

Program Complot
(Version 2021-1)

by

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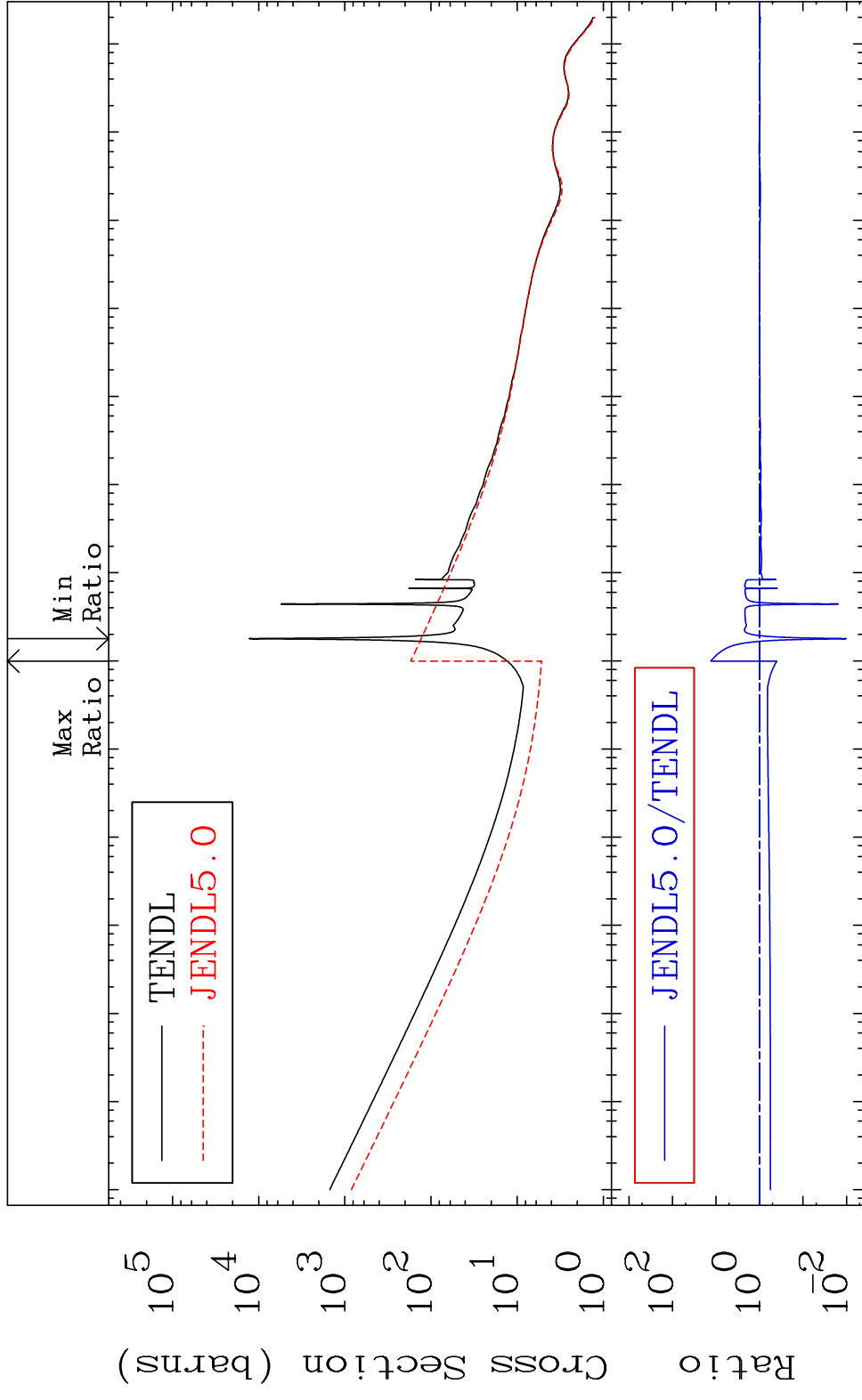
Press Mouse Button to Start

MAT 3313

Total

Cross Section

-98.99 To 1220. %



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

1

Incident Energy (eV)

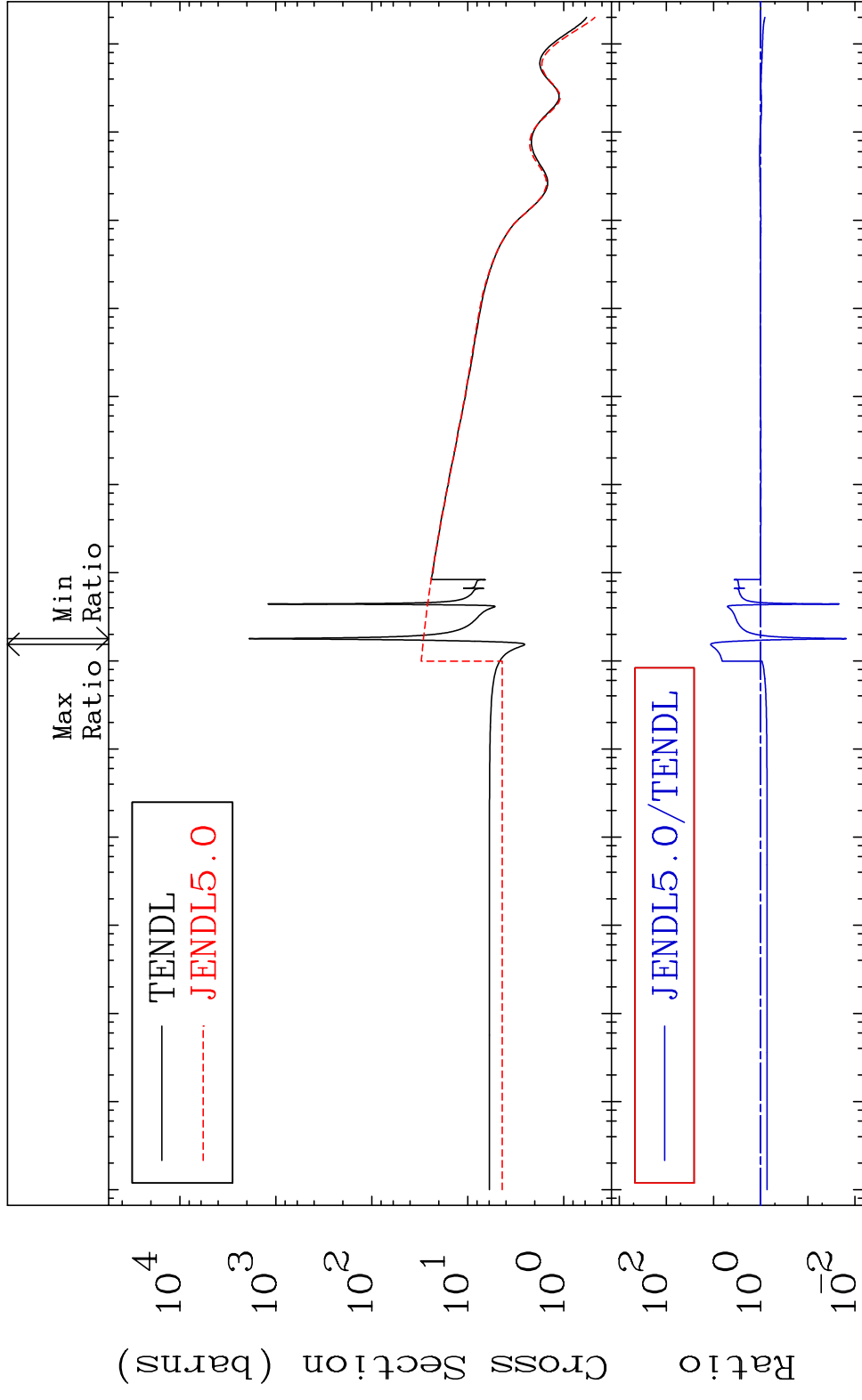
33-As-71

MAT 3313

33-As-71

Elastic

Cross Section -98.47 To 1050. %



Ratio

10⁴

10³

10²

10¹

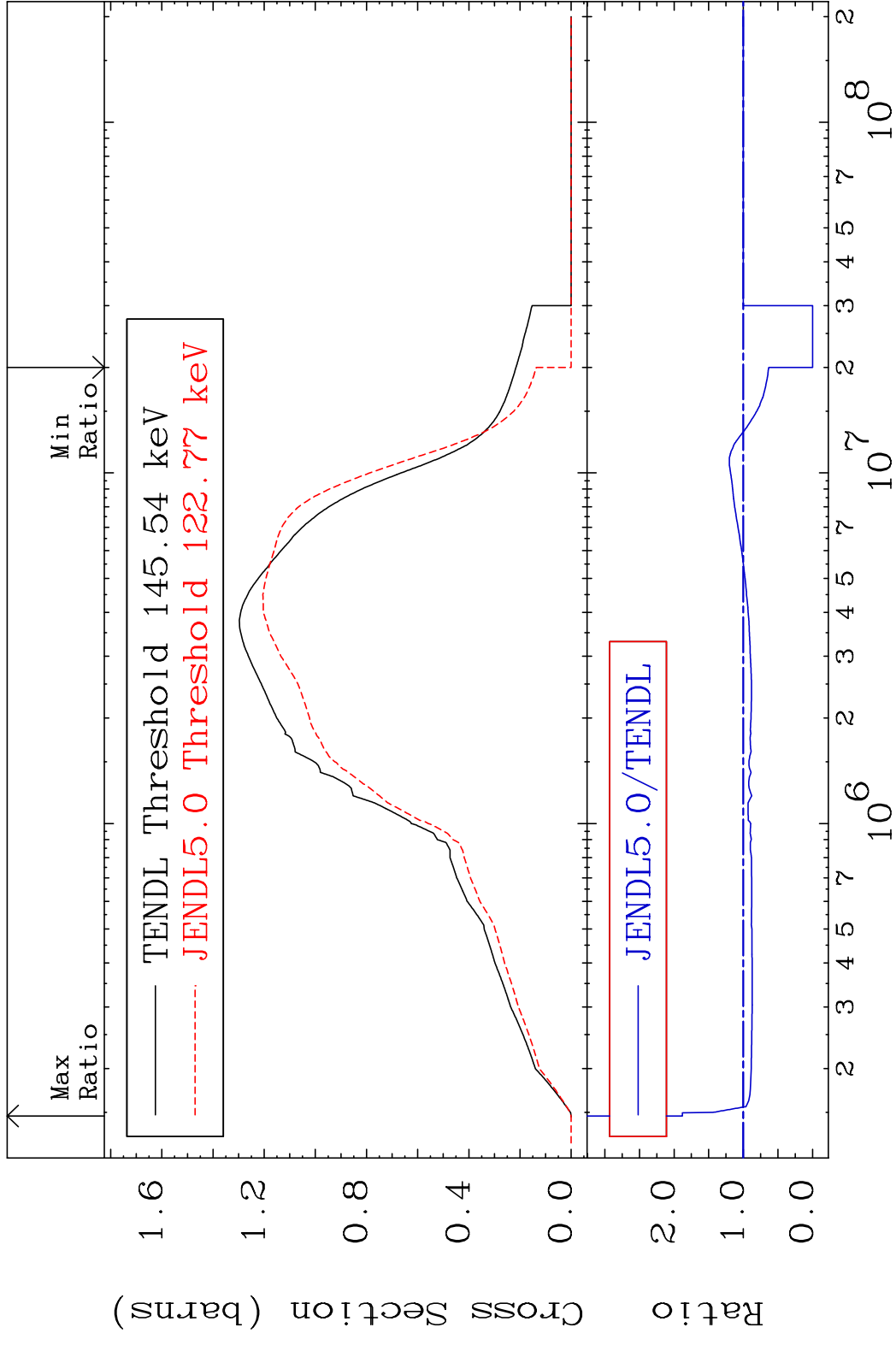
10⁰

10⁻²

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

Incident Energy (eV)

MAT 3313 Inelastic Cross Section -100.0 To 88.06 % 33-As-71

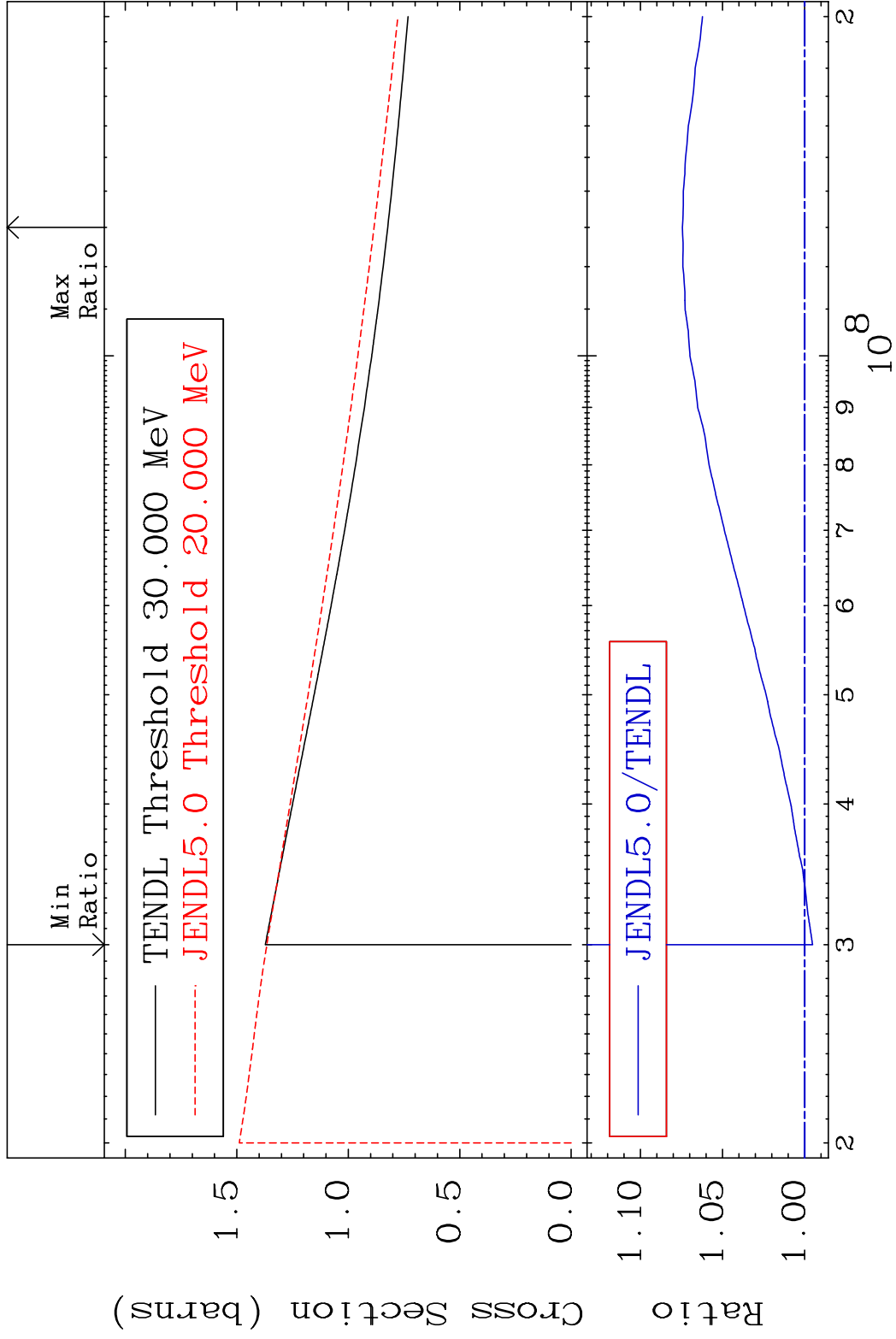


MAT 3313

(n, remainder)

33-As-71

Cross Section -0.478 To 7.451 %

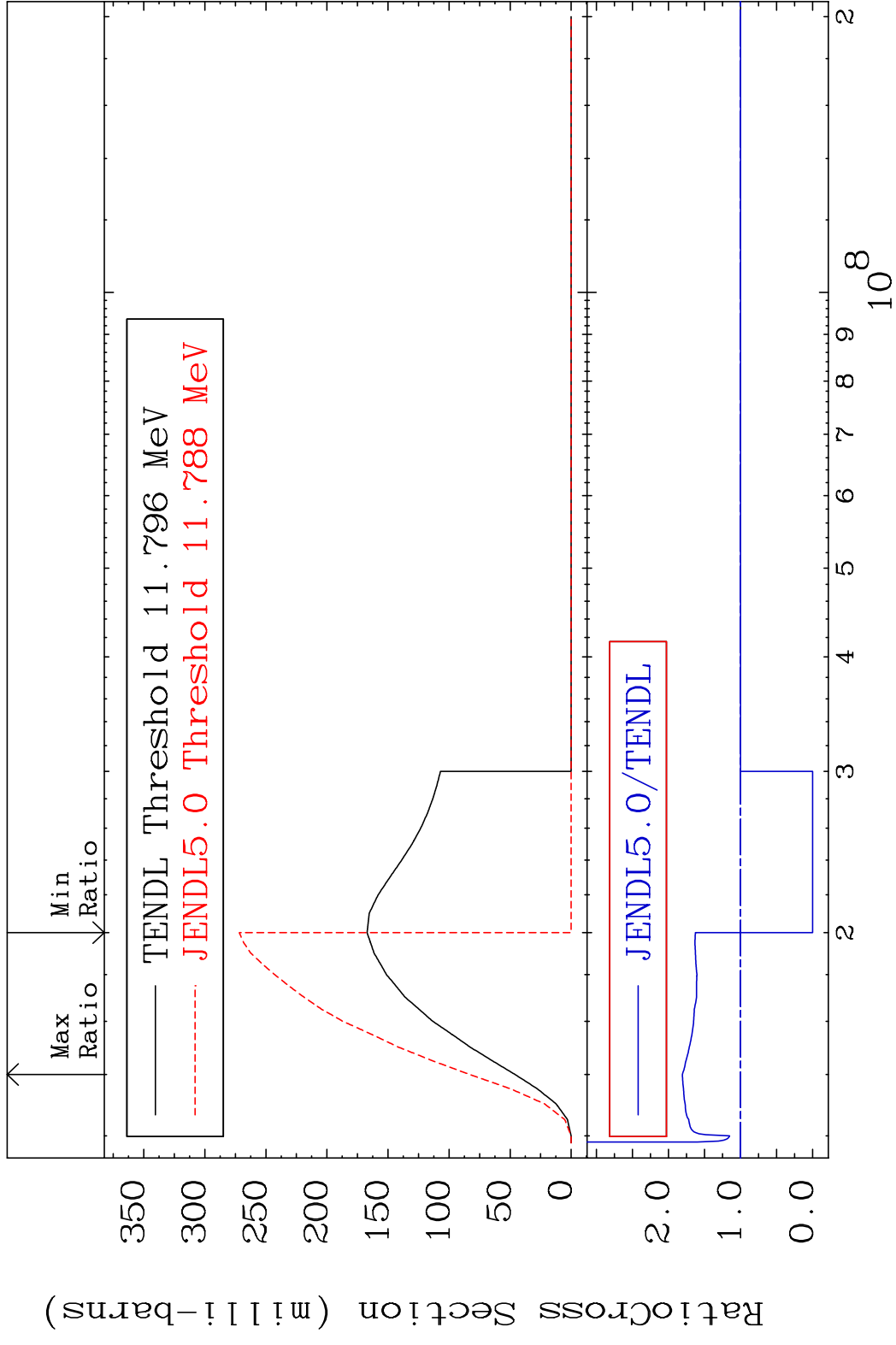


4

Incident Energy (eV)

