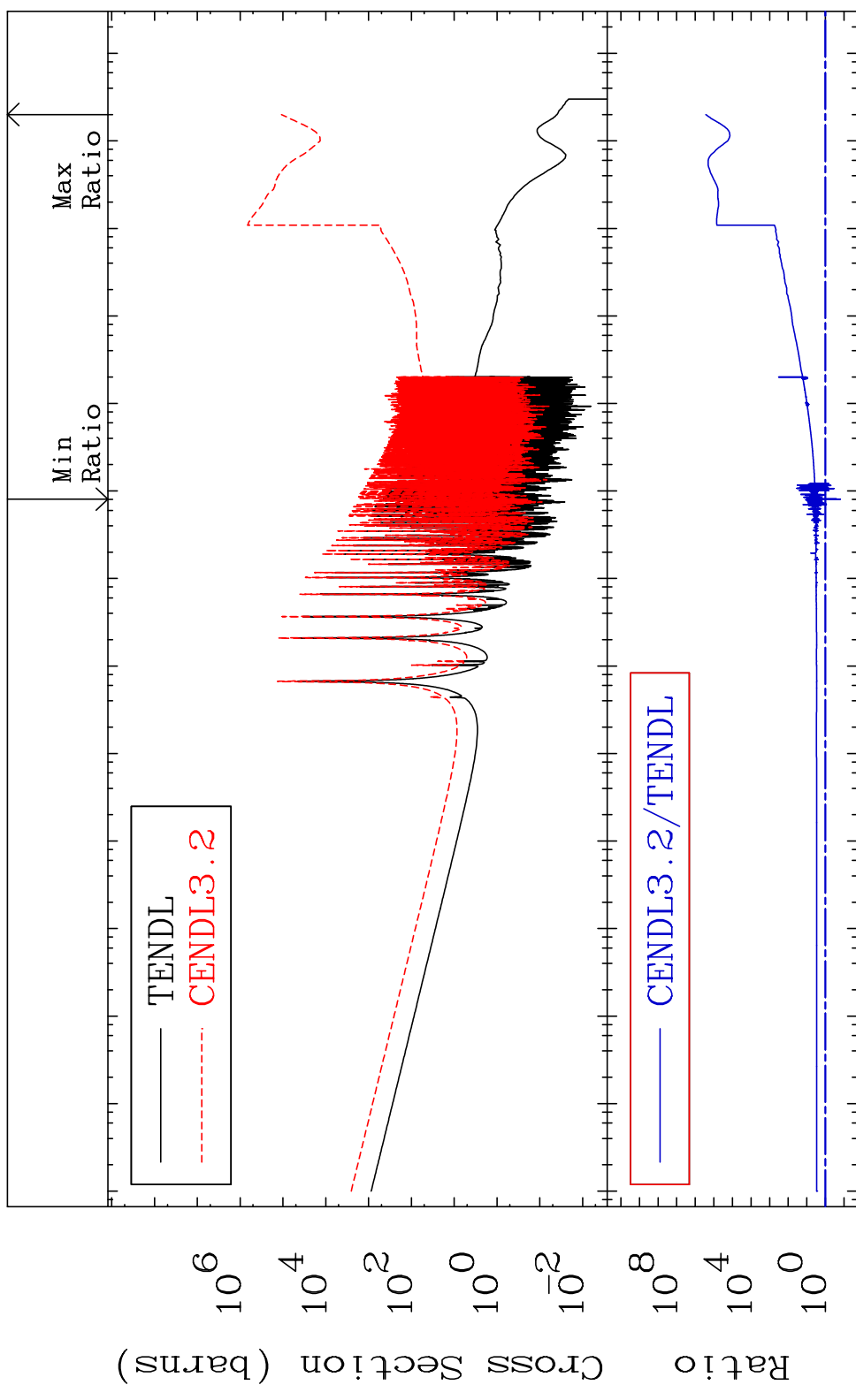
MAT 9237 Kerma fission (mt18 or mt19-20-21-38)92-U -238
 Cross Section -99.98 To 9999. %



39 Incident Energy (eV) 92-U -238

MAT 9237

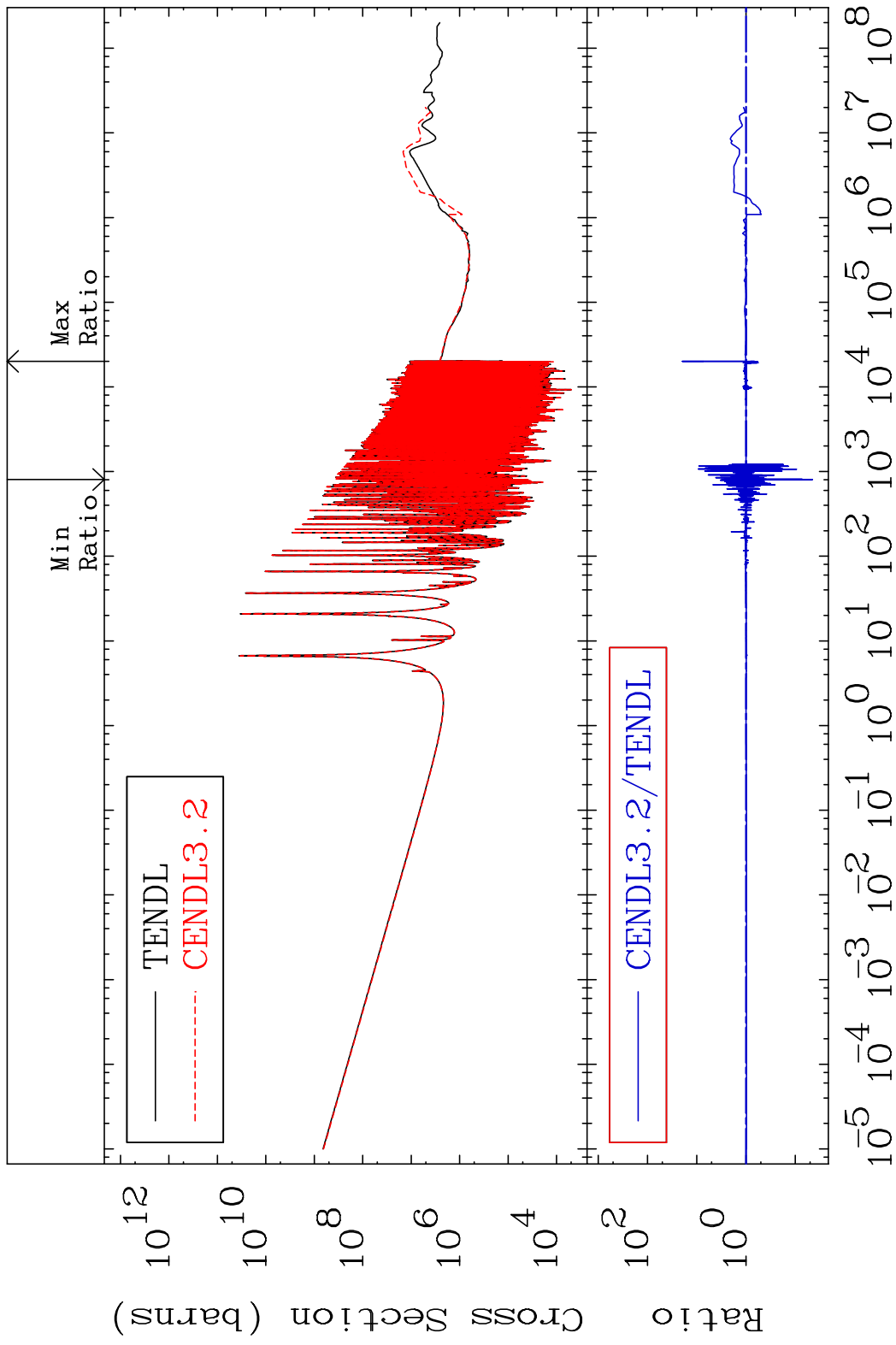
Kerma capture (mt102) 92-U -238
Cross Section -84.48 To 9999. %



40

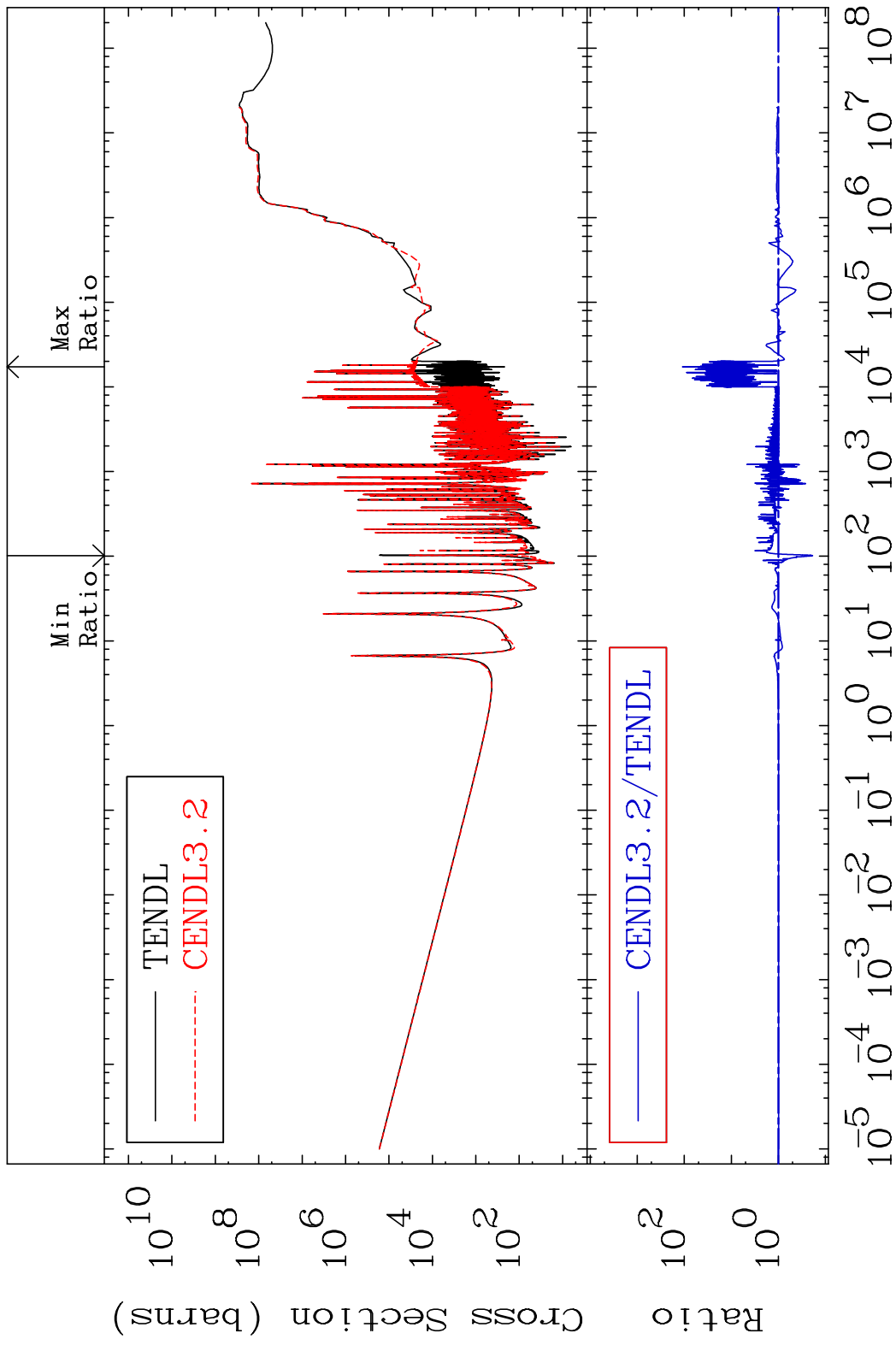
Incident Energy (eV) 92-U -238

MAT 9237 Total photon (eV-barns) 92-U -238
 Cross Section -95.54 To 1863. %

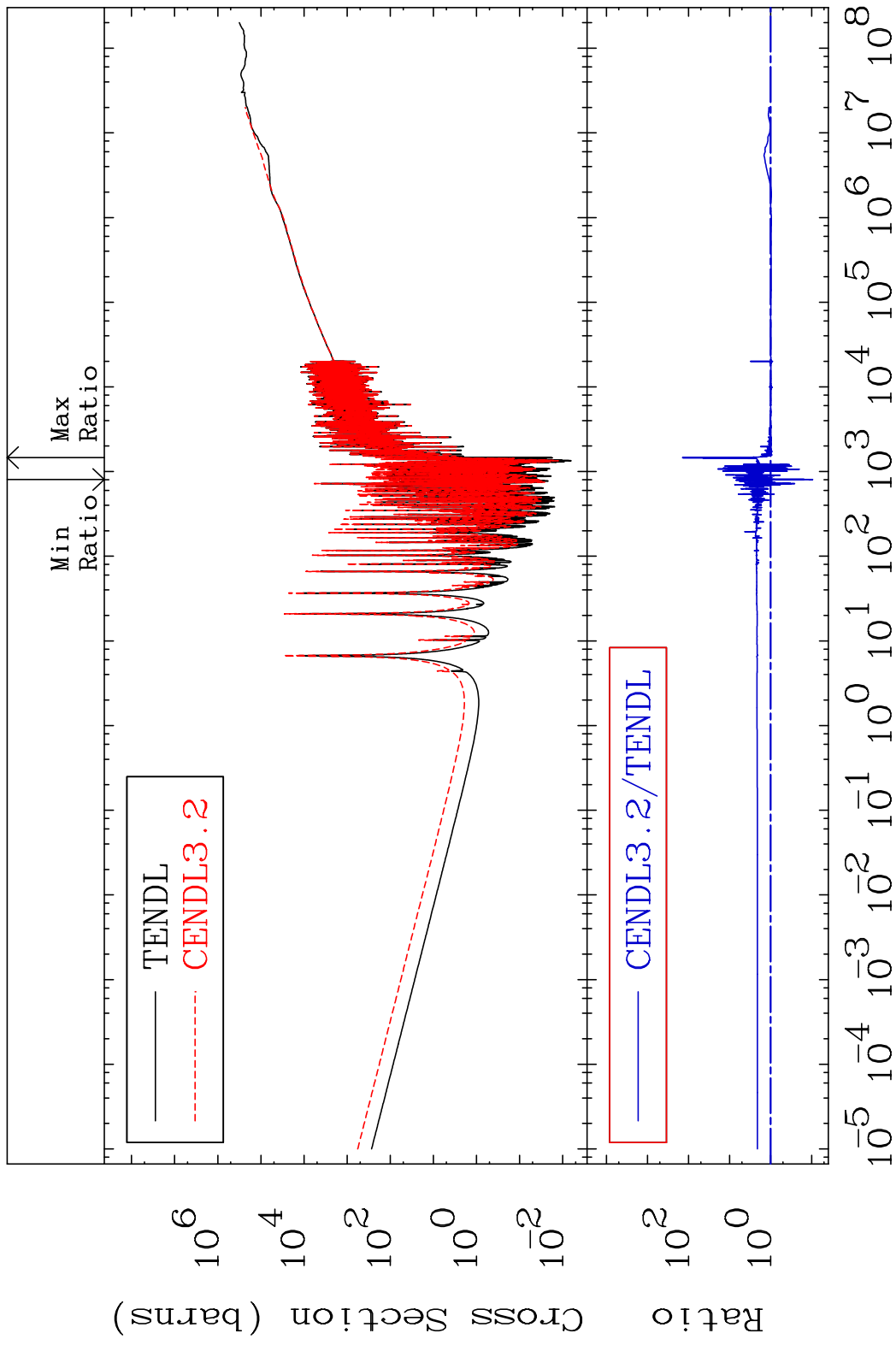


41 Incident Energy (eV) 92-U -238

MAT 9237 Total kinematic kerma (high limit) 92-U -238
 Cross Section -81.19 To 9999. %



