

Program Complot
(Version 2021-1)

by

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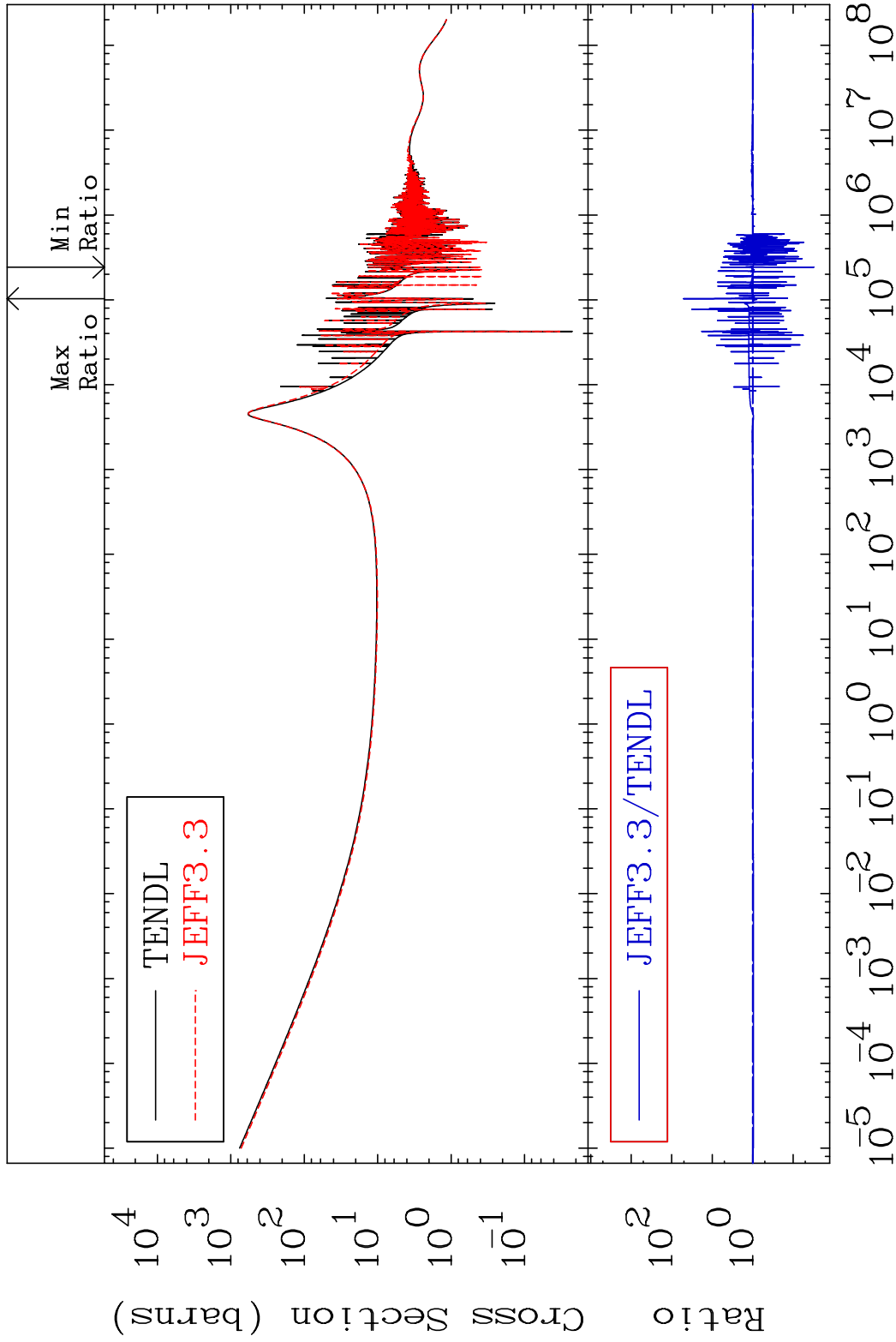
Press Mouse Button to Start

MAT 2837

Total

28-Ni-62

Cross Section -96.92 To 5021. %



1

Incident Energy (eV)

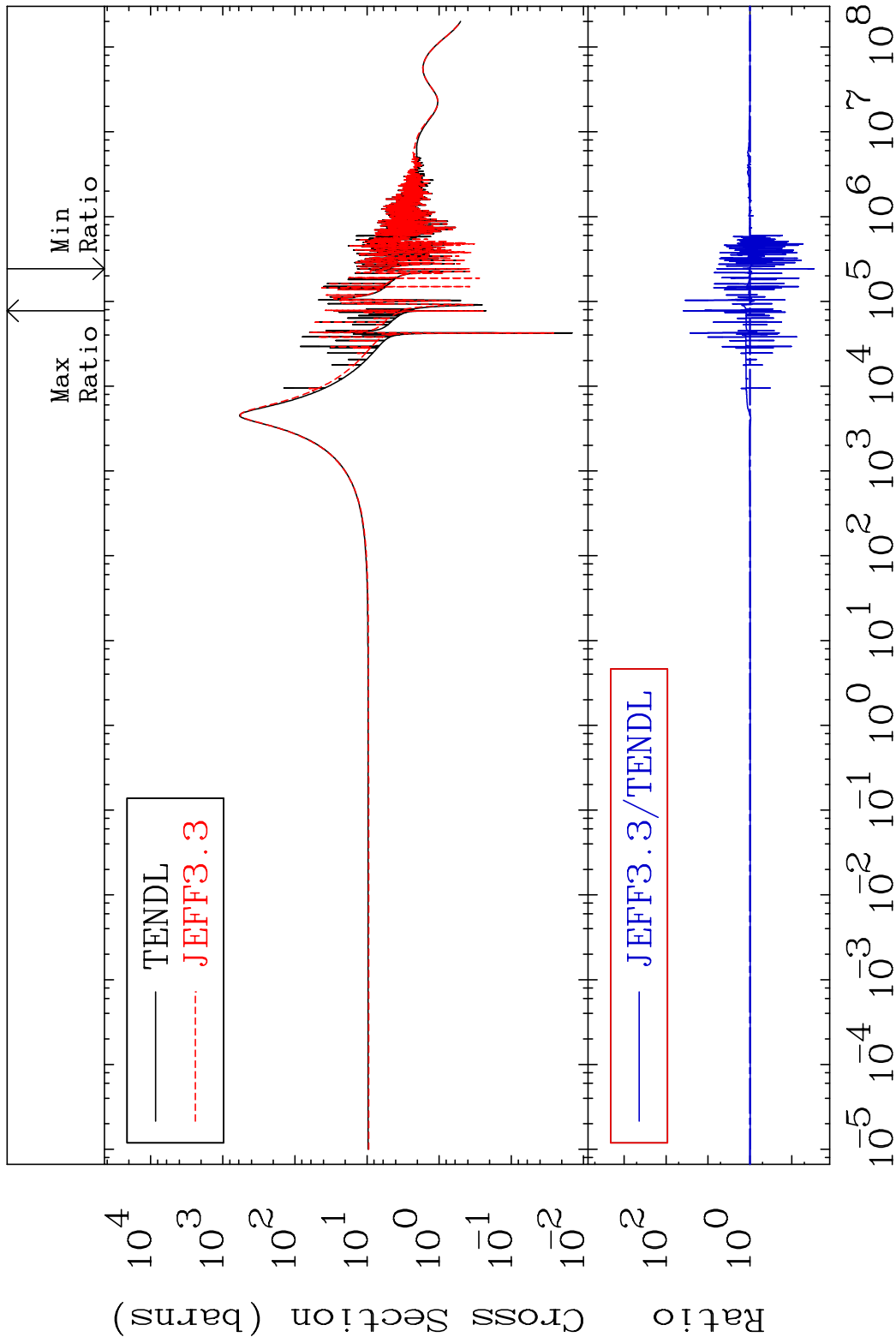
28-Ni-62

MAT 2837

Elastic

28-Ni-62

Cross Section -97.03 To 3738. %



2

Incident Energy (eV)

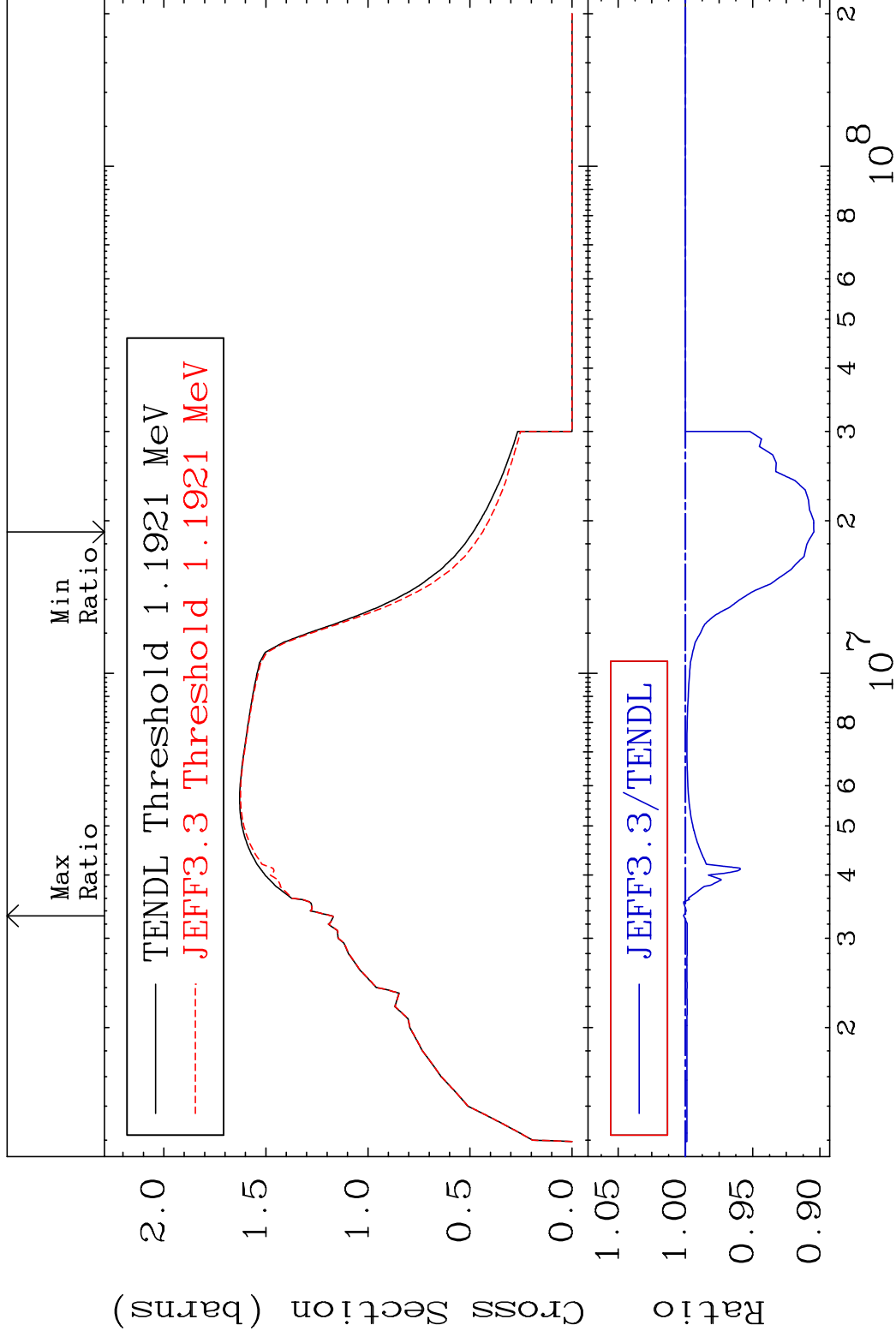
28-Ni-62

MAT 2837

Inelastic

²⁸Ni-62

Cross Section -9.549 To 0.146 %

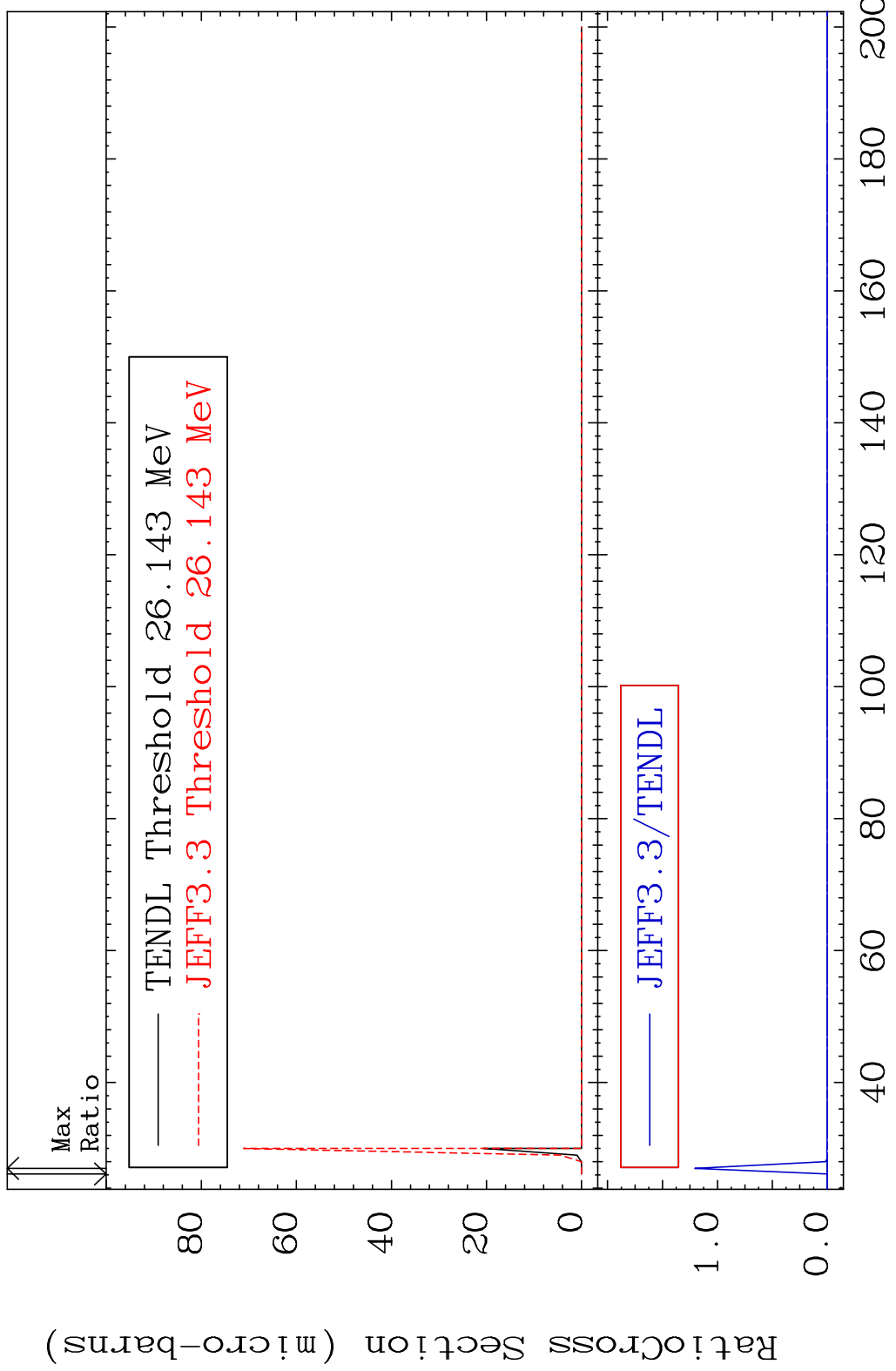


3

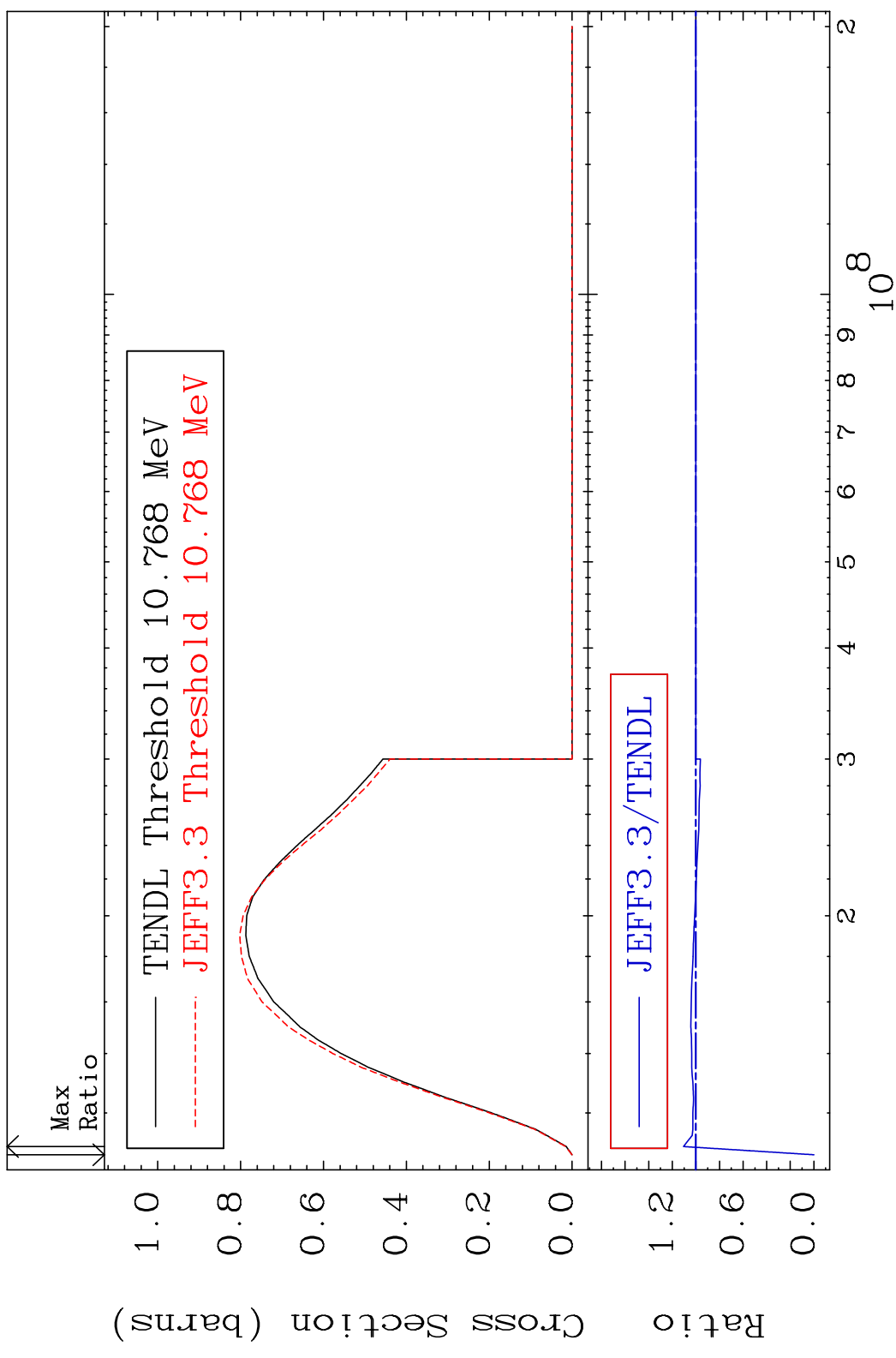
Incident Energy (eV)

²⁸Ni-62

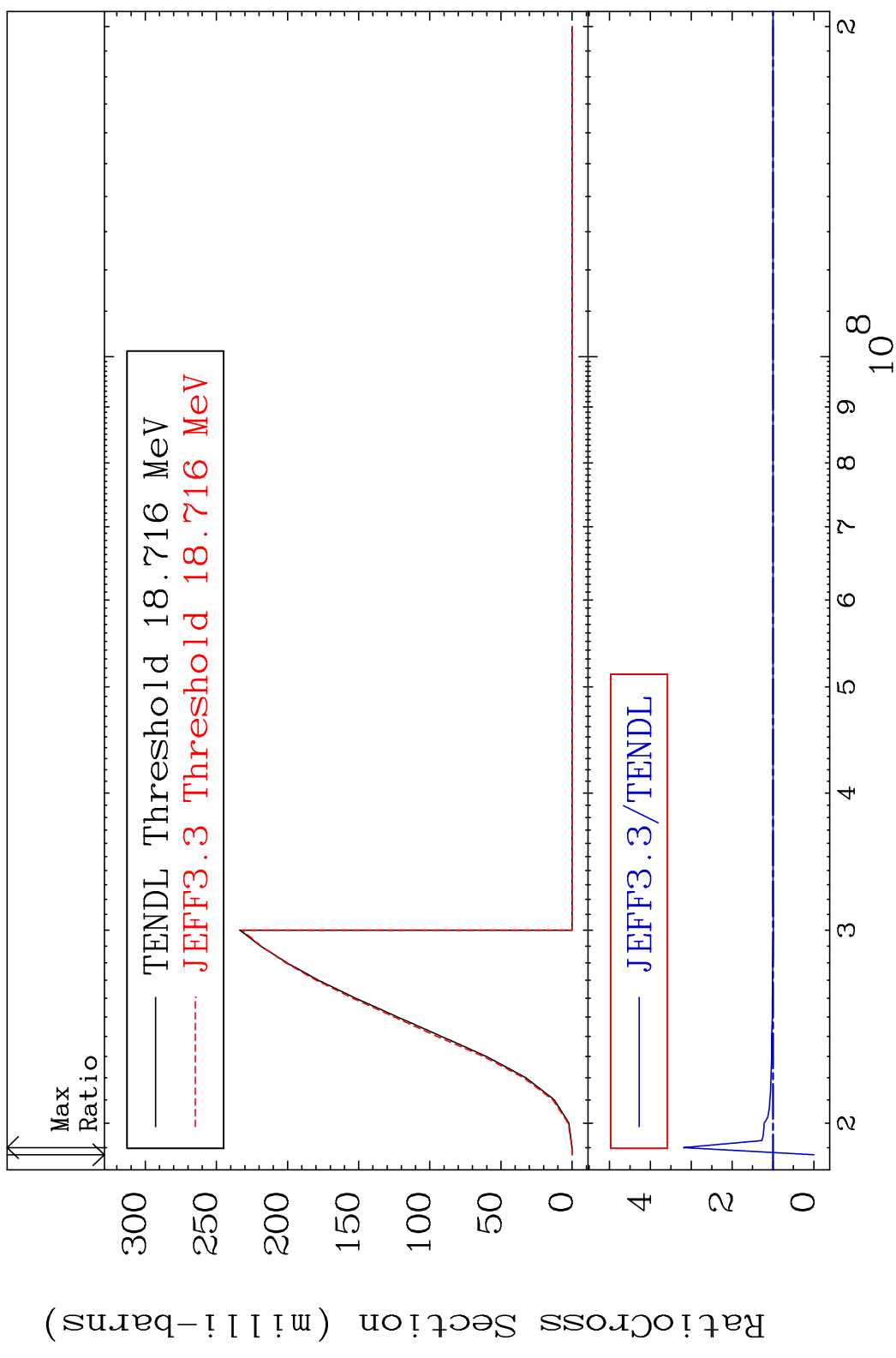
MAT 2837 (n,2n) d 28-Ni-62
Cross Section -100.0 To 9999. %



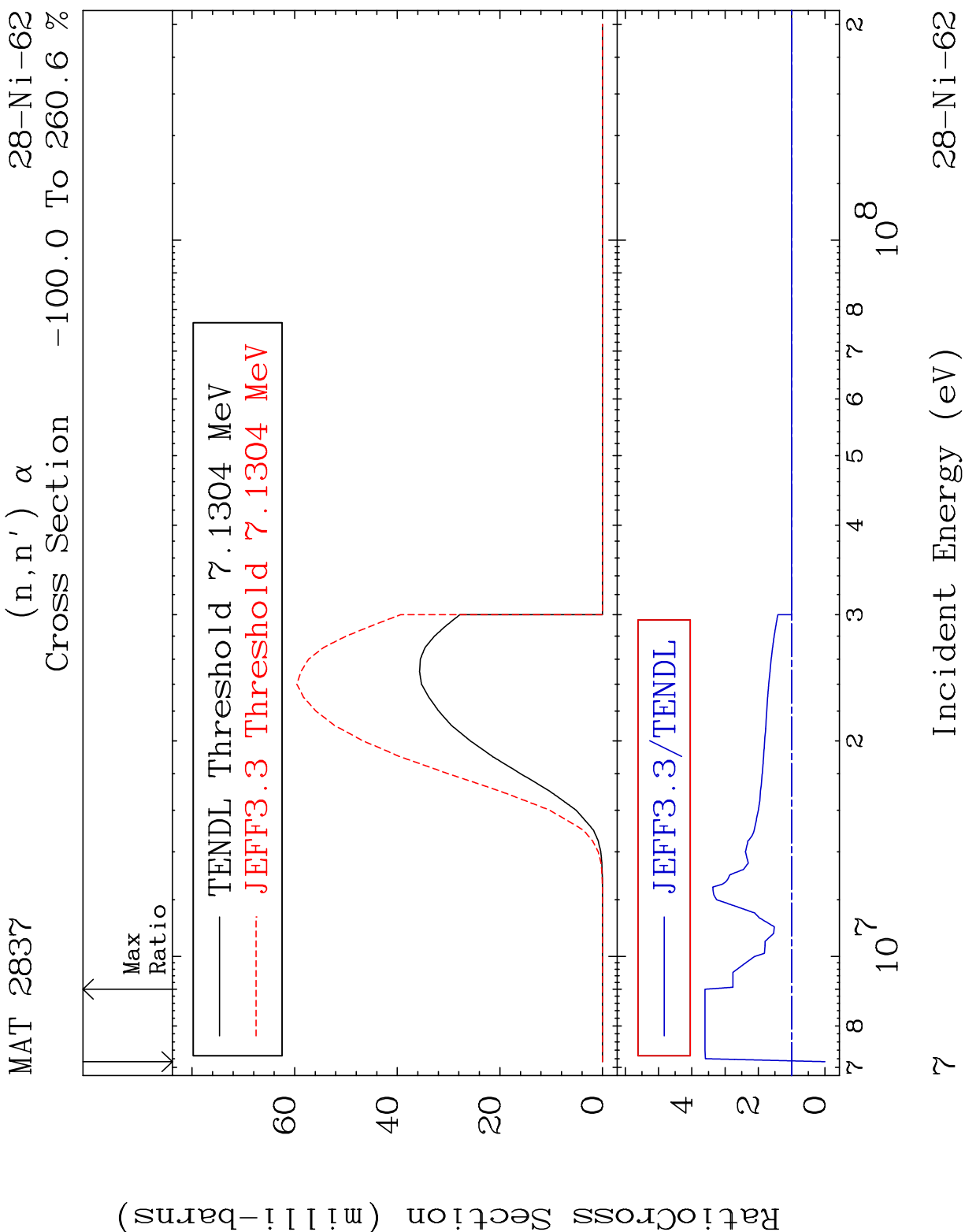
MAT 2837 (n,2n) 28-Ni-62
 Cross Section -100.0 To 10.54 %



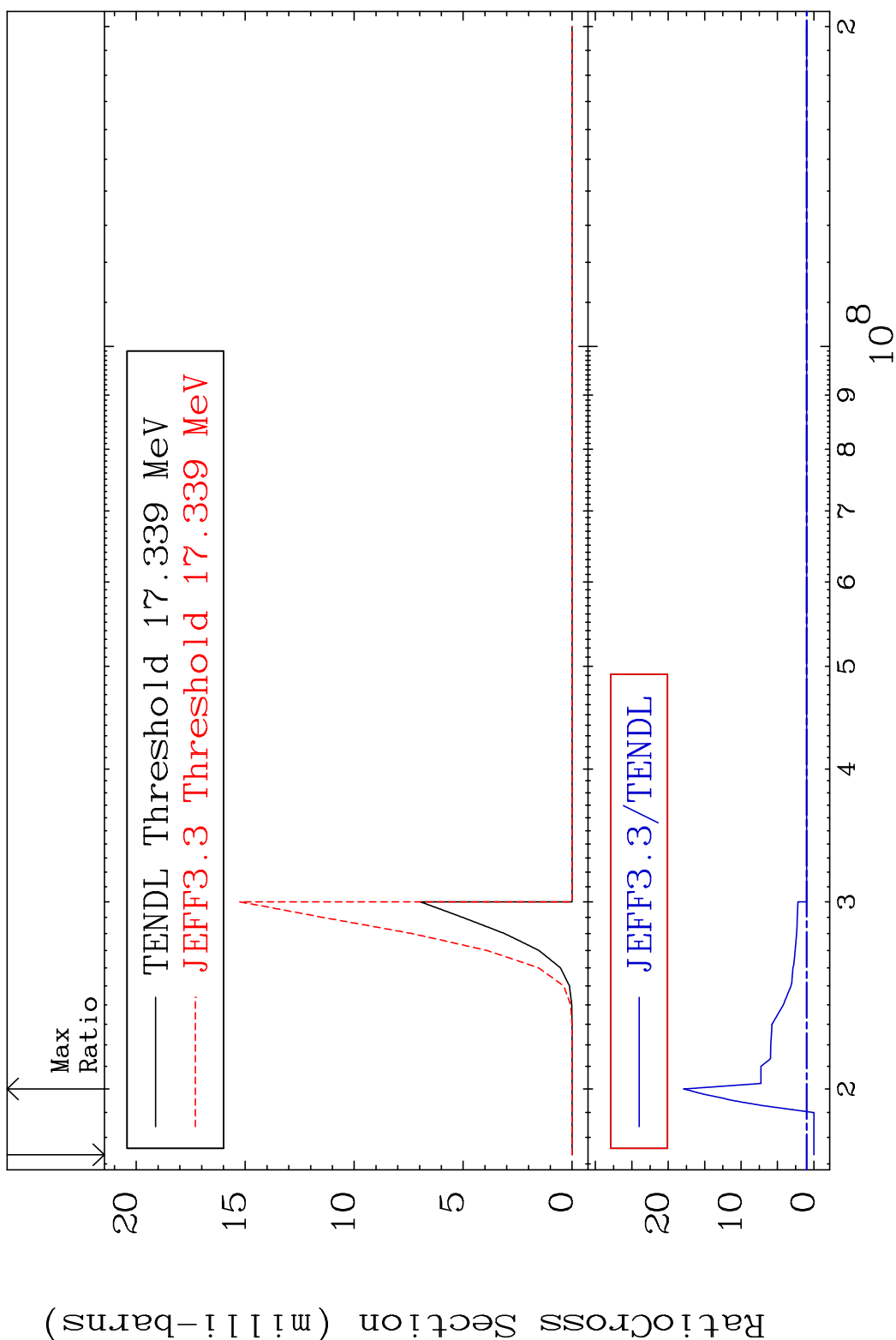
MAT 2837 (n,3n) 28-Ni-62
 Cross Section -100.0 To 219.2 %



