

Program Complot
(Version 2021-1)

by

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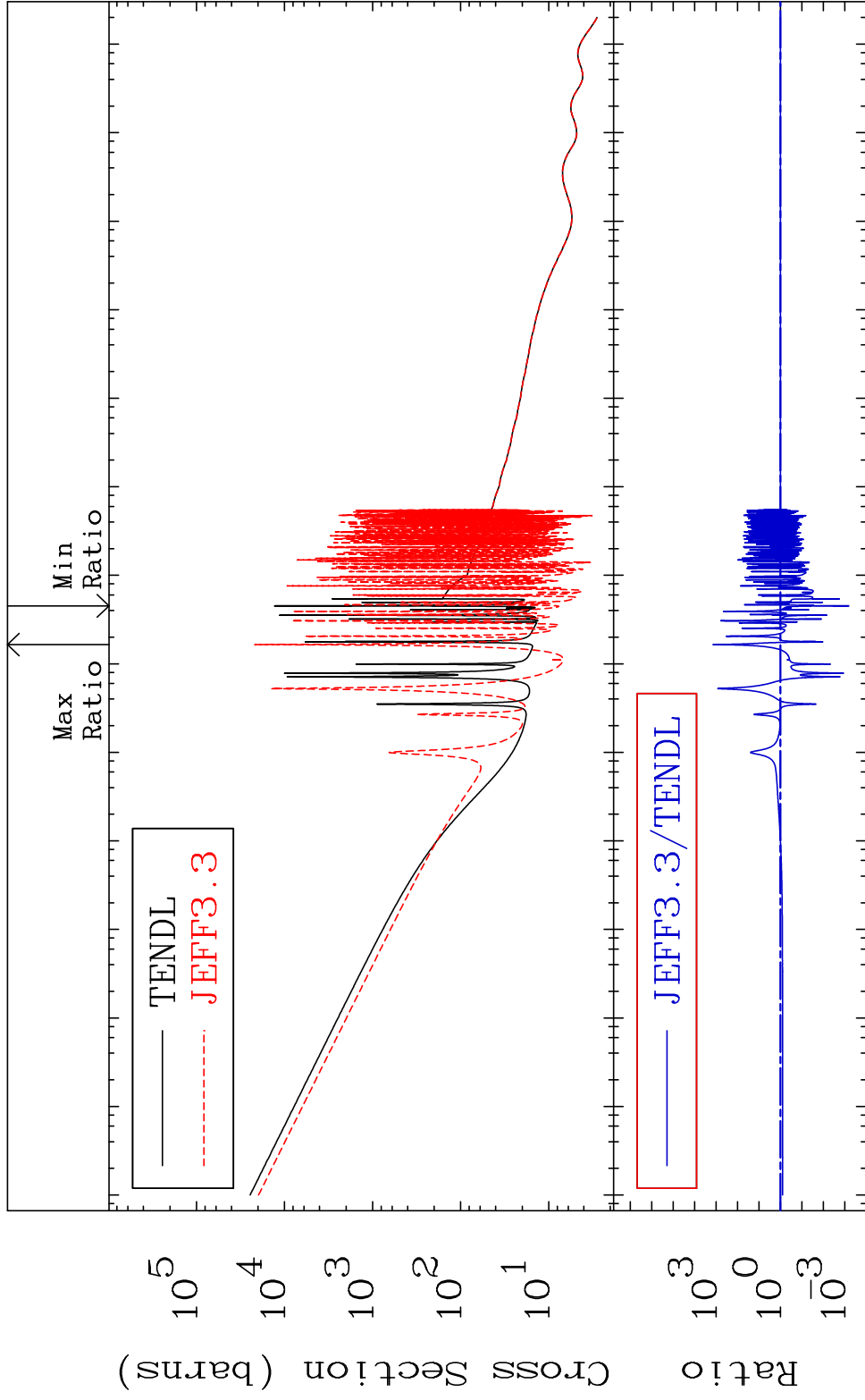
Press Mouse Button to Start

MAT 7646

Total

76-0s-191

Cross Section -99.94 To 9999. %



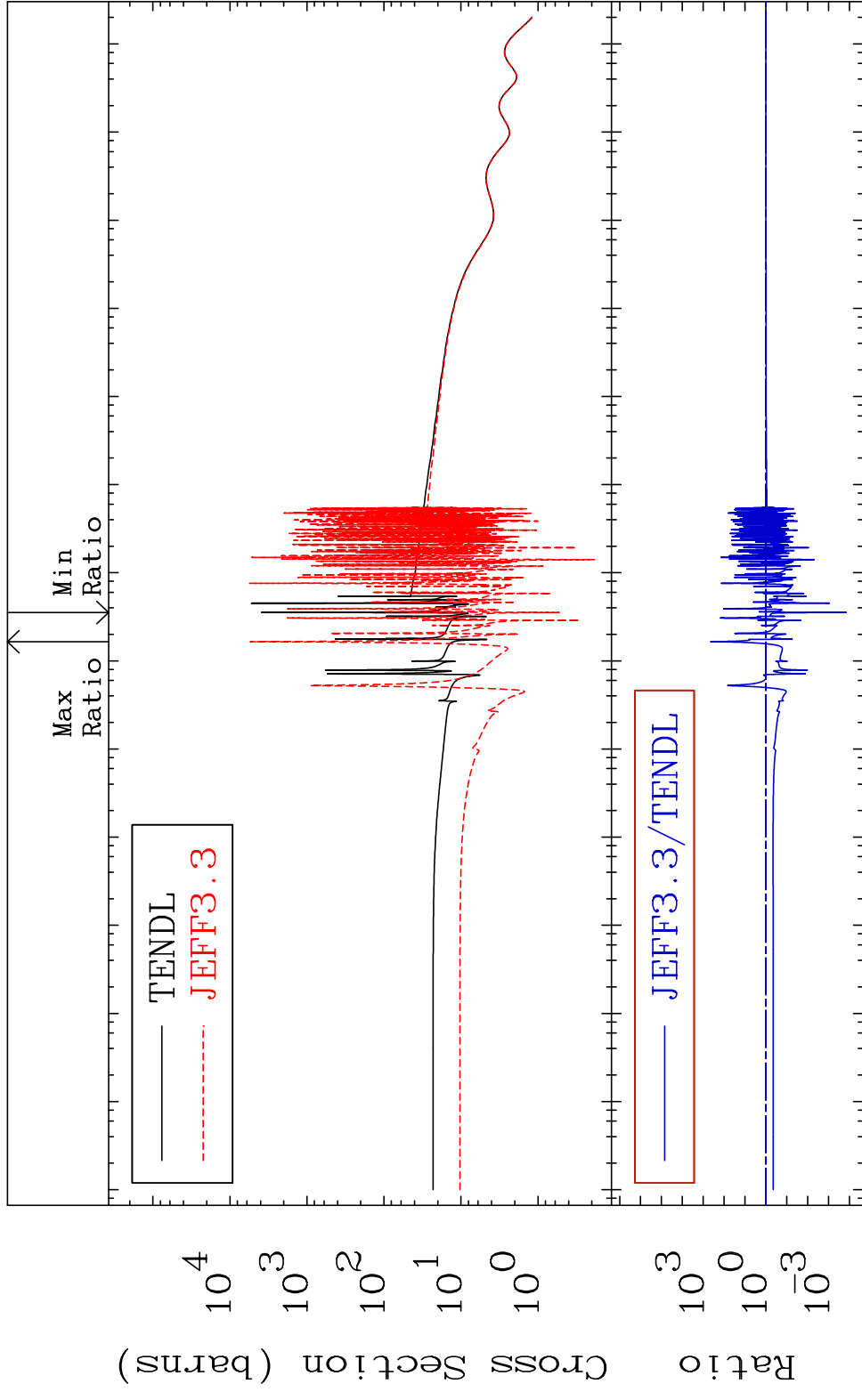
1

Incident Energy (eV)

76-0s-191

MAT 7646

Elastic Cross Section -99.99 To 9999. %
76-0s-191



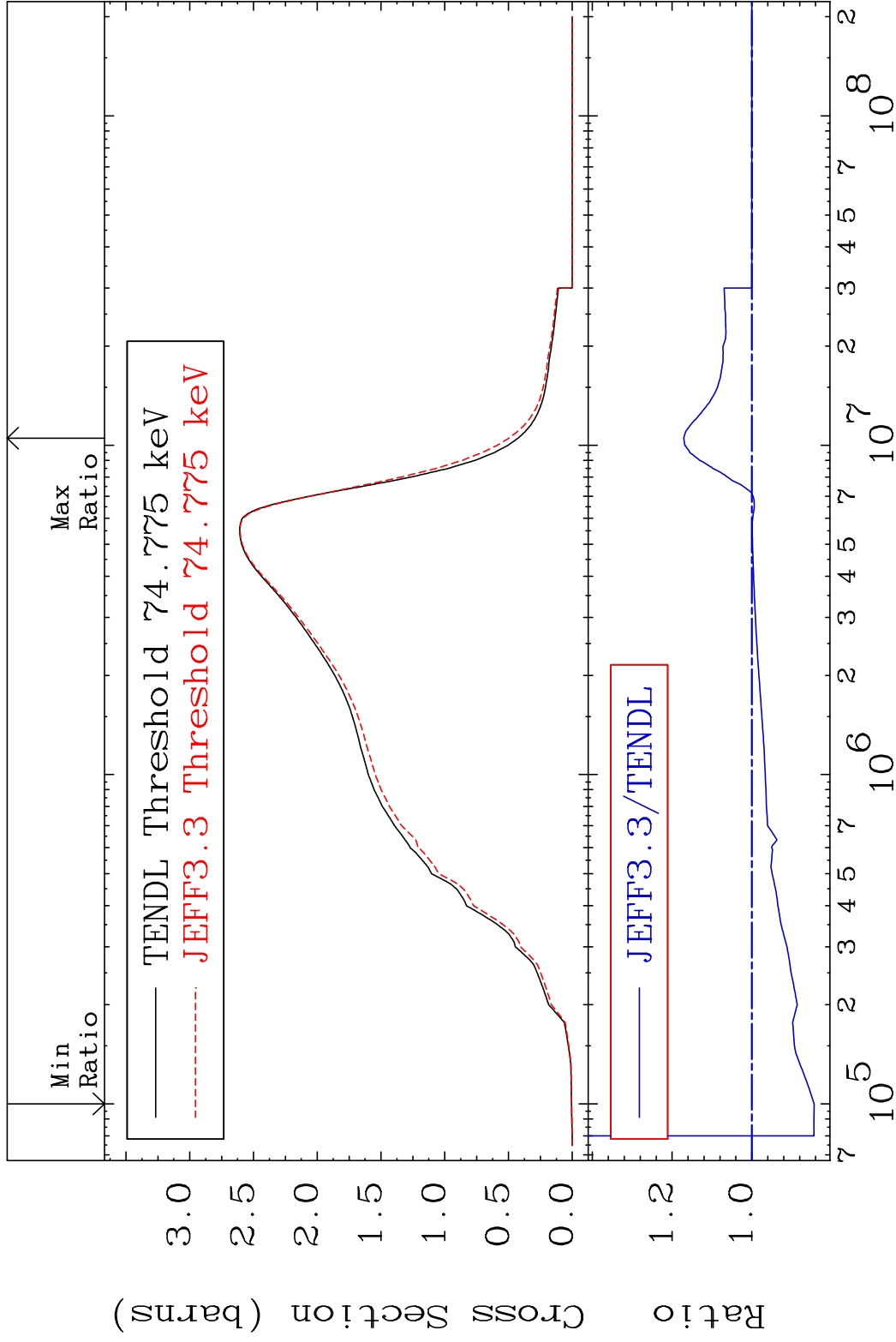
2 Incident Energy (eV) 76-0s-191

MAT 7646

Inelastic

76-Os-191

Cross Section -15.63 To 17.10 %



3

Incident Energy (eV)

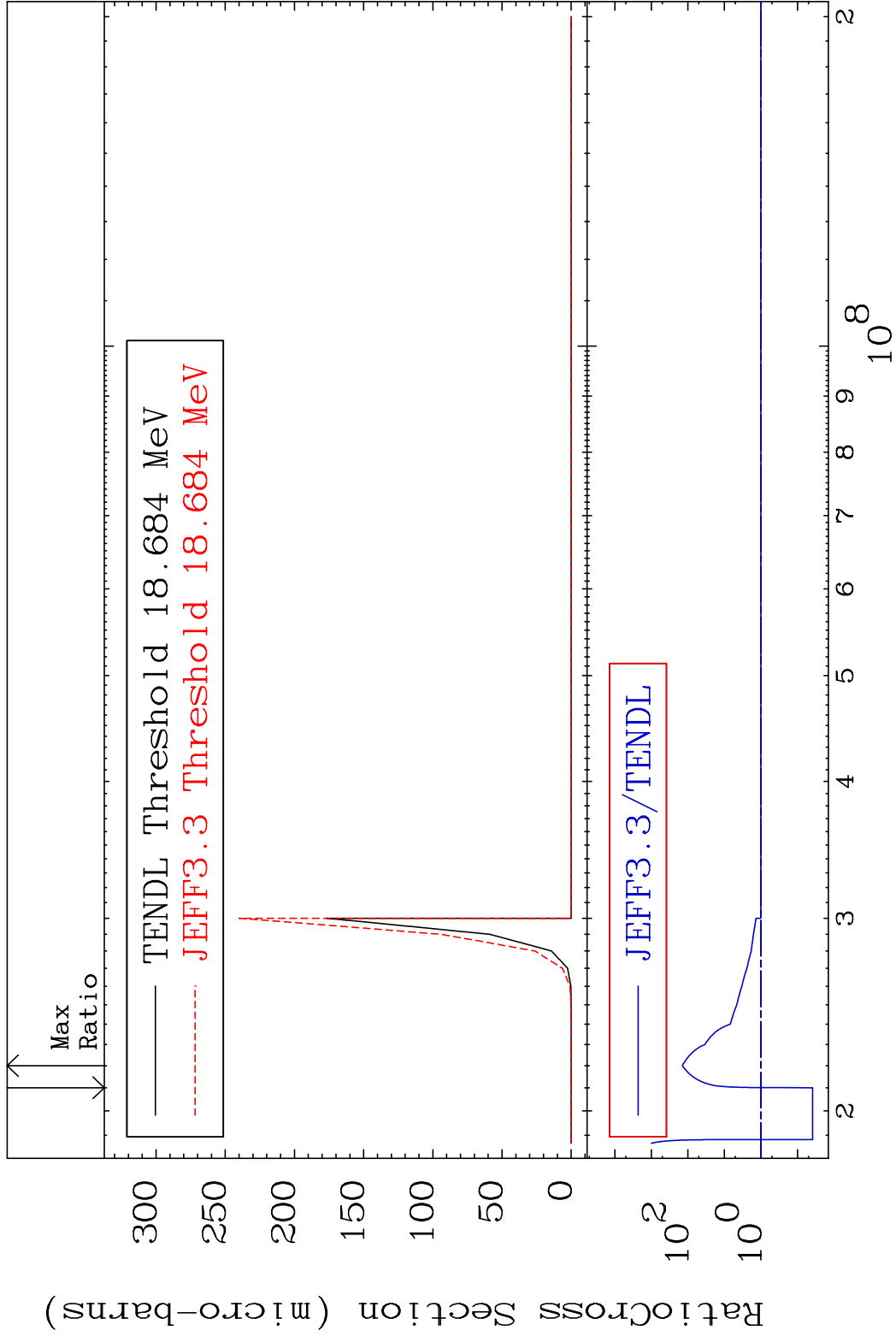
76-Os-191

MAT 7646

(n,2n) d

76-0s-191

Cross Section -96.14 To 9999. %

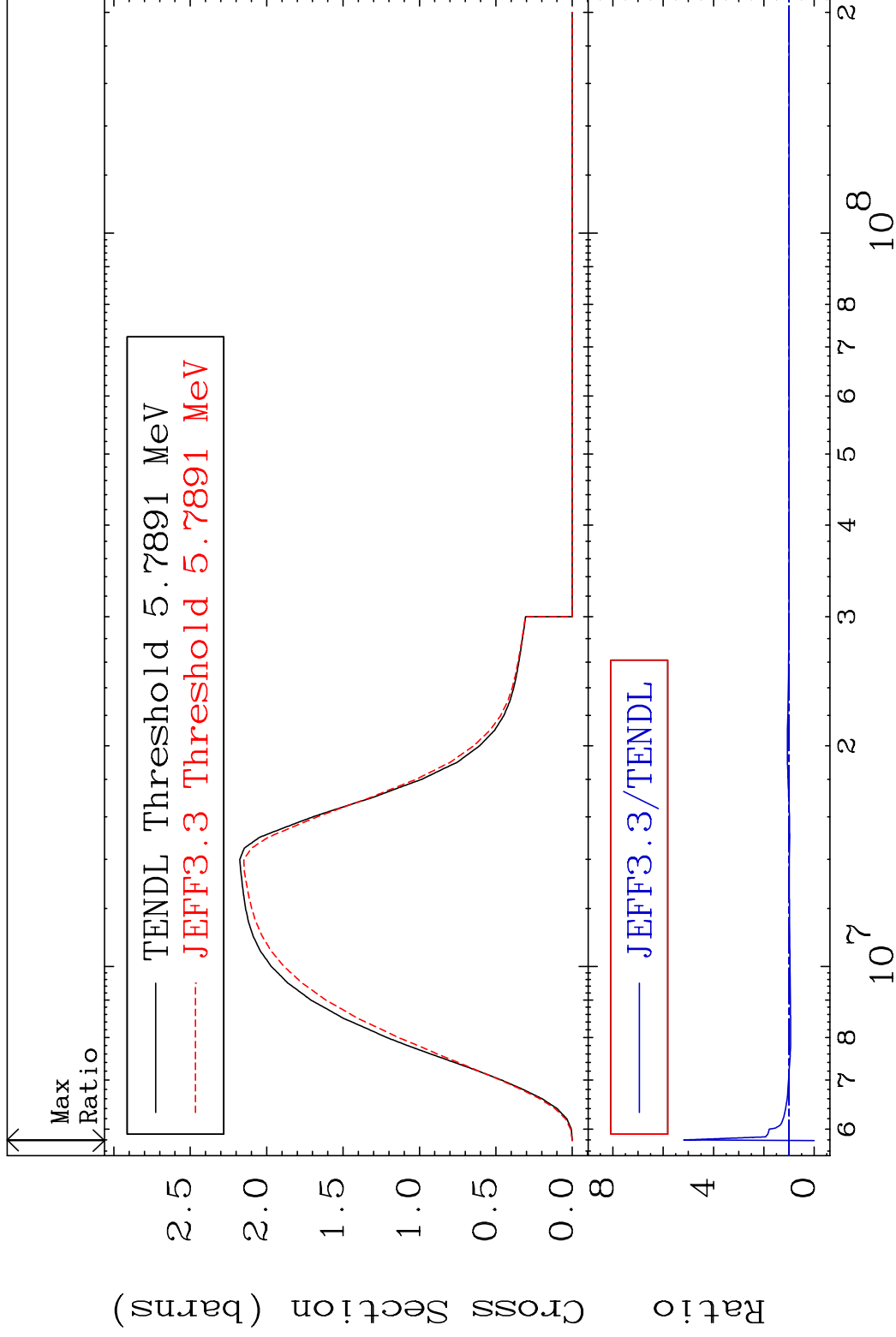


MAT 7646

(n,2n)

76-Os-191

Cross Section -100.0 To 418.8 %



5

Incident Energy (eV)

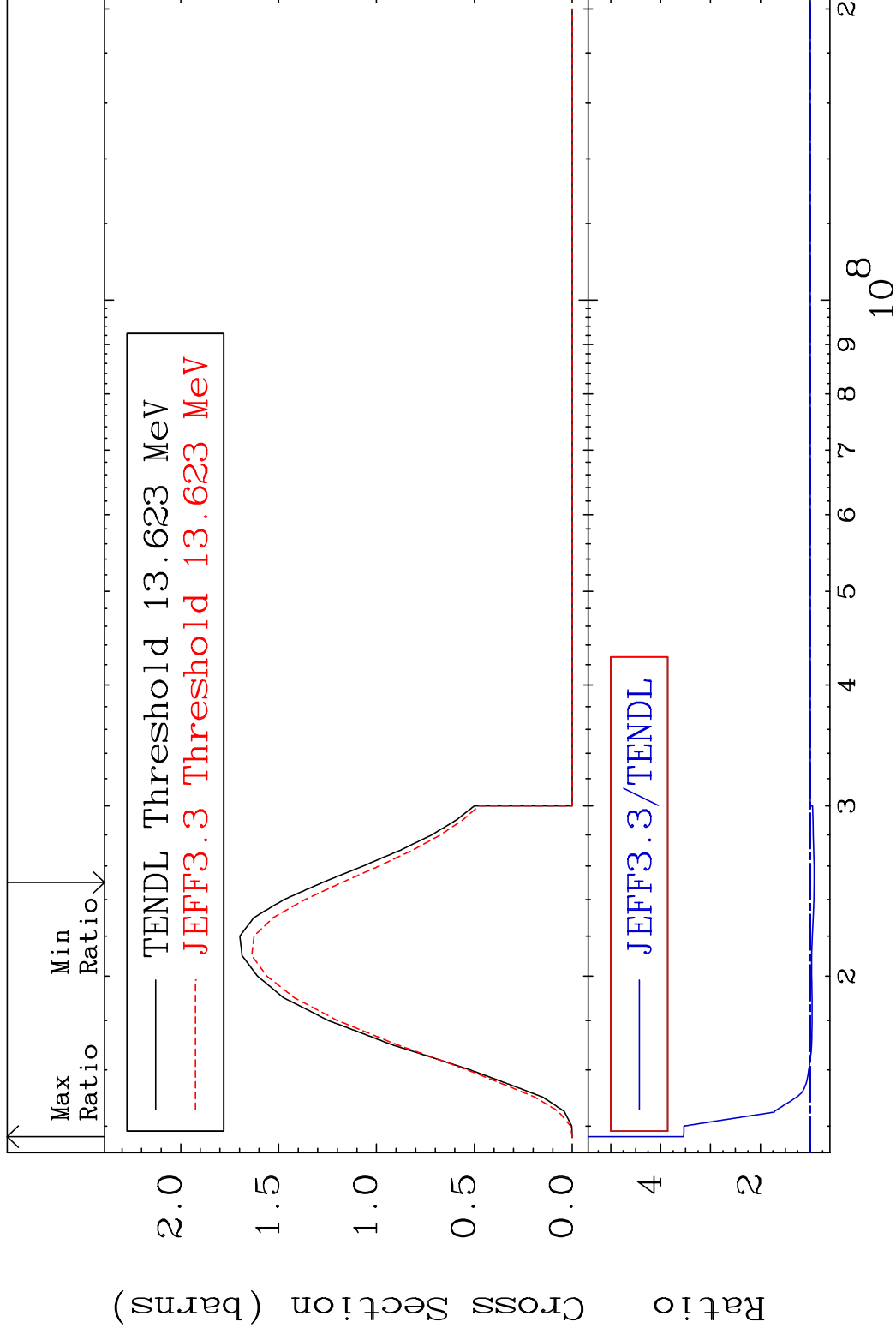
76-Os-191

MAT 7646

(n,3n)

76-0s-191

Cross Section -7.770 To 253.8 %



6

Incident Energy (eV)

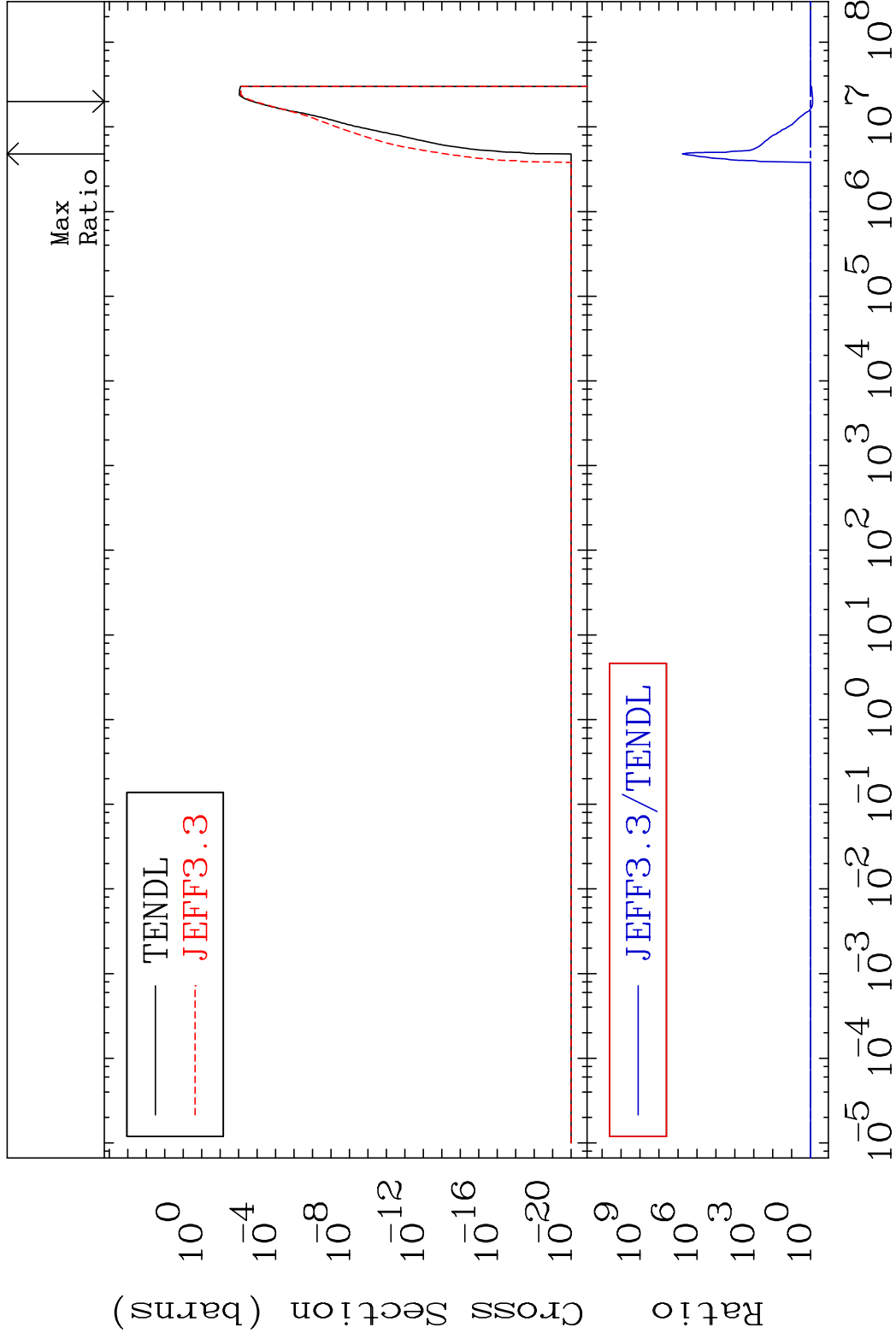
76-0s-191

MAT 7646

(n, n') α

76-0s-191

Cross Section -22.05 To 9999. %



7

Incident Energy (eV)

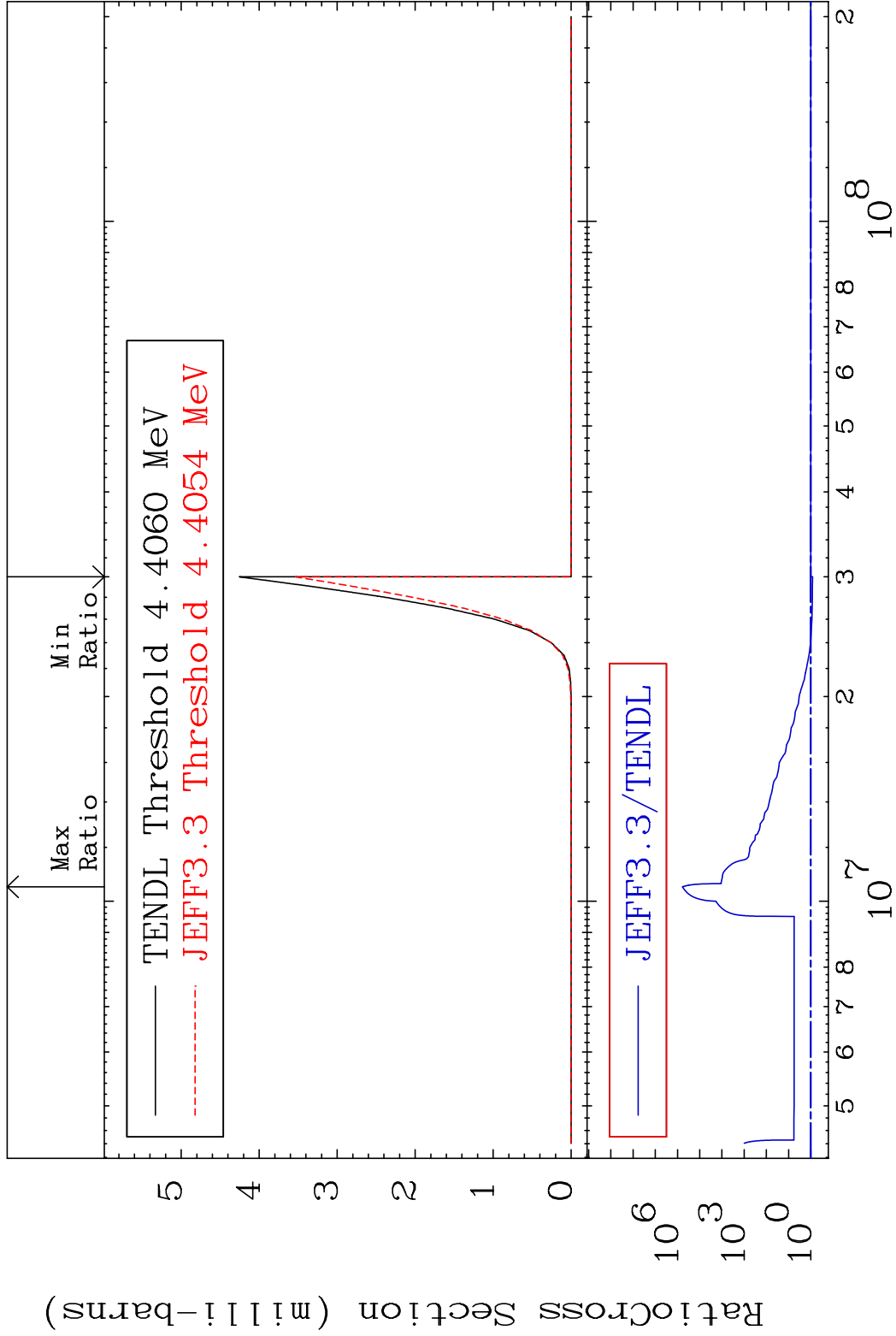
76-0s-191

MAT 7646

(n,2n) α

76-0s-191

Cross Section -16.96 To 9999. %

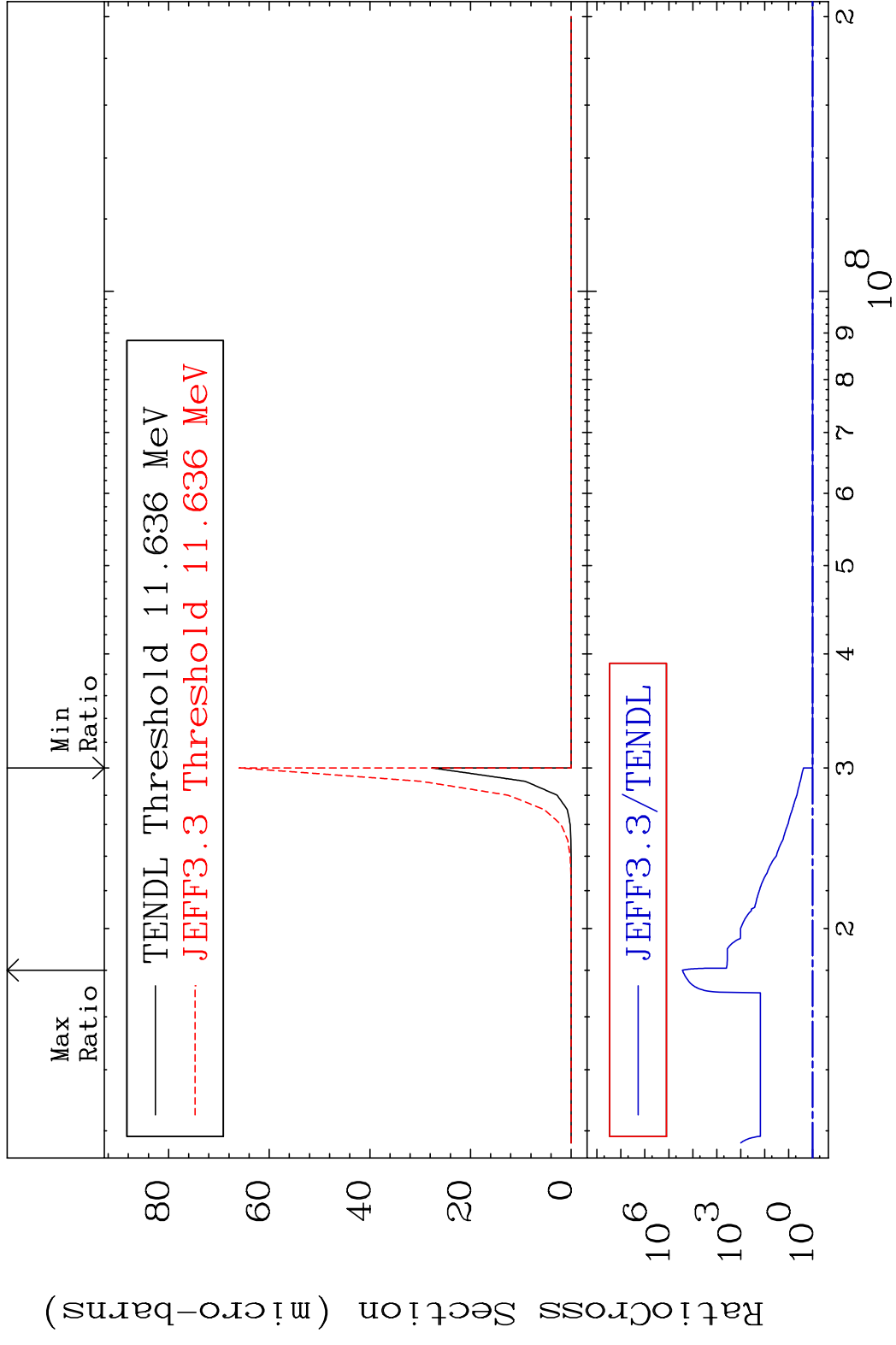


MAT 7646

(n,3n) α

76-0s-191

Cross Section 0.000 To 9999. %

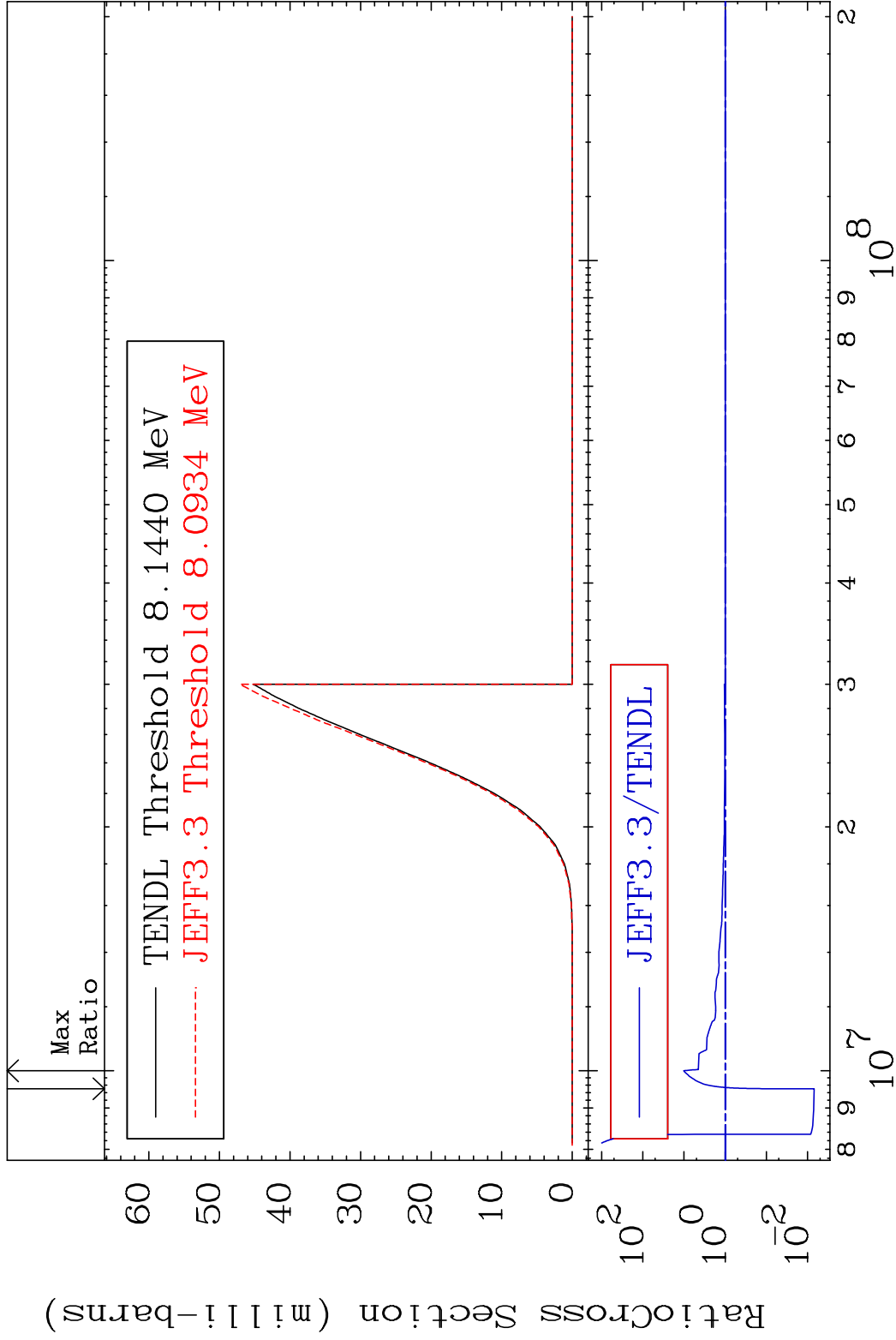


MAT 7646

(n, n') p

76-0s-191

Cross Section -99.31 To 920.3 %

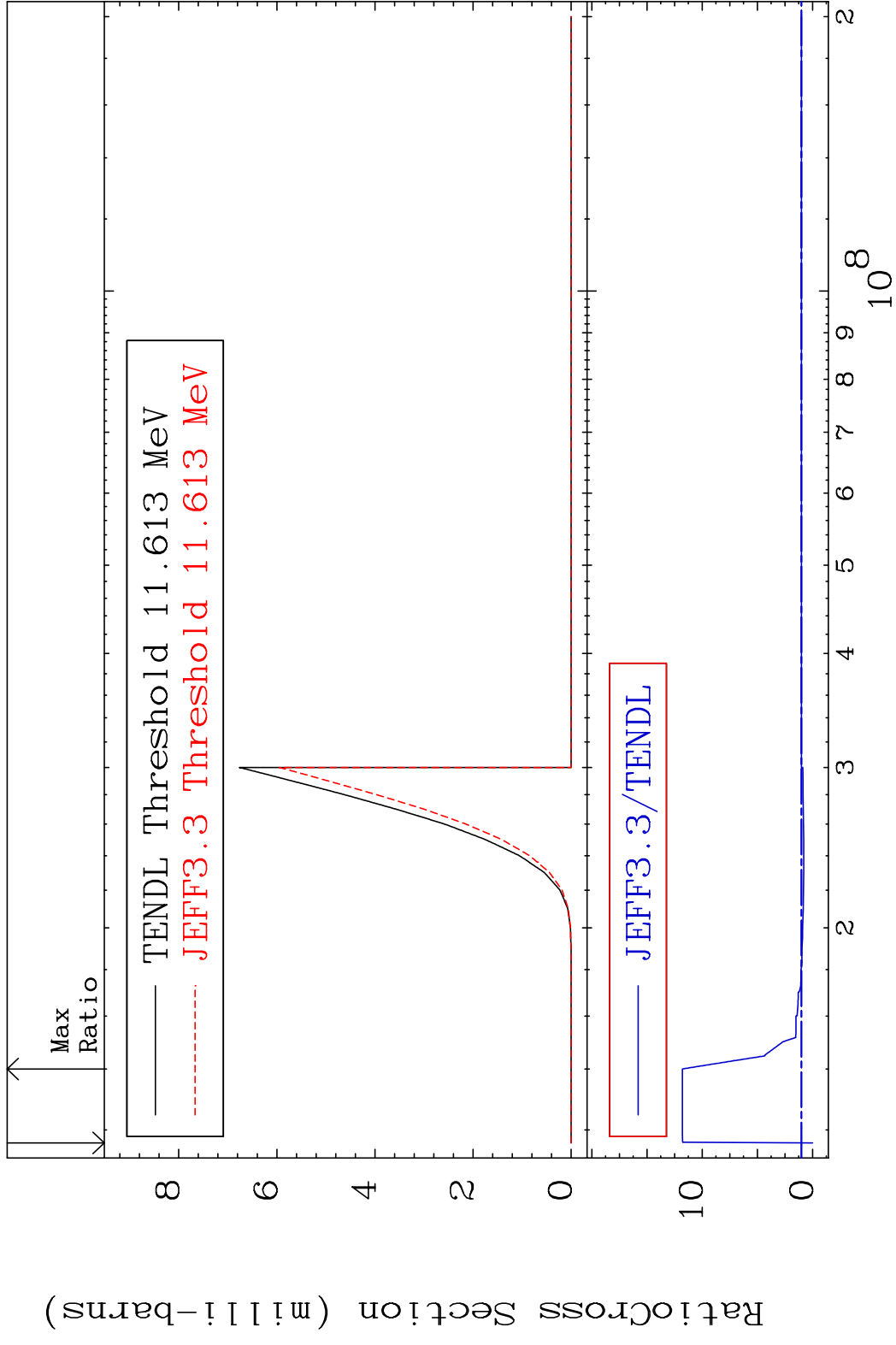


10

Incident Energy (eV)

