

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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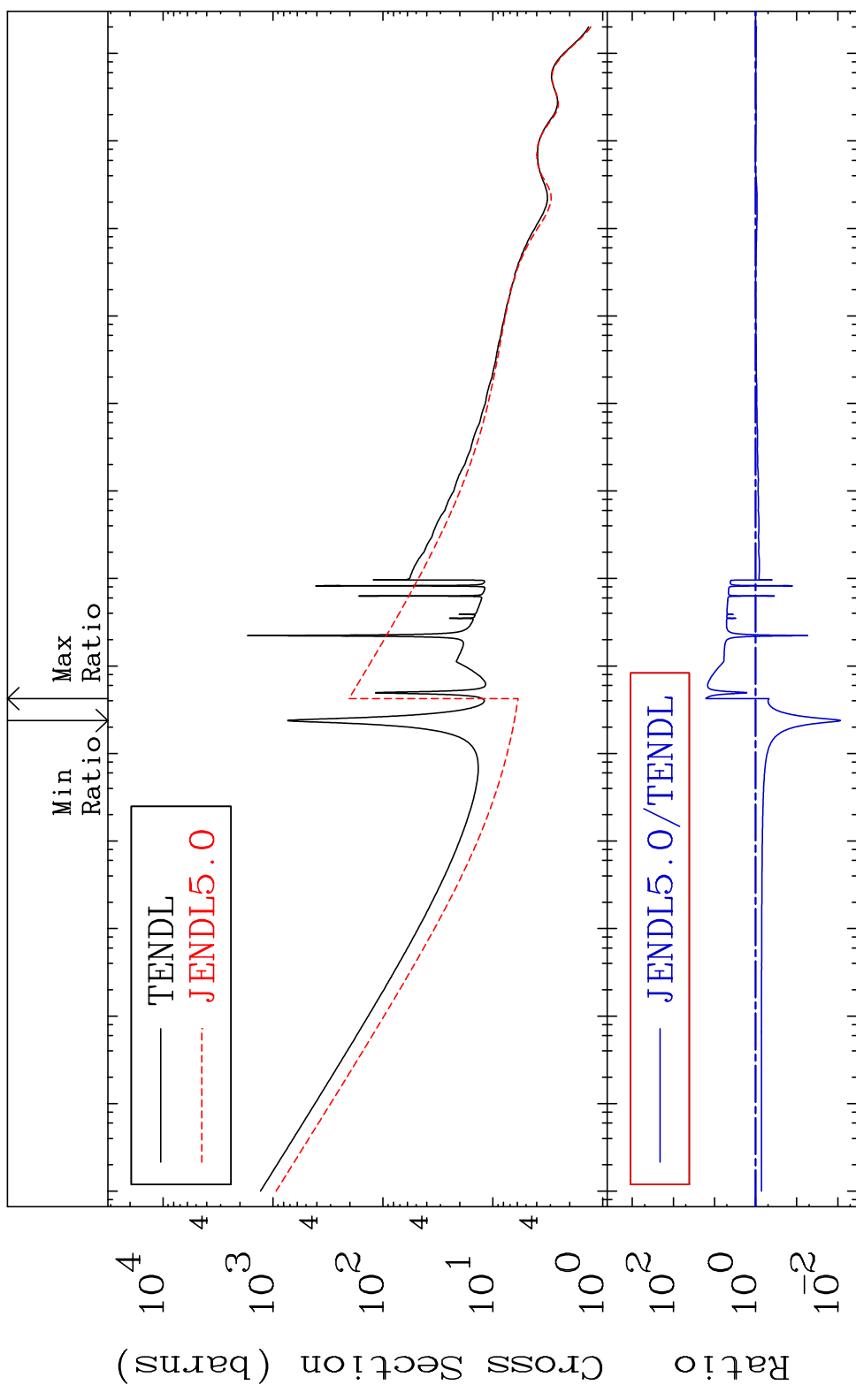
Press Mouse Button to Start

MAT 3322

Total

33-As-74

Cross Section -99.14 To 1532. %



10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵

10⁸ 10⁷ 10⁶ 10⁵ 10⁴ 10³ 10² 10¹ 10⁰ 10⁻¹ 10⁻² 10⁻³ 10⁻⁴ 10⁻⁵

1

Incident Energy (eV)

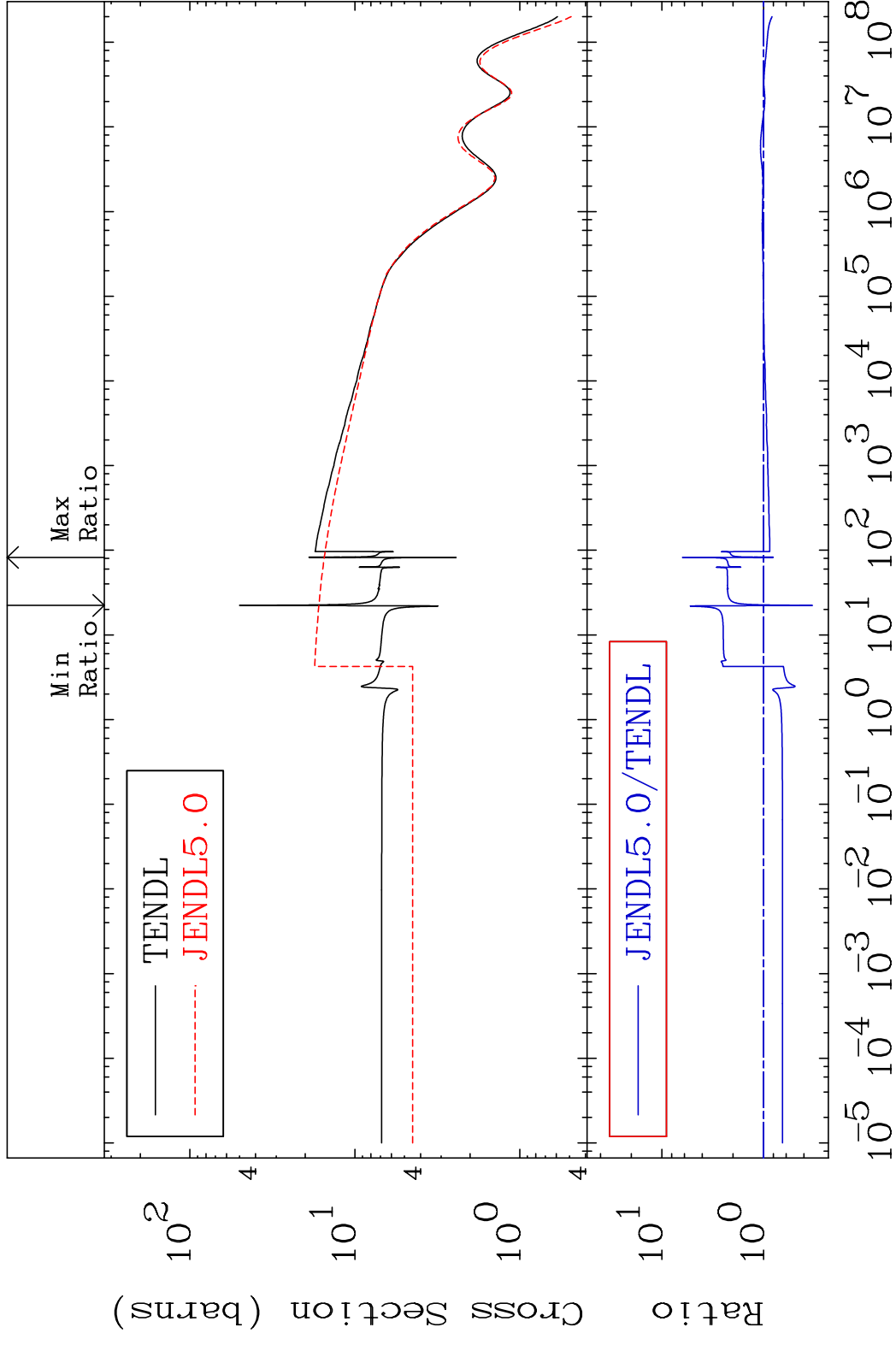
33-As-74

MAT 3322

Elastic

33-As-74

Cross Section -67.06 To 528.4 %

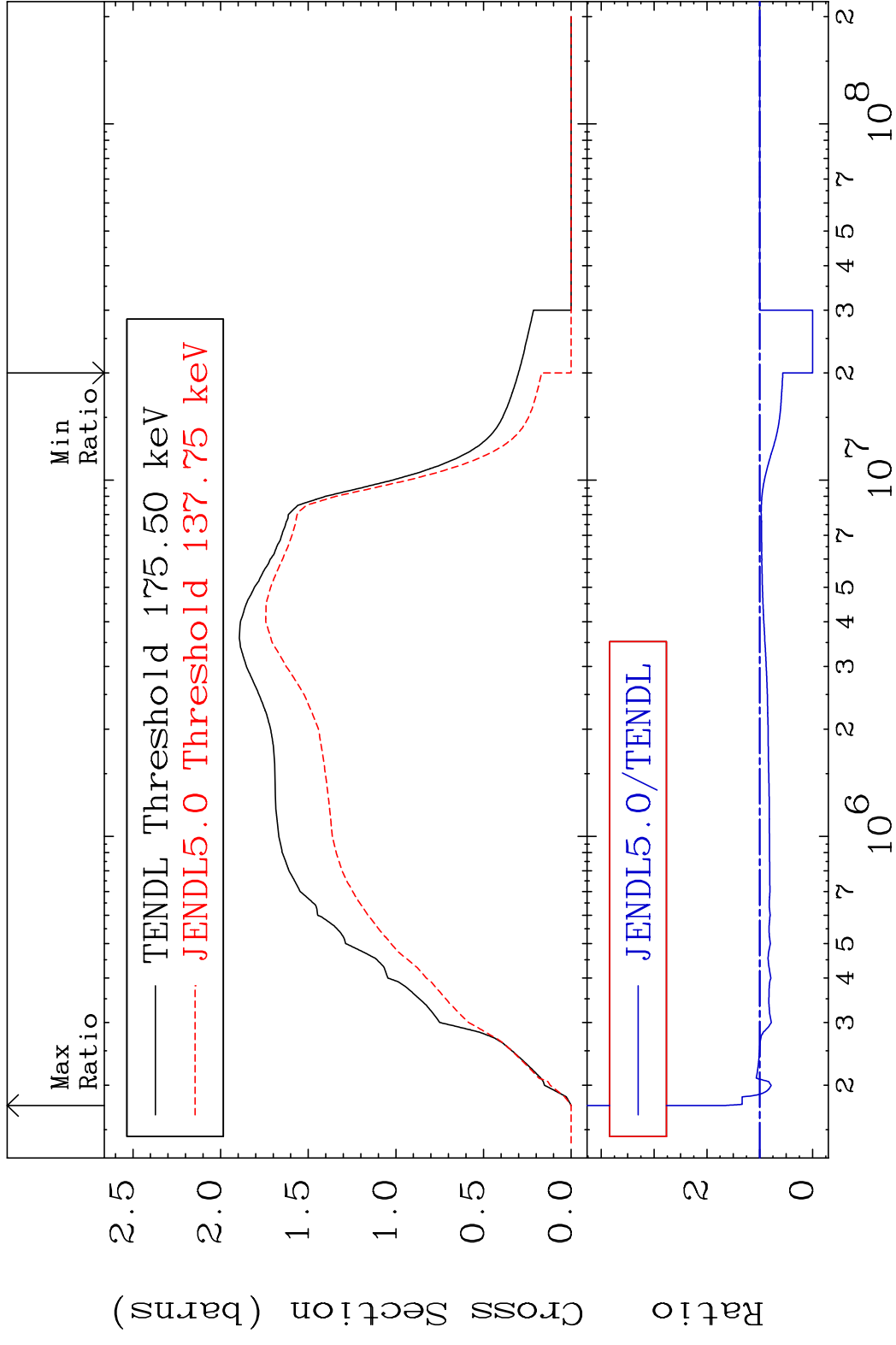


2

Incident Energy (eV)

33-As-74

MAT 3322 Inelastic Cross Section -100.0 To 146.5 % 33-As-74

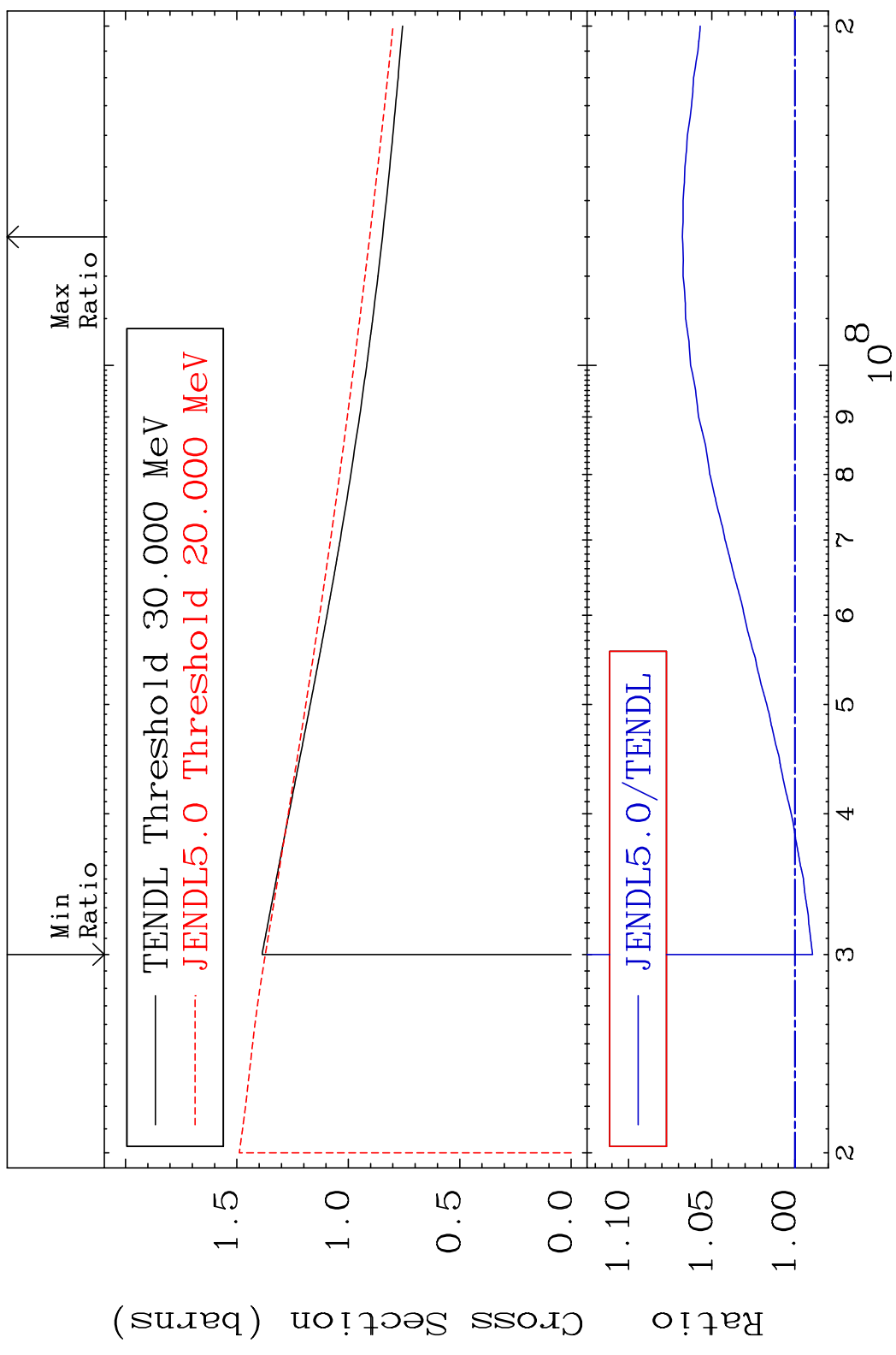


MAT 3322

(n, remainder)

33-As-74

Cross Section -1.061 To 6.765 %



4

Incident Energy (eV)

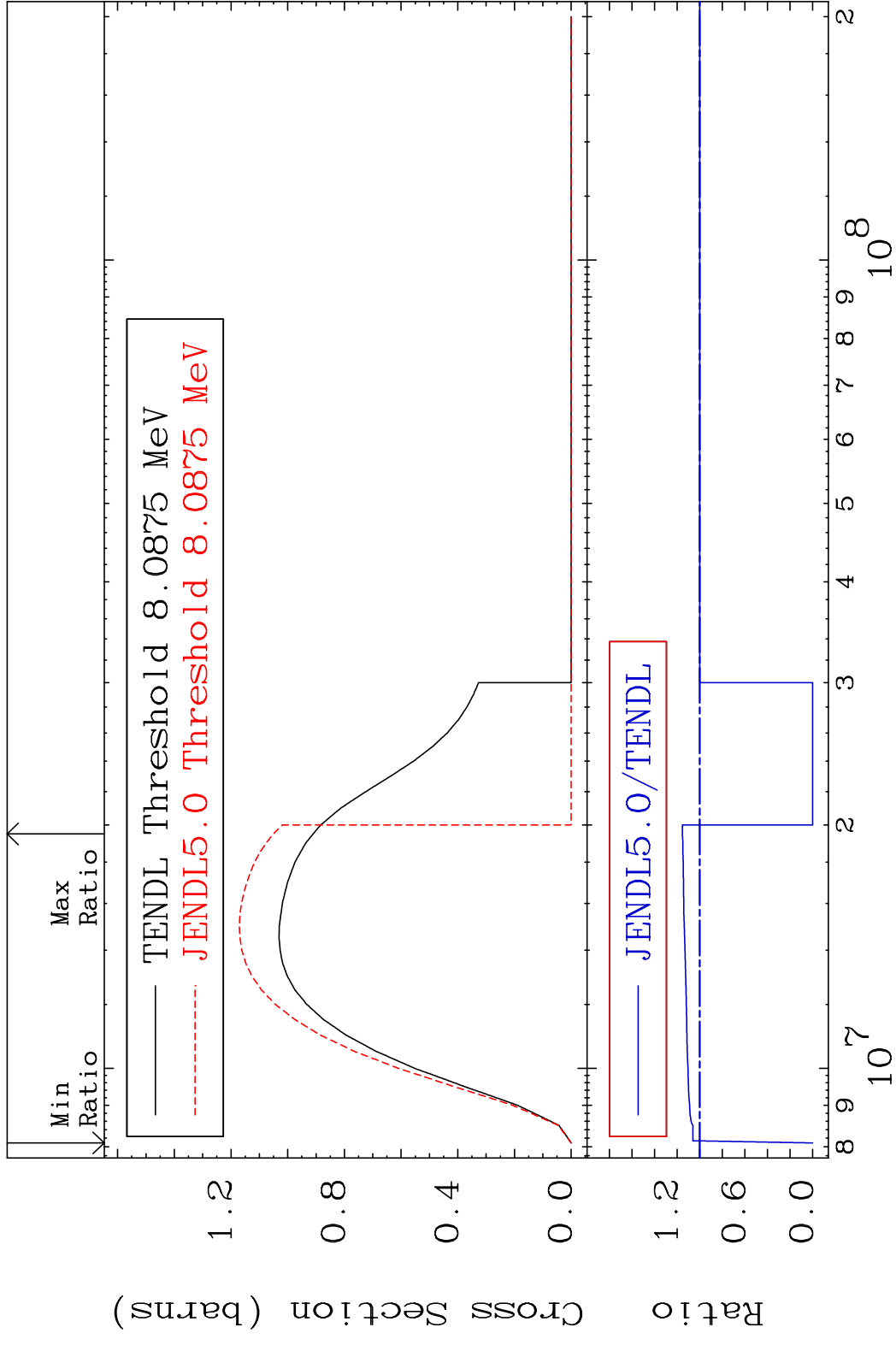
33-As-74

MAT 3322

(n,2n)

33-As-74

Cross Section -100.0 To 15.41 %

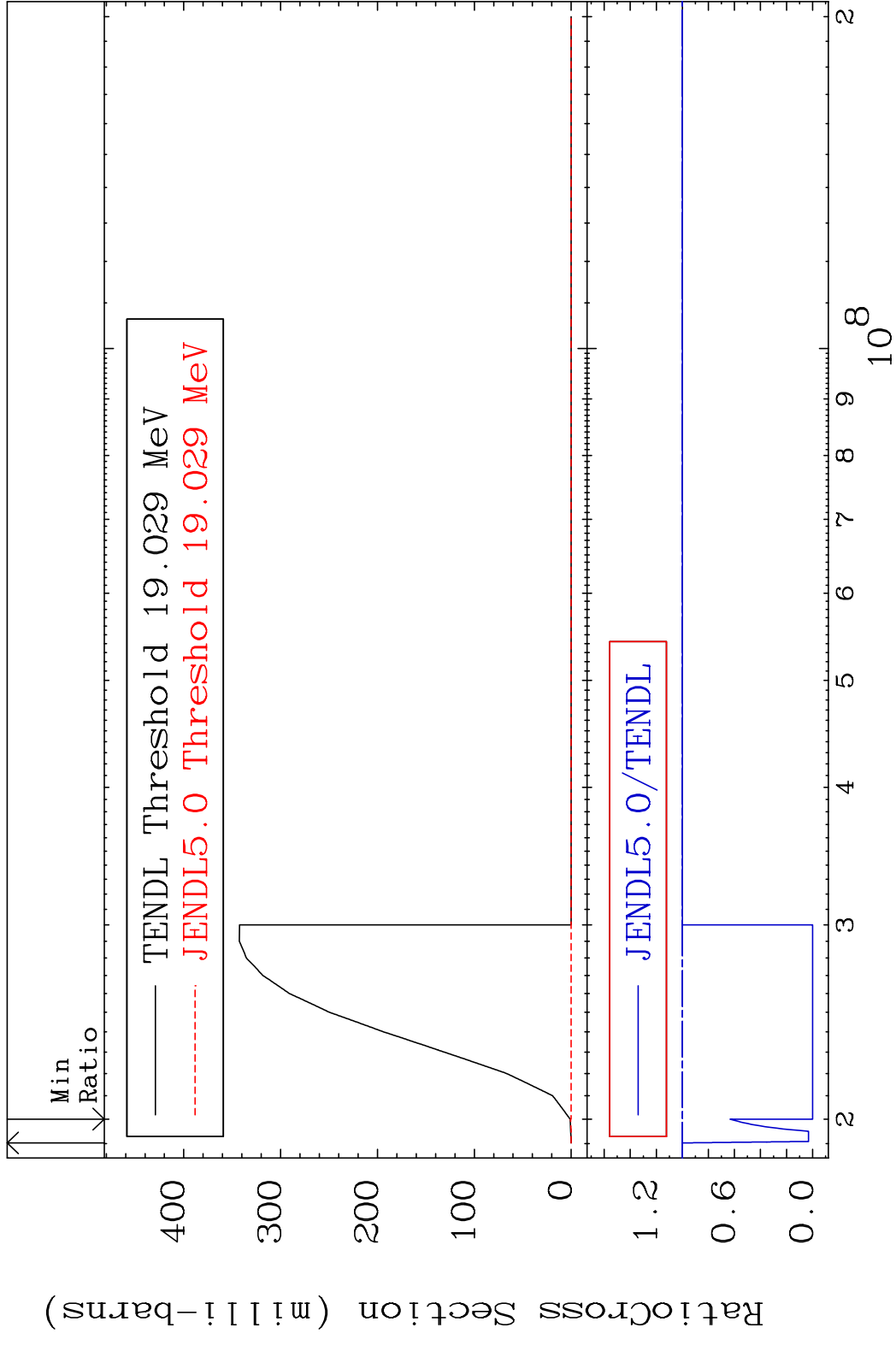


5

Incident Energy (eV)

33-As-74

MAT 3322 (n,3n) 33-As-74
 Cross Section -100.0 To 0.000 %

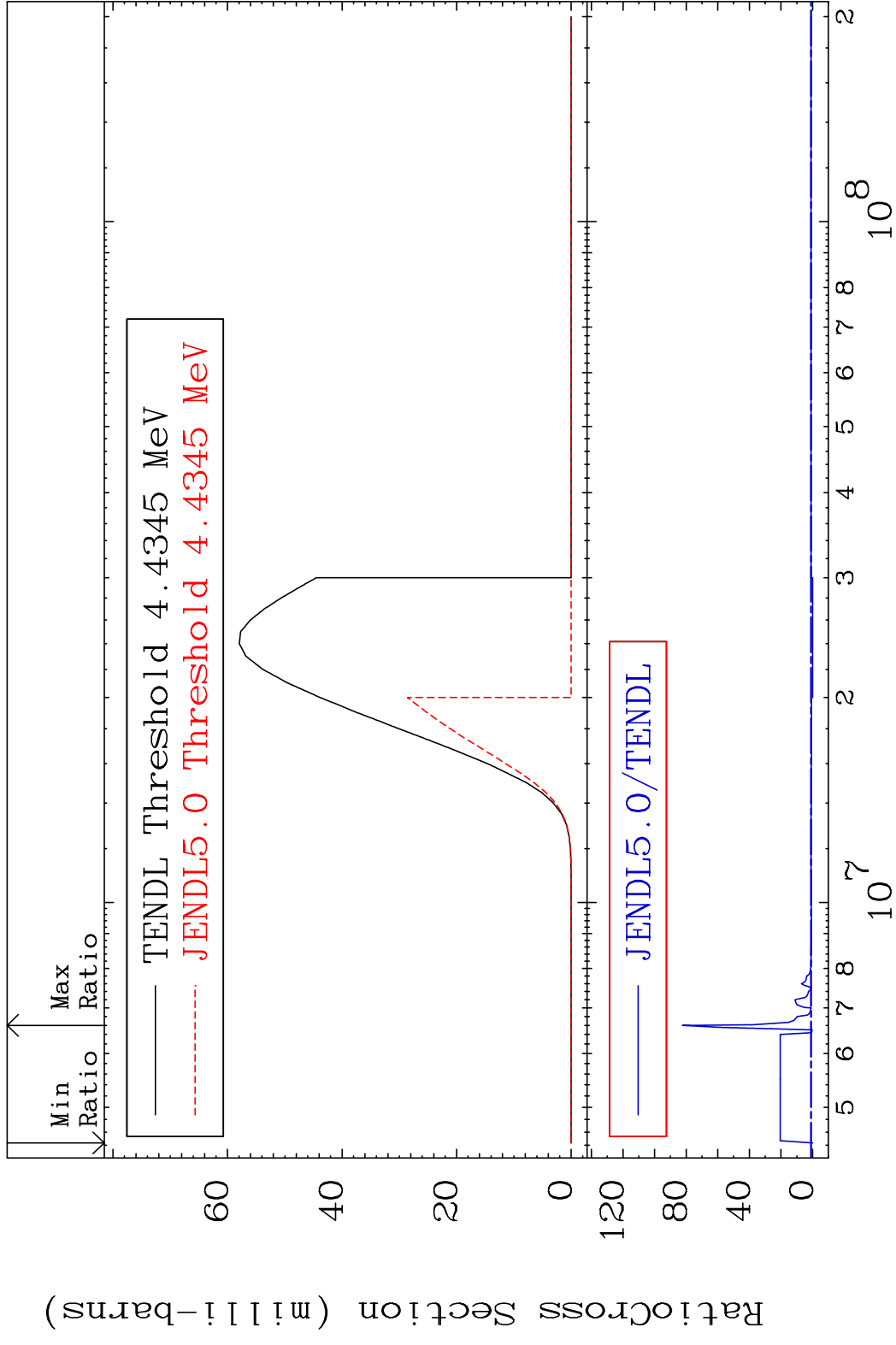


MAT 3322

(n, n') α

33-AS-74

Cross Section -100.0 To 8143. %



7

Incident Energy (eV)

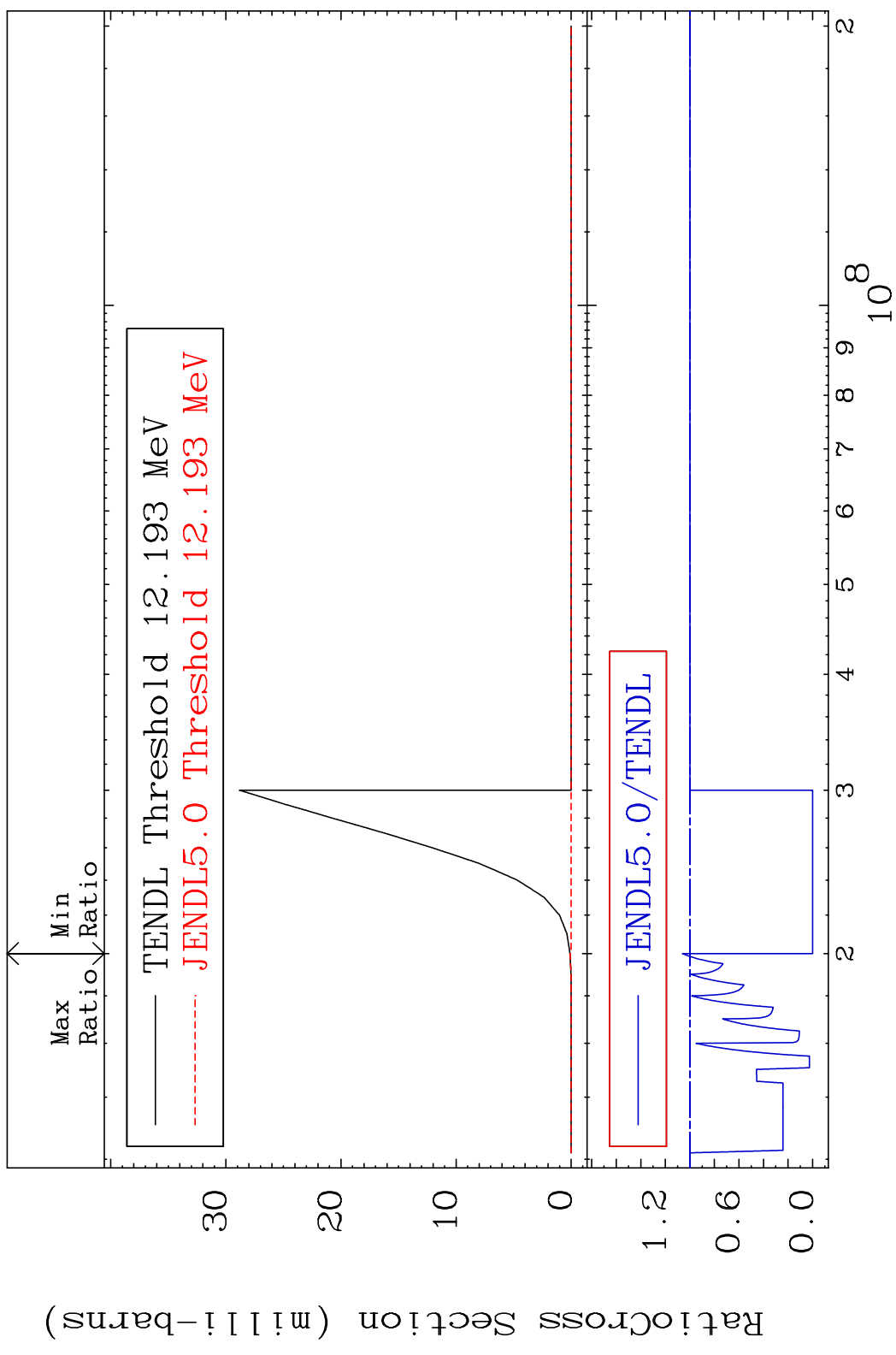
33-AS-74

MAT 3322

(n,2n) α

33-As-74

Cross Section -100.0 To 6.115 %

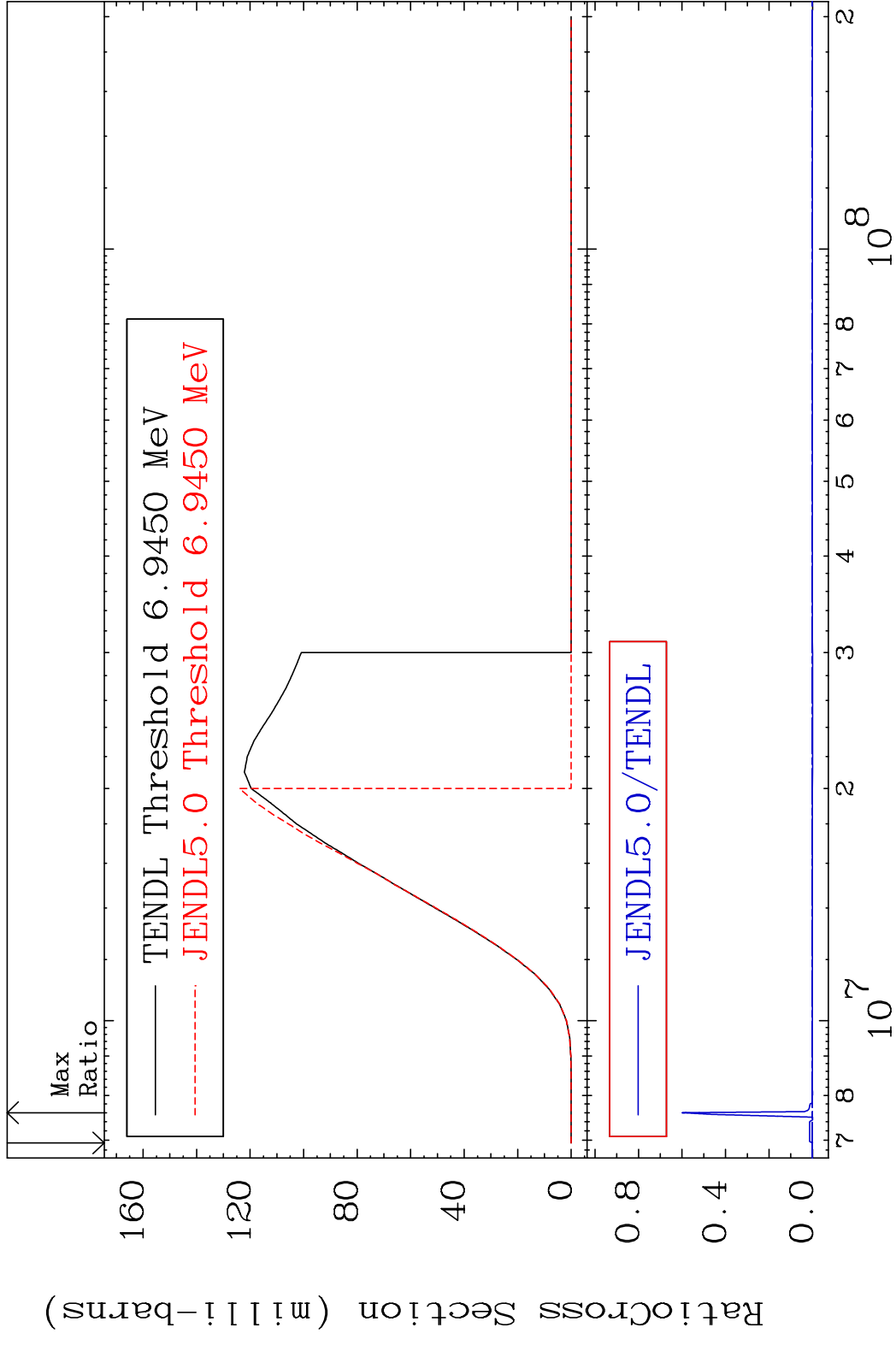


MAT 3322

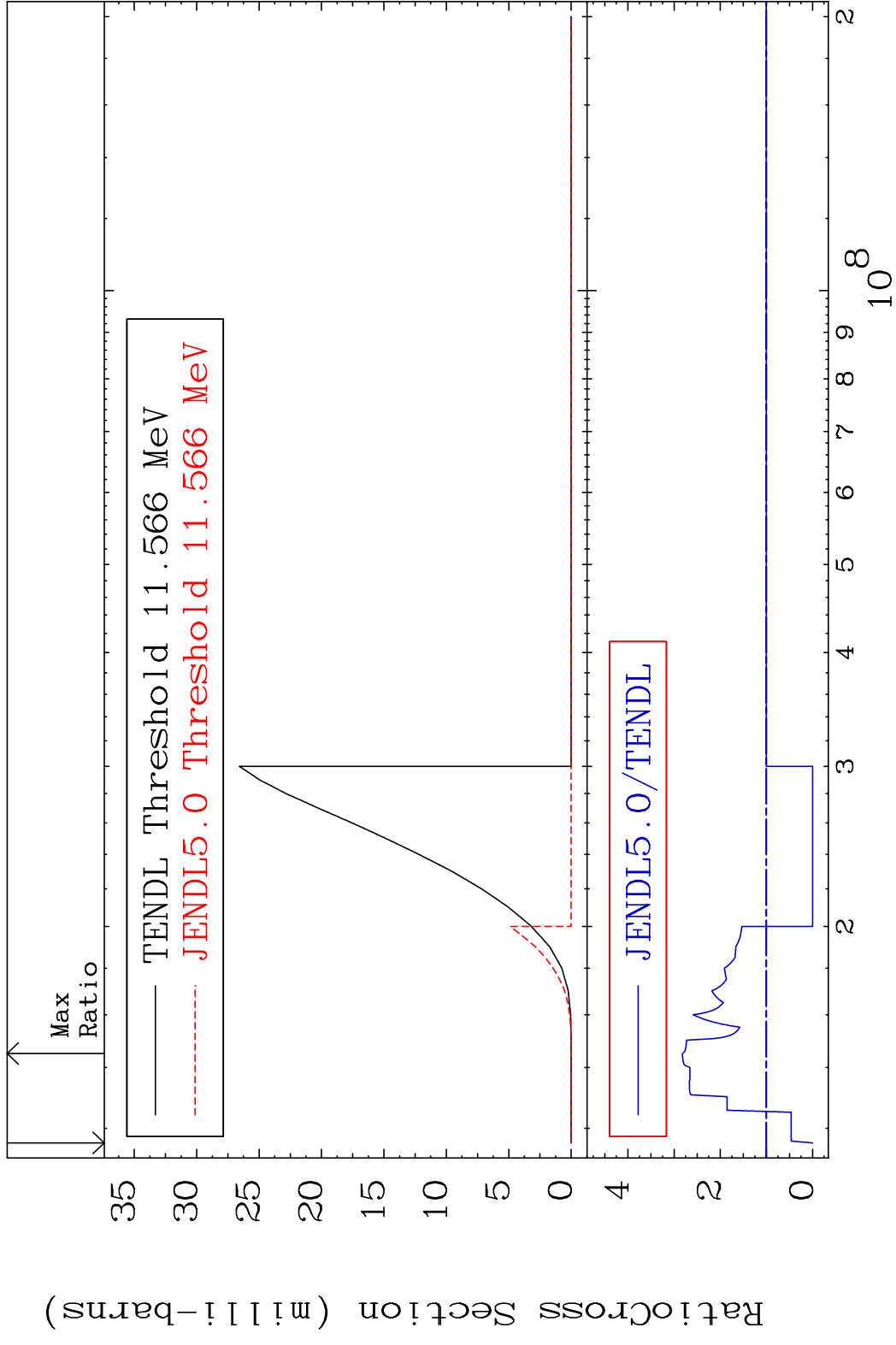
(n, n') p

33-As-74

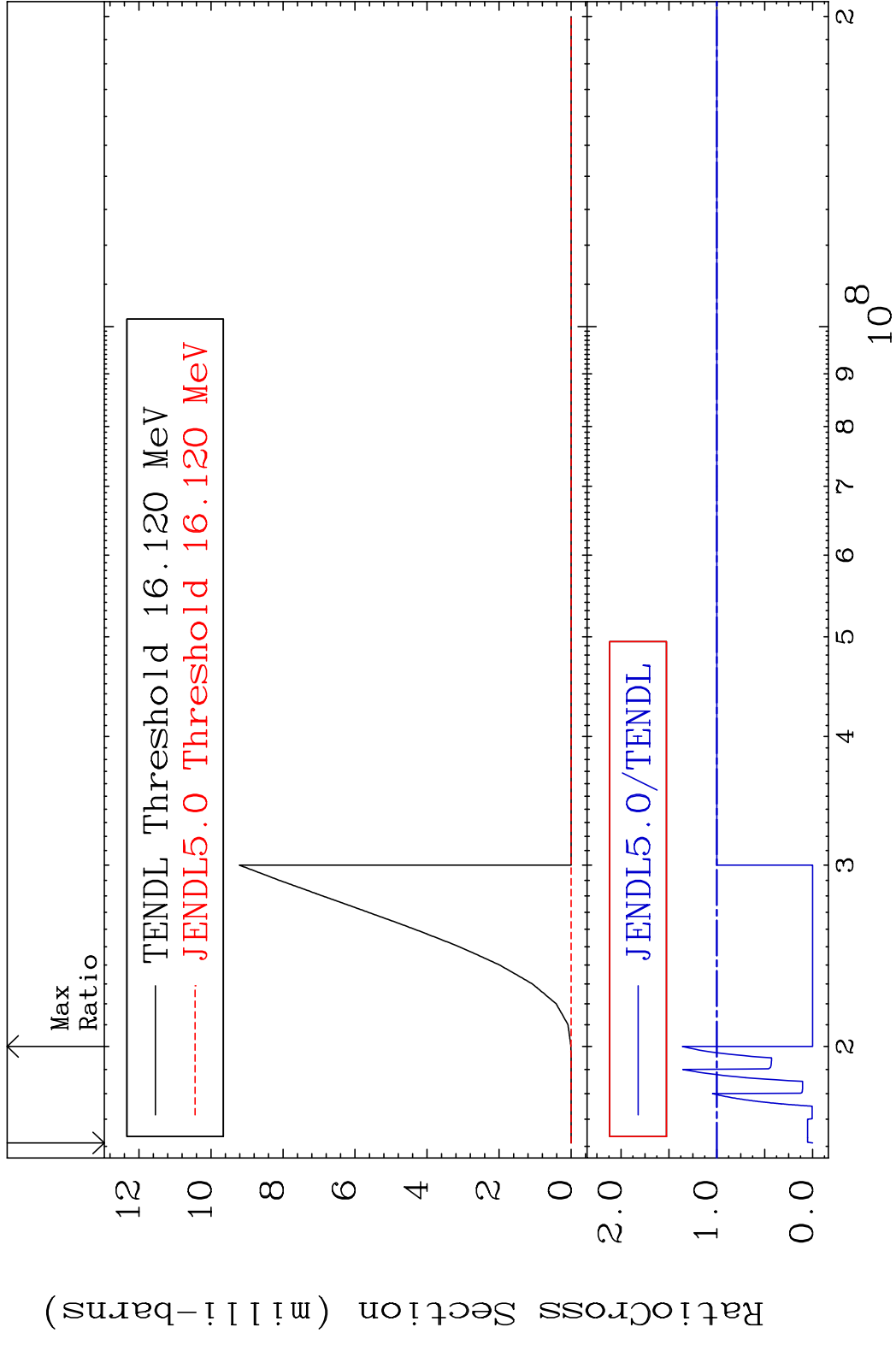
Cross Section -100.0 To 9999. %



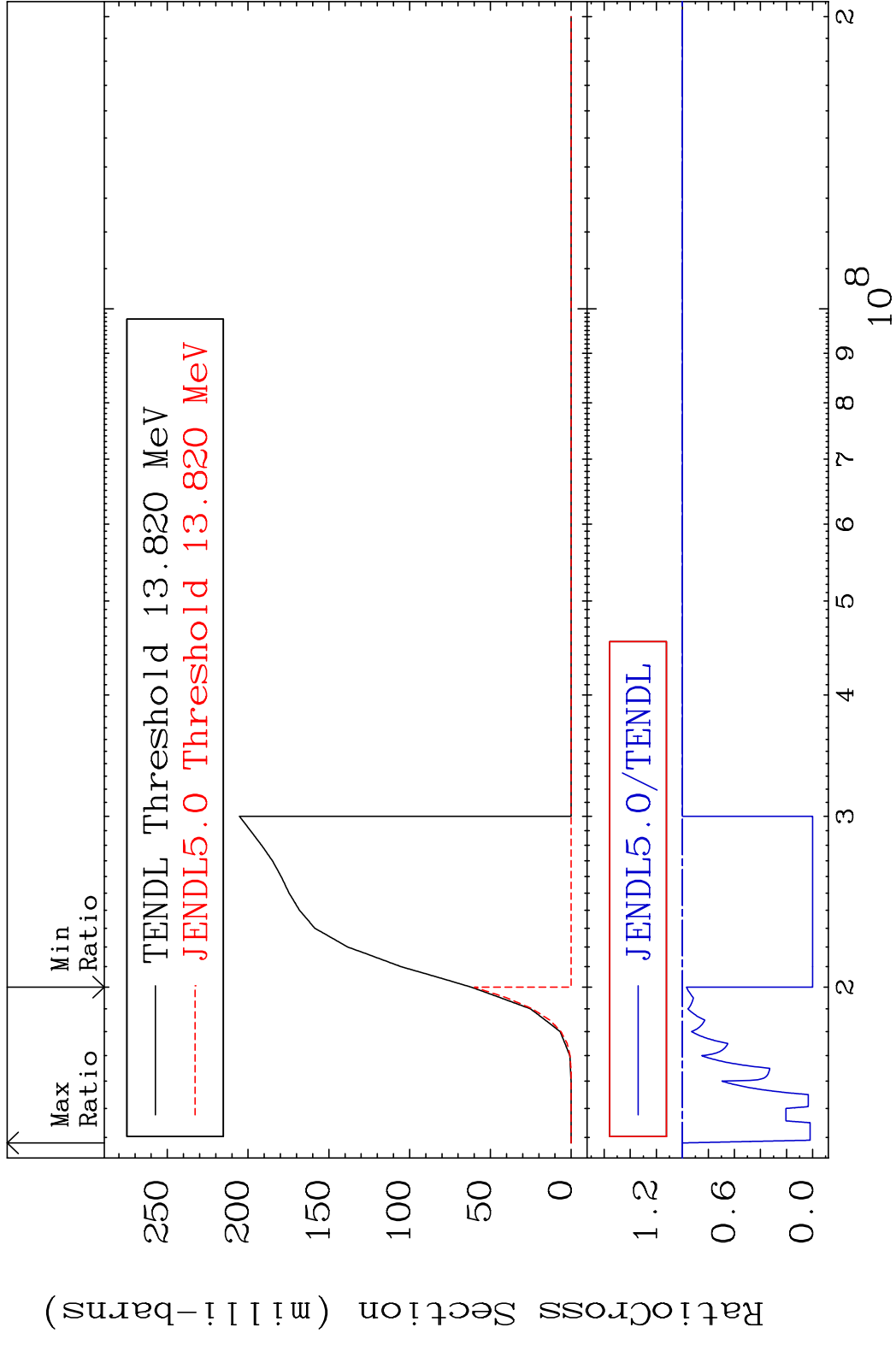
MAT 3322 (n, n') d 33-As-74
 Cross Section -100.0 To 182.0 %



