

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

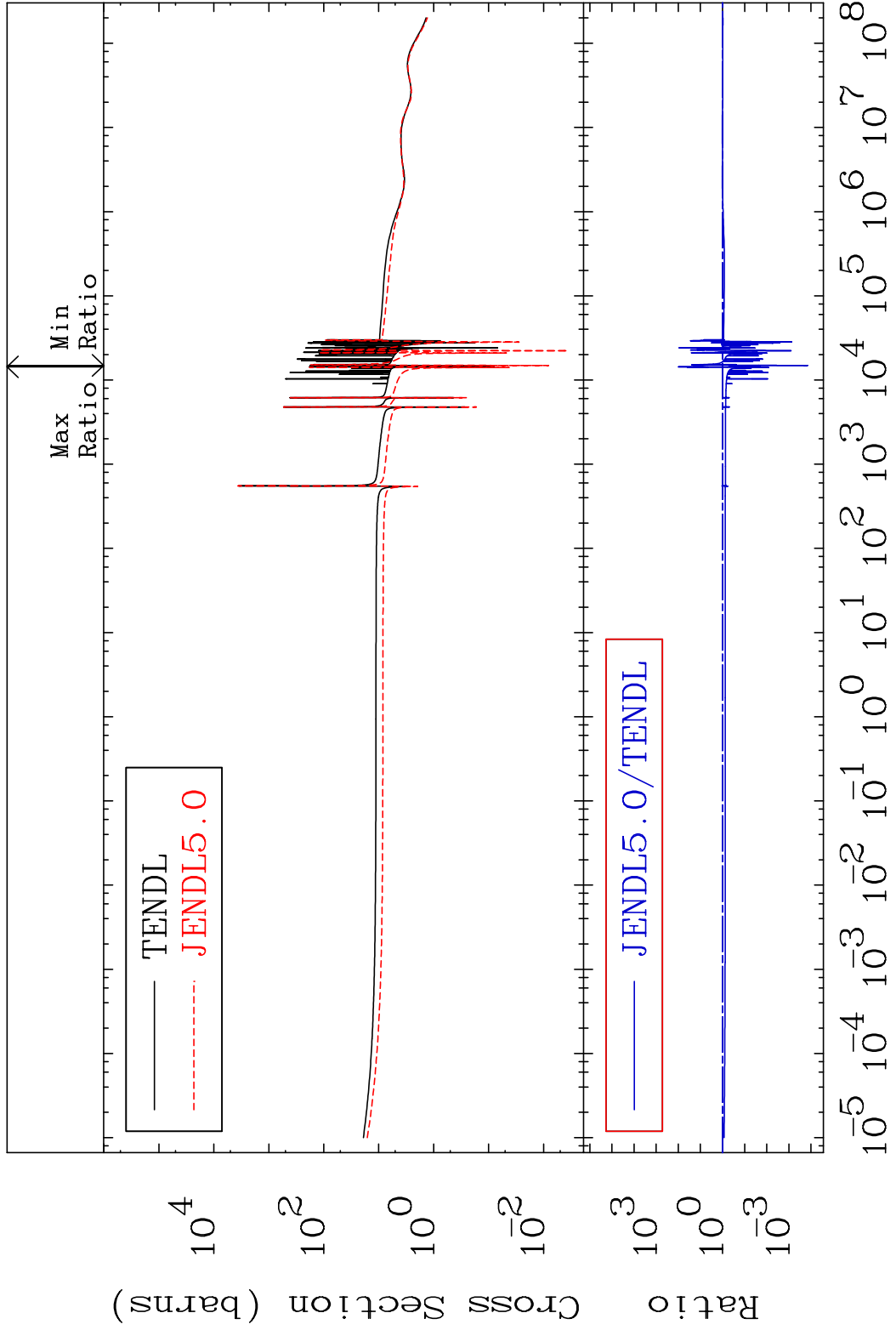
U.S.A.

Tele: 925-443-1911

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

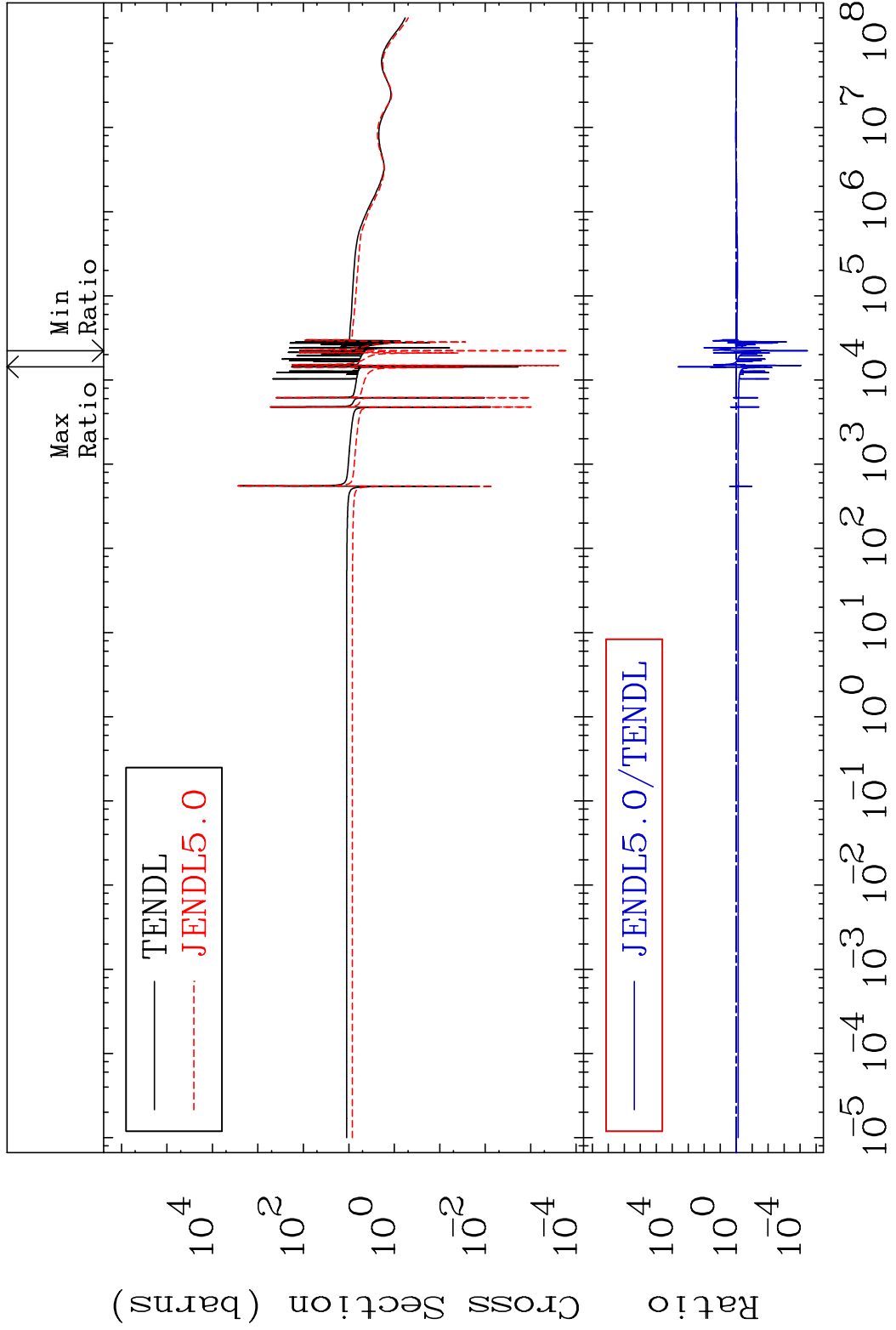
Press Mouse Button to Start

MAT 3243 Total 32-Ge-76
 Cross Section -99.99 To 9901. %

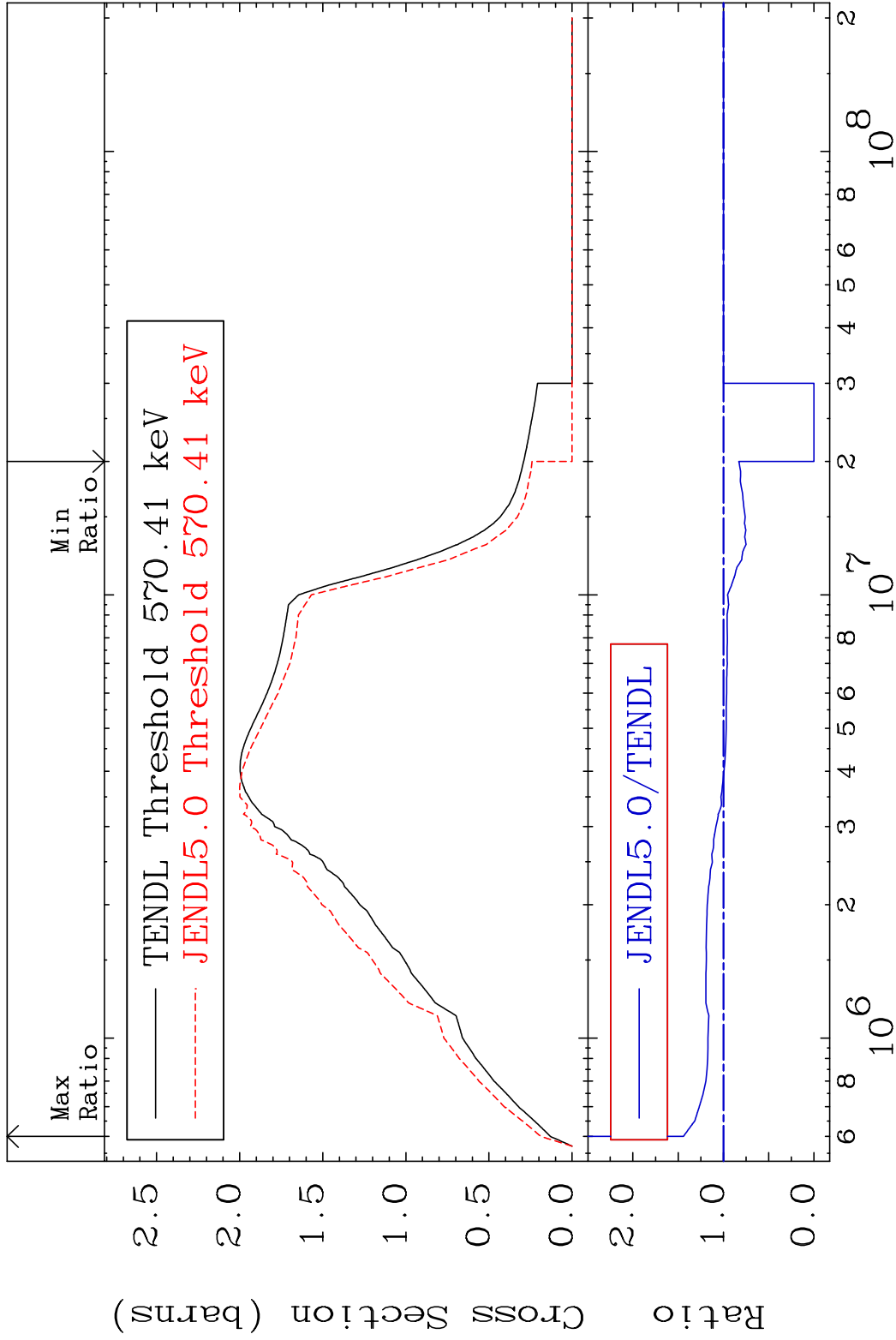


1 Incident Energy (eV) 32-Ge-76

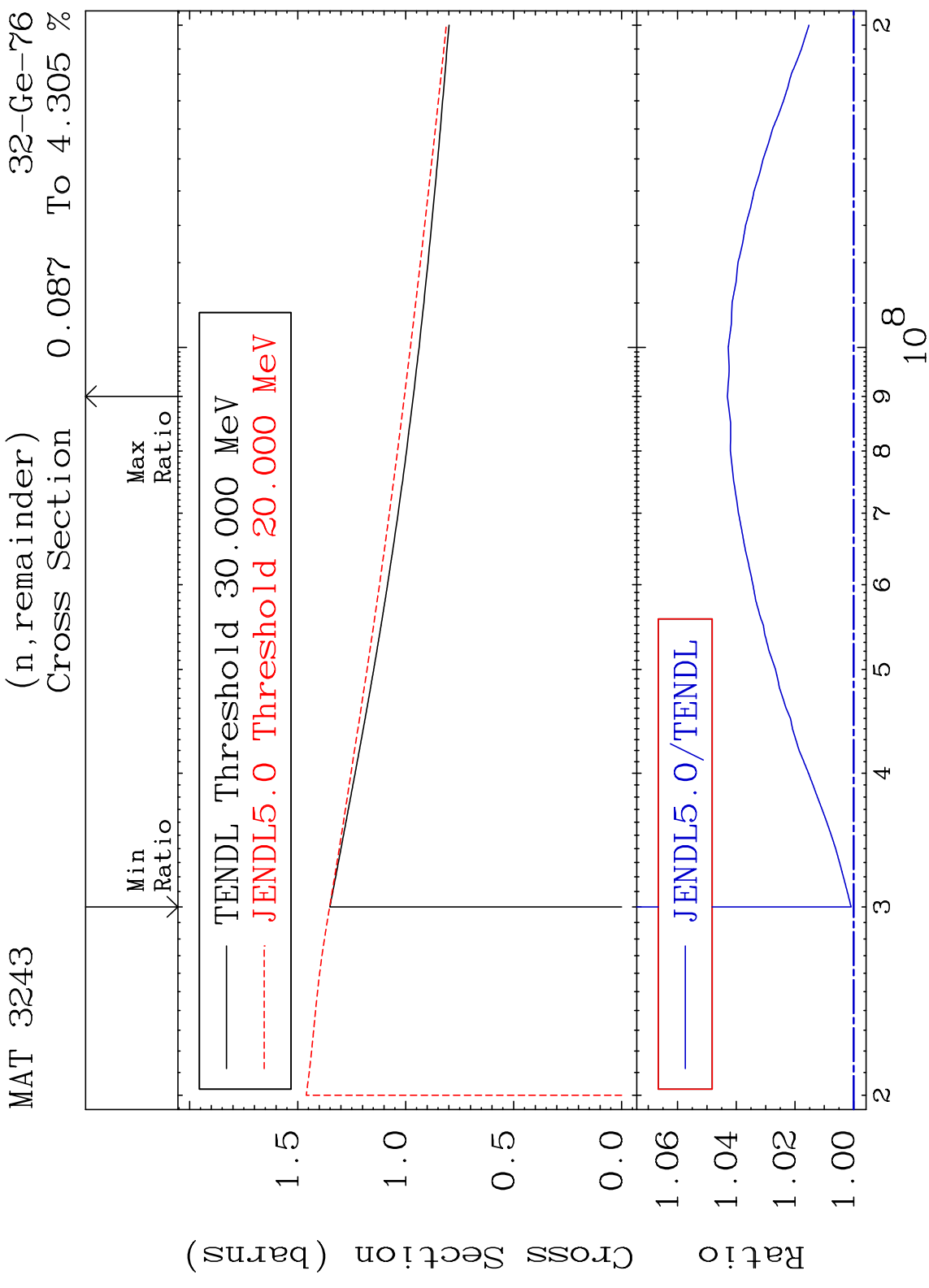
MAT 3243 Elastic 32-Ge-76
Cross Section -100.0 To 9999. %



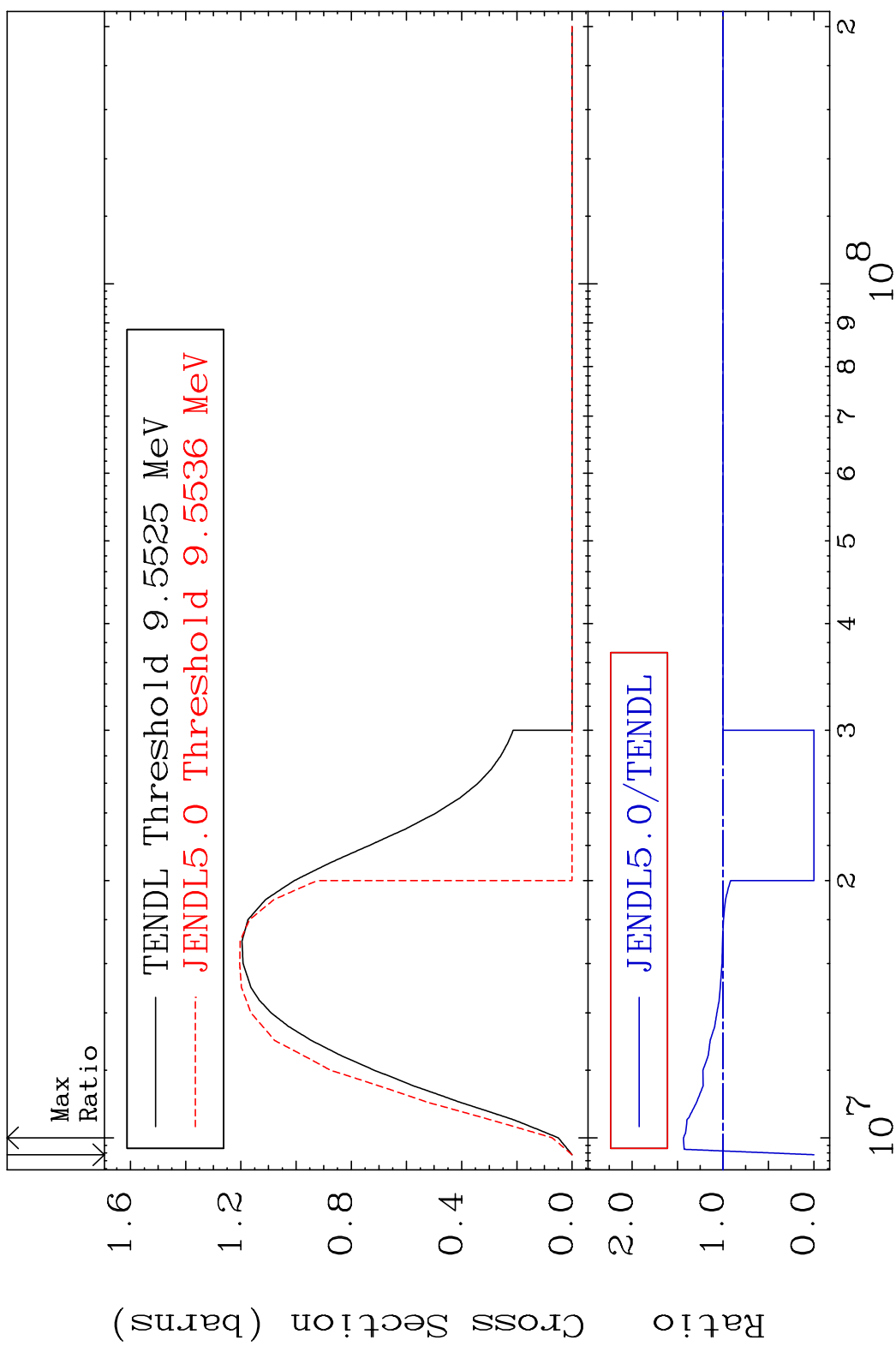
MAT 3243 Inelastic Cross Section -100.0 To 44.12 % 32-Ge-76



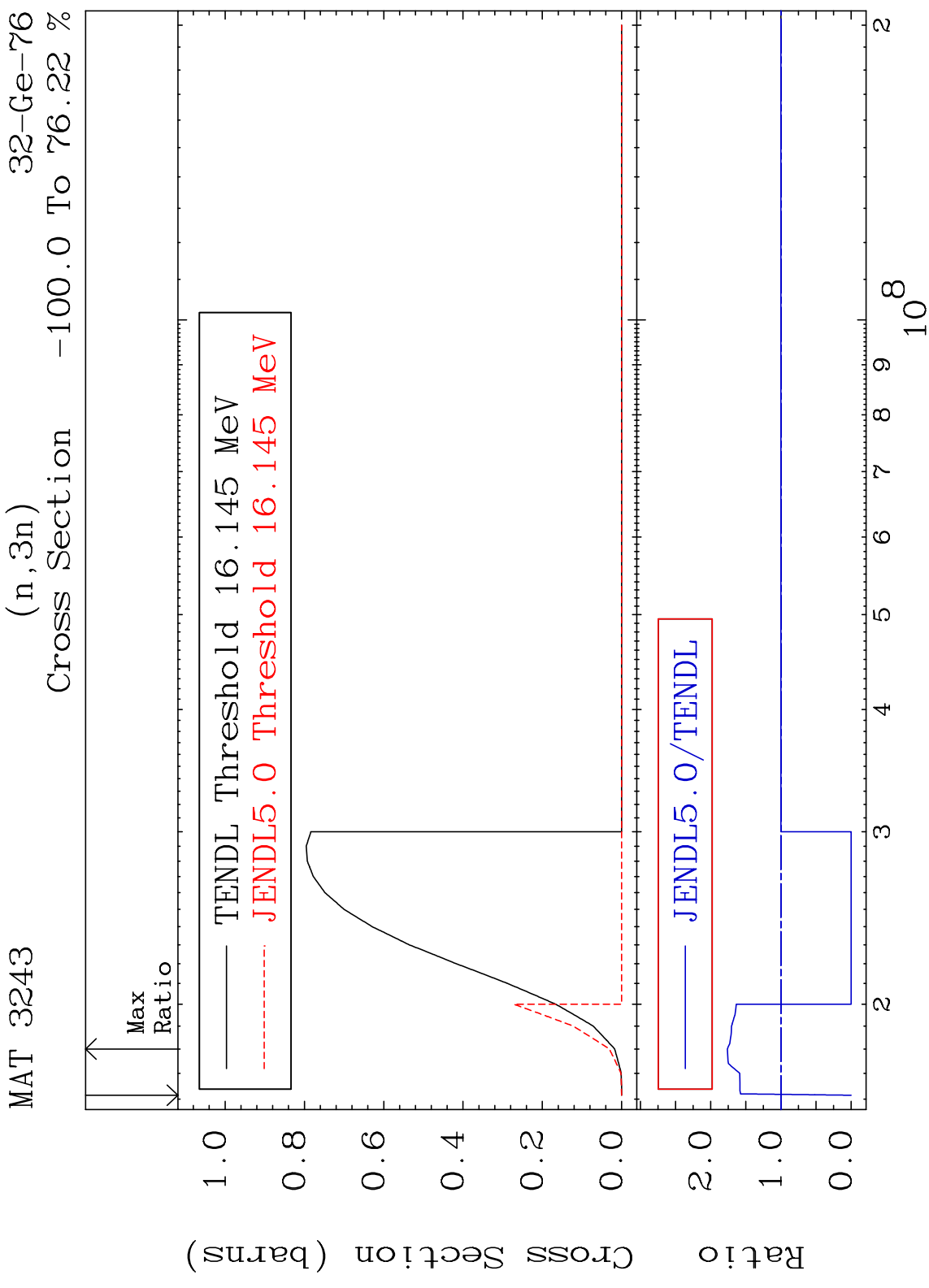
3 Incident Energy (eV) 32-Ge-76



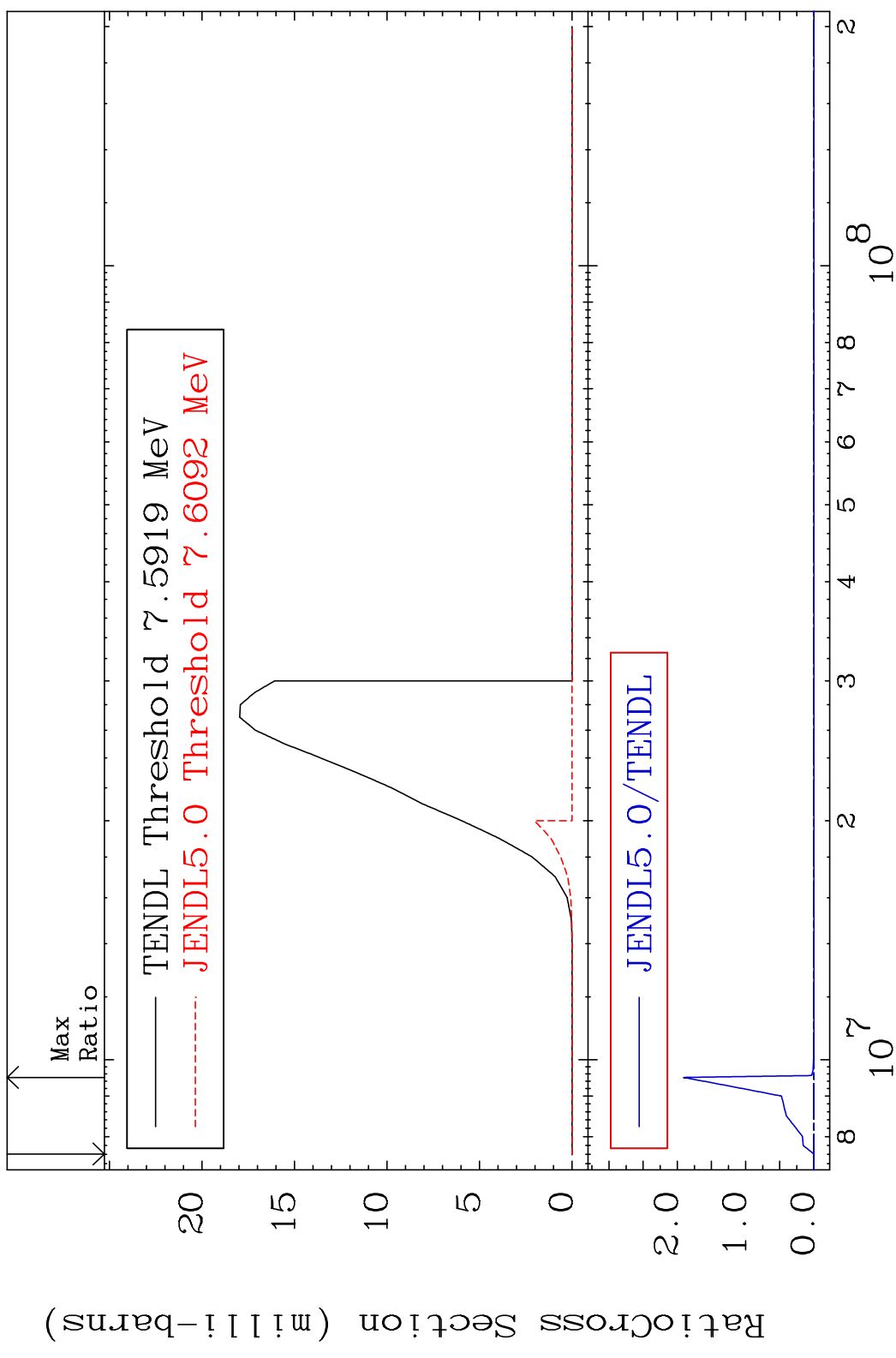
MAT 3243 (n,2n) 32-Ge-76
 Cross Section -100.0 To 43.47 %



5 32-Ge-76

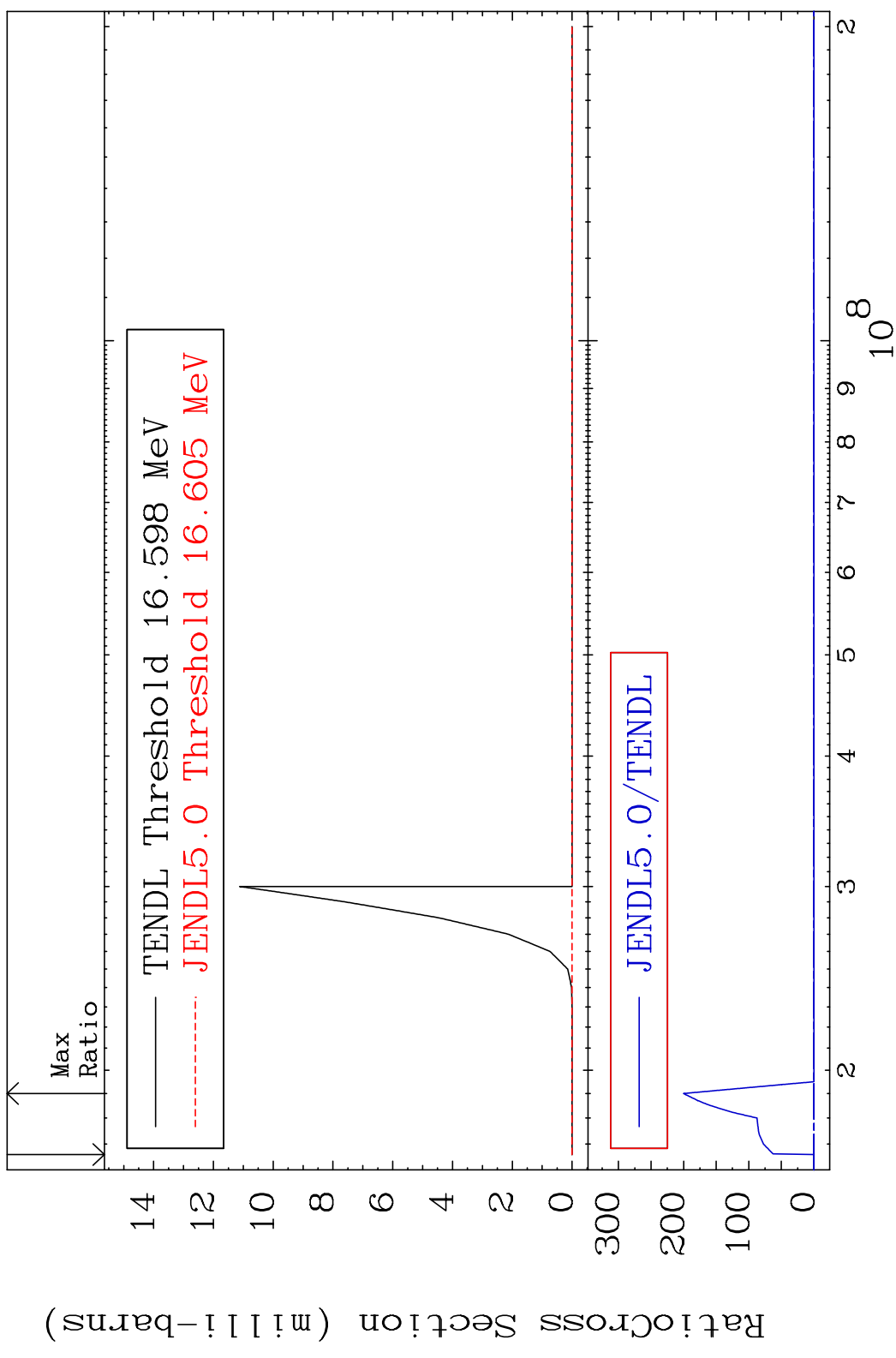


MAT 3243 (n, n') α 32-Ge-76
 Cross Section -100.0 To 9999. %

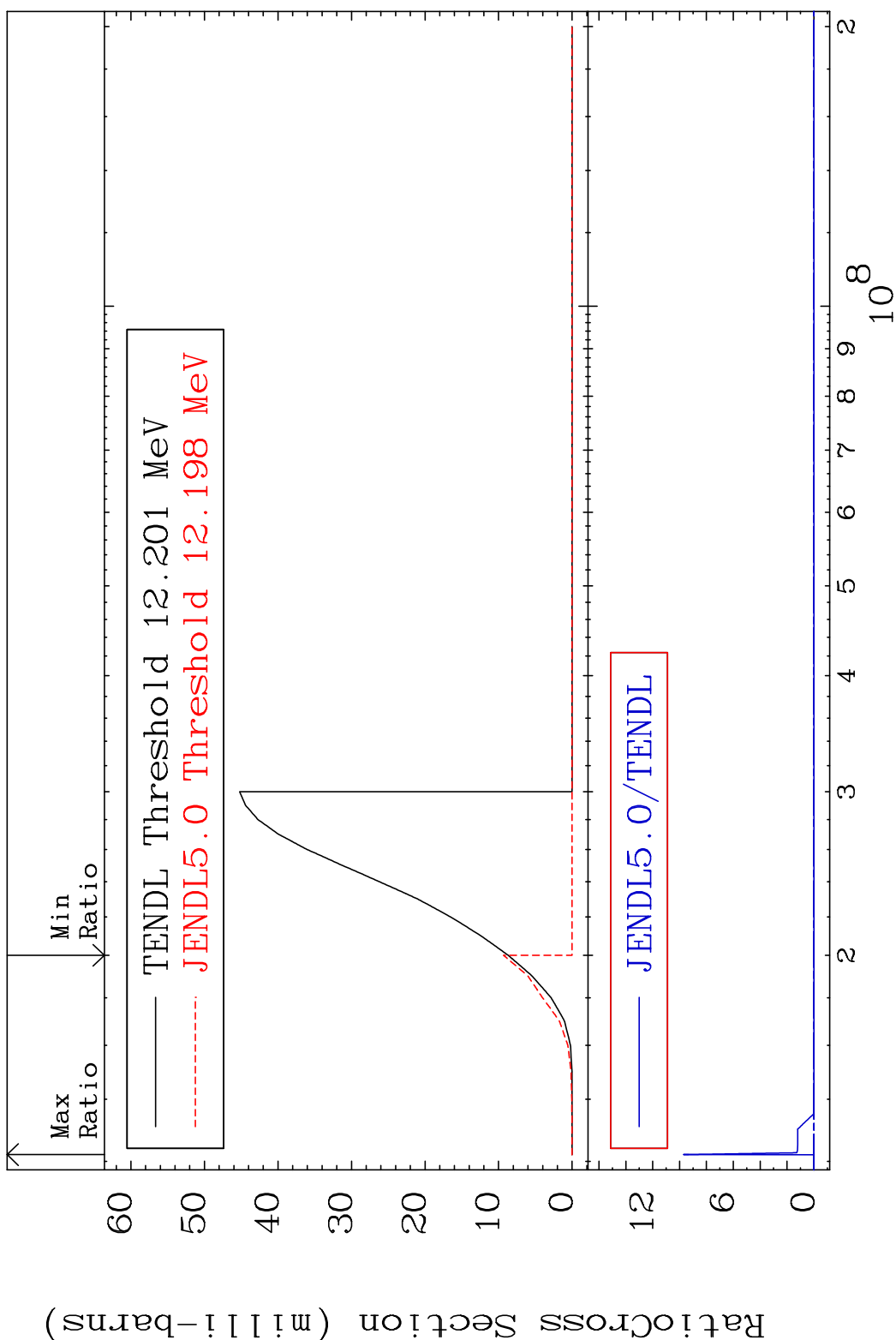


7 32-Ge-76

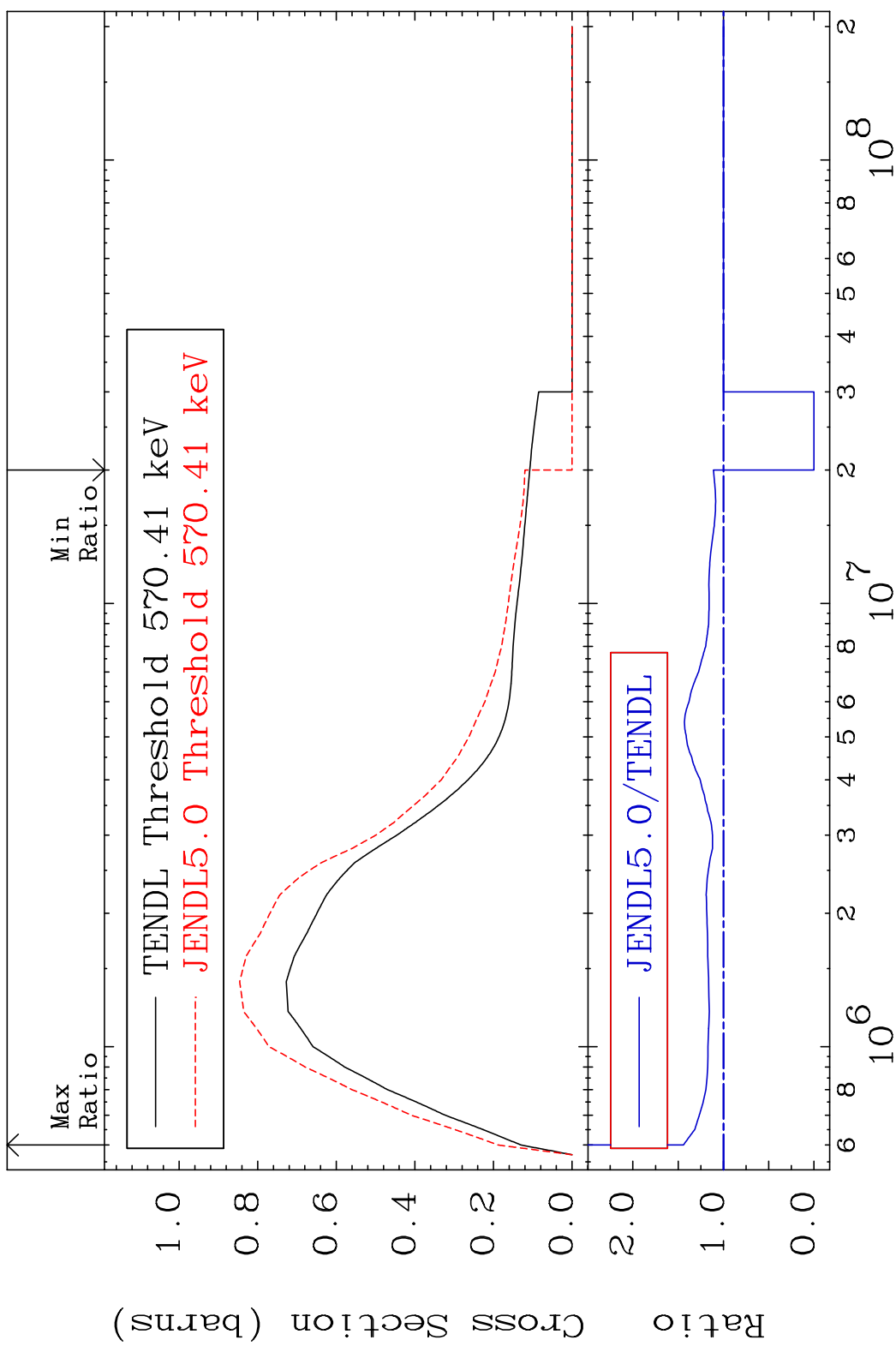
MAT 3243 (n,2n) α 32-Ge-76
 Cross Section -100.0 To 9999. %



