

Program Complot
(Version 2021-1)

by

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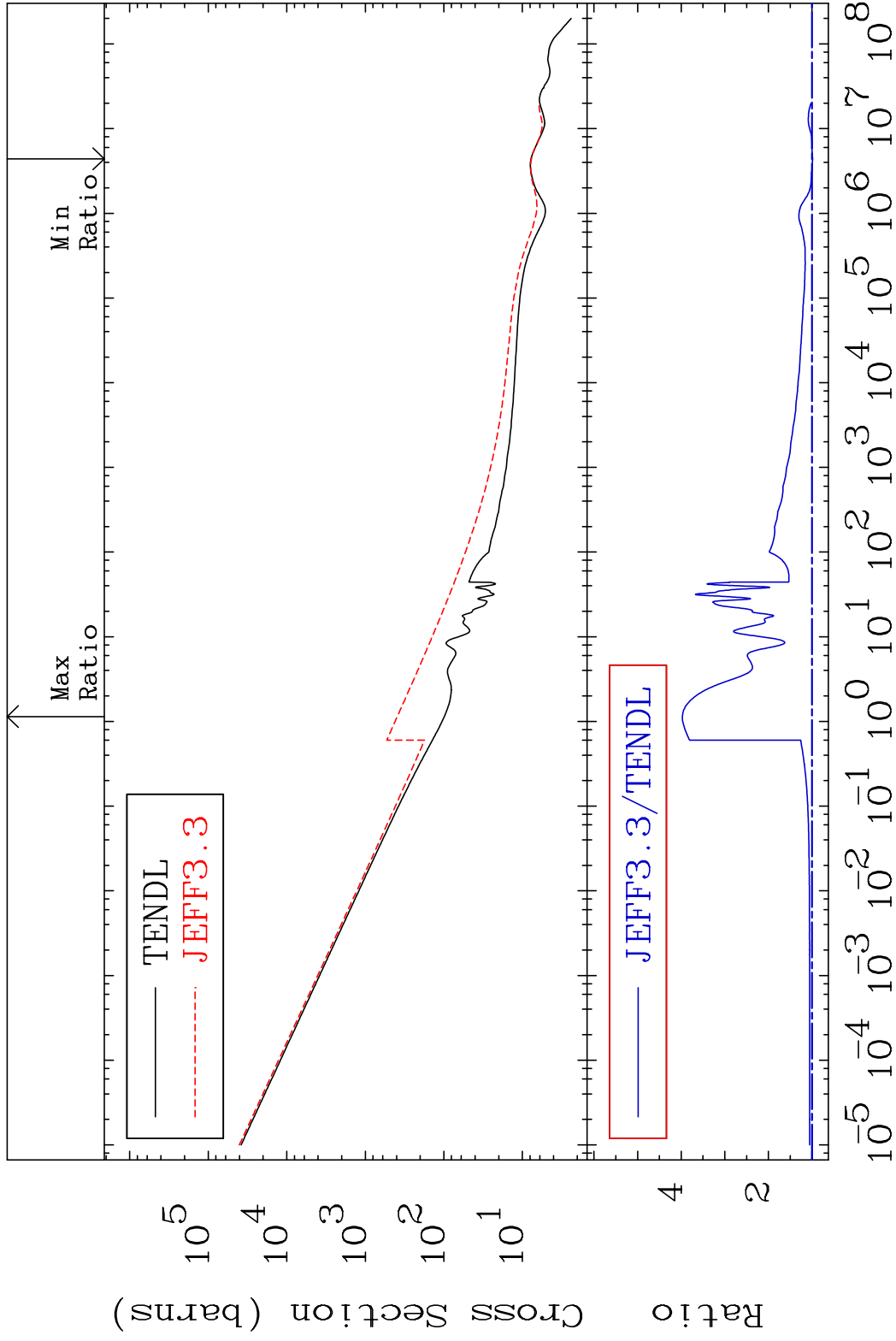
Press Mouse Button to Start

MAT 8931

Total

89-Ac-227

Cross Section -1.210 To 297.4 %



1

Incident Energy (eV)

