

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

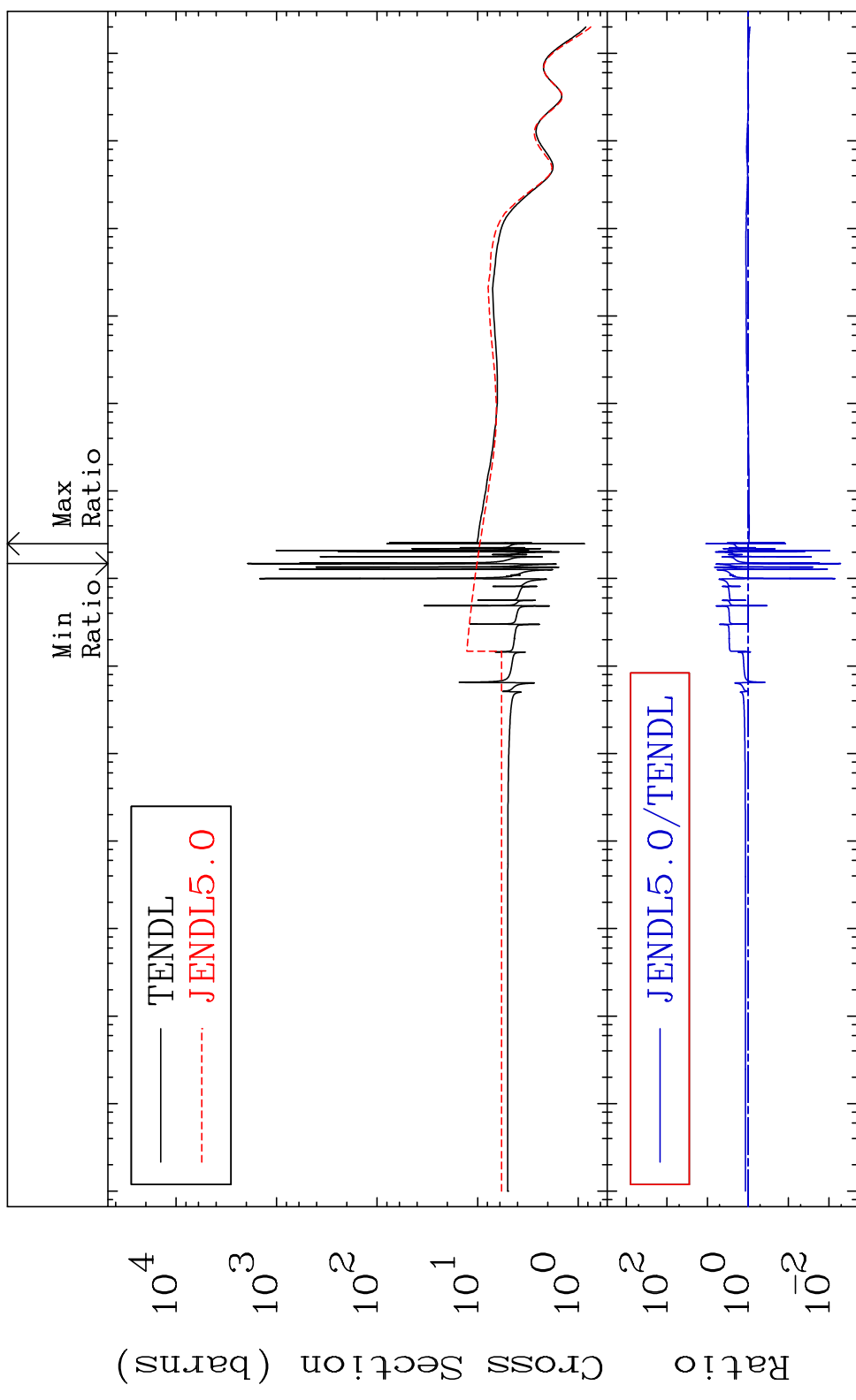
Tele: 925-443-1911

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

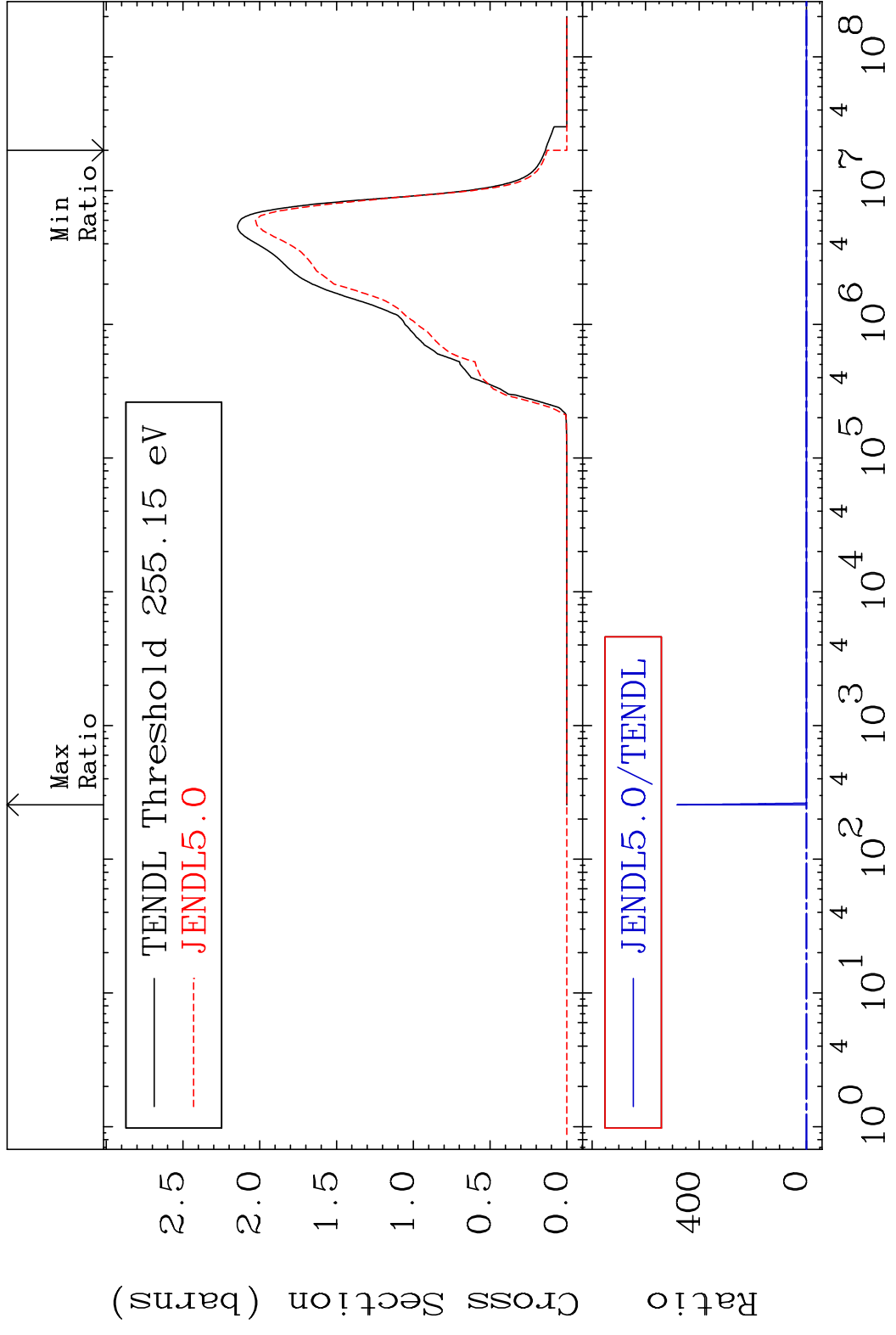
Press Mouse Button to Start

MAT 4853

Elastic Cross Section -99.48 To 996.1 %
48-Cd-115m

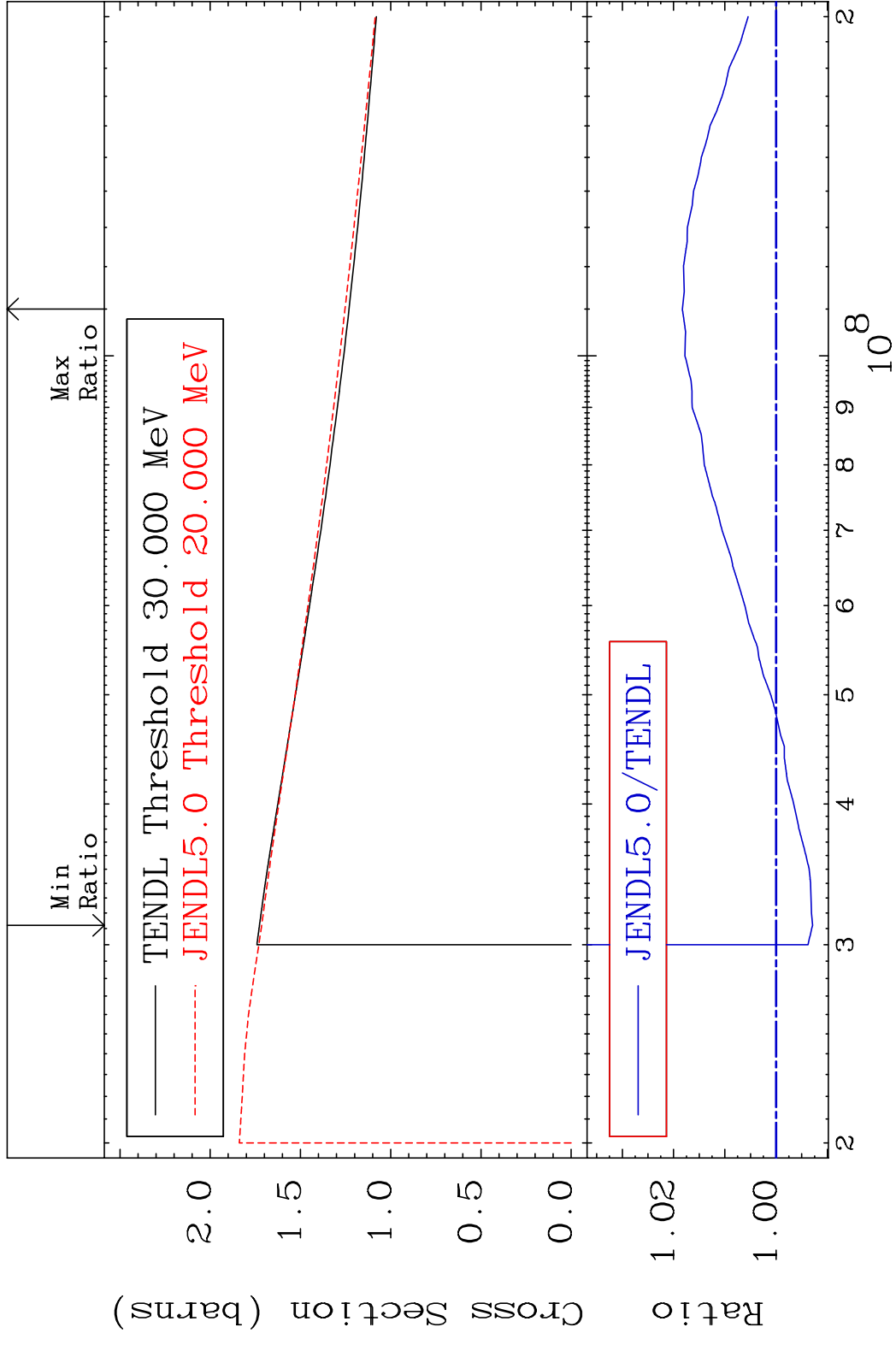


MAT 4853 Inelastic Cross Section -100.0 To 9999. % 48-Cd-115m



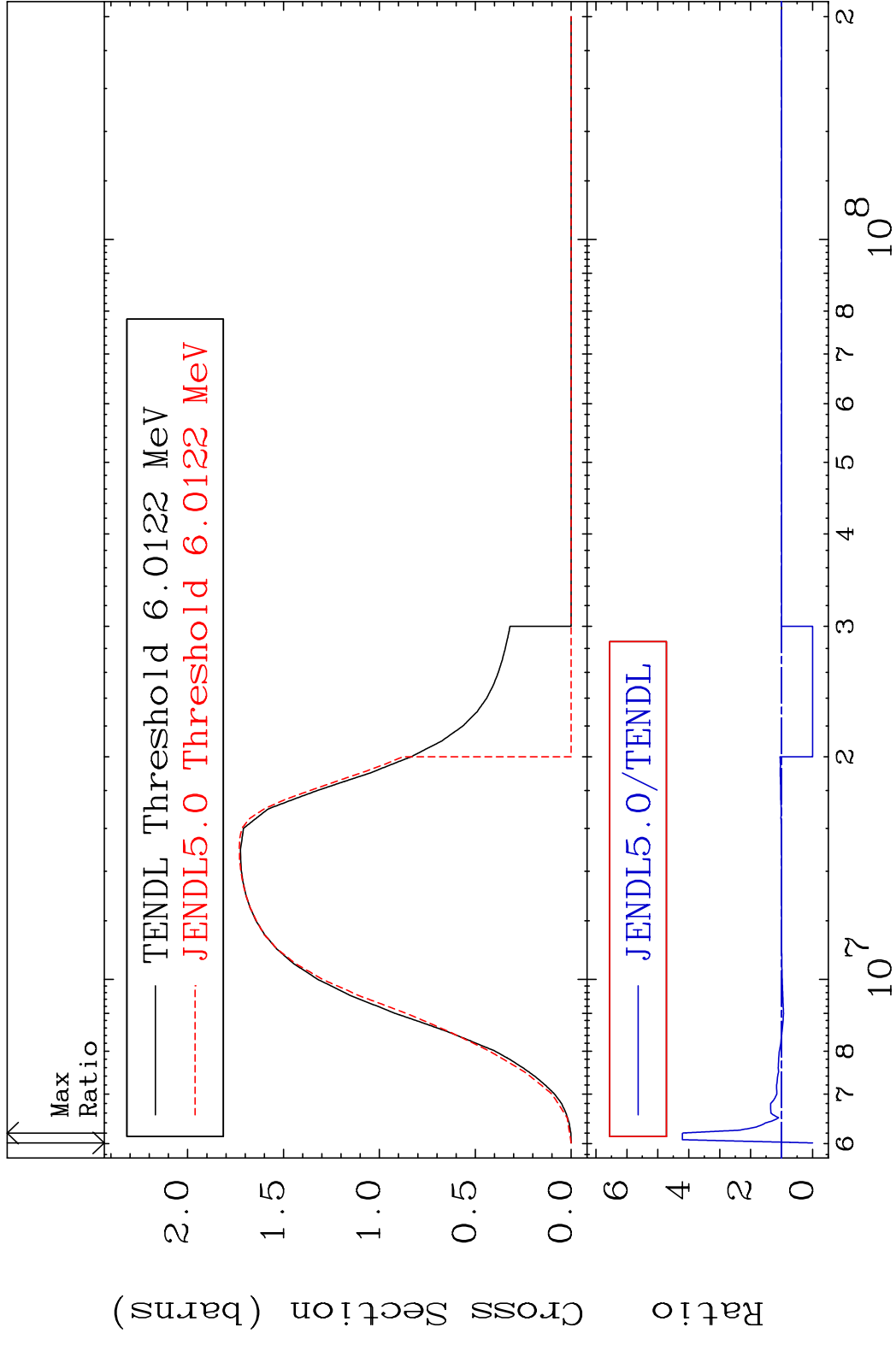
3 Incident Energy (eV) 48-Cd-115m

MAT 4853 (n, remainder) 48-Cd-115m
 Cross Section -0.710 To 1.829 %



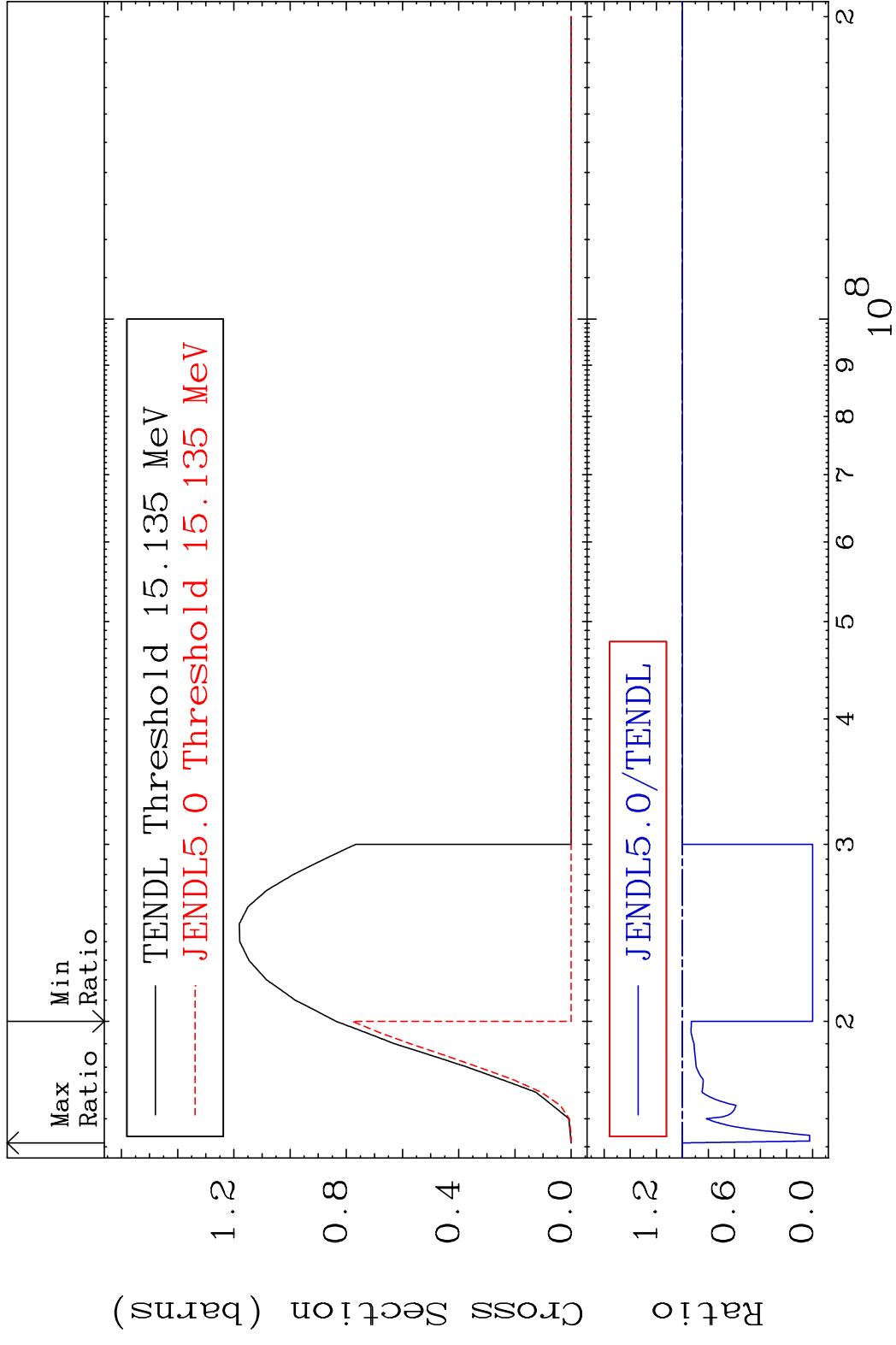
4 Incident Energy (eV) 48-Cd-115m

MAT 4853 (n,2n) 48-Cd-115m
 Cross Section -100.0 To 320.8 %

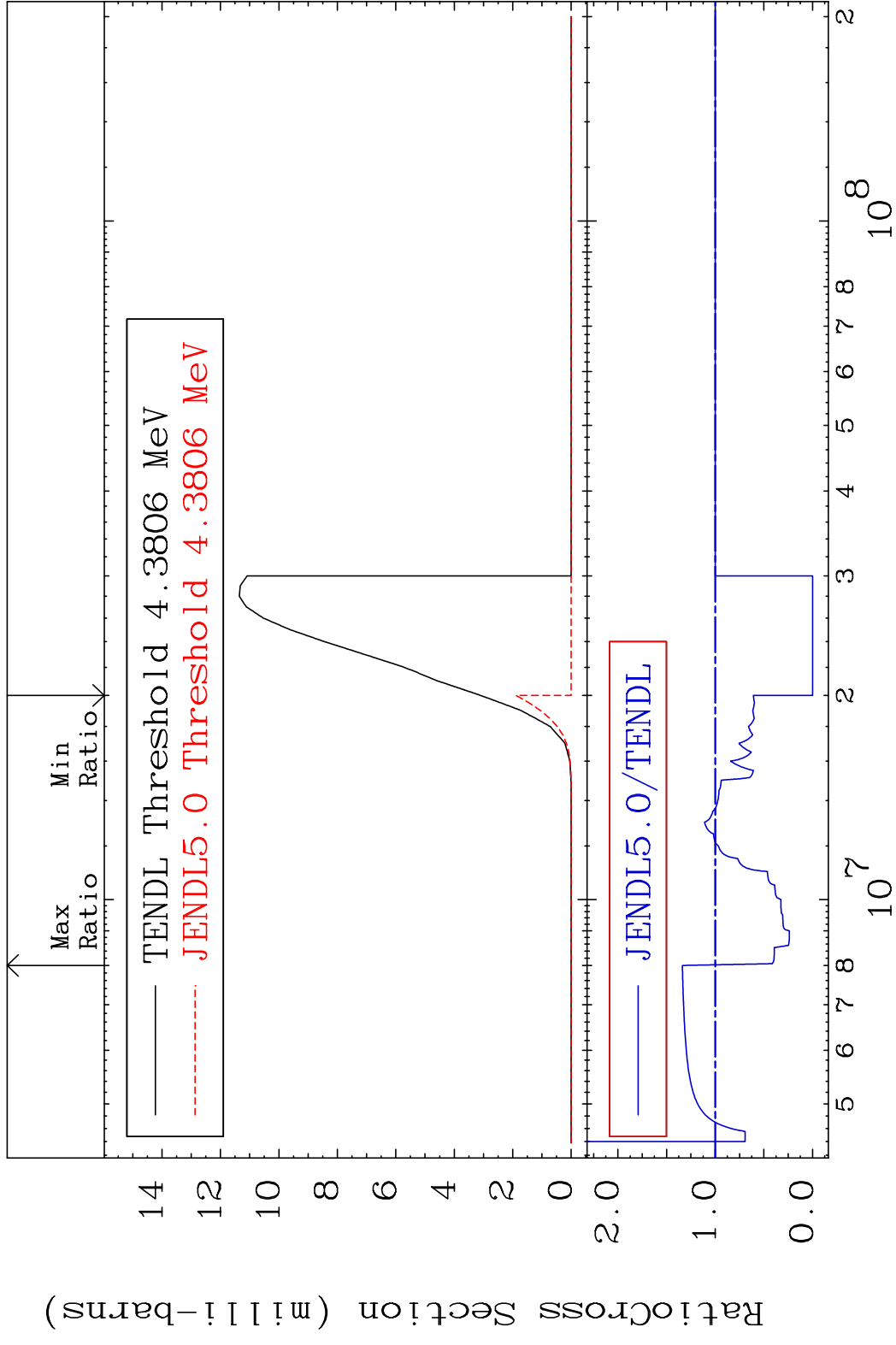


5 Incident Energy (eV) 48-Cd-115m

MAT 4853 (n,3n) 48-Cd-115m
 Cross Section -100.0 To 0.000 %

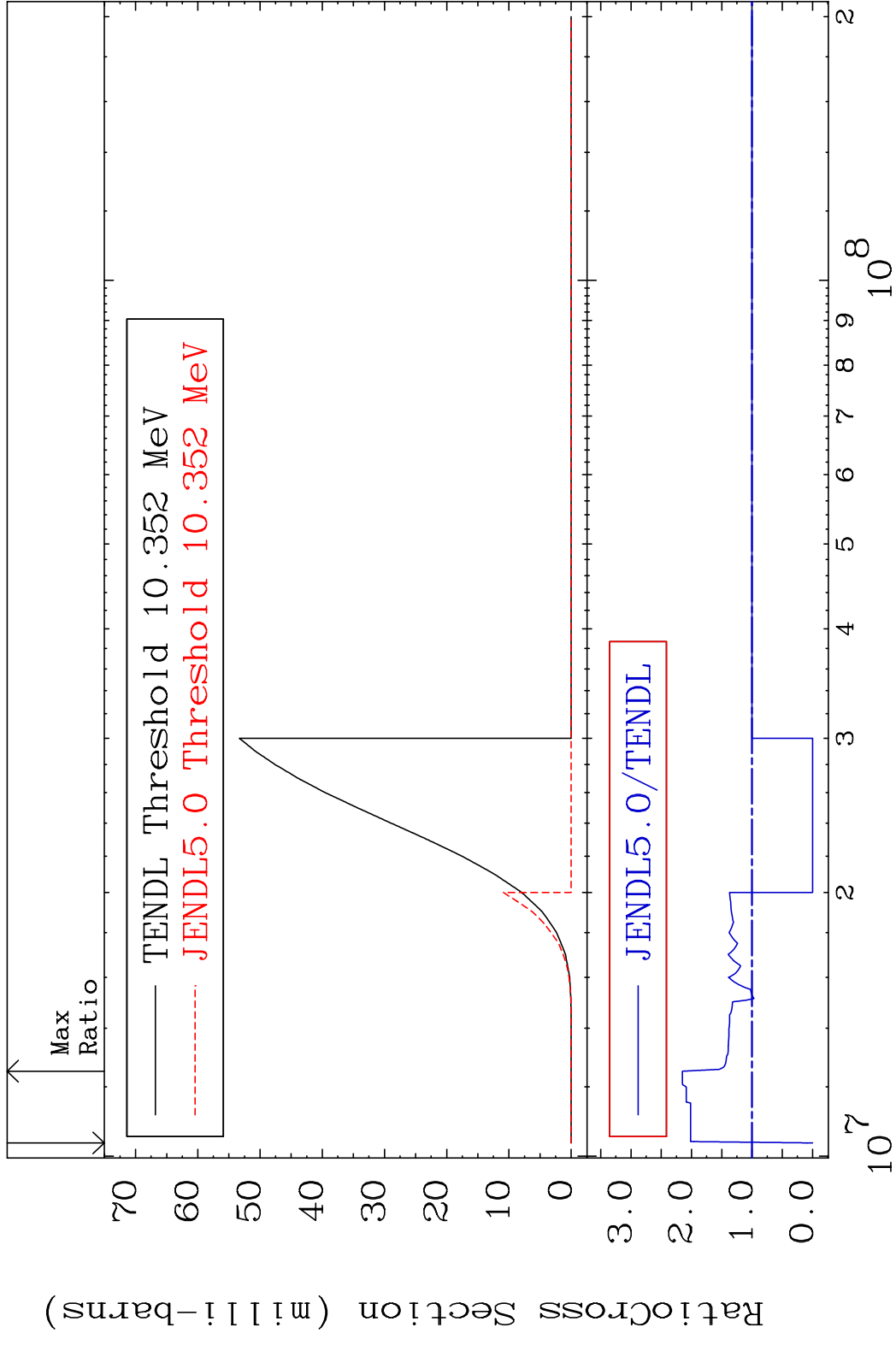


MAT 4853 (n, n') α 48-Cd-115m
 Cross Section -100.0 To 33.80 %



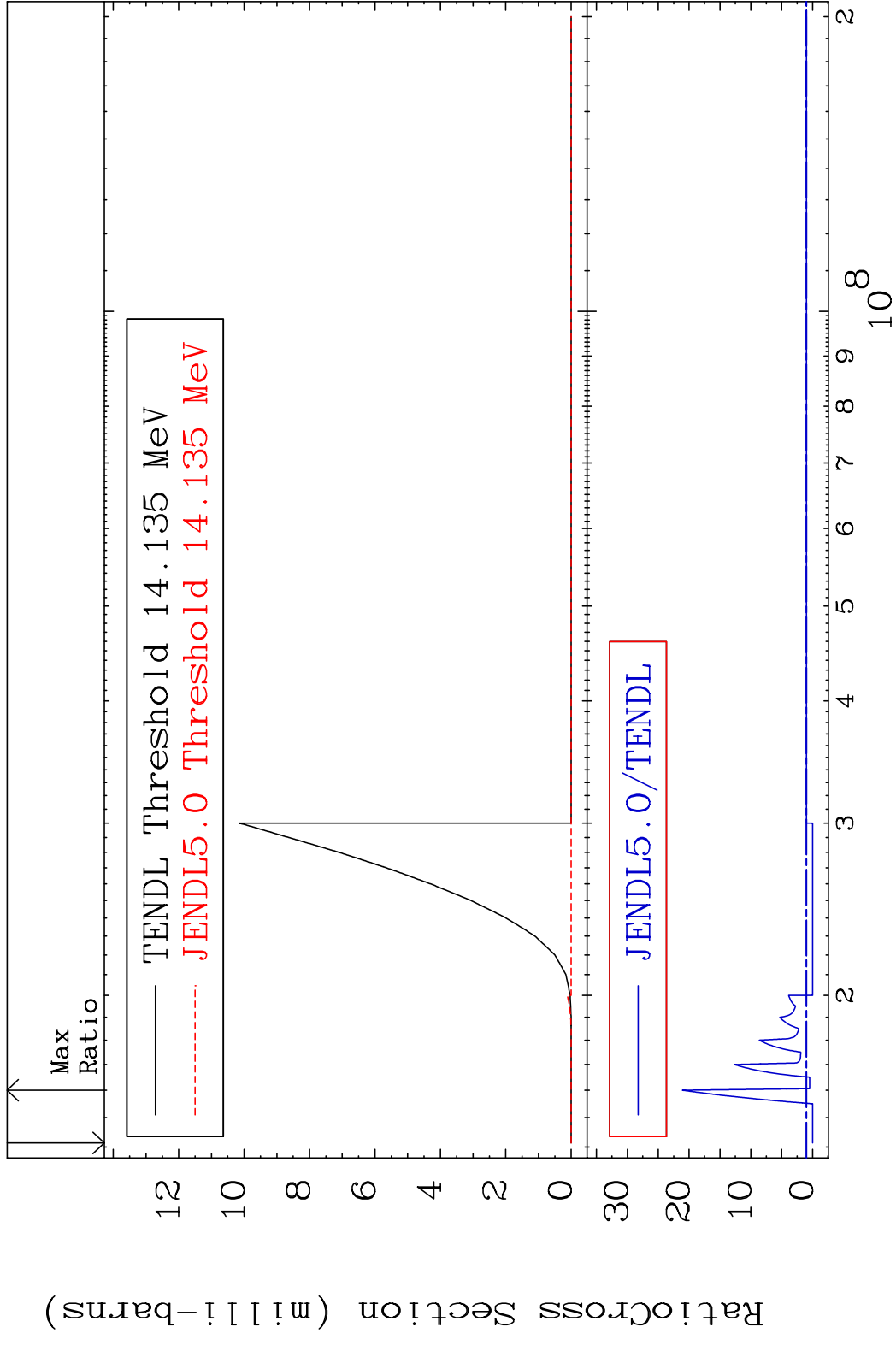
7 Incident Energy (eV) 48-Cd-115m

MAT 4853 (n, n') p 48-Cd-115m
 Cross Section -100.0 To 115.1 %

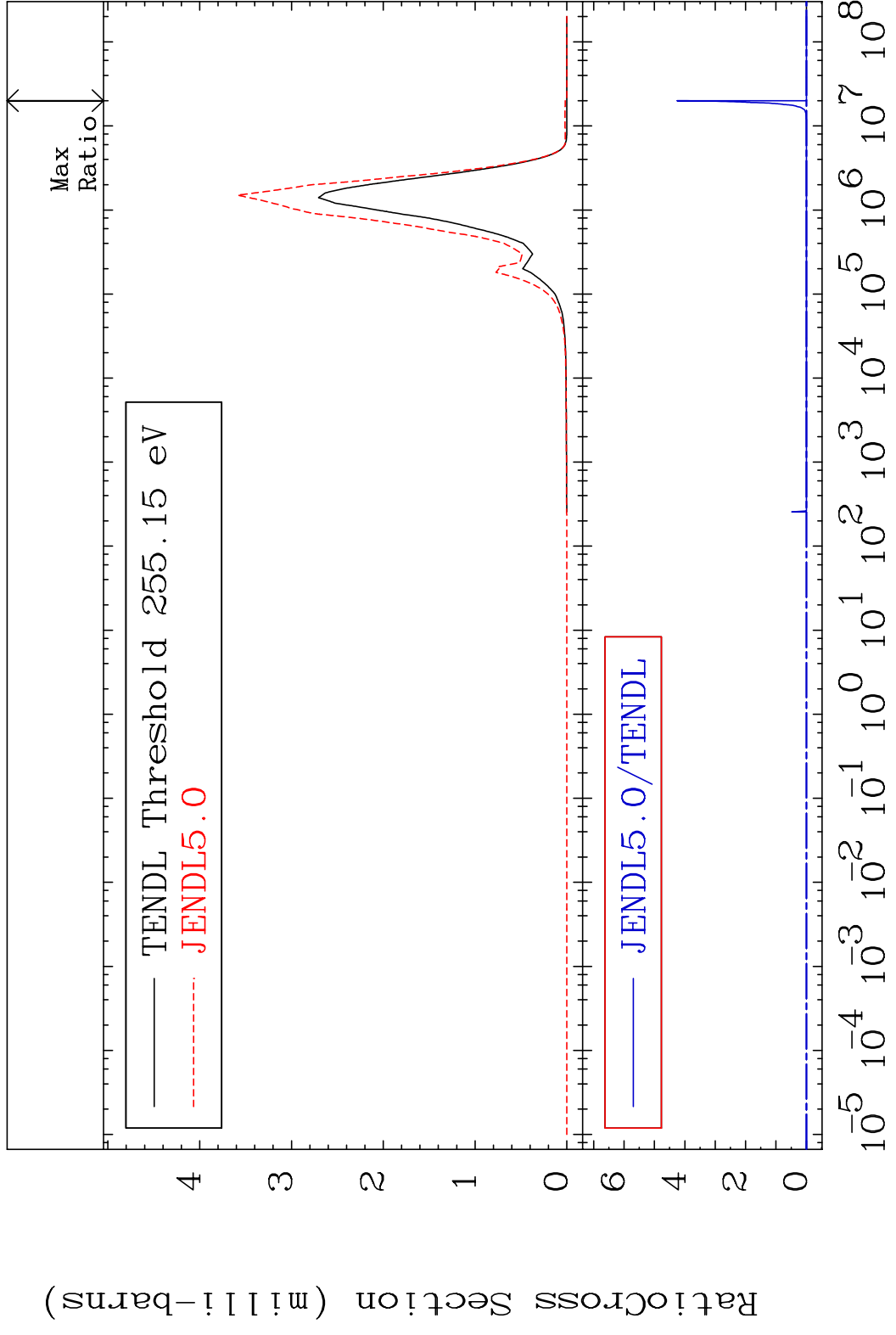


8 Incident Energy (eV) 48-Cd-115m

MAT 4853 (n, n') d 48-Cd-115m
 Cross Section -100.0 To 2009. %

