

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

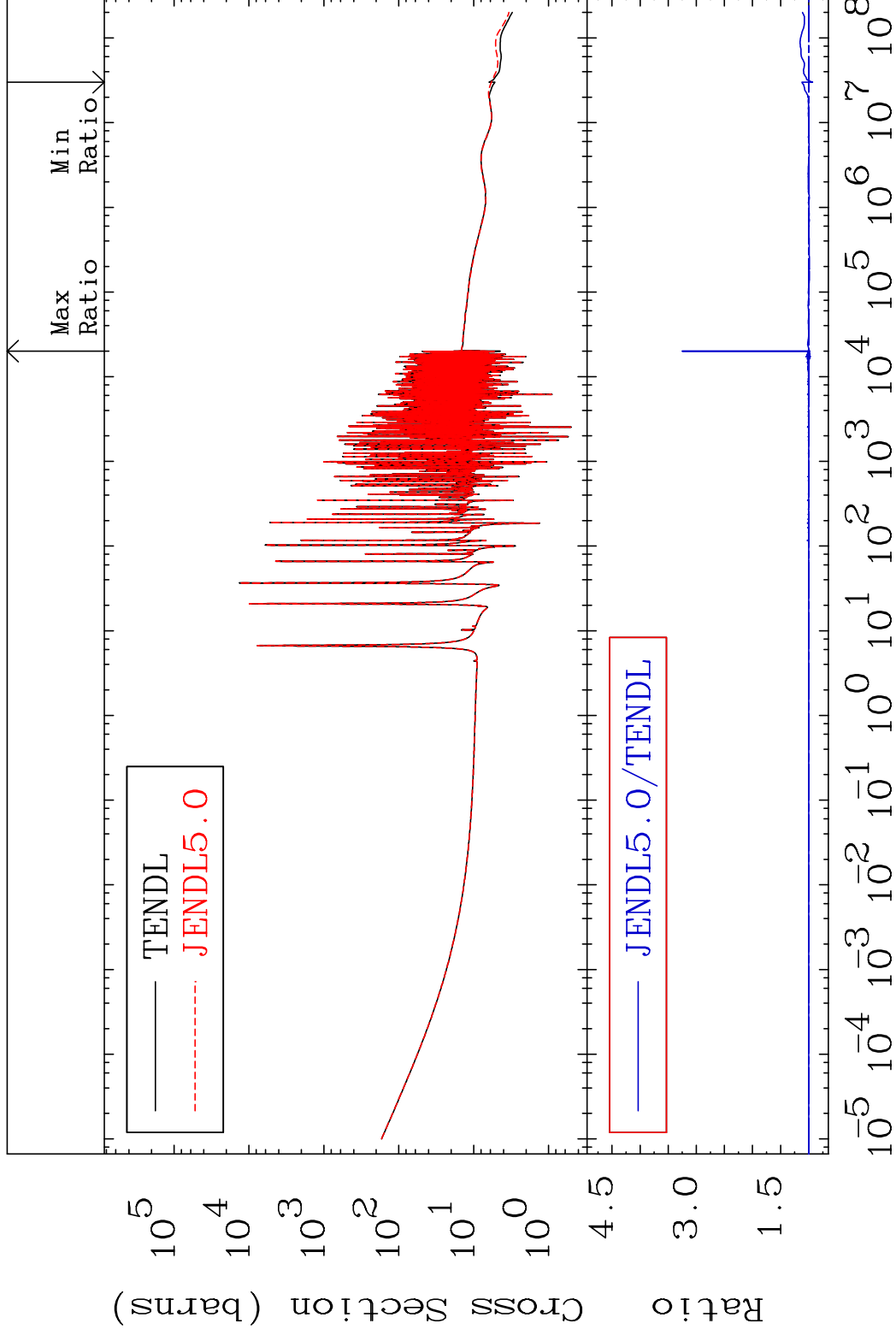
MAT 9237

Total

92-U -238

Cross Section

-6.830 To 224.8 %



1

Incident Energy (eV)

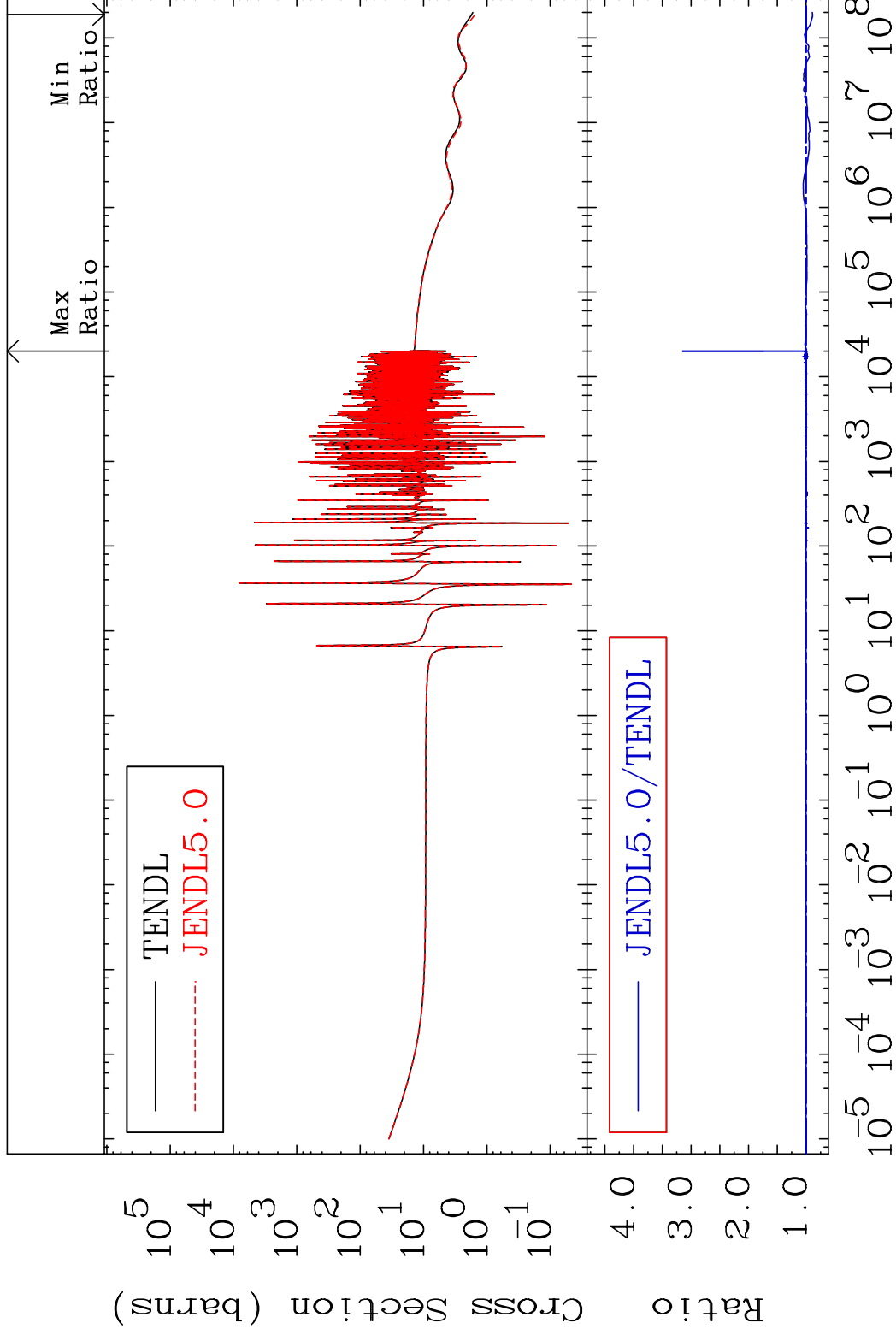
92-U -238

MAT 9237

Elastic

92-U -238

Cross Section -11.23 To 215.1 %



2

Incident Energy (eV)

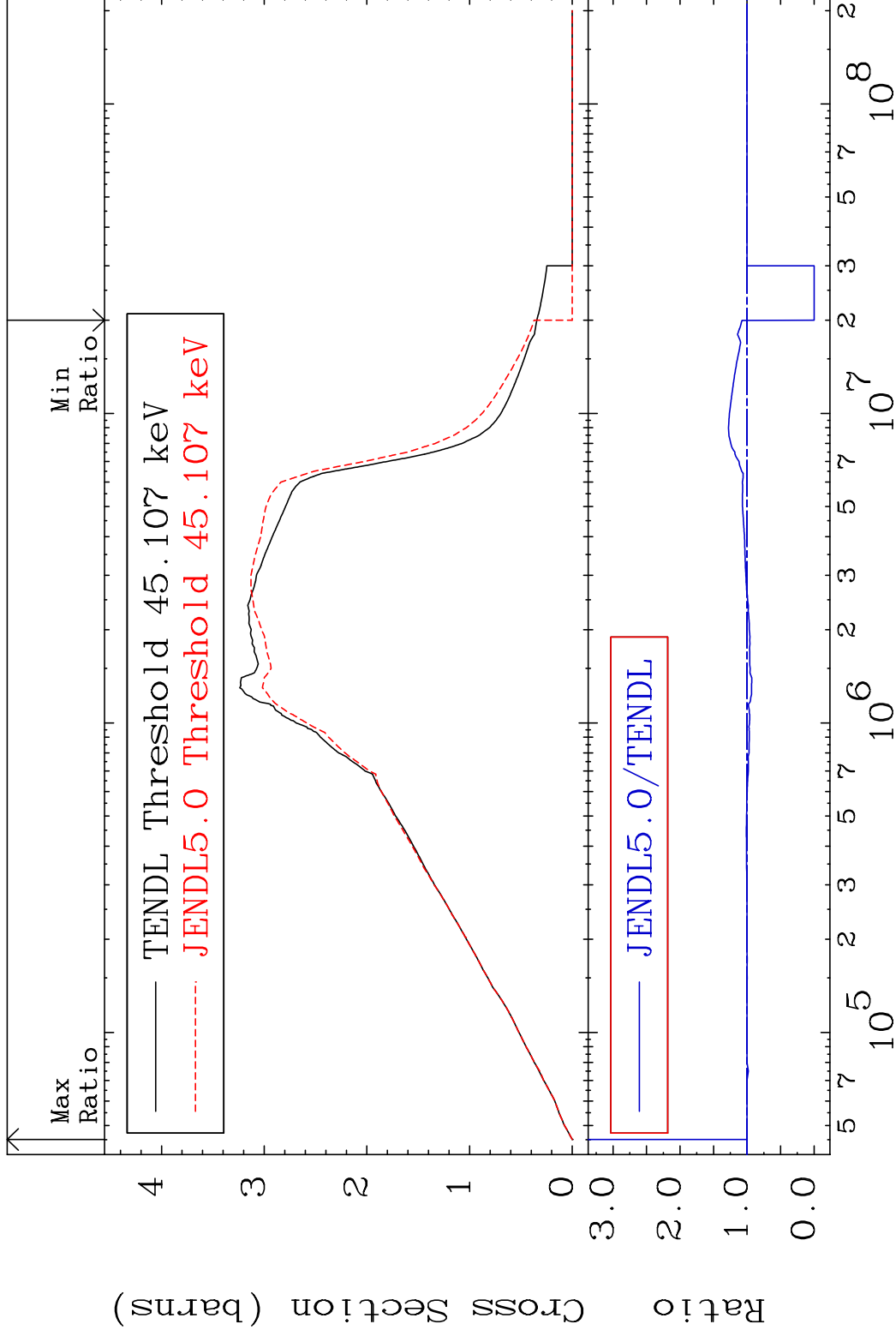
92-U -238

MAT 9237

Inelastic

92-U -238

Cross Section -100.0 To 94.64 %



3

Incident Energy (eV)

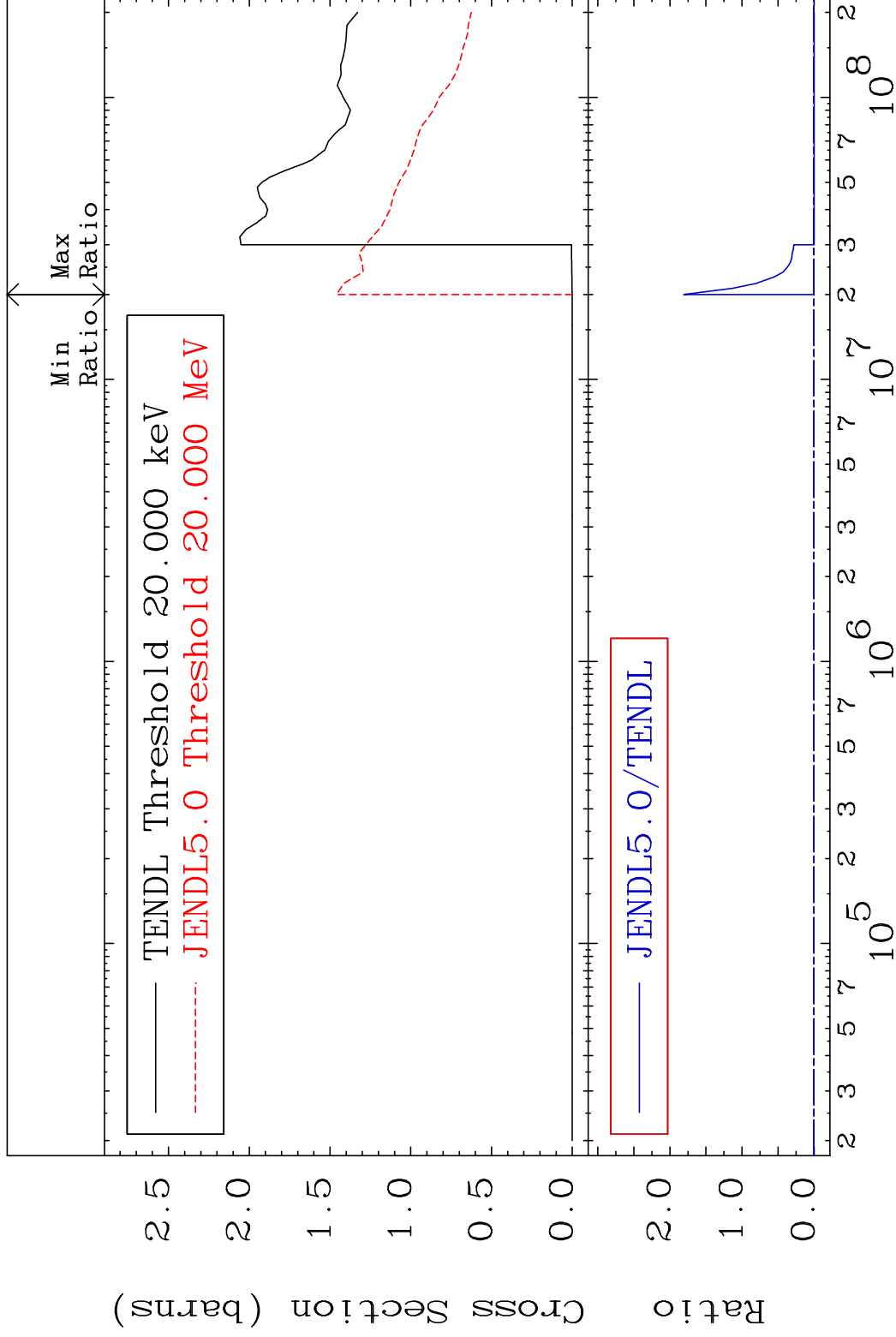
92-U -238

MAT 9237

(n, remainder)

92-U -238

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

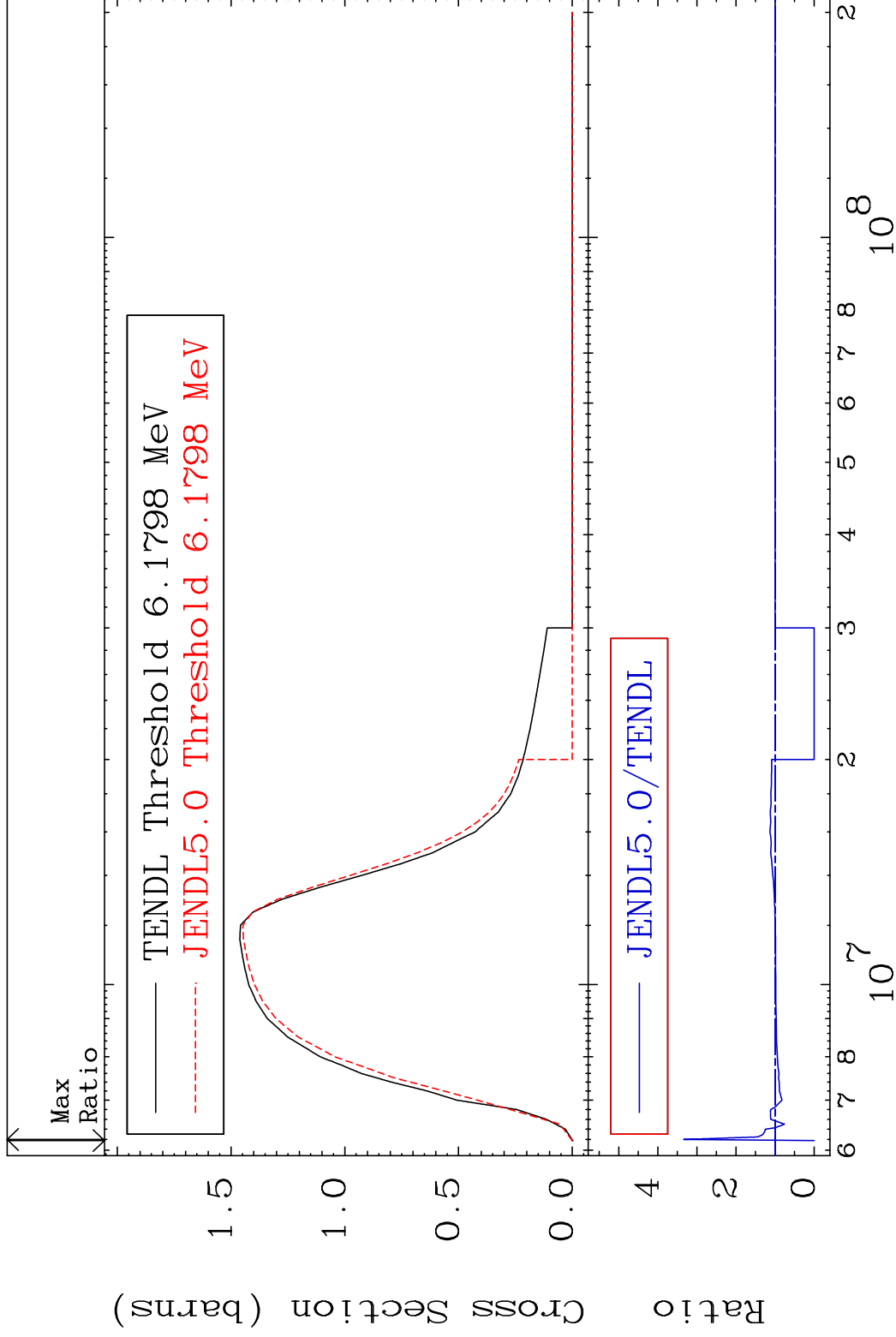
92-U -238

MAT 9237

(n,2n)

92-U -238

Cross Section -100.0 To 233.8 %



5

Incident Energy (eV)

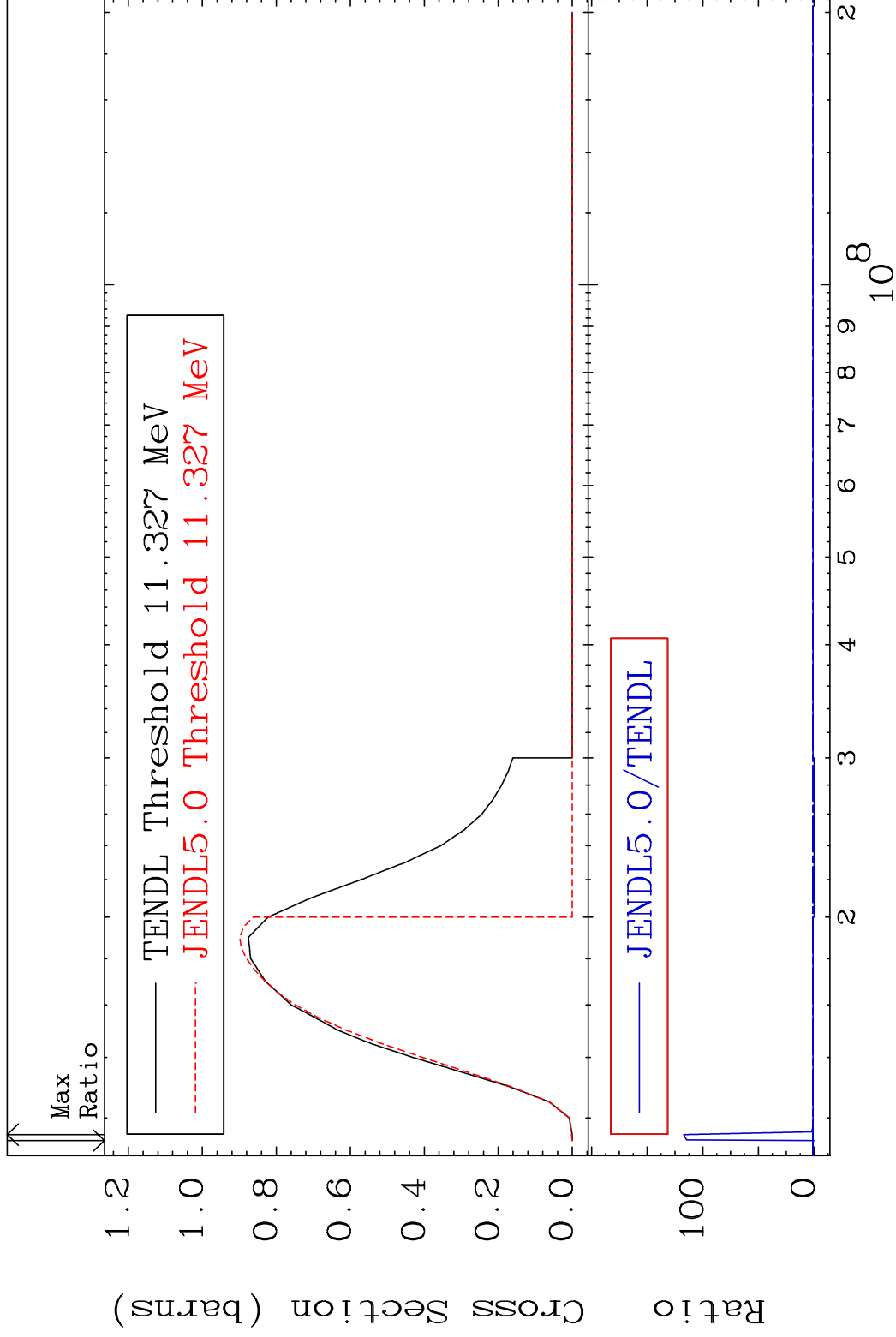
92-U -238

MAT 9237

(n,3n)

92-U -238

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

92-U -238

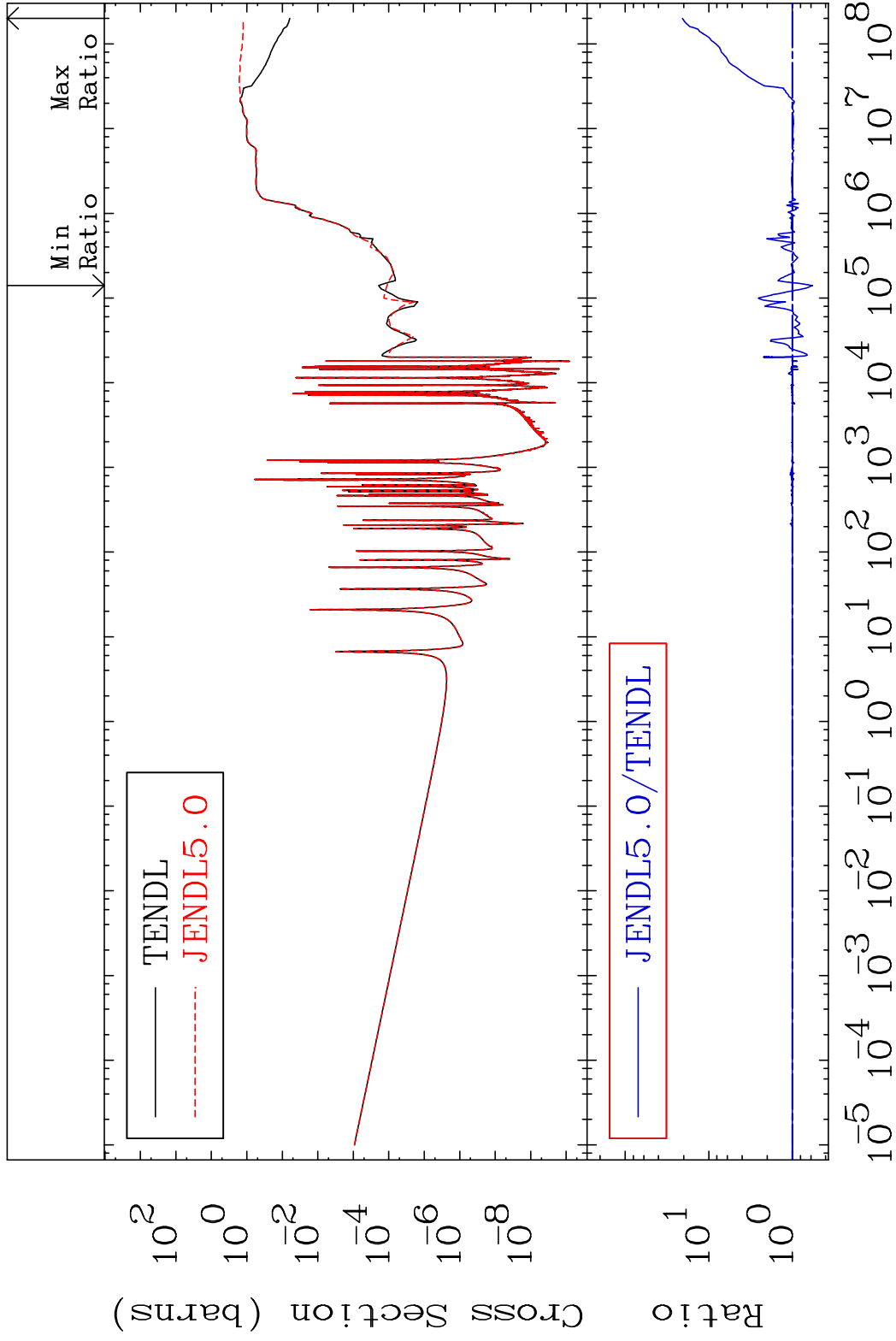
MAT 9237

Fission

92-U -238

Cross Section

-42.63 To 1974. %



7

Incident Energy (eV)

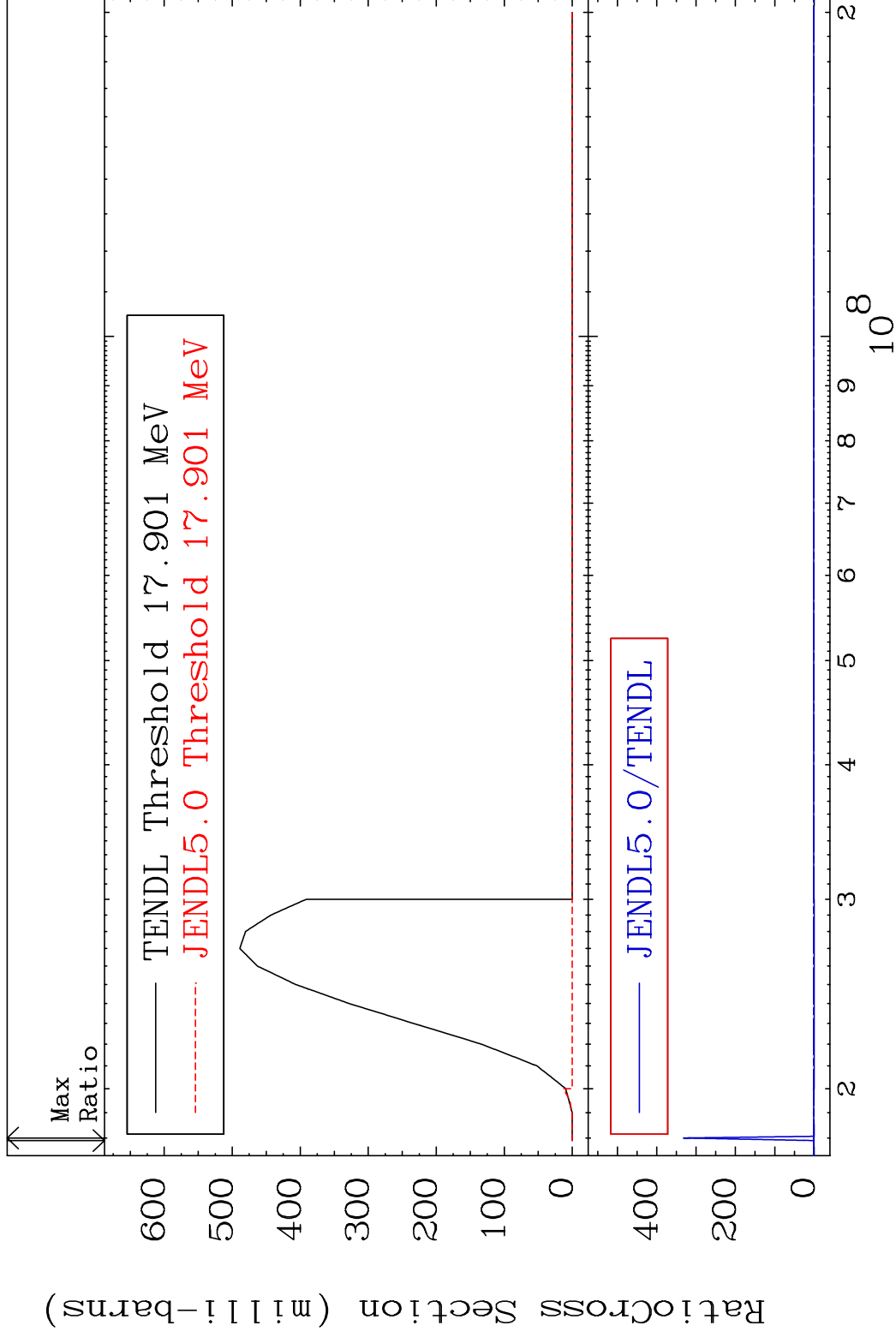
92-U -238

MAT 9237

(n,4n)

