

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

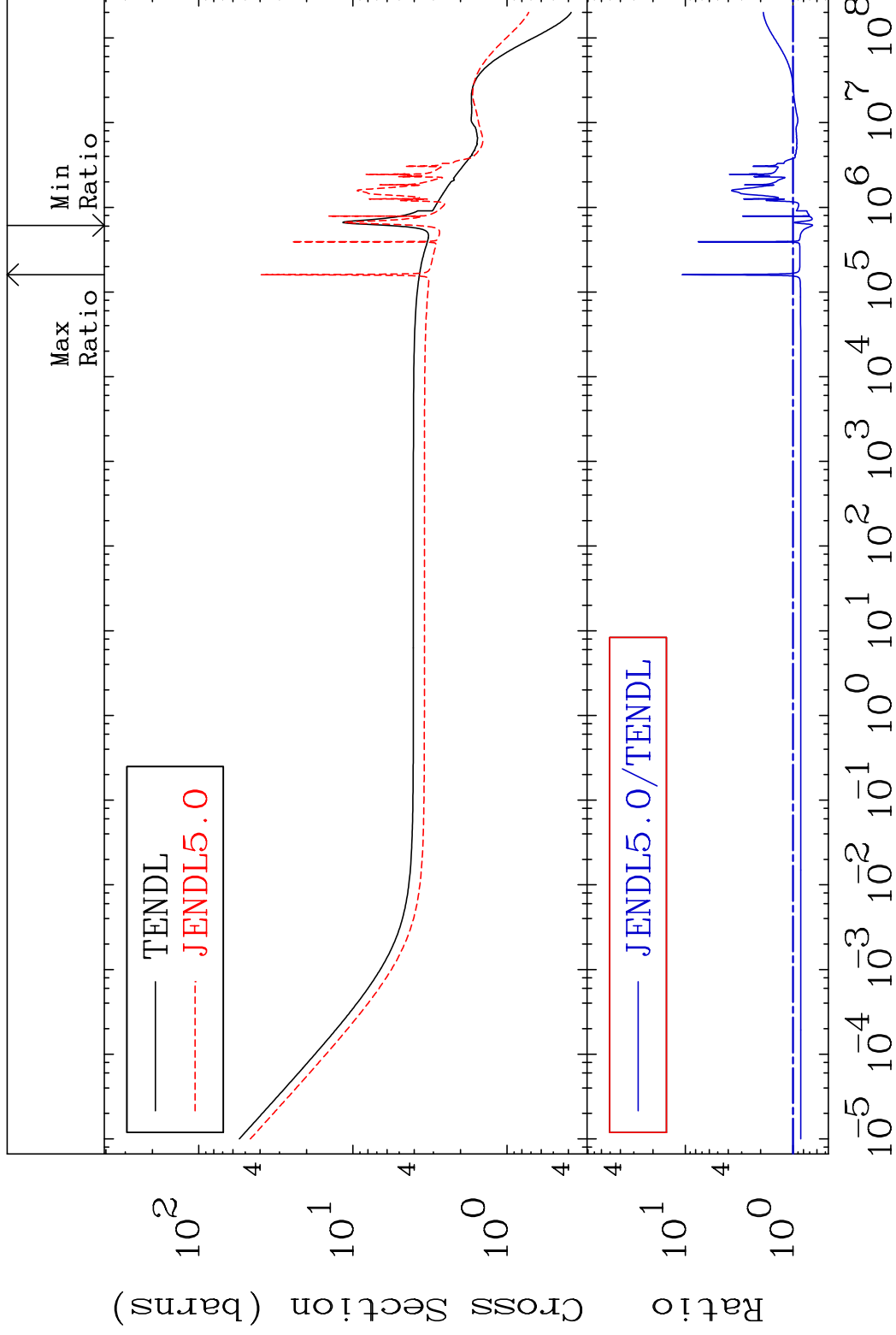
MAT 831

Total

8-0 -18

Cross Section

-34.15 To 964.7 %



1

Incident Energy (eV)

8-0 -18

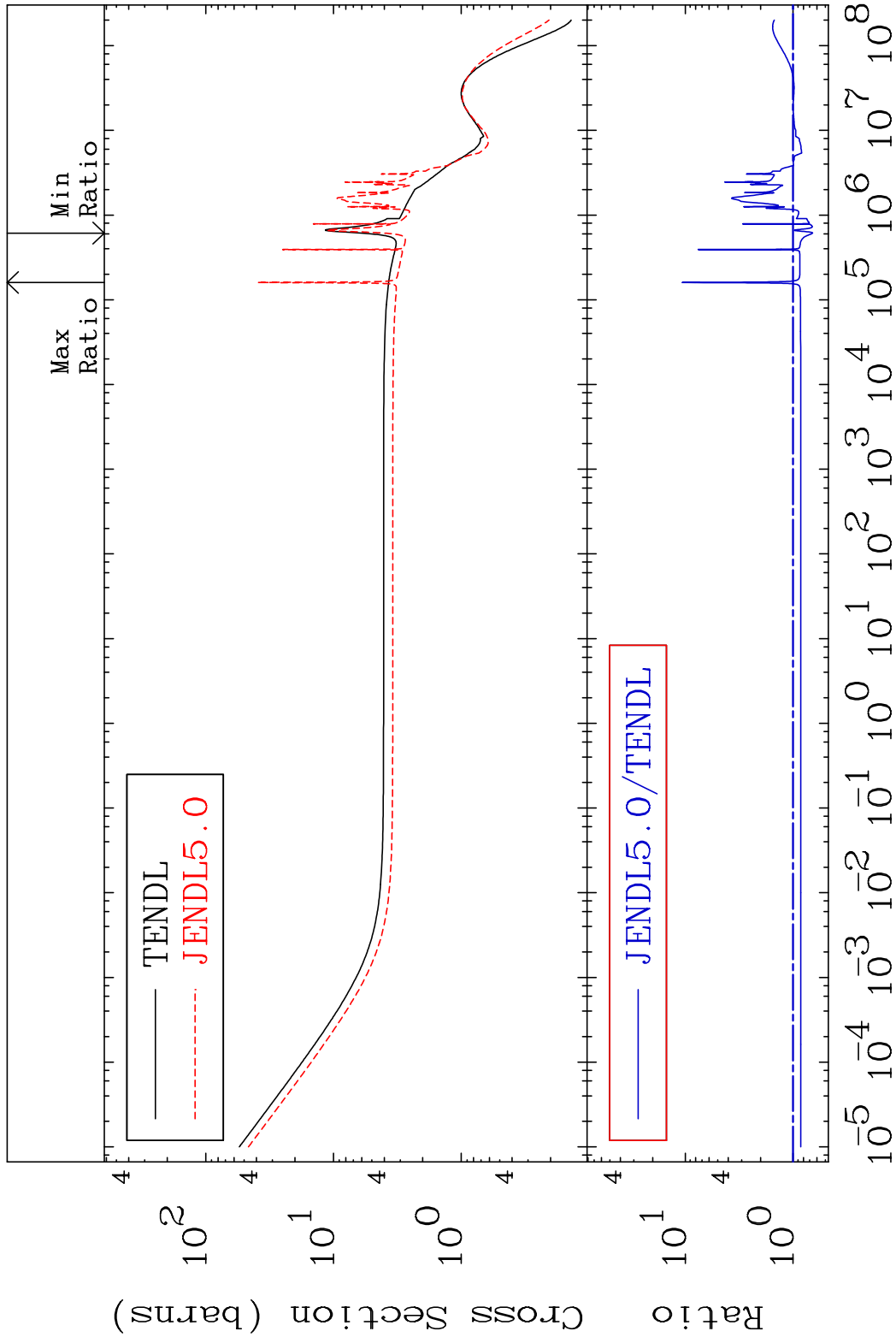
MAT 831

Elastic

8-0 -18

Cross Section

-34.15 To 964.1 %

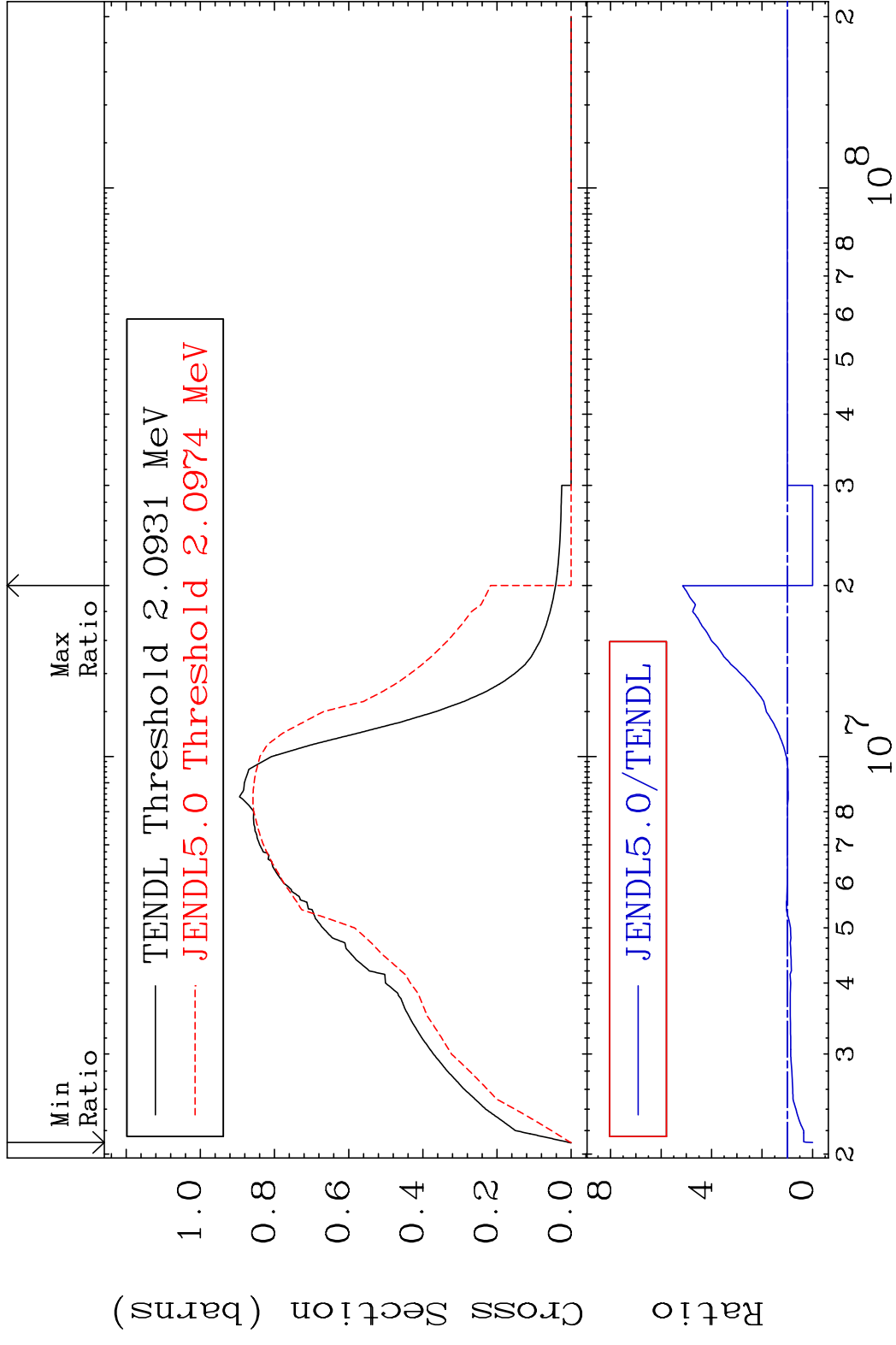


2

Incident Energy (eV)