MAT 3243 (n, n') p 32-Ge-76
 Cross Section -100.0 To 9999. %

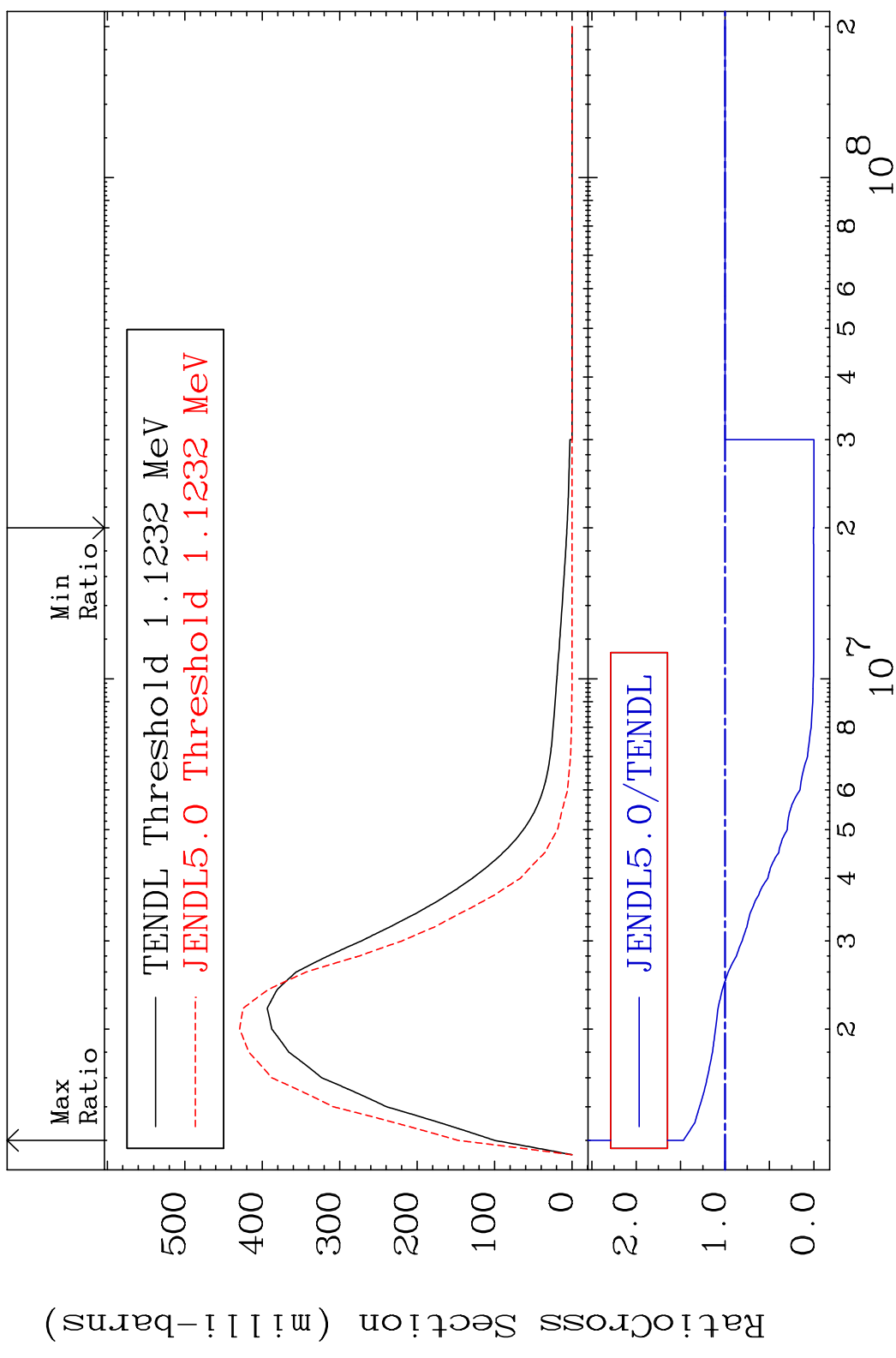


MAT 3243 MT= 51 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 44.12 %



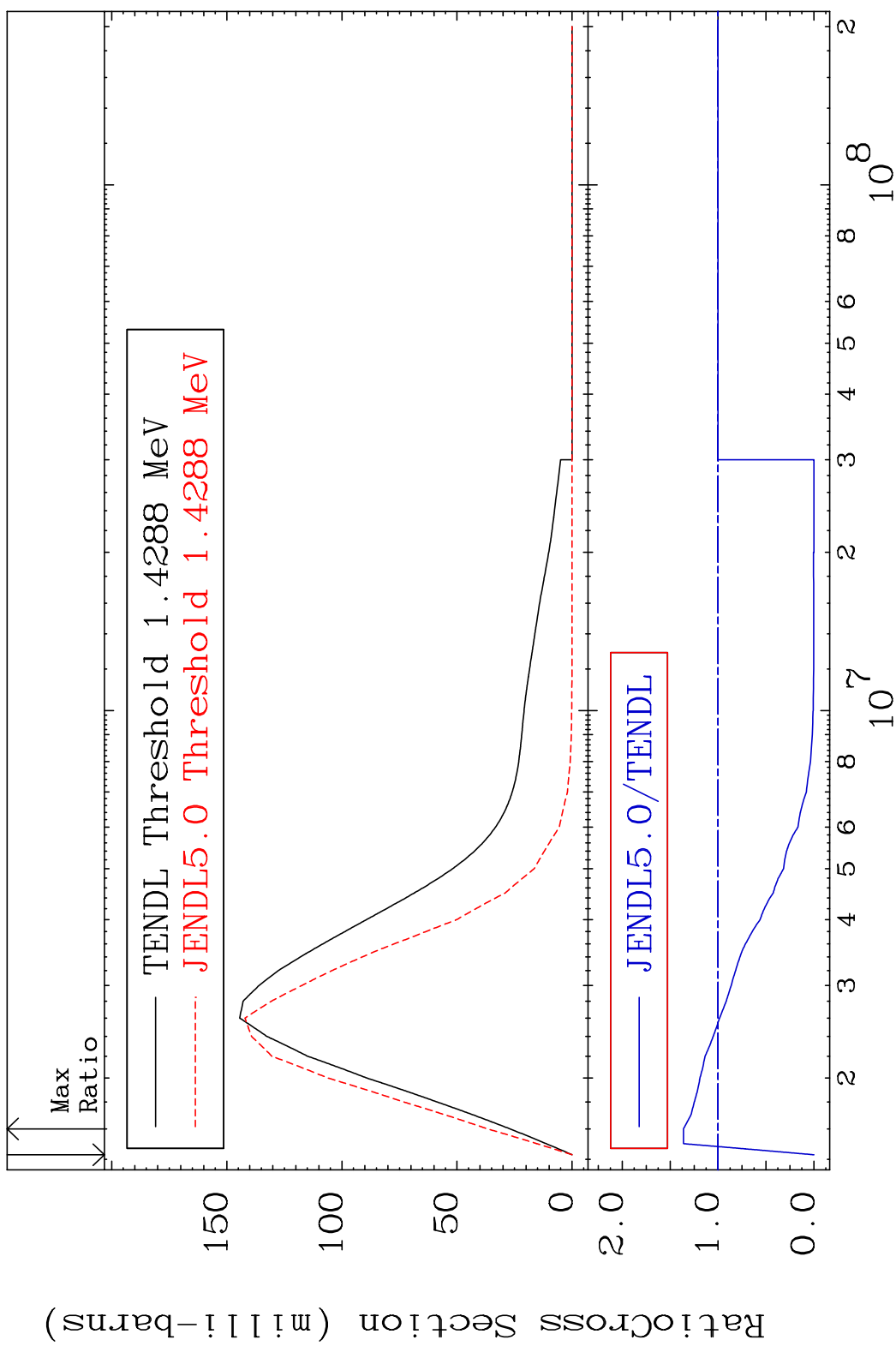
10 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 52 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 46.82 %



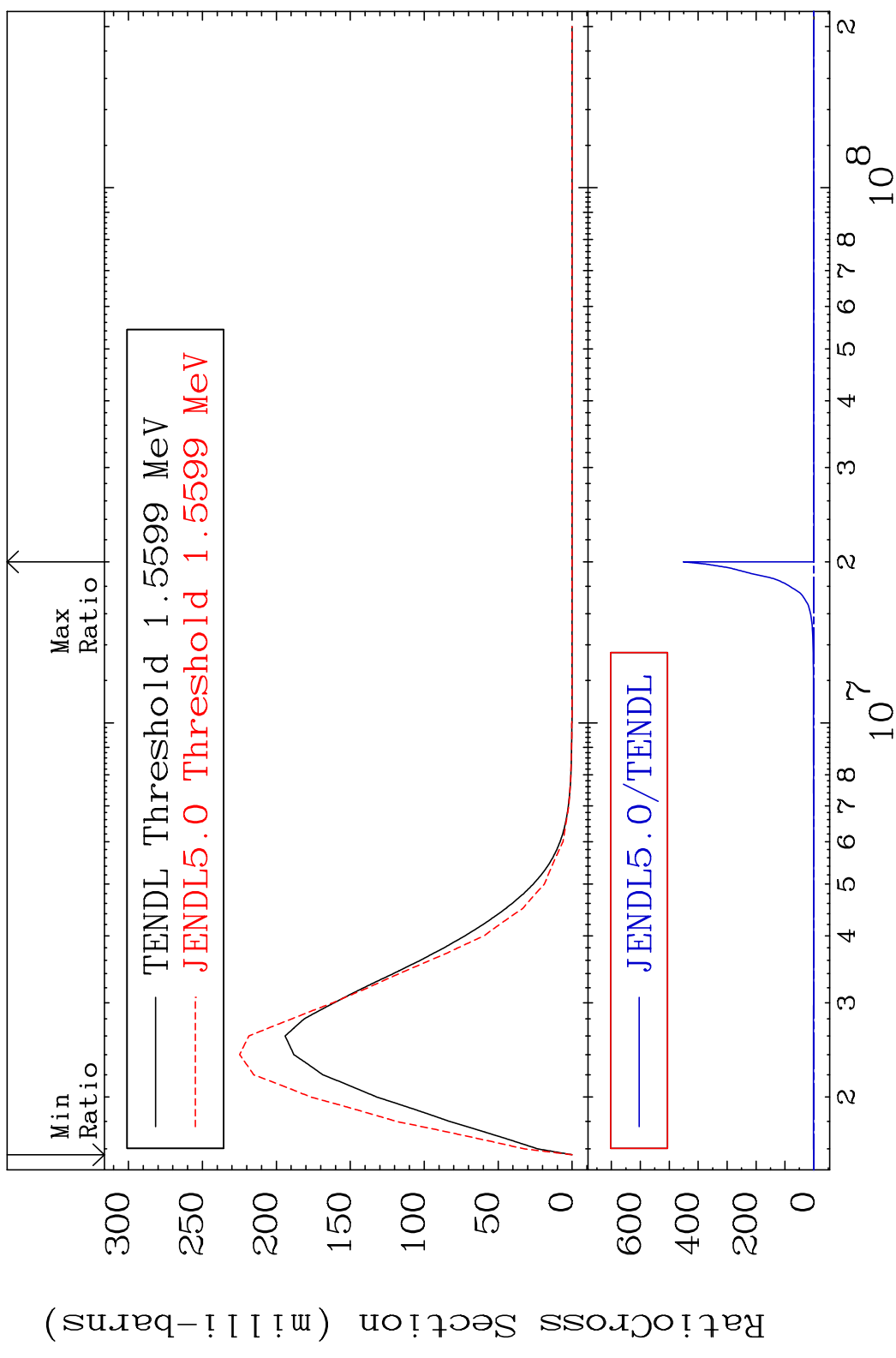
11 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 53 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 36.12 %



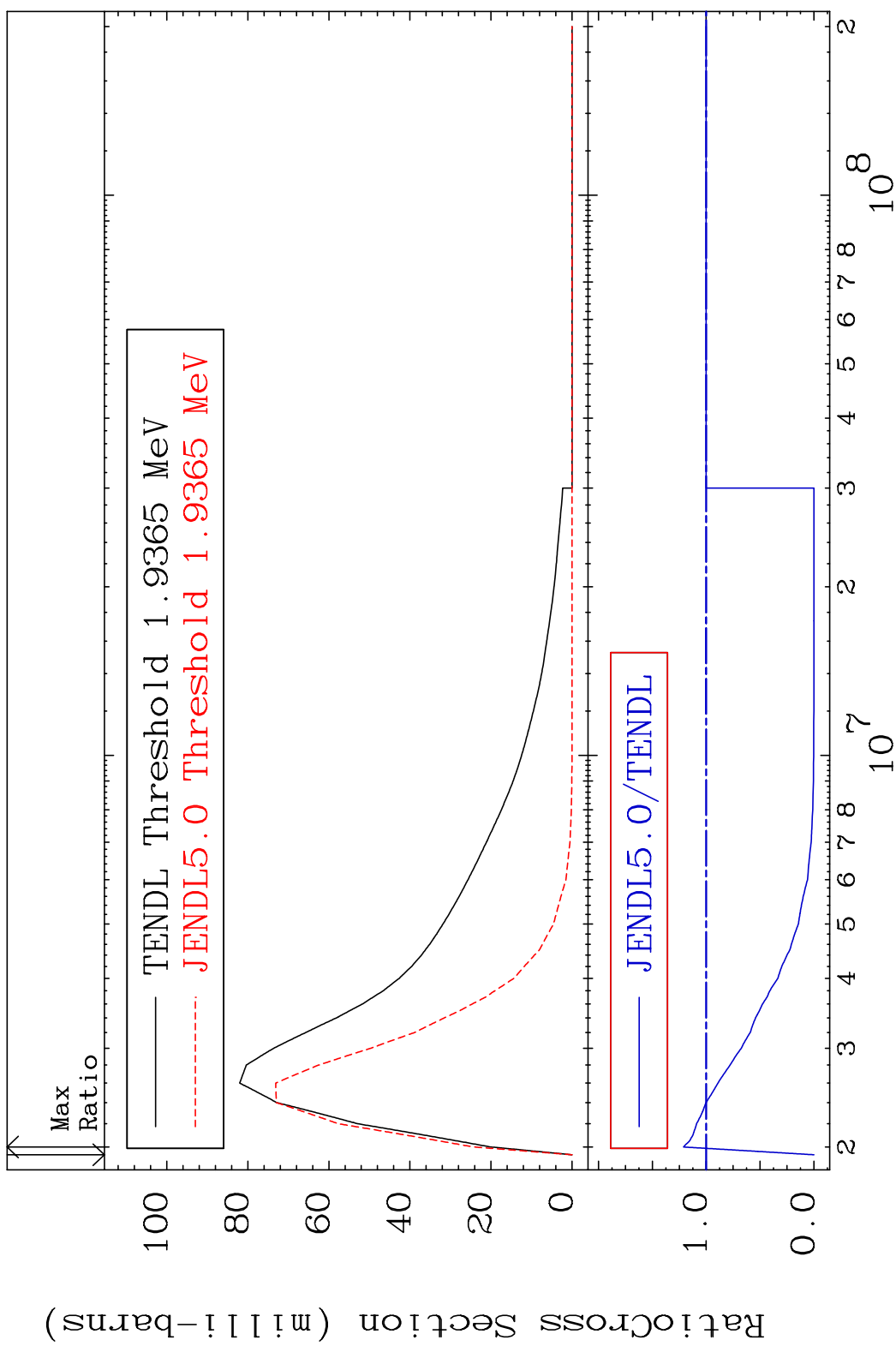
12 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 54 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 9999. %



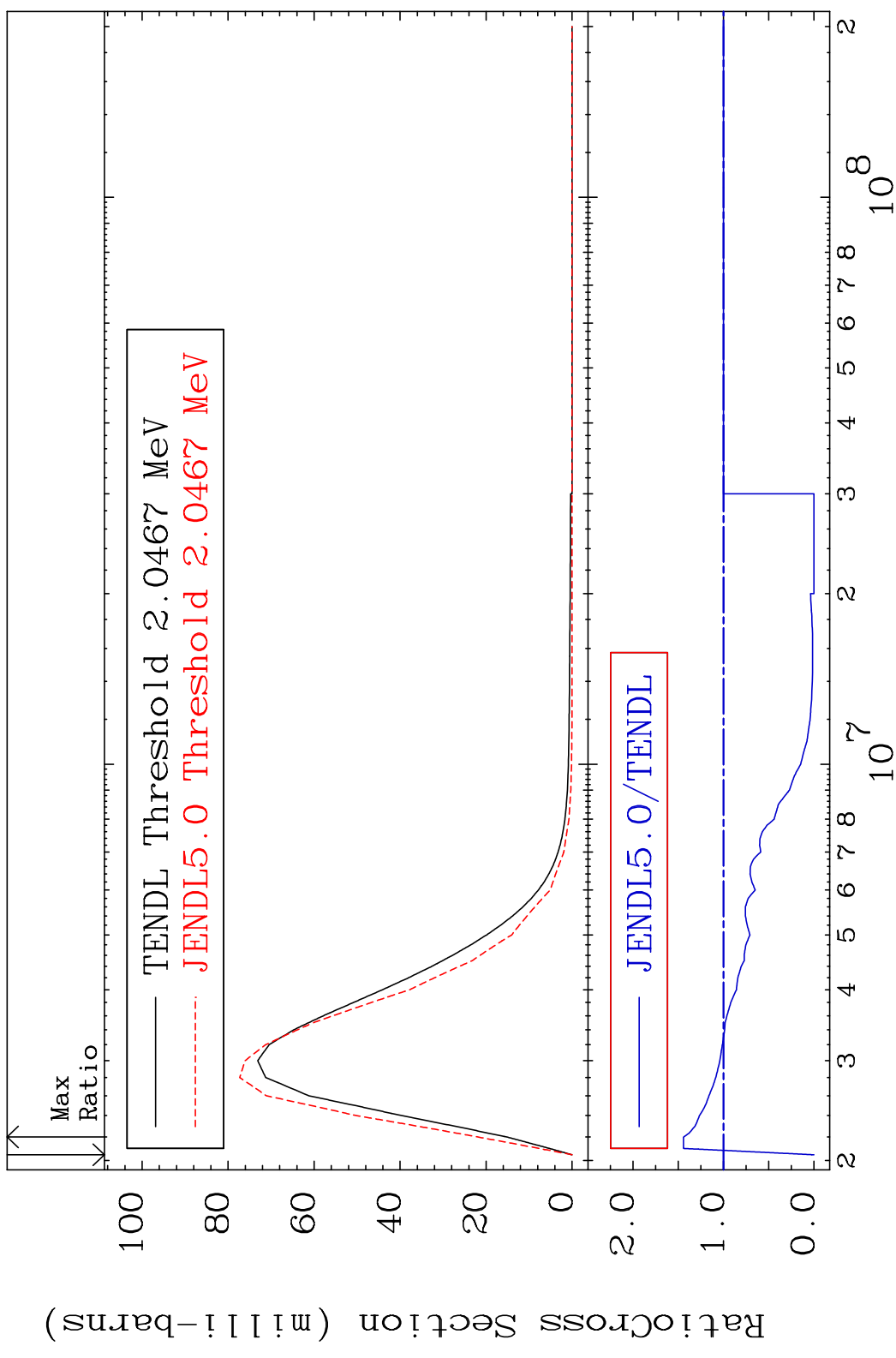
13 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 55 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 21.14 %

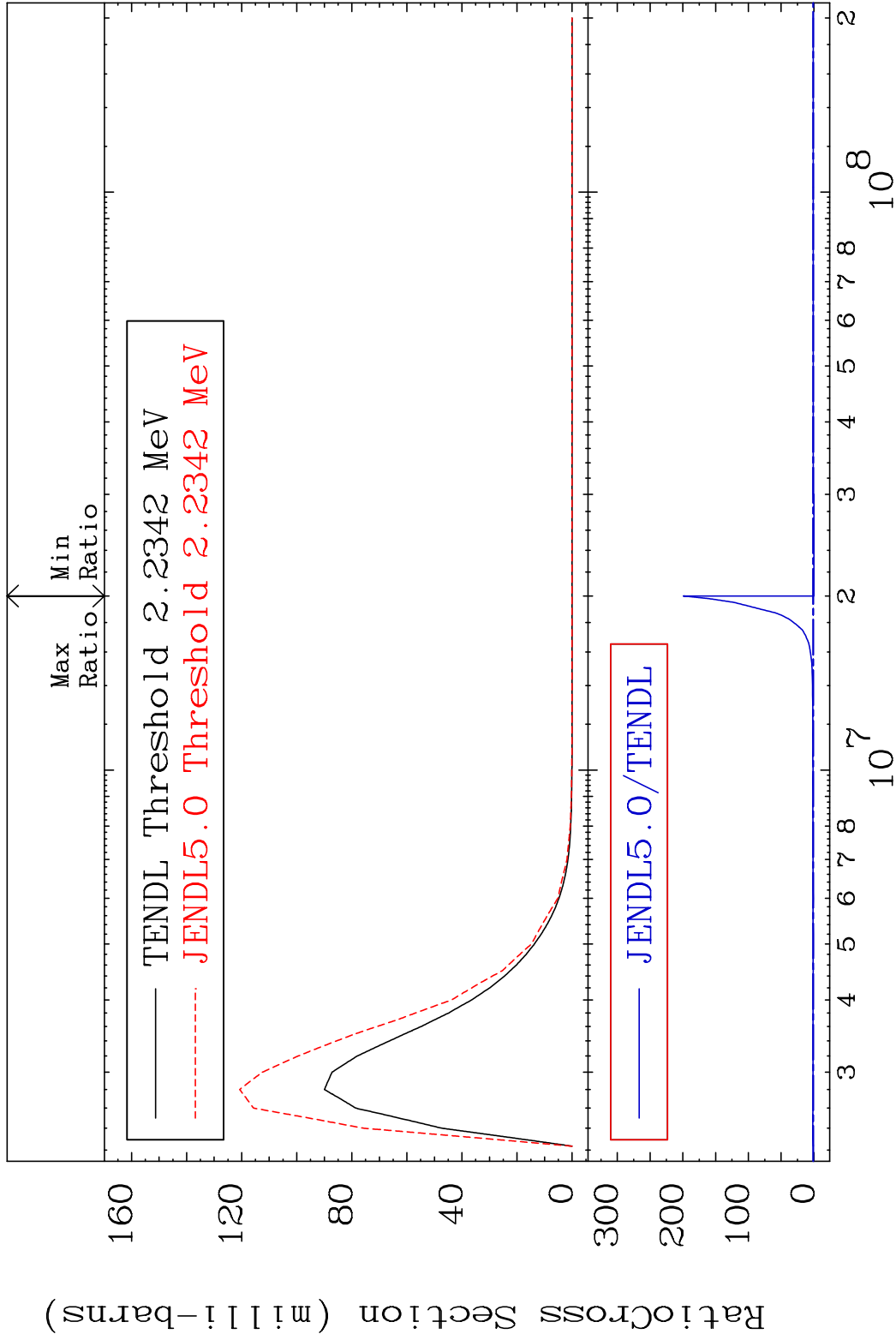


14 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 56 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 44.27 %

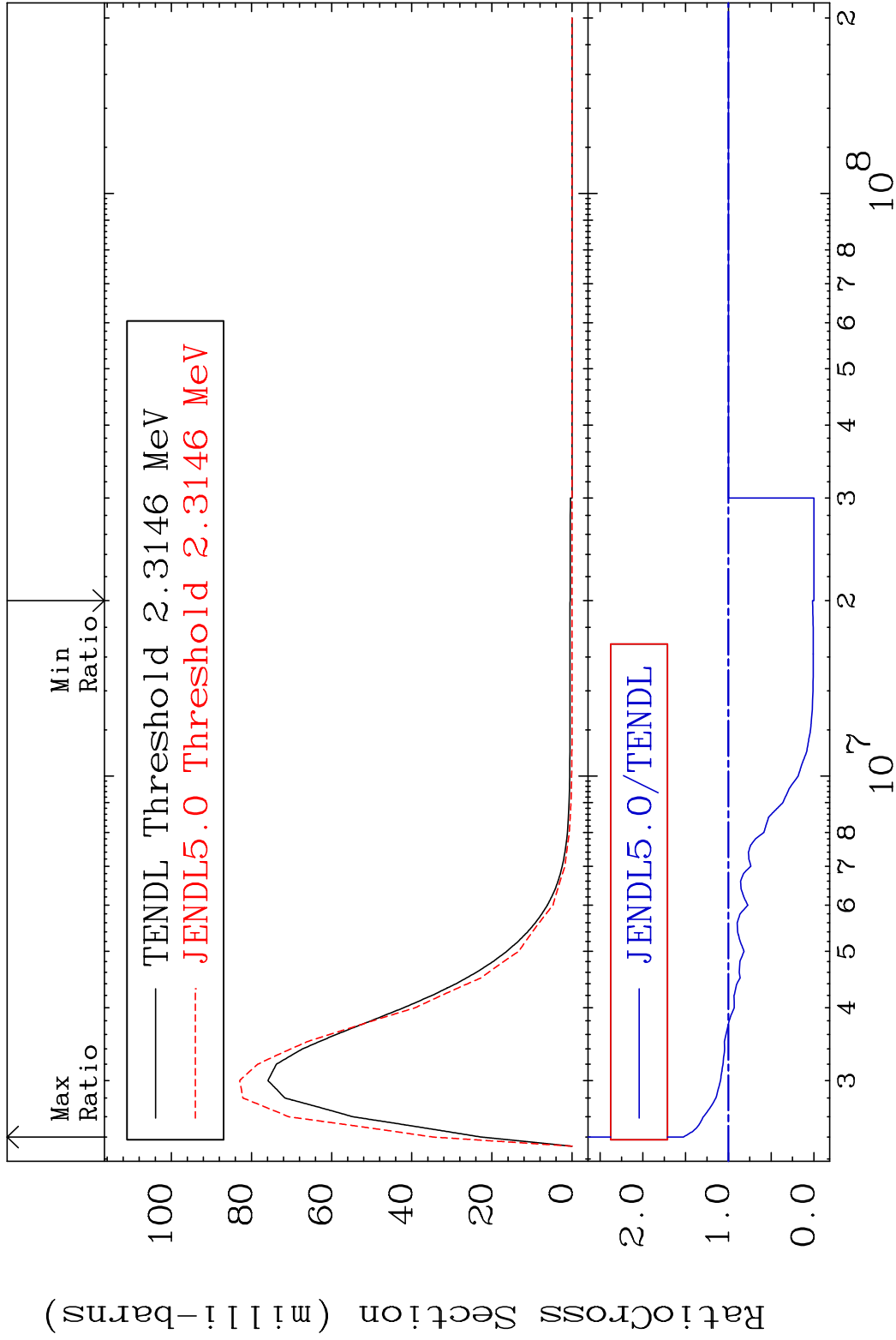


MAT 3243 MT= 57 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 9999. %



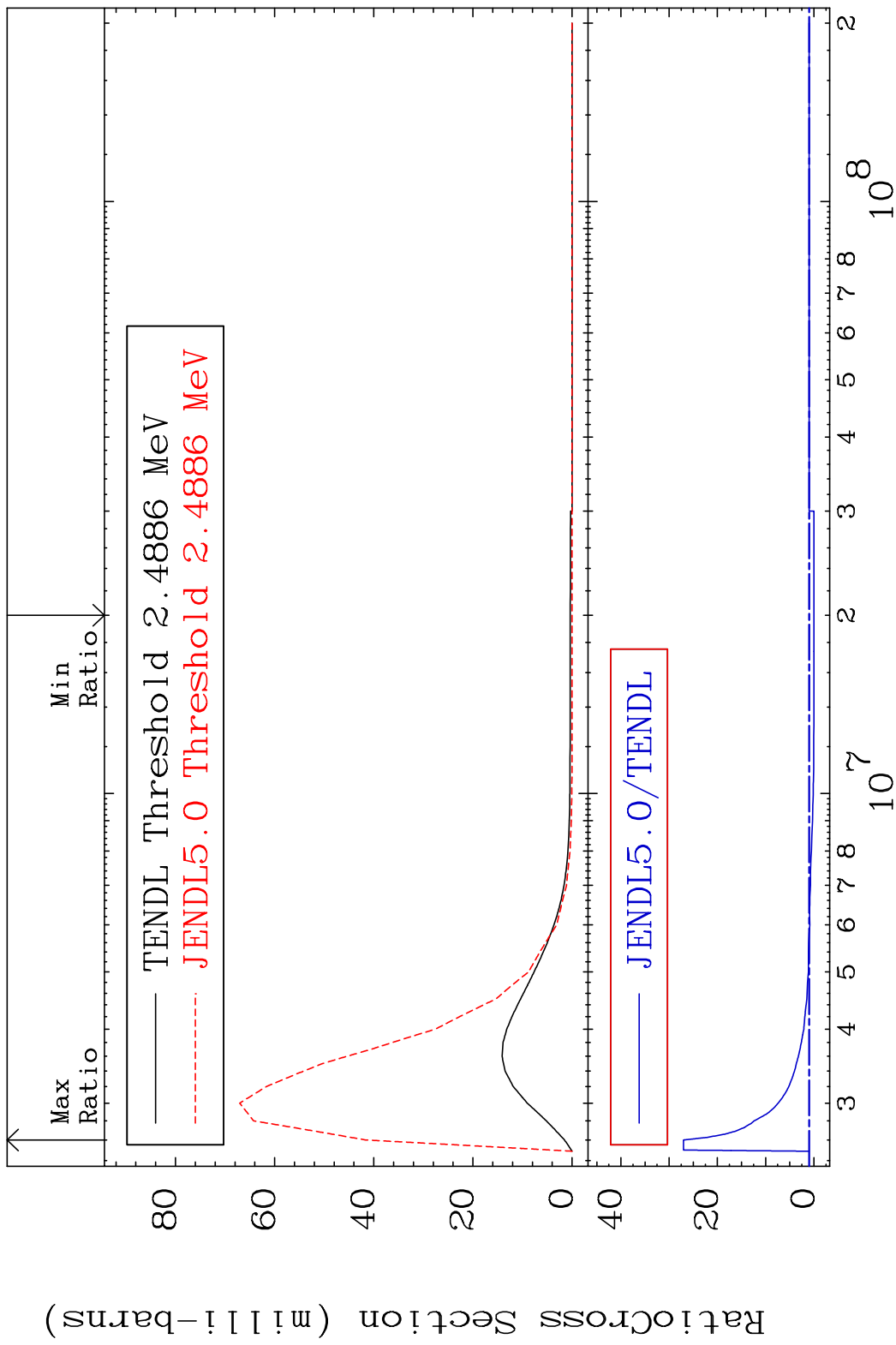
16 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 58 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 52.54 %



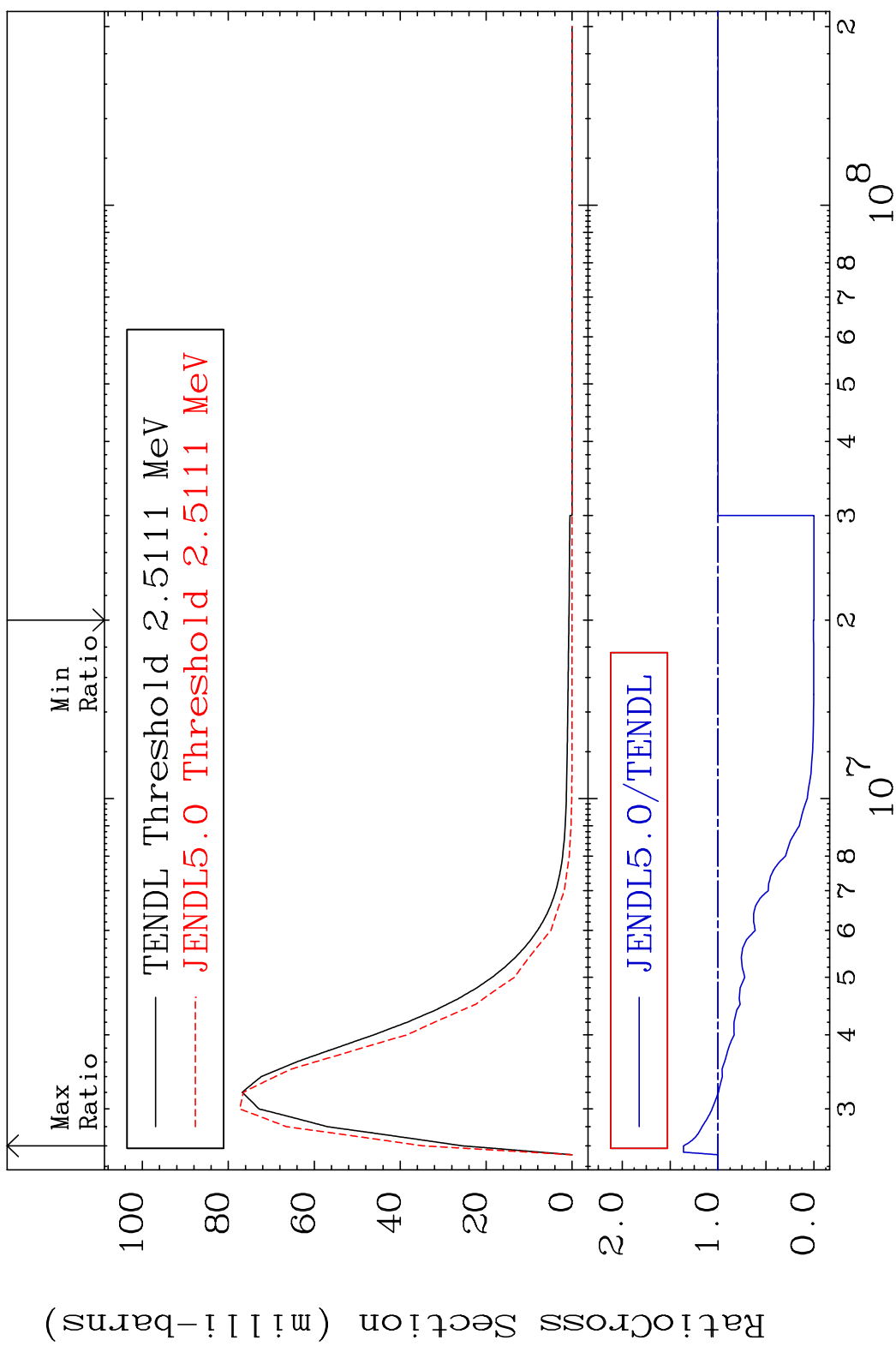
17 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 59 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 2604. %

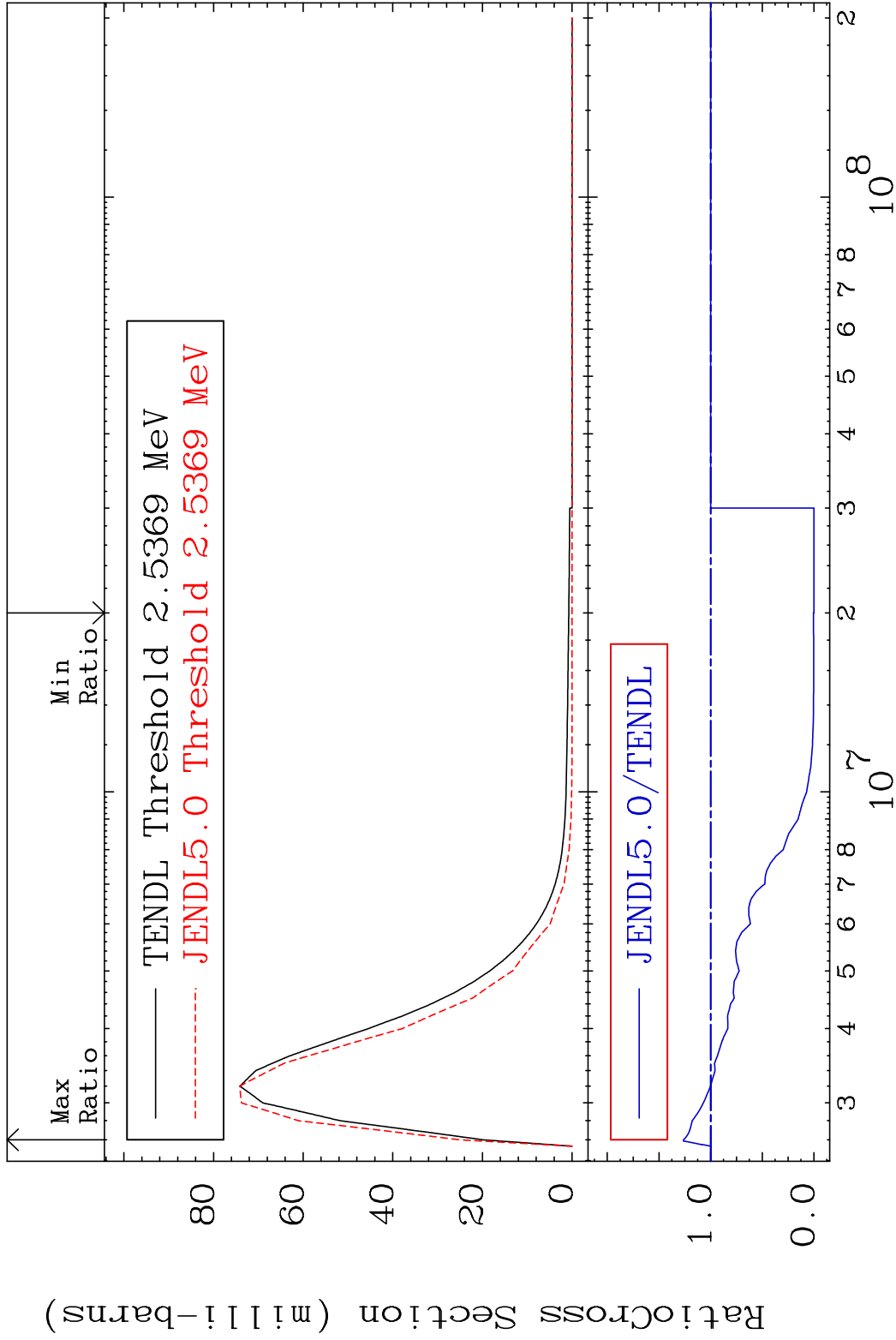


18 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 60 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 36.12 %

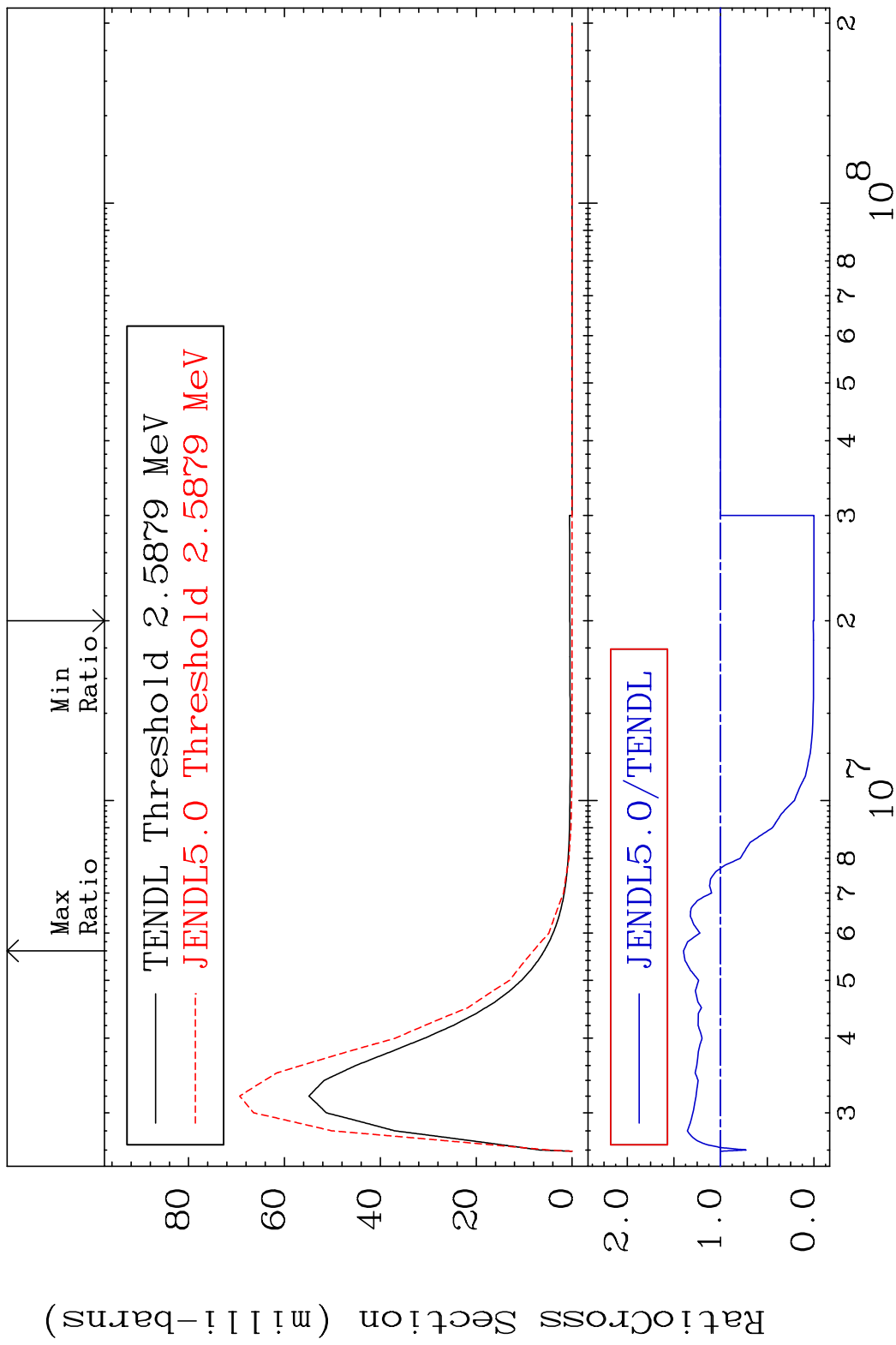


MAT 3243 MT= 61 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 26.27 %



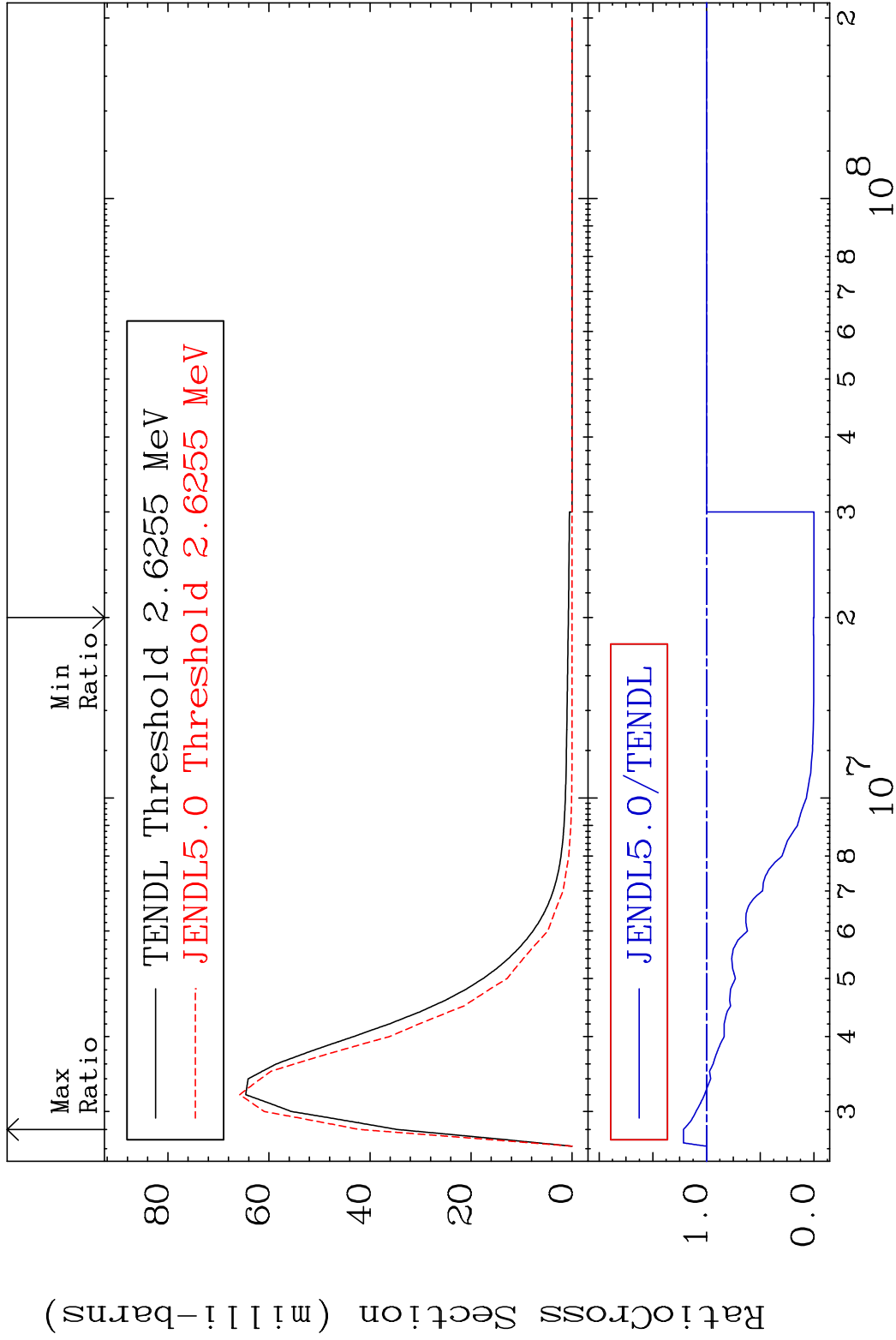
20 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 62 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 39.75 %