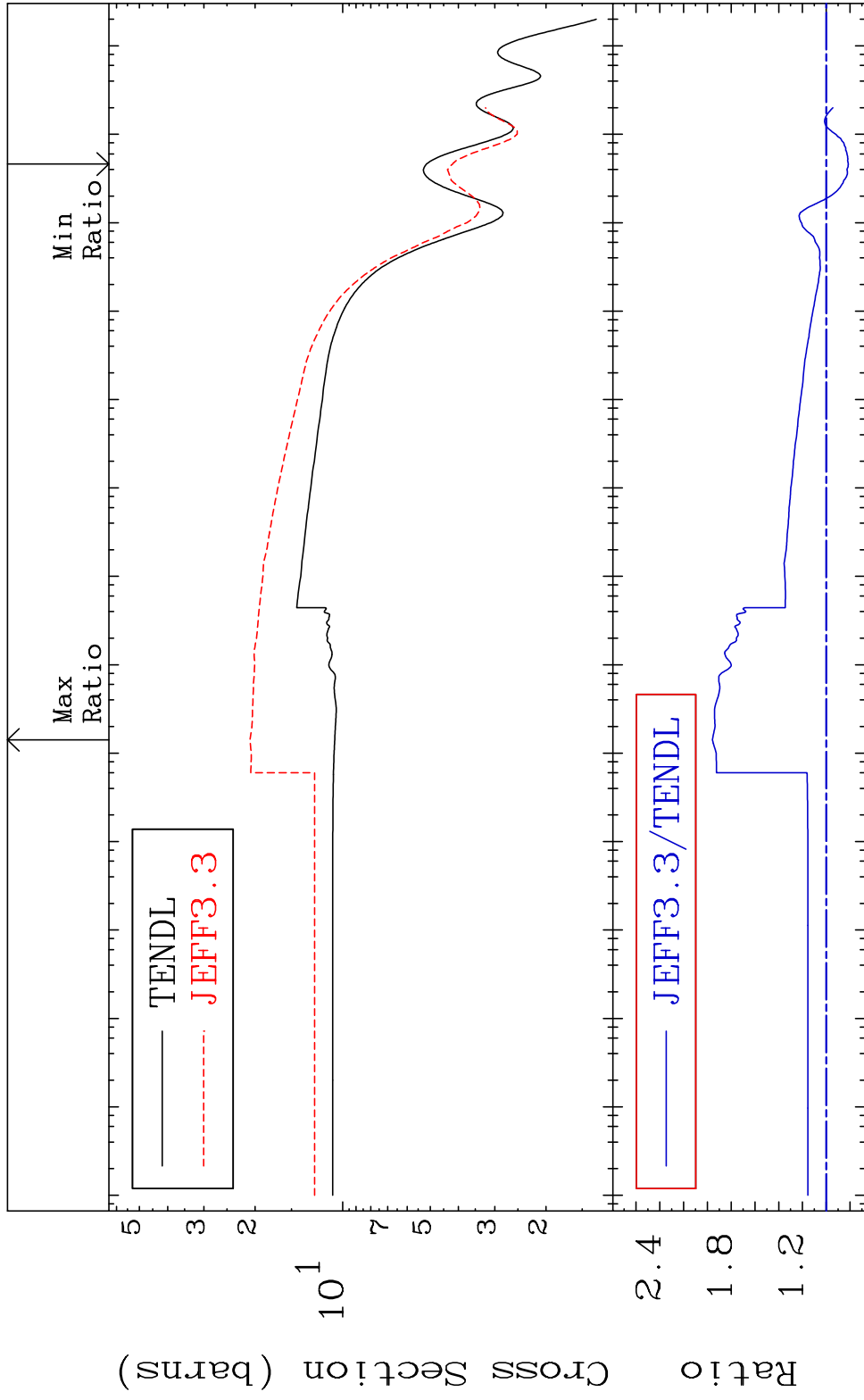
89-Ac-227

MAT 8931

Elastic

89-Ac-227

Cross Section -18.52 To 95.80 %



2

Incident Energy (eV)

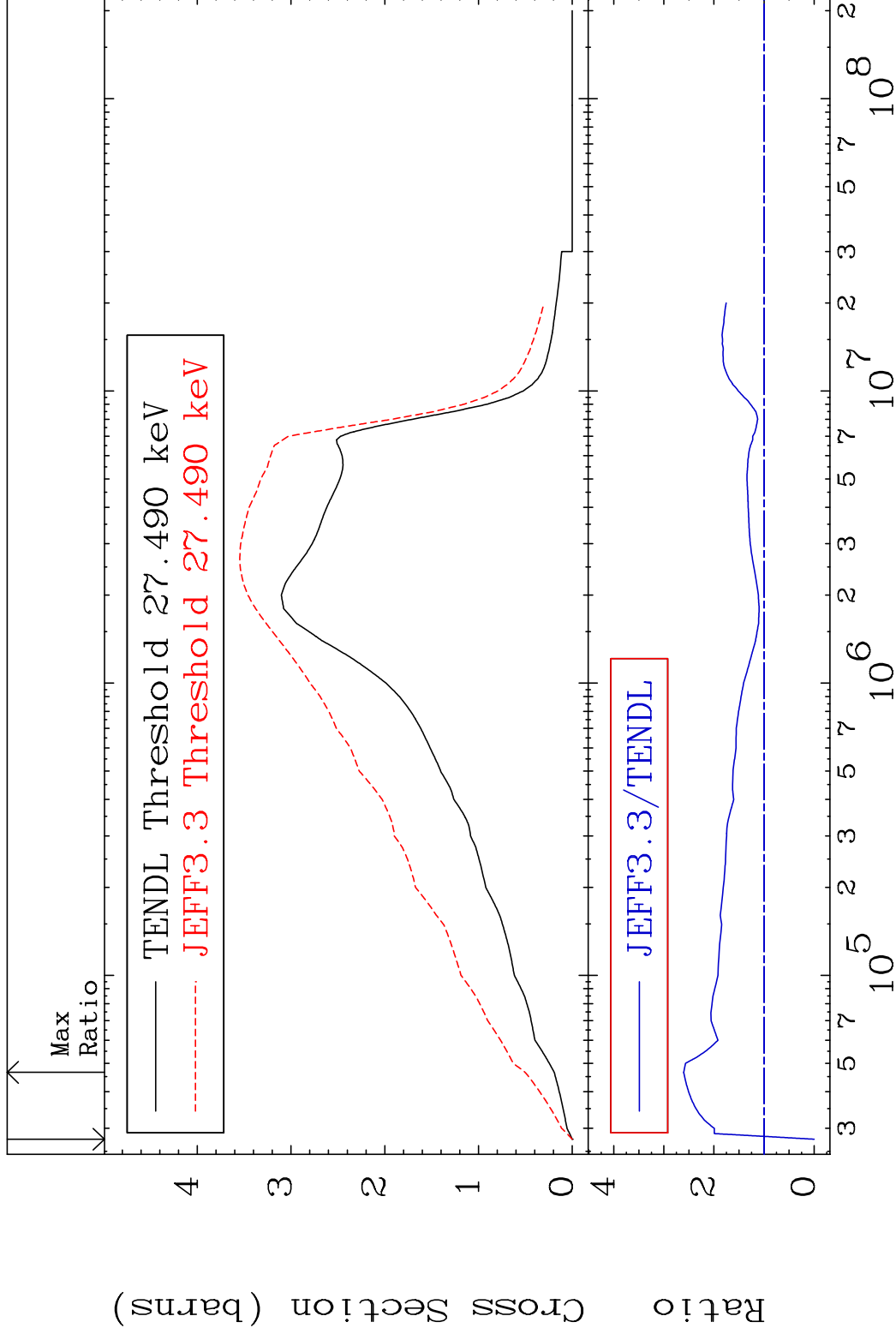
89-Ac-227

MAT 8931

Inelastic

89-Ac-227

Cross Section -100.0 To 160.5 %



3

Incident Energy (eV)