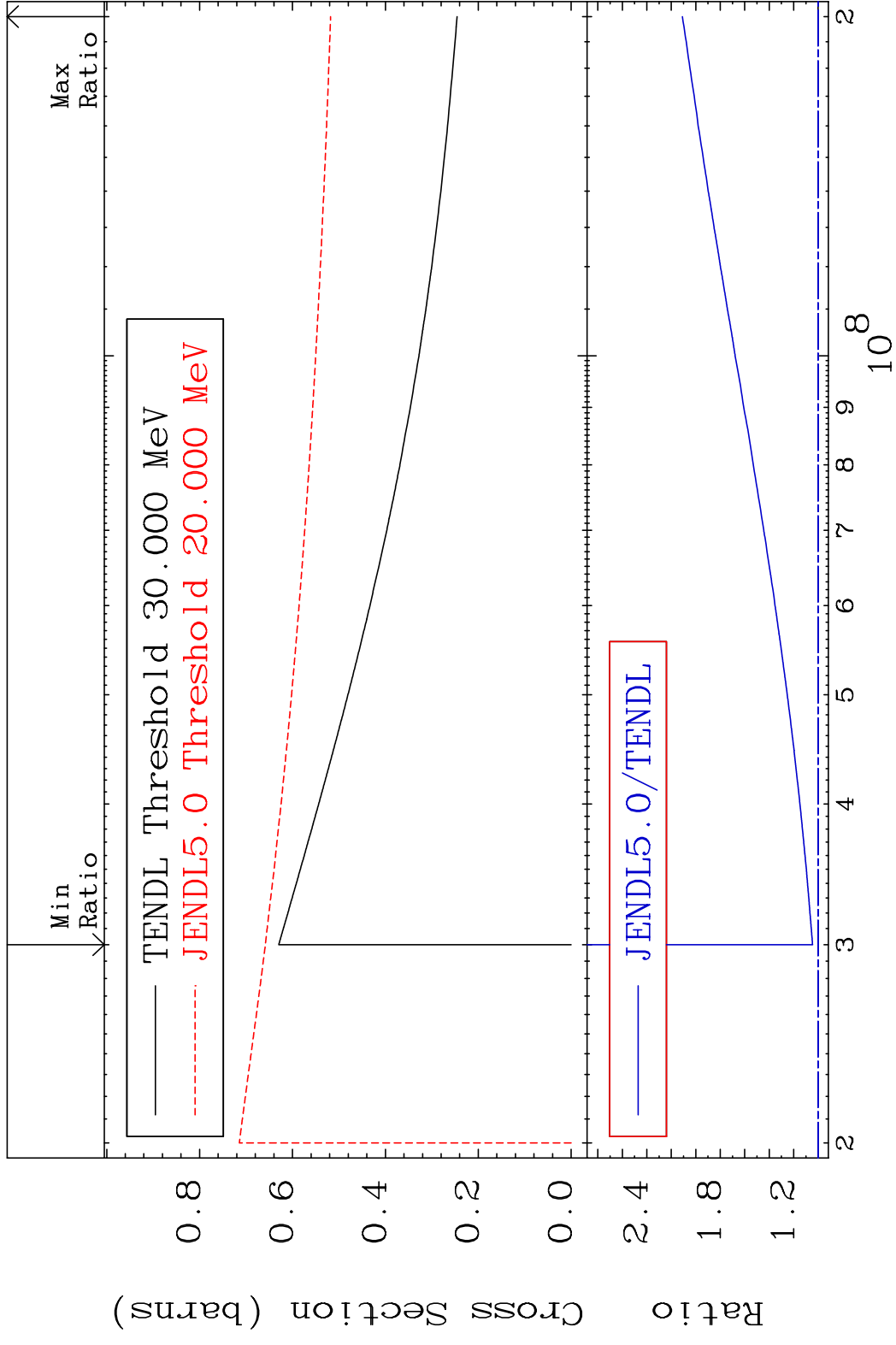
8-0 -18

MAT 831 Inelastic Cross Section -100.0 To 415.7 % 8-0 -18



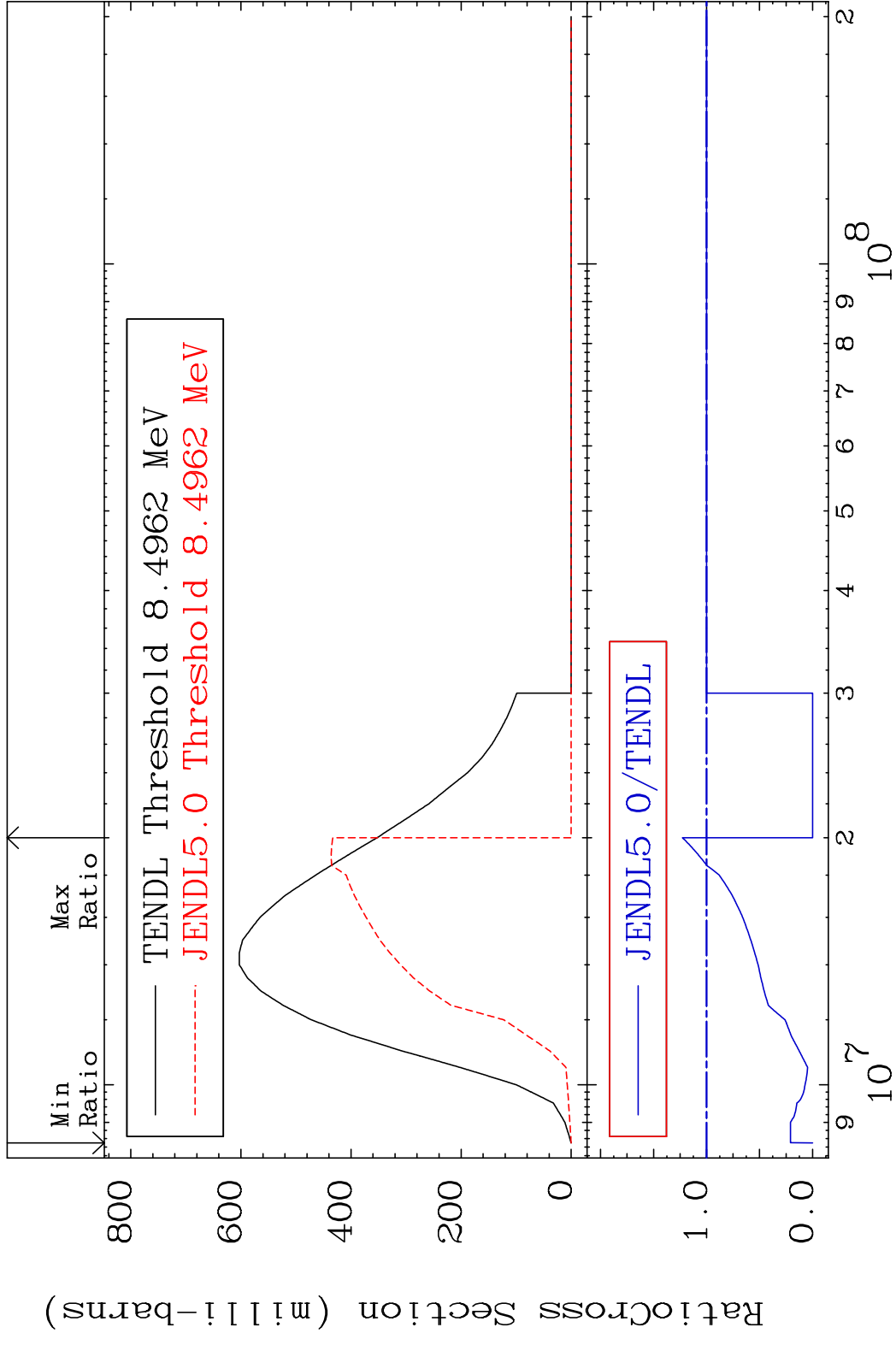
3 3 Incident Energy (eV) 8-0 -18

MAT 831 (n, remainder) 8-0 -18
 Cross Section 4.582 To 111.0 %



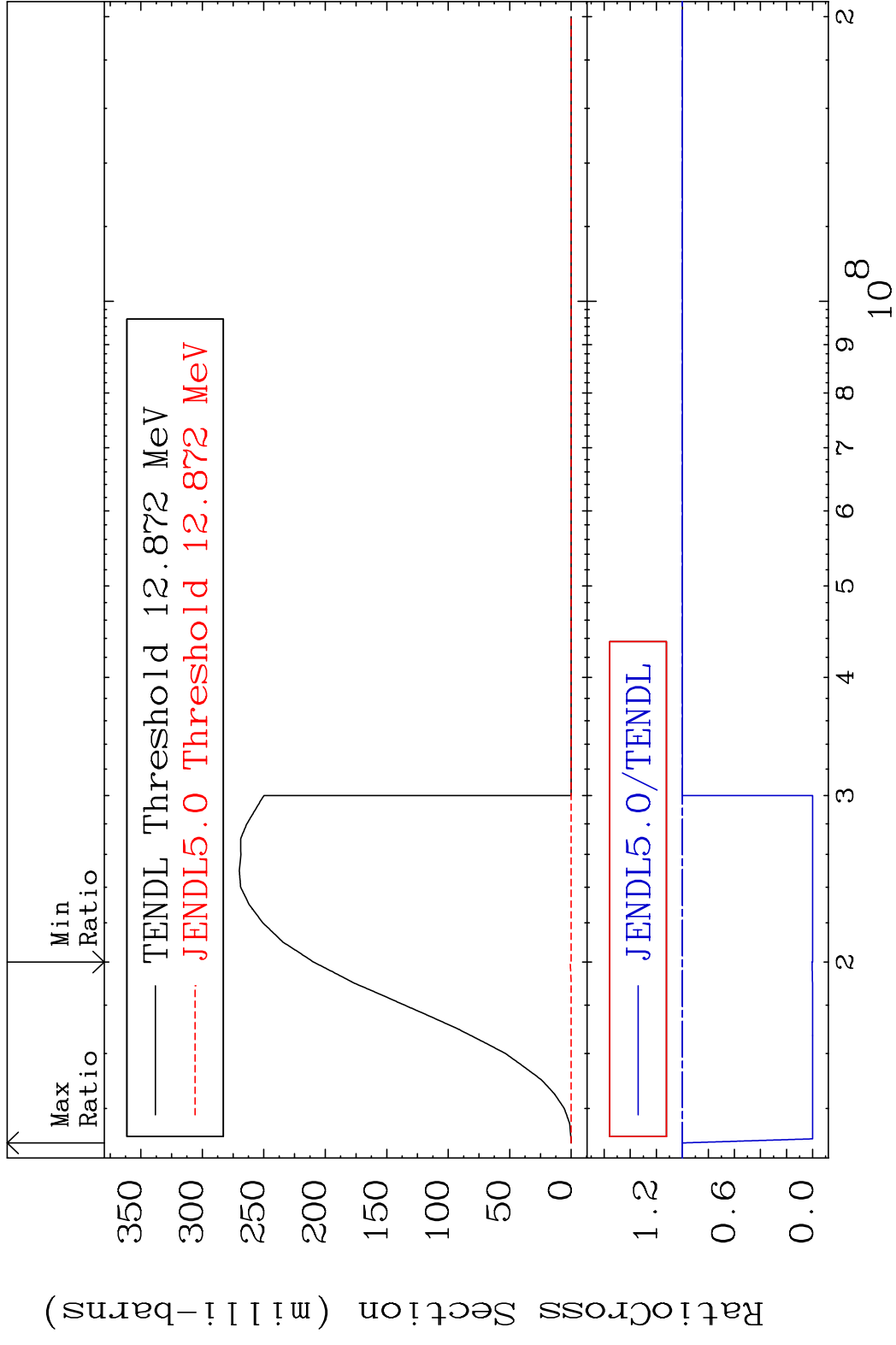
4 Incident Energy (eV) 8-0 -18

MAT 831 (n,2n) Cross Section -100.0 To 22.84 % 8-0 -18

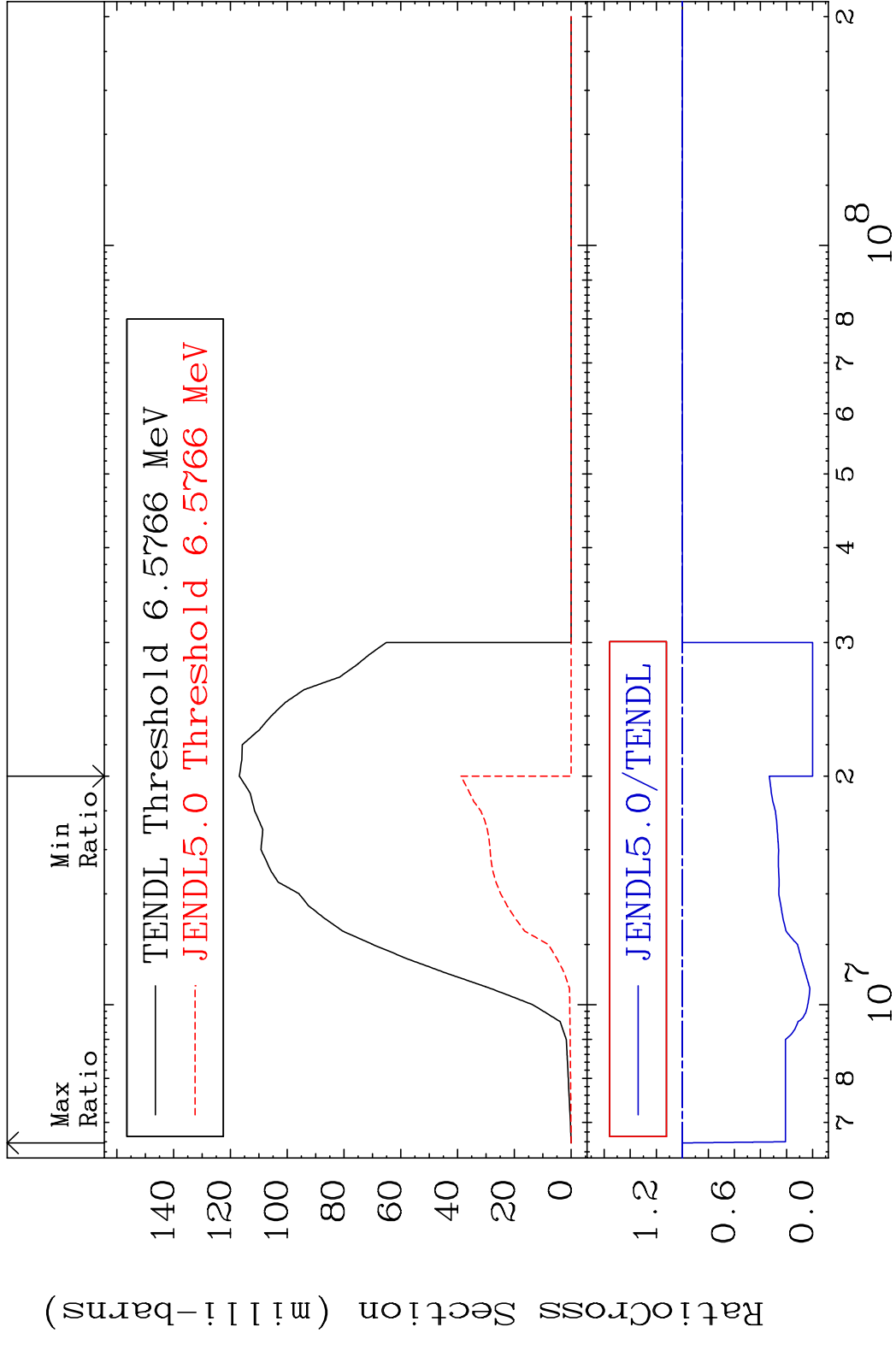


5

MAT 831 (n,3n) 8-0 -18
 Cross Section -100.0 To 0.000 %

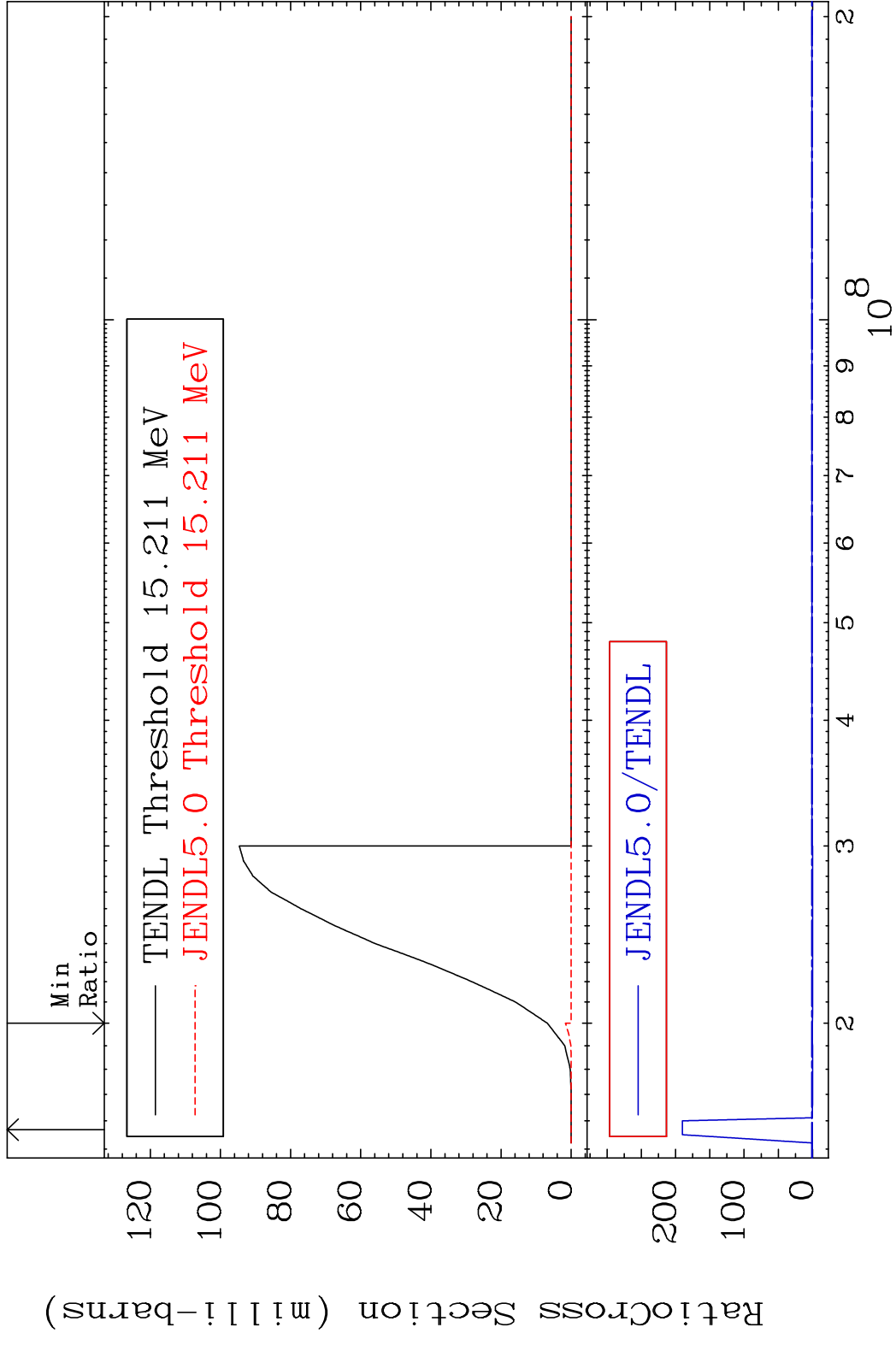


MAT 831 (n, n') α 8-0 -18
 Cross Section -100.0 To 0.000 %



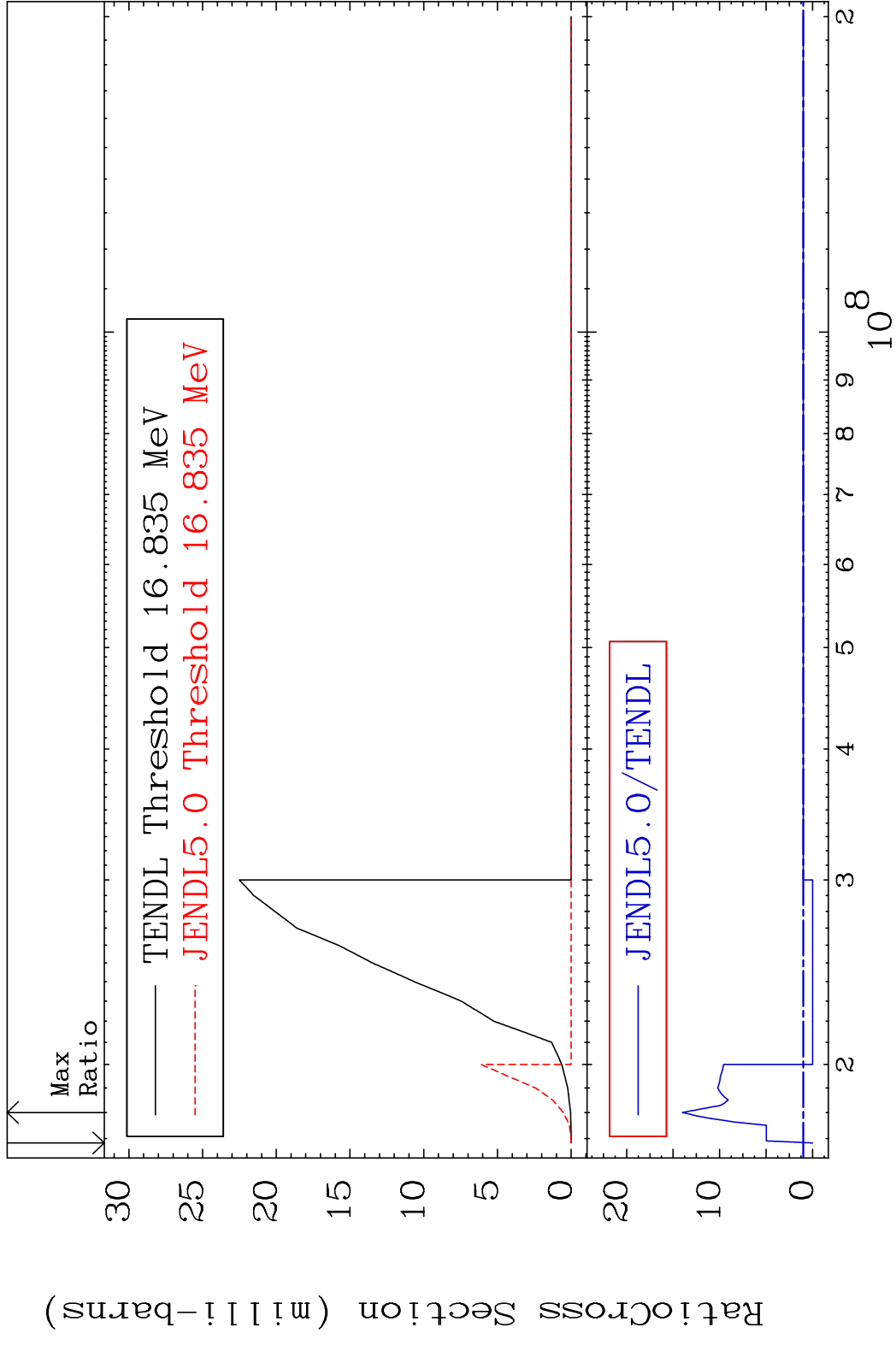
7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 8-0 -18

