

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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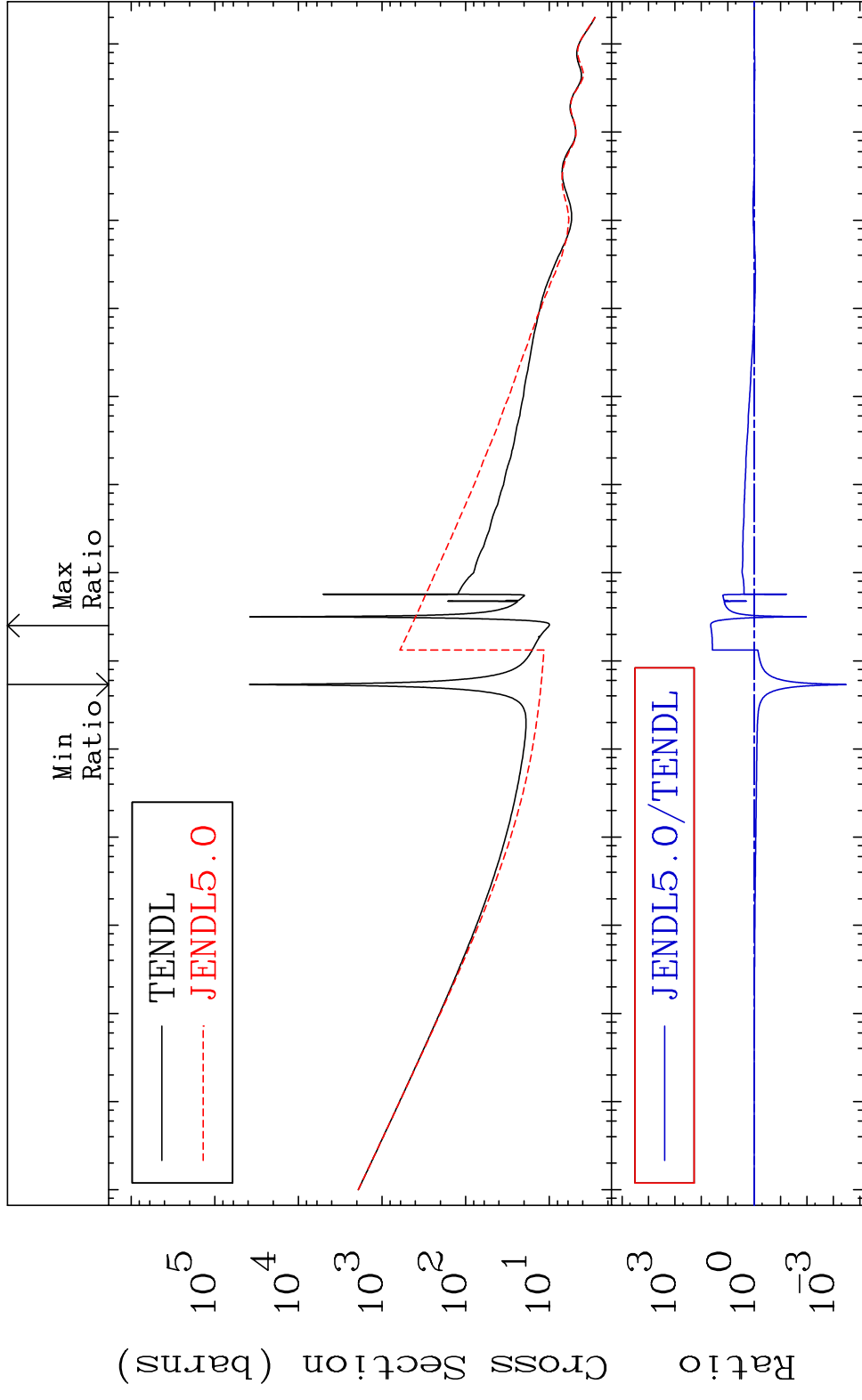
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7652

Total Cross Section -99.97 To 4325. %

76-0s-193



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

Ratio

1

Incident Energy (eV)

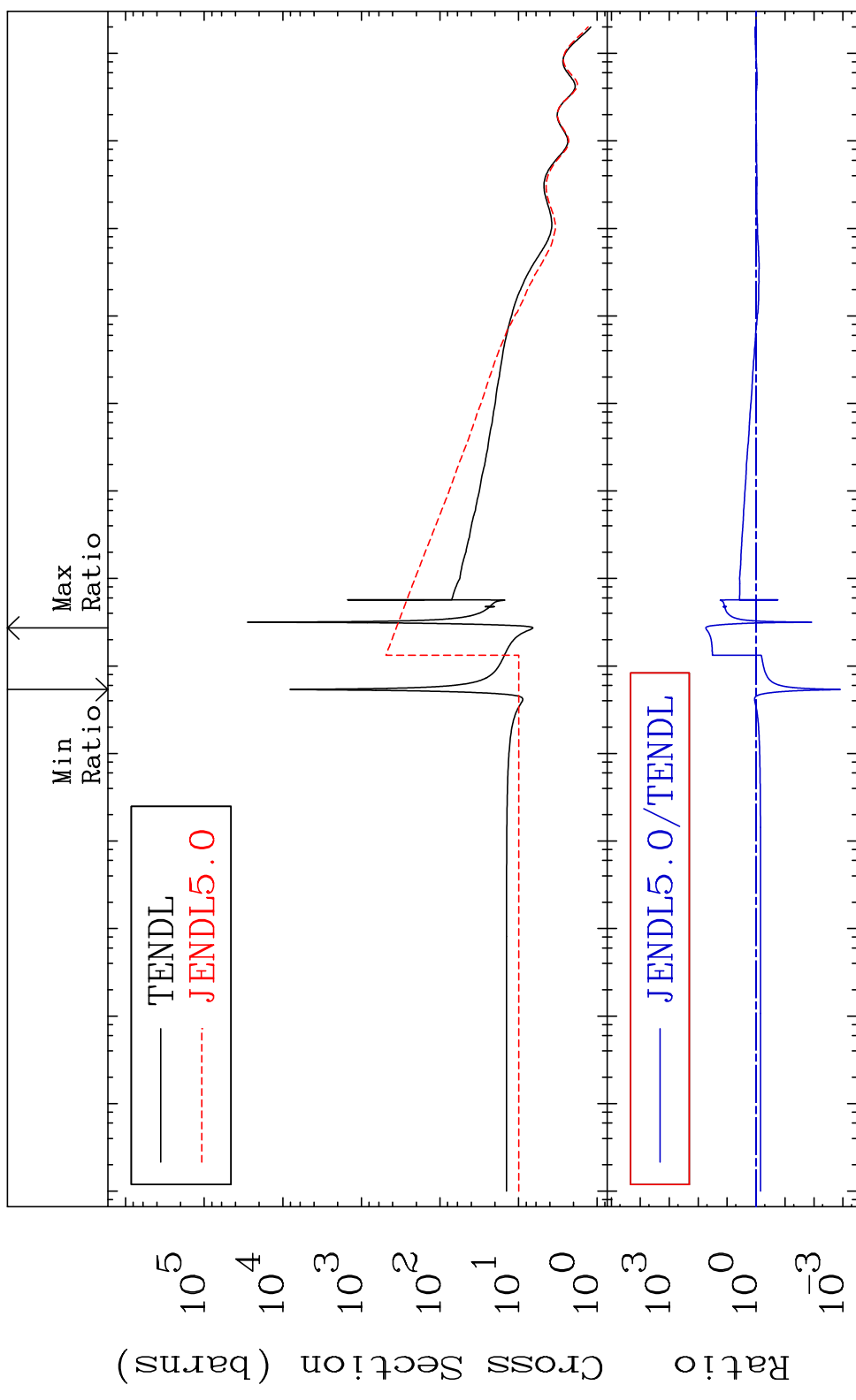
76-0s-193

MAT 7652

76-0s-193

Elastic

Cross Section -99.88 To 5367. %



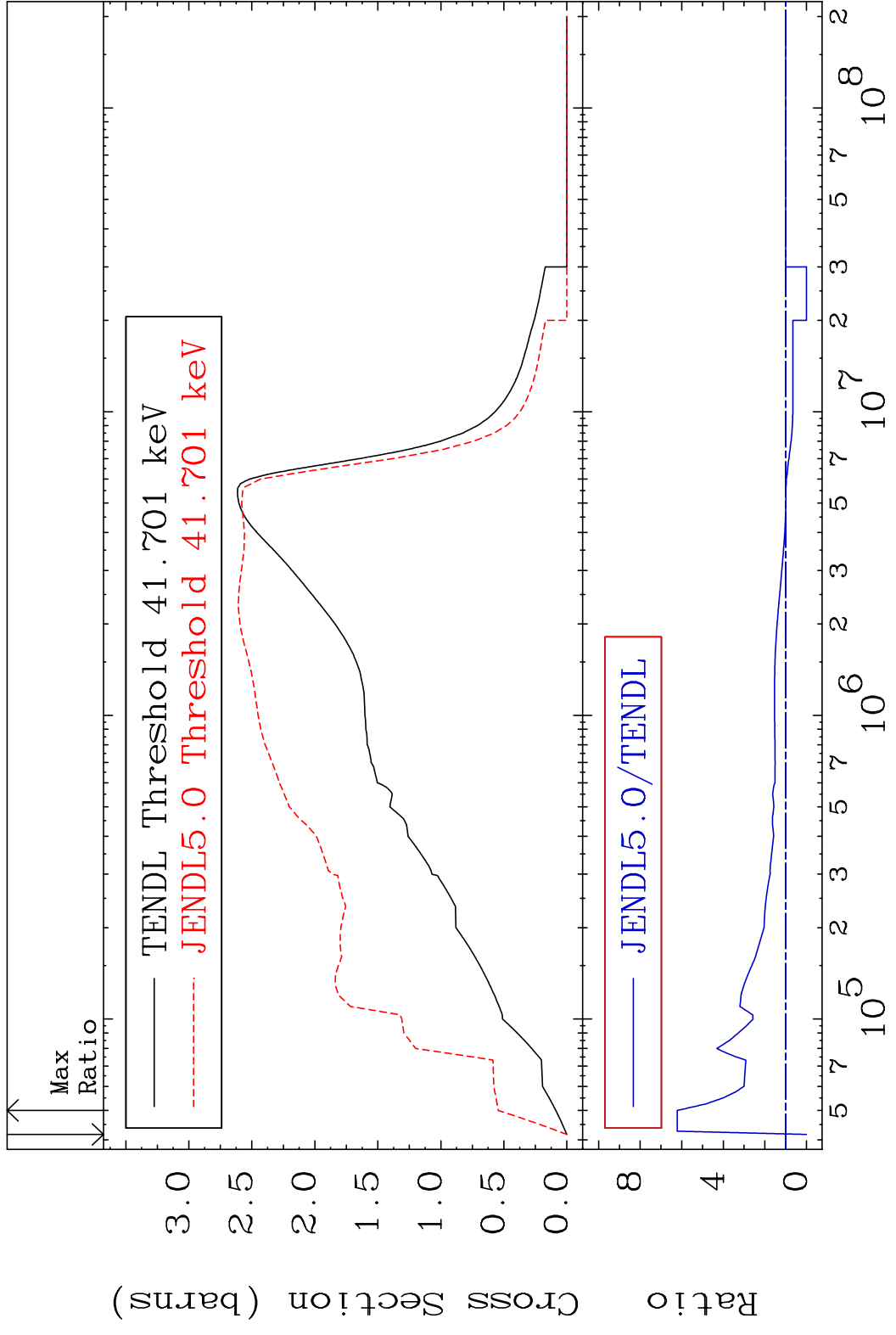
Ratio

2

Incident Energy (eV)

76-0s-193

MAT 7652 Inelastic 76-0s-193
 Cross Section -100.0 To 521.9 %



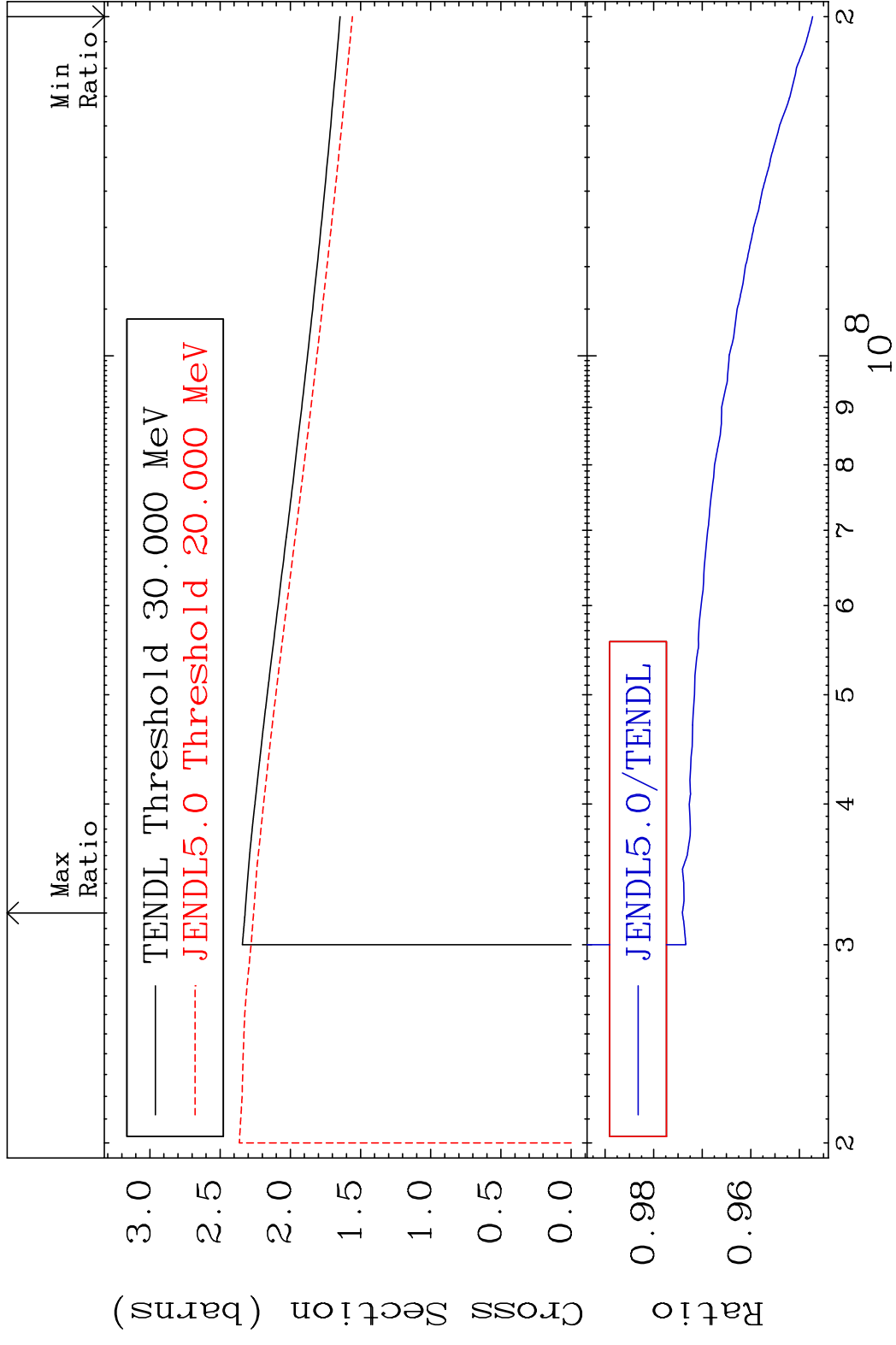
MAT 7652

(n, remainder)

76-0s-193

Cross Section

-5.273 To -2.591%

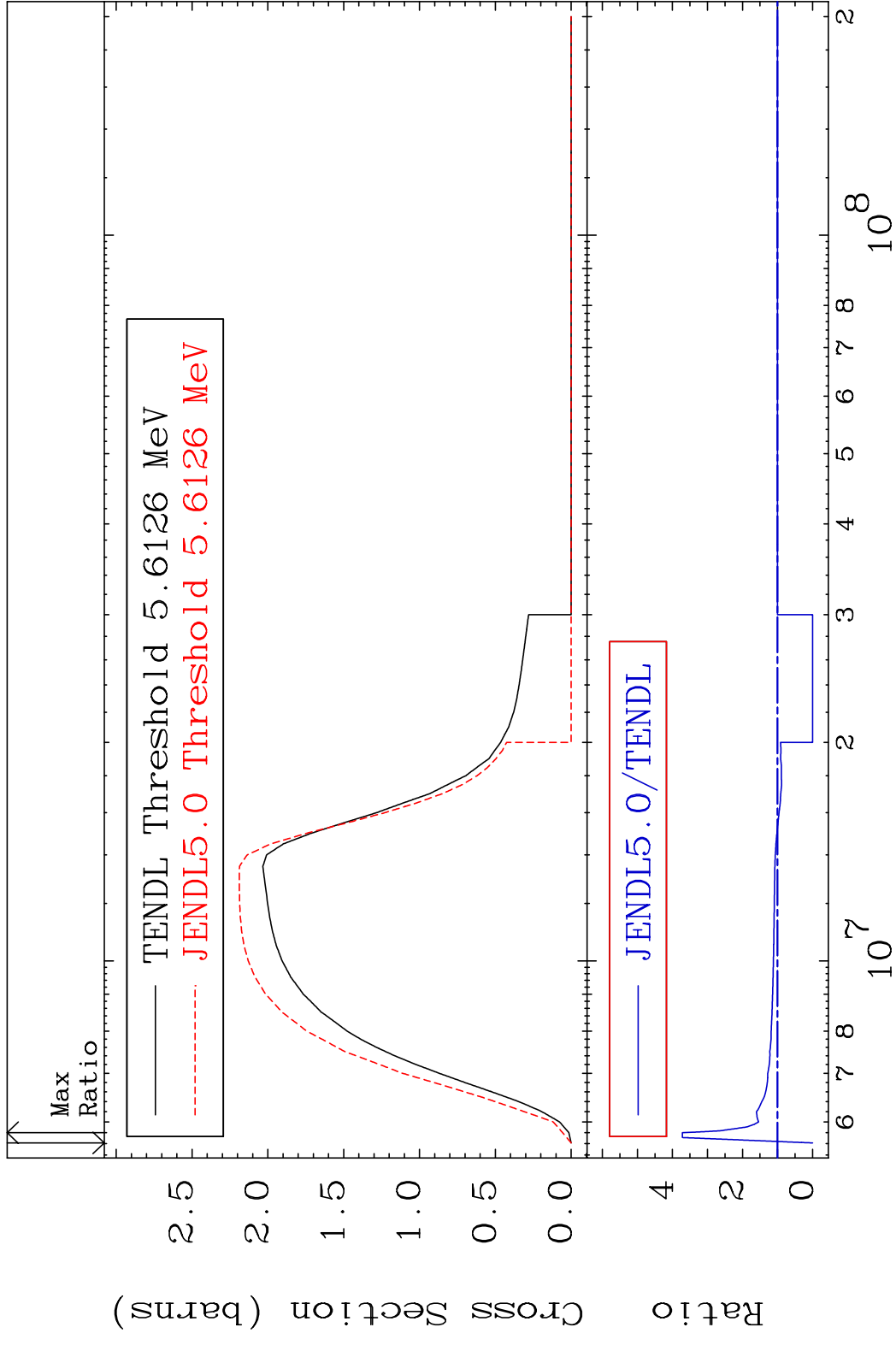


4

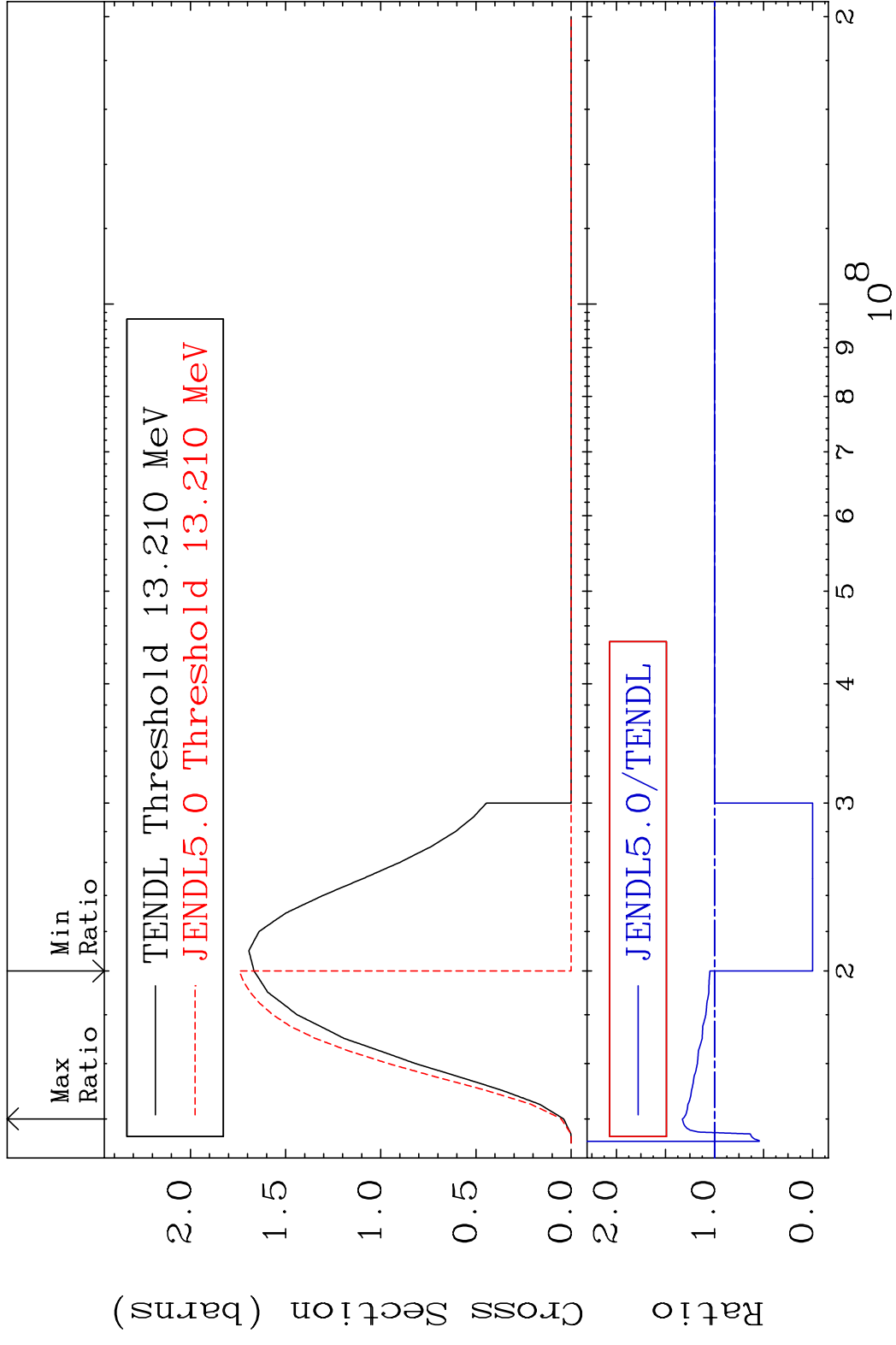
Incident Energy (eV)

76-0s-193

MAT 7652 (n,2n) 76-0s-193
 Cross Section -100.0 To 271.7 %



MAT 7652 (n,3n) 76-0s-193
 Cross Section -100.0 To 32.80 %

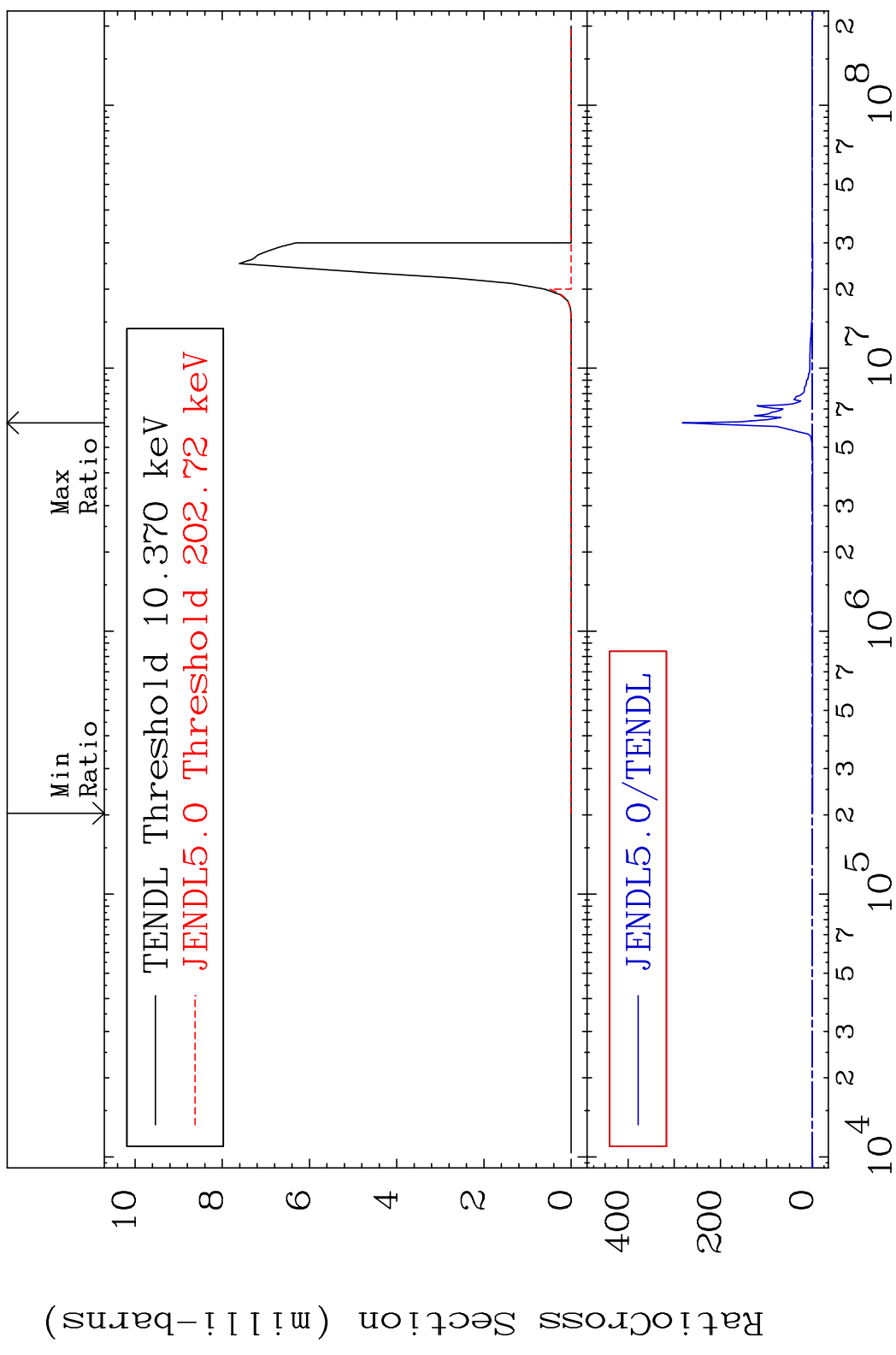


MAT 7652

(n, n') α

76-0s-193

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

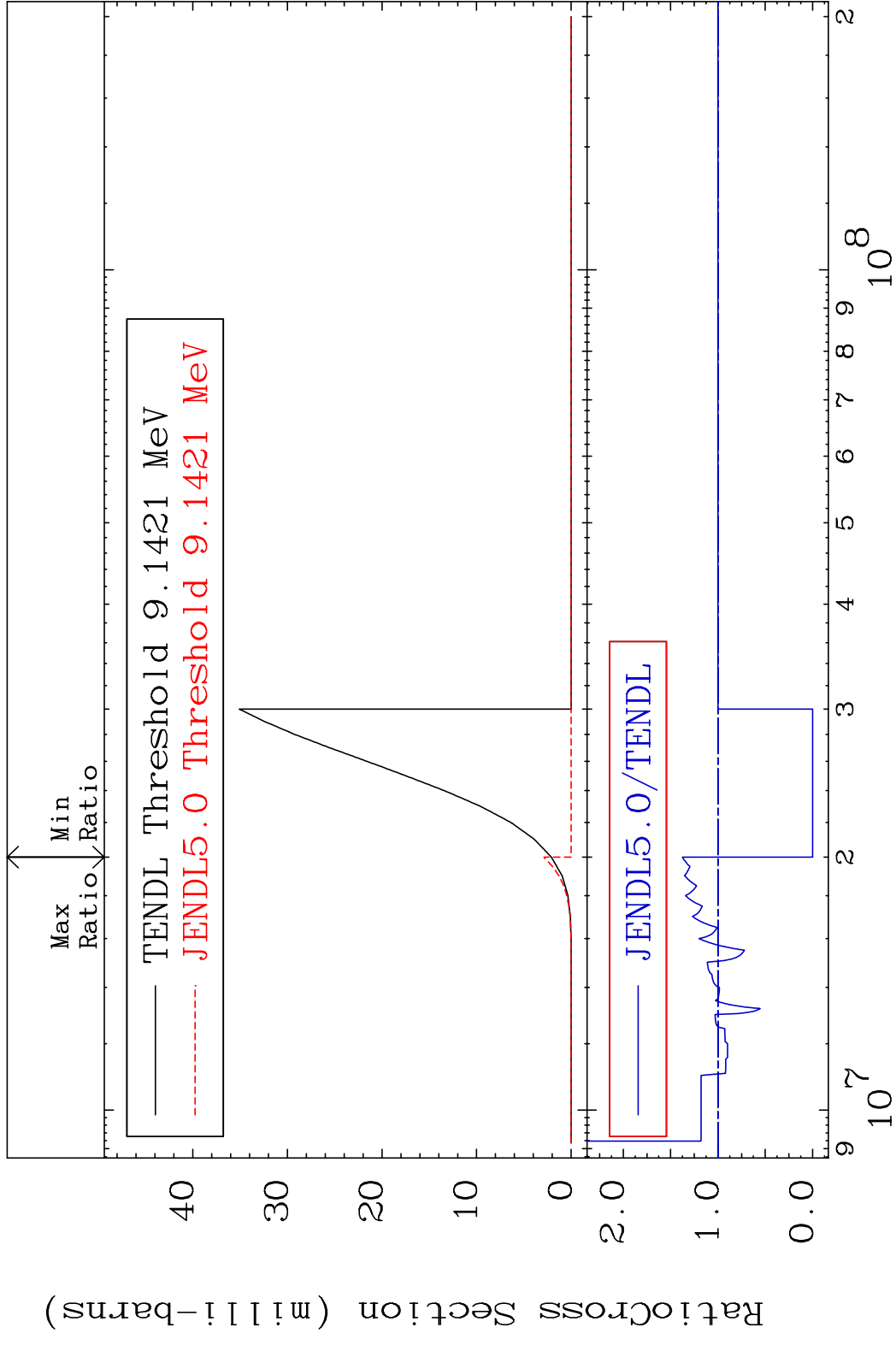
76-0s-193

MAT 7652

(n, n') p

76-0s-193

Cross Section -100.0 To 37.58 %



8

Incident Energy (eV)

