

Program Complot
(Version 2021-1)

by

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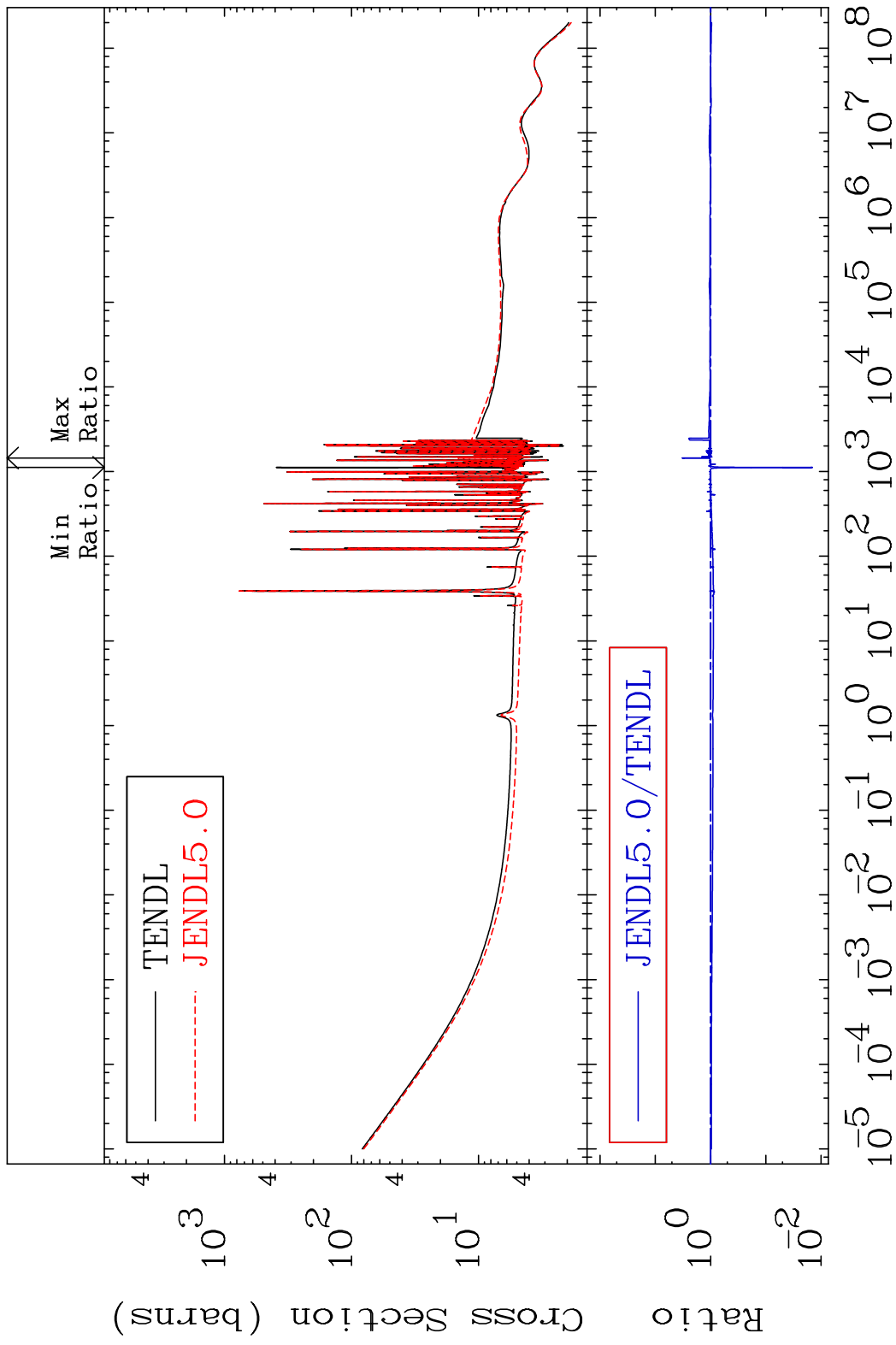
U.S.A.

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5040 Total 50-Sn-117
 Cross Section -98.57 To 224.6 %



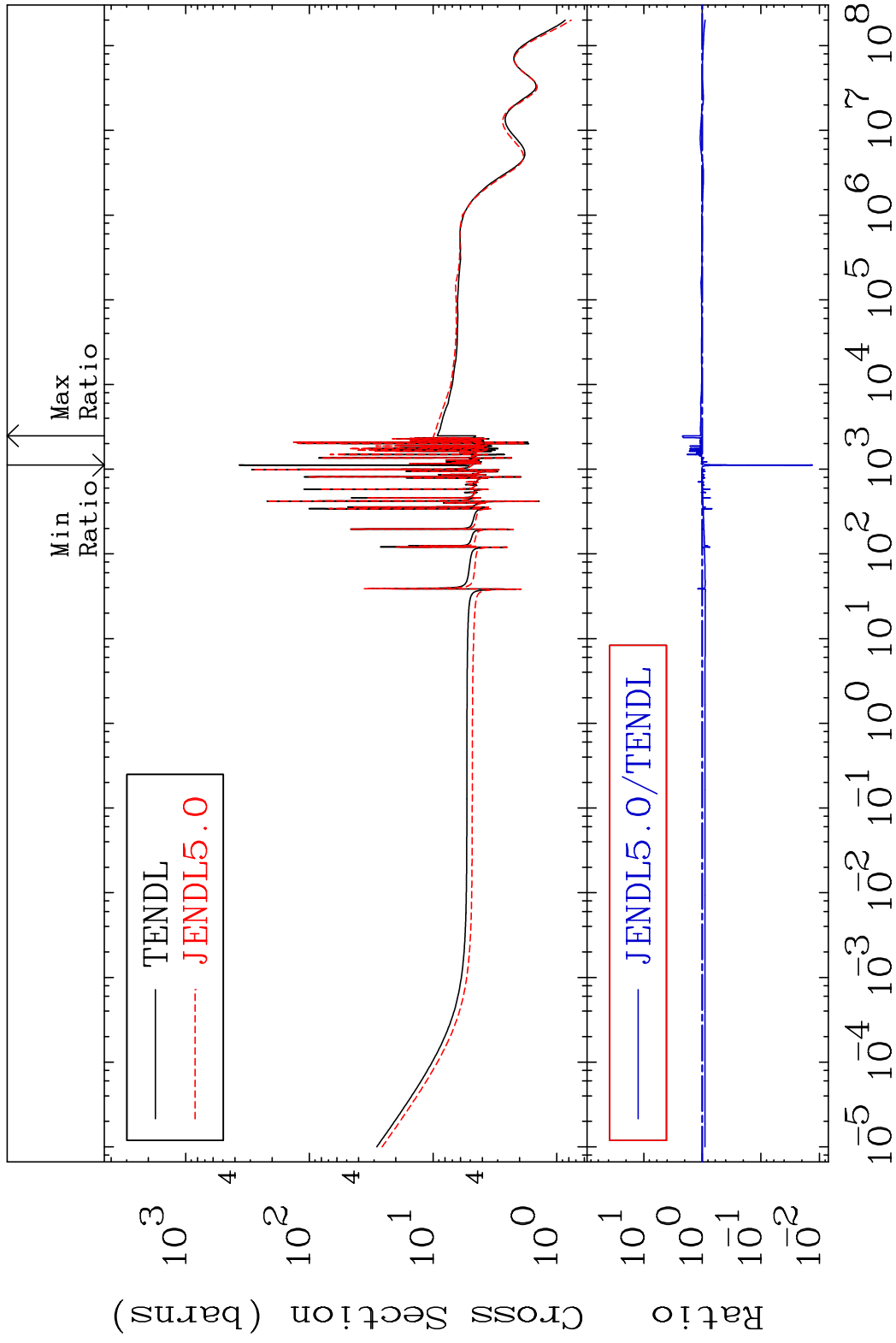
1 Incident Energy (eV) 50-Sn-117

MAT 5040

Elastic

50-Sn-117

Cross Section -98.69 To 119.3 %

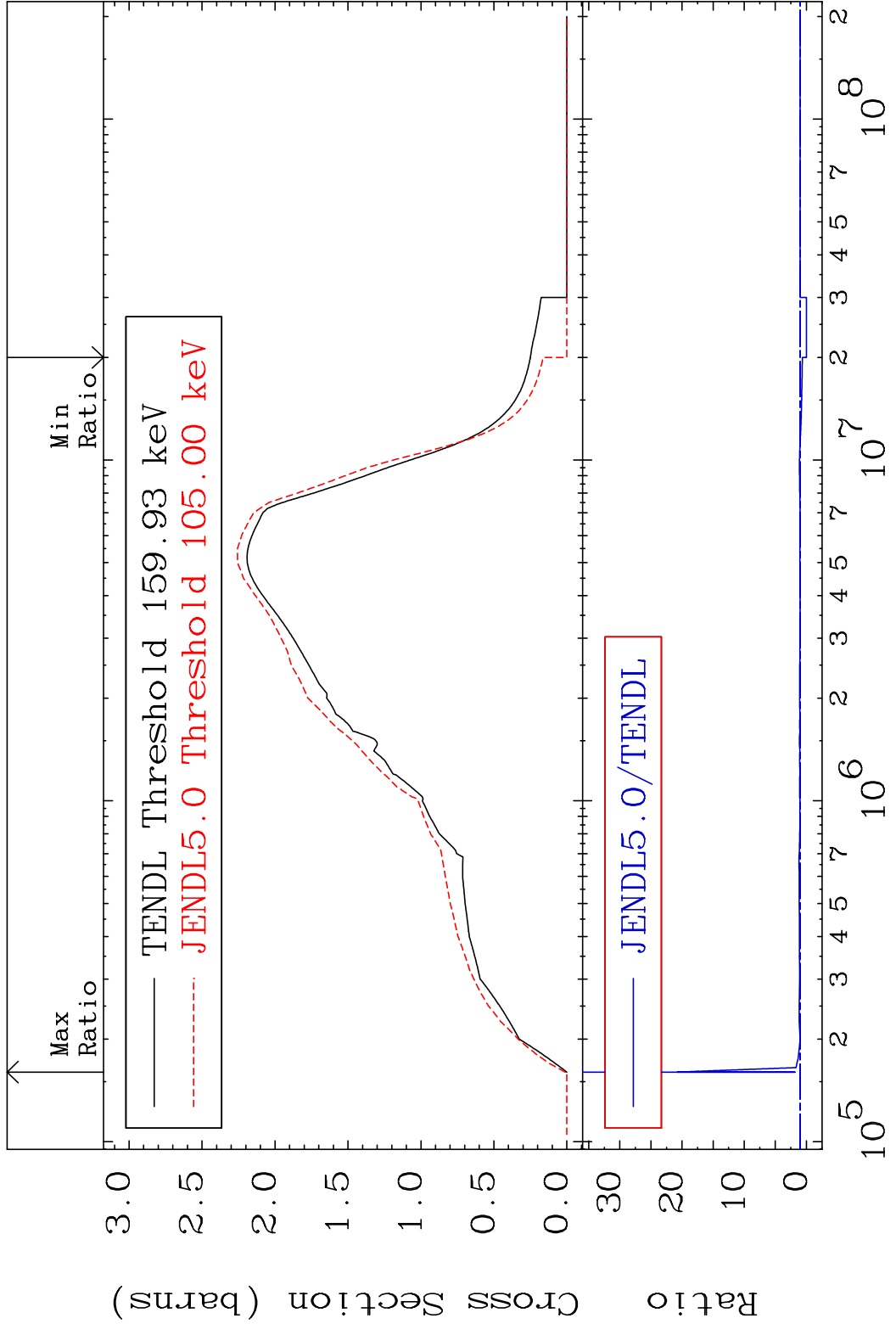


2

Incident Energy (eV)

