

Program Complot
(Version 2021-1)

by

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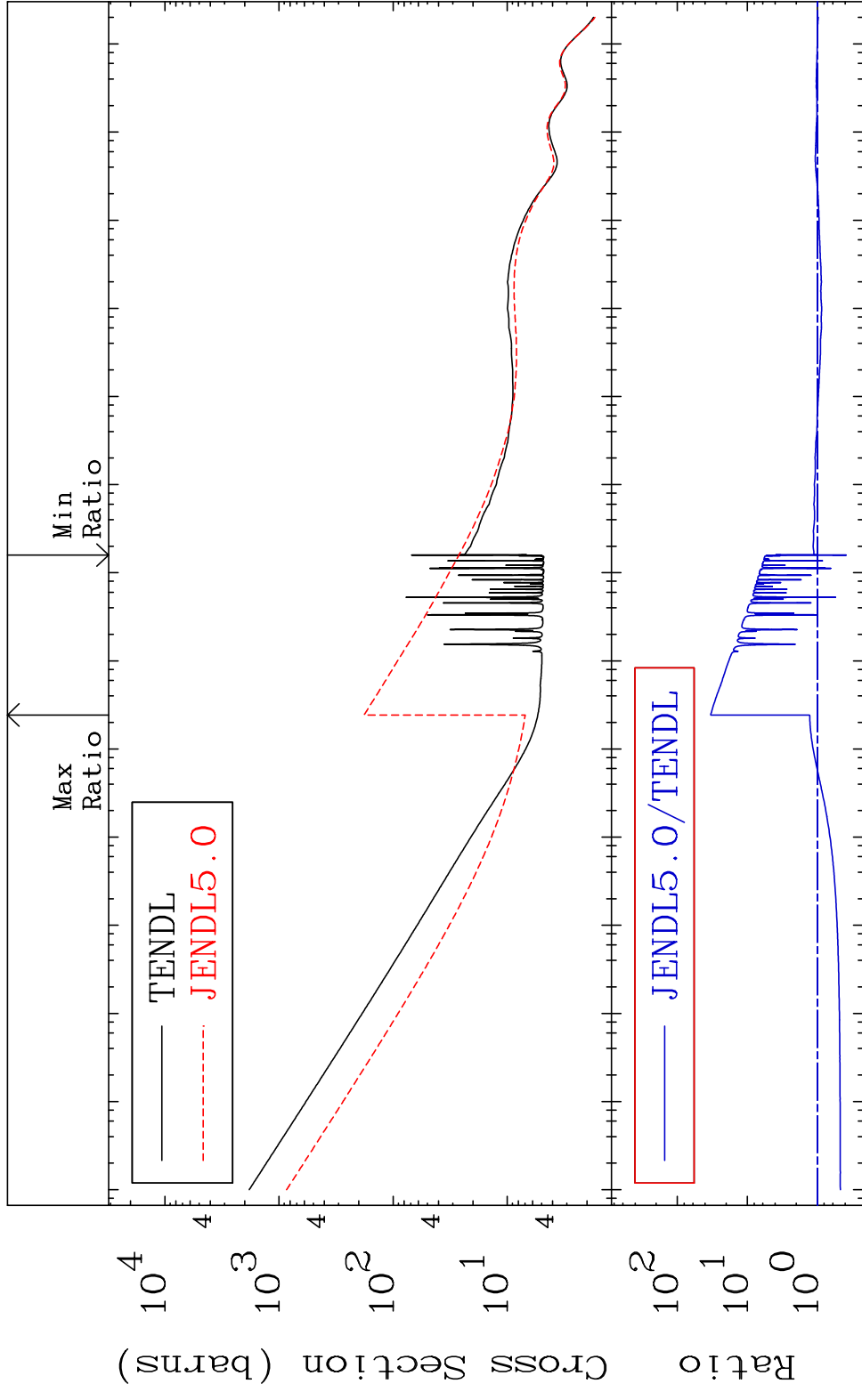
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4522

Total Cross Section

45-Rh-102 -61.39 To 3232. %



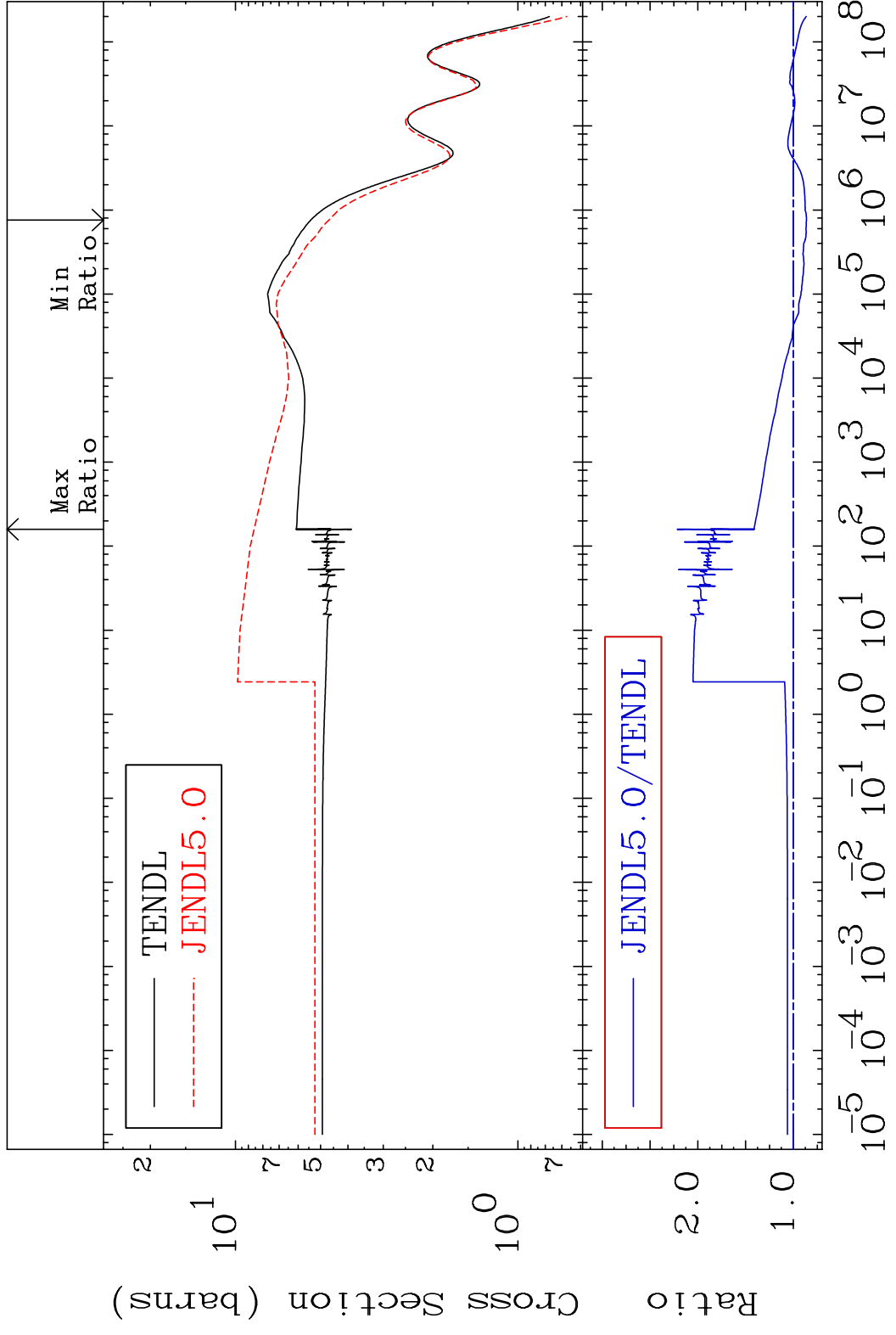
1 Incident Energy (eV) 45-Rh-102

MAT 4522

Elastic

45-Rh-102

Cross Section -13.63 To 121.6 %

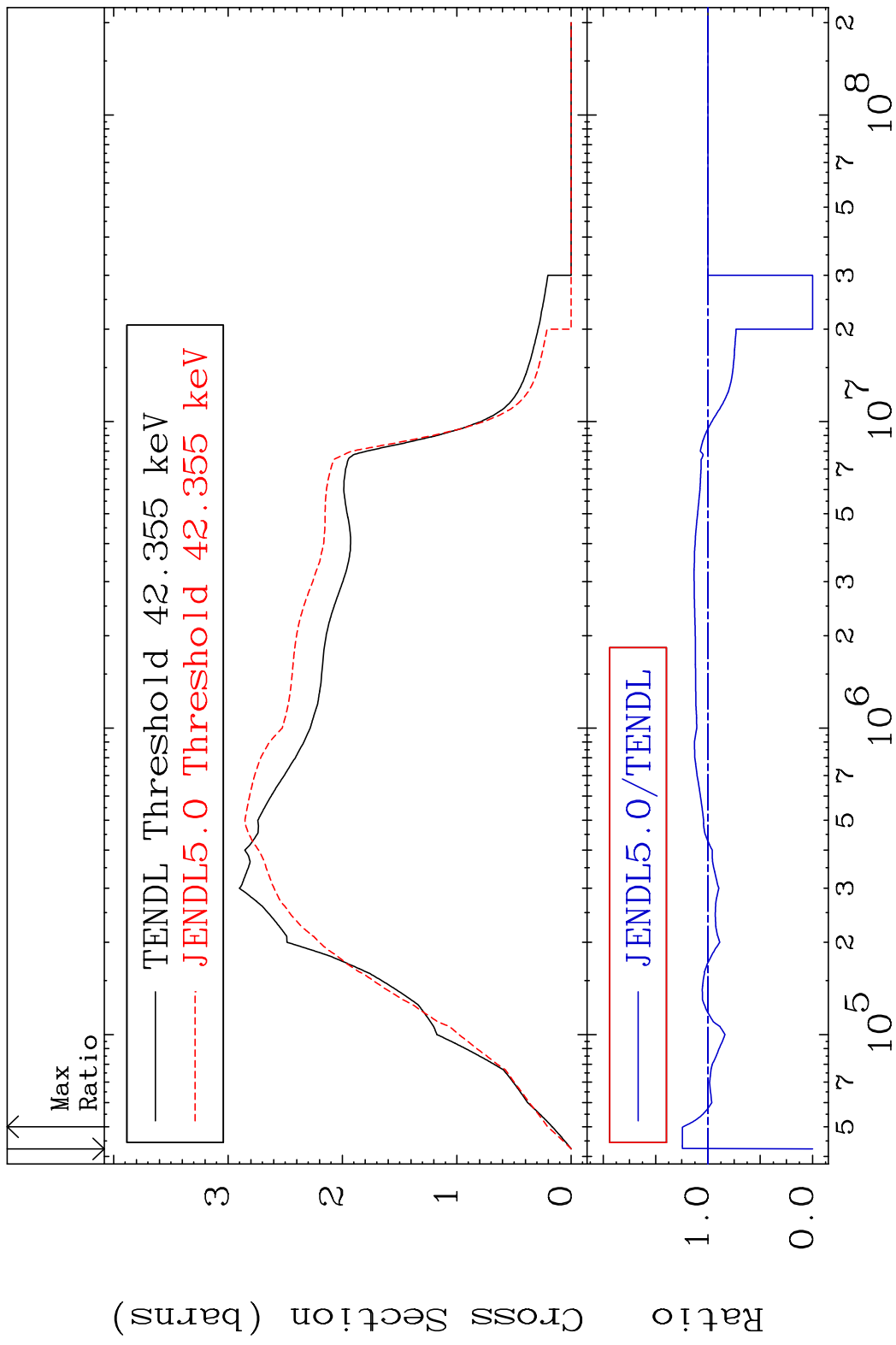


2

Incident Energy (eV)

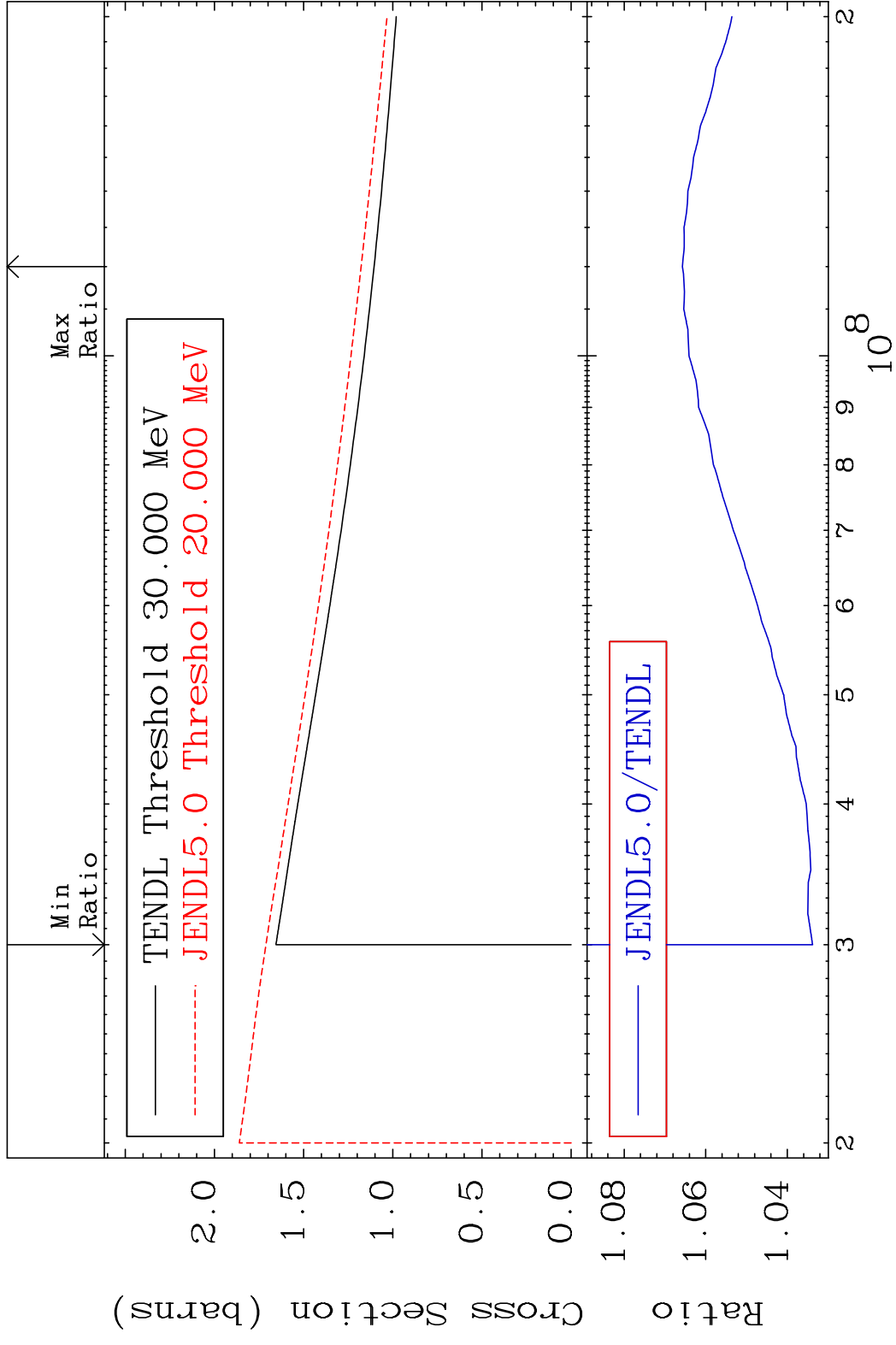
45-Rh-102

MAT 4522 Inelastic 45-Rh-102
Cross Section -100.0 To 24.43 %



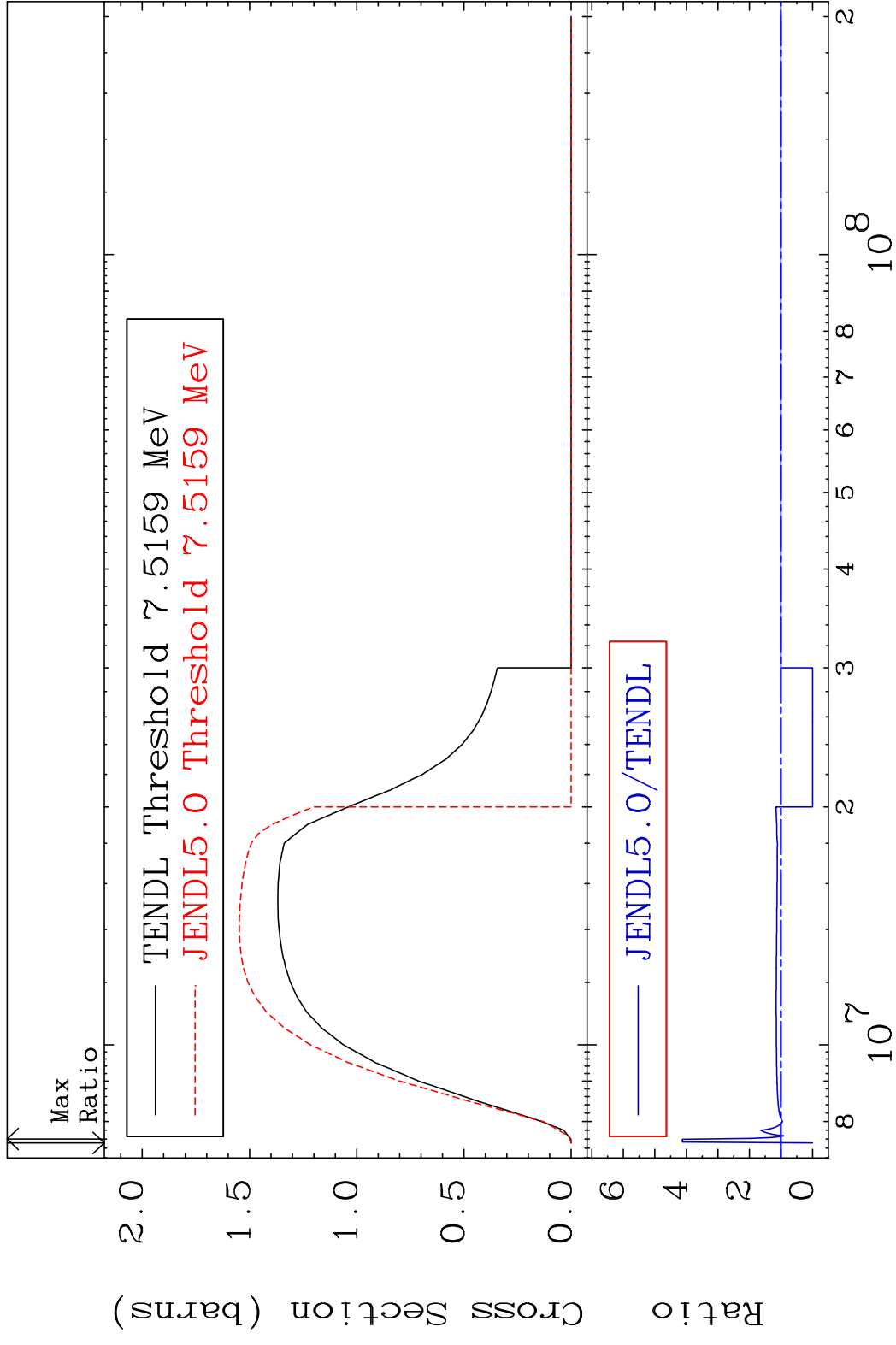
3 Incident Energy (eV) 45-Rh-102

MAT 4522 (n, remainder) 45-Rh-102
 Cross Section 3.381 To 6.573 %



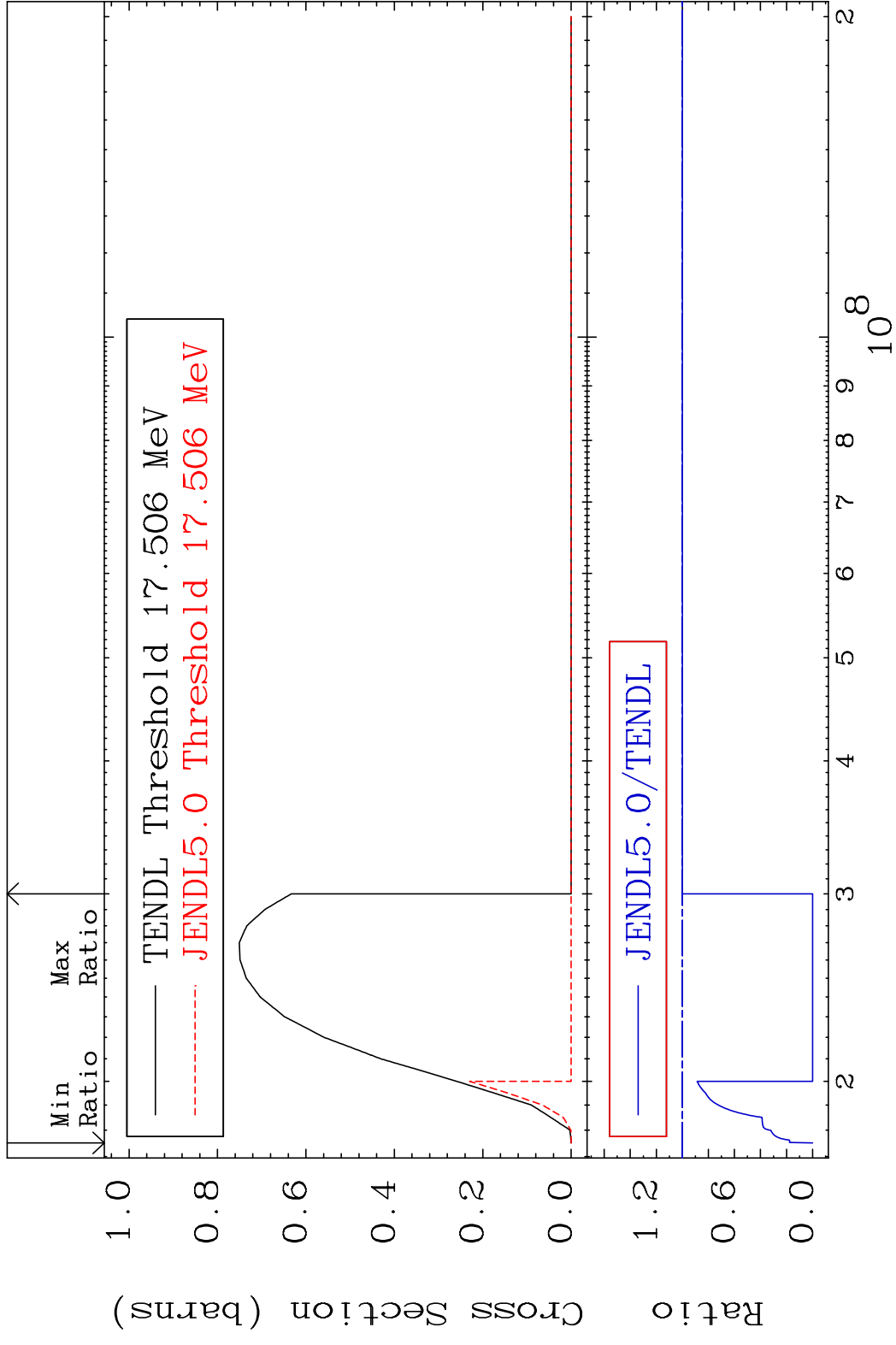
4 Incident Energy (eV) 45-Rh-102

MAT 4522 (n,2n) 45-Rh-102
 Cross Section -100.0 To 312.8 %

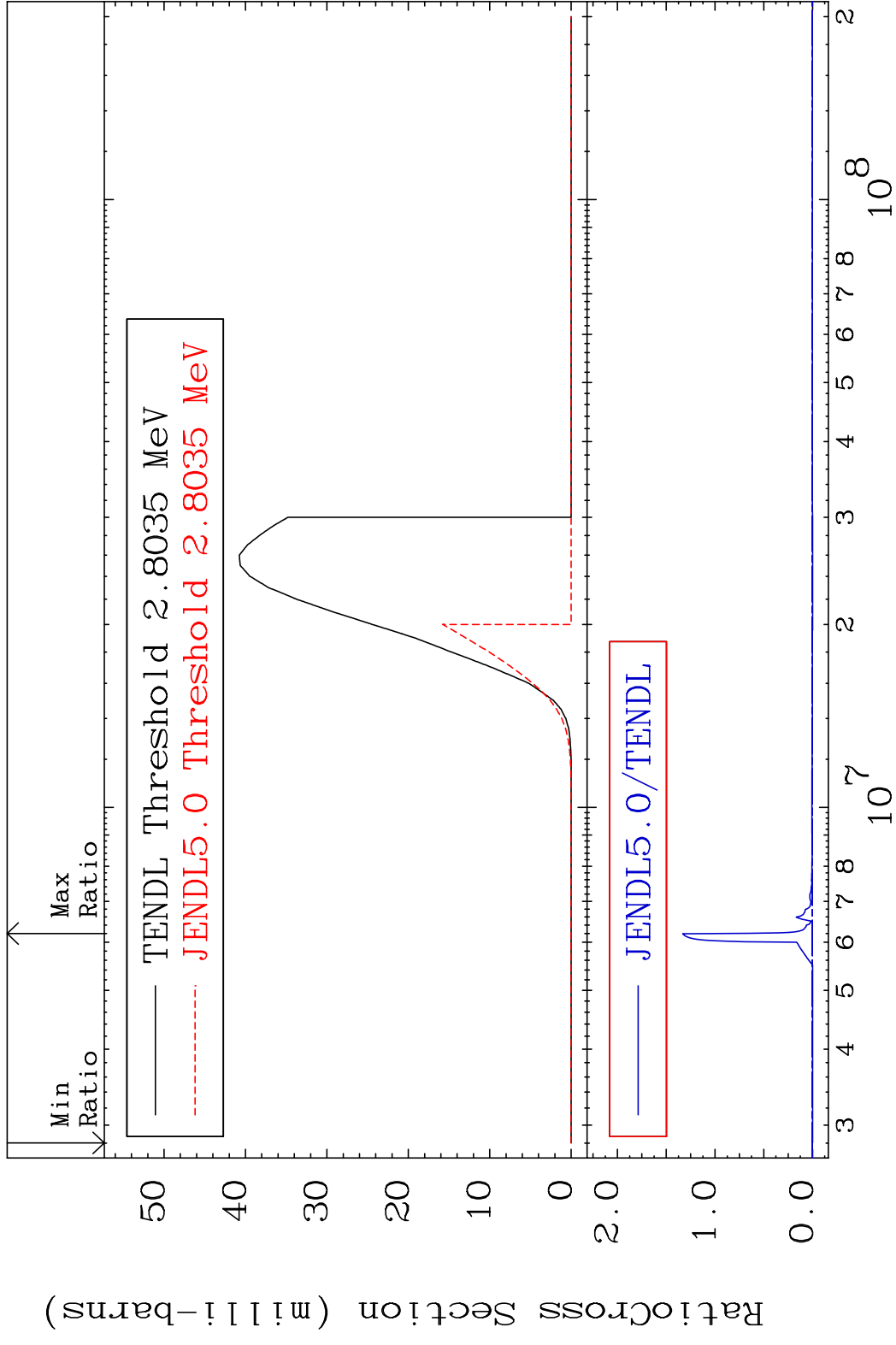


5 5 45-Rh-102

MAT 4522 (n,3n) 45-Rh-102
 Cross Section -100.0 To 0.000 %

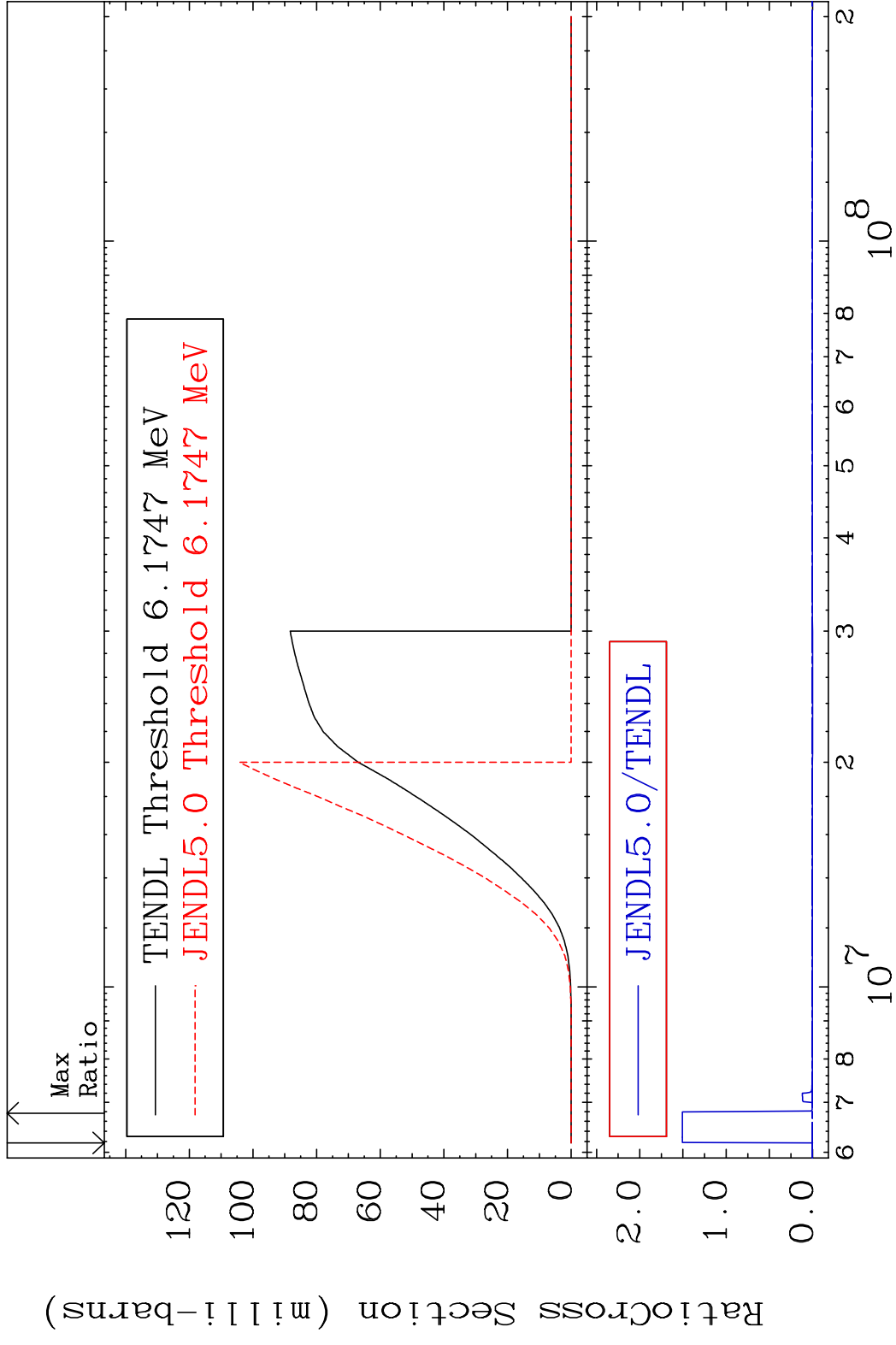


MAT 4522 (n, n') α 45-Rh-102
 Cross Section -100.0 To 9999. %



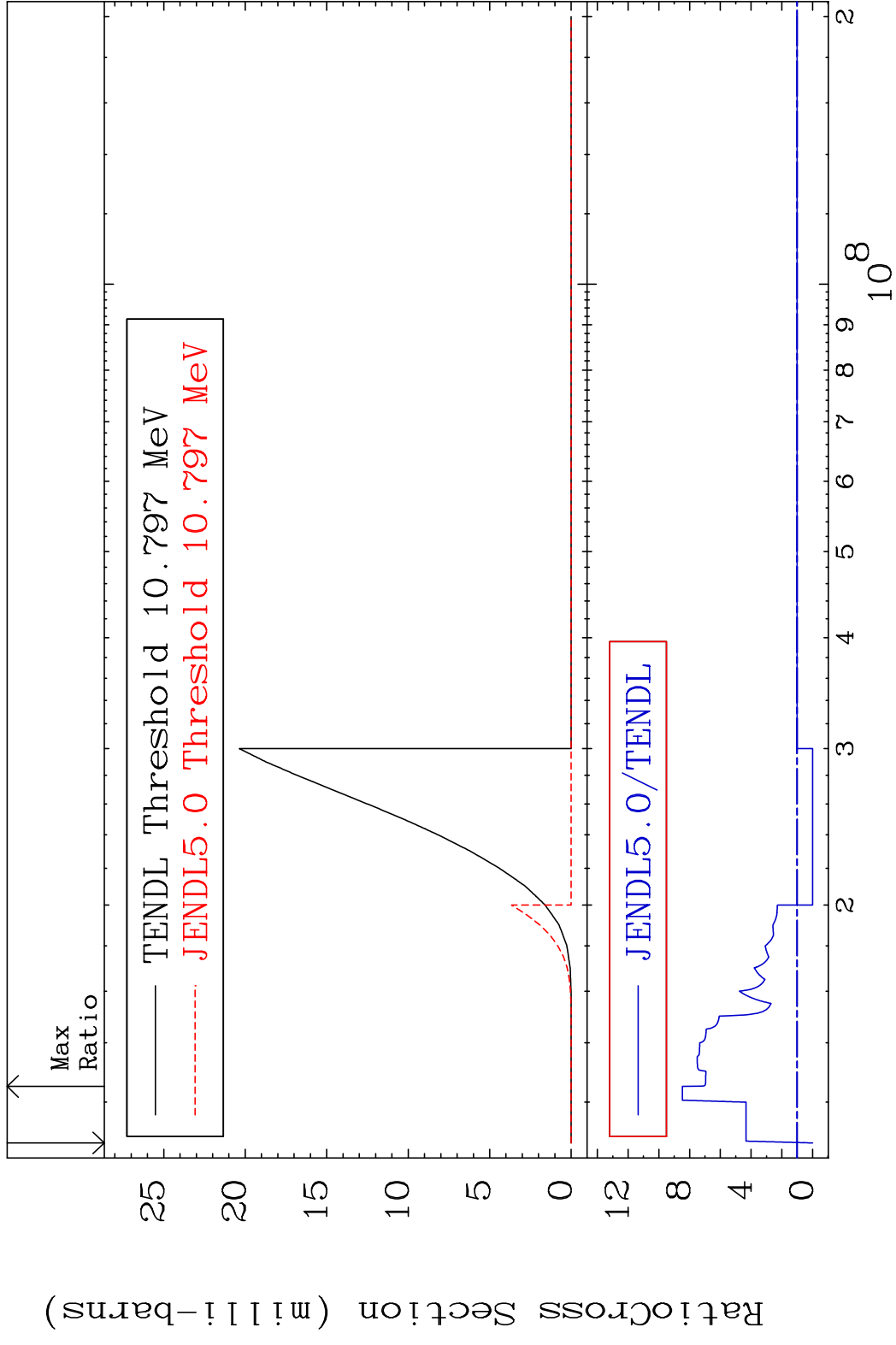
7 7 45-Rh-102

MAT 4522 (n, n') p 45-Rh-102
 Cross Section -100.0 To 9999. %



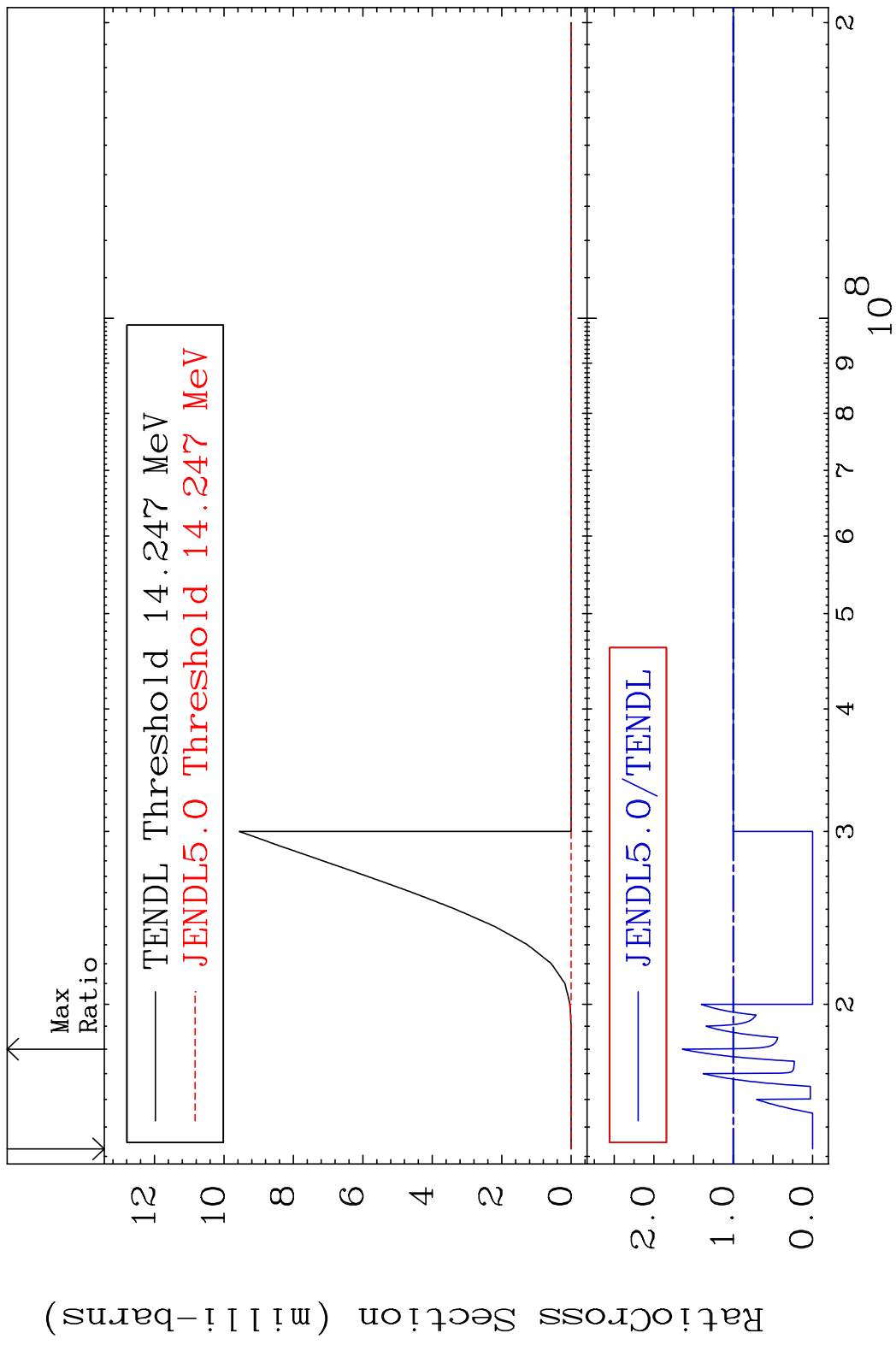
9 Incident Energy (eV) 45-Rh-102

MAT 4522 (n, n') d 45-Rh-102
 Cross Section -100.0 To 747.1 %

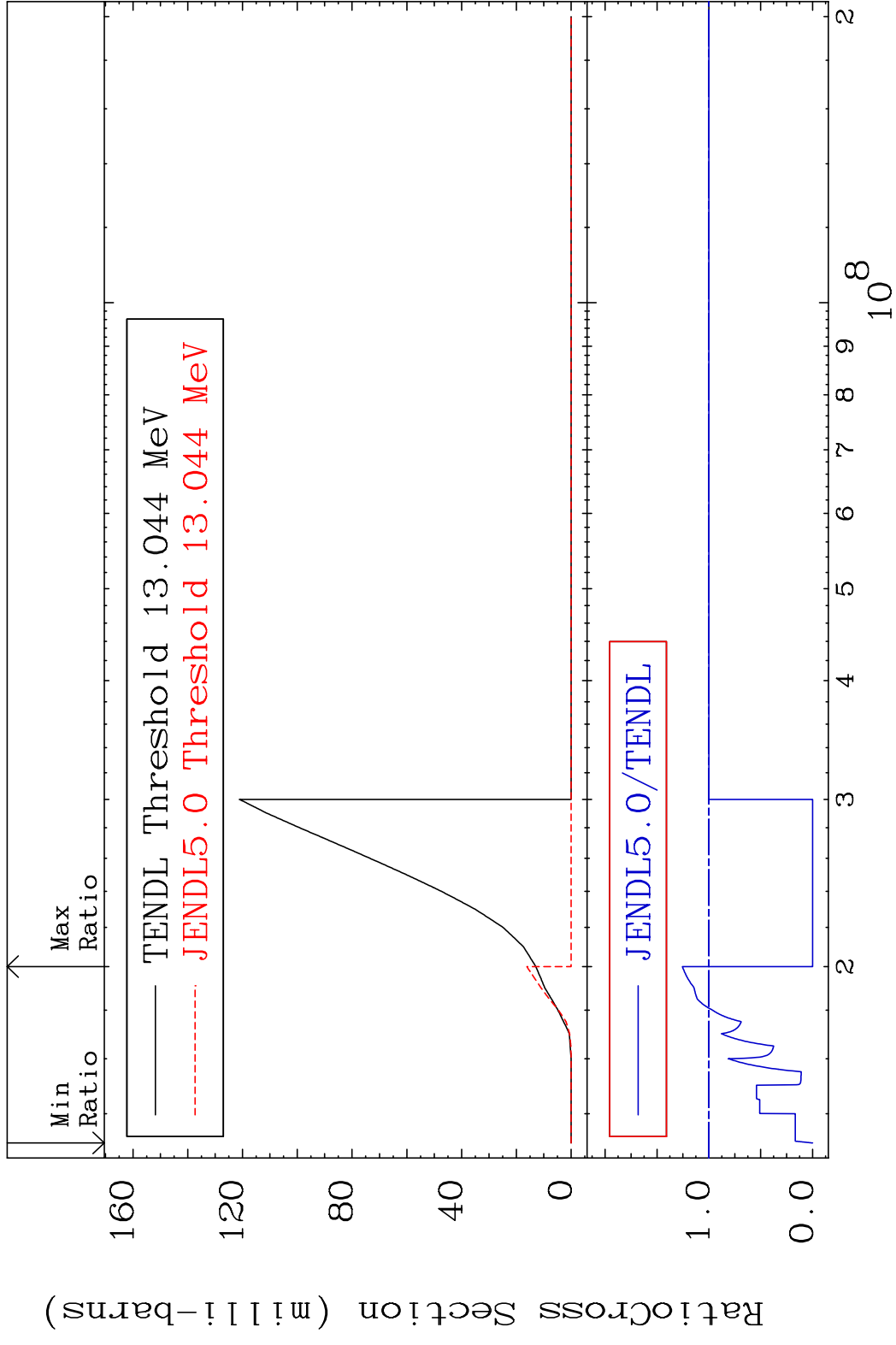


10 45-Rh-102

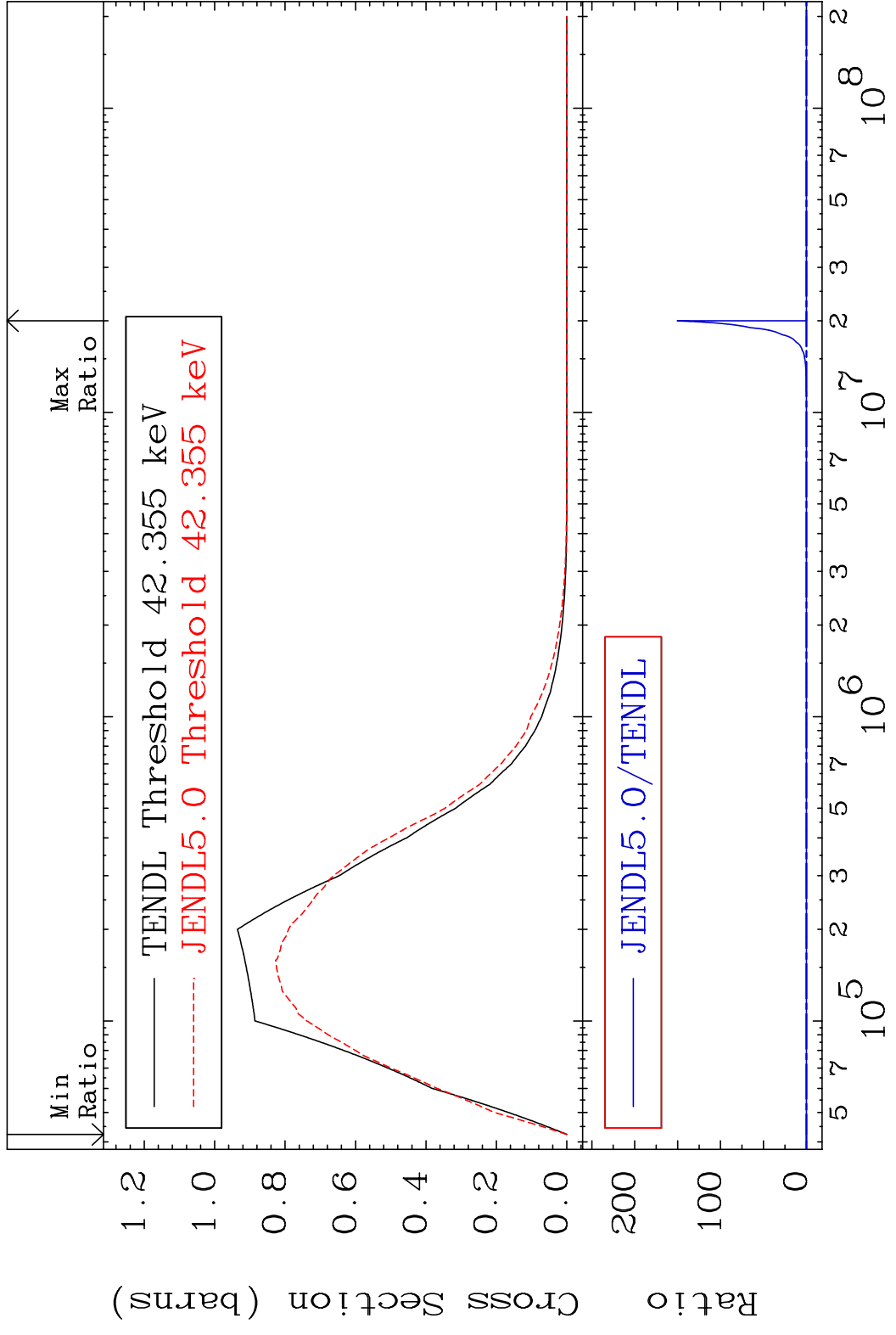
MAT 4522 (n, n') t 45-Rh-102
 Cross Section -100.0 To 64.12 %