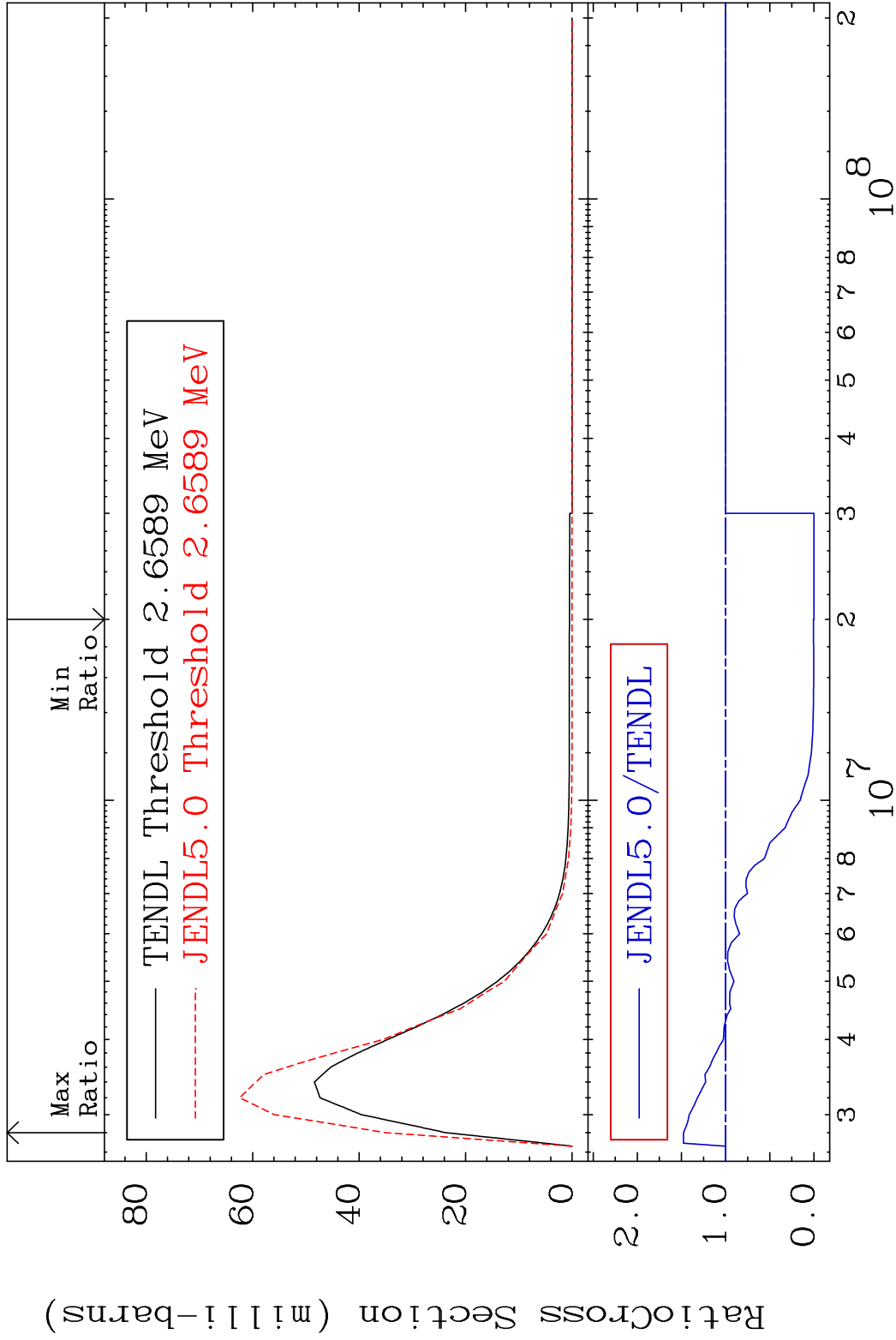
21 32-Ge-76

MAT 3243 MT= 63 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 21.46 %

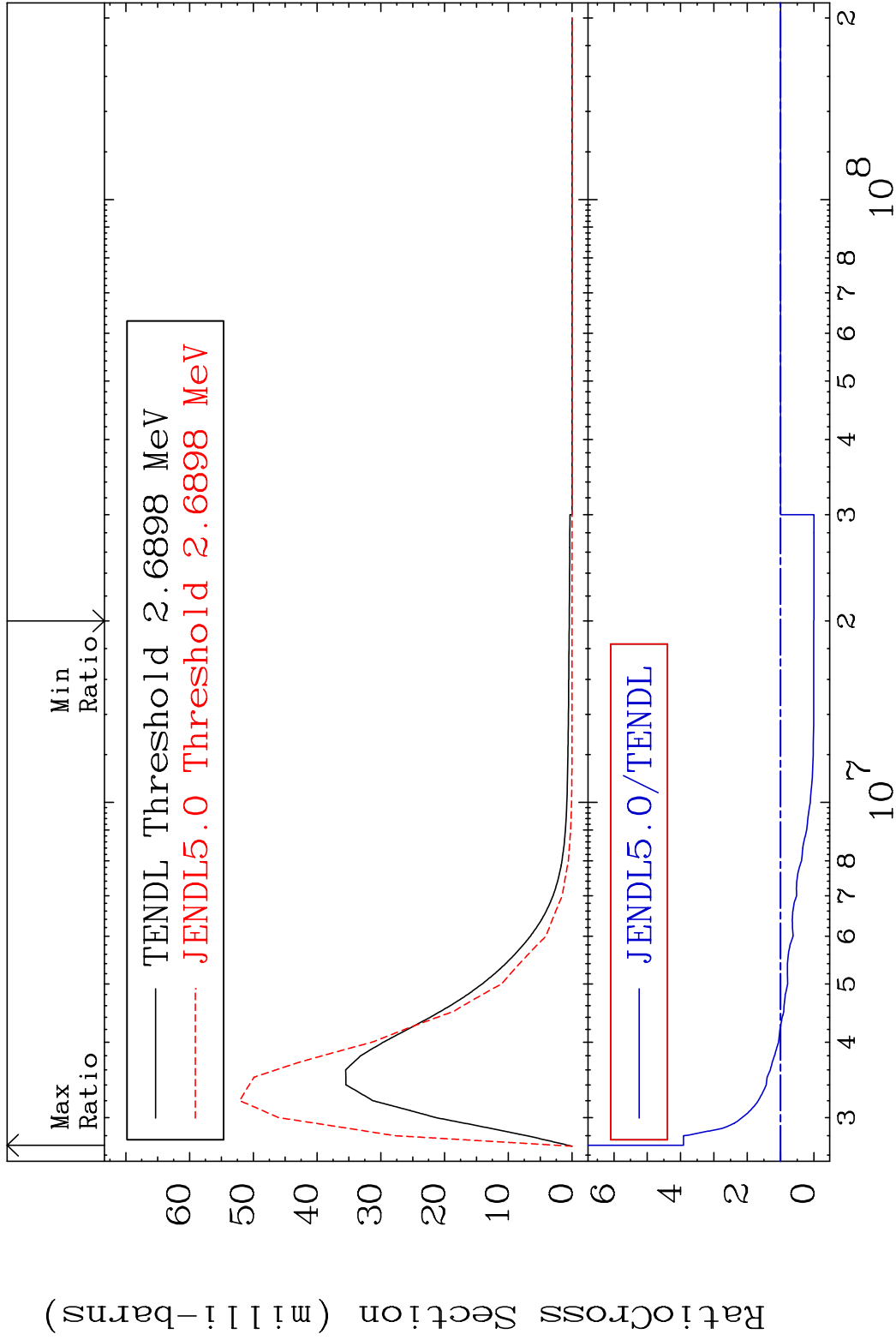


22 32-Ge-76

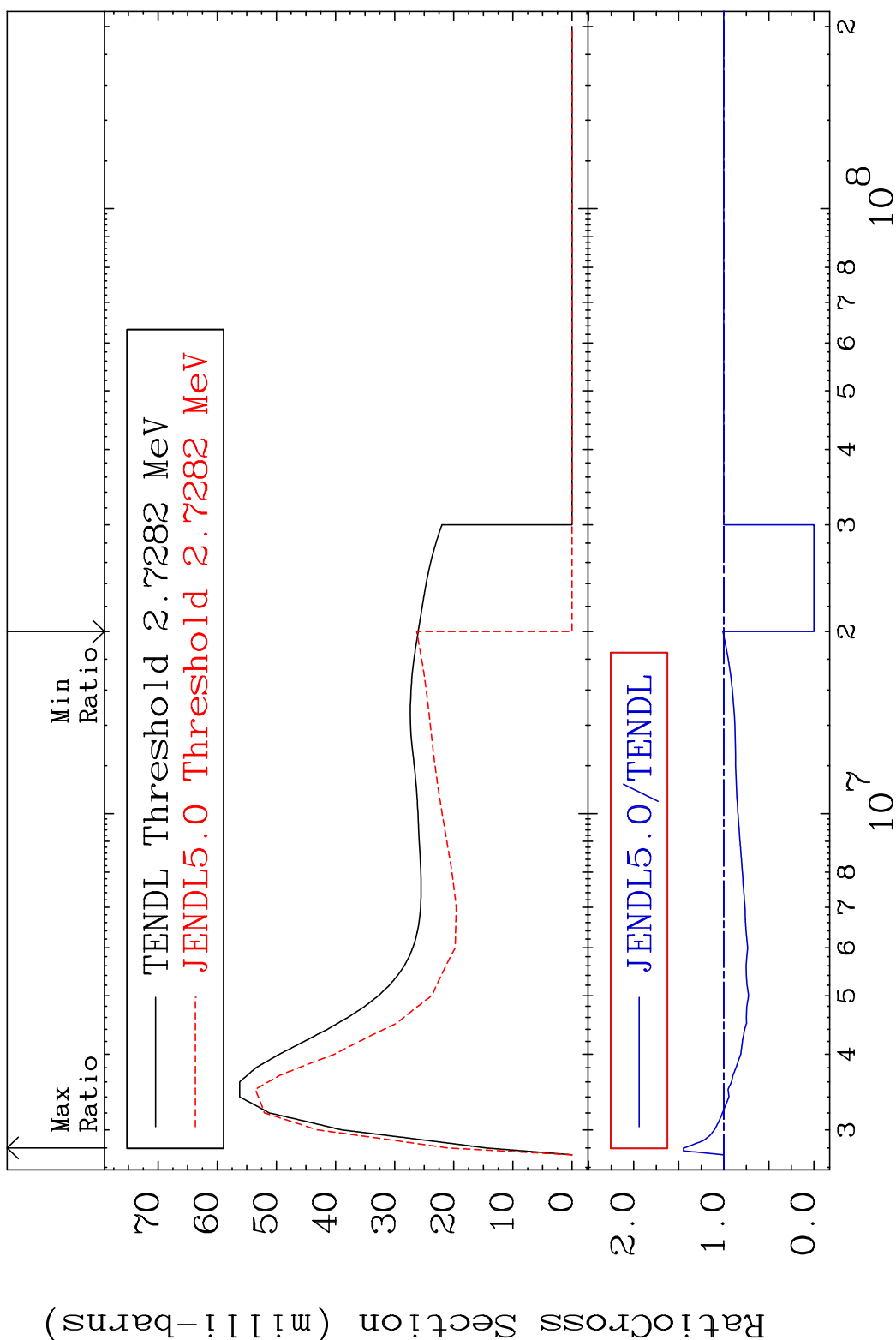
MAT 3243 MT= 64 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 47.72 %



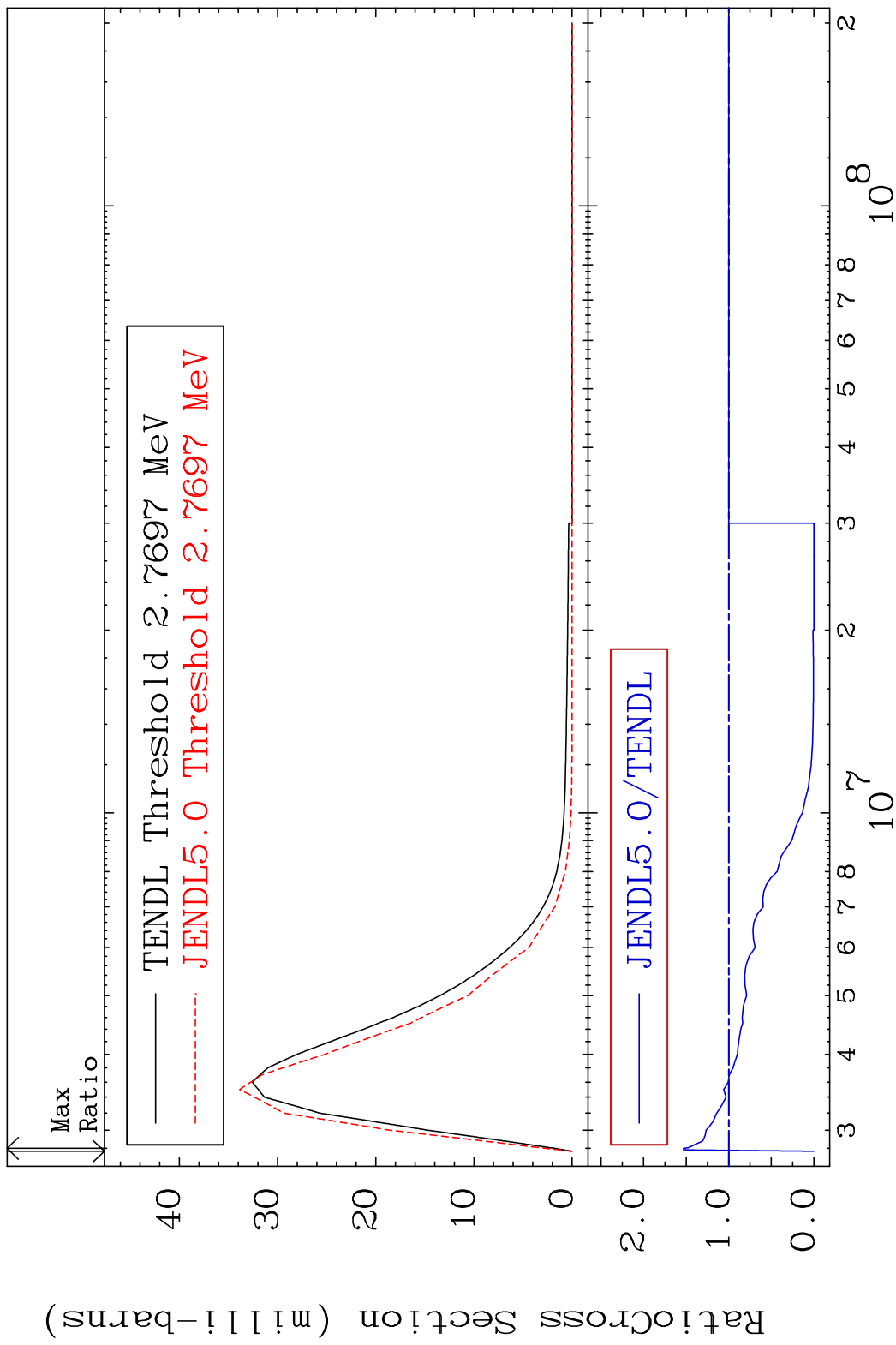
MAT 3243 MT= 65 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 291.4 %



MAT 3243 MT= 66 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 44.79 %

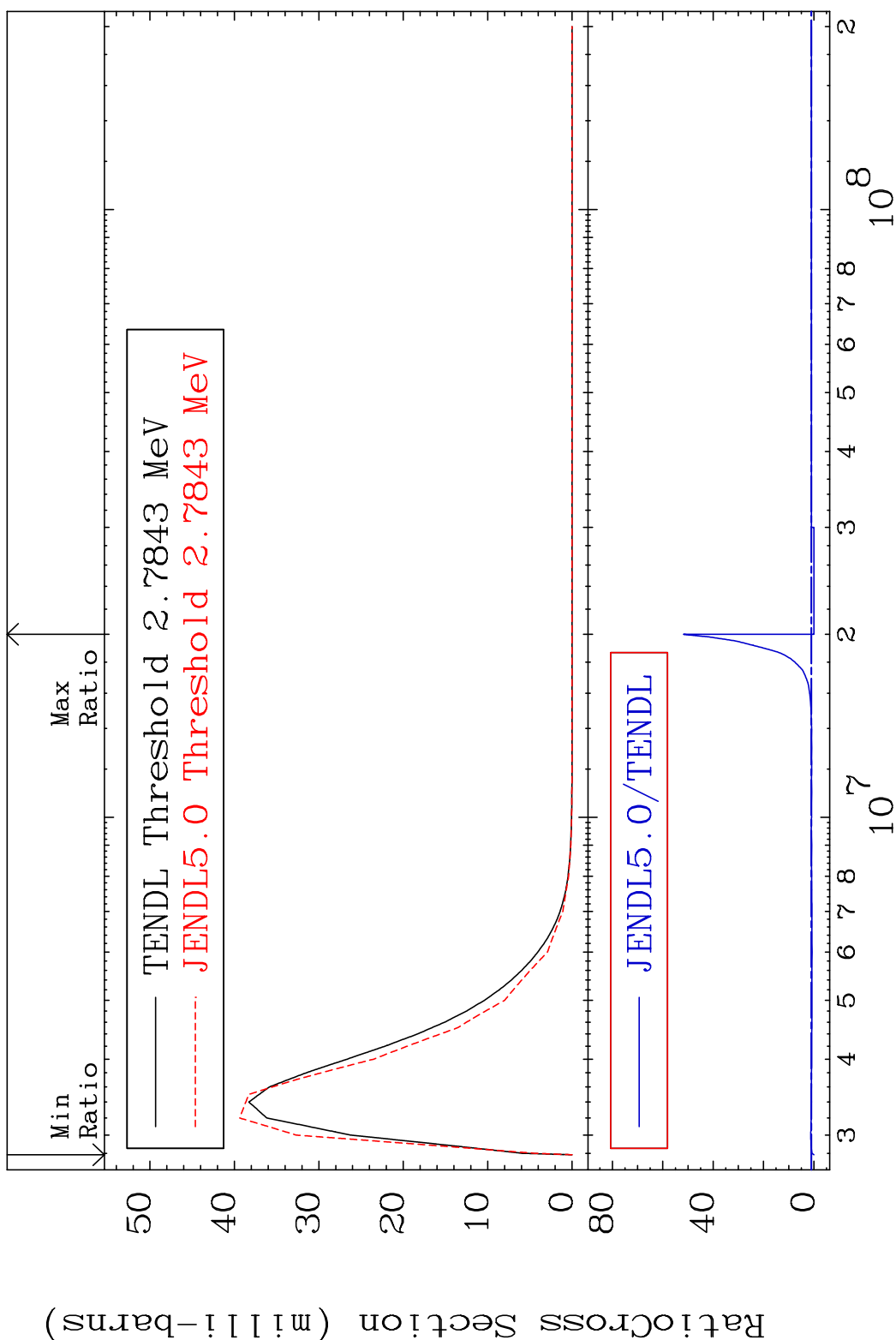


MAT 3243 MT= 67 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 53.18 %



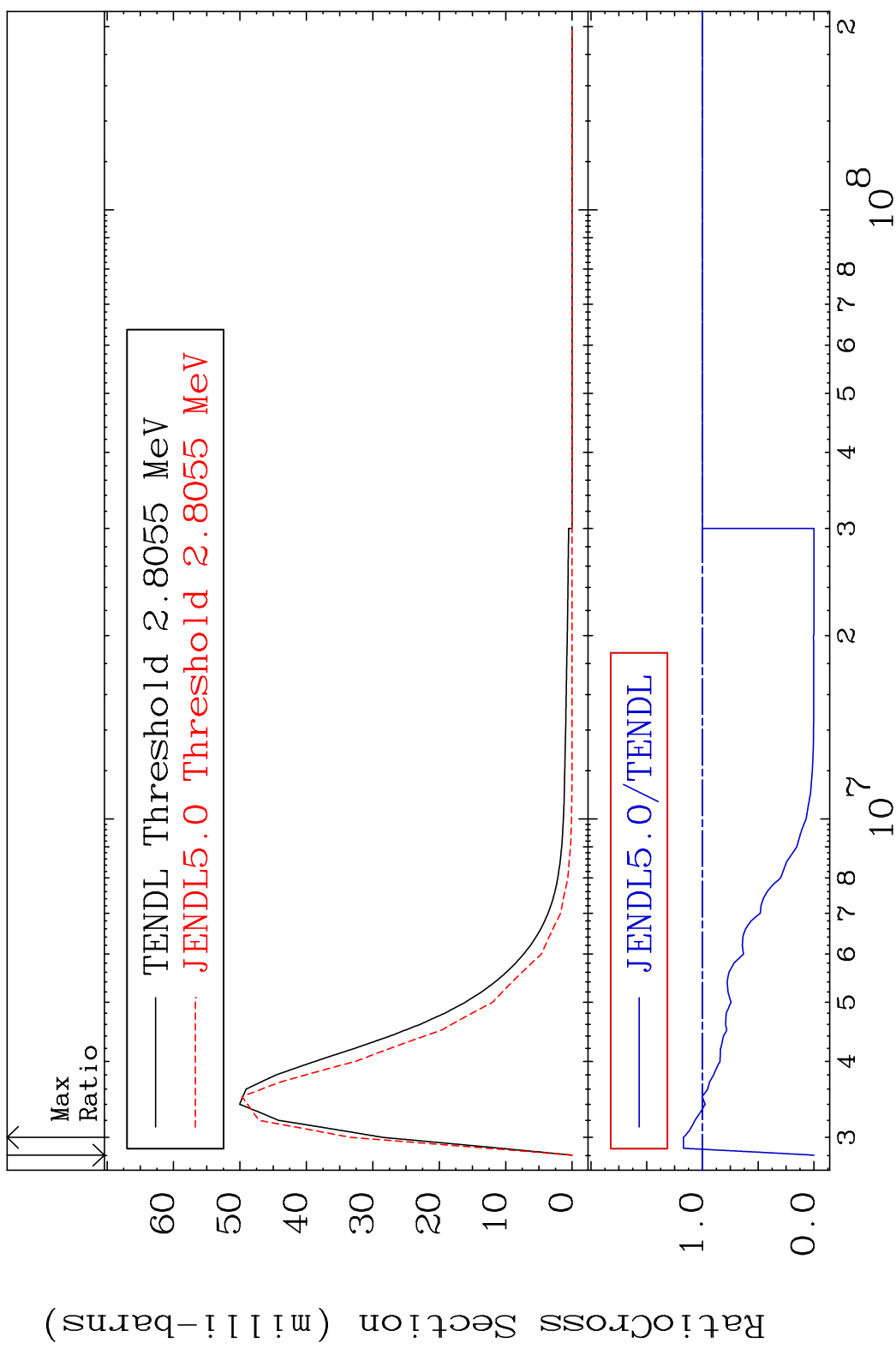
26 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 68 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 5080. %

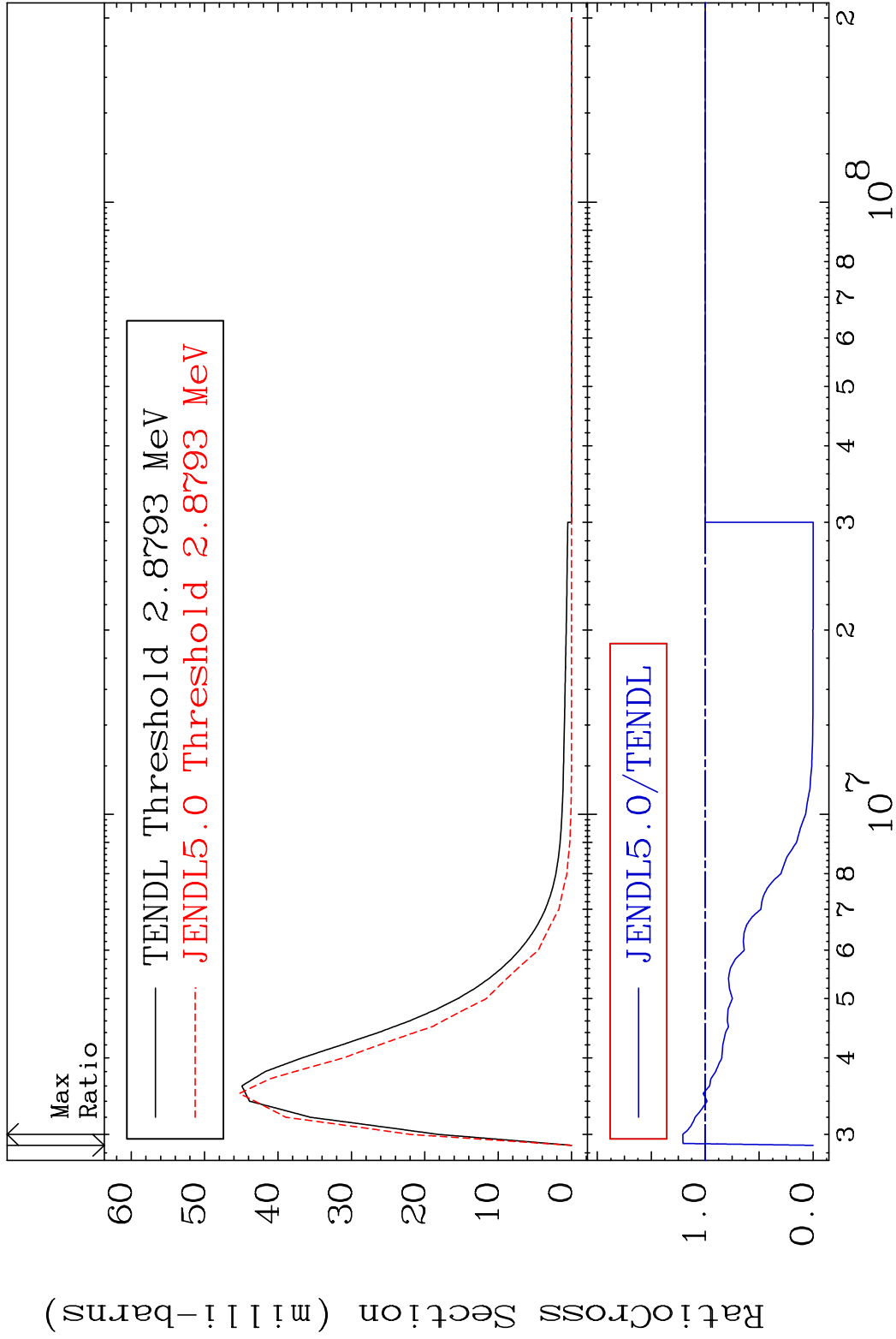


27 Incident Energy (eV) 32-Ge-76

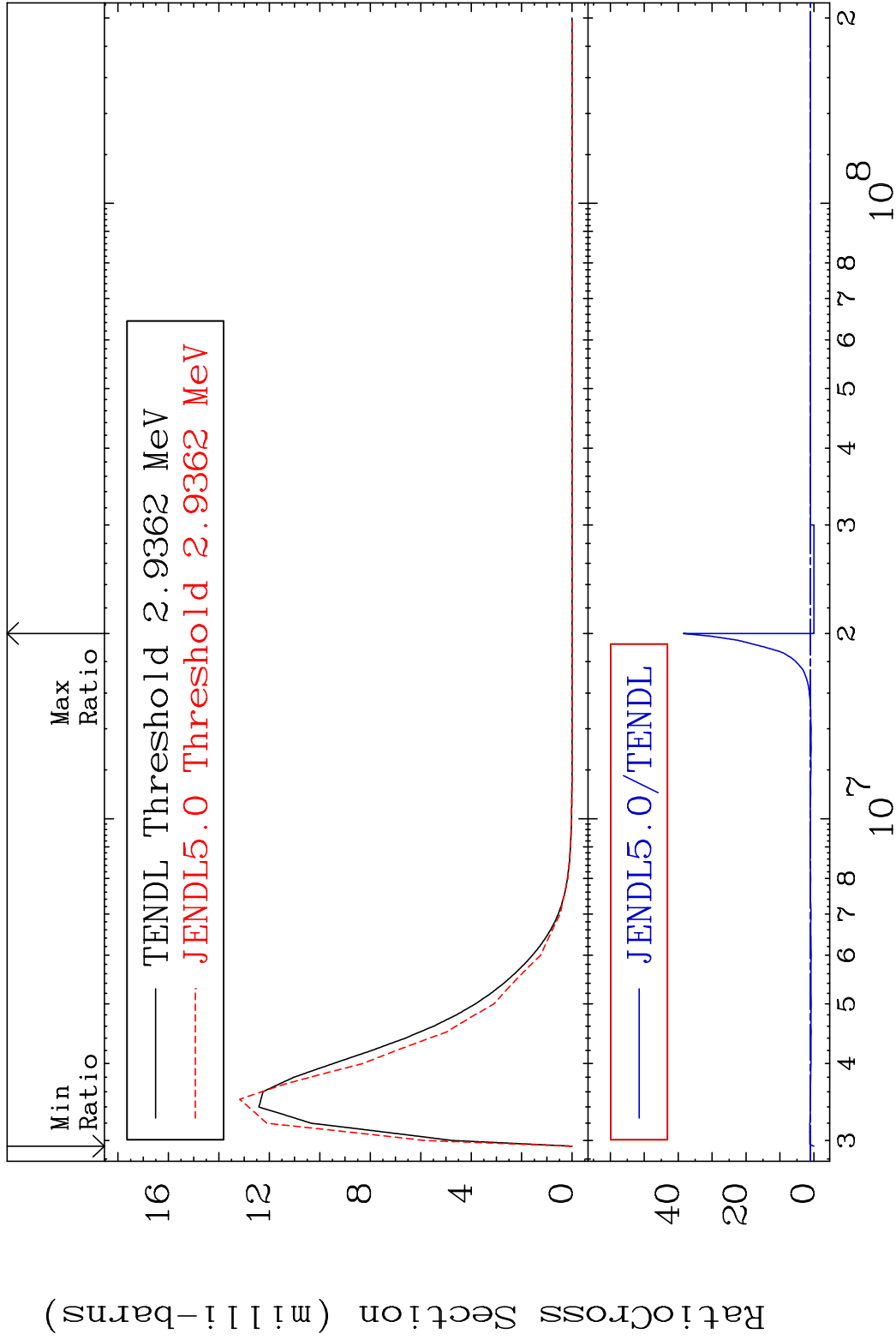
MAT 3243 MT= 69 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 17.07 %