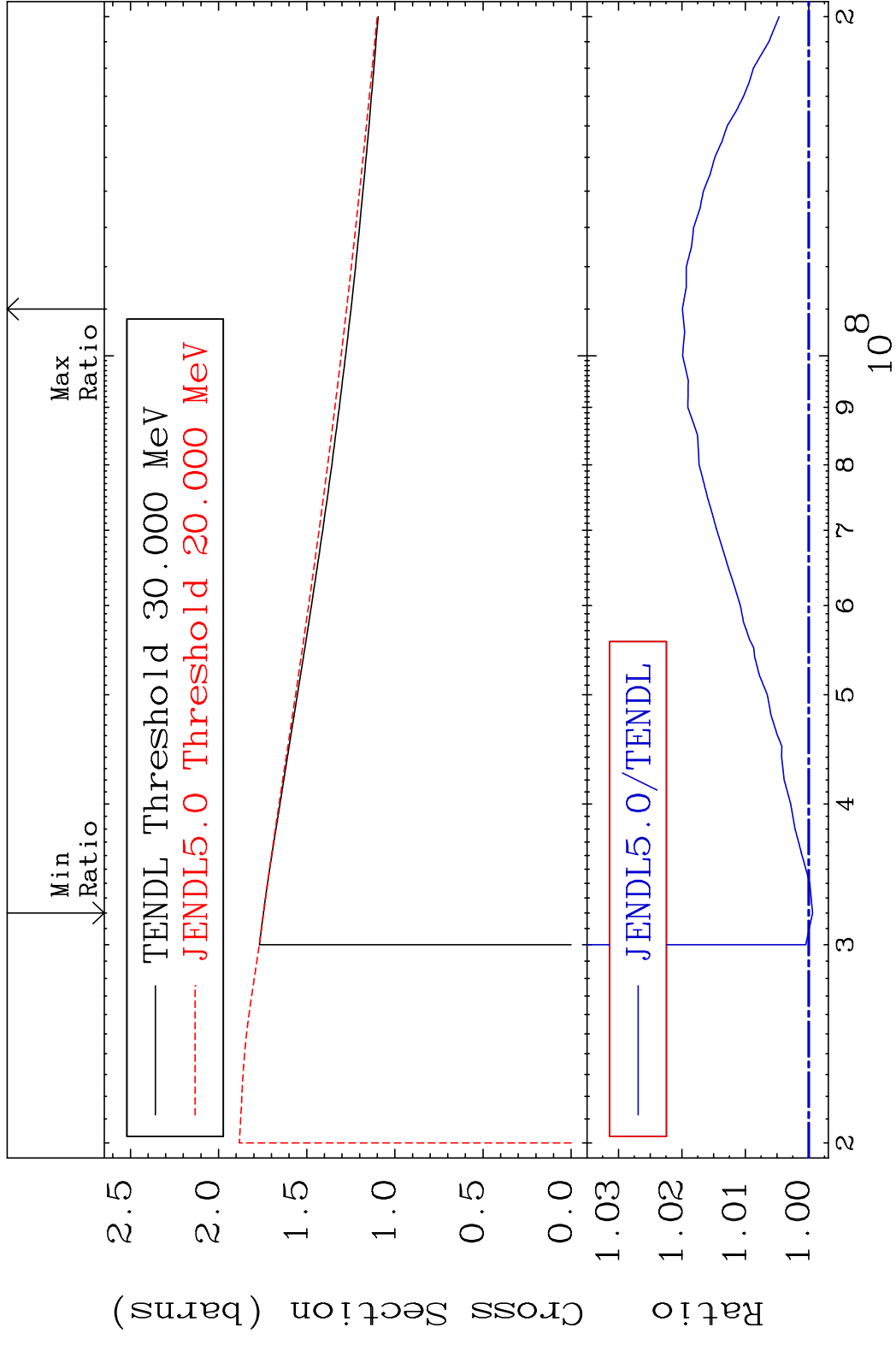
50-Sn-117

MAT 5040 Inelastic Cross Section -100.0 To 1978. % 50-Sn-117



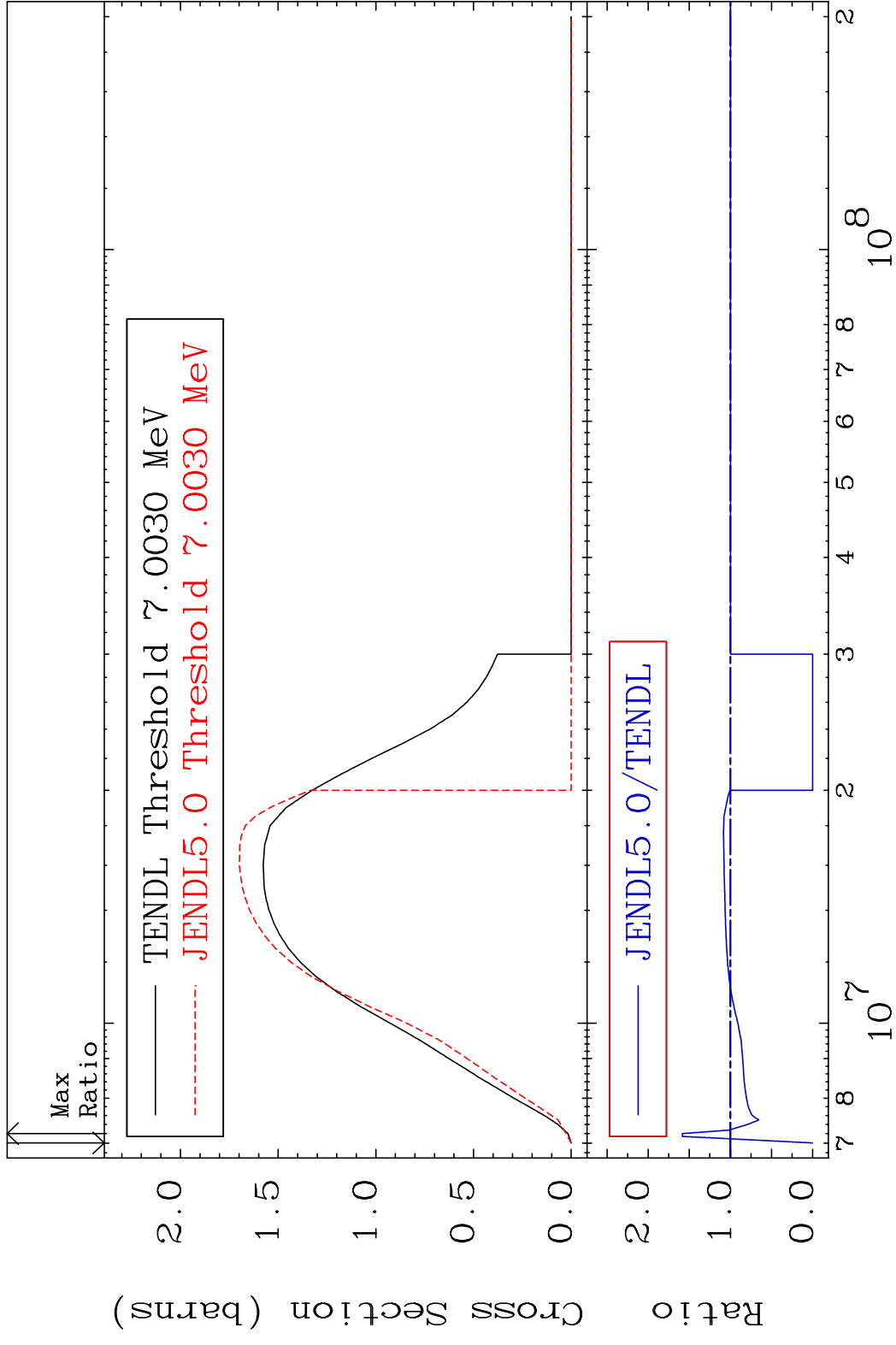
3 2 3 4 5 6 7 8 2 3 4 5 7 8 2 50-Sn-117

MAT 5040 (n, remainder) 50-Sn-117
 Cross Section -0.061 To 1.992 %



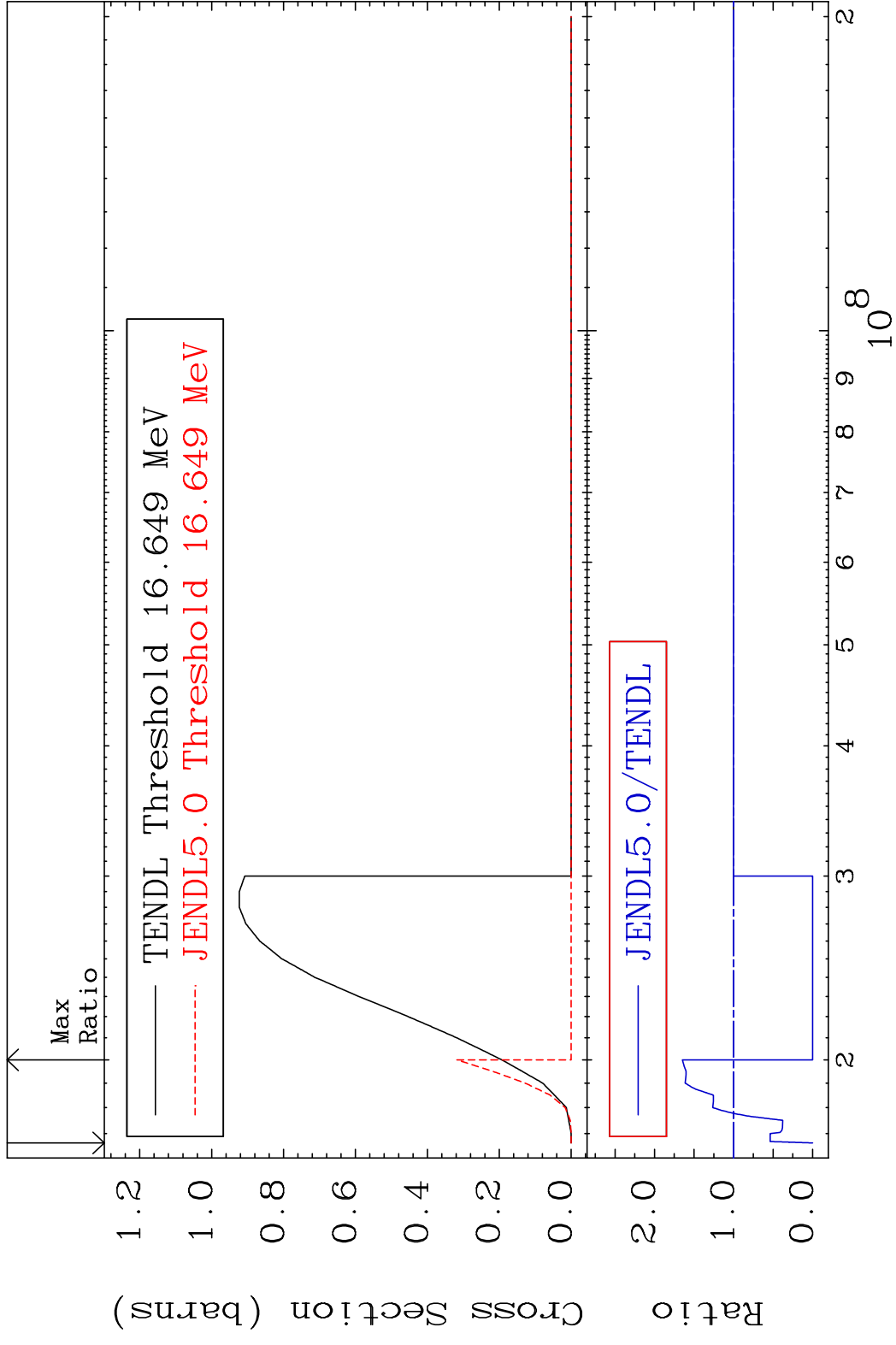
4 Incident Energy (eV) 50-Sn-117

MAT 5040 (n,2n) 50-Sn-117
 Cross Section -100.0 To 58.48 %

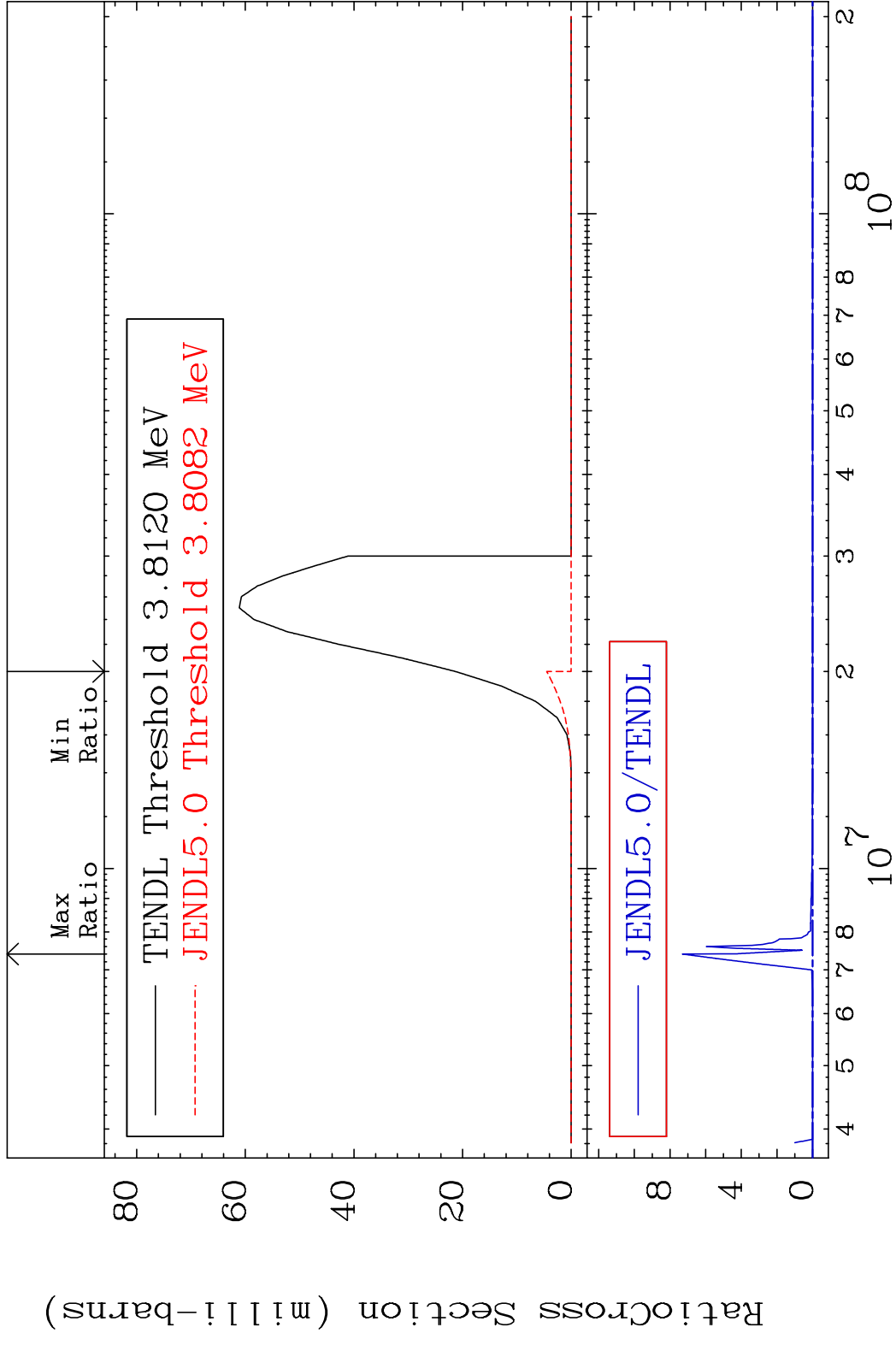


5 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2 50-Sn-117

MAT 5040 (n,3n) 50-Sn-117
 Cross Section -100.0 To 64.79 %

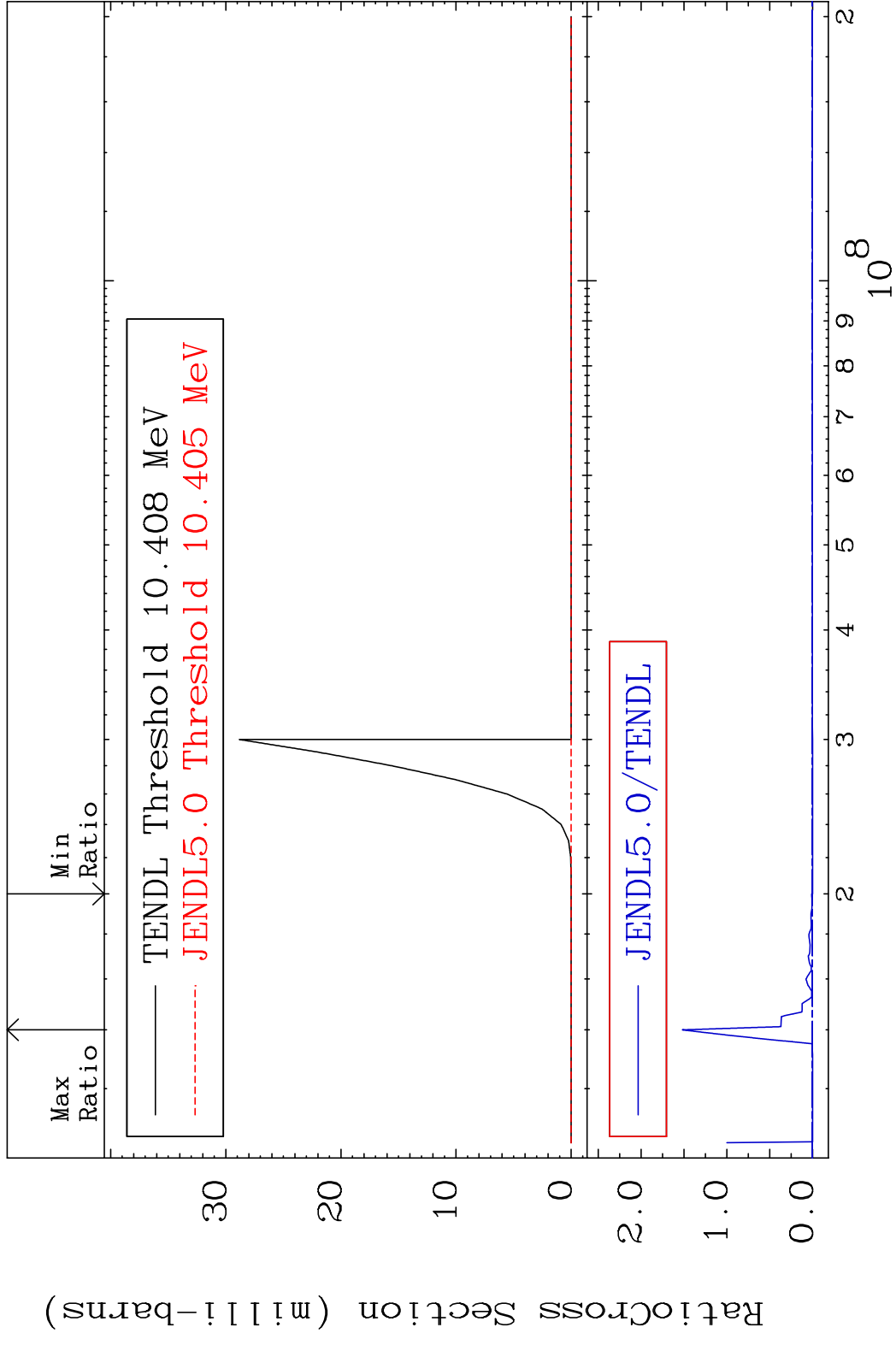


MAT 5040 (n, n') α 50-Sn-117
 Cross Section -100.0 To 9999. %

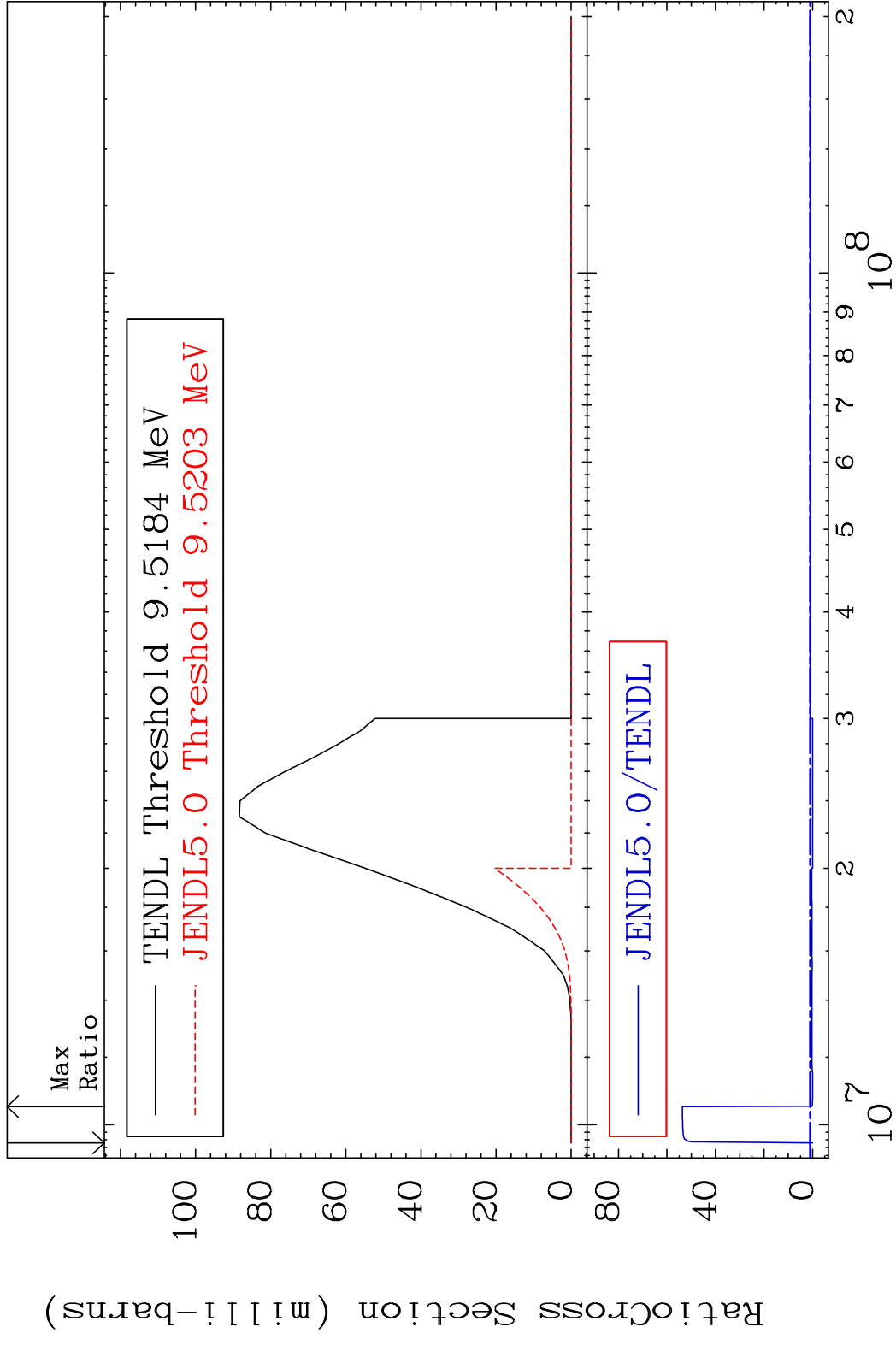


7 Incident Energy (eV) 50-Sn-117

MAT 5040 (n,2n) α 50-Sn-117
 Cross Section -100.0 To 9999. %

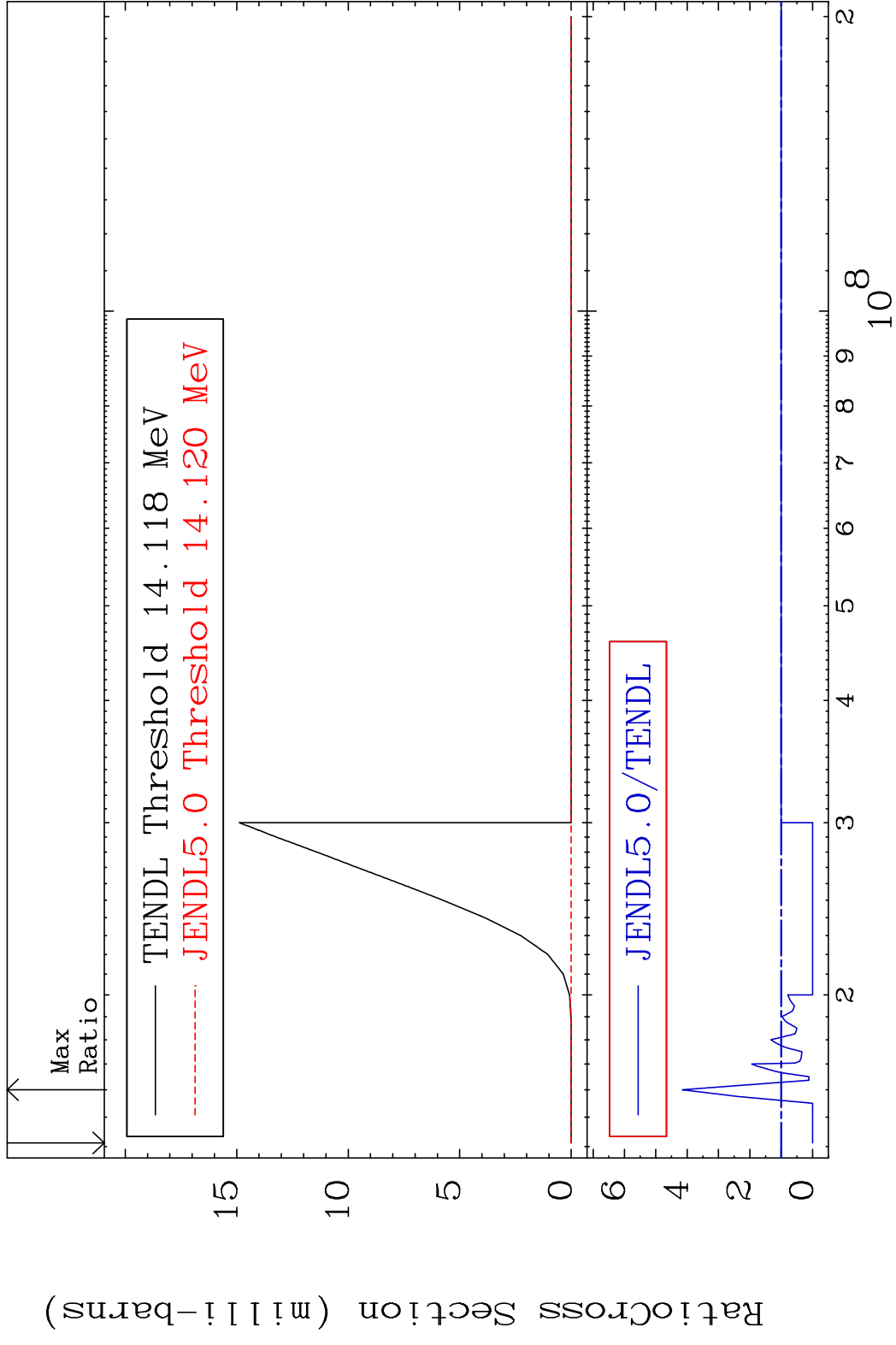


MAT 5040 (n, n') p 50-Sn-117
 Cross Section -100.0 To 5266. %



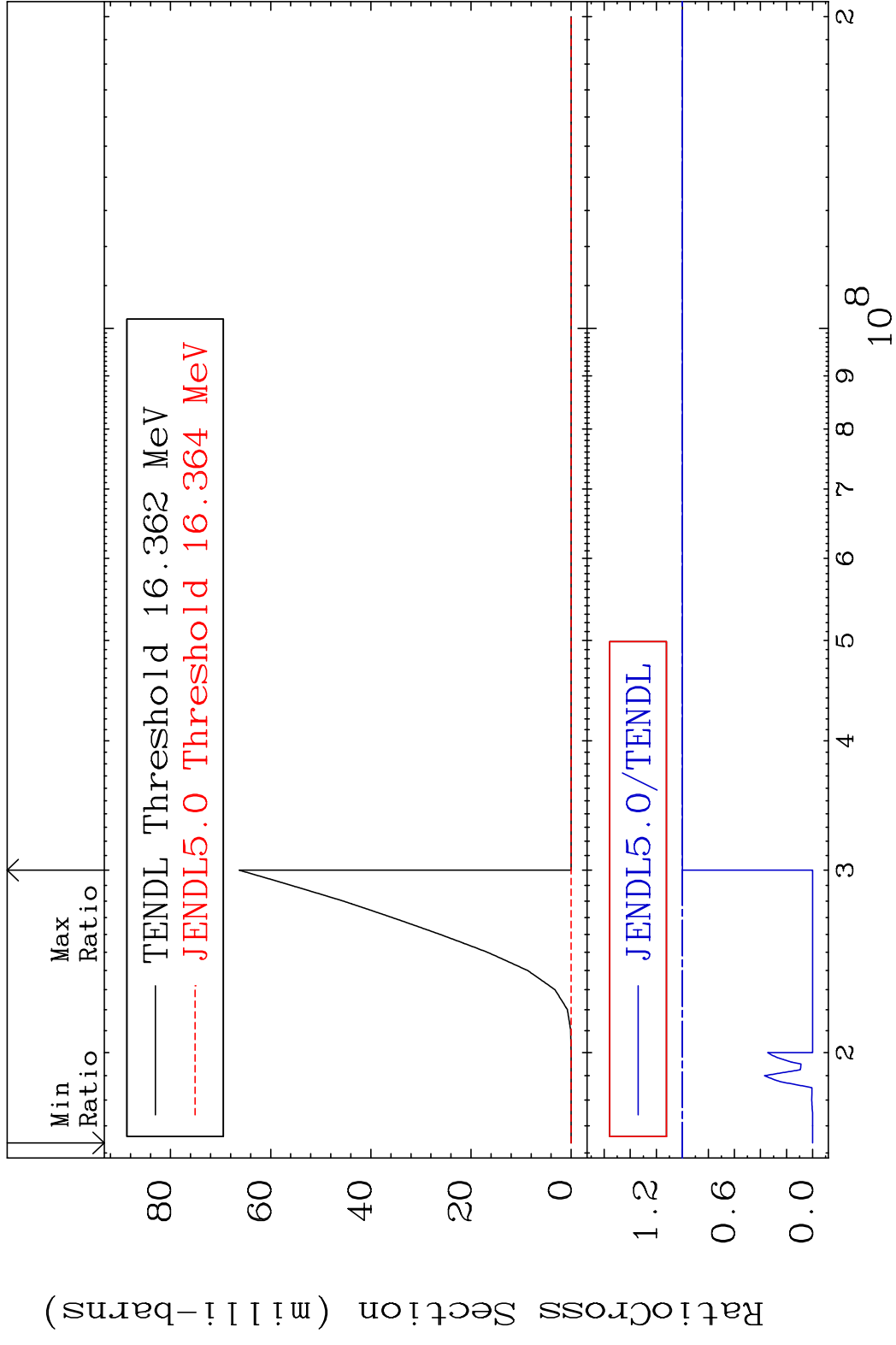
9 10⁷ 2 50-Sn-117

MAT 5040 (n, n') d 50-Sn-117
 Cross Section -100.0 To 315.3 %

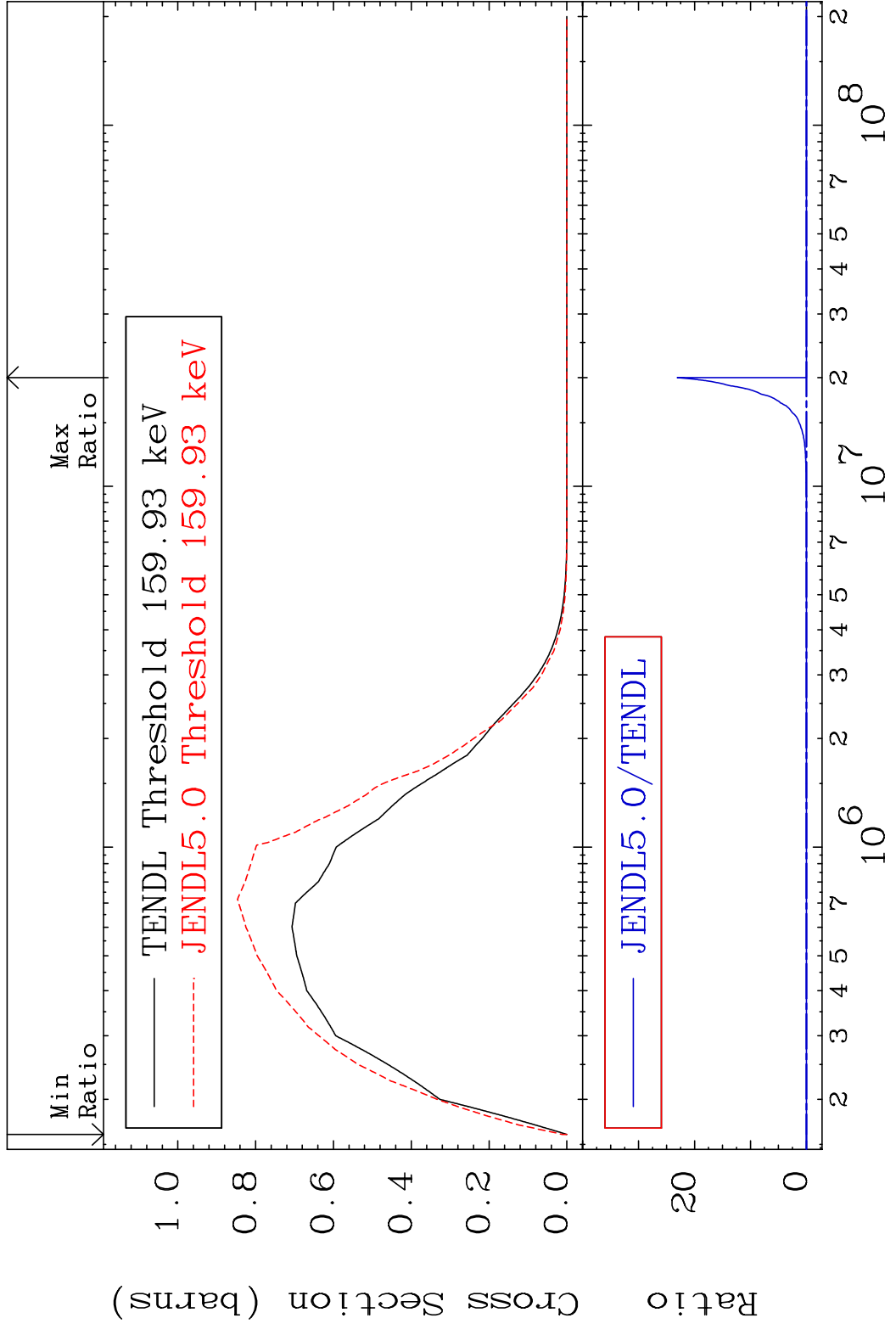


10 Incident Energy (eV) 50-Sn-117

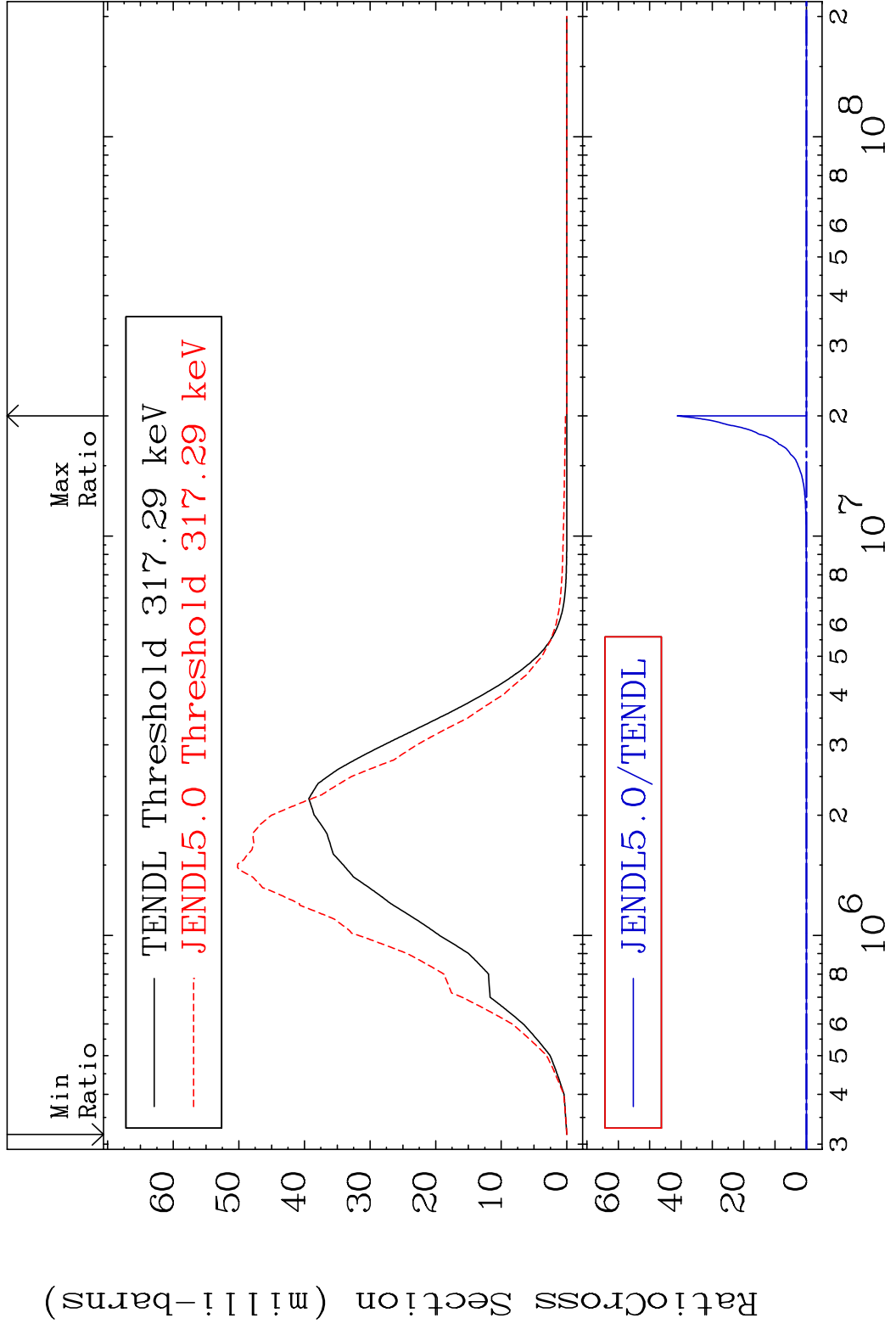
MAT 5040 (n,2n) p 50-Sn-117
 Cross Section -100.0 To 0.000 %