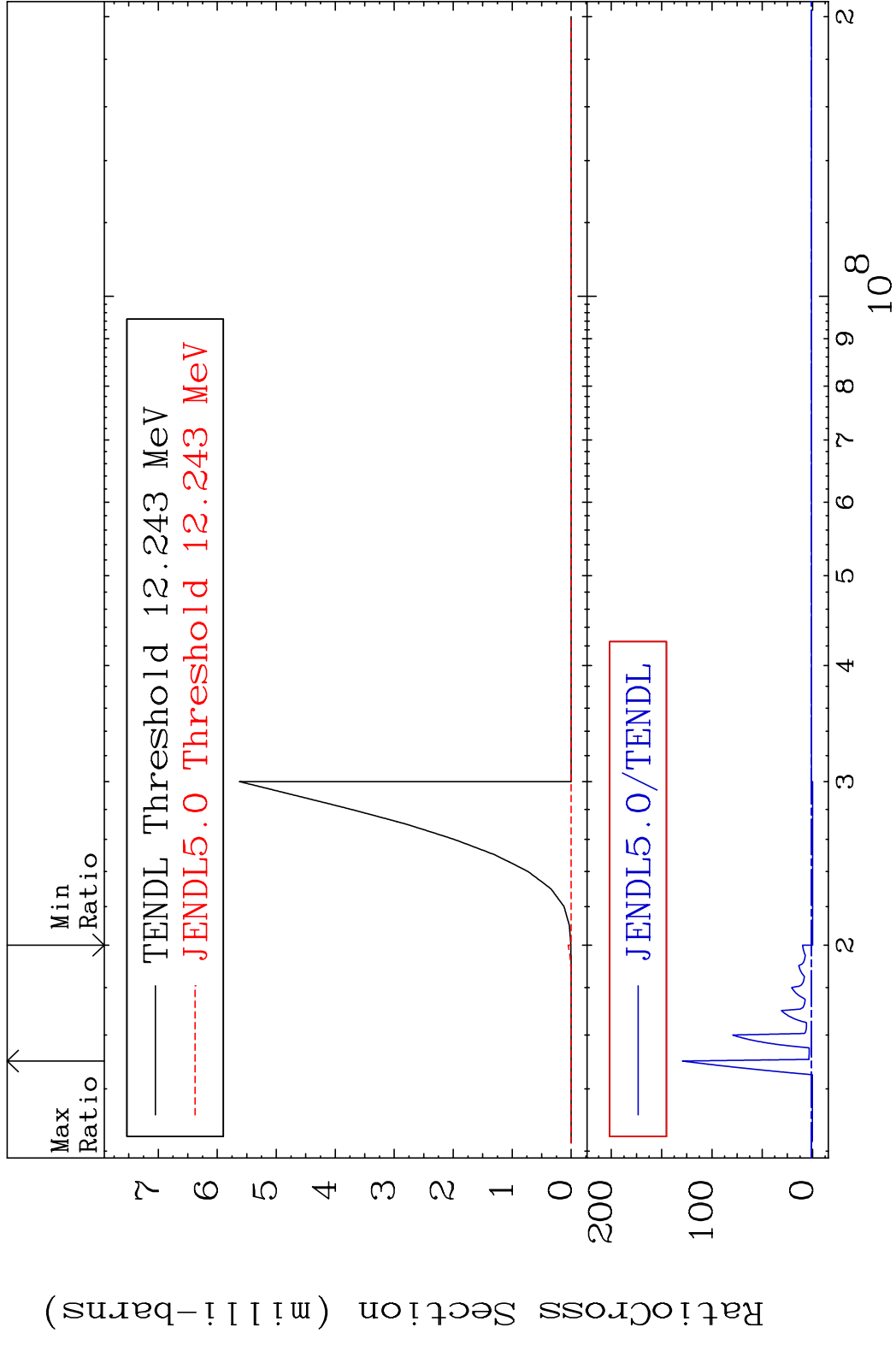
76-0s-193

MAT 7652

(n, n') d

76-0s-193

Cross Section -100.0 To 9999. %

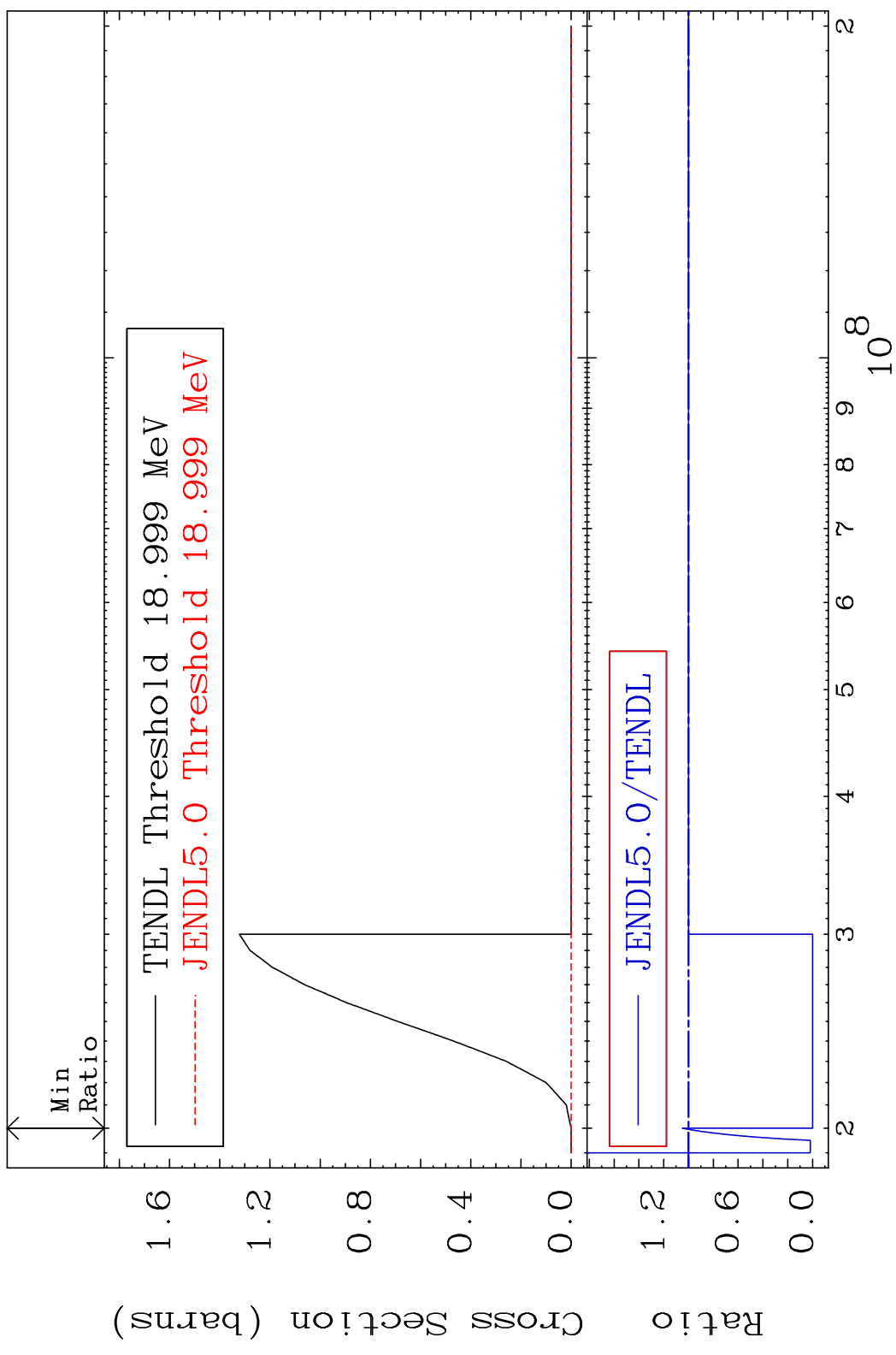


MAT 7652

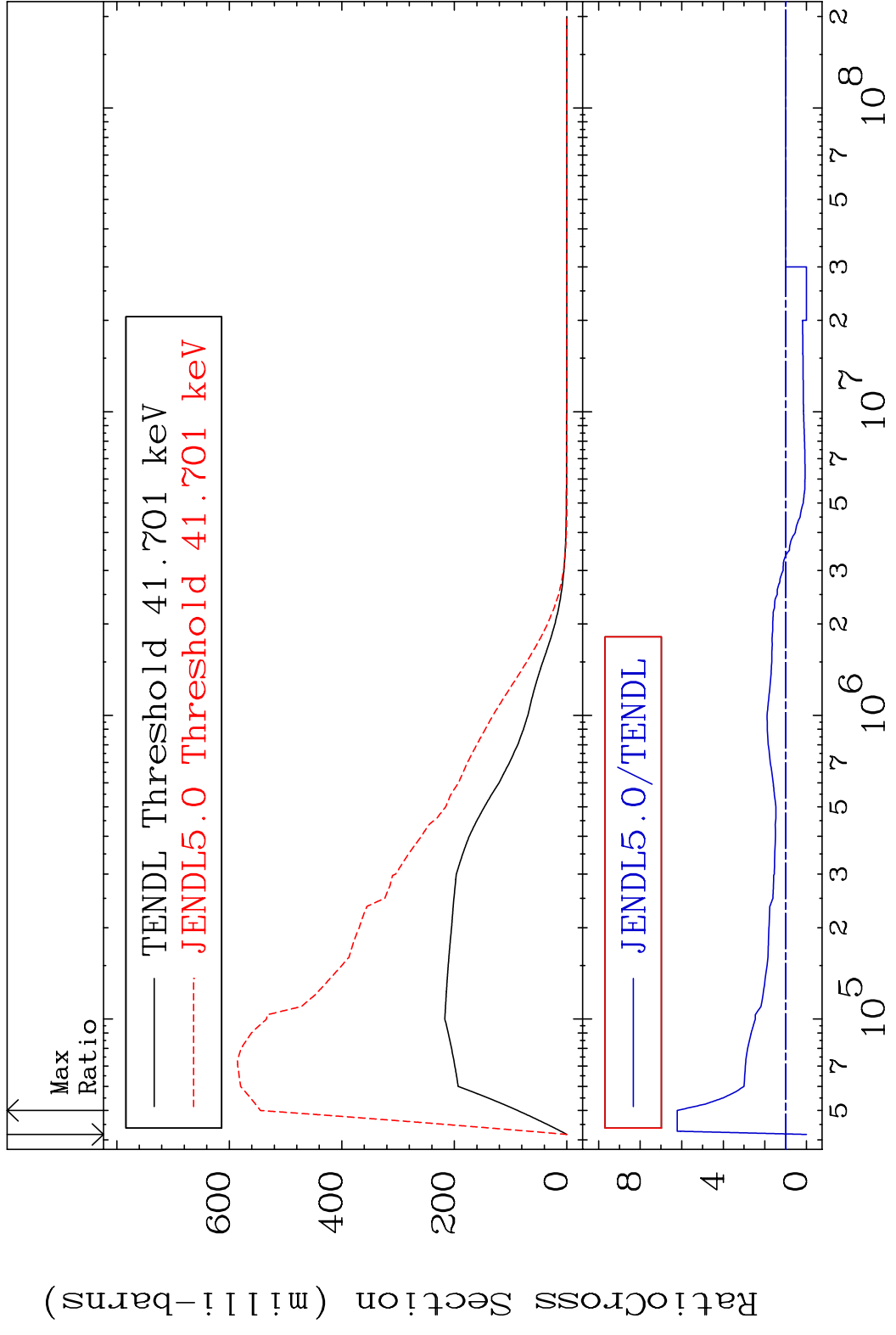
(n,4n)

76-0s-193

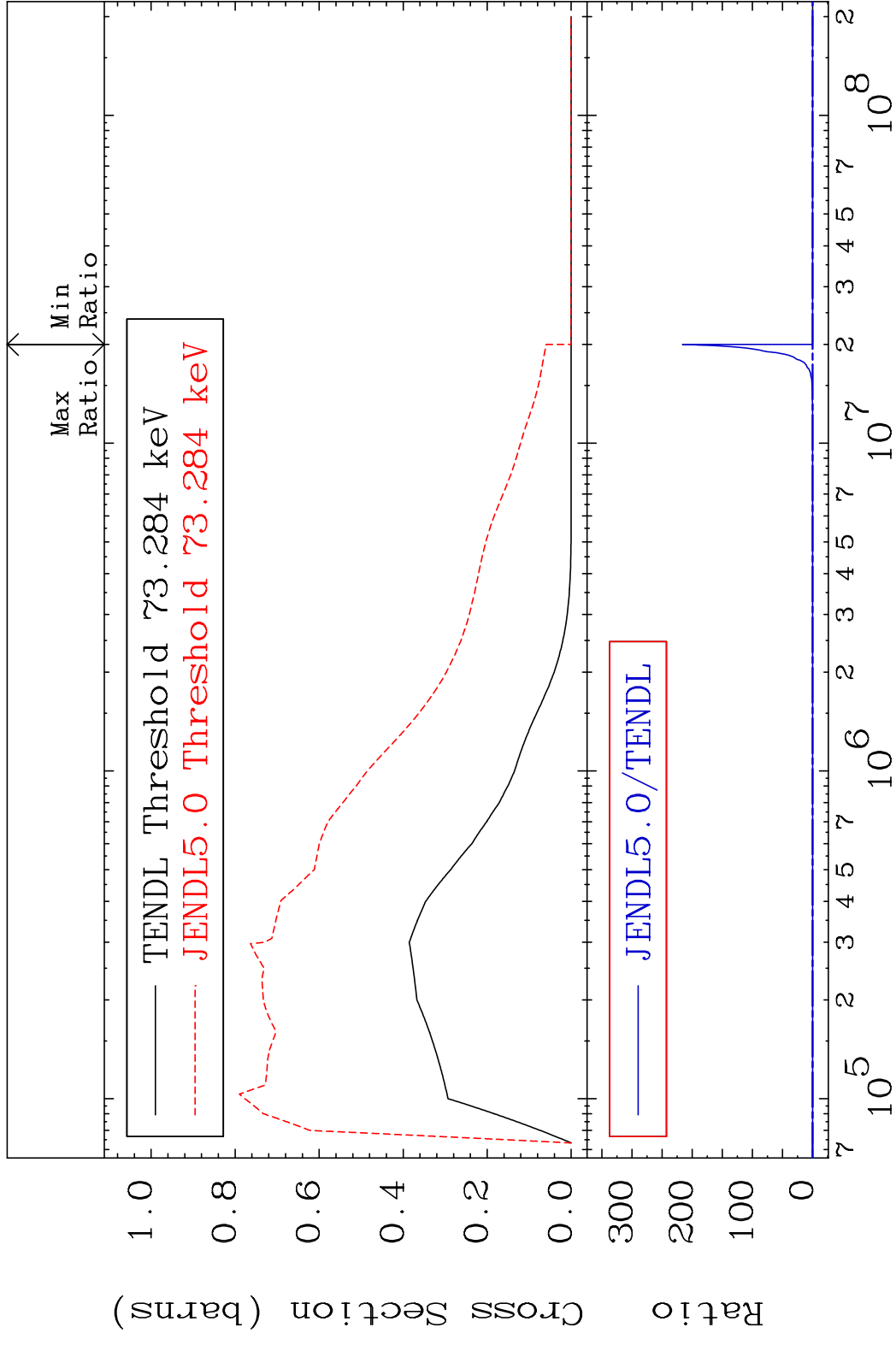
Cross Section -100.0 To 4.970 %



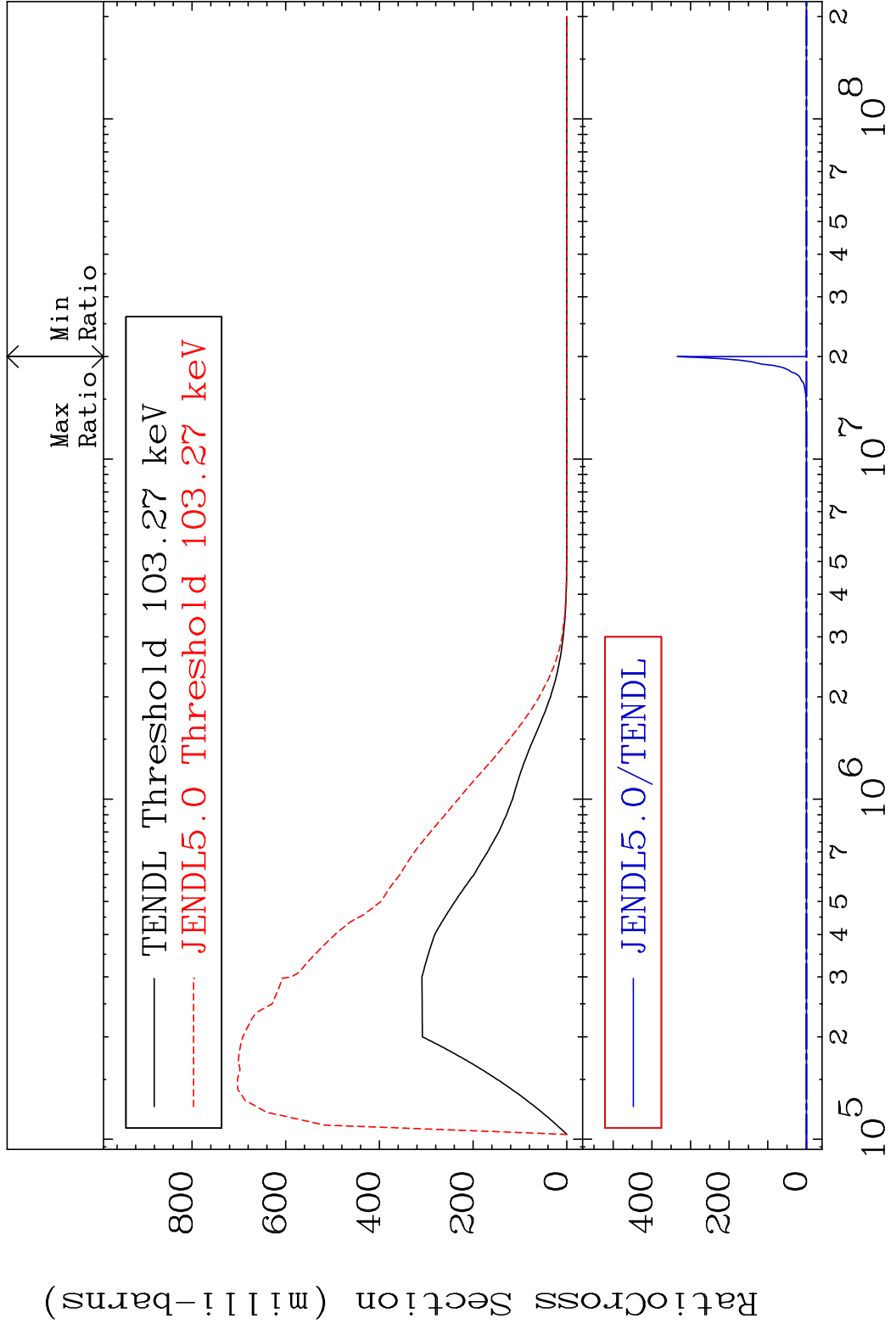
MAT 7652 MT= 51 (n,n') Level 76-0s-193
 Cross Section -100.0 To 521.9 %



MAT 7652 MT= 52 (n,n') Level 76-0s-193
 Cross Section -100.0 To 9999. %

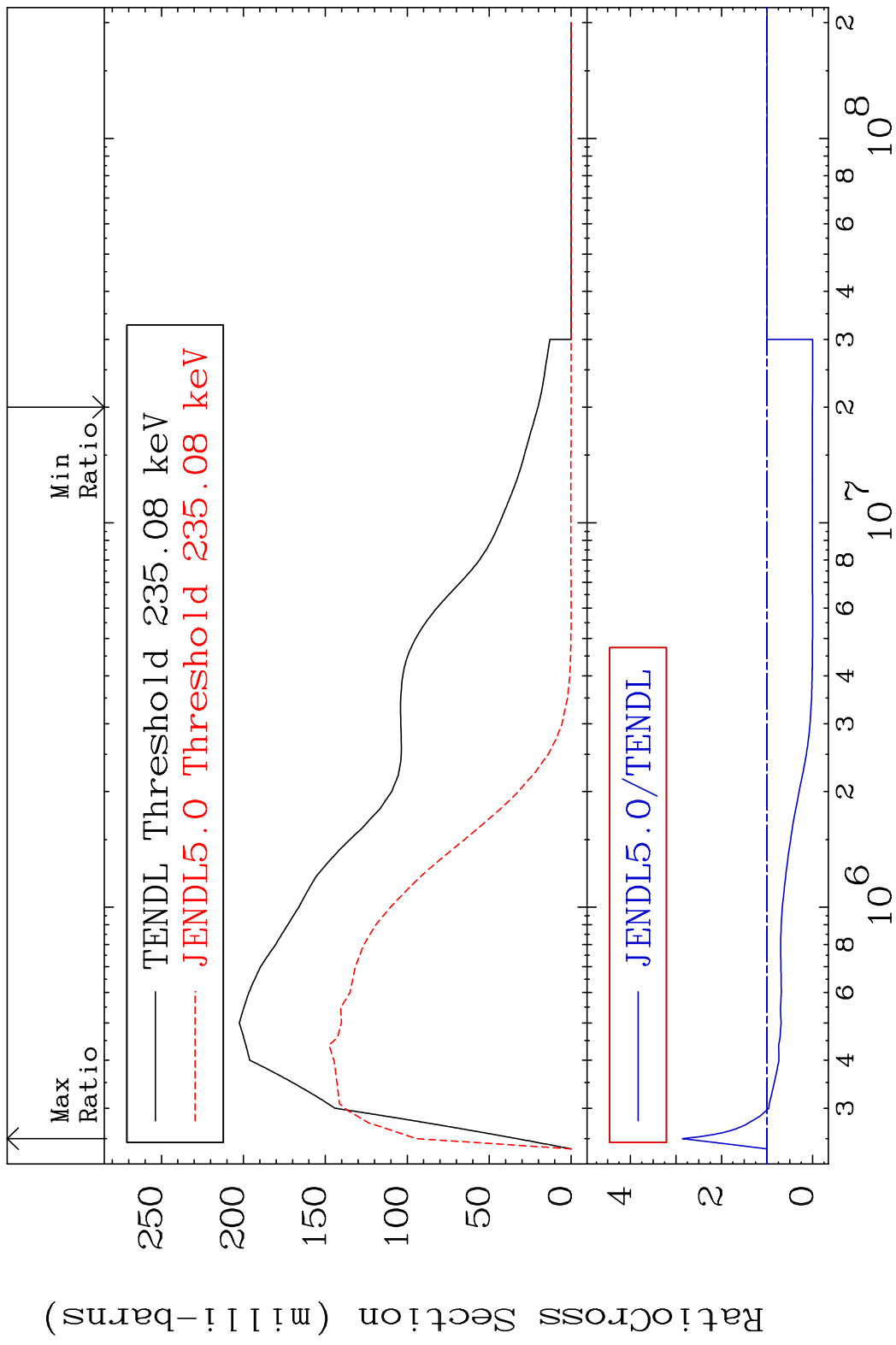


MAT 7652 MT= 53 (n,n') Level 76-0s-193
 Cross Section -100.0 To 9999. %

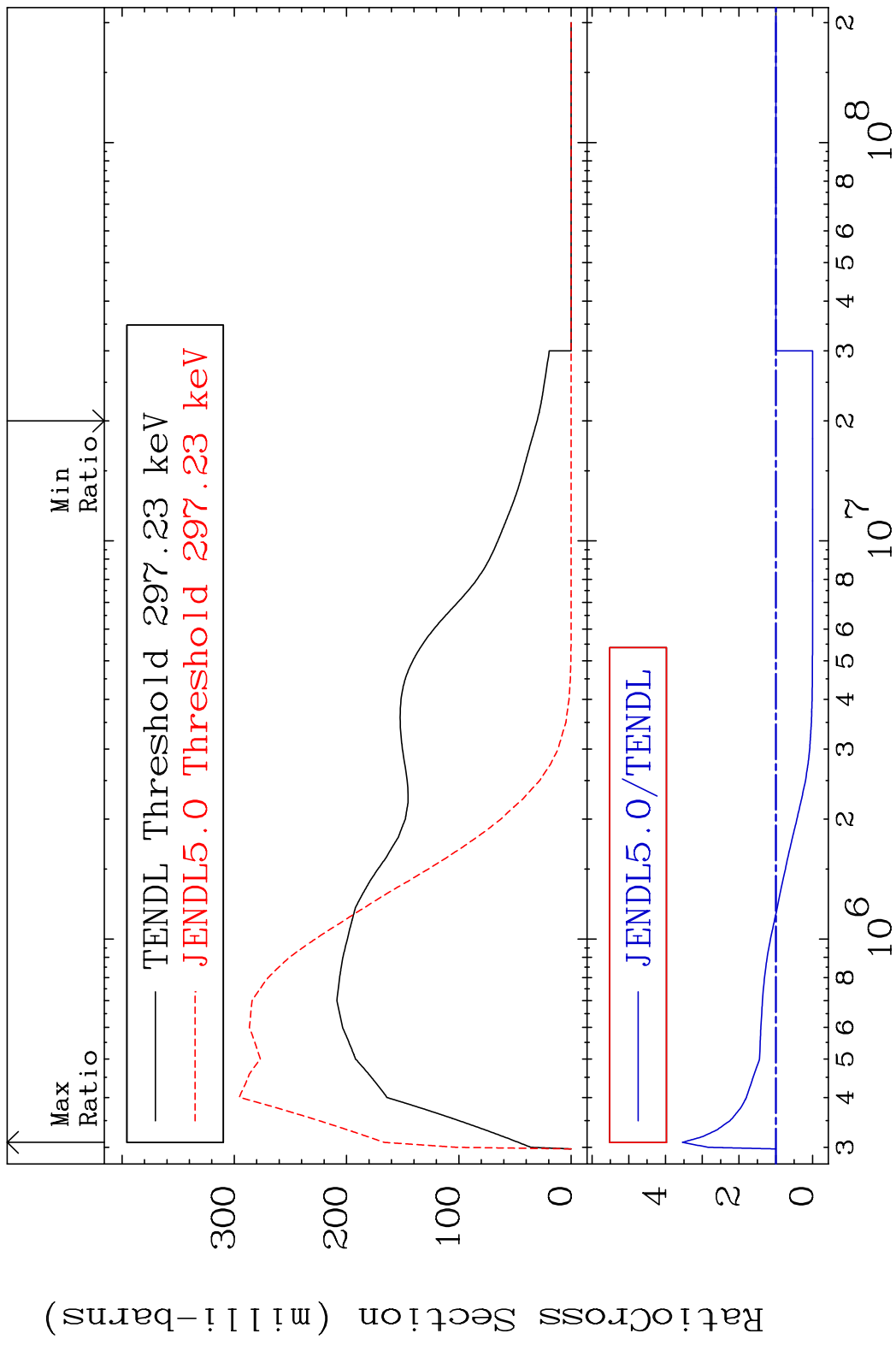


13 Incident Energy (eV) 76-0s-193

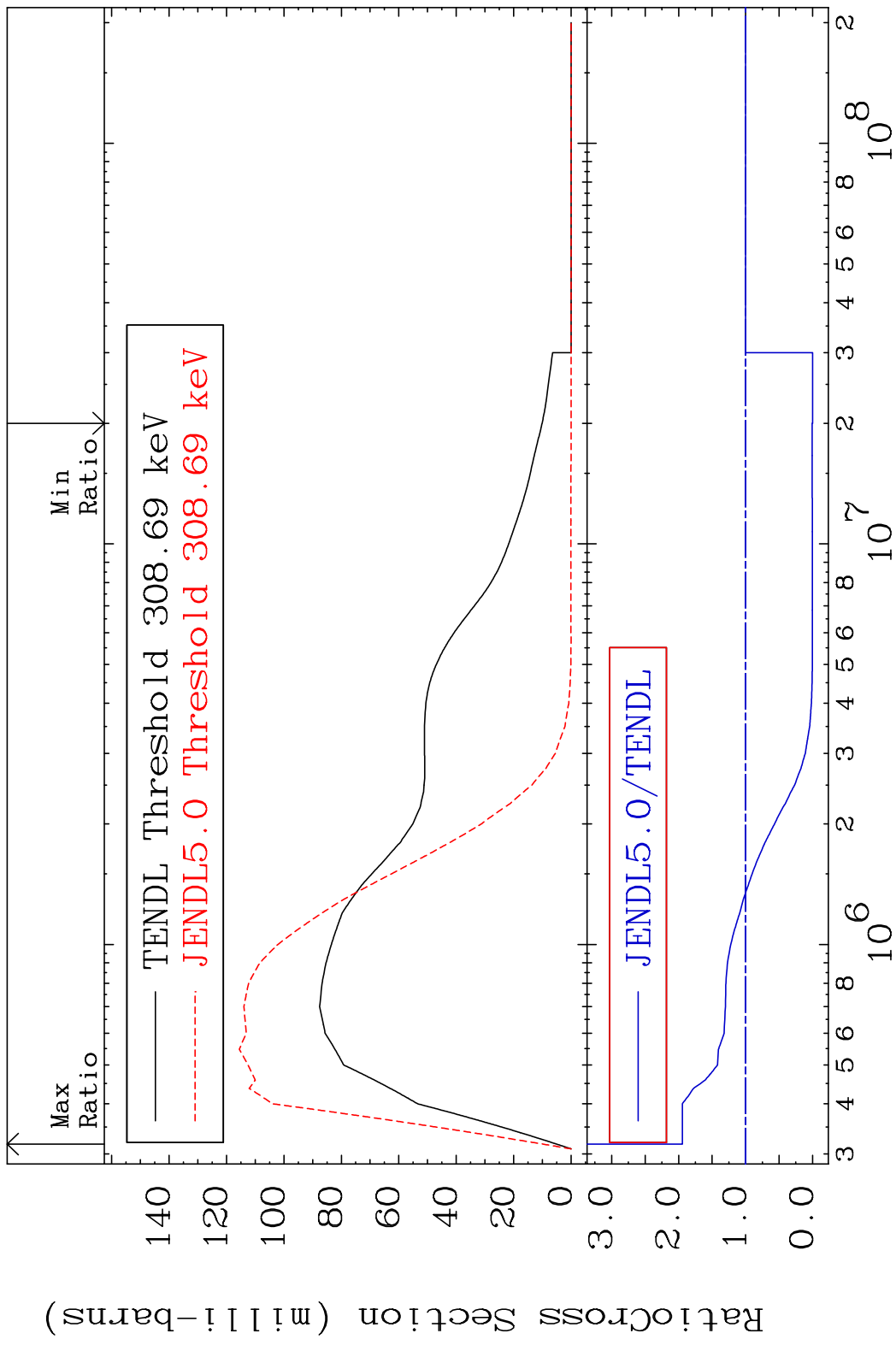
MAT 7652 MT= 54 (n, n') Level 76-0s-193
 Cross Section -100.0 To 186.0 %



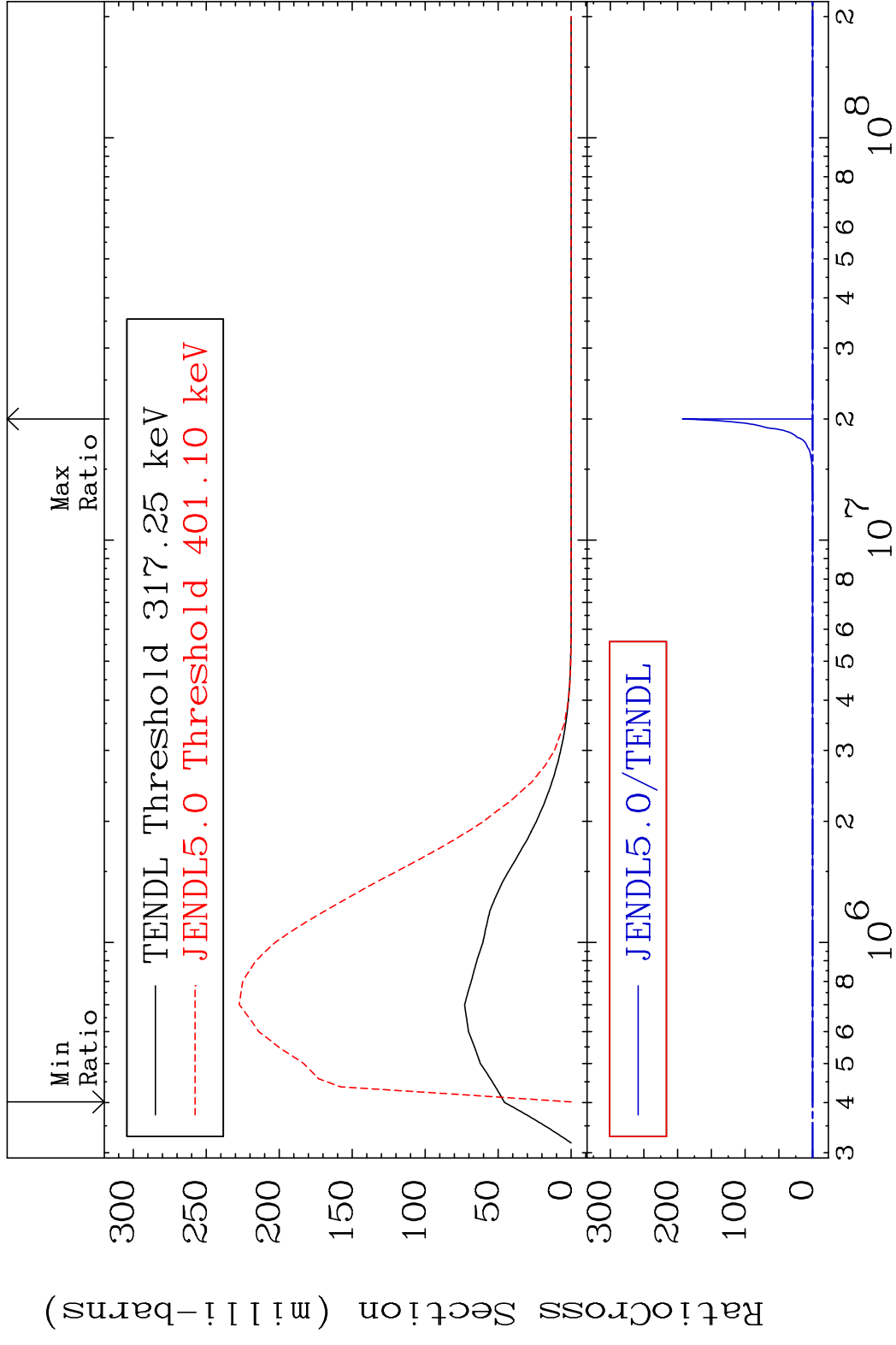
MAT 7652 MT= 55 (n,n') Level 76-0s-193
 Cross Section -100.0 To 254.2 %



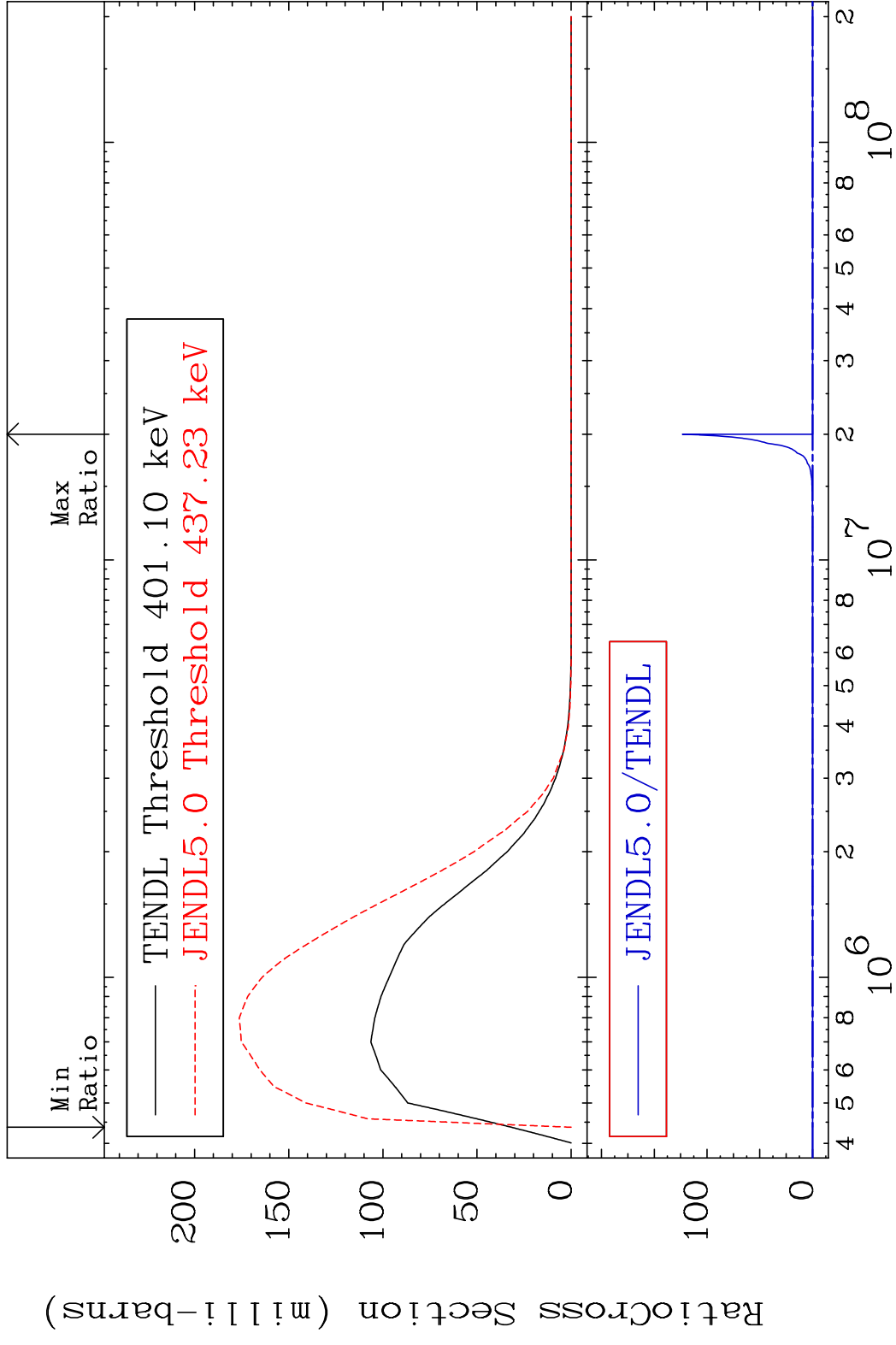
MAT 7652 MT= 56 (n,n') Level 76-0s-193
 Cross Section -100.0 To 94.44 %



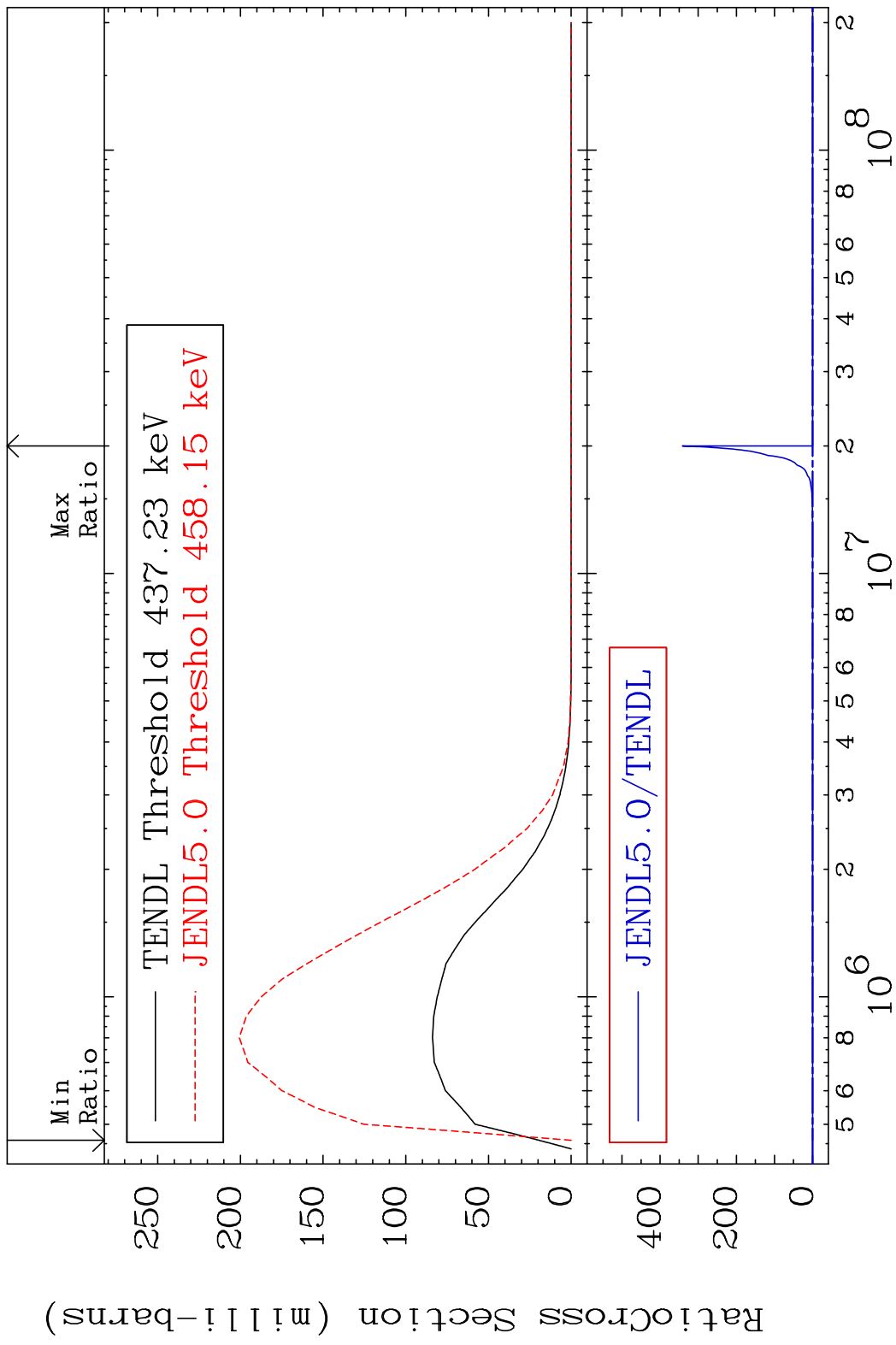
MAT 7652 MT= 57 (n, n') Level 76-0s-193
 Cross Section -100.0 To 9999. %