MAT 9237 Dpa total (eV-barns) 92-U -238
 Cross Section -90.48 To 9999. %



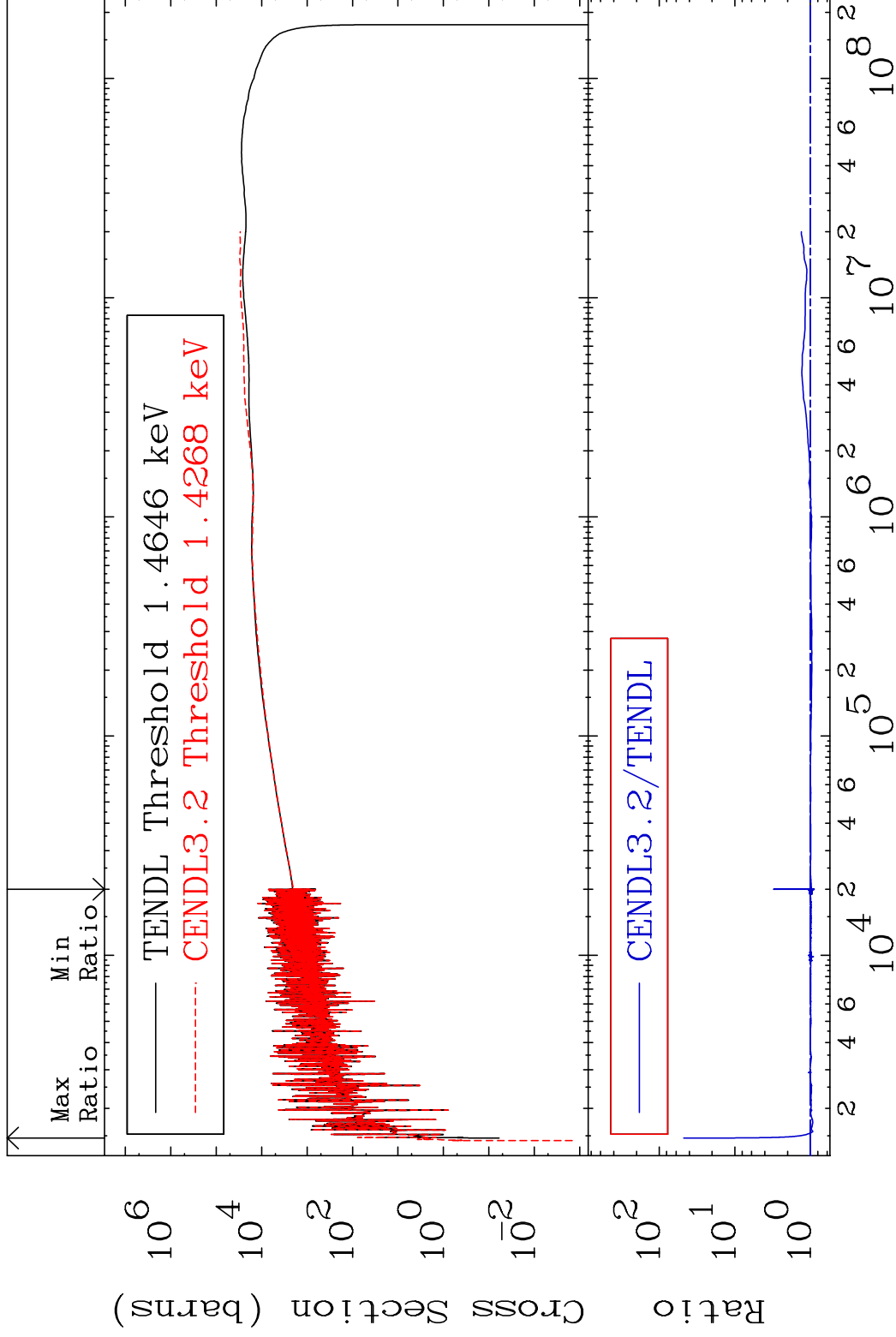
43 Incident Energy (eV) 92-U -238

MAT 9237

Dpa elastic (mt2)

92-U -238

Cross Section -10.74 To 4663. %

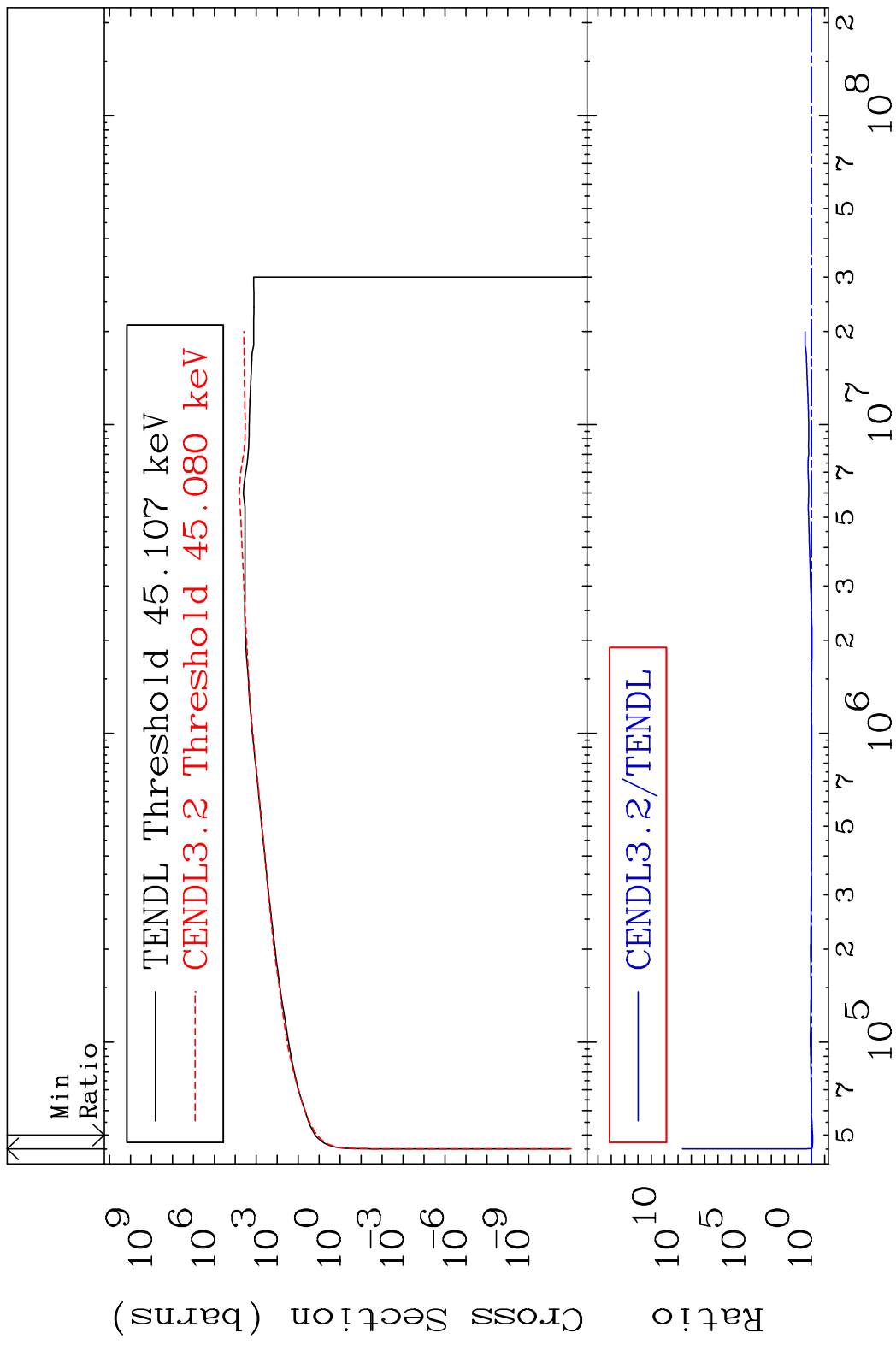


44

Incident Energy (eV)

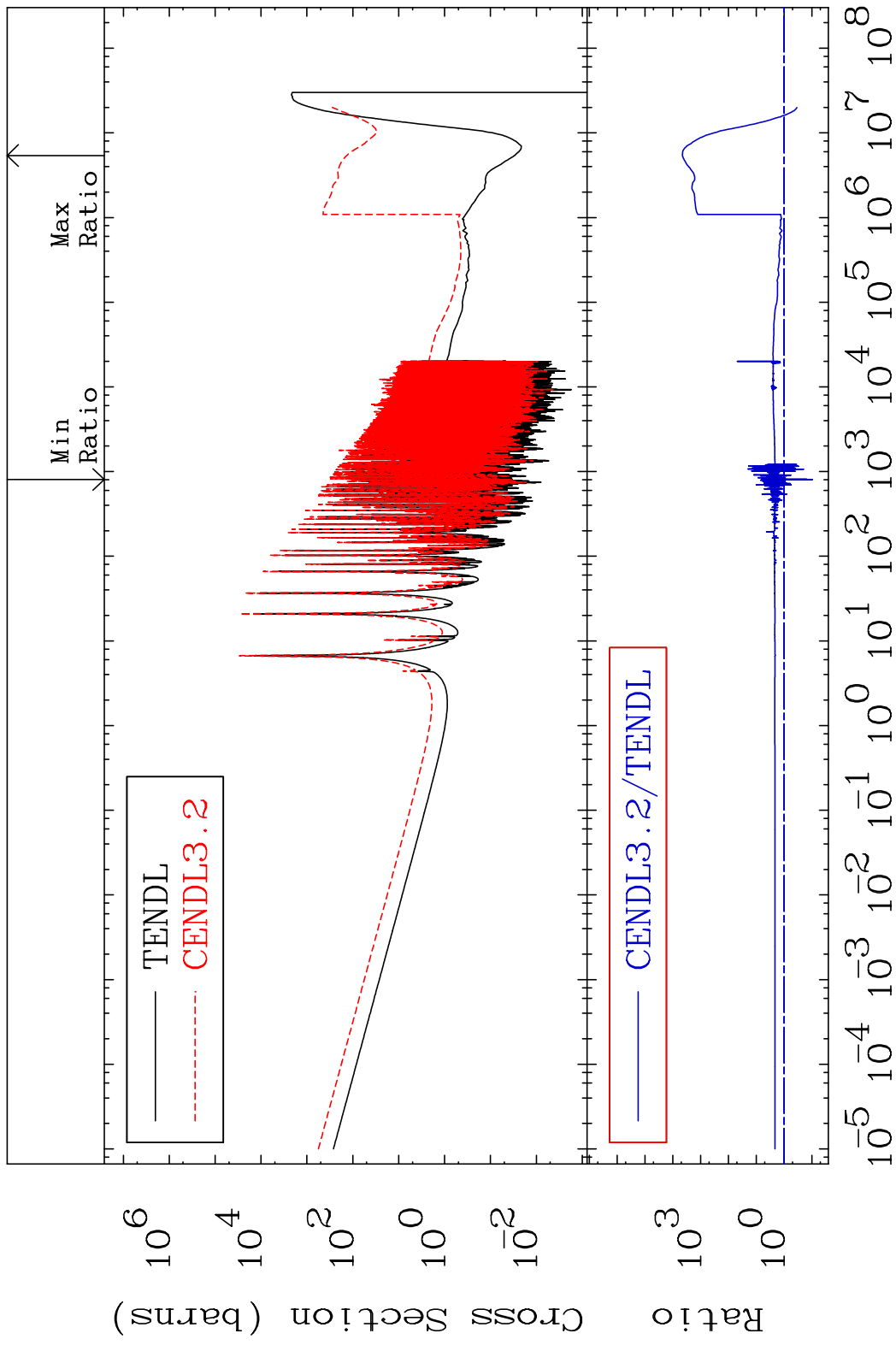
92-U -238

MAT 9237 Dpa inelastic (mt51-91) 92-U -238
 Cross Section -18.98 To 9999. %

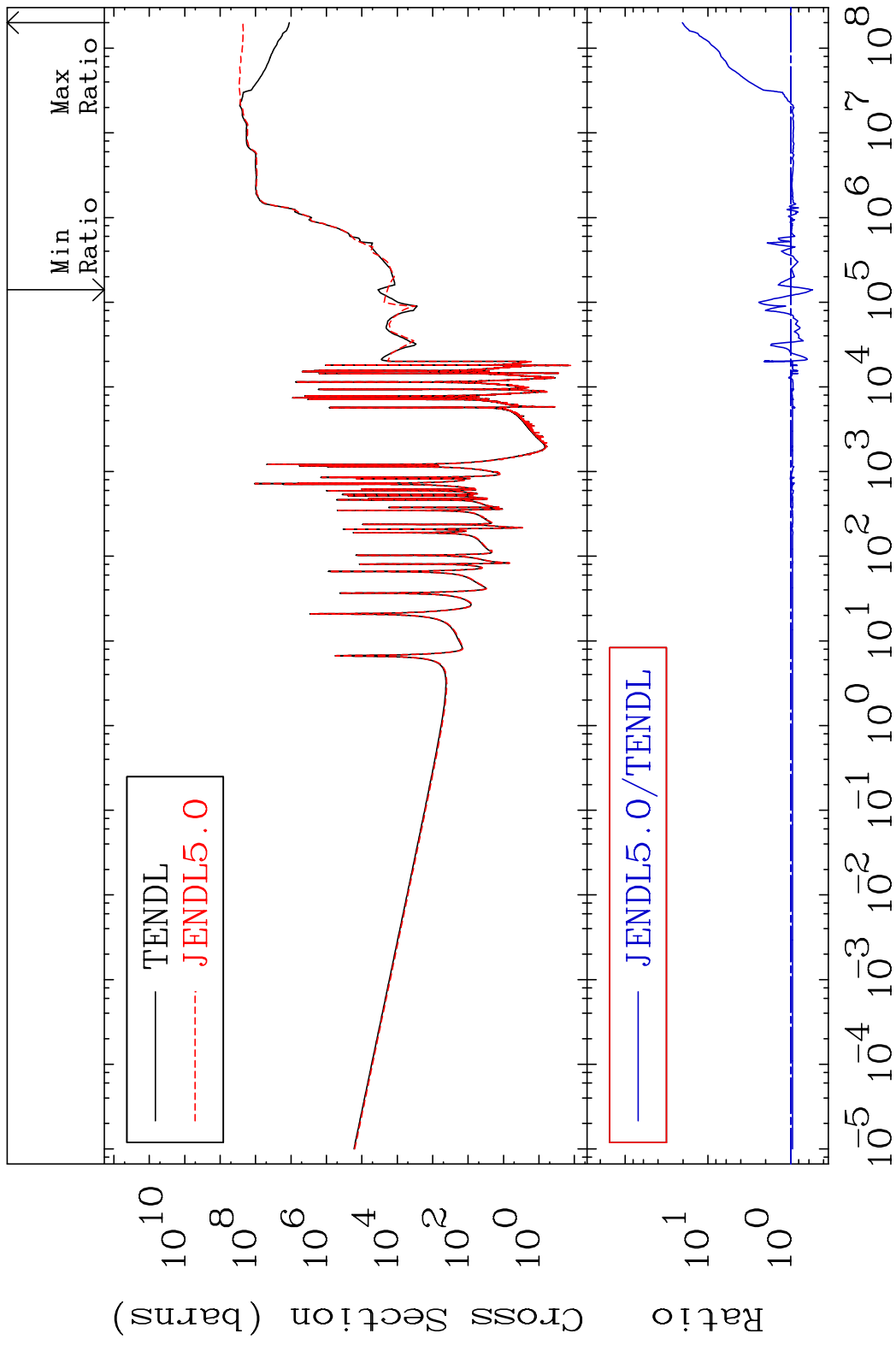


45 Incident Energy (eV) 92-U -238

MAT 9237 Dpa disappearance (mt102 -120) 92-U -238
 Cross Section -90.48 To 9999. %

