

Program Complot
(Version 2021-1)

by

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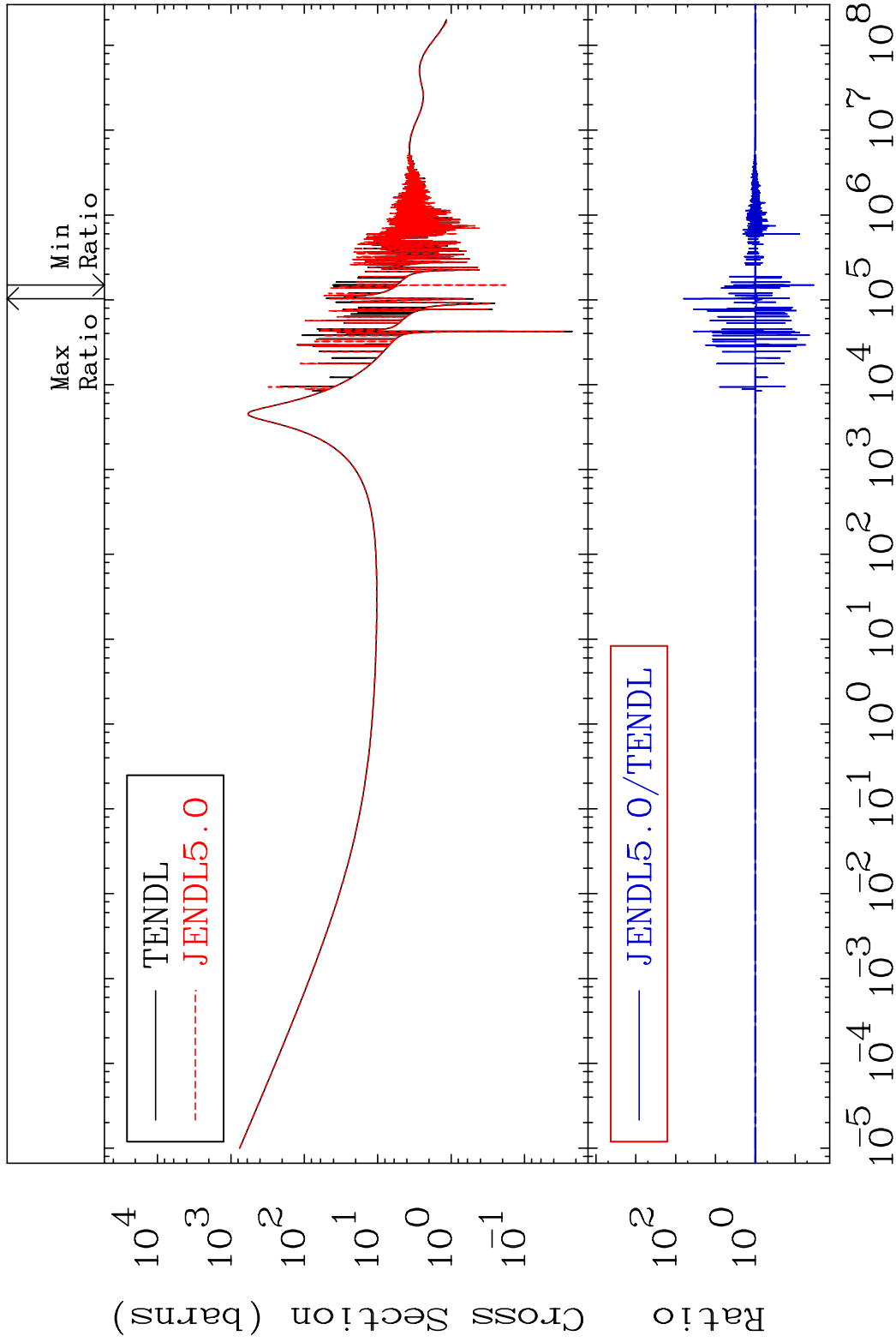
Press Mouse Button to Start

MAT 2837

Total

28-Ni-62

Cross Section -96.62 To 6268. %



1

Incident Energy (eV)

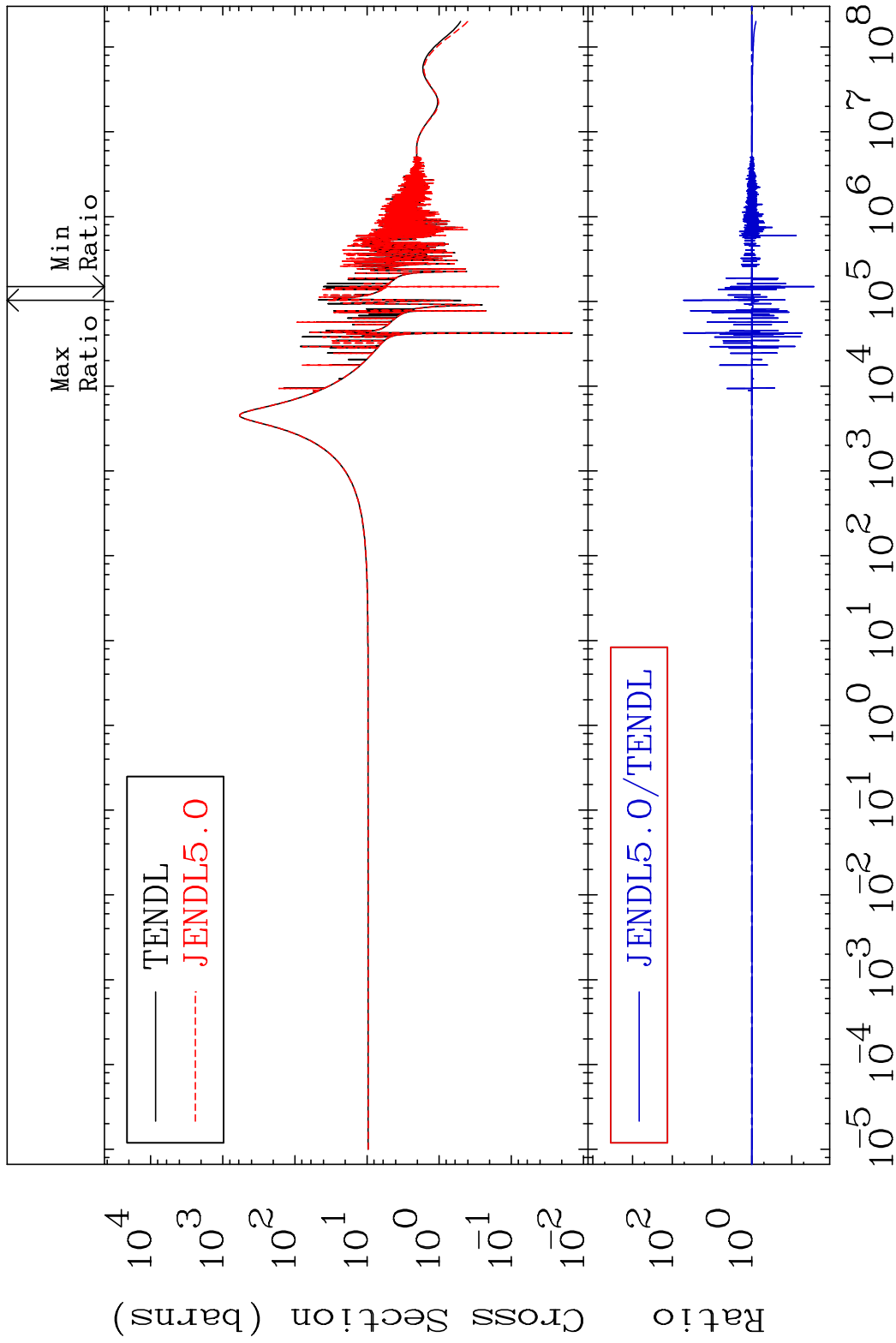
28-Ni-62

MAT 2837

Elastic

28-Ni-62

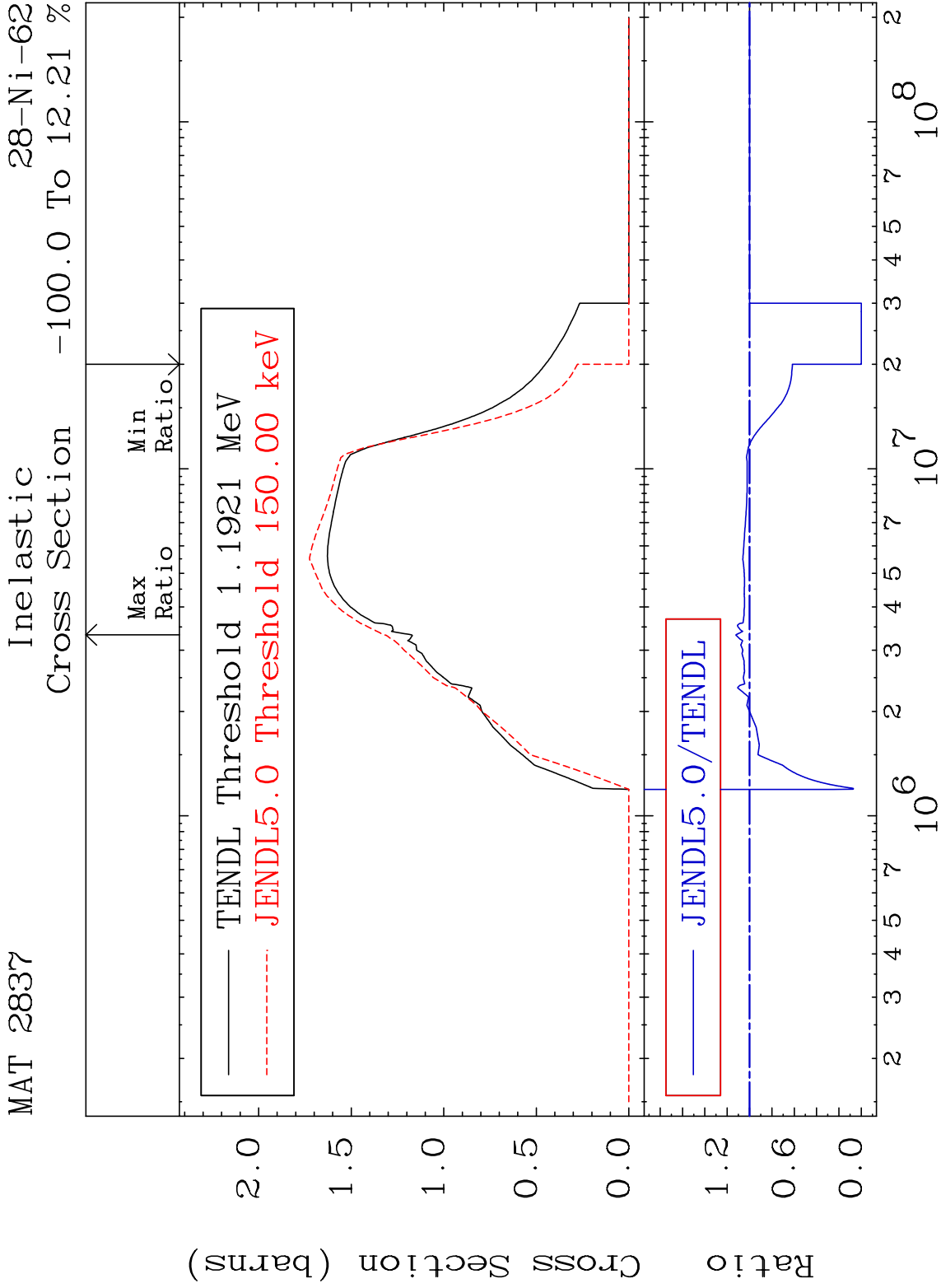
Cross Section -97.23 To 5147. %



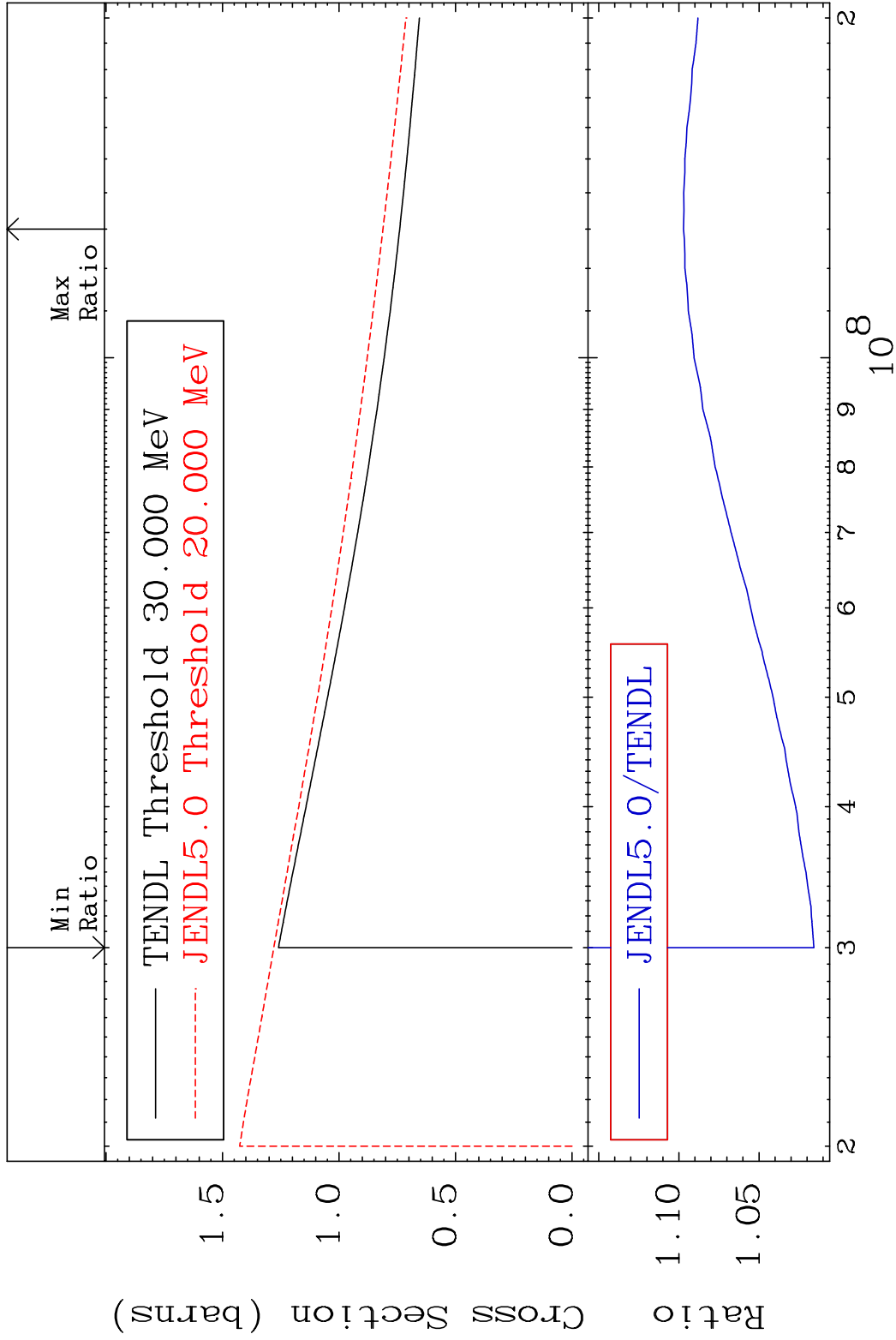
2

Incident Energy (eV)

28-Ni-62

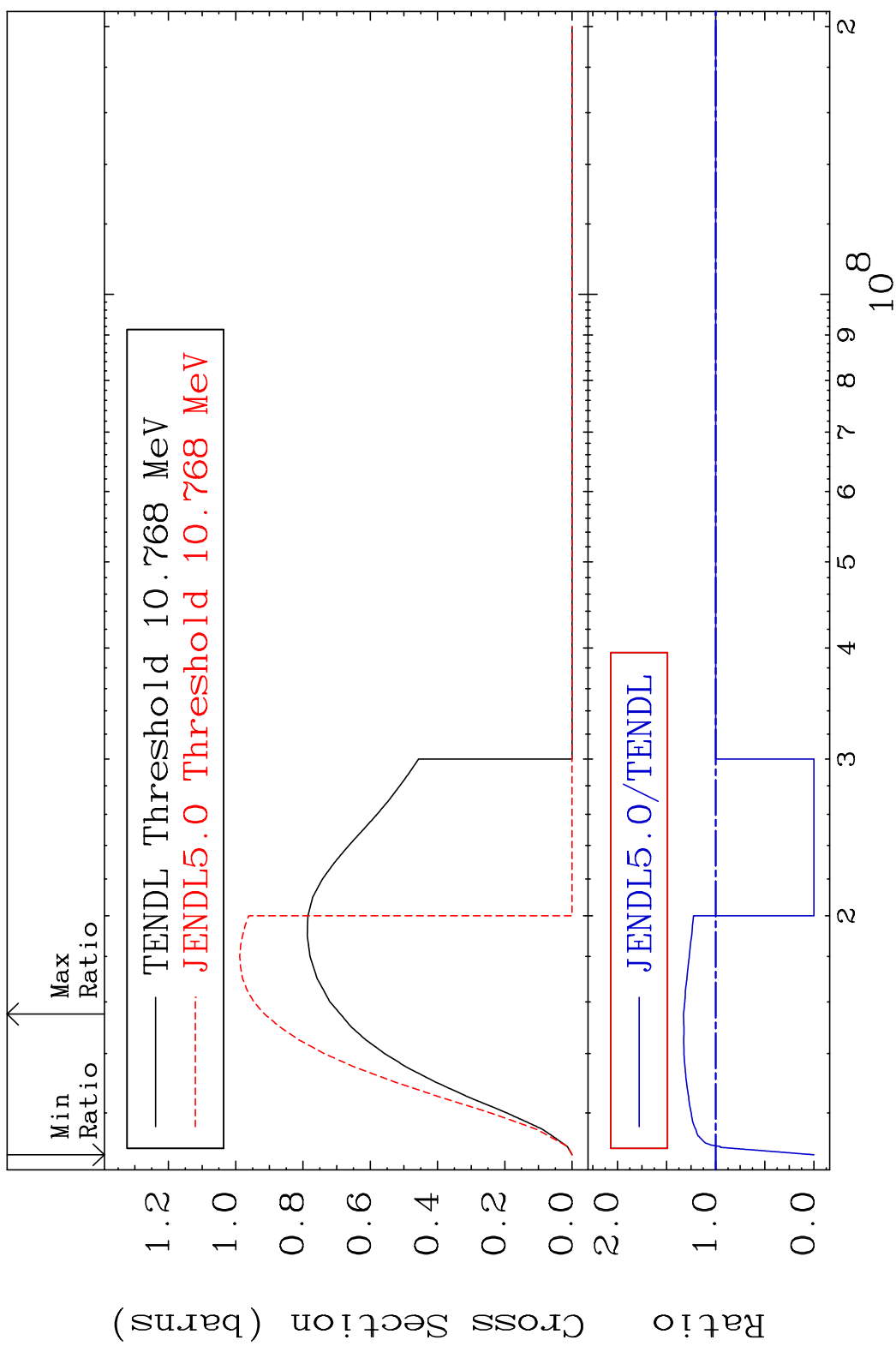


MAT 2837 (n, remainder) 28-Ni-62
 Cross Section 1.576 To 9.715 %

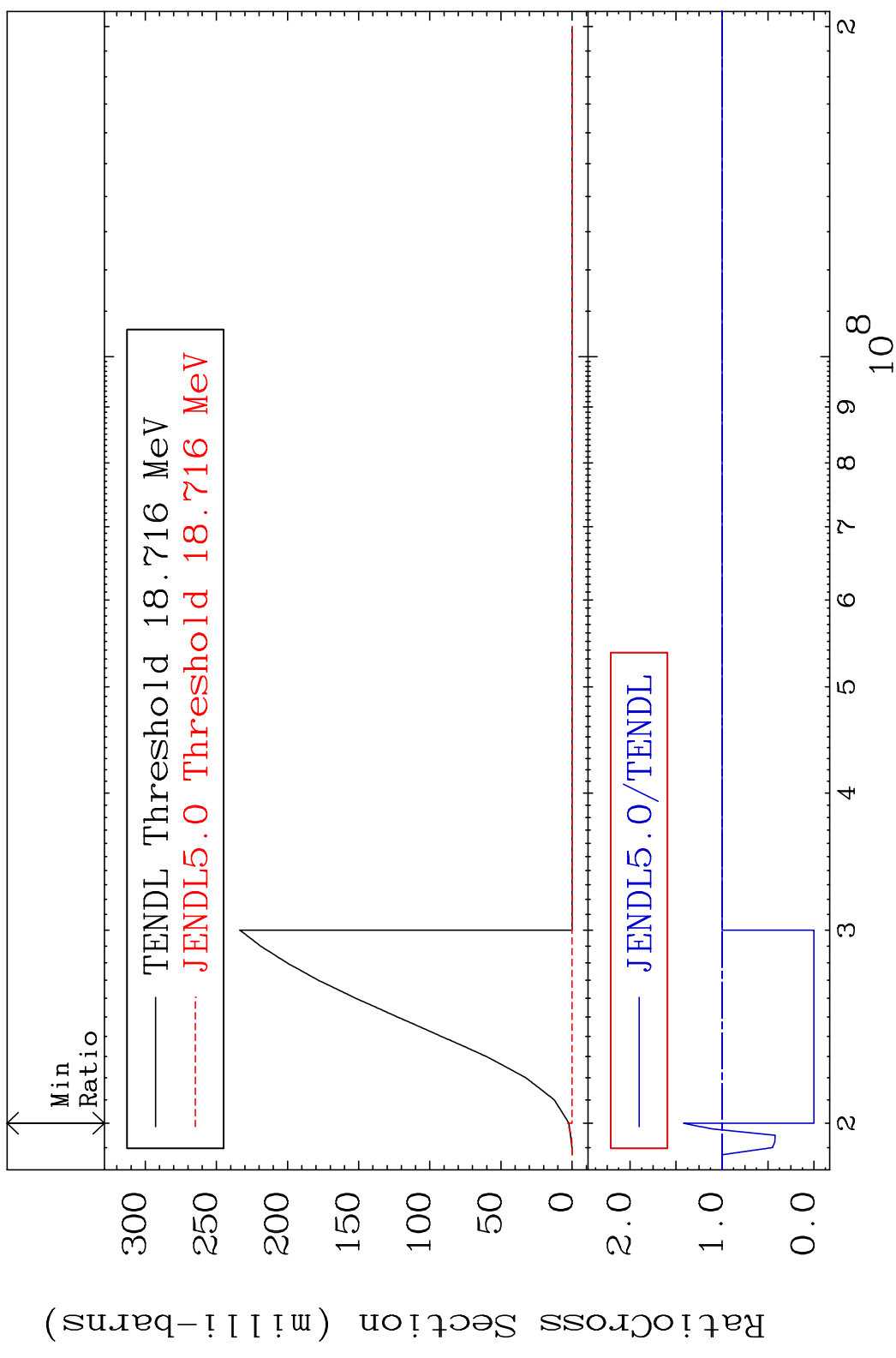


4 Incident Energy (eV) 28-Ni-62

MAT 2837 (n,2n) 28-Ni-62
 Cross Section -100.0 To 32.78 %

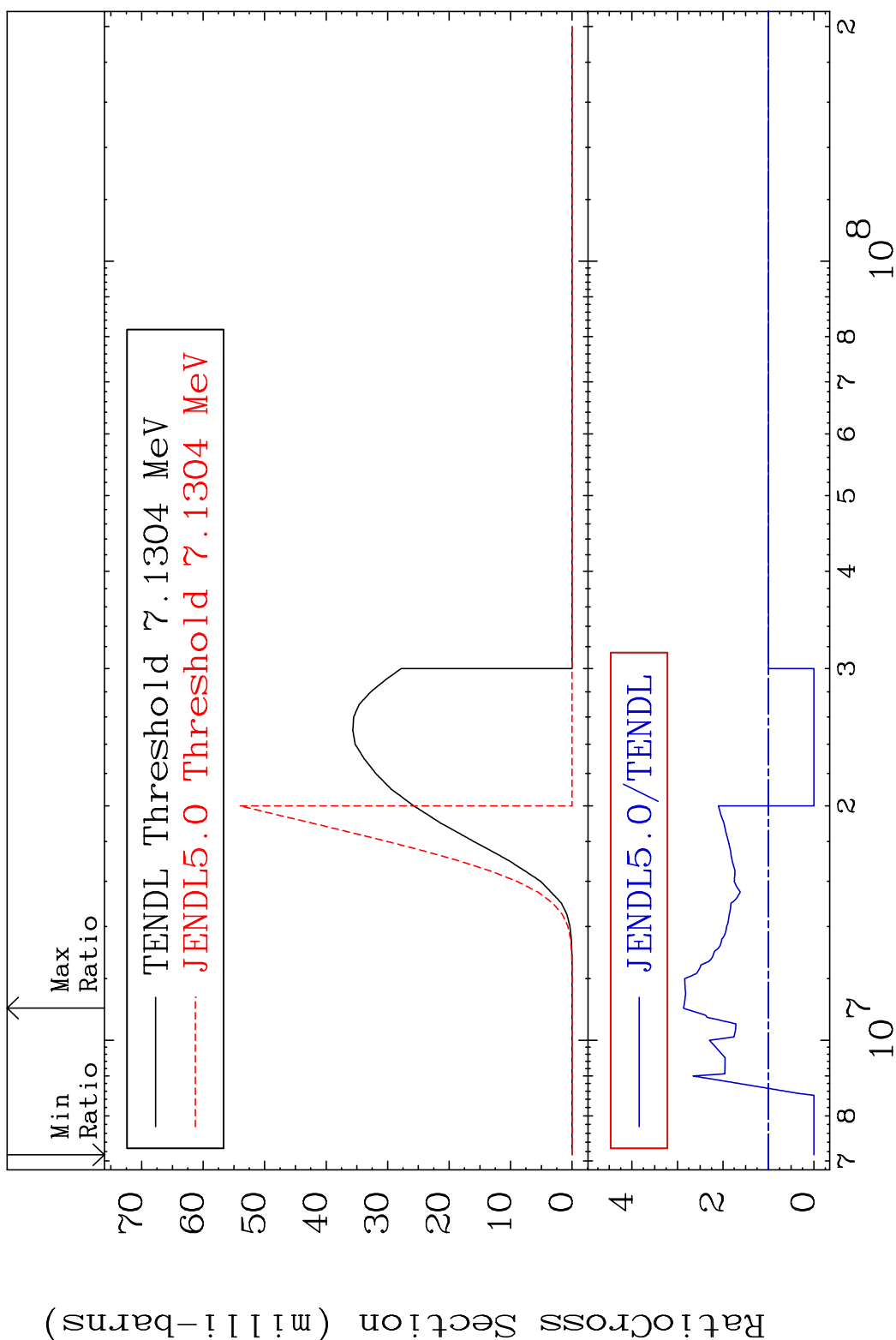


MAT 2837 (n,3n) 28-Ni-62
 Cross Section -100.0 To 41.94 %



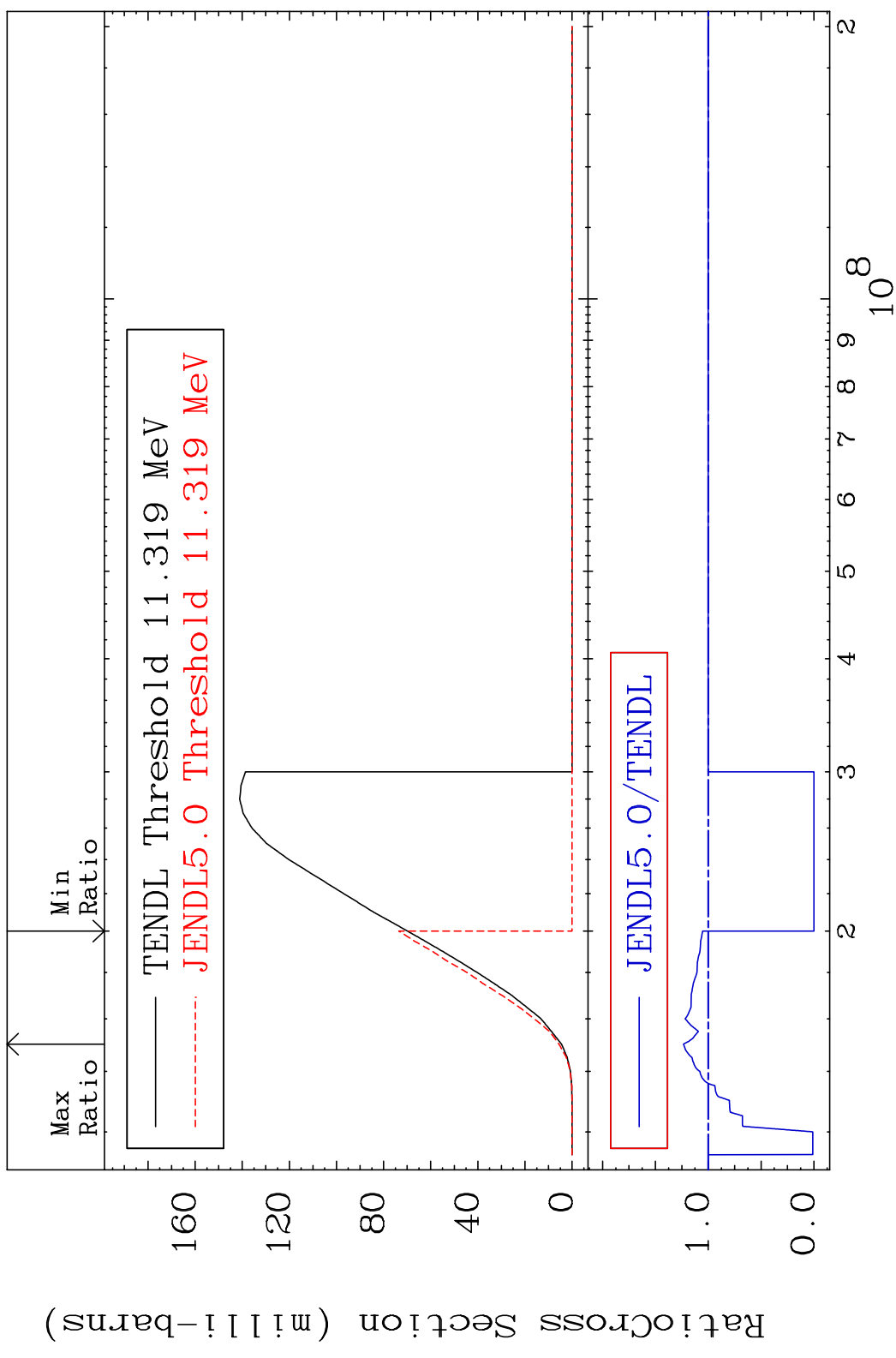
6 Incident Energy (eV) 28-Ni-62

MAT 2837 (n, n') α $^{28}\text{Ni-62}$
 Cross Section -100.0 To 186.8 %

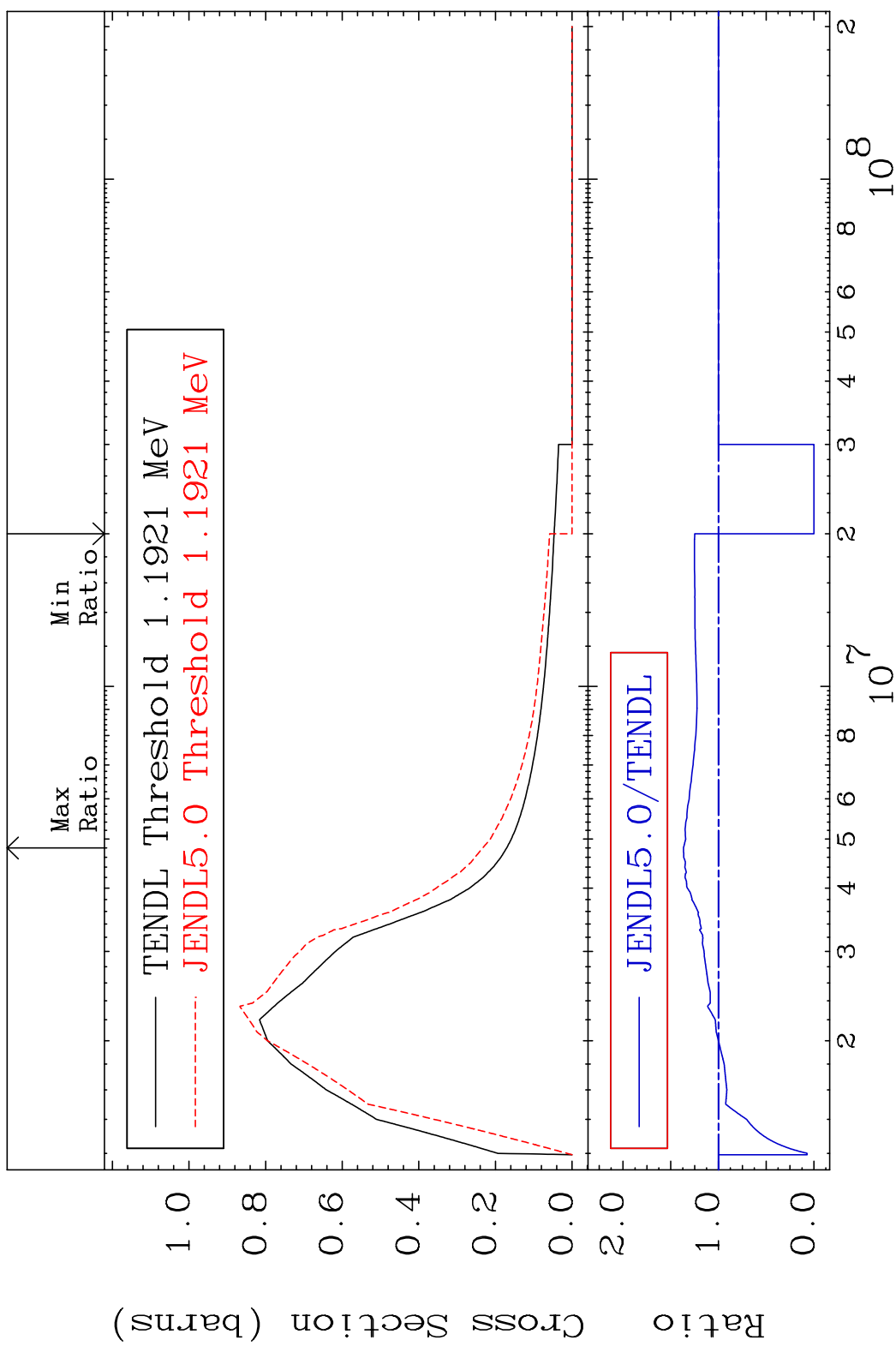


7 7 8 10⁷ 10⁸ 28-Ni-62

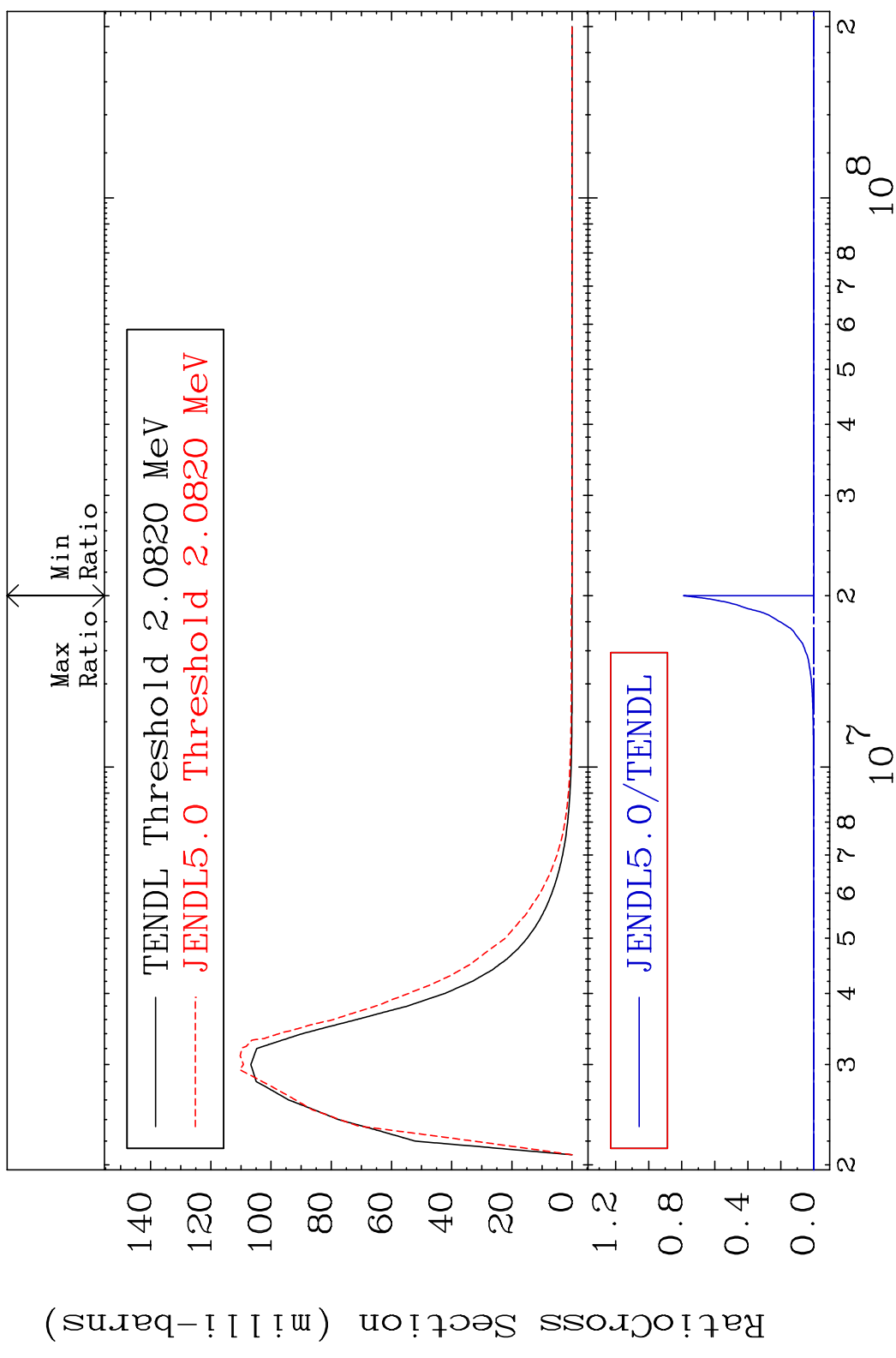
MAT 2837 (n, n') p 28-Ni-62
 Cross Section -100.0 To 23.44 %