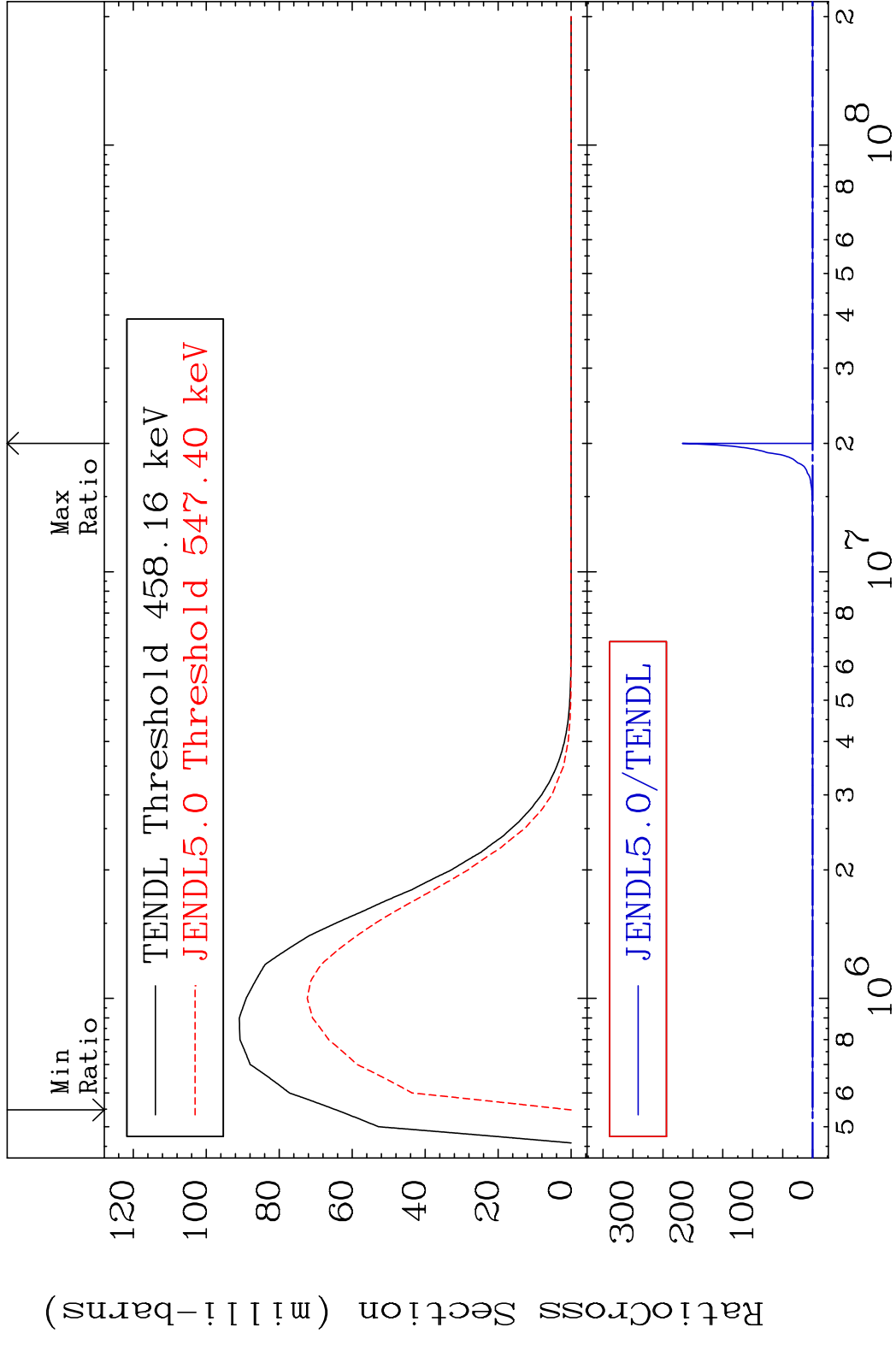
MAT 7652 MT= 58 (n, n') Level 76-0s-193
 Cross Section -100.0 To 9999. %



MAT 7652 MT= 59 (n, n') Level 76-0s-193
 Cross Section -100.0 To 9999. %



MAT 7652 MT= 60 (n, n') Level 76-0s-193
 Cross Section -100.0 To 9999. %



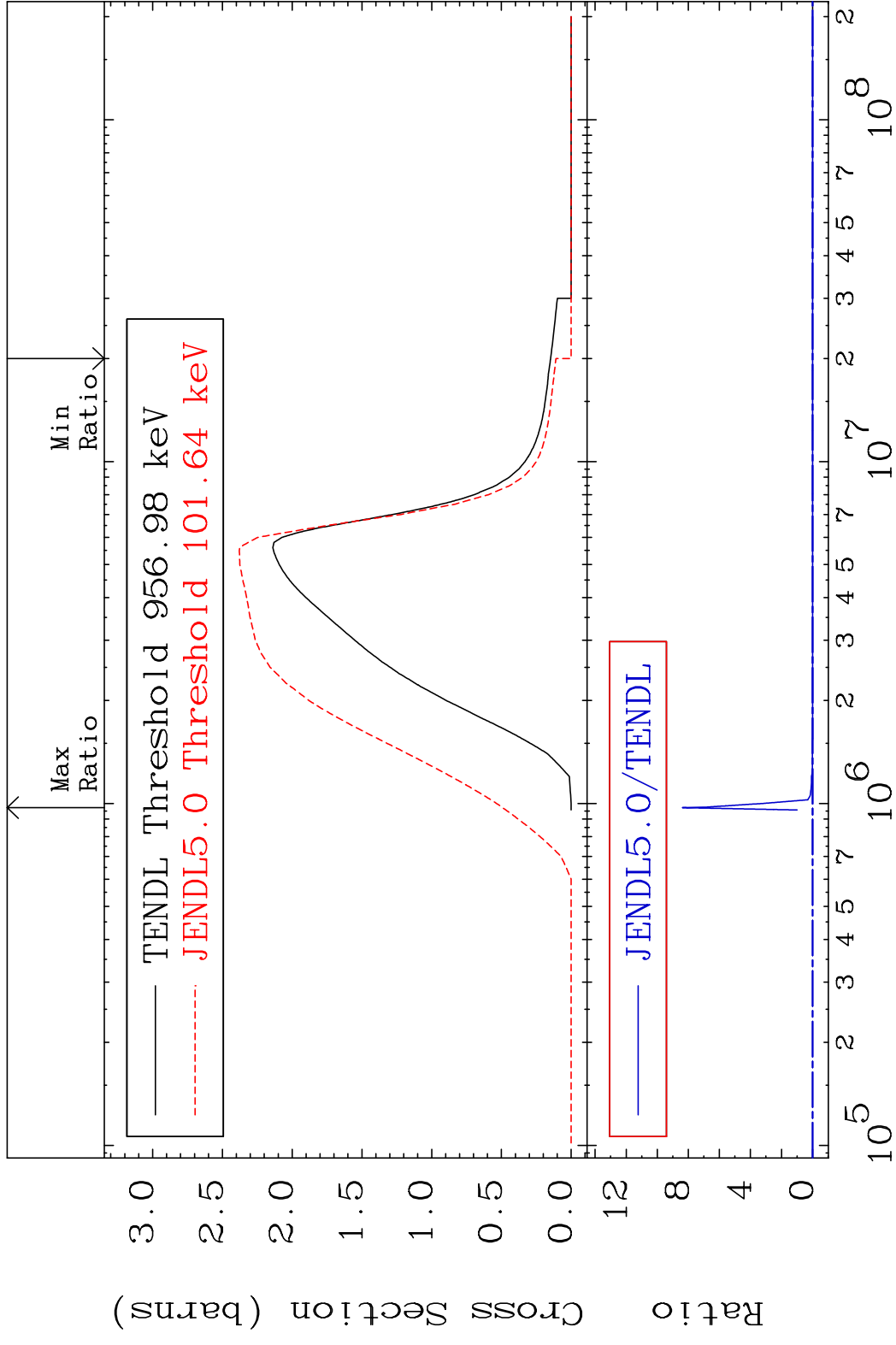
20 Incident Energy (eV) 76-0s-193

MAT 7652

(n, n') Continuum

76-0s-193

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

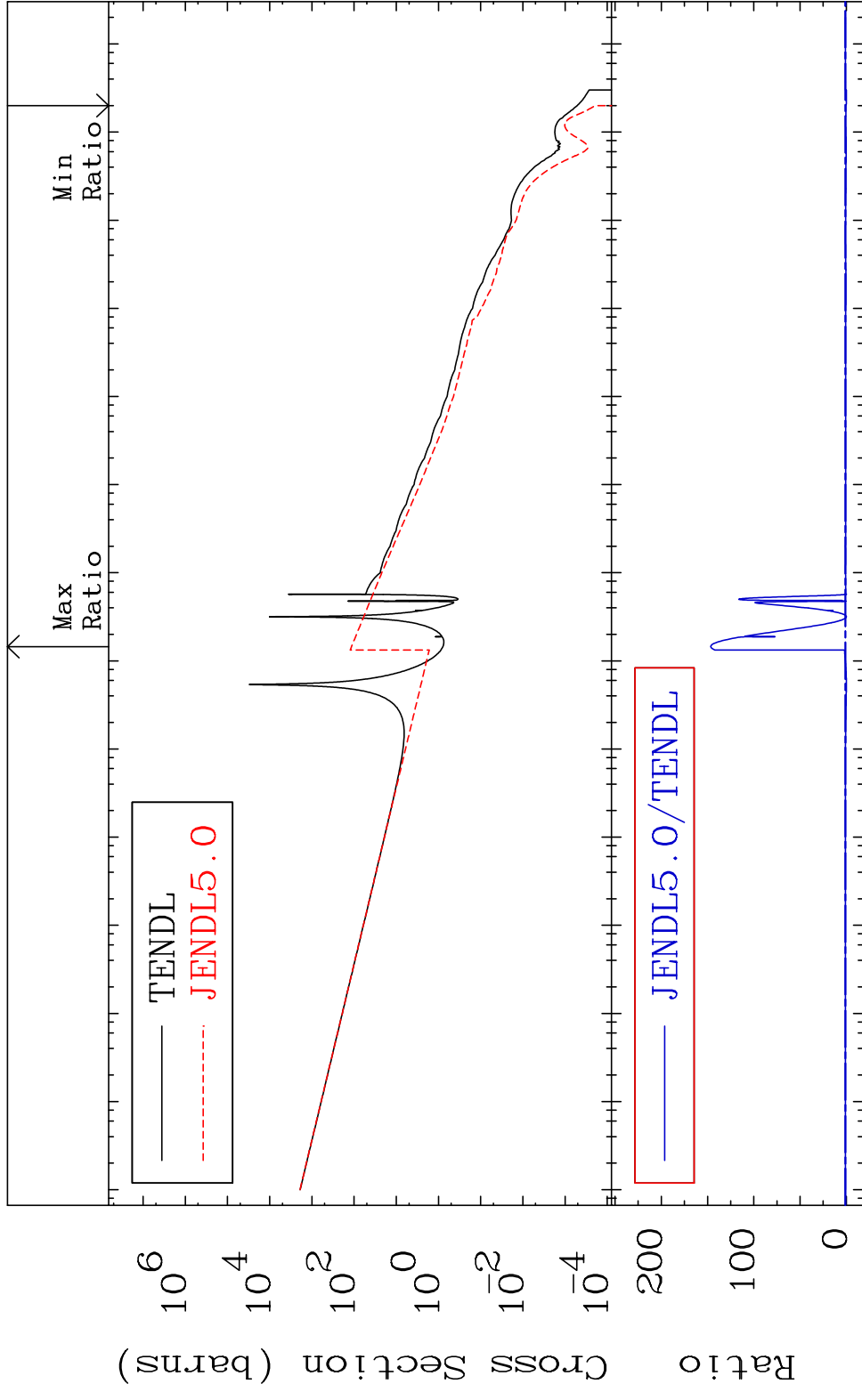
76-0s-193

MAT 7652

76-0s-193

(n, γ)

Cross Section -100.0 To 9999. %

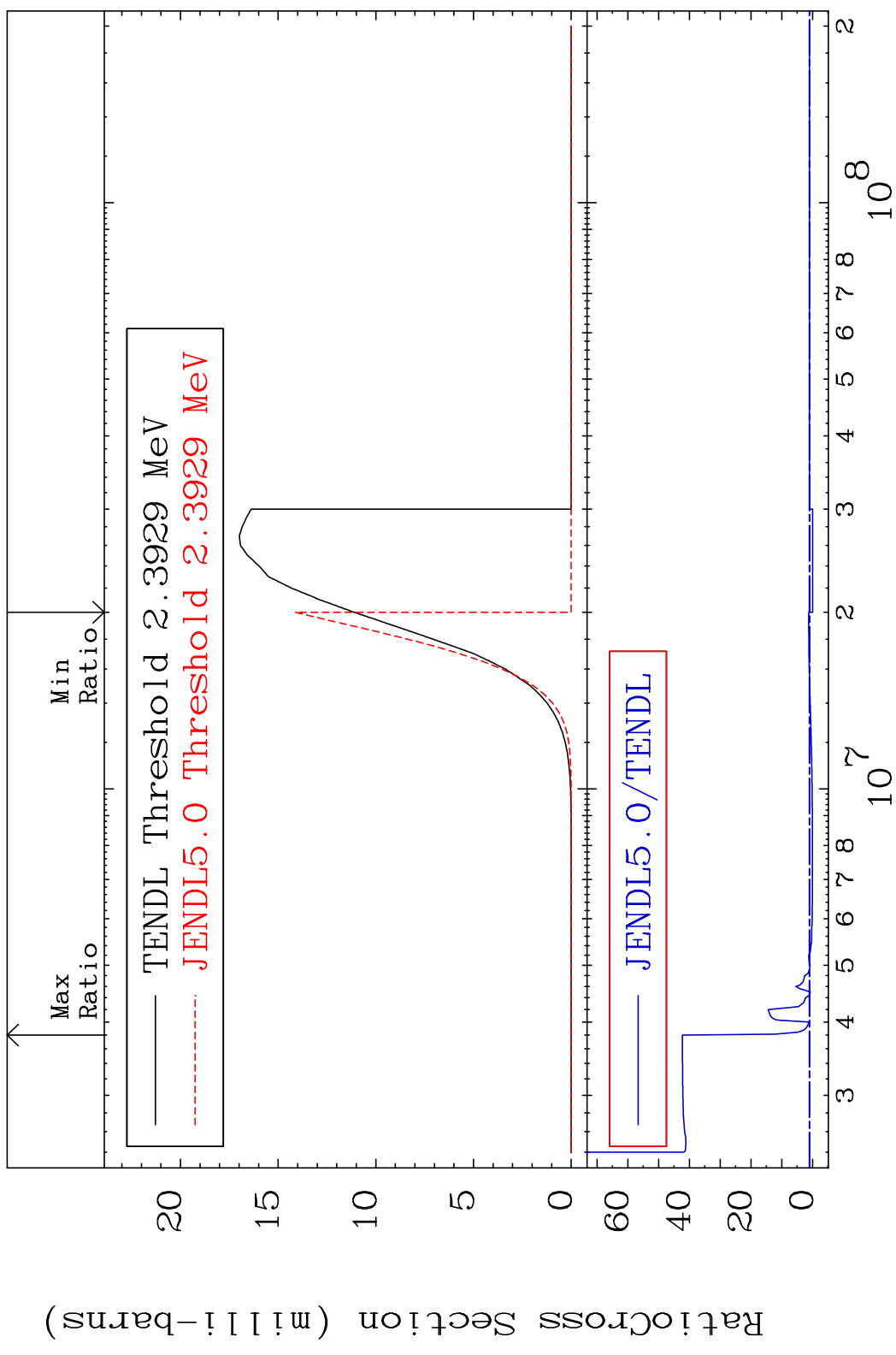


MAT 7652

(n, p)

76-0s-193

Cross Section -100.0 To 4129. %

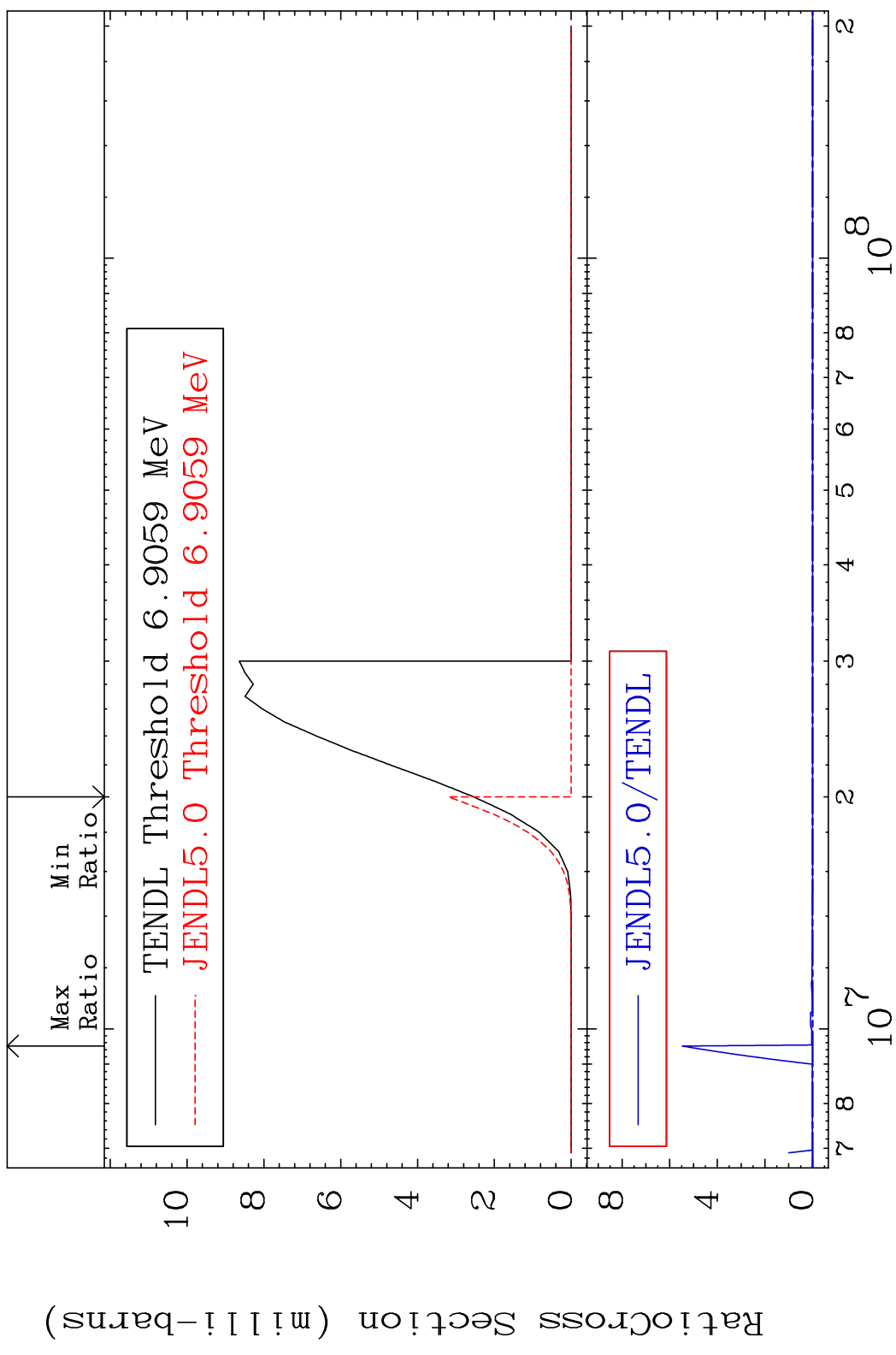


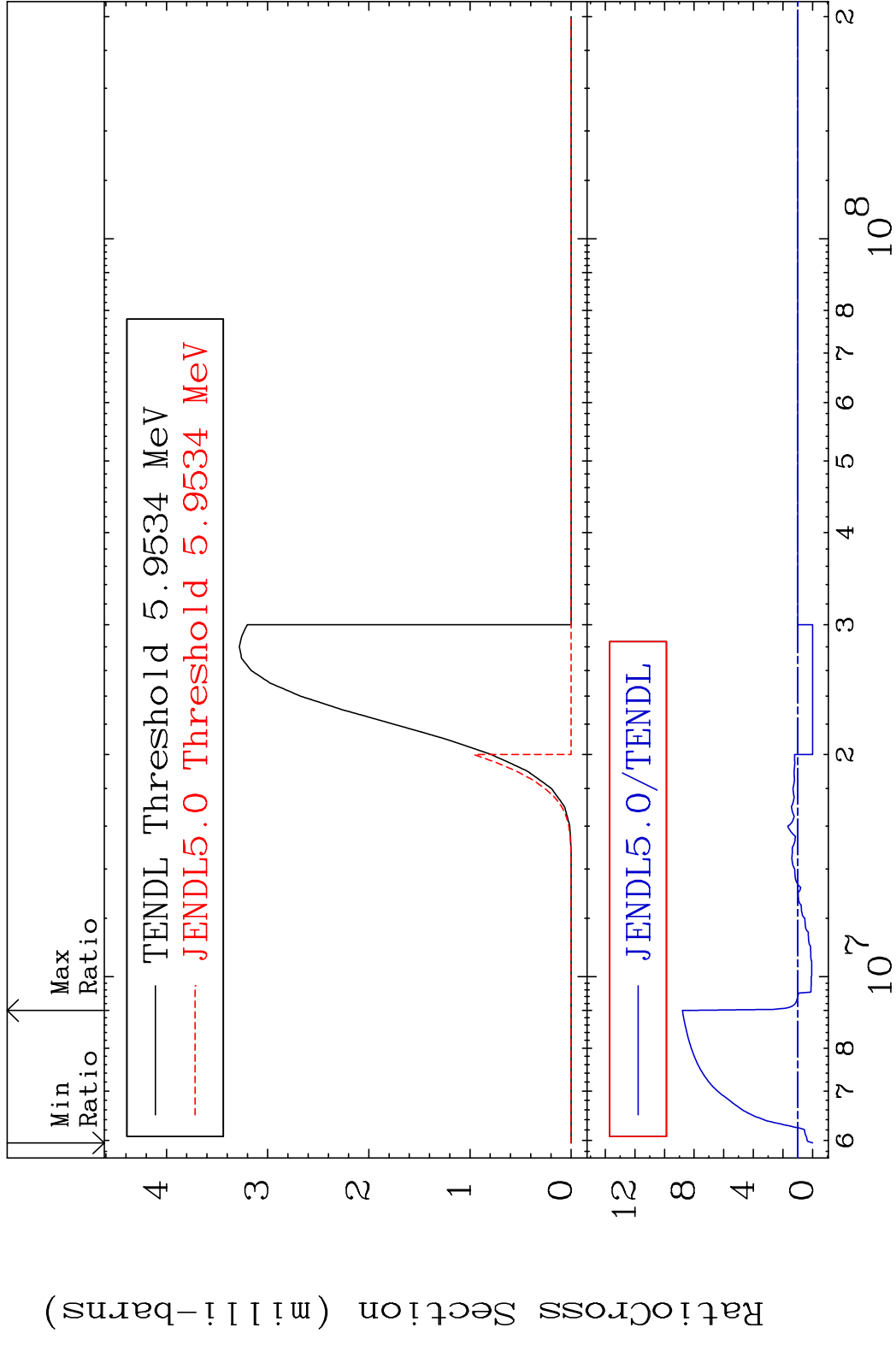
MAT 7652

(n,d)

76-0s-193

Cross Section -100.0 To 9999. %



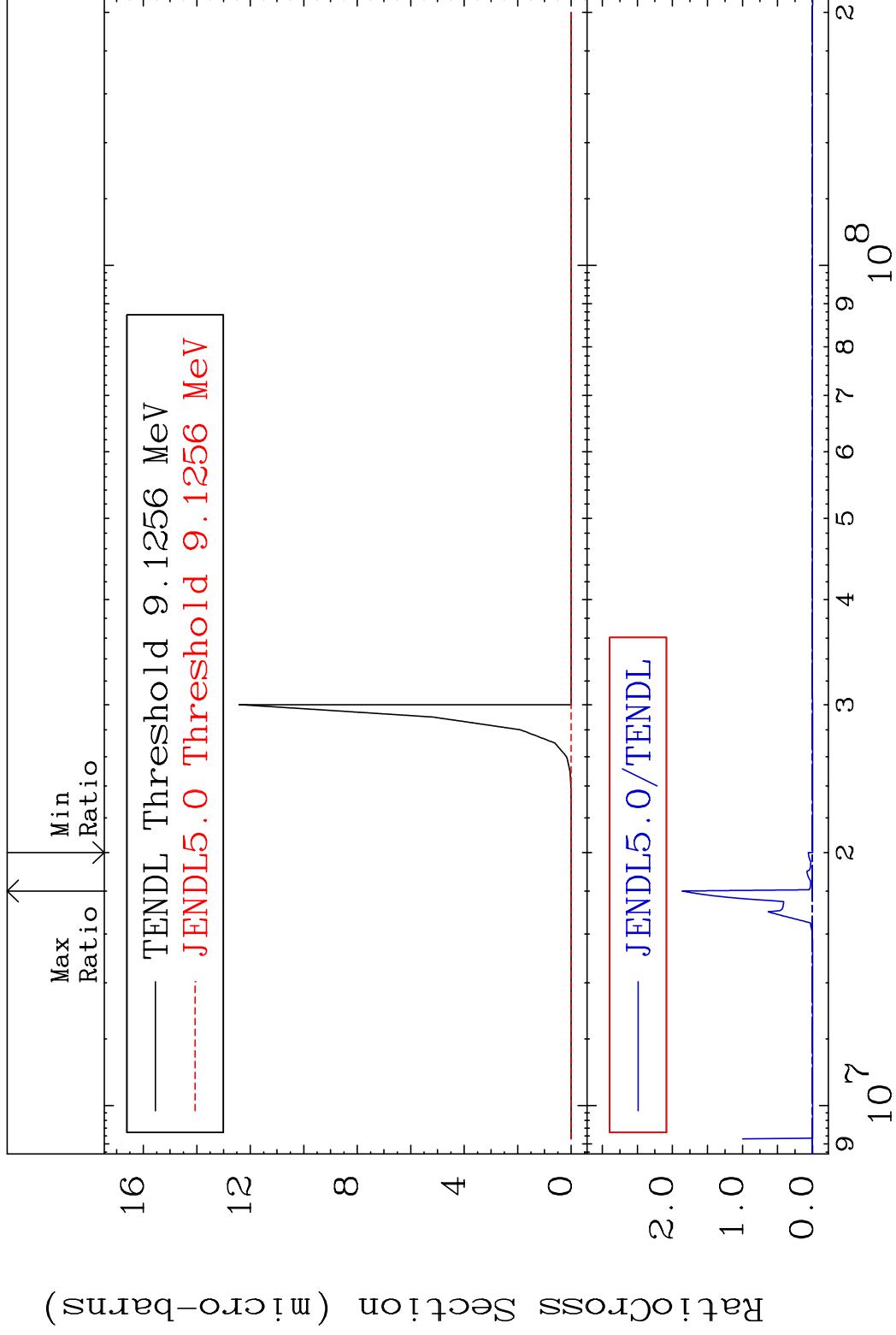


MAT 7652

(n, He-3)

76-0s-193

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

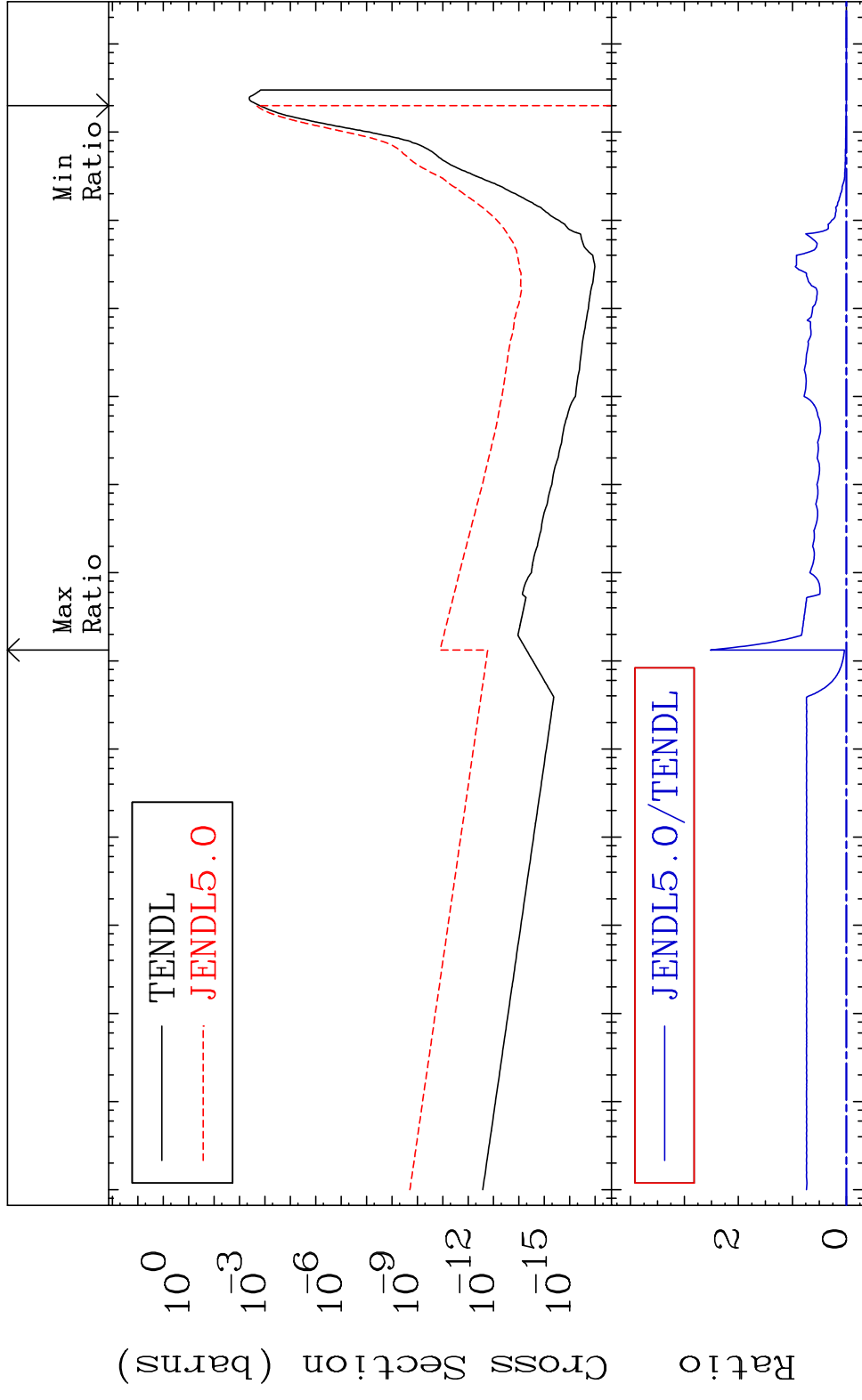
76-0s-193

MAT 7652

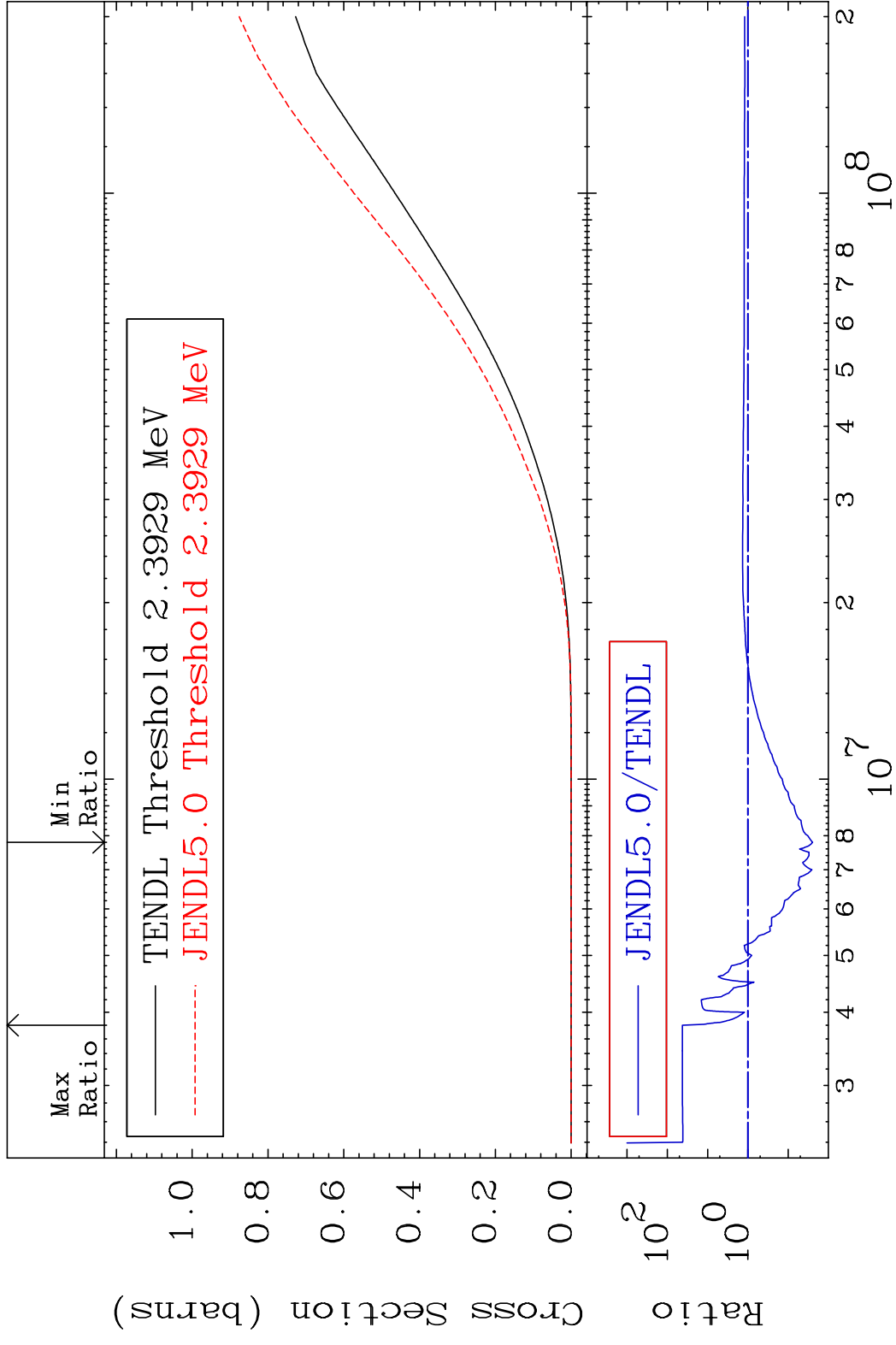
76-0s-193

(n, α)