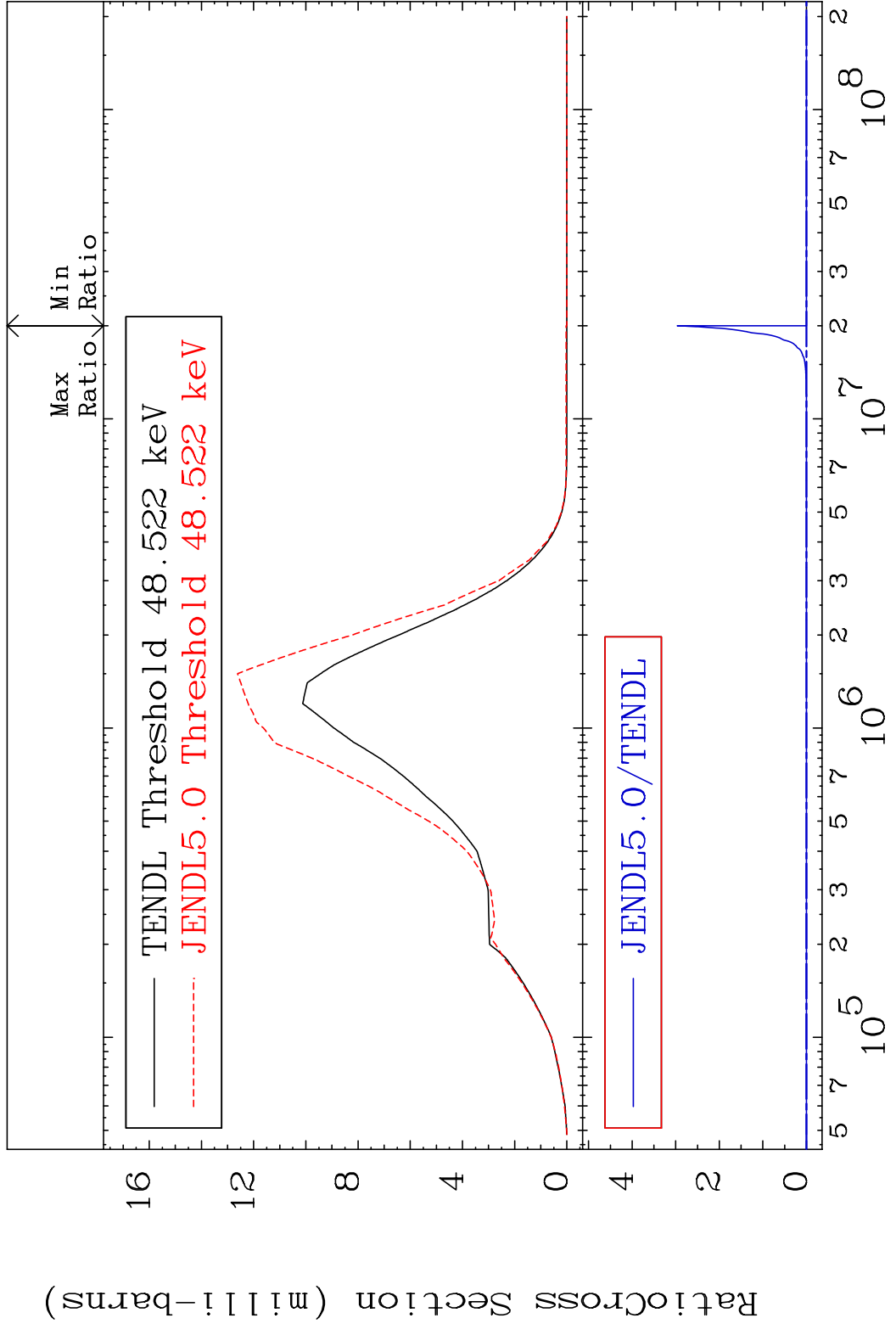


MAT 4853 MT= 51 (n, n') Level 48-Cd-115m
Cross Section -100.0 To 9999. %

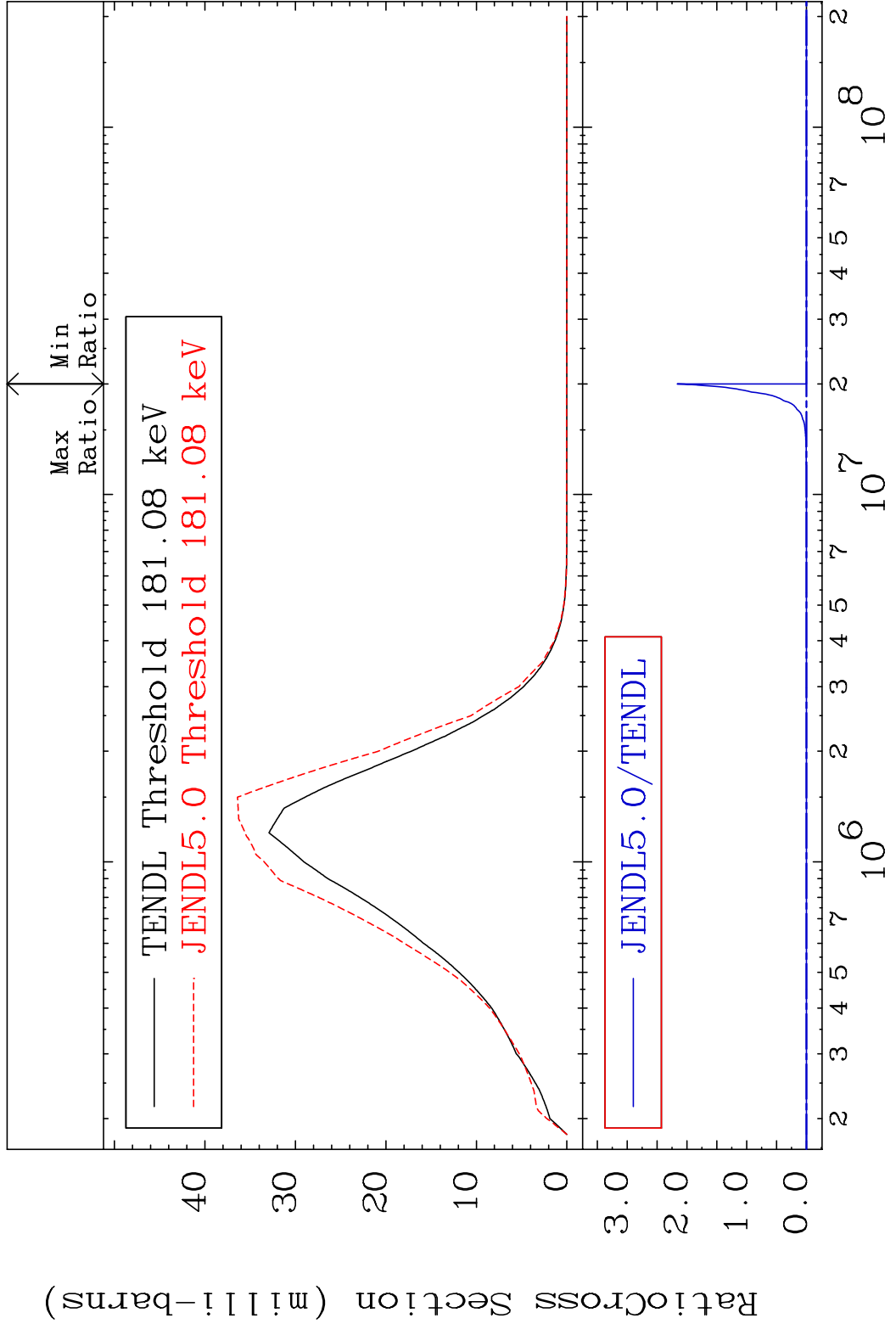


10 Incident Energy (eV) 48-Cd-115m

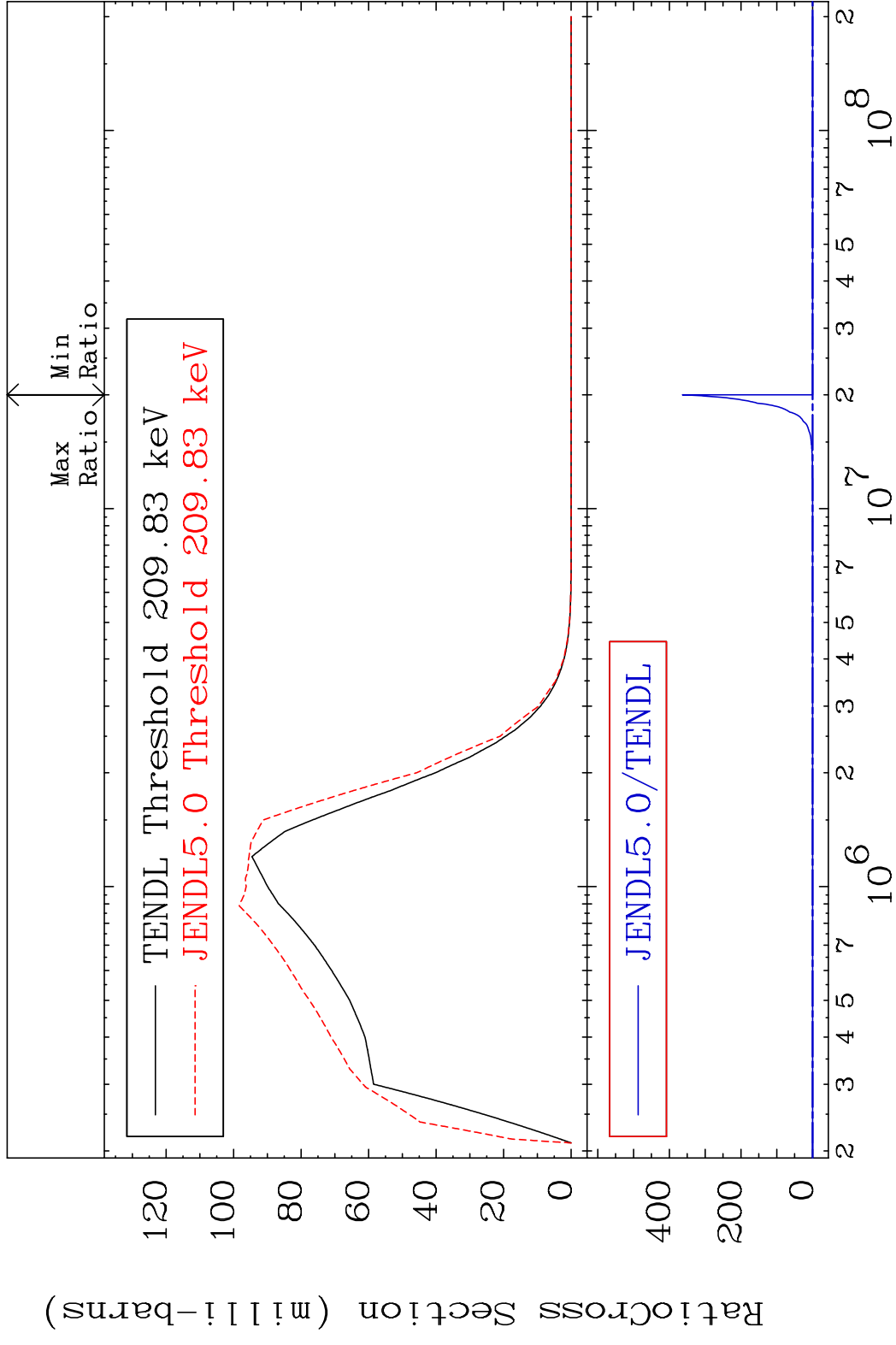
MAT 4853 MT= 52 (n,n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



MAT 4853 MT= 53 (n,n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

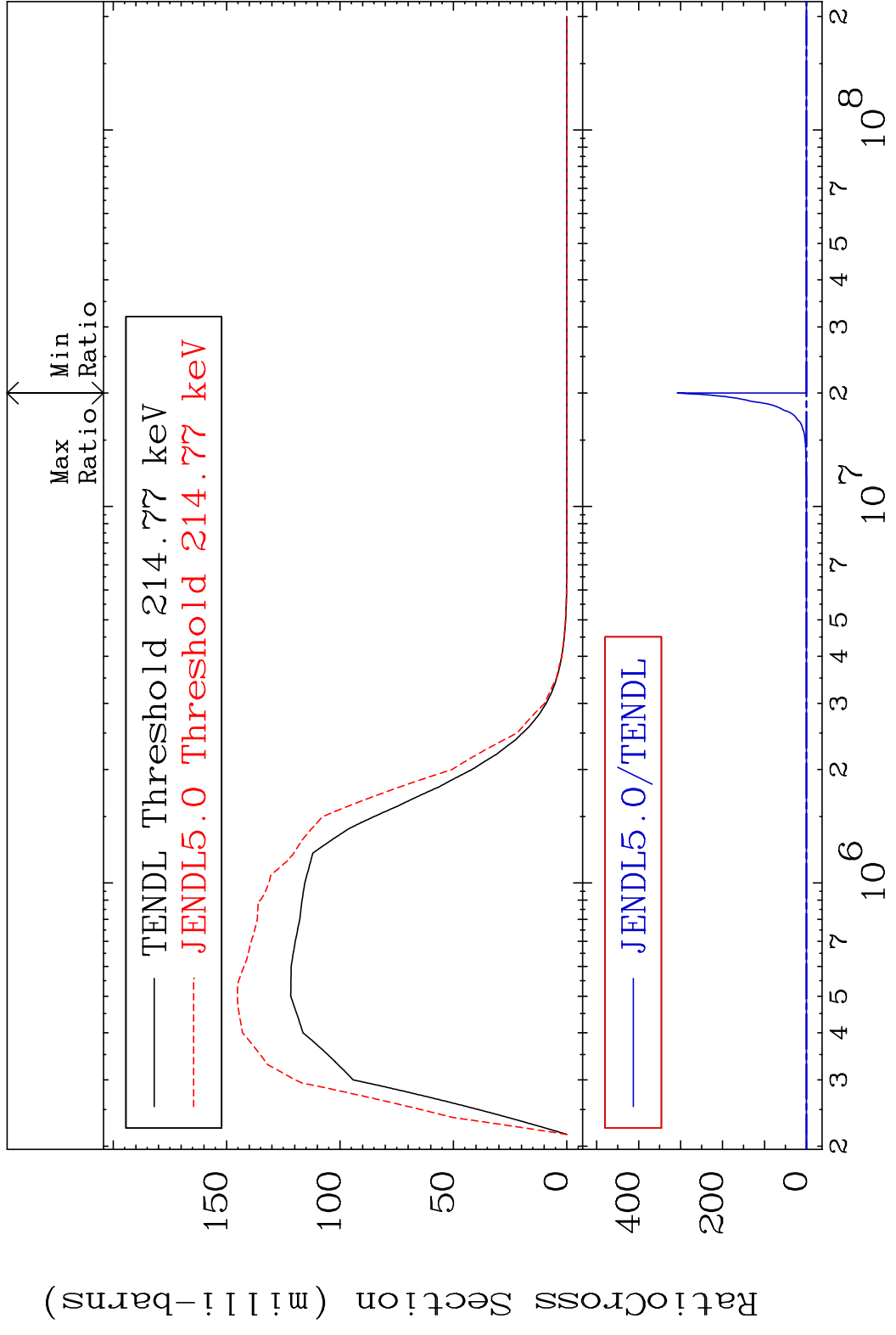


MAT 4853 MT= 54 (n,n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

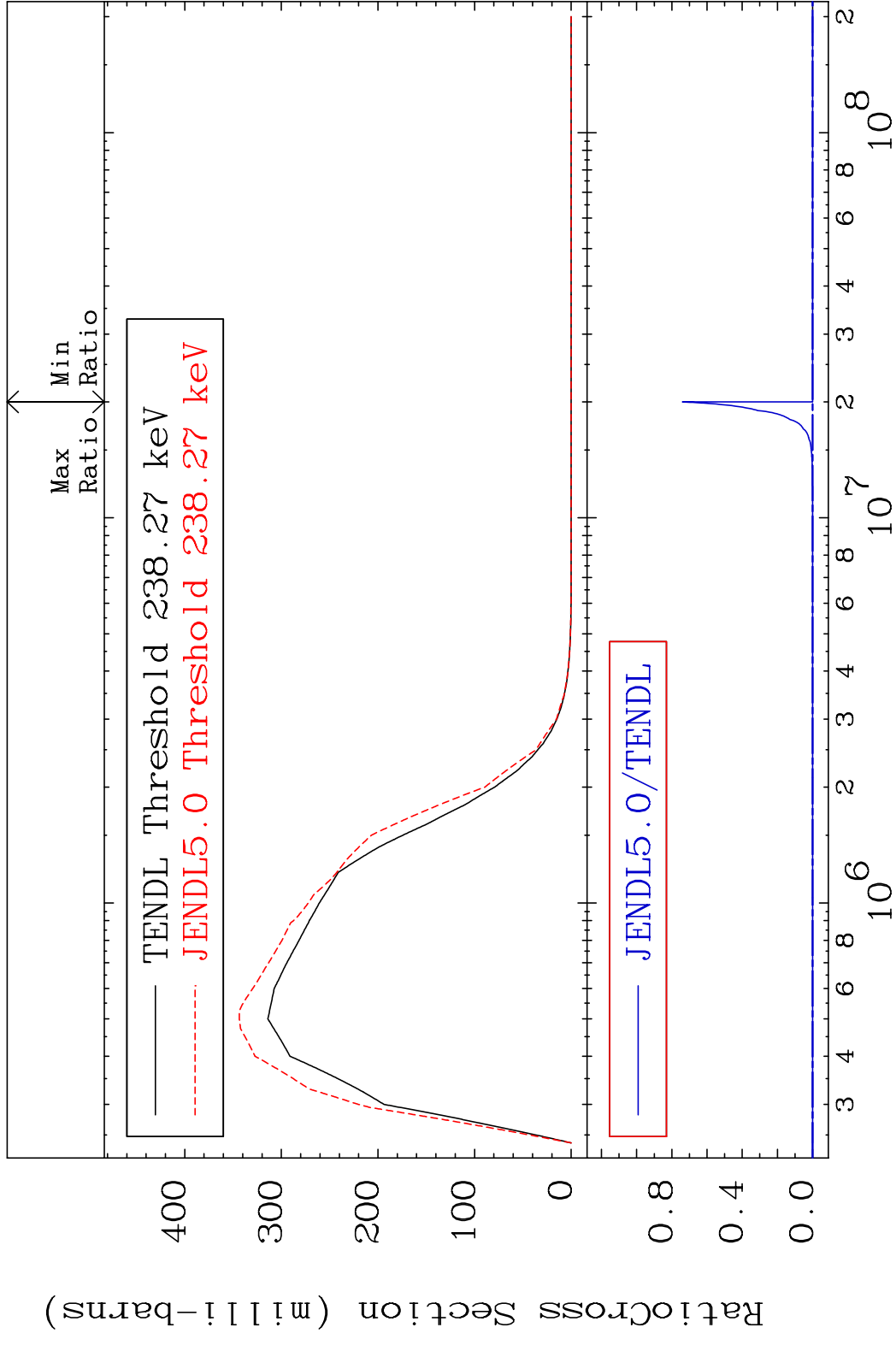


13 Incident Energy (eV) 48-Cd-115m

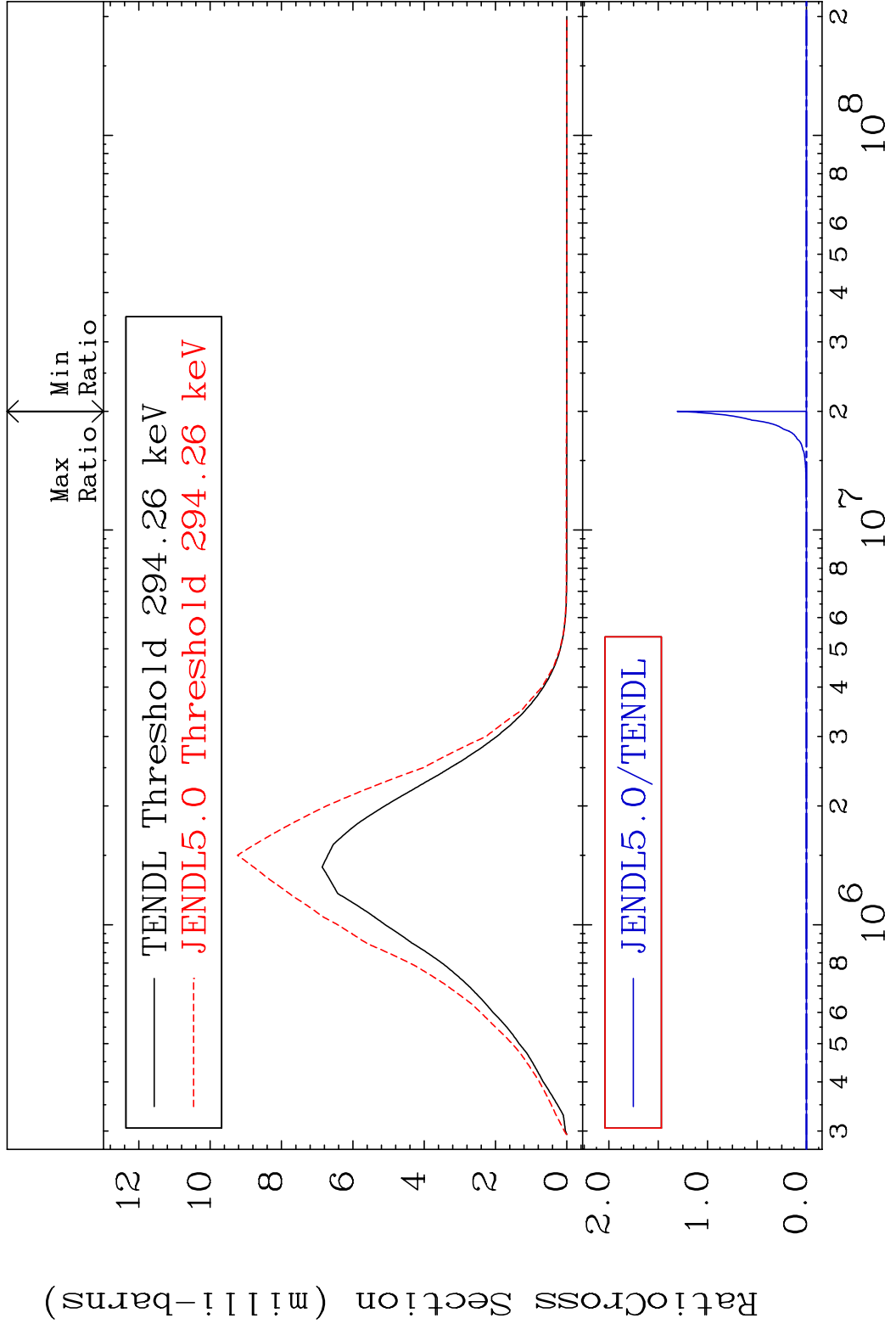
MAT 4853 MT= 55 (n,n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



MAT 4853 MT= 56 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

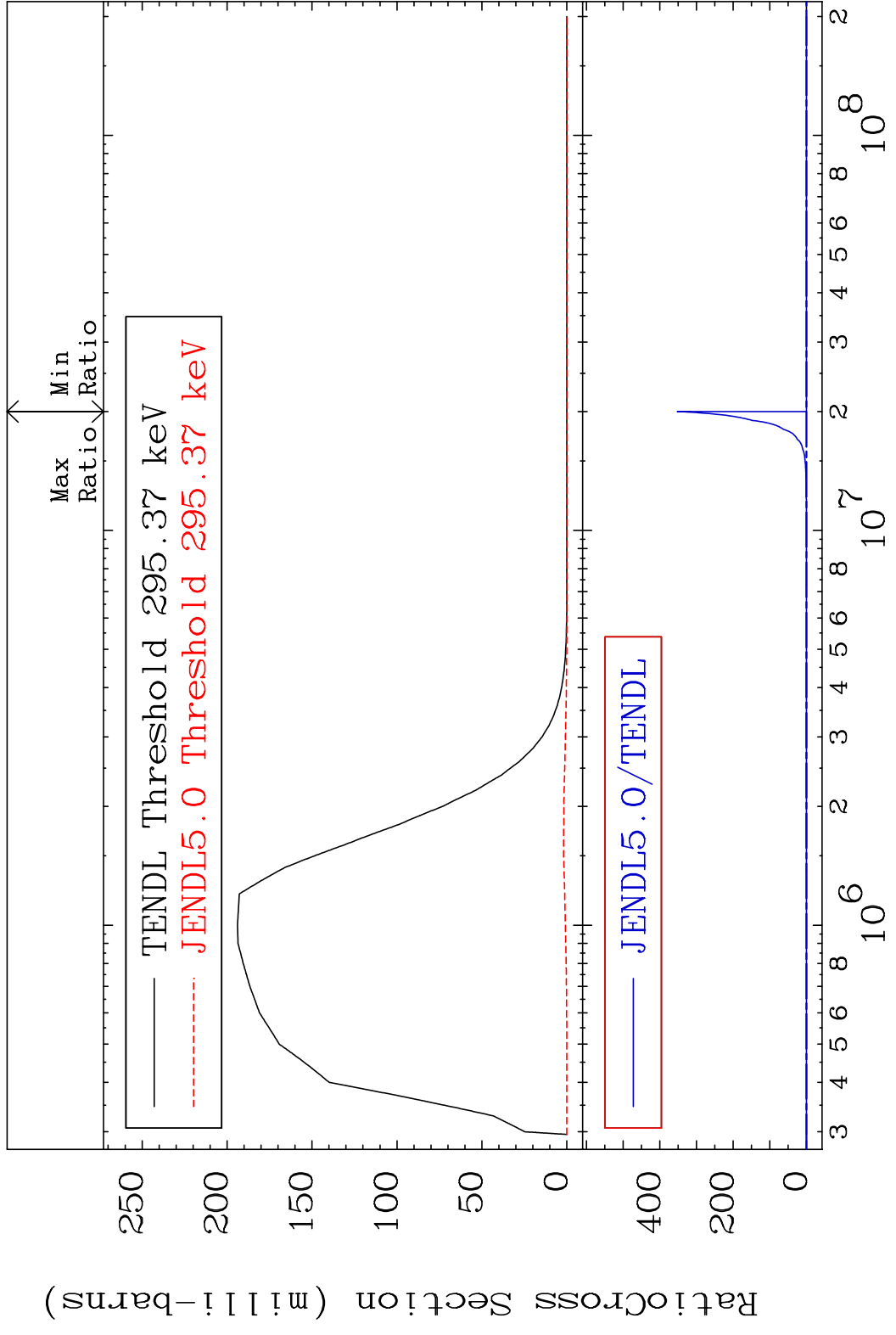


MAT 4853 MT= 57 (n,n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

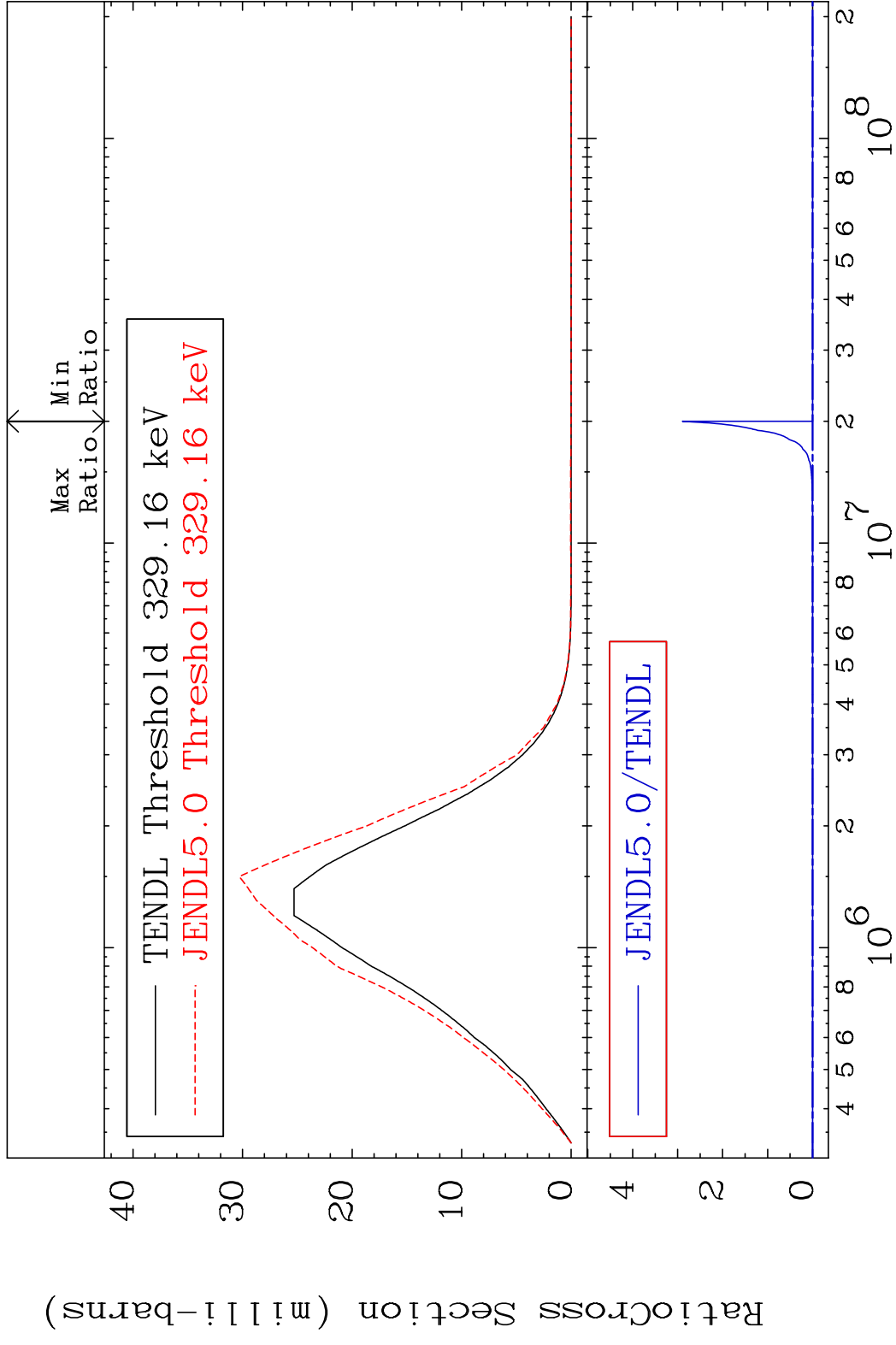


16 Incident Energy (eV) 48-Cd-115m

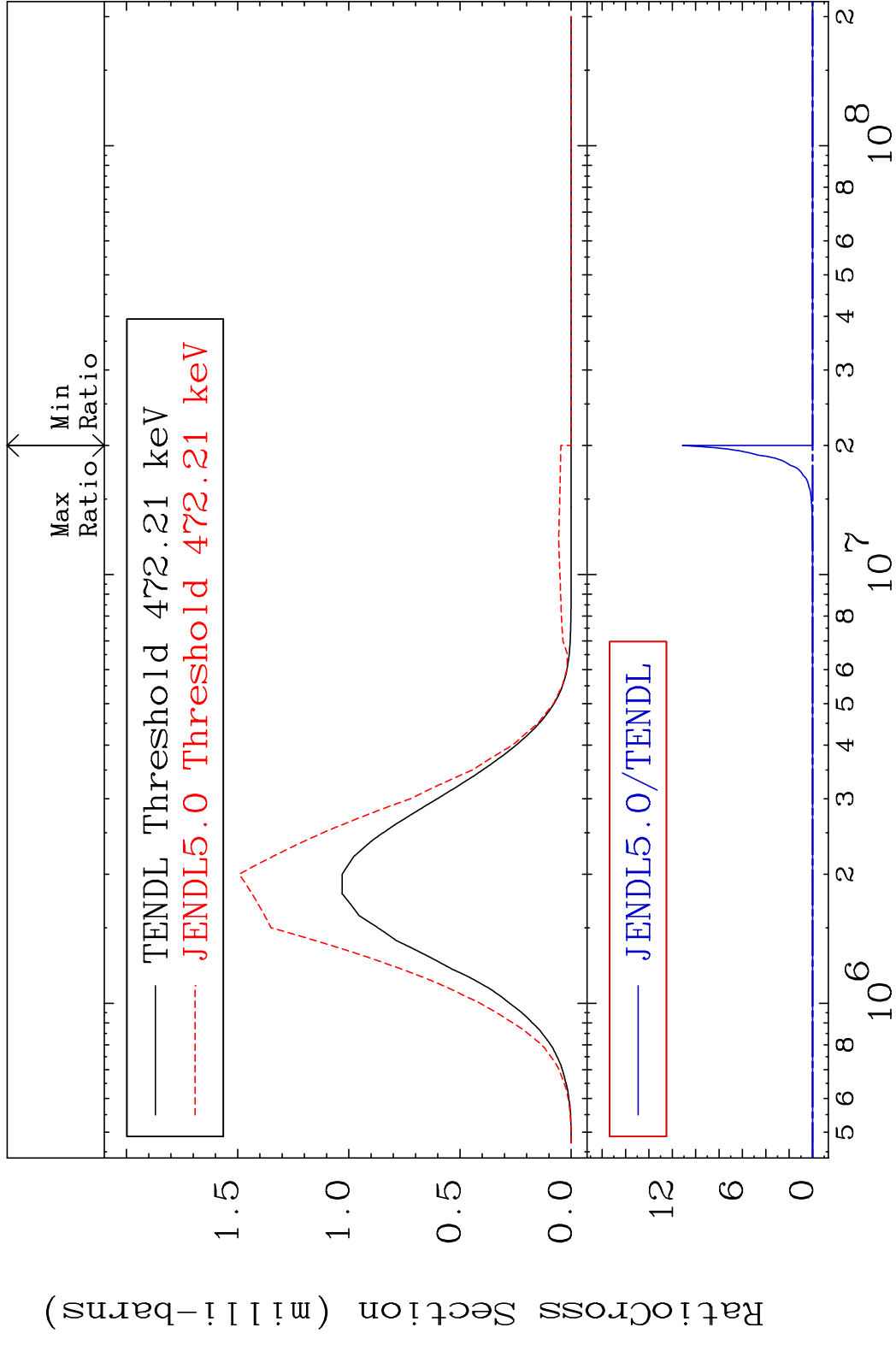
MAT 4853 MT= 58 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



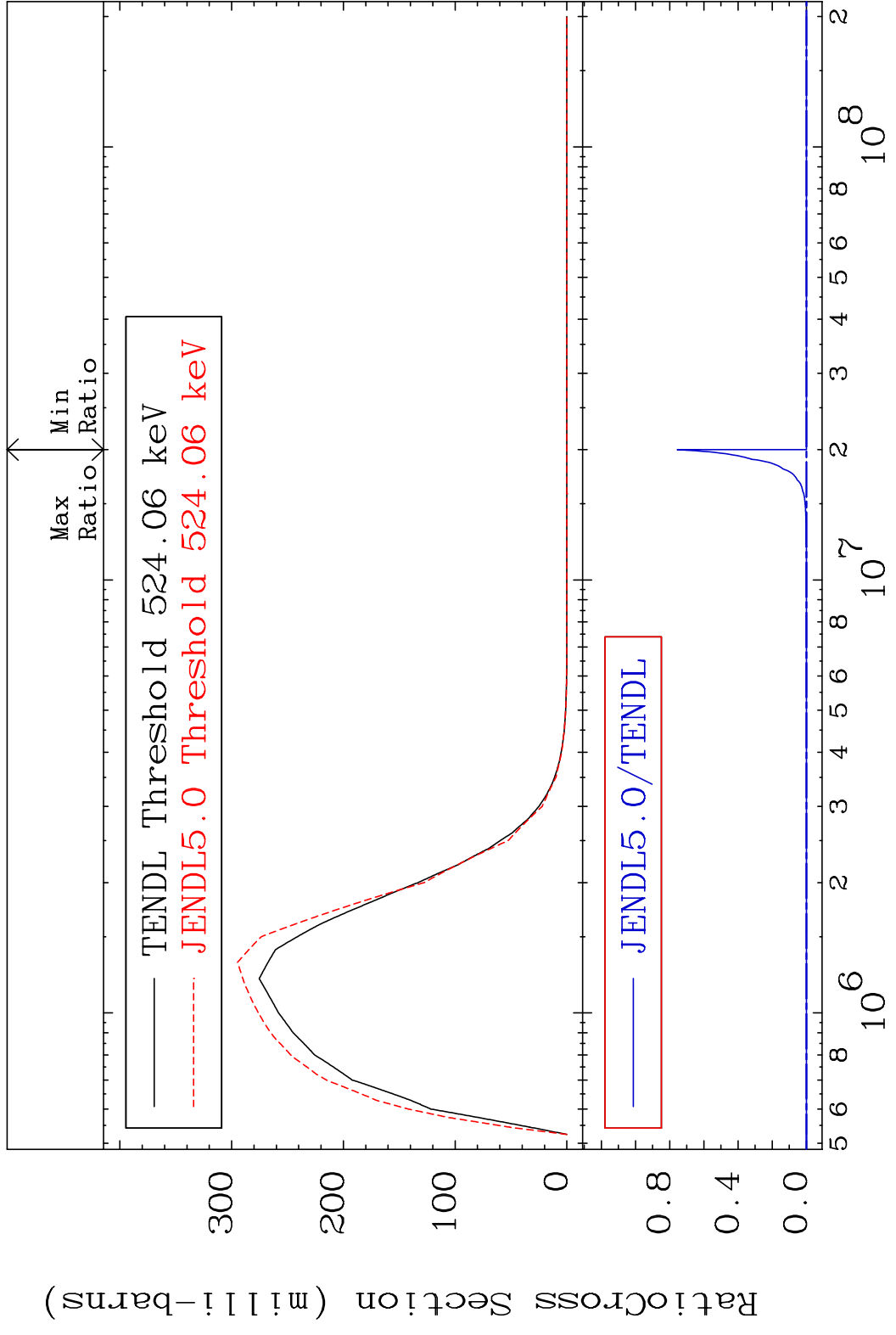
MAT 4853 MT= 59 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