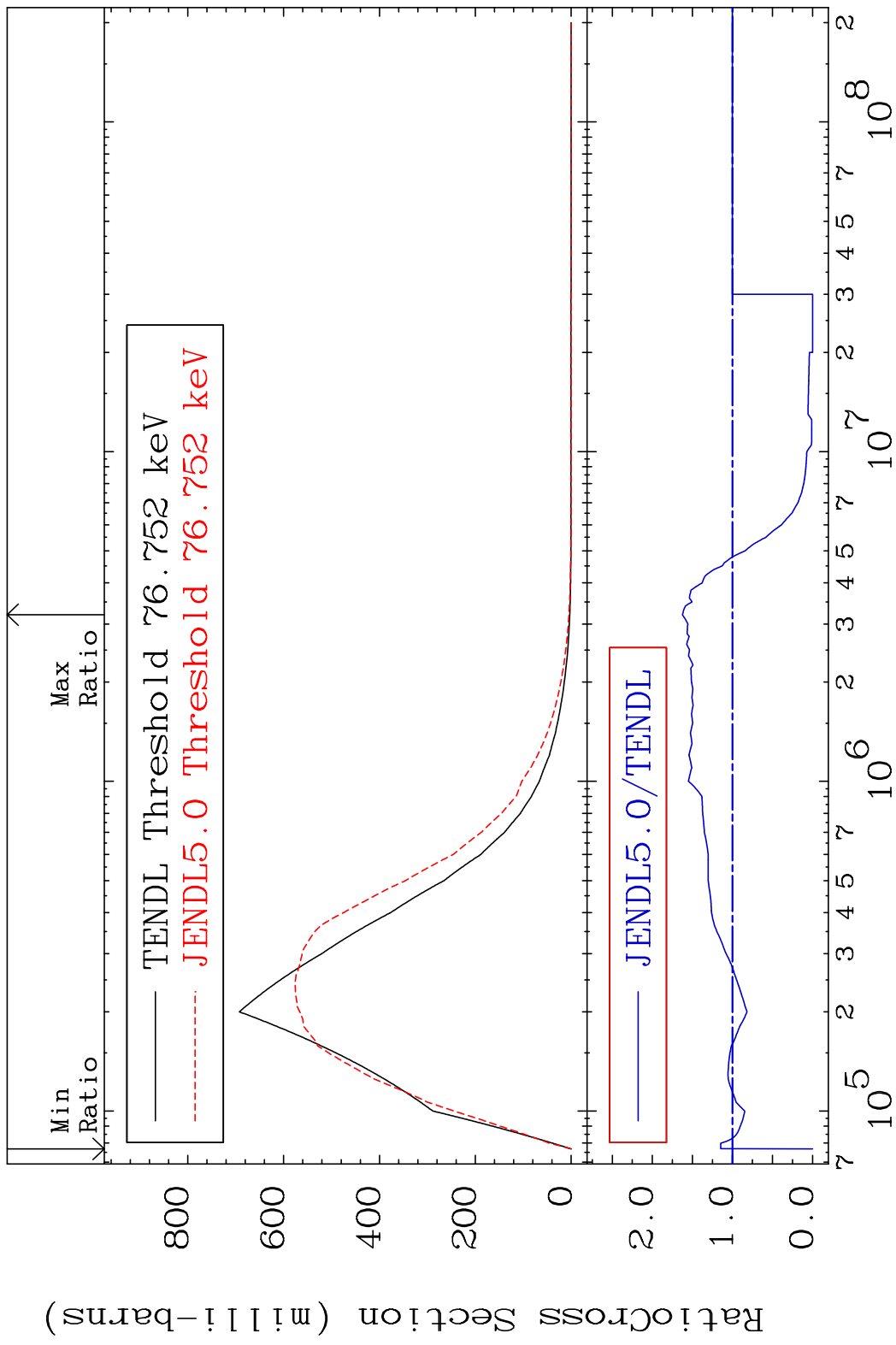
MAT 4522 (n,2n) p 45-Rh-102
 Cross Section -100.0 To 25.54 %



MAT 4522 MT= 51 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %

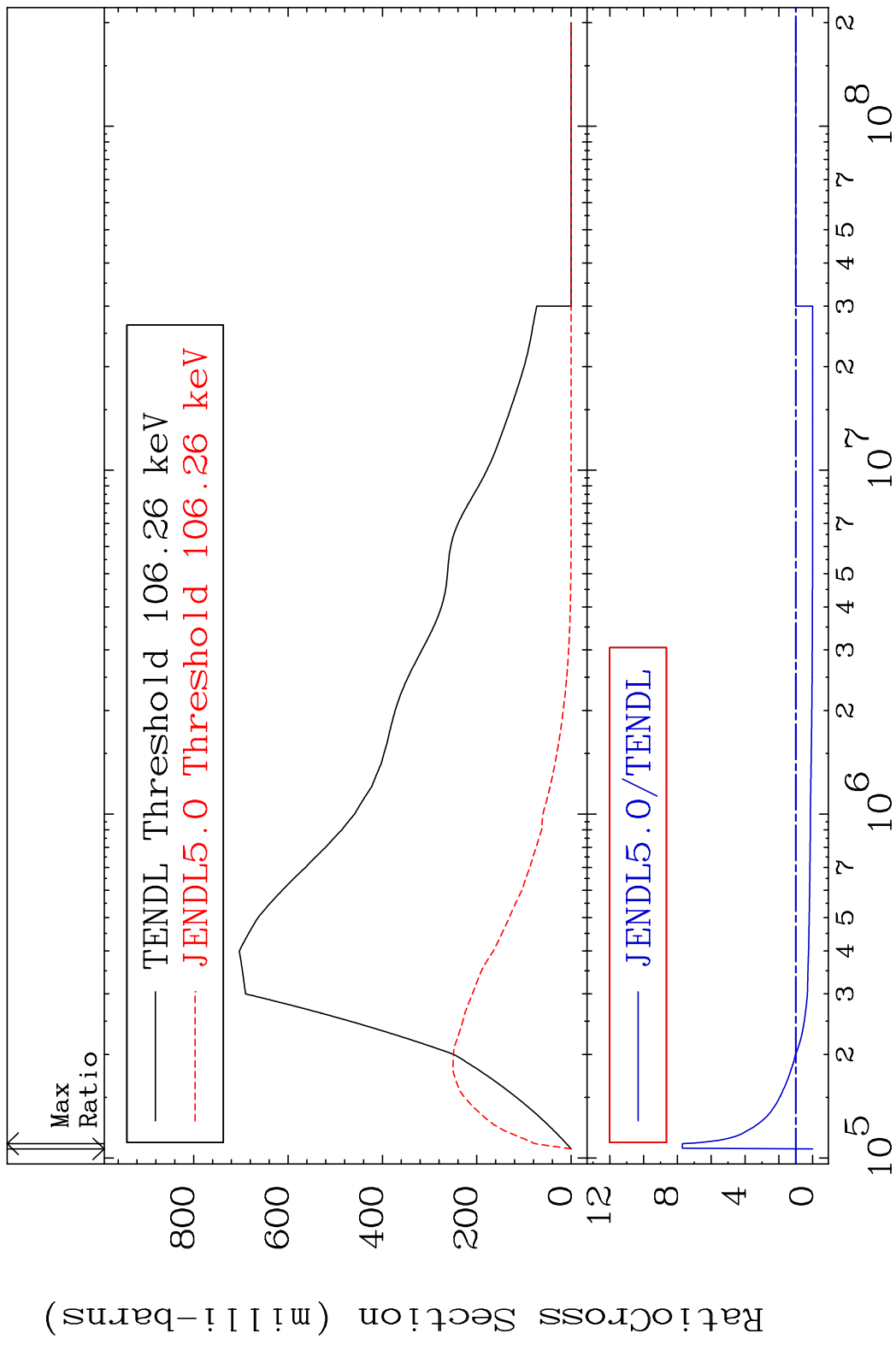


MAT 4522 MT= 52 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 62.52 %

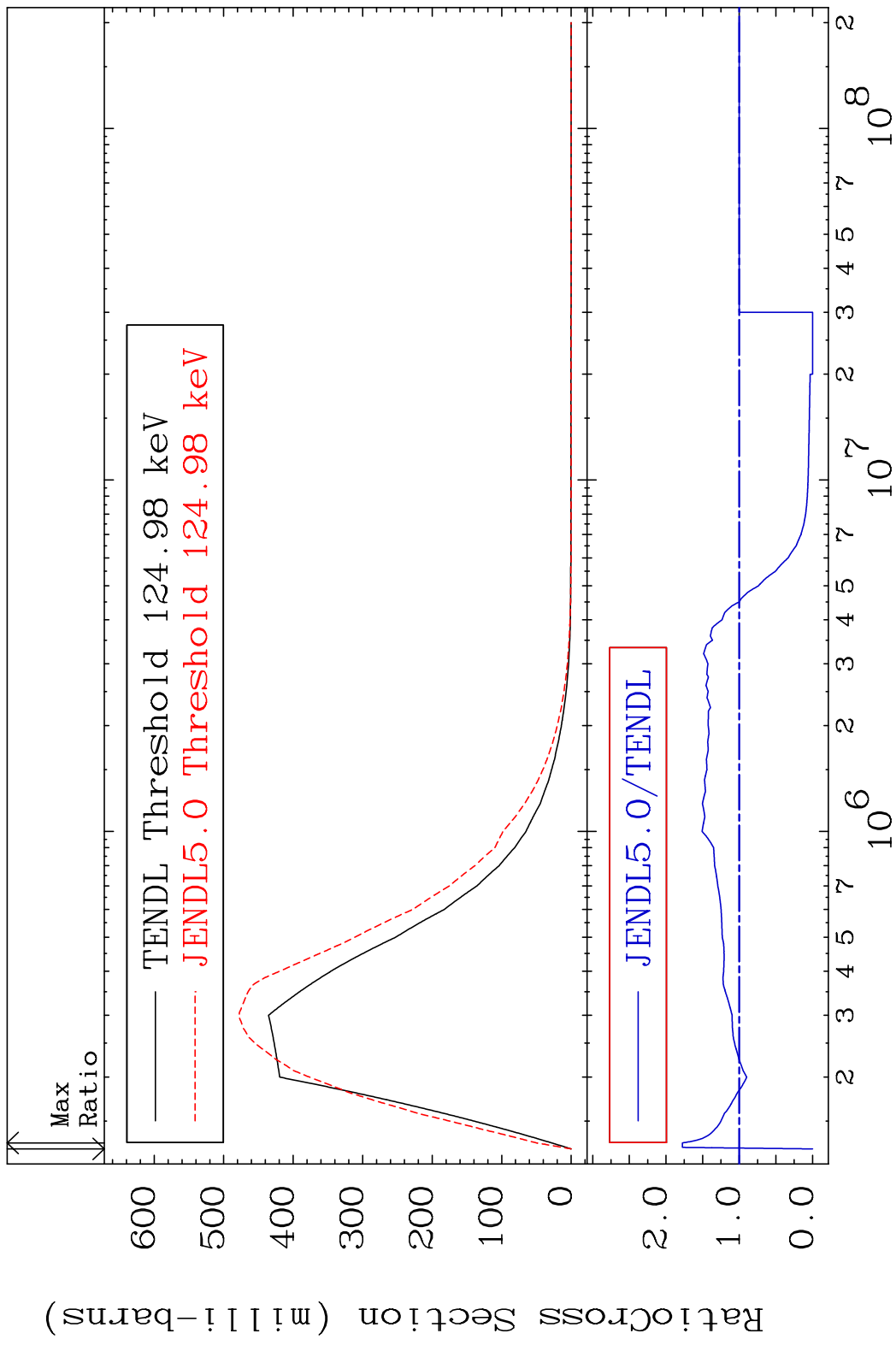


14 45-Rh-102

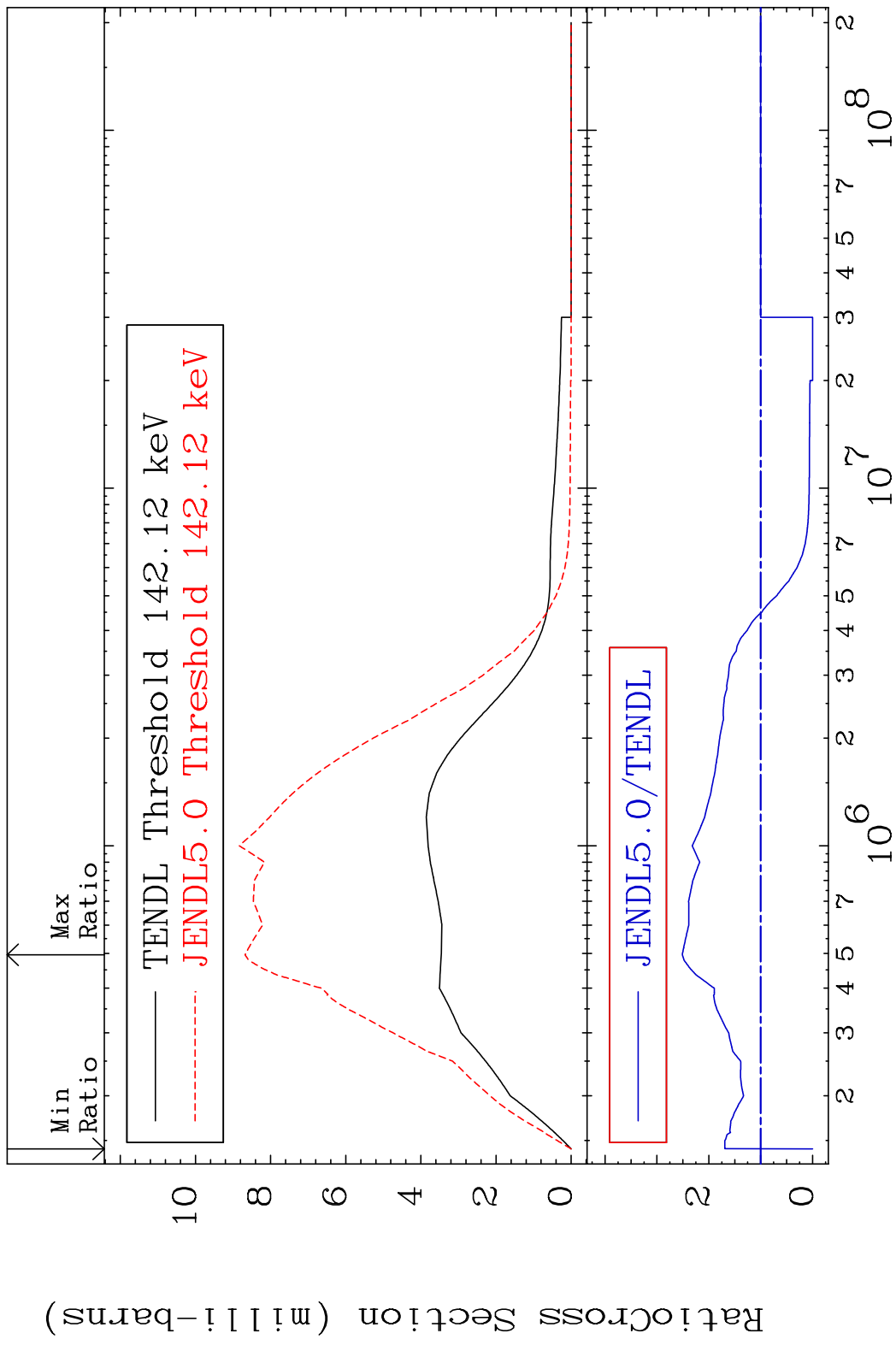
MAT 4522 MT= 53 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 670.9 %



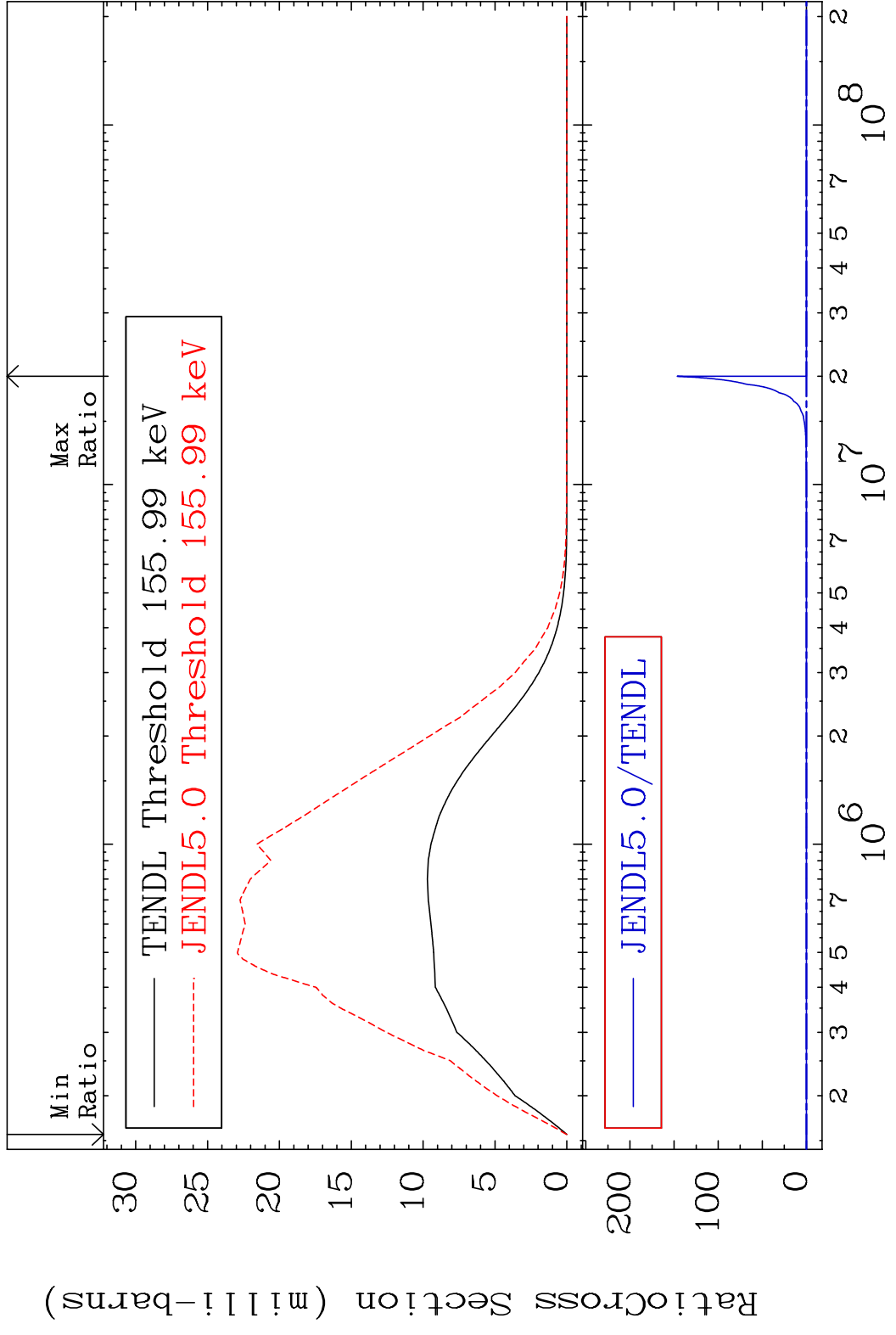
MAT 4522 MT= 54 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 77.66 %



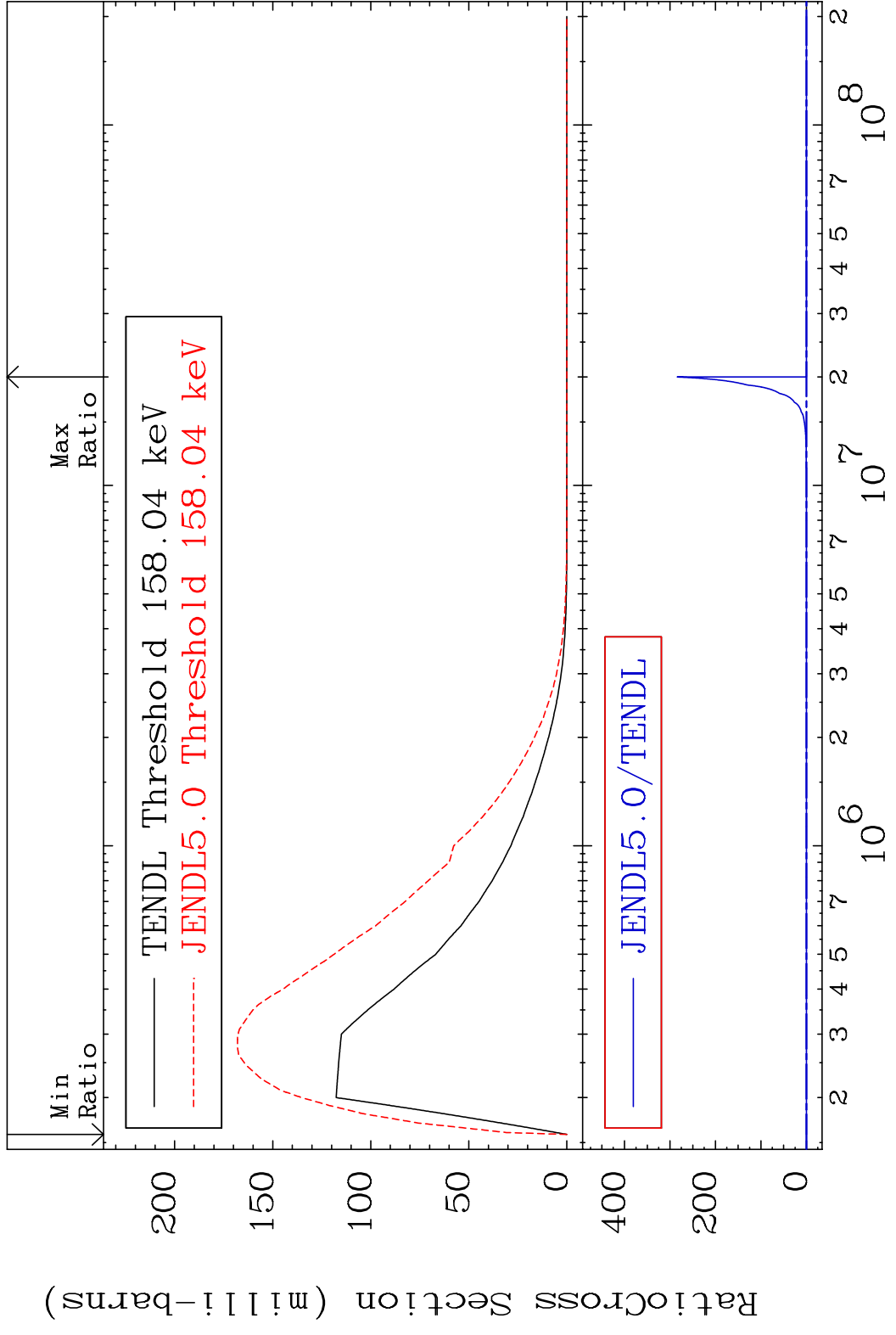
MAT 4522 MT= 55 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 151.0 %



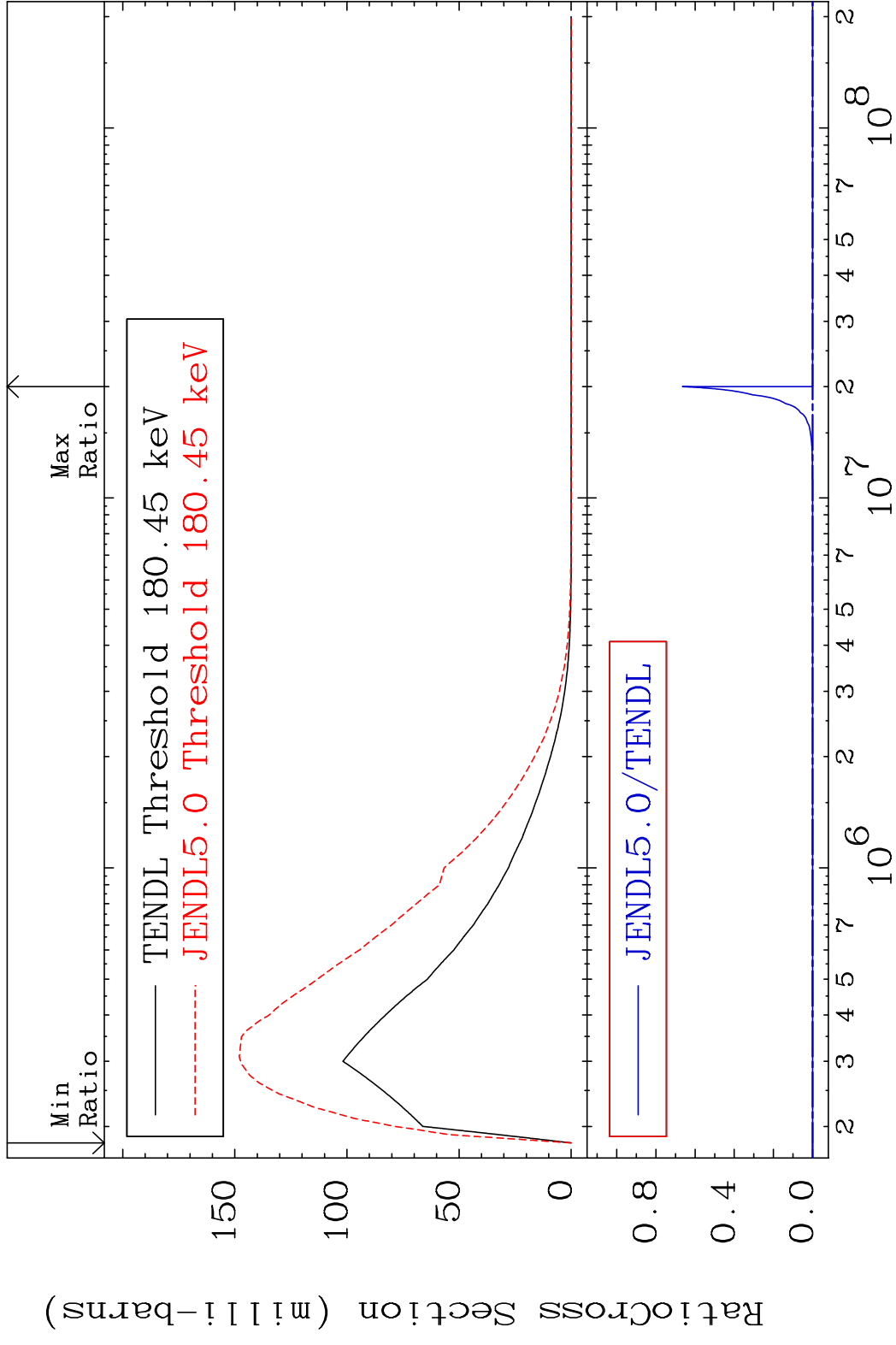
MAT 4522 MT= 56 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



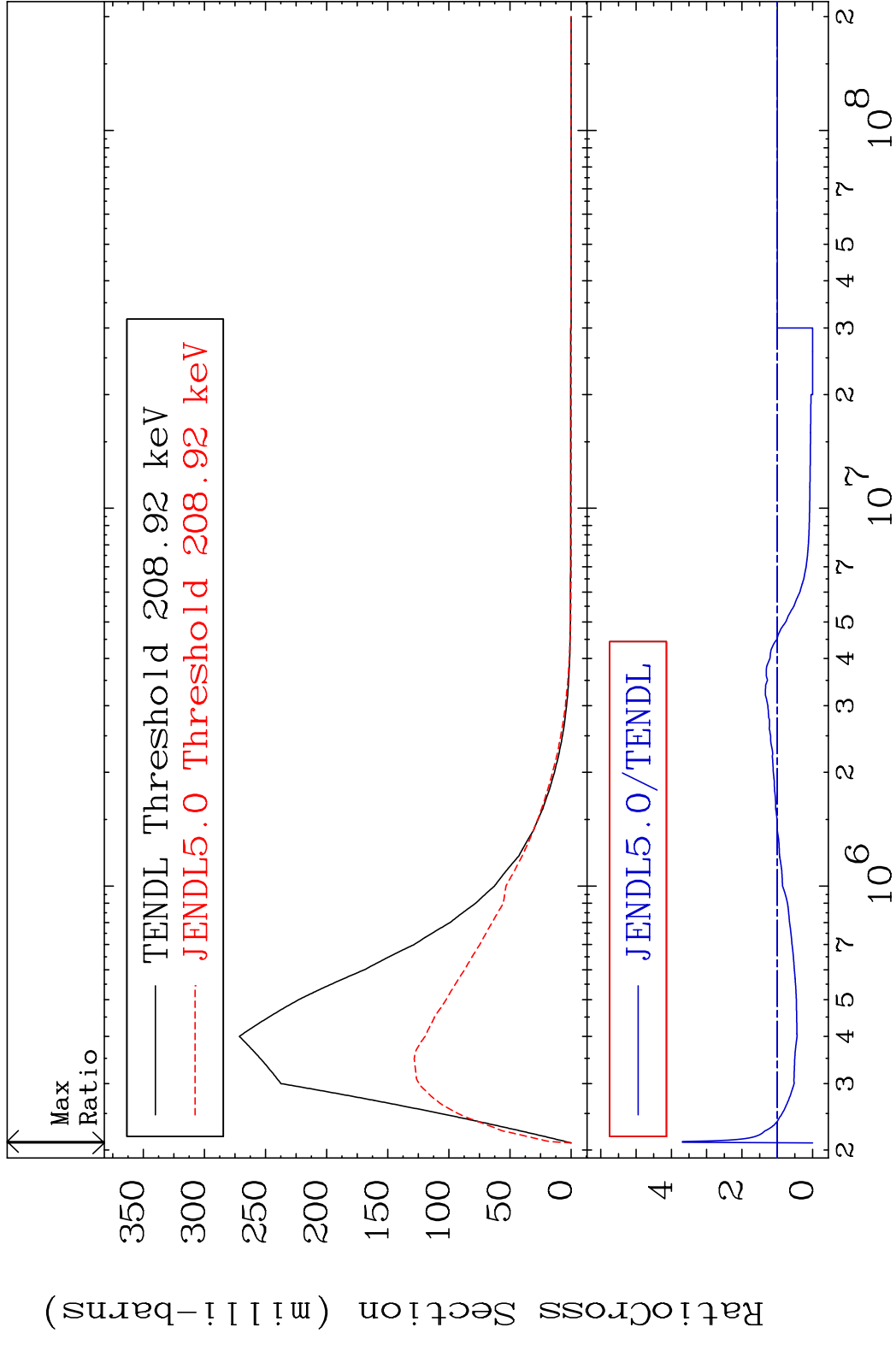
MAT 4522 MT= 57 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



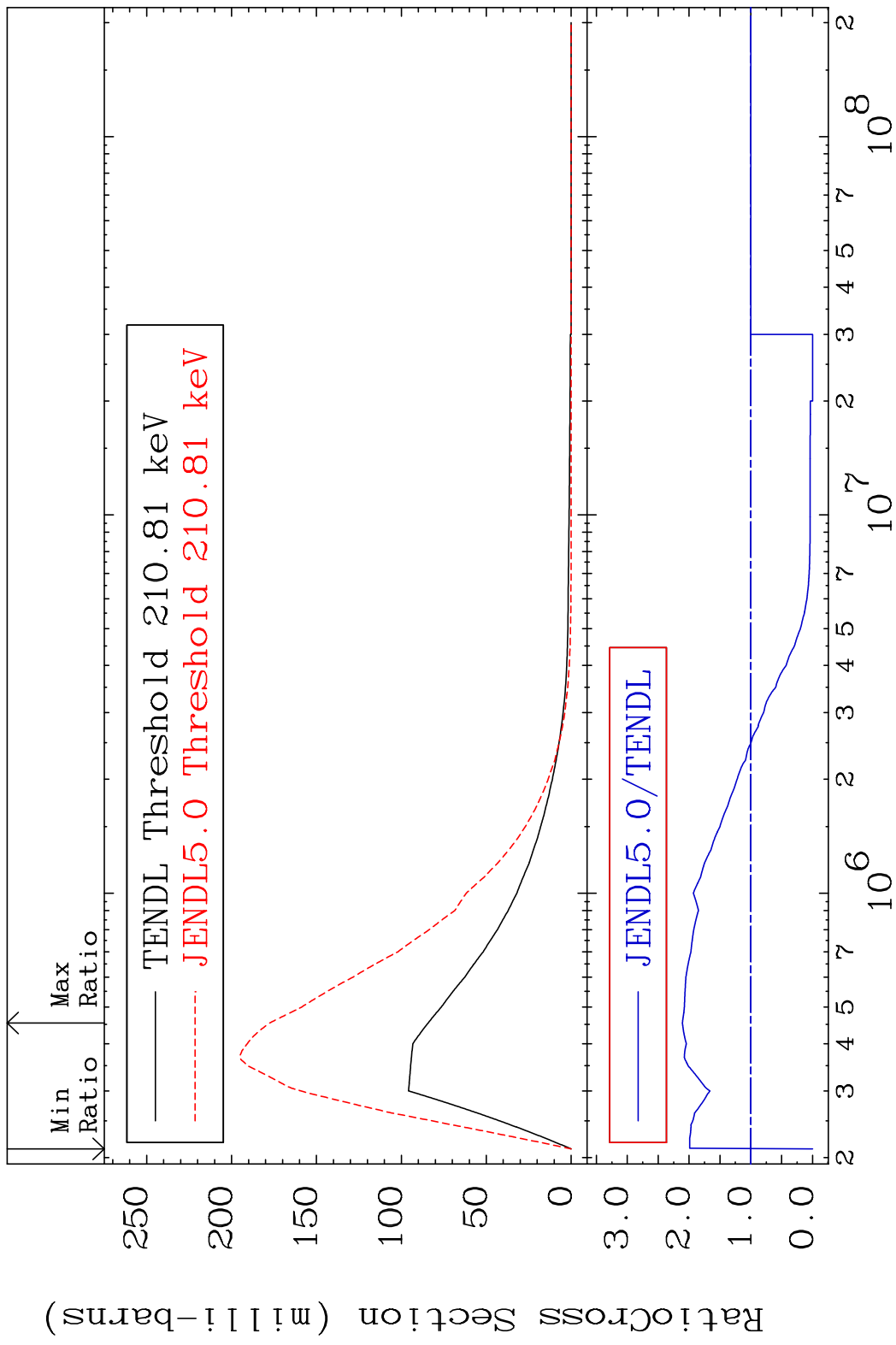
MAT 4522 MT= 58 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



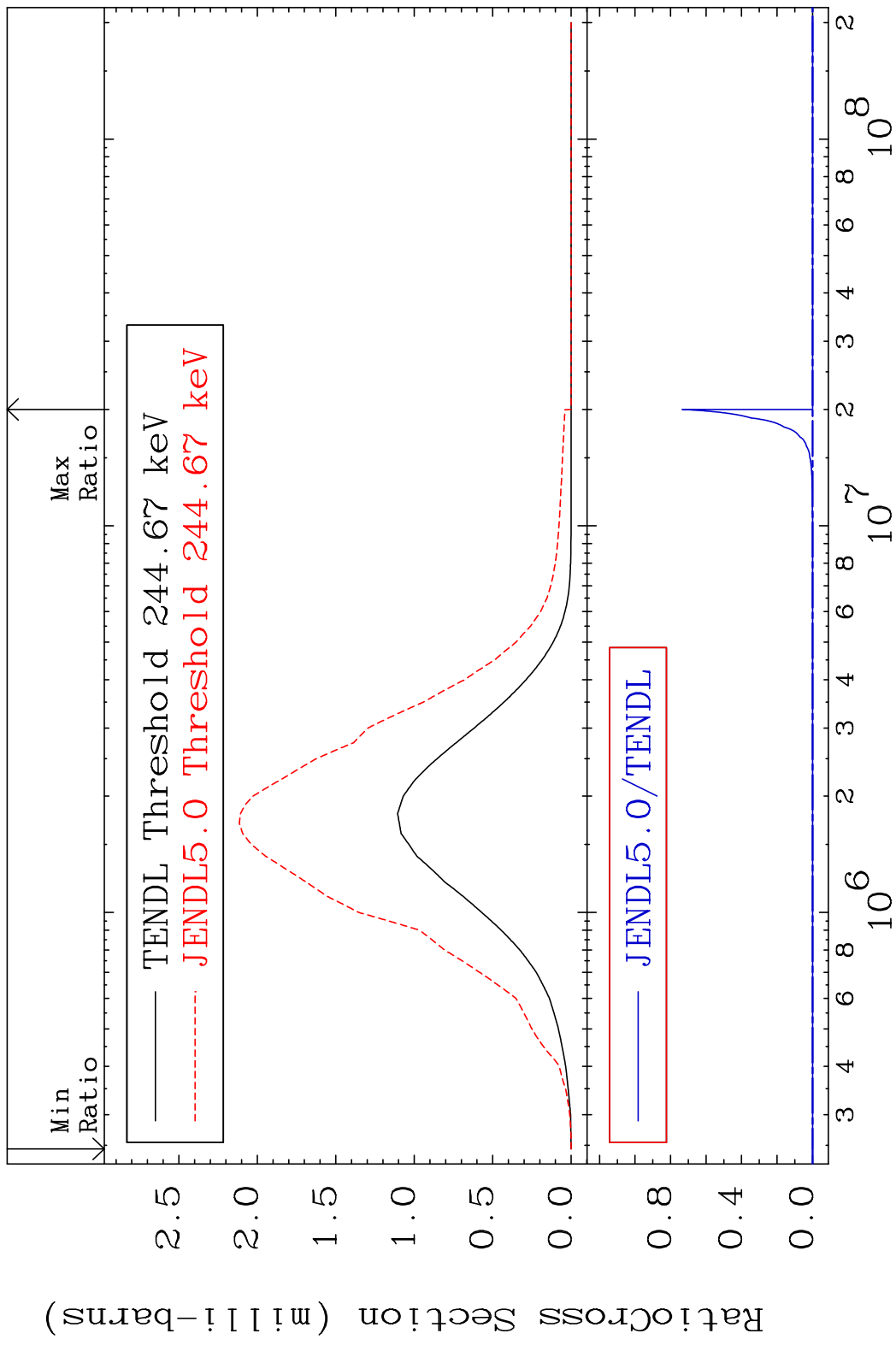
MAT 4522 MT= 59 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 268.9 %



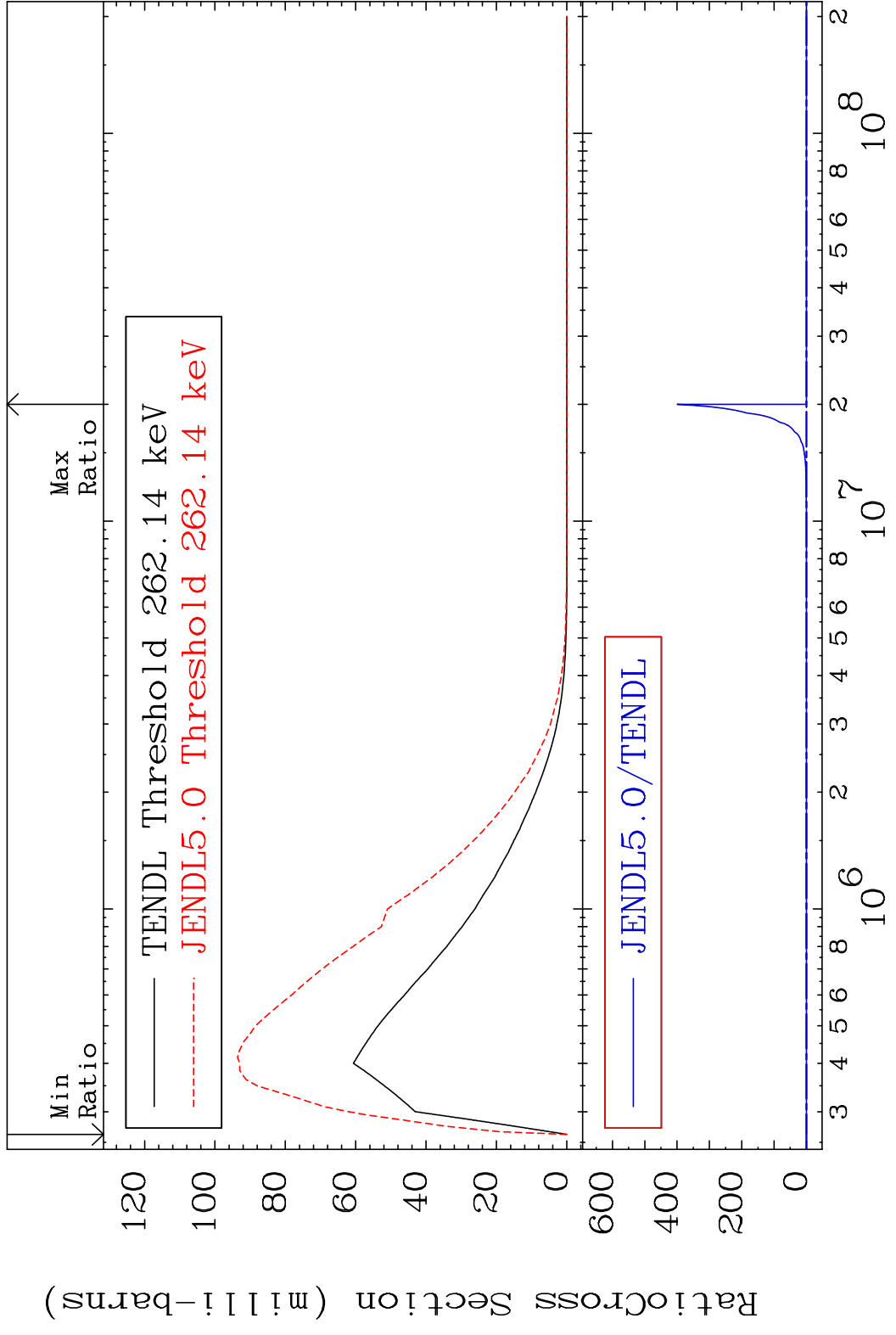
MAT 4522 MT= 60 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 110.8 %