92-U -238

Cross Section -100.0 To 9999. %

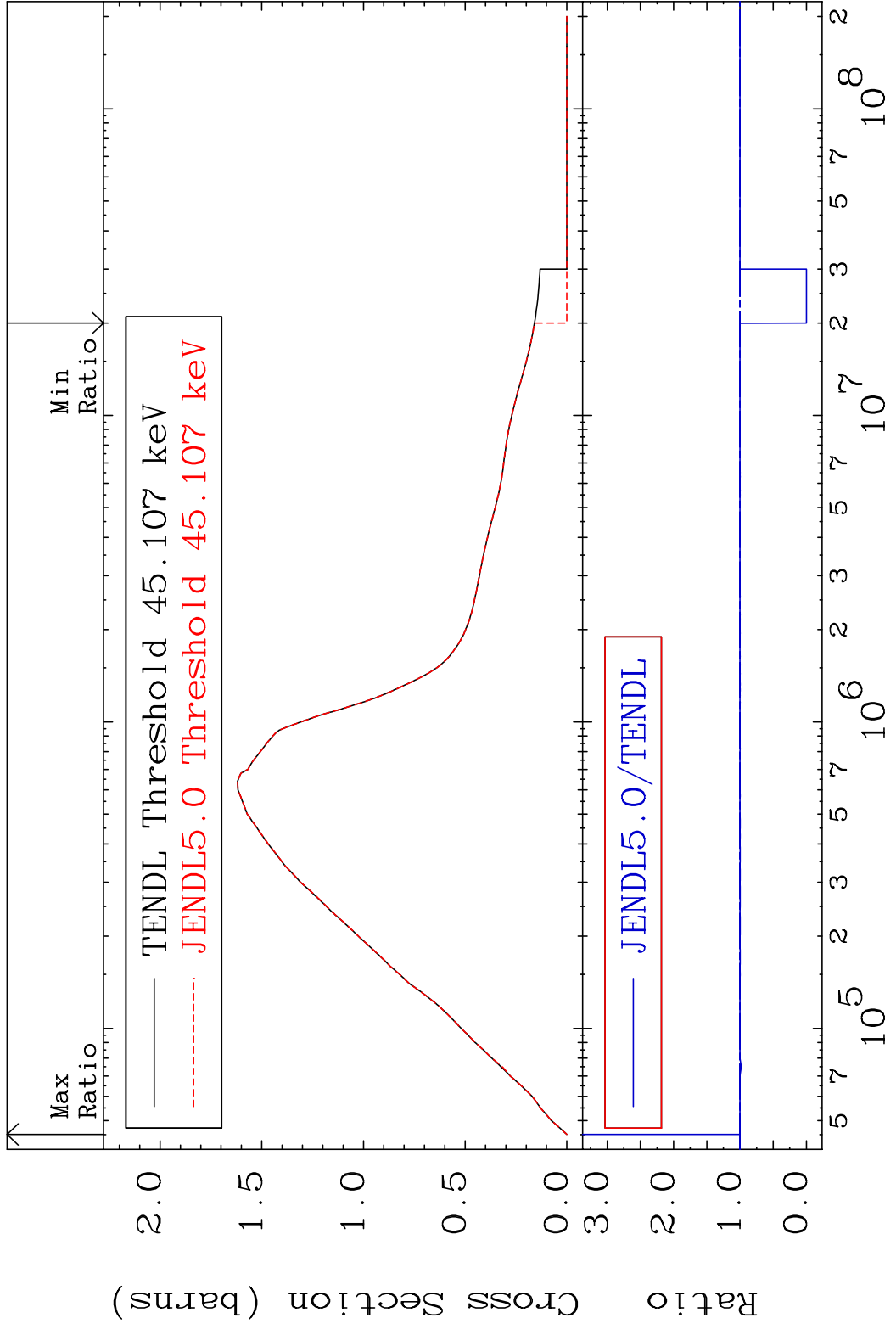


8

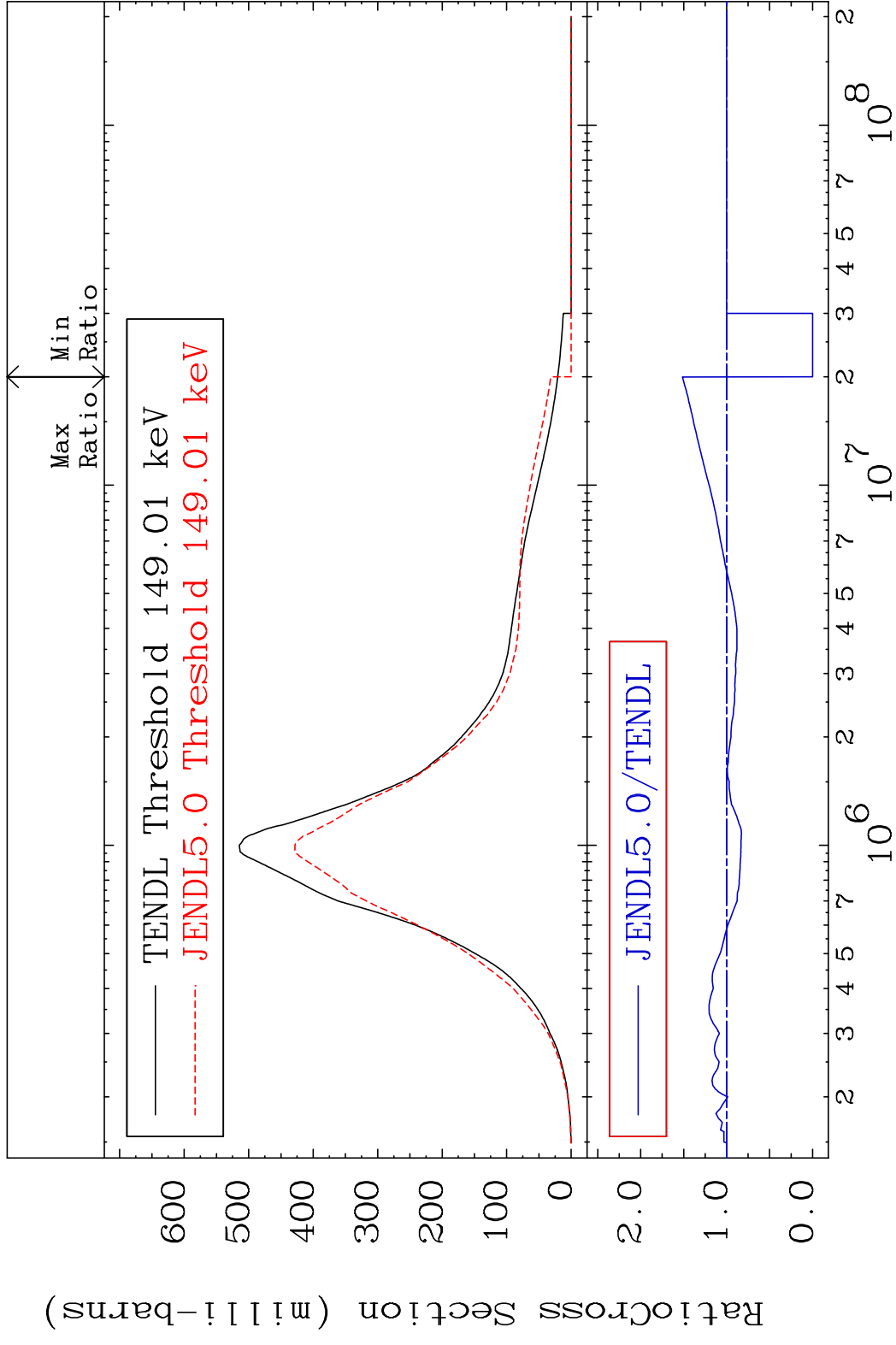
Incident Energy (eV)

92-U -238

MAT 9237 MT= 51 (n,n') Level 92-U -238
 Cross Section -100.0 To 94.64 %

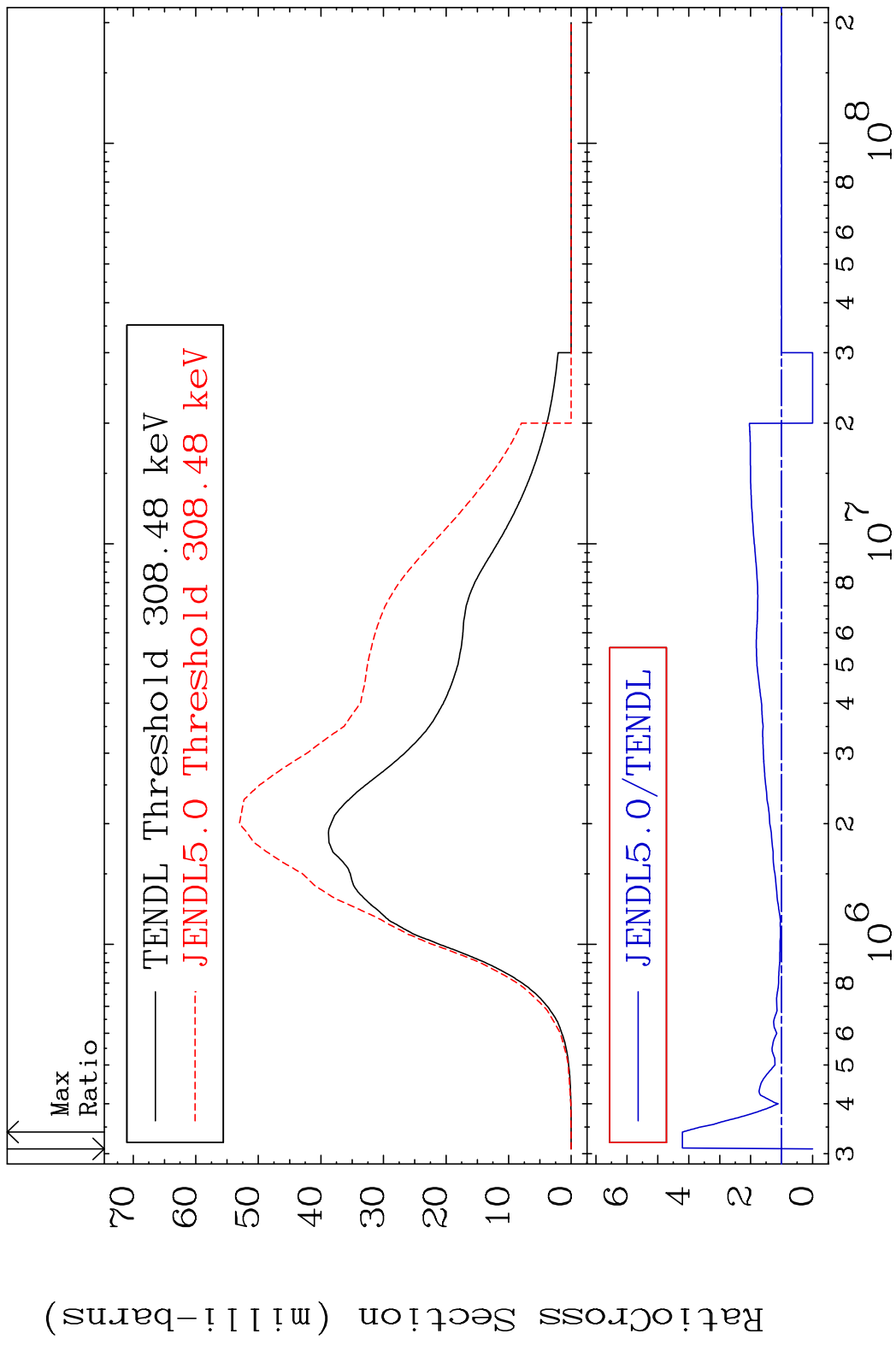


MAT 9237 MT= 52 (n, n') Level 92-U -238
 Cross Section -100.0 To 51.54 %

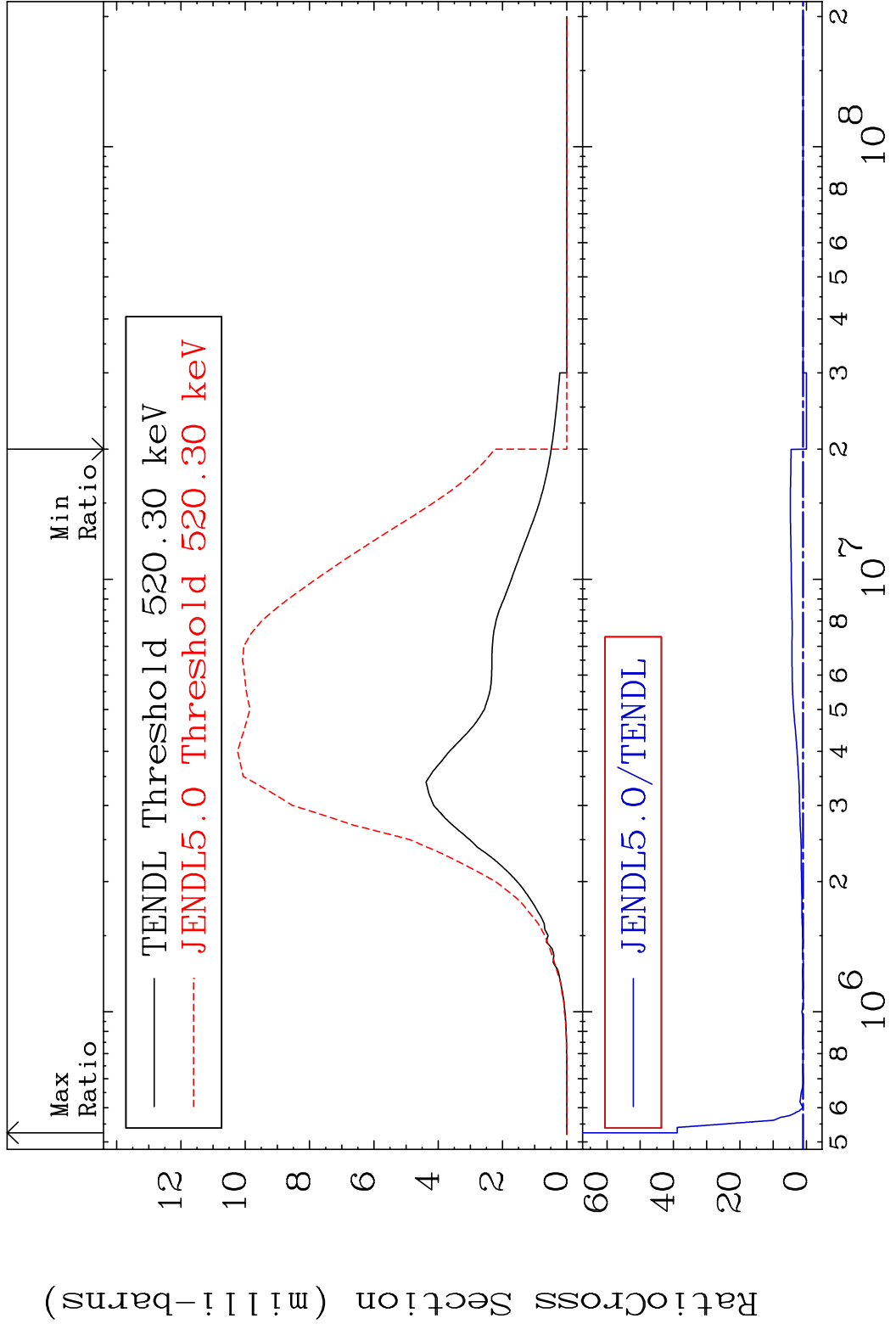


10 Incident Energy (eV) 92-U -238

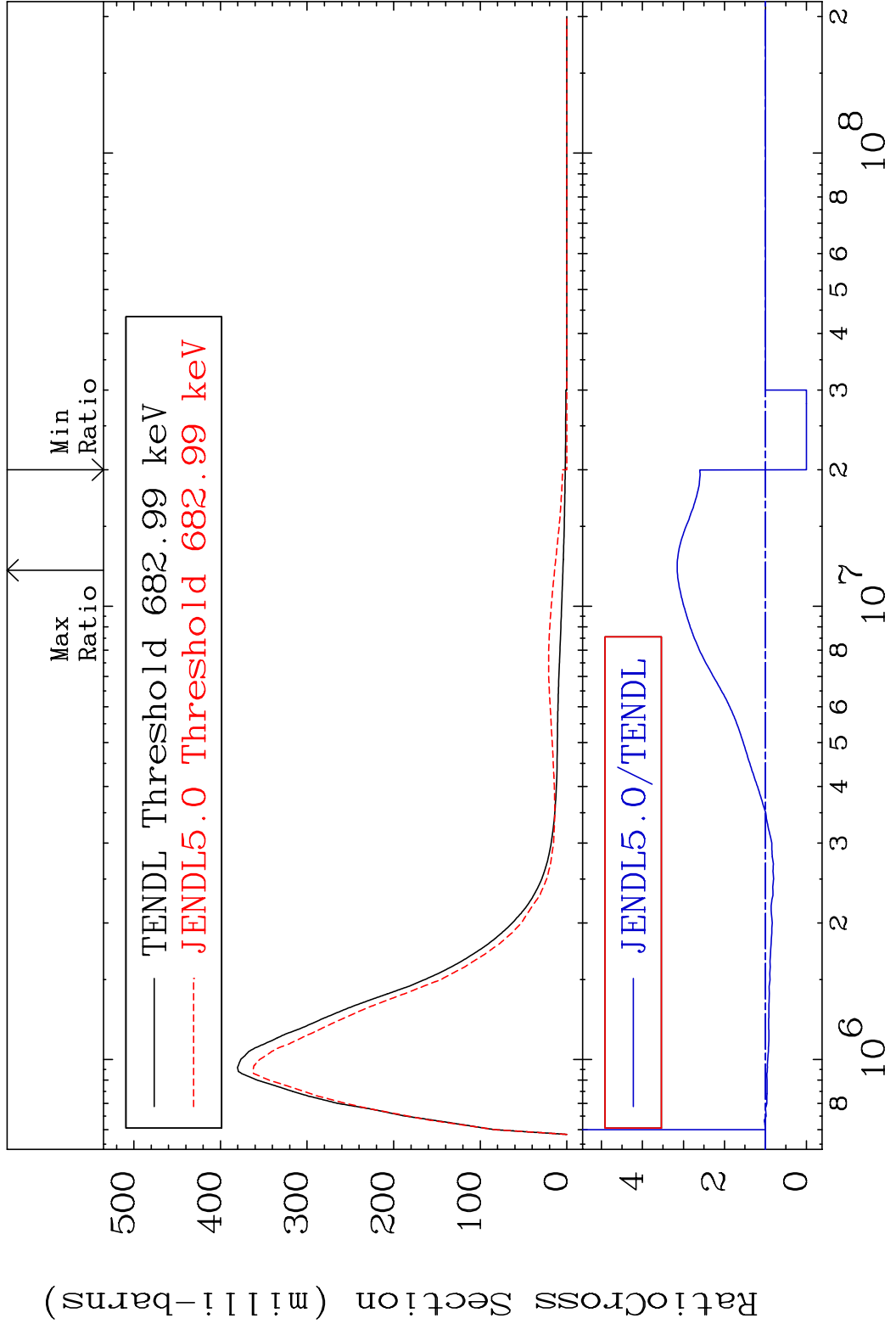
MAT 9237 MT= 53 (n,n') Level 92-U -238
 Cross Section -100.0 To 320.8 %



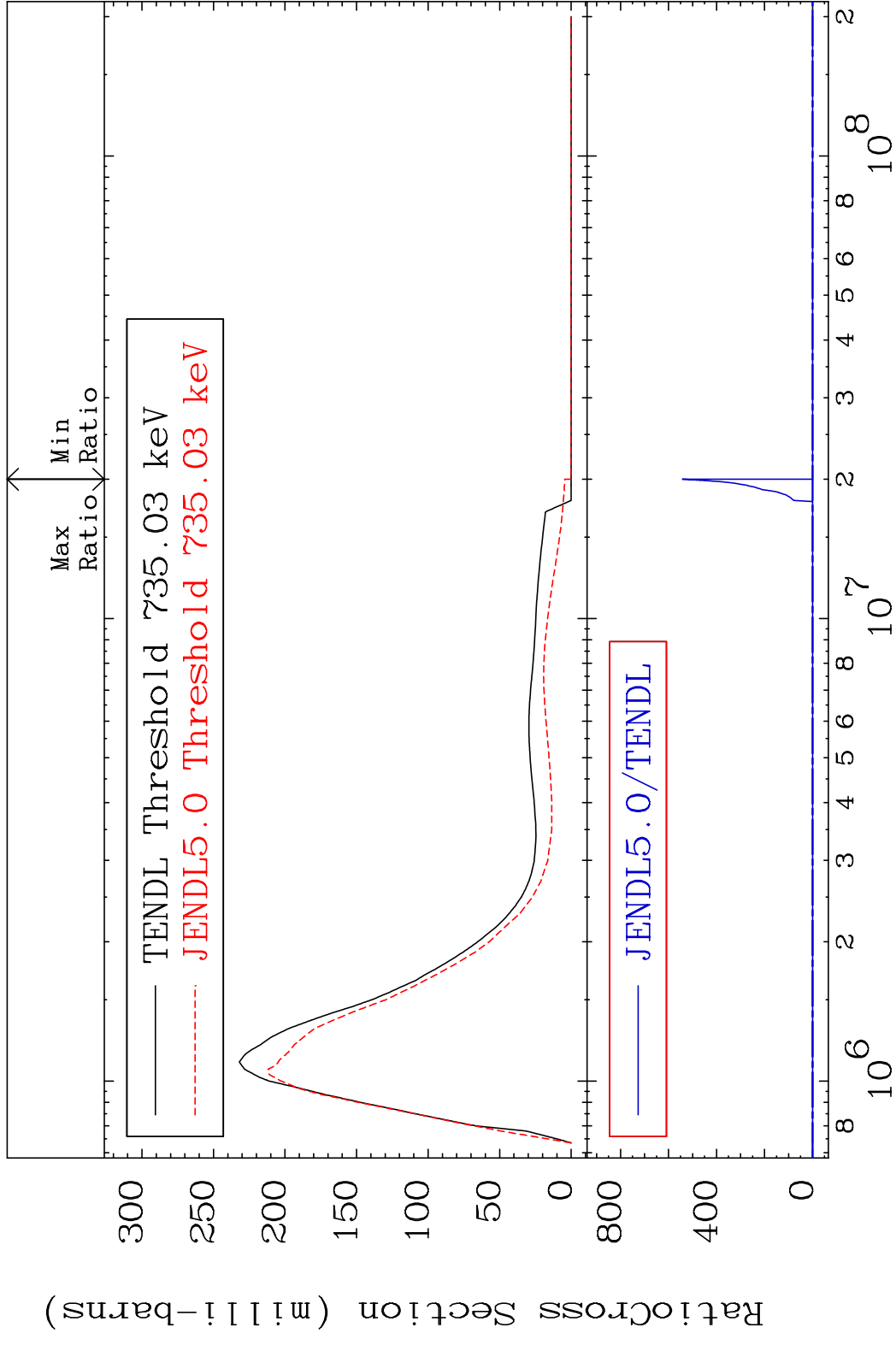
MAT 9237 MT= 54 (n, n') Level 92-U -238
 Cross Section -100.0 To 3787. %