6 28-Ni-62

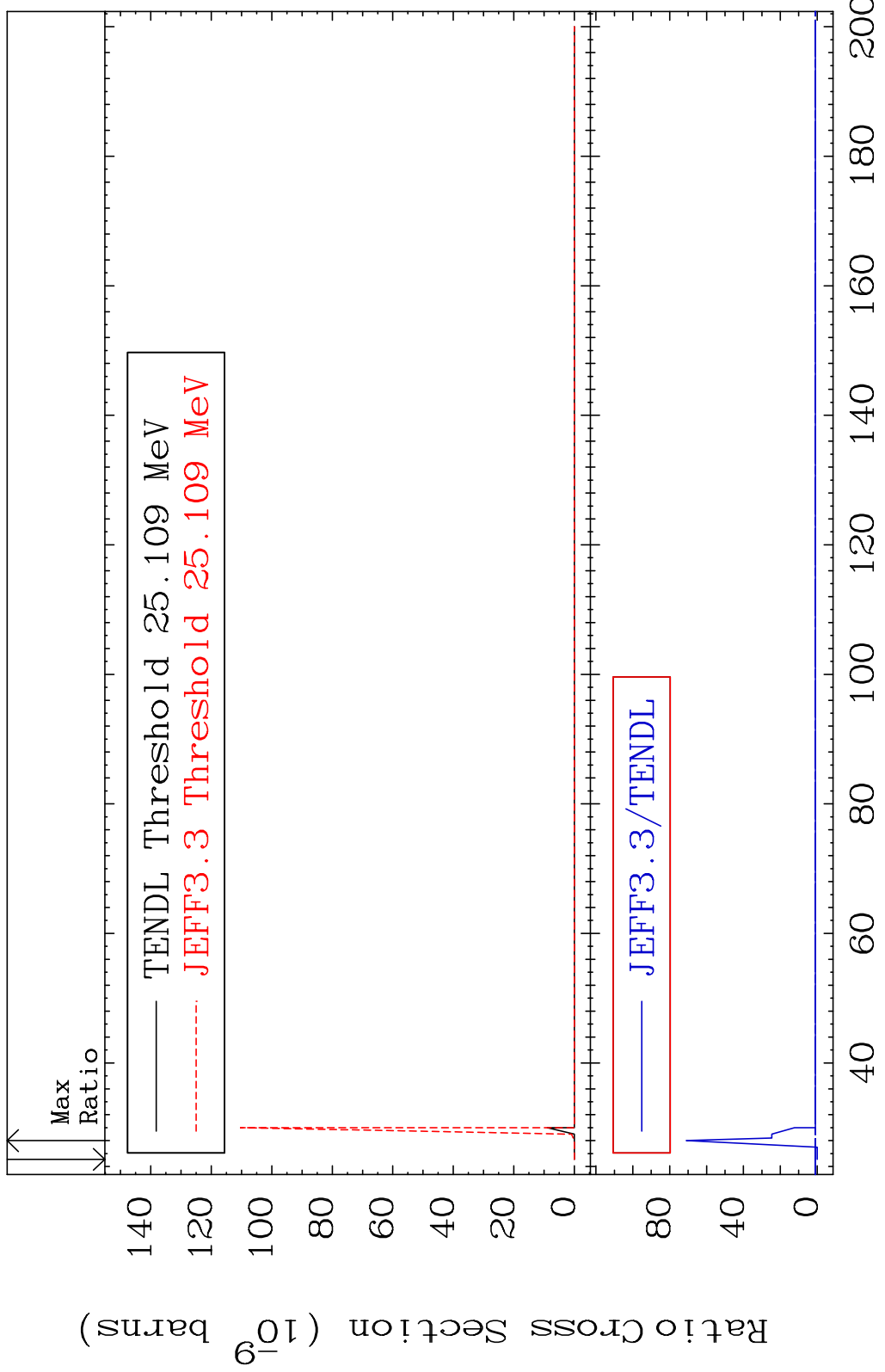


MAT 2837 (n,2n) α $^{28}\text{Ni-62}$
 Cross Section -100.0 To 1691. %

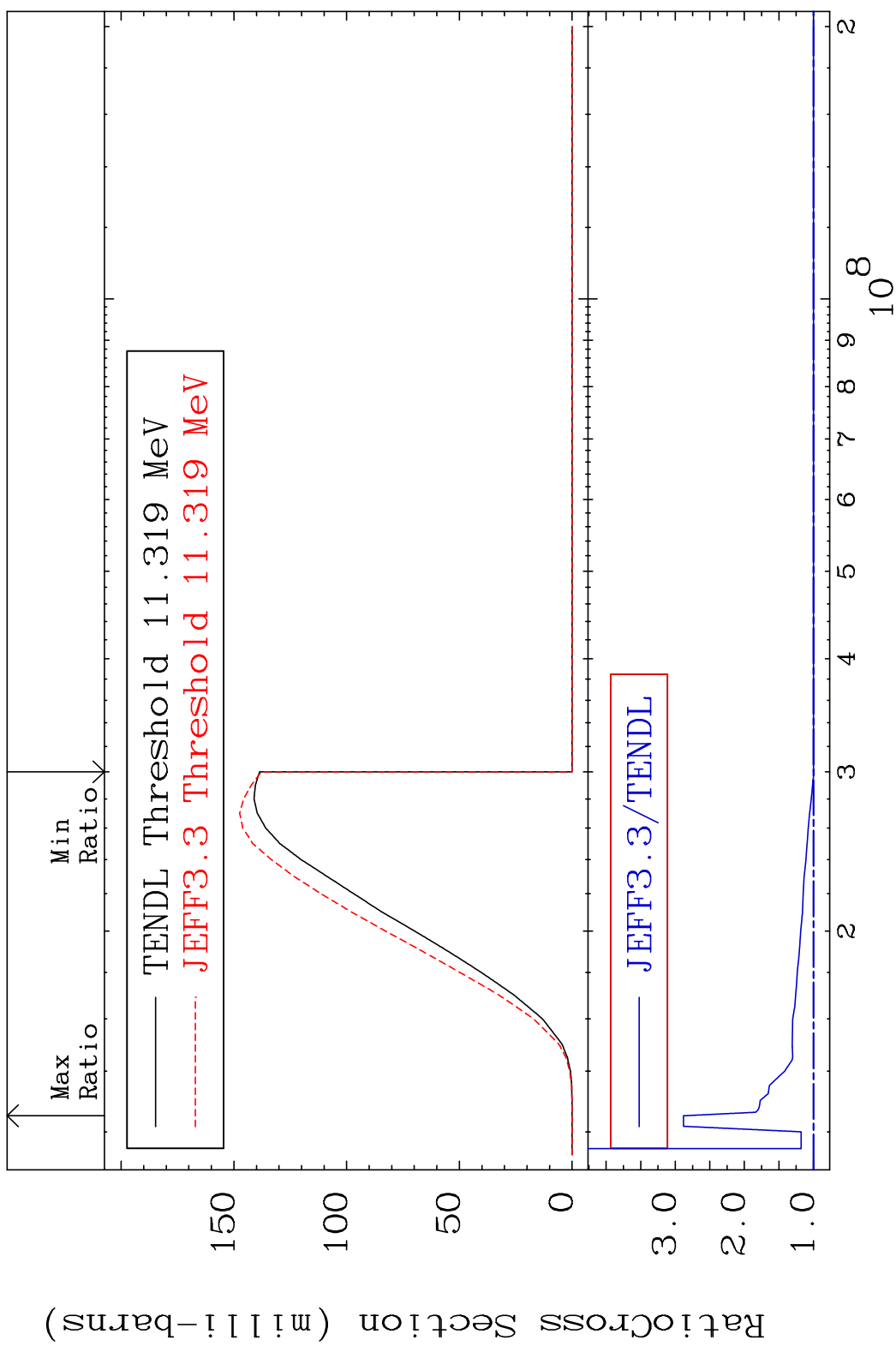


8 Incident Energy (eV) $^{28}\text{Ni-62}$

MAT 2837 (n,3n) α $^{28}\text{Ni-62}$
 Cross Section -100.0 To 7004. %

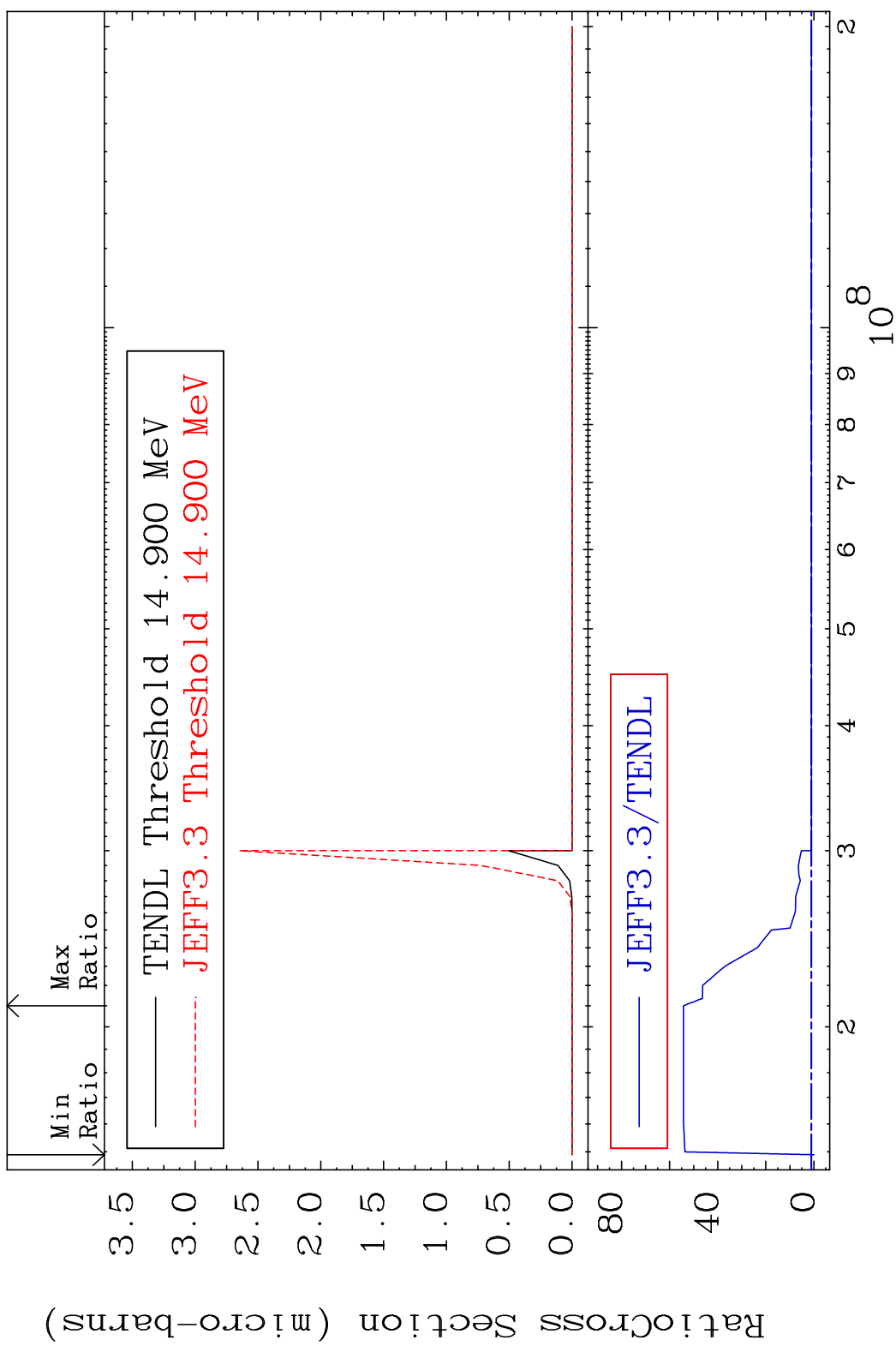


MAT 2837 (n, n') p 28-Ni-62
 Cross Section -0.554 To 188.1 %



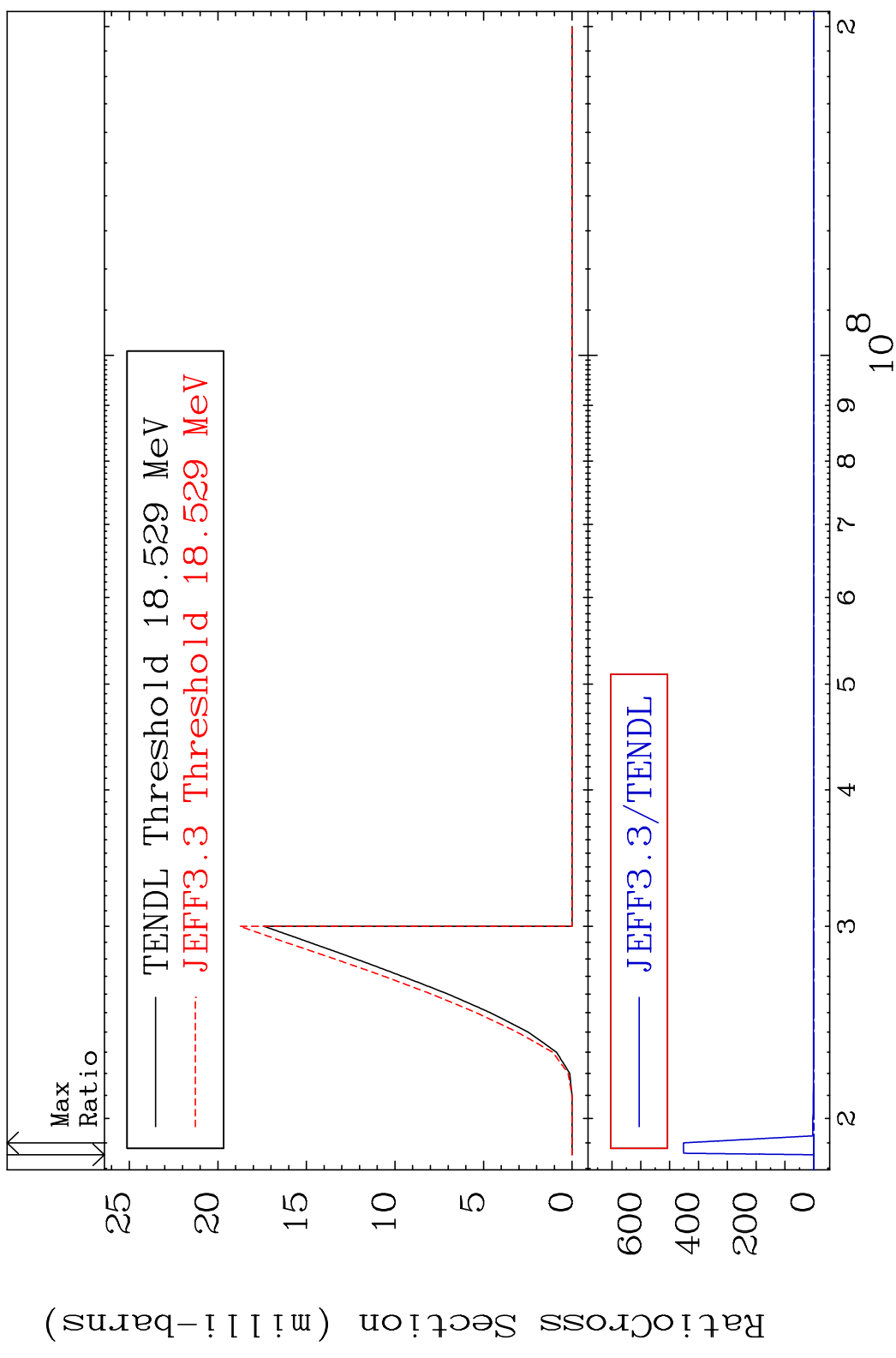
10 28-Ni-62

MAT 2837 (n, n') 2α 28-Ni-62
 Cross Section -100.0 To 5325. %



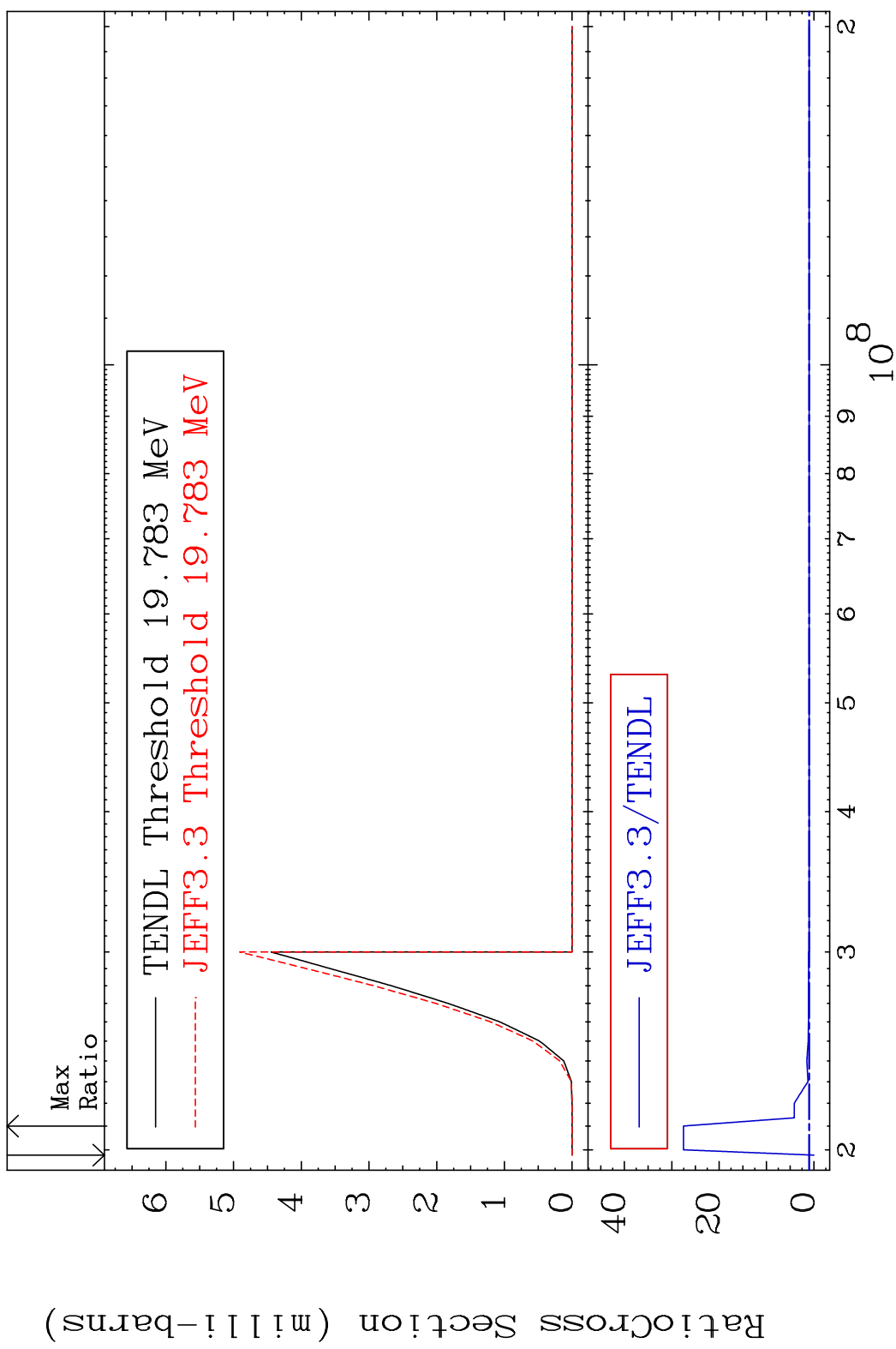
11 Incident Energy (eV) 28-Ni-62

MAT 2837 (n, n') d 28-Ni-62
 Cross Section -100.0 To 9999. %

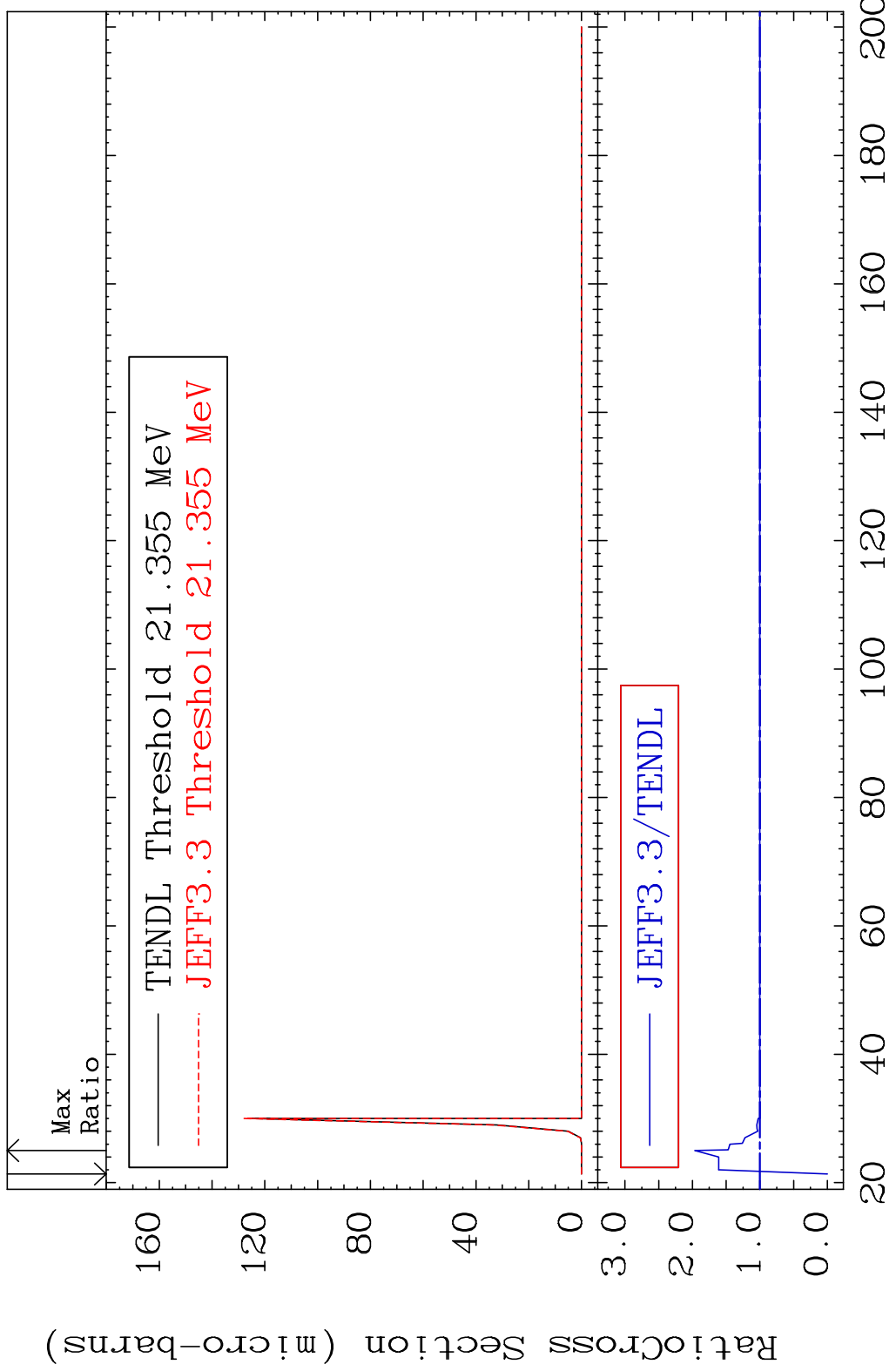


12 28-Ni-62

MAT 2837 (n, n') t 28-Ni-62
 Cross Section -100.0 To 2654. %

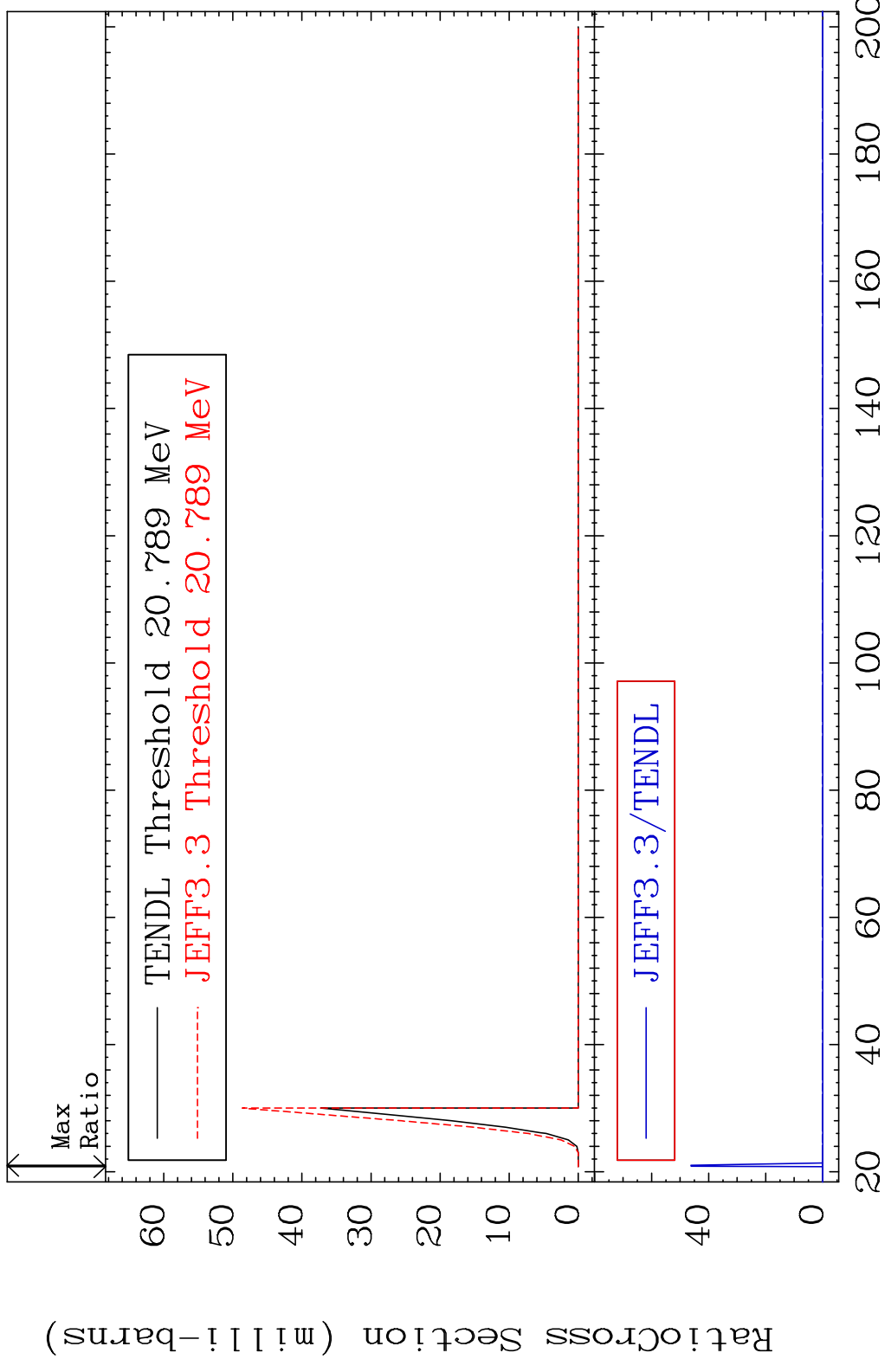


MAT 2837 (n, n') He-3 28-Ni-62
Cross Section -100.0 To 96.56 %



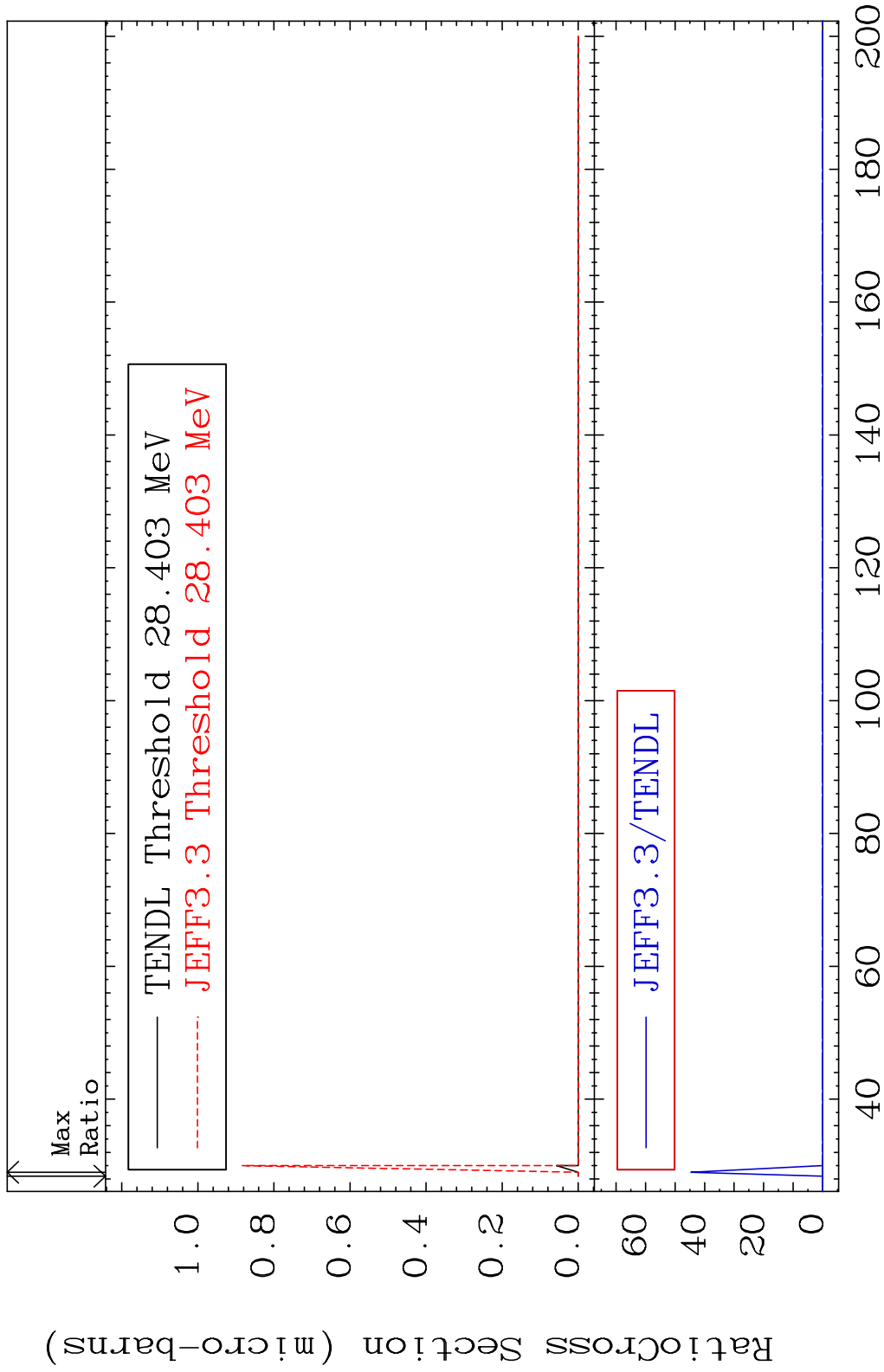
14 Incident Energy (MeV) 28-Ni-62

MAT 2837 (n,2n) p 28-Ni-62
Cross Section -100.0 To 9999. %



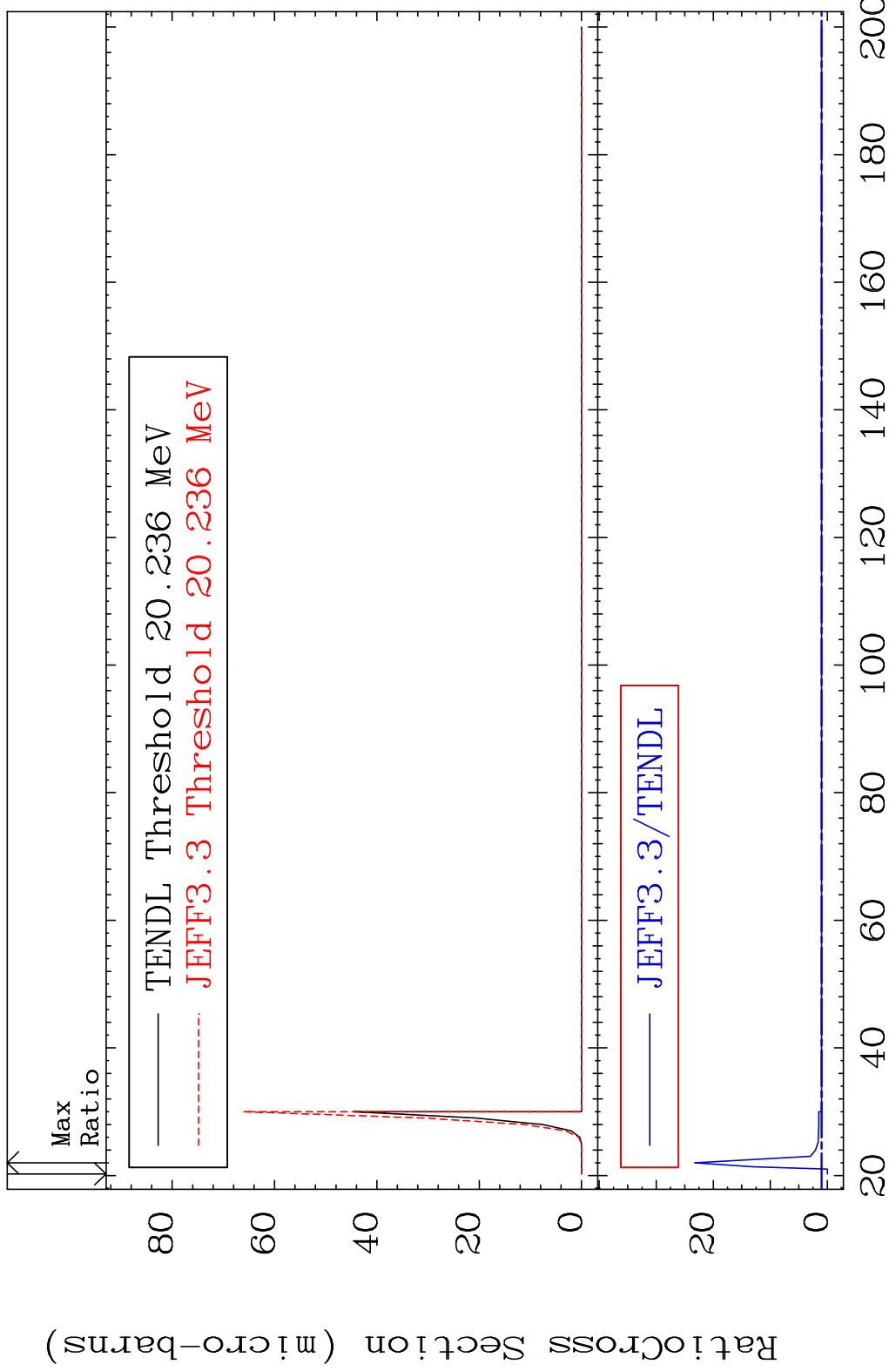
15 Incident Energy (MeV) 28-Ni-62

MAT 2837 (n,3n) p 28-Ni-62
 Cross Section -100.0 To 9999. %



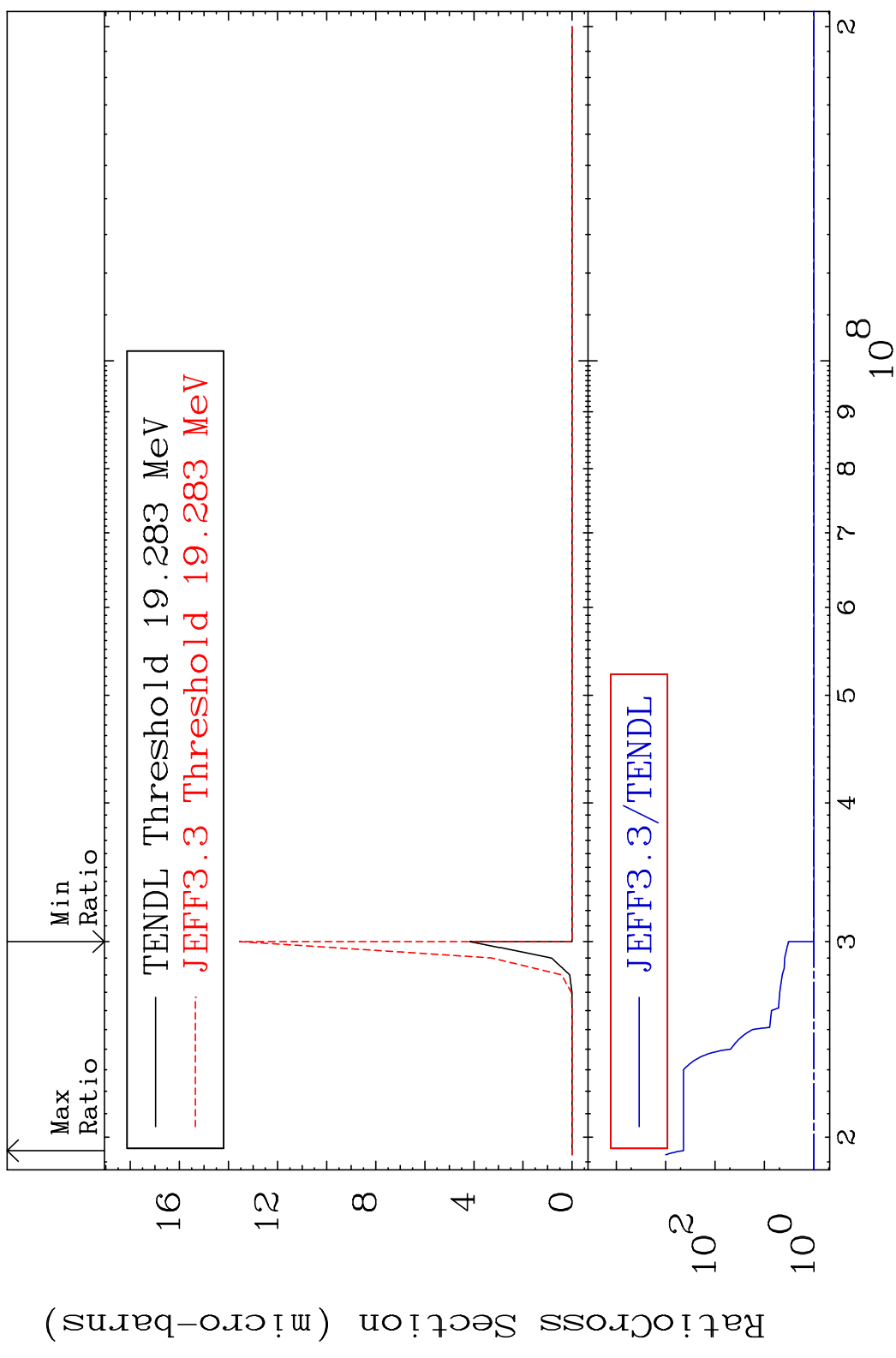
16 Incident Energy (MeV) 28-Ni-62

MAT 2837 (n,2n) p 28-Ni-62
Cross Section -100.0 To 2225. %



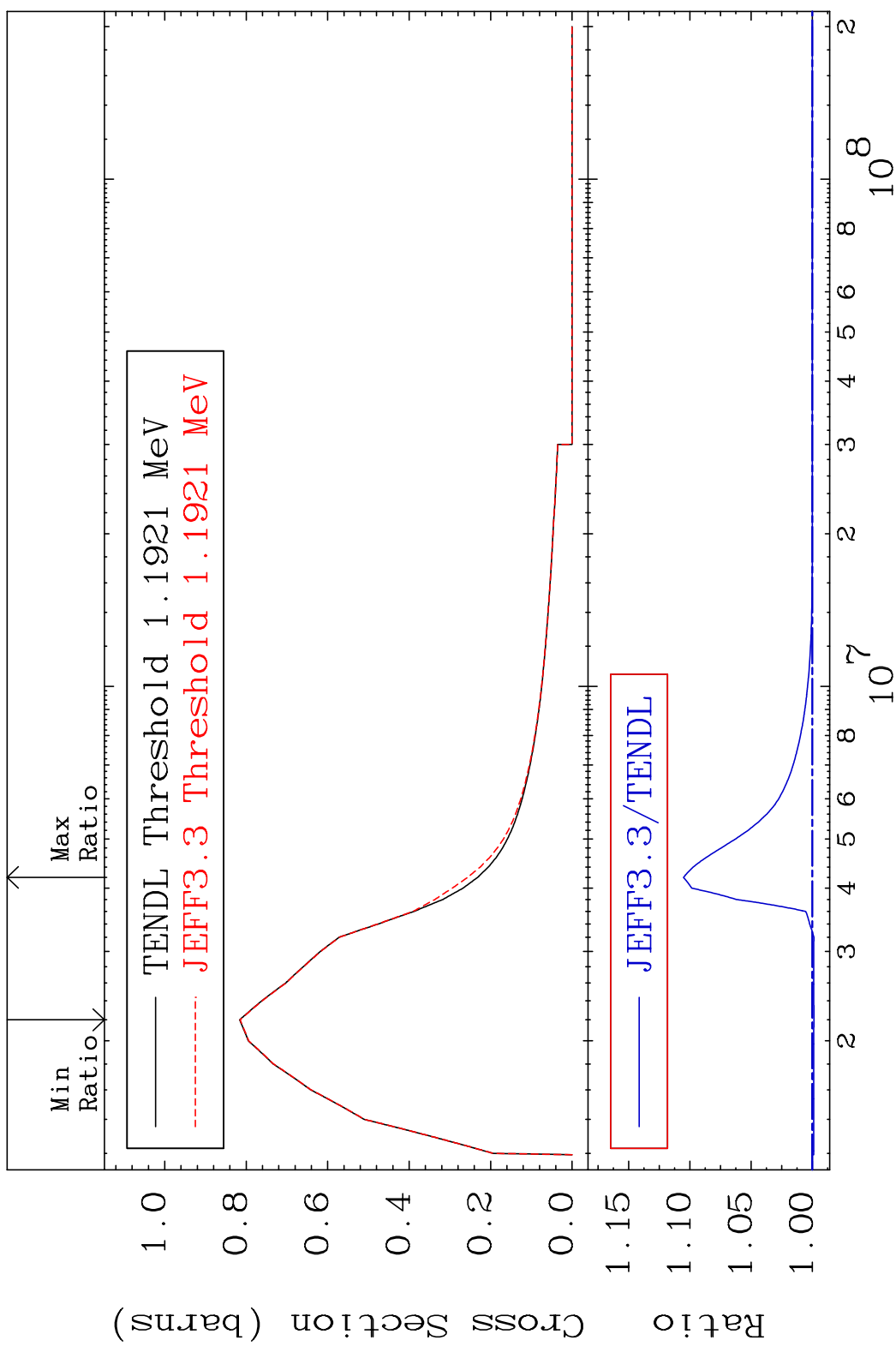
17 28-Ni-62

MAT 2837 (n,n') p α 28-Ni-62
 Cross Section 0.000 To 9999. %