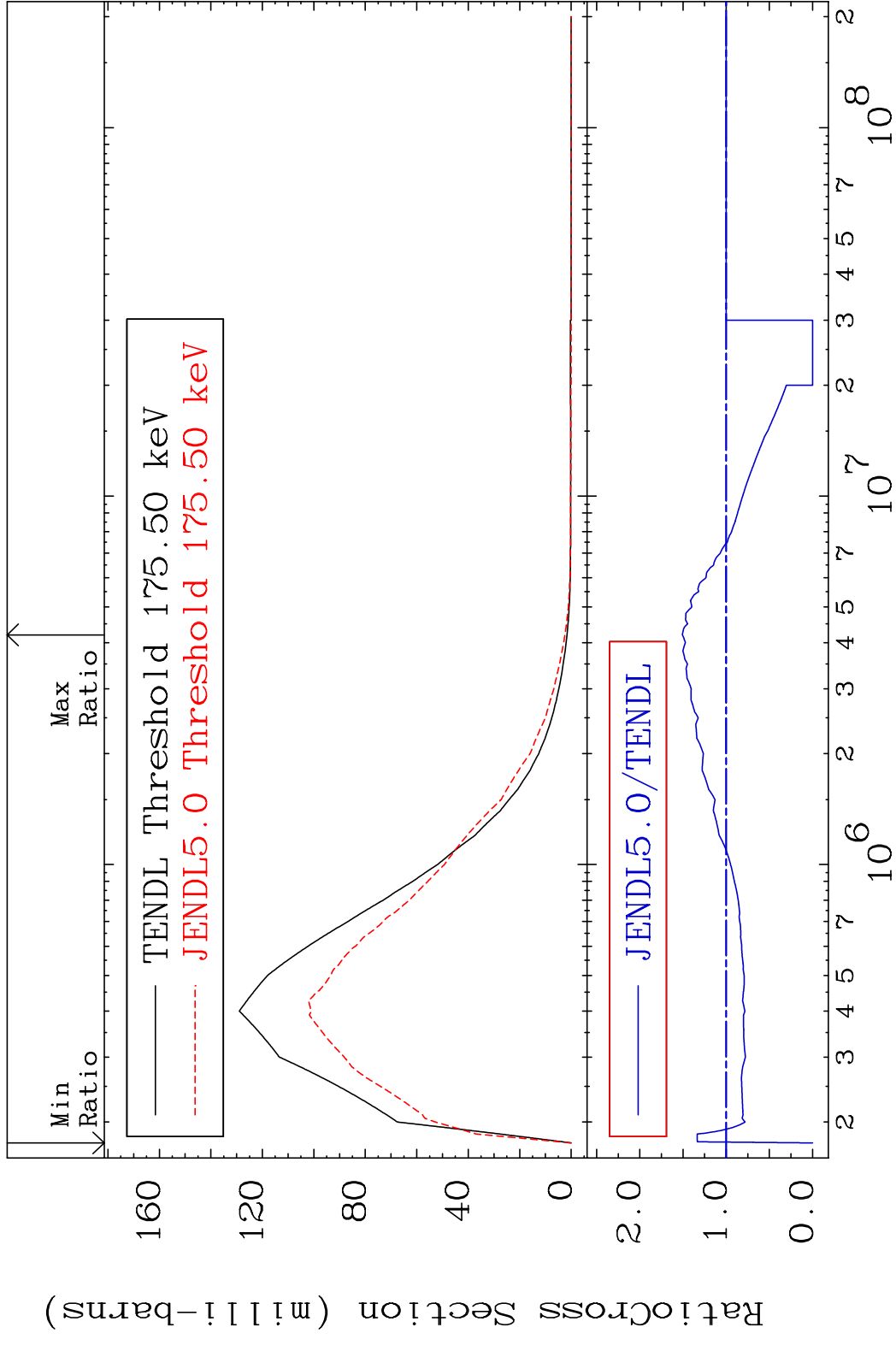
MAT 3322 (n, n') t 33-As-74
 Cross Section -100.0 To 35.89 %



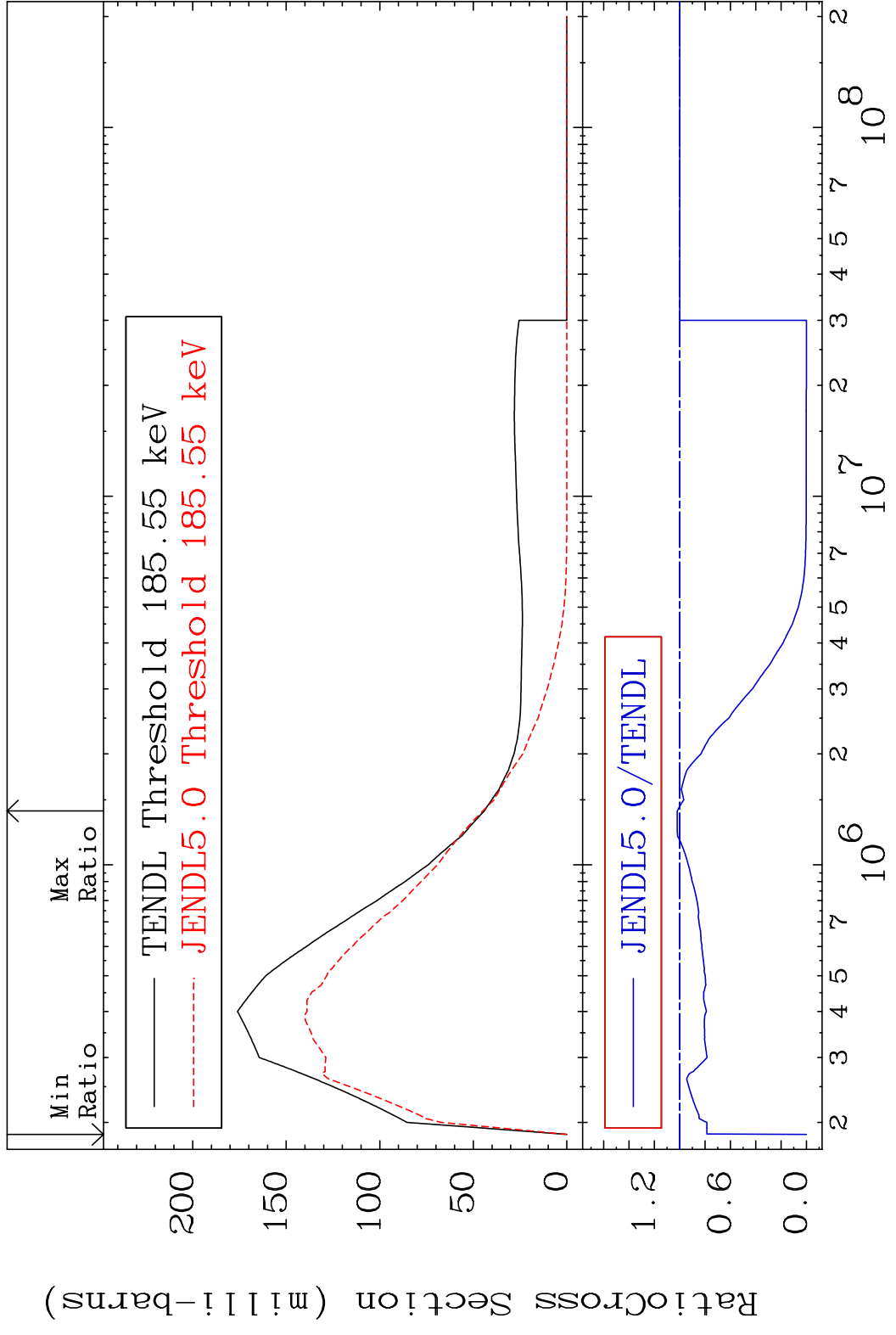
MAT 3322 (n,2n) p 33-As-74
 Cross Section -100.0 To 0.000 %



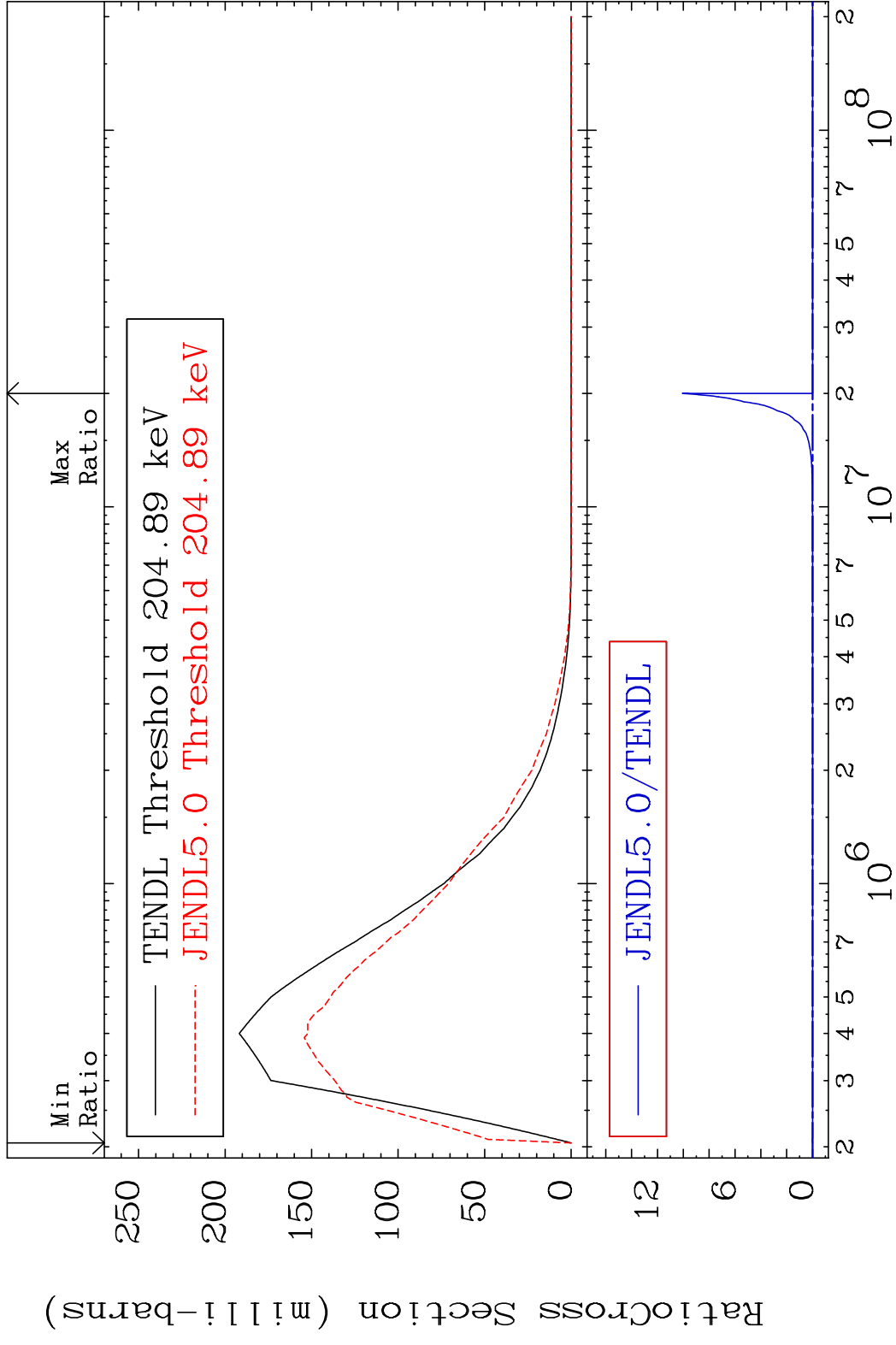
MAT 3322 MT= 51 (n, n') Level 33-As-74
 Cross Section -100.0 To 50.74 %



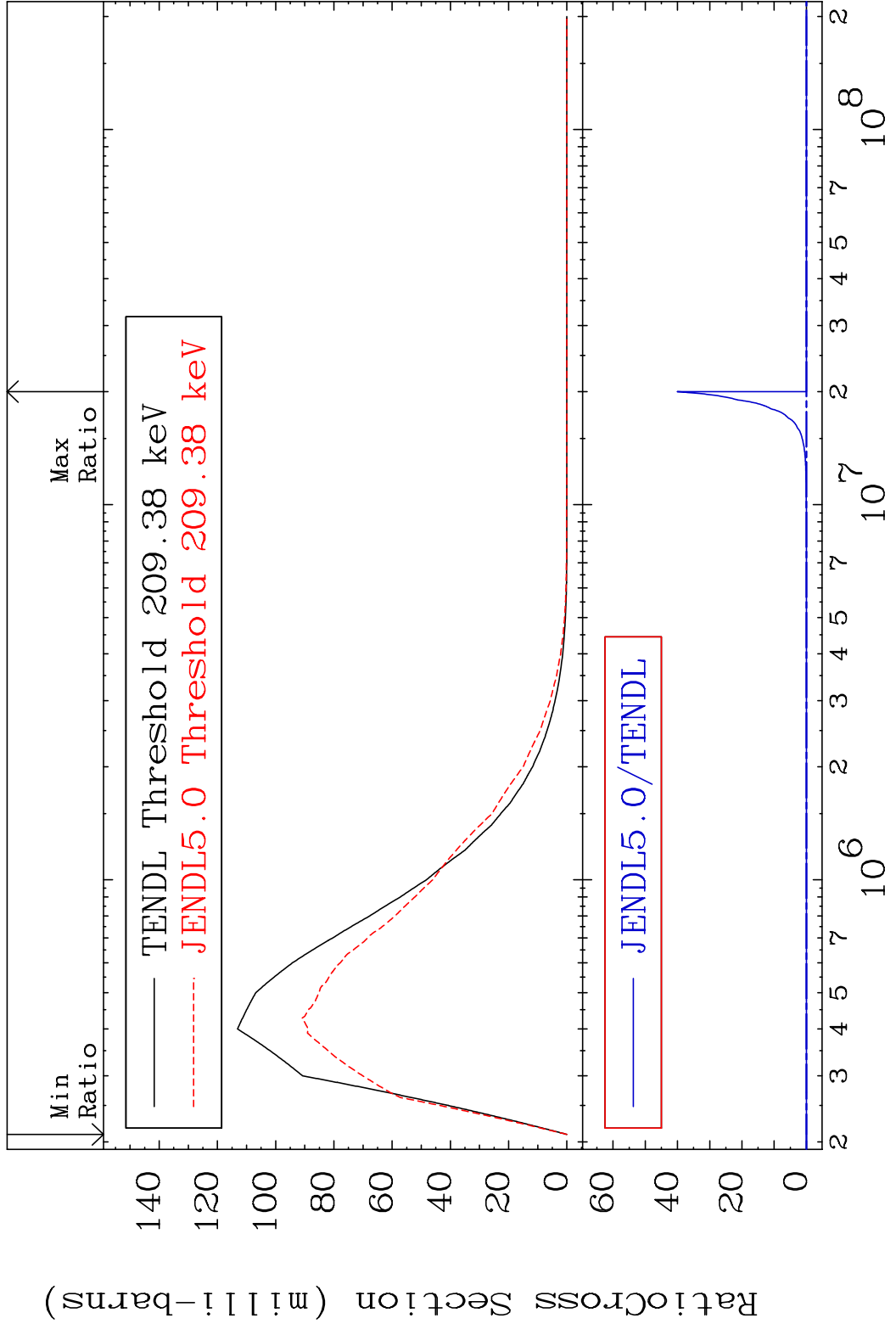
MAT 3322 MT= 52 (n, n') Level 33-As-74
 Cross Section -100.0 To 1.941 %



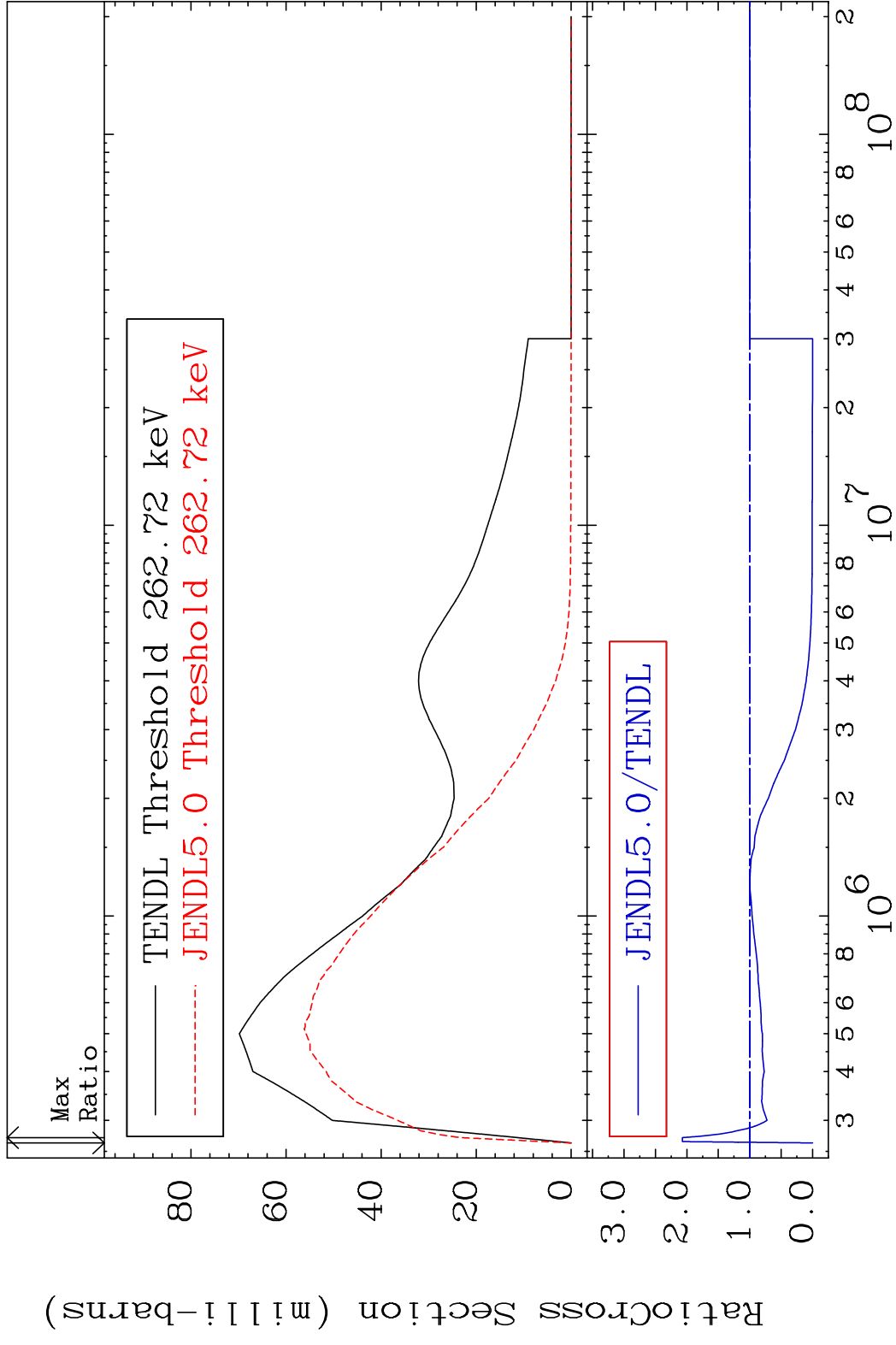
MAT 3322 MT= 53 (n,n') Level 33-As-74
 Cross Section -100.0 To 9999. %



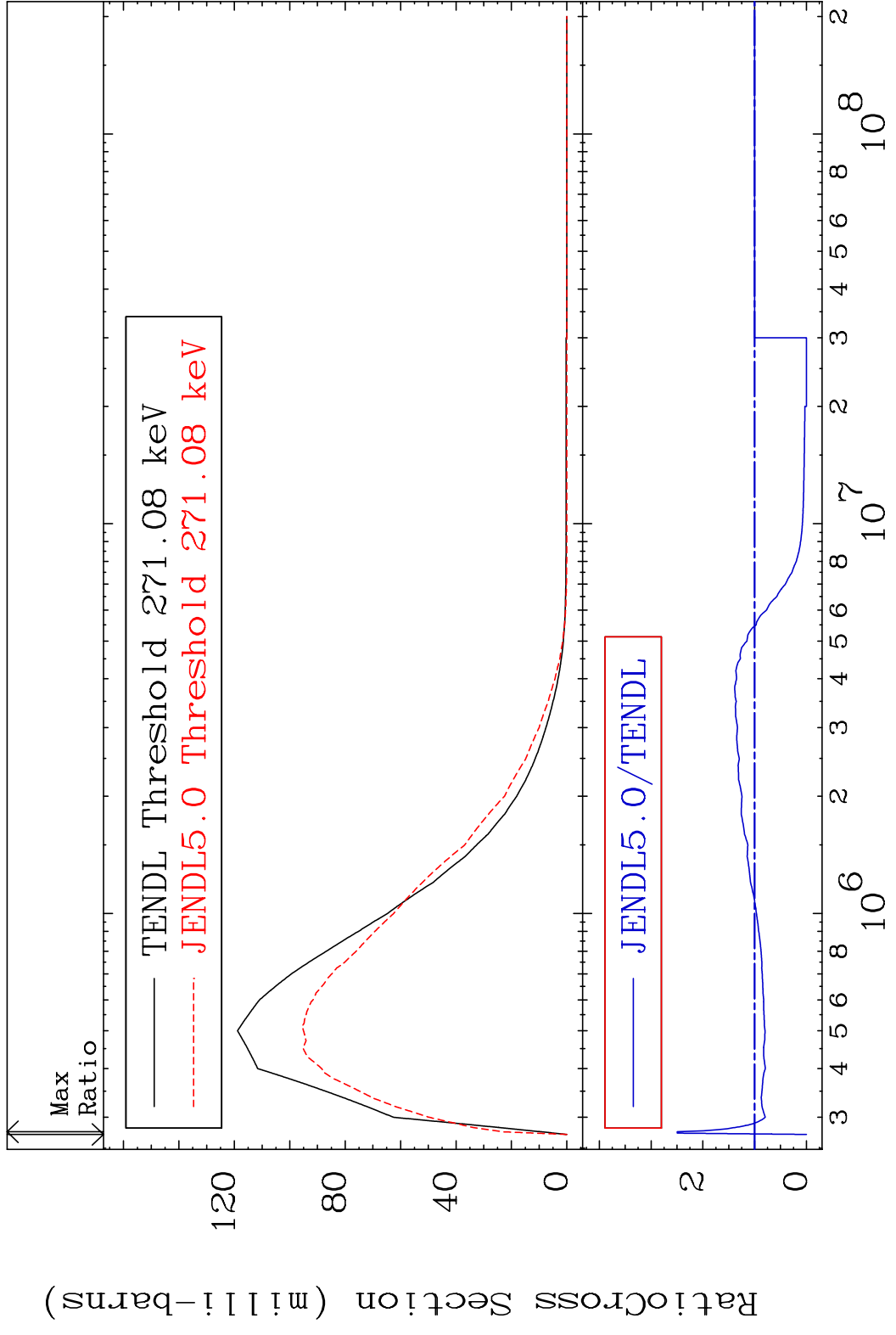
MAT 3322 MT= 54 (n,n') Level 33-As-74
 Cross Section -100.0 To 9999. %



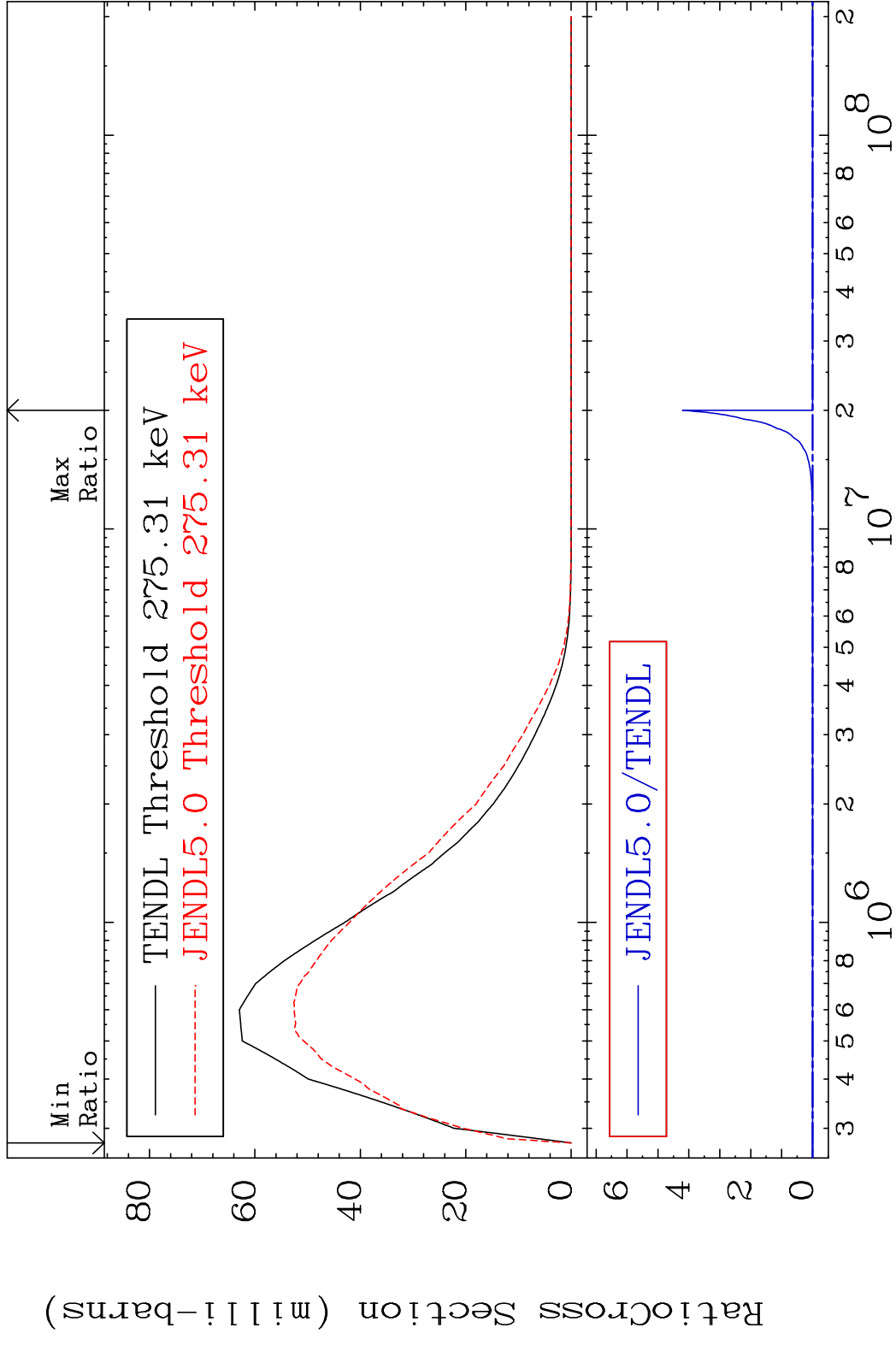
MAT 3322 MT= 55 (n,n') Level 33-As-74
 Cross Section -100.0 To 107.2 %



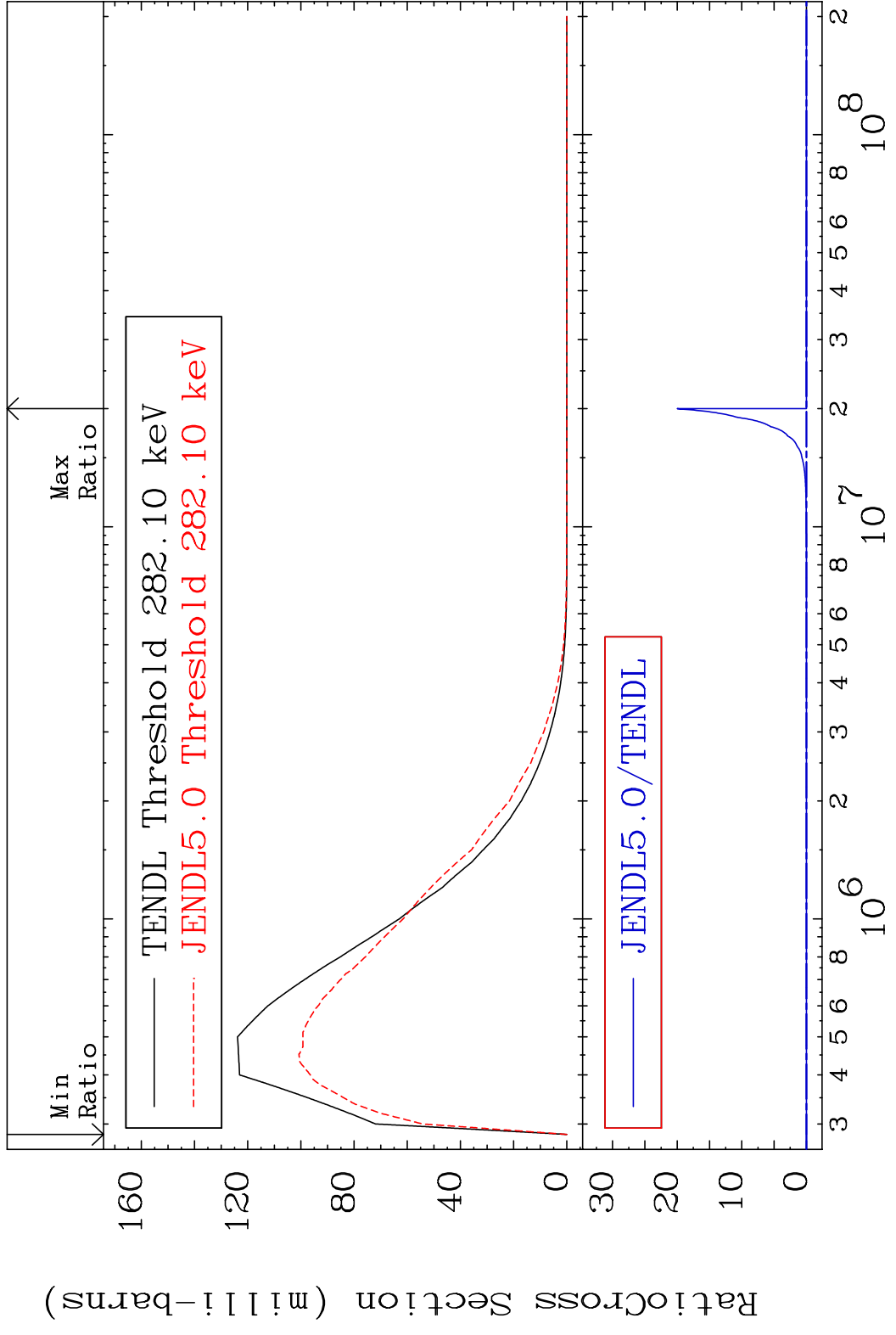
MAT 3322 MT= 56 (n,n') Level 33-As-74
 Cross Section -100.0 To 149.6 %



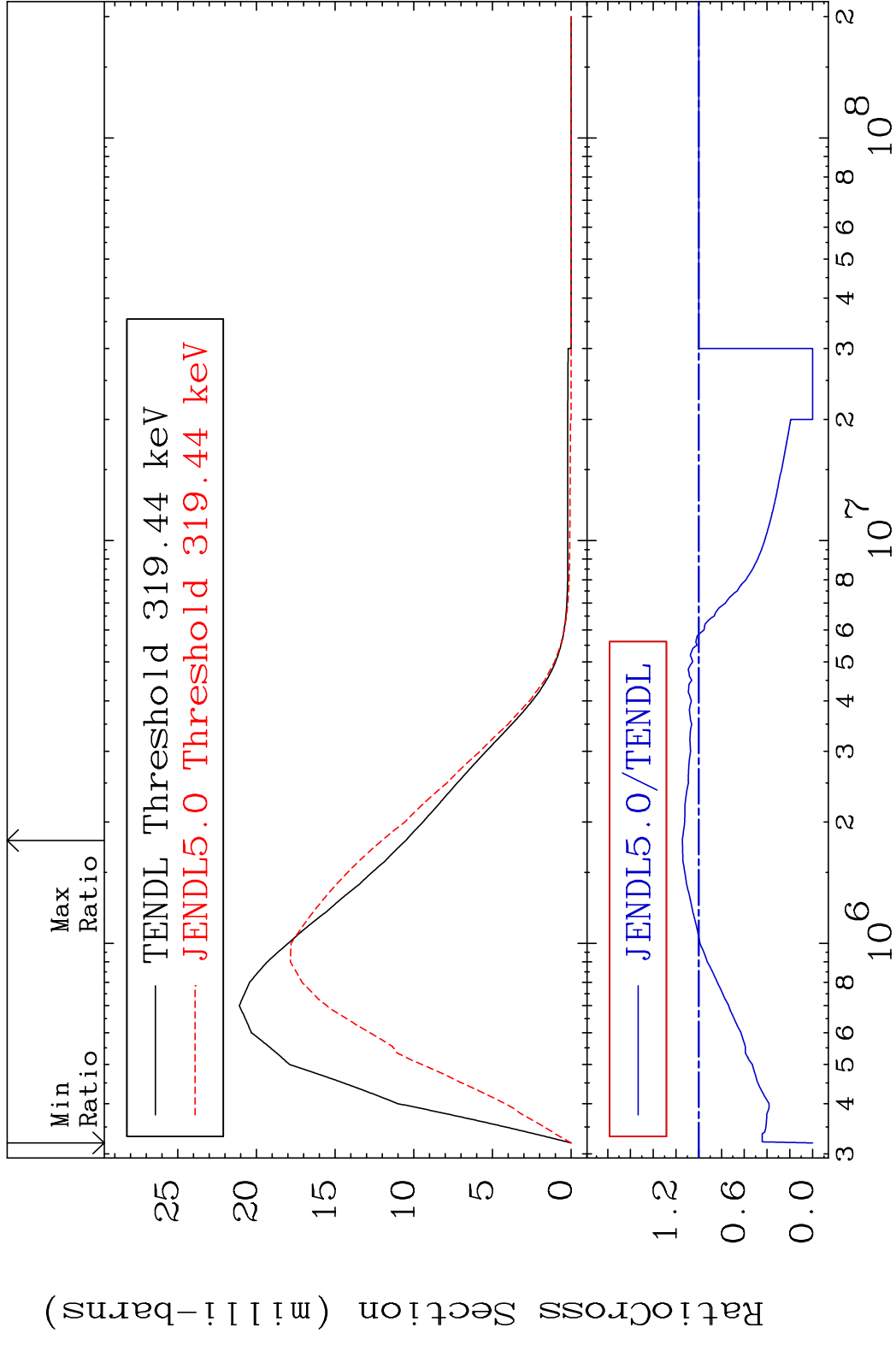
MAT 3322 MT= 57 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