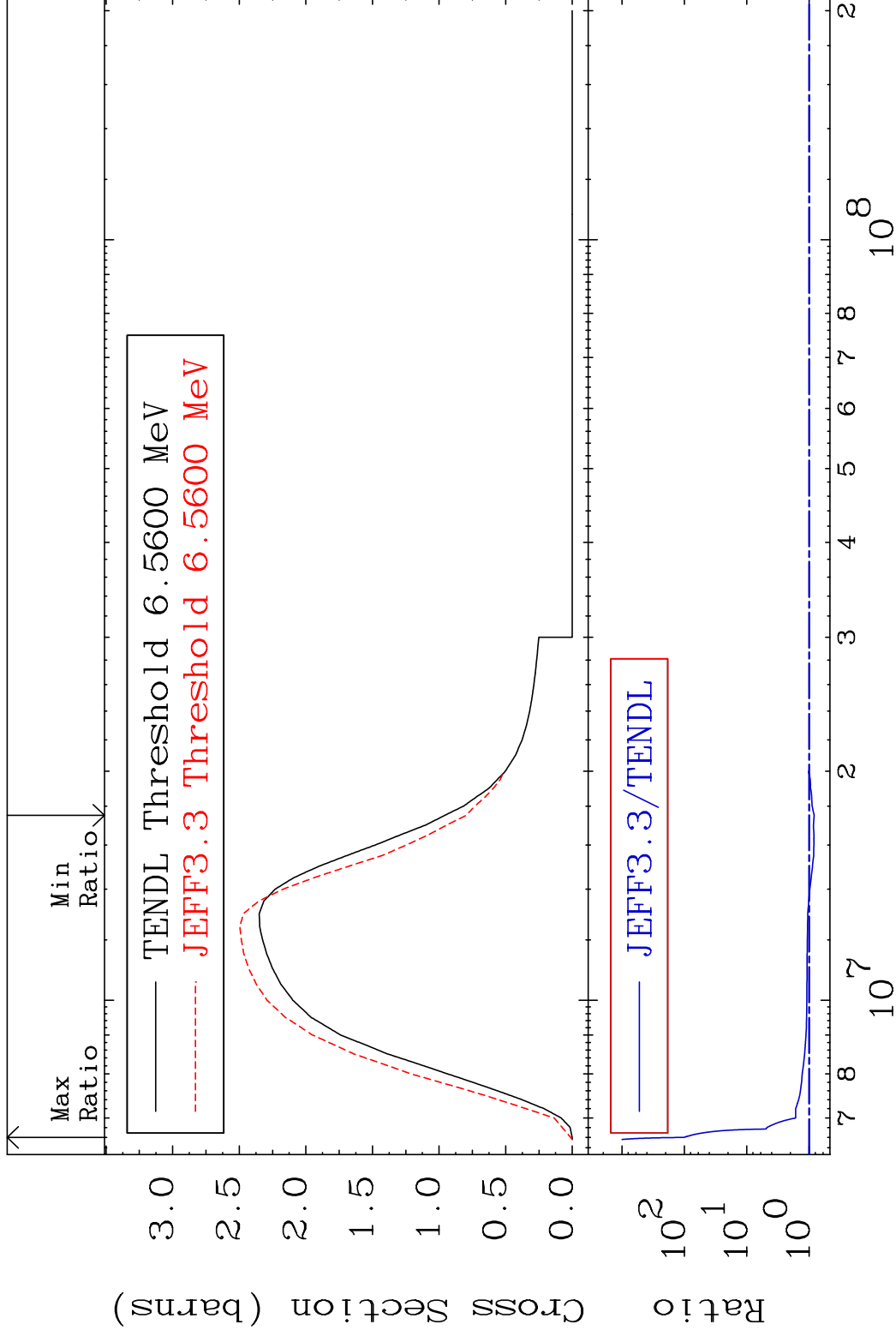
89-Ac-227

MAT 8931

(n,2n)

89-Ac-227

Cross Section -16.74 To 9999. %



4

Incident Energy (eV)

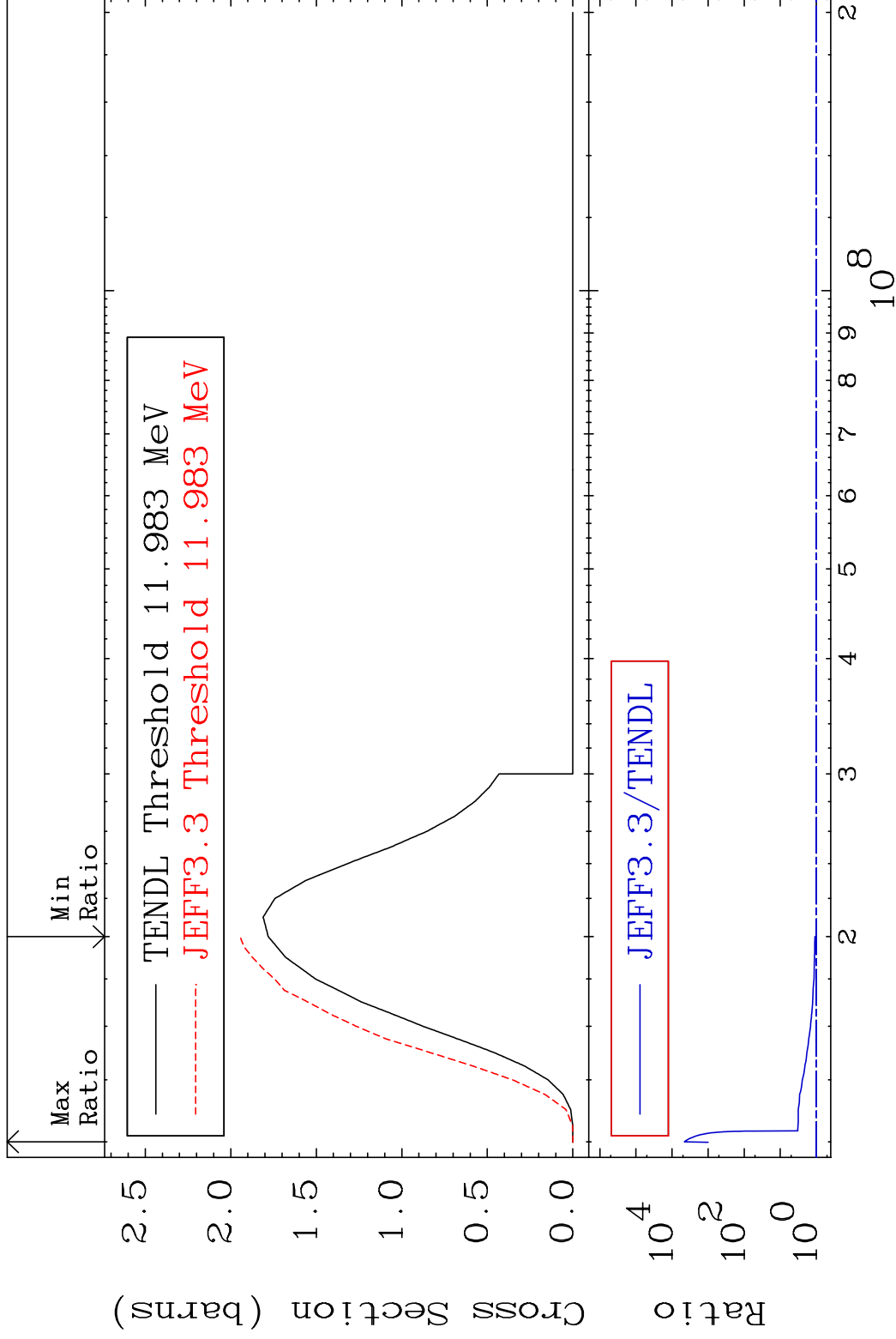
89-Ac-227

MAT 8931

(n,3n)

89-Ac-227

Cross Section 9.273 To 9999. %



5

Incident Energy (eV)