MAT 3243 MT= 70 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 20.79 %

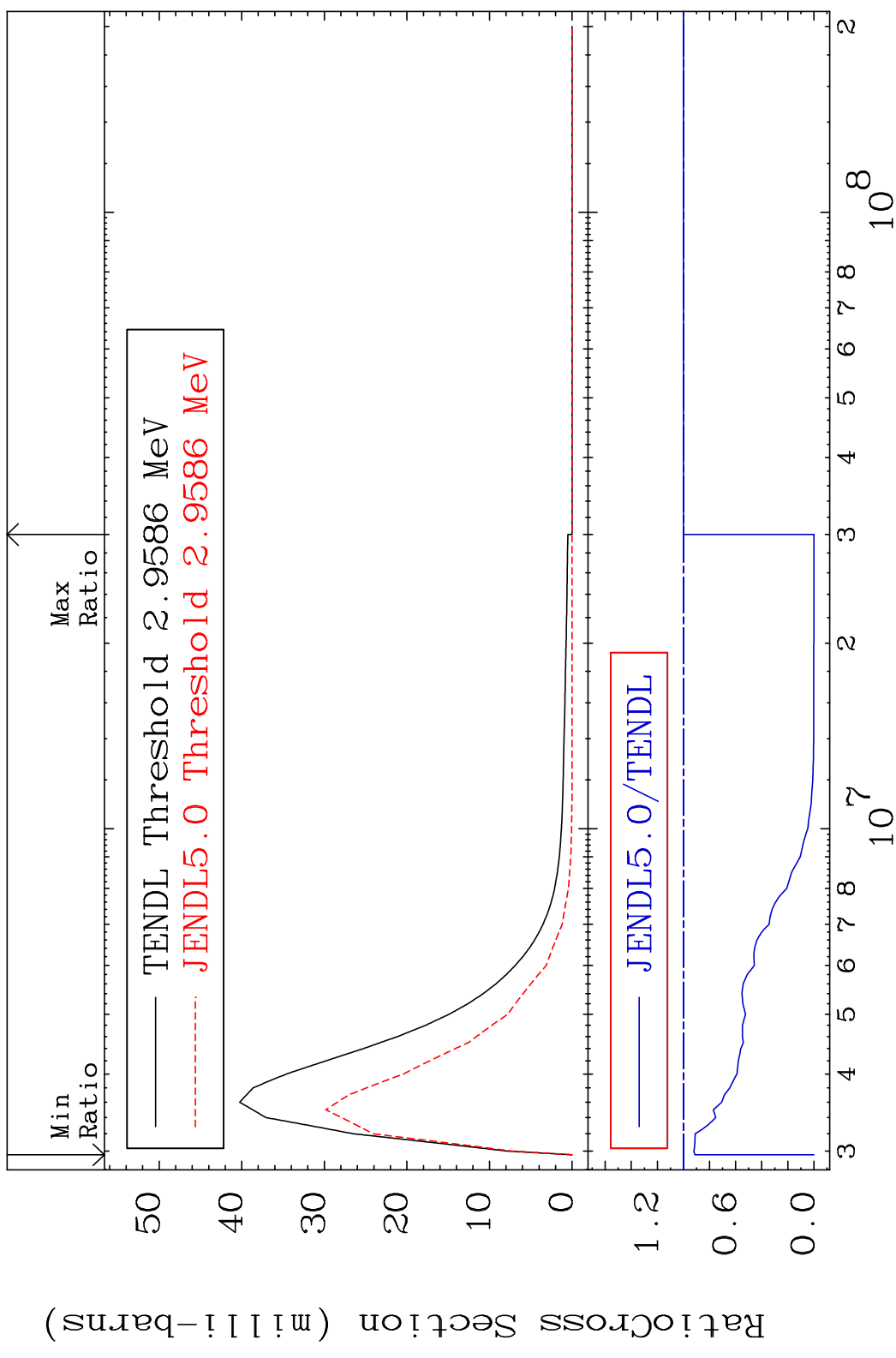


MAT 3243 MT= 71 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 3745. %

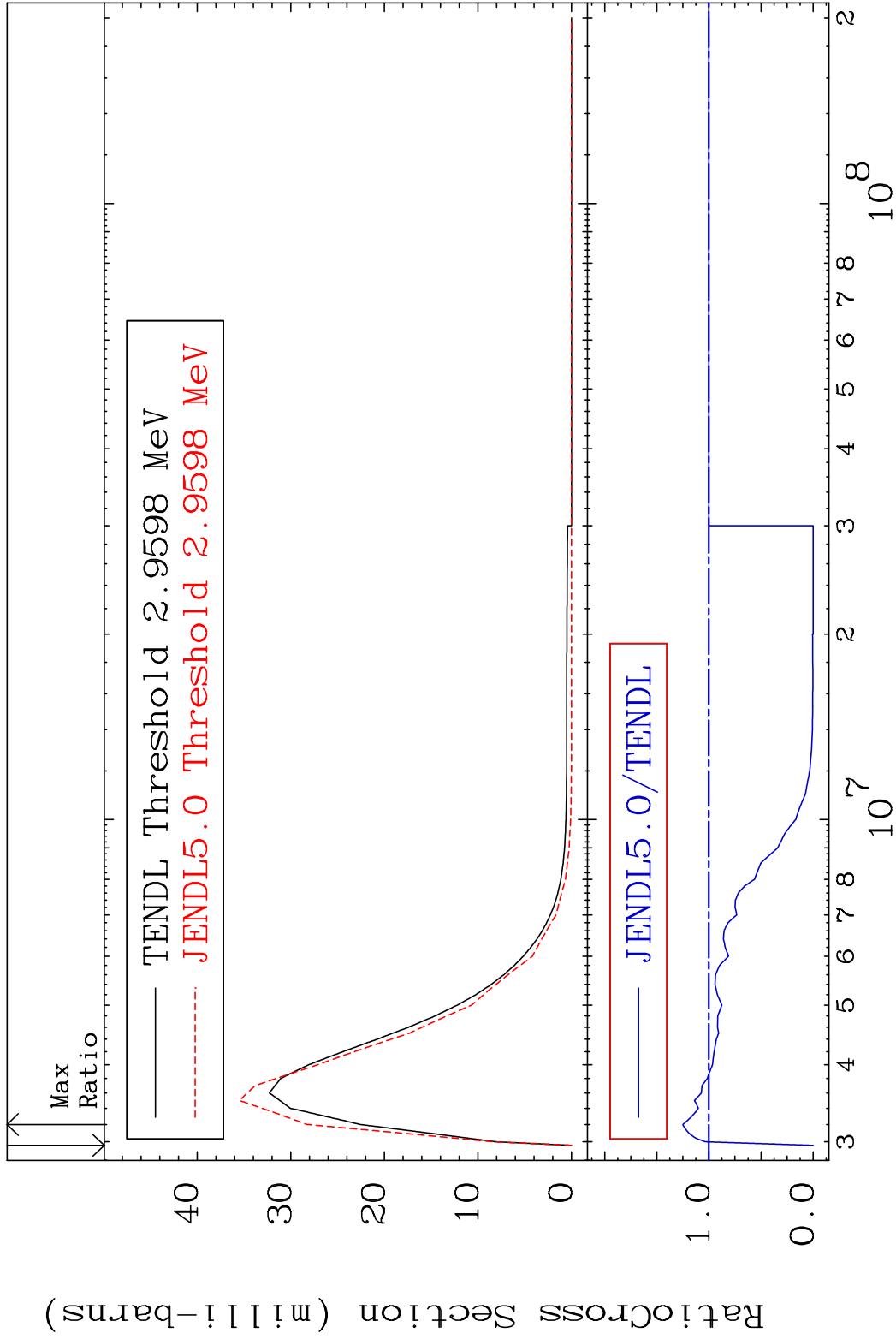


30 32-Ge-76

MAT 3243 MT= 72 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 0.000 %

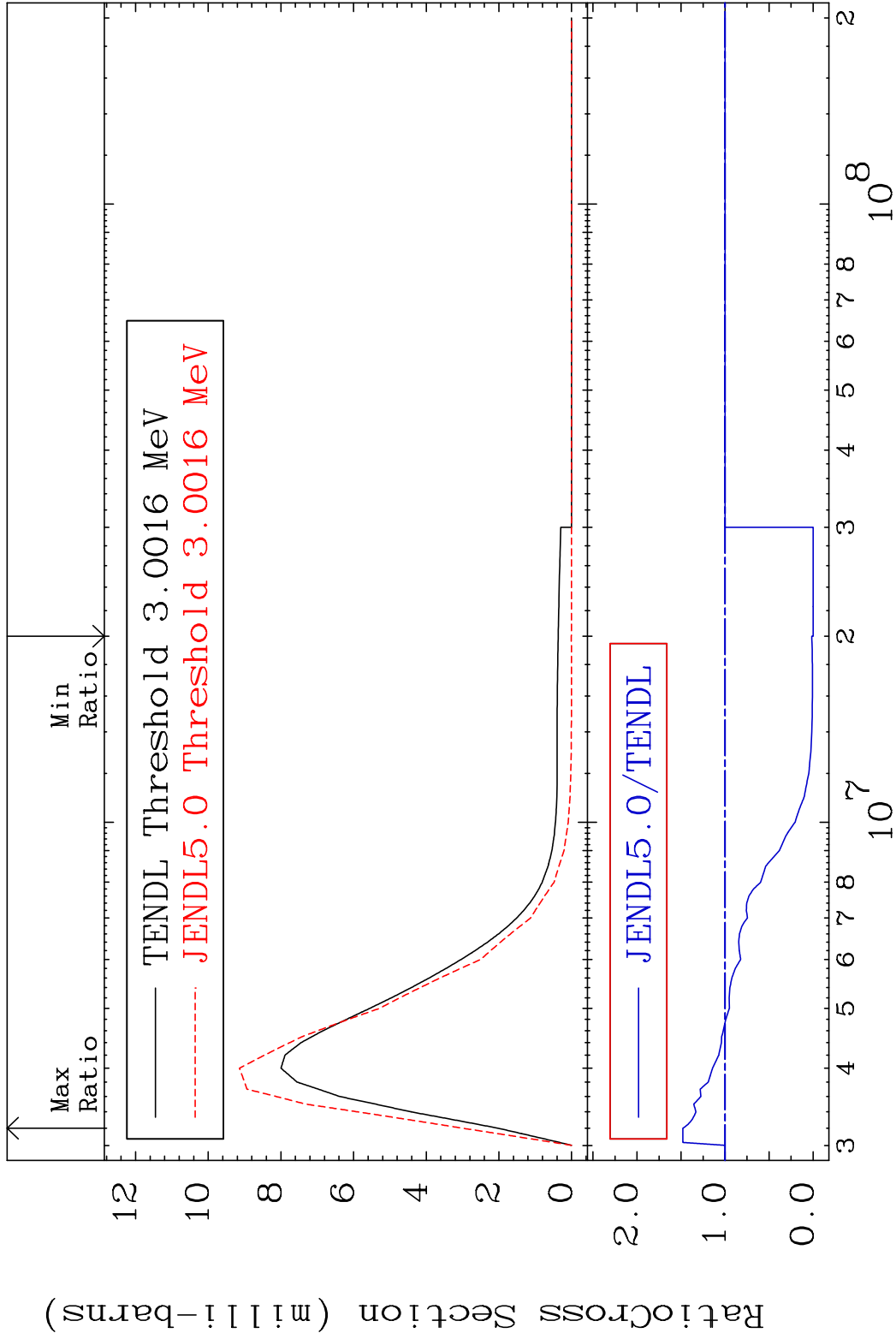


MAT 3243 MT= 73 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 25.10 %



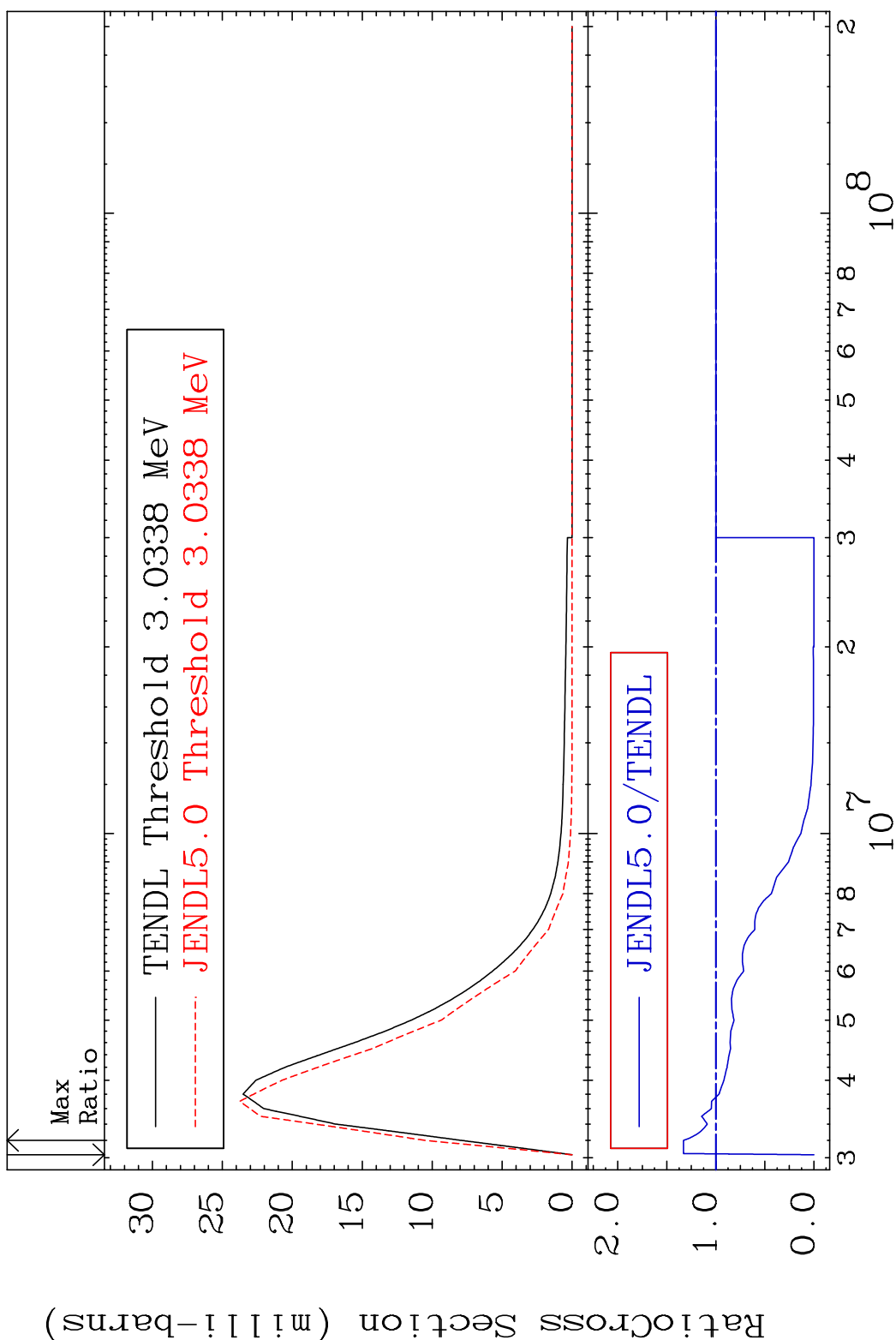
32 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 74 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 48.00 %



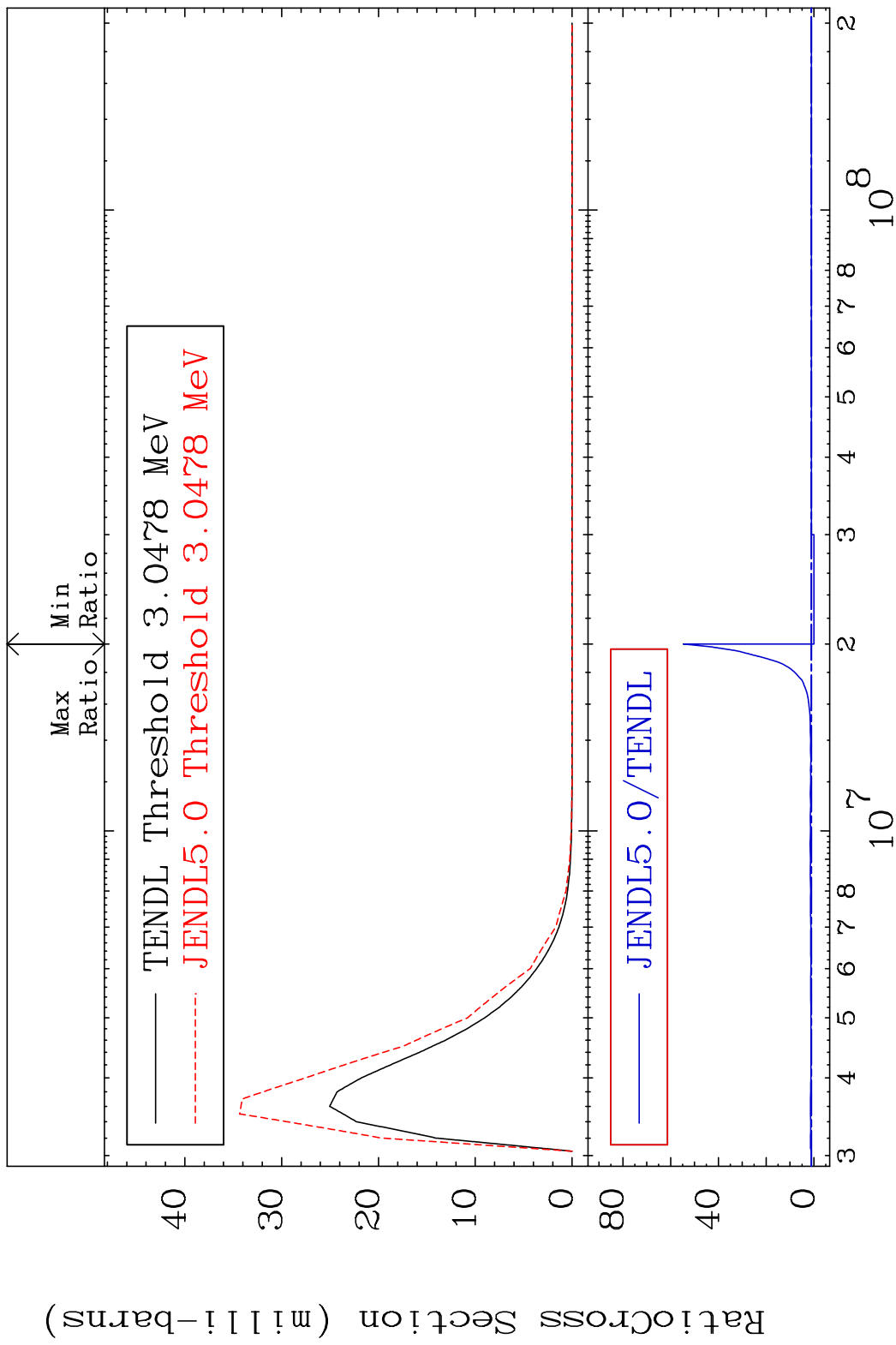
33 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 75 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 33.00 %



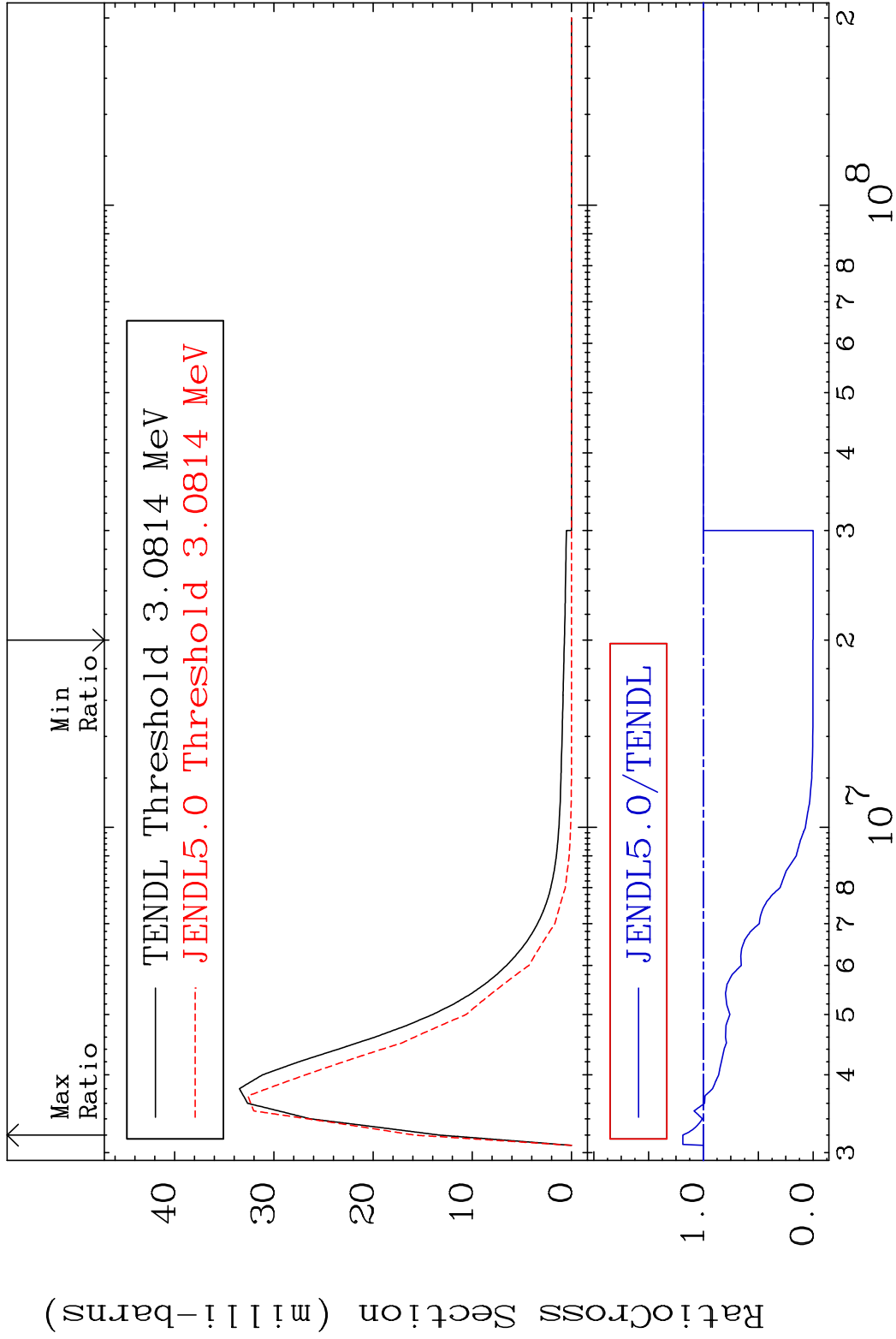
34 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 76 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 5362. %

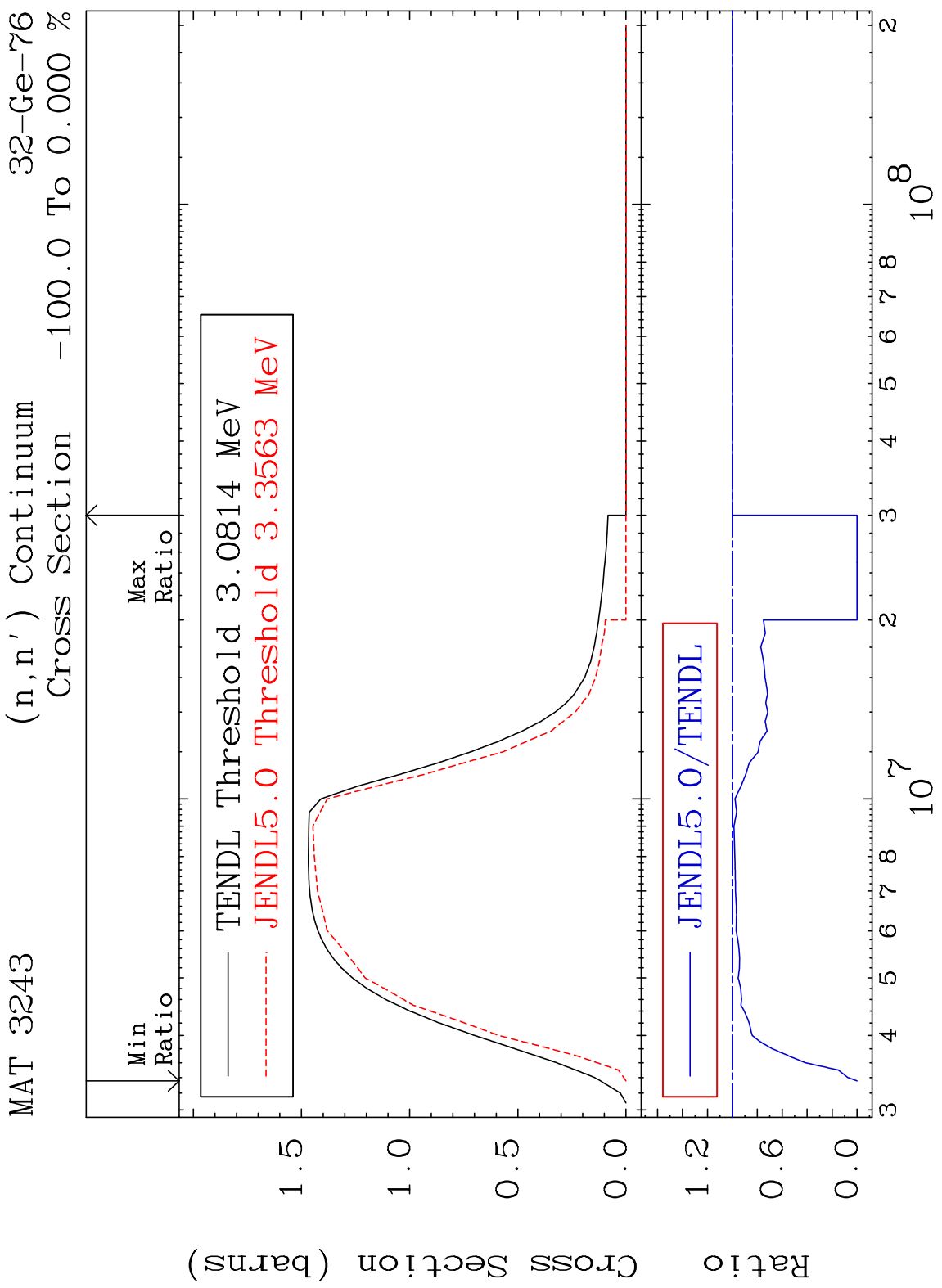


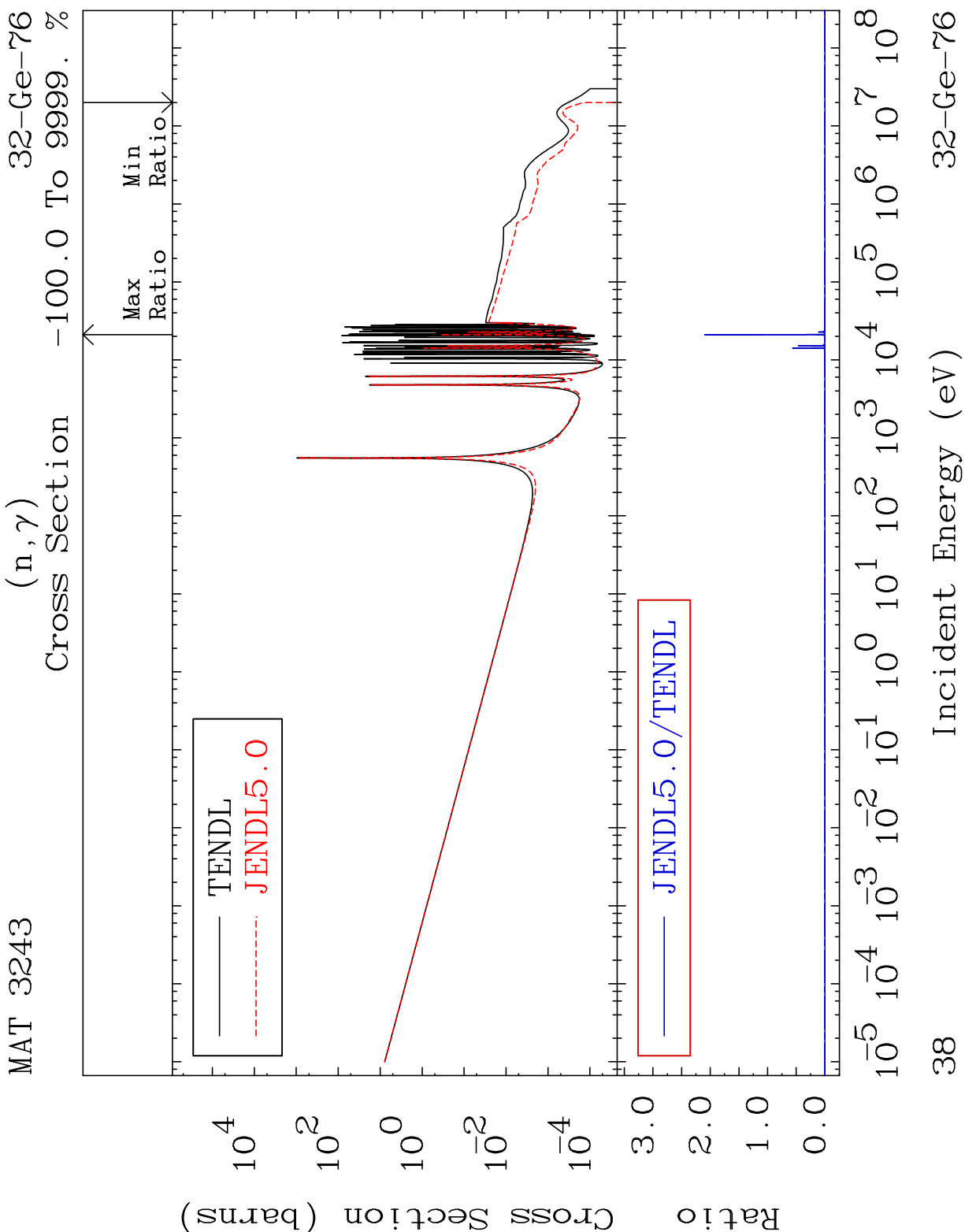
35 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 77 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 18.84 %

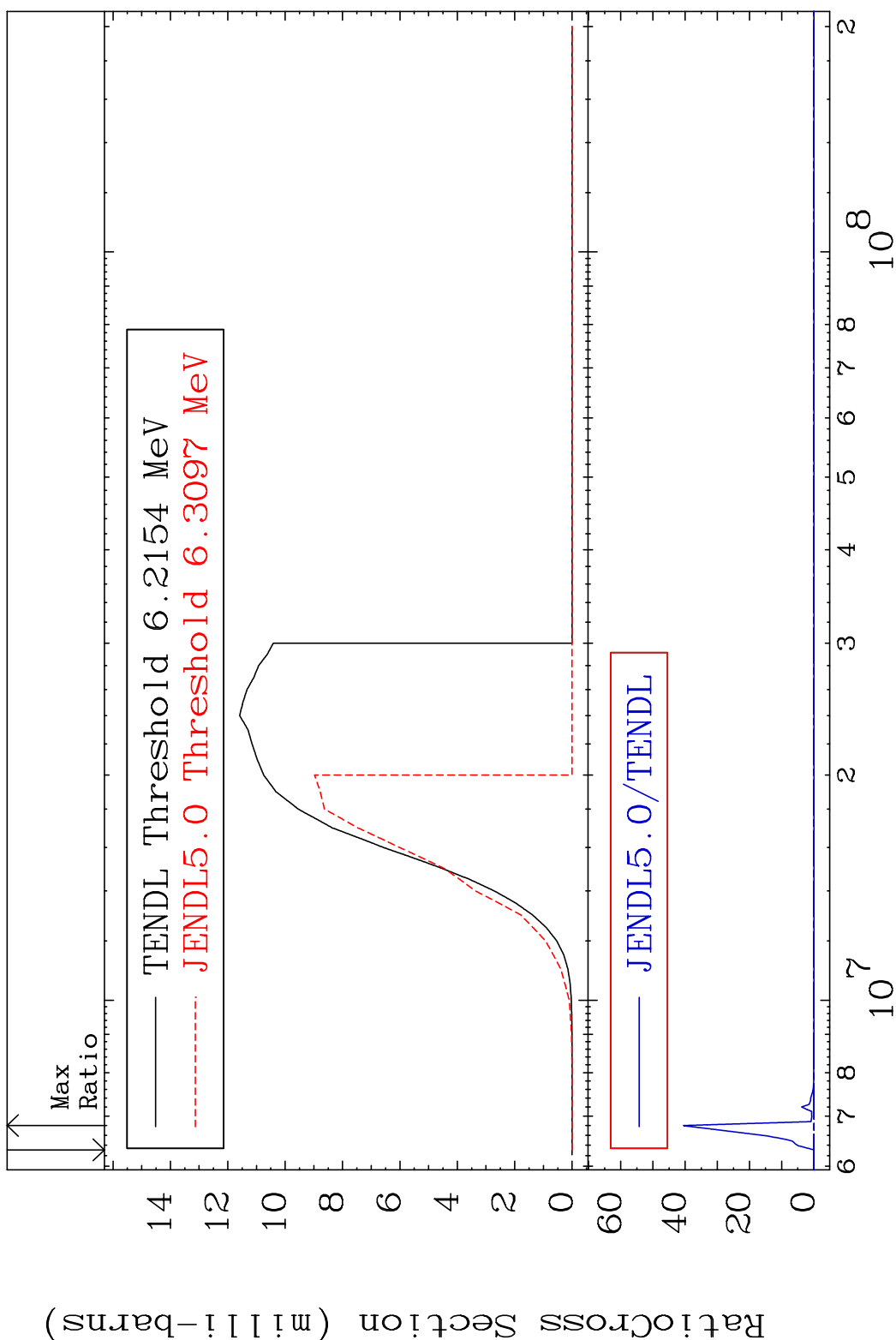


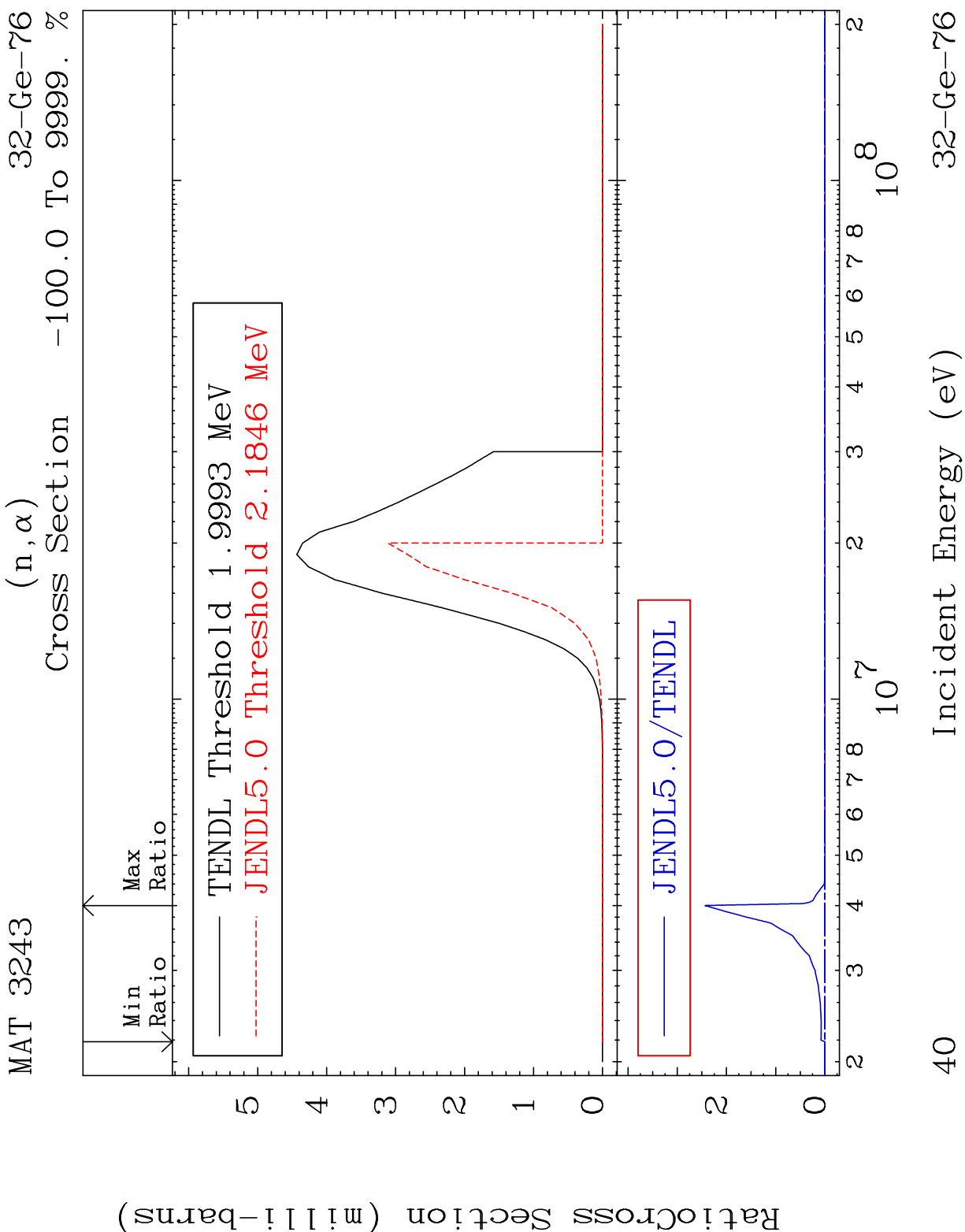
36 32-Ge-76



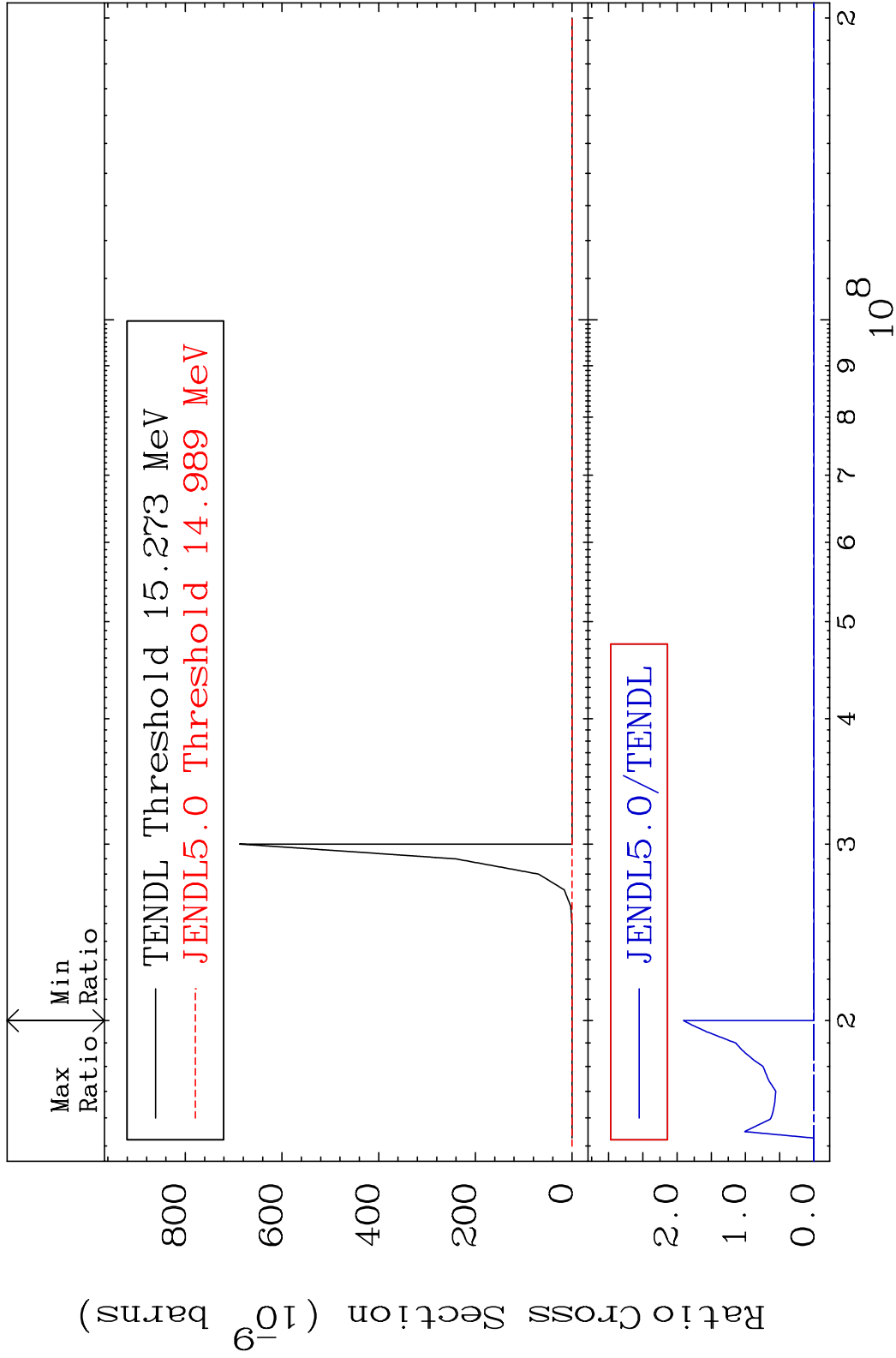


MAT 3243 (n,p) 32-Ge-76
 Cross Section -100.0 To 9999. %

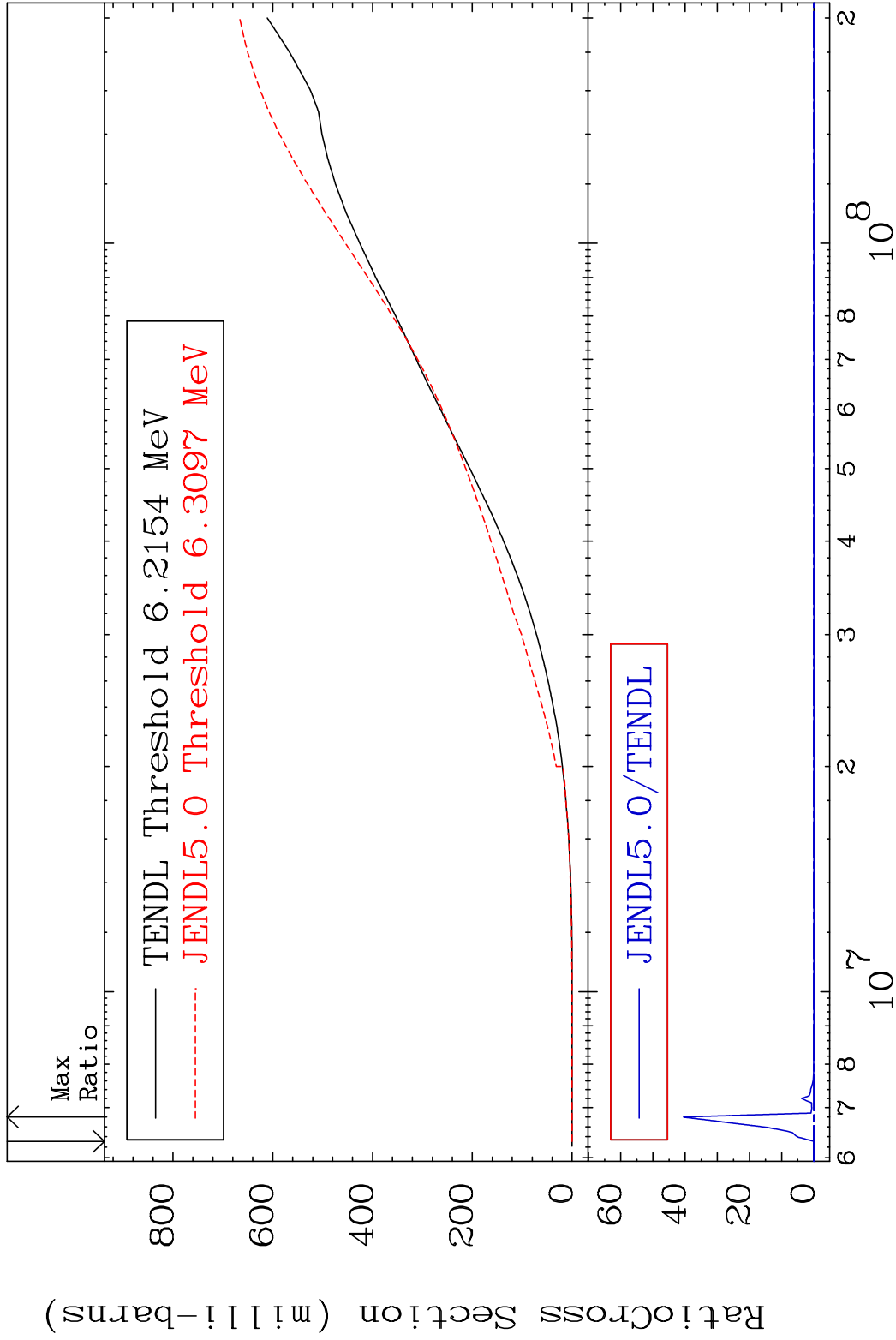




MAT 3243 (n,p) α 32-Ge-76
 Cross Section -100.0 To 9999. %

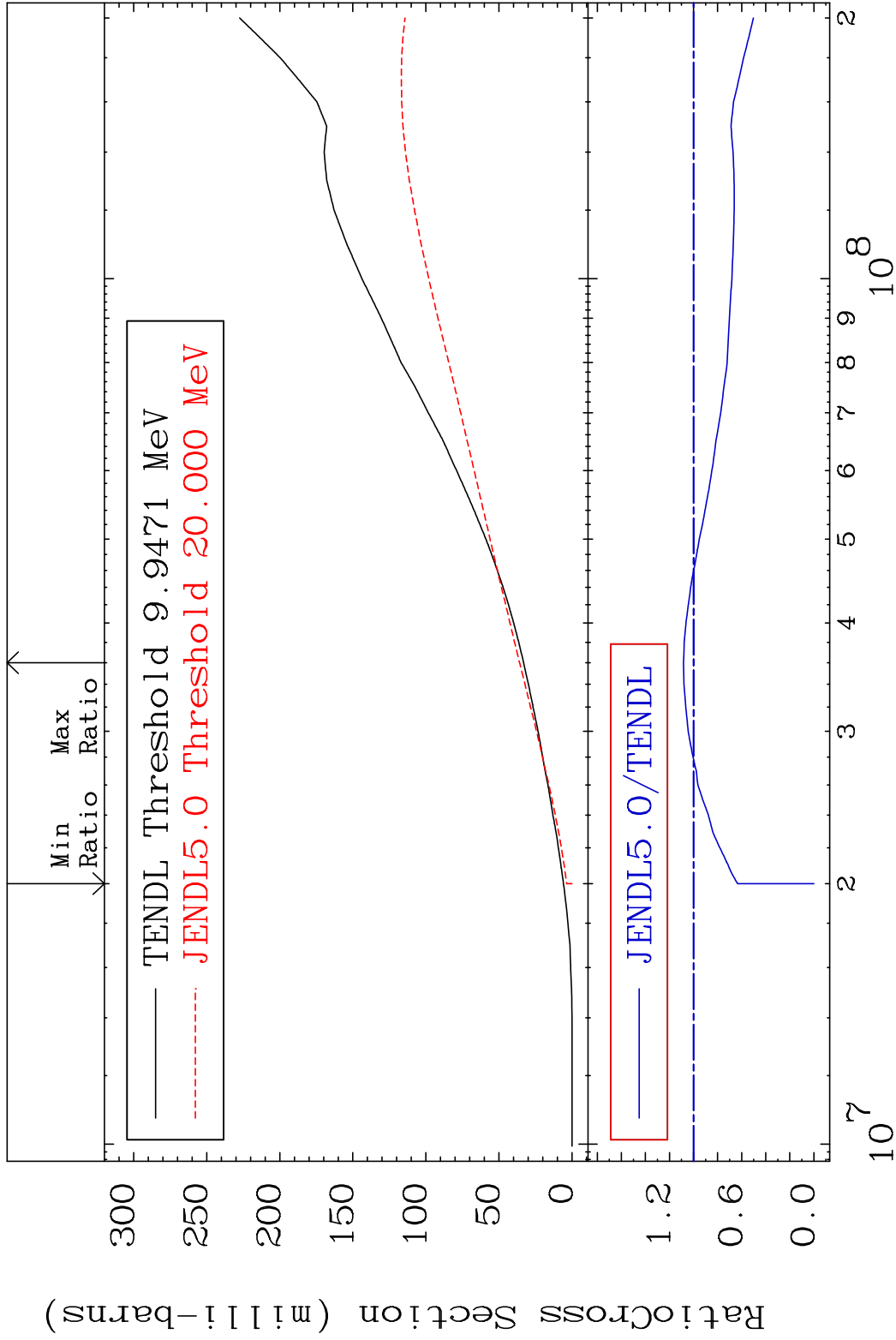


MAT 3243 Hydrogen Production 32-Ge-76
Cross Section -100.0 To 9999. %



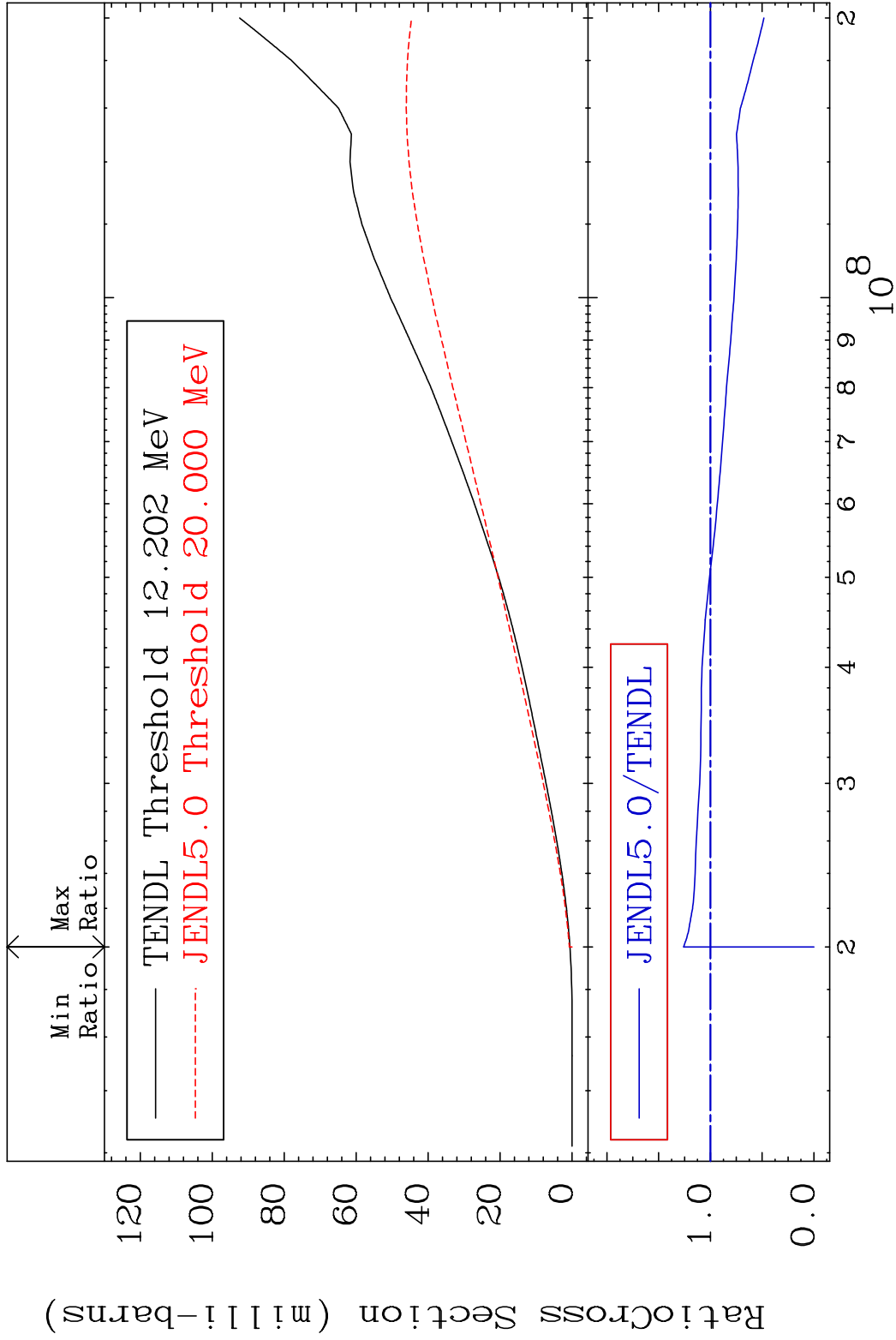
42 32-Ge-76

MAT 3243 Deuterium Production $^{32}\text{Ge-76}$
 Cross Section -100.0 To 8.410 %