33-As-71

MAT 3313 (n,2n) 33-As-71
 Cross Section -100.0 To 80.66 %

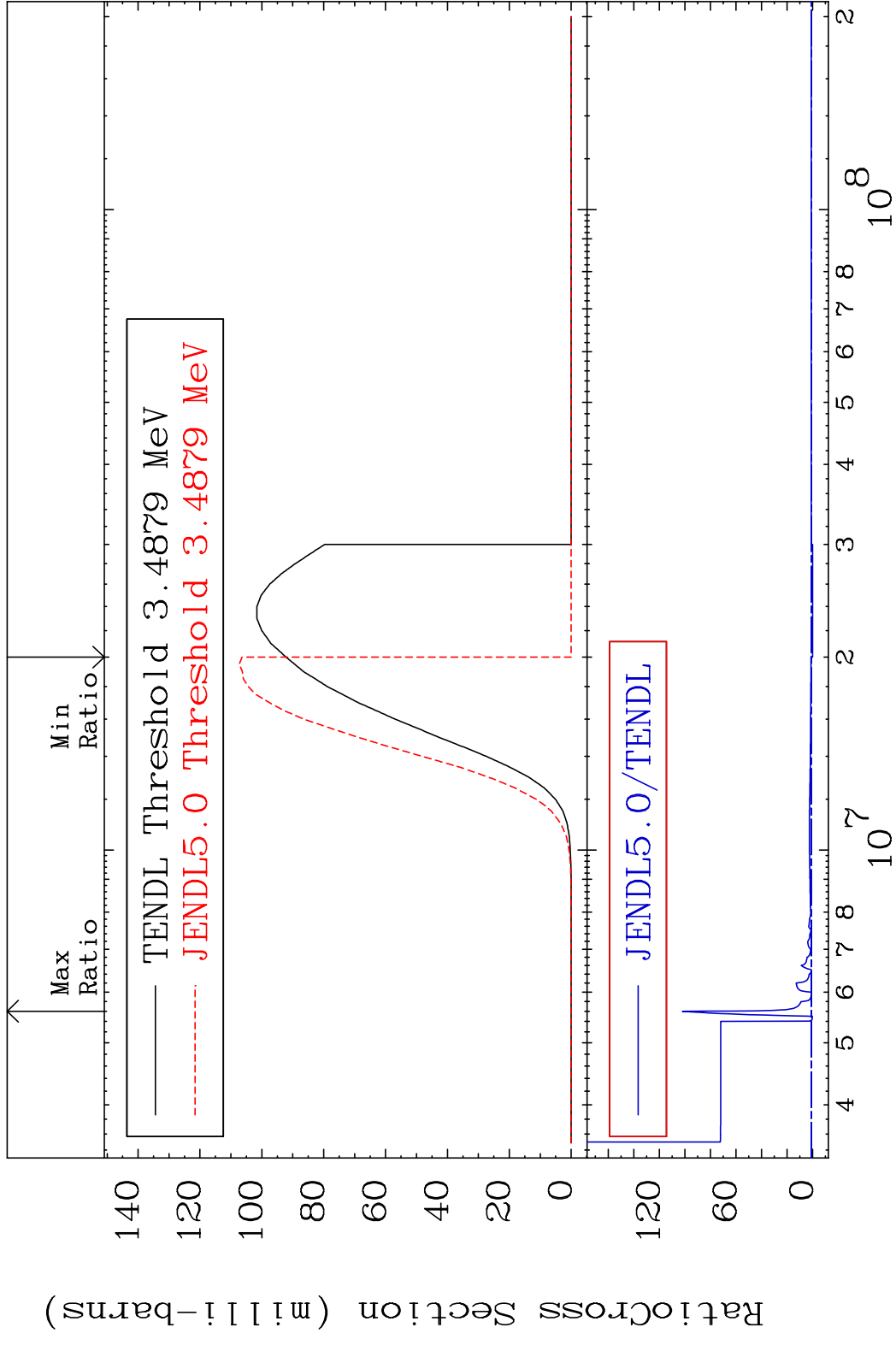


MAT 3313

(n, n') α

33-As-71

Cross Section -100.0 To 9999. %

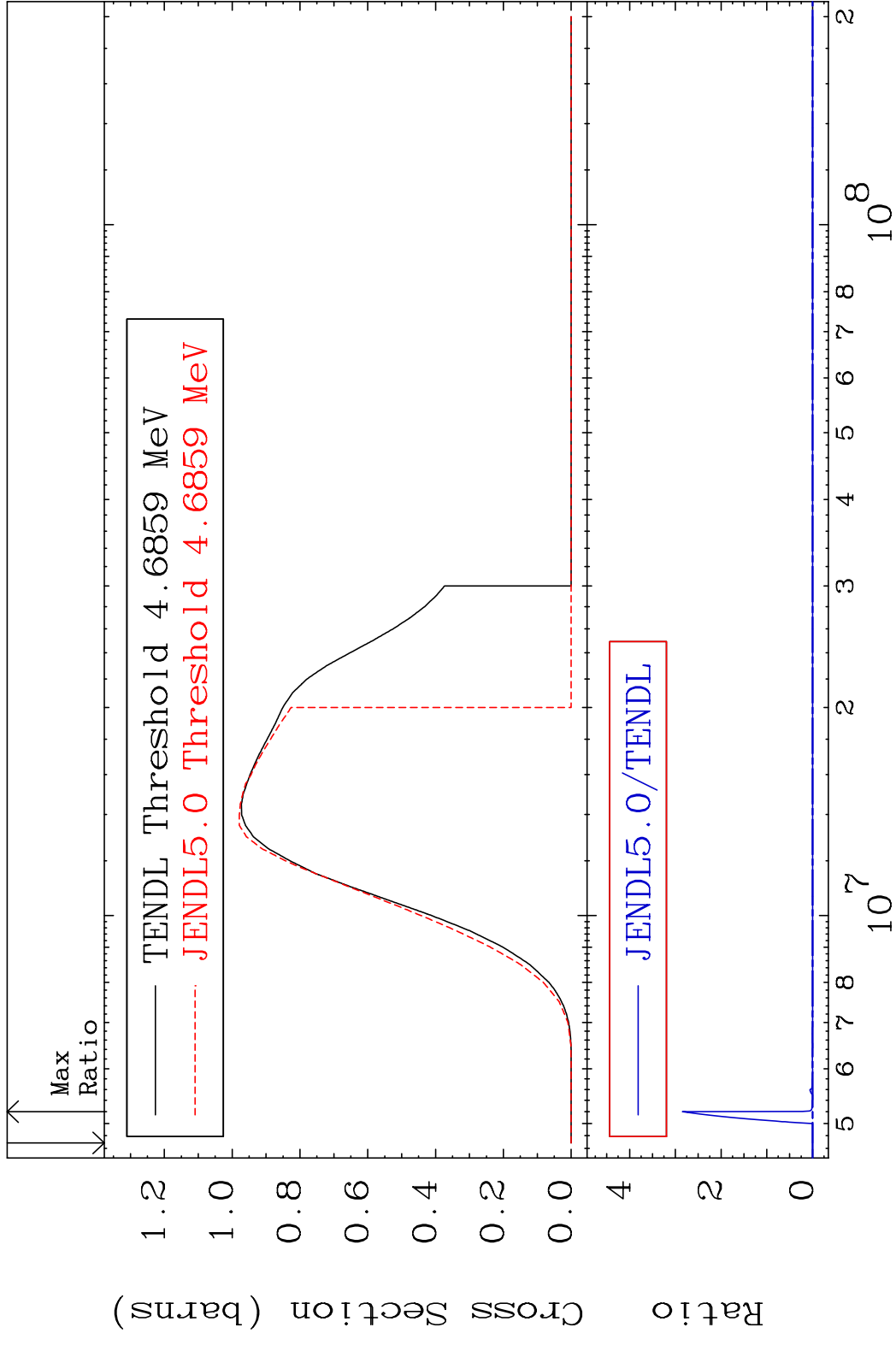


MAT 3313

(n, n') p

33-As-71

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

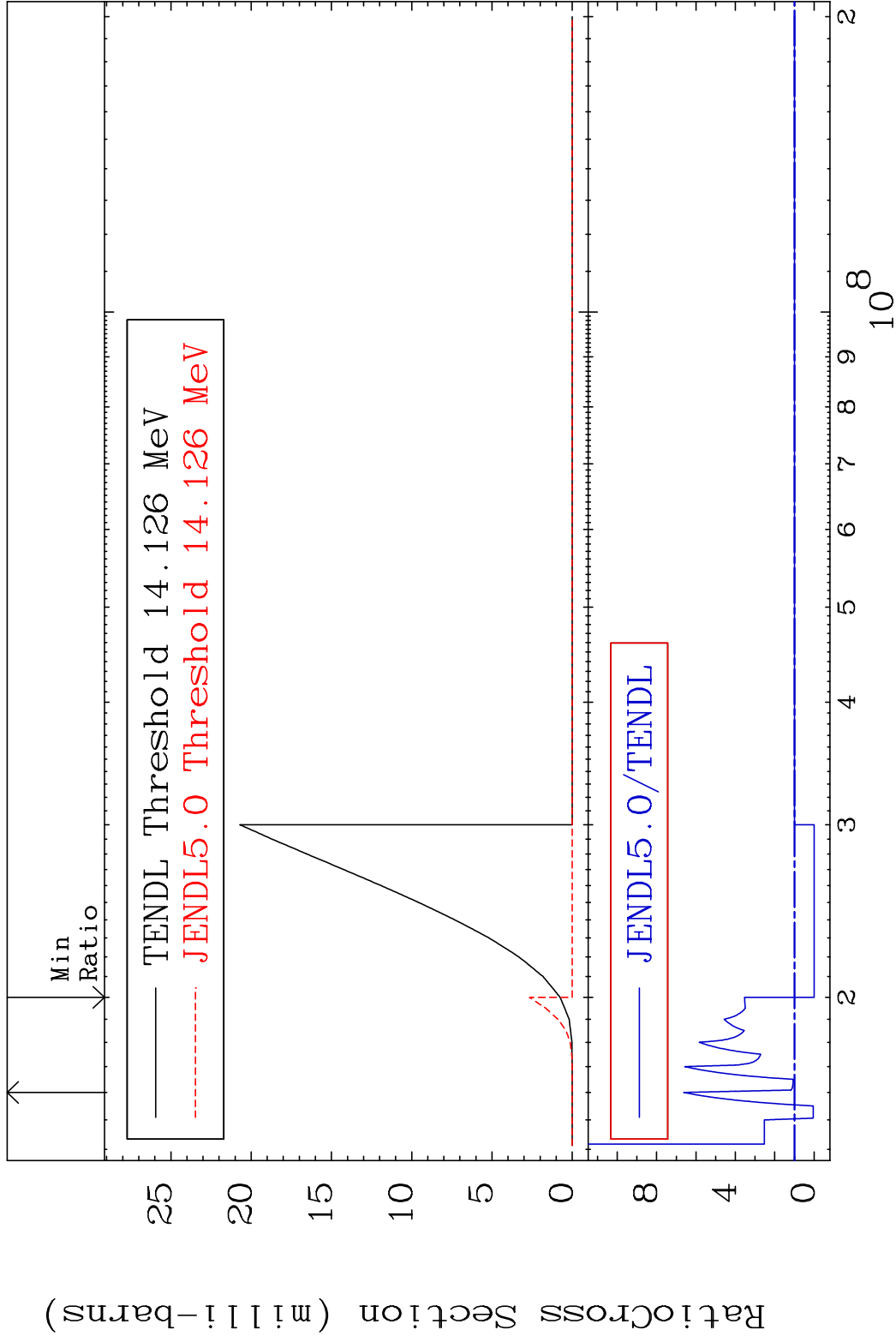
33-As-71

MAT 3313

(n, n') d

33-As-71

Cross Section -100.0 To 562.6 %

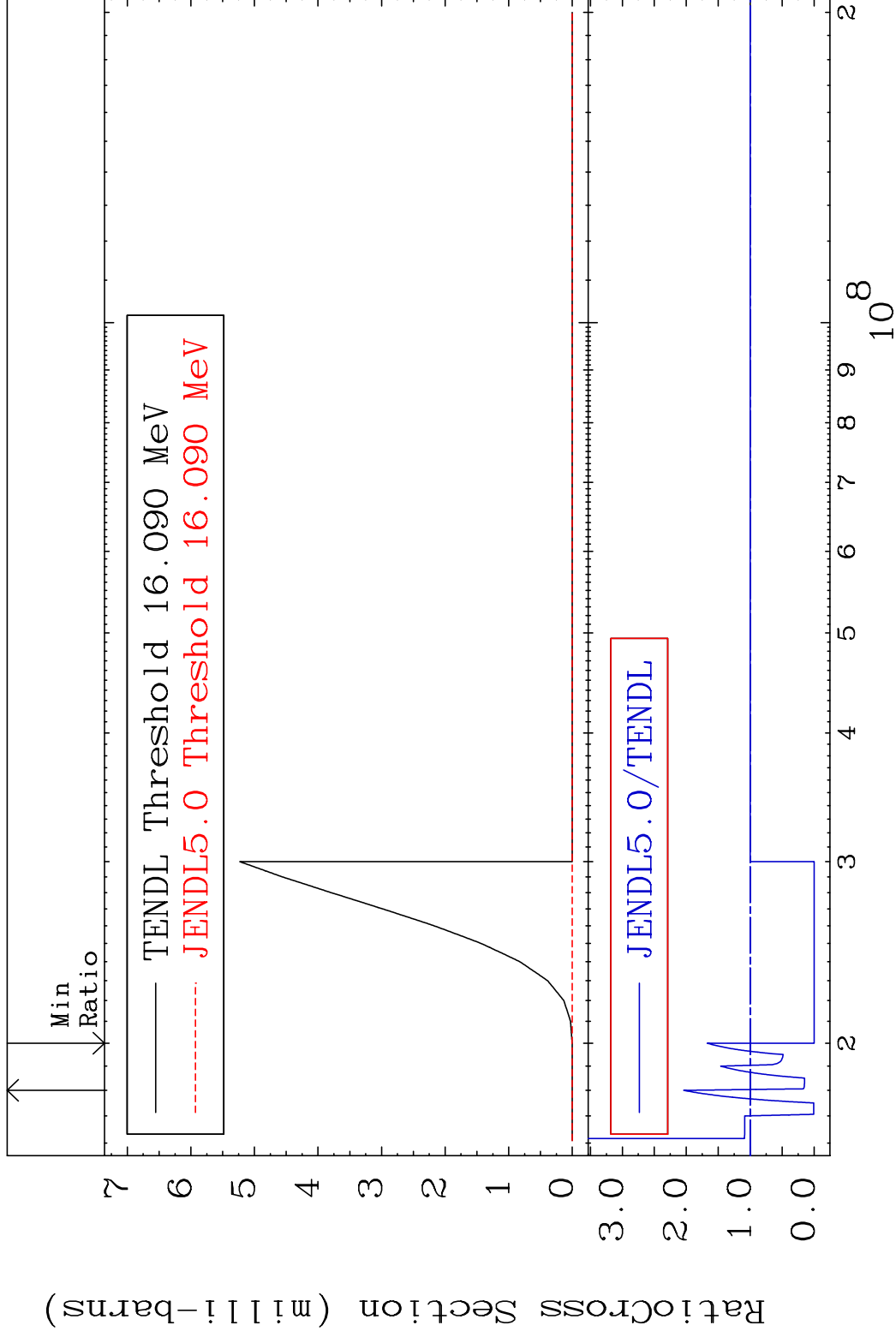


MAT 3313

(n, n') t

33-As-71

Cross Section -100.0 To 104.1 %

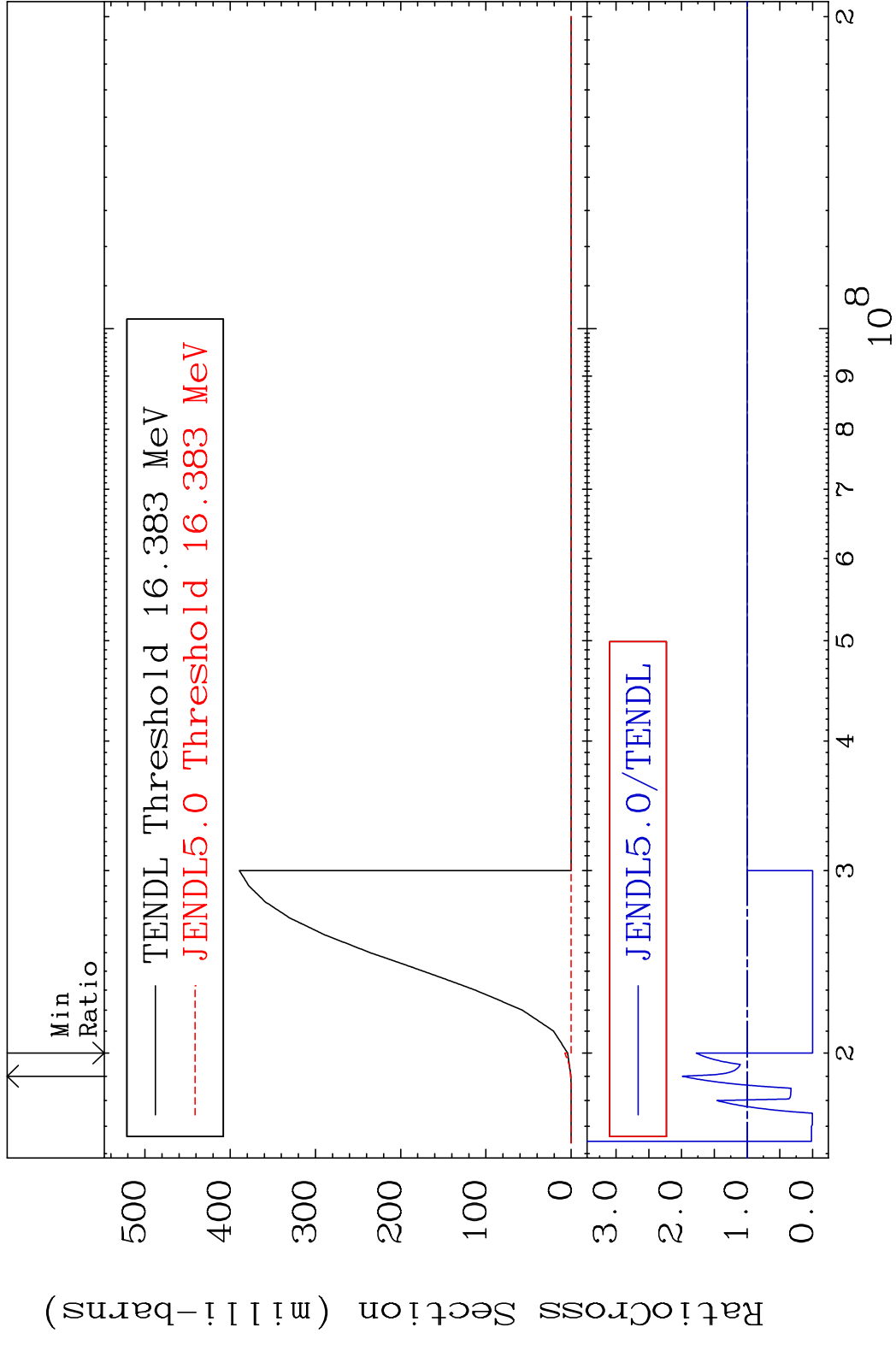


MAT 3313

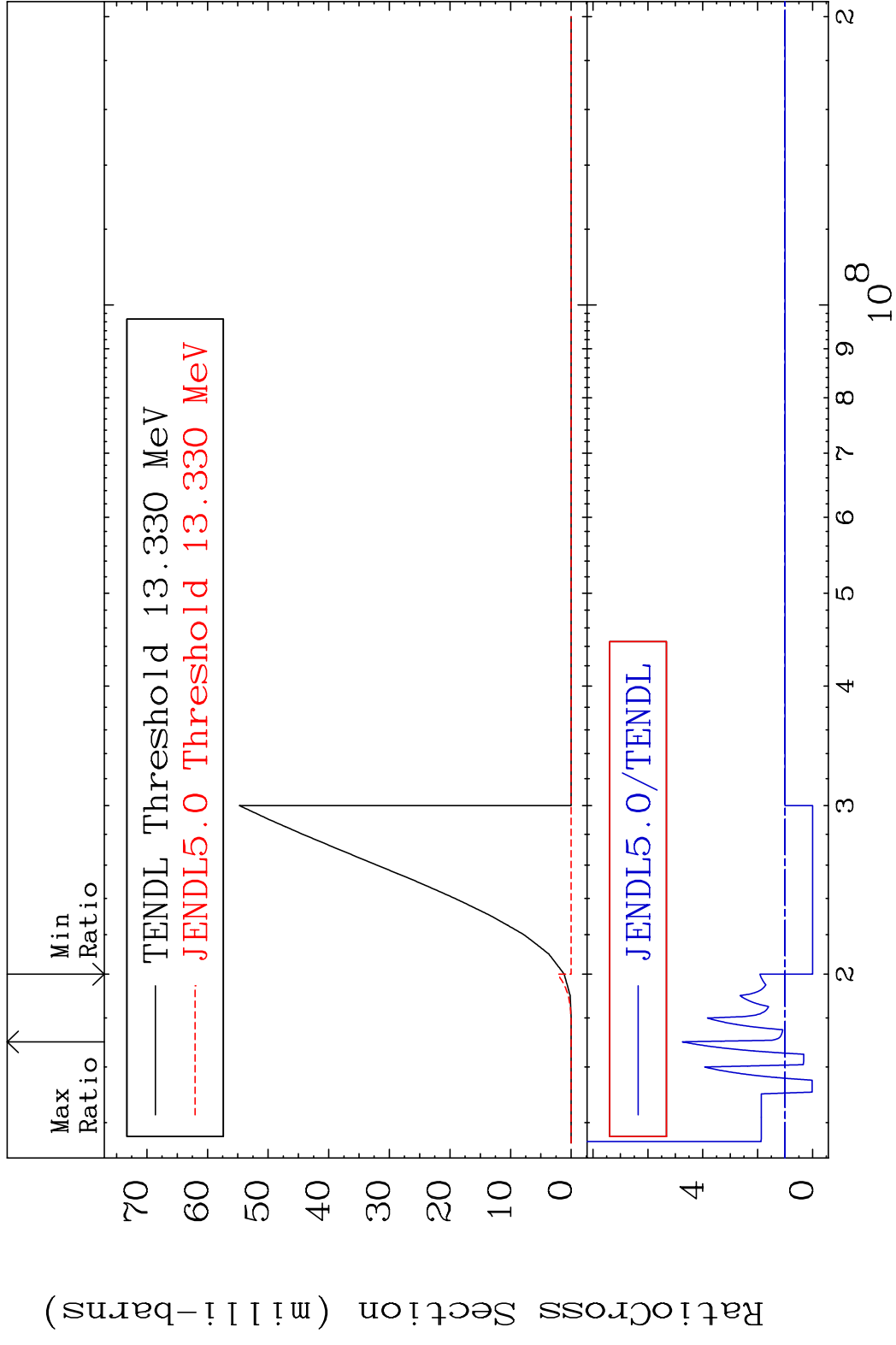
(n,2n) p

33-As-71

Cross Section -100.0 To 98.77 %



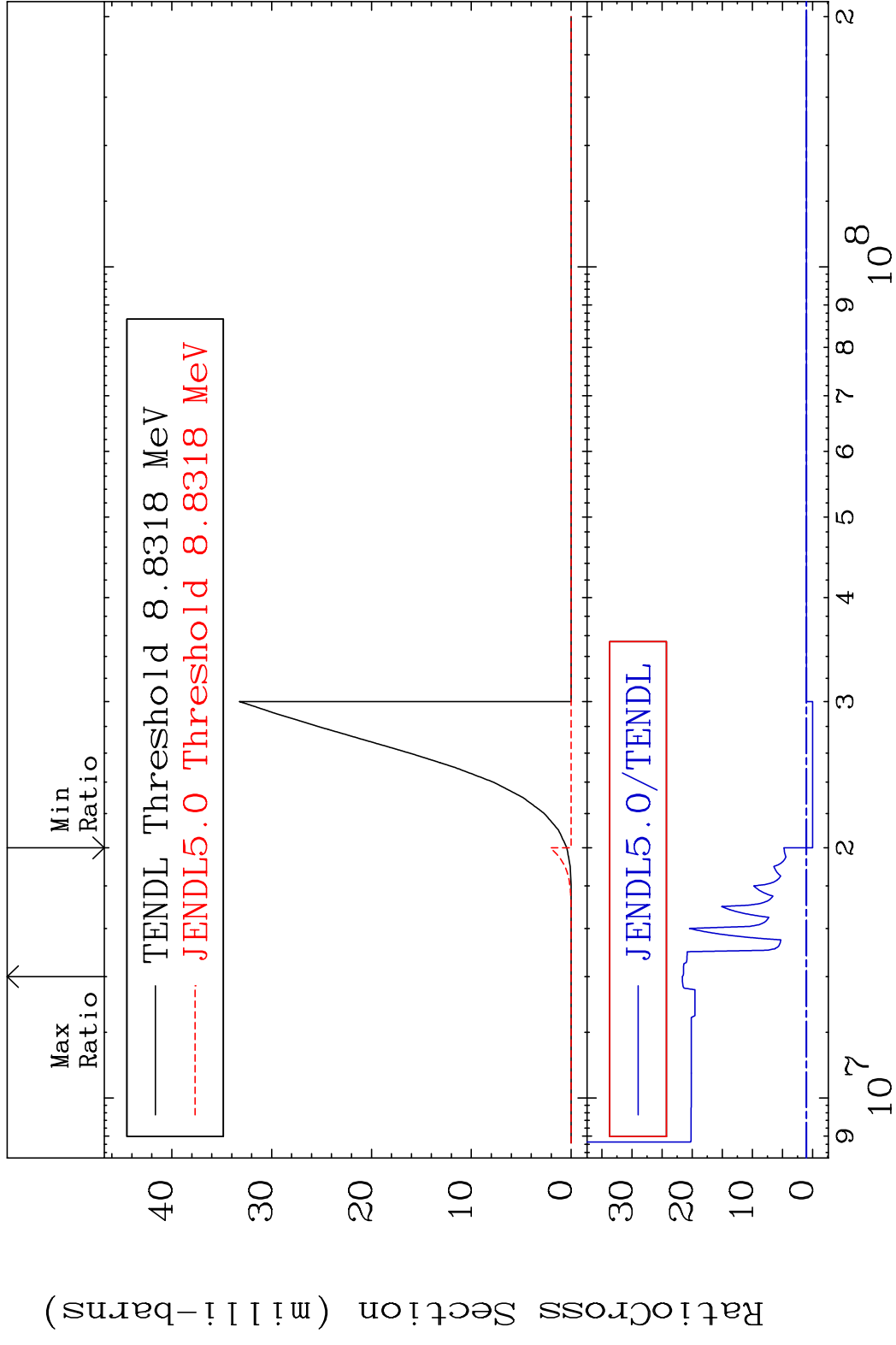
MAT 3313 (n,2n) p 33-As-71
 Cross Section -100.0 To 374.4 %



MAT 3313

(n,n') p α
Cross Section -100.0 To 2064. %

33-AS-71

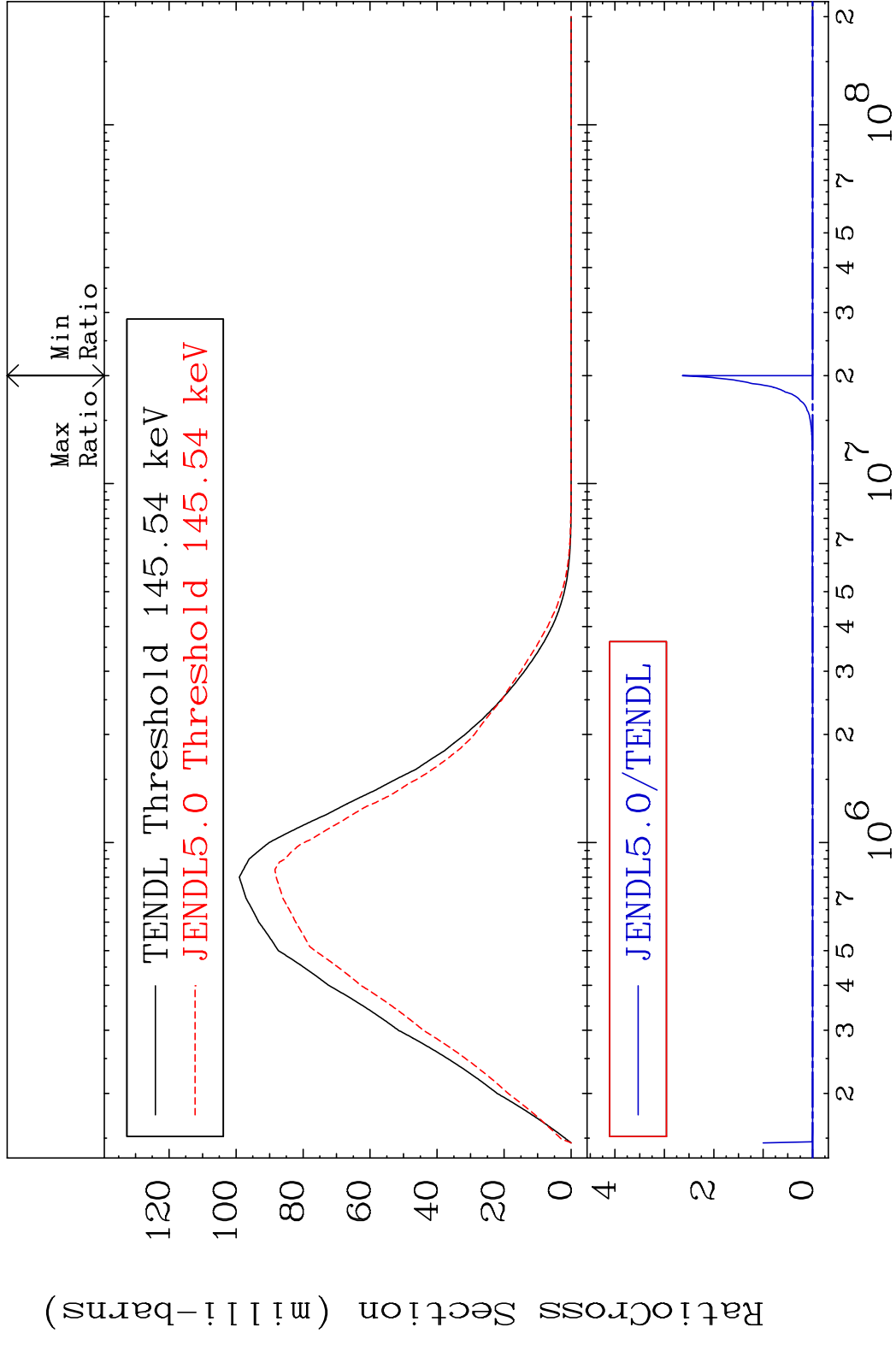


12

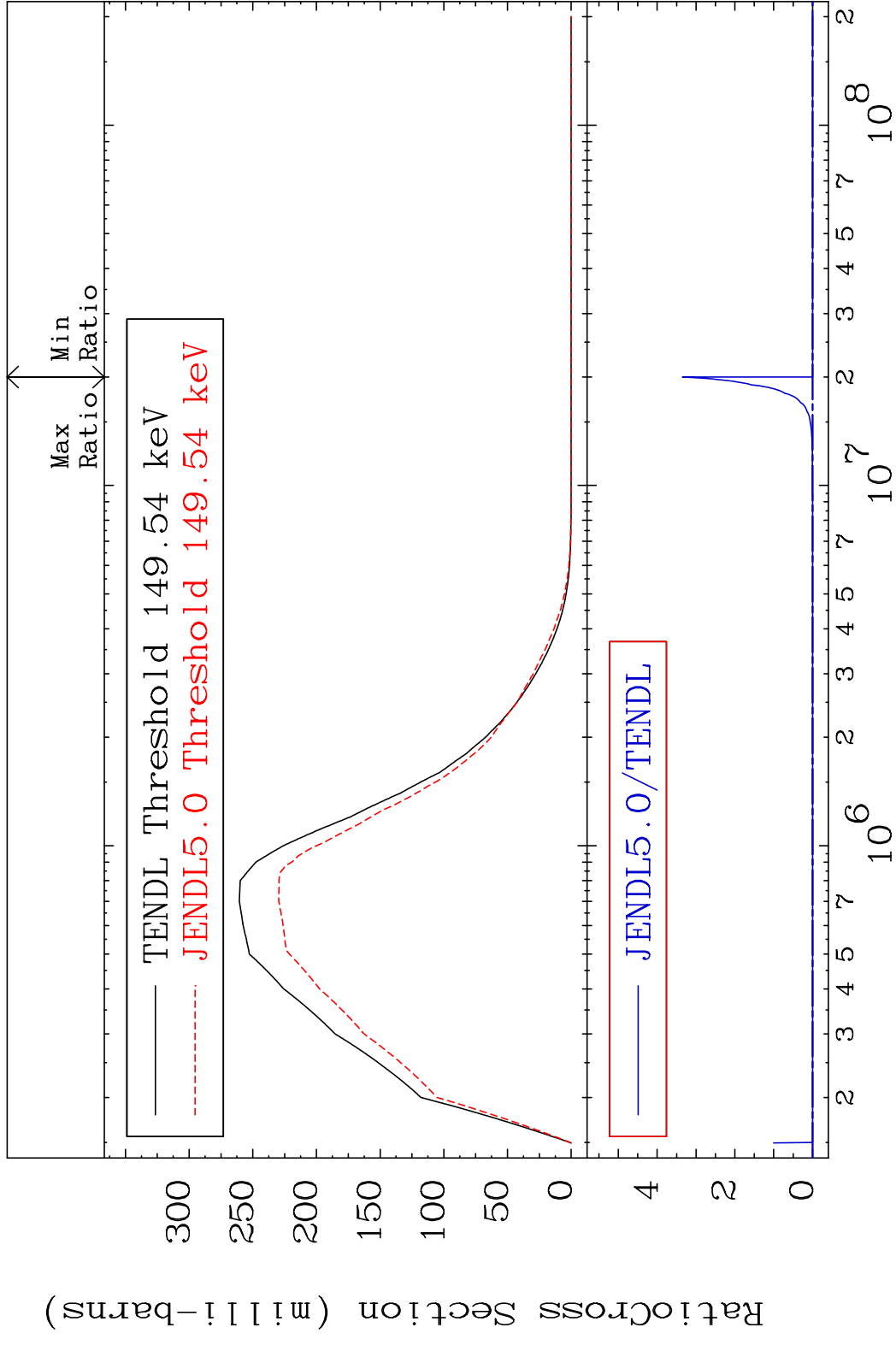
Incident Energy (eV)

33-AS-71

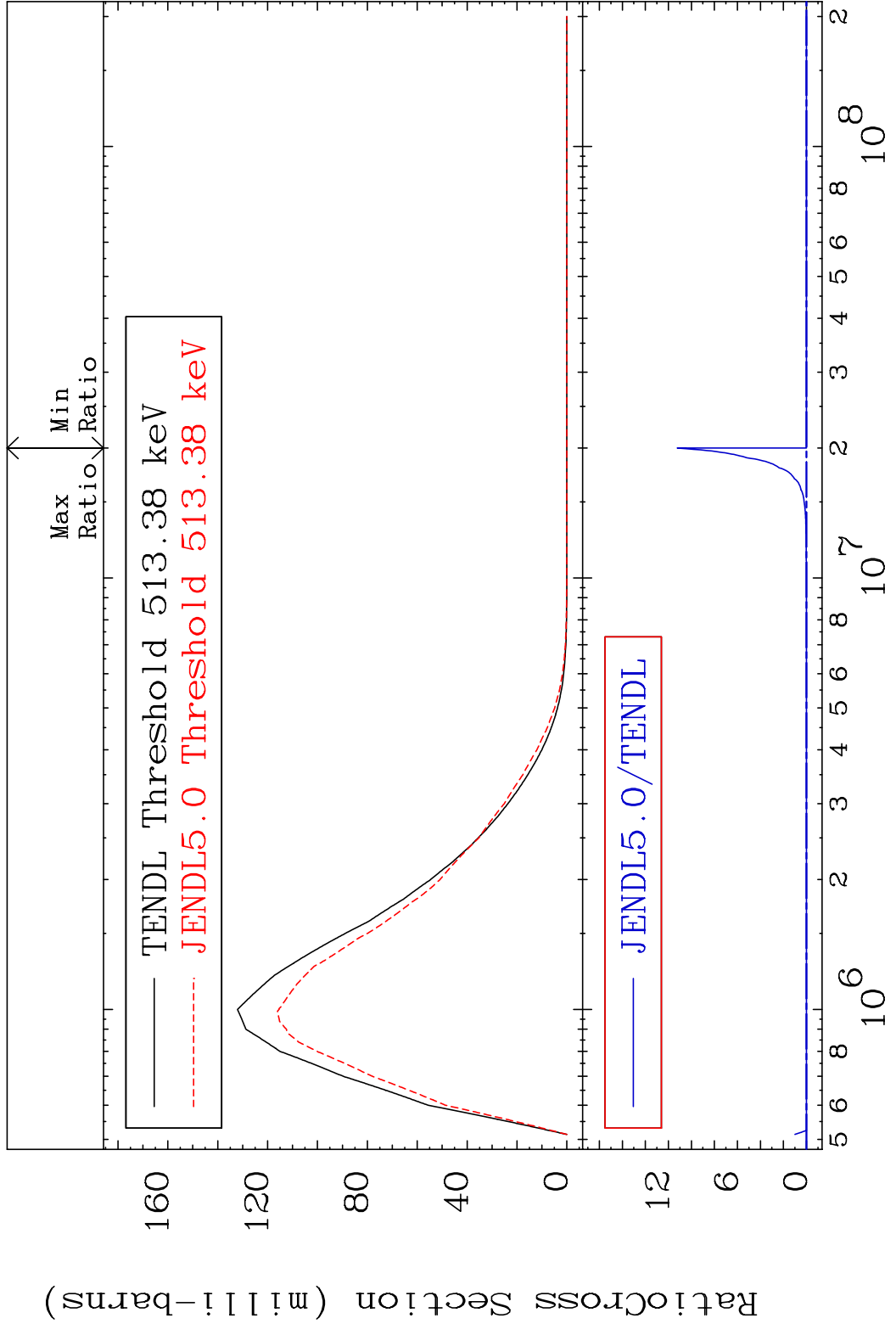
MAT 3313 MT= 51 (n, n') Level 33-As-71
 Cross Section -100.0 To 9999. %



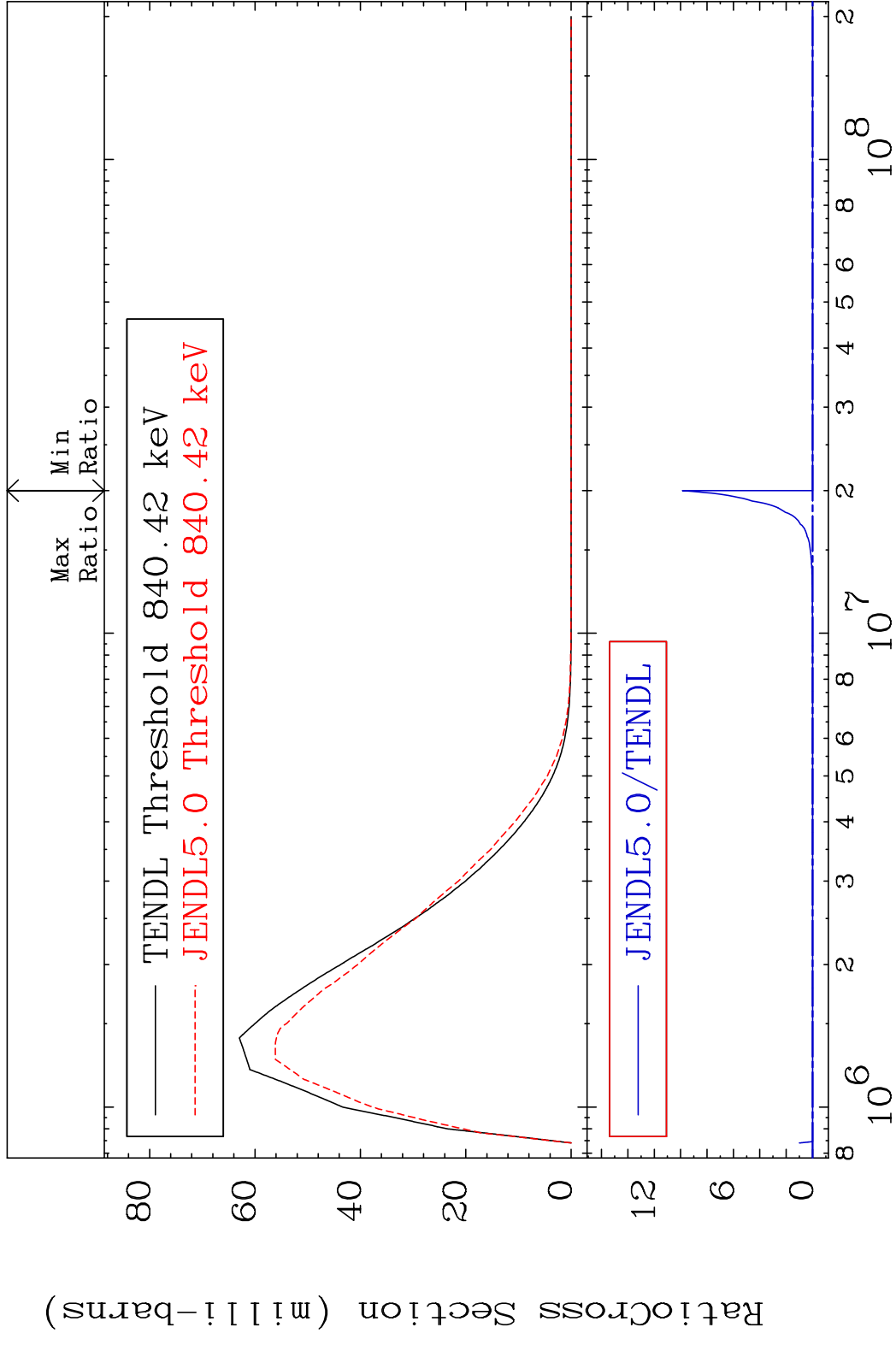
MAT 3313 MT= 52 (n, n') Level 33-As-71
 Cross Section -100.0 To 9999. %