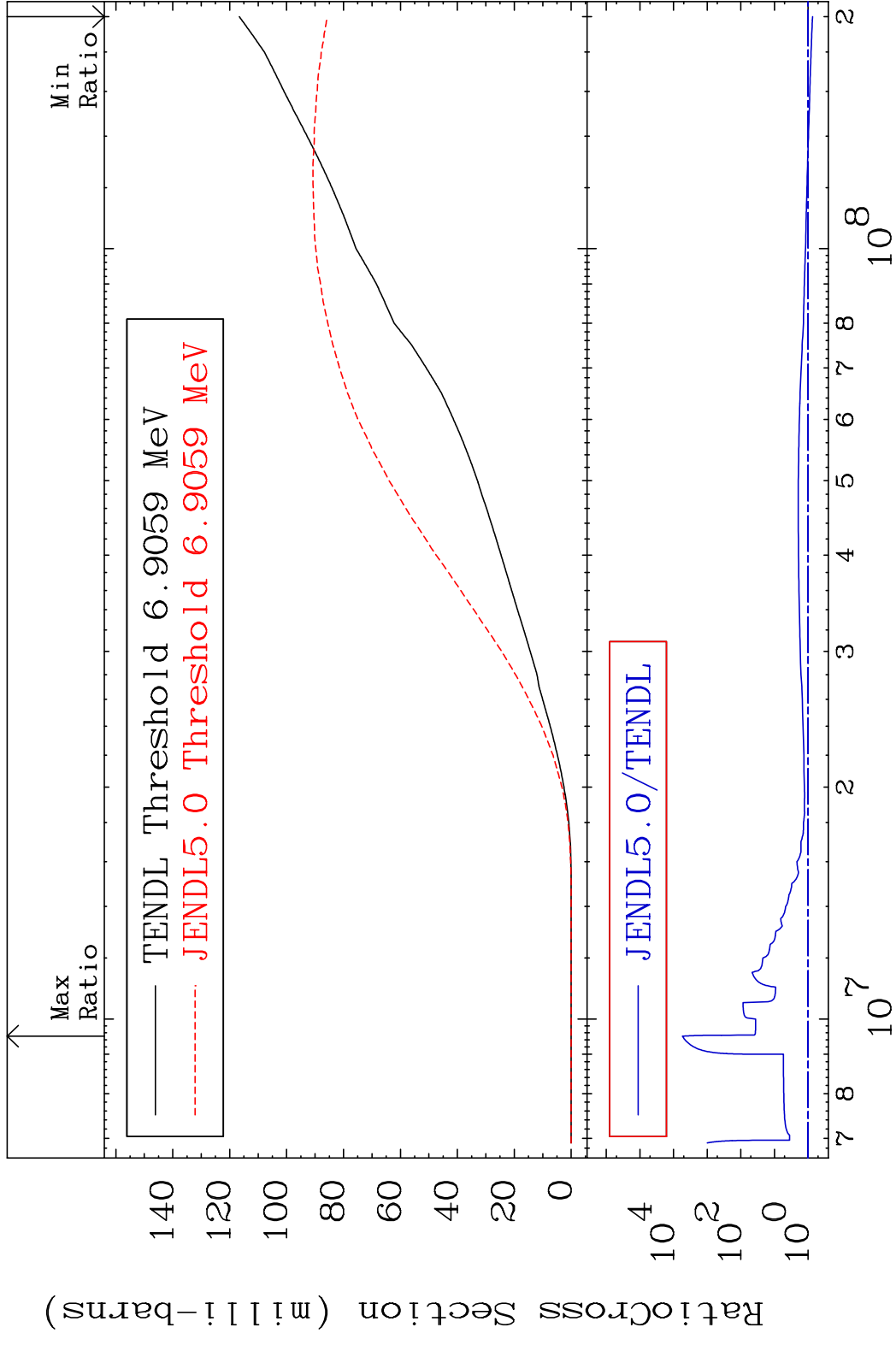
Cross Section -100.0 To 9999. %



Cross Section -97.51 To 4129. %



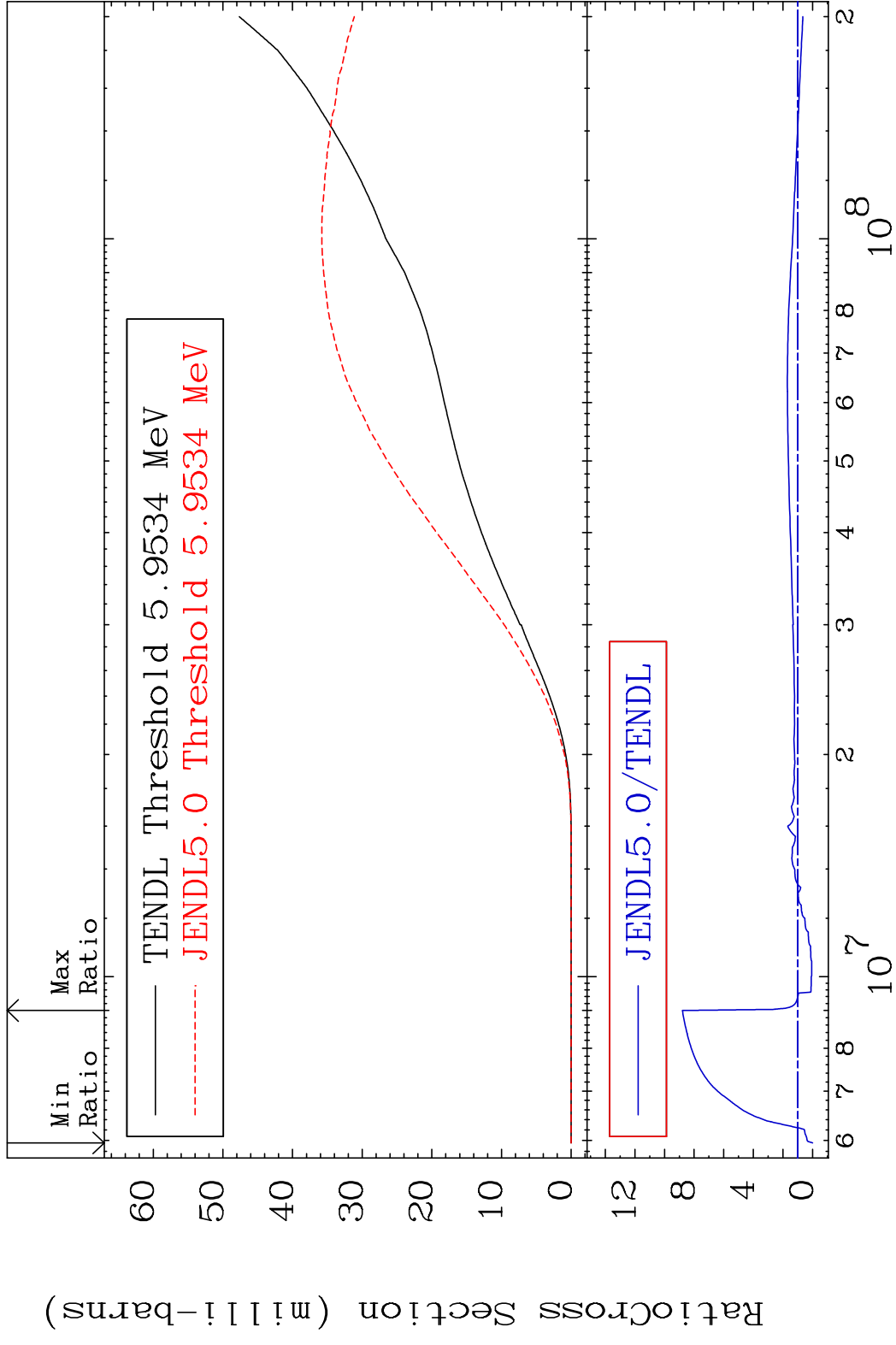
Cross Section -26.59 To 9999. %



MAT 7652

Tritium Production 76-0s-193

Cross Section -100.0 To 779.5 %



30

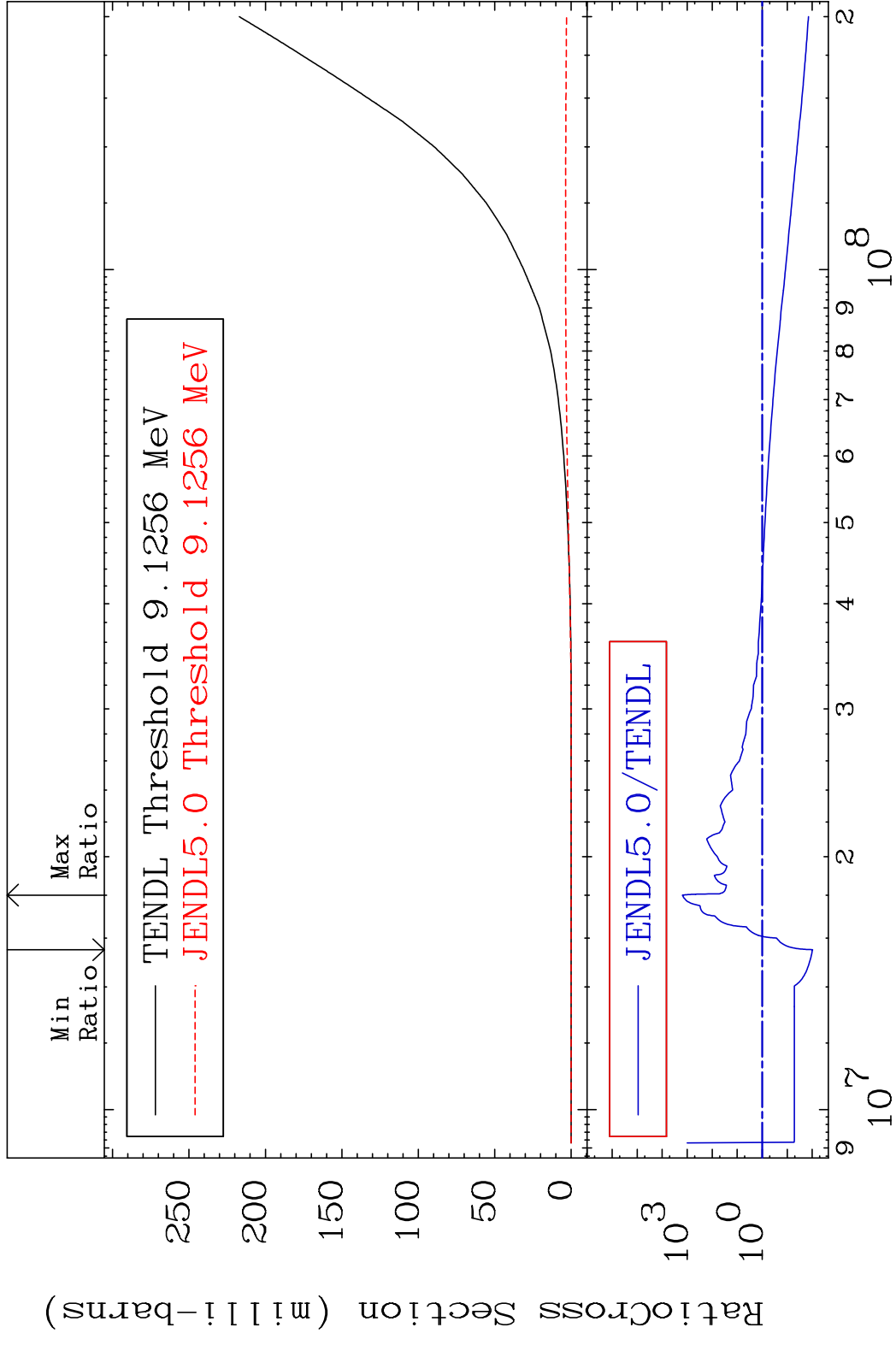
76-0s-193

MAT 7652

He-3 Production

76-0s-193

Cross Section -99.03 To 9999. %



31

Incident Energy (eV)

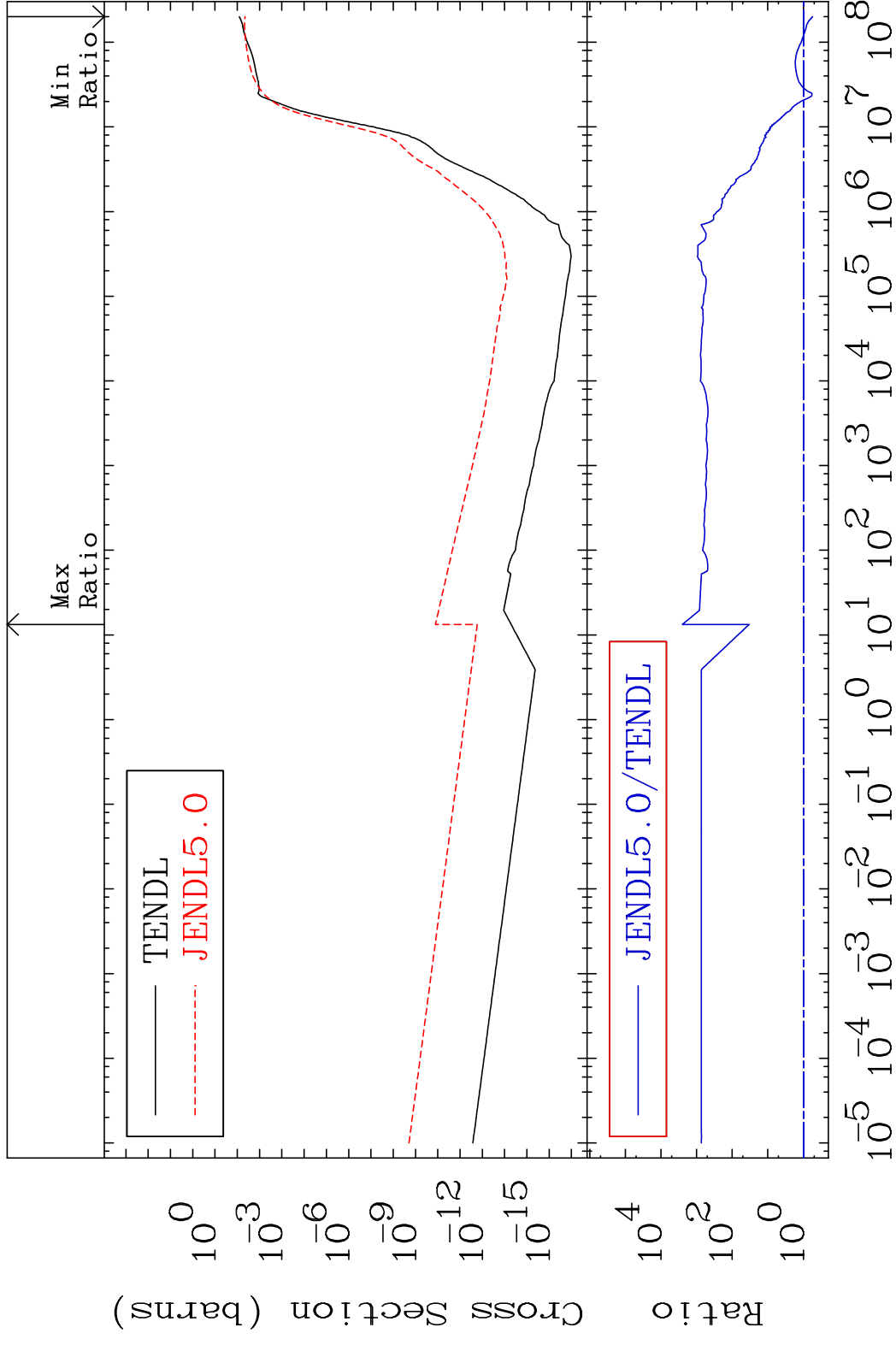
76-0s-193

MAT 7652

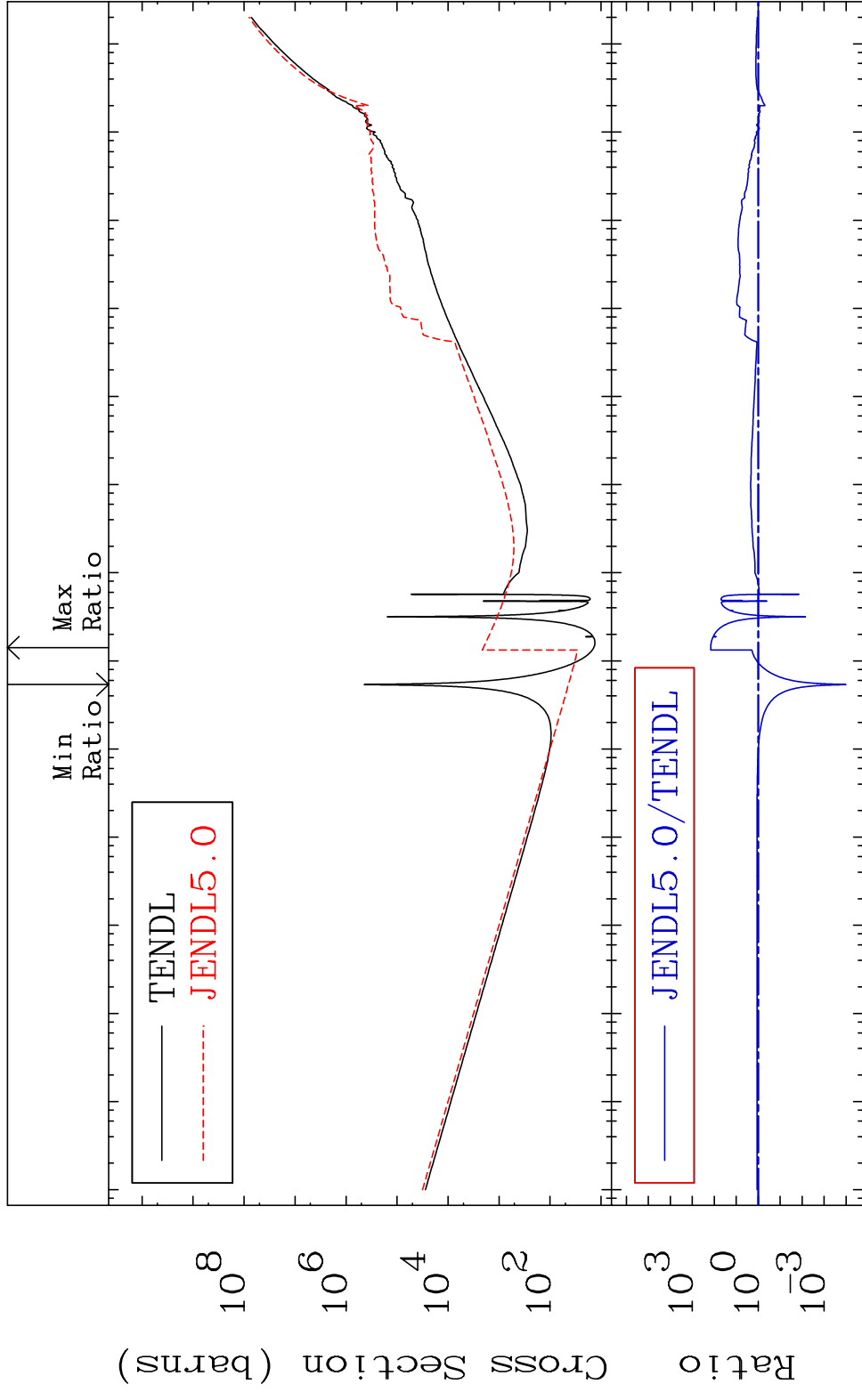
He-4 Production

76-0s-193

Cross Section -44.74 To 9999. %



MAT 7652 Kerma total (eV-barns) 76-0s-193
 Cross Section -99.99 To 9999. %



Ratio
 10⁸
 10⁶
 10⁴
 10²
 10³
 10⁰
 10⁻³

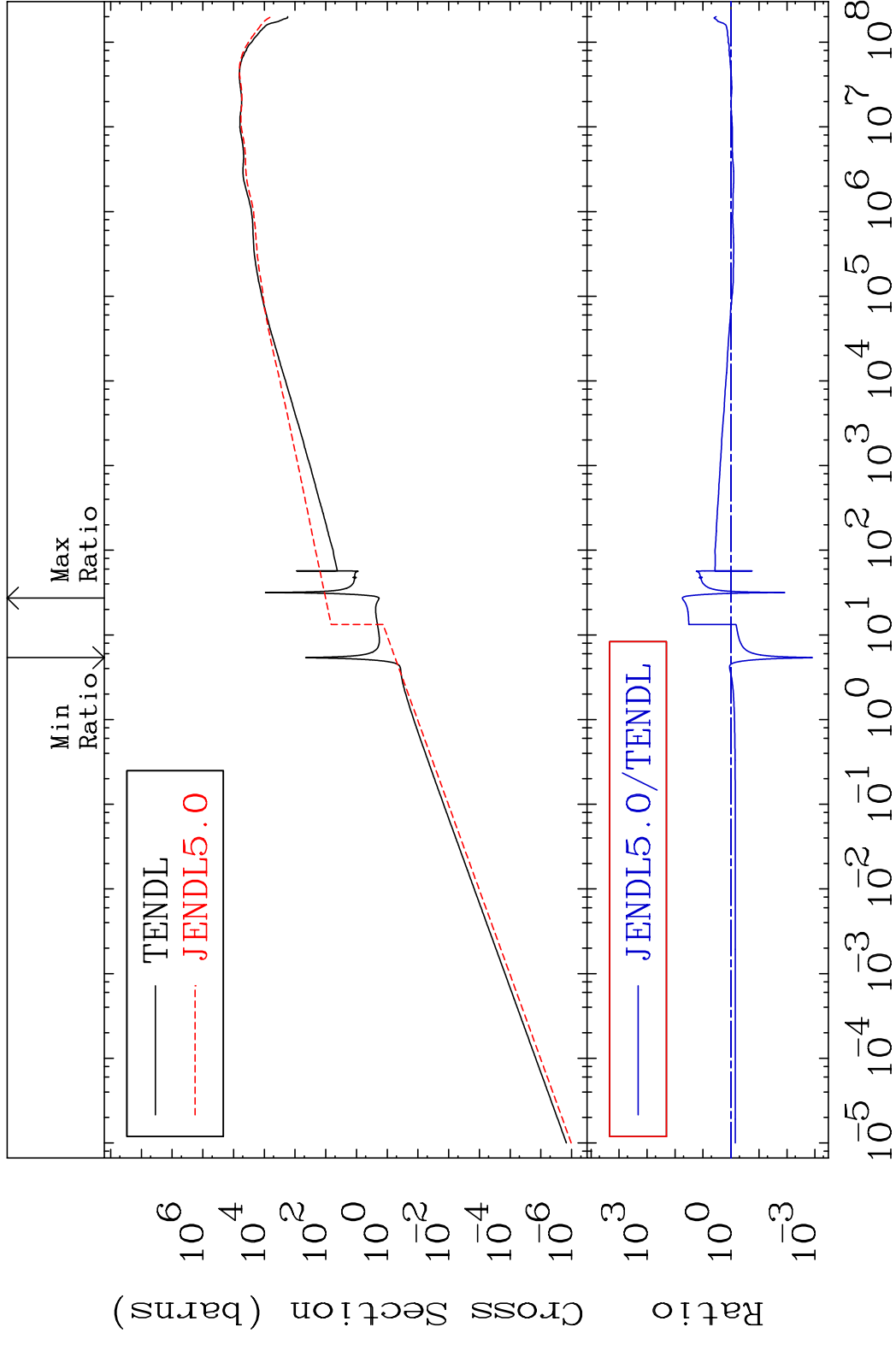
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

MAT 7652

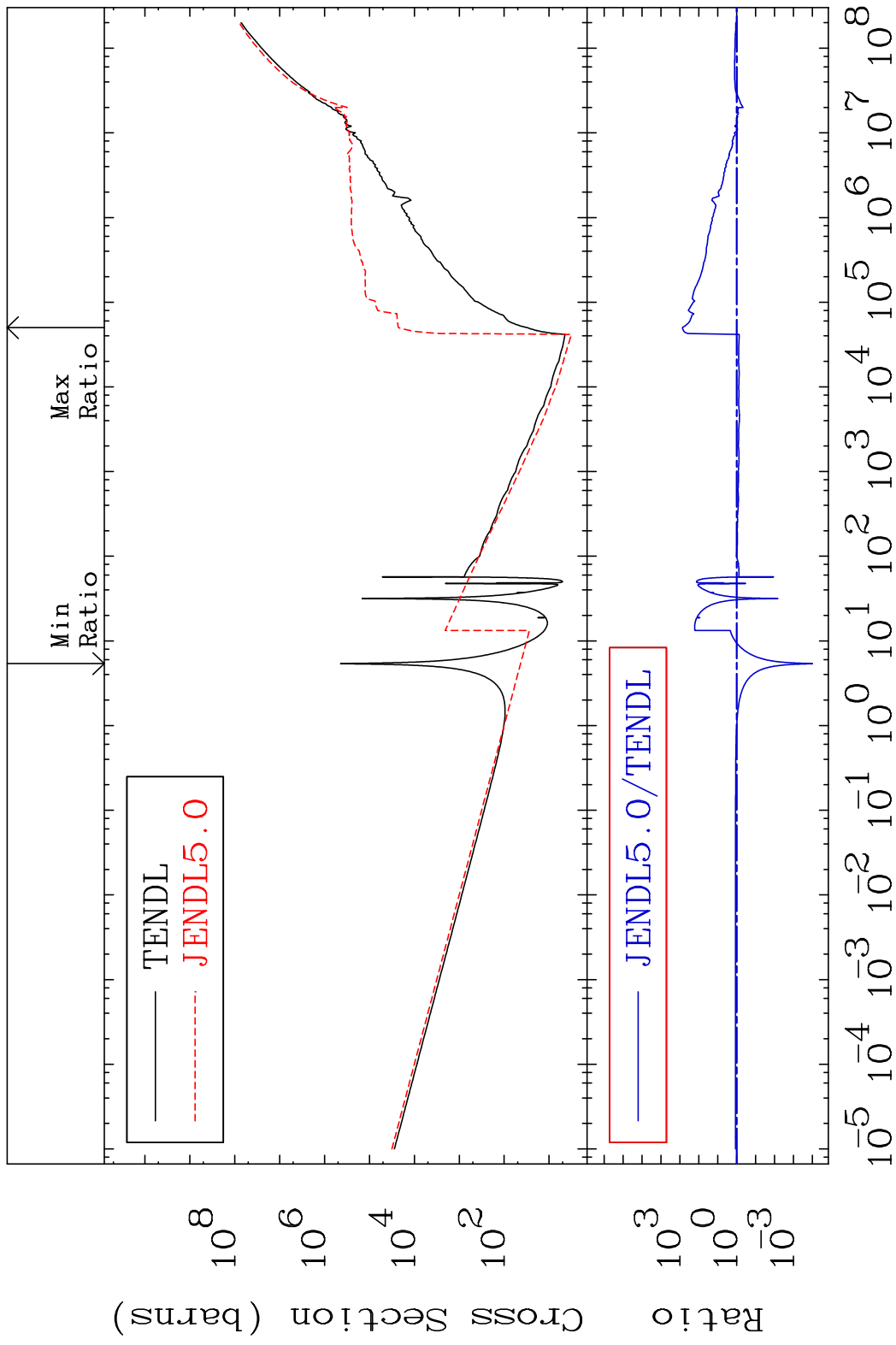
Kerma elastic

76-0s-193

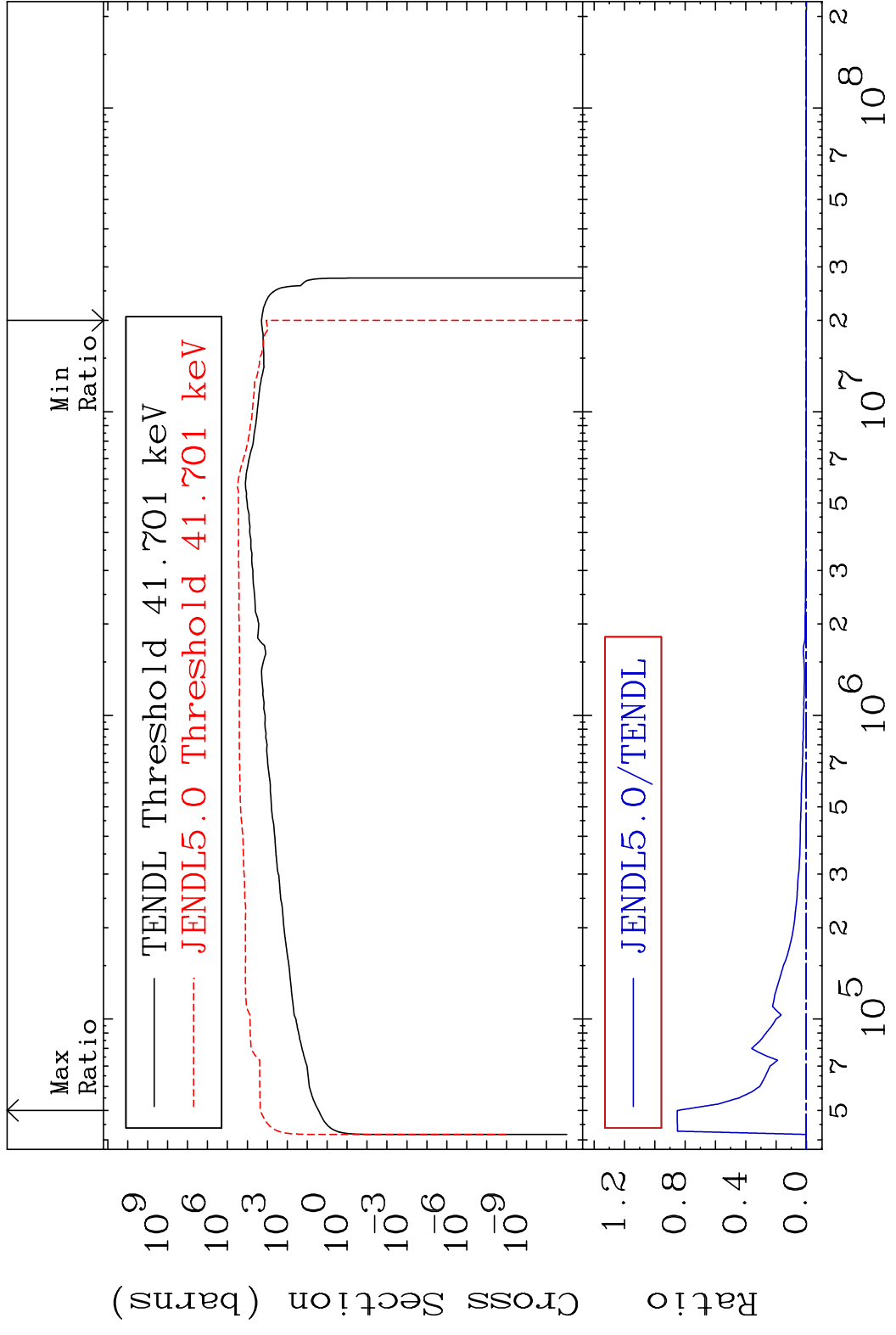
Cross Section -99.88 To 5366. %



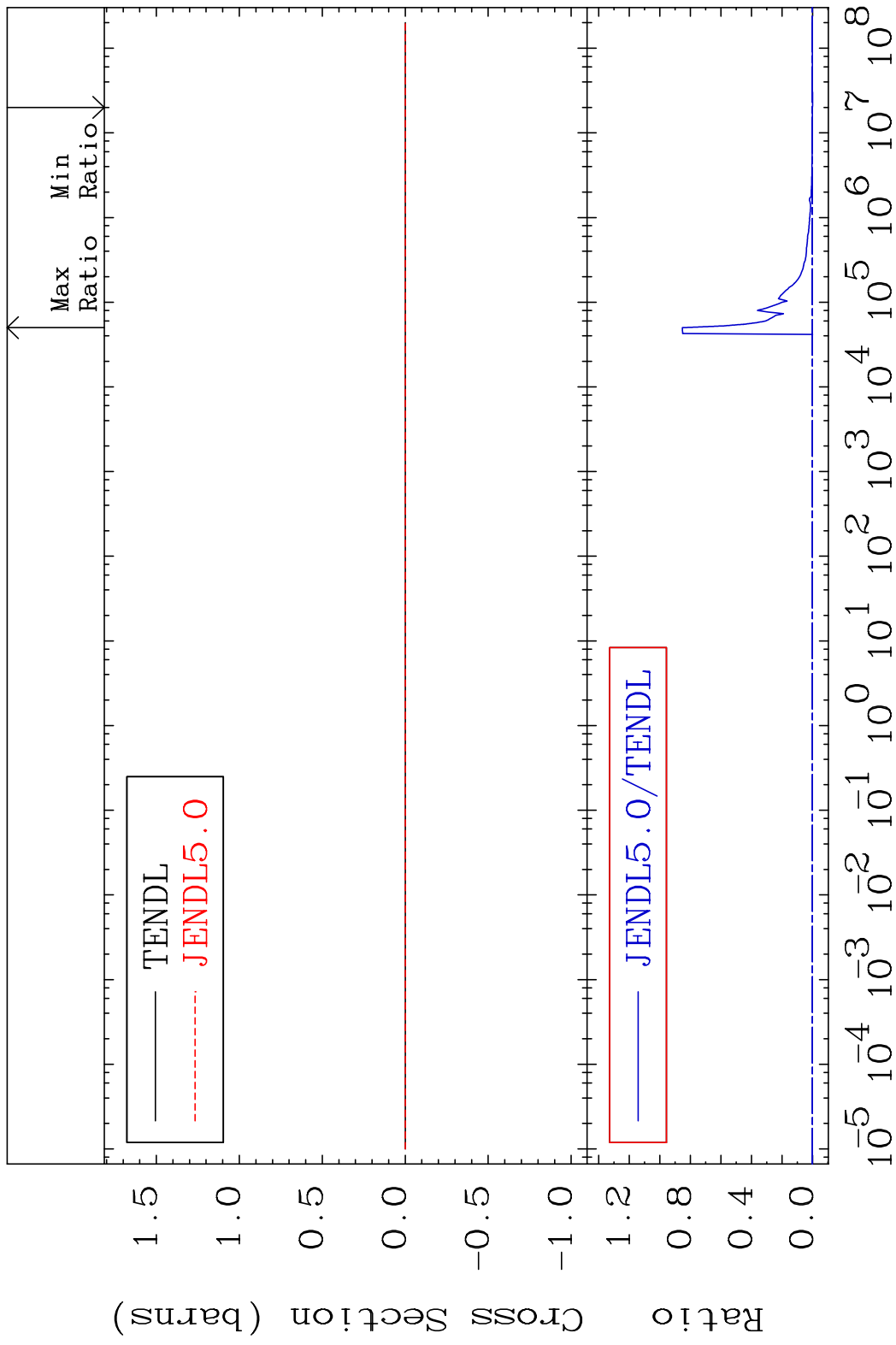
MAT 7652 Kerma non-elastic (all but mt2) 76-0s-193
 Cross Section -99.99 To 9999. %



MAT 7652 Kerma inelastic (mt51-91) 76-Os-193
 Cross Section -100.0 To 9999. %



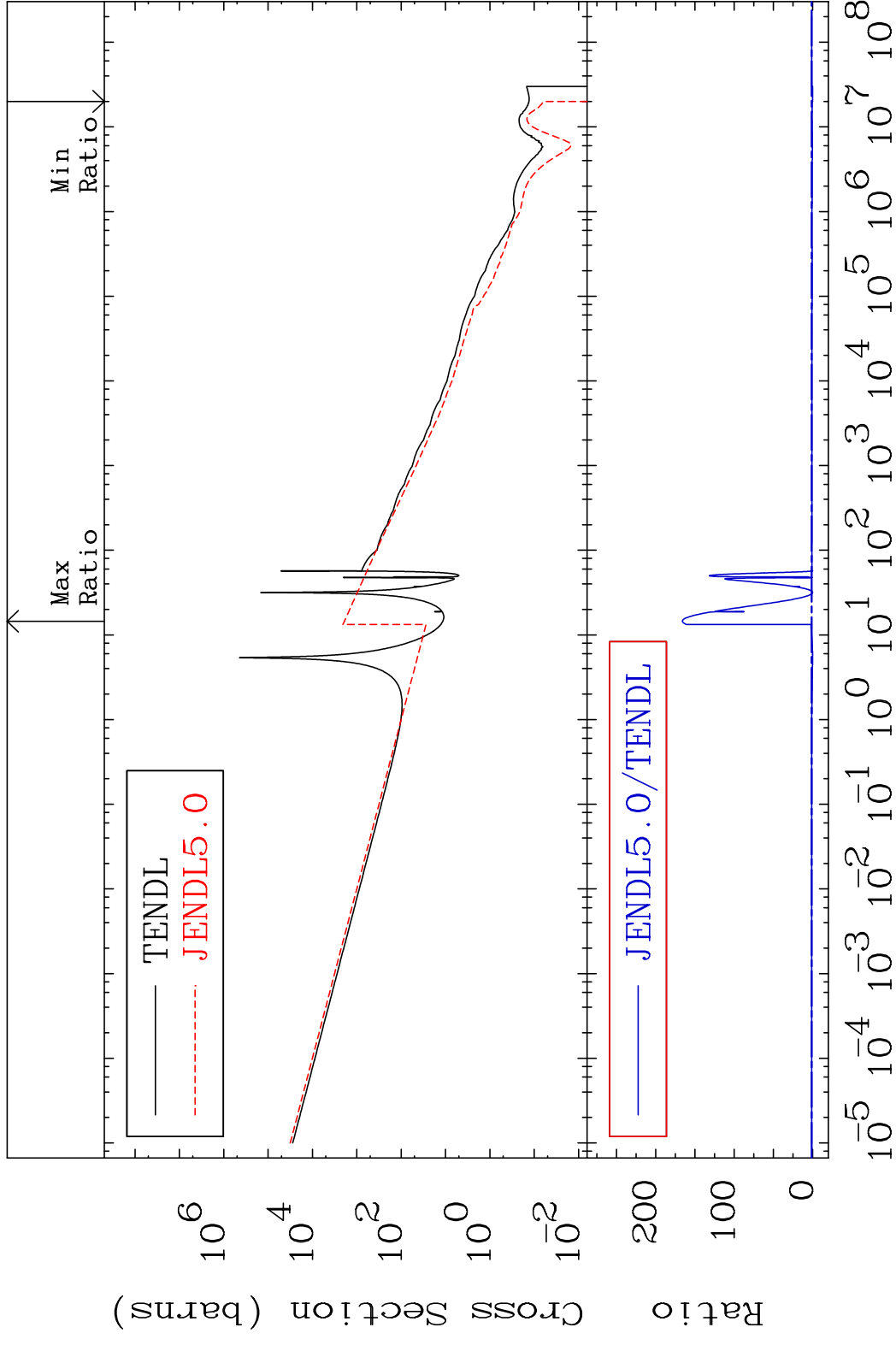
MAT 7652 Kerma fission (mt18 or mt19-20-21-38) 76-0s-193
 Cross Section -100.0 To 9999. %