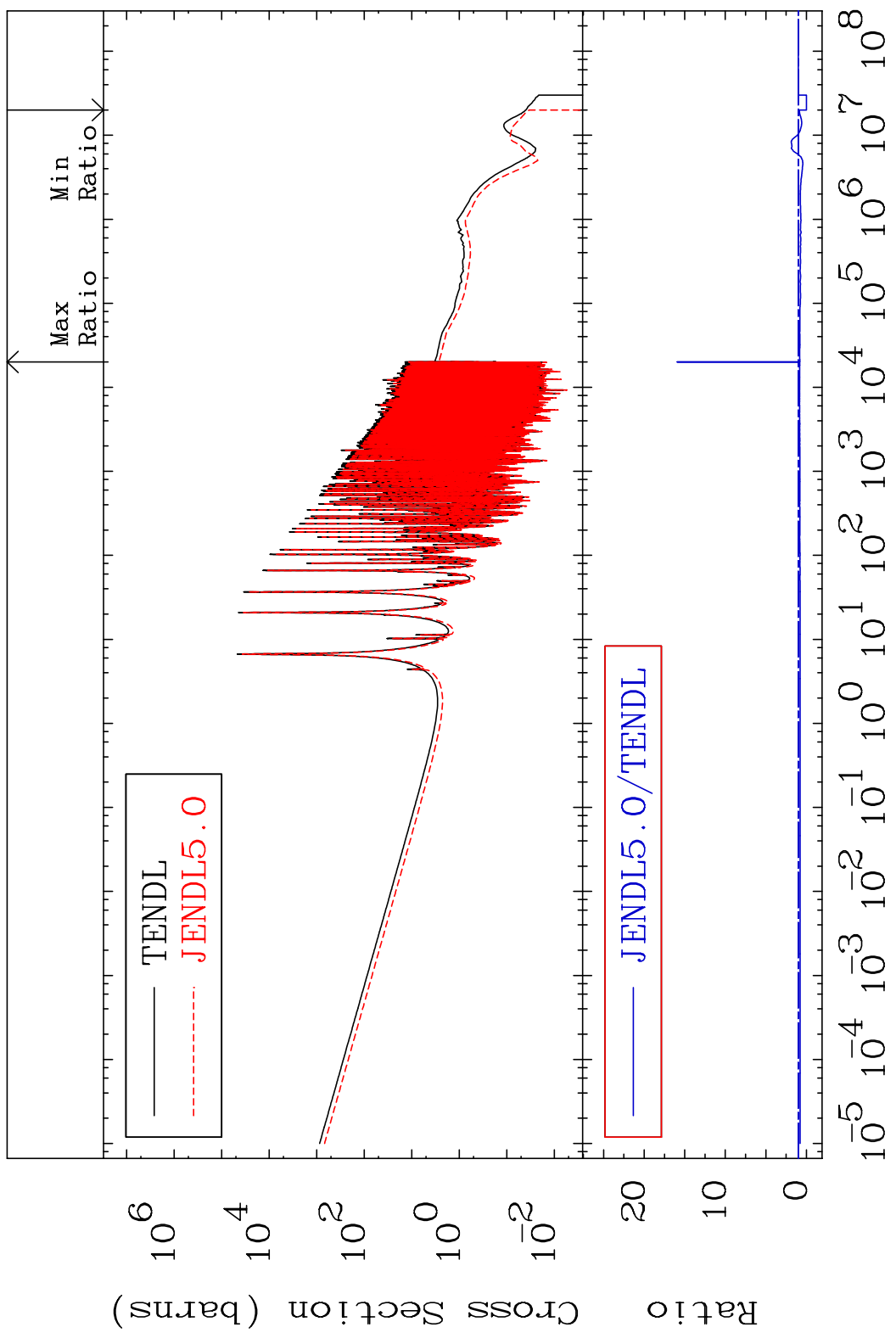


MAT 9237 Kerma fission (mt18 or mt19-20-21-38) 92-U -238
 Cross Section -45.68 To 1935. %



MAT 9237

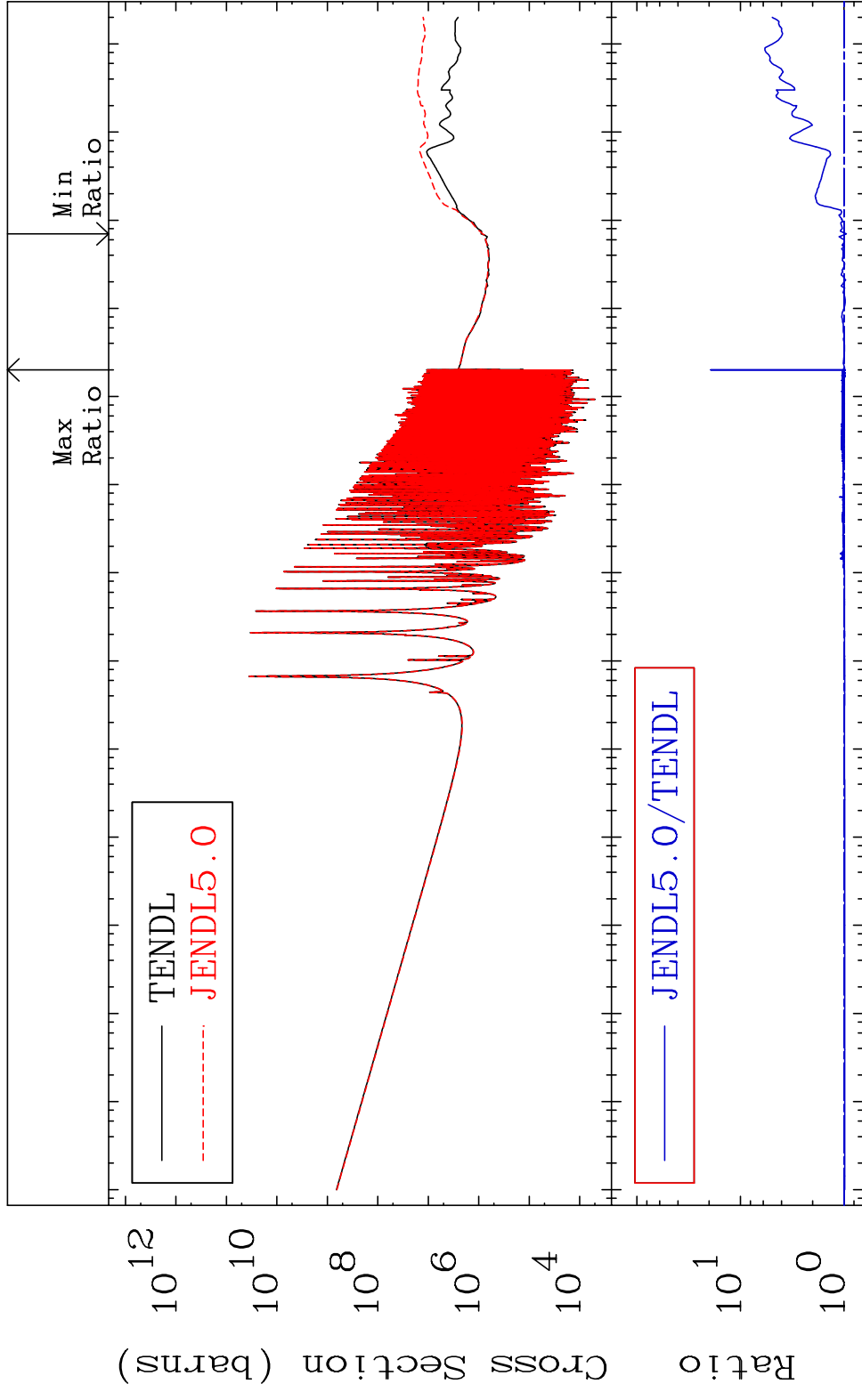
Kerma capture (mt102) 92-U -238
Cross Section -100.0 To 1493. %



48

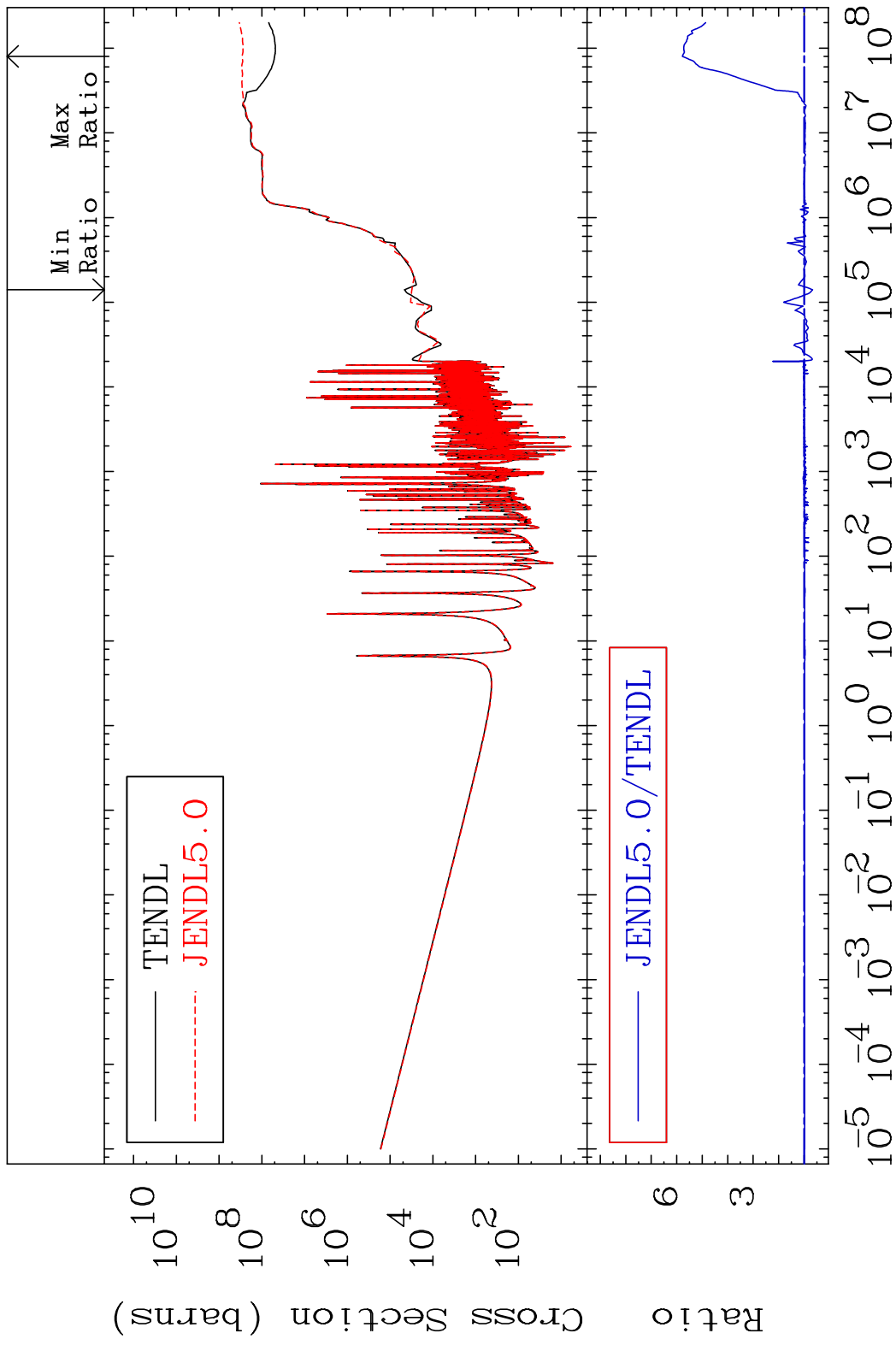
Incident Energy (eV) 92-U -238

MAT 9237 Total photon (eV-barns) 92-U -238
 Cross Section -5.228 To 1833. %



49 Incident Energy (eV) 92-U -238

MAT 9237 Total kinematic kerma (high limit) 92-U -238
Cross Section -33.20 To 477.9 %



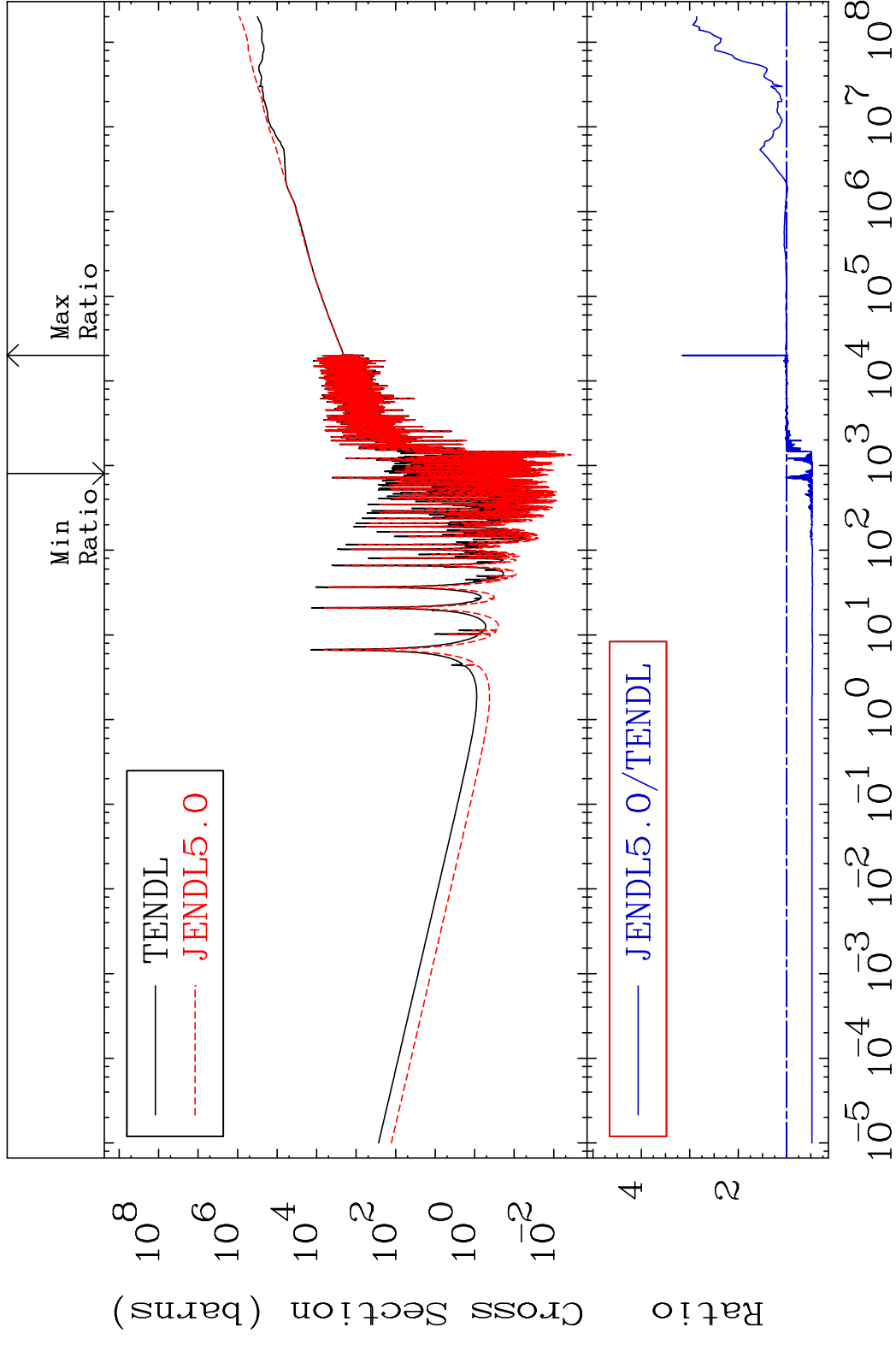
50 Incident Energy (eV) 92-U -238

MAT 9237

Dpa total (eV-barns)