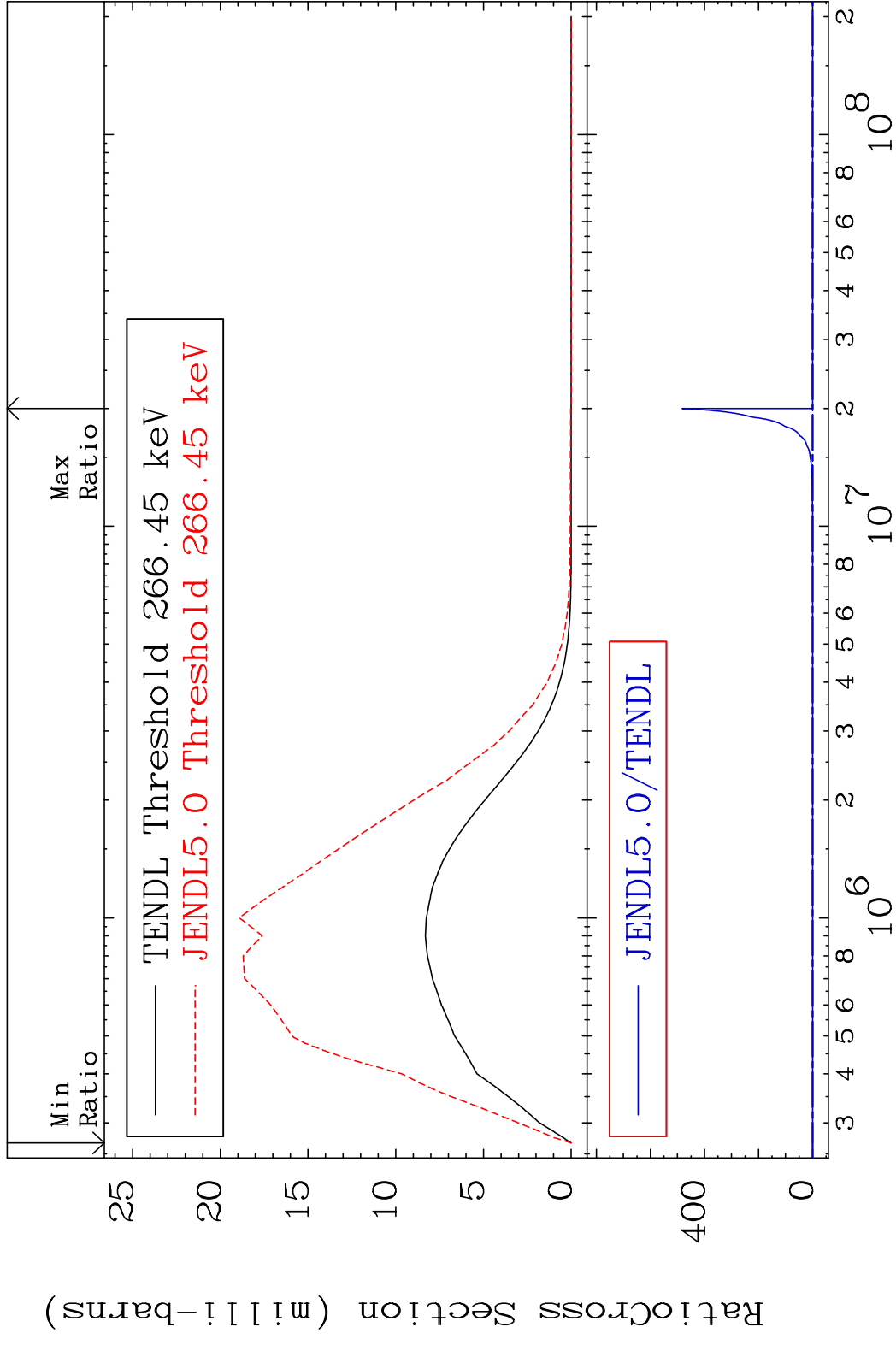
MAT 4522 MT= 61 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



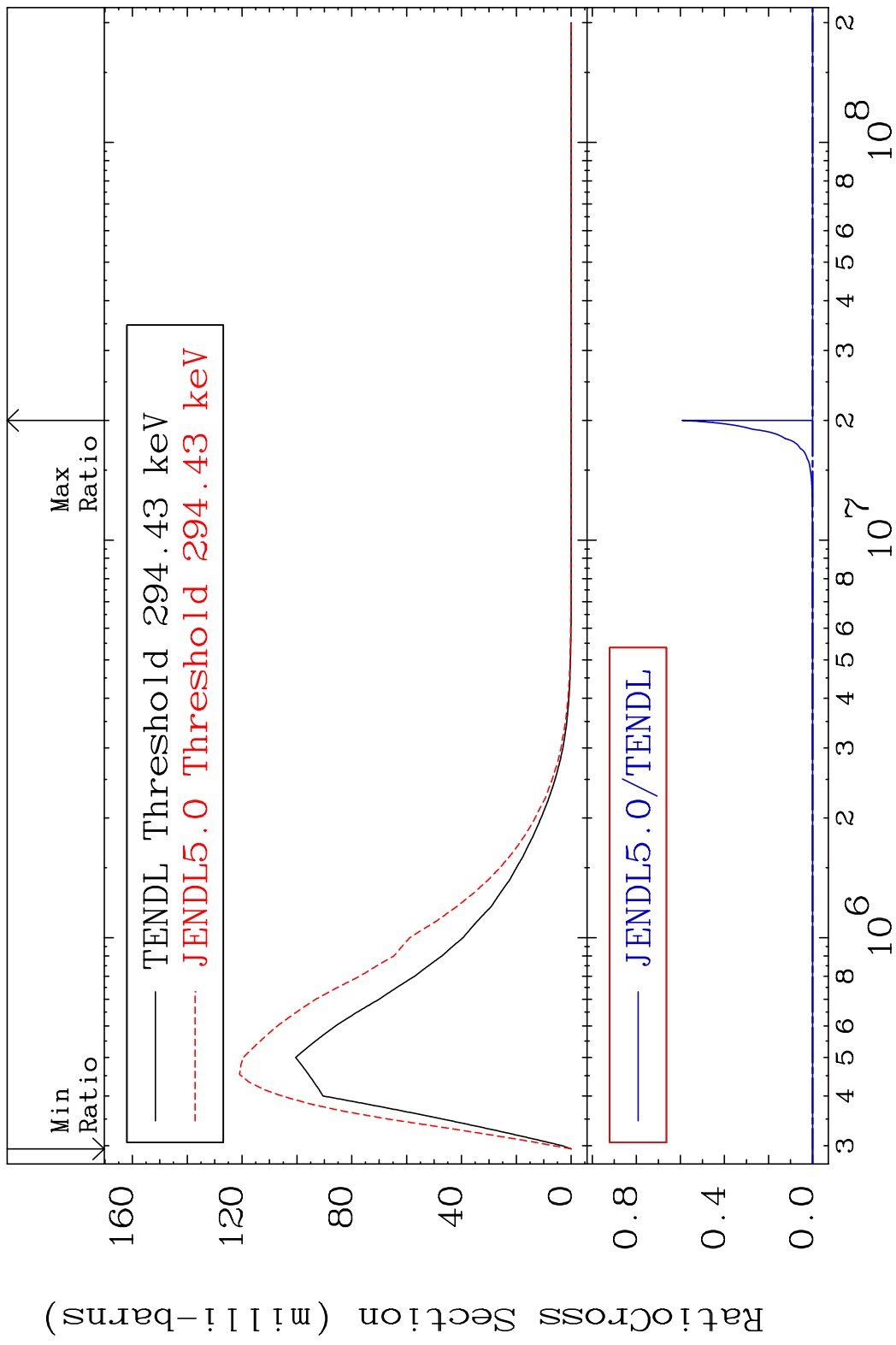
MAT 4522 MT= 62 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



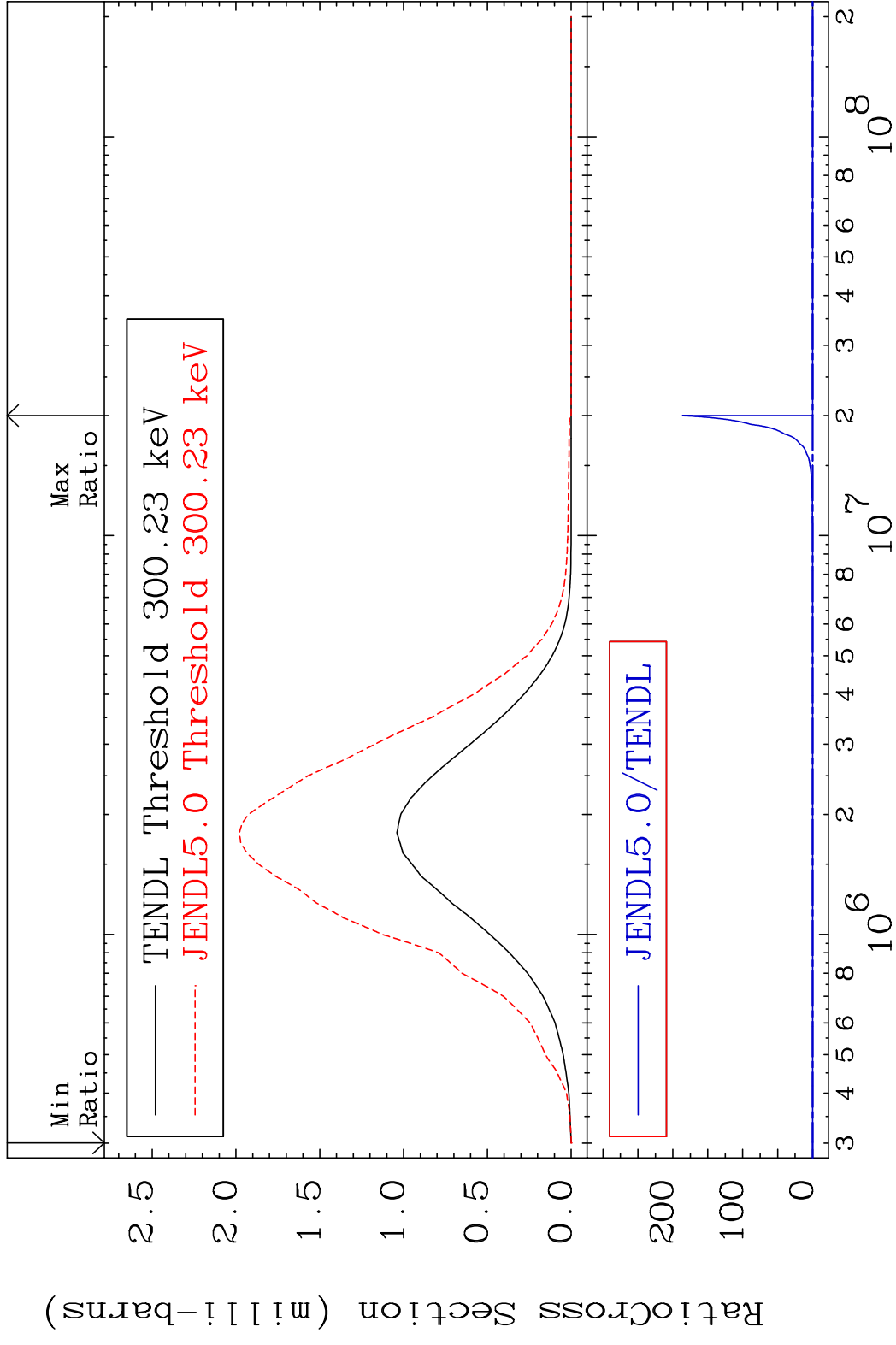
MAT 4522 MT= 63 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



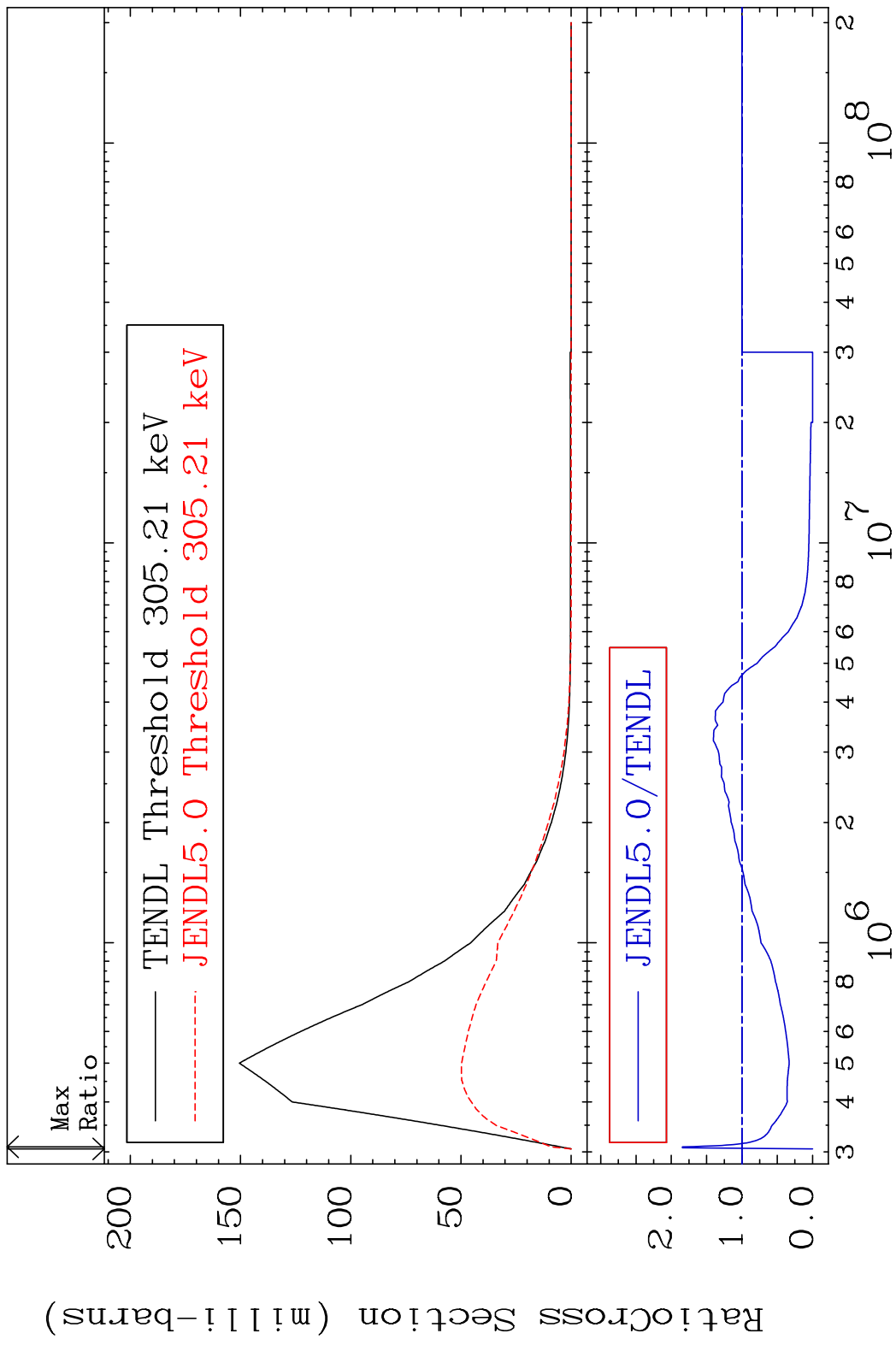
MAT 4522 MT= 64 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



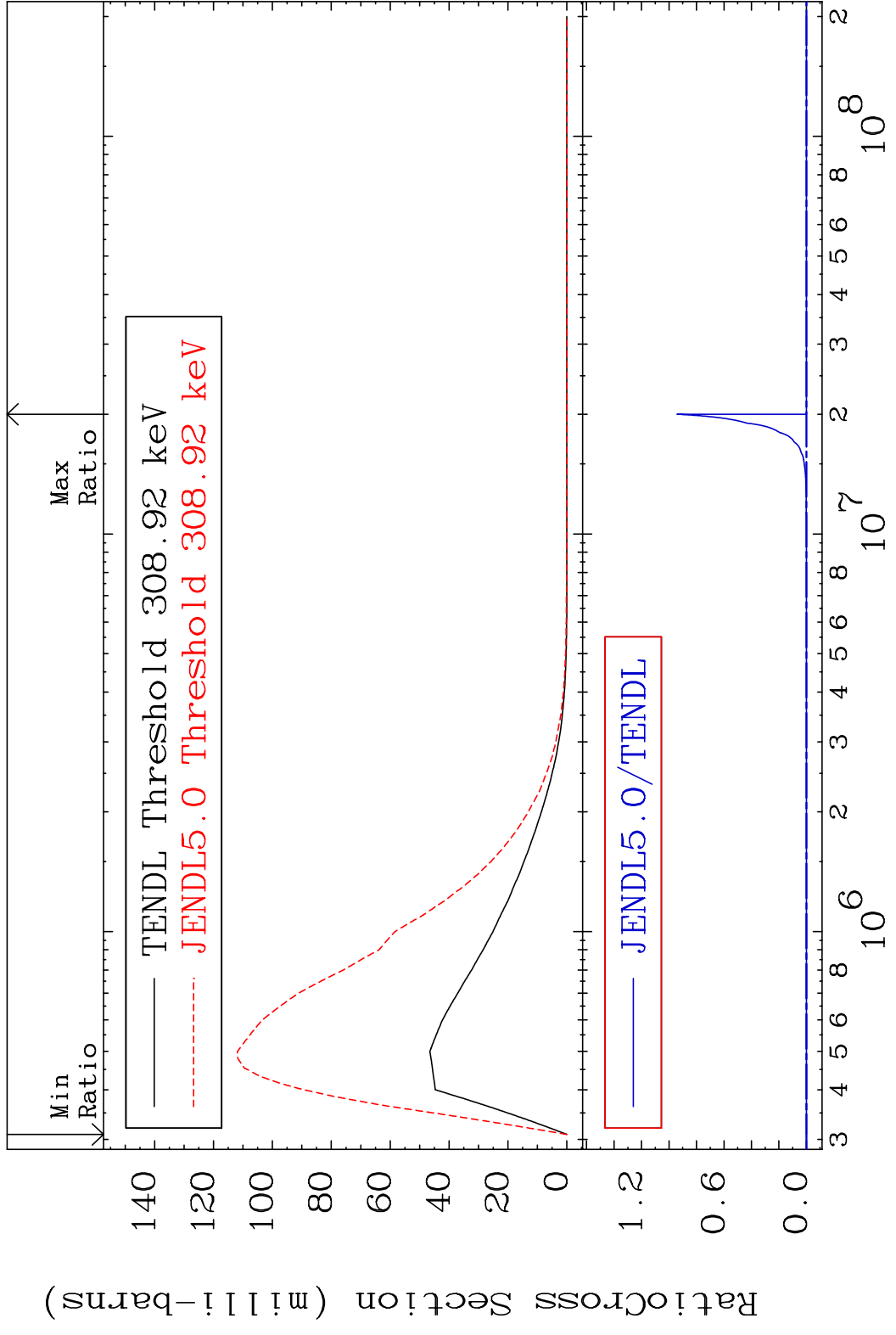
MAT 4522 MT= 65 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



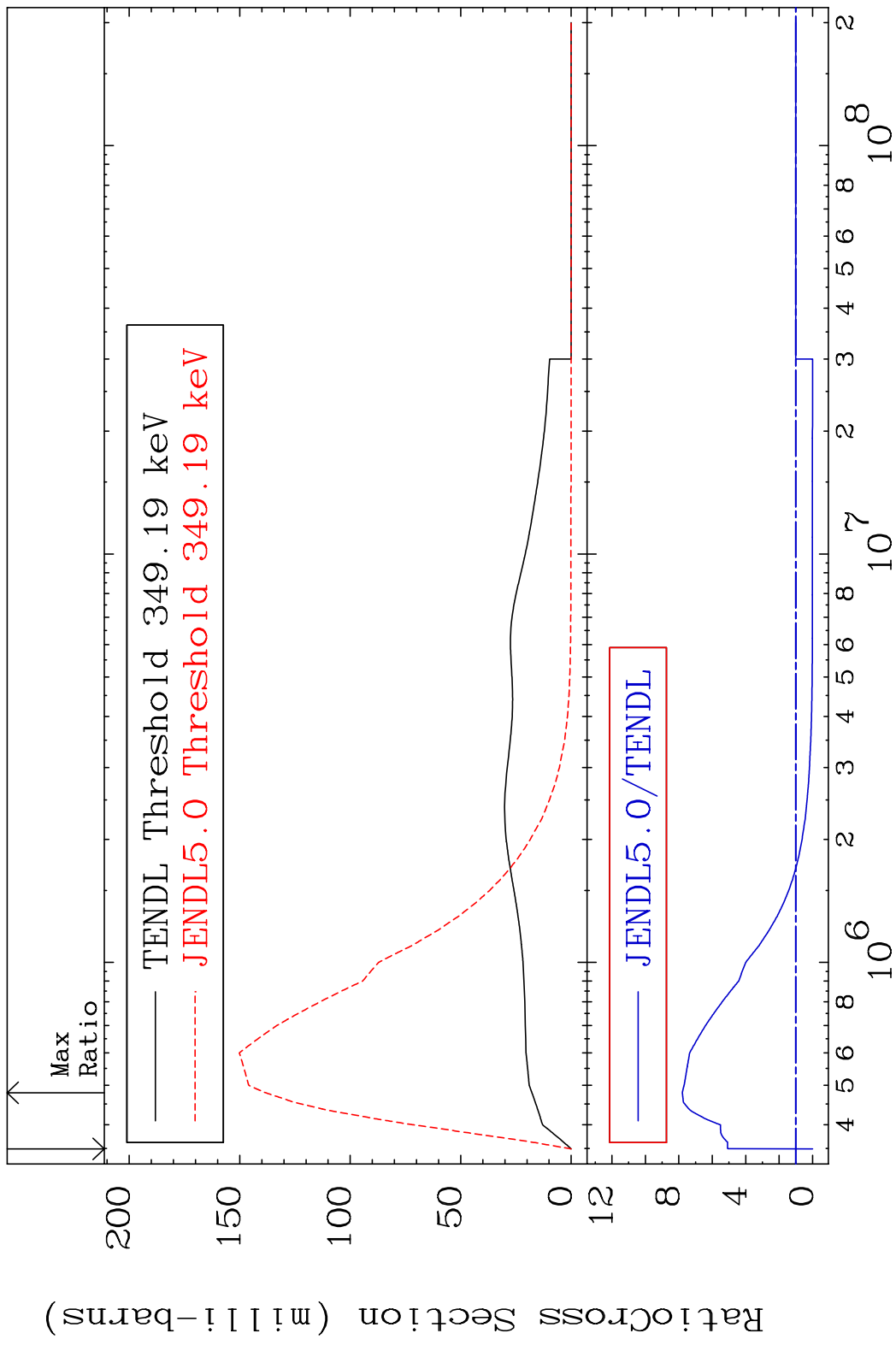
MAT 4522 MT= 66 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 84.36 %



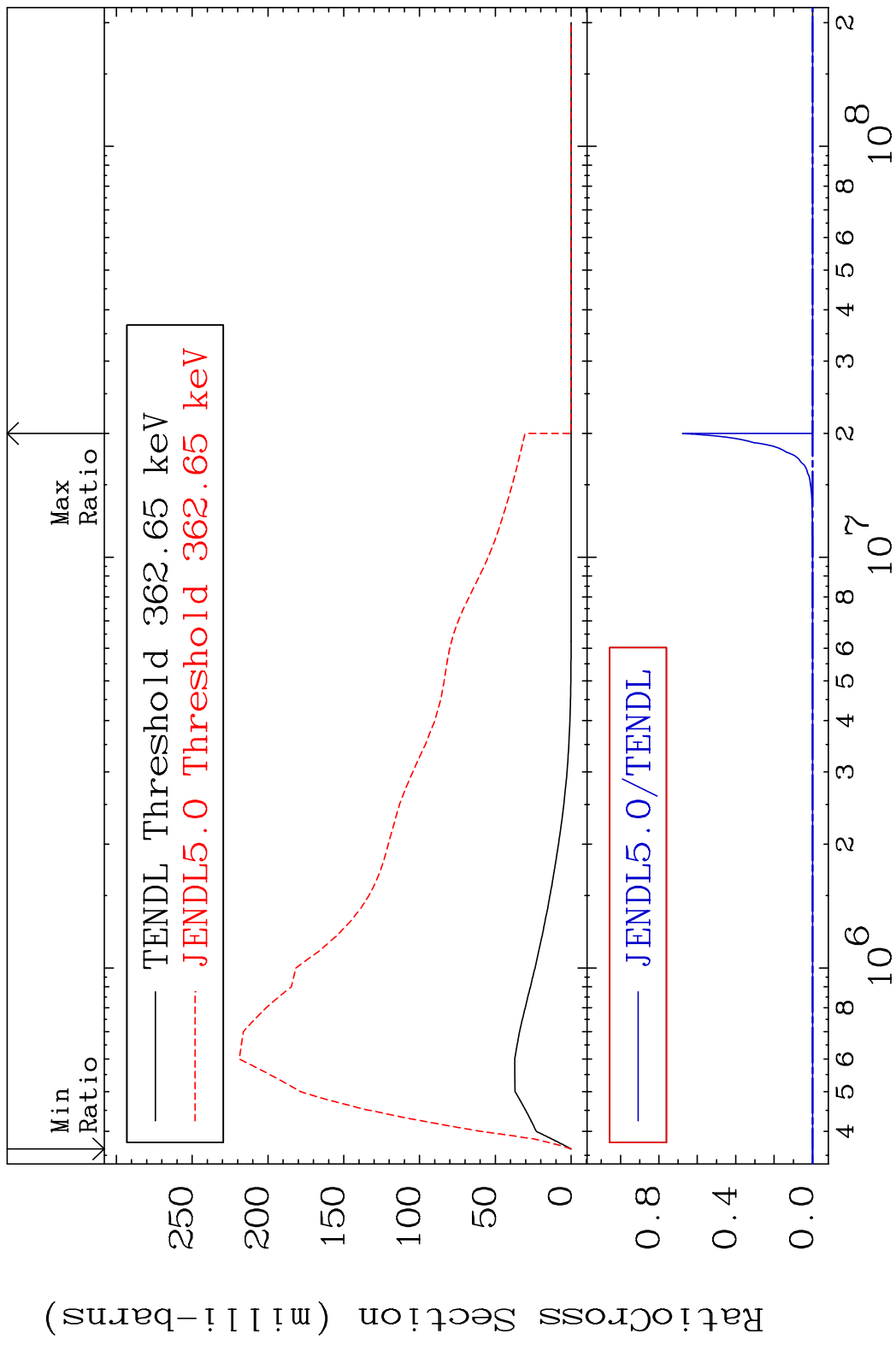
MAT 4522 MT= 67 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



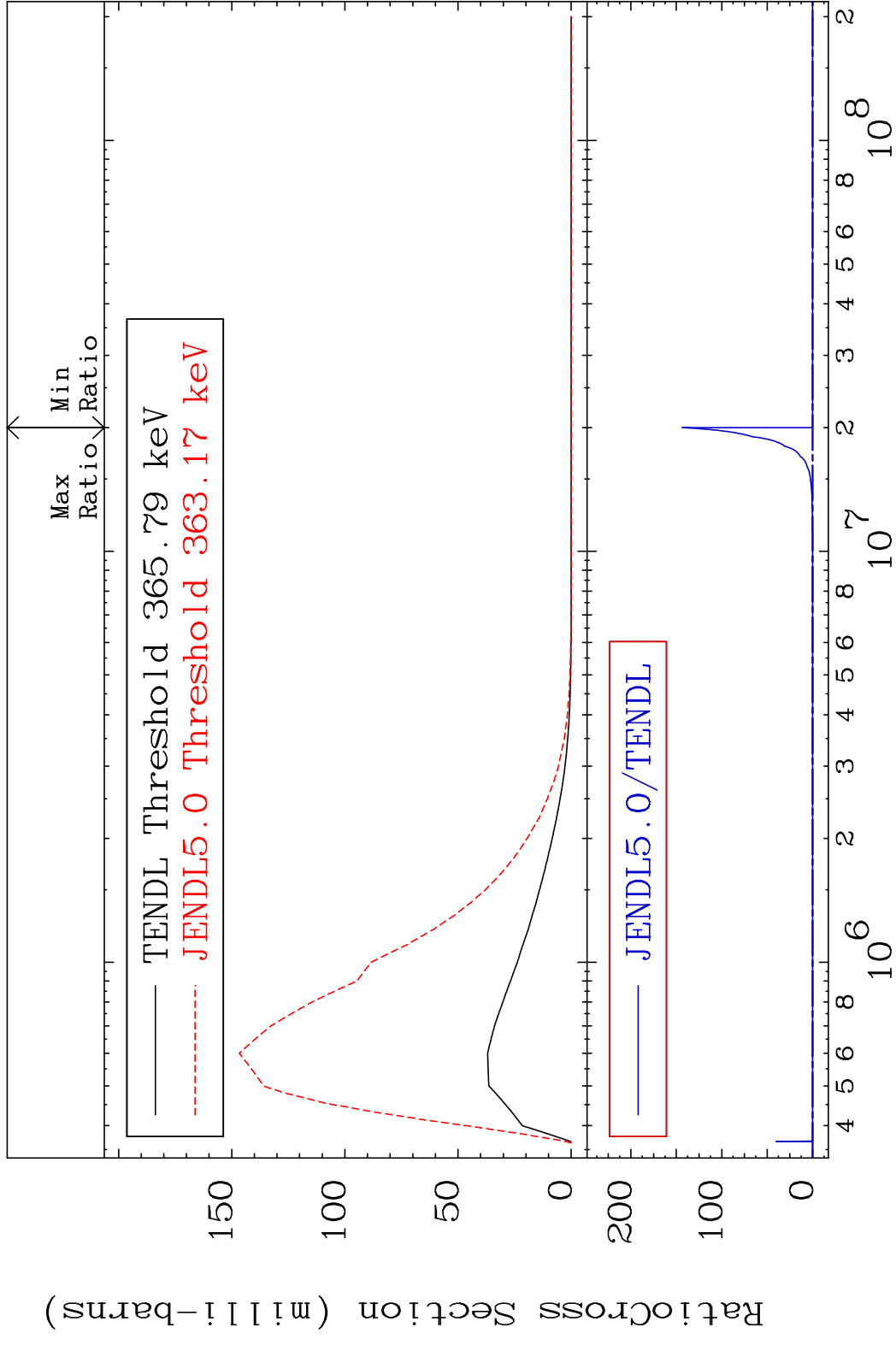
MAT 4522 MT= 68 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 678.7 %



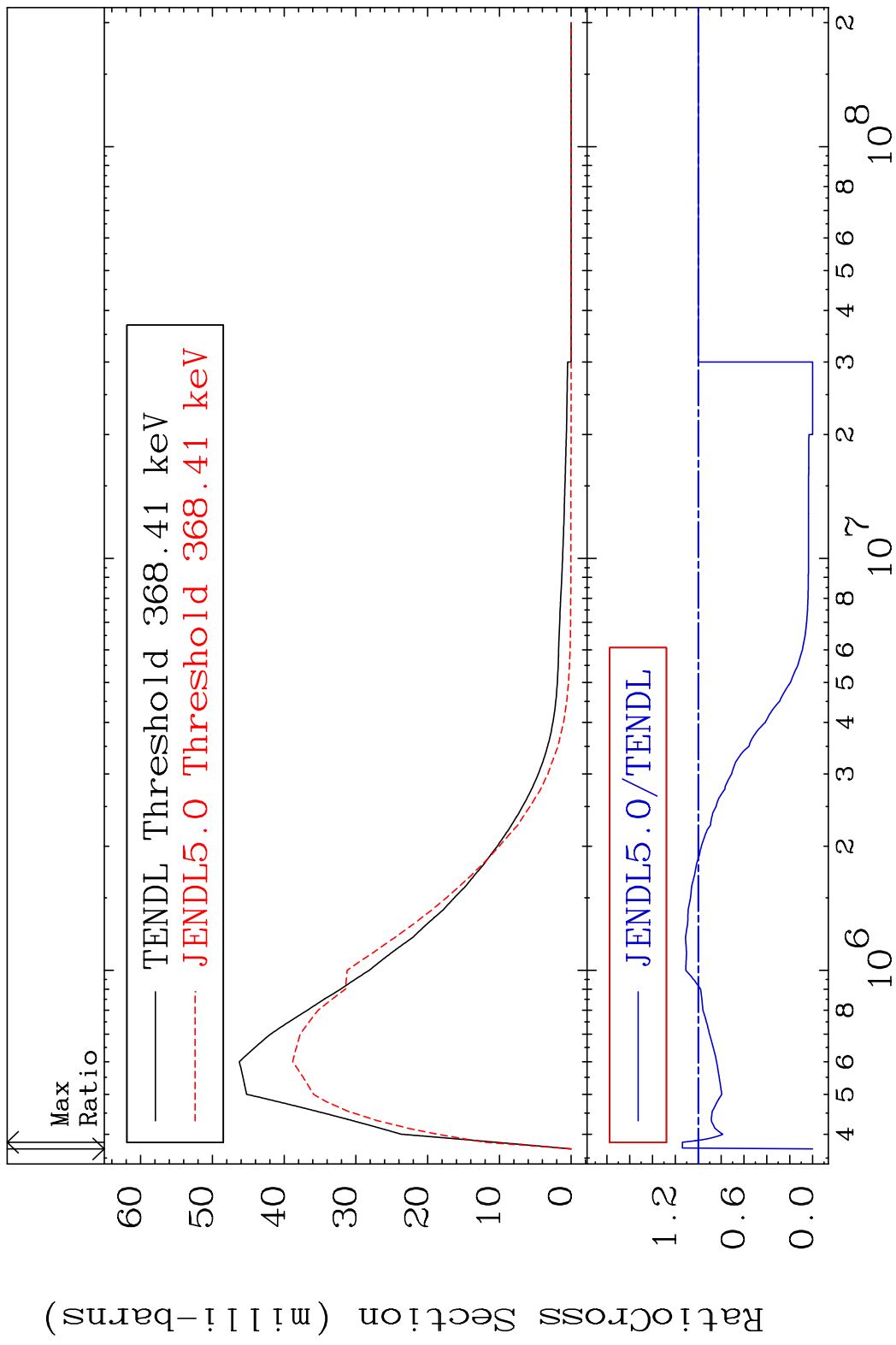
MAT 4522 MT= 69 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



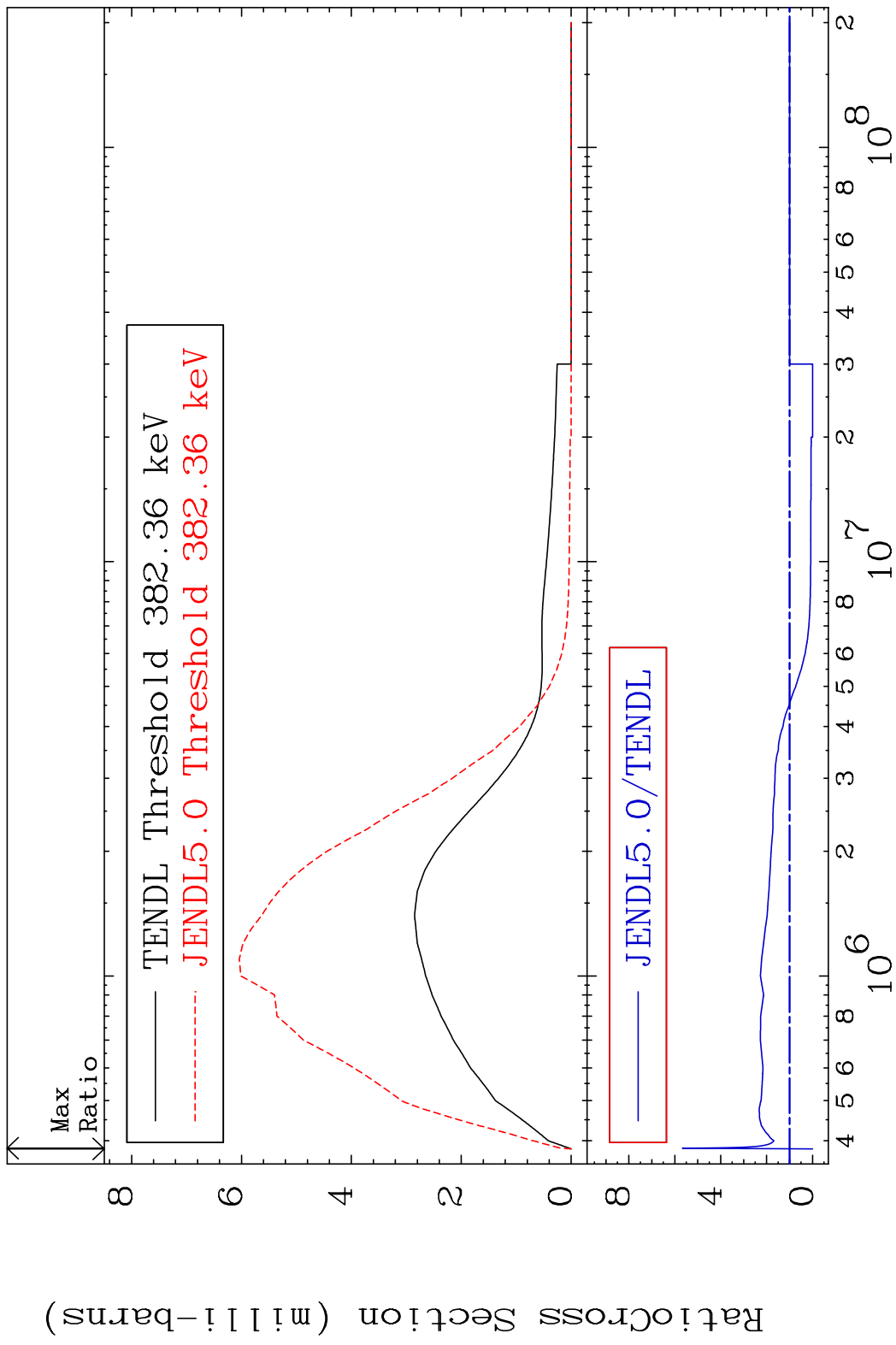
MAT 4522 MT= 70 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 9999. %



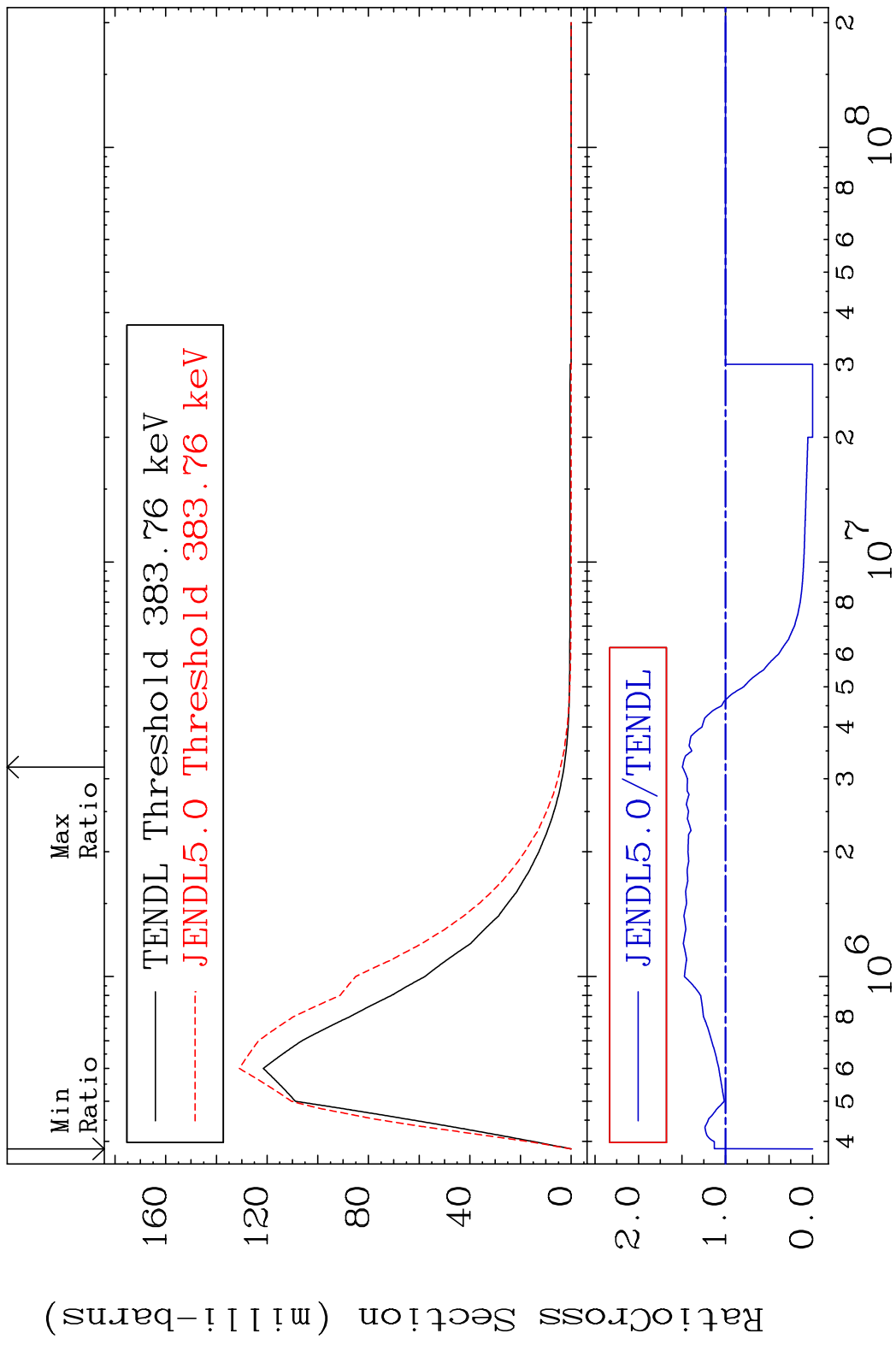
MAT 4522 MT= 71 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 13.90 %



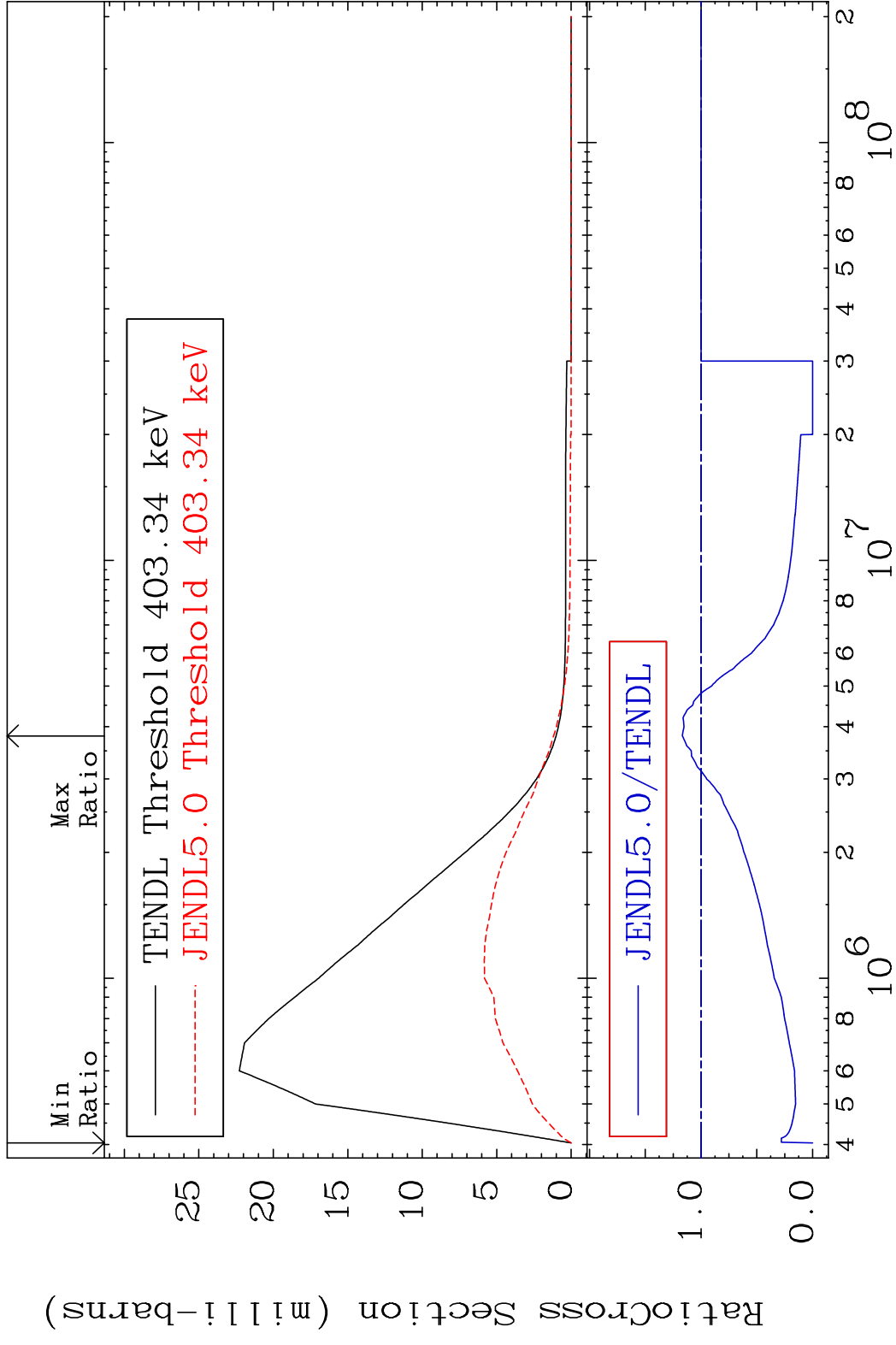
MAT 4522 MT= 72 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 467.0 %