MAT 9237 MT= 55 (n, n') Level 92-U -238
 Cross Section -100.0 To 215.3 %

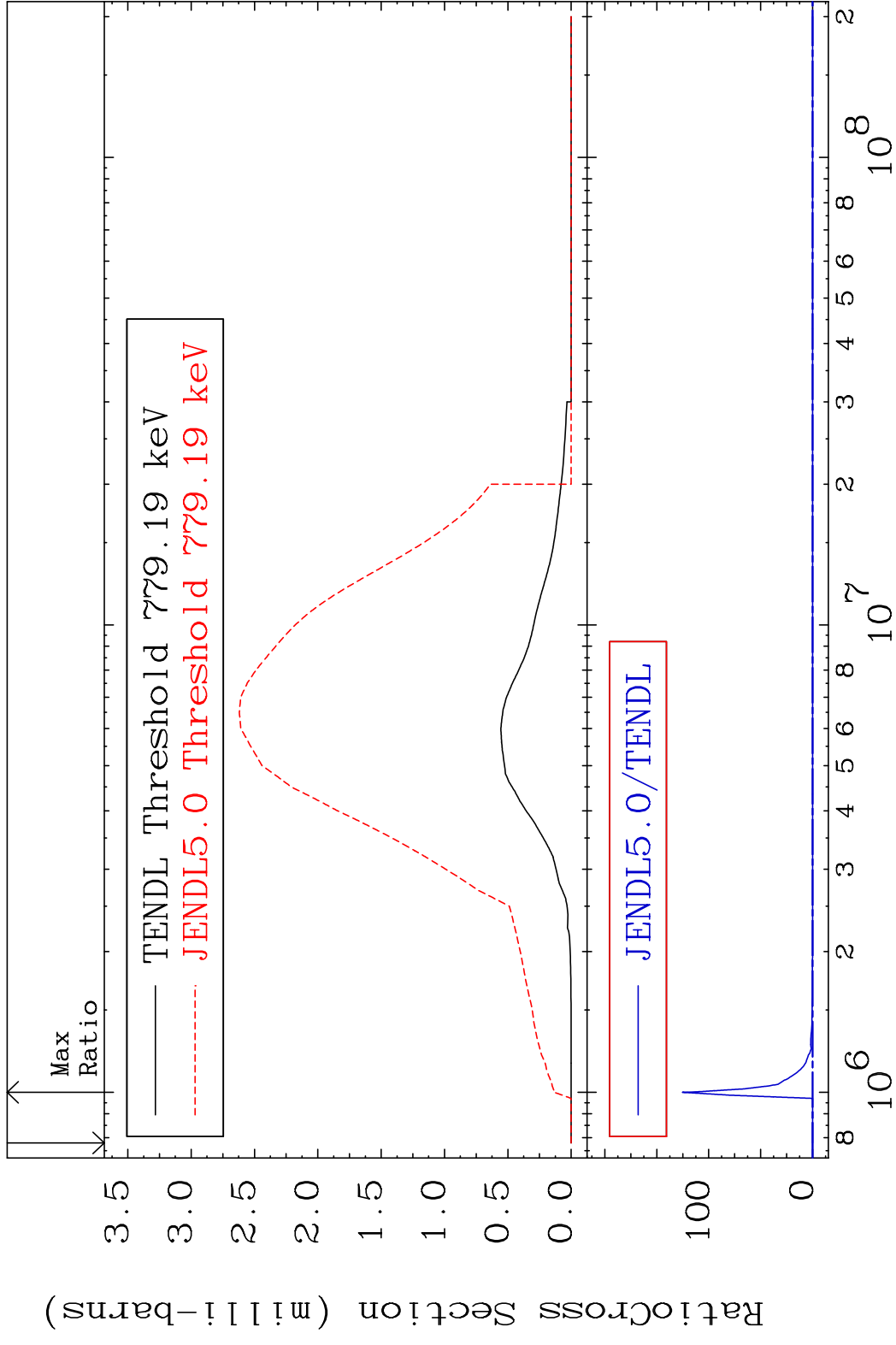


MAT 9237 MT= 56 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %

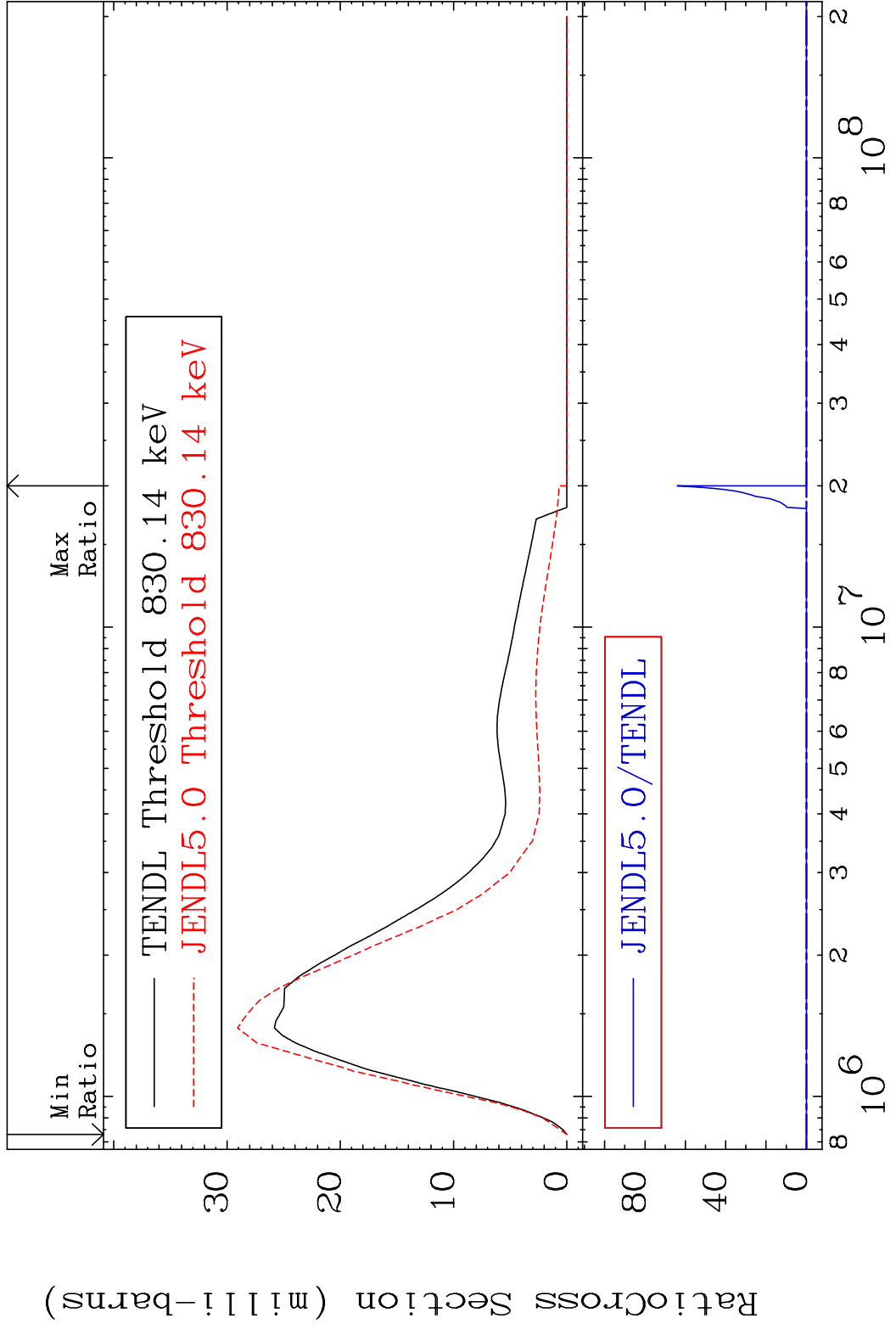


14 Incident Energy (eV) 92-U -238

MAT 9237 MT= 57 (n,n') Level 92-U -238
 Cross Section -100.0 To 9999. %

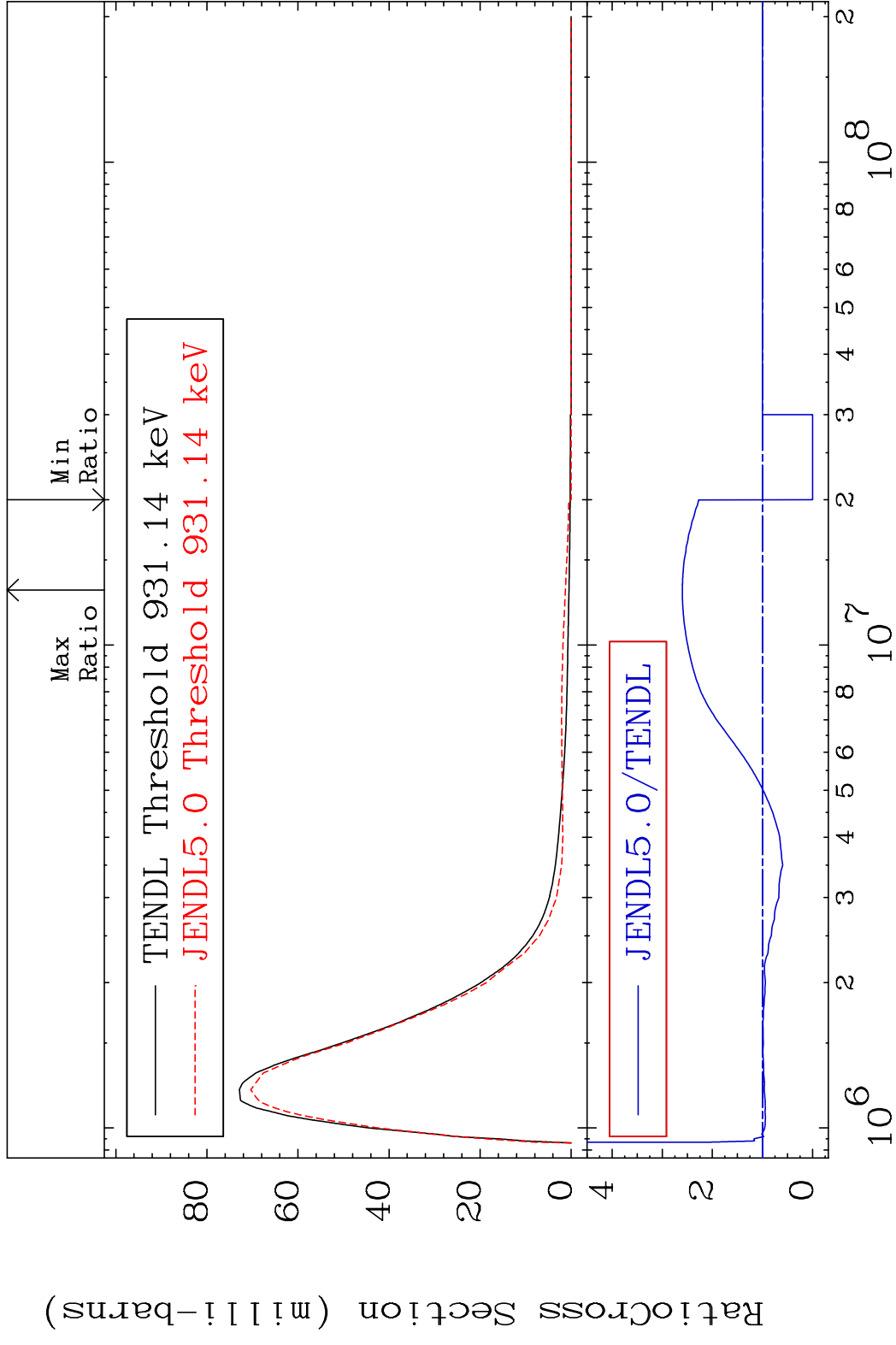


MAT 9237 MT= 58 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



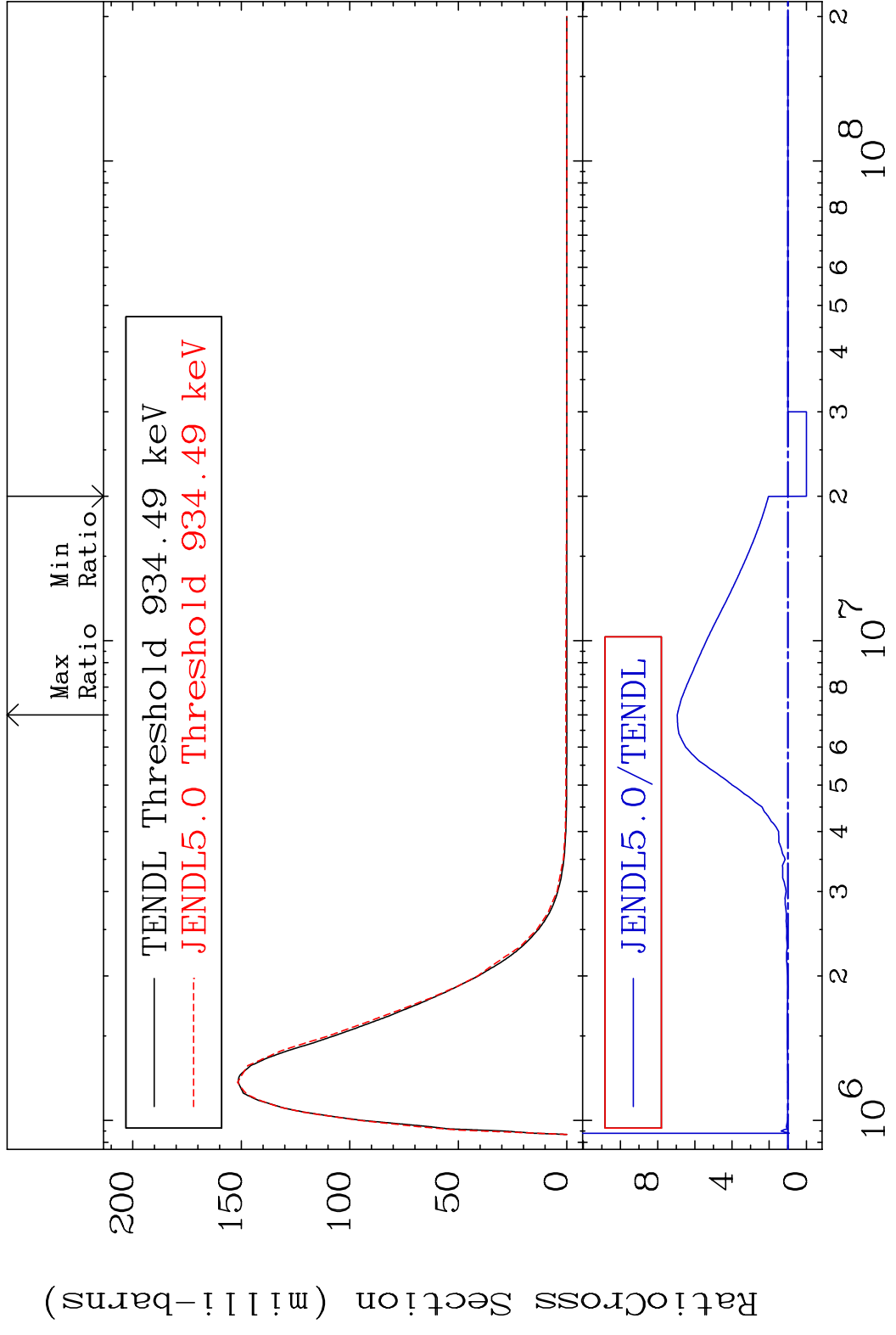
16 Incident Energy (eV) 92-U -238

MAT 9237 MT= 59 (n, n') Level 92-U -238
 Cross Section -100.0 To 159.9 %



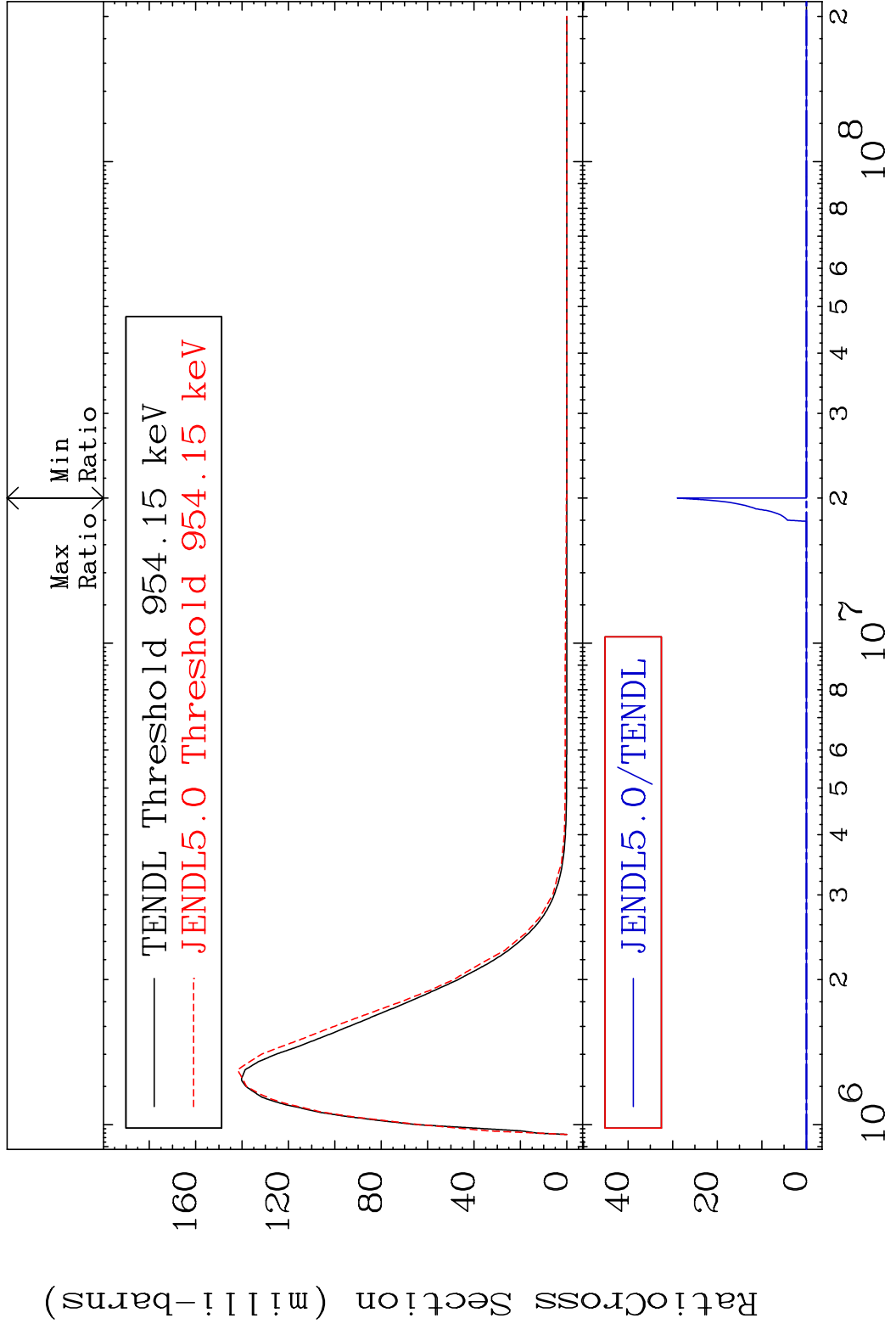
17 Incident Energy (eV) 92-U -238

MAT 9237 MT= 60 (n, n') Level 92-U -238
 Cross Section -100.0 To 595.0 %



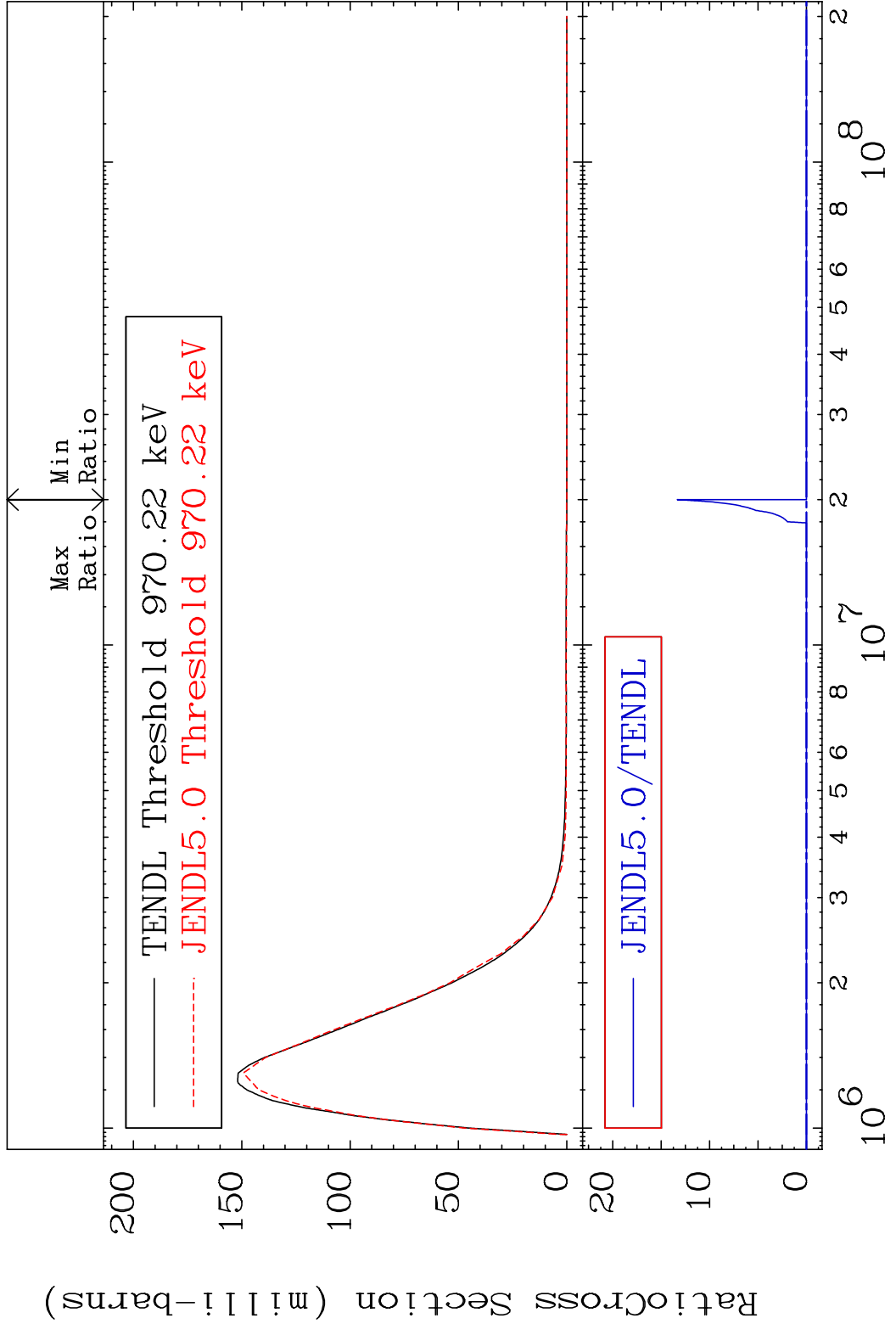
18 18 Incident Energy (eV) 92-U -238

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



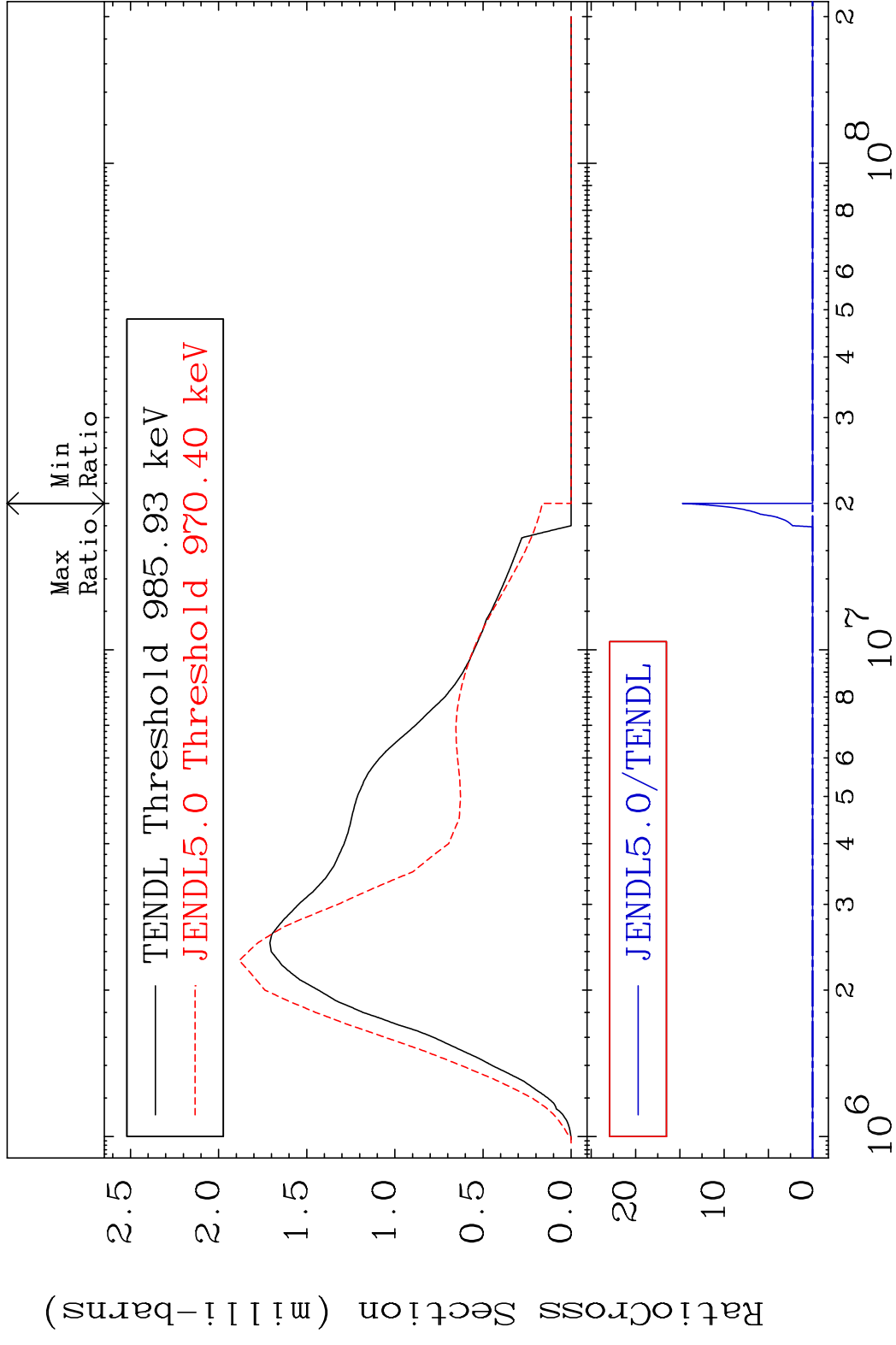
19 Incident Energy (eV) 92-U -238

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



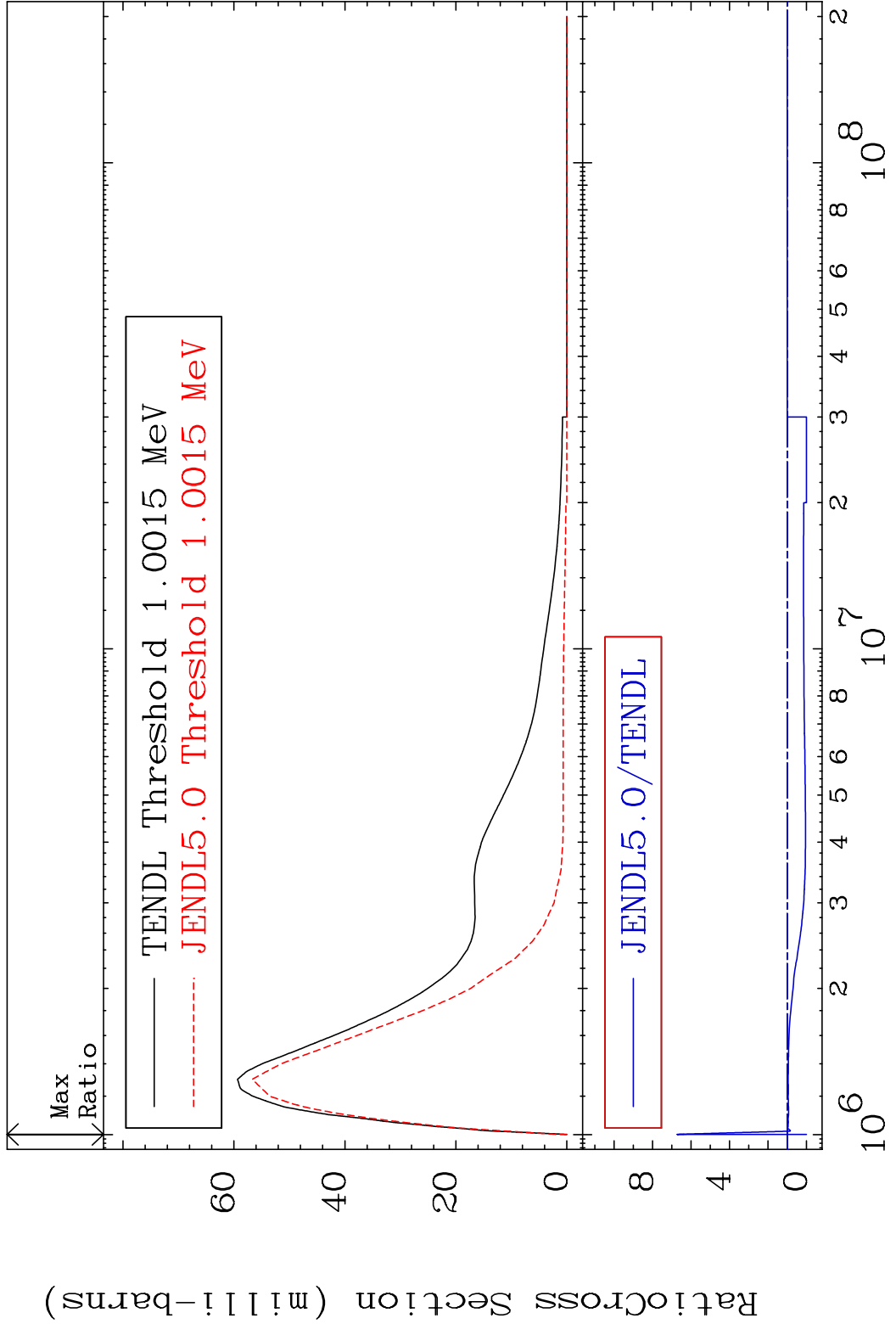
20 10 0 20 2 3 4 5 6 8 10⁶ 10⁷ 10⁸ 2

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



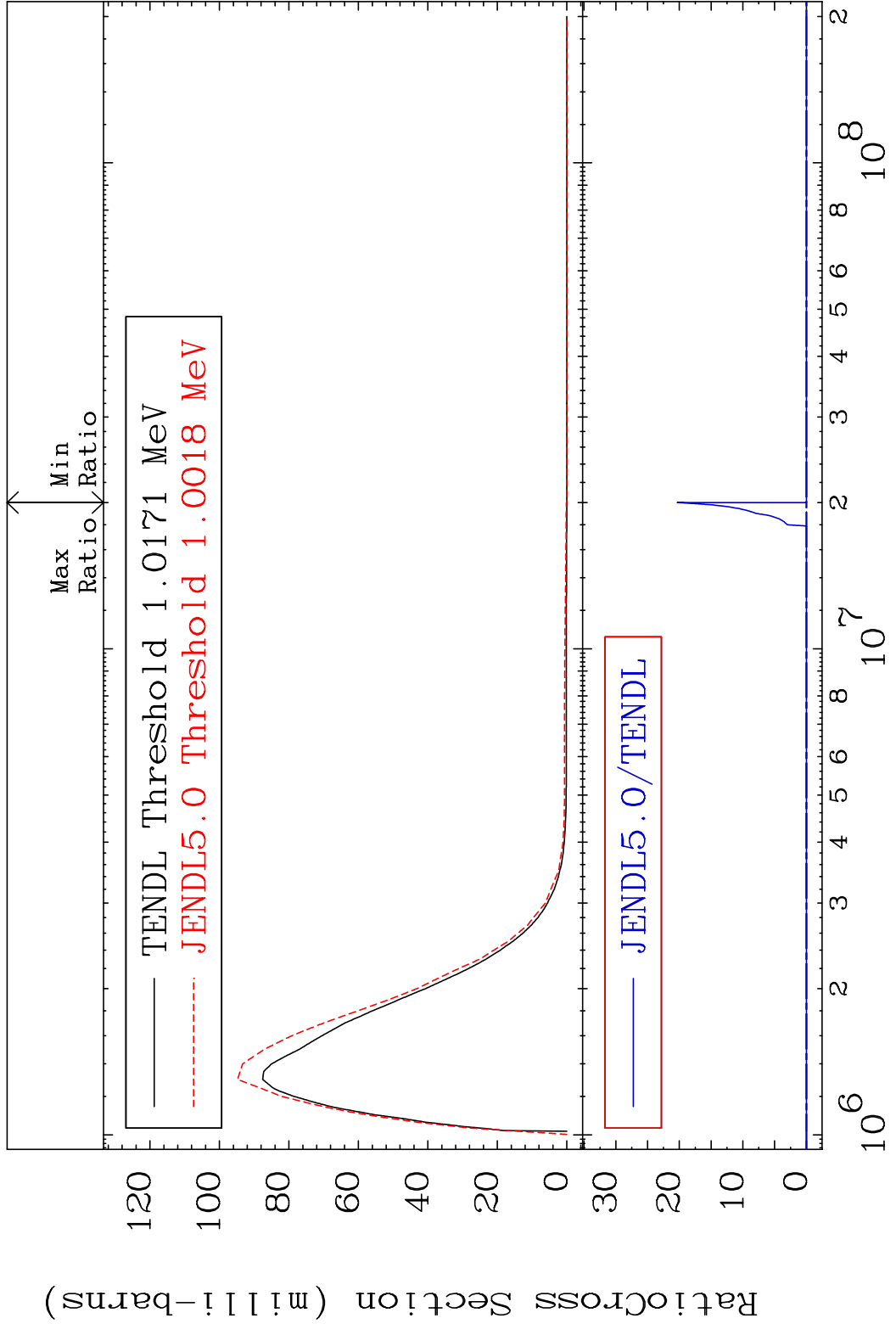
92-U -238

MAT 9237 MT= 64 (n,n') Level 92-U -238
 Cross Section -100.0 To 571.9 %



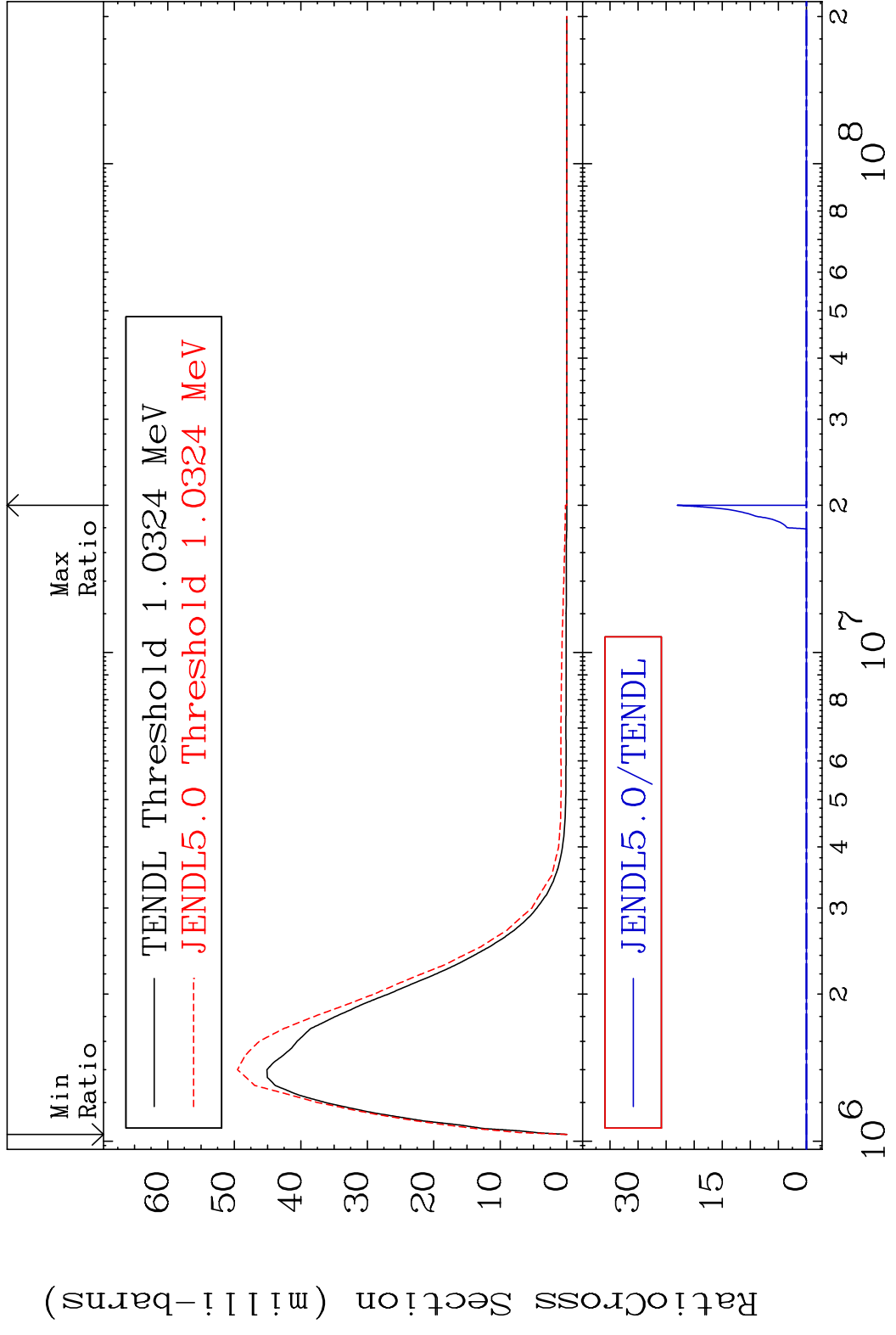
22 Incident Energy (eV) 92-U -238

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