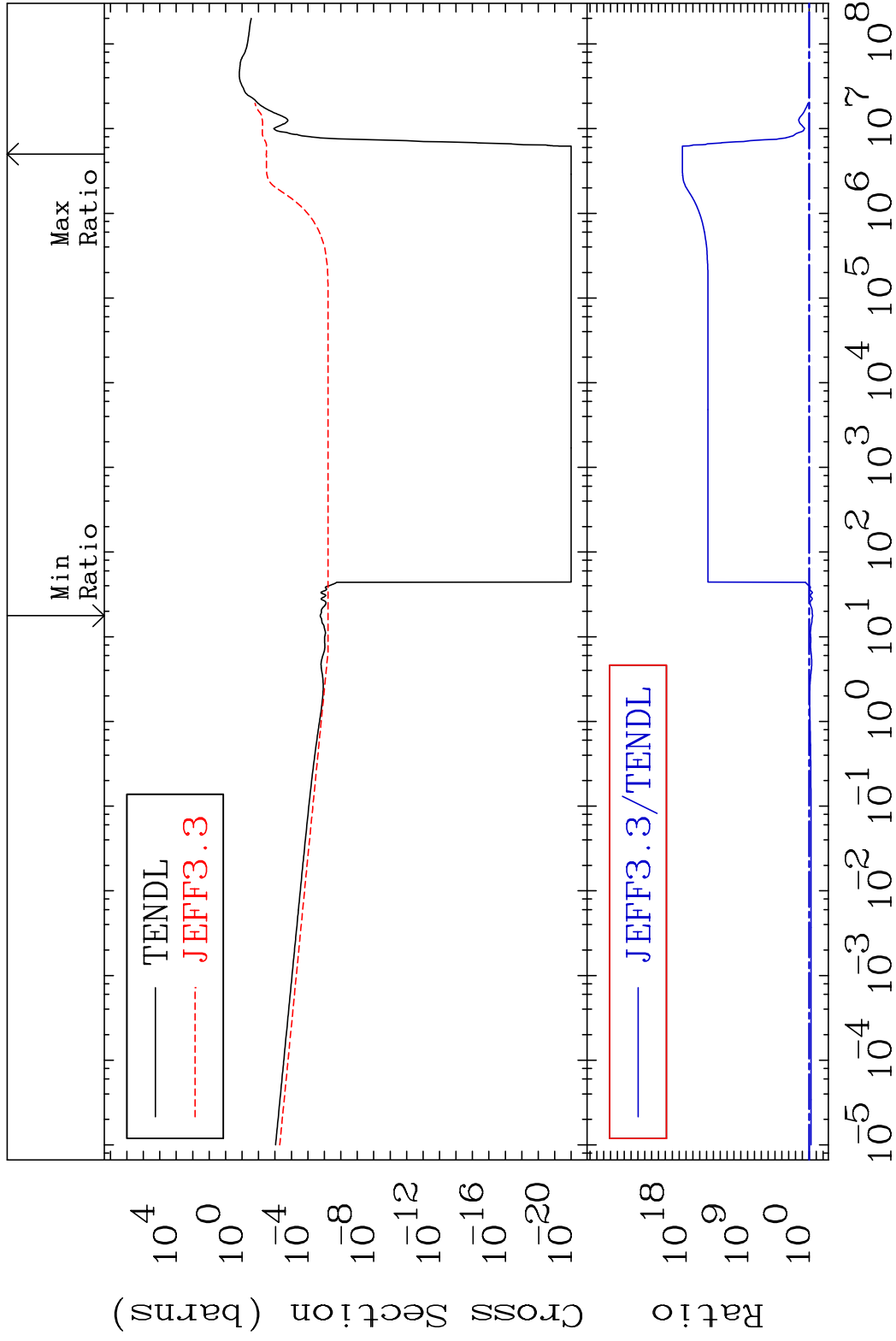
89-Ac-227

MAT 8931

89-Ac-227

Fission

Cross Section -66.53 To 9999. %

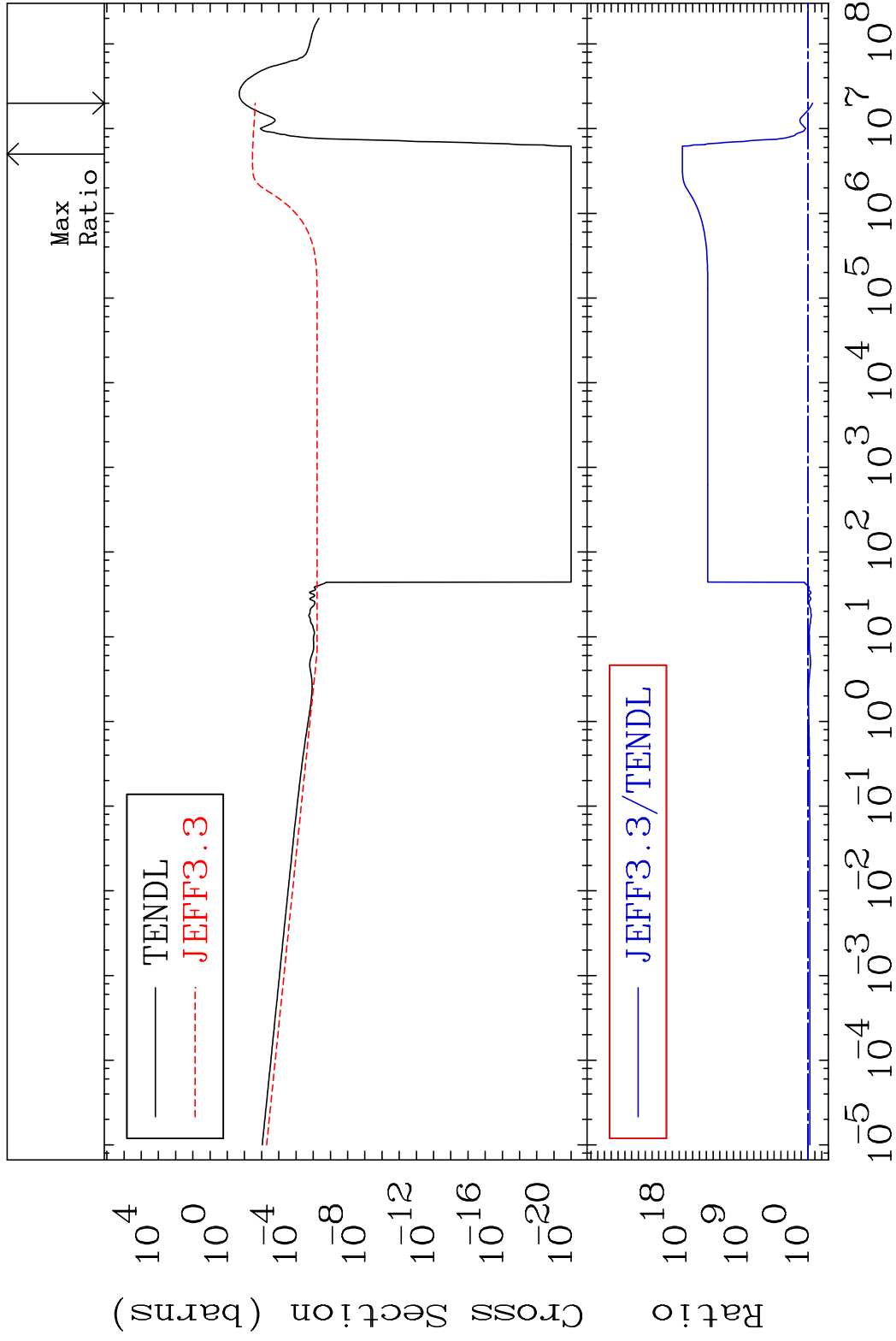


MAT 8931

(n,f) First Chance

89-Ac-227