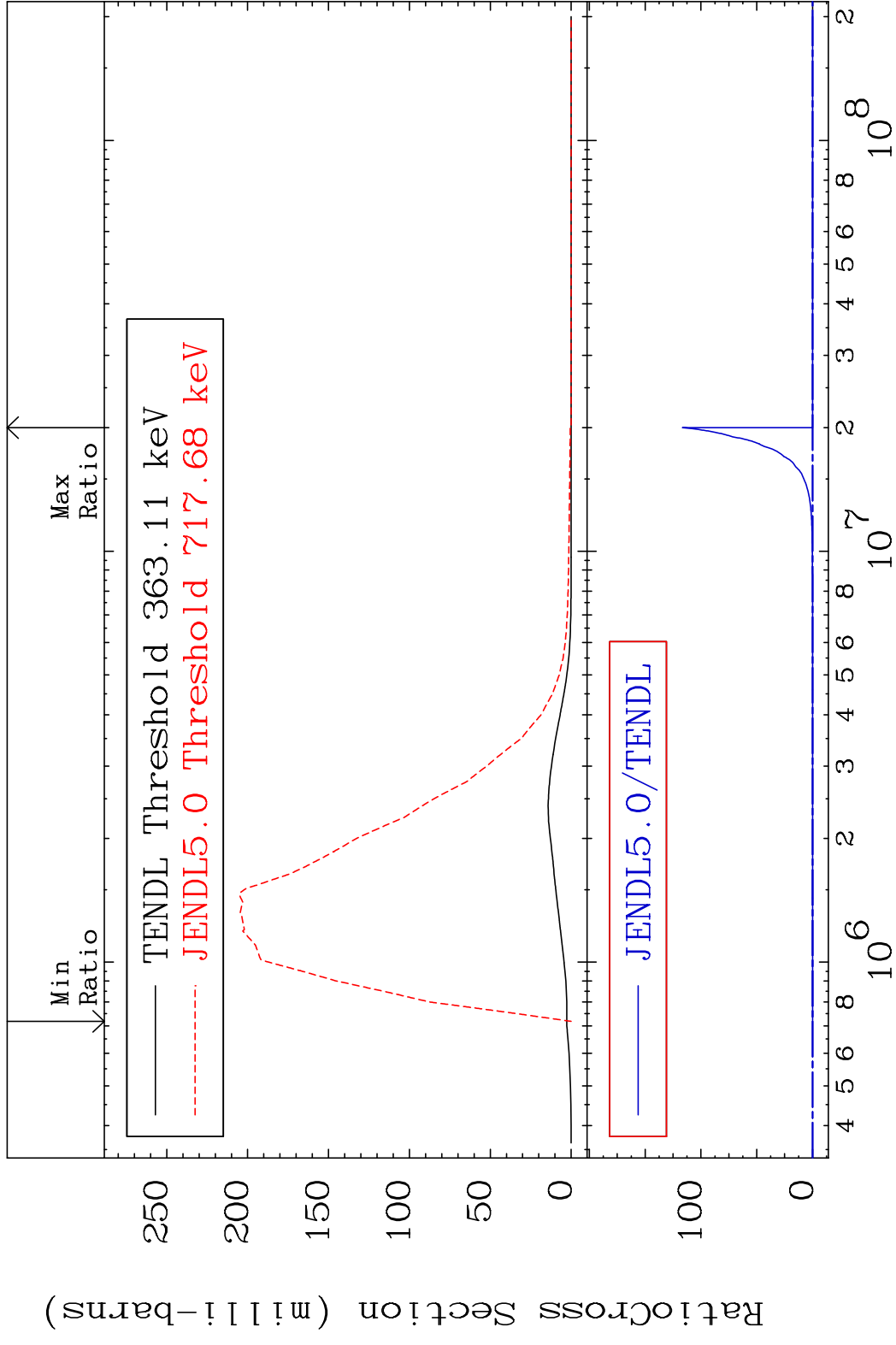
MAT 5040 MT= 51 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 MT= 52 (n,n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