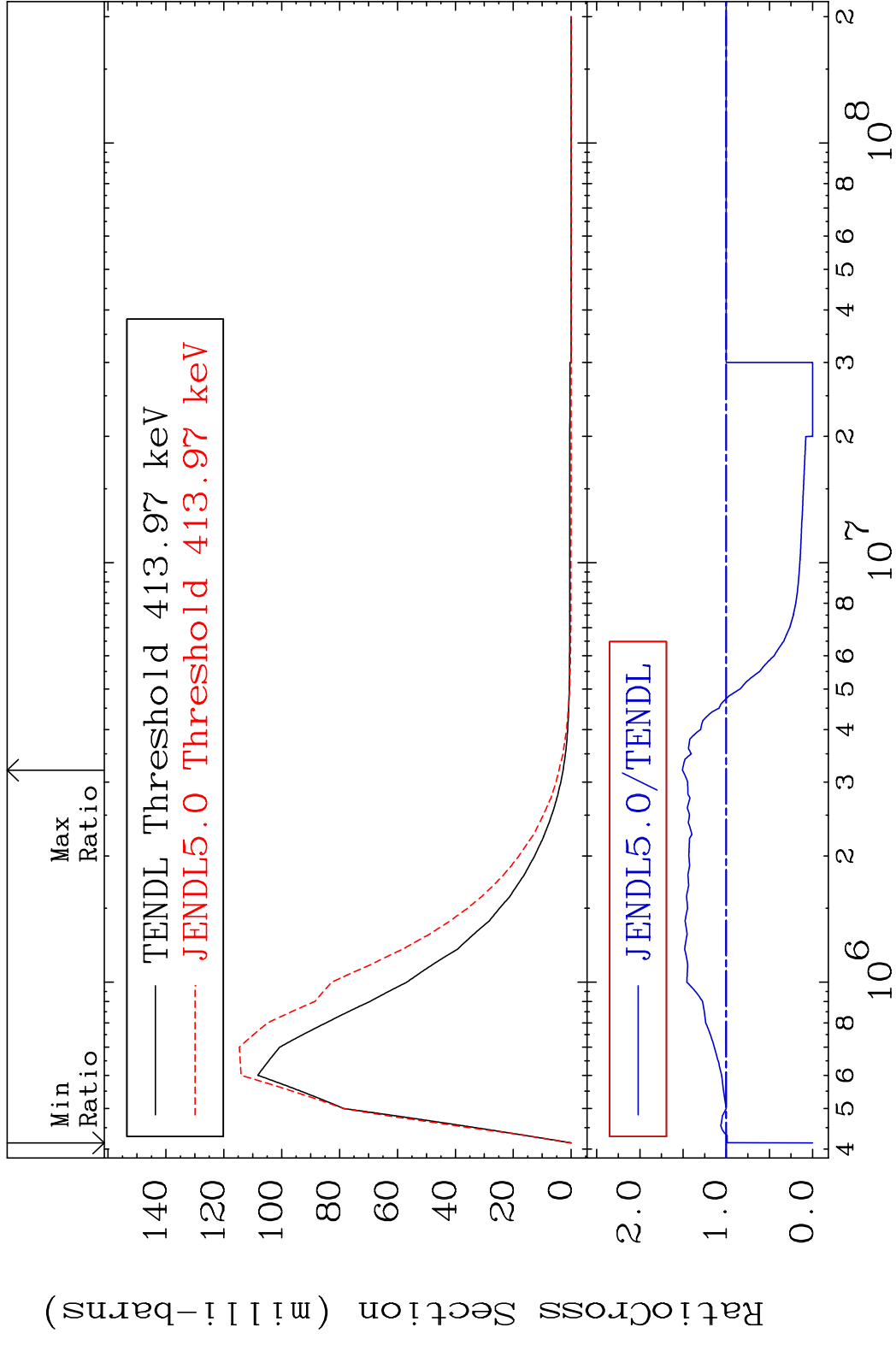
MAT 4522 MT= 73 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 49.63 %



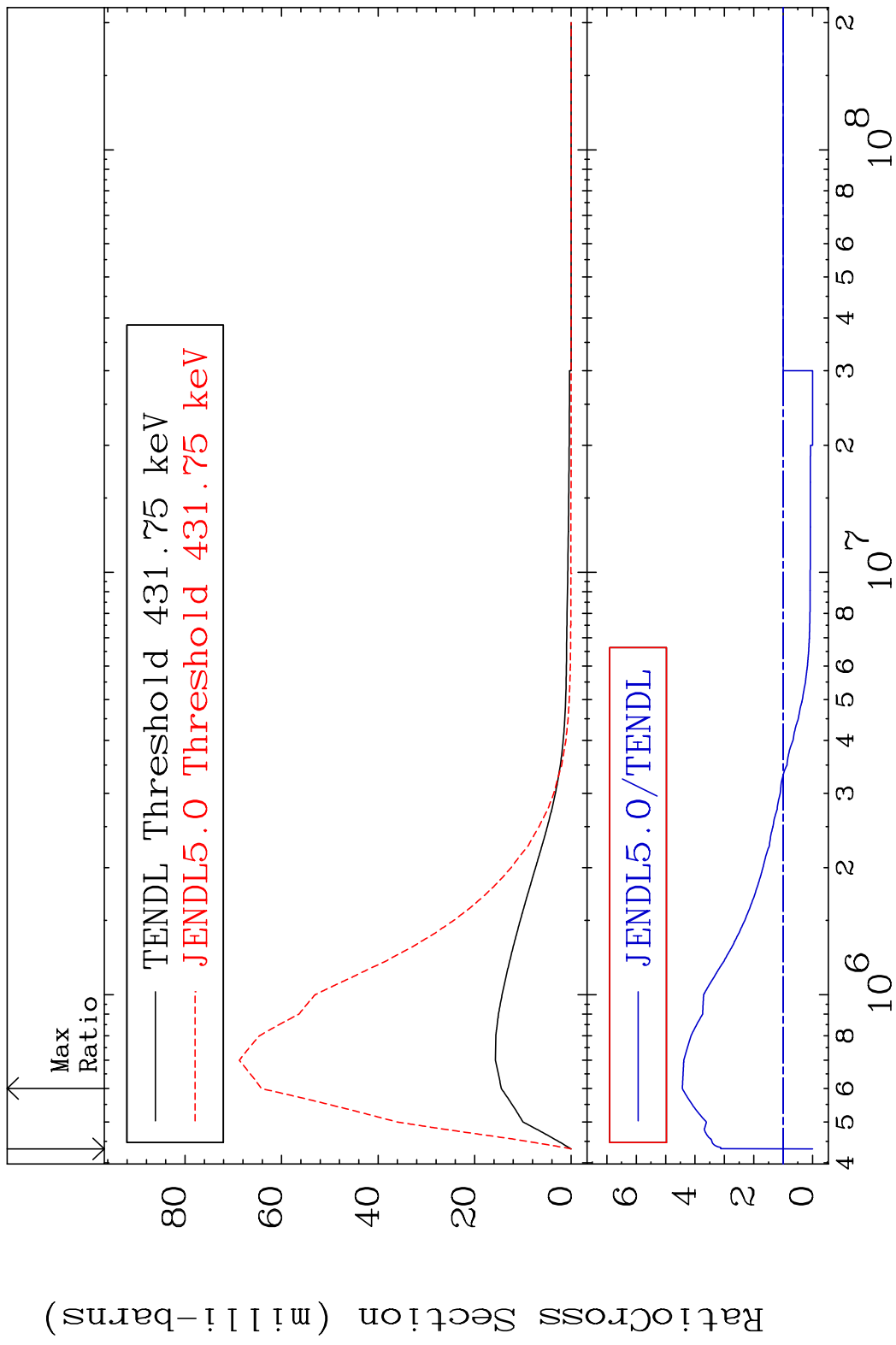
MAT 4522 MT= 74 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 16.76 %



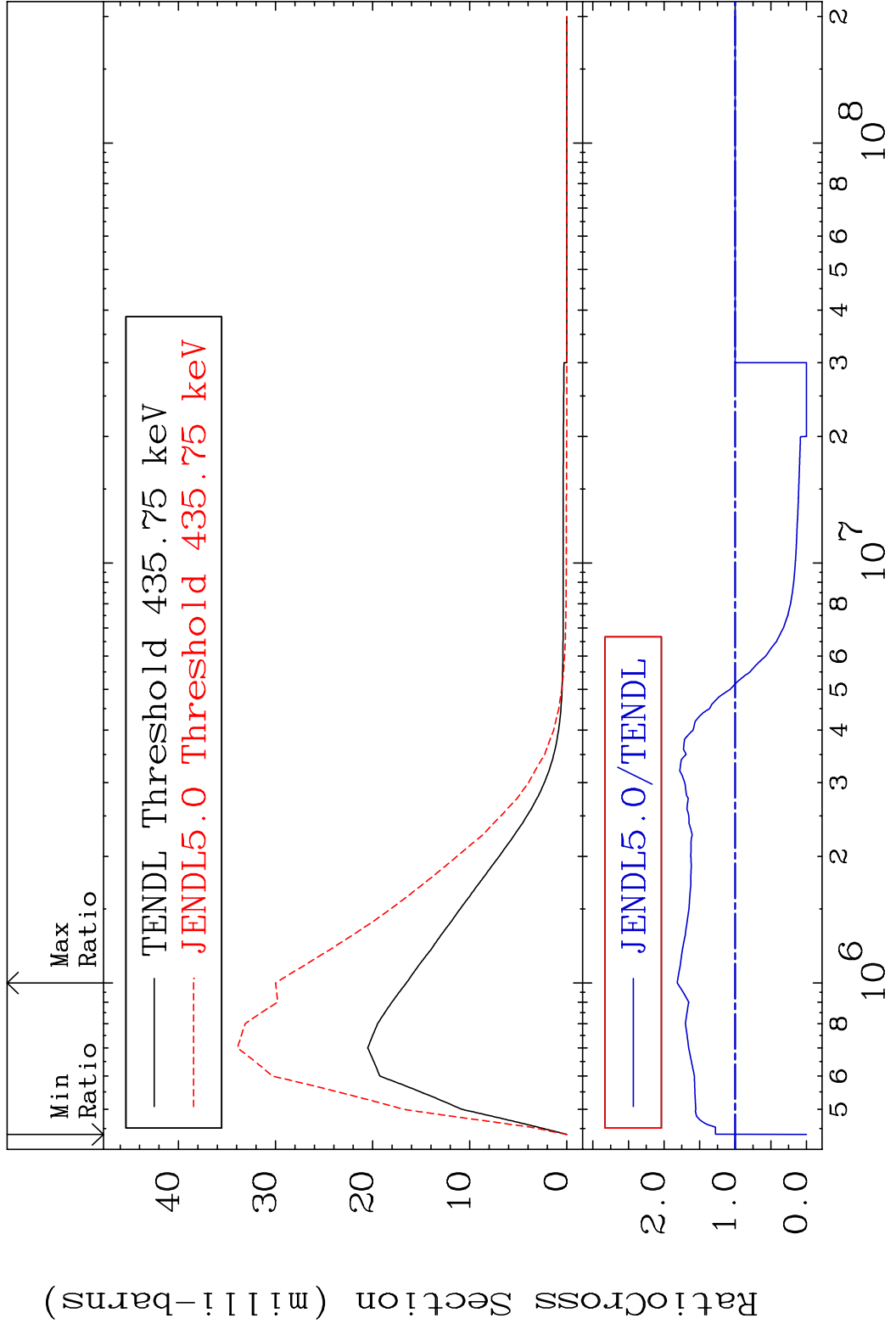
MAT 4522 MT= 75 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 50.82 %



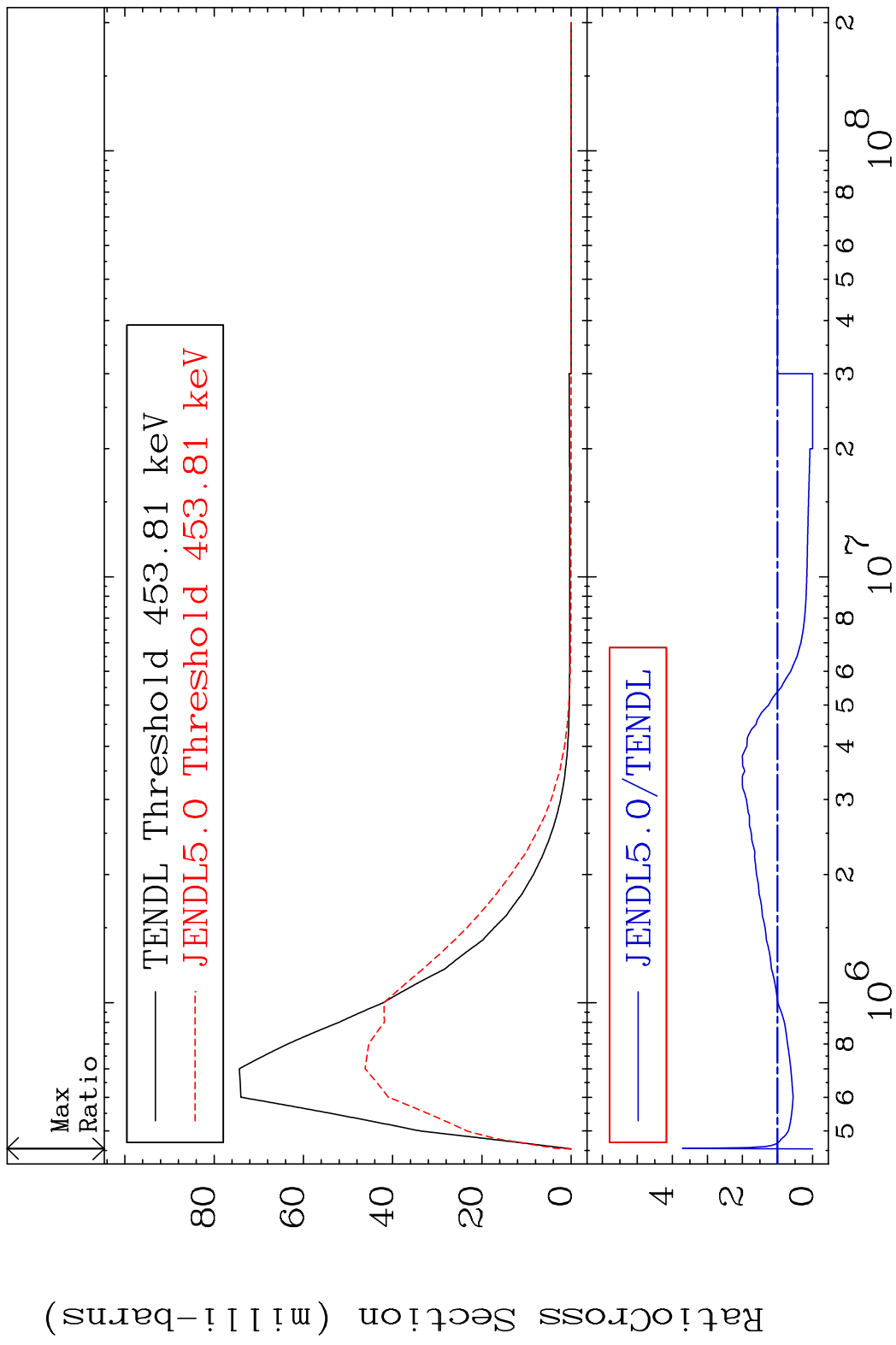
MAT 4522 MT= 76 (n,n') Level 45-Rh-102
 Cross Section -100.0 To 343.2 %



MAT 4522 MT= 77 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 81.54 %

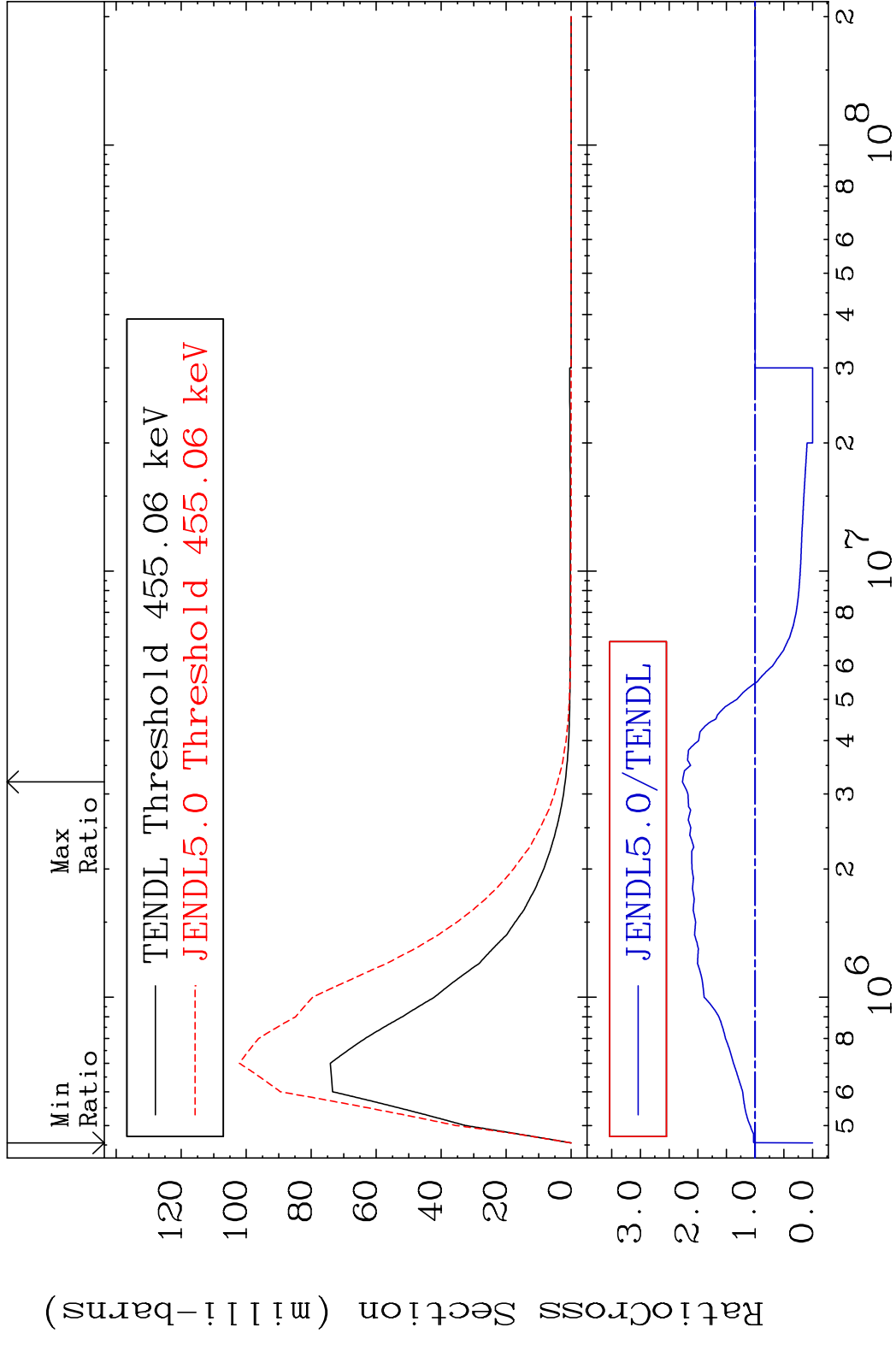


MAT 4522 MT= 78 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 271.5 %

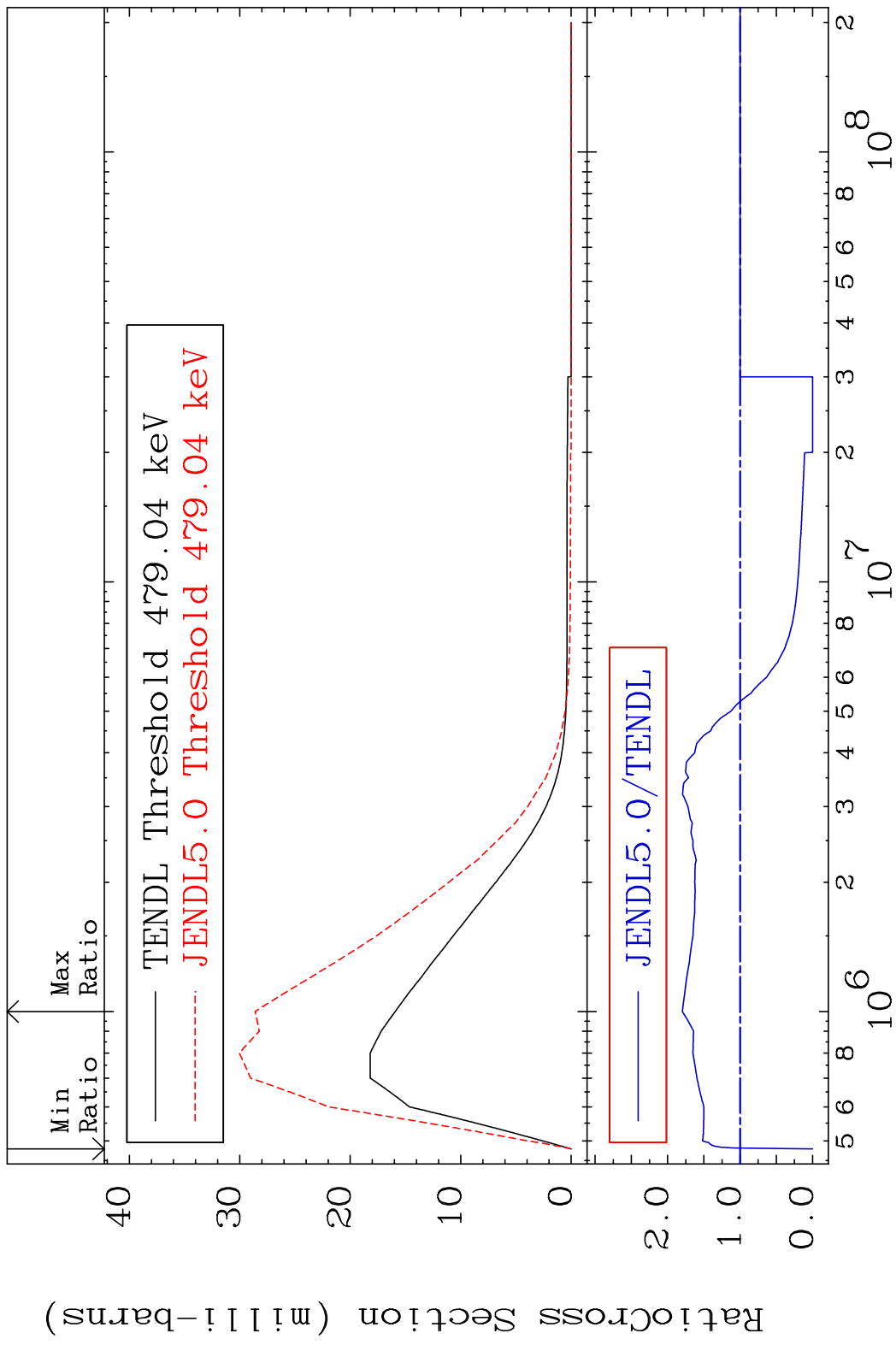


40 Incident Energy (eV) 45-Rh-102

MAT 4522 MT= 79 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 126.9 %



MAT 4522 MT= 80 (n, n') Level 45-Rh-102
 Cross Section -100.0 To 79.67 %

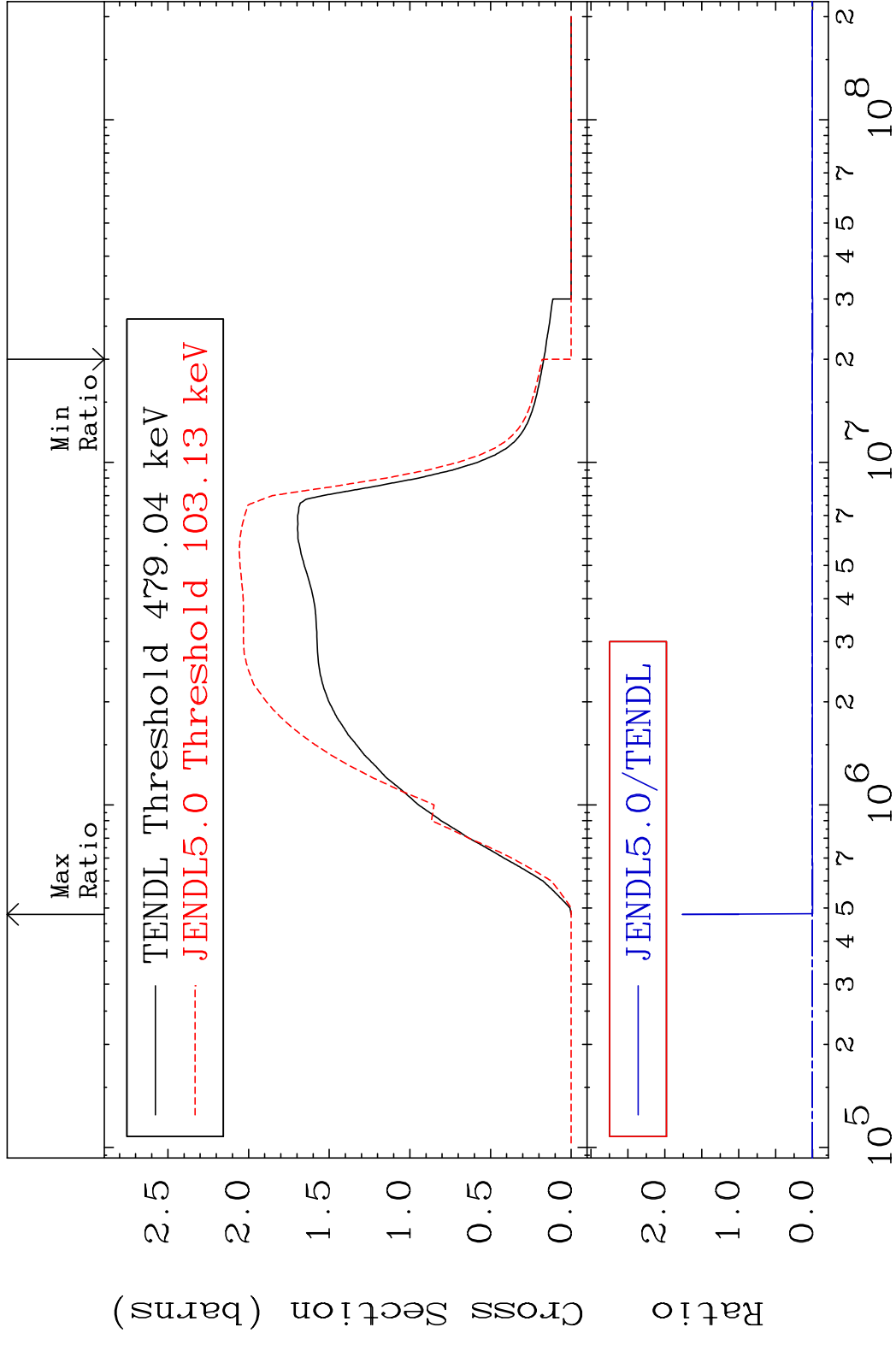


MAT 4522

(n, n') Continuum

45-Rh-102

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

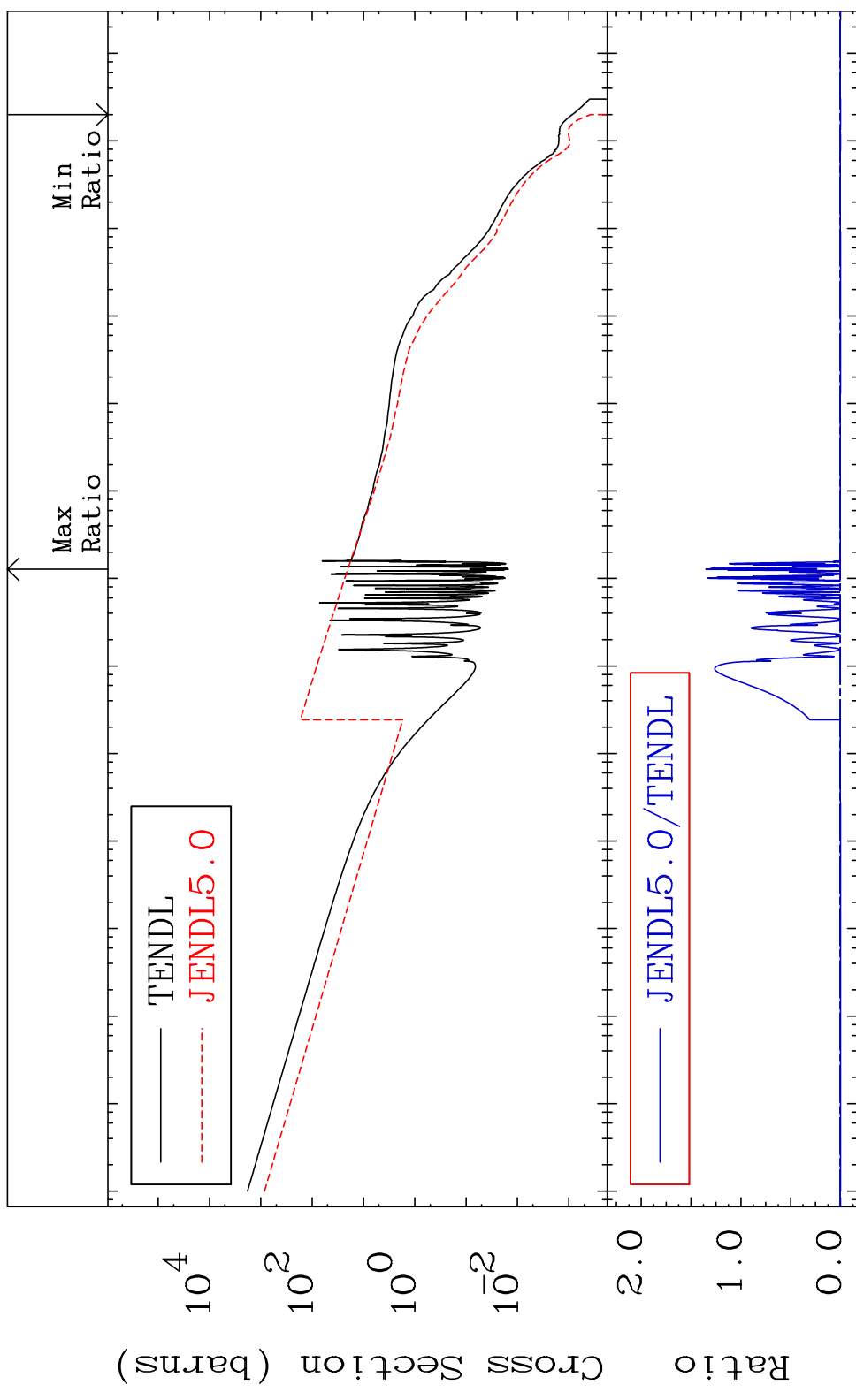
45-Rh-102

MAT 4522

(n, γ)

45-Rh-102

Cross Section -100.0 To 9999. %

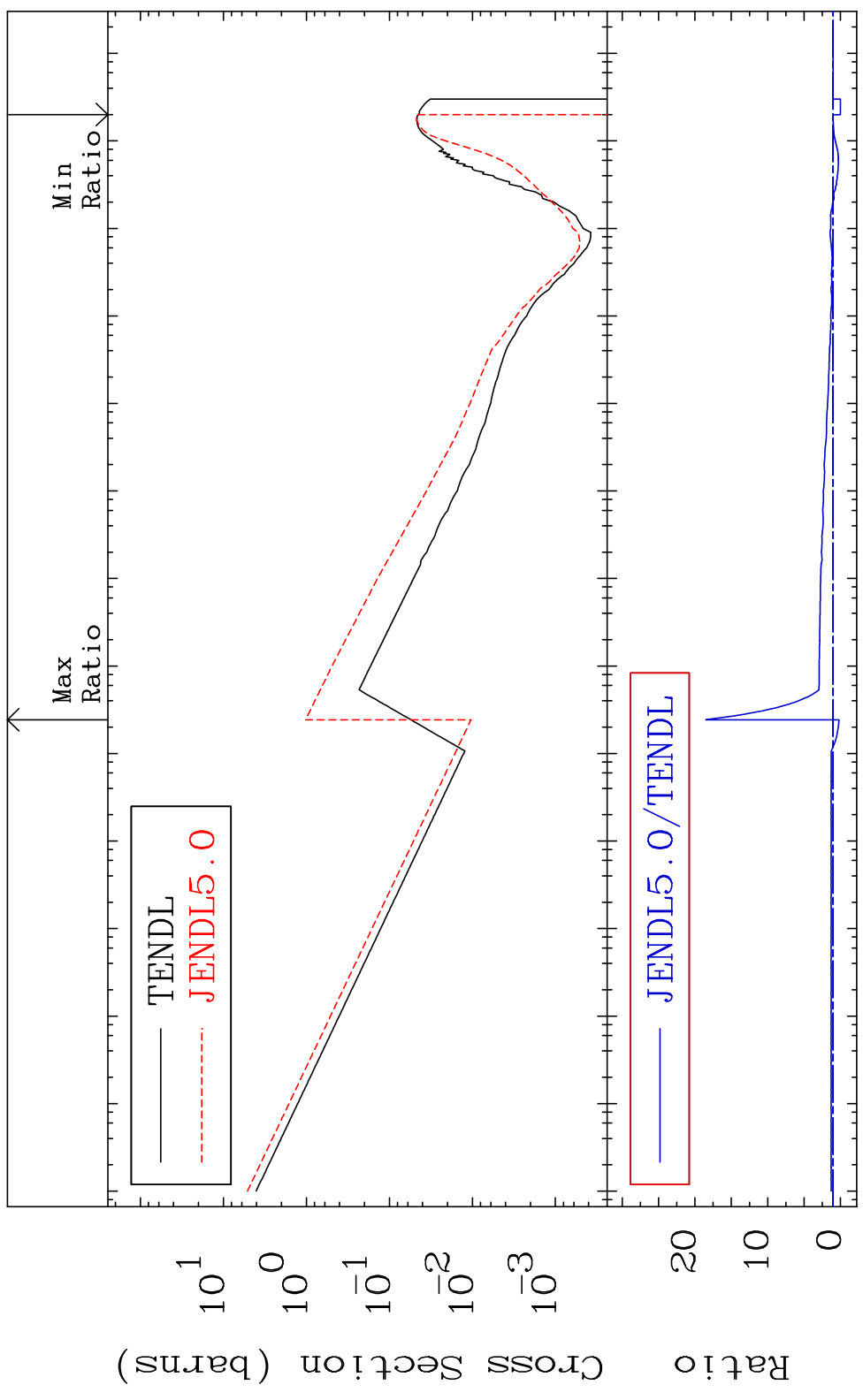


MAT 4522

(n, p)

45-Rh-102

Cross Section -100.0 To 1752. %

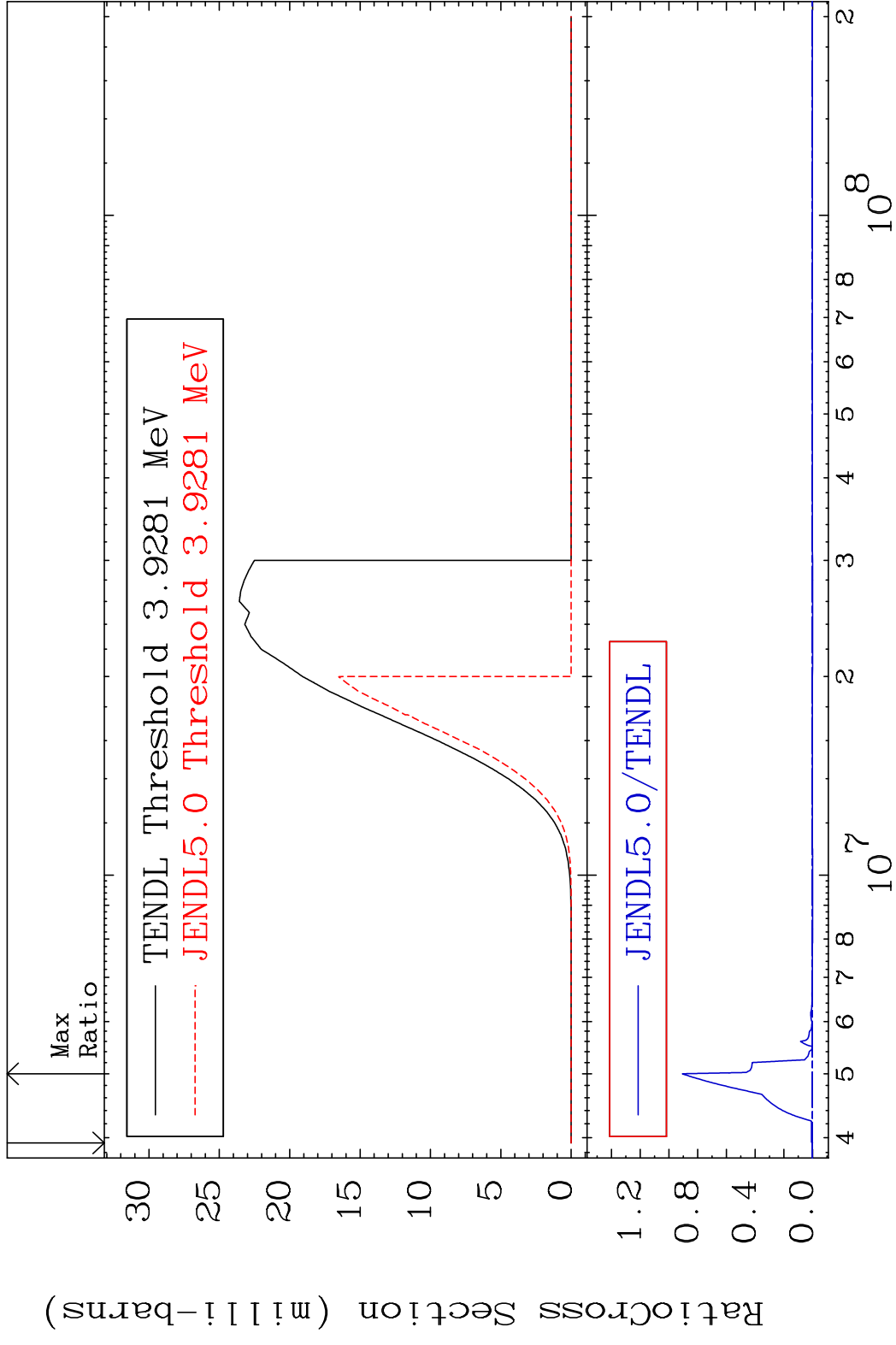


45

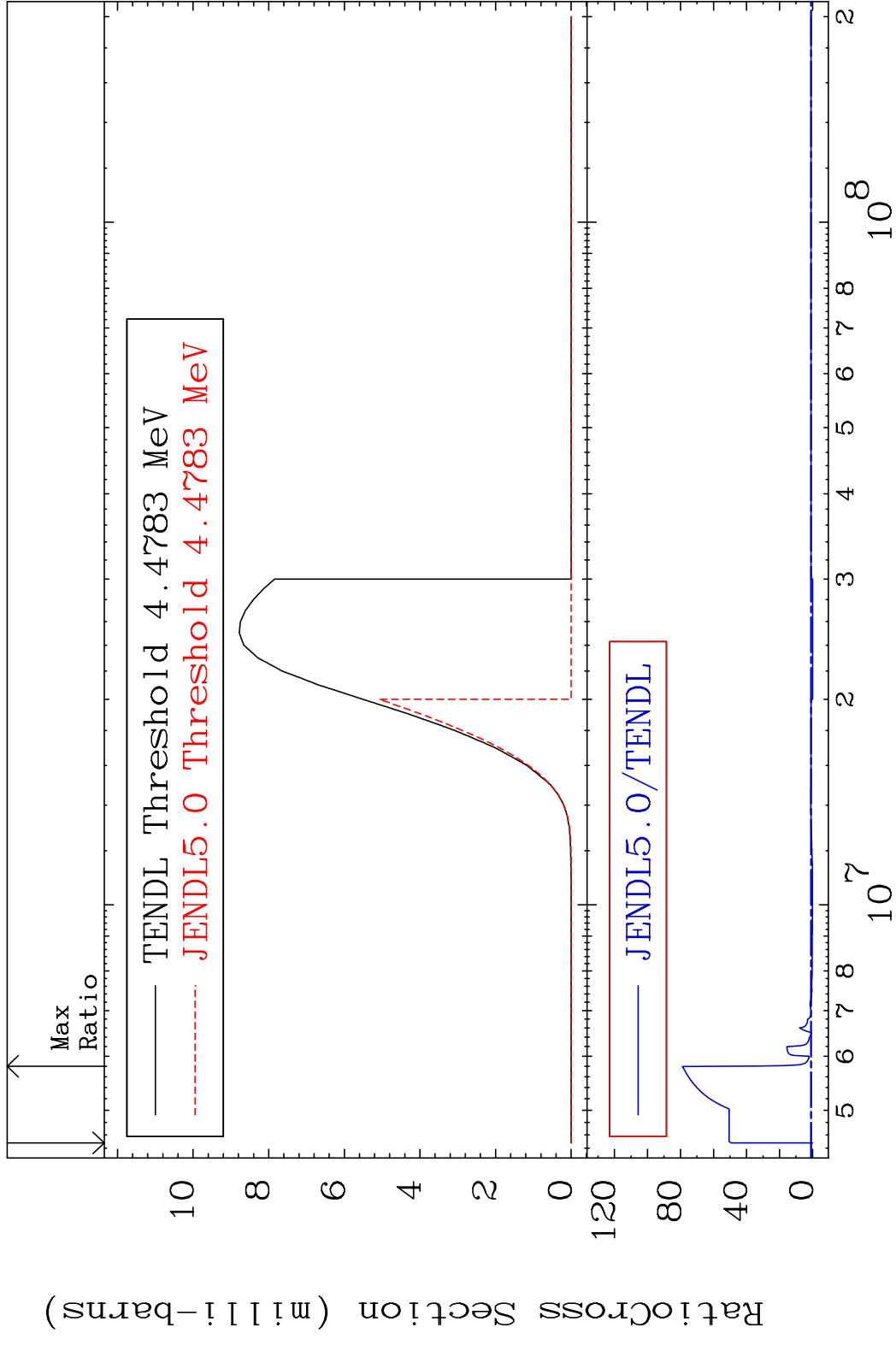
Incident Energy (eV)

45-Rh-102

MAT 4522 (n,d) 45-Rh-102
 Cross Section -100.0 To 9999. %



MAT 4522 (n, t) 45-Rh-102
 Cross Section -100.0 To 7789. %

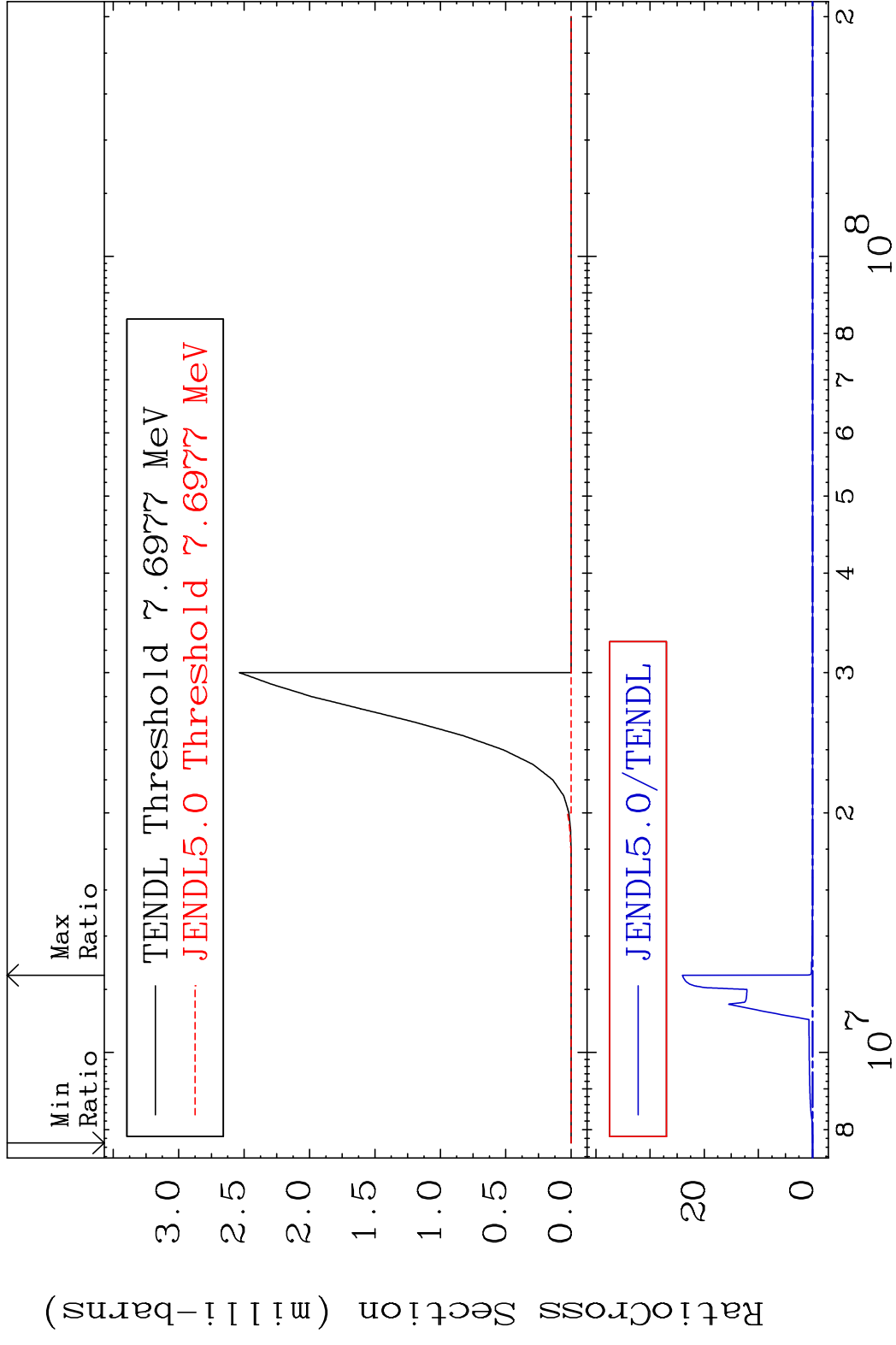


MAT 4522

(n, He-3)