MAT 2837 MT= 51 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 36.70 %

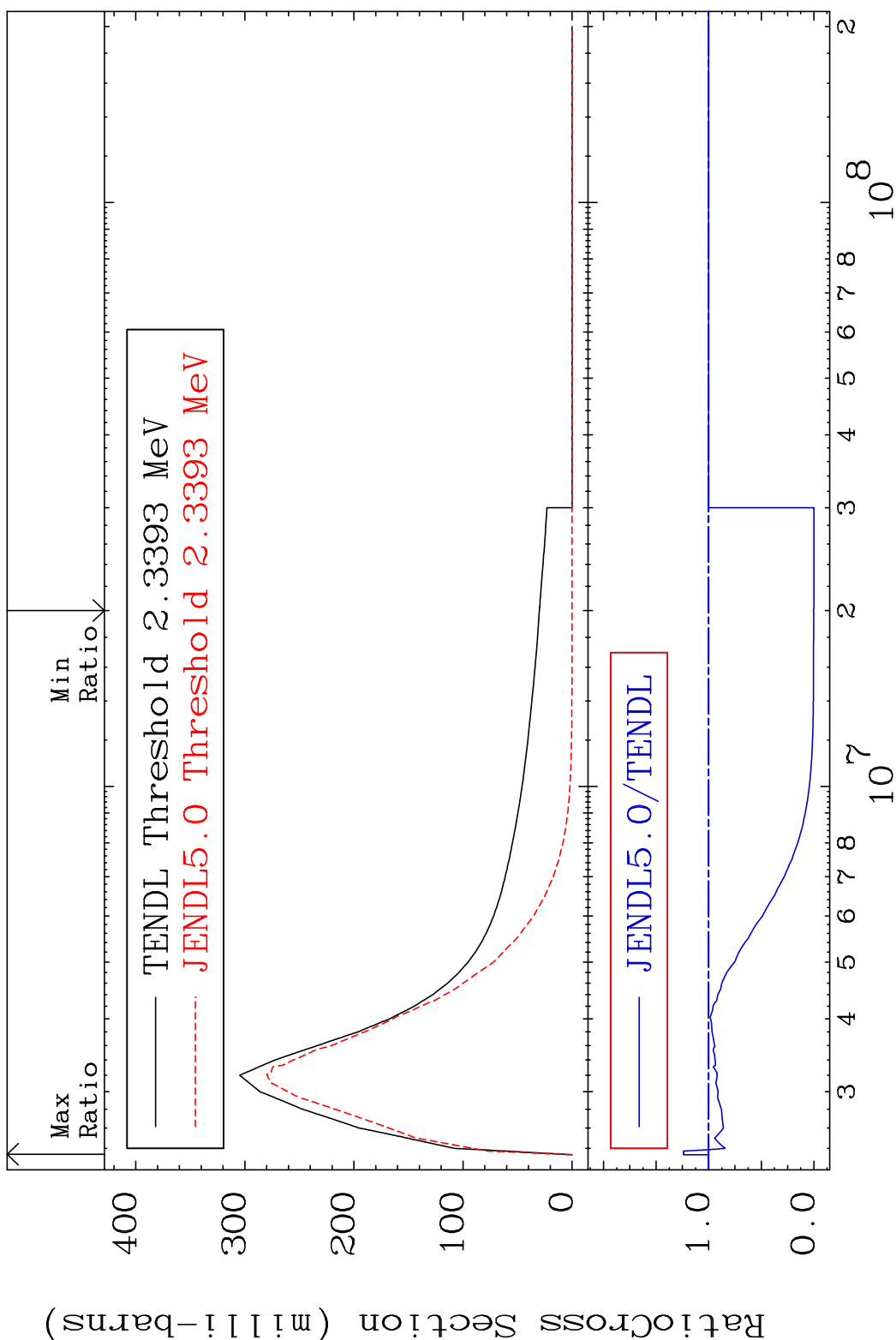


MAT 2837 MT= 52 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 9999. %



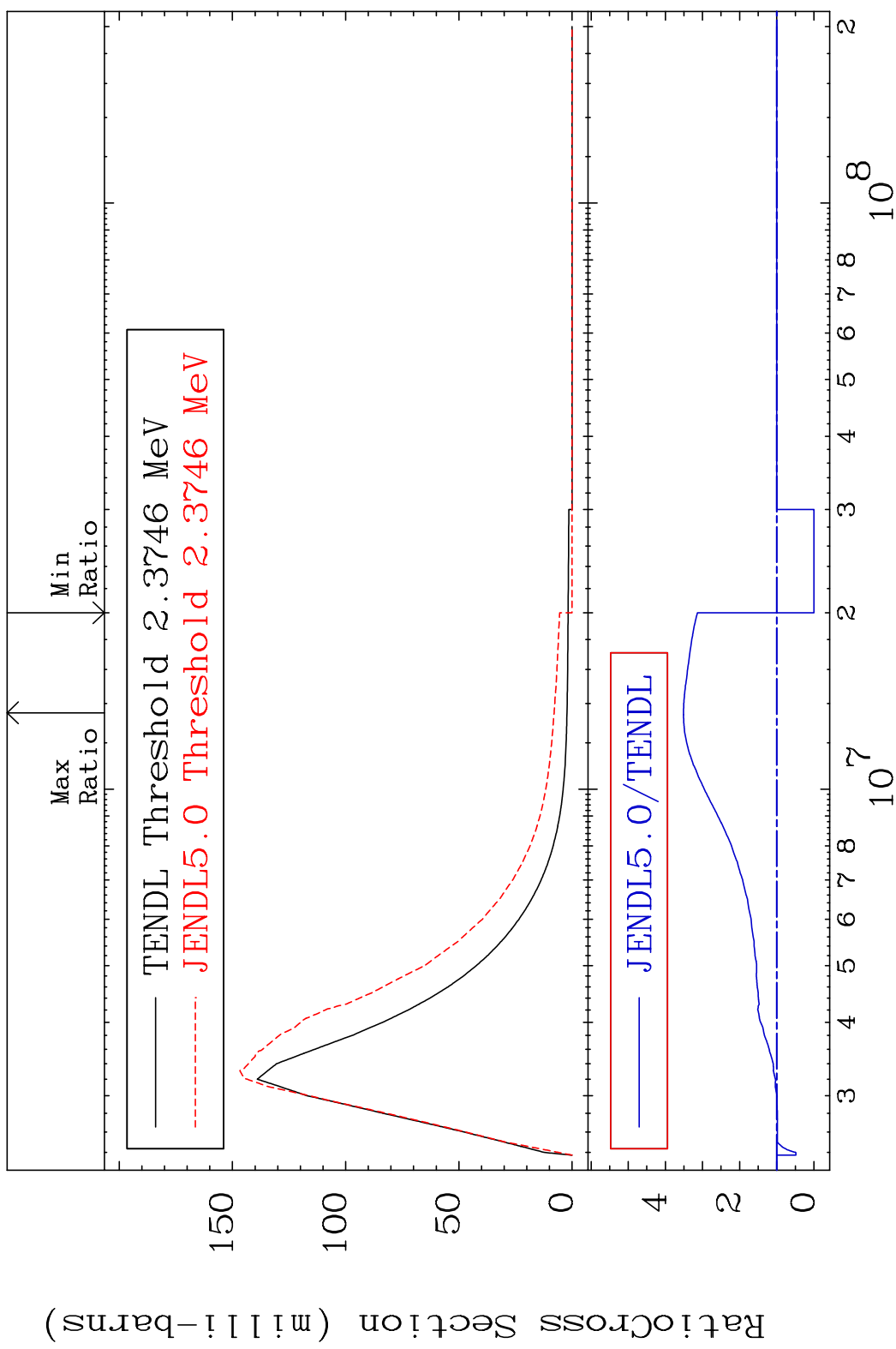
10 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 53 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 24.01 %



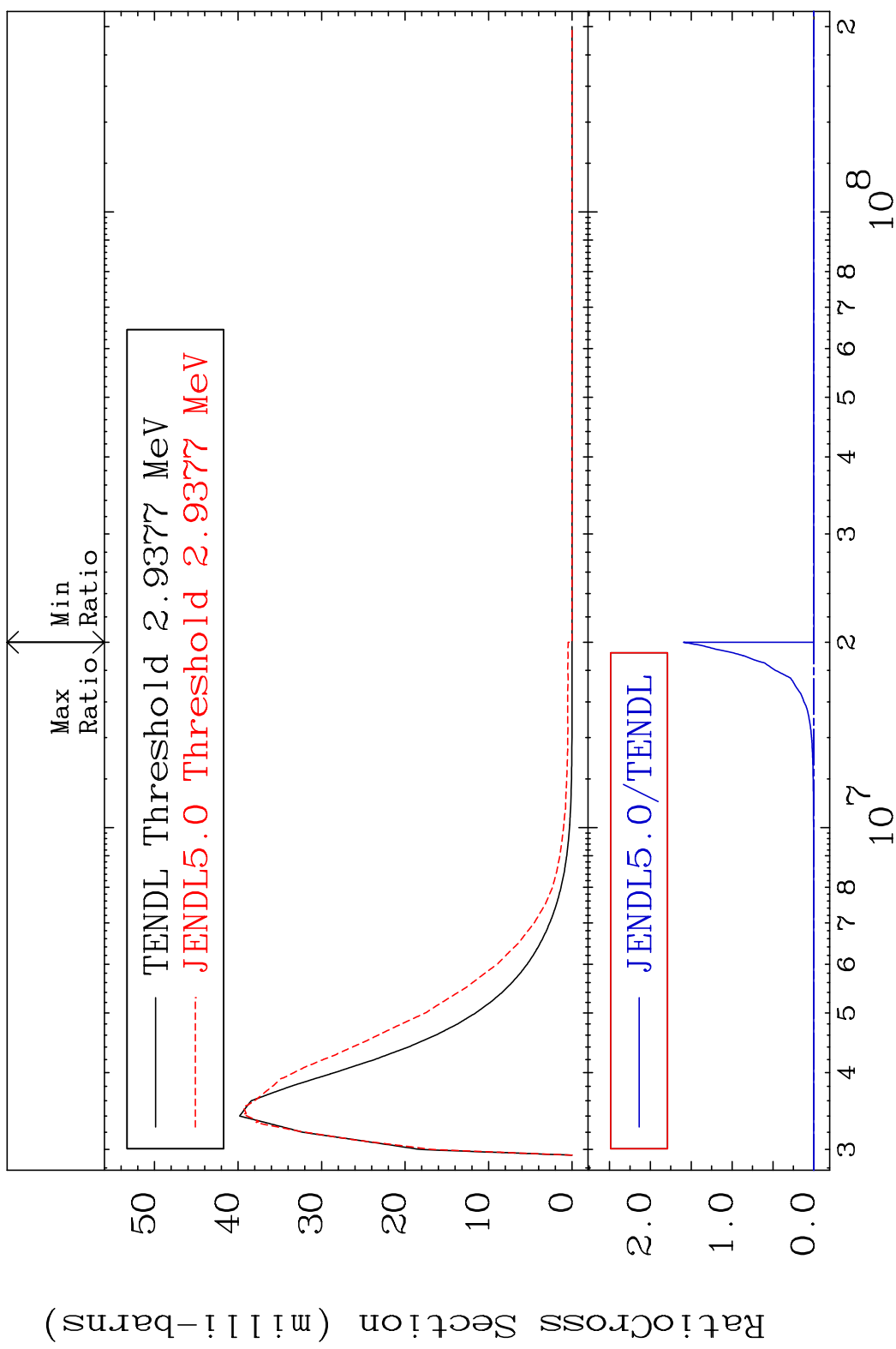
11 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 54 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 251.3 %

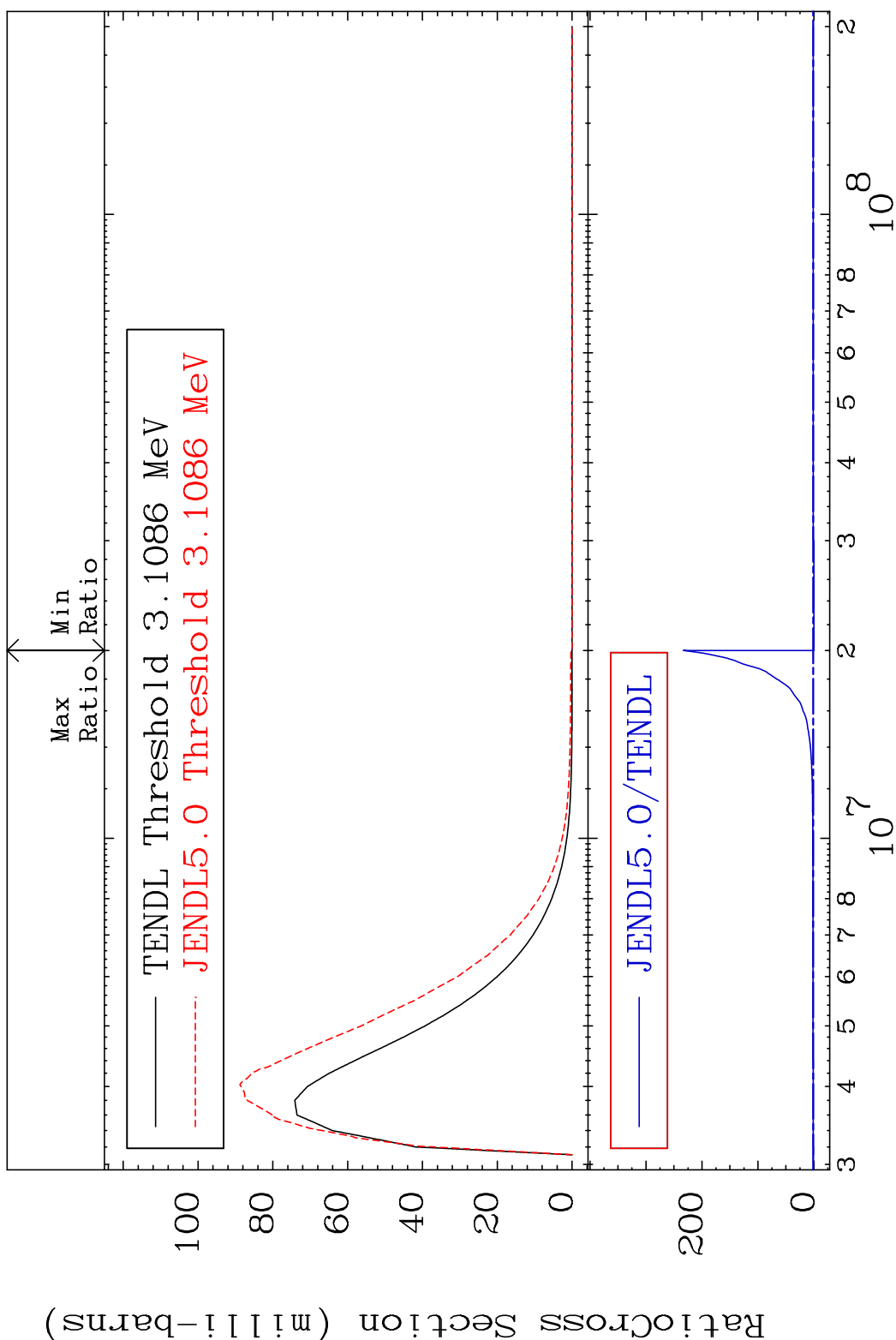


12 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 55 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 9999. %

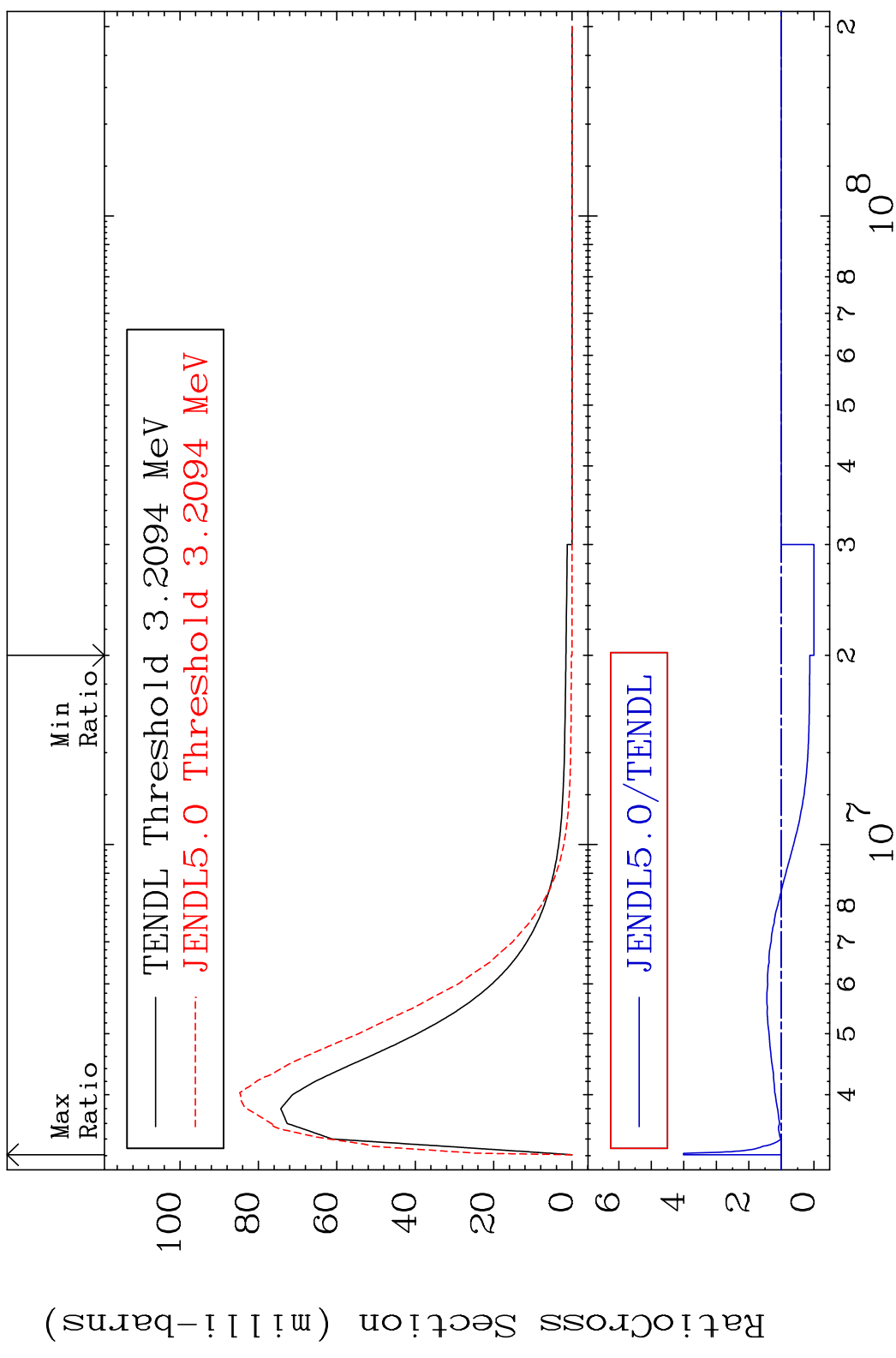


MAT 2837 MT= 56 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 9999. %



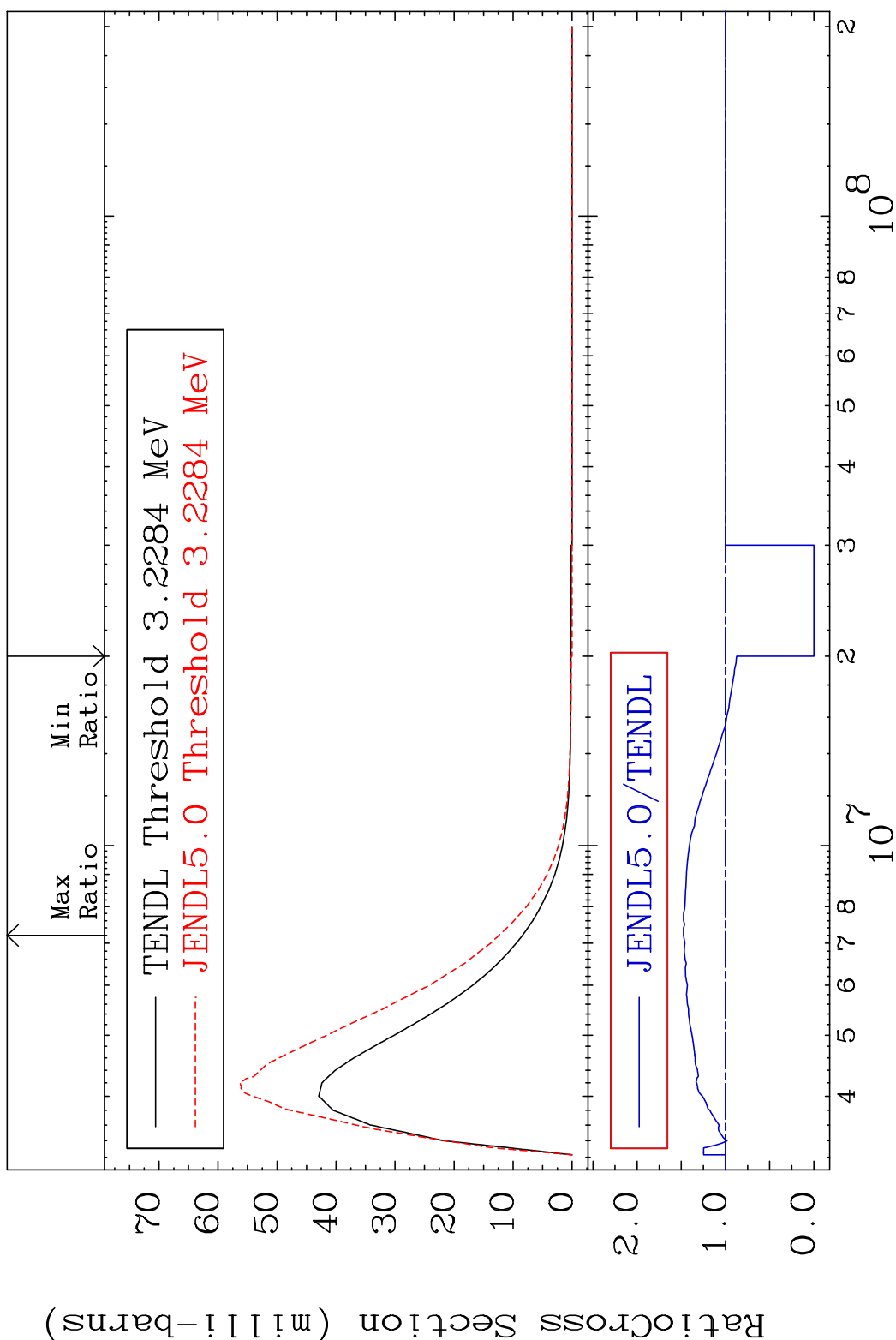
14 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 57 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 301.2 %



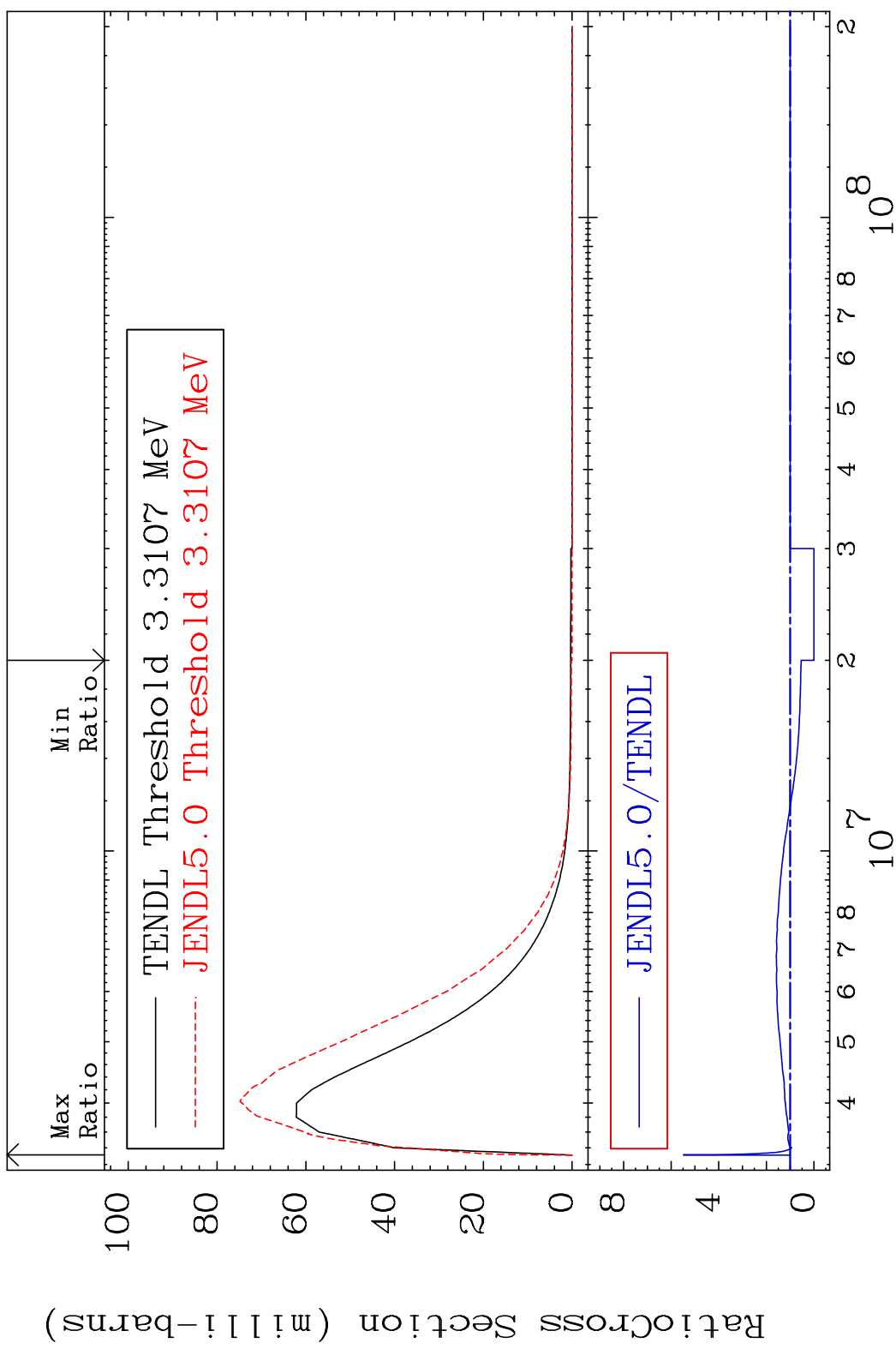
15 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 58 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 47.56 %



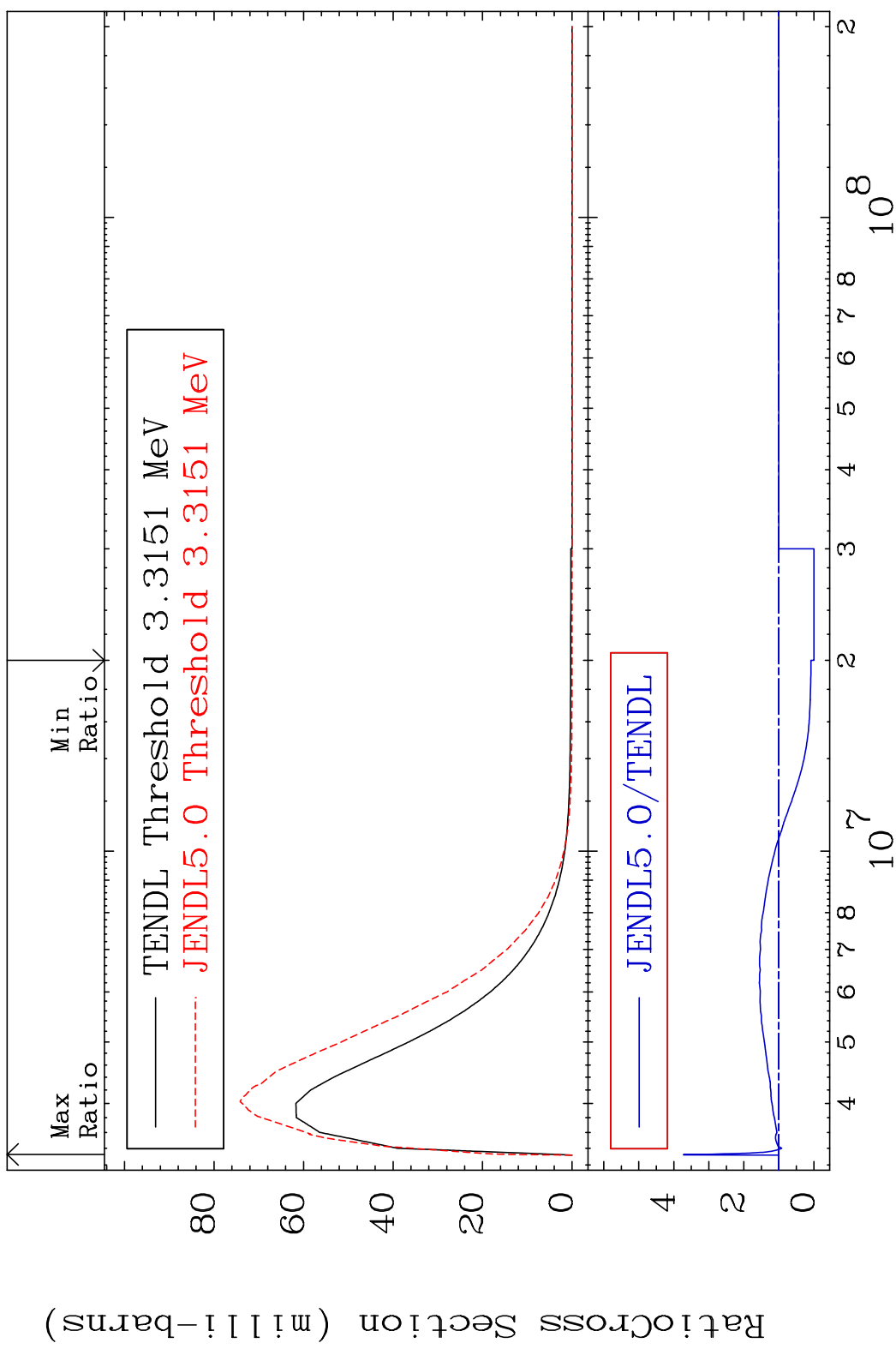
16 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 59 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 448.3 %