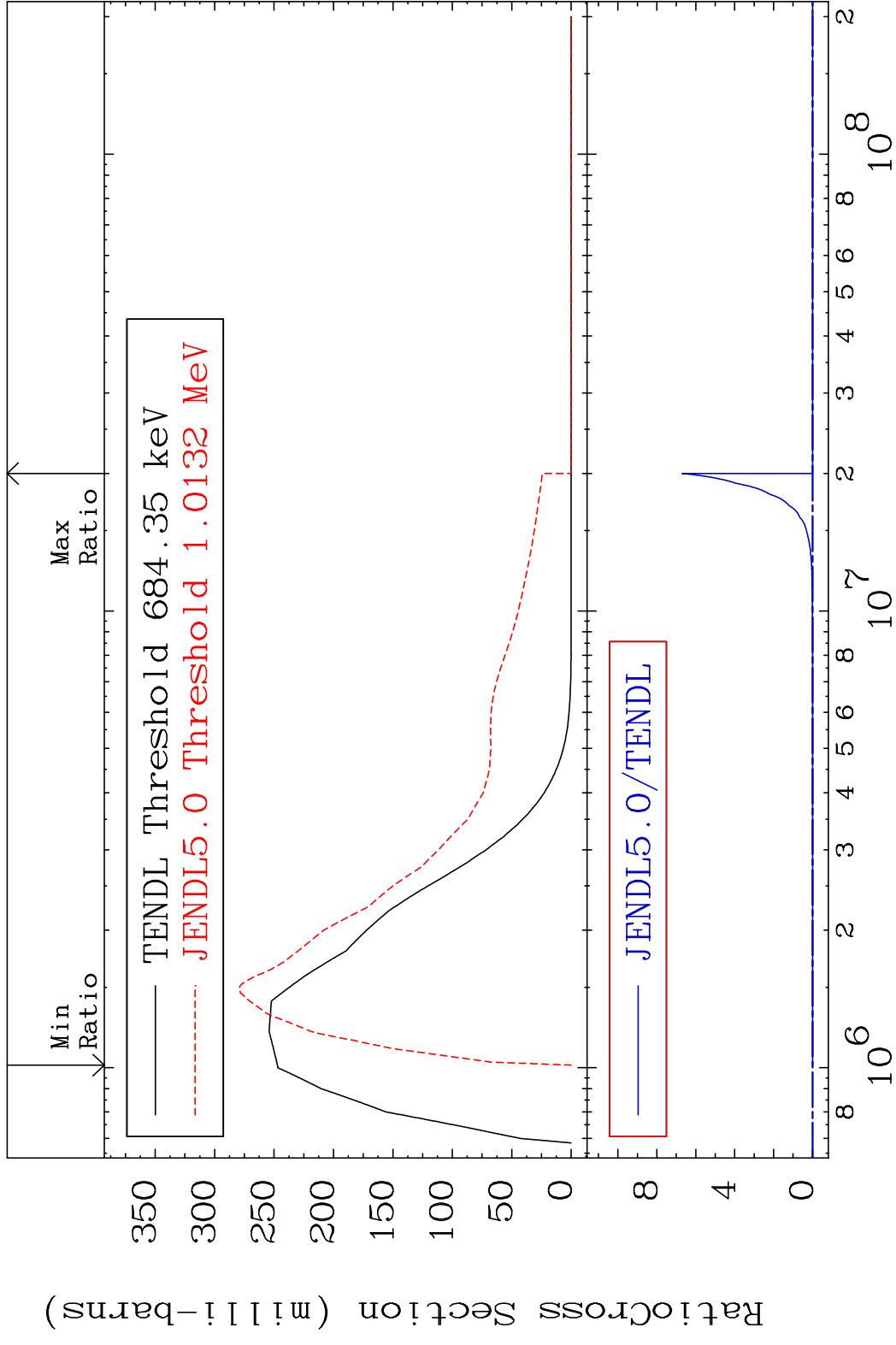


MAT 5040 MT= 53 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



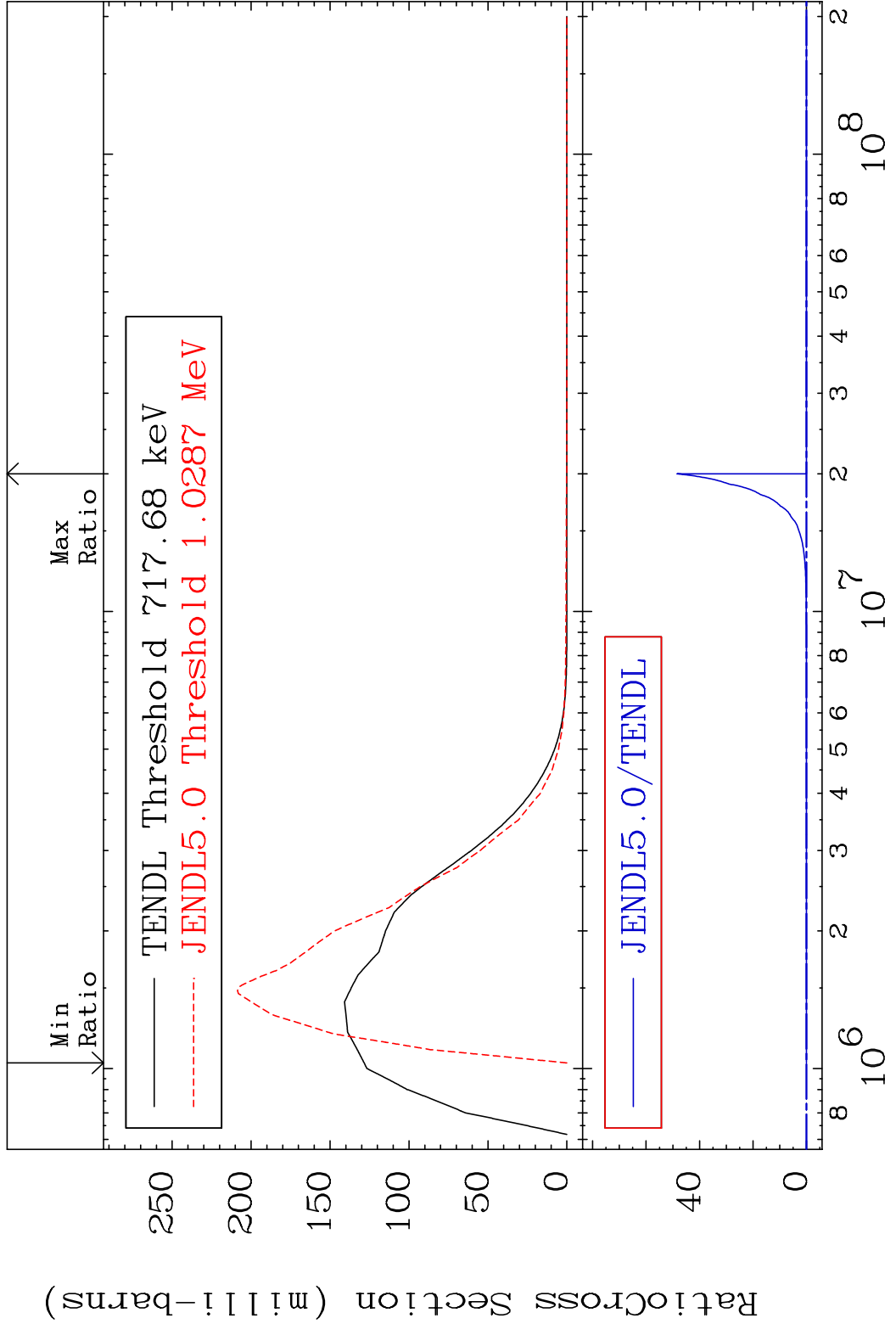
14 Incident Energy (eV) 50-Sn-117

MAT 5040 MT= 54 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

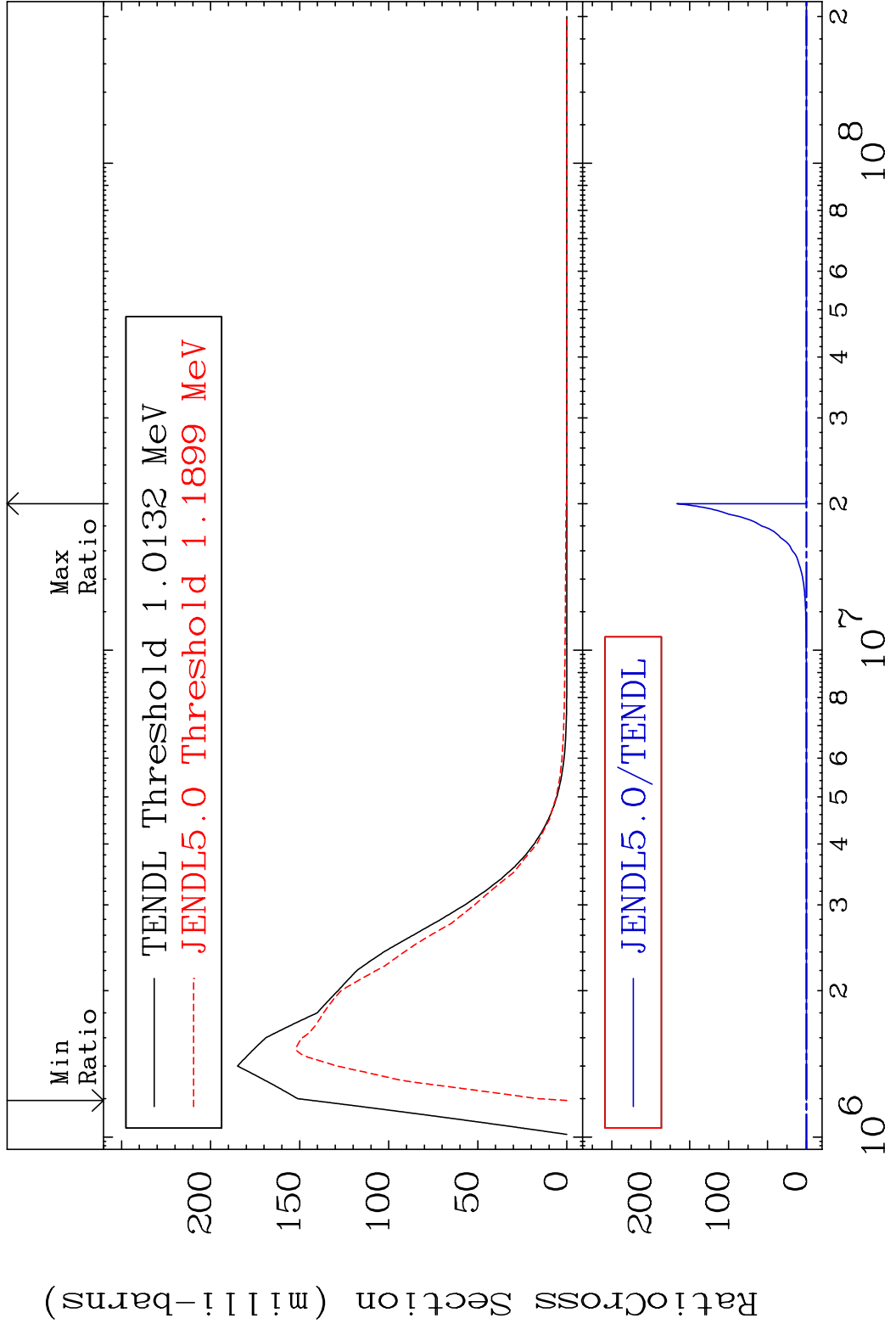


15 50-Sn-117

MAT 5040 MT= 55 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

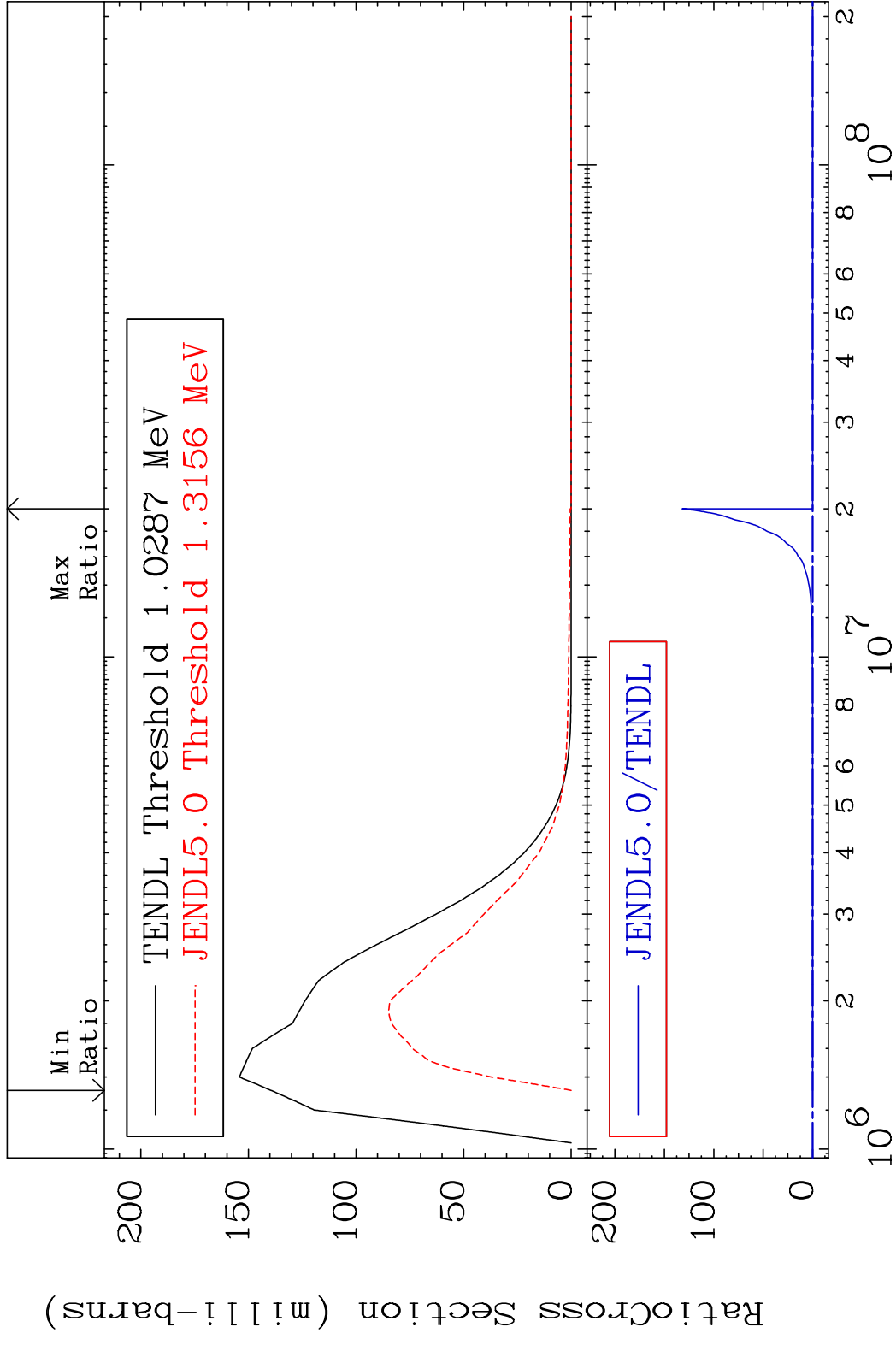


MAT 5040 MT= 56 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



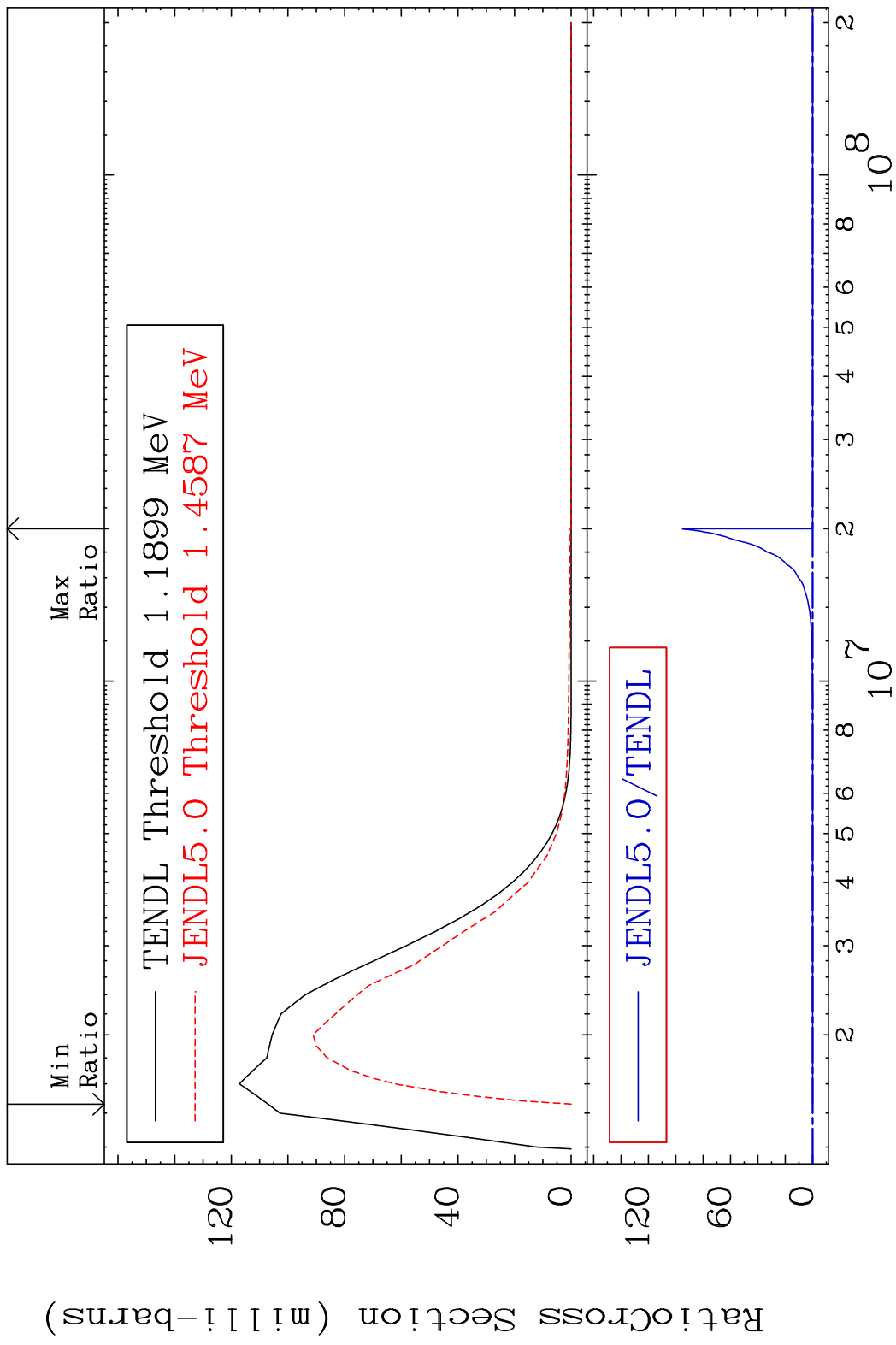
17 50-Sn-117

MAT 5040 MT= 57 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

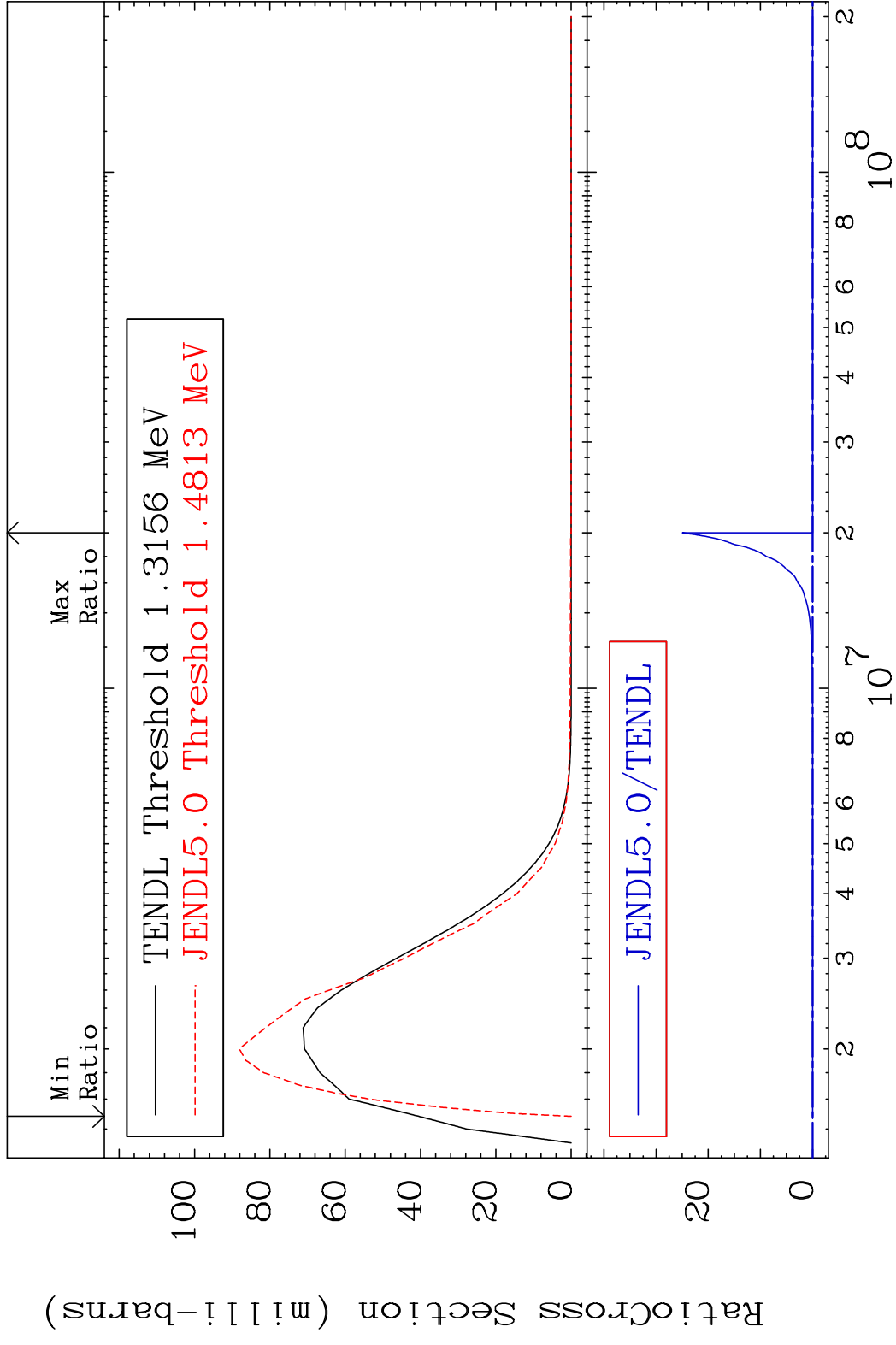


18 Incident Energy (eV) 50-Sn-117

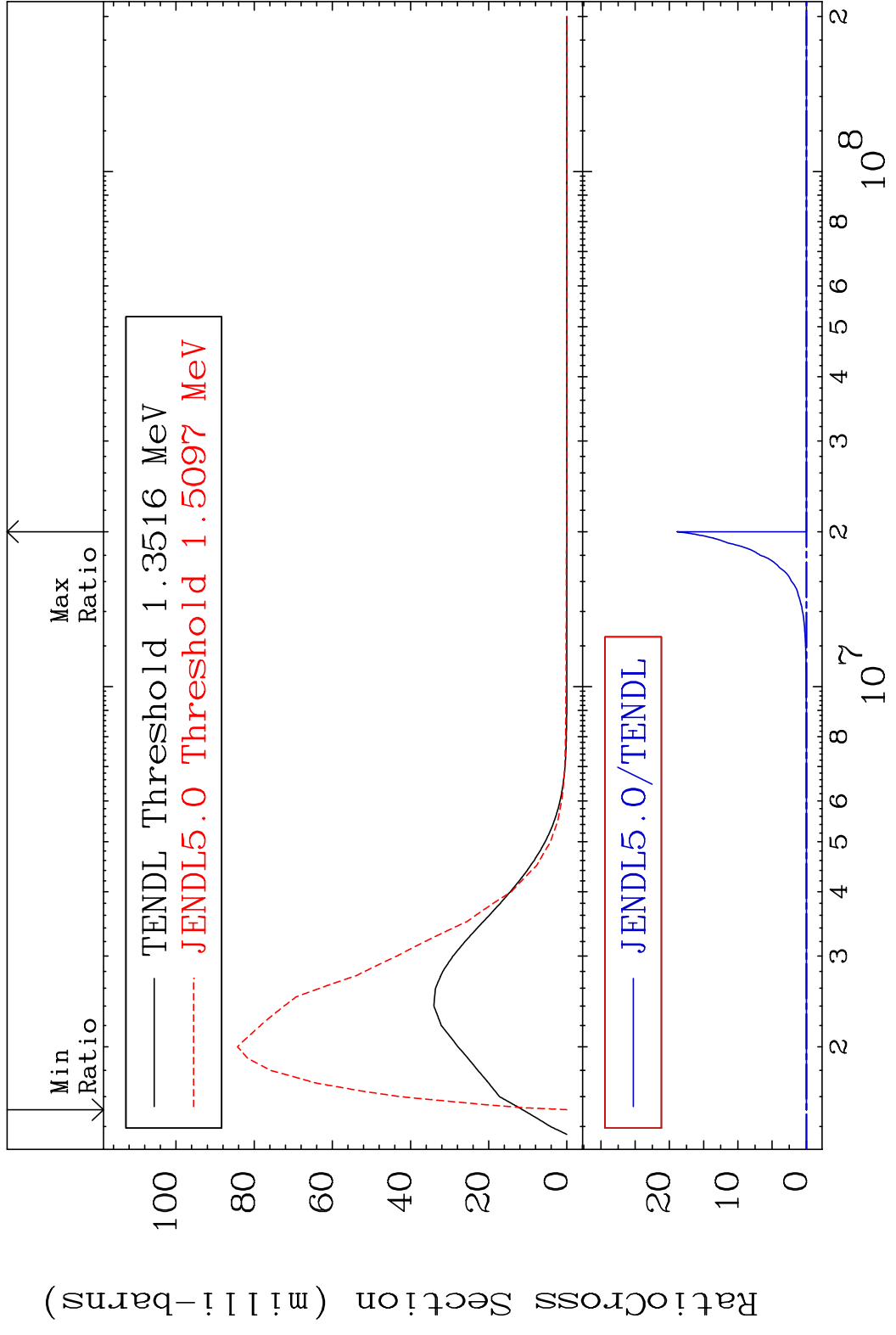
MAT 5040 MT= 58 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



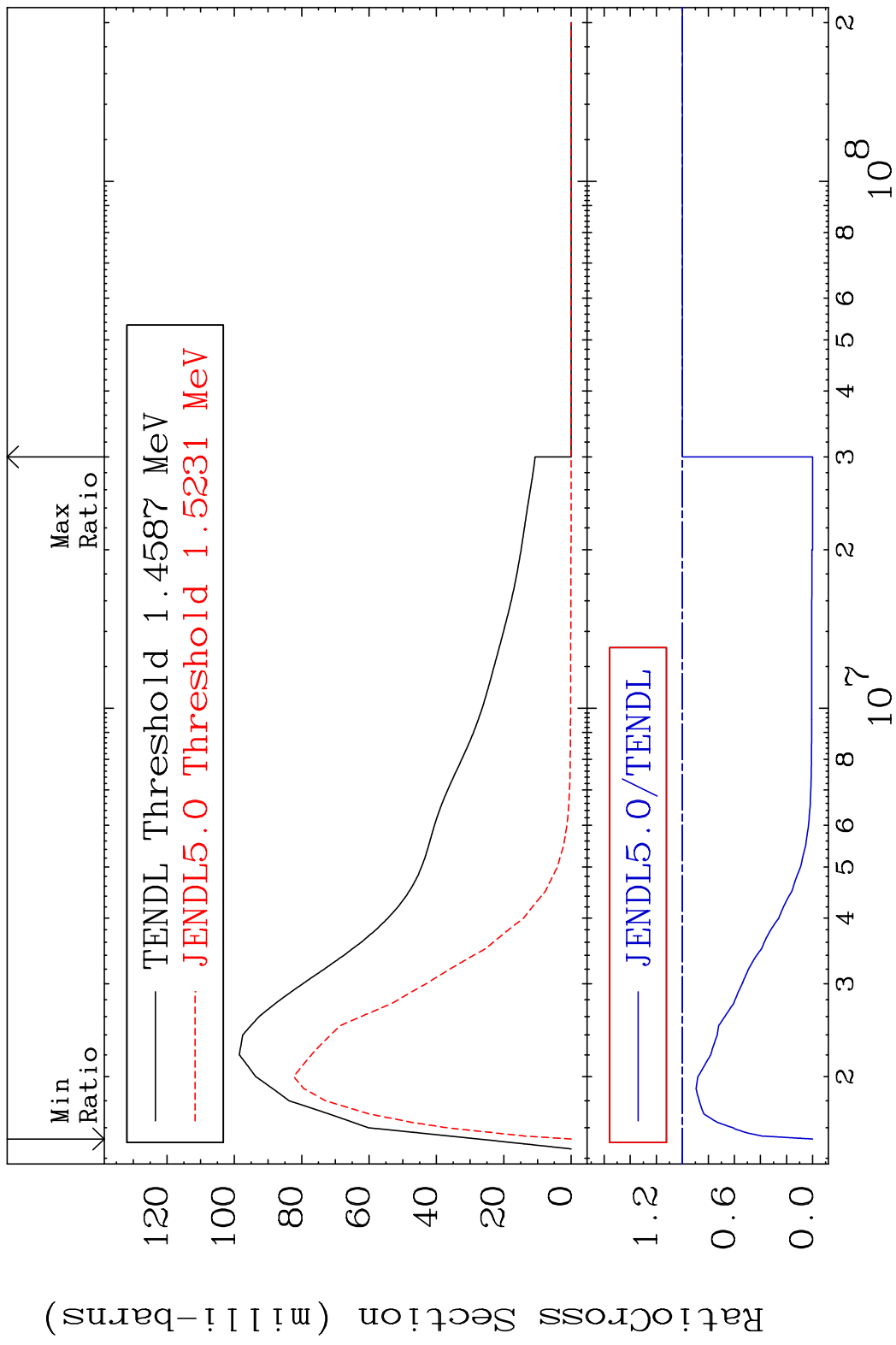
MAT 5040 MT= 59 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



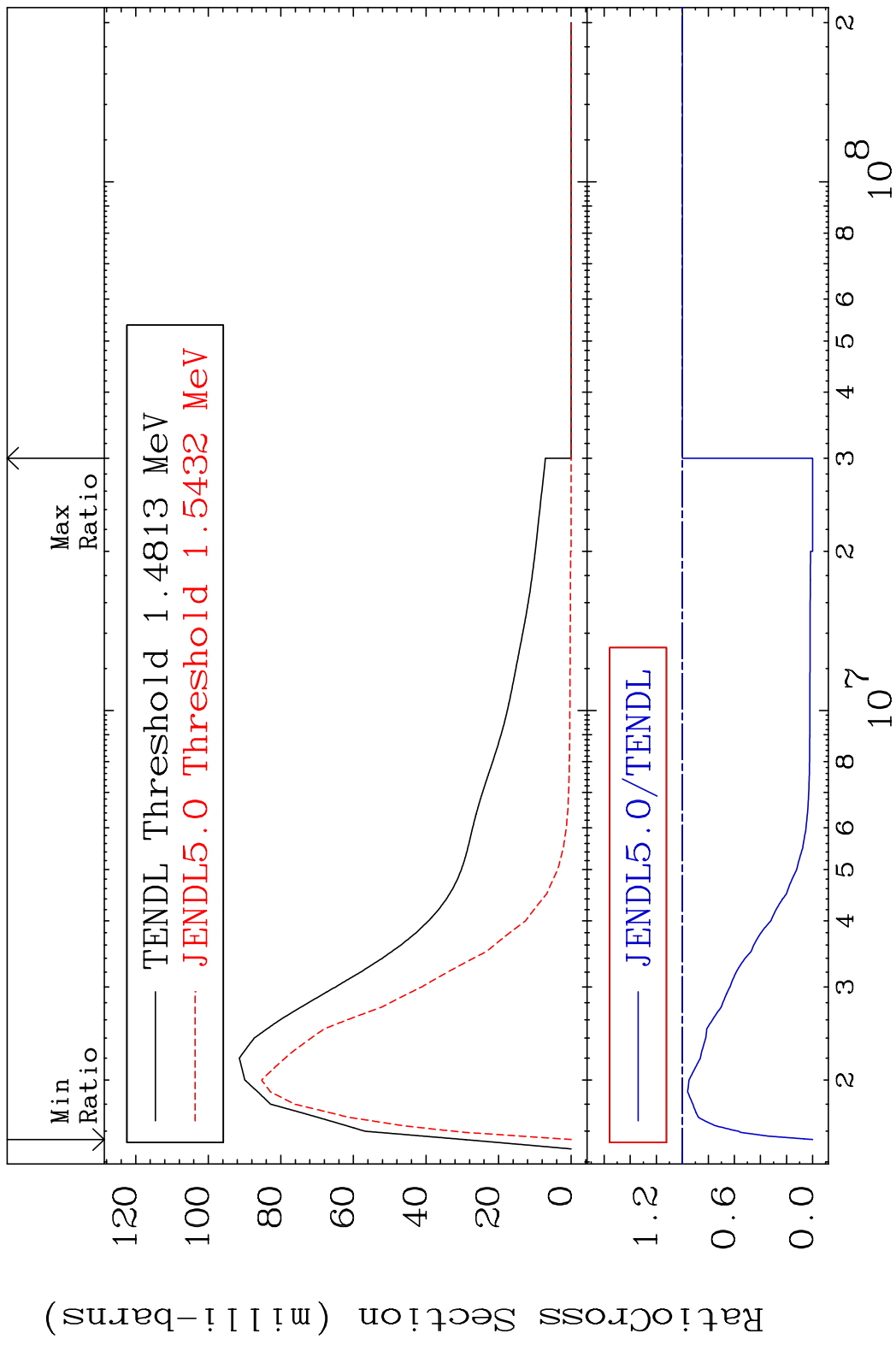
MAT 5040 MT= 60 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



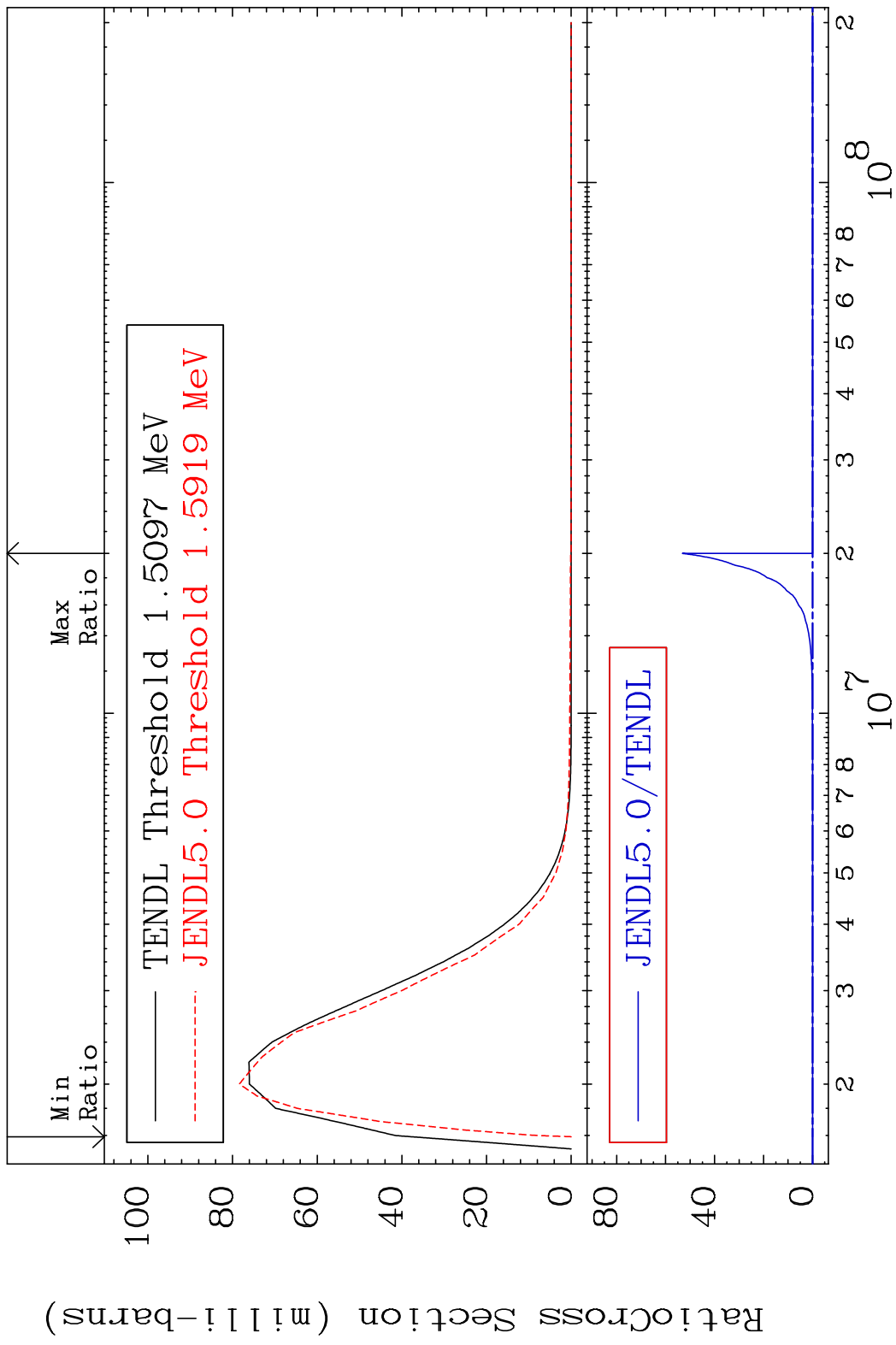
MAT 5040 MT= 61 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 0.000 %



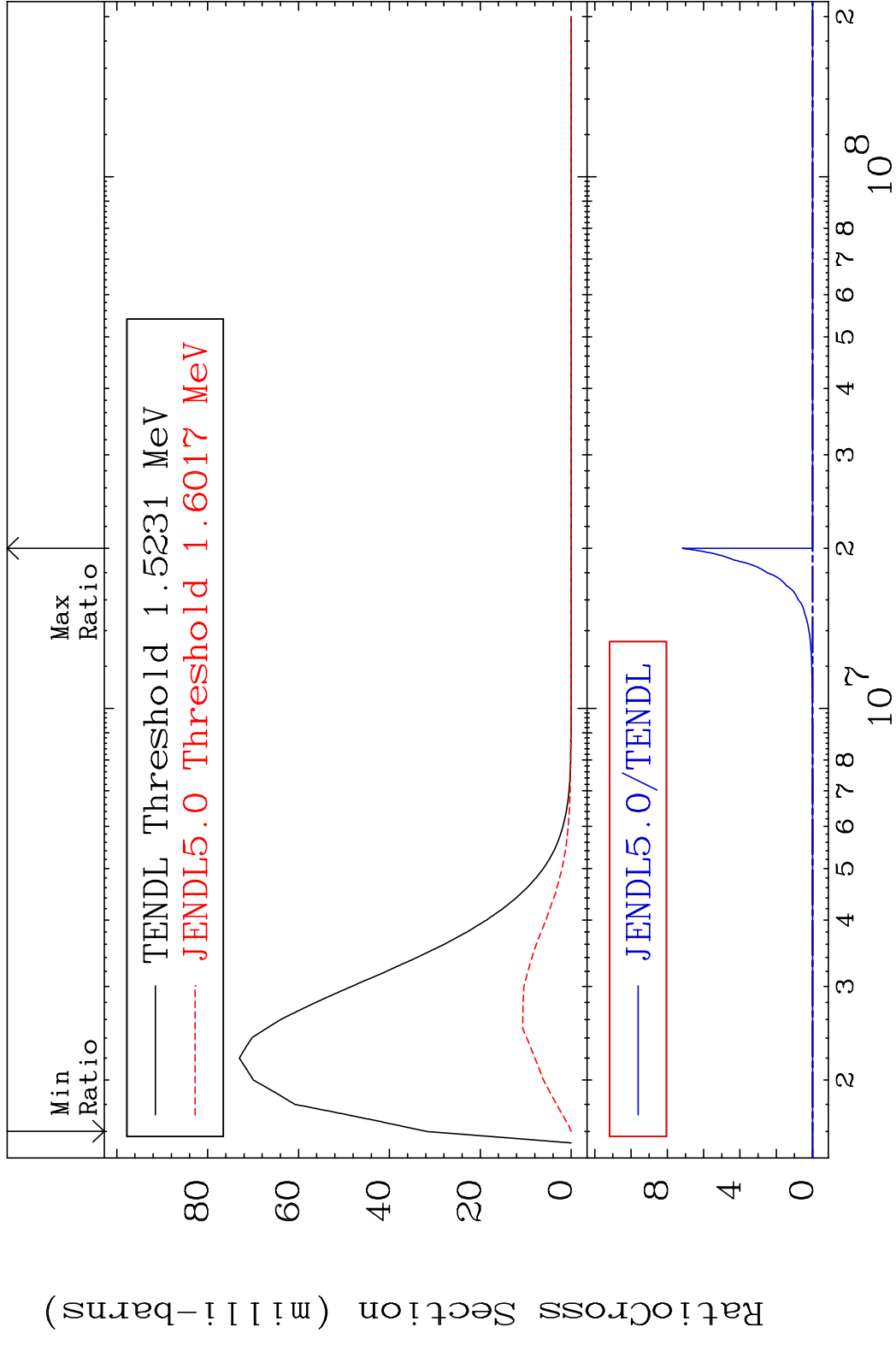
MAT 5040 MT= 62 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 0.000 %