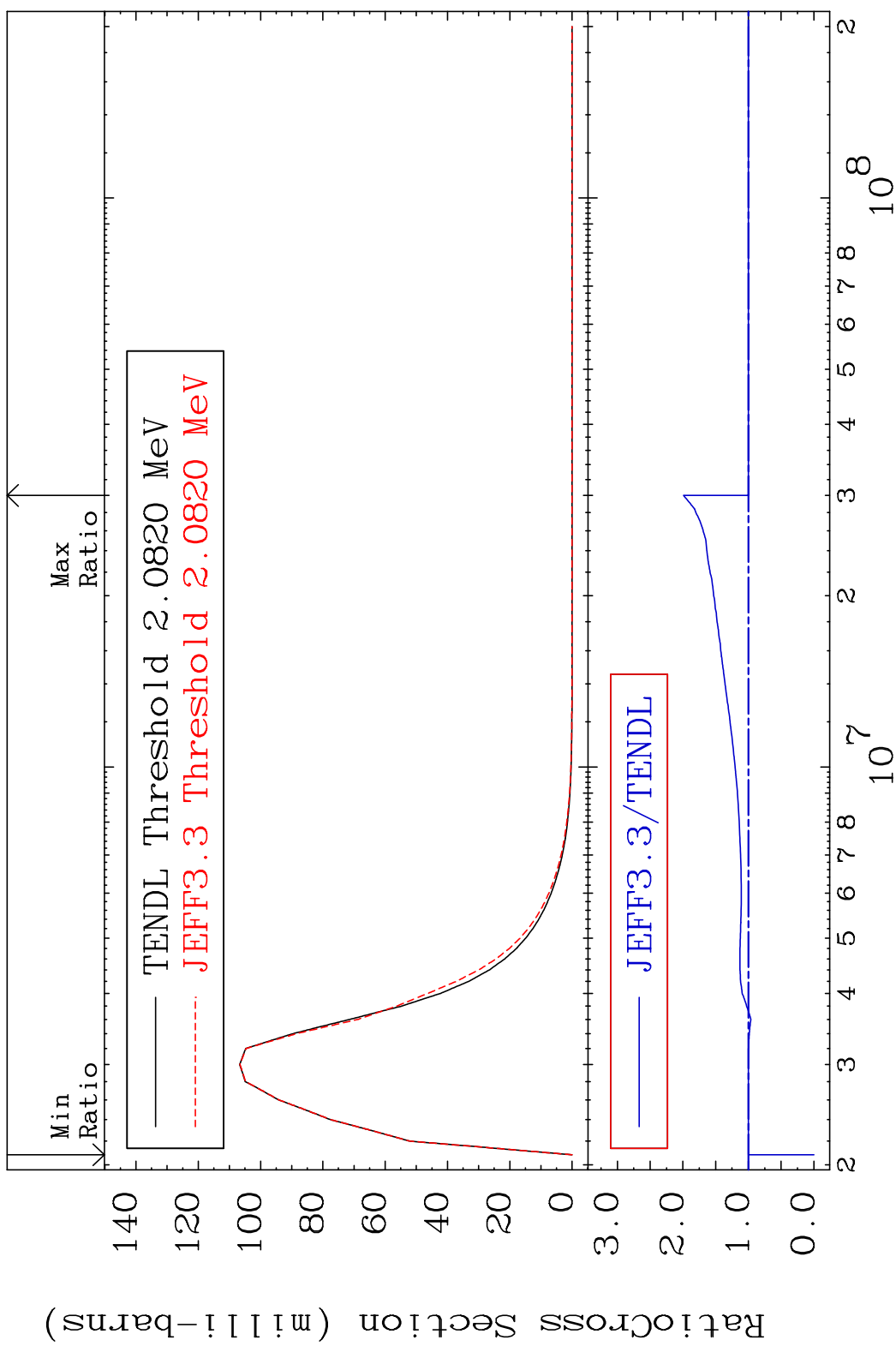


18 28-Ni-62

MAT 2837 MT= 51 (n, n') Level 28-Ni-62
 Cross Section -0.127 To 10.53 %

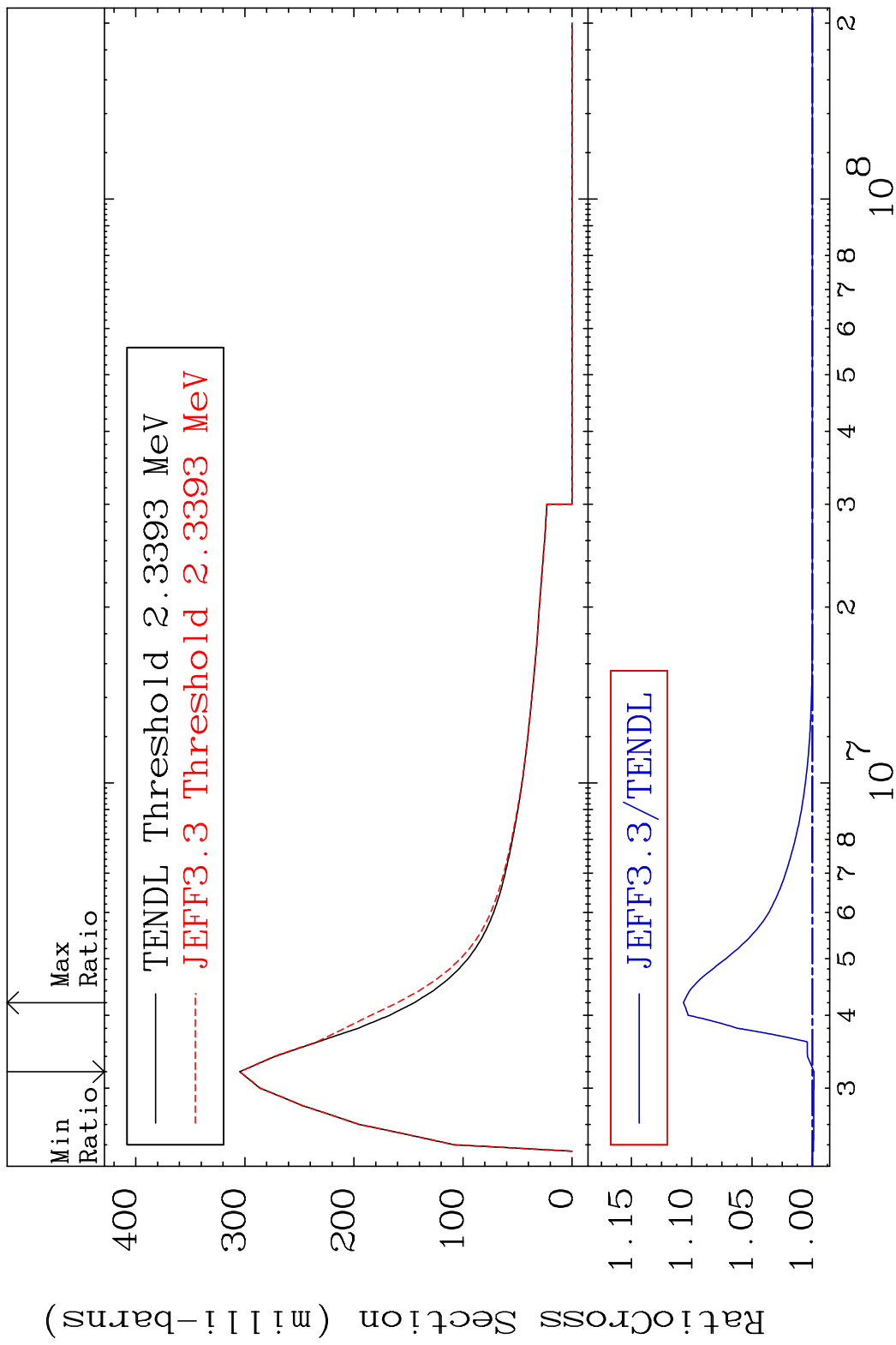


MAT 2837 MT= 52 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 99.17 %

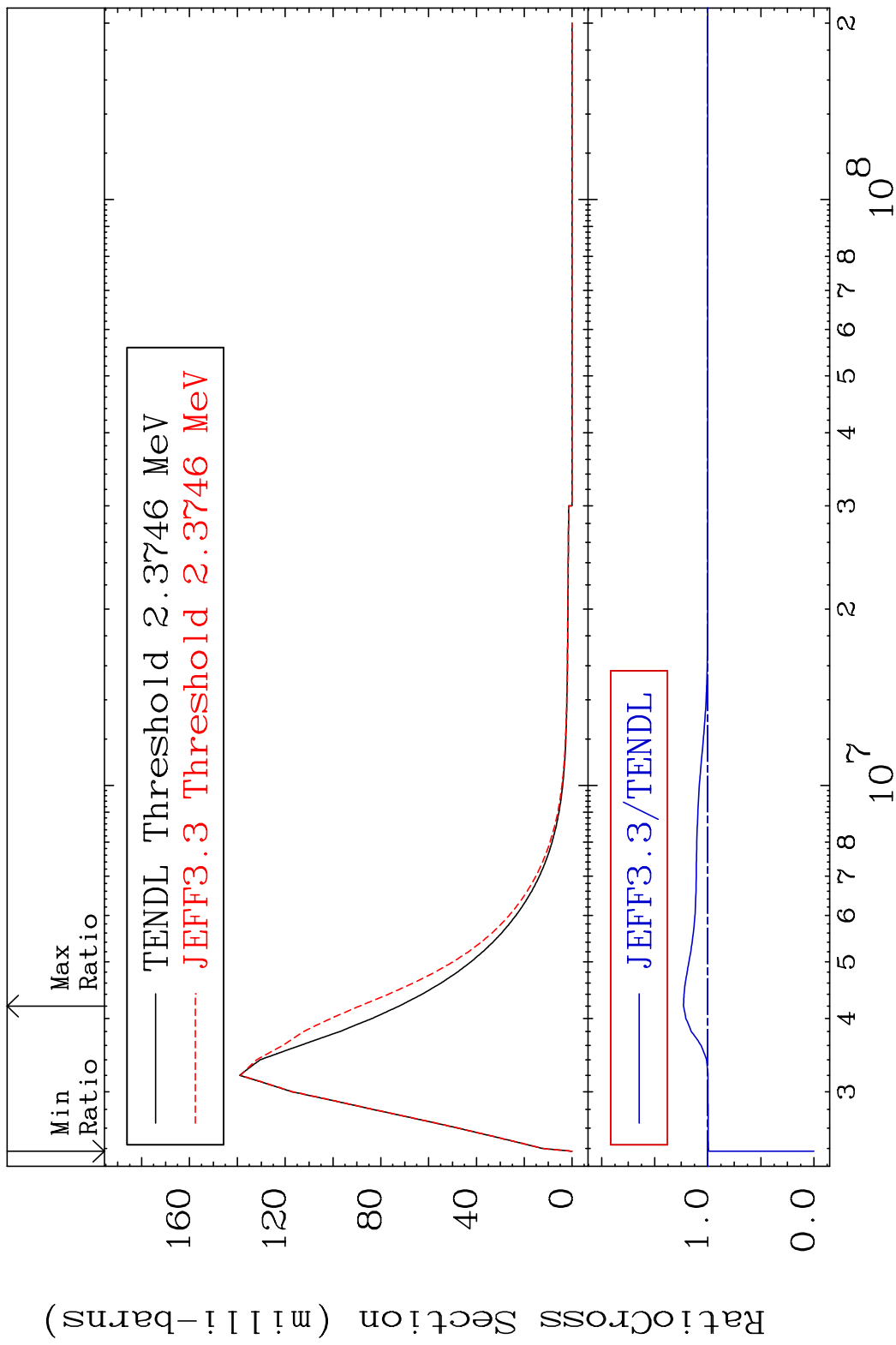


20 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 53 (n, n') Level 28-Ni-62
 Cross Section -0.126 To 10.69 %

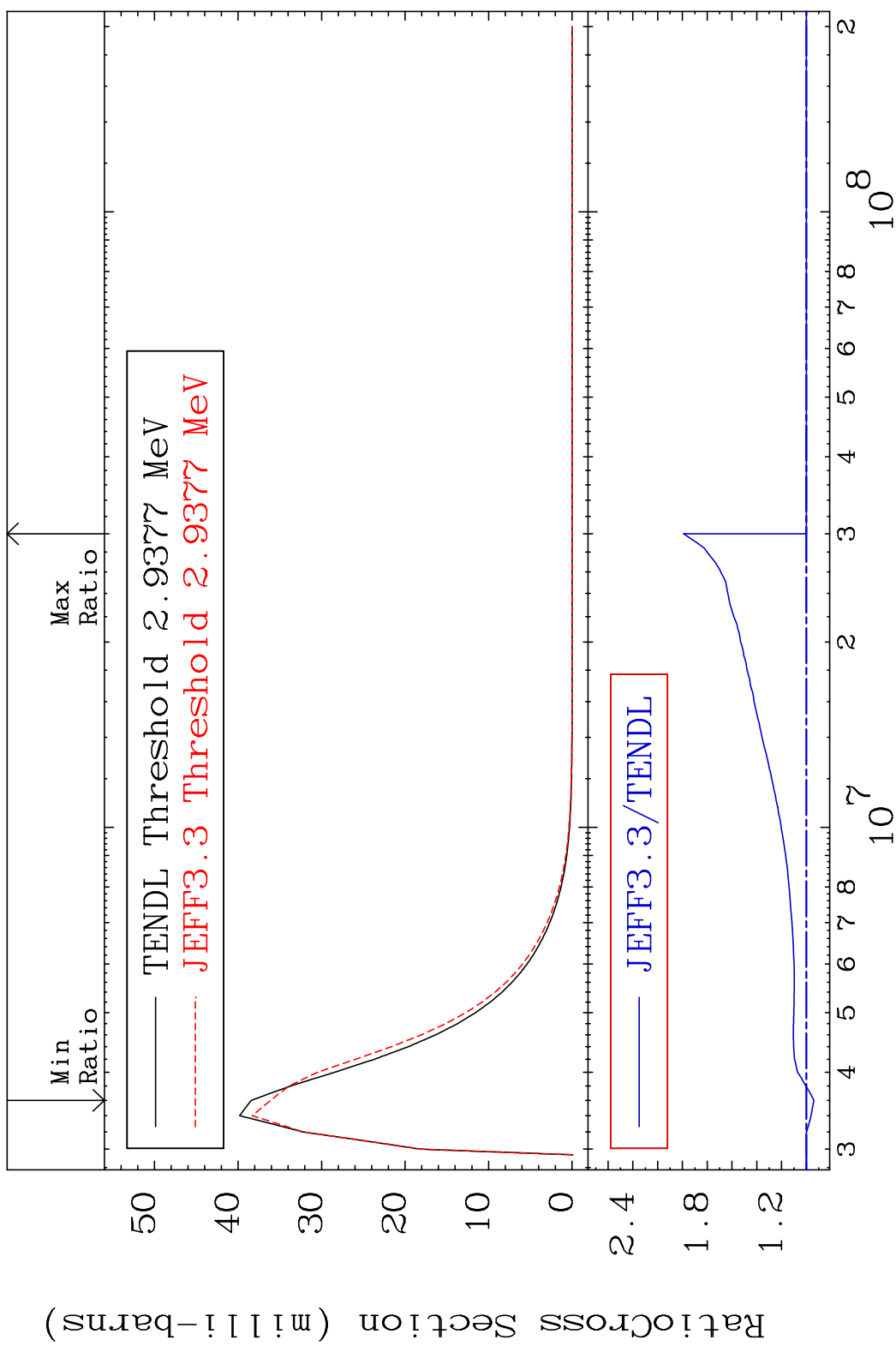


MAT 2837 MT= 54 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 22.91 %

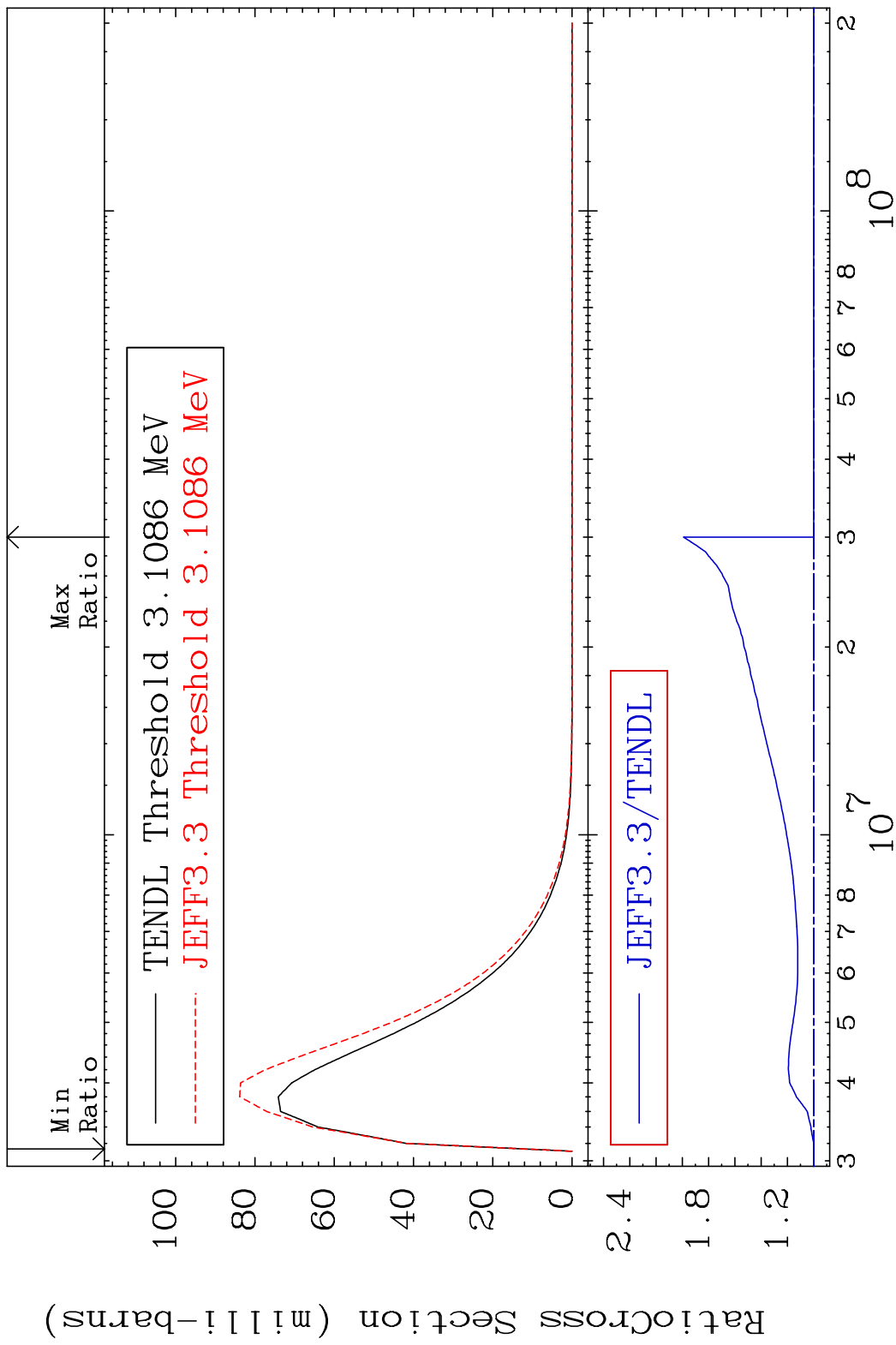


22 28-Ni-62

MAT 2837 MT= 55 (n, n') Level 28-Ni-62
 Cross Section -6.059 To 99.17 %

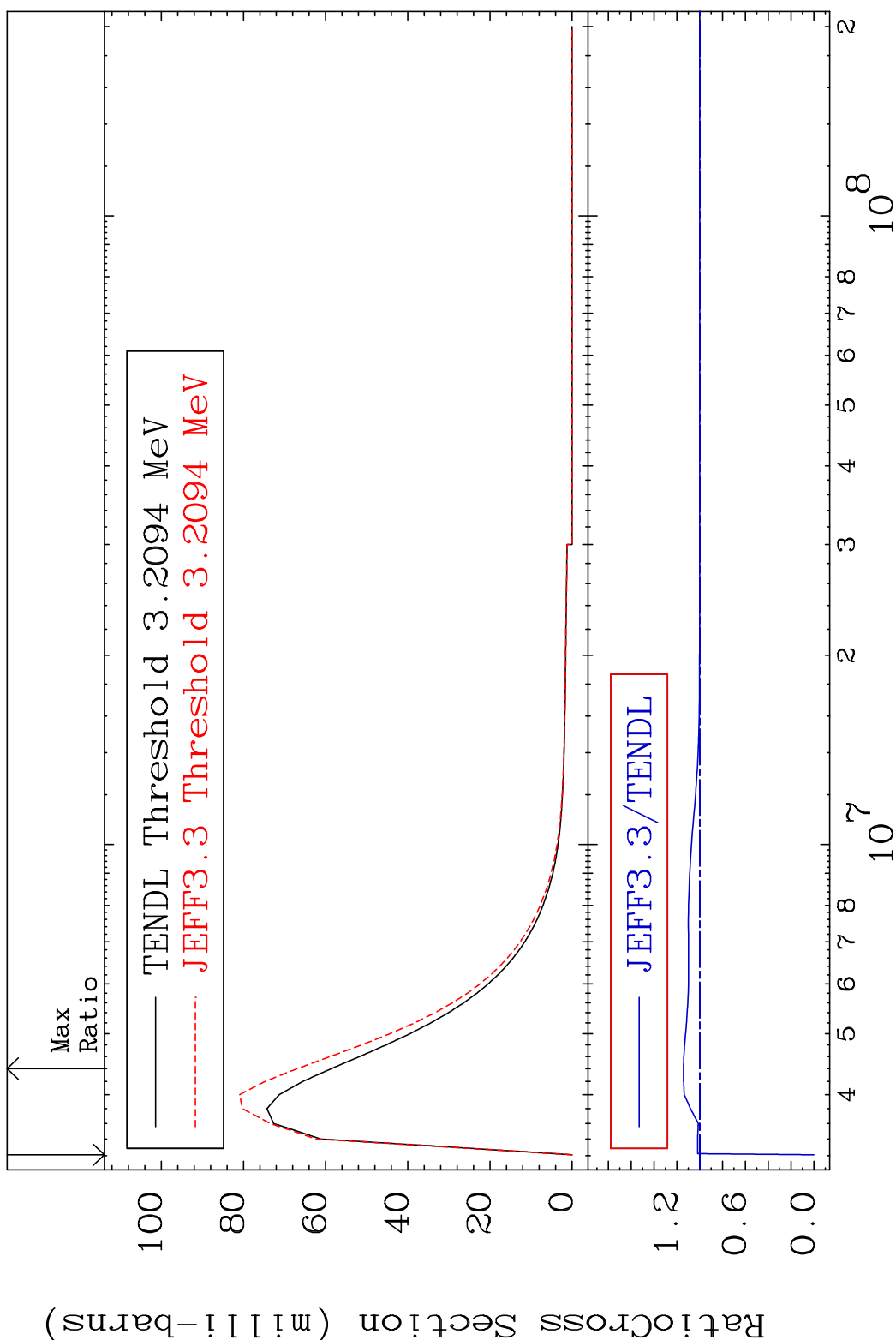


MAT 2837 MT= 56 (n, n') Level 28-Ni-62
 Cross Section -0.145 To 99.15 %



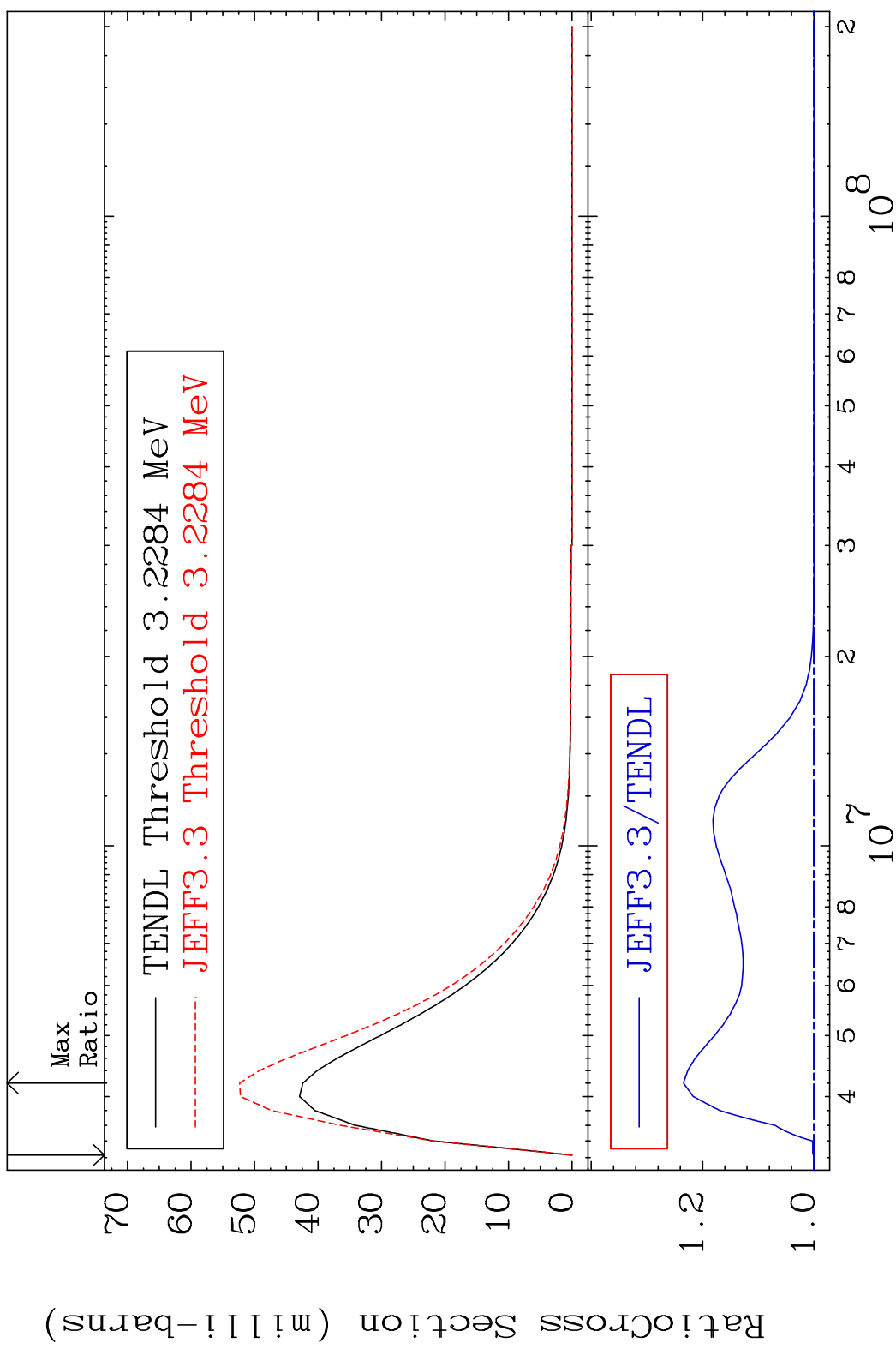
24 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 57 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 14.17 %

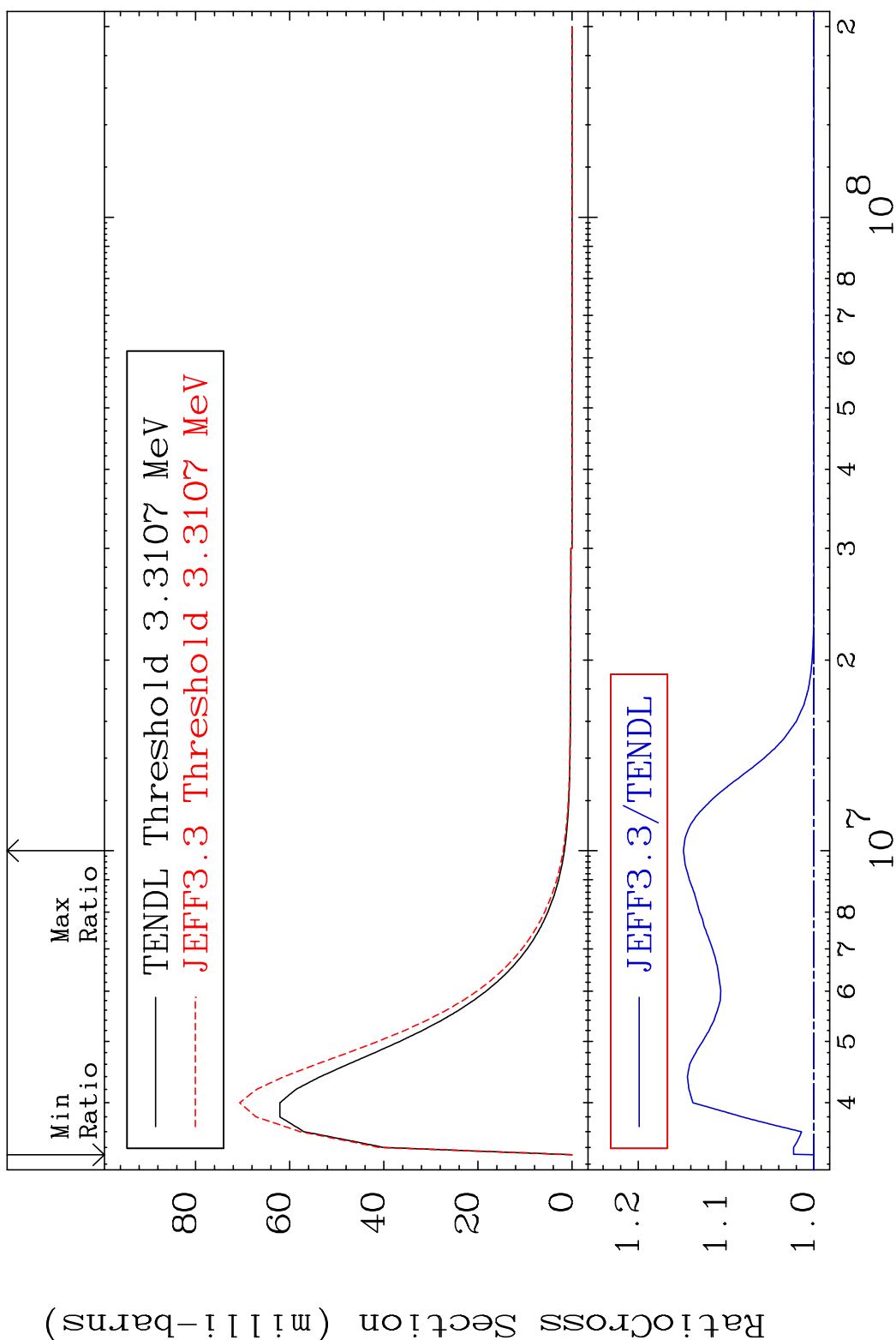


25 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 58 (n, n') Level 28-Ni-62
 Cross Section 0.000 To 23.44 %

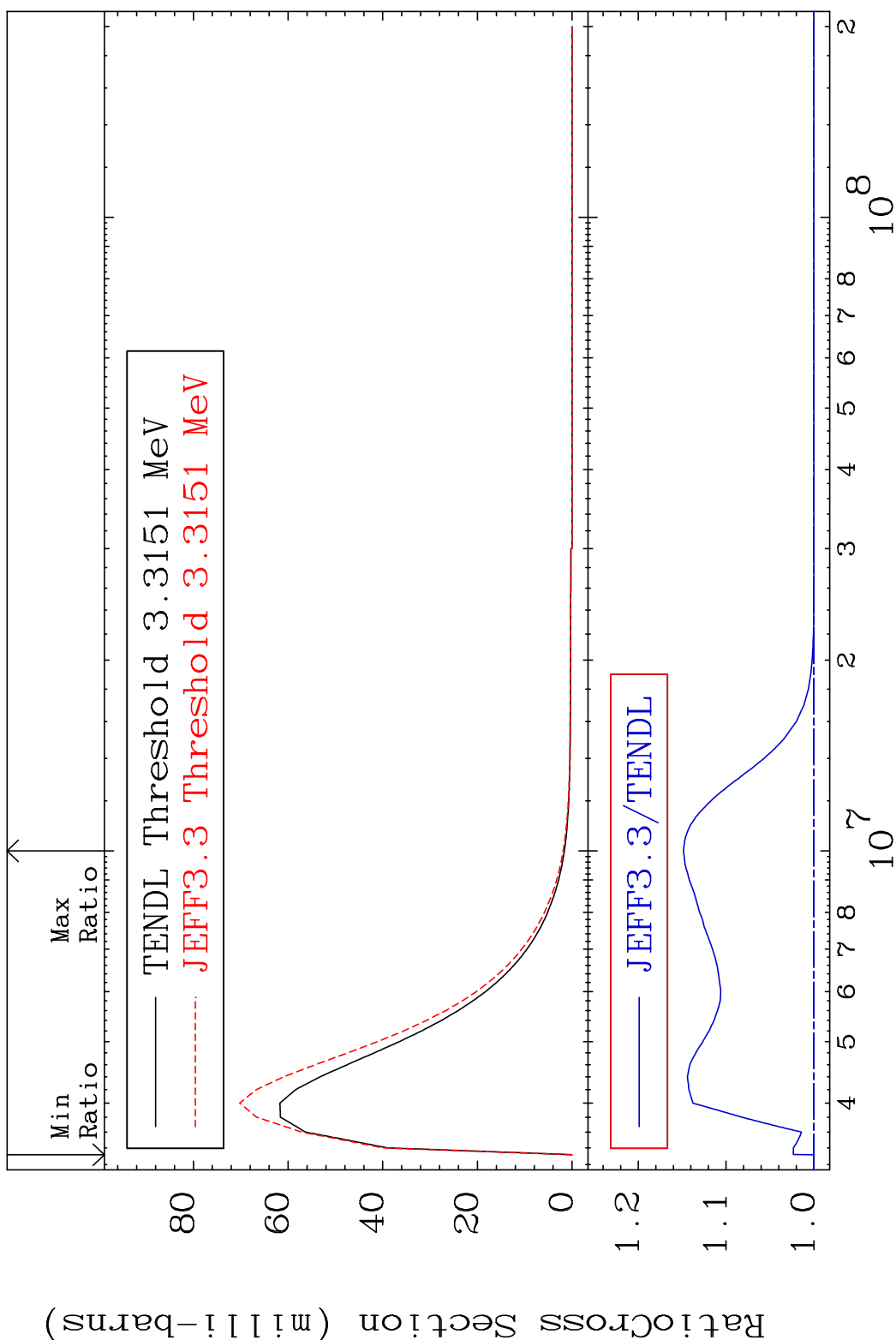


MAT 2837 MT= 59 (n, n') Level 28-Ni-62
 Cross Section 0.000 To 14.85 %

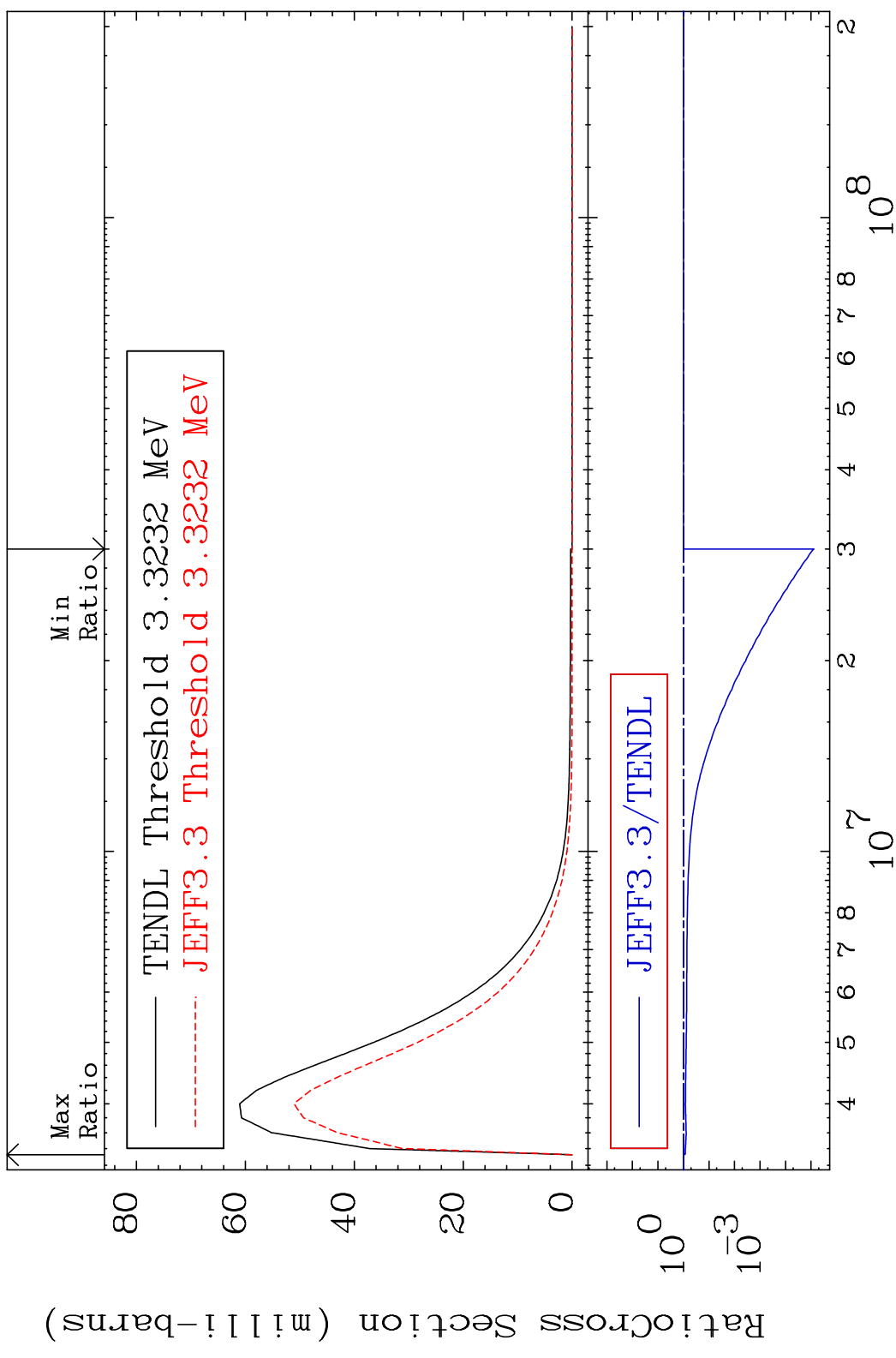


27 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 60 (n, n') Level 28-Ni-62
 Cross Section 0.000 To 14.85 %