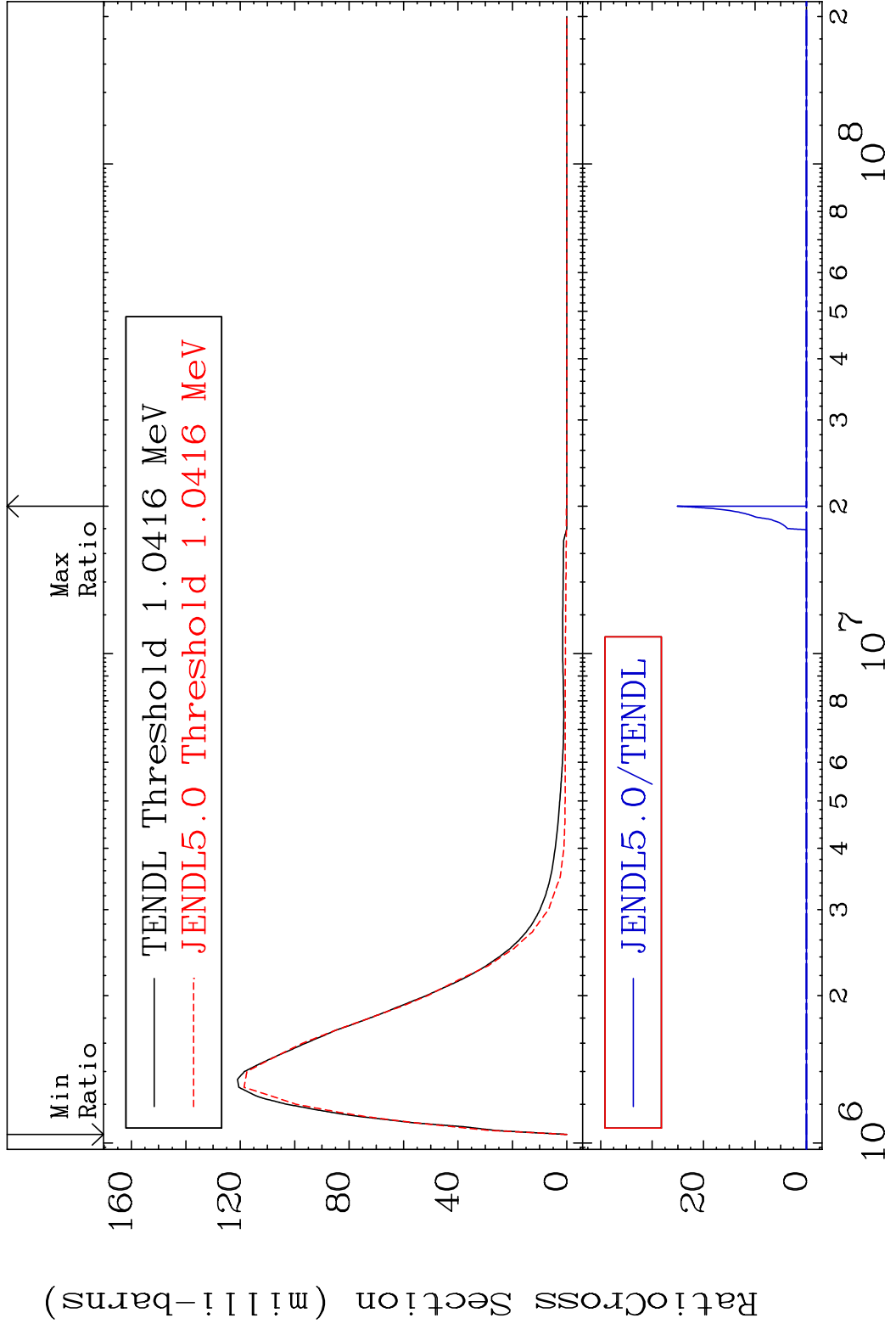


23 Incident Energy (eV) 92-U -238

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

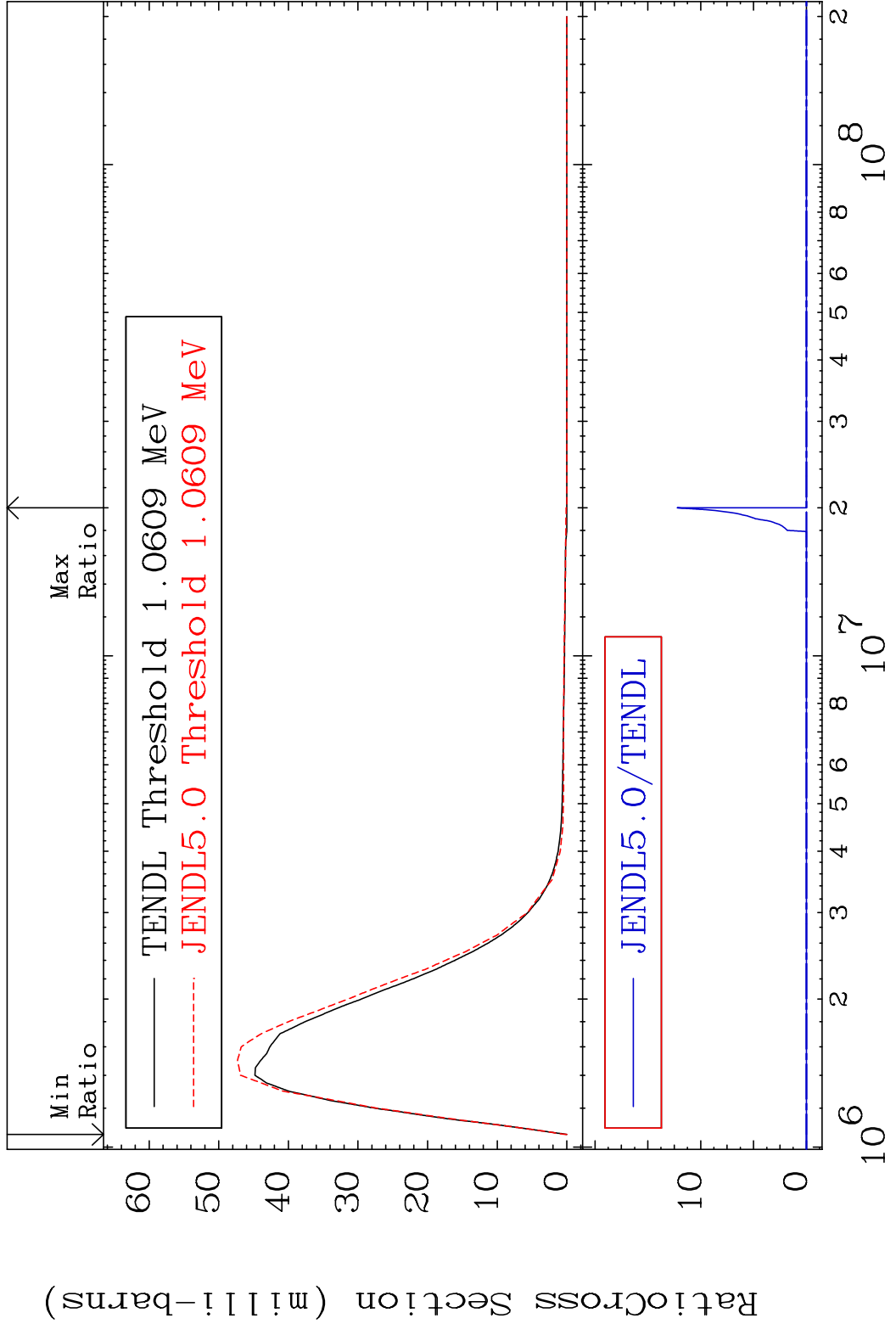


MAT 9237 MT= 67 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



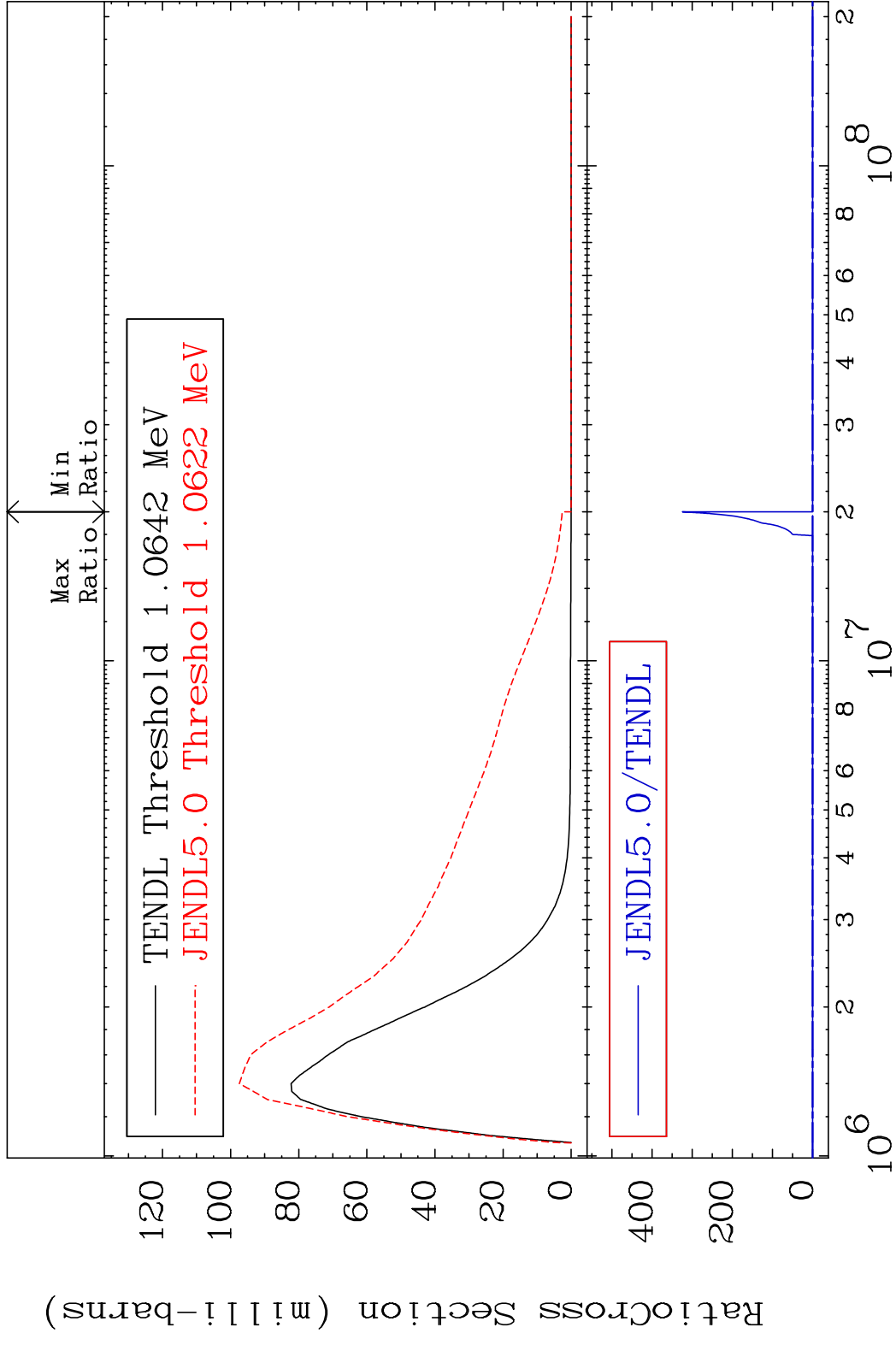
25 Incident Energy (eV) 92-U -238

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



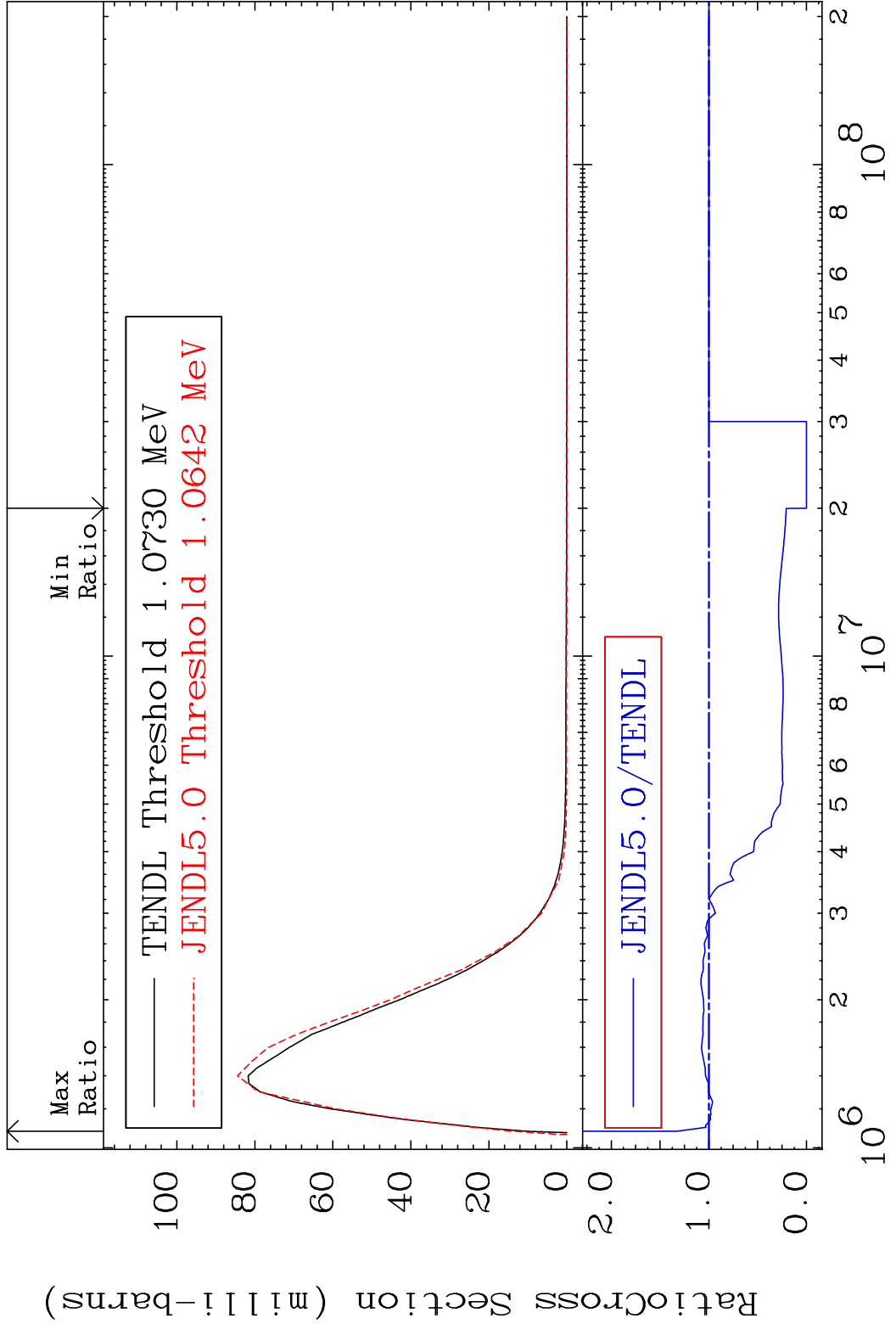
26 Incident Energy (eV) 92-U -238

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



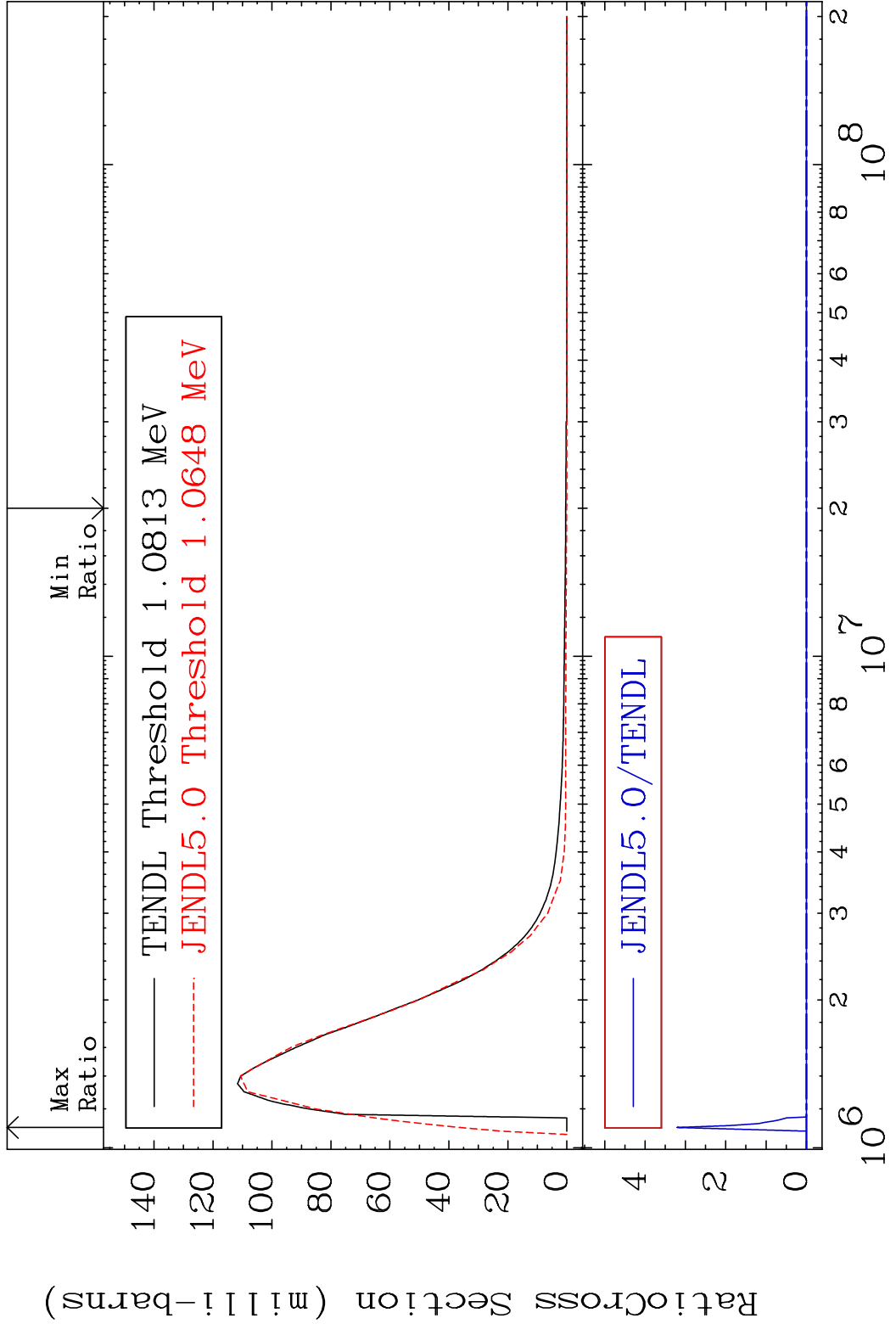
27 Incident Energy (eV) 92-U -238

MAT 9237 MT= 70 (n, n') Level 92-U -238
 Cross Section -100.0 To 32.44 %



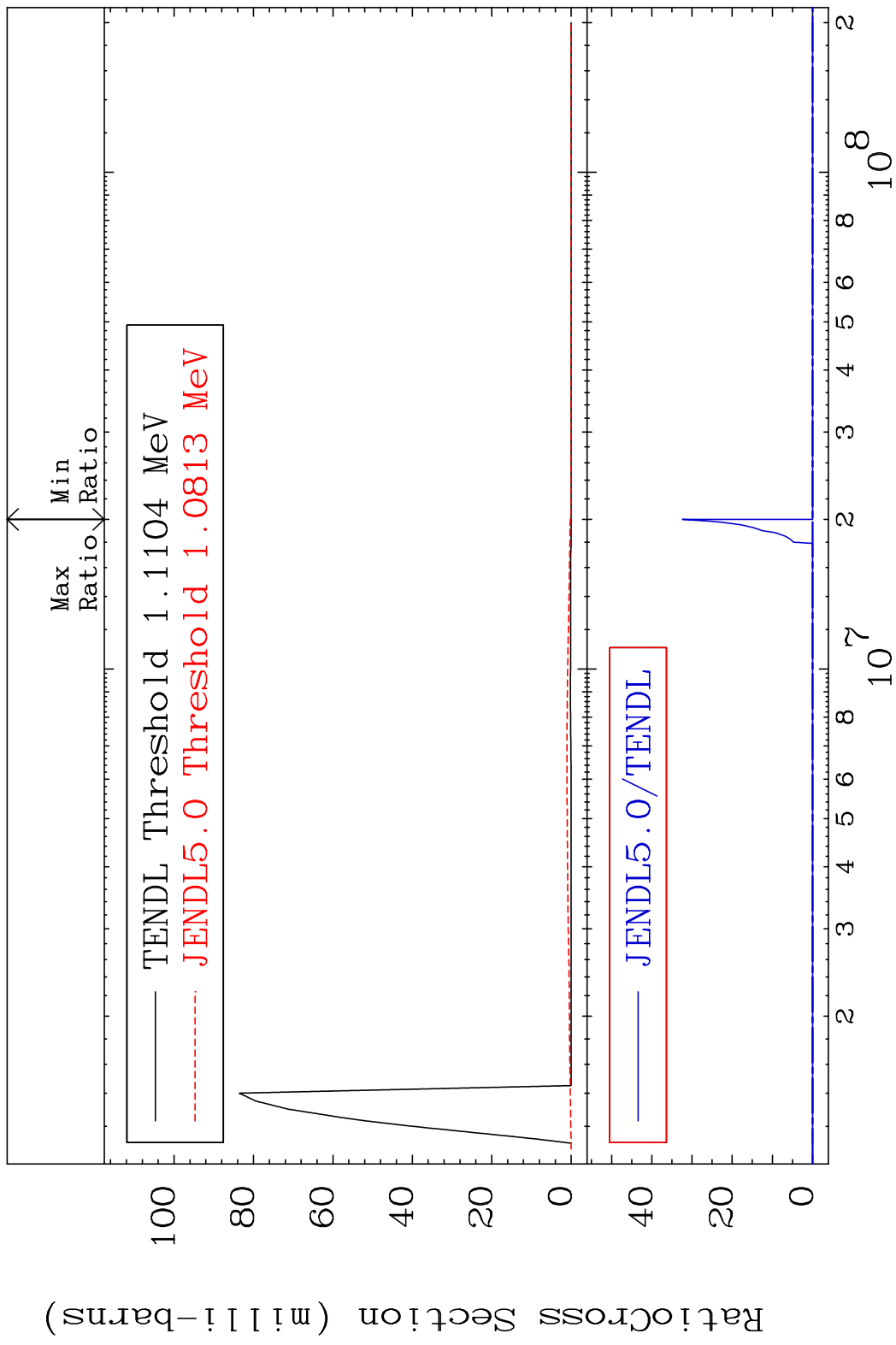
28 Incident Energy (eV) 92-U -238

MAT 9237 MT= 71 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



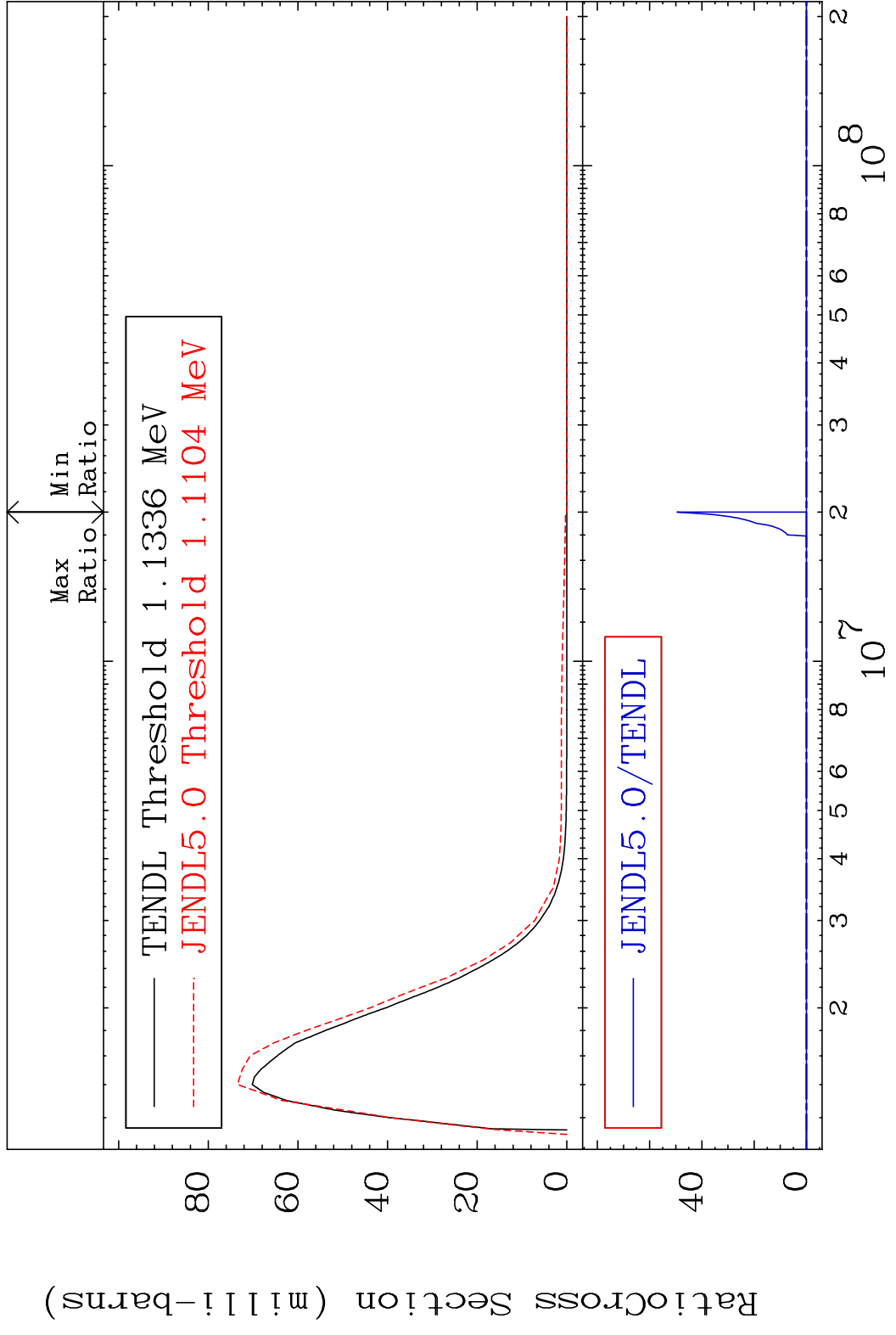
29 Incident Energy (eV) 92-U -238

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

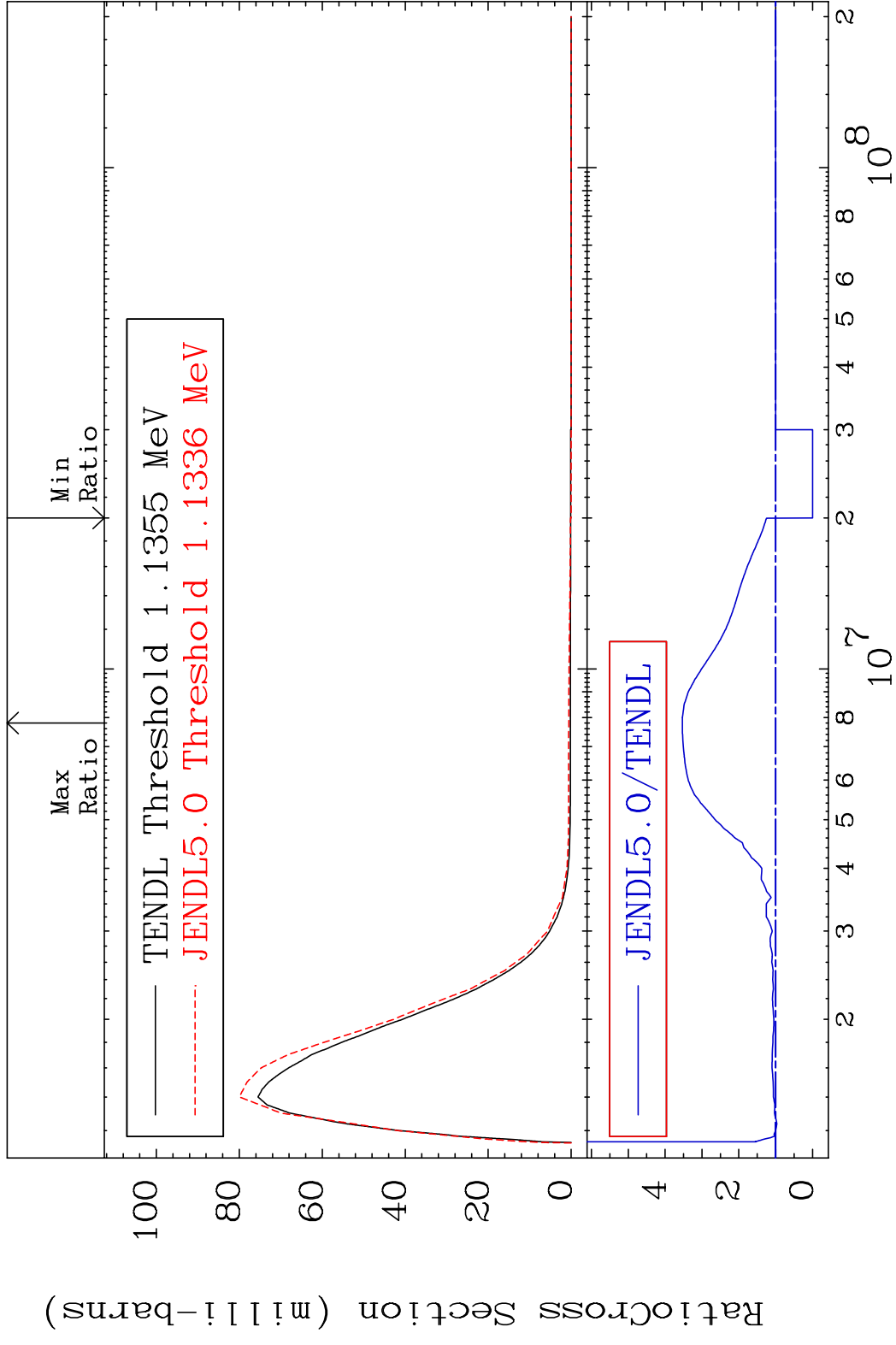


30 Incident Energy (eV) 92-U -238

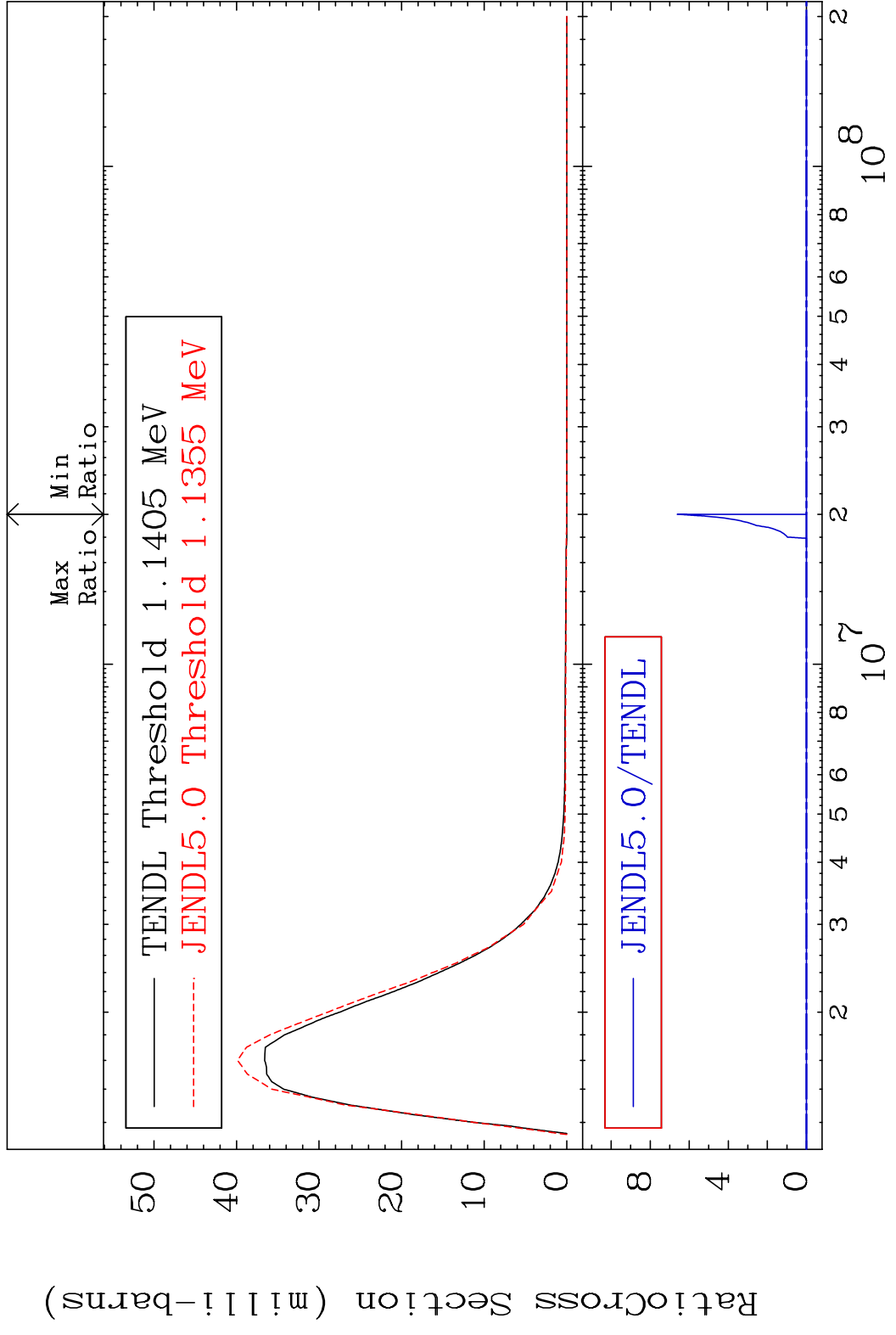
MAT 9237 MT= 73 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



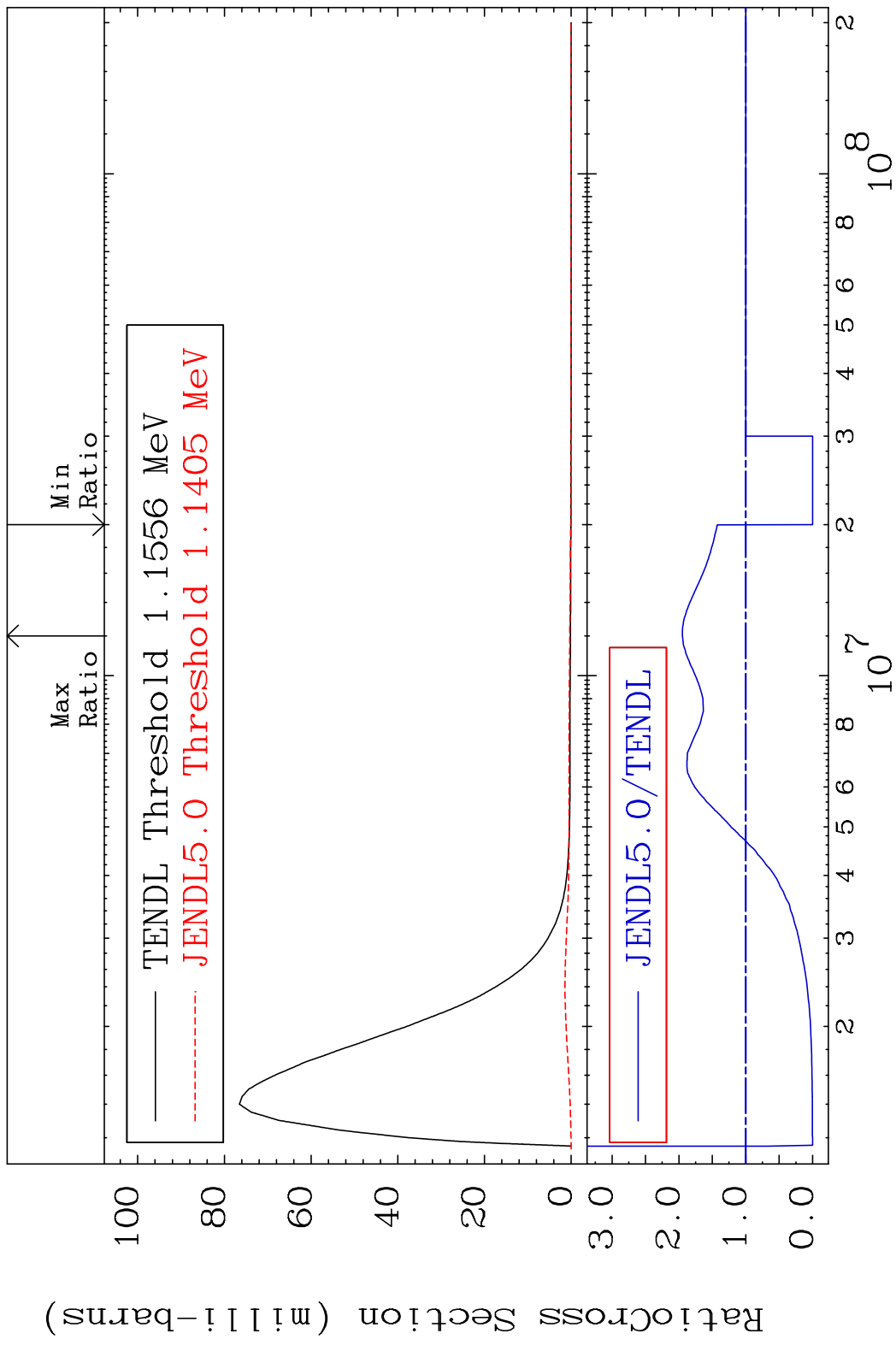
MAT 9237 MT= 74 (n, n') Level 92-U -238
 Cross Section -100.0 To 253.2 %



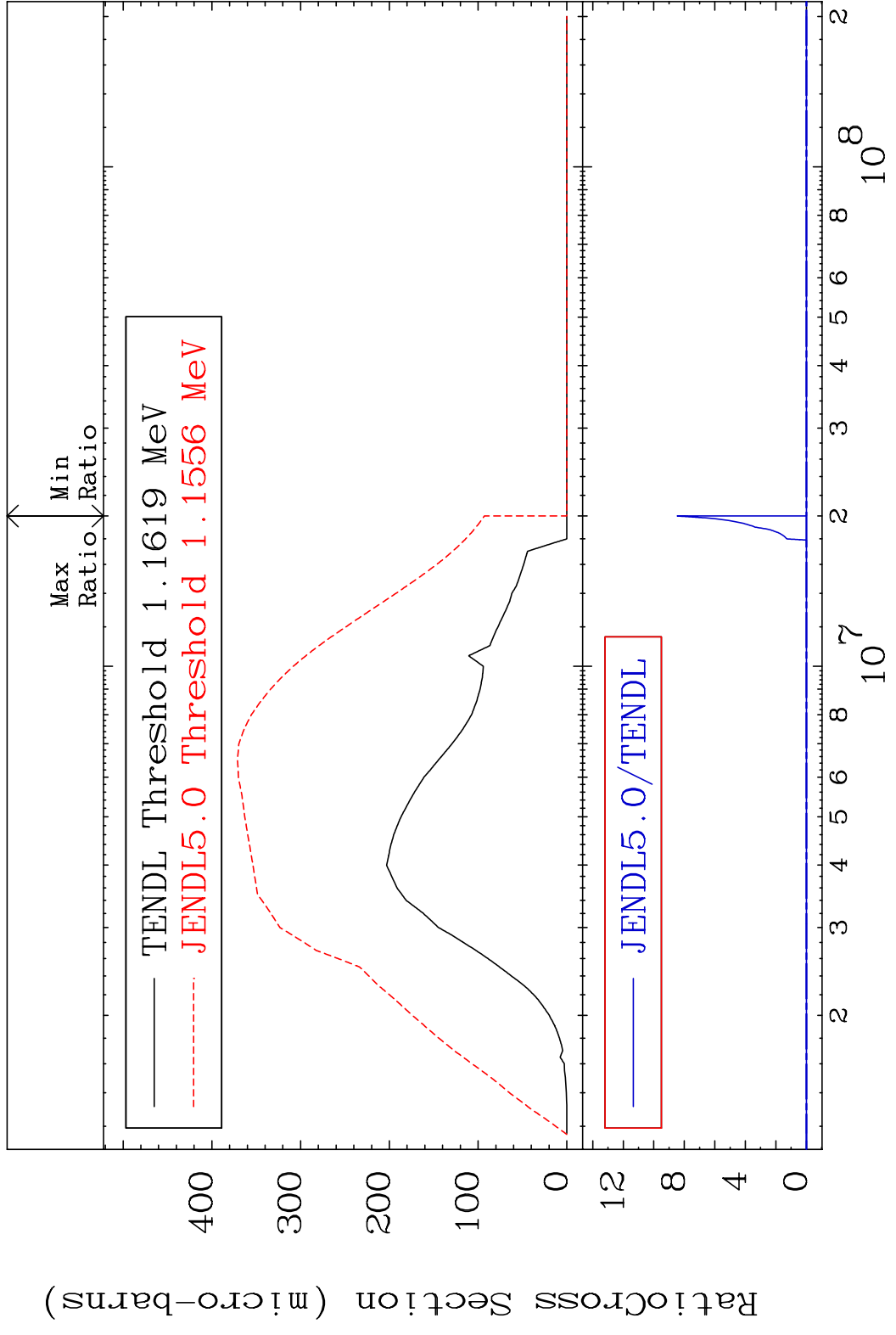
MAT 9237 MT= 75 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %



MAT 9237 MT= 76 (n, n') Level 92-U -238
 Cross Section -100.0 To 94.83 %



MAT 9237 MT= 77 (n, n') Level 92-U -238
 Cross Section -100.0 To 9999. %

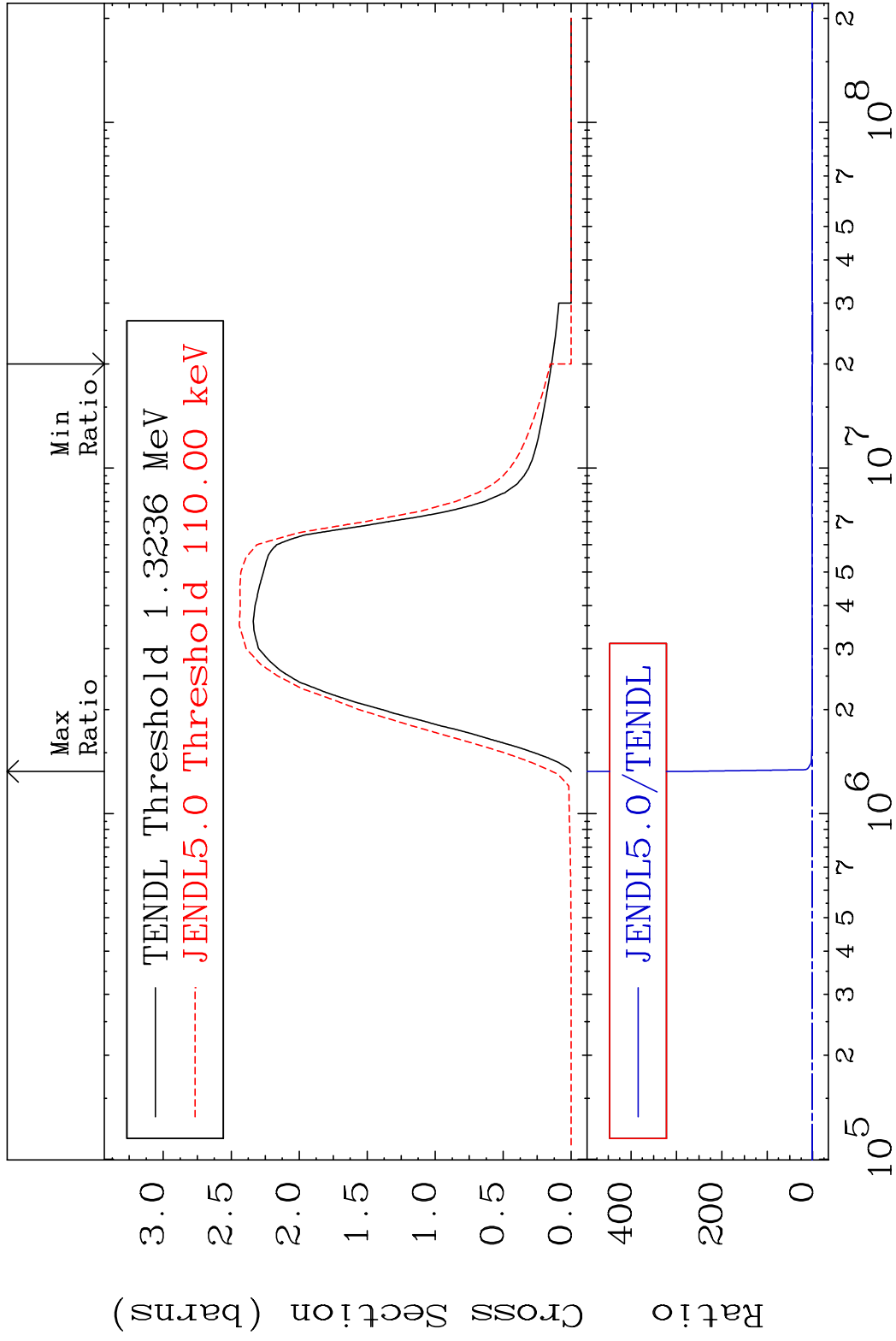


MAT 9237

(n, n') Continuum

92-U -238

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

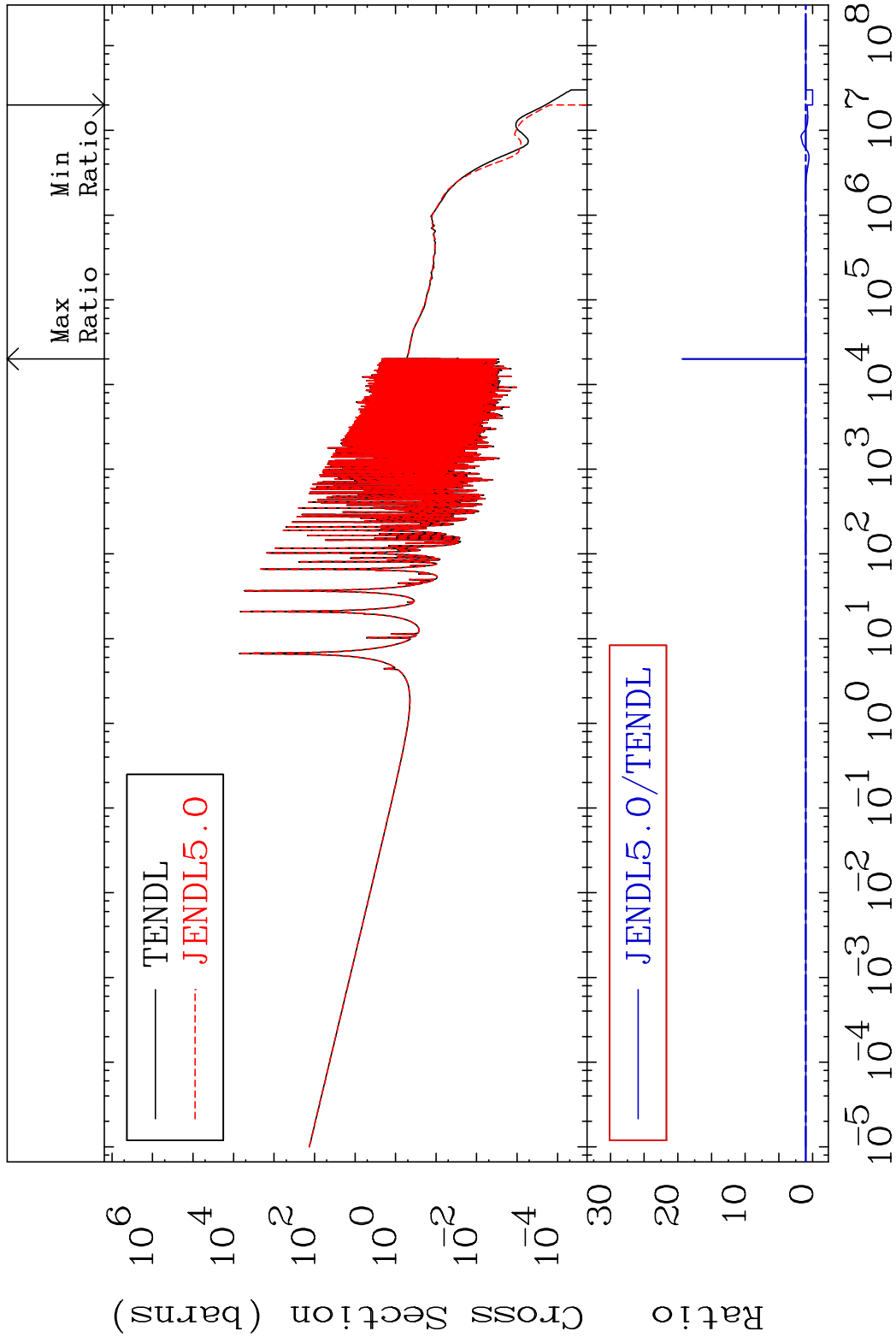
92-U -238

MAT 9237

(n, γ)

92-U -238

Cross Section -100.0 To 1833. %

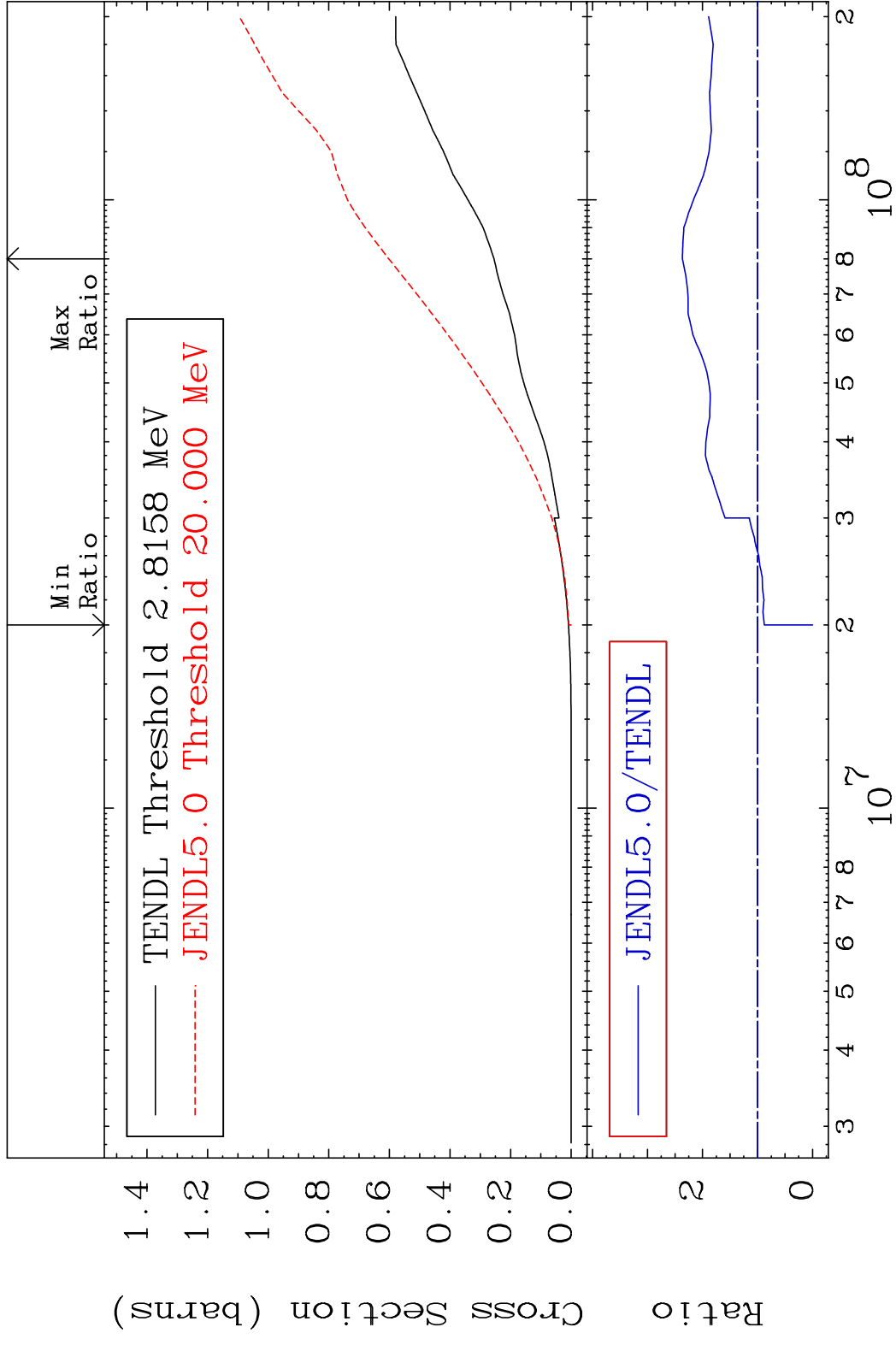


37

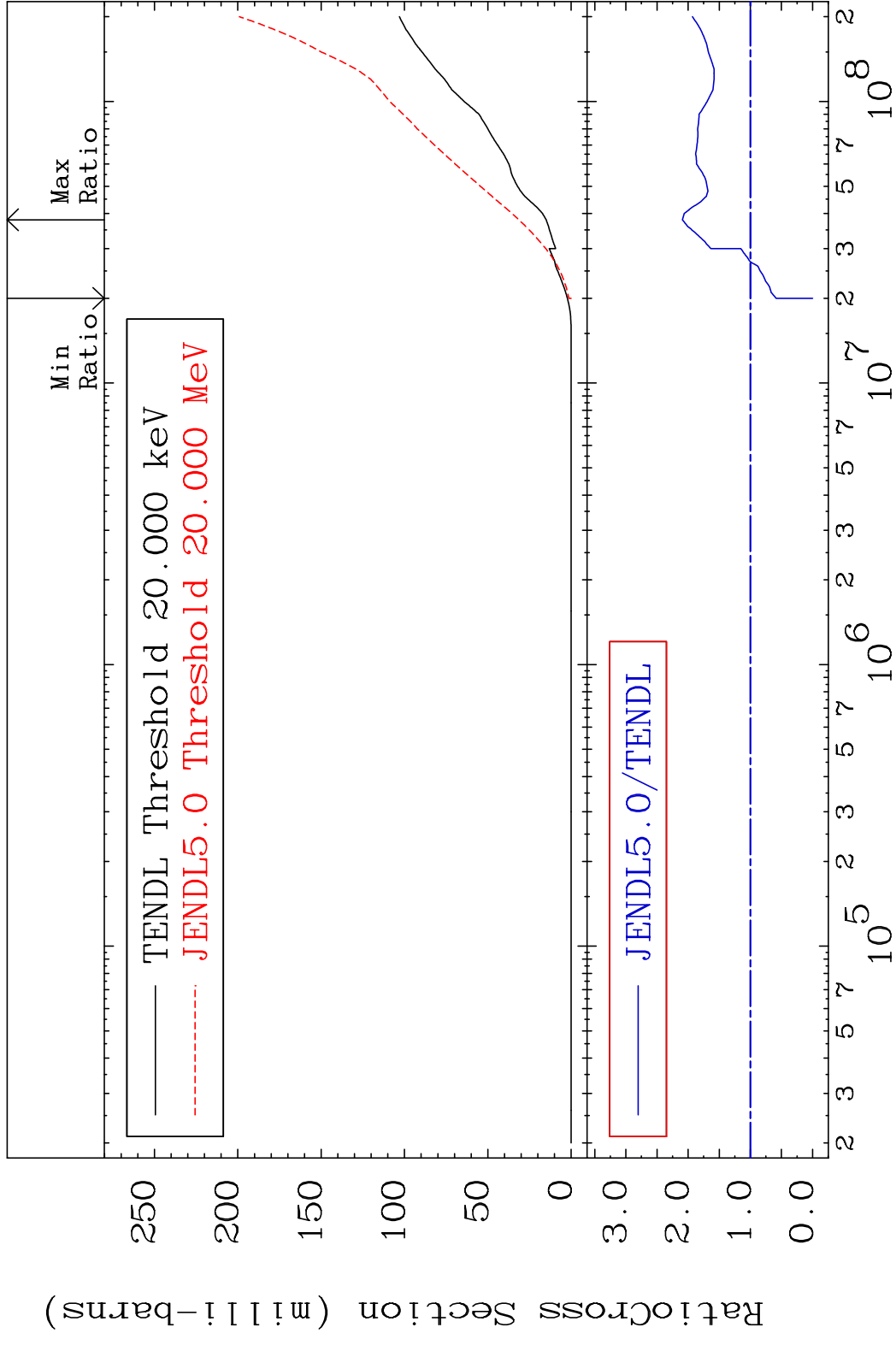
Incident Energy (eV)

92-U -238

Cross Section -100.0 To 136.7 %



MAT 9237 Deuterium Production 92-U -238
 Cross Section -100.0 To 109.3 %

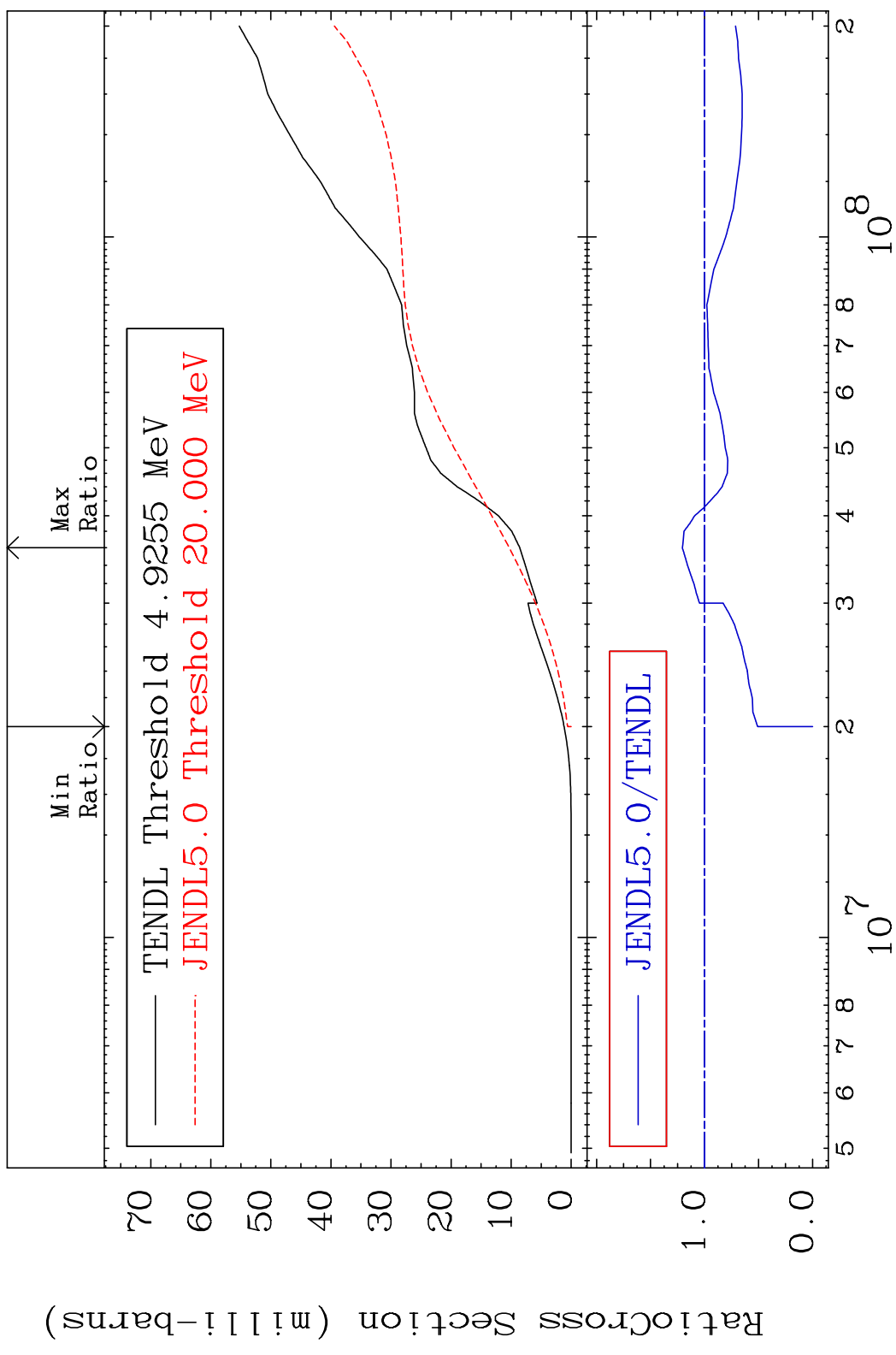


MAT 9237

Tritium Production

92-U -238

Cross Section -100.0 To 20.57 %



40

Incident Energy (eV)

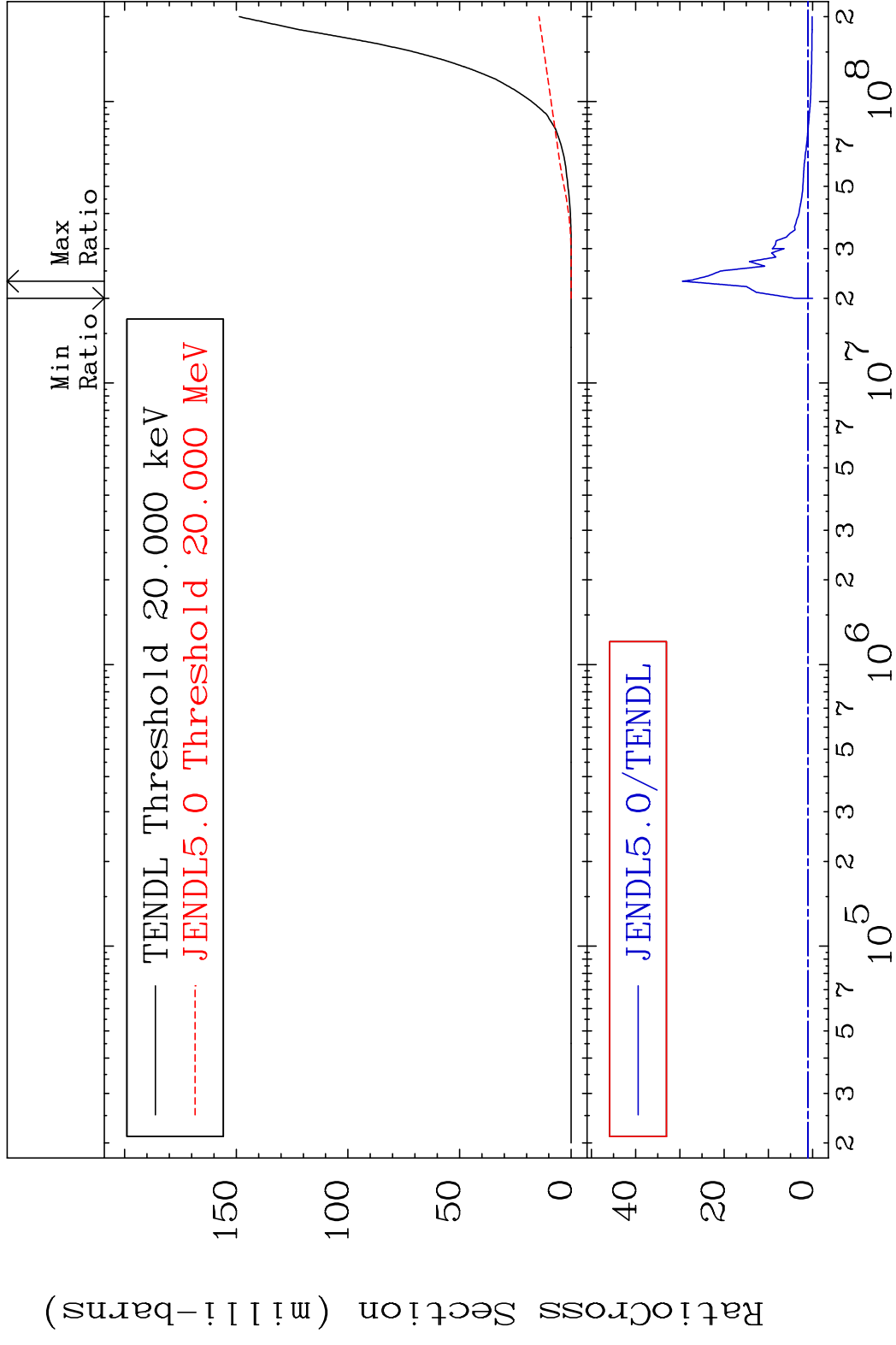
92-U -238

MAT 9237

He-3 Production

92-U -238

Cross Section -100.0 To 2843. %

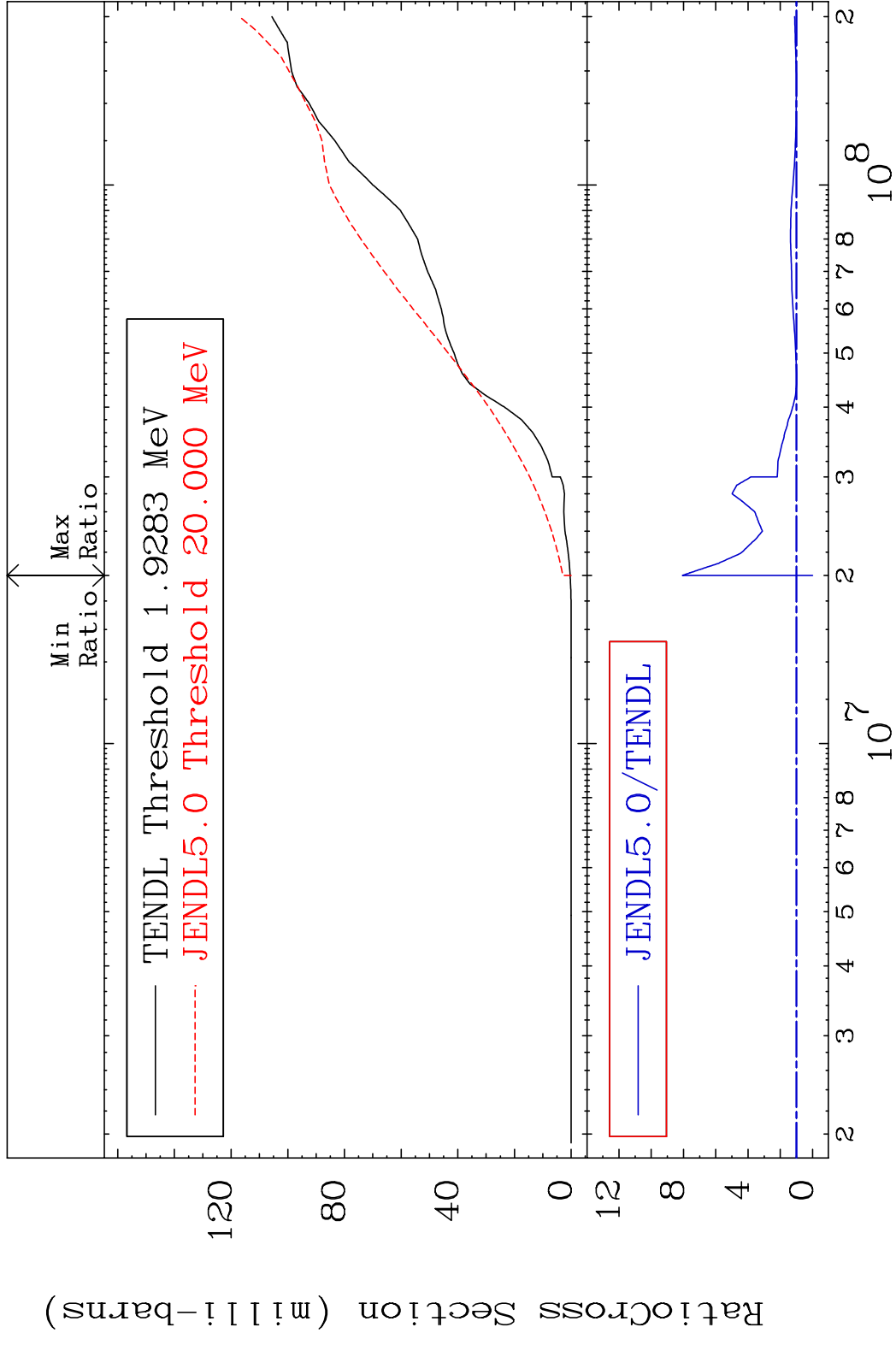


41

Incident Energy (eV)

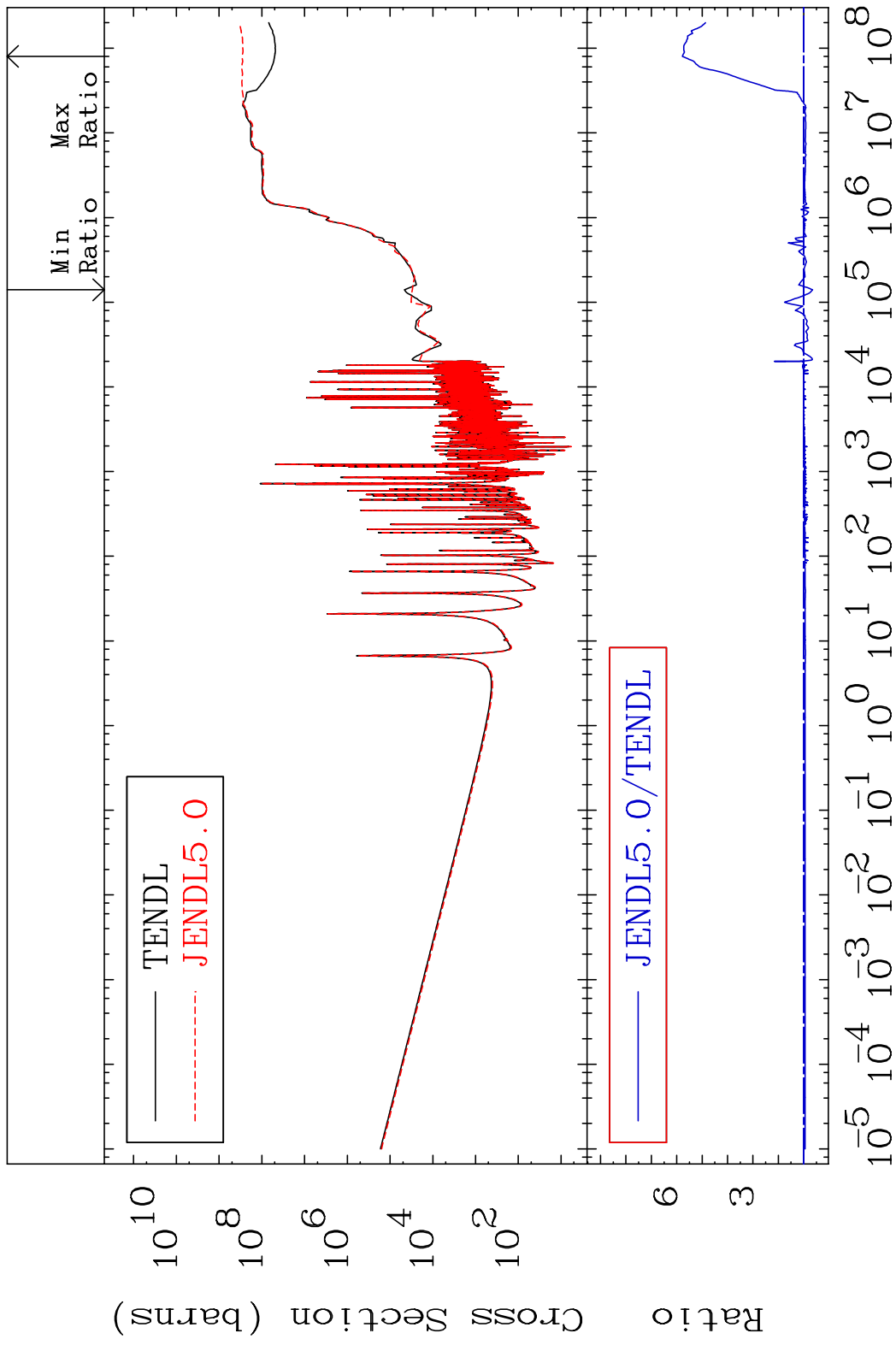
92-U -238

MAT 9237 He-4 Production 92-U -238
 Cross Section -100.0 To 707.0 %



42 92-U -238

MAT 9237 Kerma total (eV-barns) 92-U -238
Cross Section -34.70 To 477.9 %

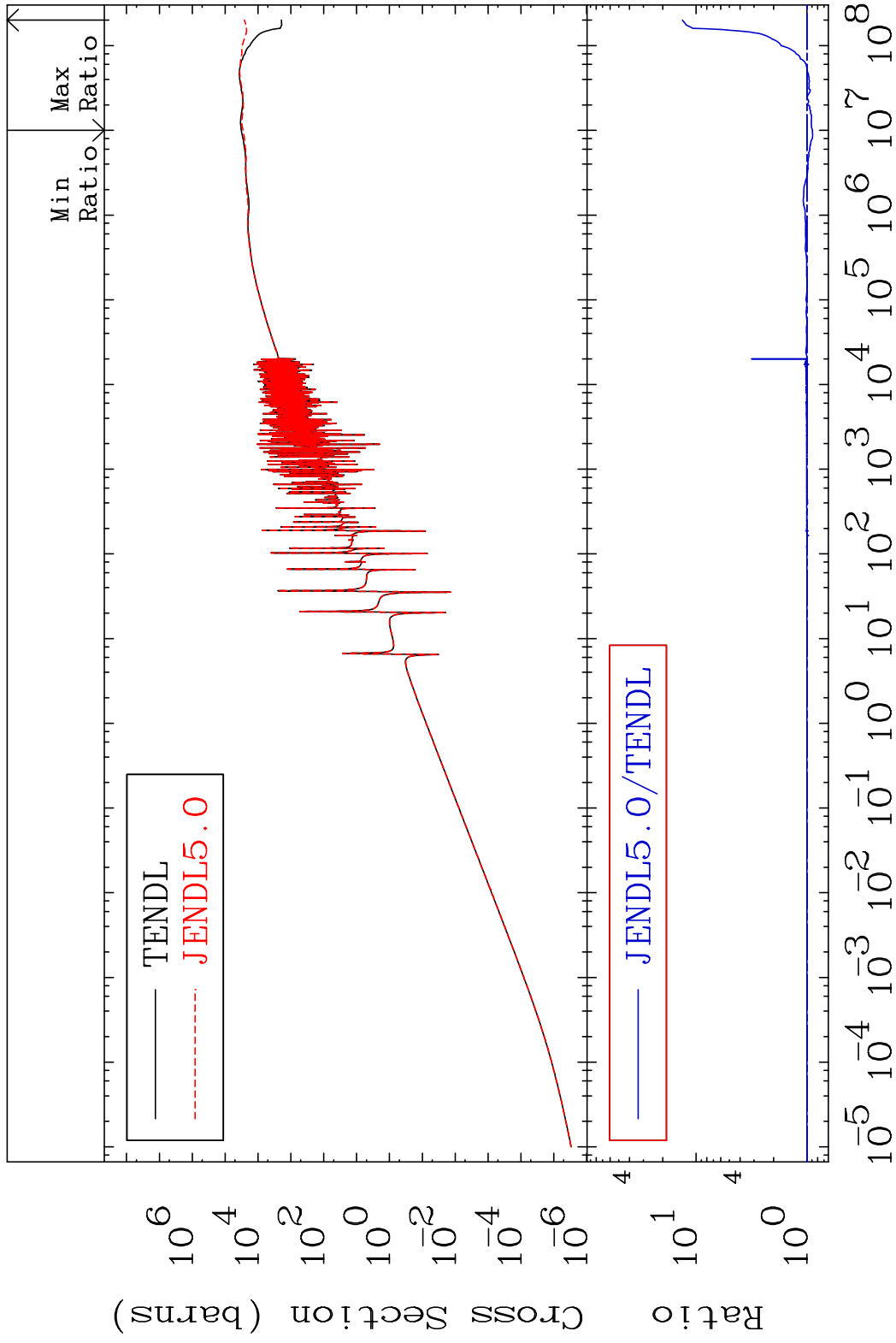


MAT 9237

Kerma elastic

92-U -238

Cross Section -11.25 To 1233. %

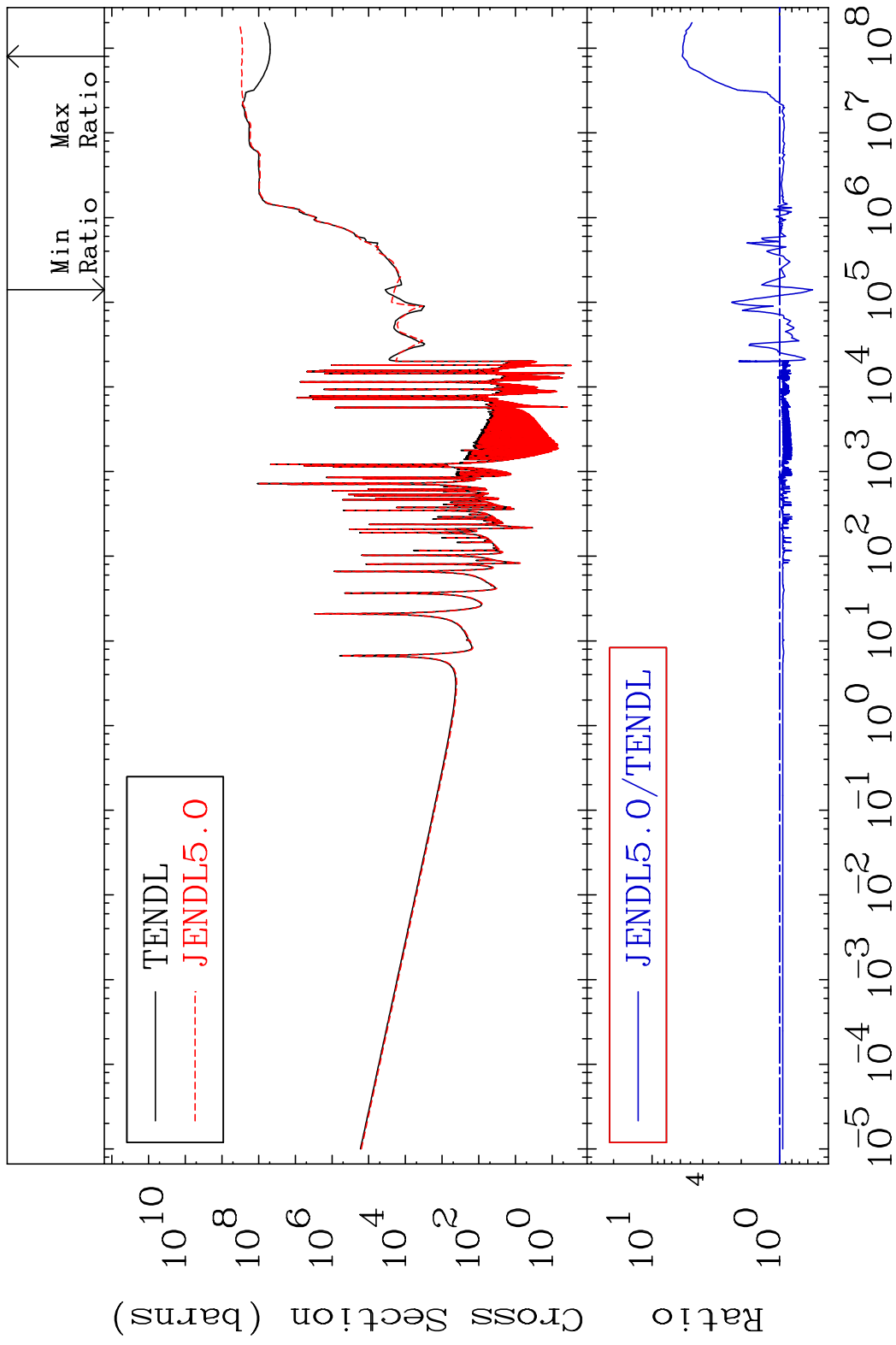


44

Incident Energy (eV)