MAT 5040 MT= 63 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

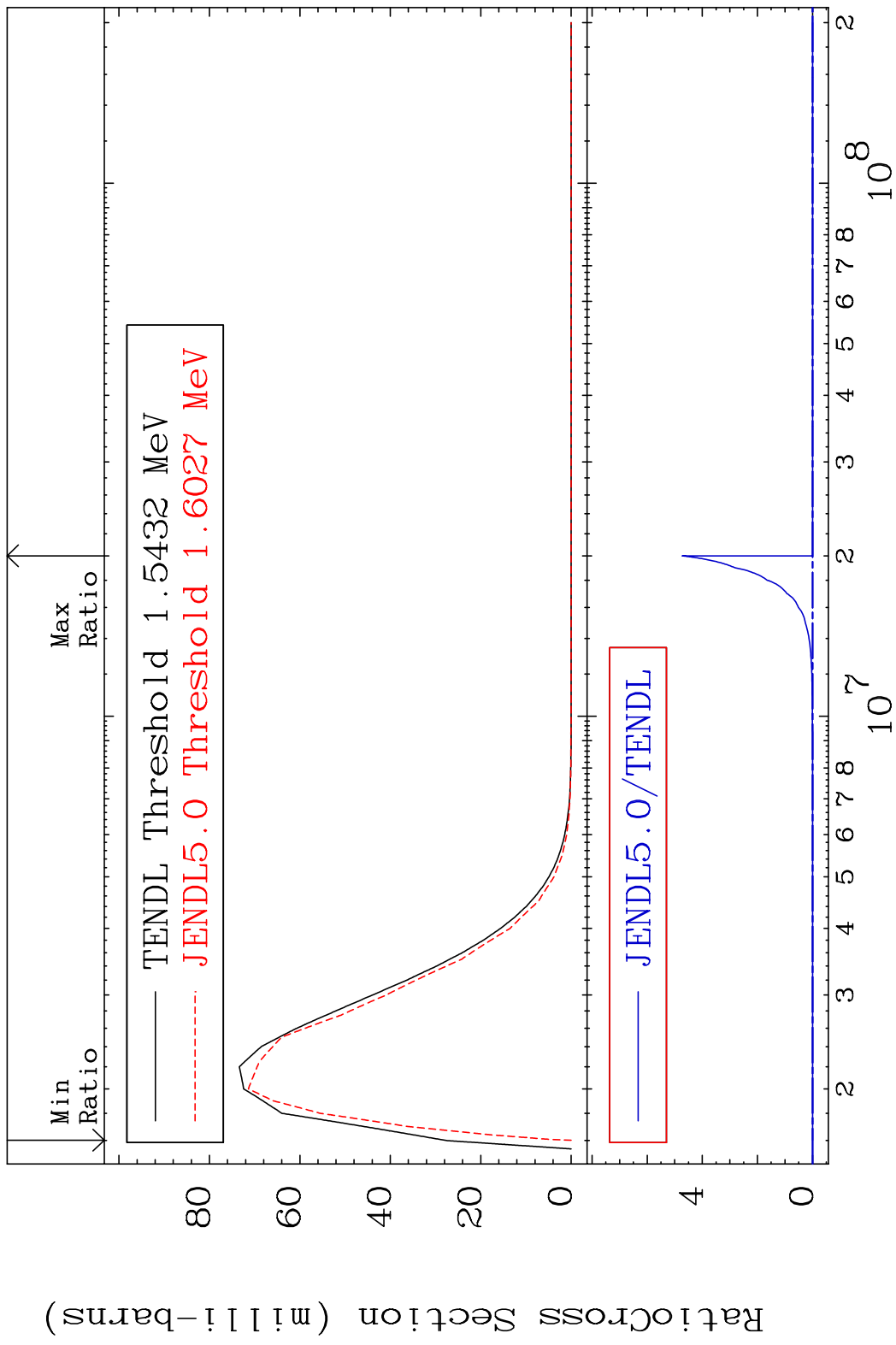


MAT 5040 MT= 64 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

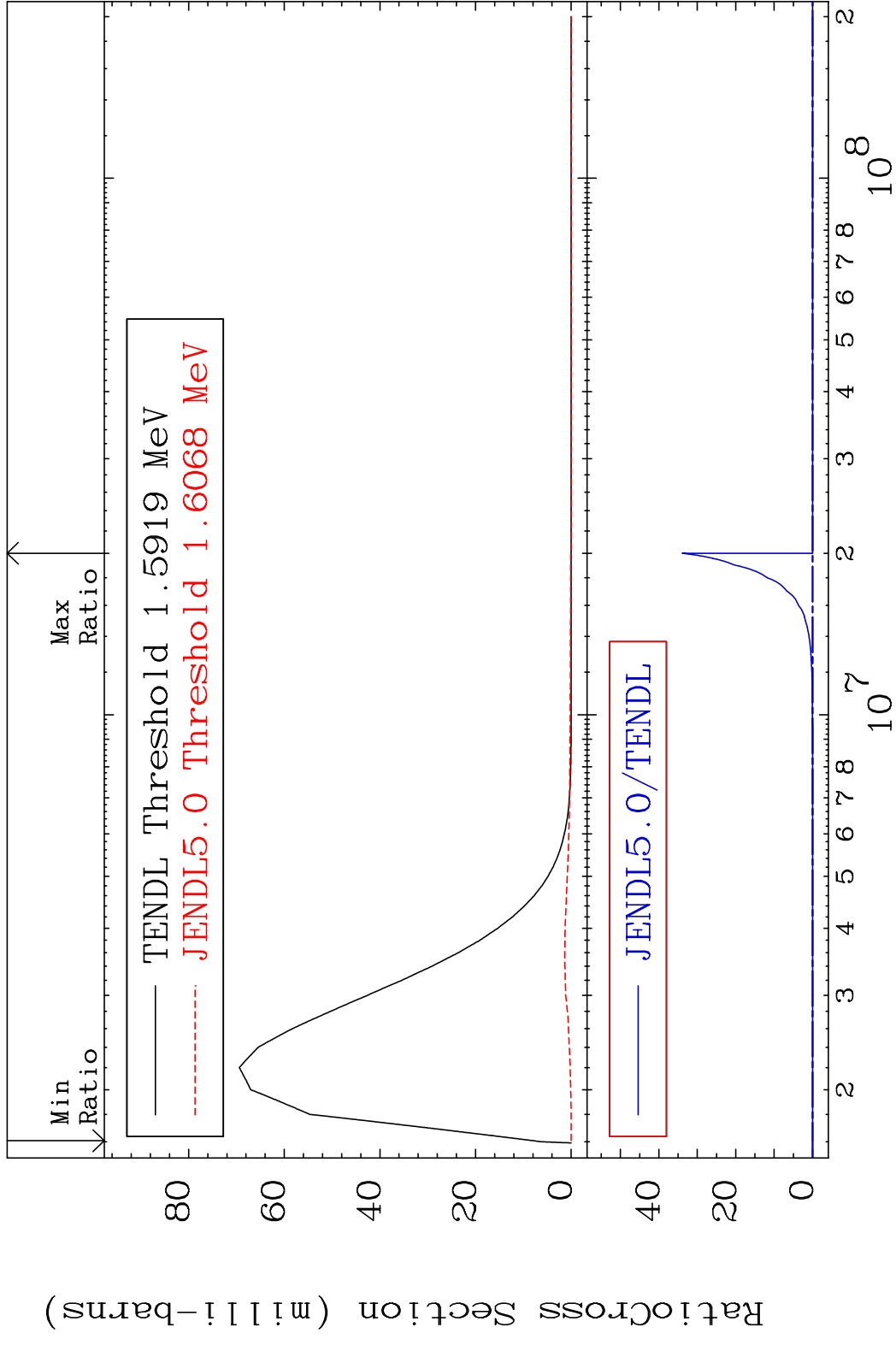


25 Incident Energy (eV) 50-Sn-117

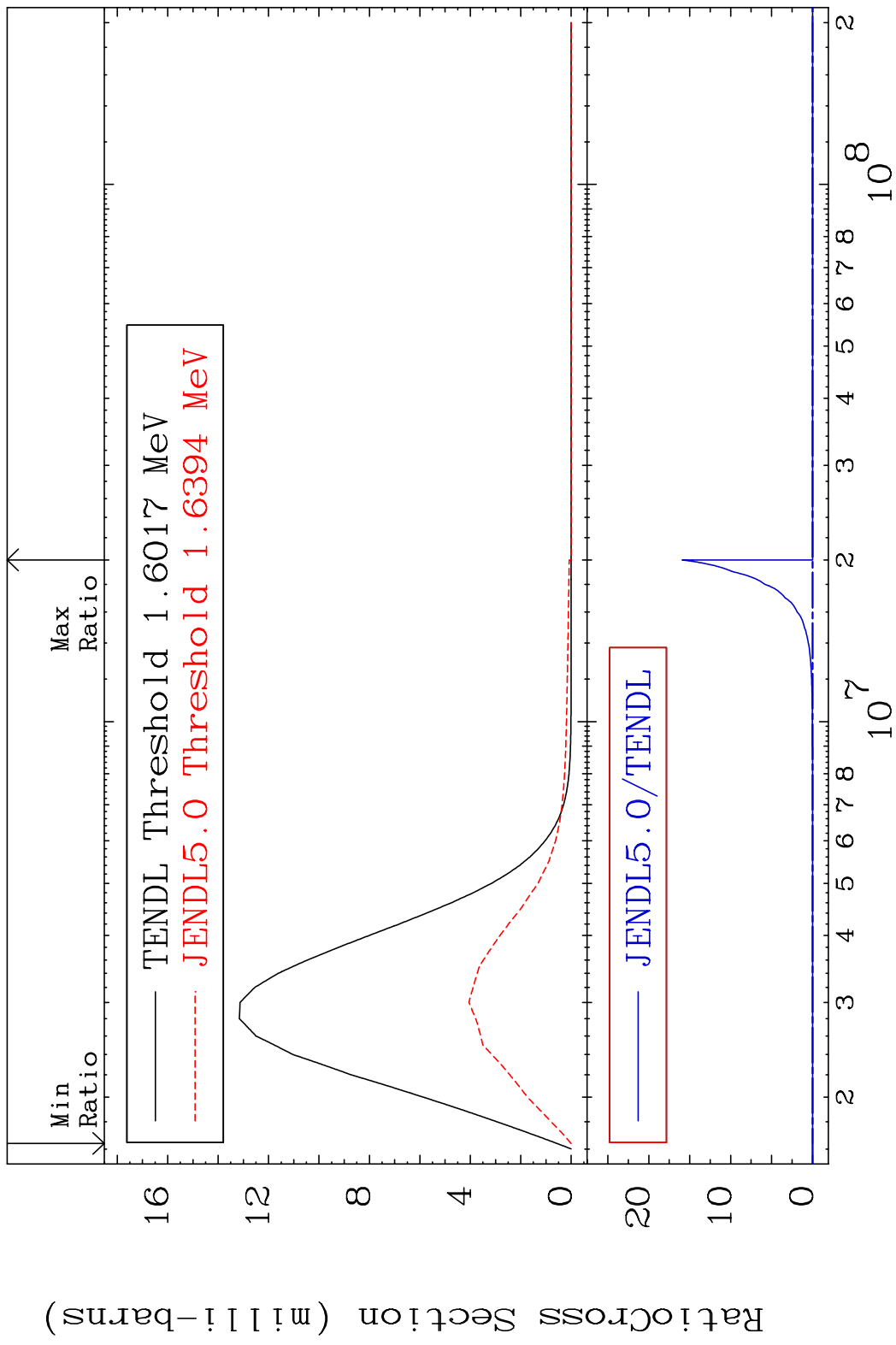
MAT 5040 MT= 65 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 MT= 66 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 MT= 67 (n, n') Level 50-Sn-117
 Cross Section -100.0 To 9999. %

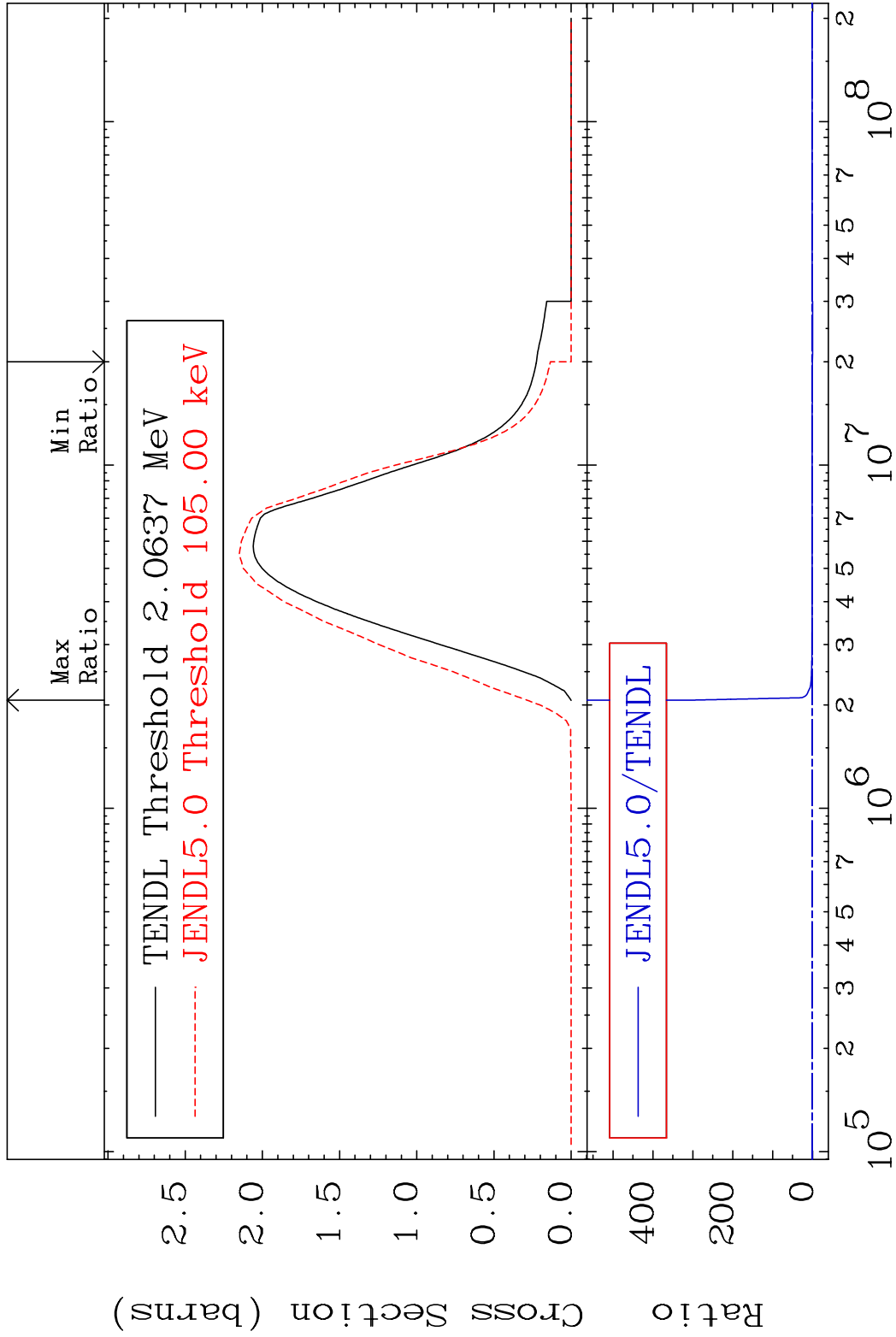


MAT 5040

(n, n') Continuum

50-Sn-117

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

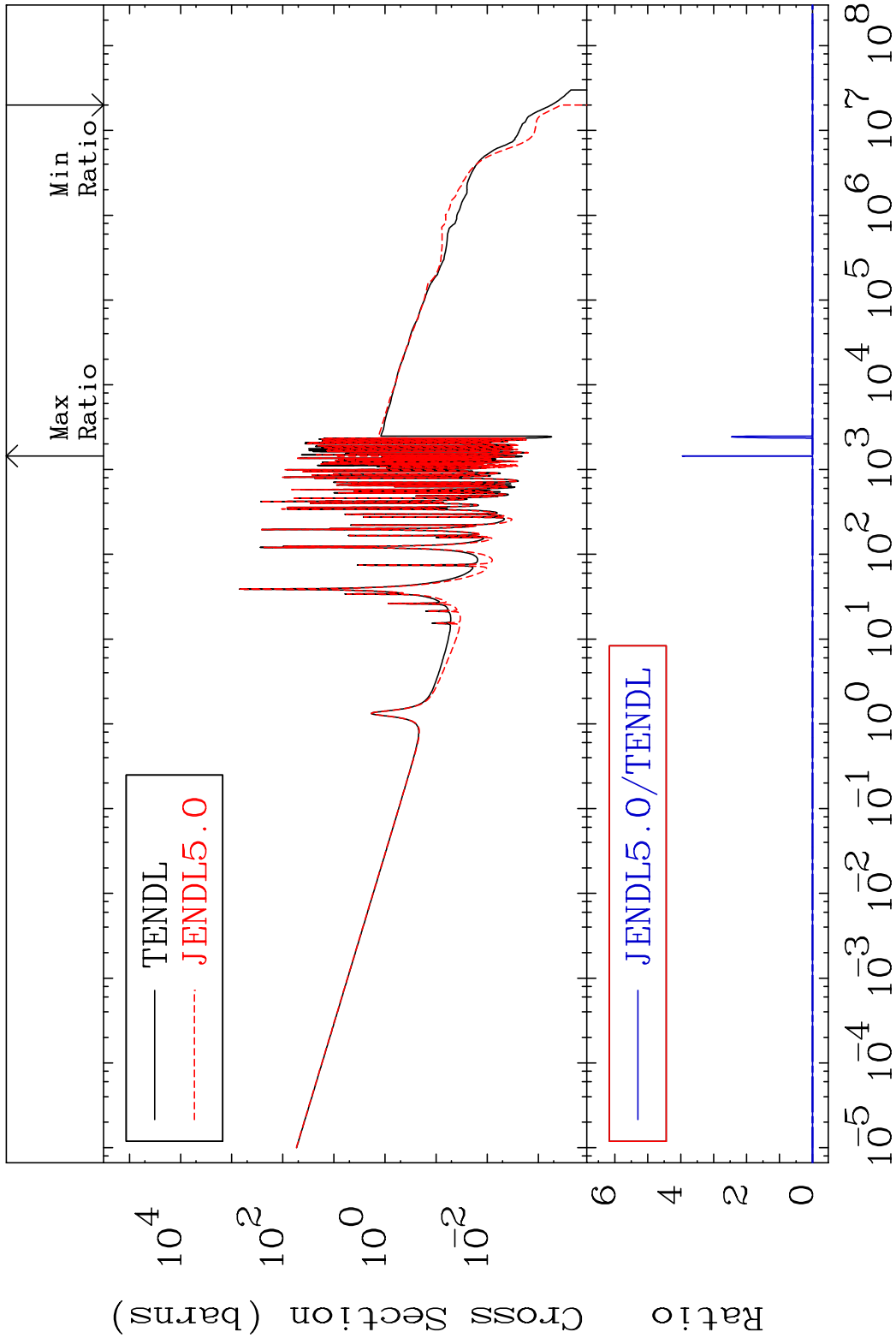
50-Sn-117

MAT 5040

(n, γ)

50-Sn-117

Cross Section -100.0 To 9999. %

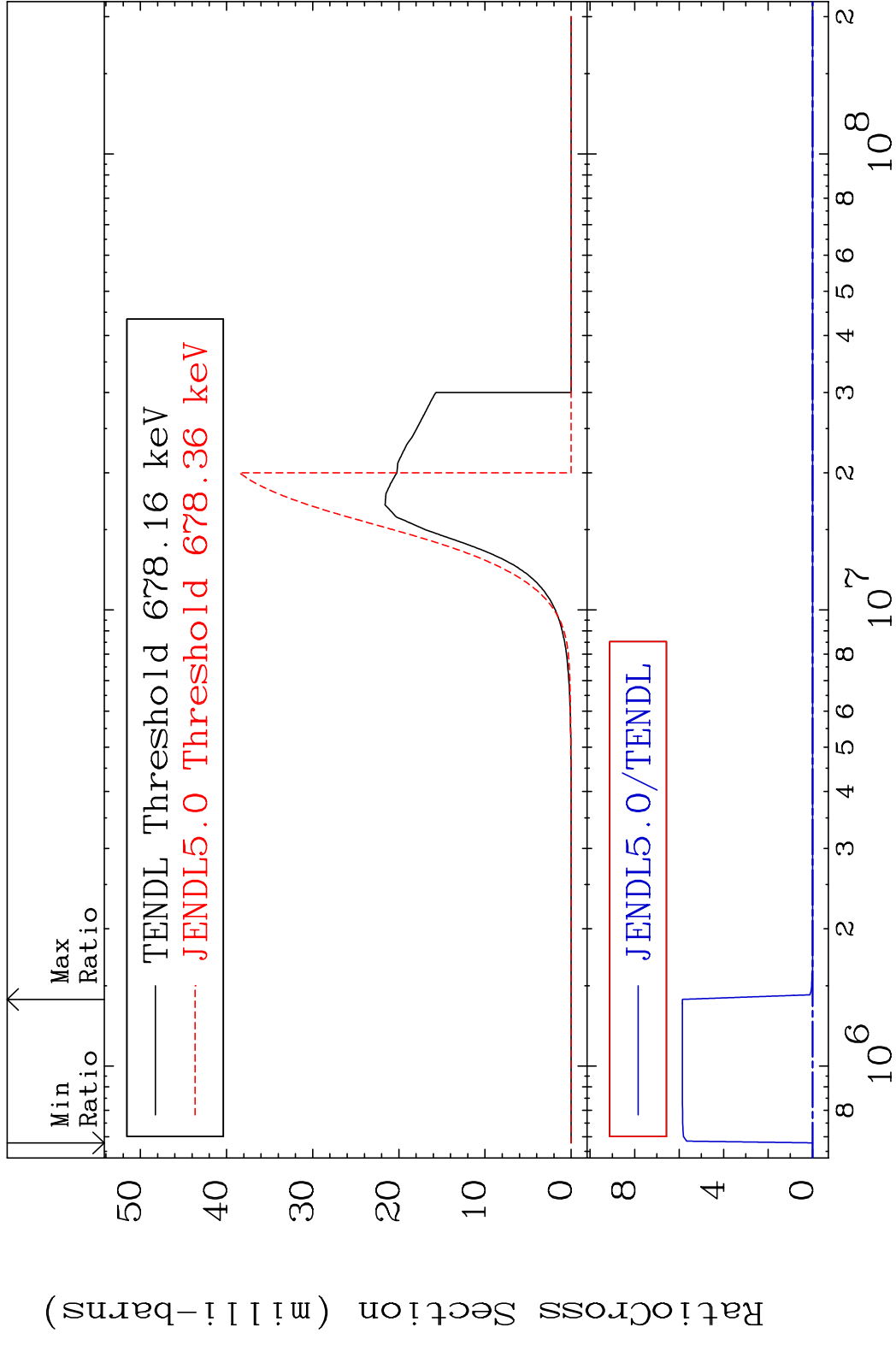


30

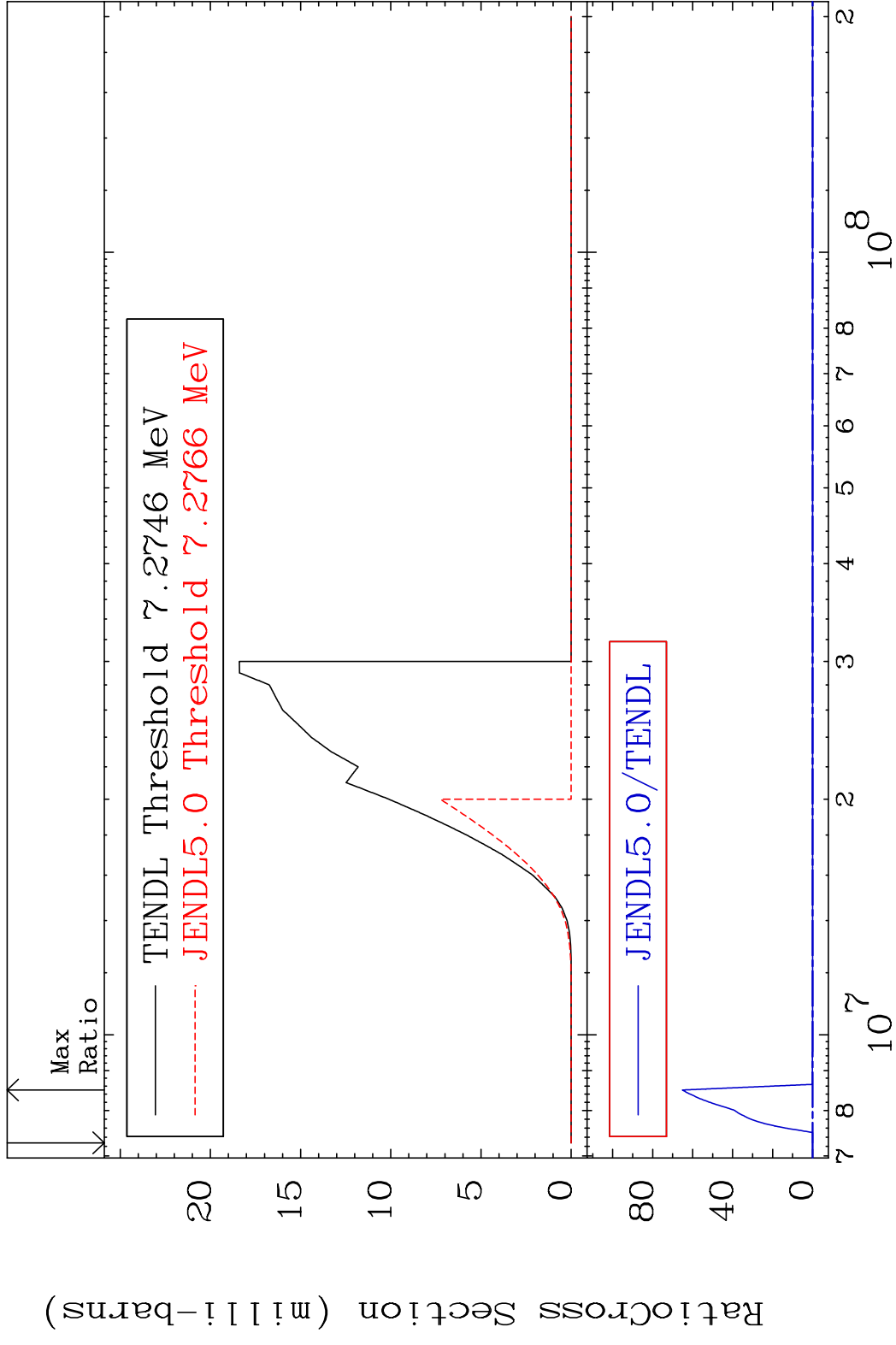
Incident Energy (eV)