MAT 831 (n,2n) α 8-0 -18
 Cross Section -100.0 To 9999. %



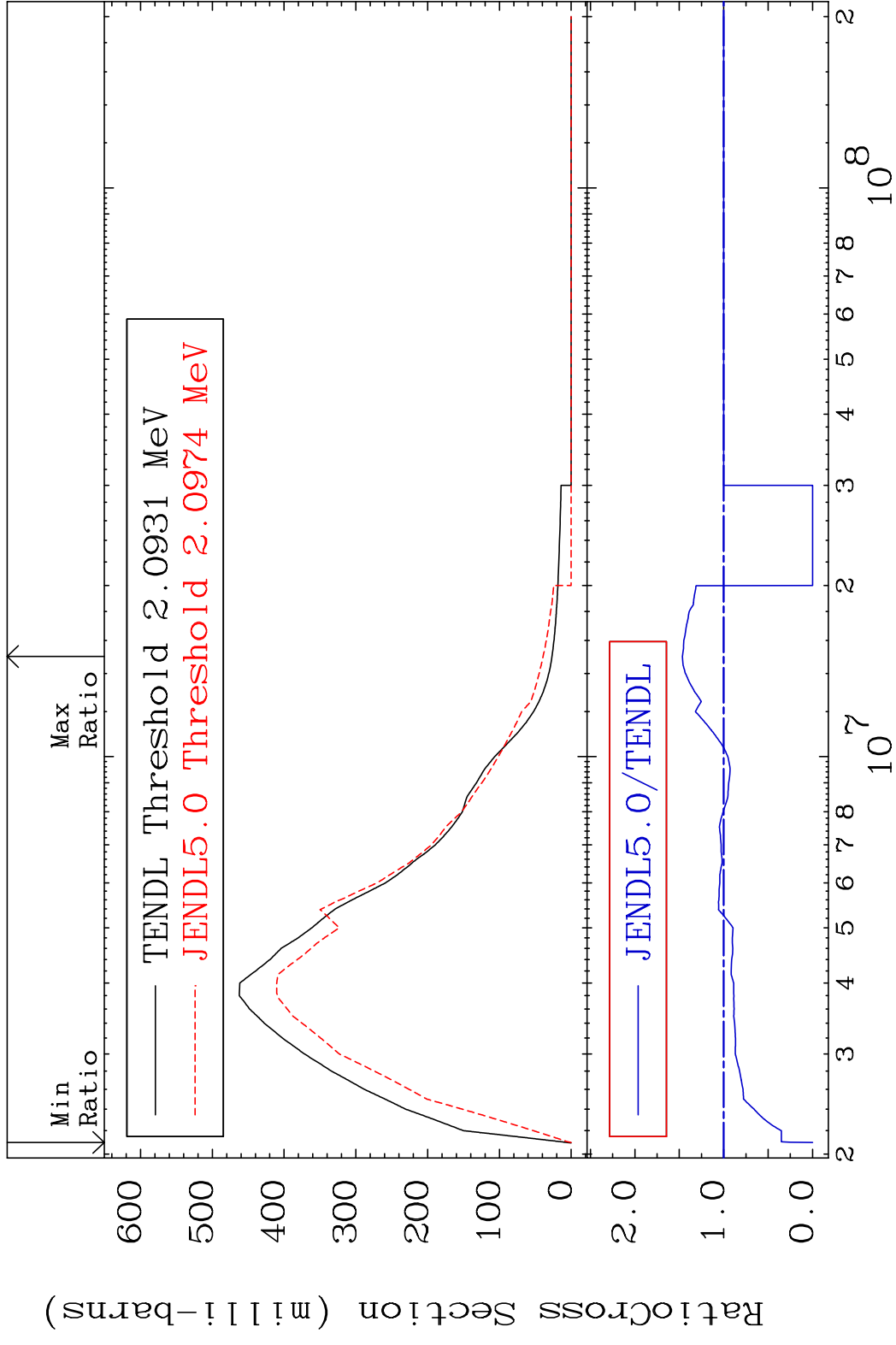
8 Incident Energy (eV) 8-0 -18

MAT 831 (n, n') p 8-0 -18
 Cross Section -100.0 To 1301. %

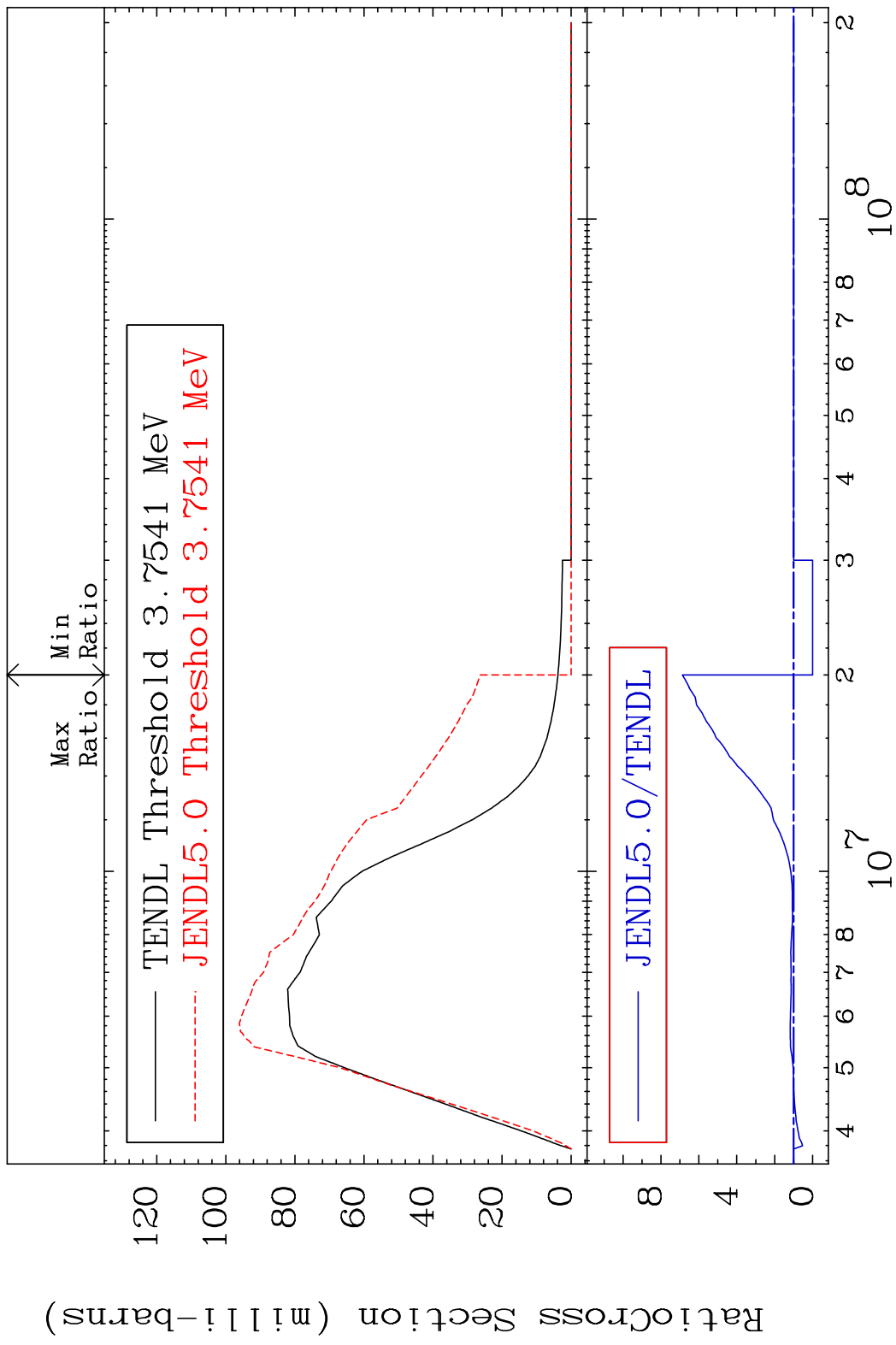


9 Incident Energy (eV) 8-0 -18

MAT 831 MT= 51 (n, n') Level 8-0 -18
 Cross Section -100.0 To 46.54 %

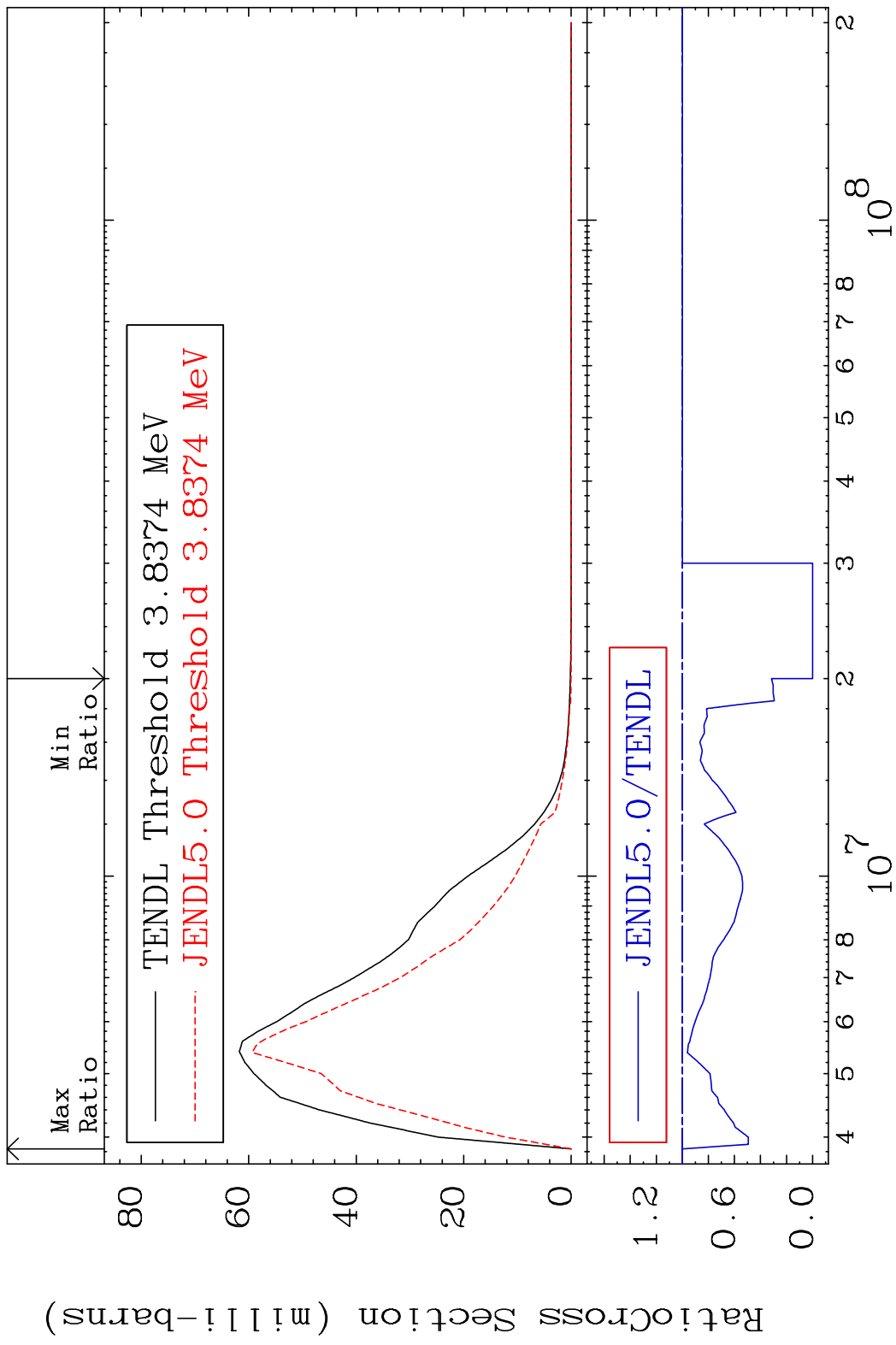


MAT 831 MT= 52 (n, n') Level 8-0 -18
 Cross Section -100.0 To 587.2 %

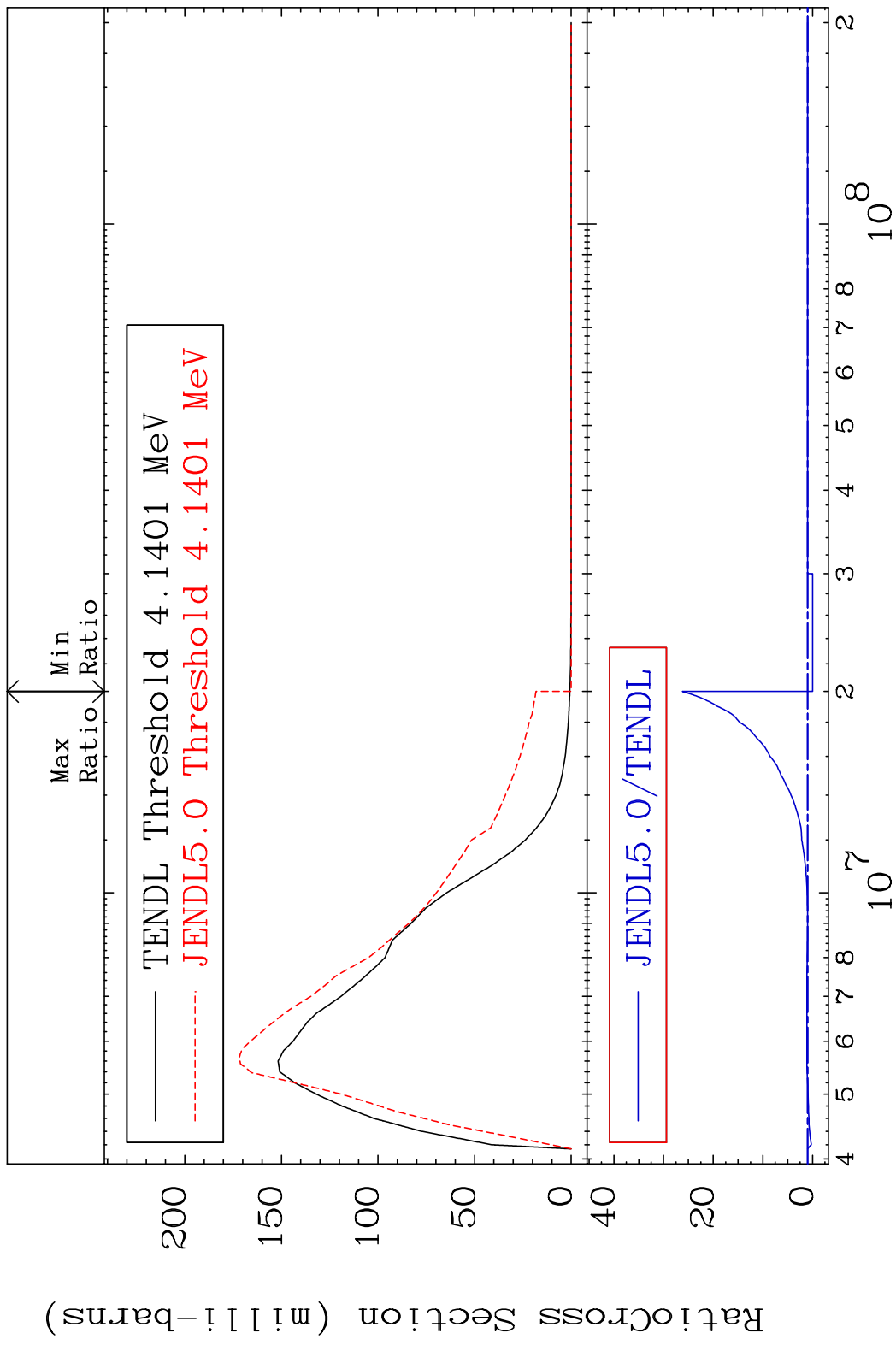


12 Incident Energy (eV) 8-0 -18

MAT 831 MT= 53 (n, n') Level 8-0 -18
 Cross Section -100.0 To 0.000 %

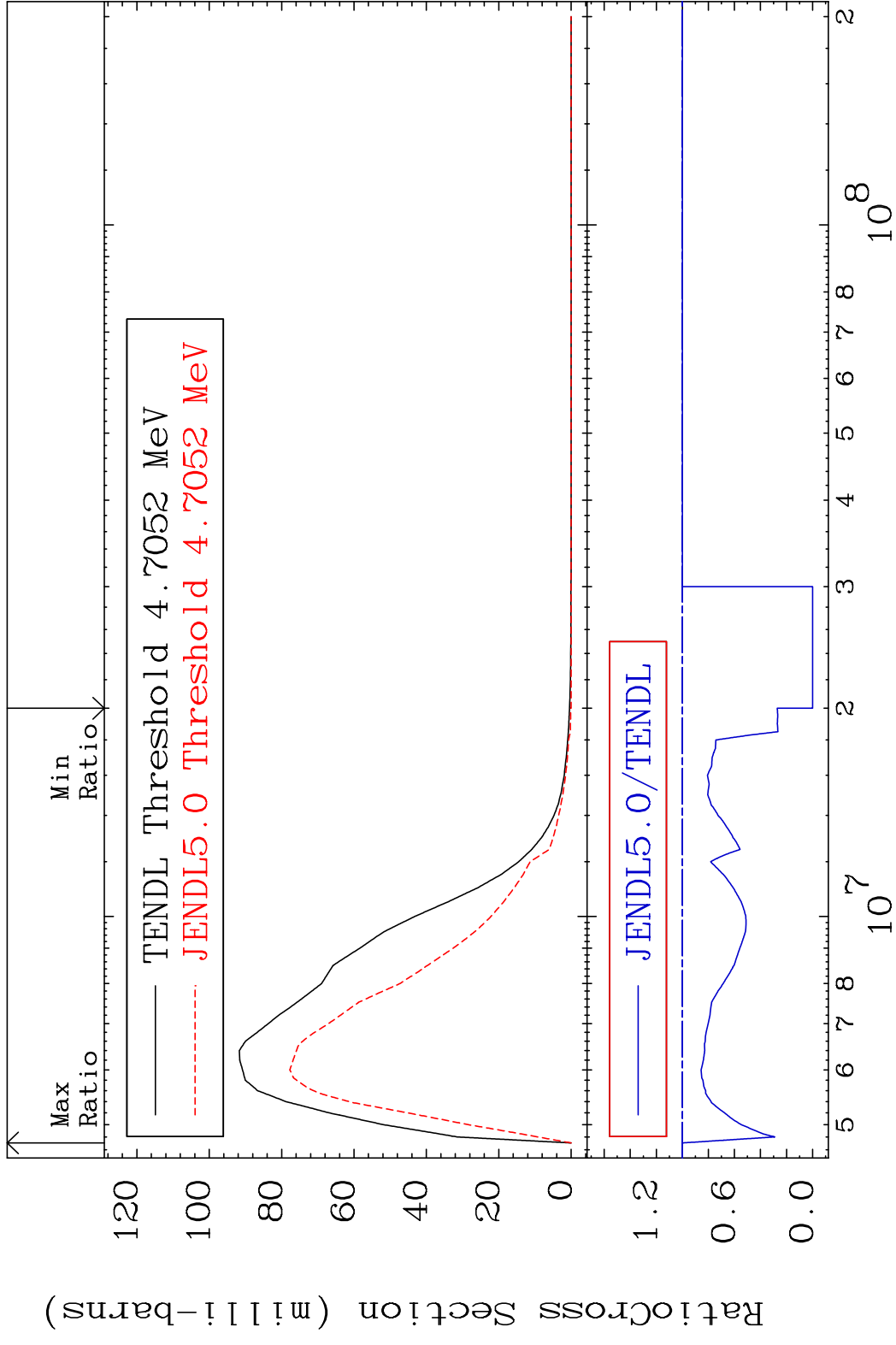


MAT 831 MT= 54 (n, n') Level 8-0 -18
 Cross Section -100.0 To 2522. %

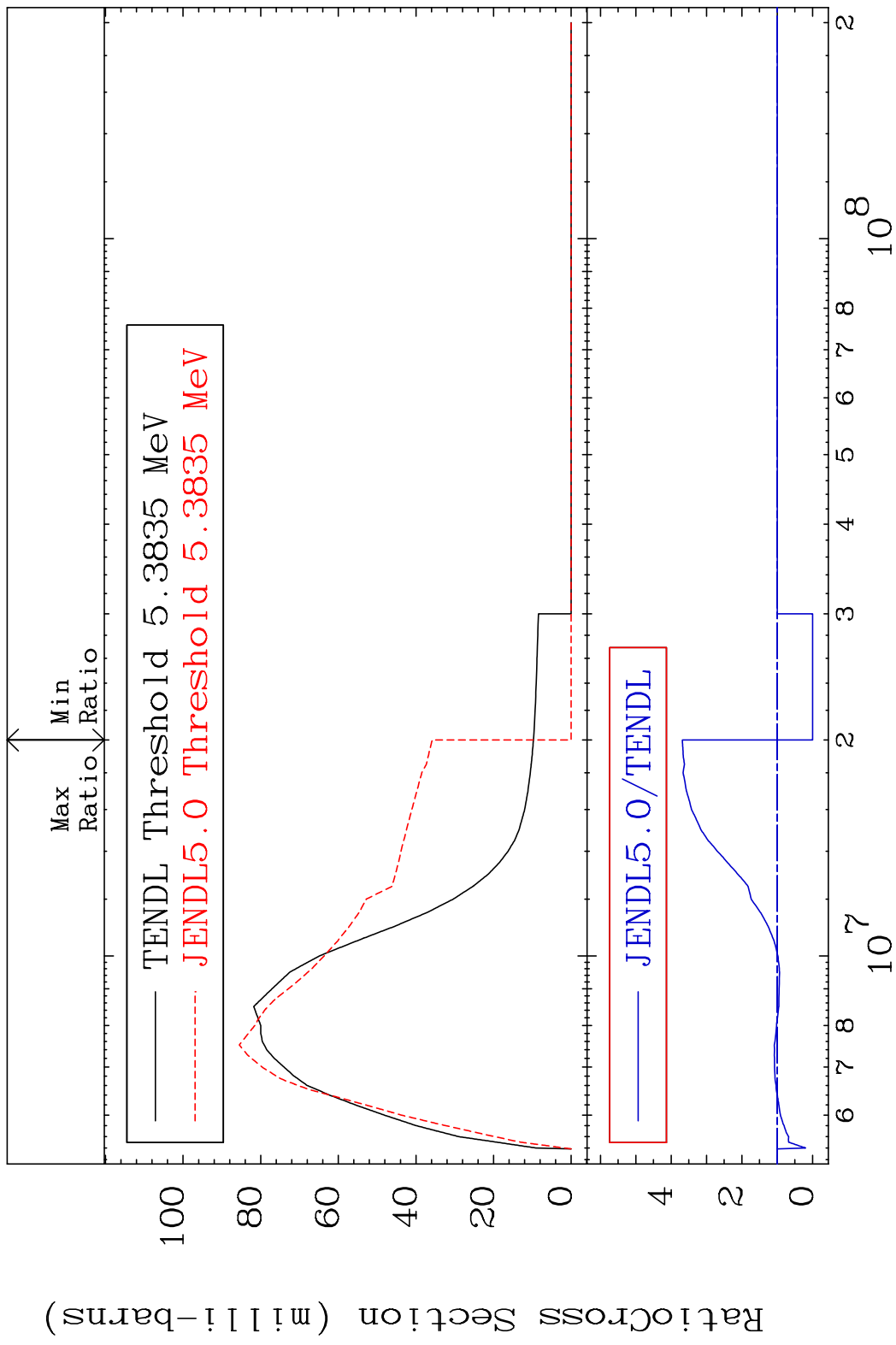


14 Incident Energy (eV) 8-0 -18

MAT 831 MT= 55 (n, n') Level 8-0 -18
 Cross Section -100.0 To 0.000 %

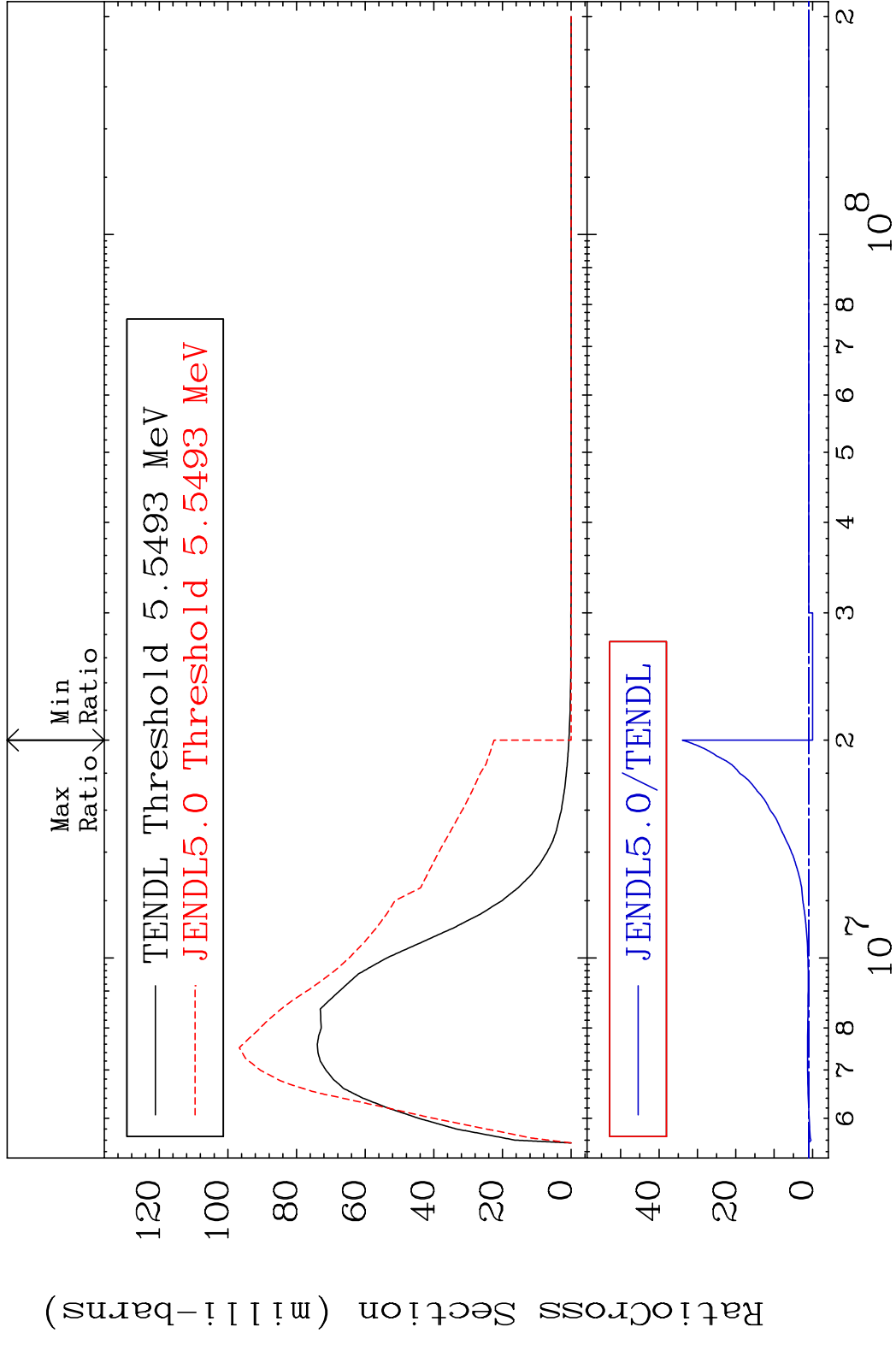


MAT 831 MT= 56 (n, n') Level 8-0 -18
 Cross Section -100.0 To 268.3 %



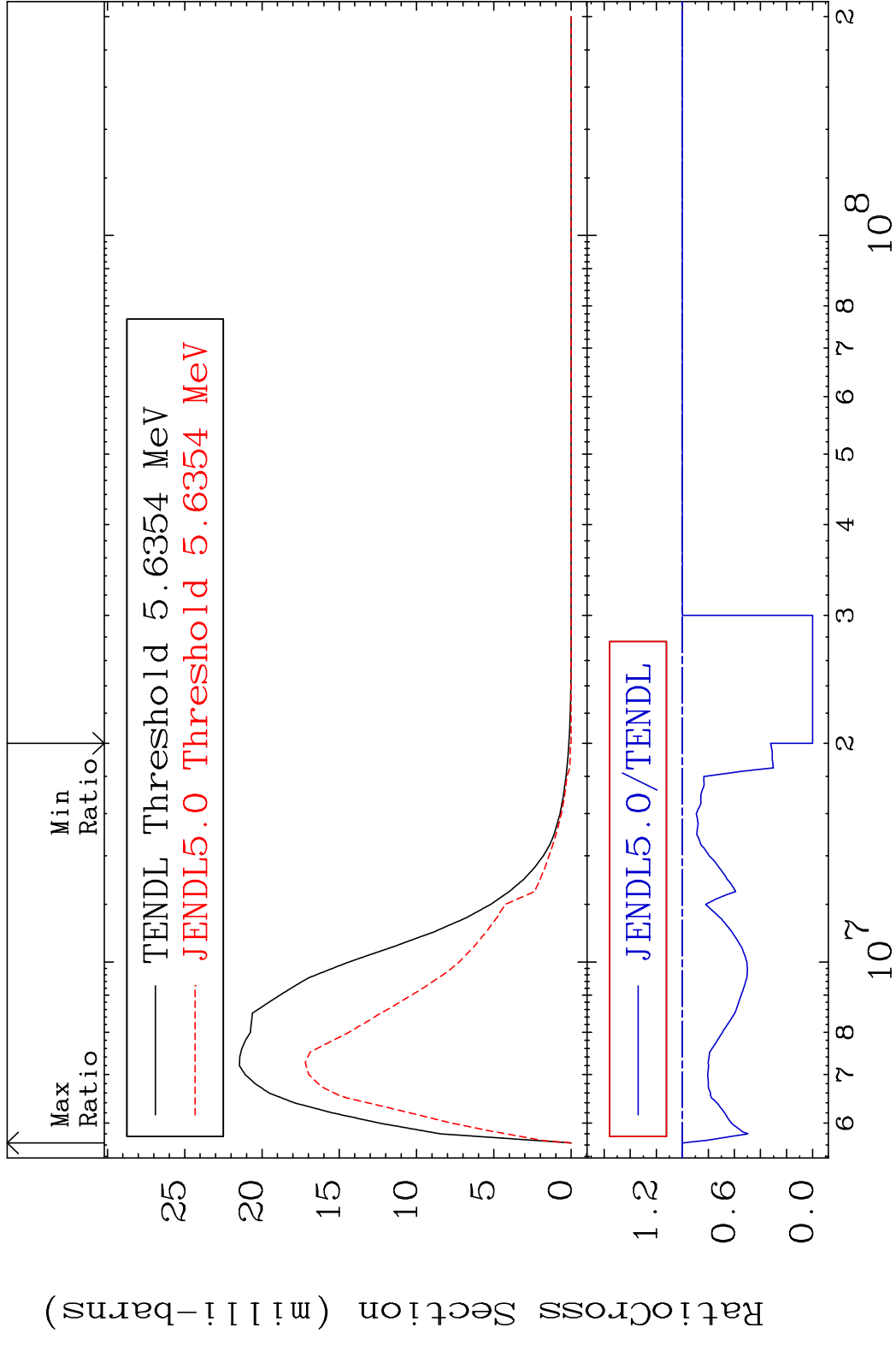
16 Incident Energy (eV) 8-0 -18

MAT 831 MT= 57 (n,n') Level 8-0 -18
 Cross Section -100.0 To 3292. %



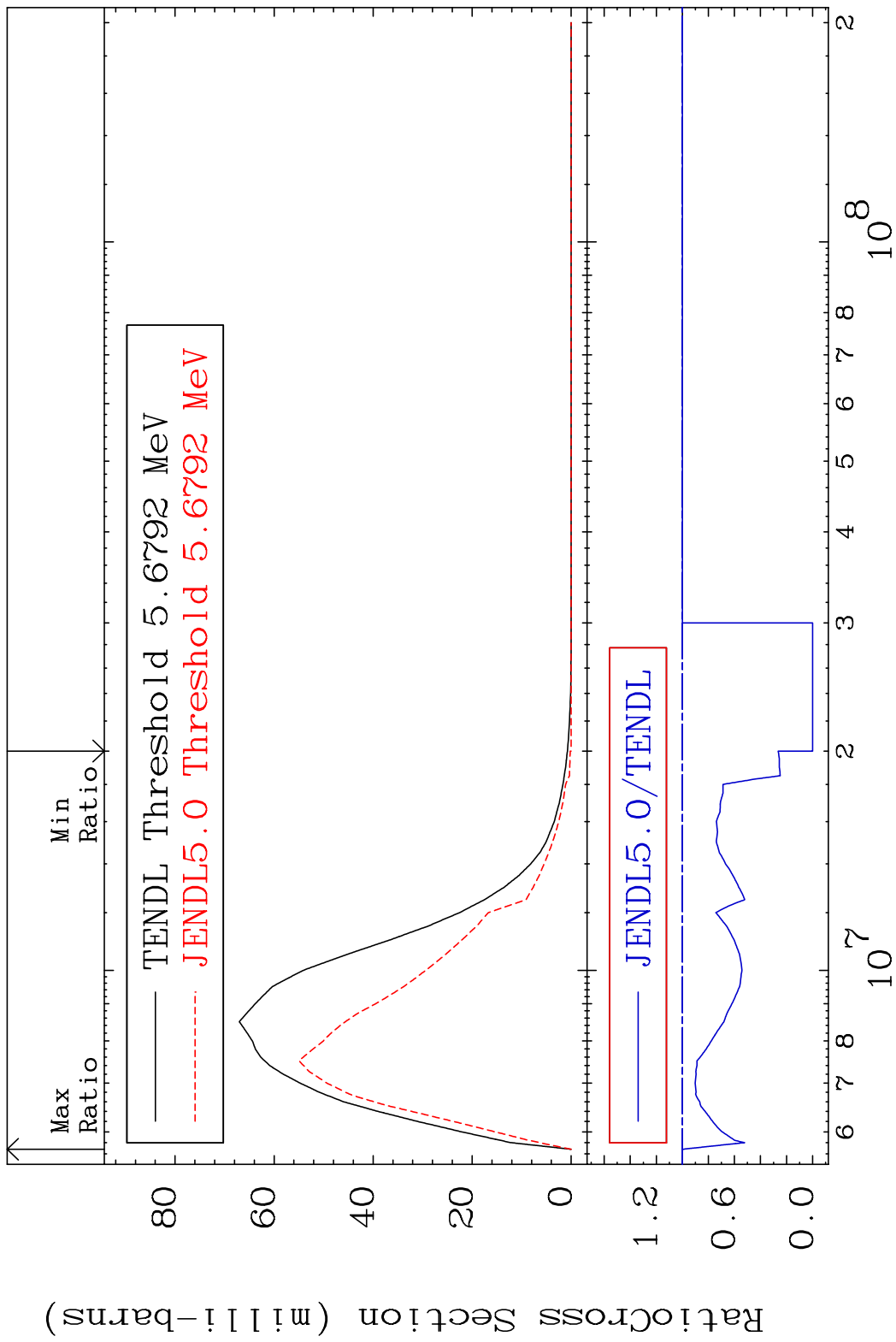
17 Incident Energy (eV) 8-0 -18