92-U -238

Cross Section -53.79 To 215.4 %

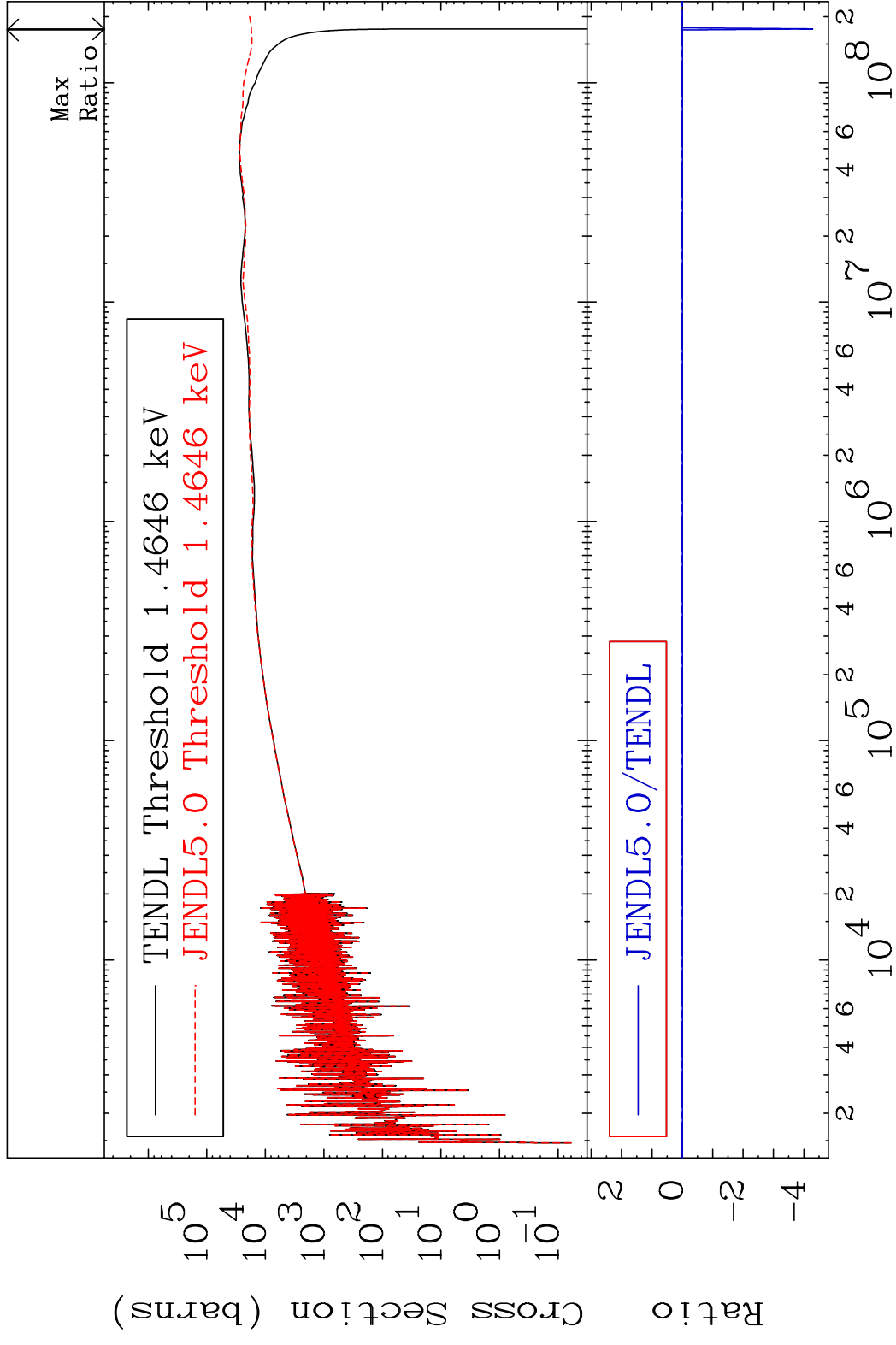


51

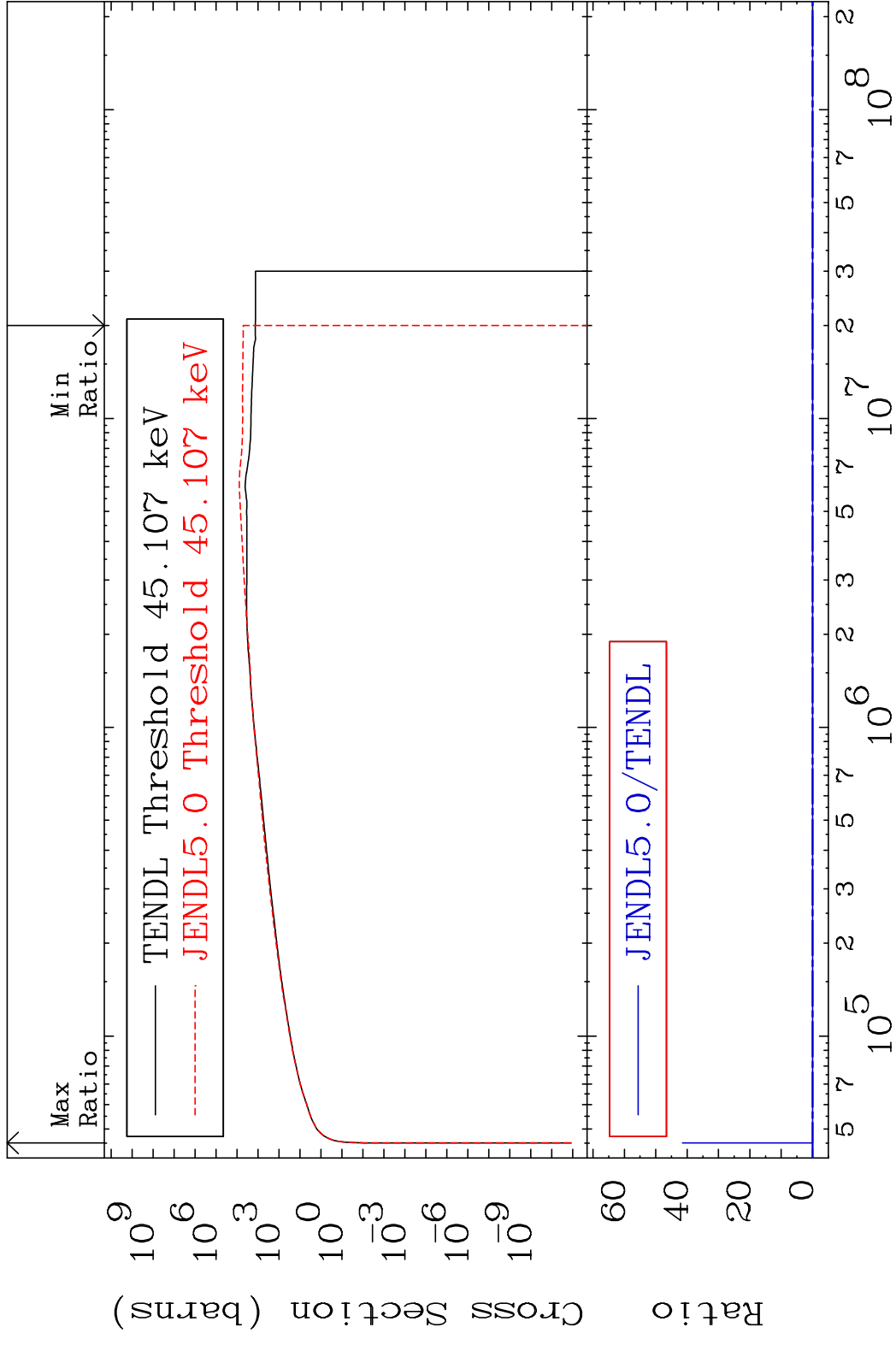
Incident Energy (eV)

92-U -238

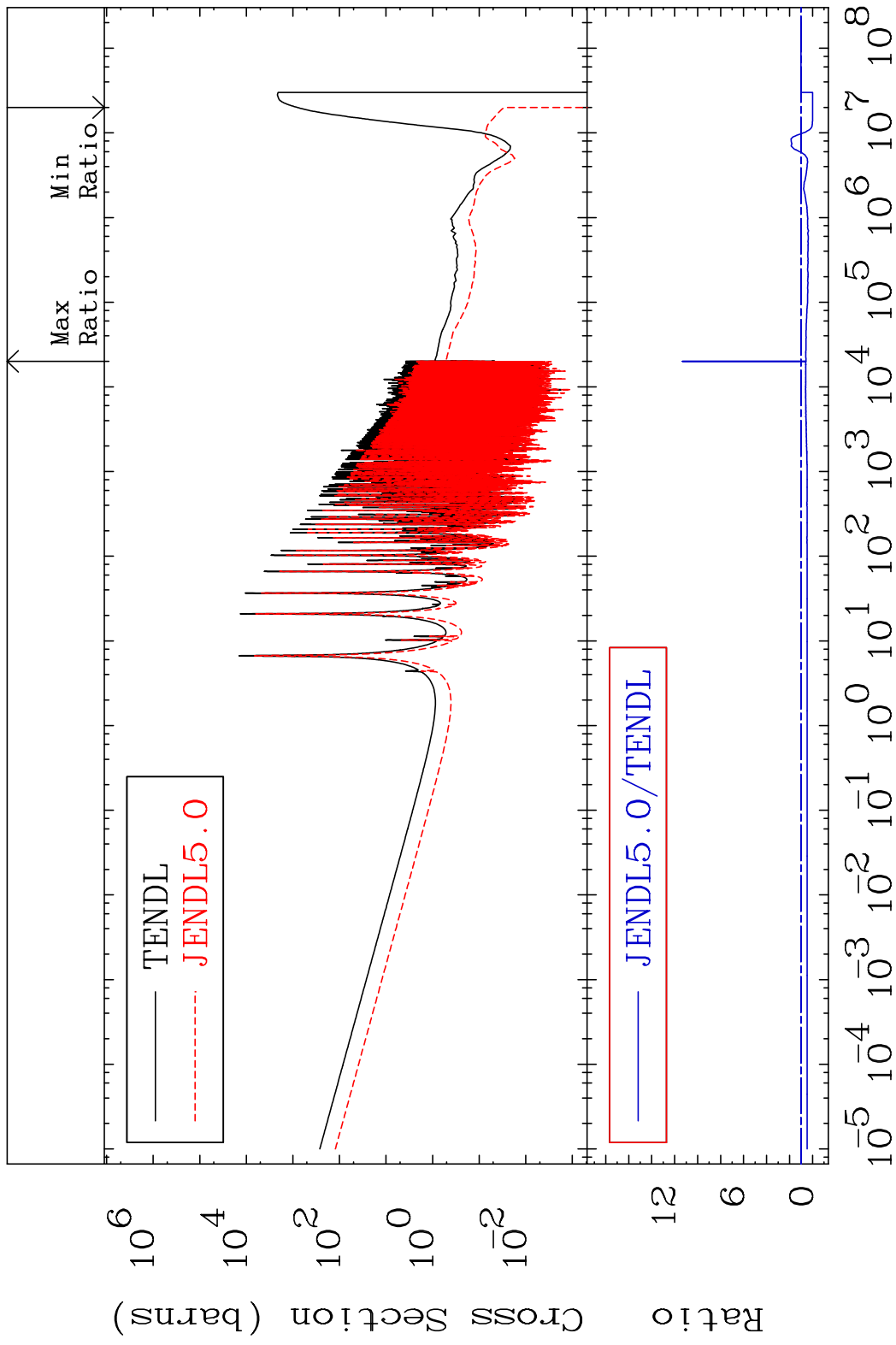
MAT 9237 Dpa elastic (mt2) 92-U -238
 Cross Section -9999. To 3615. %



MAT 9237 Dpa inelastic (mt51-91) 92-U -238
 Cross Section -100.0 To 9999. %



MAT 9237 Dpa disappearance (mt102 -120) 92-U -238
 Cross Section -100.0 To 1033. %

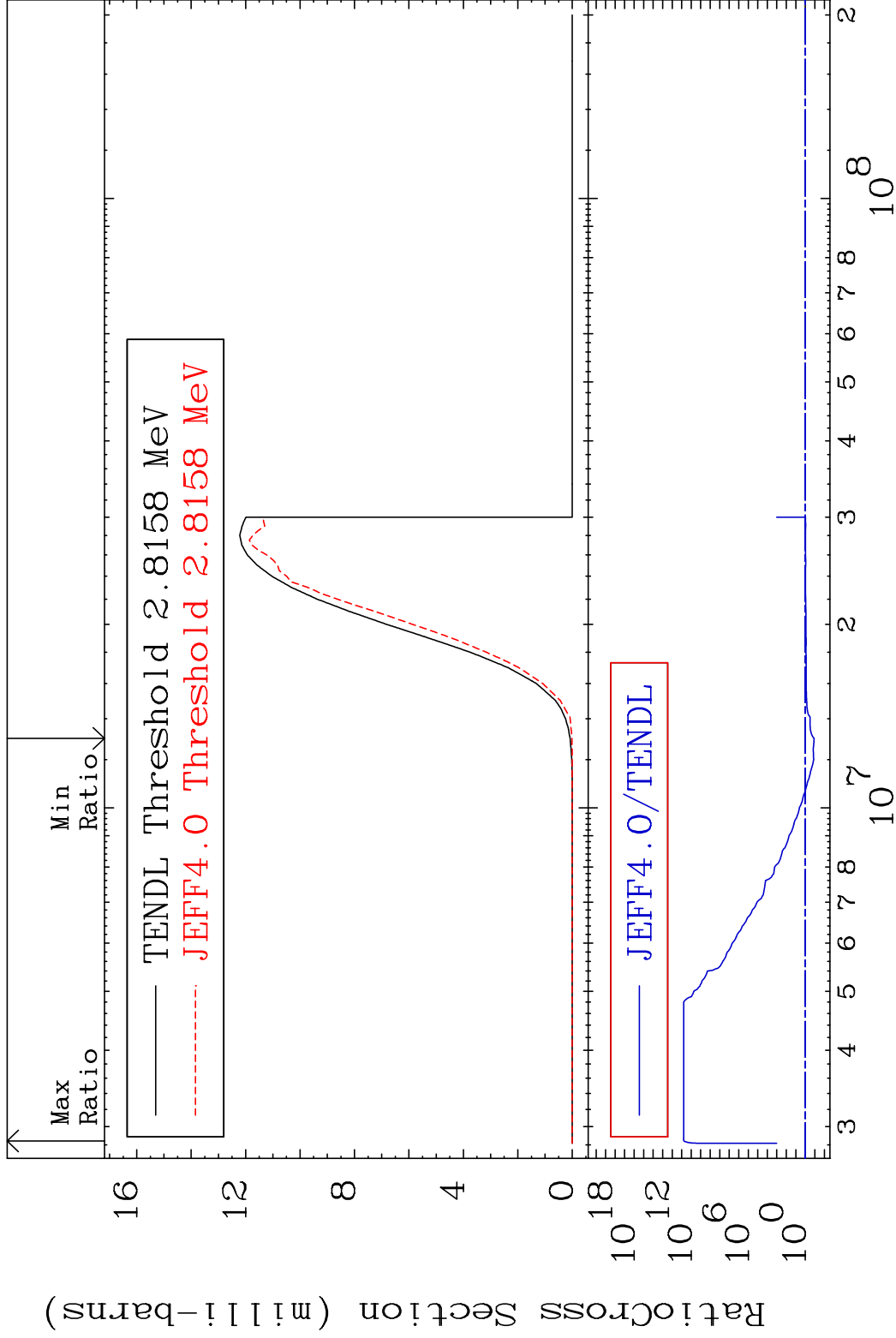


MAT 9237

(n,p)