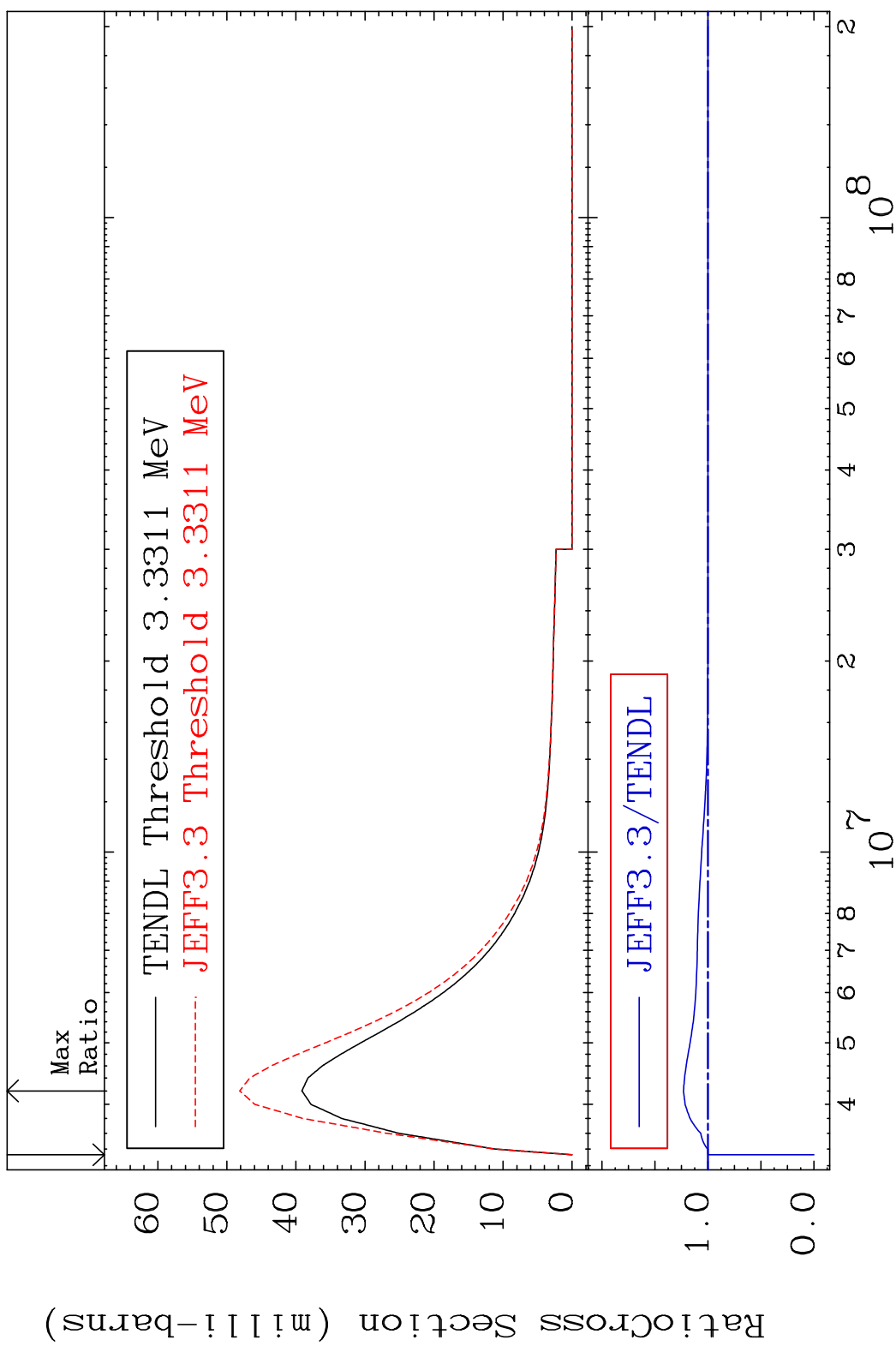


MAT 2837 MT= 61 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 0.000 %



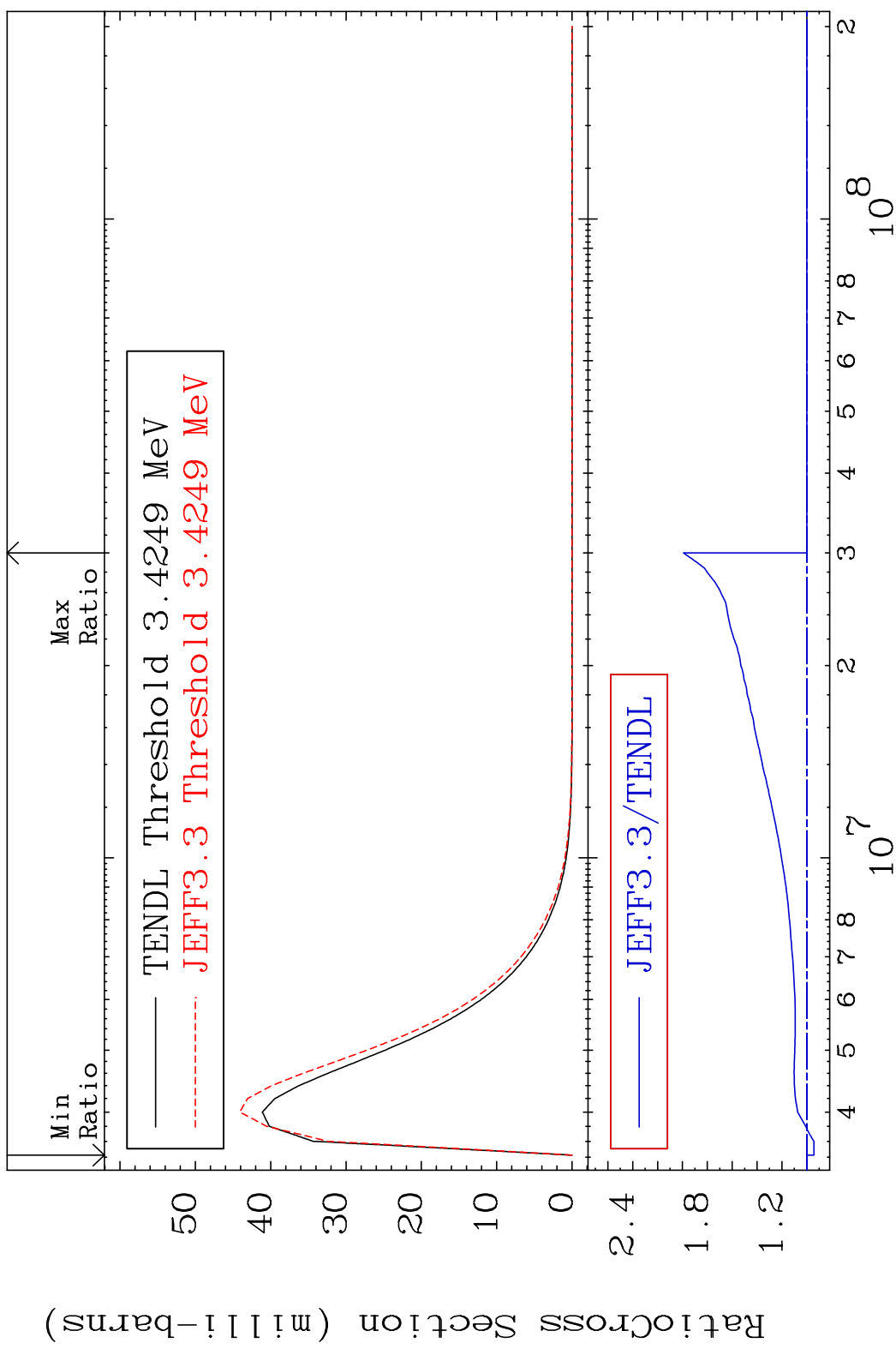
29 Incident Energy (eV) 28-Ni-62

MAT 2837 MT= 62 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 23.03 %

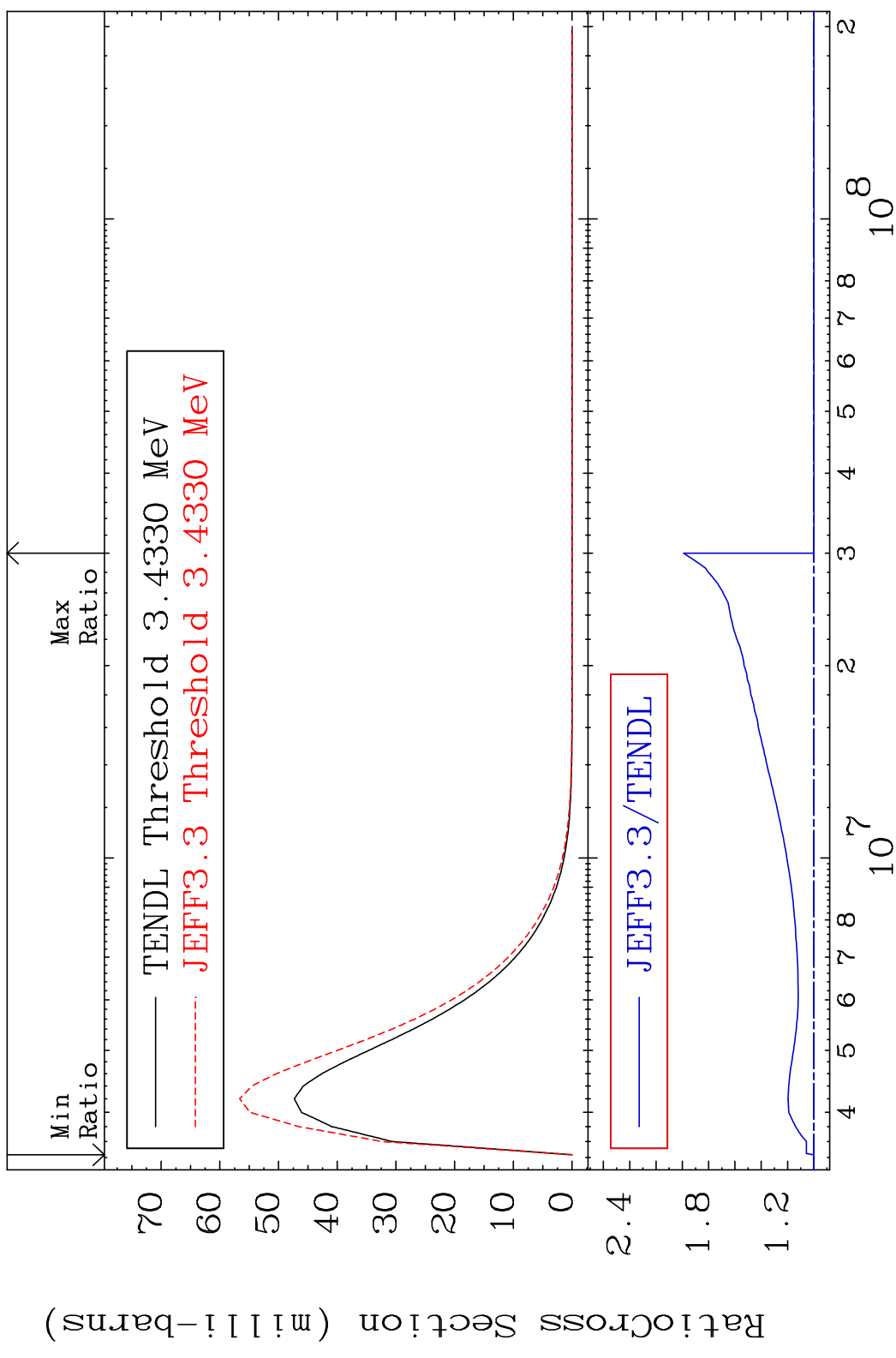


30 Incident Energy (eV) 28-Ni-62

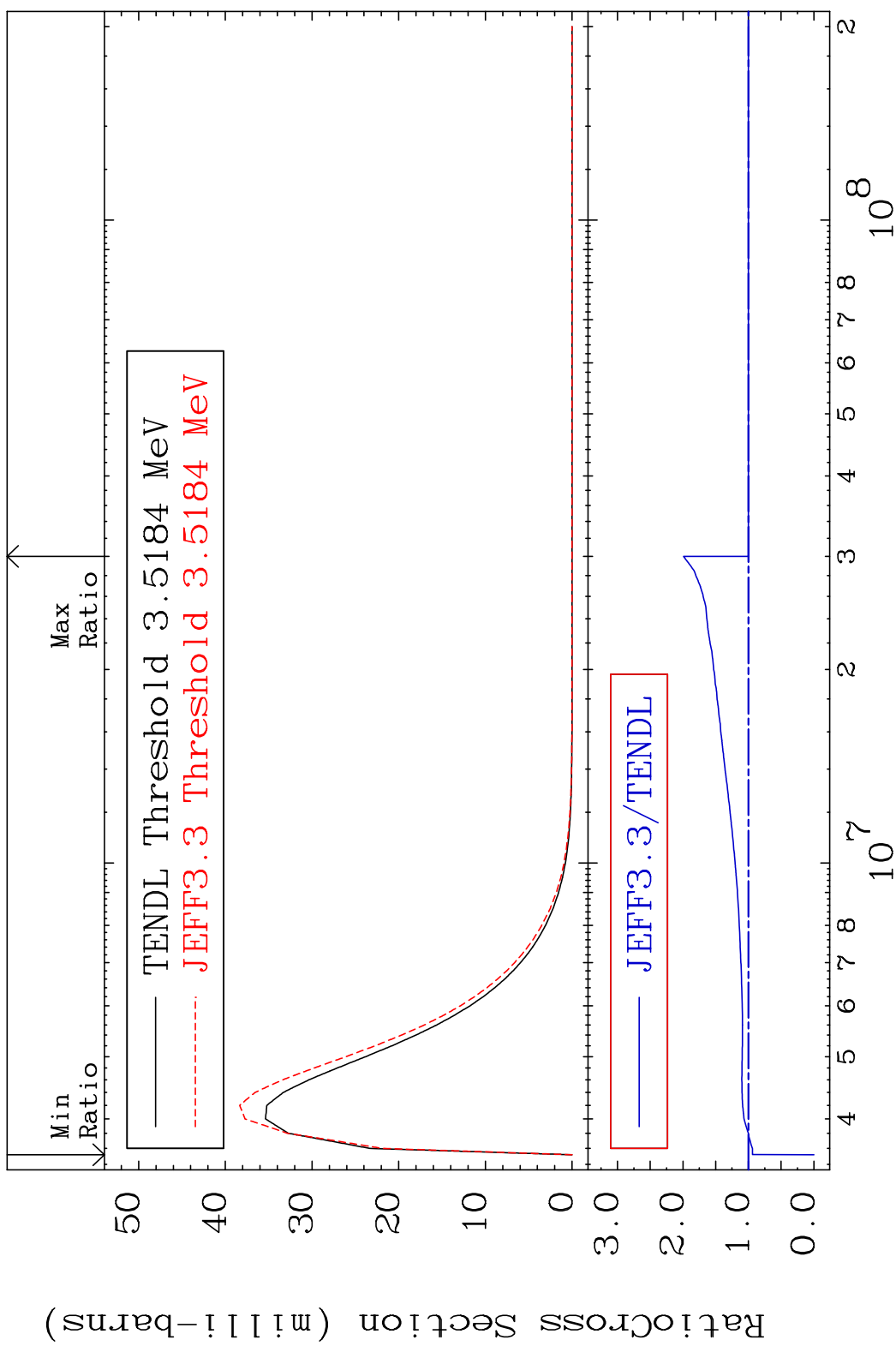
MAT 2837 MT= 63 (n, n') Level 28-Ni-62
 Cross Section -5.721 To 99.19 %



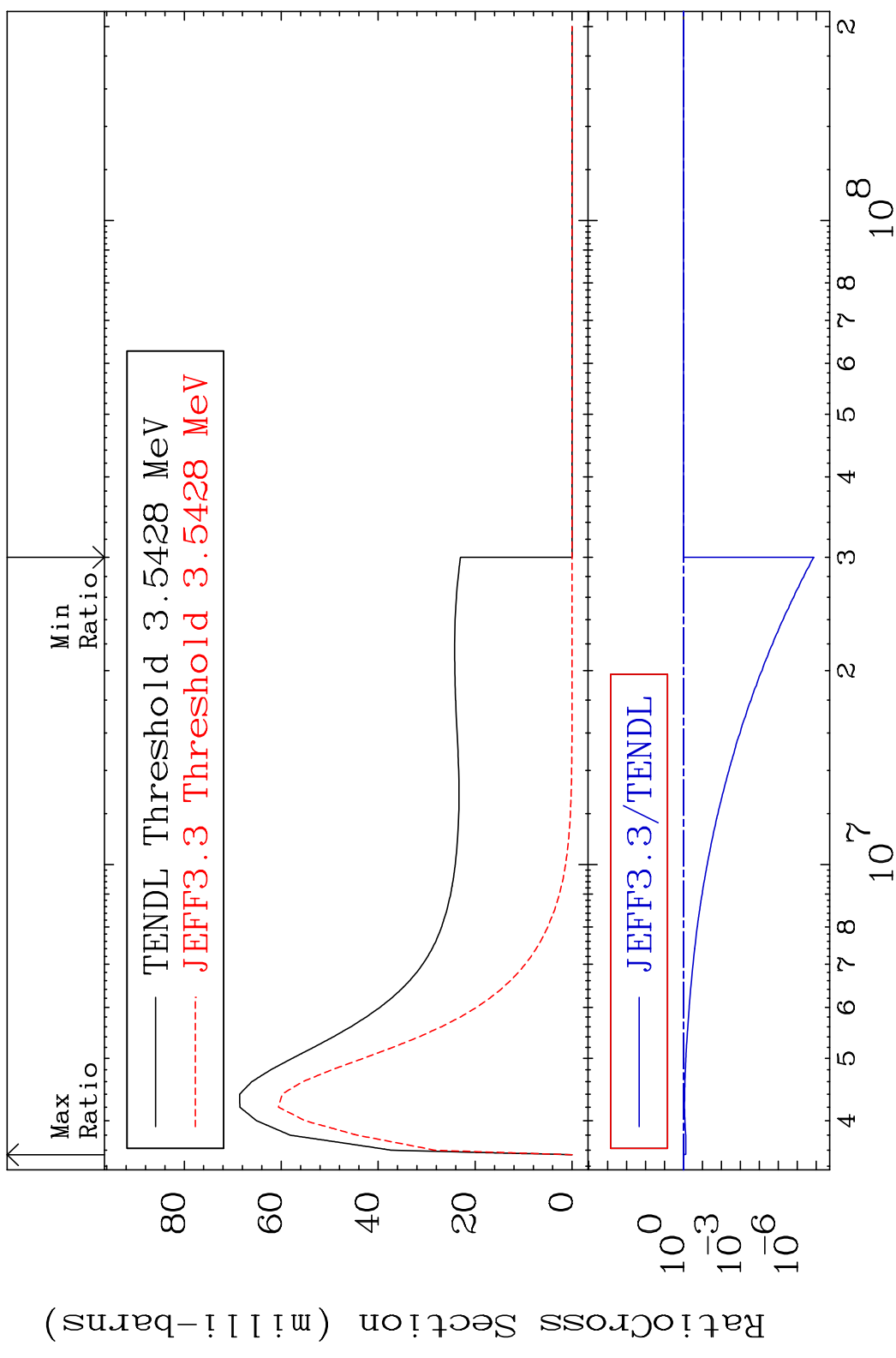
MAT 2837 MT= 64 (n, n') Level 28-Ni-62
 Cross Section 0.000 To 99.15 %



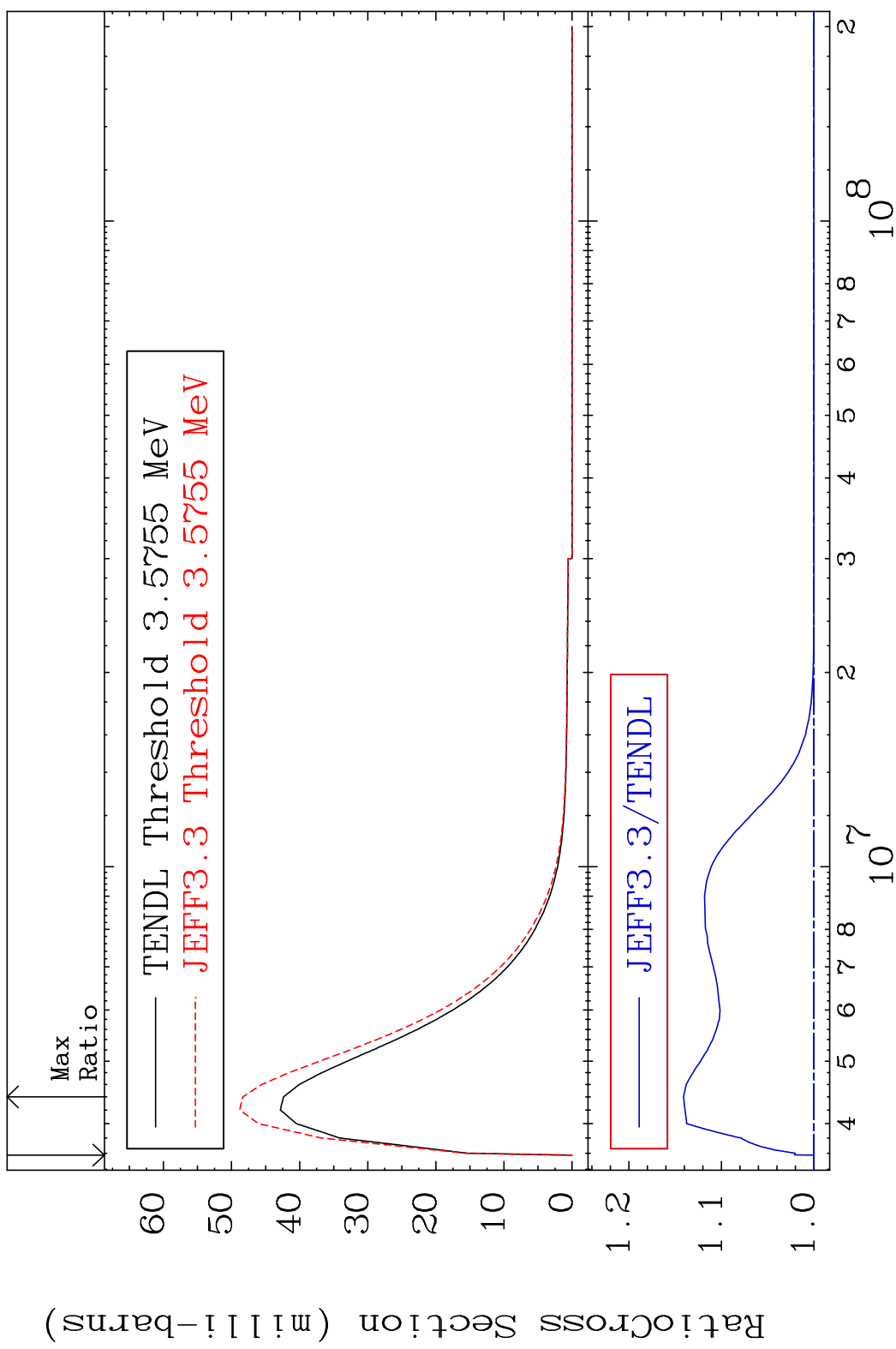
MAT 2837 MT= 65 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 99.19 %



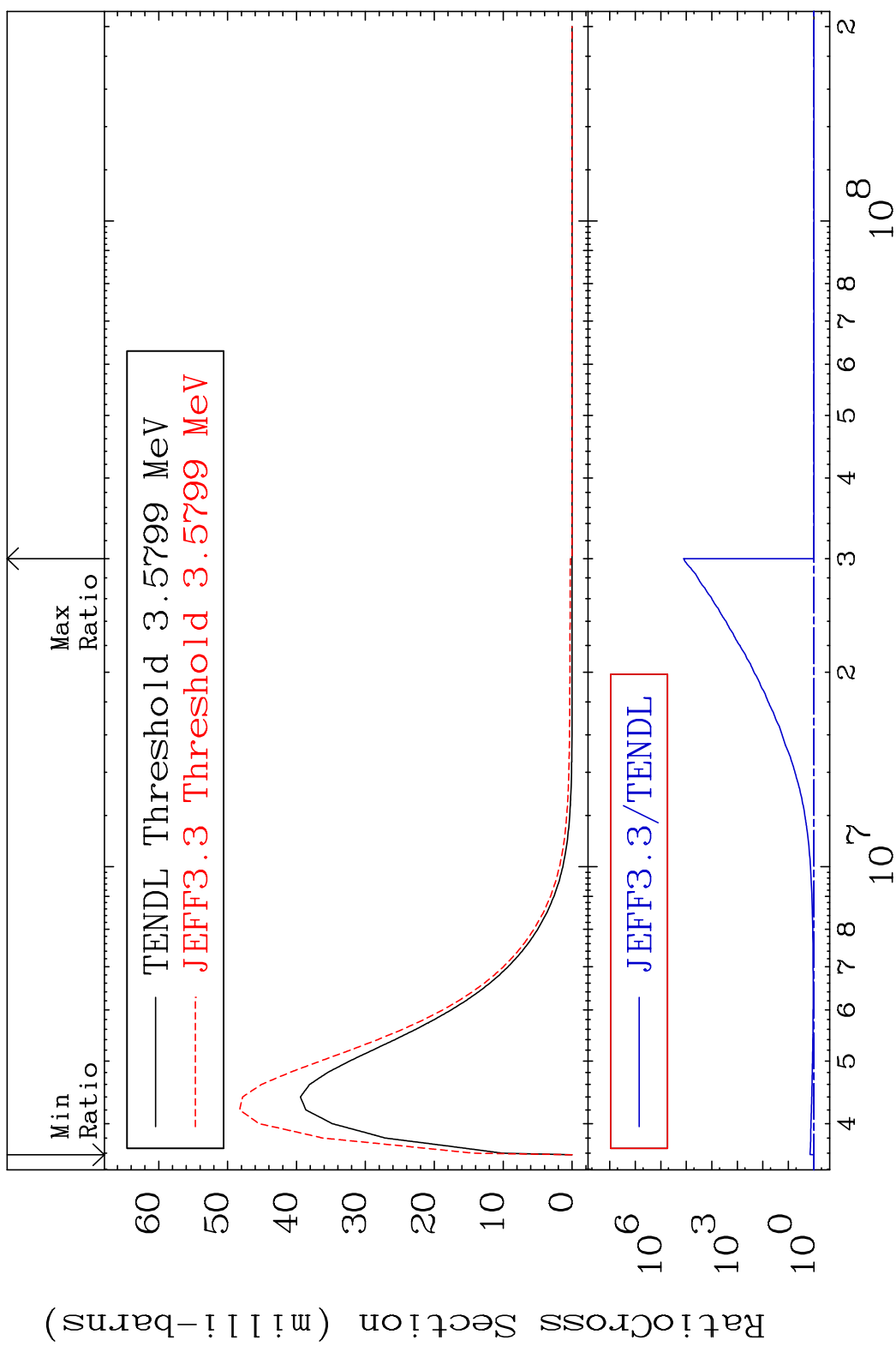
MAT 2837 MT= 66 (n, n') Level 28-Ni-62
 Cross Section -100.0 To 0.000 %



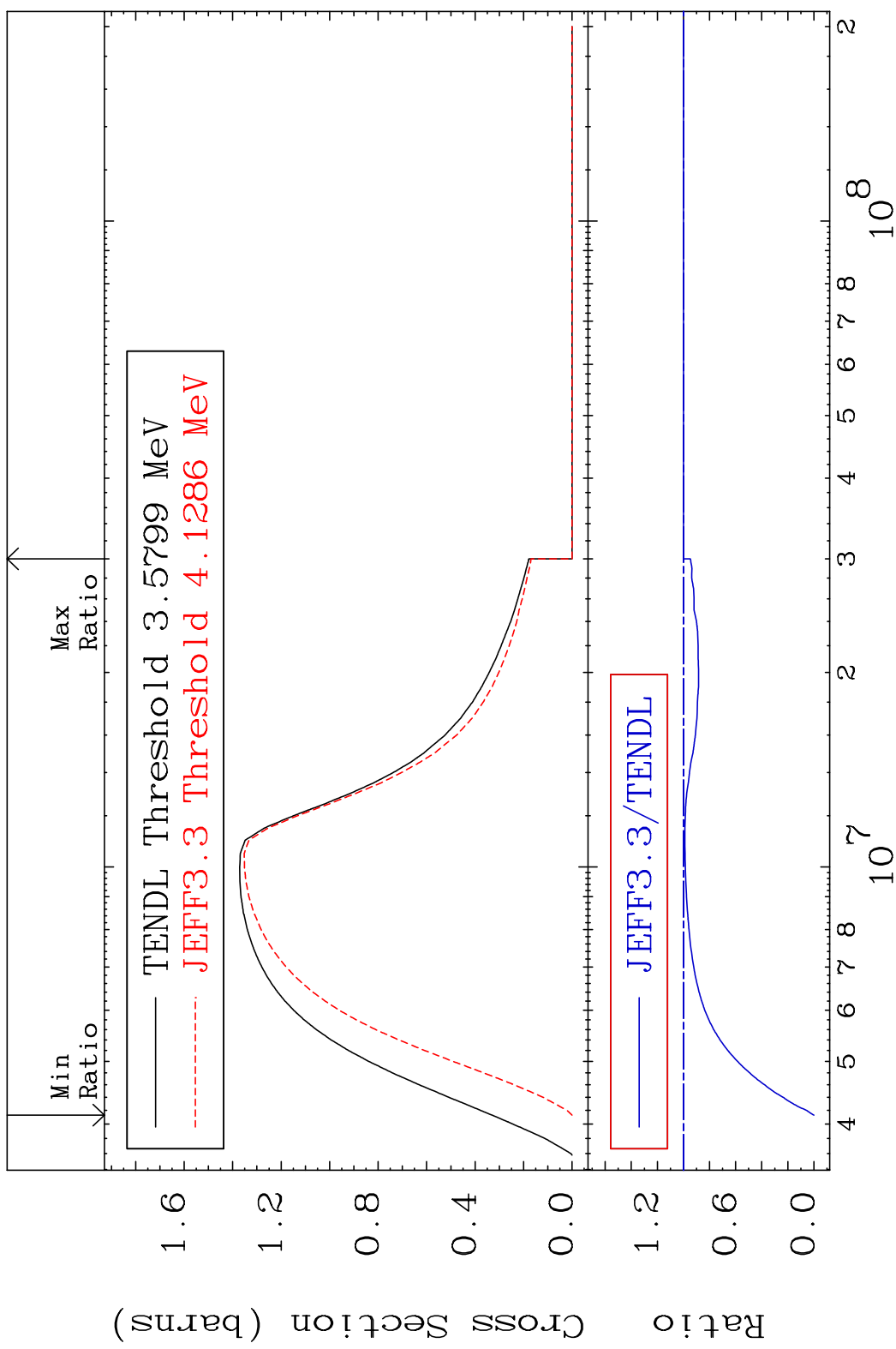
MAT 2837 MT= 67 (n, n') Level 28-Ni-62
 Cross Section 0.000 To 14.10 %



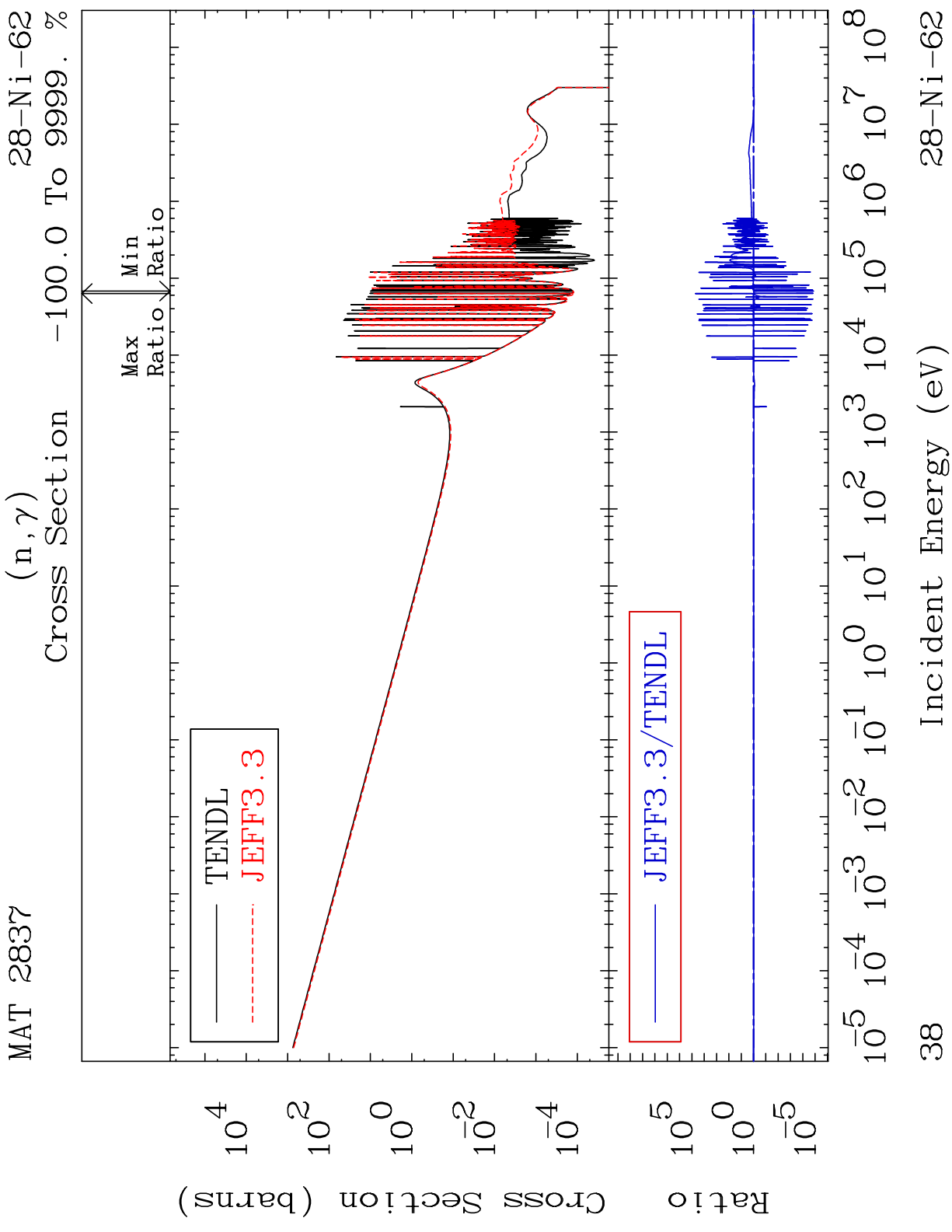
MAT 2837 MT= 68 (n, n') Level 28-Ni-62
 Cross Section 0.000 To 9999. %