MAT 7652

Kerma capture (mt102) 76-0s-193

Cross Section -100.0 To 9999. %

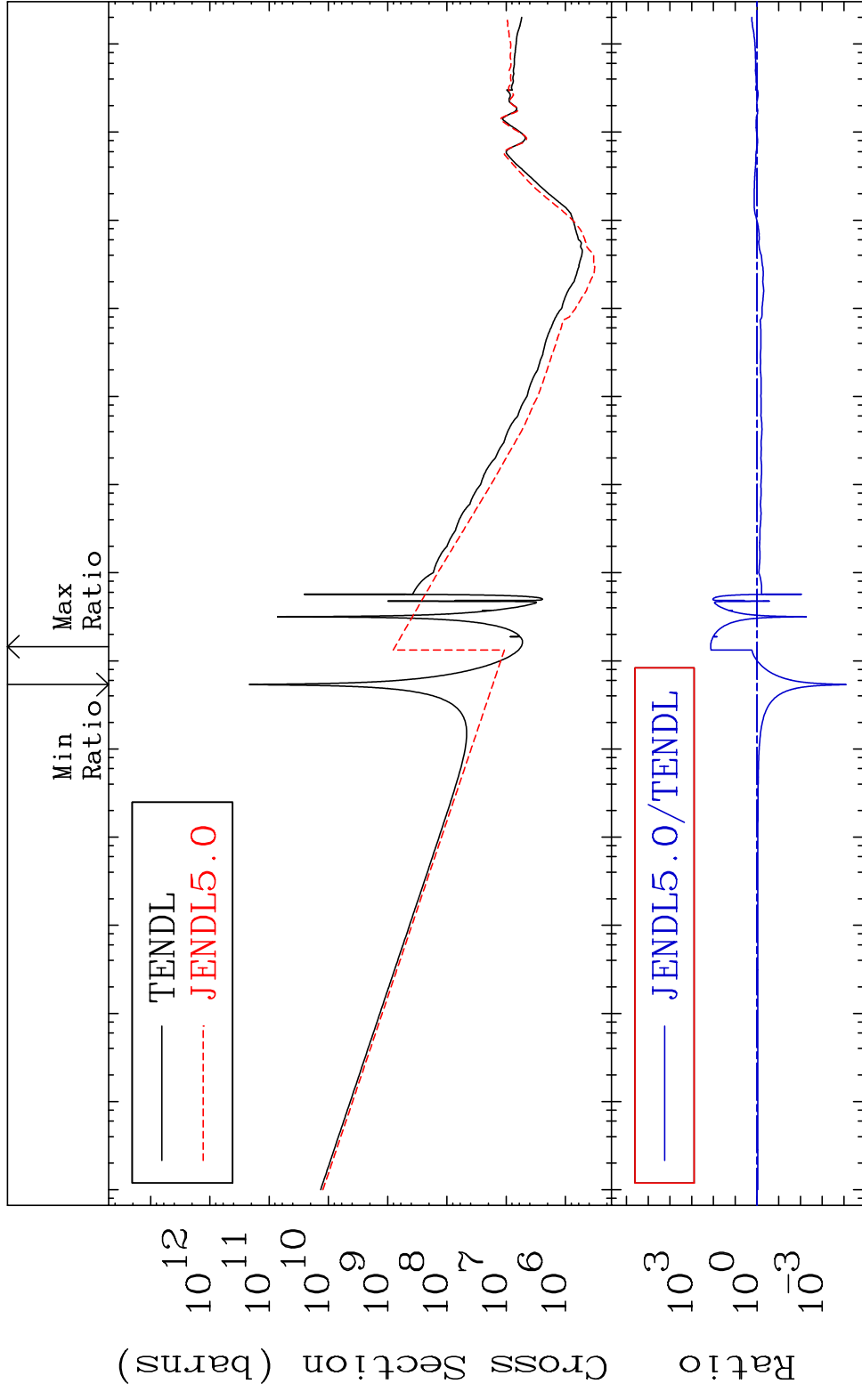


38

Incident Energy (eV)

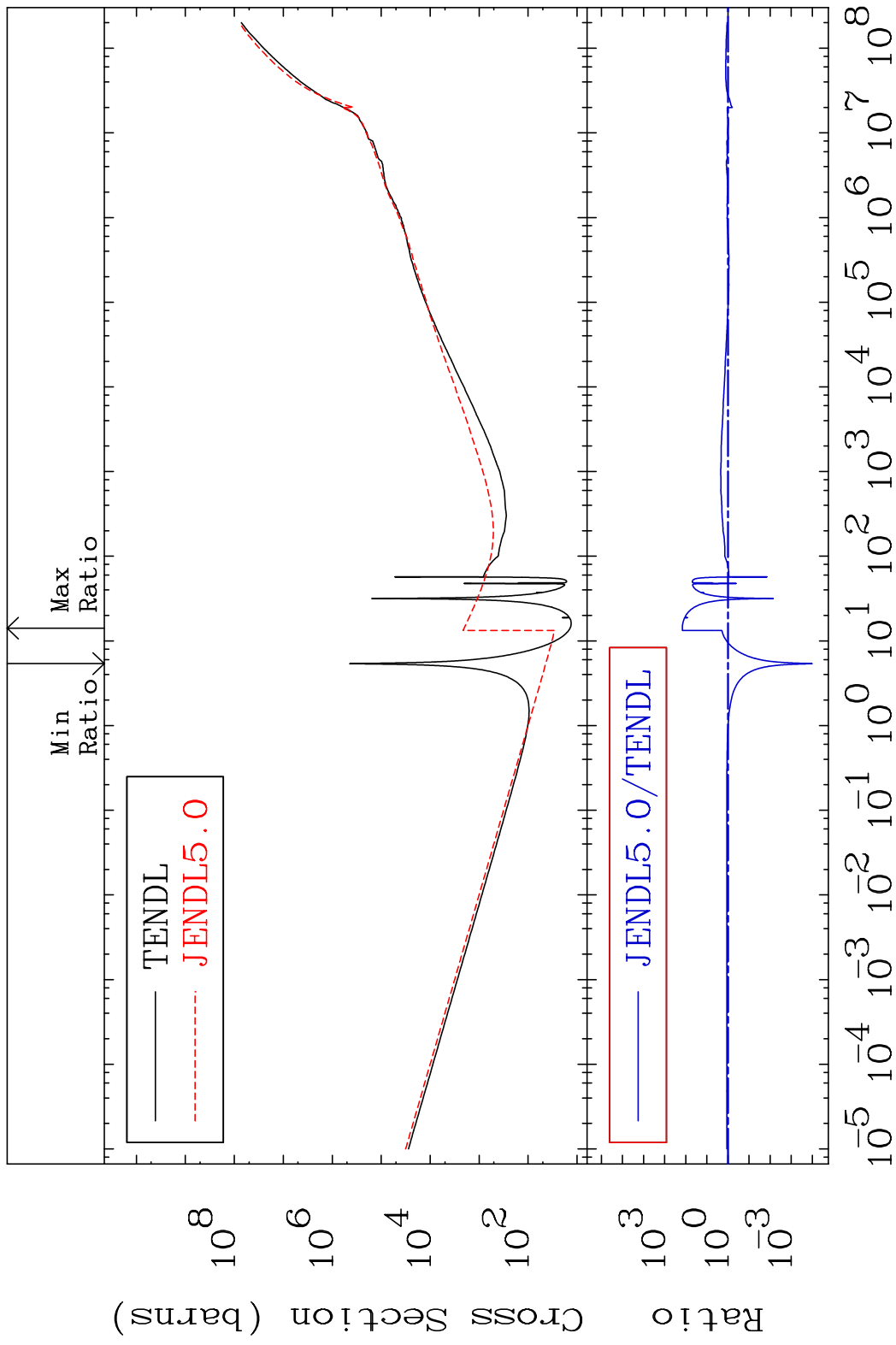
76-0s-193

MAT 7652 Total photon (eV-barns) 76-0s-193
 Cross Section -99.99 To 9999. %

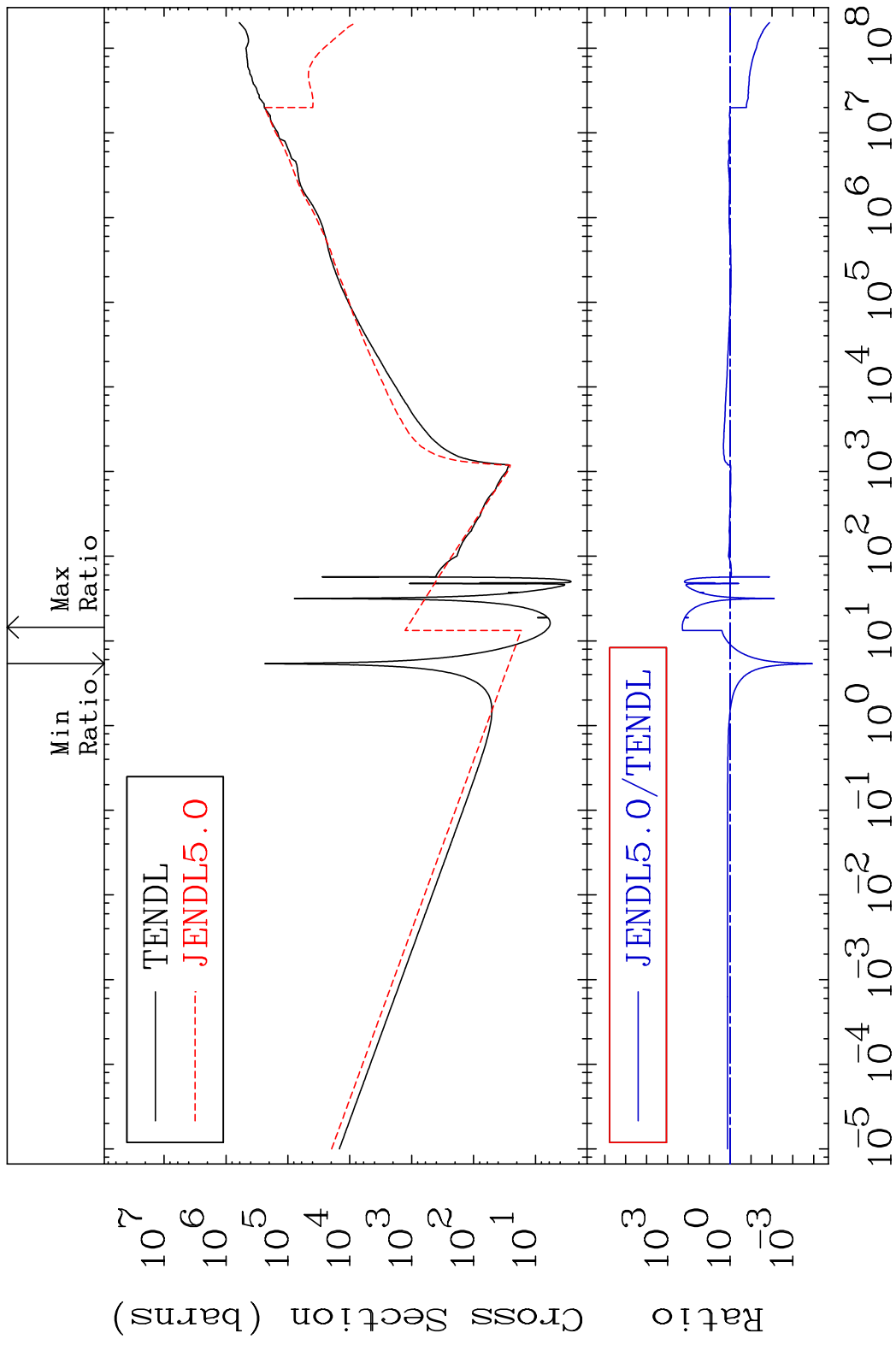


39 Incident Energy (eV) 76-0s-193

MAT 7652 Total kinematic kerma (high limit) 76-0s-193
 Cross Section -99.99 To 9999. %



MAT 7652 Dpa total (eV-barns) 76-0s-193
 Cross Section -99.99 To 9999. %



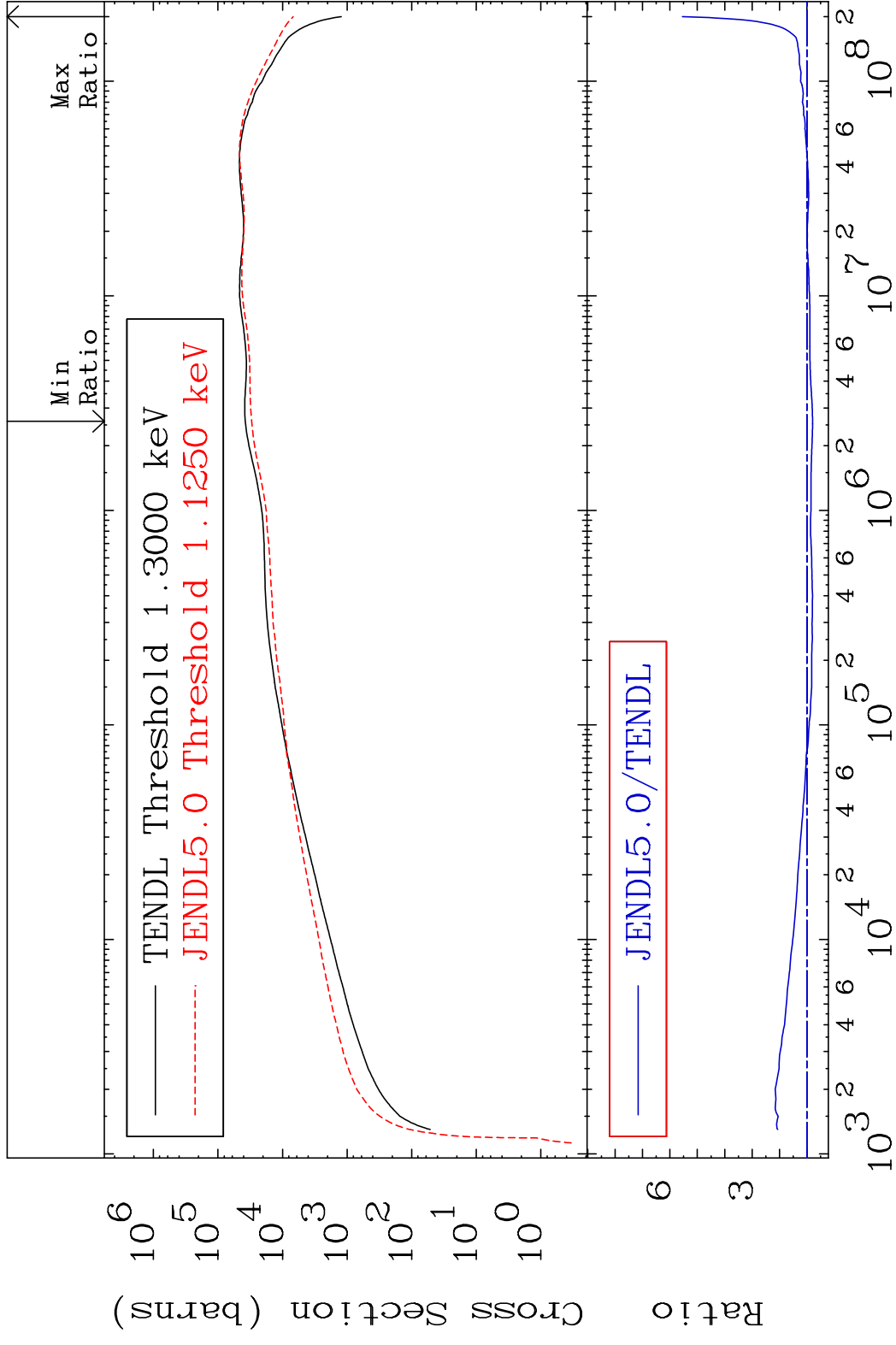
MAT 7652

Dpa elastic (mt2)

76-Os-193

Cross Section

-20.43 To 454.6 %

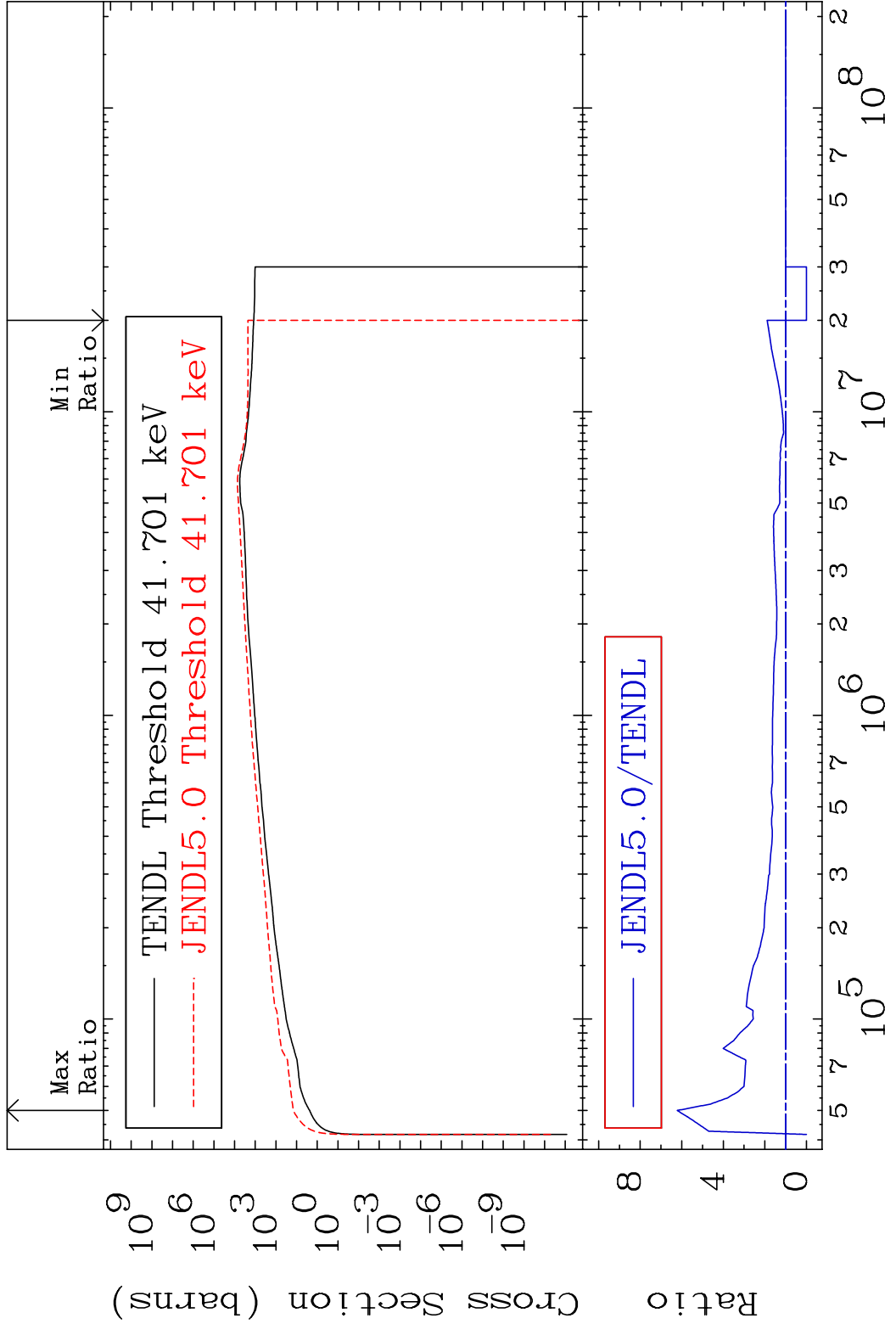


42

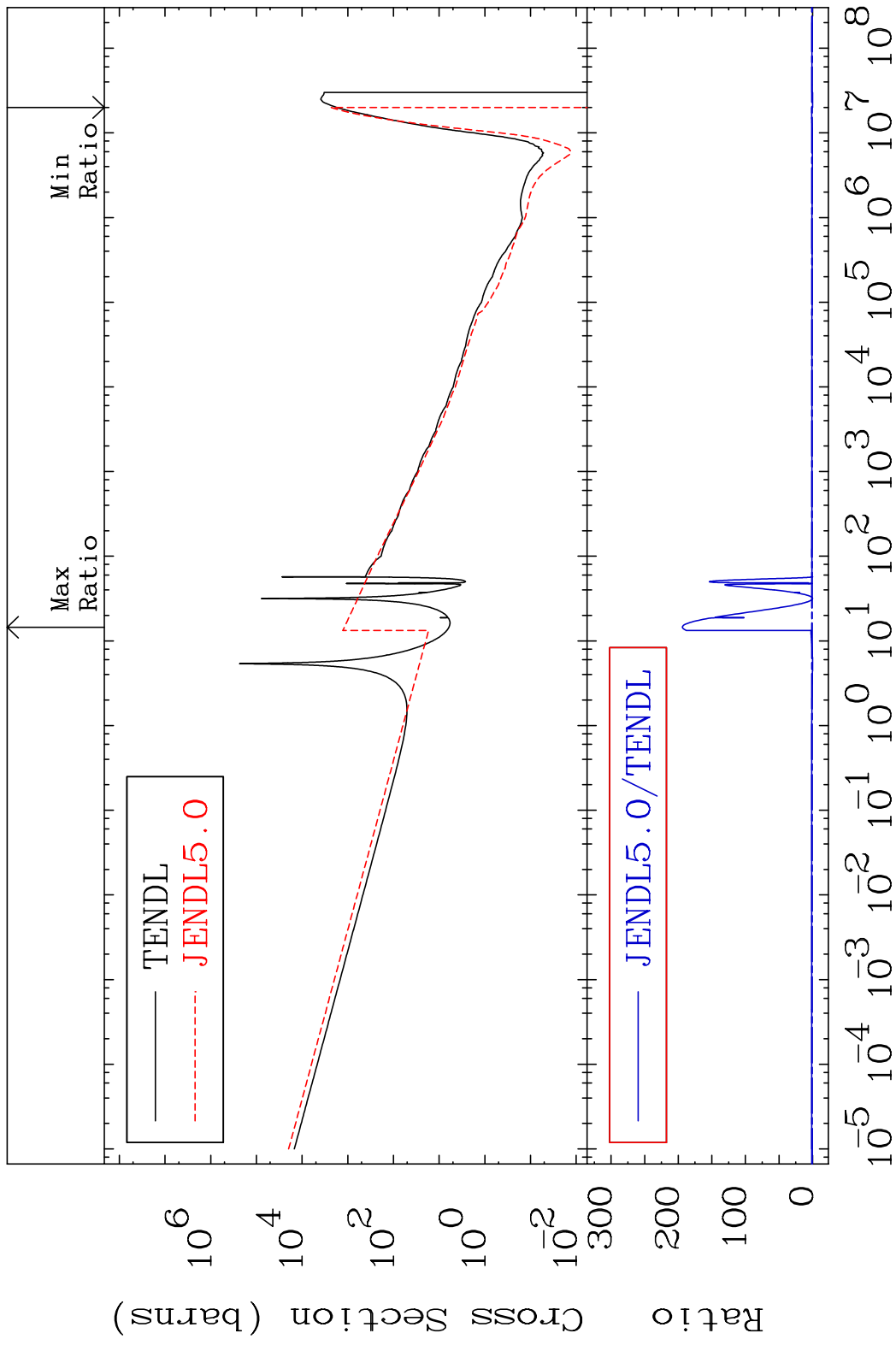
Incident Energy (eV)

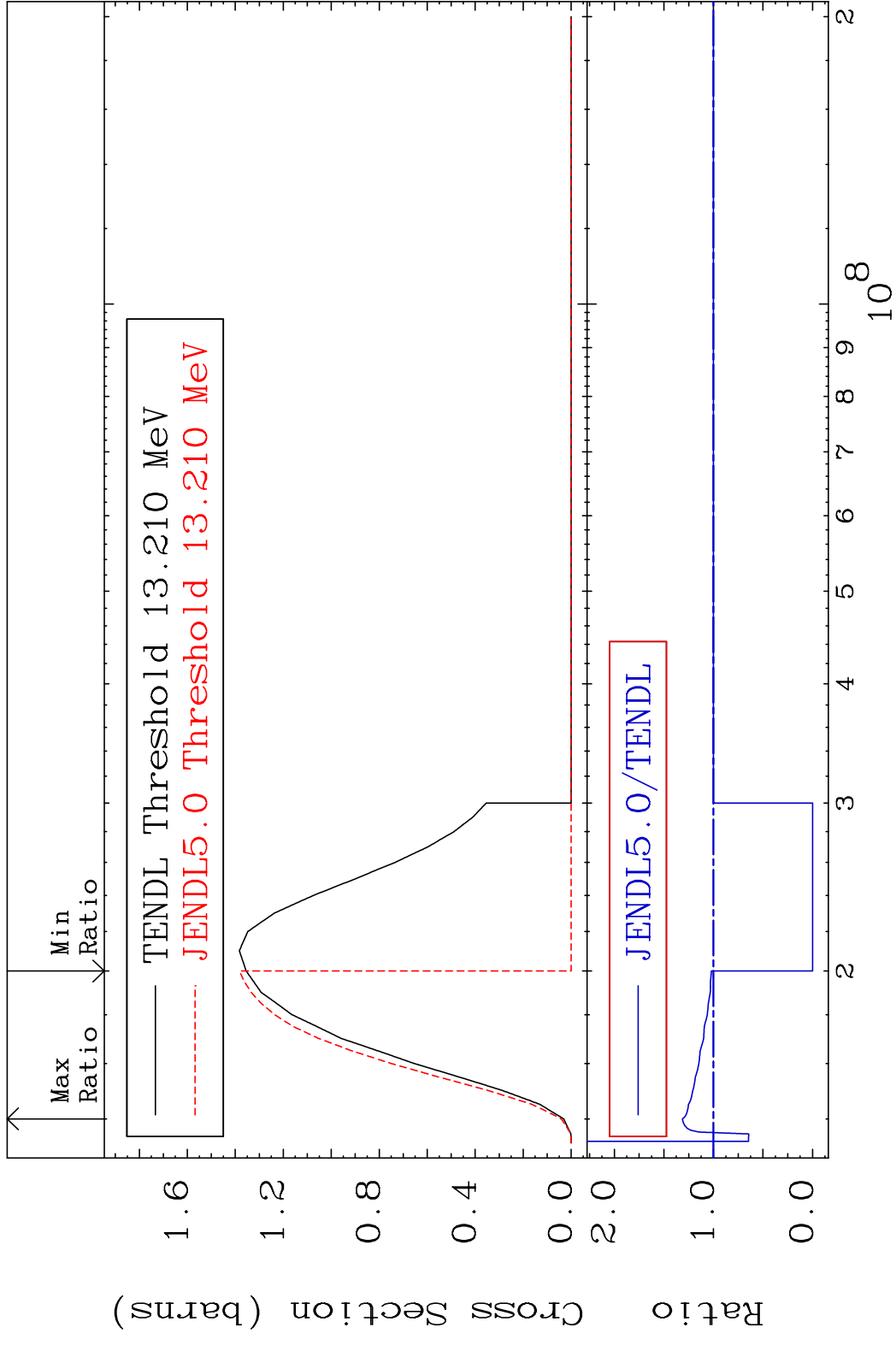
76-Os-193

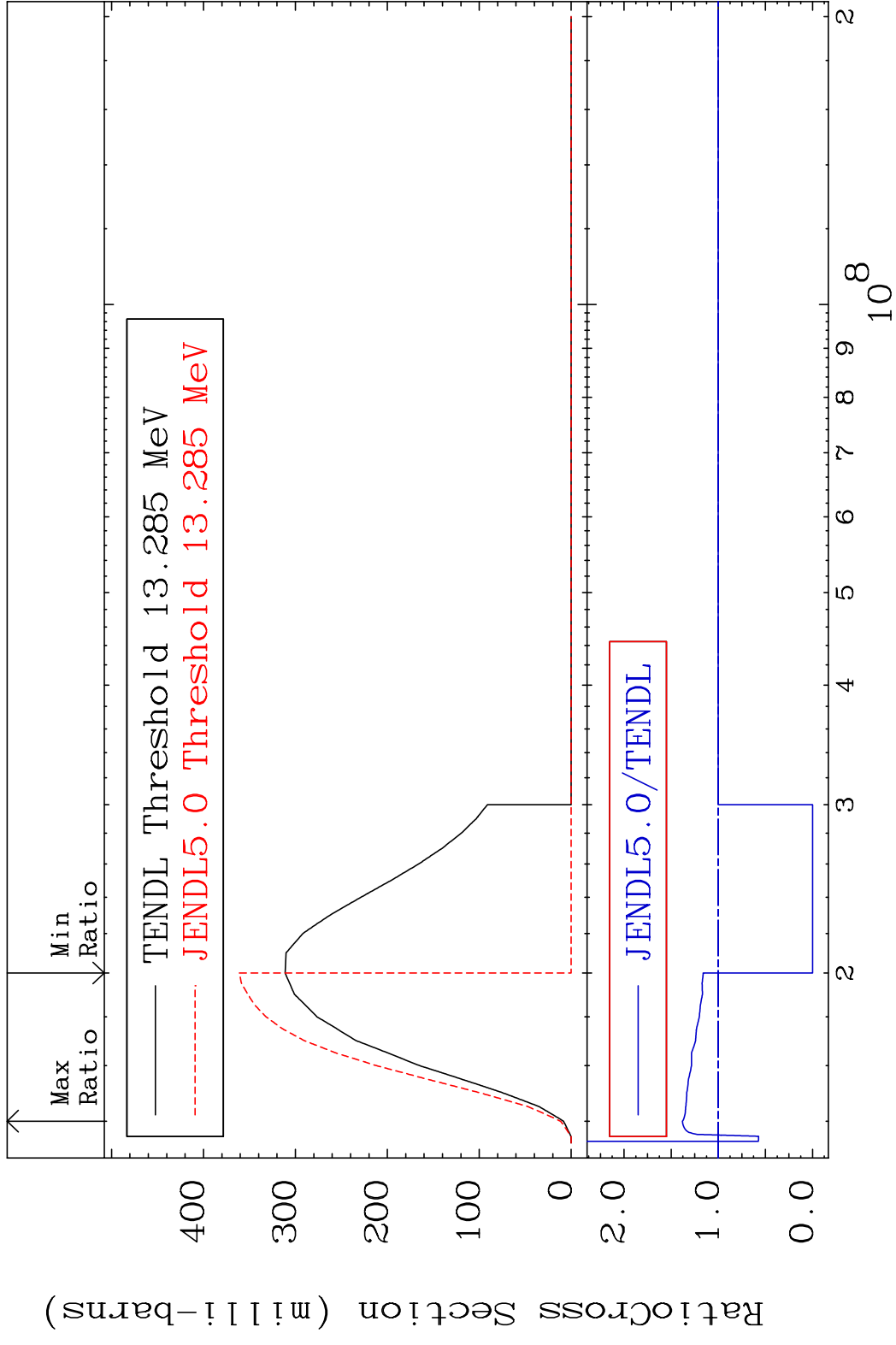
MAT 7652 Dpa inelastic (mt51-91) 76-0s-193
 Cross Section -100.0 To 521.9 %



MAT 7652 Dpa disappearance (mt102 -120) 76-0s-193
 Cross Section -100.0 To 9999. %







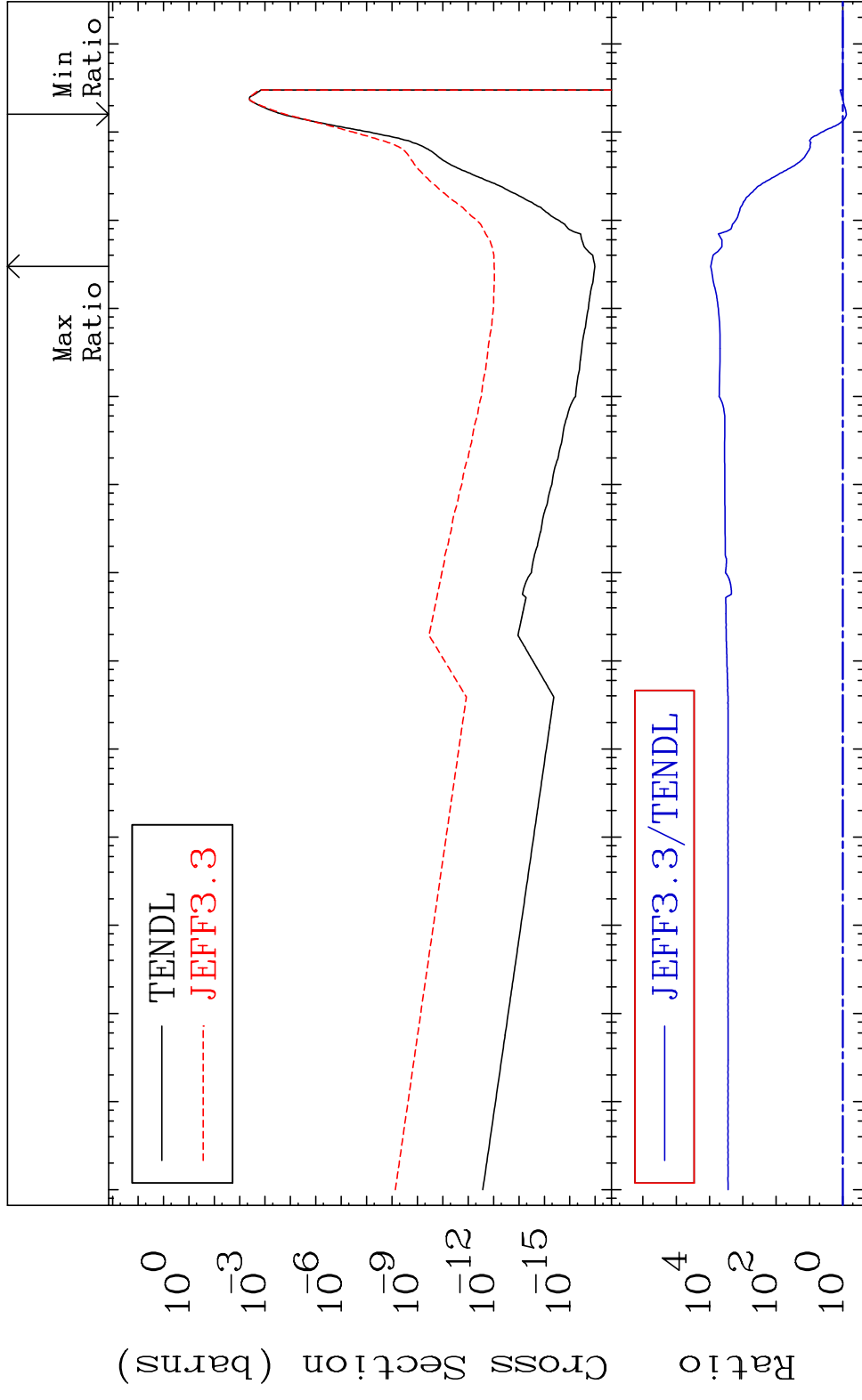
MAT 7652

(n, α)