MAT 831 MT= 58 (n,n') Level 8-0 -18
 Cross Section -100.0 To 0.000 %



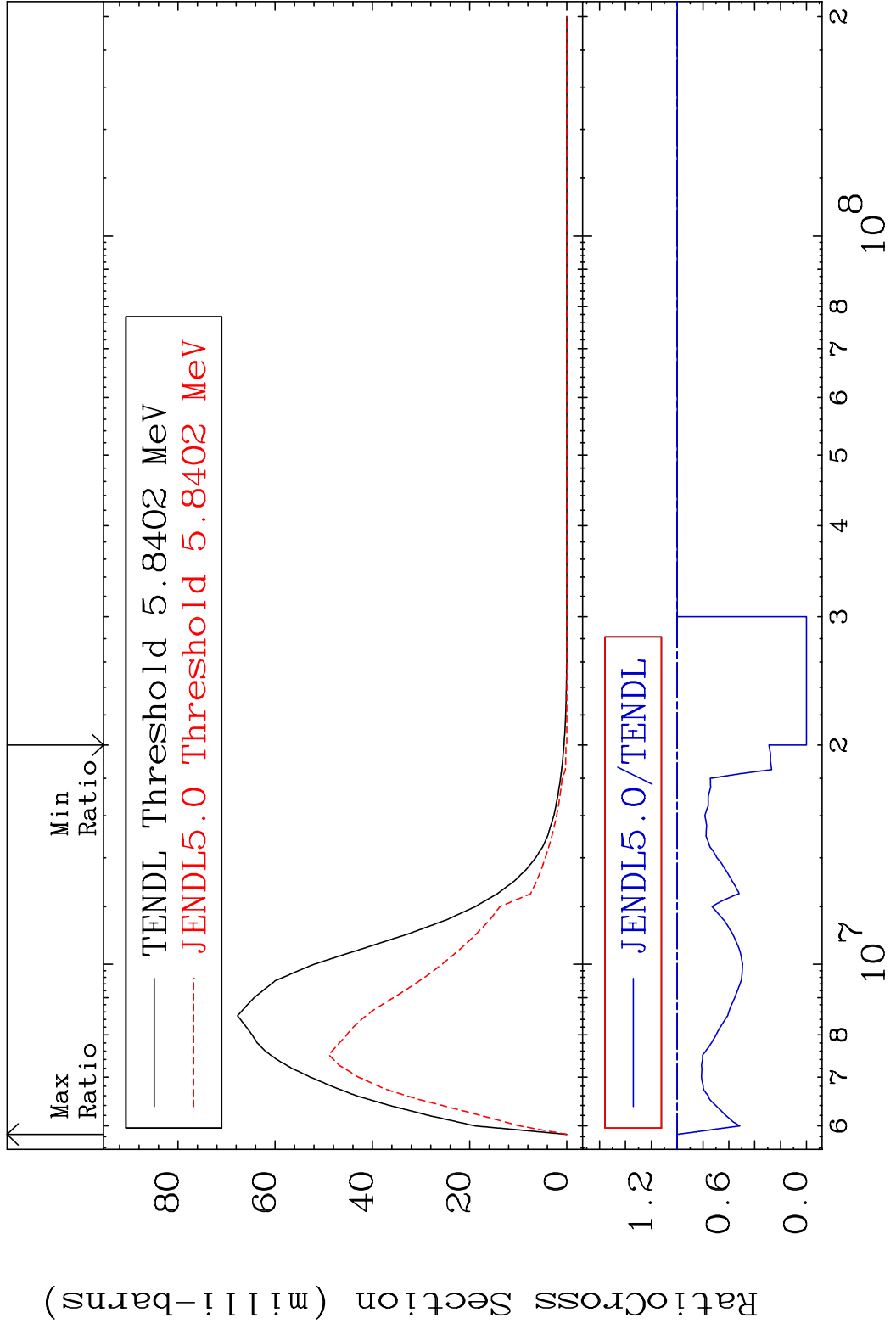
18 8-0 -18

MAT 831 MT= 59 (n,n') Level 8-0 -18
 Cross Section -100.0 To 0.000 %



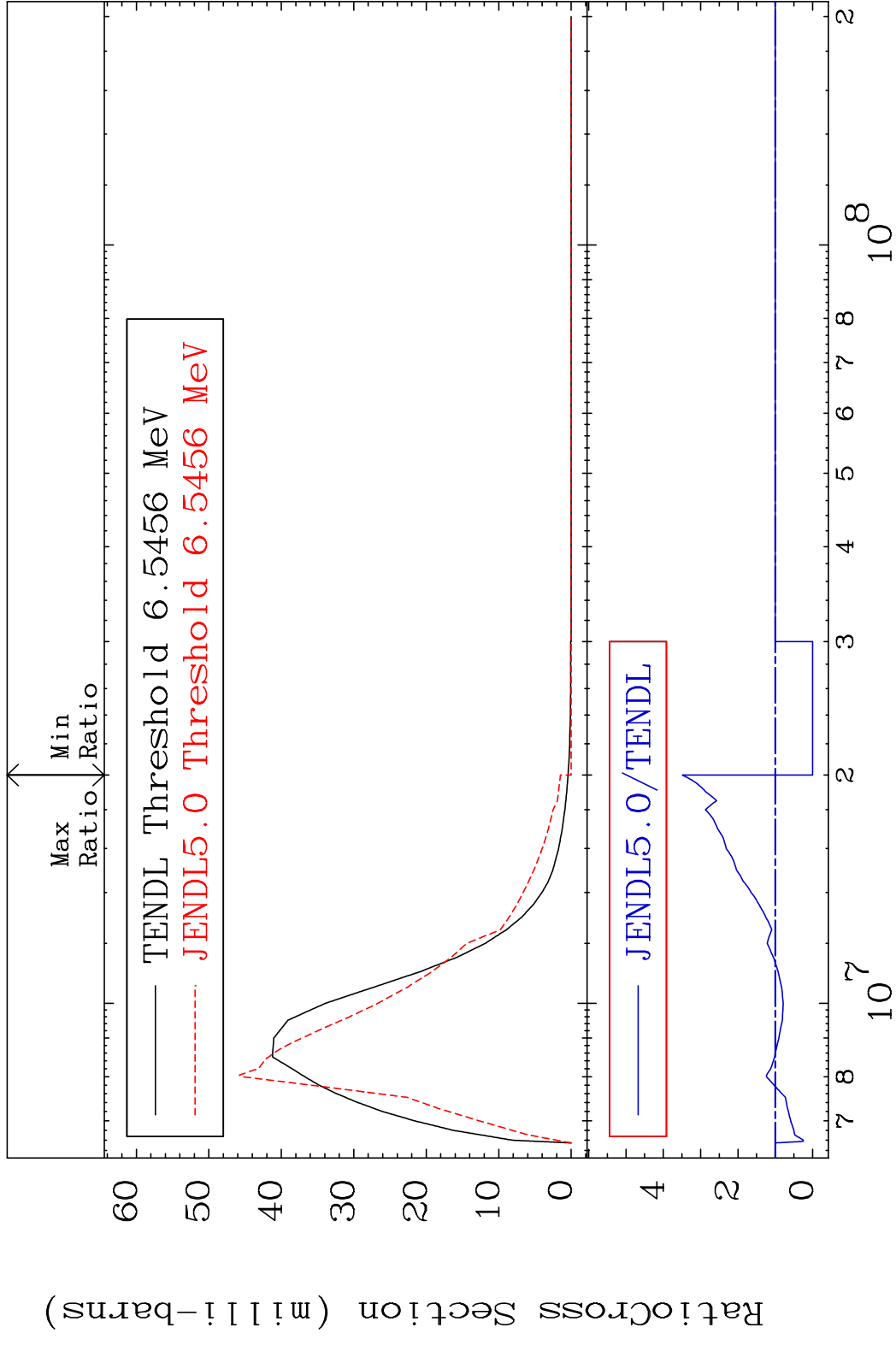
19 19 Incident Energy (eV) 8-0 -18

MAT 831 MT= 60 (n,n') Level 8-0 -18
 Cross Section -100.0 To 0.000 %

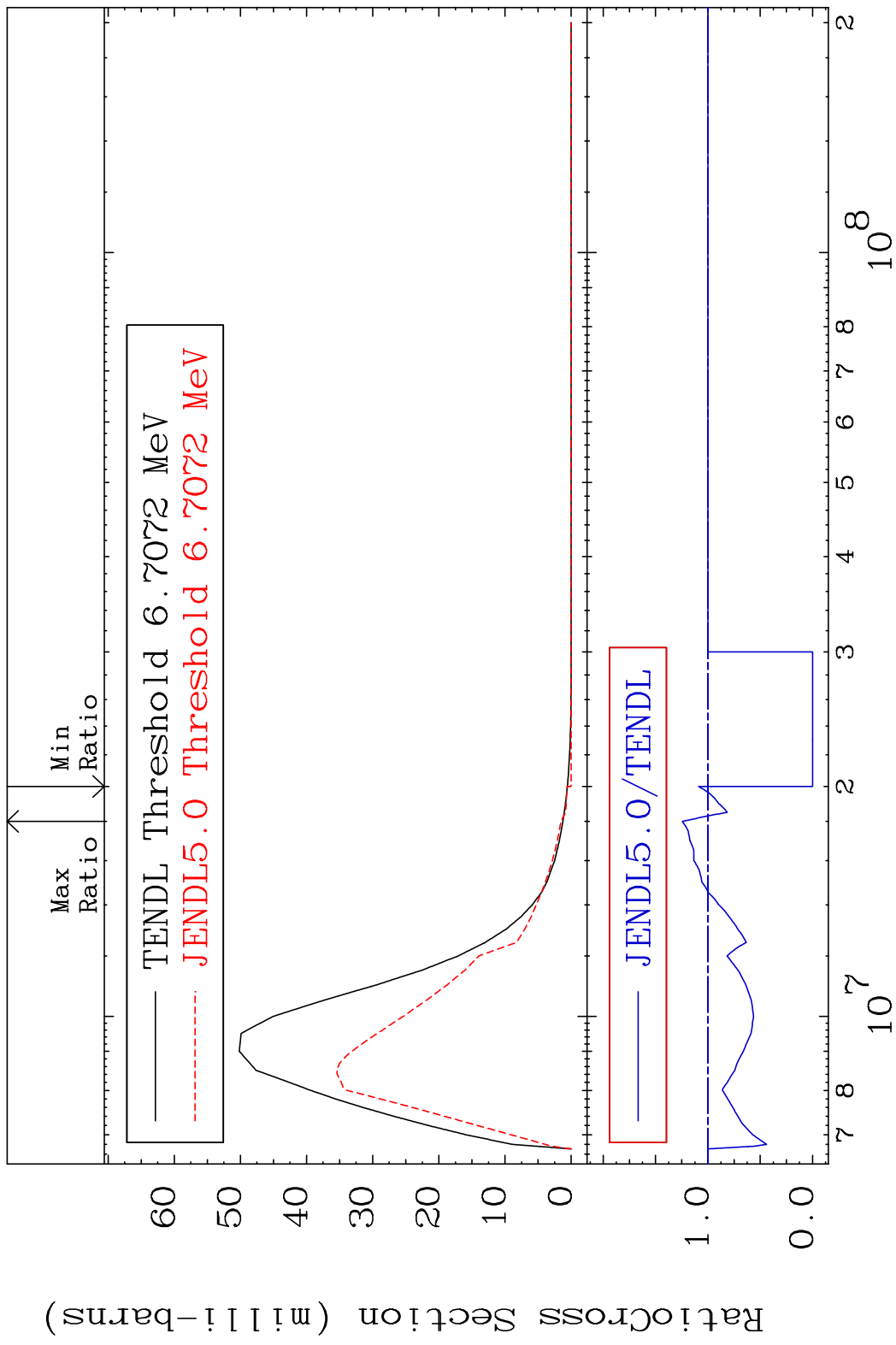


20 1.2 0.6 0.0 6 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 8-0 -18

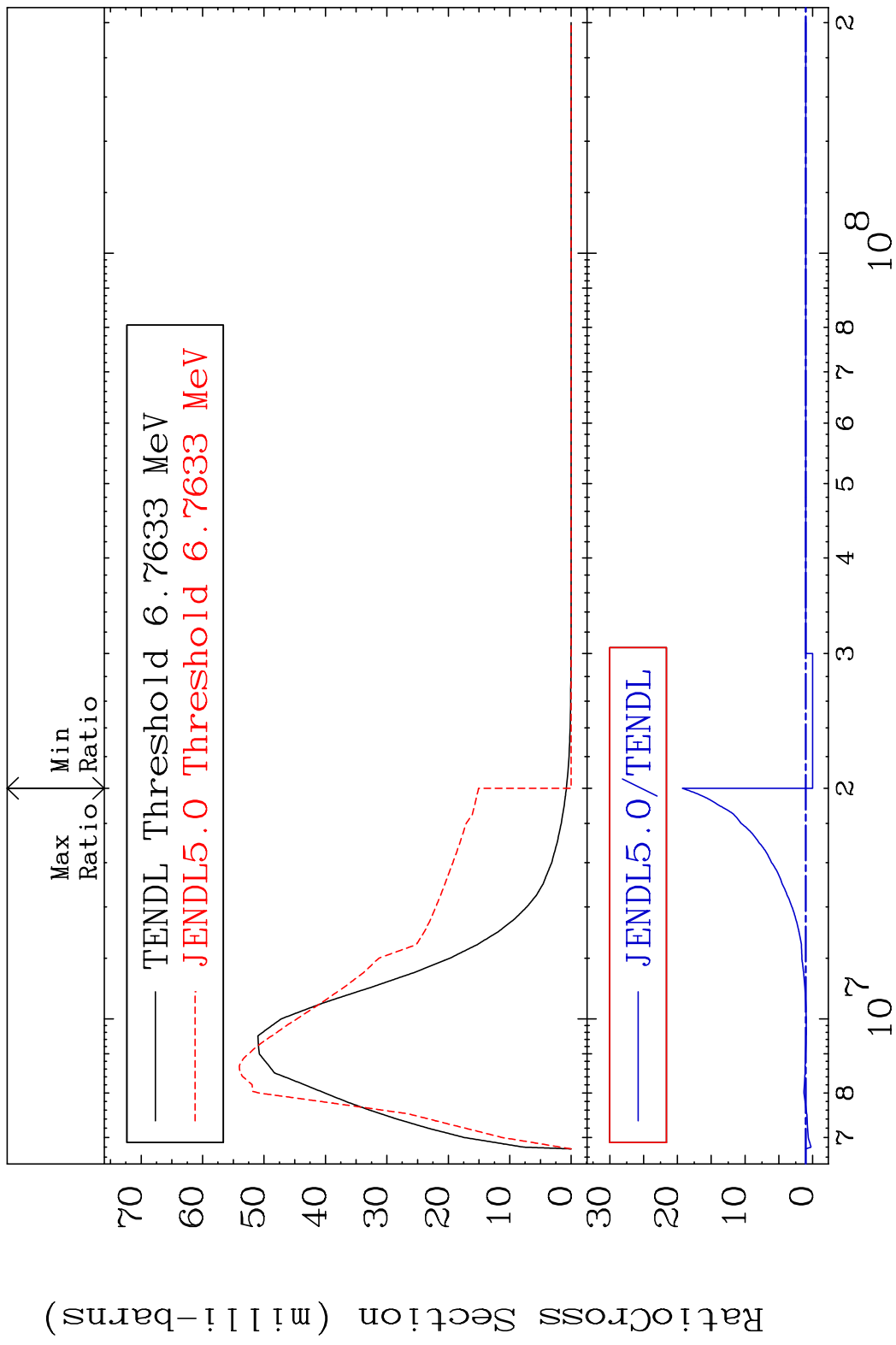
MAT 831 MT= 61 (n, n') Level 8-0 -18
 Cross Section -100.0 To 248.9 %



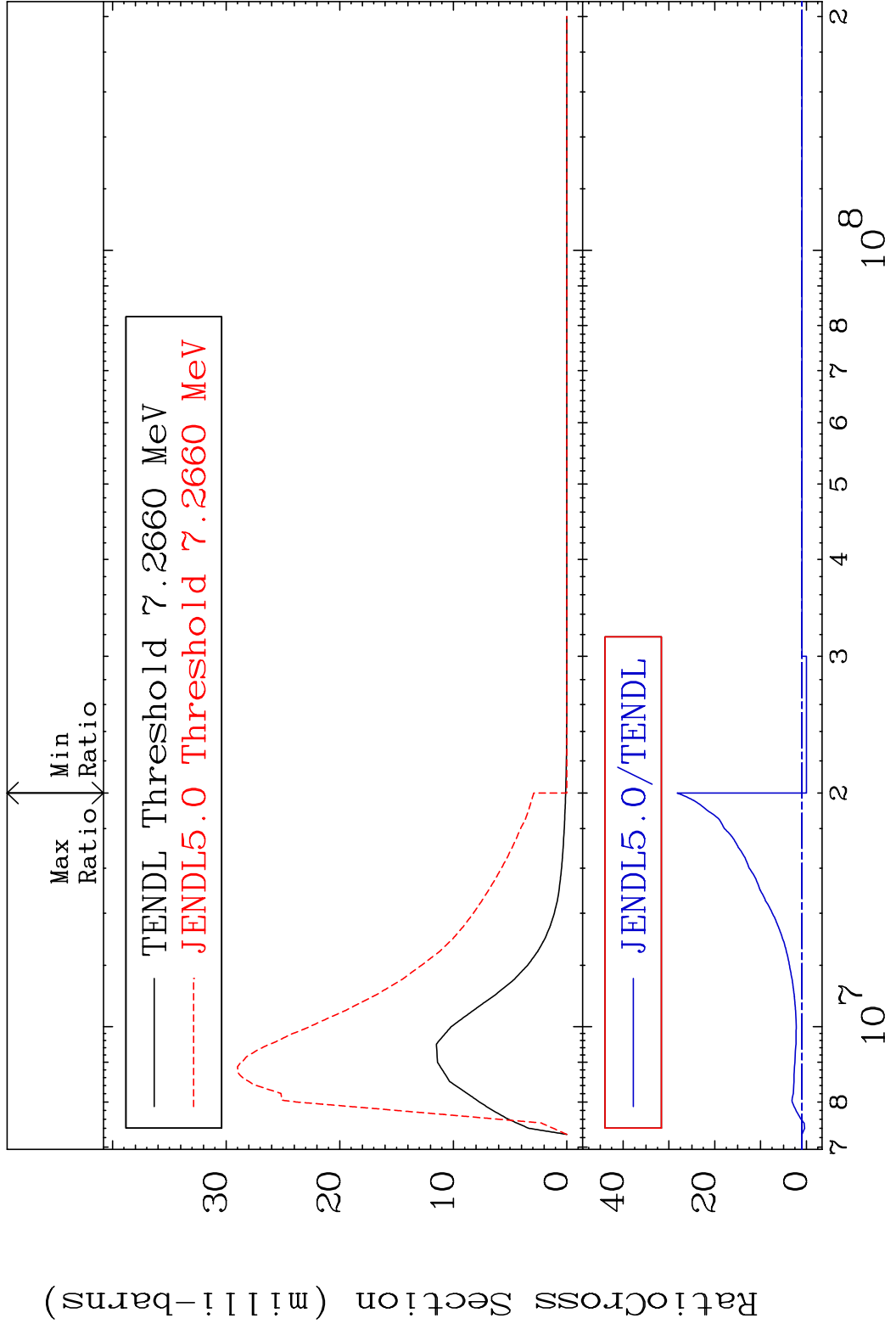
MAT 831 MT= 62 (n, n') Level 8-0 -18
 Cross Section -100.0 To 24.41 %



MAT 831 MT= 63 (n, n') Level 8-0 -18
 Cross Section -100.0 To 1827. %

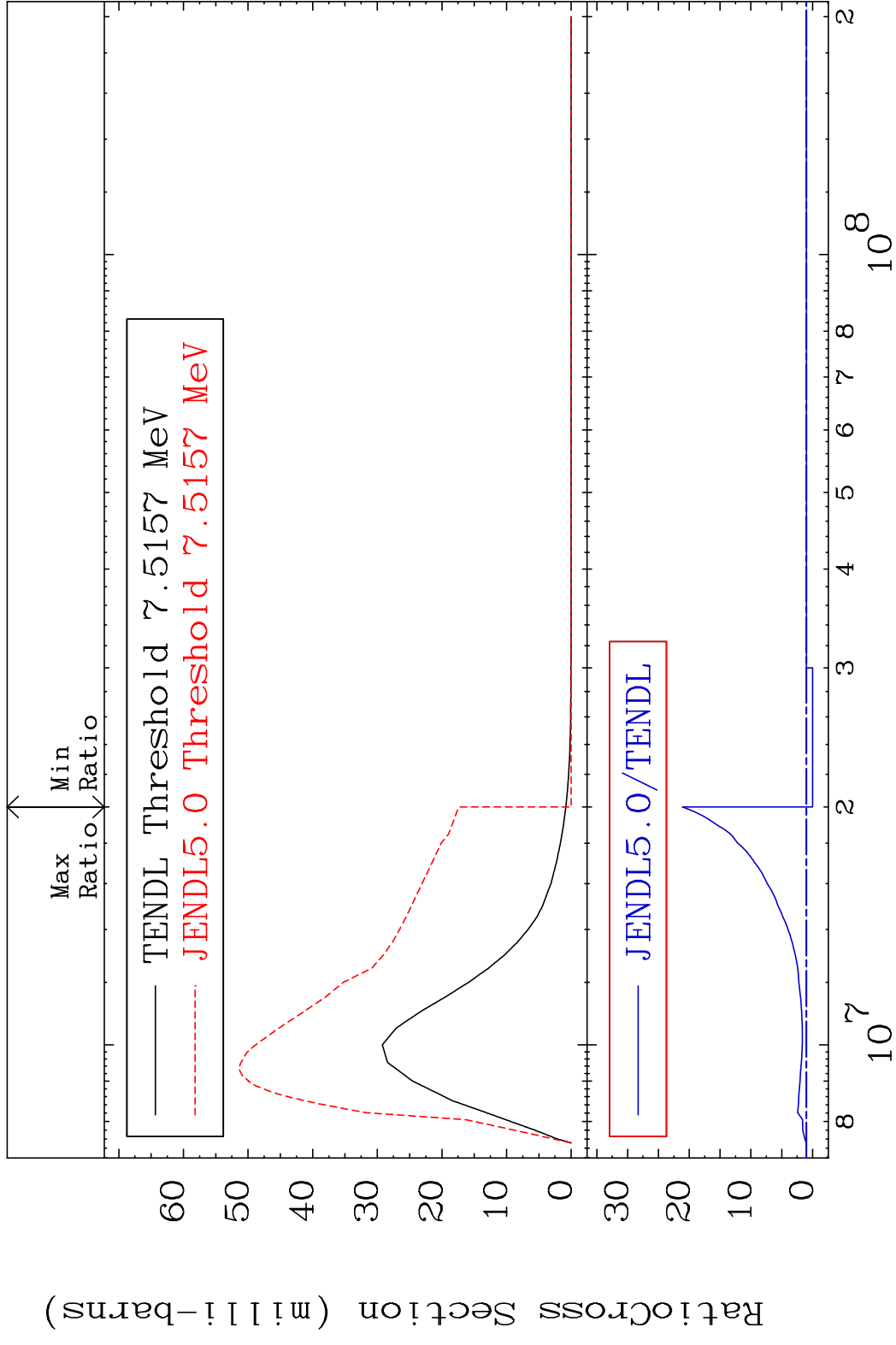


MAT 831 MT= 64 (n, n') Level 8-0 -18
 Cross Section -100.0 To 2720. %

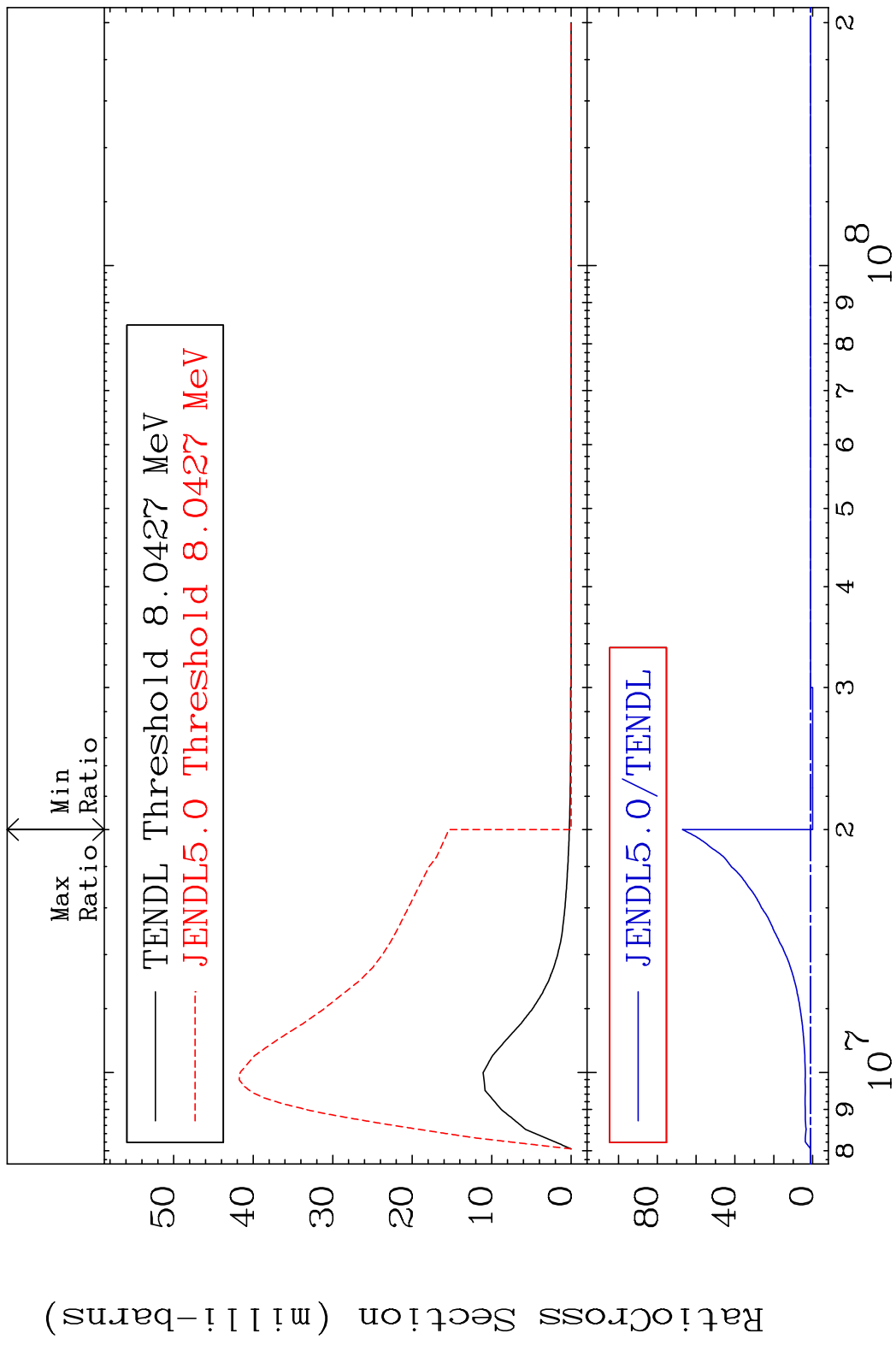


24 Incident Energy (eV) 8-0 -18

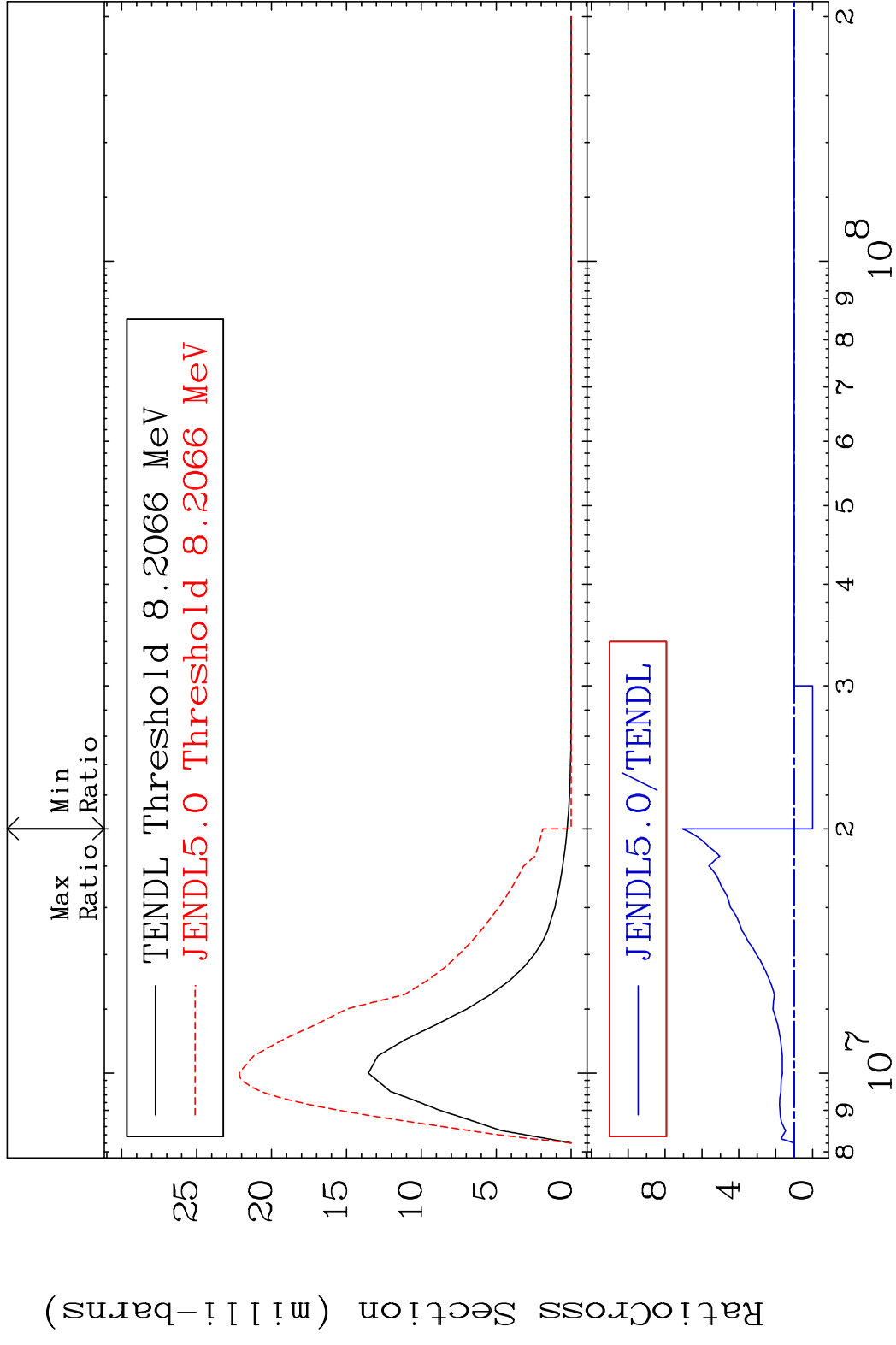
MAT 831 MT= 65 (n, n') Level 8-0 -18
 Cross Section -100.0 To 2012. %



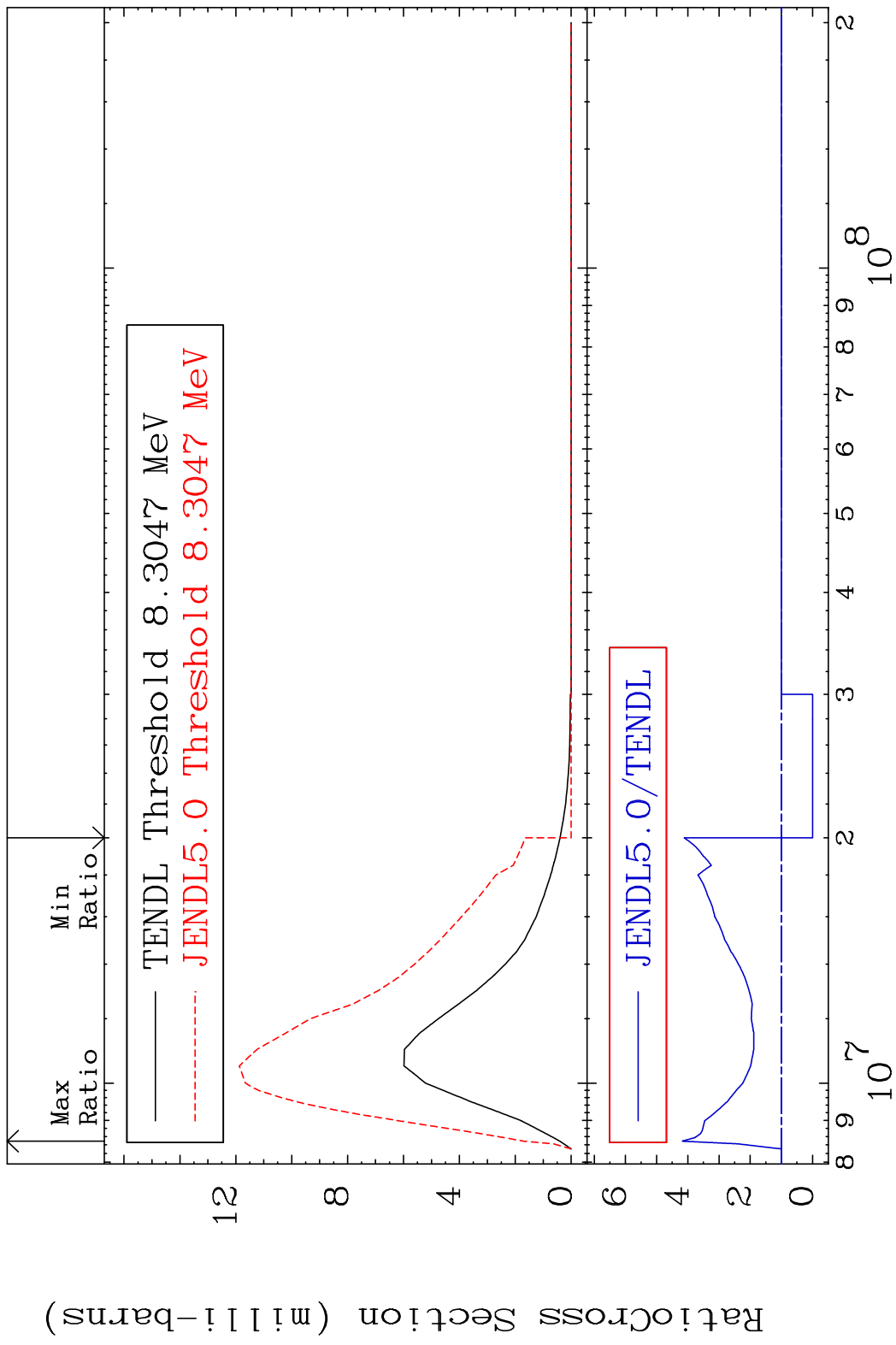
MAT 831 MT= 66 (n,n') Level 8-0 -18
 Cross Section -100.0 To 6611. %