92-U -238

Cross Section -88.07 To 9999. %



55

Incident Energy (eV)

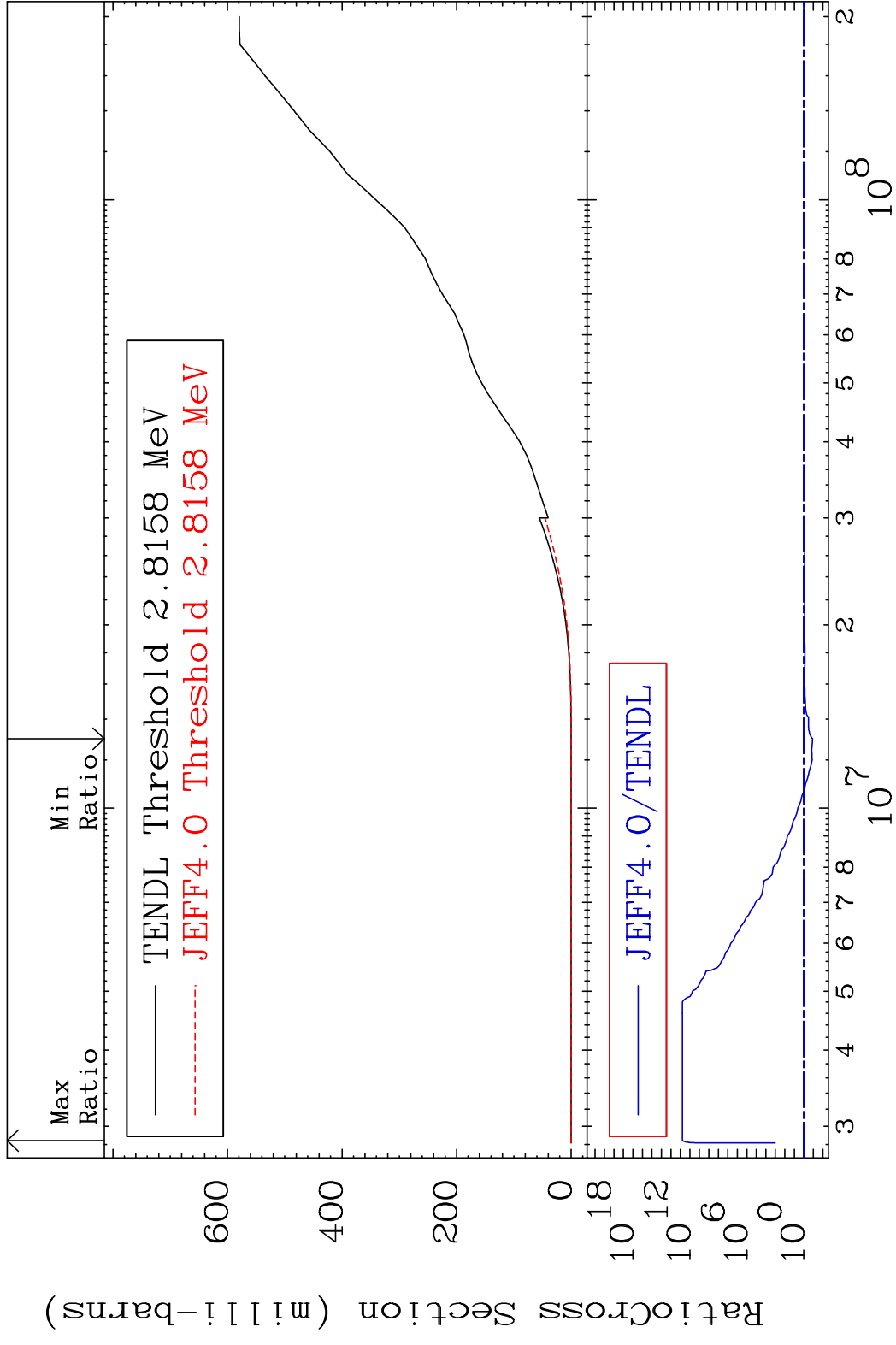
92-U -238

MAT 9237

Hydrogen Production

92-U -238

Cross Section -88.07 To 9999. %



56

Incident Energy (eV)

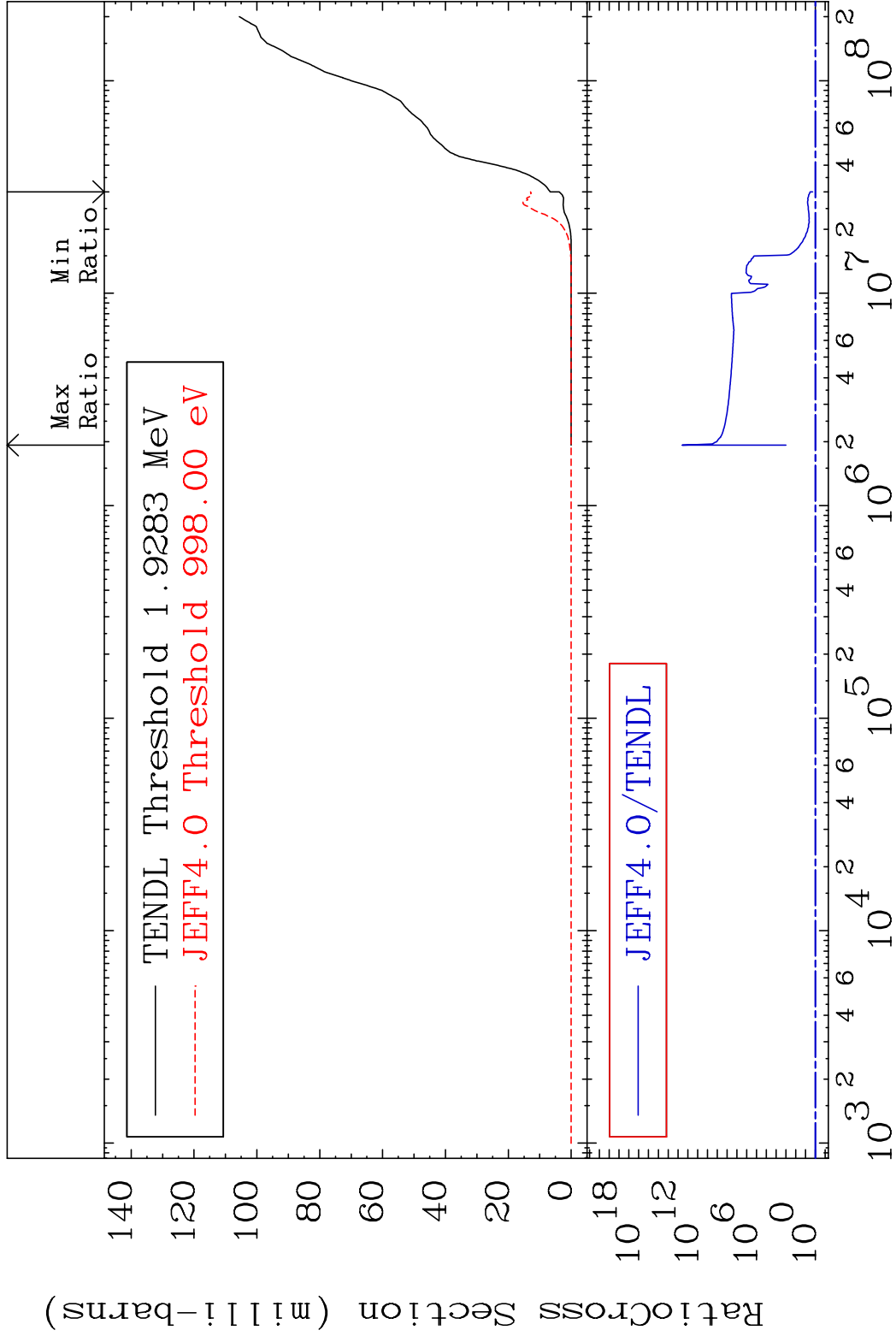
92-U -238

MAT 9237

He-4 Production

92-U -238

Cross Section 93.10 To 9999. %

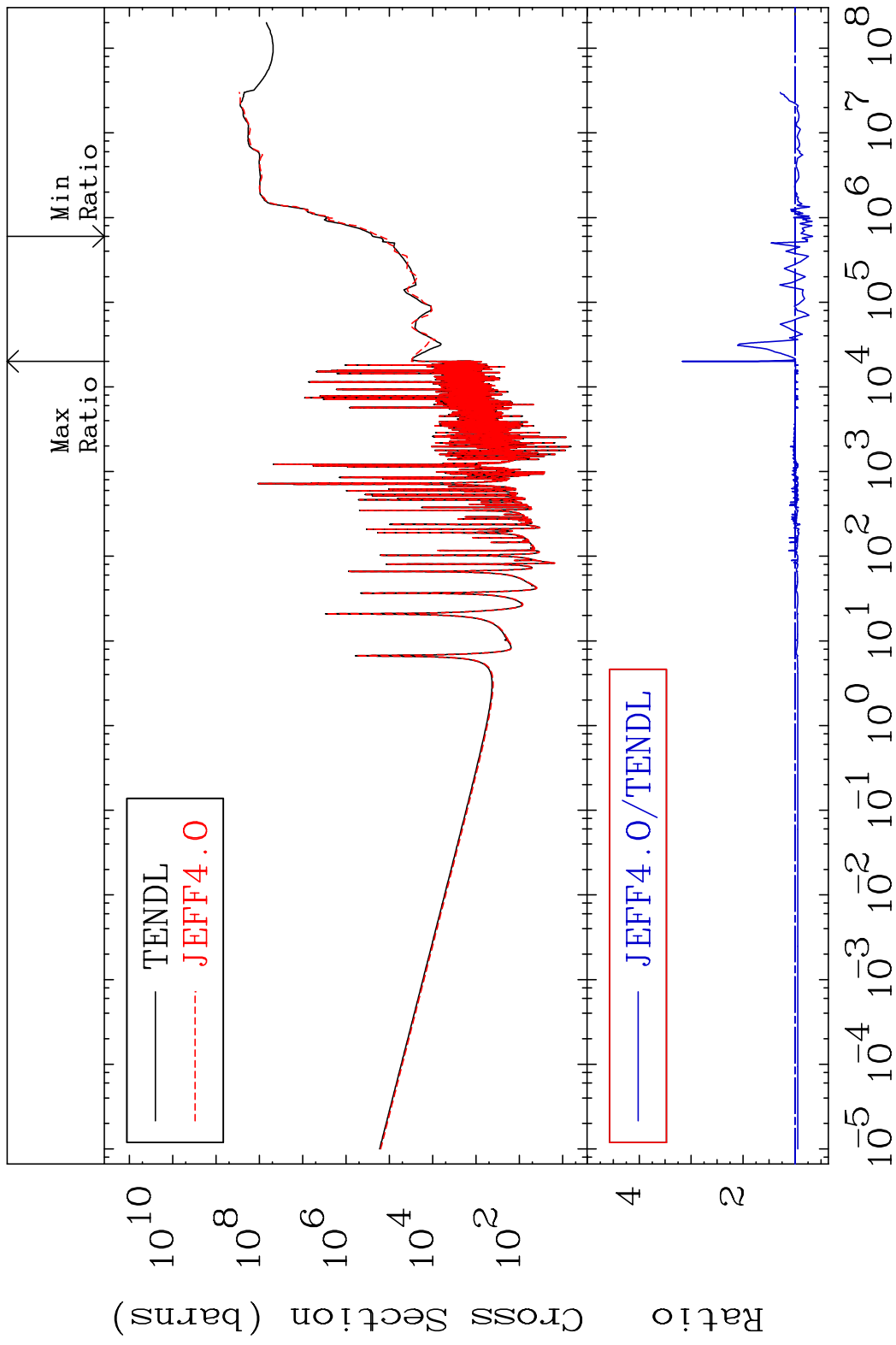


57

Incident Energy (eV)