Cross Section -78.19 To 9999. %

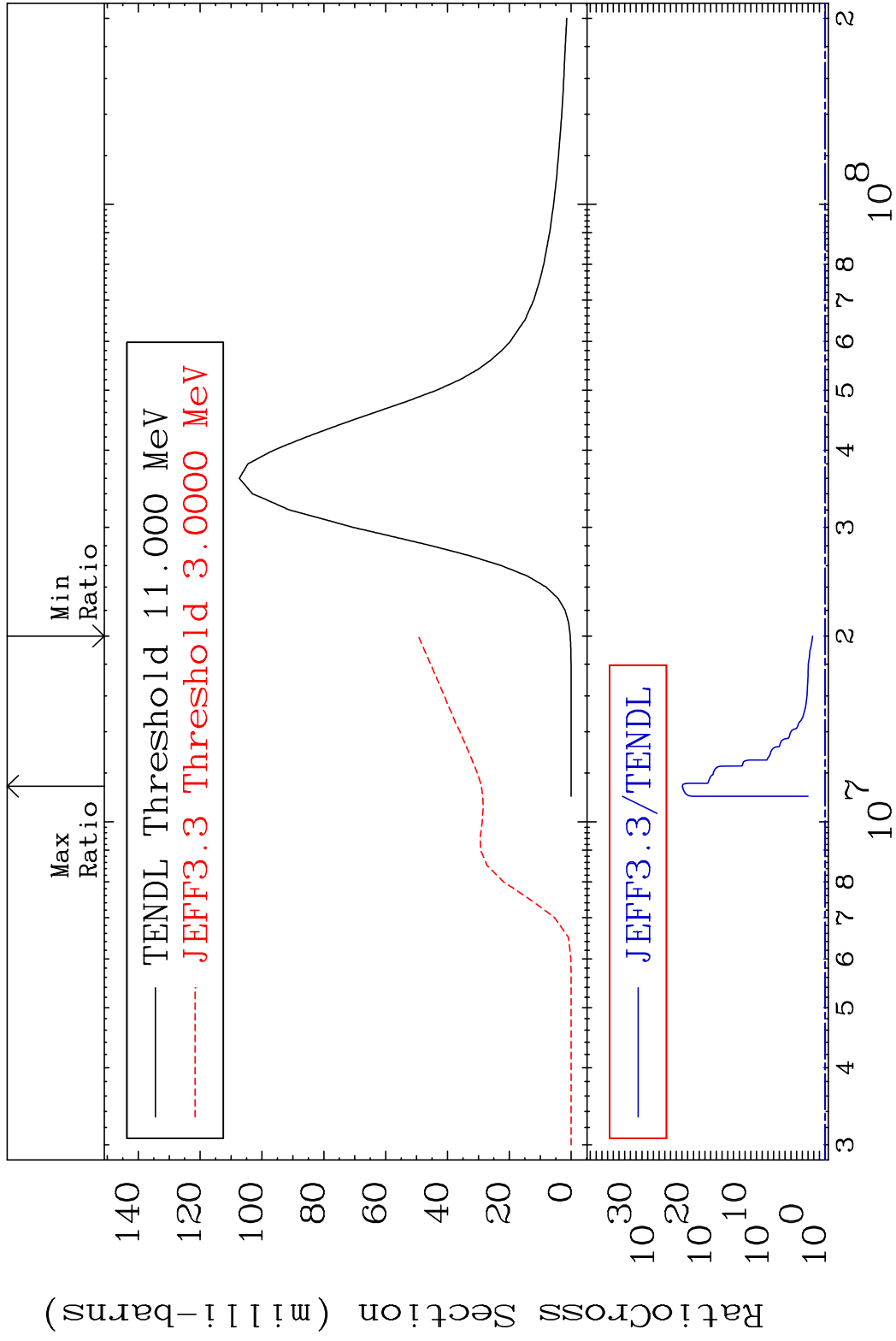


MAT 8931

(n, nf) Second Chance

89-Ac-227

Cross Section 9999. To 9999. %

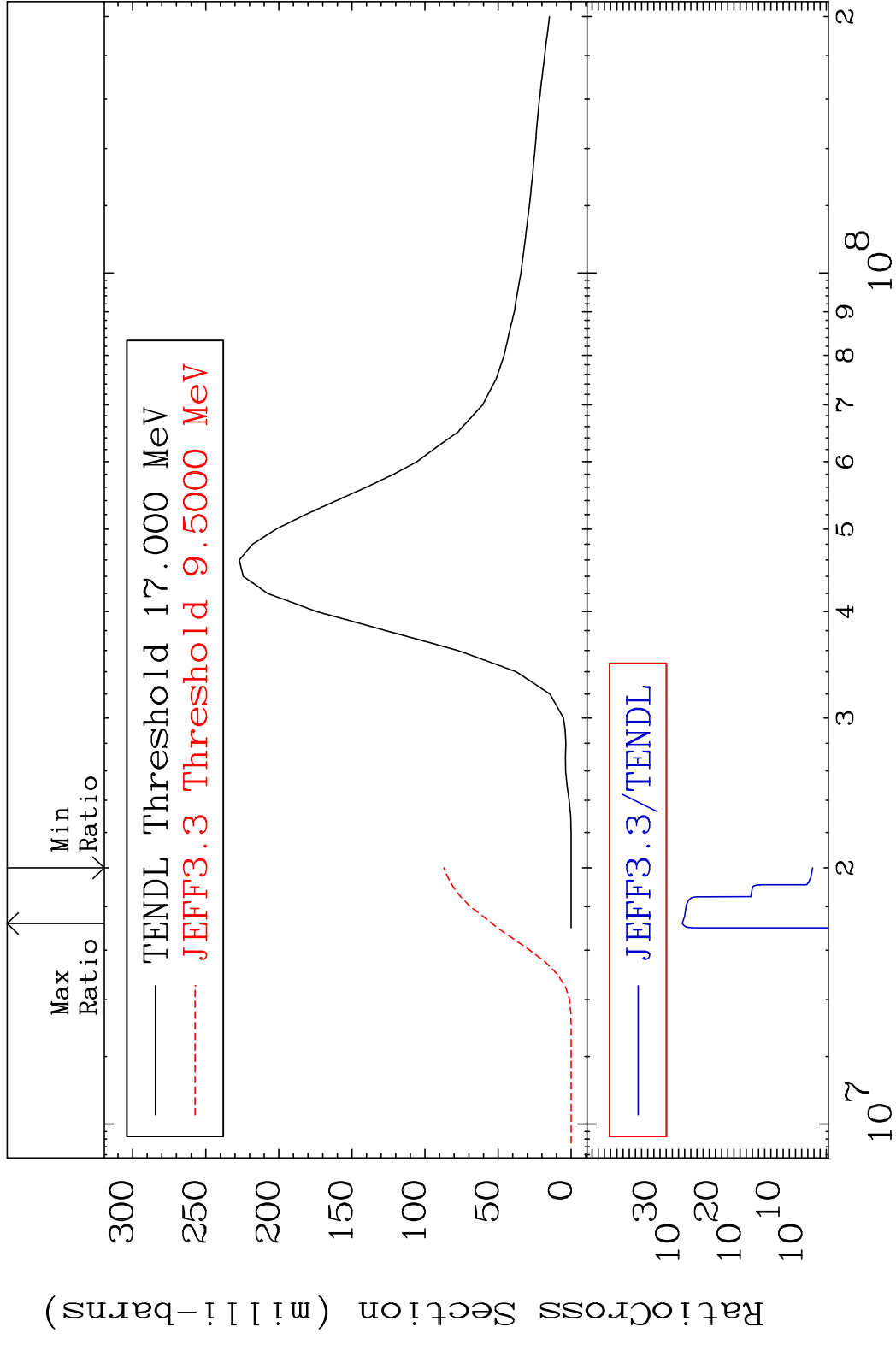


8

Incident Energy (eV)