MAT 3313 MT= 53 (n, n') Level 33-As-71
 Cross Section -100.0 To 9999. %

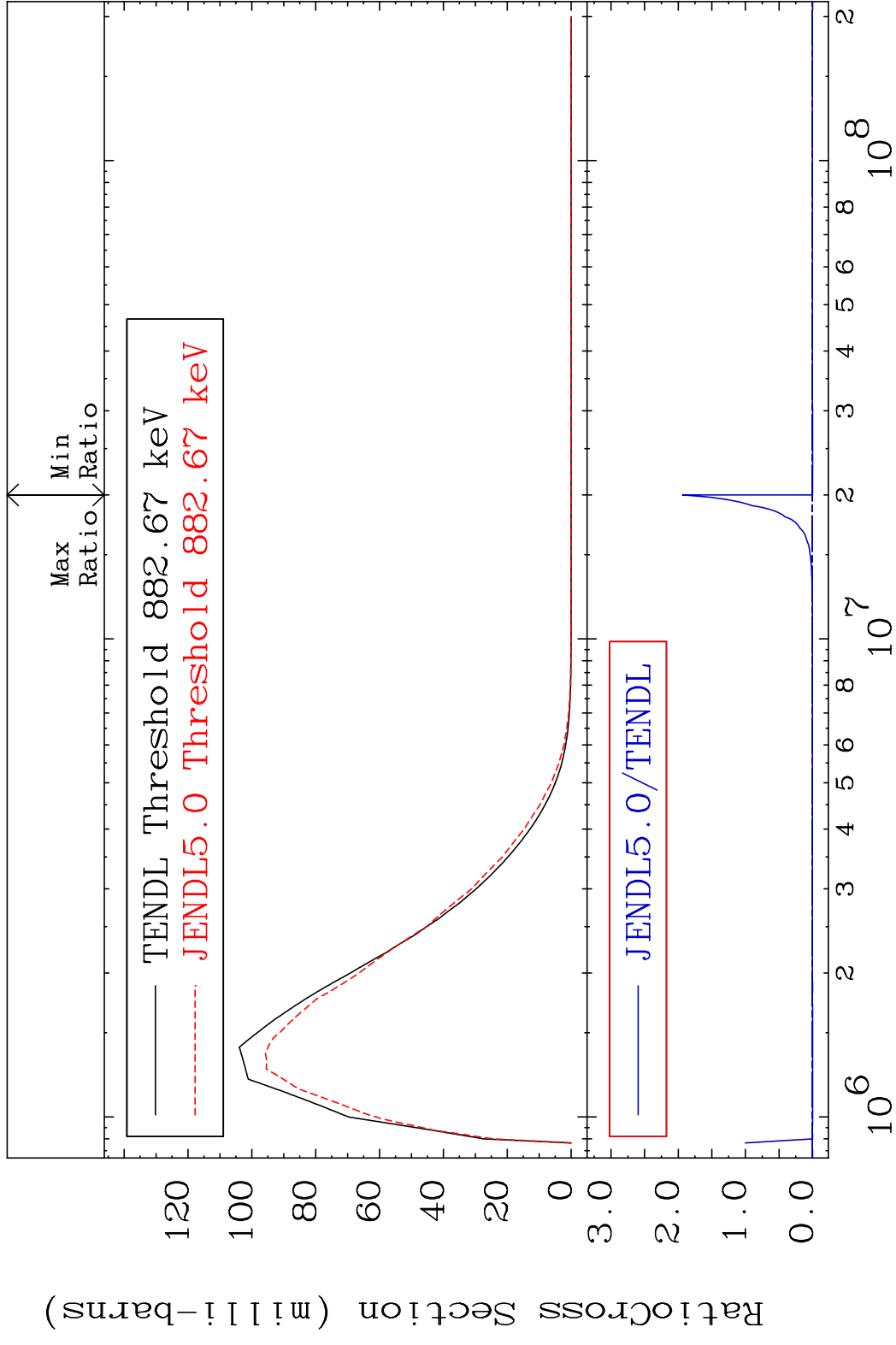


MAT 3313 MT= 54 (n, n') Level 33-As-71
 Cross Section -100.0 To 9999. %



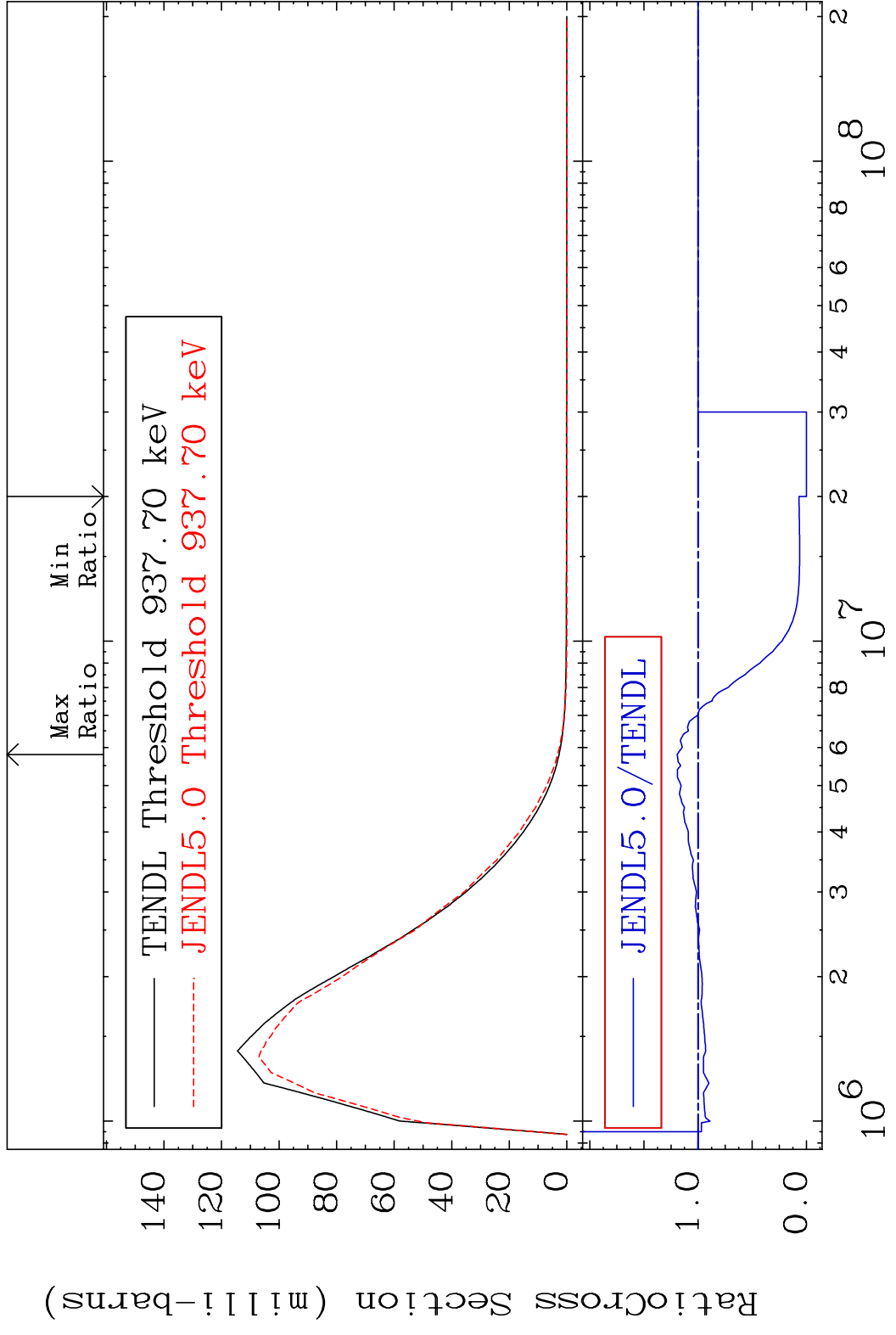
16 Incident Energy (eV) 33-As-71

MAT 3313 MT= 55 (n, n') Level 33-As-71
 Cross Section -100.0 To 9999. %



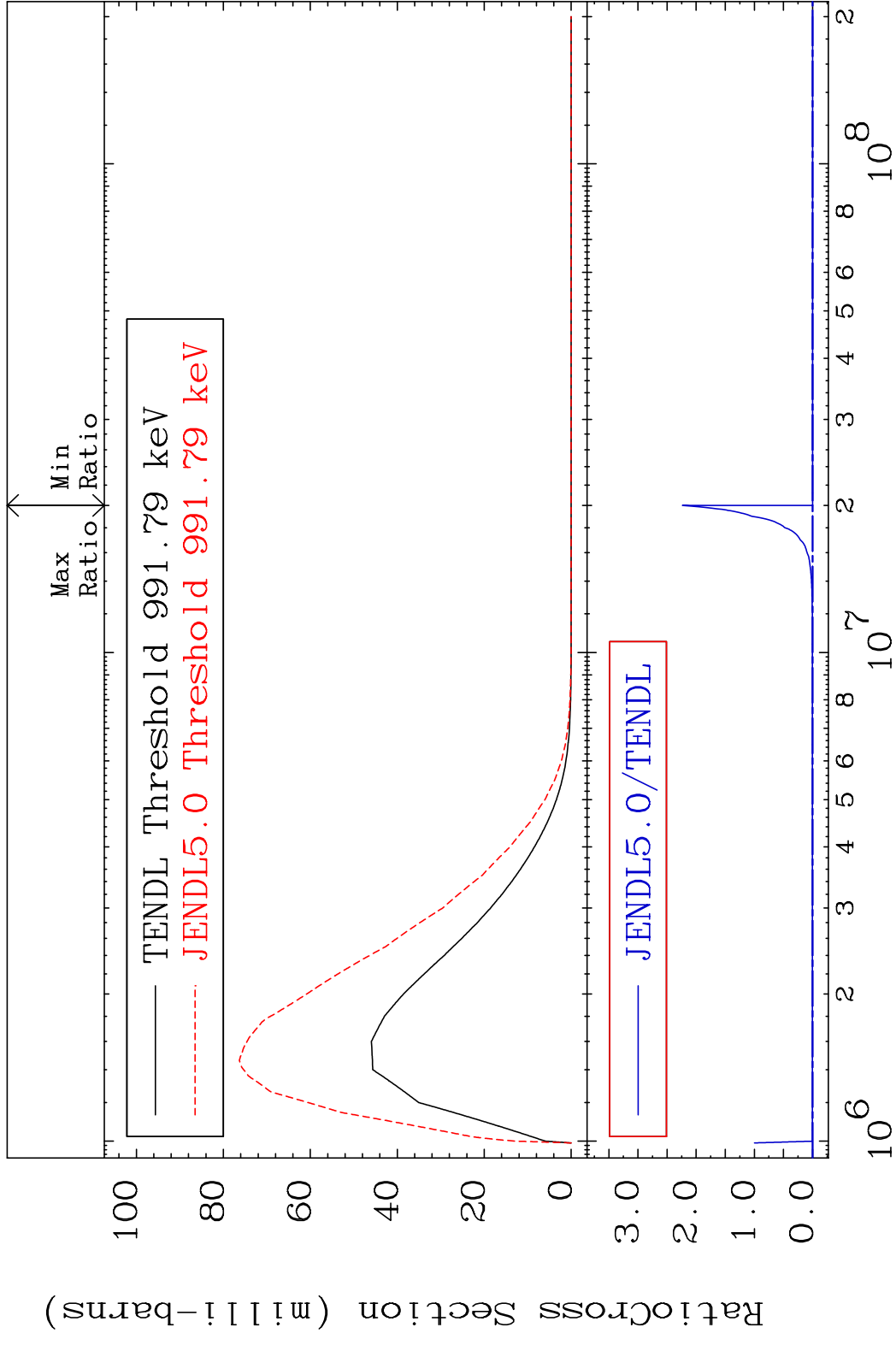
17 Incident Energy (eV) 33-As-71

MAT 3313 MT= 56 (n, n') Level 33-As-71
 Cross Section -100.0 To 19.30 %



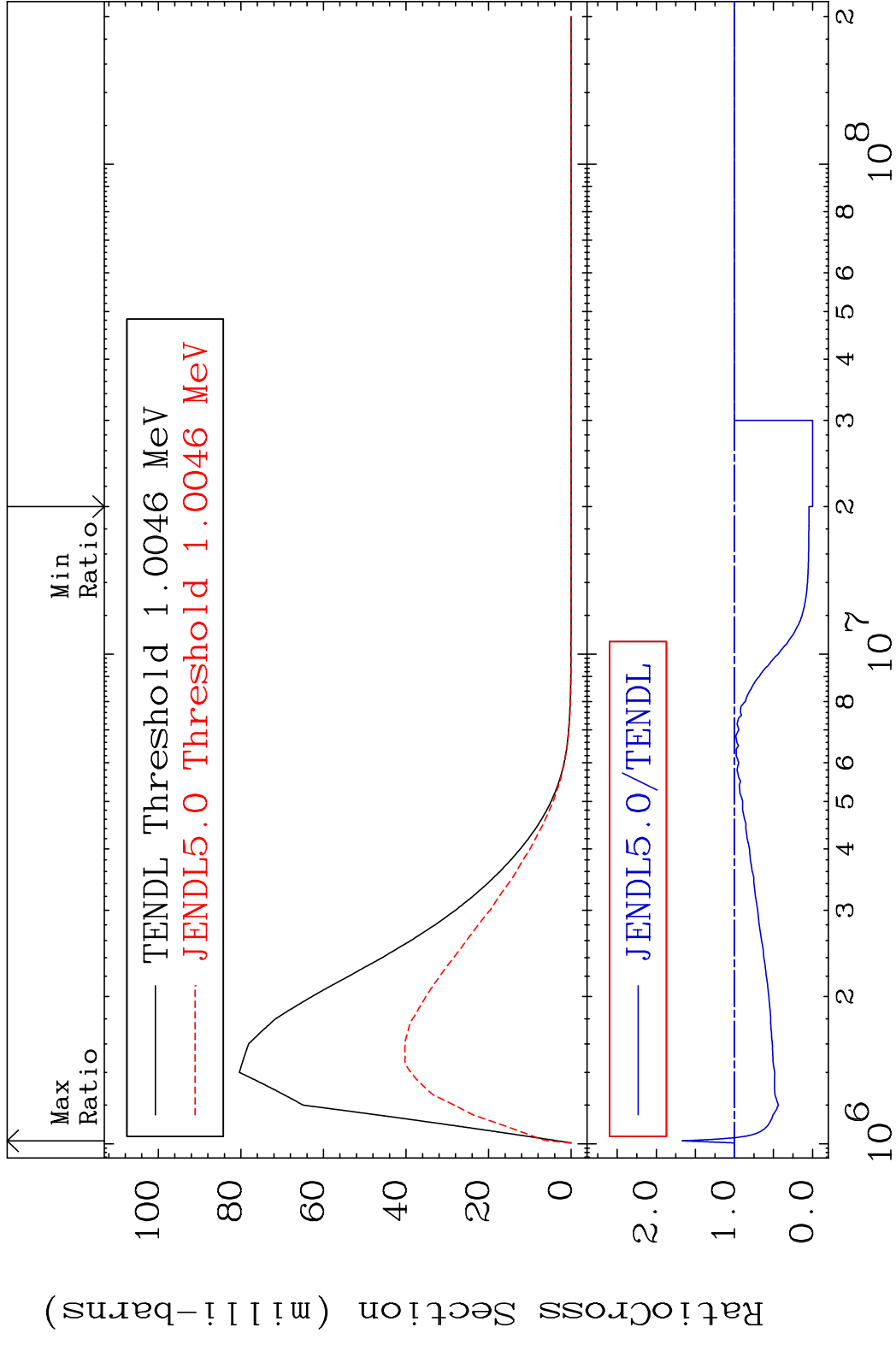
18 Incident Energy (eV) 33-As-71

MAT 3313 MT= 57 (n, n') Level 33-As-71
 Cross Section -100.0 To 9999. %



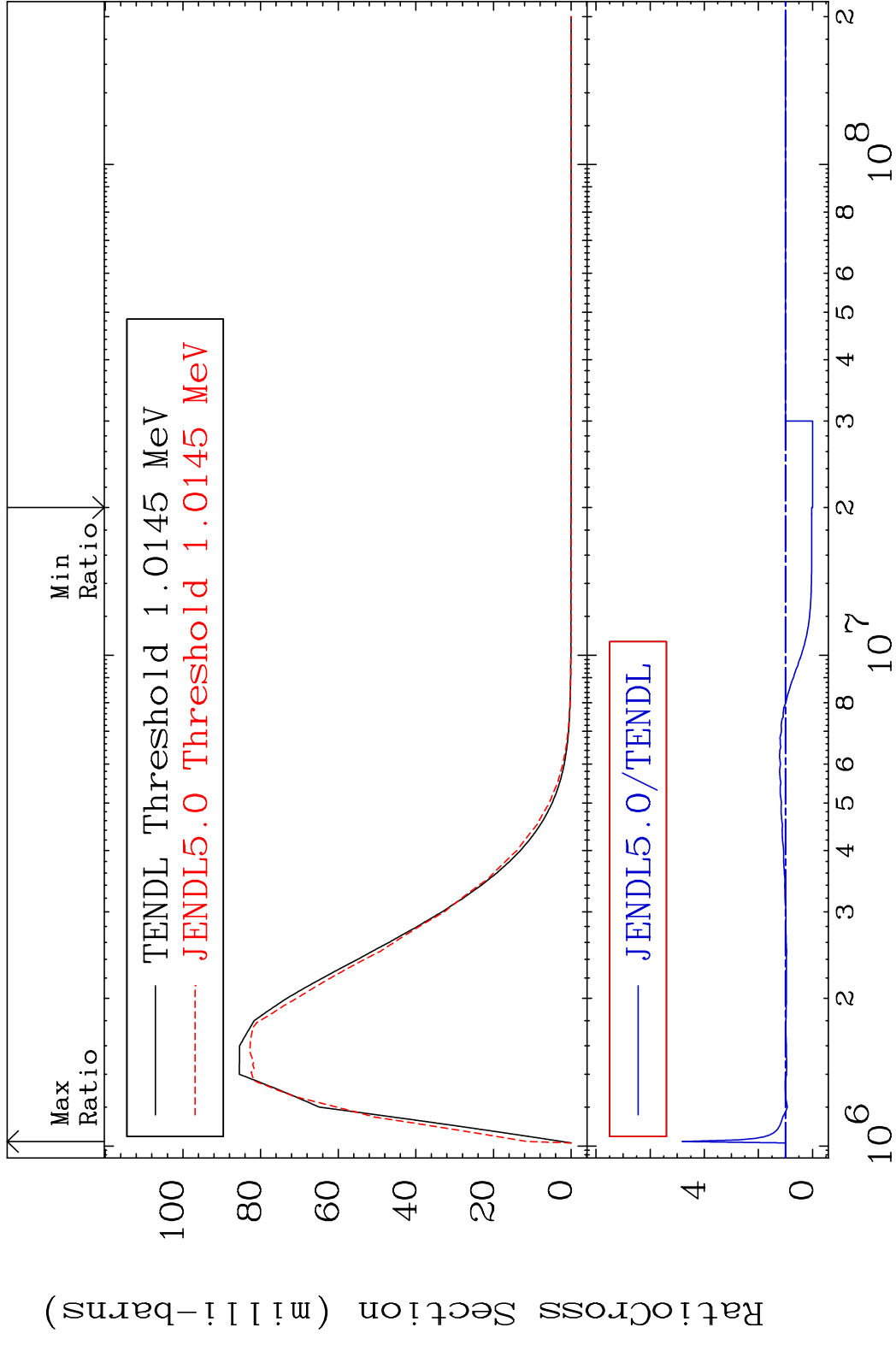
19 Incident Energy (eV) 33-As-71

MAT 3313 MT= 58 (n, n') Level 33-As-71
 Cross Section -100.0 To 66.64 %

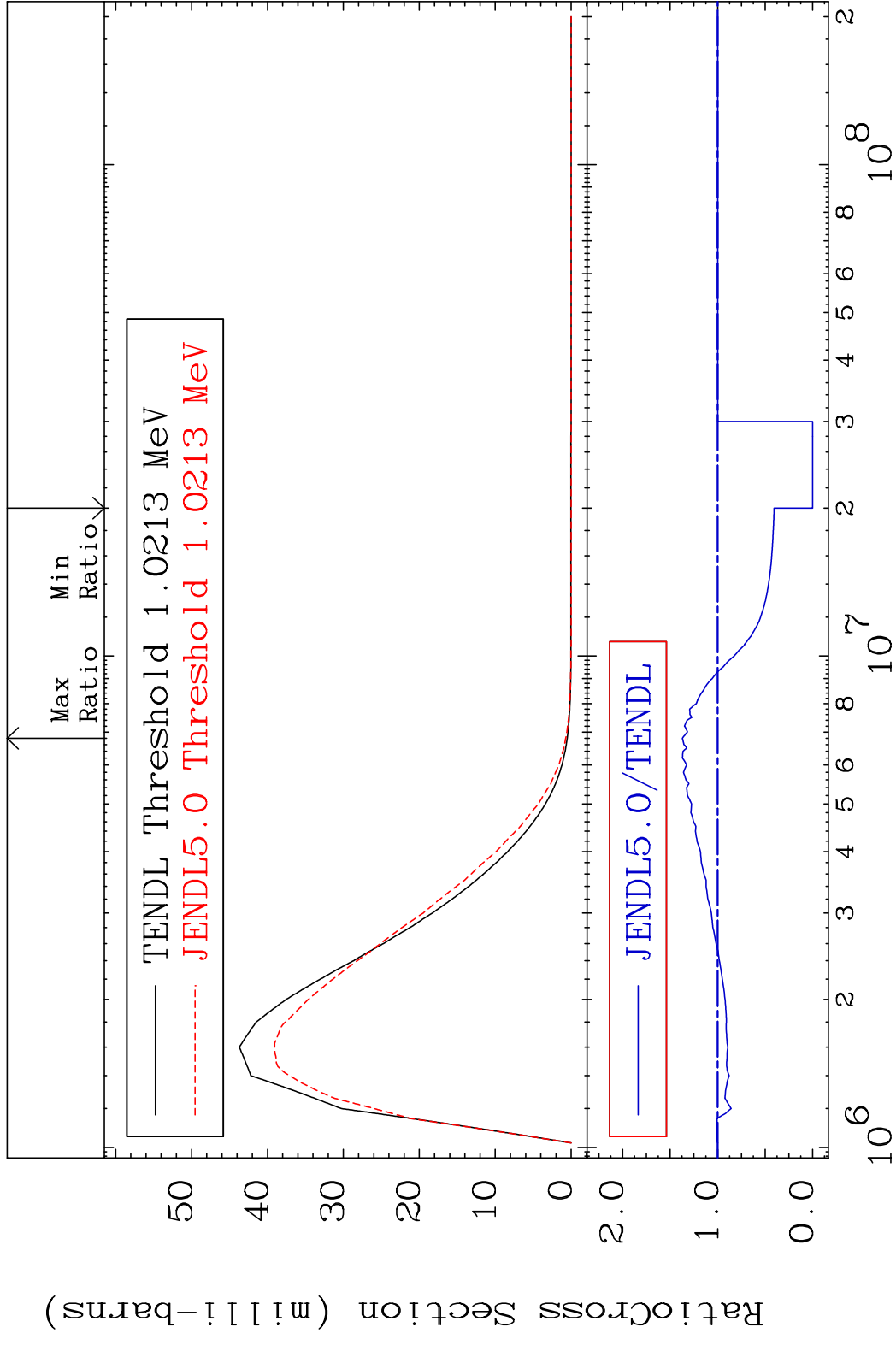


20 33-As-71

MAT 3313 MT= 59 (n, n') Level 33-As-71
 Cross Section -100.0 To 381.0 %

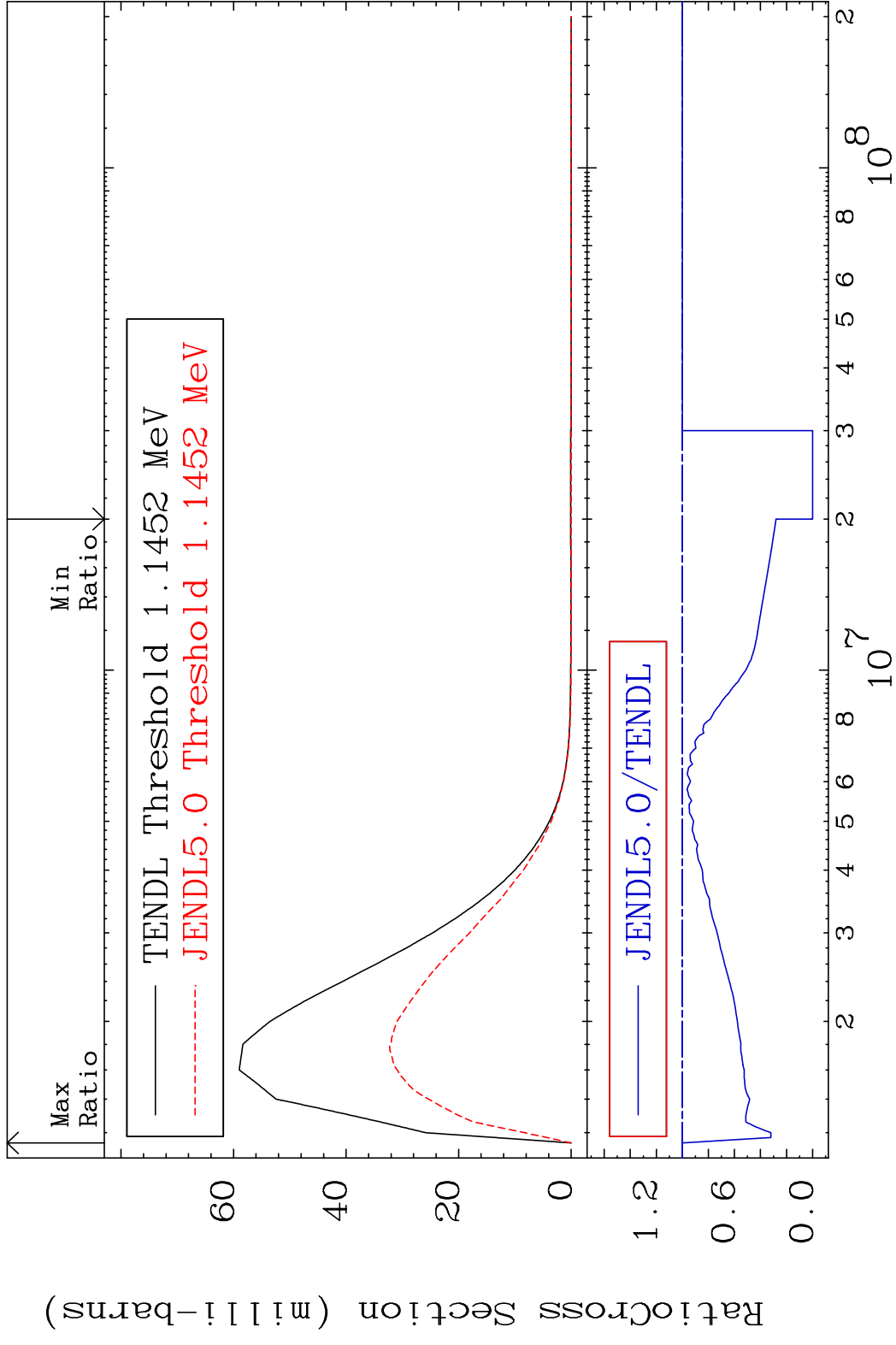


MAT 3313 MT= 60 (n, n') Level 33-As-71
 Cross Section -100.0 To 37.16 %

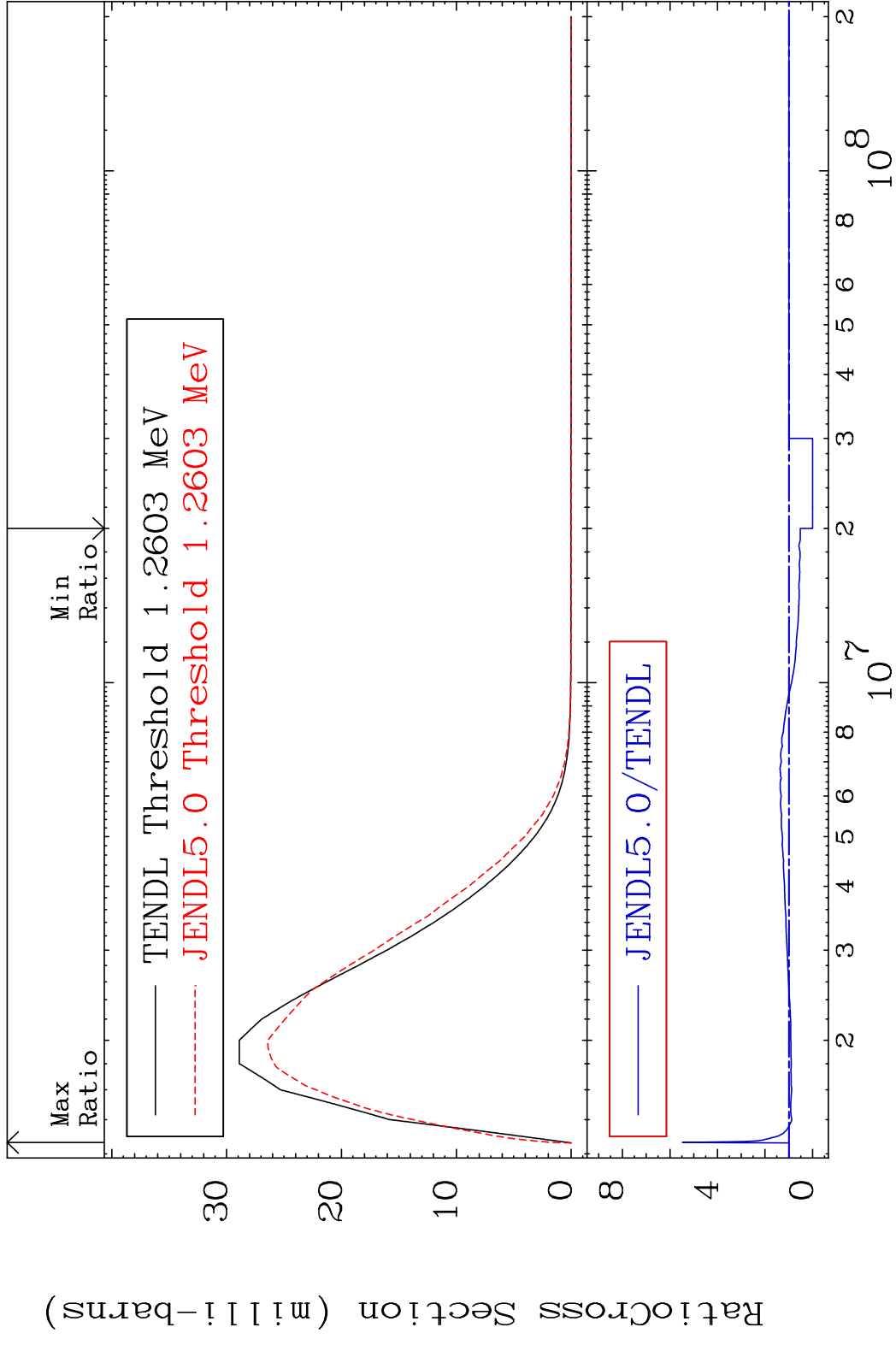


22 Incident Energy (eV) 33-As-71

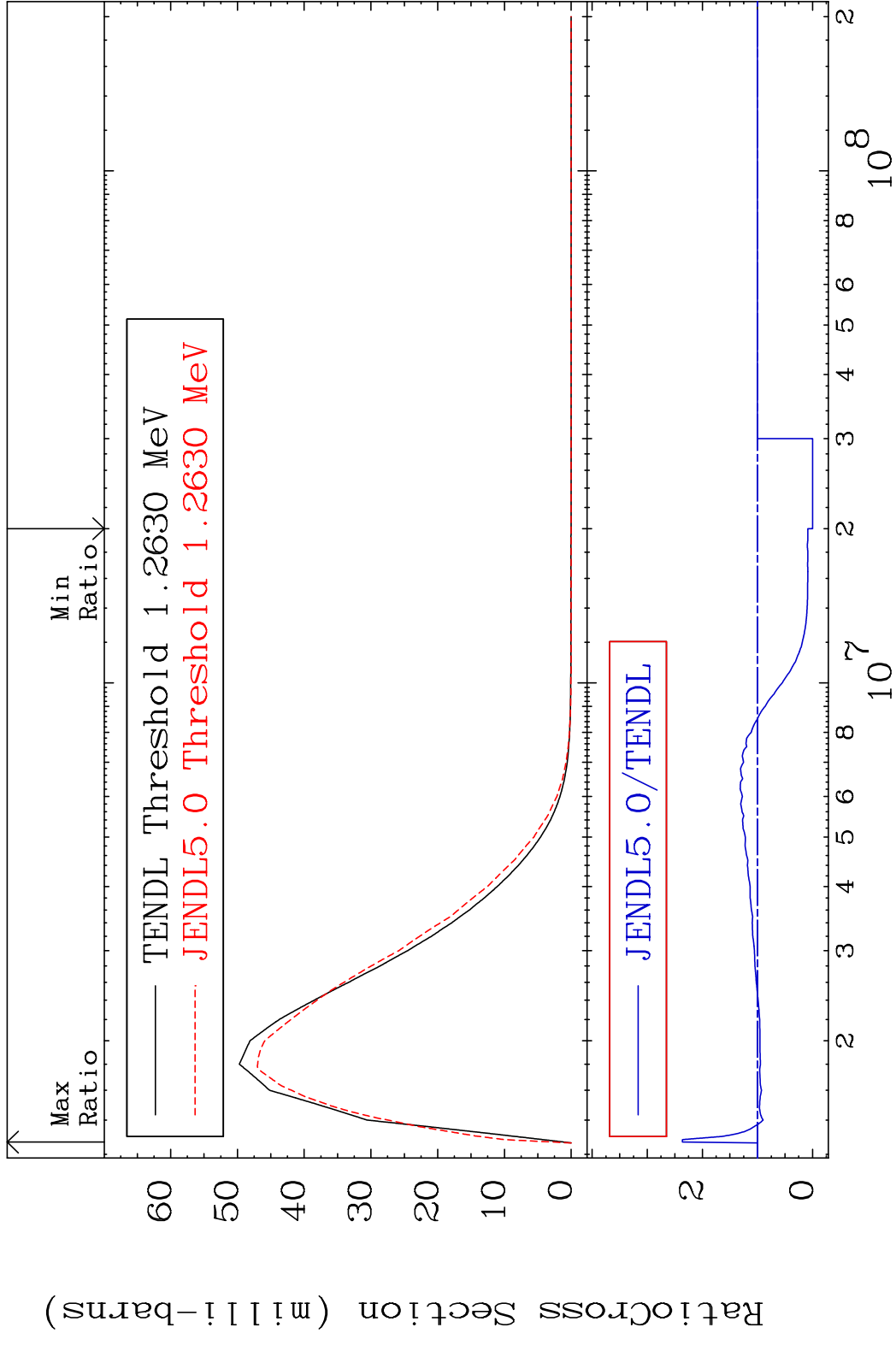
MAT 3313 MT= 61 (n, n') Level 33-As-71
 Cross Section -100.0 To 0.000 %



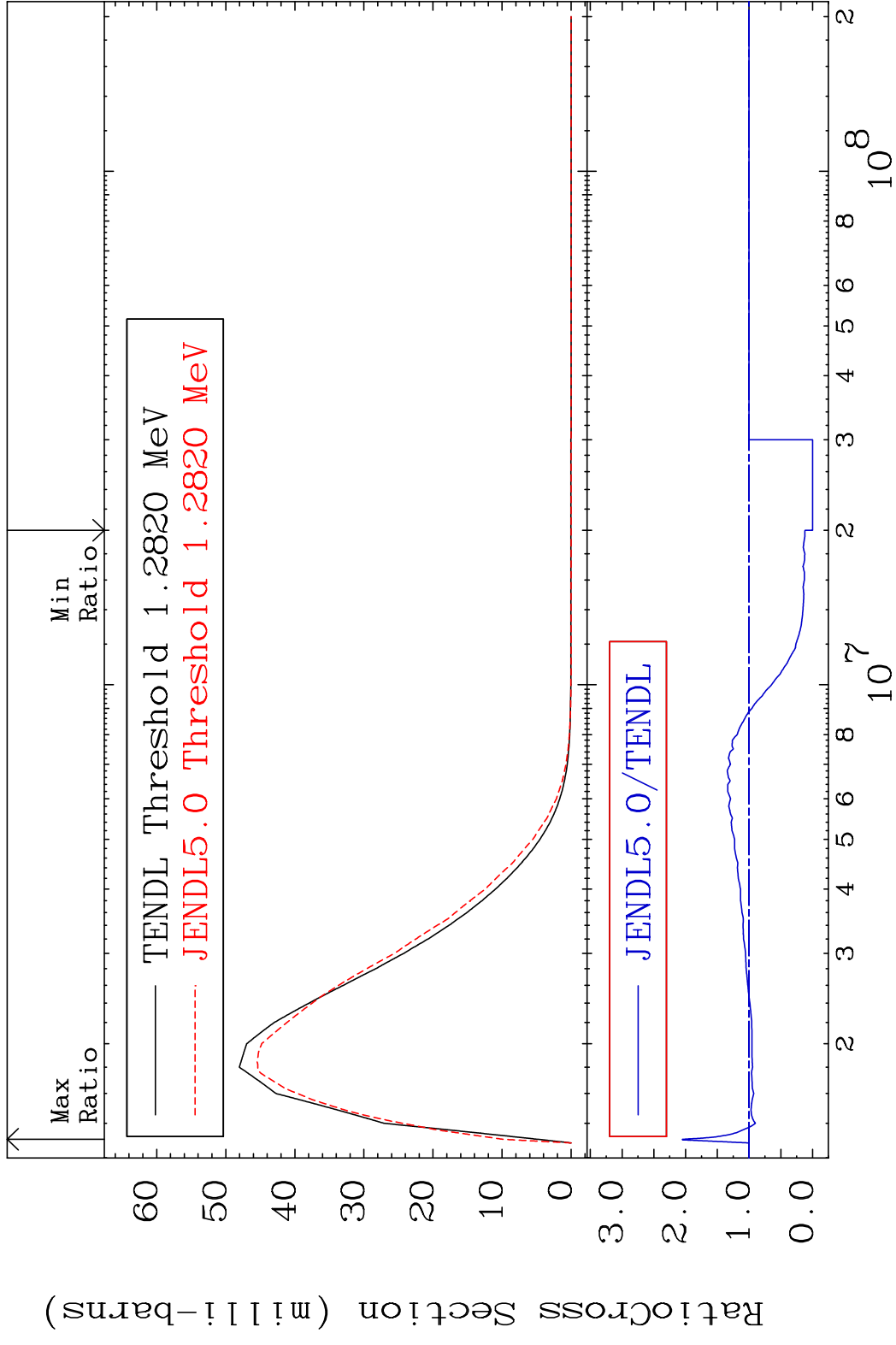
MAT 3313 MT= 62 (n, n') Level 33-As-71
 Cross Section -100.0 To 447.9 %



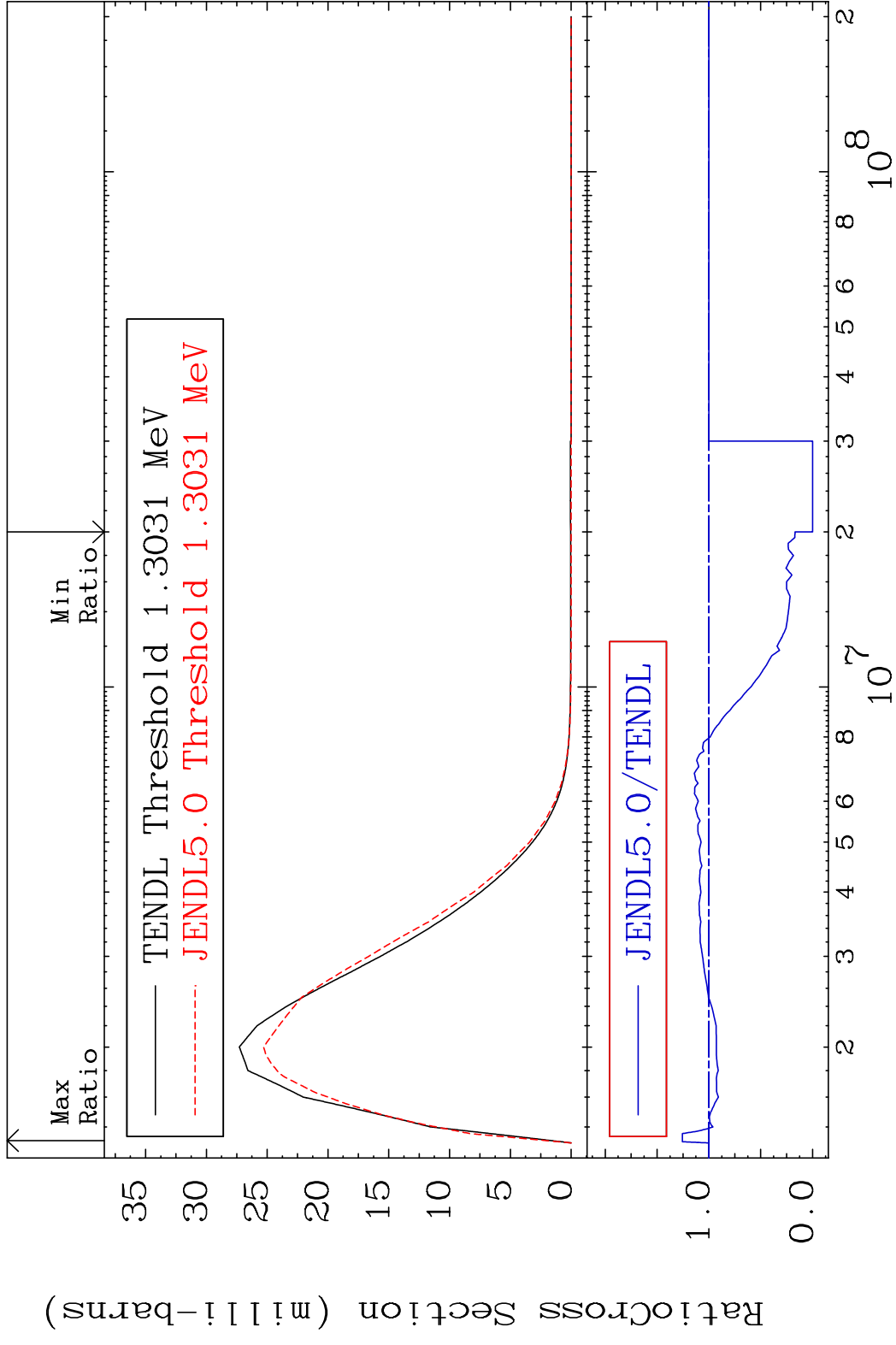
MAT 3313 MT= 63 (n, n') Level 33-As-71
 Cross Section -100.0 To 136.3 %



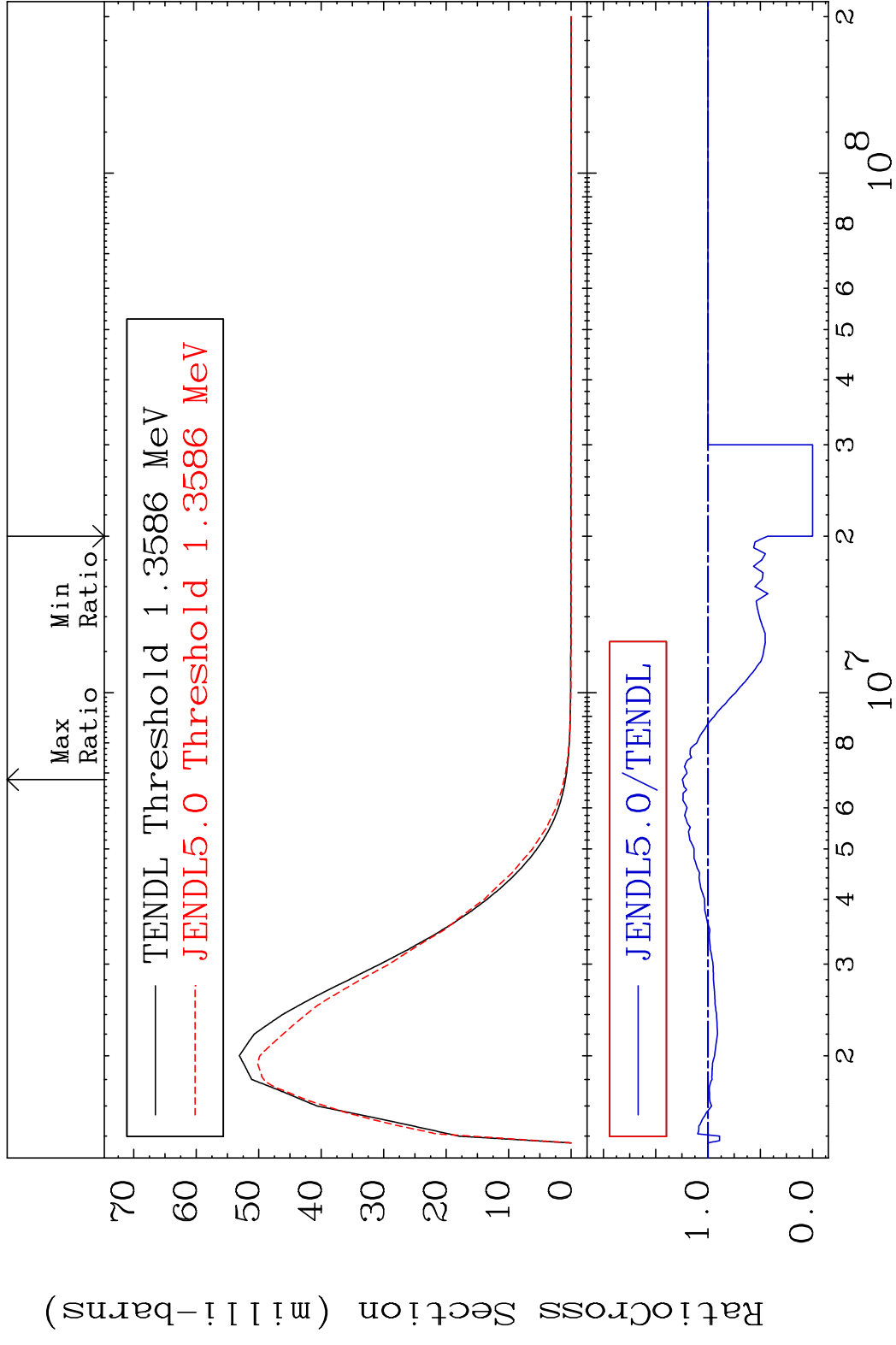
MAT 3313 MT= 64 (n, n') Level 33-As-71
 Cross Section -100.0 To 105.1 %



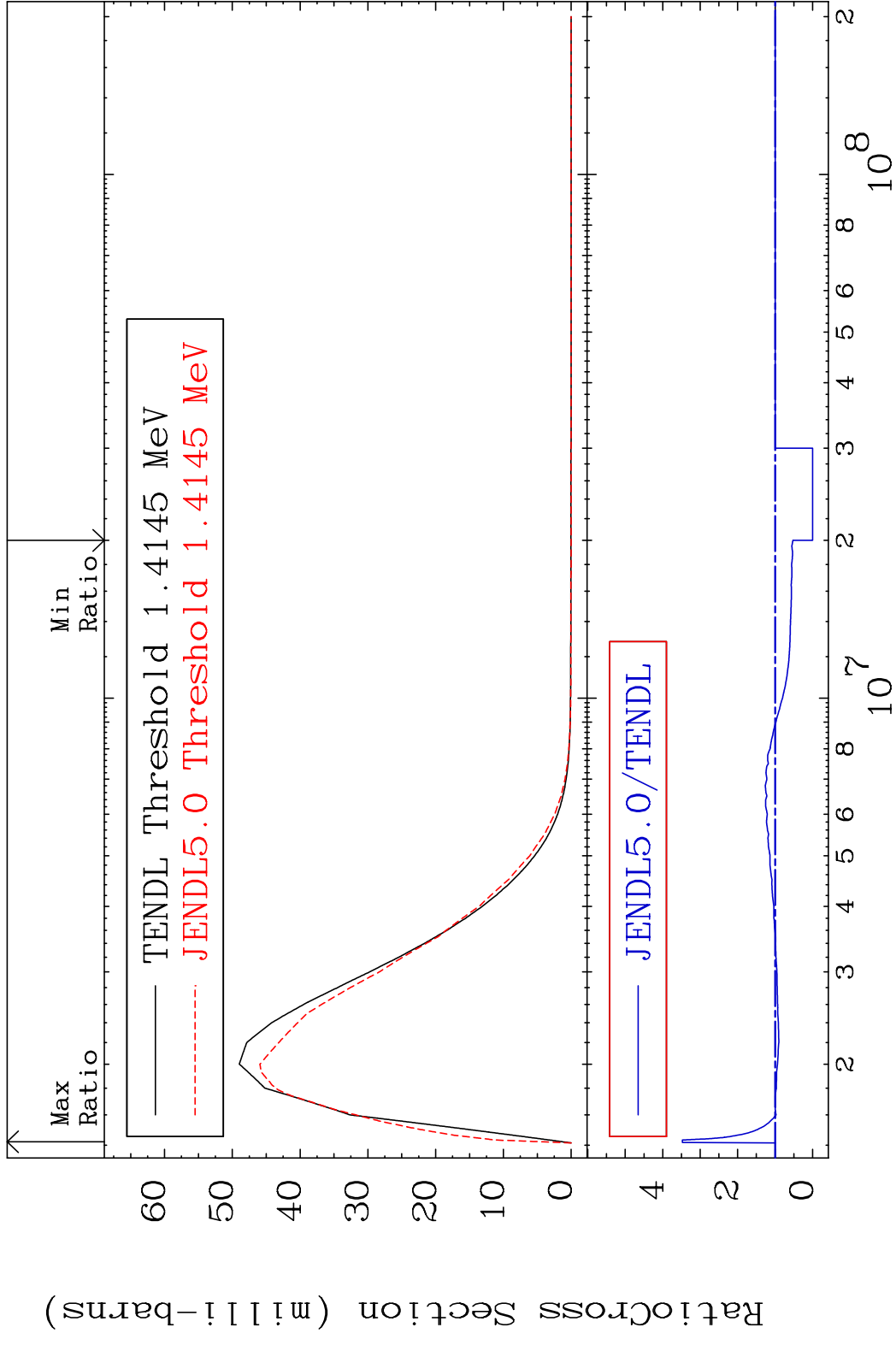
MAT 3313 MT= 65 (n, n') Level 33-As-71
 Cross Section -100.0 To 25.59 %



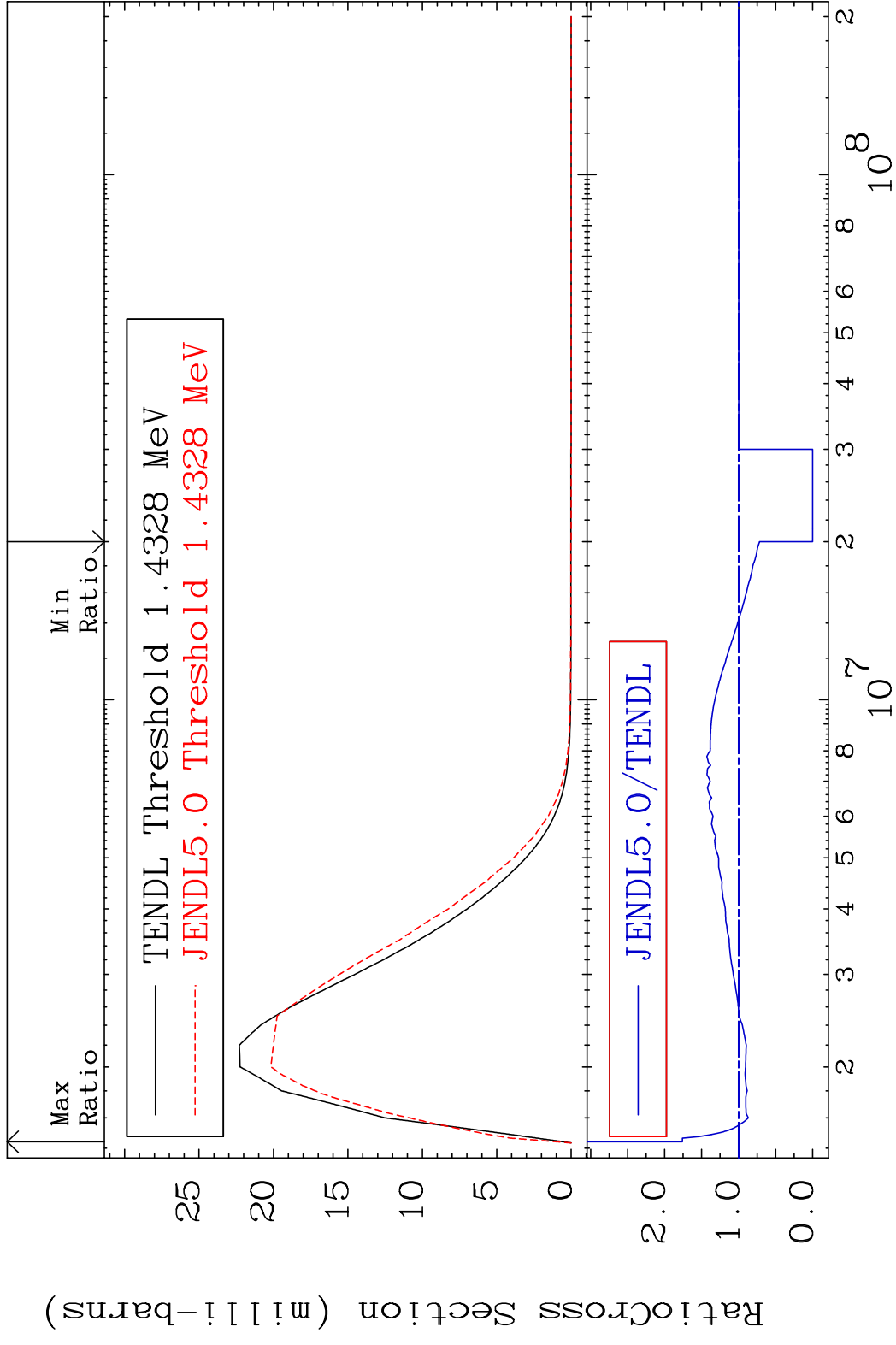
MAT 3313 MT= 66 (n, n') Level 33-As-71
 Cross Section -100.0 To 24.57 %