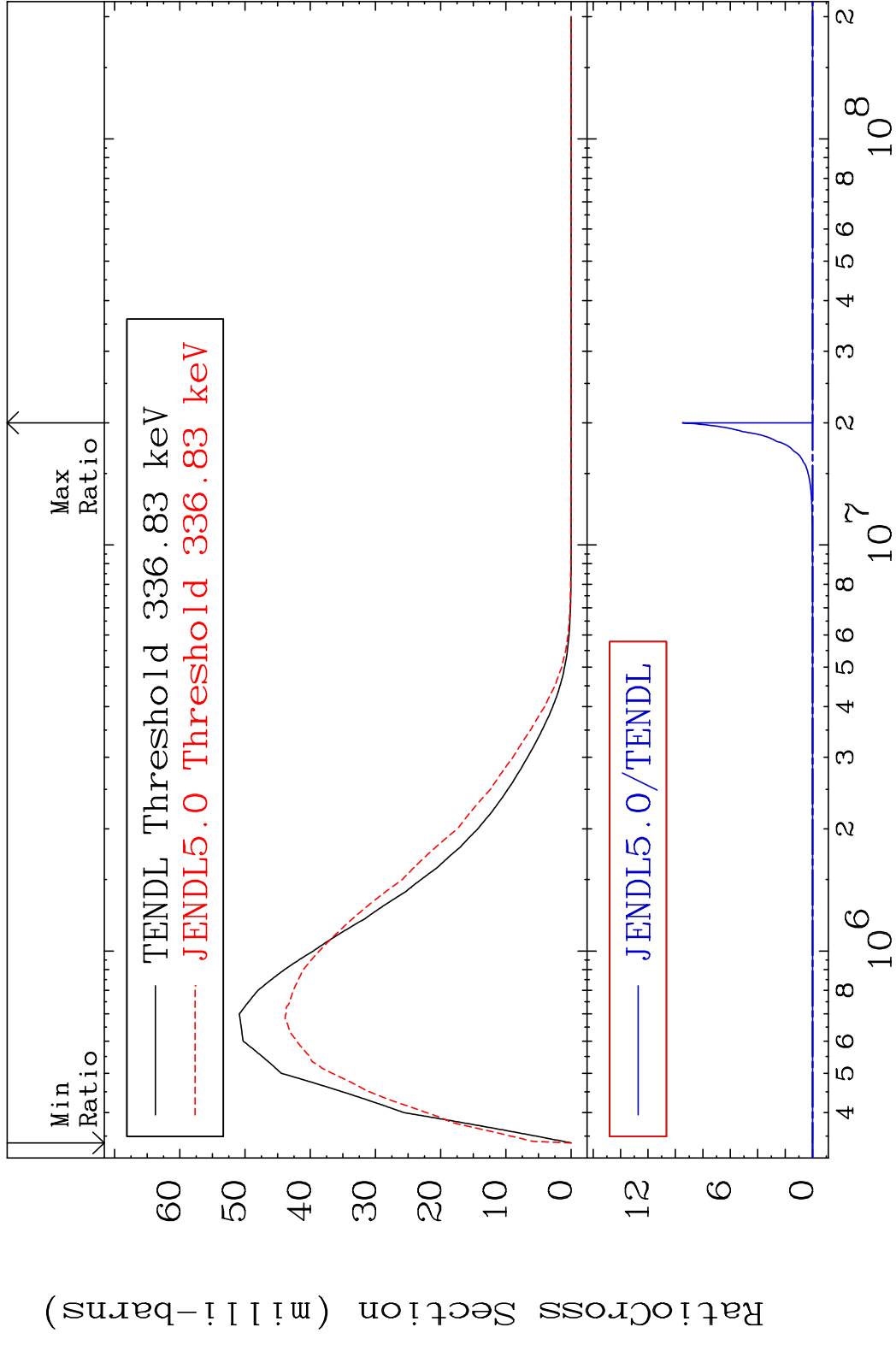
MAT 3322 MT= 58 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



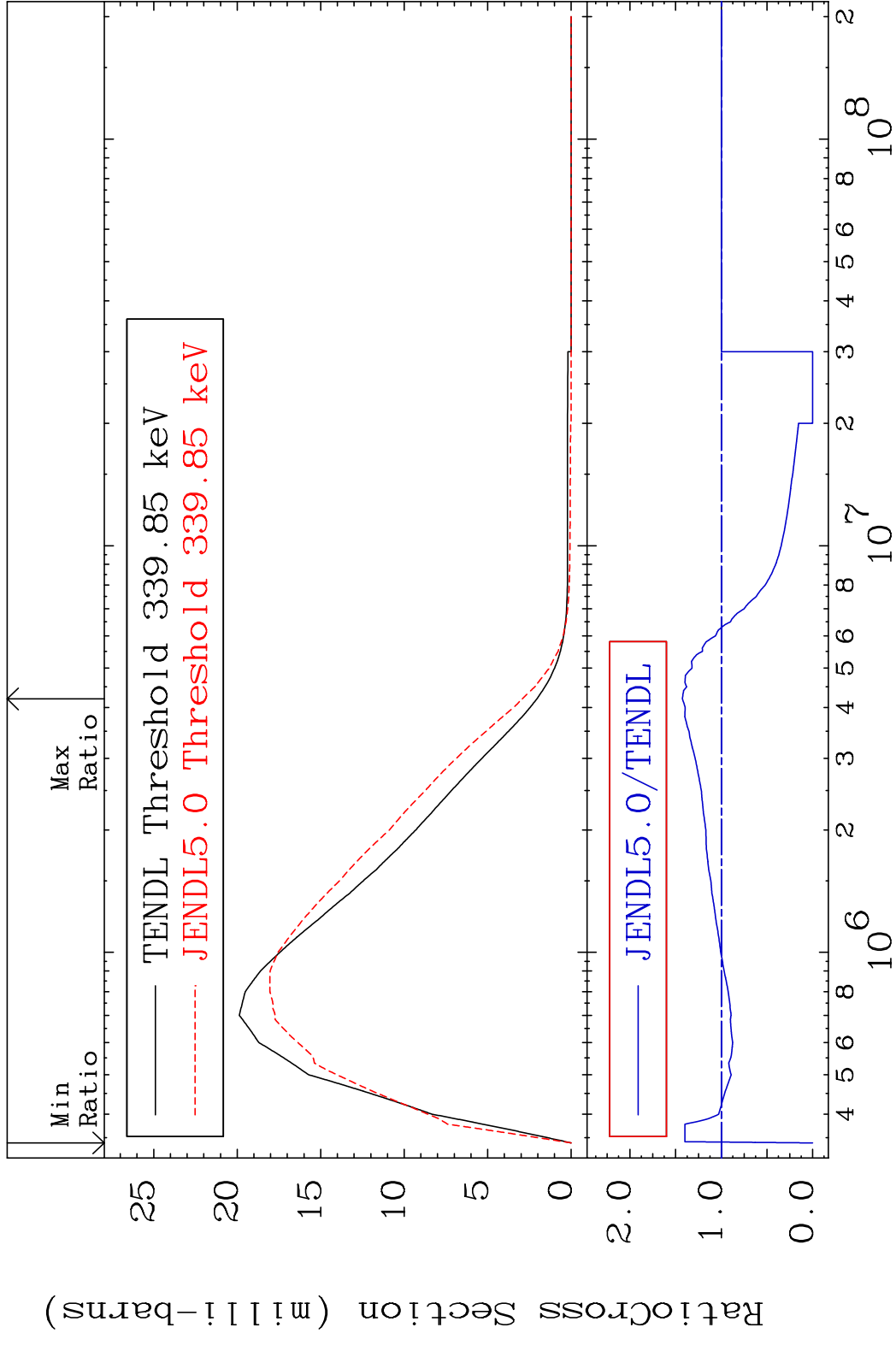
MAT 3322 MT= 59 (n,n') Level 33-As-74
 Cross Section -100.0 To 14.41 %



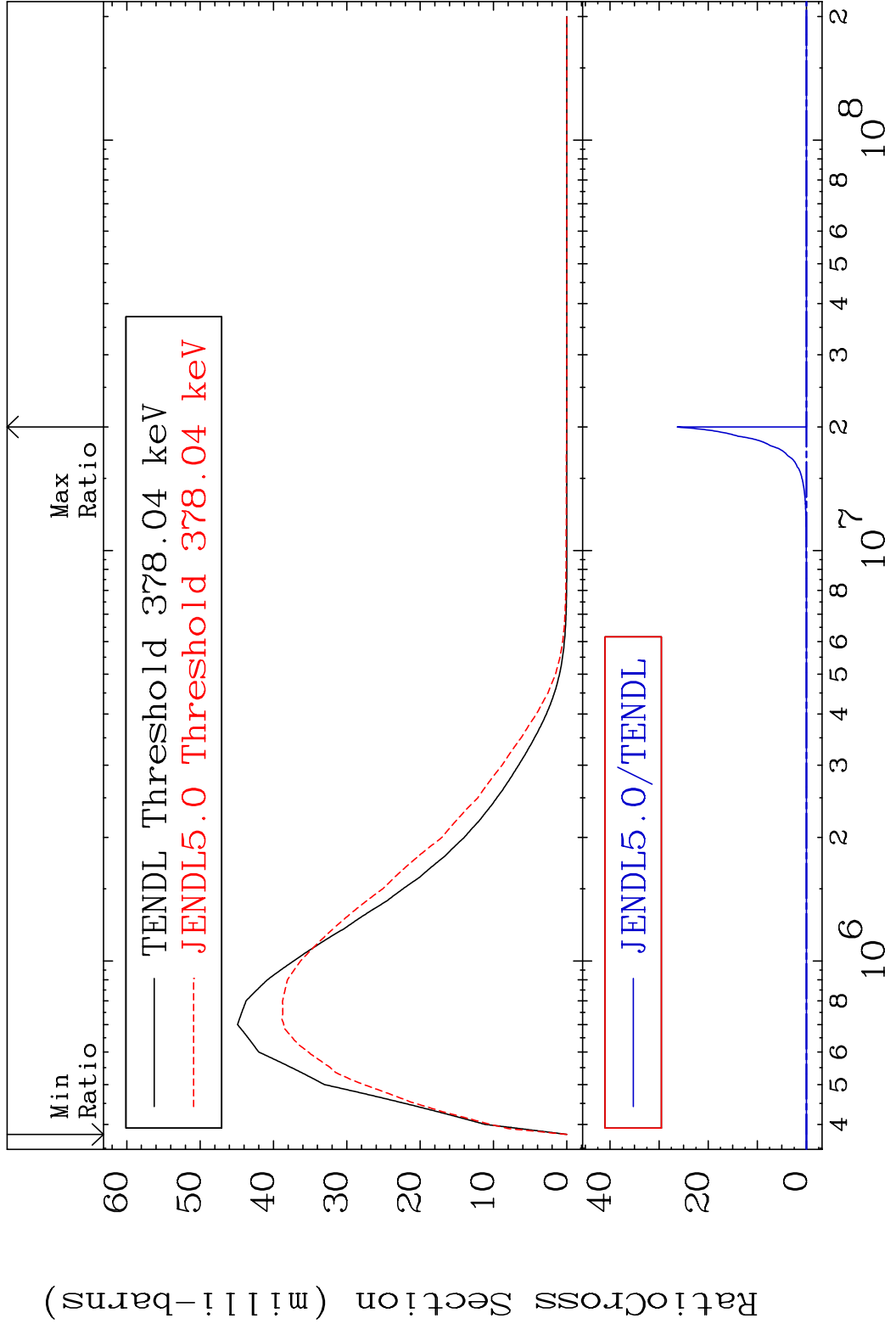
MAT 3322 MT= 60 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



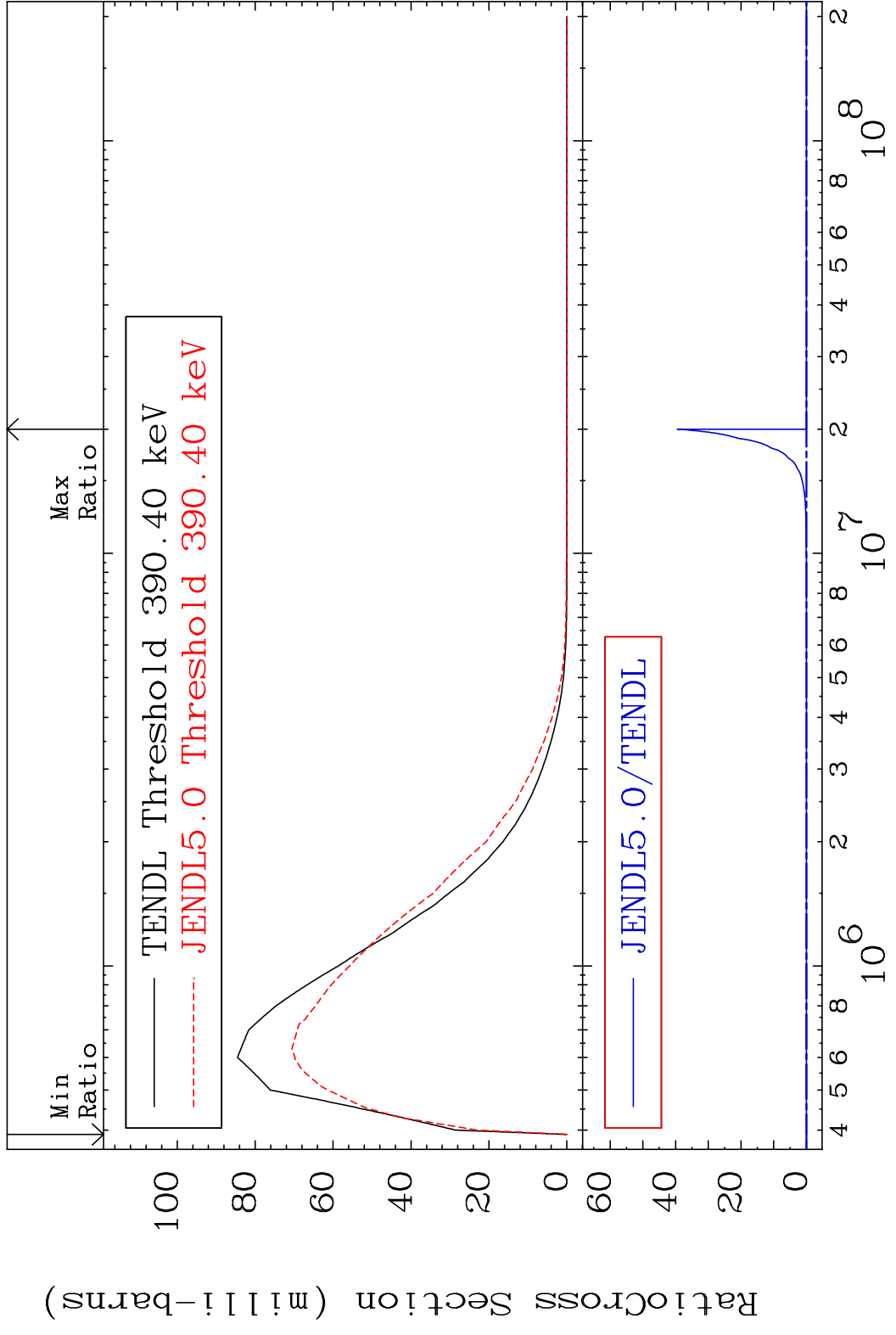
MAT 3322 MT= 61 (n,n') Level 33-As-74
 Cross Section -100.0 To 42.66 %



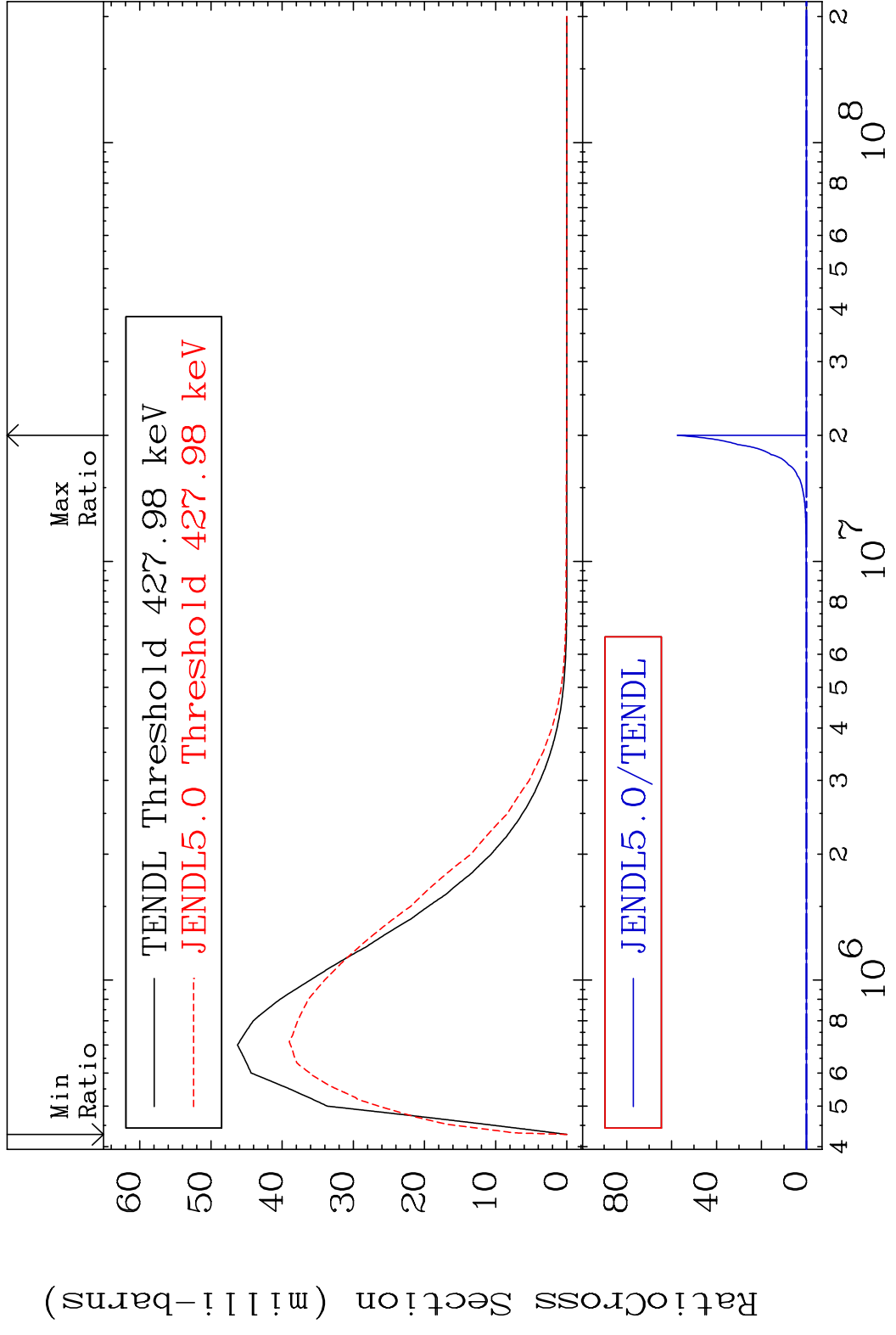
MAT 3322 MT= 62 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



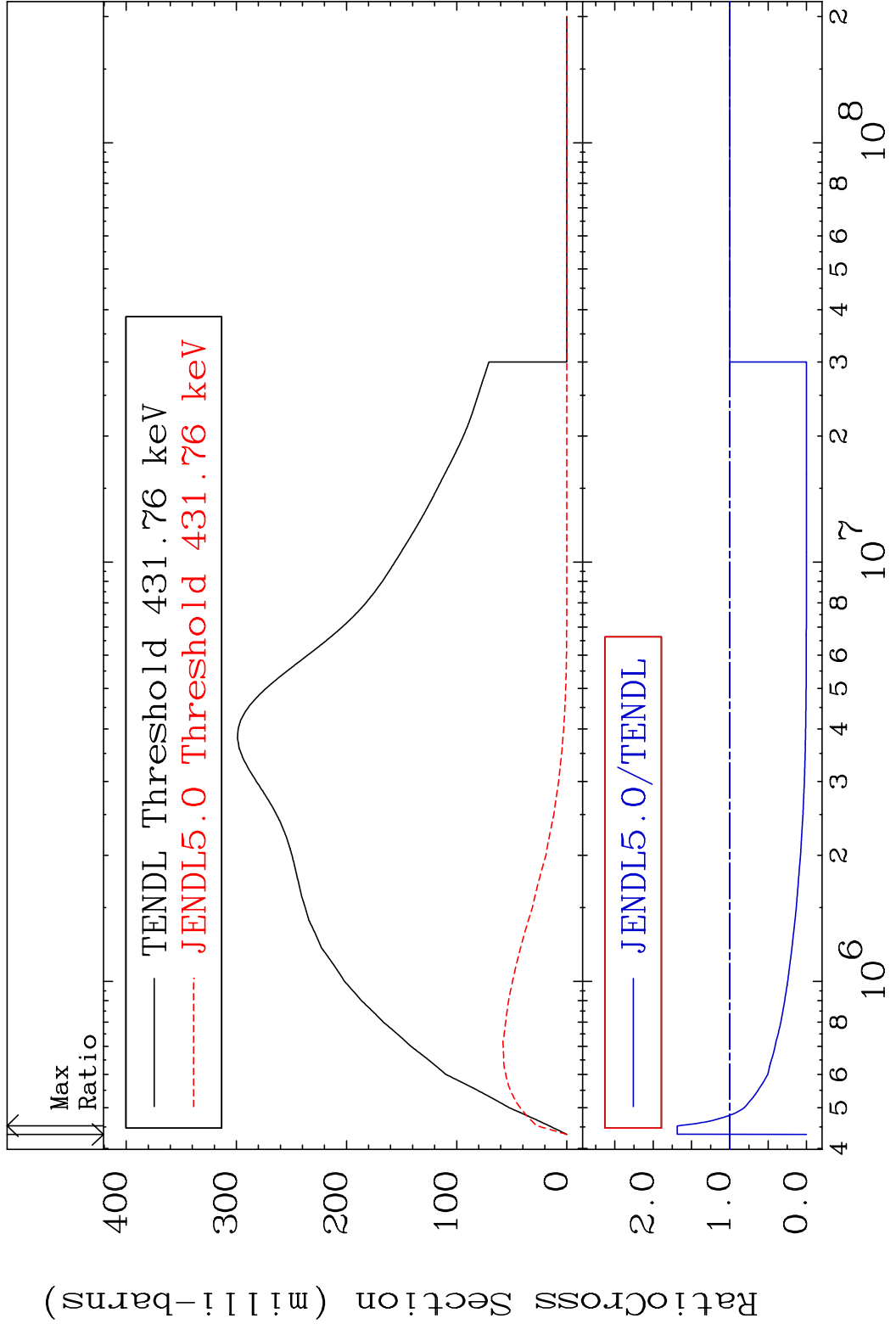
MAT 3322 MT= 63 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



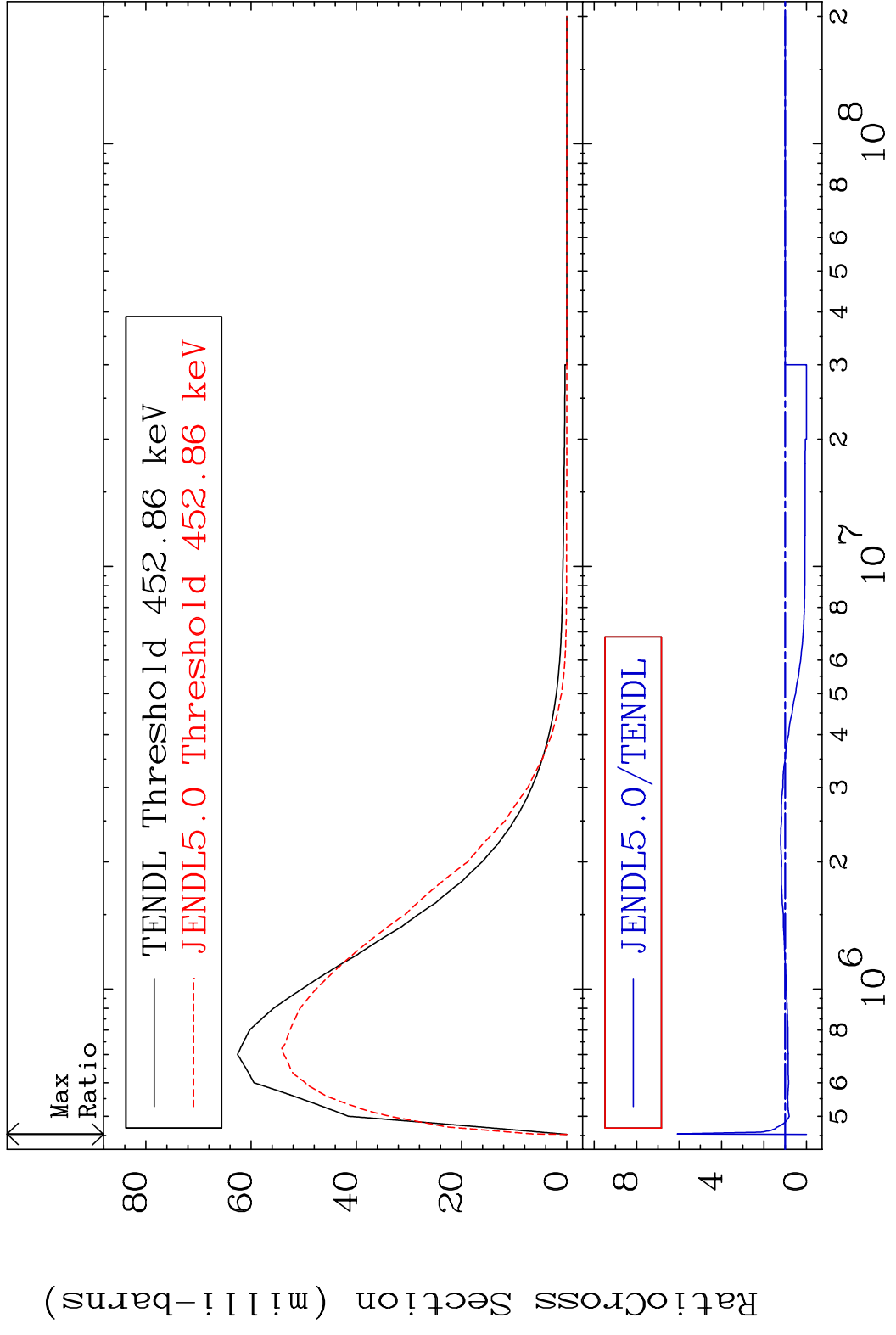
MAT 3322 MT= 64 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



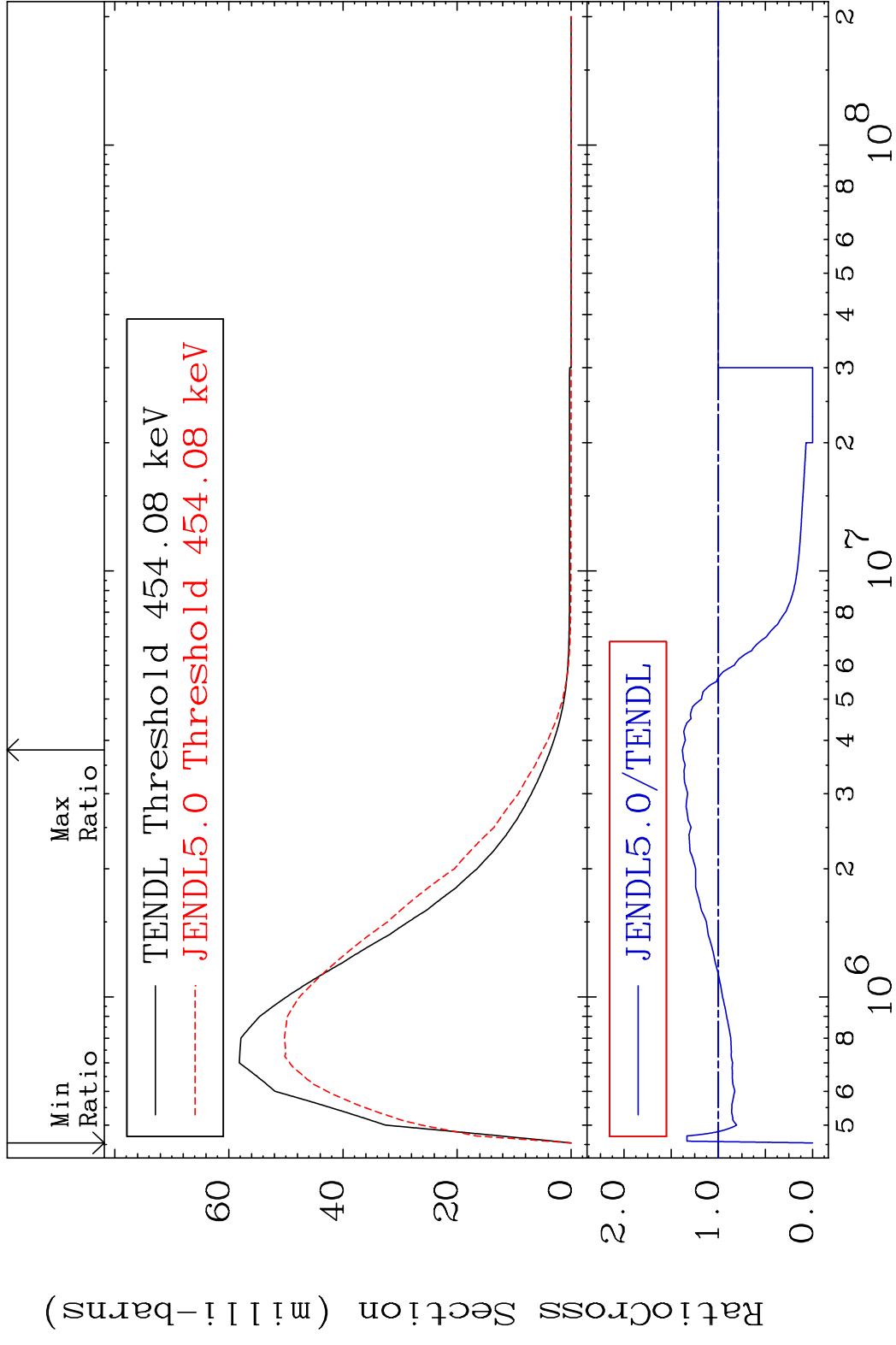
MAT 3322 MT= 65 (n, n') Level 33-As-74
 Cross Section -100.0 To 68.64 %



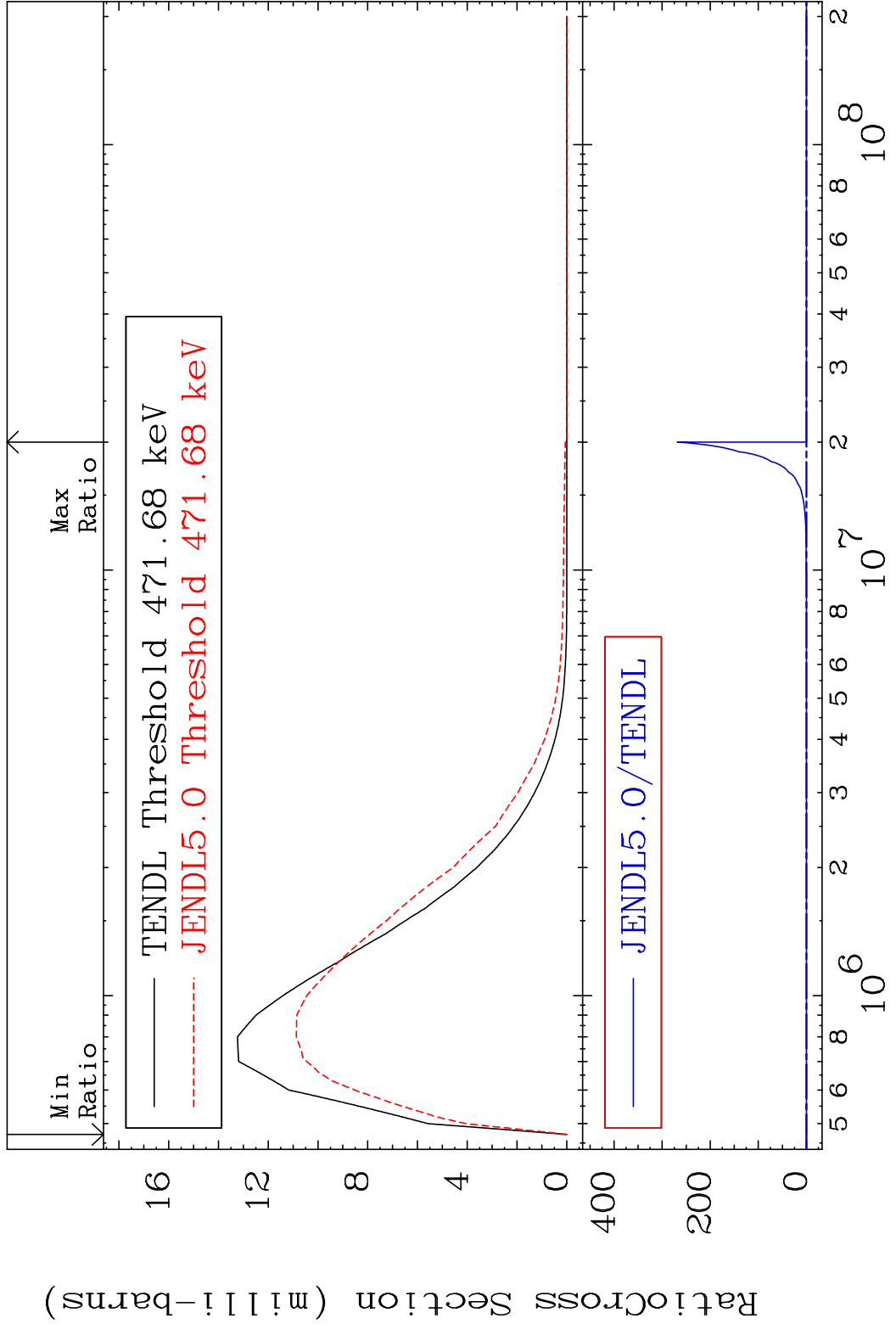
MAT 3322 MT= 66 (n,n') Level 33-As-74
 Cross Section -100.0 To 509.0 %



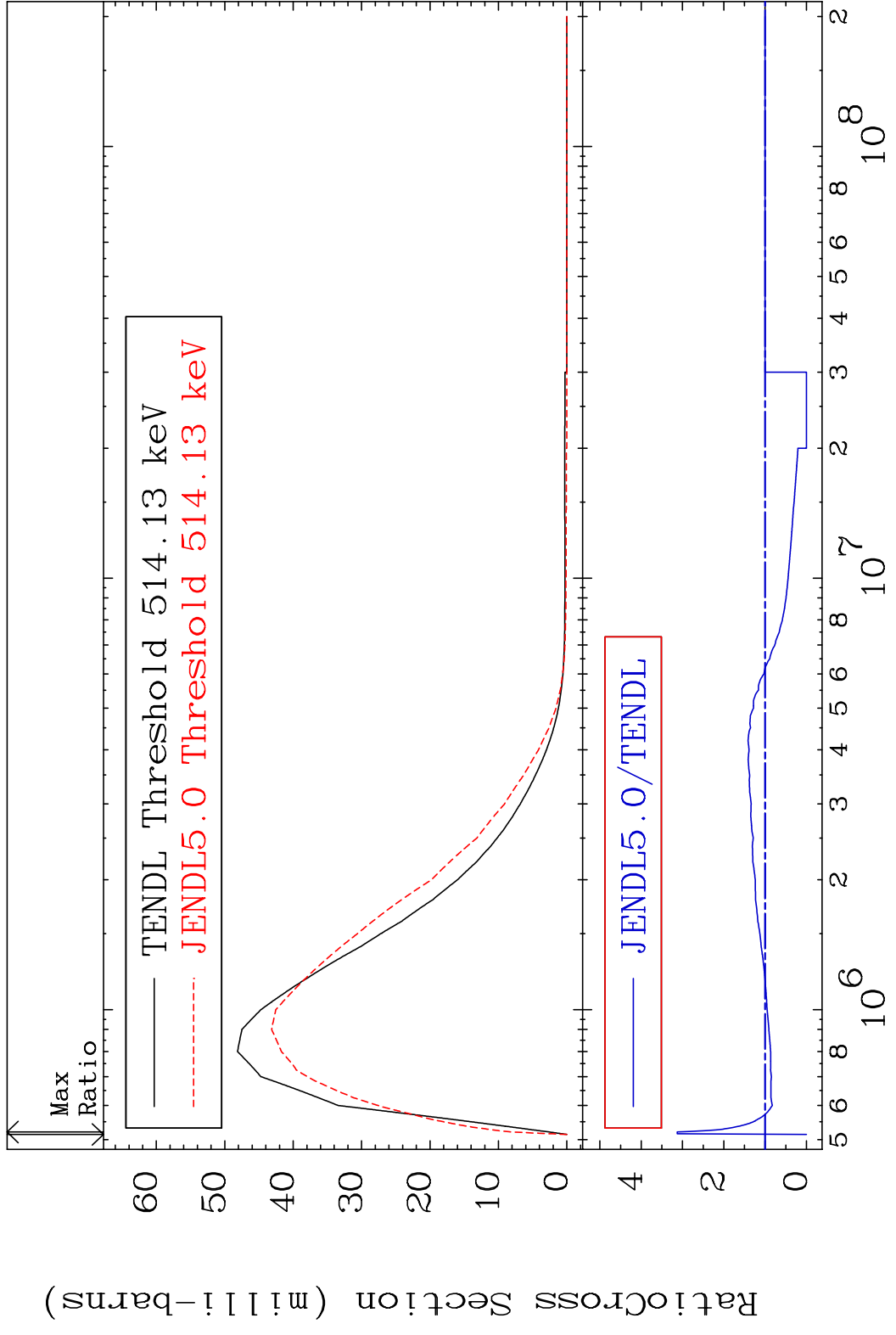
MAT 3322 MT= 67 (n, n') Level 33-As-74
 Cross Section -100.0 To 38.14 %



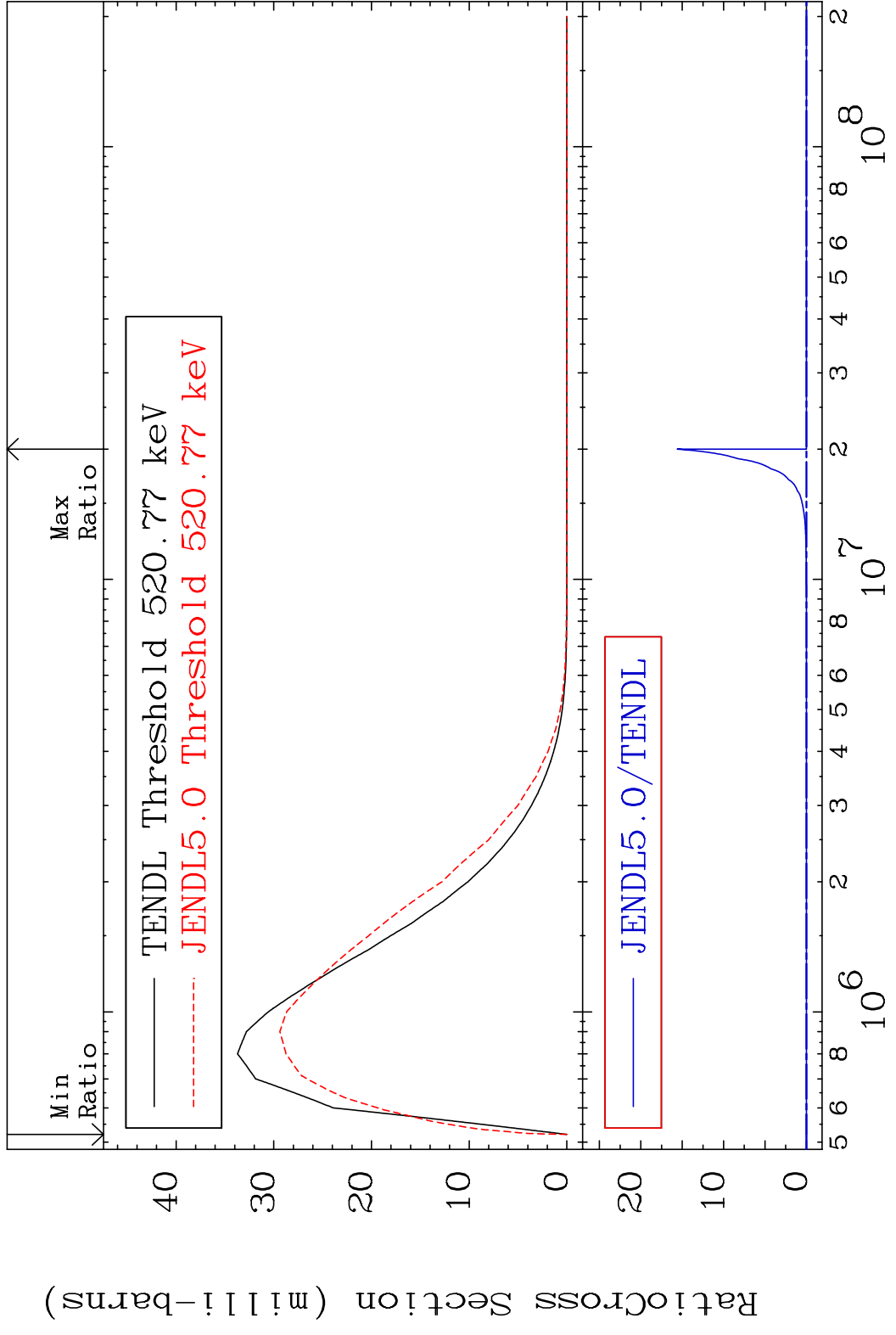
MAT 3322 MT= 68 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