45-Rh-102

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

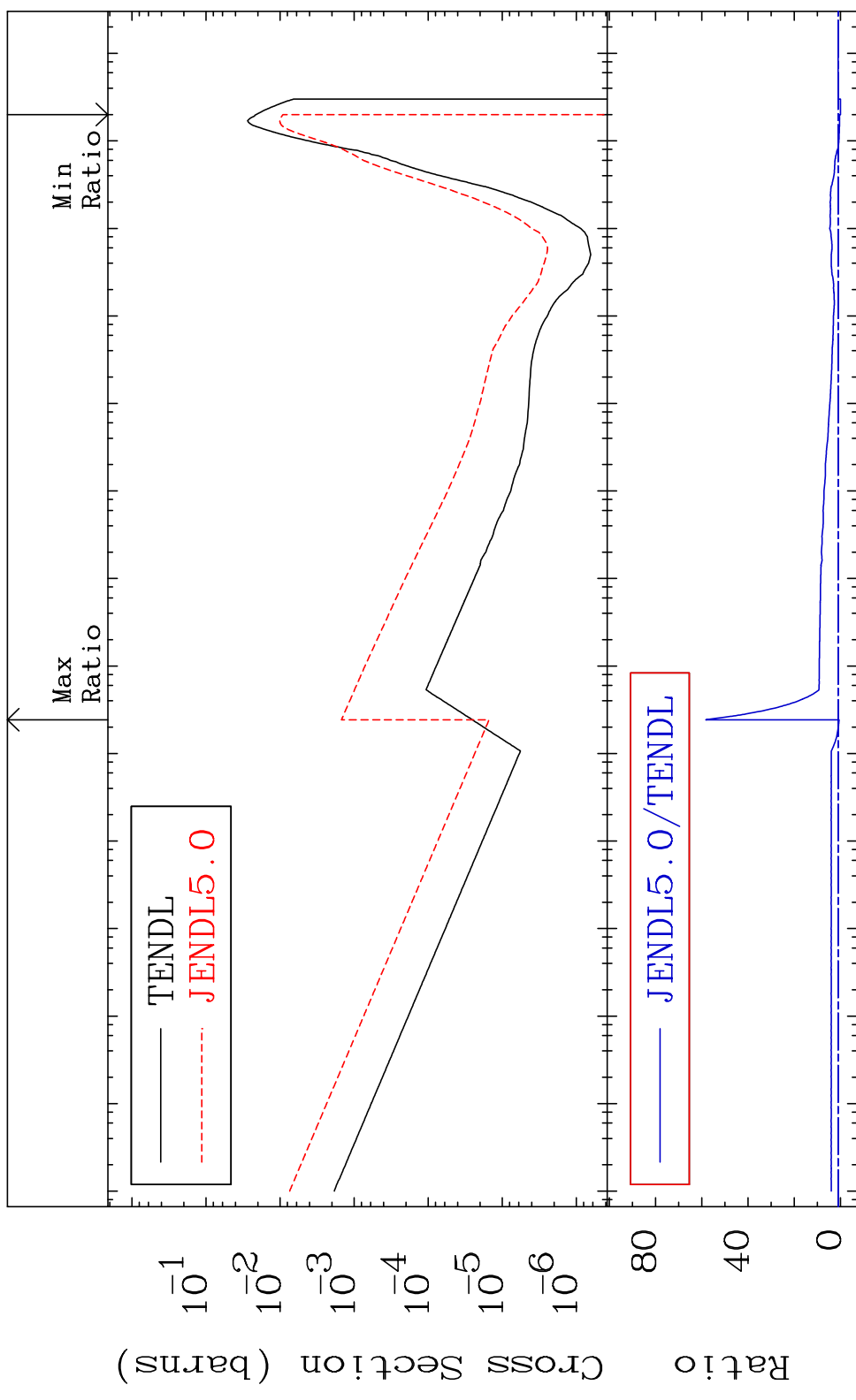
45-Rh-102

MAT 4522

(n, α)

45-Rh-102

Cross Section -100.0 To 5726. %



49

Incident Energy (eV)

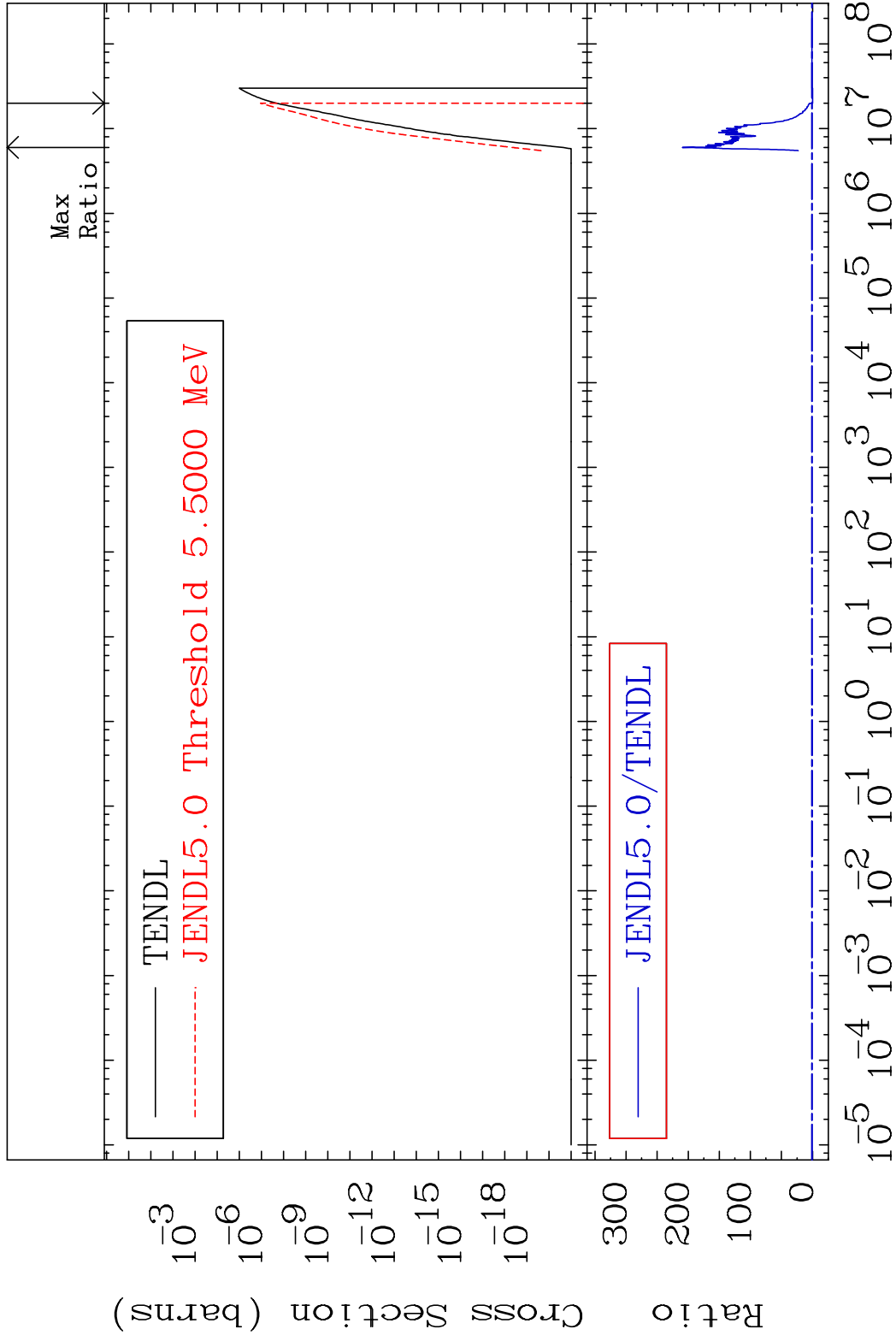
45-Rh-102

MAT 4522

(n,2α)

45-Rh-102

Cross Section -100.0 To 9999. %

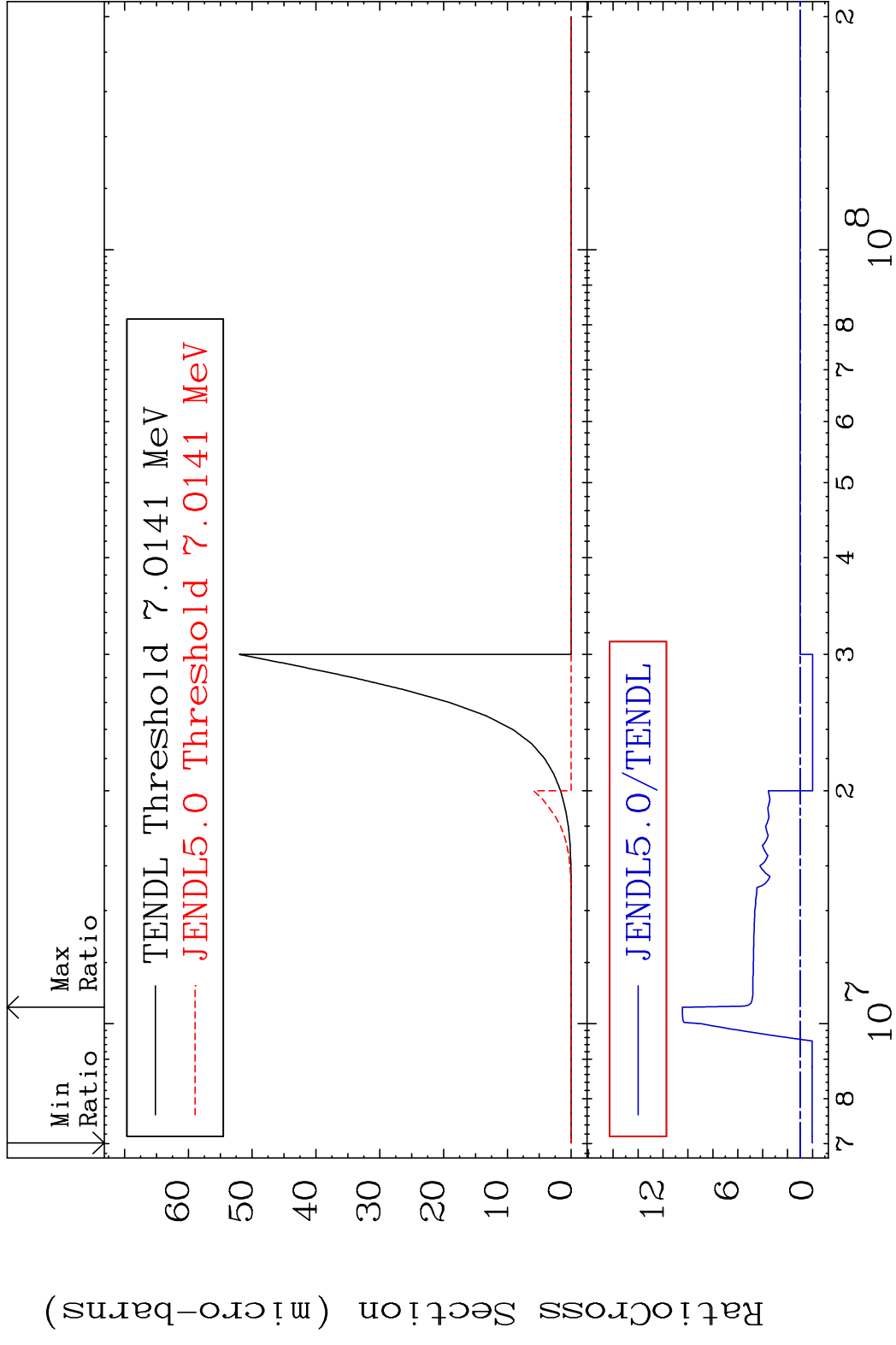


50

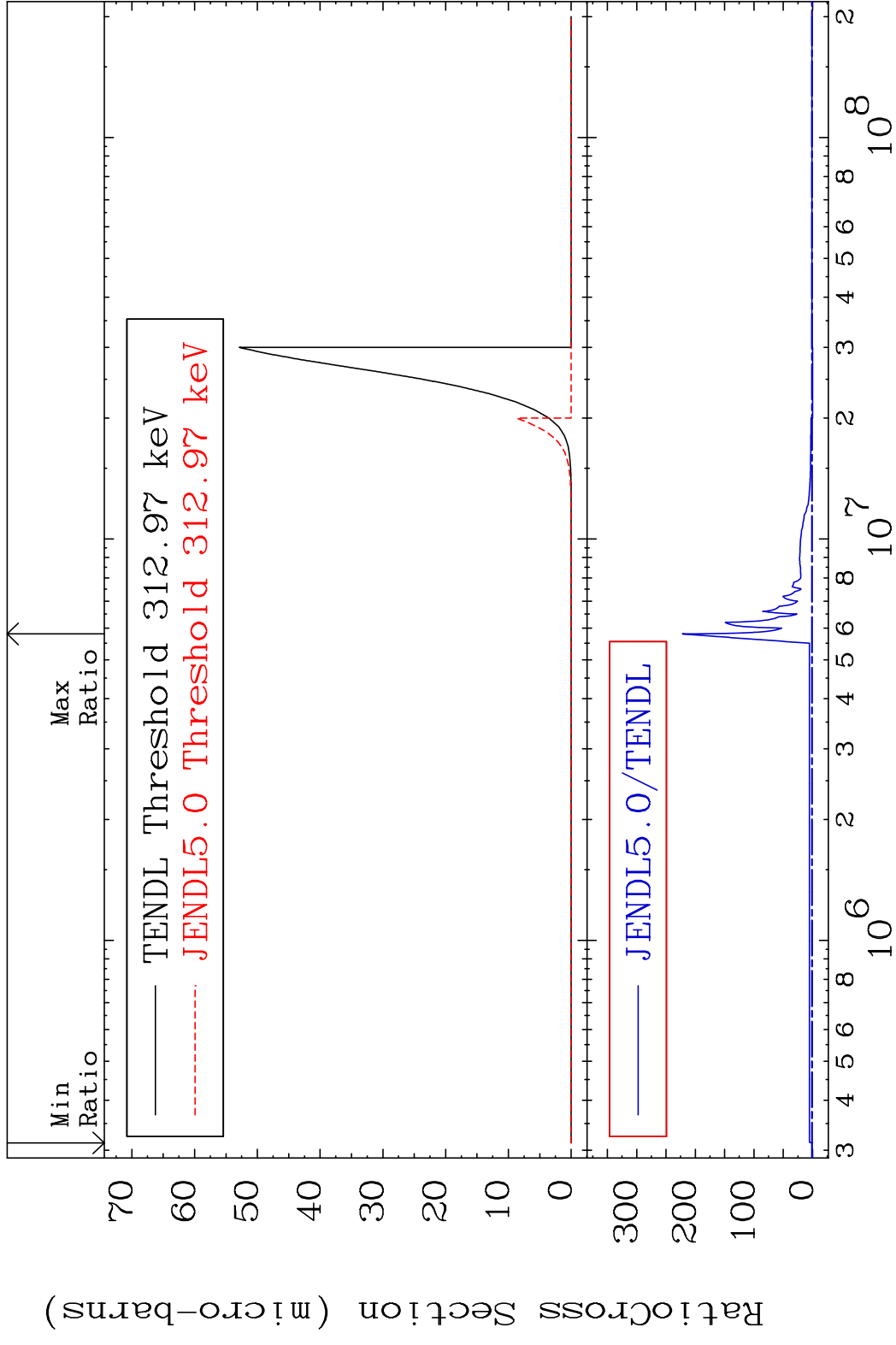
Incident Energy (eV)

45-Rh-102

MAT 4522 (n,2p) 45-Rh-102
 Cross Section -100.0 To 944.5 %

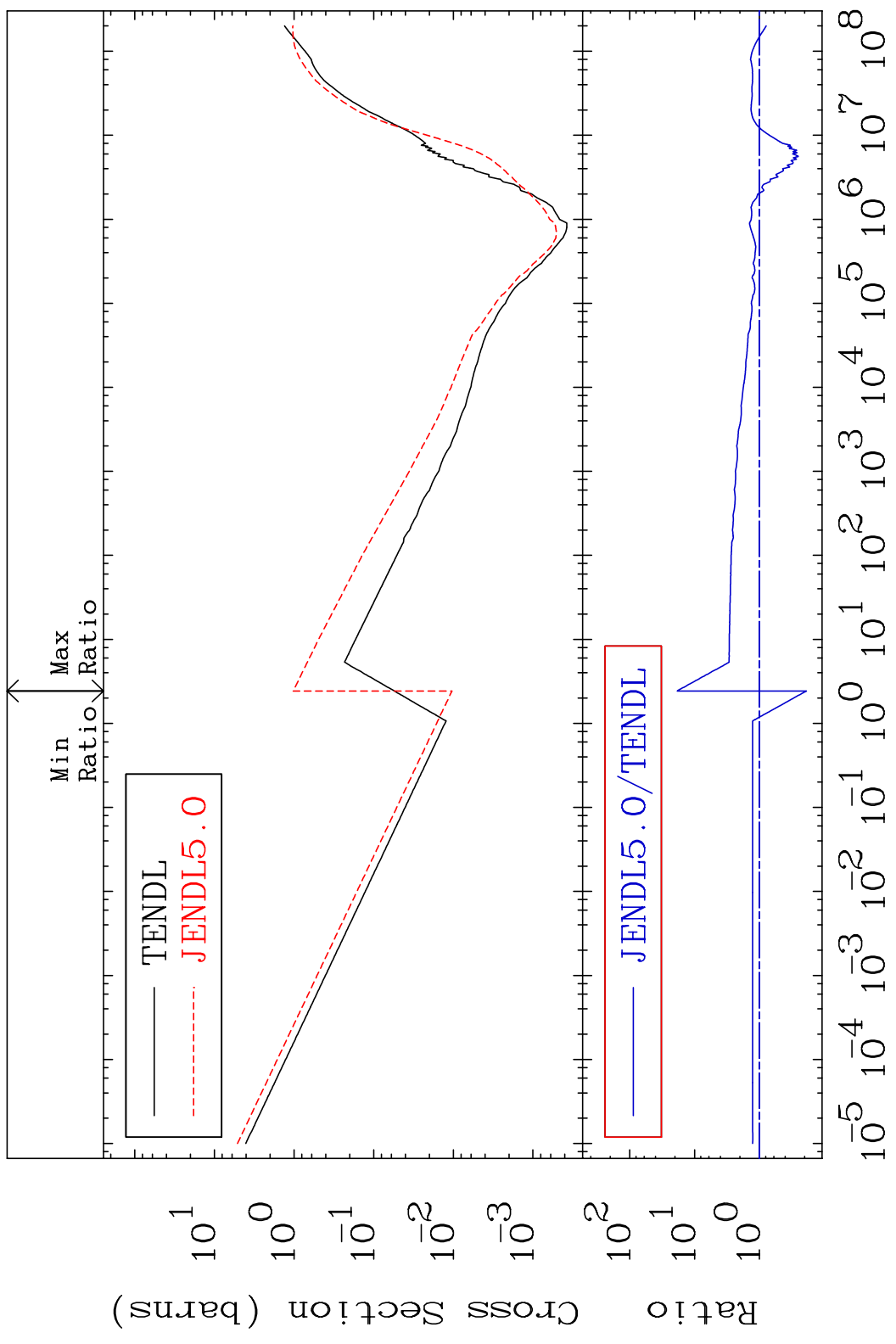


MAT 4522 (n,p) α 45-Rh-102
 Cross Section -100.0 To 9999. %

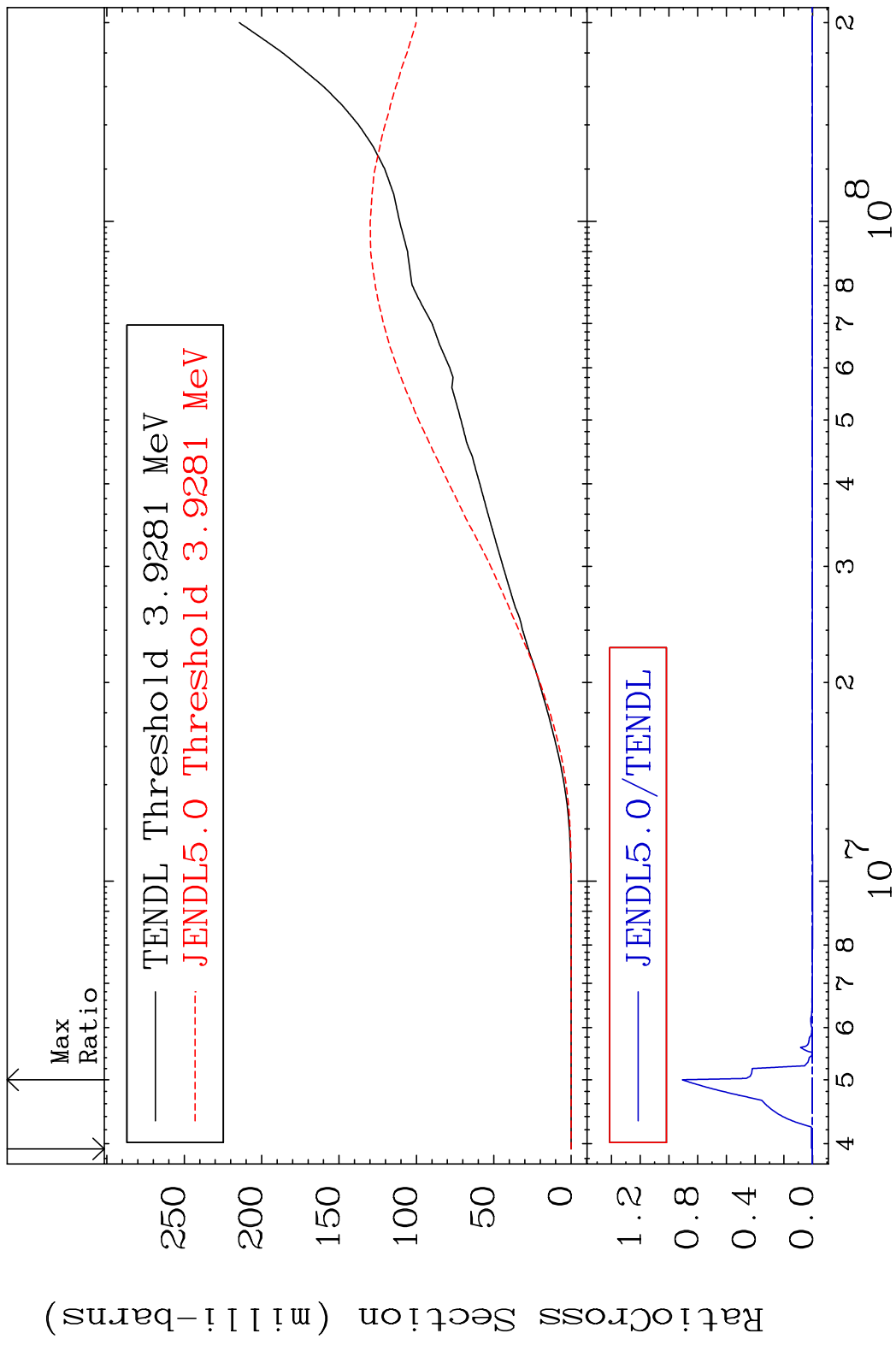


MAT 4522

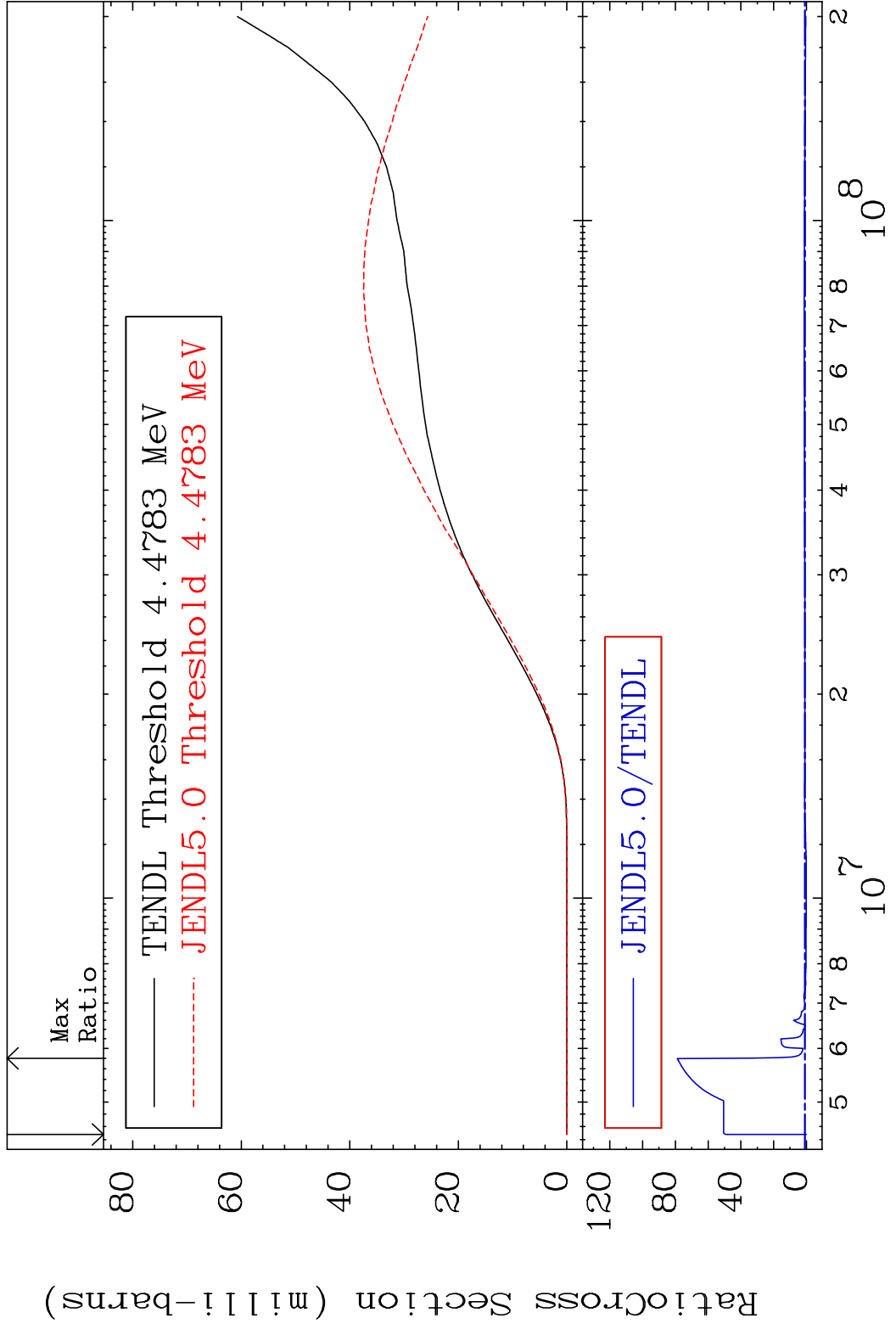
Hydrogen Production 45-Rh-102
Cross Section -81.18 To 1752. %



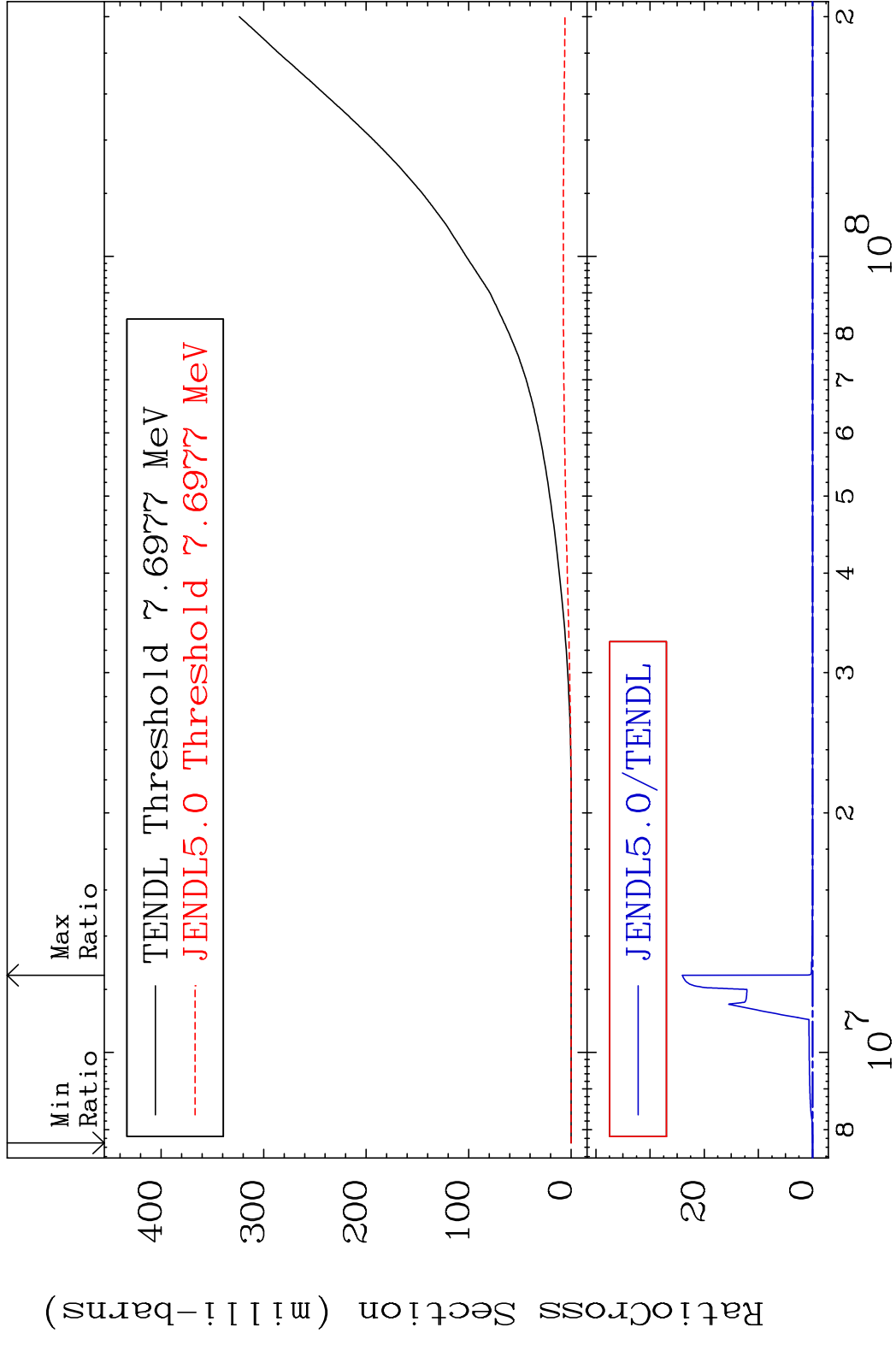
MAT 4522 Deuterium Production 45-Rh-102
 Cross Section -100.0 To 9999. %



MAT 4522 Tritium Production 45-Rh-102
 Cross Section -100.0 To 7789. %



MAT 4522 He-3 Production 45-Rh-102
 Cross Section -100.0 To 9999. %



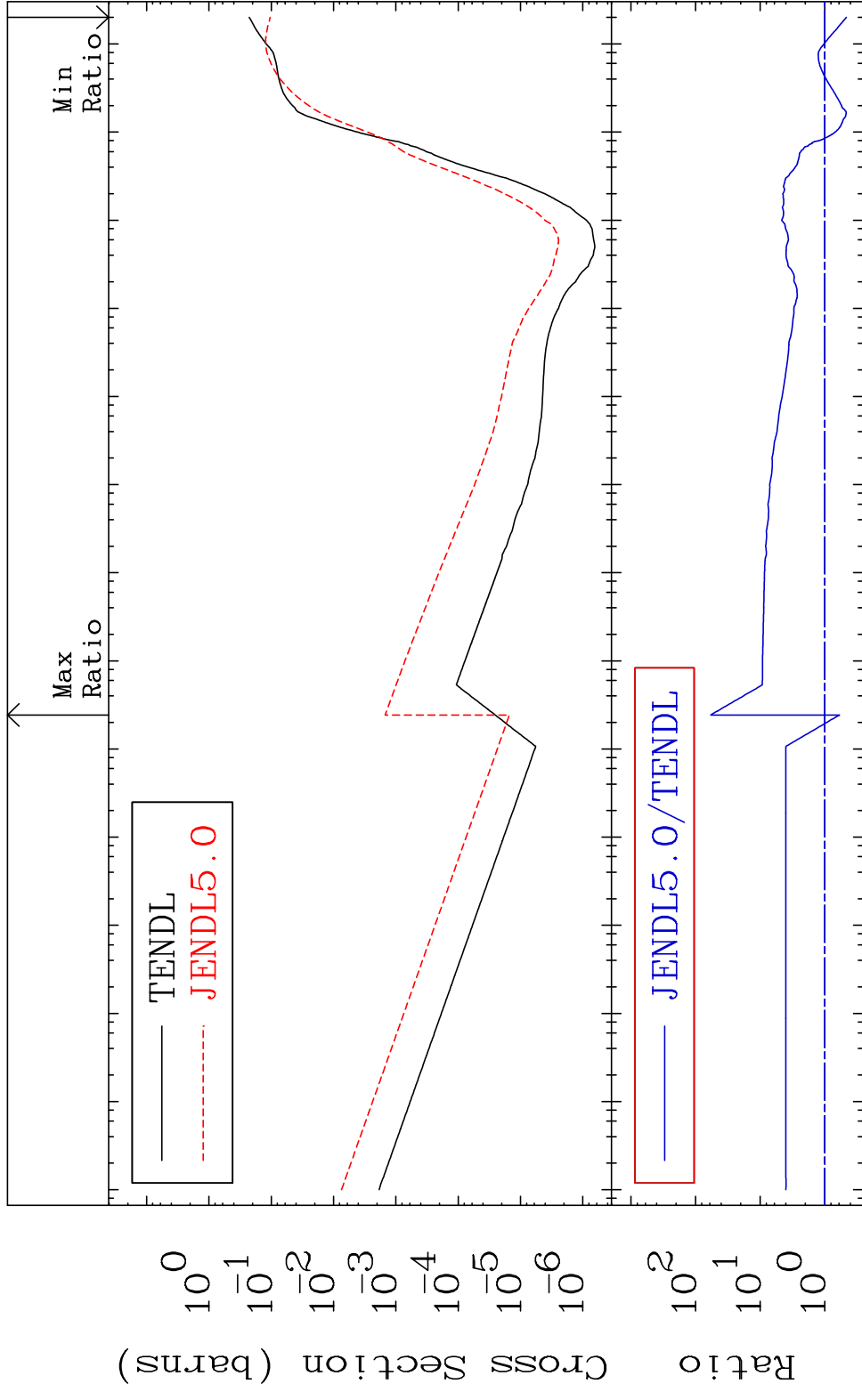
56 Incident Energy (eV) 45-Rh-102

MAT 4522

He-4 Production

45-Rh-102

Cross Section -53.78 To 5726. %

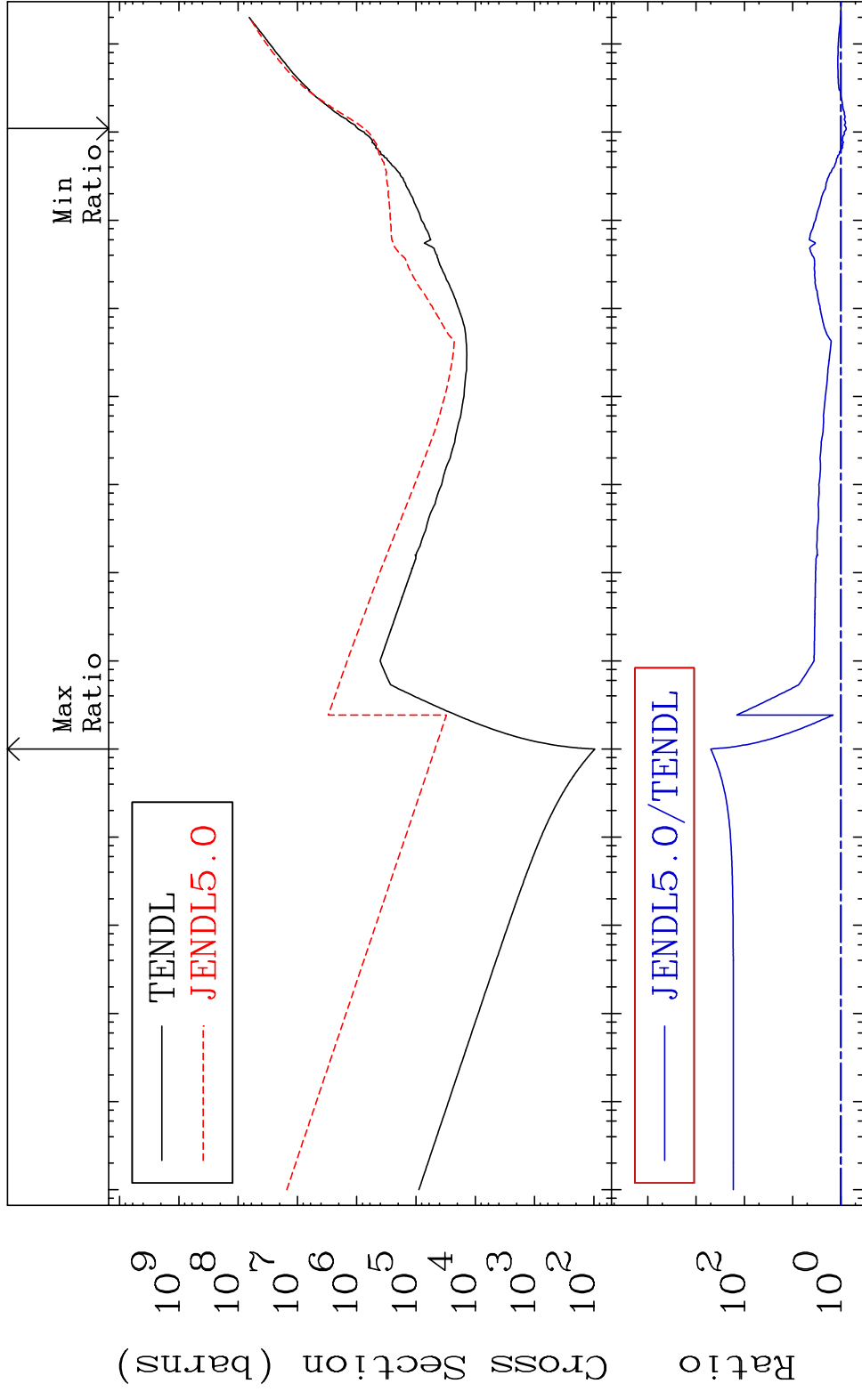


57

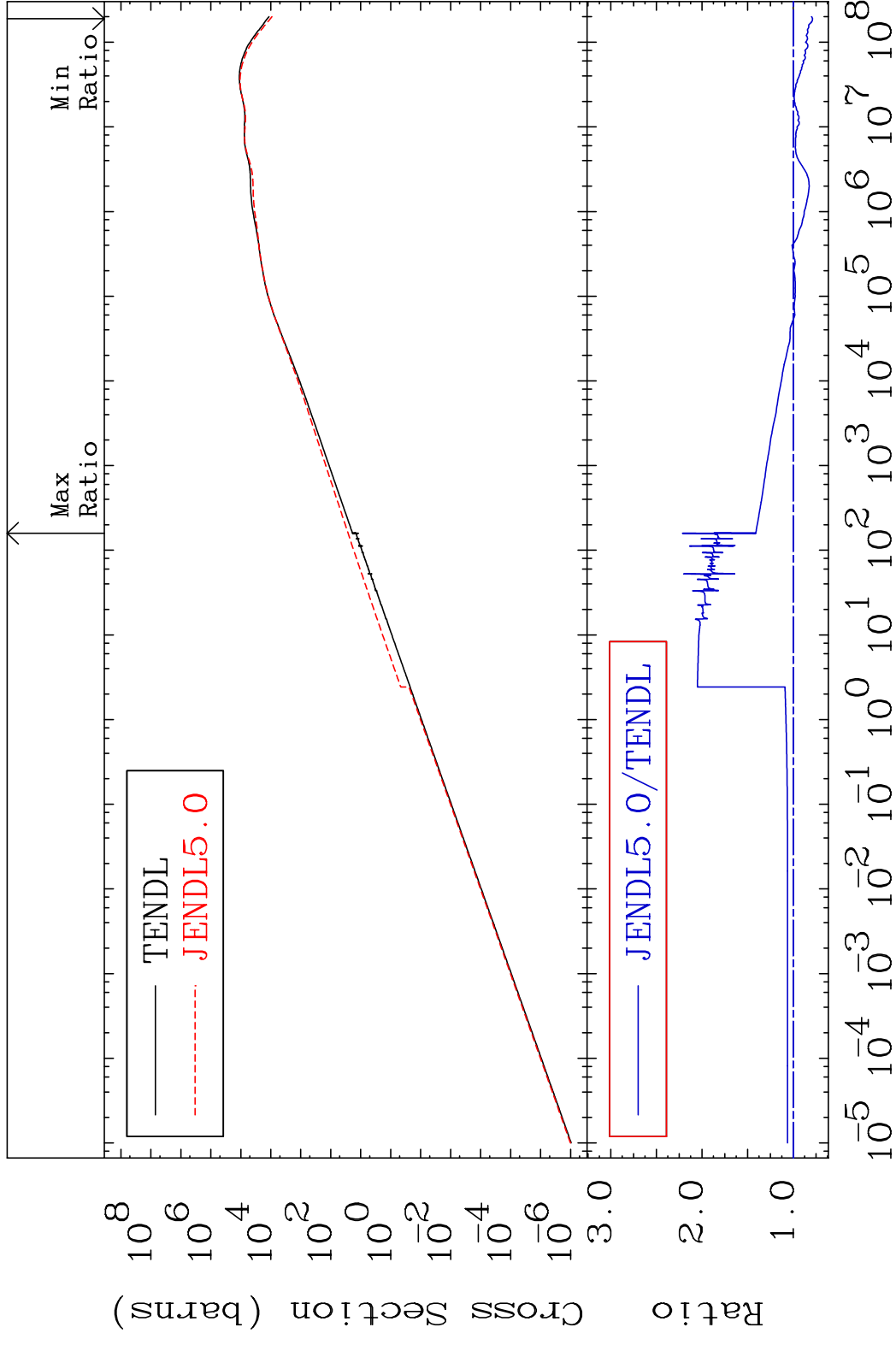
Incident Energy (eV)