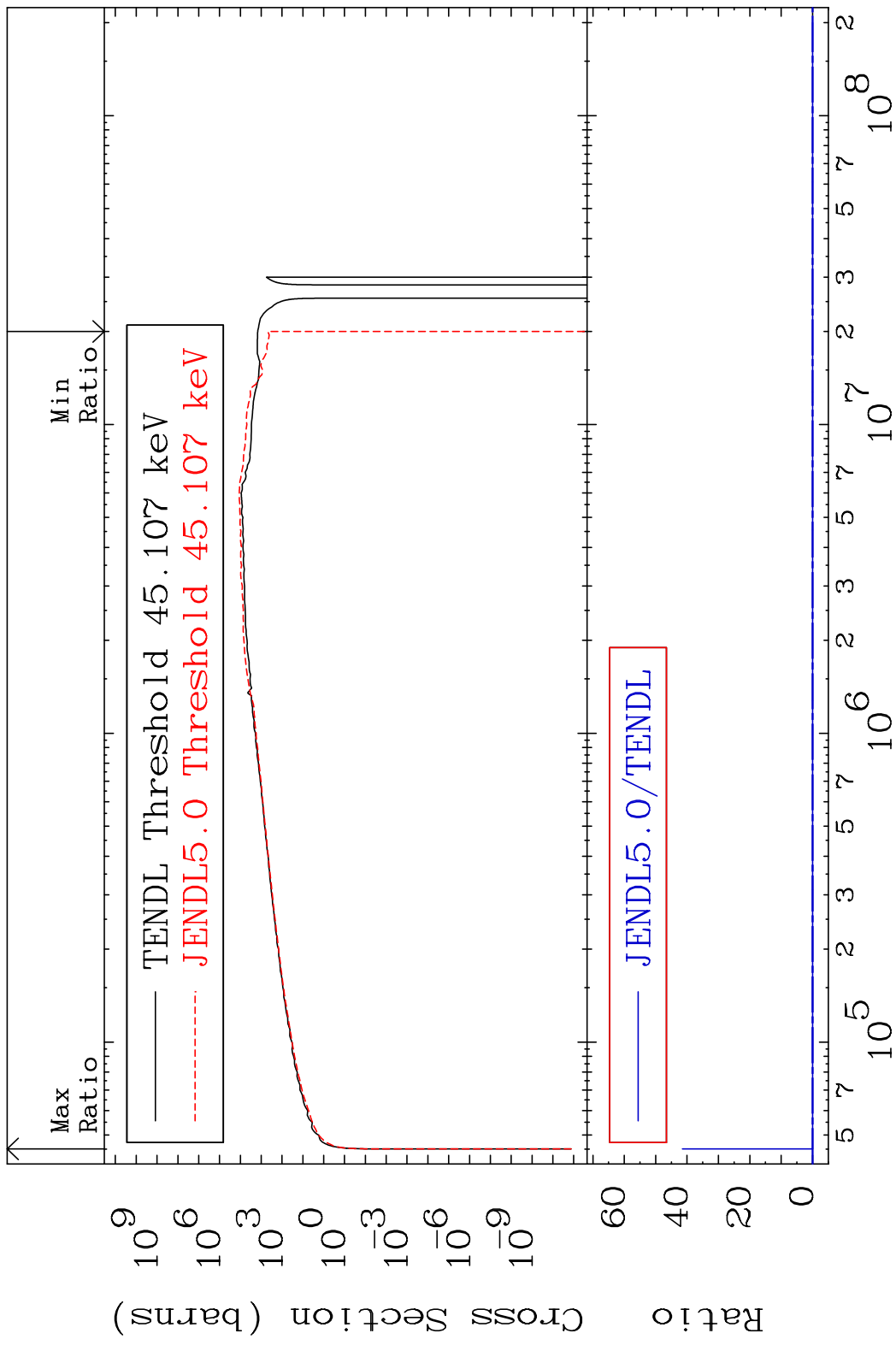
92-U -238

MAT 9237 Kerma non-elastic (all but mt2) 92-U -238
 Cross Section -44.86 To 478.1 %

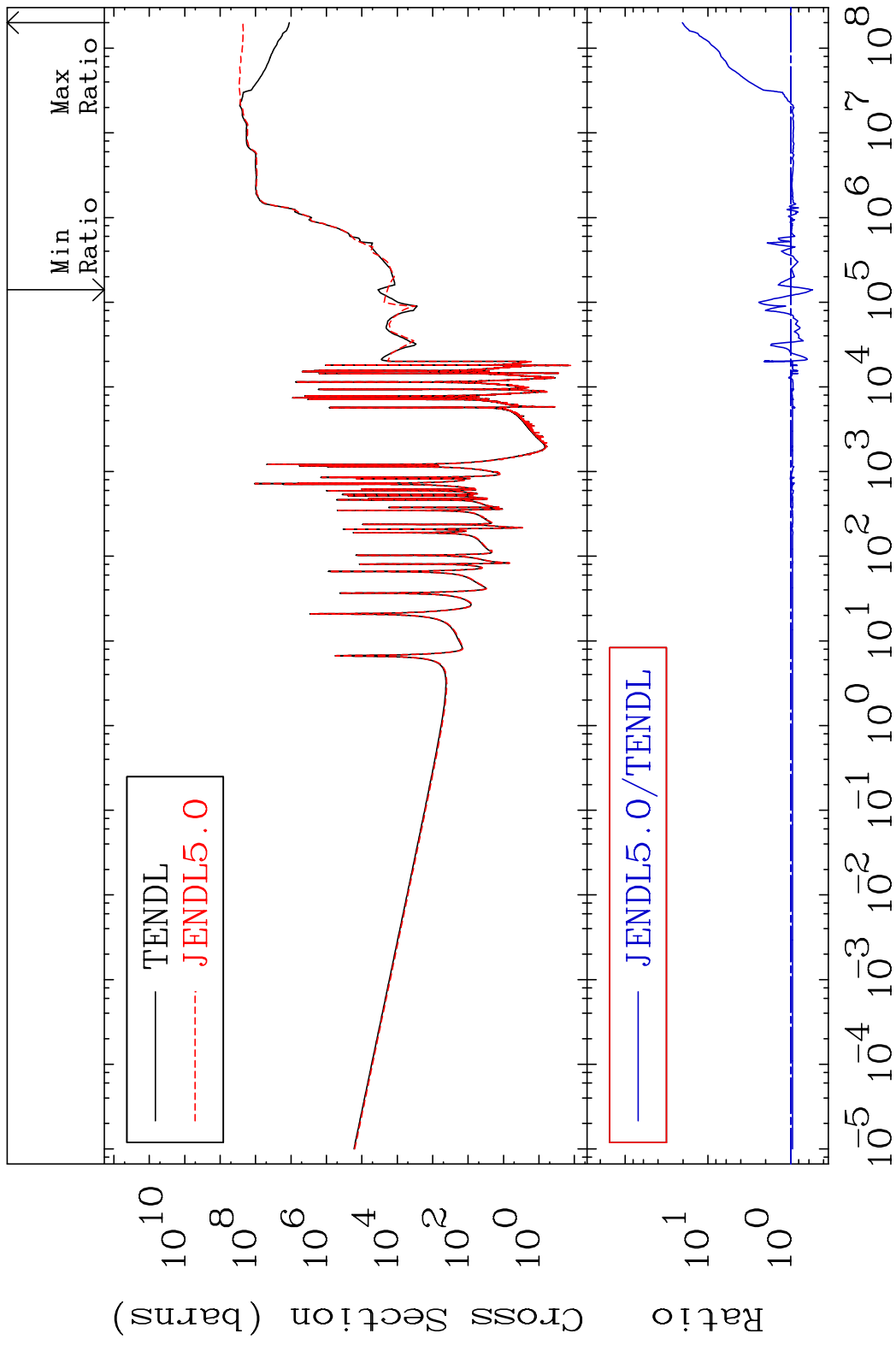


45 Incident Energy (eV) 92-U -238

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

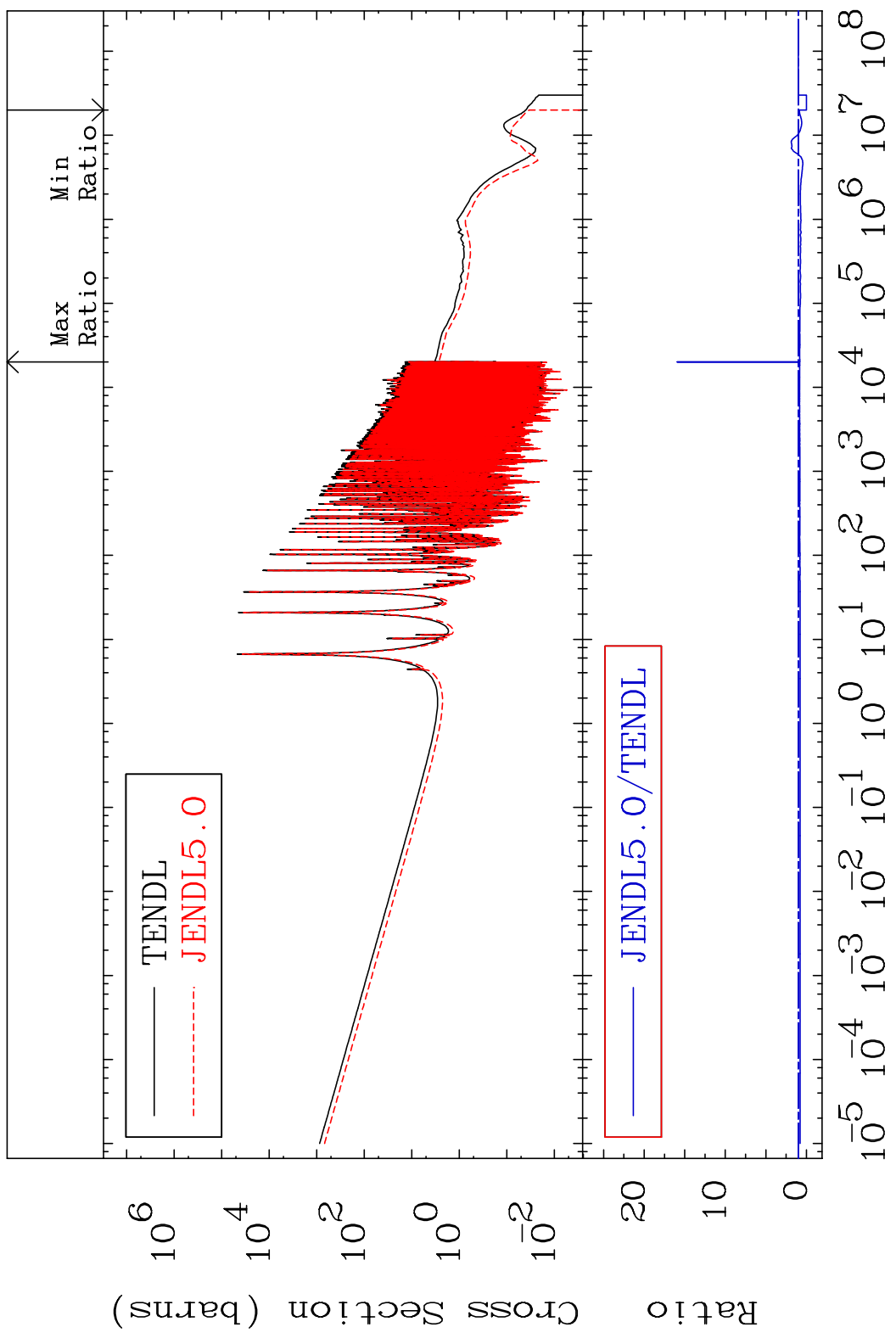


MAT 9237 Kerma fission (mt18 or mt19-20-21-38) 92-U -238
 Cross Section -45.68 To 1935. %



MAT 9237

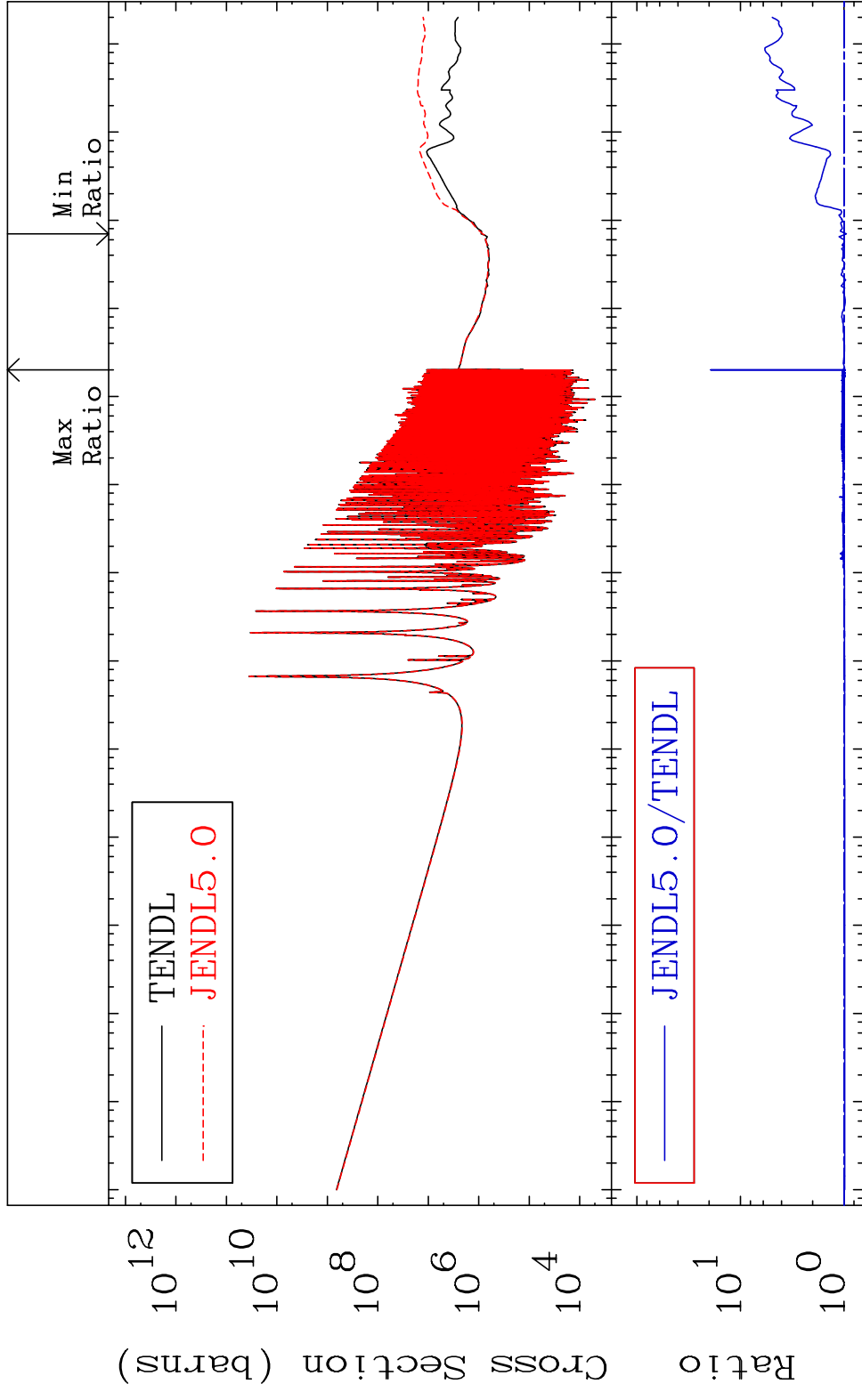
Kerma capture (mt102) 92-U -238
Cross Section -100.0 To 1493. %



48

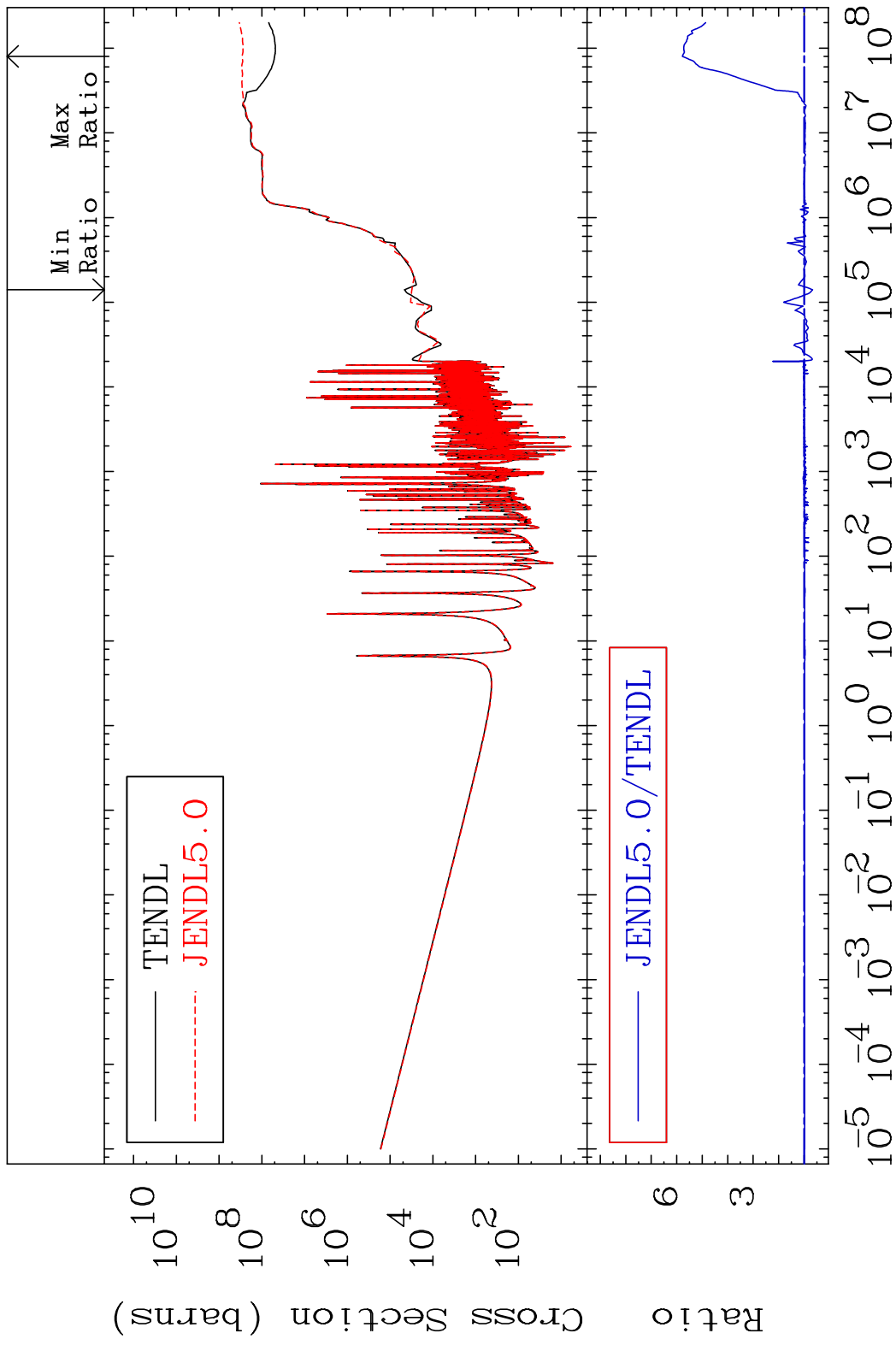
Incident Energy (eV) 92-U -238

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 %



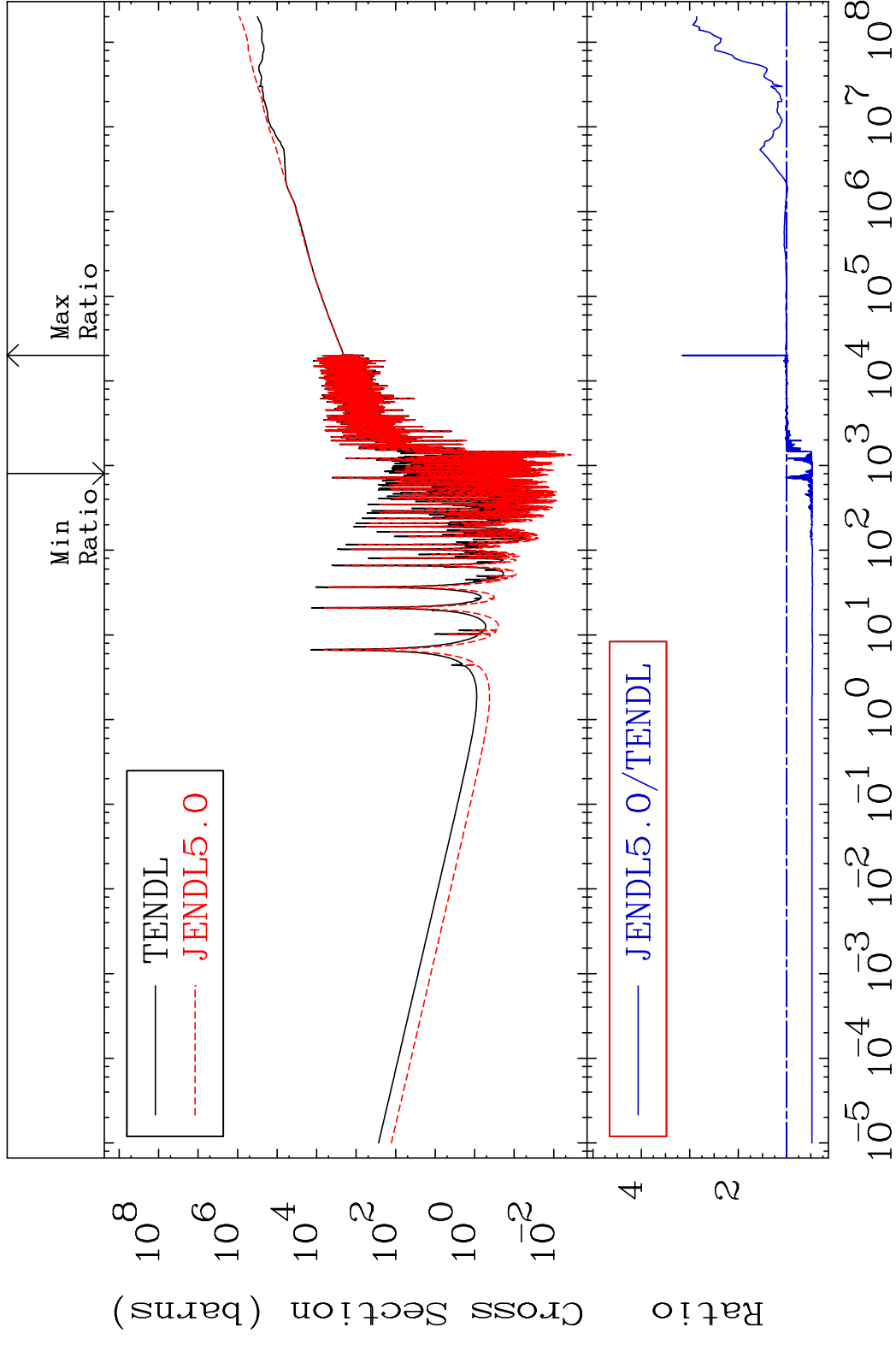
50 Incident Energy (eV) 92-U -238

MAT 9237

Dpa total (eV-barns)

92-U -238

Cross Section -53.79 To 215.4 %



51

Incident Energy (eV)

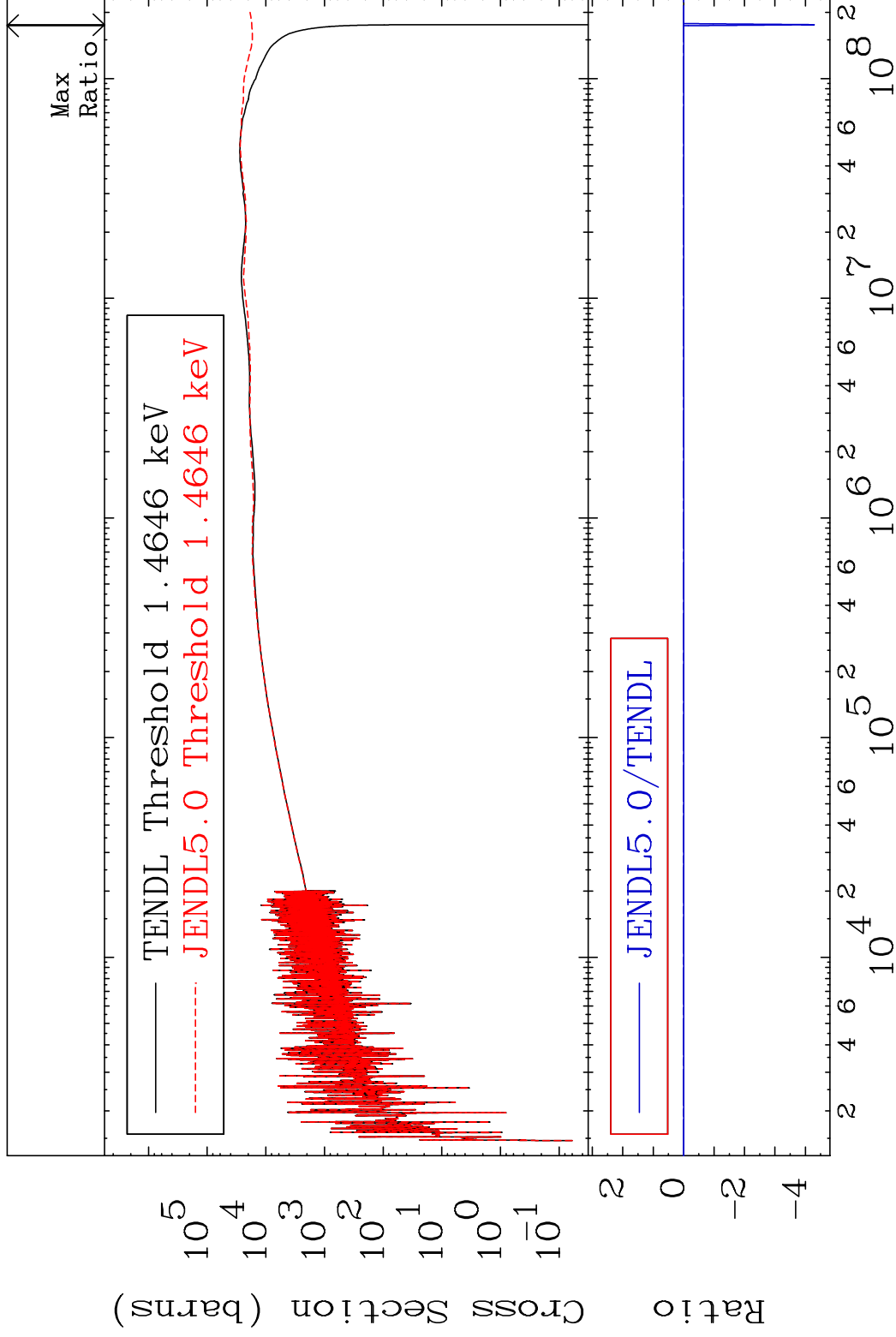
92-U -238

MAT 9237

Dpa elastic (mt2)