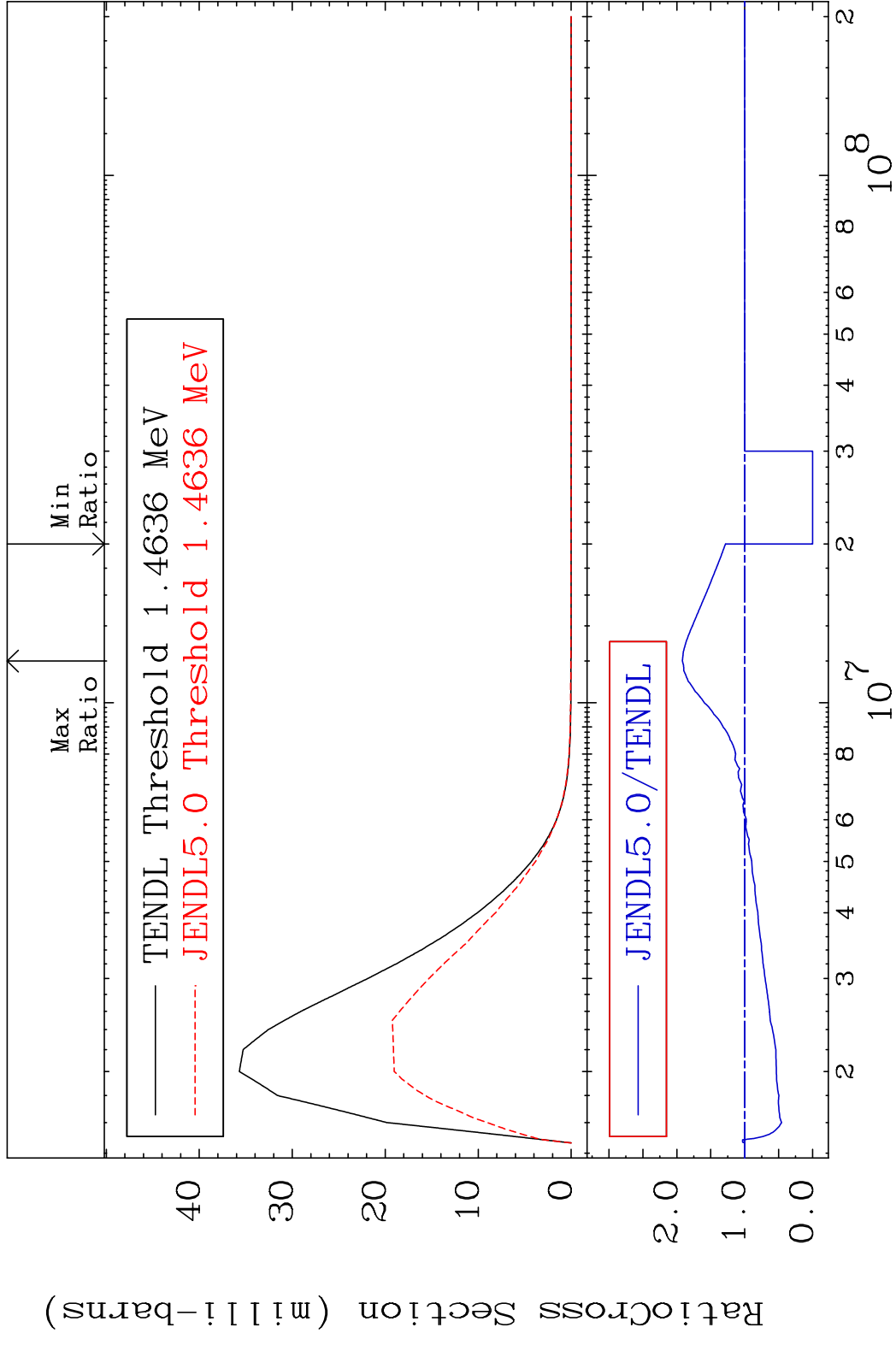
MAT 3313 MT= 67 (n, n') Level 33-As-71
 Cross Section -100.0 To 247.6 %



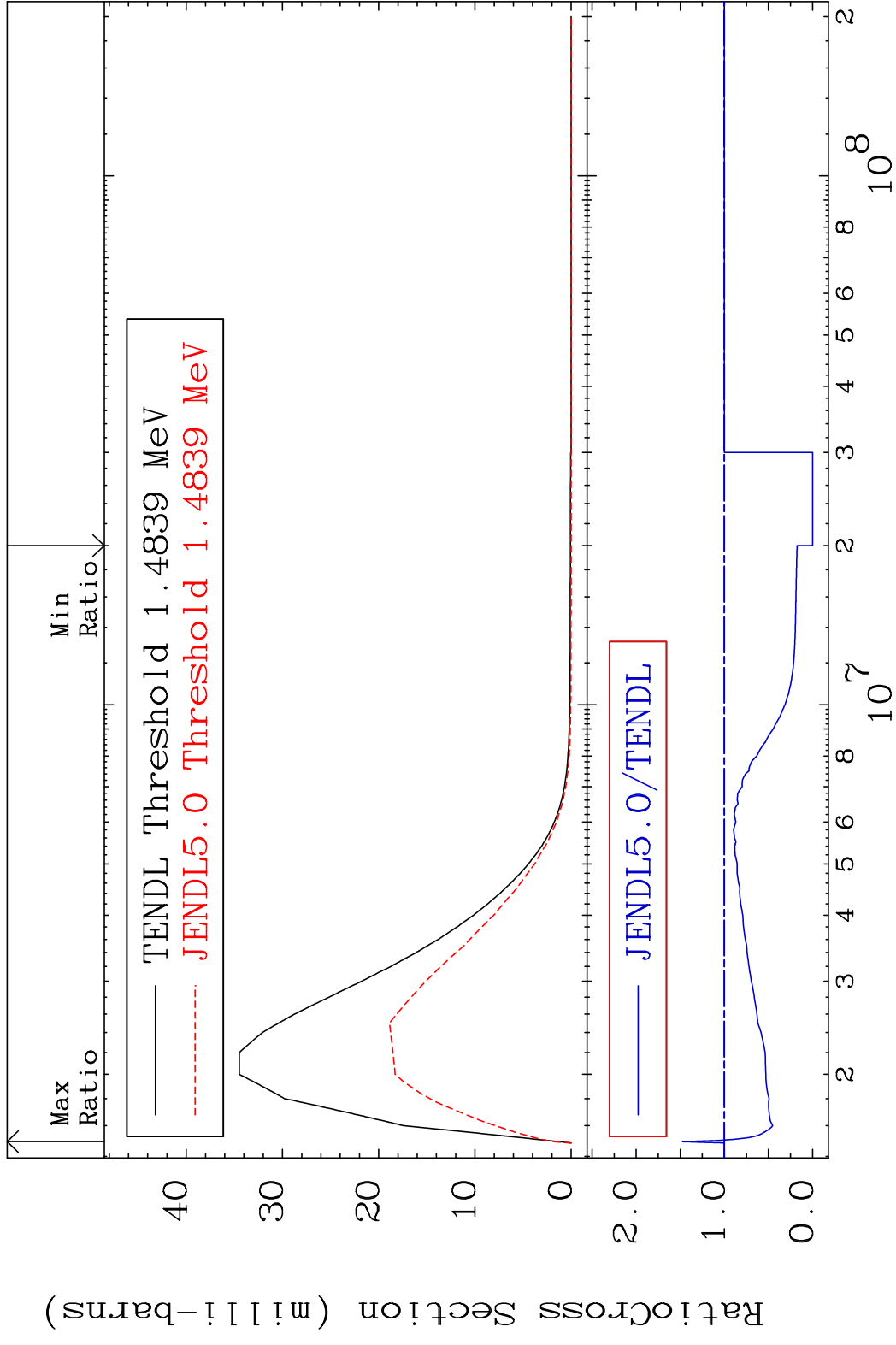
MAT 3313 MT= 68 (n, n') Level 33-As-71
 Cross Section -100.0 To 76.07 %



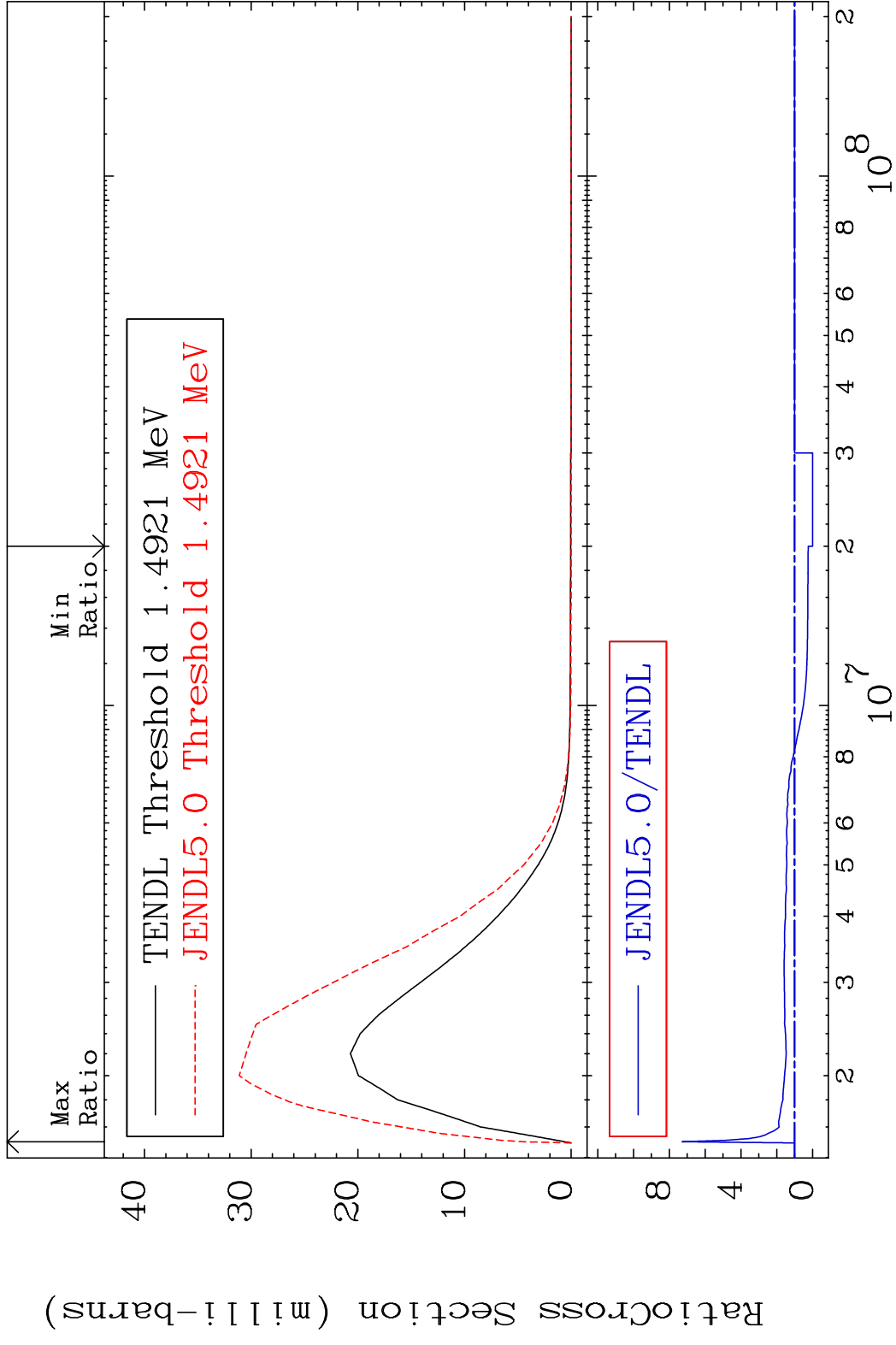
MAT 3313 MT= 69 (n, n') Level 33-As-71
 Cross Section -100.0 To 91.84 %



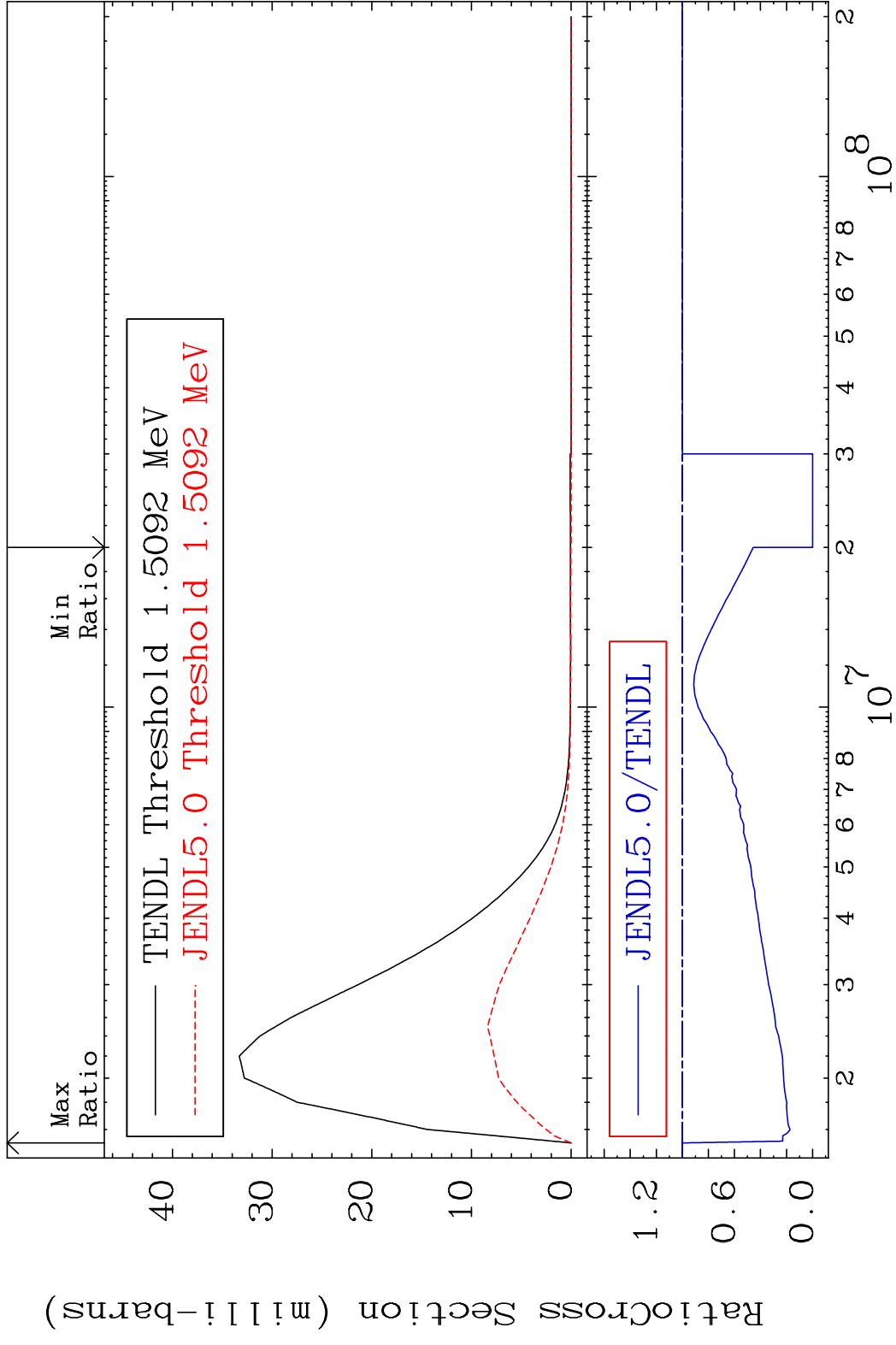
MAT 3313 MT= 70 (n,n') Level 33-As-71
 Cross Section -100.0 To 47.65 %



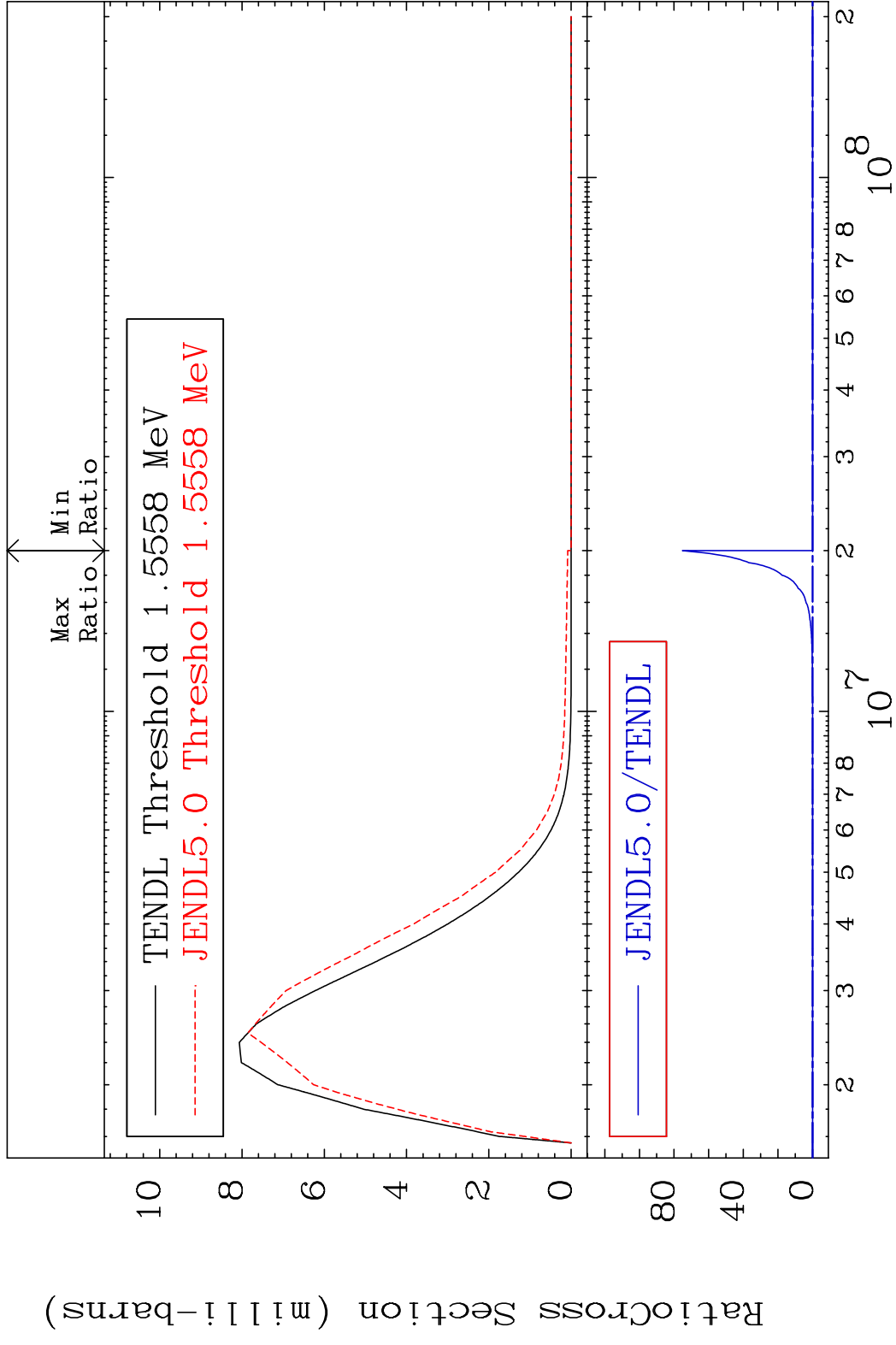
MAT 3313 MT= 71 (n, n') Level 33-As-71
 Cross Section -100.0 To 627.3 %



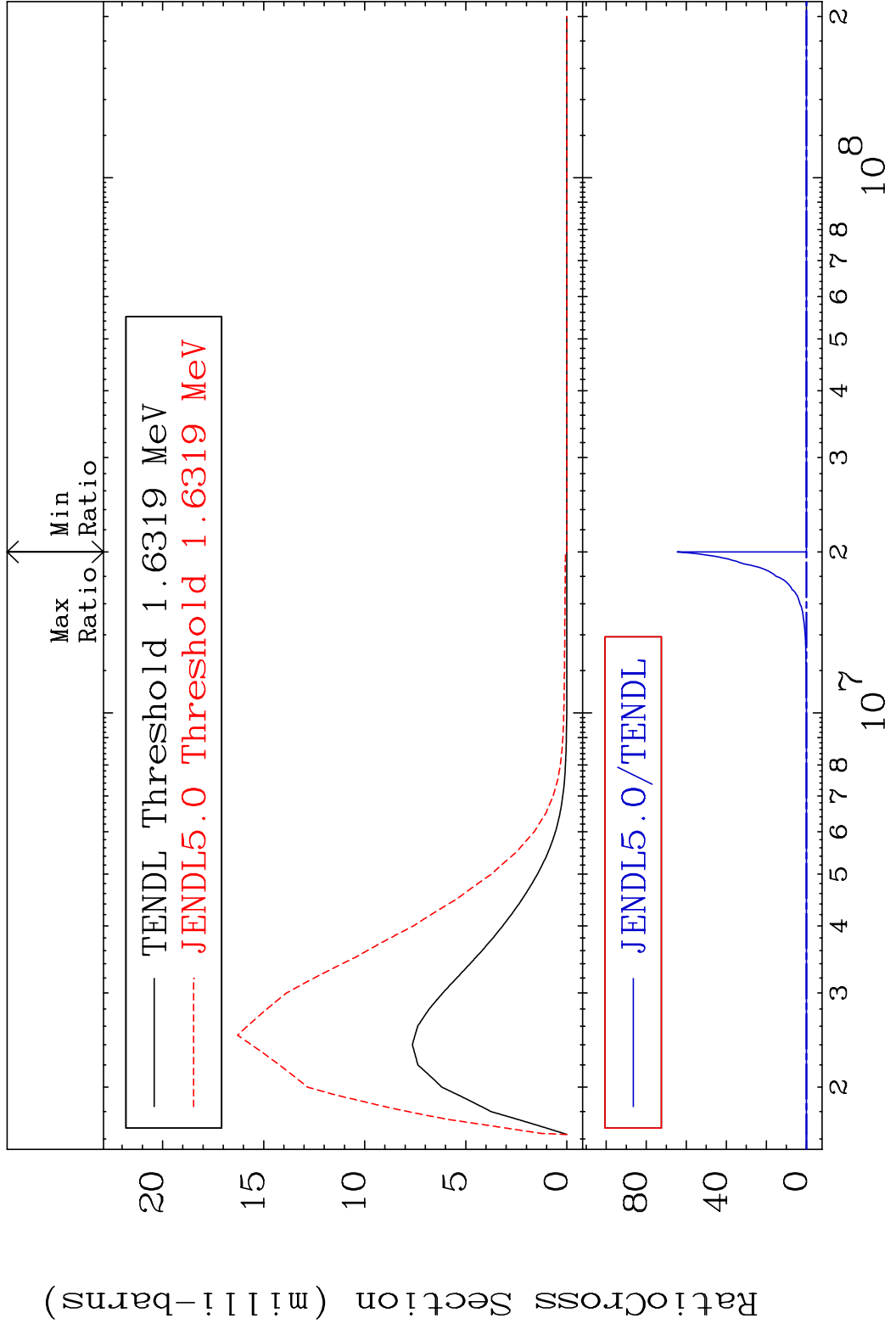
MAT 3313 MT= 72 (n, n') Level 33-As-71
 Cross Section -100.0 To 0.000 %



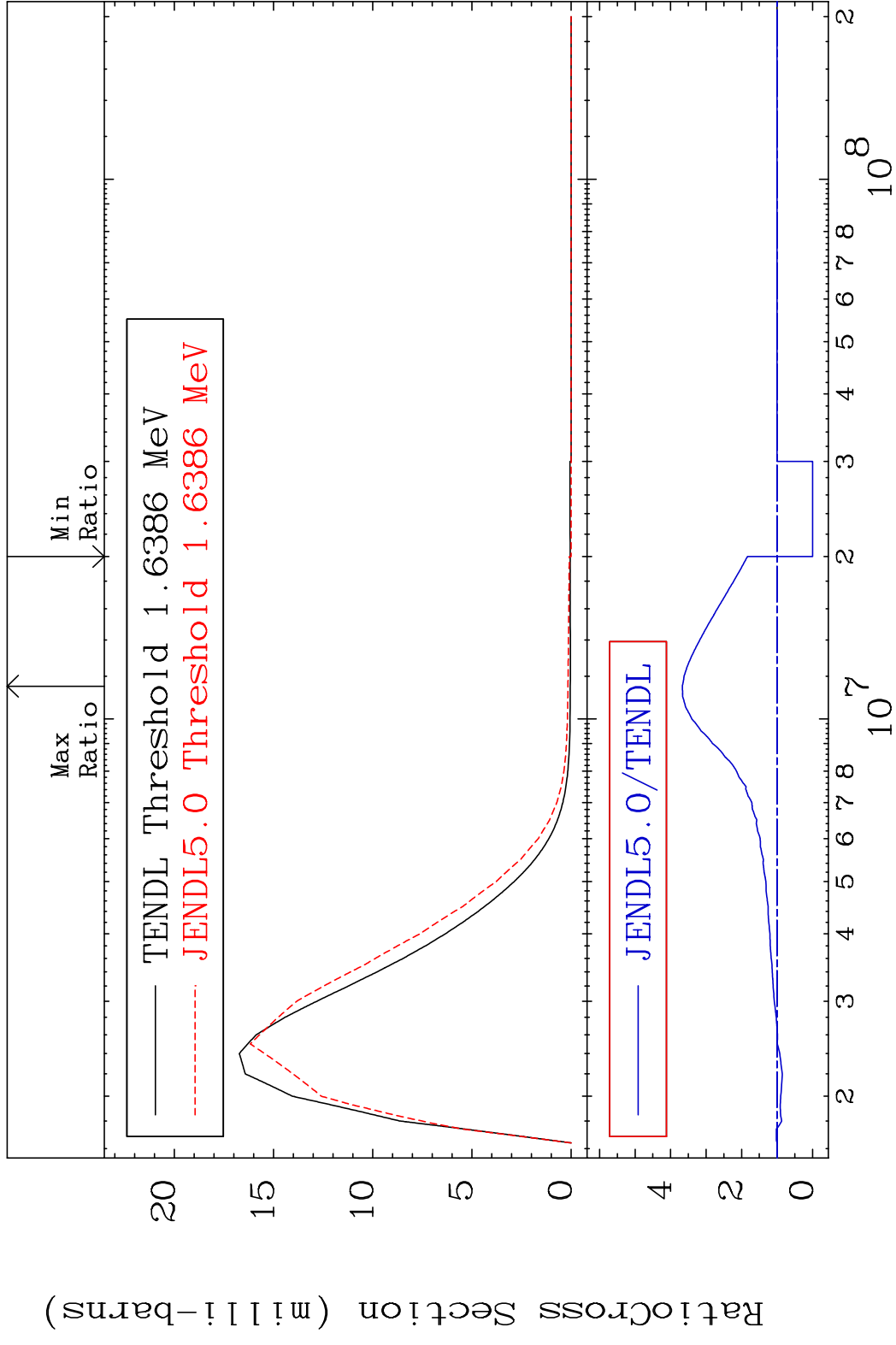
MAT 3313 MT= 73 (n, n') Level 33-As-71
 Cross Section -100.0 To 9999. %



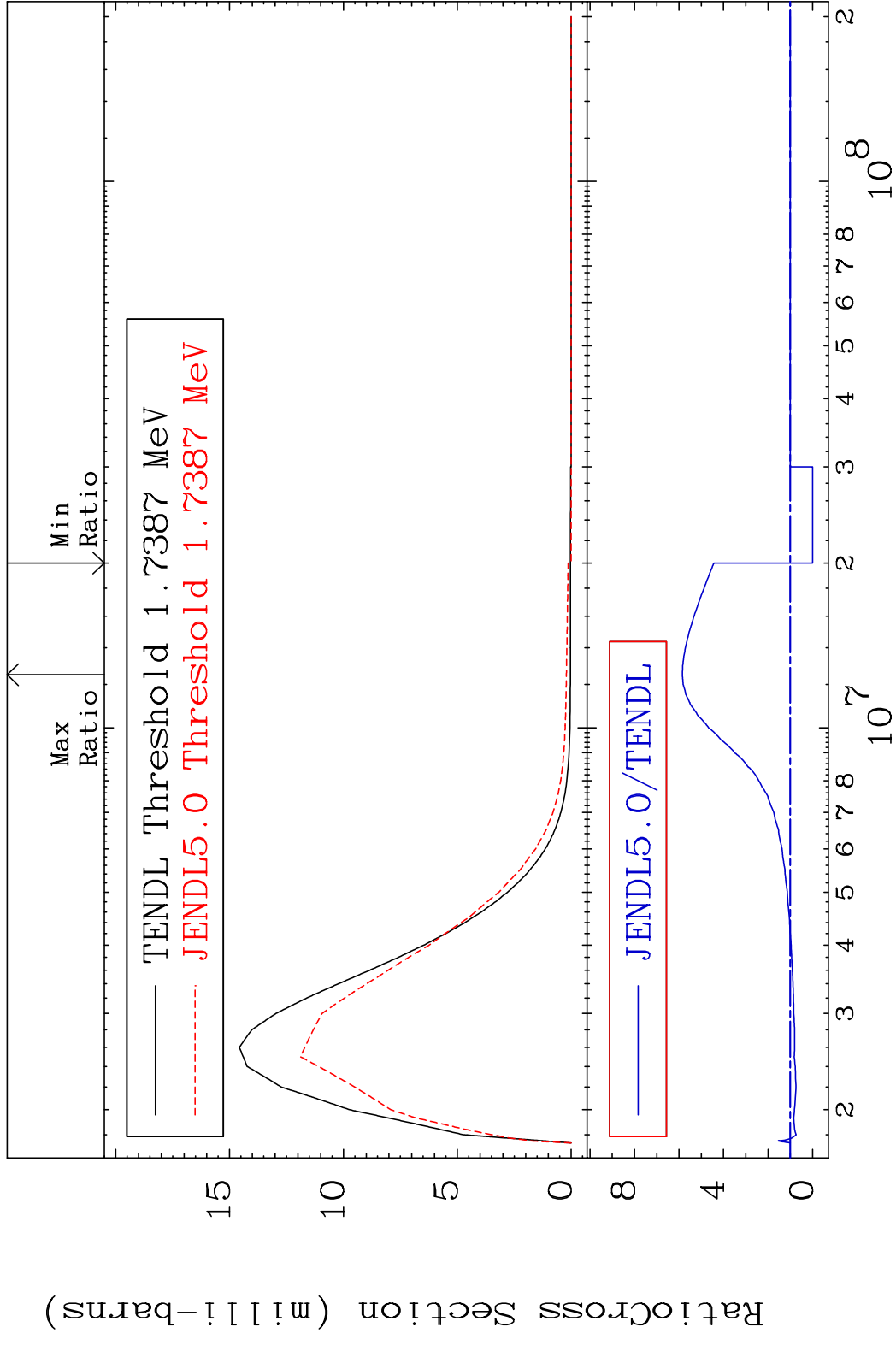
MAT 3313 MT= 74 (n, n') Level 33-As-71
 Cross Section -100.0 To 9999. %



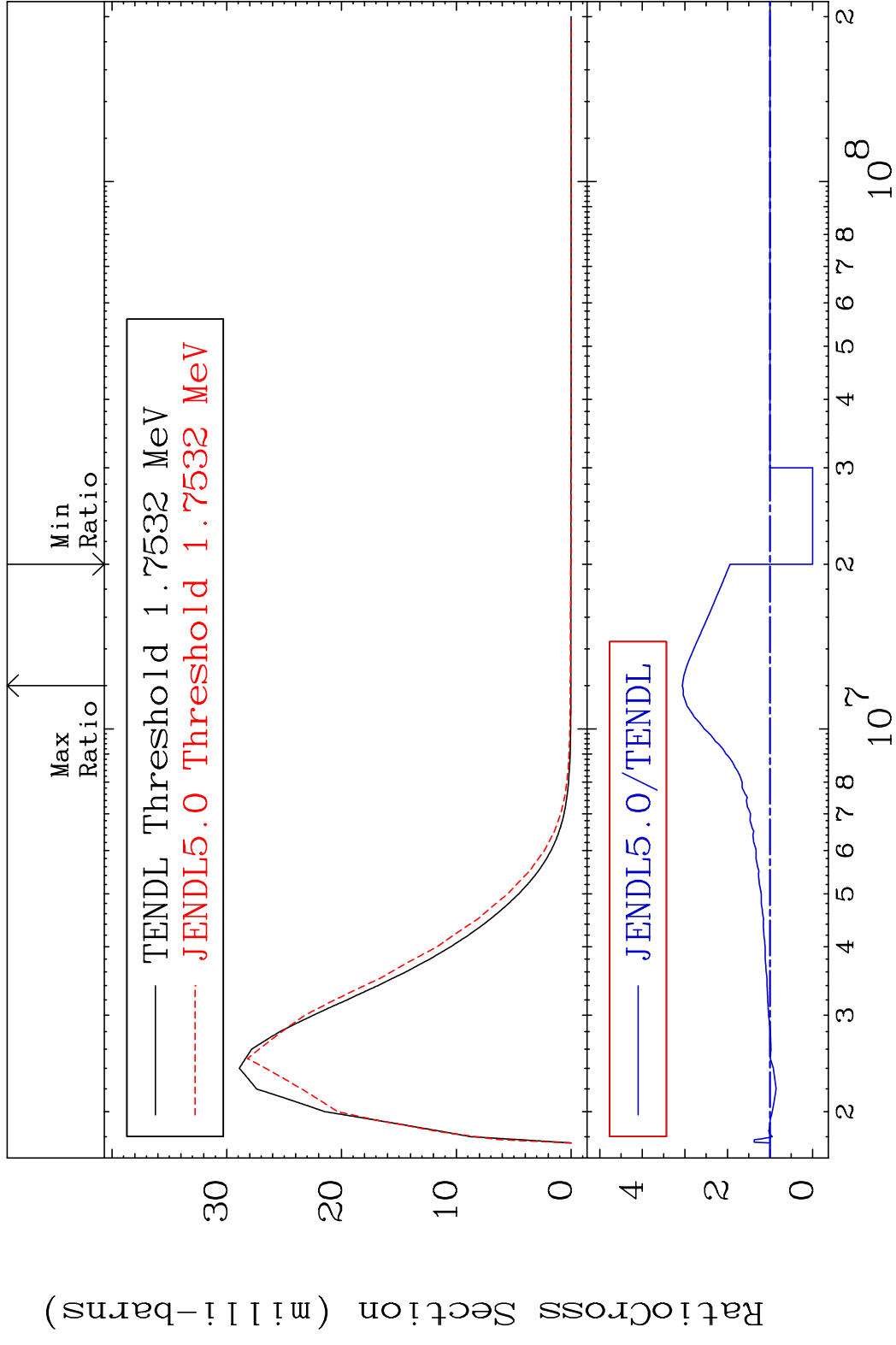
MAT 3313 MT= 75 (n, n') Level 33-As-71
 Cross Section -100.0 To 266.9 %



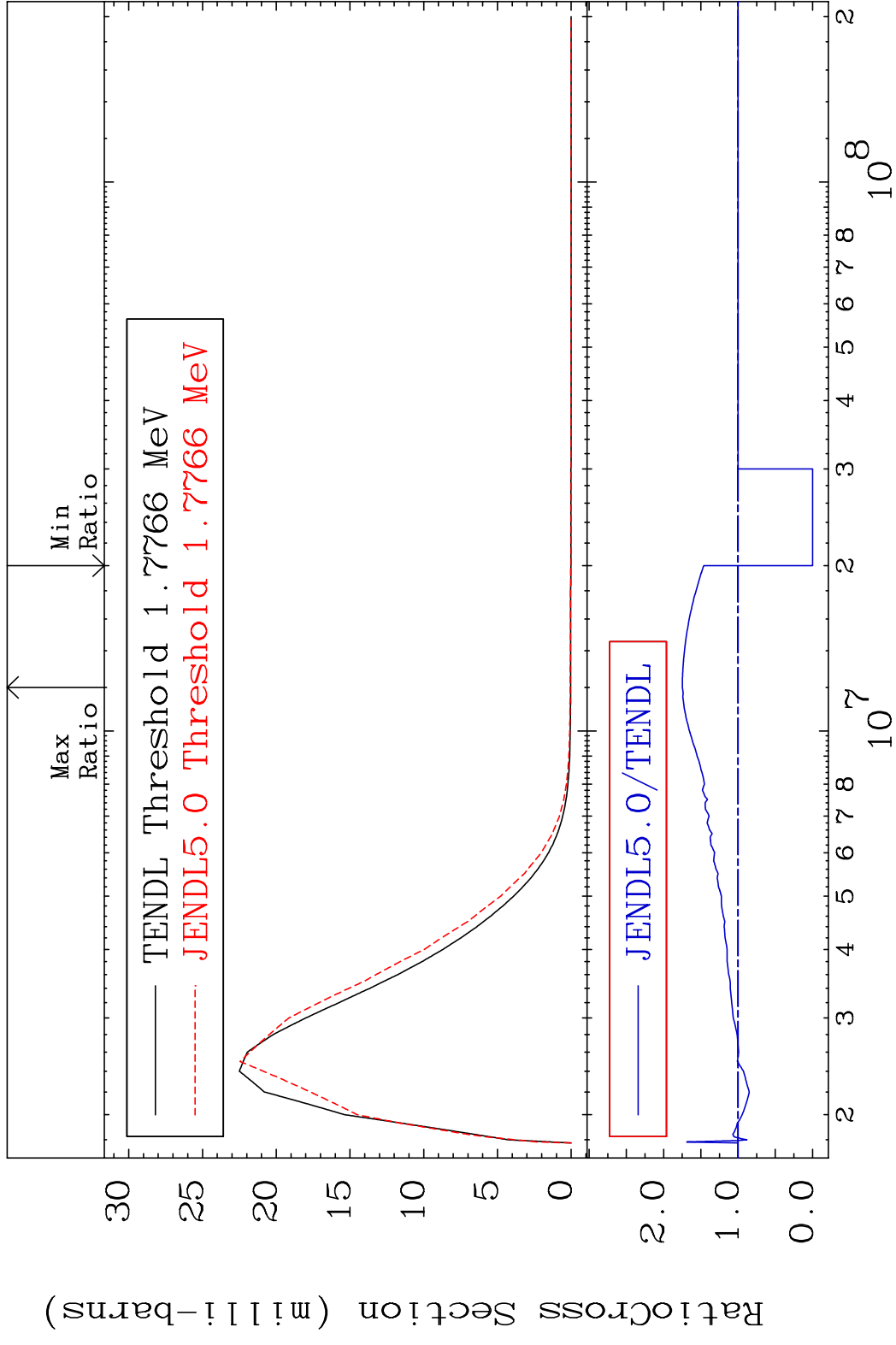
MAT 3313 MT= 76 (n, n') Level 33-As-71
 Cross Section -100.0 To 485.0 %