76-0s-193

Cross Section

-21.76 To 9999. %

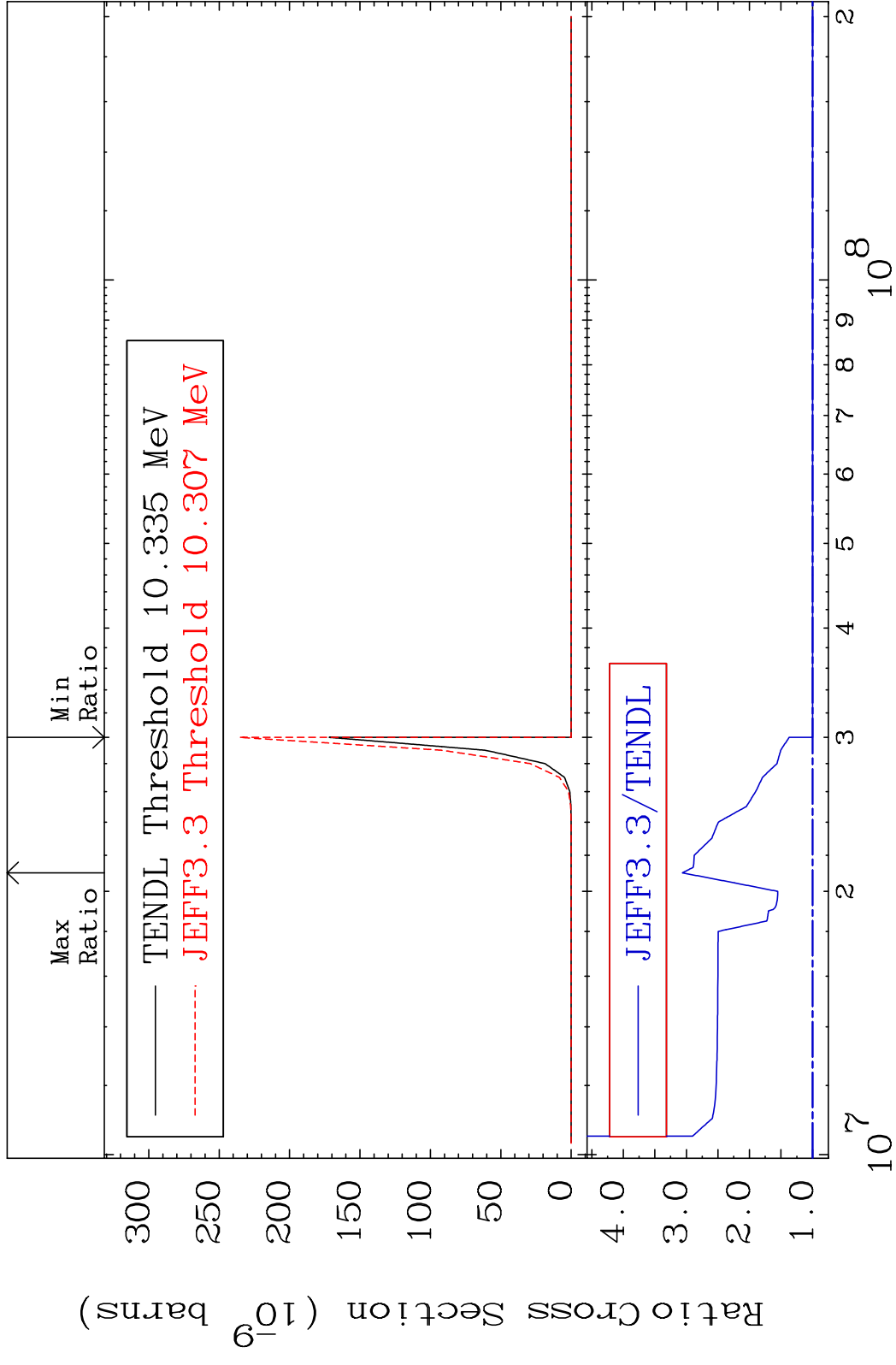


MAT 7652

(n,2p)

76-0s-193

Cross Section 0.000 To 206.4 %



48

Incident Energy (eV)

76-0s-193

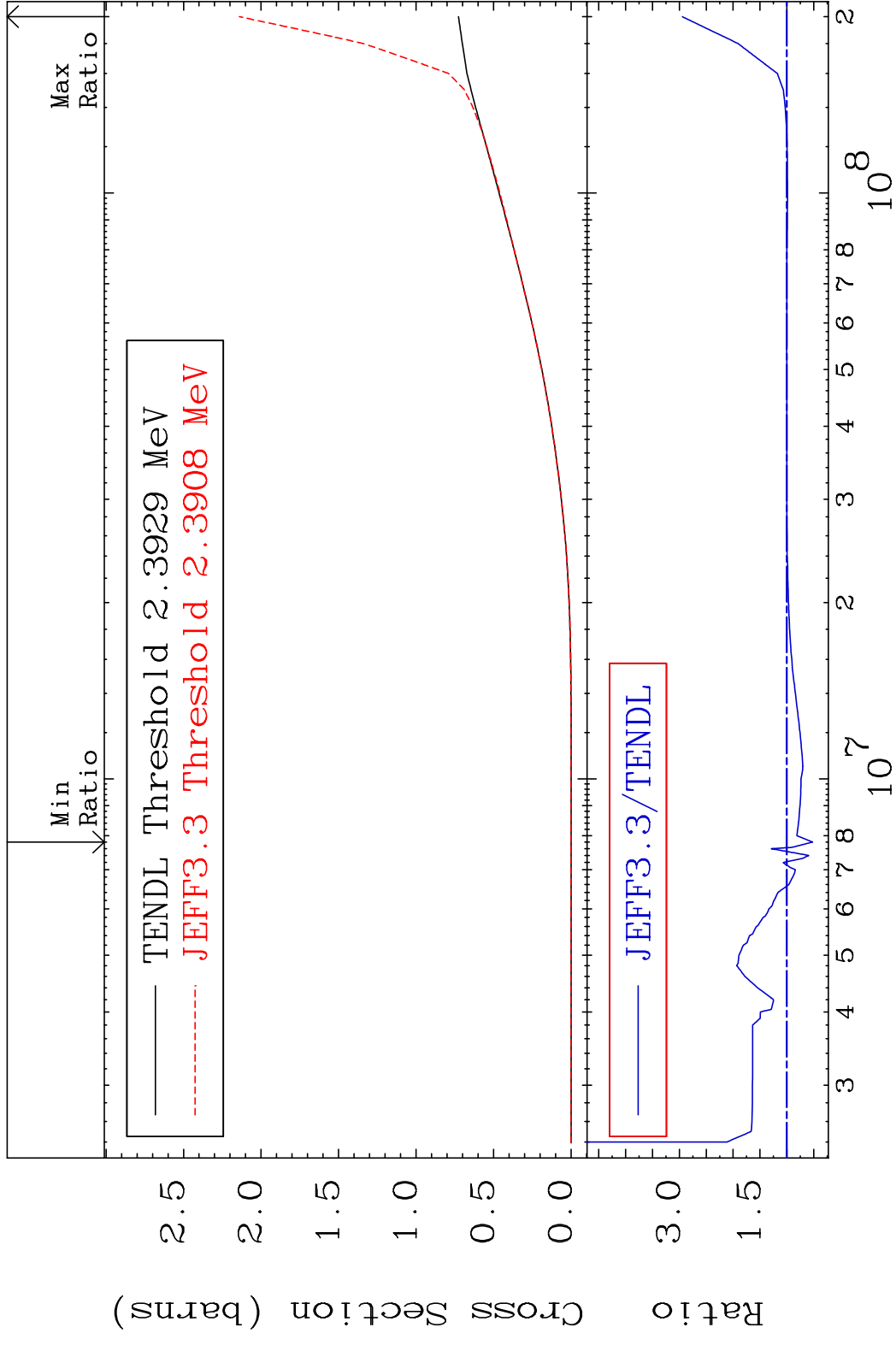
MAT 7652

Hydrogen Production

76-0s-193

Cross Section

-47.77 To 194.4 %



49

Incident Energy (eV)

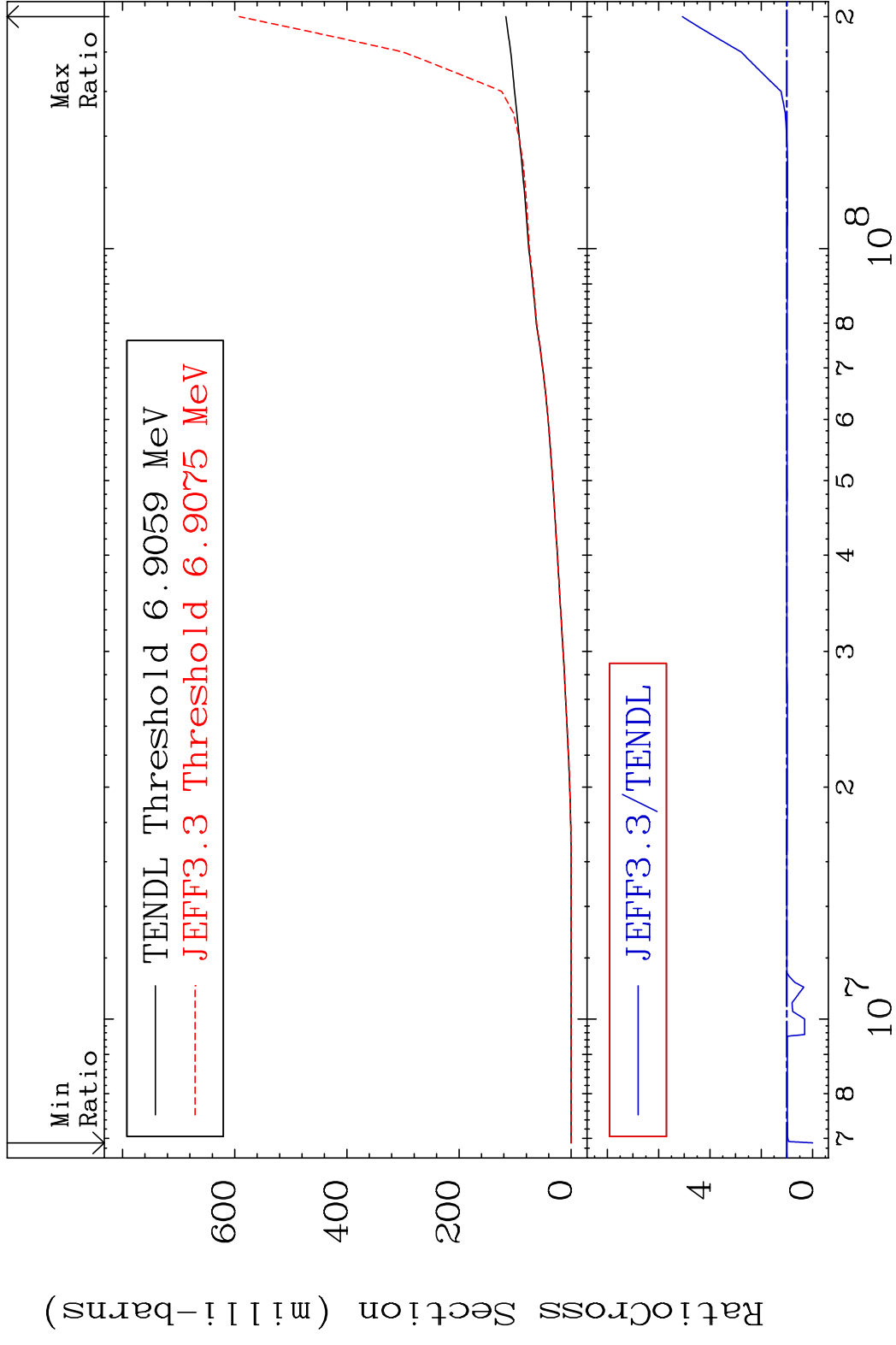
76-0s-193

MAT 7652

Deuterium Production

76-0s-193

Cross Section -100.0 To 407.5 %



50

Incident Energy (eV)

76-0s-193

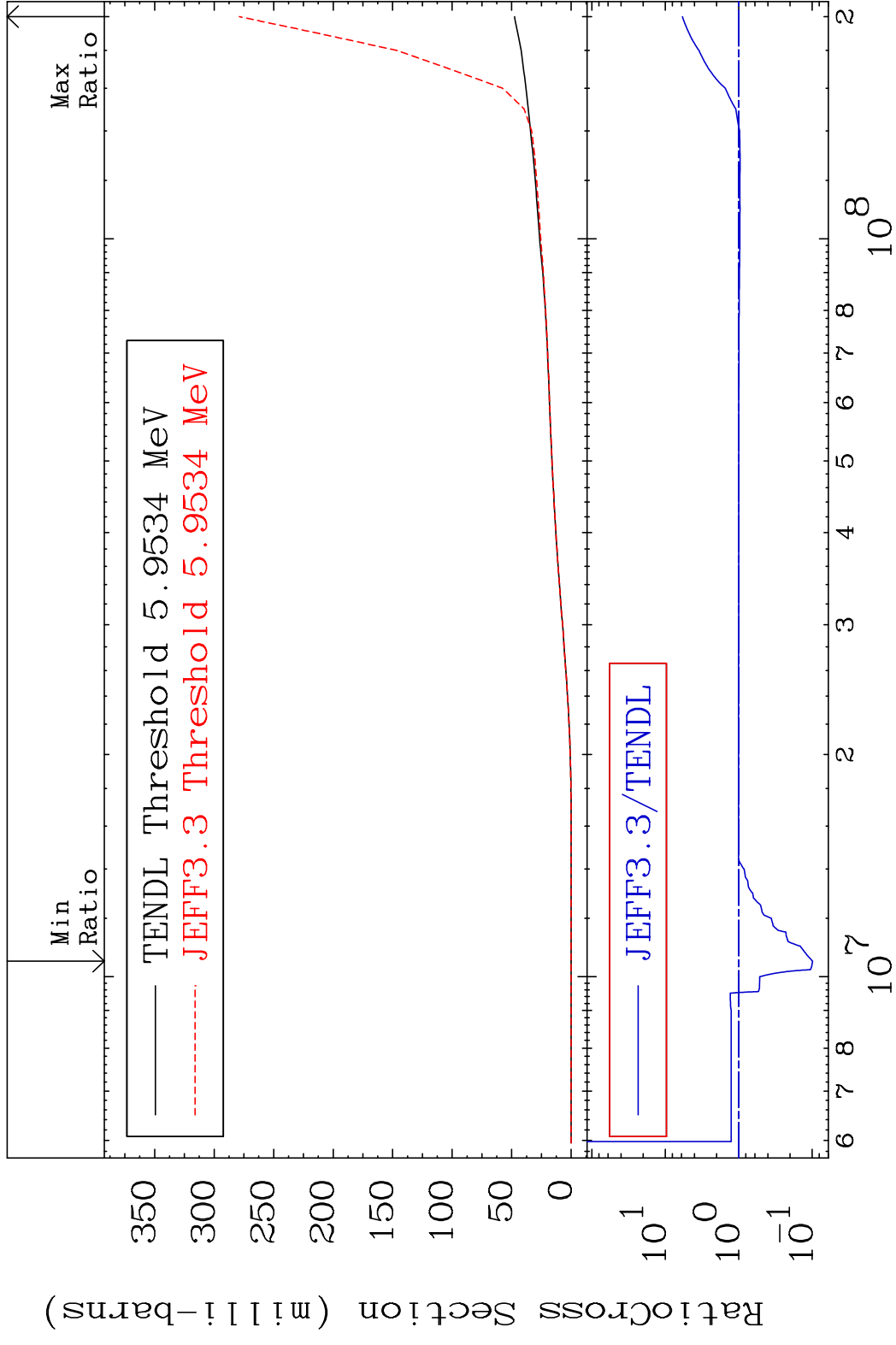
MAT 7652

Tritium Production

76-0s-193

Cross Section

-90.15 To 485.3 %

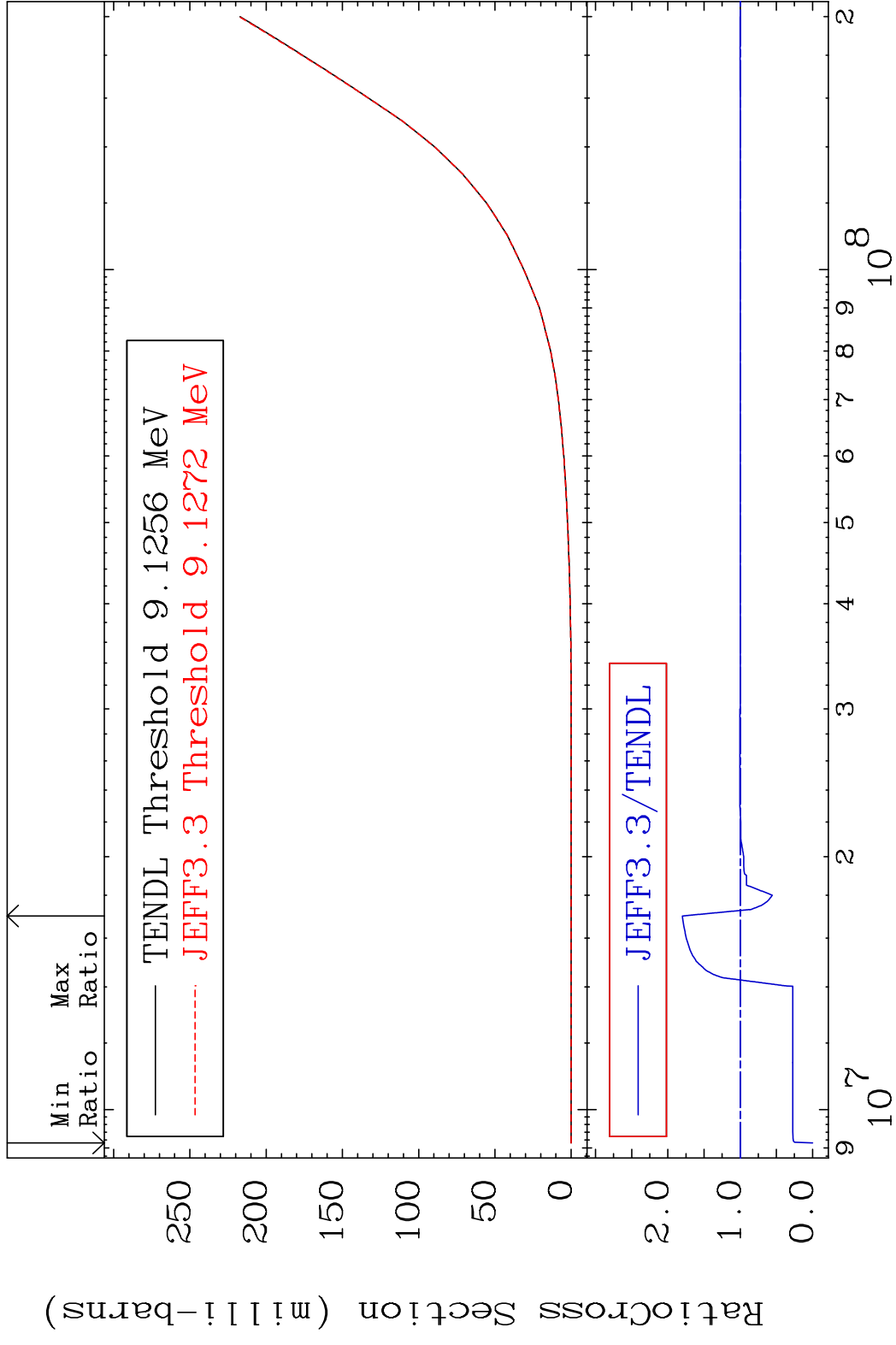


MAT 7652

He-3 Production

76-0s-193

Cross Section -100.0 To 79.99 %



52

Incident Energy (eV)

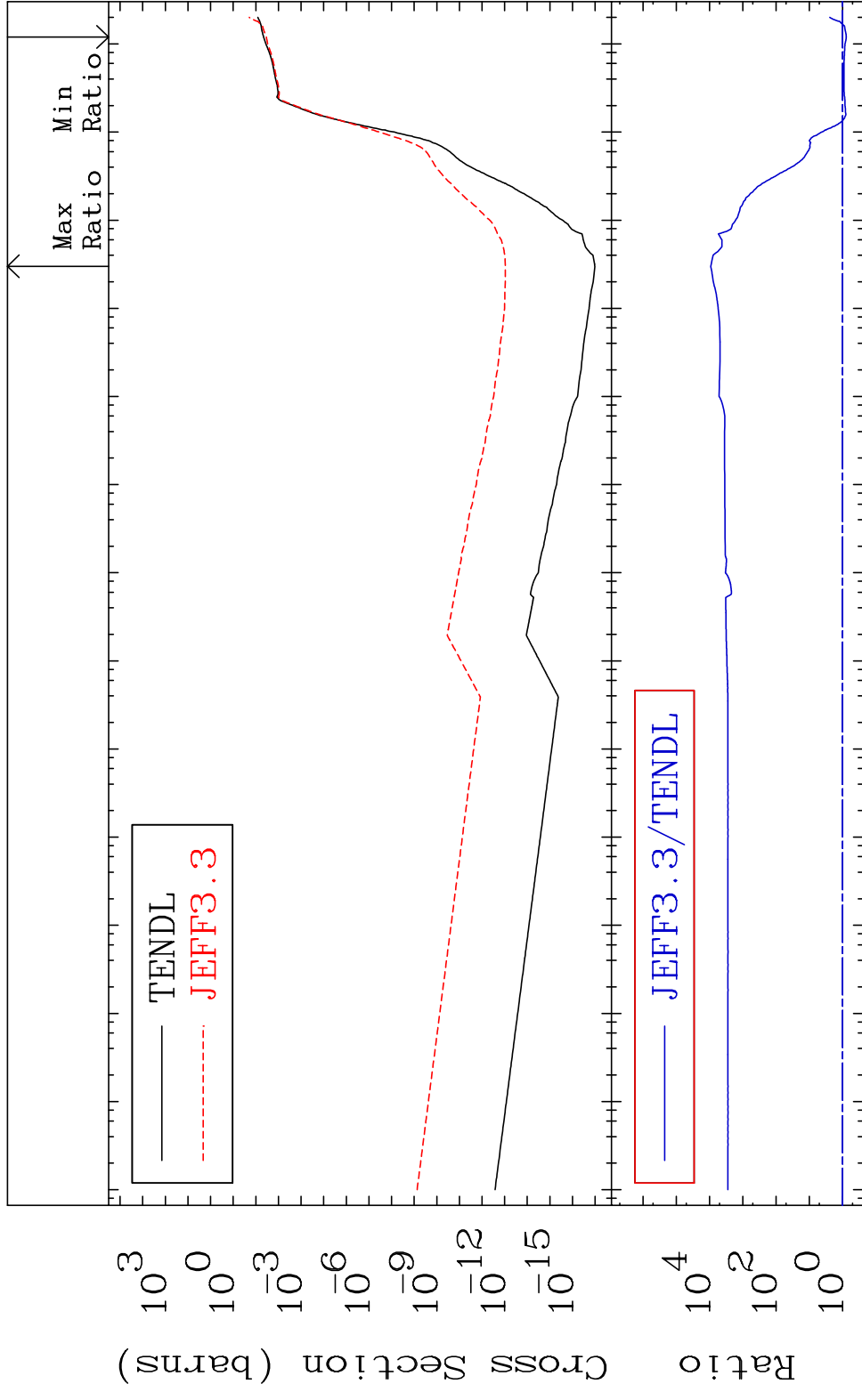
76-0s-193

MAT 7652

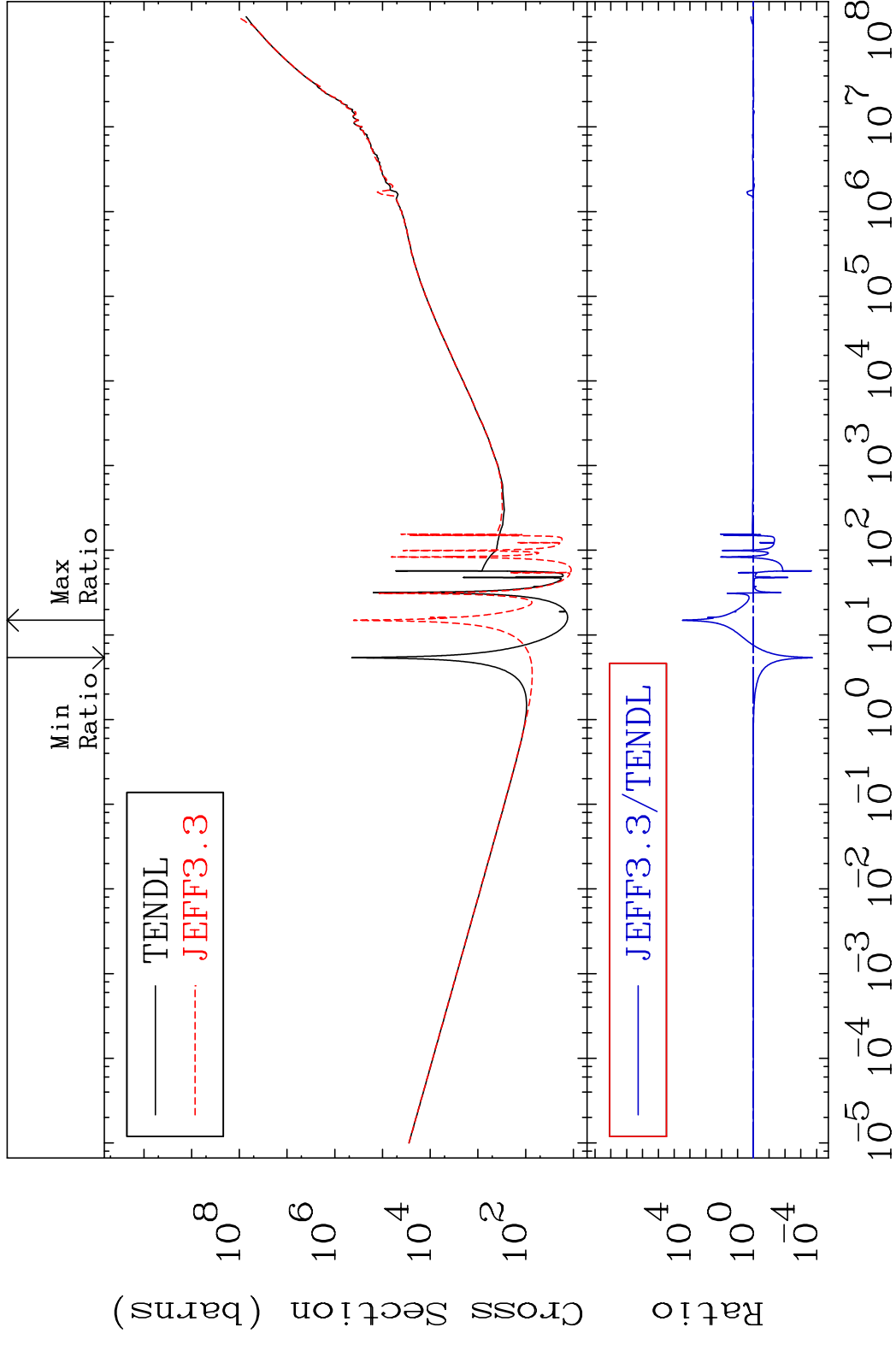
He-4 Production

76-0s-193

Cross Section -23.48 To 9999. %



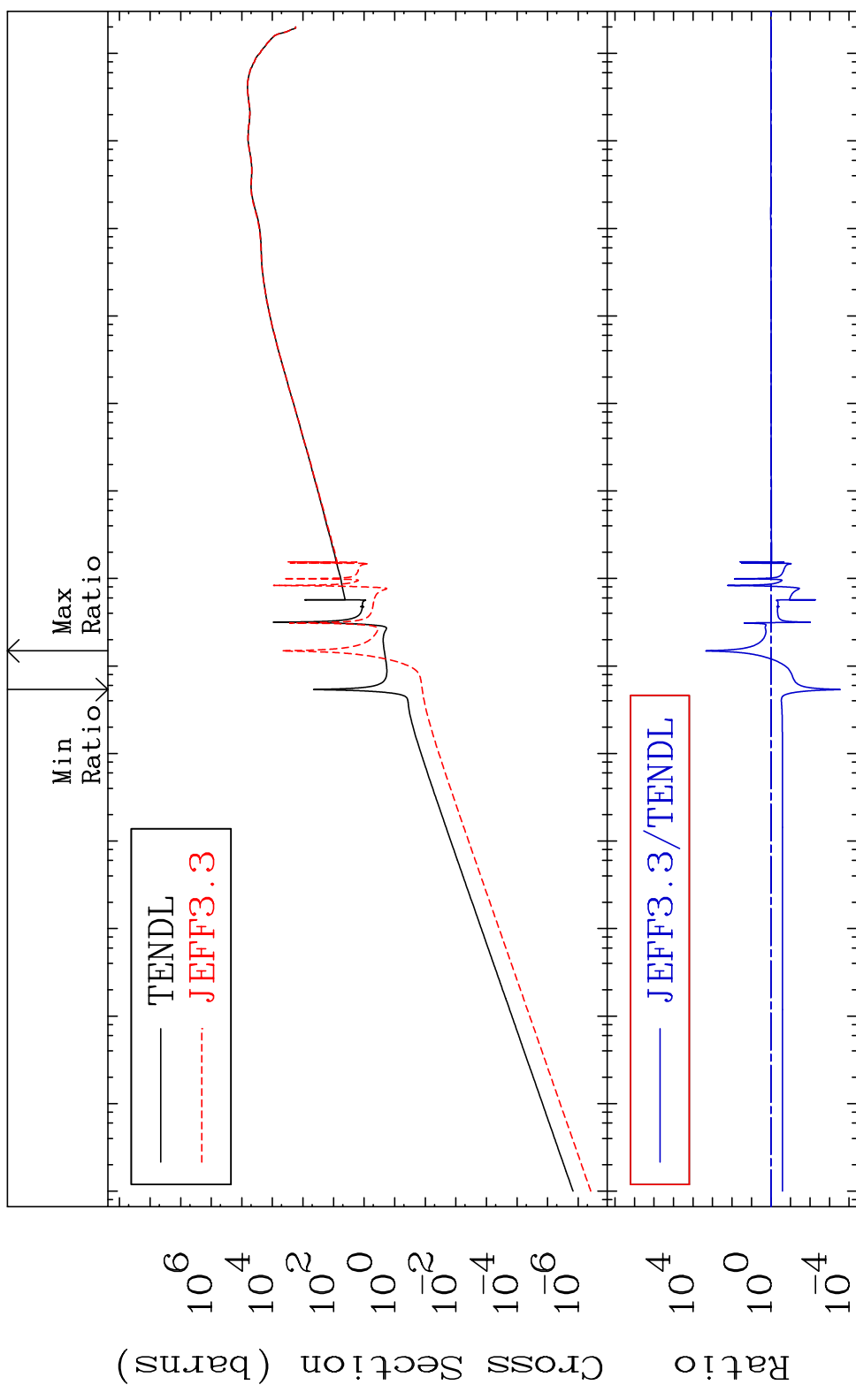
MAT 7652 Kerma total (eV-barns) 76-0s-193
 Cross Section -99.98 To 9999. %



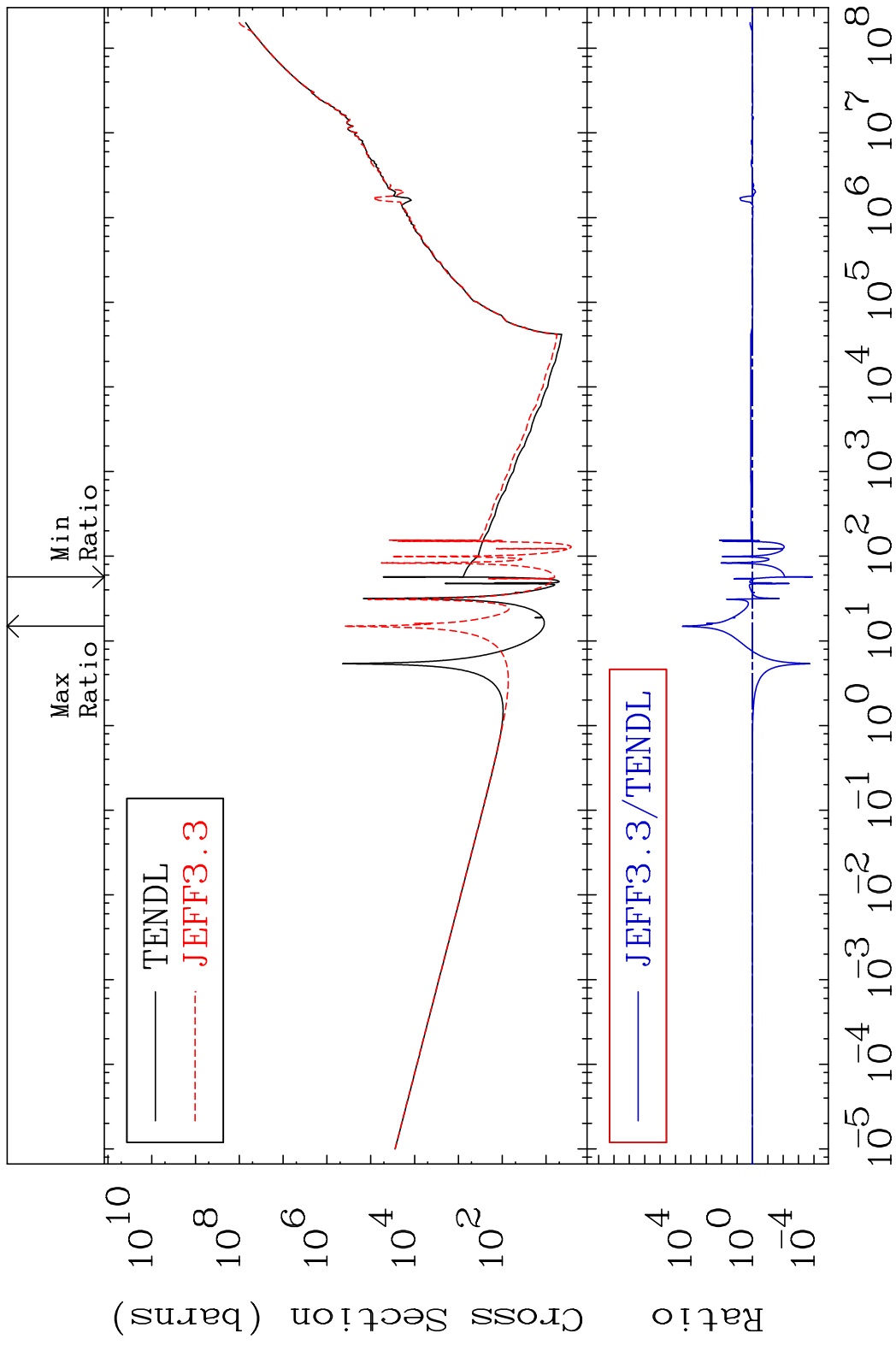
MAT 7652

Kerma elastic Cross Section -99.97 To 9999. %

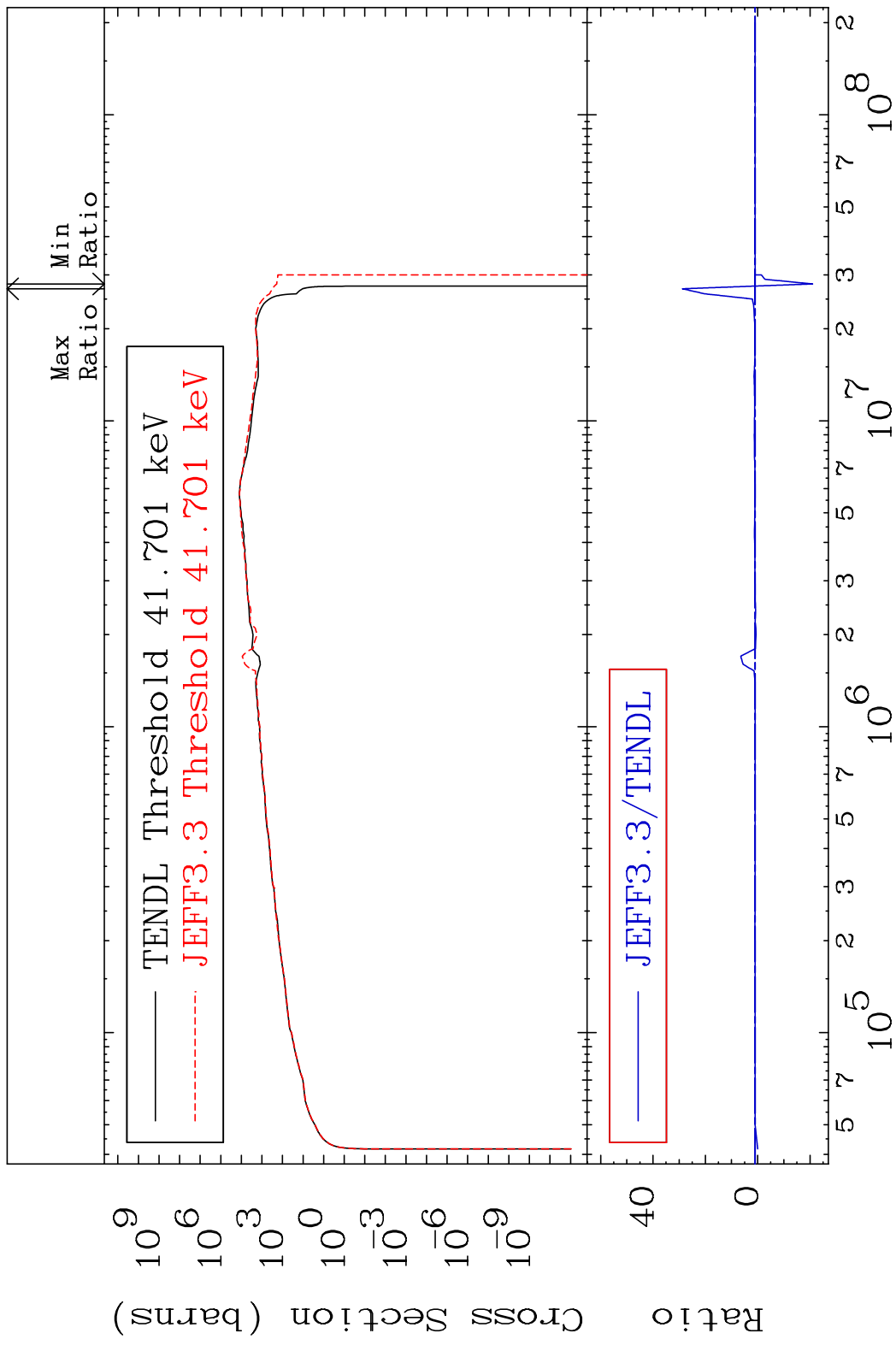
76-0s-193



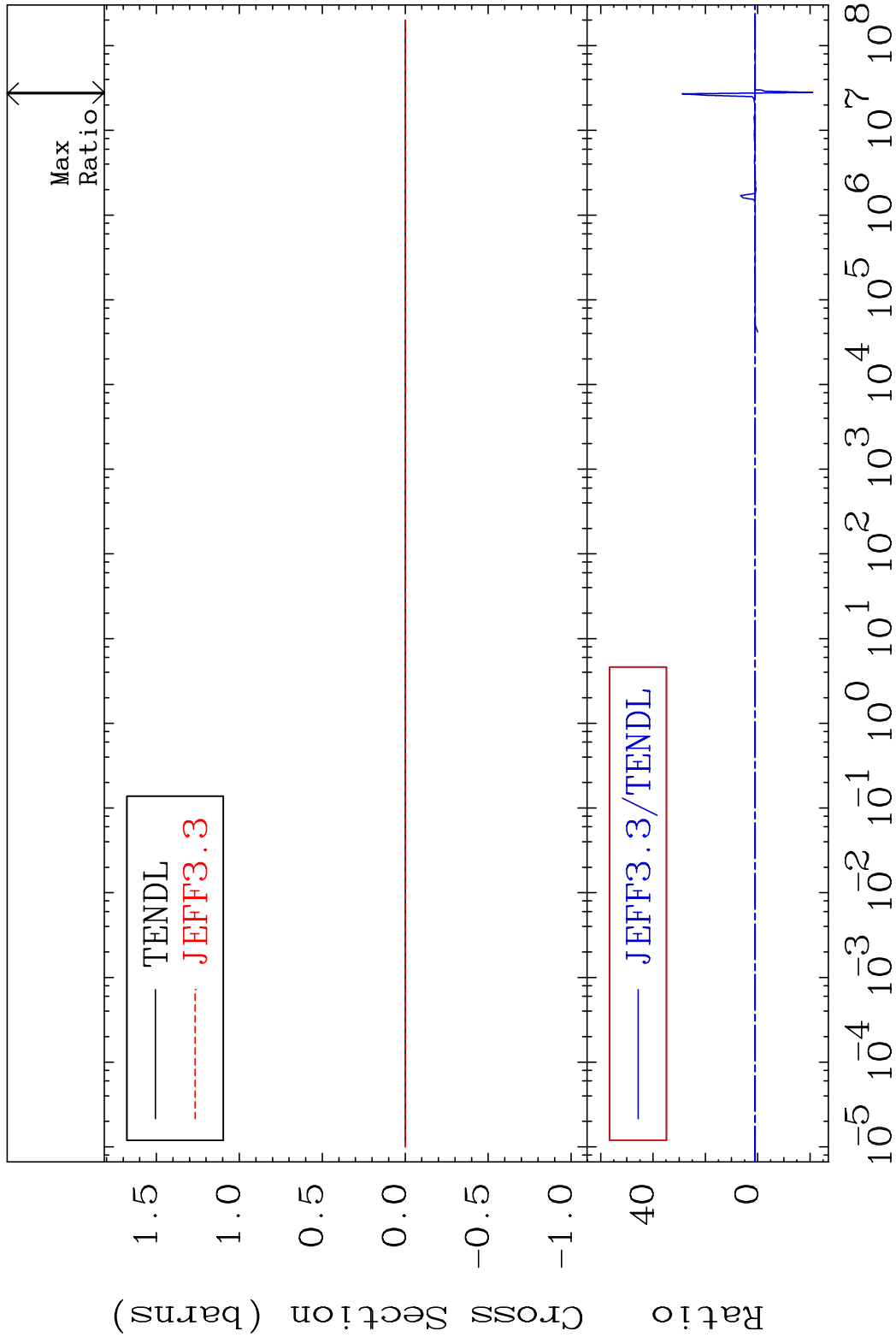
MAT 7652 Kerma non-elastic (all but mt2) 76-Os-193
 Cross Section -99.99 To 9999. %