76-0s-191

MAT 7646 (n, n') d 76-0s-191
 Cross Section -100.0 To 1079. %

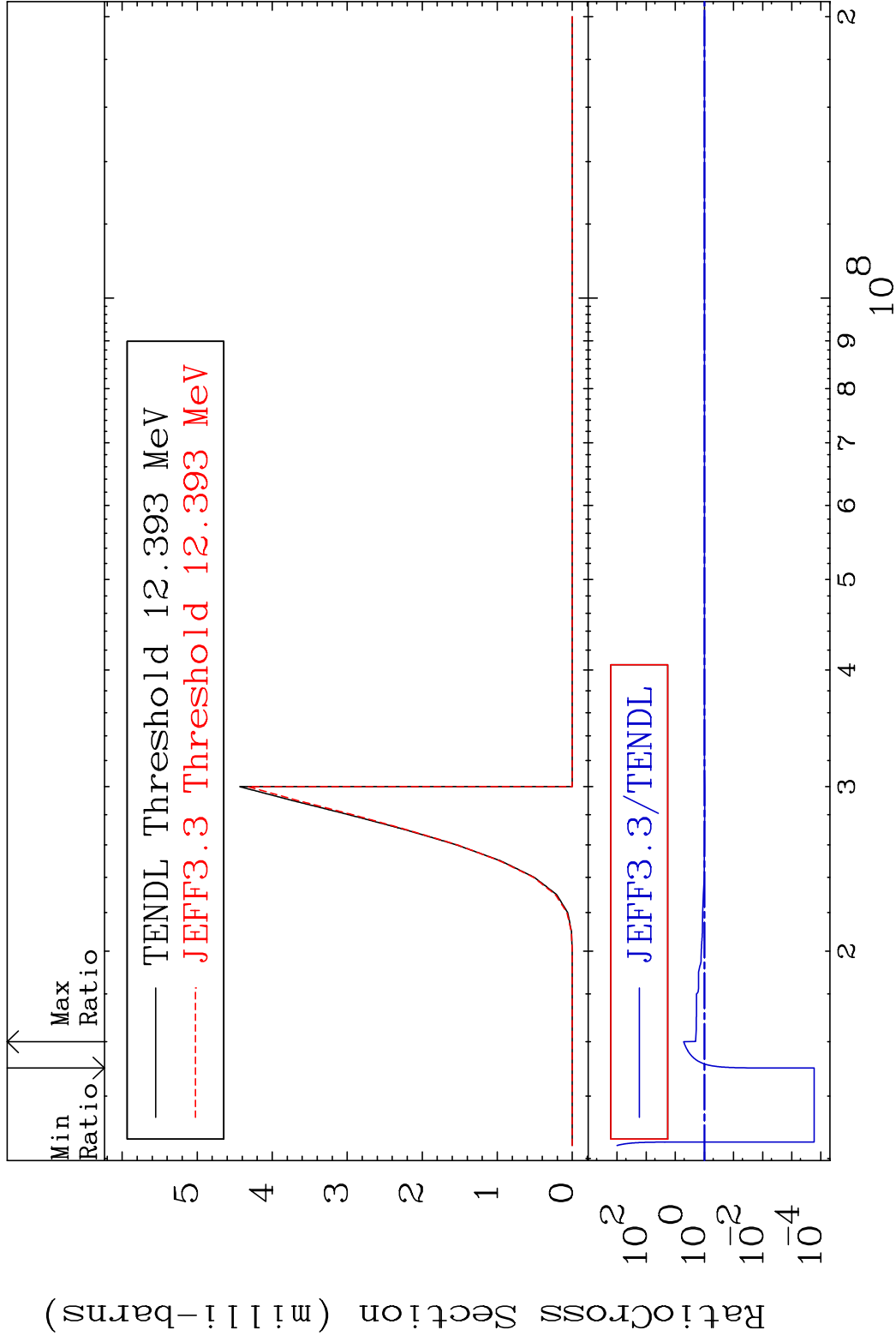


MAT 7646

(n, n') t

76-0s-191

Cross Section -99.98 To 417.1 %

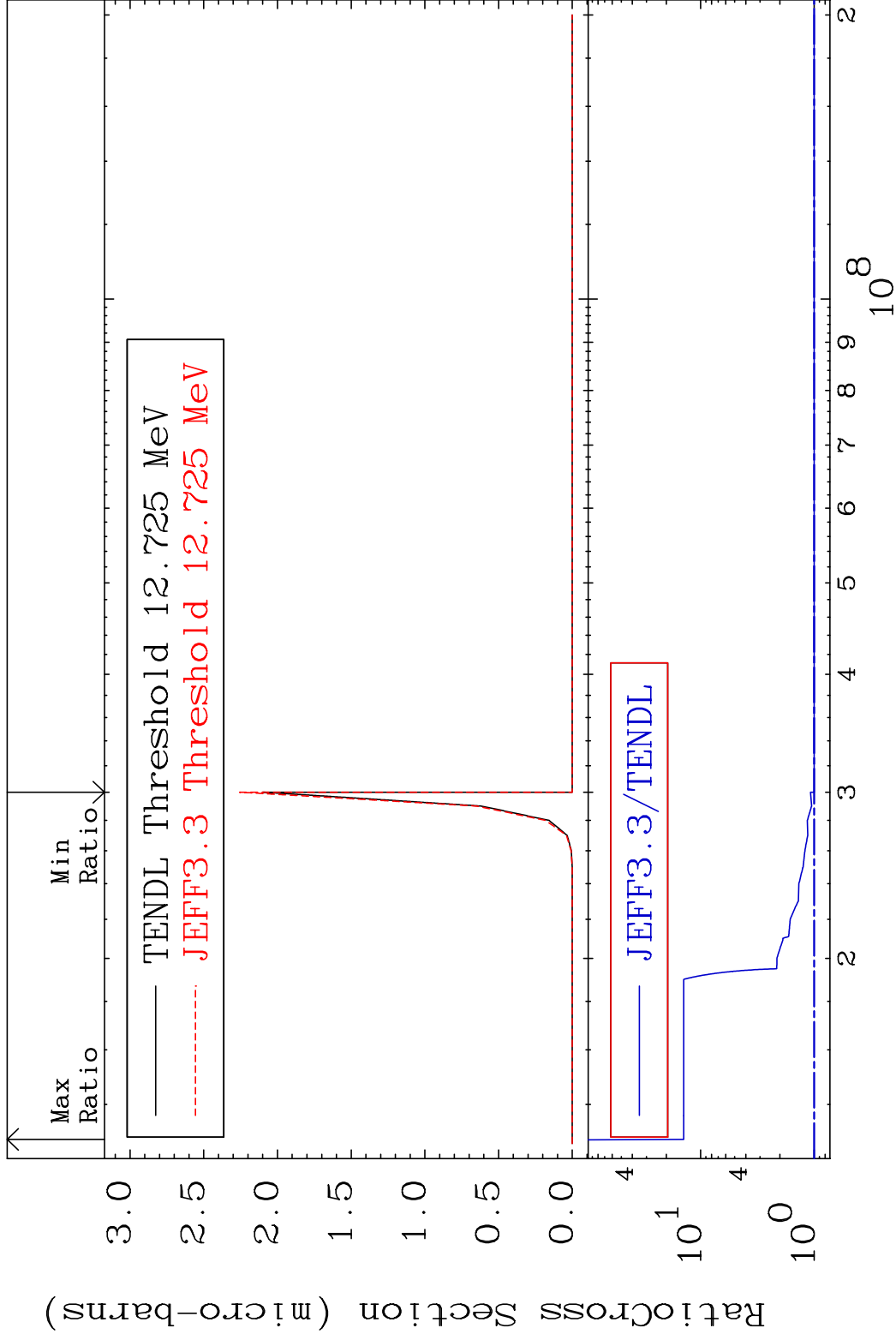


MAT 7646

(n,n') He-3

76-0s-191

Cross Section 0.000 To 1309. %

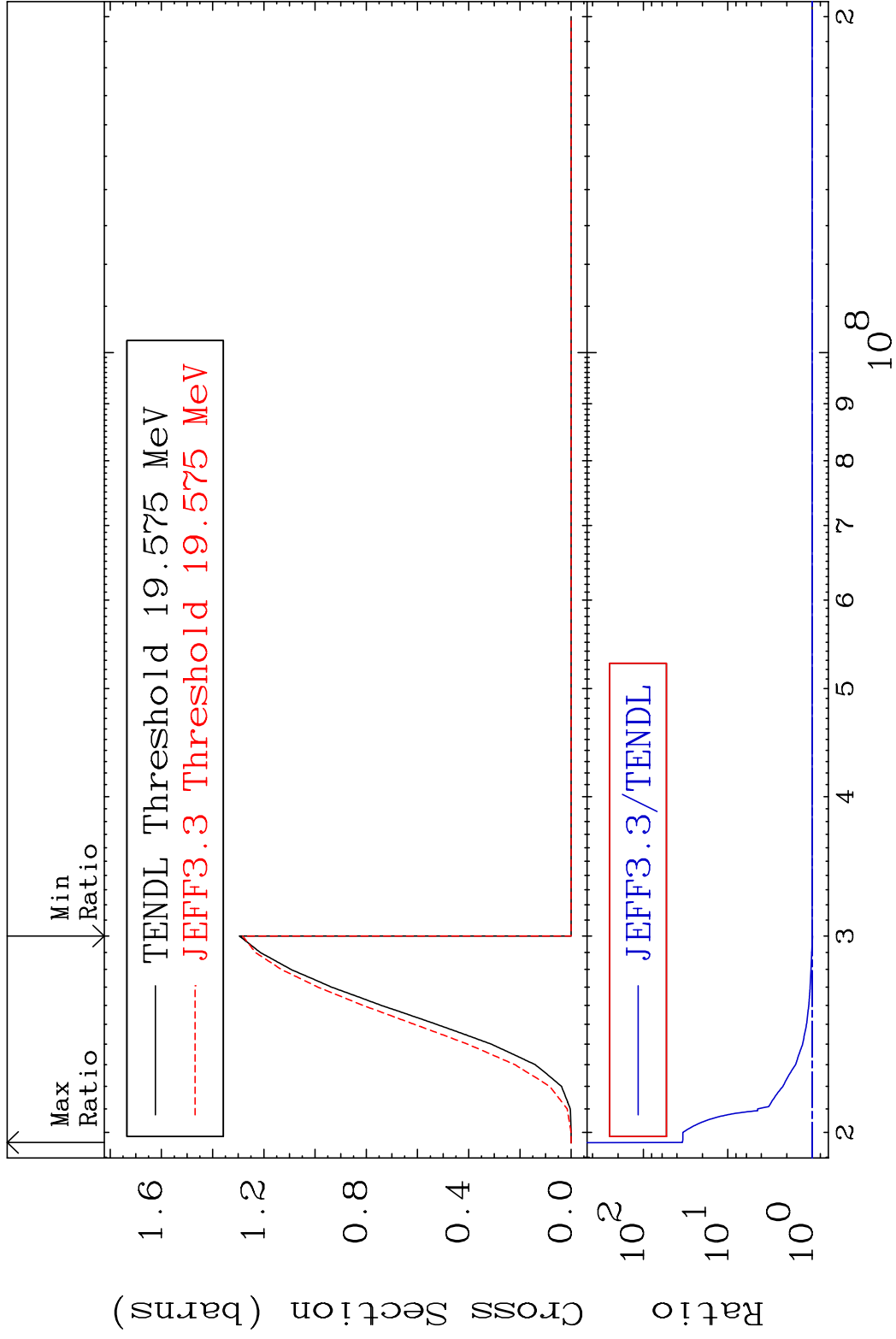


MAT 7646

(n,4n)

76-0s-191

Cross Section -1.002 To 3354. %

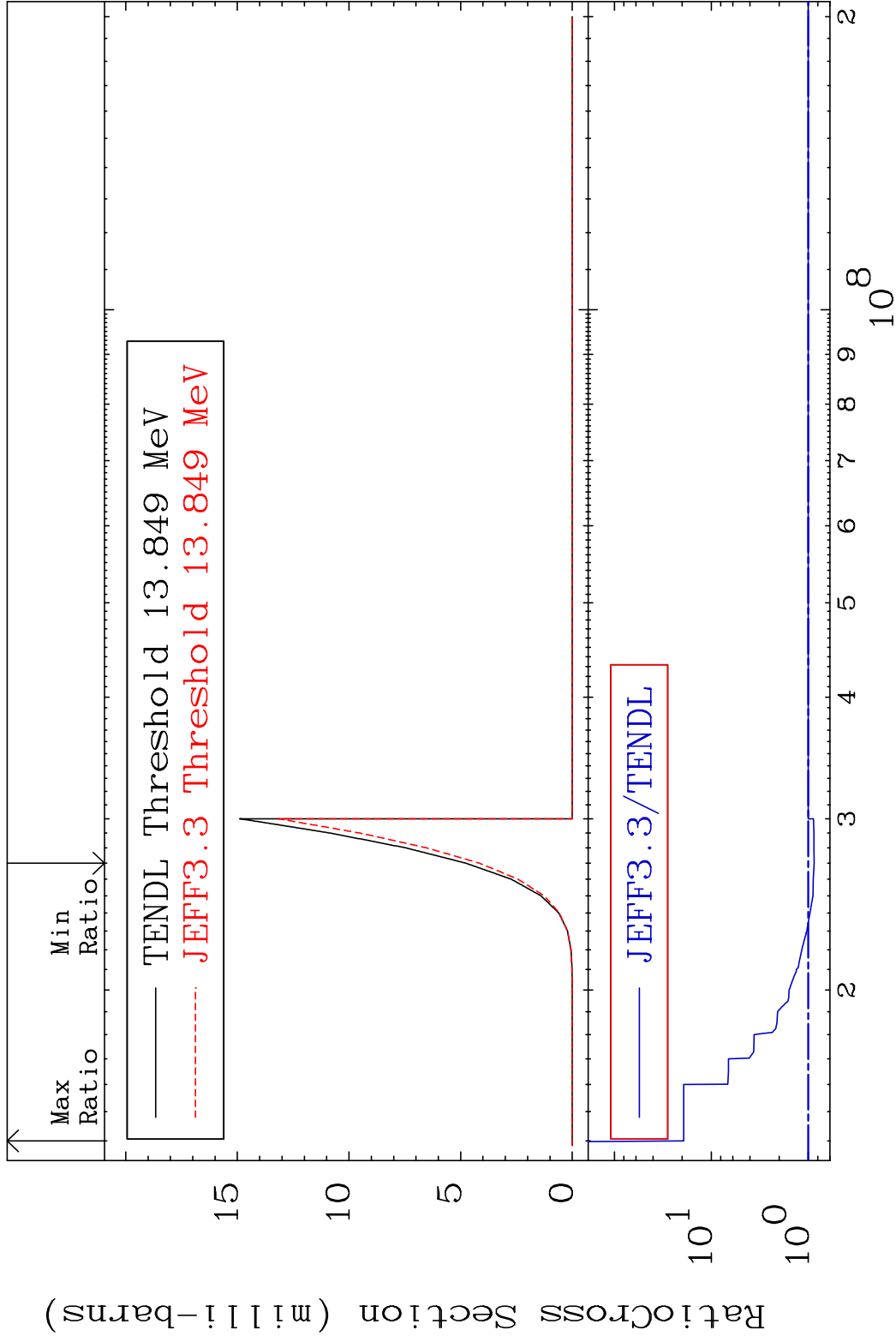


MAT 7646

(n,2n) p

76-0s-191

Cross Section -12.85 To 1830. %

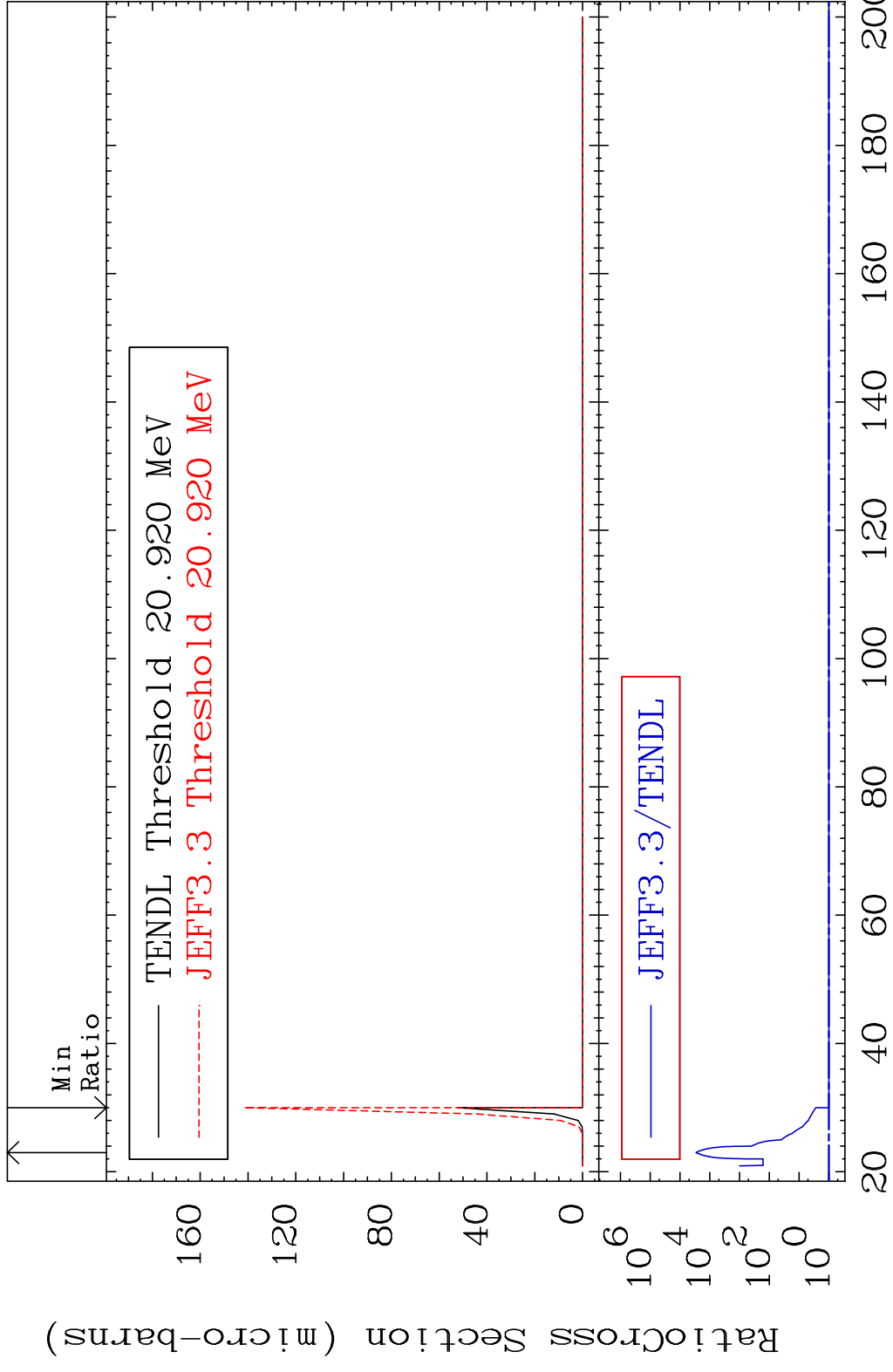


15

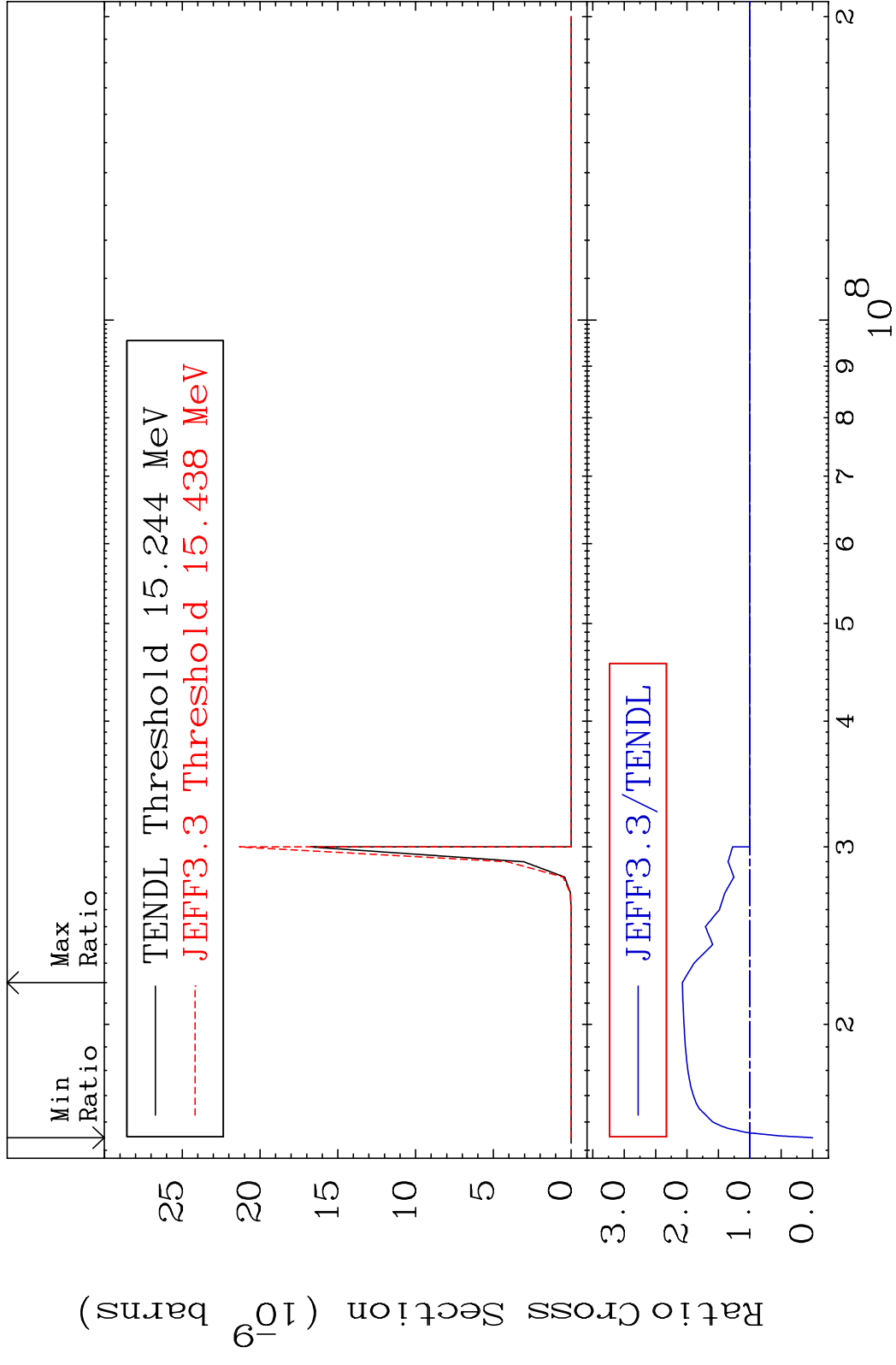
Incident Energy (eV)

76-0s-191

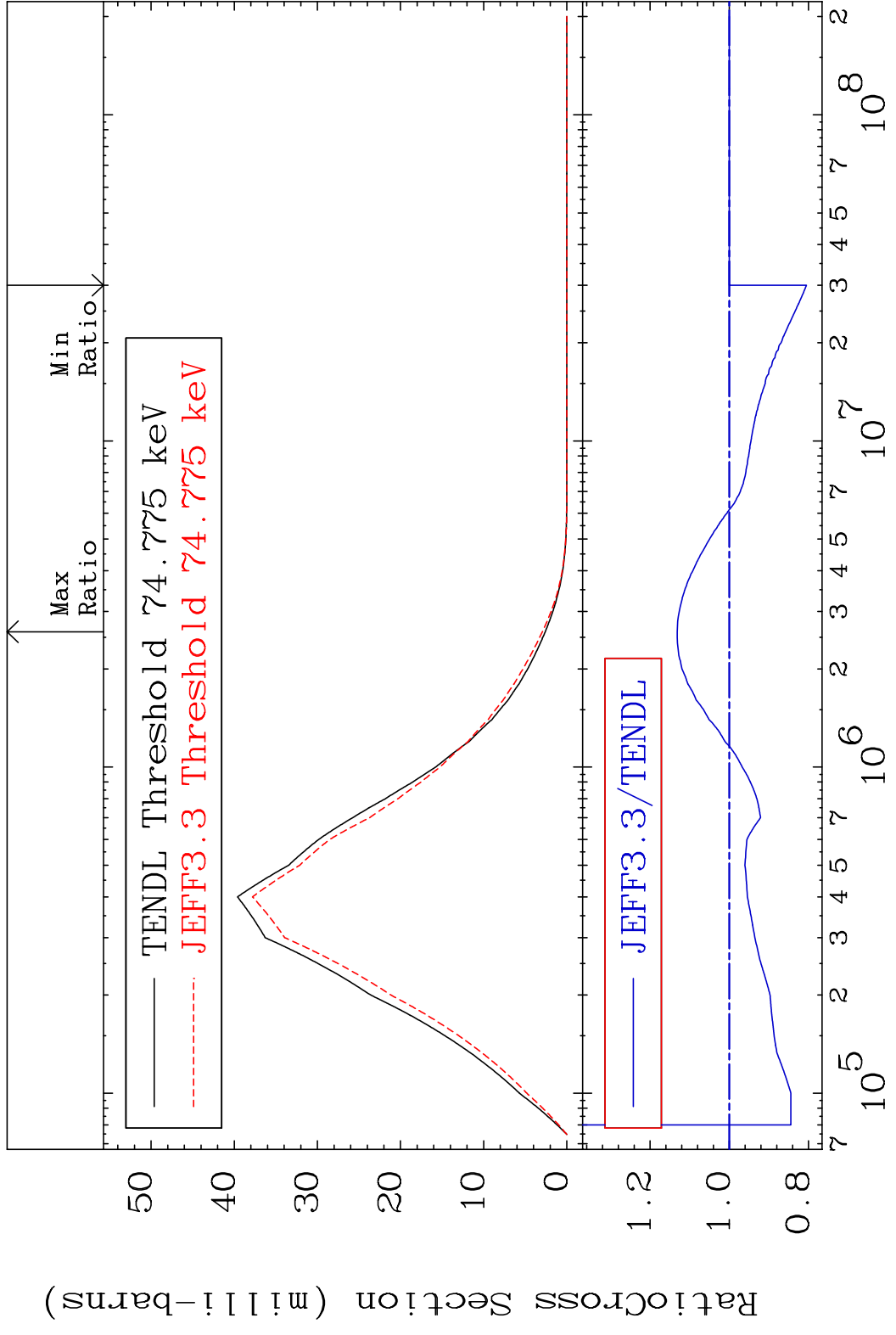
MAT 7646 (n,3n) p 76-0s-191
 Cross Section 0.000 To 9999. %



MAT 7646 (n,2n) p 76-0s-191
 Cross Section -100.0 To 107.4 %

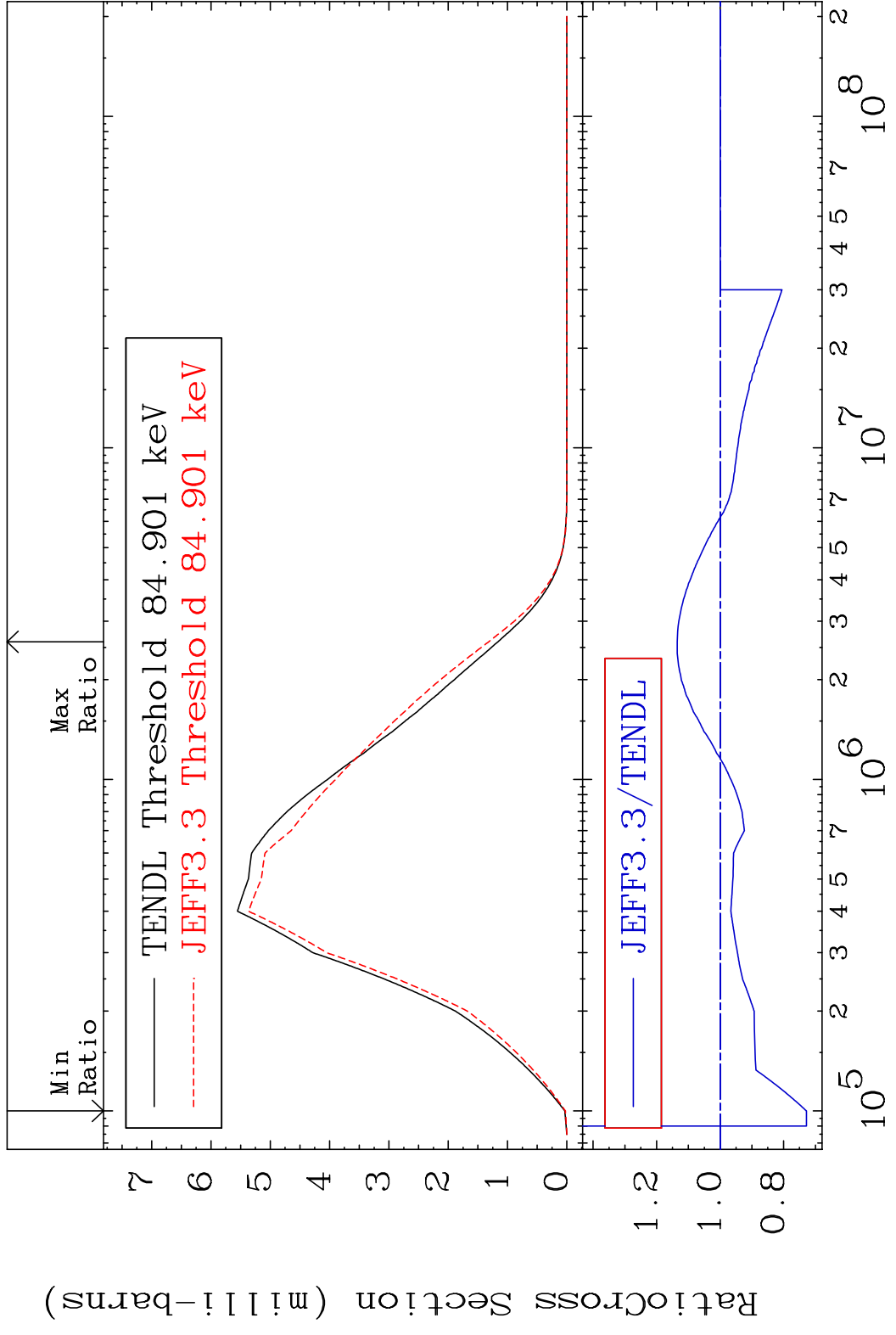


MAT 7646 MT= 51 (n, n') Level 76-0s-191
 Cross Section -19.46 To 13.15 %



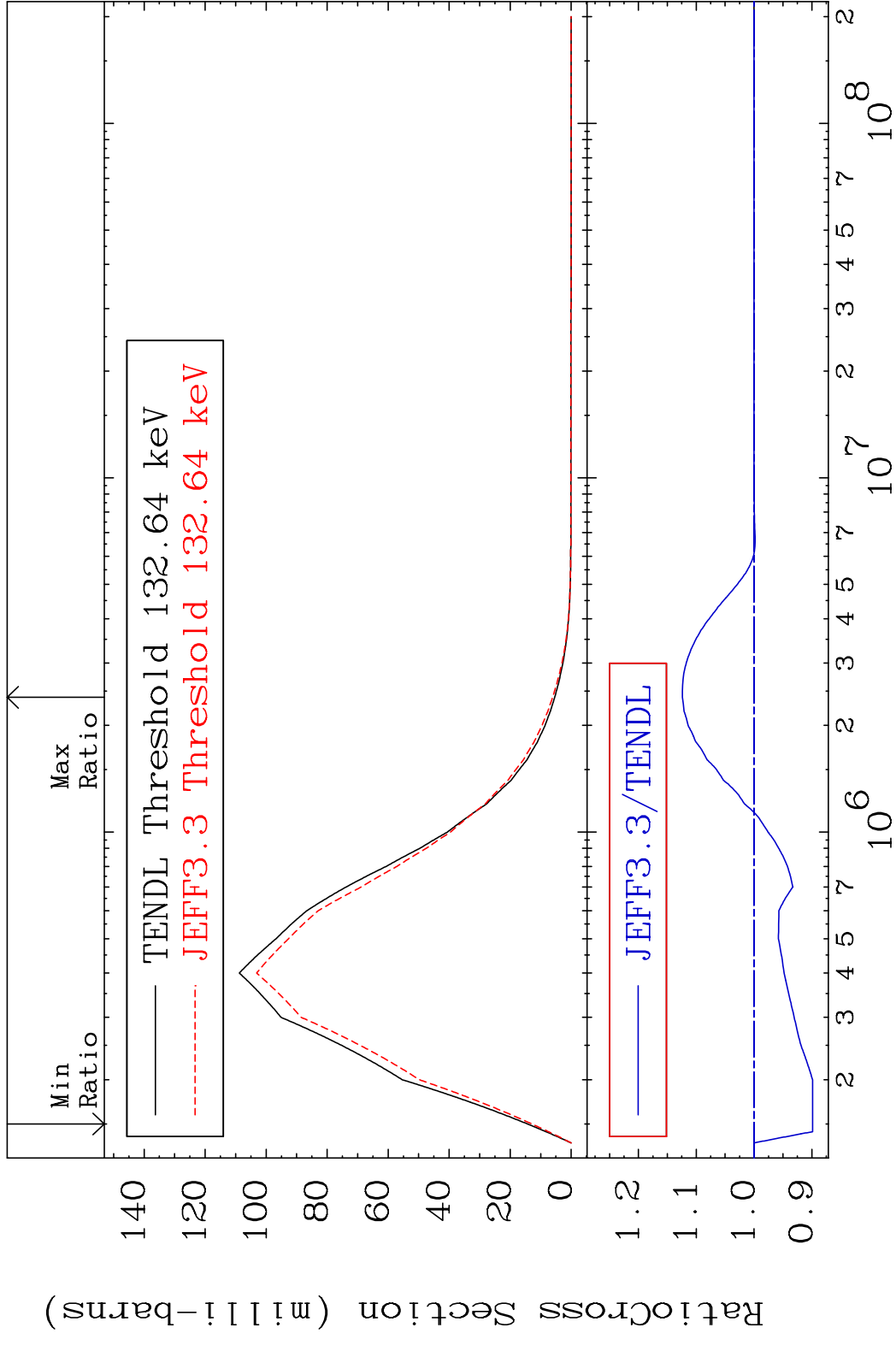
18 Incident Energy (eV) 76-0s-191

MAT 7646 MT= 52 (n,n') Level 76-0s-191
 Cross Section -27.16 To 13.53 %

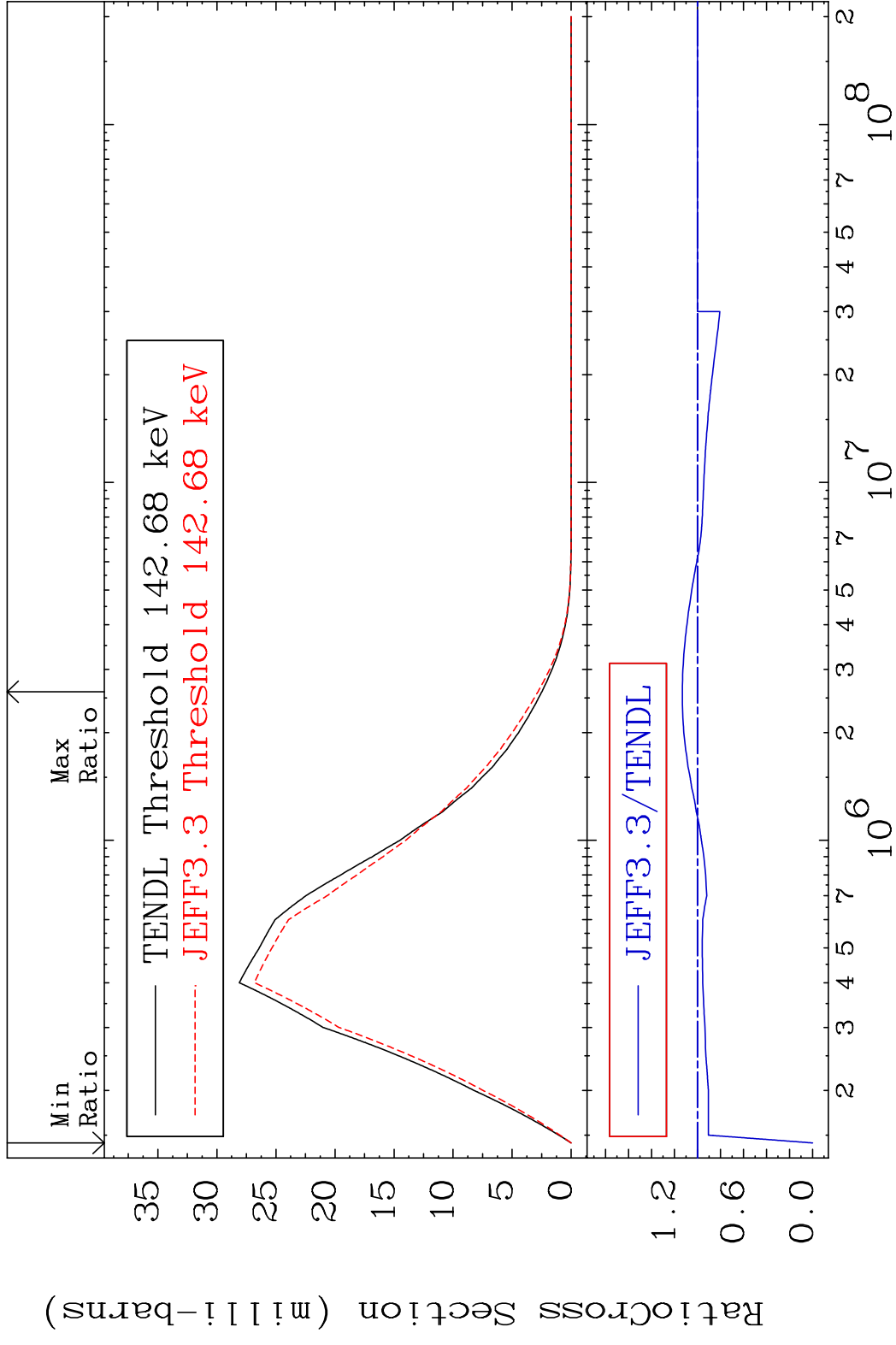


19 Incident Energy (eV) 76-0s-191

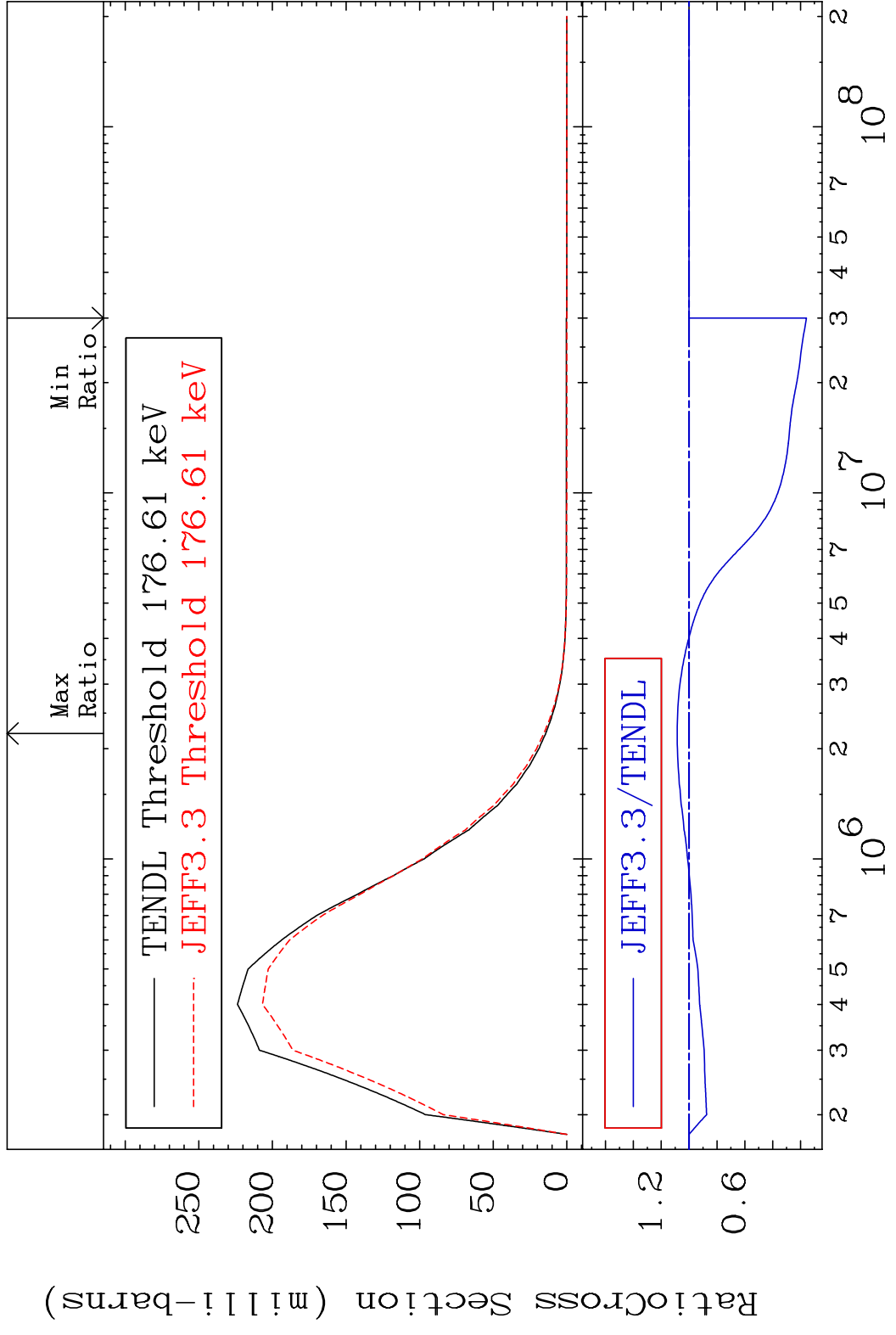
MAT 7646 MT= 53 (n, n') Level 76-0s-191
 Cross Section -10.13 To 12.40 %