MAT 831 MT= 67 (n, n') Level 8-0 -18
 Cross Section -100.0 To 606.4 %

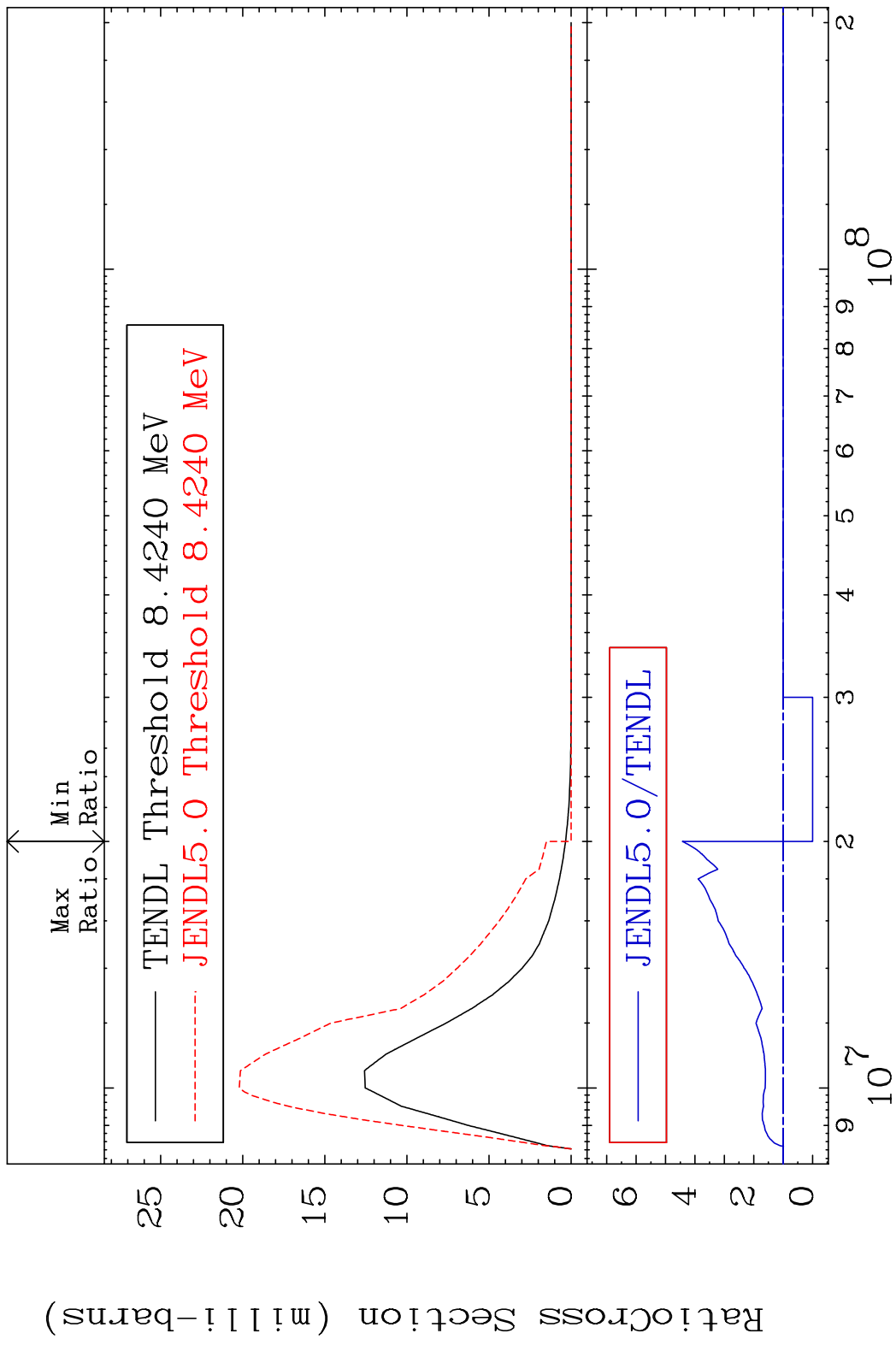


MAT 831 MT= 68 (n,n') Level 8-0 -18
 Cross Section -100.0 To 317.5 %



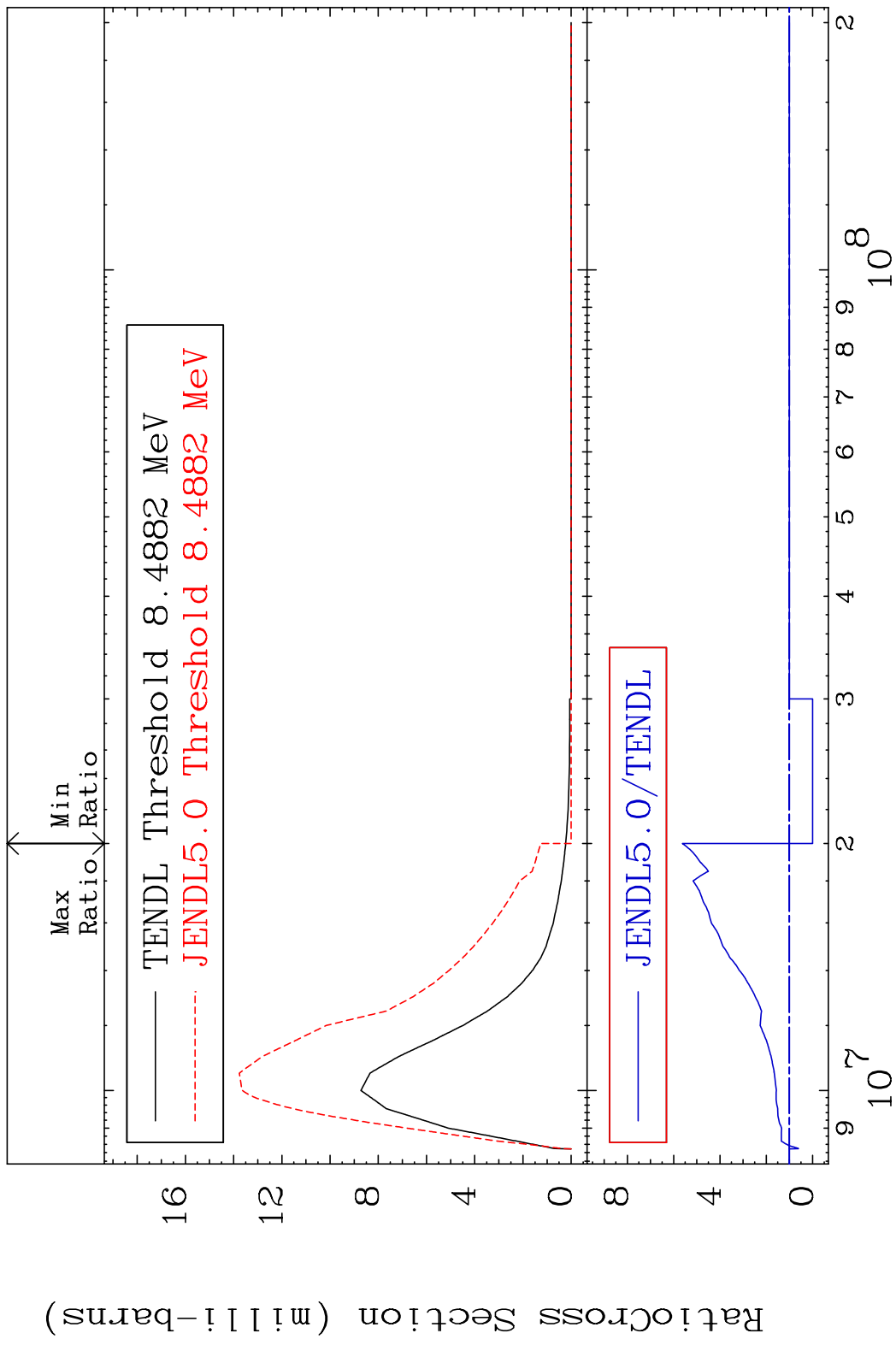
28 Incident Energy (eV) 8-0 -18

MAT 831 MT= 69 (n, n') Level 8-0 -18
 Cross Section -100.0 To 342.8 %



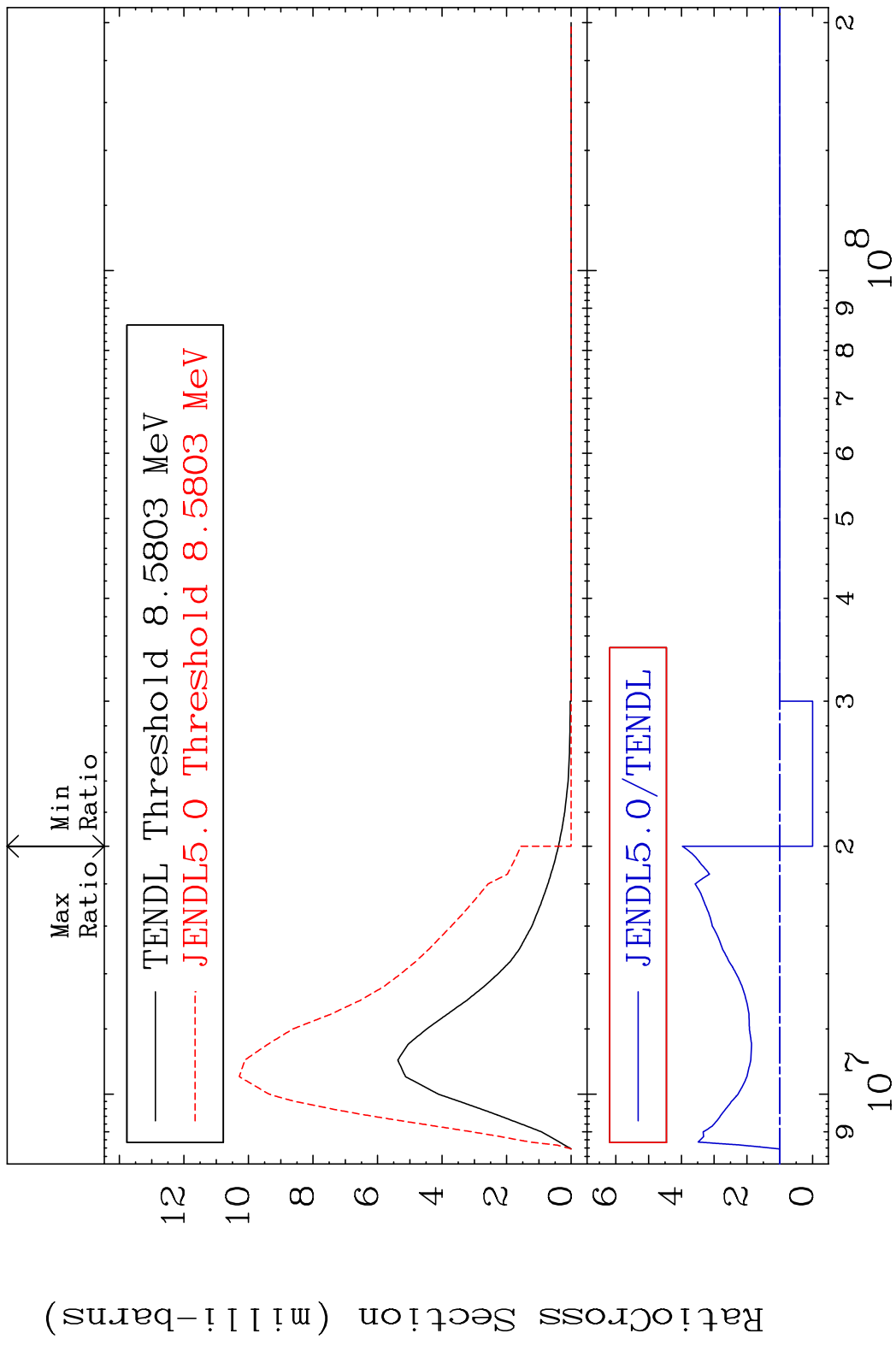
29 8-0 -18

MAT 831 MT= 70 (n,n') Level 8-0 -18
 Cross Section -100.0 To 462.3 %



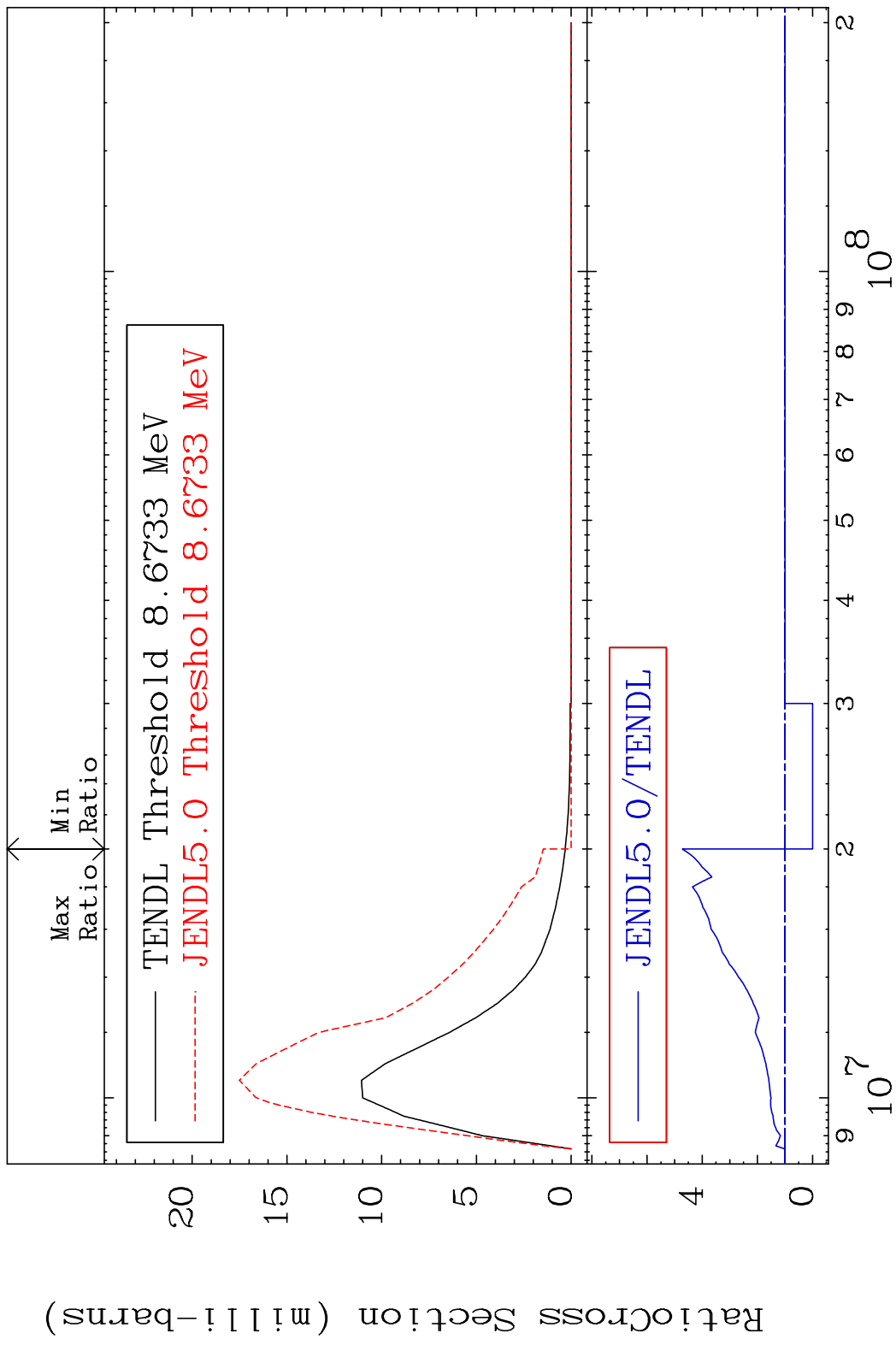
30 8-0 -18

MAT 831 MT= 71 (n, n') Level 8-0 -18
 Cross Section -100.0 To 297.0 %



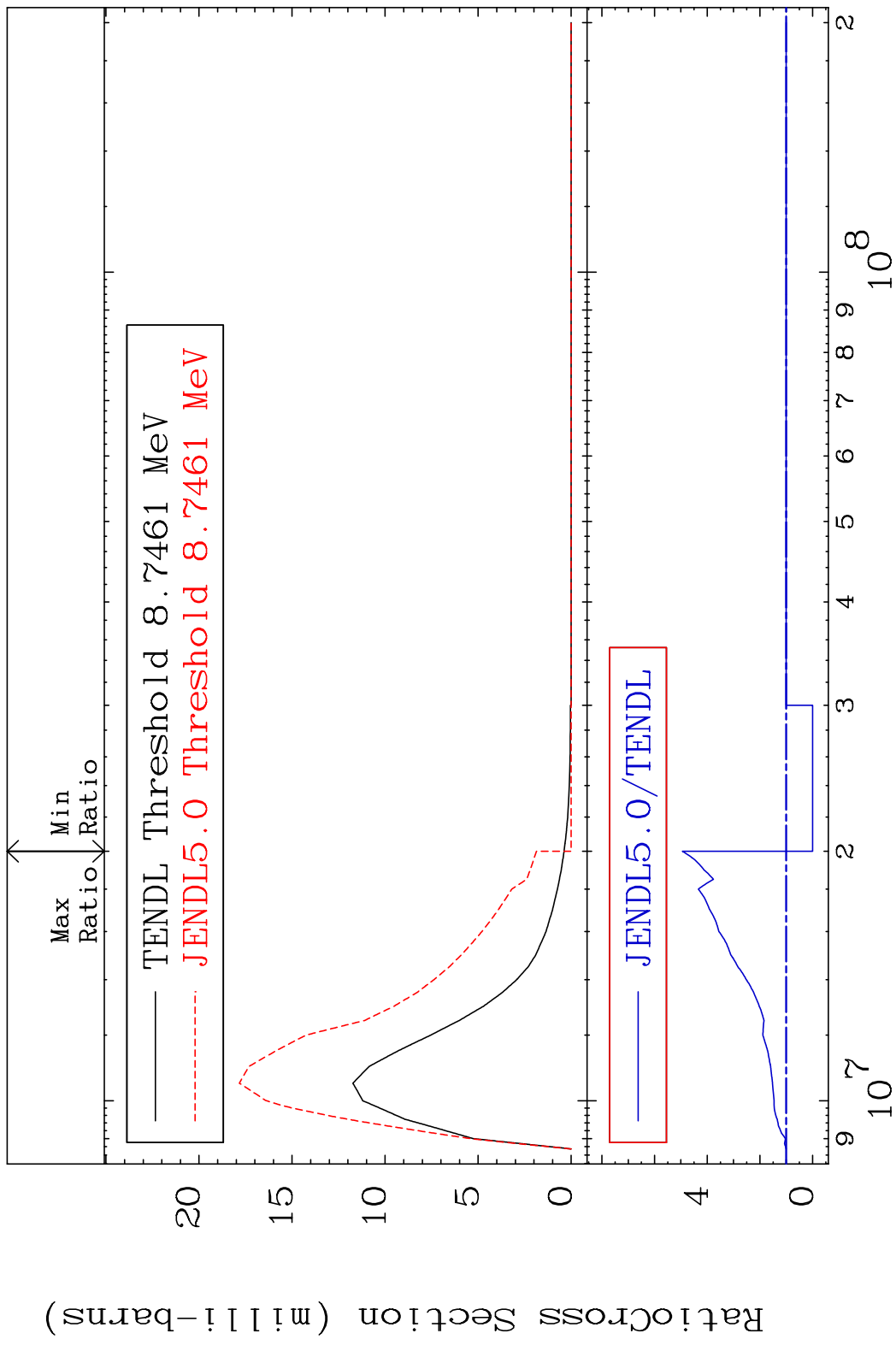
31 Incident Energy (eV) 8-0 -18

MAT 831 MT= 72 (n, n') Level 8-0 -18
 Cross Section -100.0 To 372.0 %

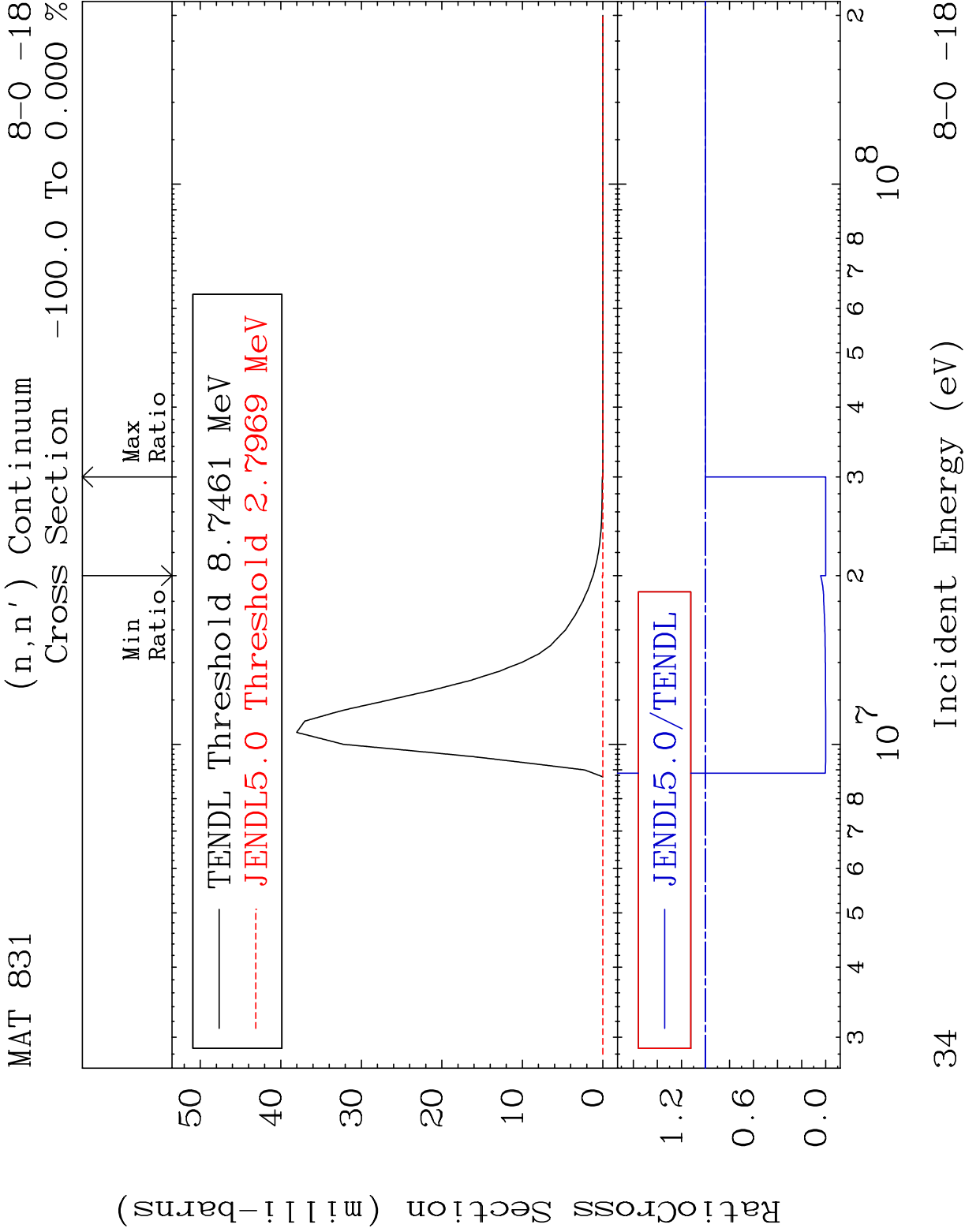


32 Incident Energy (eV) 8-0 -18

MAT 831 MT= 73 (n,n') Level 8-0 -18
 Cross Section -100.0 To 394.5 %



33 8-0 -18

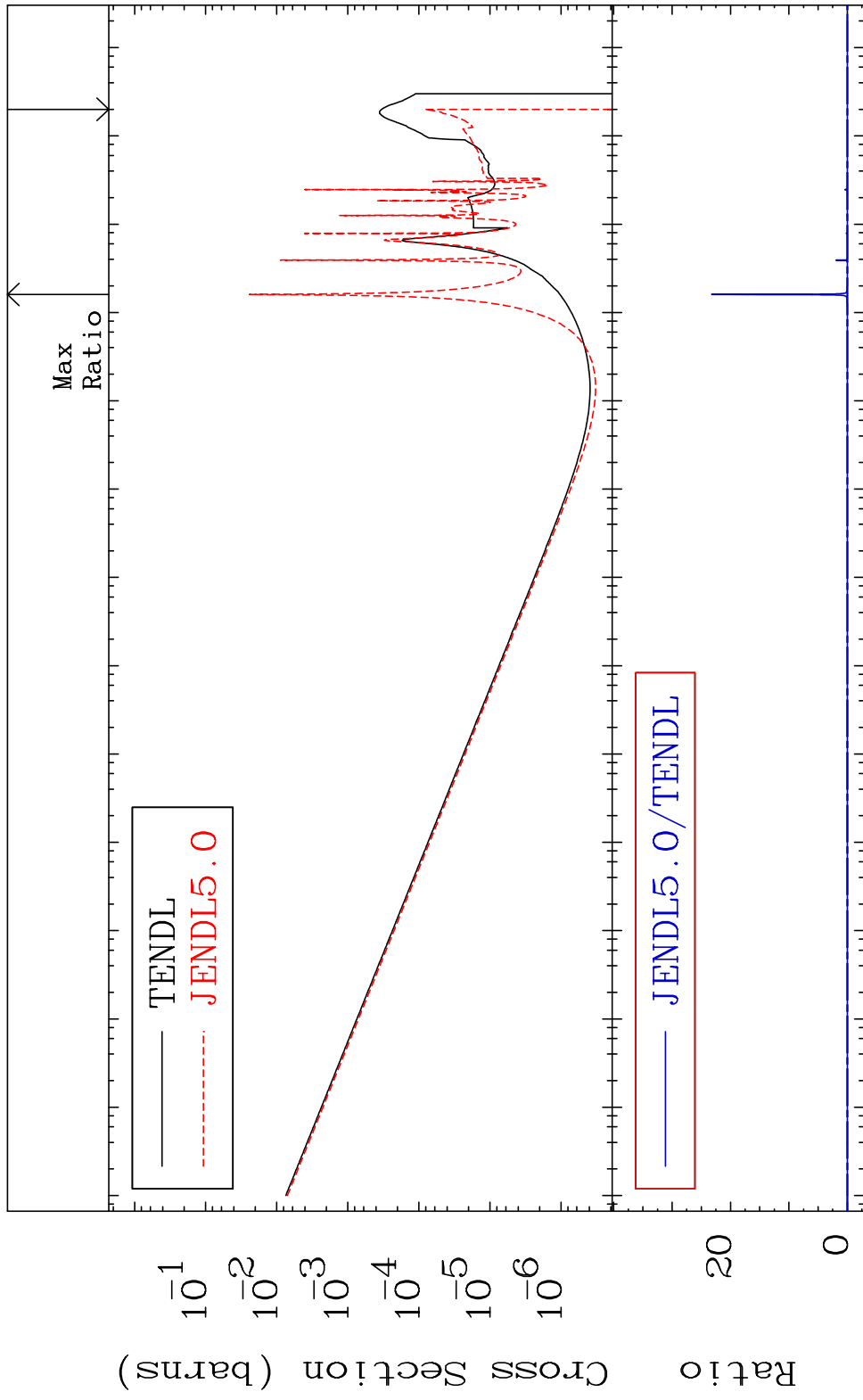


MAT 831

(n, γ)