50-Sn-117

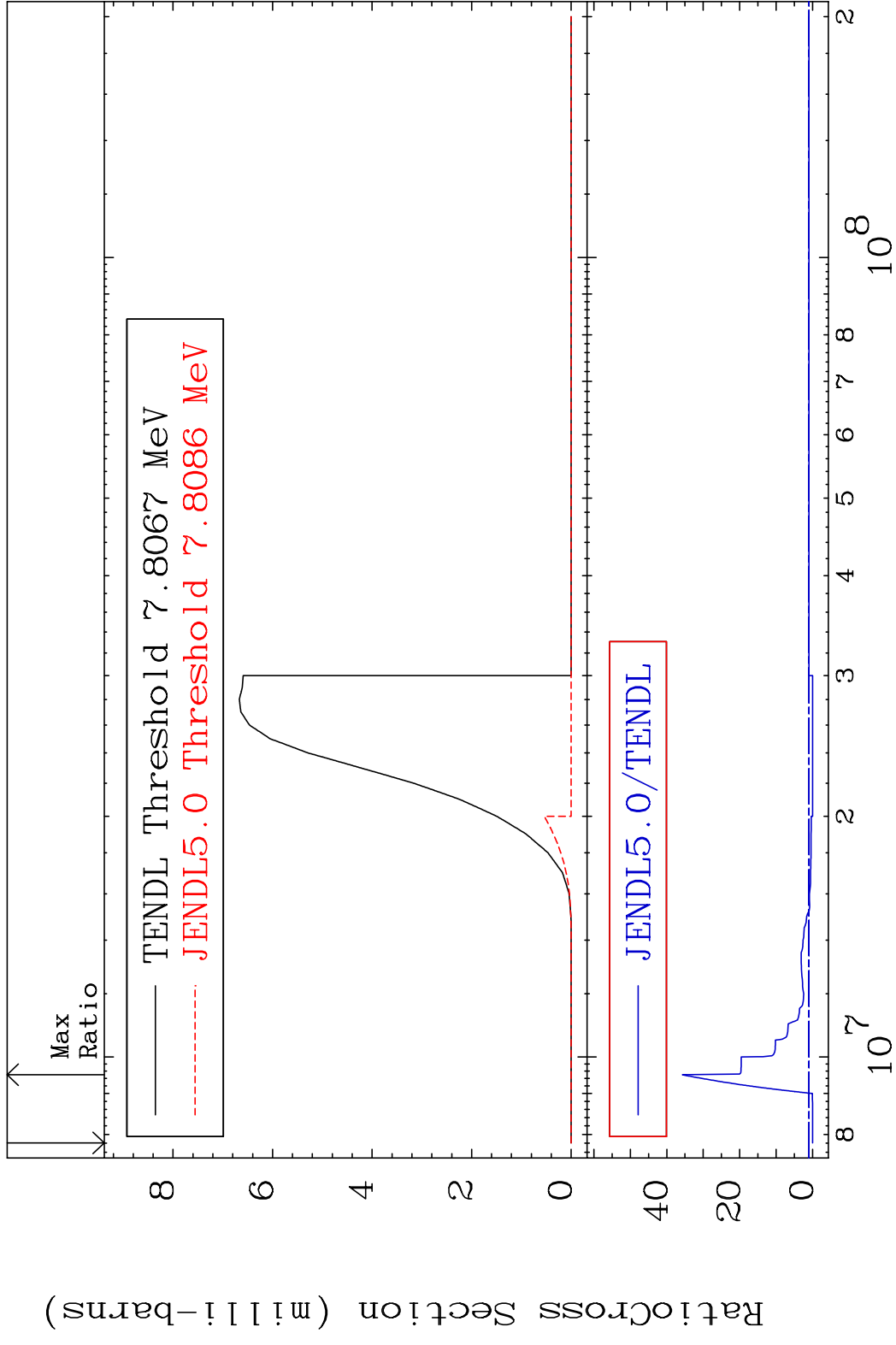
MAT 5040 (n,p) 50-Sn-117
 Cross Section -100.0 To 9999. %



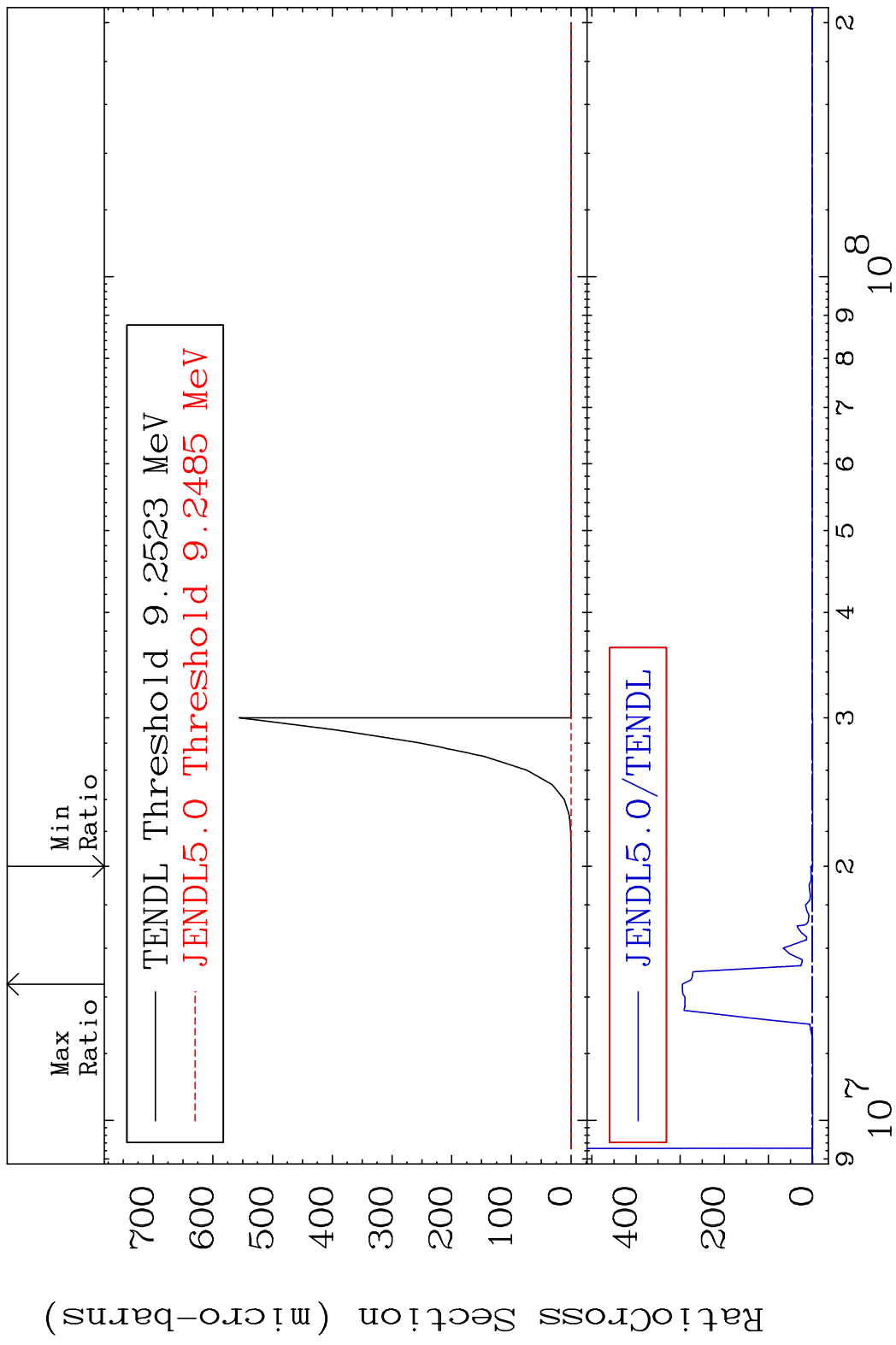
MAT 5040 (n,d) 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 (n, t) 50-Sn-117
 Cross Section -100.0 To 3473. %

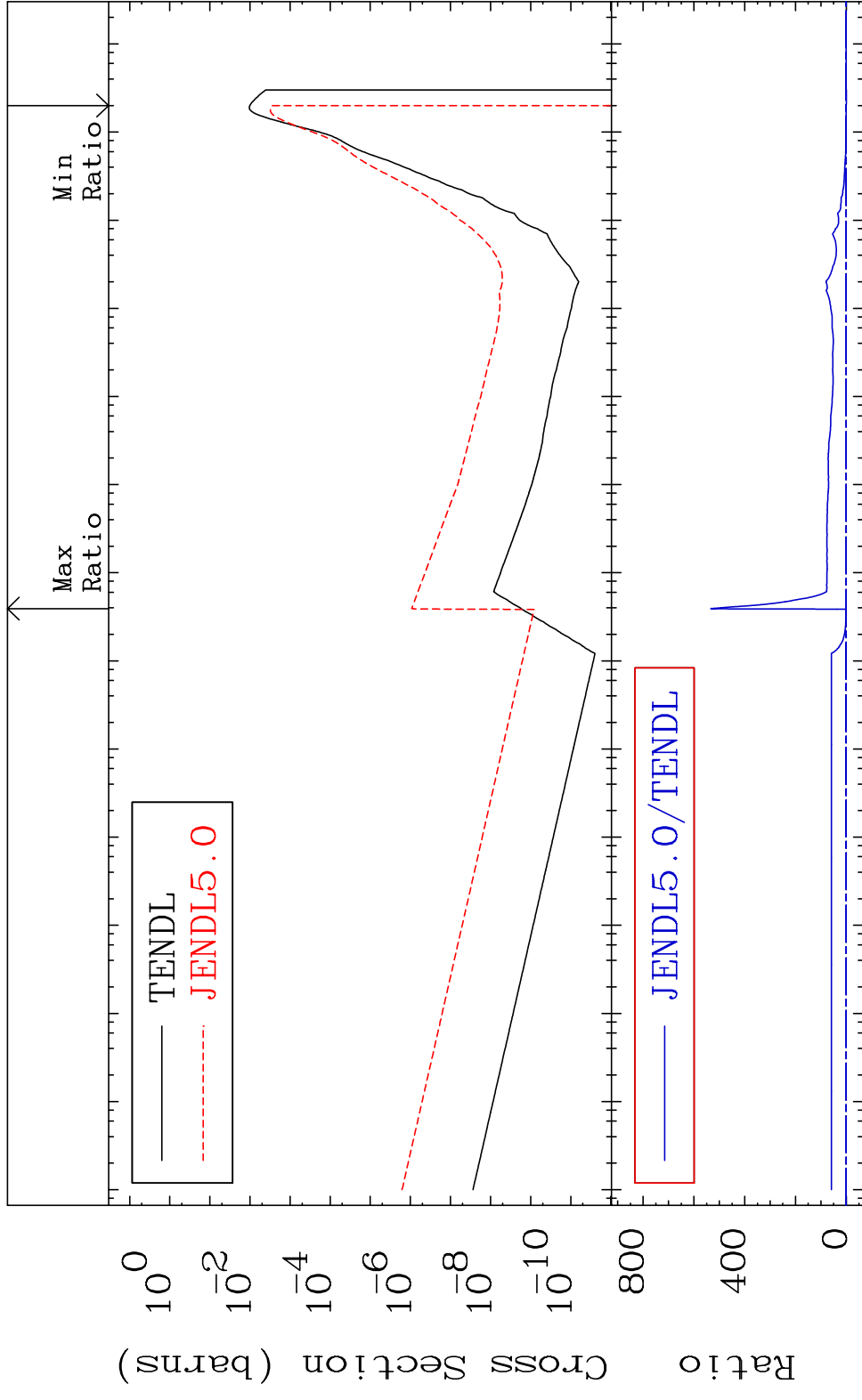


MAT 5040 (n, He-3) 50-Sn-117
 Cross Section -100.0 To 9999. %



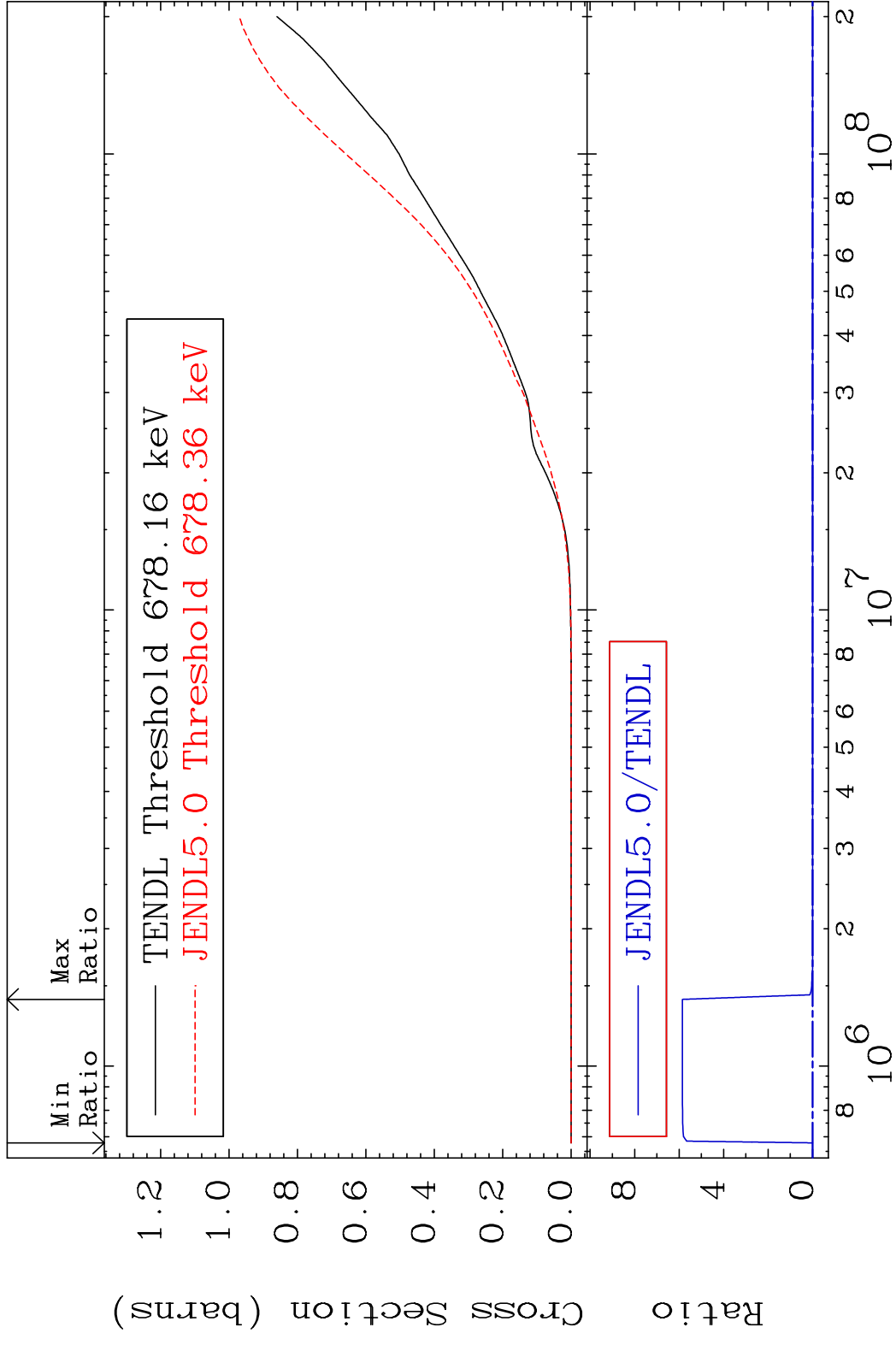
34 Incident Energy (eV) 50-Sn-117

MAT 5040 (n, α) 50-Sn-117
 Cross Section -100.0 To 9999. %

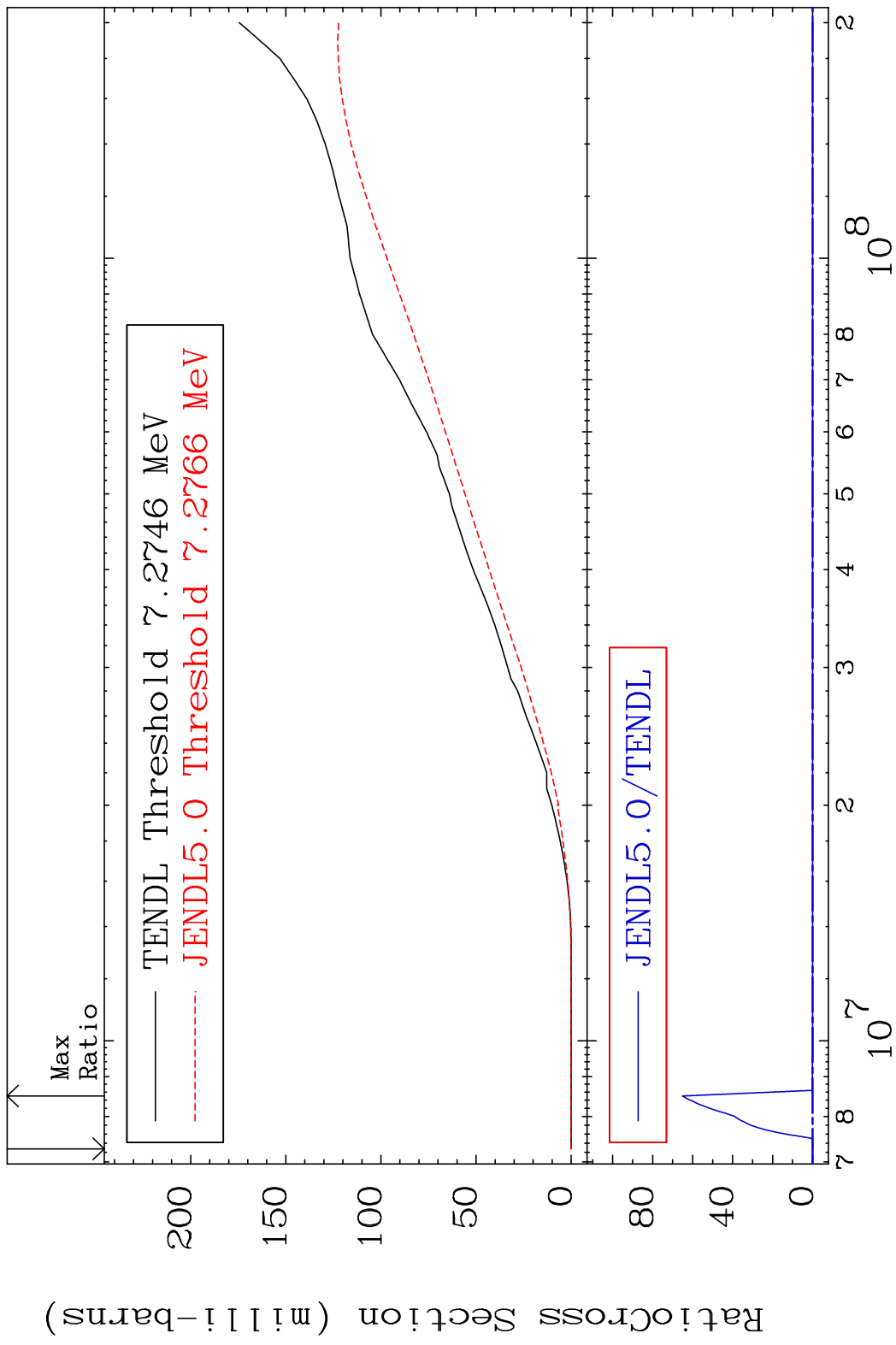


35 Incident Energy (eV) 50-Sn-117

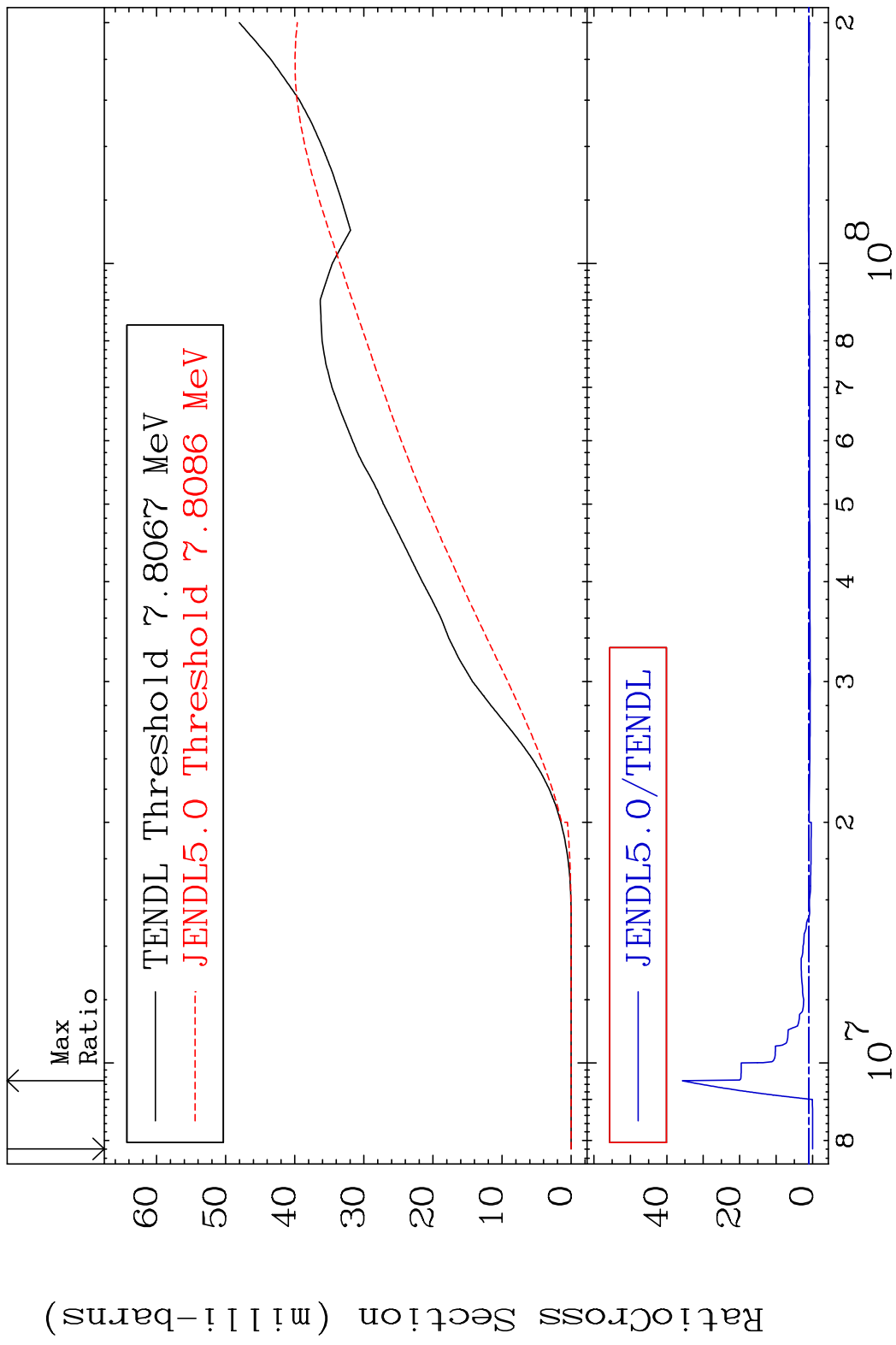
MAT 5040 Hydrogen Production 50-Sn-117
 Cross Section -100.0 To 9999. %