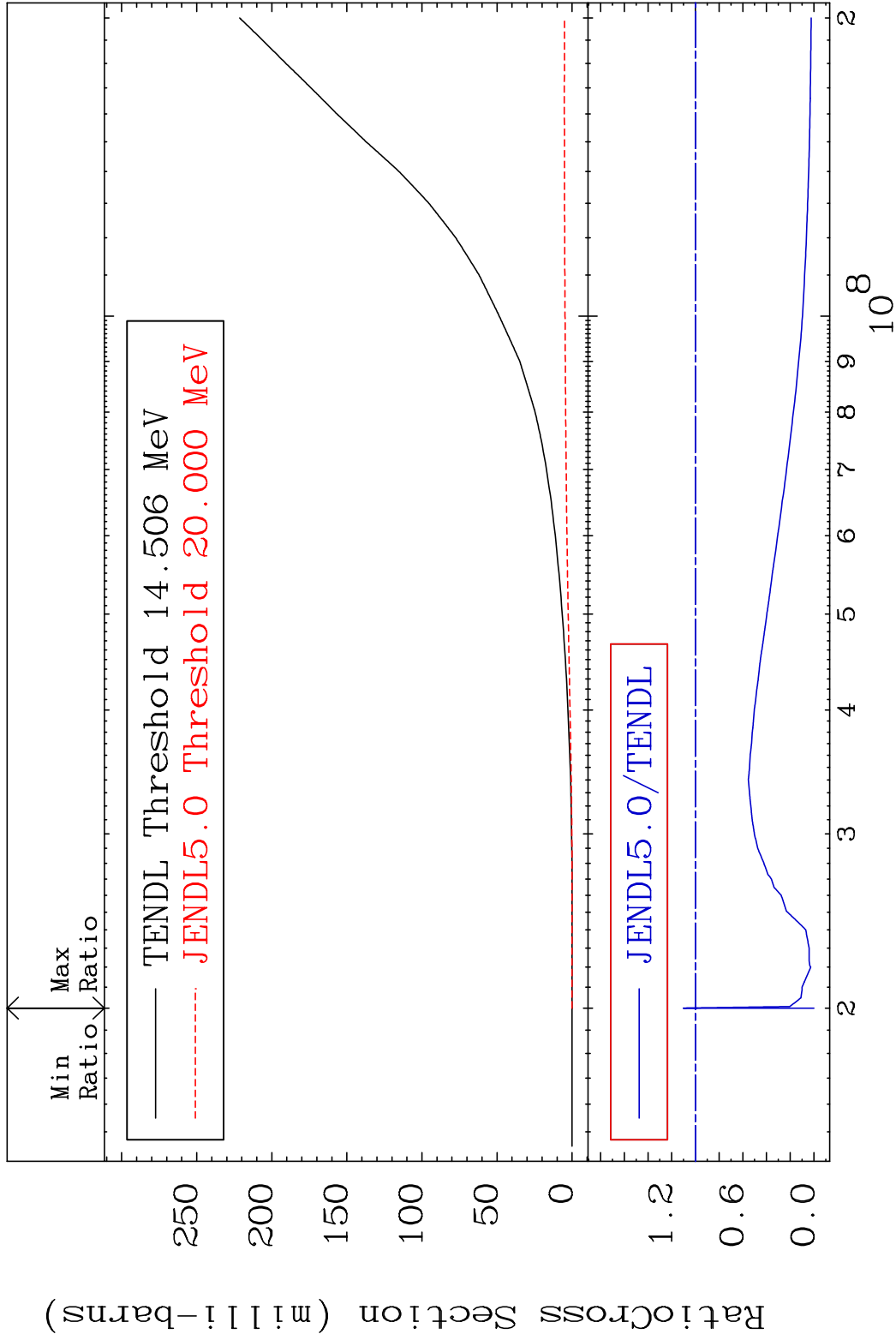
43 Incident Energy (eV) $^{32}\text{Ge-76}$

MAT 3243 Tritium Production 32-Ge-76
 Cross Section -100.0 To 26.07 %



44 Incident Energy (eV) 32-Ge-76

MAT 3243 He-3 Production 32-Ge-76
 Cross Section -100.0 To 10.07 %



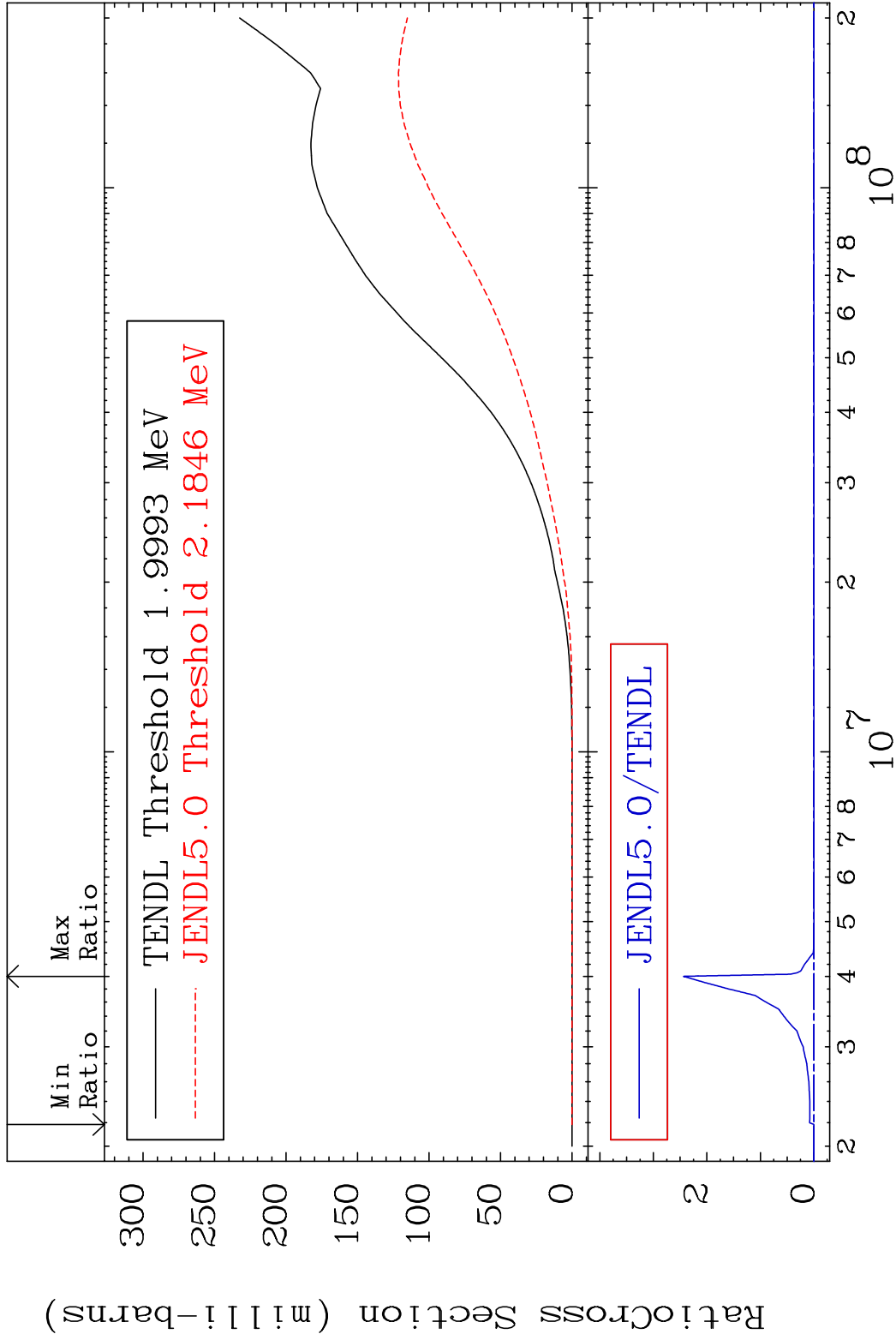
45 Incident Energy (eV) 32-Ge-76

MAT 3243

He-4 Production

32-Ge-76

Cross Section -100.0 To 9999. %

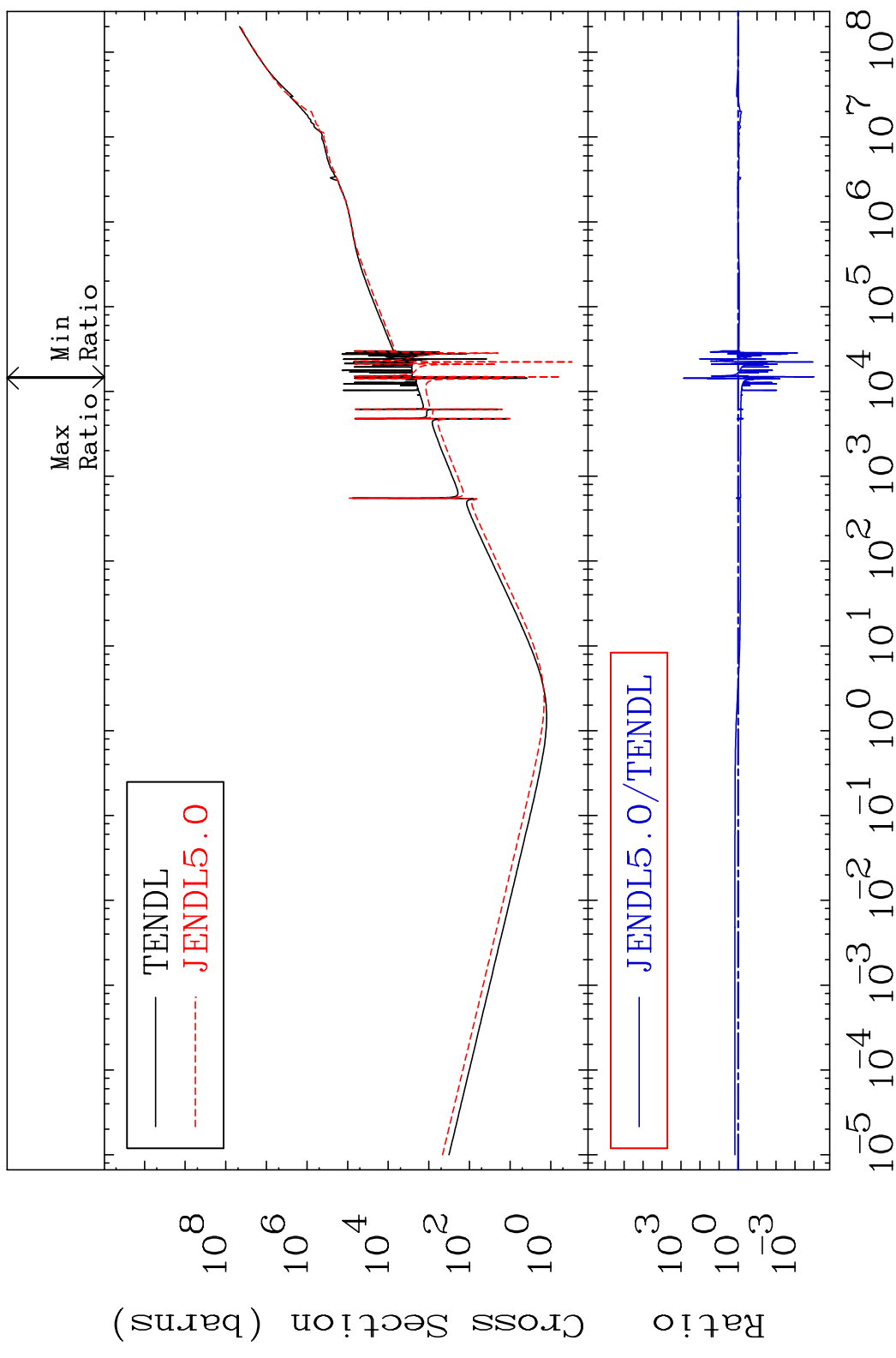


46

Incident Energy (eV)

32-Ge-76

MAT 3243 Kerma total (eV-barns) 32-Ge-76
 Cross Section -99.99 To 9999. %

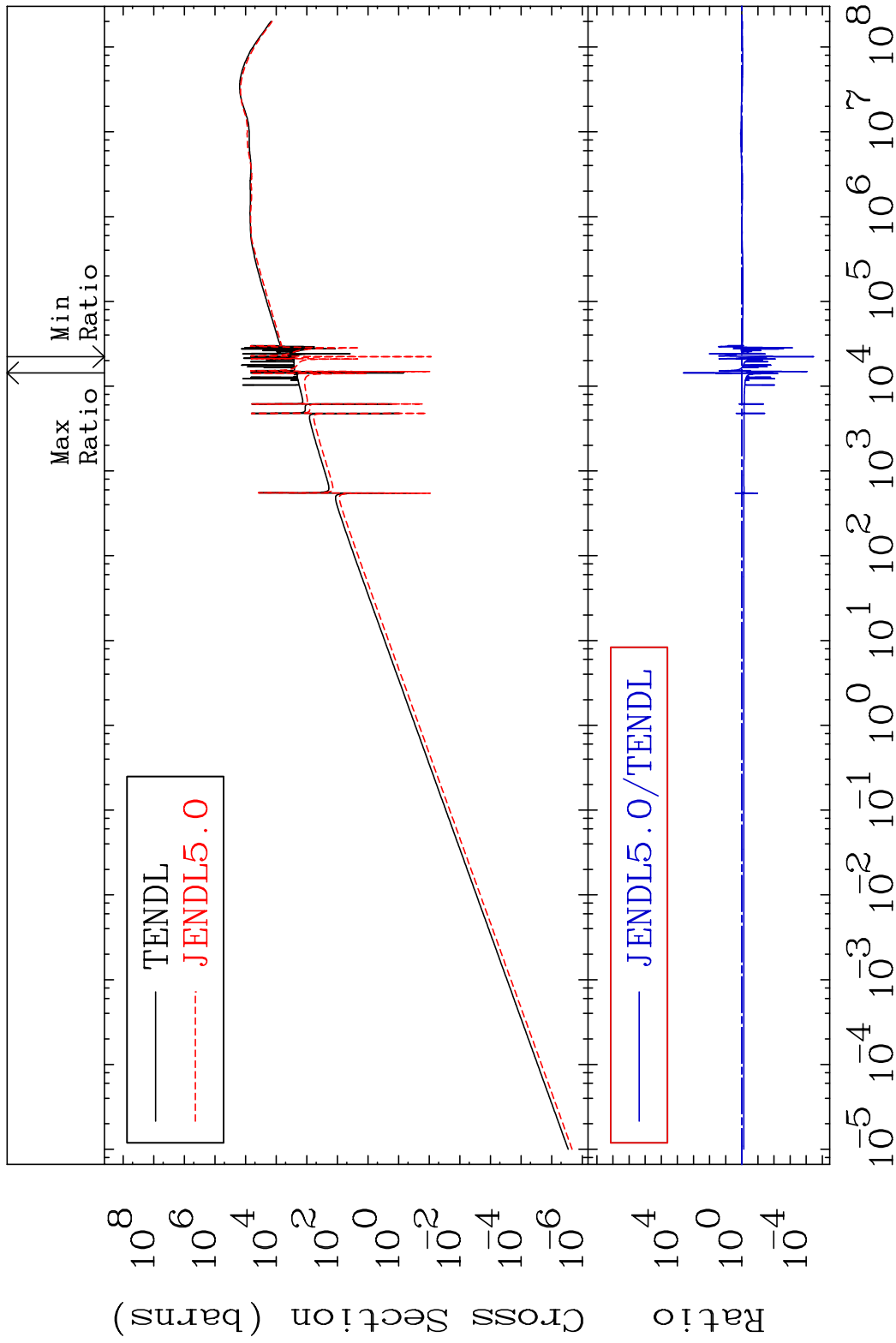


47 Incident Energy (eV) 32-Ge-76

MAT 3243

Kerma elastic
Cross Section

32-Ge-76
-100.0 To 9999. %

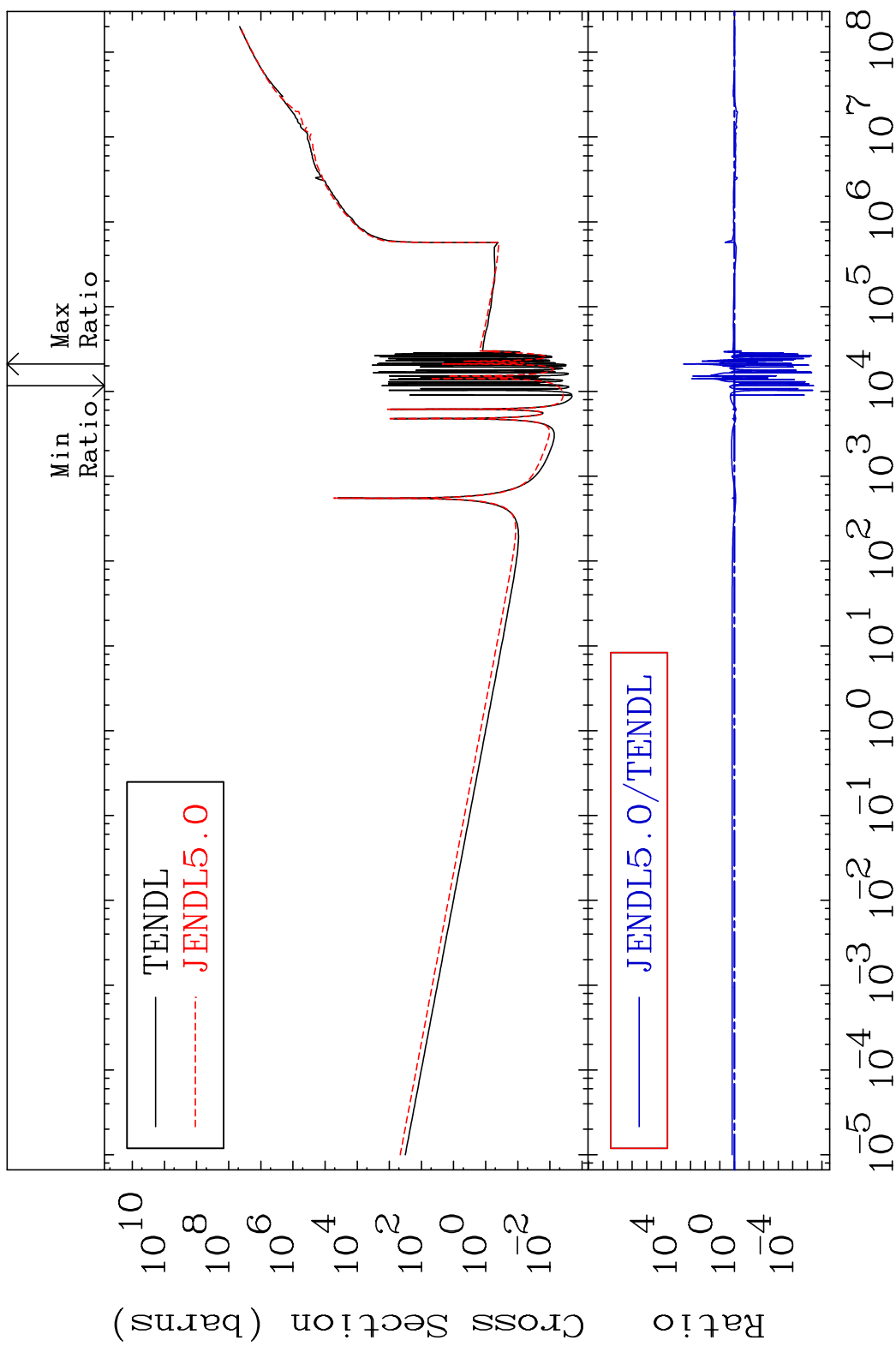


48

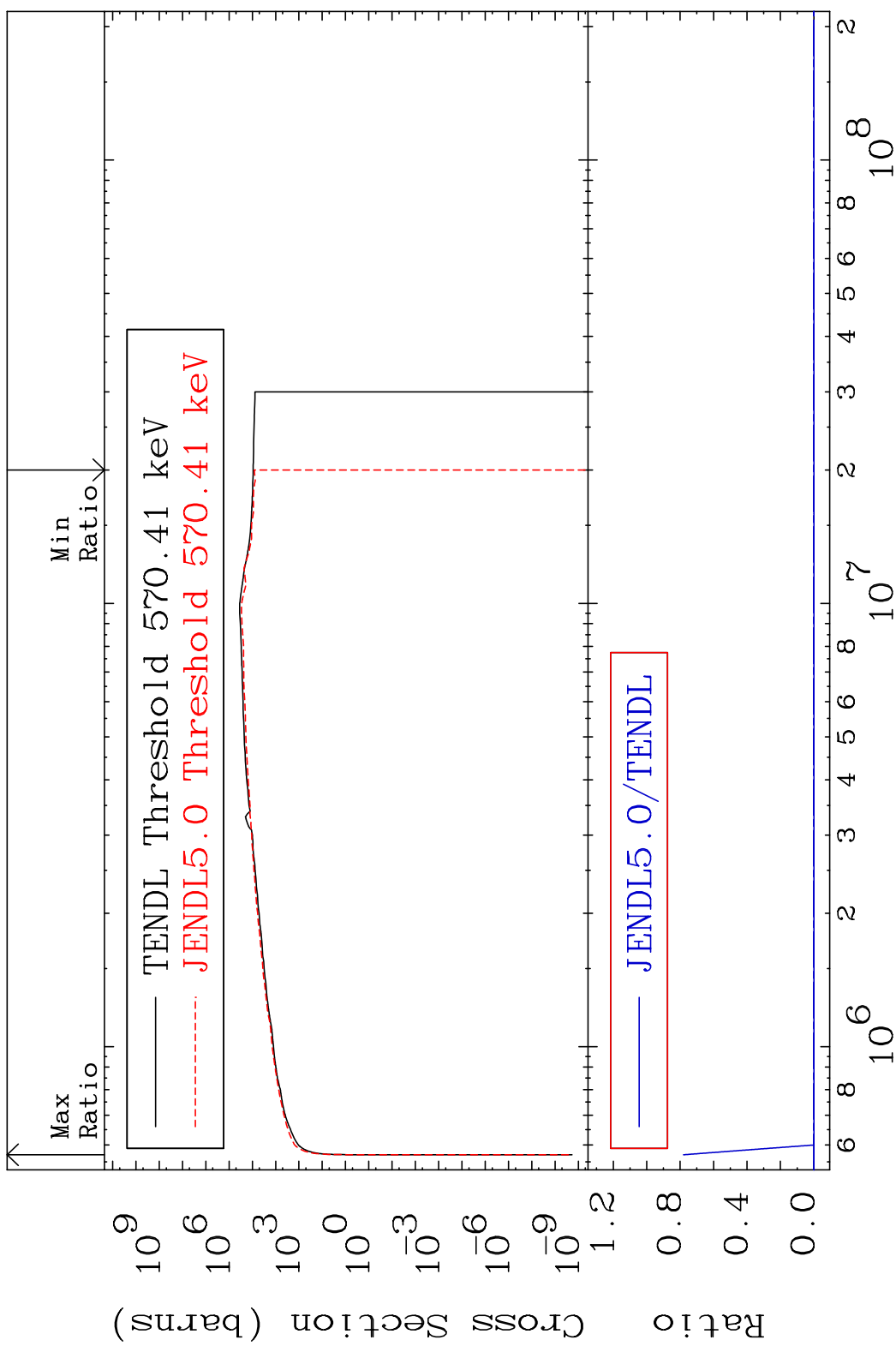
Incident Energy (eV)

32-Ge-76

MAT 3243 Kerma non-elastic (all but mt2) 32-Ge-76
 Cross Section -100.0 To 9999. %

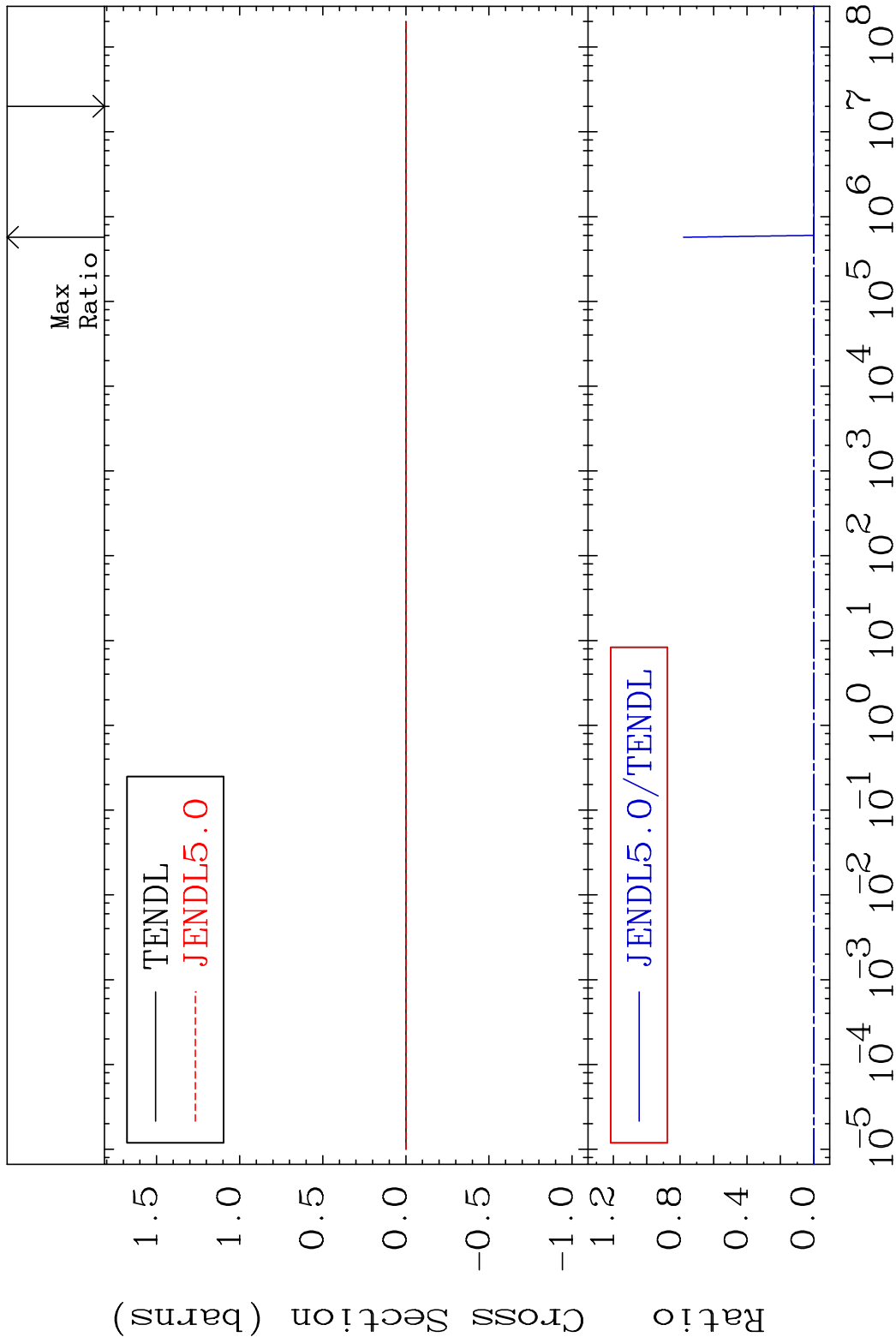


MAT 3243 Kerma inelastic (mt51-91) 32-Ge-76
 Cross Section -100.0 To 9999. %

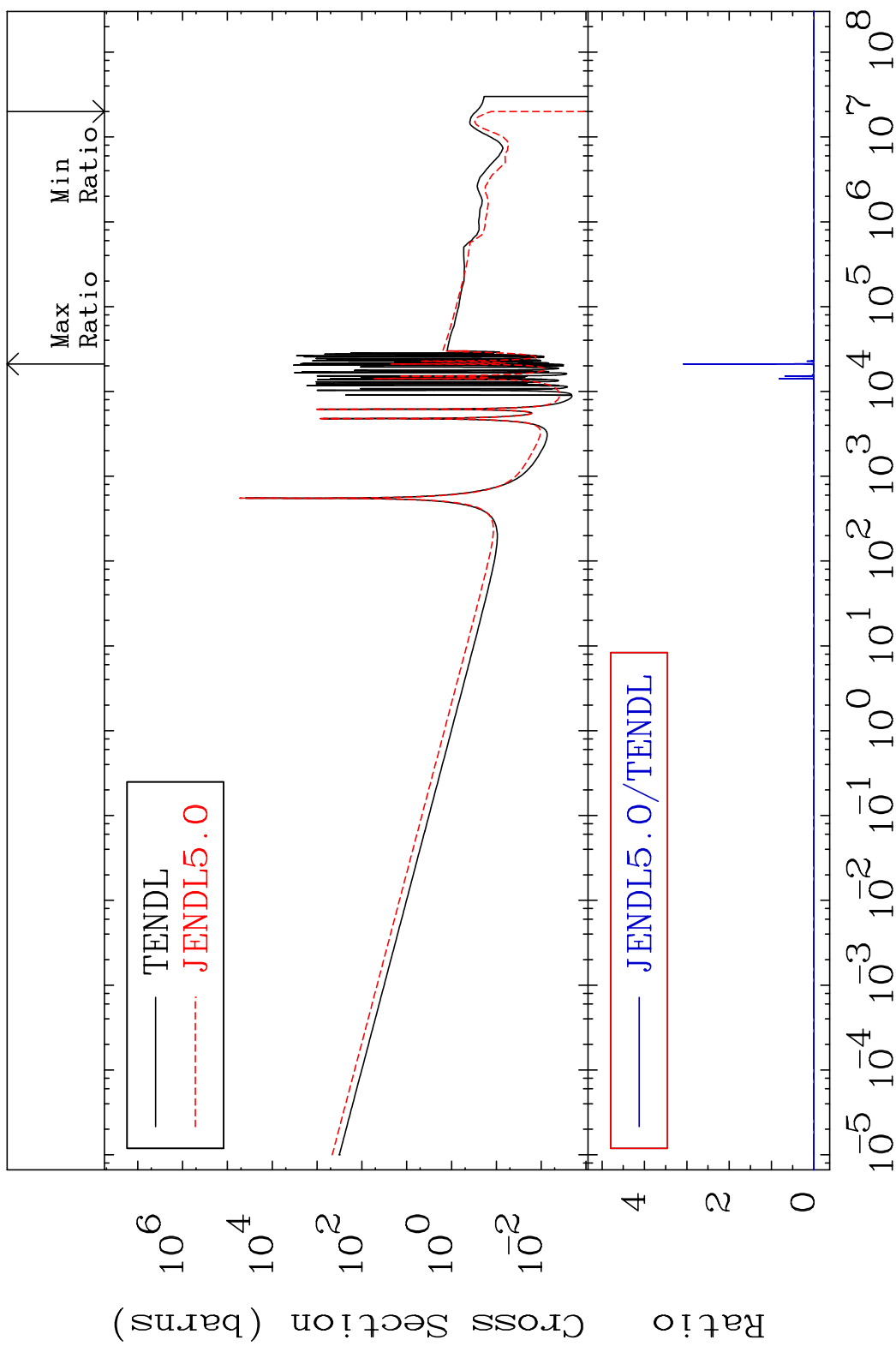


50 Incident Energy (eV) 32-Ge-76

MAT 3243 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-76
 Cross Section -100.0 To 9999. %