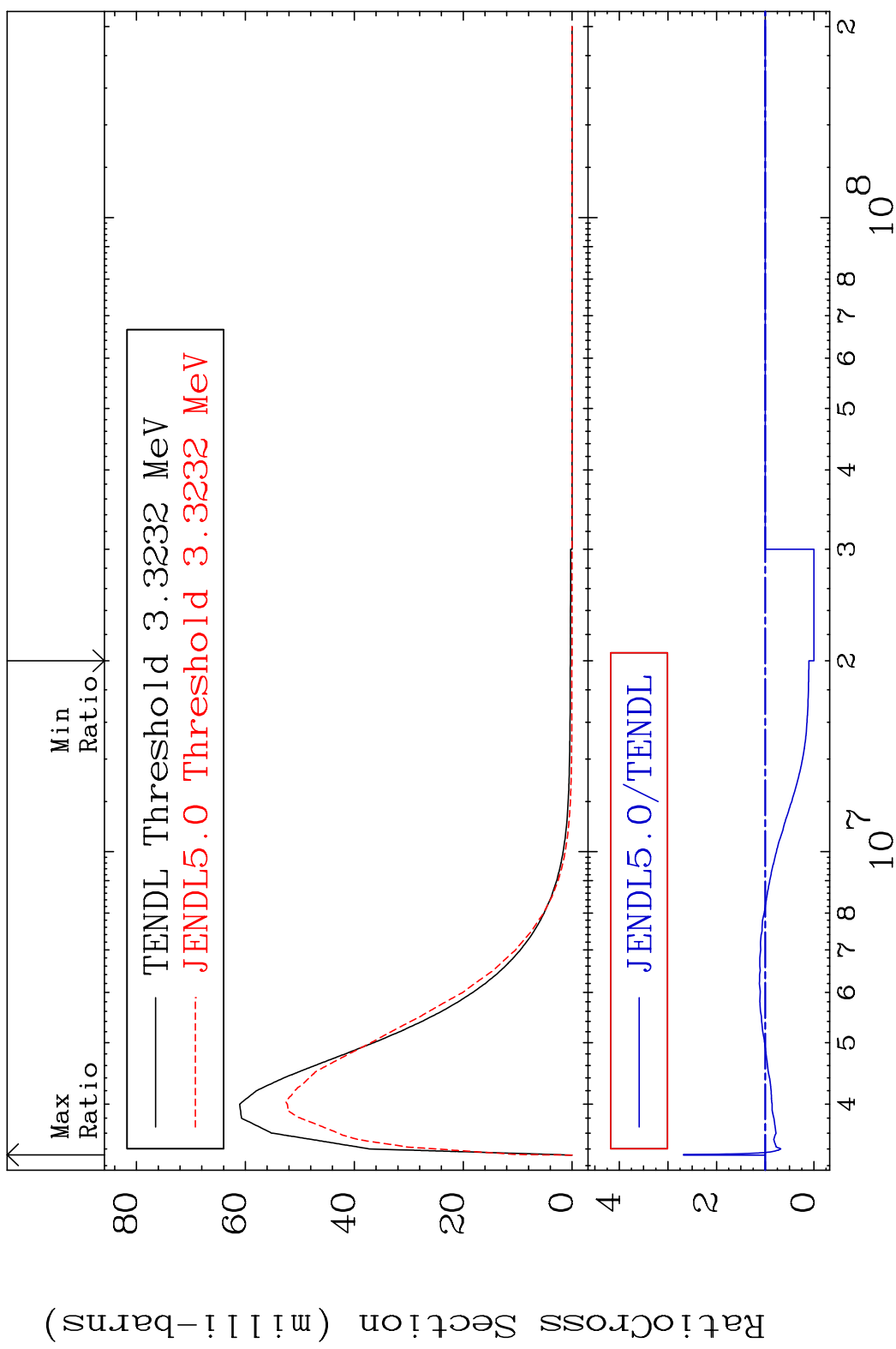
17 28-Ni-62

MAT 2837 MT= 60 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 272.4 %

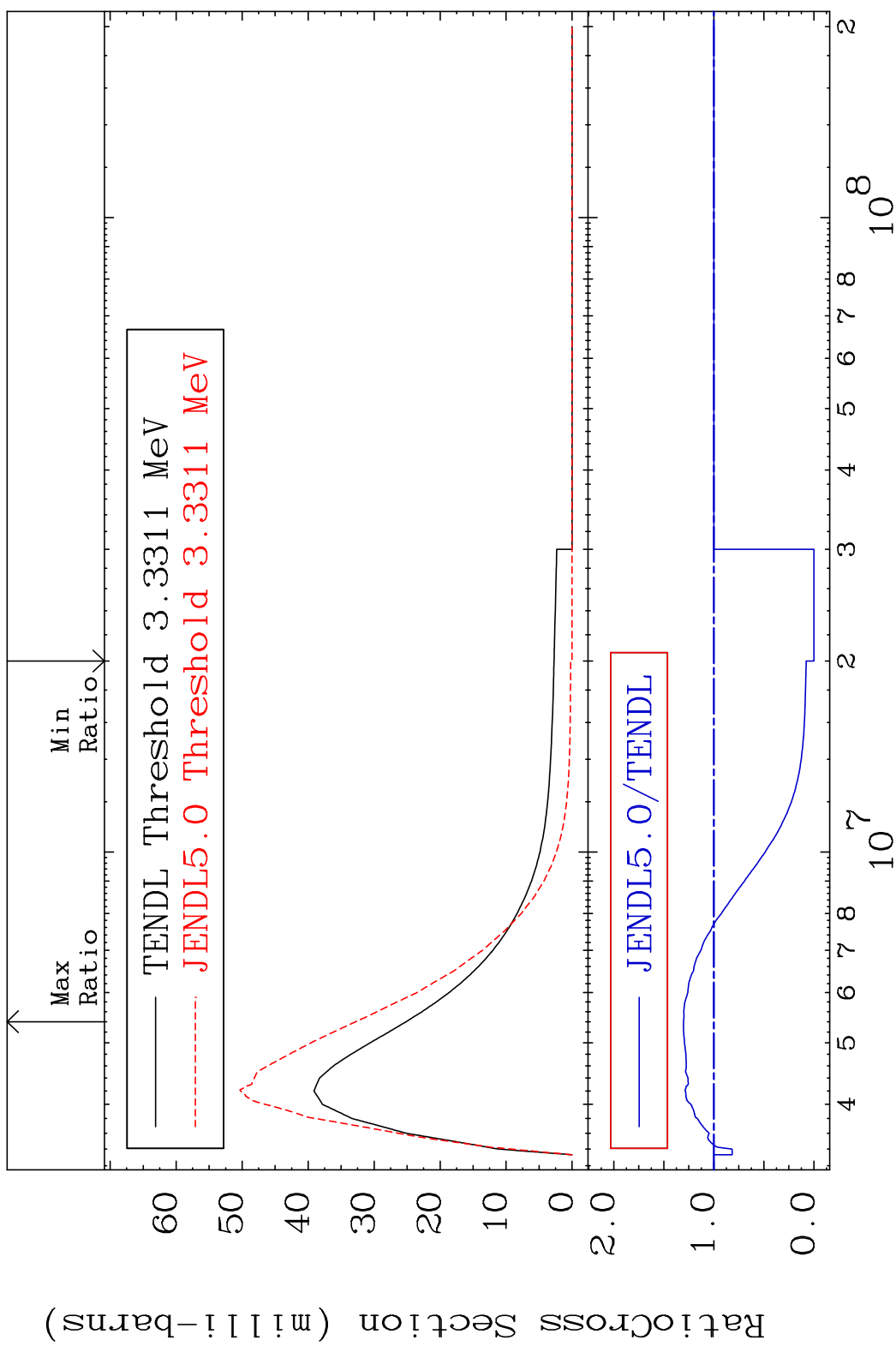


18 Incident Energy (eV) 28-Ni-62

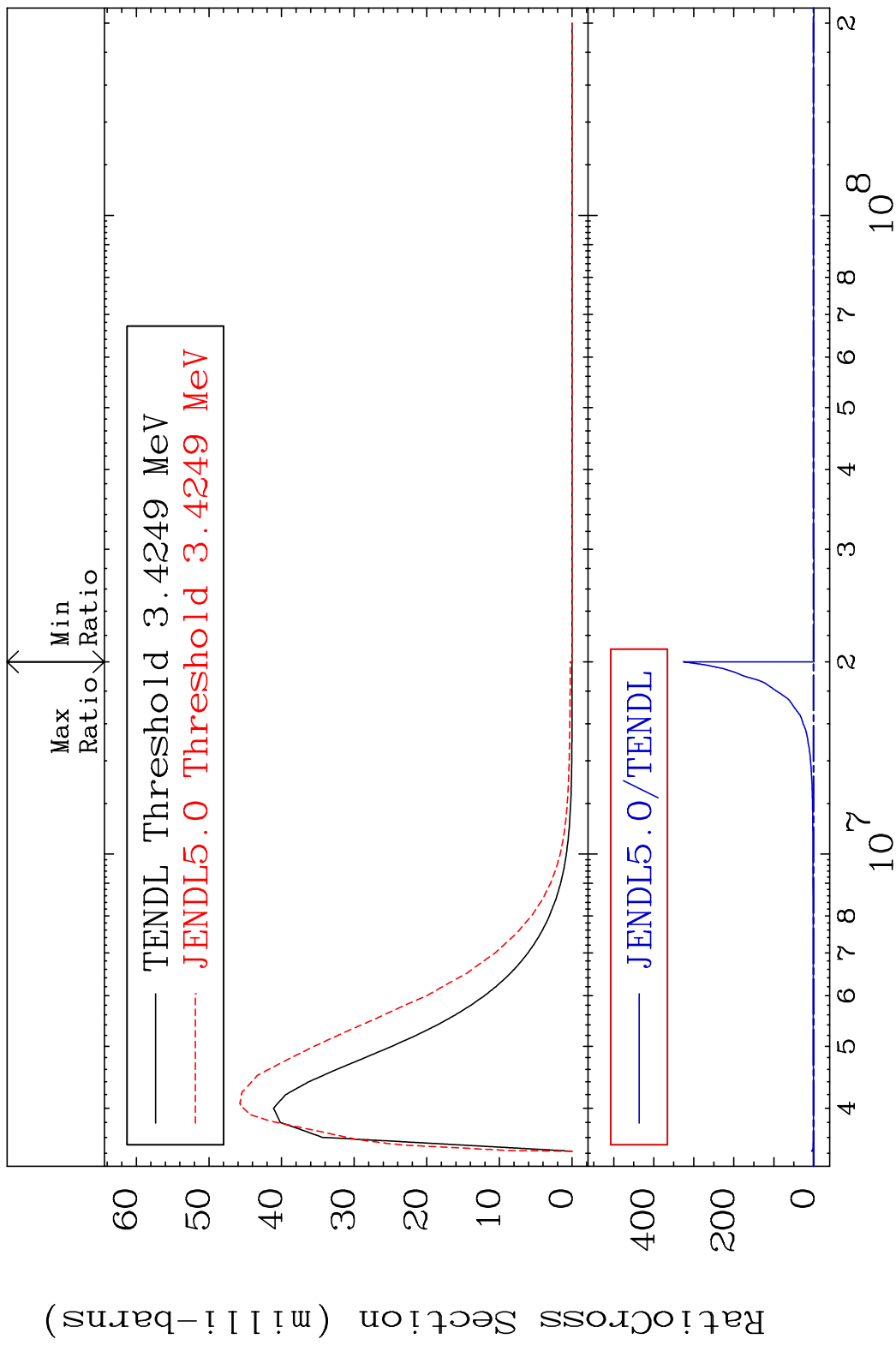
MAT 2837 MT= 61 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 168.1 %



MAT 2837 MT= 62 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 30.35 %

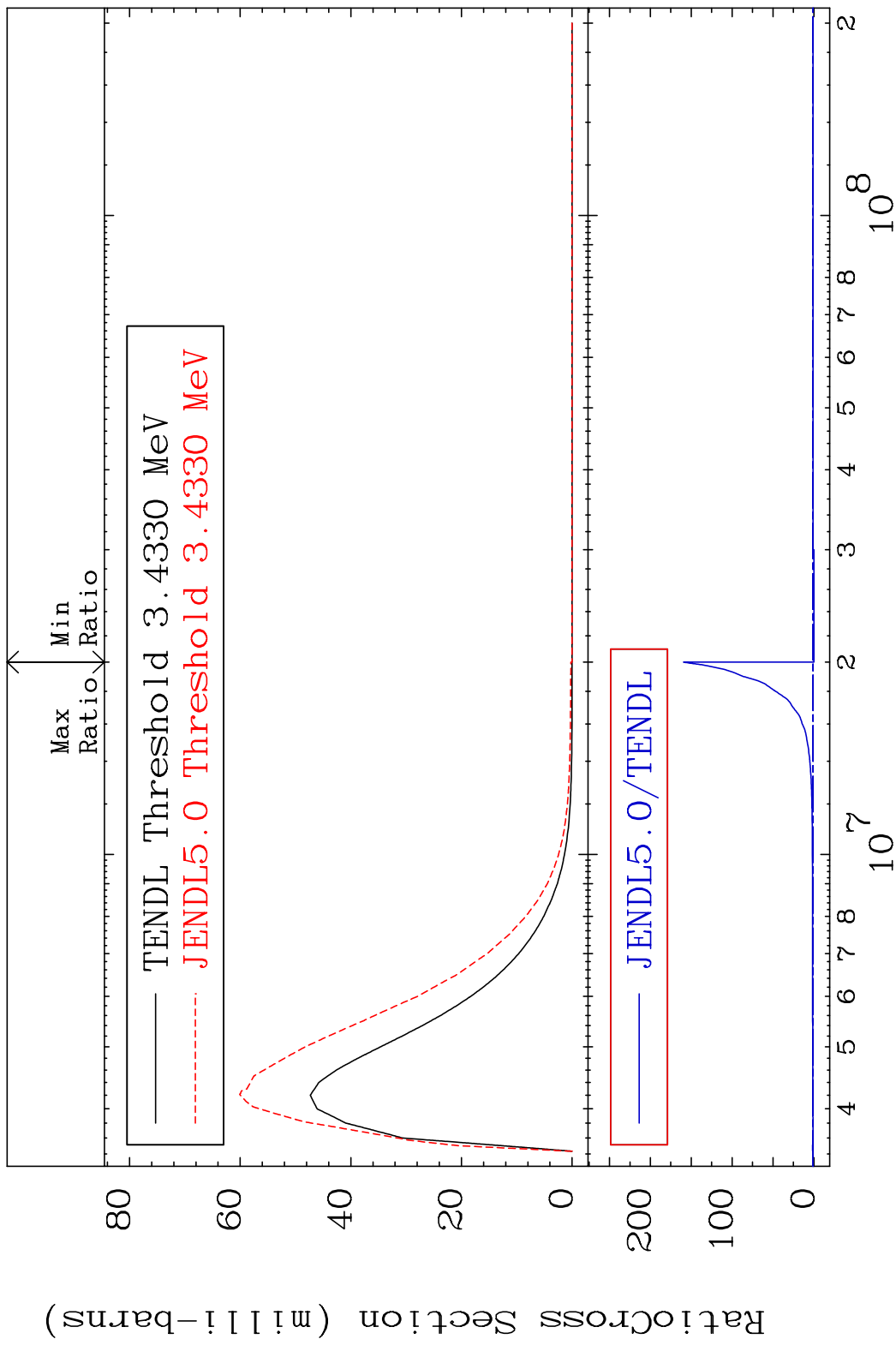


MAT 2837 MT= 63 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 9999. %



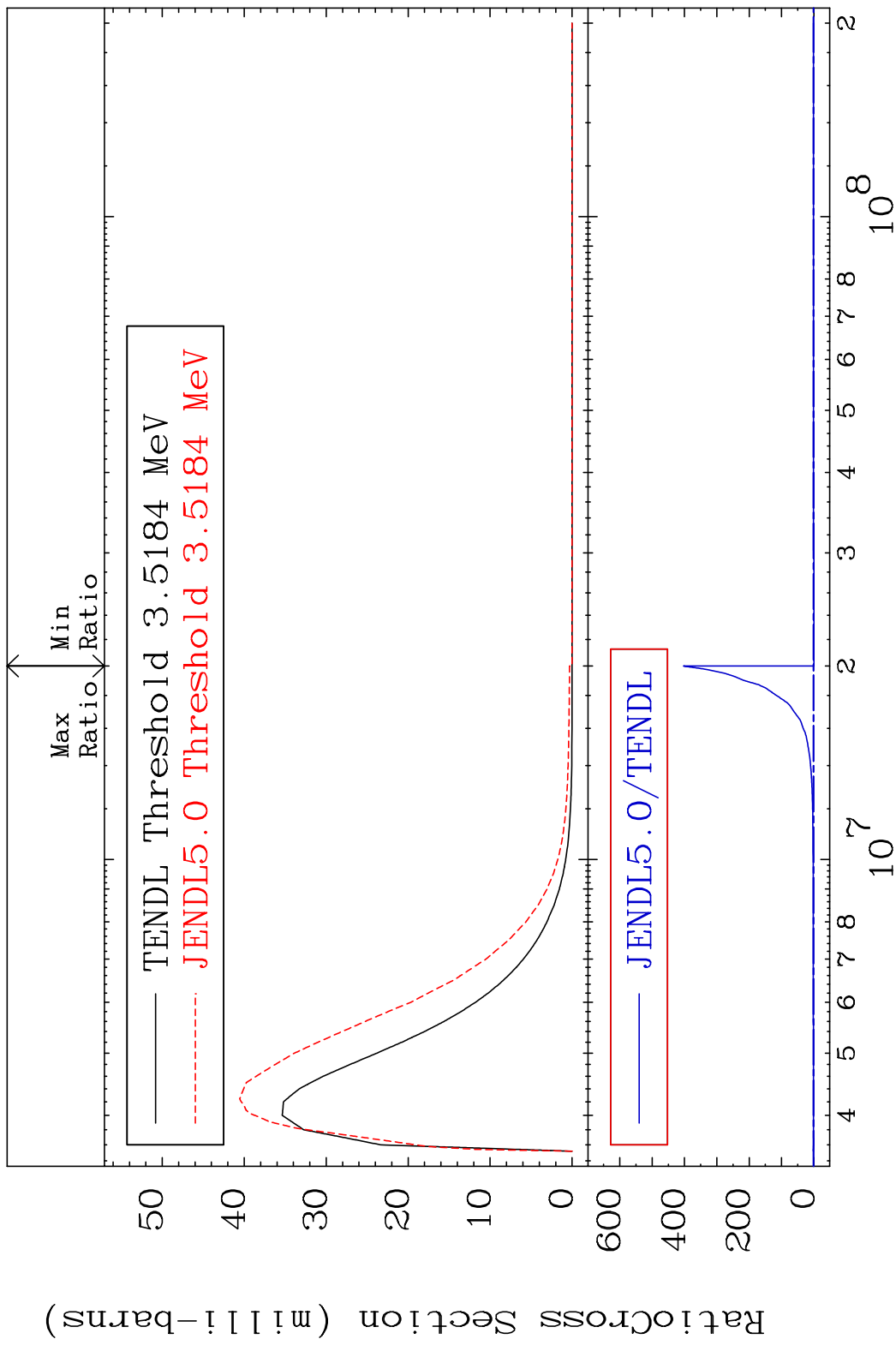
21 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 64 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 9999. %

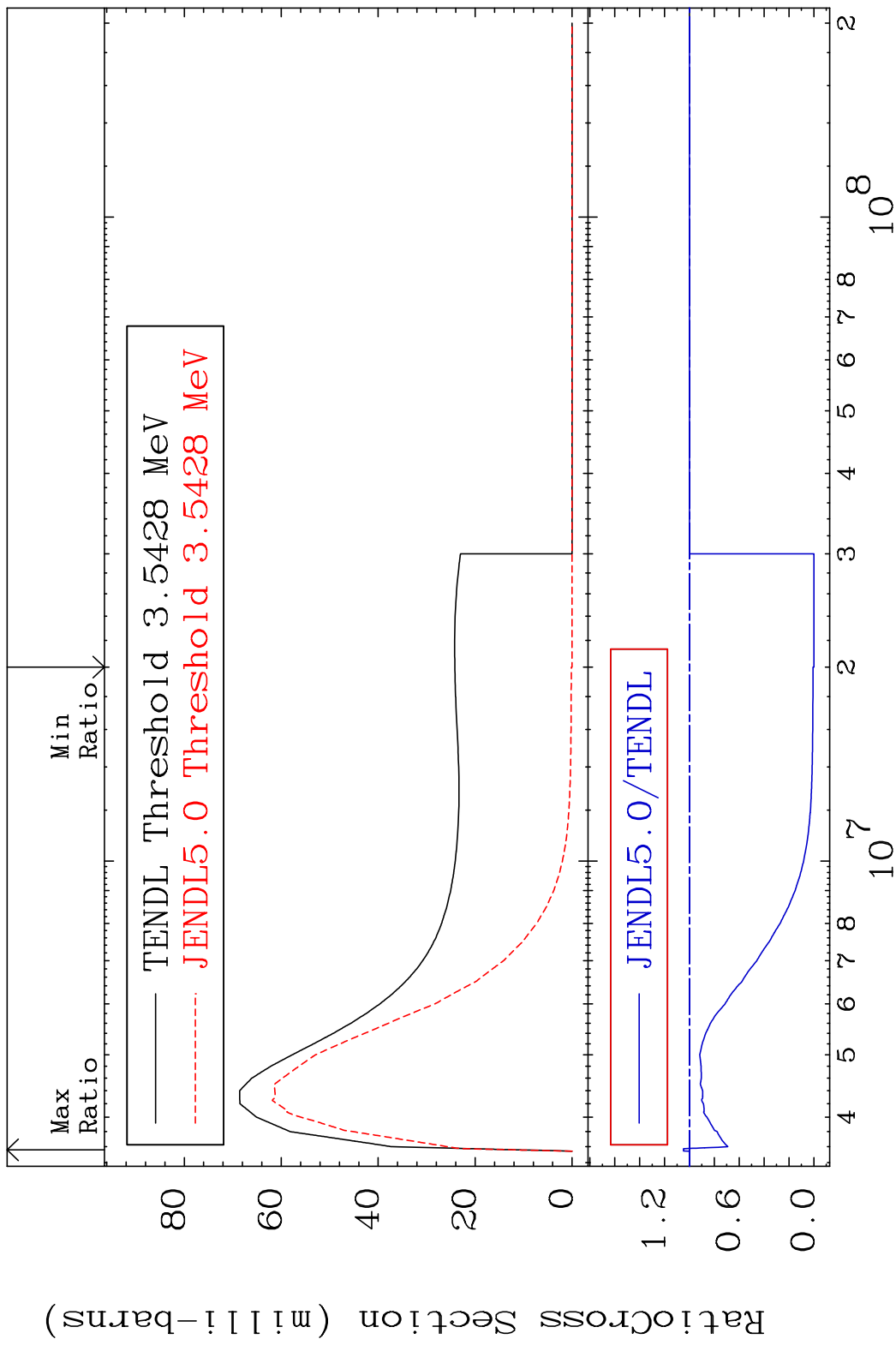


22 28-Ni-62

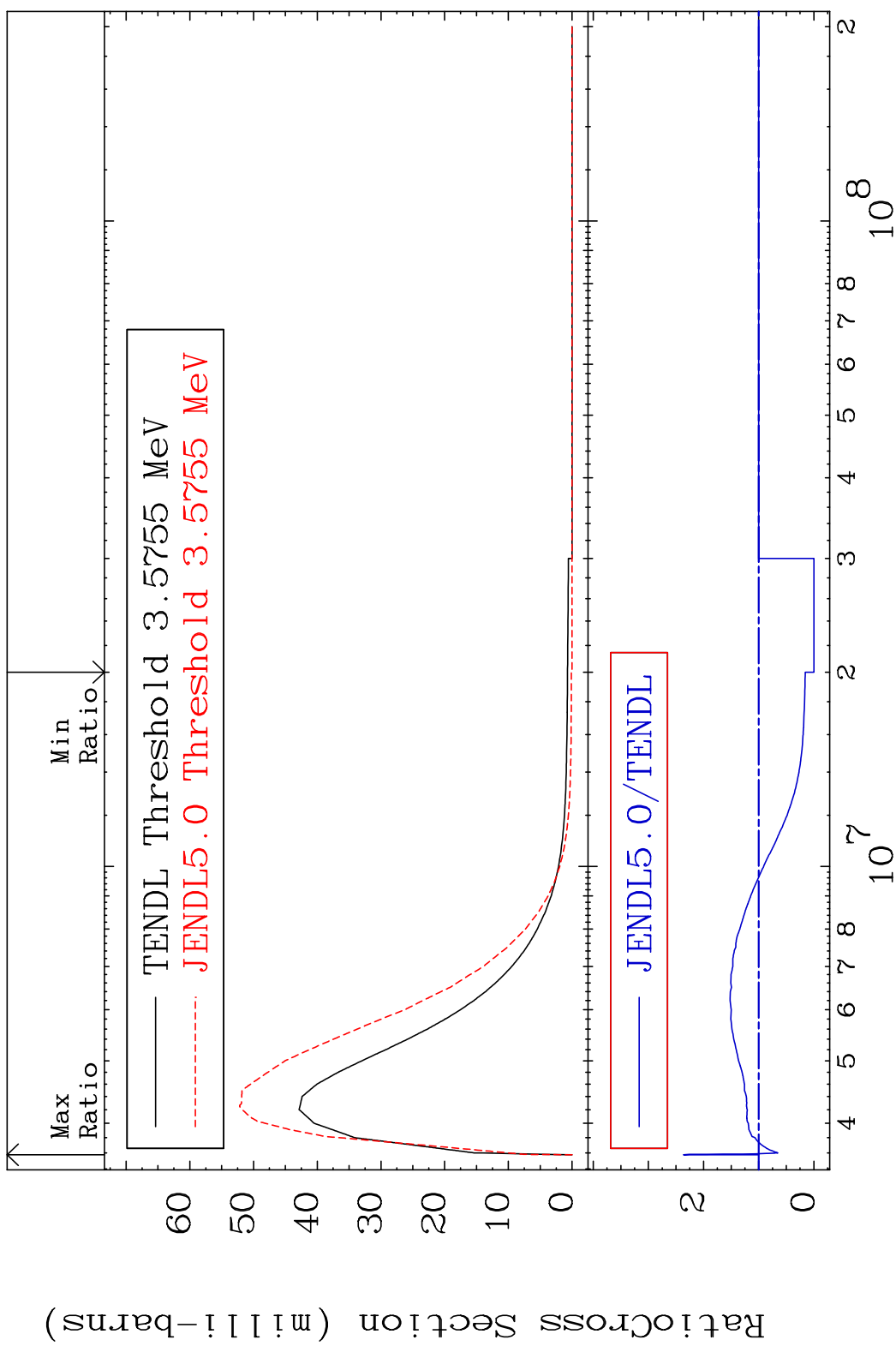
MAT 2837 MT= 65 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 9999. %



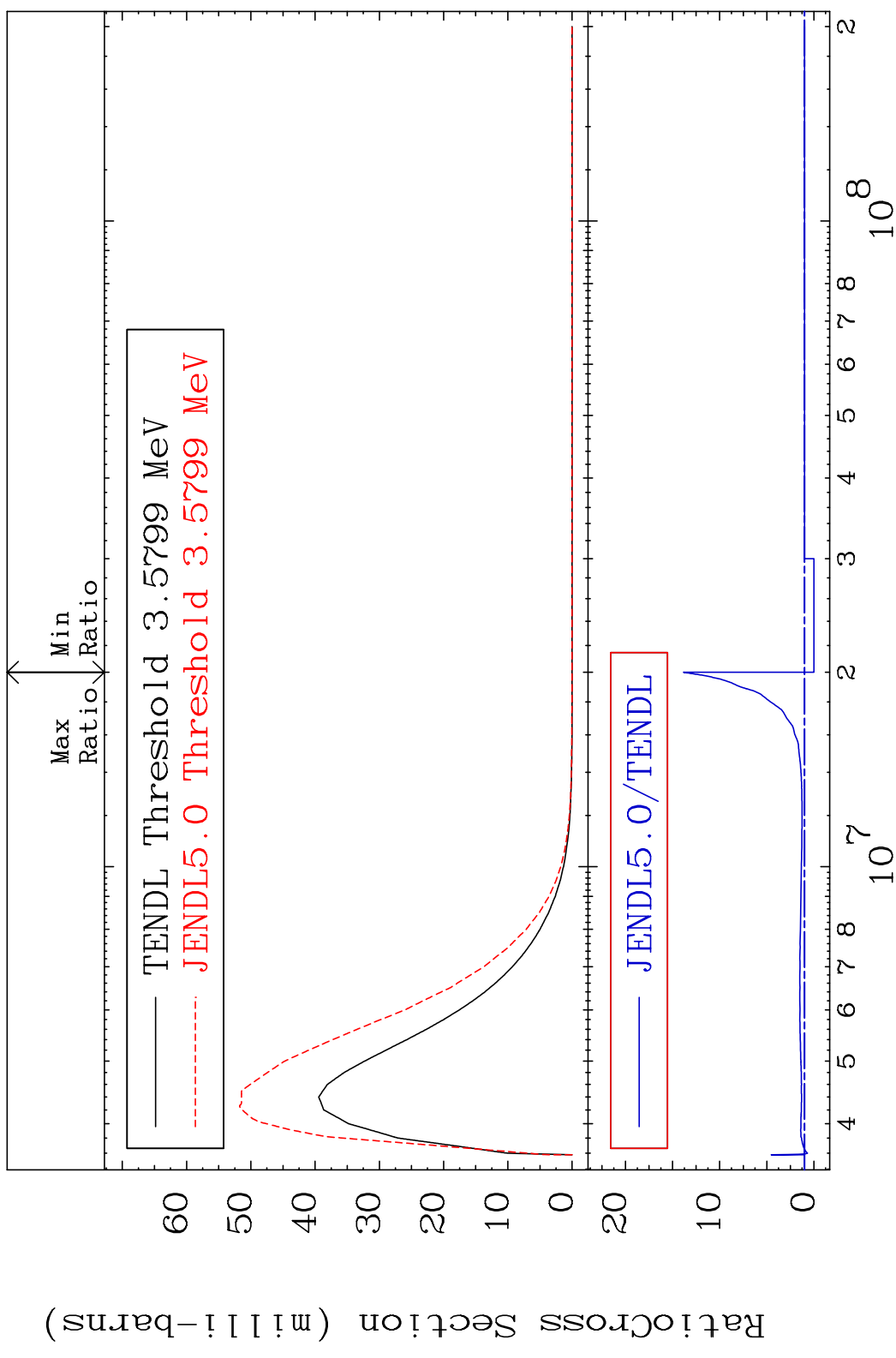
MAT 2837 MT= 66 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 4.799 %