45-Rh-102

MAT 4522 Kerma total (eV-barns) 45-Rh-102
 Cross Section -22.92 To 9999. %

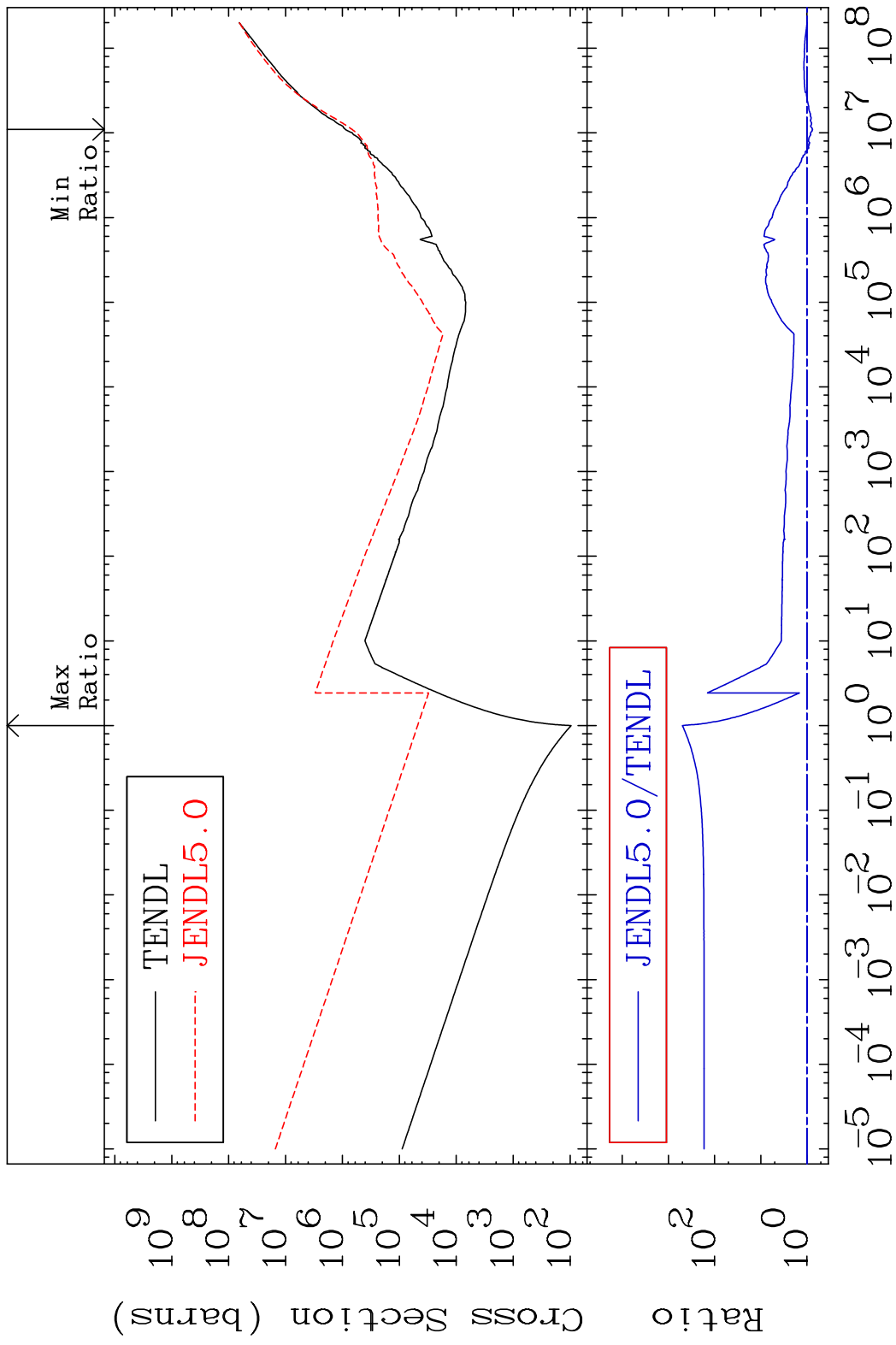


MAT 4522 Kerma elastic 45-Rh-102
 Cross Section -21.13 To 121.6 %



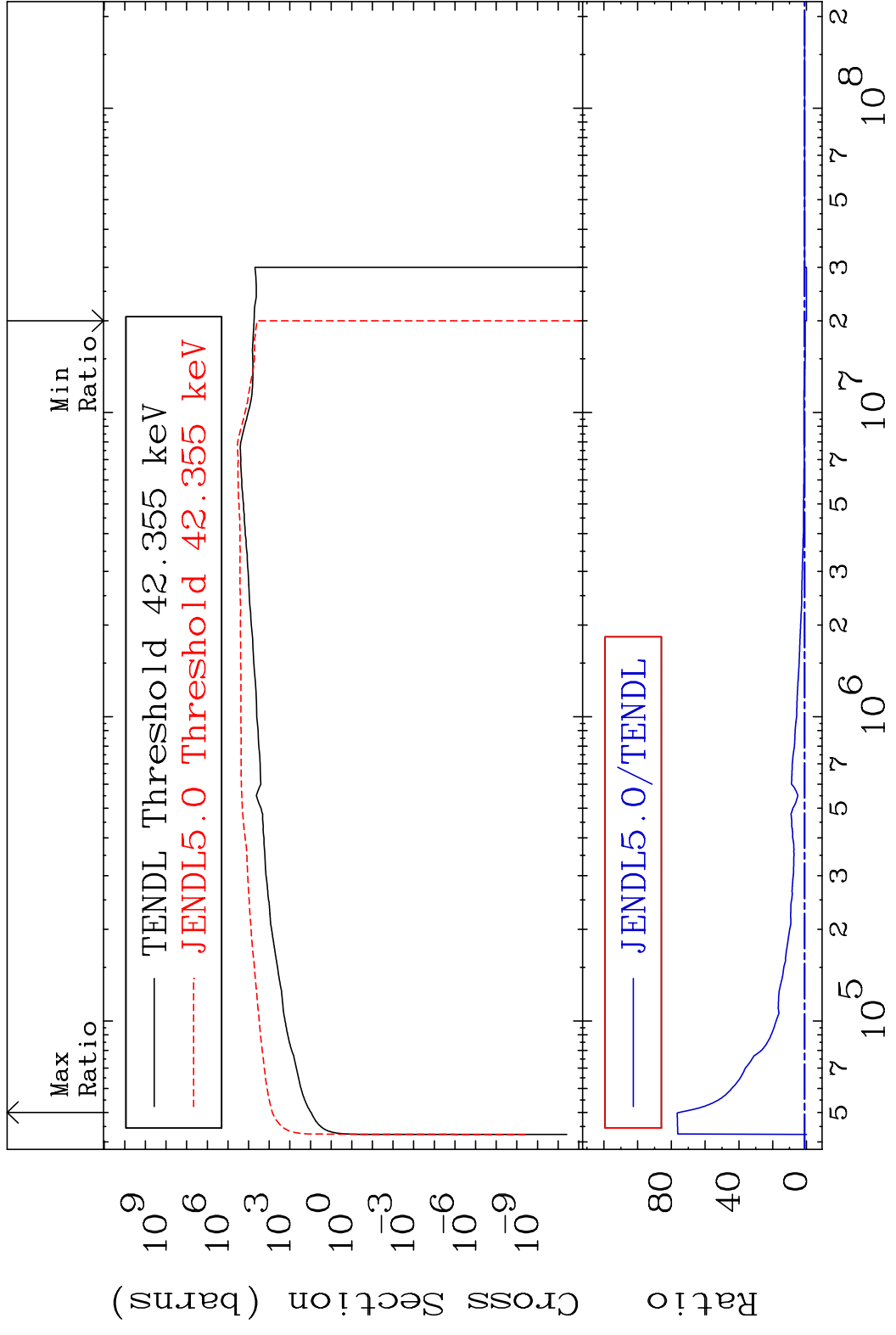
59 Incident Energy (eV) 45-Rh-102

MAT 4522 Kerma non-elastic (all but mt2) 45-Rh-102
 Cross Section -24.30 To 9999. %

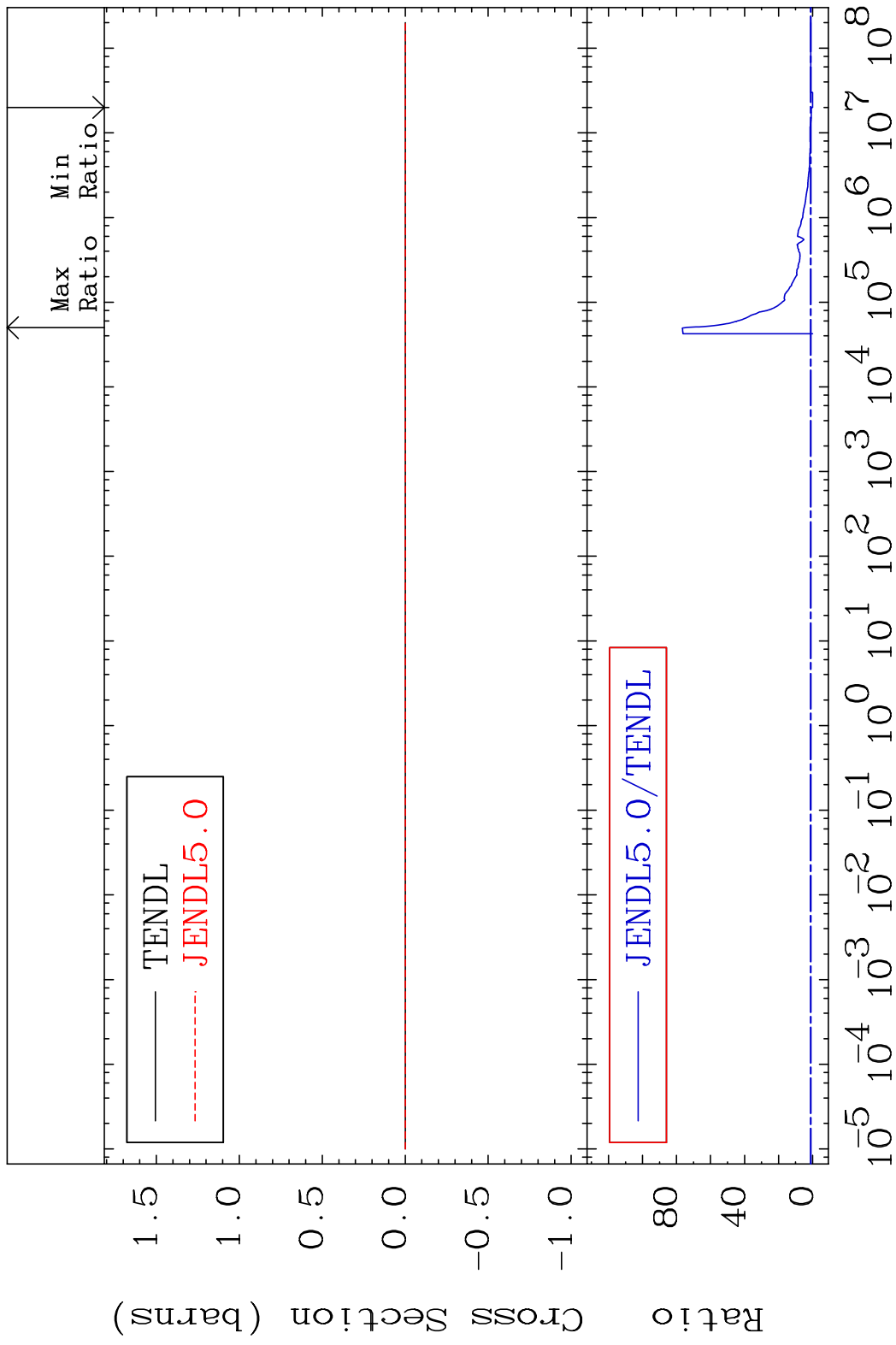


60 Incident Energy (eV) 45-Rh-102

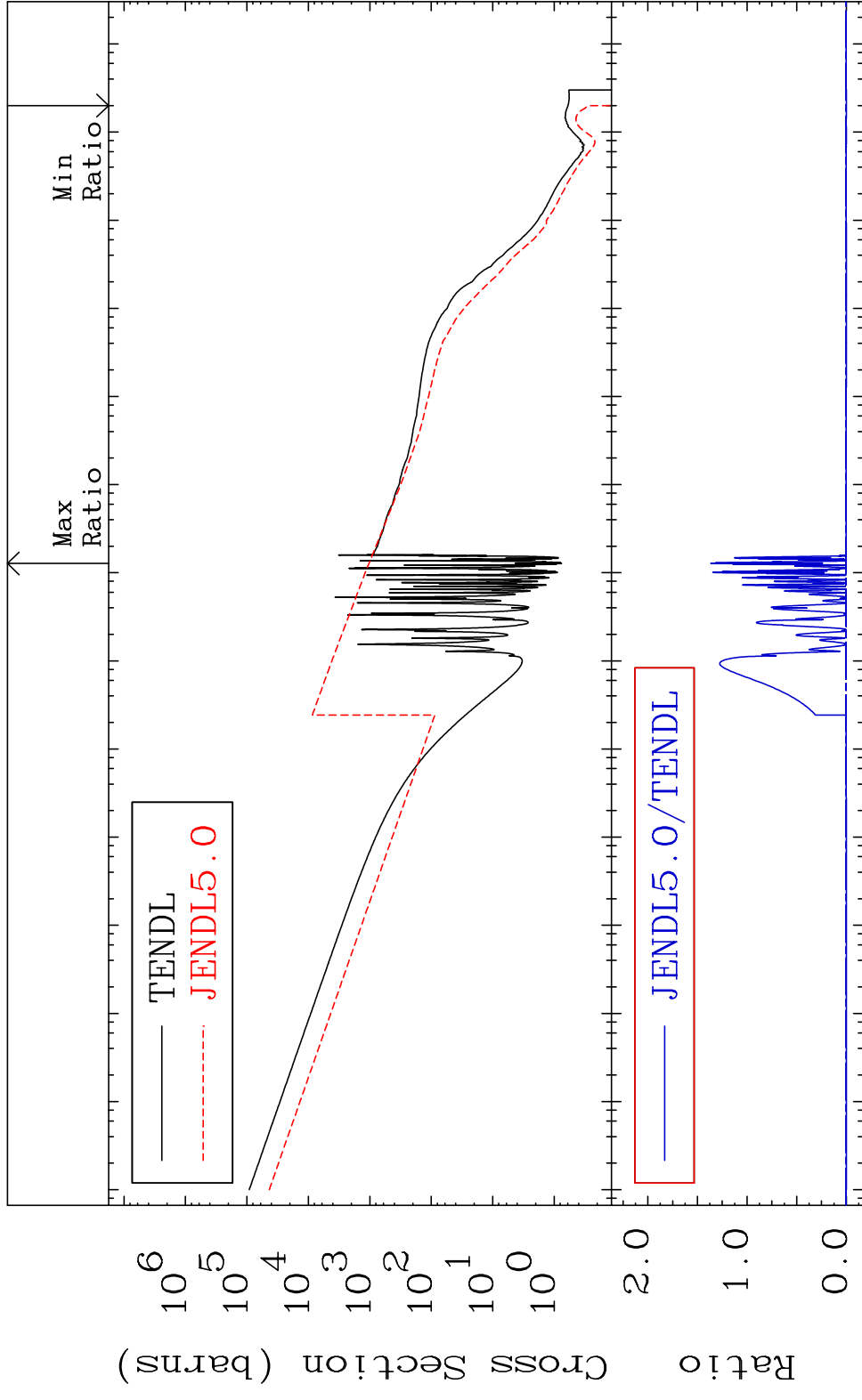
MAT 4522 Kerma inelastic (mt51-91) 45-Rh-102
 Cross Section -100.0 To 7557. %



MAT 4522 Kerma fission (mt18 or mt19-20-21-38) 45-Rh-102
 Cross Section -100.0 To 7557. %

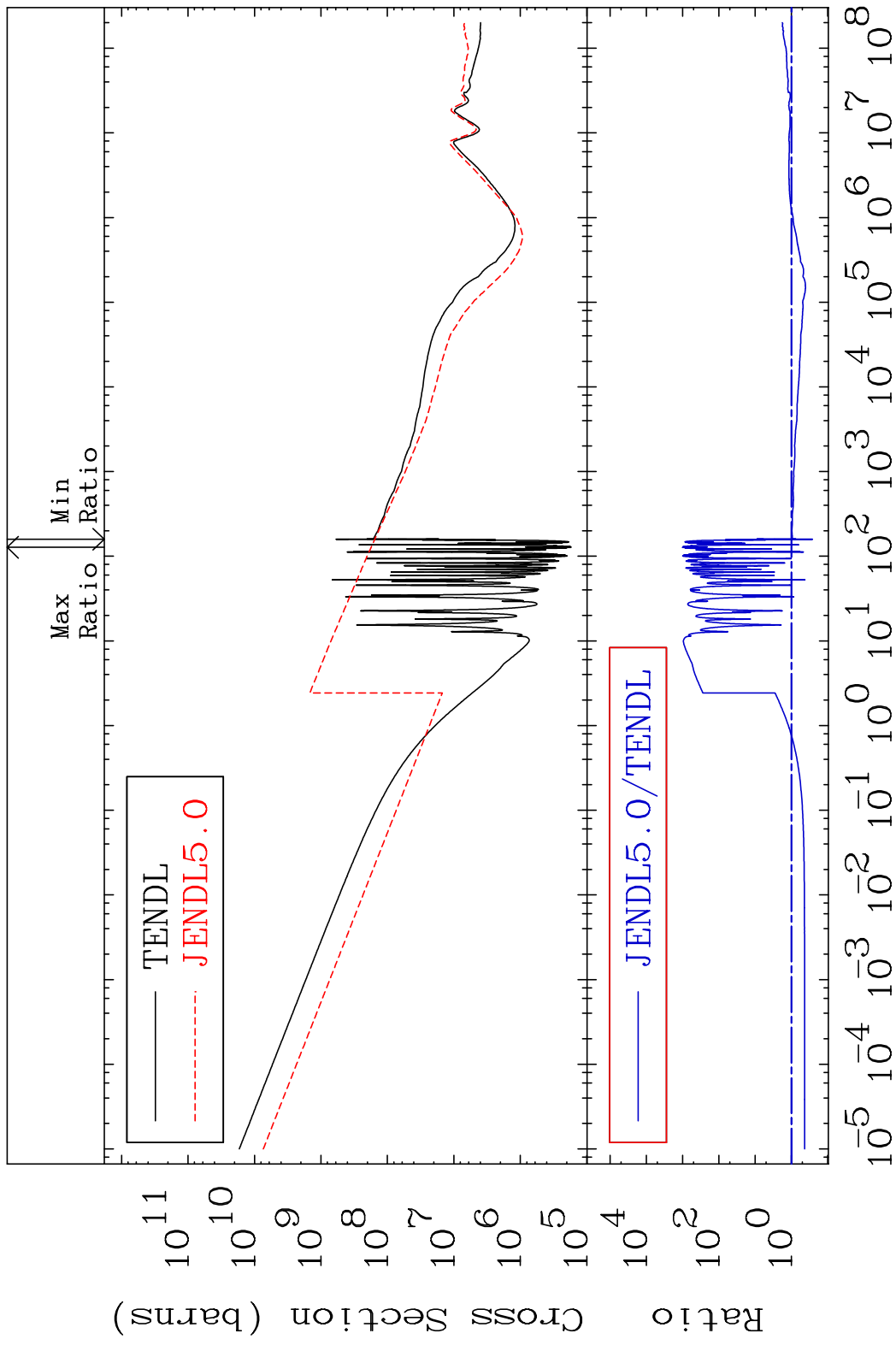


MAT 4522 Kerma capture (mt102) 45-Rh-102
 Cross Section -100.0 To 9999. %

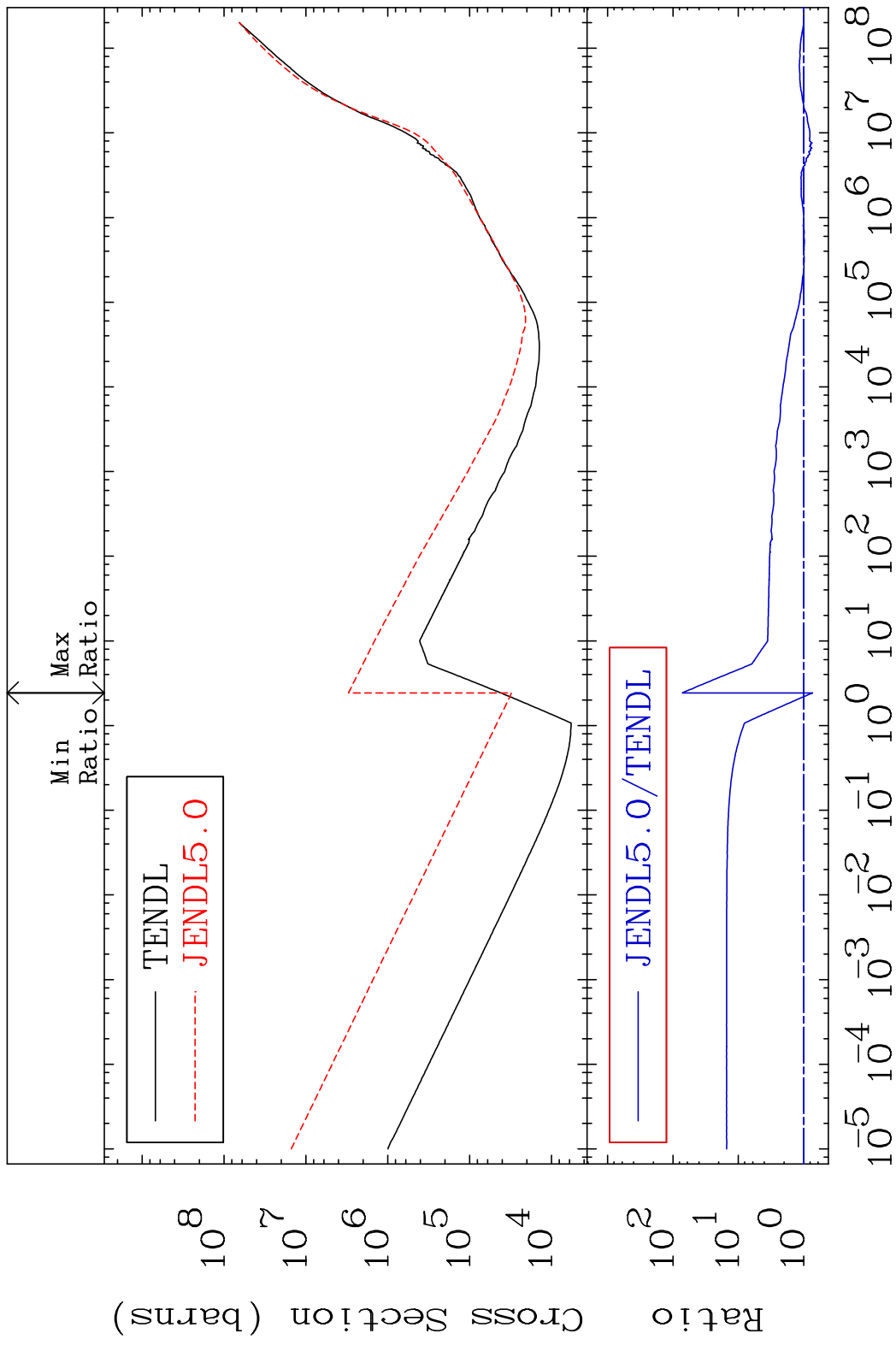


63 Incident Energy (eV) 45-Rh-102

MAT 4522 Total photon (eV-barns) 45-Rh-102
 Cross Section -73.76 To 9999. %



MAT 4522 Total kinematic kerma (high limit) 45-Rh-102
 Cross Section -26.88 To 7095. %

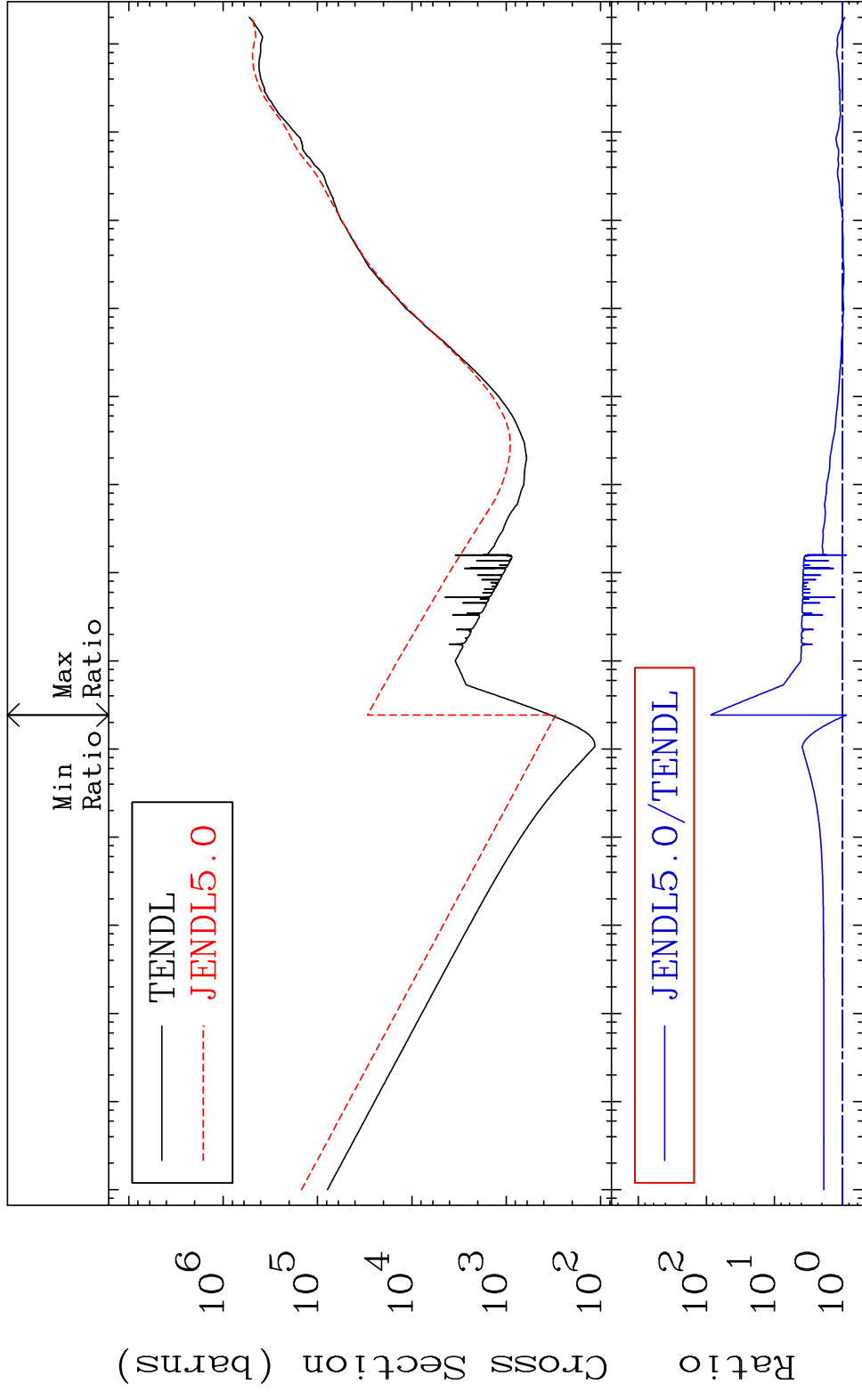


MAT 4522

Dpa total (eV-barns)

45-Rh-102

Cross Section -12.18 To 8542. %

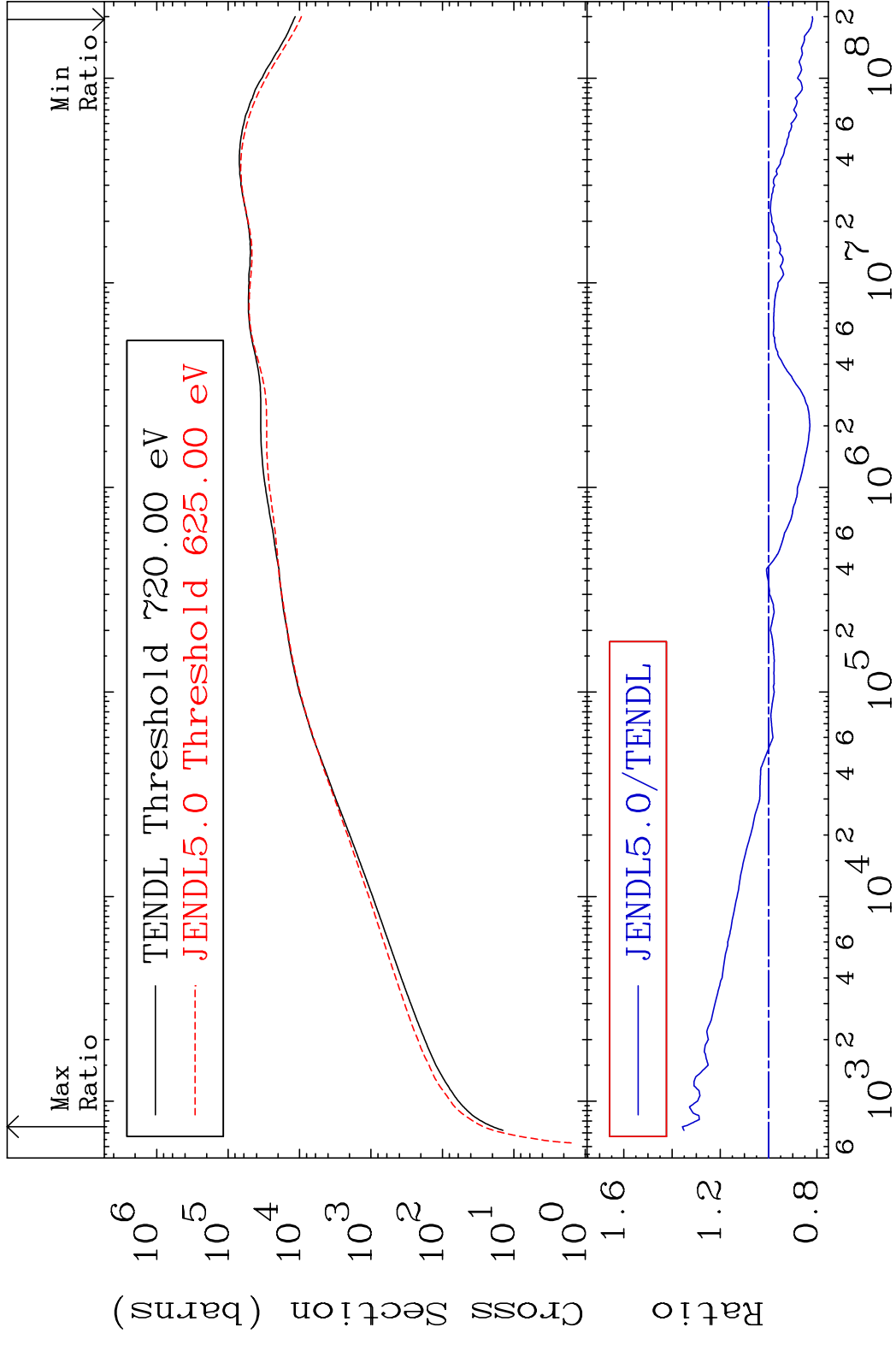


MAT 4522

Dpa elastic (mt2)

45-Rh-102

Cross Section -18.22 To 35.75 %

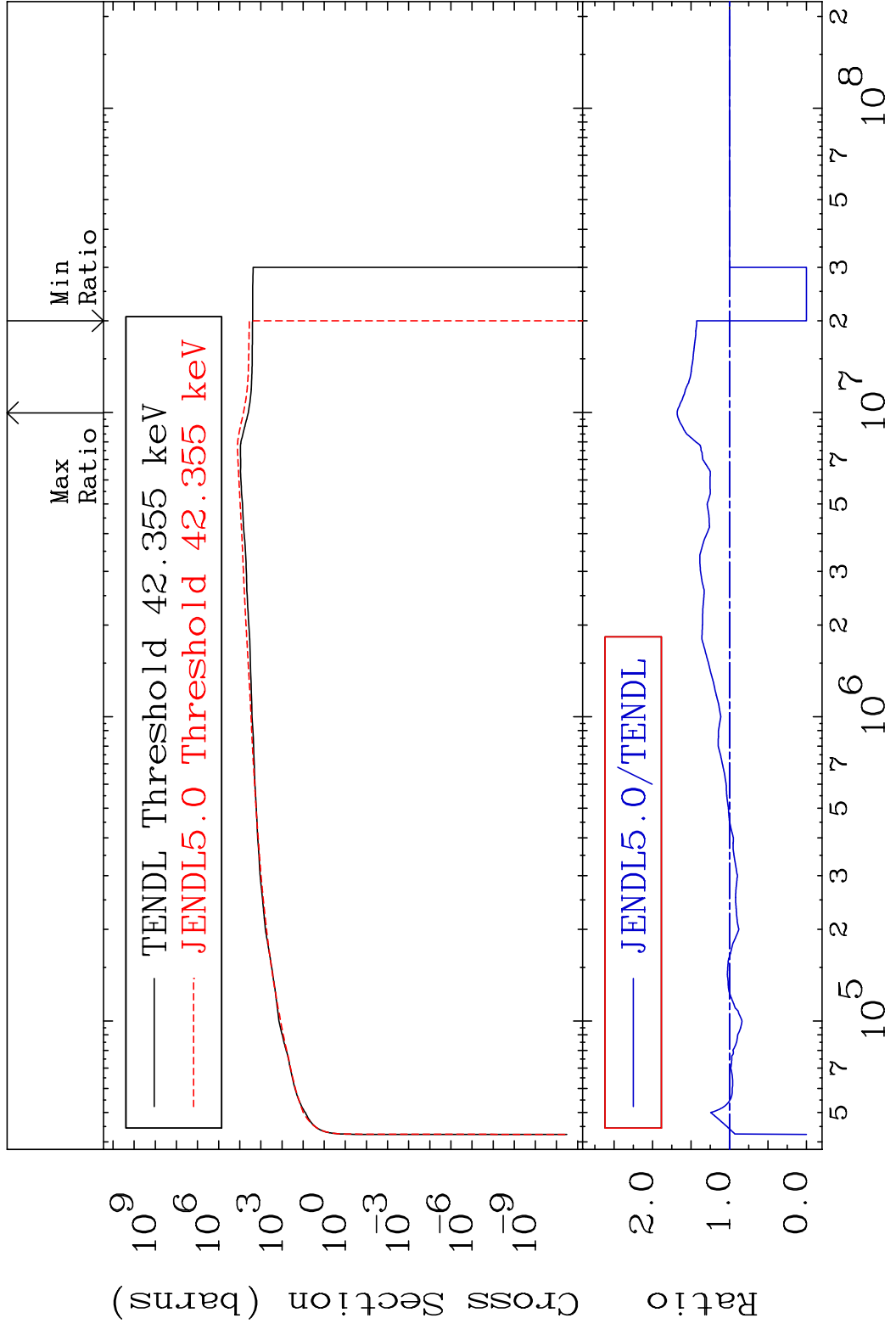


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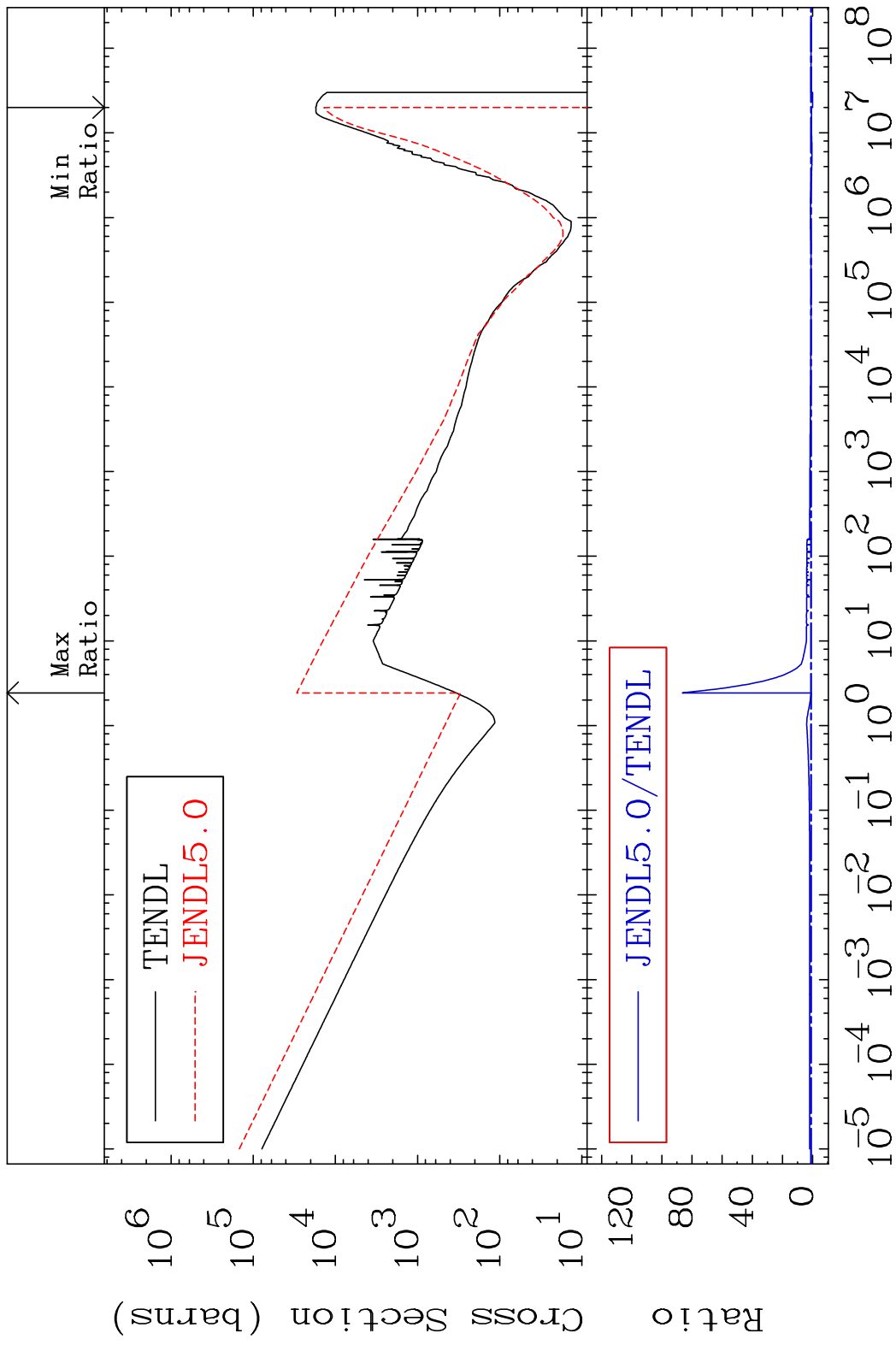
Incident Energy (eV)

45-Rh-102

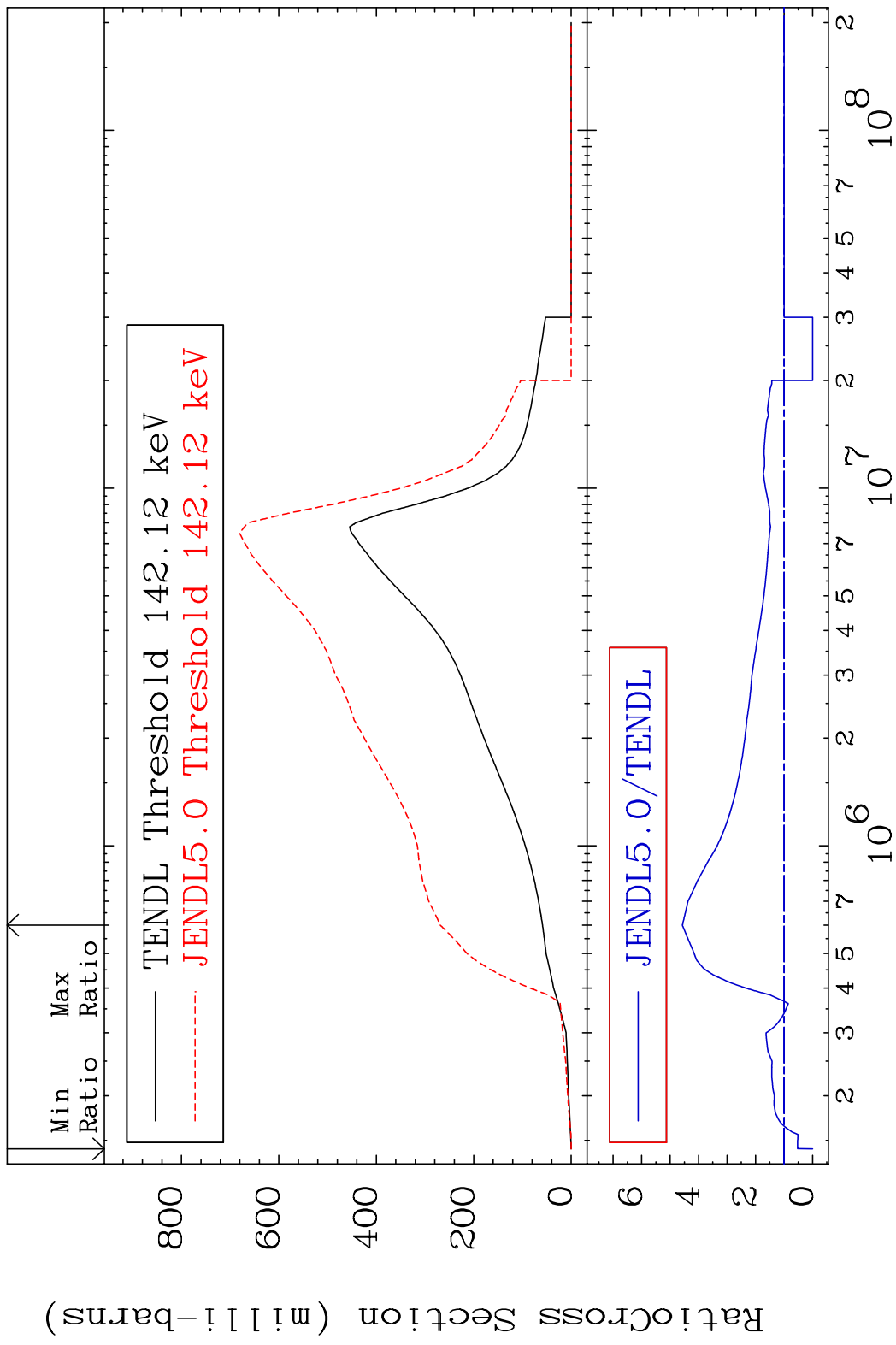
MAT 4522 Dpa inelastic (mt51-91) 45-Rh-102
 Cross Section -100.0 To 67.92 %



MAT 4522 Dpa disappearance (mt102 -120) 45-Rh-102
 Cross Section -100.0 To 8542. %

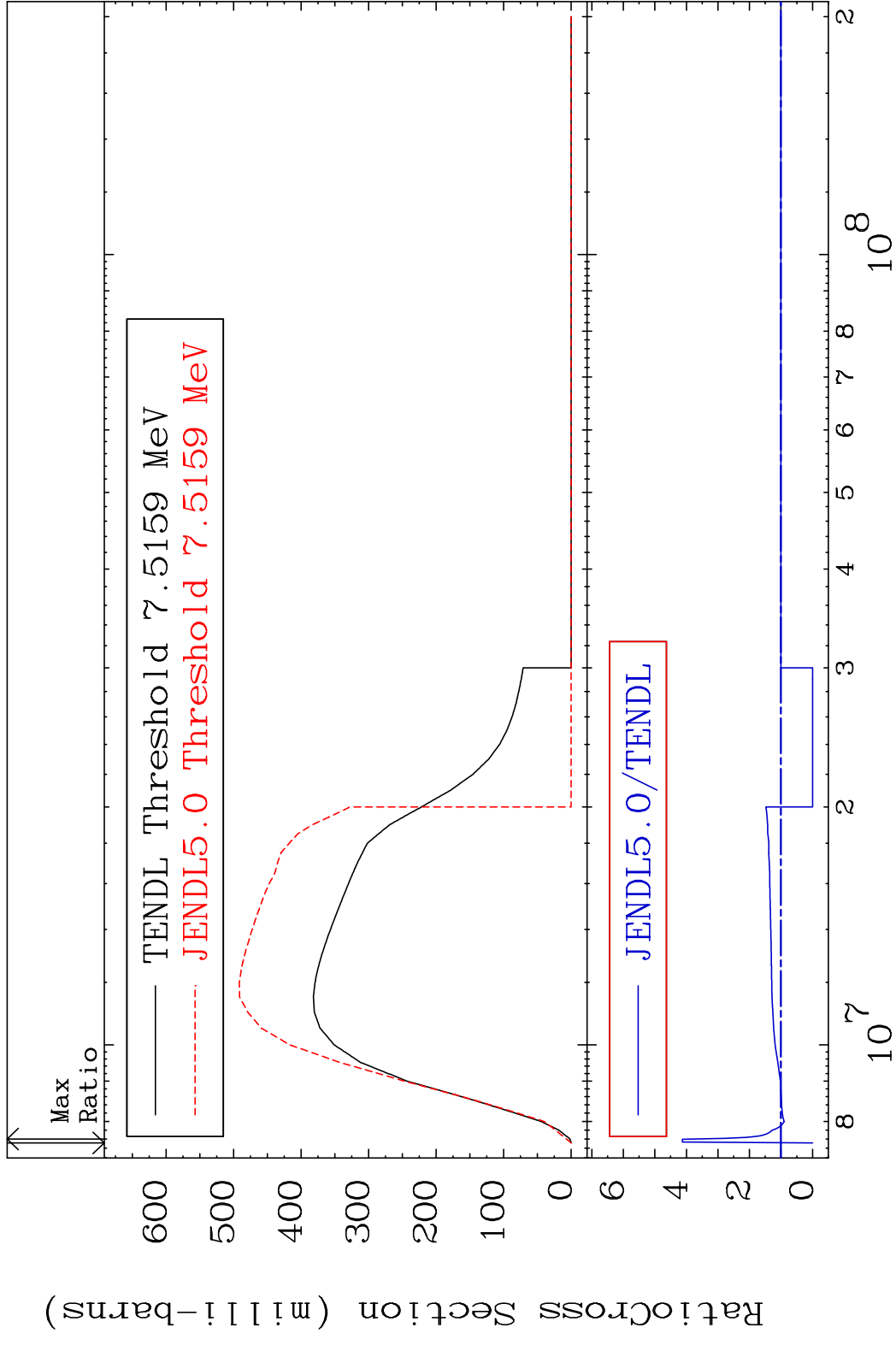


MAT 4522 Inelastic:45-Rh-102m5 45-Rh-102
 Radionuclide Production Cross Section 180.0 mb 357.0 %