Cross Section -100.0 To 9999. %

8-0 -18

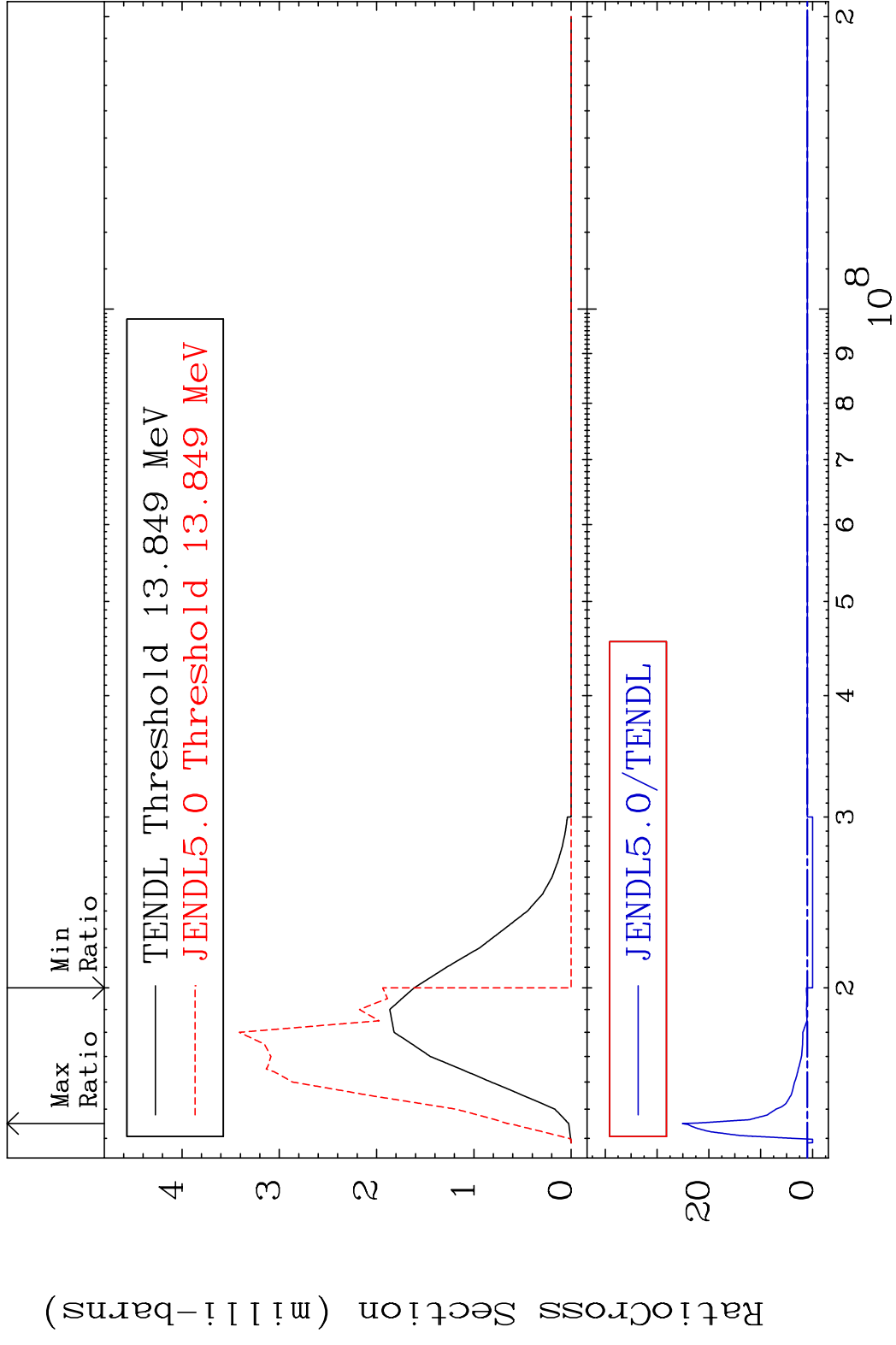


35

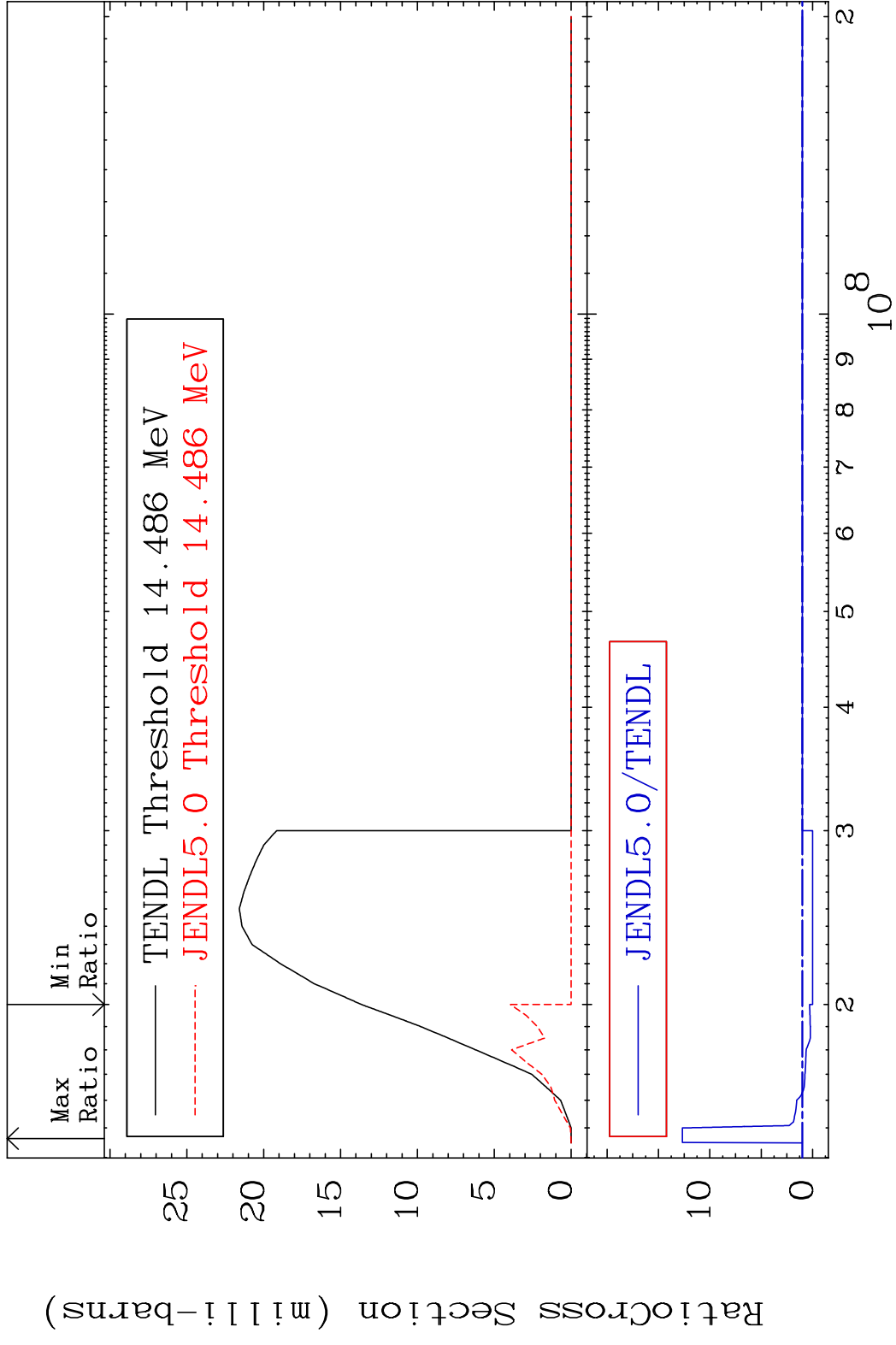
Incident Energy (eV)

8-0 -18

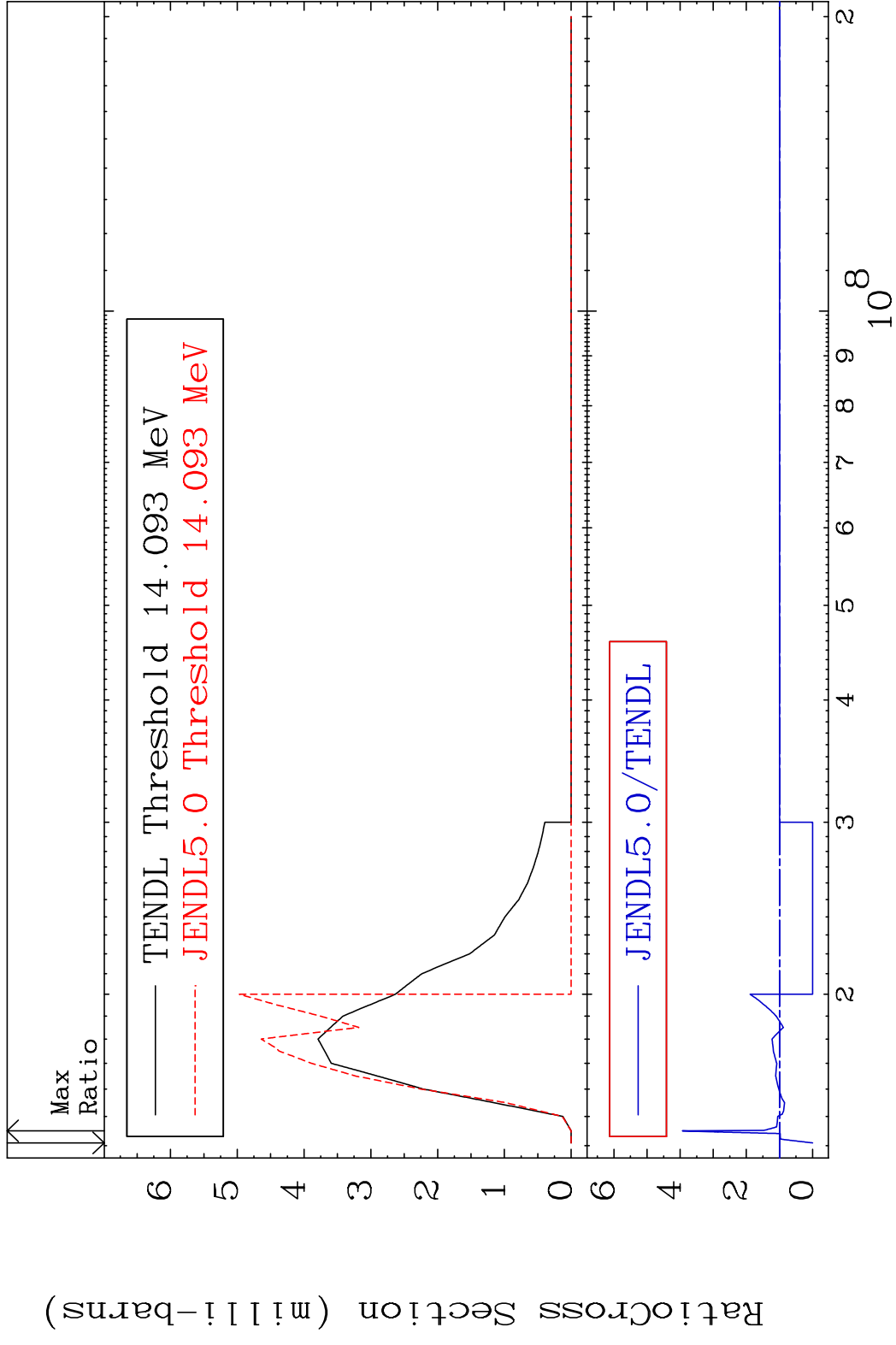
MAT 831 (n,p) Cross Section -100.0 To 2412. % 8-0 -18



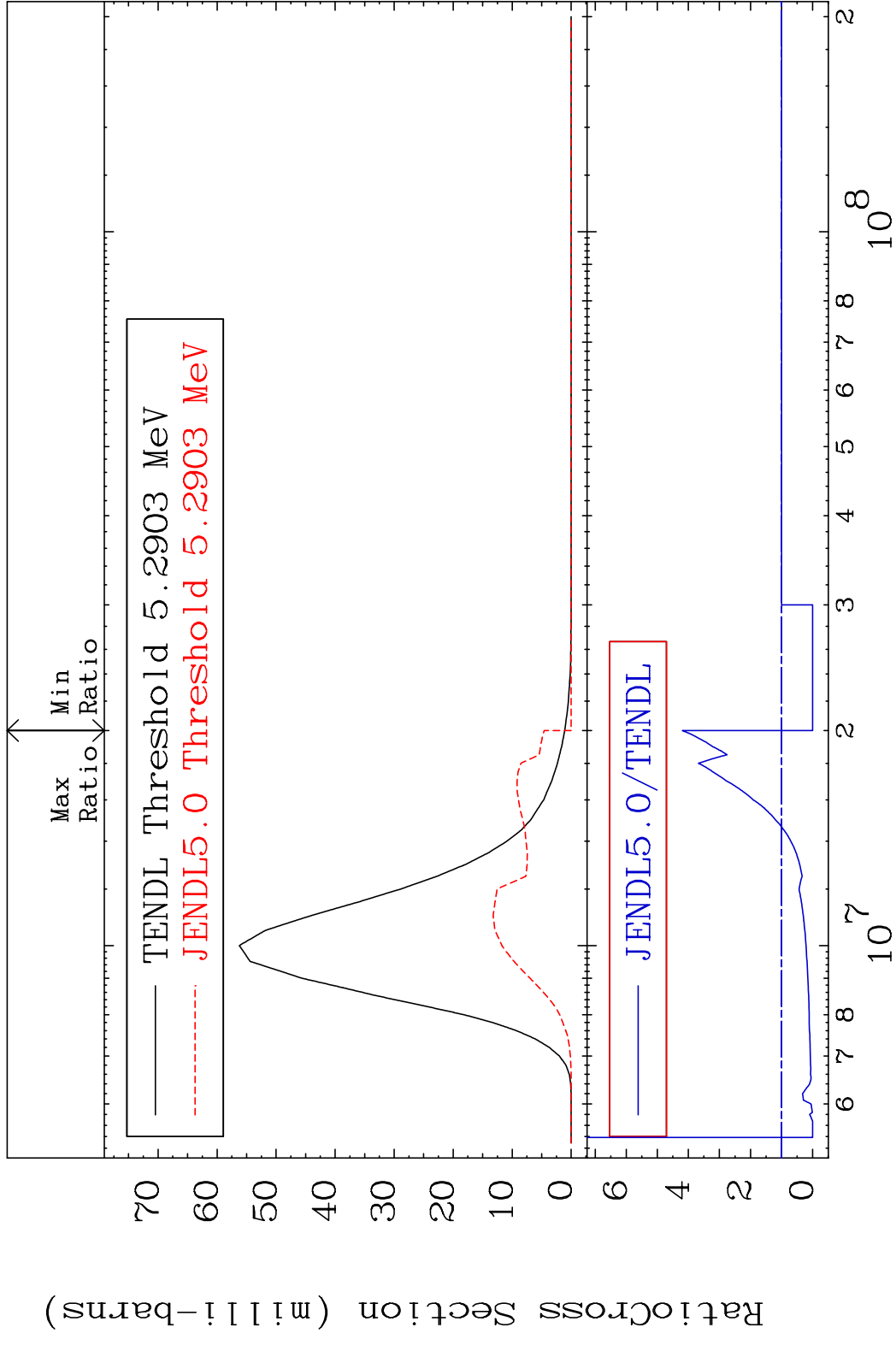
MAT 831 (n,d) Cross Section -100.0 To 1167. % 8-0 -18



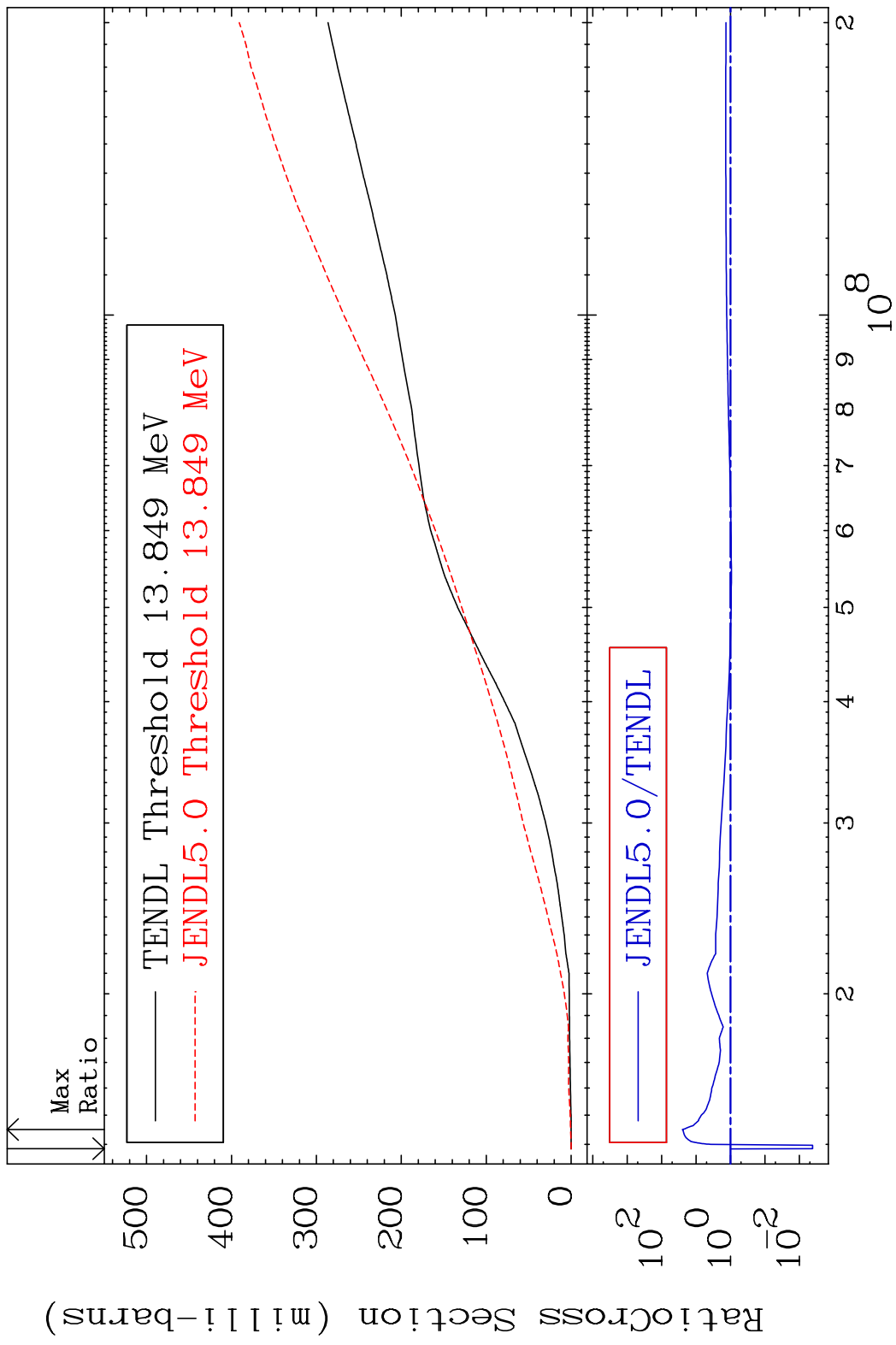
MAT 831 (n, t) Cross Section -100.0 To 293.3 % 8-0 -18