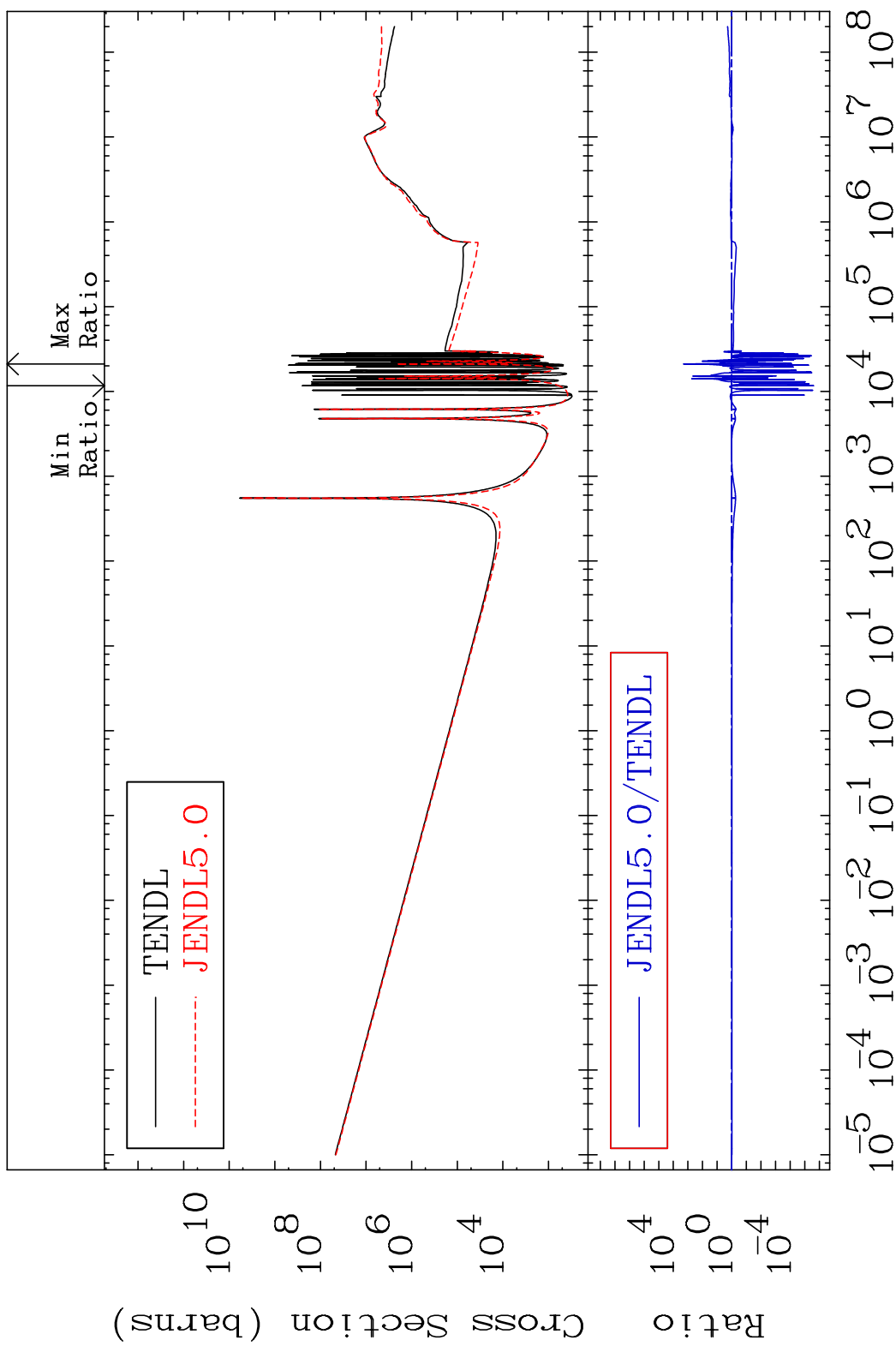


MAT 3243 Kerma capture (mt102) 32-Ge-76
 Cross Section -100.0 To 9999. %



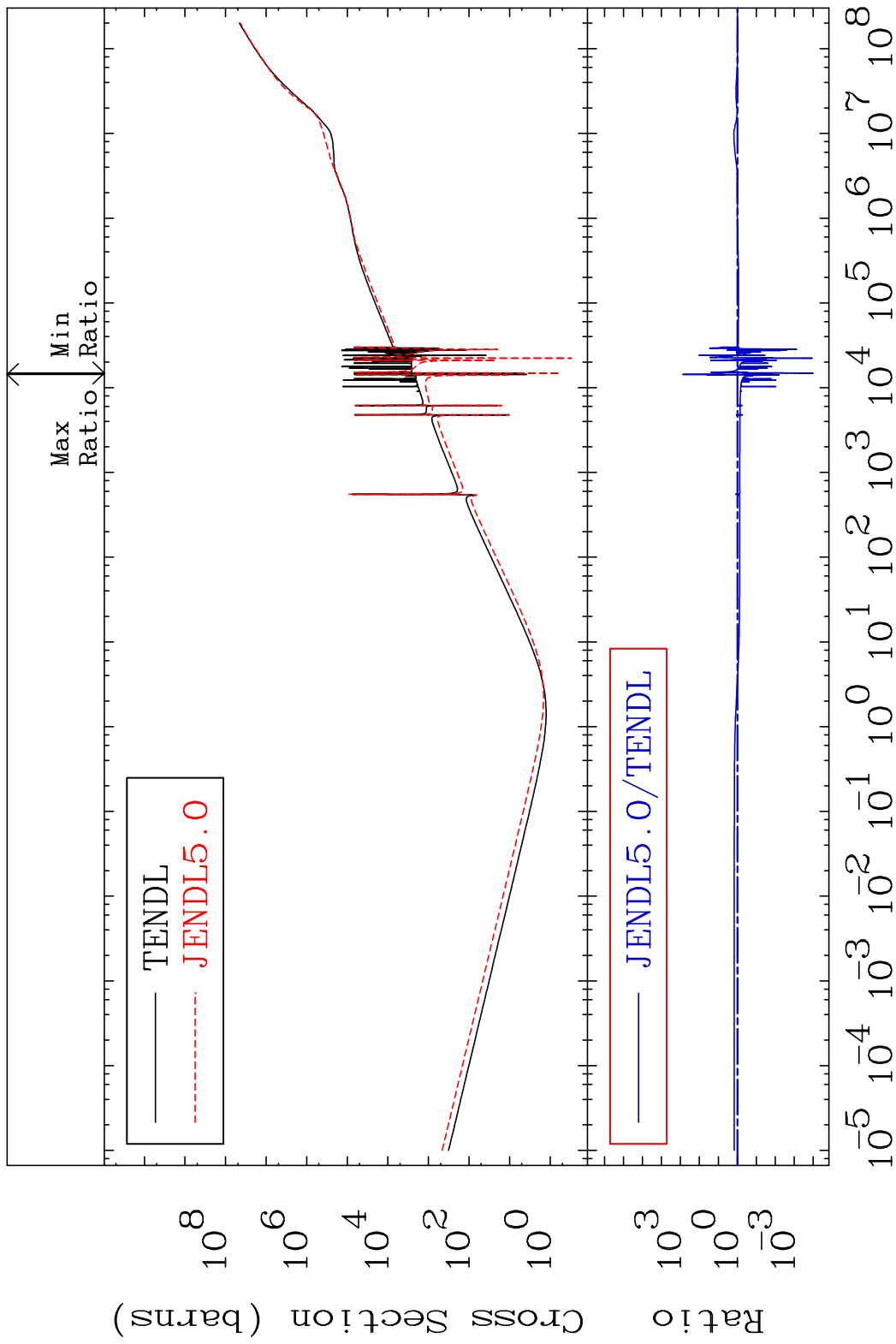
52 Incident Energy (eV) 32-Ge-76

MAT 3243 Total photon (eV-barns) 32-Ge-76
 Cross Section -100.0 To 9999. %



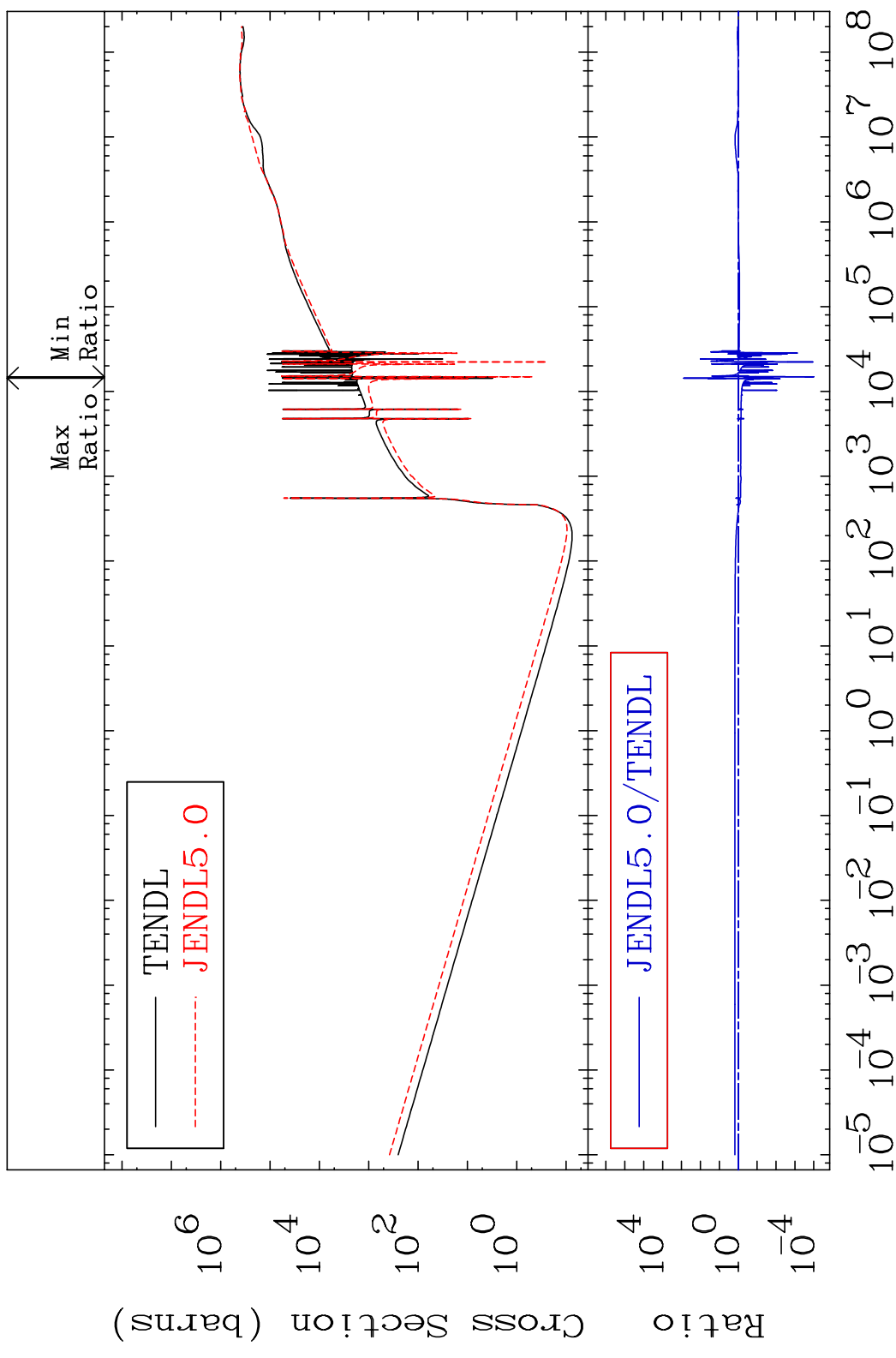
53 Incident Energy (eV) 32-Ge-76

MAT 3243 Total kinematic kerma (high limit) 32-Ge-76
 Cross Section -99.99 To 9999. %



54 Incident Energy (eV) 32-Ge-76

MAT 3243 Dpa total (eV-barns) 32-Ge-76
 Cross Section -99.99 To 9999. %

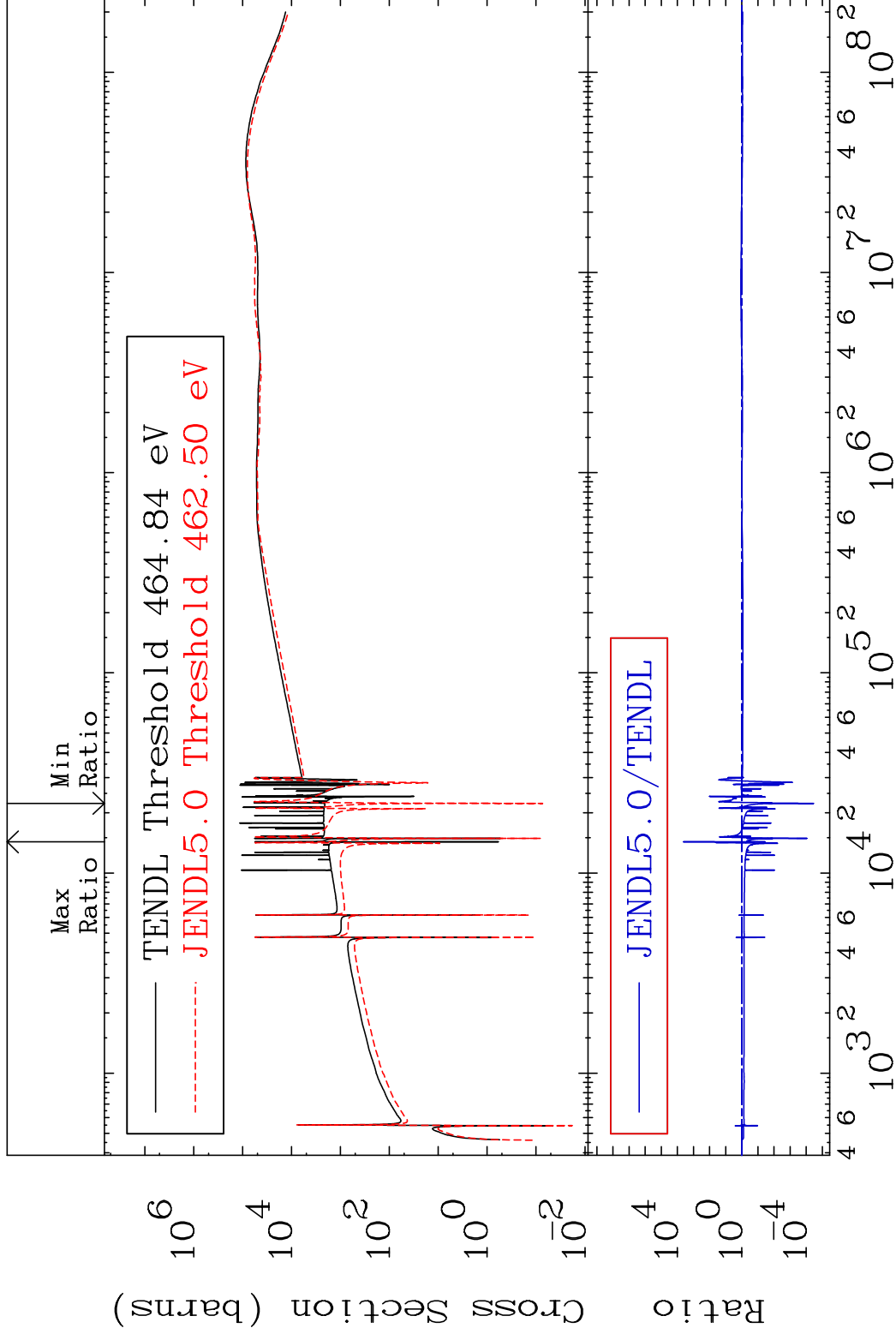


MAT 3243

Dpa elastic (mt2)

32-Ge-76

Cross Section -100.0 To 9999. %

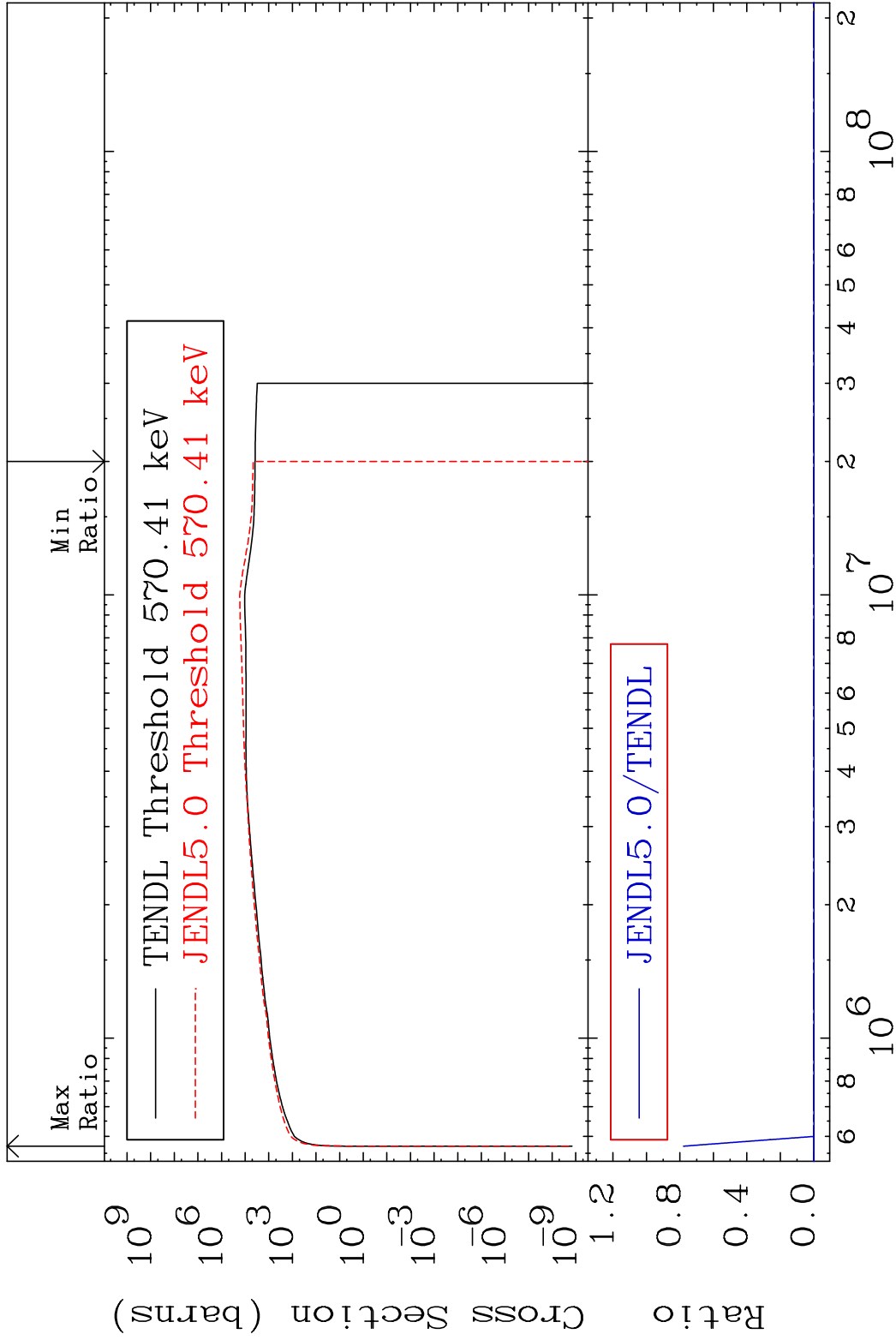


56

Incident Energy (eV)

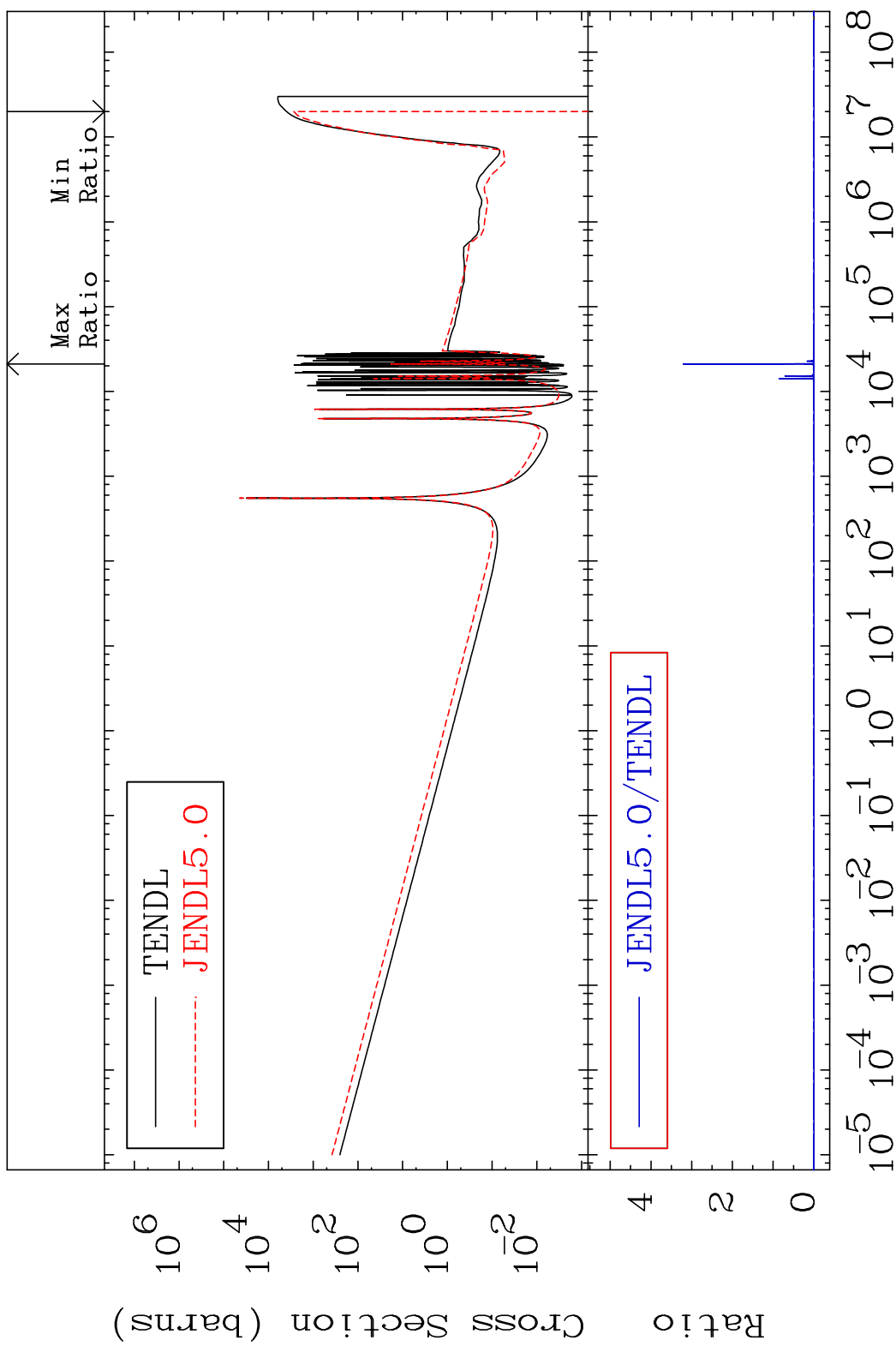
32-Ge-76

MAT 3243 Dpa inelastic (mt51-91) 32-Ge-76
 Cross Section -100.0 To 9999. %

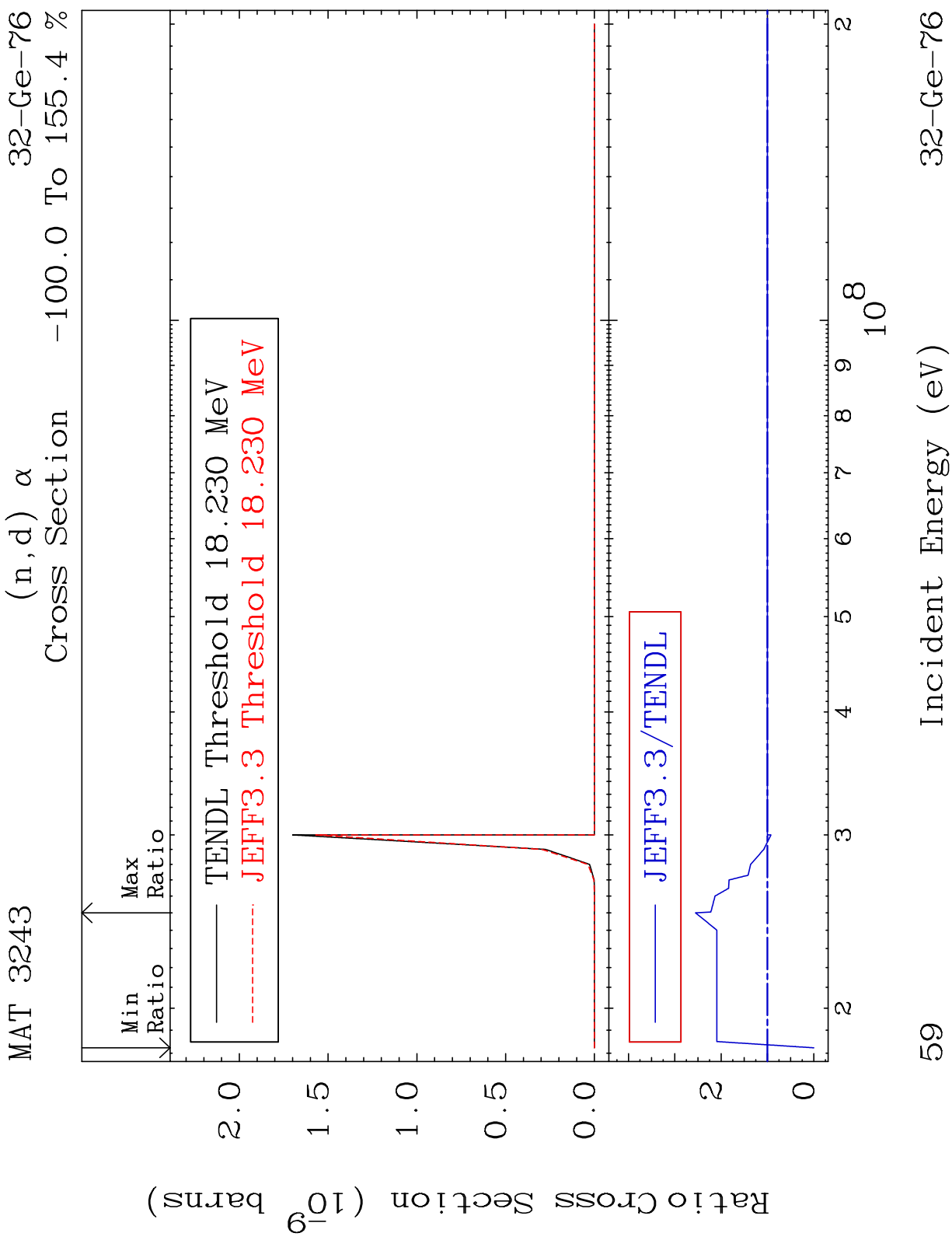


57 32-Ge-76

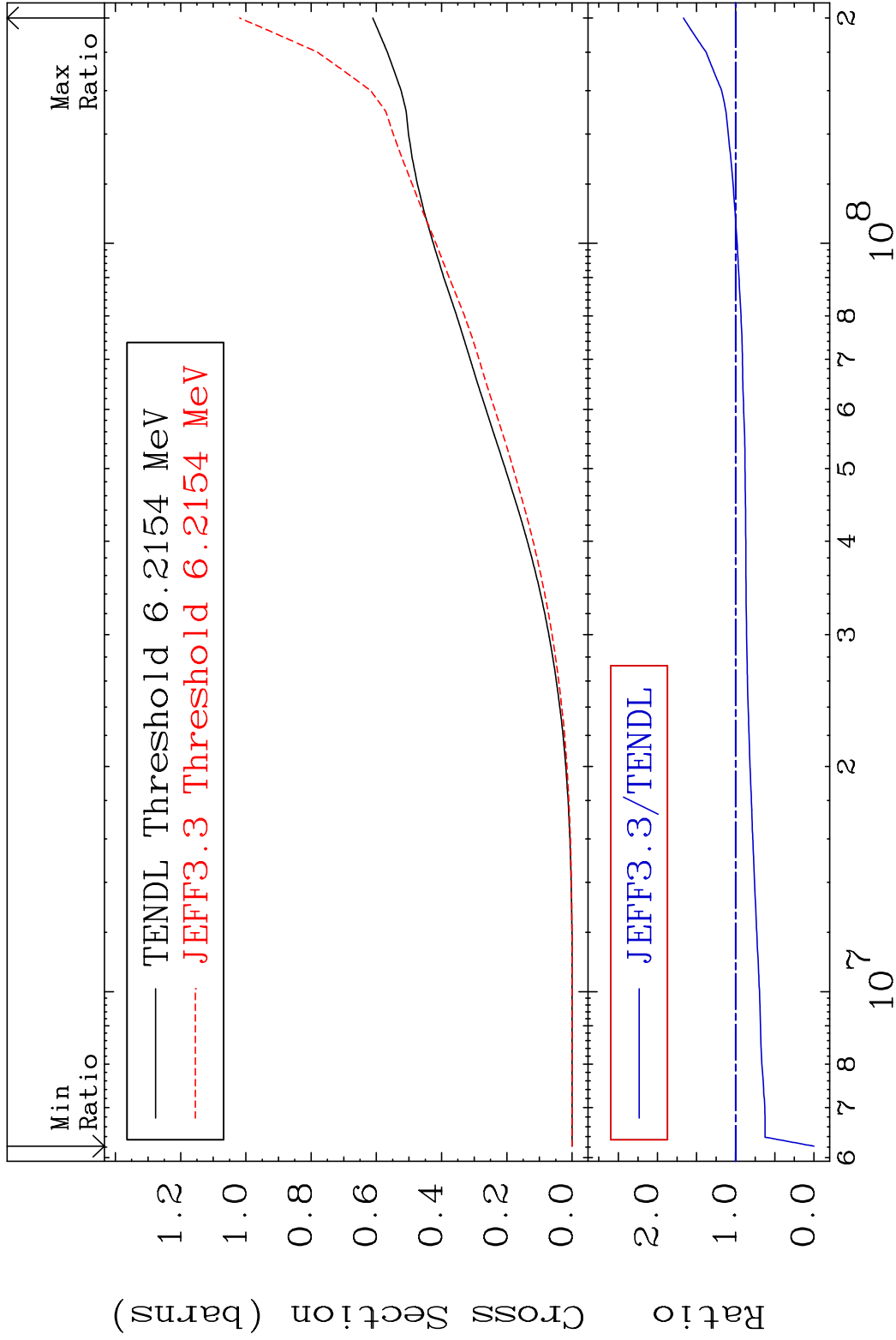
MAT 3243 Dpa disappearance (mt102 -120) 32-Ge-76
 Cross Section -100.0 To 9999. %



58 Incident Energy (eV) 32-Ge-76

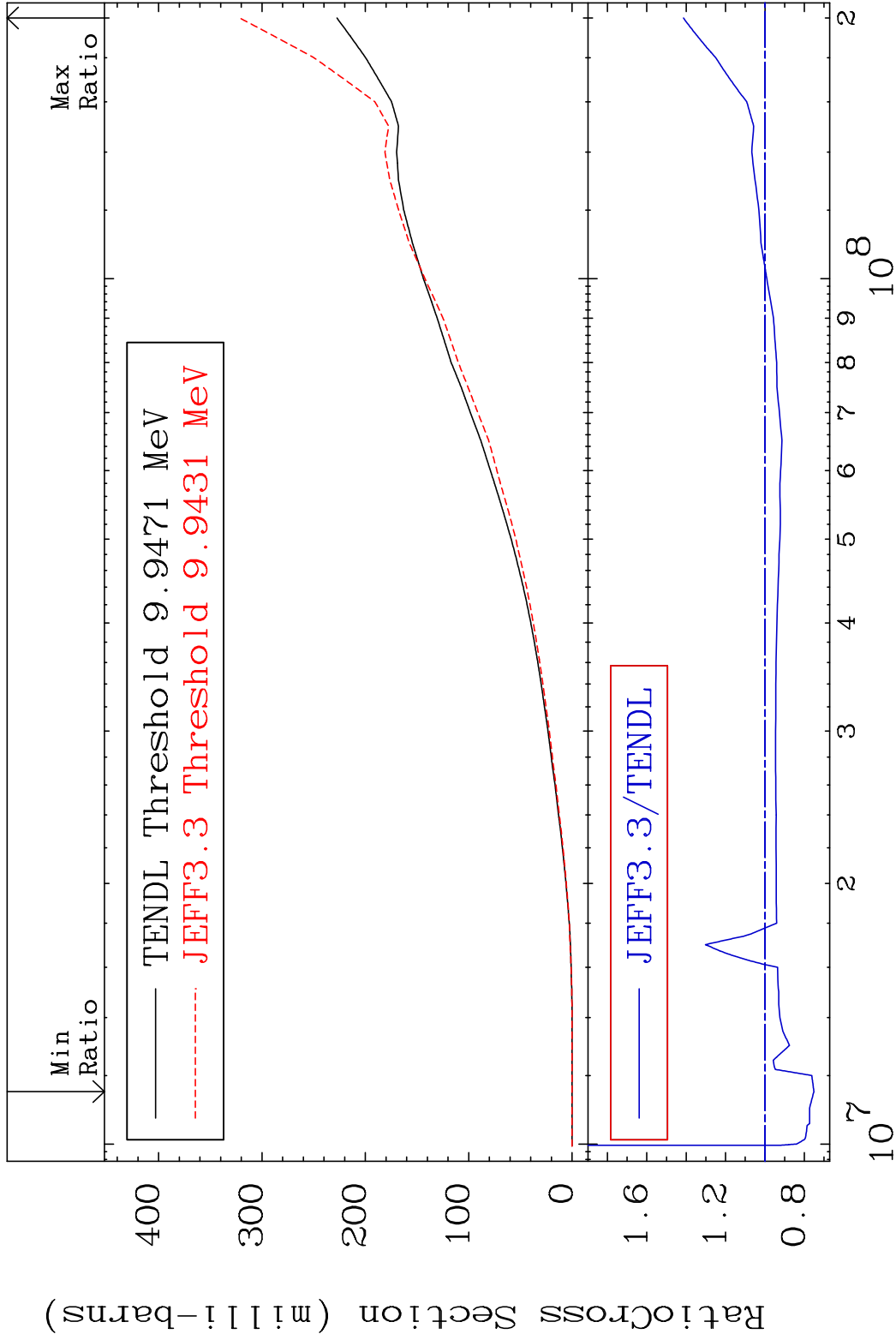


MAT 3243 Hydrogen Production 32-Ge-76
 Cross Section -100.0 To 66.80 %



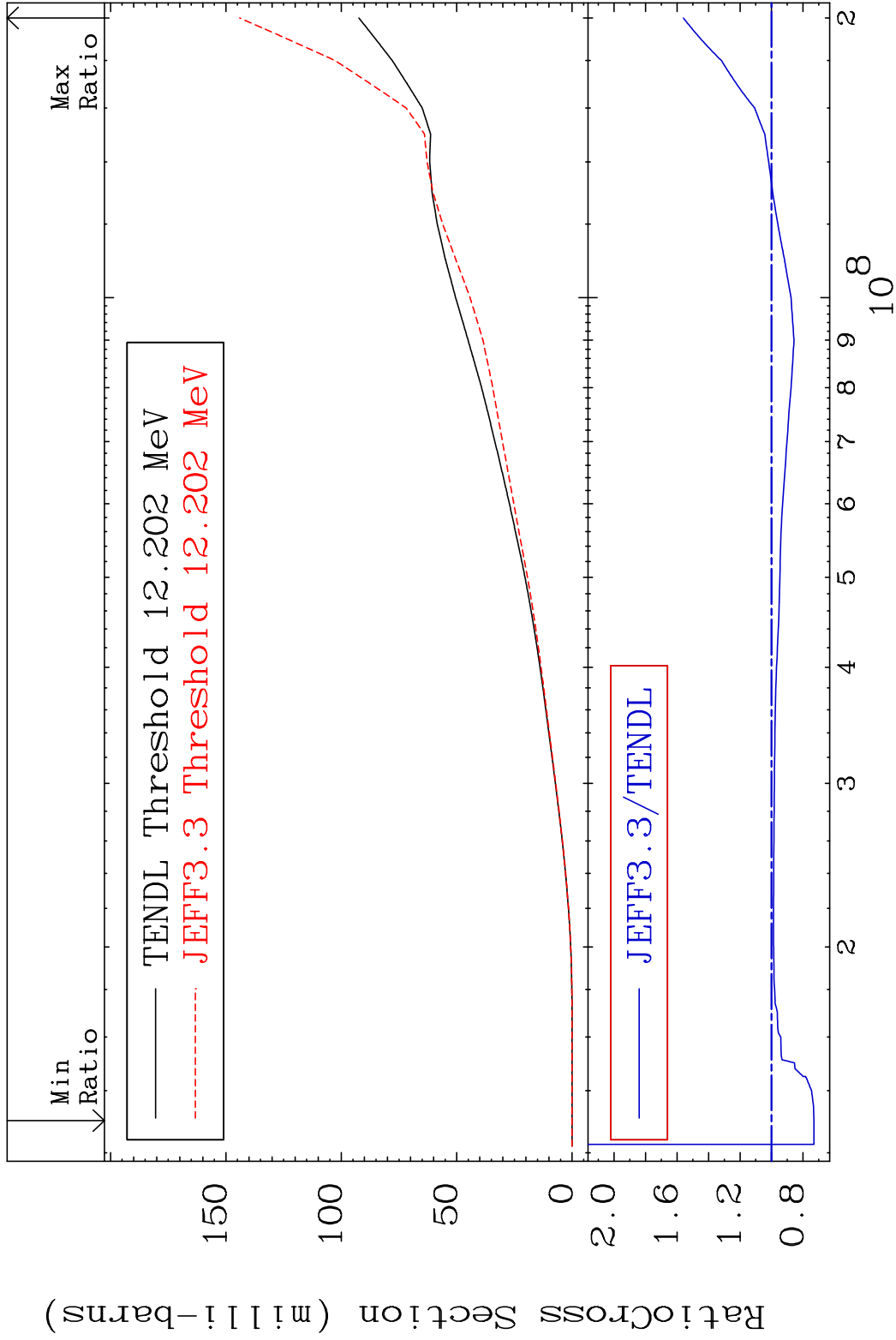
60 Incident Energy (eV) 32-Ge-76

MAT 3243 Deuterium Production 32-Ge-76
 Cross Section -24.84 To 41.39 %



61 Incident Energy (eV) 32-Ge-76

MAT 3243 Tritium Production 32-Ge-76
 Cross Section -26.89 To 55.93 %



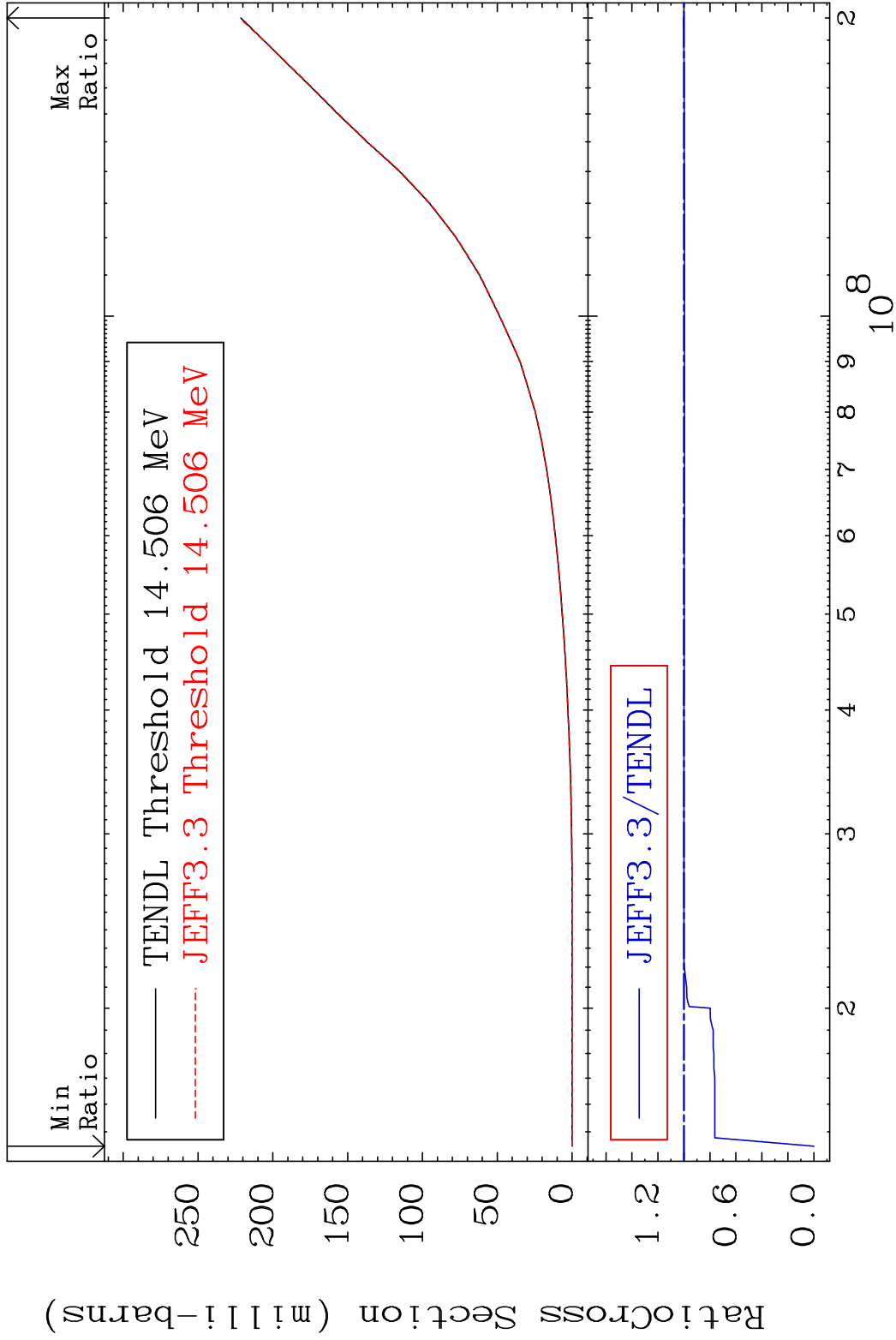
62 32-Ge-76

MAT 3243

He-3 Production

32-Ge-76

Cross Section -100.0 To 0.354 %

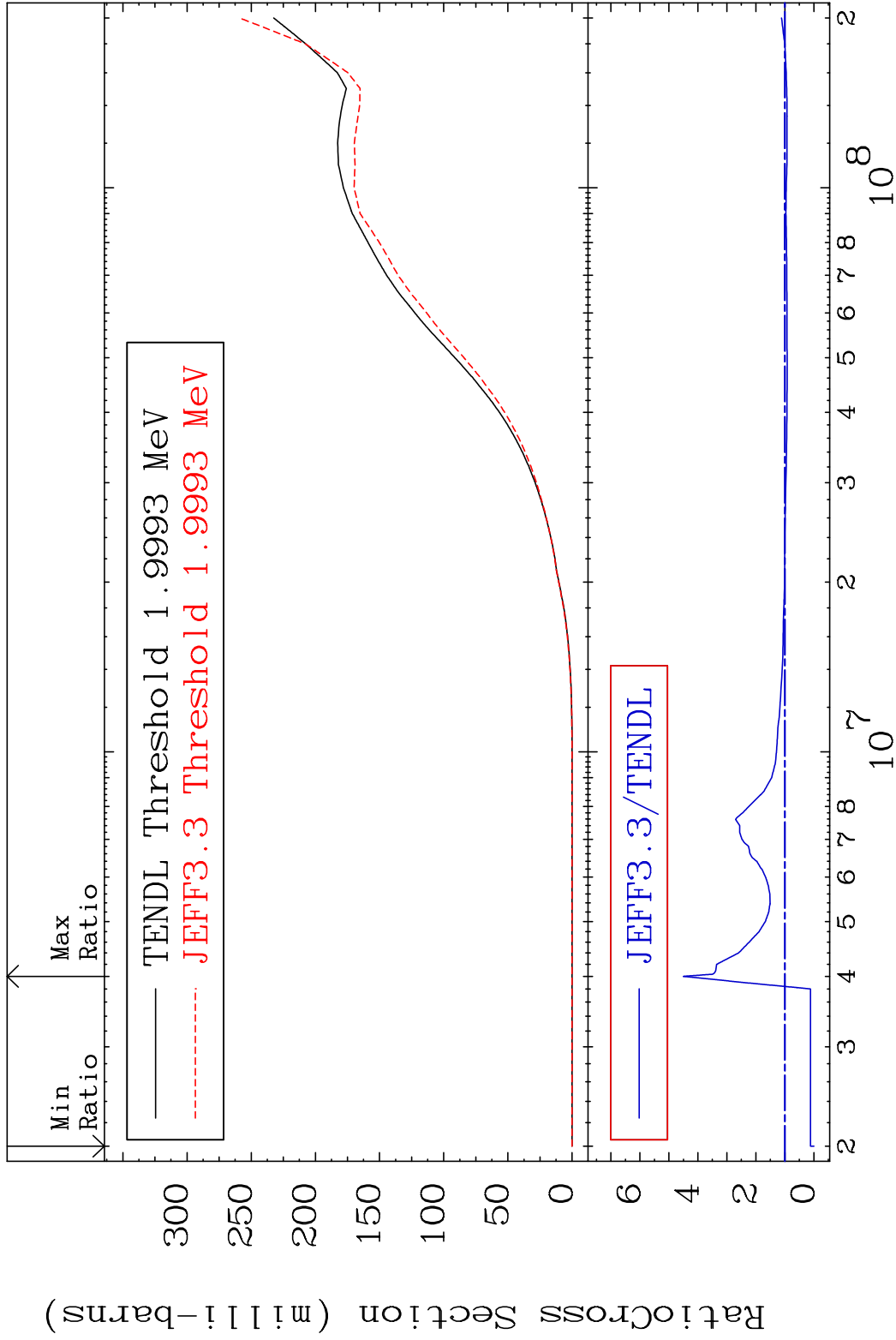


63

Incident Energy (eV)