92-U -238

MAT 9237 Kerma total (eV-barns) 92-U -238
 Cross Section -33.78 To 216.9 %

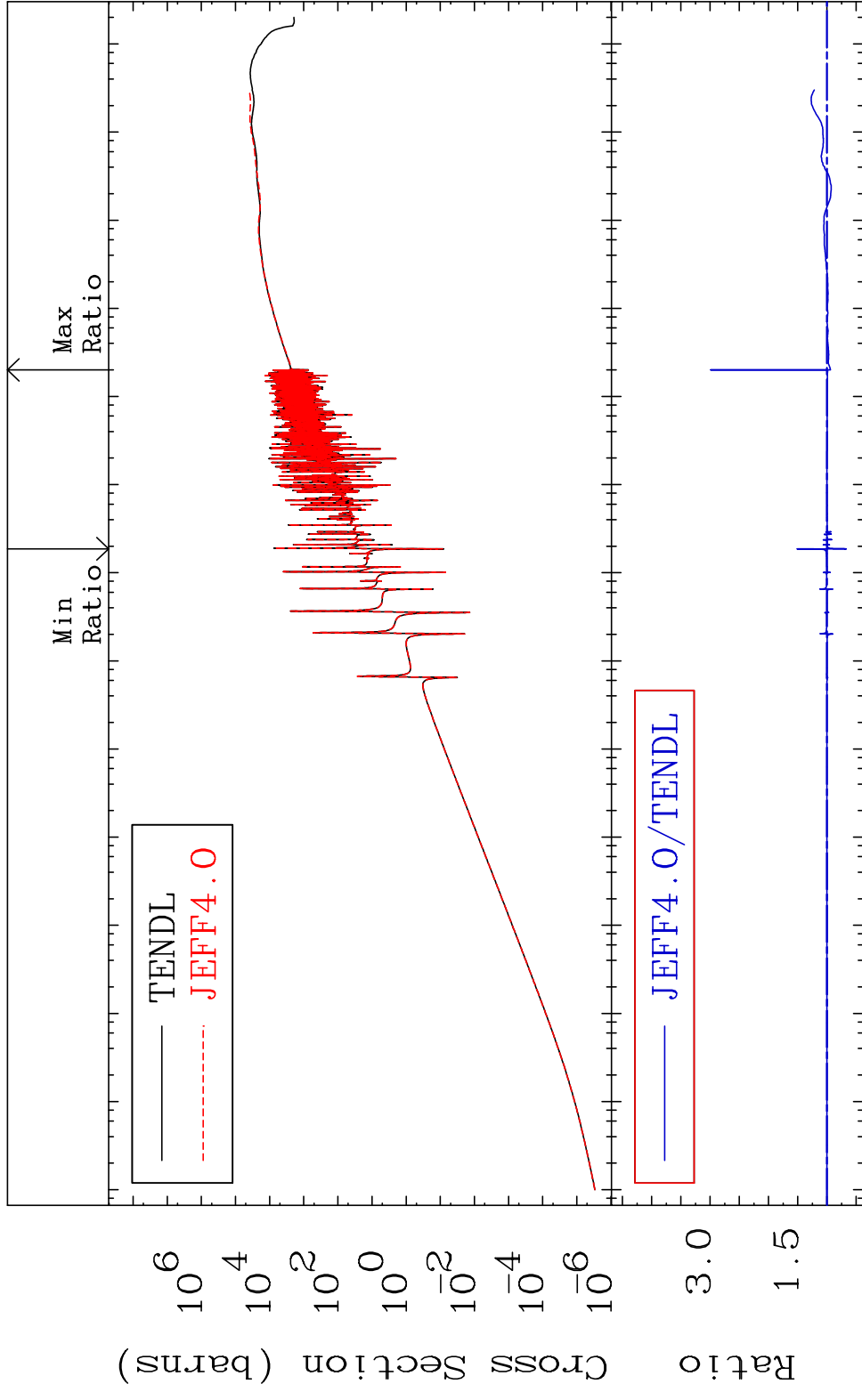


58 Incident Energy (eV) 92-U -238

MAT 9237

Kerma elastic
Cross Section -33.25 To 198.9 %

92-U -238

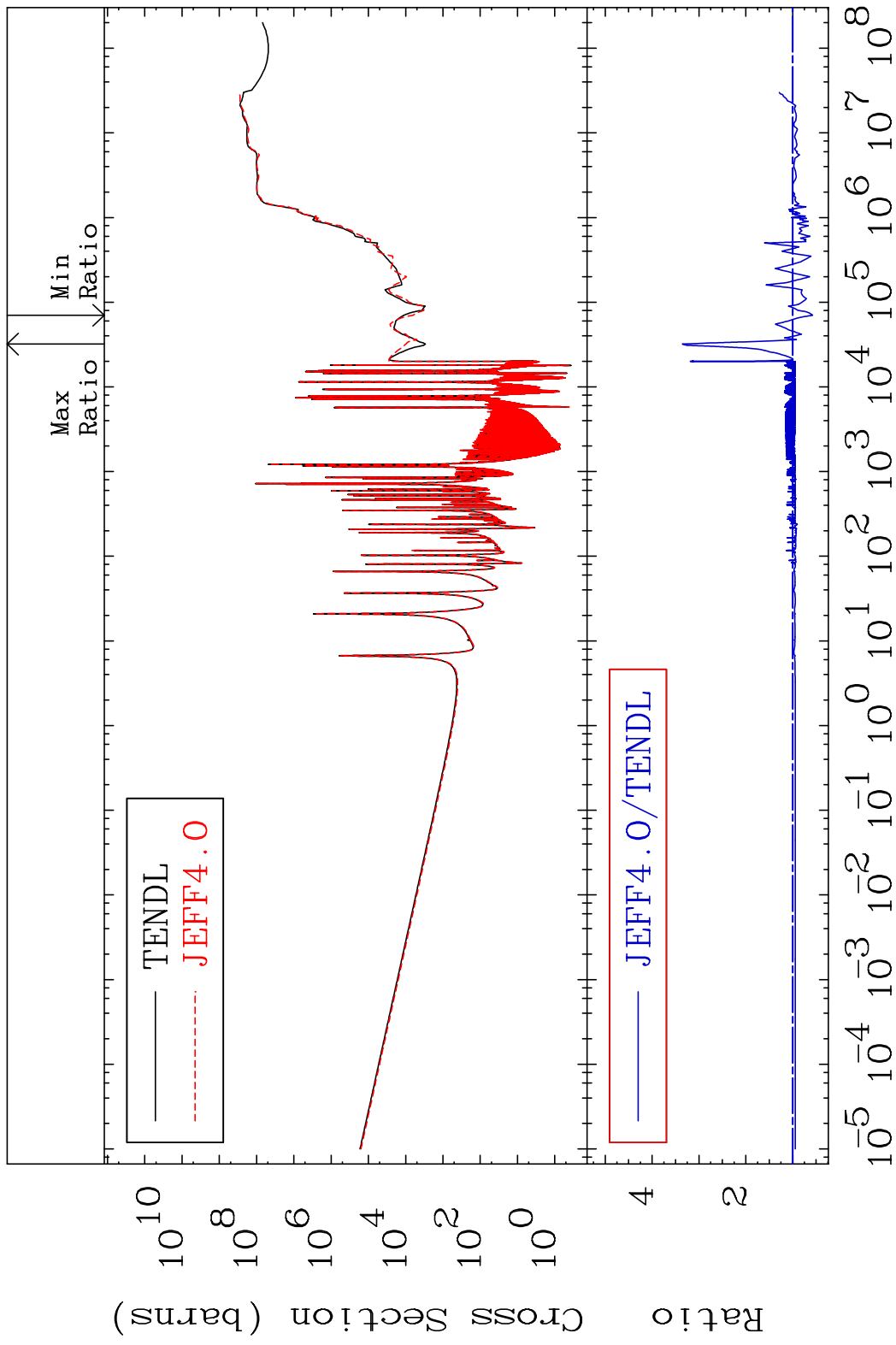


59

Incident Energy (eV)

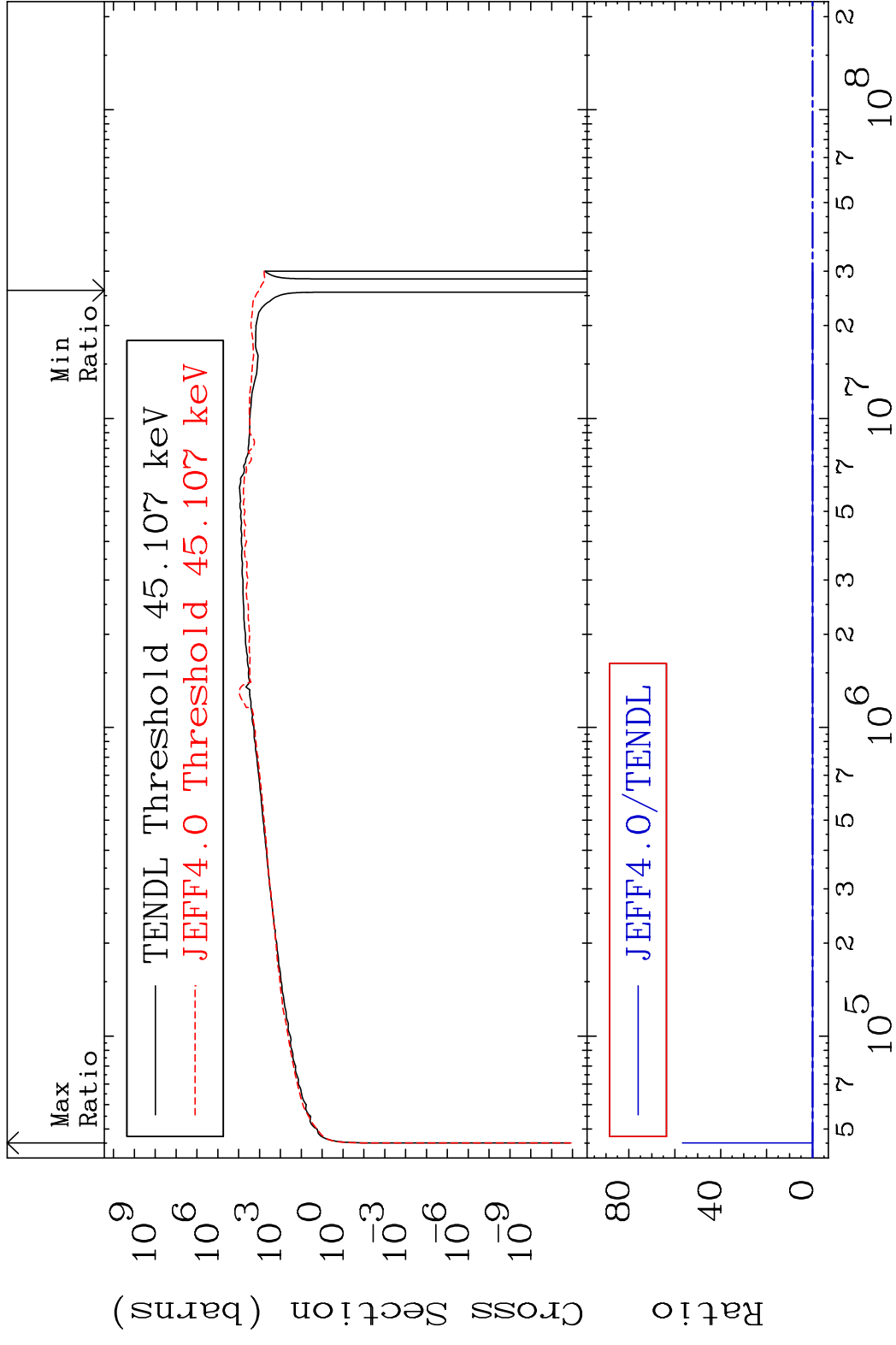
92-U -238

MAT 9237 Kerma non-elastic (all but mt2) 92-U -238
 Cross Section -42.38 To 235.4 %