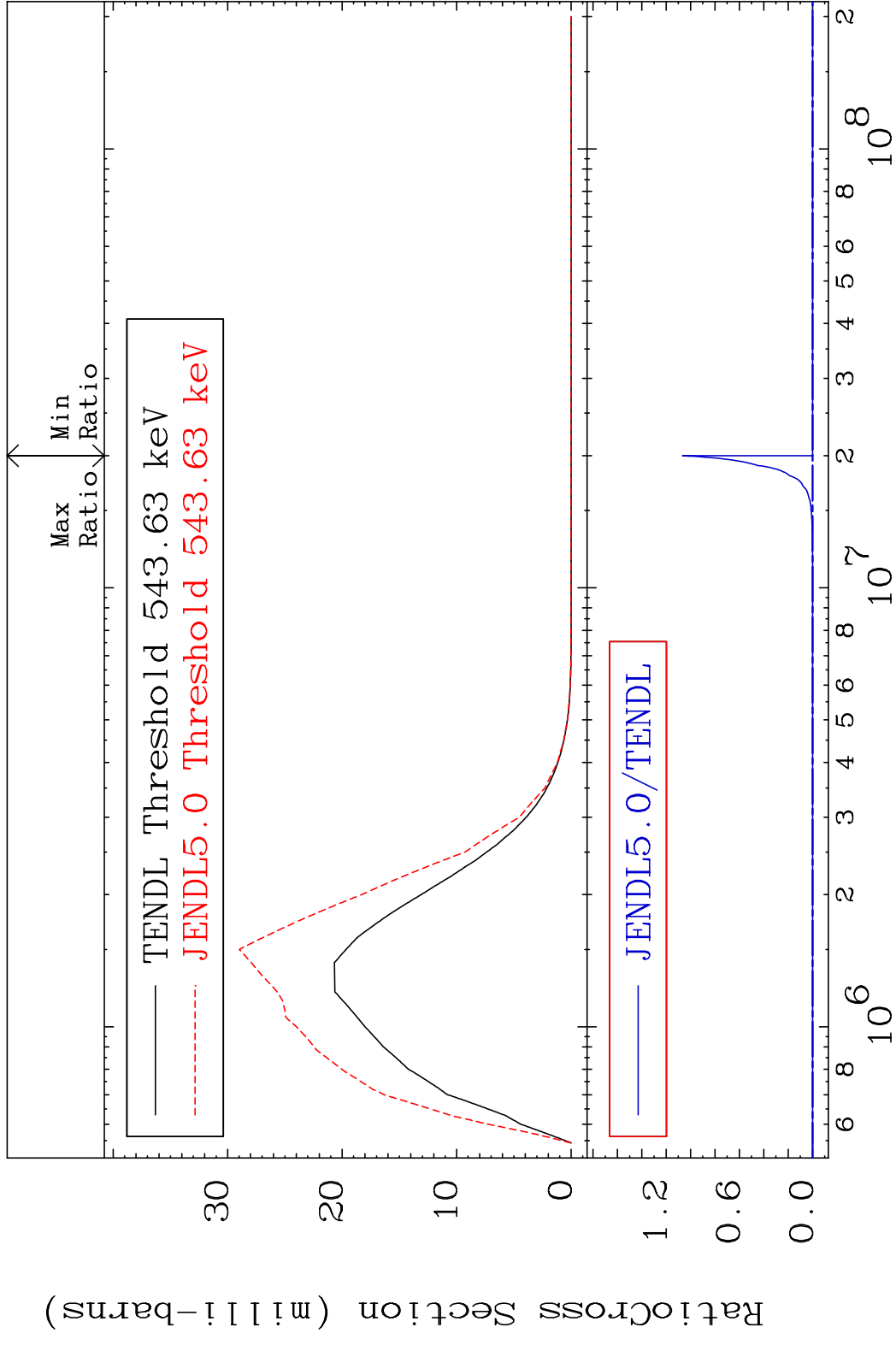
MAT 4853 MT= 60 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



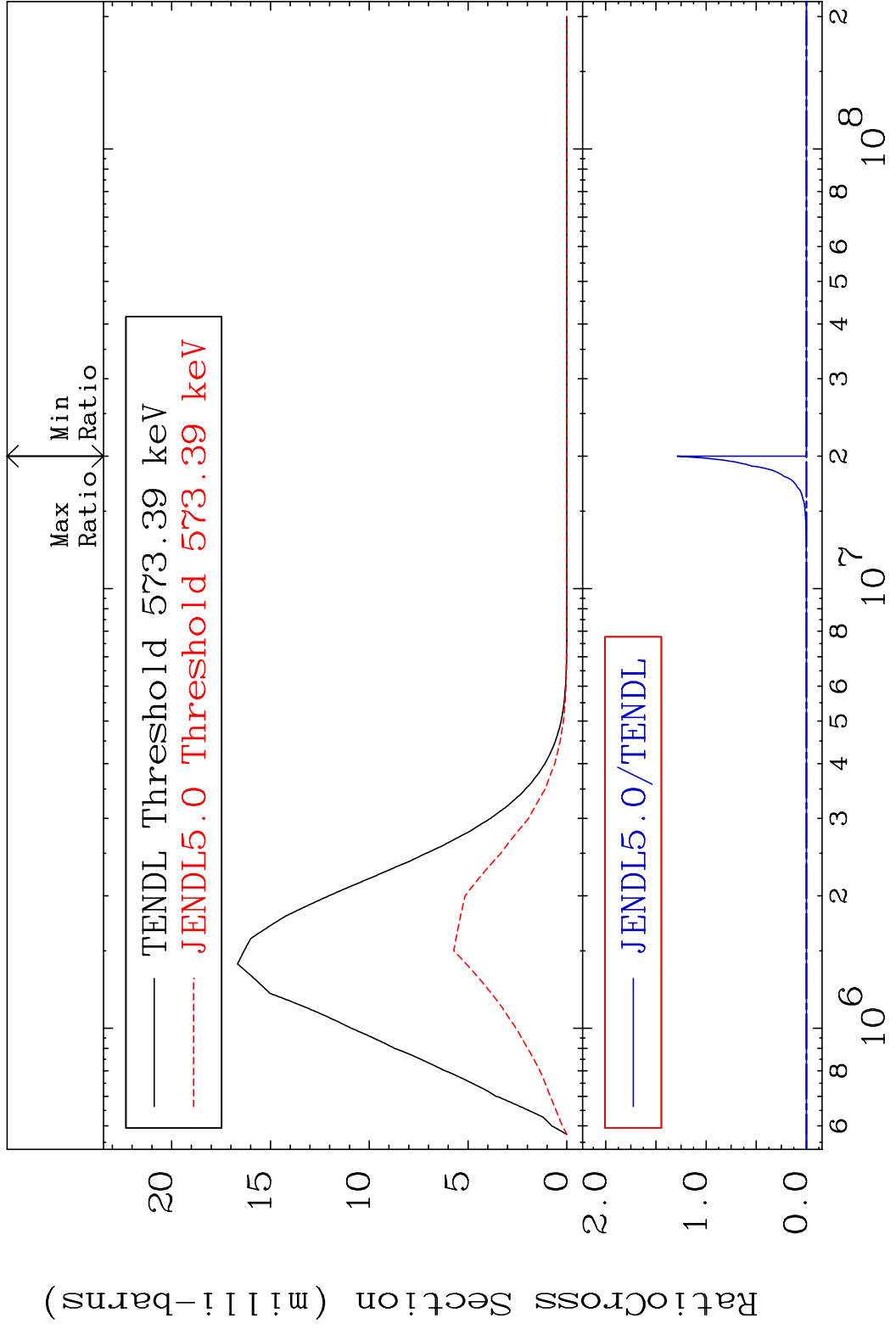
MAT 4853 MT= 61 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



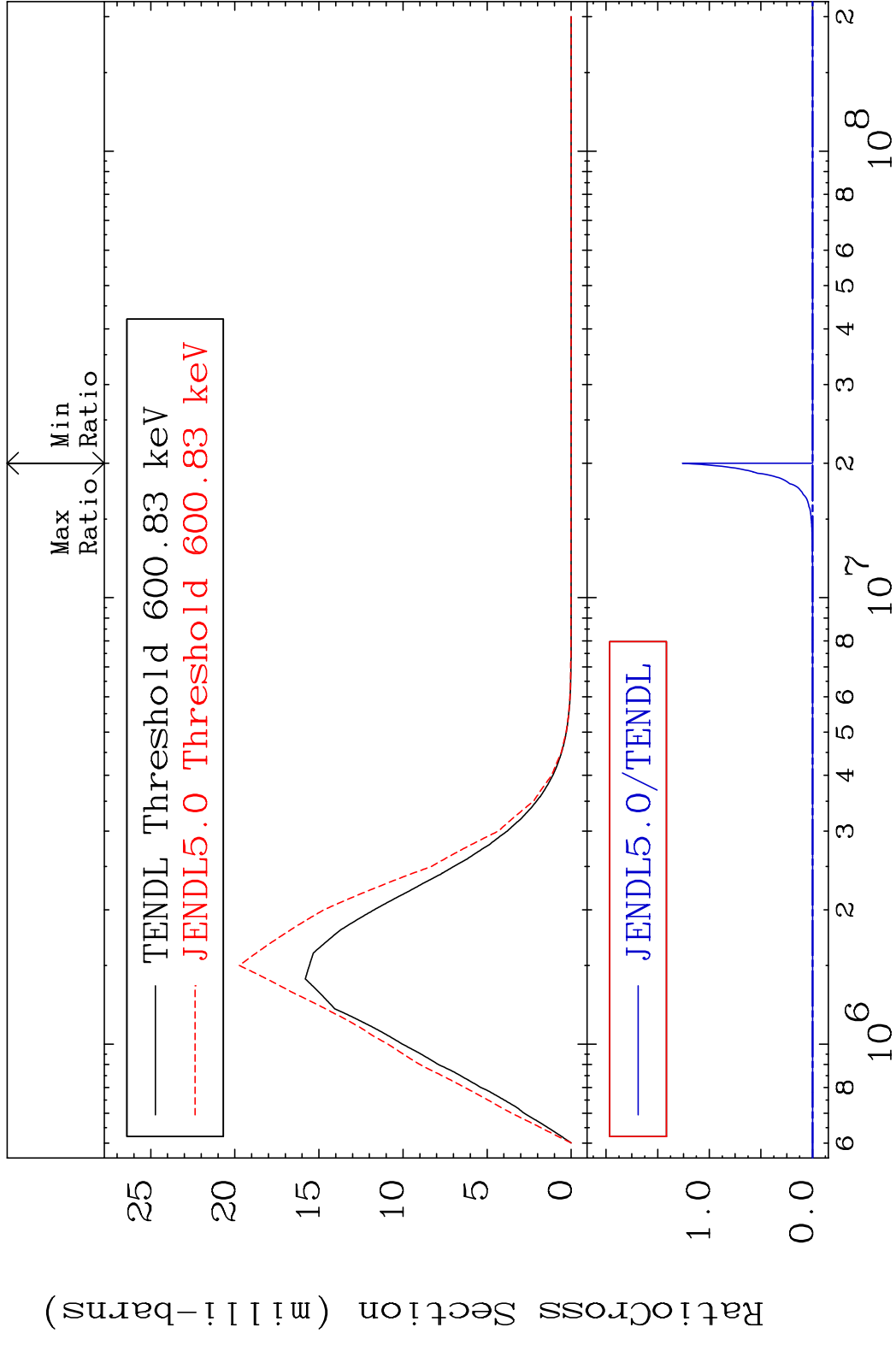
MAT 4853 MT= 62 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



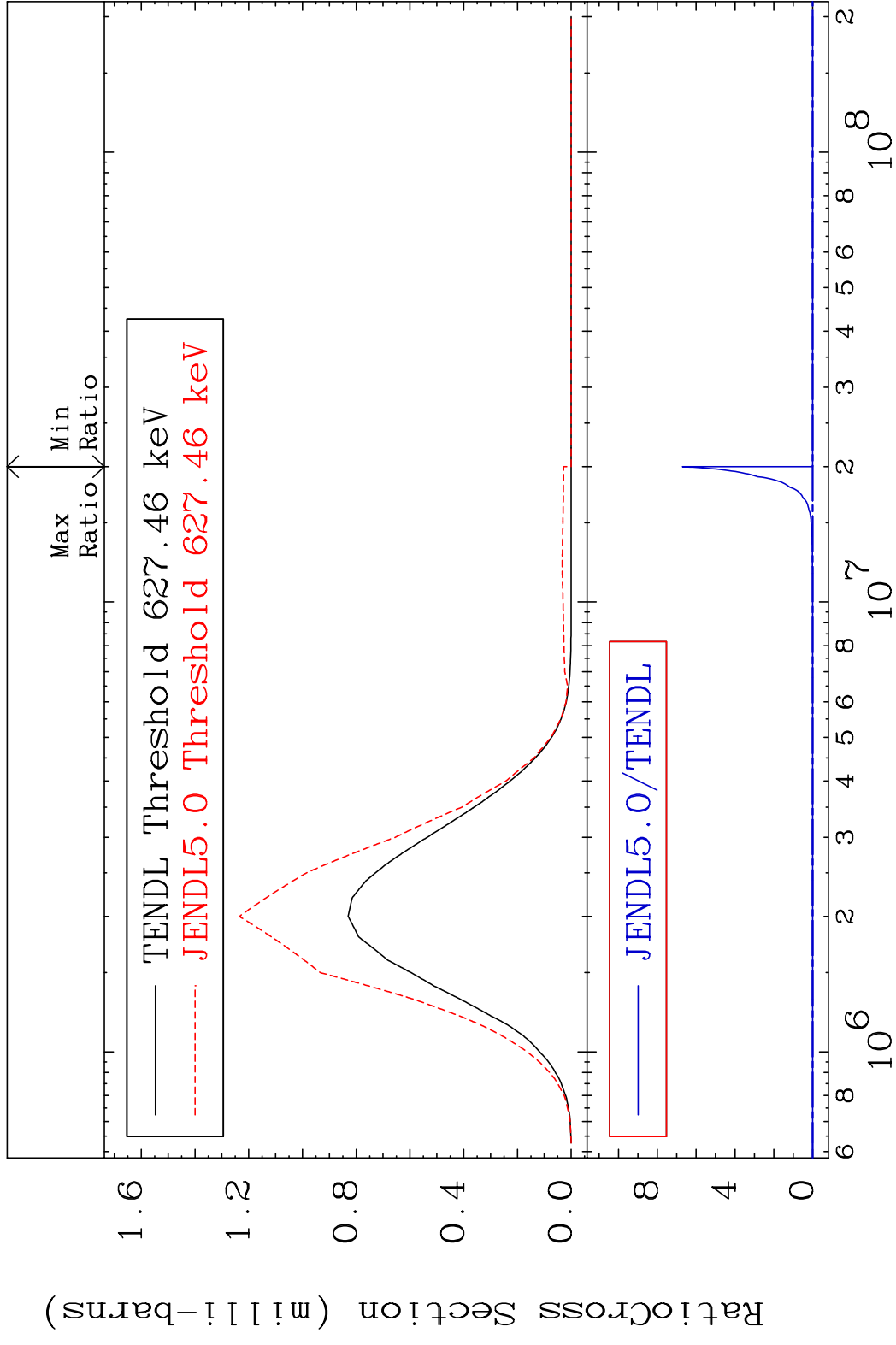
MAT 4853 MT= 63 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



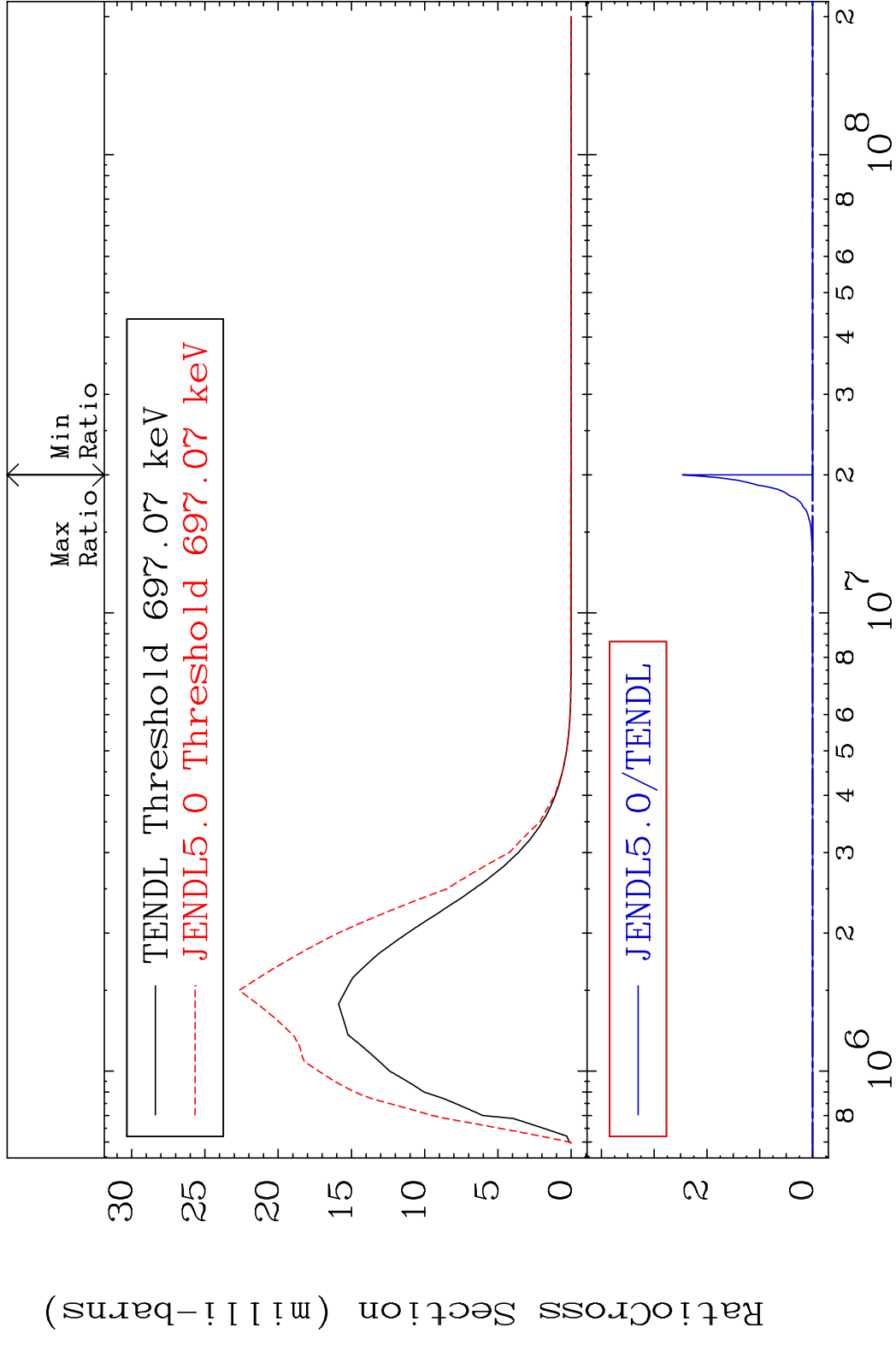
MAT 4853 MT= 64 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



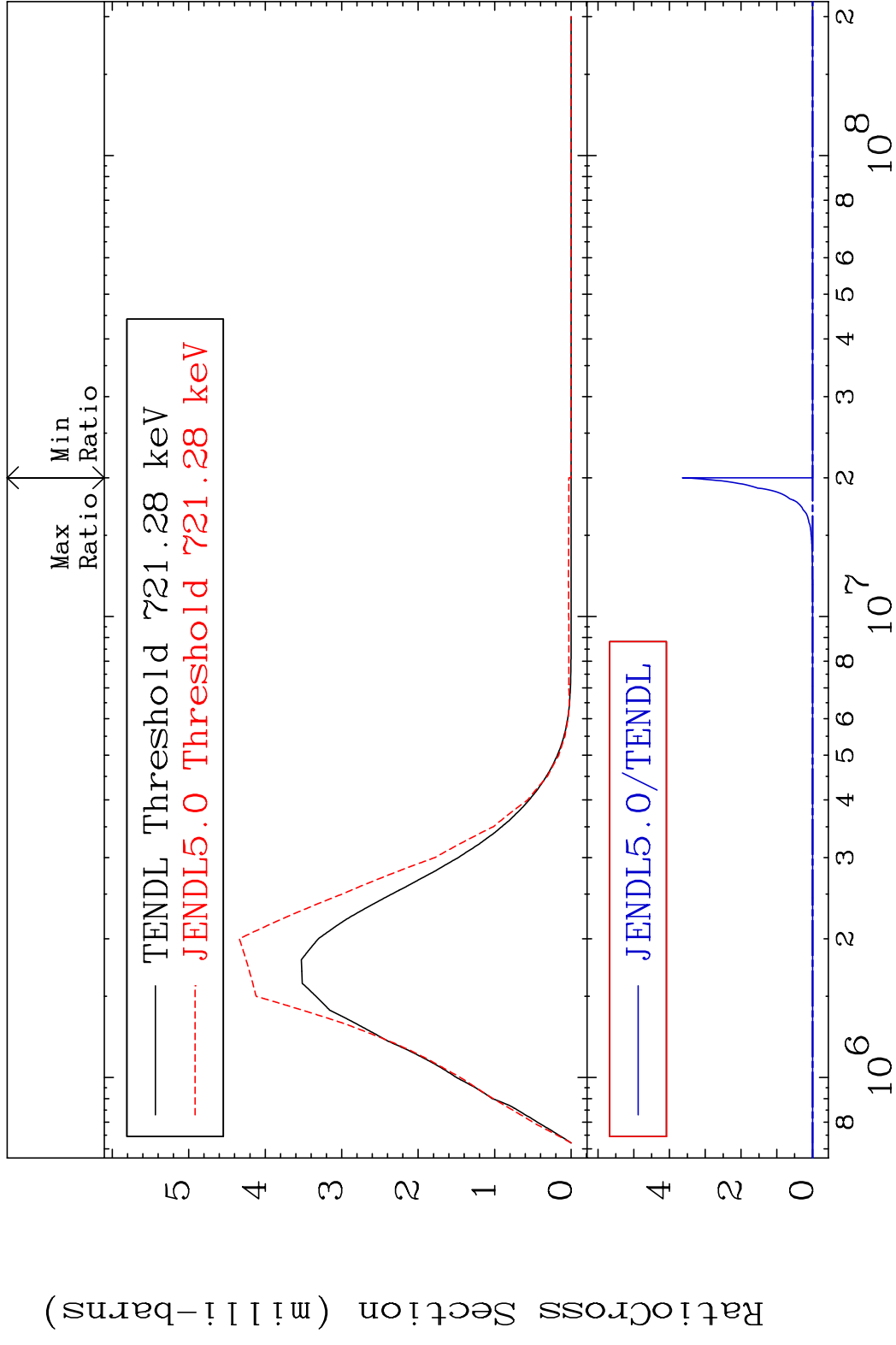
MAT 4853 MT= 65 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