MAT 3322 MT= 69 (n, n') Level 33-As-74
 Cross Section -100.0 To 212.9 %

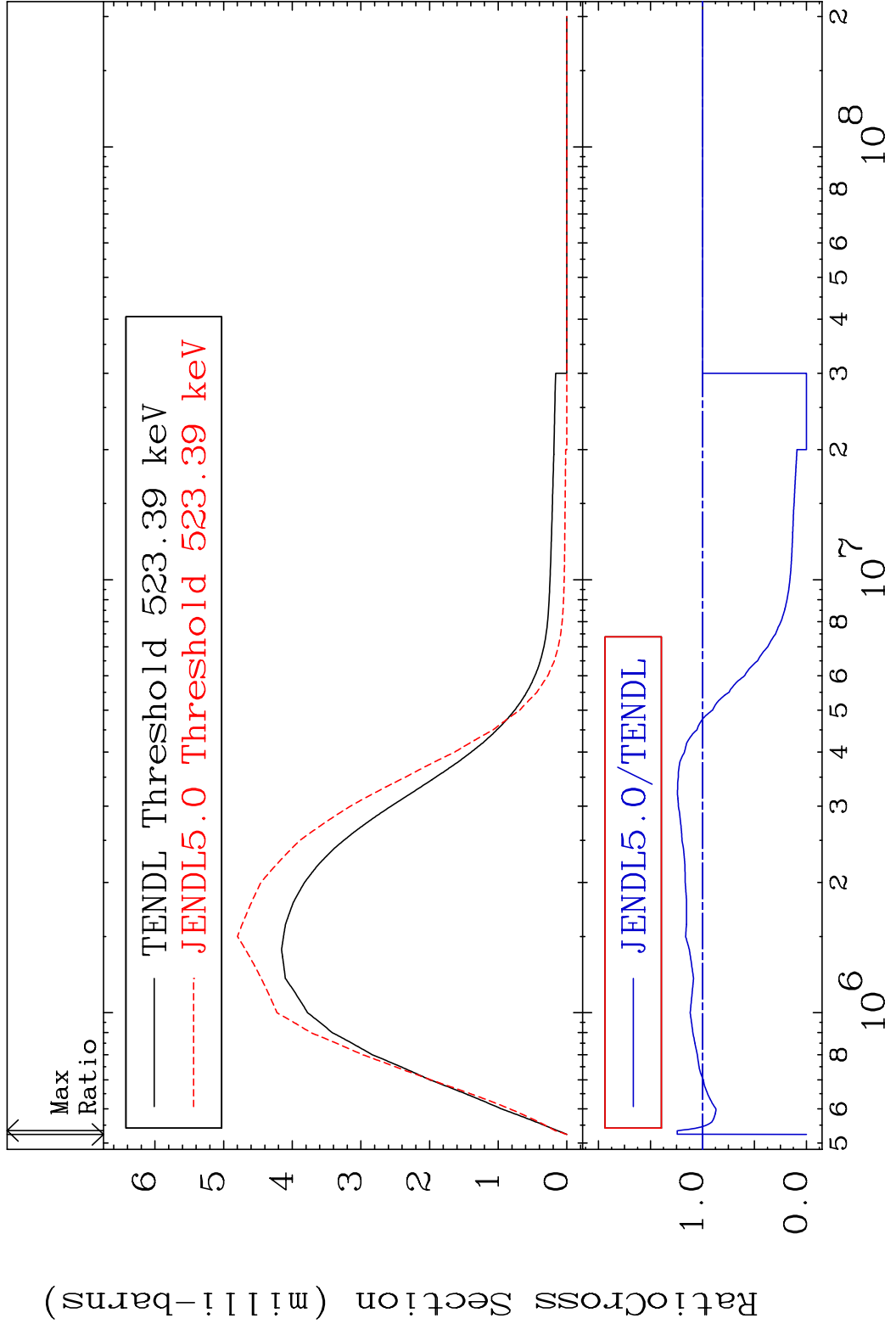


MAT 3322 MT= 70 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %

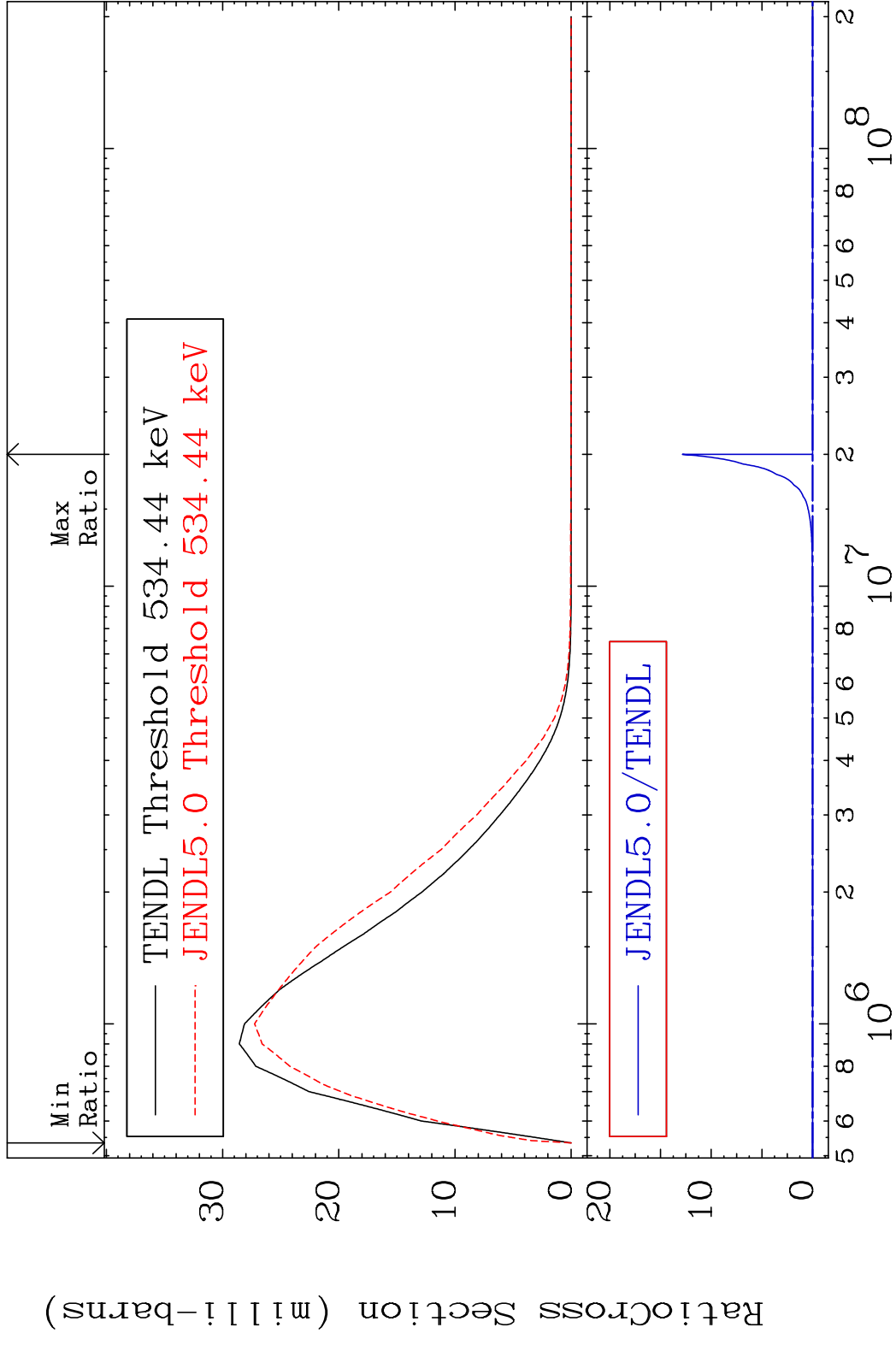


32 Incident Energy (eV) 33-As-74

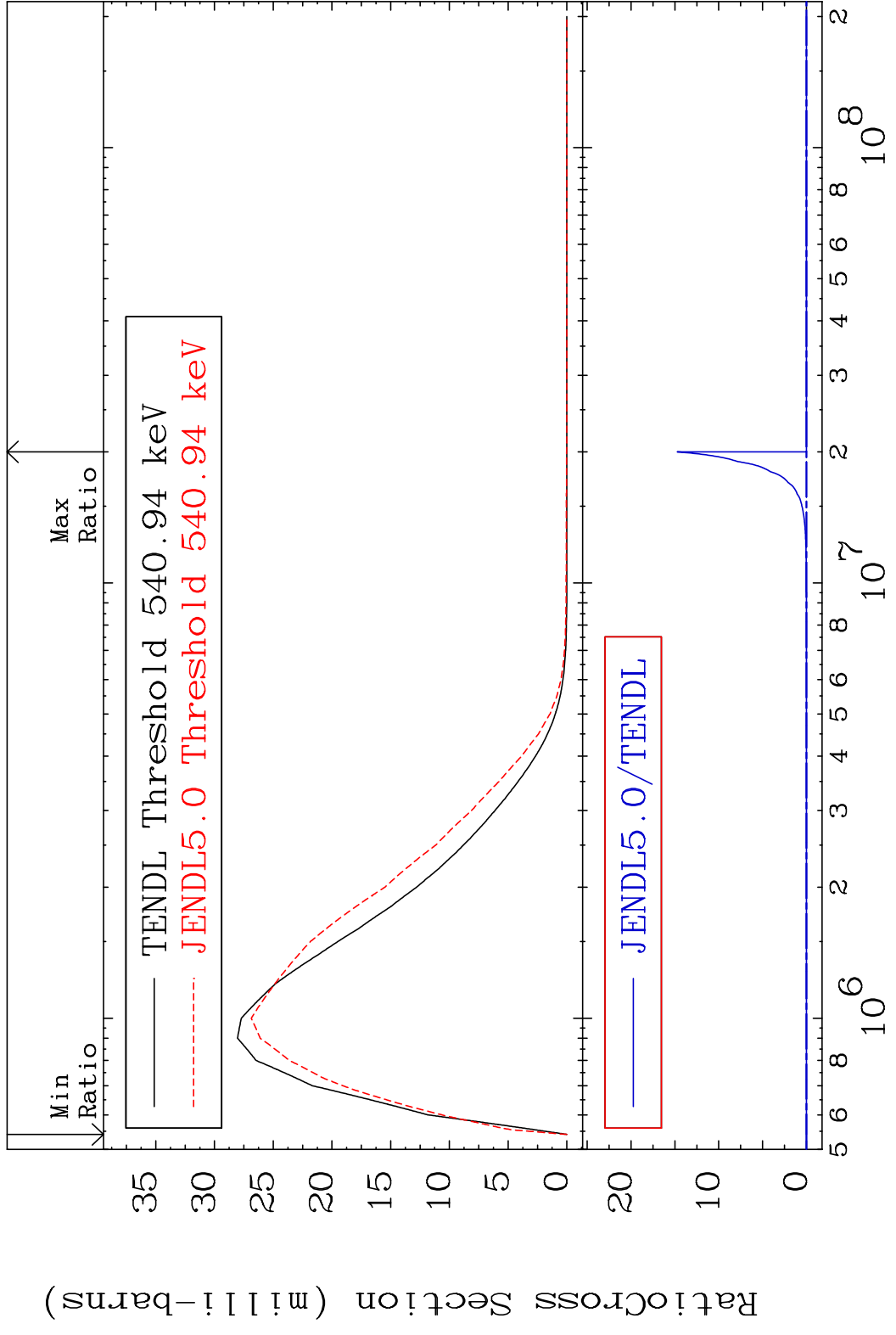
MAT 3322 MT= 71 (n,n') Level 33-As-74
 Cross Section -100.0 To 24.33 %



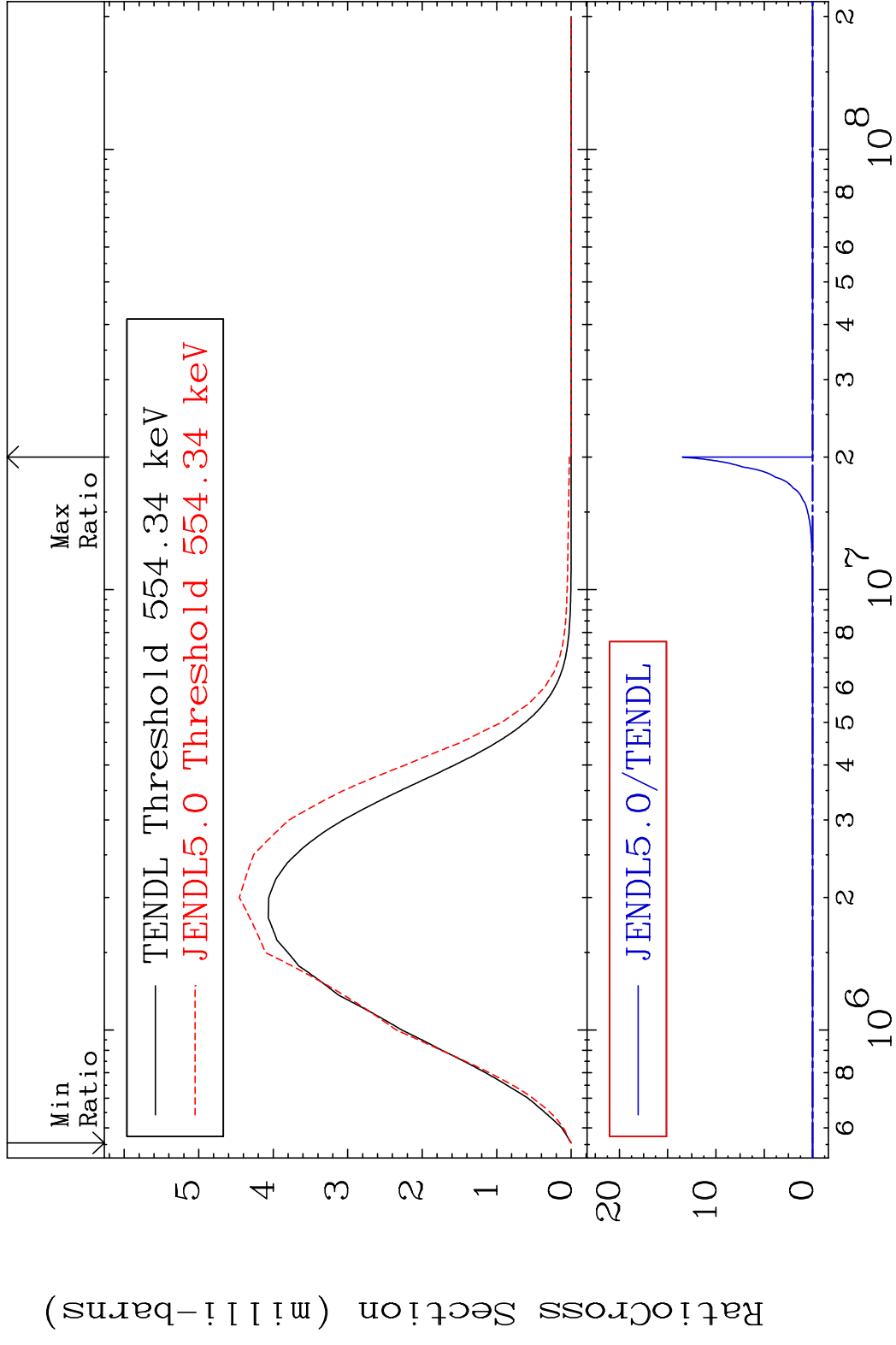
MAT 3322 MT= 72 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



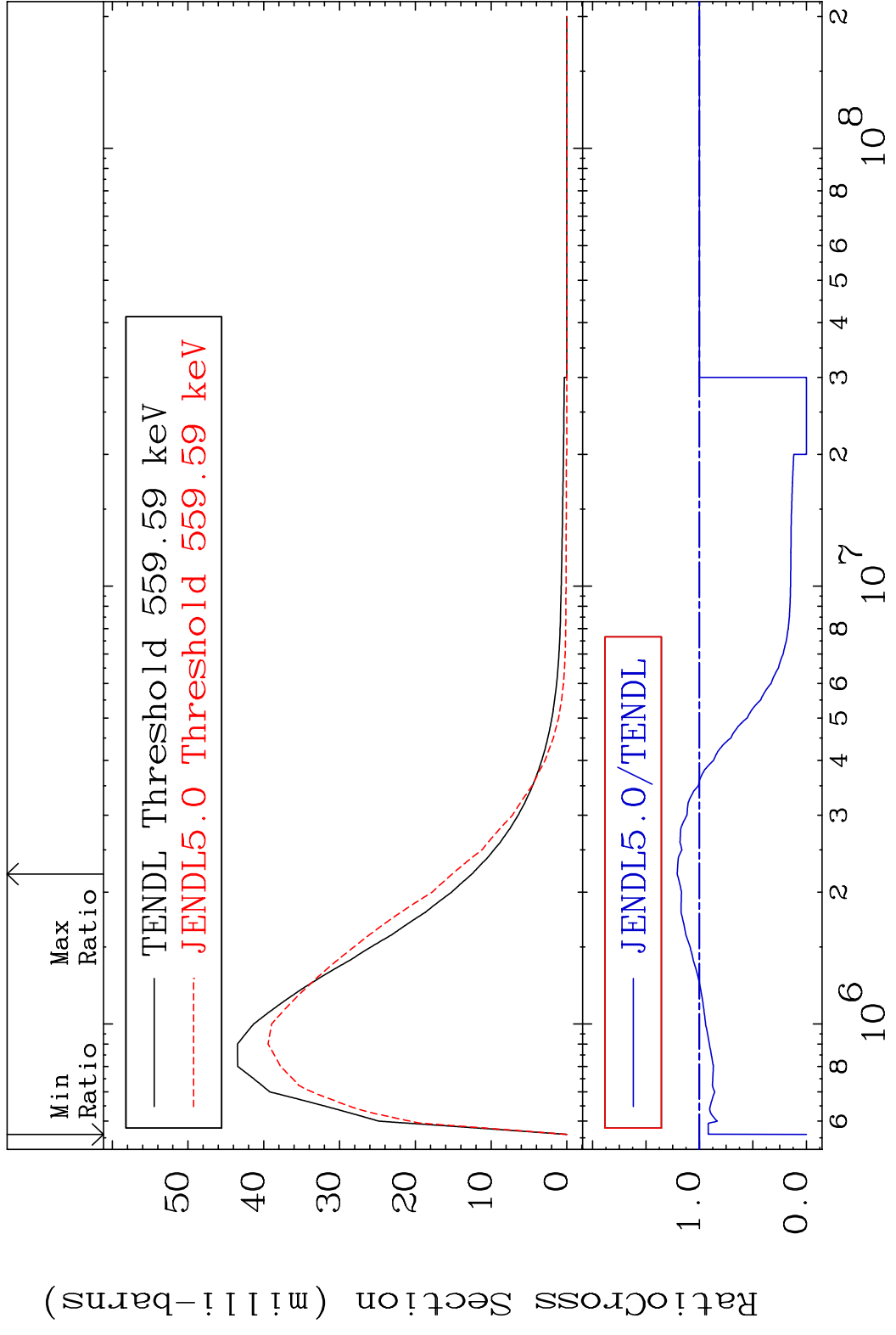
MAT 3322 MT= 73 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



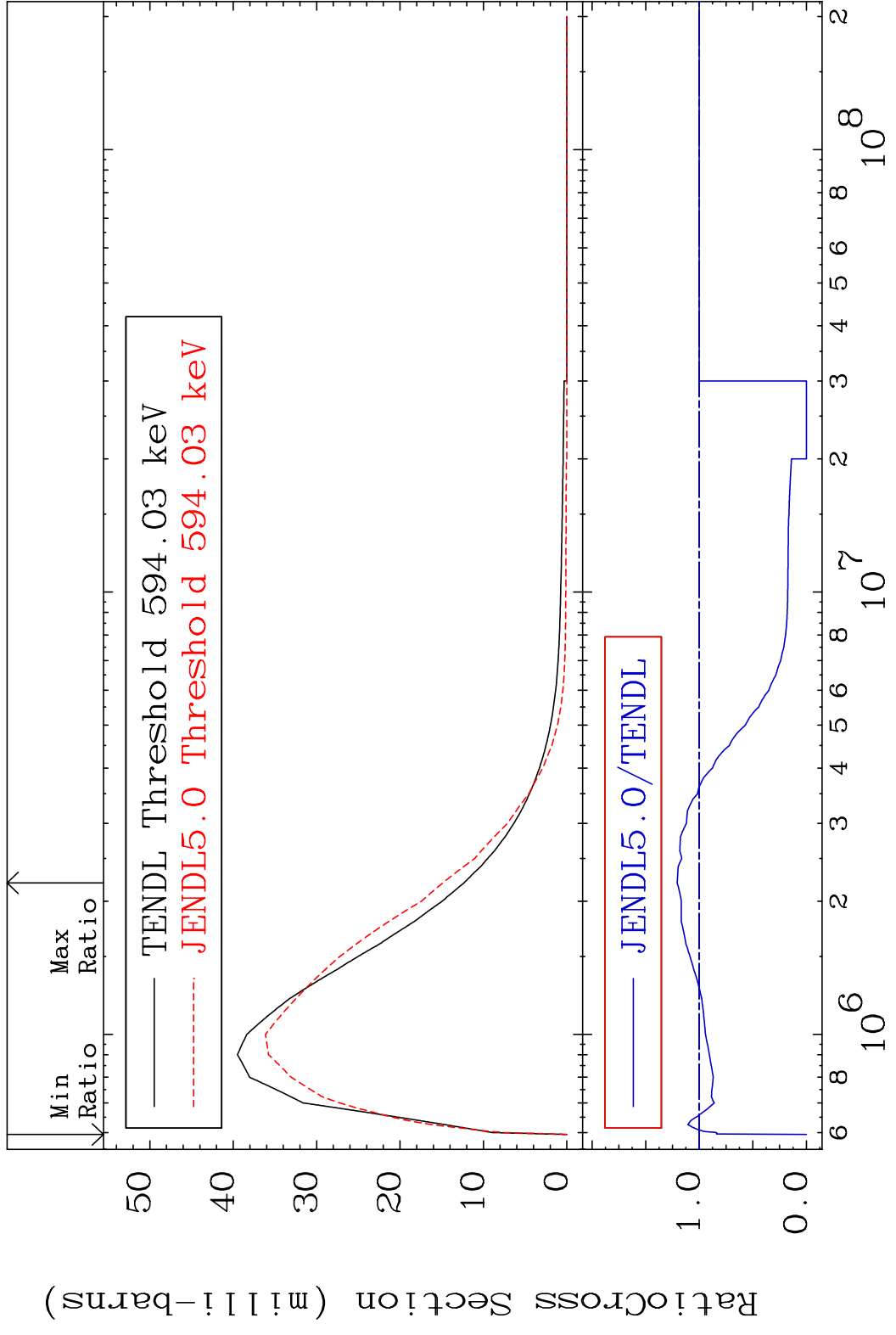
MAT 3322 MT= 74 (n, n') Level 33-As-74
 Cross Section -100.0 To 9999. %



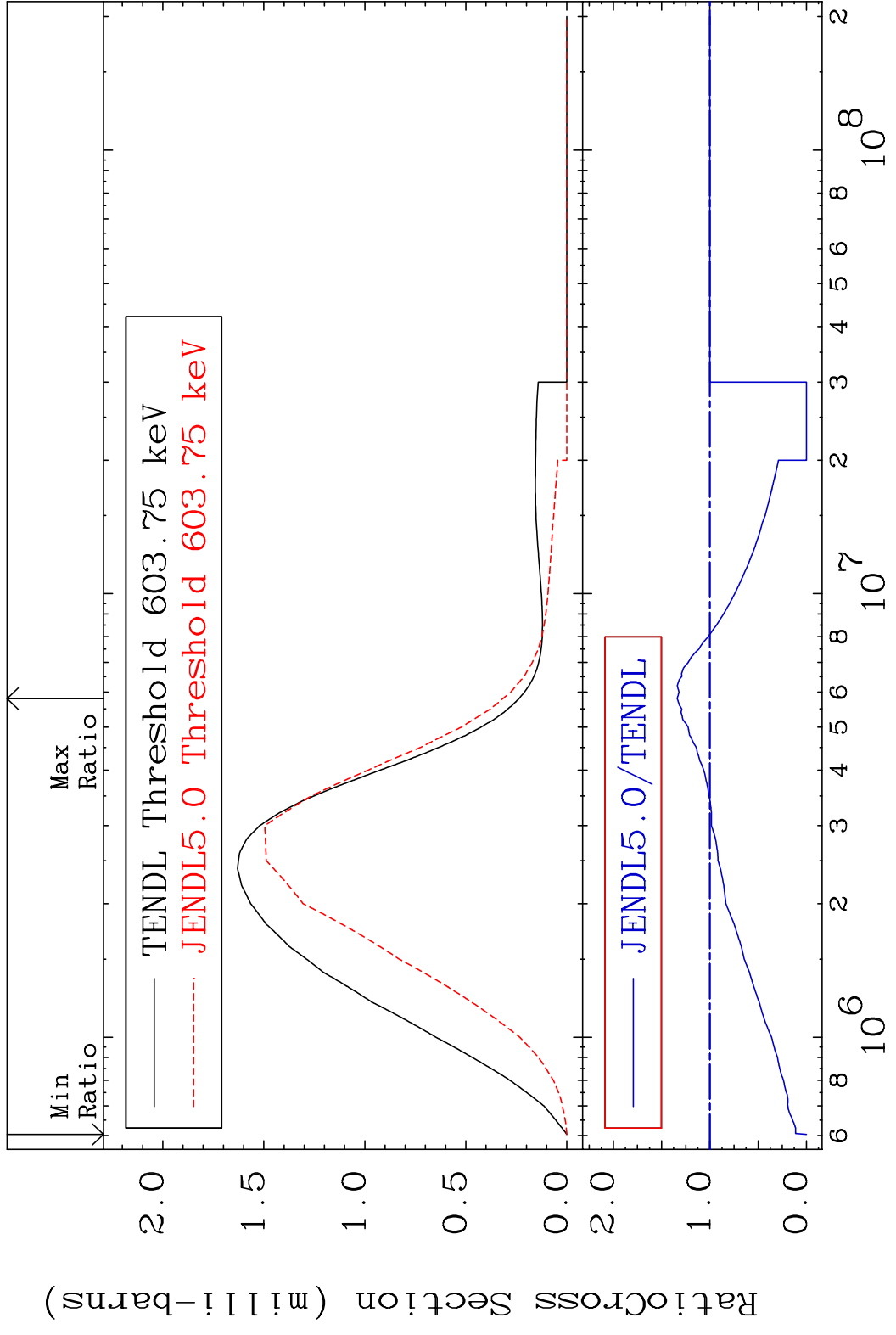
MAT 3322 MT= 75 (n,n') Level 33-As-74
 Cross Section -100.0 To 20.81 %



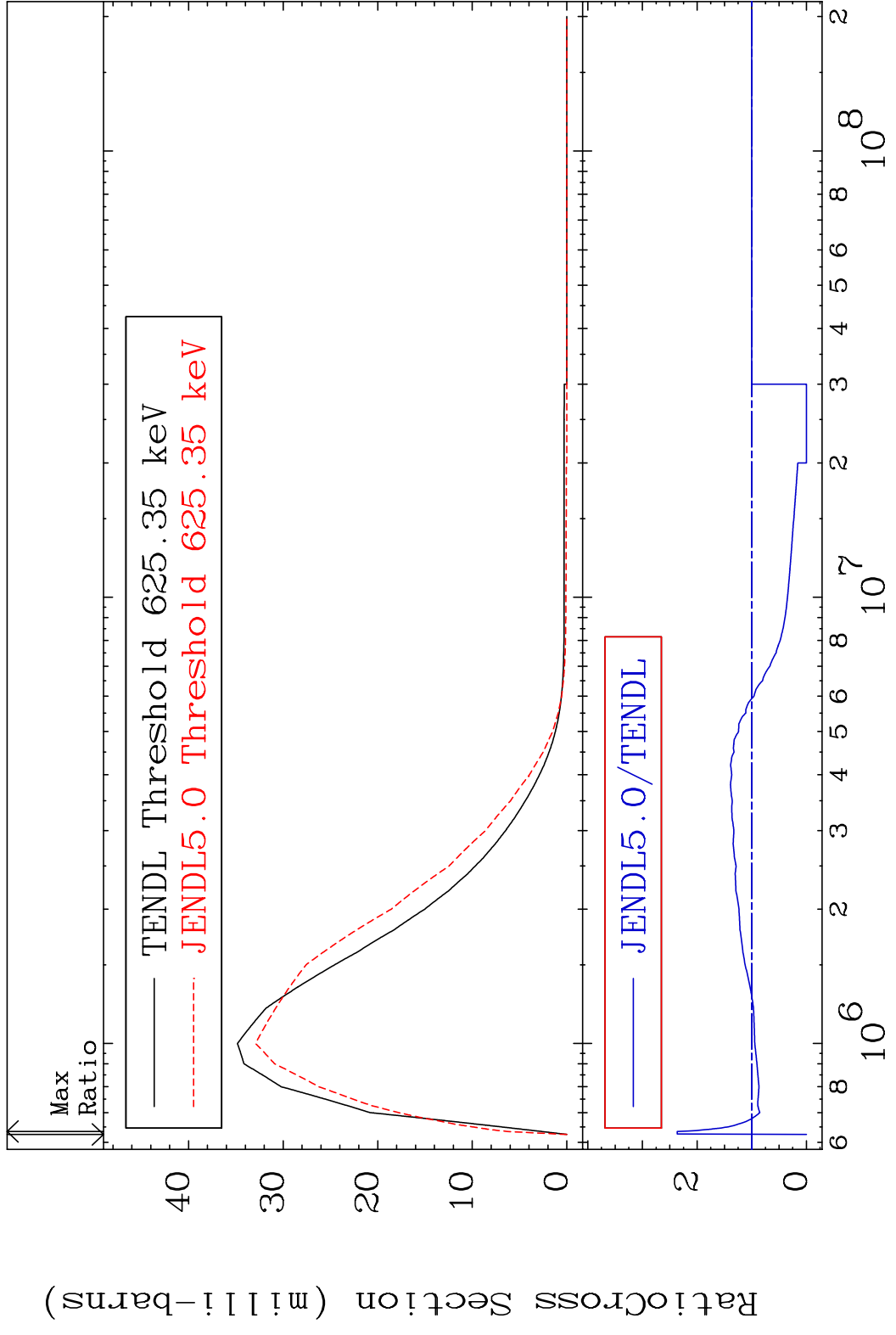
MAT 3322 MT= 76 (n,n') Level 33-As-74
 Cross Section -100.0 To 20.58 %



MAT 3322 MT= 77 (n, n') Level 33-As-74
 Cross Section -100.0 To 33.87 %

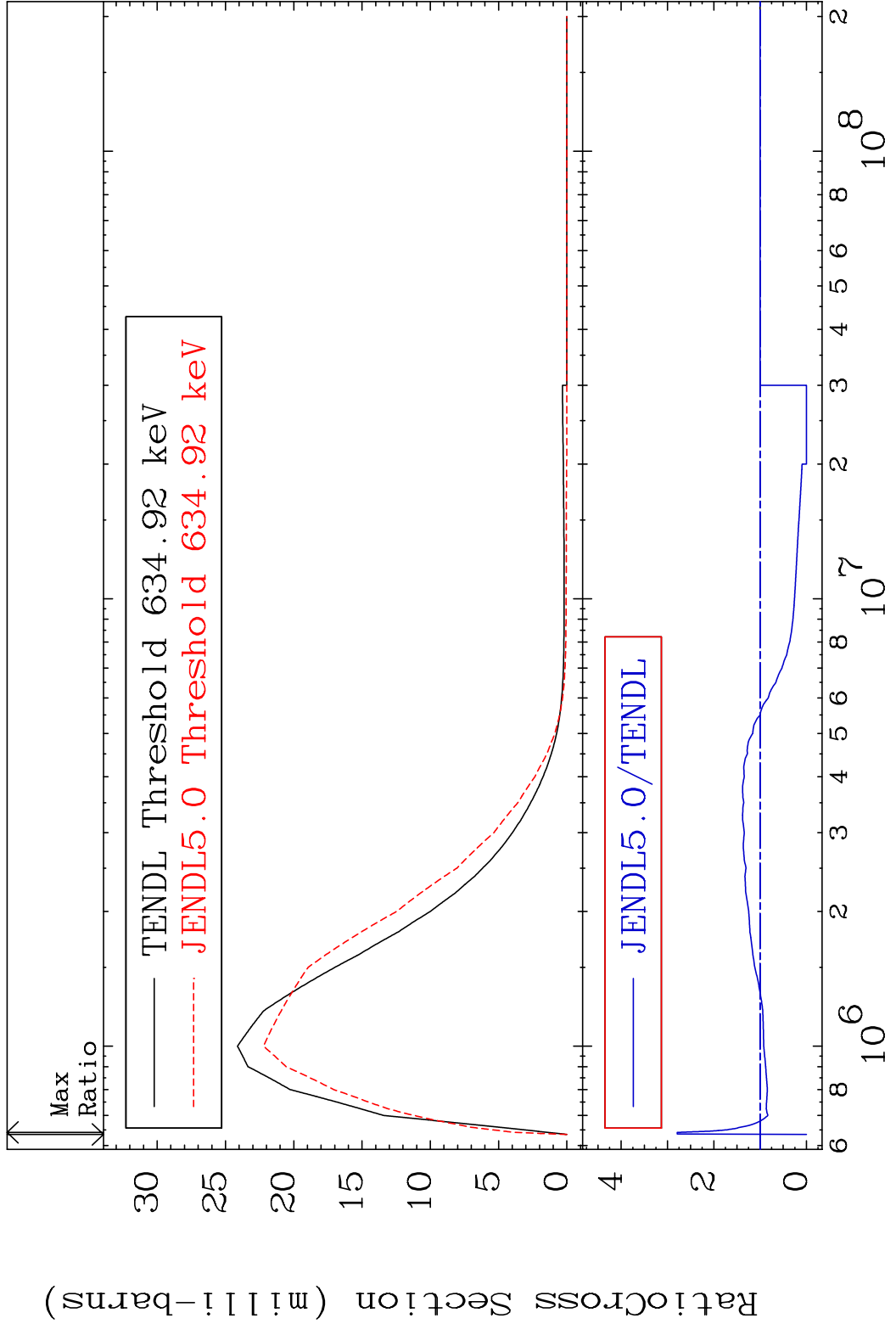


MAT 3322 MT= 78 (n,n') Level 33-As-74
 Cross Section -100.0 To 136.5 %

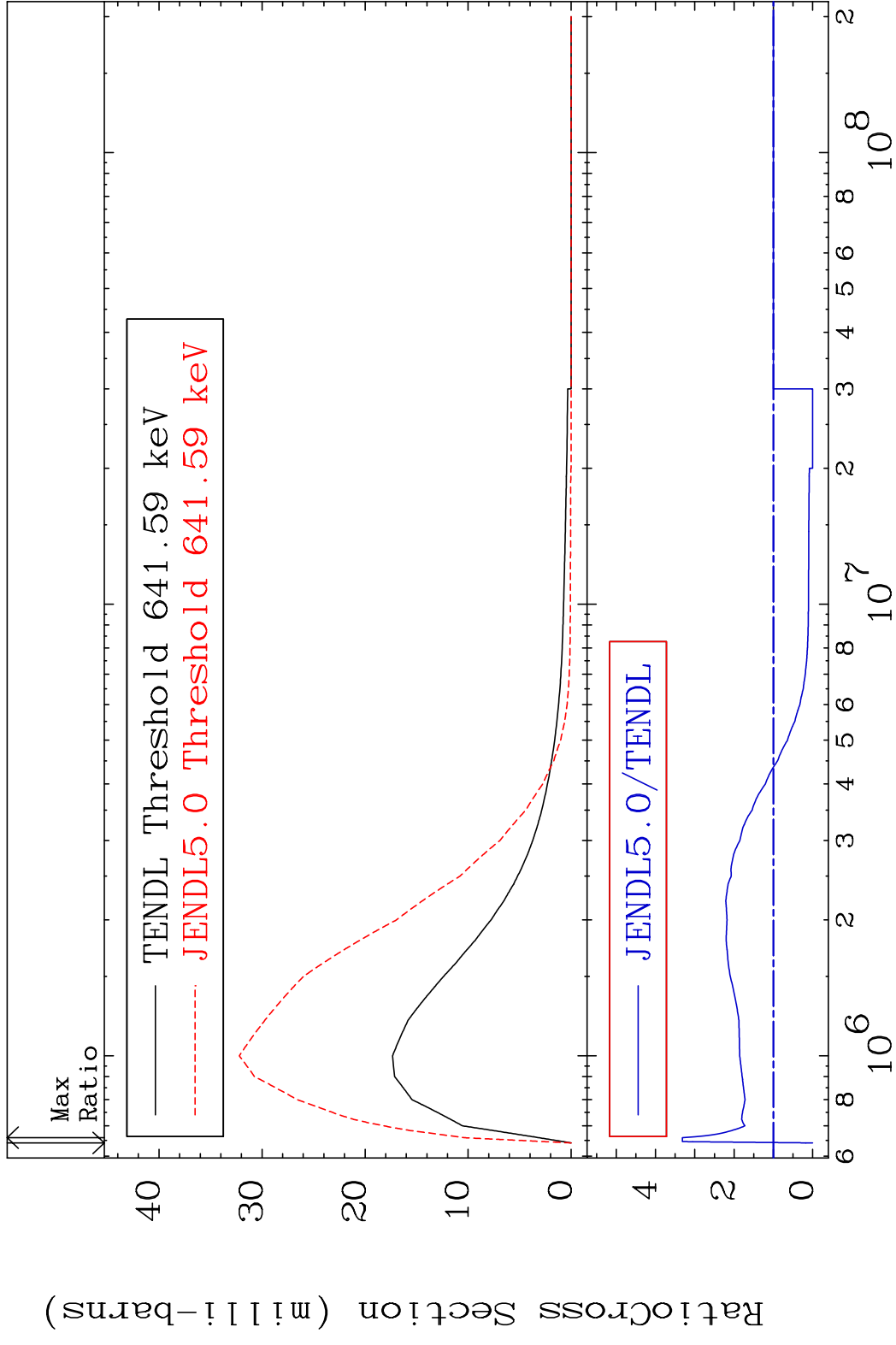


40 33-As-74

MAT 3322 MT= 79 (n,n') Level 33-As-74
 Cross Section -100.0 To 179.1 %



MAT 3322 MT= 80 (n,n') Level 33-As-74
 Cross Section -100.0 To 231.7 %



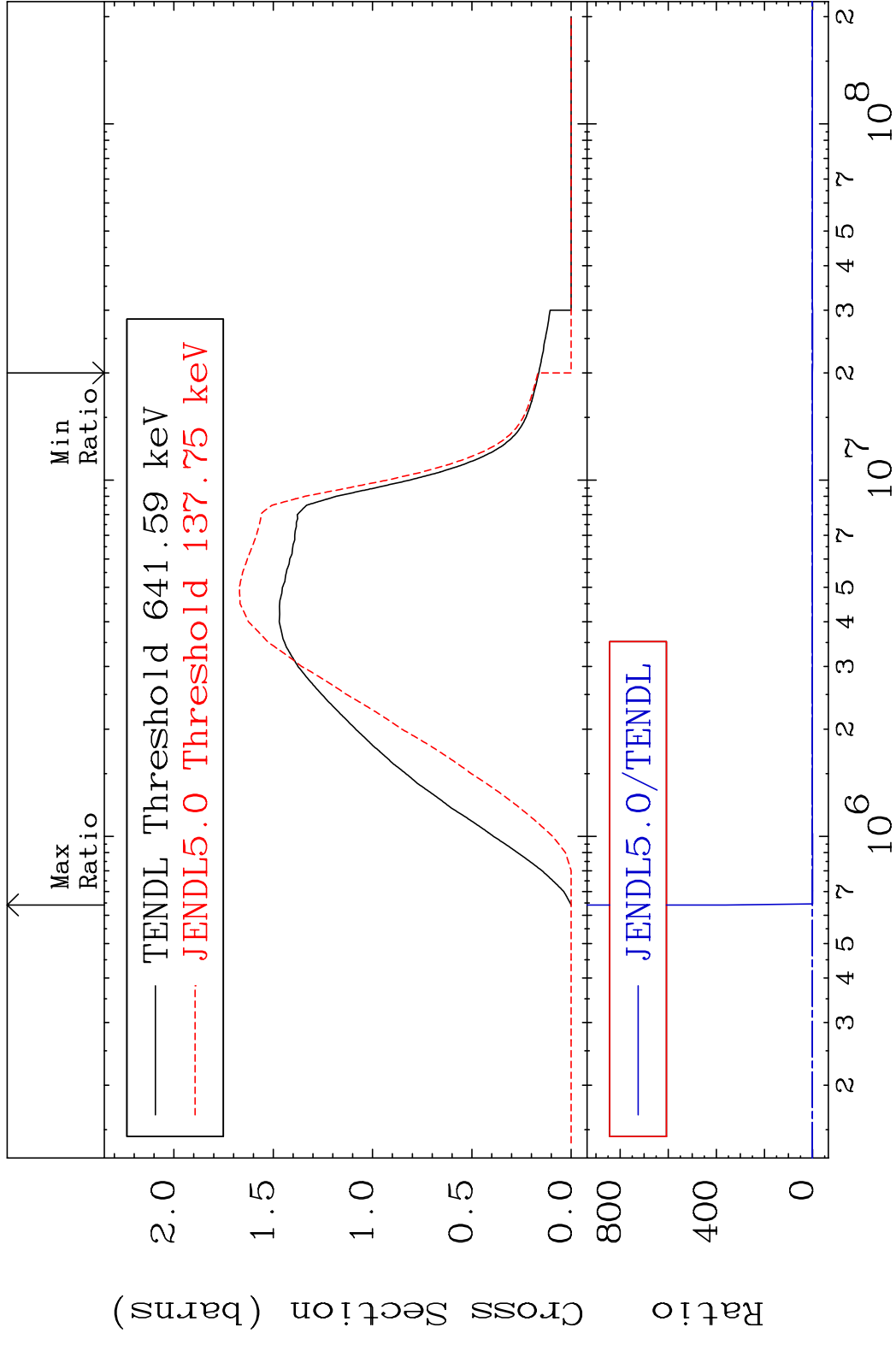
42 Incident Energy (eV) 33-As-74

MAT 3322

(n, n') Continuum

33-As-74

Cross Section -100.0 To 9999. %

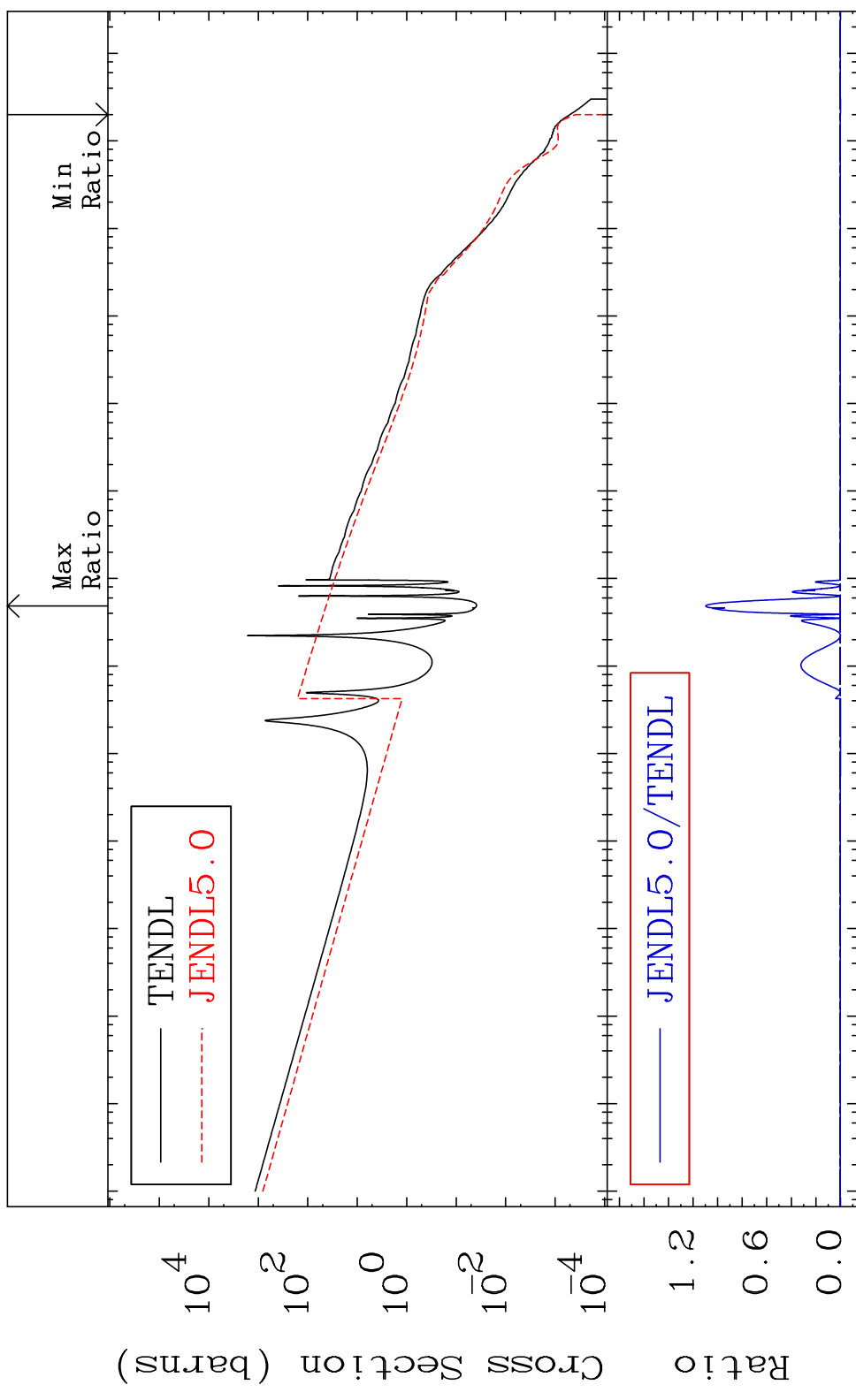


MAT 3322

(n, γ)