MAT 2837 MT= 67 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 136.4 %

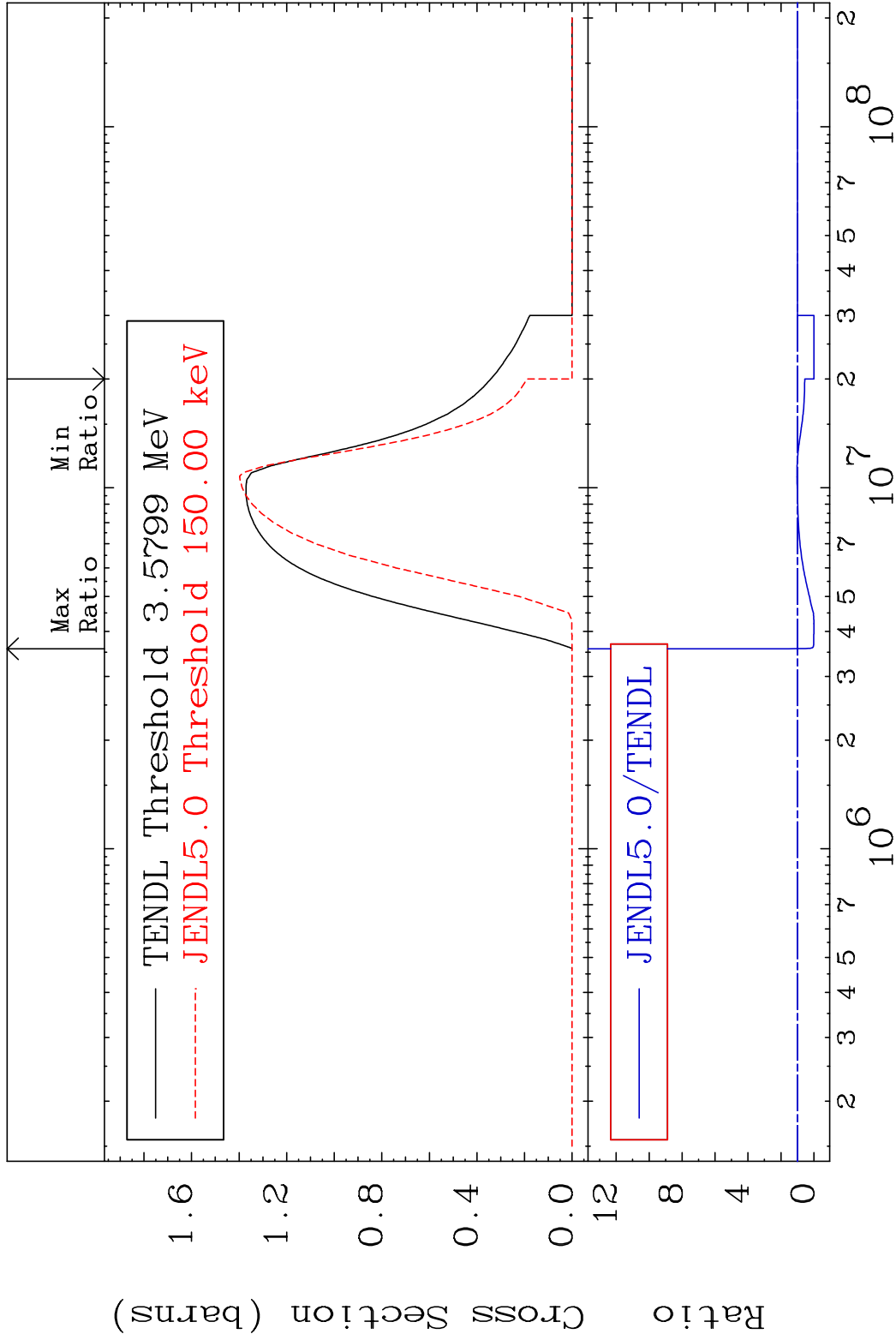


MAT 2837 MT= 68 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 1285. %

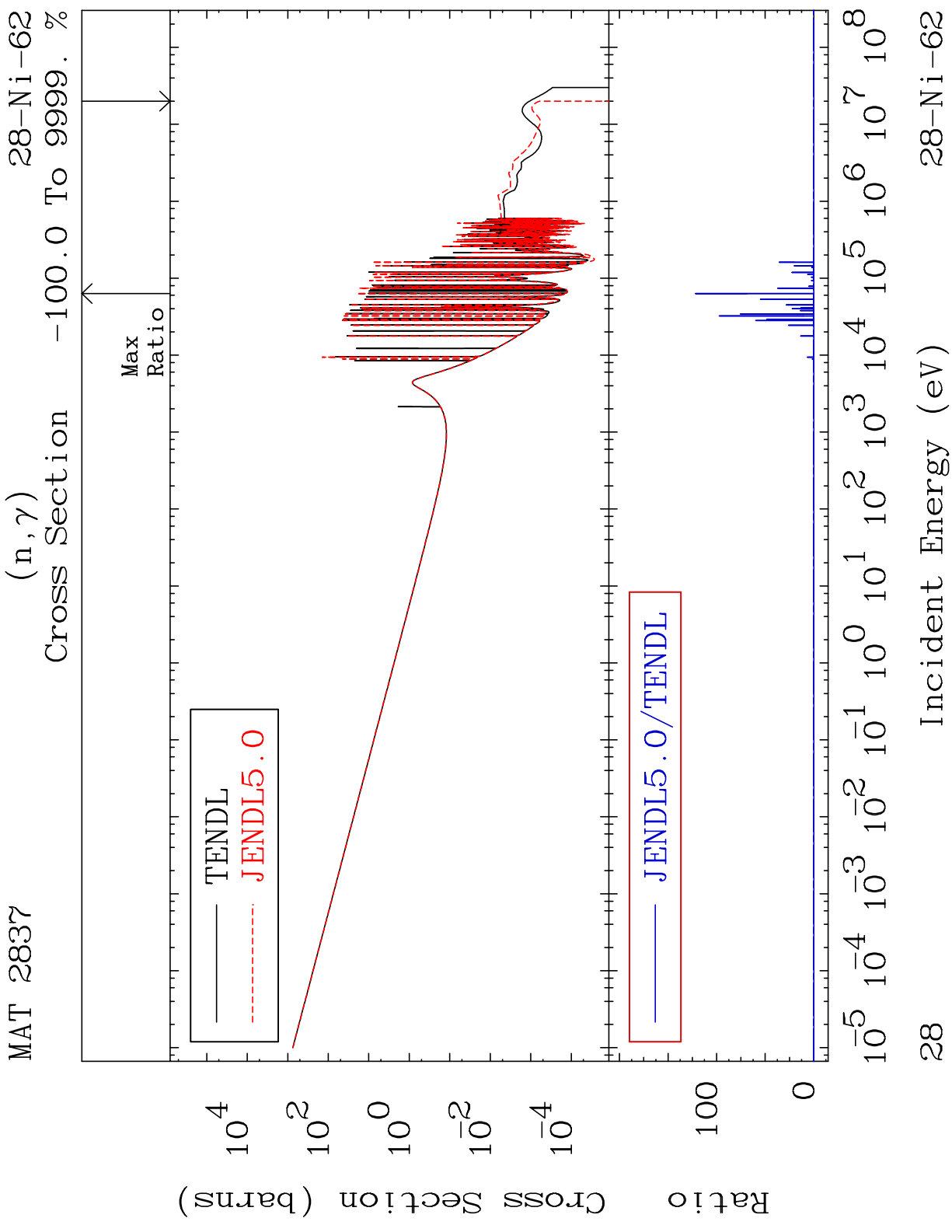


26 Incident Energy (eV) 28-Ni-62

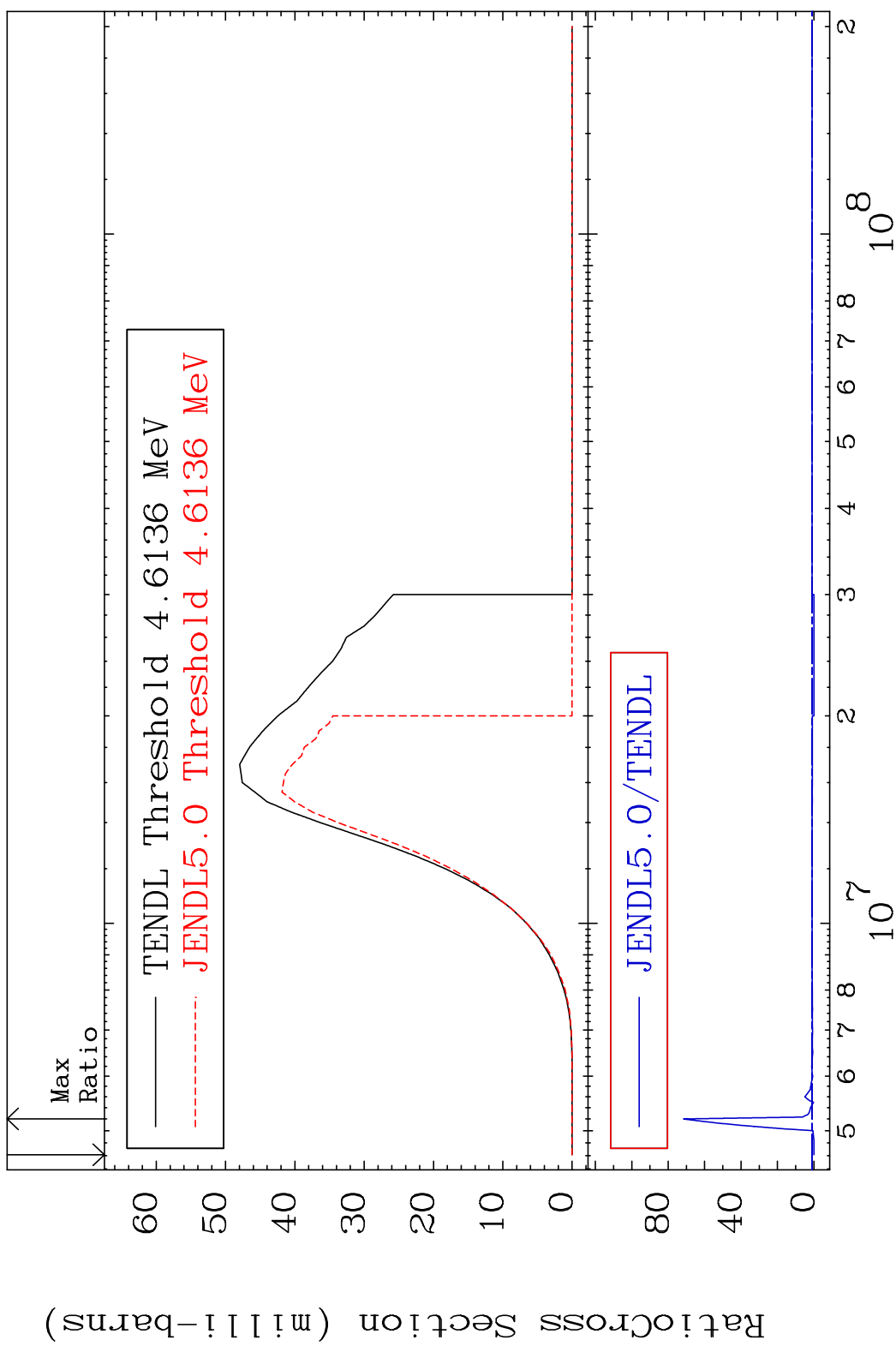
MAT 2837 (n,n') Continuum ²⁸Ni-62
 Cross Section -100.0 To 691.6 %



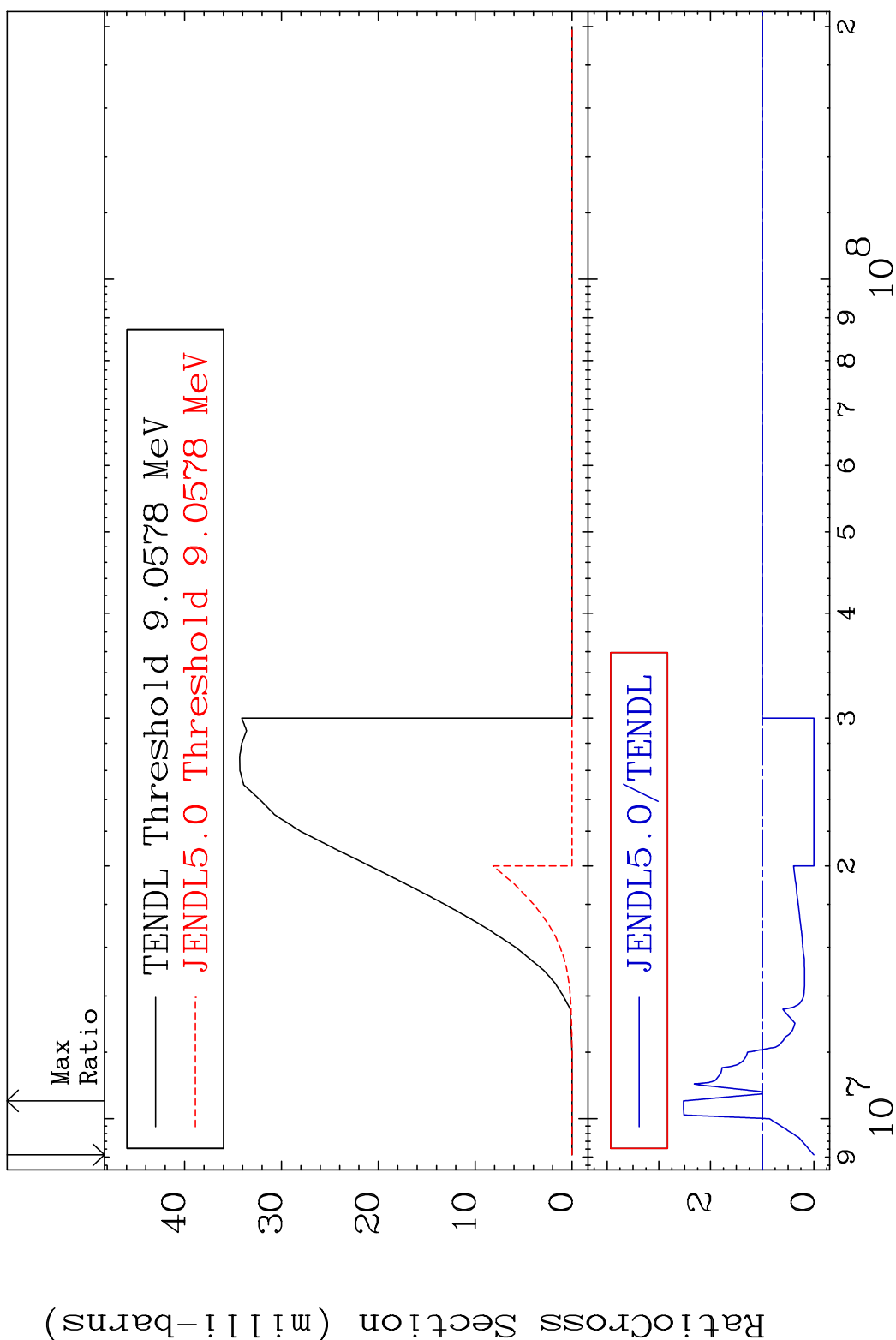
27 ²⁸Ni-62



MAT 2837 (n,p) 28-Ni-62
 Cross Section -100.0 To 7062. %

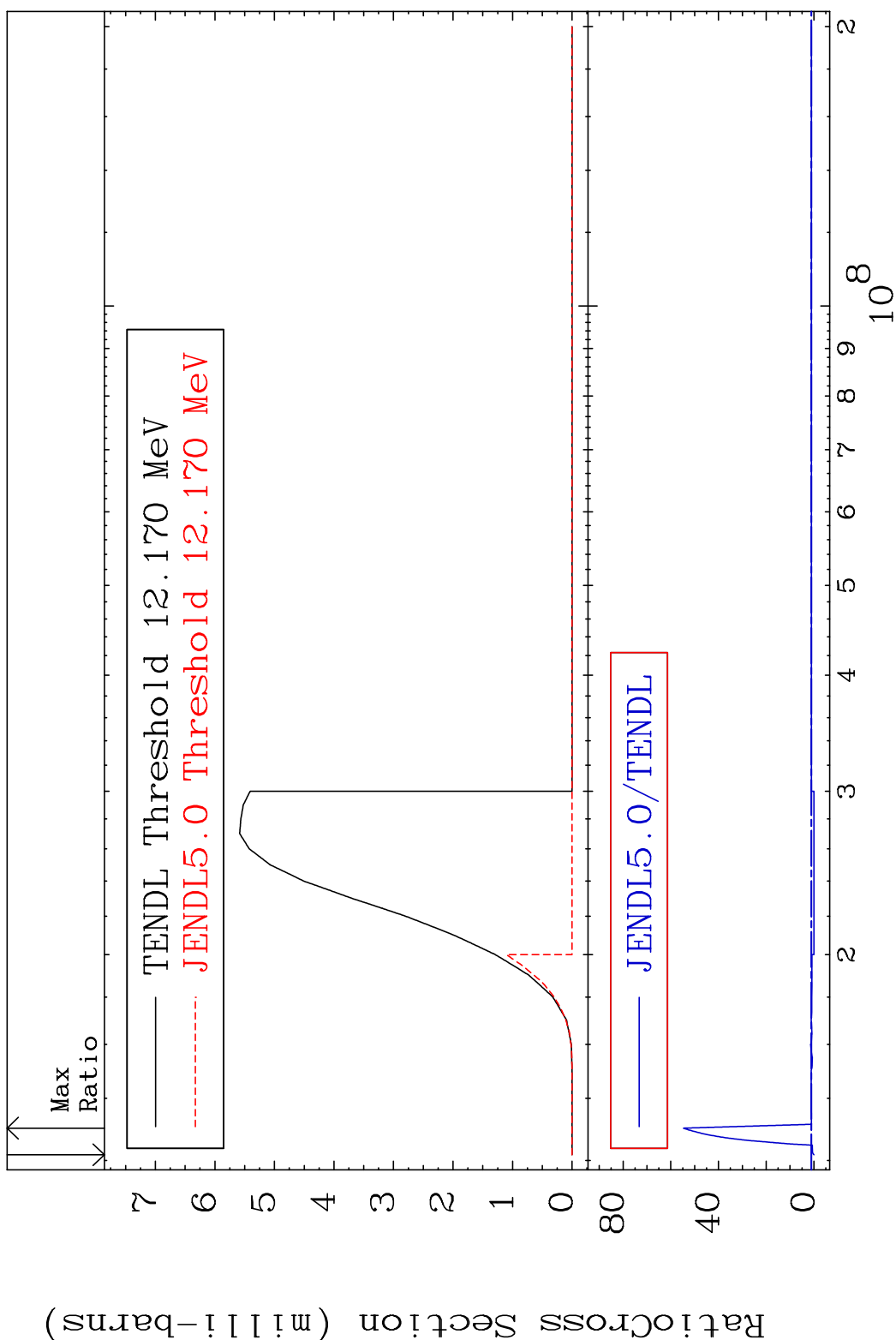


MAT 2837 (n, d) ²⁸Ni-62
 Cross Section -100.0 To 152.4 %



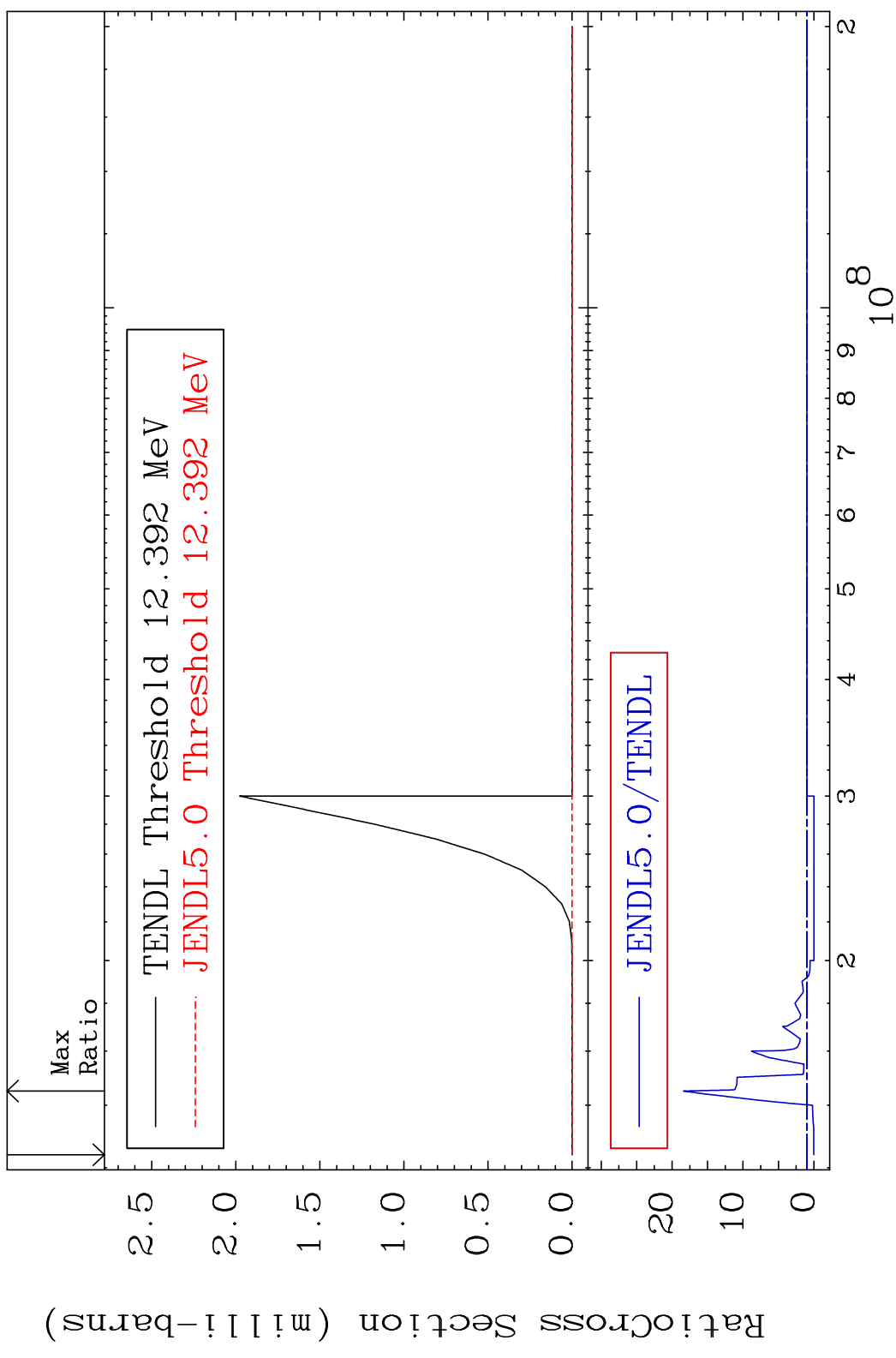
30 28-Ni-62

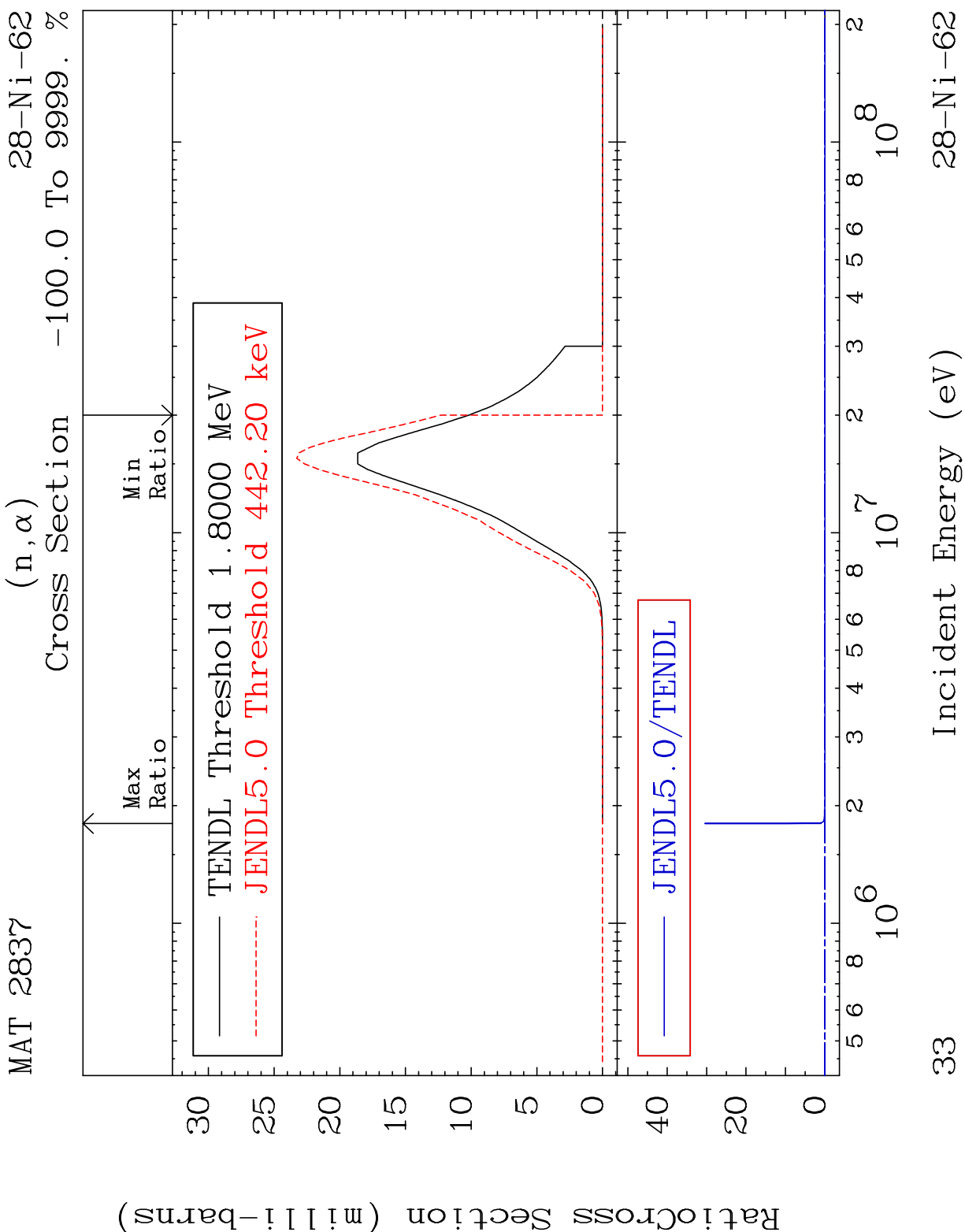
MAT 2837 (n, t) 28-Ni-62
 Cross Section -100.0 To 5369. %



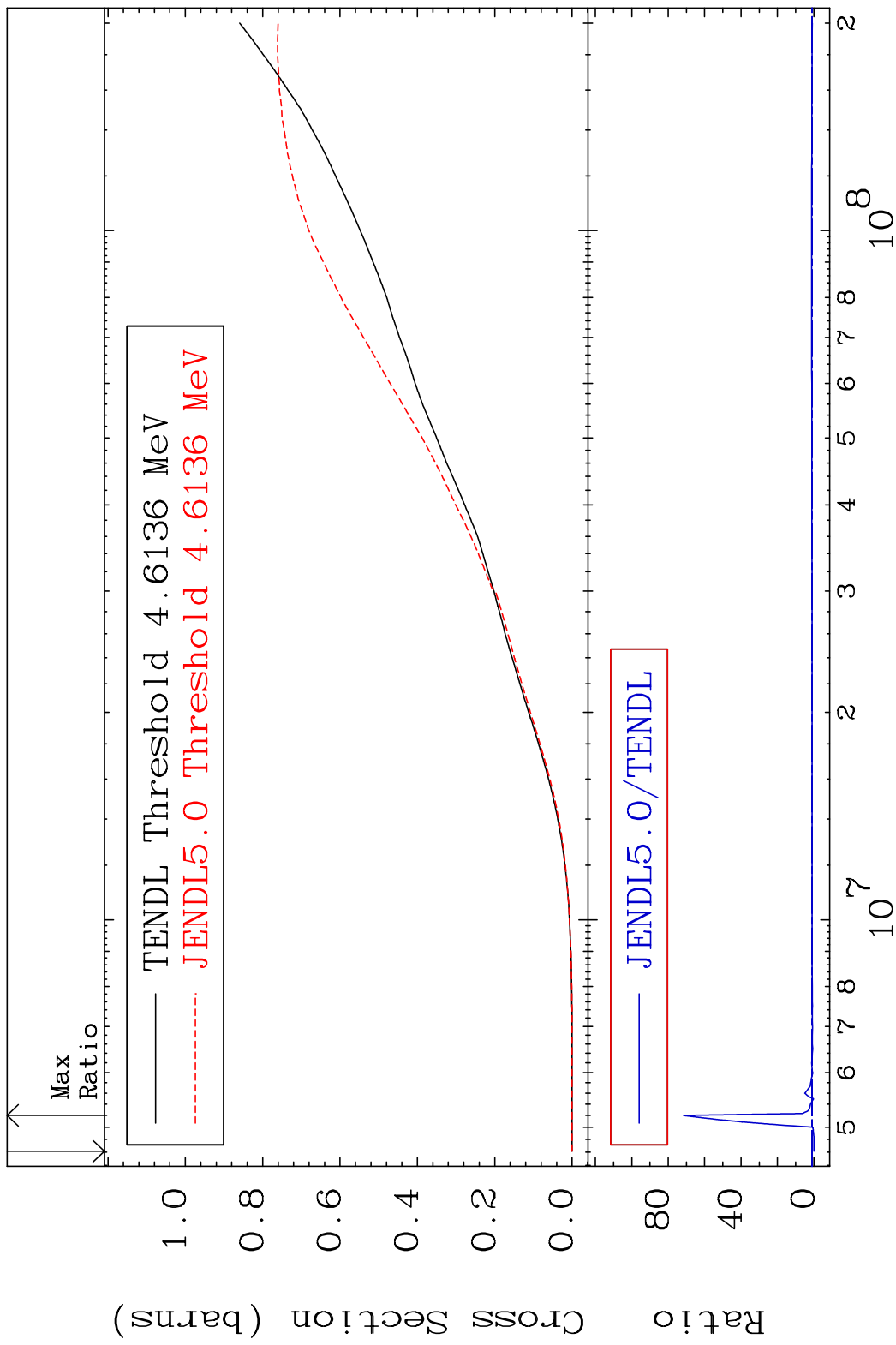
31 Incident Energy (eV) 28-Ni-62

MAT 2837 (n, He-3) 28-Ni-62
 Cross Section -100.0 To 1739. %



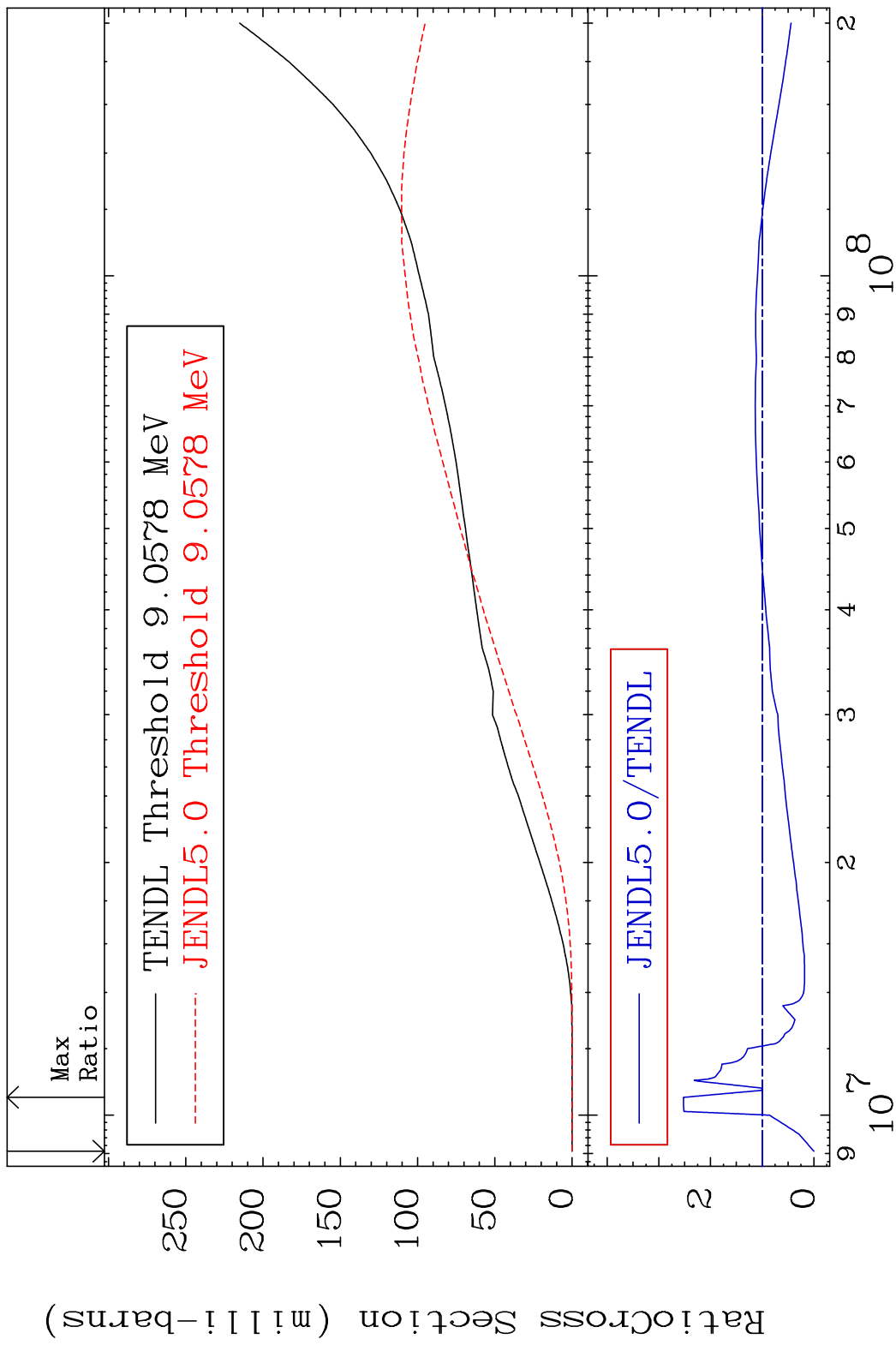


MAT 2837 Hydrogen Production 28-Ni-62
 Cross Section -100.0 To 7062. %



34 Incident Energy (eV) 28-Ni-62

MAT 2837 Deuterium Production ²⁸Ni-62
Cross Section -100.0 To 152.4 %



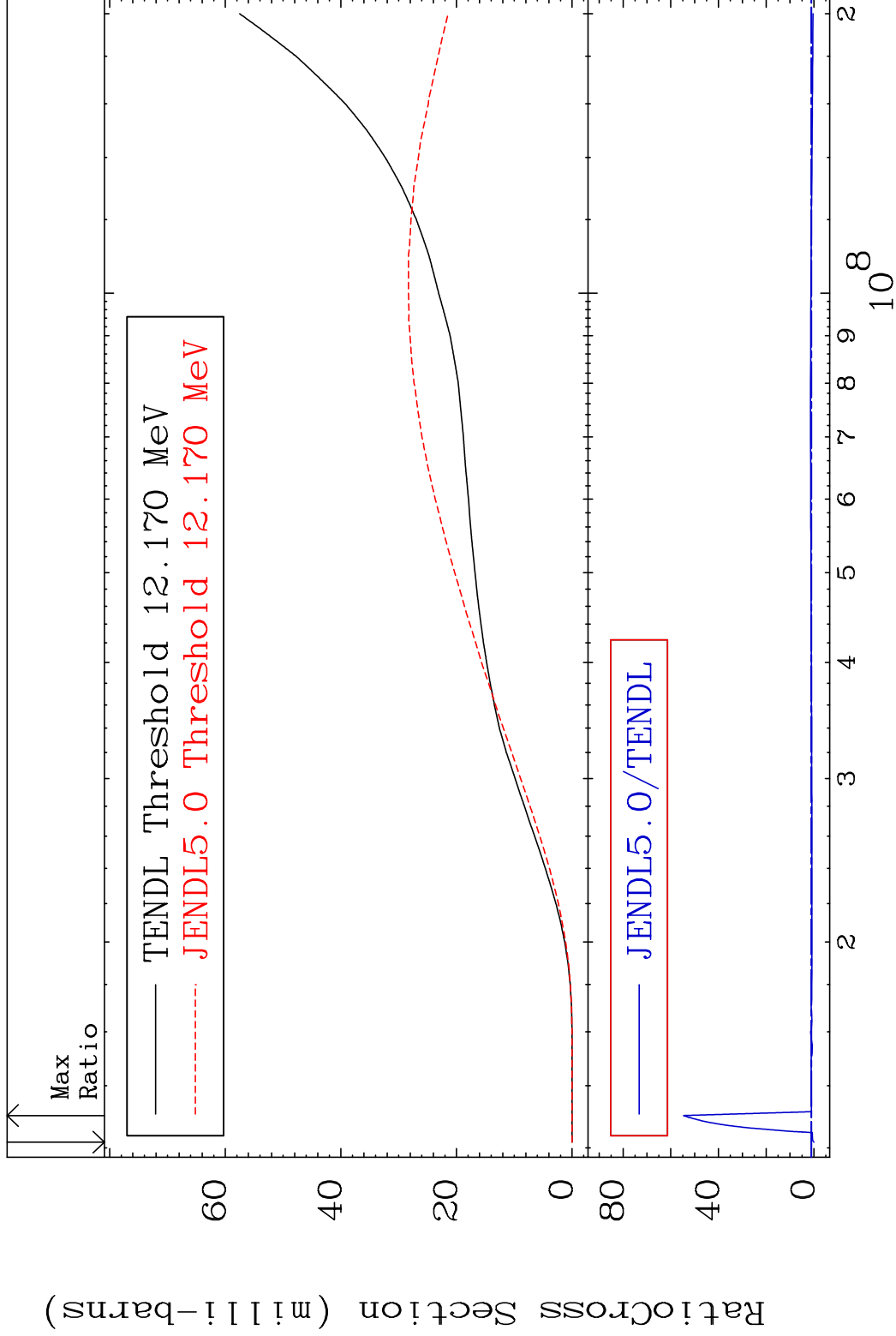
35 ²⁸Ni-62

MAT 2837

Tritium Production

28-Ni-62

Cross Section -100.0 To 5369. %

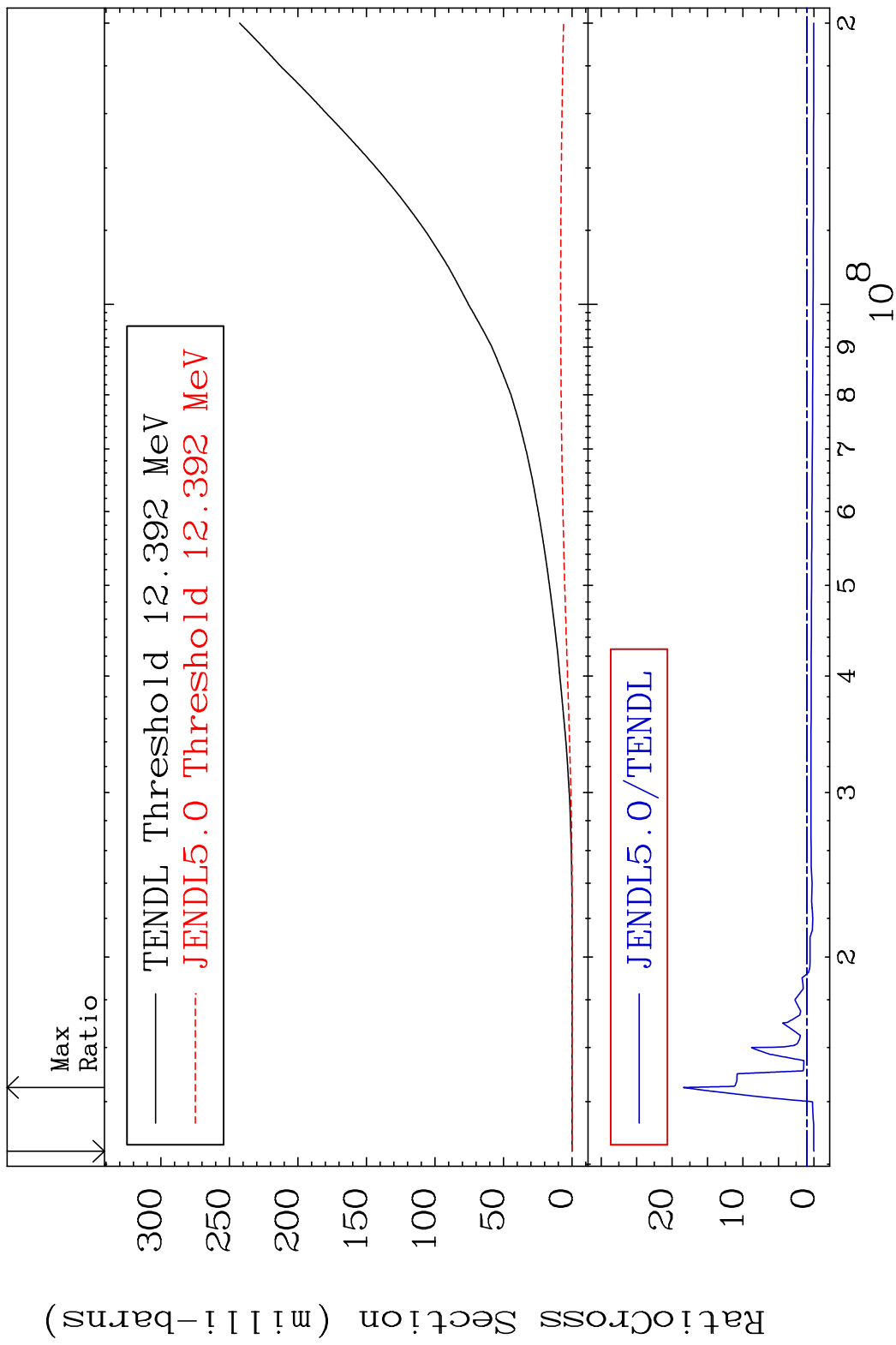


36

Incident Energy (eV)