89-Ac-227

MAT 8931 (n,2nf) Third Chance 89-Ac-227
 Cross Section 9999. To 9999. %



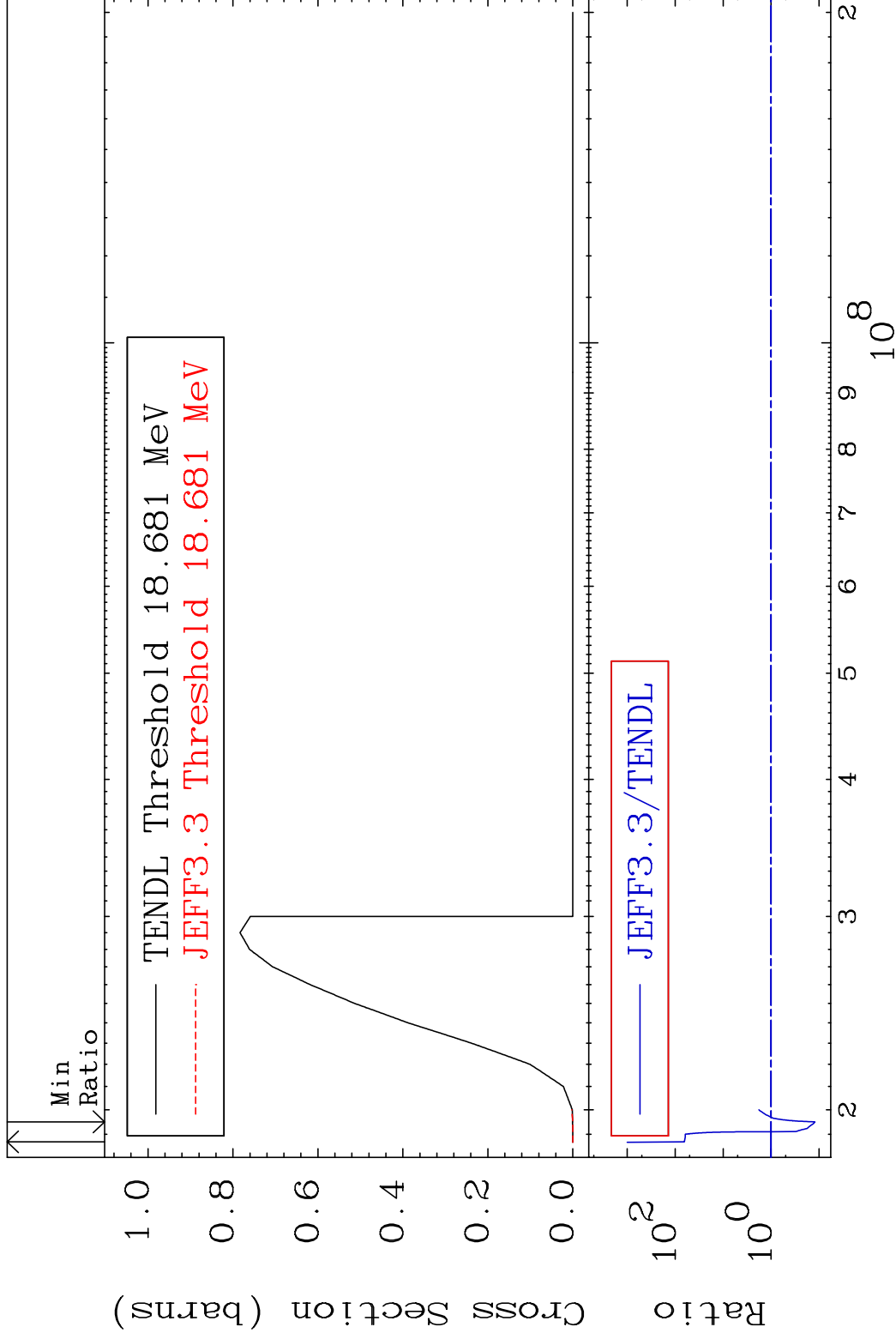
9 Incident Energy (eV) 89-Ac-227

MAT 8931

(n,4n)

89-Ac-227

Cross Section -87.77 To 6366. %



10

Incident Energy (eV)