33-As-74

Cross Section -100.0 To 9999. %

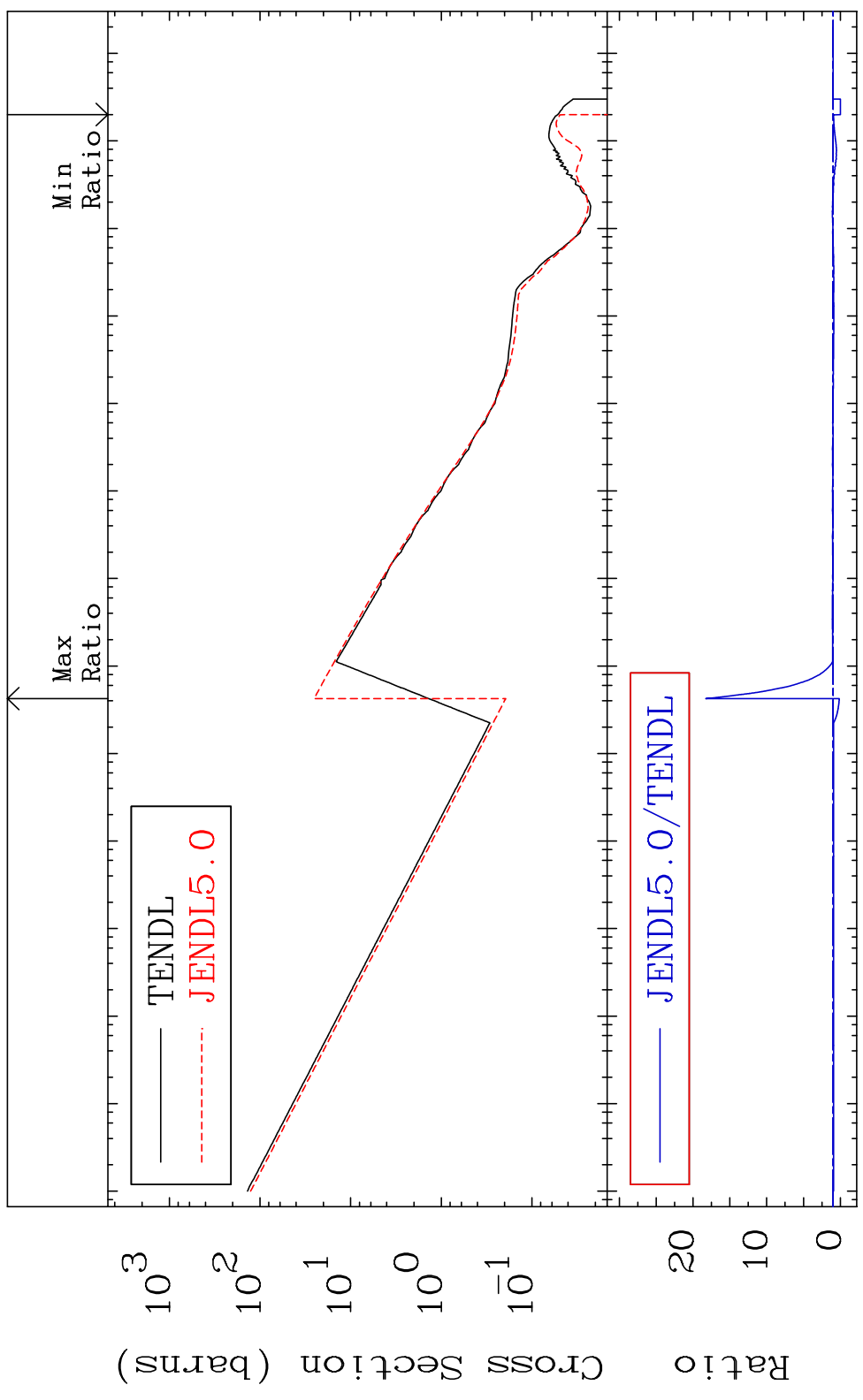


MAT 3322

(n,p)

33-As-74

Cross Section -100.0 To 1728. %



45

Incident Energy (eV)

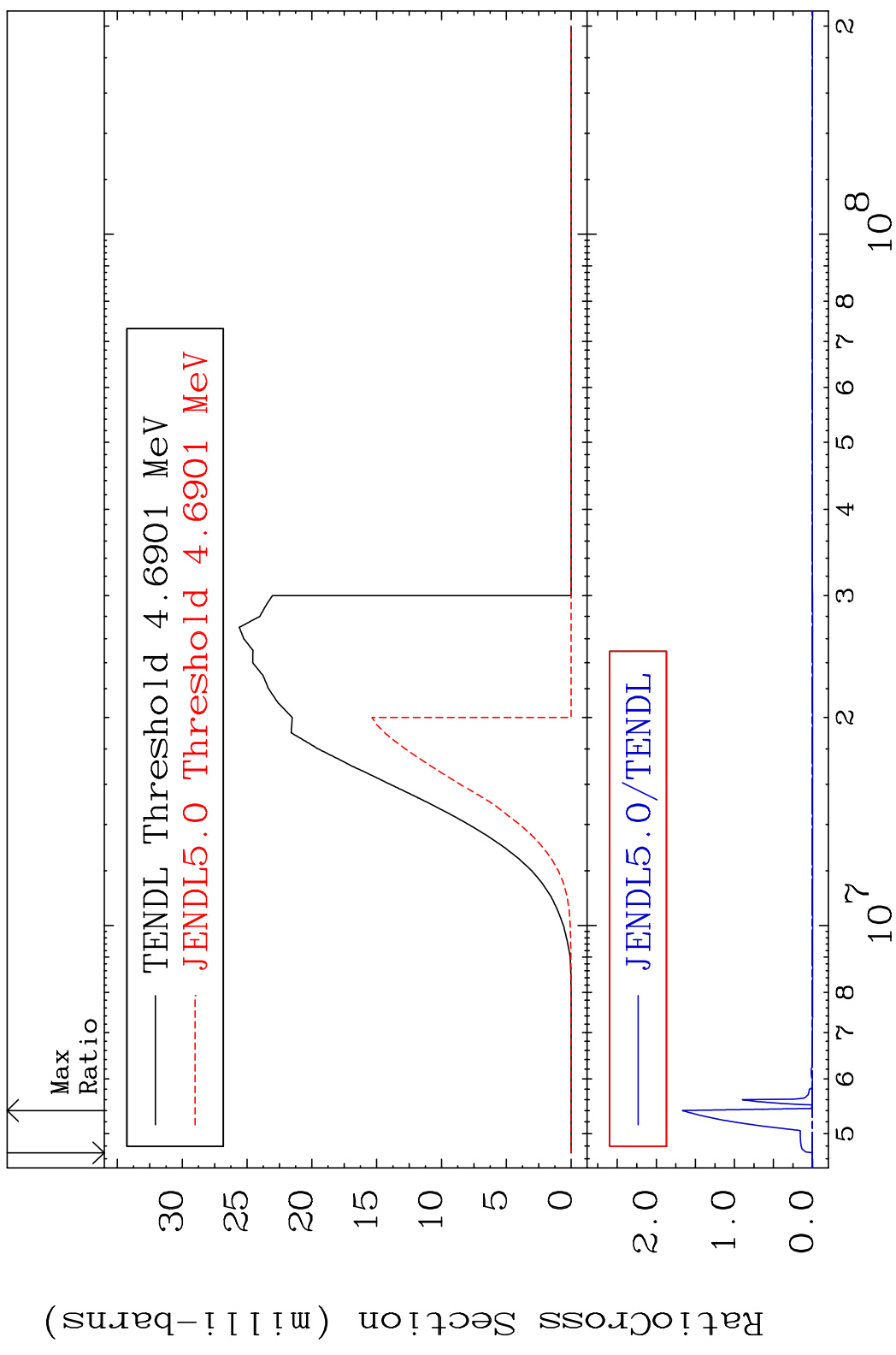
33-As-74

MAT 3322

(n,d)

33-As-74

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

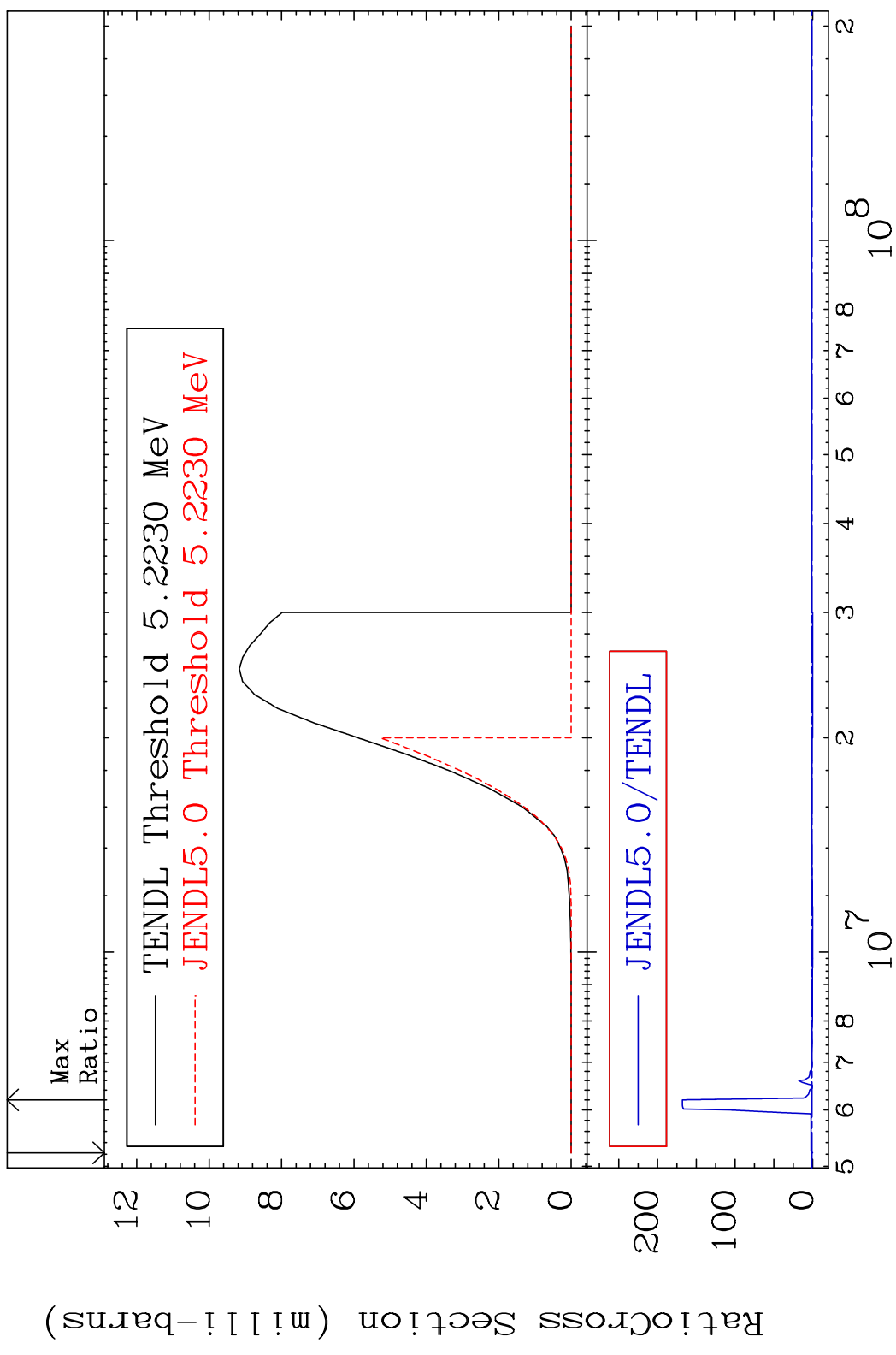
33-As-74

MAT 3322

(n, t)

33-As-74

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

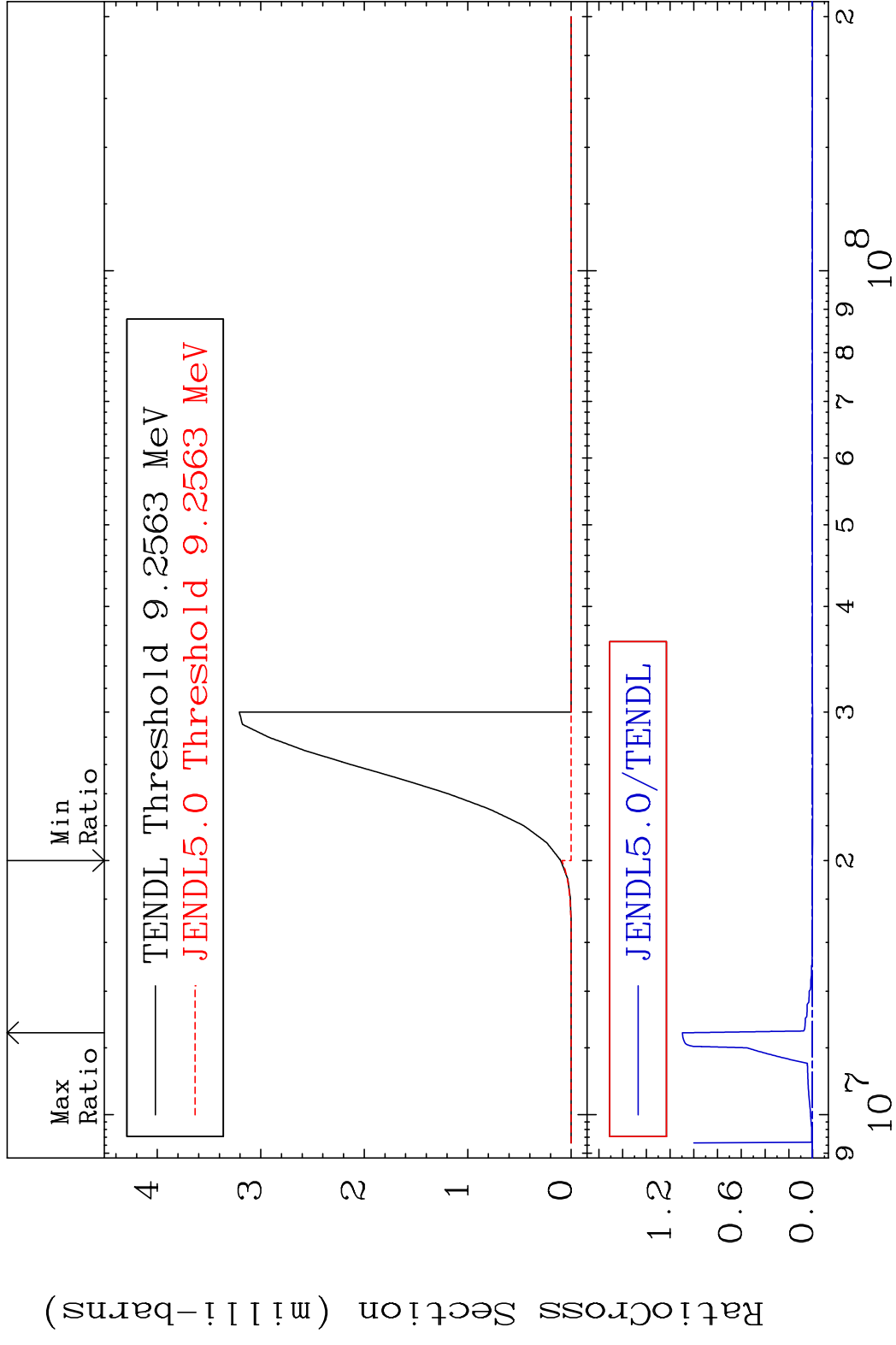
33-As-74

MAT 3322

(n, He-3)

33-As-74

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

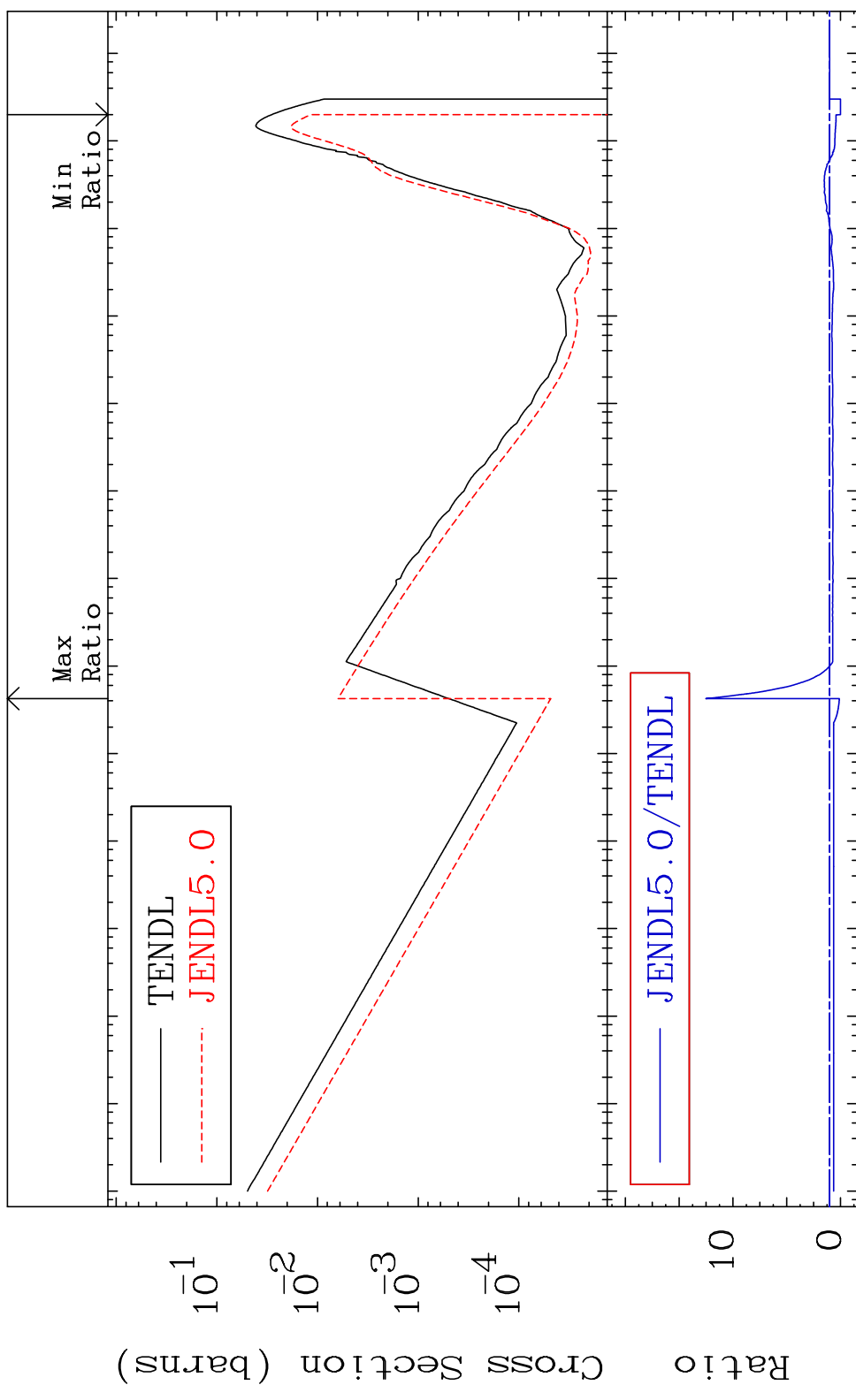
33-As-74

MAT 3322

(n, α)

33-AS-74

Cross Section -100.0 To 1153. %



49

Incident Energy (eV)

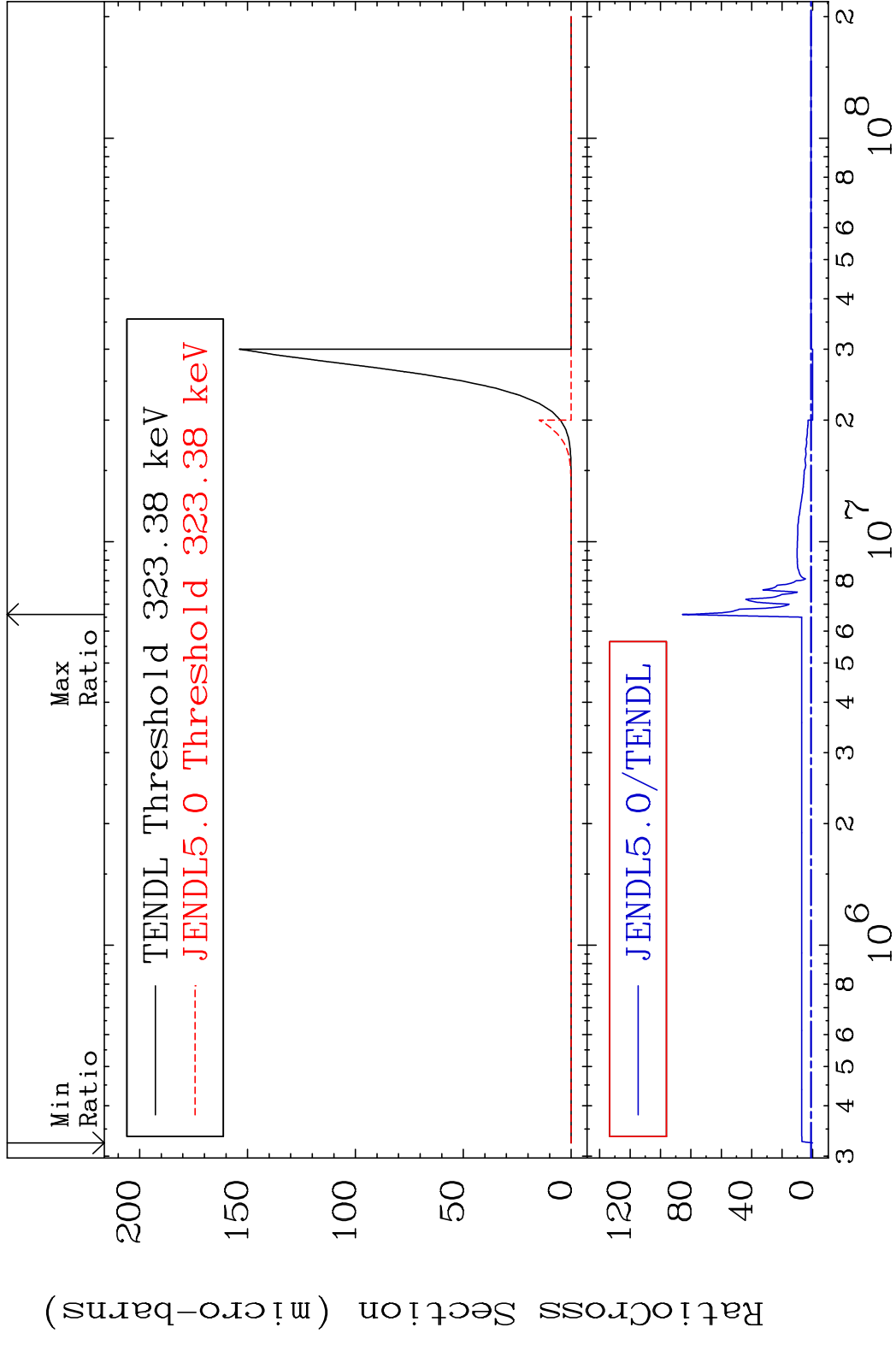
33-AS-74

MAT 3322

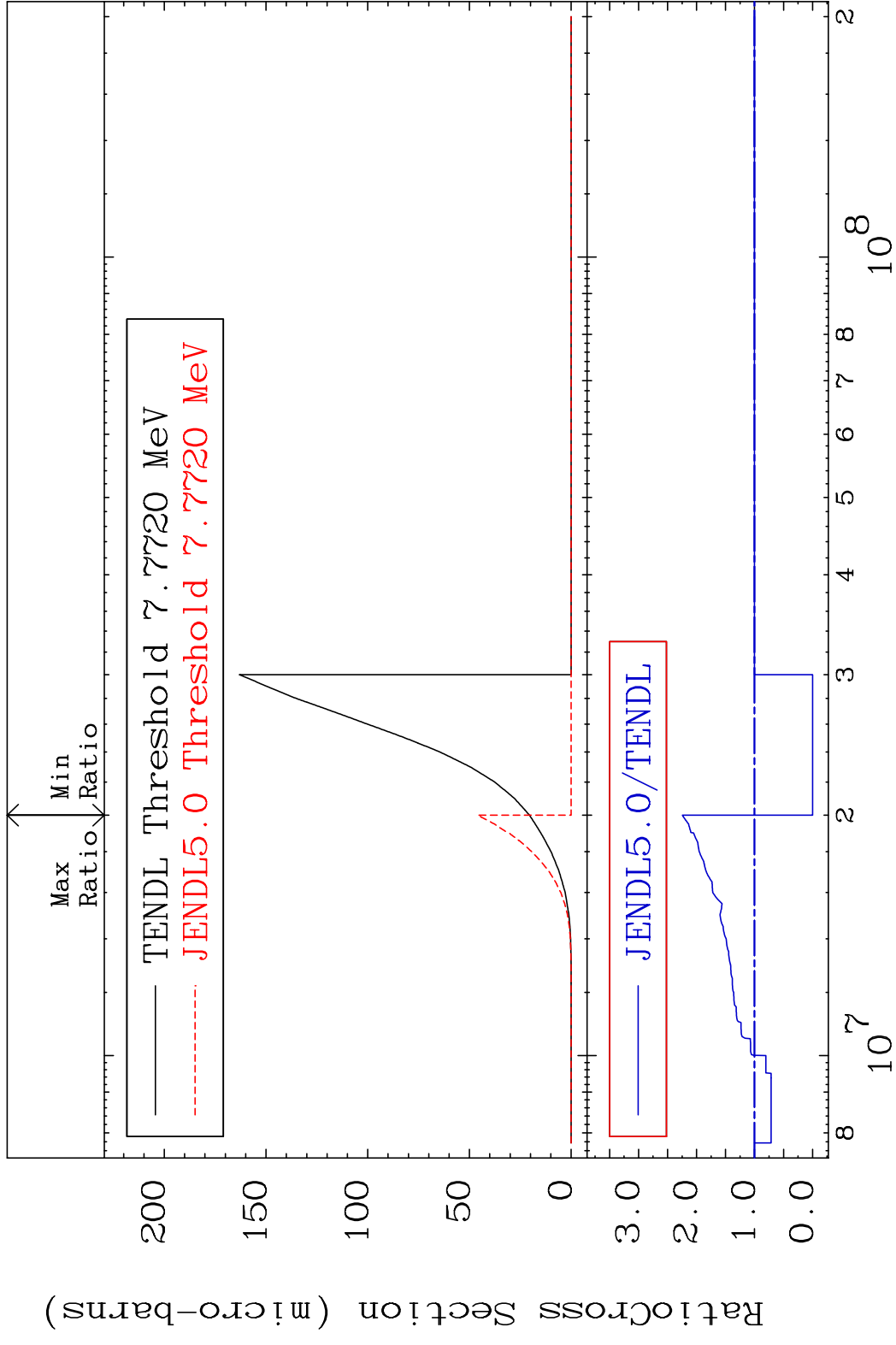
(n,2α)

33-As-74

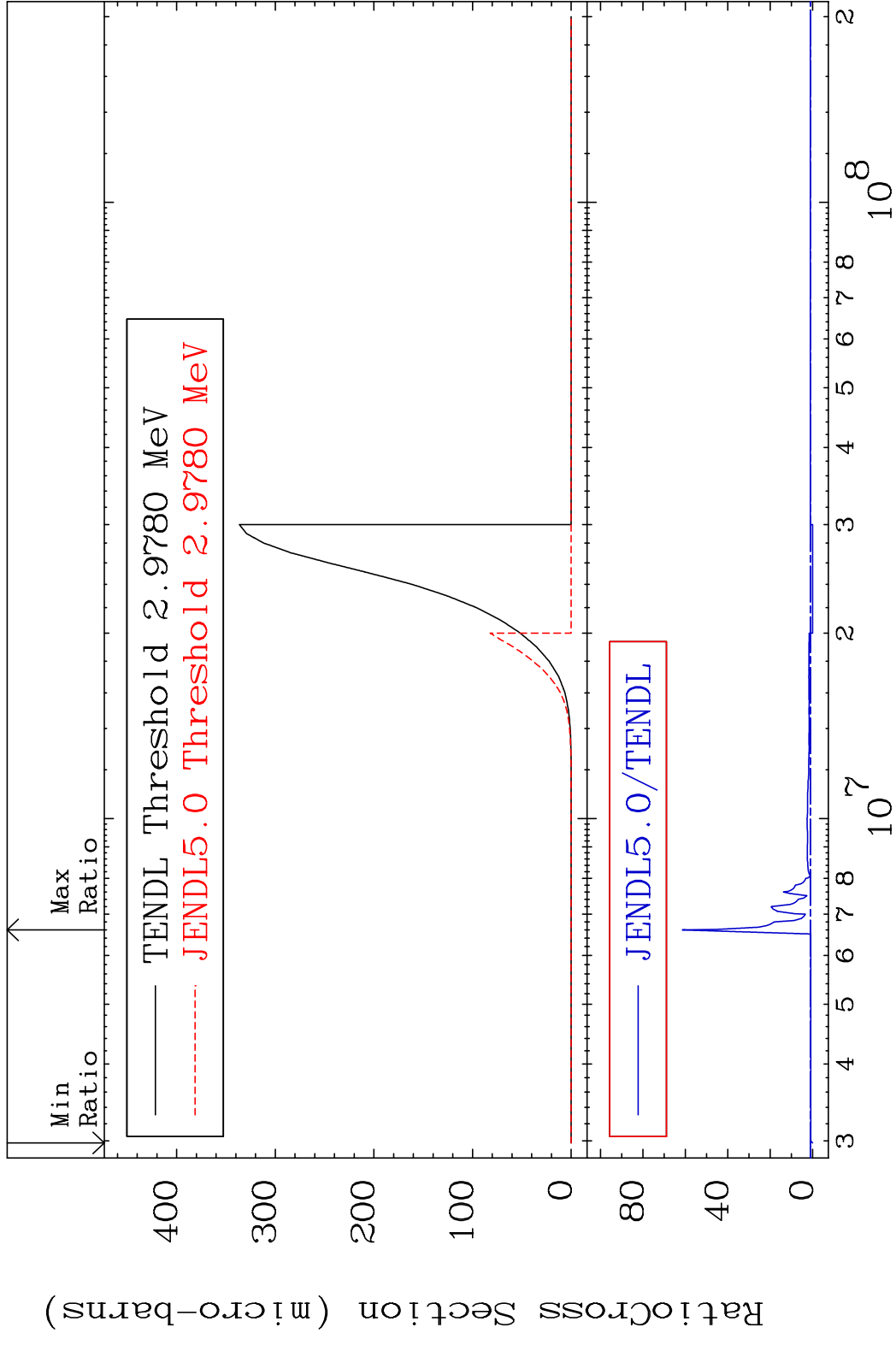
Cross Section -100.0 To 8463. %



MAT 3322 (n,2p) 33-As-74
 Cross Section -100.0 To 124.5 %



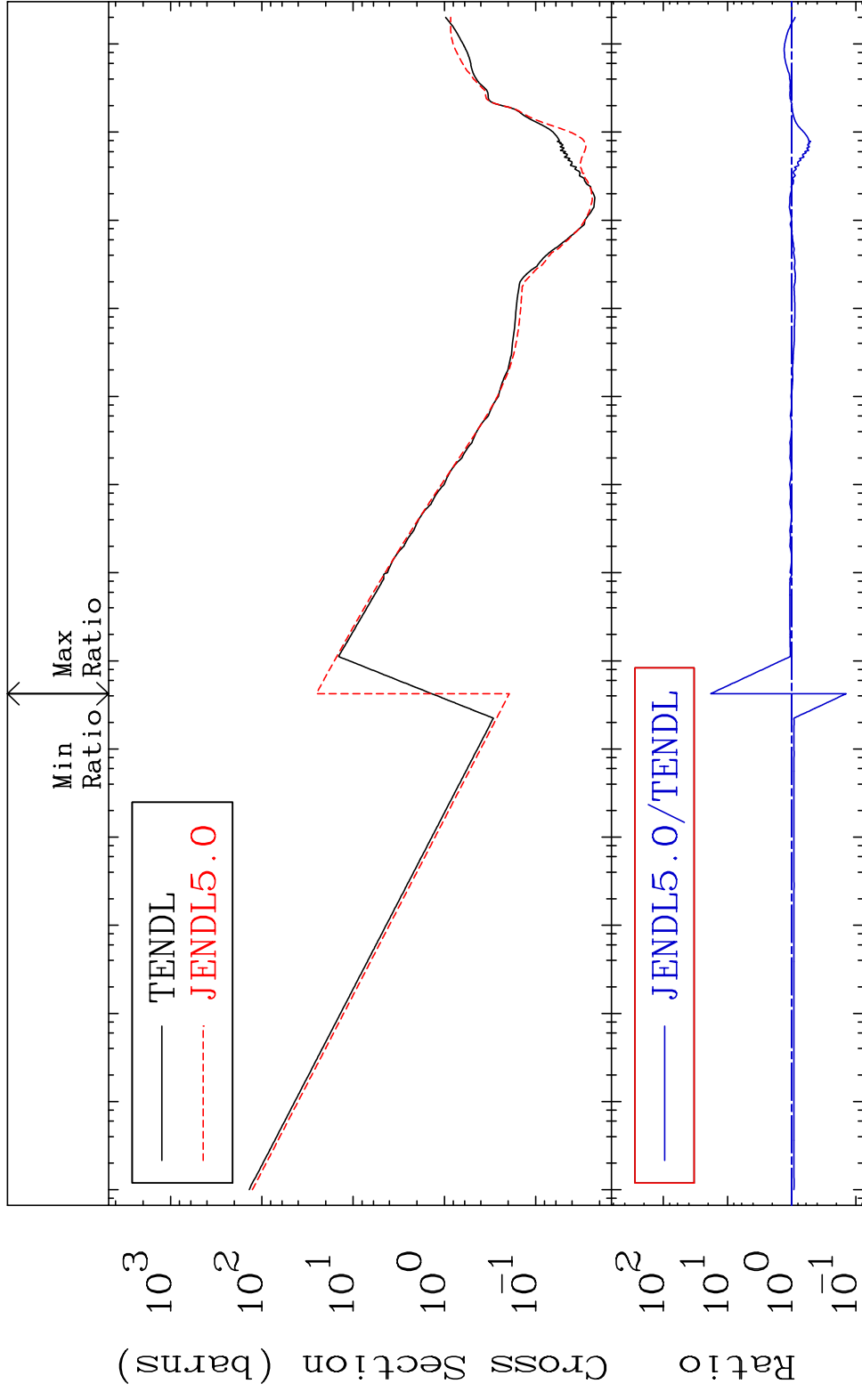
MAT 3322 (n,p) α 33-As-74
 Cross Section -100.0 To 6044. %