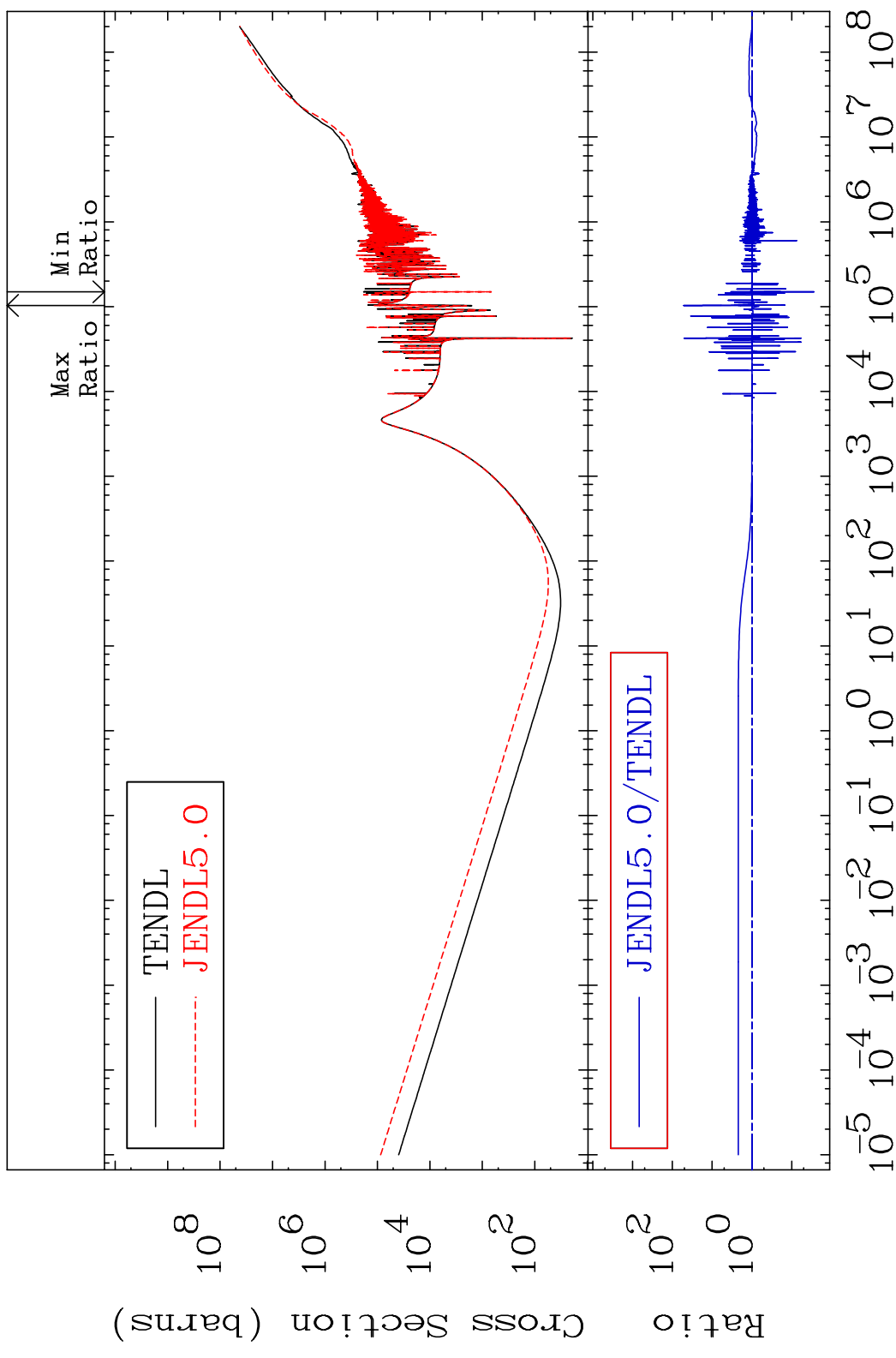
28-Ni-62

MAT 2837 He-3 Production 28-Ni-62
 Cross Section -100.0 To 1739. %



37 Incident Energy (eV) 28-Ni-62

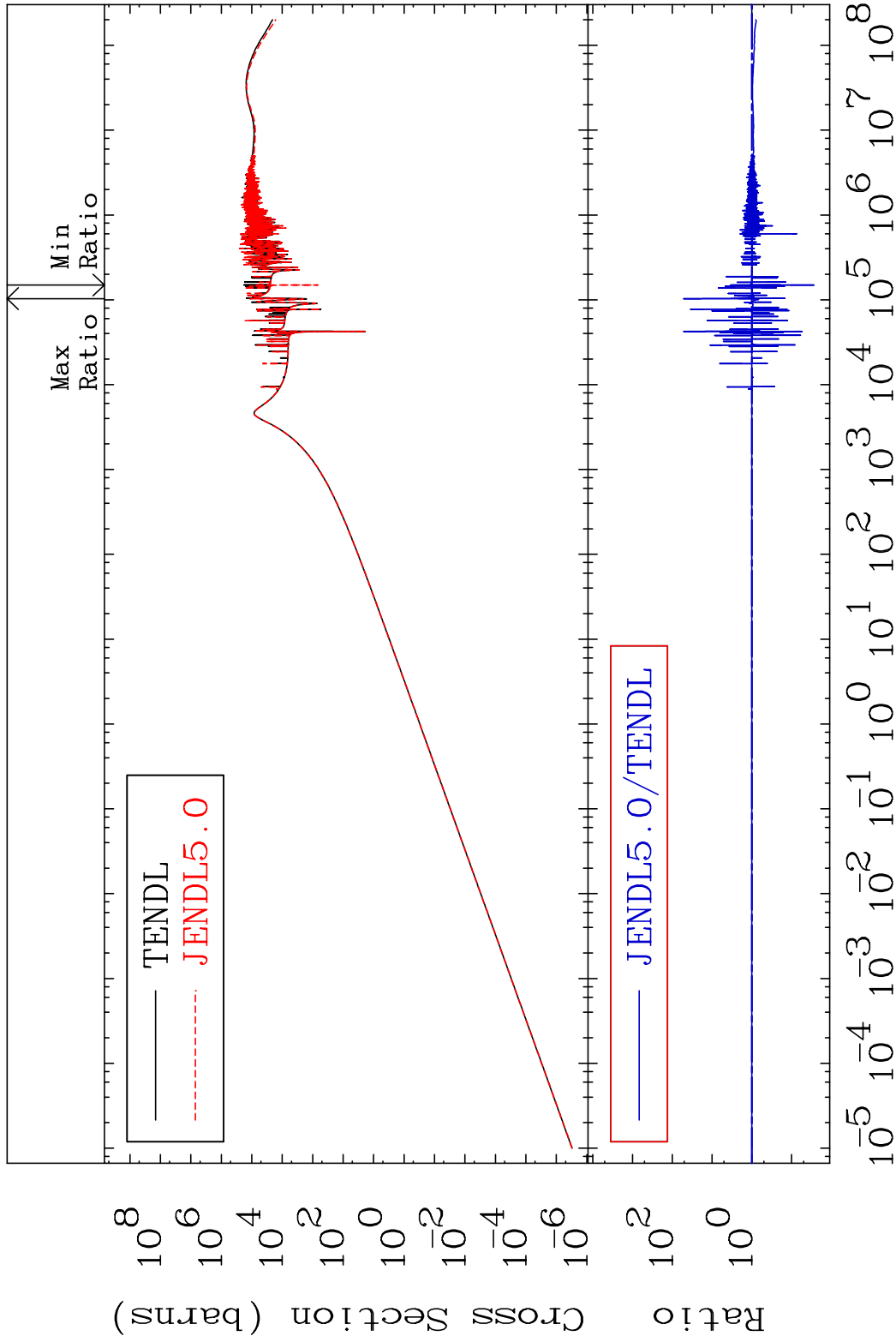
MAT 2837 Kerma total (eV-barns) 28-Ni-62
 Cross Section -97.23 To 5167. %



MAT 2837

Kerma elastic
Cross Section

28-Ni-62
-97.24 To 5131. %

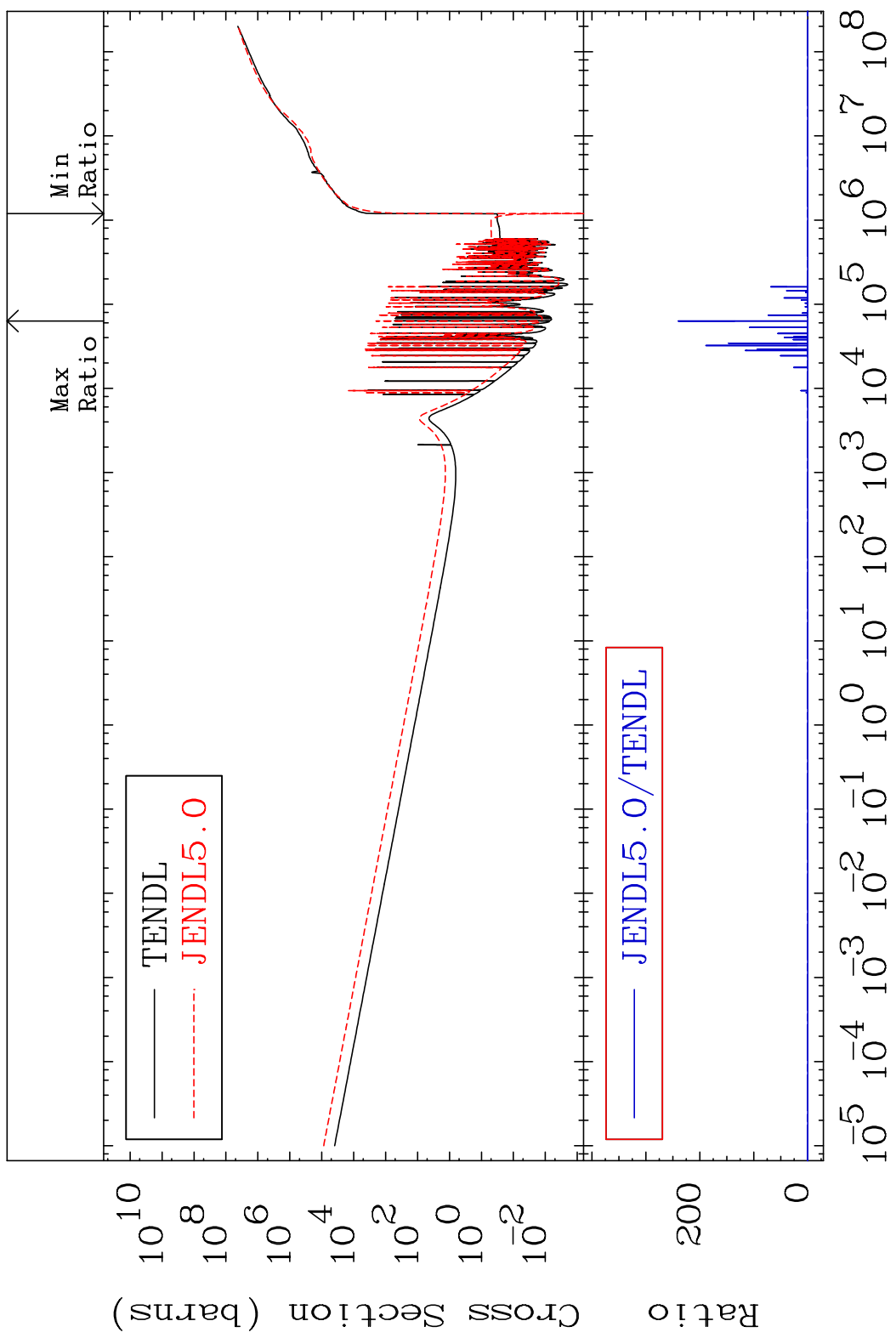


40

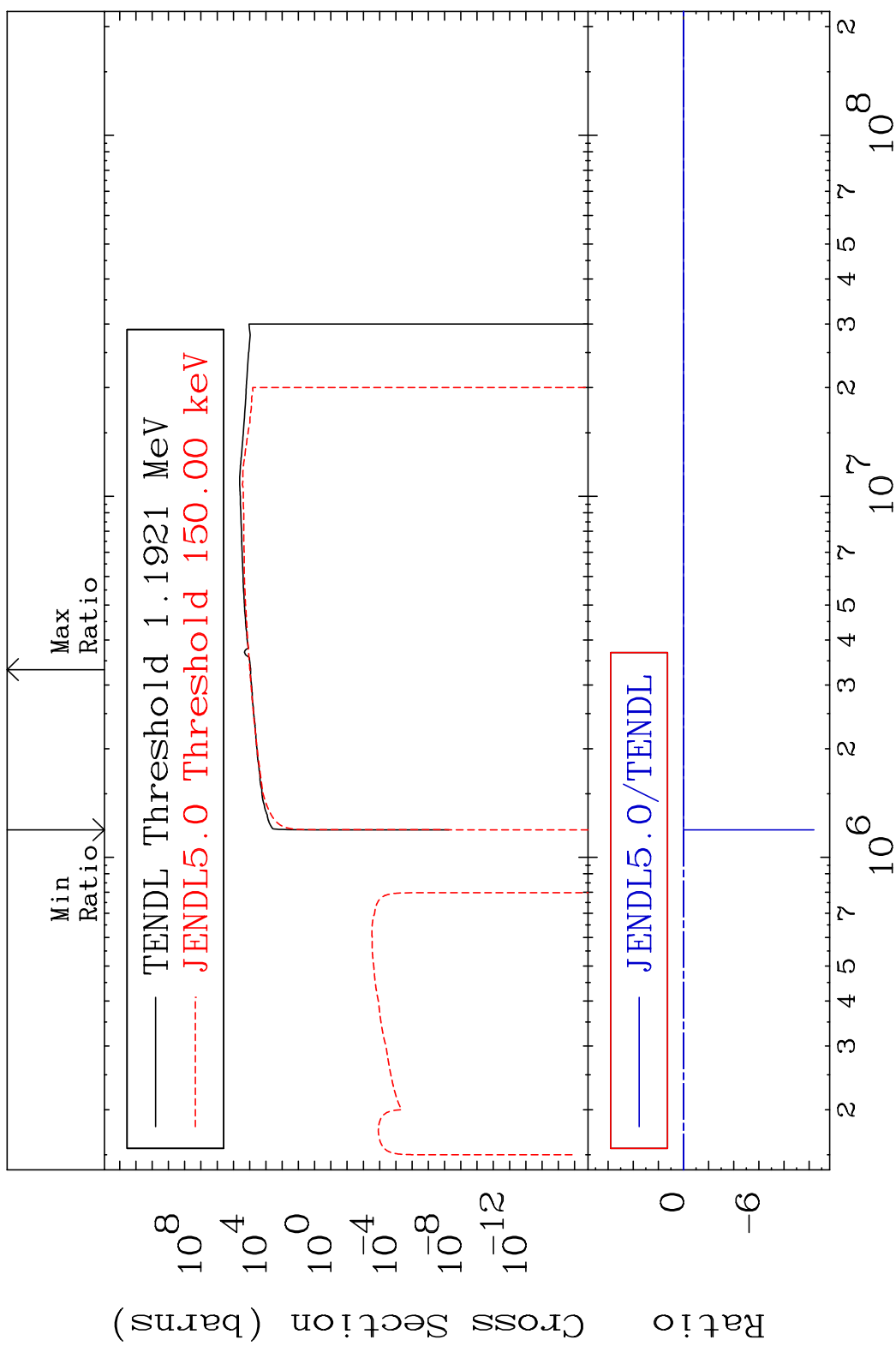
Incident Energy (eV)

28-Ni-62

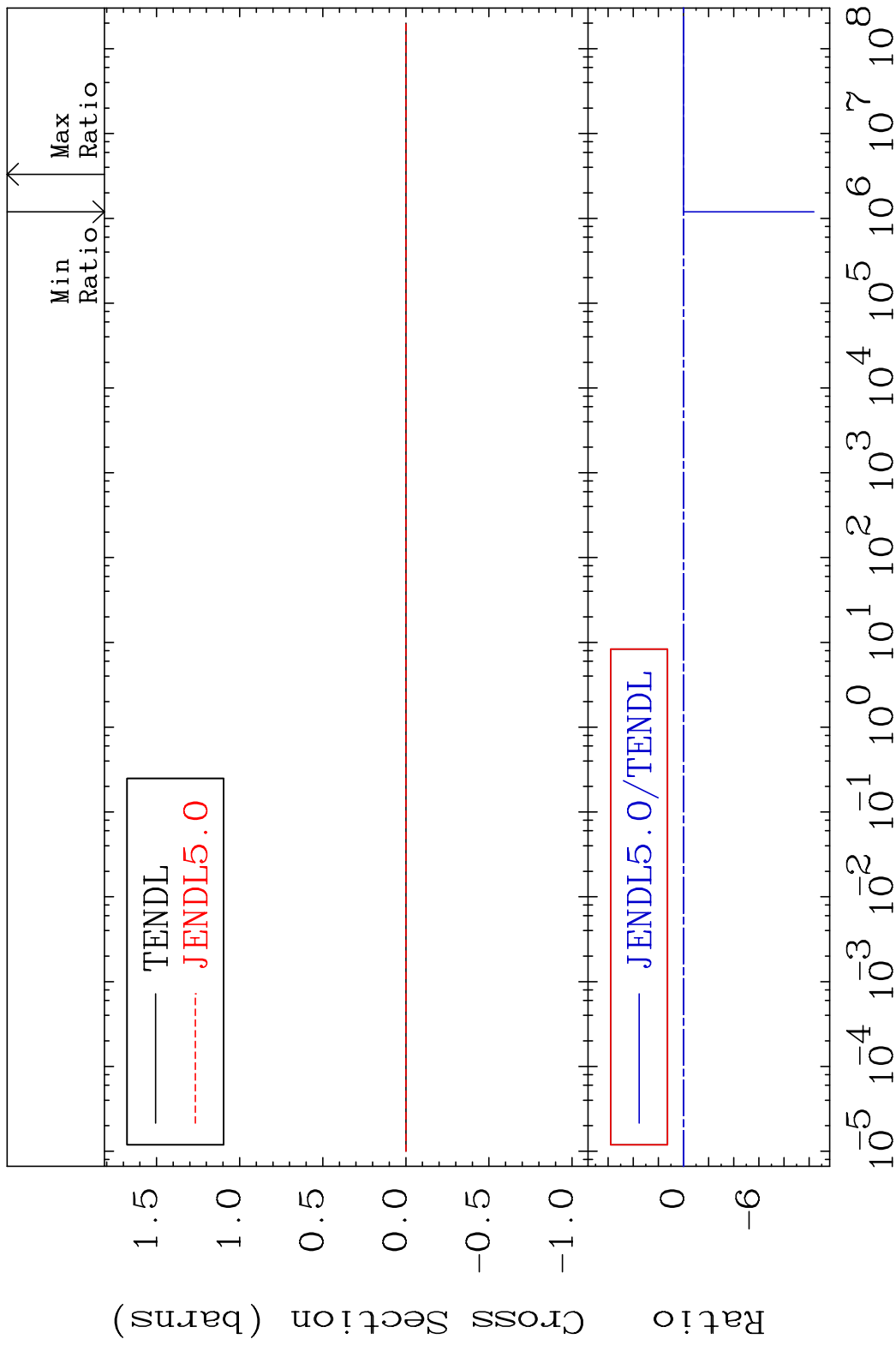
MAT 2837 Kerma non-elastic (all but mt2) 28-Ni-62
 Cross Section -100.2 To 9999. %



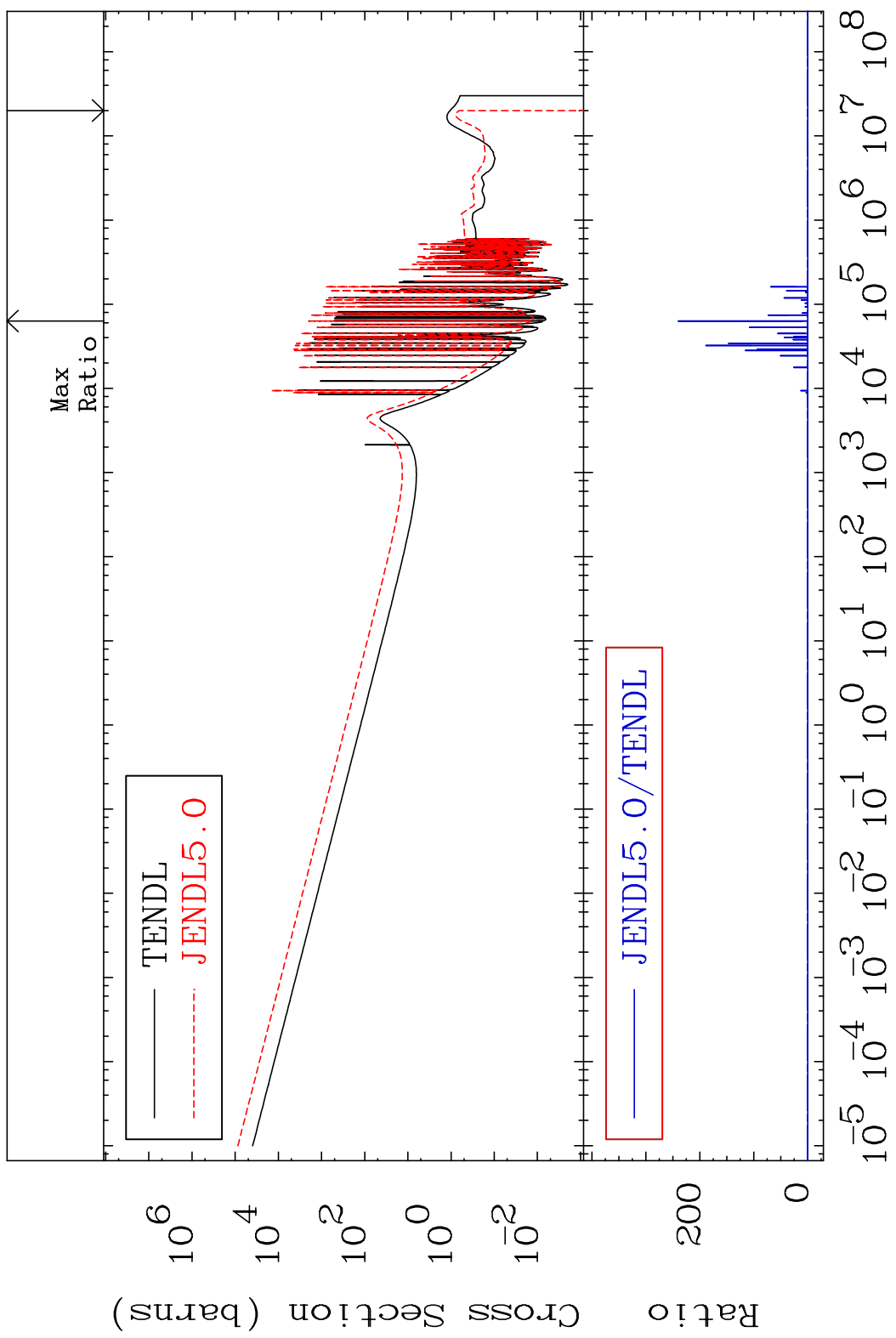
41 Incident Energy (eV) 28-Ni-62



MAT 2837 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-62
 Cross Section -9999. To 12.79 %

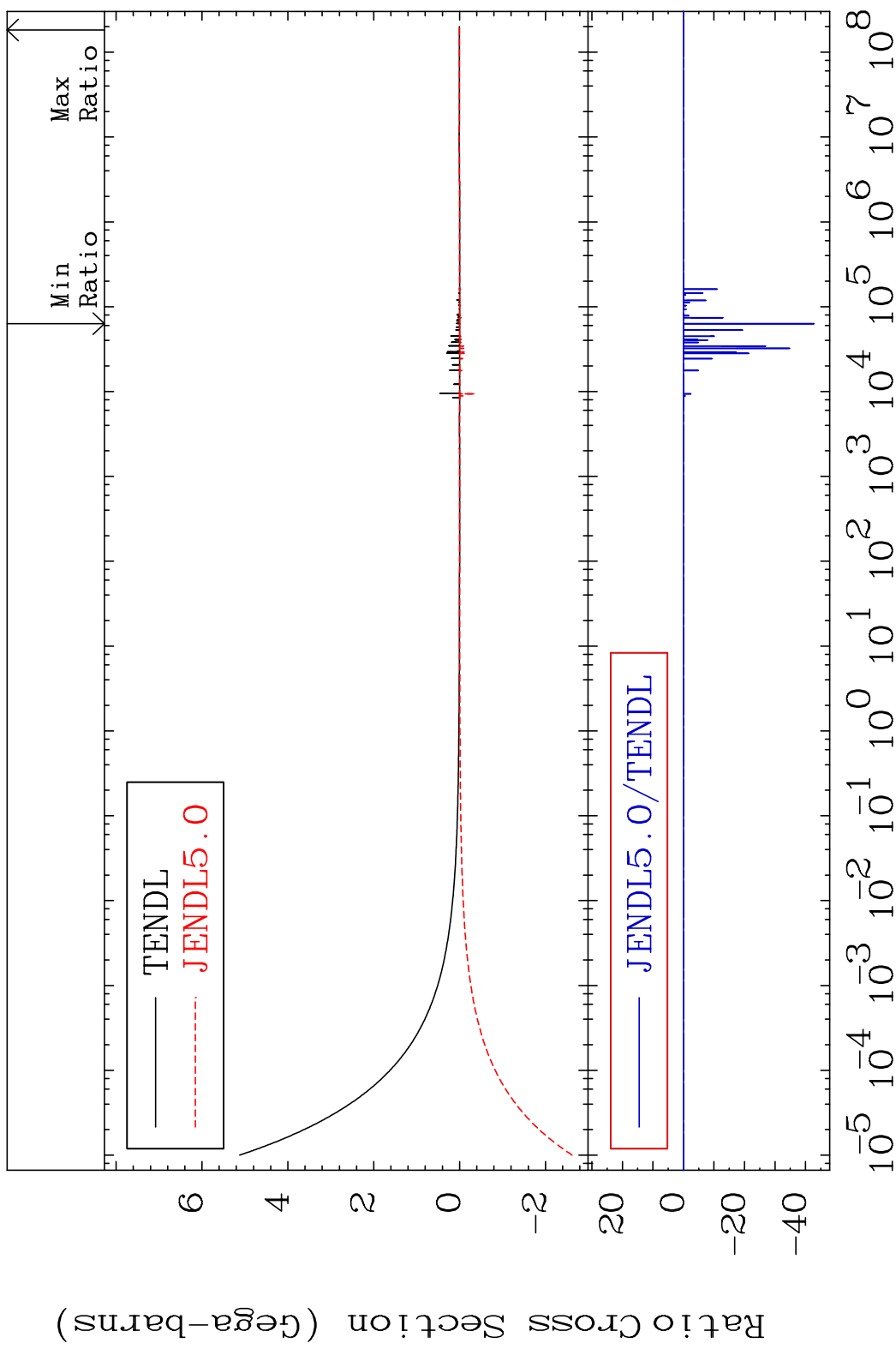


MAT 2837 Kerma capture (mt102) 28-Ni-62
Cross Section -100.0 To 9999. %



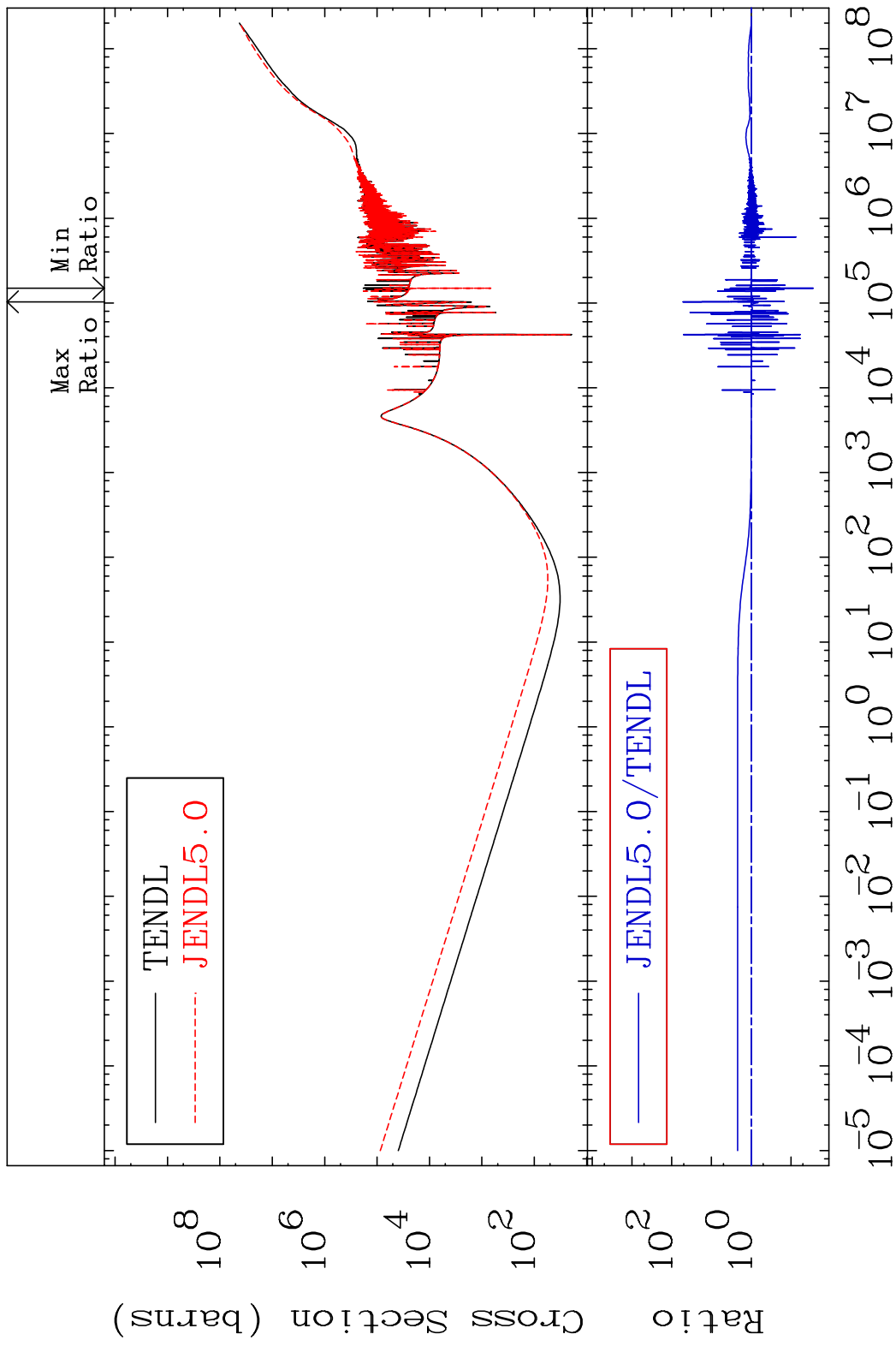
44 Incident Energy (eV) 28-Ni-62

MAT 2837 Total photon (eV-barns) 28-Ni-62
Cross Section -9999. To 97.24 %

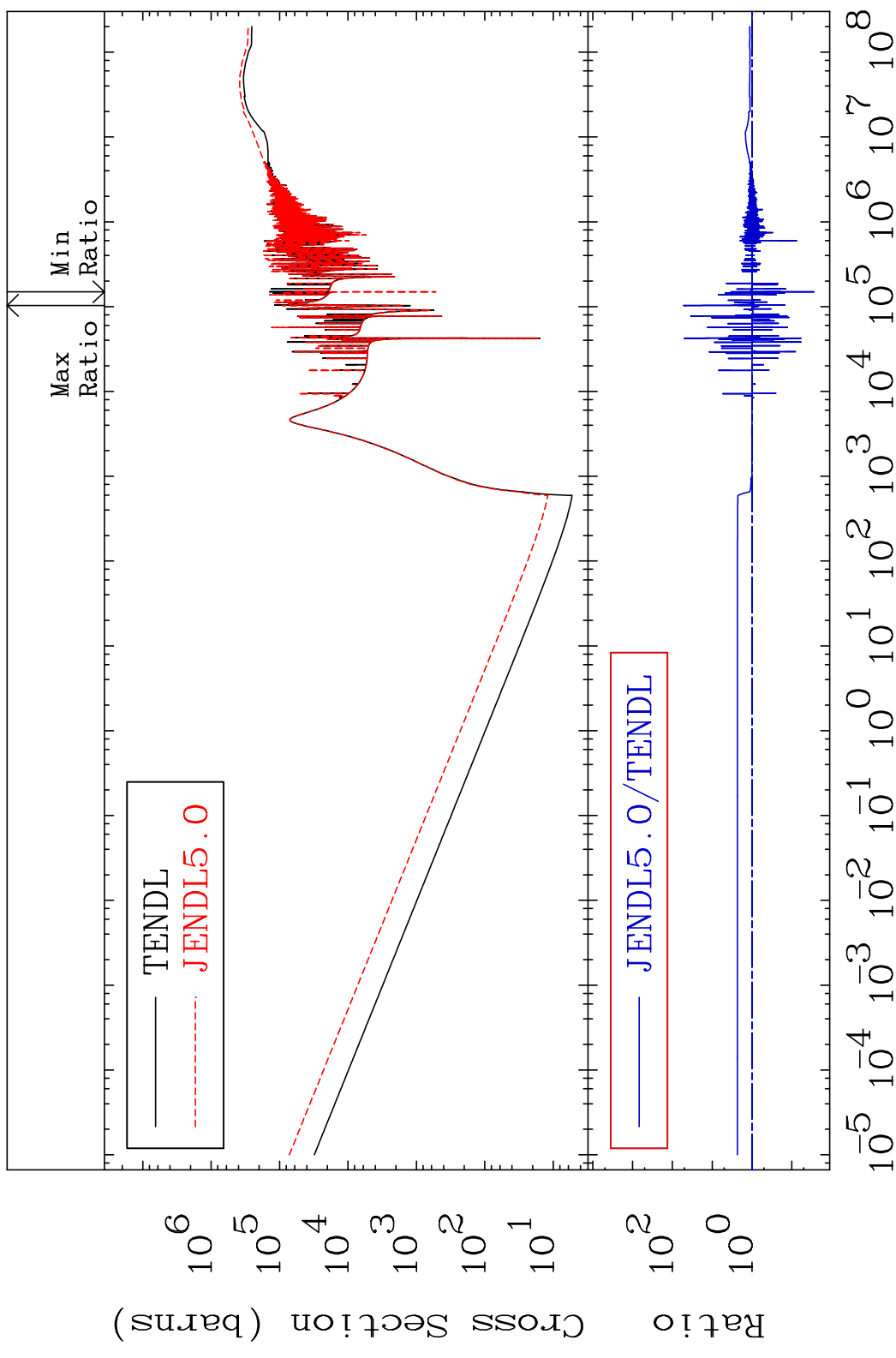


45 Incident Energy (eV) 28-Ni-62

MAT 2837 Total kinematic kerma (high limit) 28-Ni-62
 Cross Section -97.23 To 5167. %