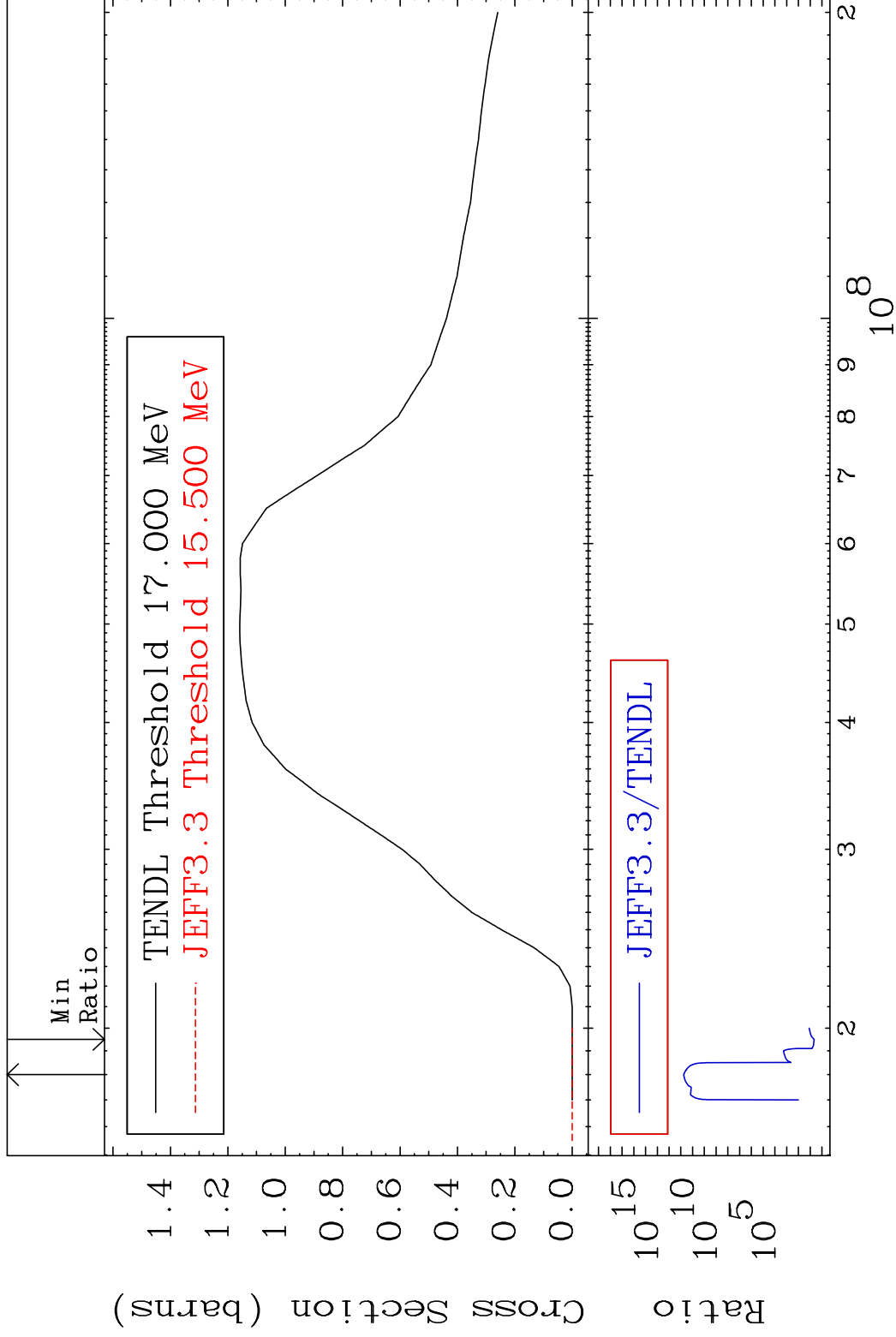
89-Ac-227

MAT 8931

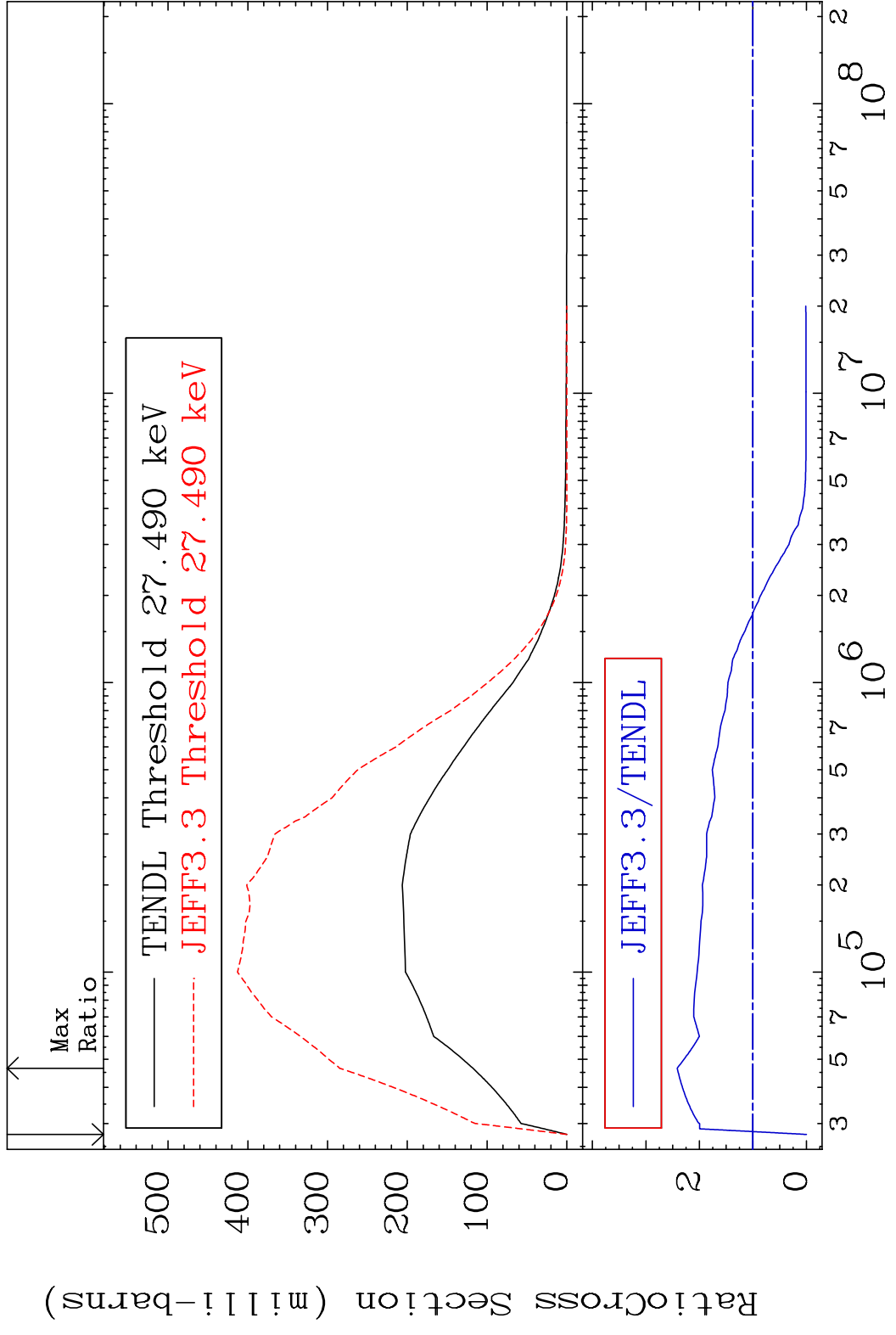
(n,3nf) Fourth Chance

89-Ac-227

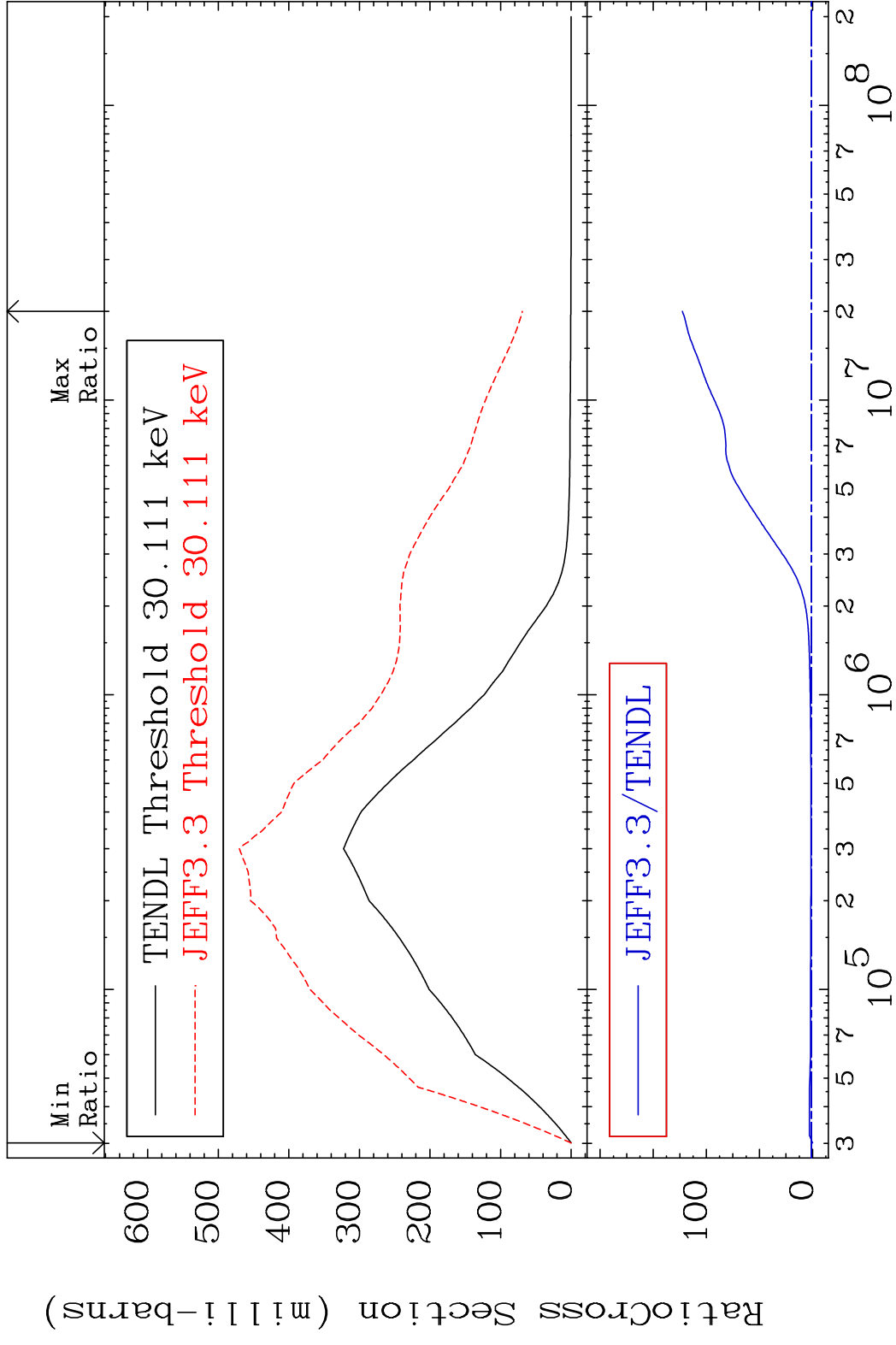
Cross Section 4524. To 9999. %