MAT 3313 MT= 77 (n, n') Level 33-As-71
 Cross Section -100.0 To 206.0 %

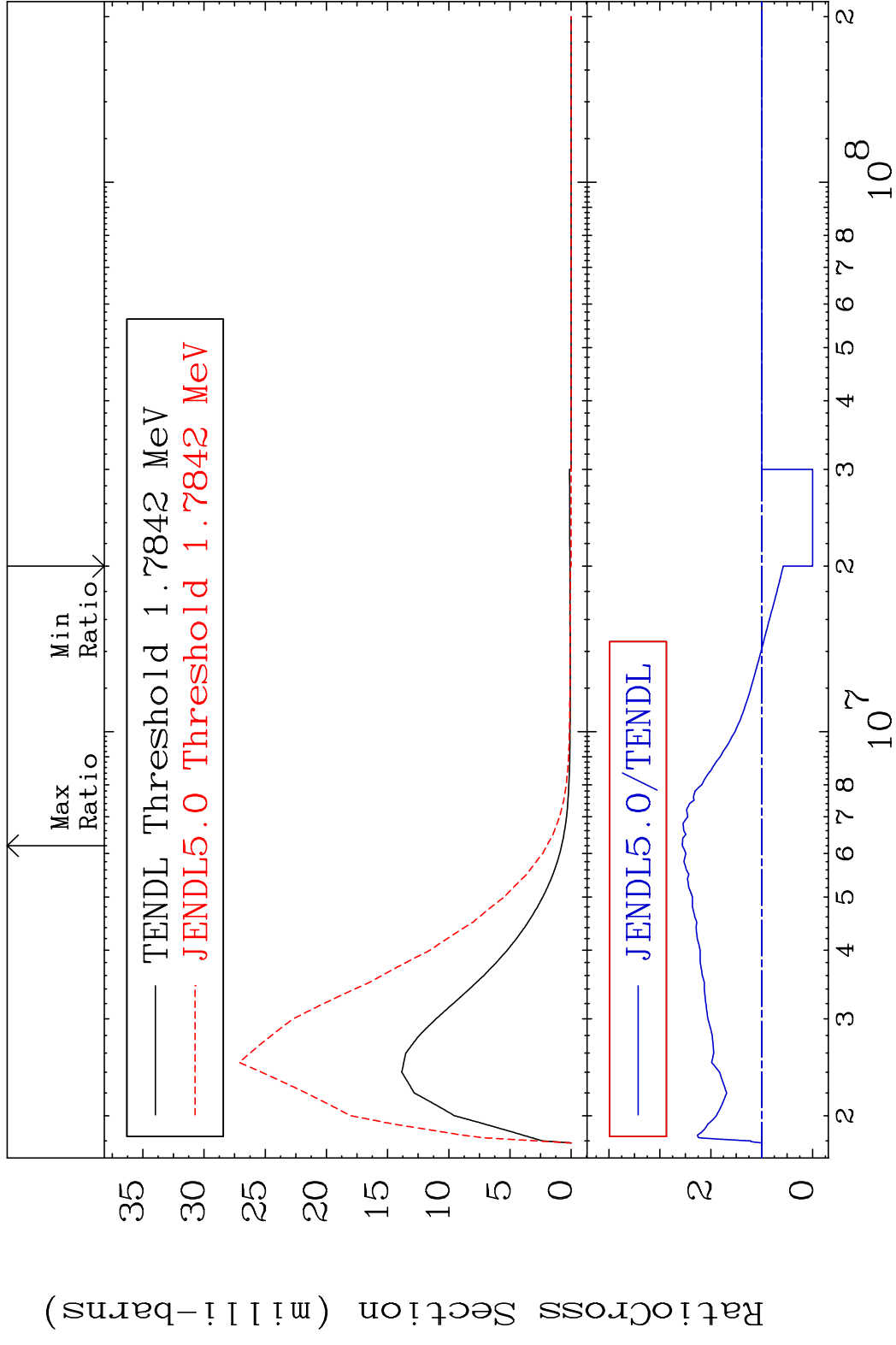


MAT 3313 MT= 78 (n, n') Level 33-As-71
 Cross Section -100.0 To 74.82 %

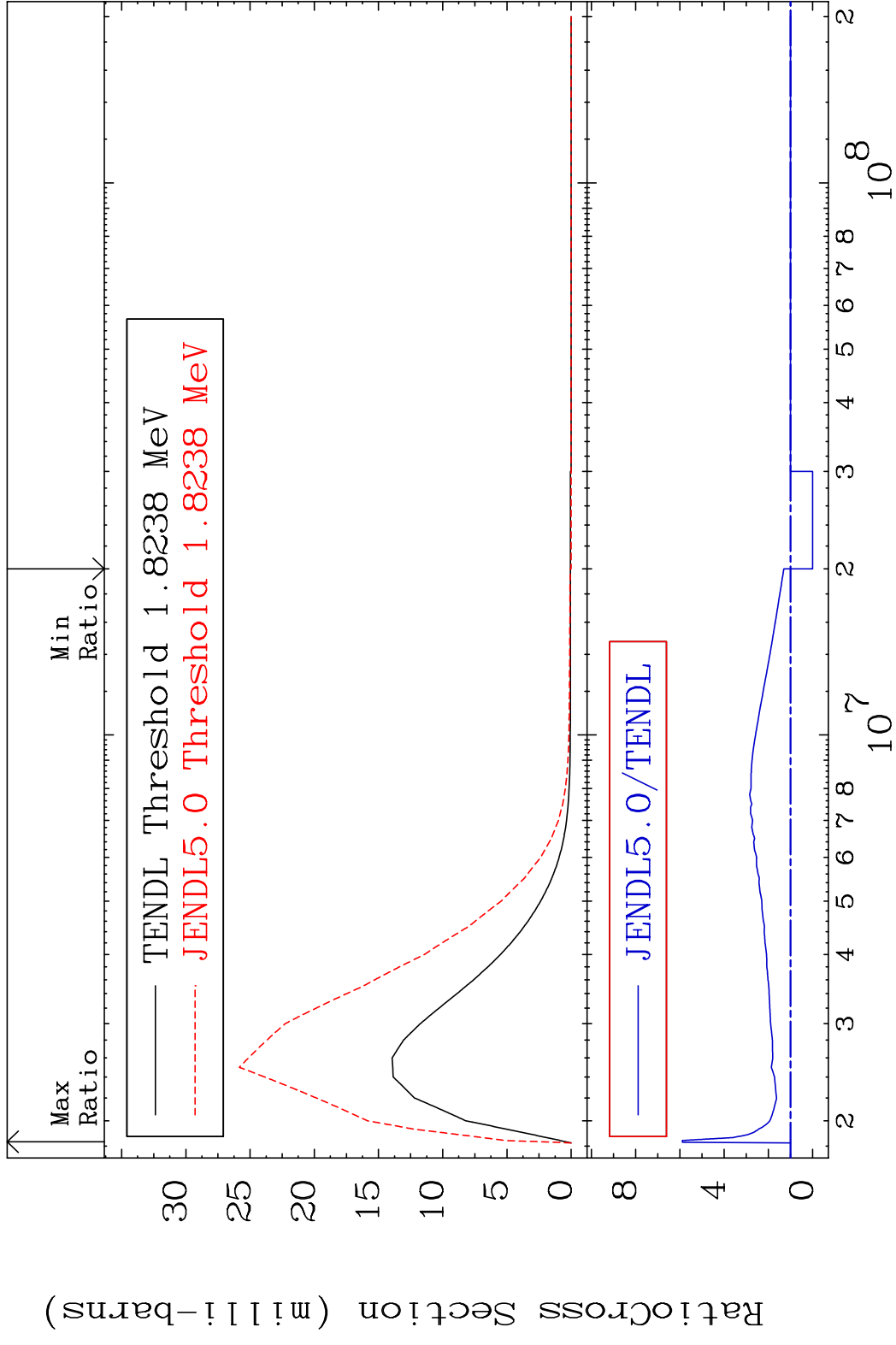


40 Incident Energy (eV) 33-As-71

MAT 3313 MT= 79 (n, n') Level 33-As-71
 Cross Section -100.0 To 155.9 %



MAT 3313 MT= 80 (n, n') Level 33-As-71
 Cross Section -100.0 To 488.4 %



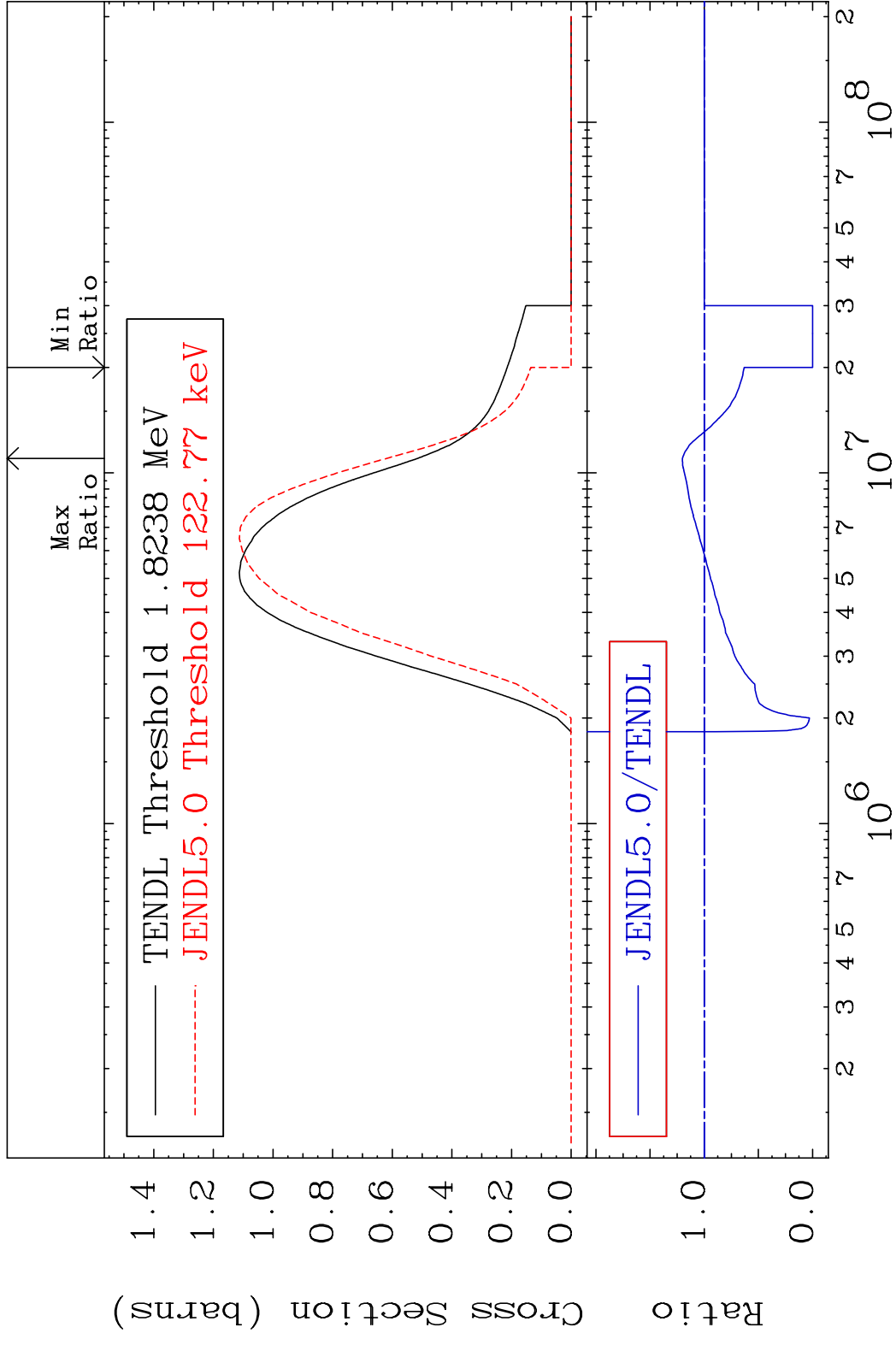
42 Incident Energy (eV) 33-As-71

MAT 3313

(n, n') Continuum

33-As-71

Cross Section -100.0 To 20.20 %

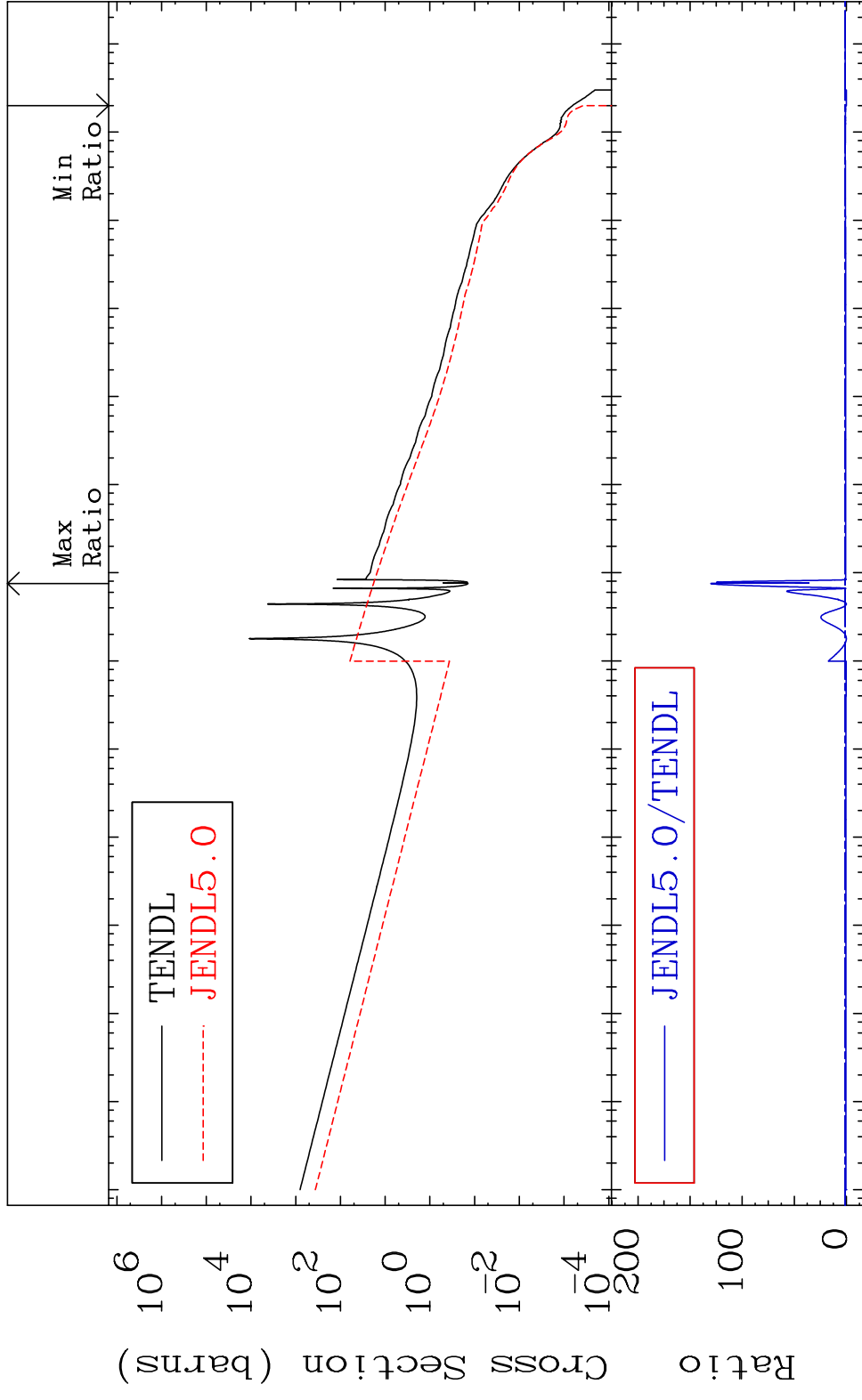


MAT 3313

(n, γ)

33-As-71

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

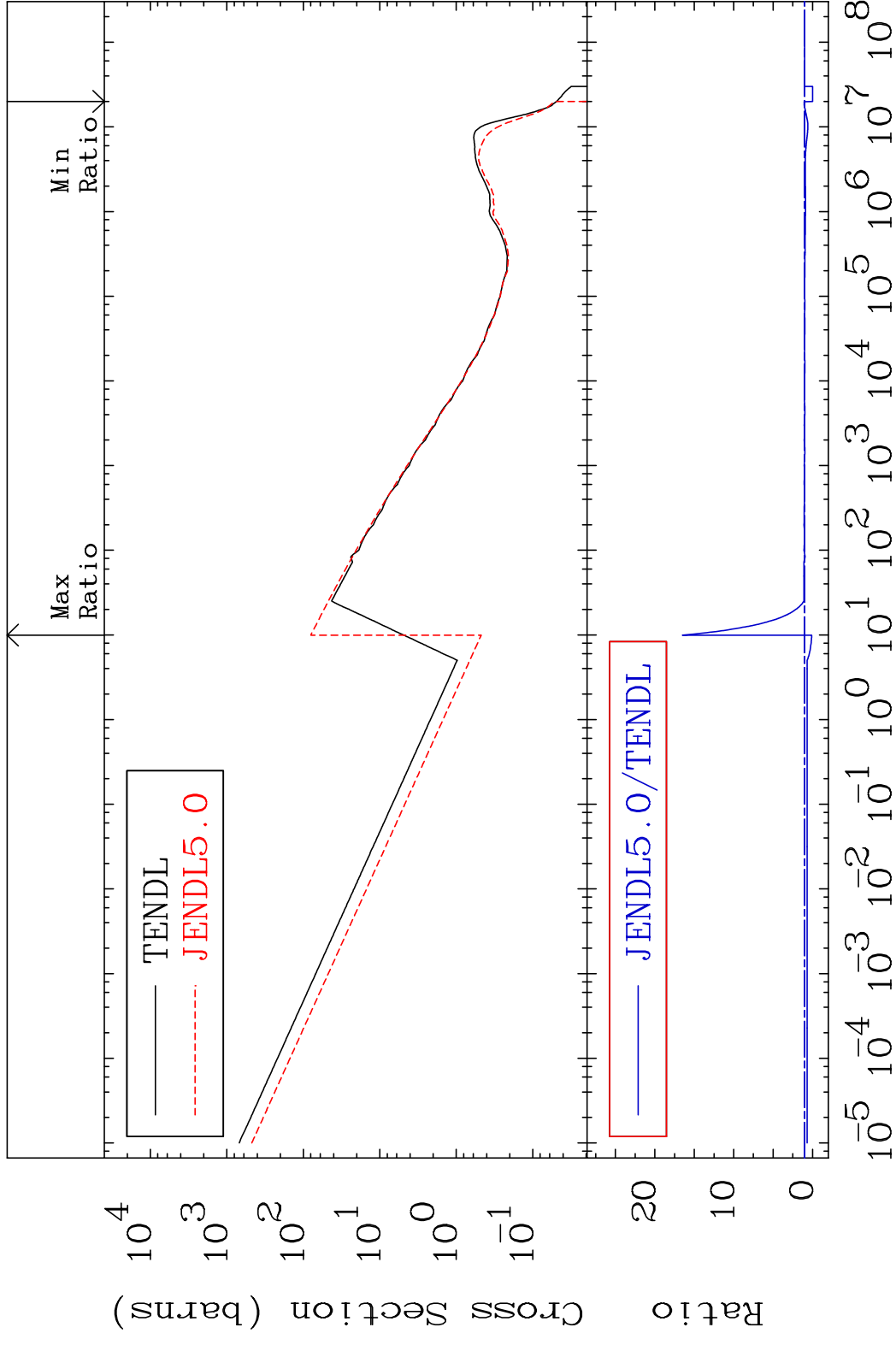
33-As-71

MAT 3313

(n, p)

33-As-71

Cross Section -100.0 To 1551. %



45

Incident Energy (eV)

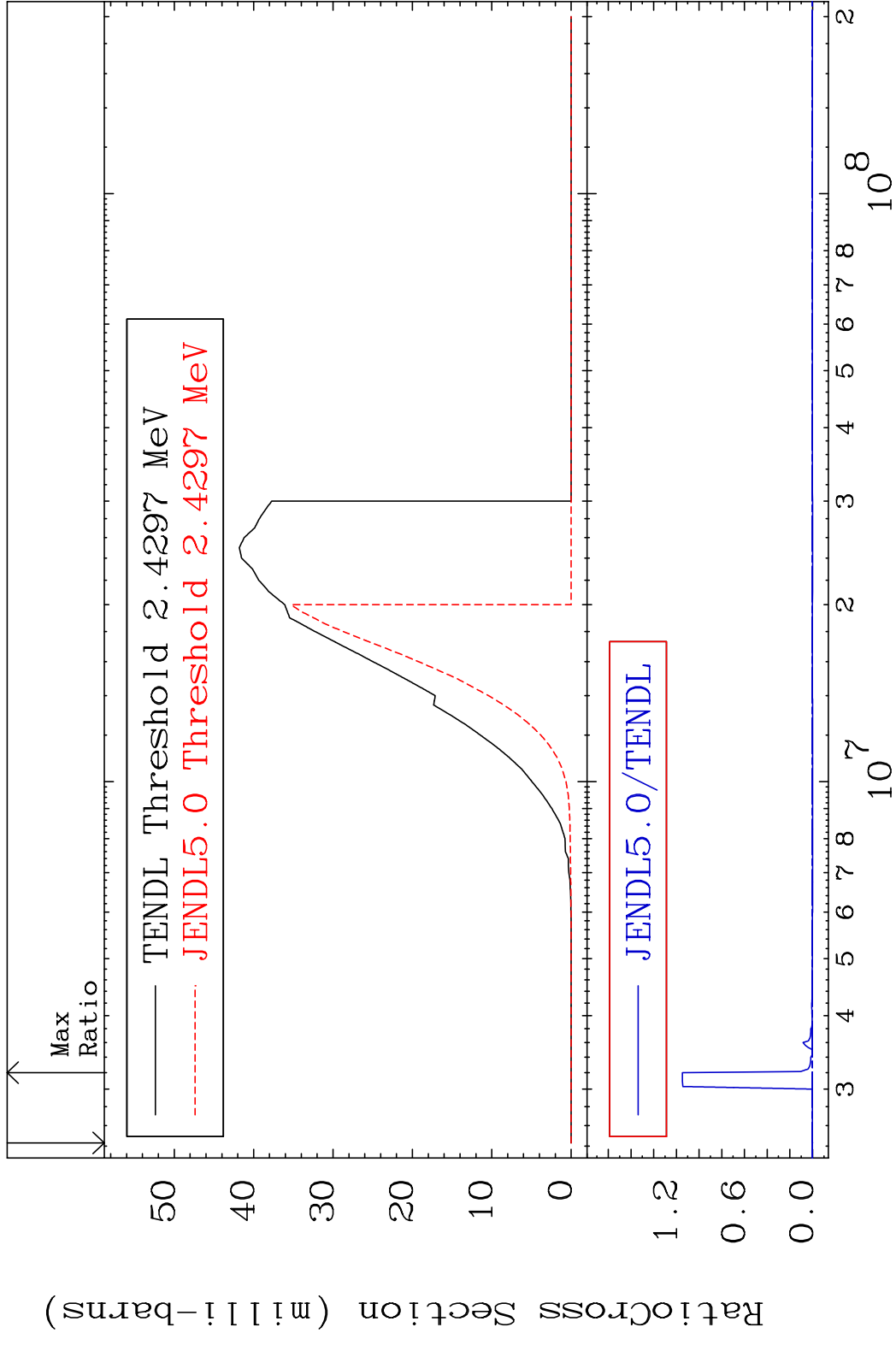
33-As-71

MAT 3313

(n, d)

33-As-71

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

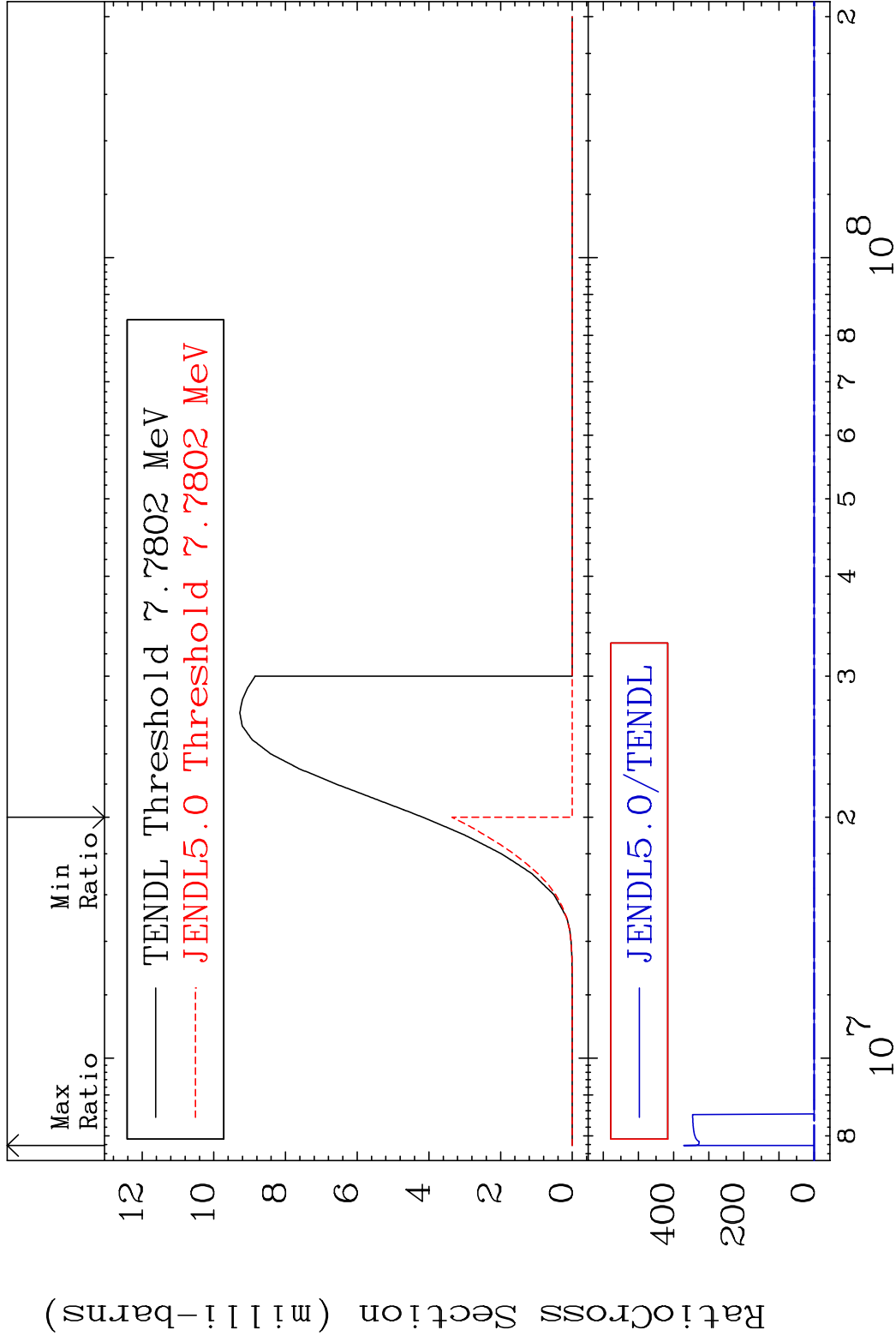
33-As-71

MAT 3313

(n, t)

33-As-71

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

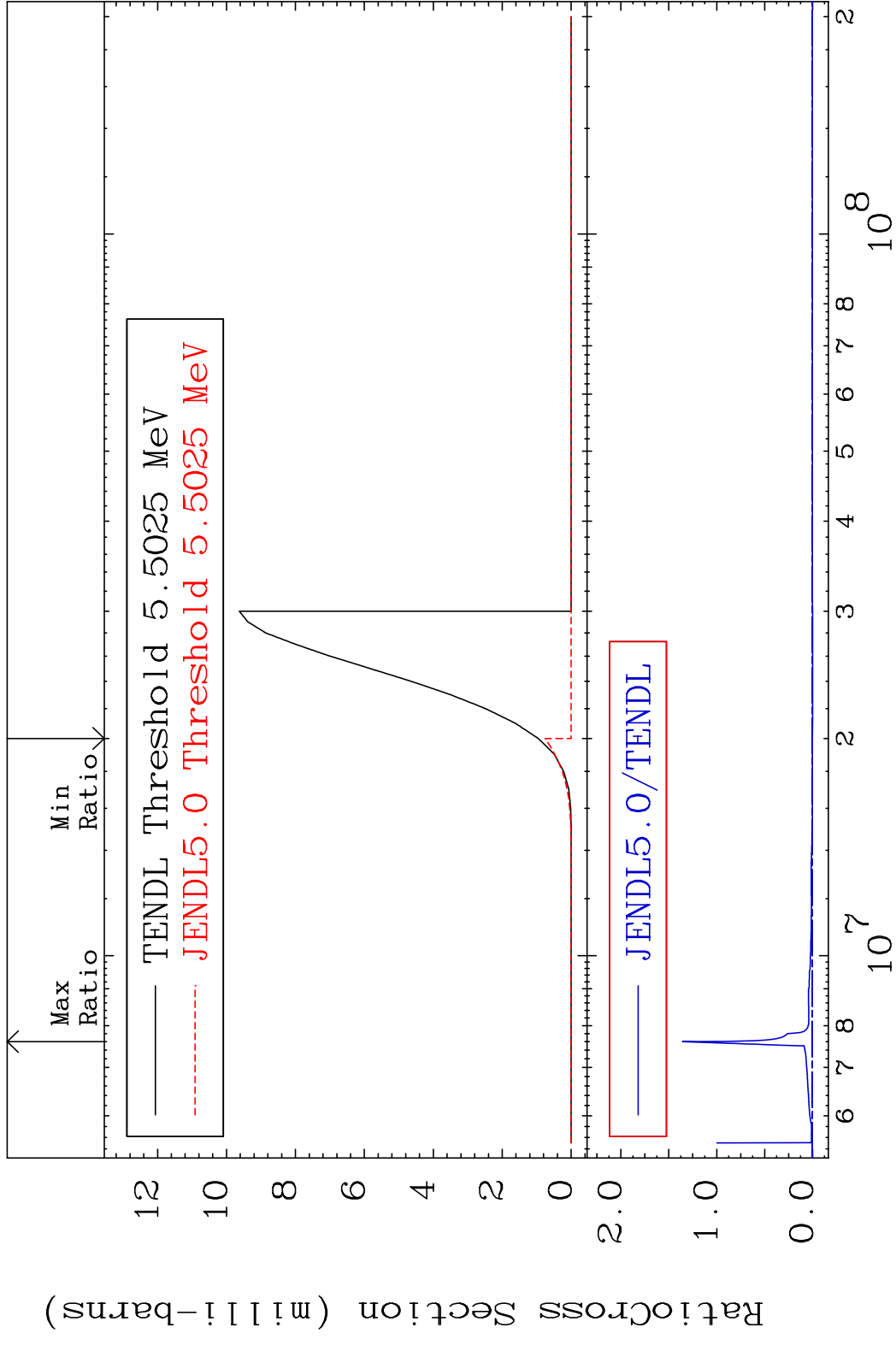
33-As-71

MAT 3313

(n, He-3)

33-As-71

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

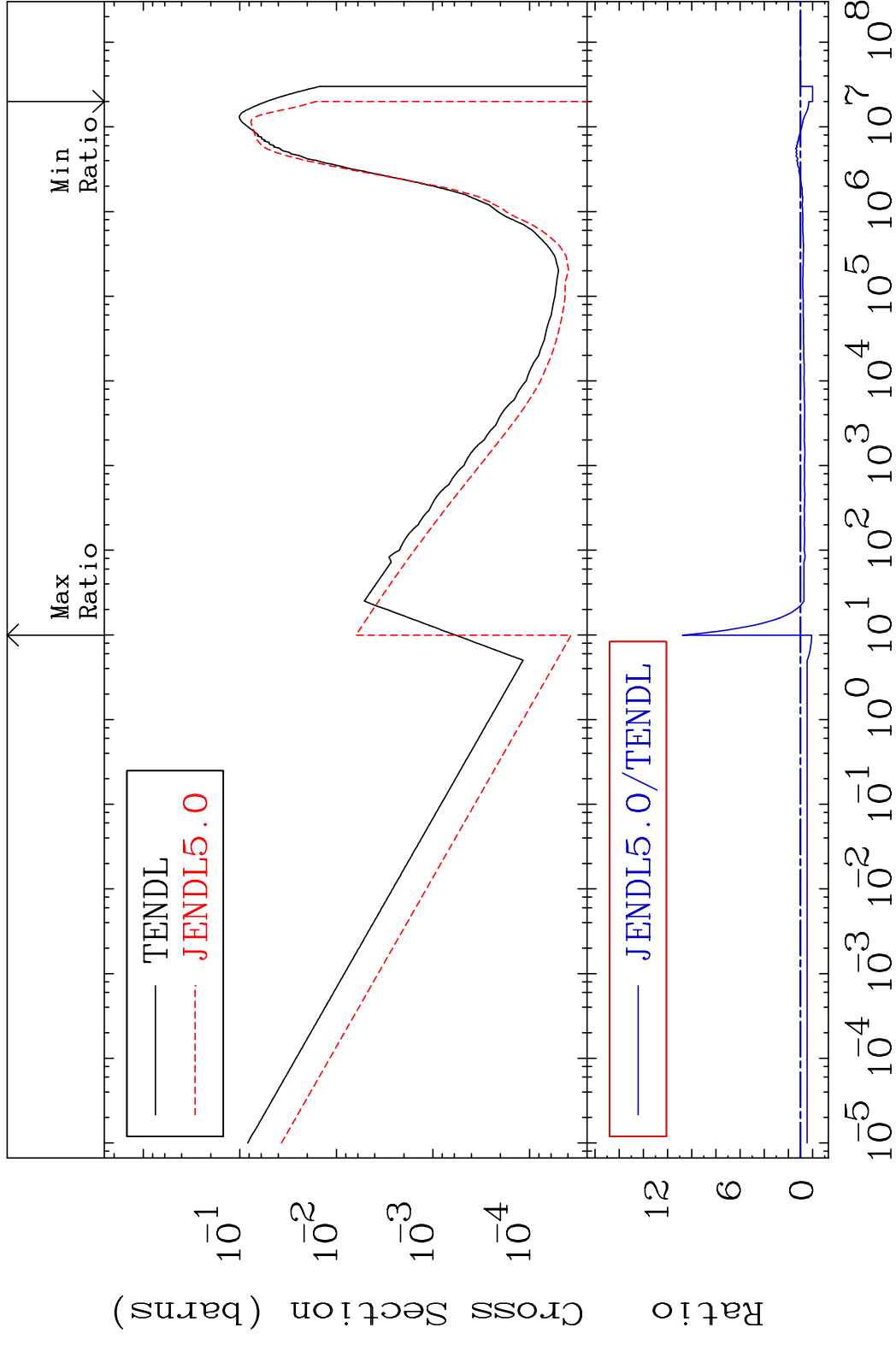
33-As-71

MAT 3313

33-As-71

(n, α)

Cross Section -100.0 To 977.6 %



49

Incident Energy (eV)

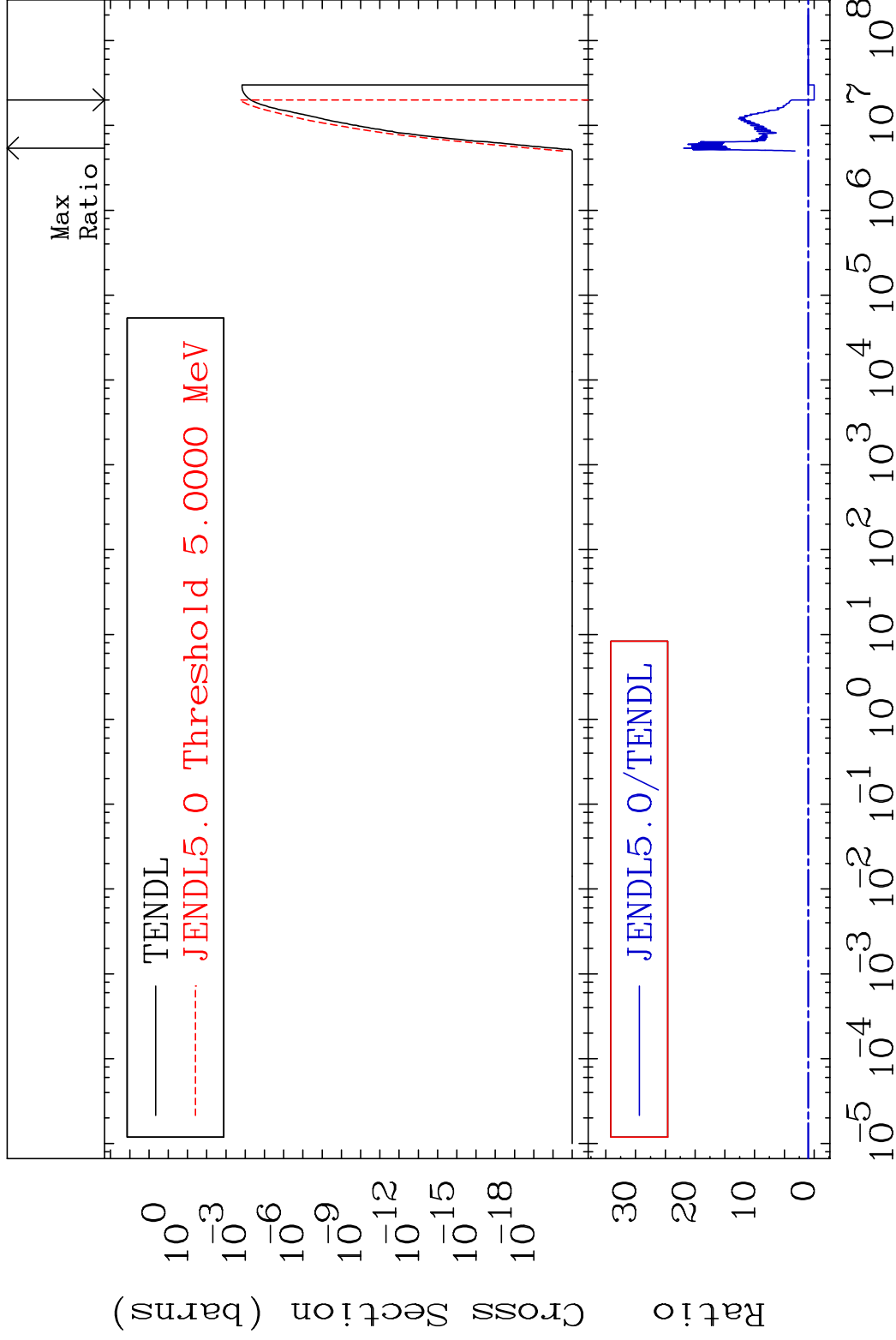
33-As-71

MAT 3313

(n,2α)

33-As-71

Cross Section -100.0 To 2092. %



50

Incident Energy (eV)

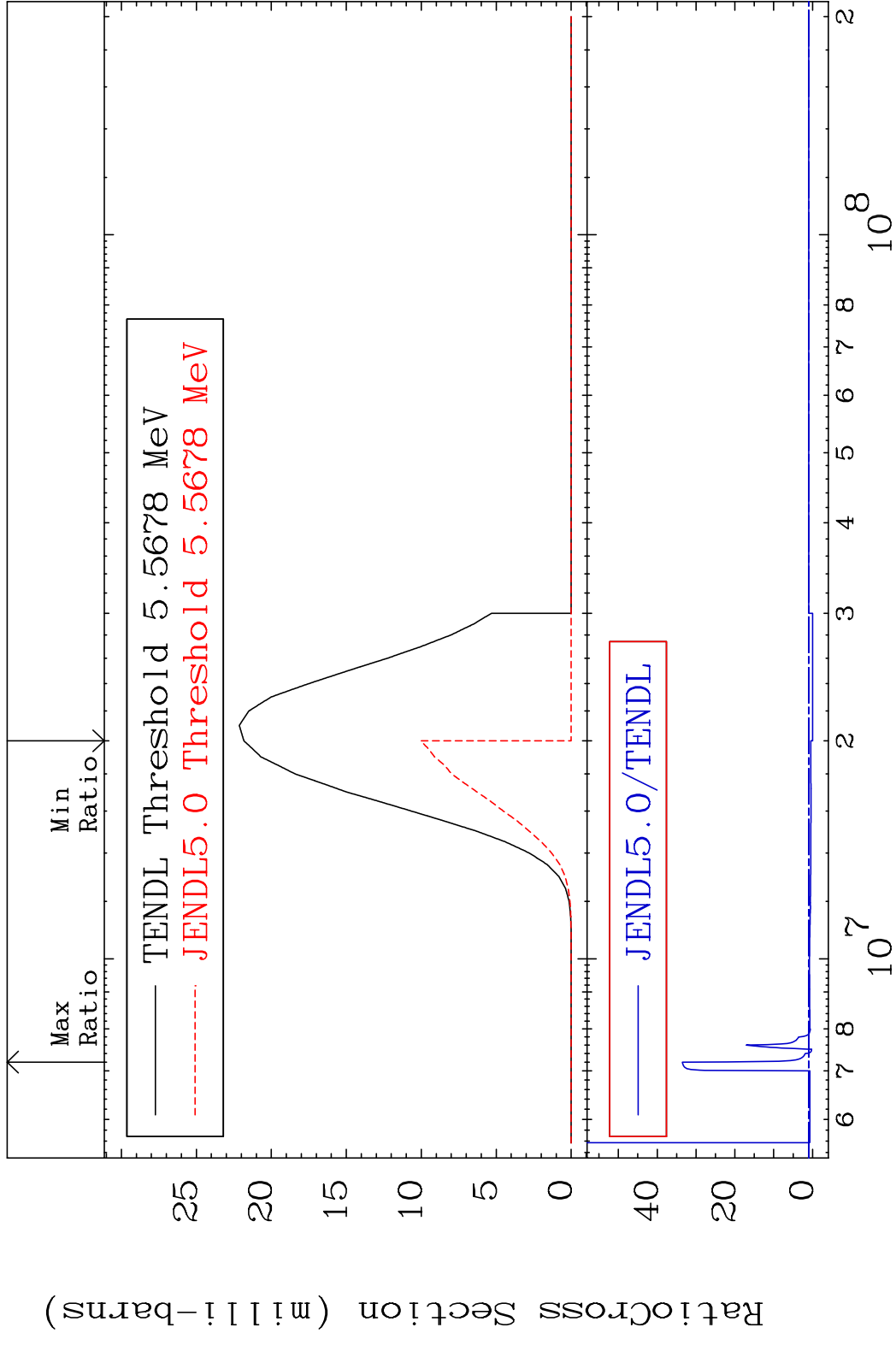
33-As-71

MAT 3313

(n,2p)