MAT 4853 MT= 66 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

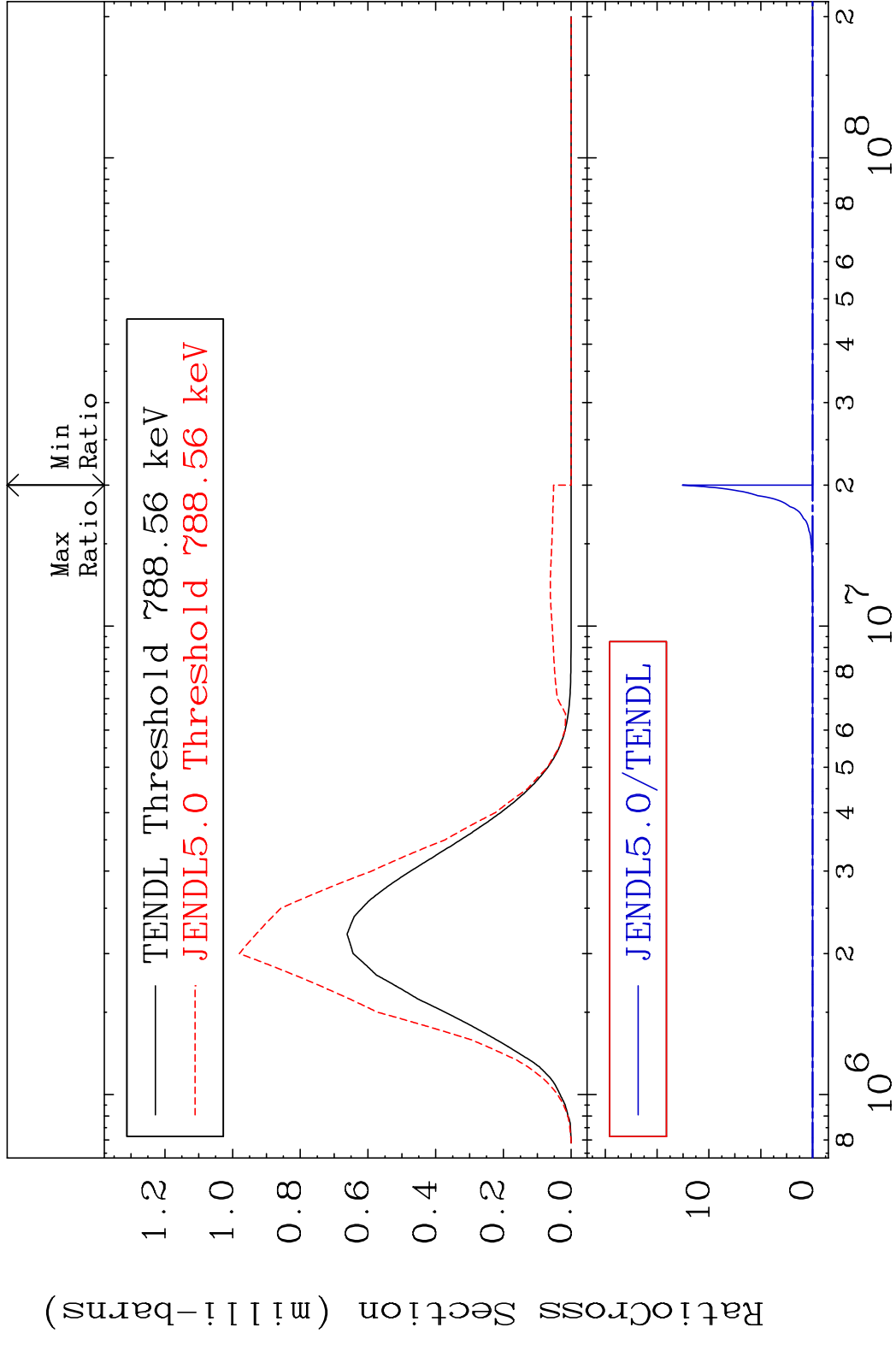


MAT 4853 MT= 67 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

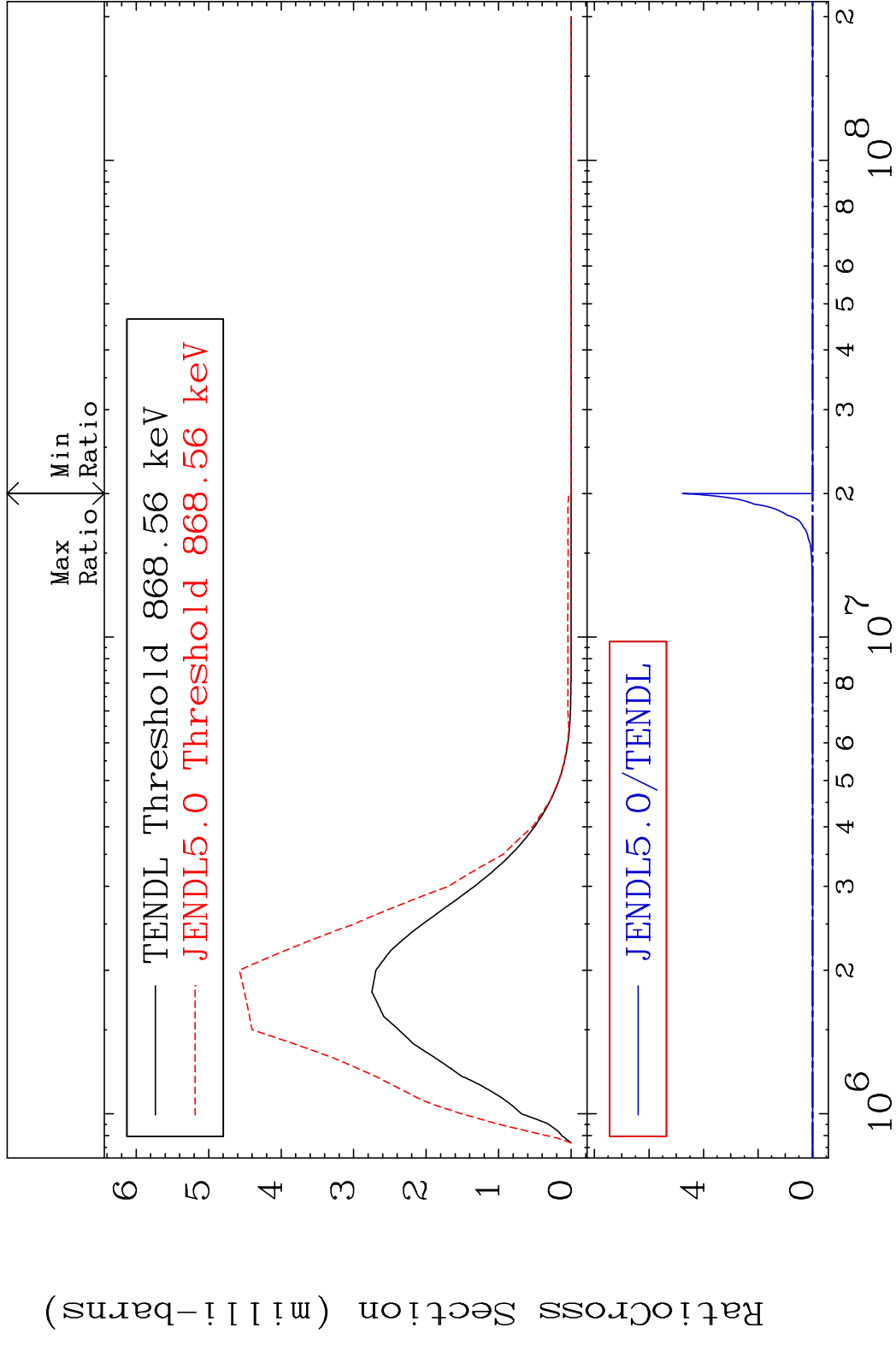


26 Incident Energy (eV) 48-Cd-115m

MAT 4853 MT= 68 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

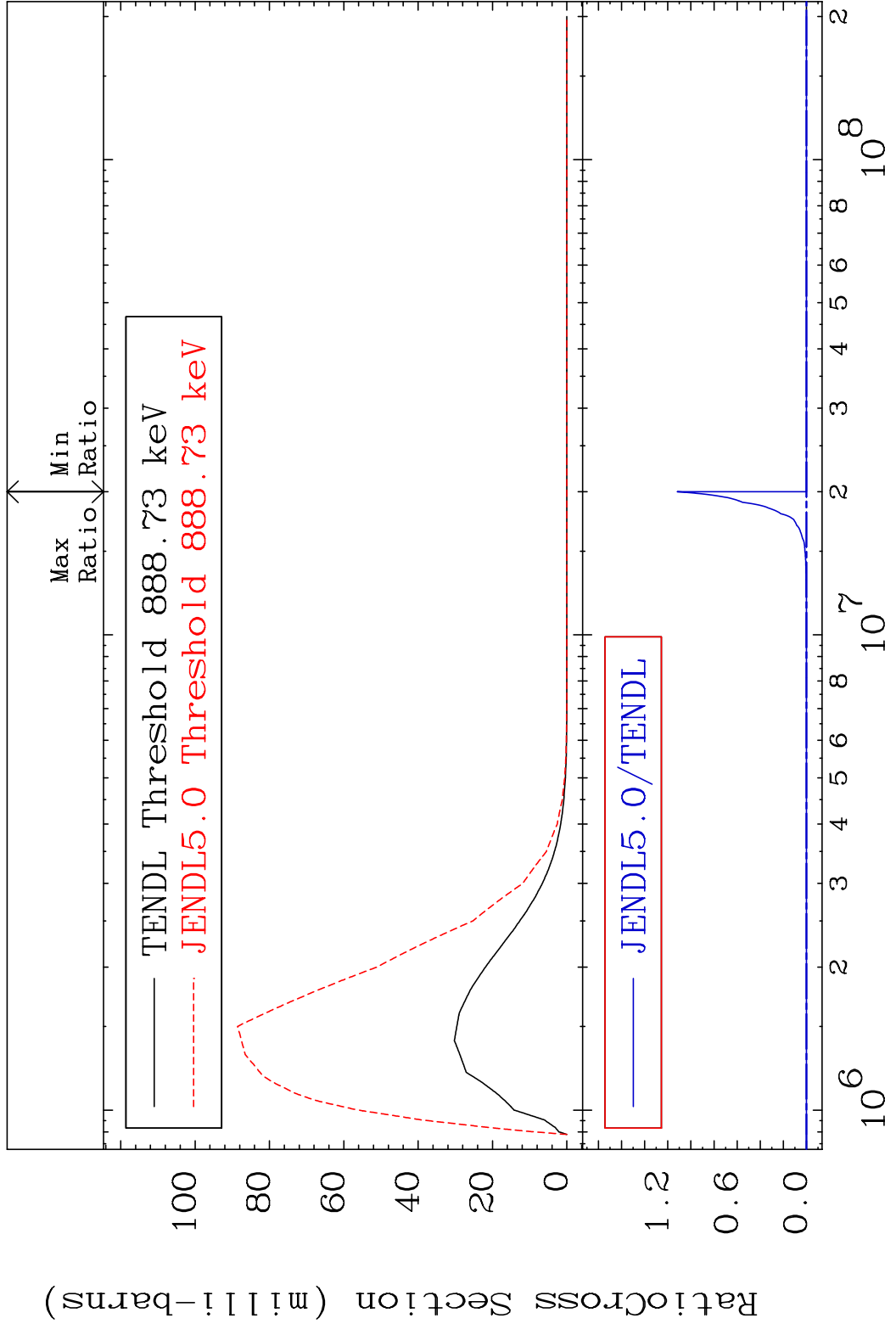


MAT 4853 MT= 69 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



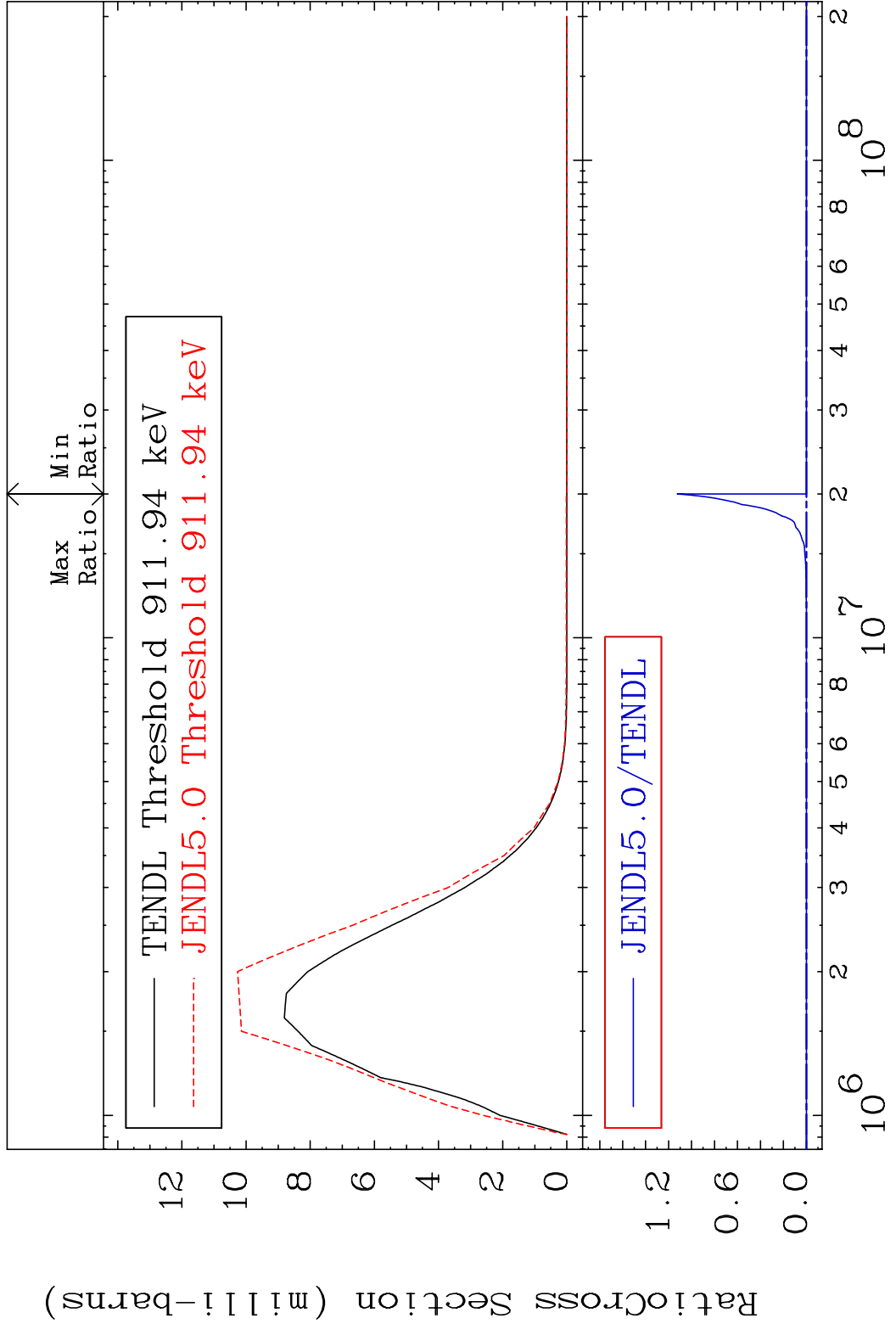
28 Incident Energy (eV) 48-Cd-115m

MAT 4853 MT= 70 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



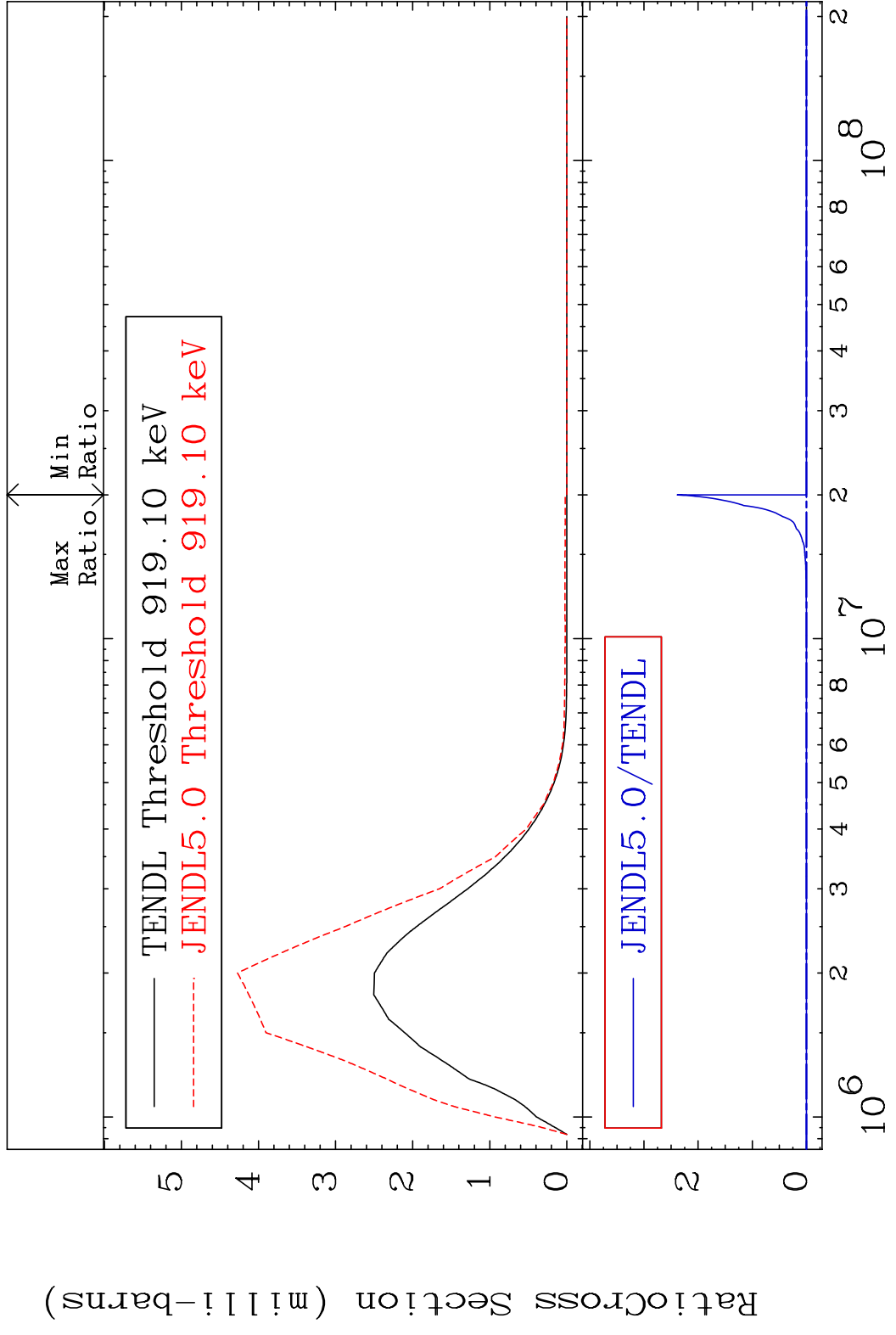
29 Incident Energy (eV) 48-Cd-115m

MAT 4853 MT= 71 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



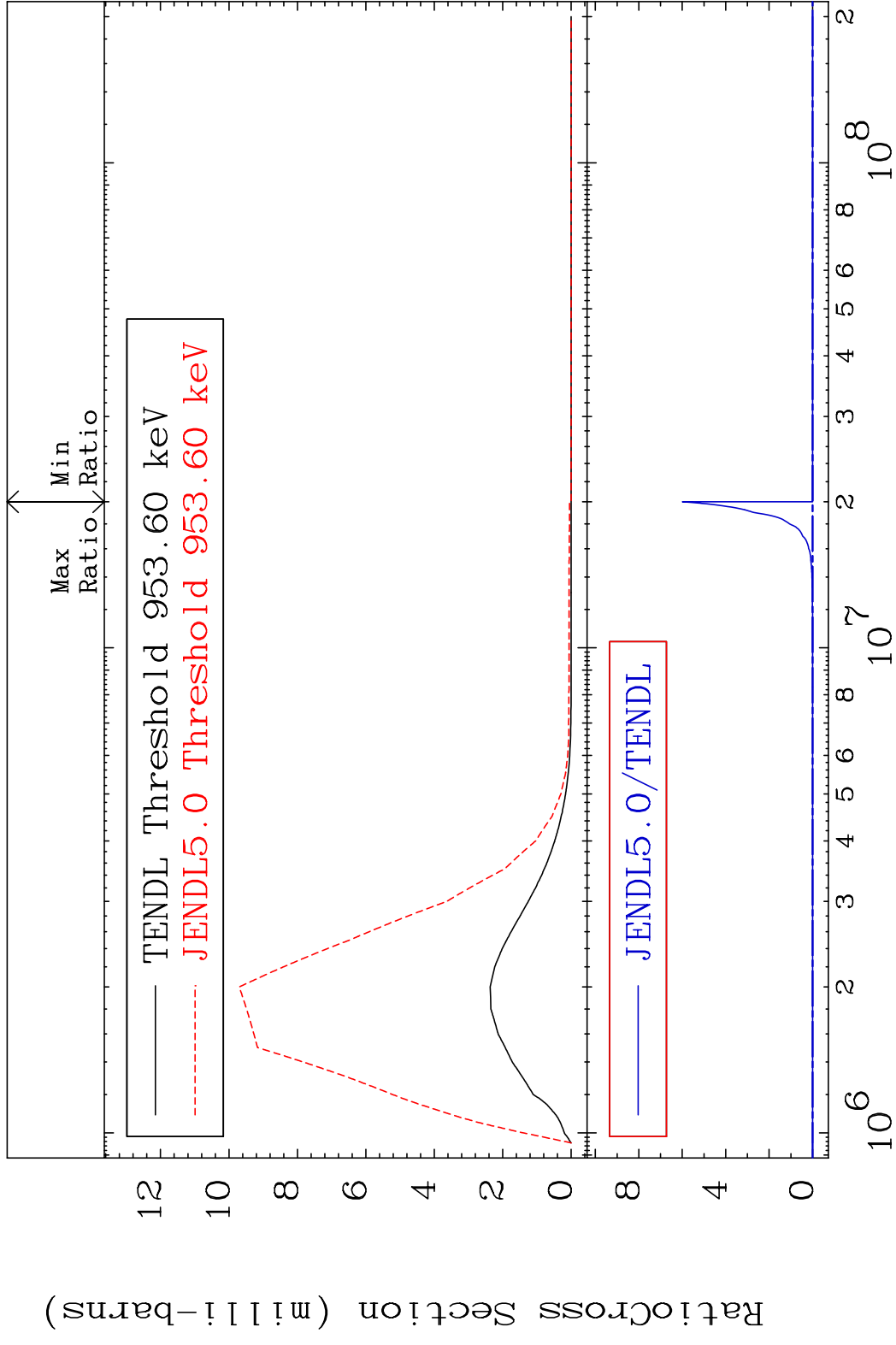
30 Incident Energy (eV) 48-Cd-115m

MAT 4853 MT= 72 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



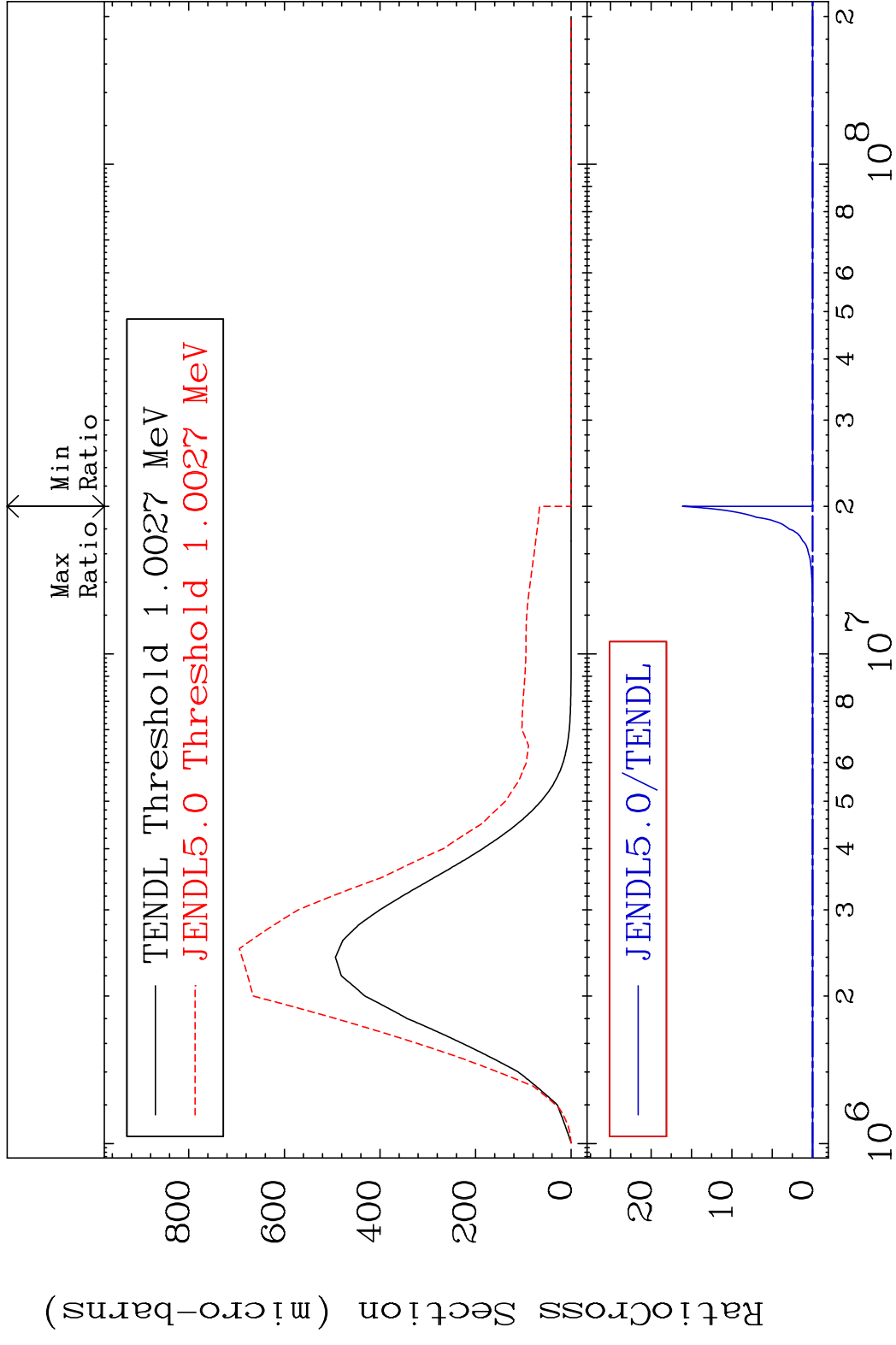
31 Incident Energy (eV) 48-Cd-115m

MAT 4853 MT= 73 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

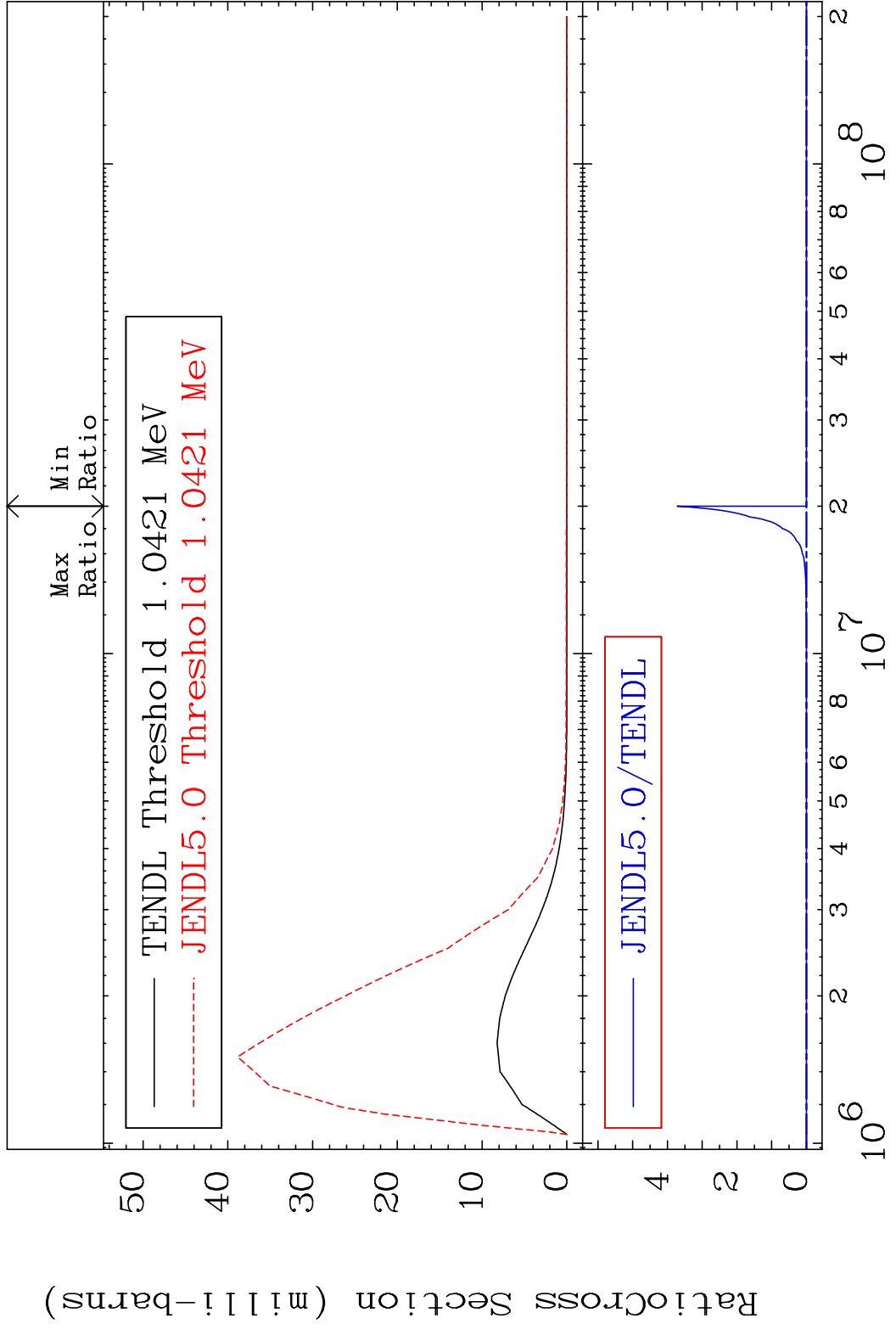


32 Incident Energy (eV) 48-Cd-115m

MAT 4853 MT= 74 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

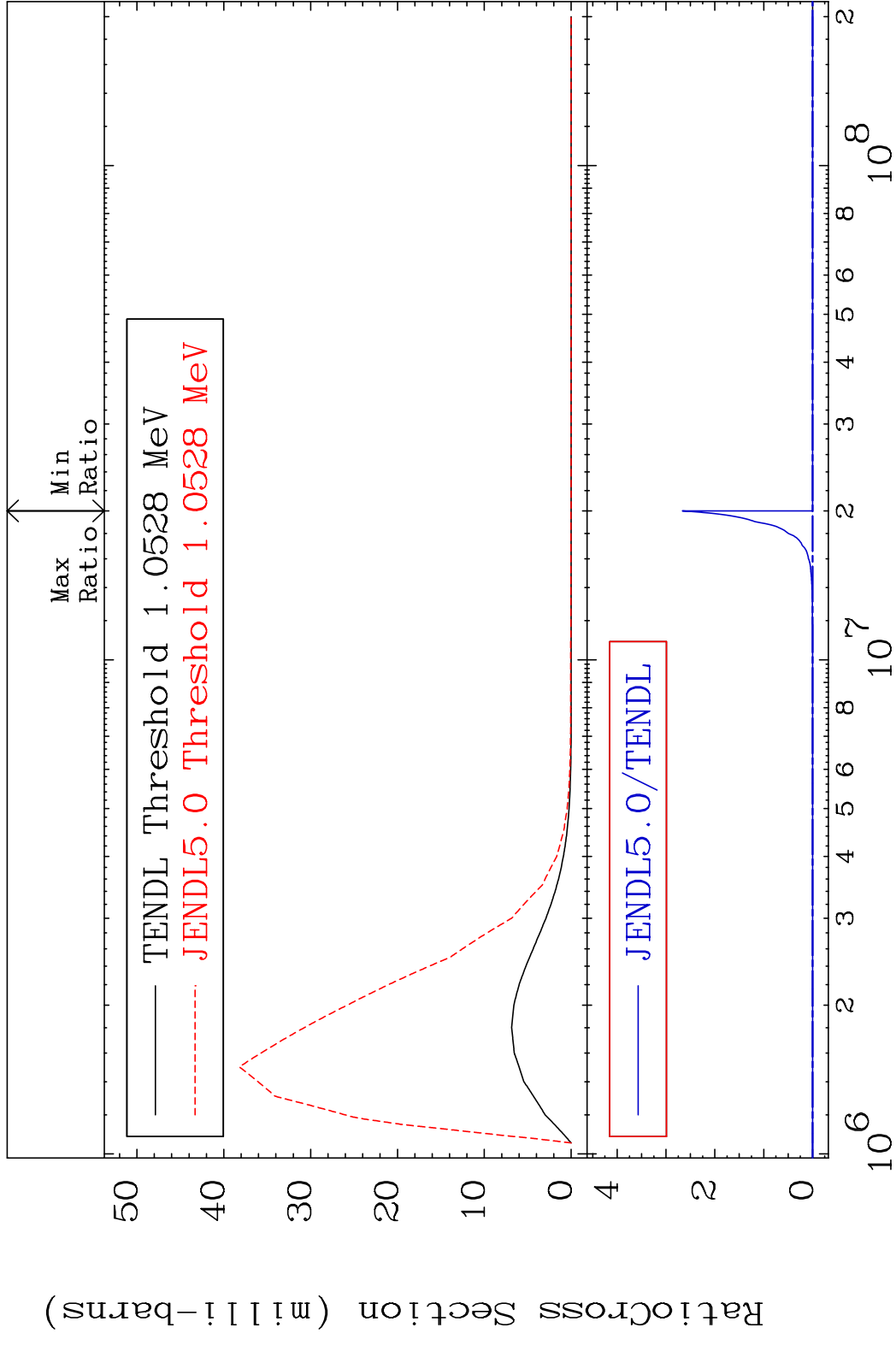


MAT 4853 MT= 75 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



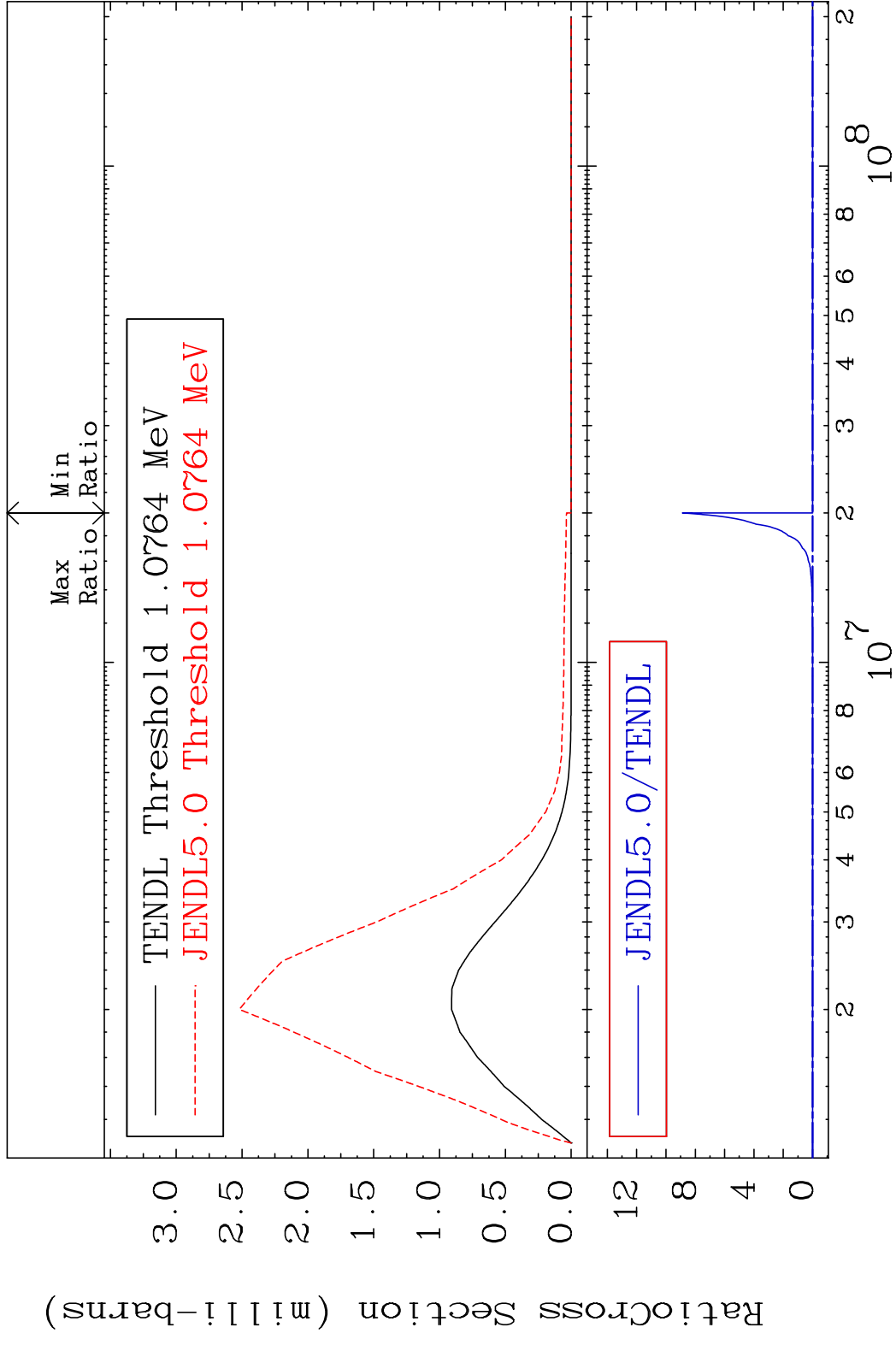
34 Incident Energy (eV) 48-Cd-115m

MAT 4853 MT= 76 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %

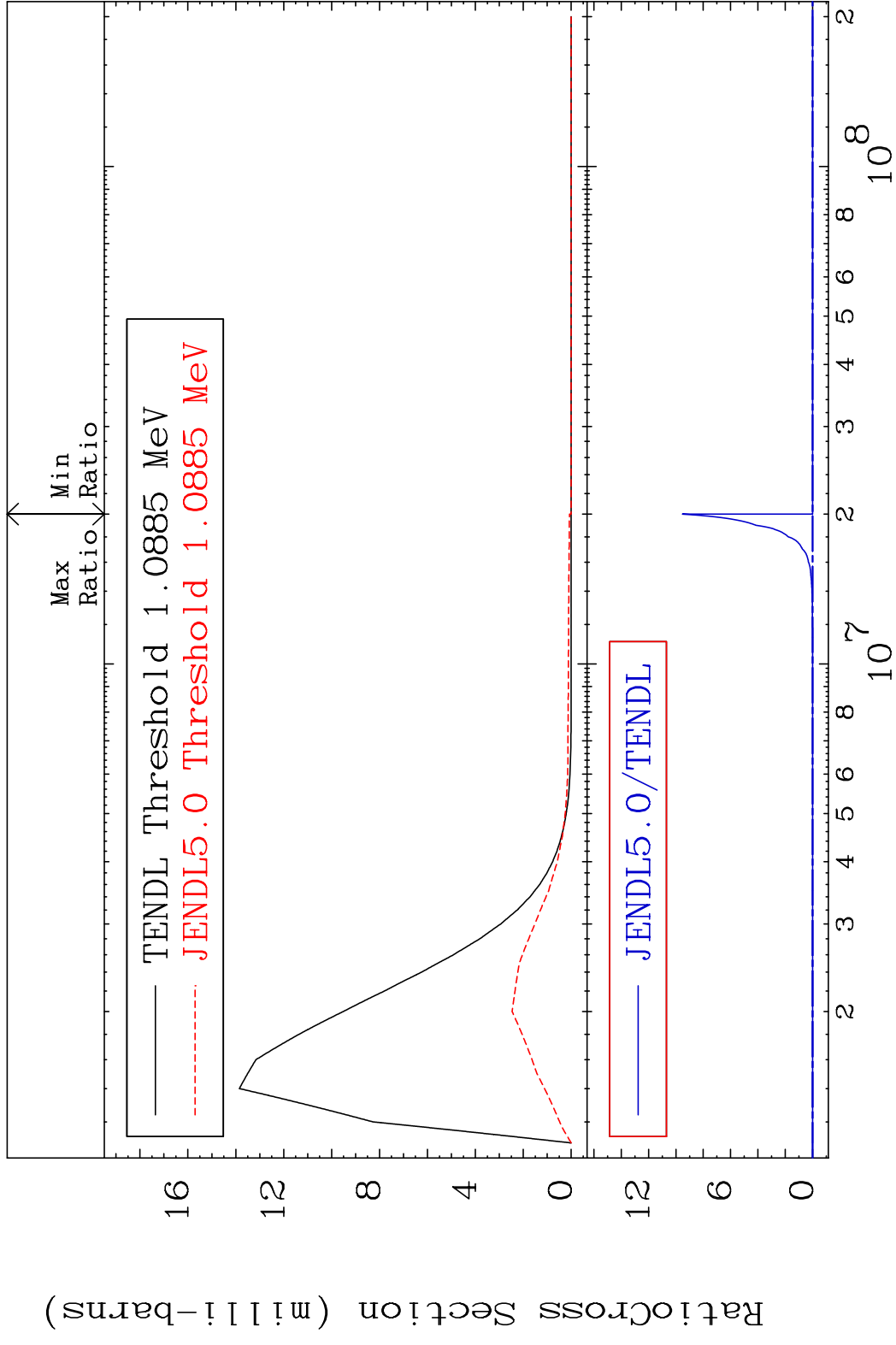


35 Incident Energy (eV) 48-Cd-115m

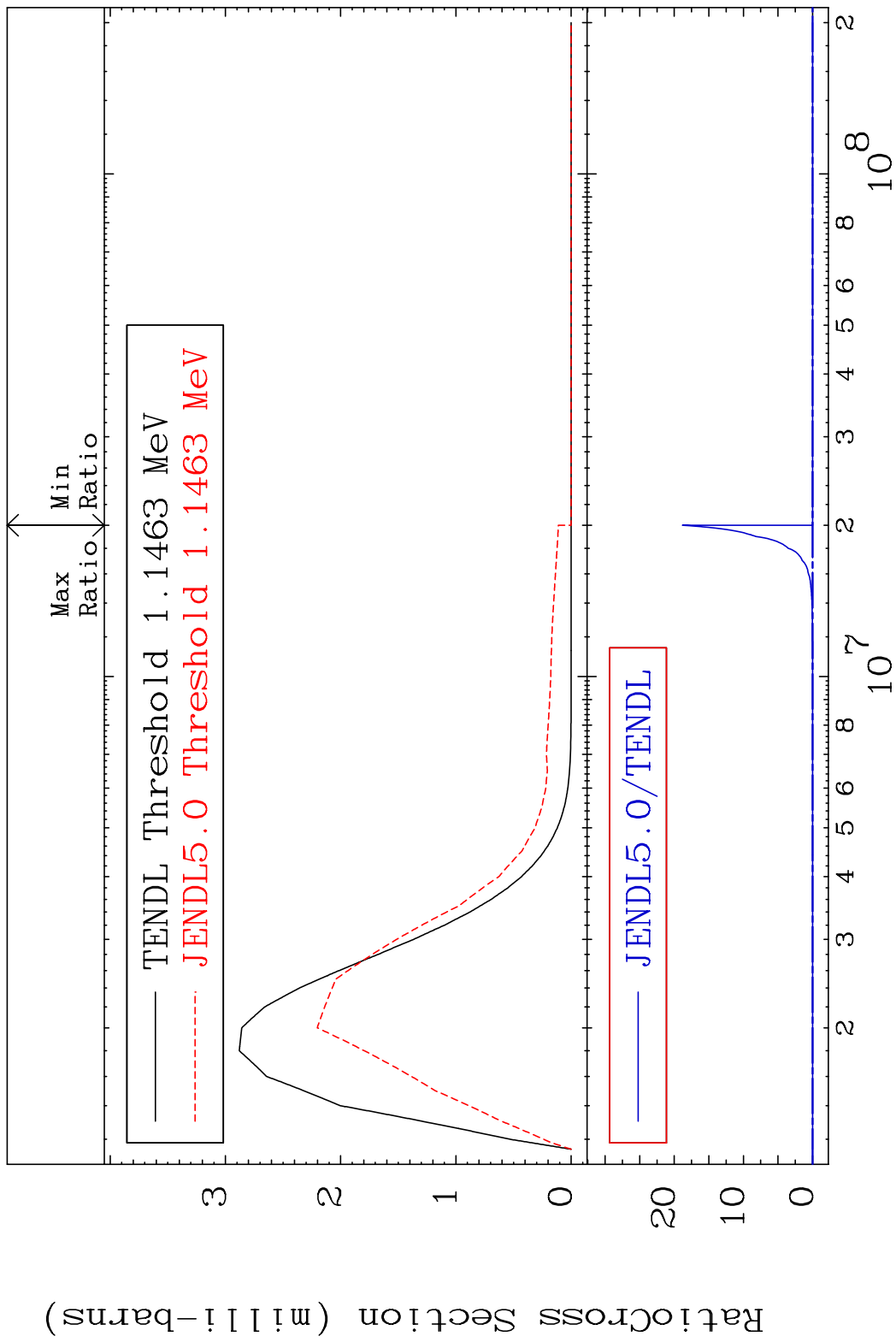
MAT 4853 MT= 77 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