92-U -238

Cross Section -9999. To 3615. %

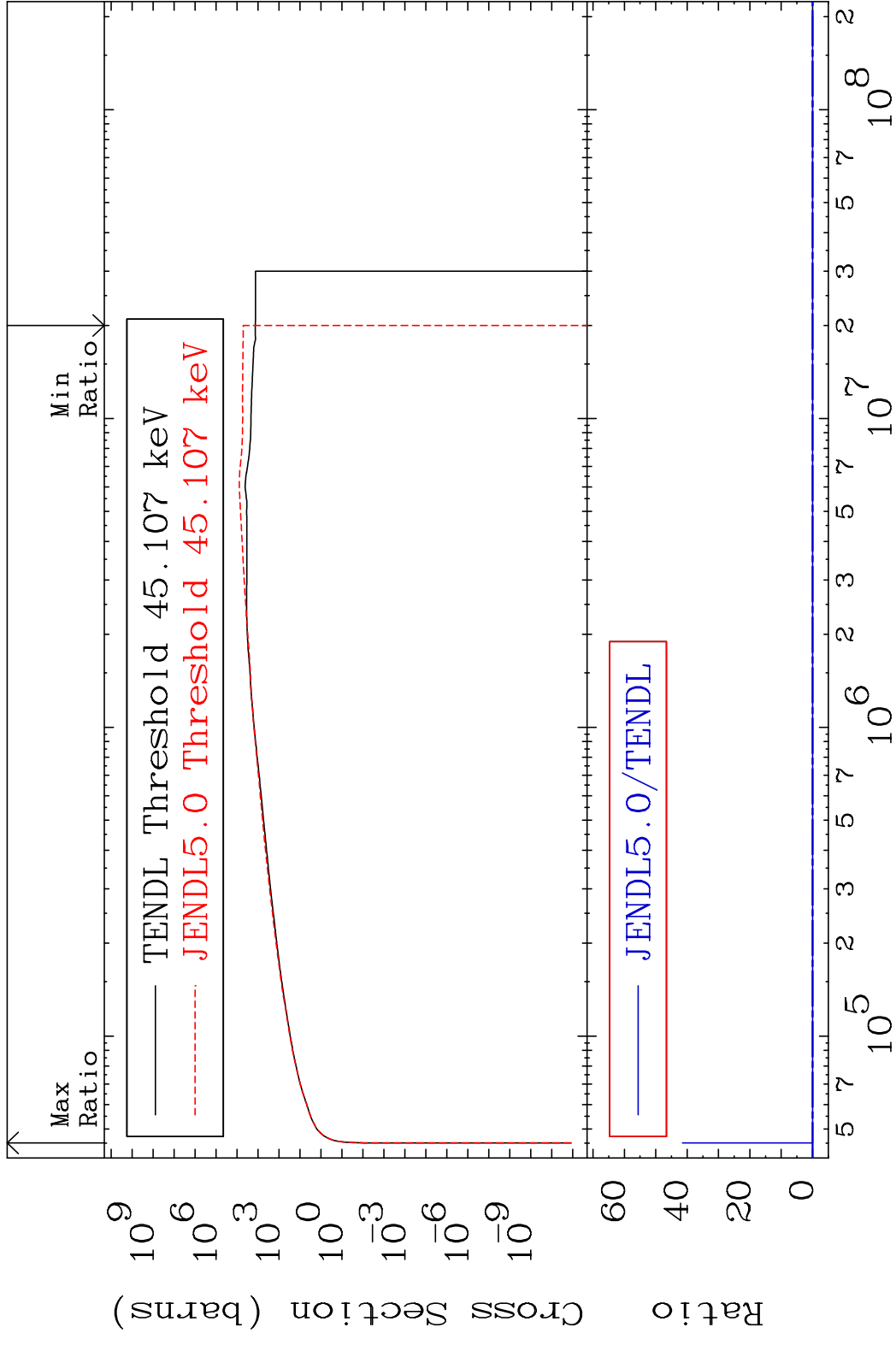


52

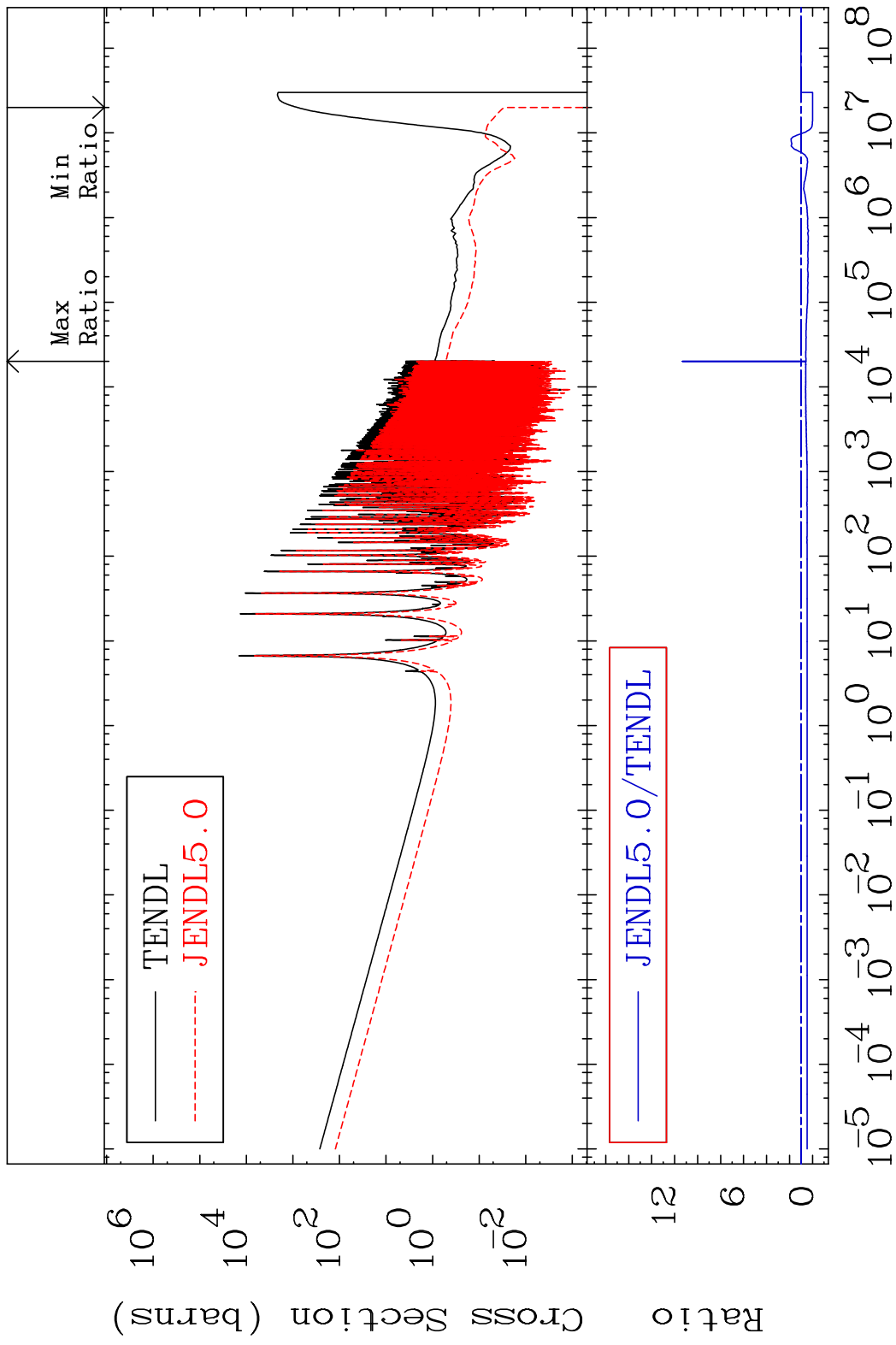
Incident Energy (eV)

92-U -238

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. %

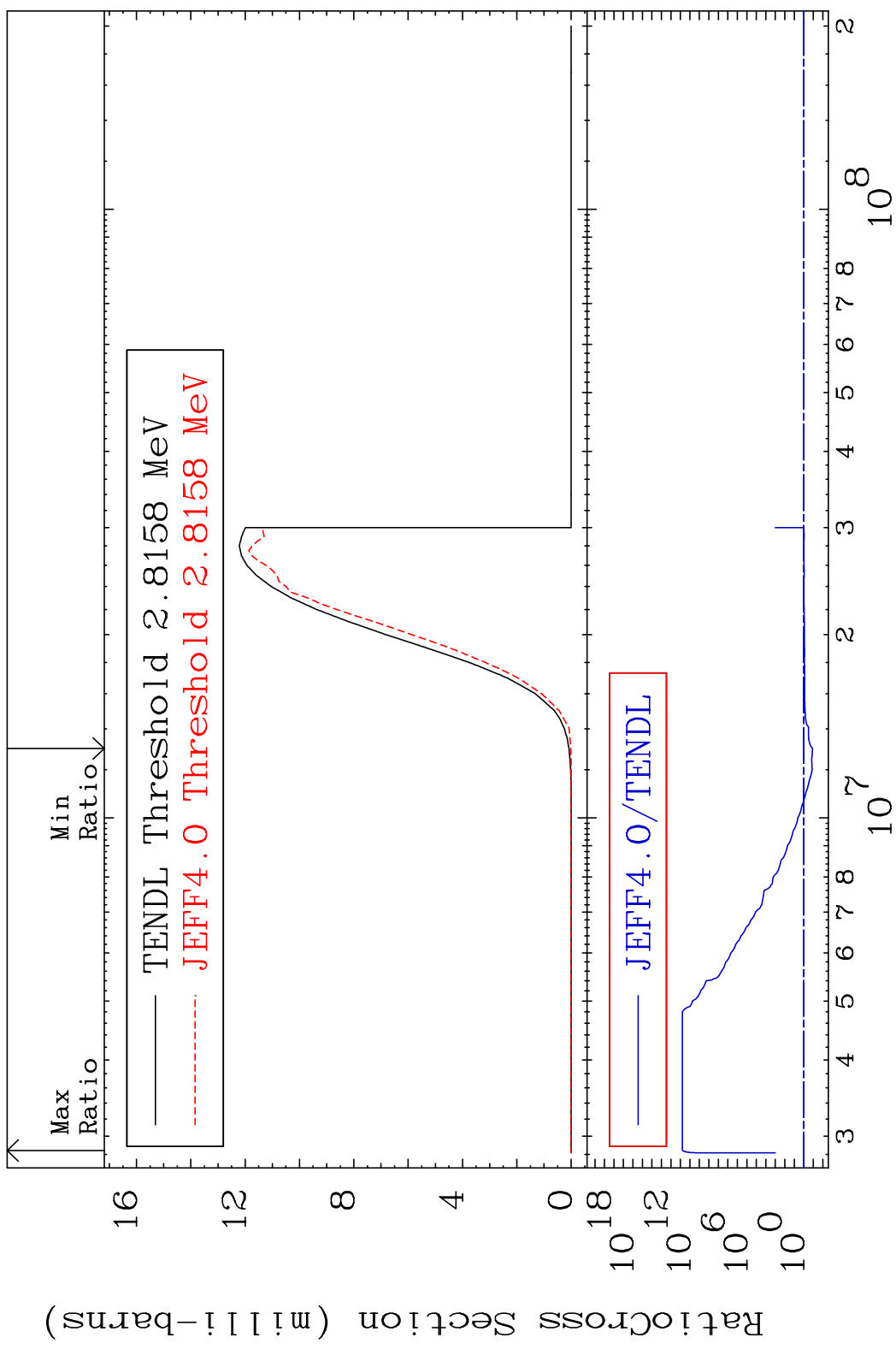


MAT 9237

(n,p)

92-U -238

Cross Section -88.07 To 9999. %

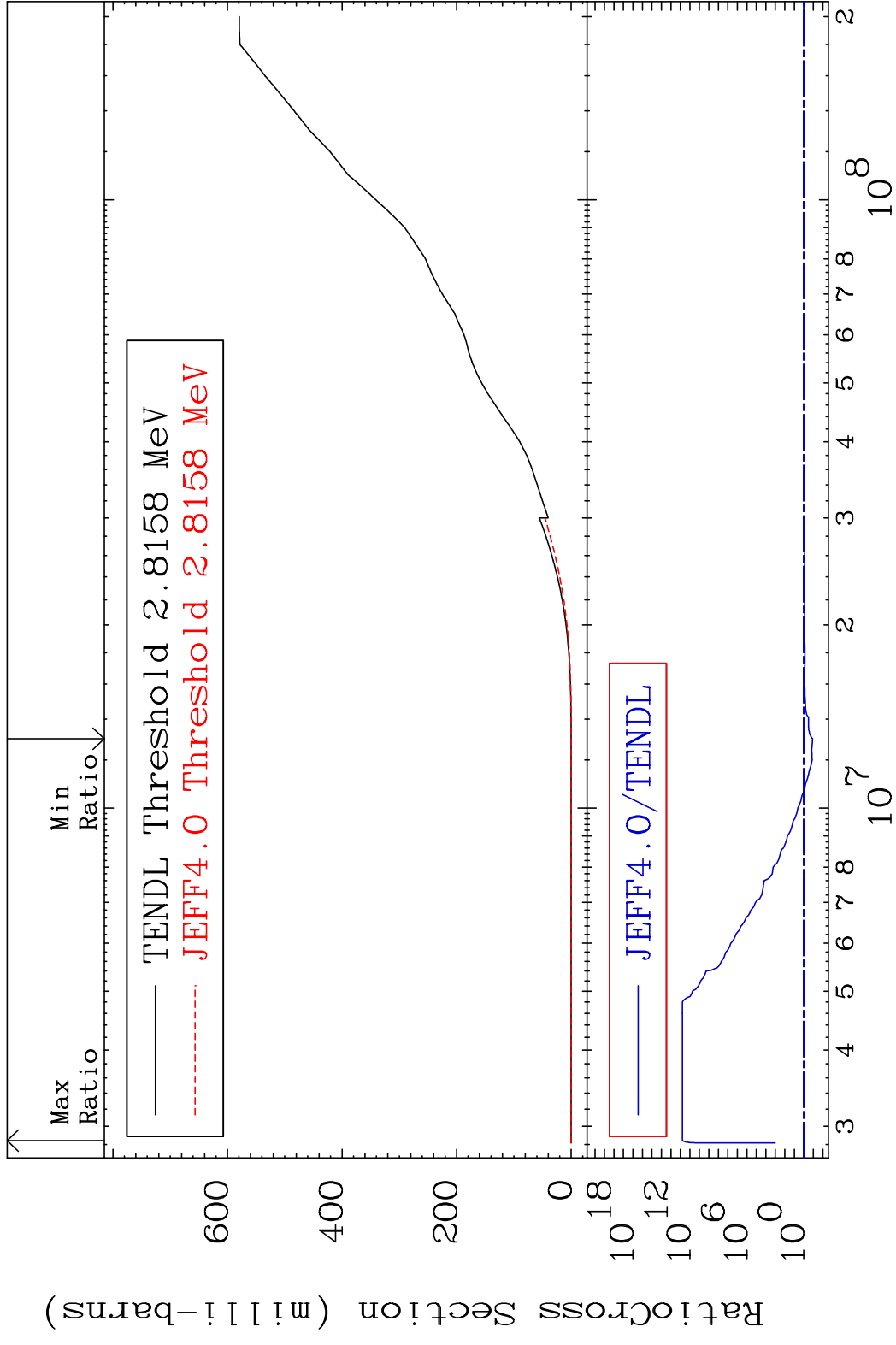


MAT 9237

Hydrogen Production

92-U -238

Cross Section -88.07 To 9999. %



56

Incident Energy (eV)

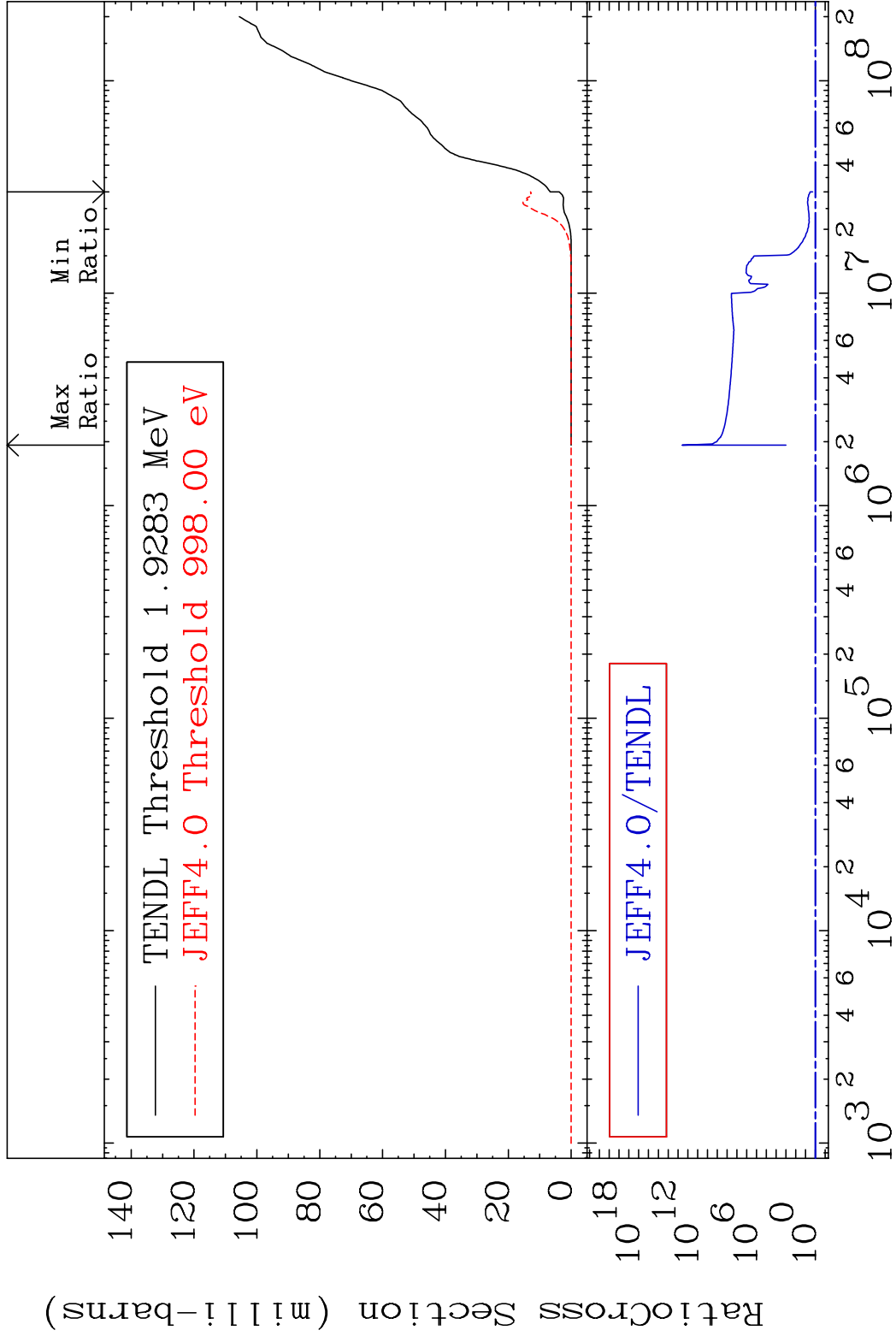
92-U -238

MAT 9237

He-4 Production

92-U -238

Cross Section 93.10 To 9999. %

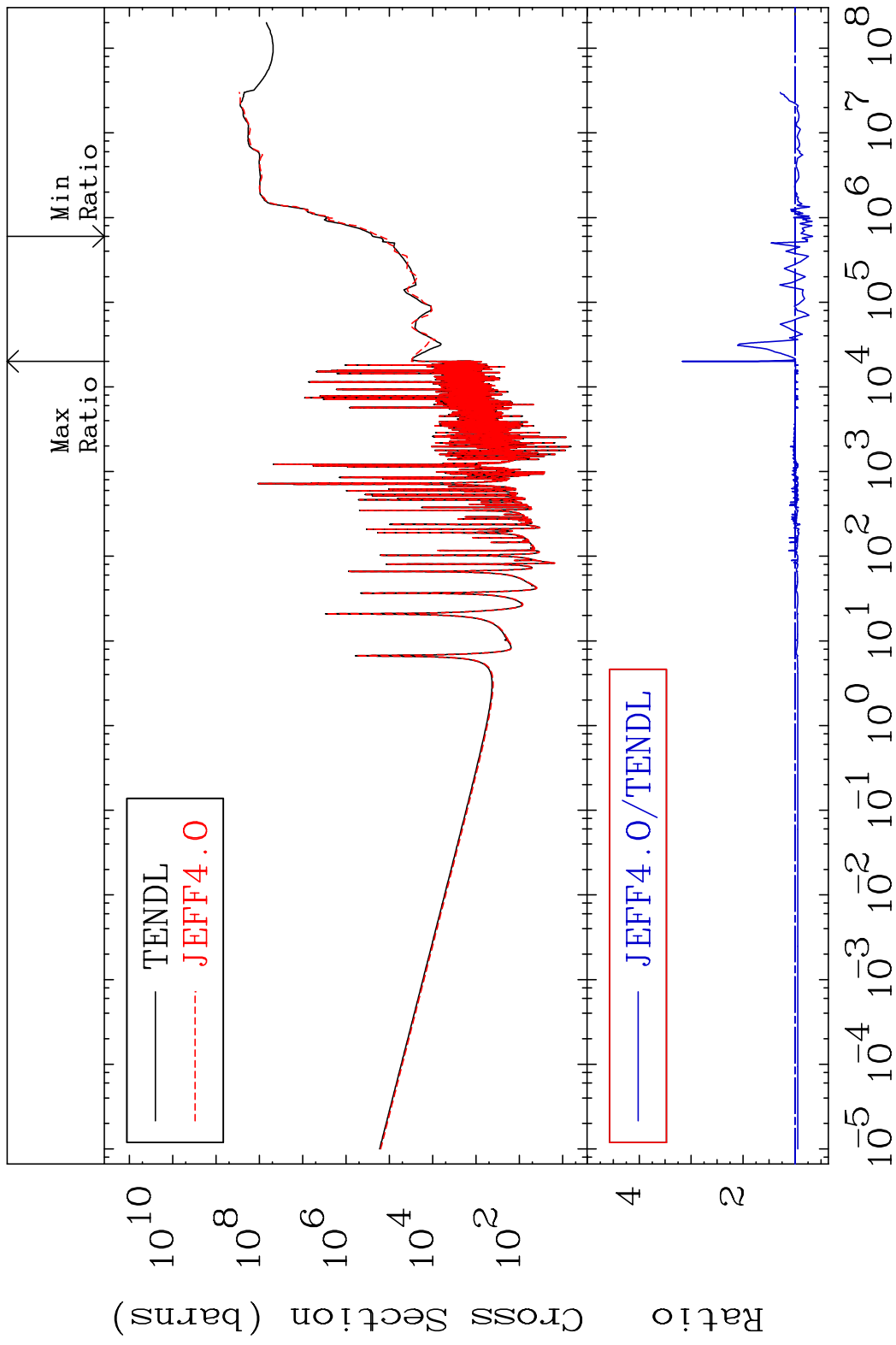


57

Incident Energy (eV)

92-U -238

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

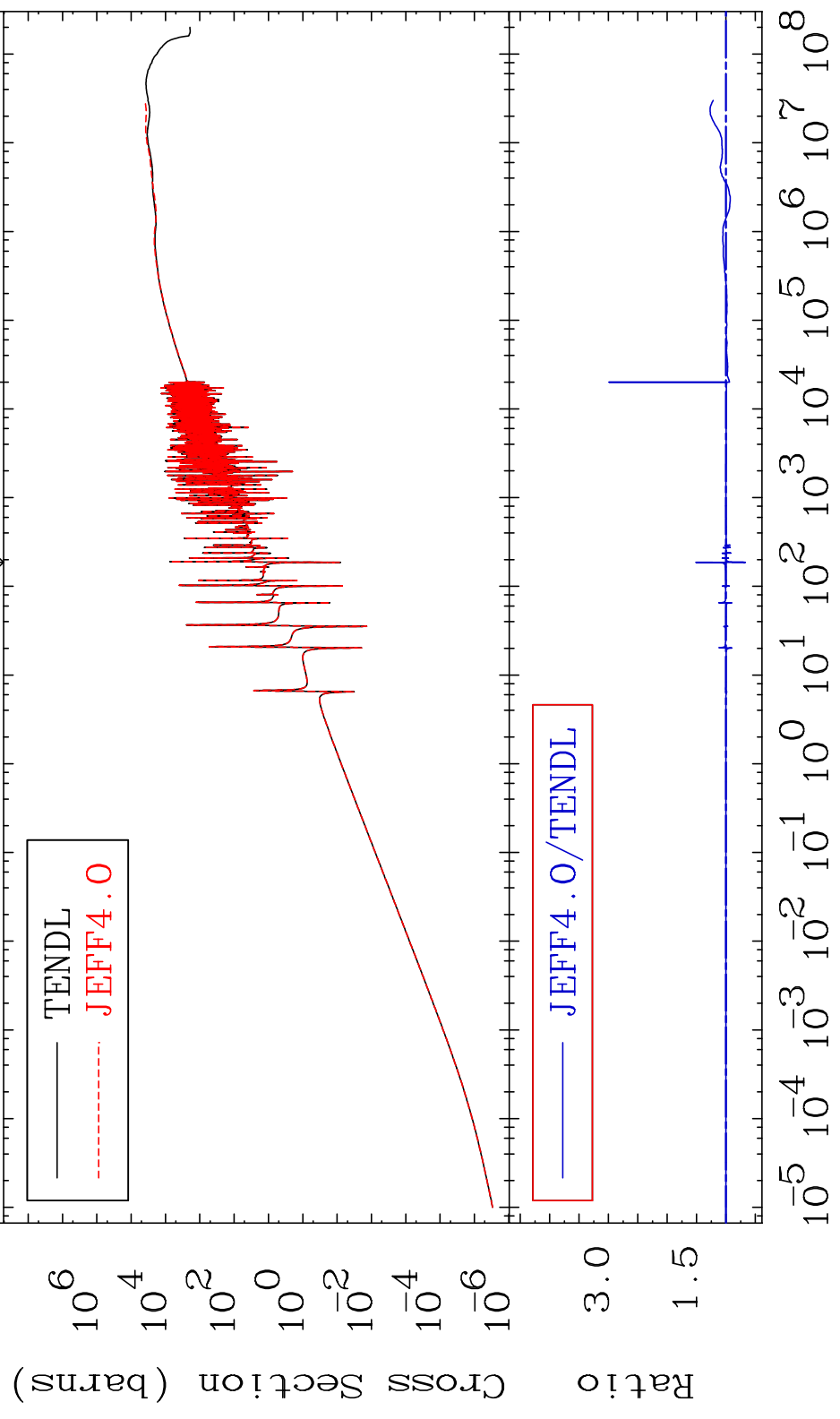


58 Incident Energy (eV) 92-U -238

MAT 9237

Kerma elastic
Cross Section -33.25 To 198.9 %

92-U -238

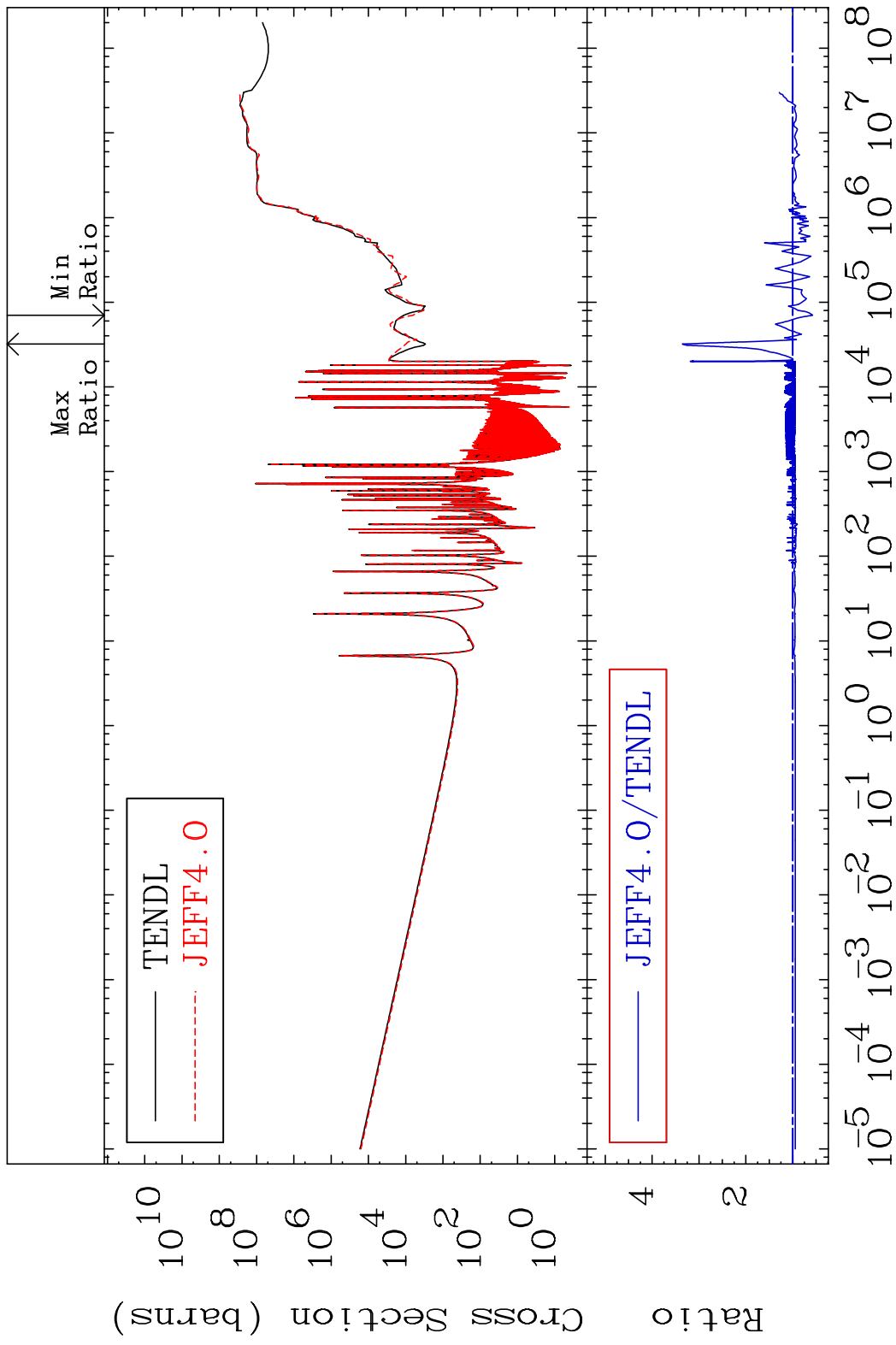


59

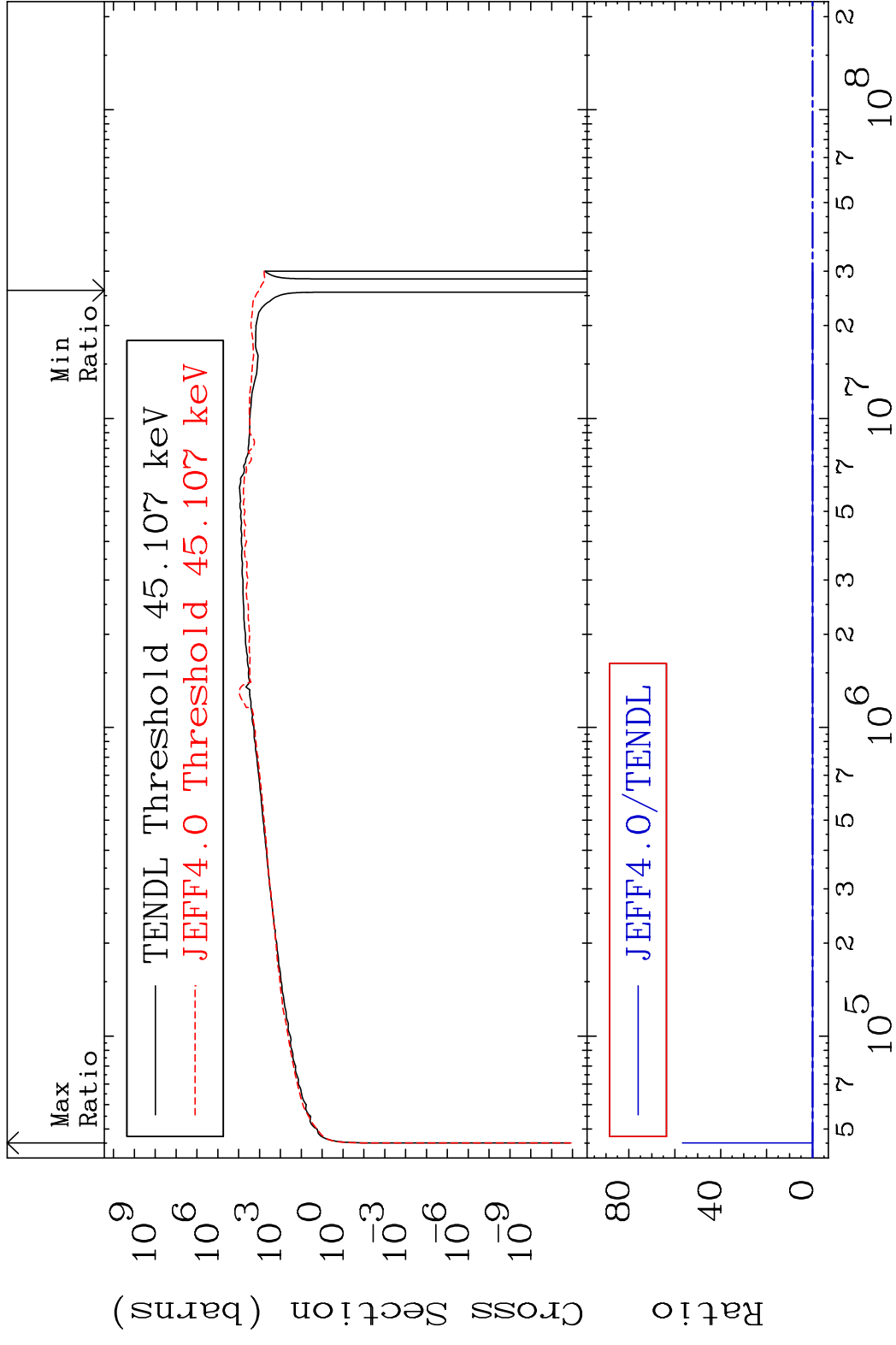
Incident Energy (eV)