33-As-71

Cross Section -100.0 To 3253. %

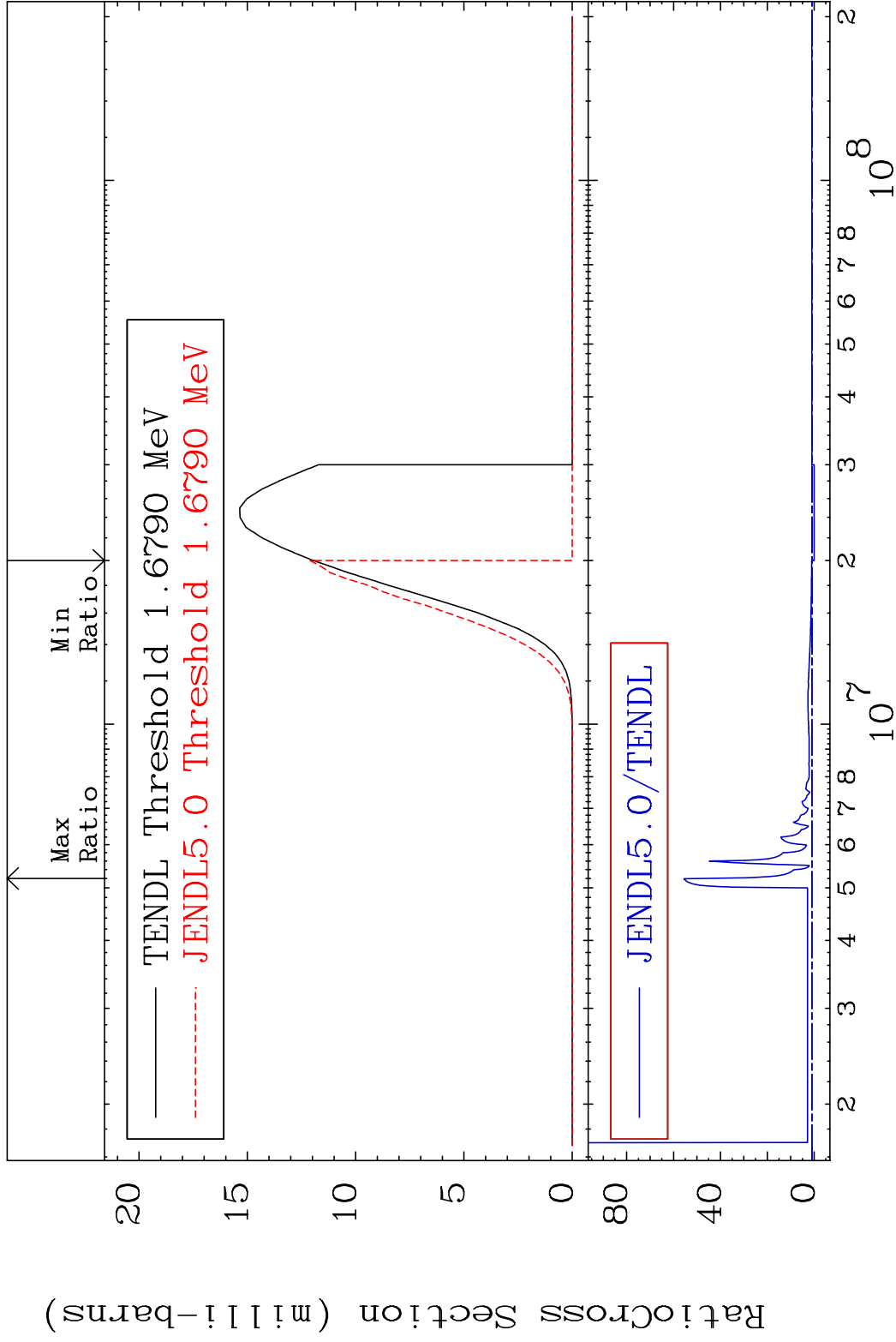


MAT 3313

(n,p) α

33-As-71

Cross Section -100.0 To 5468. %

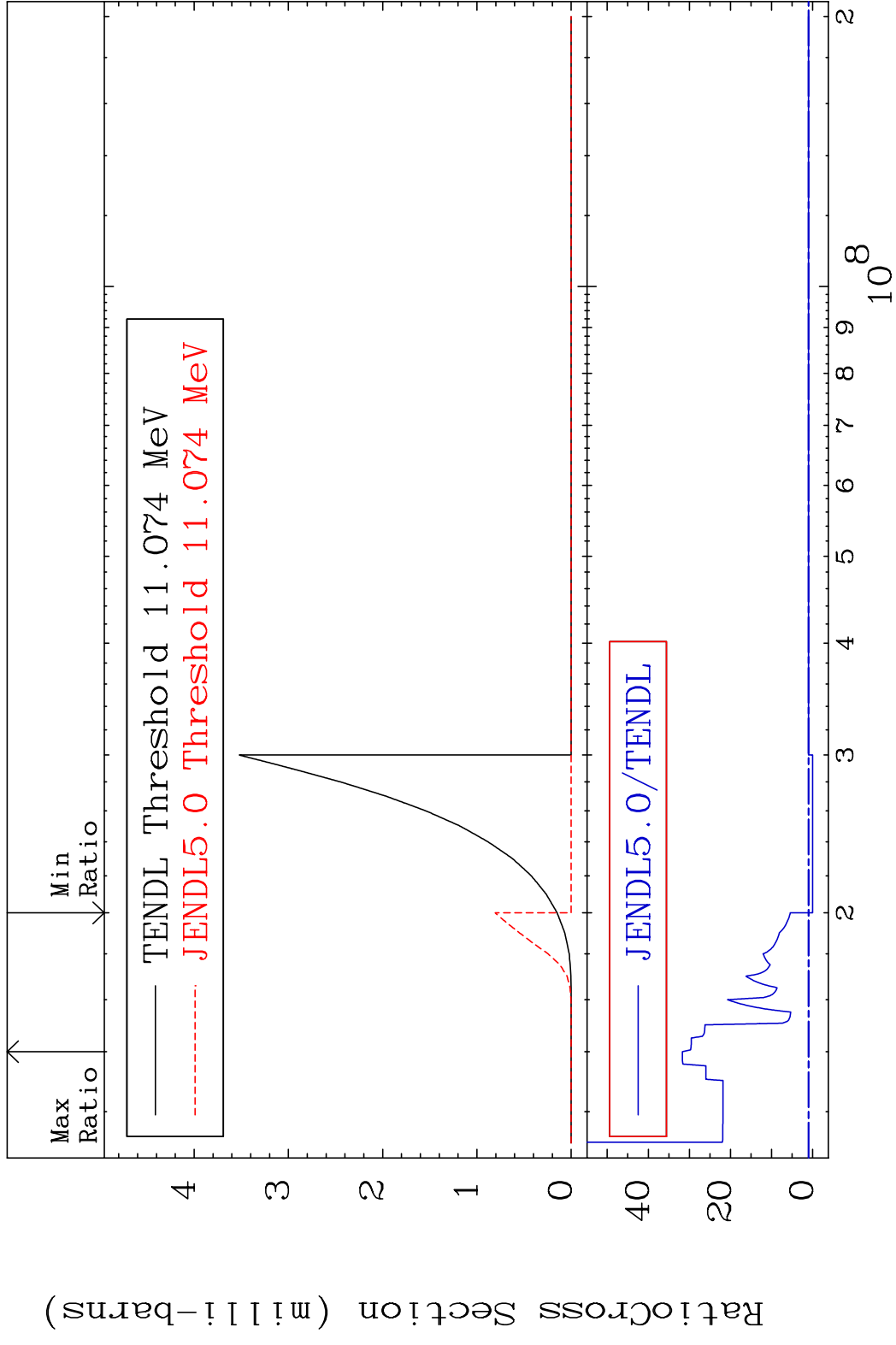


52

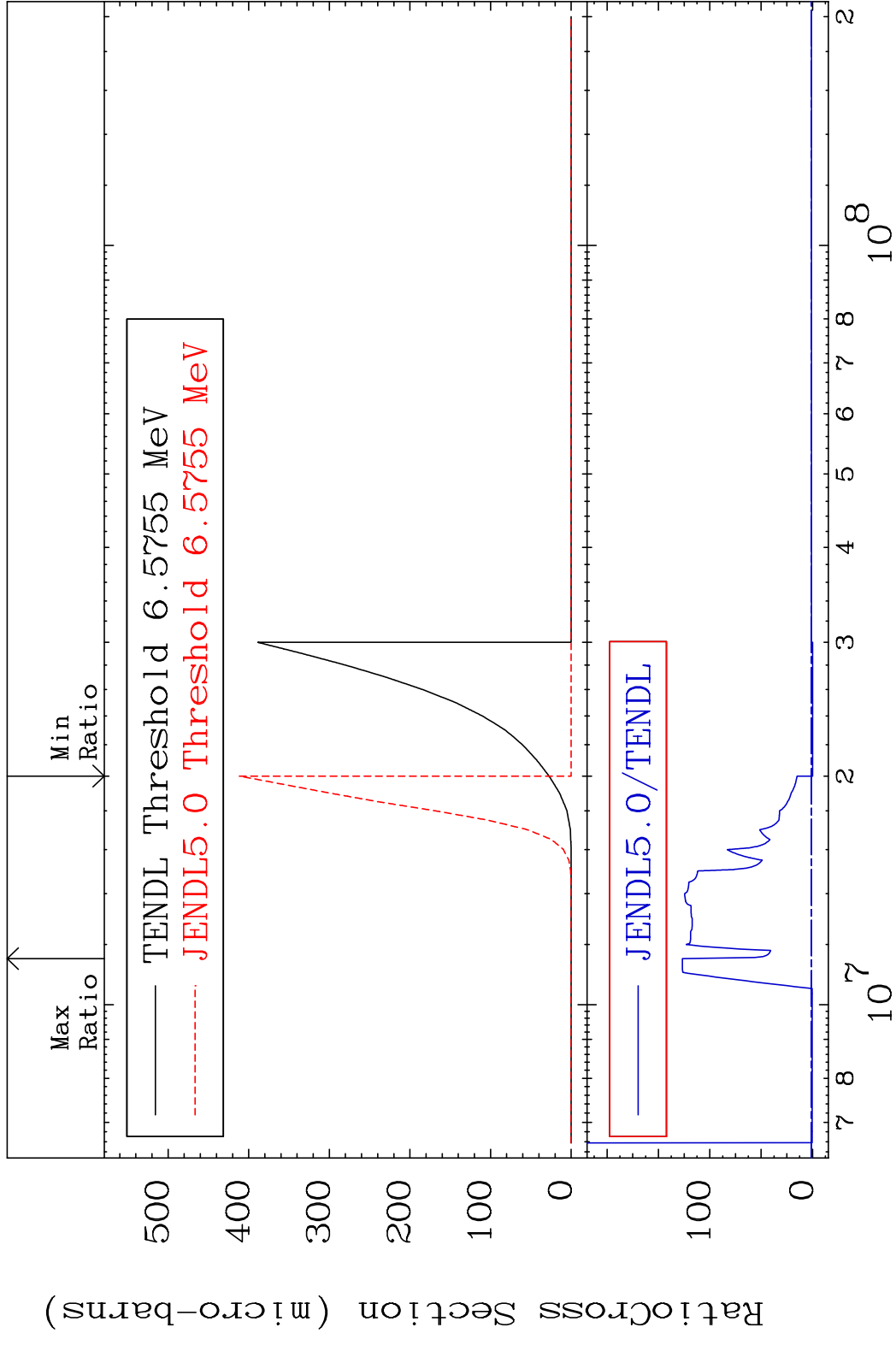
Incident Energy (eV)

33-As-71

Cross Section -100.0 To 3071. %



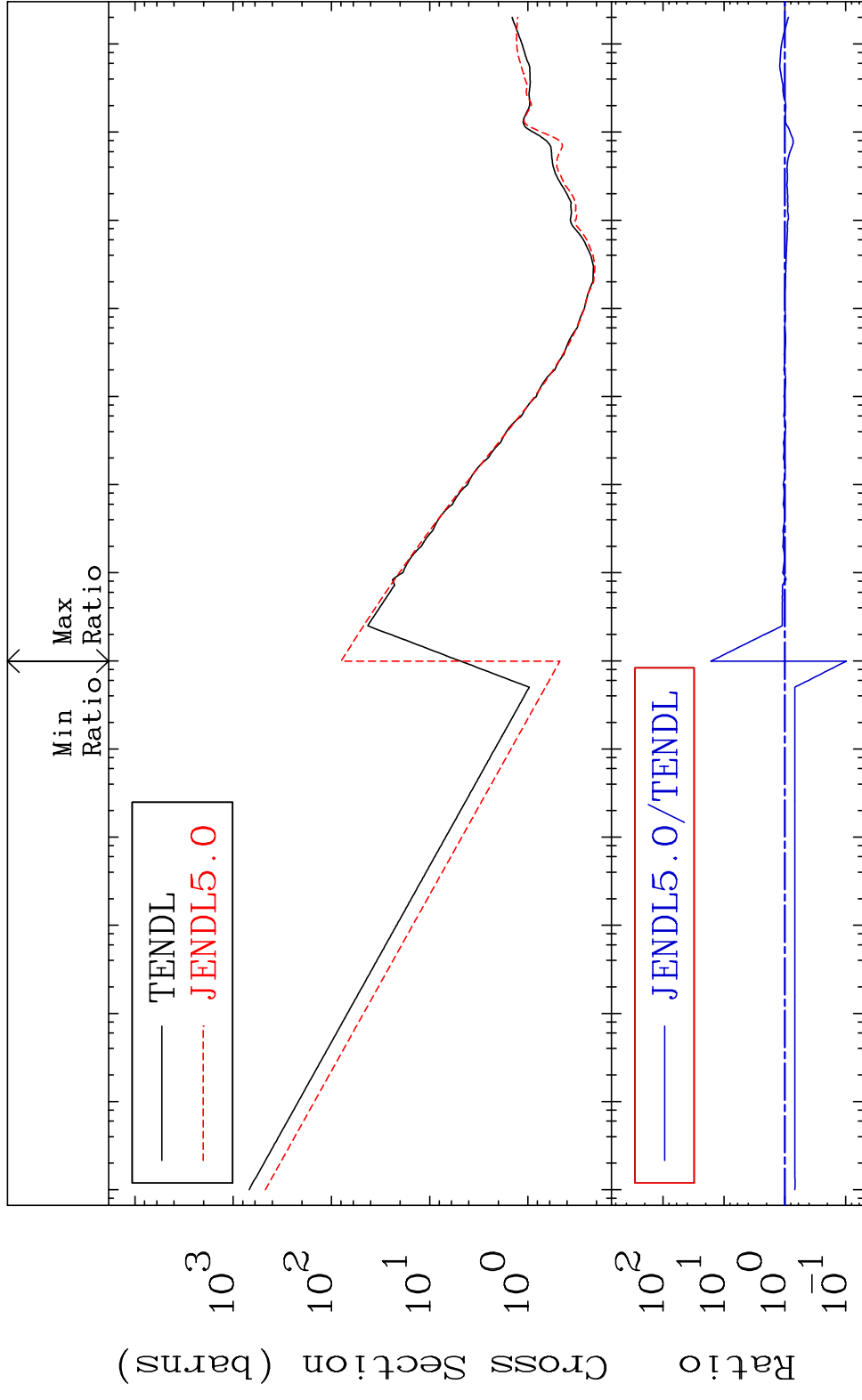
Cross Section -100.0 To 9999. %



MAT 3313

Hydrogen Production
Cross Section -90.22 To 1551. %

33-As-71

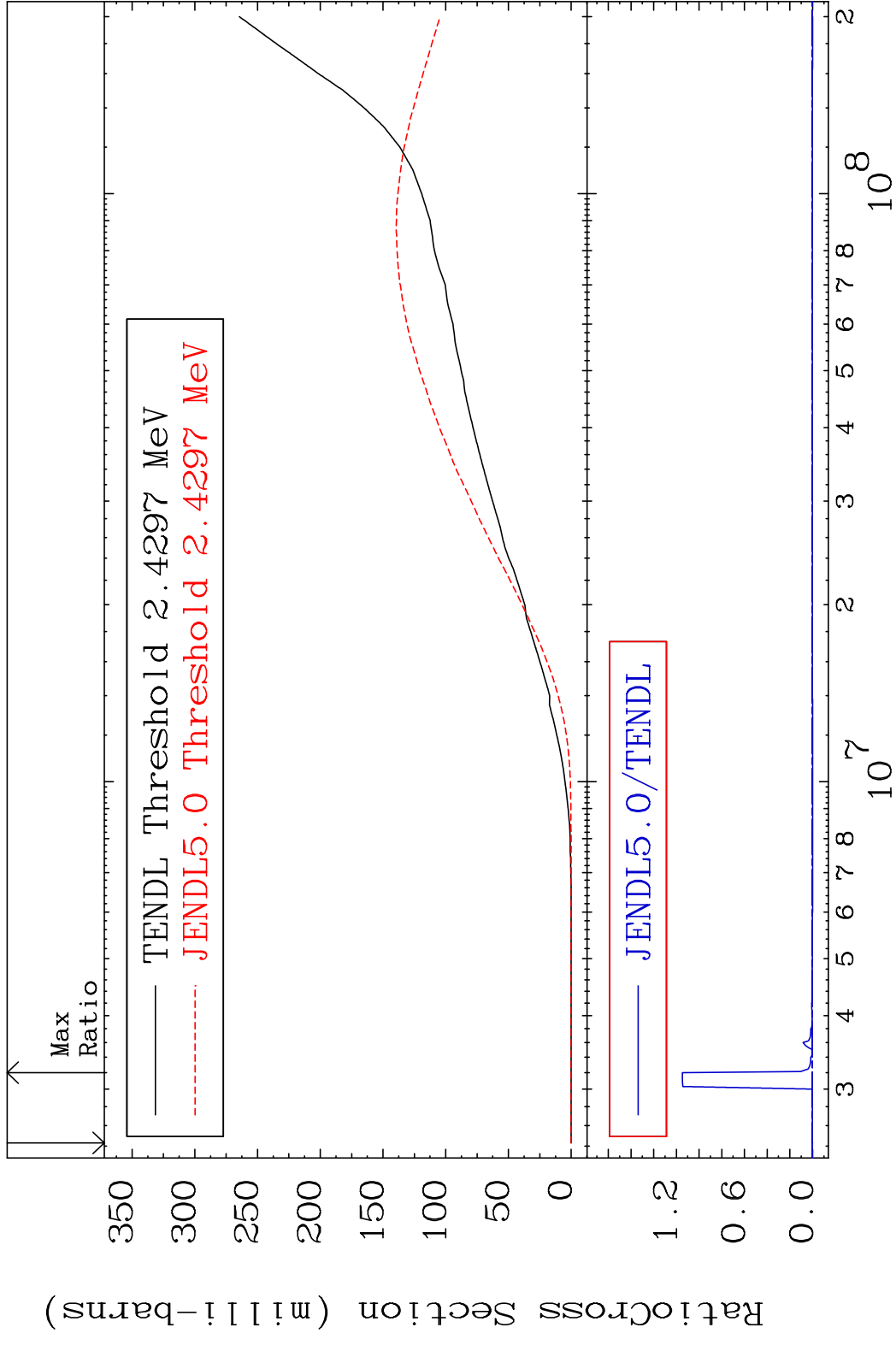


55

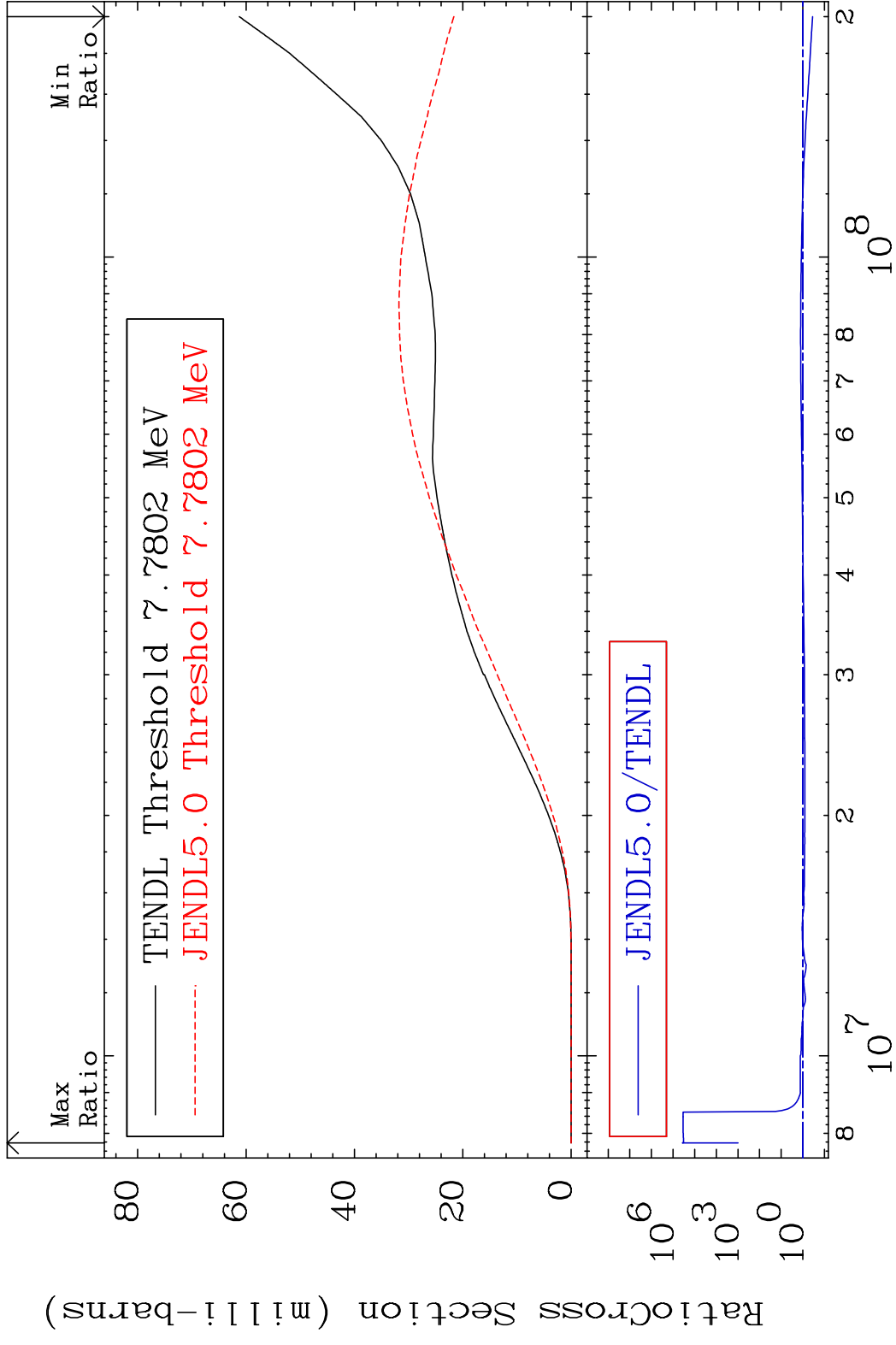
Incident Energy (eV)

33-As-71

MAT 3313 Deuterium Production 33-As-71
 Cross Section -100.0 To 9999. %



MAT 3313 Tritium Production 33-As-71
 Cross Section -64.63 To 9999. %

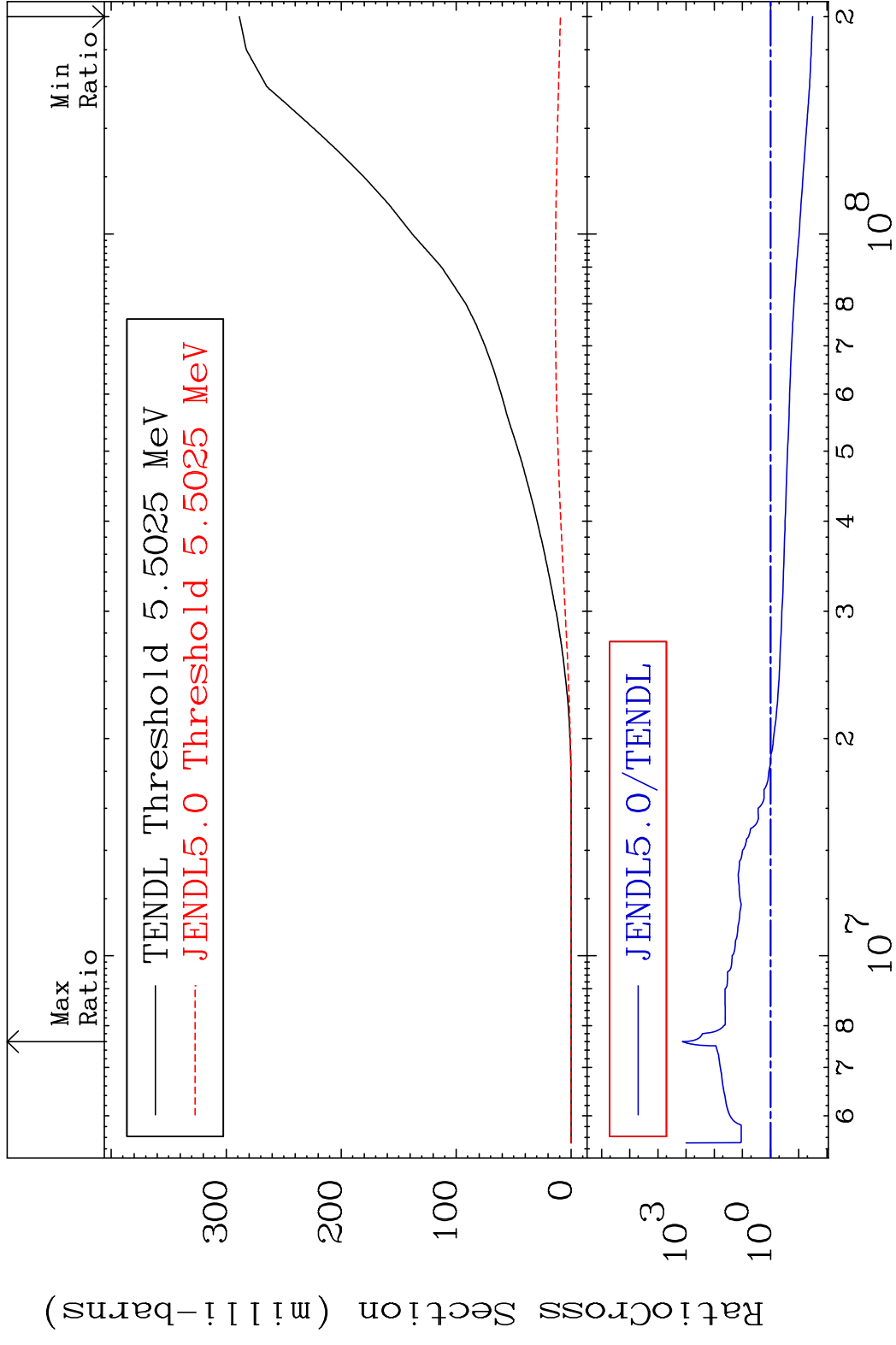


MAT 3313

He-3 Production

33-As-71

Cross Section -96.76 To 9999. %



58

Incident Energy (eV)

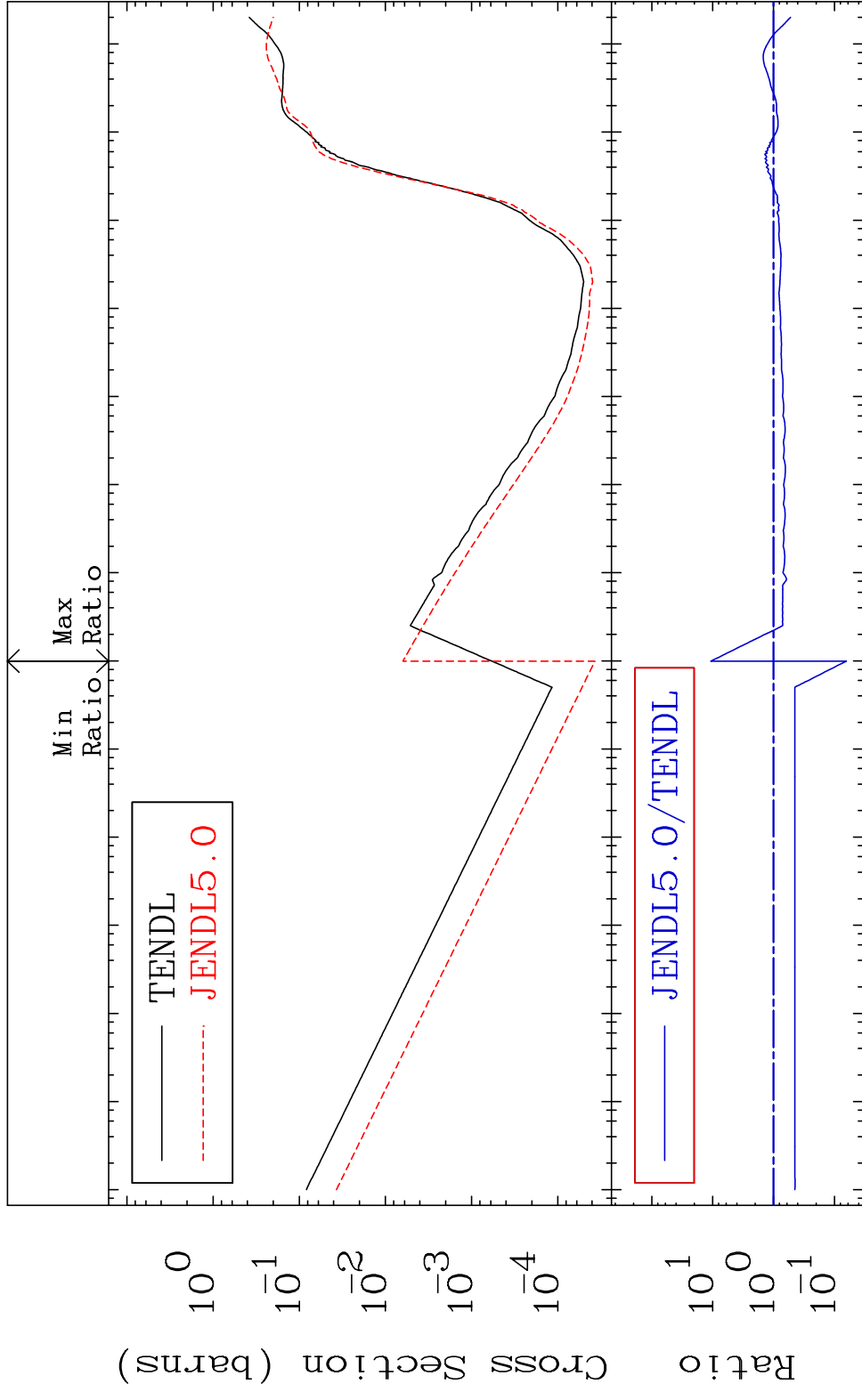
33-As-71

MAT 3313

He-4 Production

33-As-71

Cross Section -93.62 To 977.6 %

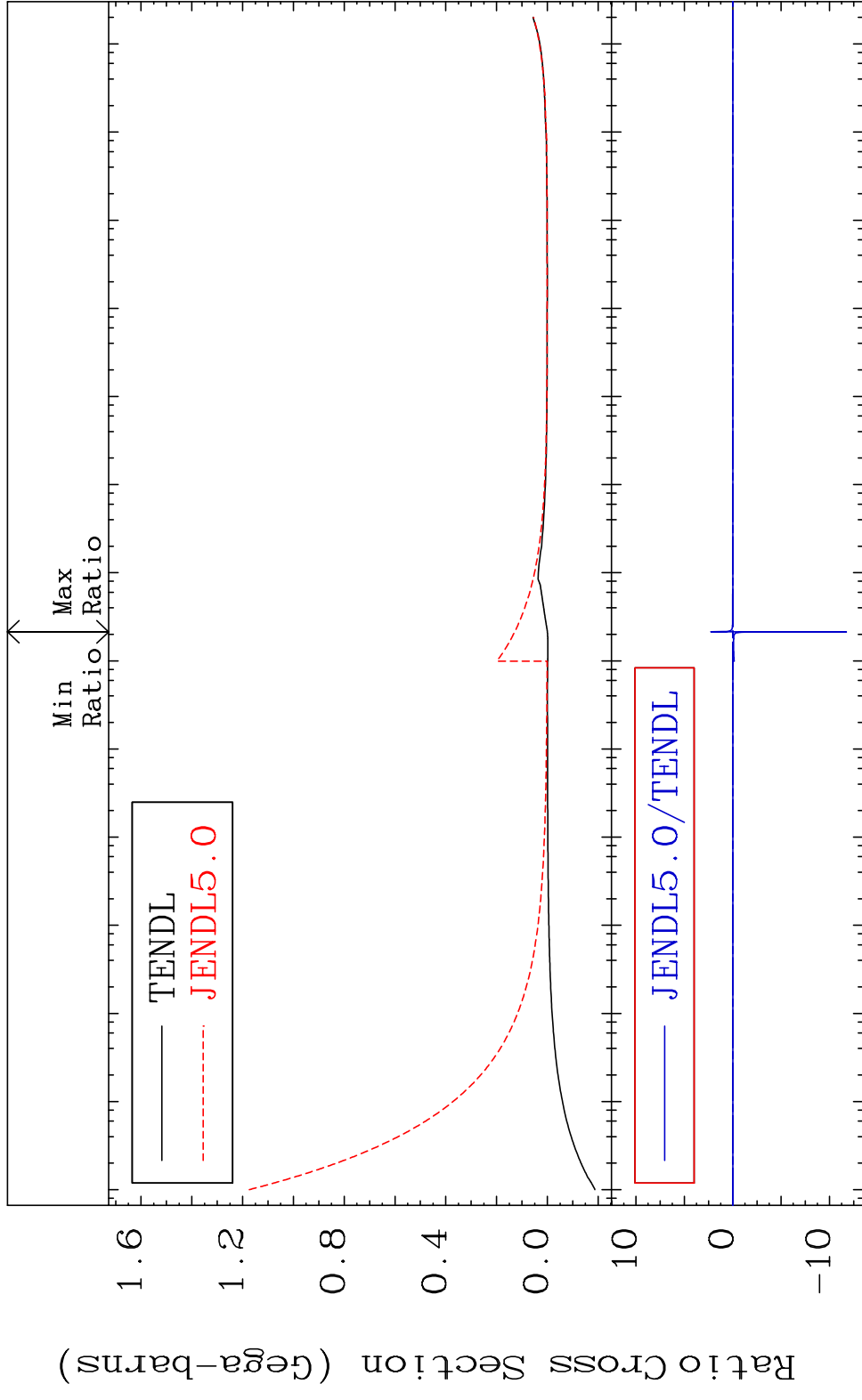


59

Incident Energy (eV)