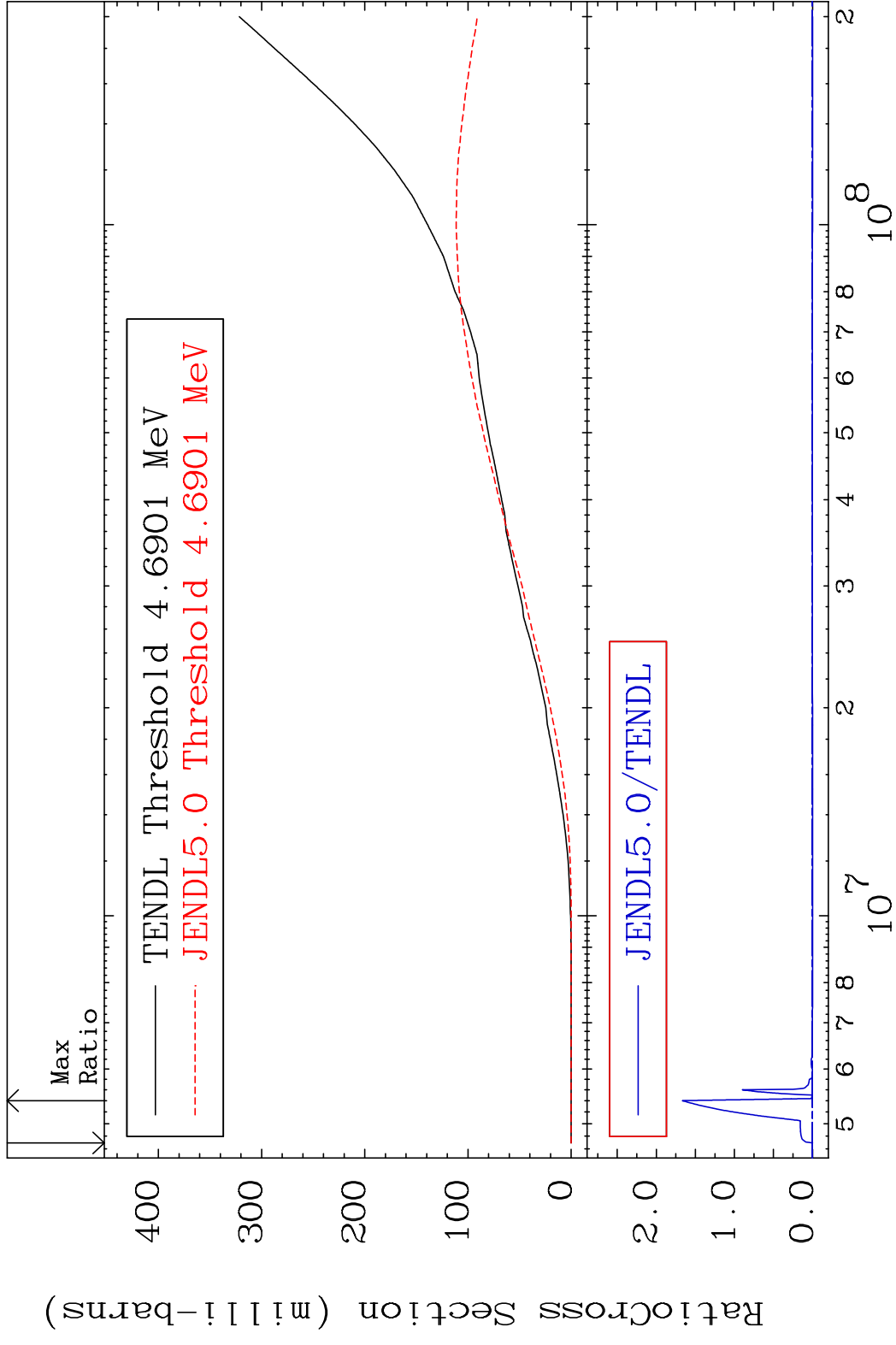
MAT 3322

Hydrogen Production
Cross Section -85.94 To 1728. %

33-As-74



MAT 3322 Deuterium Production 33-As-74
 Cross Section -100.0 To 9999. %

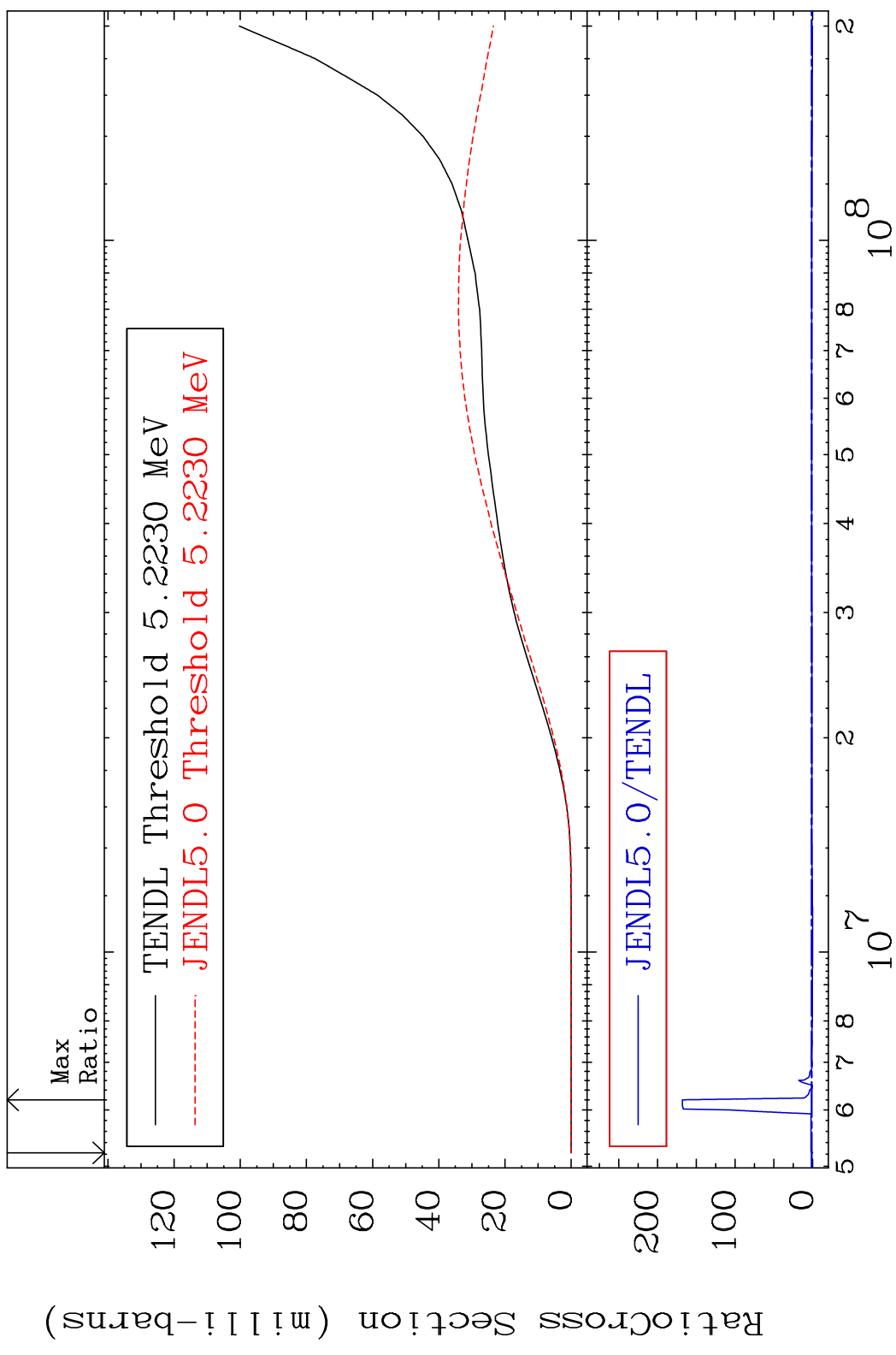


MAT 3322

Tritium Production

33-As-74

Cross Section -100.0 To 9999. %



55

Incident Energy (eV)

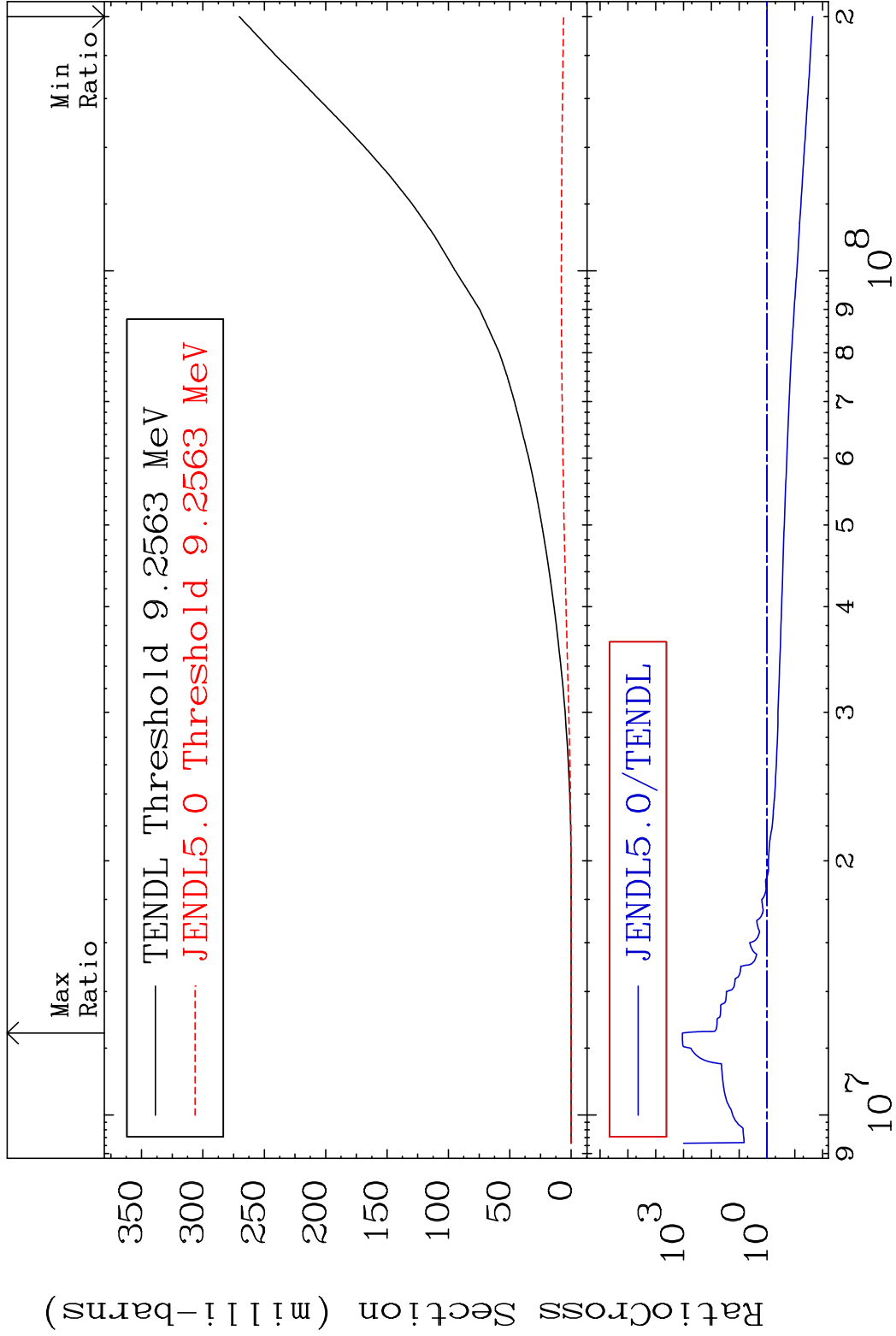
33-As-74

MAT 3322

He-3 Production

33-As-74

Cross Section -97.70 To 9999. %



56

Incident Energy (eV)

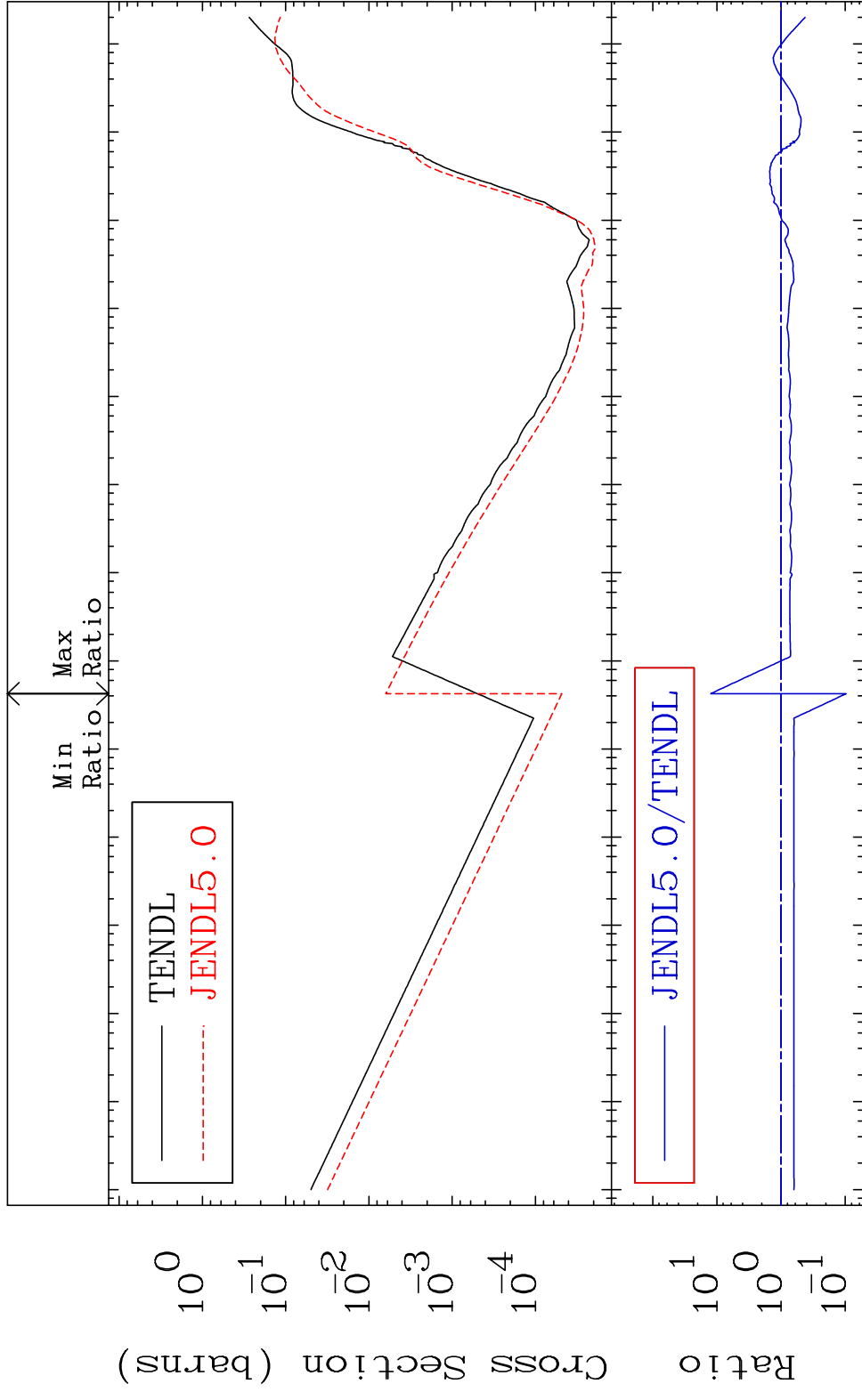
33-As-74

MAT 3322

He-4 Production

33-As-74

Cross Section -90.36 To 1153. %



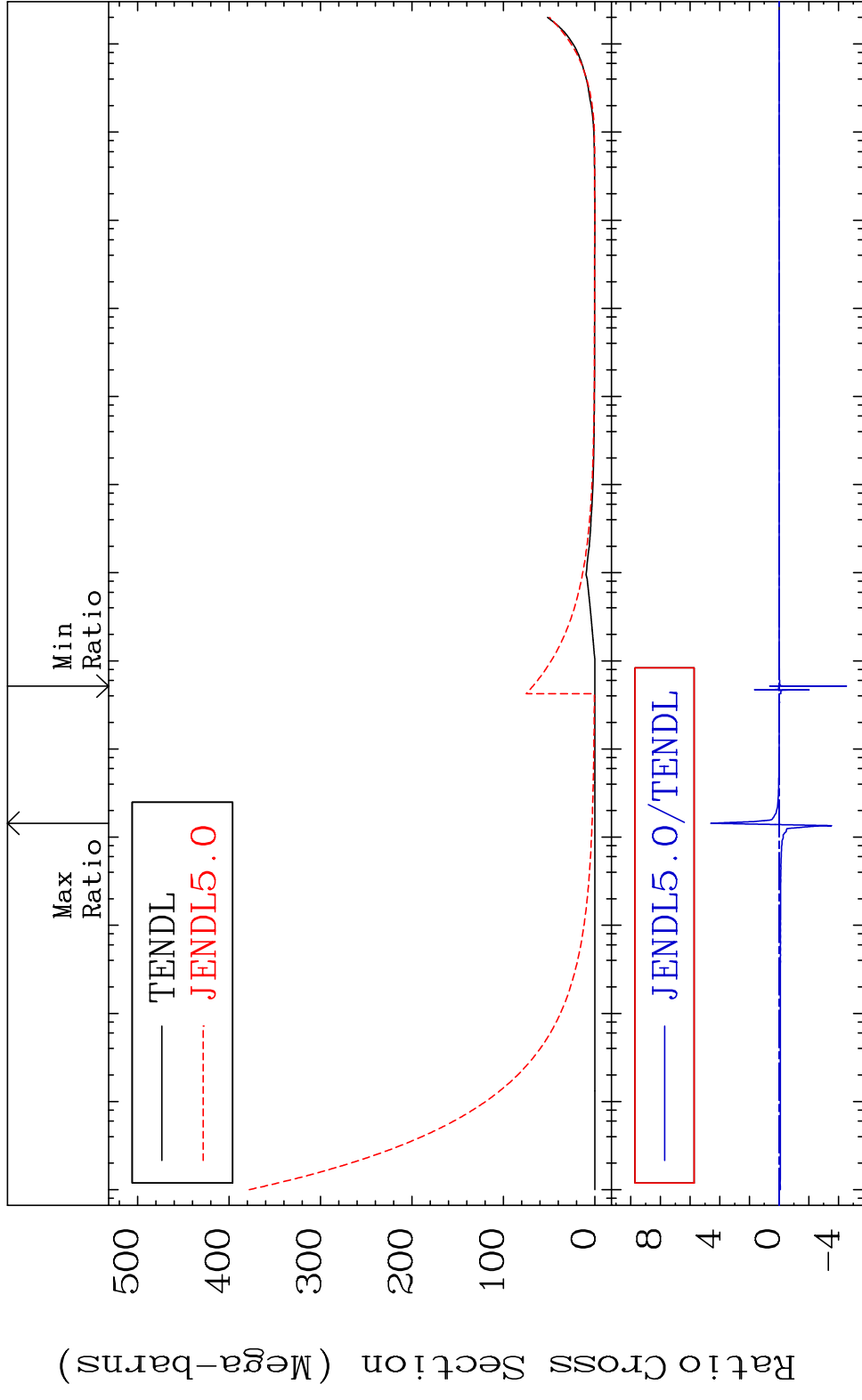
10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10¹
10⁰
10⁻¹
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

57

Incident Energy (eV)

33-As-74

MAT 3322 Kerma total (eV-barns) 33-As-74
 Cross Section -9999. To 9999. %

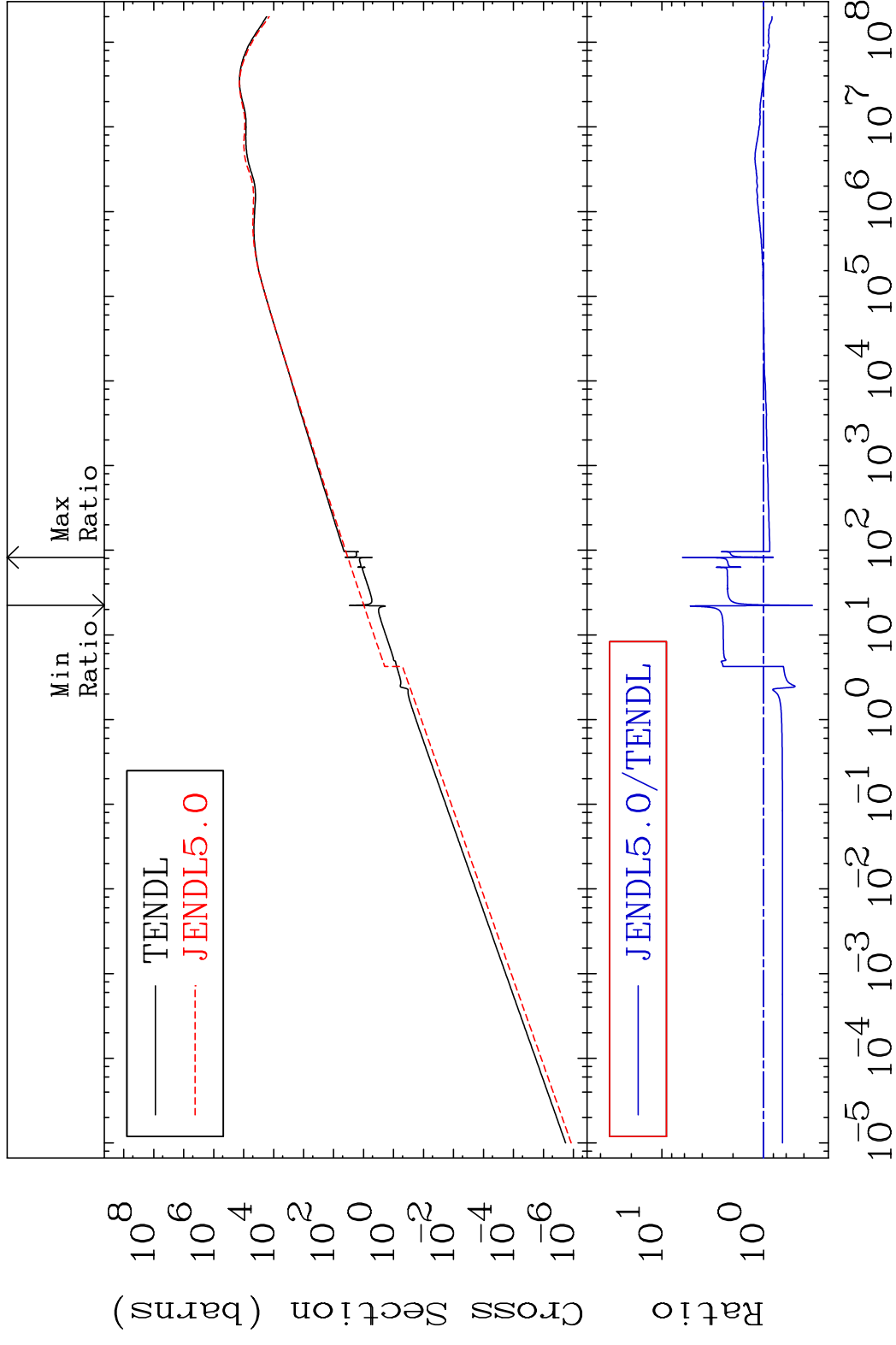


MAT 3322

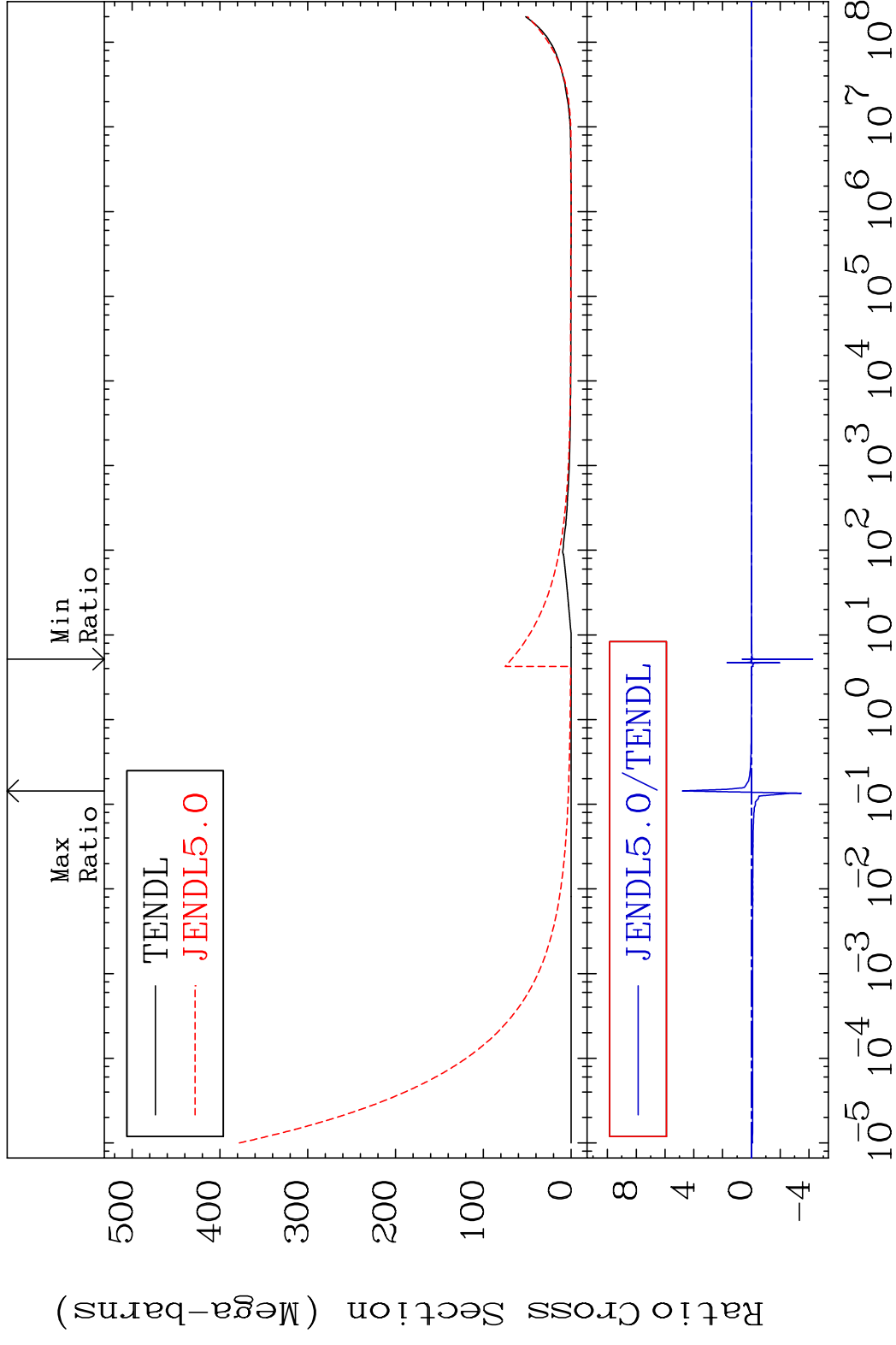
Kerma elastic

33-As-74

Cross Section -67.06 To 528.4 %

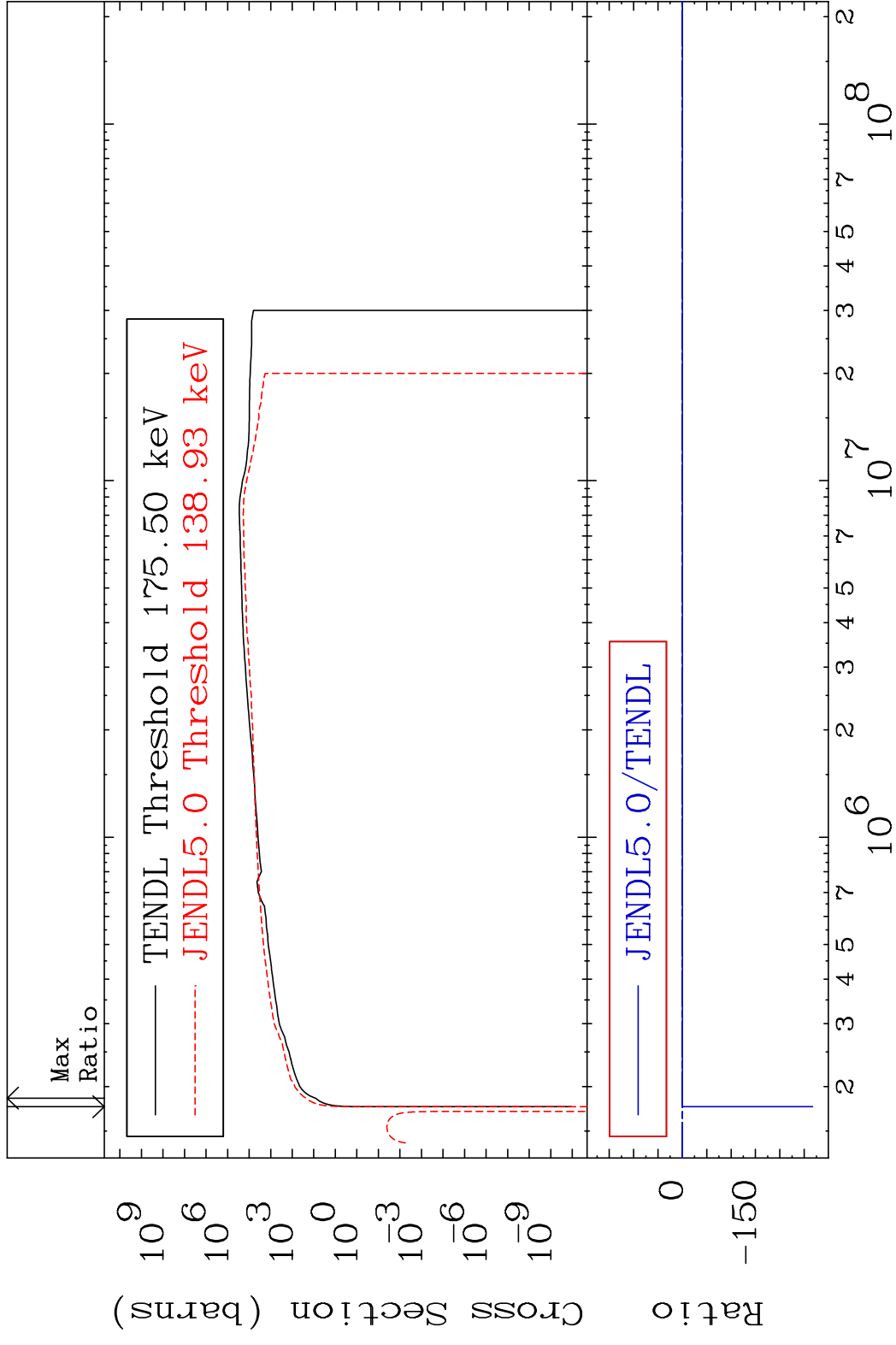


MAT 3322 Kerma non-elastic (all but mt2) 33-As-74
 Cross Section -9999. To 9999. %

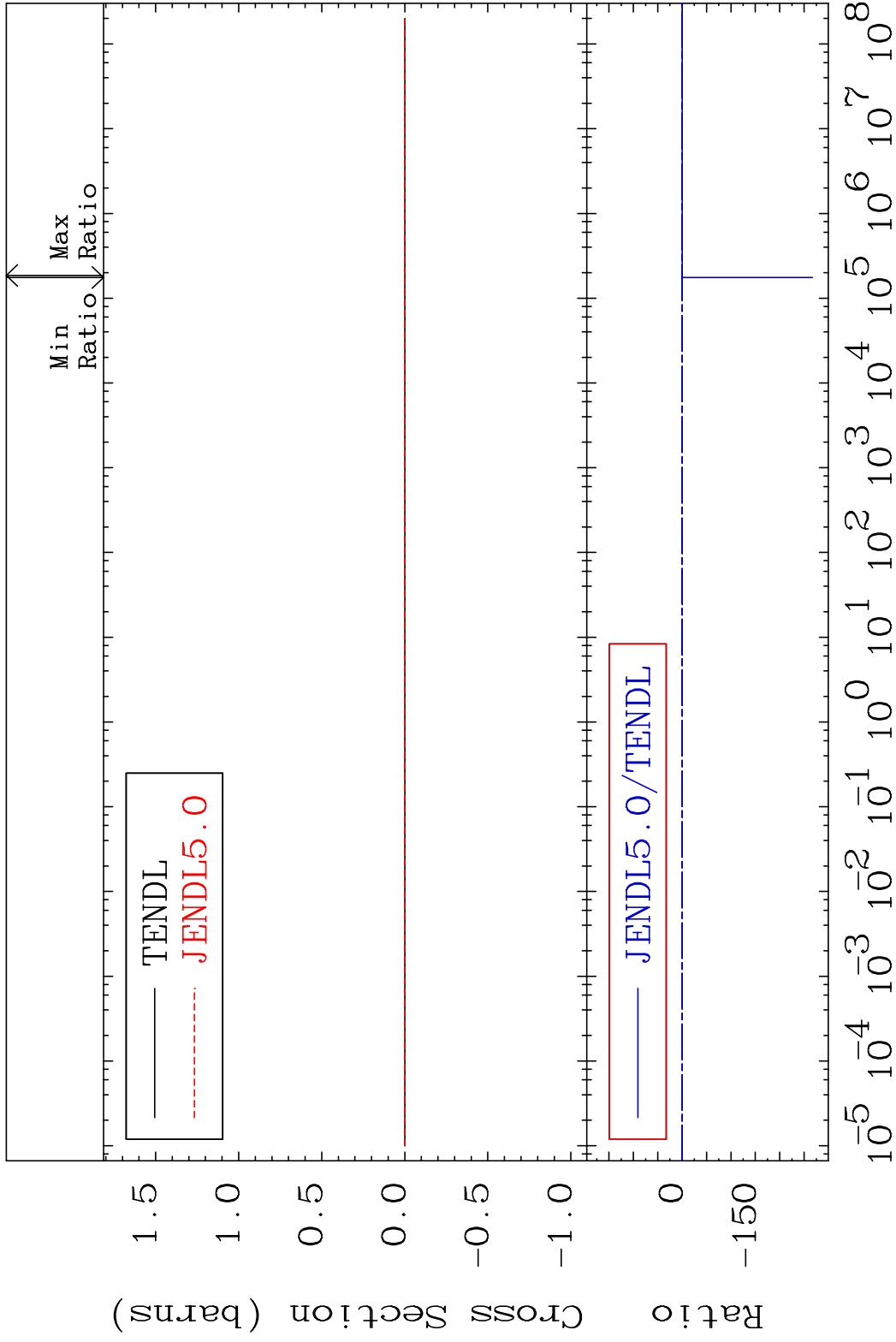


60 Incident Energy (eV) 33-As-74

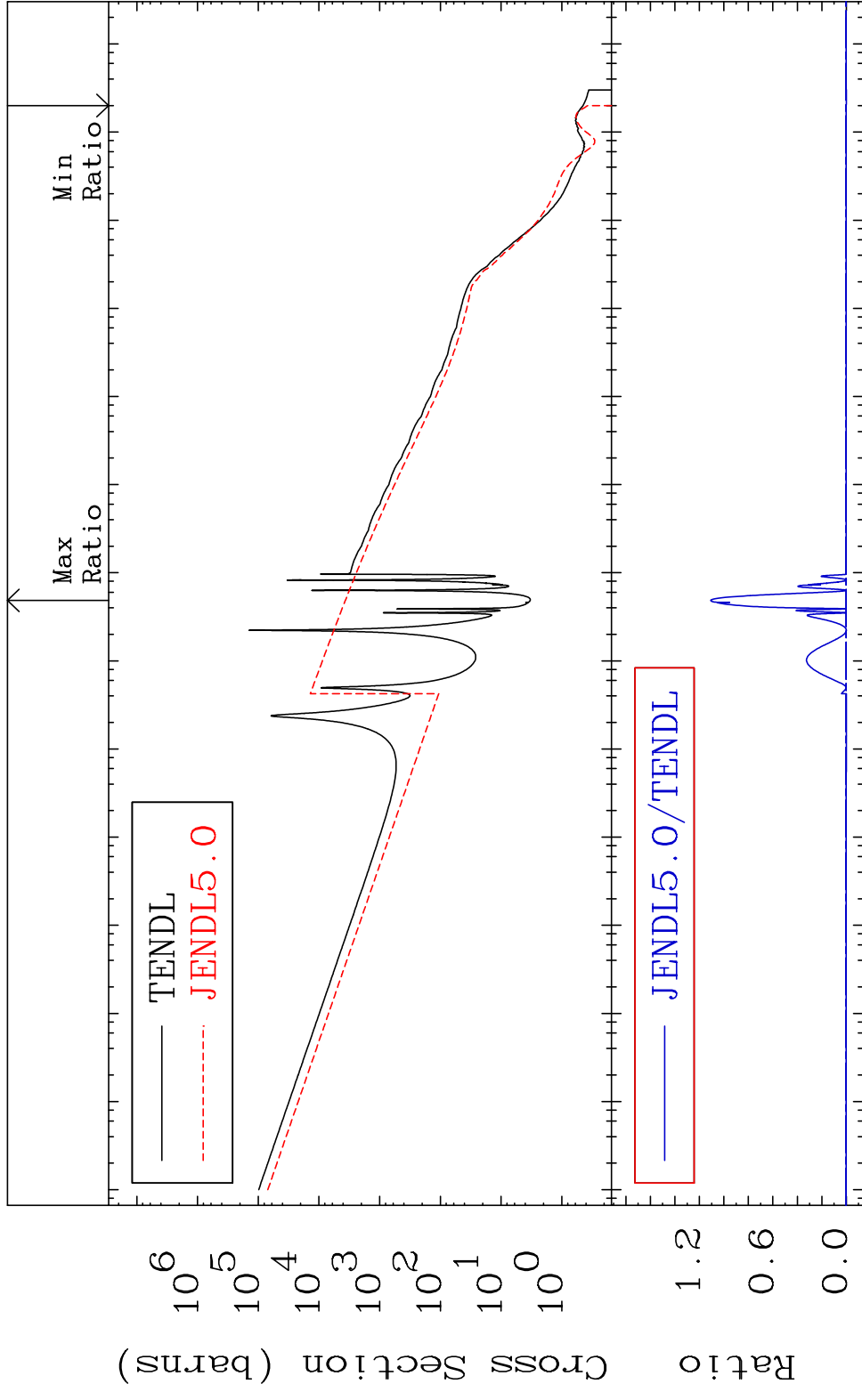
MAT 3322 Kerma inelastic (mt51-91) 33-As-74
 Cross Section -9999. To 177.7 %



MAT 3322 Kerma fission (mt18 or mt19-20-21-38) 33-As-74
 Cross Section -9999. To 177.7 %