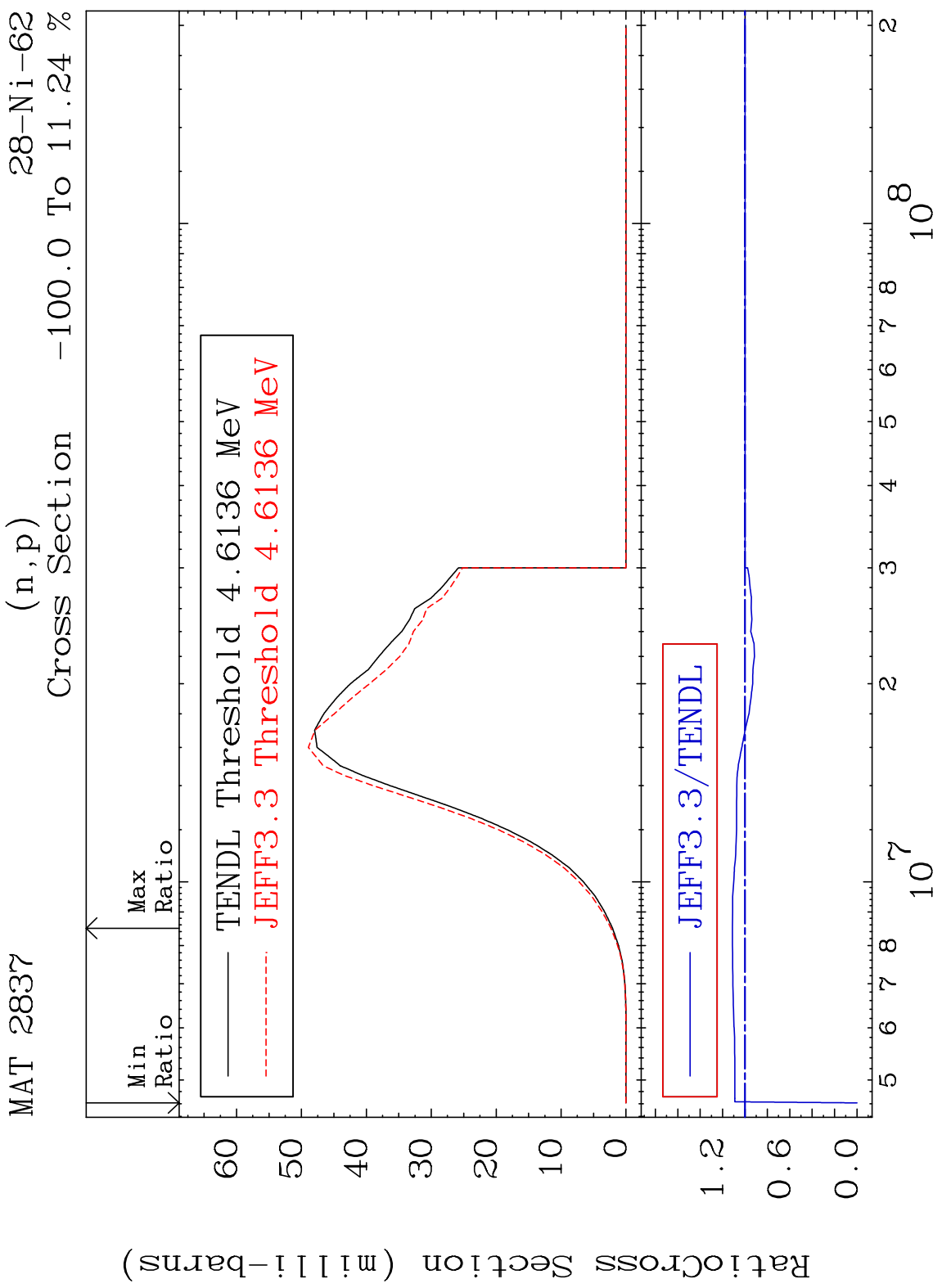


MAT 2837 (n, n') Continuum 28-Ni-62
 Cross Section -100.0 To 0.000 %

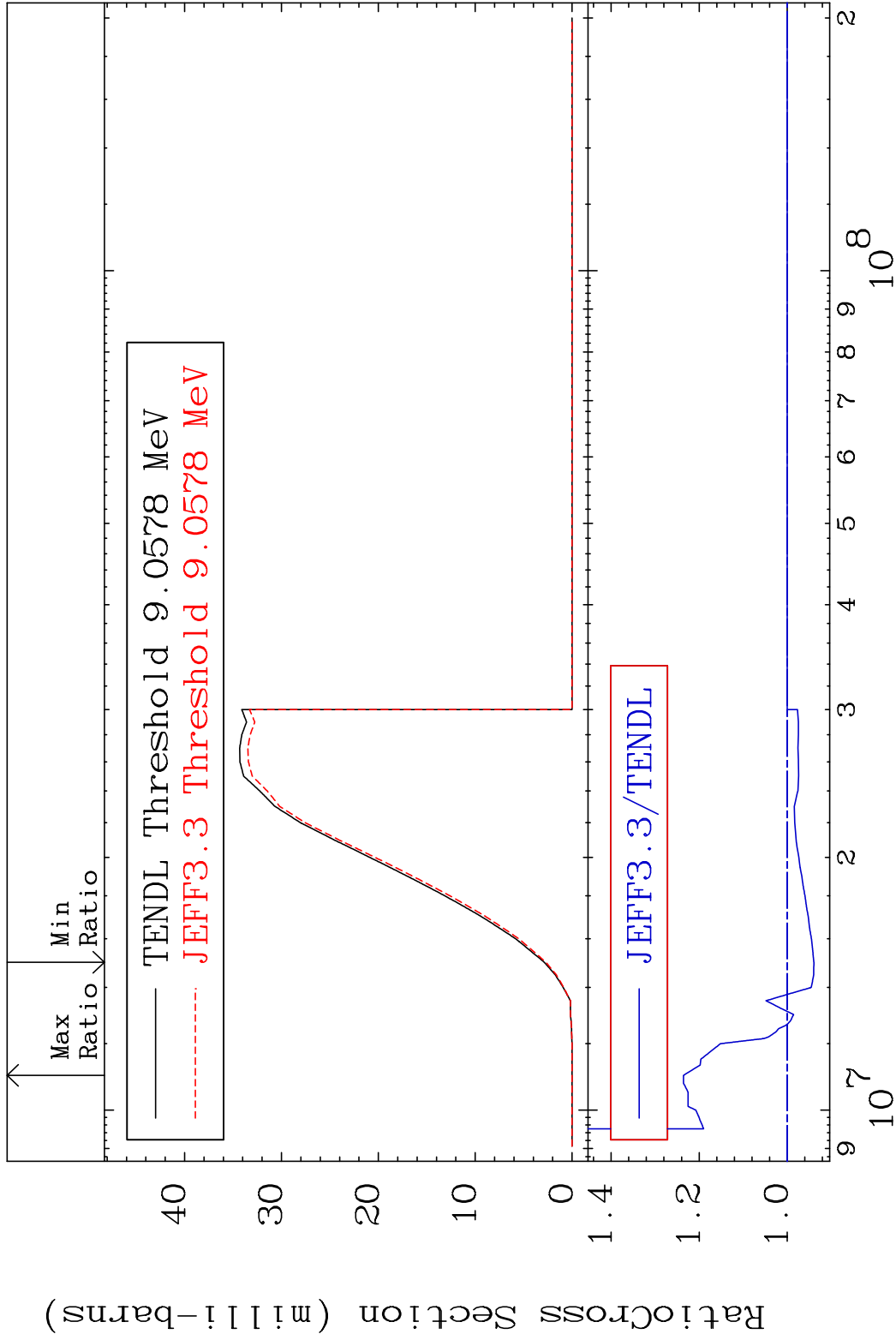


37 Incident Energy (eV) 28-Ni-62



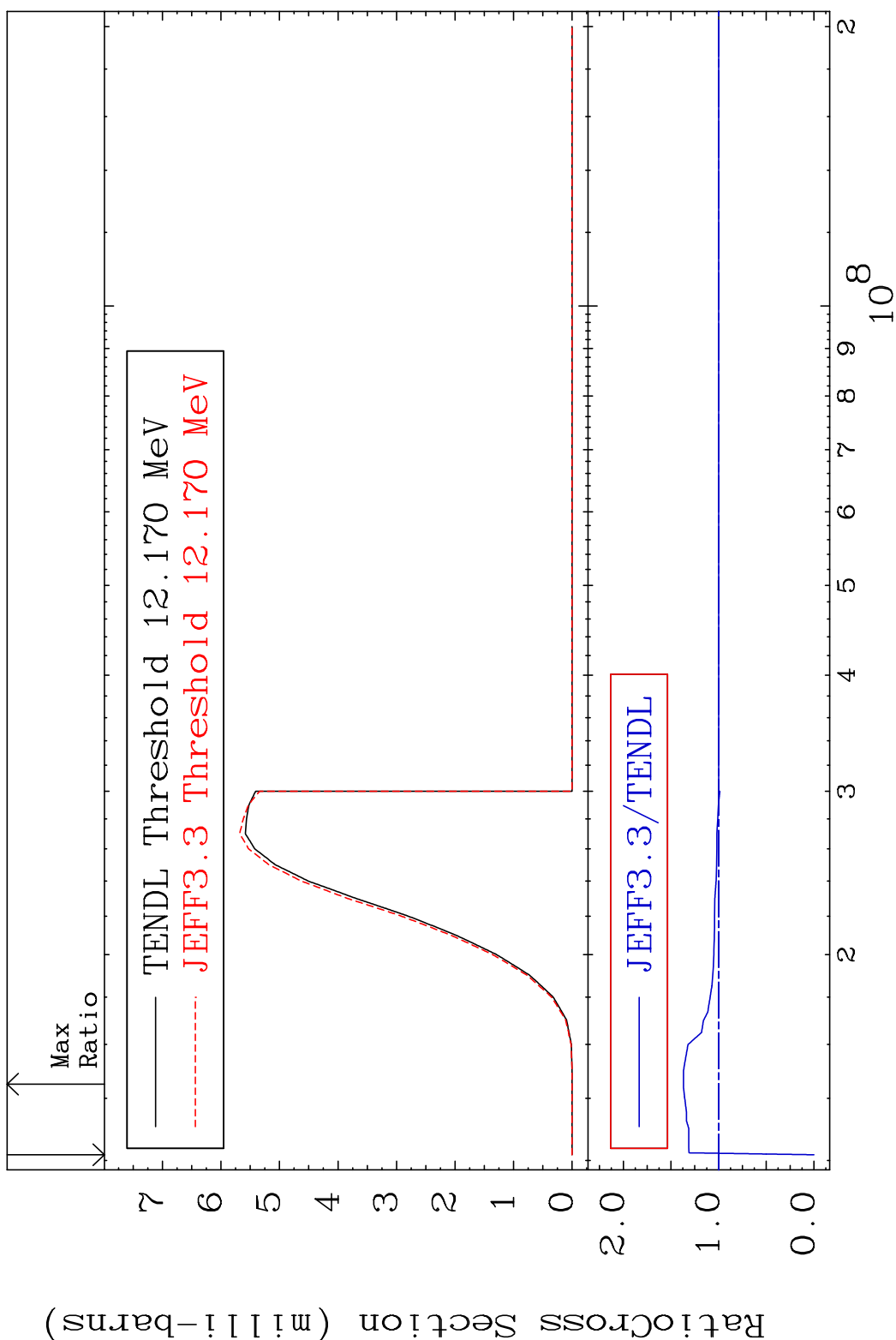


MAT 2837 (n, d) 28-Ni-62
 Cross Section -6.059 To 23.57 %



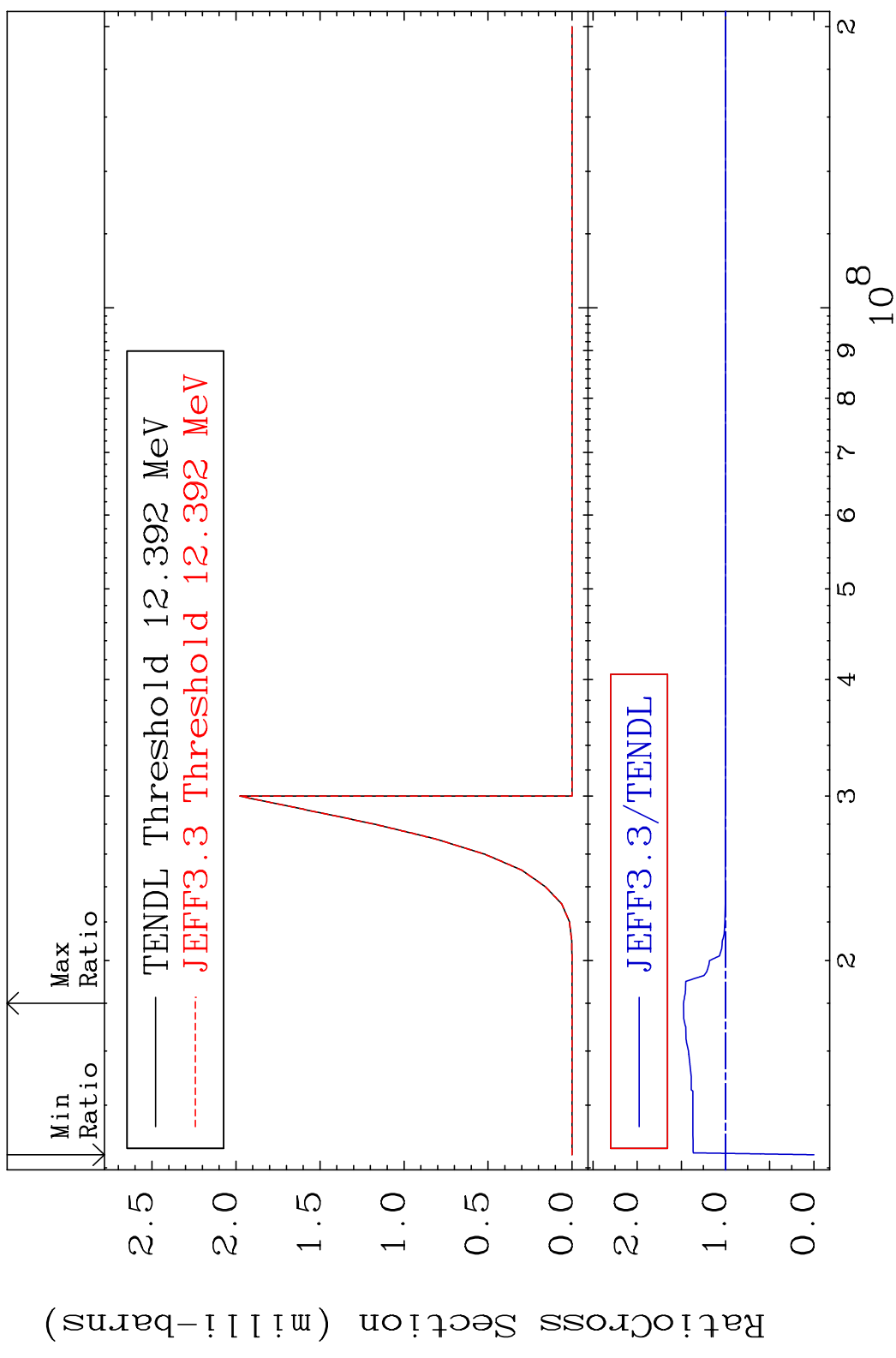
40 Incident Energy (eV) 28-Ni-62

MAT 2837 (n, t) 28-Ni-62
 Cross Section -100.0 To 36.88 %

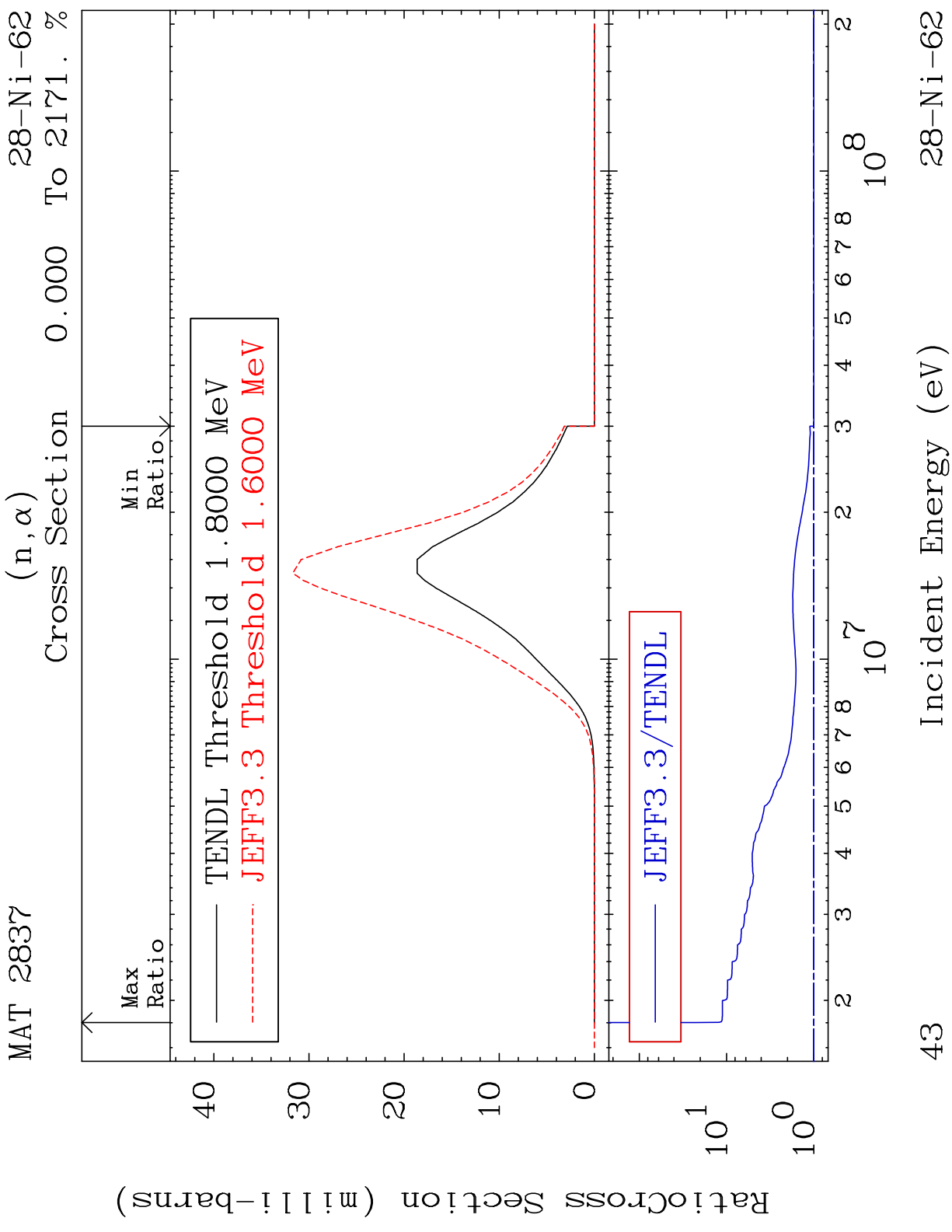


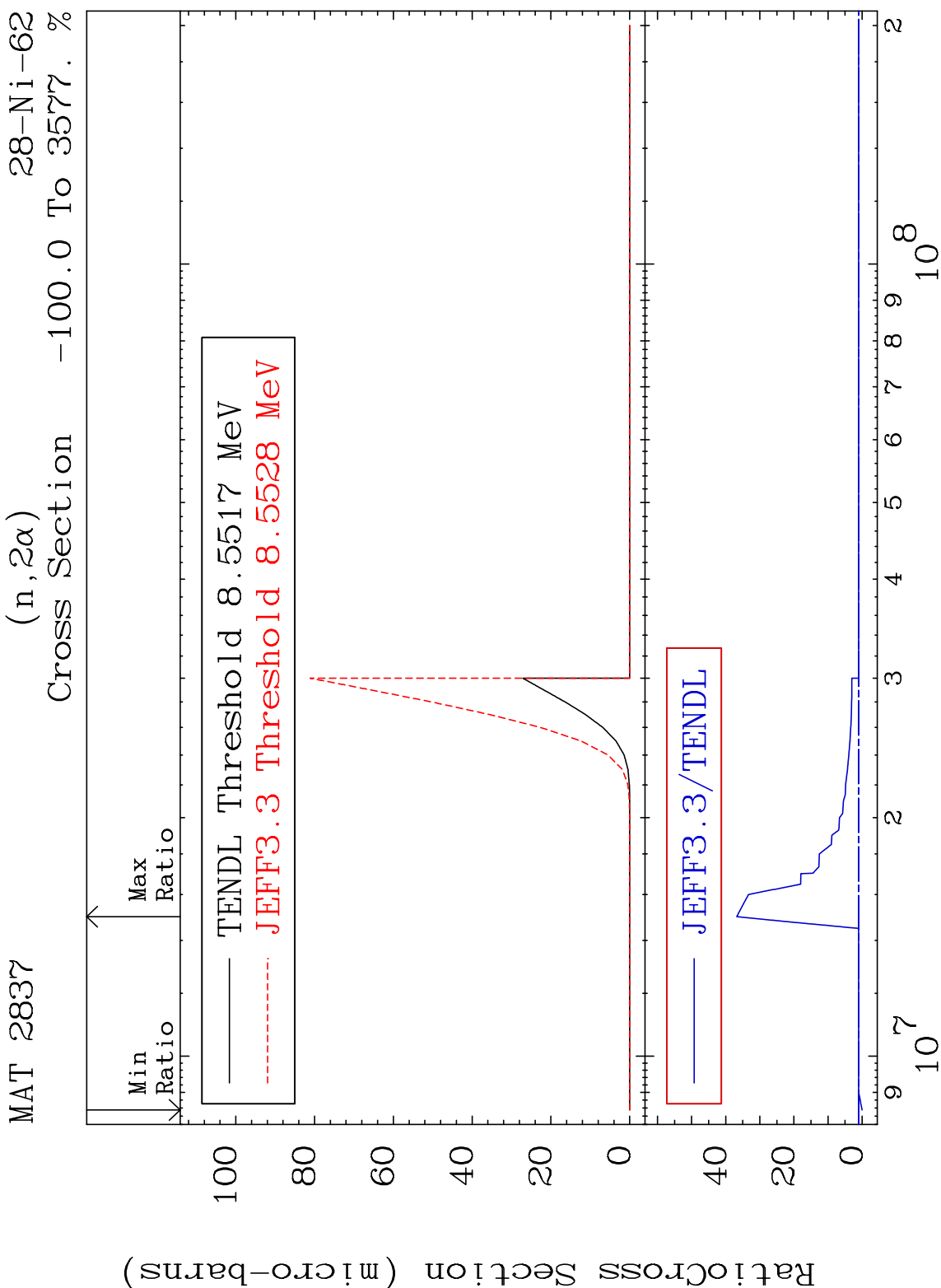
41 28-Ni-62

MAT 2837 (n, He-3) 28-Ni-62
 Cross Section -100.0 To 47.59 %

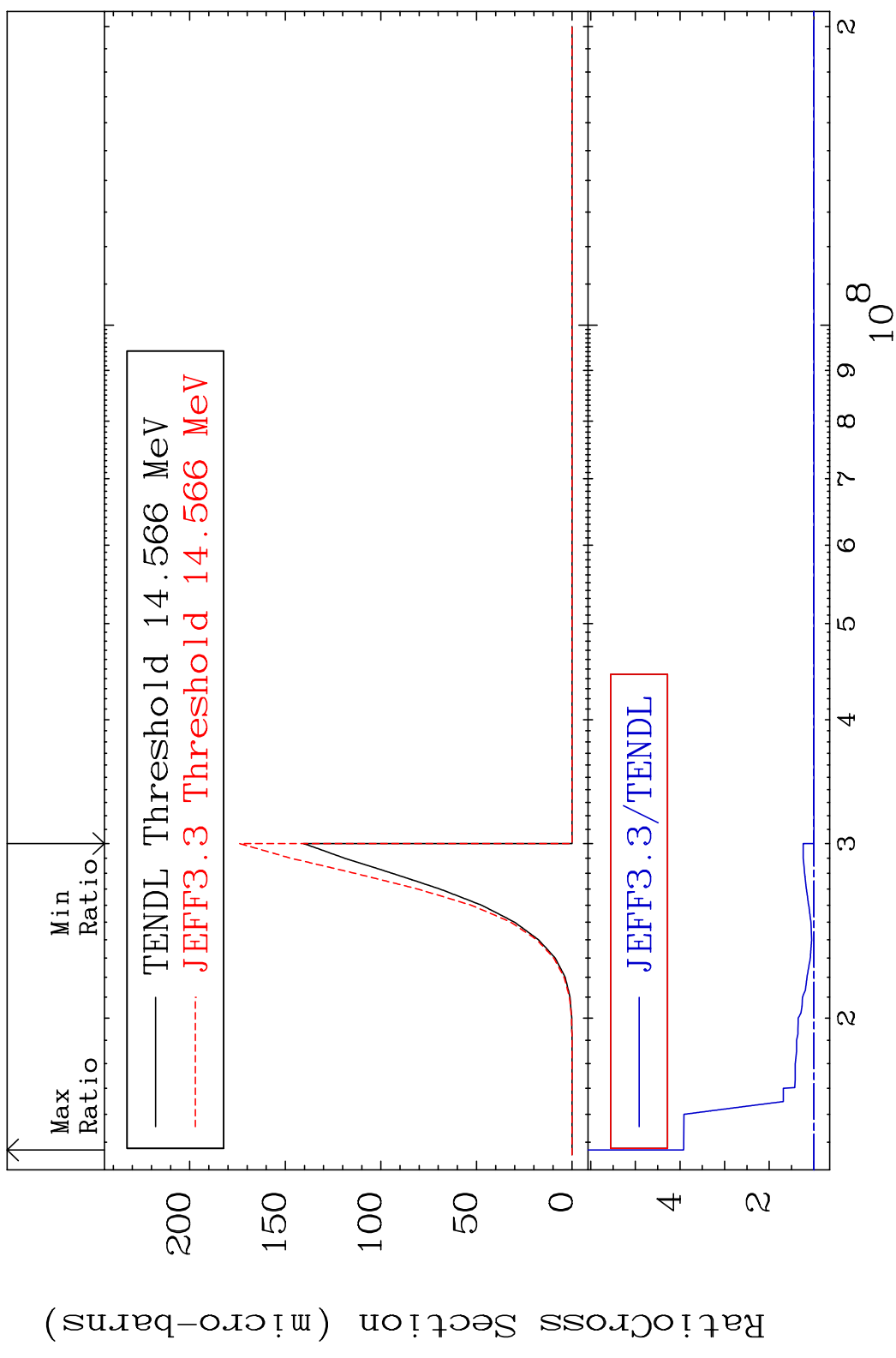


42 28-Ni-62



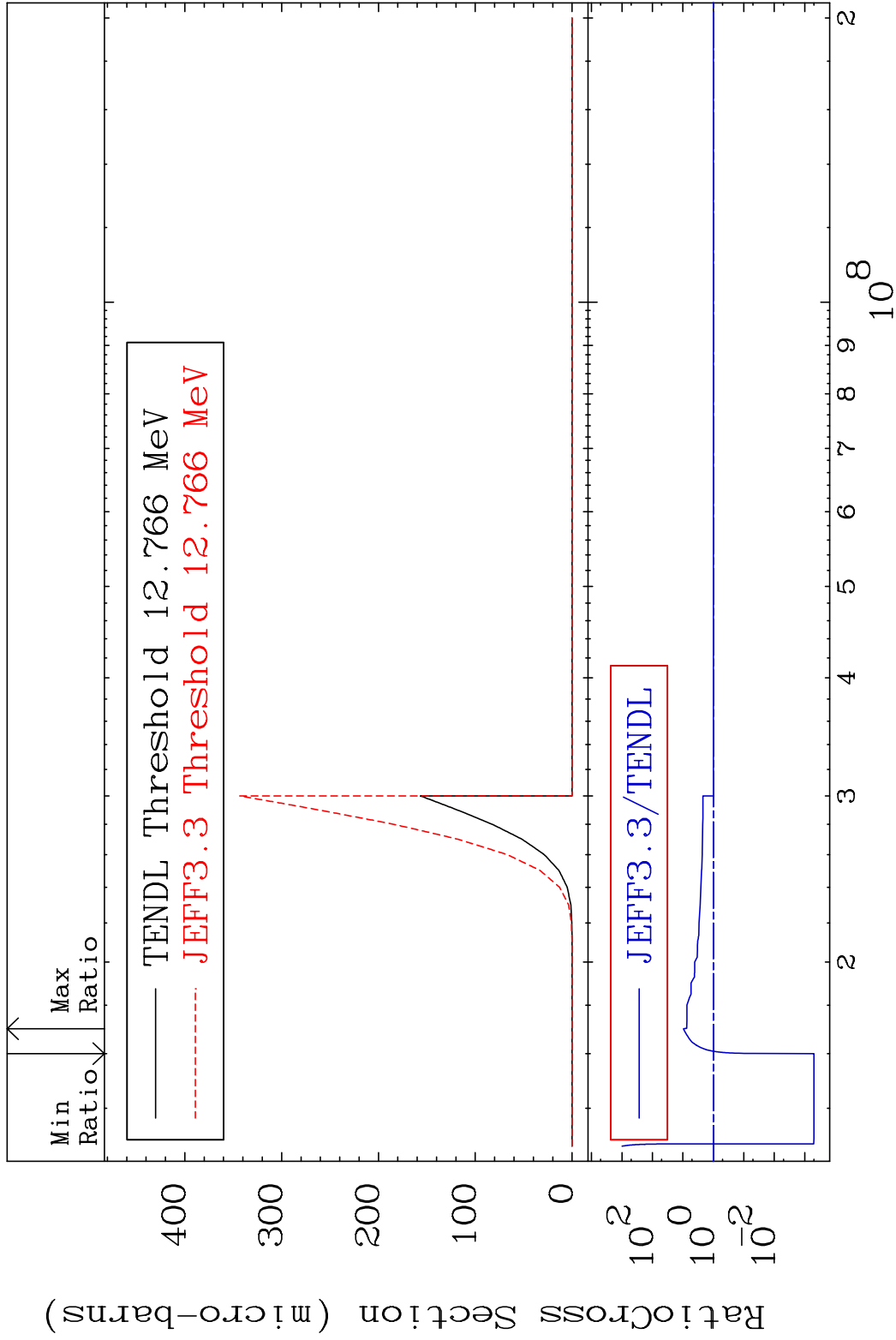


MAT 2837 (n,2p) 28-Ni-62
 Cross Section 0.000 To 292.2 %

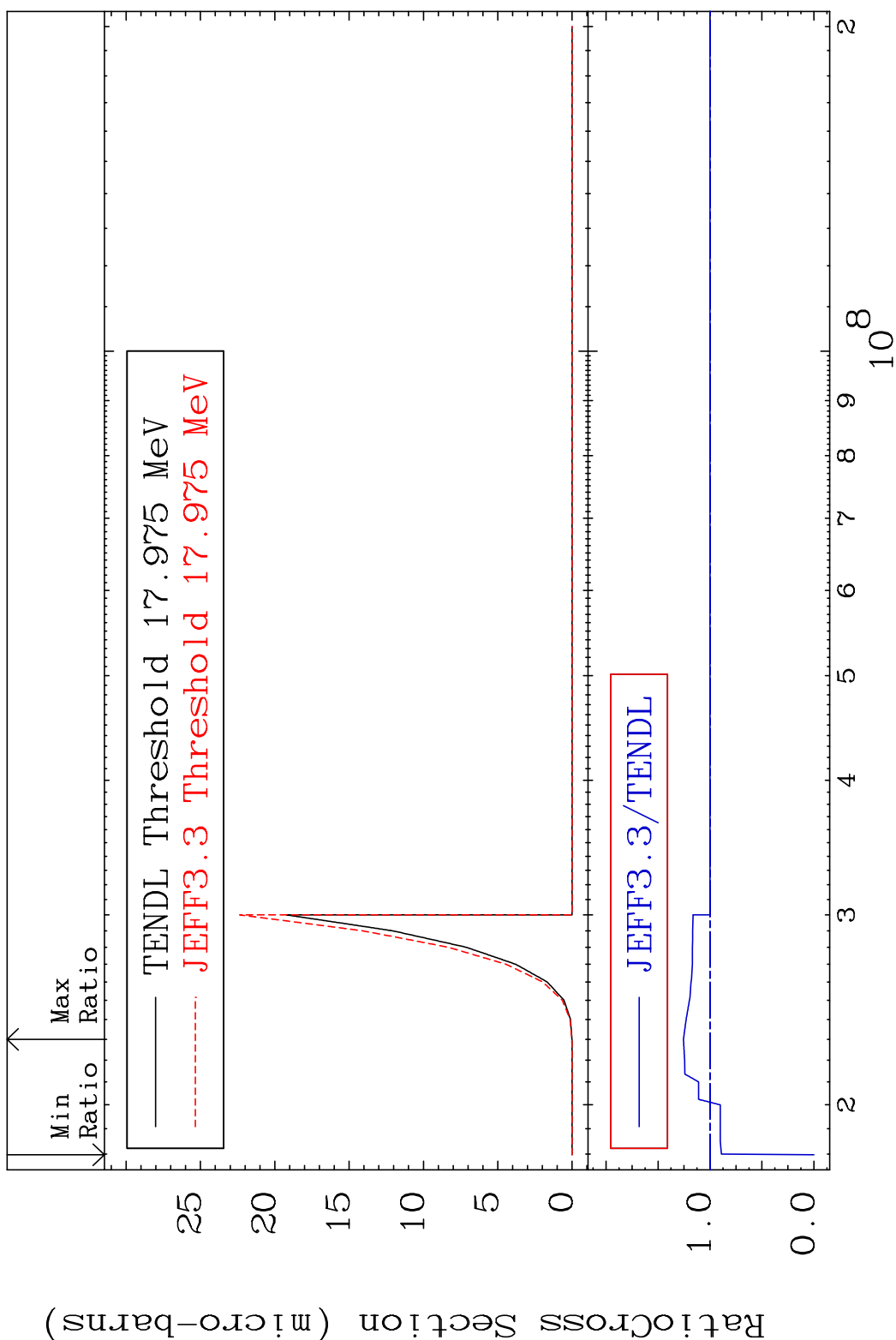


45 Incident Energy (eV) 28-Ni-62

MAT 2837 (n,p) α $^{28}\text{Ni-62}$
 Cross Section -99.95 To 857.9 %

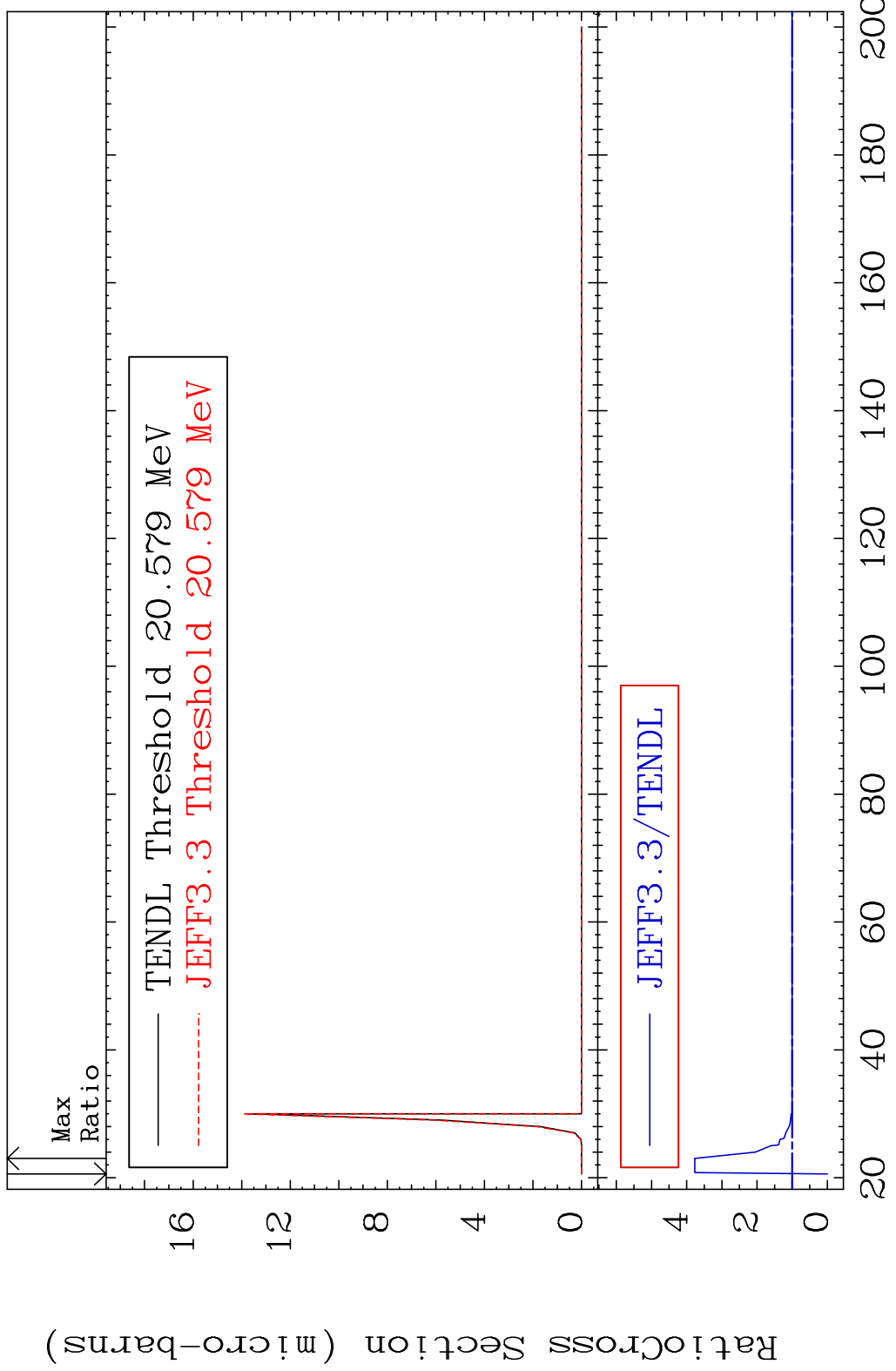


MAT 2837 (n,p) d ²⁸Ni-62
 Cross Section -100.0 To 25.53 %



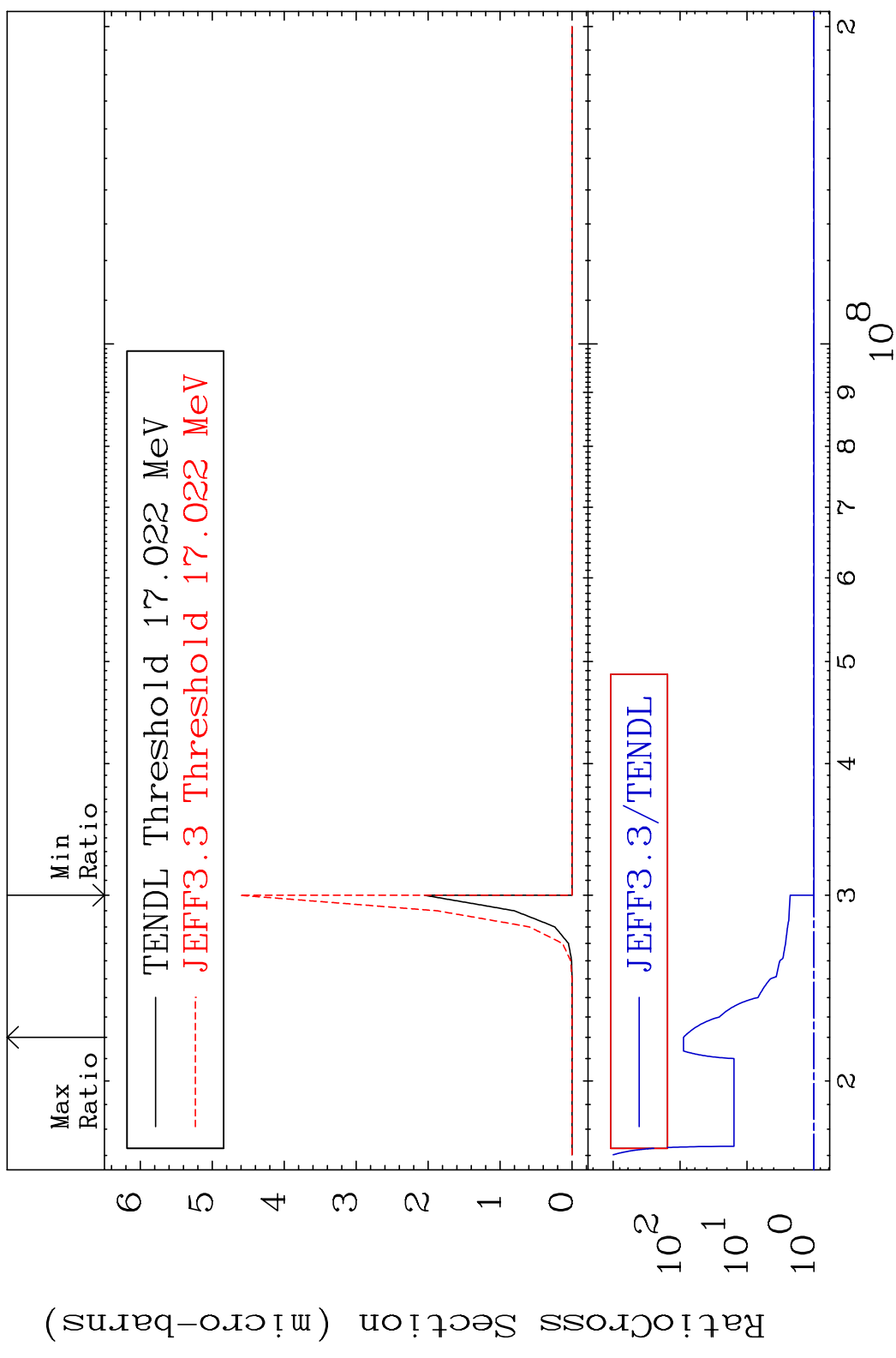
47 Incident Energy (eV) ²⁸Ni-62

MAT 2837 (n,p) t 28-Ni-62