33-As-71

MAT 3313 Kerma total (eV-barns) 33-As-71
 Cross Section -9999. To 9999. %

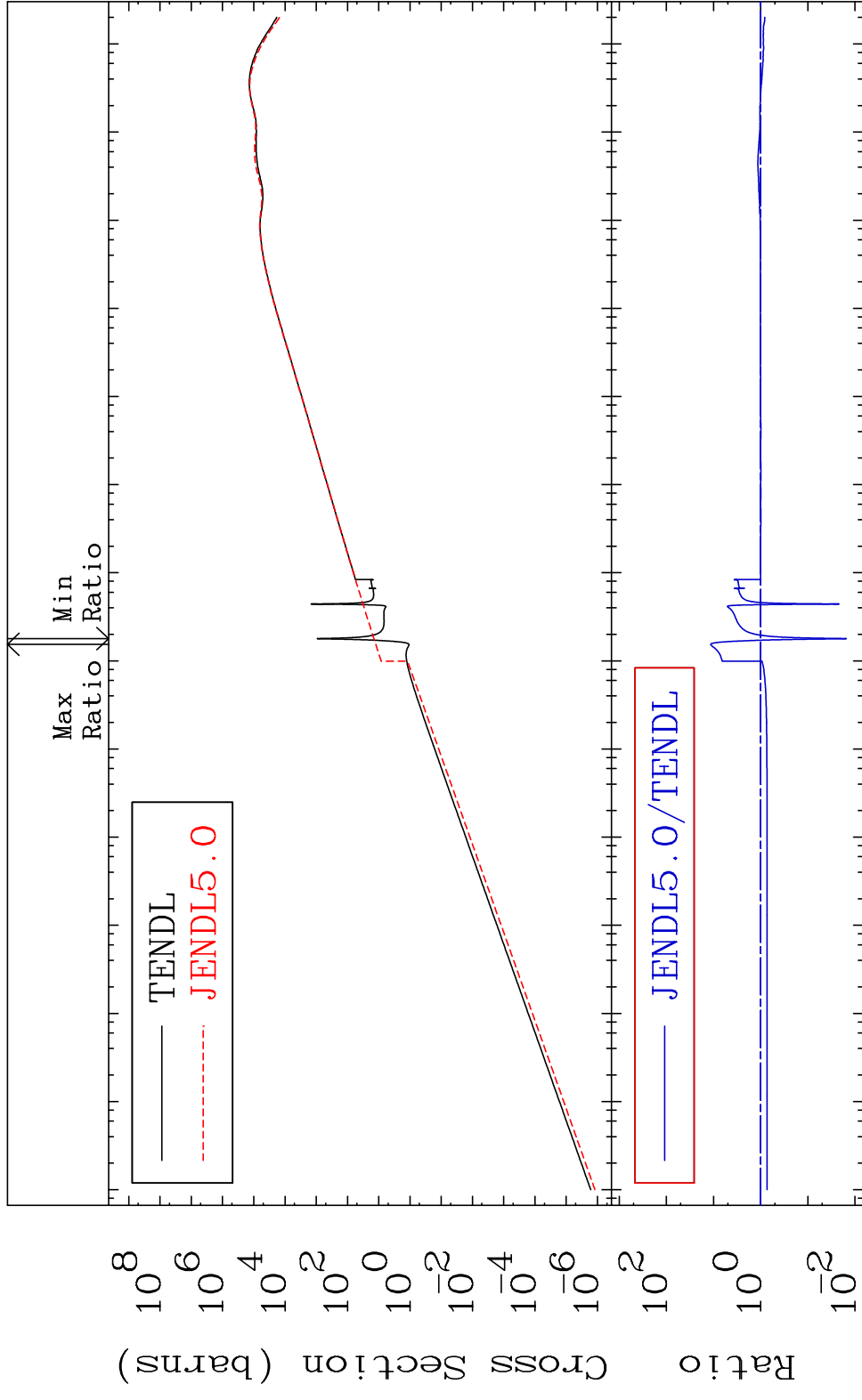


60 Incident Energy (eV) 33-As-71

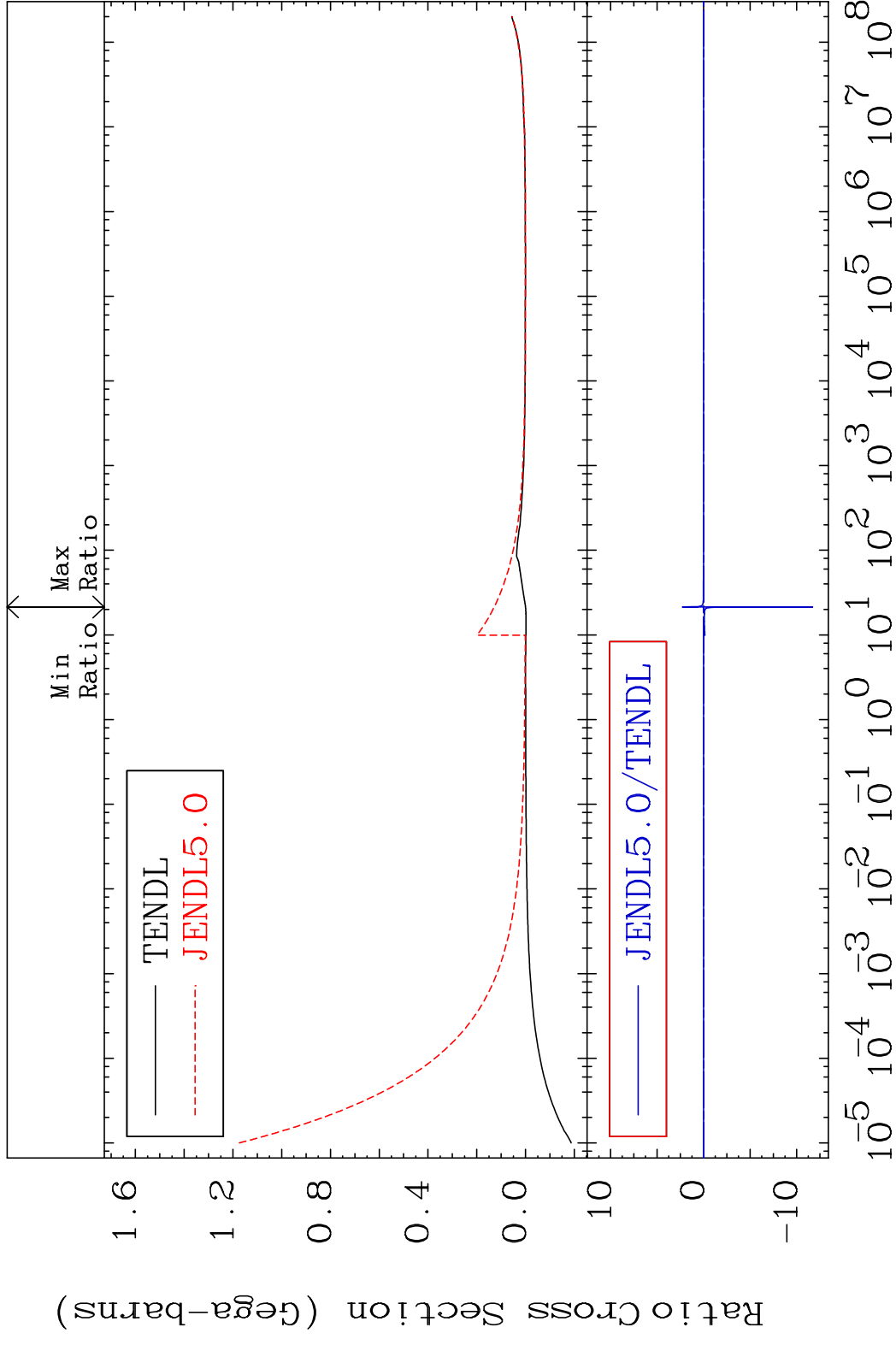
MAT 3313

Kerma elastic Cross Section -98.47 To 1049. %

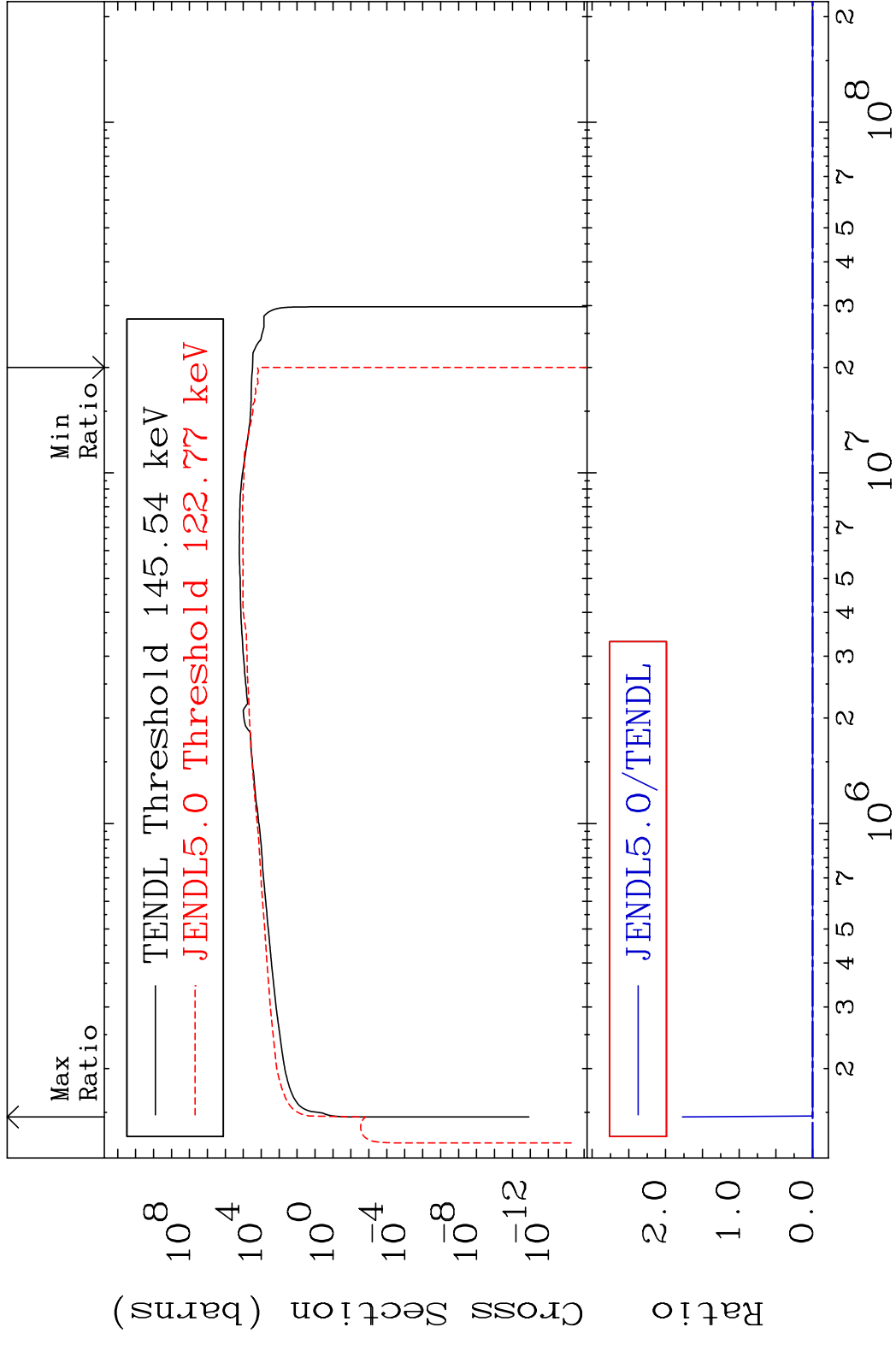
33-As-71



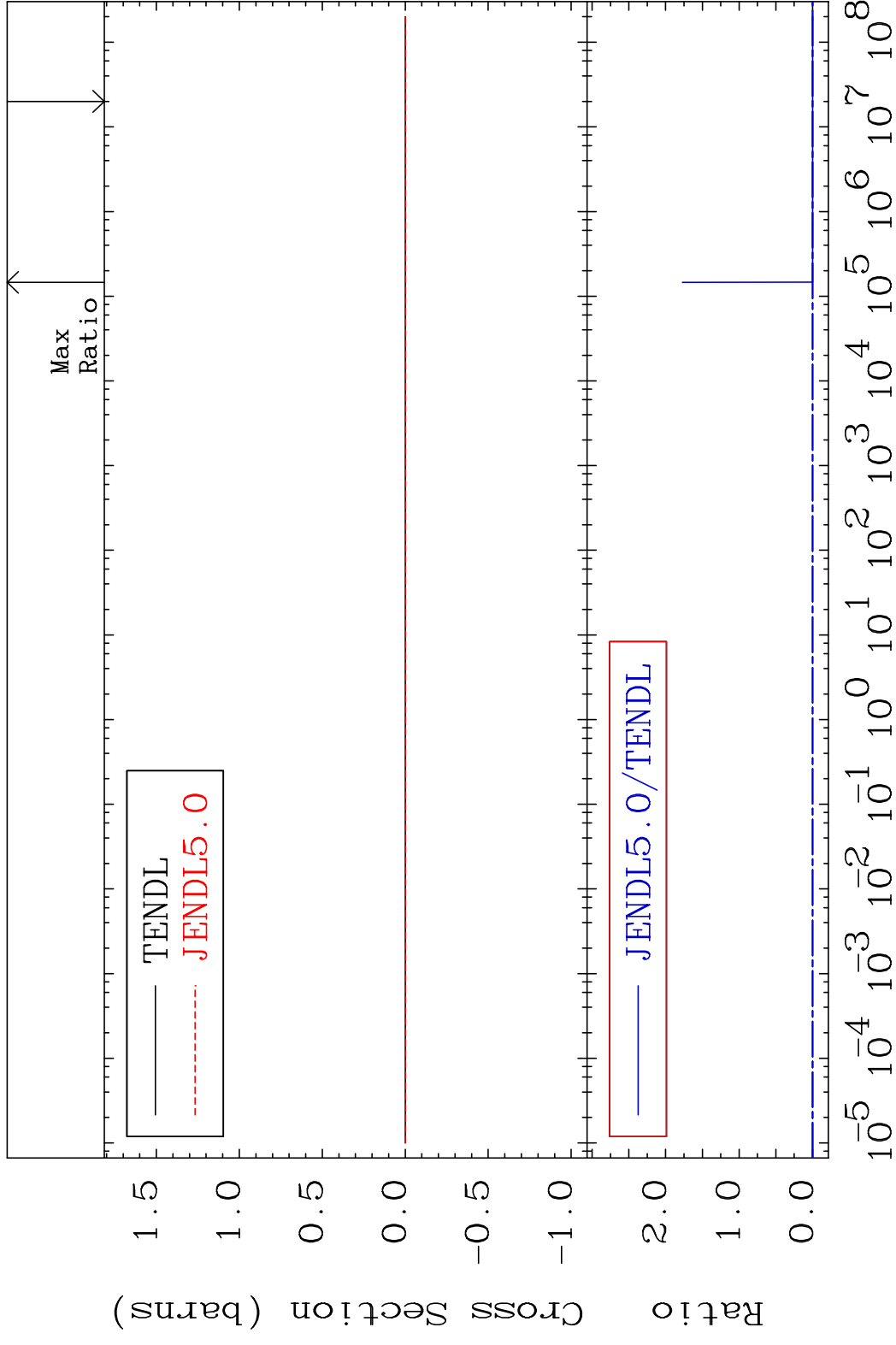
MAT 3313 Kerma non-elastic (all but mt2) 33-As-71
 Cross Section -9999. To 9999. %



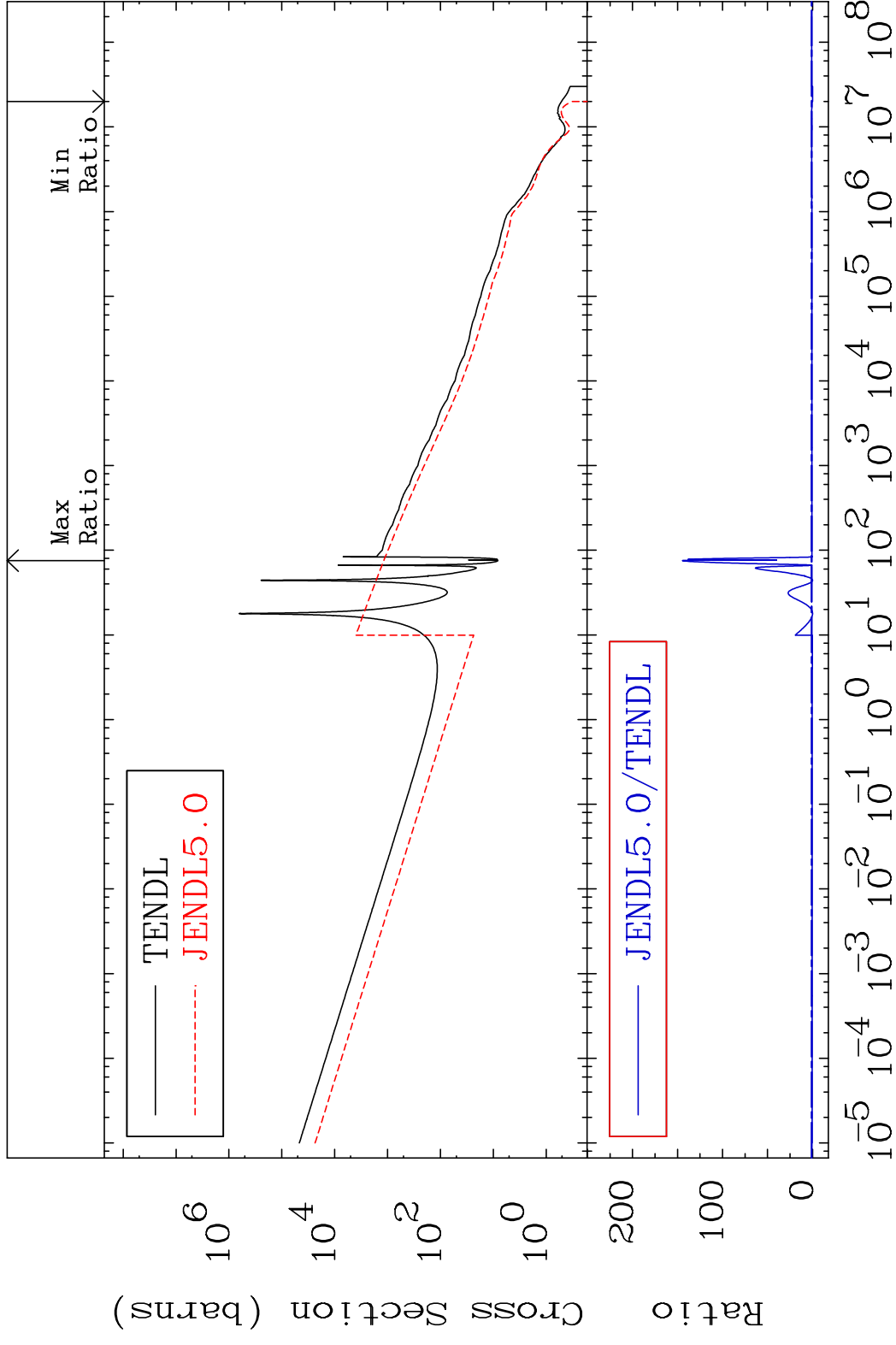
MAT 3313 Kerma inelastic (mt51-91) 33-As-71
 Cross Section -100.0 To 9999. %



MAT 3313 Kerma fission (mt18 or mt19-20-21-38) 33-As-71
 Cross Section -100.0 To 9999. %

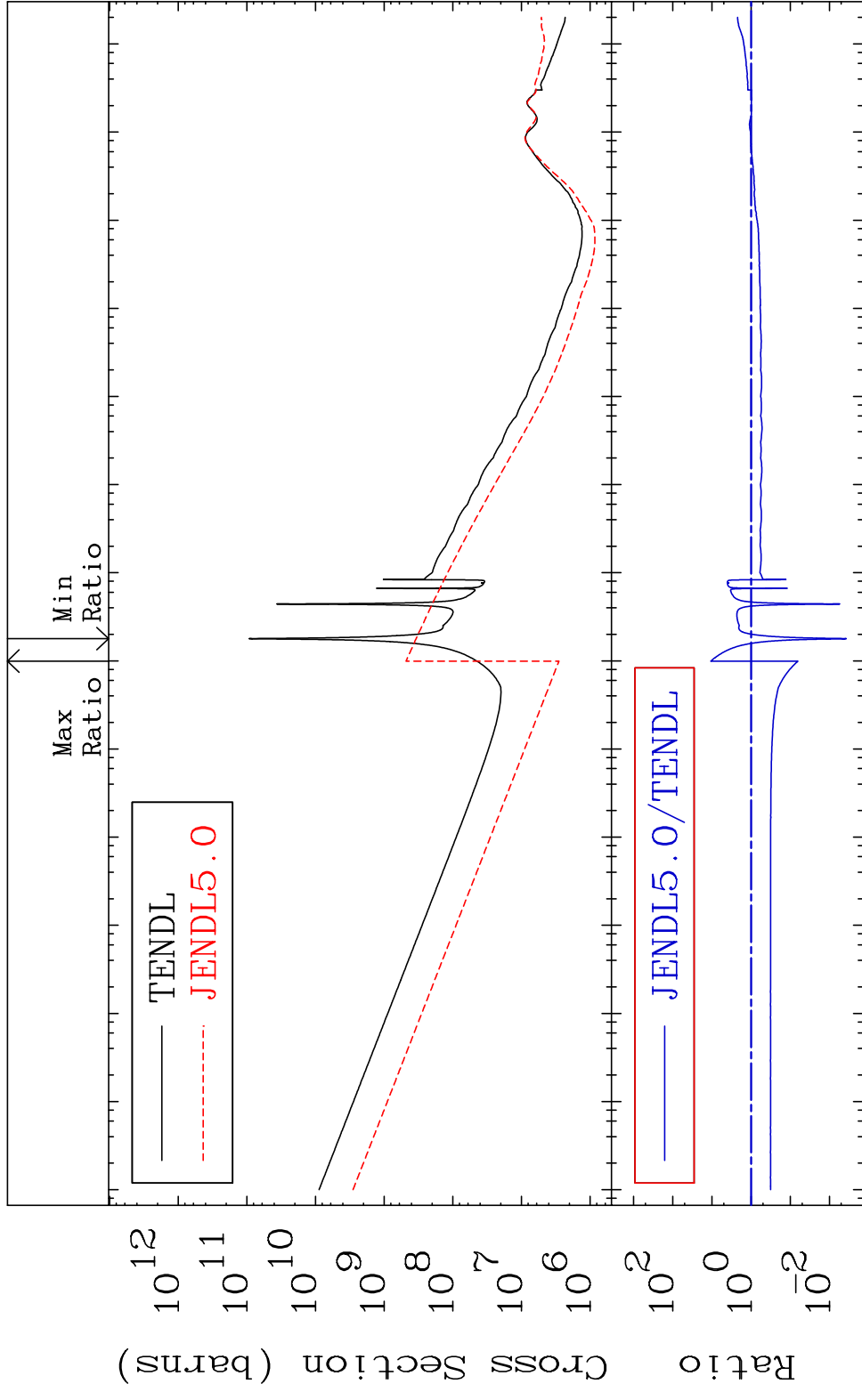


MAT 3313 Kerma capture (mt102) 33-As-71
 Cross Section -100.0 To 9999. %

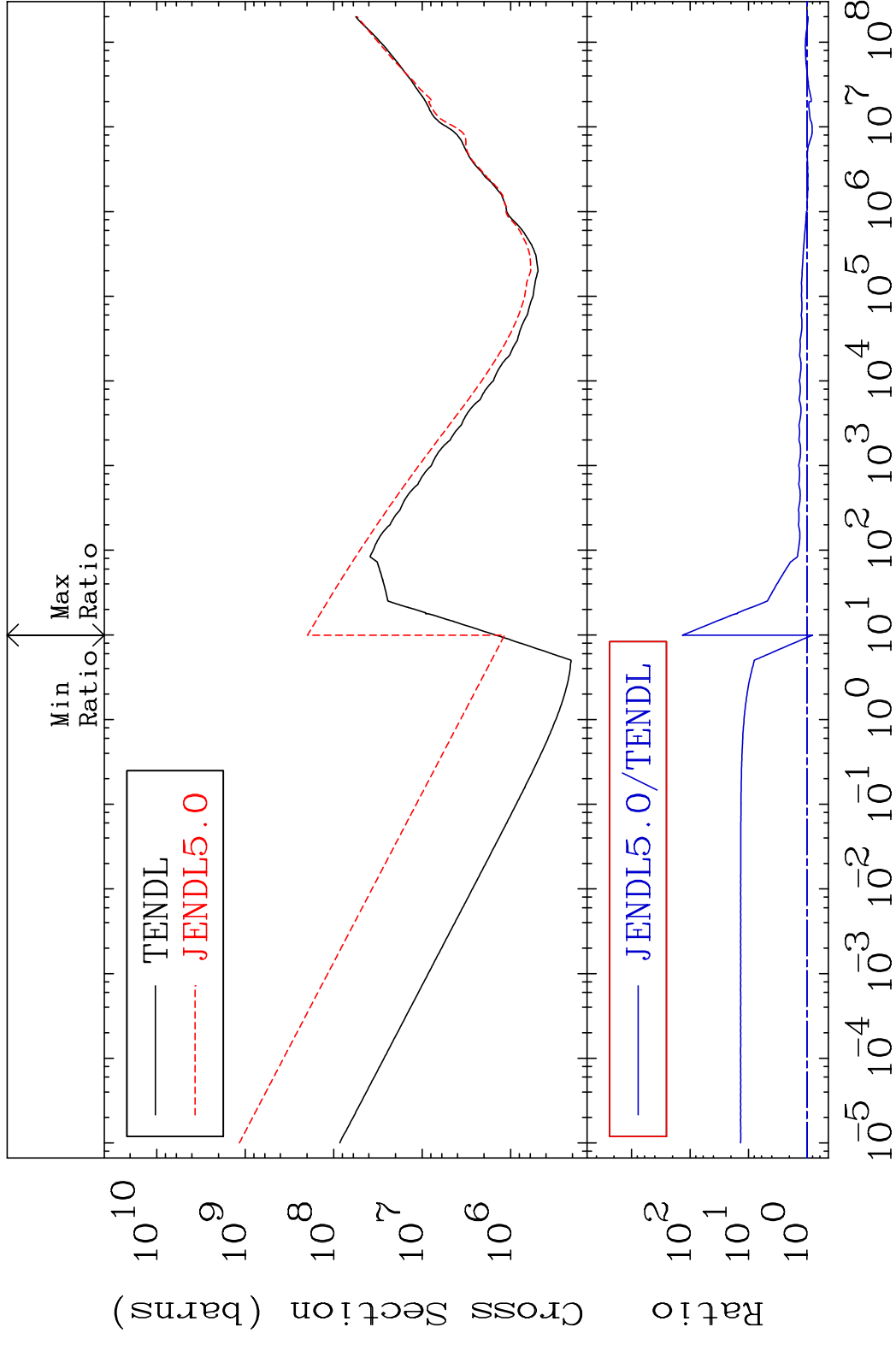


65 Incident Energy (eV) 33-As-71

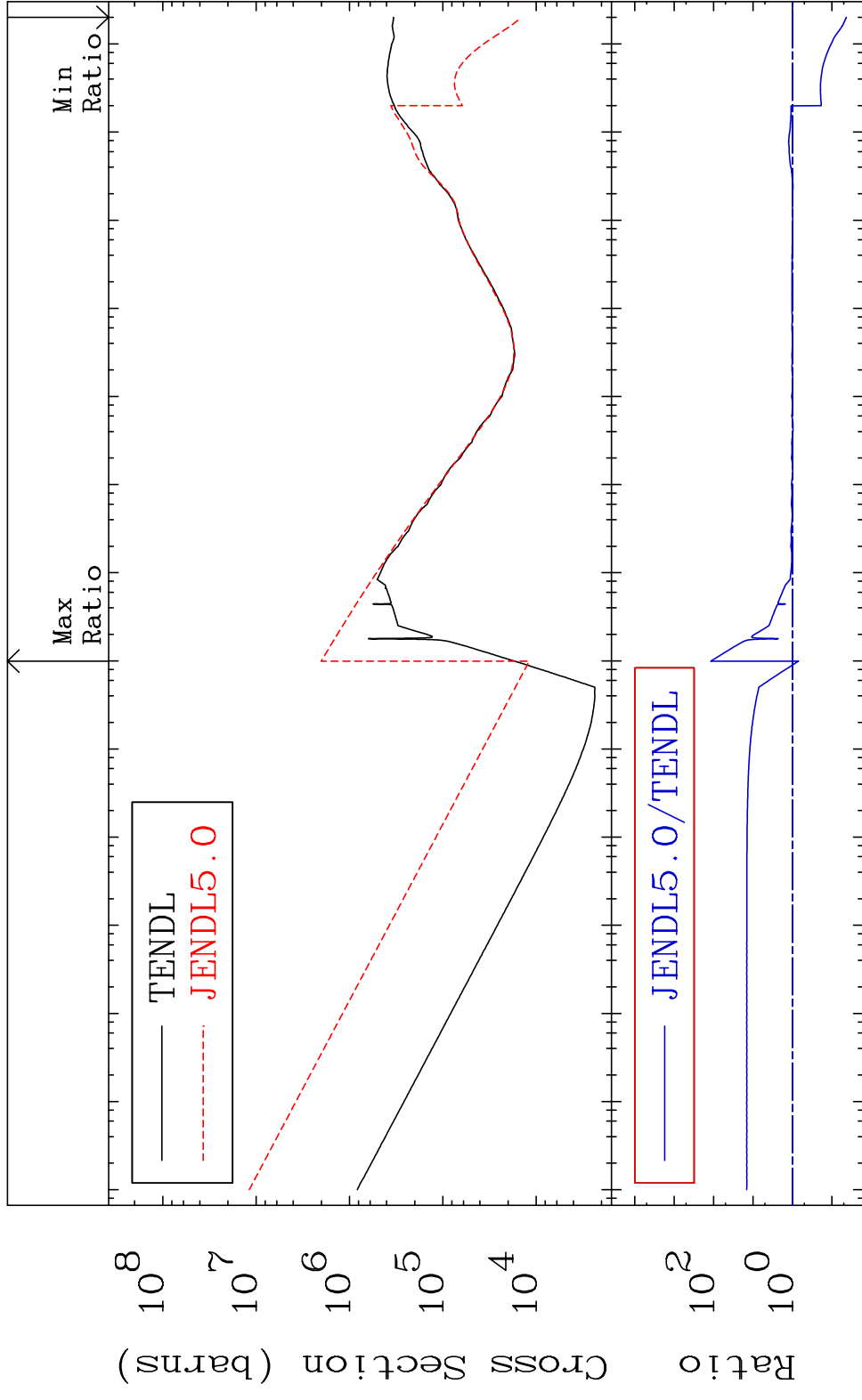
MAT 3313 Total photon (eV-barns) 33-As-71
 Cross Section -99.63 To 977.1 %



MAT 3313 Total kinematic kerma (high limit) 33-As-71
 Cross Section -19.64 To 9999. %



MAT 3313 Dpa total (eV-barns) 33-As-71
 Cross Section -95.71 To 9999. %

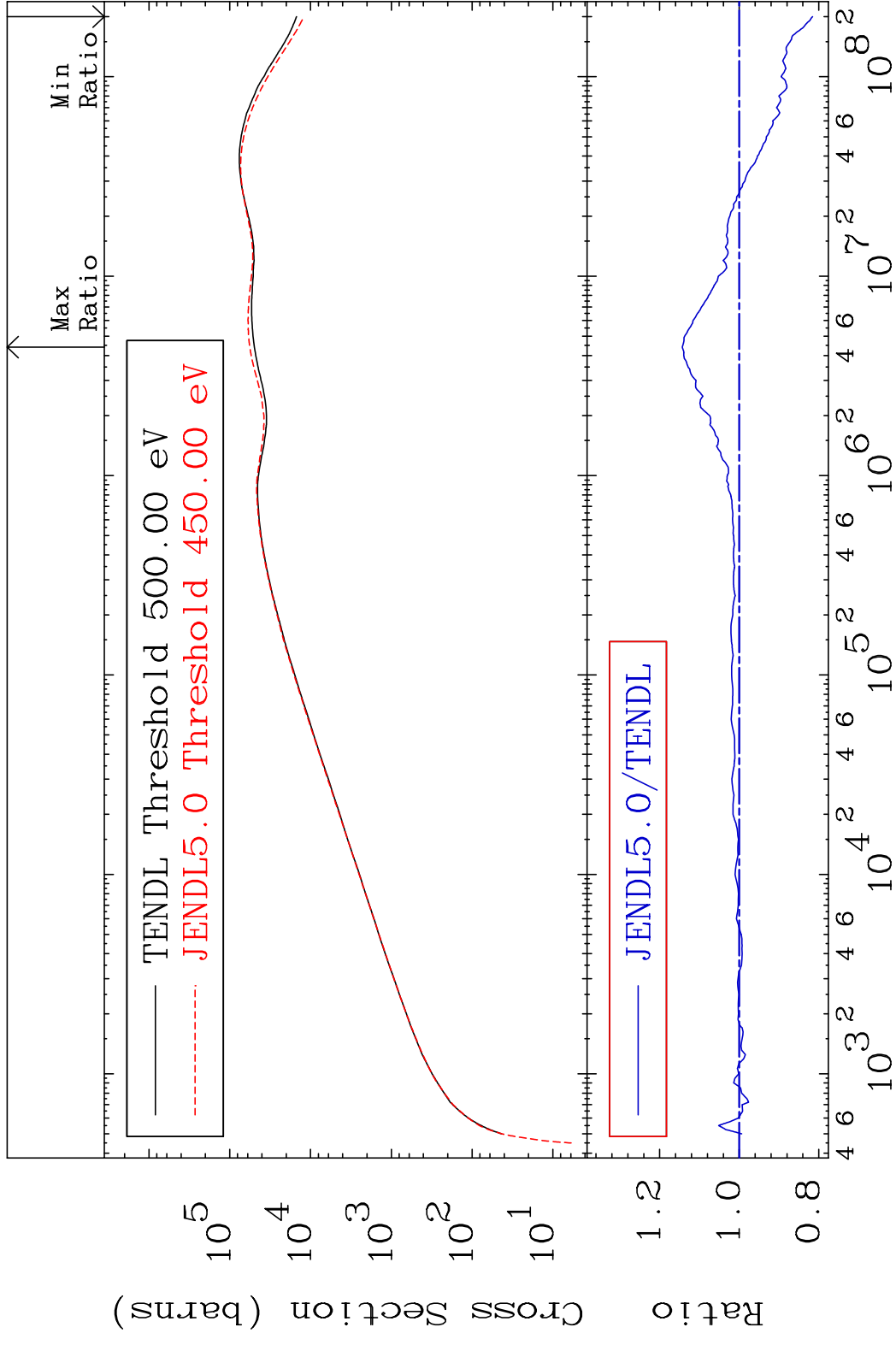


MAT 3313

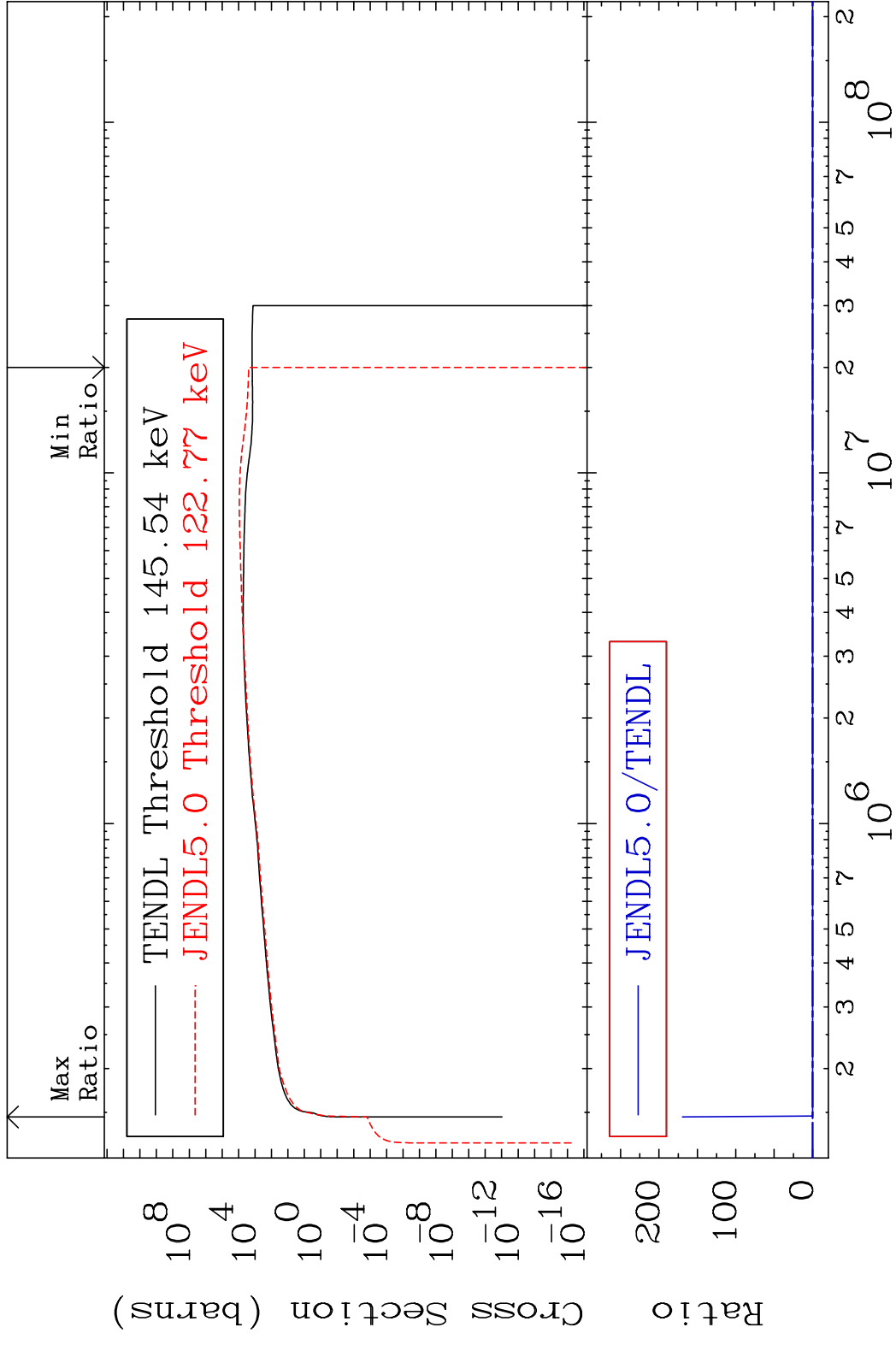
Dpa elastic (mt2)