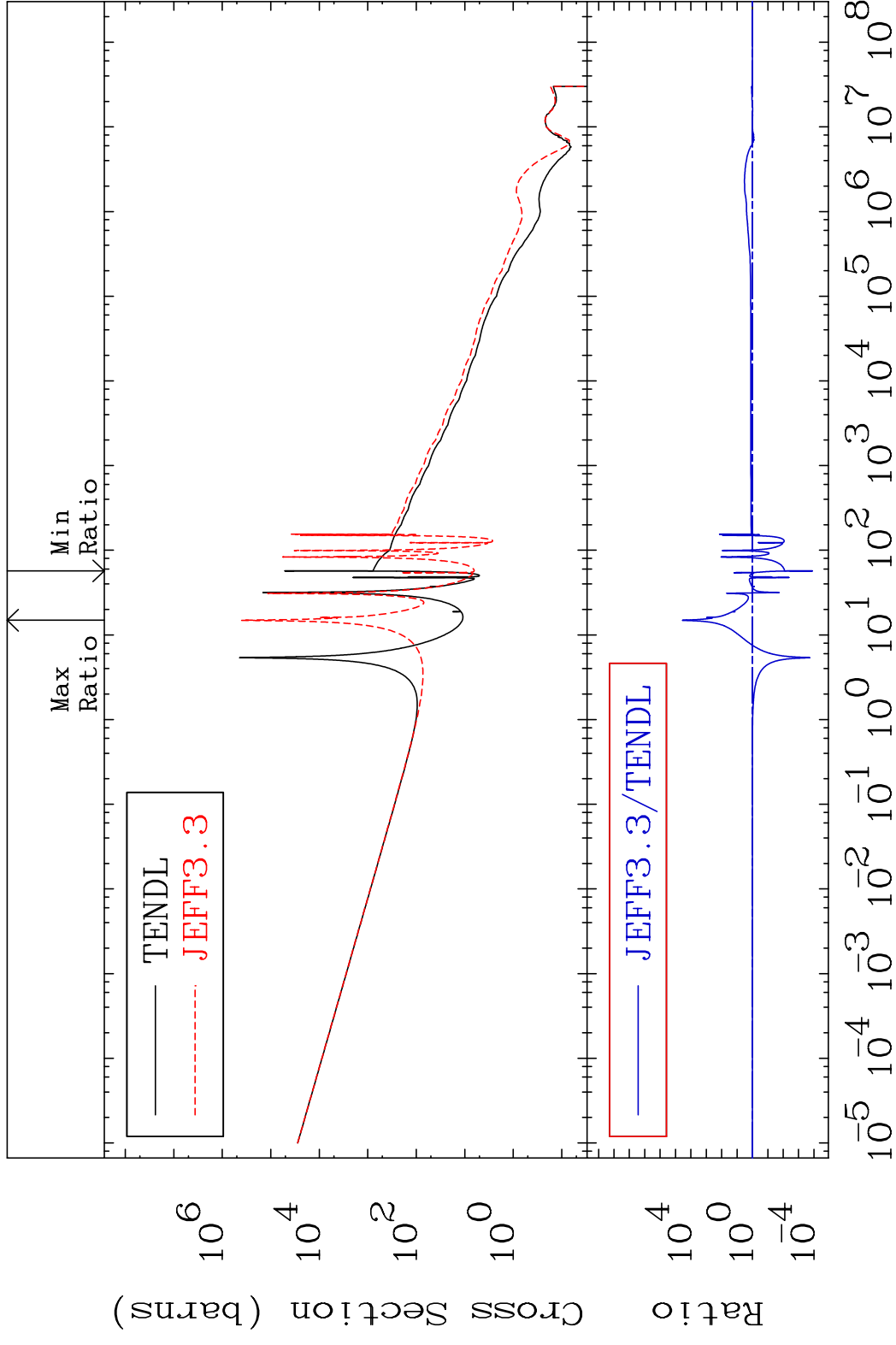


MAT 7652 Kerma inelastic (mt51-91) 76-0s-193
 Cross Section -2198. To 2778. %

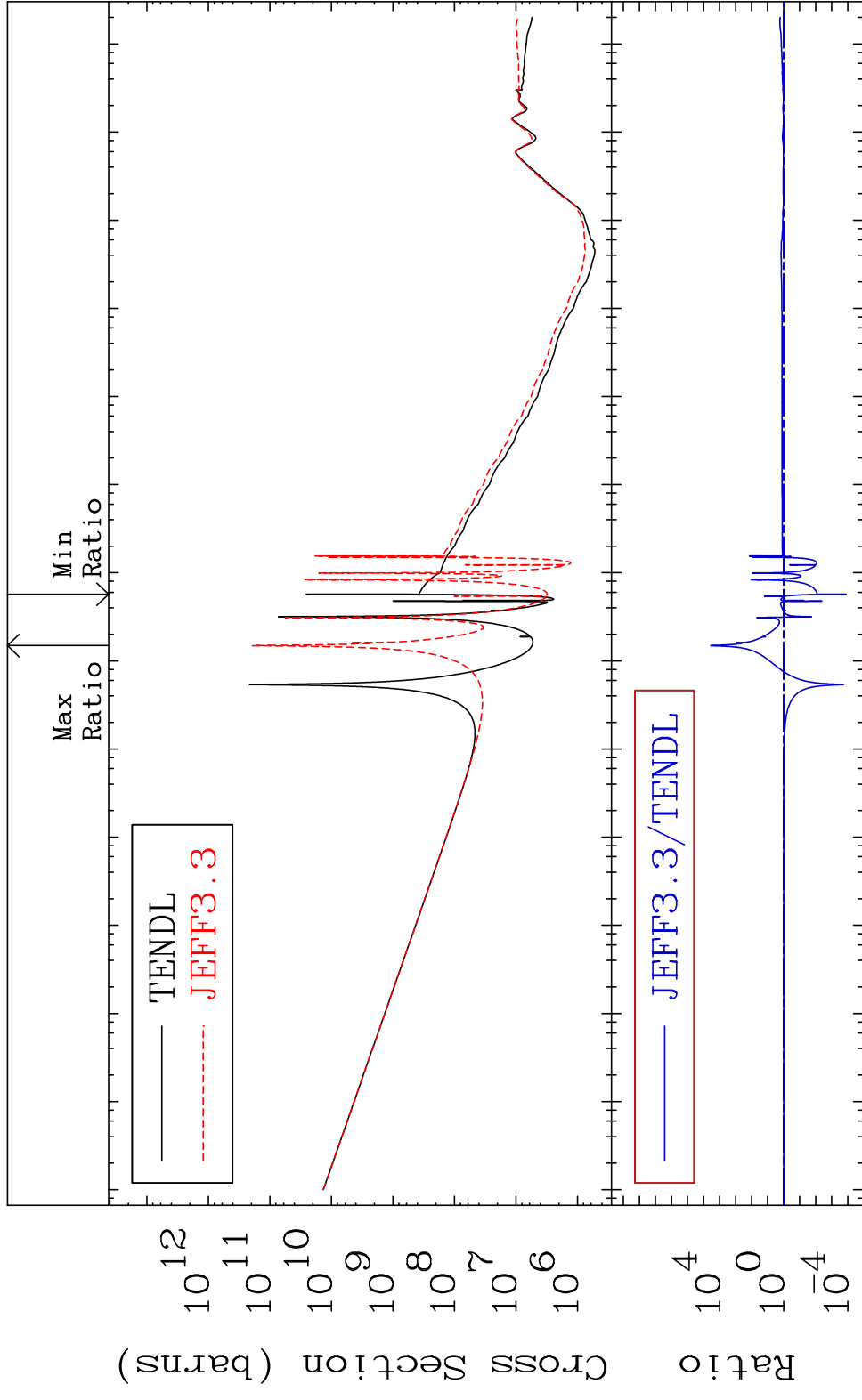


MAT 7652 Kerma fission (mt18 or mt19-20-21-38) 76-0s-193
 Cross Section -2198. To 2778. %



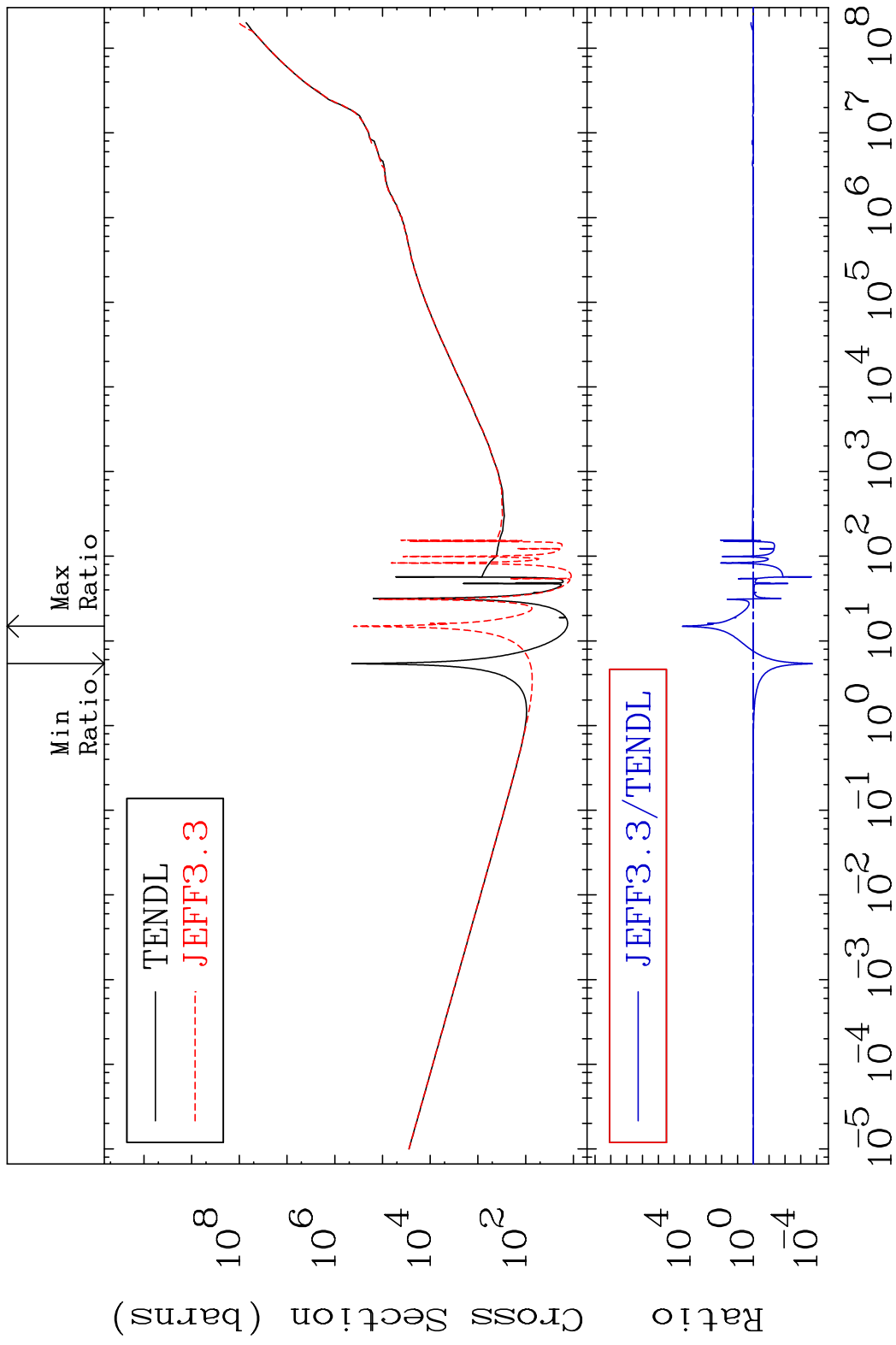


MAT 7652 Total photon (eV-barns) 76-0s-193
 Cross Section -99.99 To 9999. %



60 Incident Energy (eV) 76-0s-193

MAT 7652 Total kinematic kerma (high limit) 76-0s-193
 Cross Section -99.98 To 9999. %

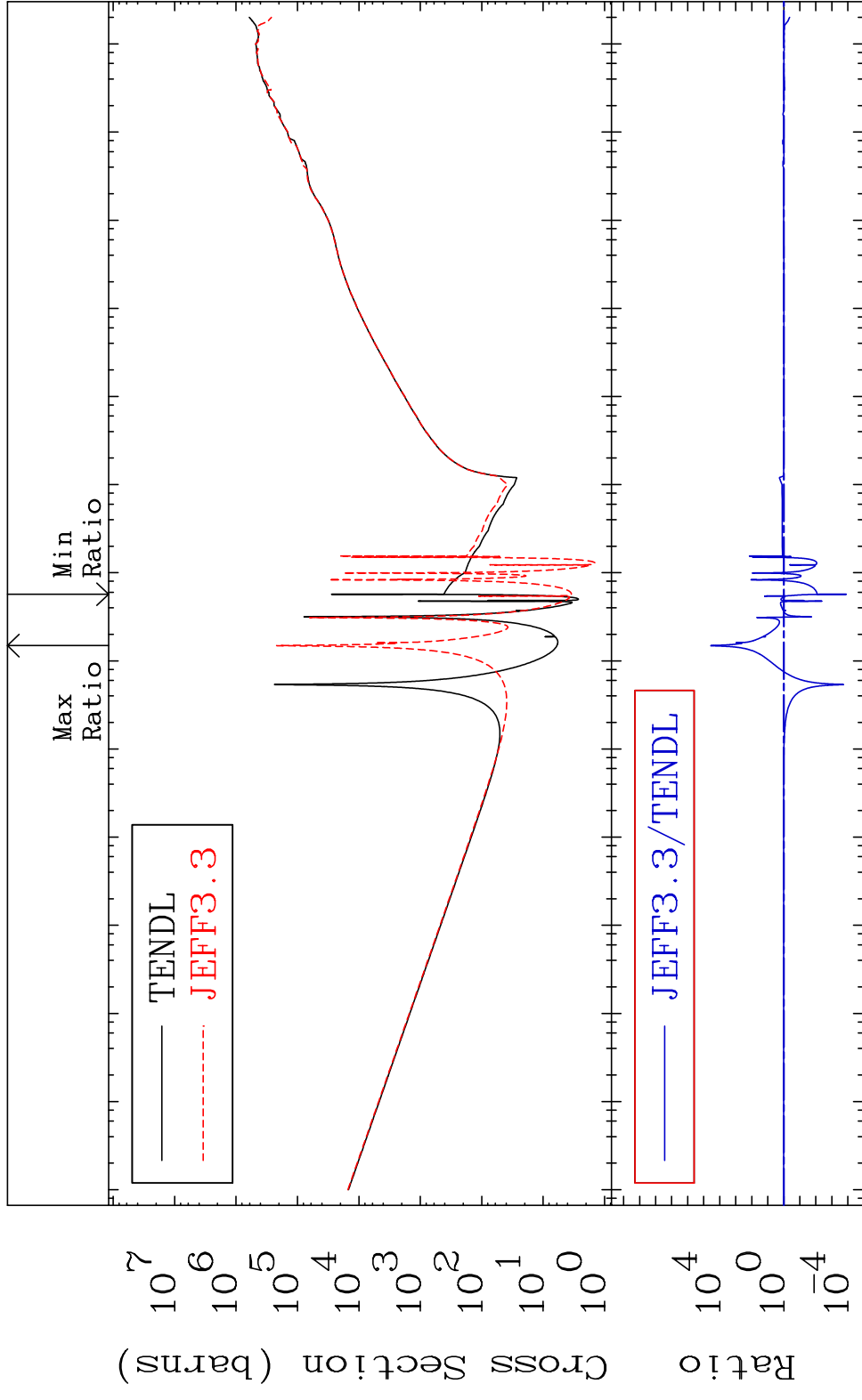


MAT 7652

Dpa total (eV-barns)

76-0s-193

Cross Section -99.99 To 9999. %

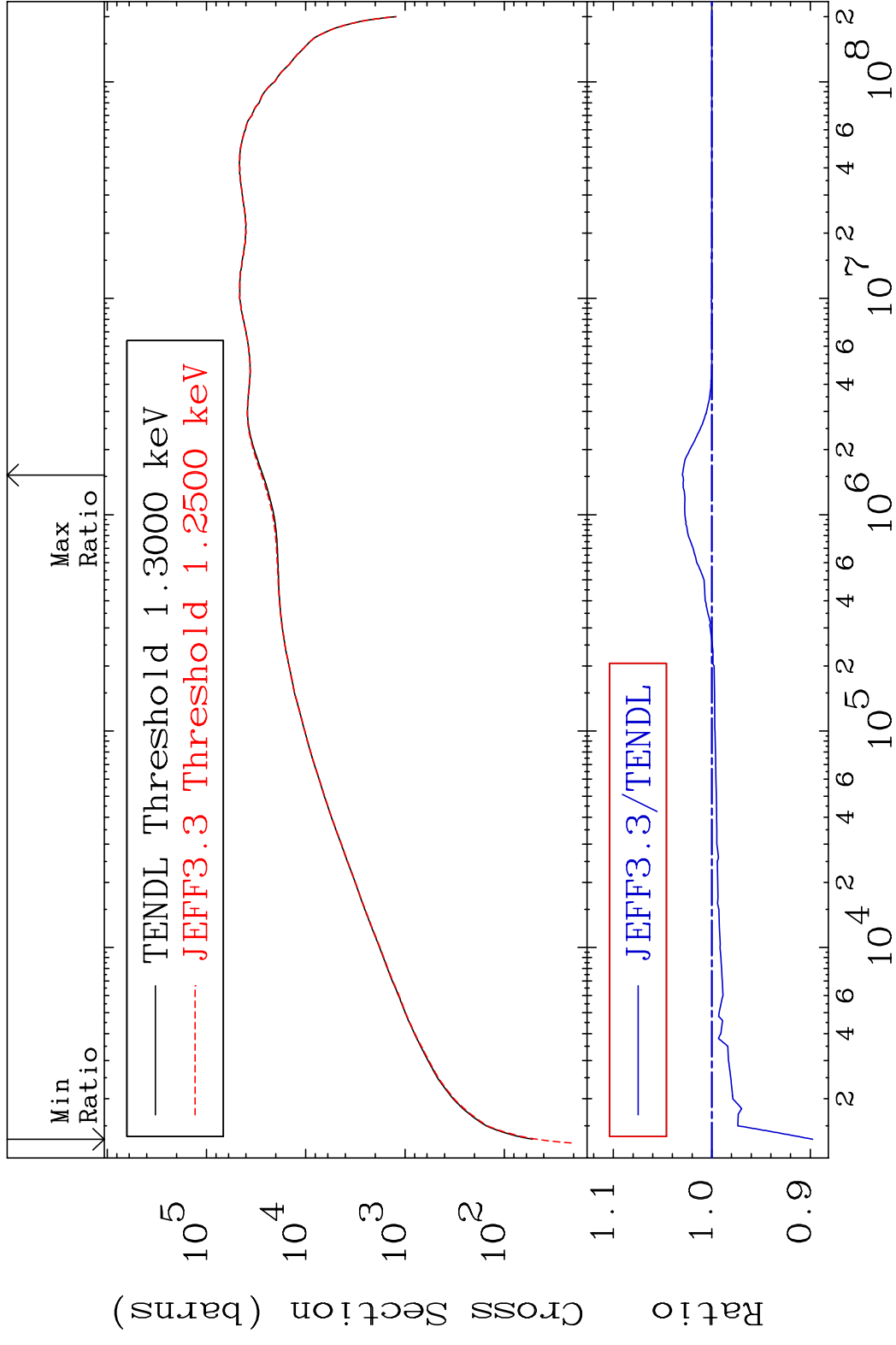


MAT 7652

Dpa elastic (mt2)

76-0s-193

Cross Section -10.23 To 2.993 %

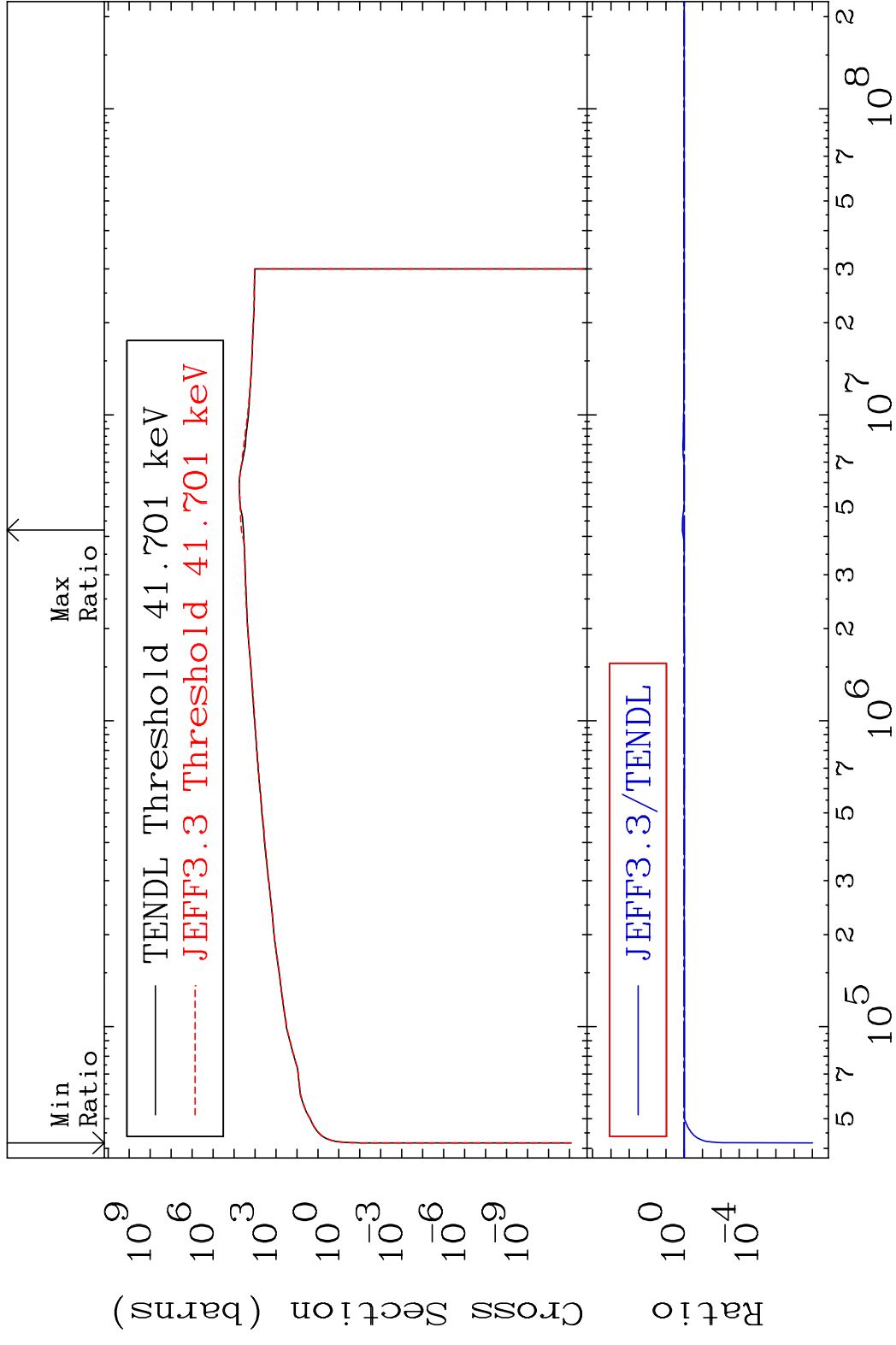


MAT 7652

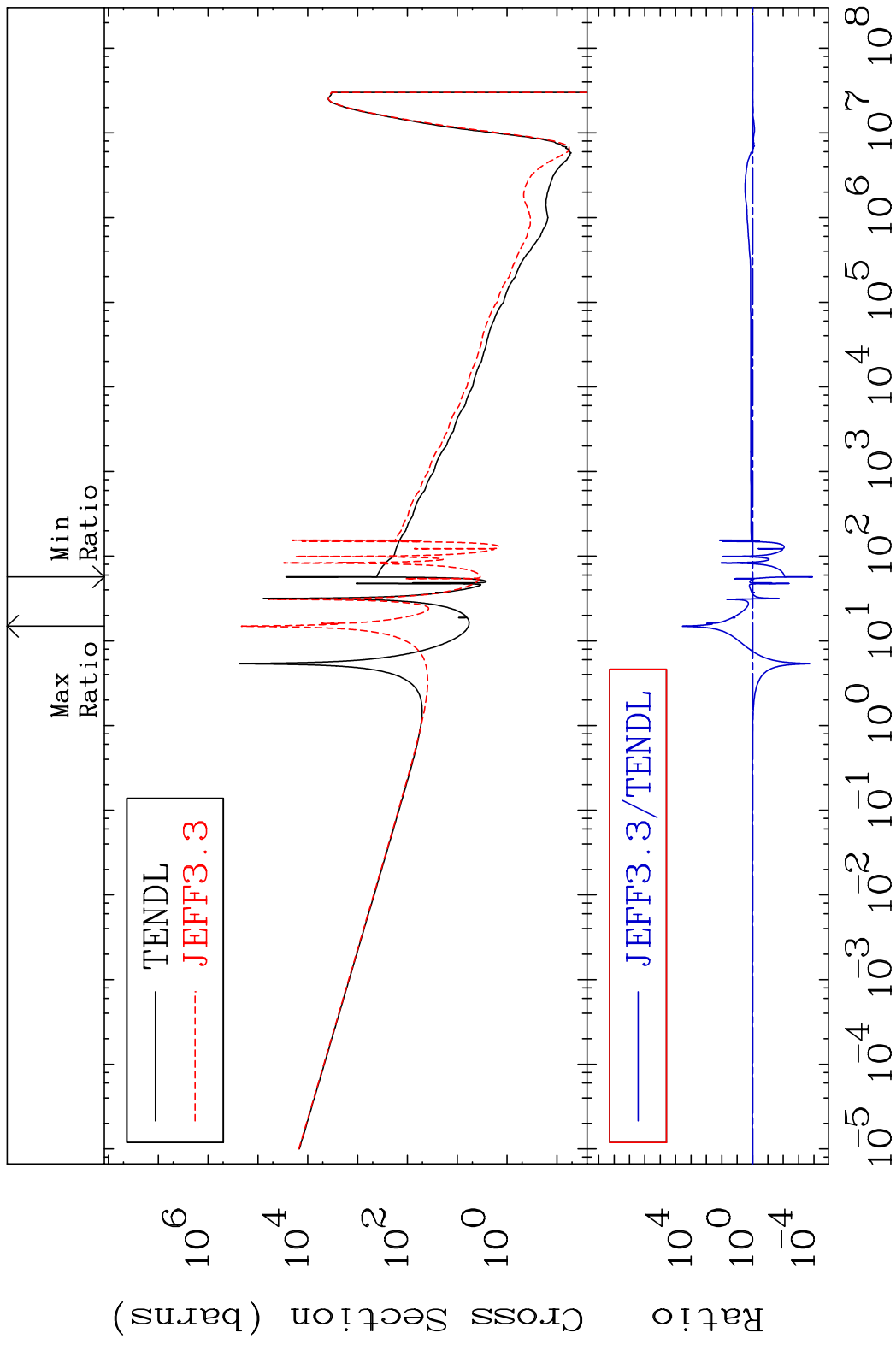
Dpa inelastic (mt51-91)

76-0s-193

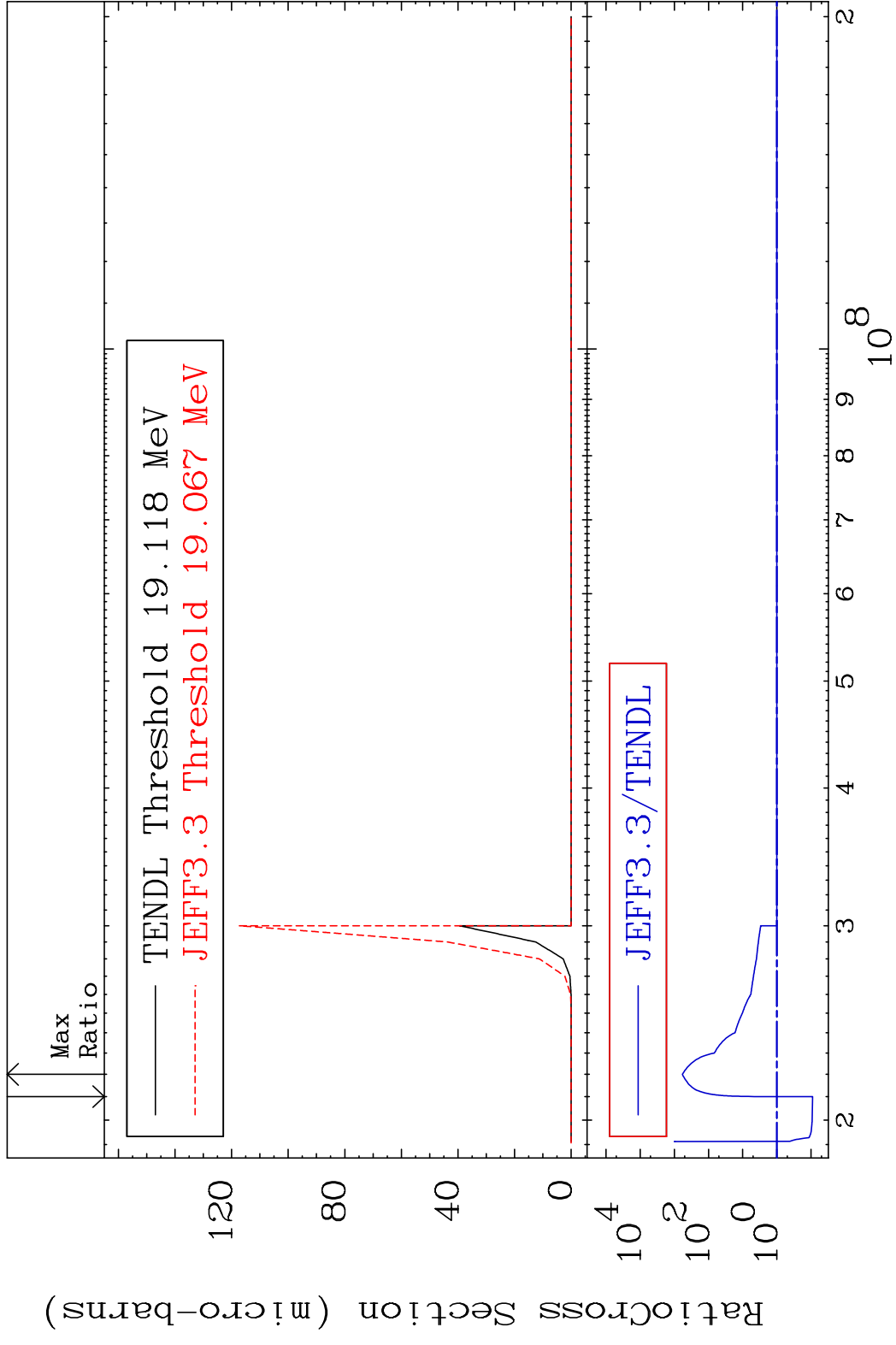
Cross Section -100.0 To 26.12 %

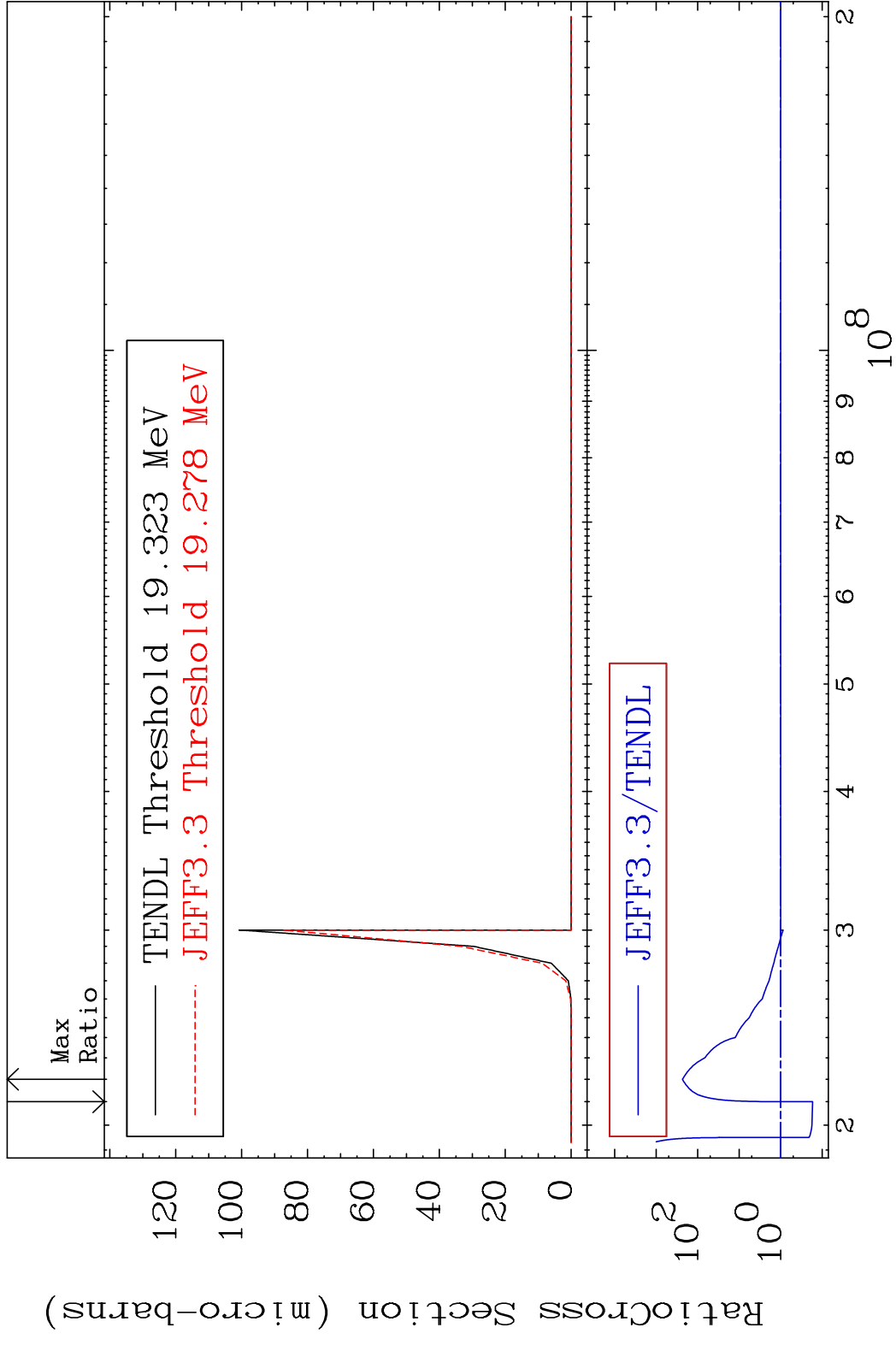


MAT 7652 Dpa disappearance (mt102 -120) 76-0s-193
 Cross Section -99.99 To 9999. %