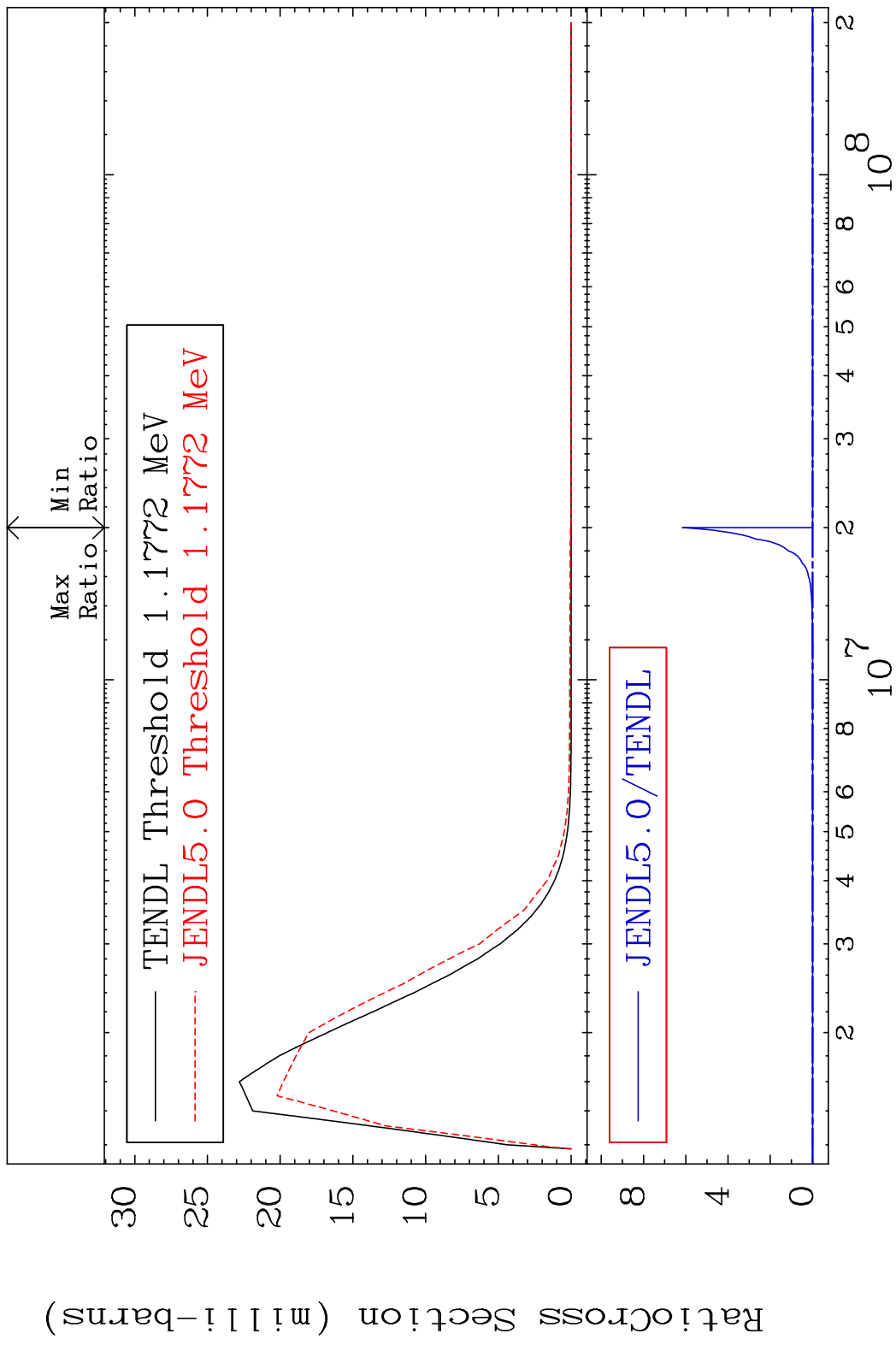
MAT 4853 MT= 78 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



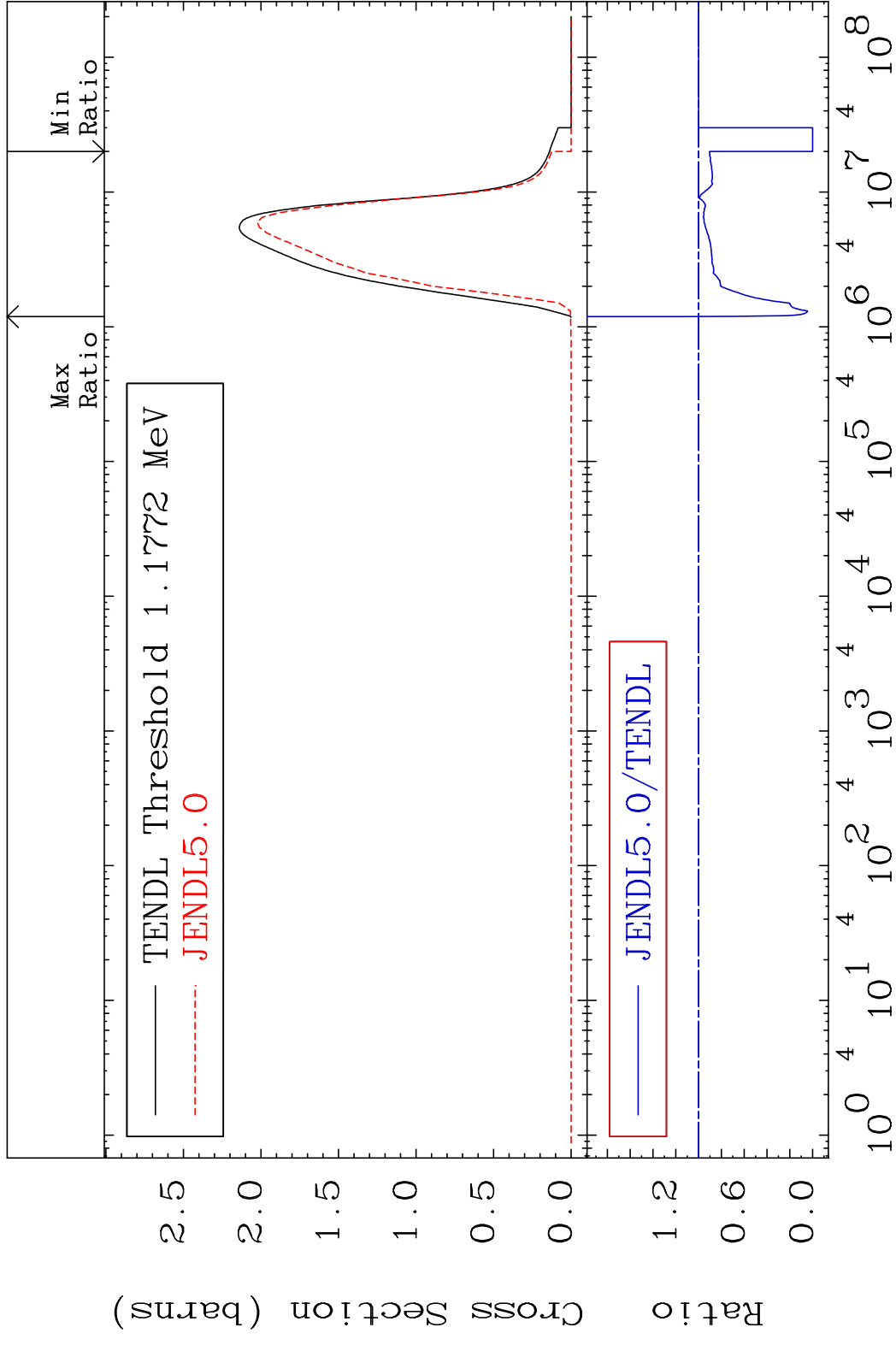
MAT 4853 MT= 79 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



MAT 4853 MT= 80 (n, n') Level 48-Cd-115m
 Cross Section -100.0 To 9999. %



MAT 4853 (n,n') Continuum 48-Cd-115m
 Cross Section -100.0 To 14.21 %

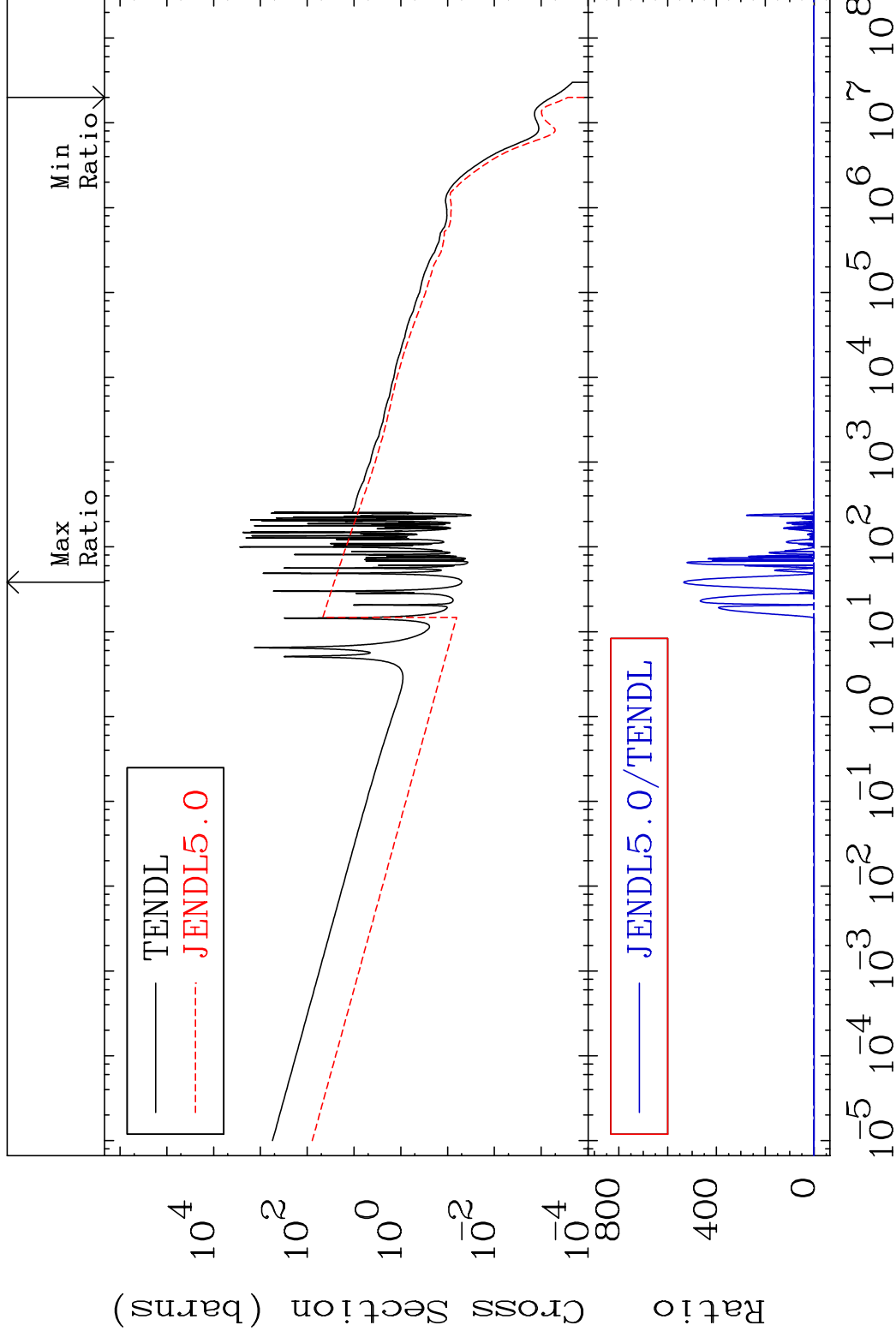


40 48-Cd-115m

MAT 4853

(n, γ)
Cross Section -100.0 To 9999. %

48-Cd-115m

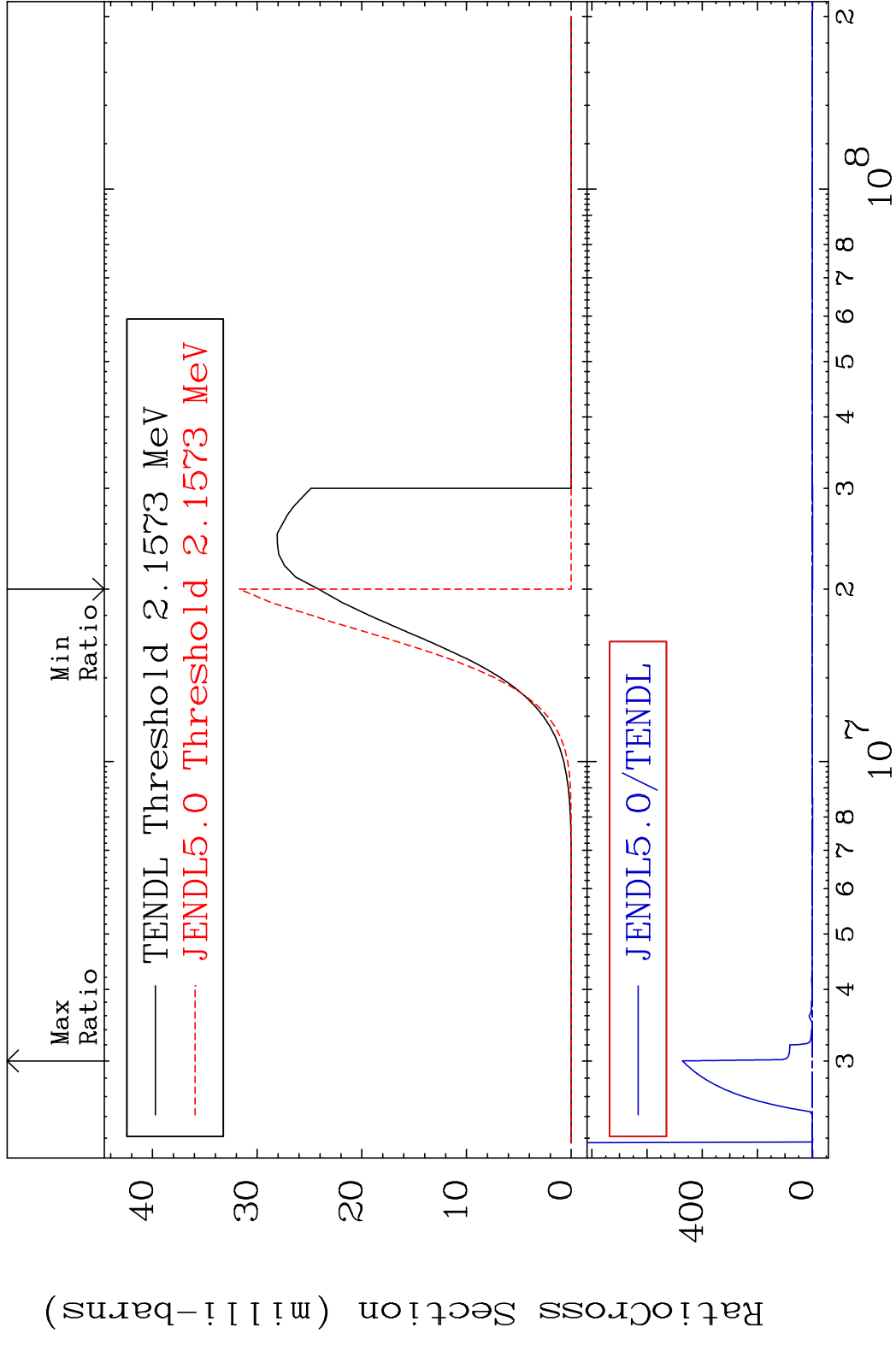


41

Incident Energy (eV)

48-Cd-115m

MAT 4853 (n, p) 48-Cd-115m
 Cross Section -100.0 To 9999. %



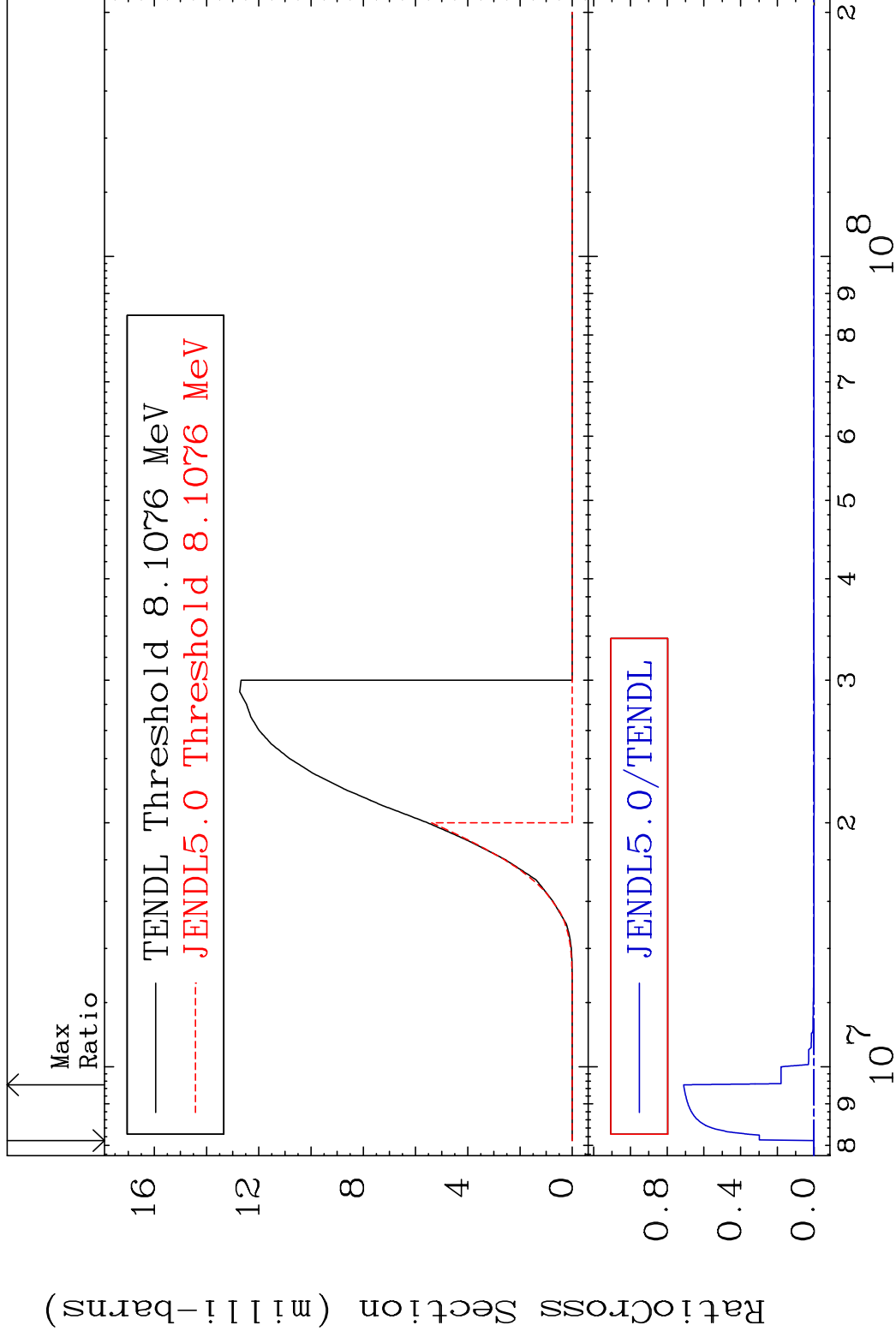
42 48-Cd-115m

MAT 4853

(n,d)

48-Cd-115m

Cross Section -100.0 To 9999. %

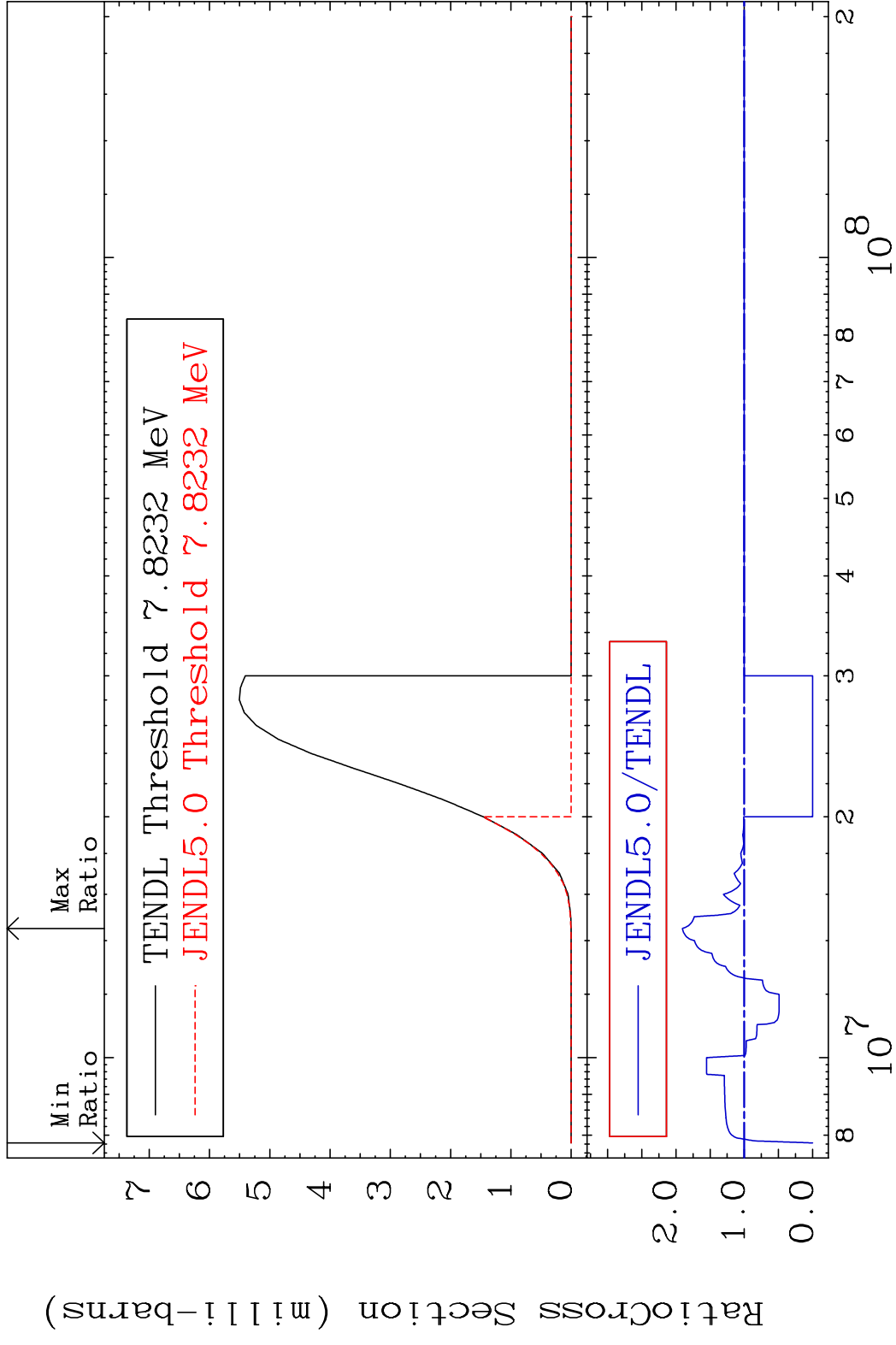


43

Incident Energy (eV)

48-Cd-115m

MAT 4853 (n, t) 48-Cd-115m
 Cross Section -100.0 To 90.62 %

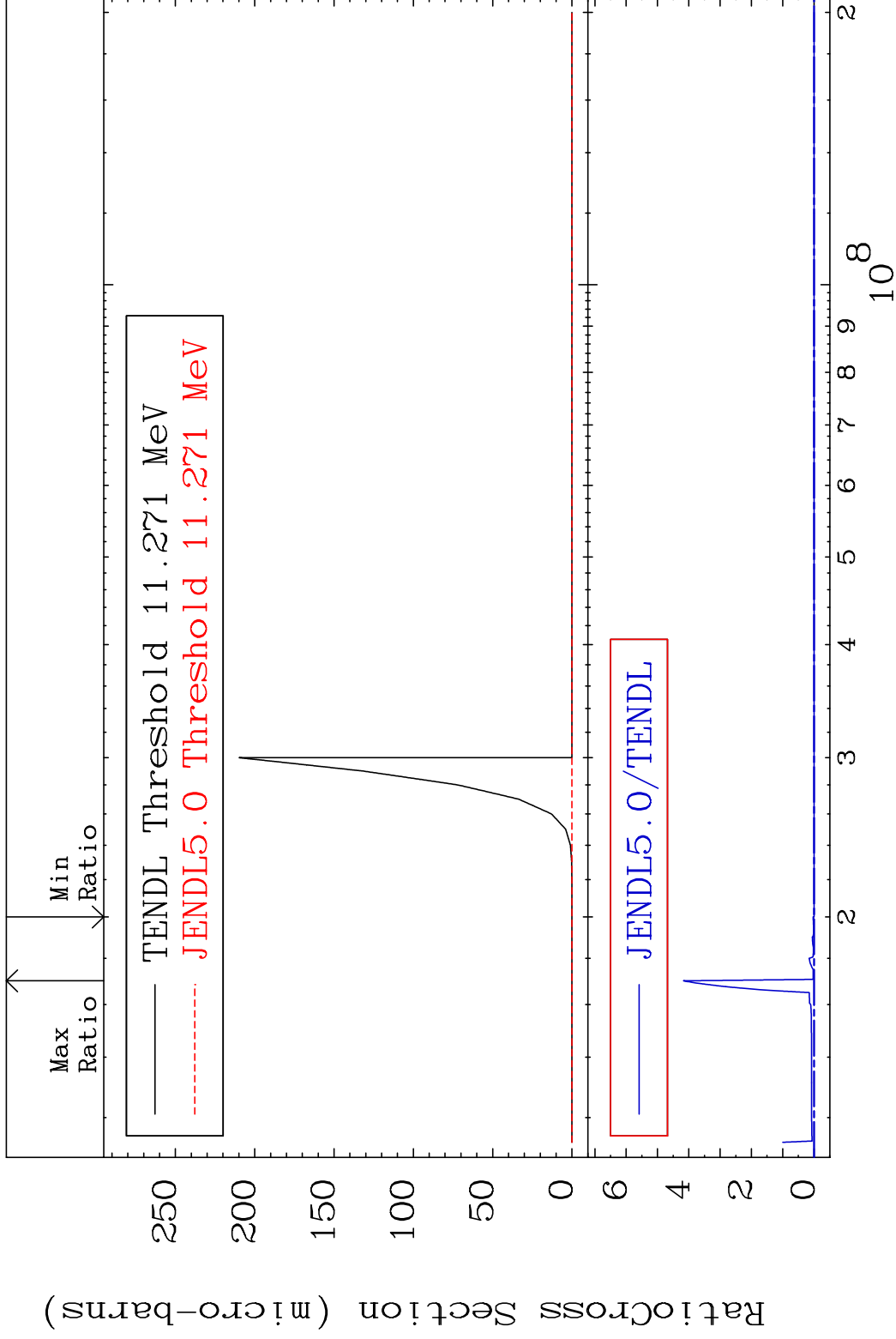


MAT 4853

(n, He-3)

48-Cd-115m

Cross Section -100.0 To 9999. %

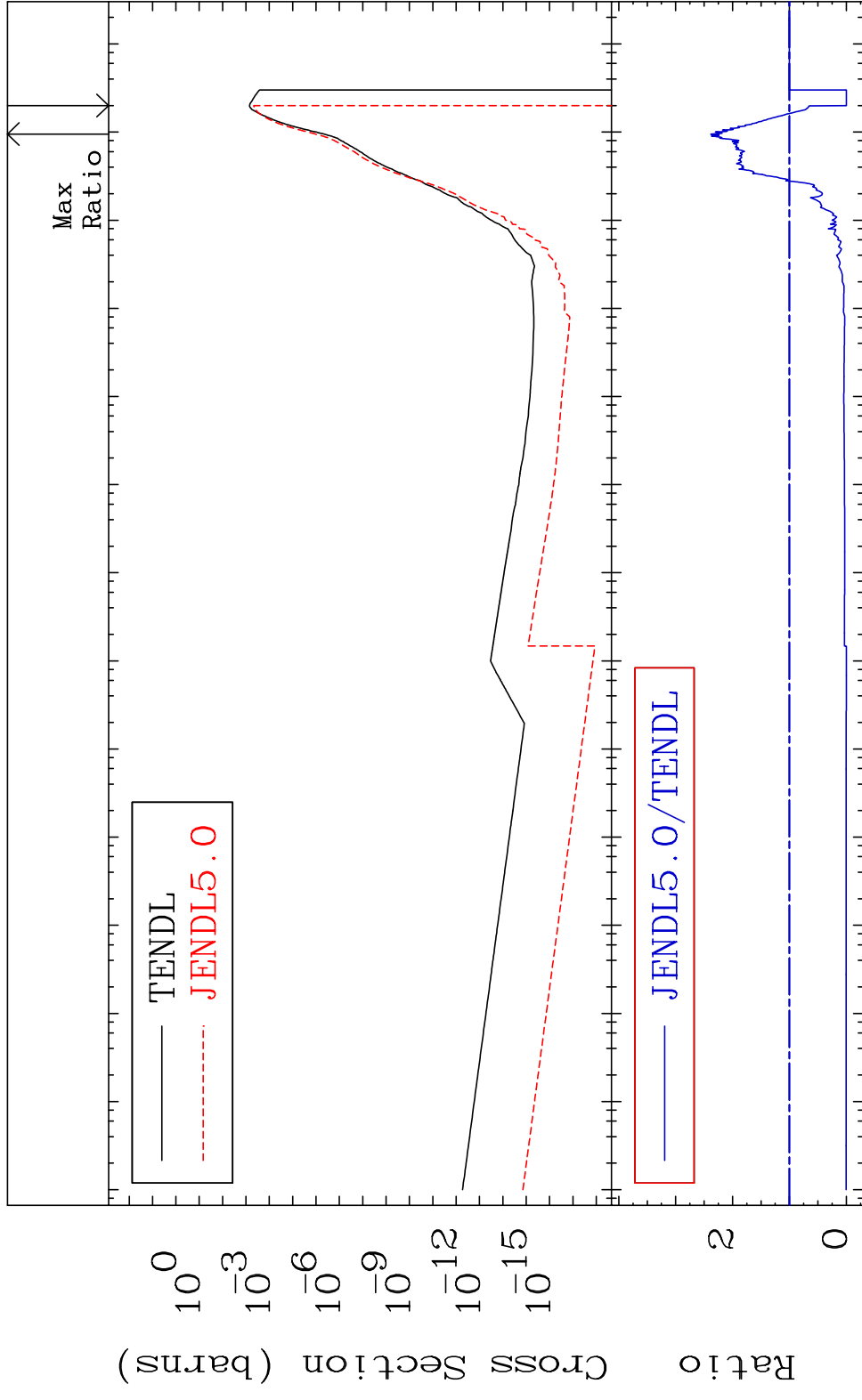


45

Incident Energy (eV)