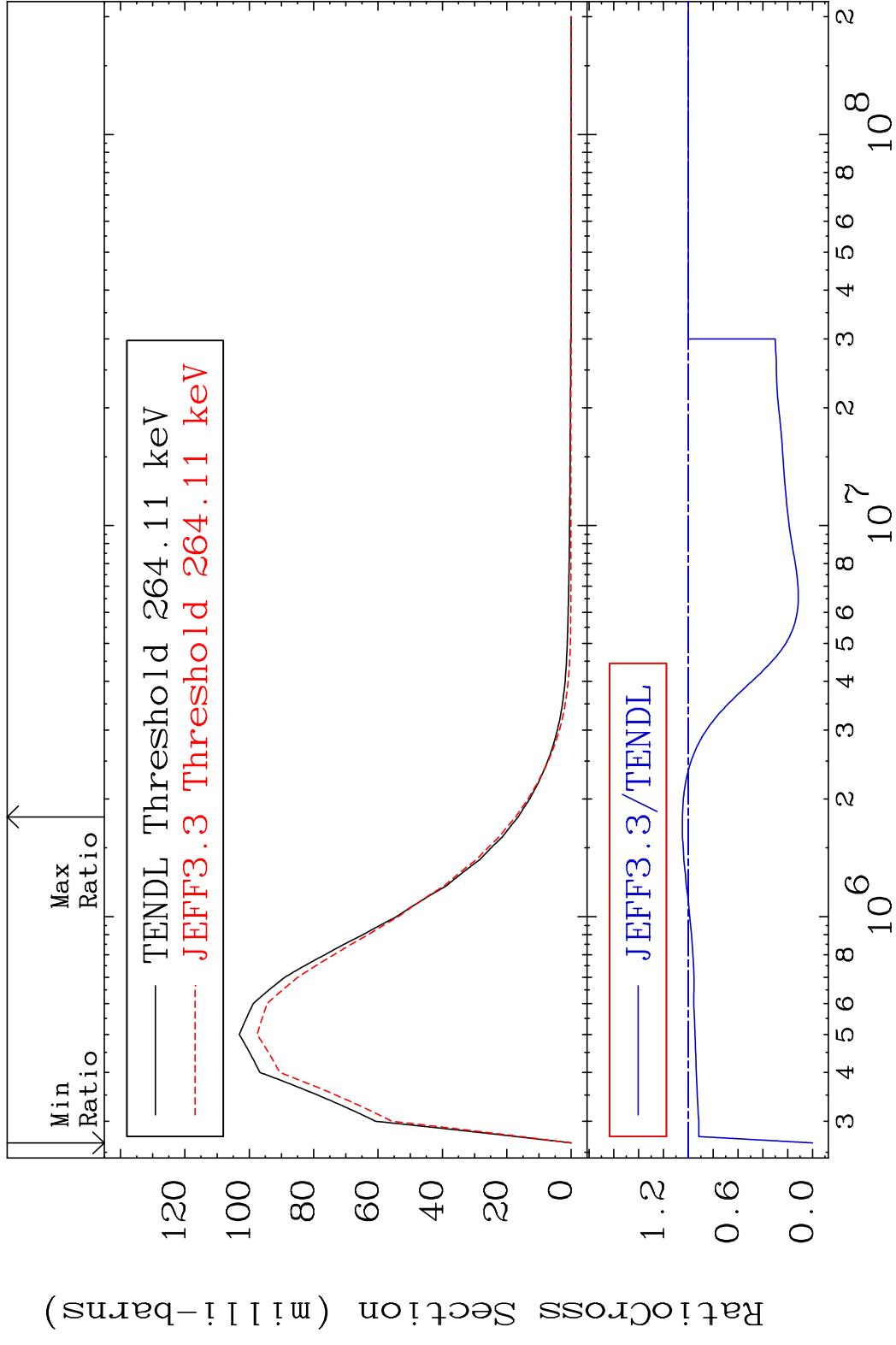
MAT 7646 MT= 54 (n, n') Level 76-0s-191
 Cross Section -100.0 To 13.18 %



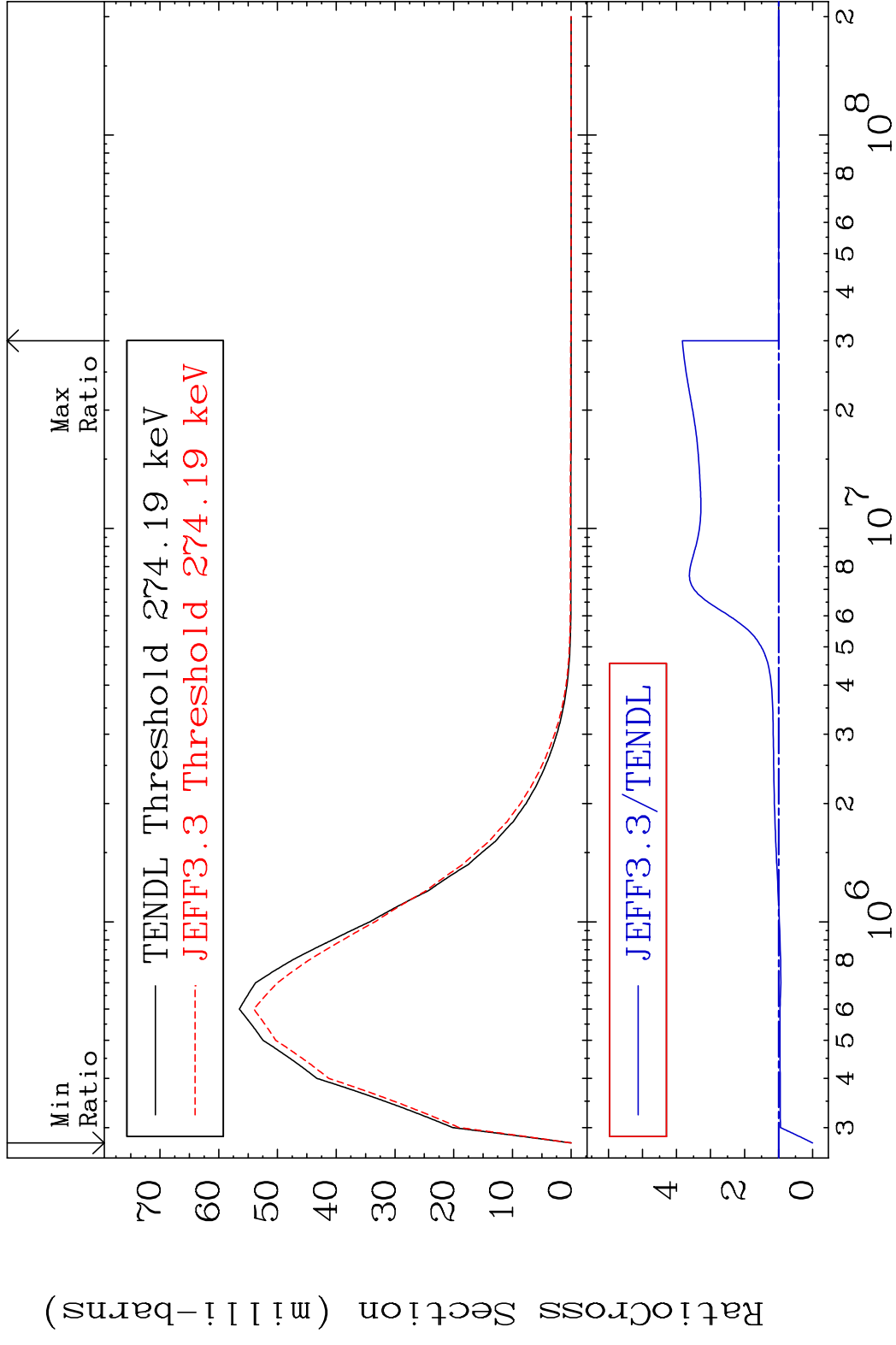
MAT 7646 MT= 55 (n,n') Level 76-0s-191
 Cross Section -84.27 To 8.559 %



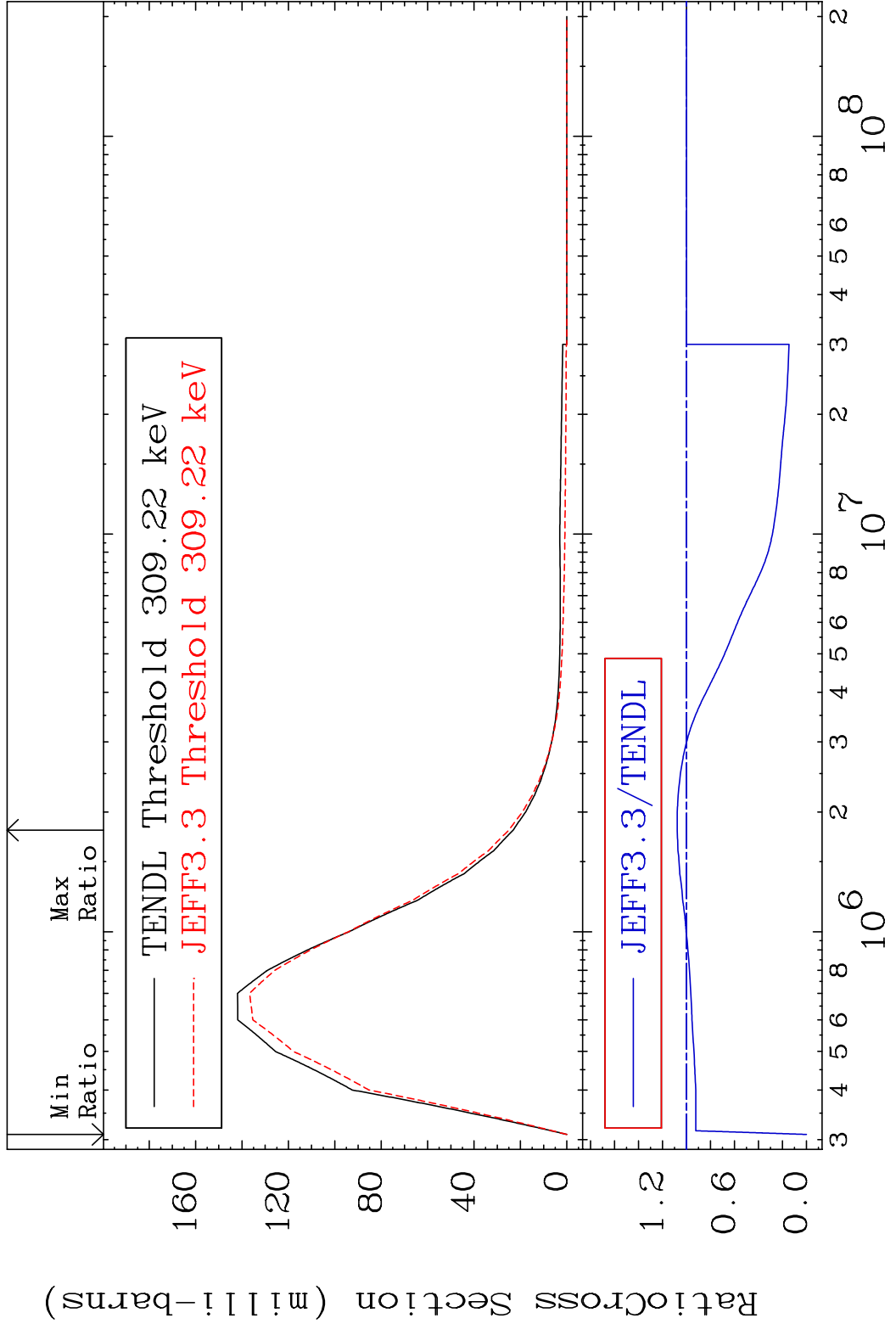
MAT 7646 MT= 56 (n,n') Level 76-0s-191
 Cross Section -100.0 To 4.844 %



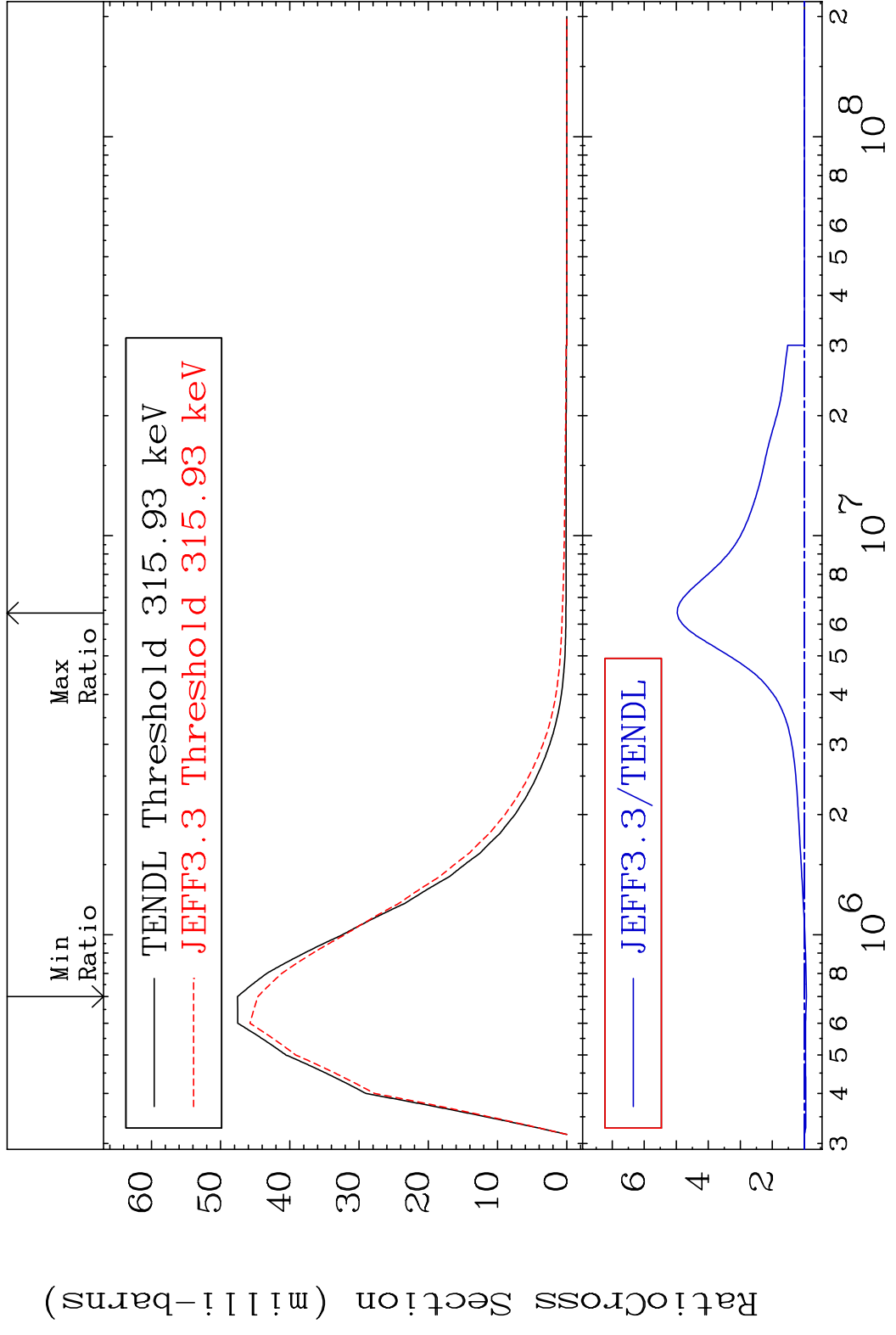
MAT 7646 MT= 57 (n,n') Level 76-0s-191
 Cross Section -100.0 To 282.9 %



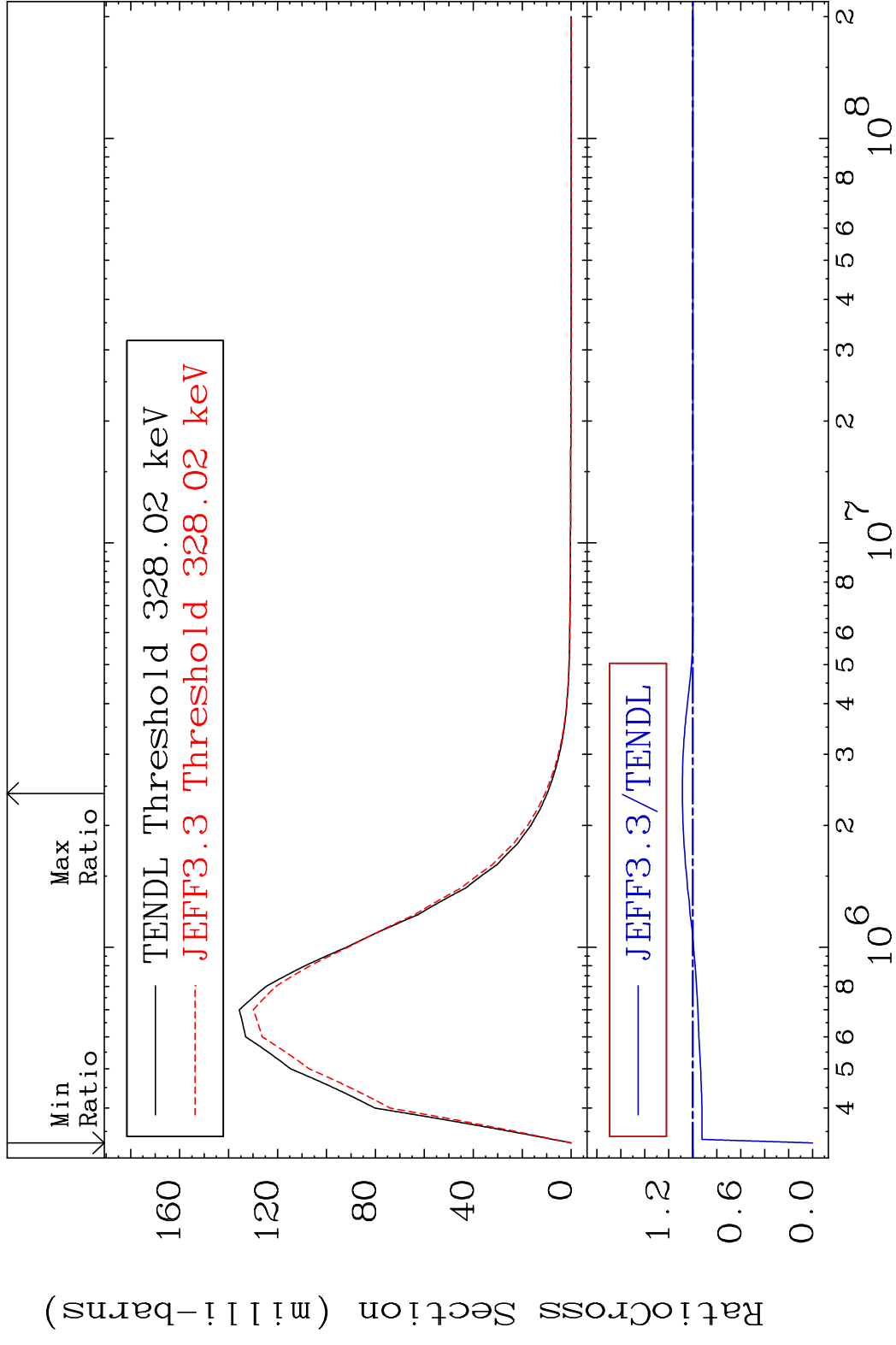
MAT 7646 MT= 58 (n, n') Level 76-0s-191
 Cross Section -100.0 To 7.790 %



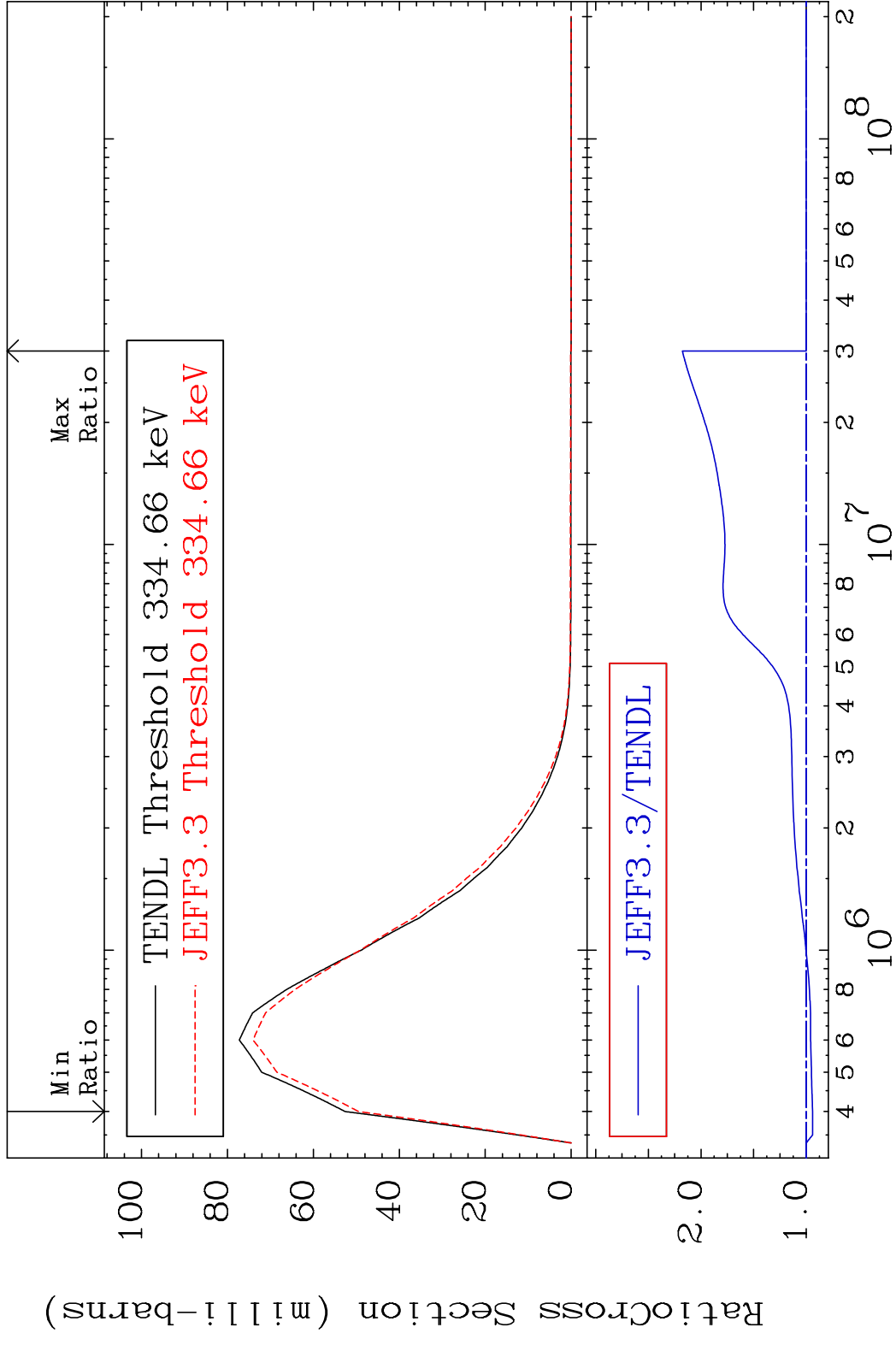
MAT 7646 MT= 59 (n, n') Level 76-0s-191
 Cross Section -6.183 To 397.2 %



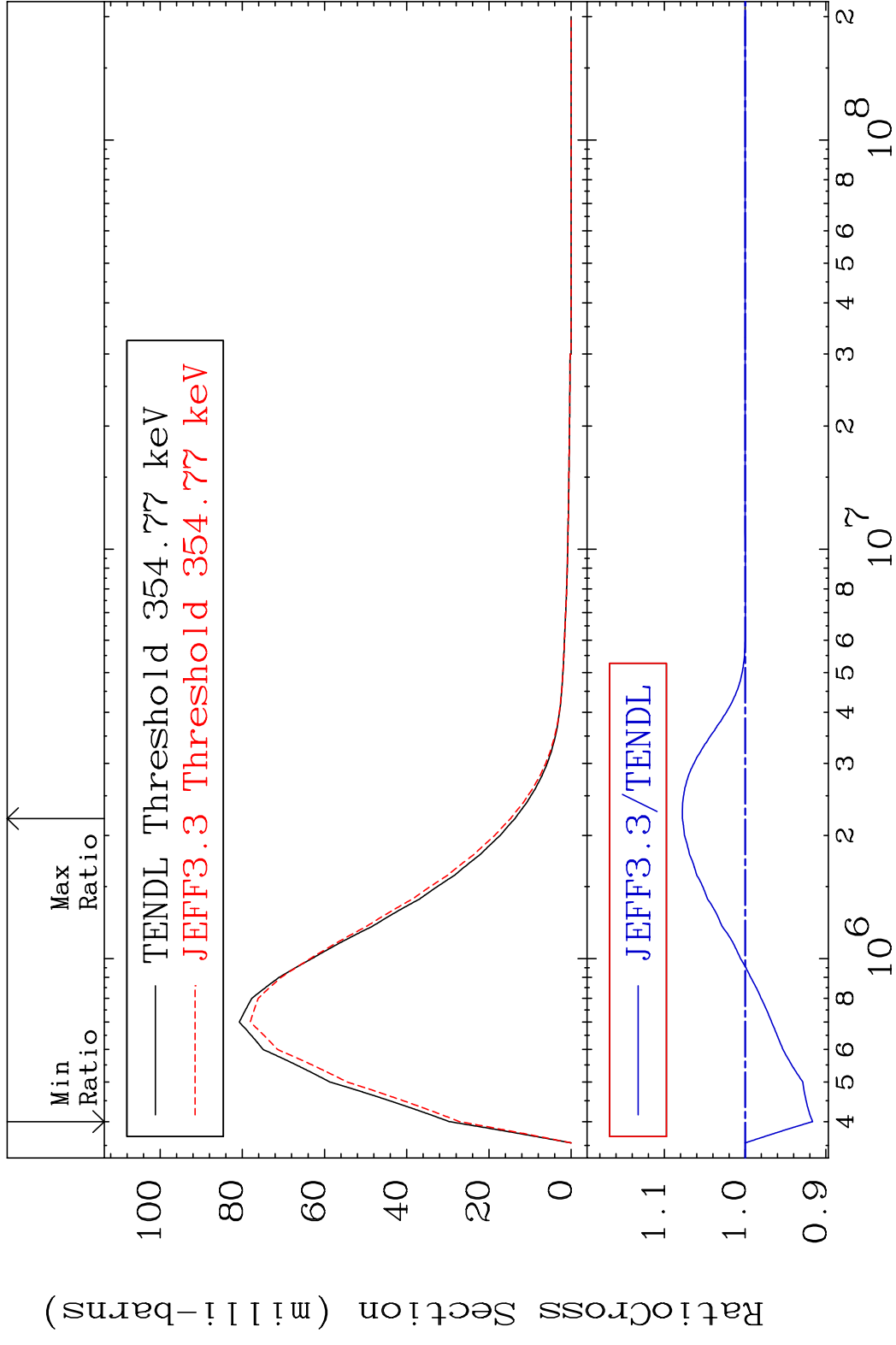
MAT 7646 MT= 60 (n, n') Level 76-0s-191
 Cross Section -100.0 To 8.696 %



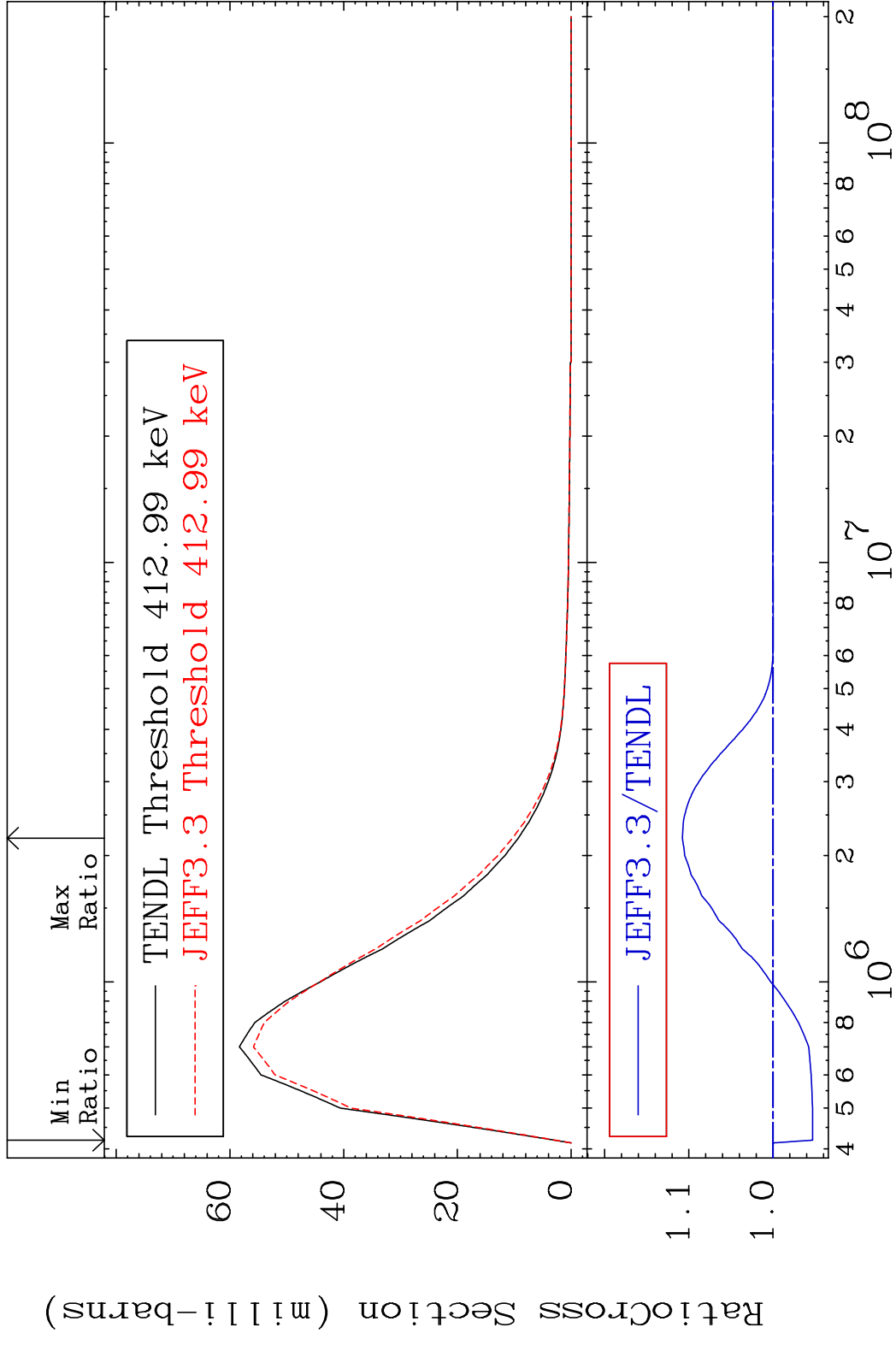
MAT 7646 MT= 61 (n, n') Level 76-0s-191
 Cross Section -5.949 To 117.7 %



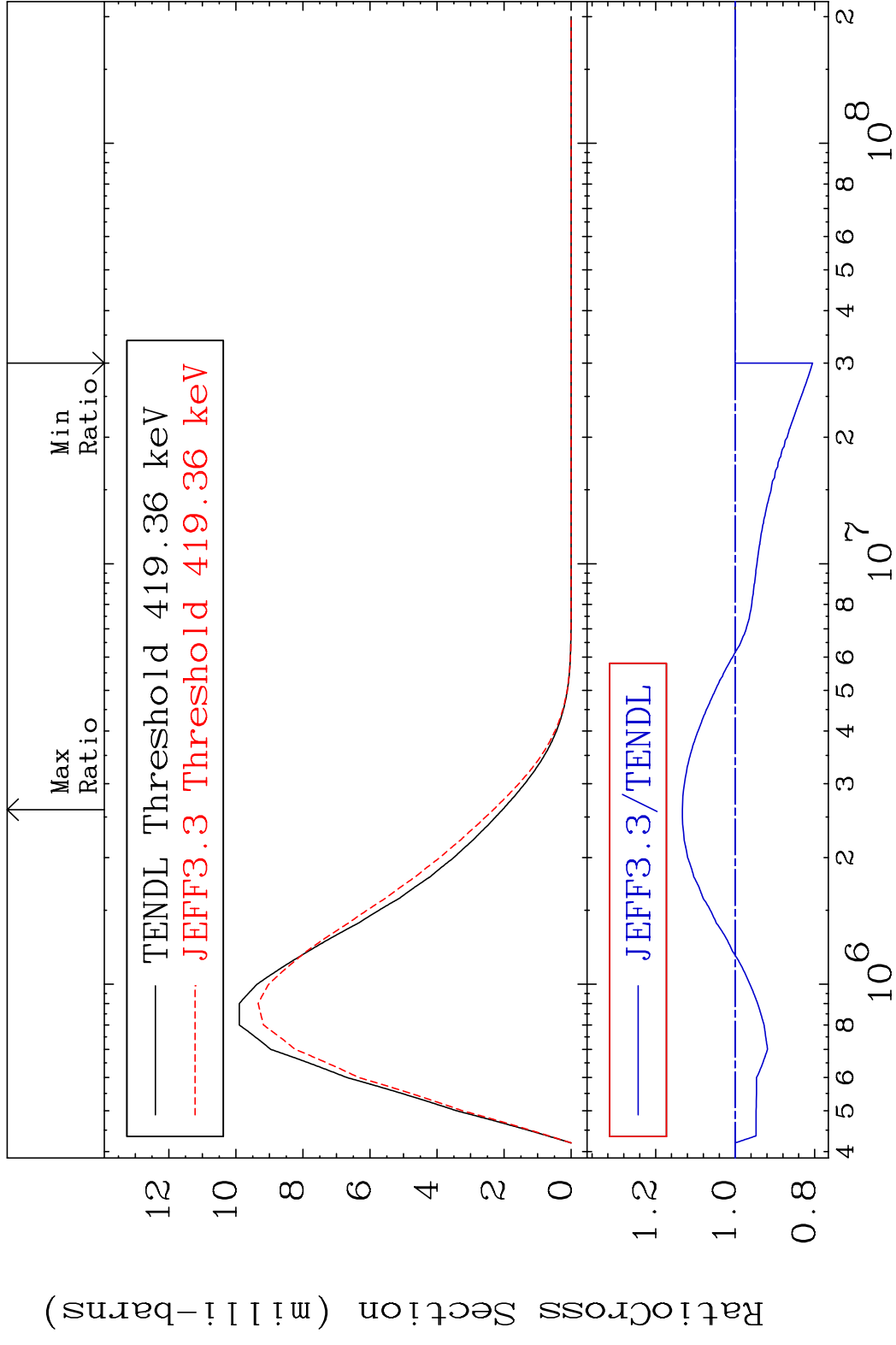
MAT 7646 MT= 62 (n, n') Level 76-0s-191
 Cross Section -8.341 To 7.787 %