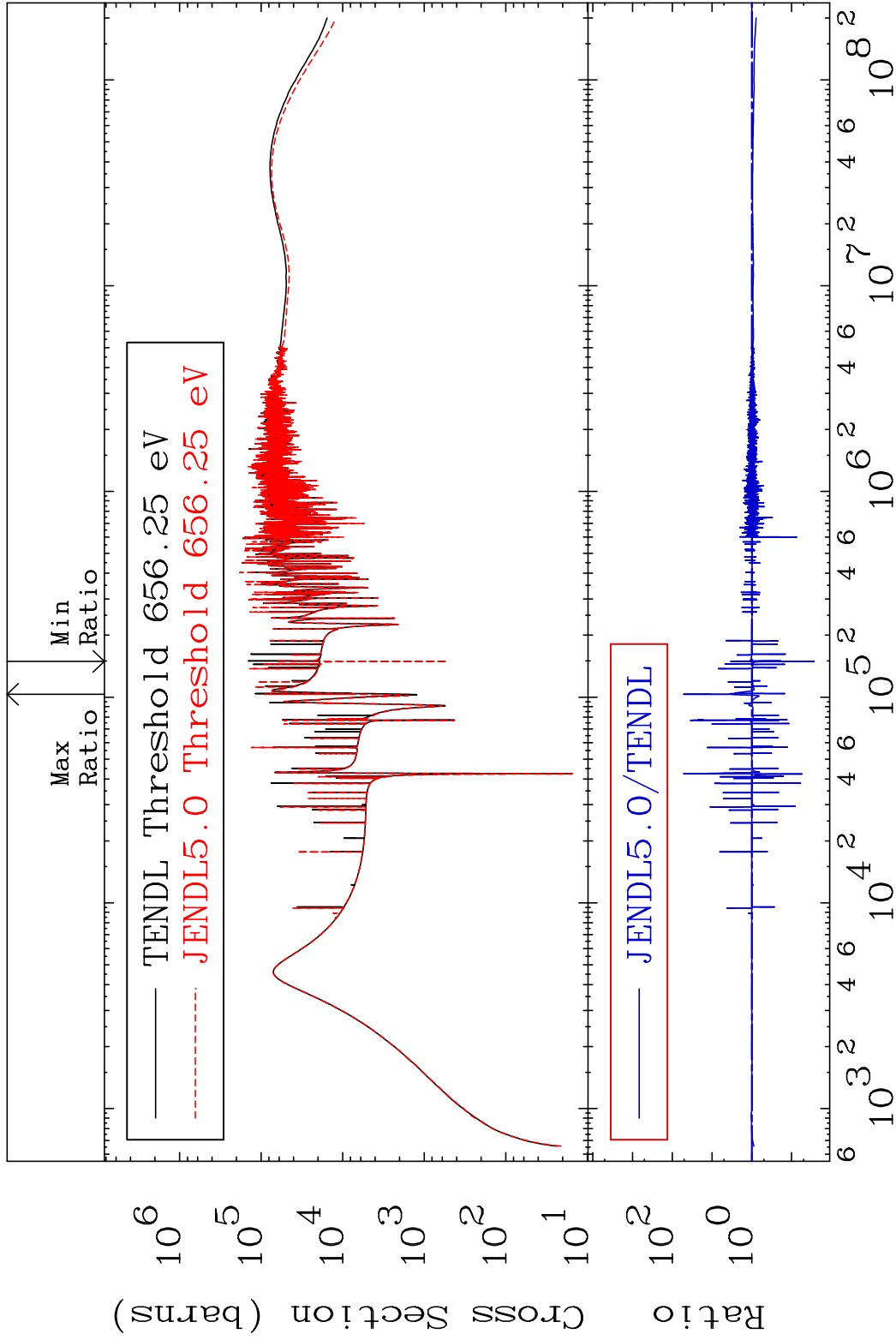


MAT 2837 Dpa total (eV-barns) 28-Ni-62
 Cross Section -97.23 To 5169. %



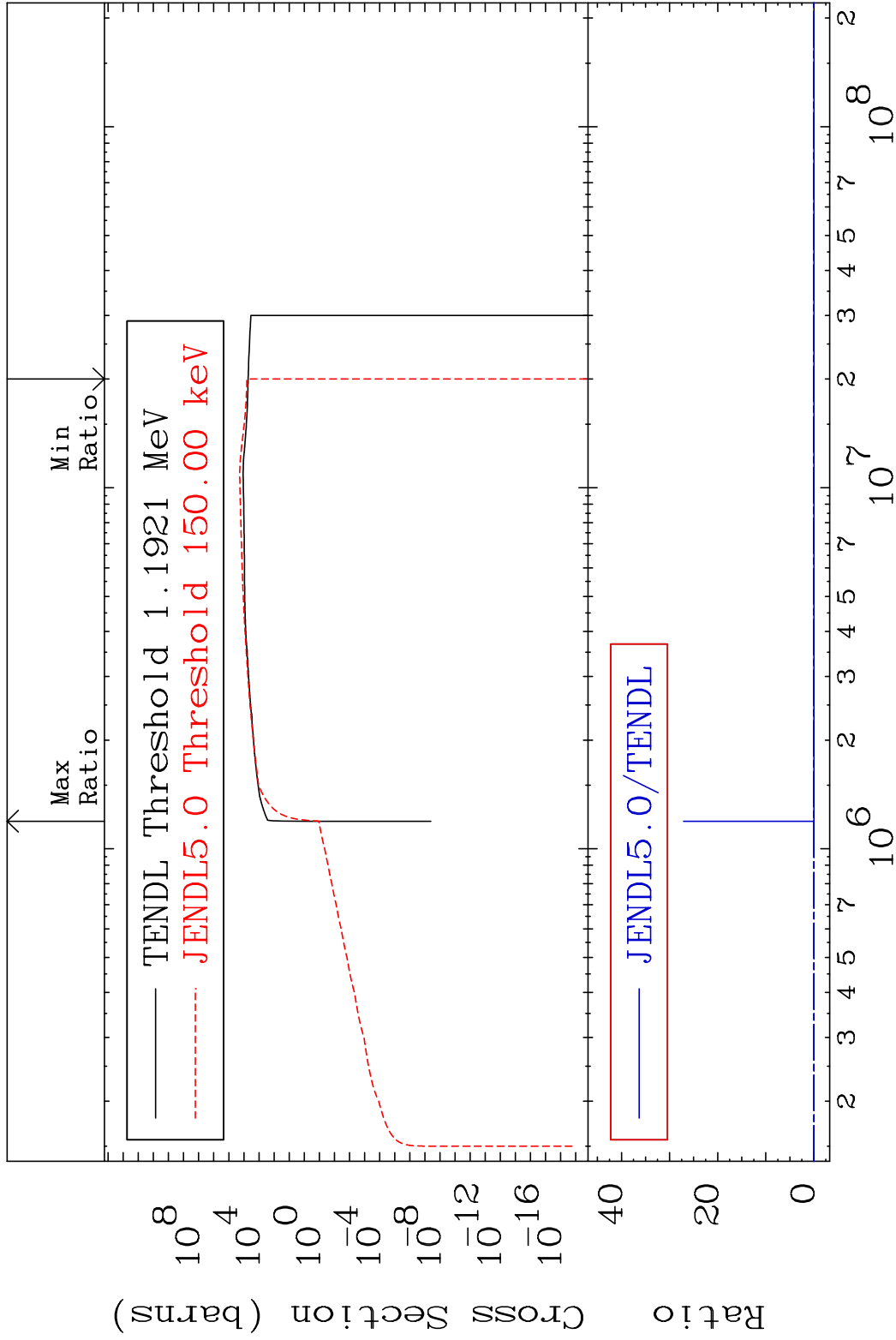
47 Incident Energy (eV) 28-Ni-62

MAT 2837 Dpa elastic (mt2) 28-Ni-62
 Cross Section -97.24 To 5132. %



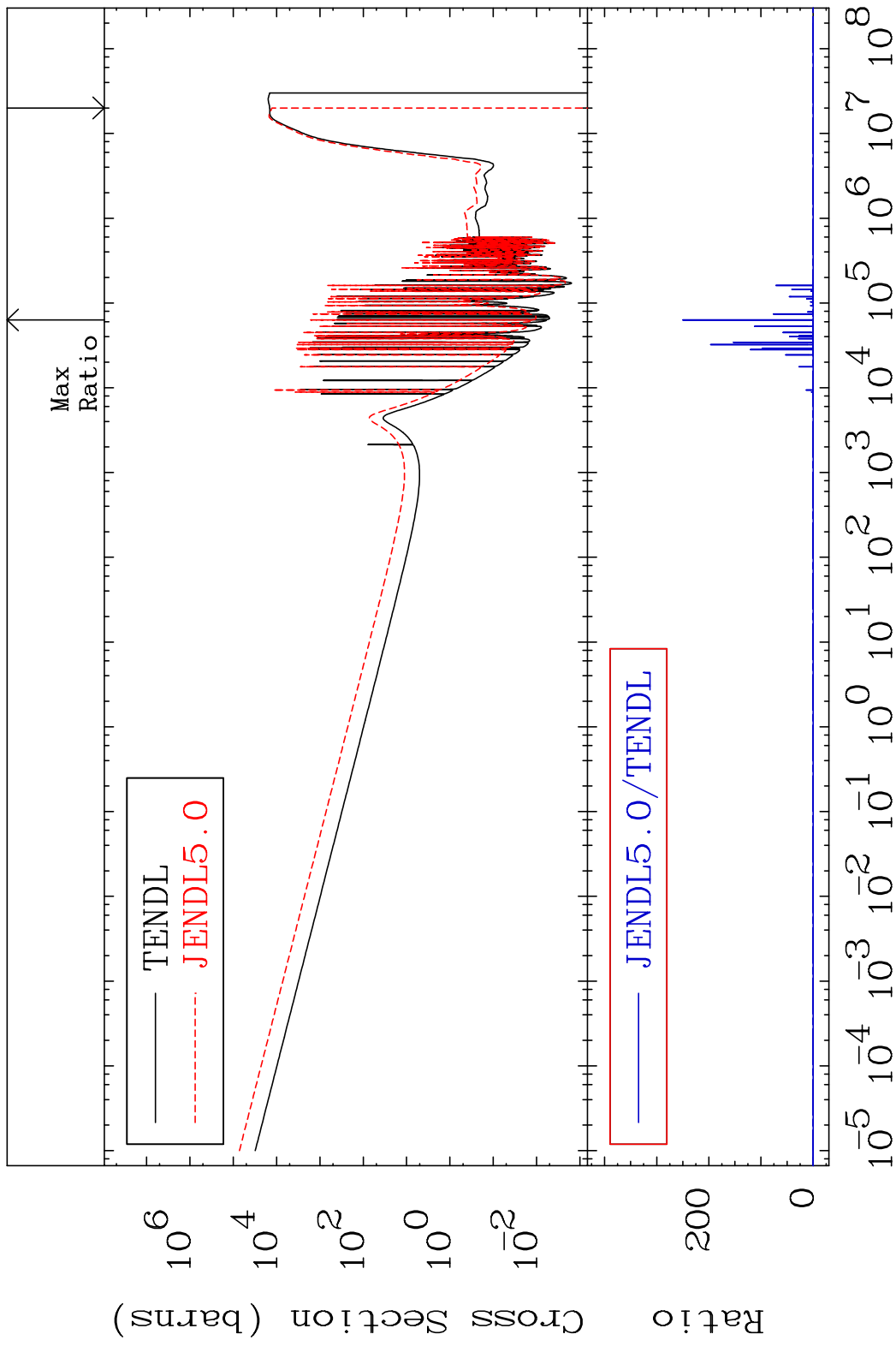
48 Incident Energy (eV) 28-Ni-62

MAT 2837 Dpa inelastic (mt51-91) 28-Ni-62
 Cross Section -100.0 To 9999. %



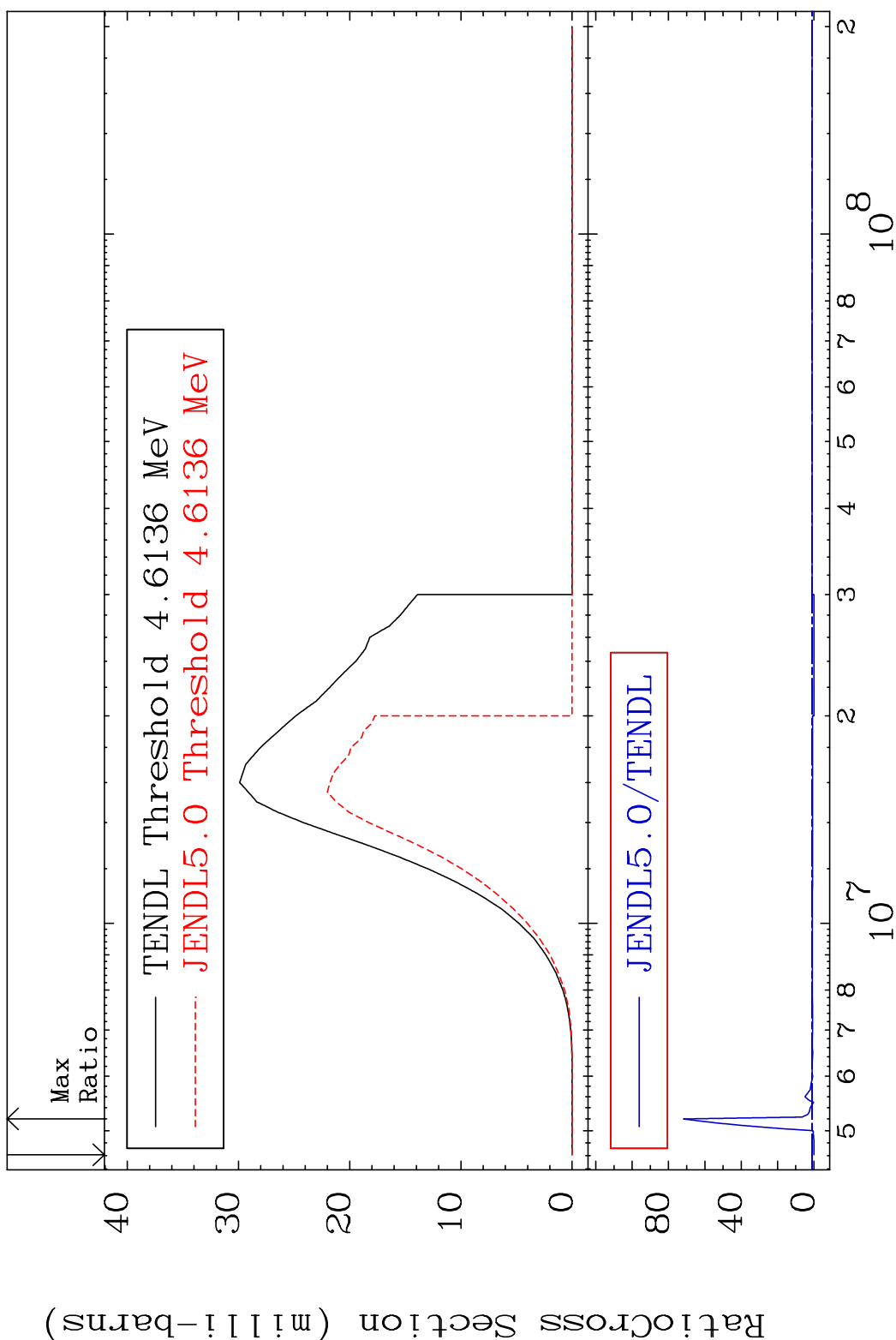
49 Incident Energy (eV) 28-Ni-62

MAT 2837 Dpa disappearance (mt102 -120) 28-Ni-62
Cross Section -100.0 To 9999. %

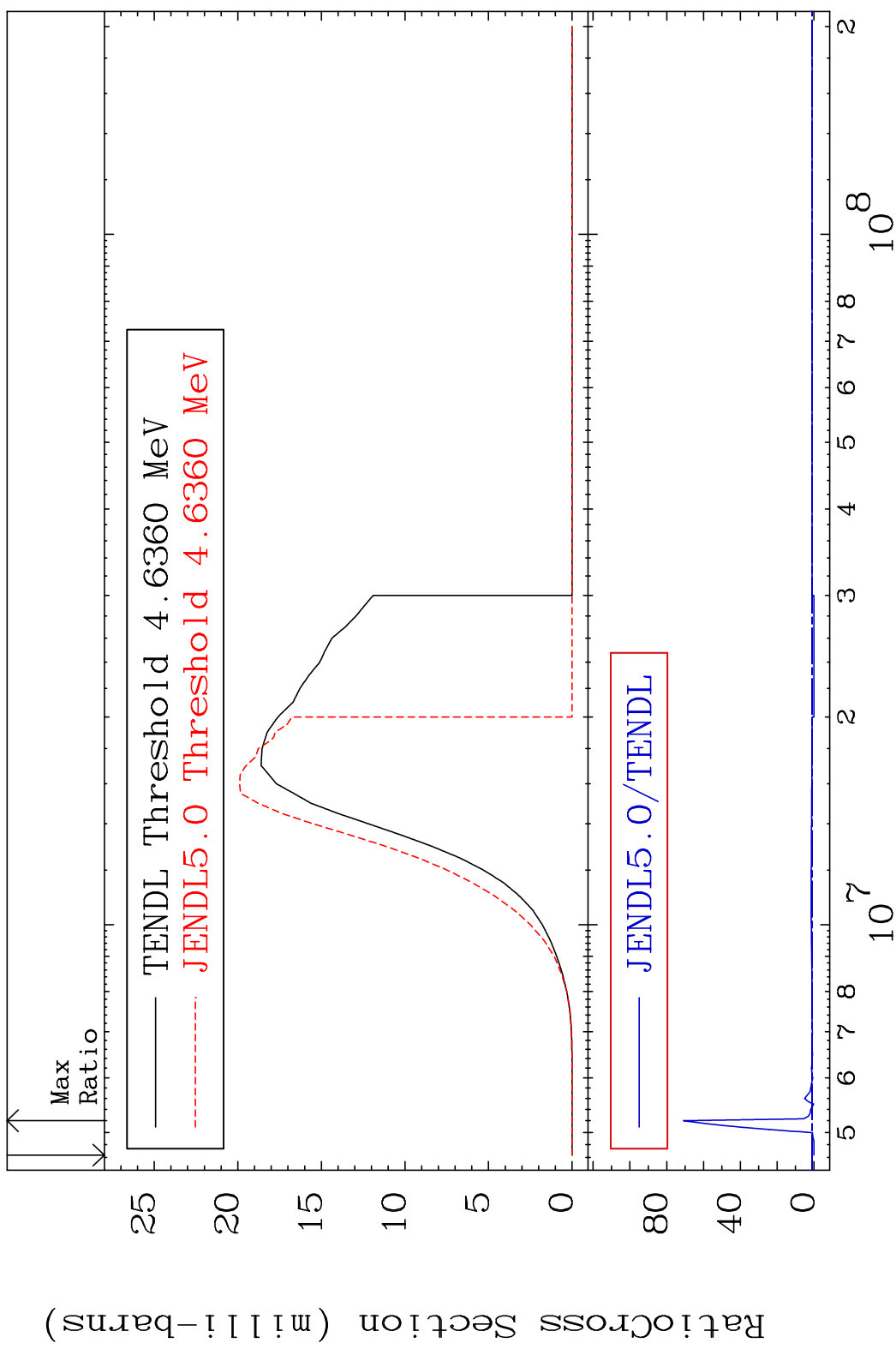


50 Incident Energy (eV) 28-Ni-62

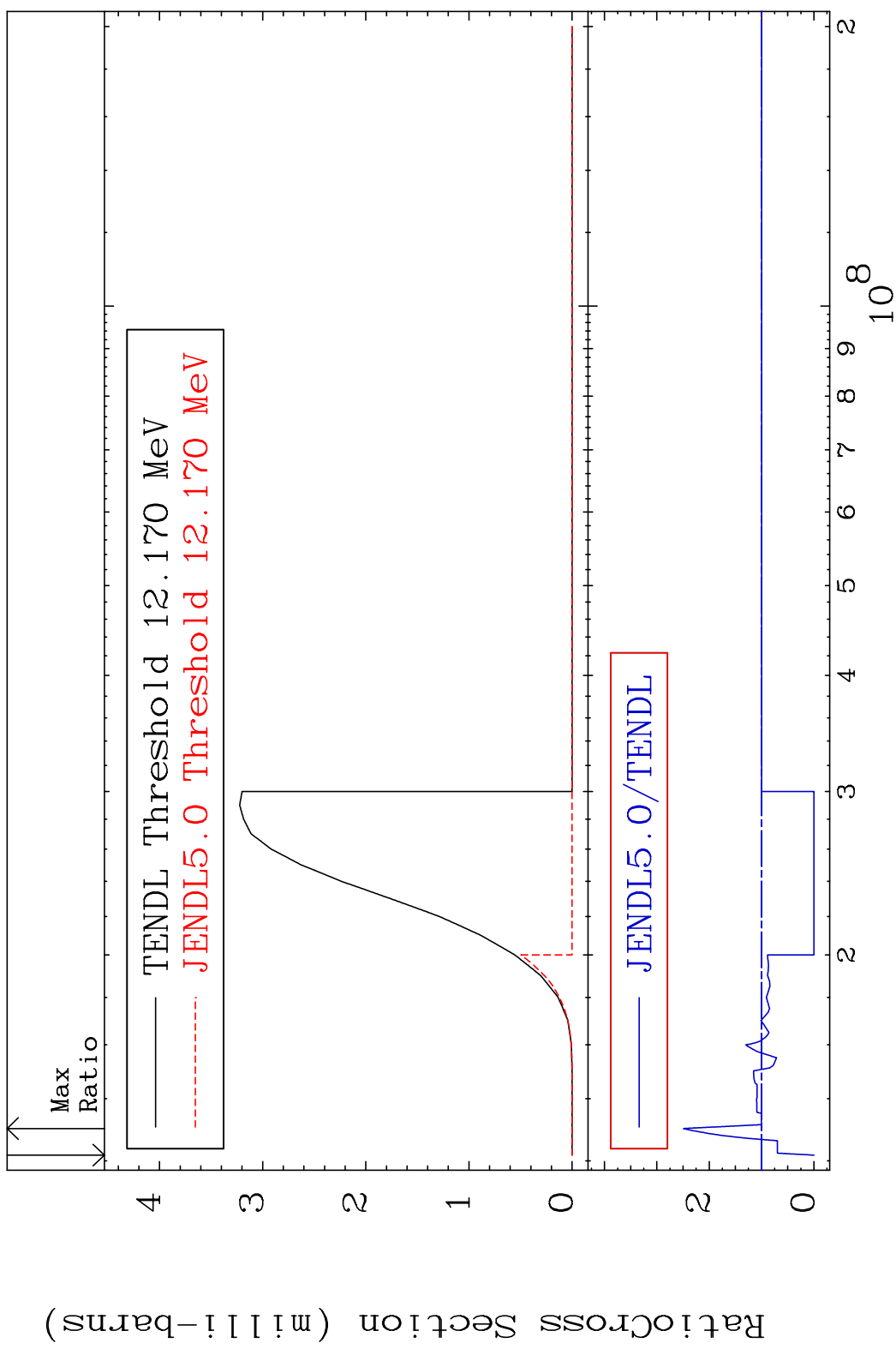
MAT 2837 (n,p):27-Co-62g 28-Ni-62
 Radionuclide Production Cross Section 180000 dth 7078. %

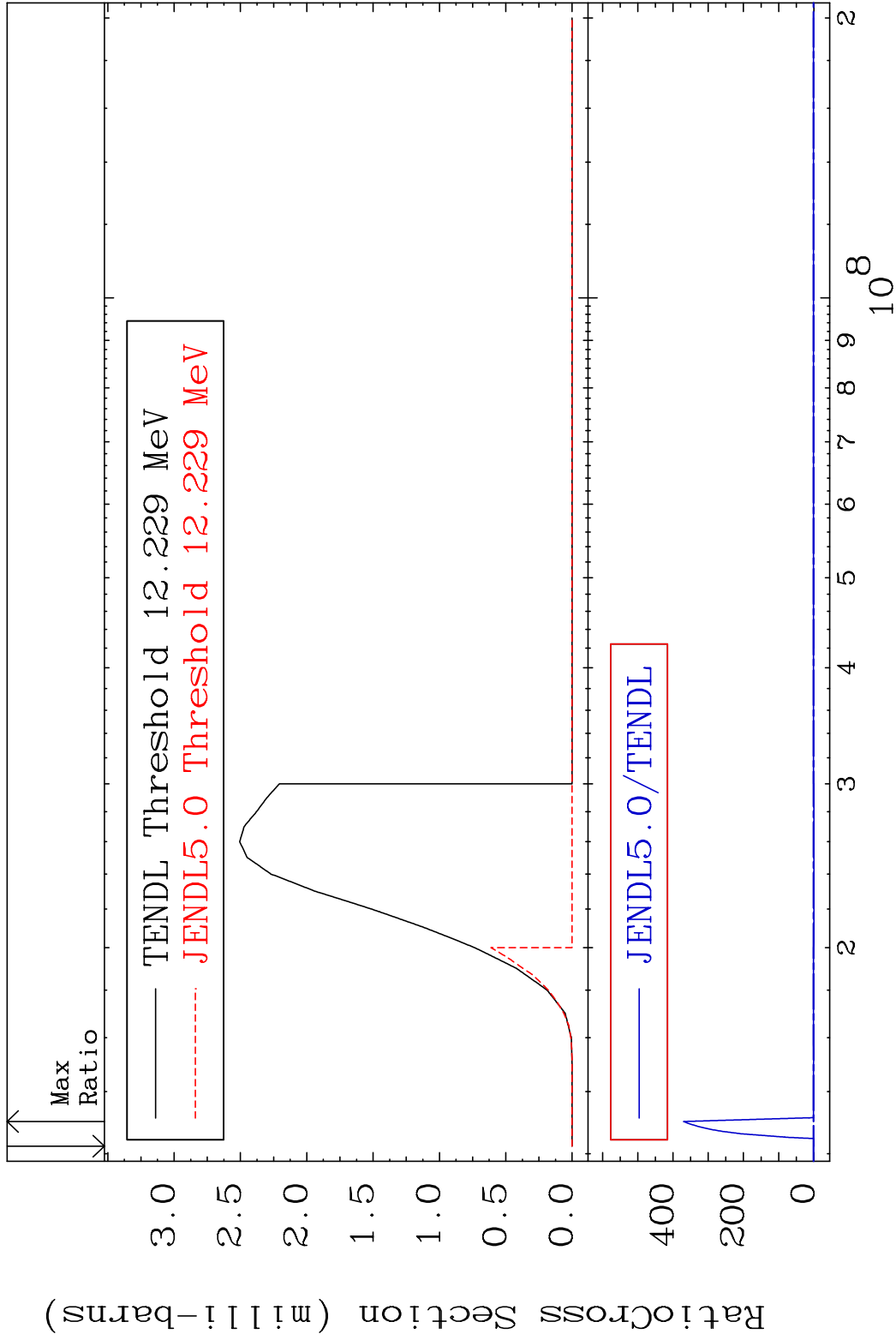


MAT 2837 (n,p):27-Co-62m1 28-Ni-62
 Radionuclide Production Cross Section 180000 dtd 6990. %

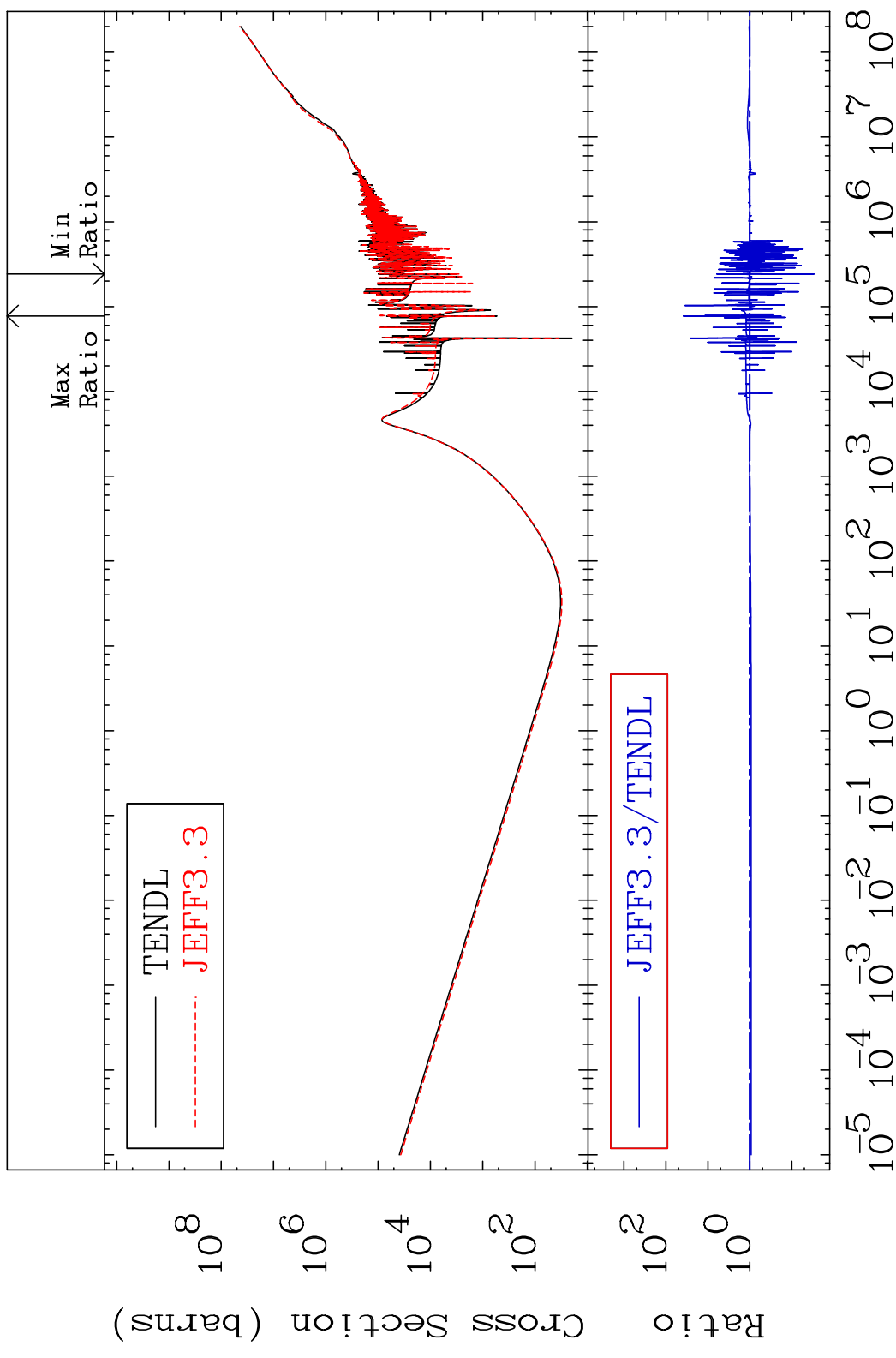


MAT 2837 (n, t): 27-Co-60g 28-Ni-62
 Radionuclide Production Cross Section 180000 dpo 149.2 %