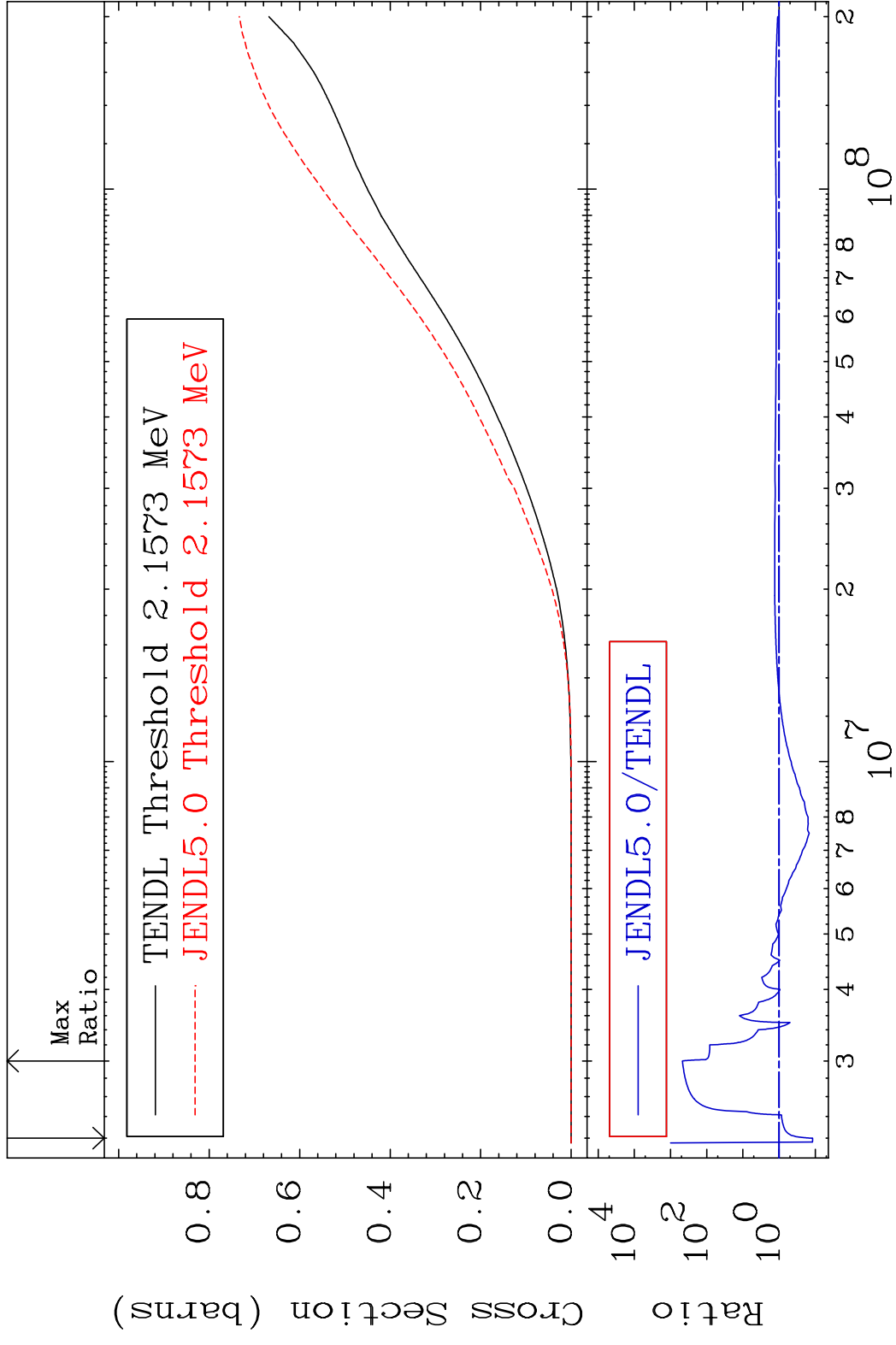
48-Cd-115m

MAT 4853 (n, α) 48-Cd-115m
 Cross Section -100.0 To 138.4 %



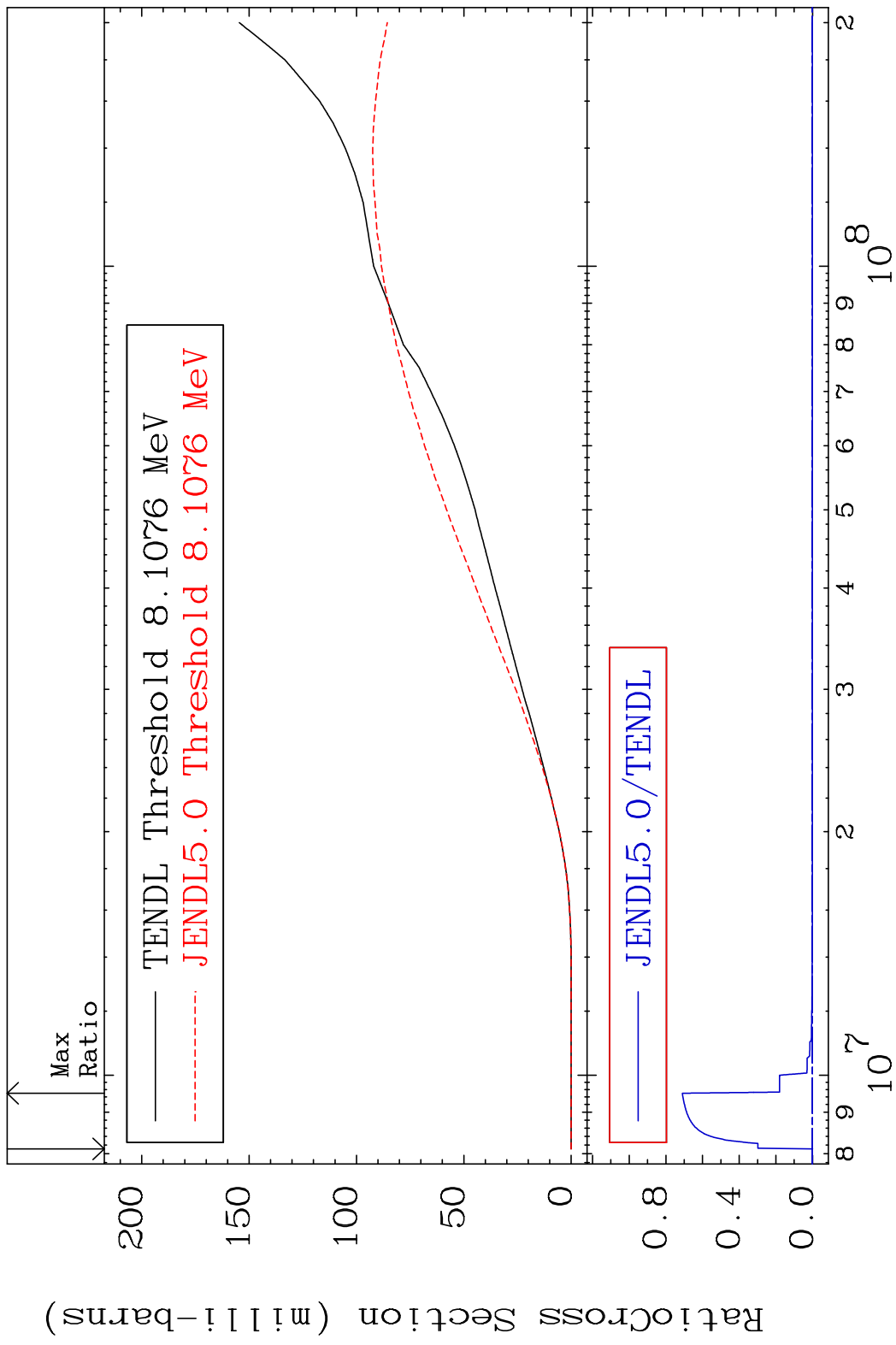
46 Incident Energy (eV) 48-Cd-115m

MAT 4853 Hydrogen Production 48-Cd-115m
 Cross Section -88.10 To 9999. %



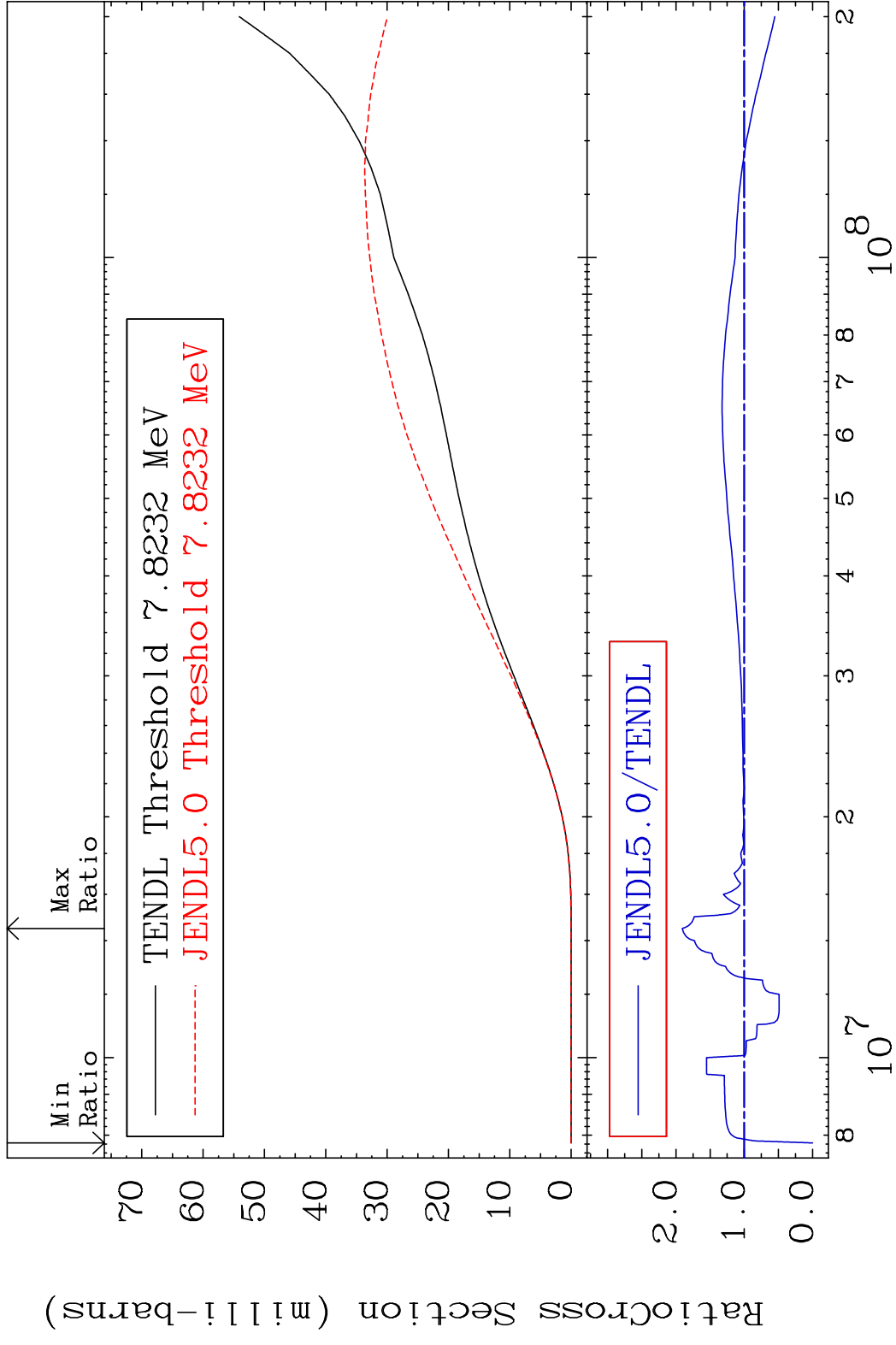
47 Incident Energy (eV) 48-Cd-115m

MAT 4853 Deuterium Production 48-Cd-115m
 Cross Section -100.0 To 9999. %



48 Incident Energy (eV) 48-Cd-115m

MAT 4853 Tritium Production 48-Cd-115m
 Cross Section -100.0 To 90.62 %



49 48-Cd-115m

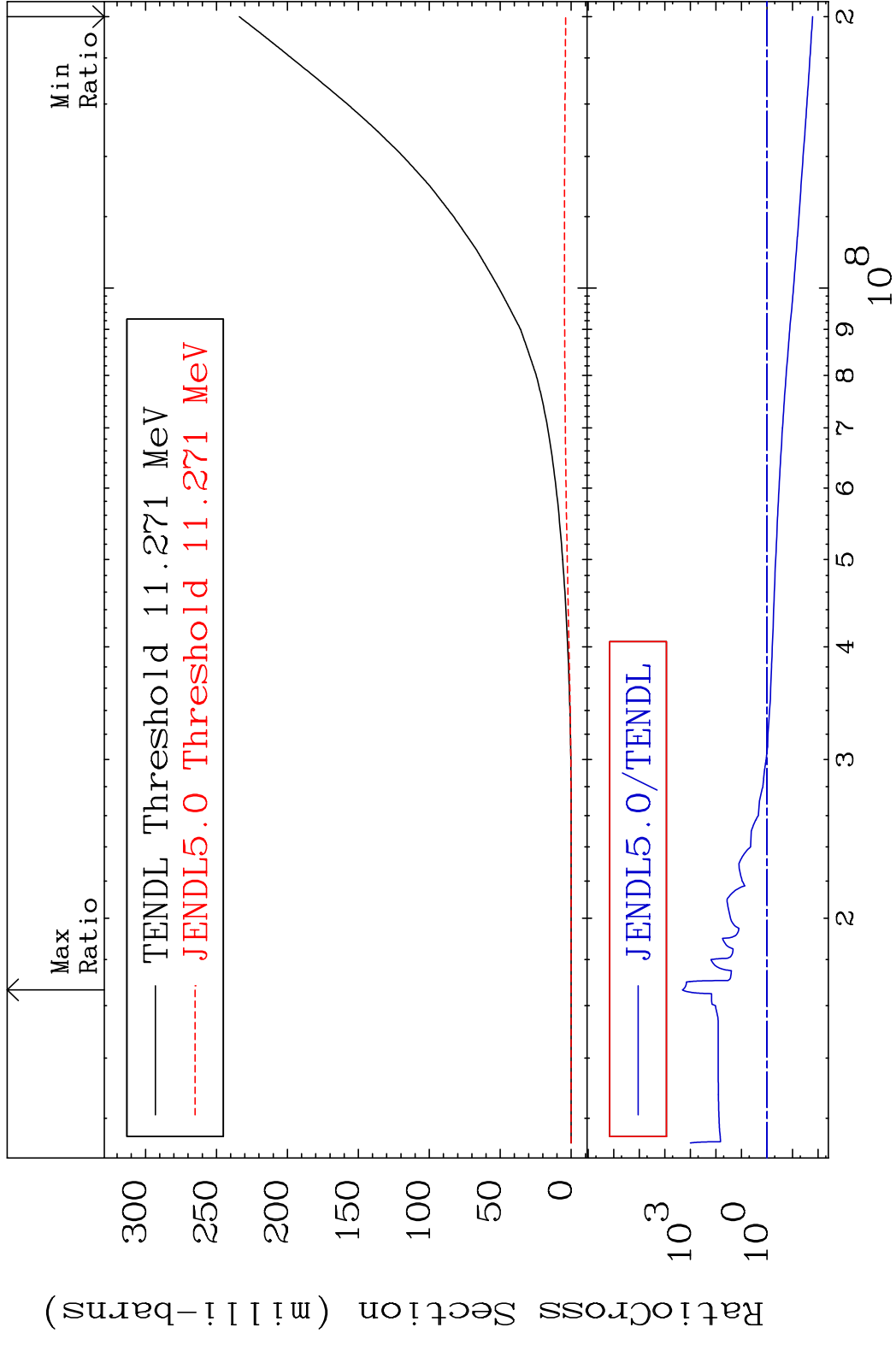
MAT 4853

He-3 Production

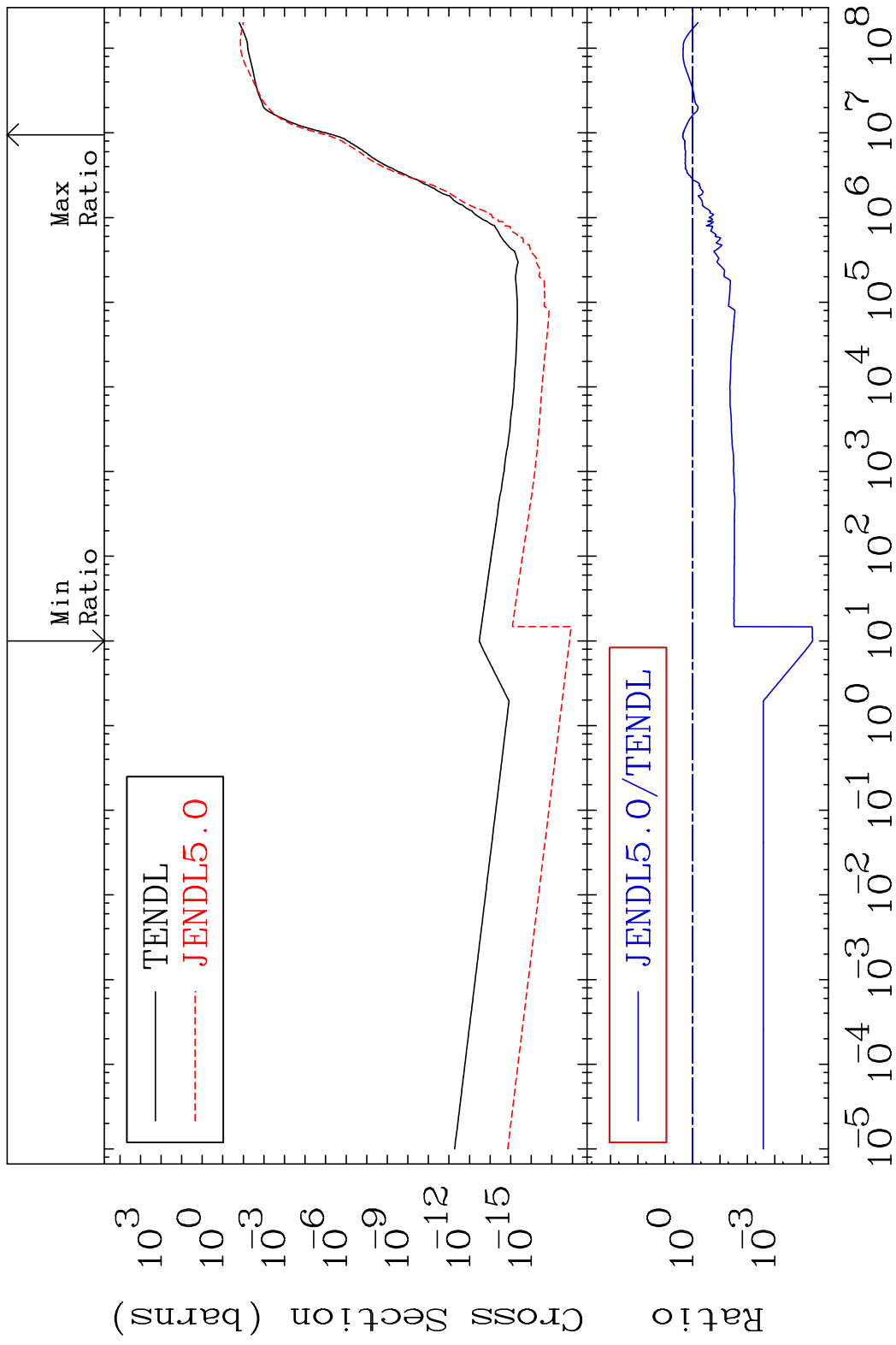
48-Cd-115m

Cross Section

-98.35 To 9999. %

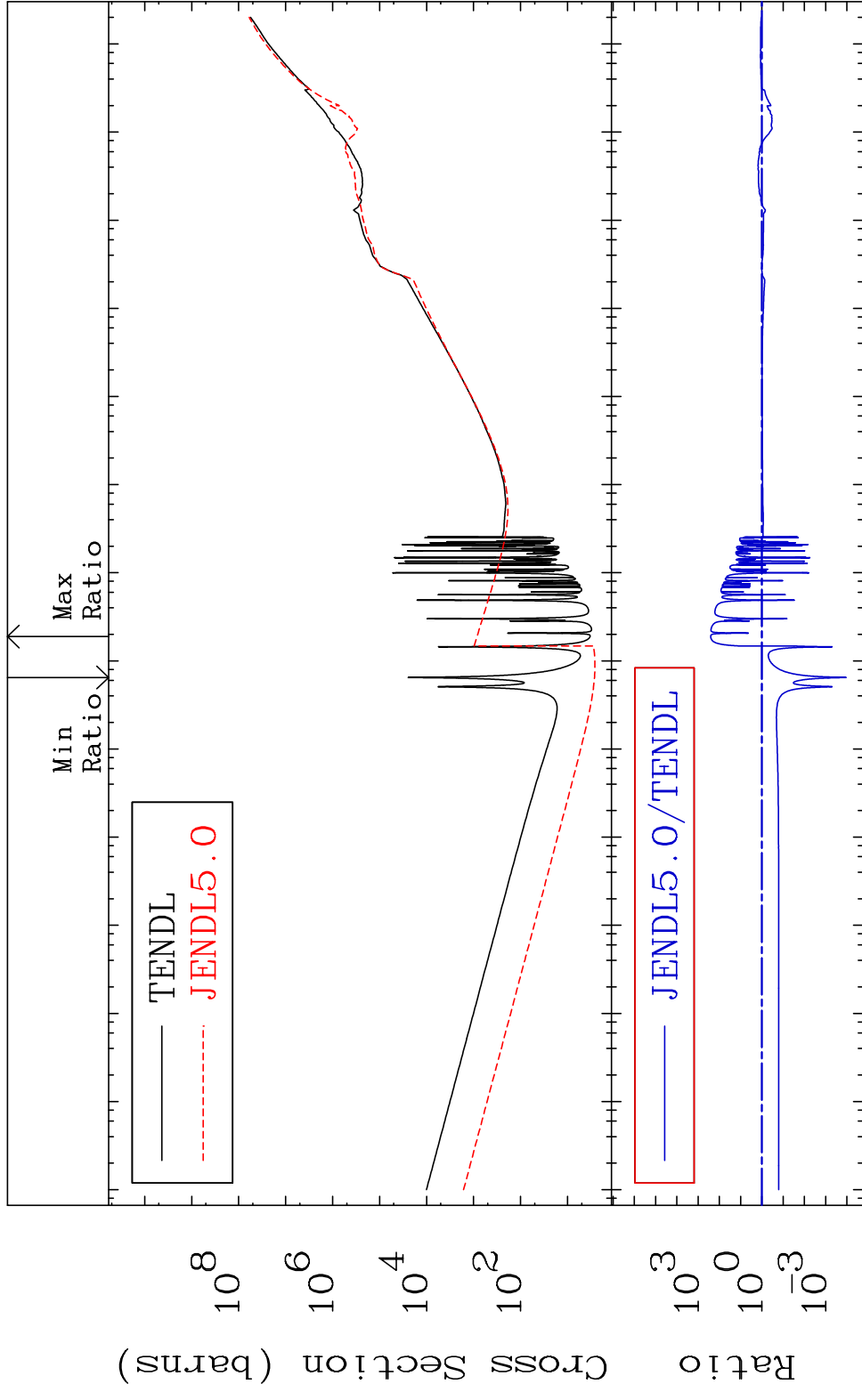


MAT 4853 He-4 Production 48-Cd-115m
 Cross Section -100.0 To 138.4 %



51 Incident Energy (eV) 48-Cd-115m

MAT 4853 Kerma total (eV-barns) 48-Cd-115m
 Cross Section -99.99 To 9999. %

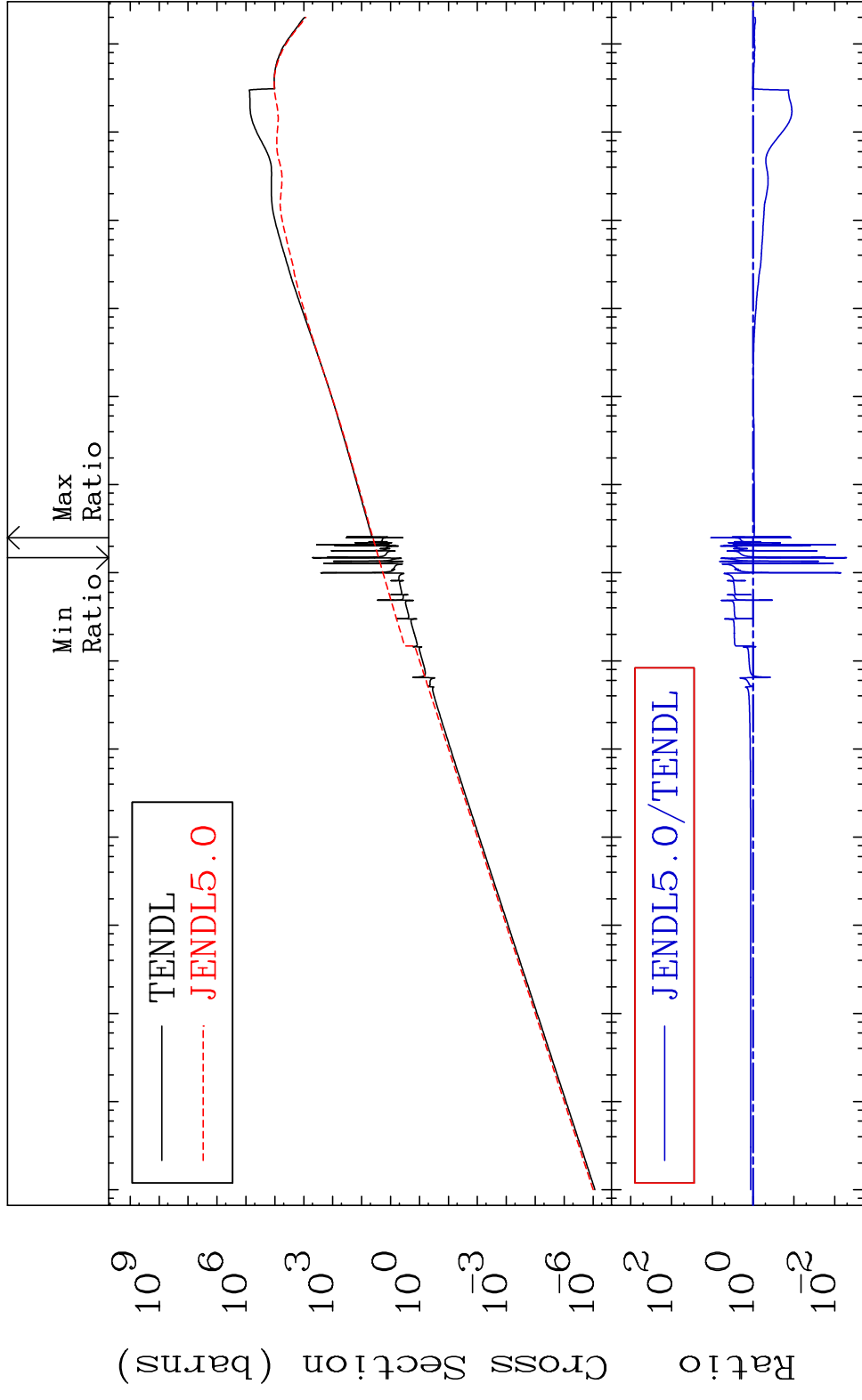


52 Incident Energy (eV) 48-Cd-115m

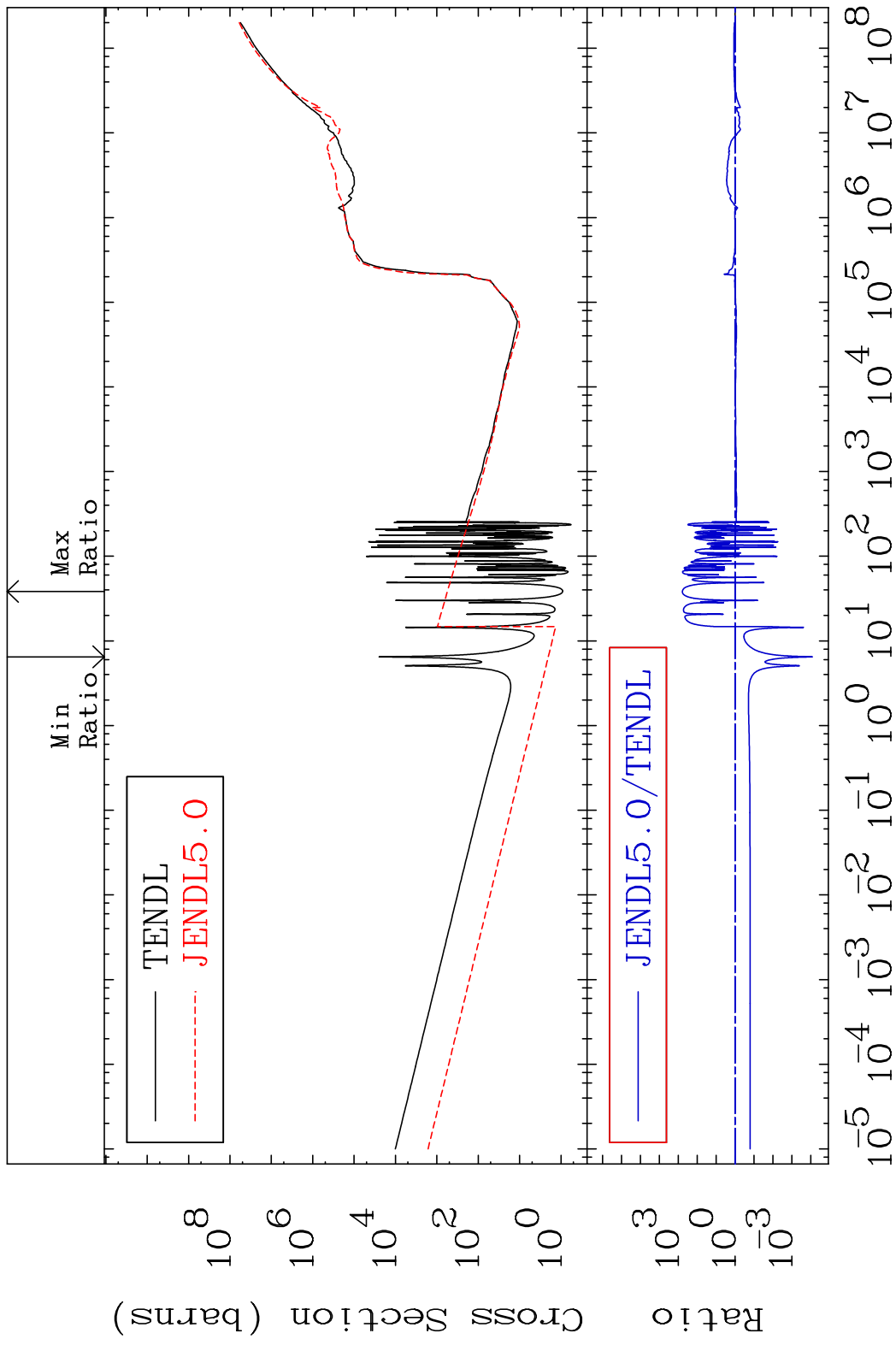
MAT 4853

Kerma elastic
Cross Section

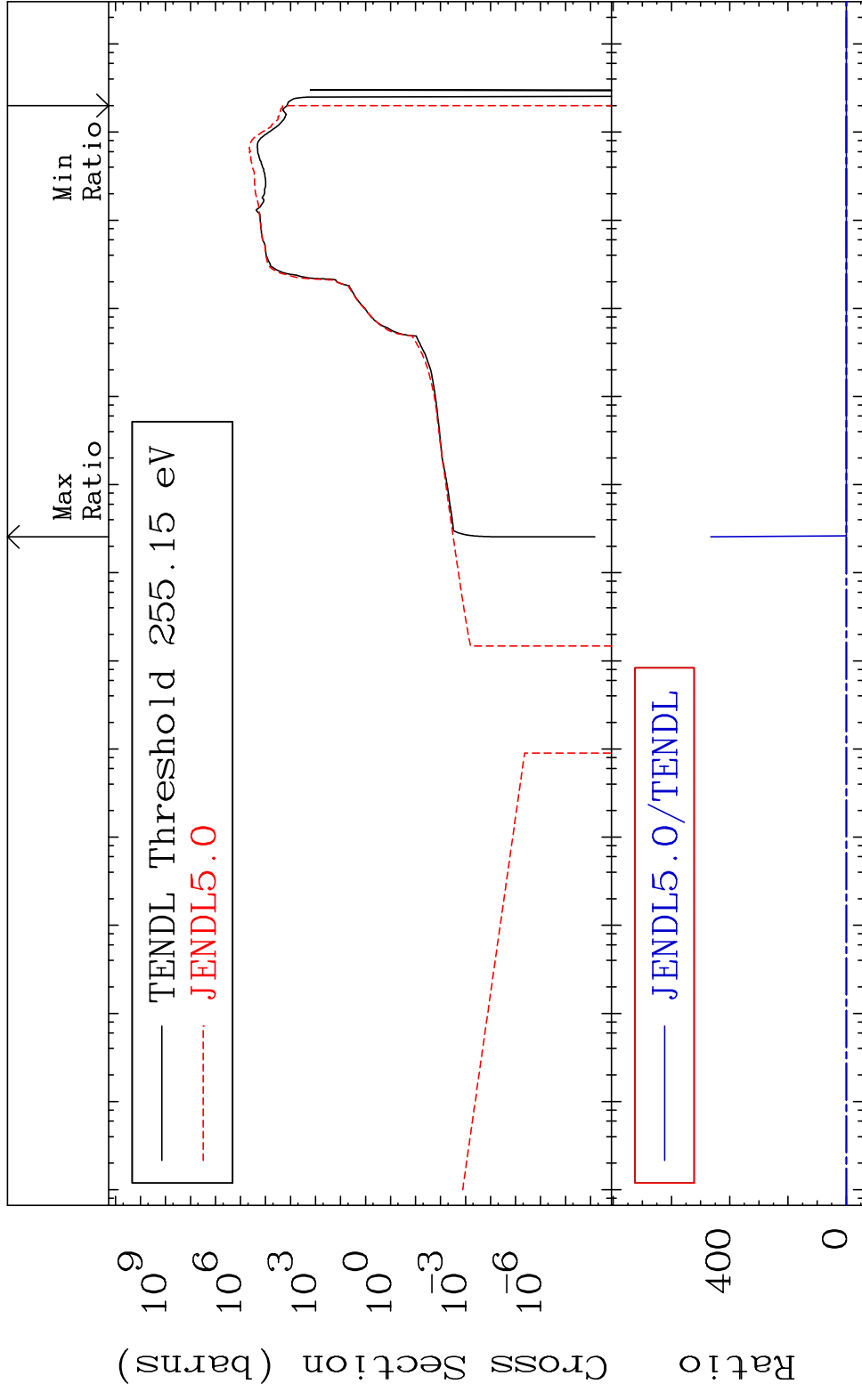
48-Cd-115m
-99.48 To 995.5 %



MAT 4853 Kerma non-elastic (all but mt2) 48-Cd-115m
 Cross Section -99.99 To 9999. %

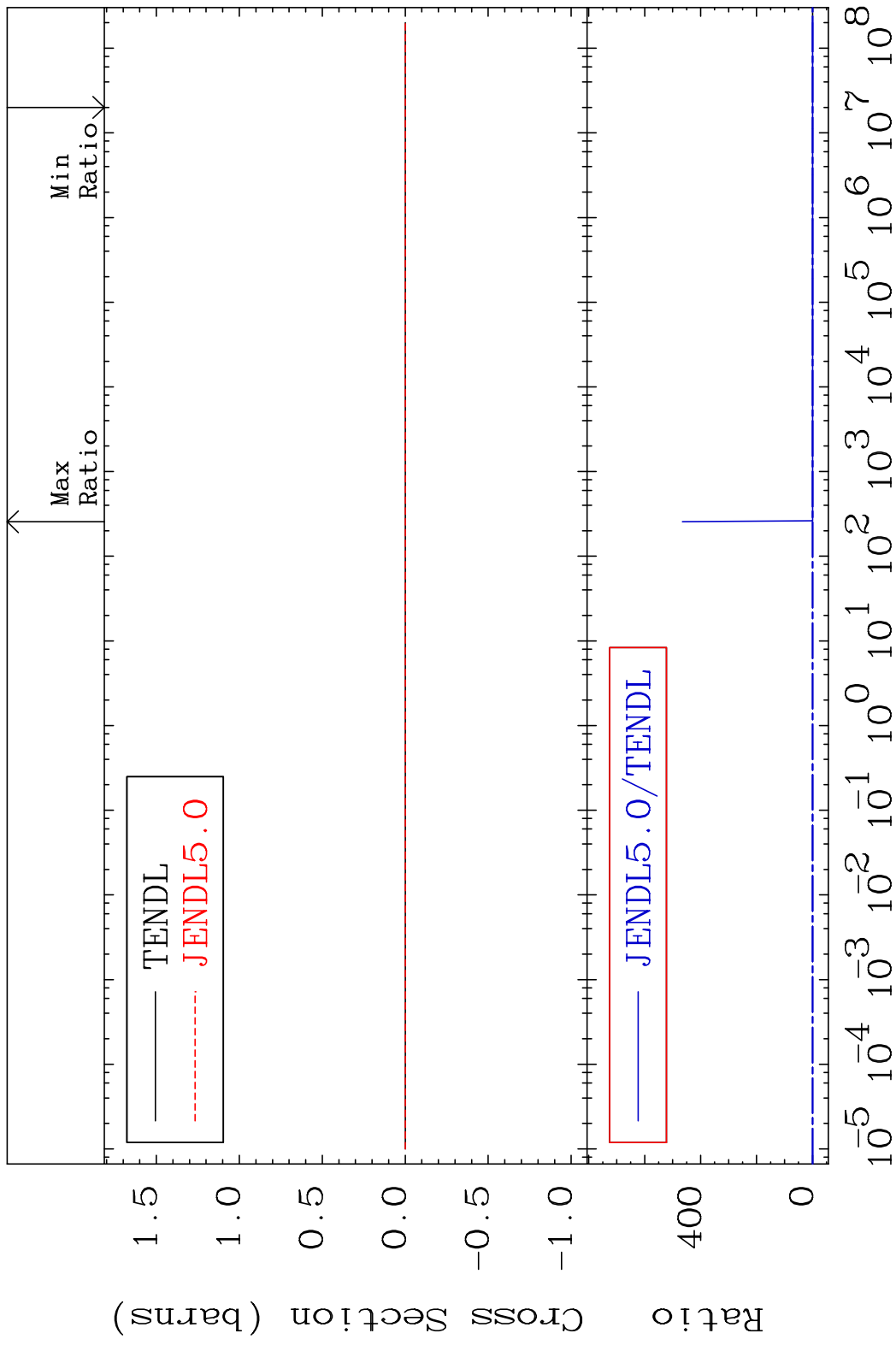


MAT 4853 Kerma inelastic (mt51-91) 48-Cd-115m
 Cross Section -100.0 To 9999. %

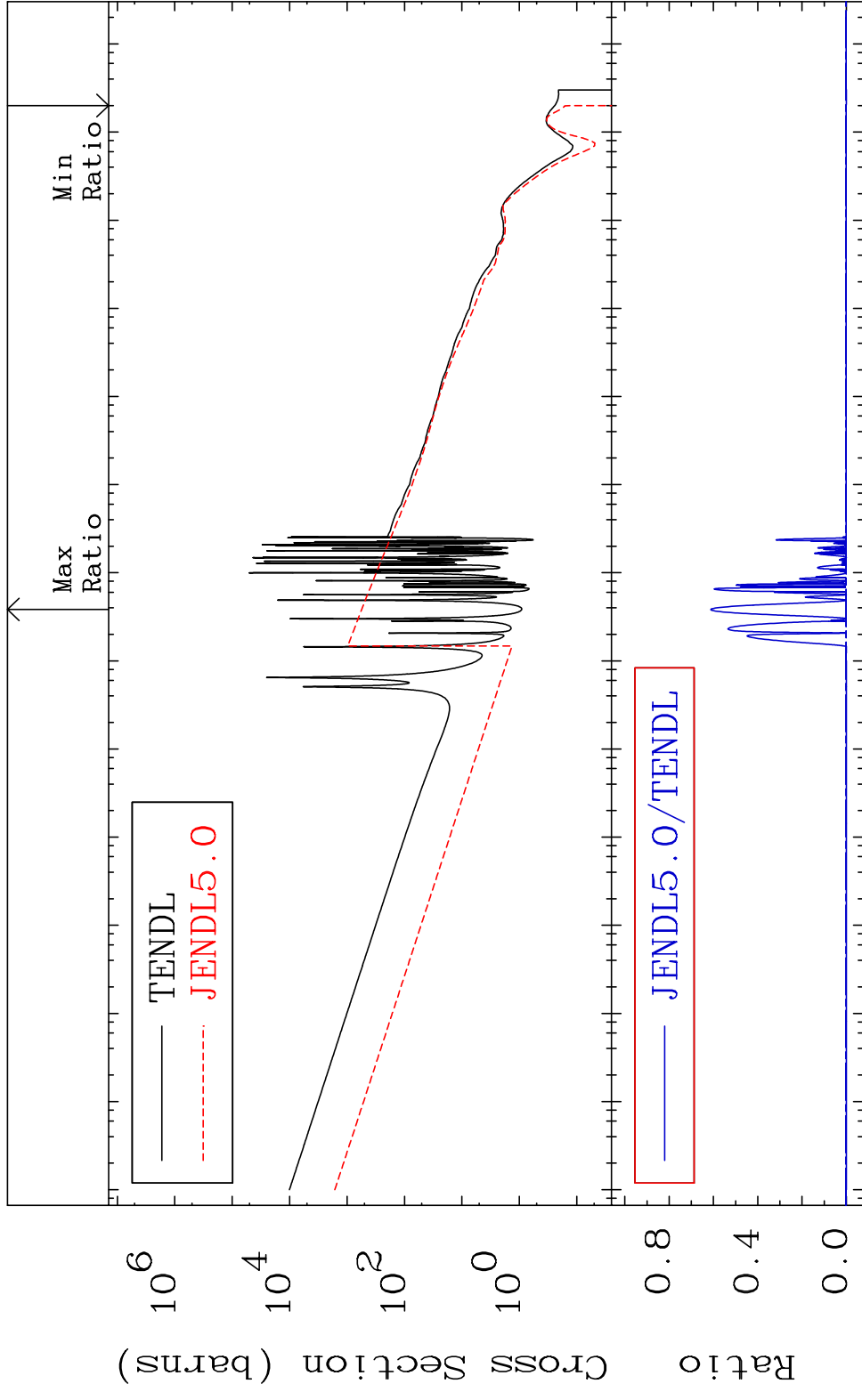


55 Incident Energy (eV) 48-Cd-115m

MAT 4853 Kerma fission (mt18 or mt19-20-21-38) Cd-115m
 Cross Section -100.0 To 9999. %