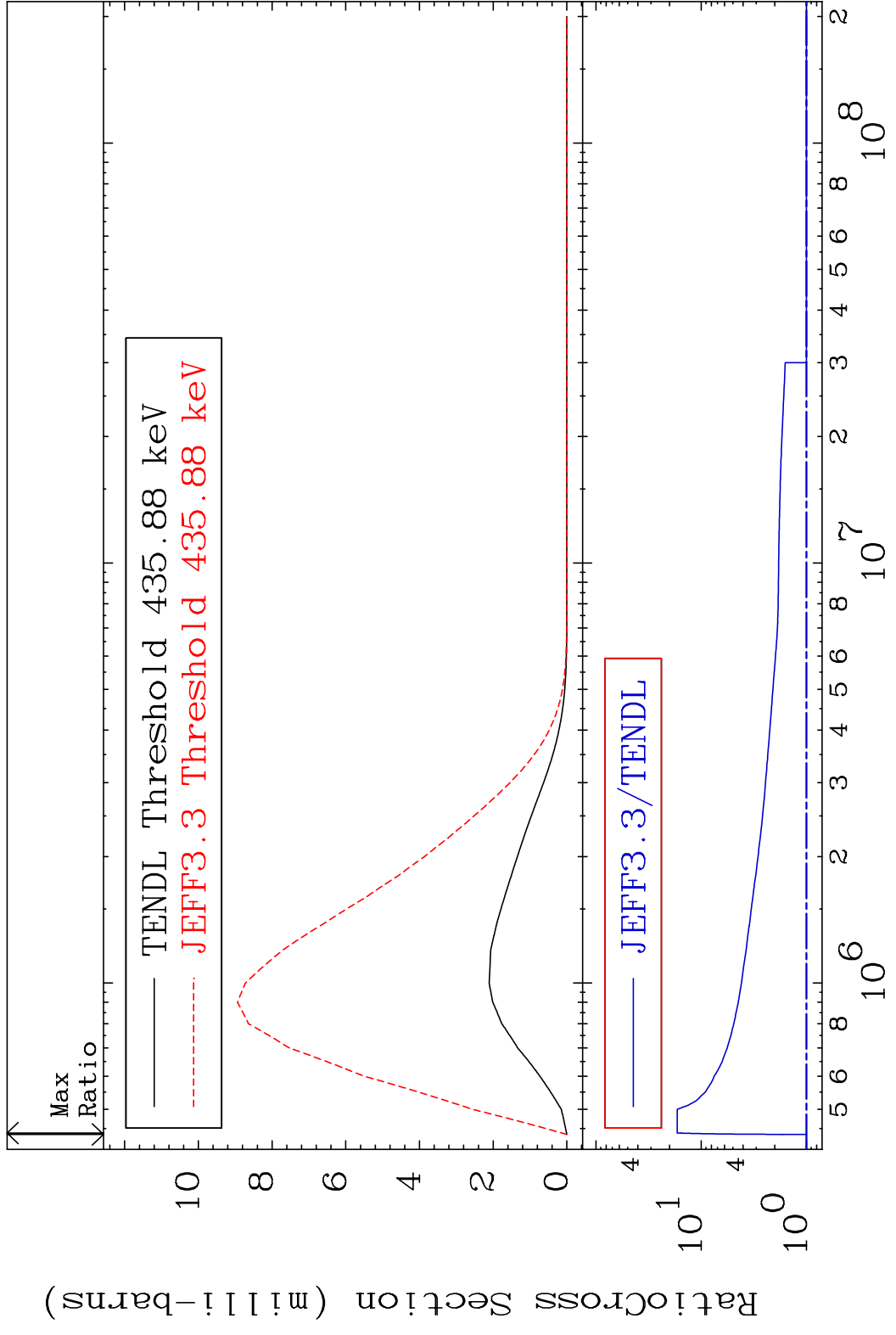
MAT 7646 MT= 63 (n, n') Level 76-0s-191
 Cross Section -4.697 To 10.77 %



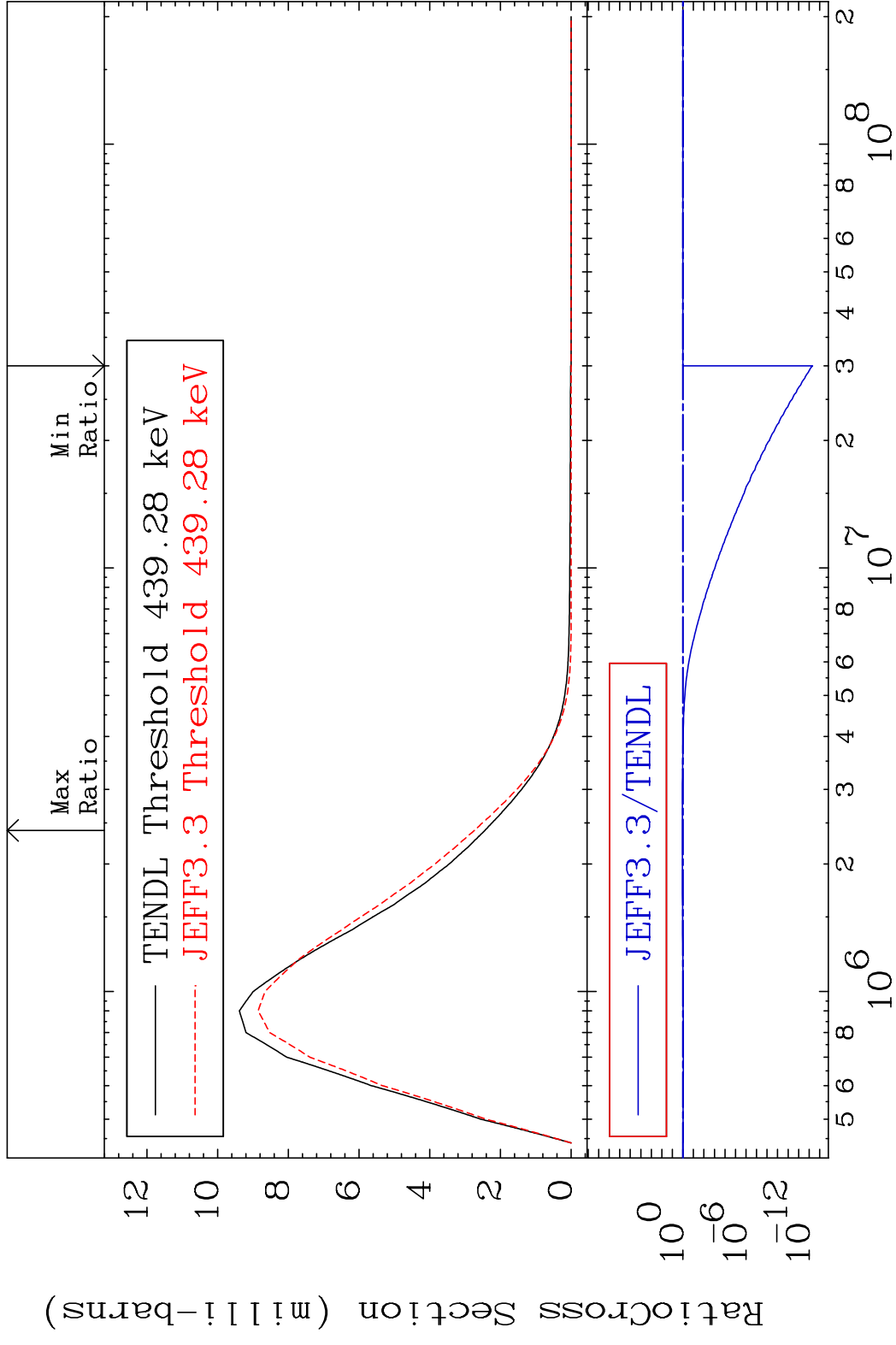
MAT 7646 MT= 64 (n, n') Level 76-0s-191
 Cross Section -19.46 To 13.28 %



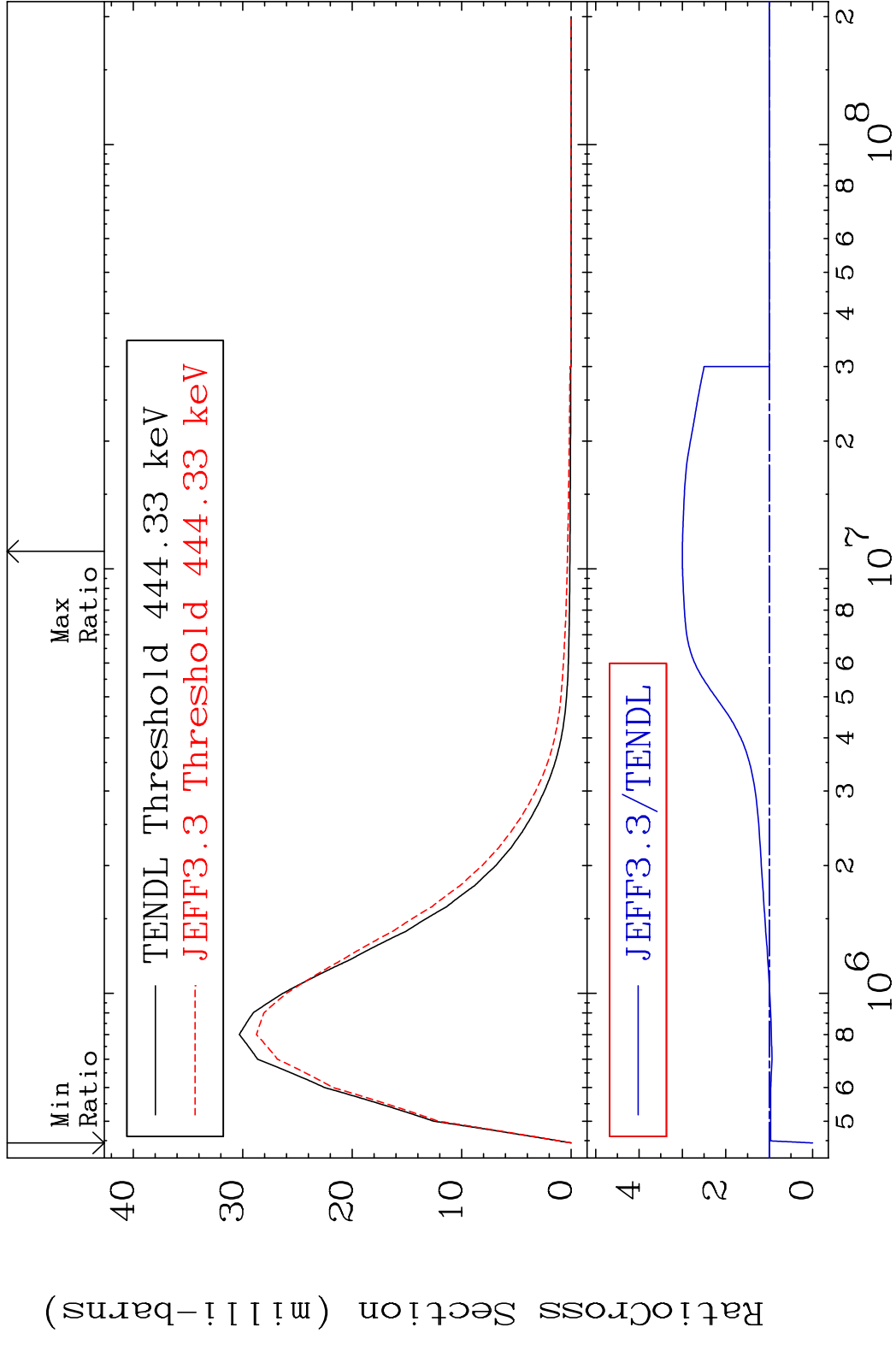
MAT 7646 MT= 65 (n, n') Level 76-0s-191
 Cross Section 0.000 To 1589. %



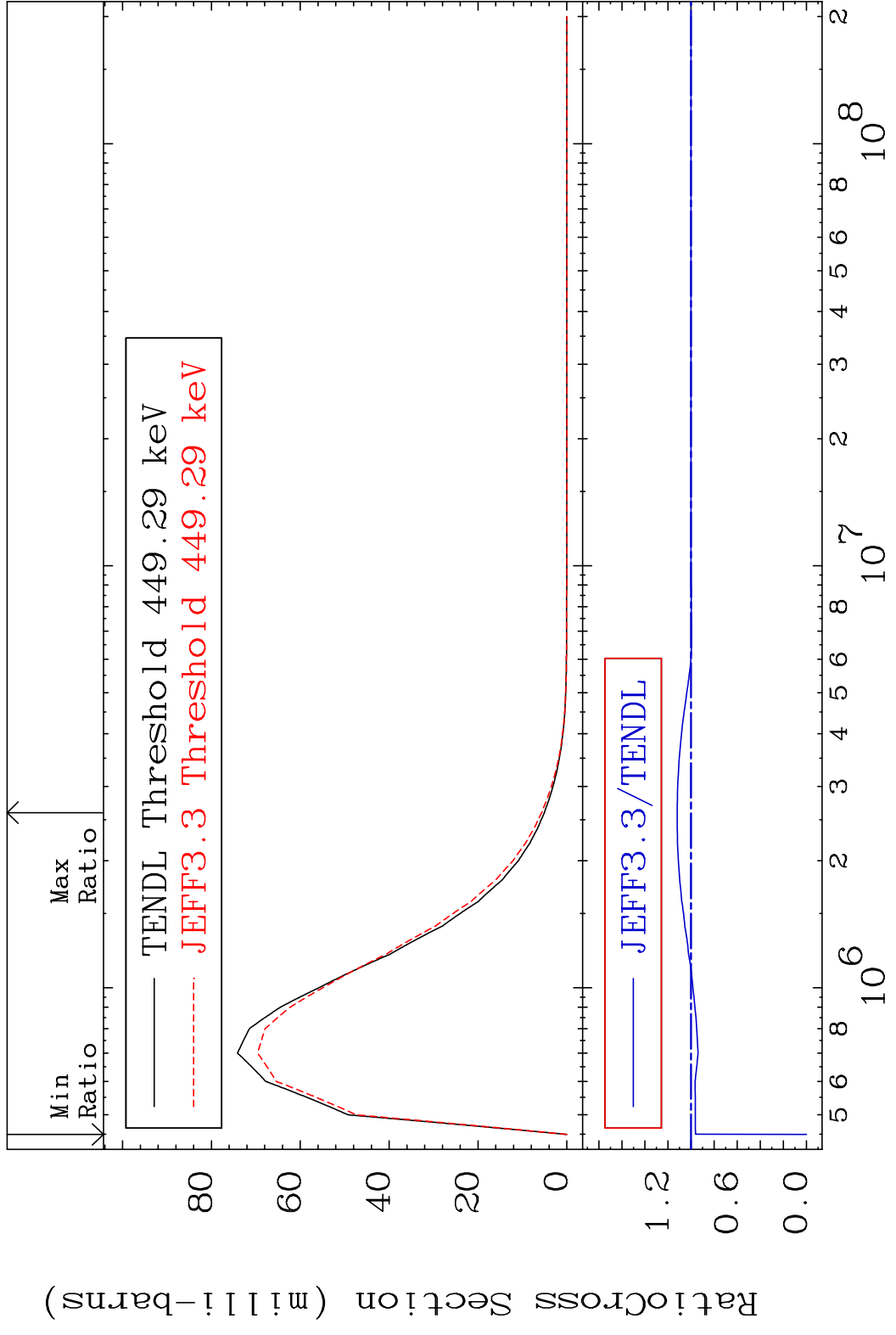
MAT 7646 MT= 66 (n, n') Level 76-0s-191
 Cross Section -100.0 To 12.26 %



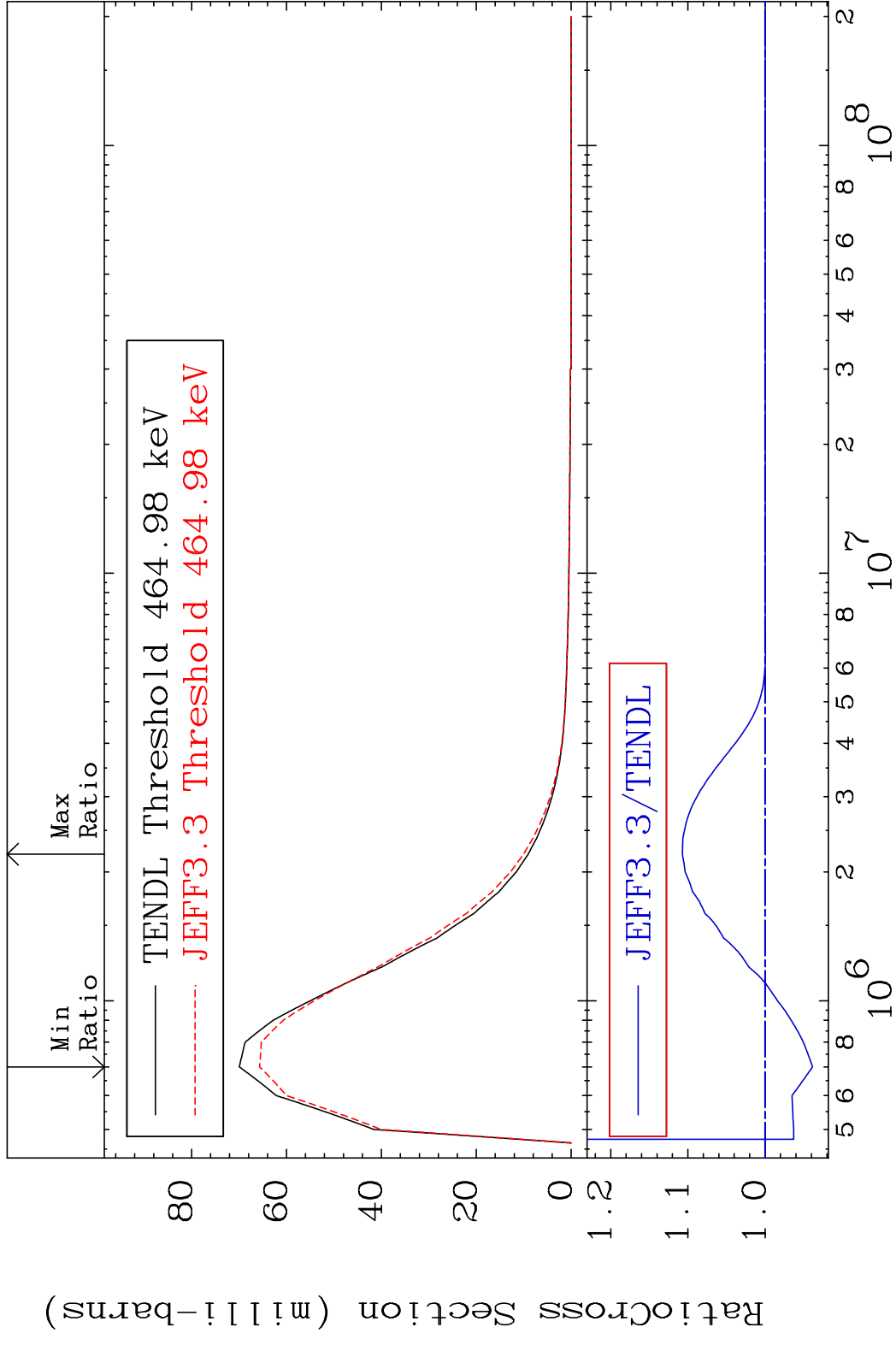
MAT 7646 MT= 67 (n, n') Level 76-0s-191
 Cross Section -100.0 To 200.3 %



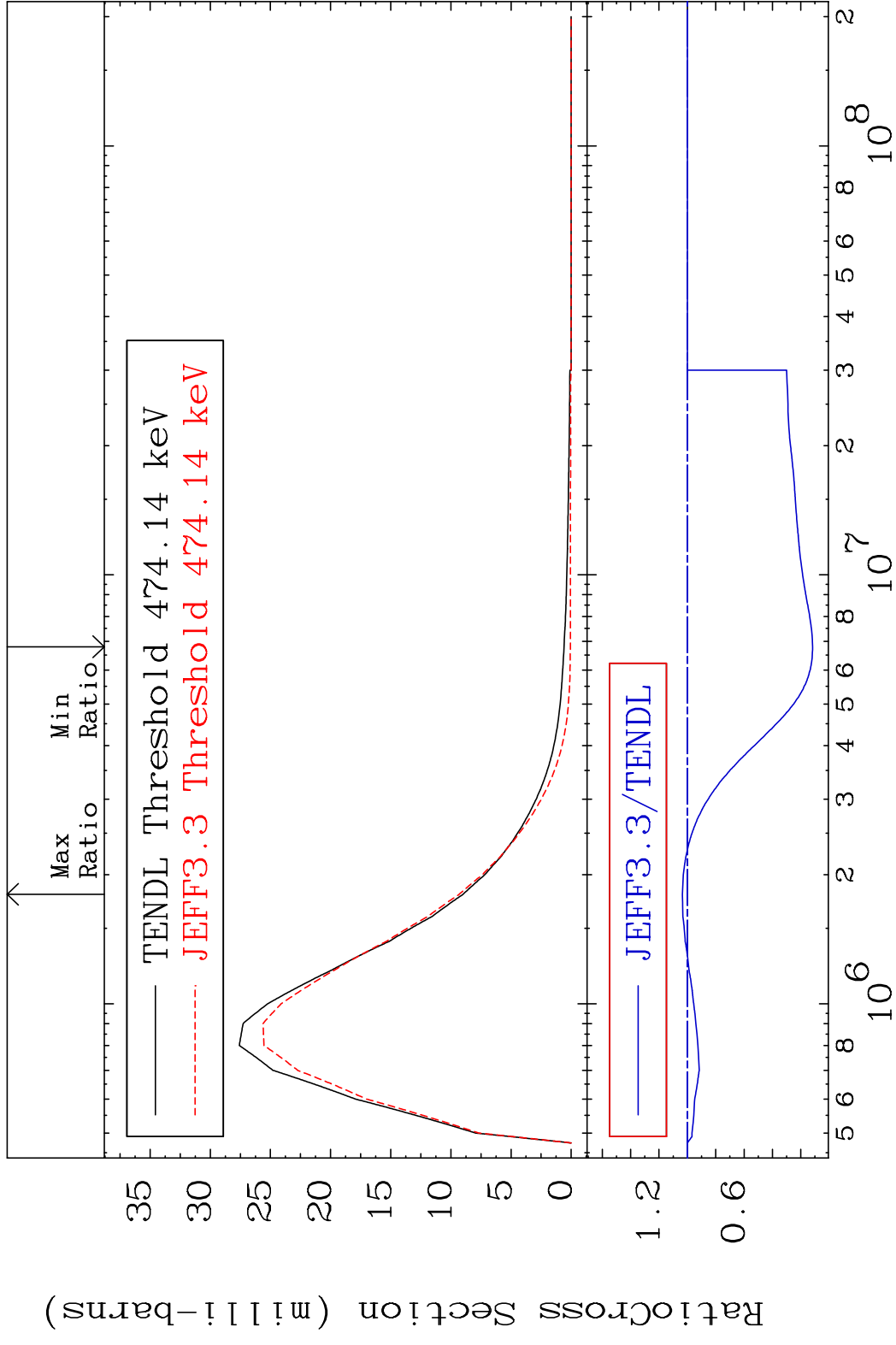
MAT 7646 MT= 68 (n, n') Level 76-0s-191
 Cross Section -100.0 To 12.06 %



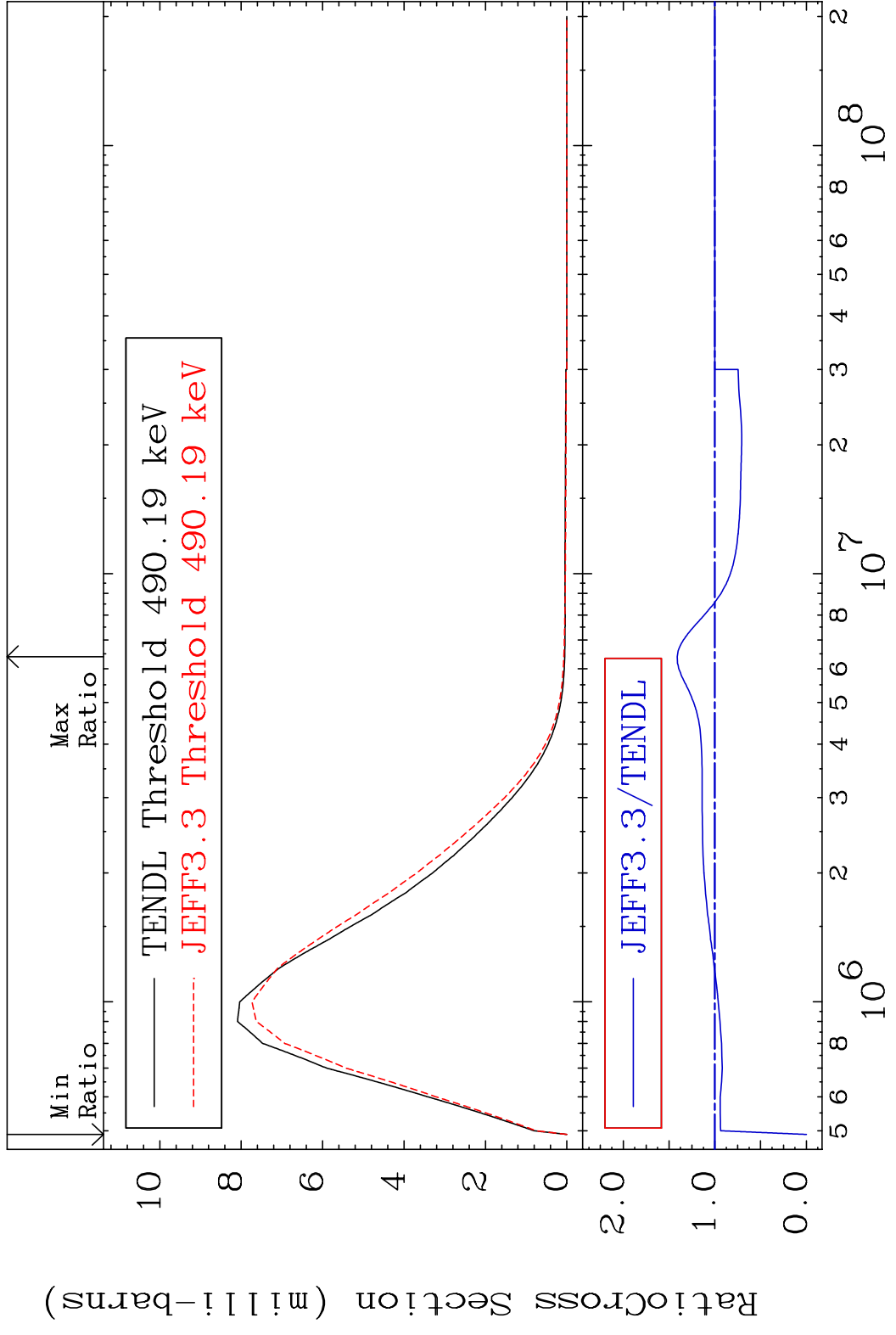
MAT 7646 MT= 69 (n, n') Level 76-0s-191
 Cross Section -6.144 To 10.72 %



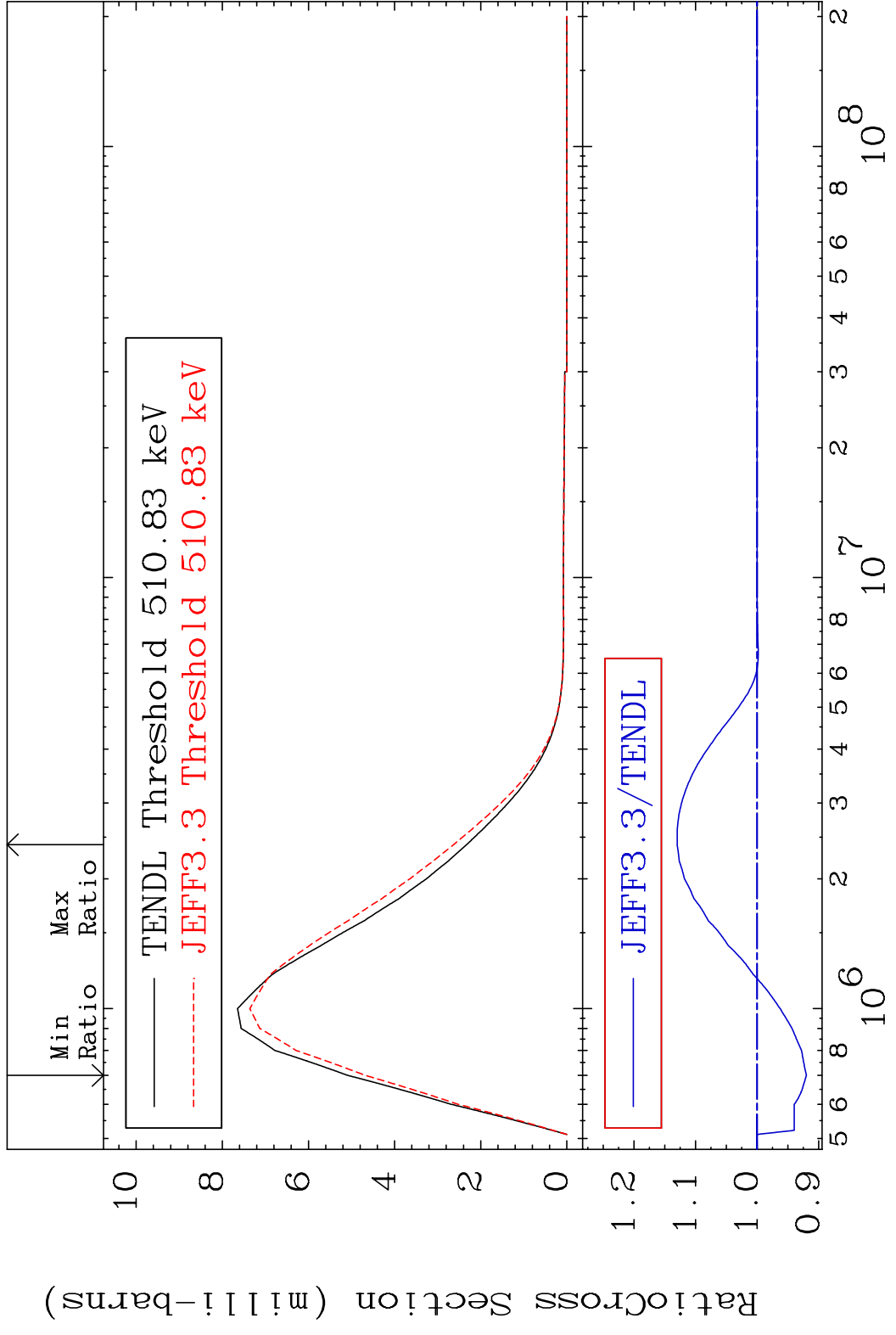
MAT 7646 MT= 70 (n, n') Level 76-0s-191
 Cross Section -88.29 To 3.538 %



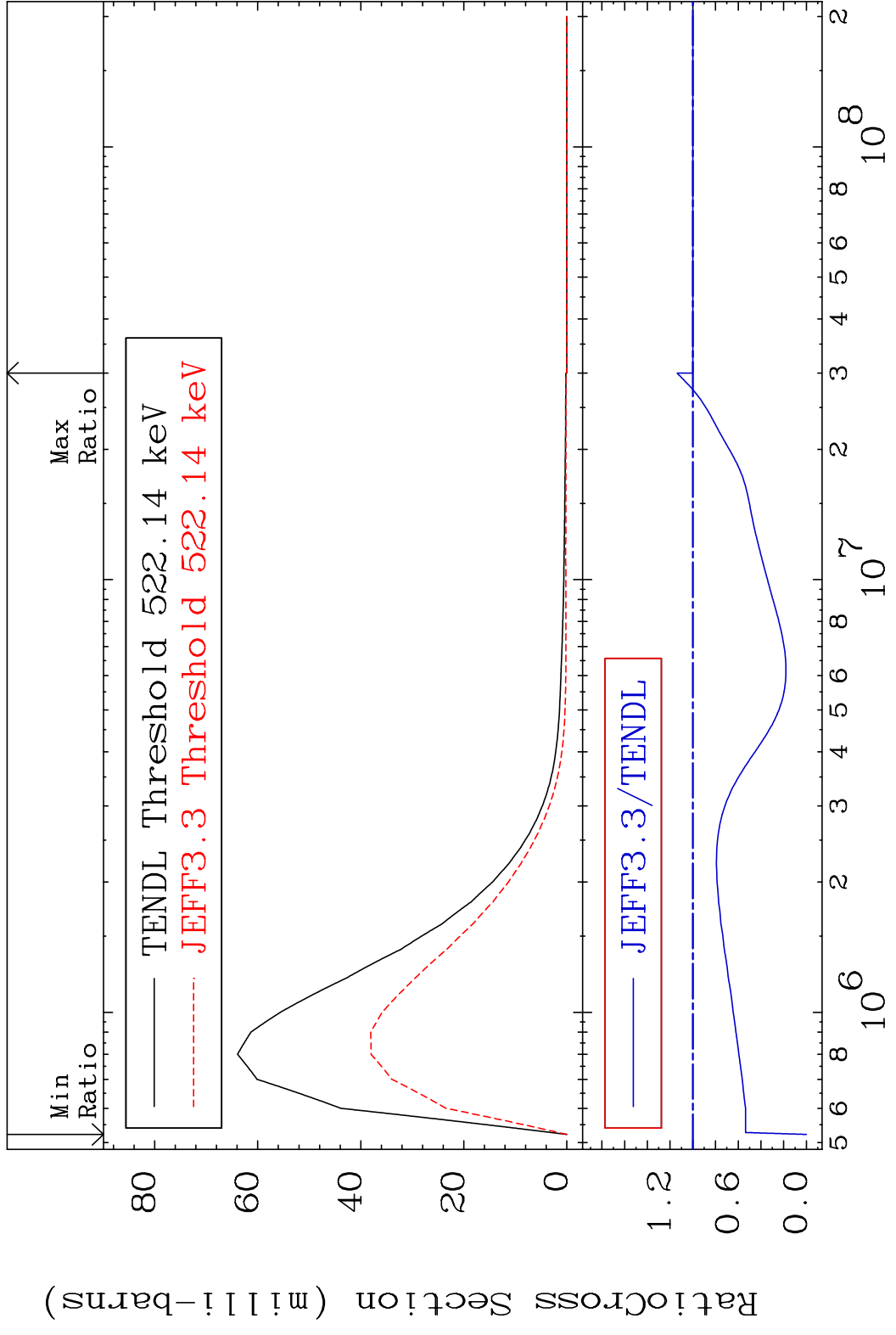
MAT 7646 MT= 71 (n, n') Level 76-Os-191
 Cross Section -100.0 To 41.11 %