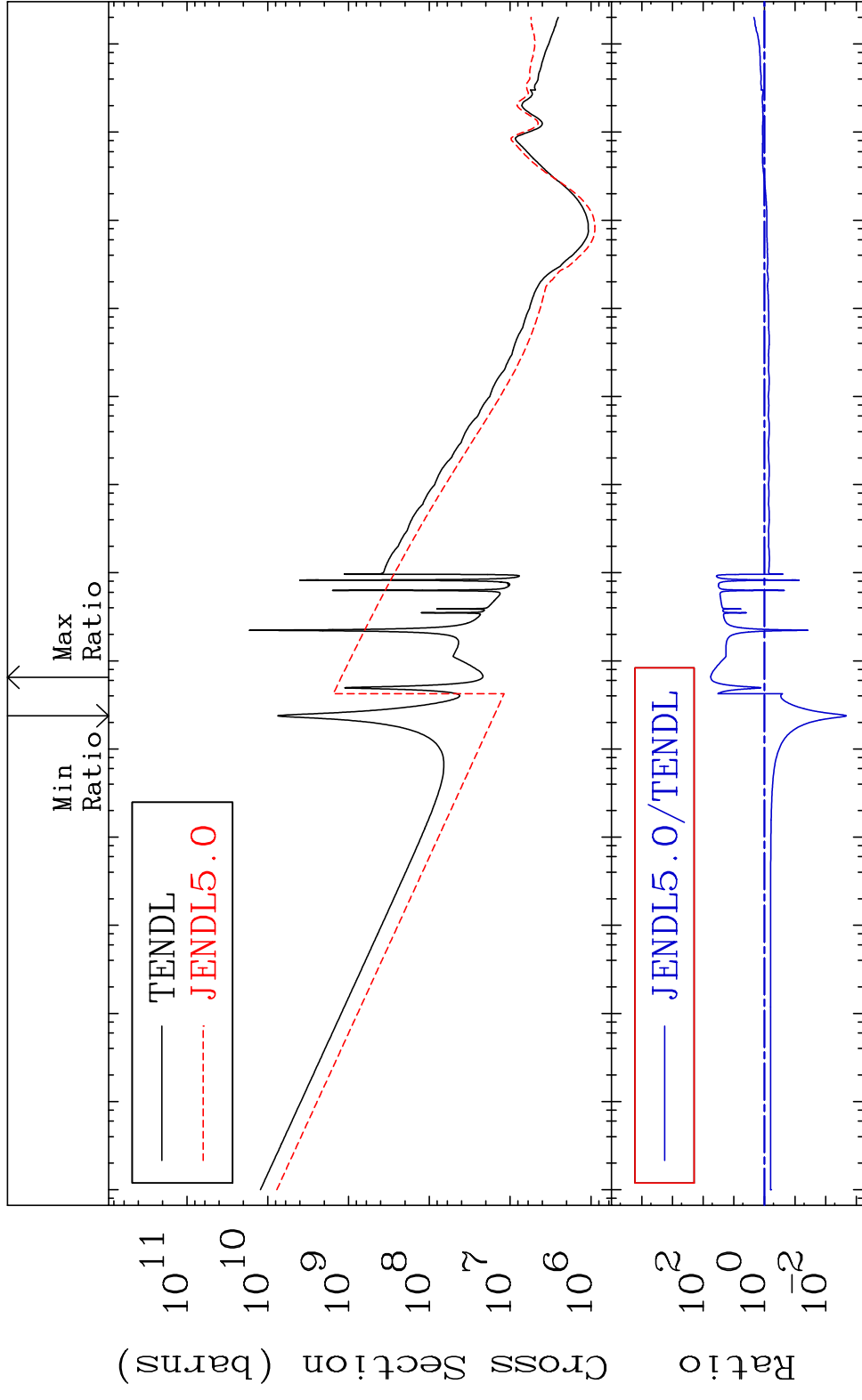


MAT 3322 Kerma capture (mt102) 33-As-74
 Cross Section -100.0 To 9999. %

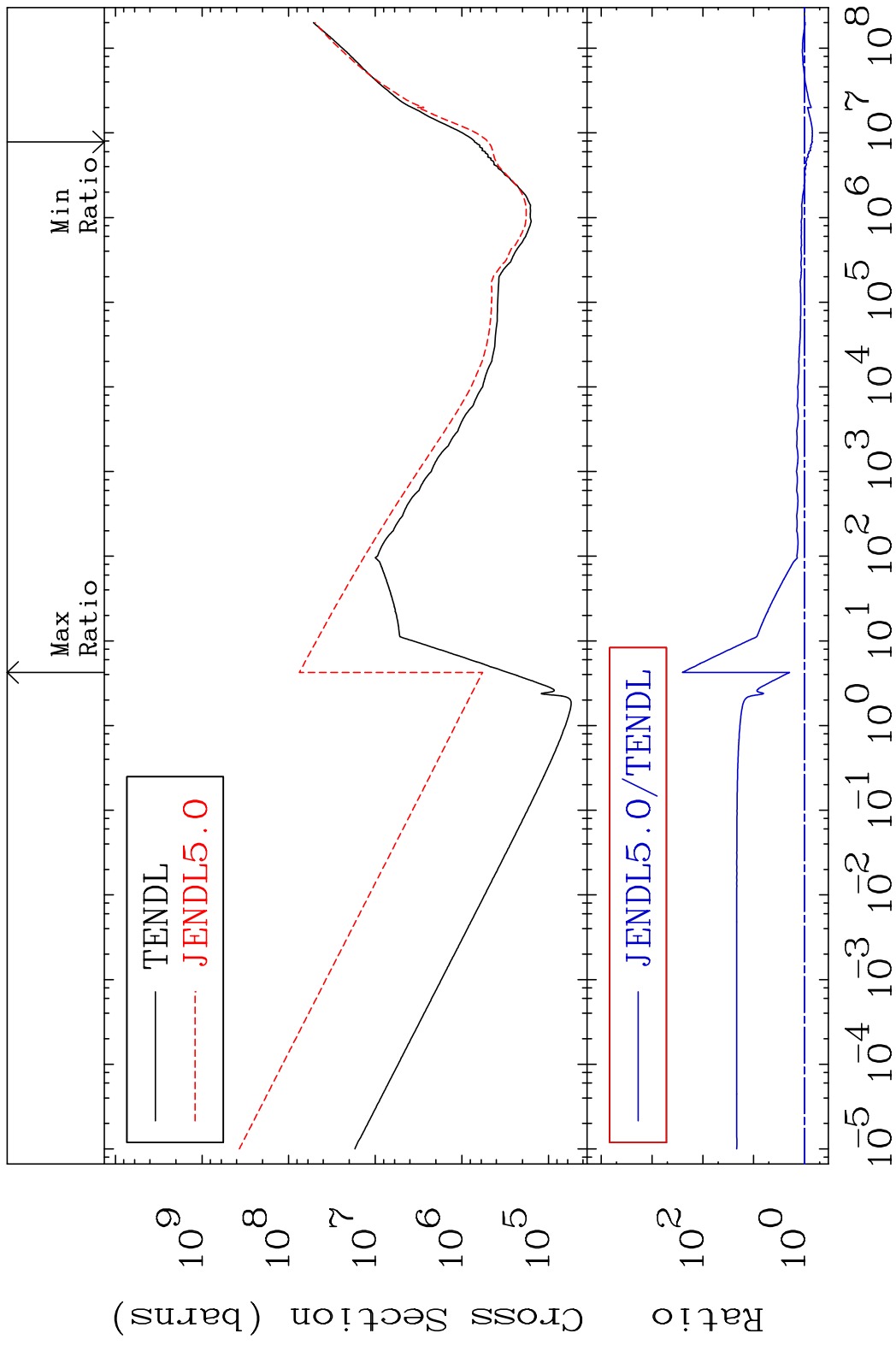


MAT 3322

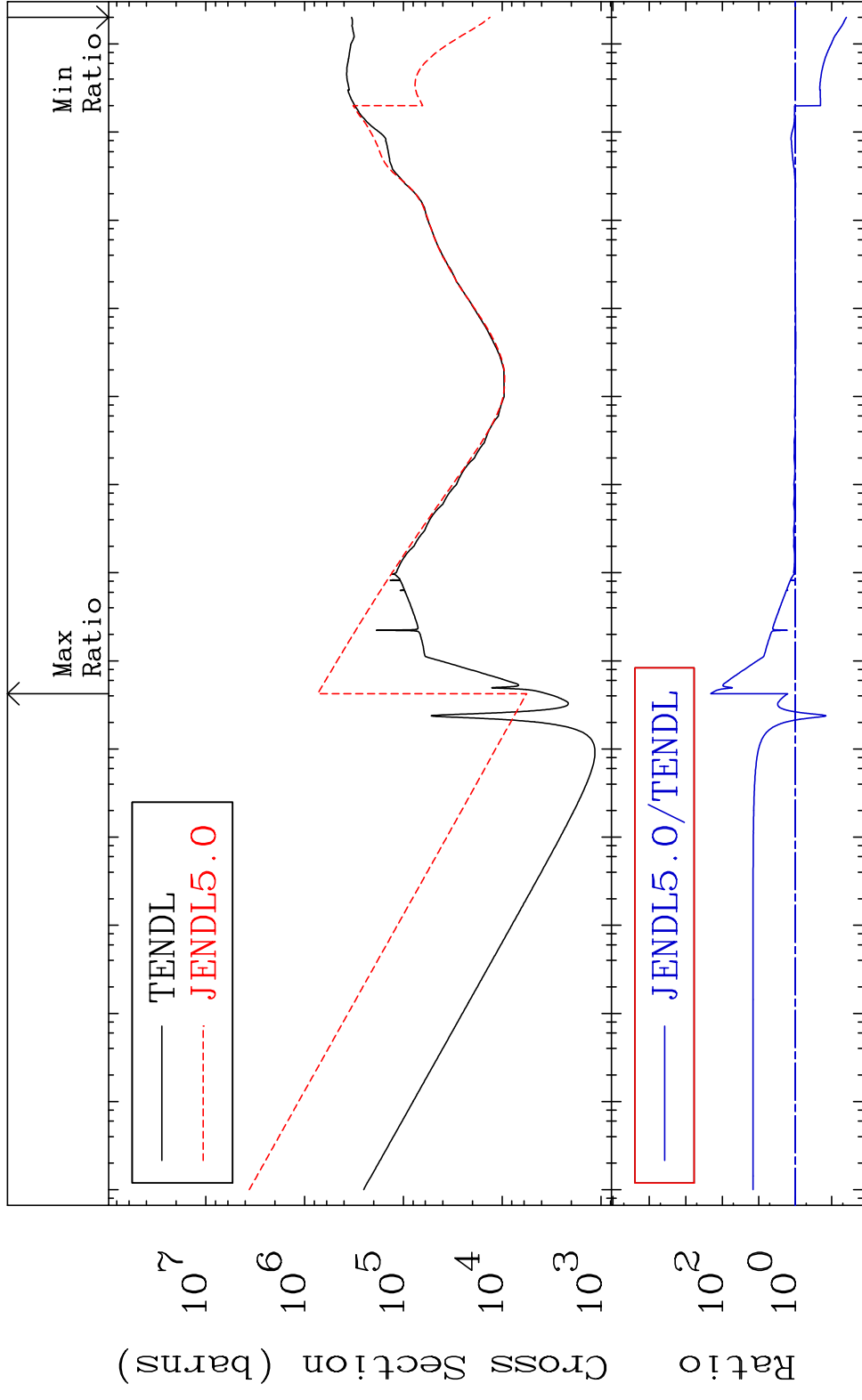
Total photon (eV-barns) 33-As-74
Cross Section -99.79 To 5528. %



MAT 3322 Total kinematic kerma (high limit) 33-As-74
 Cross Section -30.97 To 9999. %



MAT 3322 Dpa total (eV-barns) 33-As-74
 Cross Section -96.02 To 9999. %

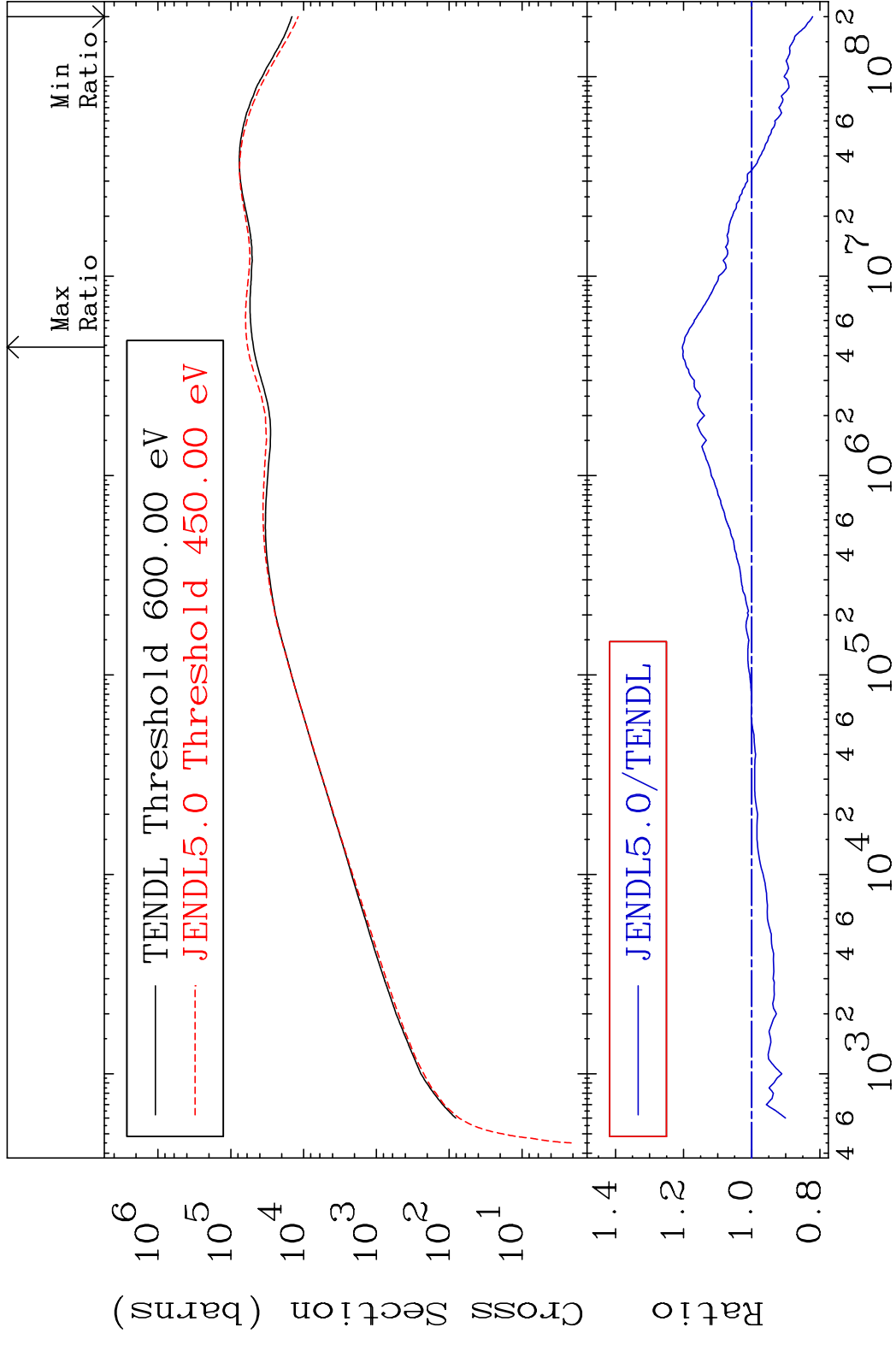


MAT 3322

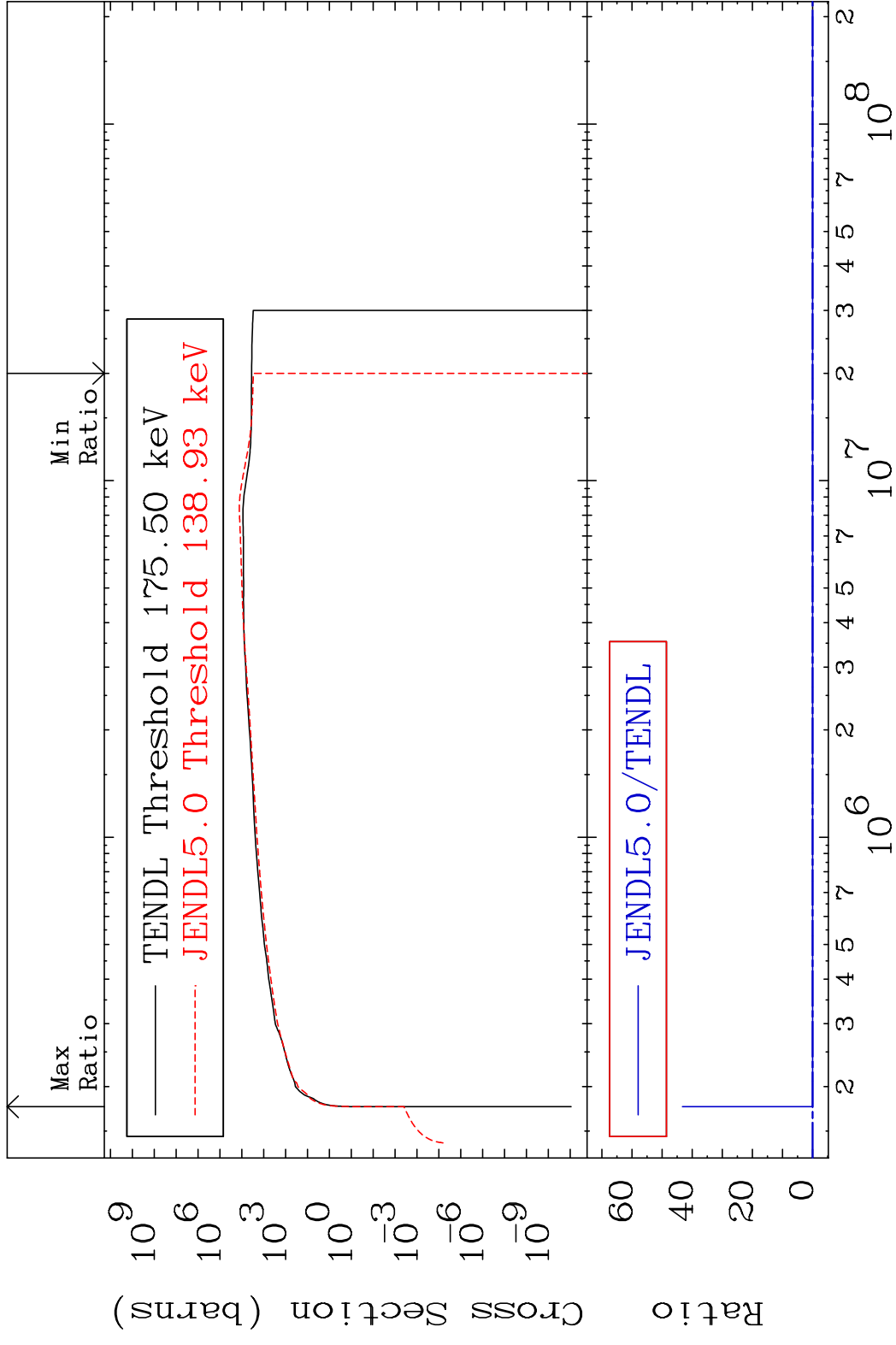
Dpa elastic (mt2)

33-As-74

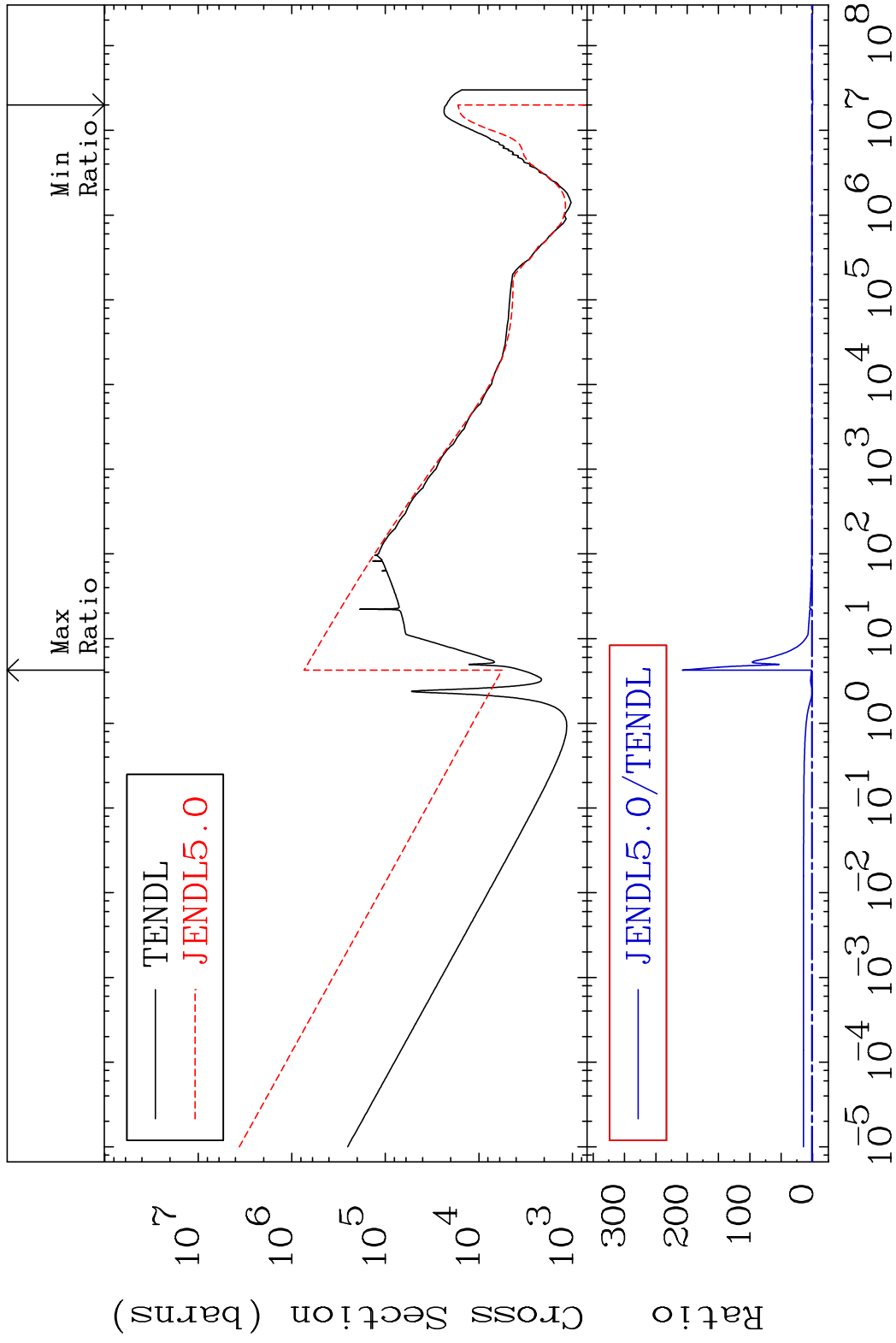
Cross Section -17.87 To 20.36 %

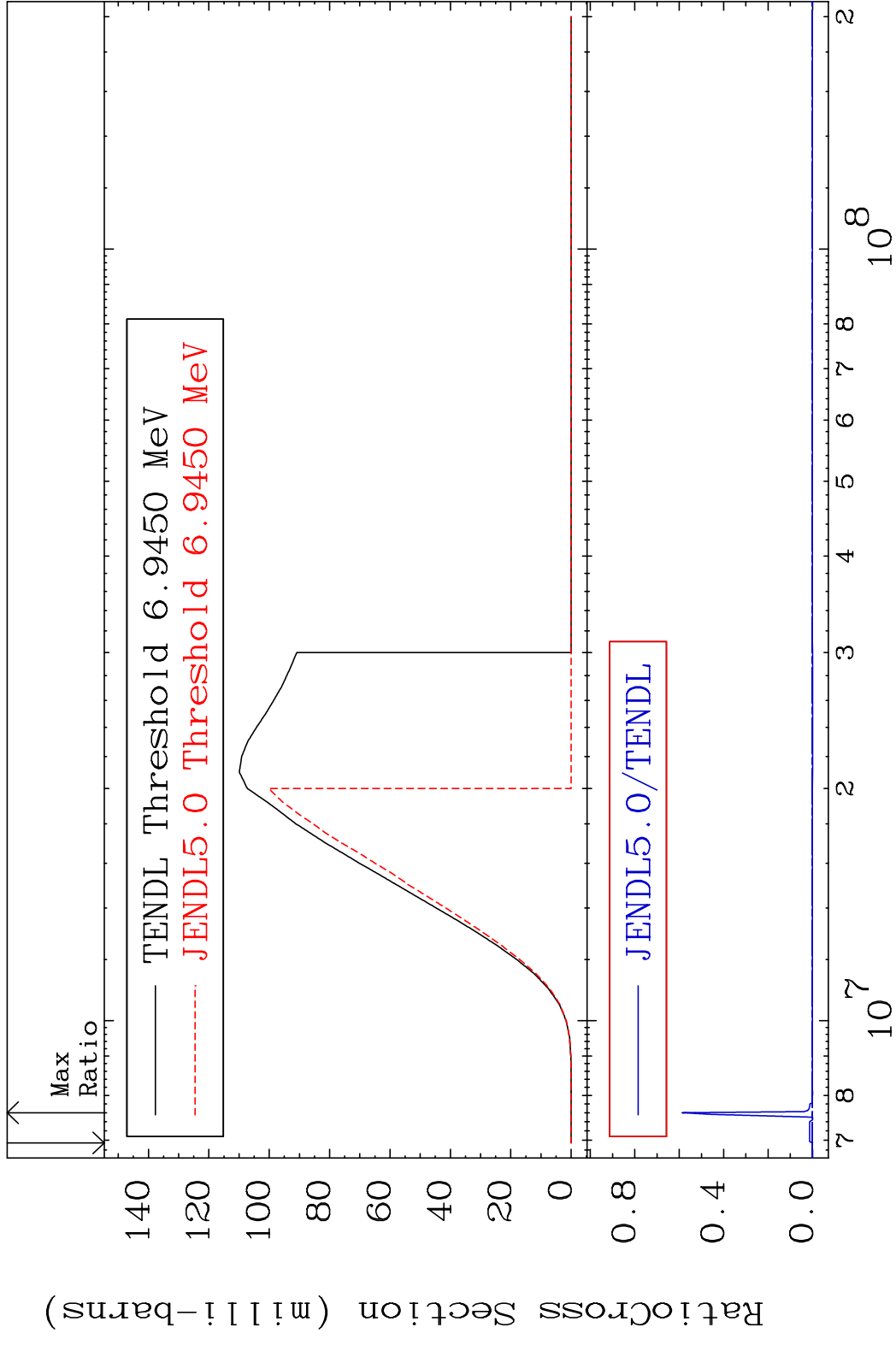


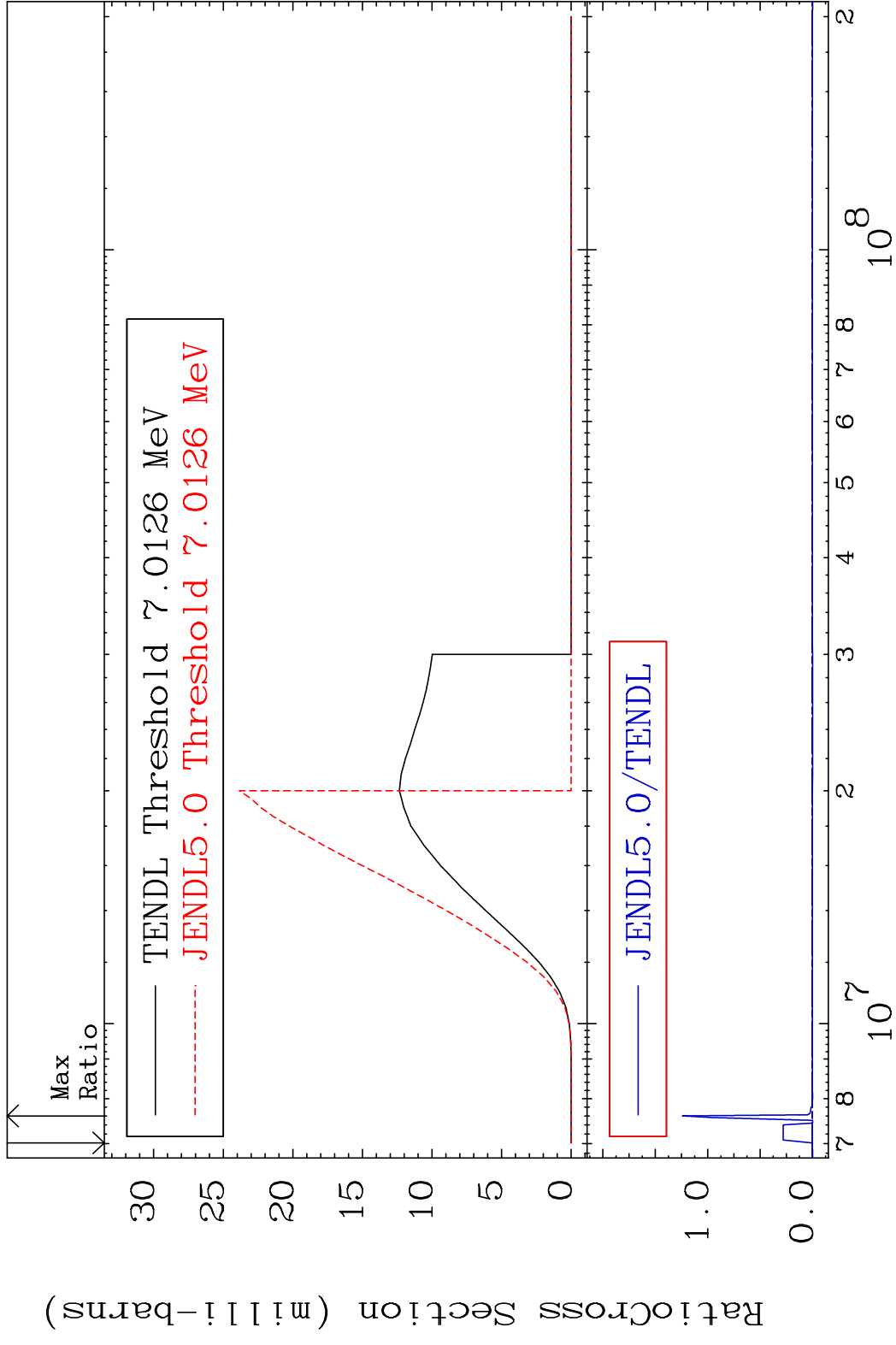
MAT 3322 Dpa inelastic (mt51-91) 33-As-74
 Cross Section -100.0 To 9999. %

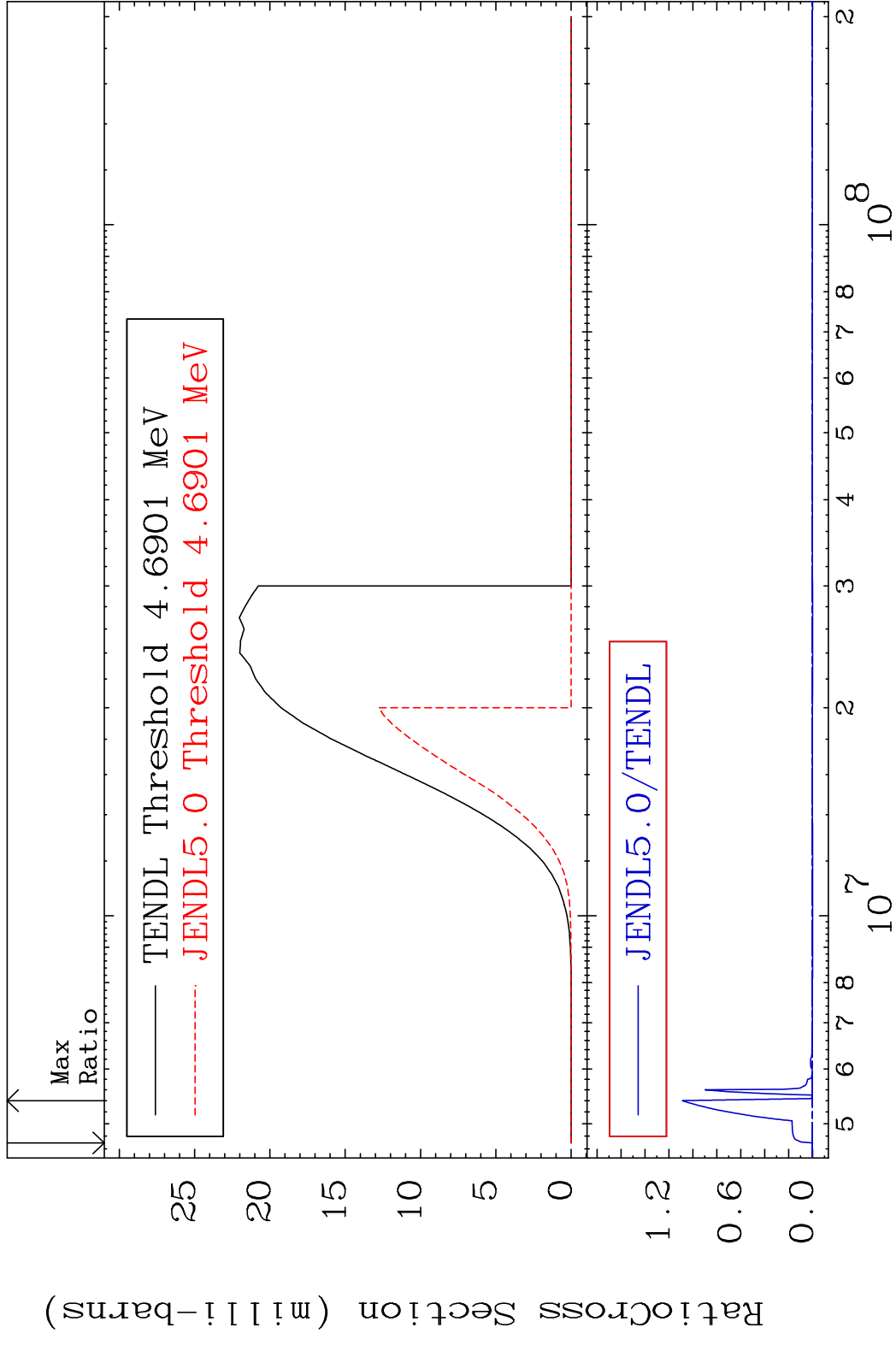


MAT 3322 Dpa disappearance (mt102 -120) 33-As-74
Cross Section -100.0 To 9999. %

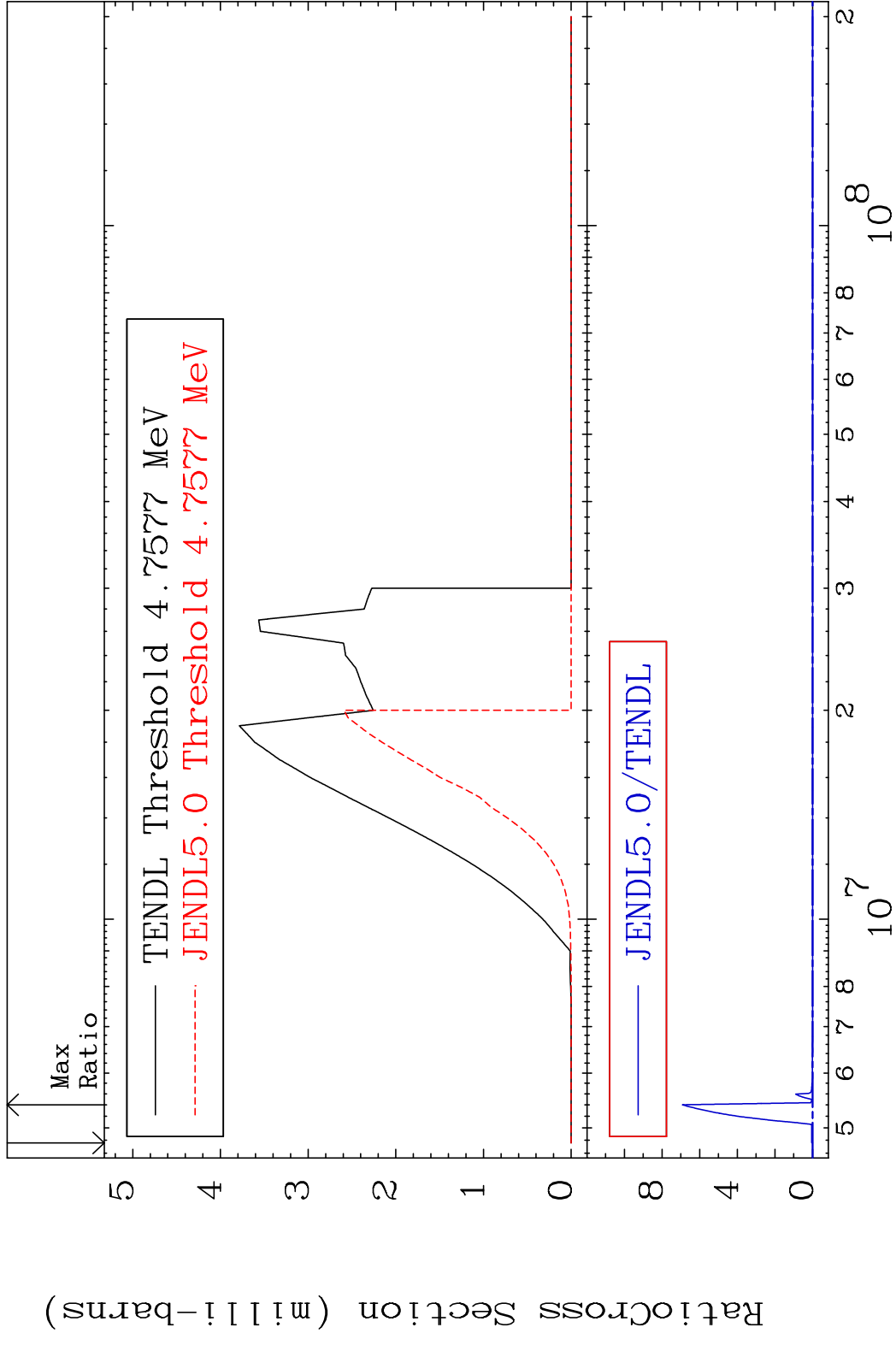








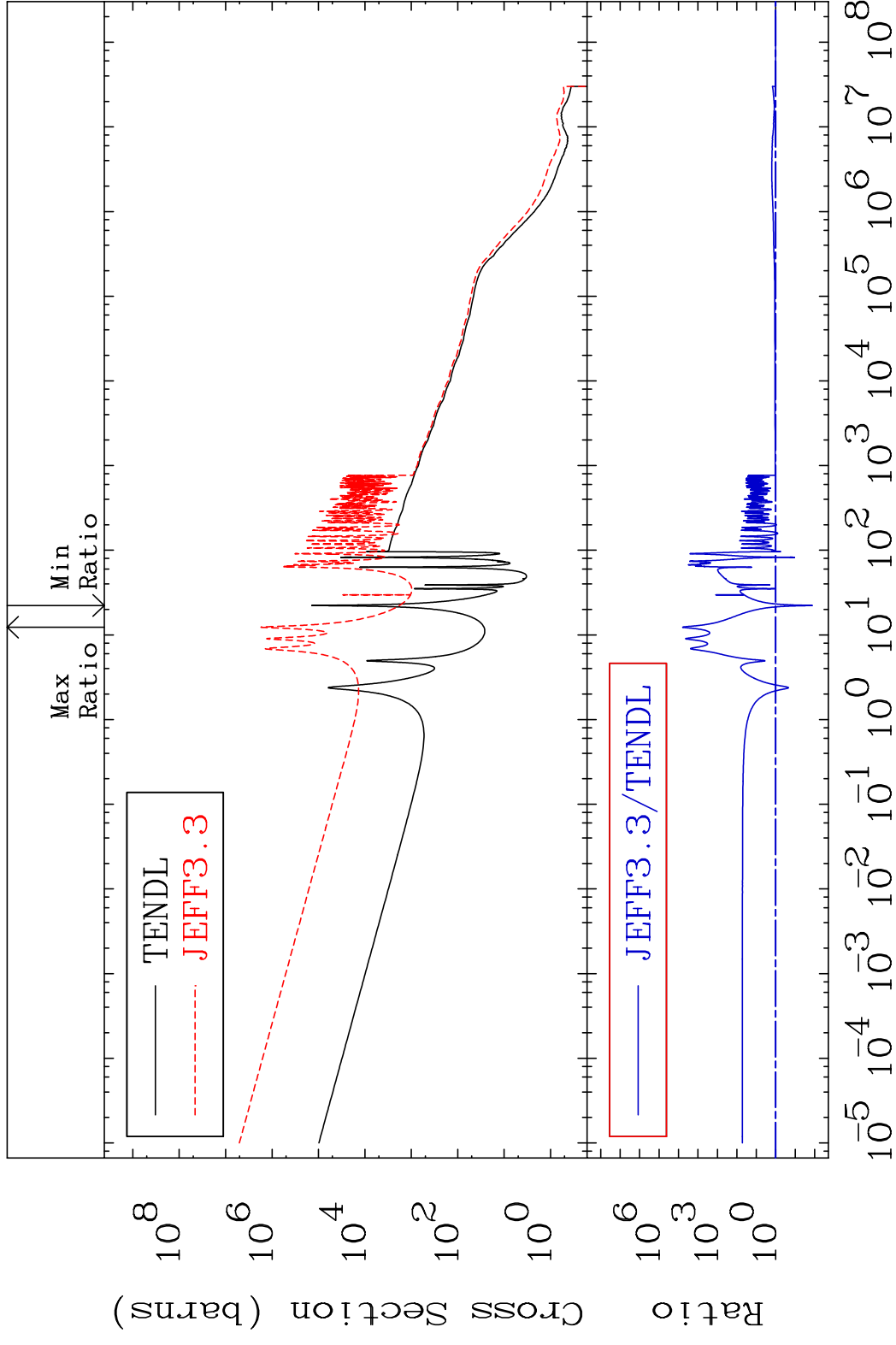
MAT 3322 (n,d):32-Ge-73m2 33-As-74
 Radionuclide Production Cross Section Ratio