MAT 831 (n, α) Cross Section -100.0 To 319.5 % 8-0 -18

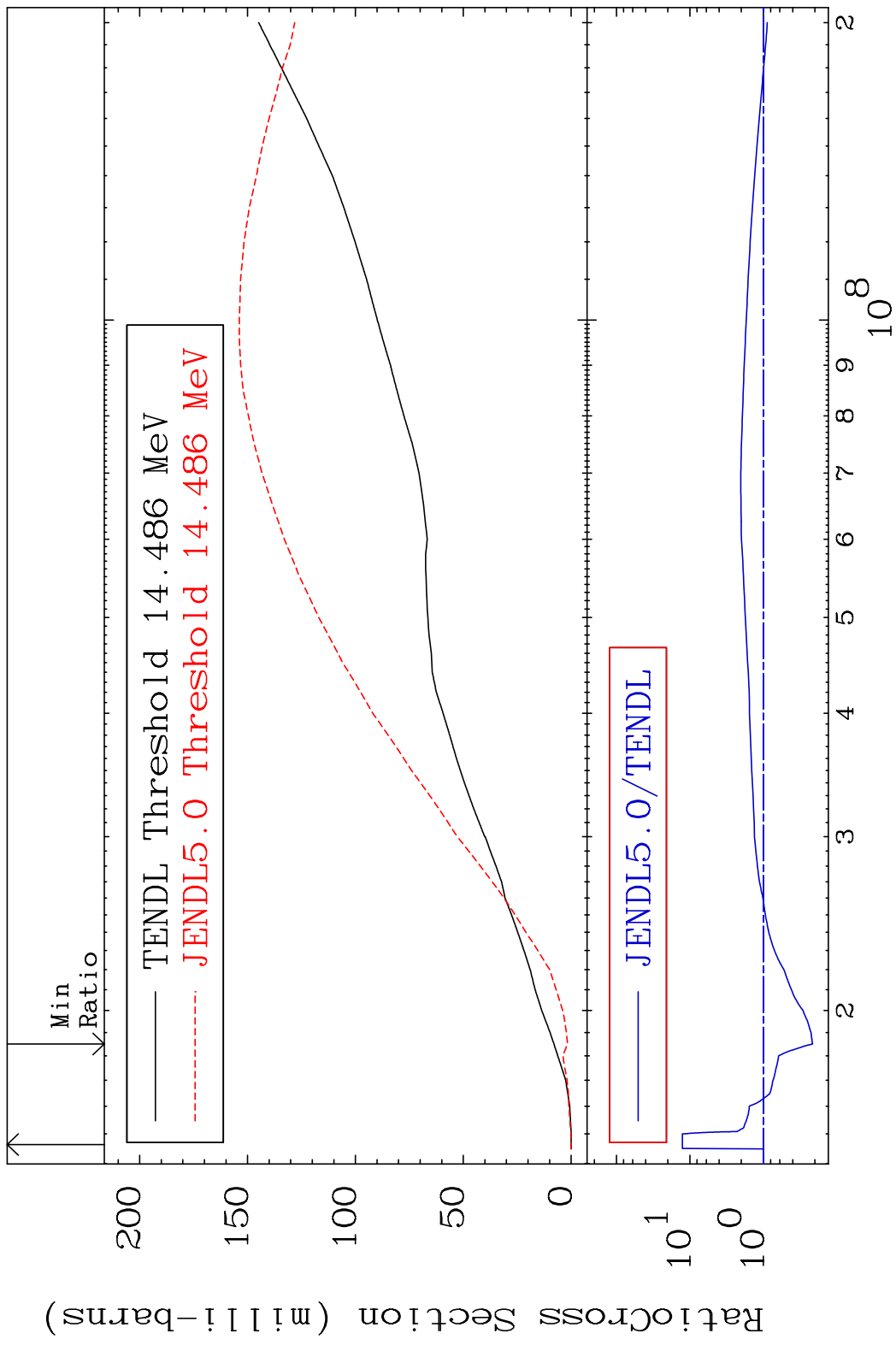


MAT 831 Hydrogen Production 8-0 -18
Cross Section -99.59 To 2412. %



40 Incident Energy (eV) 8-0 -18

MAT 831 Deuterium Production 8-0 -18
 Cross Section -78.54 To 1167. %

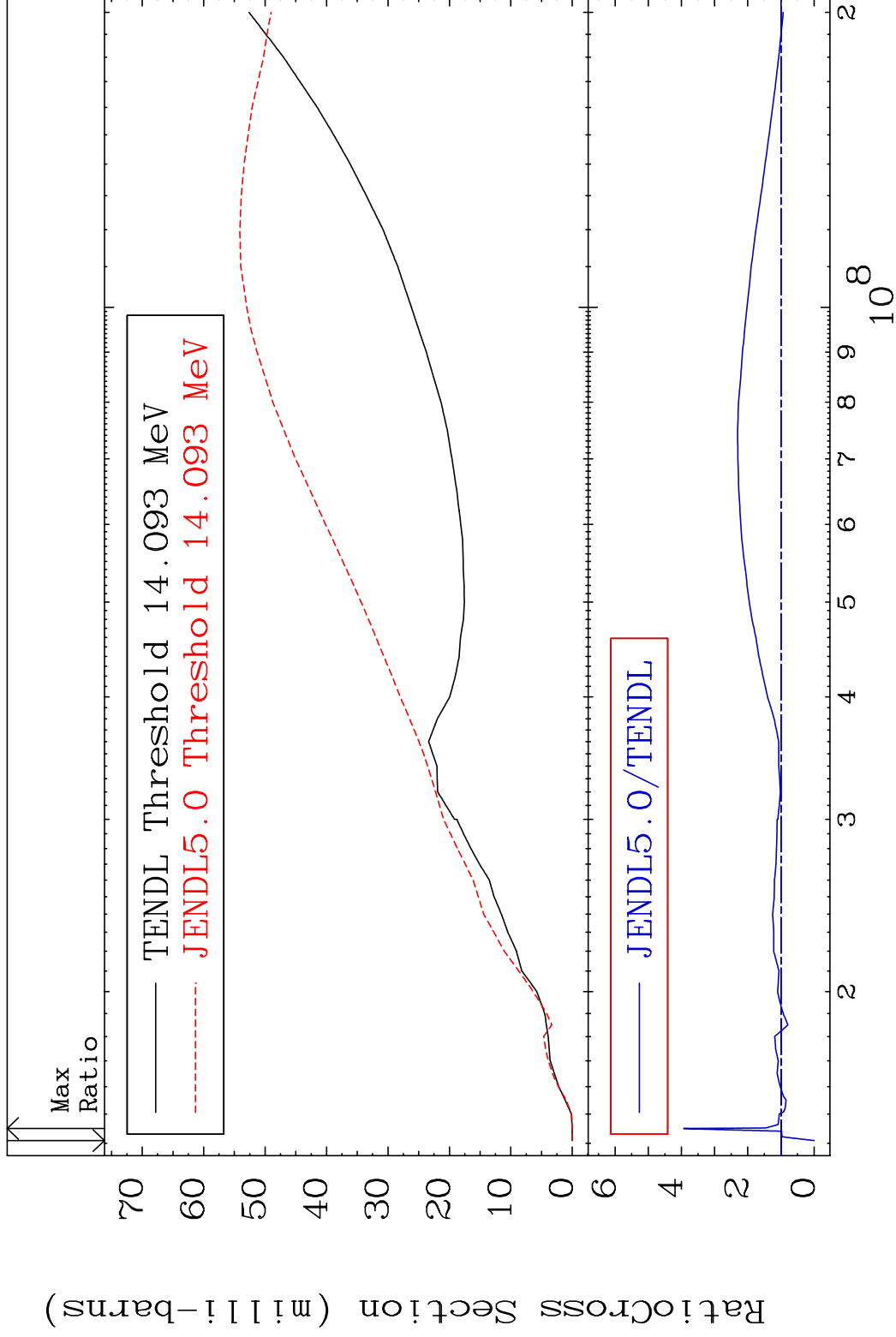


MAT 831

Tritium Production

8-0 -18

Cross Section -100.0 To 293.3 %

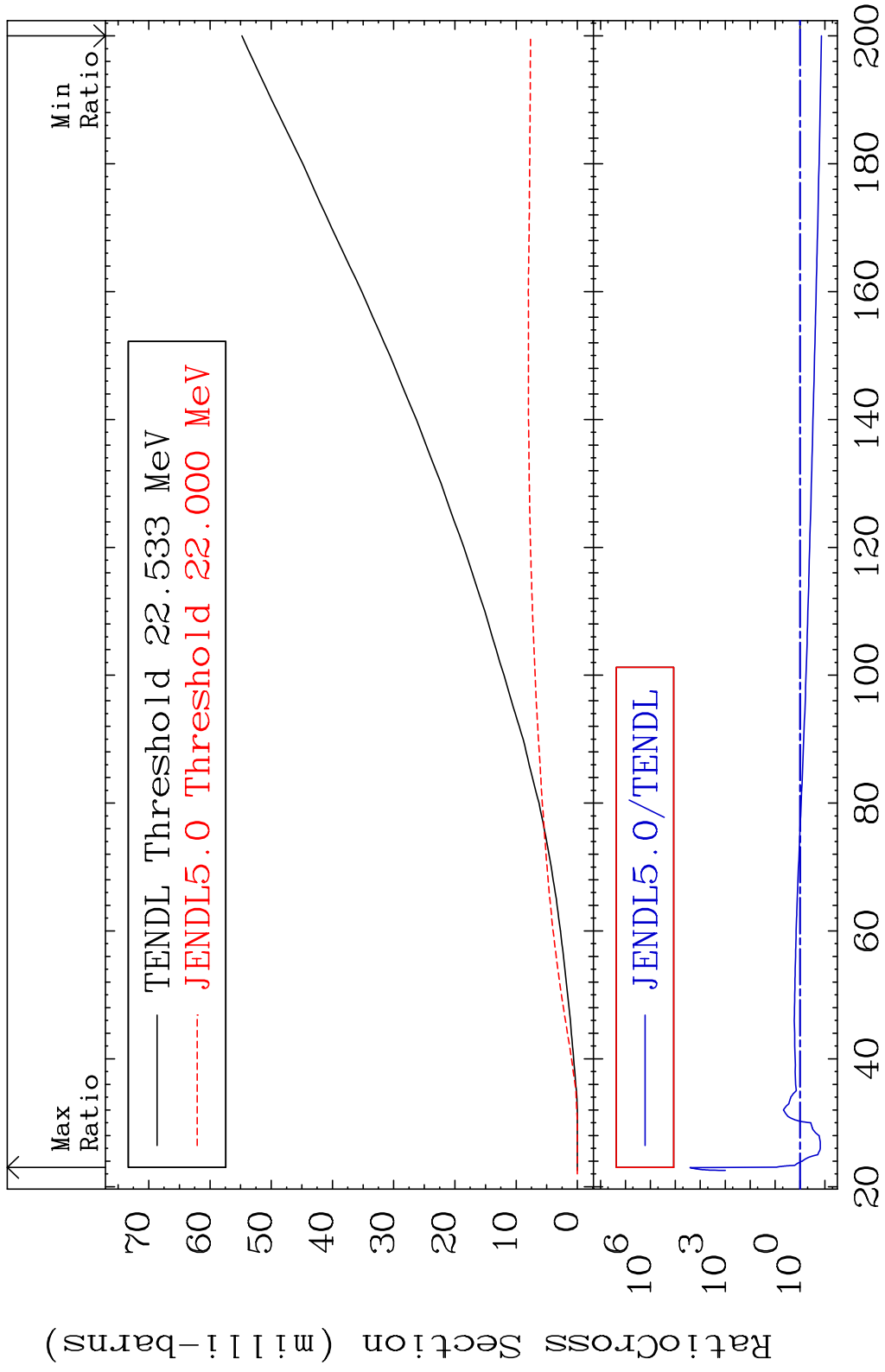


42

Incident Energy (eV)

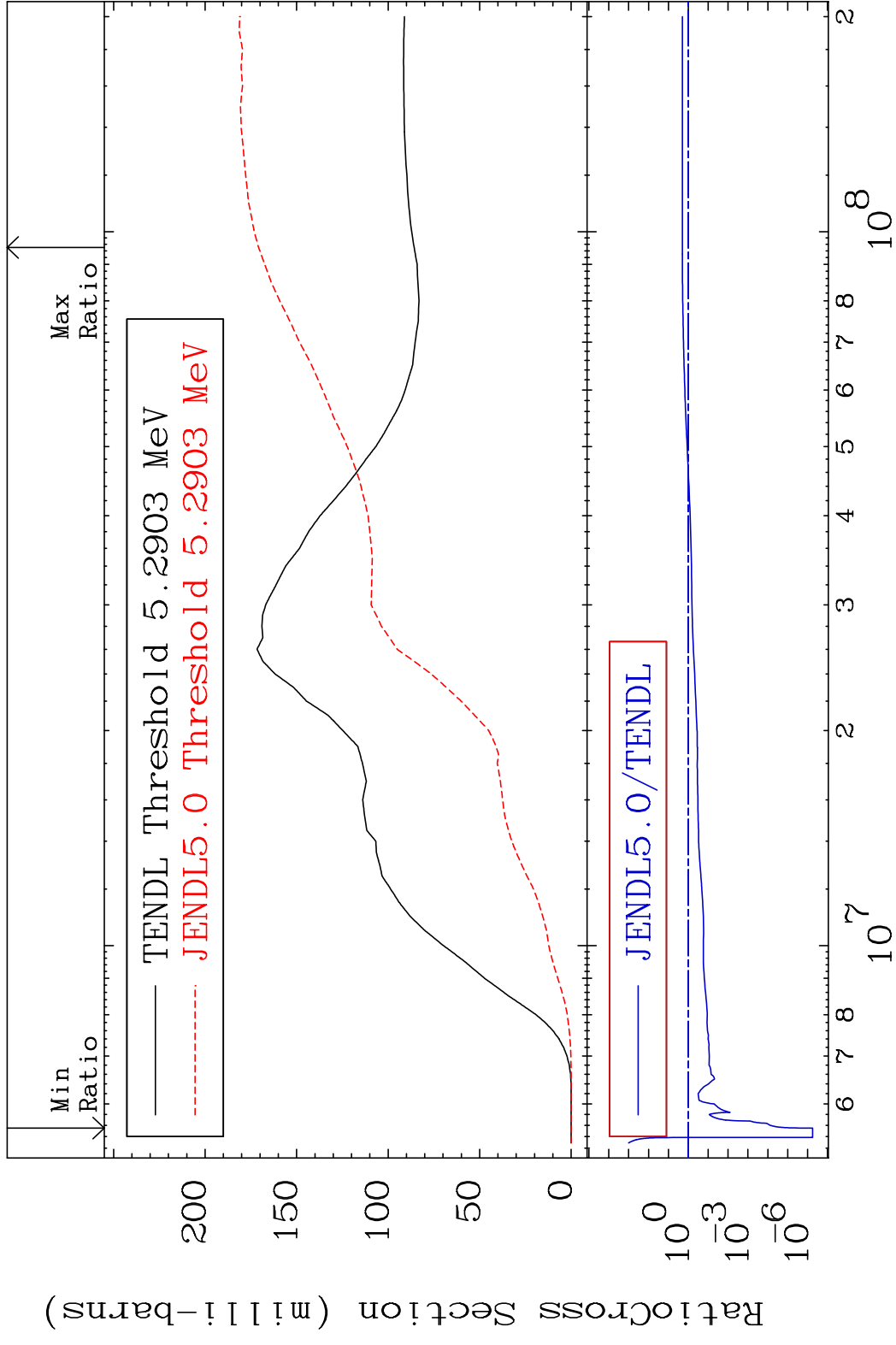
8-0 -18

MAT 831 He-3 Production 8-0 -18
 Cross Section -86.03 To 9999. %

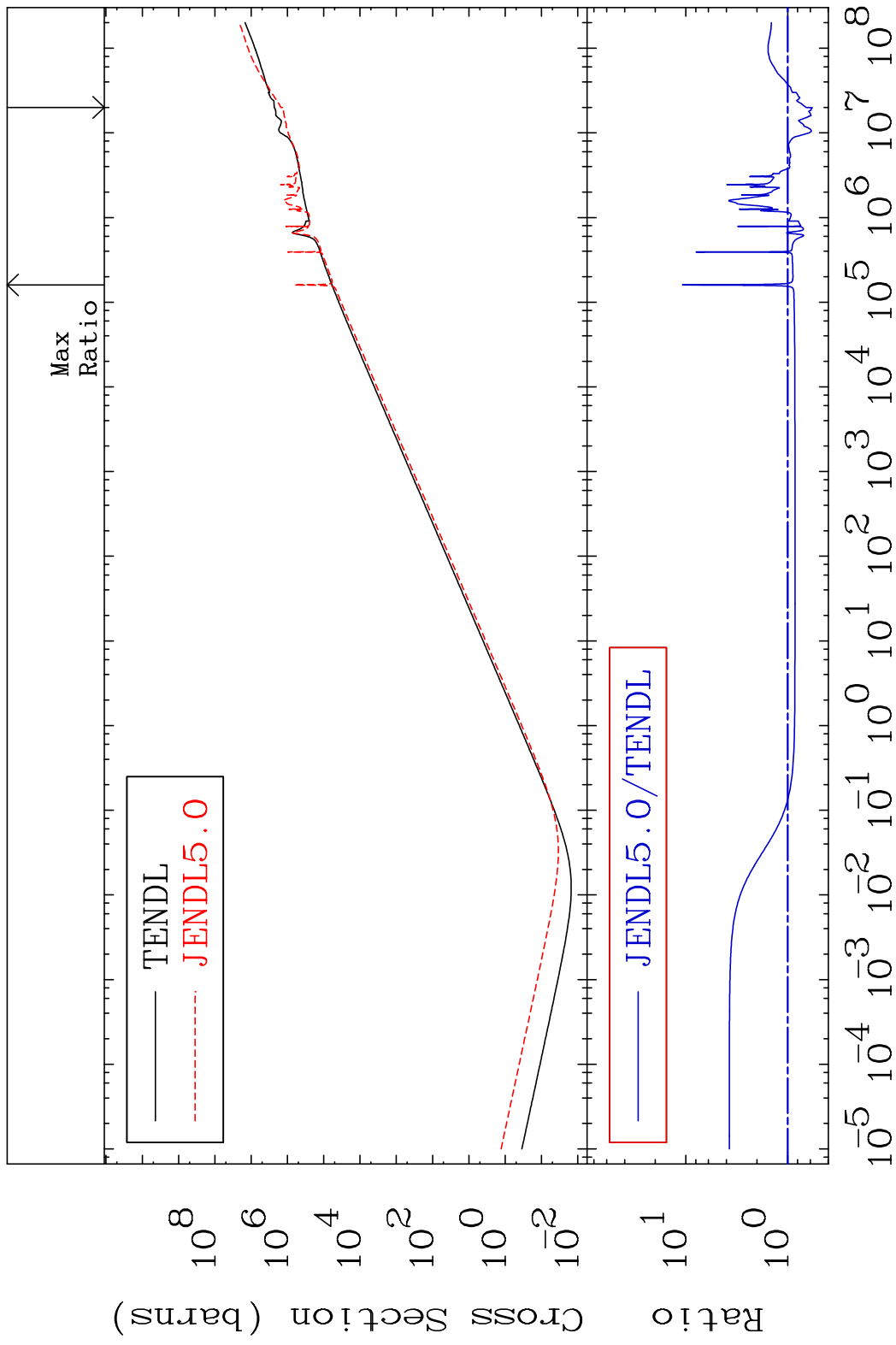


43 Incident Energy (MeV) 8-0 -18

MAT 831 He-4 Production Cross Section -100.0 To 99.04 % 8-0 -18



MAT 831 Kerma total (eV-barns) 8-0 -18
 Cross Section -43.06 To 983.7 %



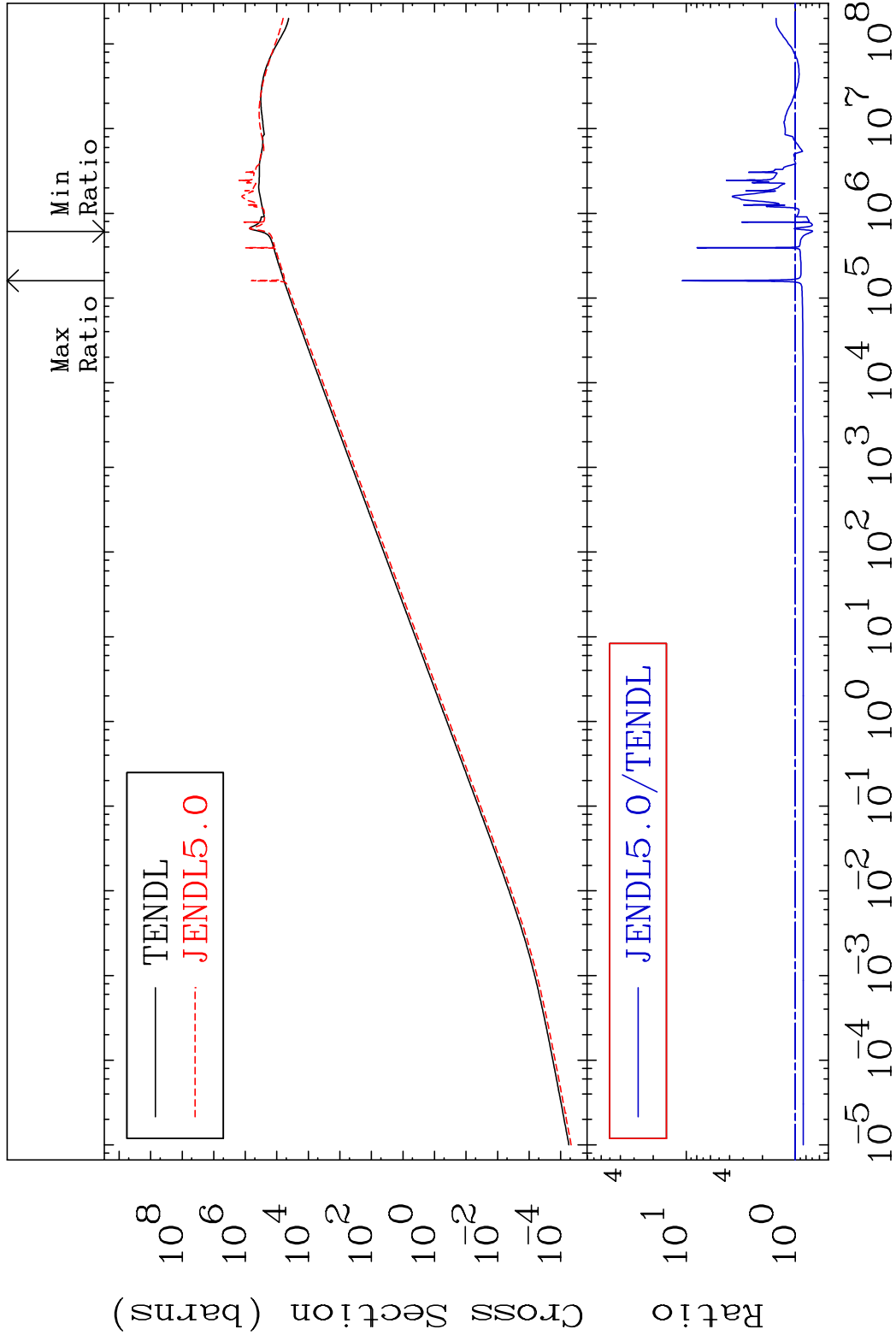
45 8-0 -18

MAT 831

Kerma elastic

8-0 -18

Cross Section -30.46 To 983.7 %

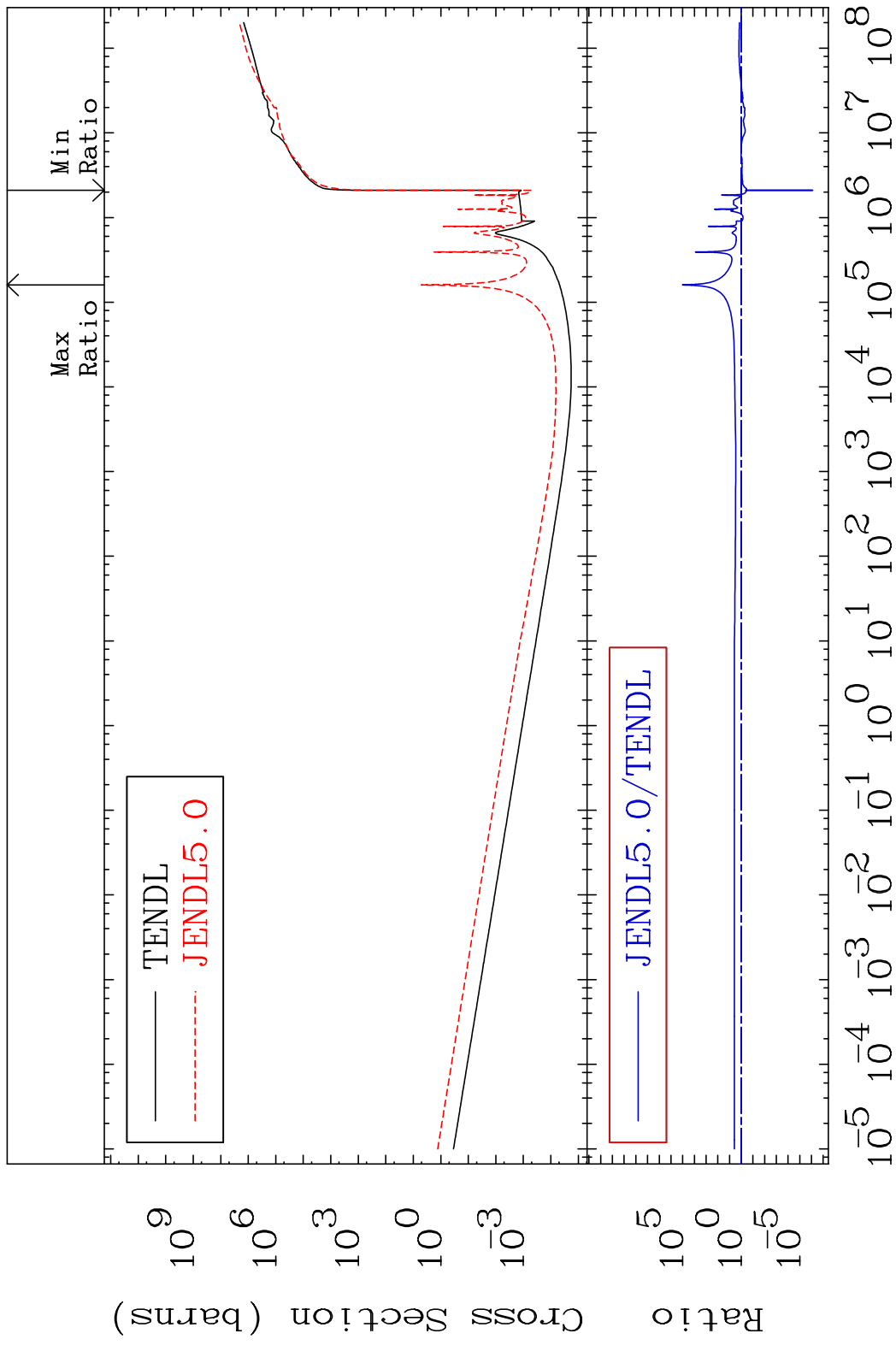


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Incident Energy (eV)