MAT 7646 MT= 72 (n,n') Level 76-0s-191
 Cross Section -8.013 To 12.99 %

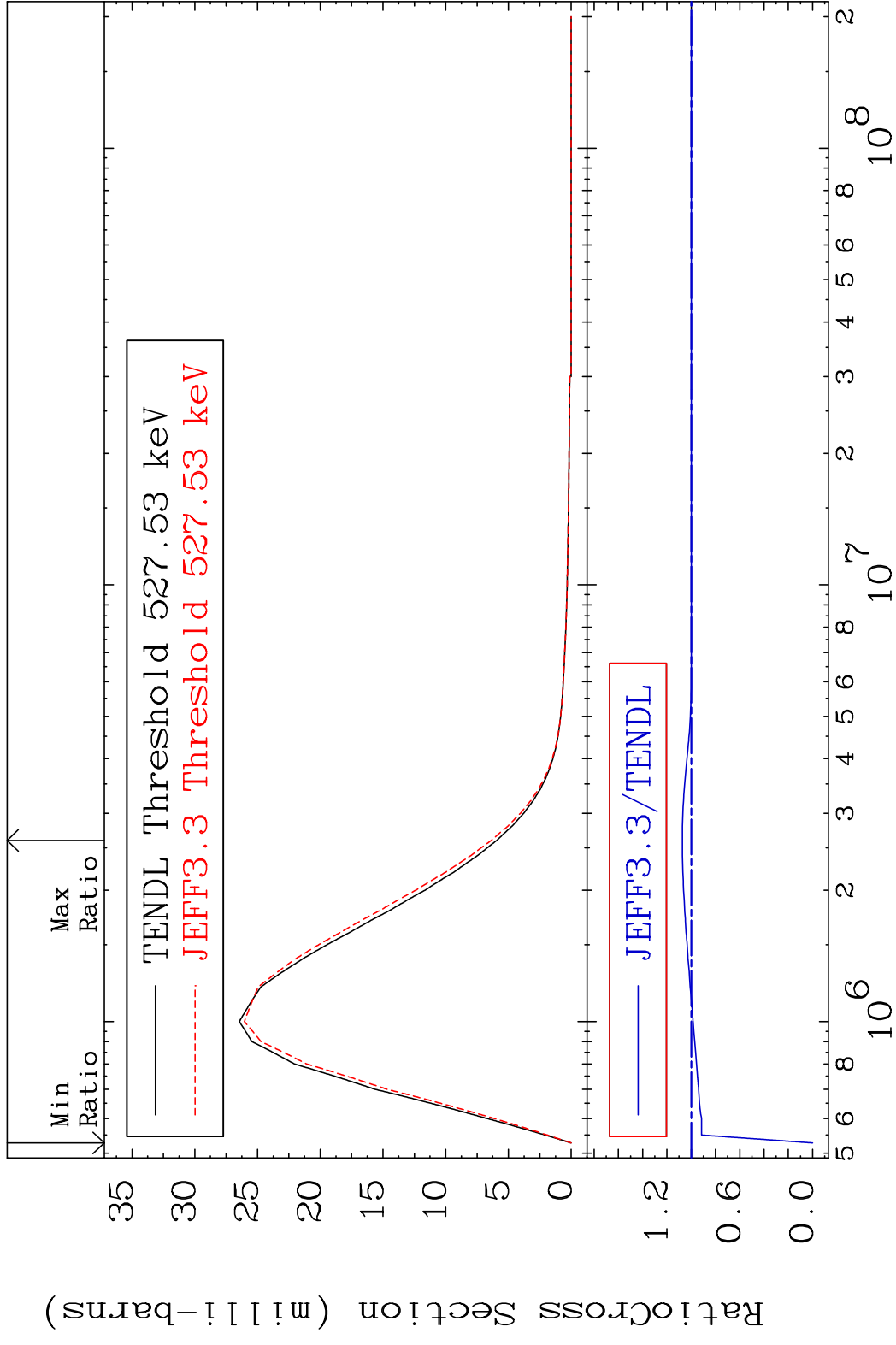


MAT 7646 MT= 73 (n, n') Level 76-0s-191
 Cross Section -100.0 To 13.75 %

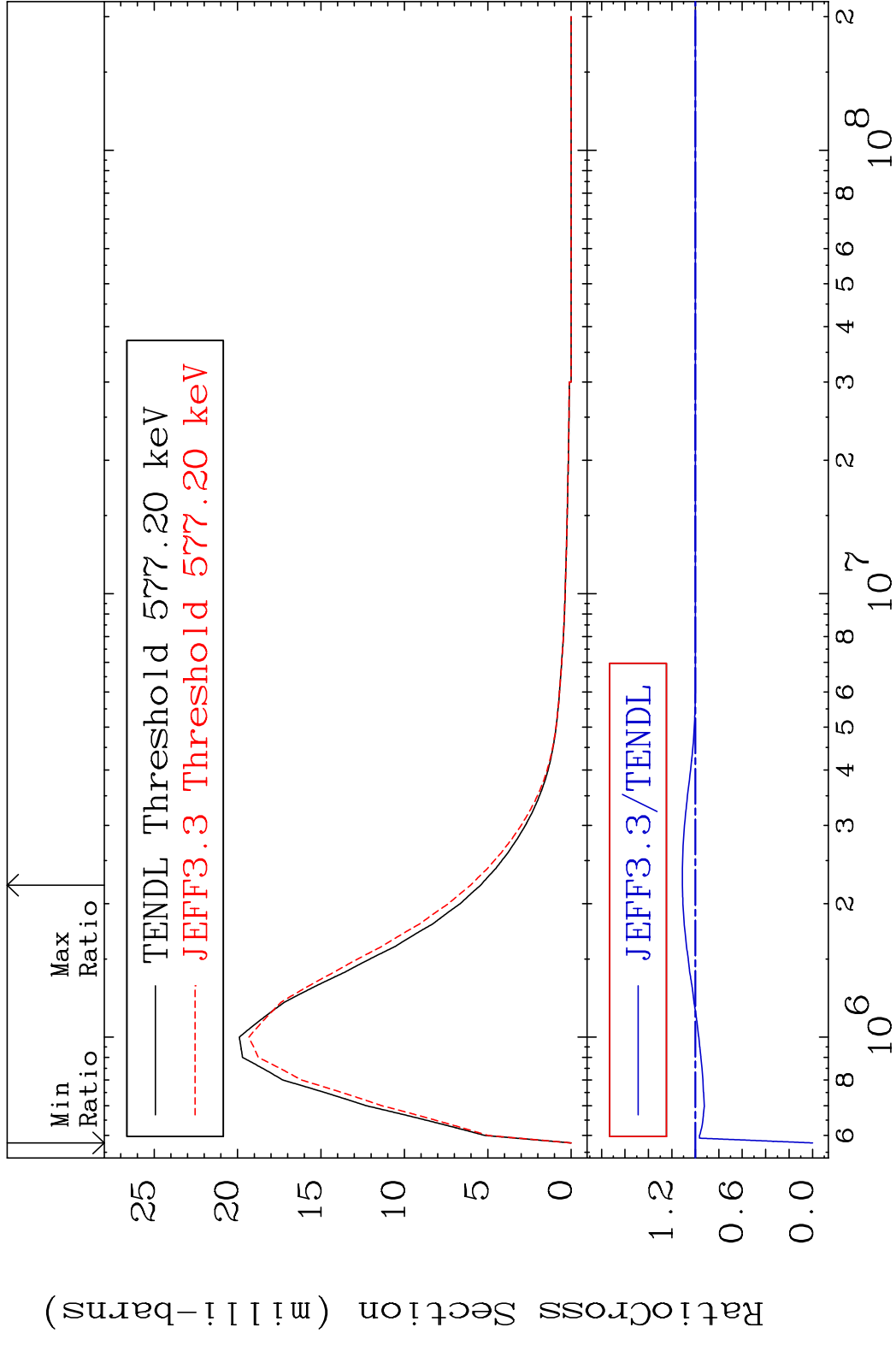


40

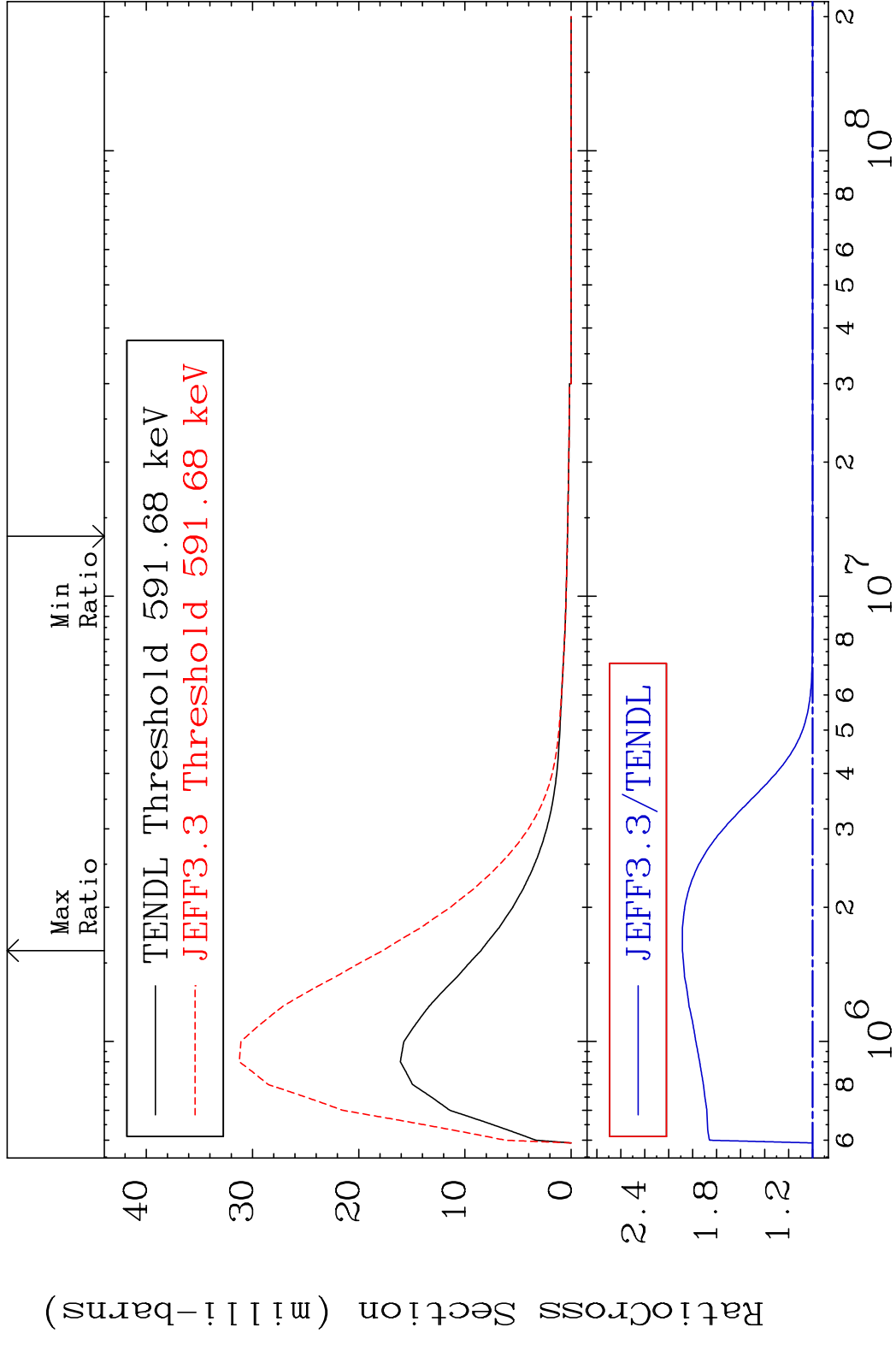
MAT 7646 MT= 74 (n, n') Level 76-0s-191
 Cross Section -100.0 To 7.303 %



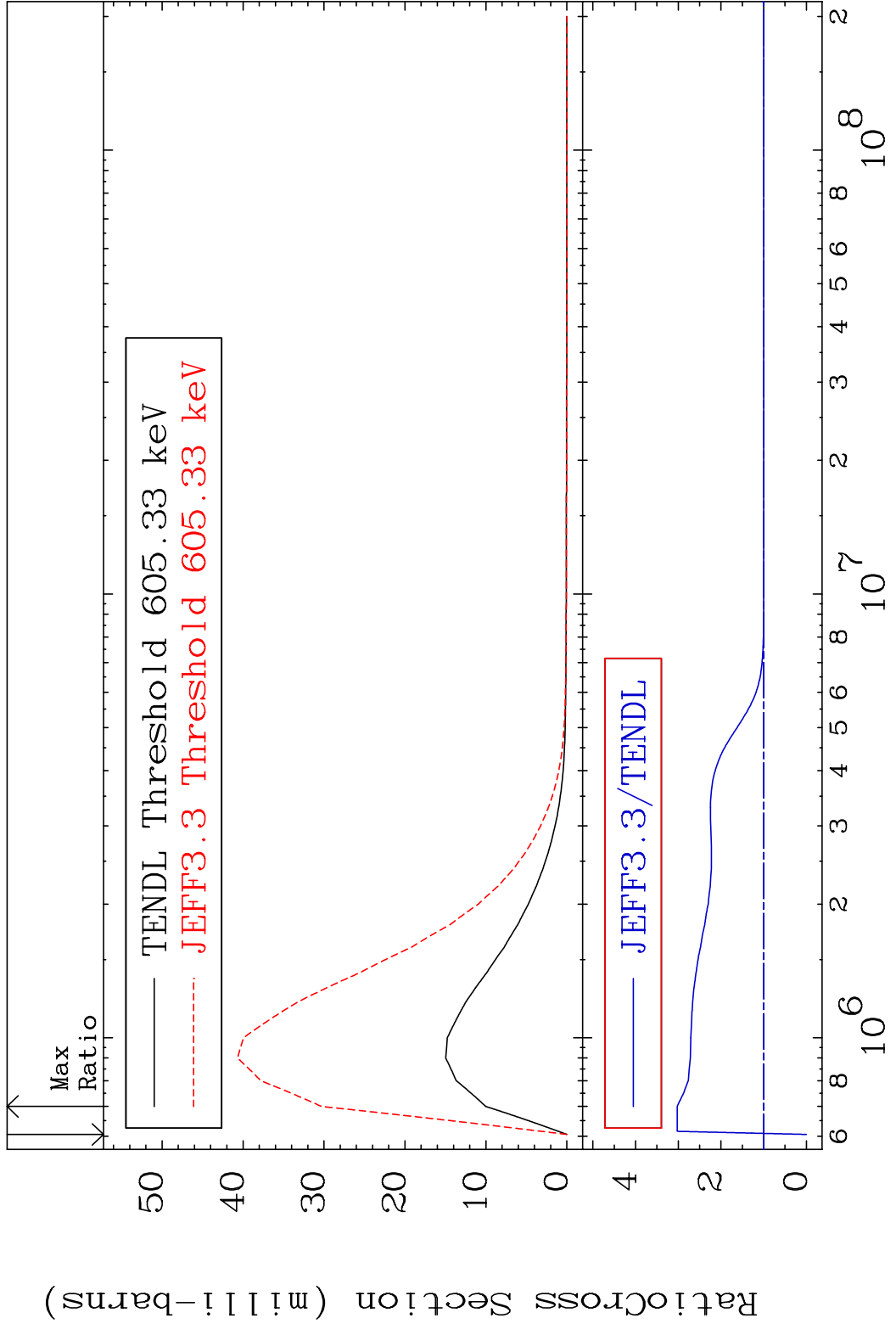
MAT 7646 MT= 75 (n,n') Level 76-0s-191
 Cross Section -100.0 To 11.07 %



MAT 7646 MT= 76 (n,n') Level 76-0s-191
 Cross Section 0.000 To 108.6 %



MAT 7646 MT= 77 (n, n') Level 76-0s-191
 Cross Section -100.0 To 202.5 %

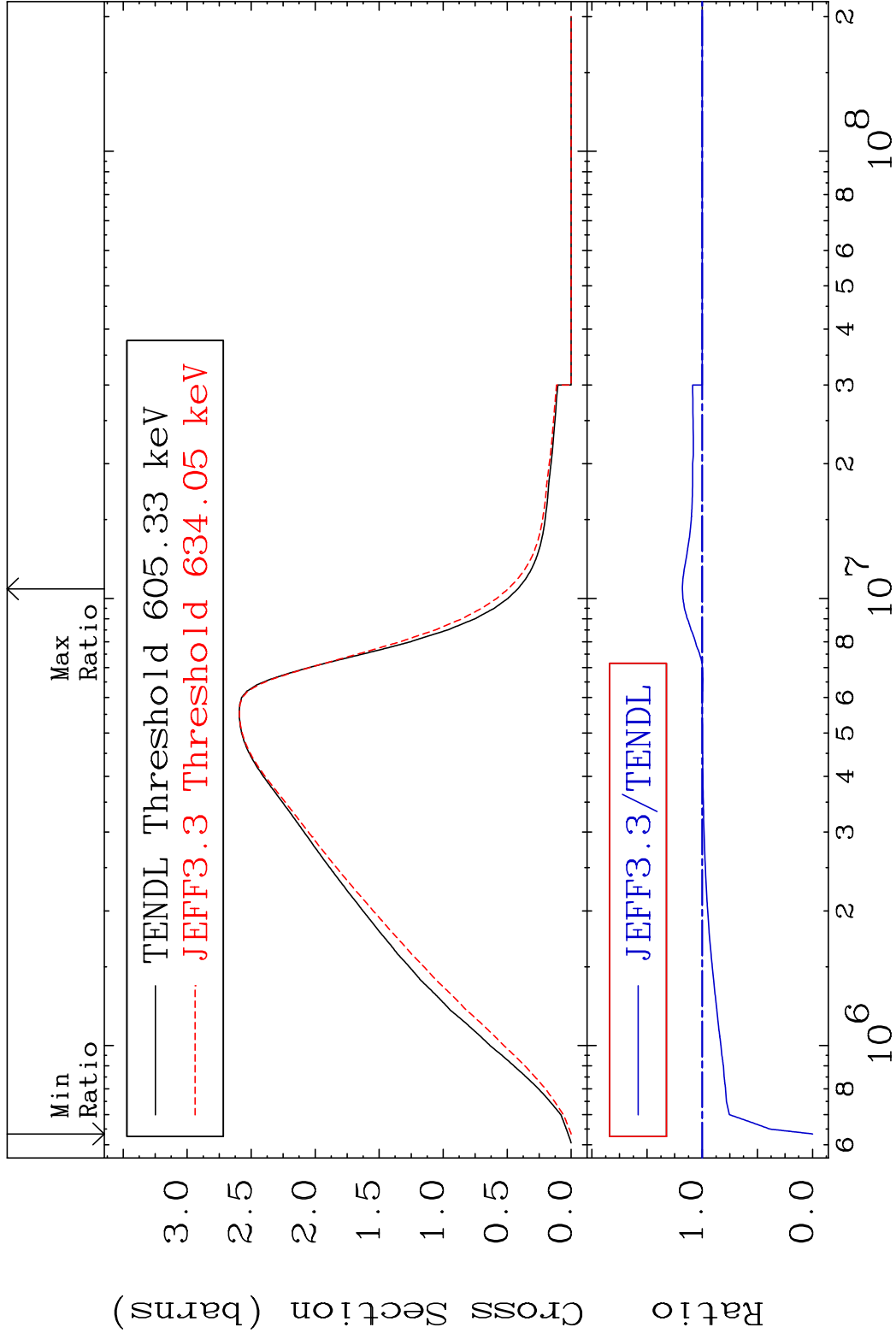


MAT 7646

(n, n') Continuum

76-Os-191

Cross Section -100.0 To 18.03 %



45

Incident Energy (eV)

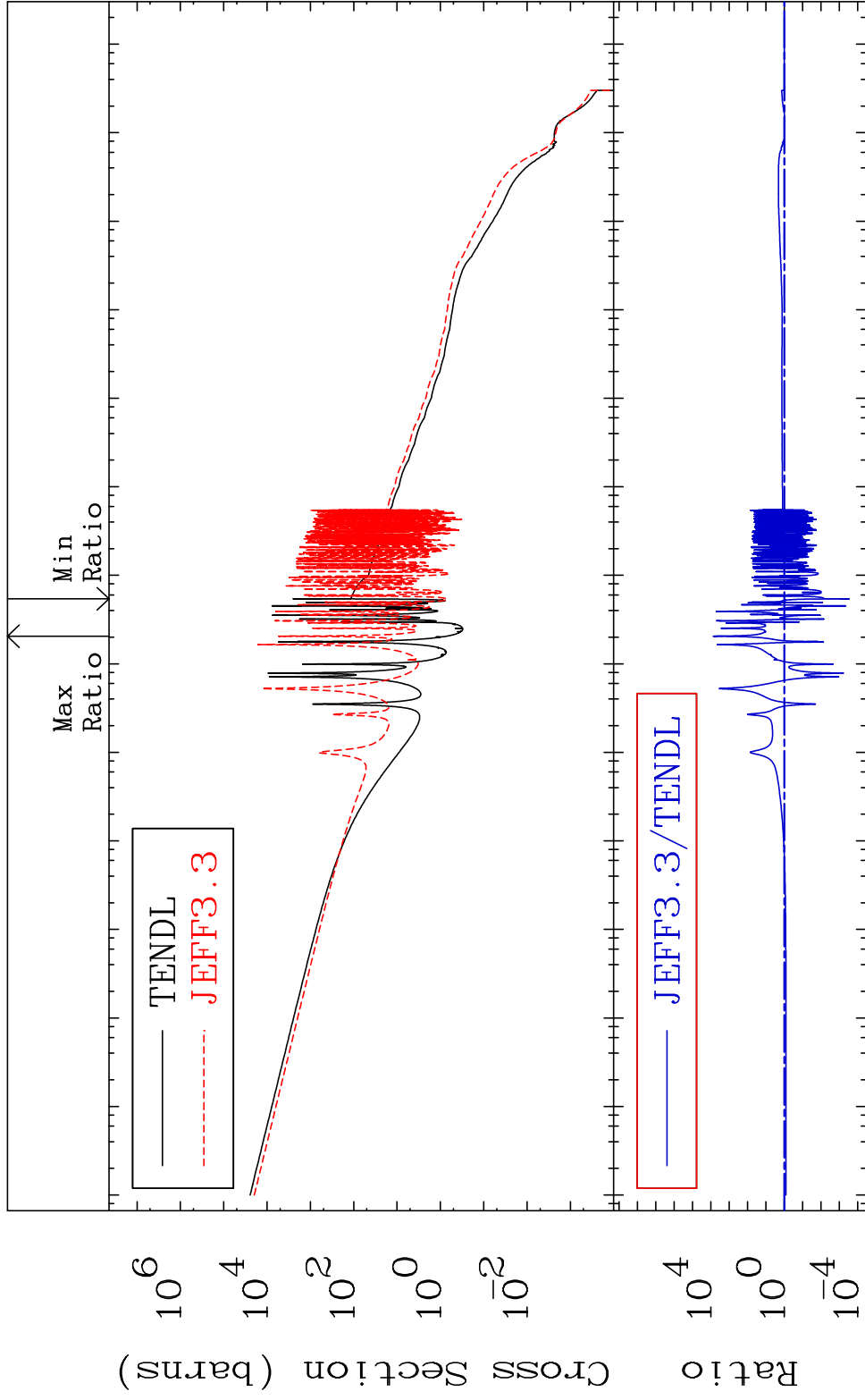
76-Os-191

MAT 7646

(n, γ)

76-0s-191

Cross Section -99.97 To 9999. %



46

Incident Energy (eV)

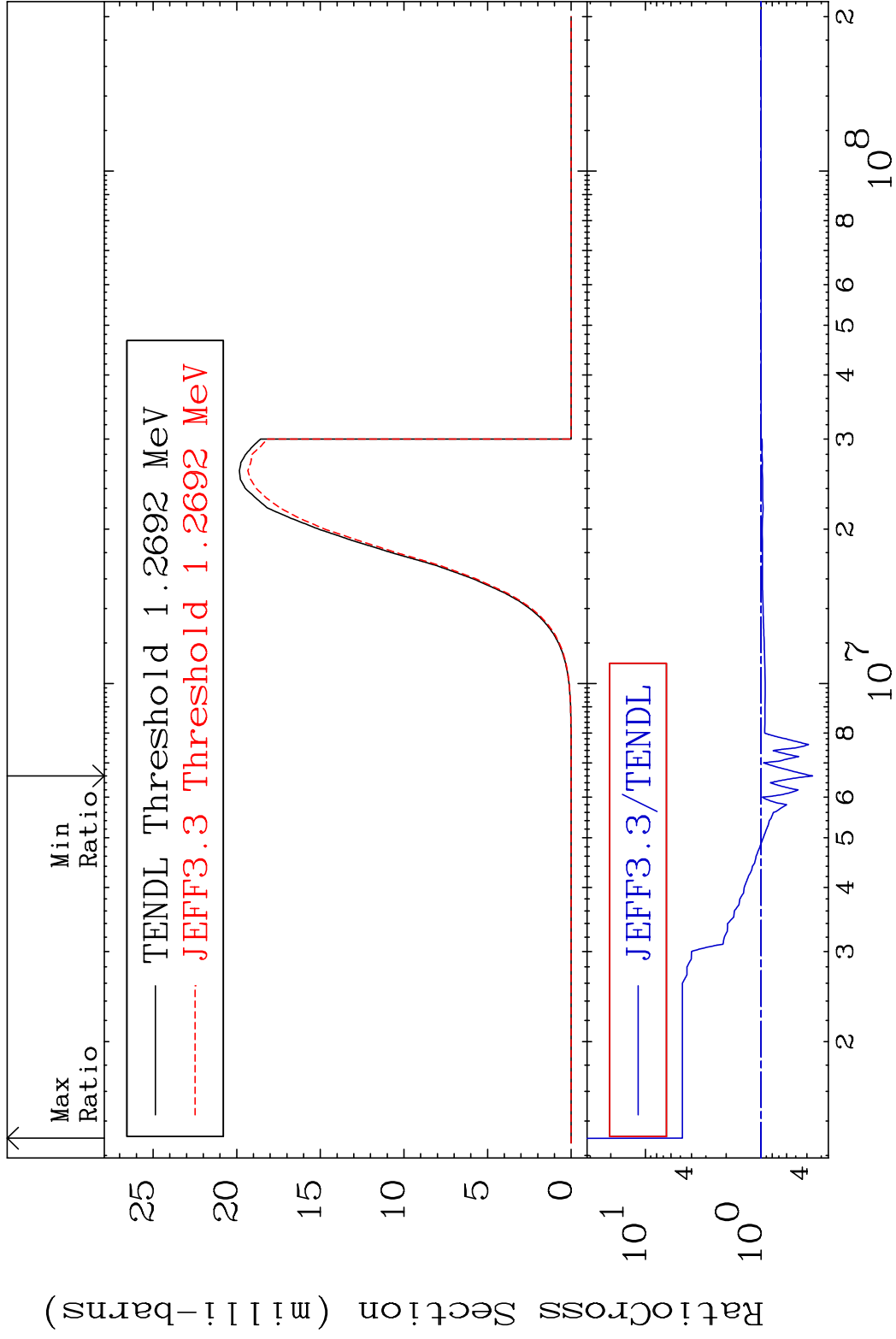
76-0s-191

MAT 7646

(n, p)

76-Os-191

Cross Section -64.23 To 379.2 %



47

Incident Energy (eV)

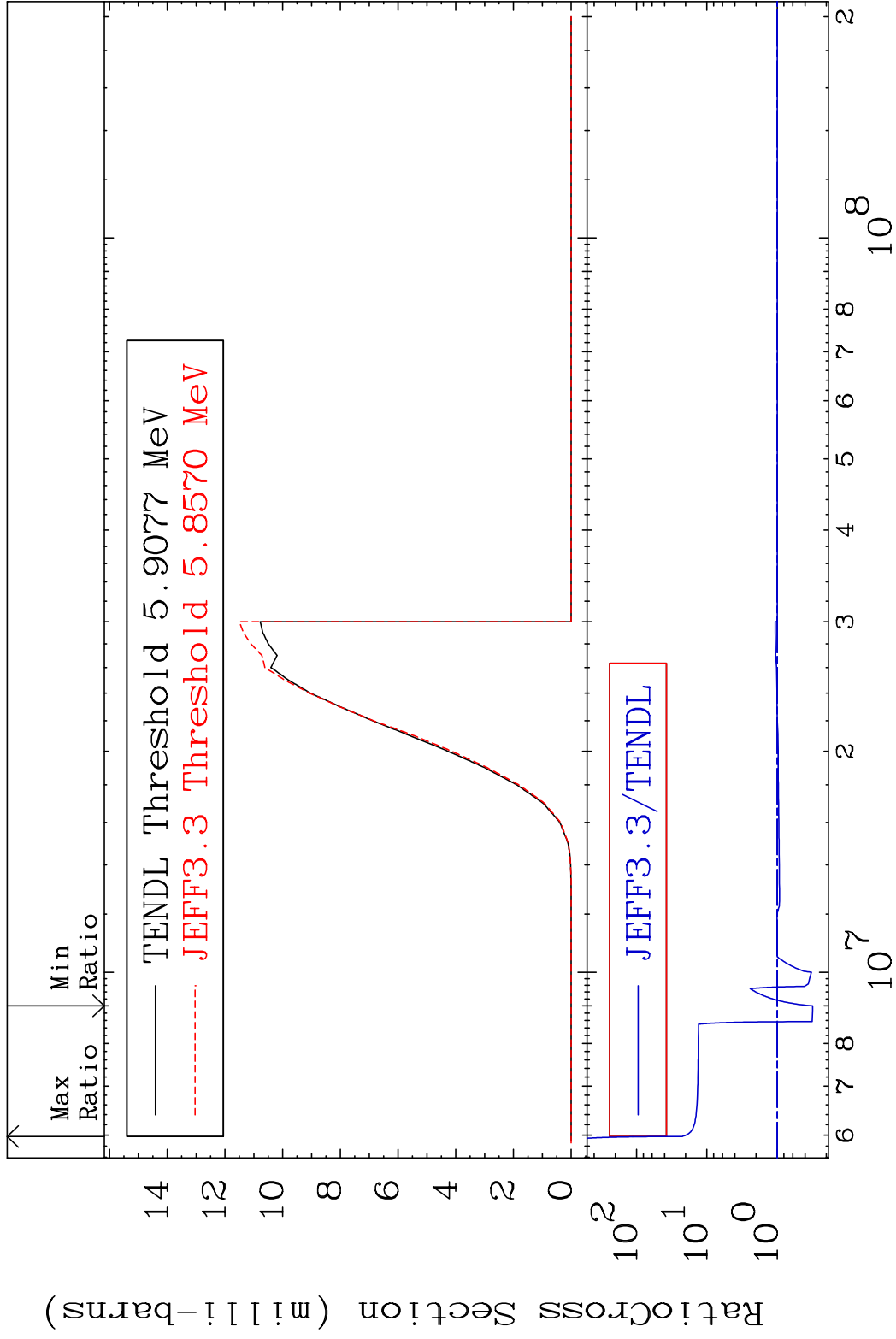
76-Os-191

MAT 7646

(n,d)

76-0s-191

Cross Section -68.63 To 2129. %



48

Incident Energy (eV)

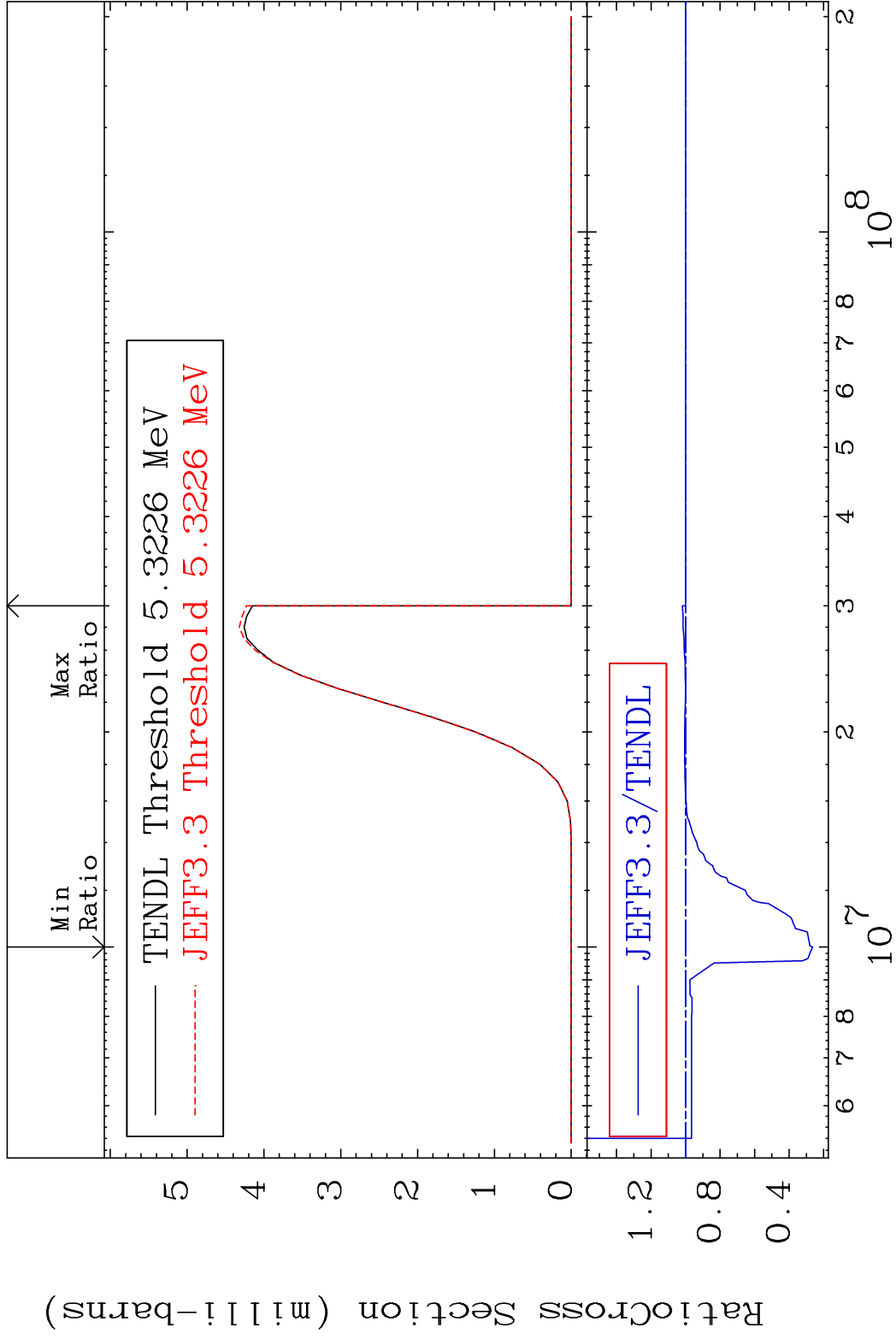
76-0s-191

MAT 7646

(n, t)

76-0s-191

Cross Section -73.58 To 1.870 %



49

Incident Energy (eV)

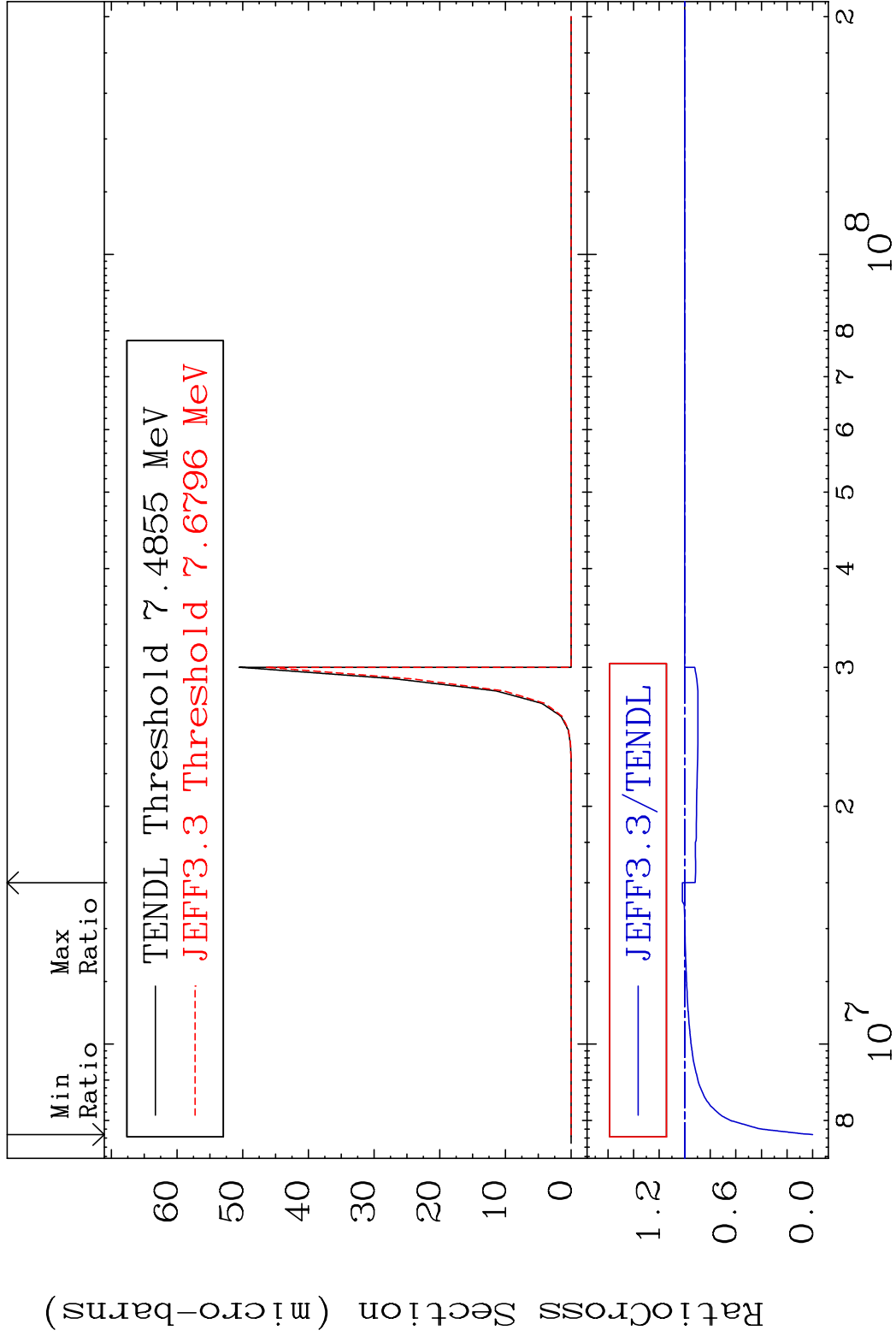
76-0s-191

MAT 7646

(n, He-3)

76-0s-191

Cross Section -100.0 To 1.848 %



50

Incident Energy (eV)

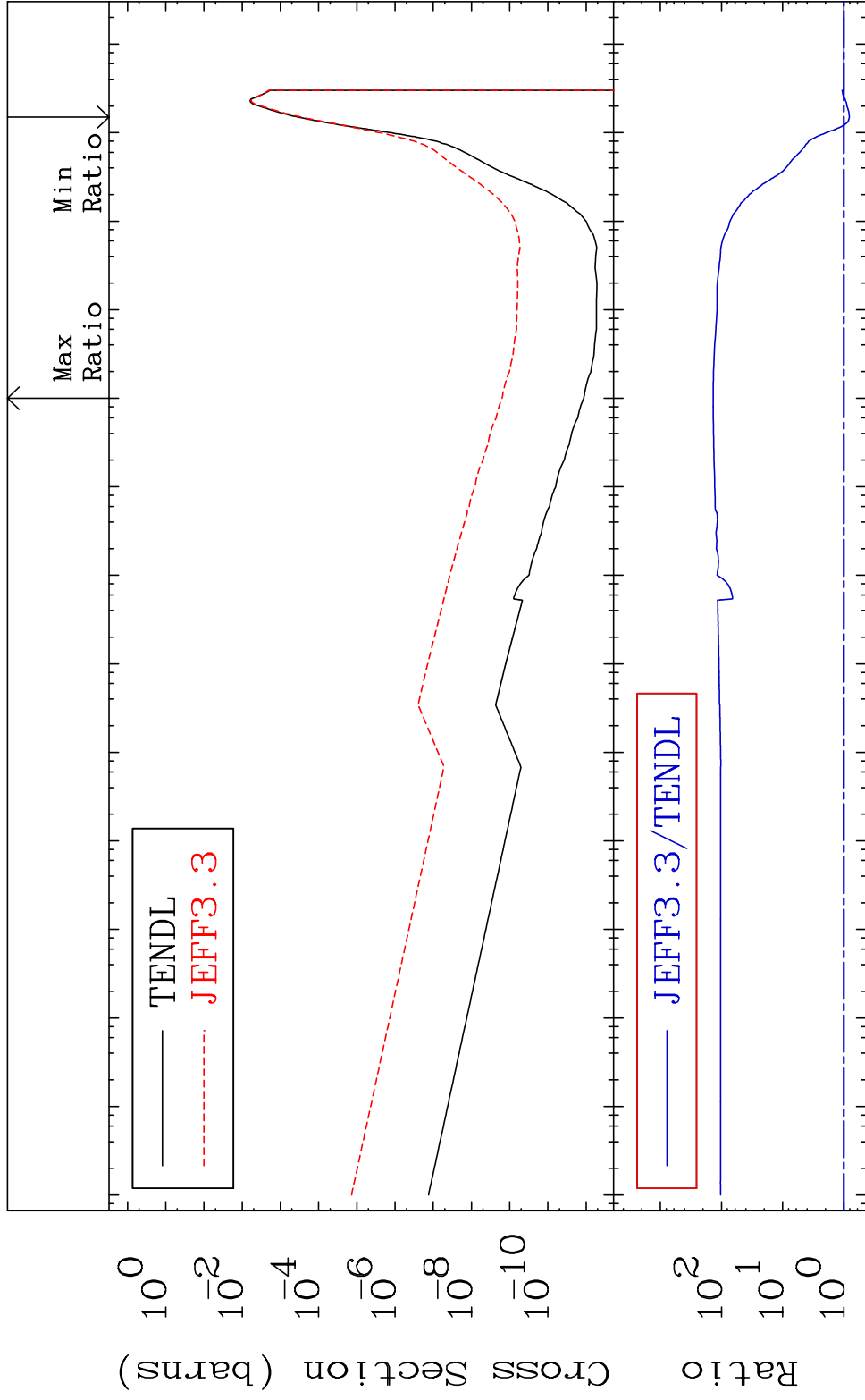
76-0s-191

MAT 7646

(n, α)