Cross Section -100.0 To 277.1 %

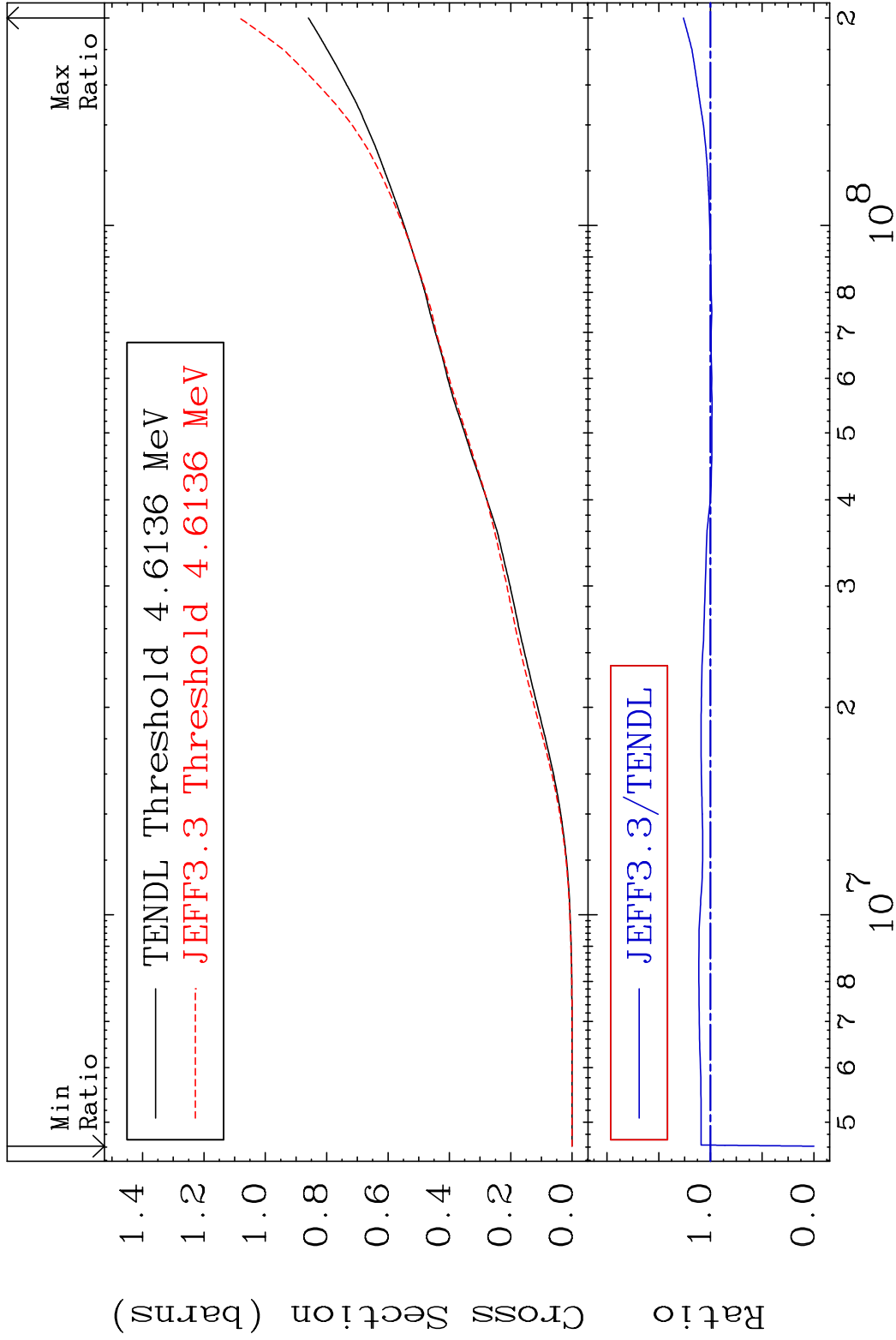


48 28-Ni-62

MAT 2837 (n, d) α 28-Ni-62
 Cross Section 0.000 To 8816. %

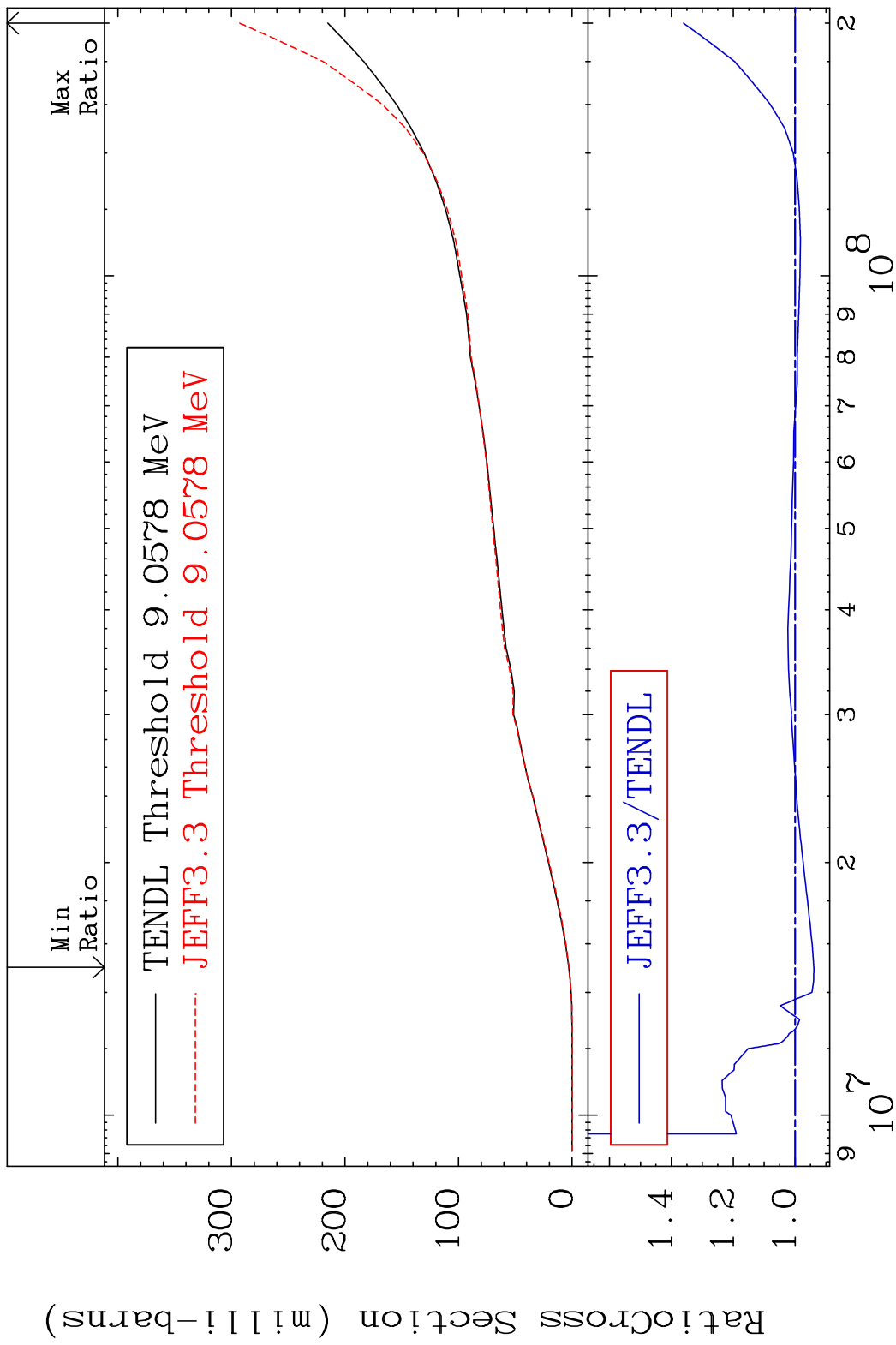


MAT 2837 Hydrogen Production 28-Ni-62
 Cross Section -100.0 To 26.08 %



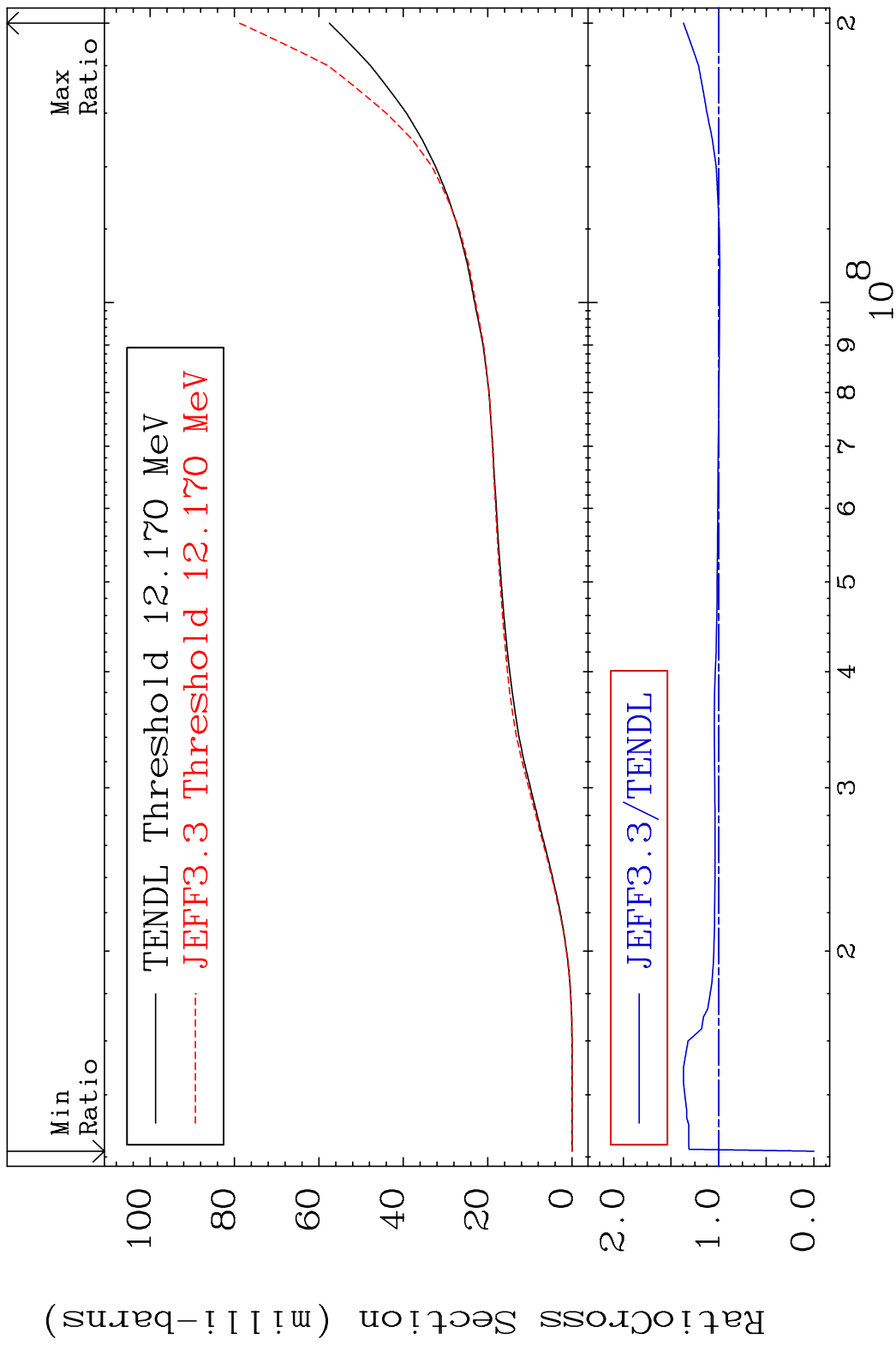
50 Incident Energy (eV) 28-Ni-62

MAT 2837 Deuterium Production ²⁸Ni-62
 Cross Section -6.059 To 36.10 %



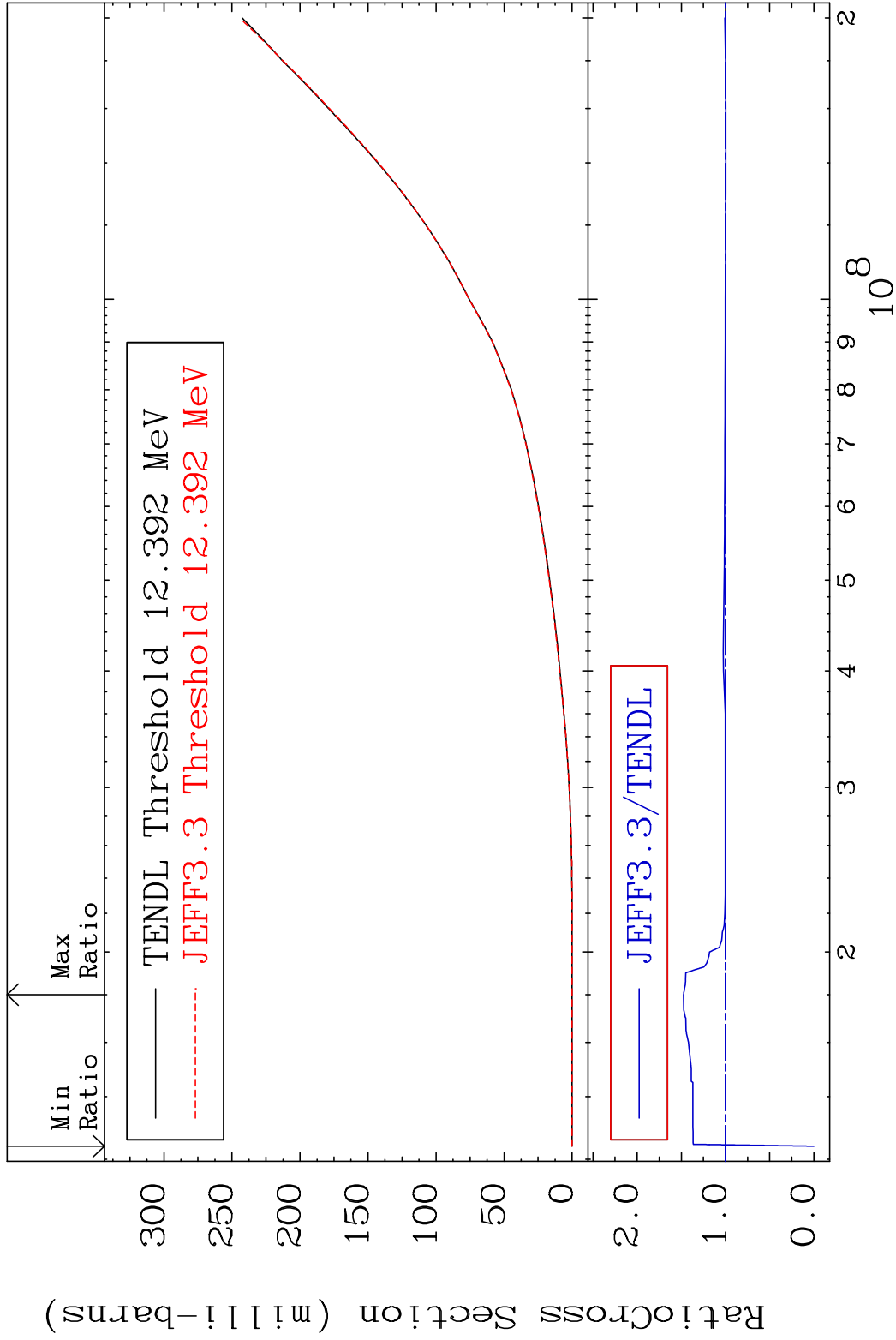
51 Incident Energy (eV) ²⁸Ni-62

MAT 2837 Tritium Production 28-Ni-62
 Cross Section -100.0 To 36.94 %

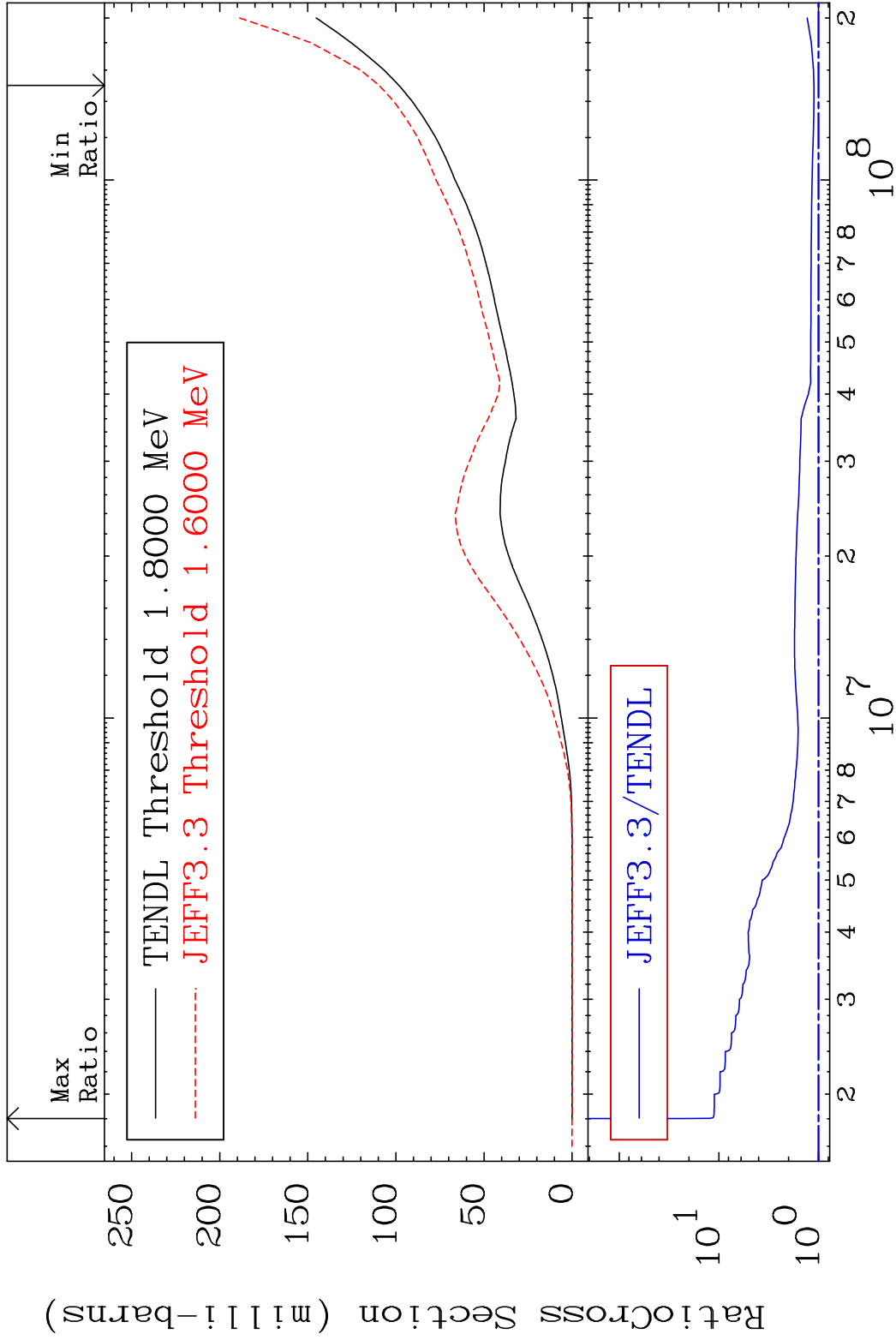


52 28-Ni-62

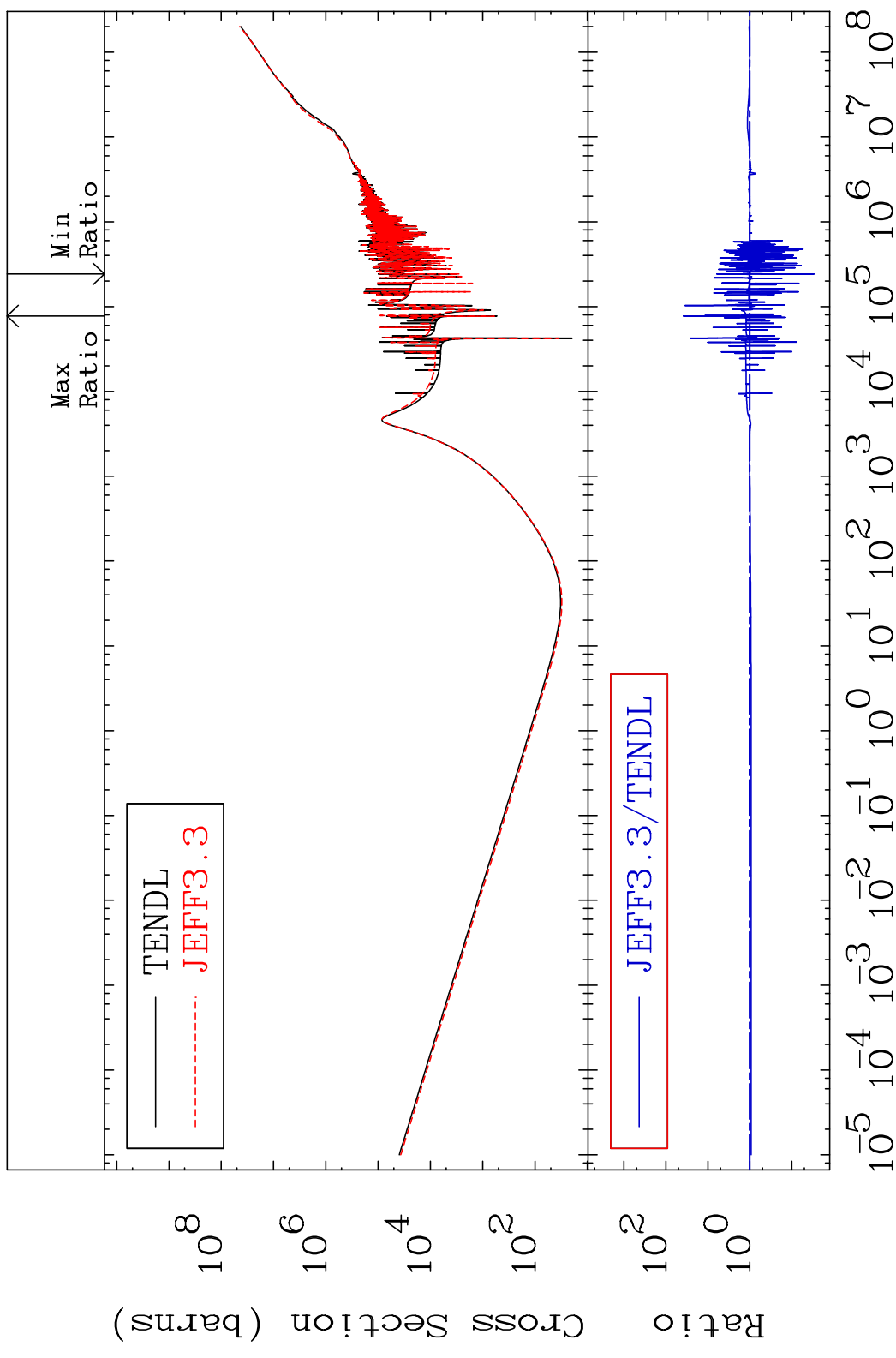
MAT 2837 He-3 Production 28-Ni-62
 Cross Section -100.0 To 47.59 %



MAT 2837 He-4 Production 28-Ni-62
 Cross Section 11.46 To 2171. %



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

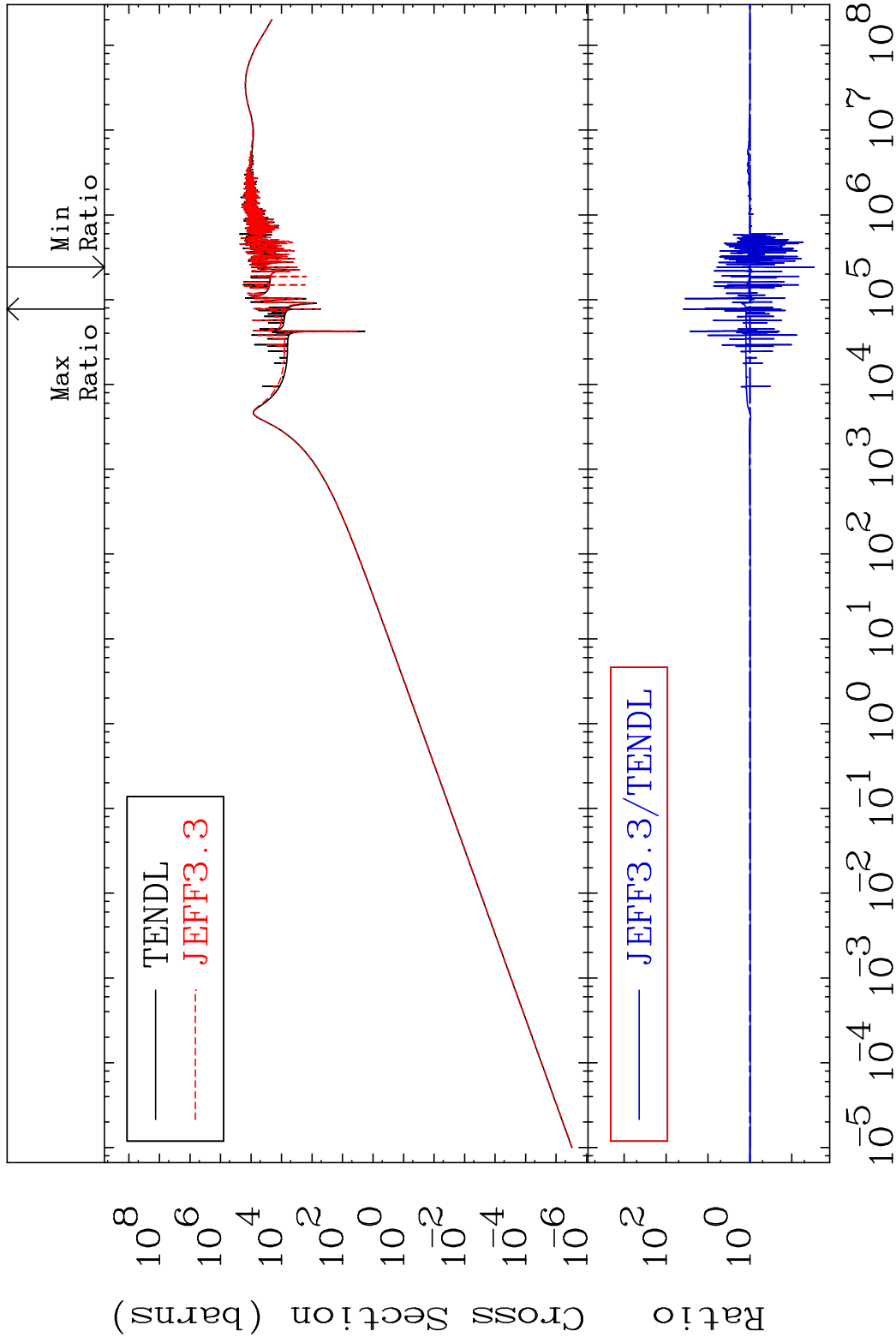


55 Incident Energy (eV) 28-Ni-62

MAT 2837

Kerma elastic
Cross Section

28-Ni-62
-97.03 To 3738. %

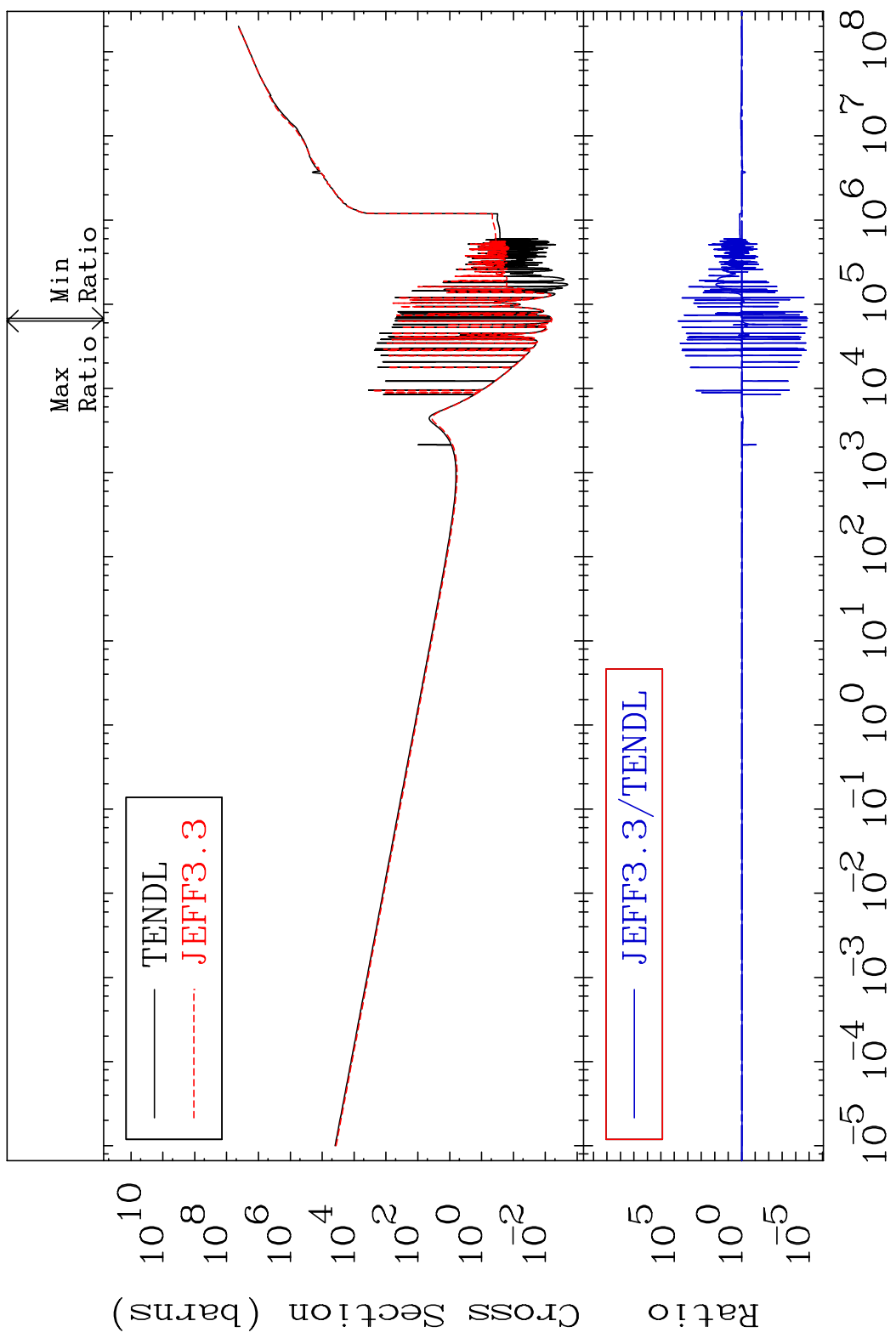


56

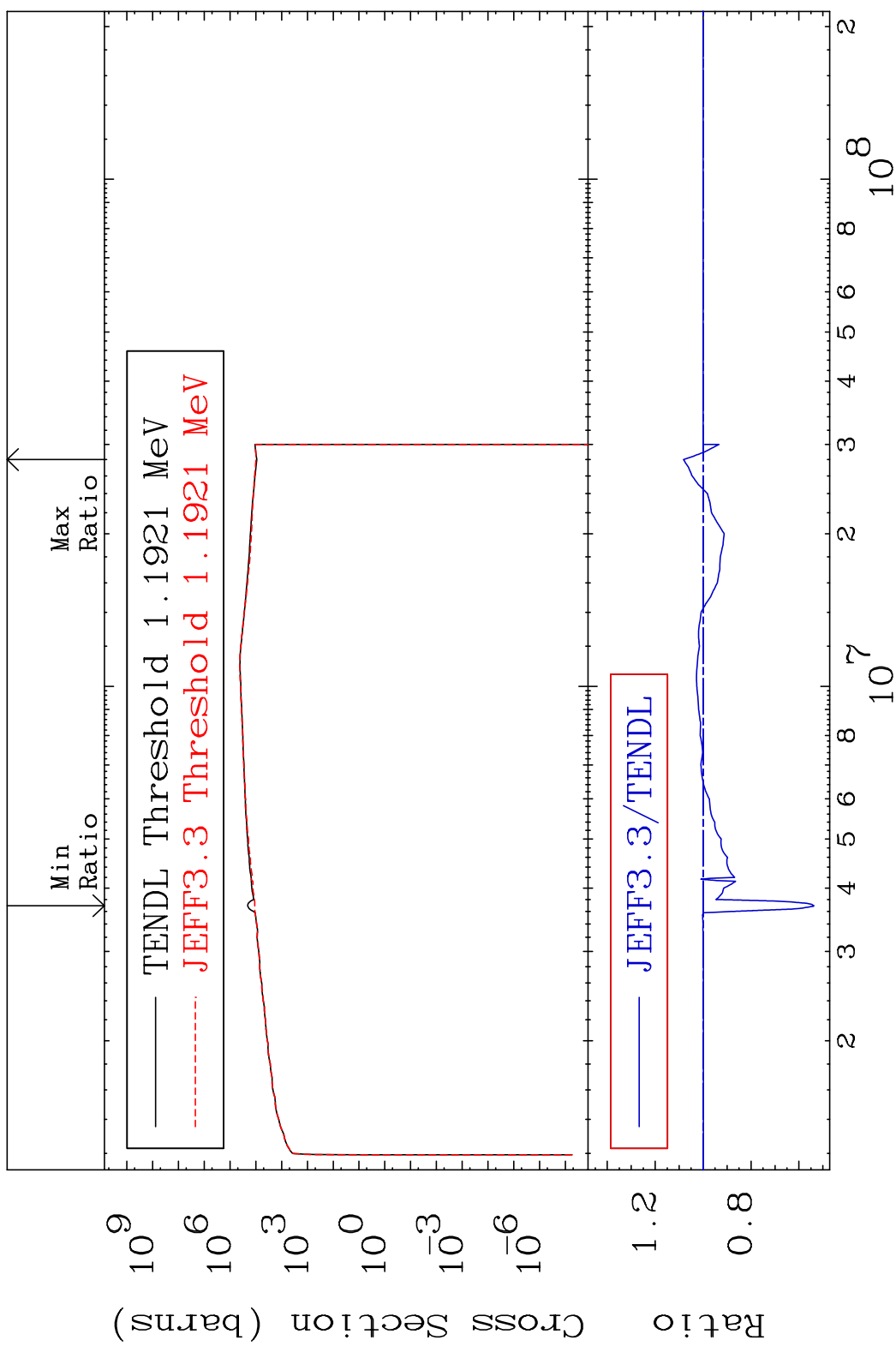
Incident Energy (eV)