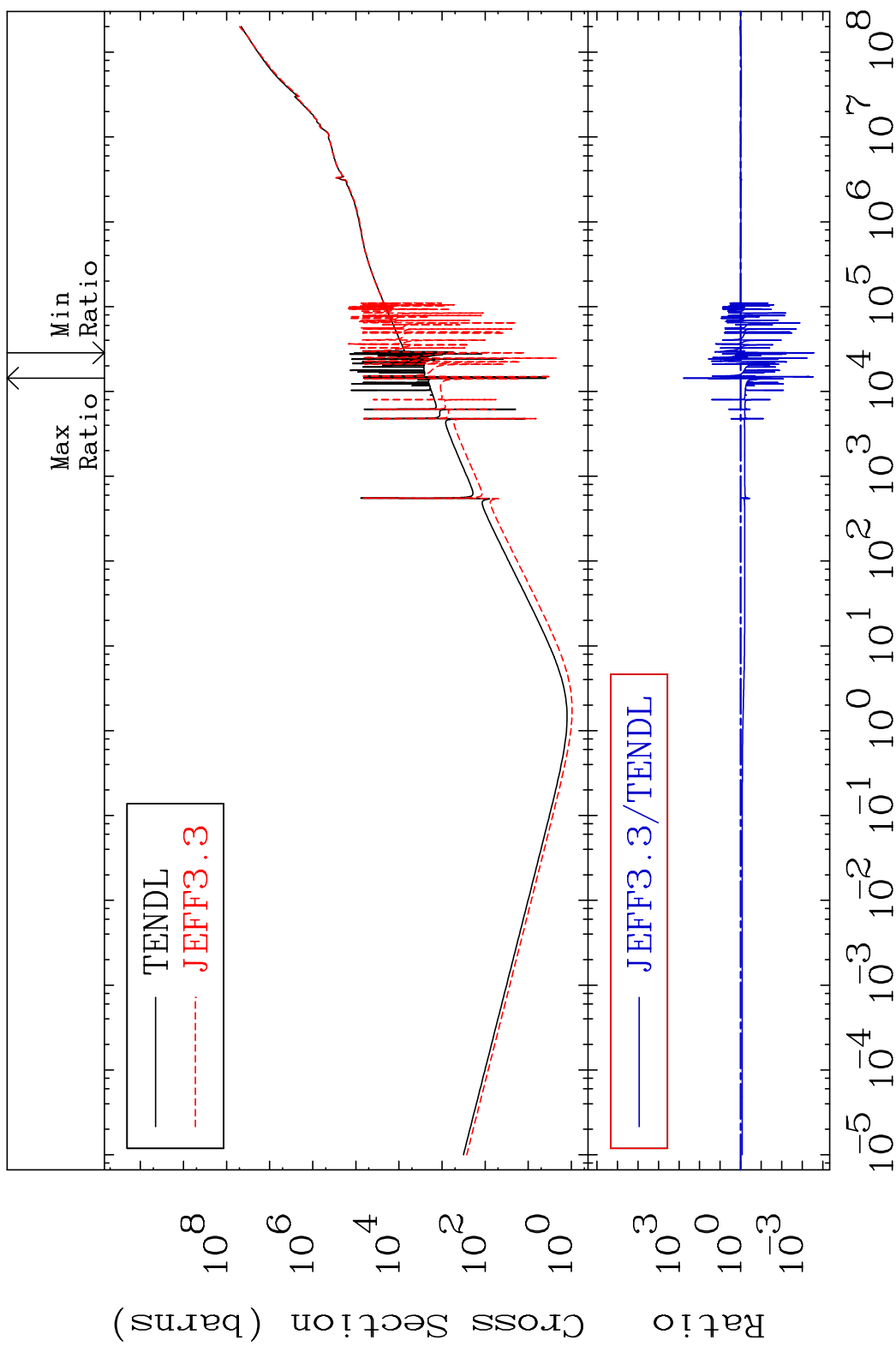
32-Ge-76

MAT 3243 He-4 Production 32-Ge-76
 Cross Section -100.0 To 349.7 %



64 Incident Energy (eV) 32-Ge-76

MAT 3243 Kerma total (eV-barns) 32-Ge-76
 Cross Section -99.97 To 9999. %

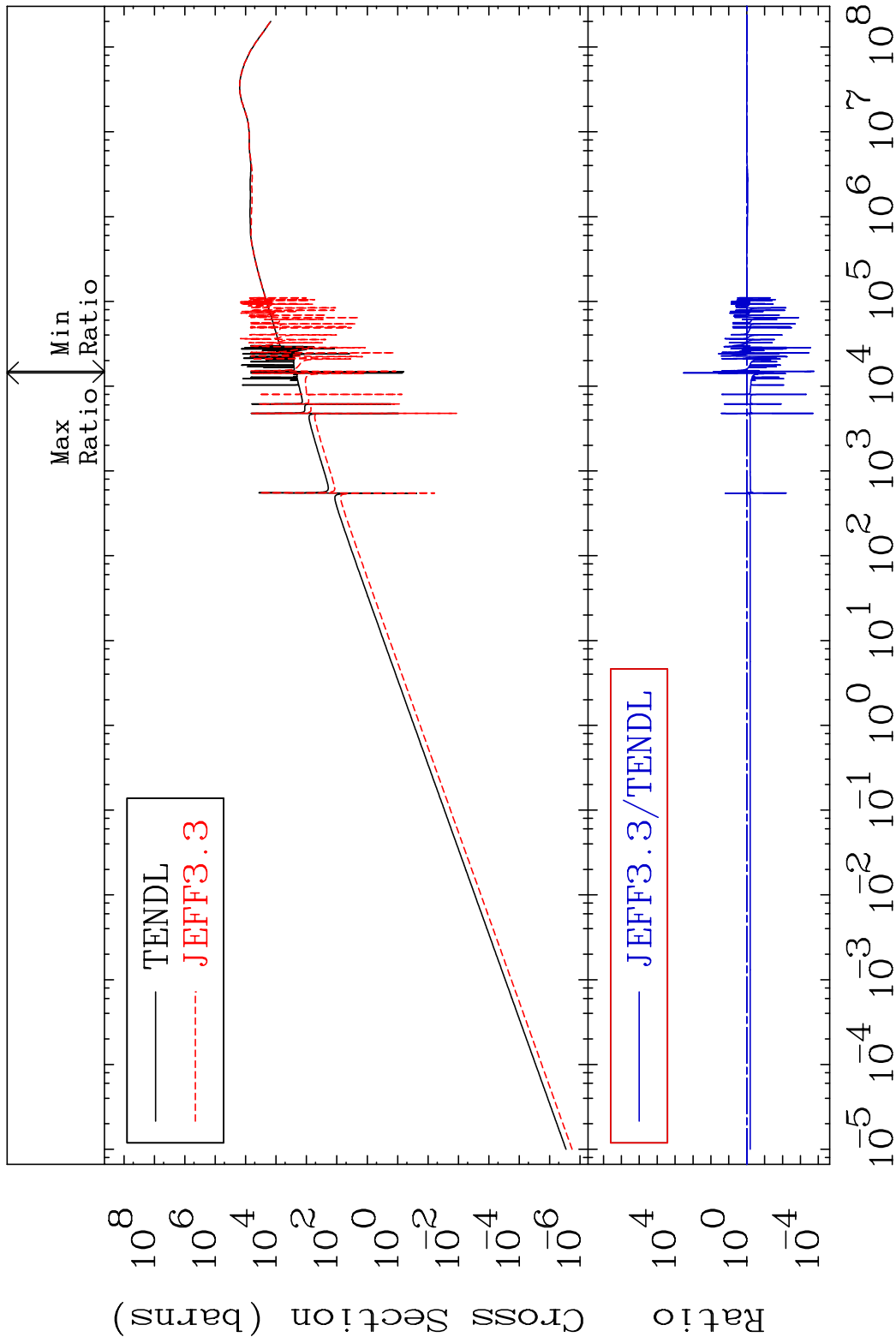


65 Incident Energy (eV) 32-Ge-76

MAT 3243

Kerma elastic
Cross Section

32-Ge-76
-99.98 To 9999. %

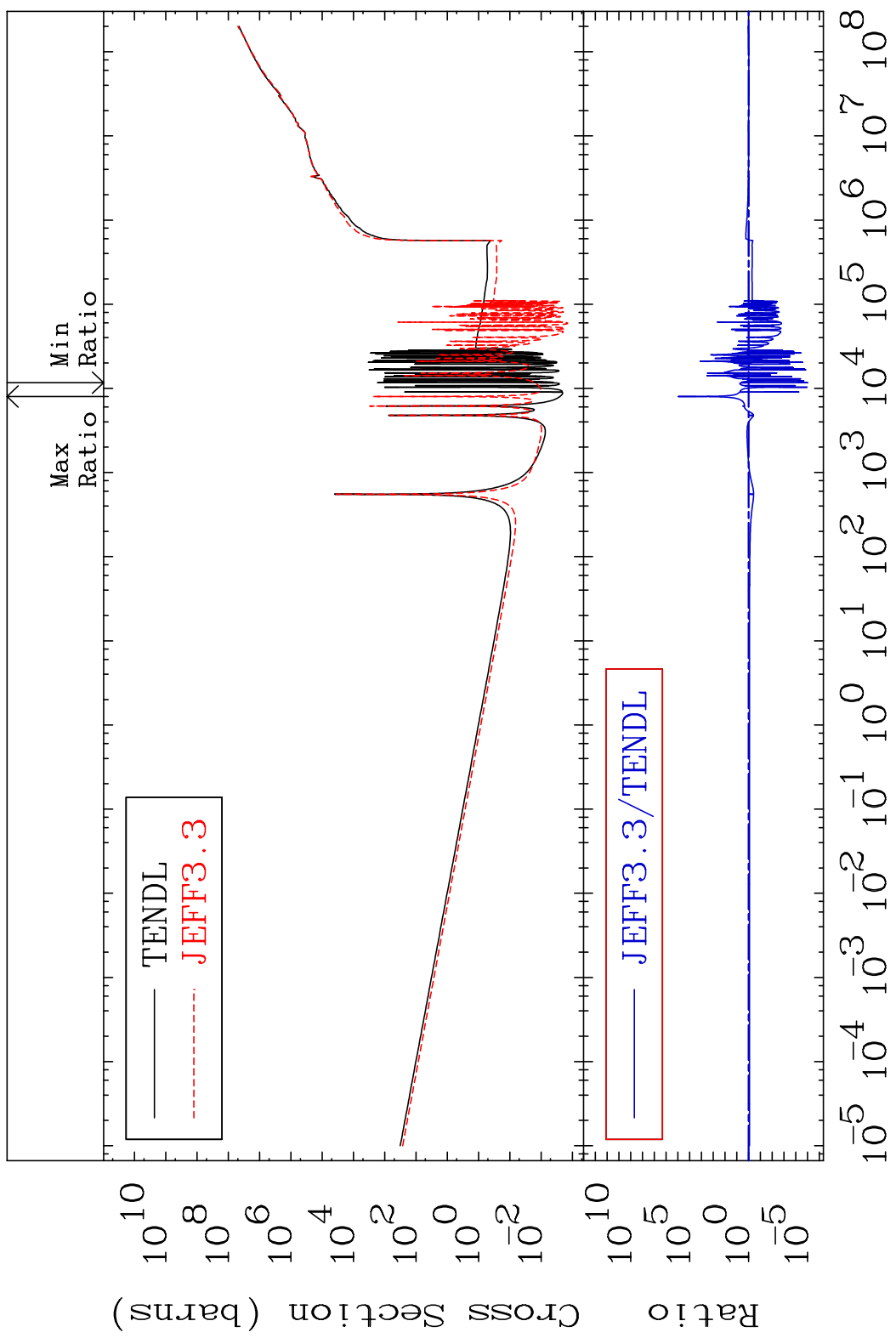


66

Incident Energy (eV)

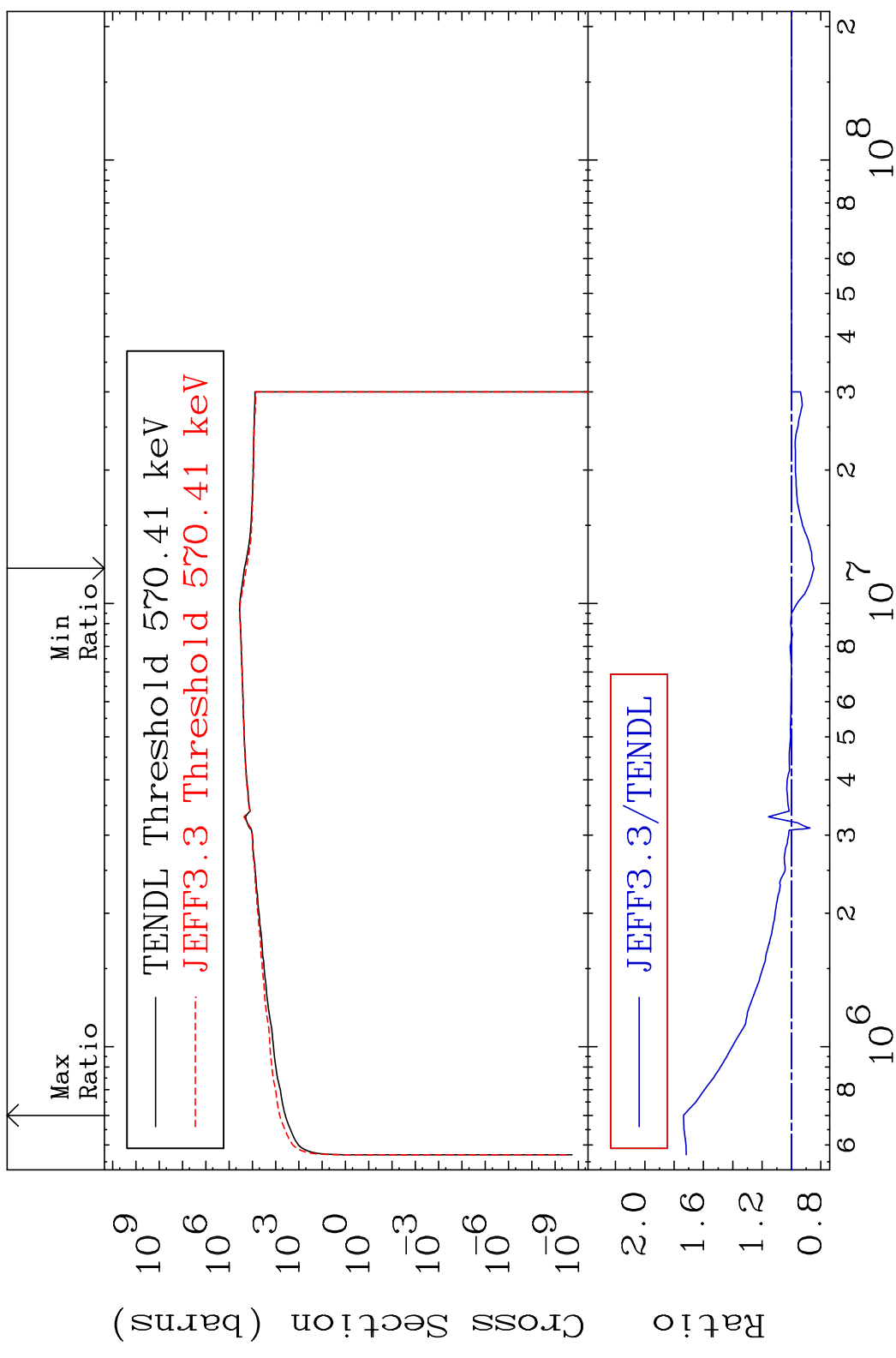
32-Ge-76

MAT 3243 Kerma non-elastic (all but mt2) 32-Ge-76
 Cross Section -100.0 To 9999. %

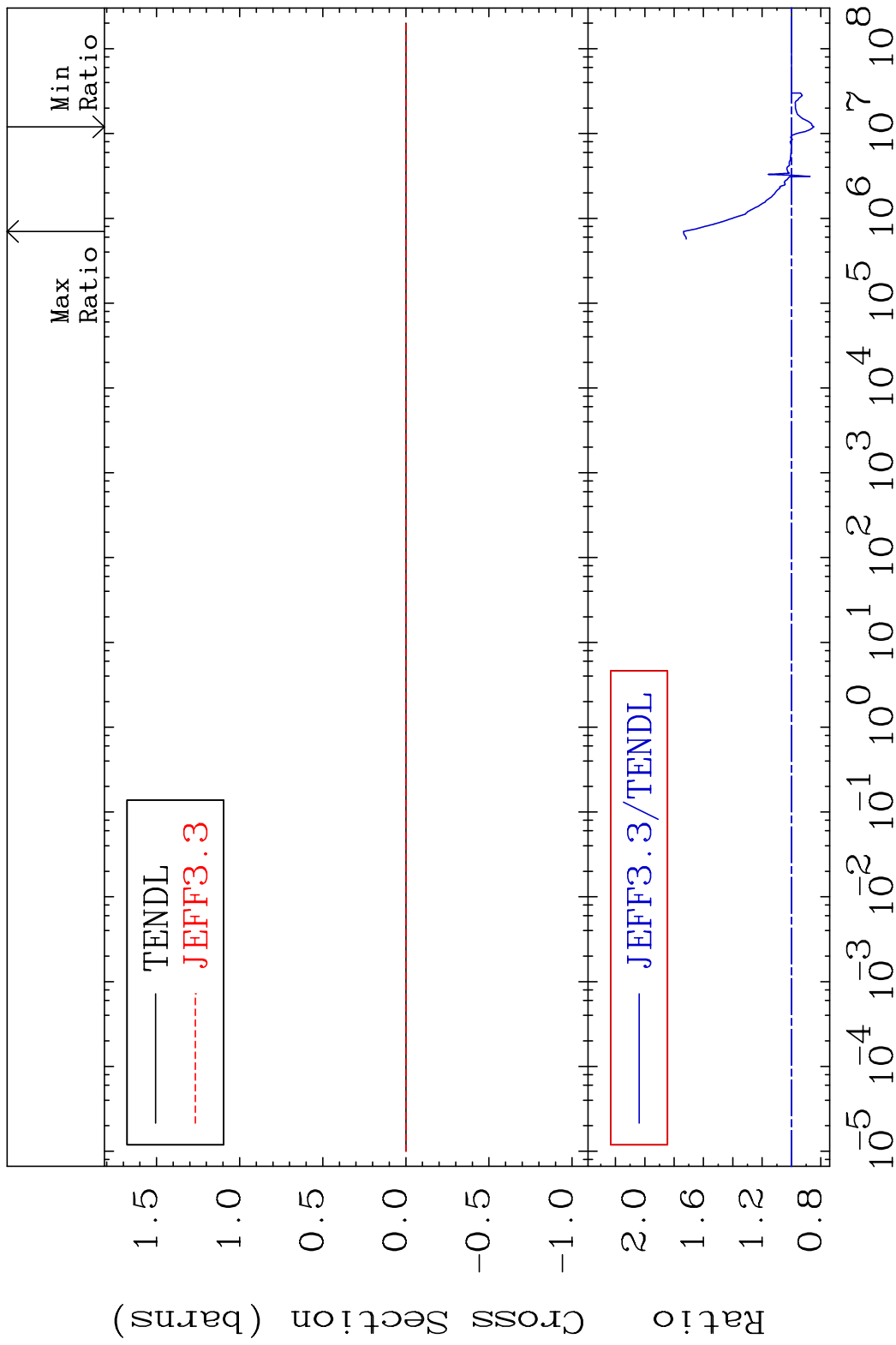


67 Incident Energy (eV) 32-Ge-76

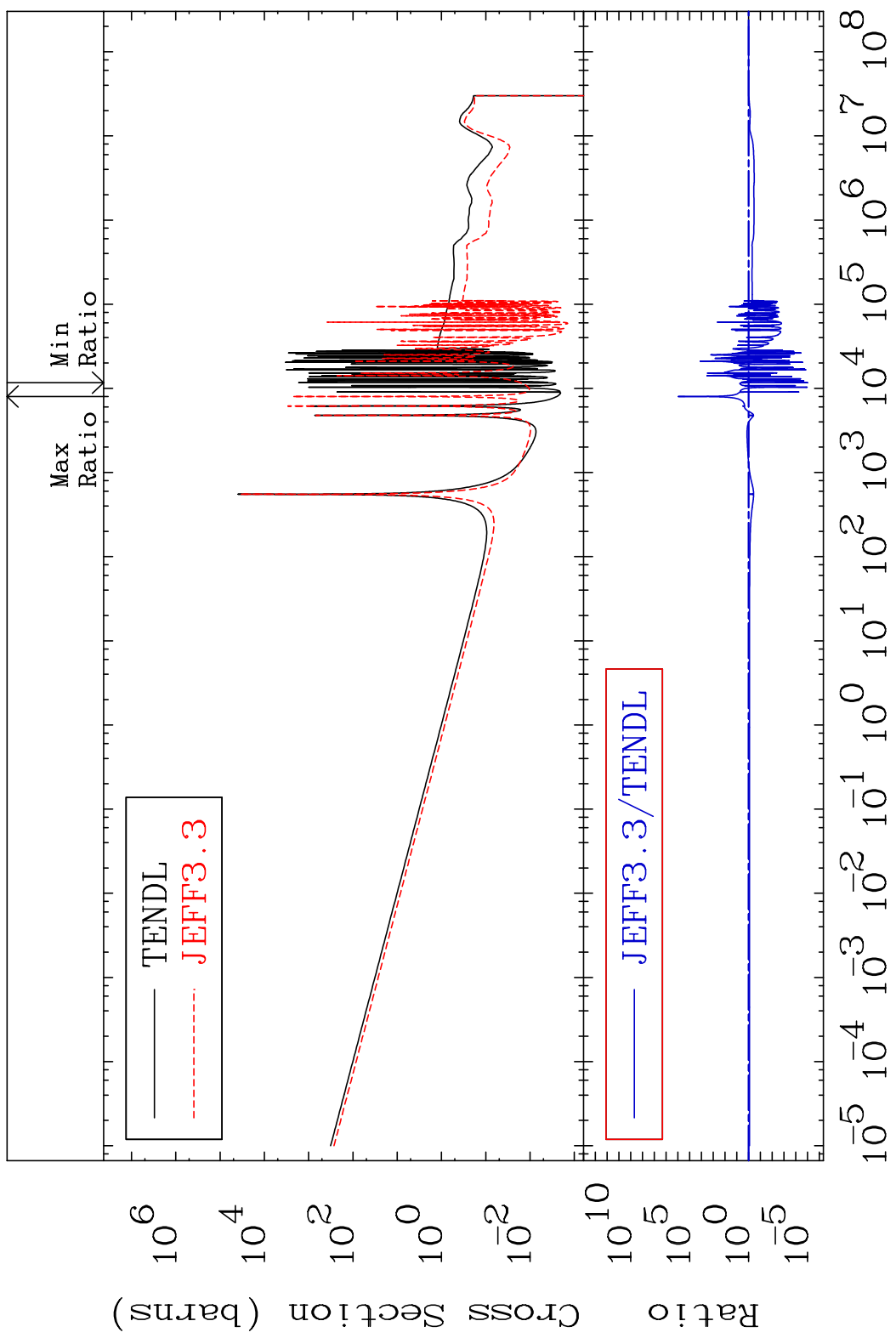
MAT 3243 Kerma inelastic (mt51-91) 32-Ge-76
 Cross Section -15.27 To 73.63 %



MAT 3243 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-76
 Cross Section -15.27 To 73.63 %

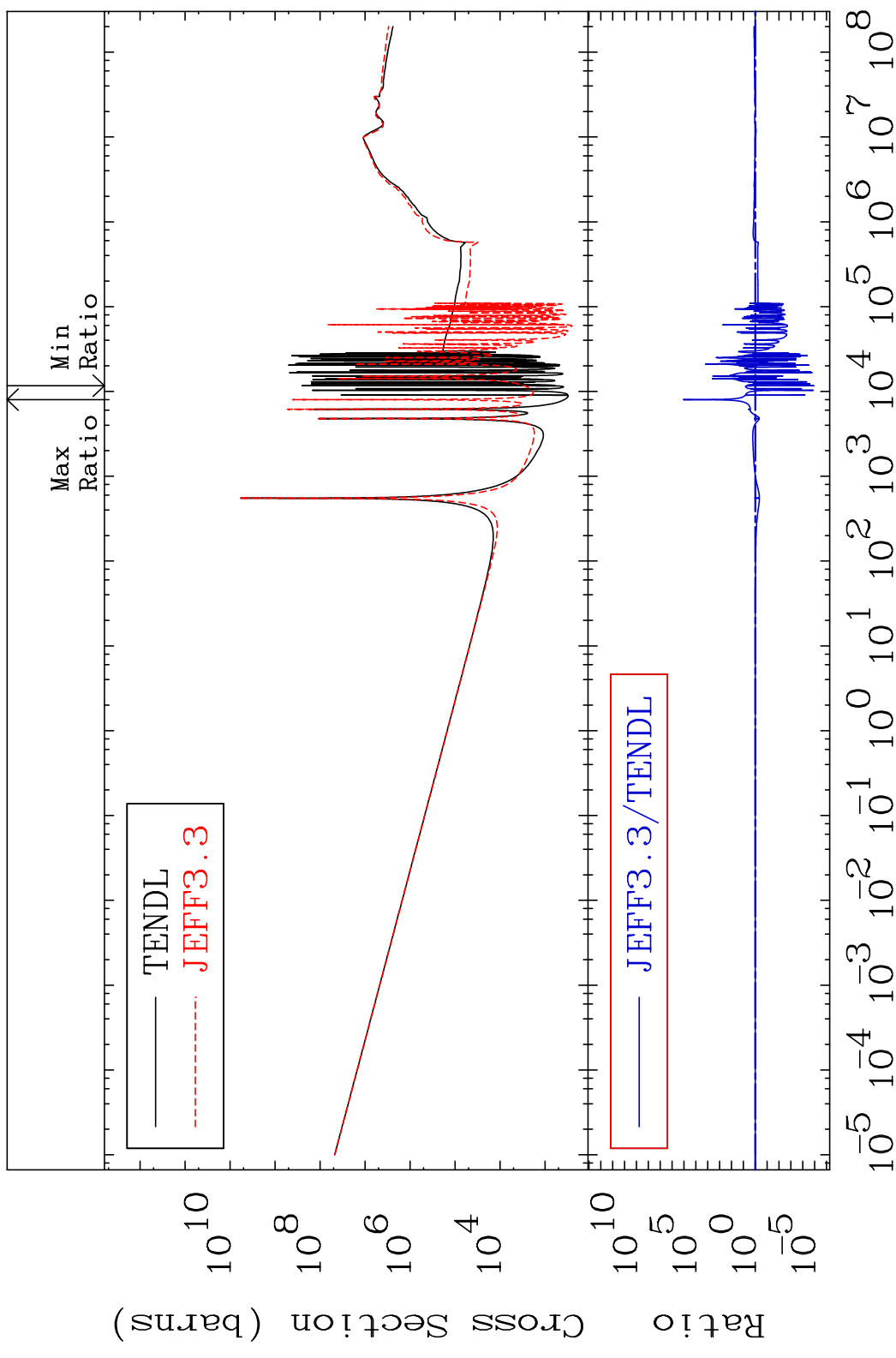


MAT 3243 Kerma capture (mt102) 32-Ge-76
 Cross Section -100.0 To 9999. %

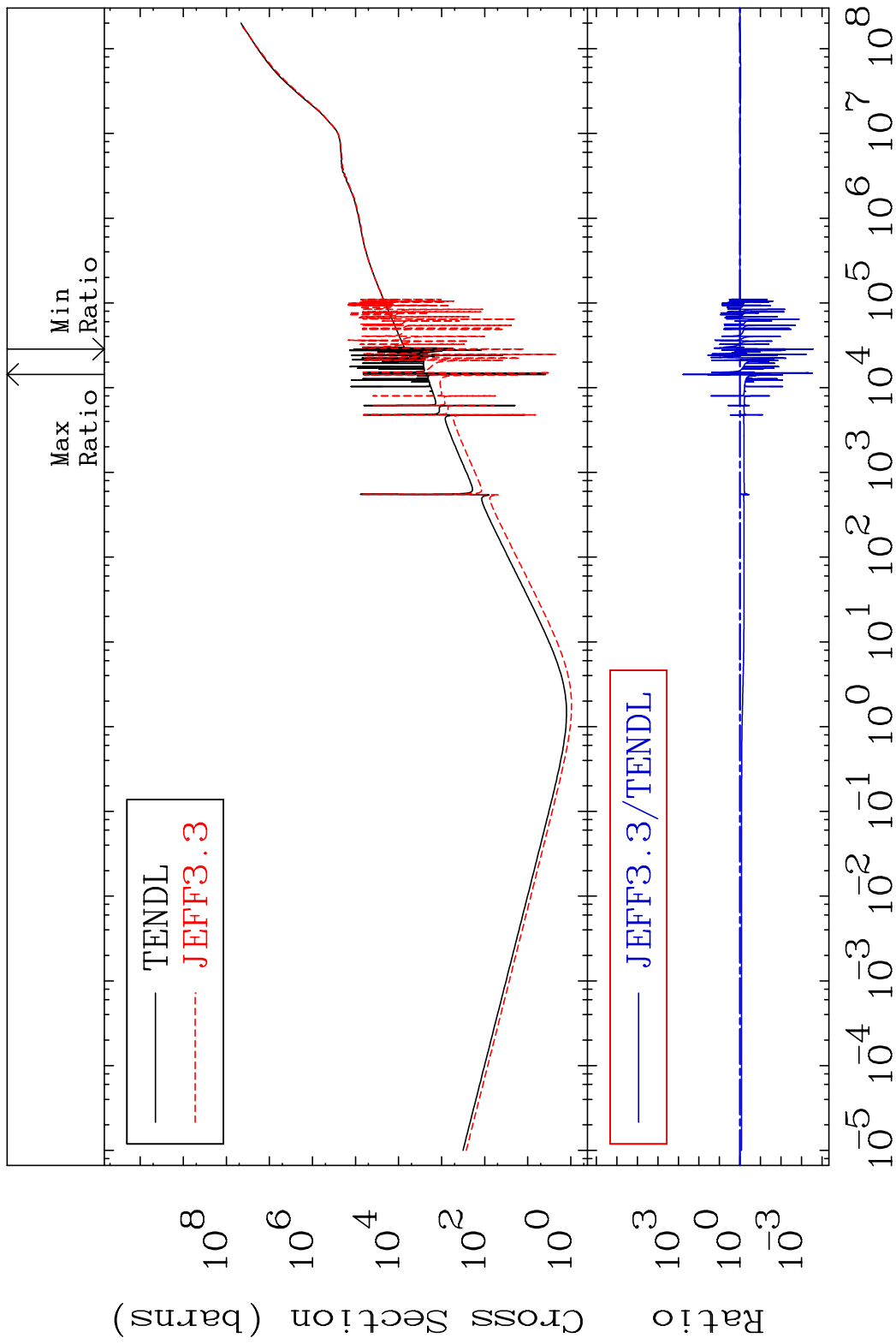


70 Incident Energy (eV) 32-Ge-76

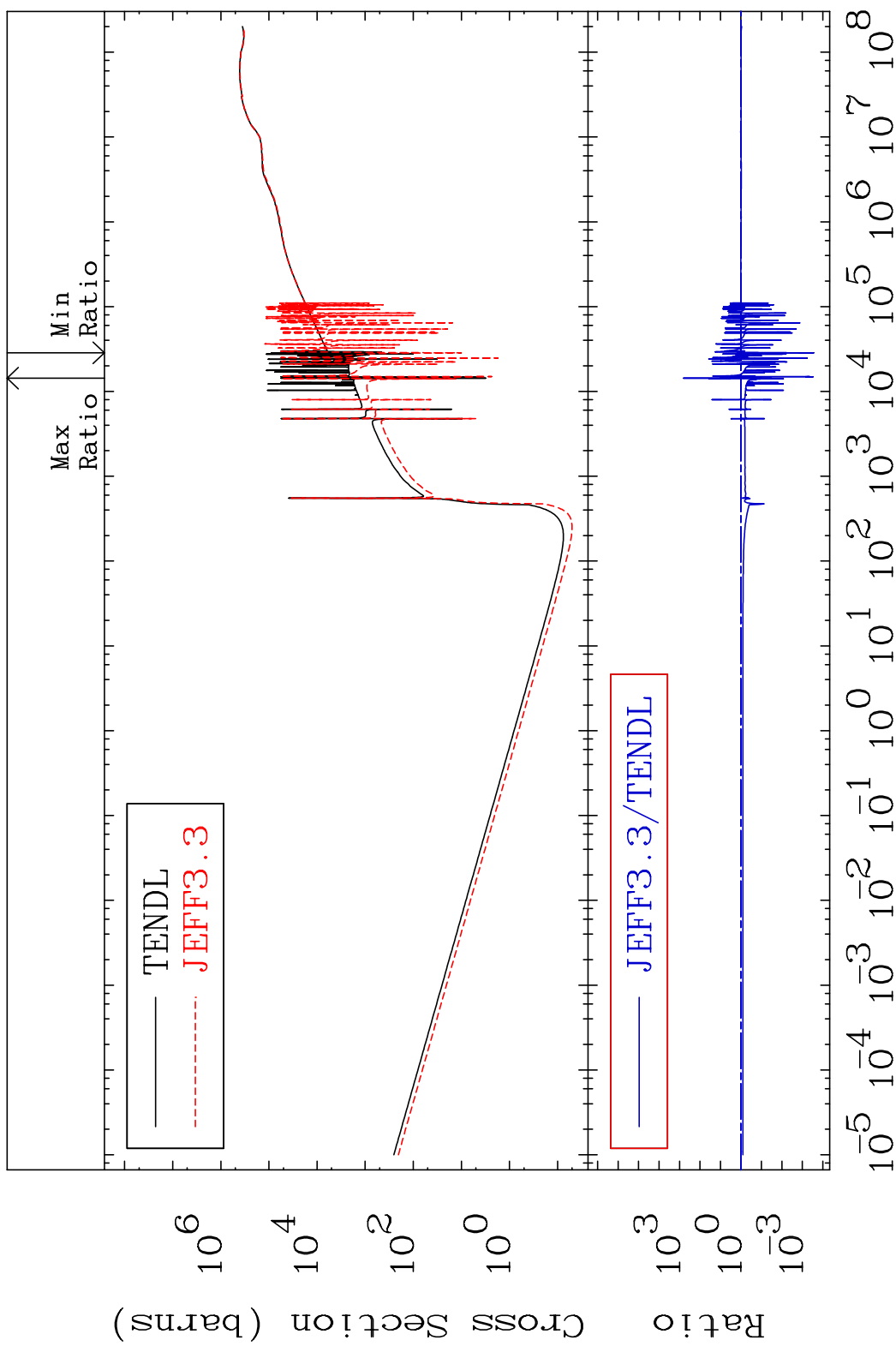
MAT 3243 Total photon (eV-barns) 32-Ge-76
 Cross Section -100.0 To 9999. %



MAT 3243 Total kinematic kerma (high limit) 32-Ge-76
 Cross Section -99.97 To 9999. %



MAT 3243 Dpa total (eV-barns) 32-Ge-76
 Cross Section -99.97 To 9999. %



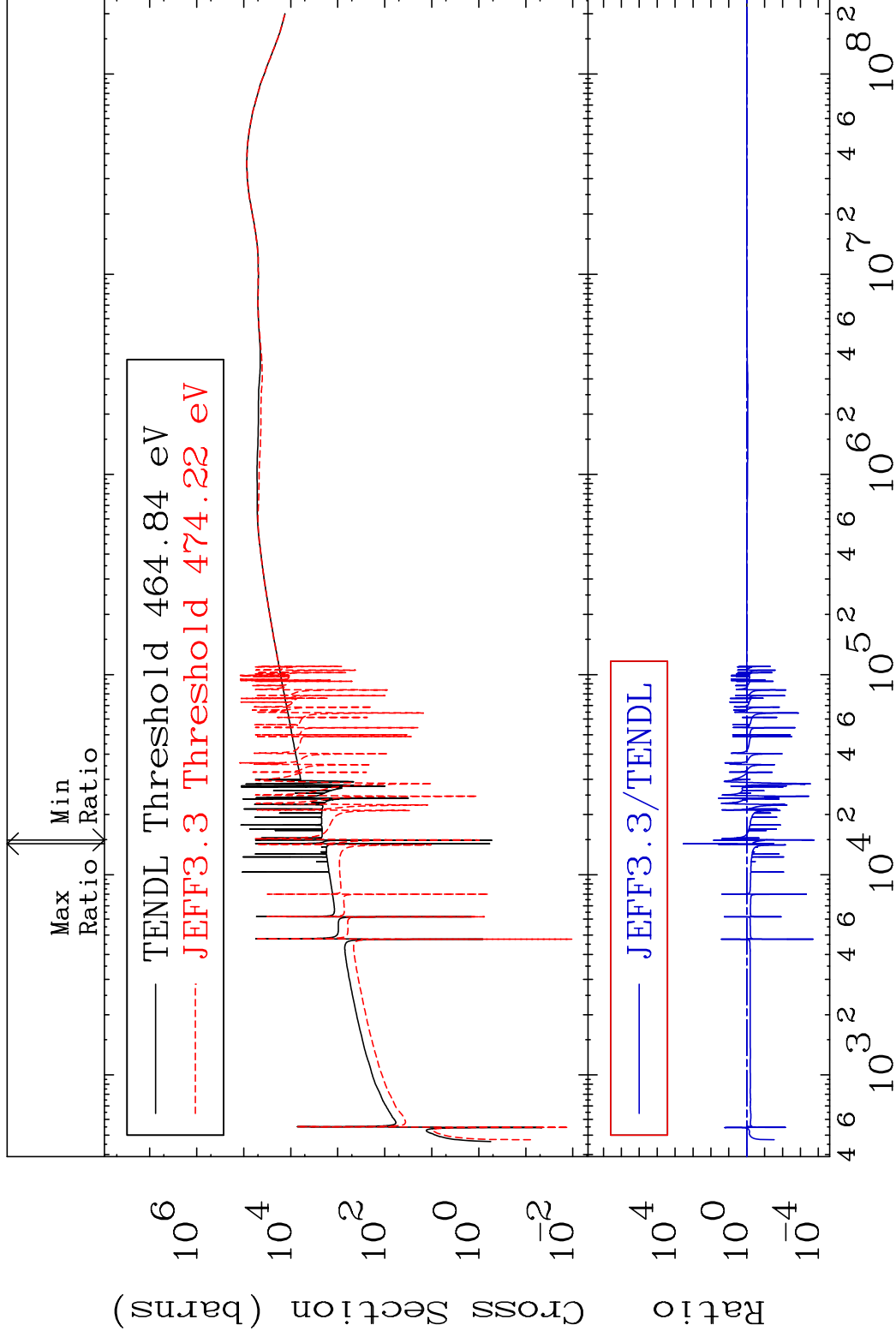
73 Incident Energy (eV) 32-Ge-76

MAT 3243

Dpa elastic (mt2)