76-0s-191

Cross Section -18.33 To 9999. %

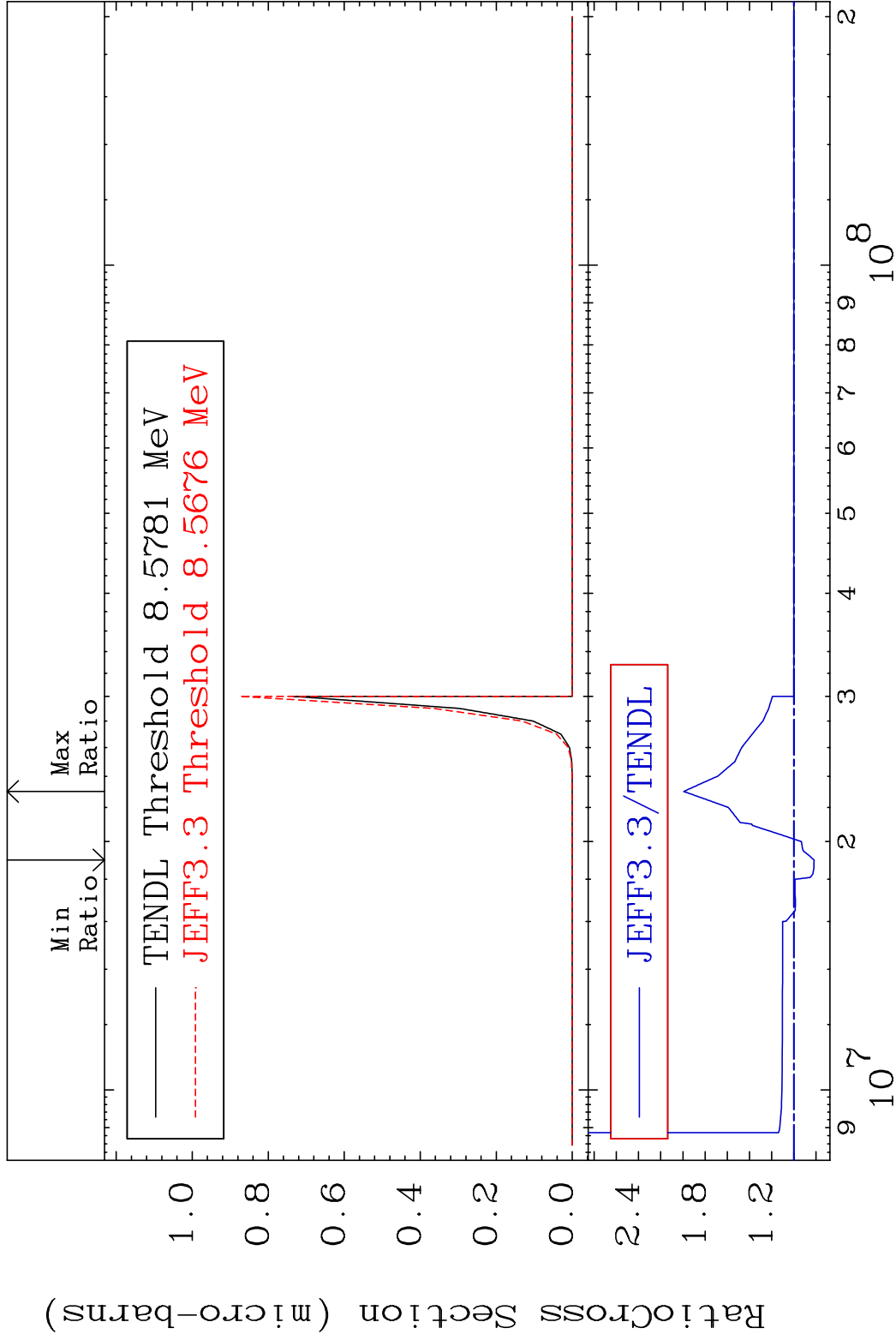


MAT 7646

(n,2p)

76-0s-191

Cross Section -18.25 To 99.31 %



52

Incident Energy (eV)

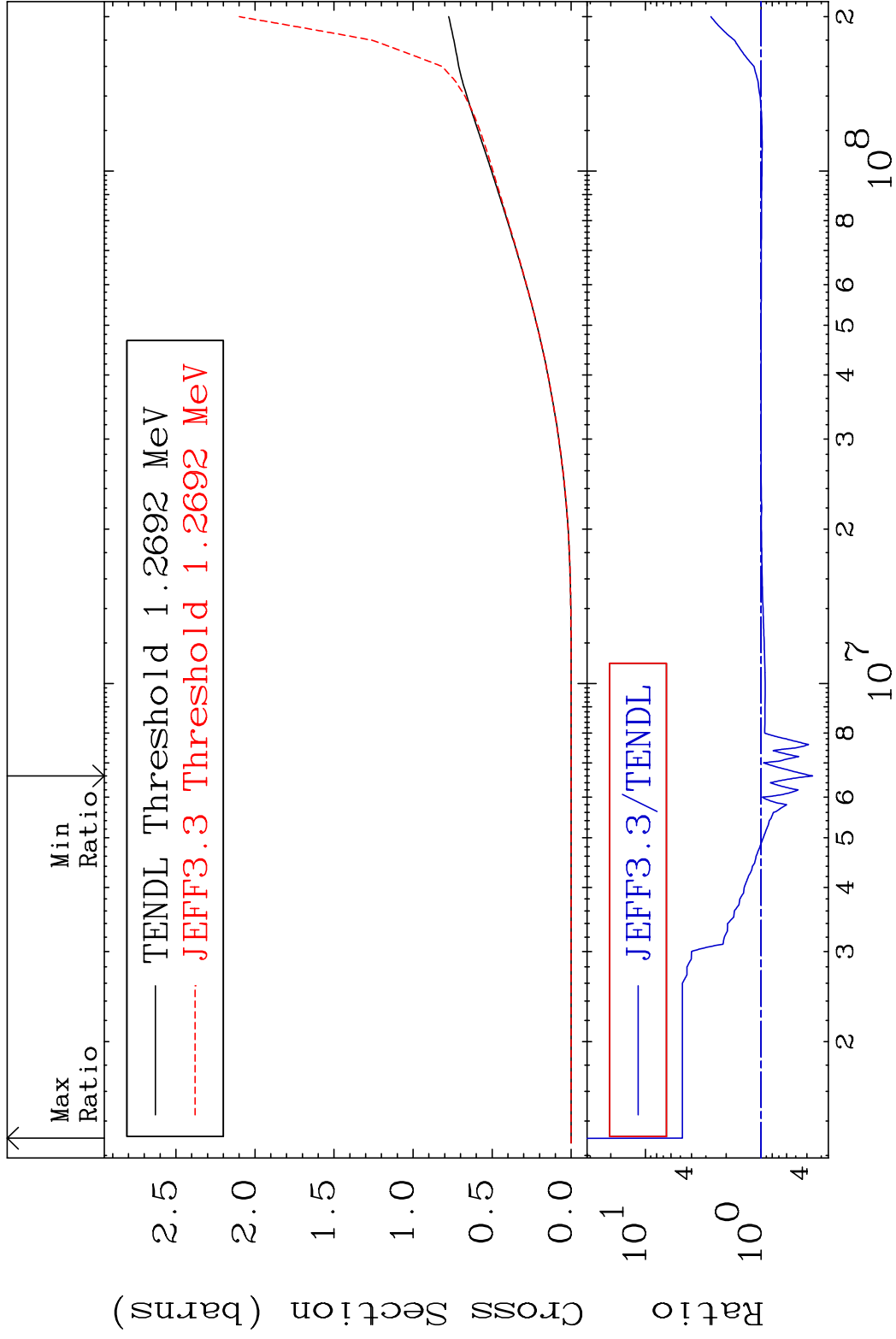
76-0s-191

MAT 7646

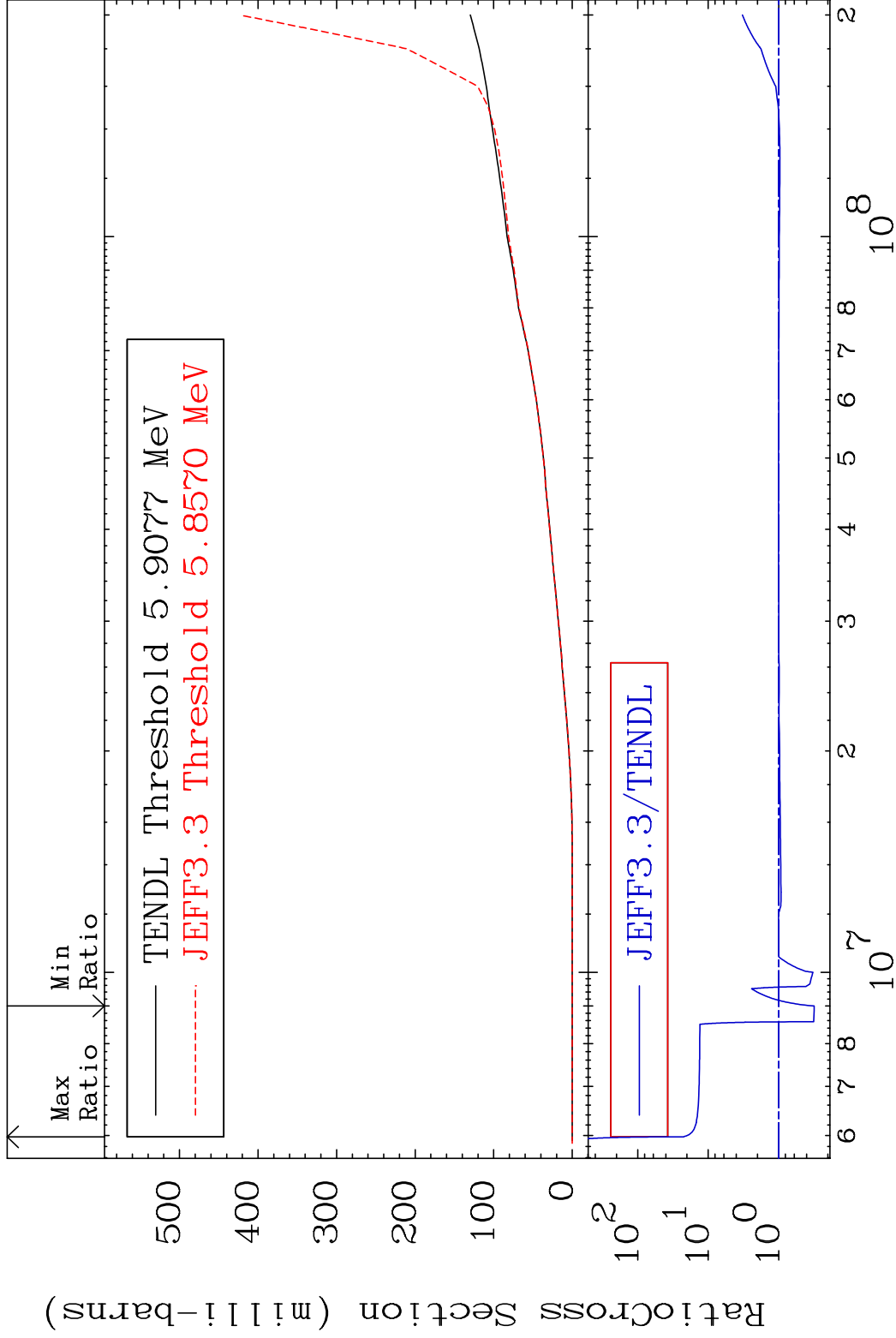
Hydrogen Production

76-0s-191

Cross Section -64.23 To 379.2 %



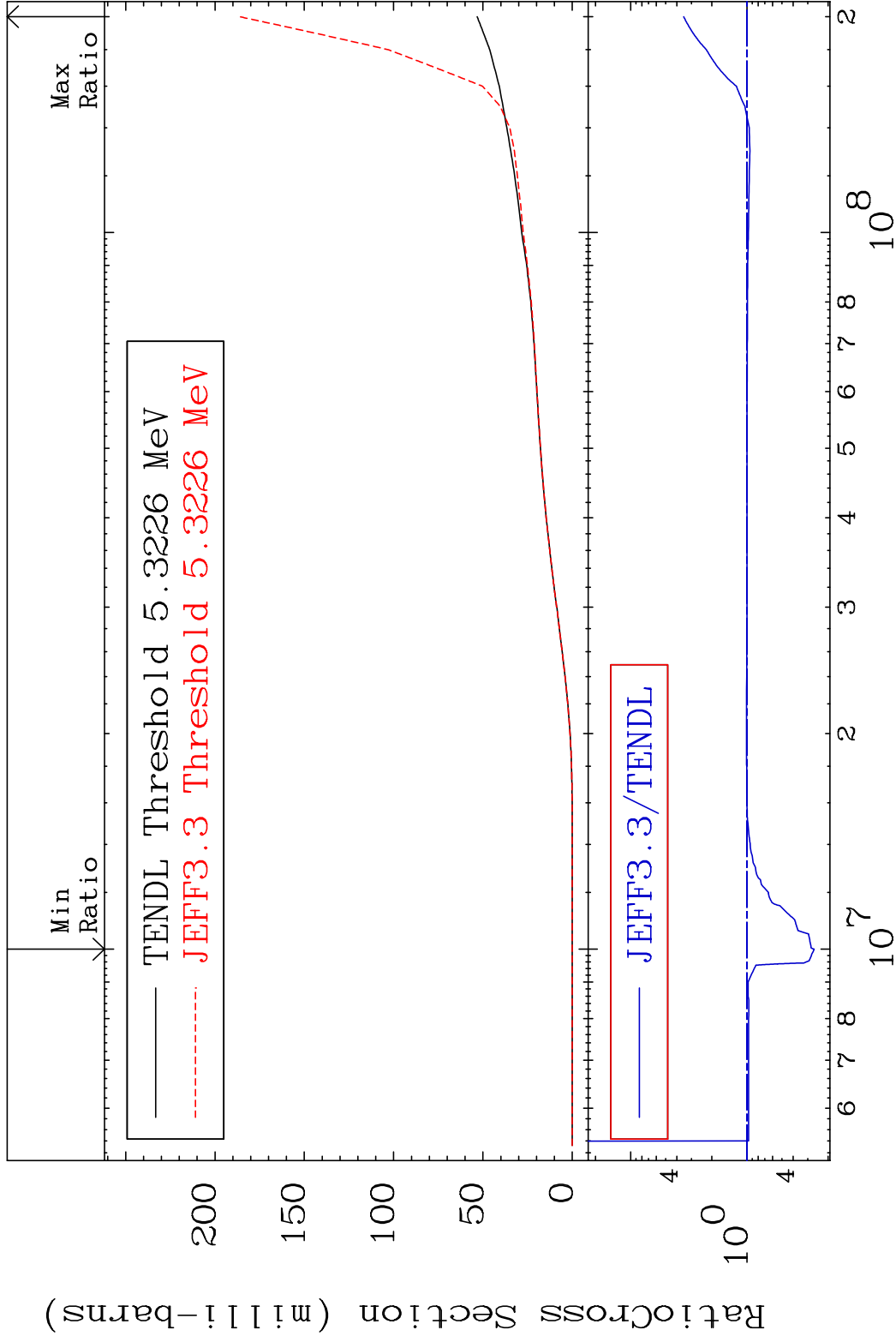
Cross Section -68.63 To 2129. %



MAT 7646

Tritium Production 76-0s-191

Cross Section -73.58 To 249.6 %



55

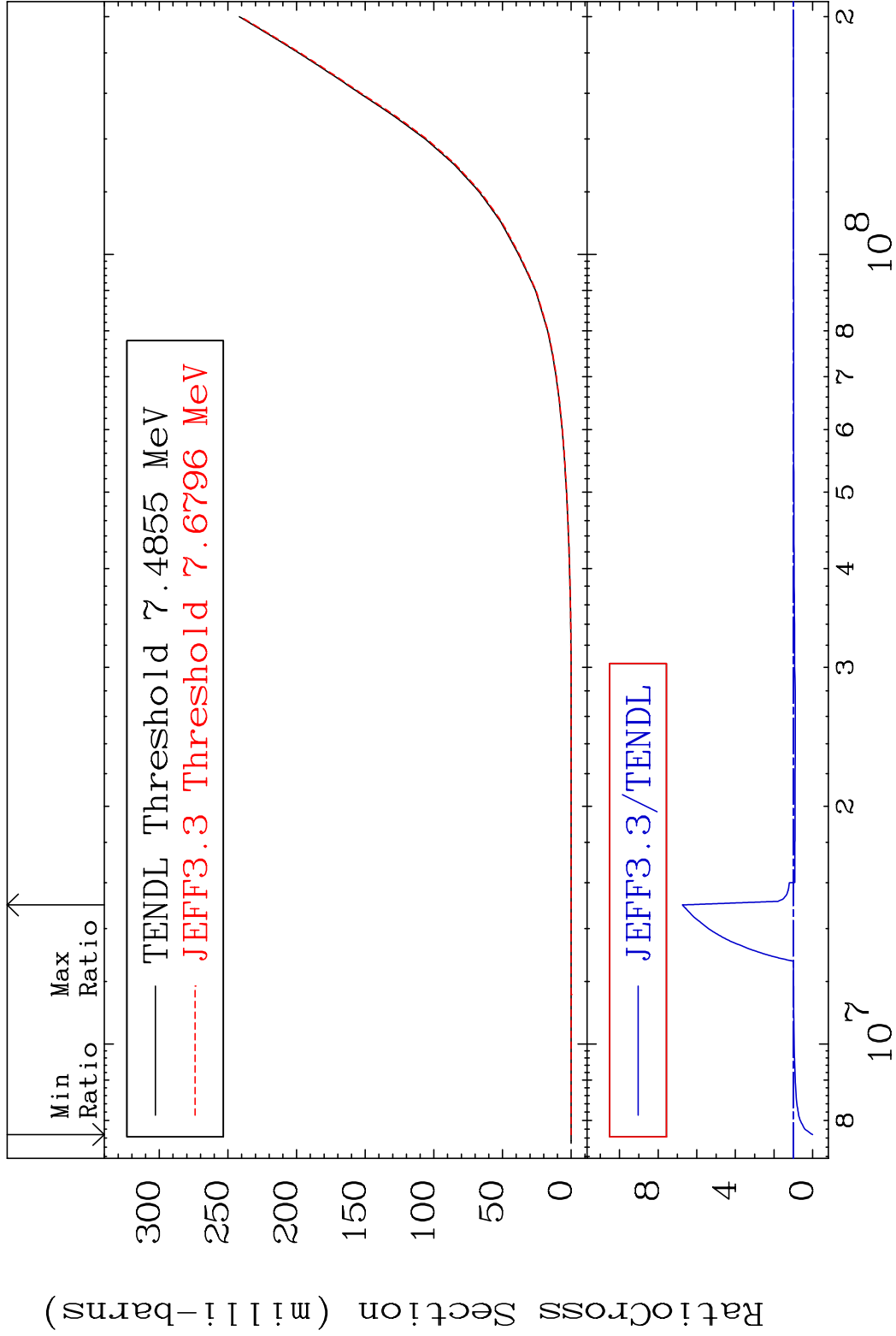
Incident Energy (eV) 76-0s-191

MAT 7646

He-3 Production

76-Os-191

Cross Section -100.0 To 574.5 %



56

Incident Energy (eV)

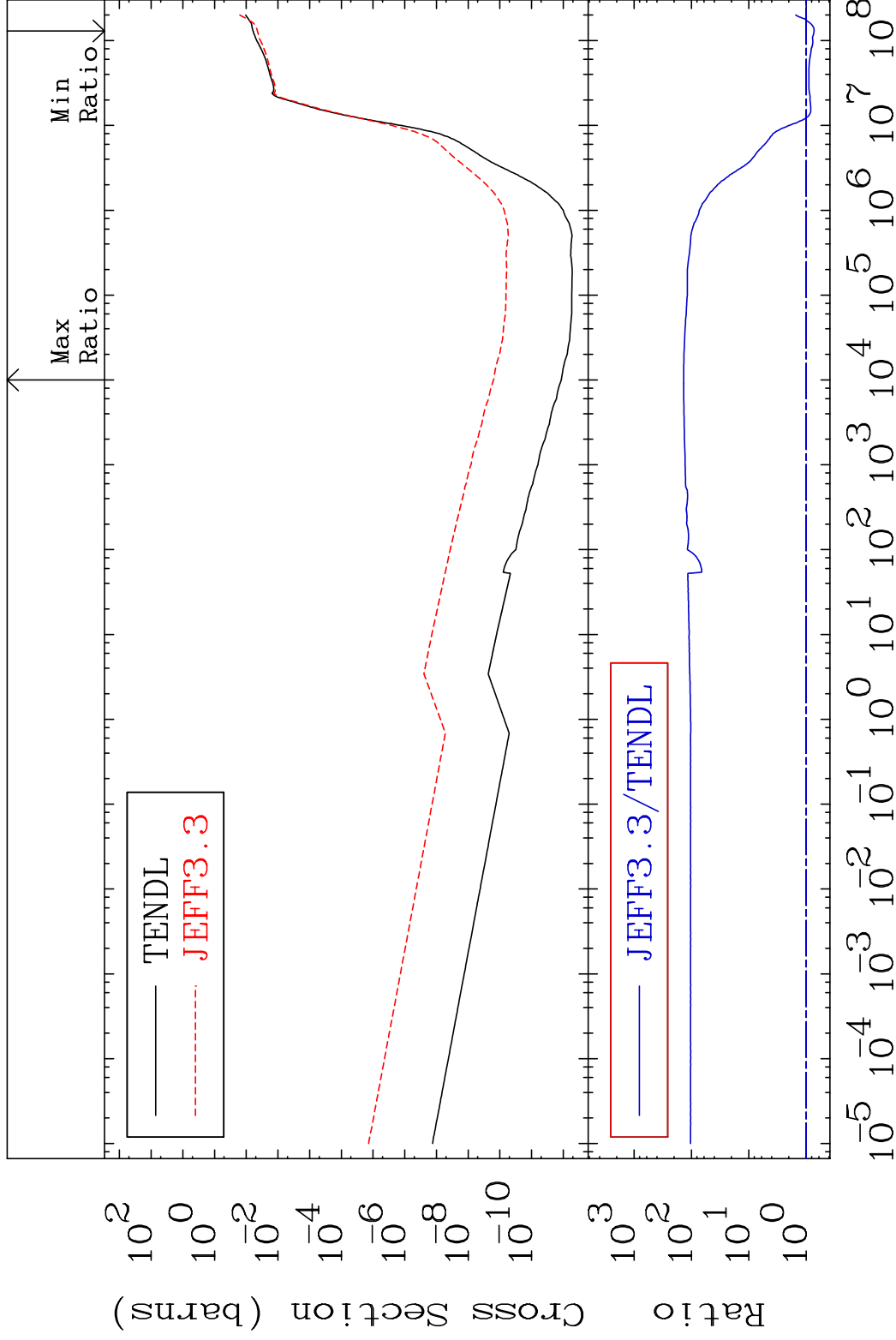
76-Os-191

MAT 7646

He-4 Production

76-0s-191

Cross Section -27.35 To 9999. %

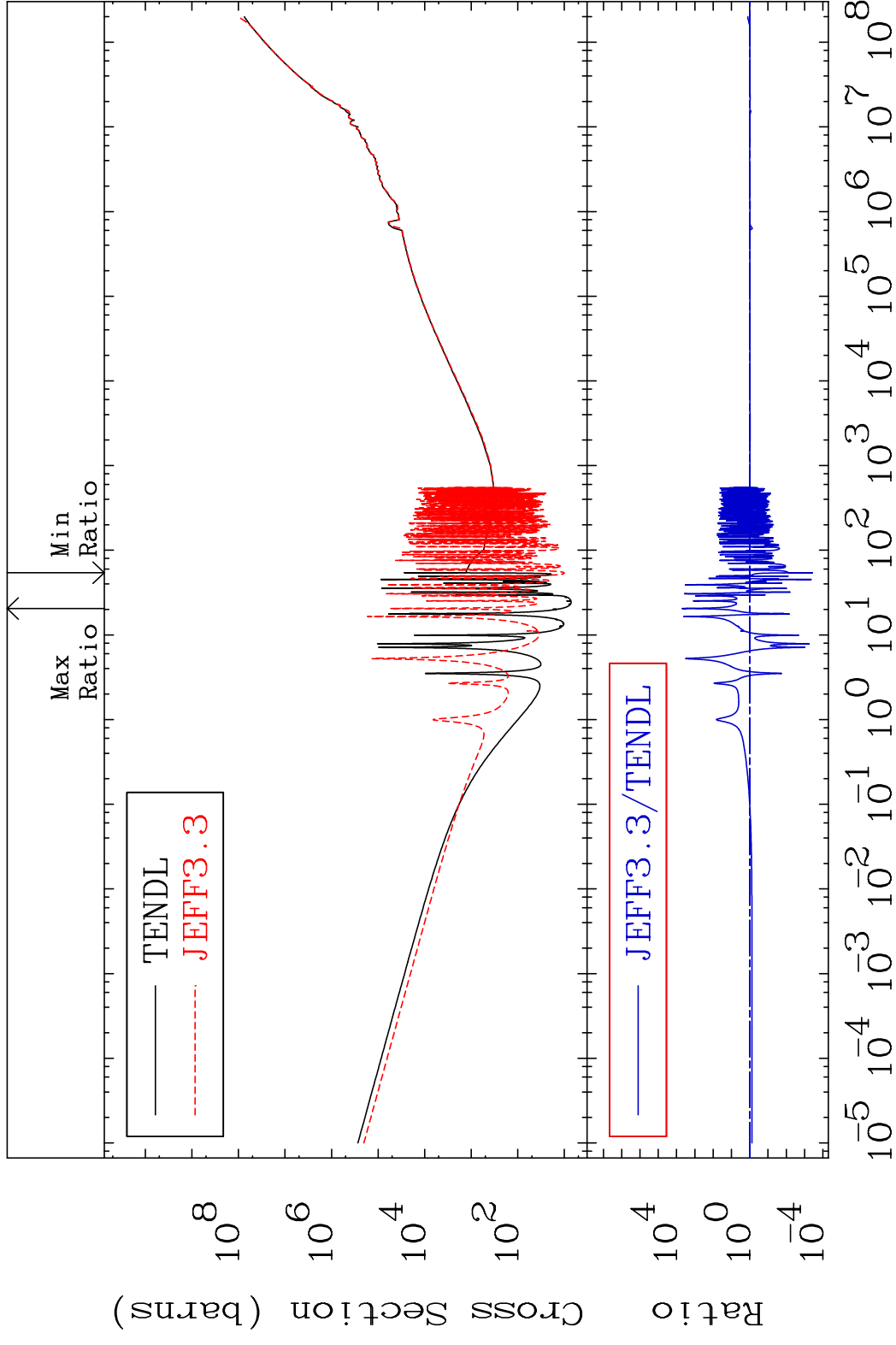


57

Incident Energy (eV)

76-0s-191

MAT 7646 Kerma total (eV-barns) 76-0s-191
 Cross Section -99.96 To 9999. %

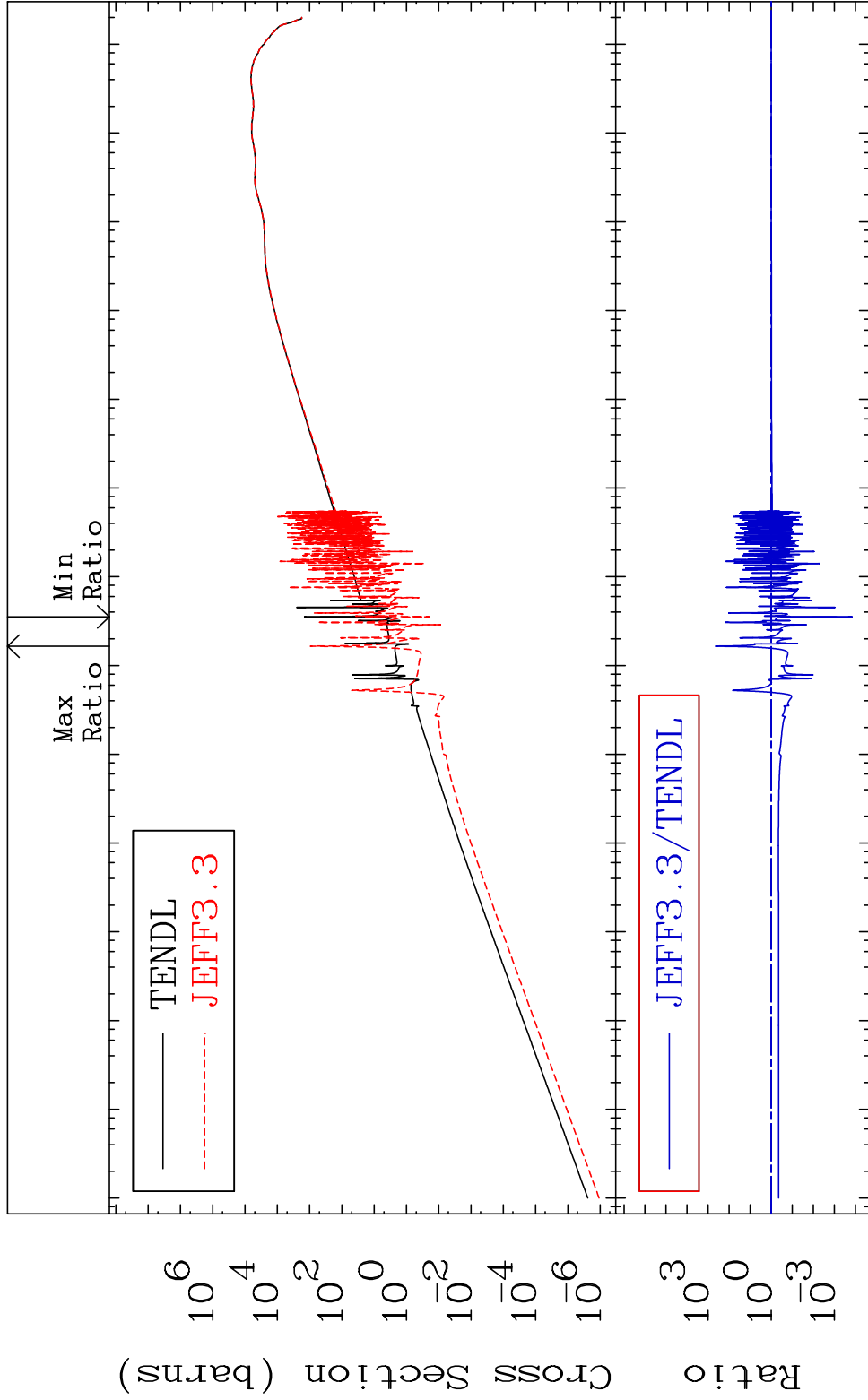


MAT 7646

Kerma elastic

76-0s-191

Cross Section -99.99 To 9999. %



Cross Section (barns)

Ratio

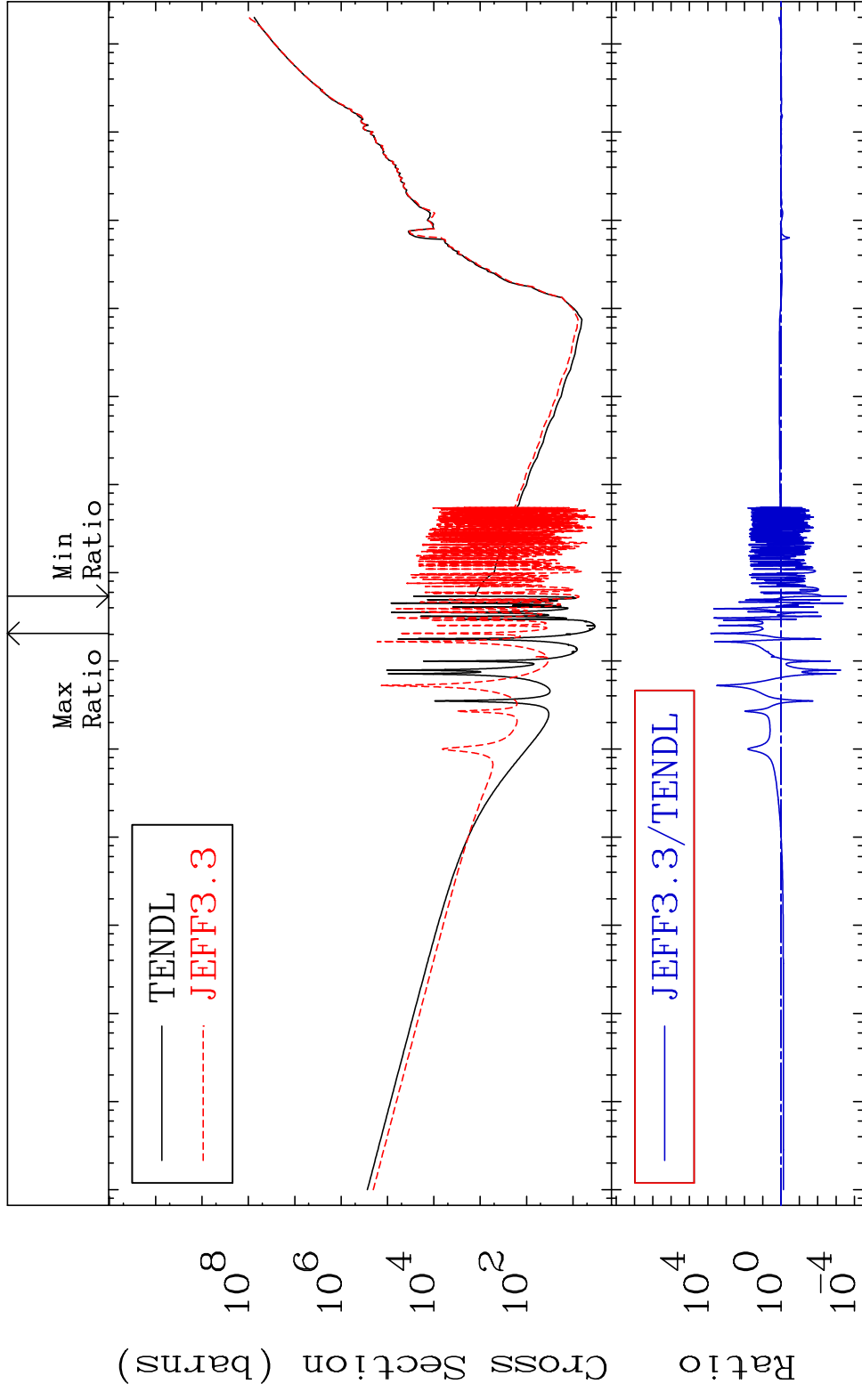
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

59

Incident Energy (eV)

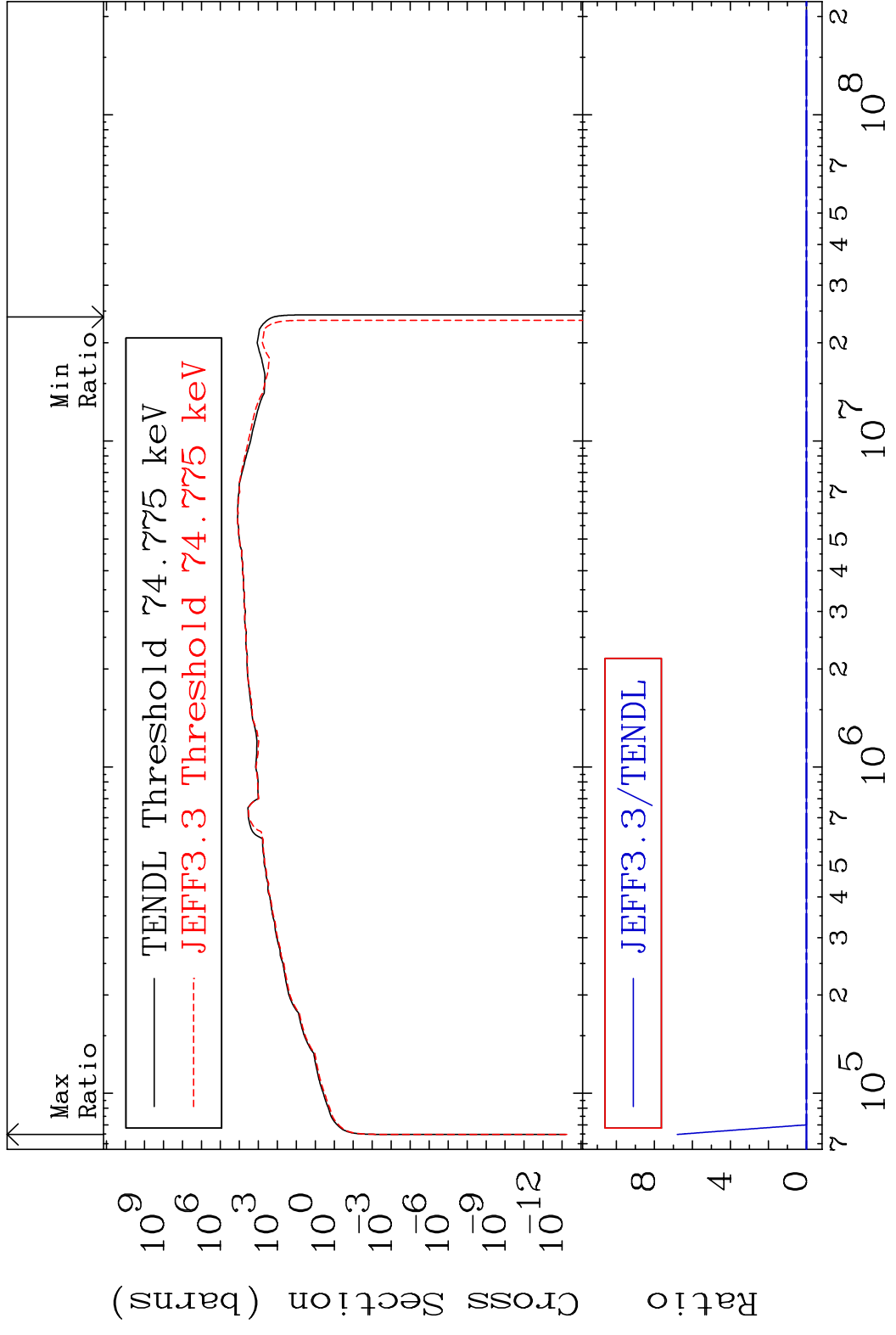
76-0s-191

MAT 7646 Kerma non-elastic (all but mt2) 76-Os-191
 Cross Section -99.97 To 9999. %