28-Ni-62

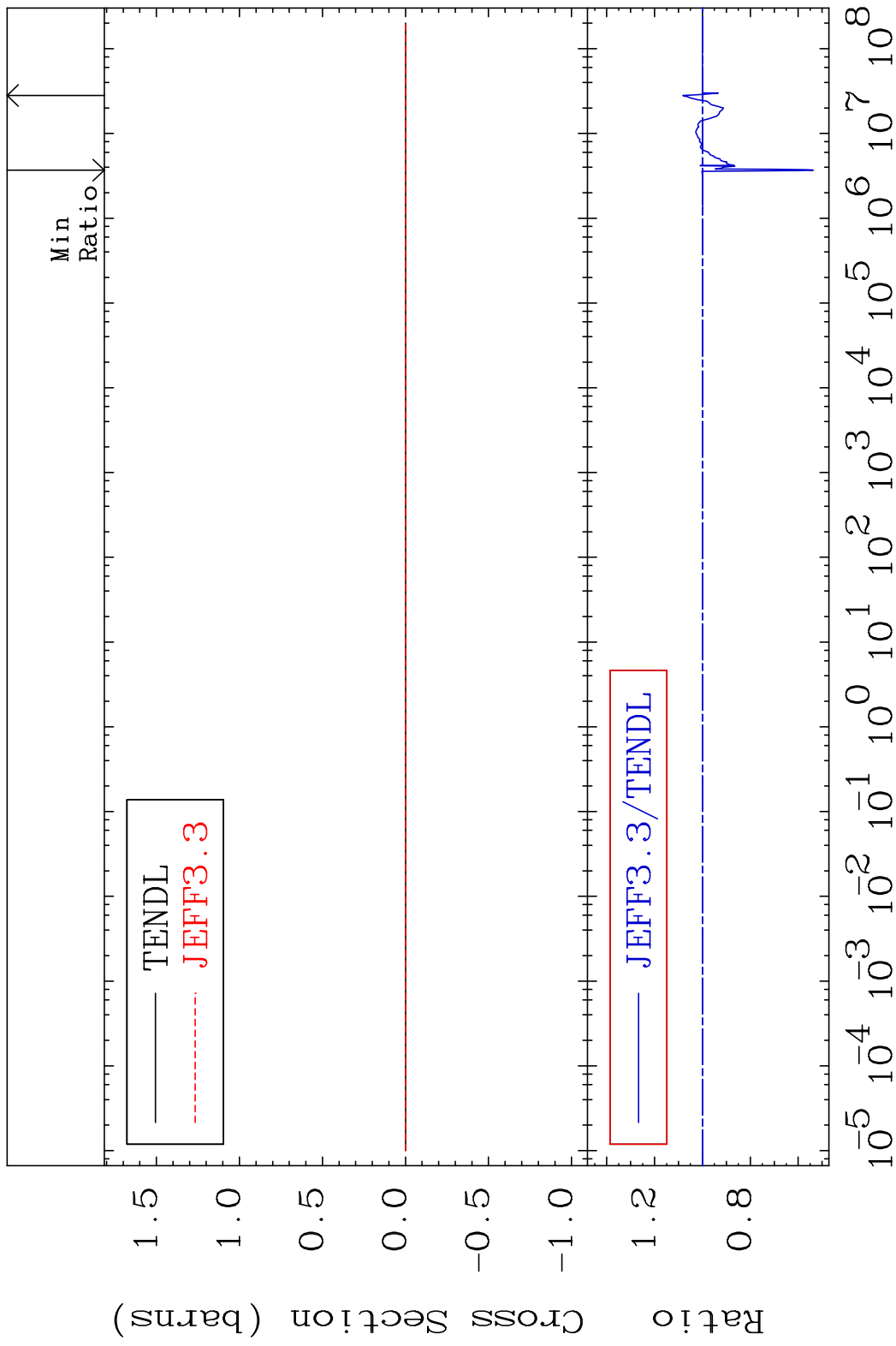
MAT 2837 Kerma non-elastic (all but mt2) 28-Ni-62
 Cross Section -100.0 To 9999. %