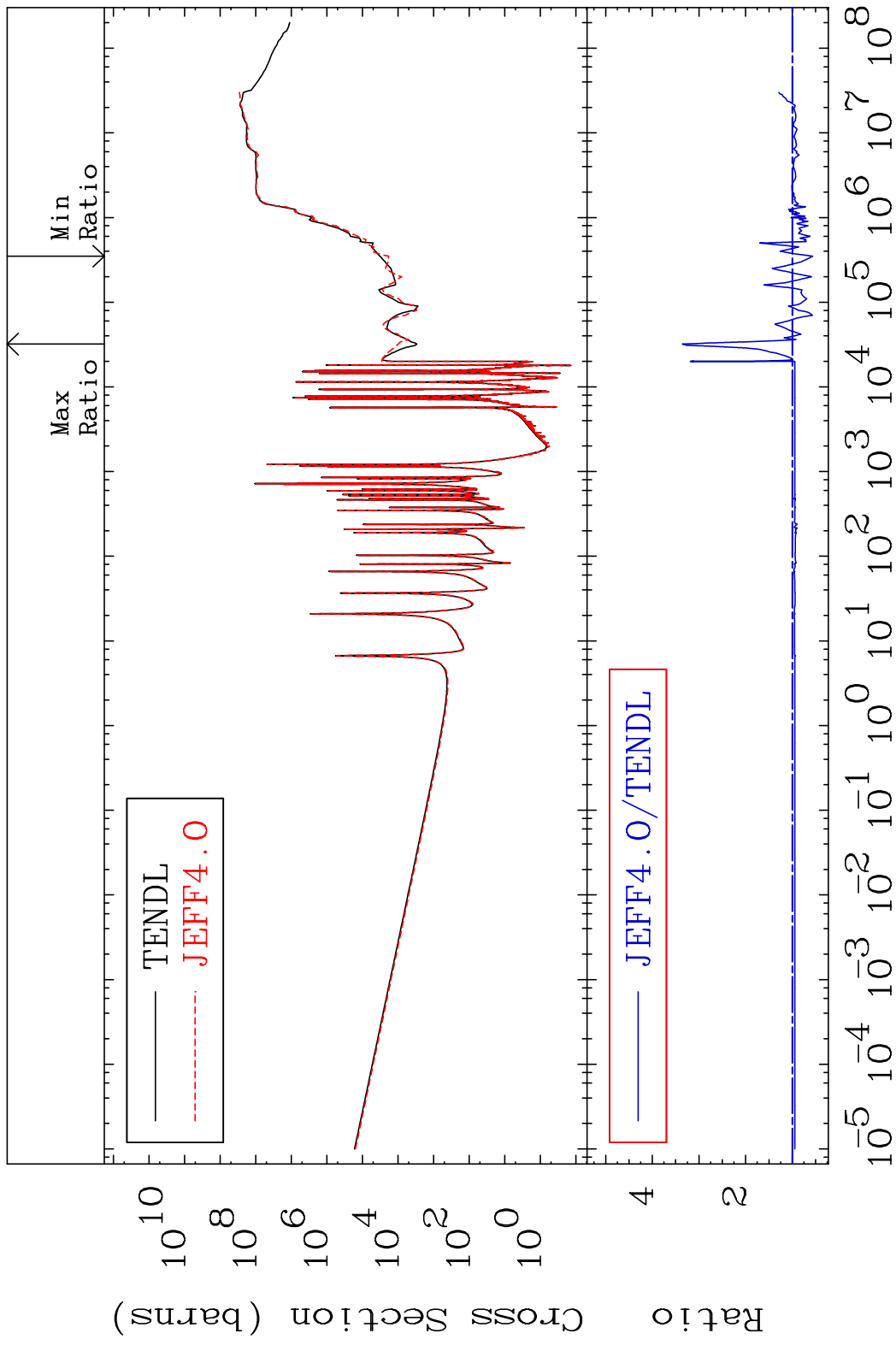


60 Incident Energy (eV) 92-U -238

MAT 9237 Kerma inelastic (mt51-91) 92-U -238
 Cross Section -1745. To 9999. %

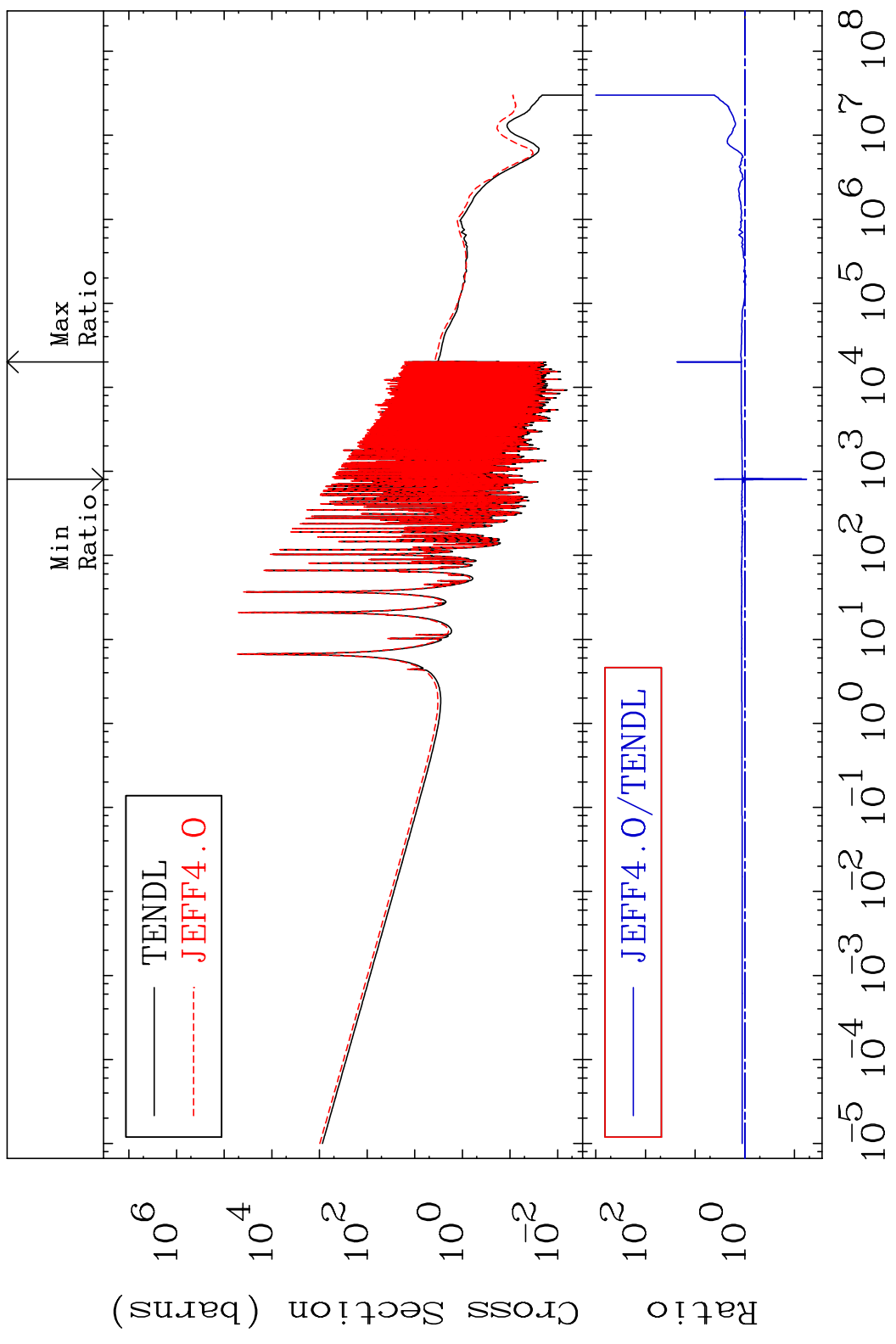


MAT 9237 Kerma fission (mt18 or mt19-20-21-38) 92-U -238
 Cross Section -43.49 To 235.6 %



MAT 9237

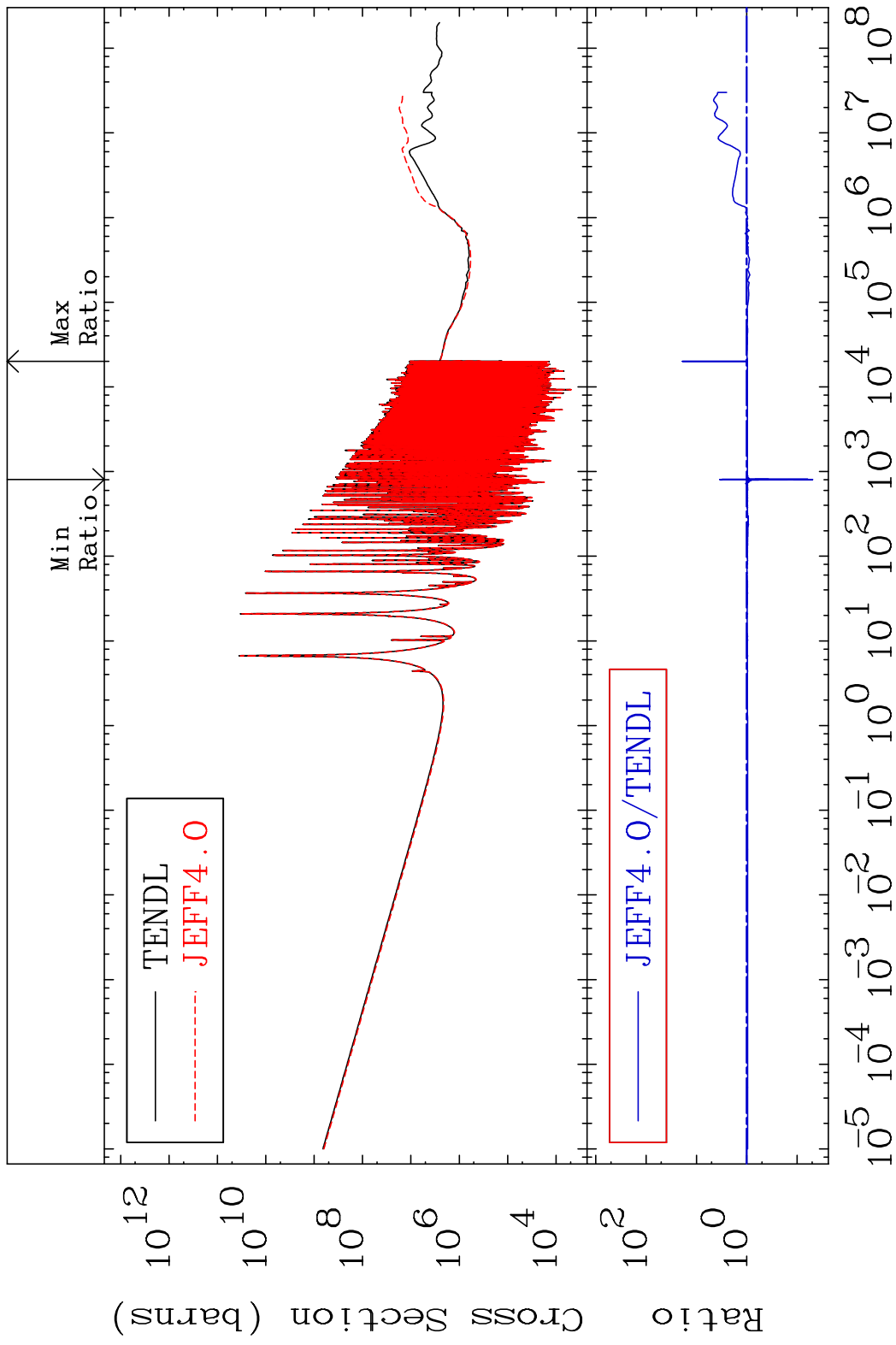
Kerma capture (mt102) 92-U -238
Cross Section -94.26 To 2199. %



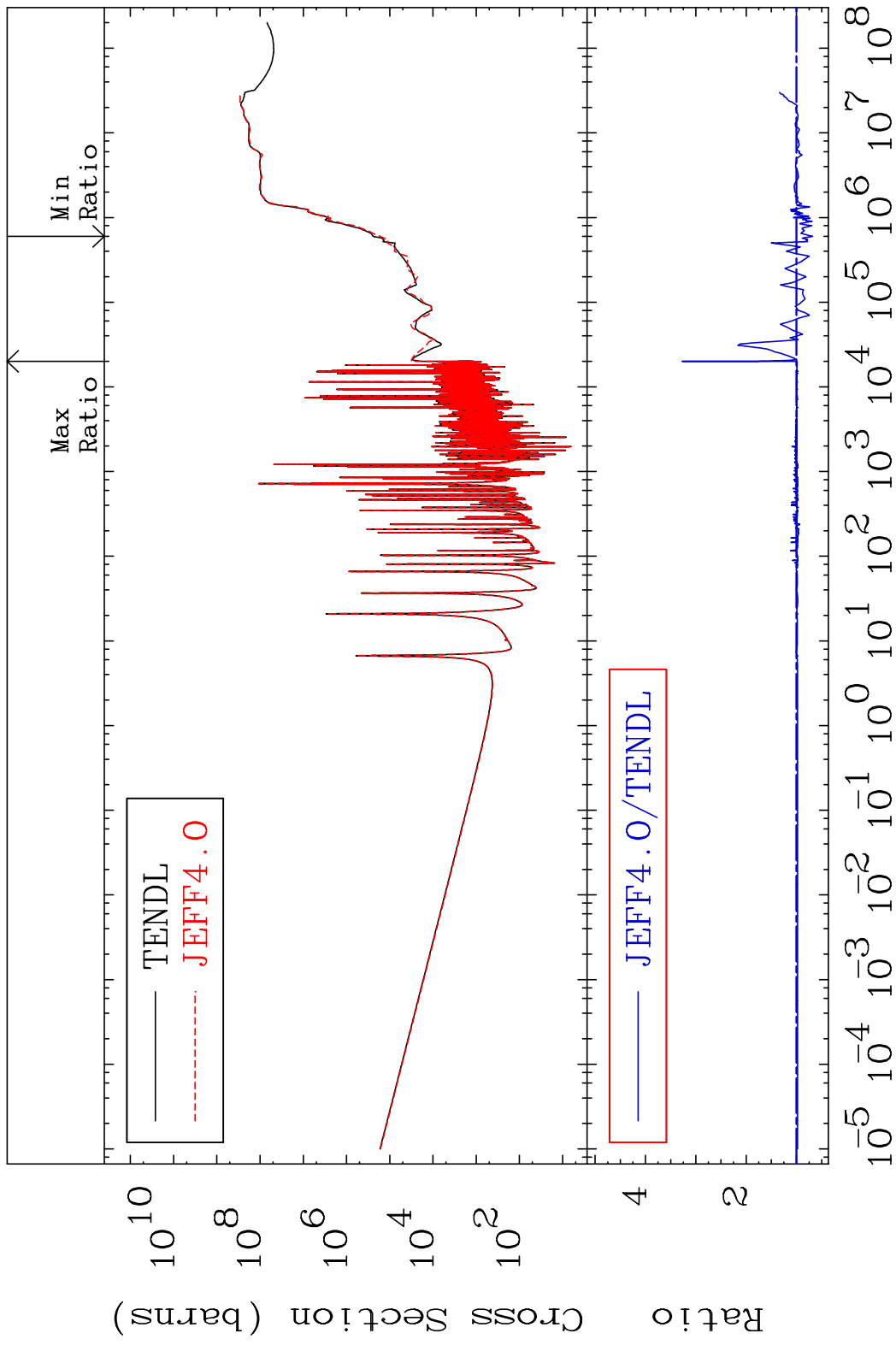
63

Incident Energy (eV) 92-U -238

MAT 9237 Total photon (eV-barns) 92-U -238
 Cross Section -95.09 To 1804. %



MAT 9237 Total kinematic kerma (high limit) 92-U -238
 Cross Section -31.89 To 226.8 %

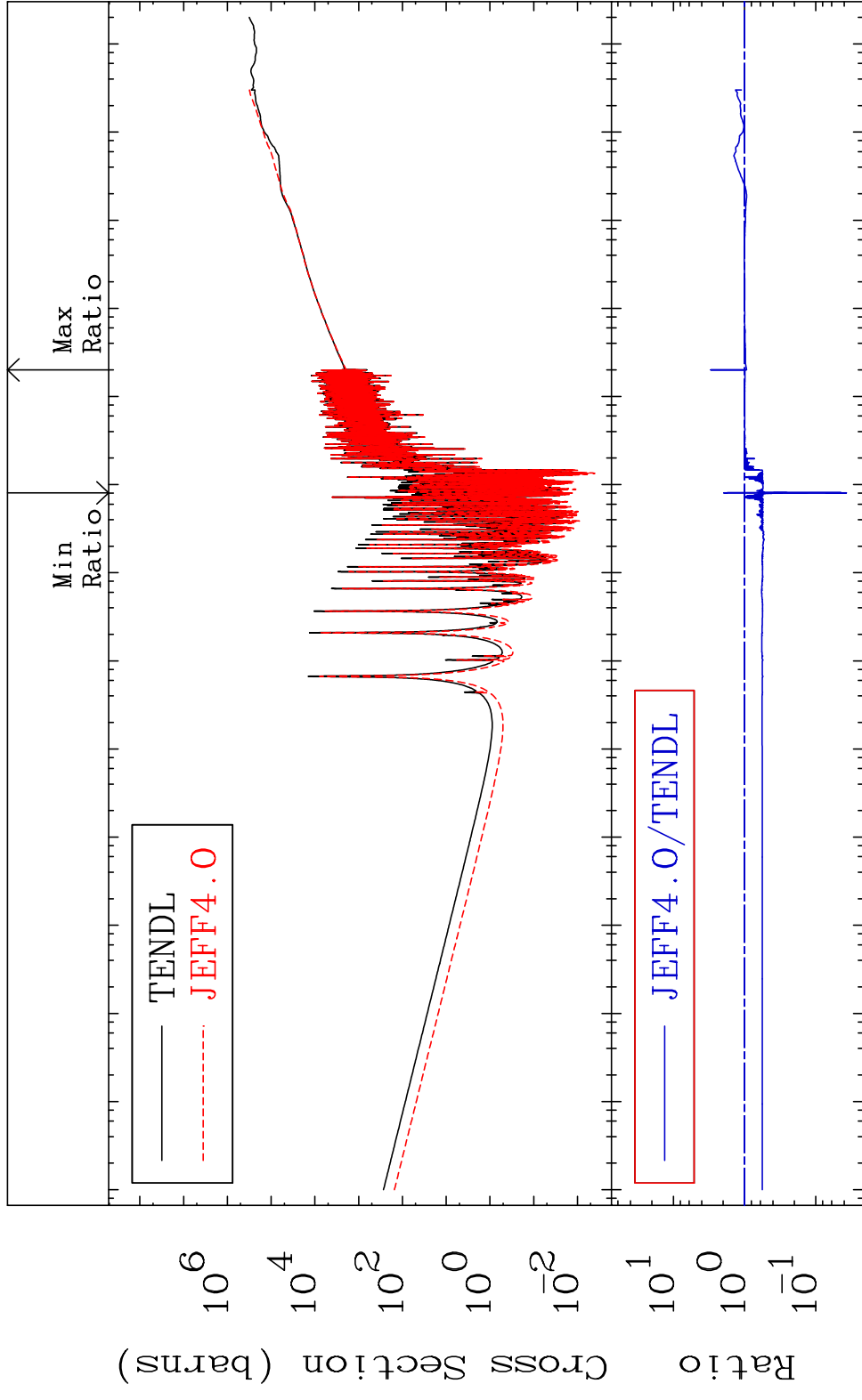


MAT 9237

Dpa total (eV-barns)

92-U -238

Cross Section -96.27 To 199.0 %



Ratio

10⁶

10⁴

10²

10⁰

10⁻²

10¹

10⁰

10⁻¹

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

66

Incident Energy (eV)