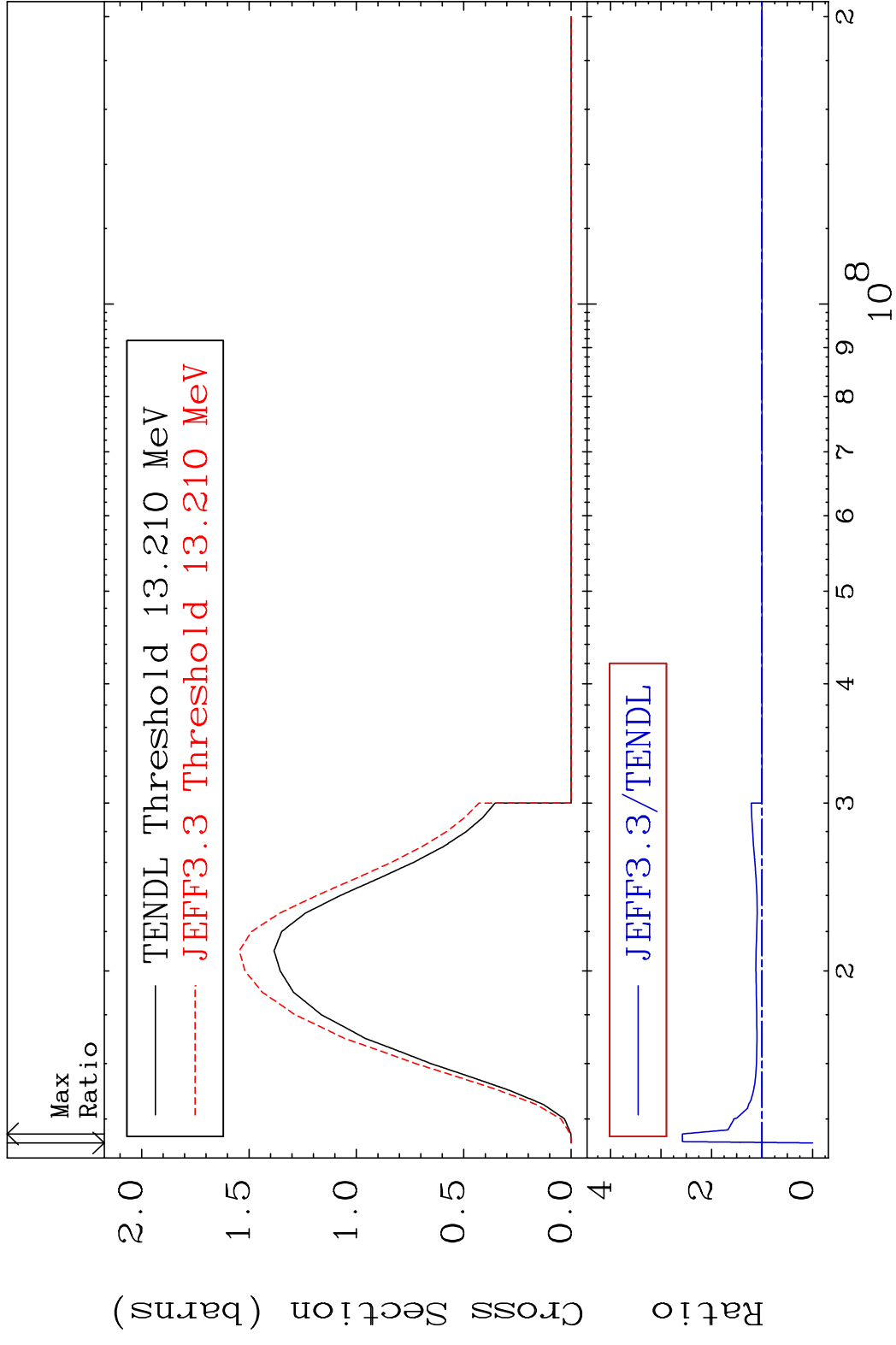


65 Incident Energy (eV) 76-0s-193

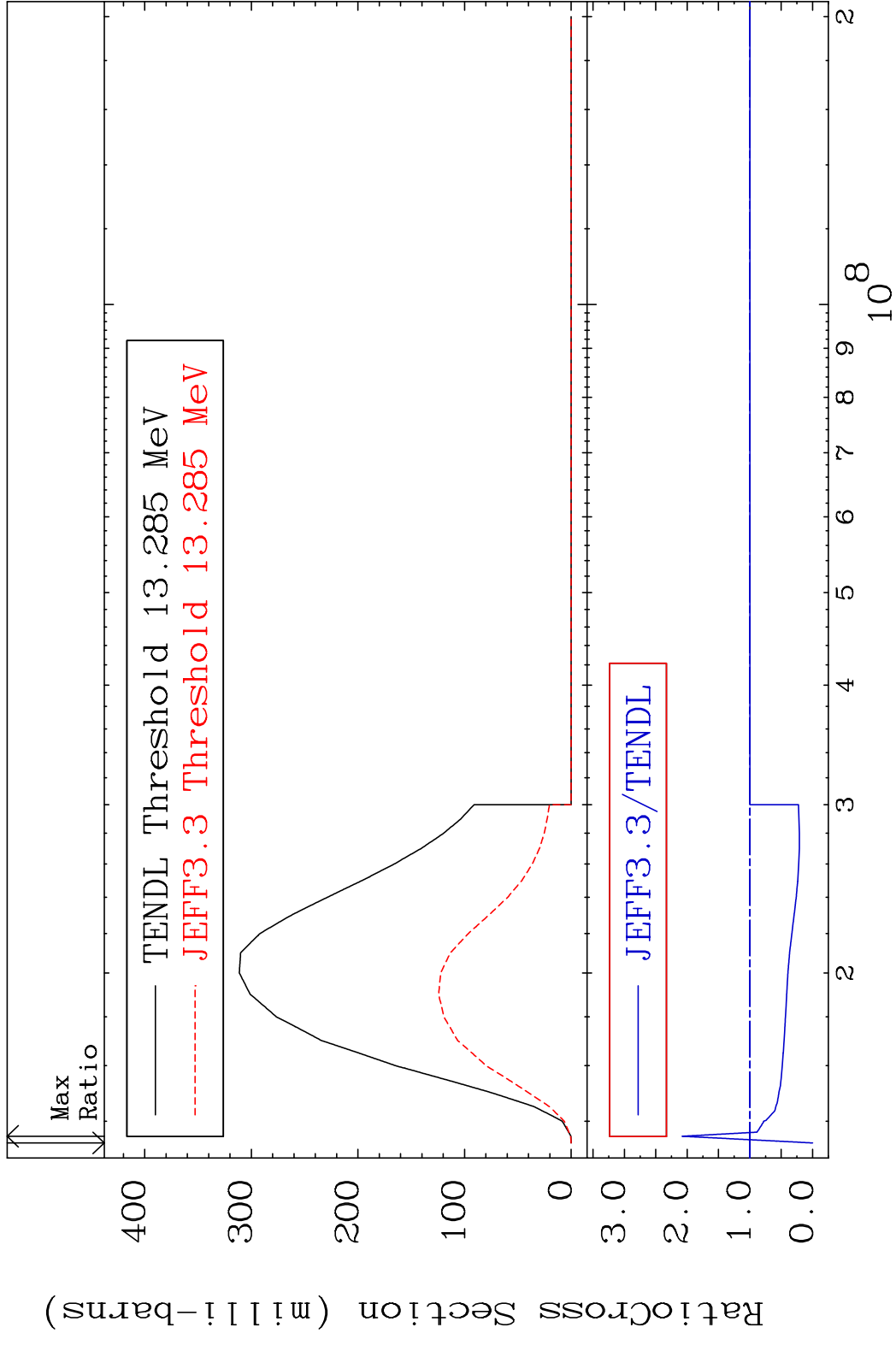


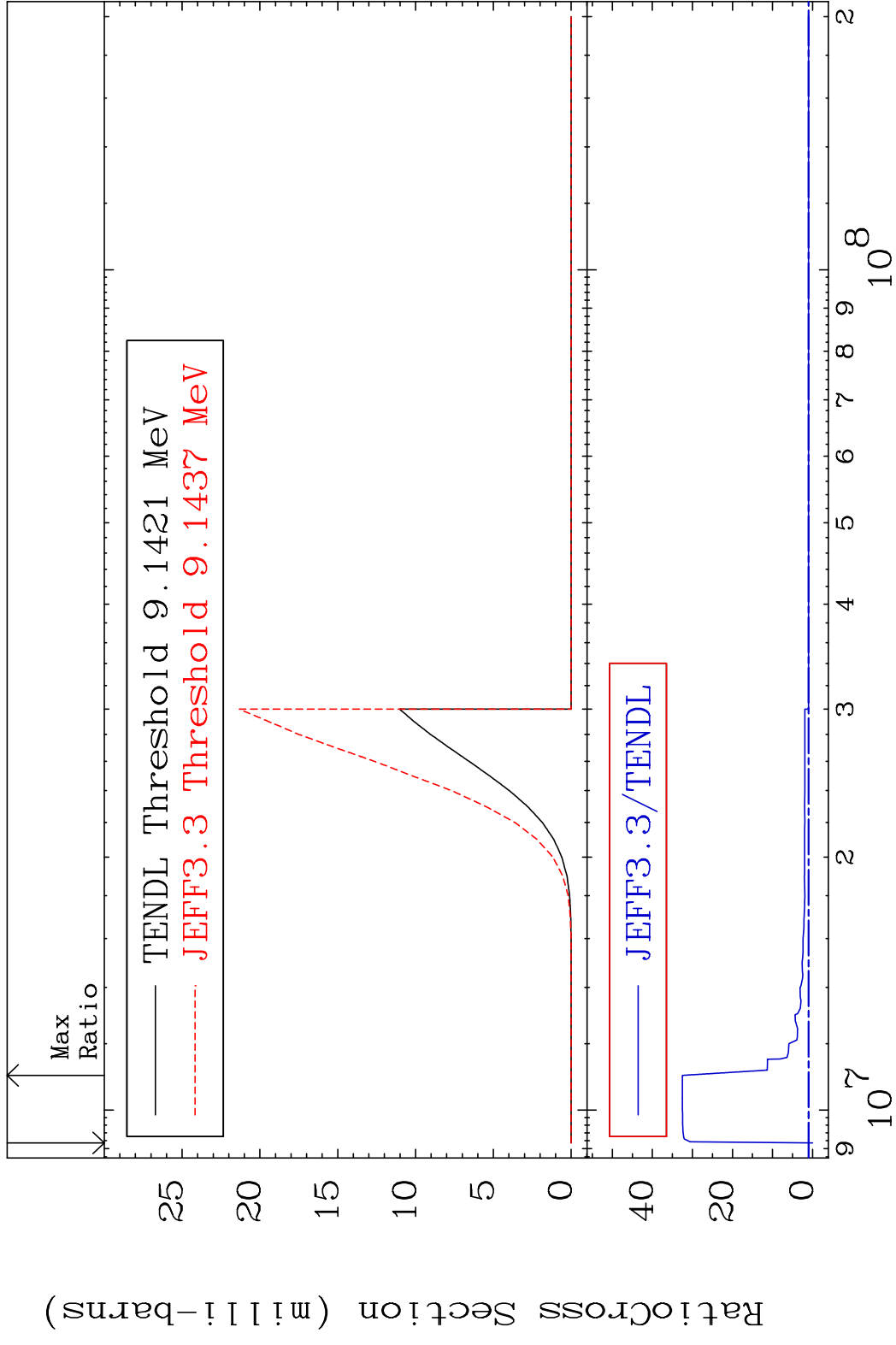


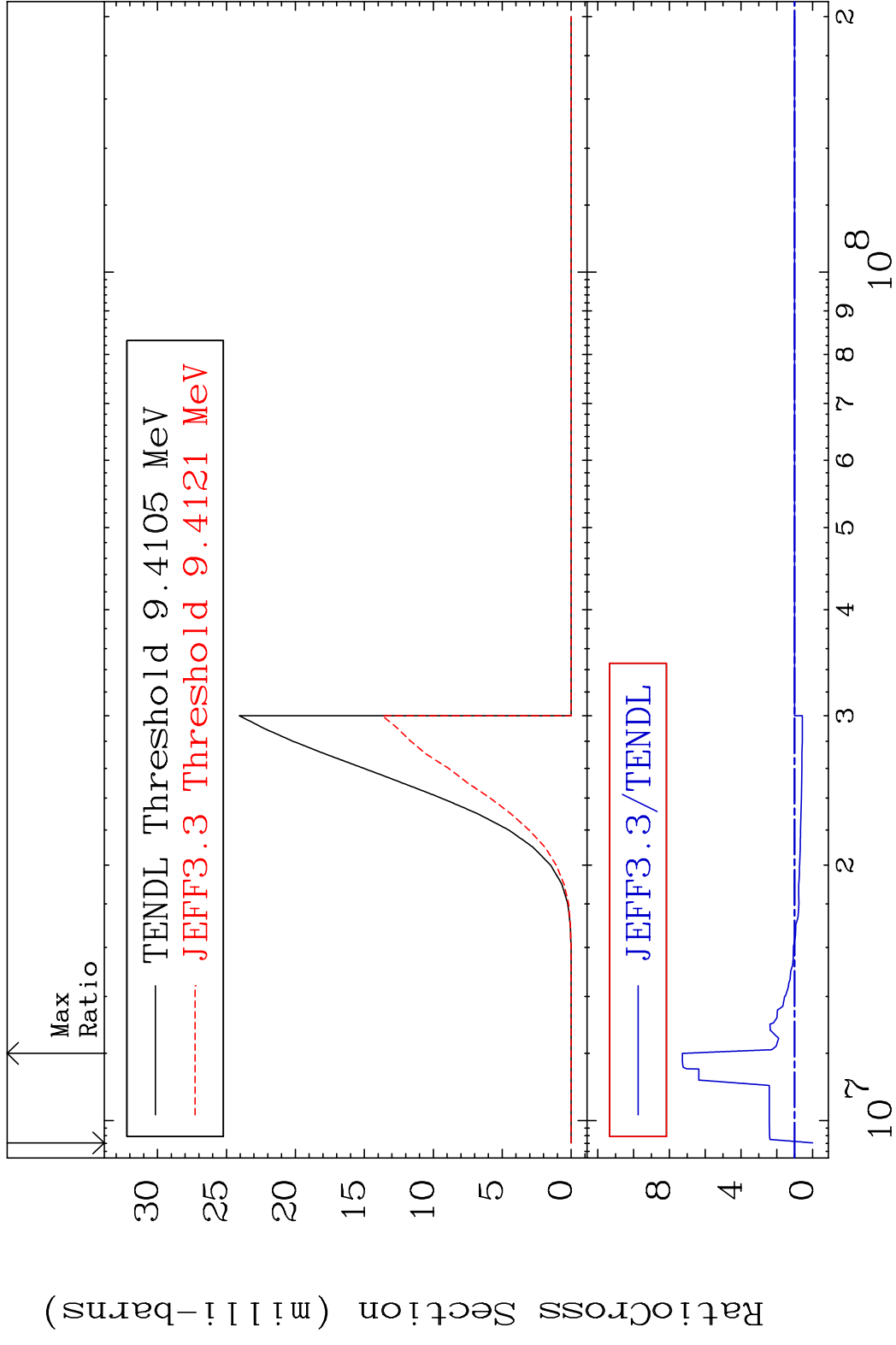
MAT 7652 (n,3n):76-Os-191g 76-Os-193
 Radionuclide Production Cross Section Ratio 157.7 %

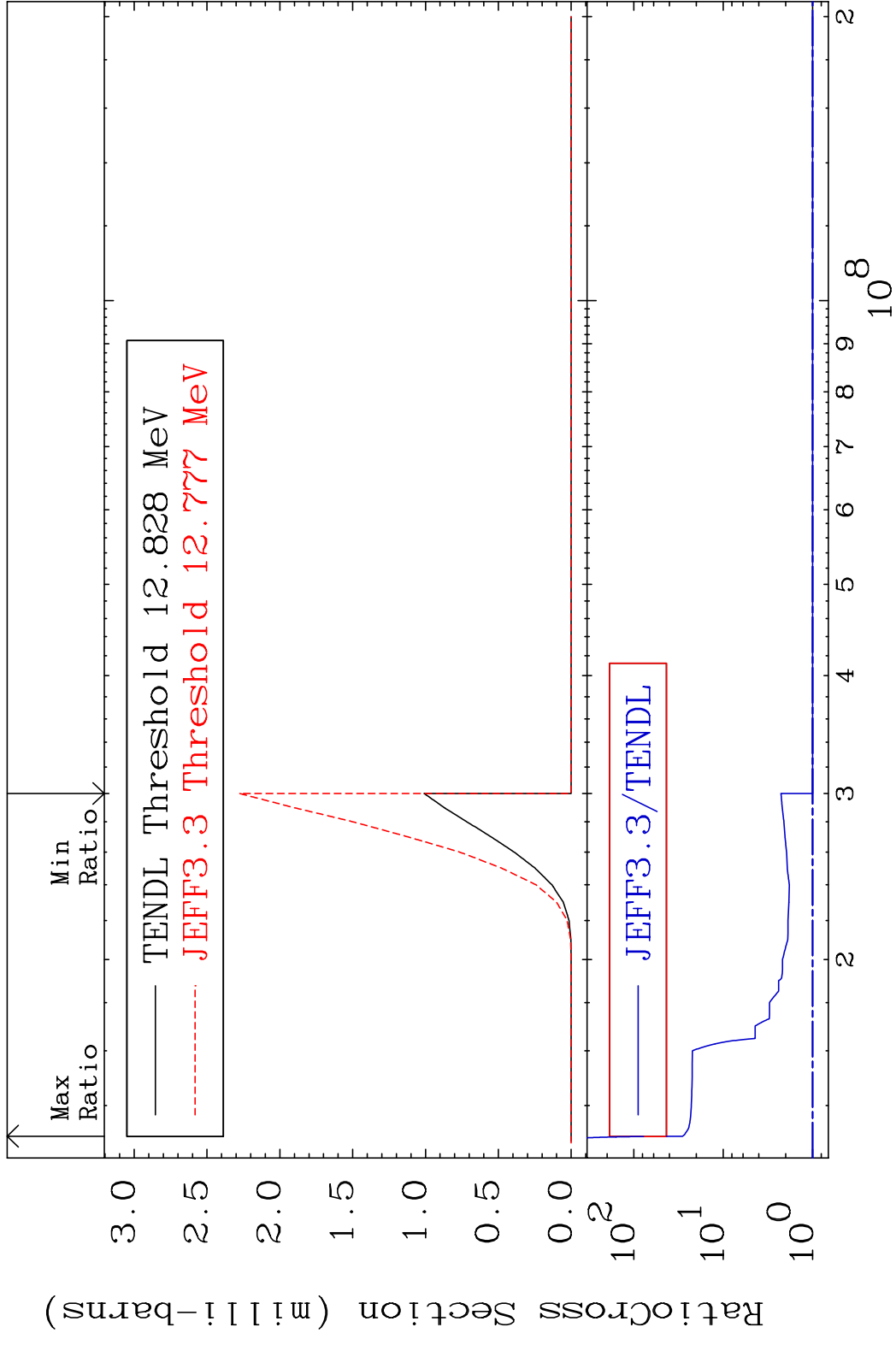


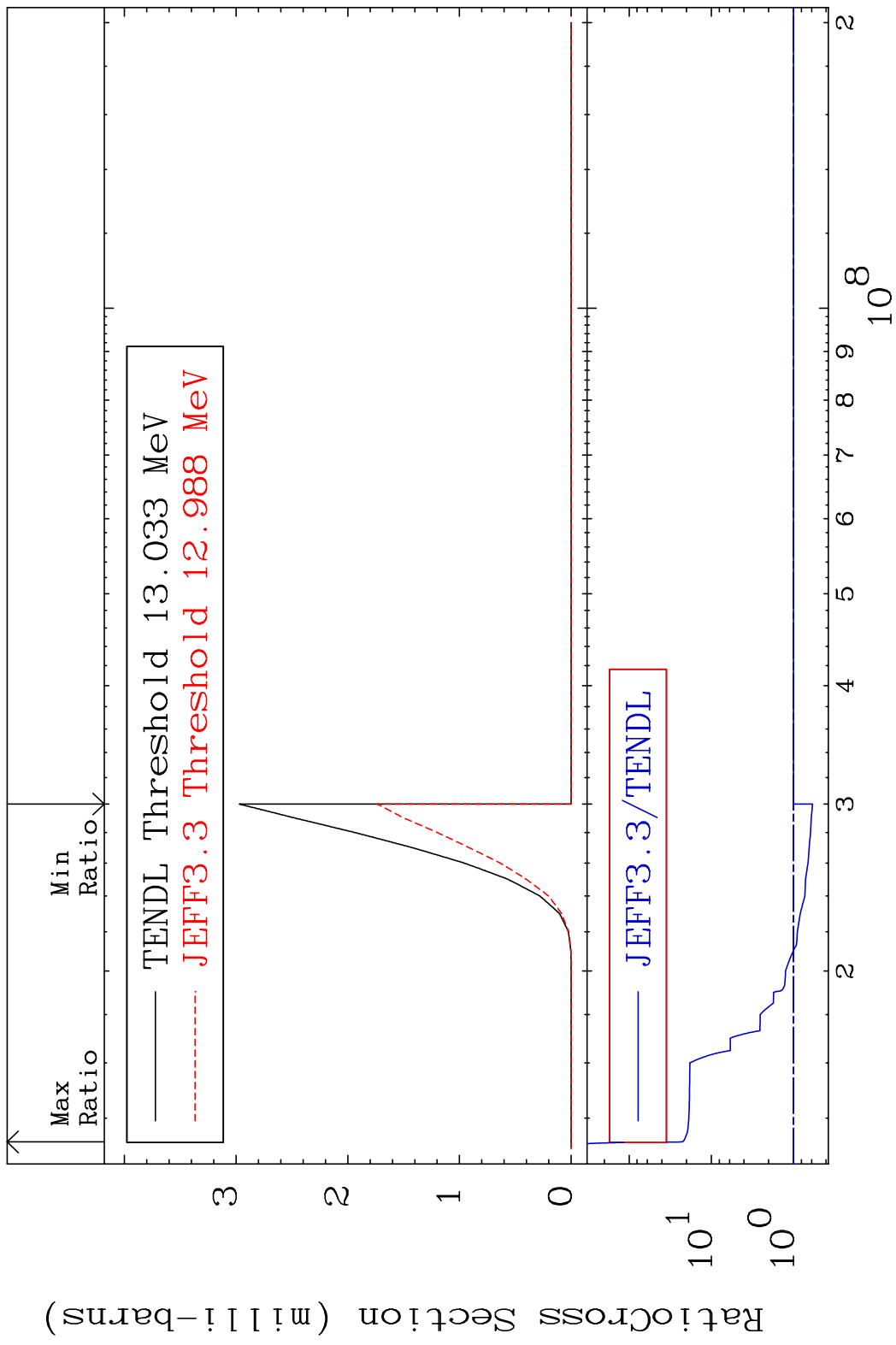
MAT 7652 (n, 3n): 76-0s-191m1 76-0s-193
 Radionuclide Production Cross Section 100.0% 107.6 %

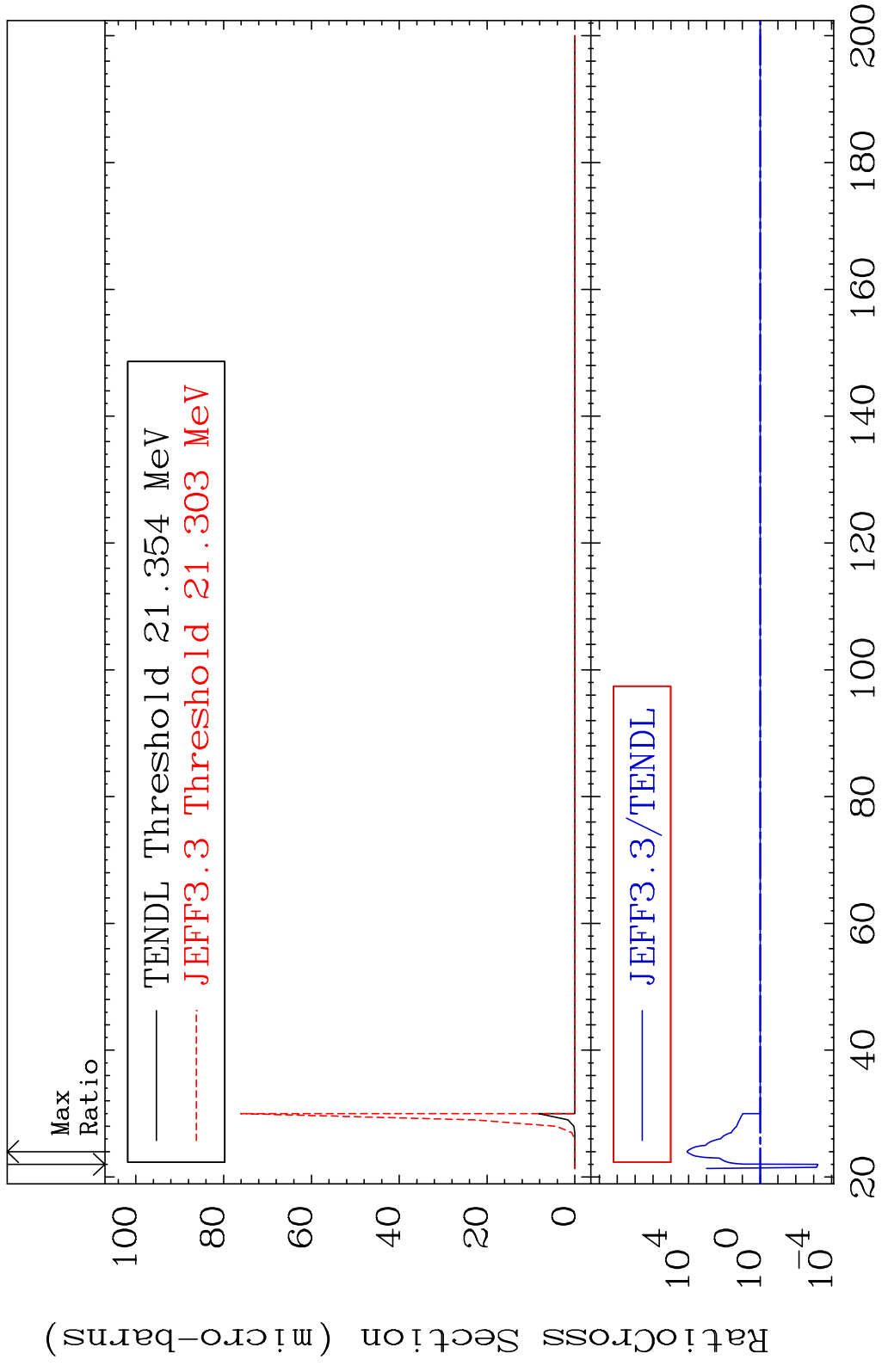


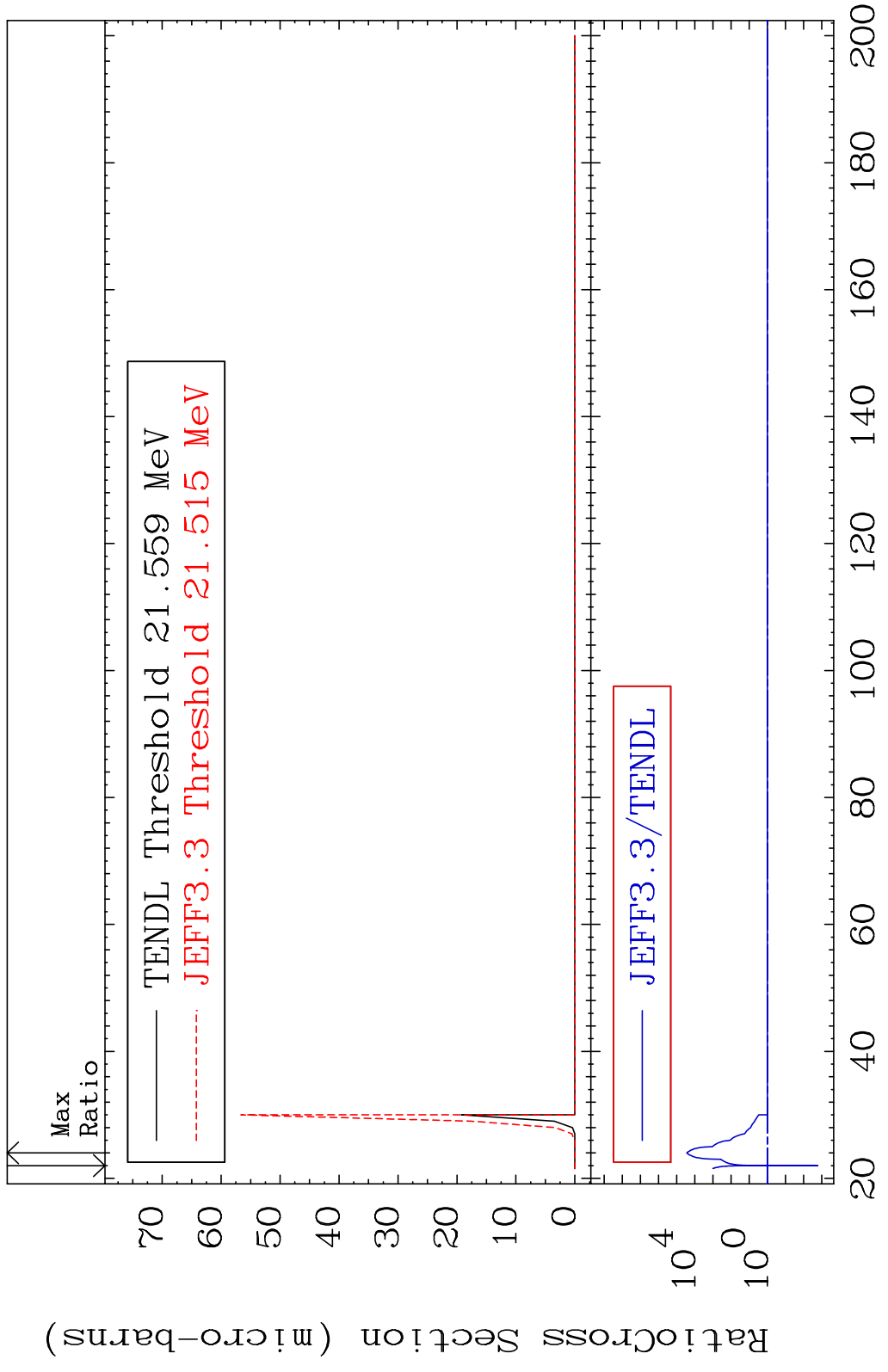


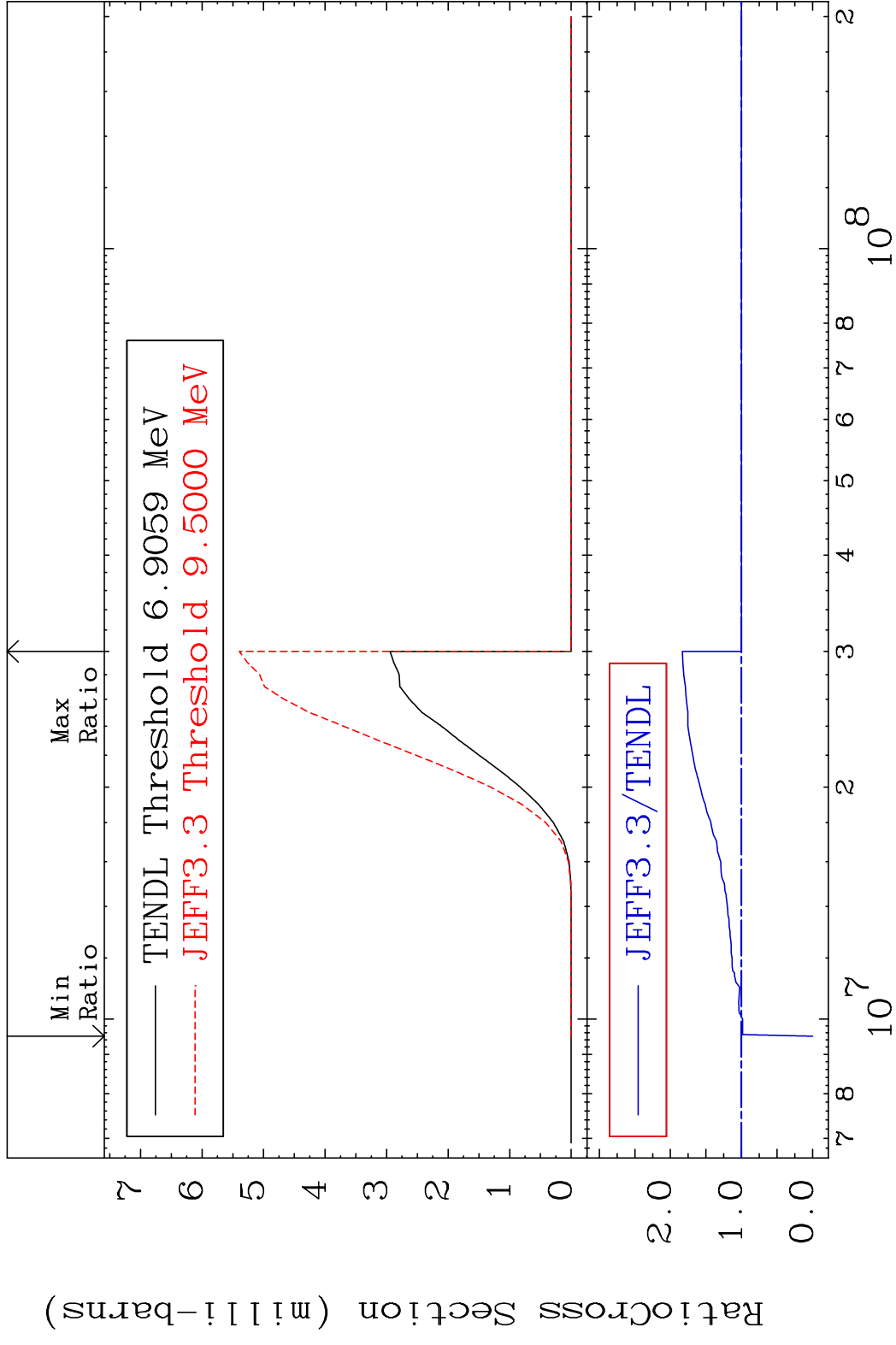












MAT 7652 (n, d): 75-Re-192m2 76-0s-193
 Radionuclide Production Cross Section Ratio 0.512 %