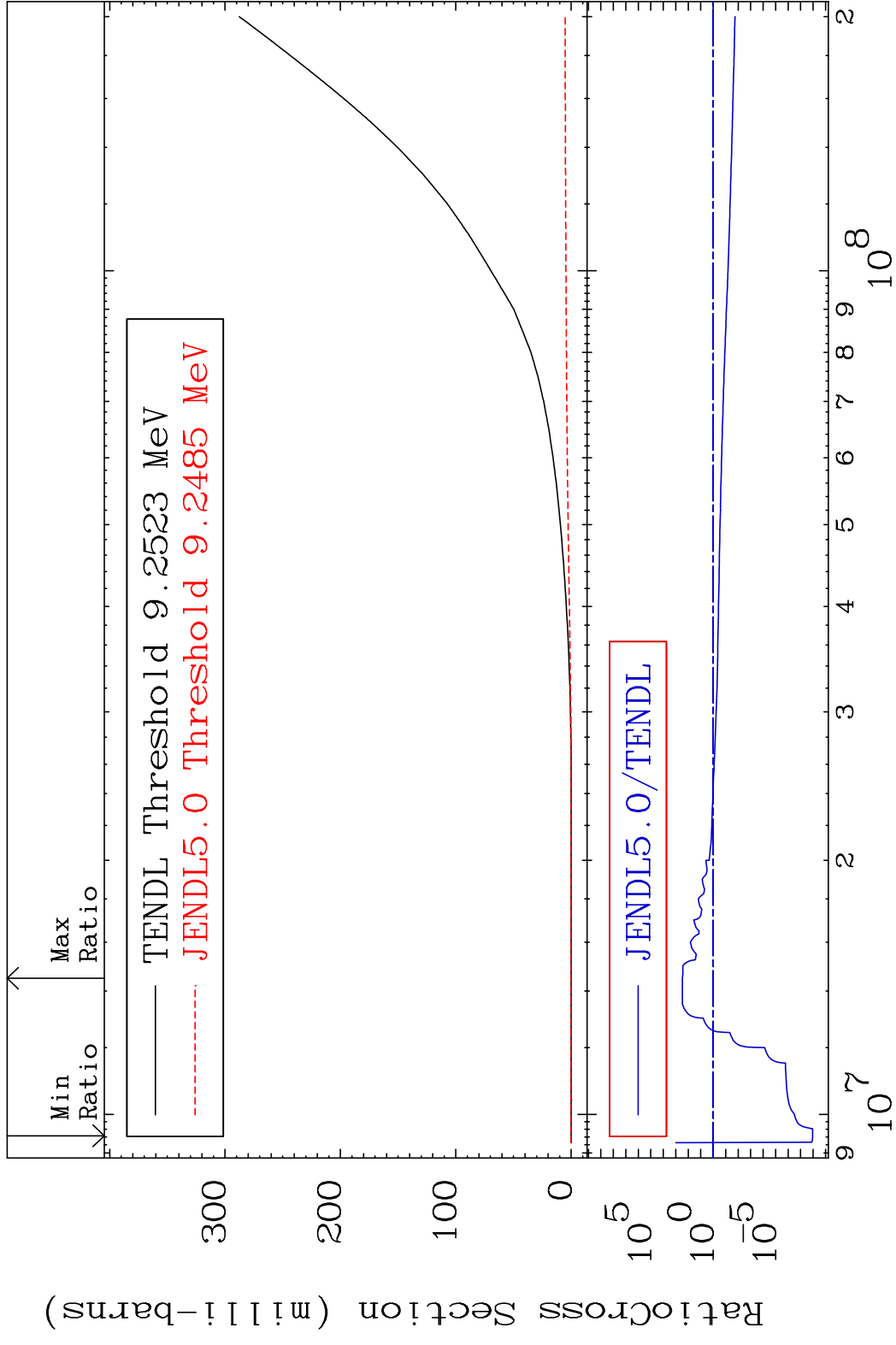
MAT 5040 Deuterium Production 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 Tritium Production 50-Sn-117
 Cross Section -100.0 To 3473. %

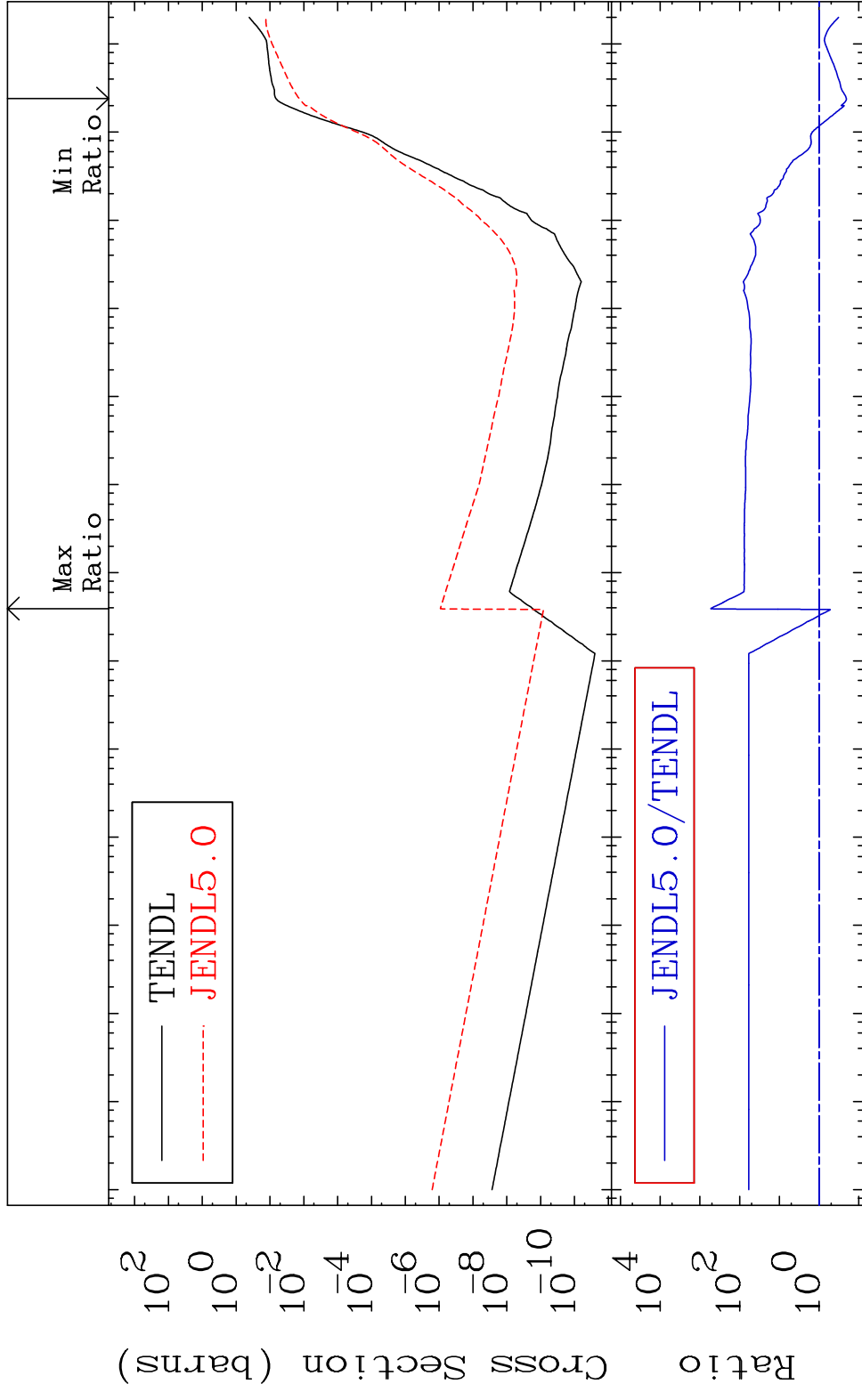


MAT 5040 He-3 Production 50-Sn-117
 Cross Section -100.0 To 9999. %



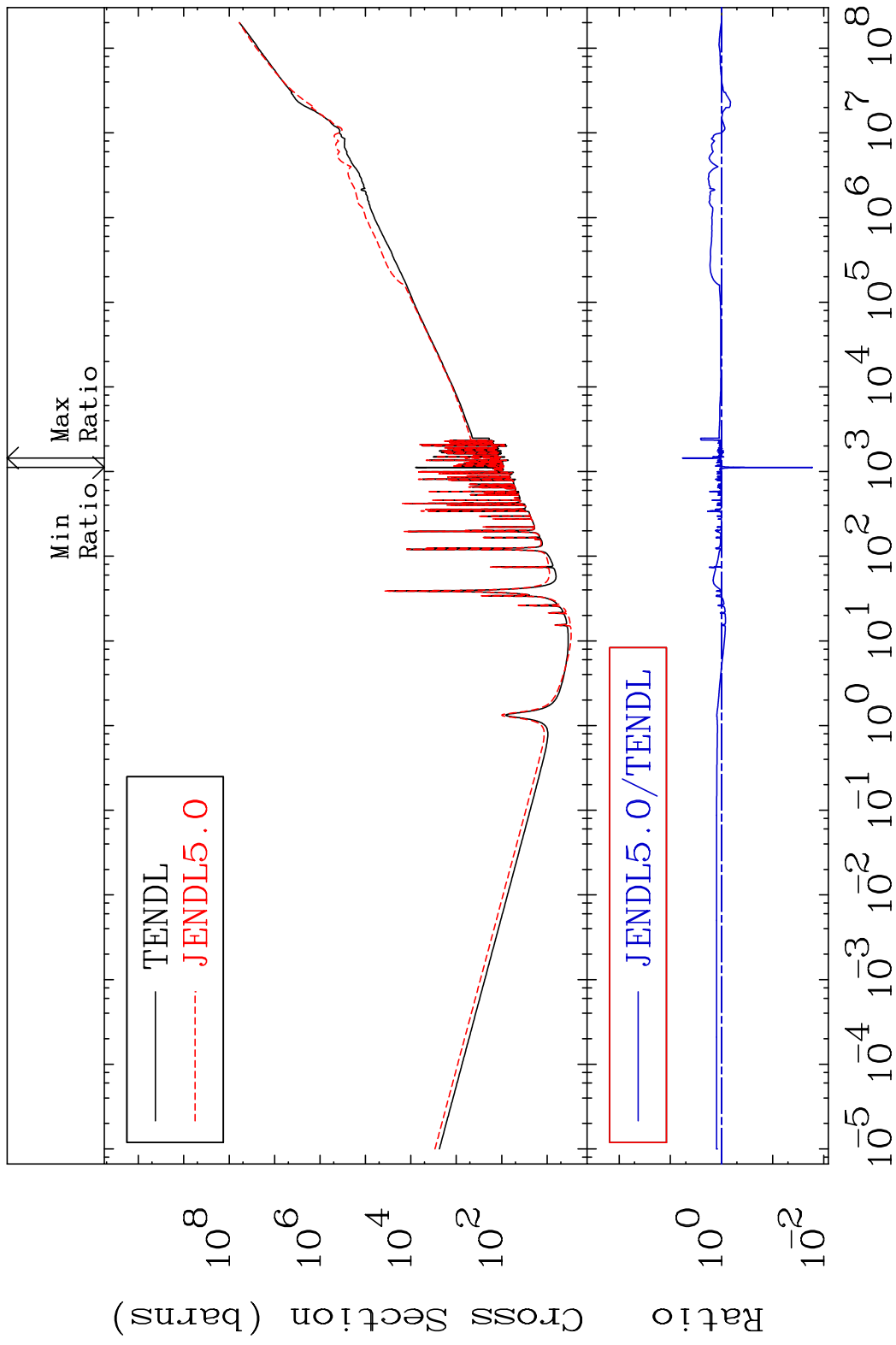
39 Incident Energy (eV) 50-Sn-117

MAT 5040 He-4 Production 50-Sn-117
 Cross Section -79.34 To 9999. %



40 Incident Energy (eV) 50-Sn-117

MAT 5040 Kerma total (eV-barns) 50-Sn-117
Cross Section -98.34 To 482.8 %



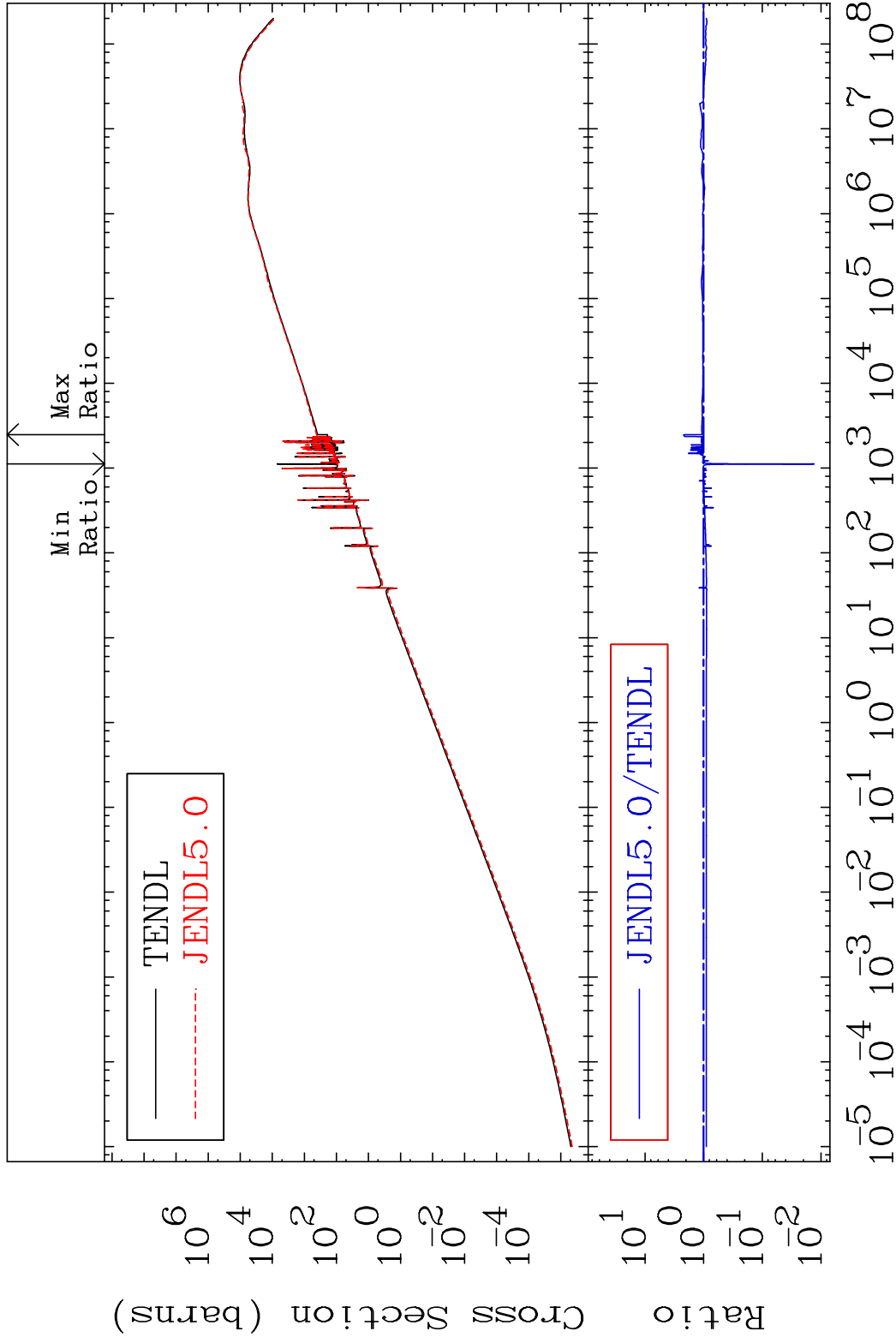
41 Incident Energy (eV) 50-Sn-117

MAT 5040

Kerma elastic

50-Sn-117

Cross Section -98.69 To 119.4 %

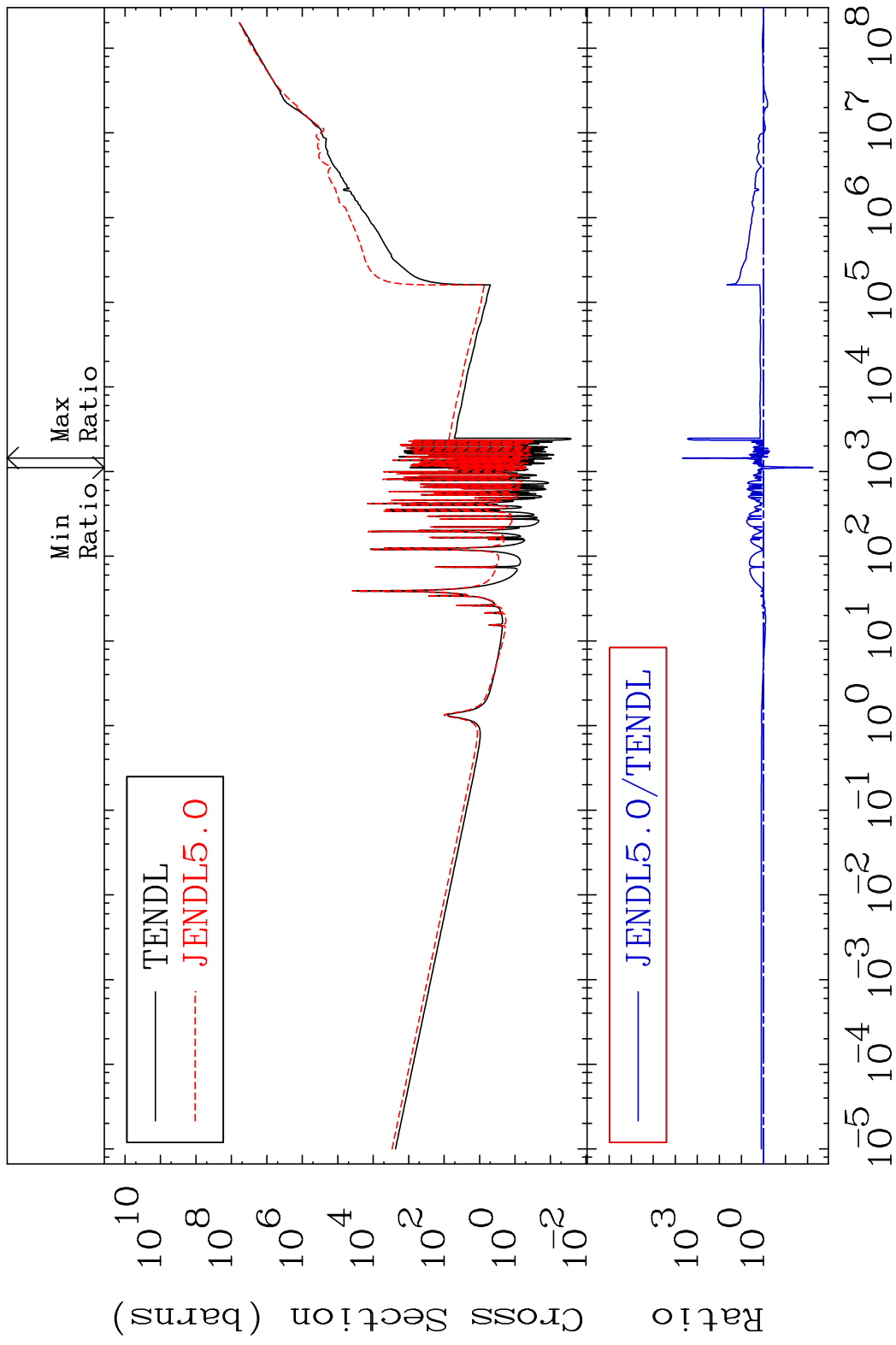


42

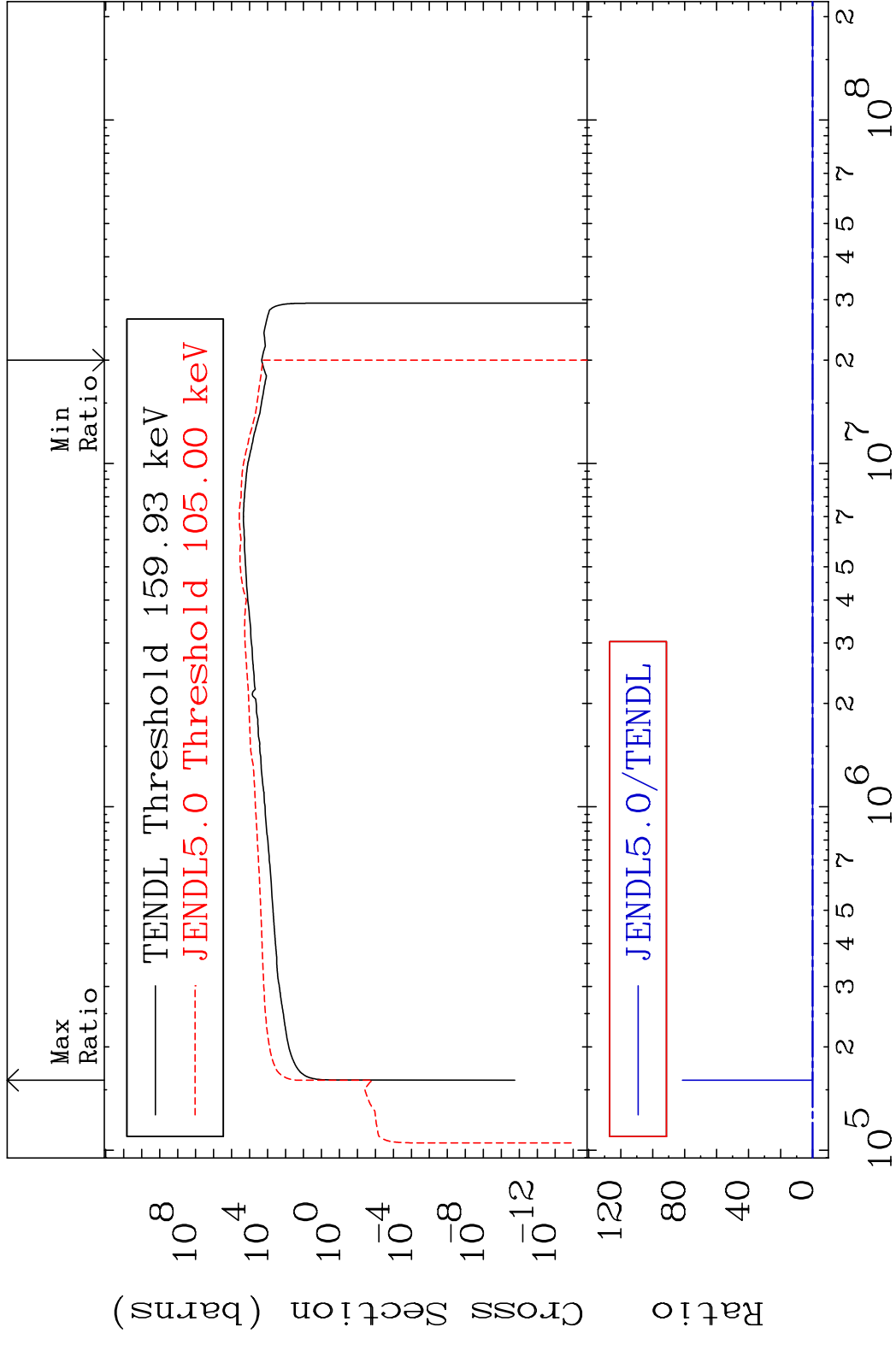
Incident Energy (eV)

50-Sn-117

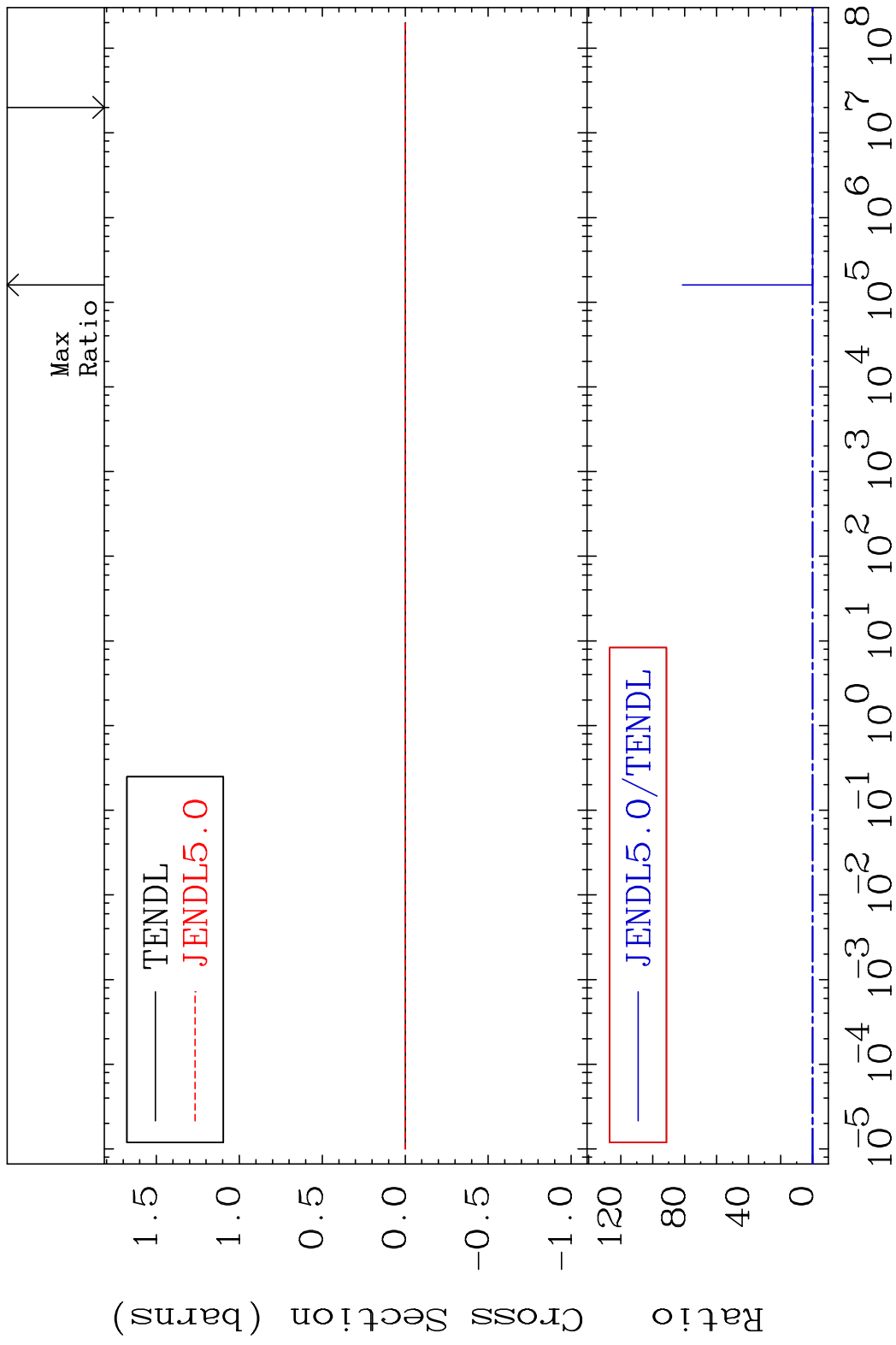
MAT 5040 Kerma non-elastic (all but mt2) 50-Sn-117
 Cross Section -99.41 To 9999. %