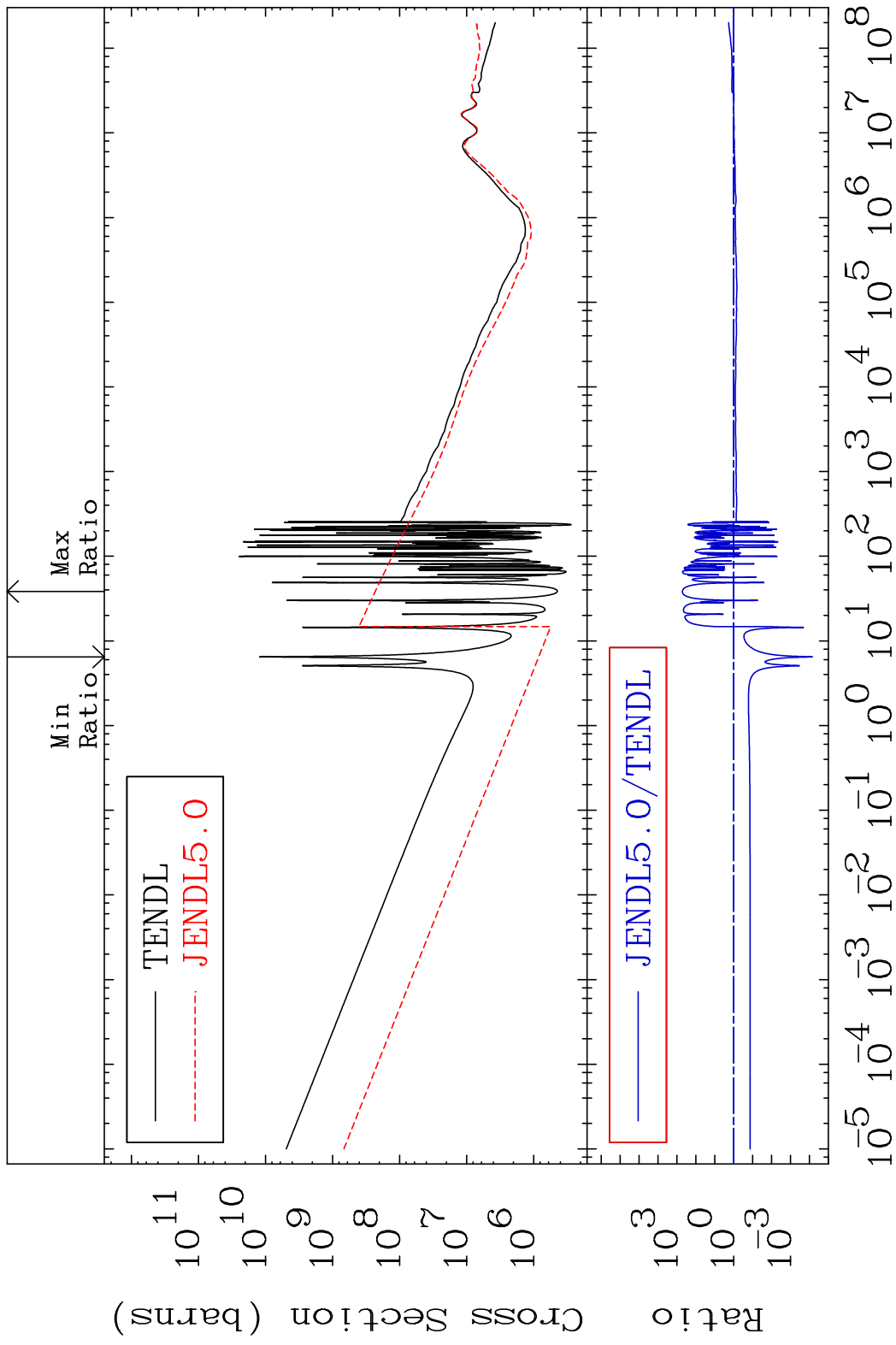


MAT 4853 Kerma capture (mt102) 48-Cd-115m
 Cross Section -100.0 To 9999. %



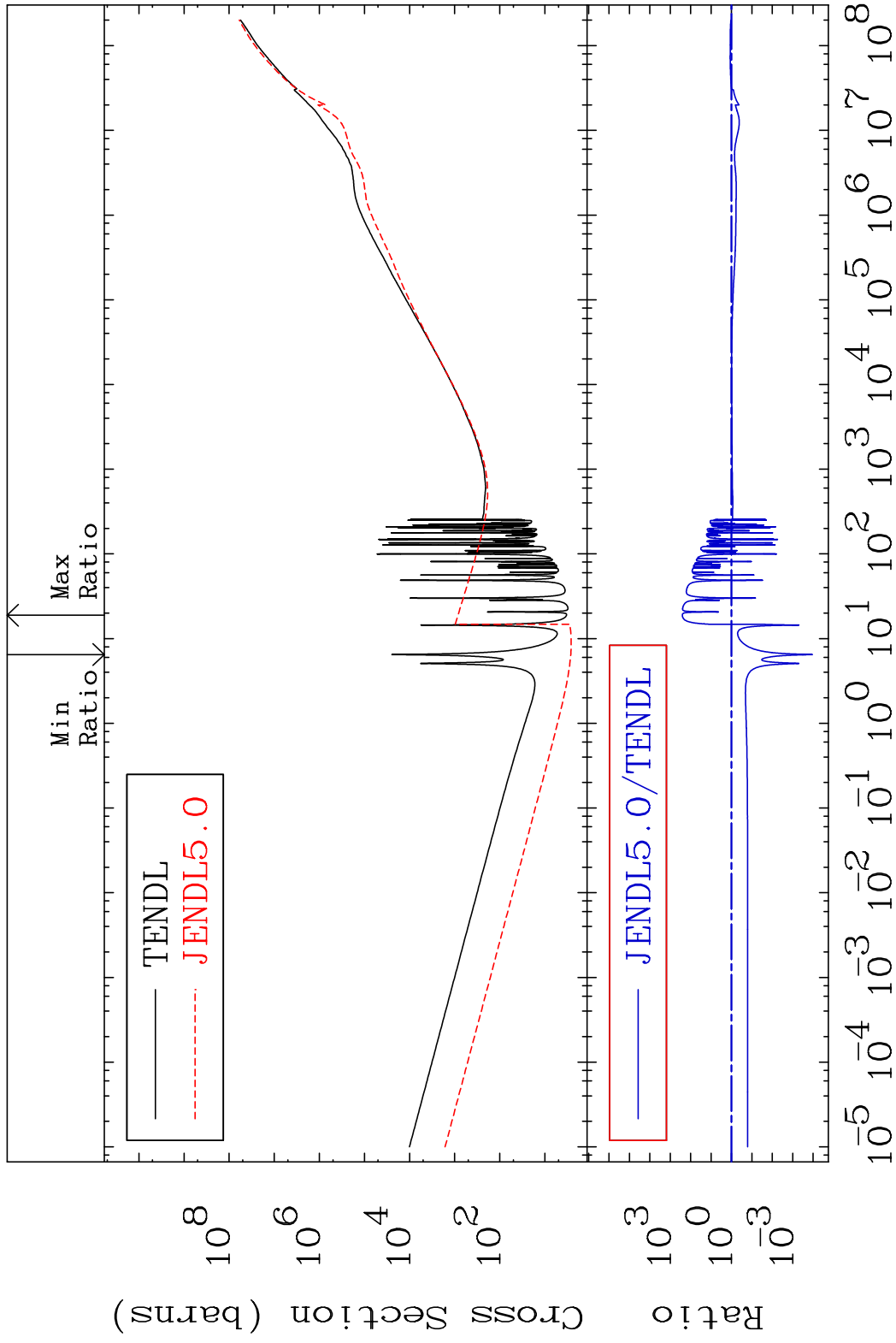
57 Incident Energy (eV) 48-Cd-115m

MAT 4853 Total photon (eV-barns) 48-Cd-115m
 Cross Section -99.99 To 9999. %

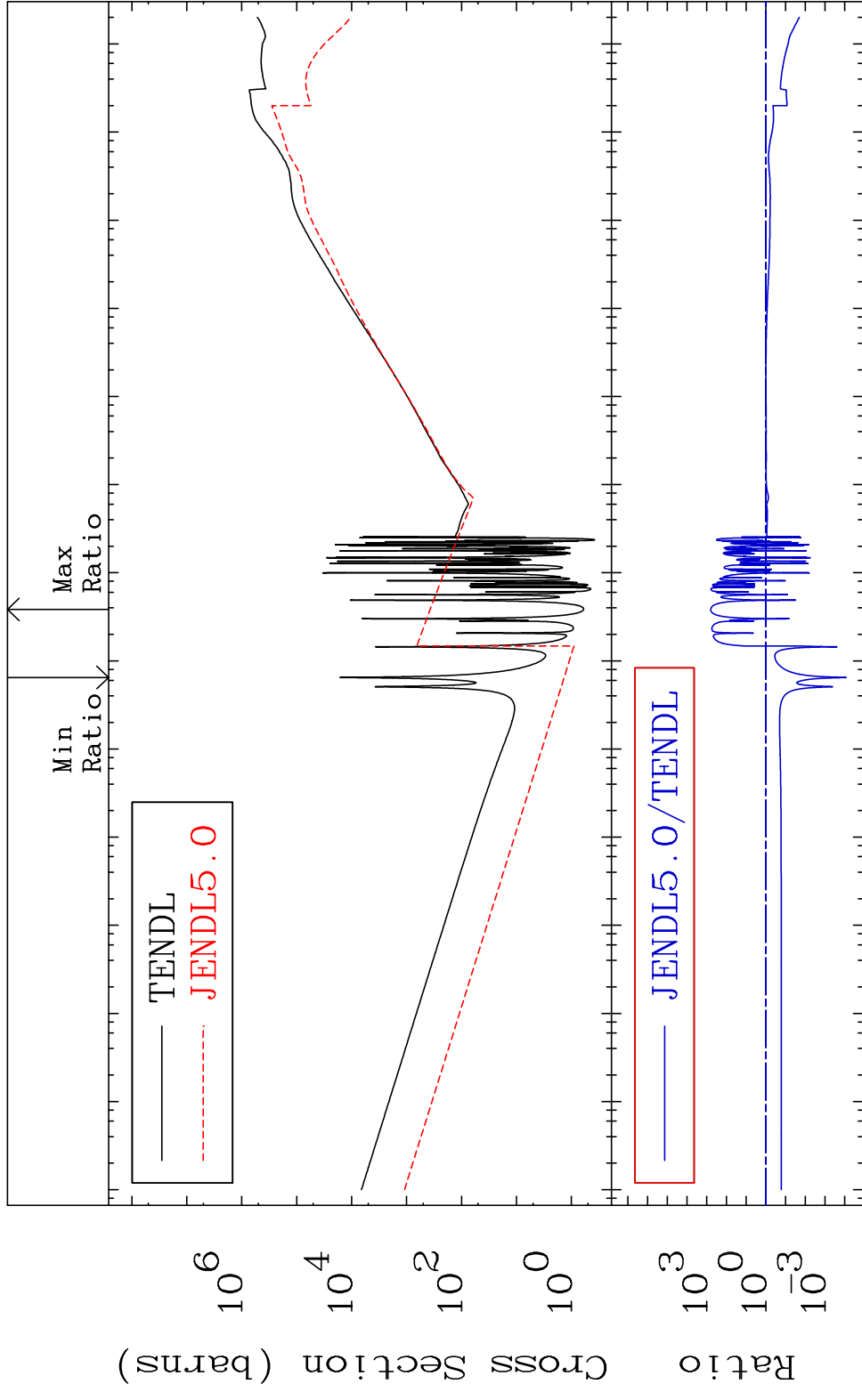


58 Incident Energy (eV) 48-Cd-115m

MAT 4853 Total kinematic kerma (high limit)48-Cd-115m
 Cross Section -99.99 To 9999. %



MAT 4853 Dpa total (eV-barns) 48-Cd-115m
 Cross Section -99.99 To 9999. %



60 Incident Energy (eV) 48-Cd-115m

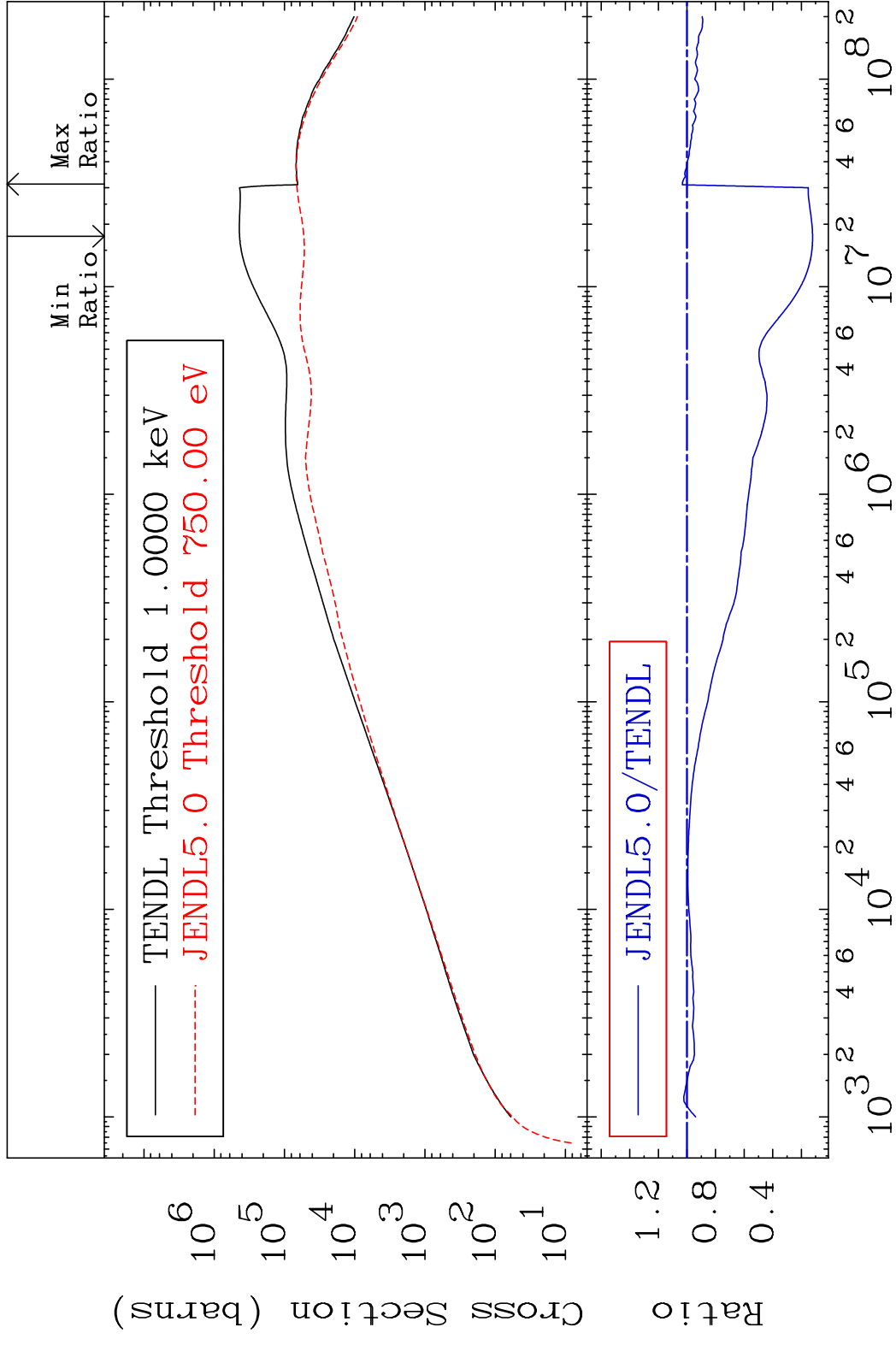
MAT 4853

Dpa elastic (mt2)

48-Cd-115m

Cross Section

-87.83 To 3.226 %

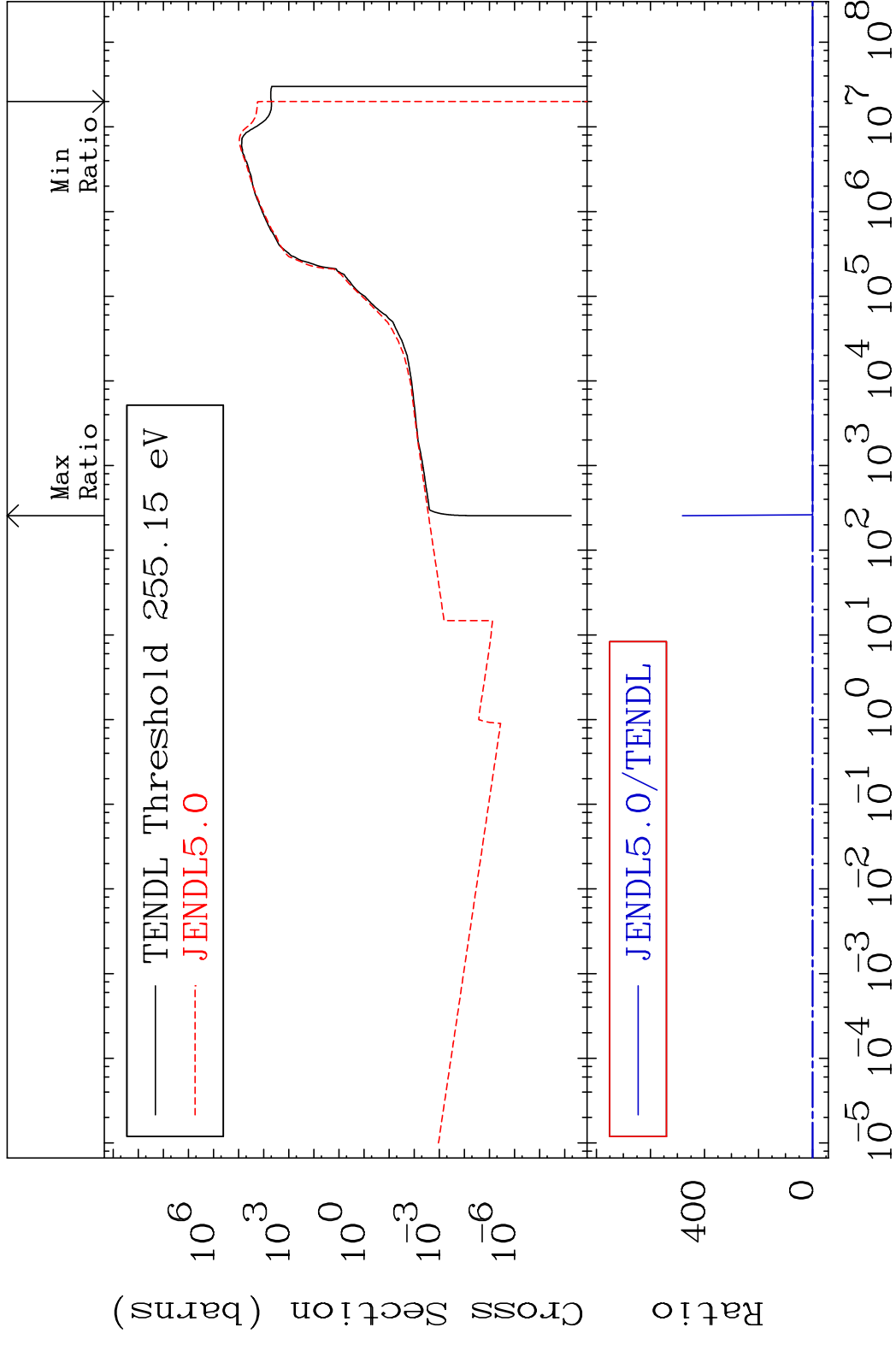


61

Incident Energy (eV)

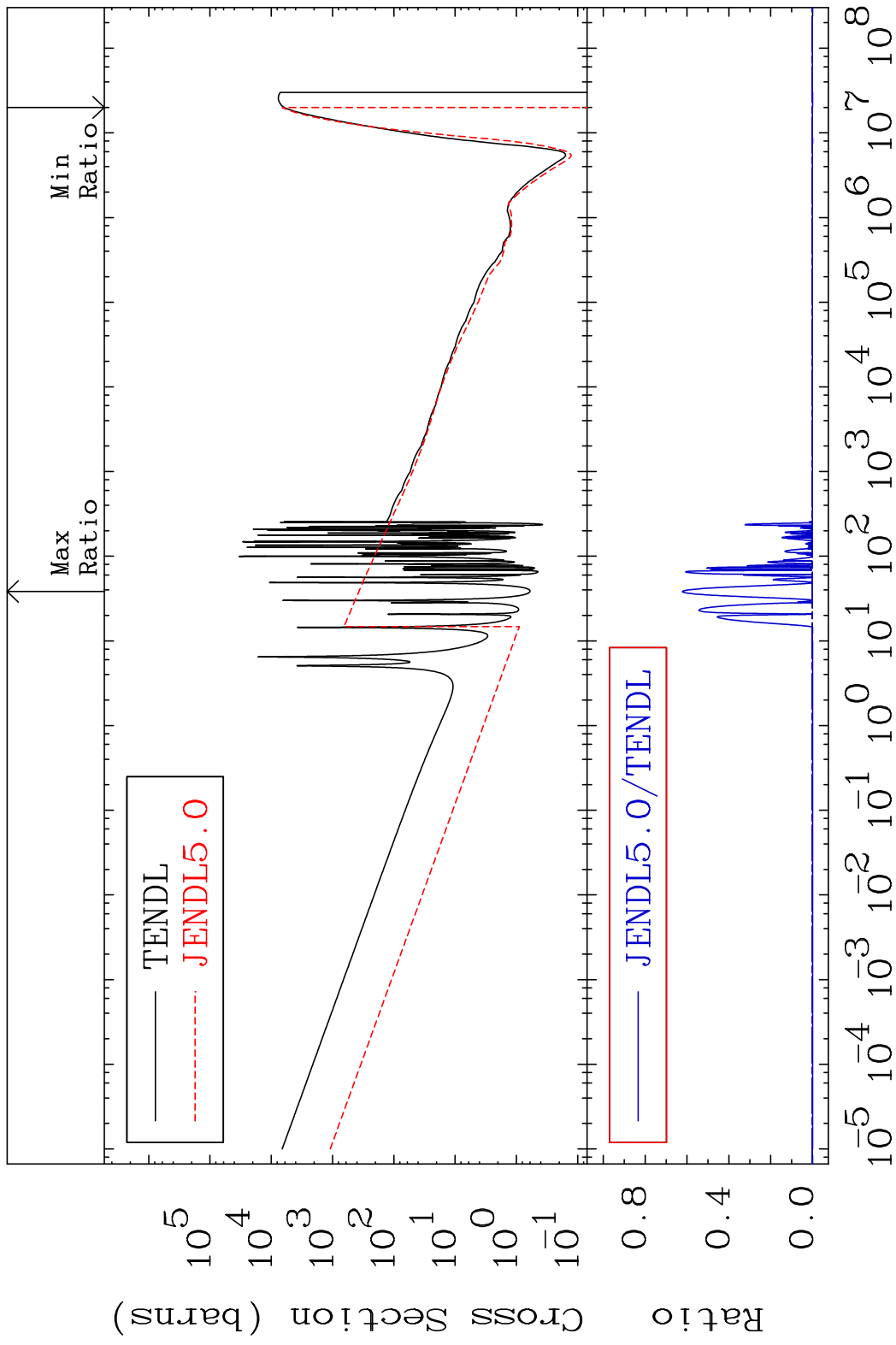
48-Cd-115m

MAT 4853 Dpa inelastic (mt51-91) 48-Cd-115m
 Cross Section -100.0 To 9999. %



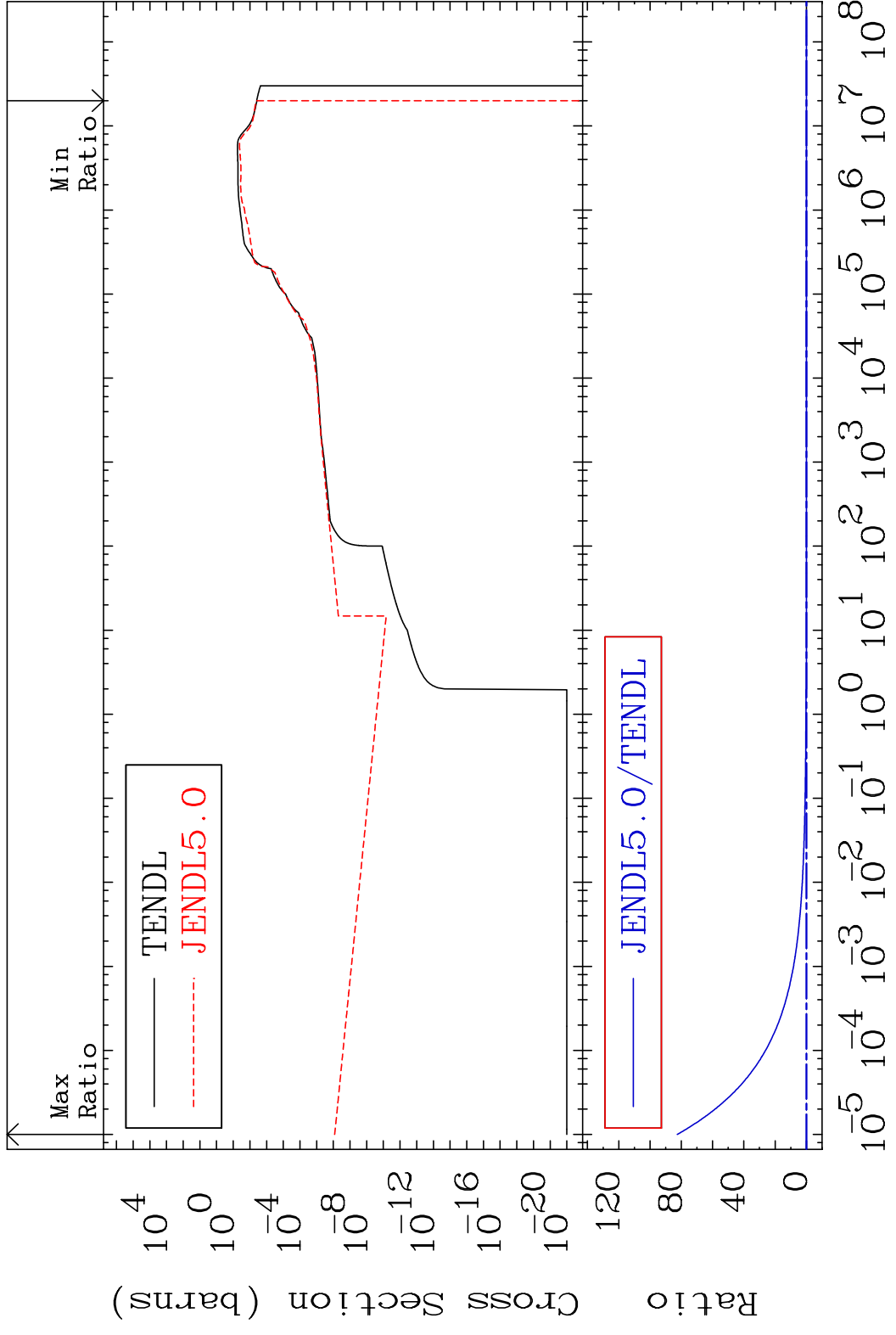
62 Incident Energy (eV) 48-Cd-115m

MAT 4853 Dpa disappearance (mt102 -120) 48-Cd-115m
 Cross Section -100.0 To 9999. %



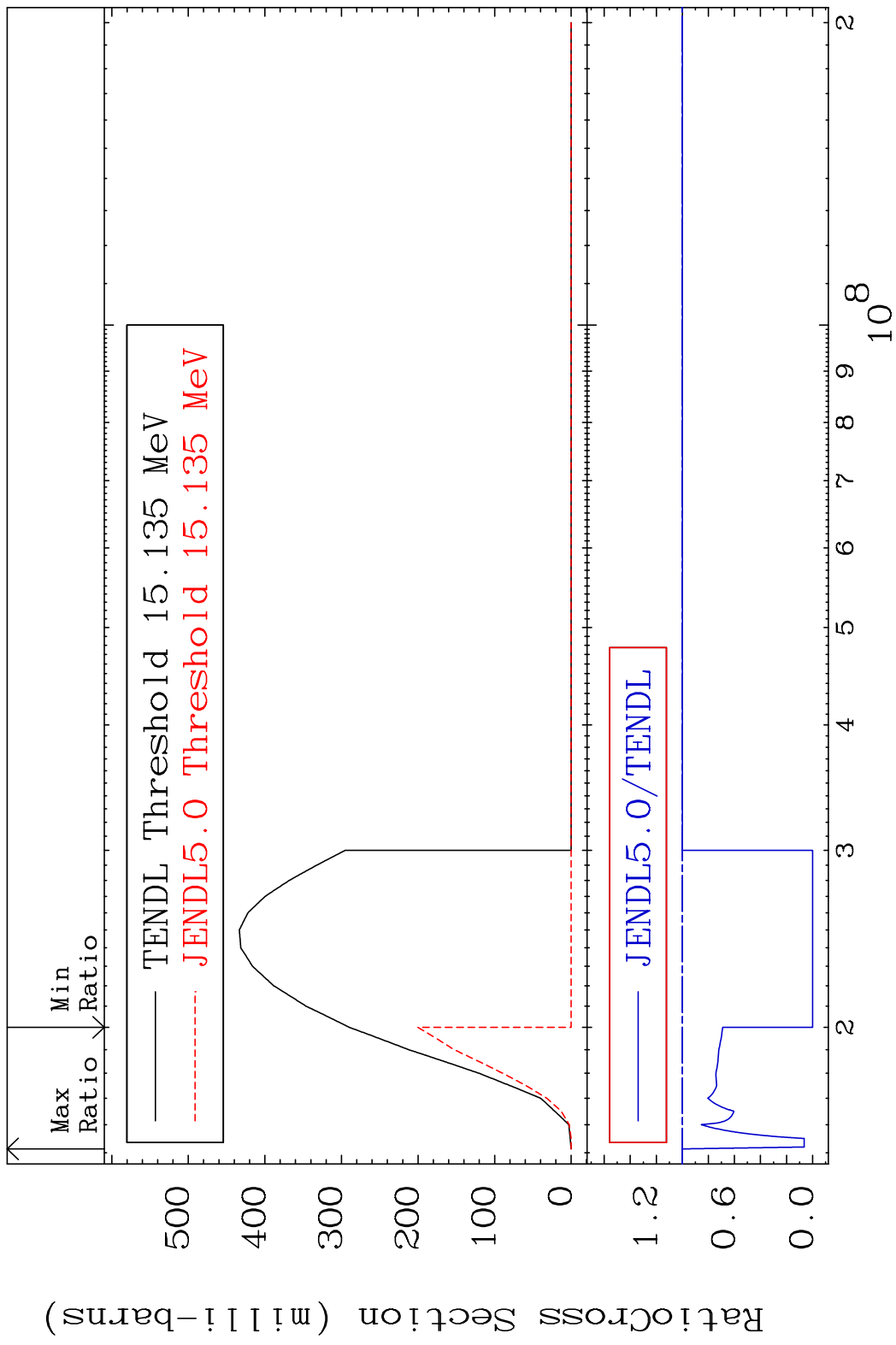
63 Incident Energy (eV) 48-Cd-115m

MAT 4853 Inelastic: 48-Cd-115g 48-Cd-115m
 Radionuclide Production Cross Section 100.00 % 9999. %