33-As-71

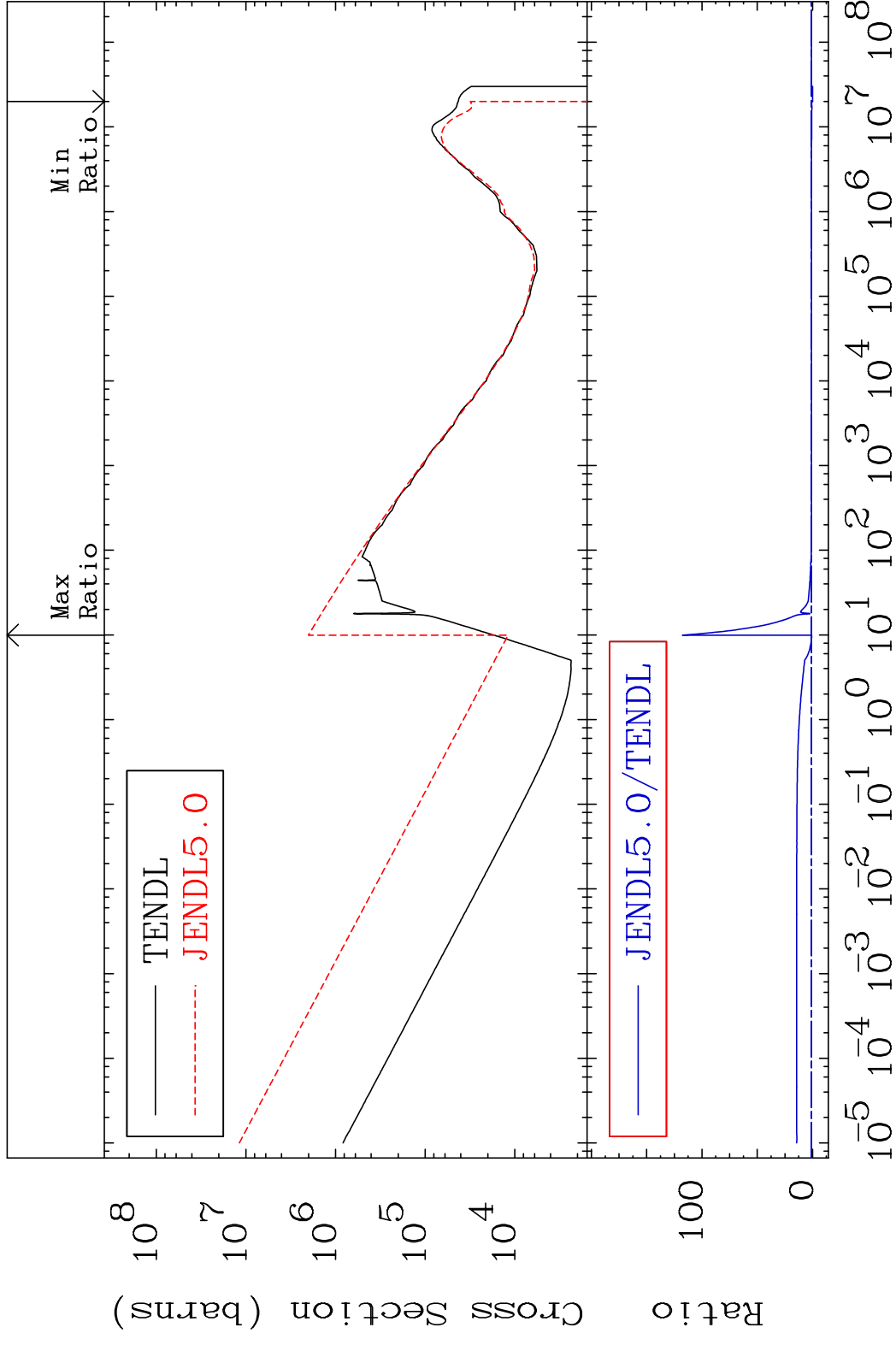
Cross Section -18.42 To 14.30 %



MAT 3313 Dpa inelastic (mt51-91) 33-As-71
 Cross Section -100.0 To 9999. %

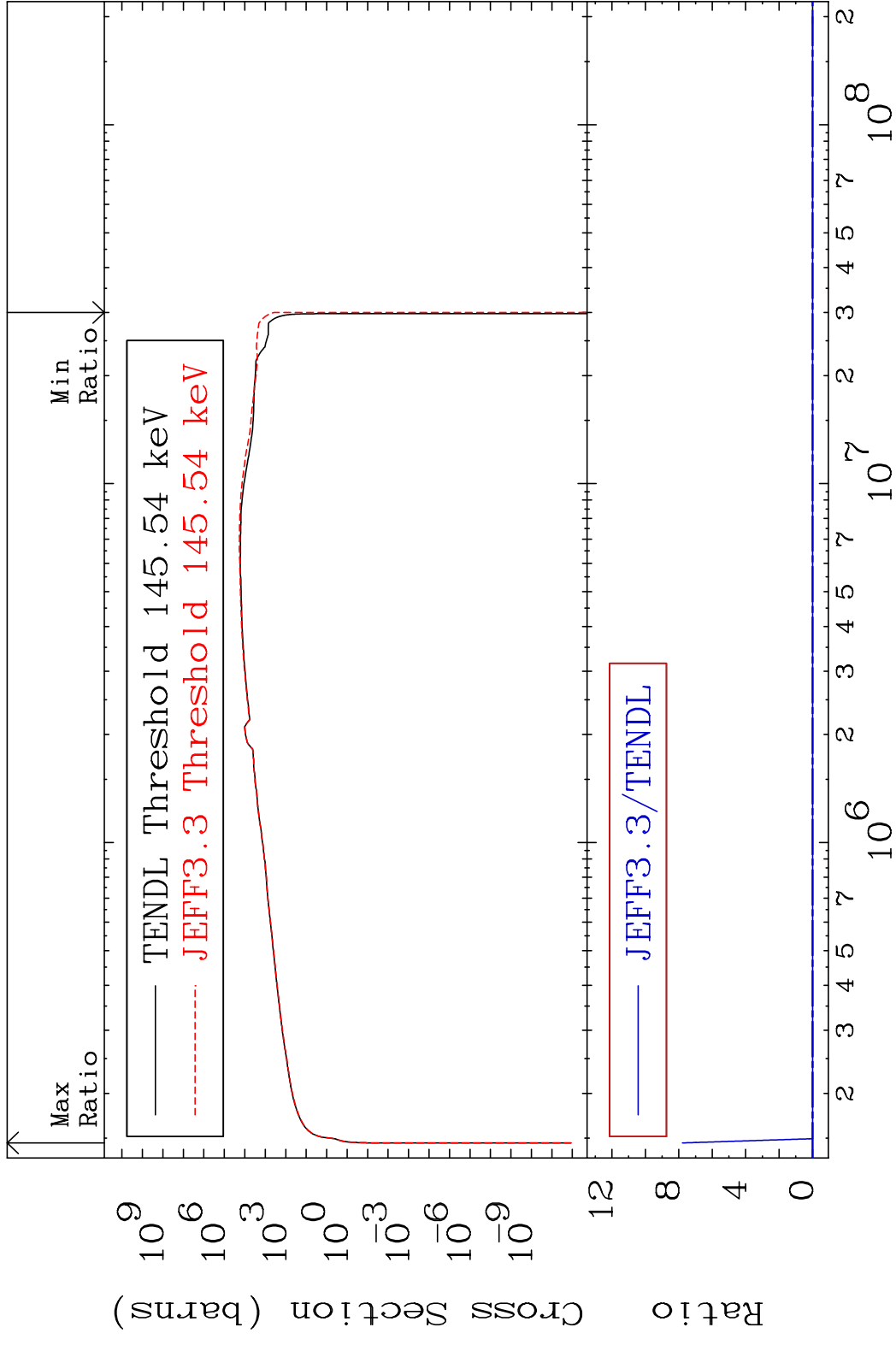


MAT 3313 Dpa disappearance (mt102 -120) 33-As-71
 Cross Section -100.0 To 9999. %

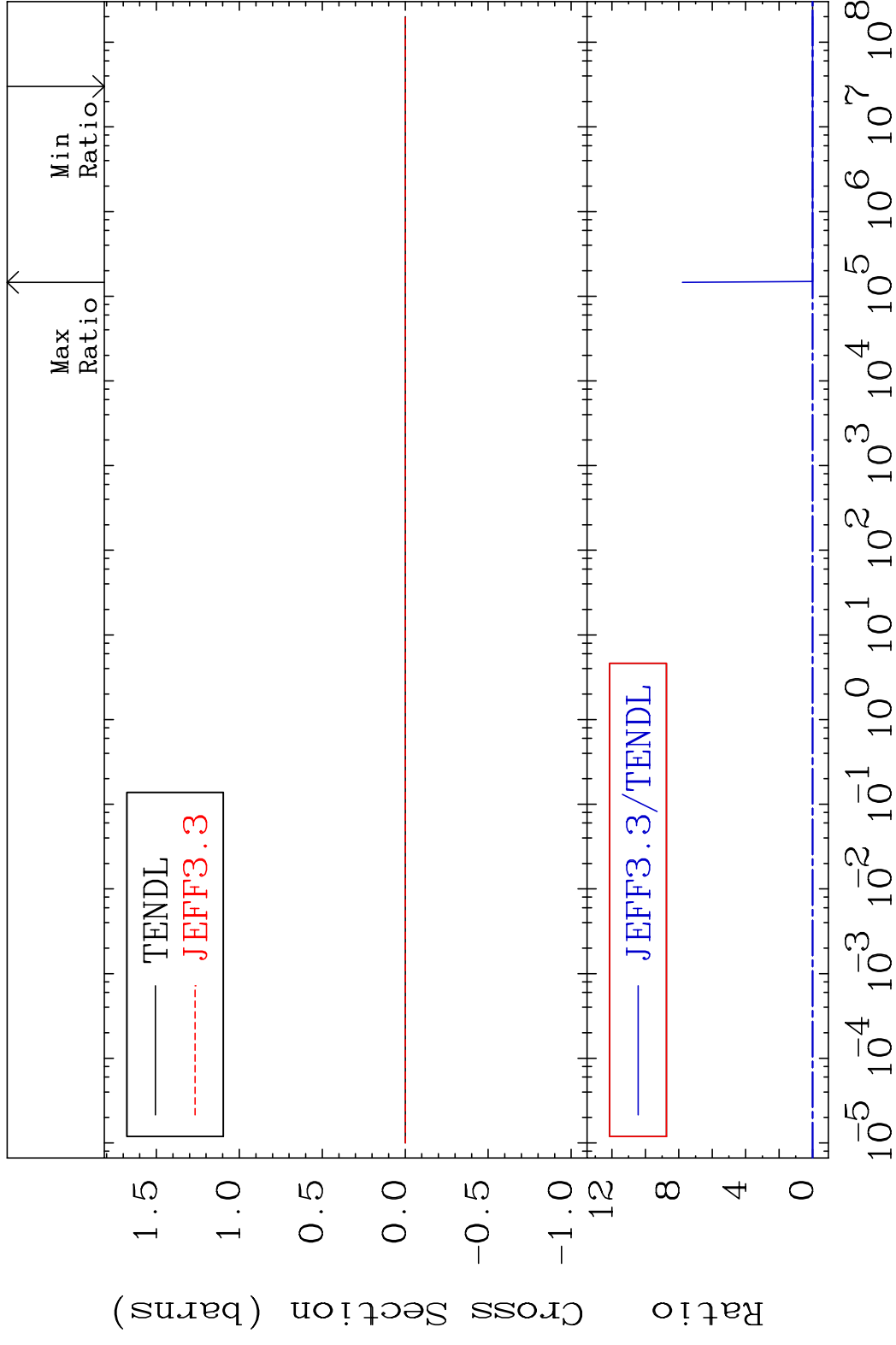


71 Incident Energy (eV) 33-As-71

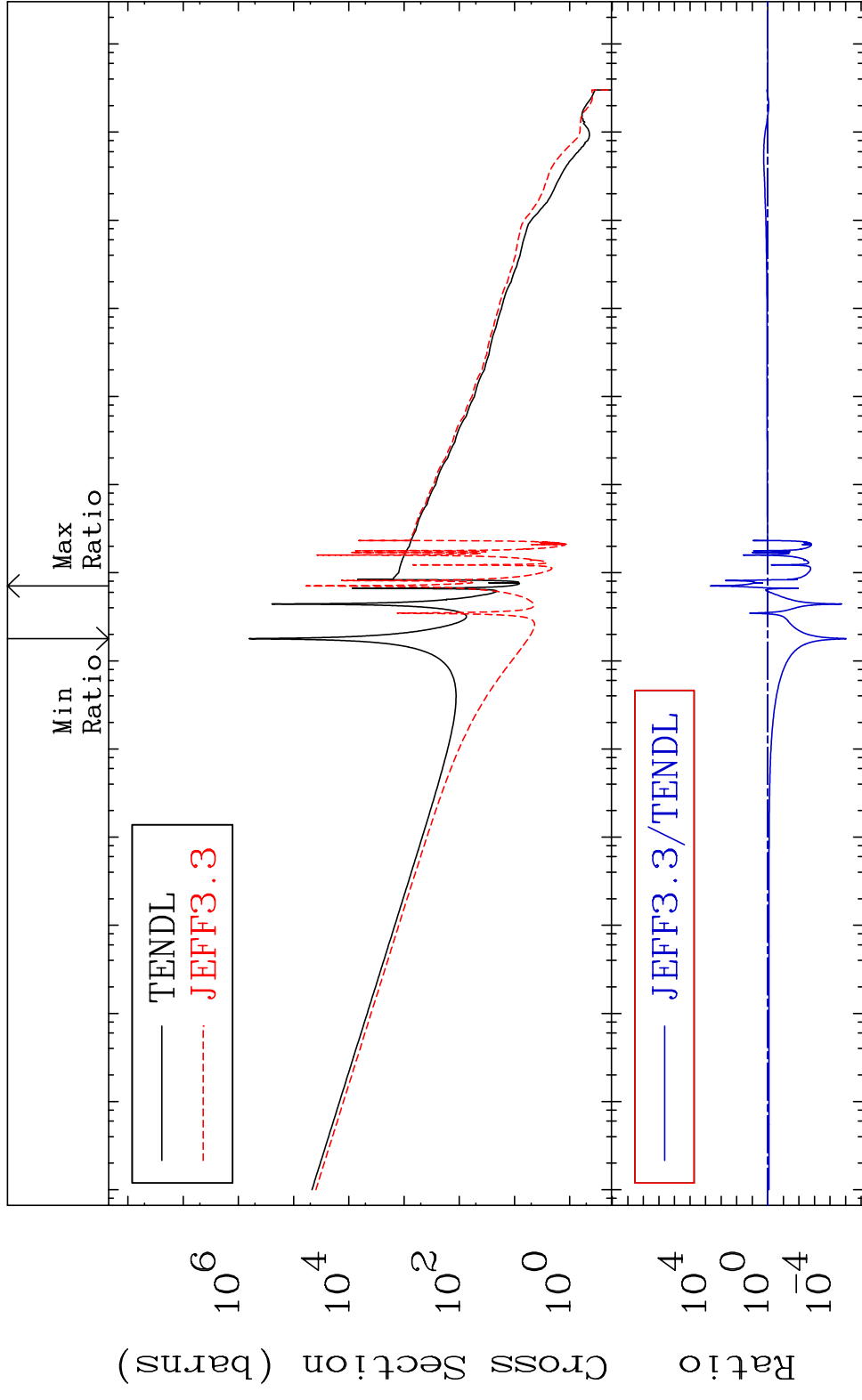
MAT 3313 Kerma inelastic (mt51-91) 33-As-71
 Cross Section -488.5 To 9999. %



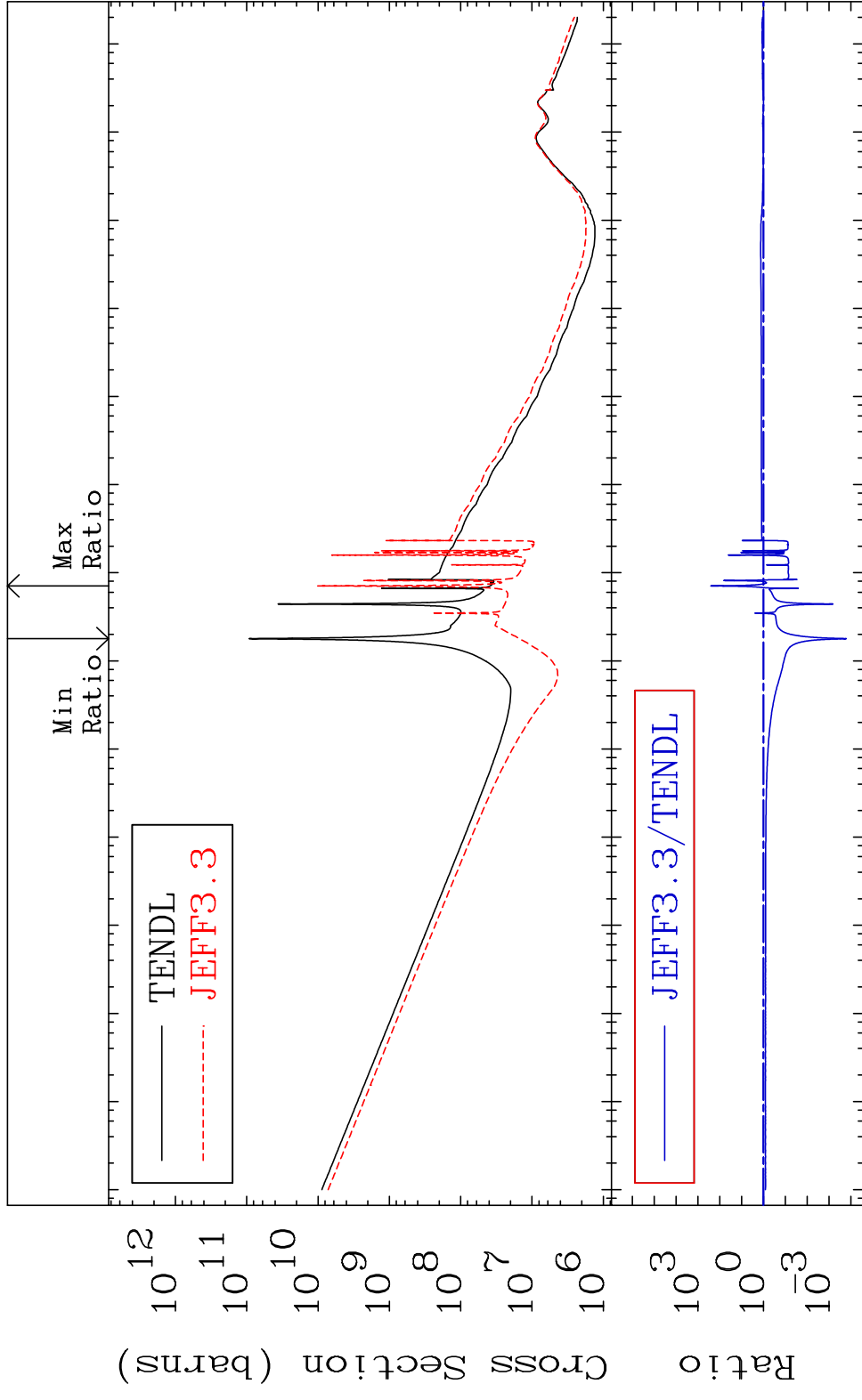
MAT 3313 Kerma fission (mt18 or mt19-20-21-38) 33-As-71
 Cross Section -488.5 To 9999. %



MAT 3313 Kerma capture (mt102) 33-As-71
 Cross Section -100.0 To 9999. %

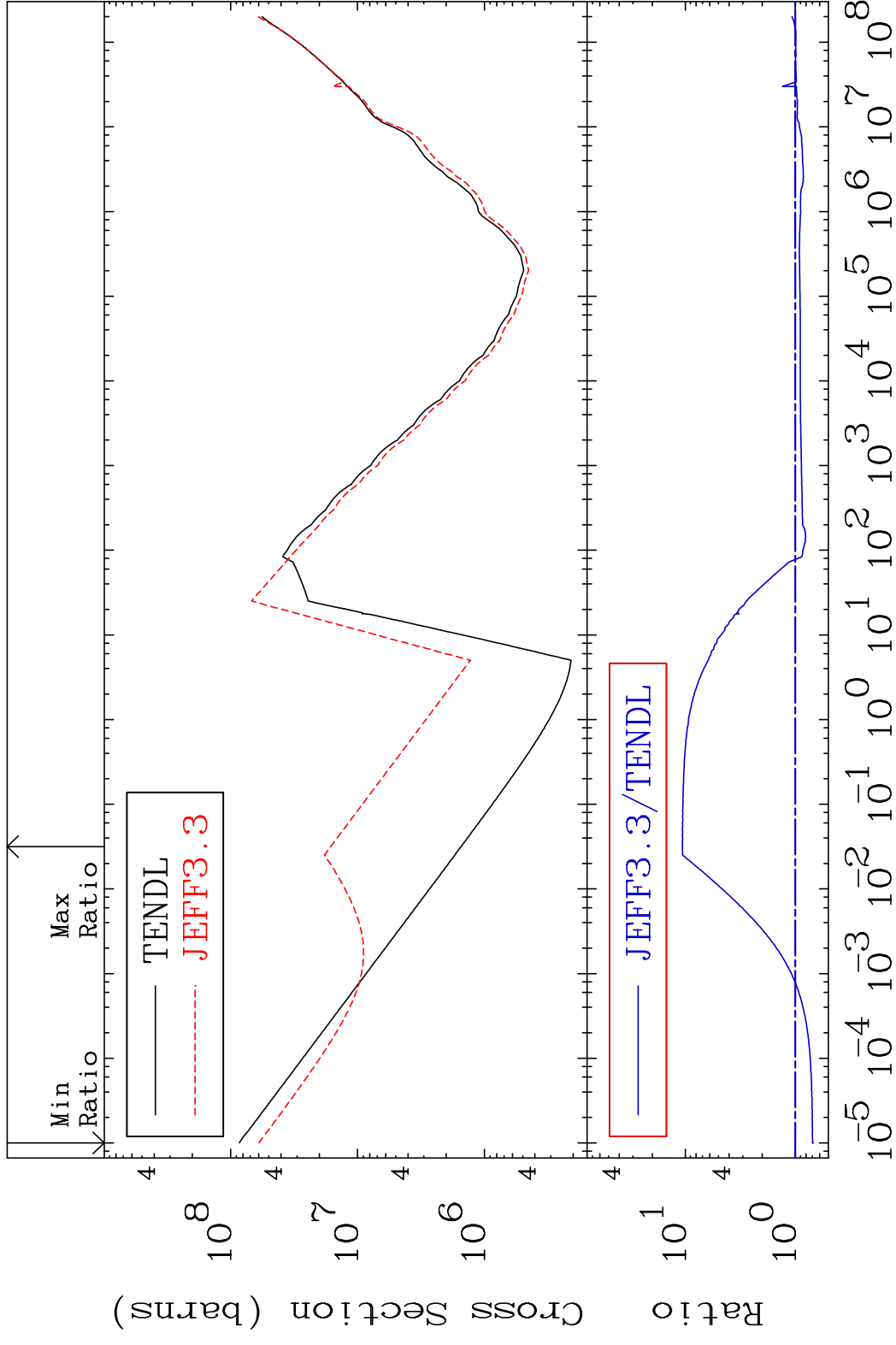


MAT 3313 Total photon (eV-barns) 33-As-71
 Cross Section -99.98 To 9999. %

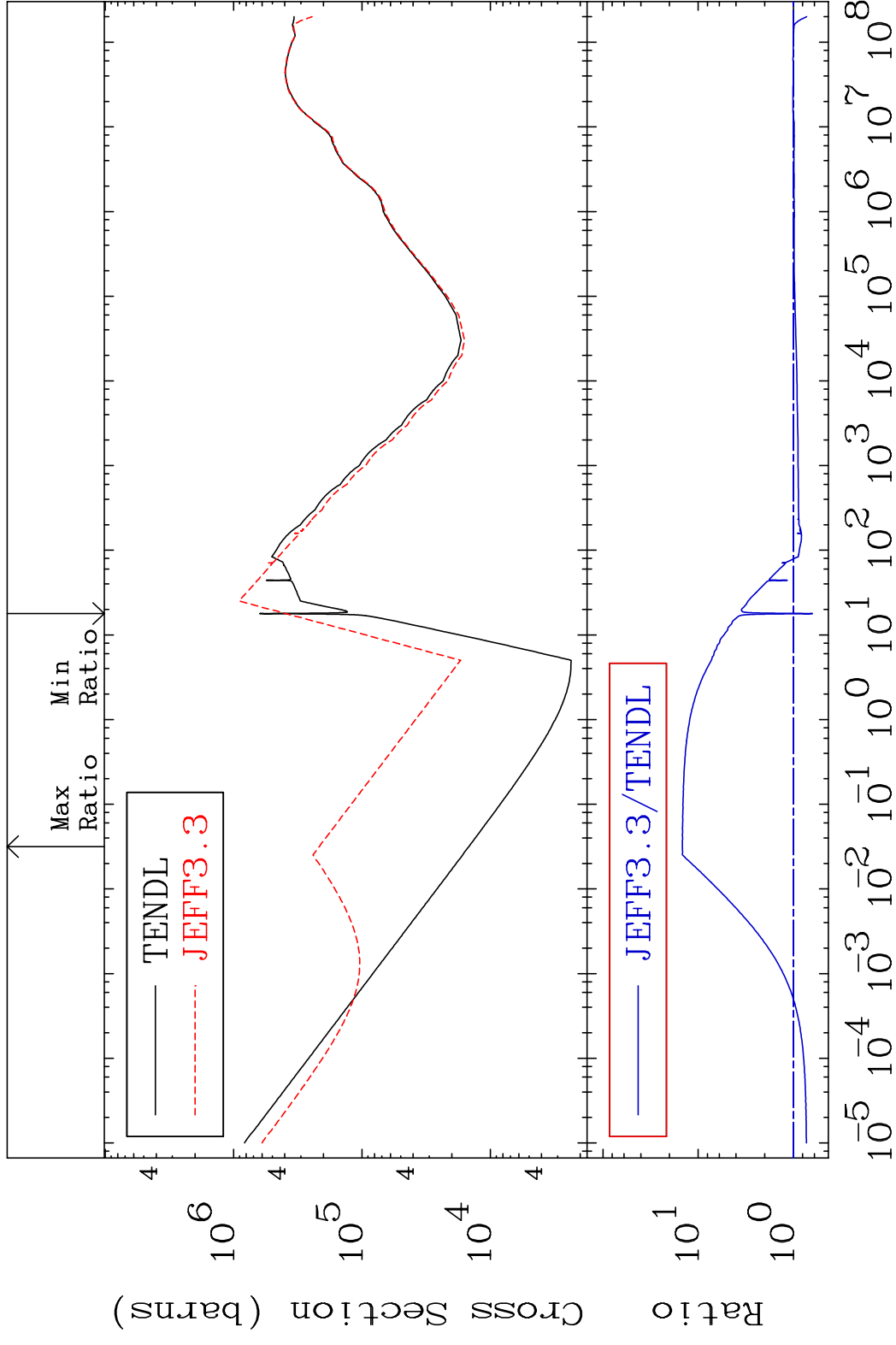


75 Incident Energy (eV) 33-As-71

MAT 3313 Total kinematic kerma (high limit) 33-As-71
 Cross Section -30.20 To 966.2 %



MAT 3313 Dpa total (eV-barns) 33-As-71
 Cross Section -37.11 To 1365. %

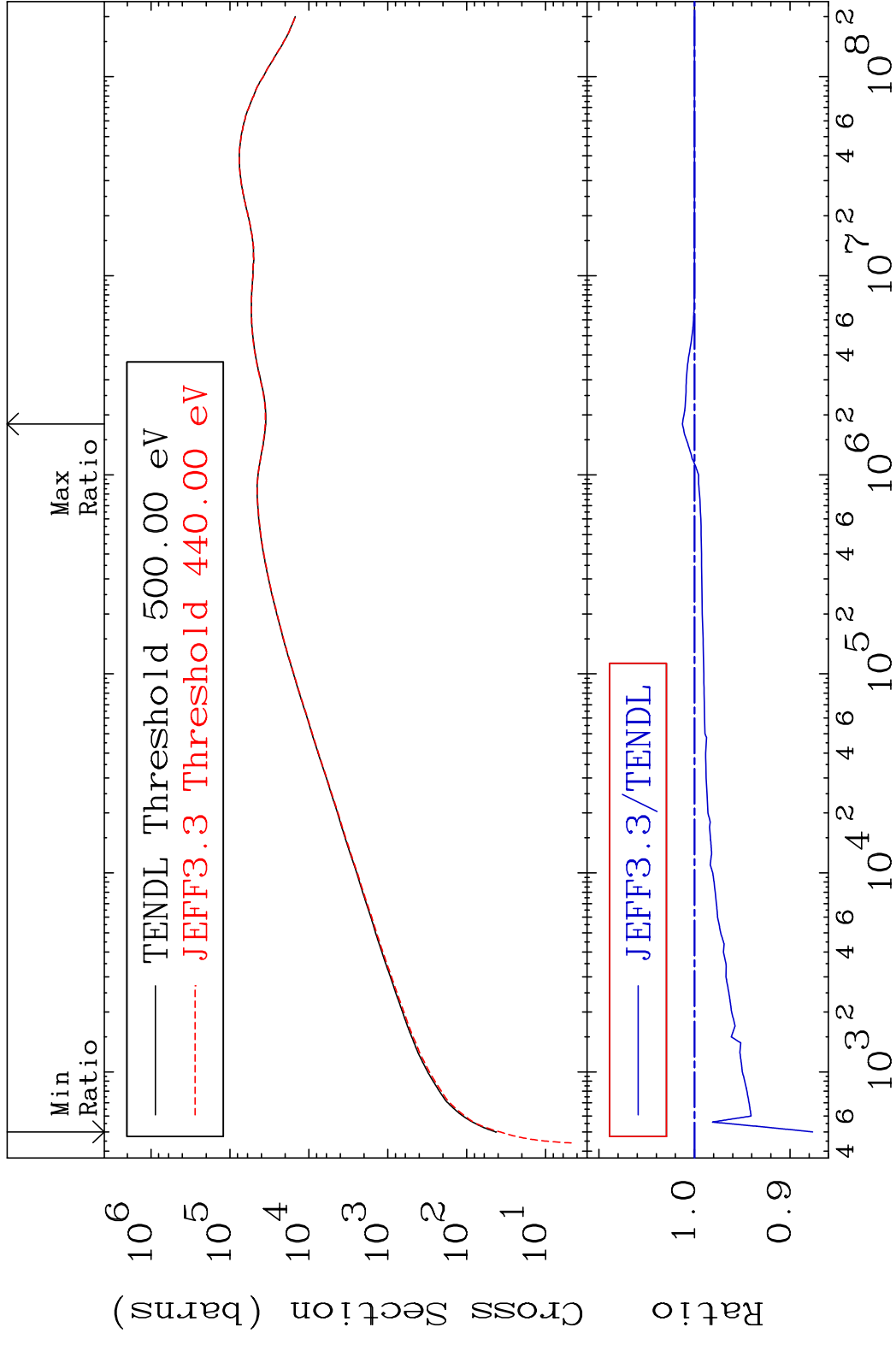


MAT 3313

Dpa elastic (mt2)

33-As-71

Cross Section -12.36 To 1.272 %

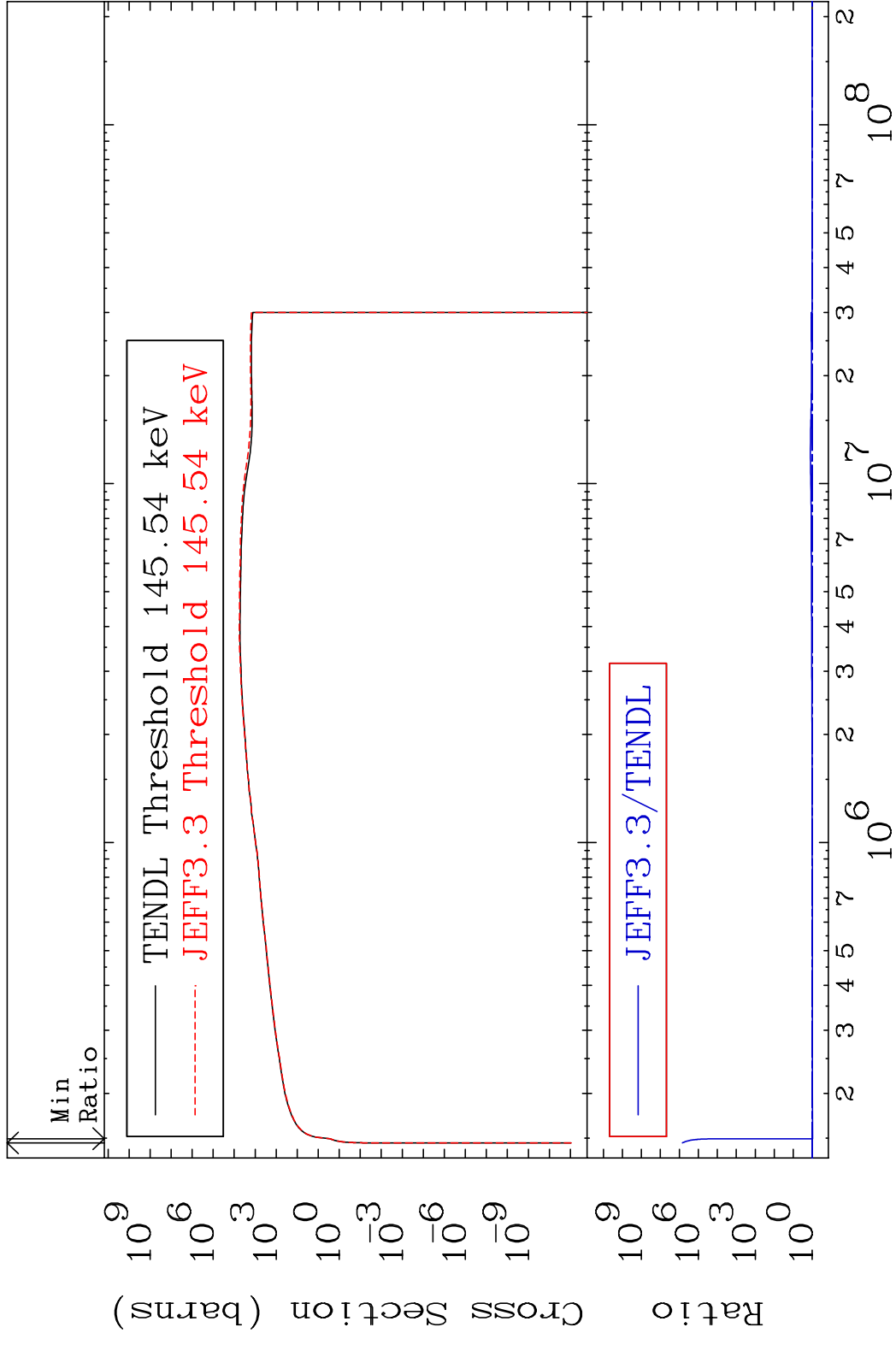


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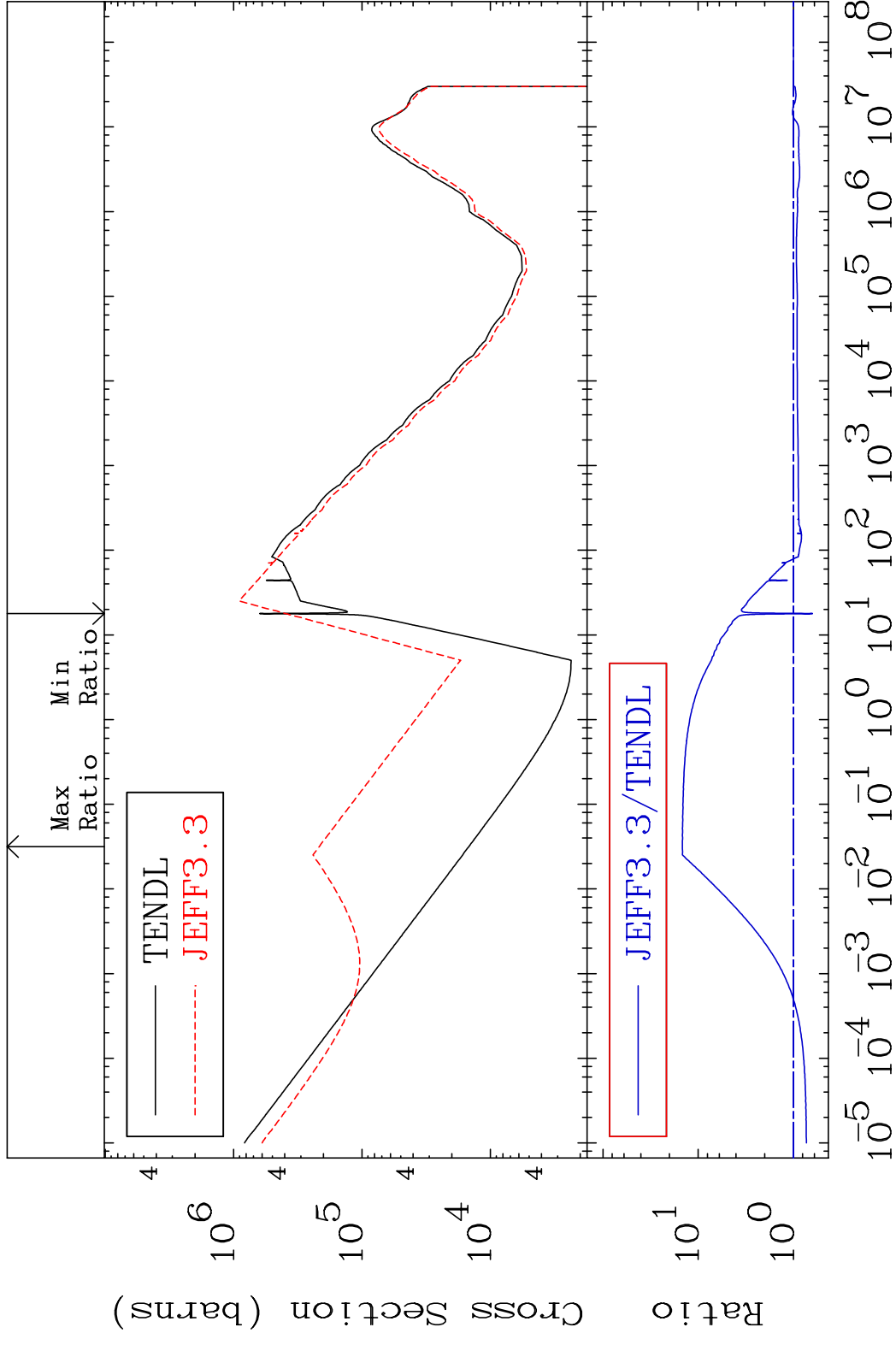
Incident Energy (eV)

33-As-71

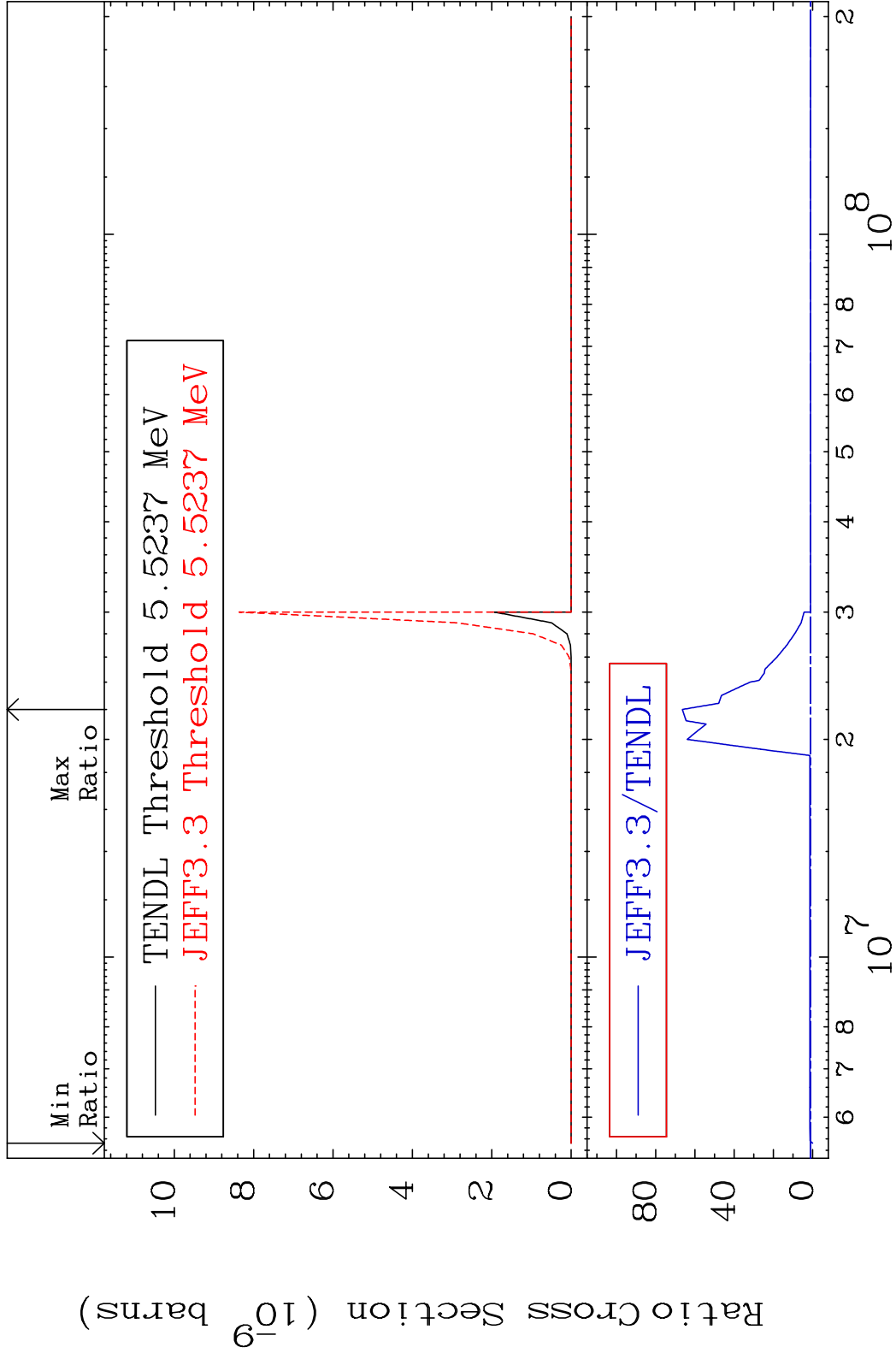
MAT 3313 Dpa inelastic (mt51-91) 33-As-71
 Cross Section -4.141 To 9999. %



MAT 3313 Dpa disappearance (mt102 -120) 33-As-71
 Cross Section -37.11 To 1365. %



MAT 3313 (n,3α):27-Co-60g 33-AS-71
 Radionuclide Production Cross Section Ratio 6542. %



MAT 3313 (n, 3α) : 27-Co-60m1 33-As-71
 Radionuclide Production Cross Section Ratio 9999. %