MAT 2837 Kerma total (eV-barns) 28-Ni-62
 Cross Section -97.03 To 3720. %

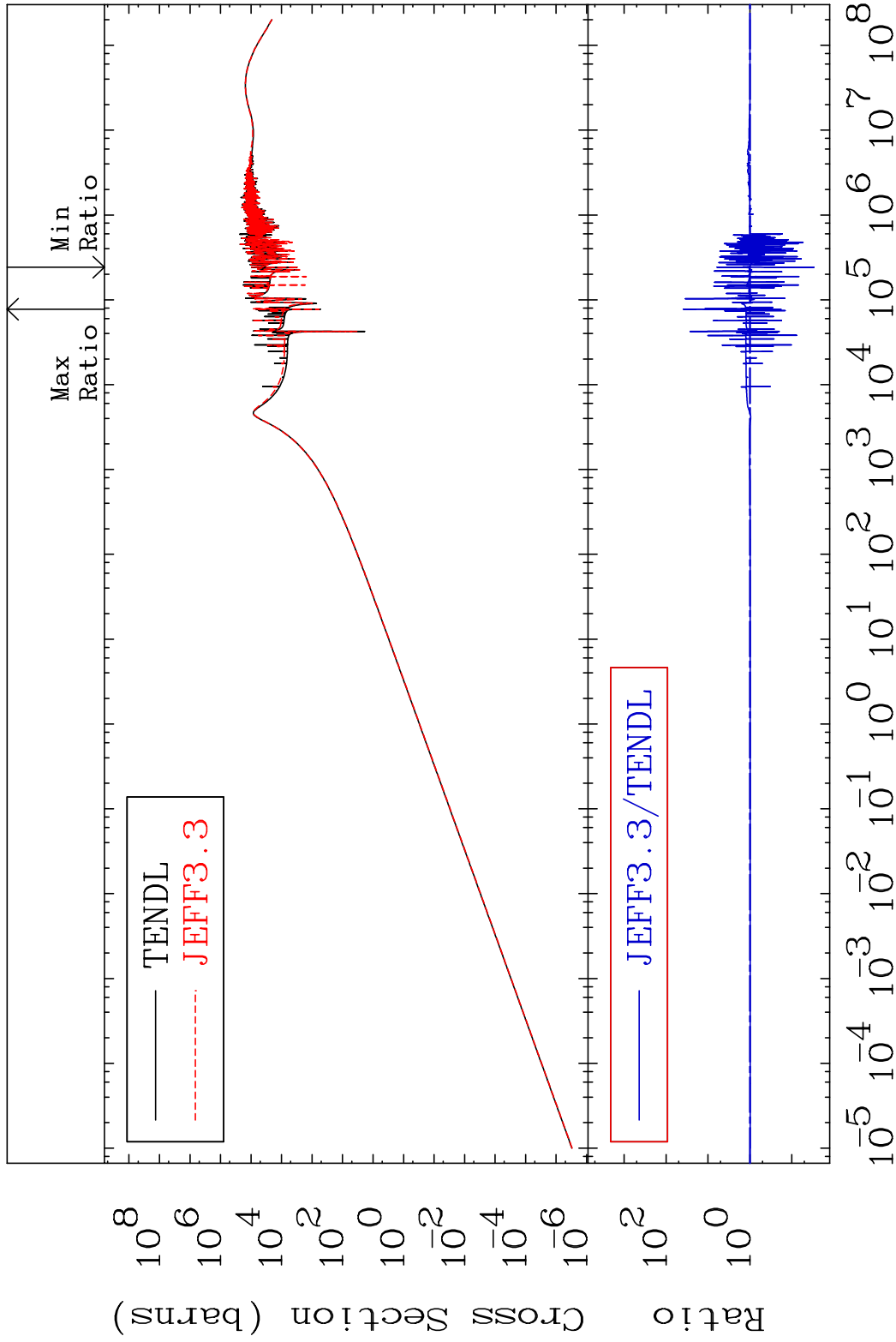


55 Incident Energy (eV) 28-Ni-62

MAT 2837

Kerma elastic
Cross Section

28-Ni-62
-97.03 To 3738. %

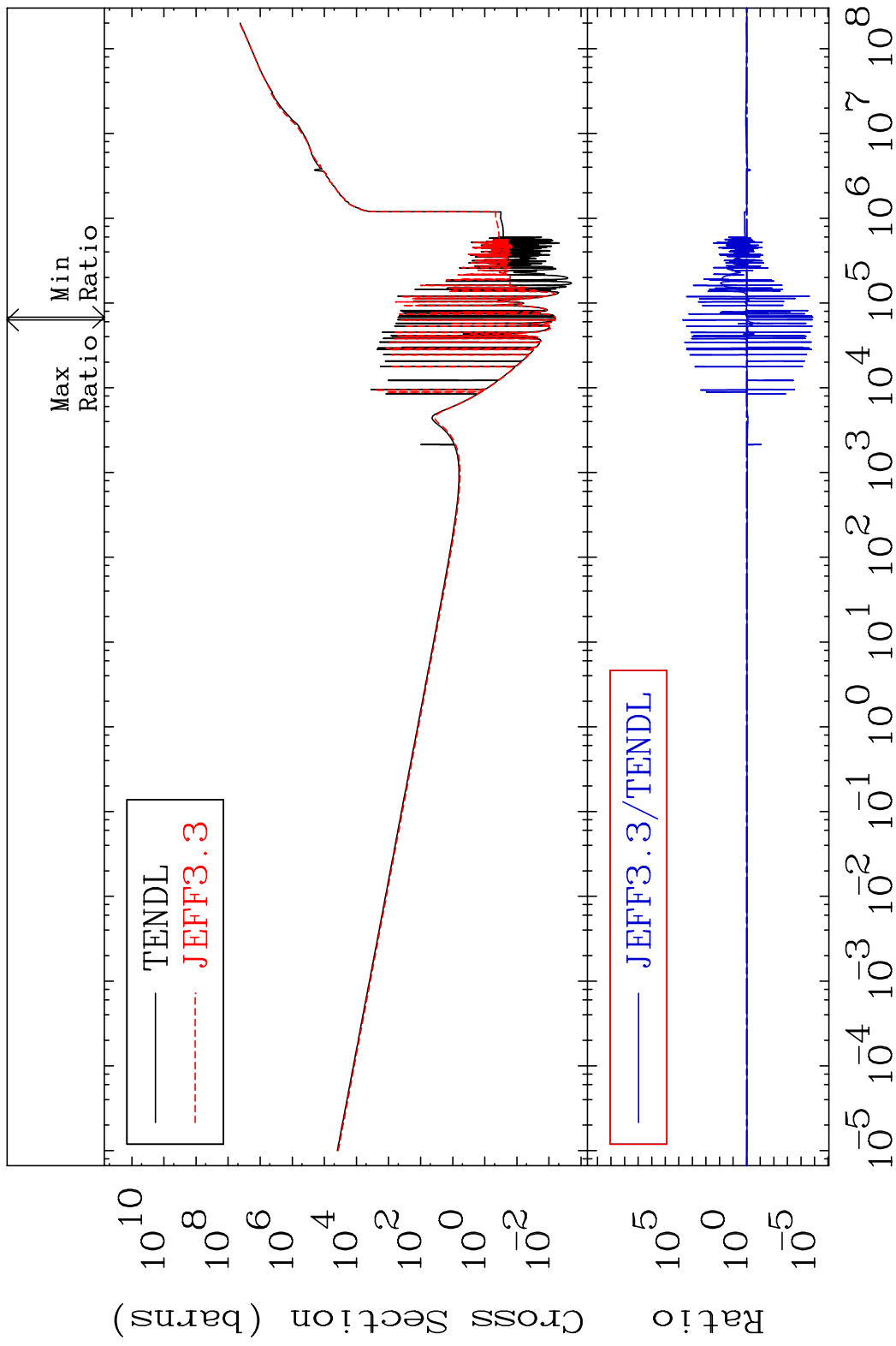


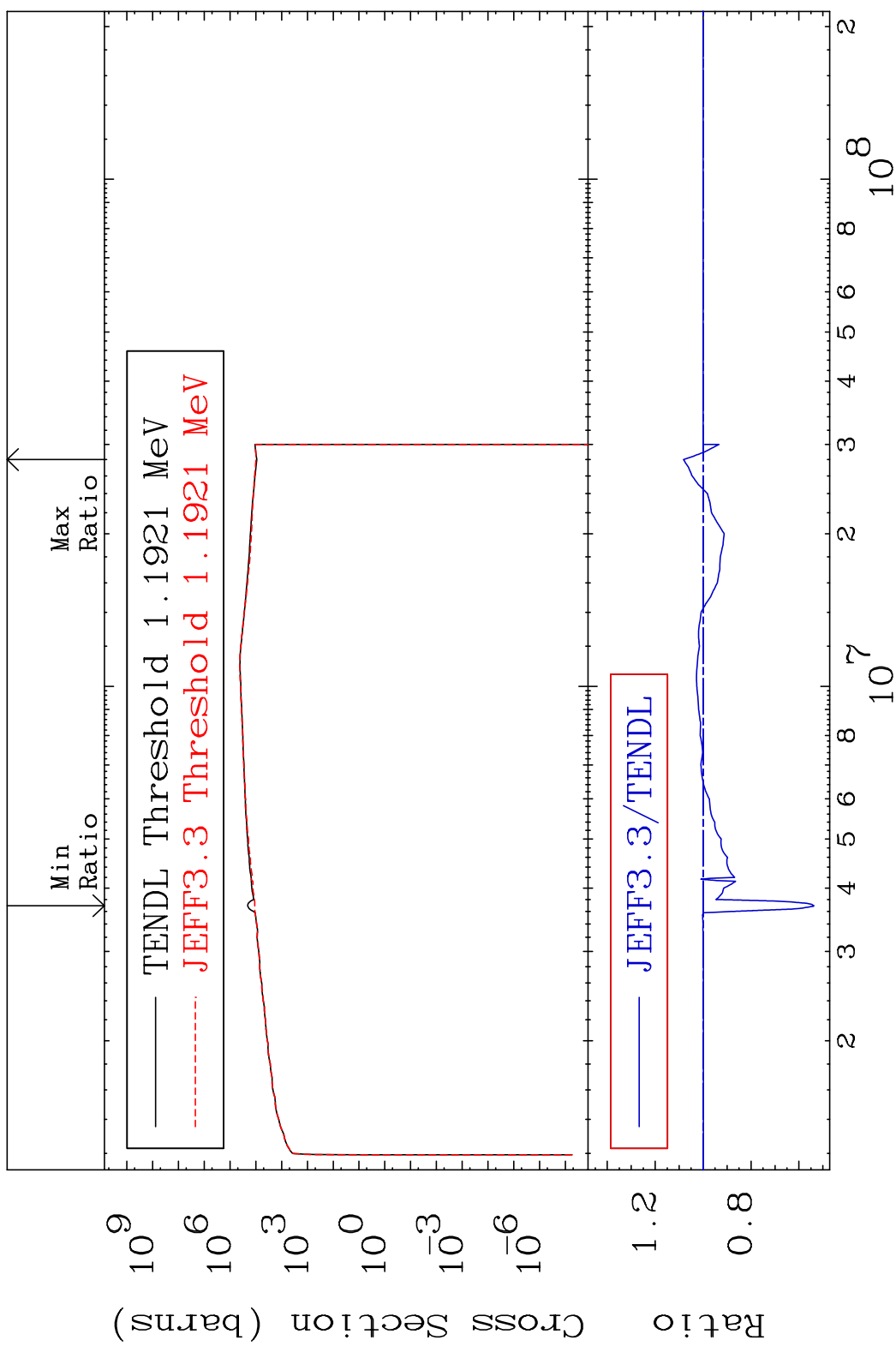
56

Incident Energy (eV)

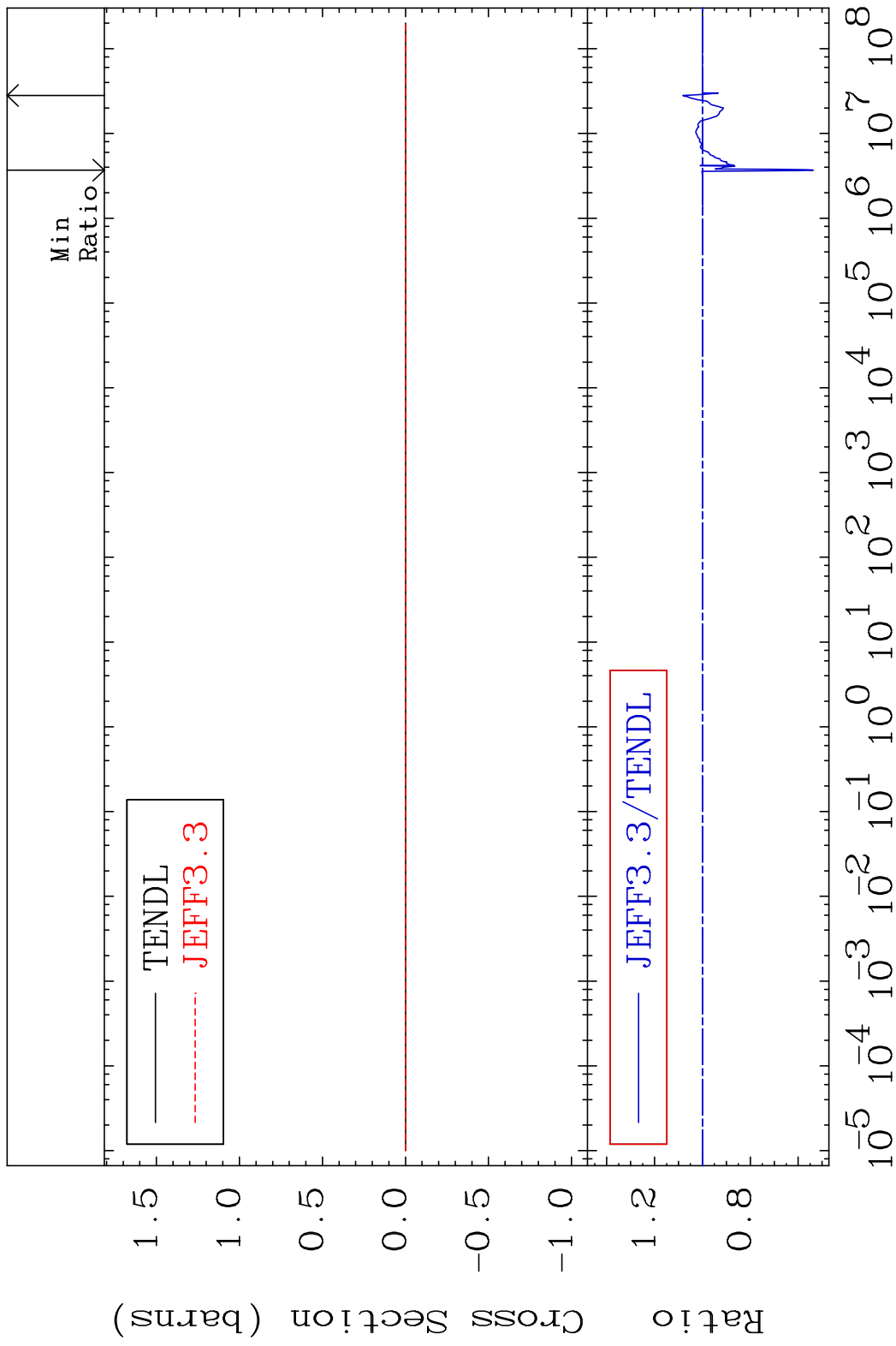
28-Ni-62

MAT 2837 Kerma non-elastic (all but mt2) 28-Ni-62
 Cross Section -100.0 To 9999. %

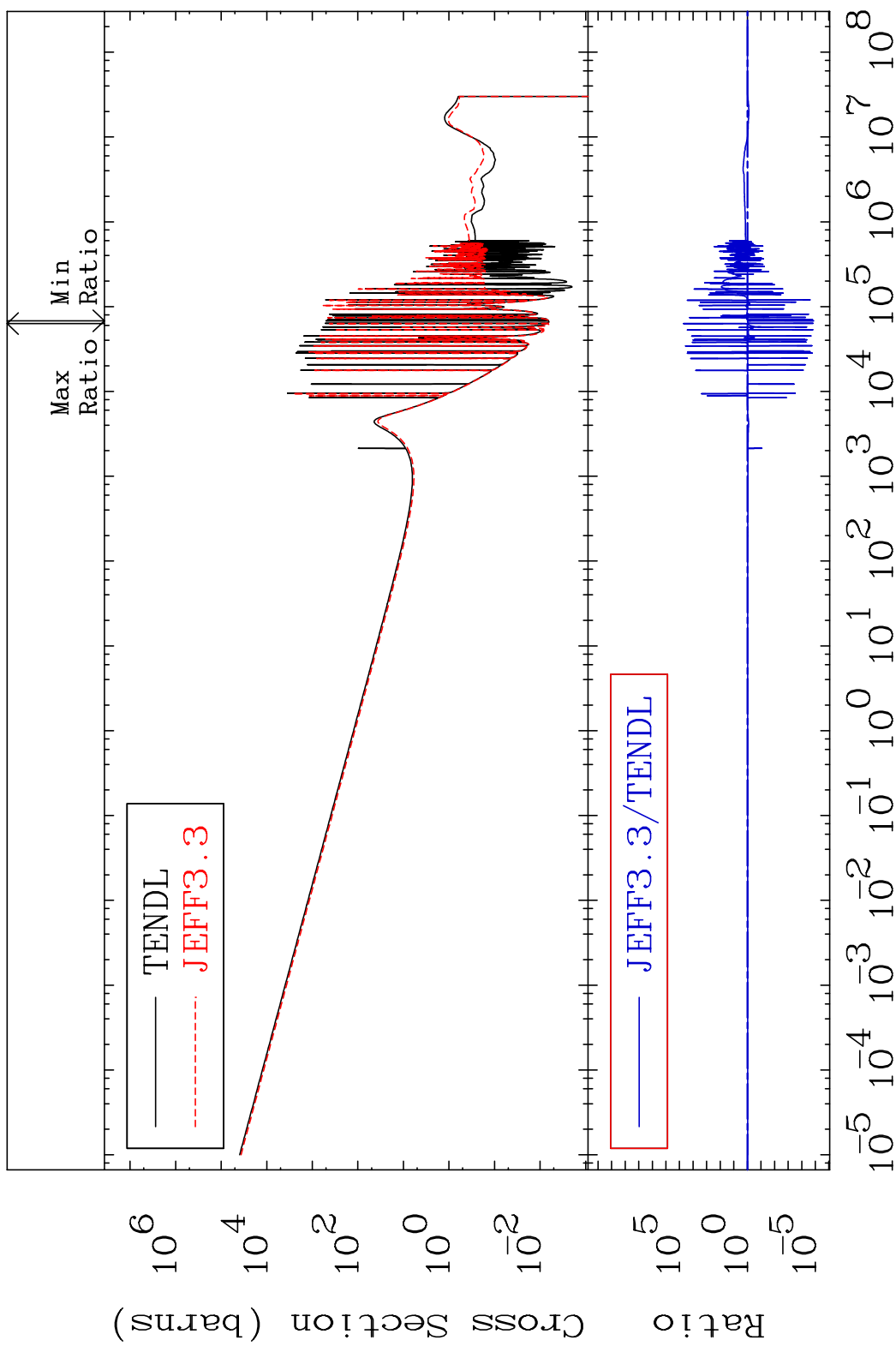




MAT 2837 Kerma fission (mt18 or mt19-20-21-38) 28-Ni-62
 Cross Section -46.23 To 8.208 %

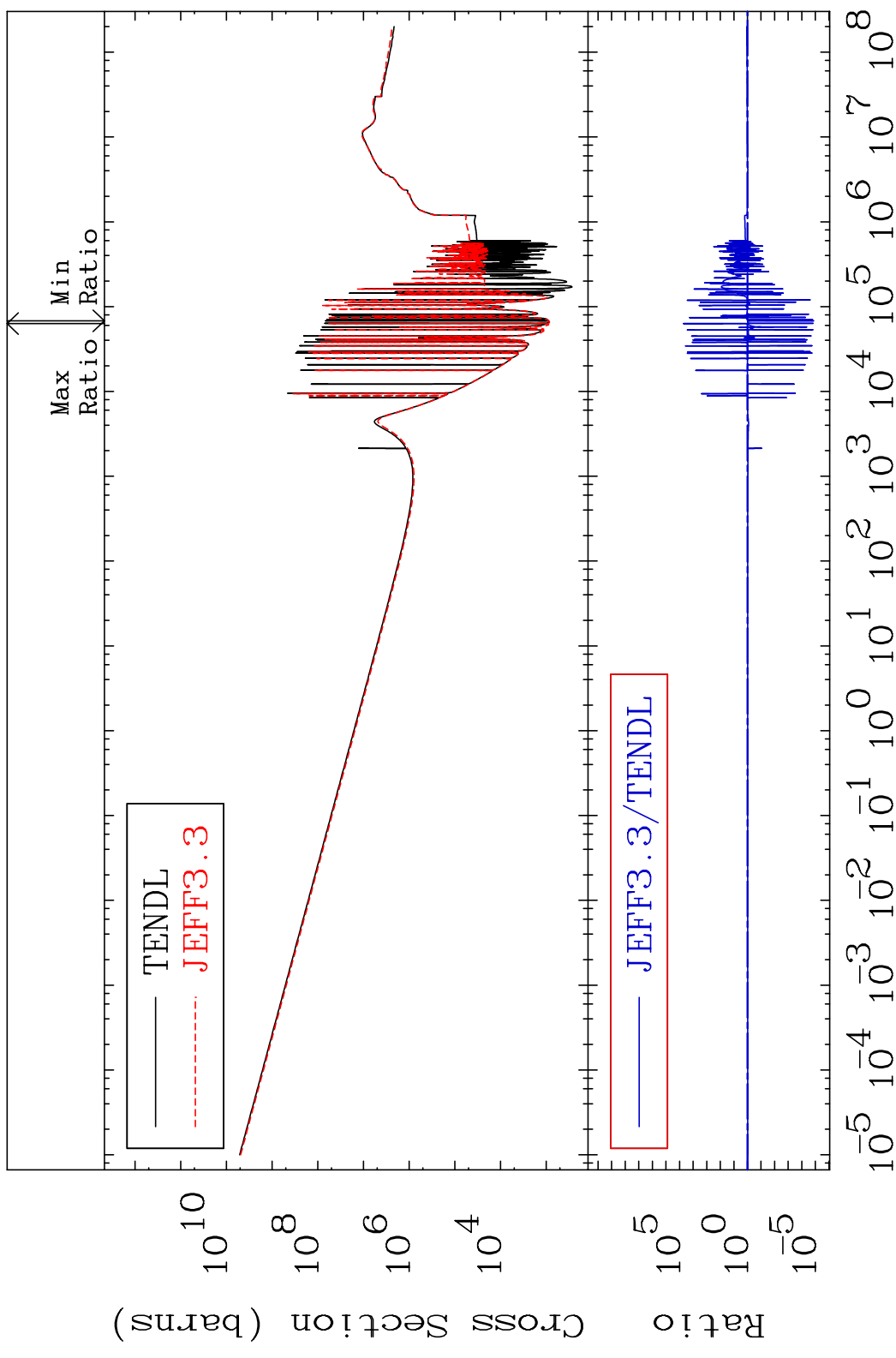


MAT 2837 Kerma capture (mt102) 28-Ni-62
 Cross Section -100.0 To 9999. %



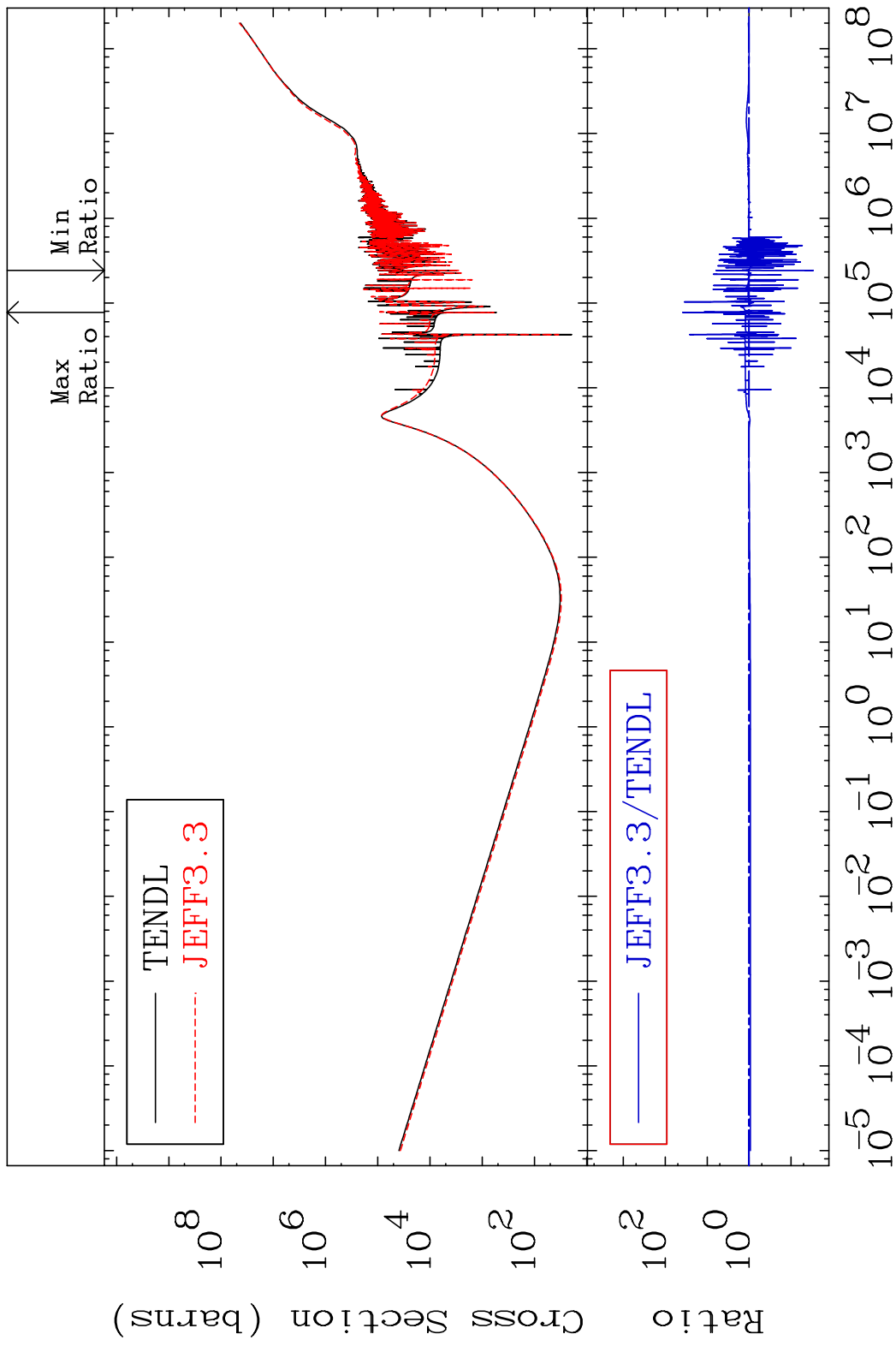
60 Incident Energy (eV) 28-Ni-62

MAT 2837 Total photon (eV-barns) 28-Ni-62
 Cross Section -100.0 To 9999. %



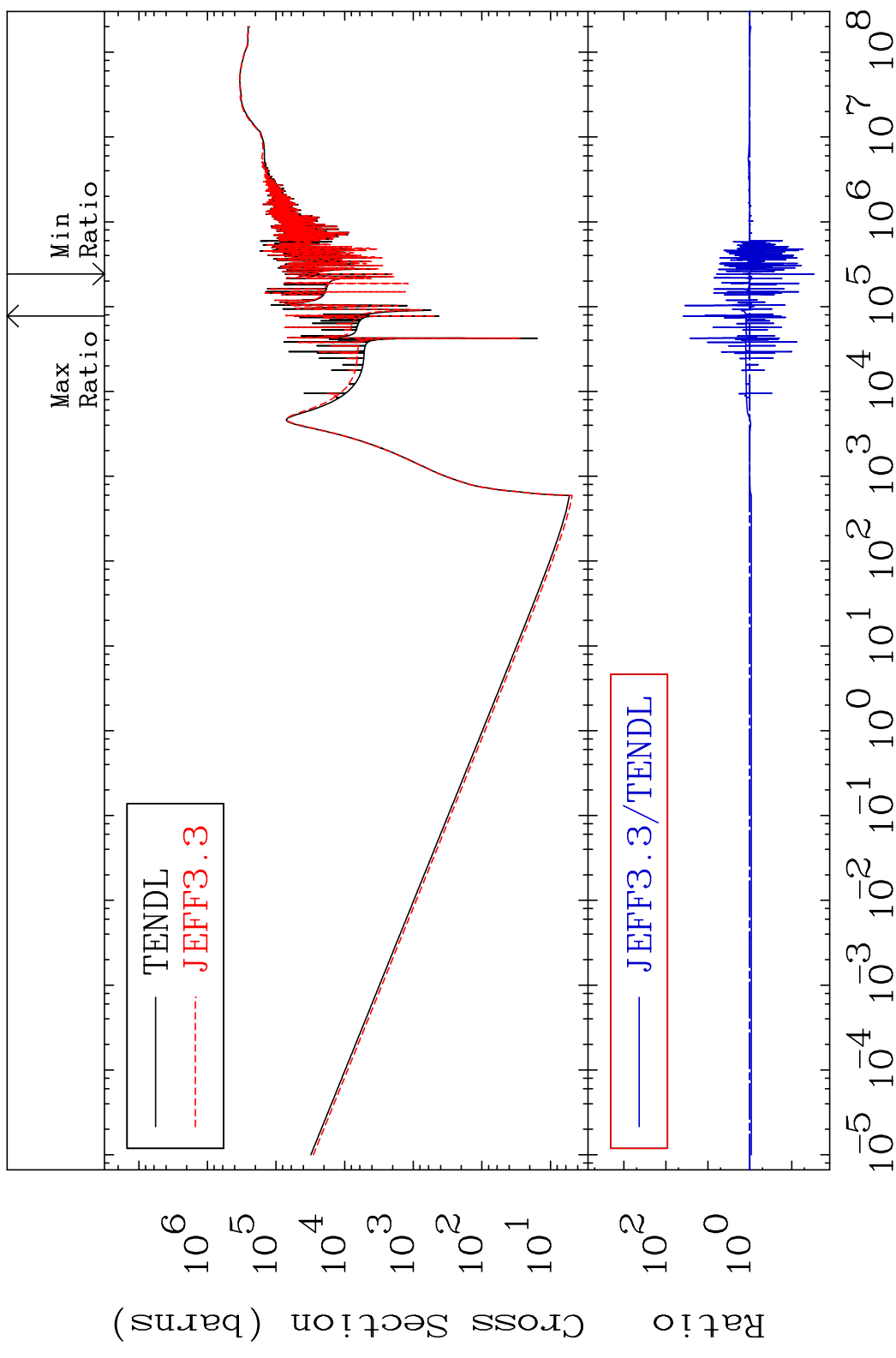
61 Incident Energy (eV) 28-Ni-62

MAT 2837 Total kinematic kerma (high limit) 28-Ni-62
 Cross Section -97.03 To 3720. %