MAT 5040 Kerma inelastic (mt51-91) 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-117
 Cross Section -100.0 To 9999. %

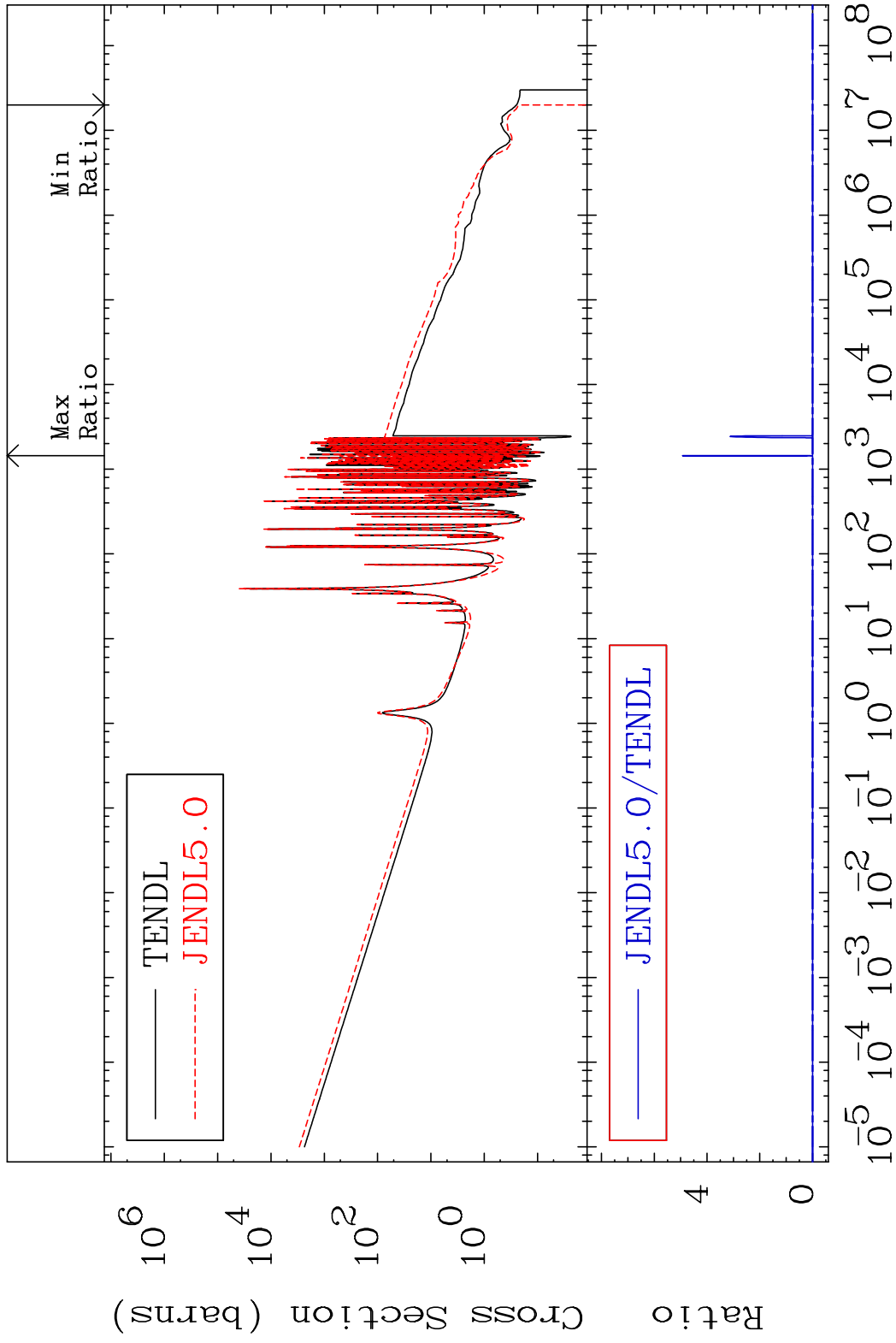


MAT 5040

Kerma capture (mt102)

50-Sn-117

Cross Section -100.0 To 9999. %

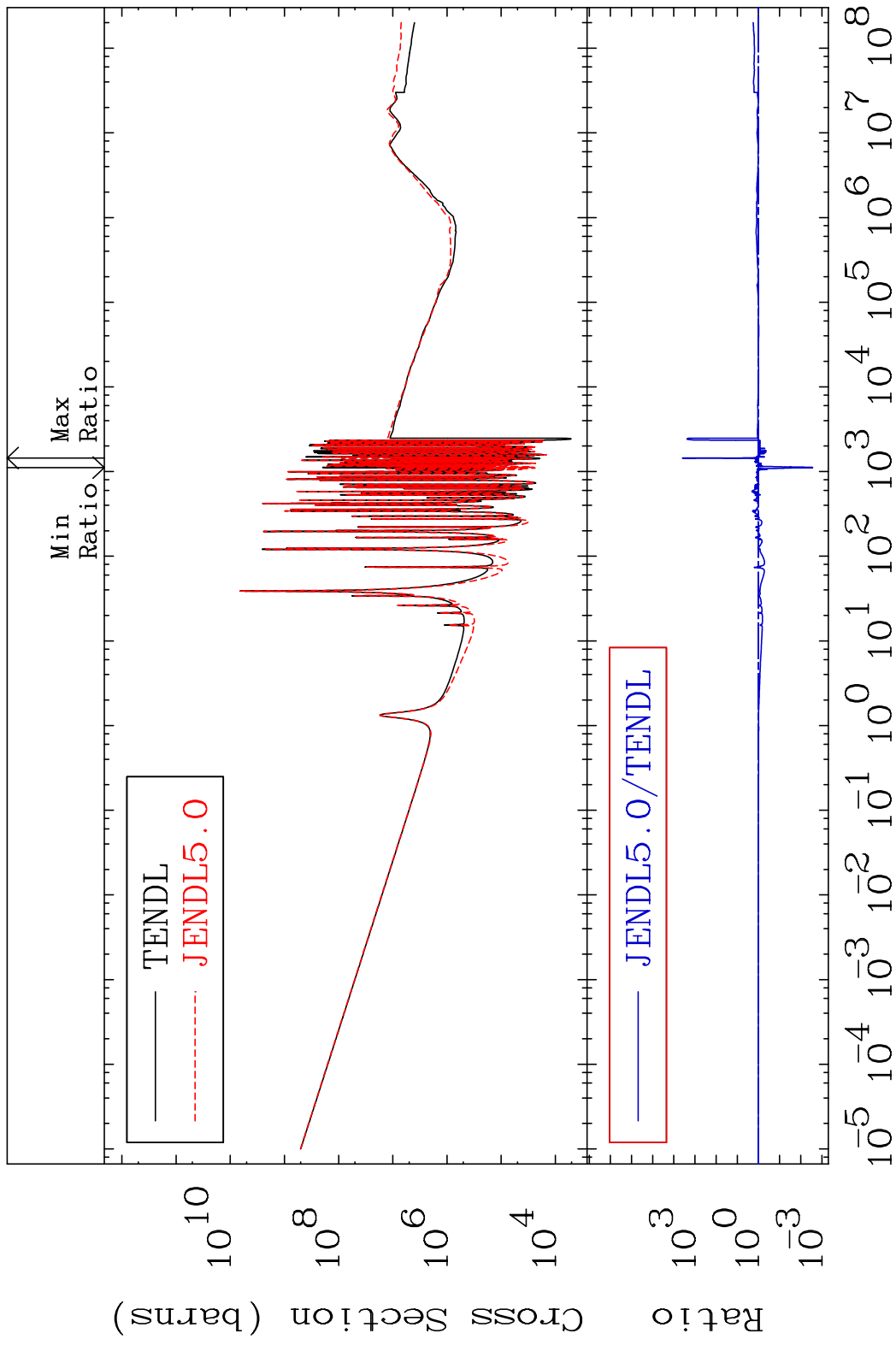


46

Incident Energy (eV)

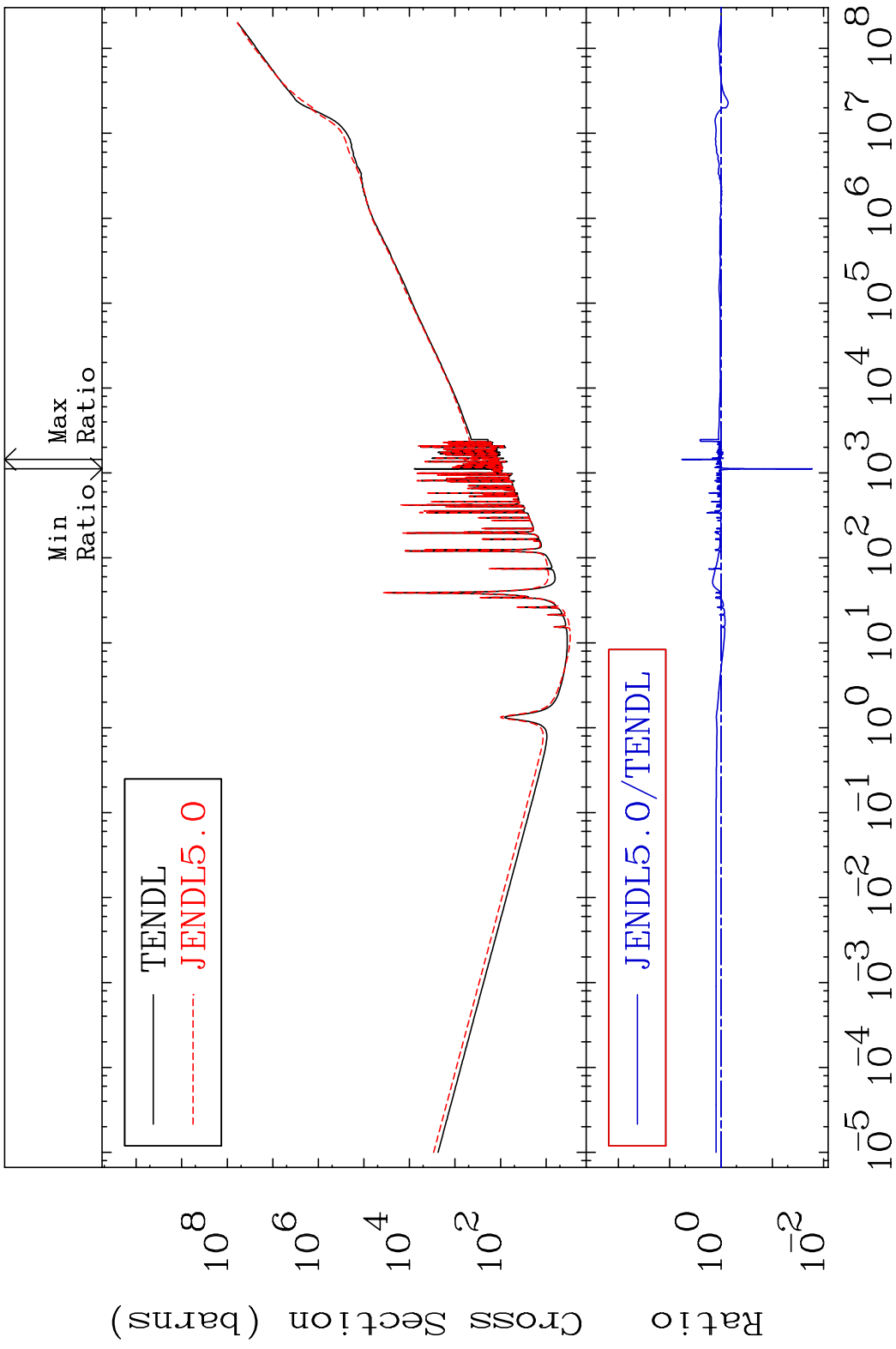
50-Sn-117

MAT 5040 Total photon (eV-barns) 50-Sn-117
Cross Section -99.72 To 9999. %



47 Incident Energy (eV) 50-Sn-117

MAT 5040 Total kinematic kerma (high limit) 50-Sn-117
Cross Section -98.34 To 482.8 %

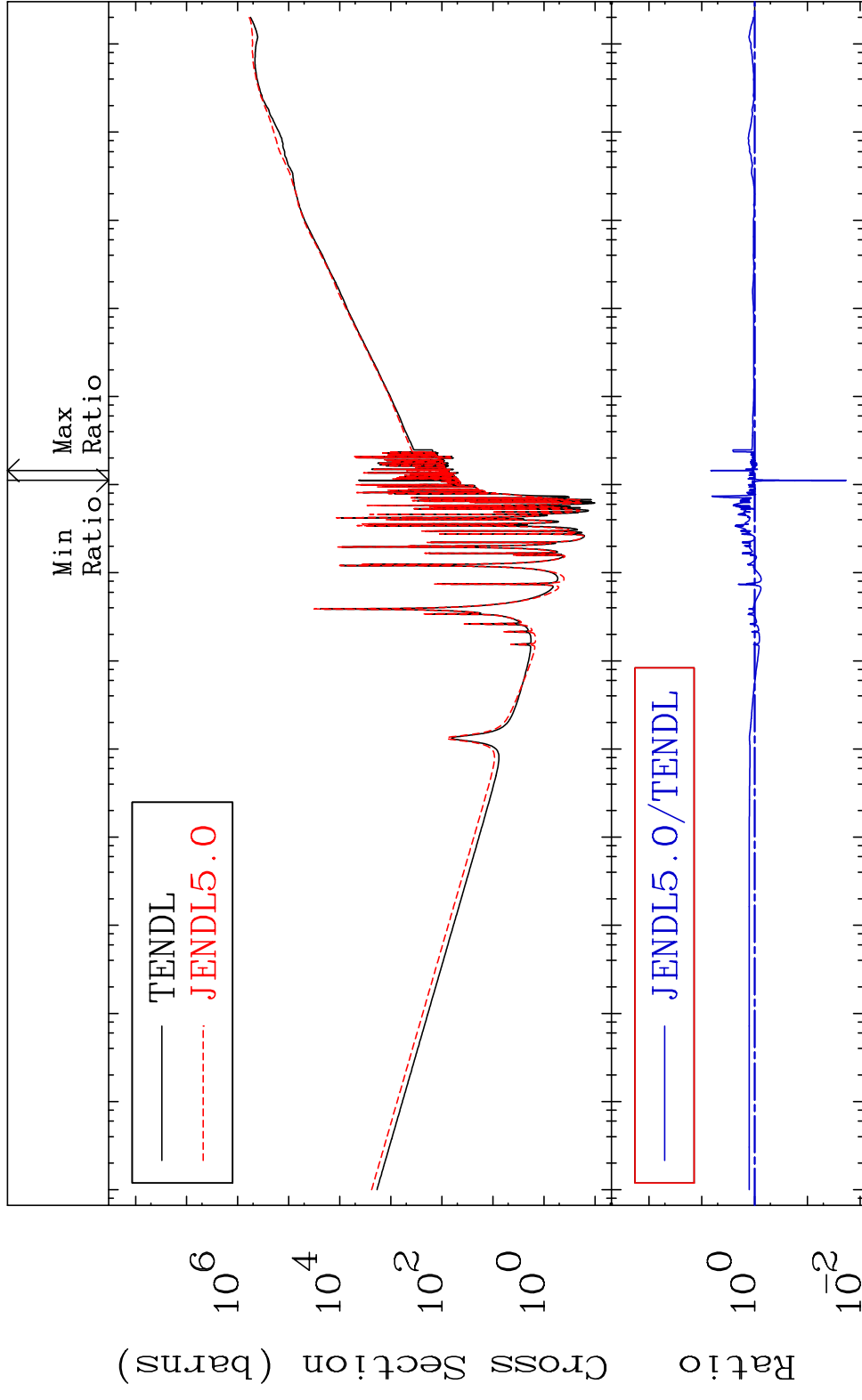


MAT 5040

Dpa total (eV-barns)

50-Sn-117

Cross Section -98.17 To 578.4 %



49

Incident Energy (eV)

50-Sn-117

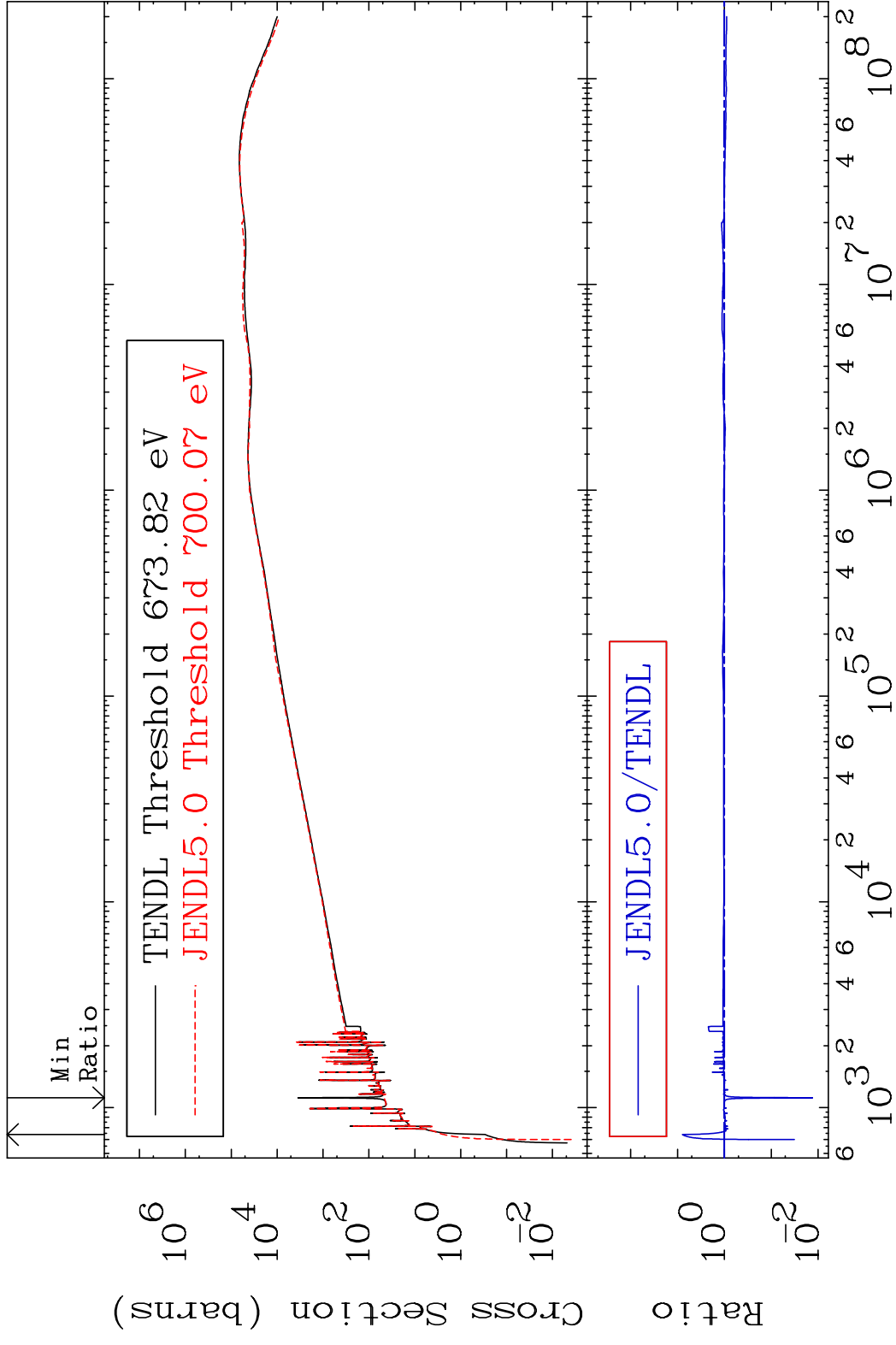
MAT 5040

Dpa elastic (mt2)

50-Sn-117

Cross Section

-98.69 To 689.2 %

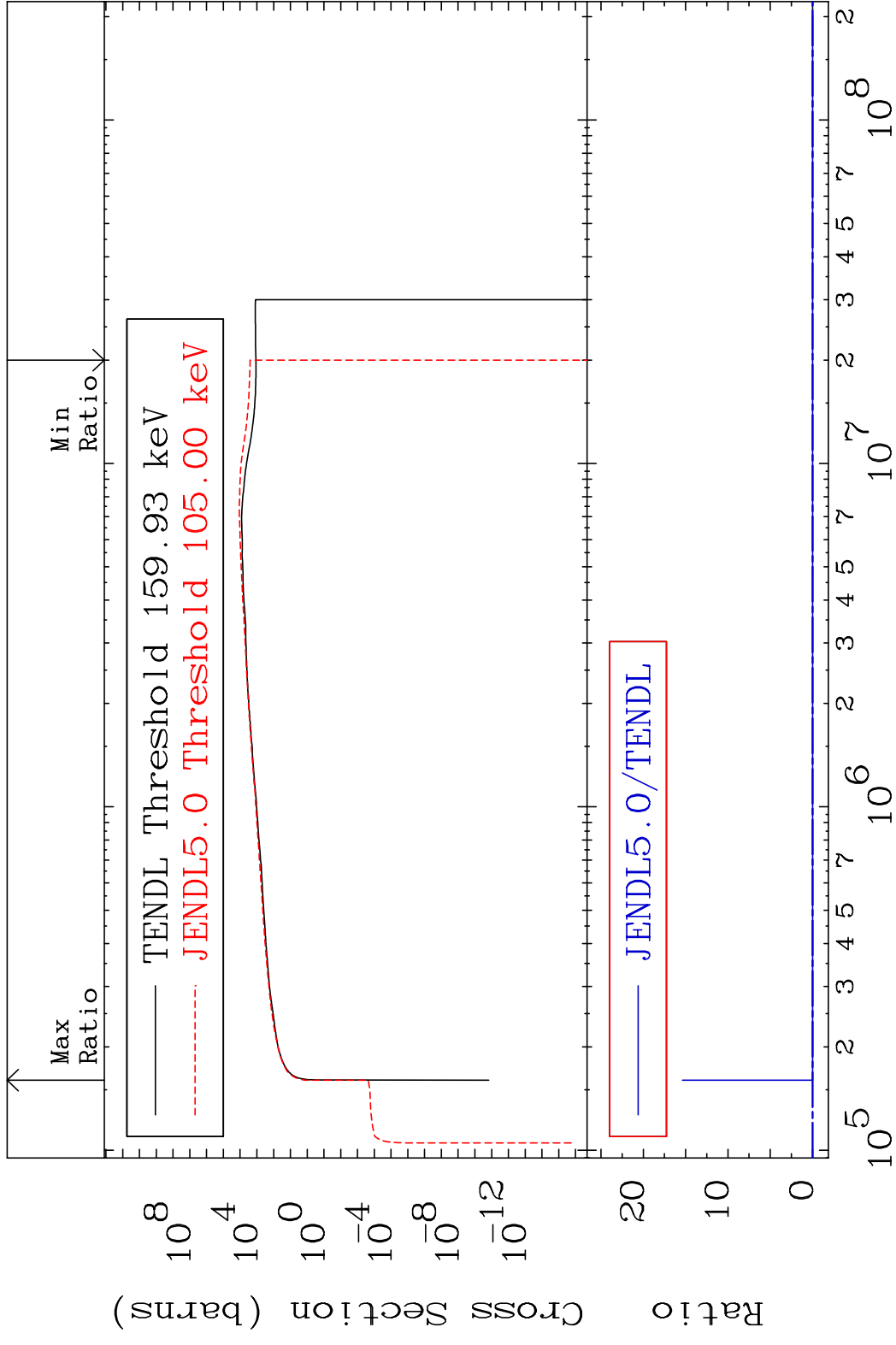


50

Incident Energy (eV)

50-Sn-117

MAT 5040 Dpa inelastic (mt51-91) 50-Sn-117
 Cross Section -100.0 To 9999. %



MAT 5040 Dpa disappearance (mt102 -120) 50-Sn-117
 Cross Section -100.0 To 9999. %