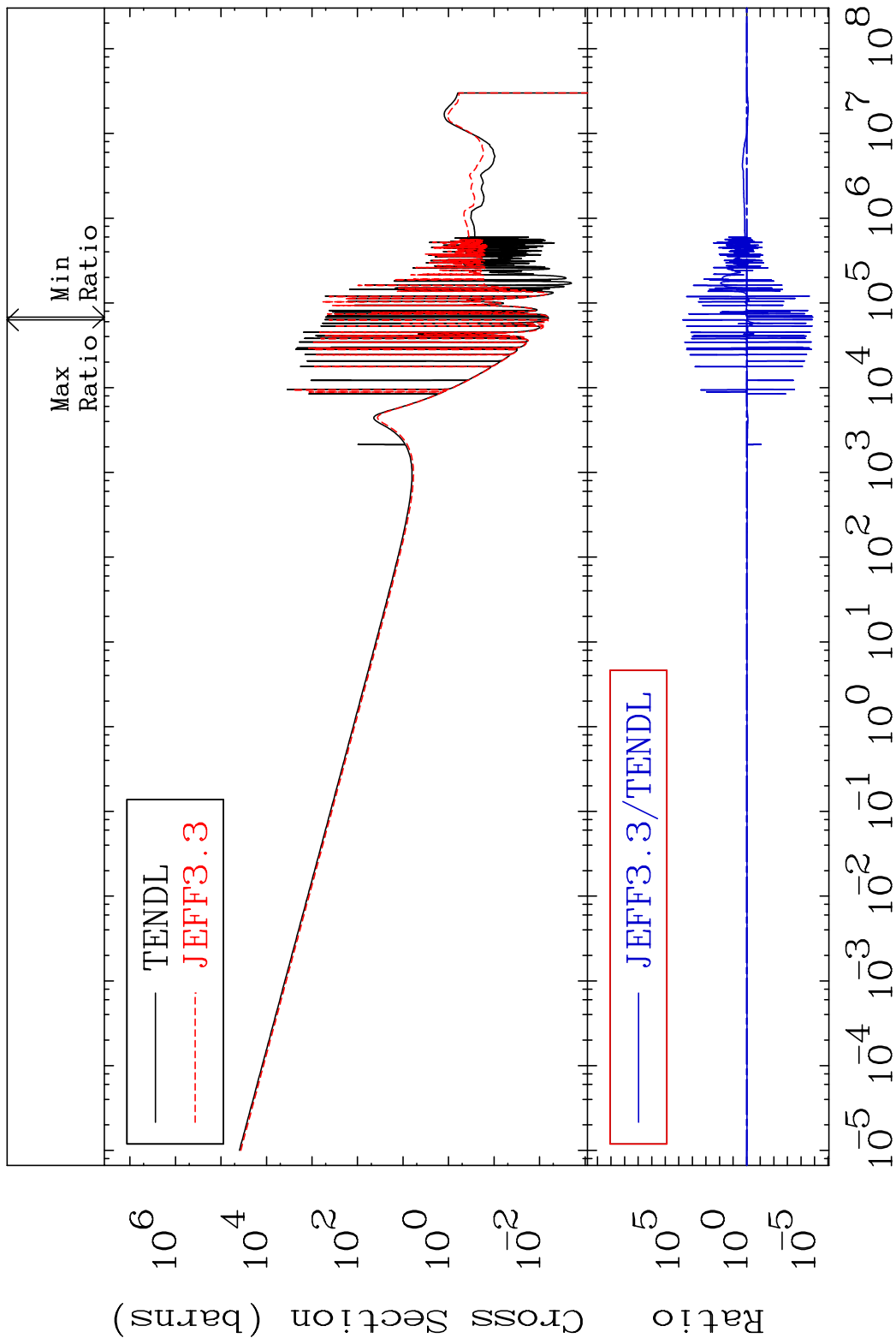
57 Incident Energy (eV) 28-Ni-62



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

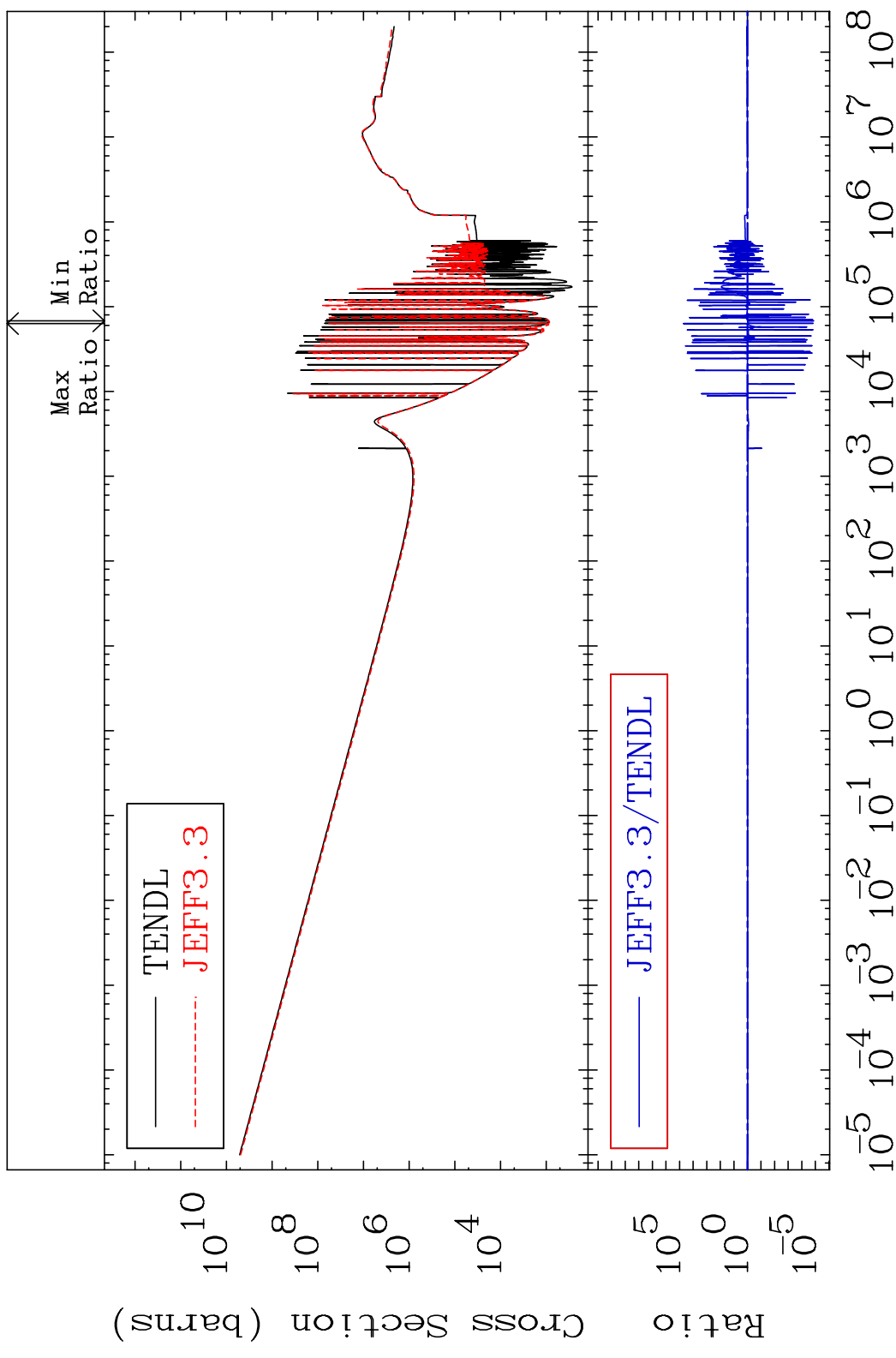


MAT 2837 Kerma capture (mt102) 28-Ni-62
 Cross Section -100.0 To 9999. %



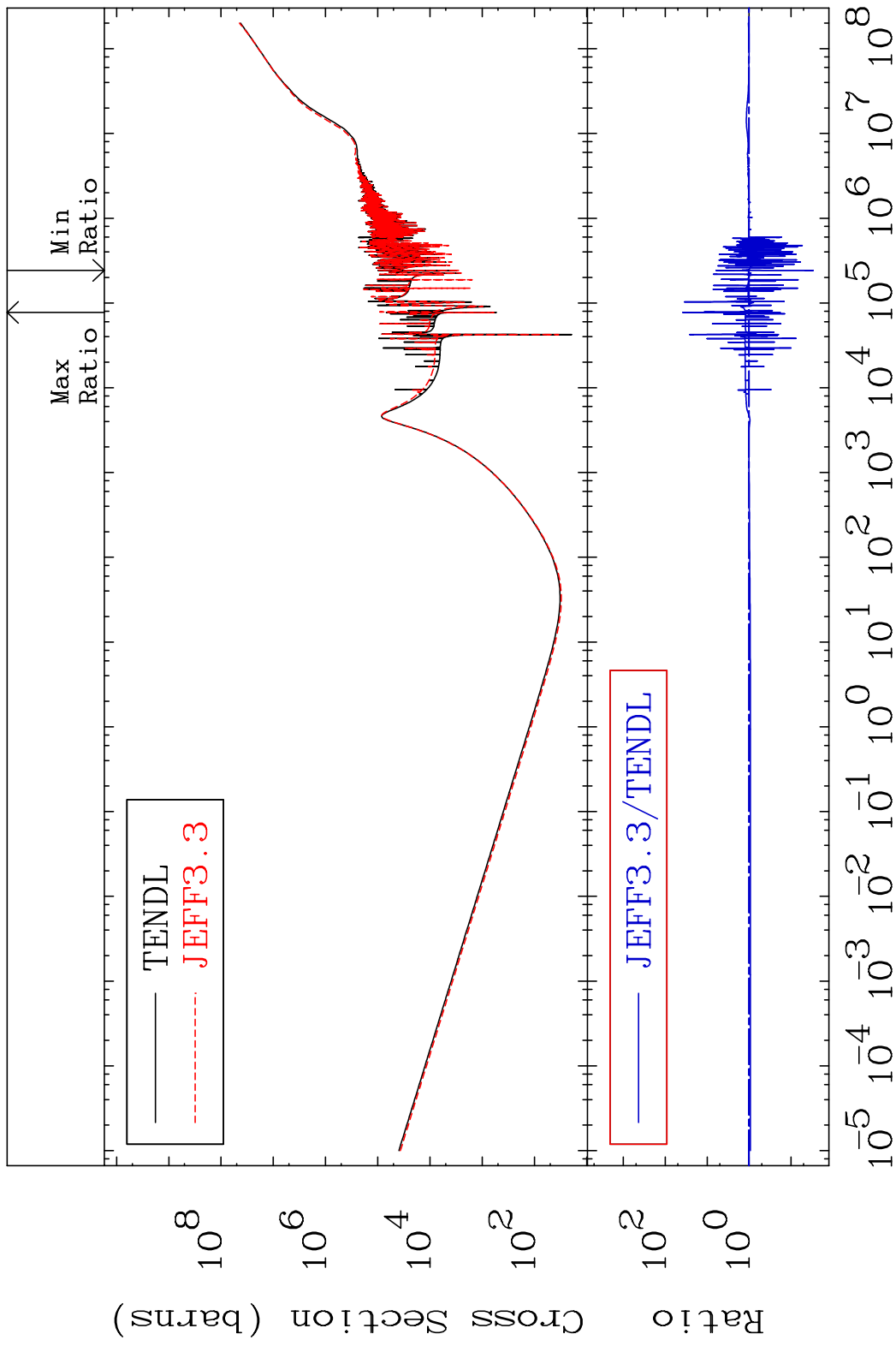
60 Incident Energy (eV) 28-Ni-62

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

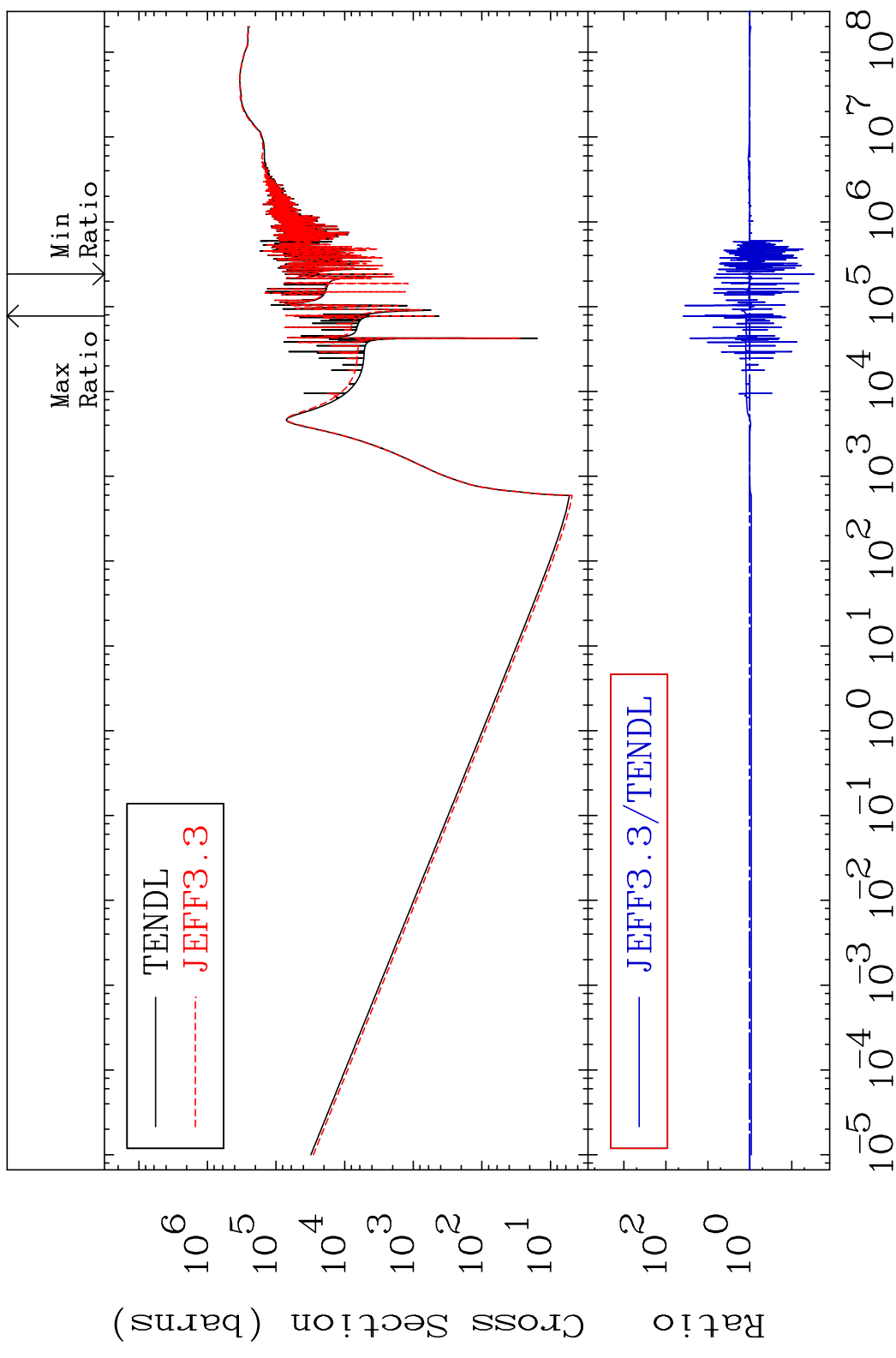


61 Incident Energy (eV) 28-Ni-62

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

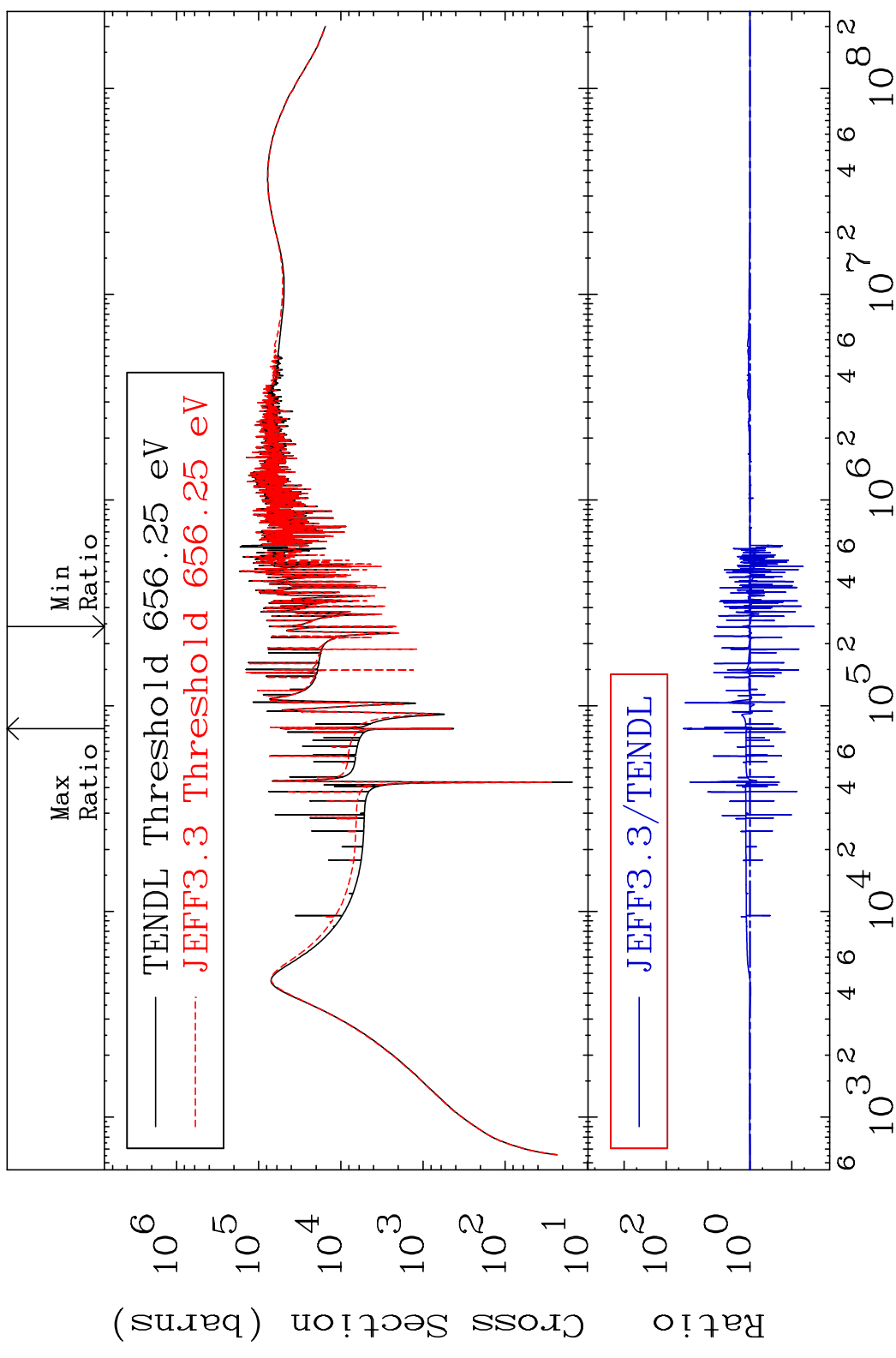


MAT 2837 Dpa total (eV-barns) 28-Ni-62
 Cross Section -97.03 To 3720. %



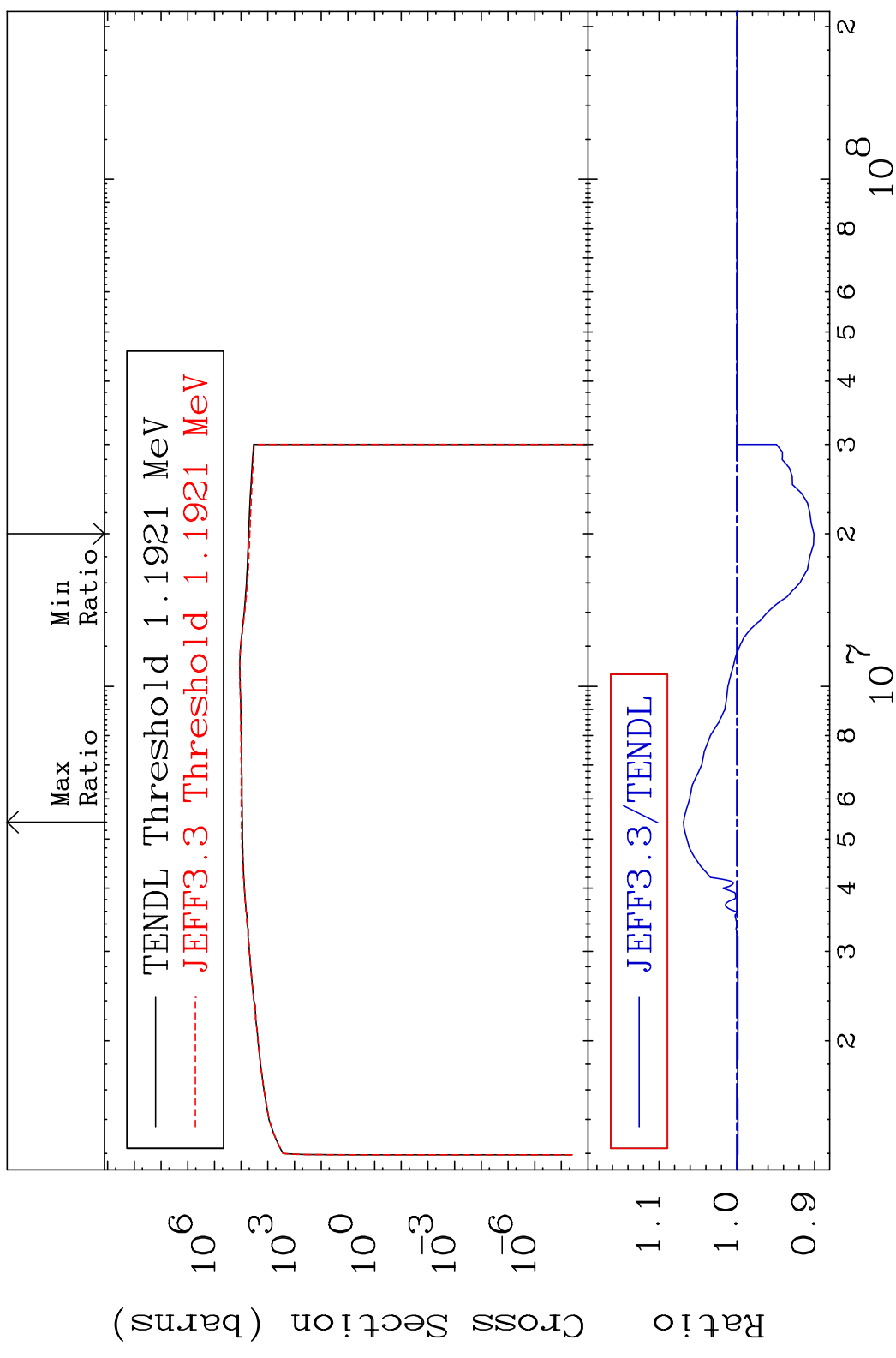
63 Incident Energy (eV) 28-Ni-62

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



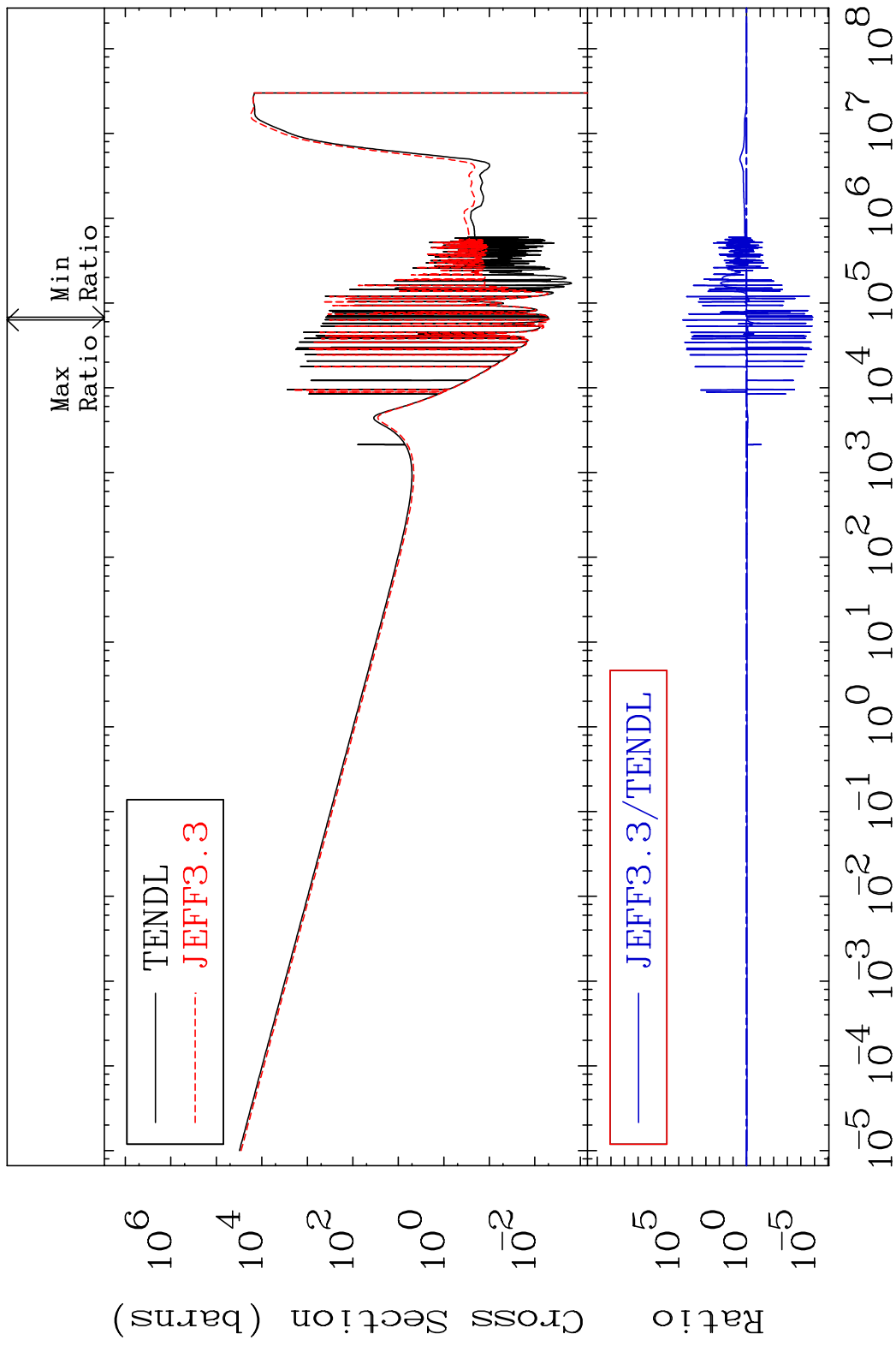
64 Incident Energy (eV) 28-Ni-62

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



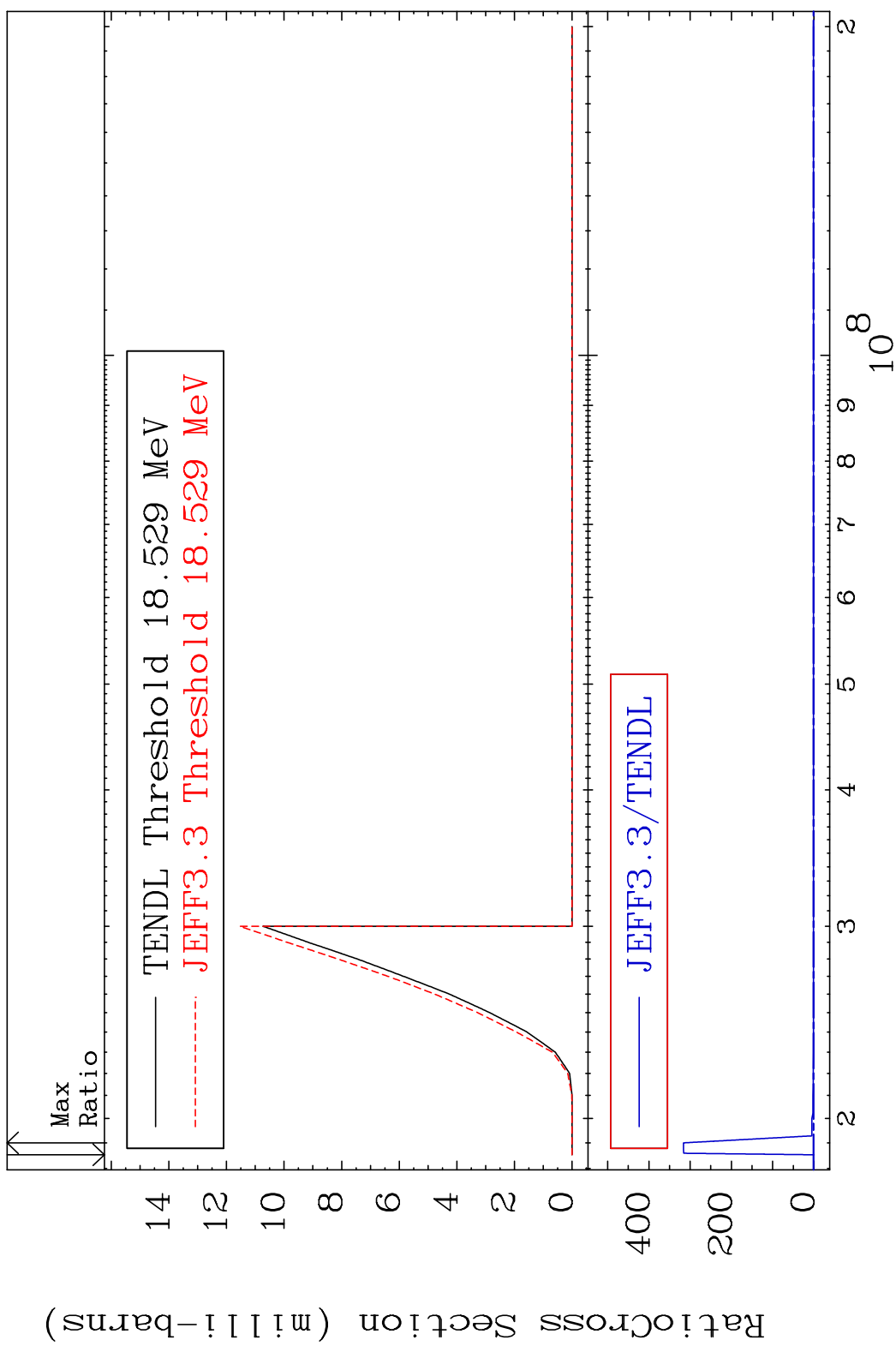
65 Incident Energy (eV) 28-Ni-62

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

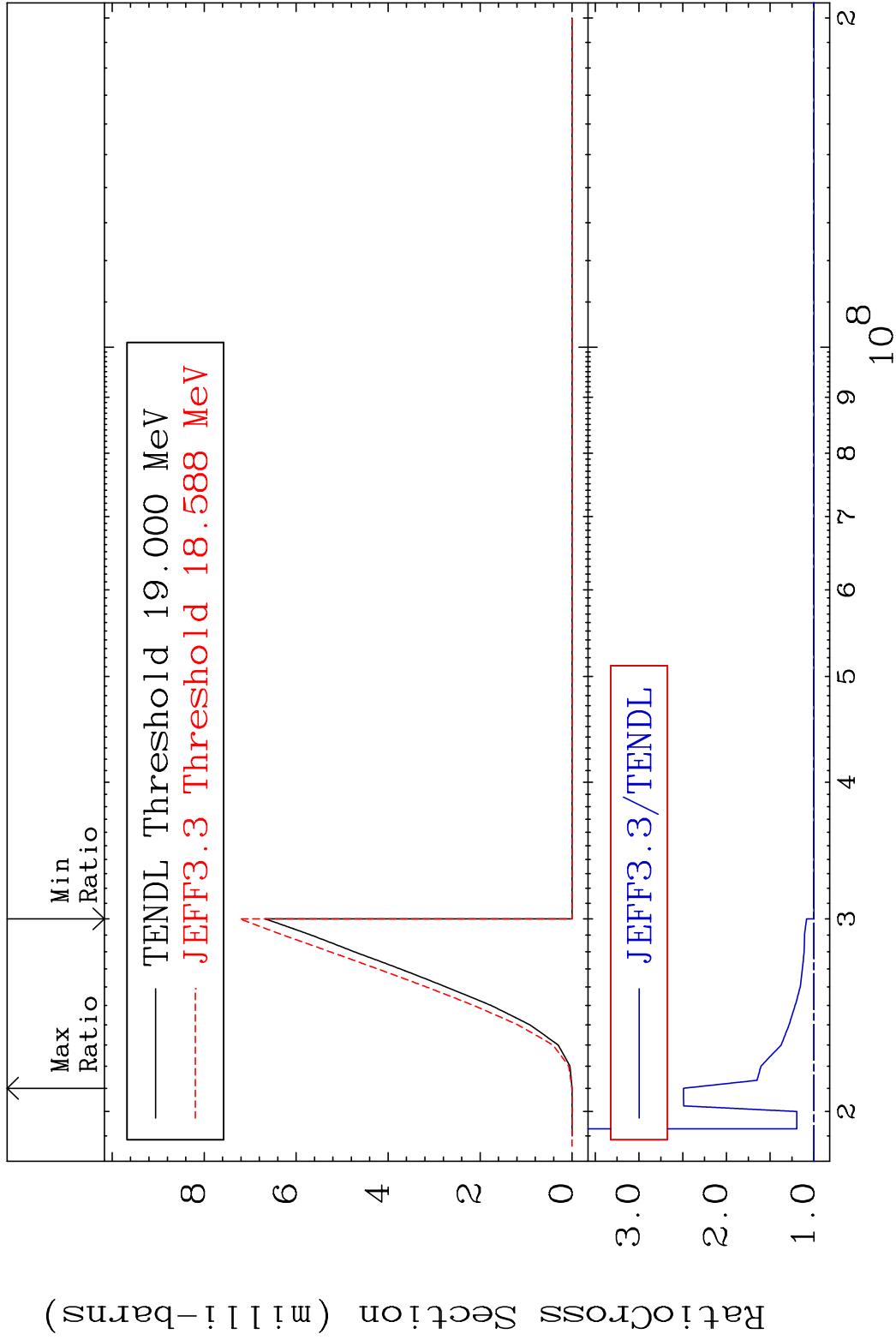


66 Incident Energy (eV) 28-Ni-62

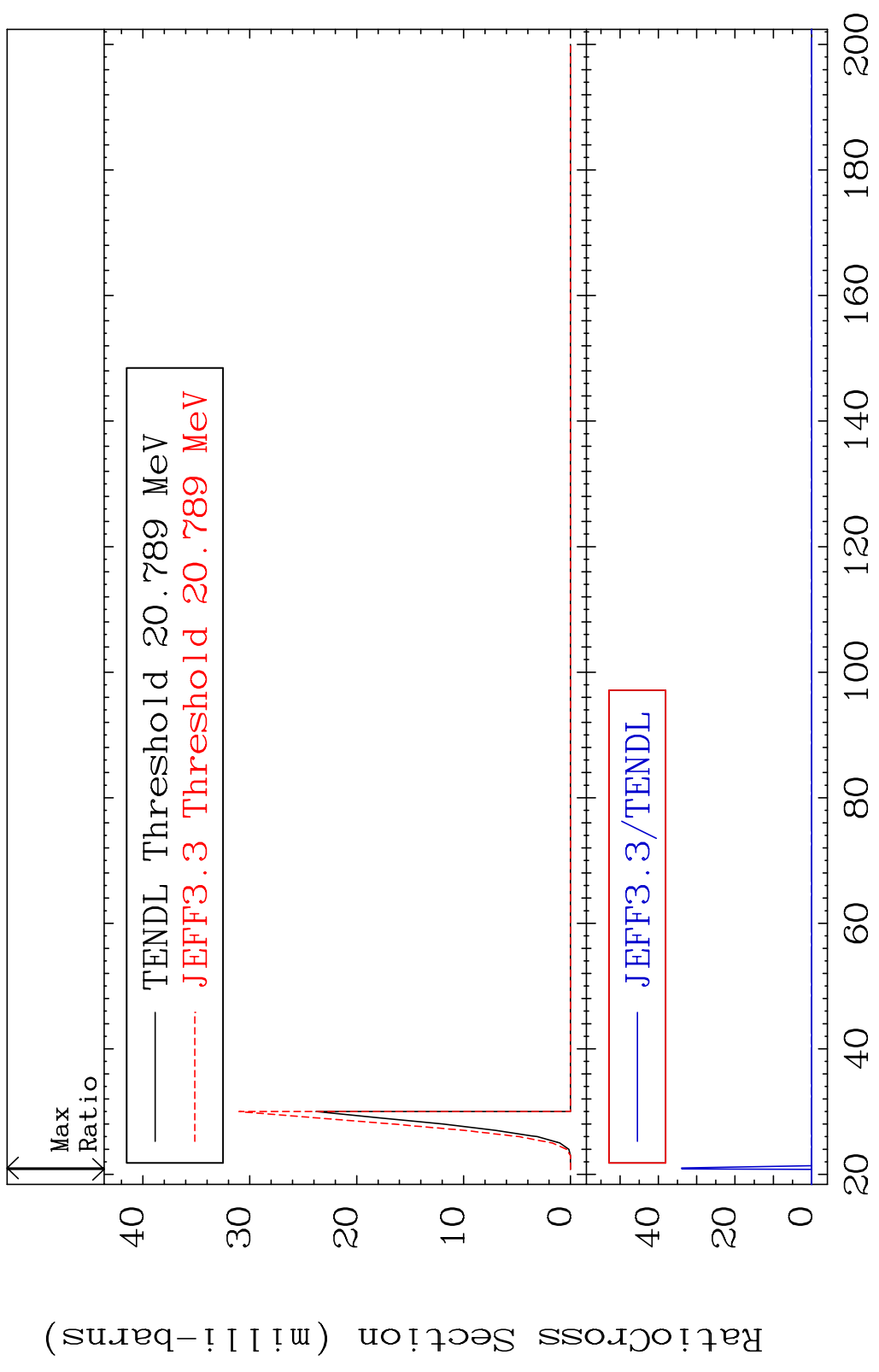
MAT 2837 (n, n') d:27-Co-60g 28-Ni-62
 Radionuclide Production Cross Section 180000 dtd 9999. %



67 Incident Energy (eV) 28-Ni-62

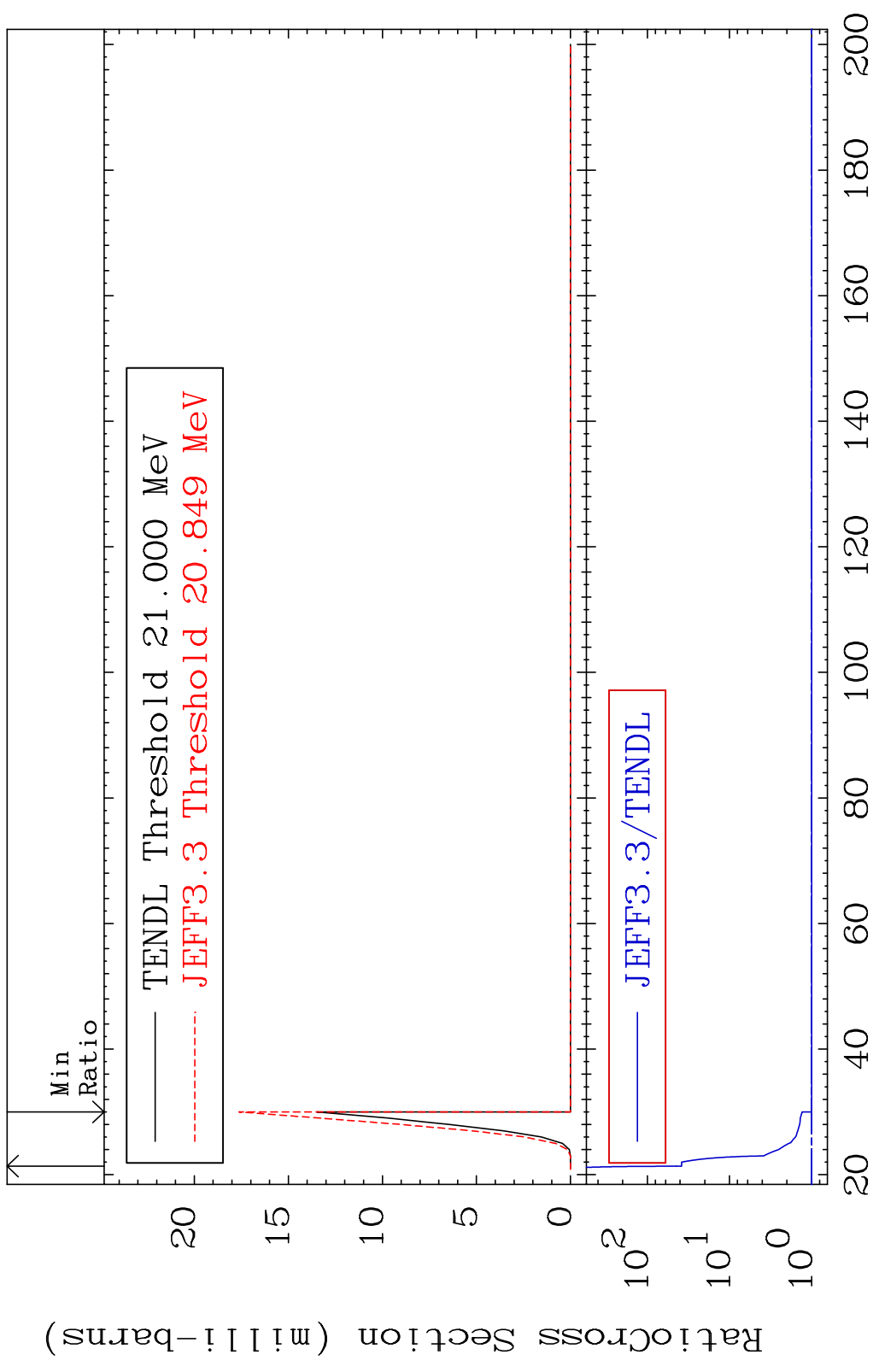


MAT 2837 (n,2n) p:27-Co-60g 28-Ni-62
 Radionuclide Production Cross Section 10000 dth 9999. %



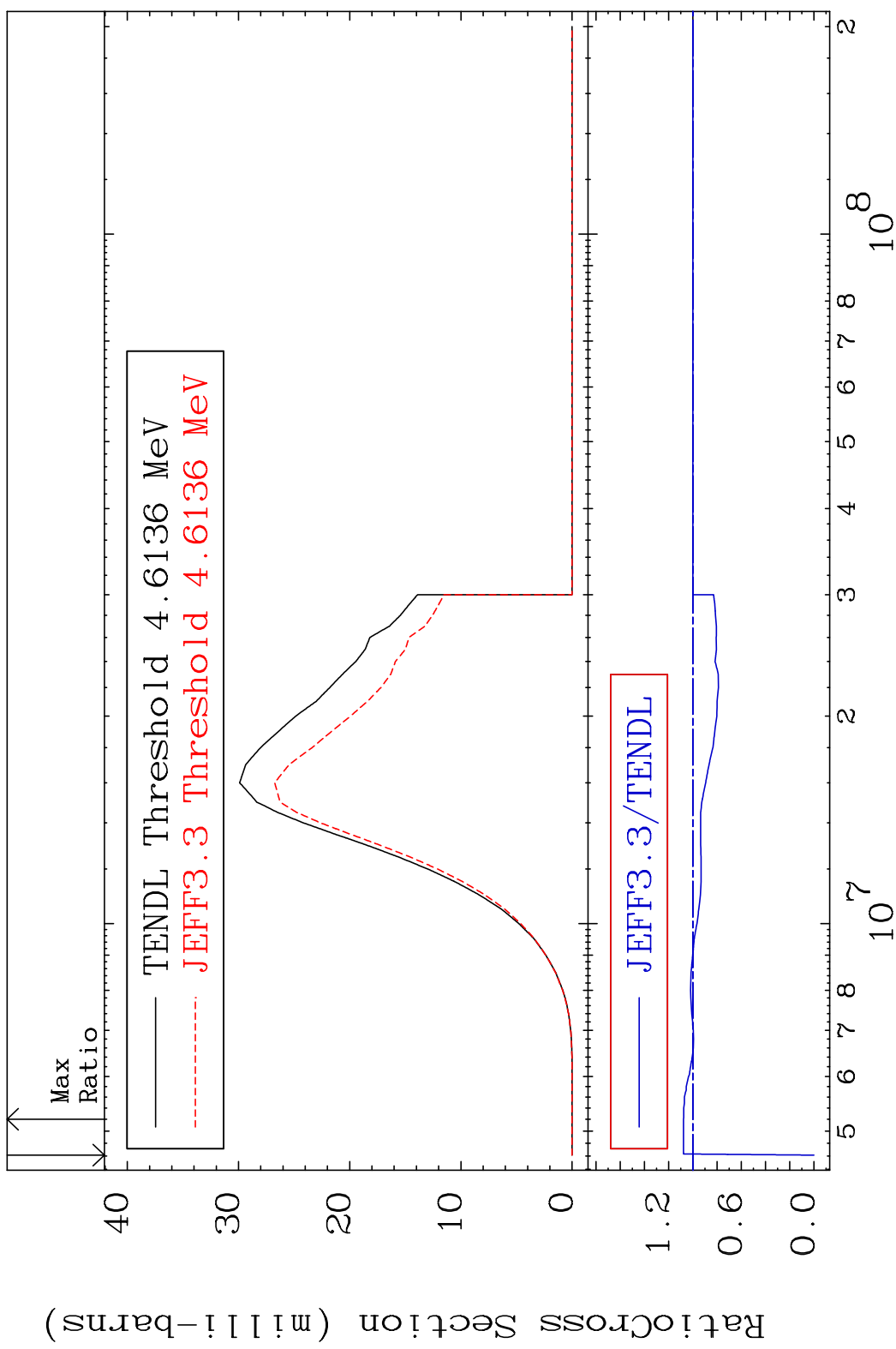
69 Incident Energy (MeV) 28-Ni-62

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

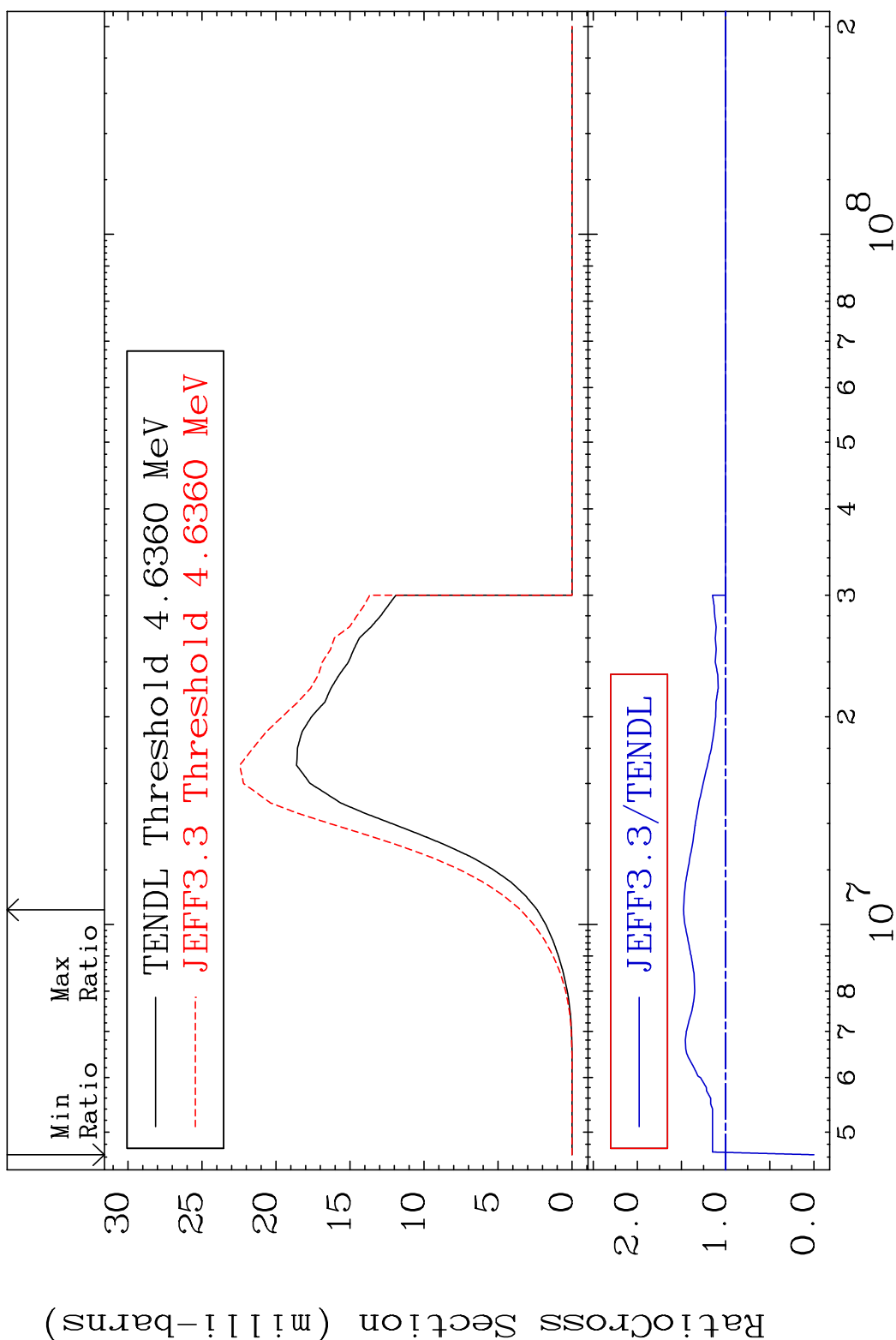


70 Incident Energy (MeV) 28-Ni-62

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

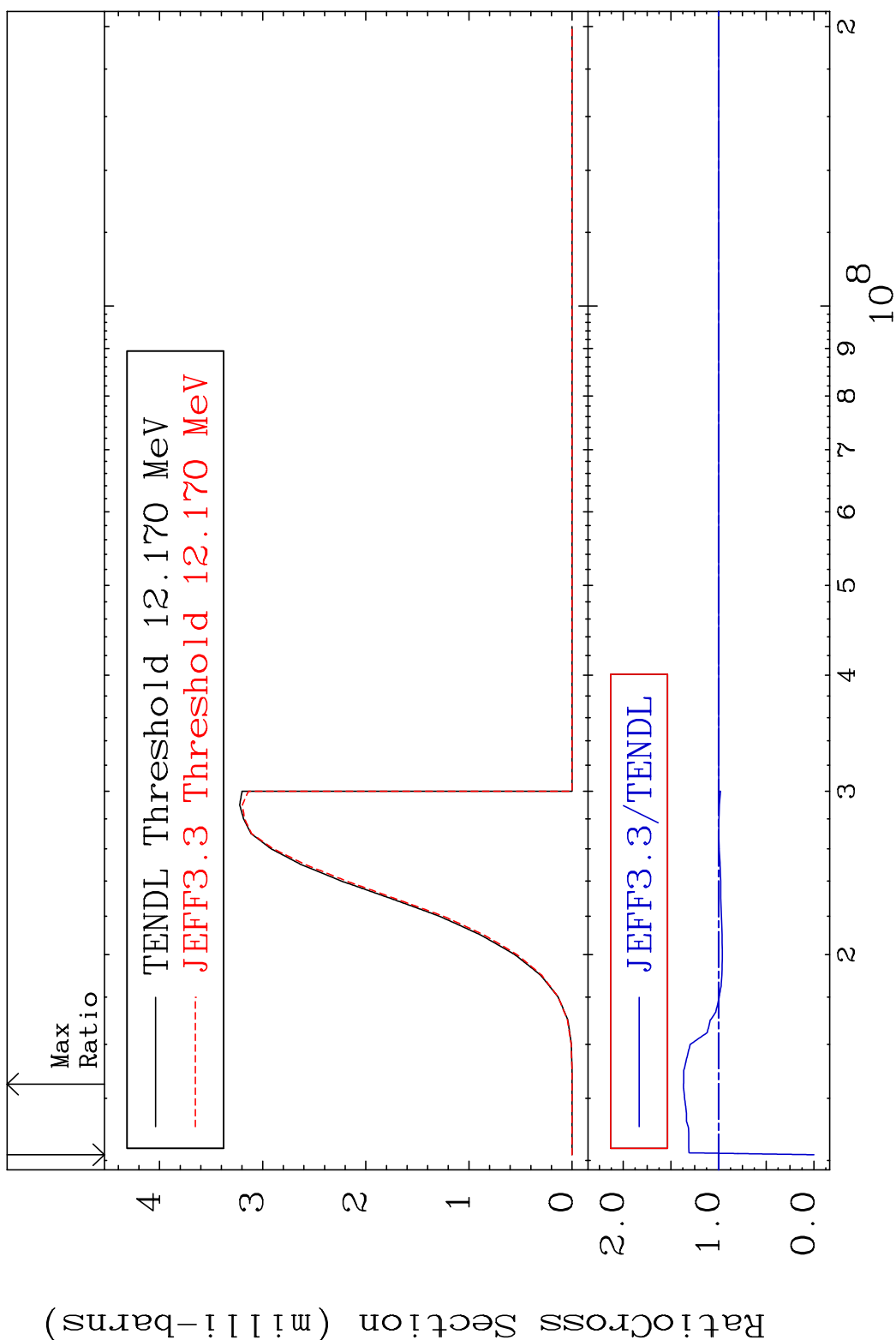


MAT 2837 (n,p):27-Co-62m1 28-Ni-62
 Radionuclide Production Cross Section 47.79 %



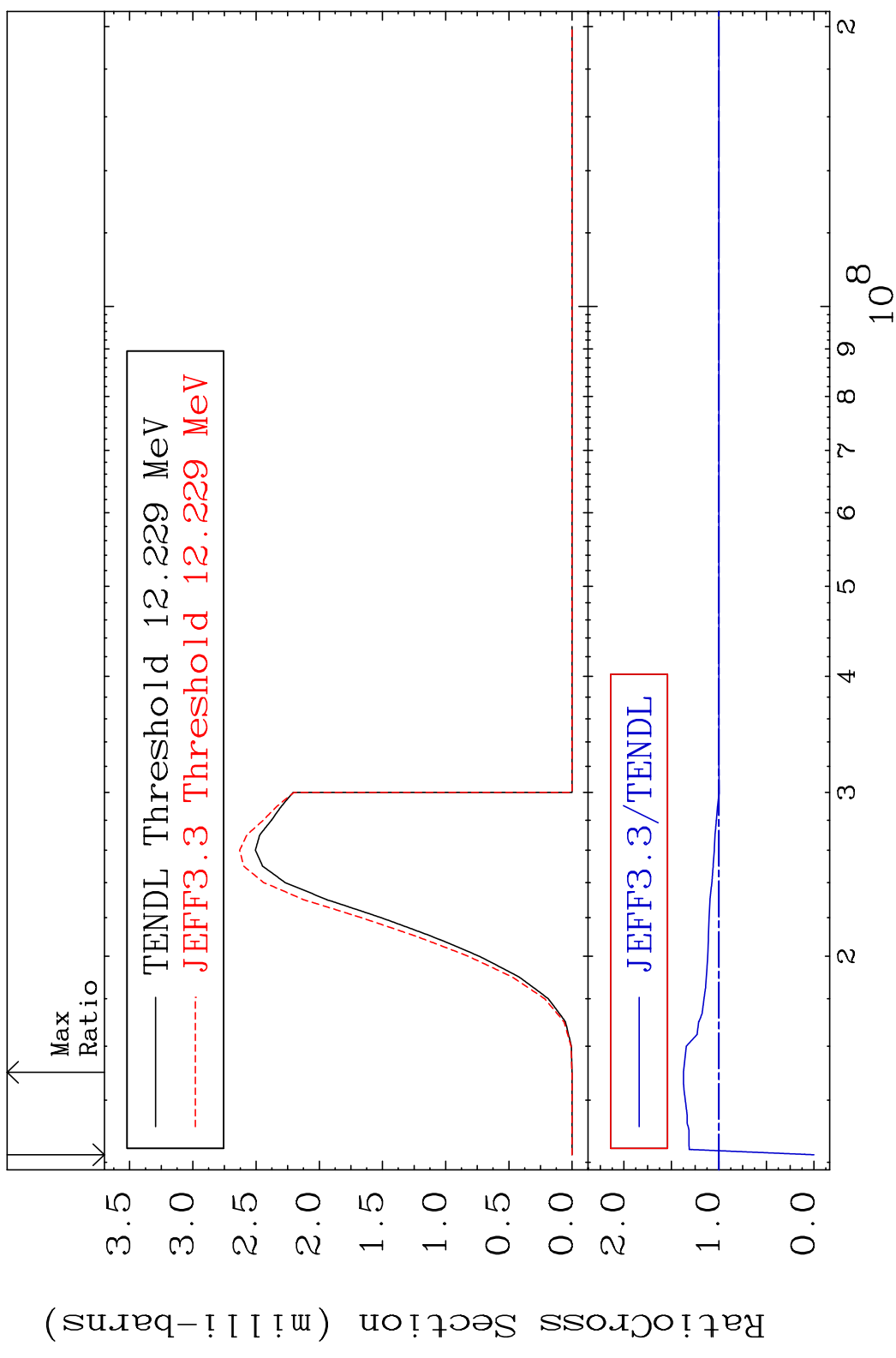
72 28-Ni-62

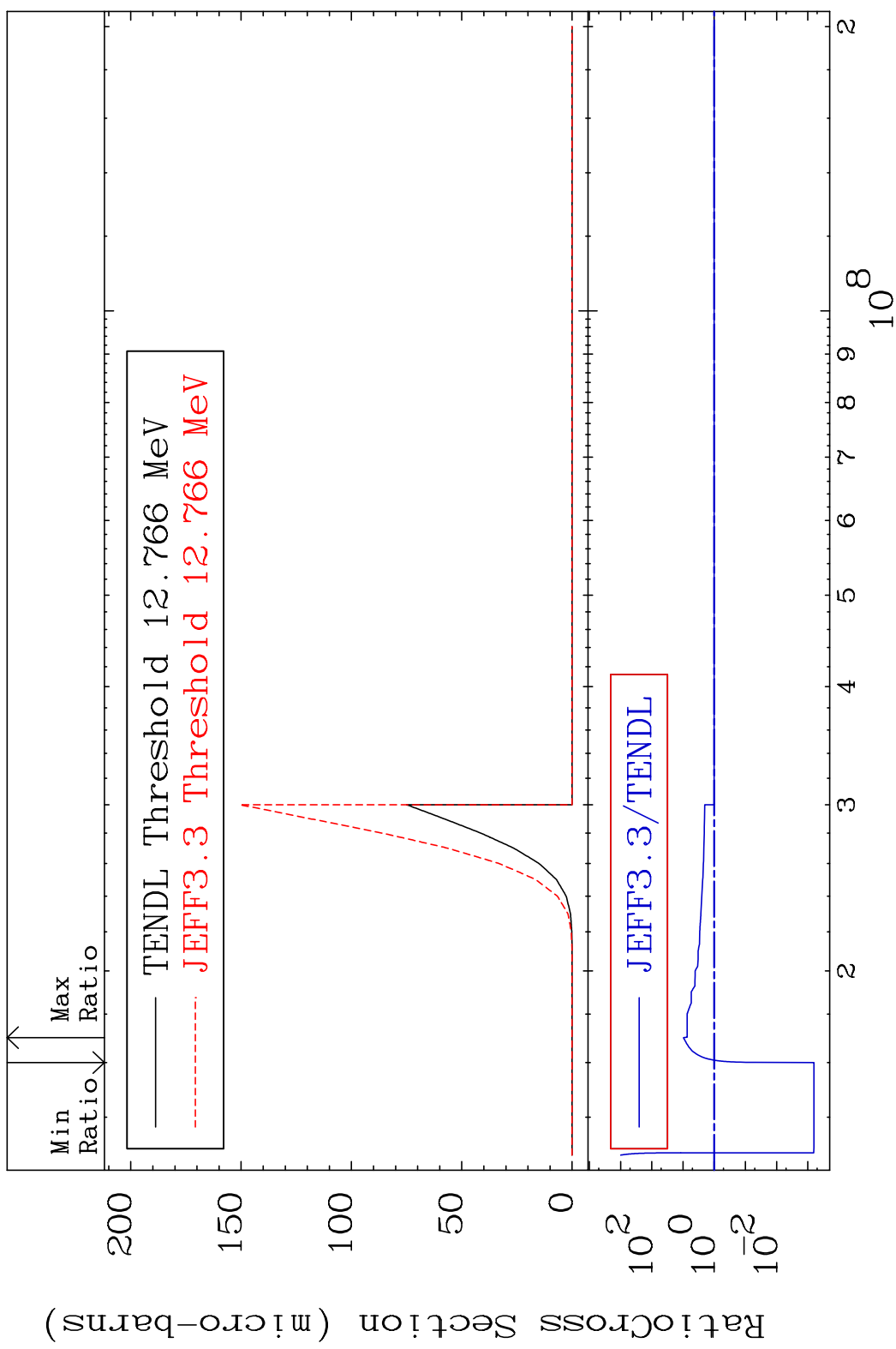
MAT 2837 (n, t): 27-Co-60g 28-Ni-62
 Radionuclide Production Cross Section 180000 dpo 36.84 %



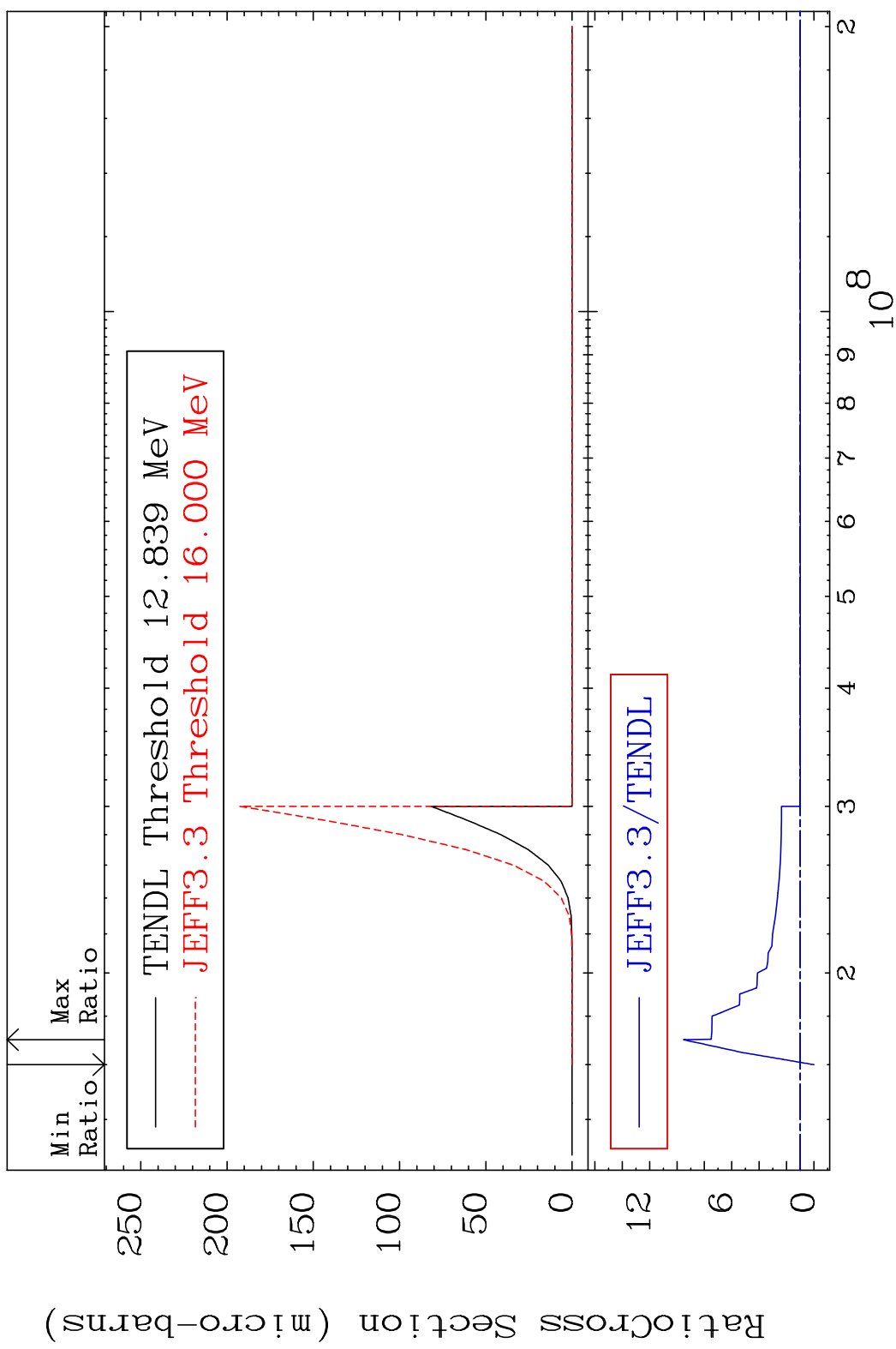
73 Incident Energy (eV) 28-Ni-62

MAT 2837 (n, t): 27-Co-60m1 28-Ni-62
 Radionuclide Production Cross Section 180000 dpo 37.36 %





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