92-U -238

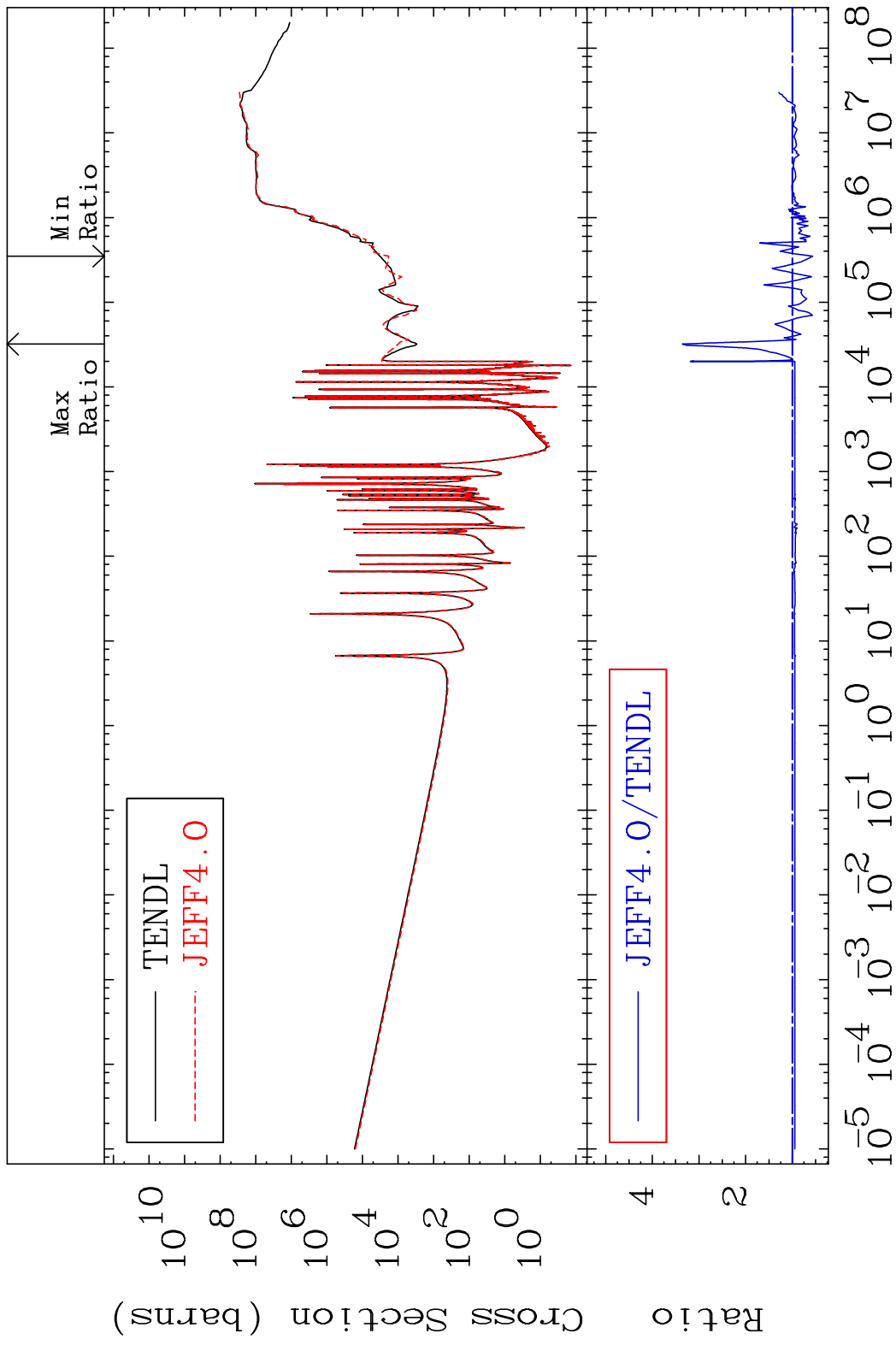
MAT 9237 Kerma non-elastic (all but mt2) 92-U -238
Cross Section -42.38 To 235.4 %



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

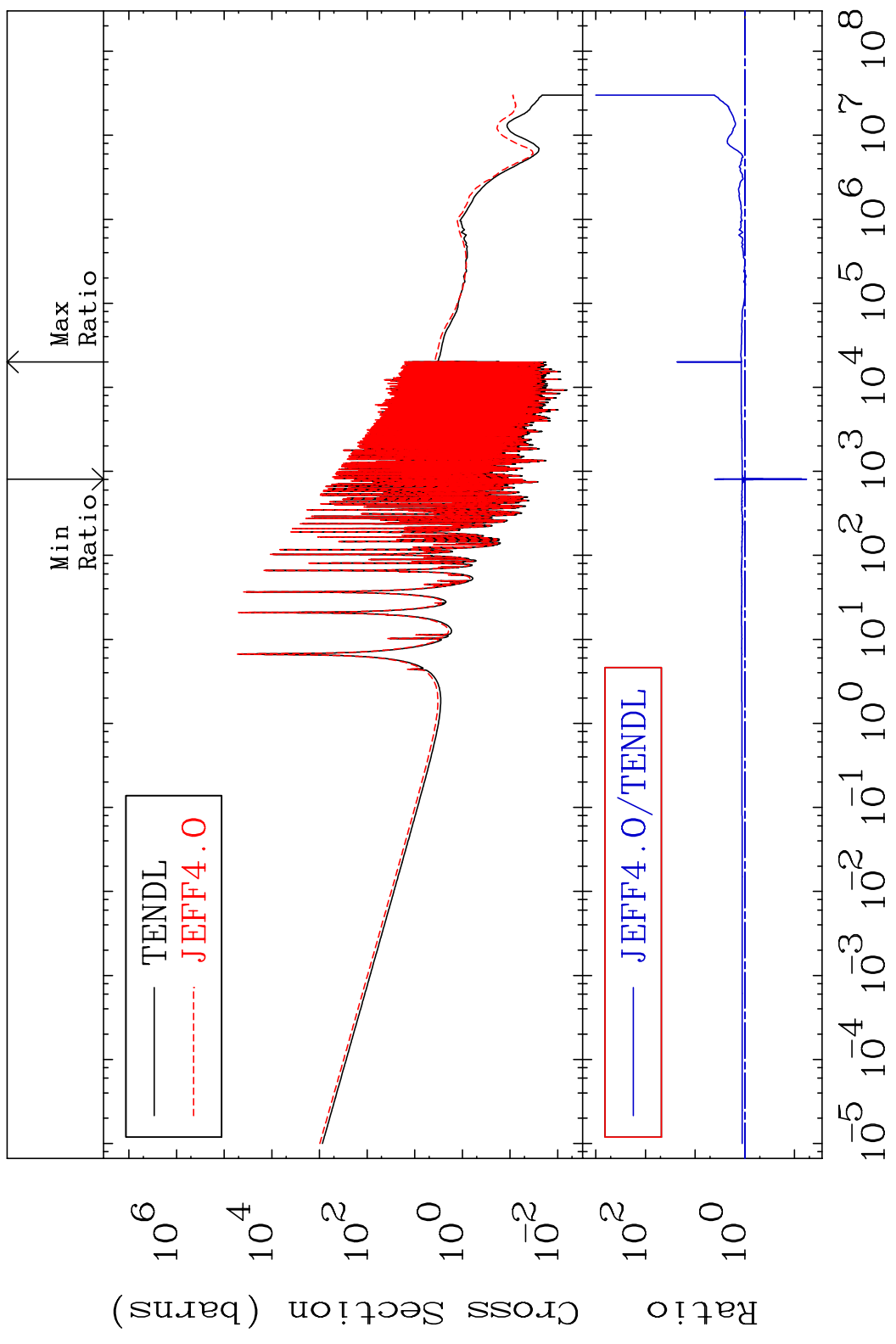


MAT 9237 Kerma fission (mt18 or mt19-20-21-38) 92-U -238
 Cross Section -43.49 To 235.6 %



MAT 9237

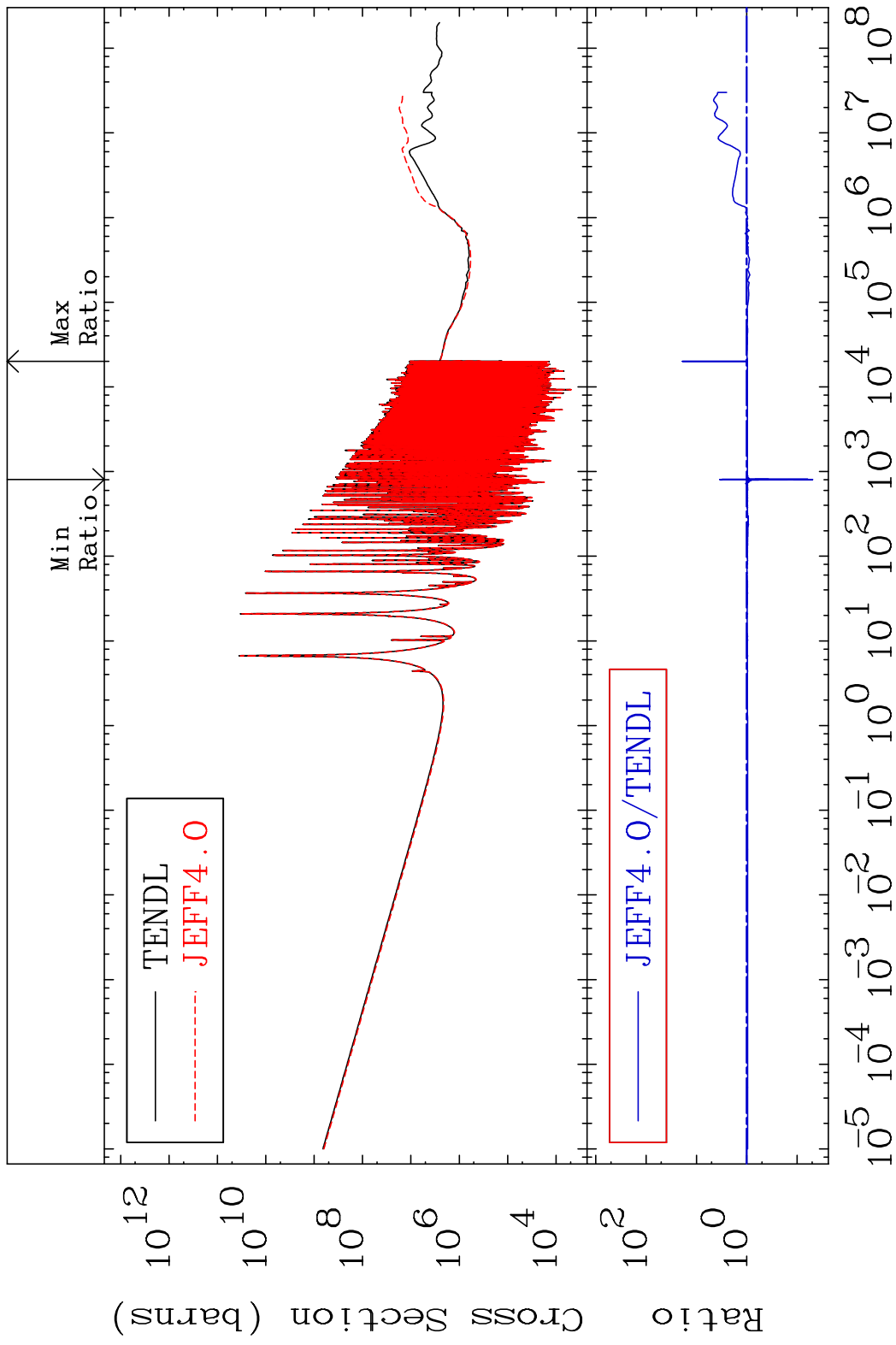
Kerma capture (mt102) 92-U -238
Cross Section -94.26 To 2199. %



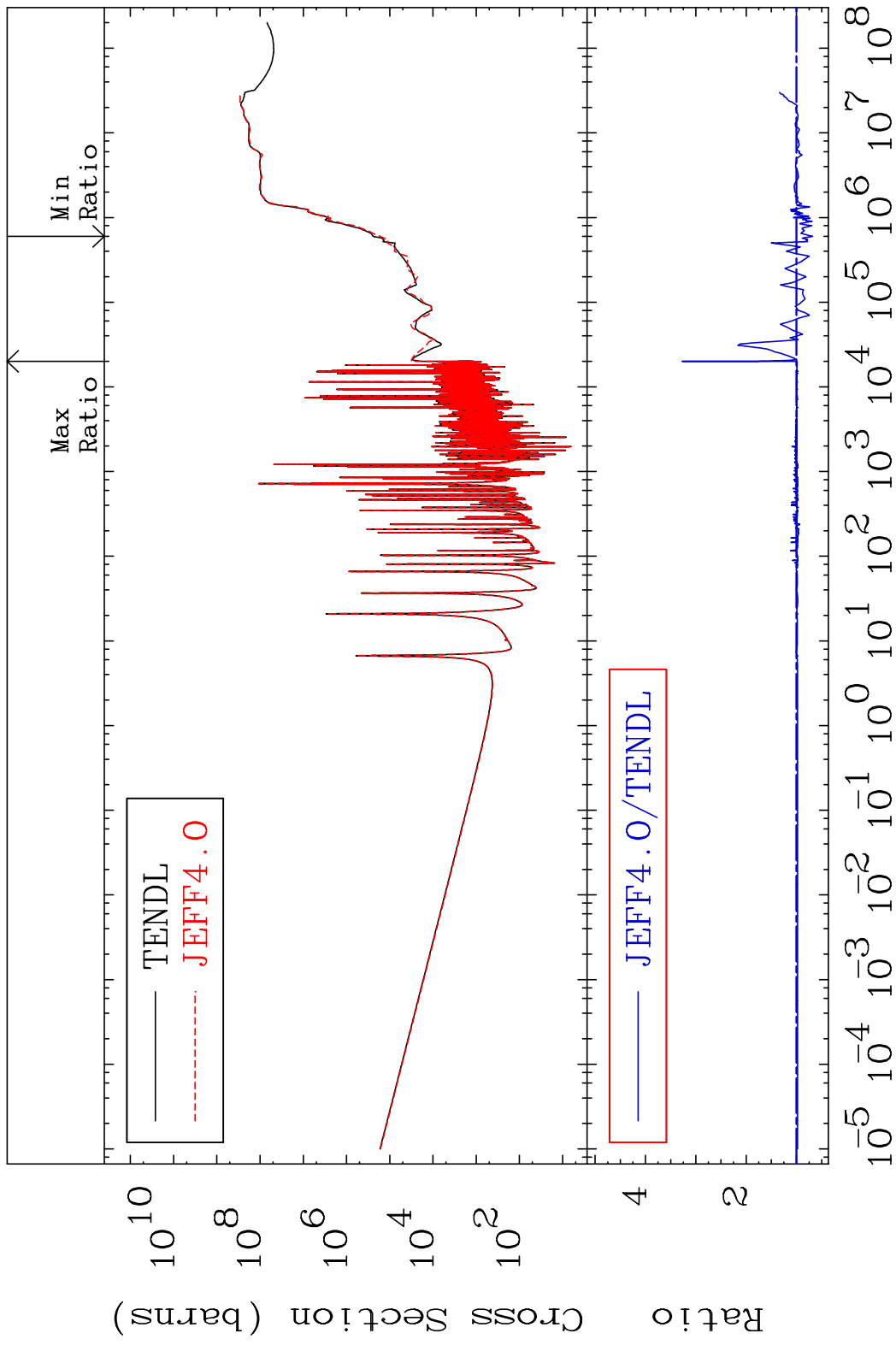
63

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 %

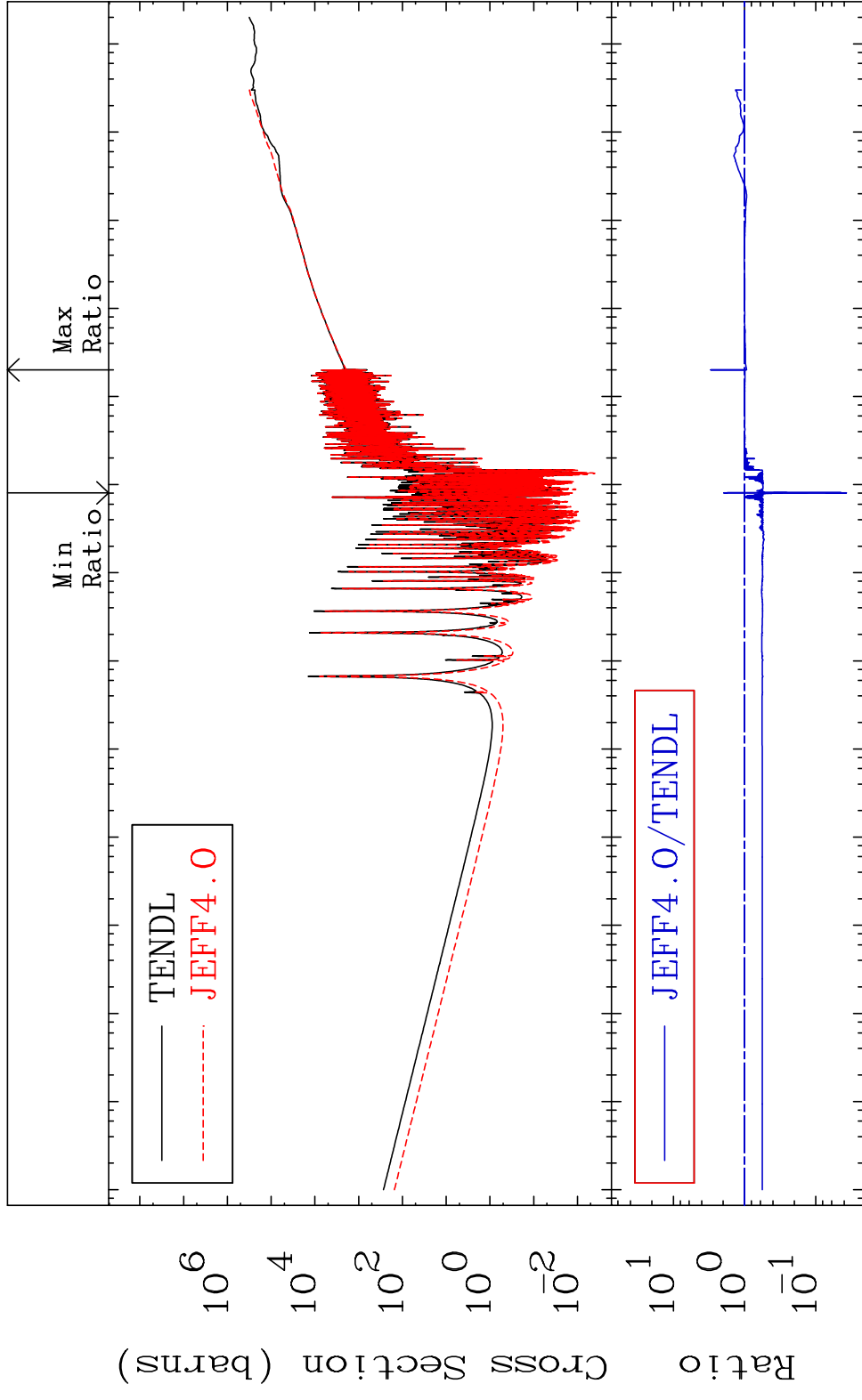


MAT 9237

Dpa total (eV-barns)

92-U -238

Cross Section -96.27 To 199.0 %



66

Incident Energy (eV)

92-U -238

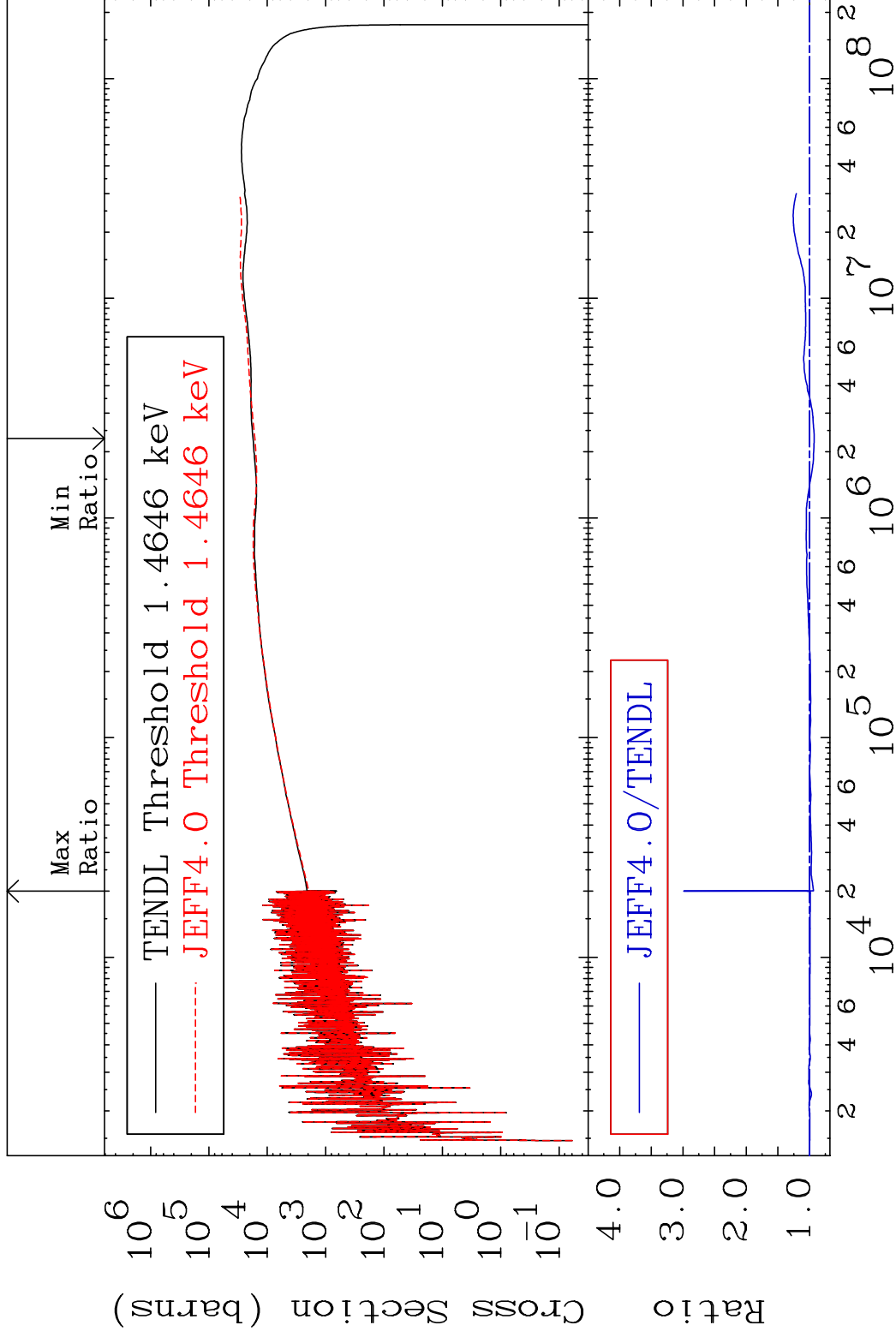
MAT 9237

Dpa elastic (mt2)

92-U -238

Cross Section

-7.116 To 198.9 %

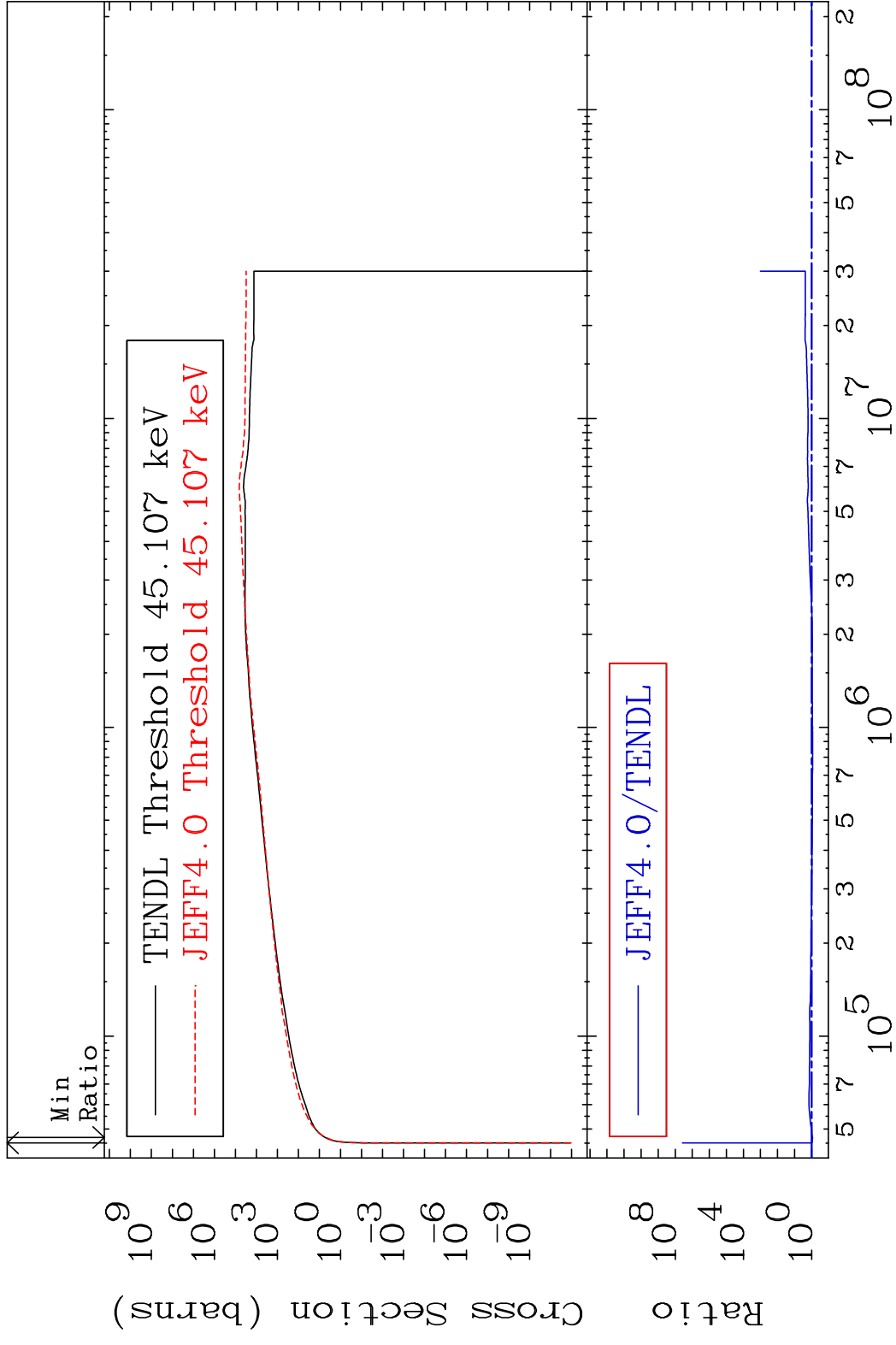


67

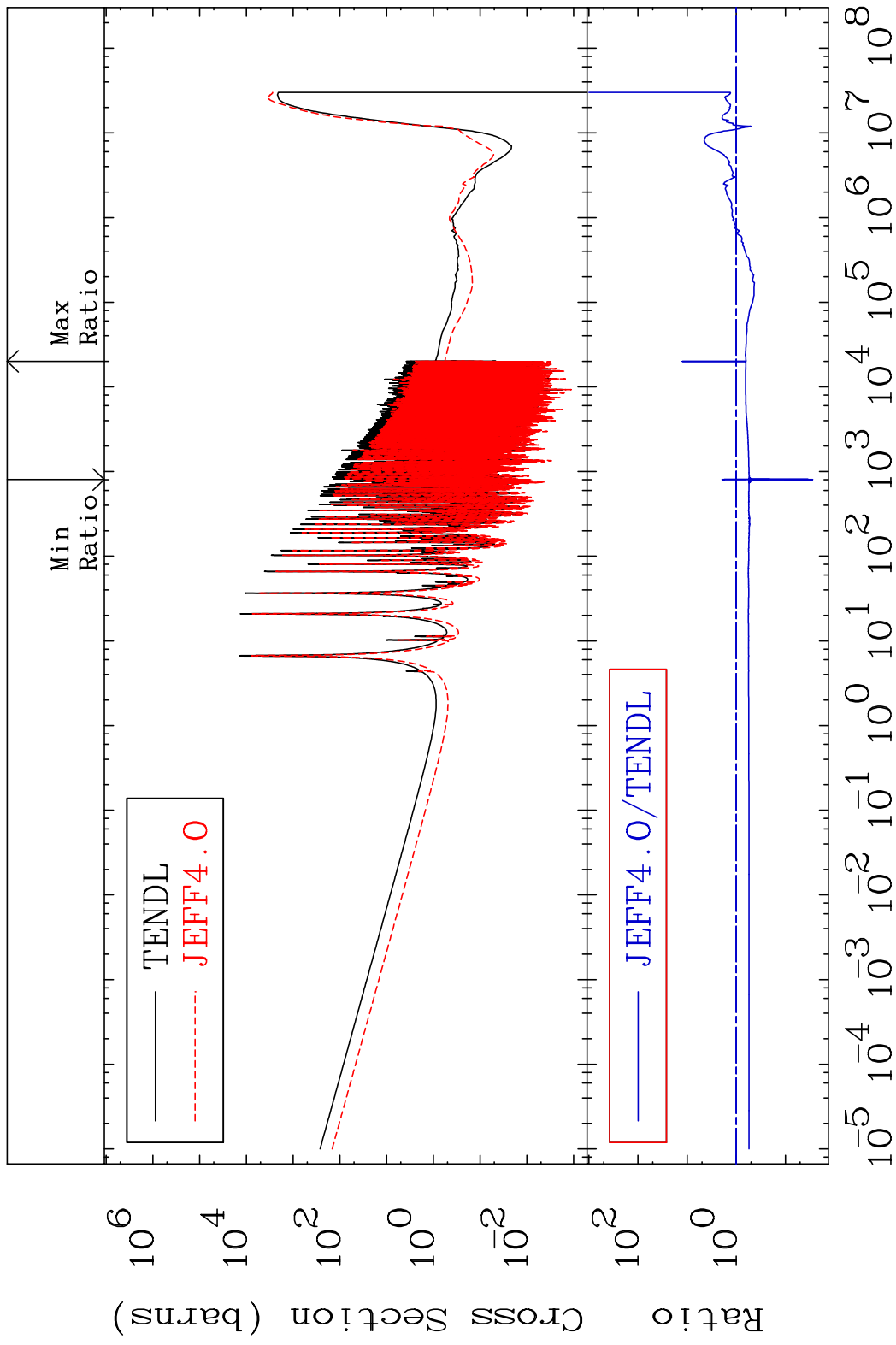
Incident Energy (eV)

92-U -238

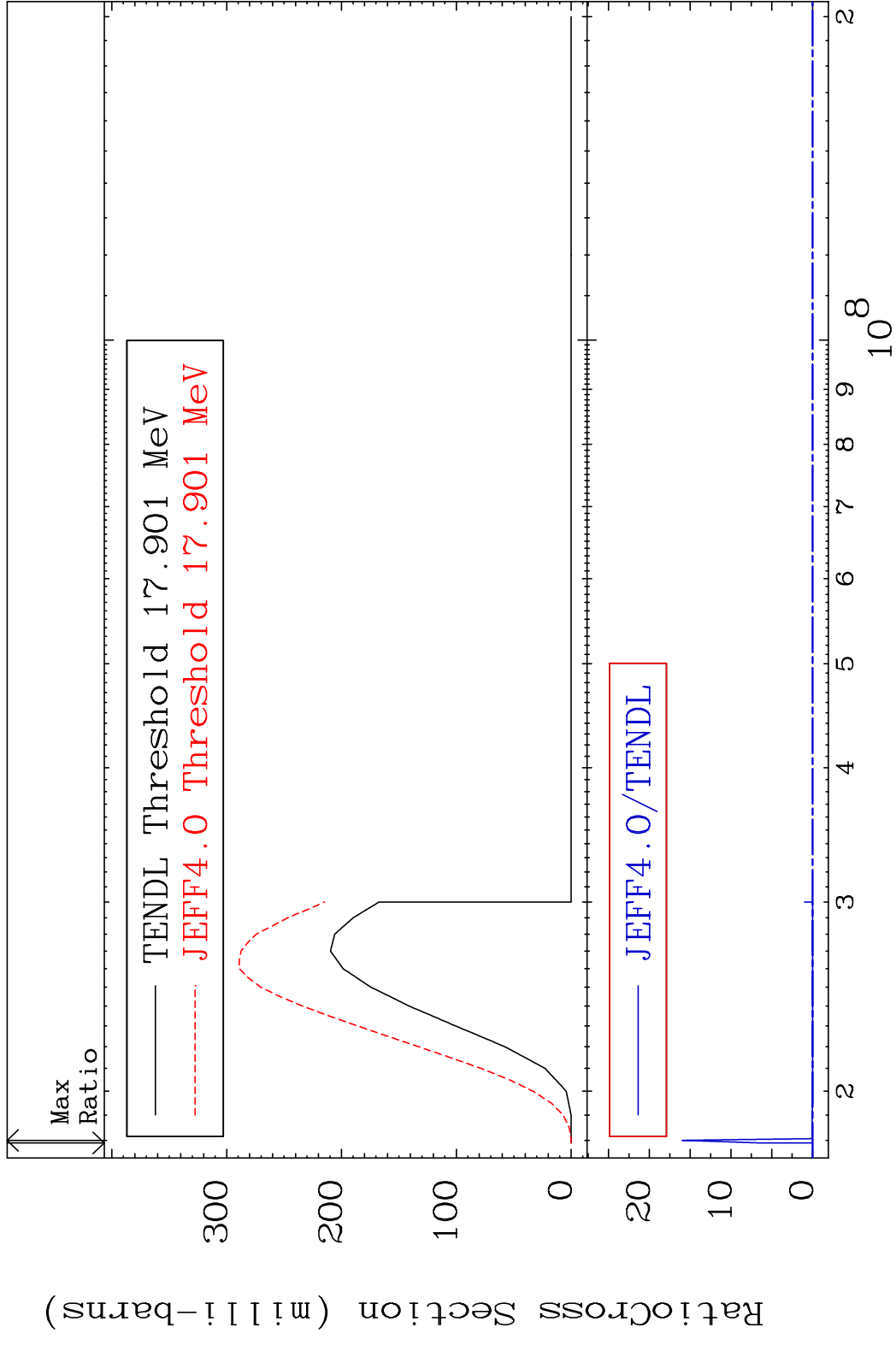
MAT 9237 Dpa inelastic (mt51-91) 92-U -238
 Cross Section -11.55 To 9999. %



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



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. %