92-U -238

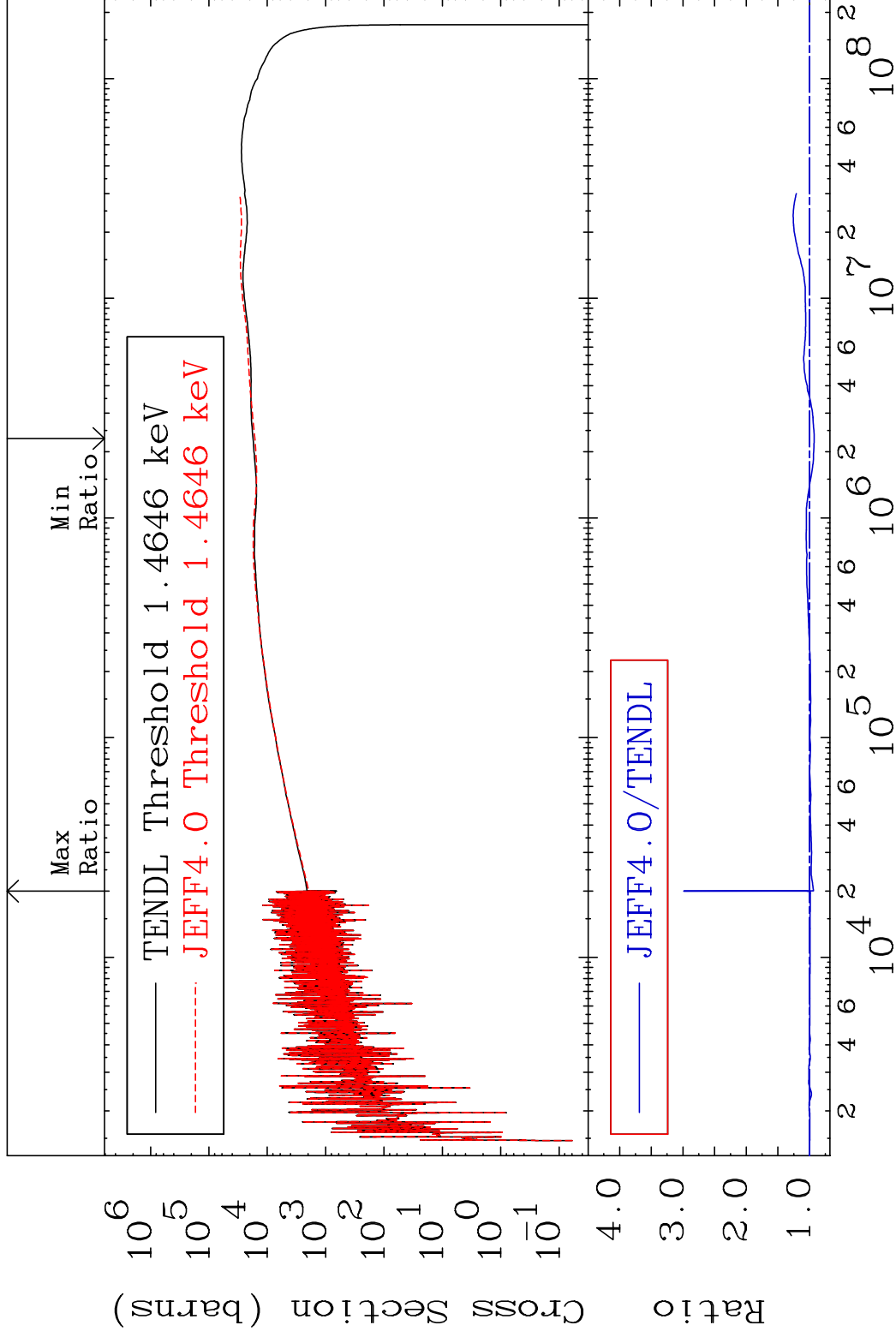
MAT 9237

Dpa elastic (mt2)

92-U -238

Cross Section

-7.116 To 198.9 %

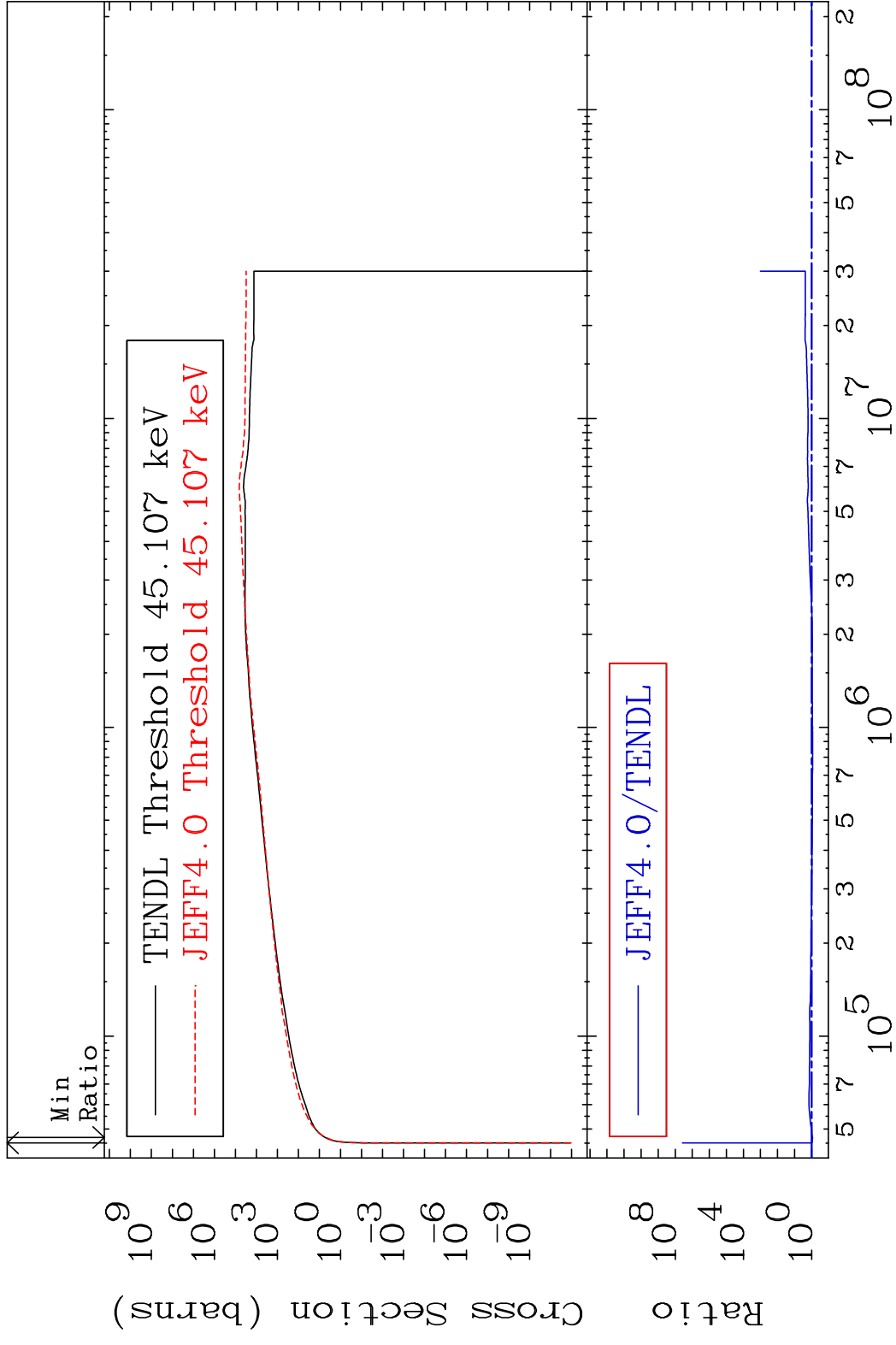


67

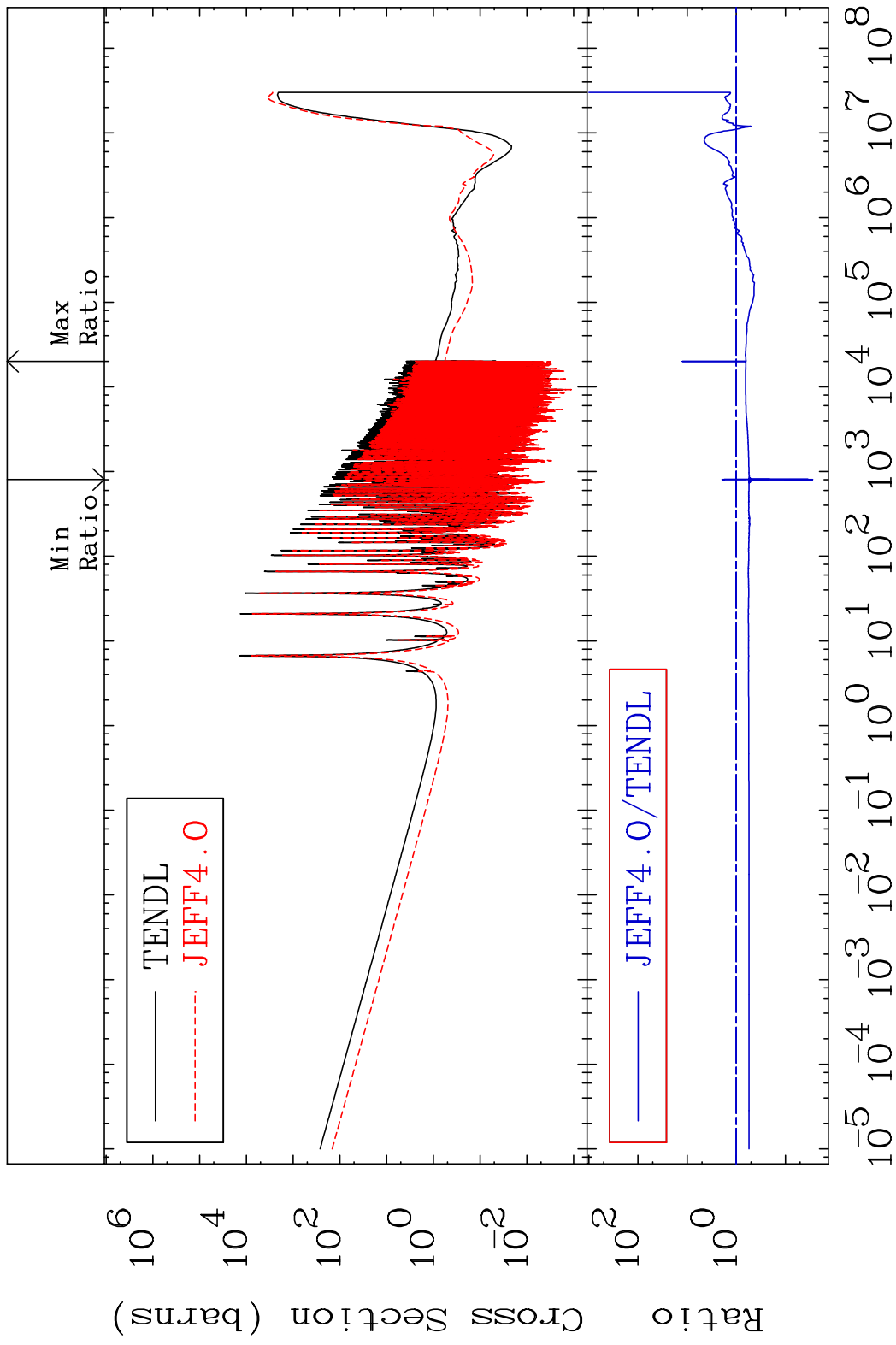
Incident Energy (eV)

92-U -238

MAT 9237 Dpa inelastic (mt51-91) 92-U -238
 Cross Section -11.55 To 9999. %

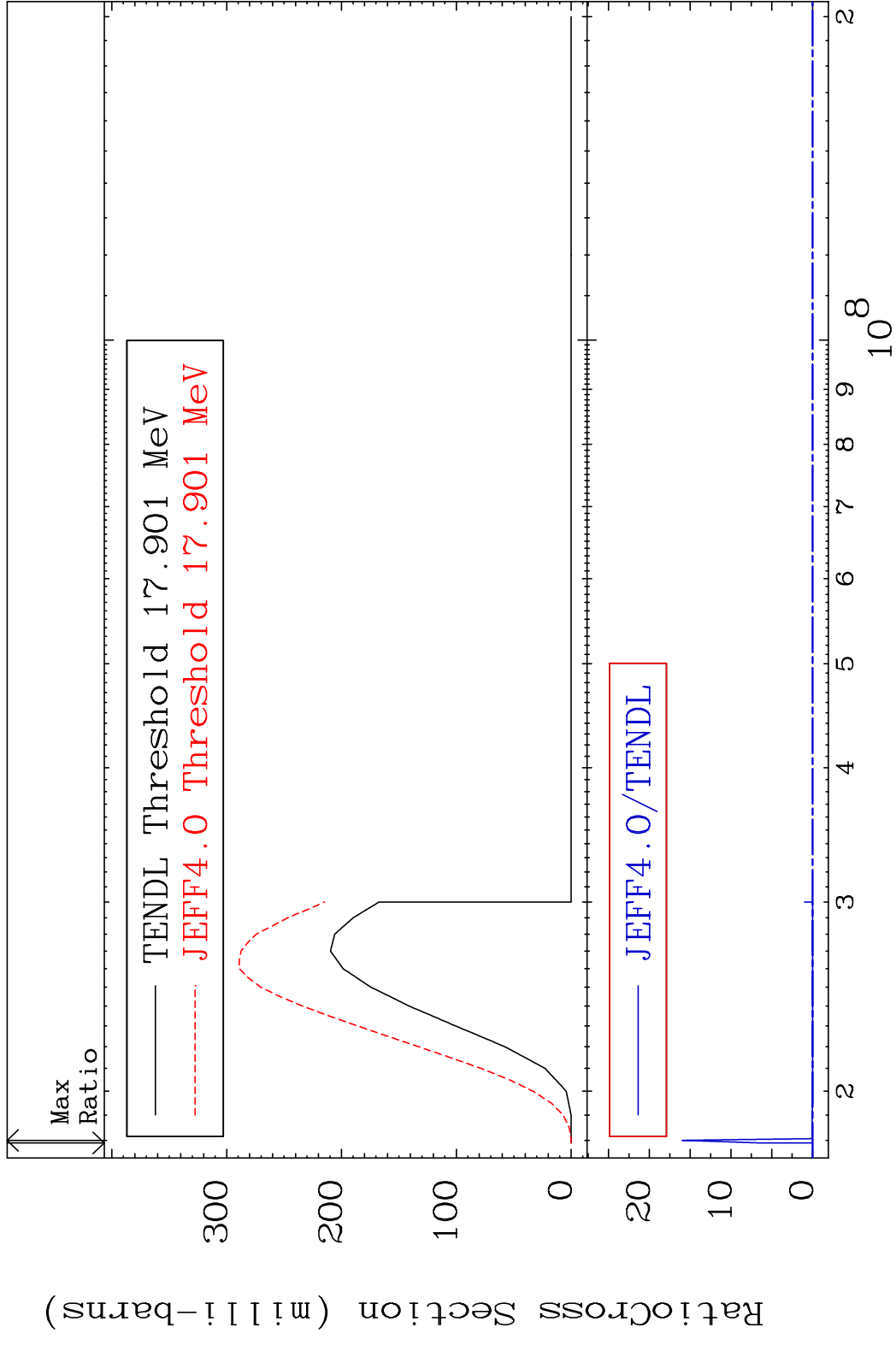


MAT 9237 Dpa disappearance (mt102 -120) 92-U -238
 Cross Section -97.20 To 1150. %



69 Incident Energy (eV) 92-U -238

MAT 9237 (n,4n):92-U -235g 92-U -238
 Radionuclide Production Cross Section Ratio 9999. %



70 Incident Energy (eV) 92-U -238

MAT 9237 (n,4n):92-U -235m1 92-U -238
 Radionuclide Production Cross Section Ratio 9999. %