32-Ge-76

Cross Section -99.98 To 9999. %

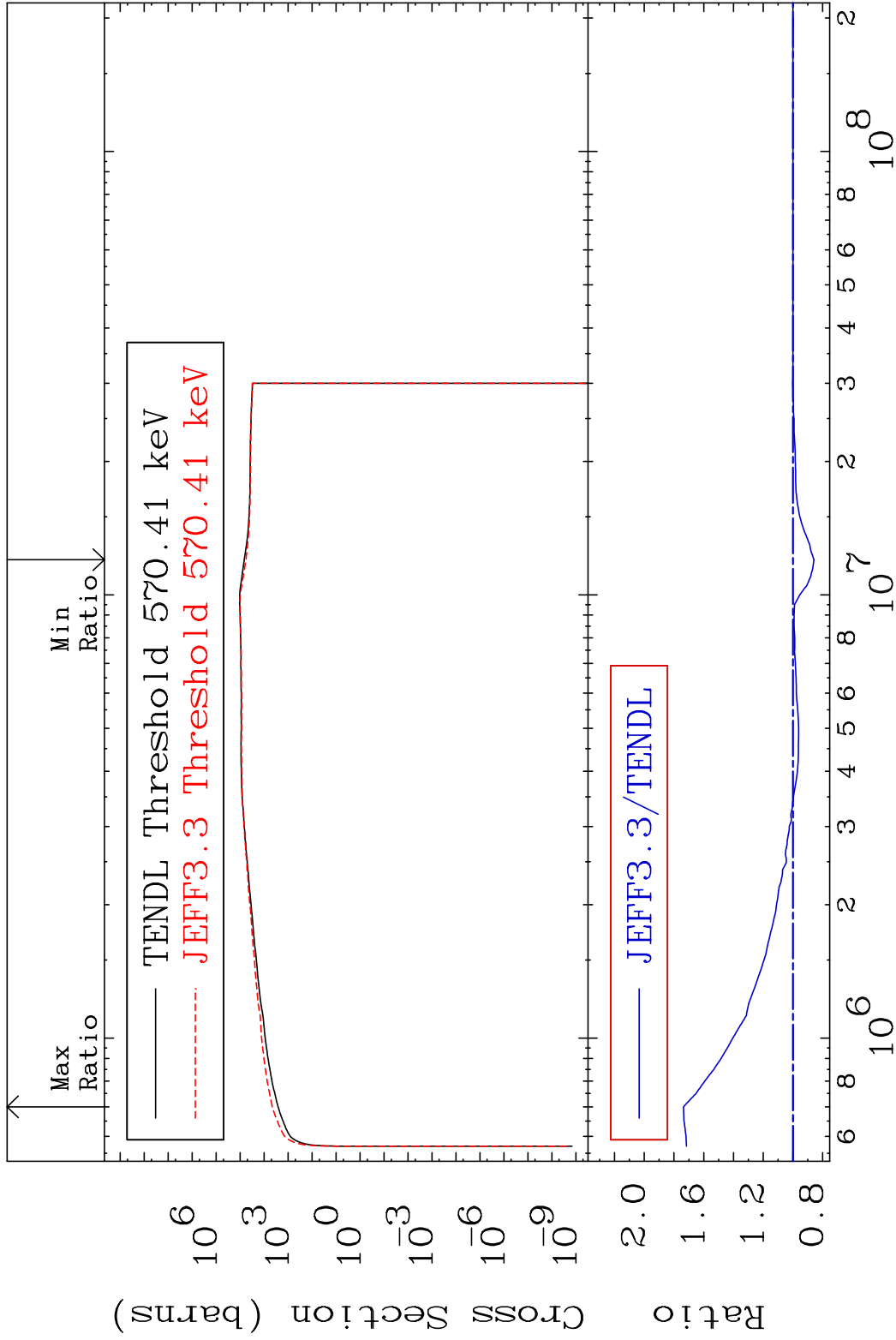


74

Incident Energy (eV)

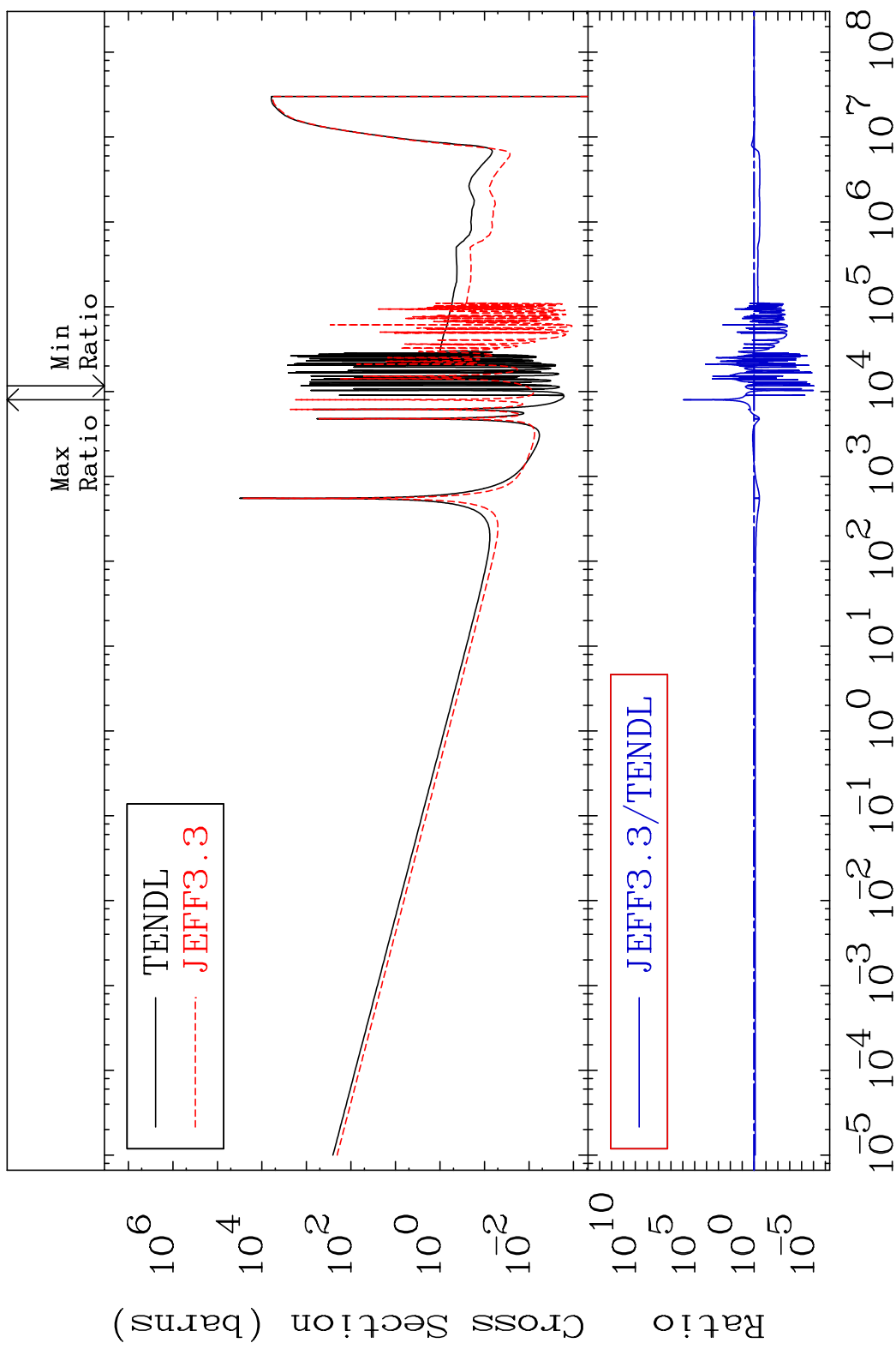
32-Ge-76

MAT 3243 Dpa inelastic (mt51-91) 32-Ge-76
 Cross Section -14.12 To 73.64 %



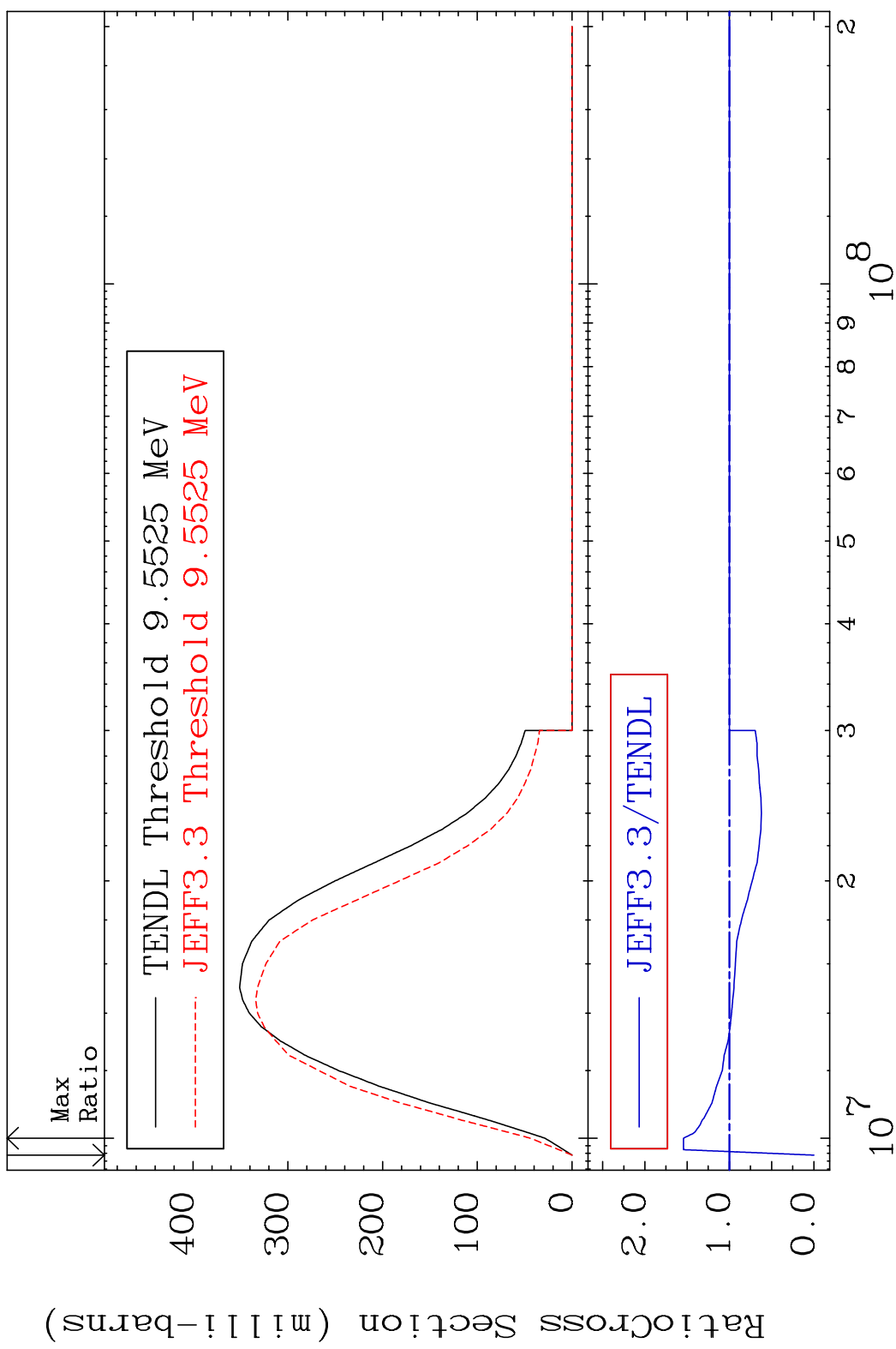
75 Incident Energy (eV) 32-Ge-76

MAT 3243 Dpa disappearance (mt102 -120) 32-Ge-76
 Cross Section -100.0 To 9999. %



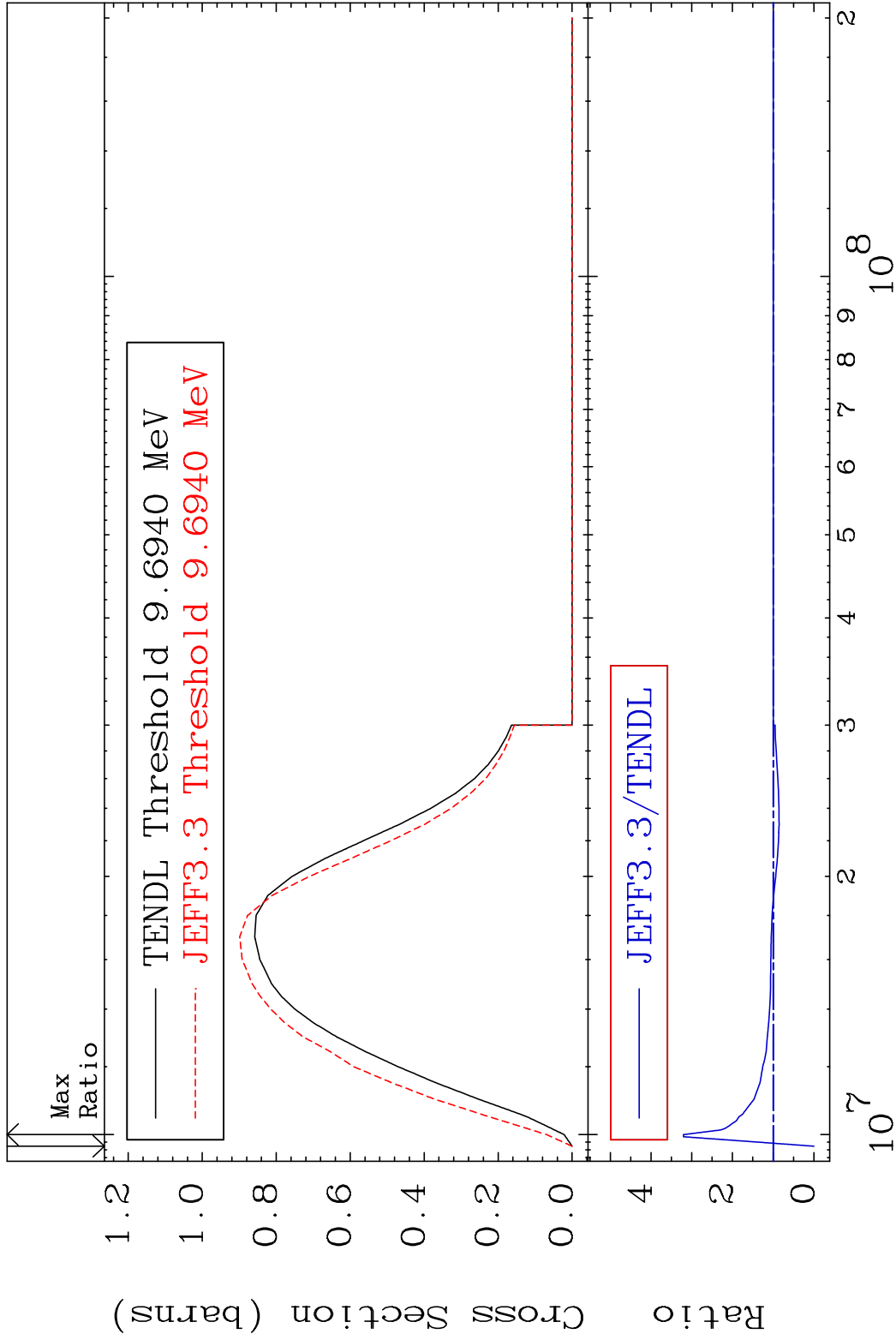
76 Incident Energy (eV) 32-Ge-76

MAT 3243 (n,2n):32-Ge-75g 32-Ge-76
 Radionuclide Production Cross Section 180000 dpo 54.35 %



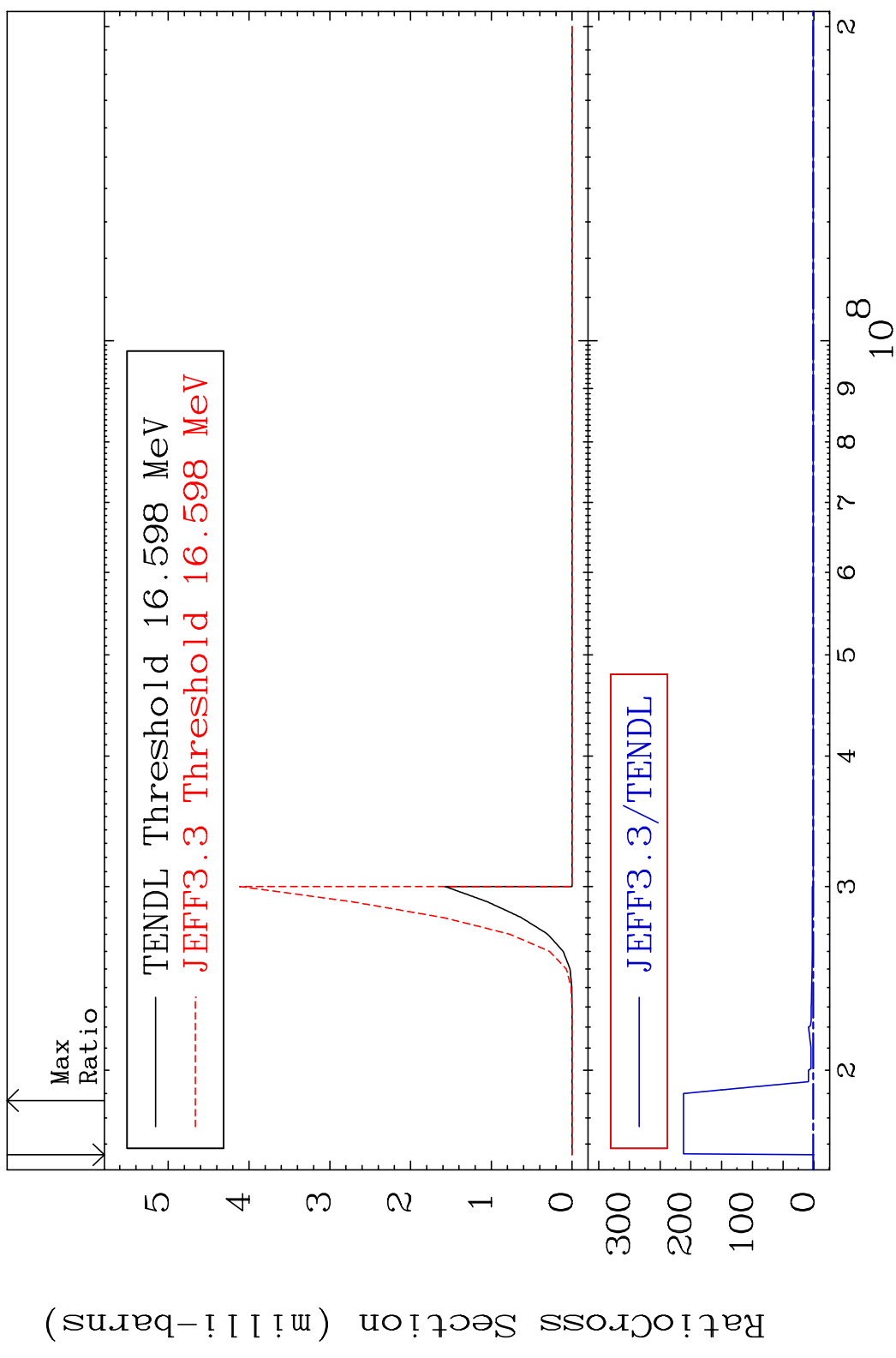
77 Incident Energy (eV) 32-Ge-76

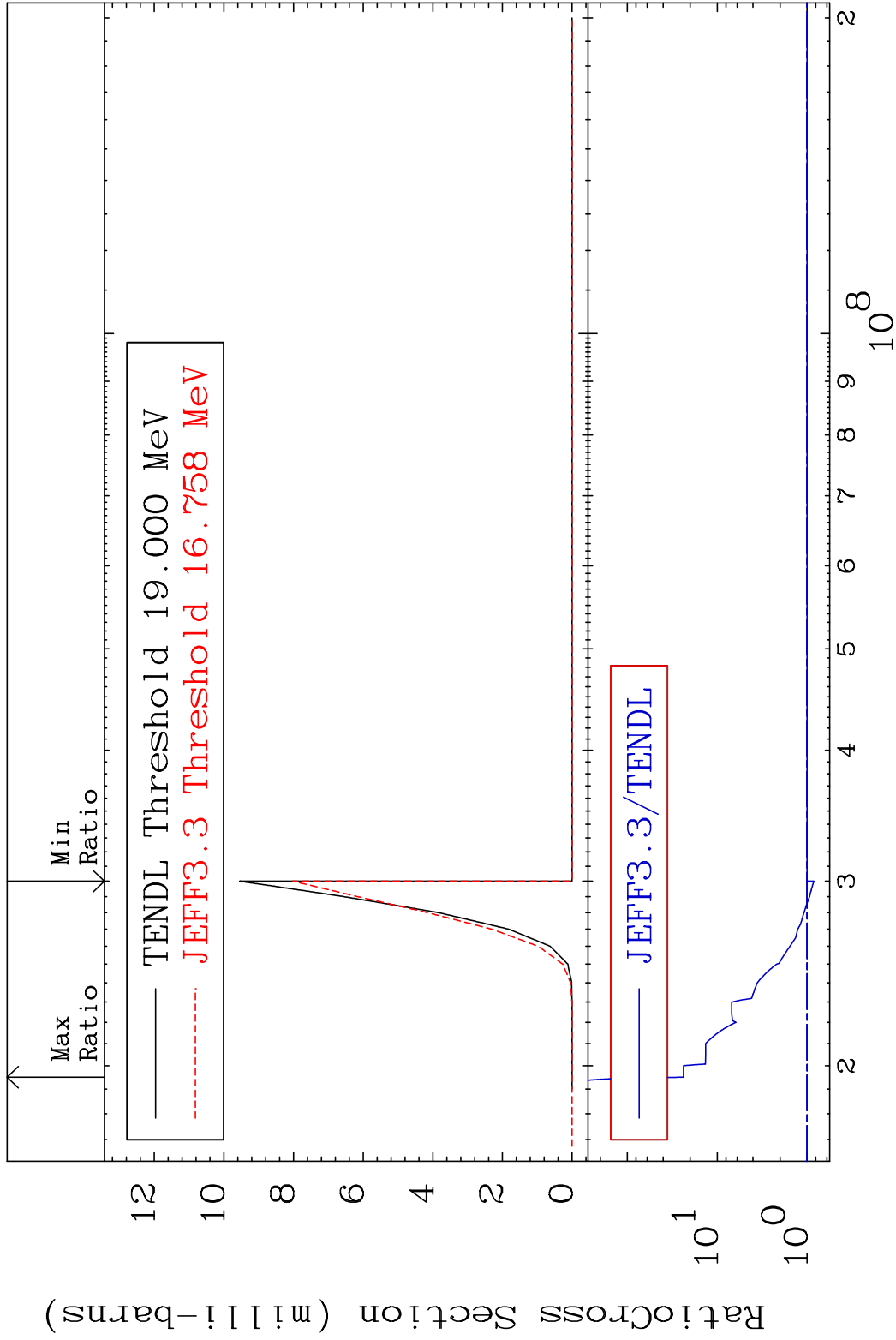
MAT 3243 (n,2n): 32-Ge-75m2 32-Ge-76
 Radionuclide Production Cross Section 1800.0 dth 220.4 %

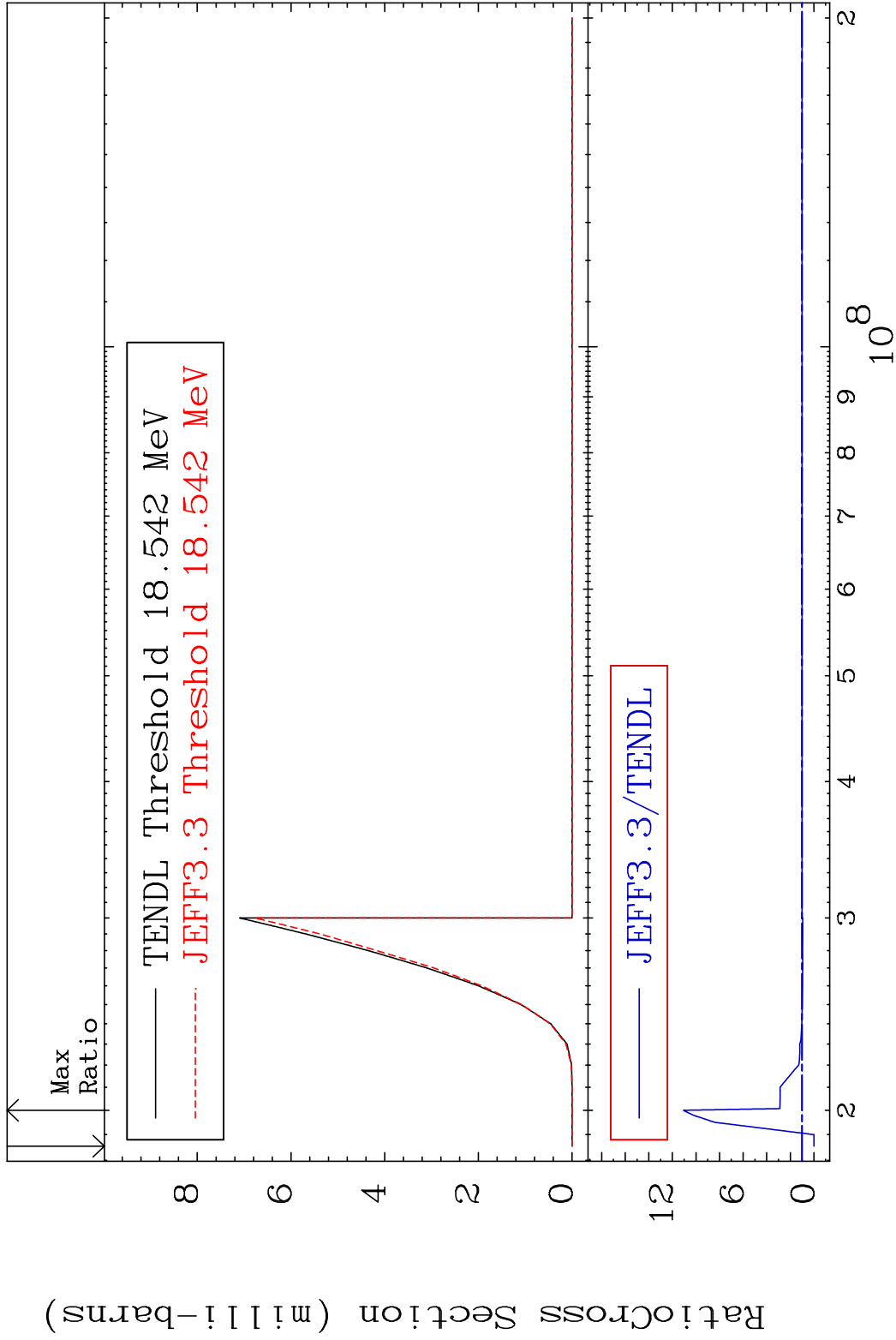


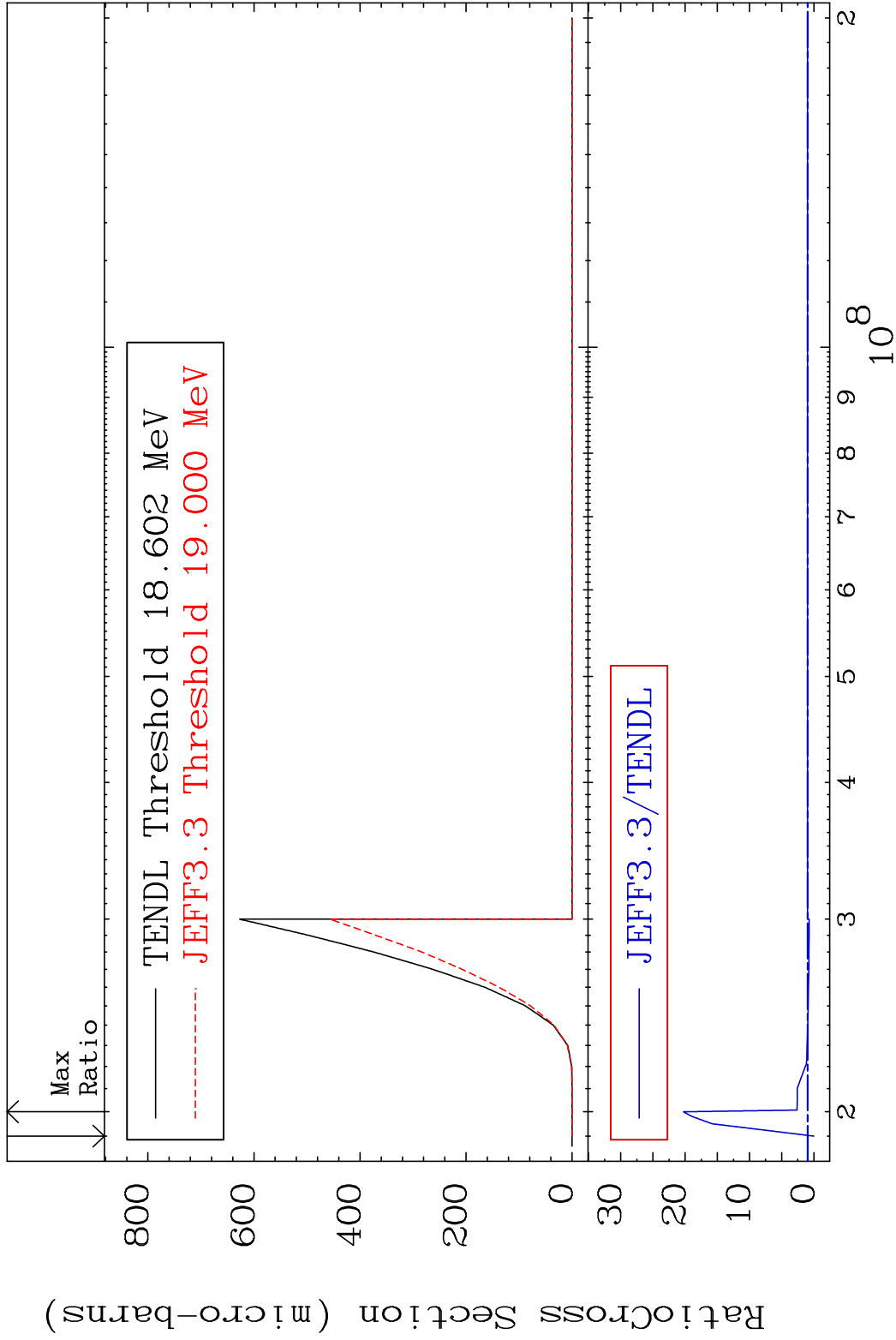
78 Incident Energy (eV) 32-Ge-76

MAT 3243 (n,2n) α :30-Zn-71g 32-Ge-76
 Radionuclide Production Cross Section 10000 dth 9999. %

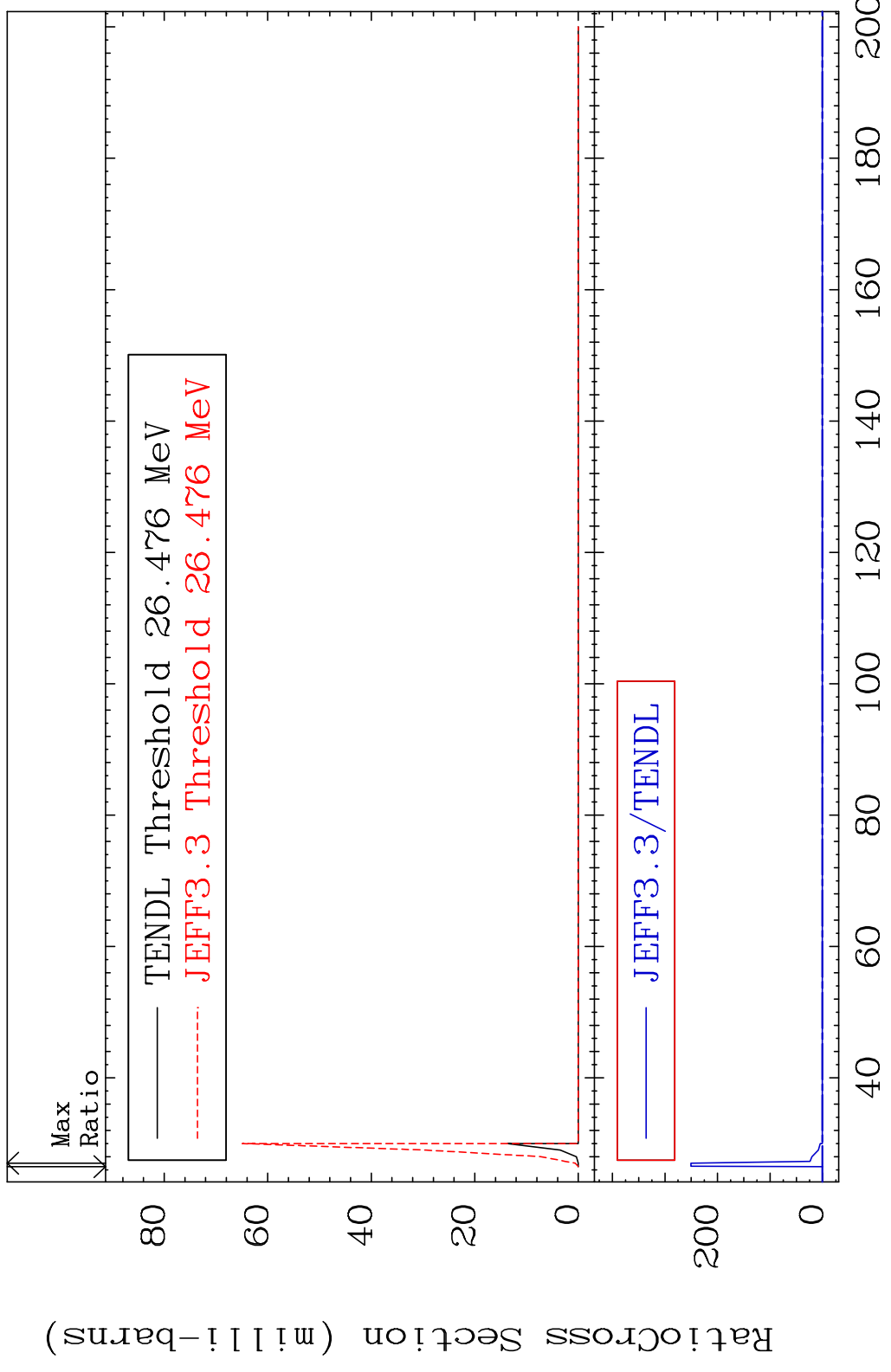




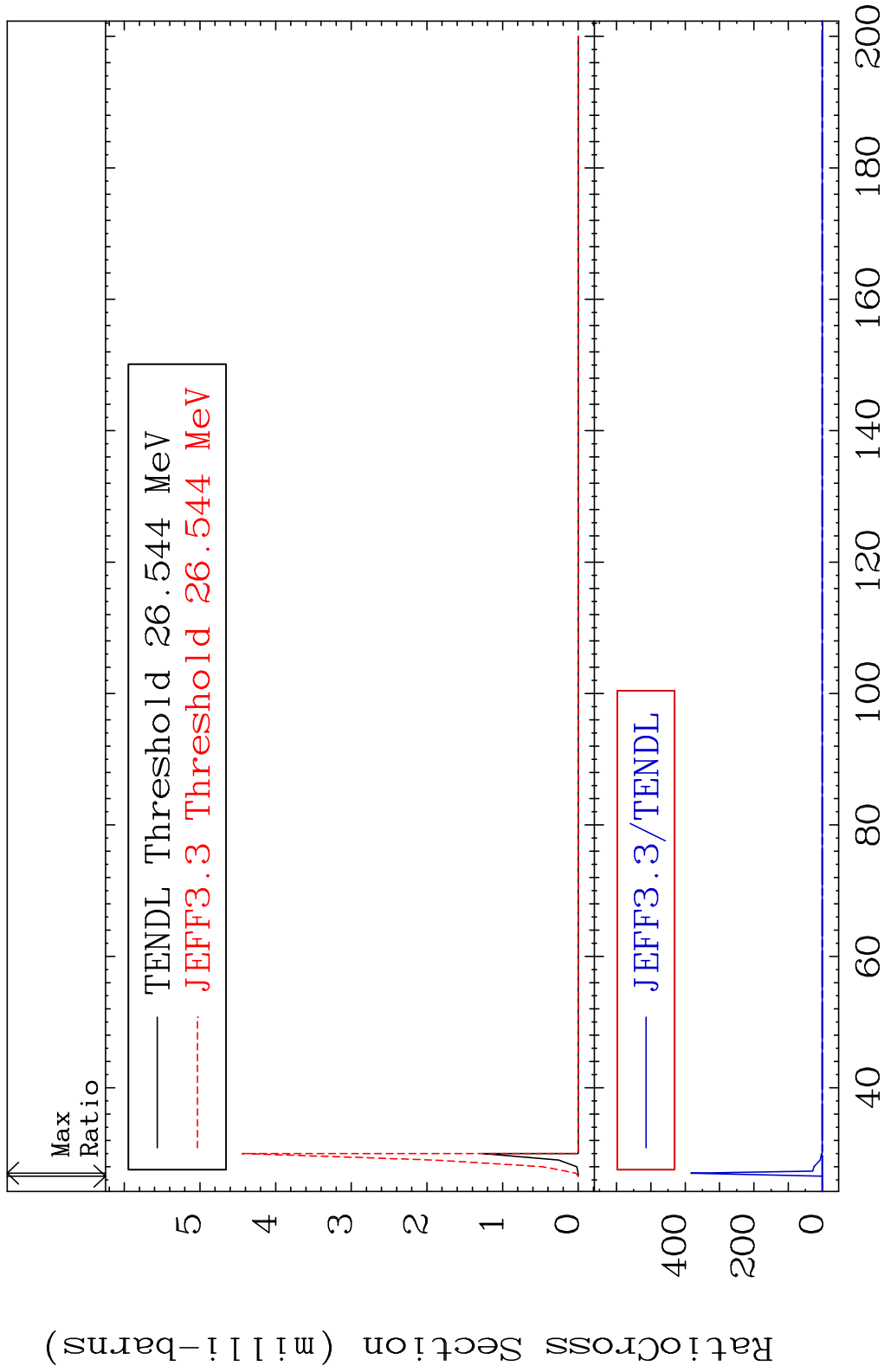




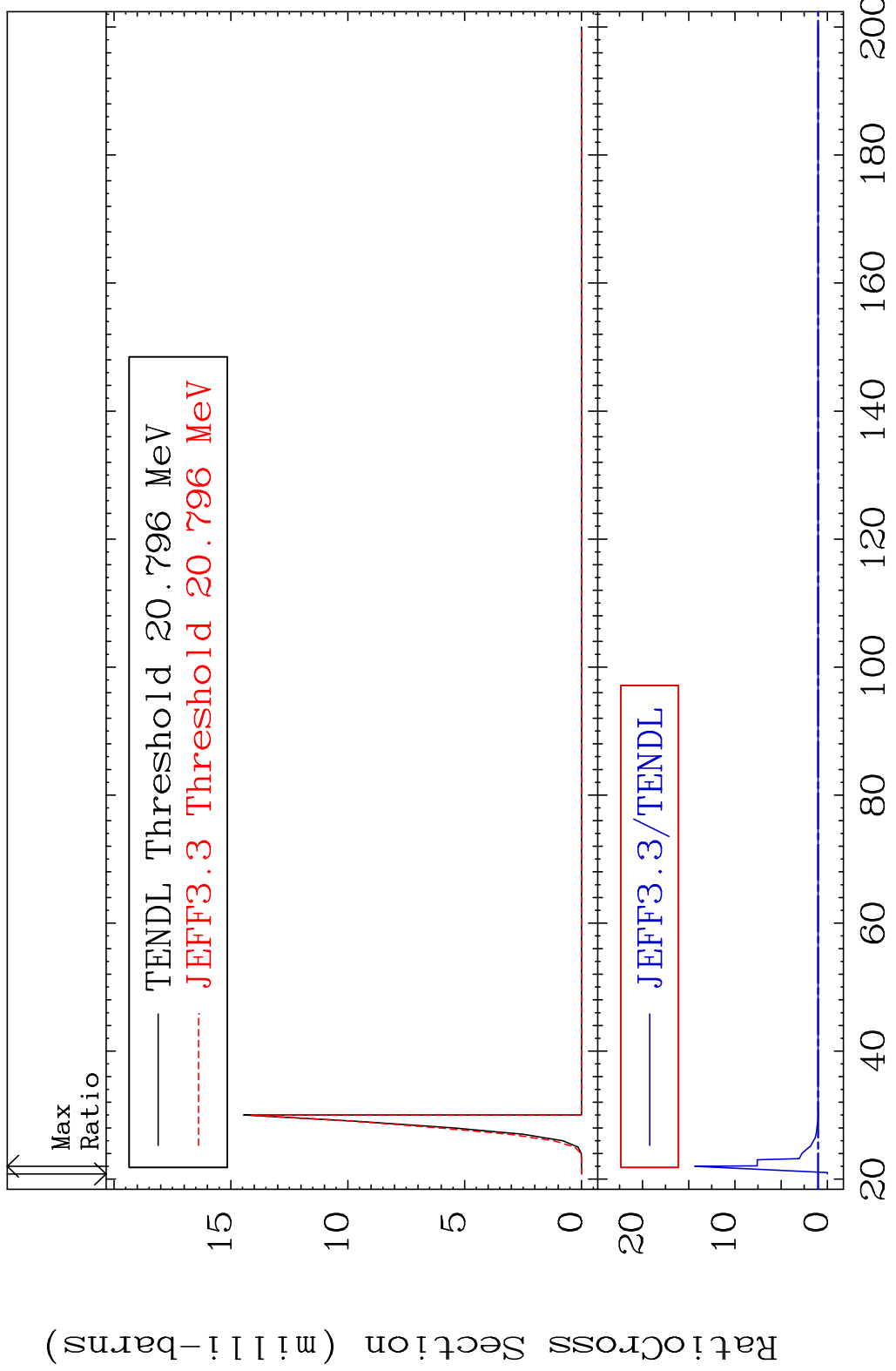
MAT 3243 (n,4n):32-Ge-73g 32-Ge-76
Radionuclide Production Cross Section 180000 dtd 9999. %



MAT 3243 (n, 4n) : 32-Ge-73m2 32-Ge-76
 Radionuclide Production Cross Section 180000 dth 9999. %



MAT 3243 (n,2n) p:31-Ga-74g 32-Ge-76
Radionuclide Production Cross Section 1335. %



85 32-Ge-76