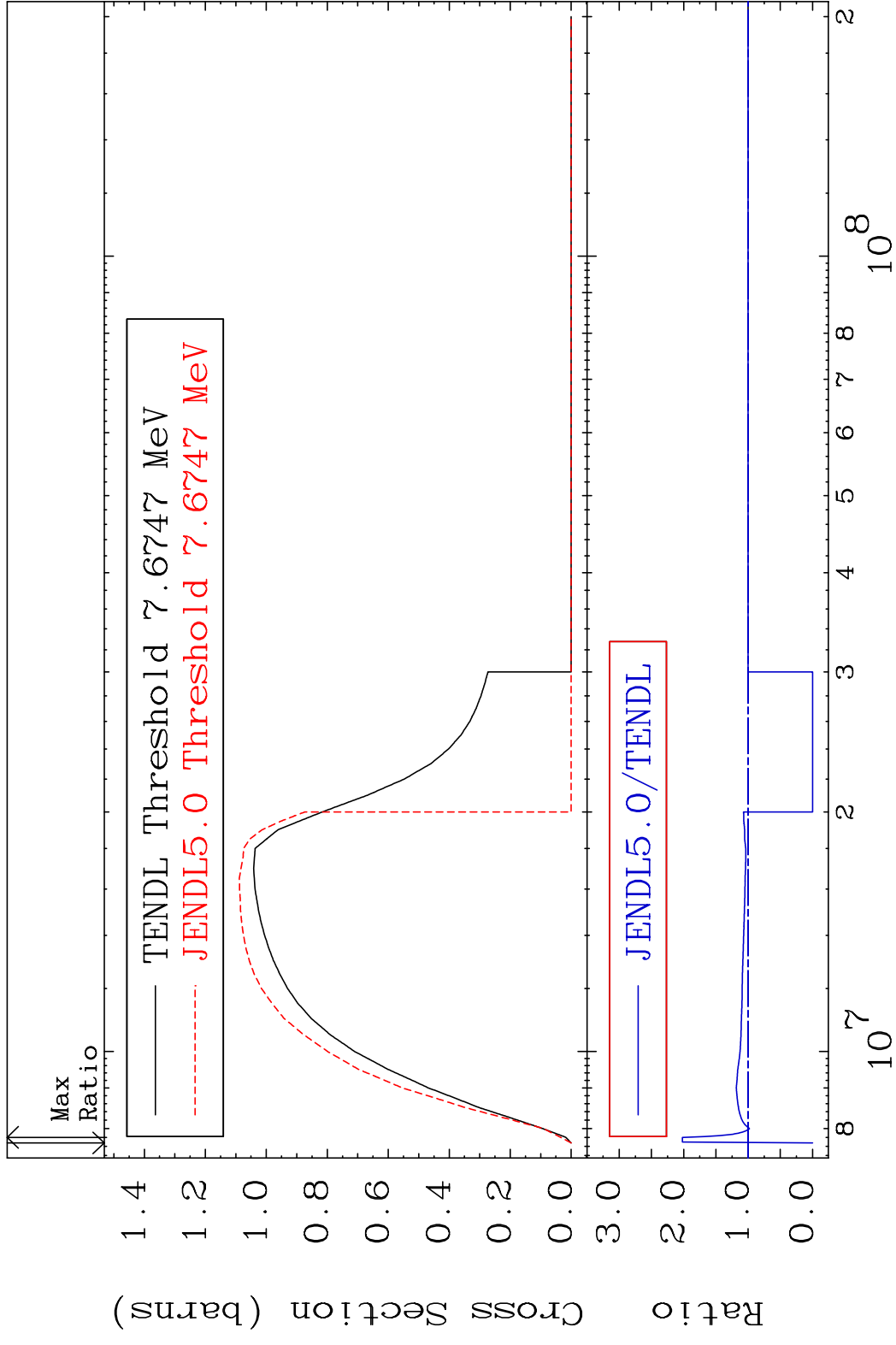


70 45-Rh-102

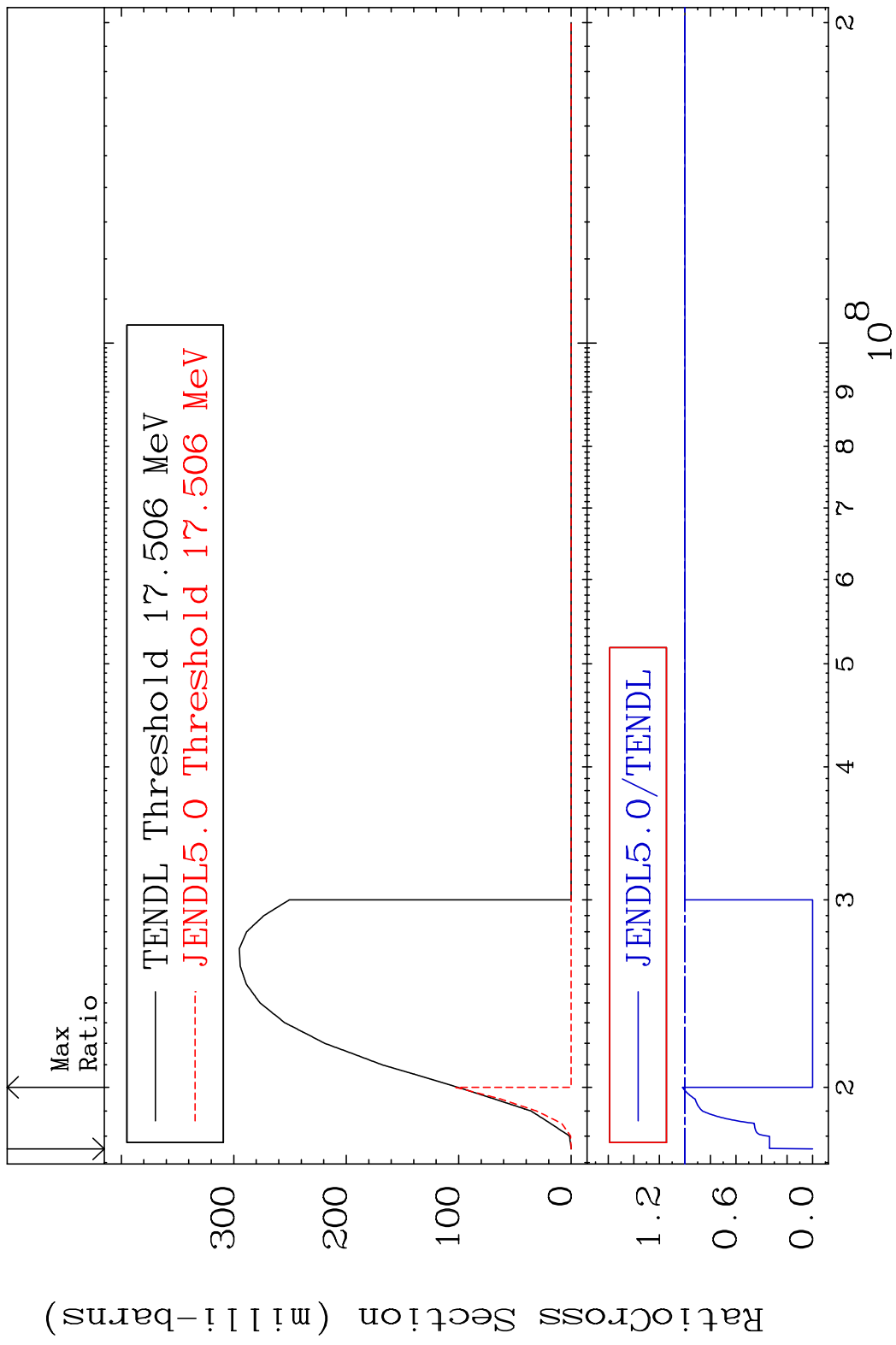
MAT 4522 (n,2n):45-Rh-101g 45-Rh-102
 Radionuclide Production Cross Section Ratio 312.8 %

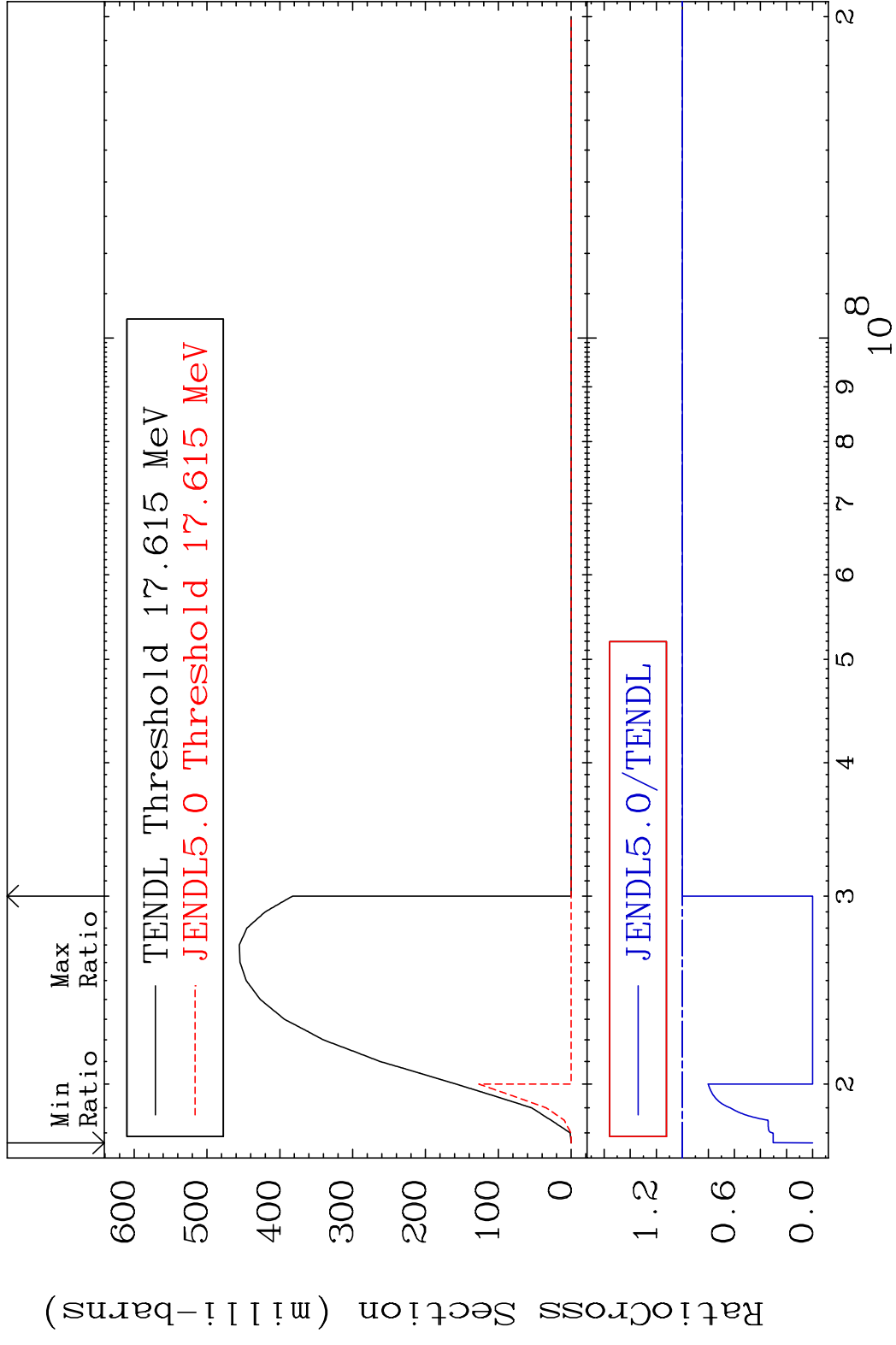


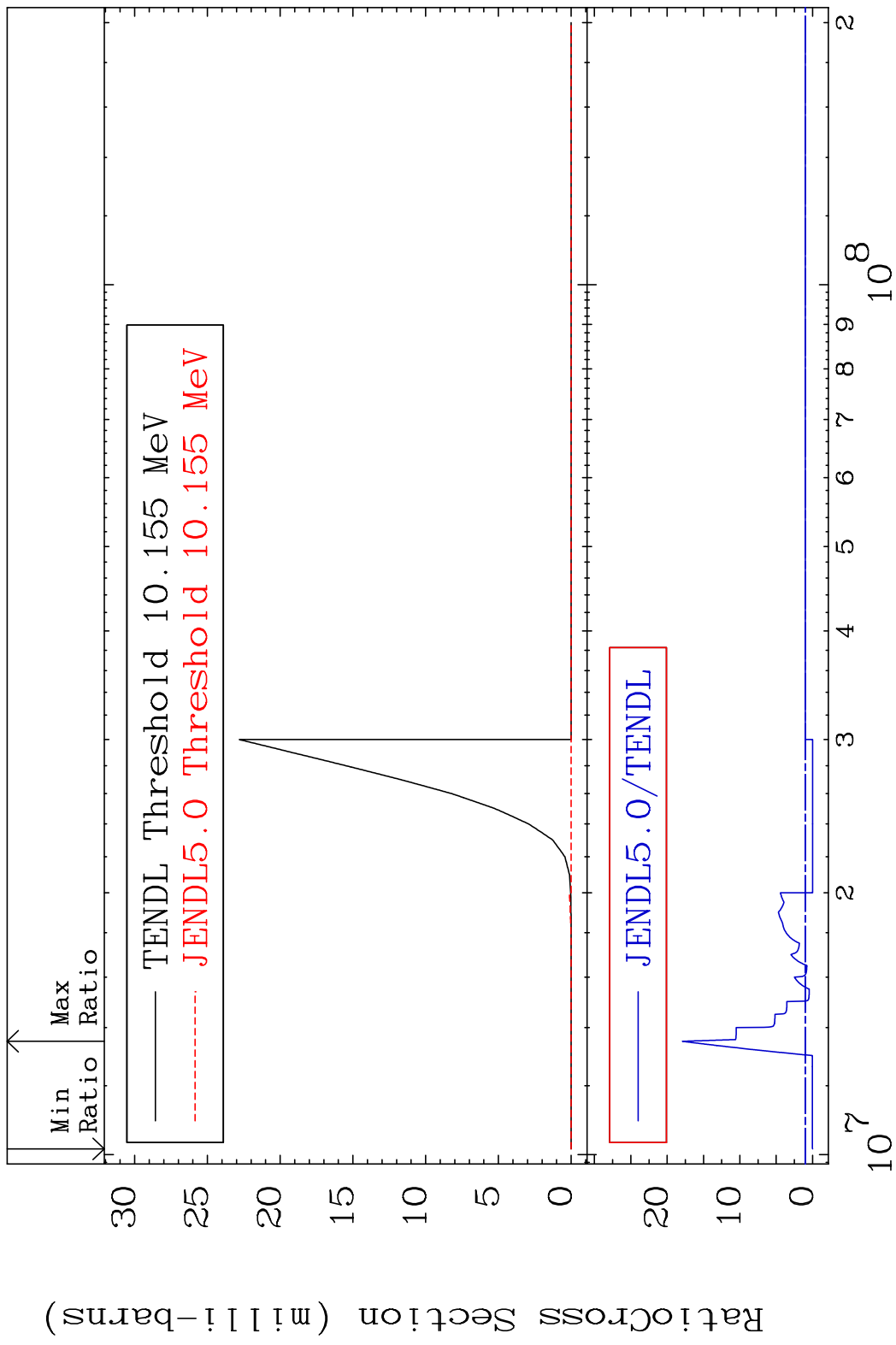
MAT 4522 (n,2n):45-Rh-101m1 45-Rh-102
 Radionuclide Production Cross Section 100.0 %
 Ratio 102.0 %



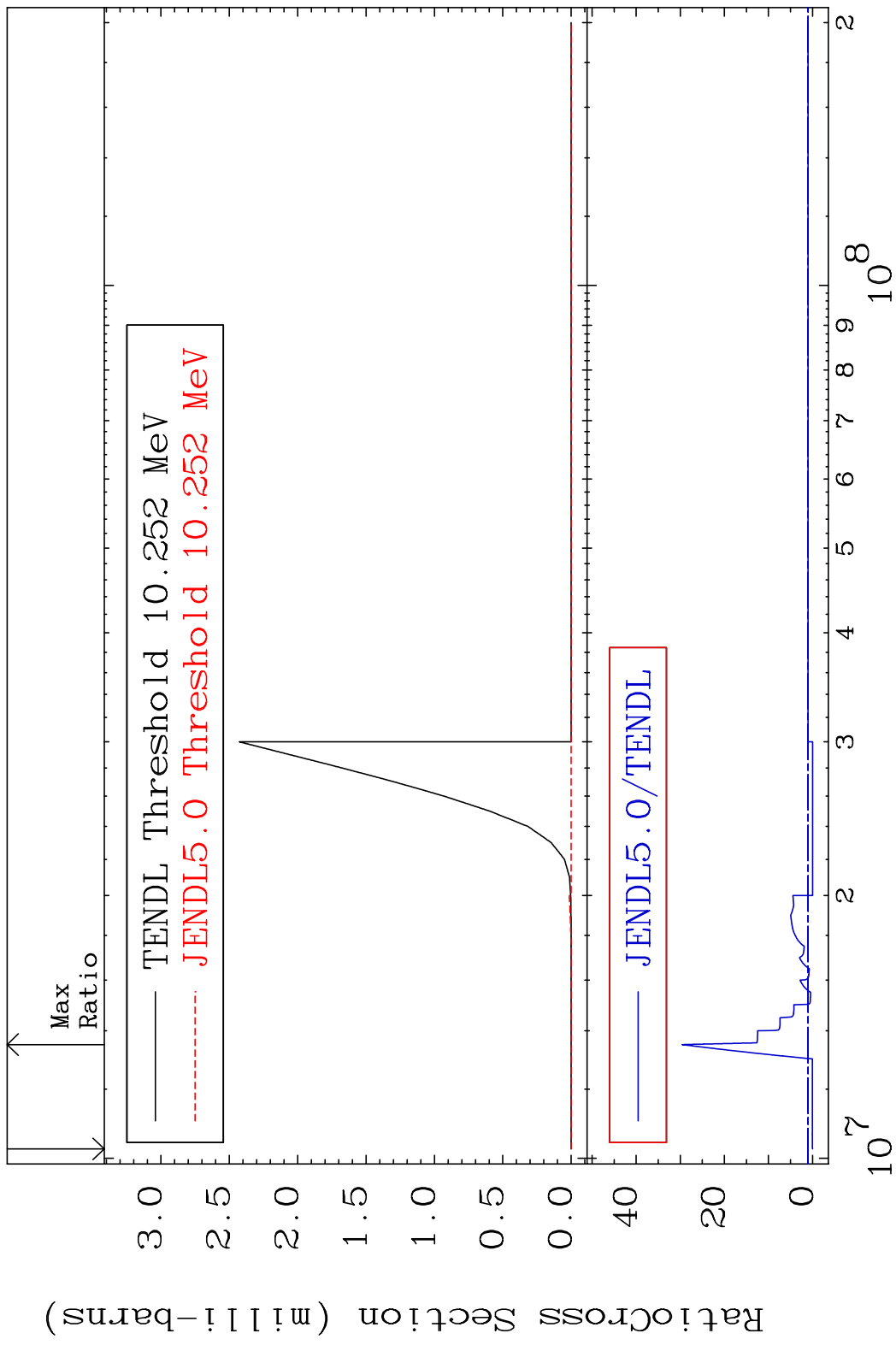
MAT 4522 (n,3n):45-Rh-100g 45-Rh-102
 Radionuclide Production Cross Section 180.01 dth 2.017 %







MAT 4522 (n,2n) α :43-Tc-97m1 45-Rh-102
 Radionuclide Production Cross Section 180.01 dth 2852. %



76 Incident Energy (eV) 45-Rh-102

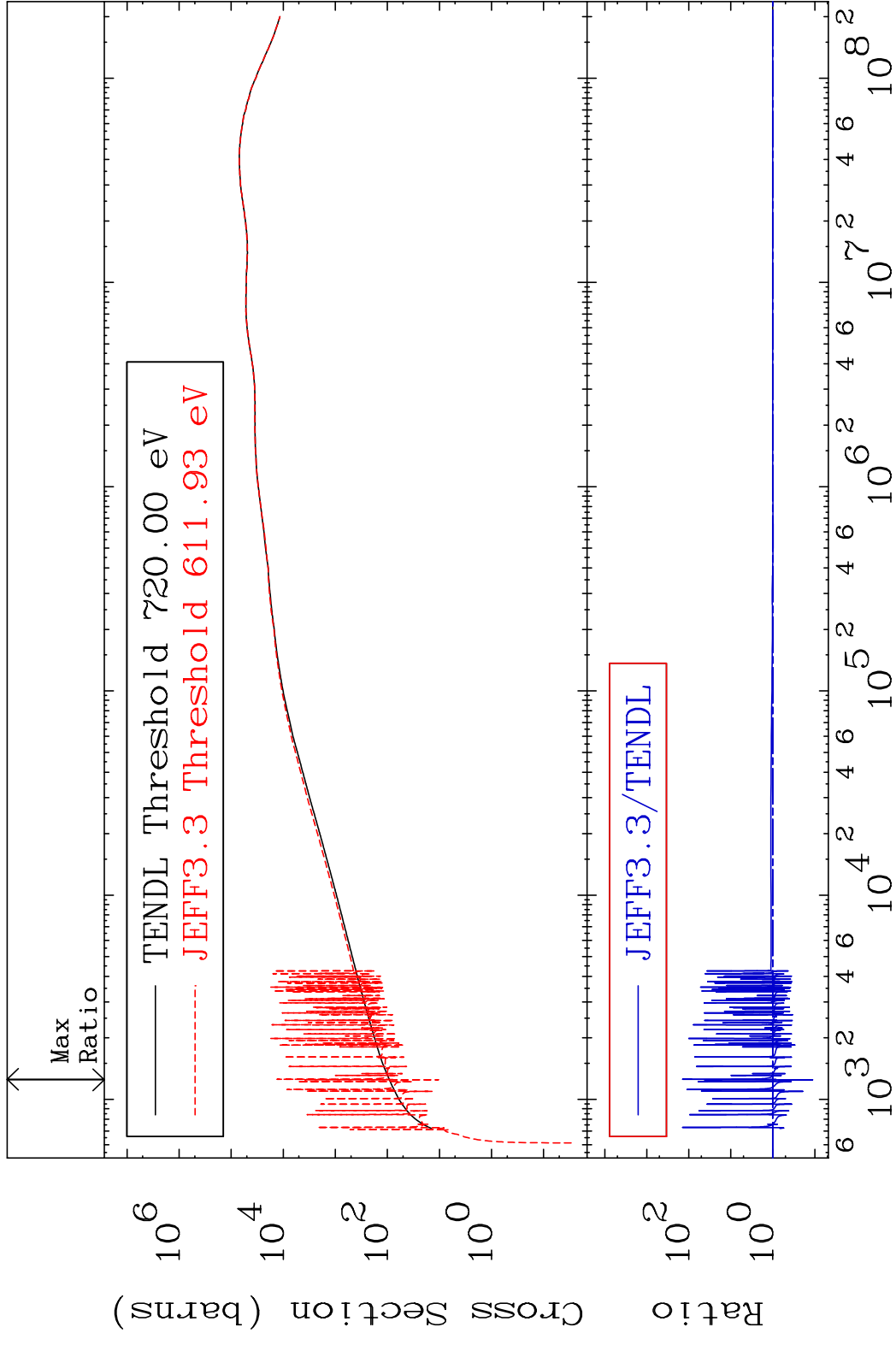
MAT 4522

Dpa elastic (mt2)

45-Rh-102

Cross Section

-88.69 To 9999. %

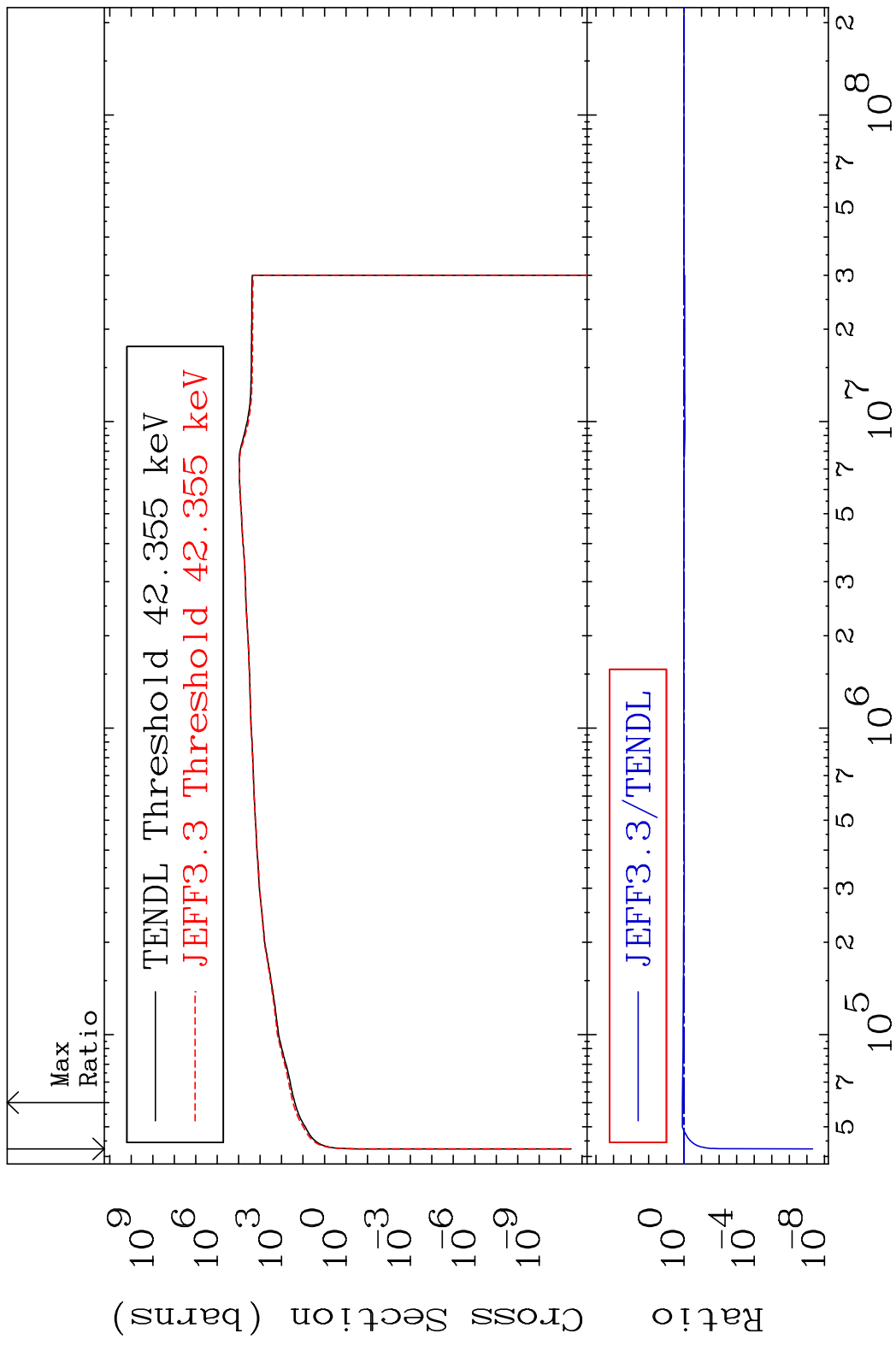


77

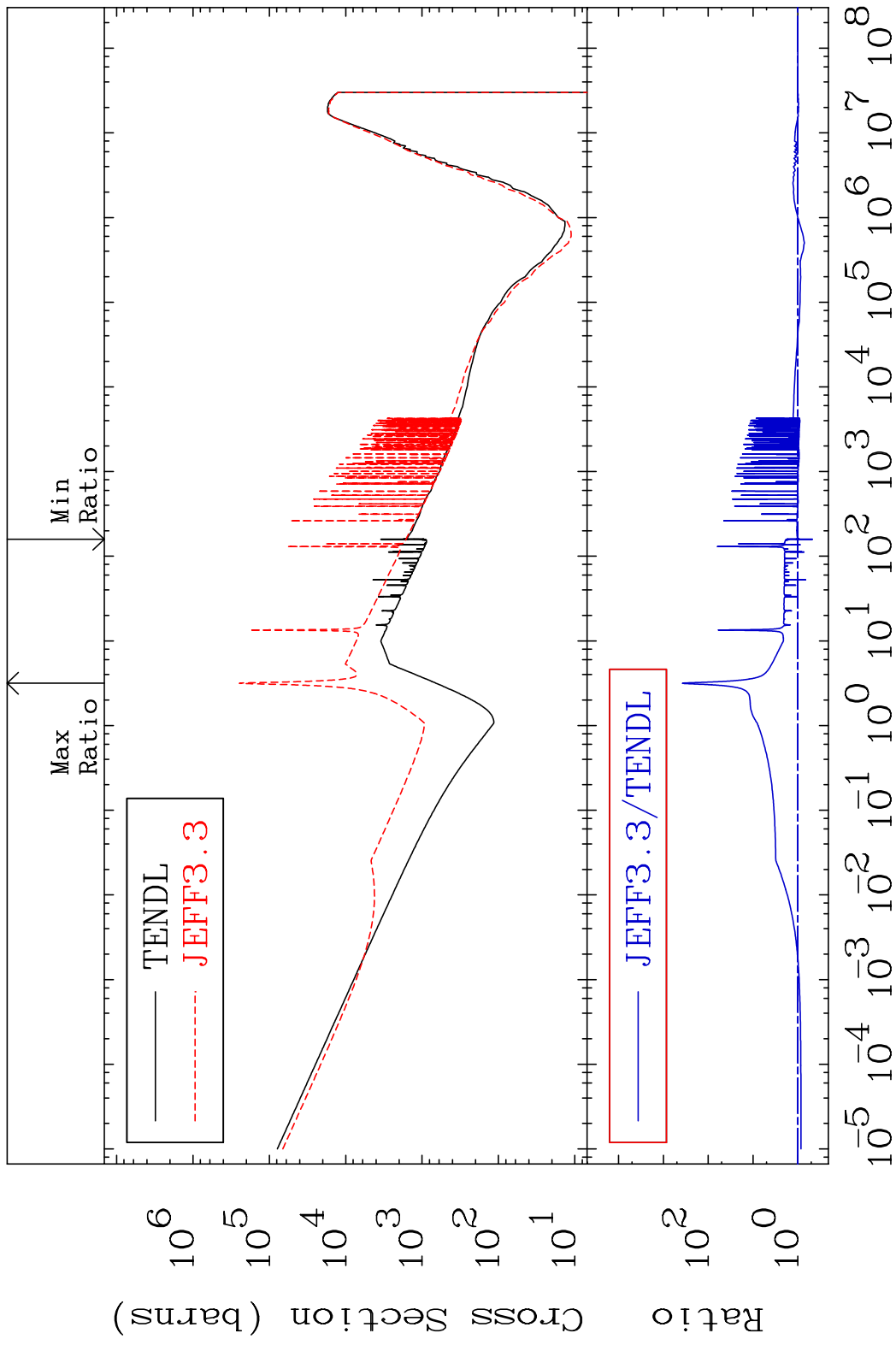
Incident Energy (eV)

45-Rh-102

MAT 4522 Dpa inelastic (mt51-91) 45-Rh-102
 Cross Section -100.0 To 22.59 %

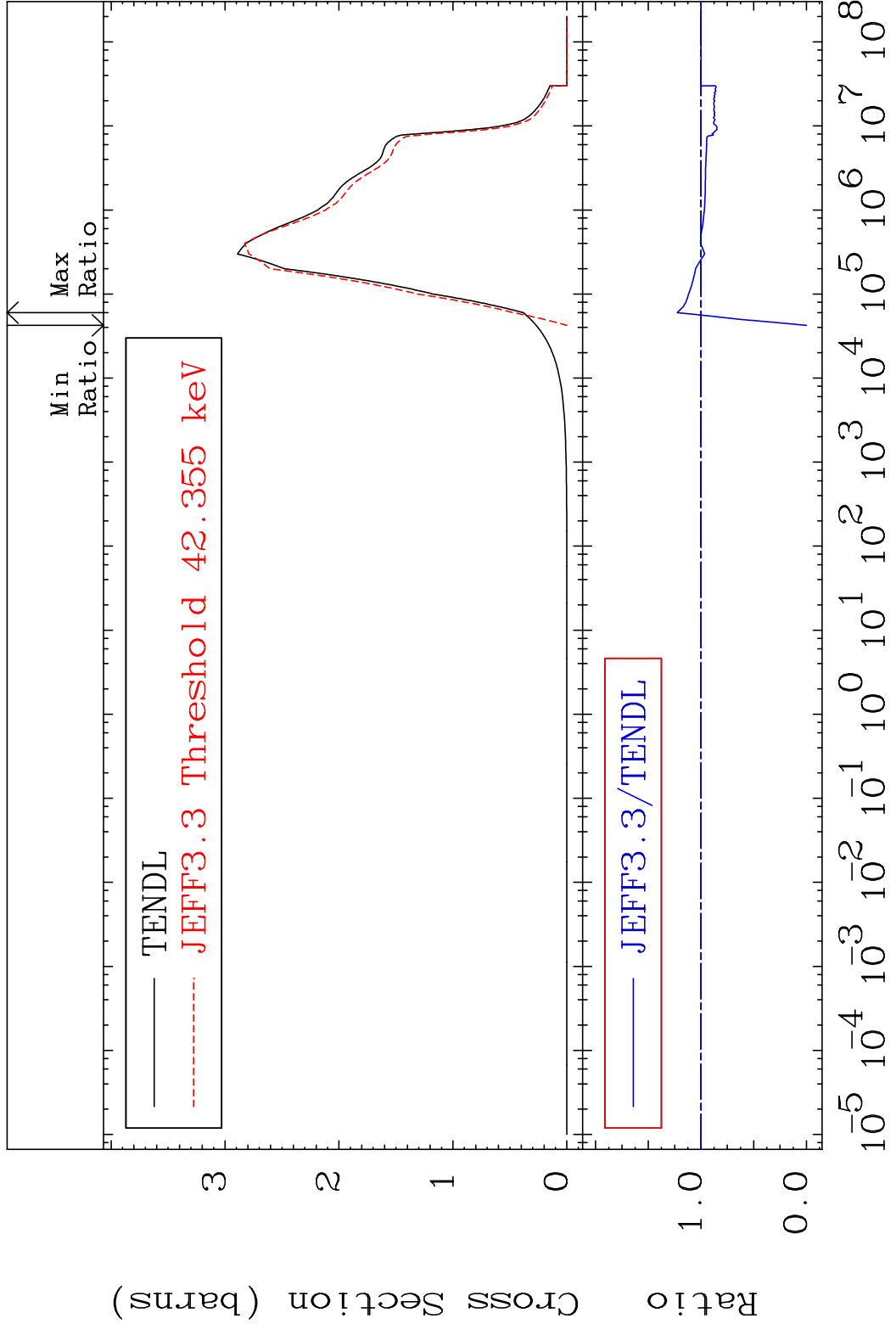


MAT 4522 Dpa disappearance (mt102 -120) 45-Rh-102
 Cross Section -53.23 To 9999. %

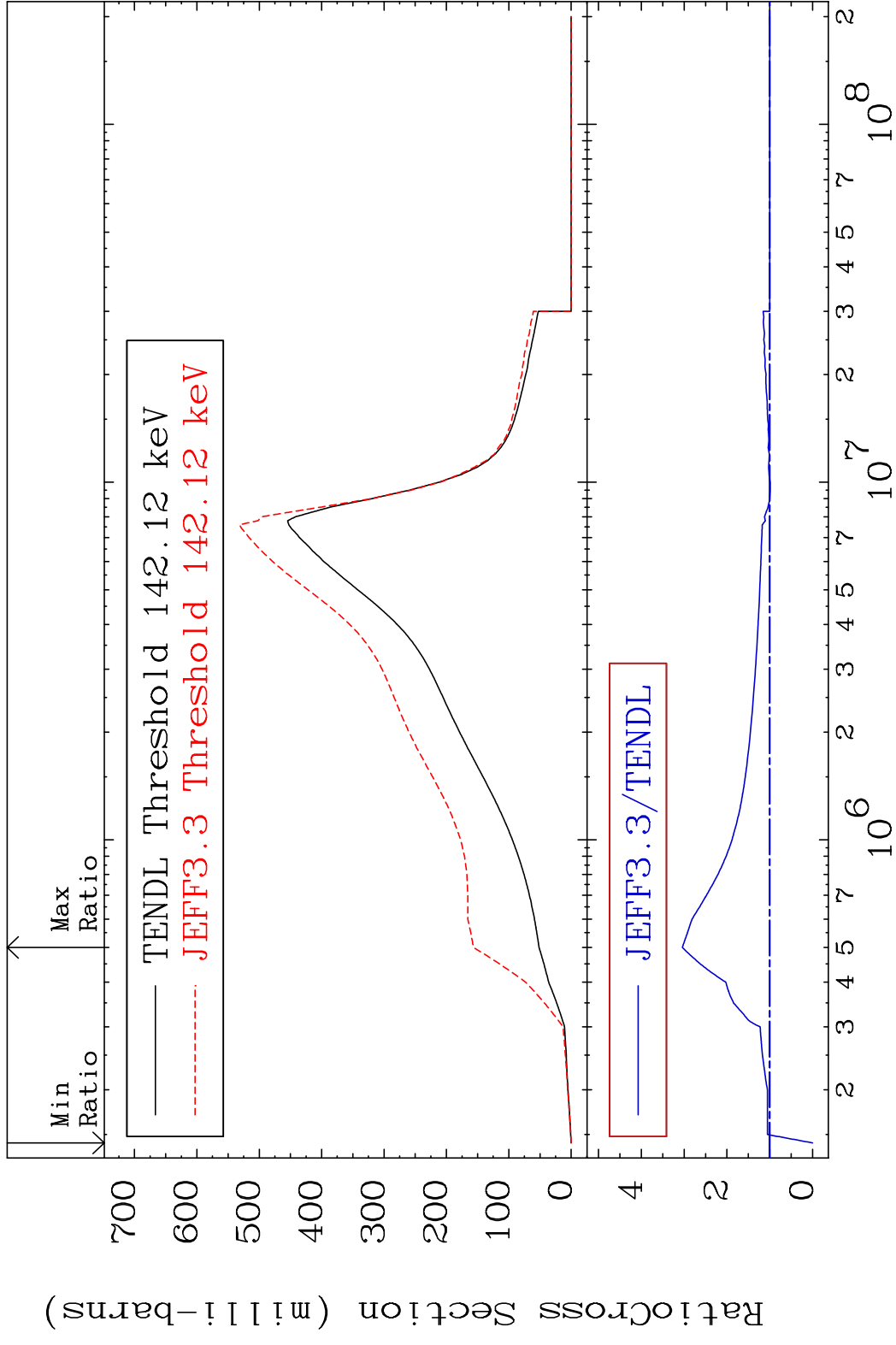


79 Incident Energy (eV) 45-Rh-102

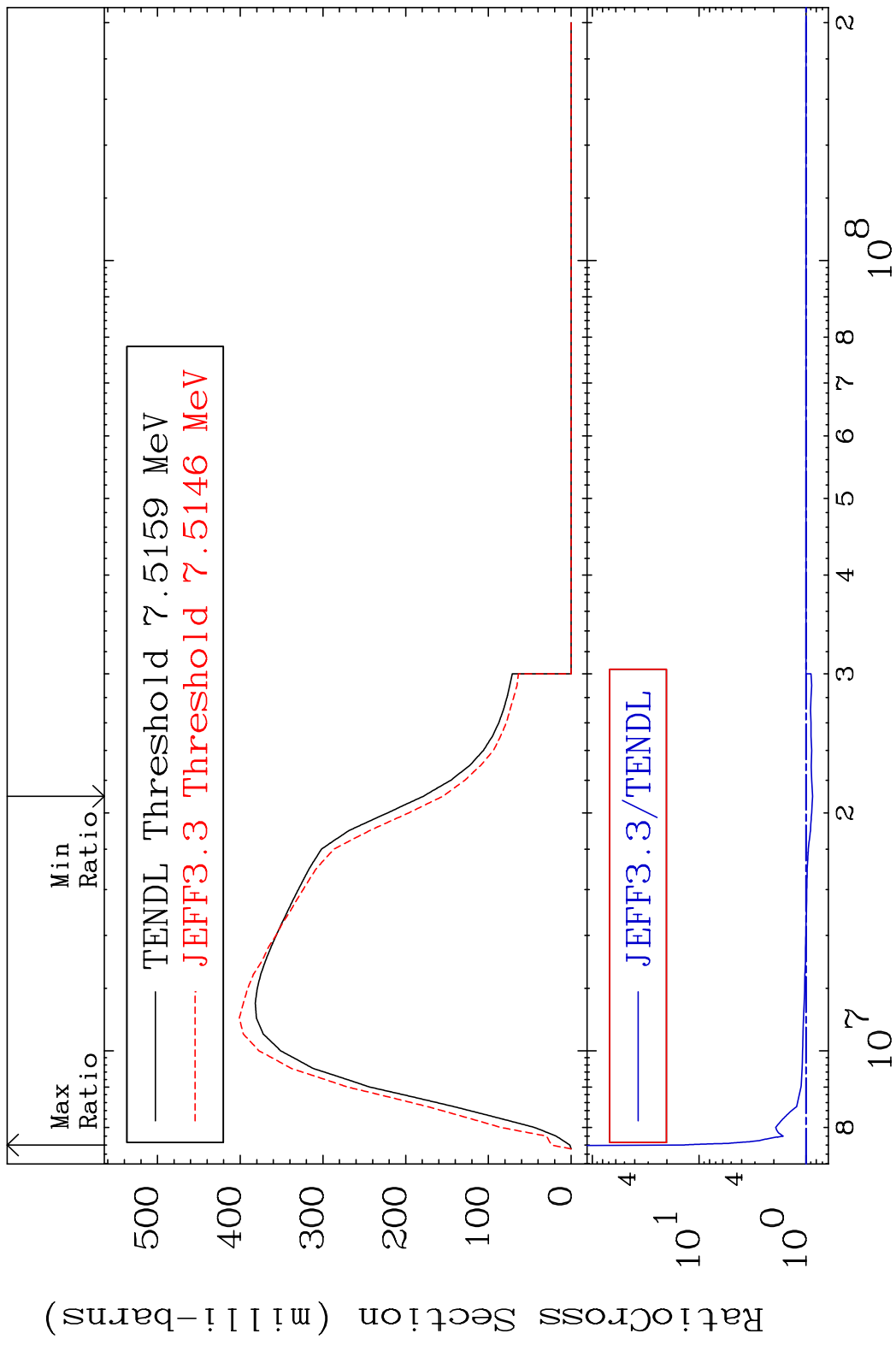
MAT 4522 Inelastic: 45-Rh-102g 45-Rh-102
 Radionuclide Production Cross Section Ratio 22.59 %