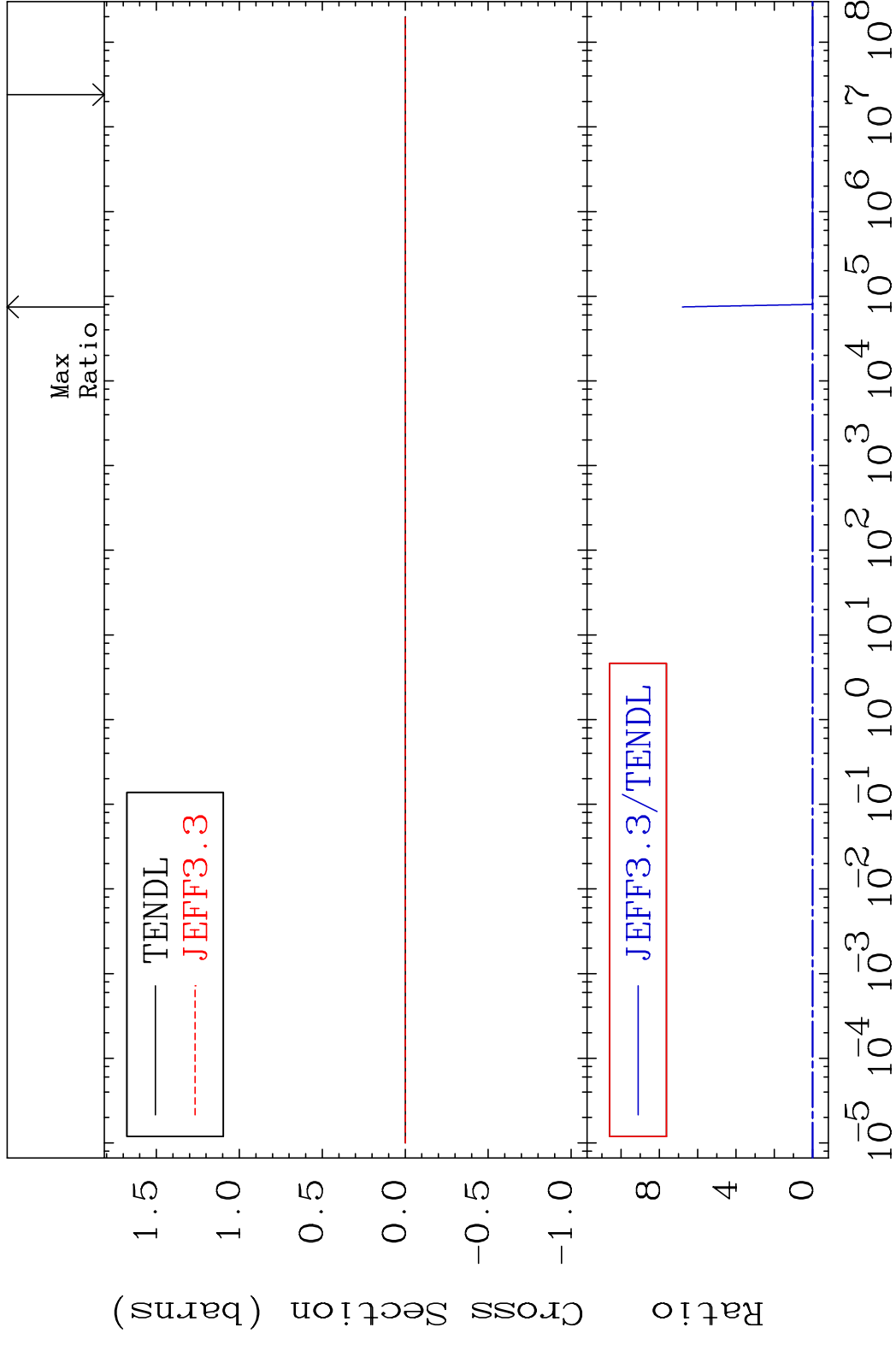


60 Incident Energy (eV) 76-Os-191

MAT 7646 Kerma inelastic (mt51-91) 76-Os-191
 Cross Section -213.1 To 9999. %

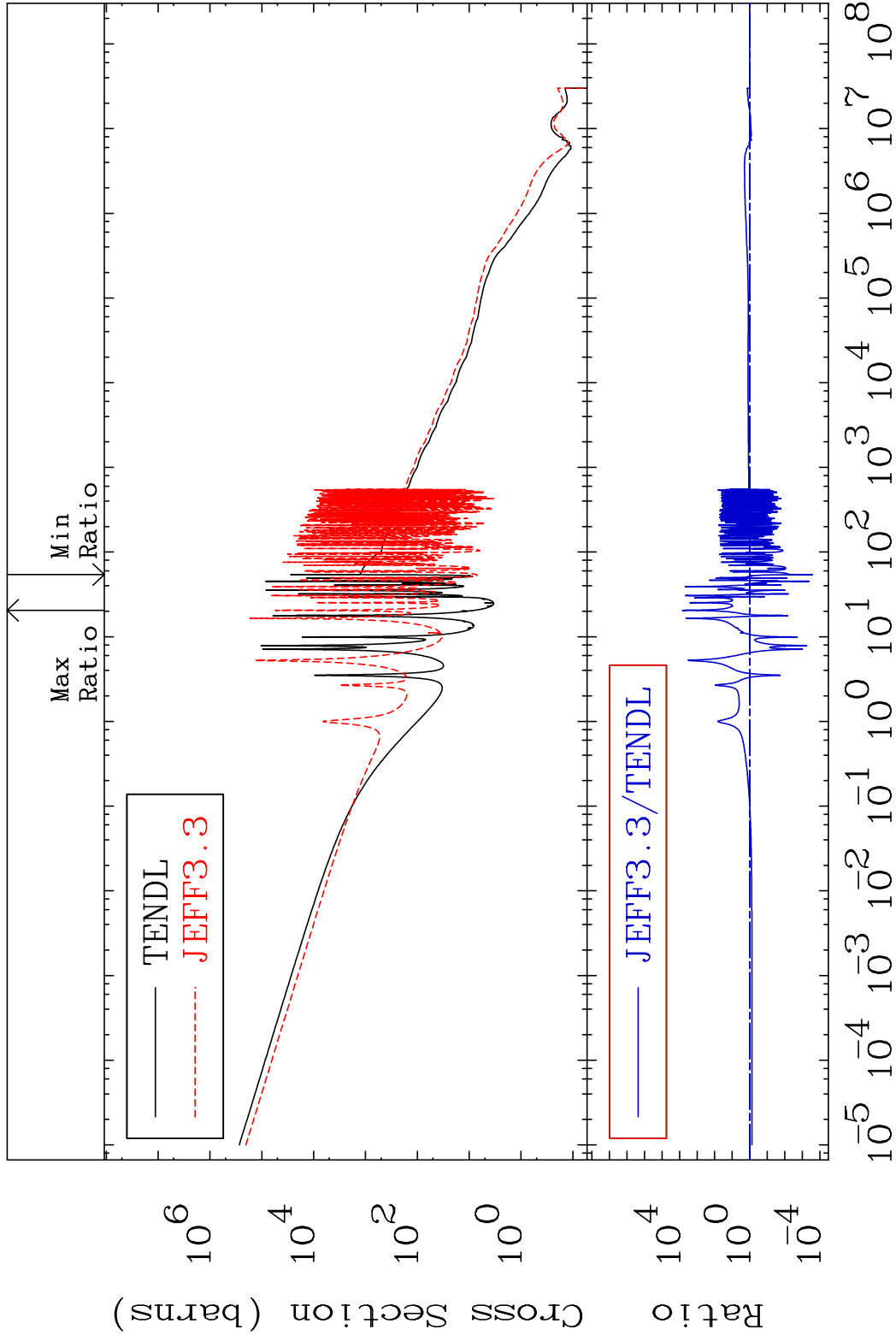


MAT 7646 Kerma fission (mt18 or mt19-20-21-38)76-0s-191
 Cross Section -213.1 To 9999. %



MAT 7646

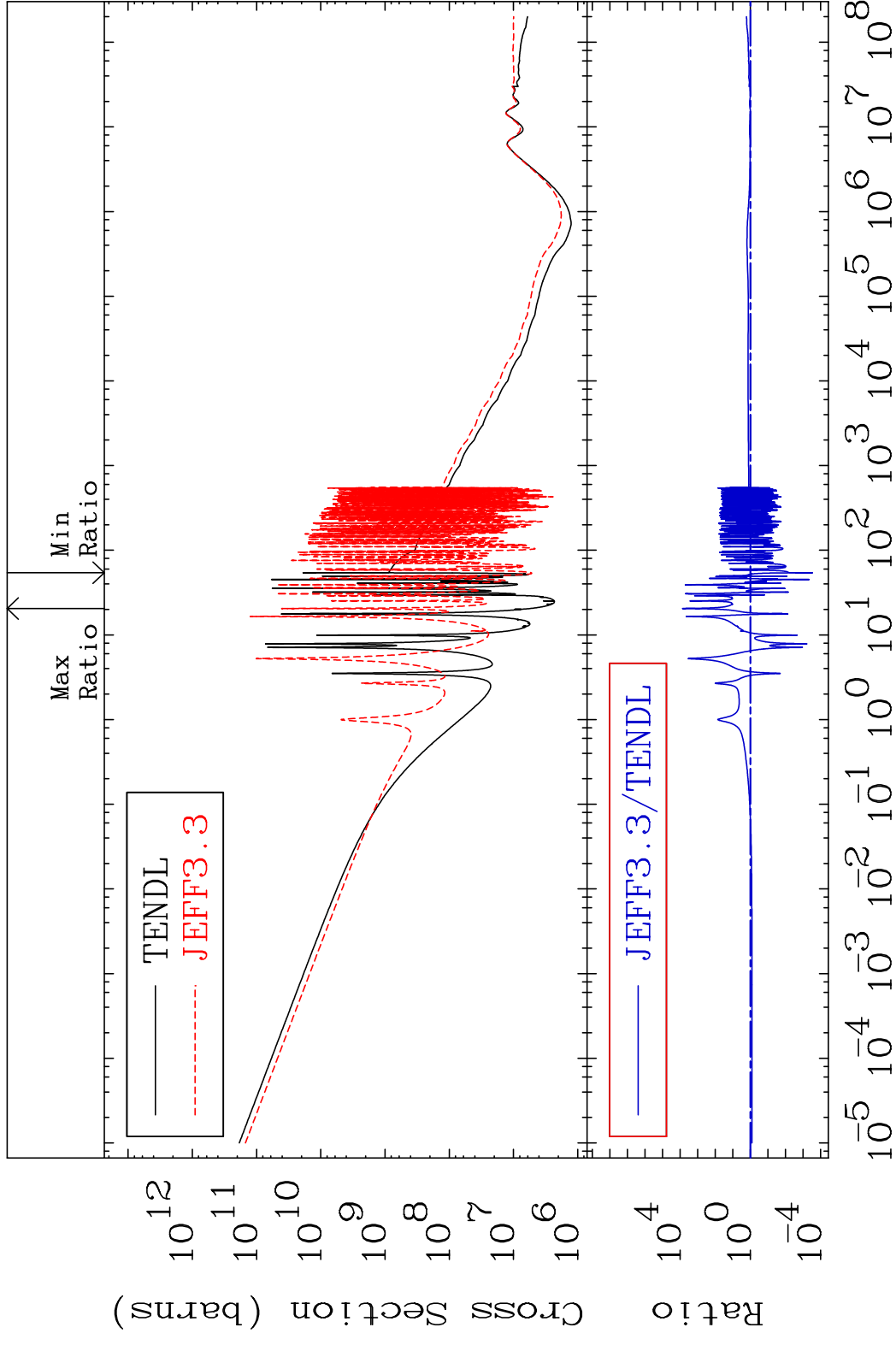
Kerma capture (mt102) 76-0s-191
Cross Section -99.97 To 9999. %



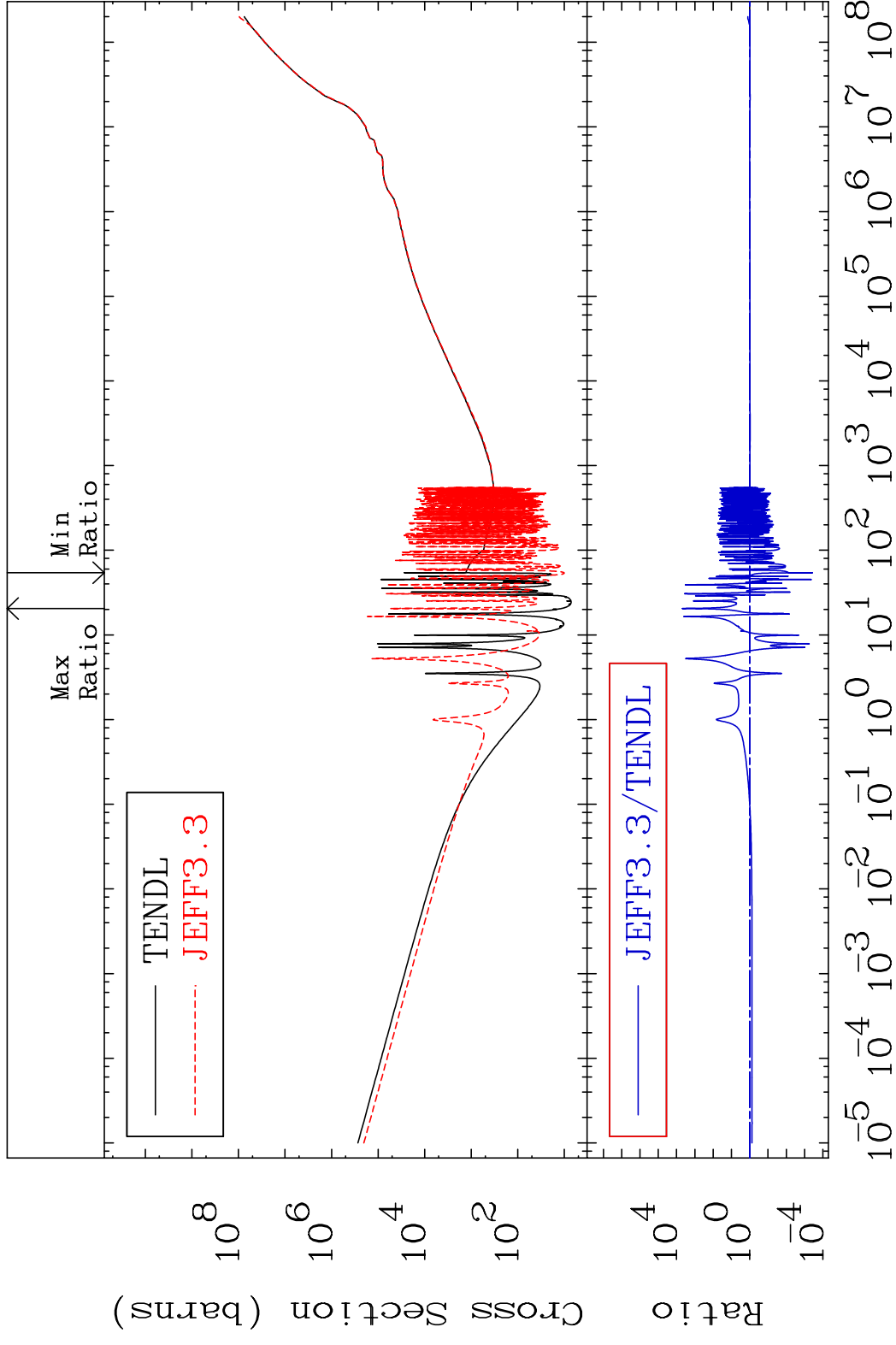
63

Incident Energy (eV) 76-0s-191

MAT 7646 Total photon (eV-barns) 76-0s-191
 Cross Section -99.97 To 9999. %



MAT 7646 Total kinematic kerma (high limit) 76-0s-191
 Cross Section -99.96 To 9999. %

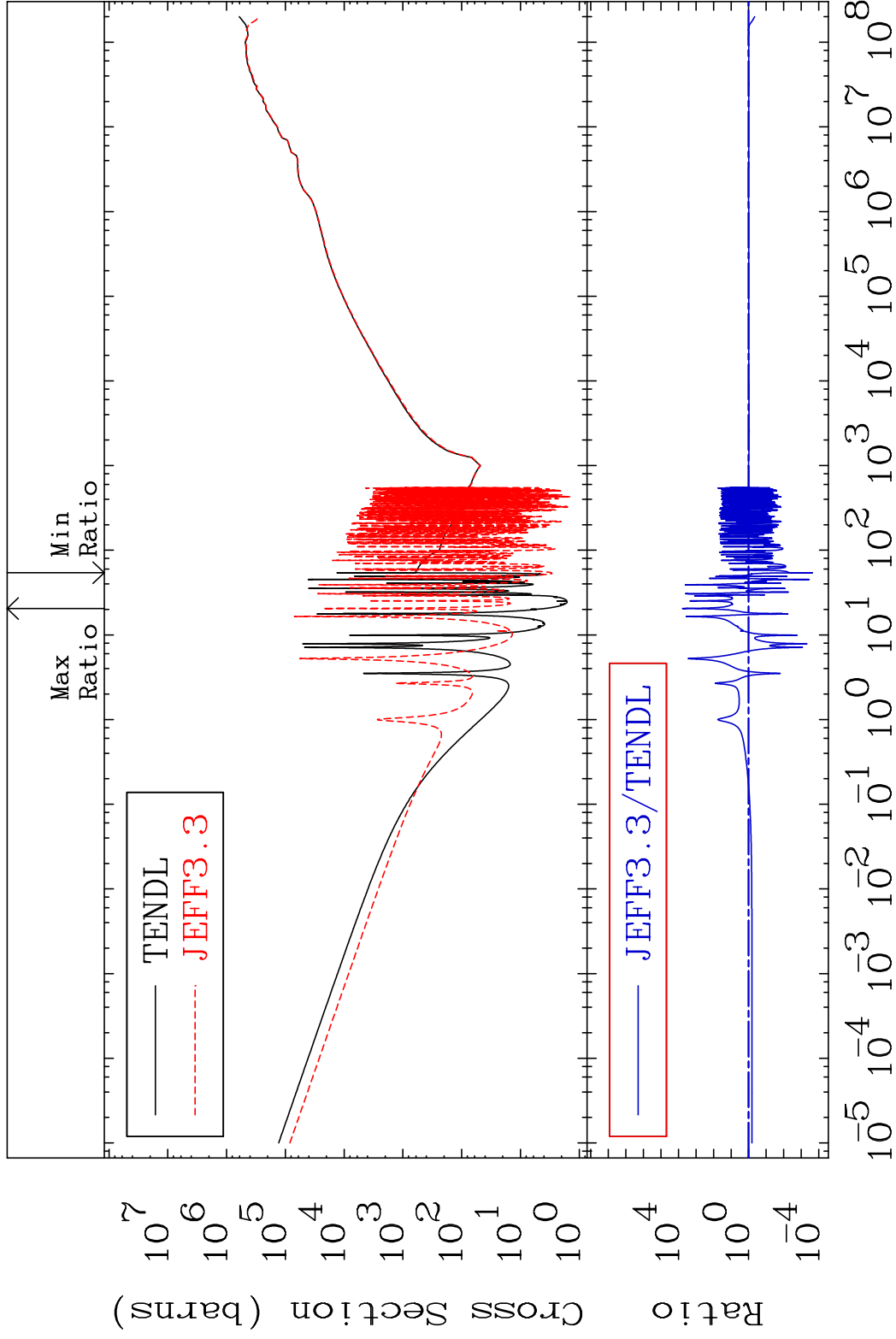


MAT 7646

Dpa total (eV-barns)

76-0s-191

Cross Section -99.98 To 9999. %



66

Incident Energy (eV)

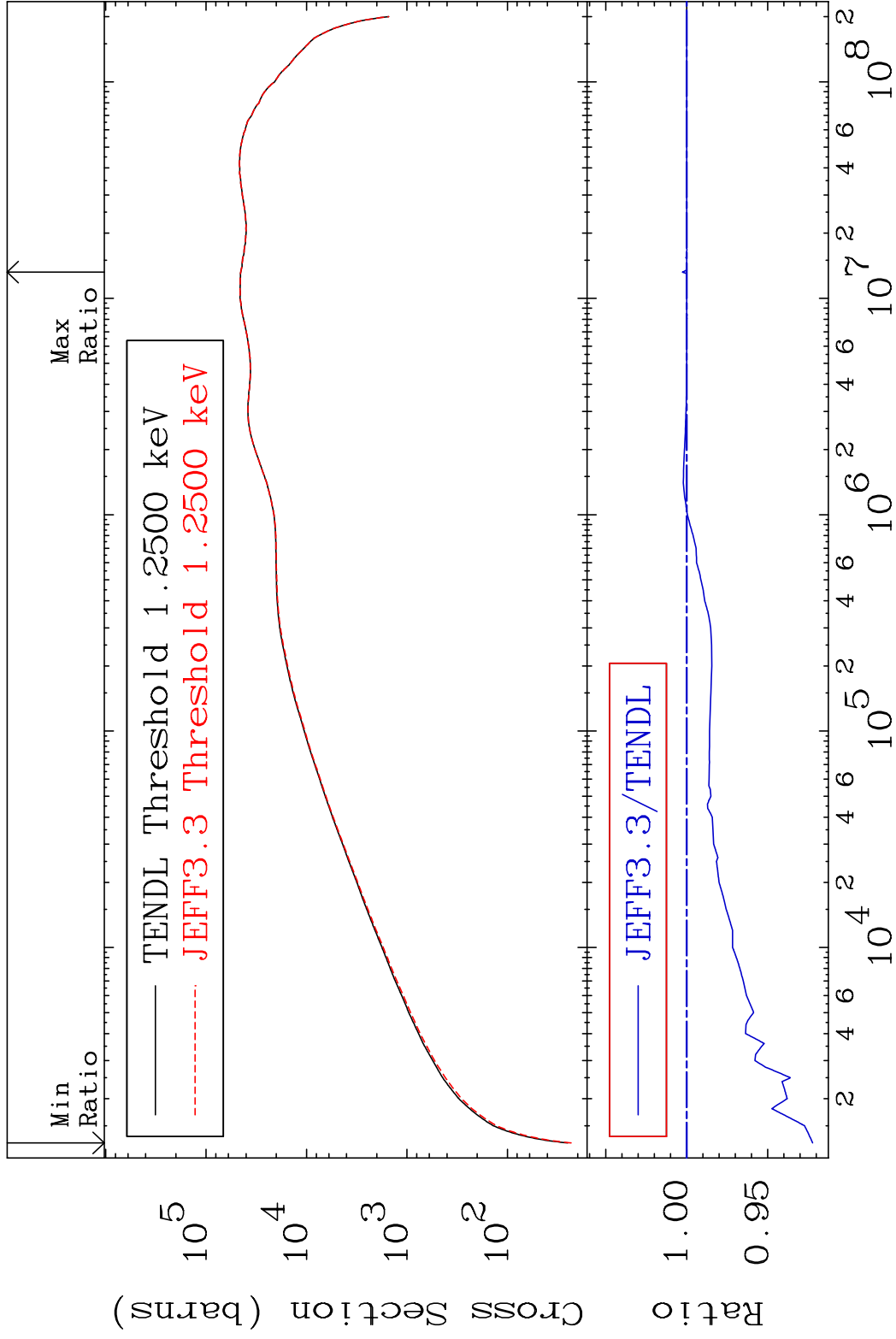
76-0s-191

MAT 7646

Dpa elastic (mt2)

76-0s-191

Cross Section -7.769 To 0.269 %

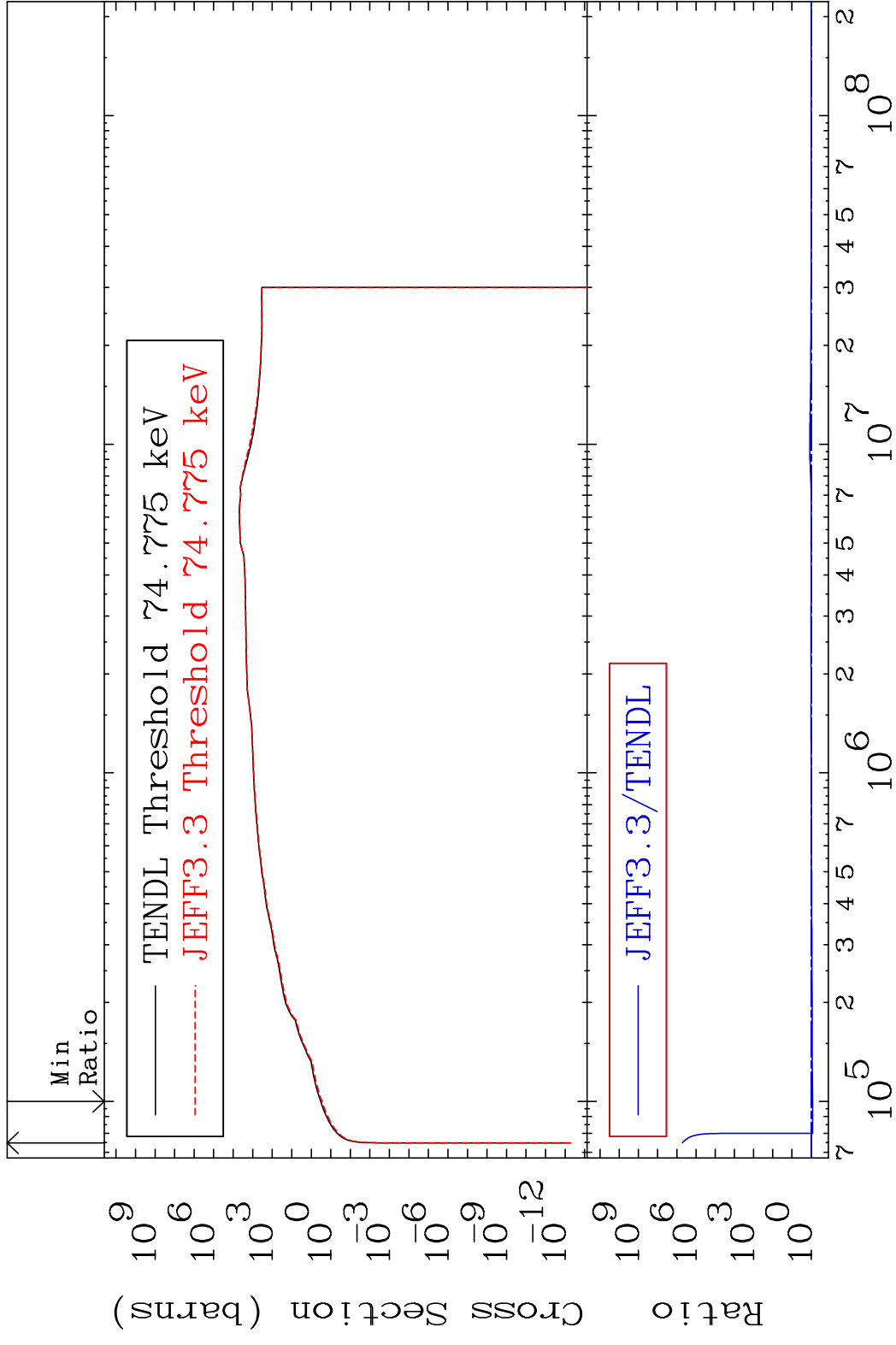


67

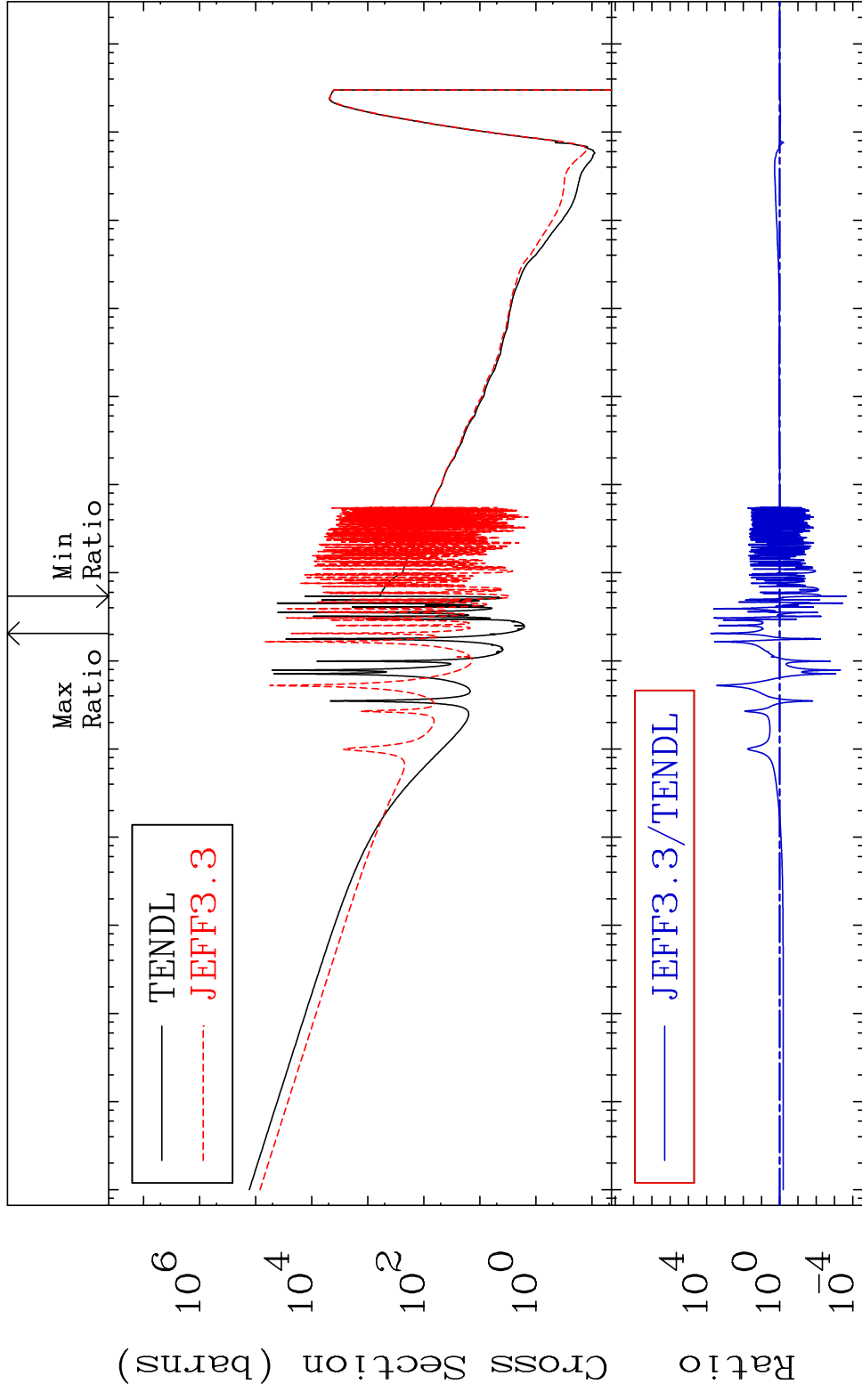
Incident Energy (eV)

76-0s-191

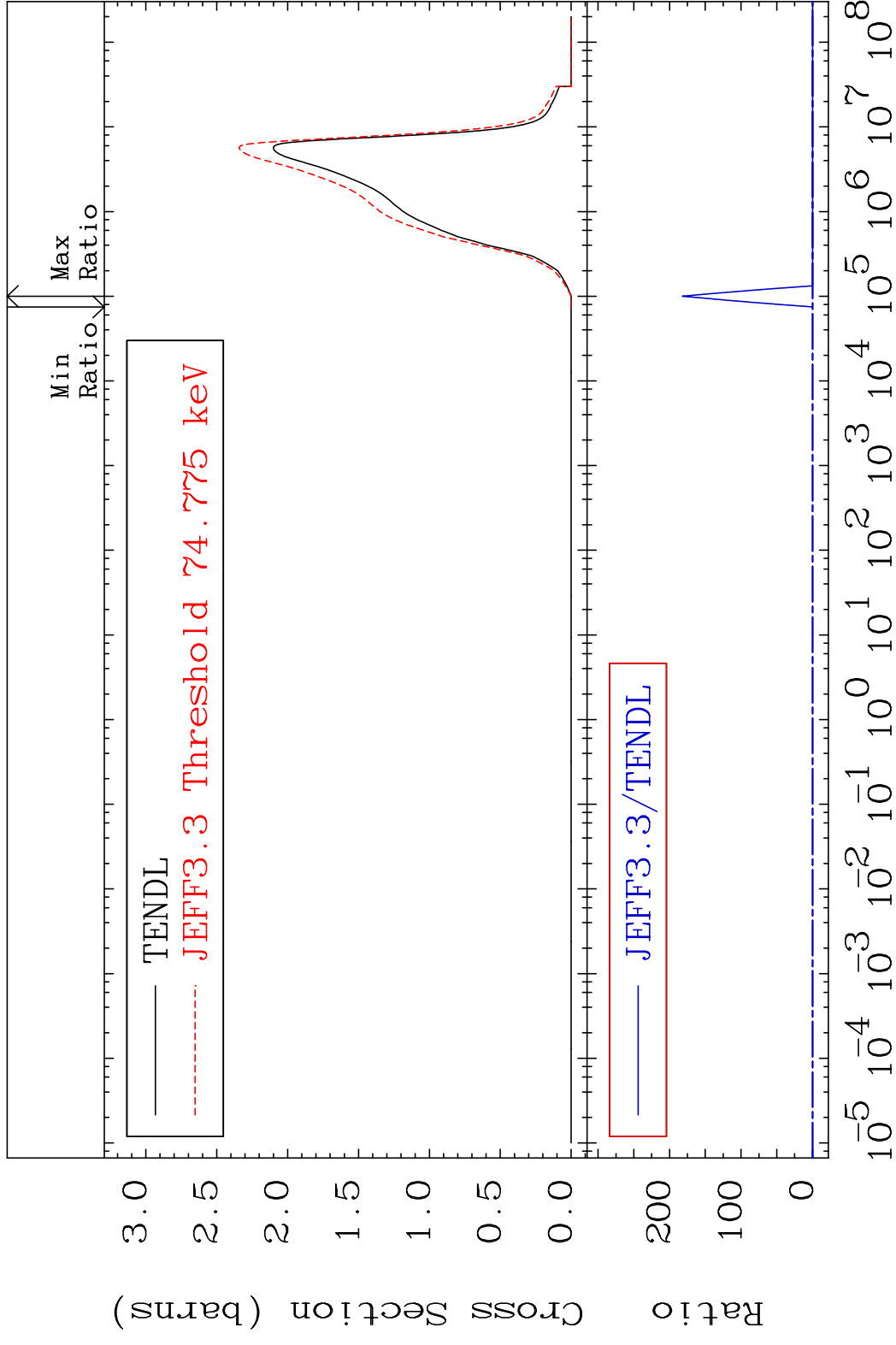
MAT 7646 Dpa inelastic (mt51-91) 76-Os-191
 Cross Section -15.62 To 9999. %

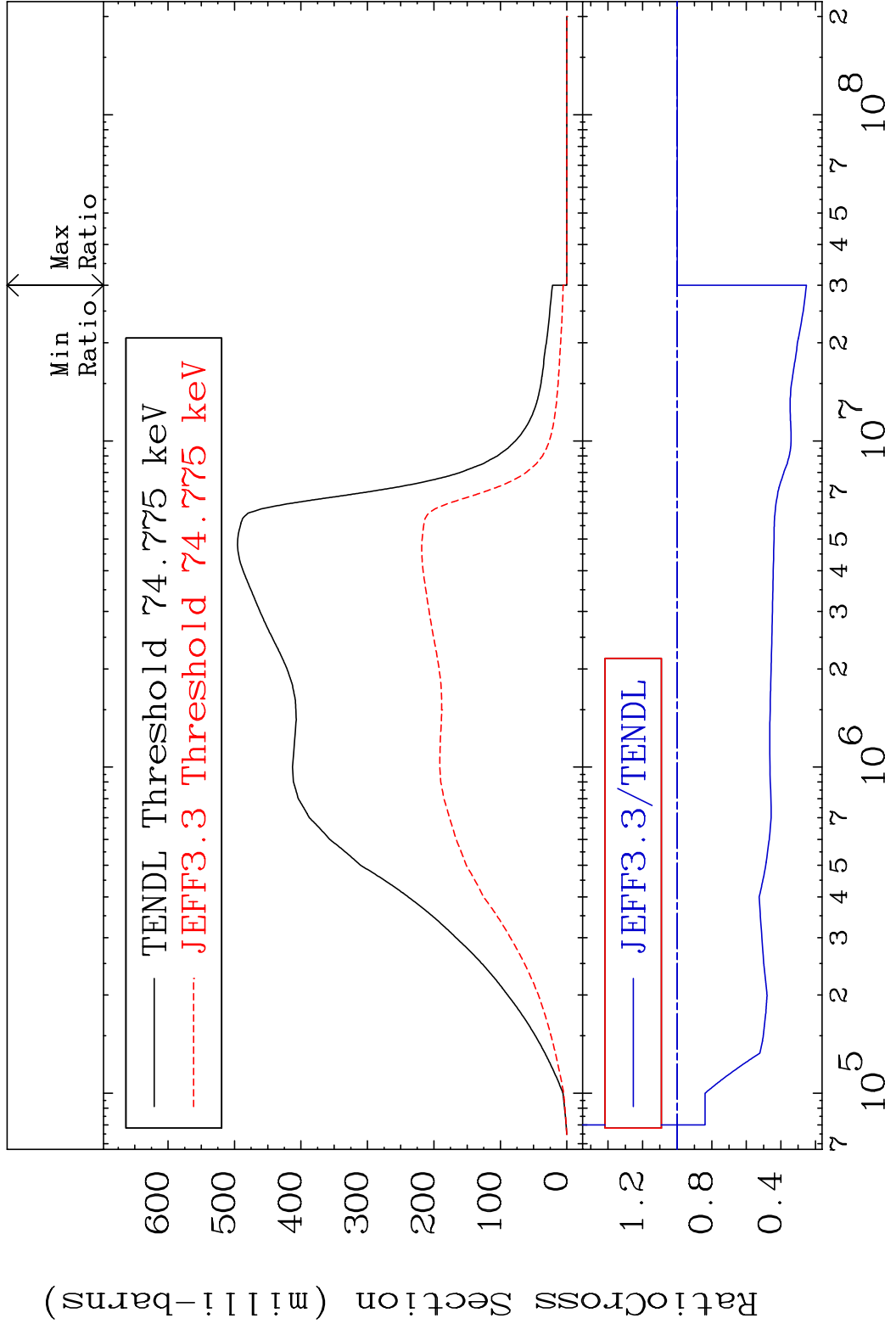


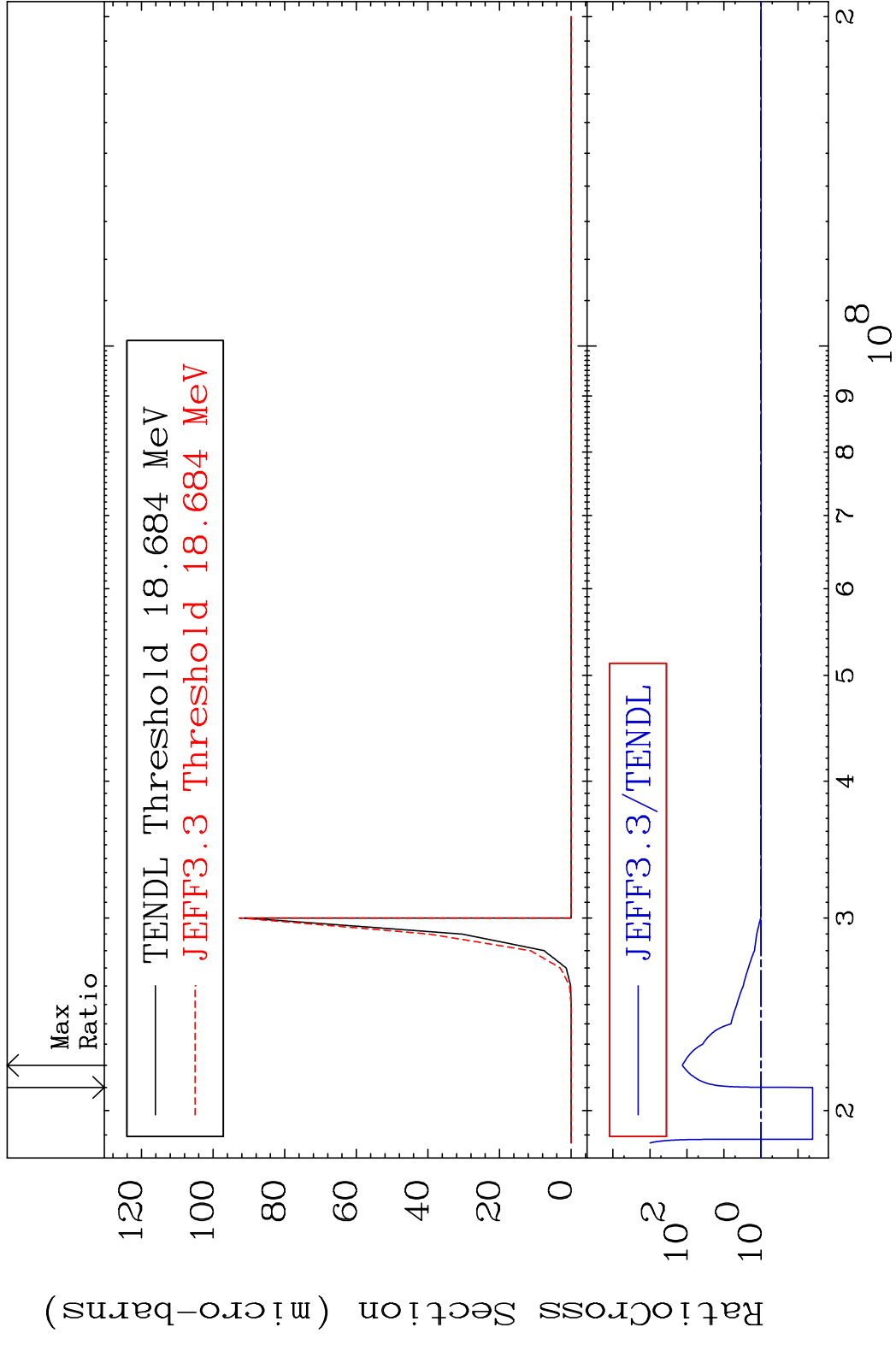
MAT 7646 Dpa disappearance (mt102 -120) 76-0s-191
 Cross Section -99.98 To 9999. %