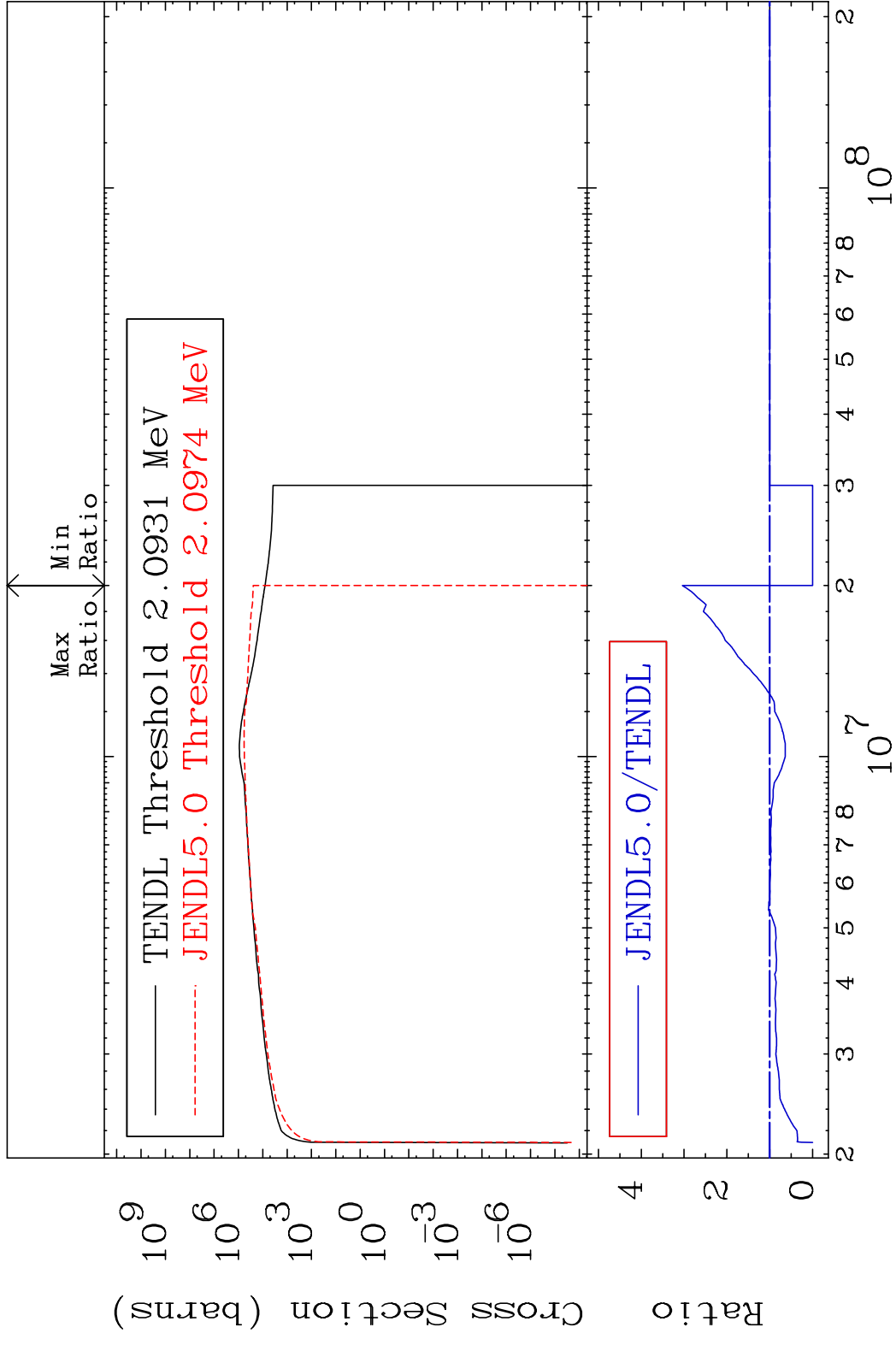
8-0 -18

MAT 831 Kerma non-elastic (all but mt2) 8-0 -18
 Cross Section -100.0 To 9999. %



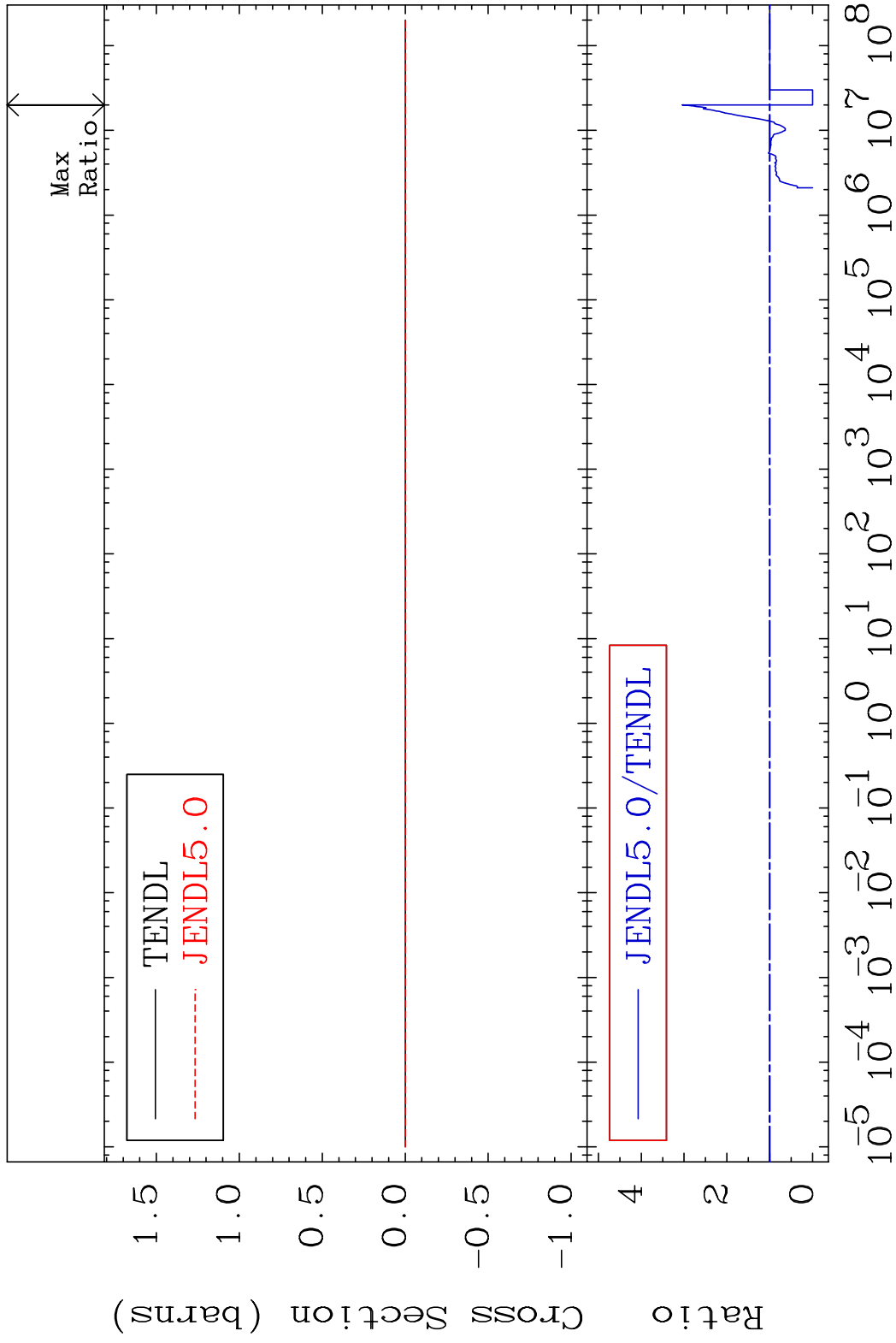
47 Incident Energy (eV) 8-0 -18

MAT 831 Kerma inelastic (mt51-91) 8-0 -18
 Cross Section -100.0 To 204.1 %



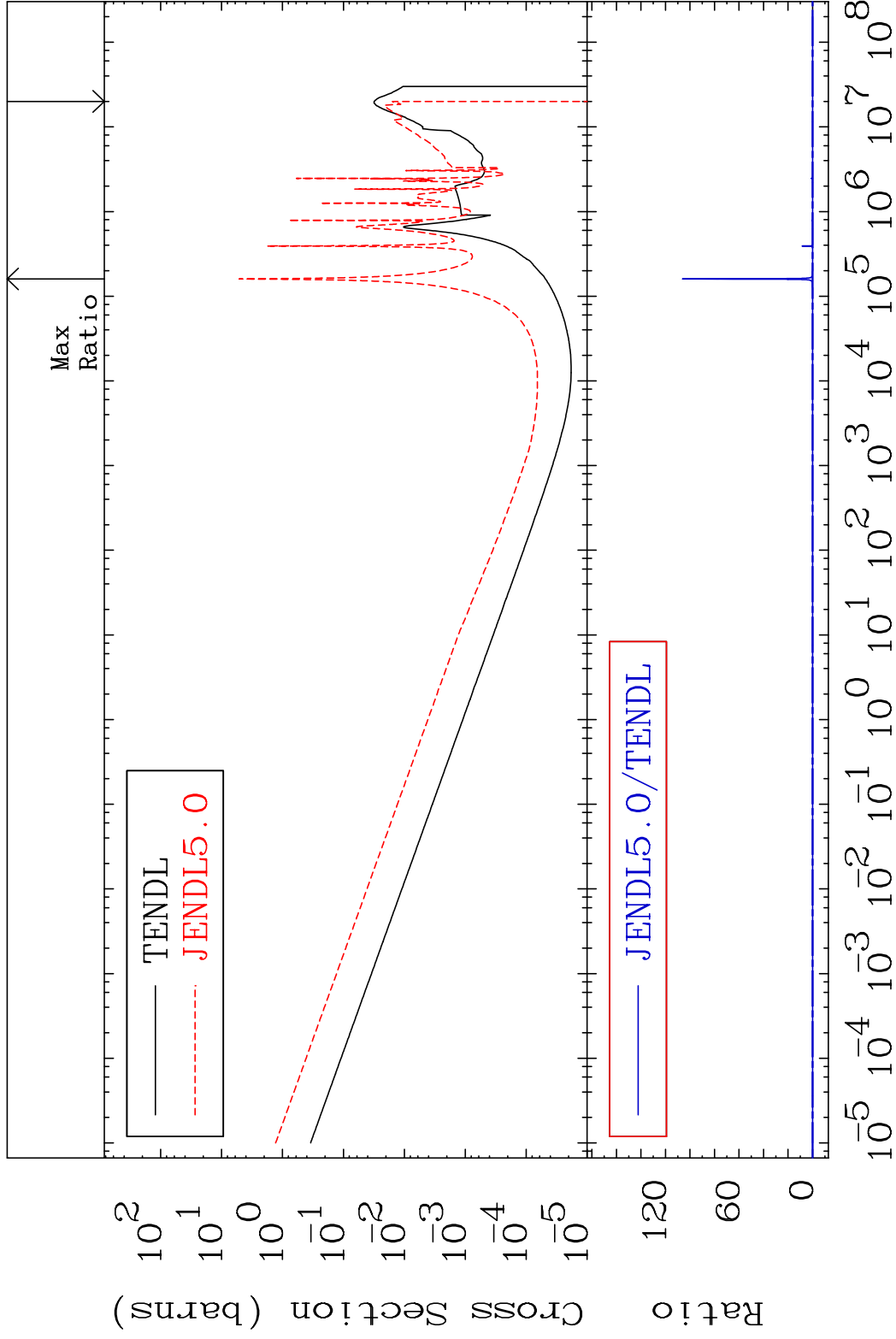
48 Incident Energy (eV) 8-0 -18

MAT 831 Kerma fission (mt18 or mt19-20-21-38) 8-0 -18
 Cross Section -100.0 To 204.1 %



MAT 831

Kerma capture (mt102) 8-0 -18
Cross Section -100.0 To 9999. %

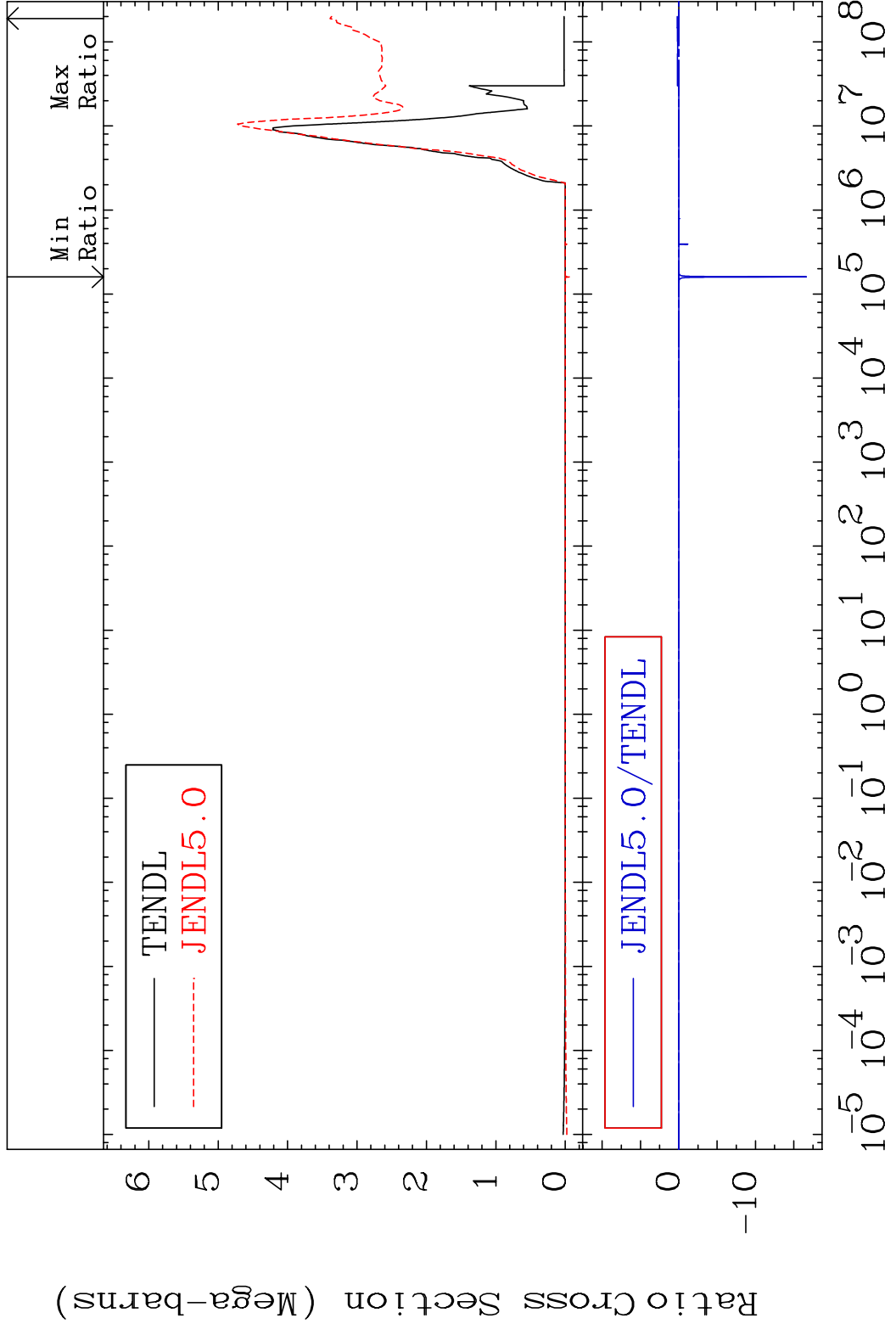


50

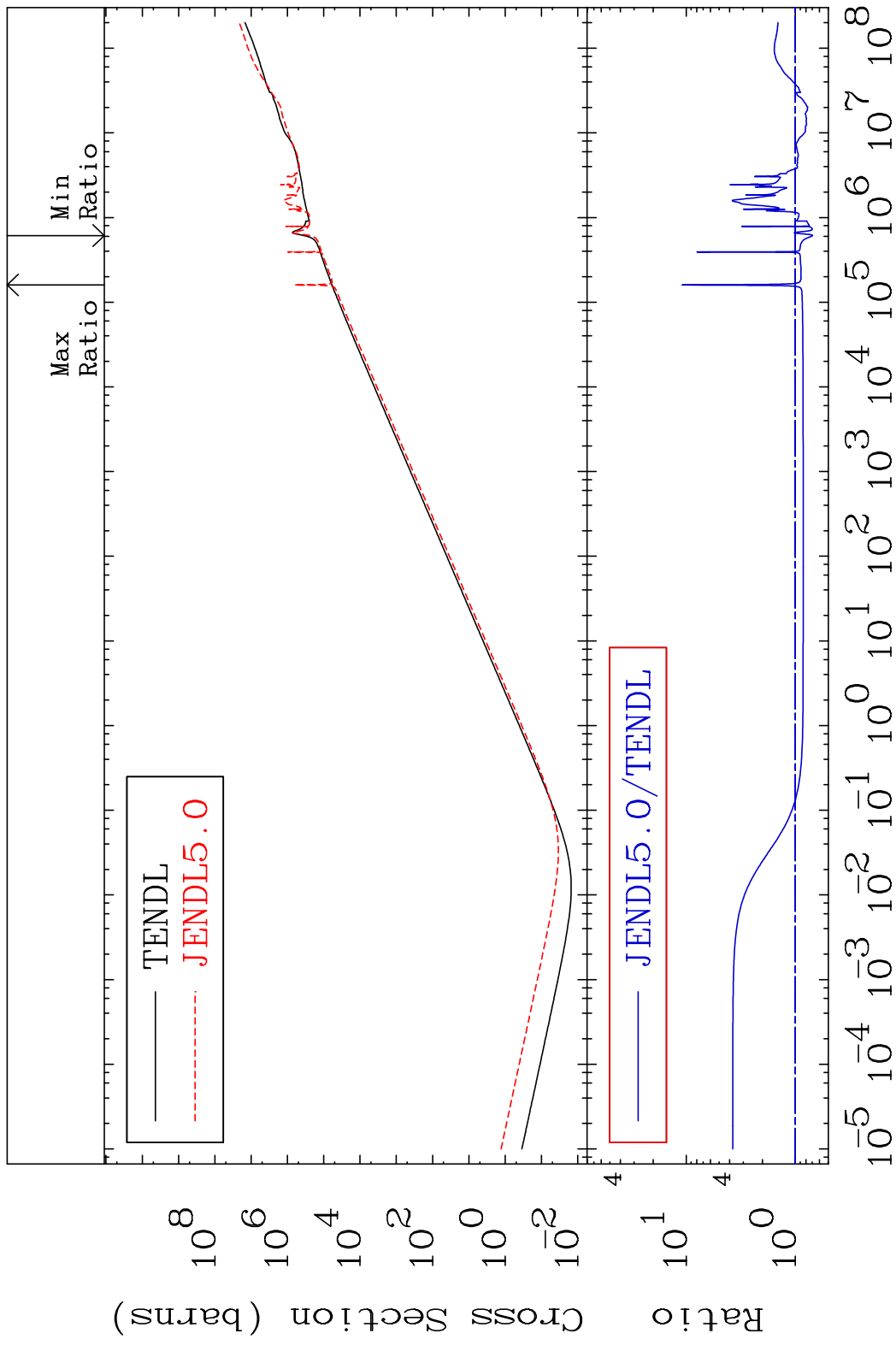
Incident Energy (eV)

8-0 -18

MAT 831 Total photon (eV-barns) 8-0 -18
 Cross Section -9999. To 9999. %



MAT 831 Total kinematic kerma (high limit) 8-0 -18
 Cross Section -30.46 To 983.7 %

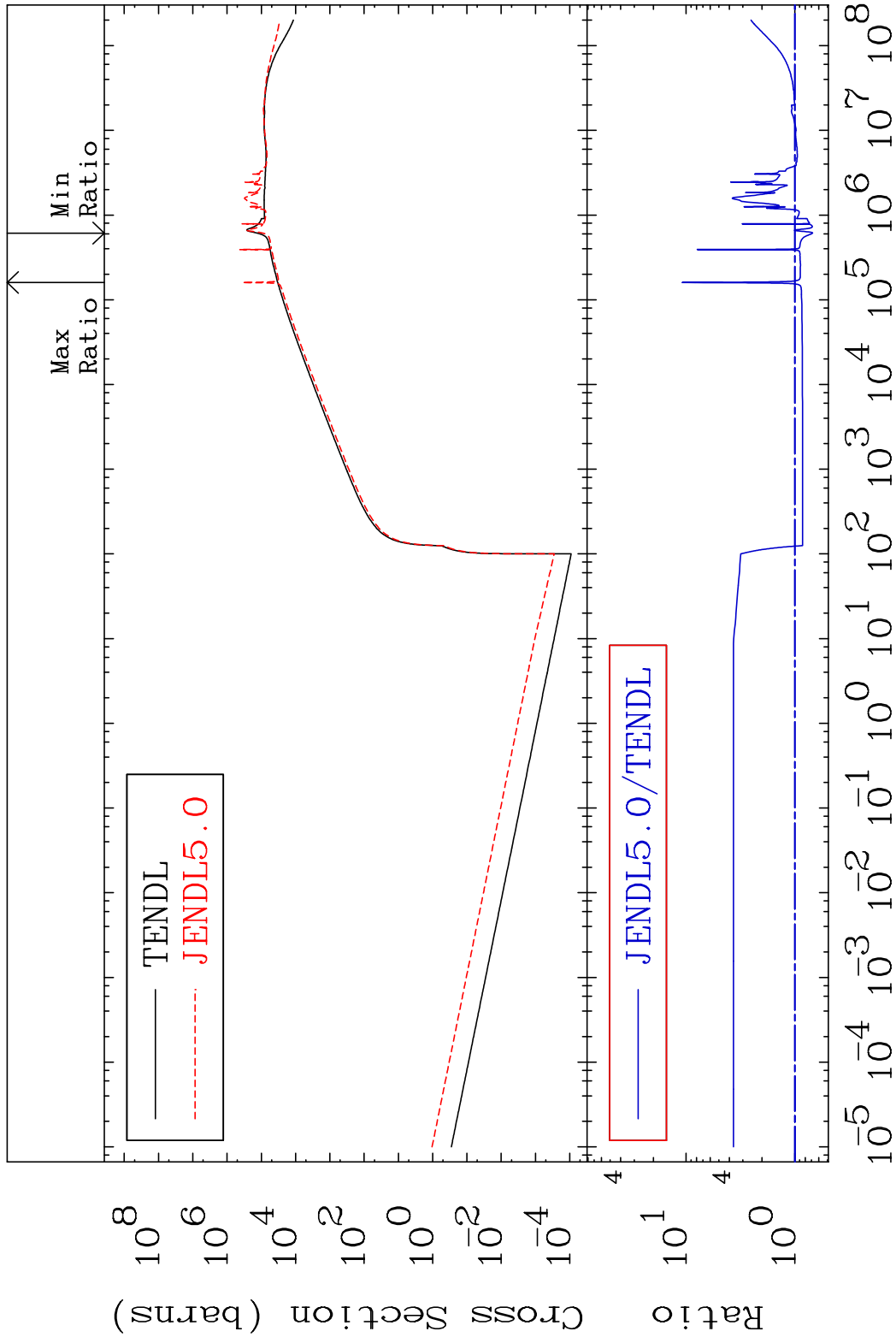


MAT 831

Dpa total (eV-barns)

8-0 -18

Cross Section -31.47 To 981.7 %

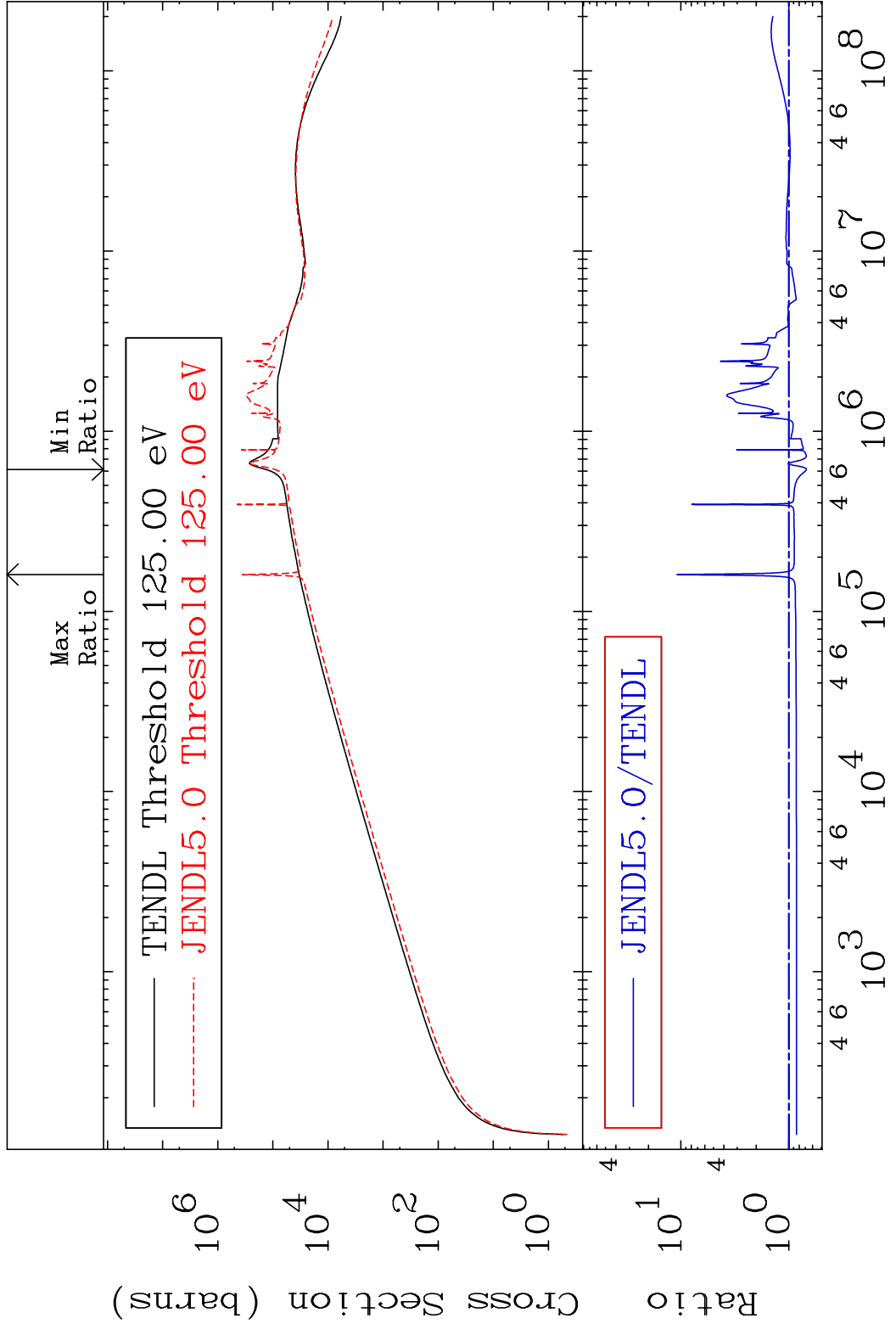


53

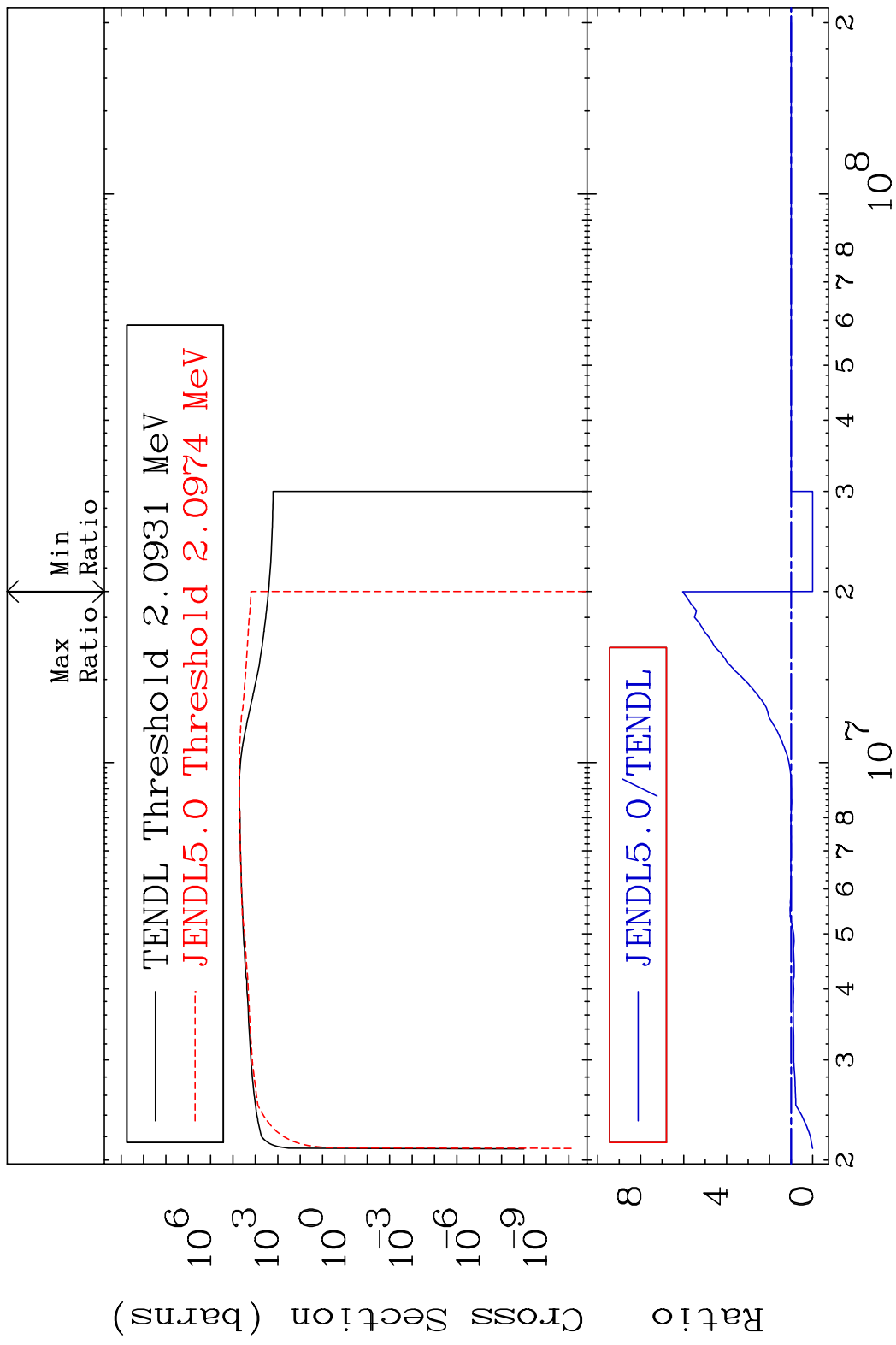
Incident Energy (eV)

8-0 -18

MAT 831 Dpa elastic (mt2) 8-0 -18
 Cross Section -31.47 To 981.7 %



MAT 831 Dpa inelastic (mt51-91) 8-0 -18
 Cross Section -100.0 To 506.0 %



MAT 831 Dpa disappearance (mt102 -120) 8-0 -18
 Cross Section -100.0 To 9999. %