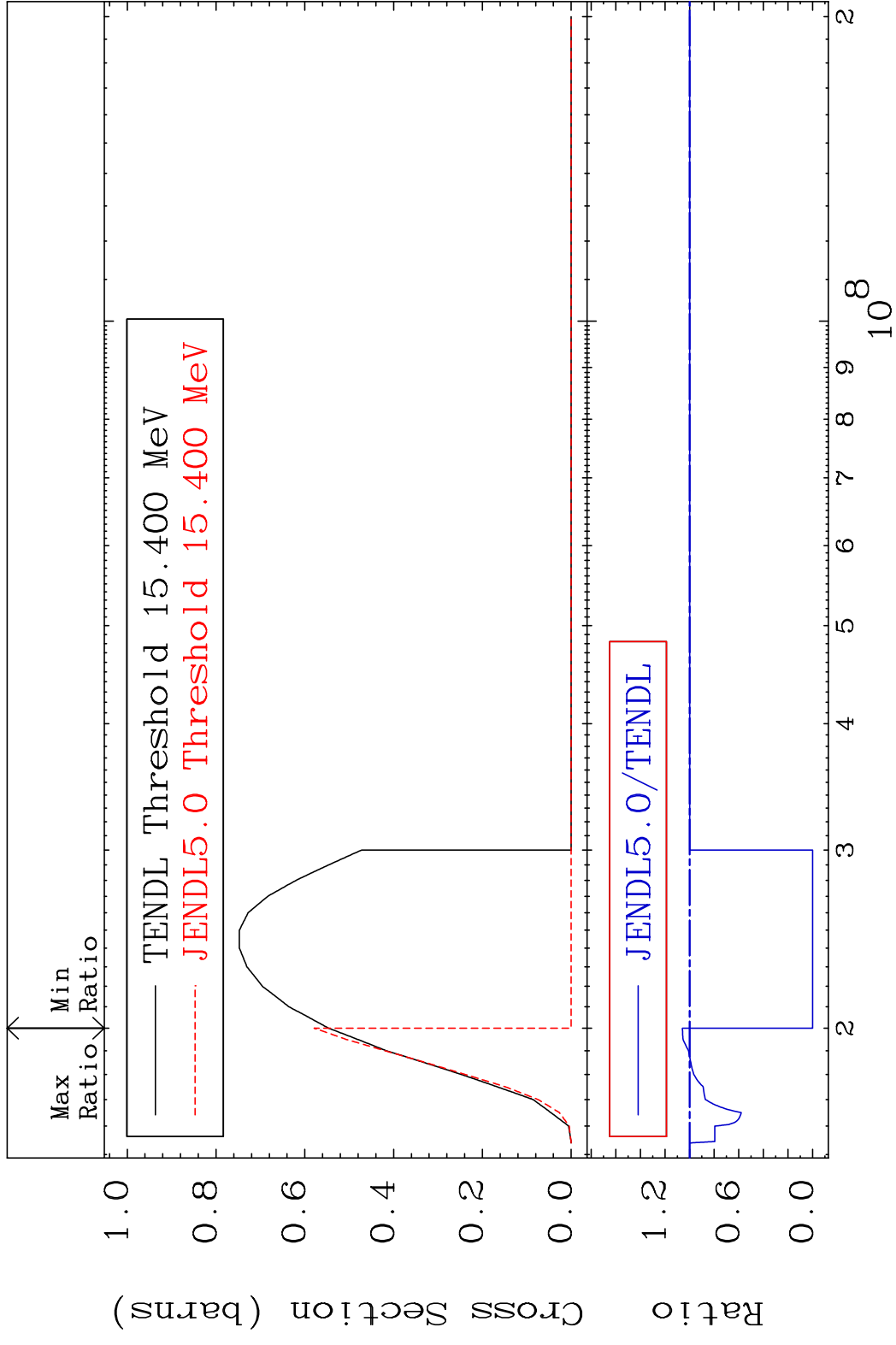


64 Incident Energy (eV) 48-Cd-115m

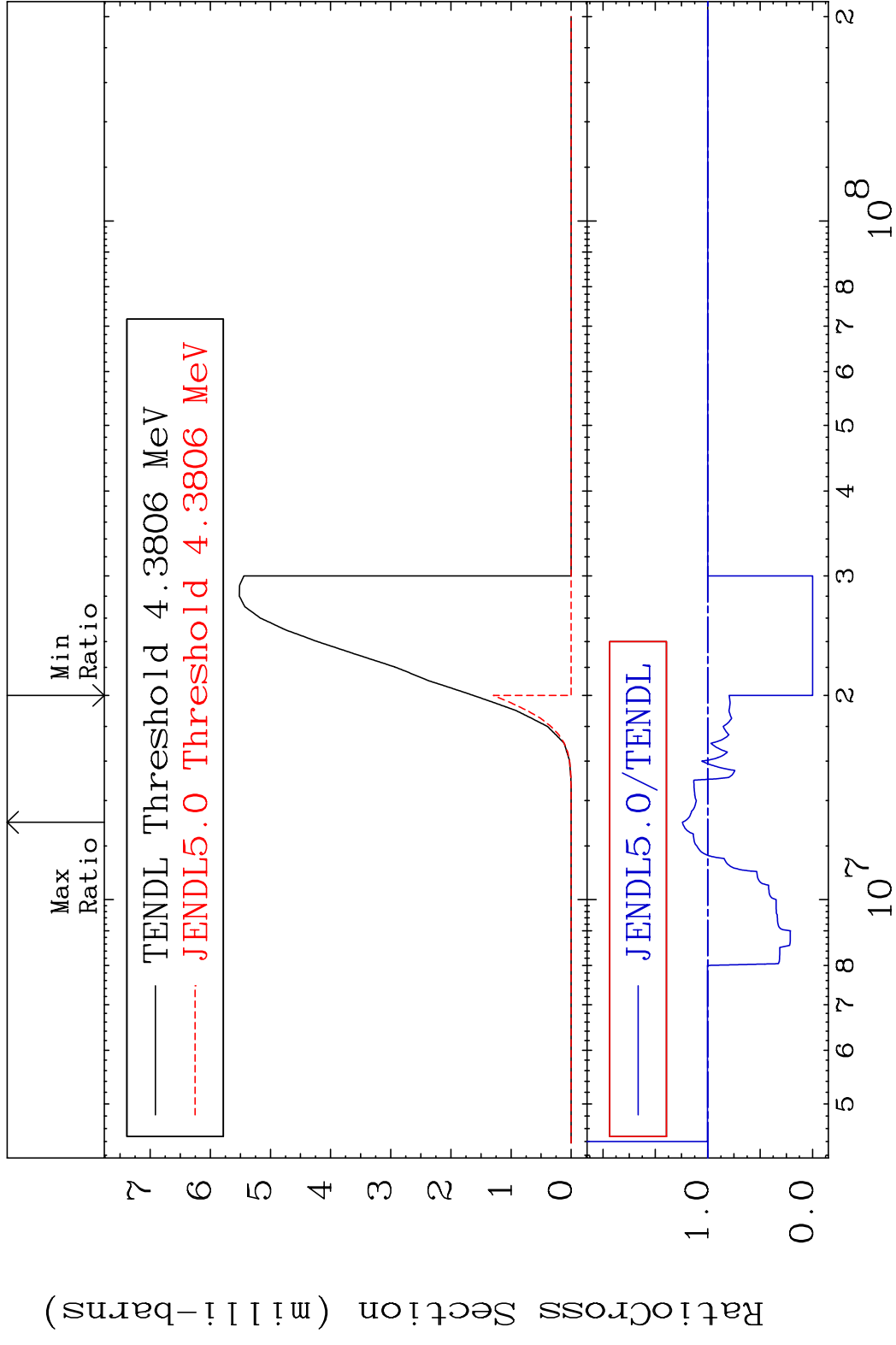
MAT 4853 (n,3n):48-Cd-113g 48-Cd-115m
 Radionuclide Production Cross Section 180.0 mb 0.000 %



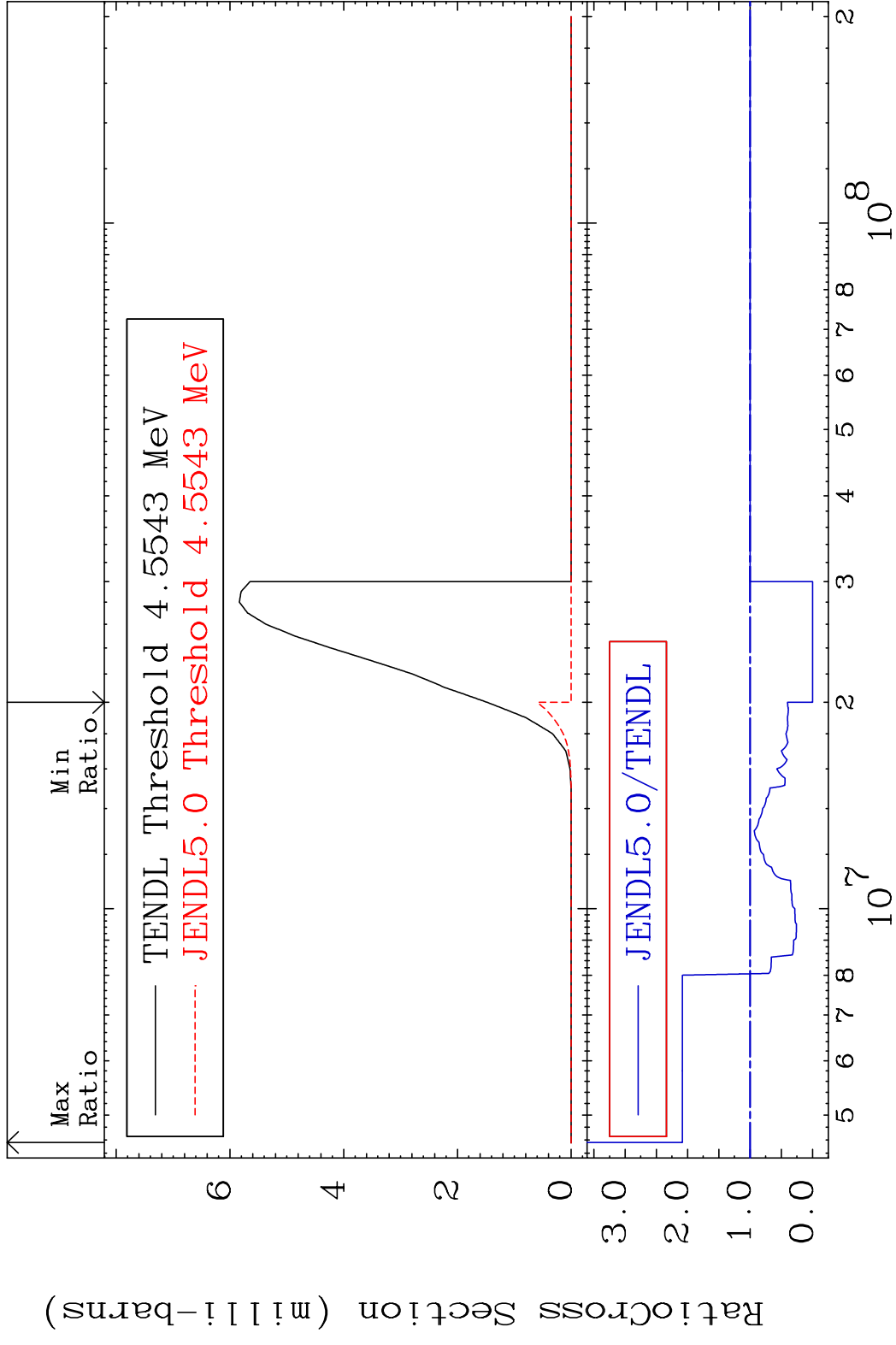
MAT 4853 (n, 3n) : 48-Cd-113m1 48-Cd-115m
 Radionuclide Production Cross Section to 5.874 %



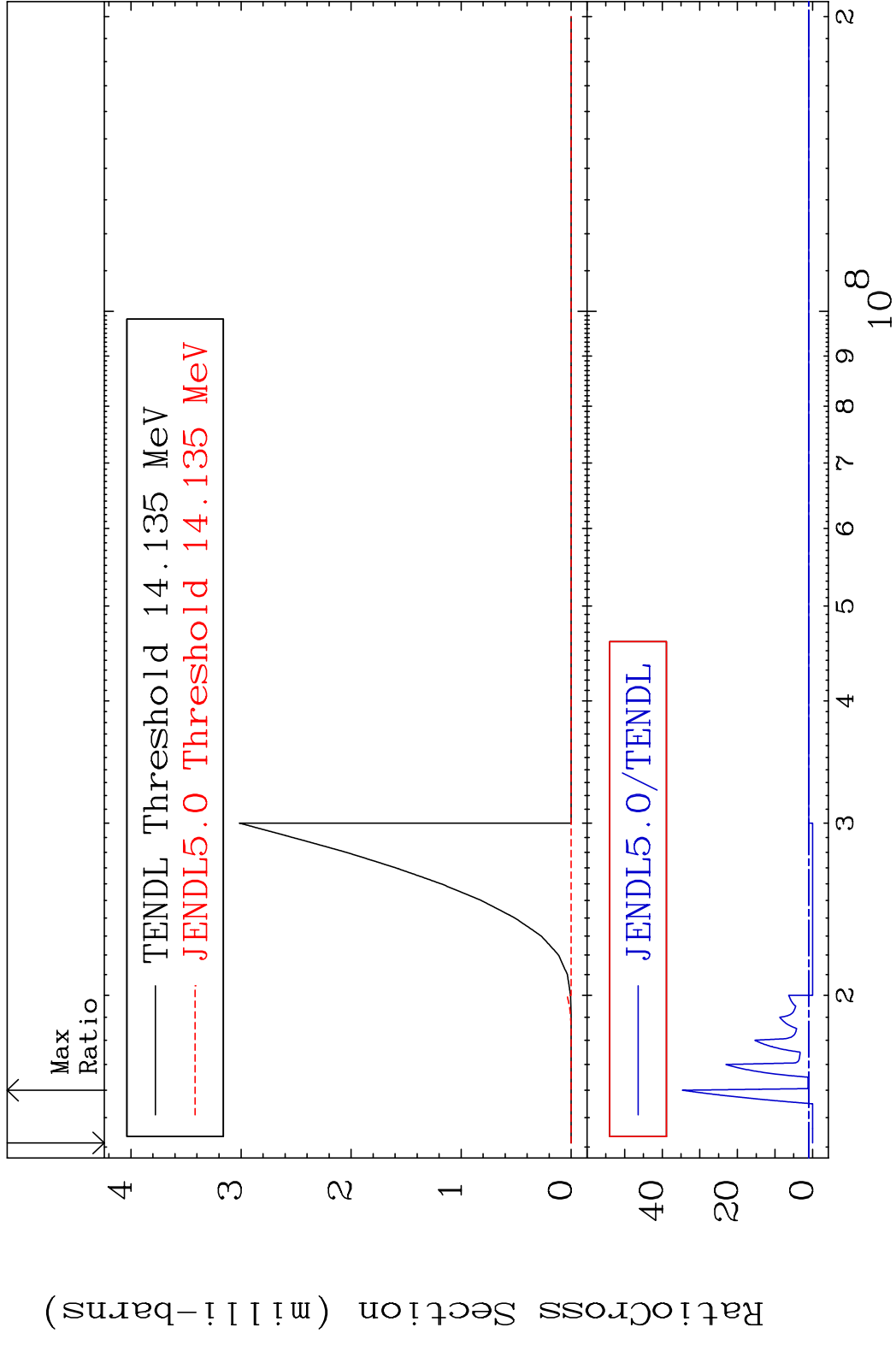
MAT 4853 (n, n') α :46-Pd-111g 48-Cd-115m
 Radionuclide Production Cross Section to 24.24 %



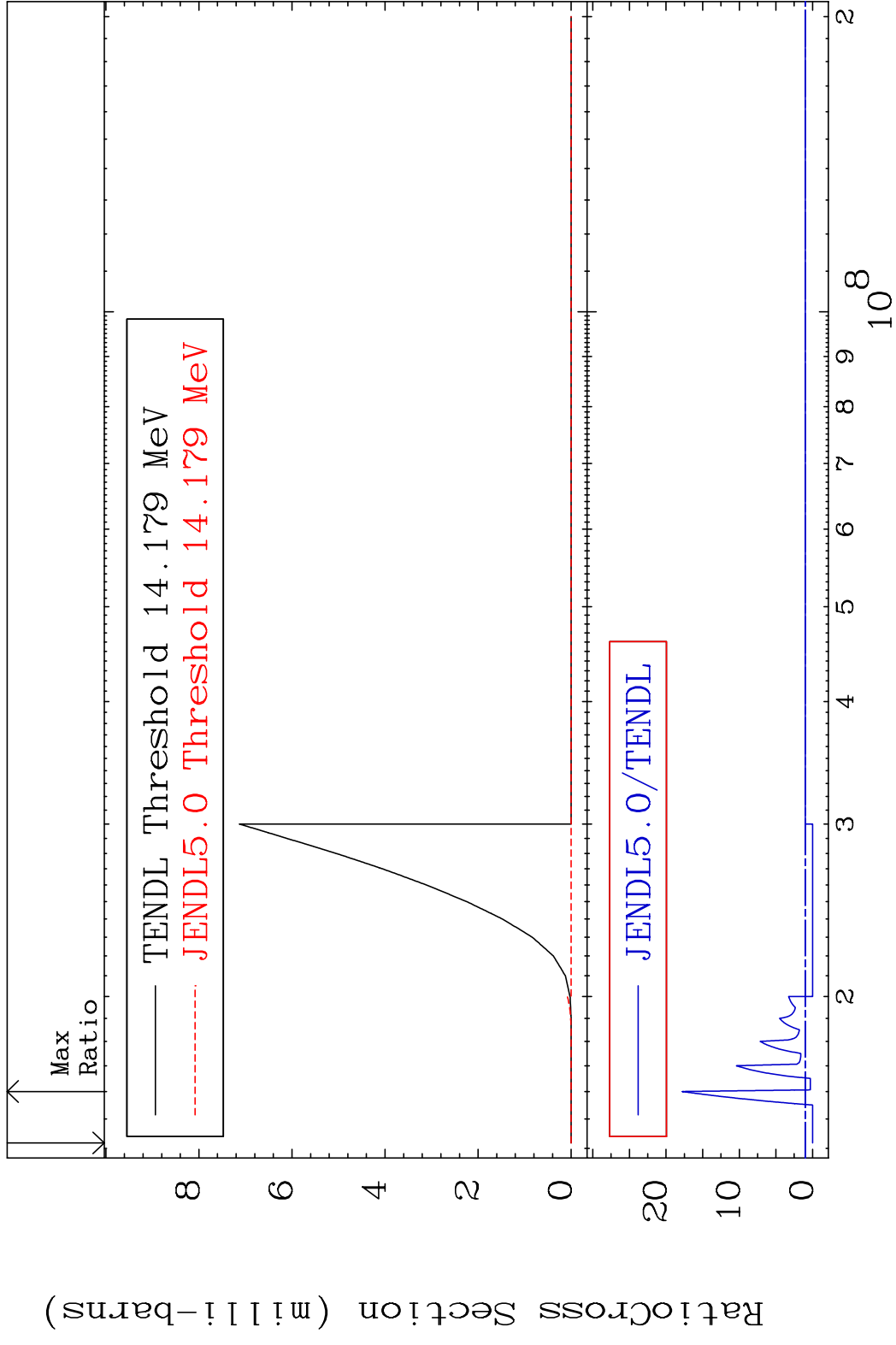
MAT 4853 (n, n') α :46-Pd-111m2 48-Cd-115m
 Radionuclide Production Cross Section 100.0 %
 108.4 %



MAT 4853 (n, n') d:47-Ag-113g 48-Cd-115m
 Radionuclide Production Cross Section 180.0 dth 3364. %

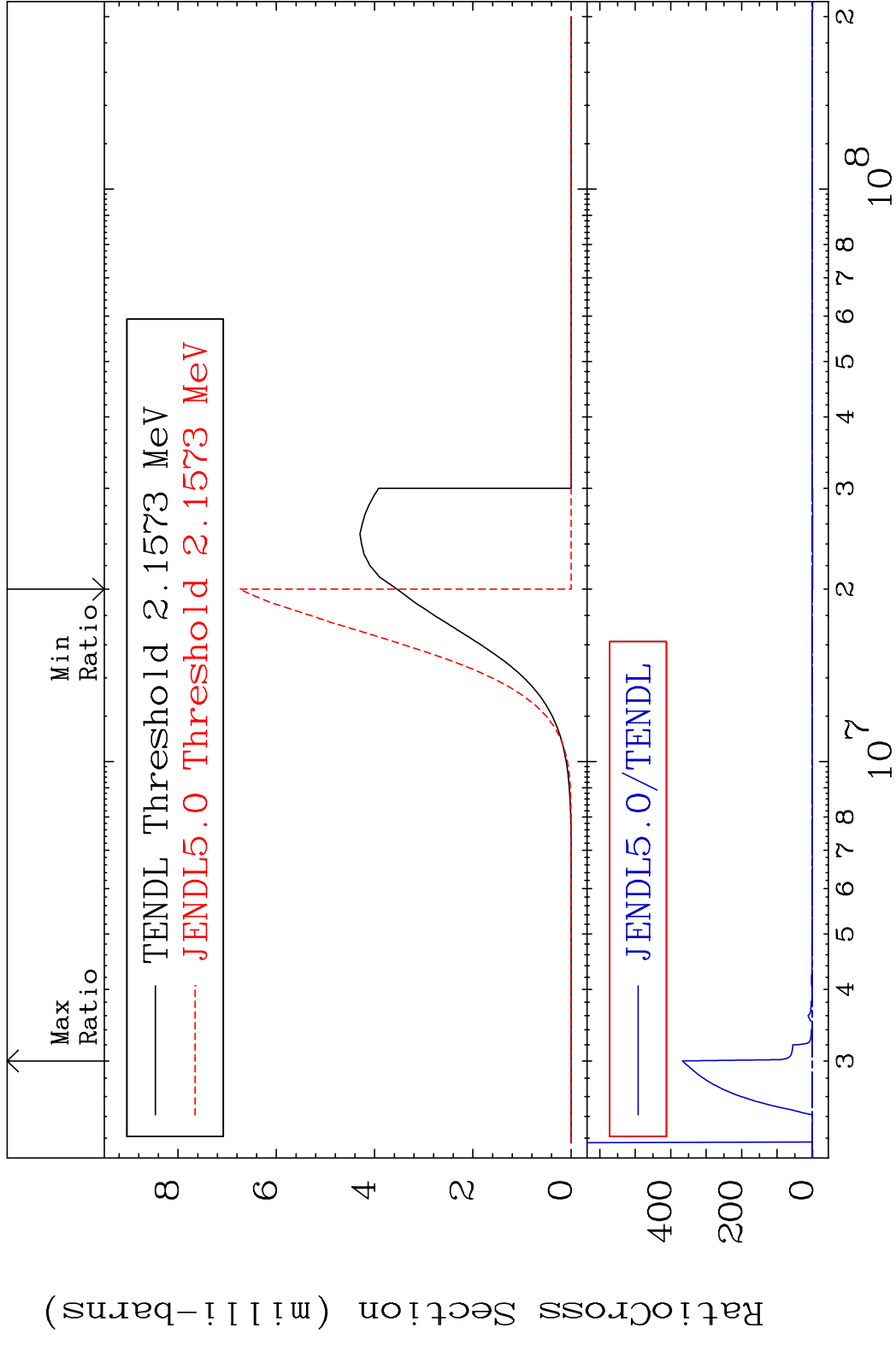


MAT 4853 (n, n') d:47-Ag-113m1 48-Cd-115m
 Radionuclide Production Cross Section 1677. %

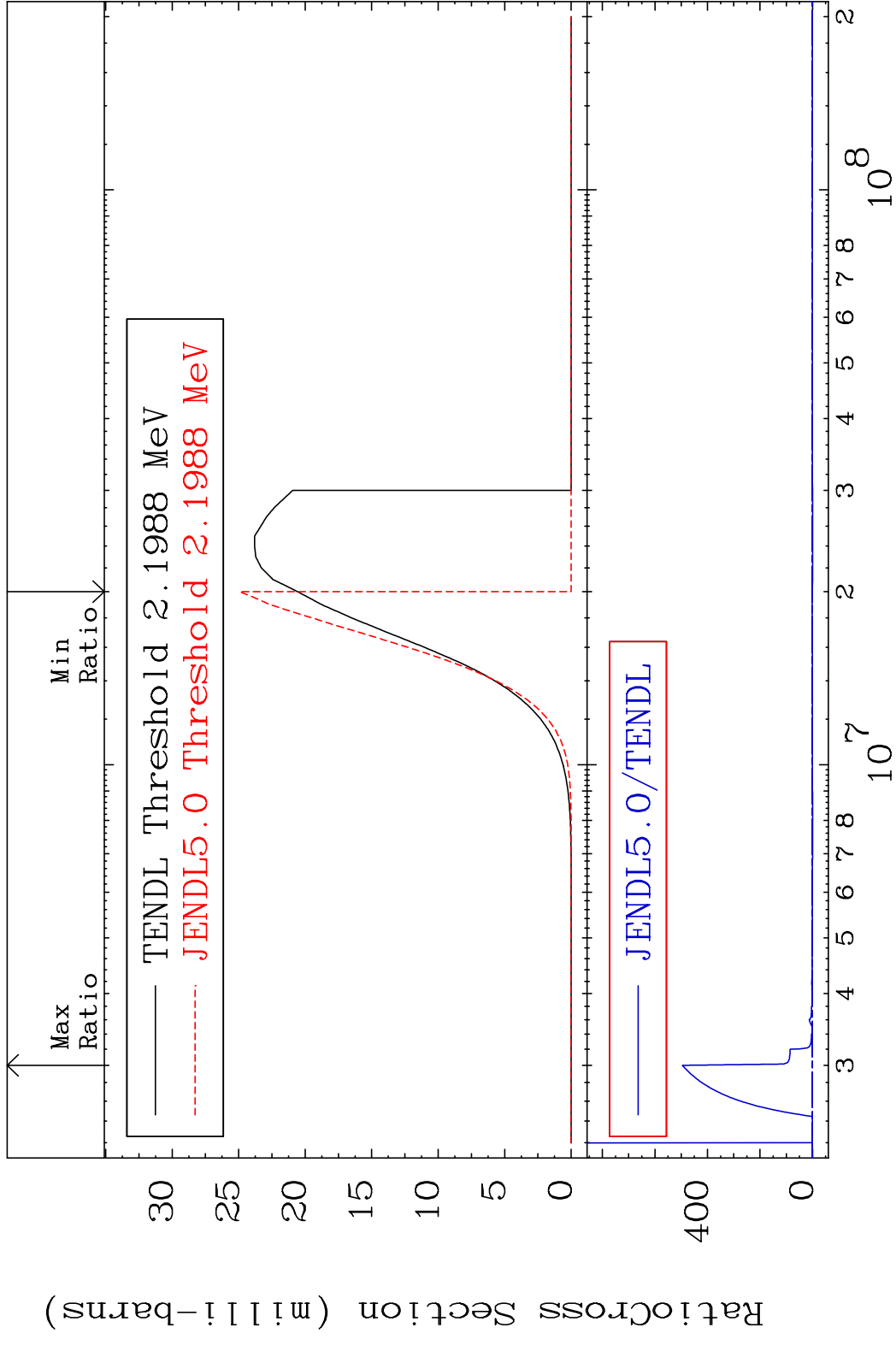


70 Incident Energy (eV) 48-Cd-115m

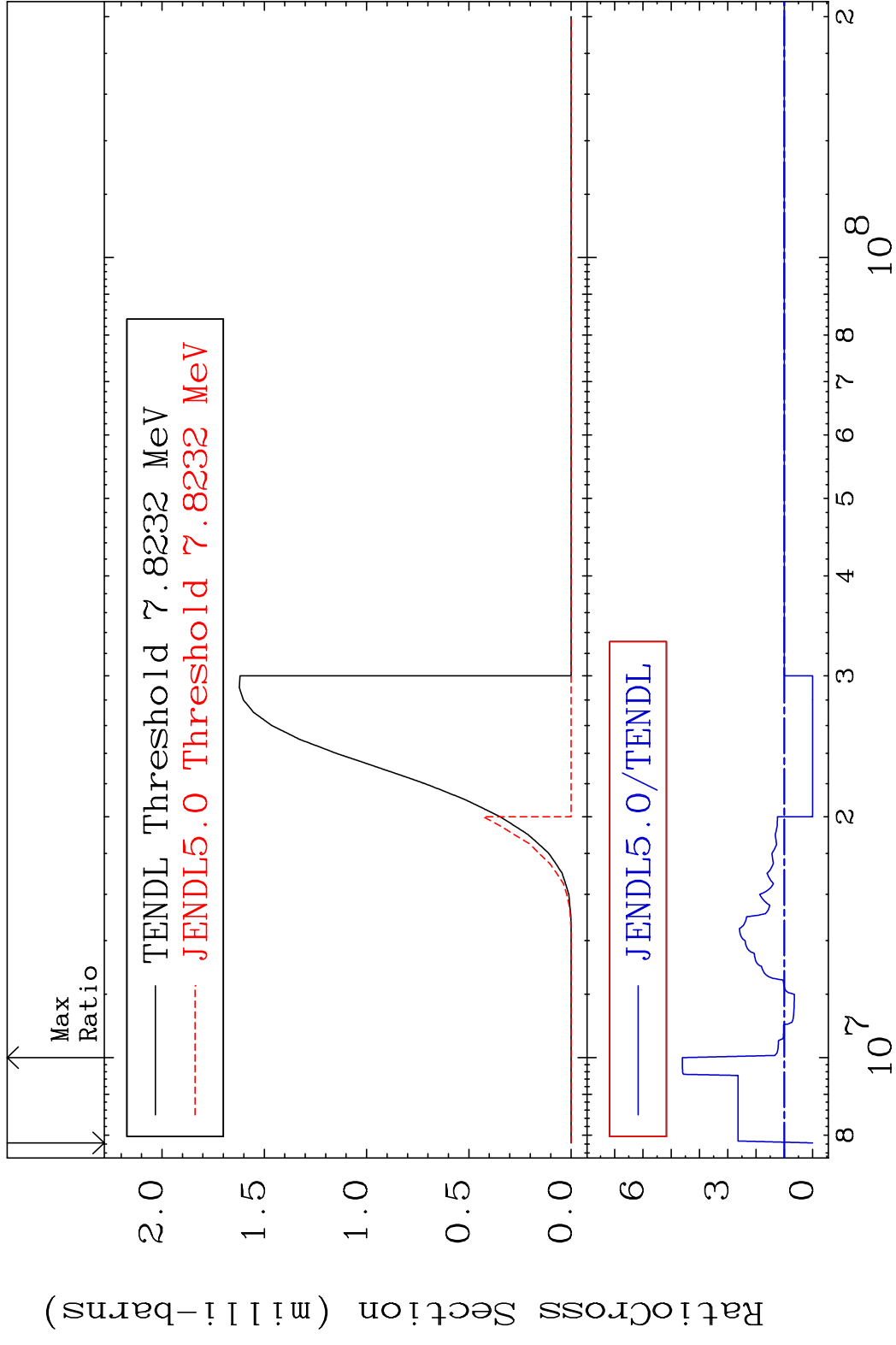
MAT 4853 (n,p):47-Ag-115g 48-Cd-115m
 Radionuclide Production Cross Section to 9999. %



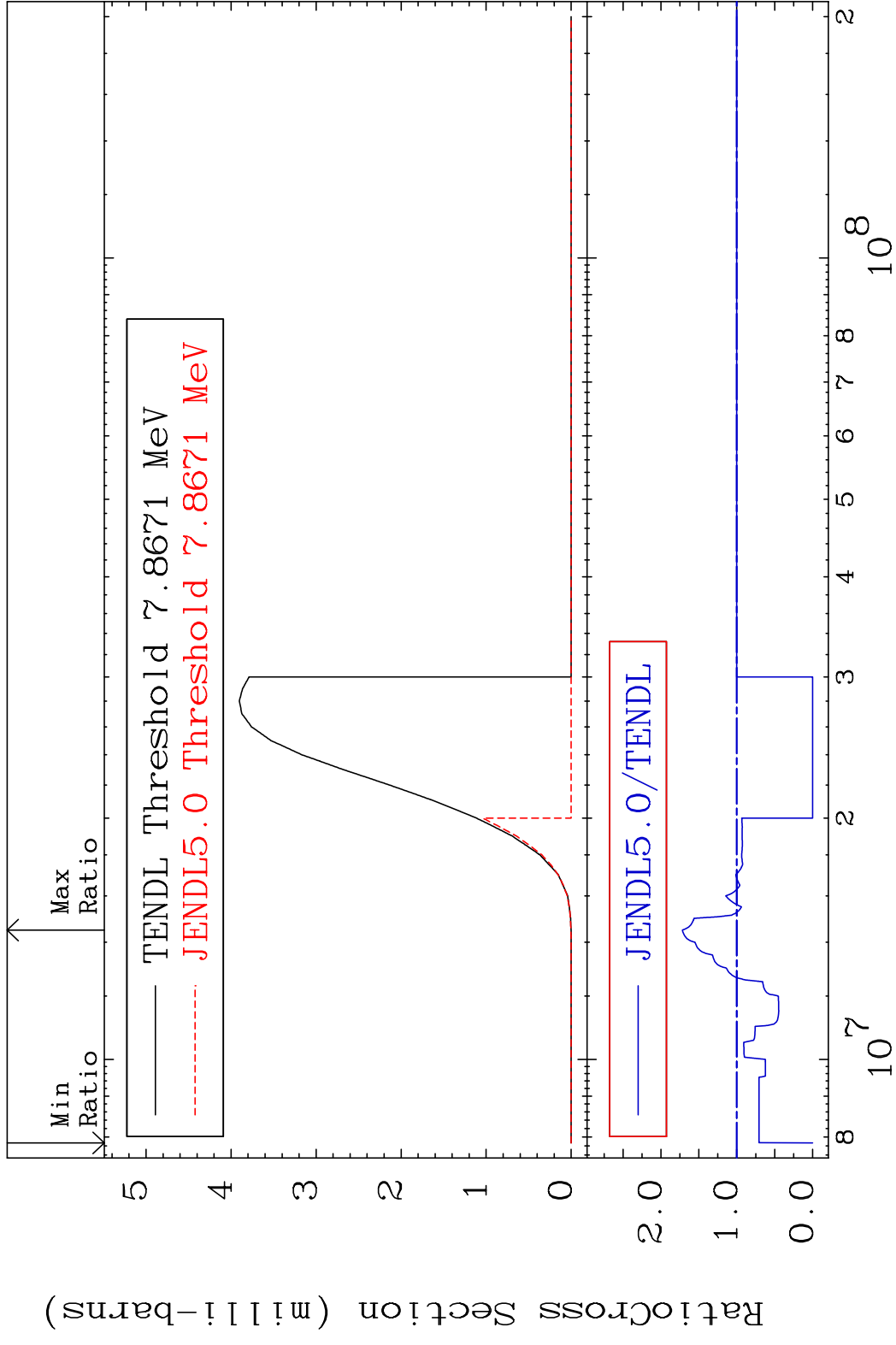
MAT 4853 (n, p): 47-Ag-115m1 48-Cd-115m
 Radionuclide Production Cross Section to 9999. %



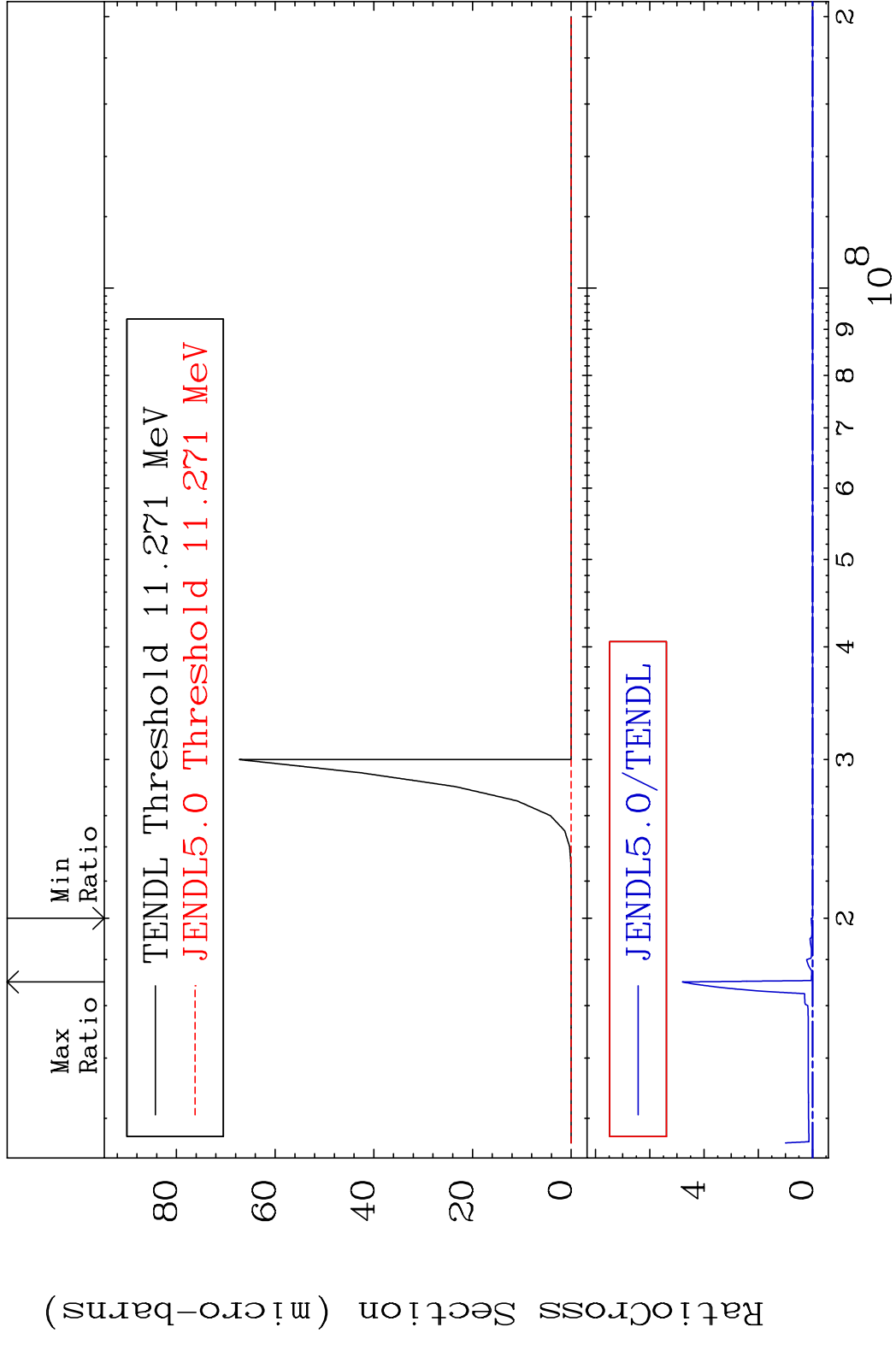
MAT 4853 (n,t):47-Ag-113g 48-Cd-115m
 Radionuclide Production Cross Section 360.7 %



MAT 4853 (n, t): 47-Ag-113m1 48-Cd-115m
 Radionuclide Production Cross Section Ratio 71.79 %



MAT 4853 (n, He-3):46-Pd-113g 48-Cd-115m
 Radionuclide Production Cross Section to 9999. %



MAT 4853 (n, He-3) : 46-Pd-113m2 48-Cd-115m
 Radionuclide Production Cross Section to 9999. %