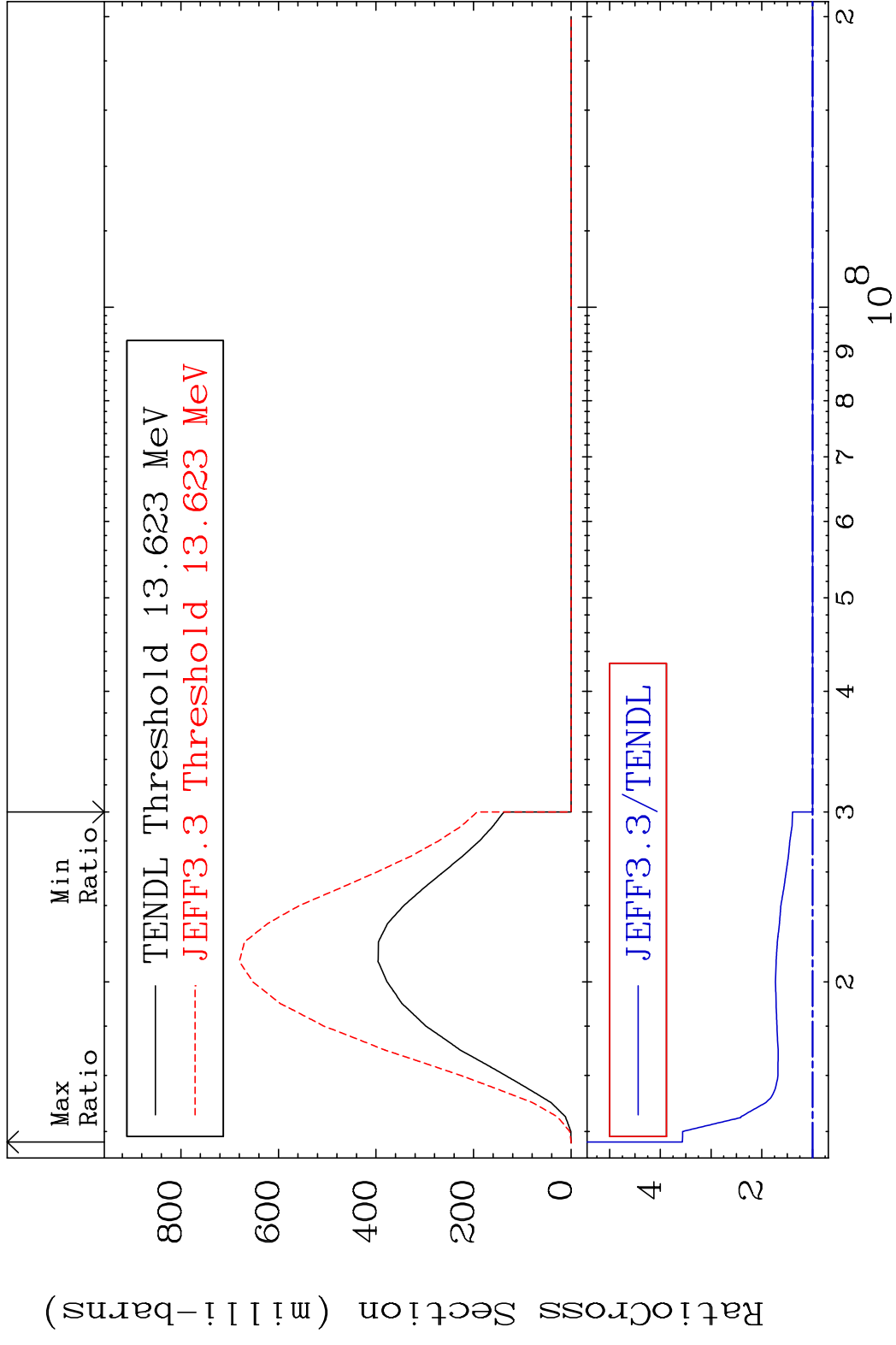
69 Incident Energy (eV) 76-0s-191



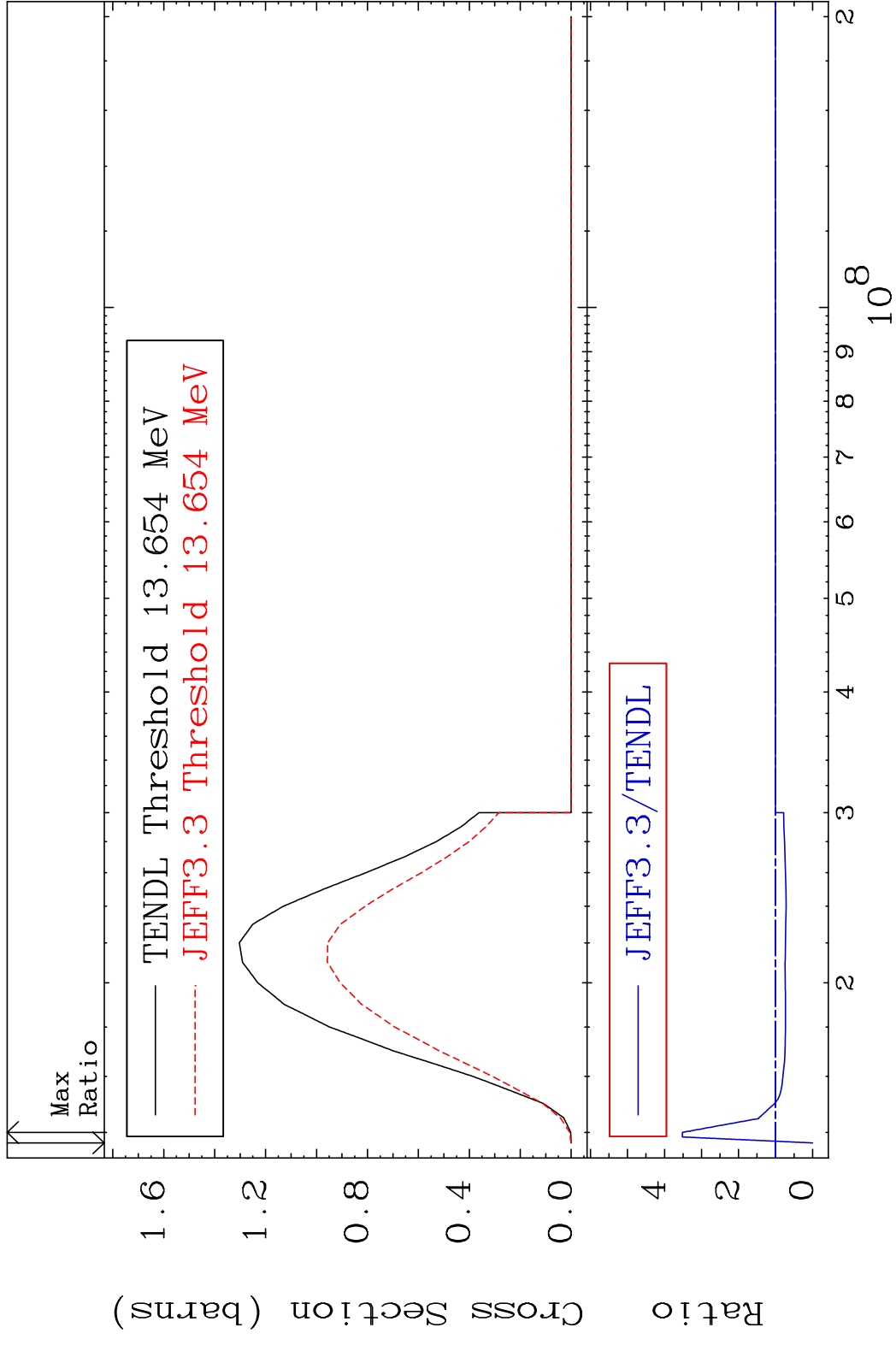


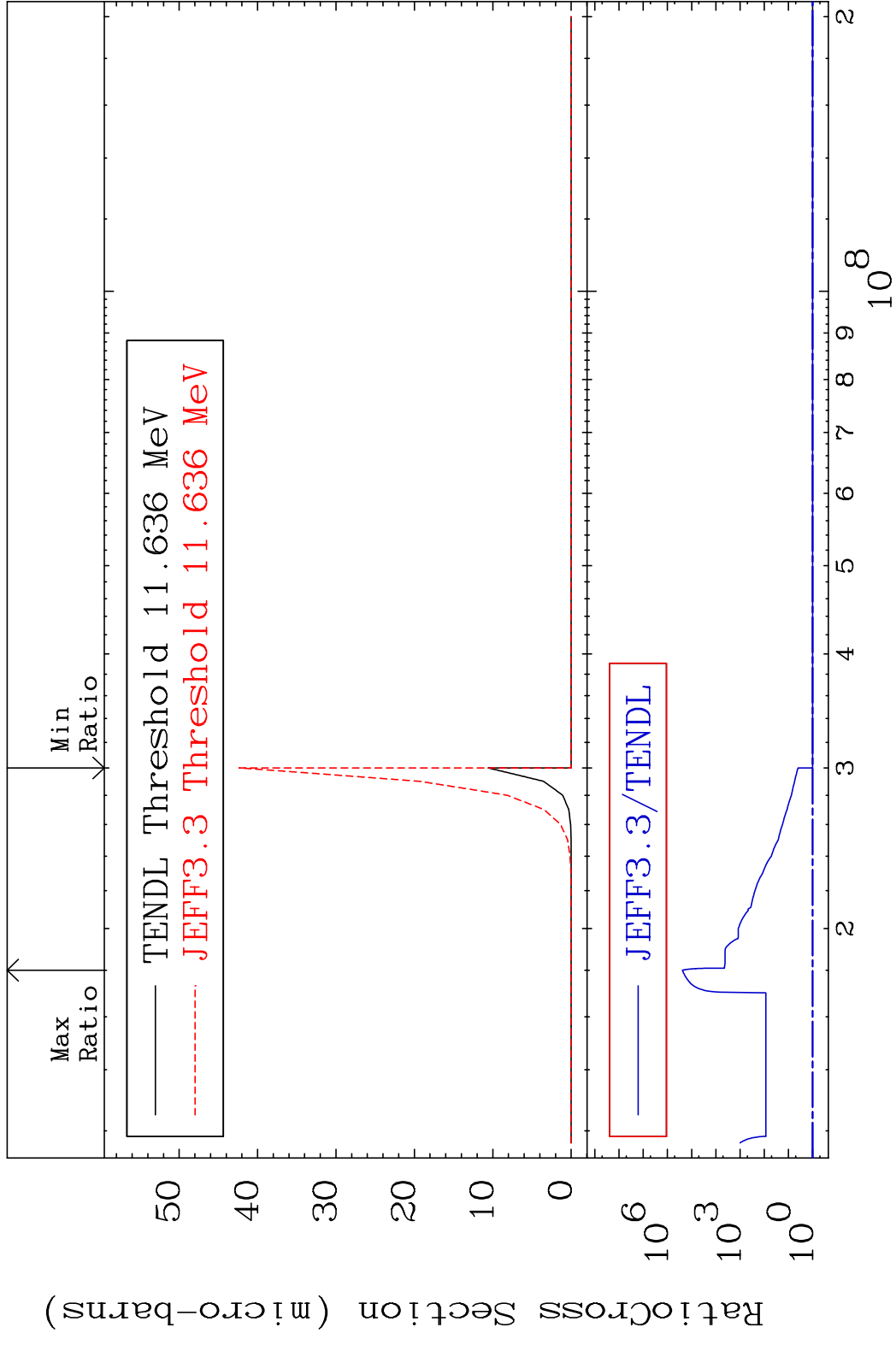


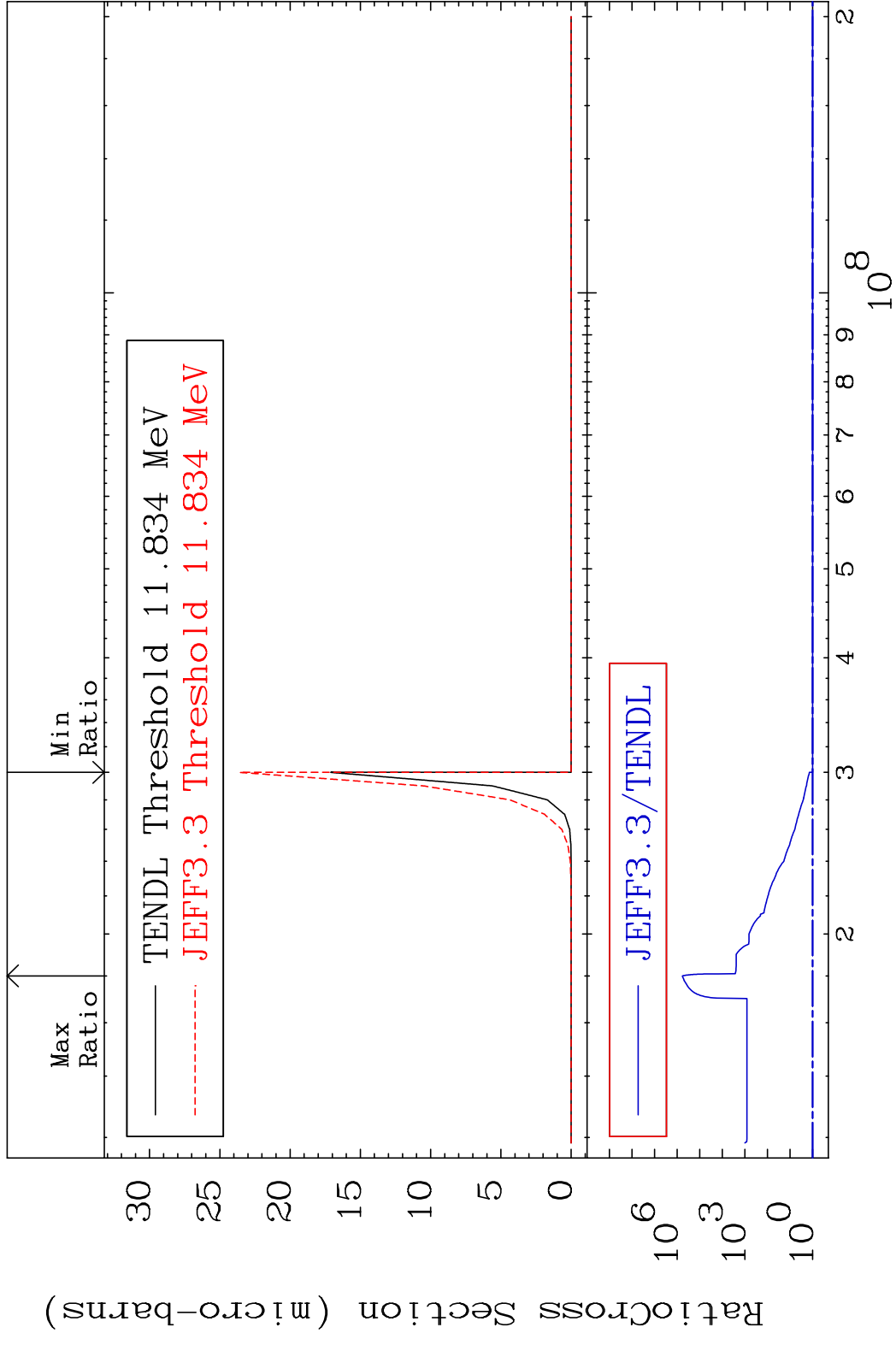
MAT 7646 (n,3n):76-0s-189g 76-0s-191
 Radionuclide Production Cross Section 256.6 %

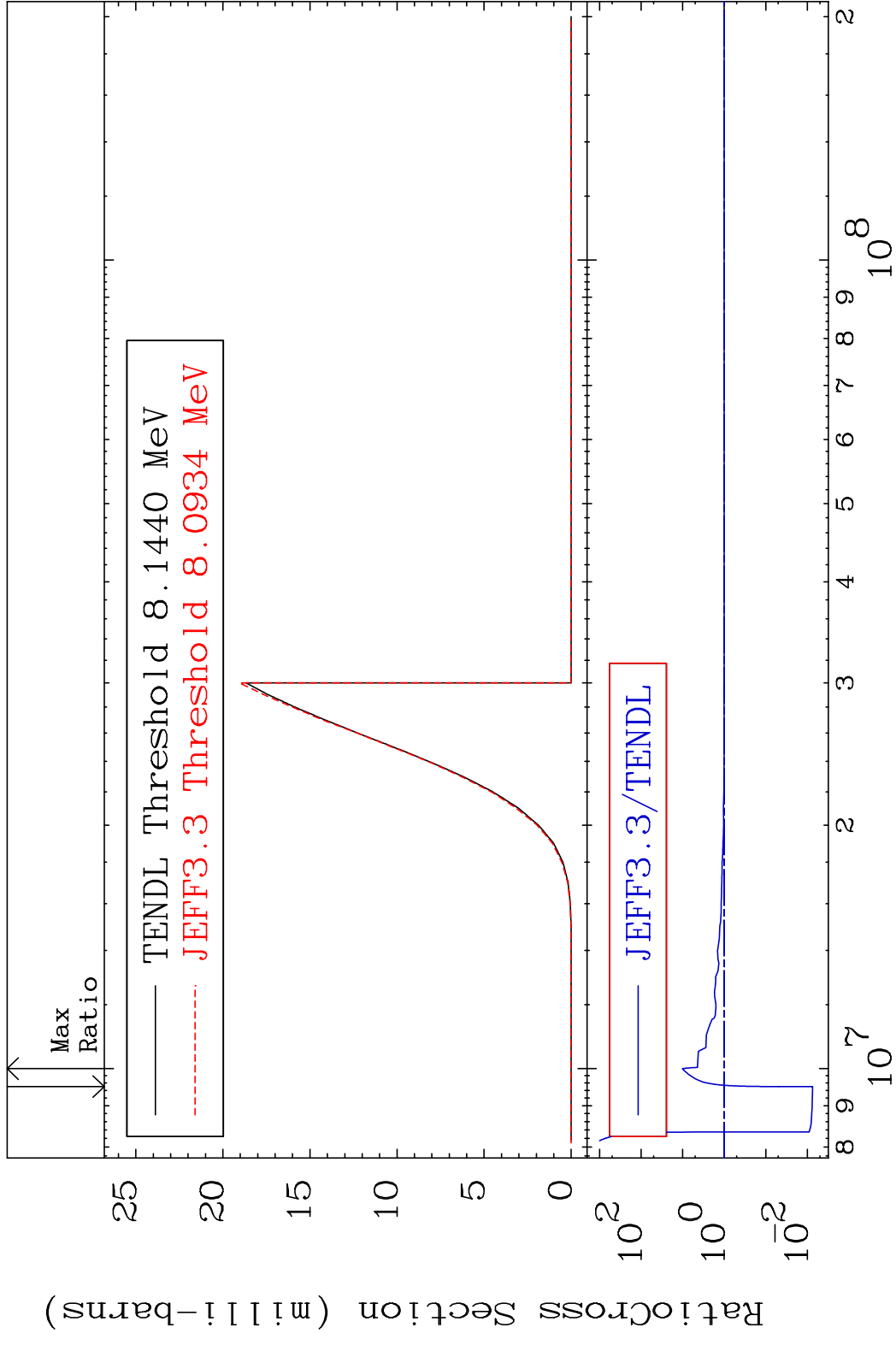


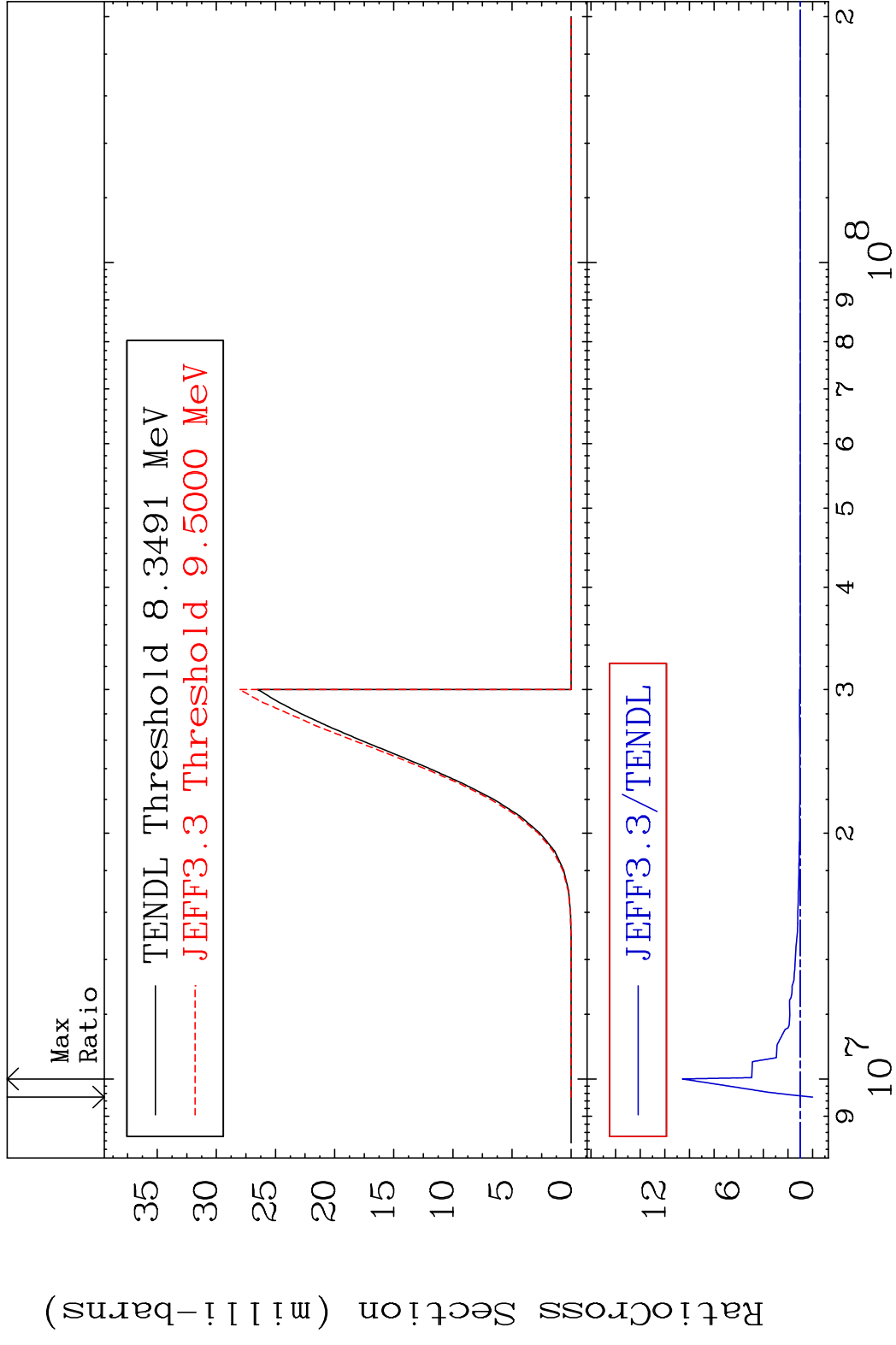
MAT 7646 (n, 3n): 76-0s-189m1 76-0s-191
 Radionuclide Production Cross Section Ratio 251.8 %

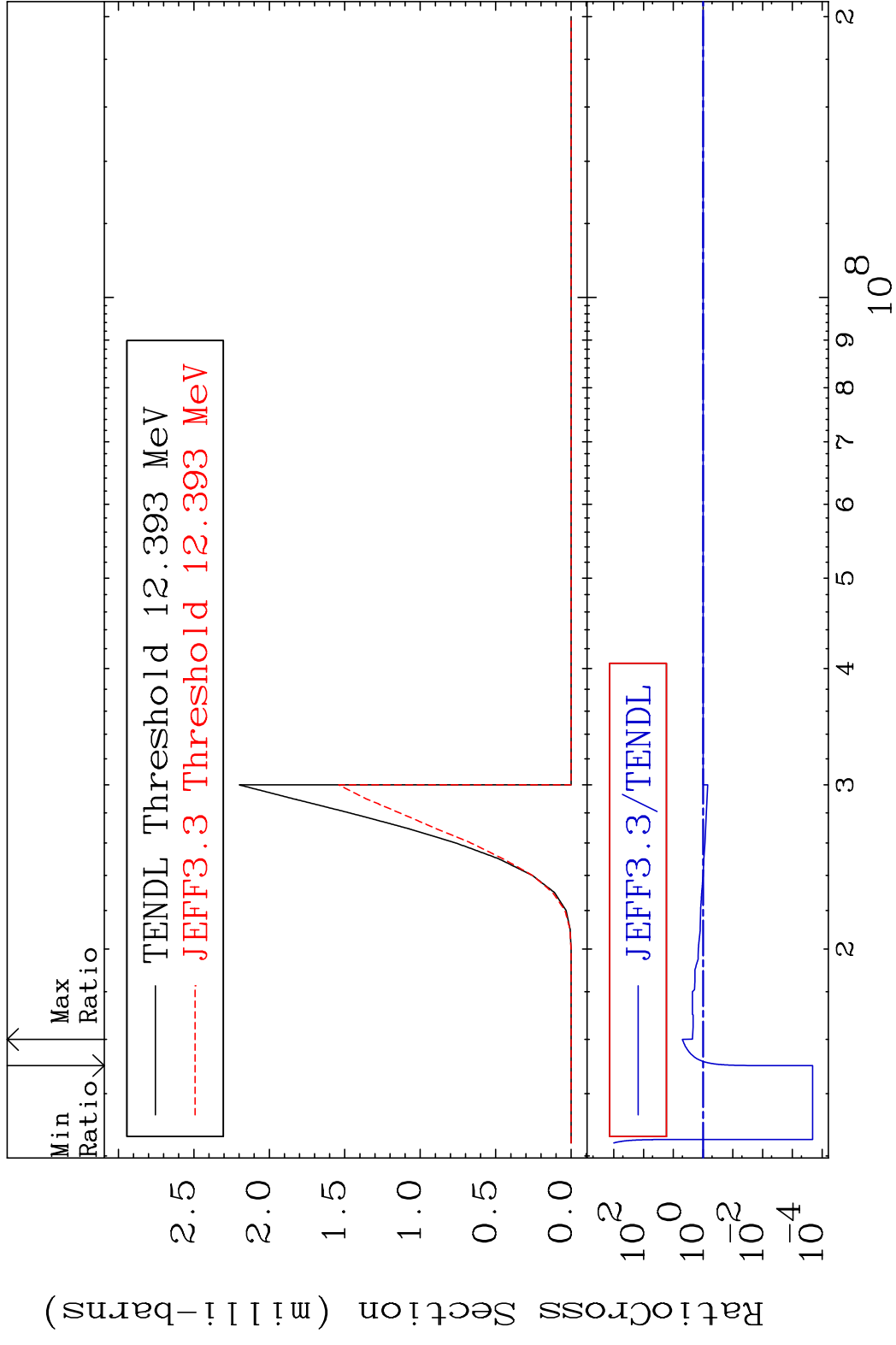


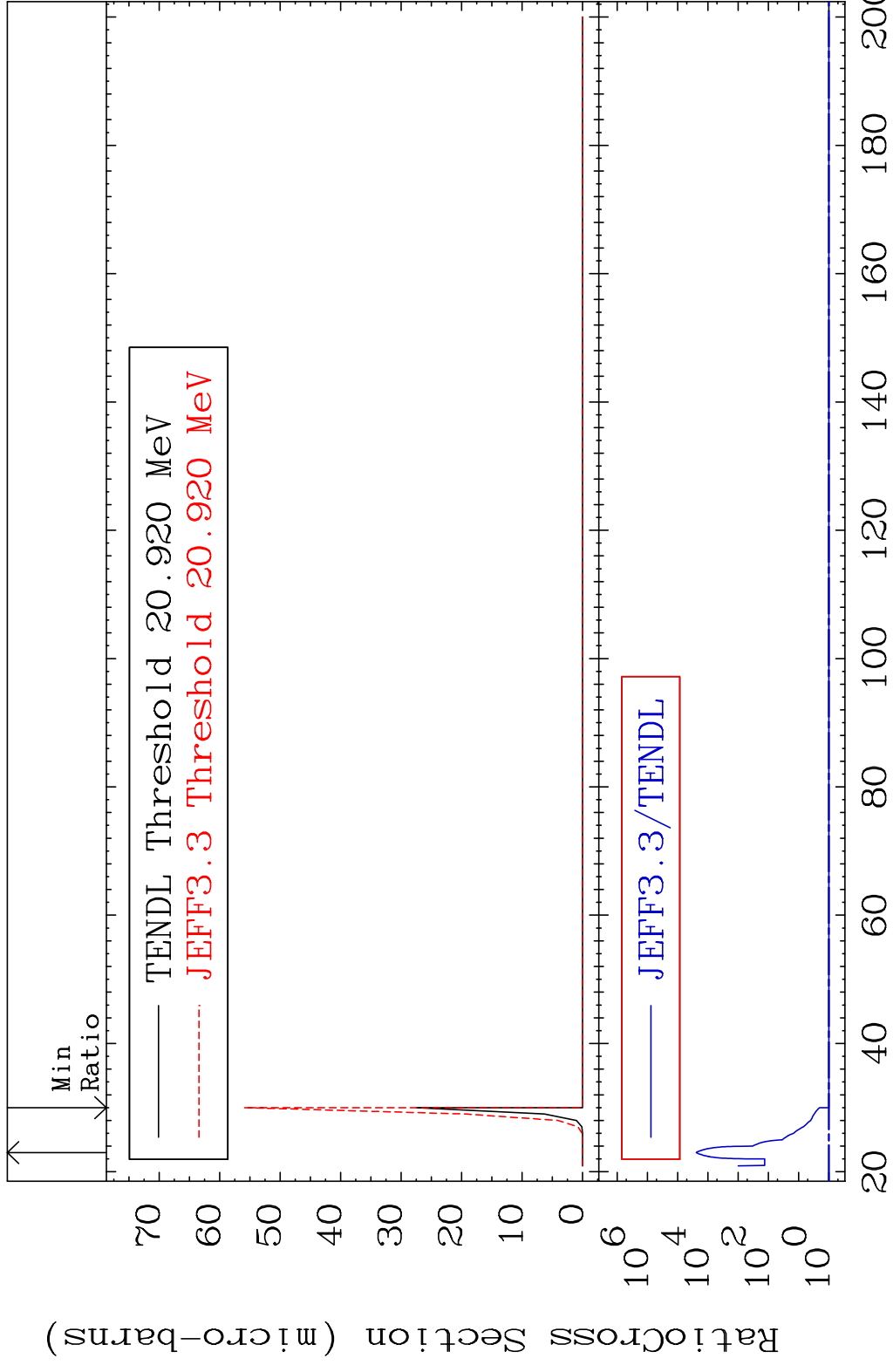


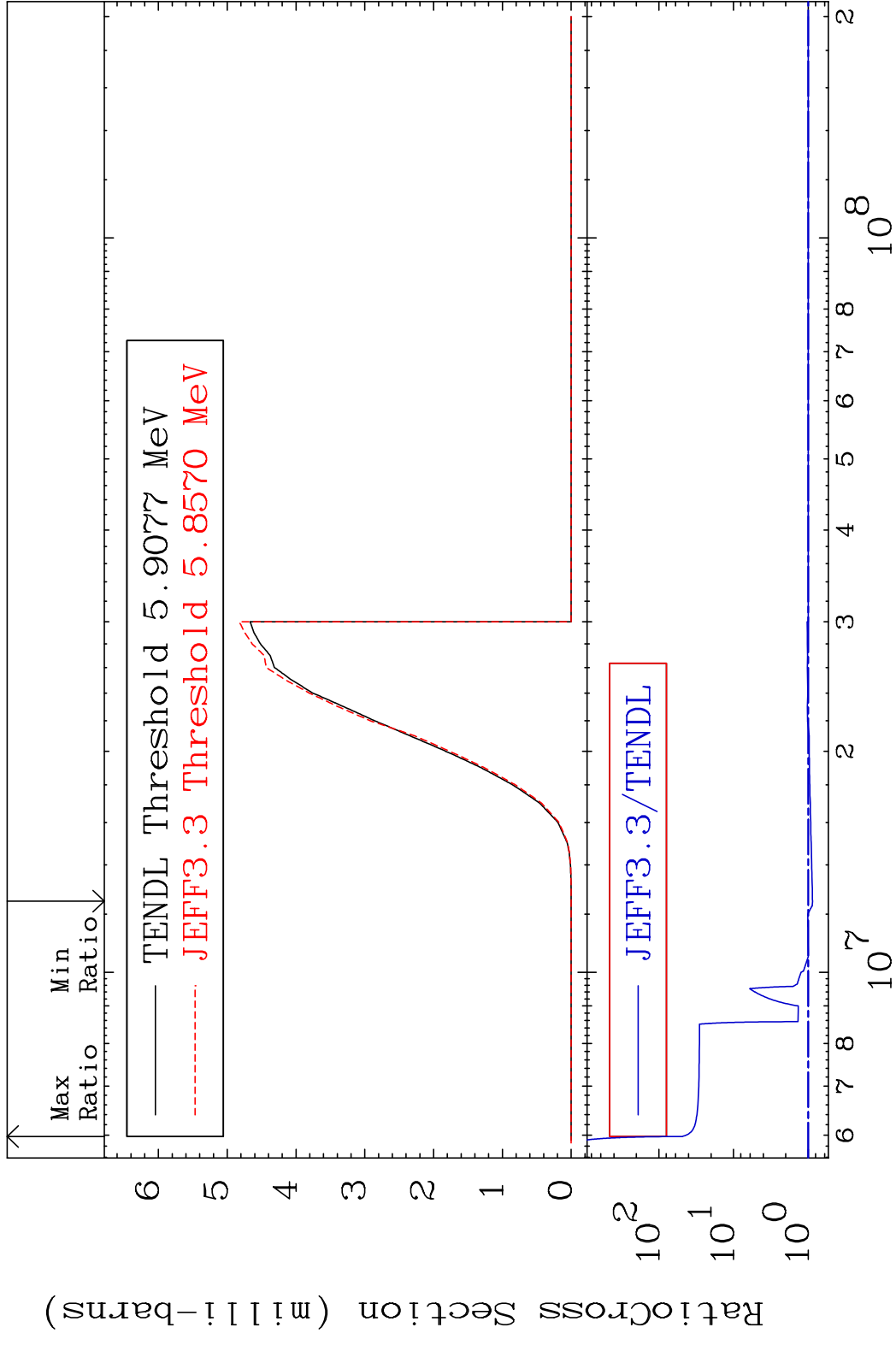


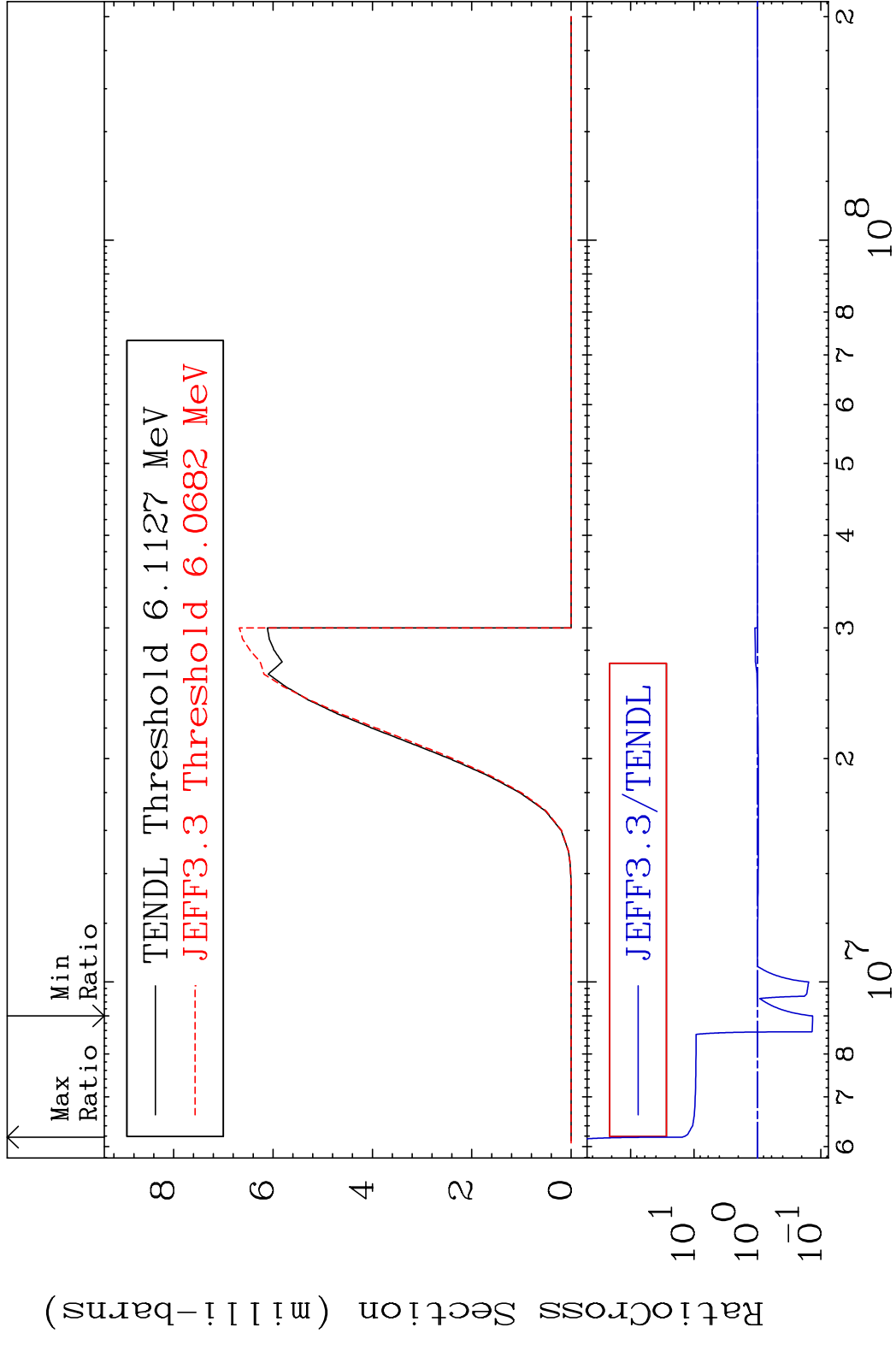












MAT 7646 (n, d): 75-Re-190m3 76-Os-191
 Radionuclide Production Cross Section 1430. %