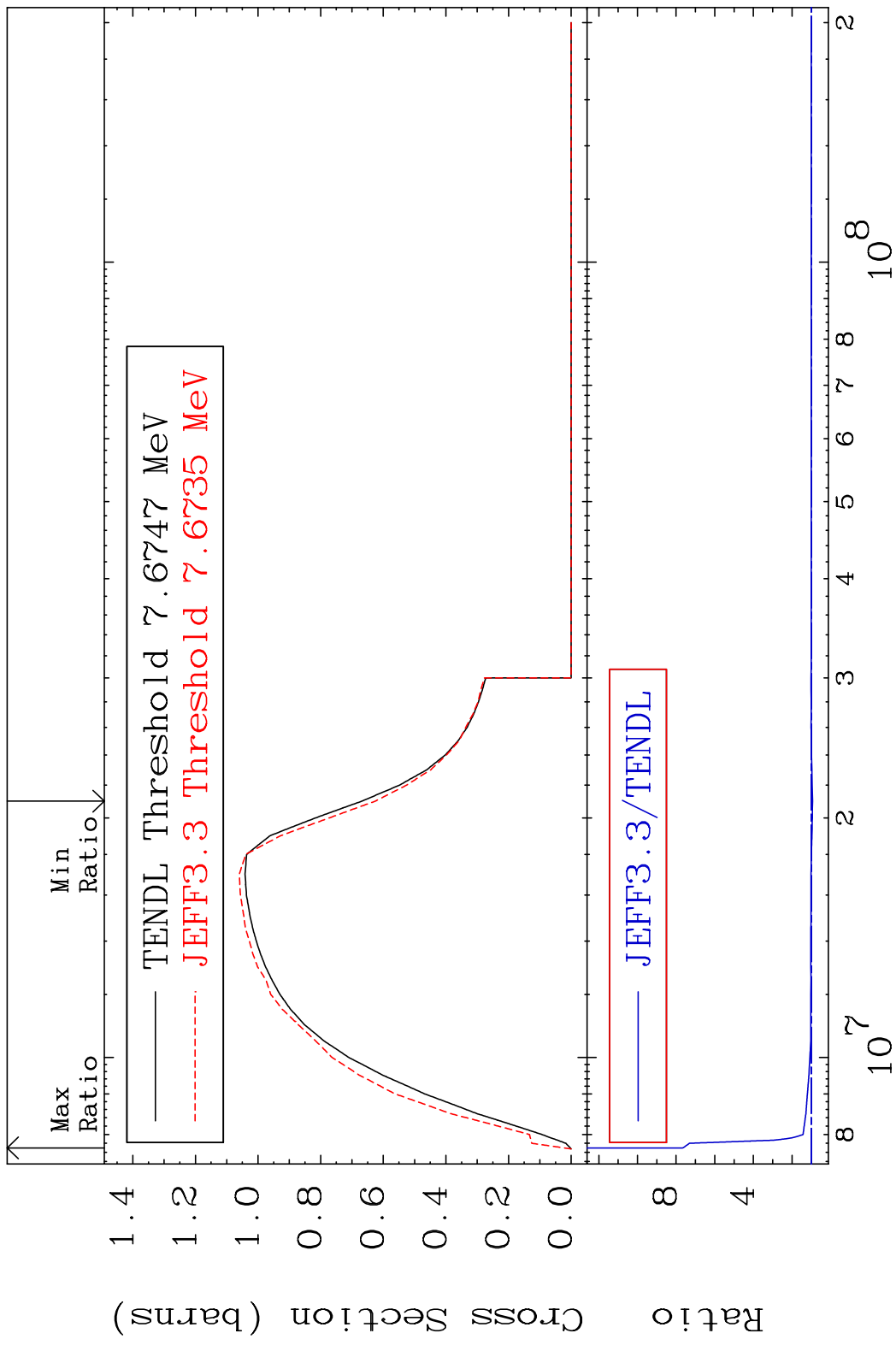
80 Incident Energy (eV) 45-Rh-102



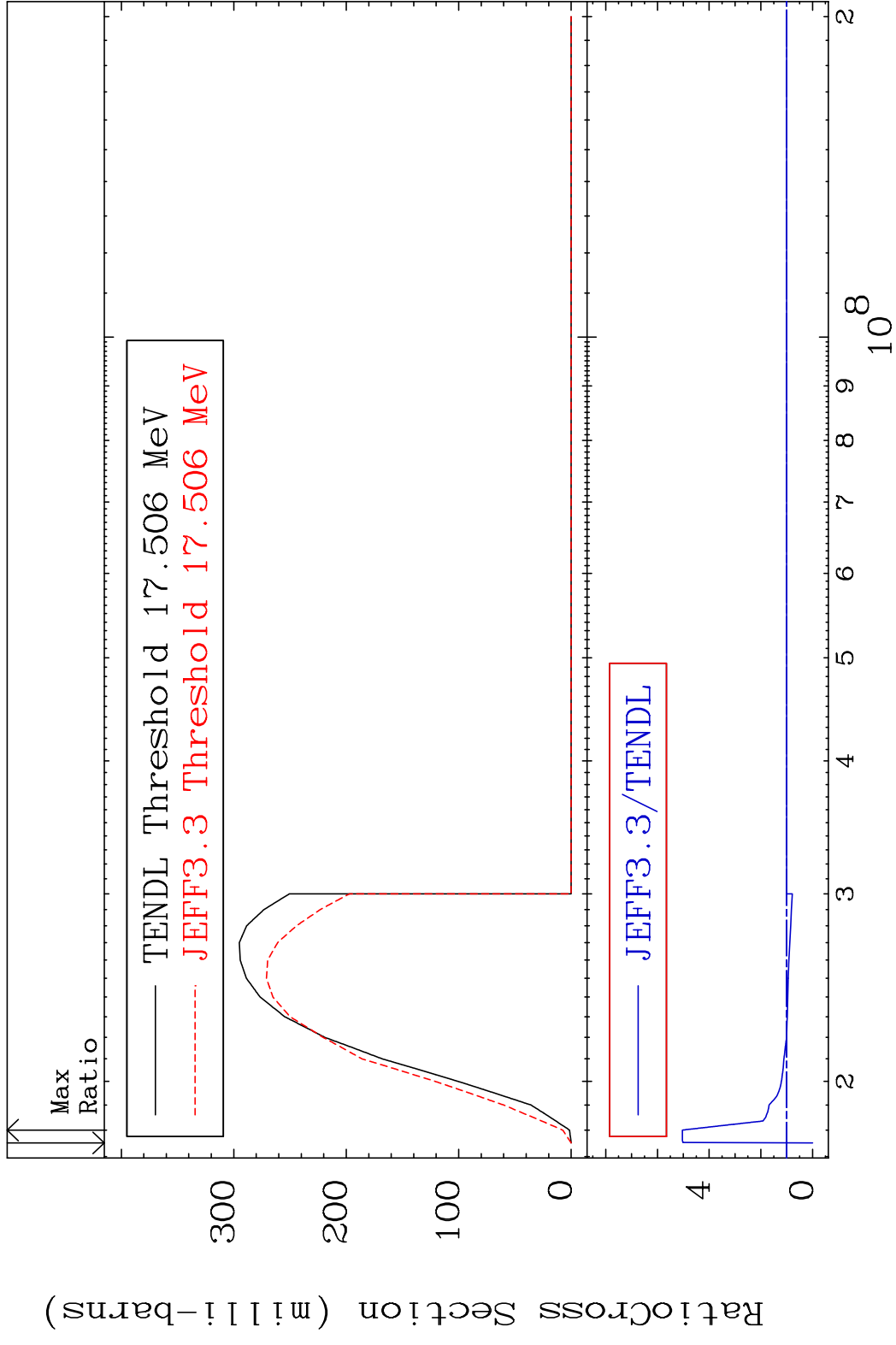
MAT 4522 (n,2n):45-Rh-101g 45-Rh-102
 Radionuclide Production Cross Section 1334. %
 1334. %



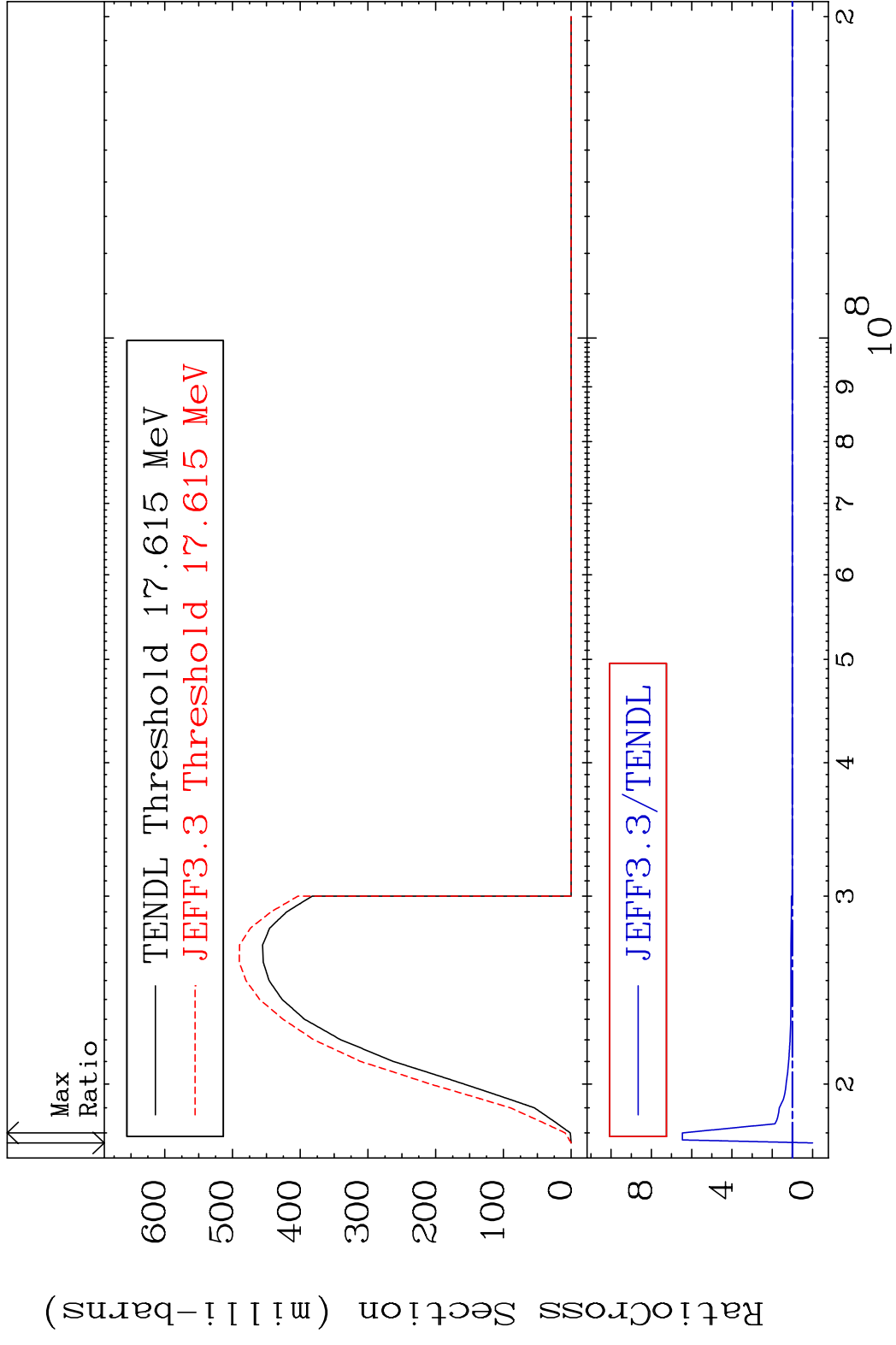
82 Incident Energy (eV) 45-Rh-102



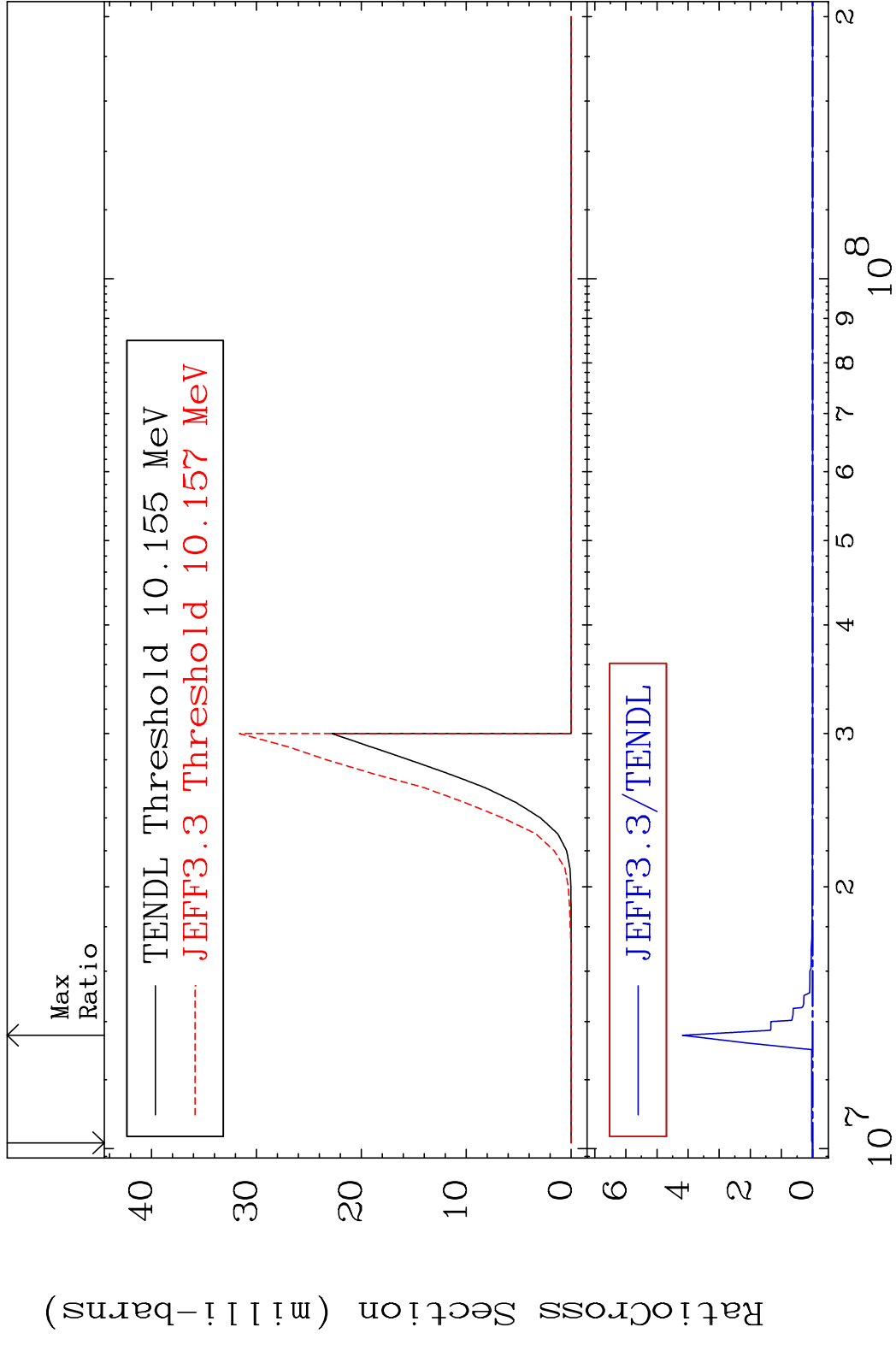
MAT 4522 (n,3n):45-Rh-100g 45-Rh-102
 Radionuclide Production Cross Section Ratio 403.6 %



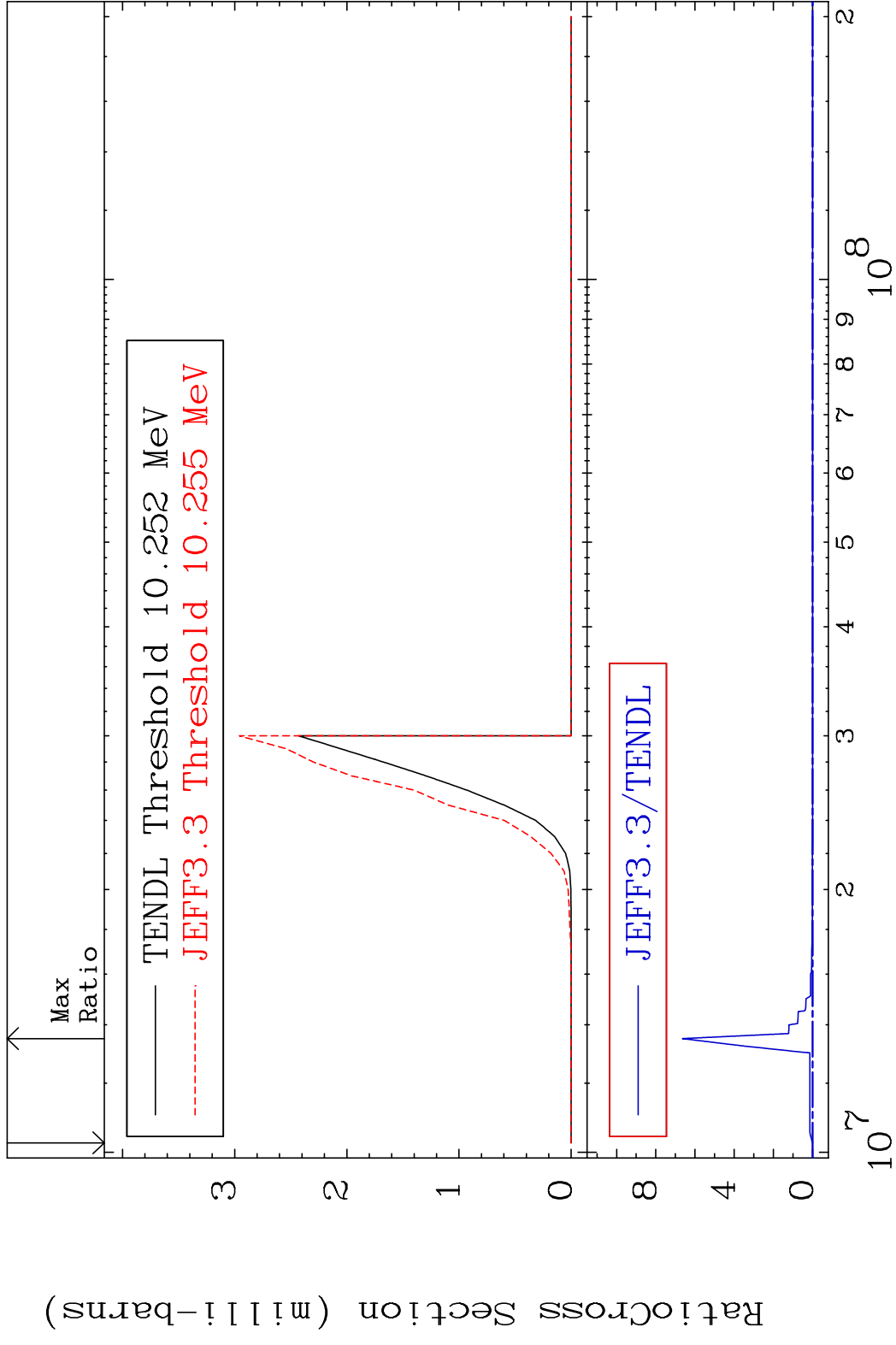
MAT 4522 (n, 3n) : 45-Rh-100m4 45-Rh-102
 Radionuclide Production Cross Section 180.0 dth 546.4 %



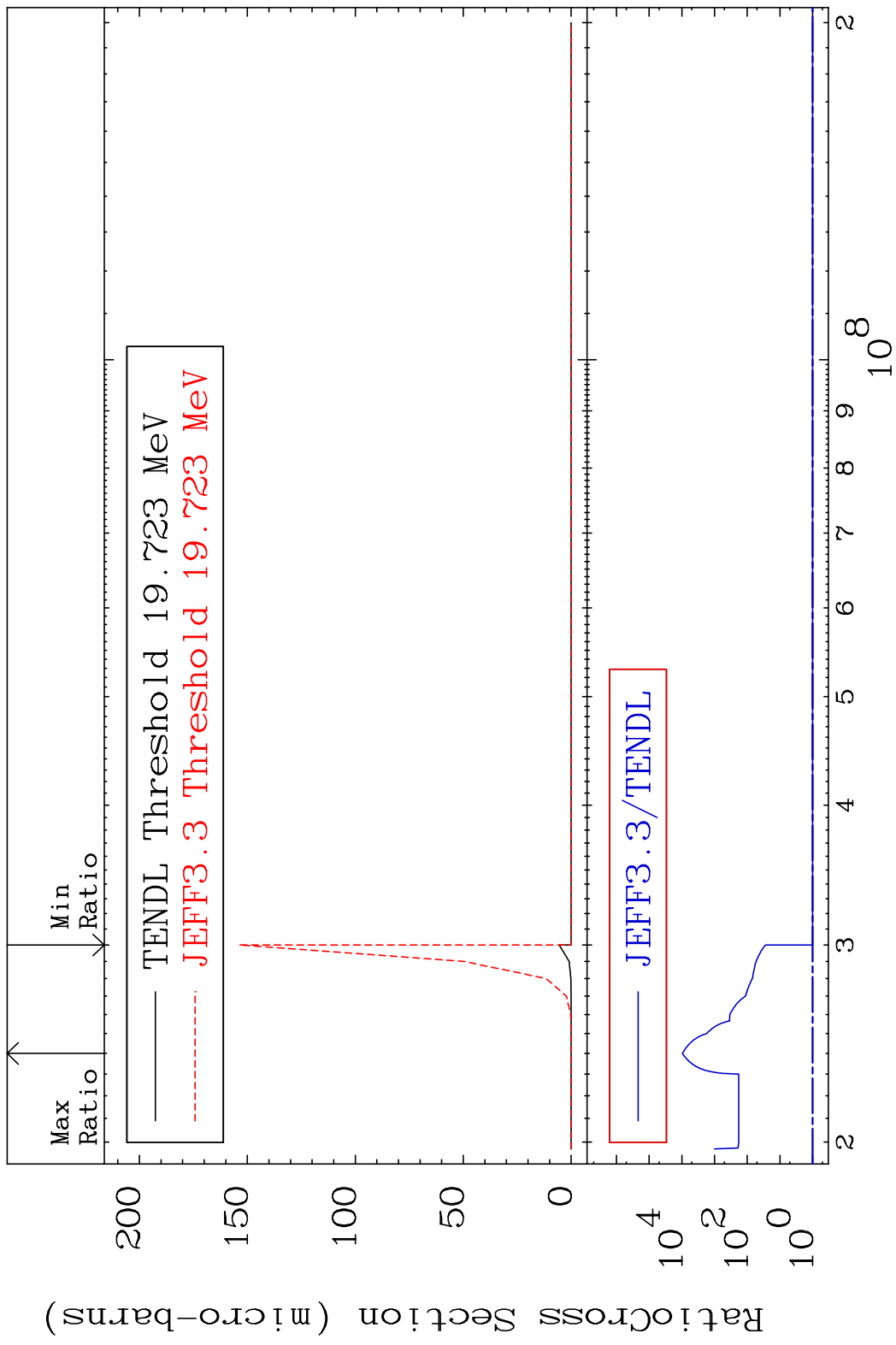
MAT 4522 (n,2n) α :43-Tc-97g 45-Rh-102
 Radionuclide Production Cross Section 100.00 dth 9999. %

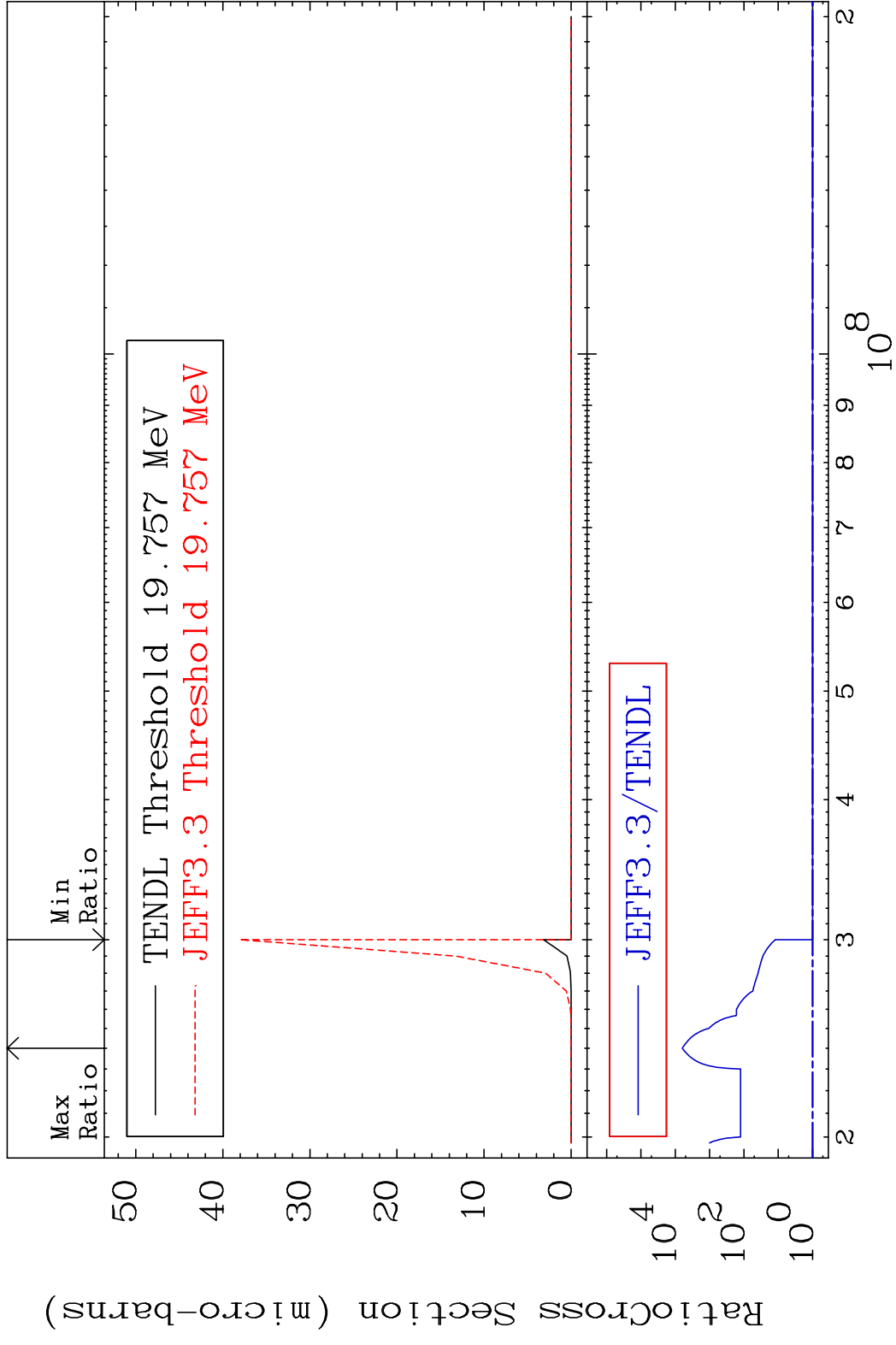


MAT 4522 (n,2n) α :43-Tc-97m1 45-Rh-102
 Radionuclide Production Cross Section Ratio 9999. %

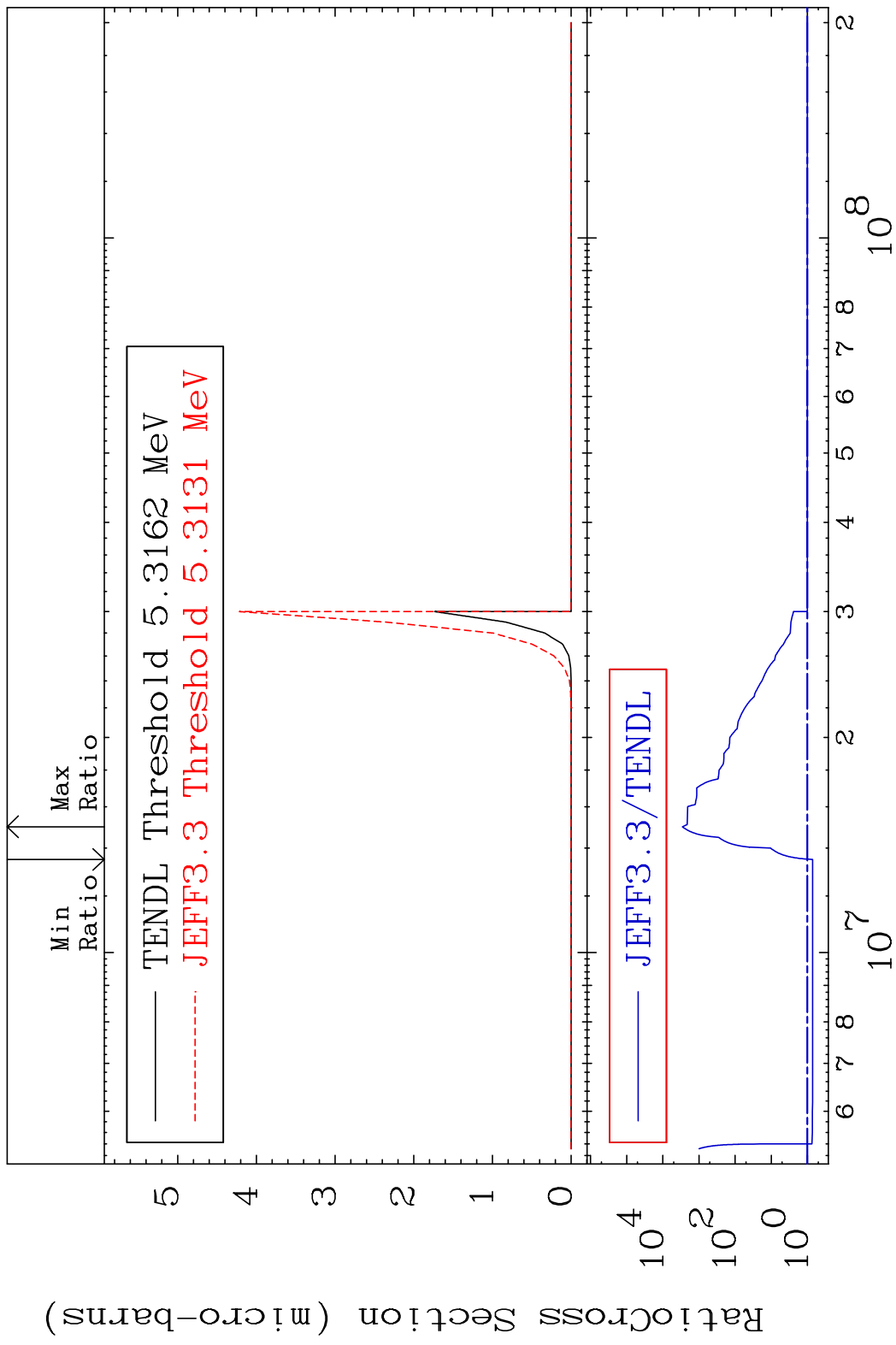


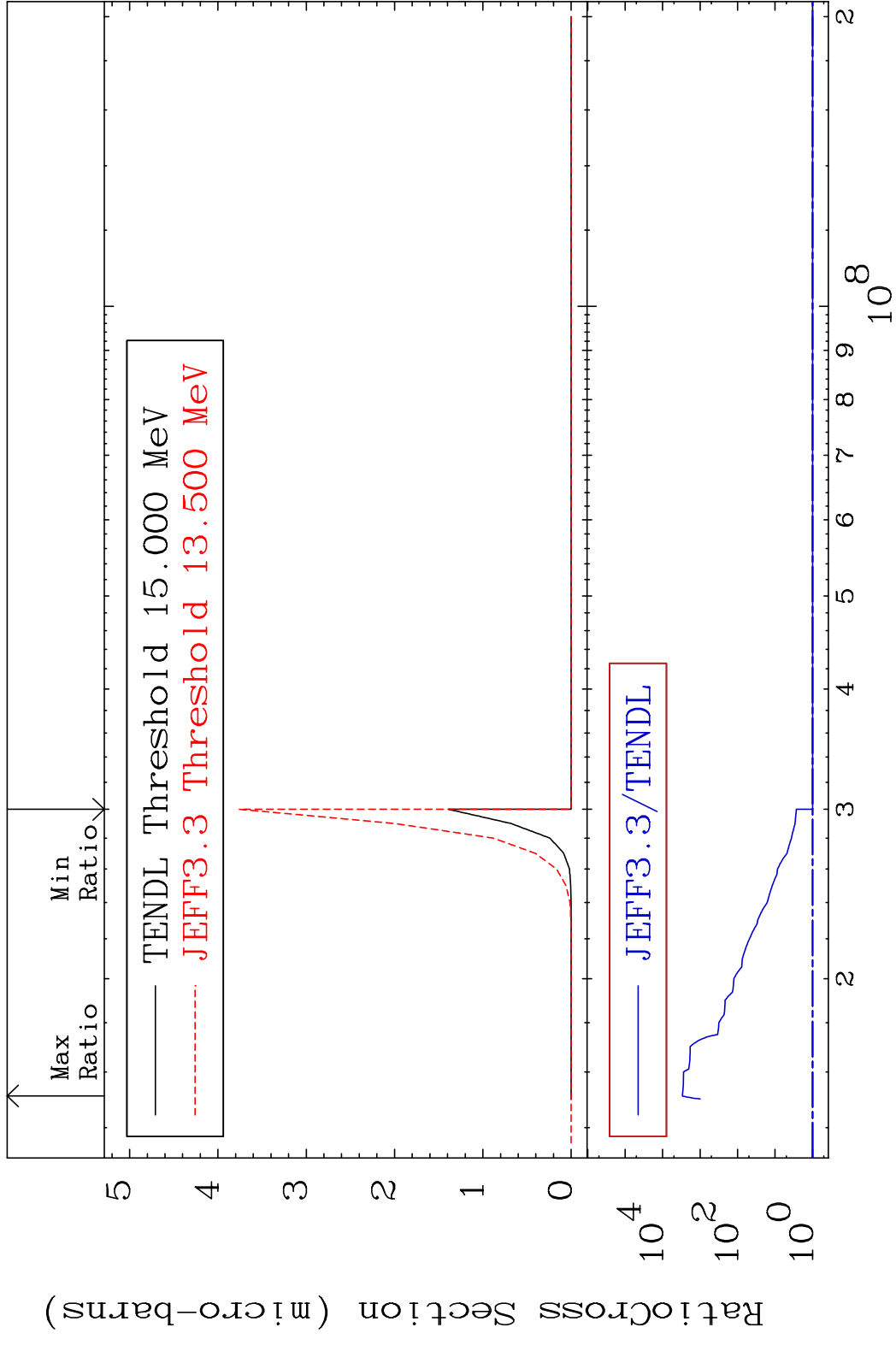
MAT 4522 (n, 3n) α : 43-Tc-96g 45-Rh-102
 Radionuclide Production Cross Section, %

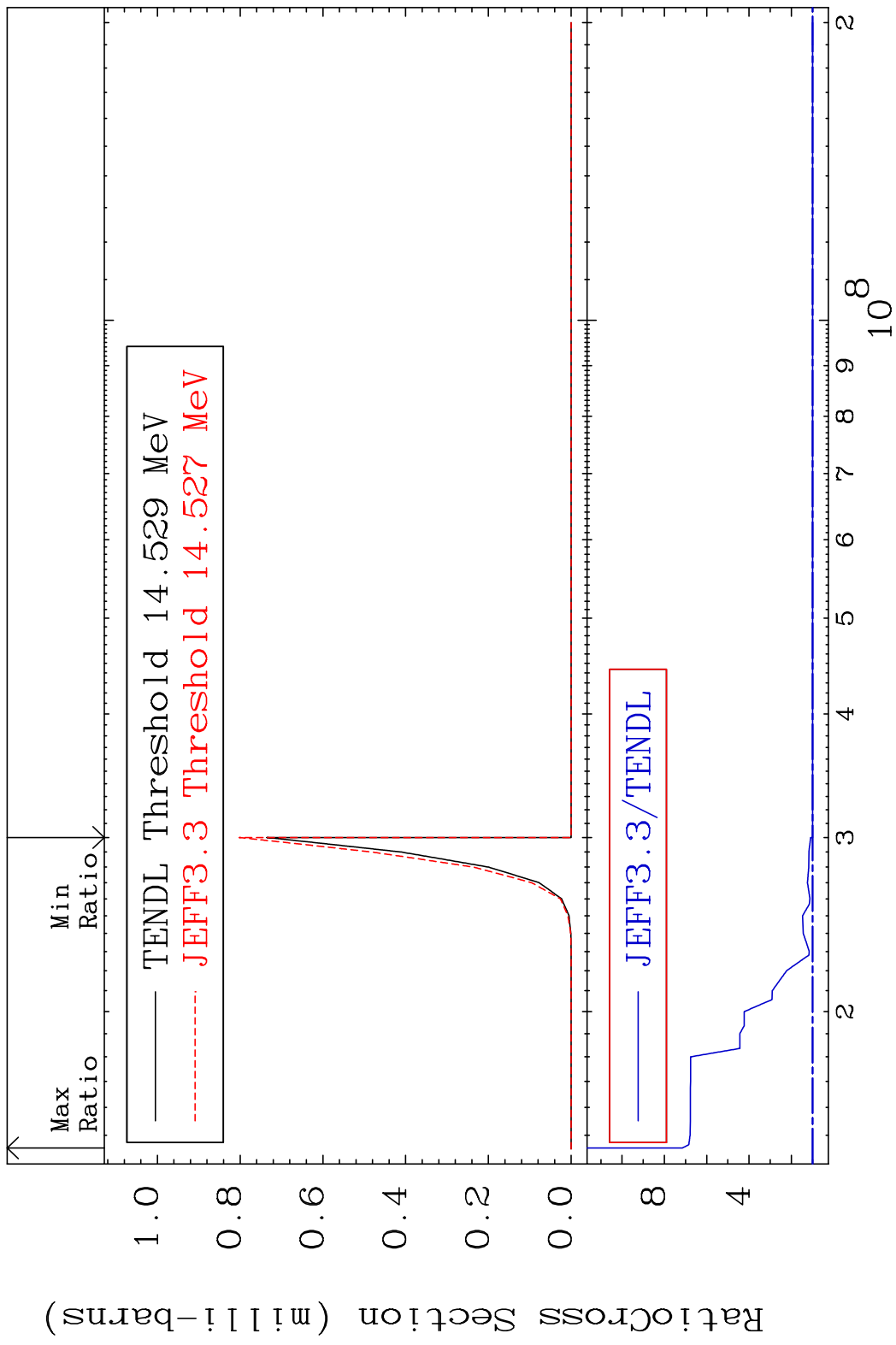


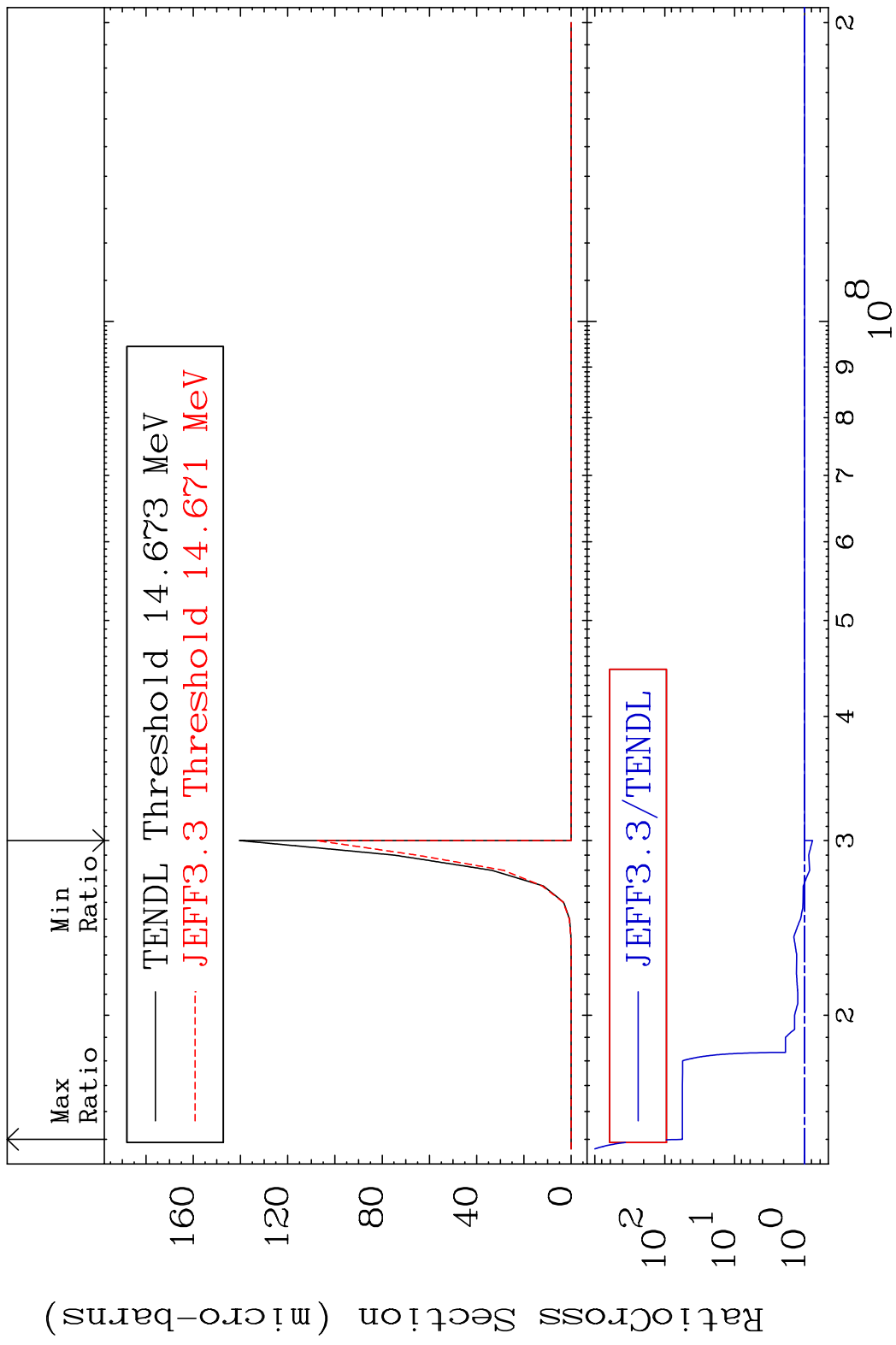


MAT 4522 (n, n') 2α:41-Nb-94g 45-Rh-102
 Radionuclide Production Cross Section 9999. %

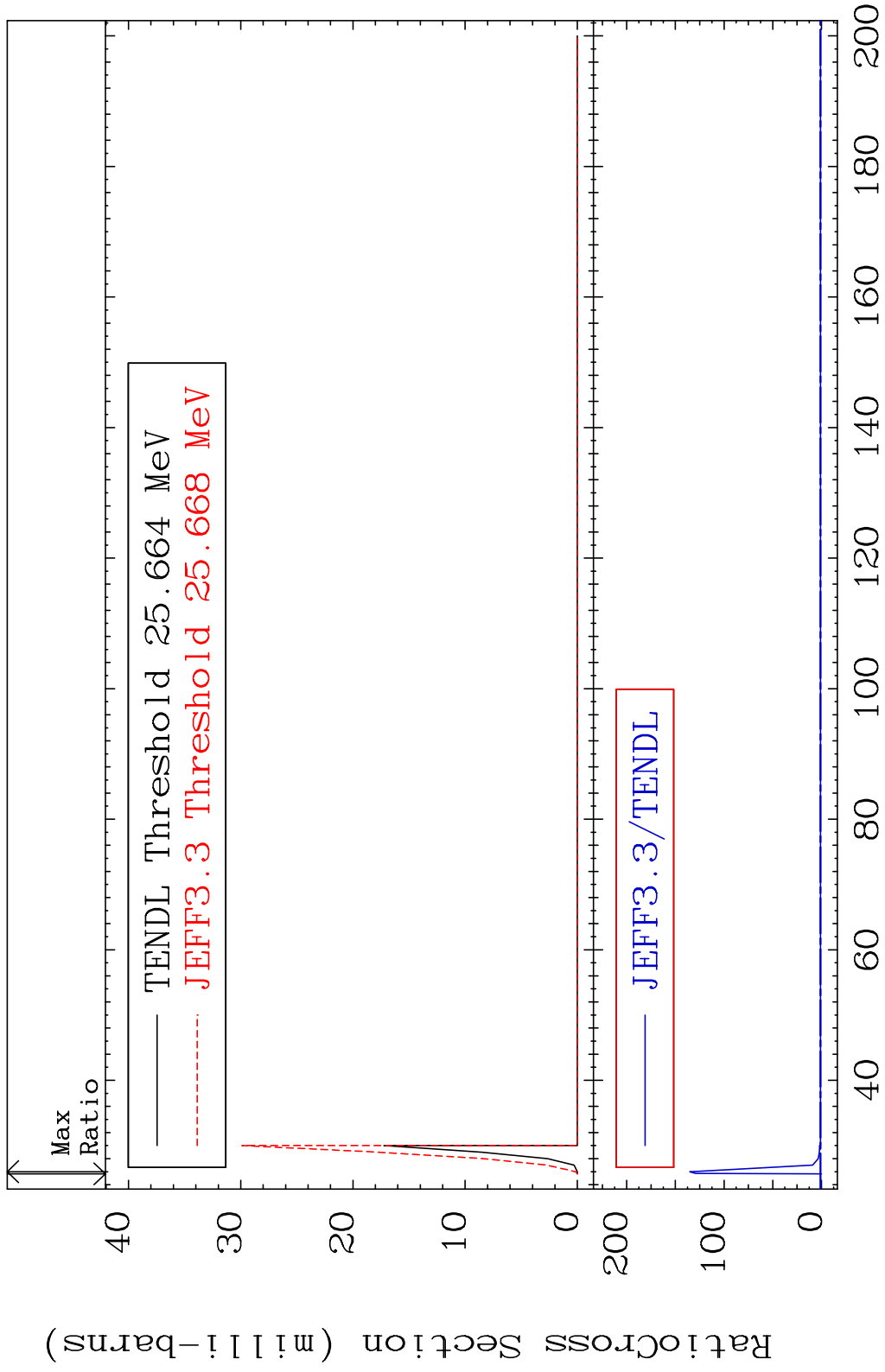








MAT 4522 (n,4n):45-Rh-99g 45-Rh-102
 Radionuclide Production Cross Section (%)



MAT 4522 (n,4n) : 45-Rh-99m1 45-Rh-102
 Radionuclide Production Cross Section Ratio 9999. %