MAT 3322

Kerma capture (mt102) 33-As-74

Cross Section -98.71 To 9999. %



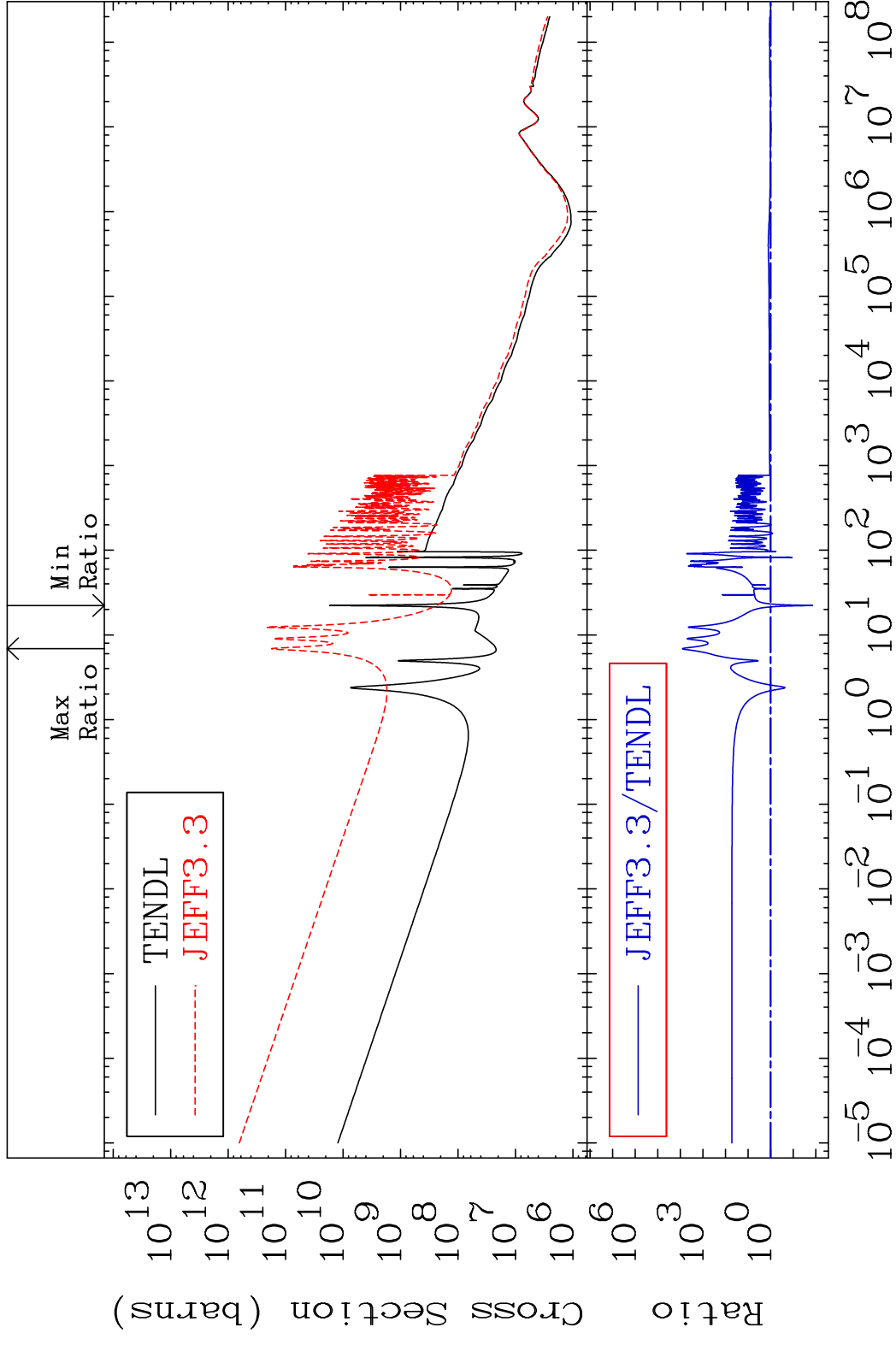
74

Incident Energy (eV)

33-As-74

MAT 3322

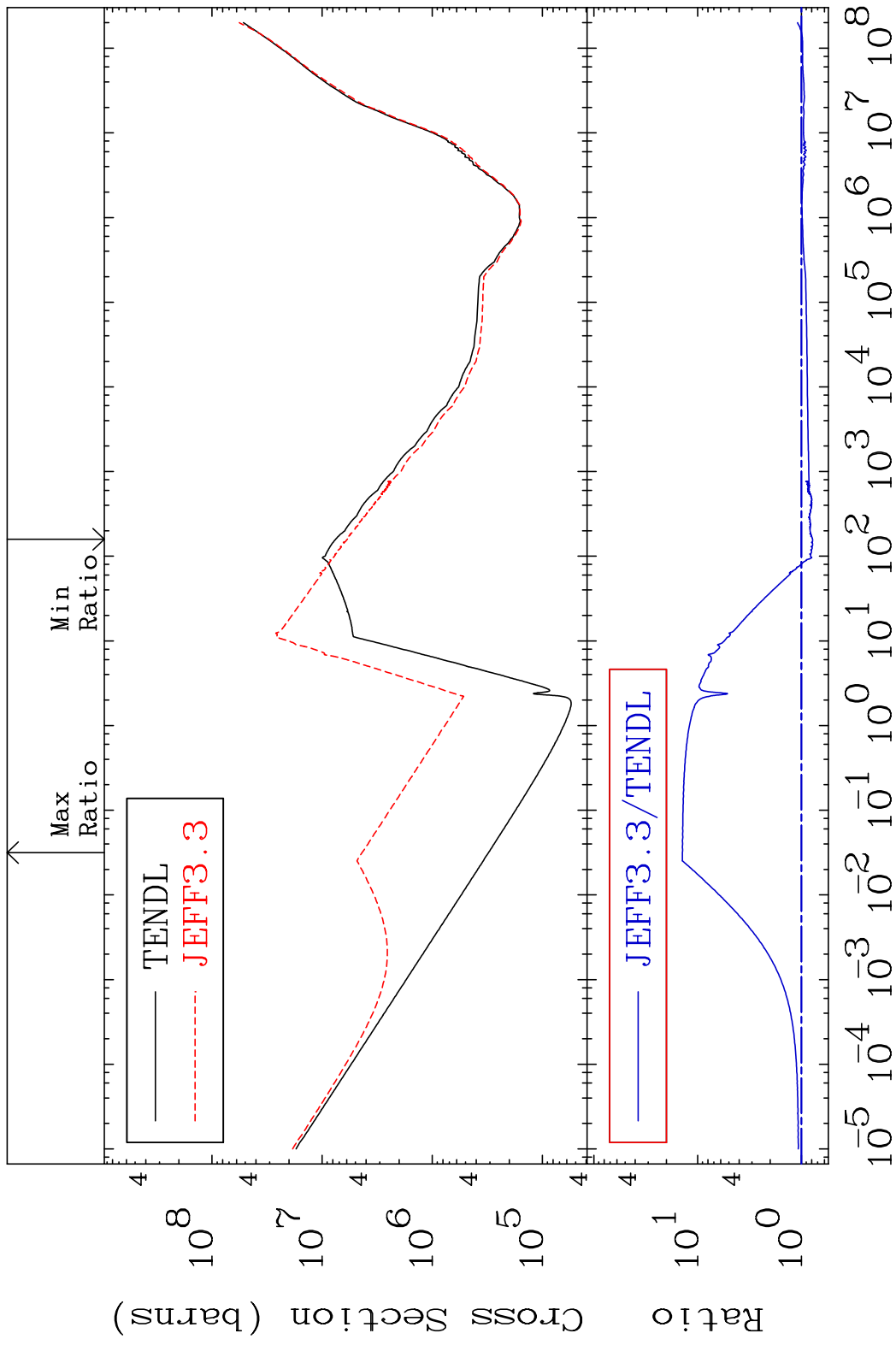
Total photon (eV-barns) 33-As-74
Cross Section -98.60 To 9999. %



75

Incident Energy (eV) 33-As-74

MAT 3322 Total kinematic kerma (high limit) 33-As-74
 Cross Section -21.69 To 1308. %

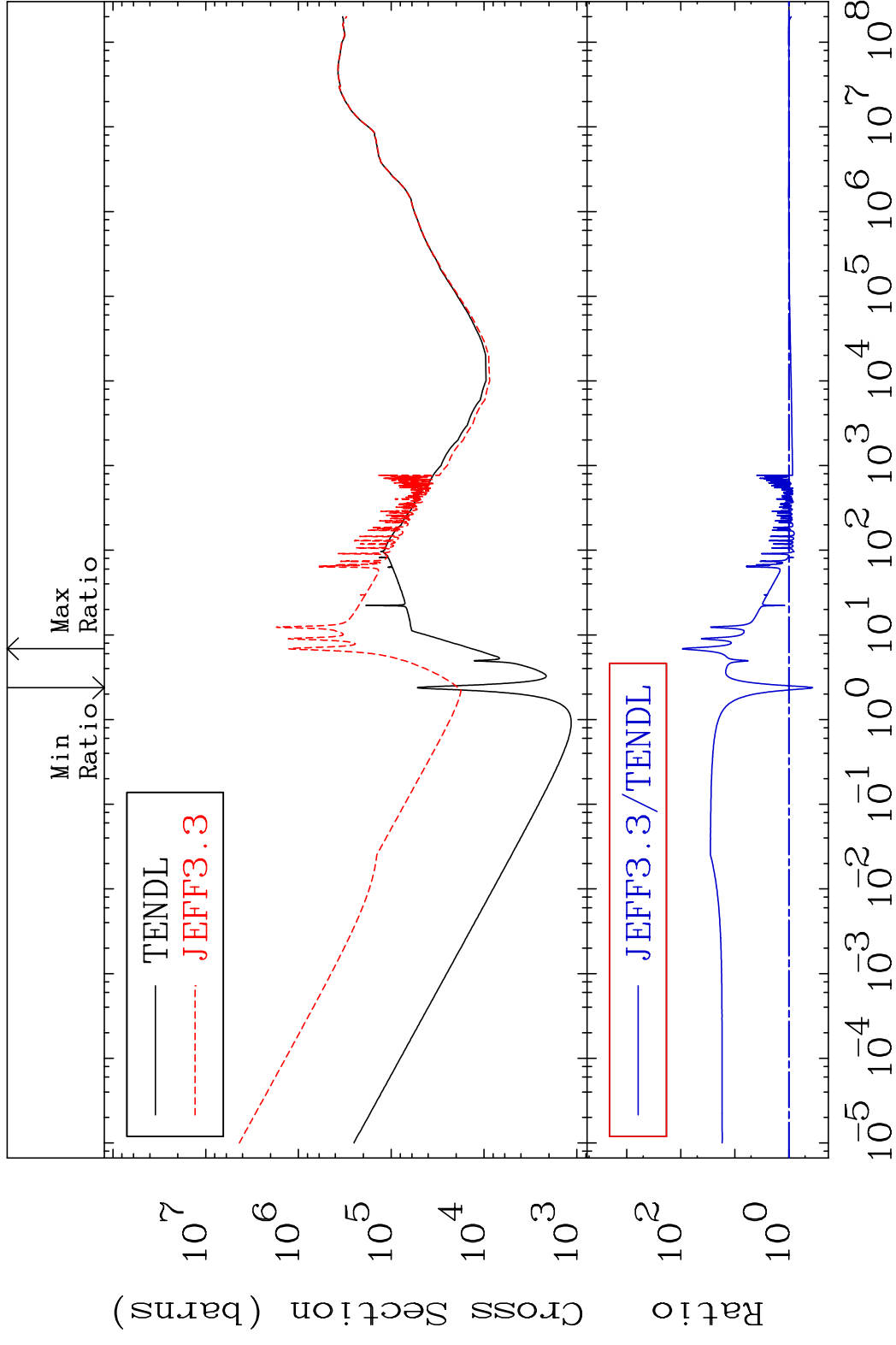


MAT 3322

Dpa total (eV-barns)

33-As-74

Cross Section -63.59 To 9279. %



77

Incident Energy (eV)

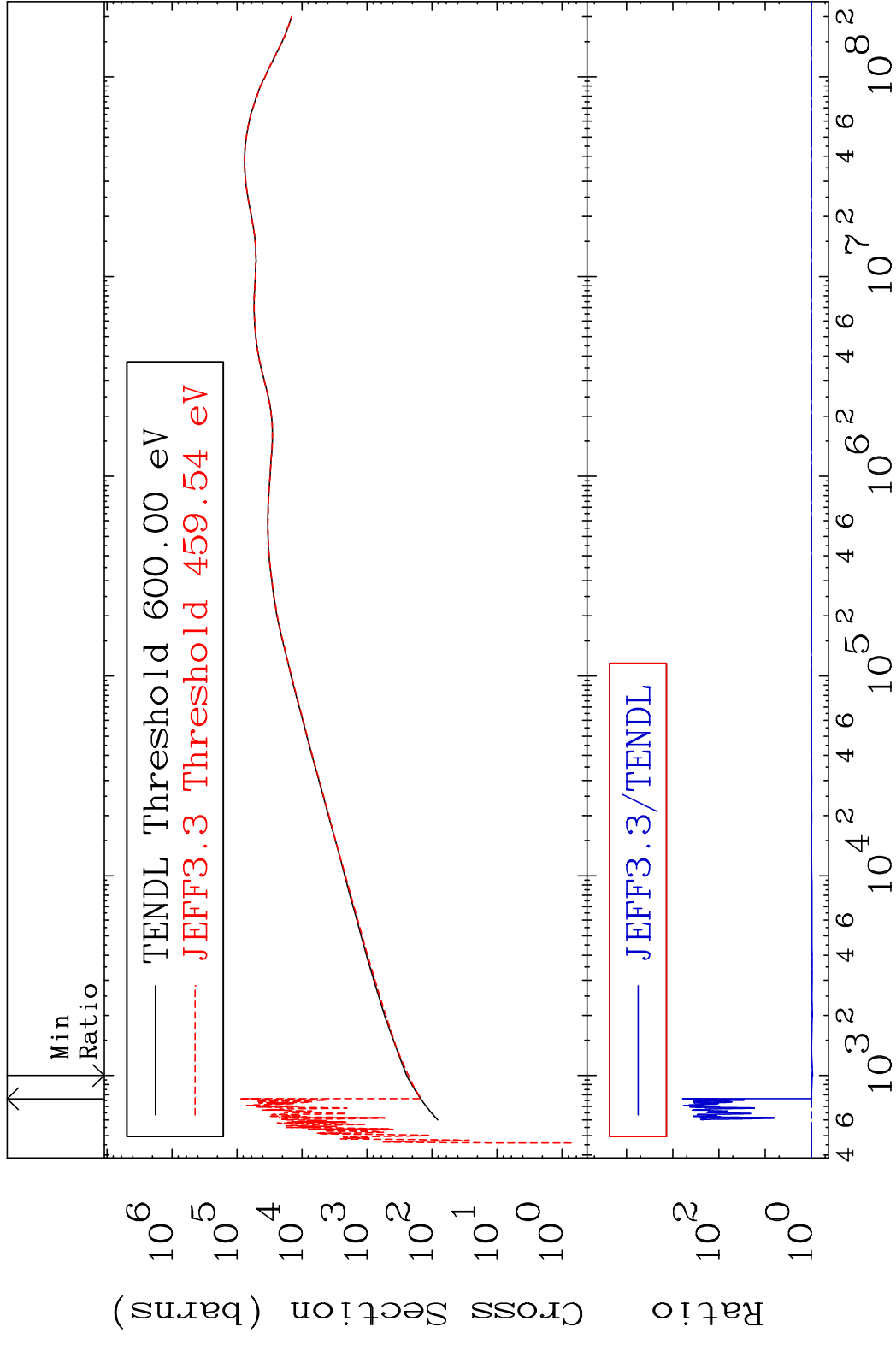
33-As-74

MAT 3322

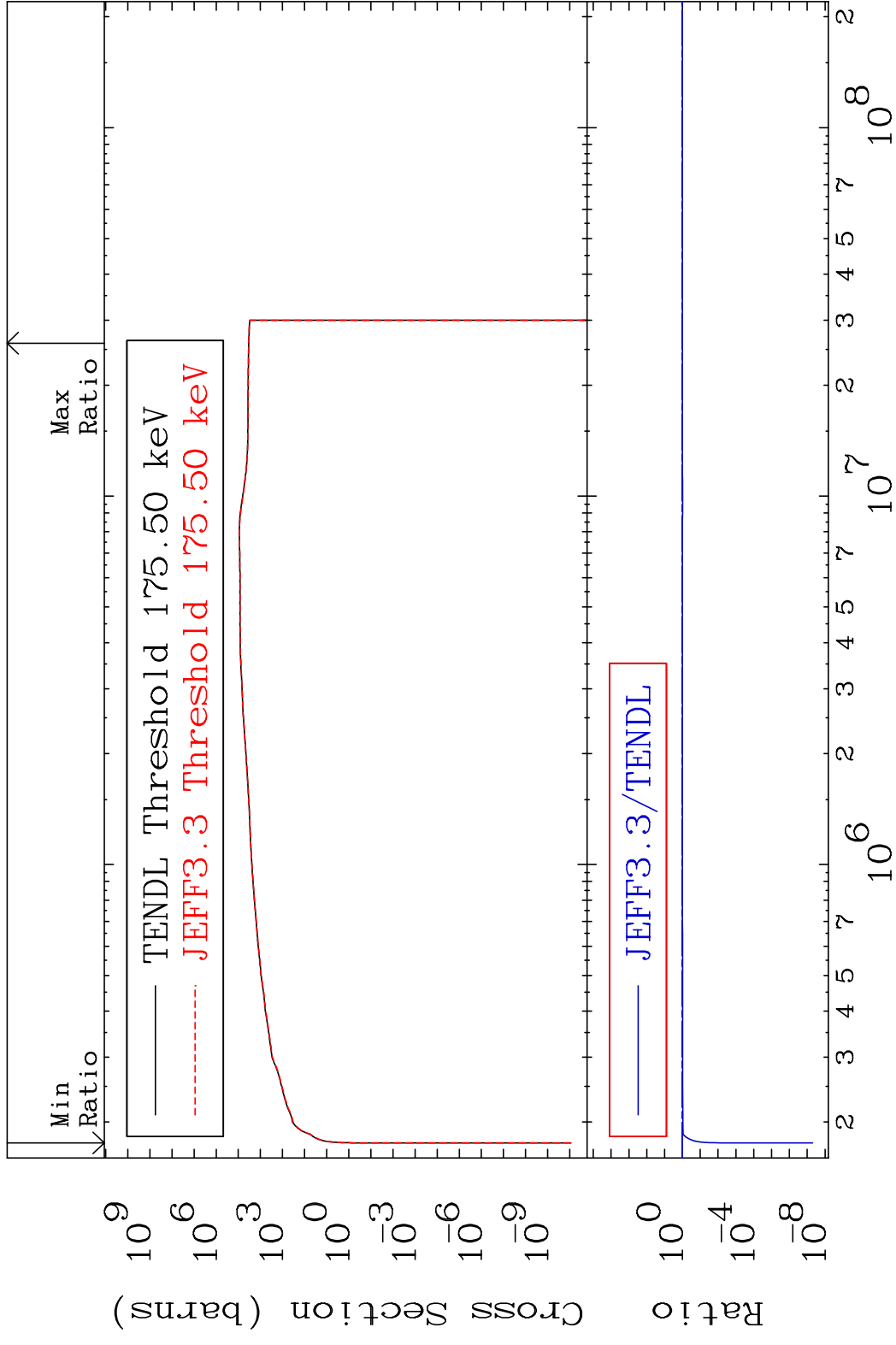
Dpa elastic (mt2)

33-As-74

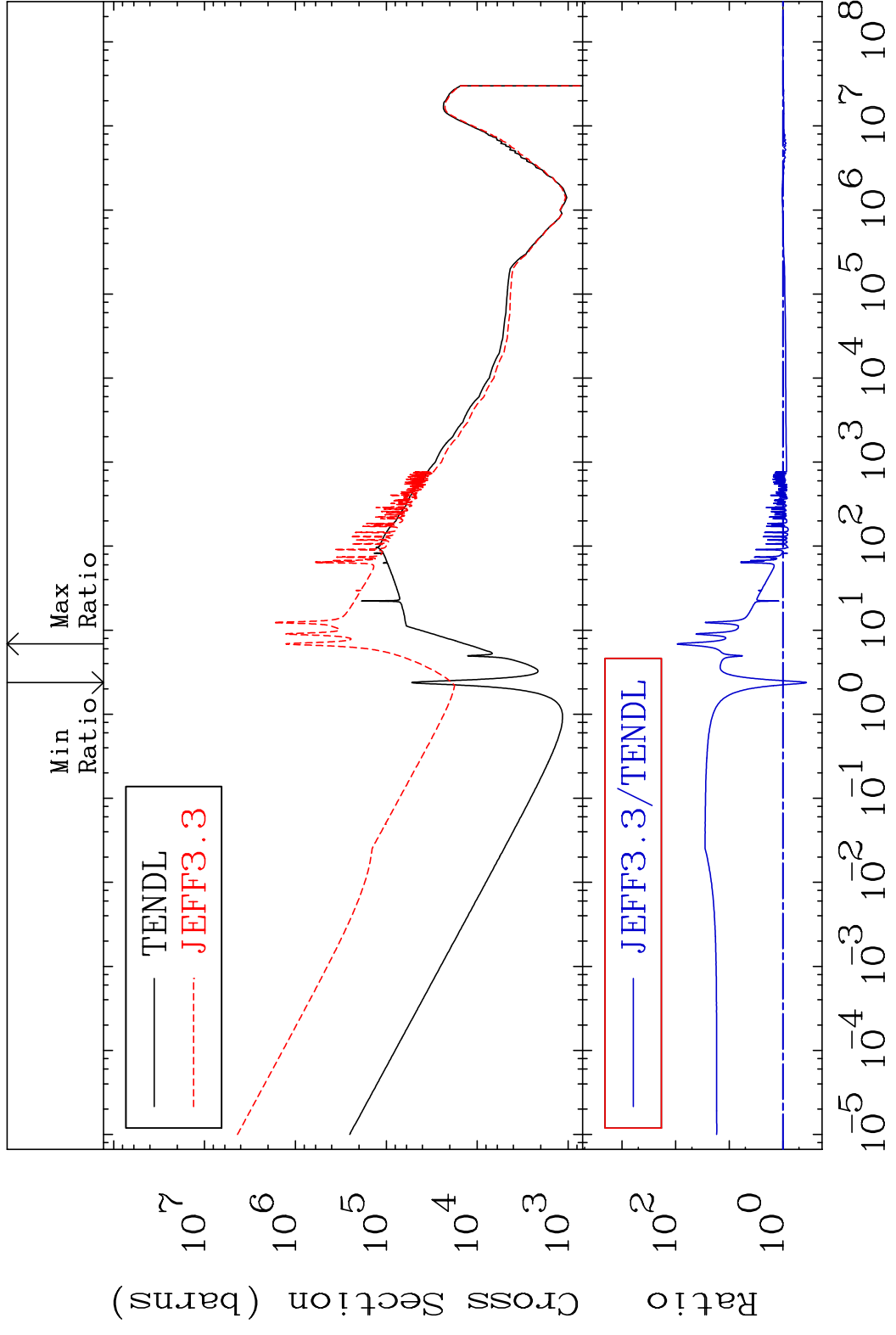
Cross Section -6.226 To 9999. %

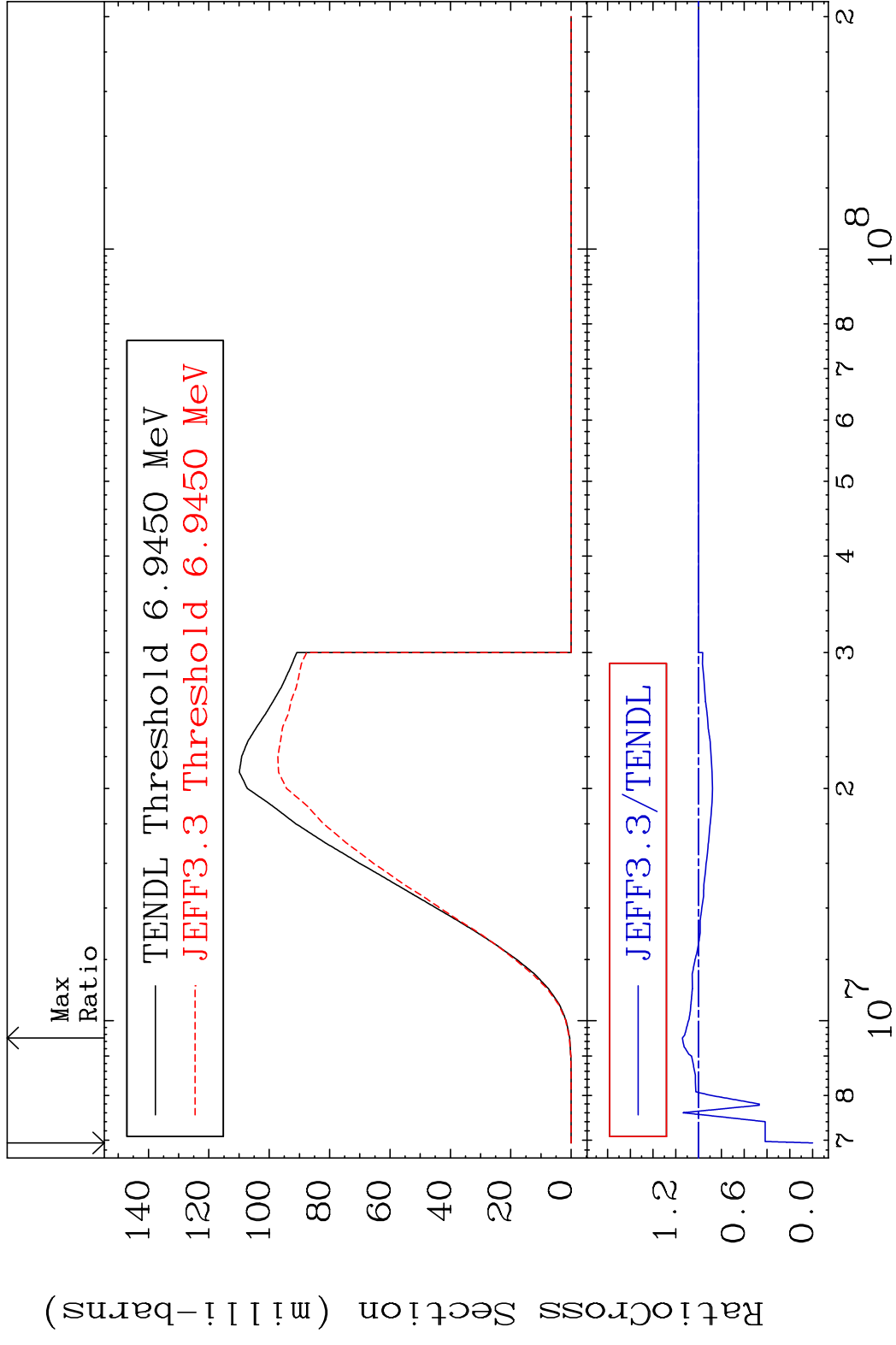


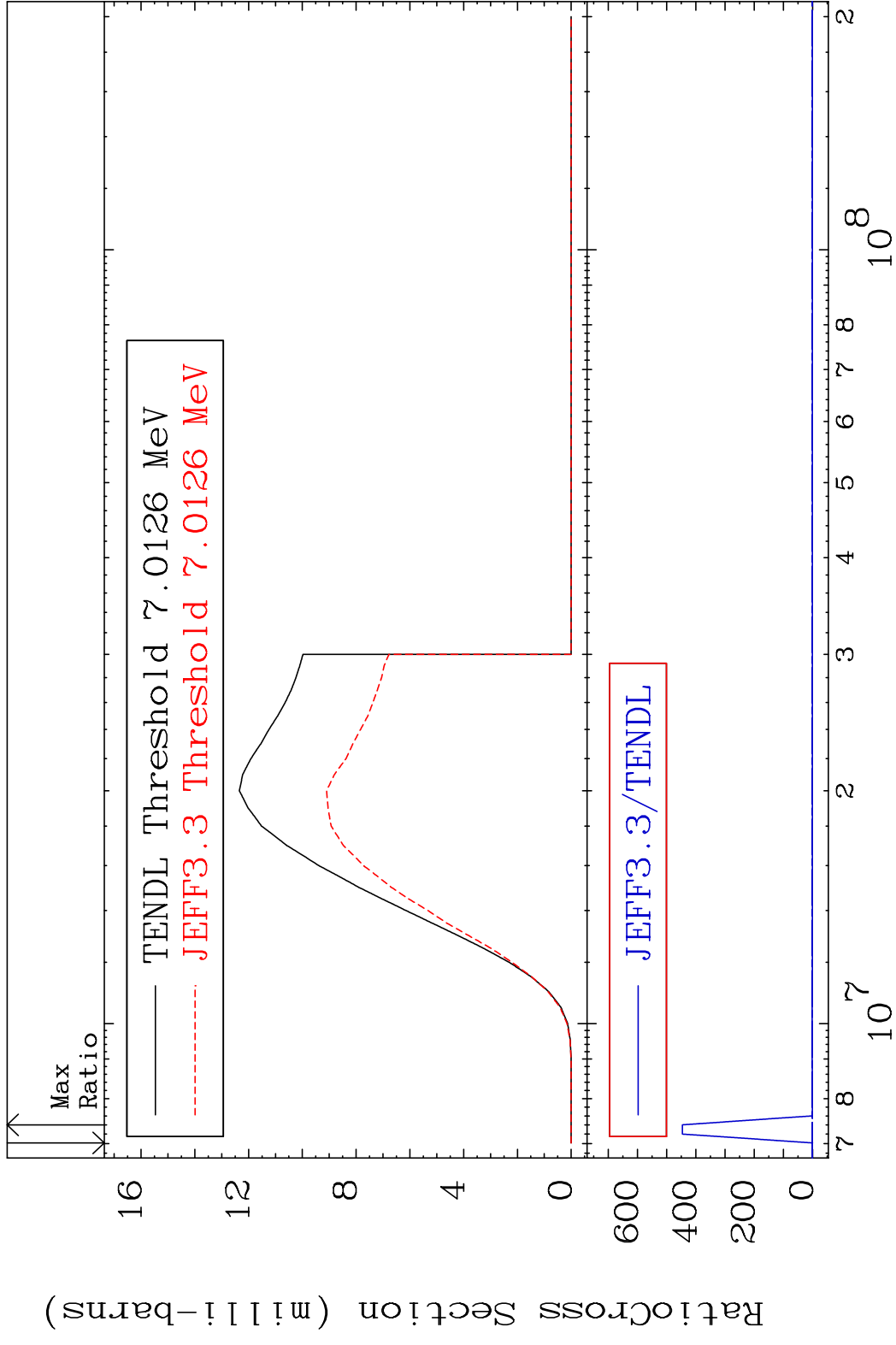
Cross Section -100.0 To 0.691 %

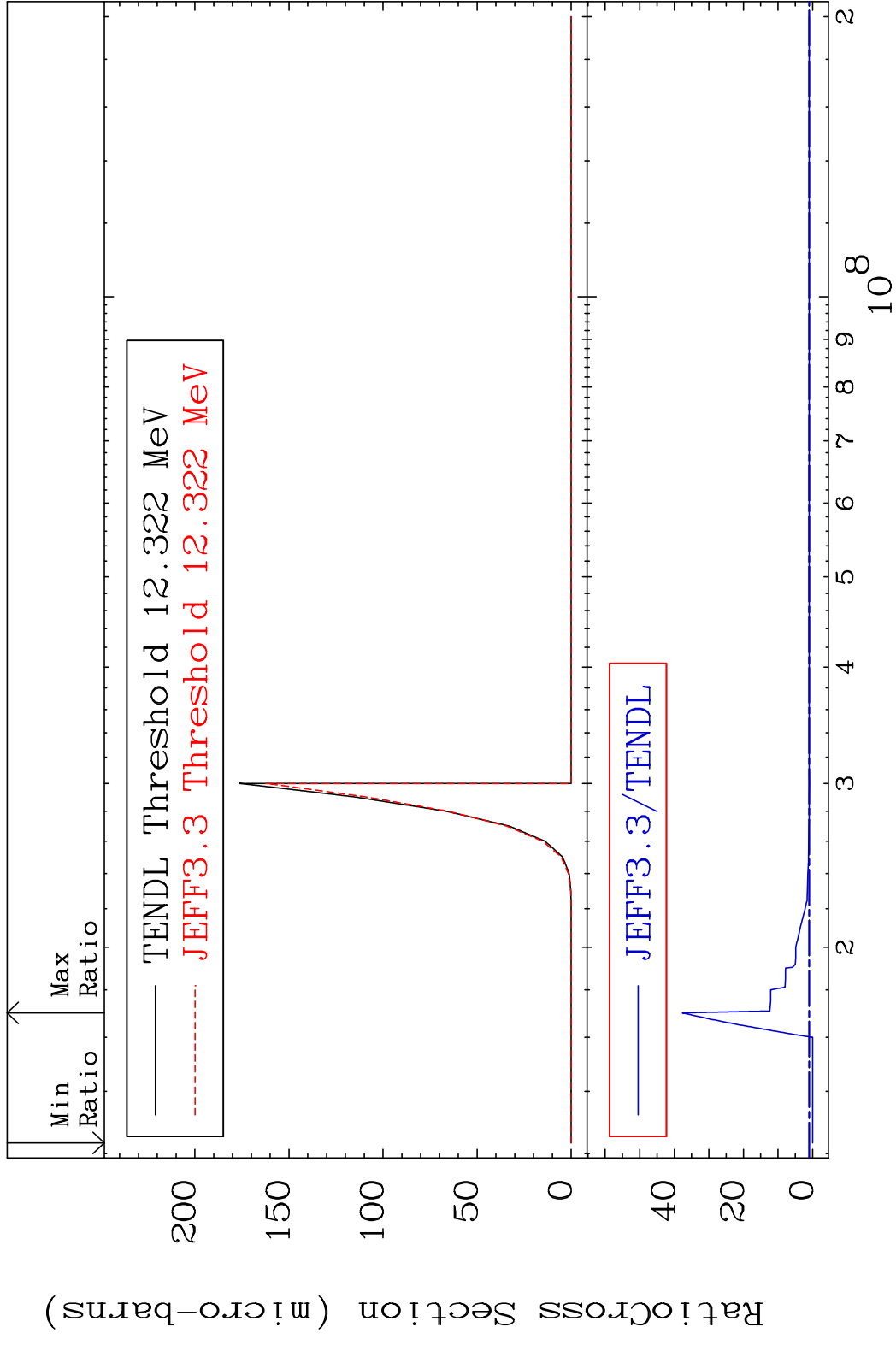


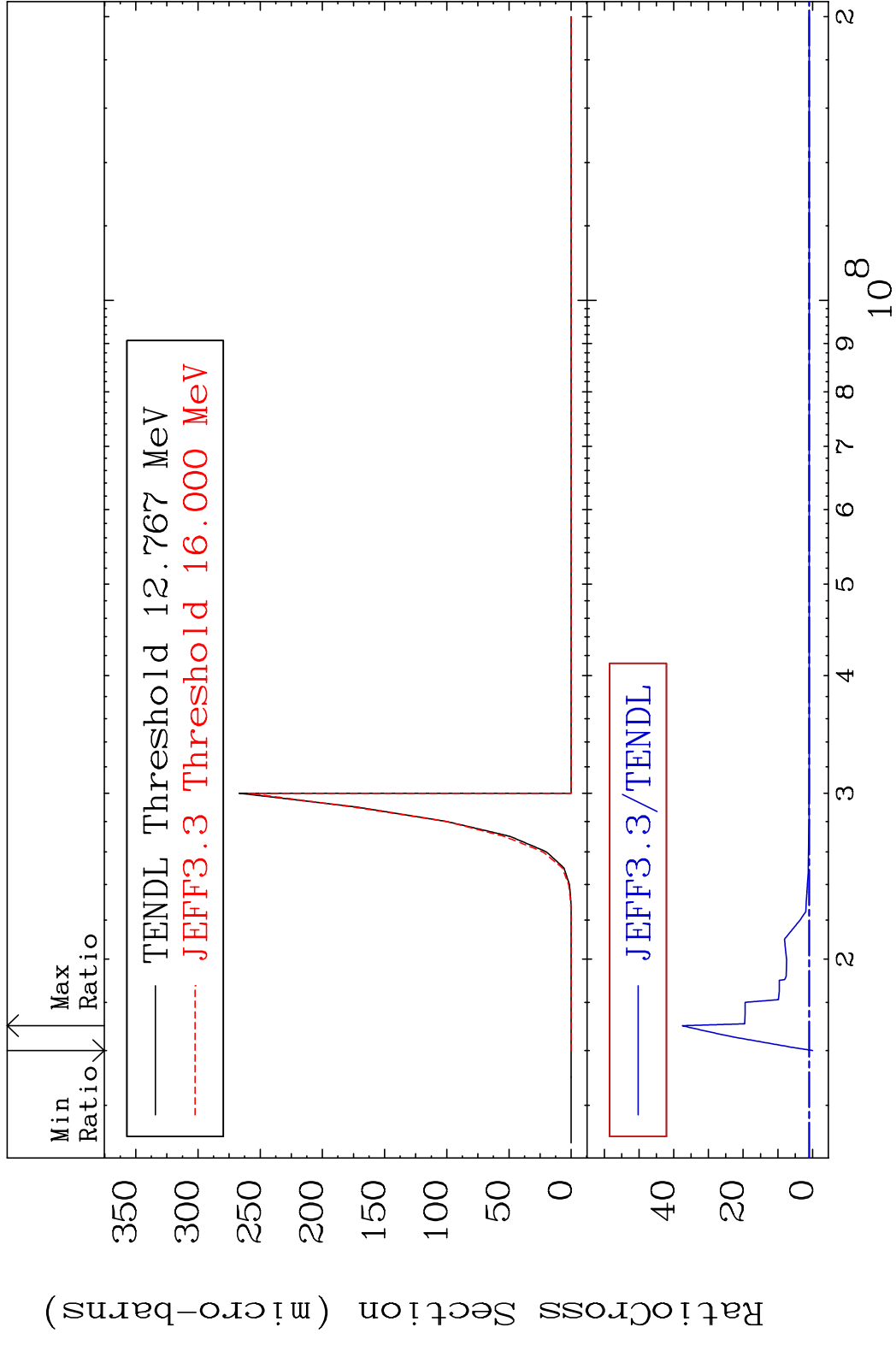
MAT 3322 Dpa disappearance (mt102 -120) 33-As-74
 Cross Section -63.59 To 9279. %

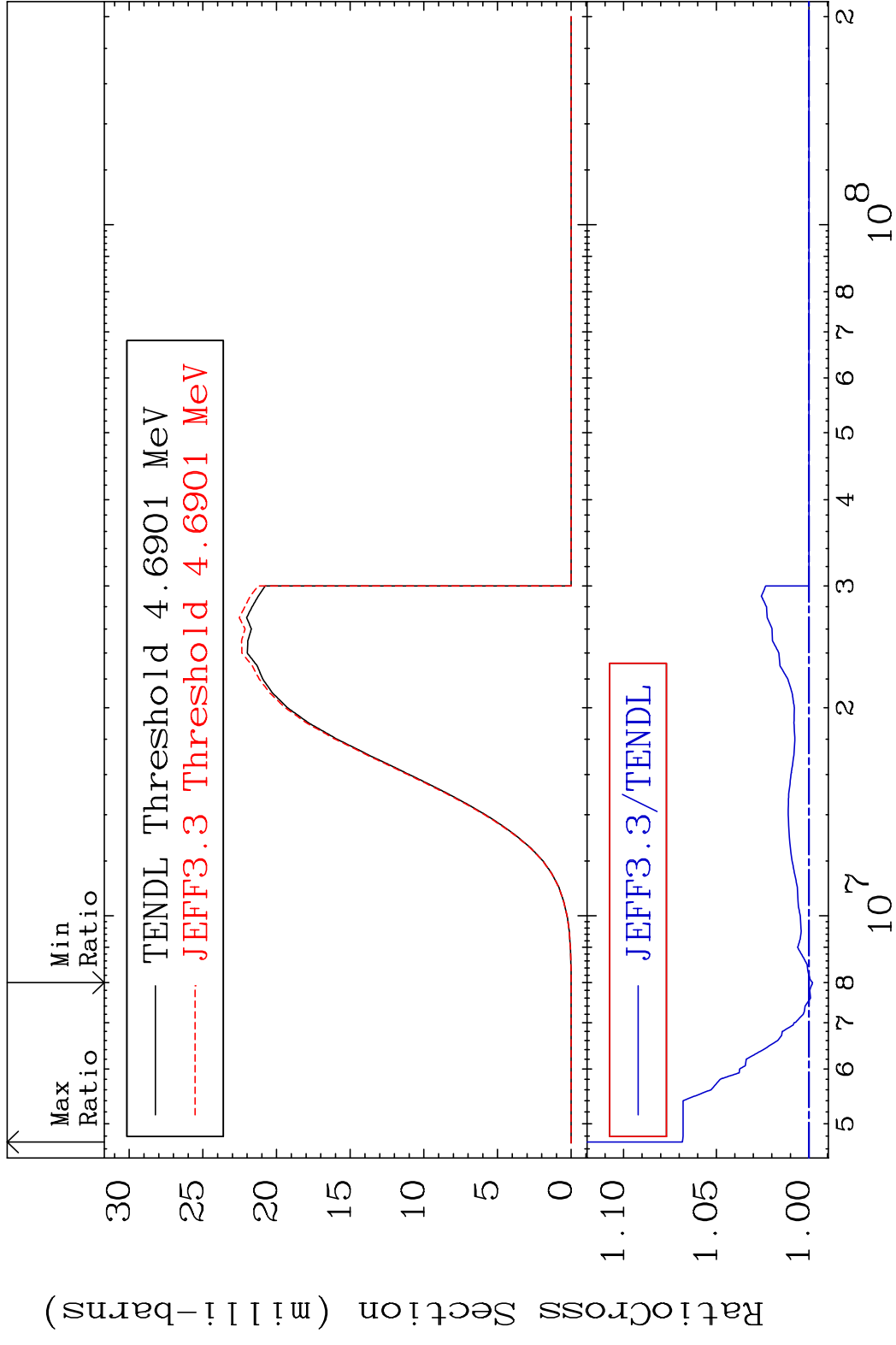












MAT 3322 (n, d): 32-Ge-73m2 33-As-74
 Radionuclide Production Cross Section 5.126 %