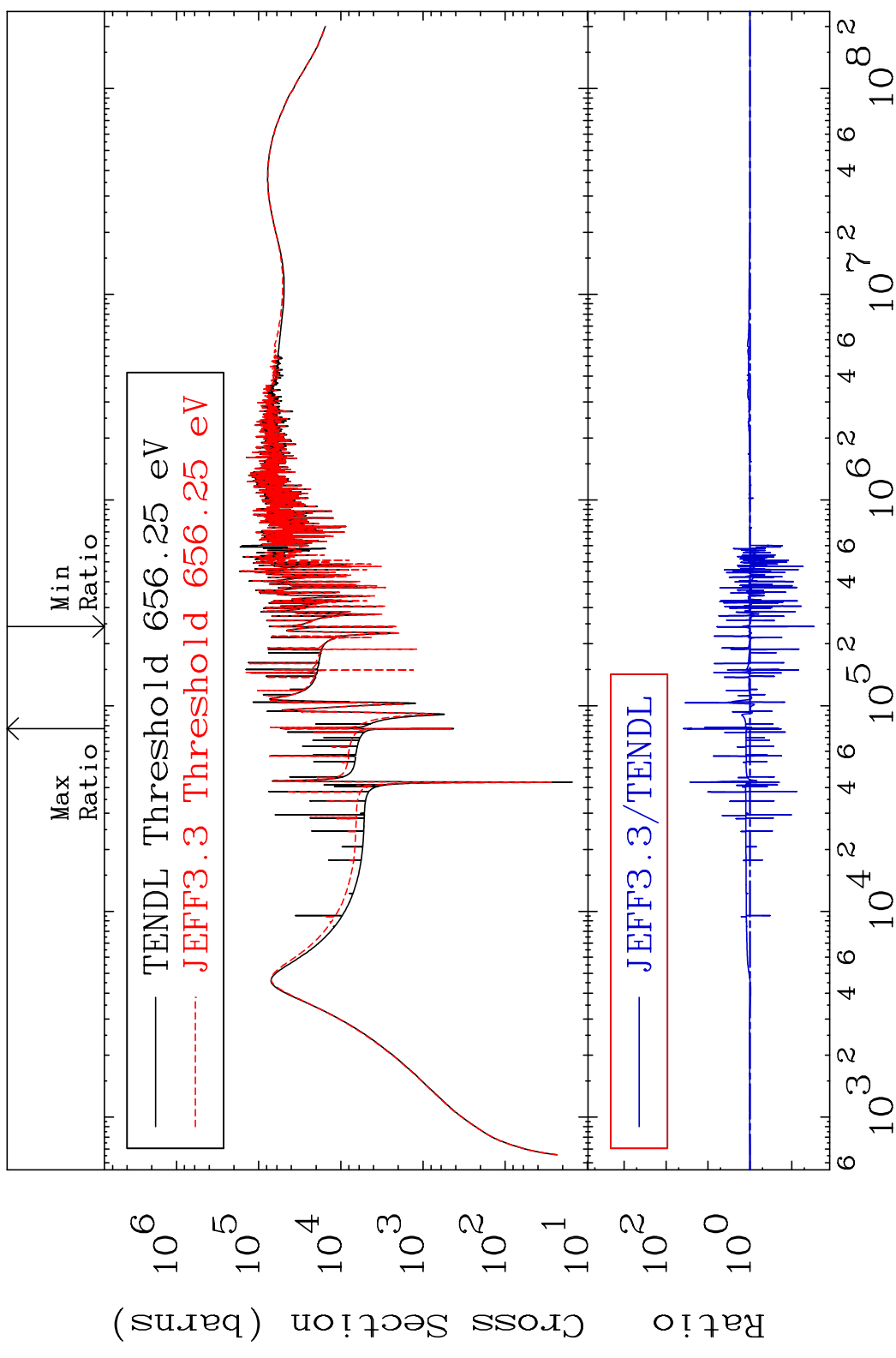
62 Incident Energy (eV) 28-Ni-62

MAT 2837 Dpa total (eV-barns) 28-Ni-62
 Cross Section -97.03 To 3720. %



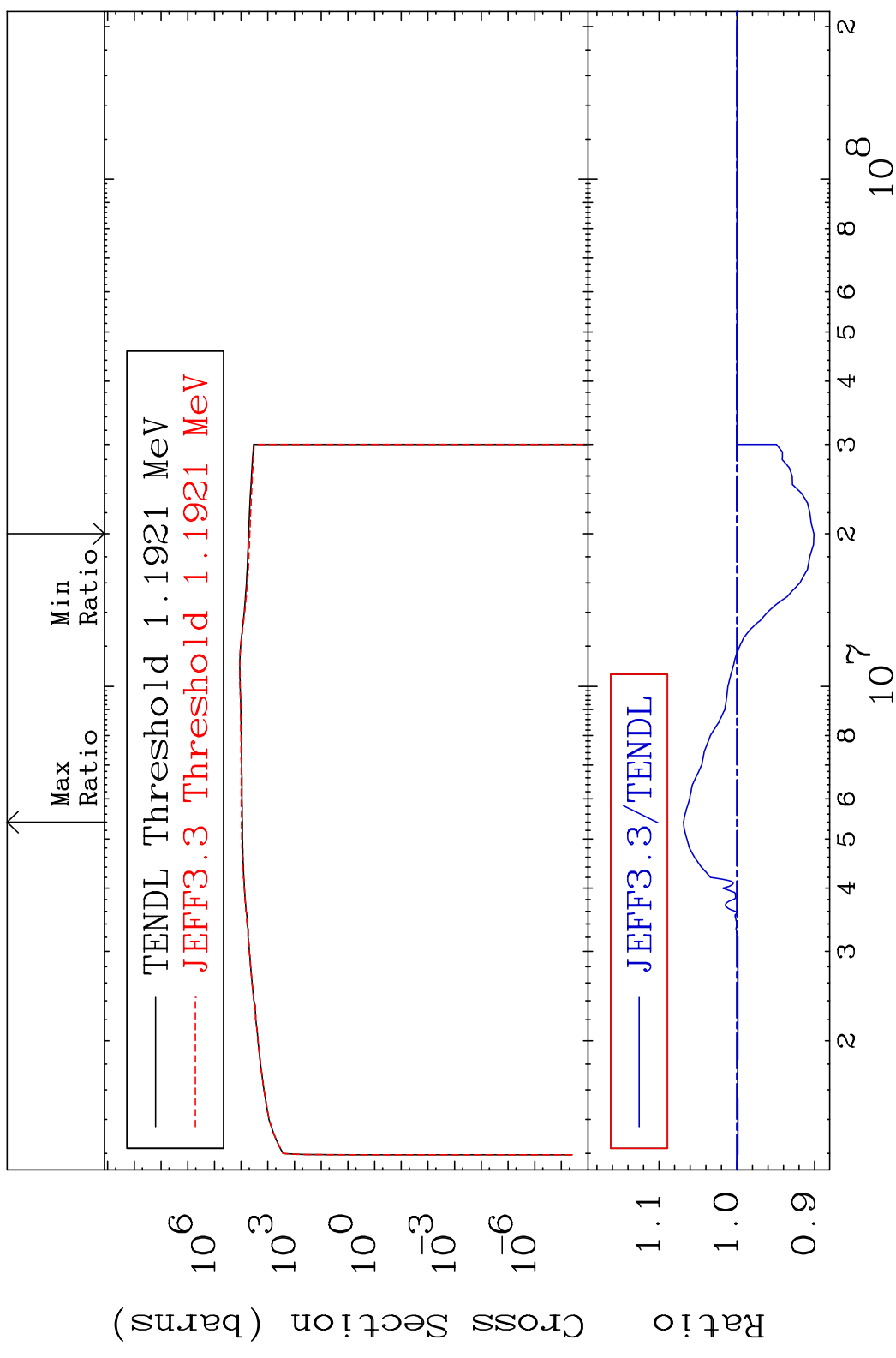
63 Incident Energy (eV) 28-Ni-62

MAT 2837 Dpa elastic (mt2) 28-Ni-62
 Cross Section -97.03 To 3738. %

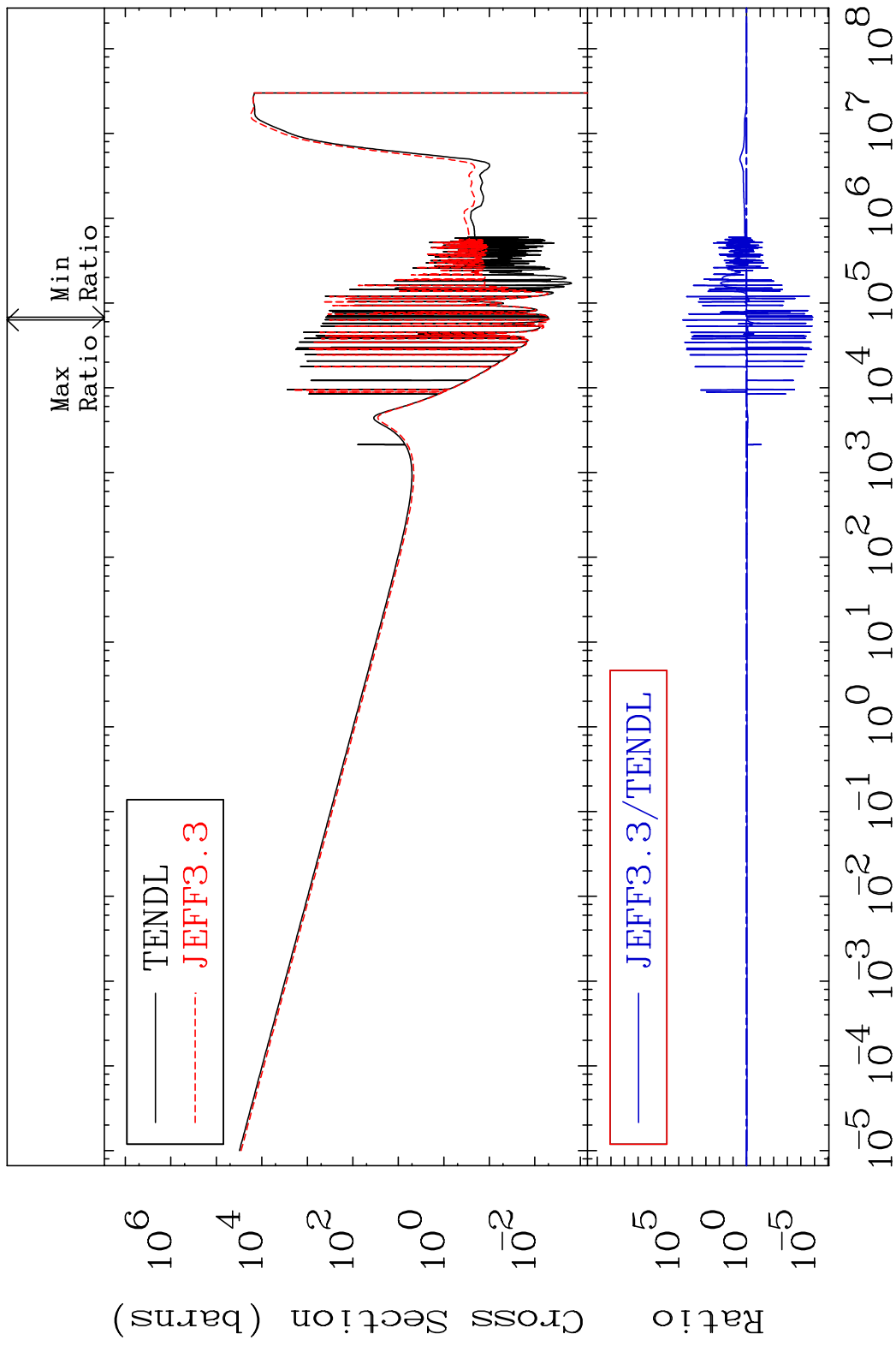


64 Incident Energy (eV) 28-Ni-62

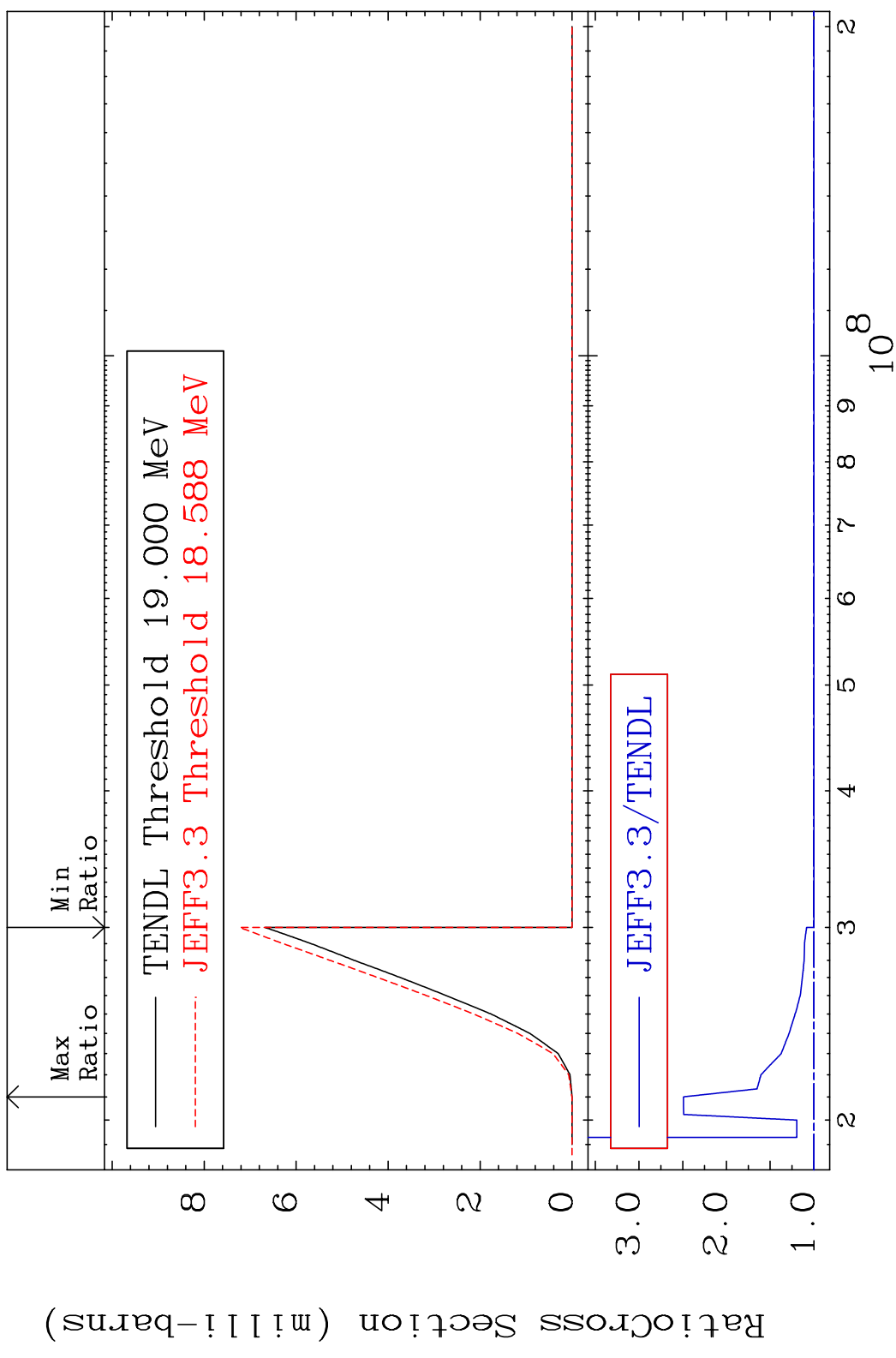
MAT 2837 Dpa inelastic (mt51-91) 28-Ni-62
 Cross Section -9.891 To 6.870 %

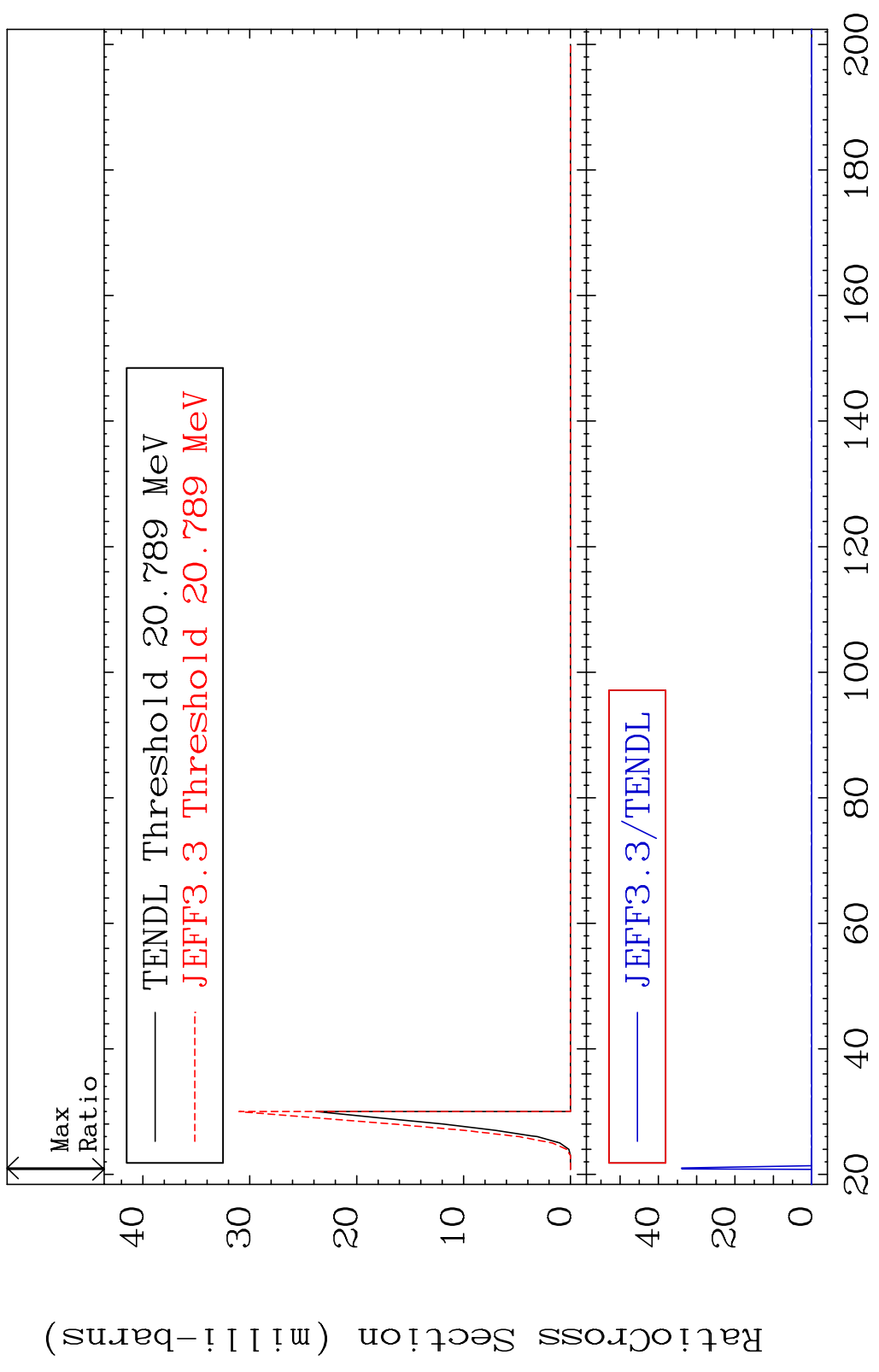


MAT 2837 Dpa disappearance (mt102 -120) 28-Ni-62
 Cross Section -100.0 To 9999. %

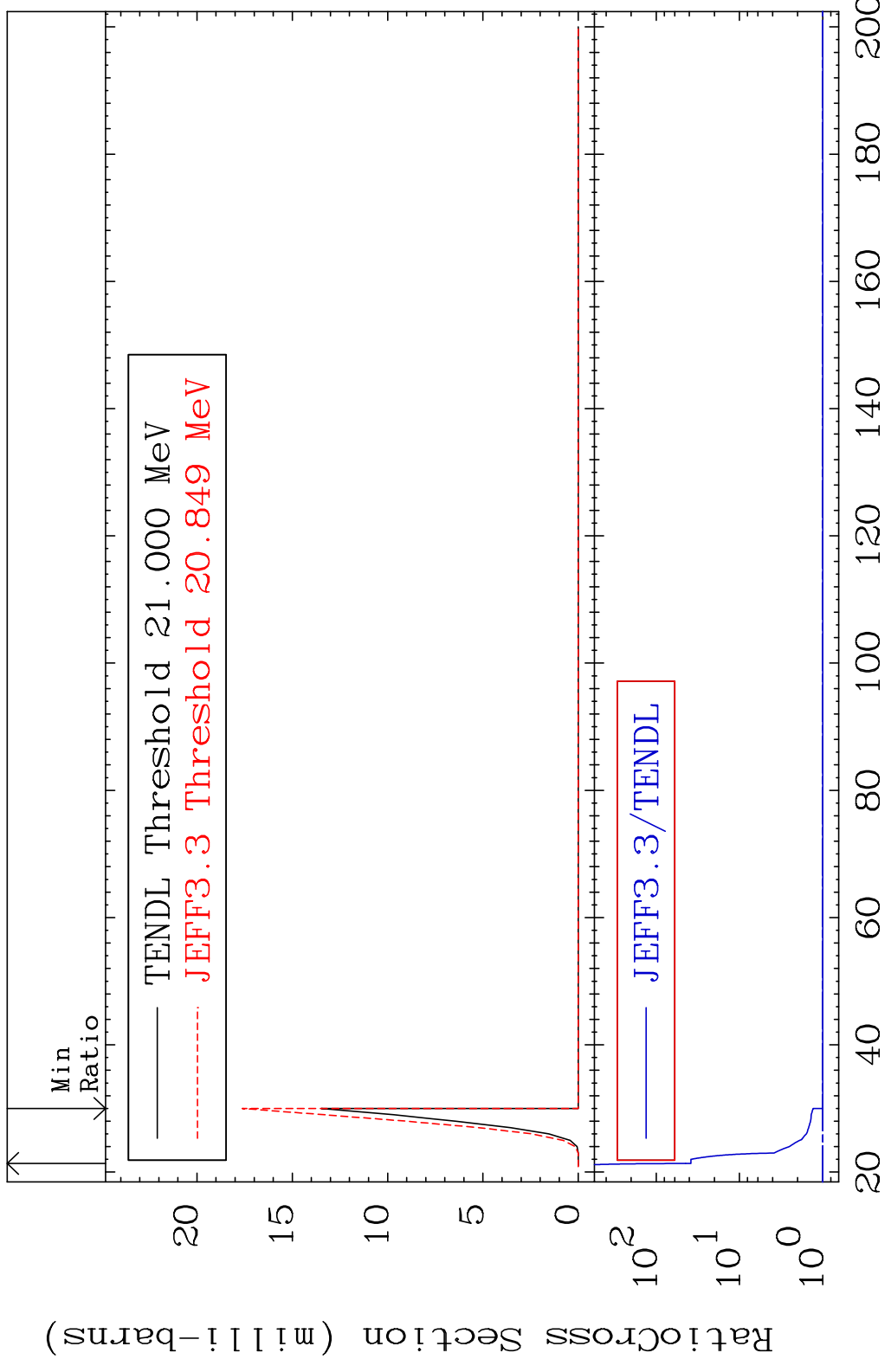


66 Incident Energy (eV) 28-Ni-62



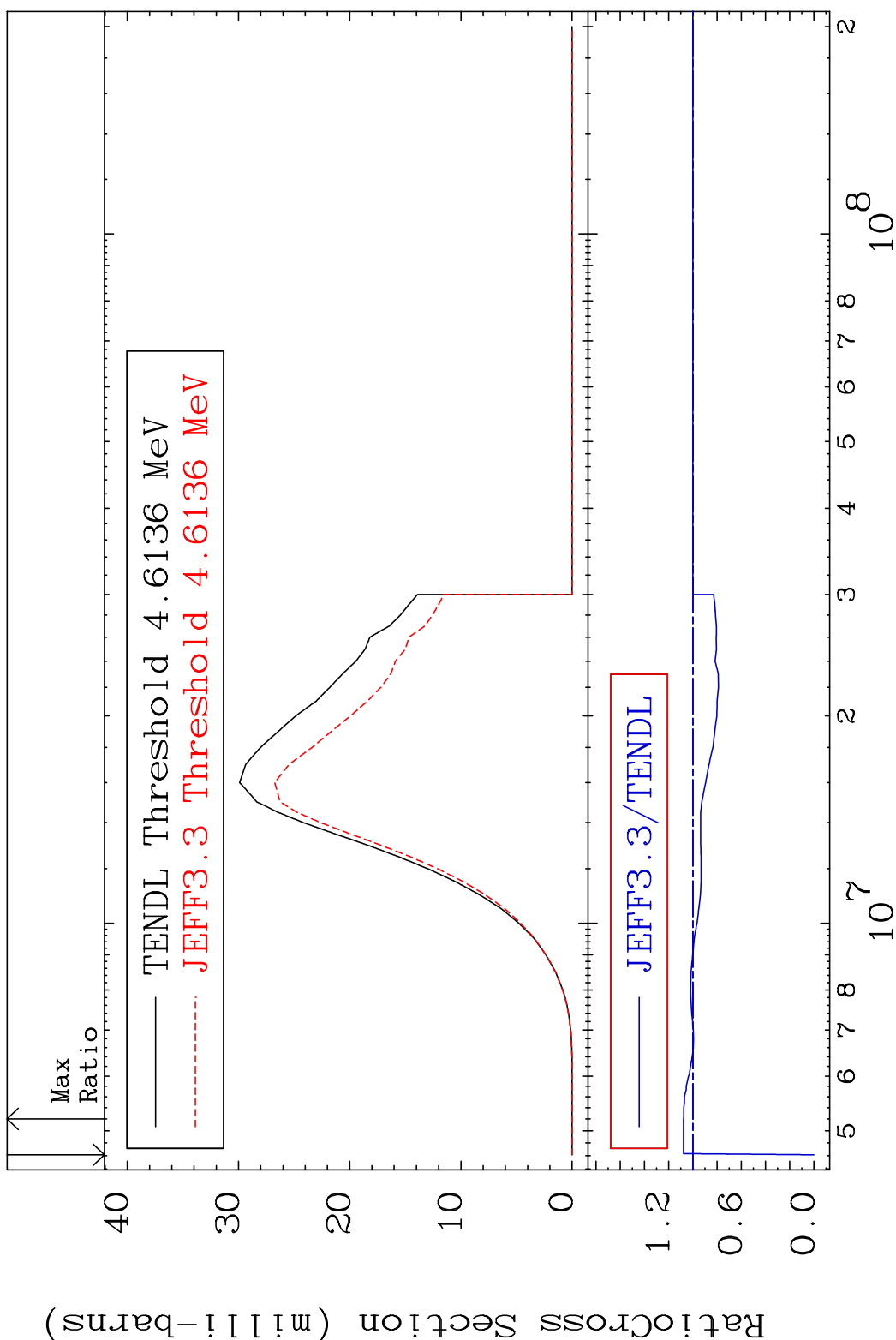


MAT 2837 (n,2n) p:27-Co-60m1 28-Ni-62
 Radionuclide Production Cross Section 3734. %

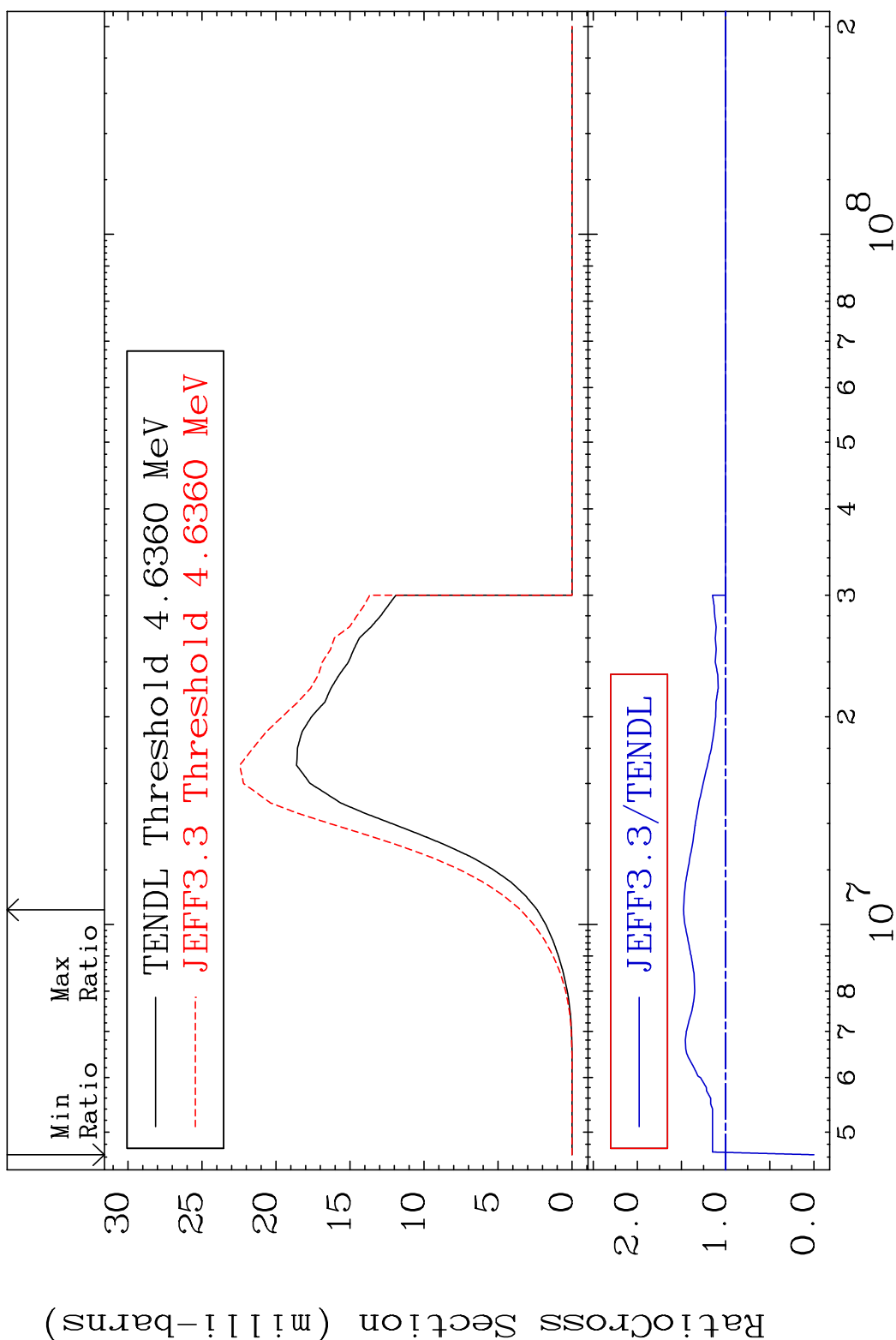


70 Incident Energy (MeV) 28-Ni-62

MAT 2837 (n,p):27-Co-62g 28-Ni-62
 Radionuclide Production Cross Section 180000 dth 7.790 %

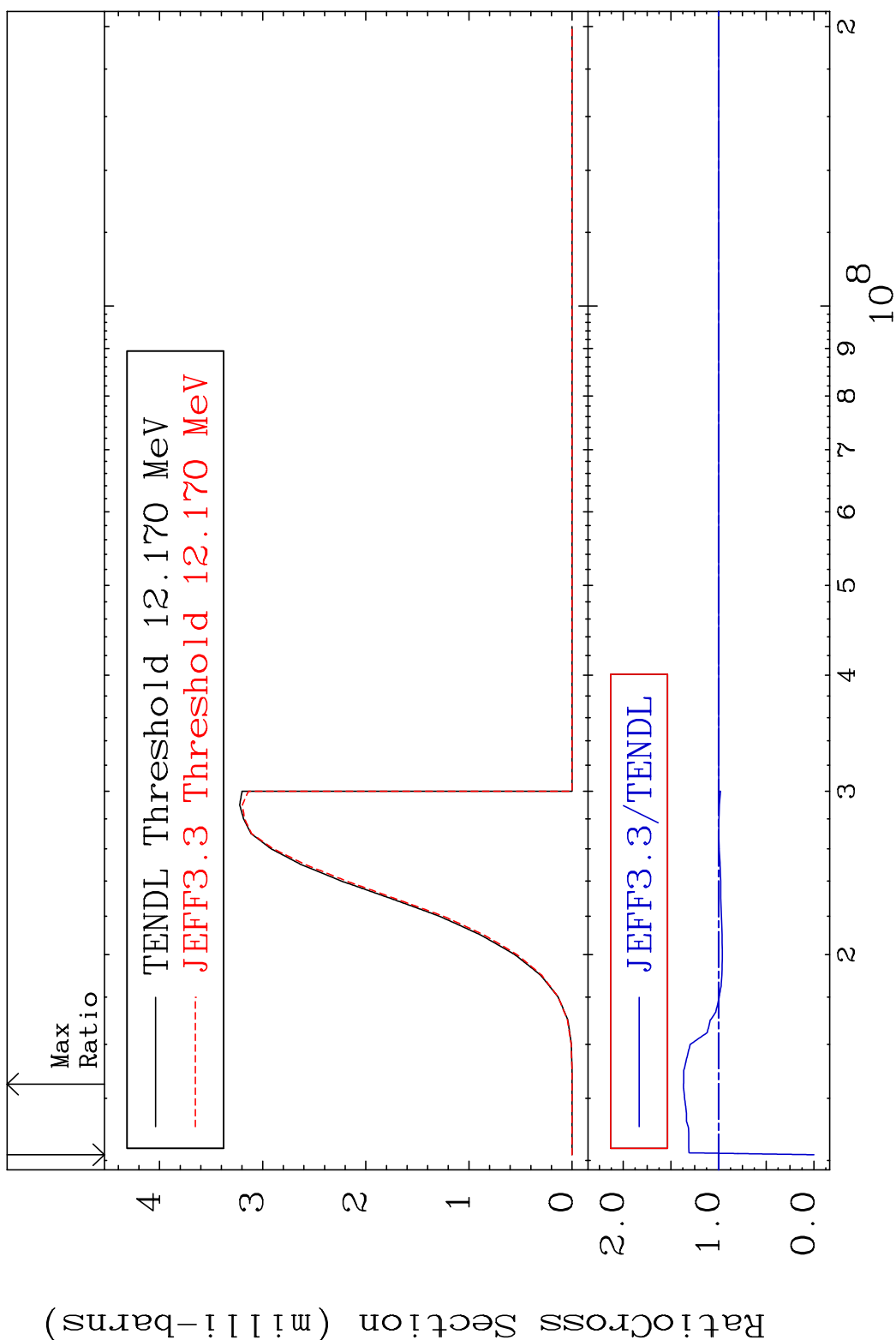


MAT 2837 (n,p):27-Co-62m1 28-Ni-62
 Radionuclide Production Cross Section 47.79 %

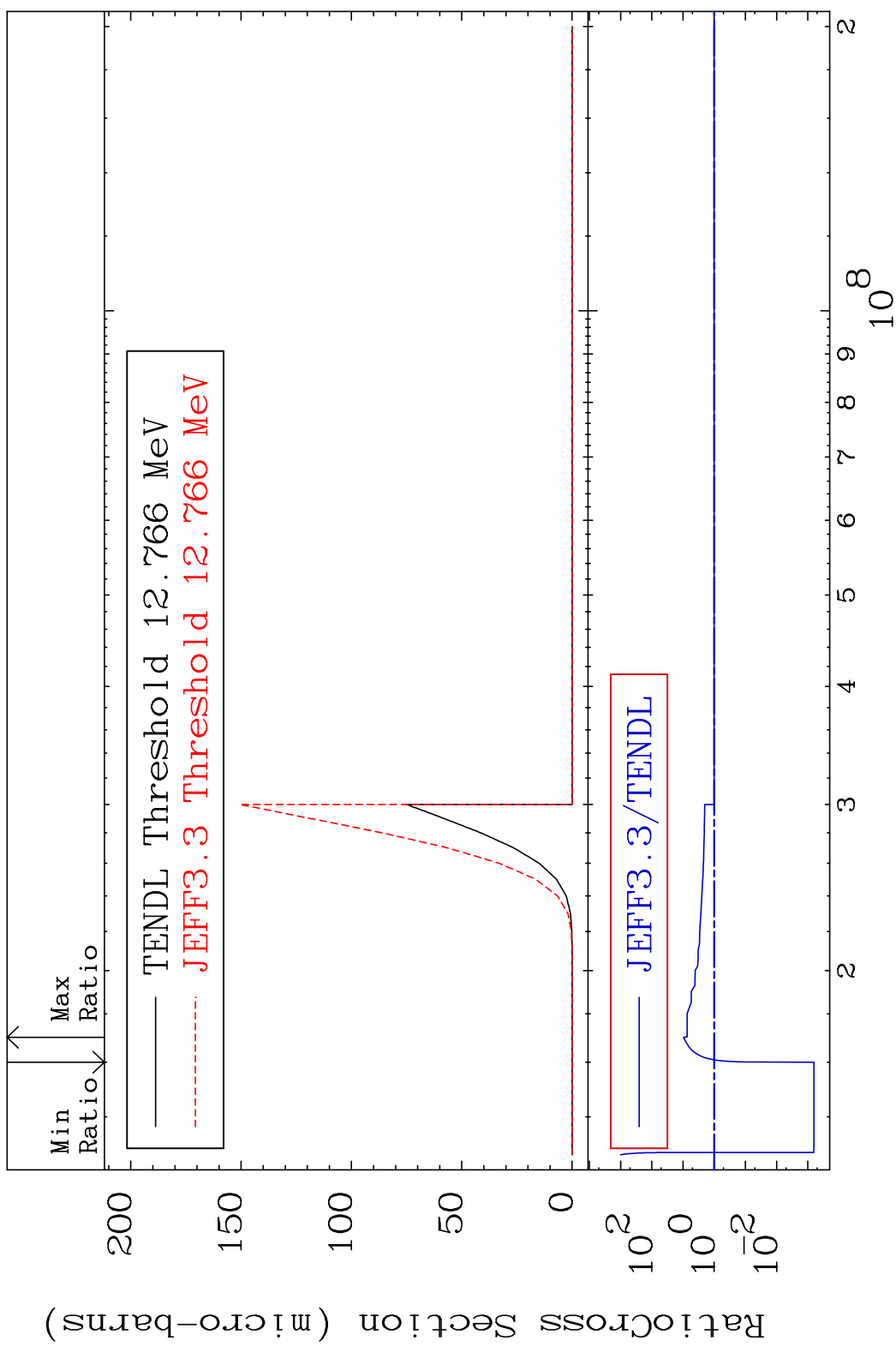


72 28-Ni-62

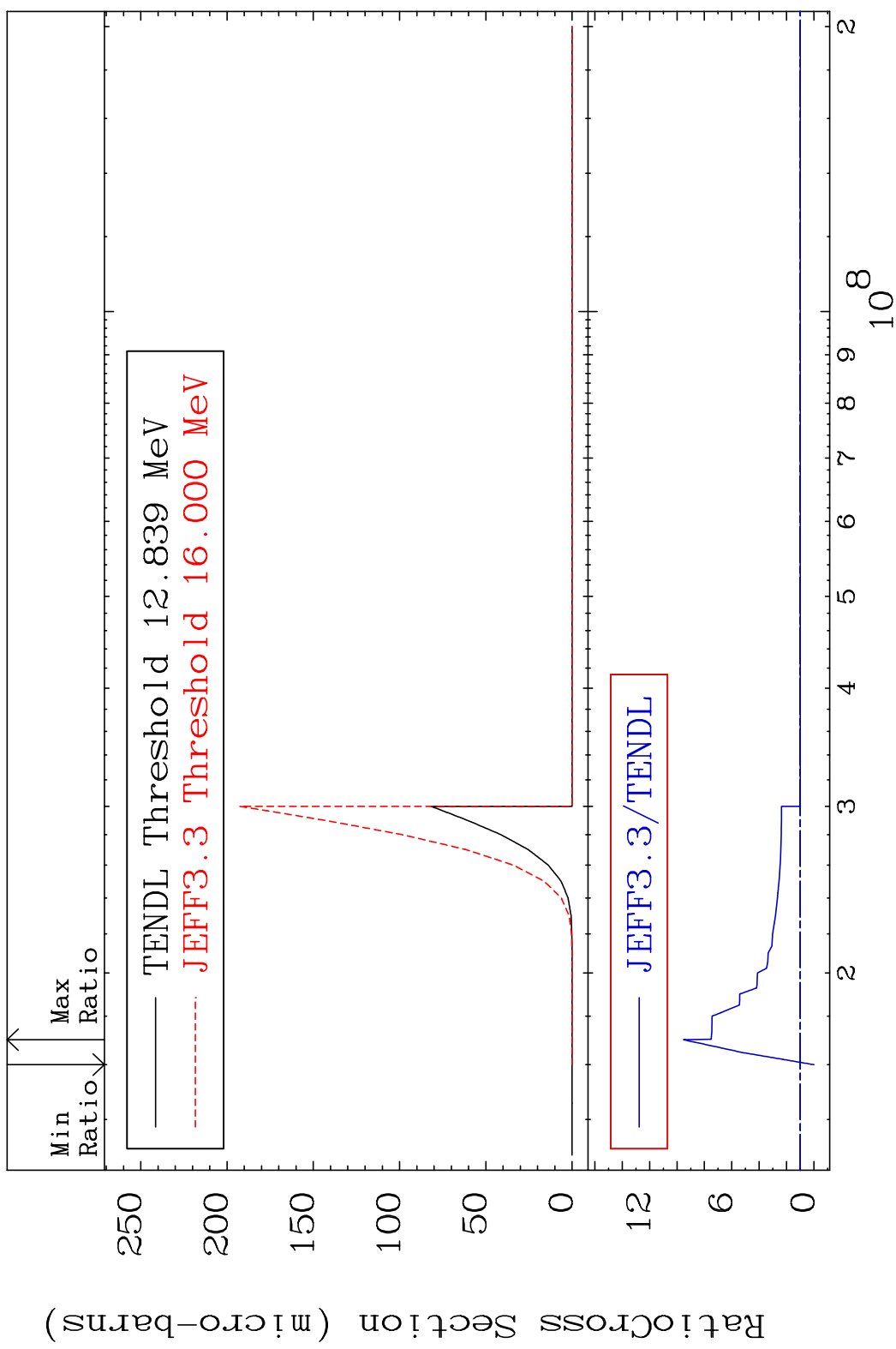
MAT 2837 (n, t): 27-Co-60g 28-Ni-62
 Radionuclide Production Cross Section 36.84 %



73 Incident Energy (eV) 28-Ni-62



MAT 2837 (n, p) α :25-Mn-58m1 28-Ni-62
 Radionuclide Production Cross Section 180000 dpo 852.9 %



76 Incident Energy (eV) 28-Ni-62