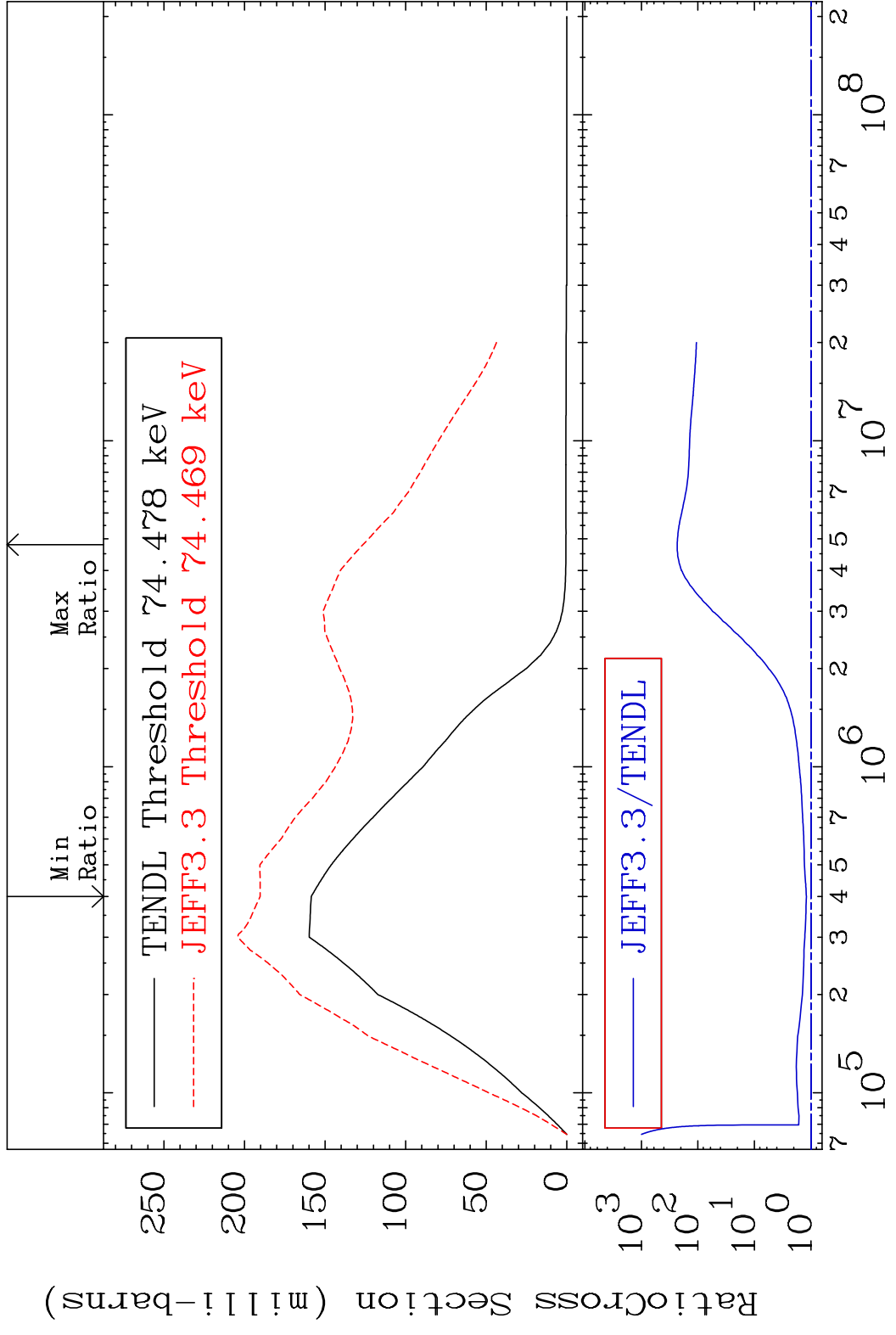
MAT 8931 MT= 51 (n, n') Level 89-Ac-227
 Cross Section -100.0 To 141.5 %



MAT 8931 MT= 52 (n,n') Level 89-Ac-227
 Cross Section -100.0 To 9999. %

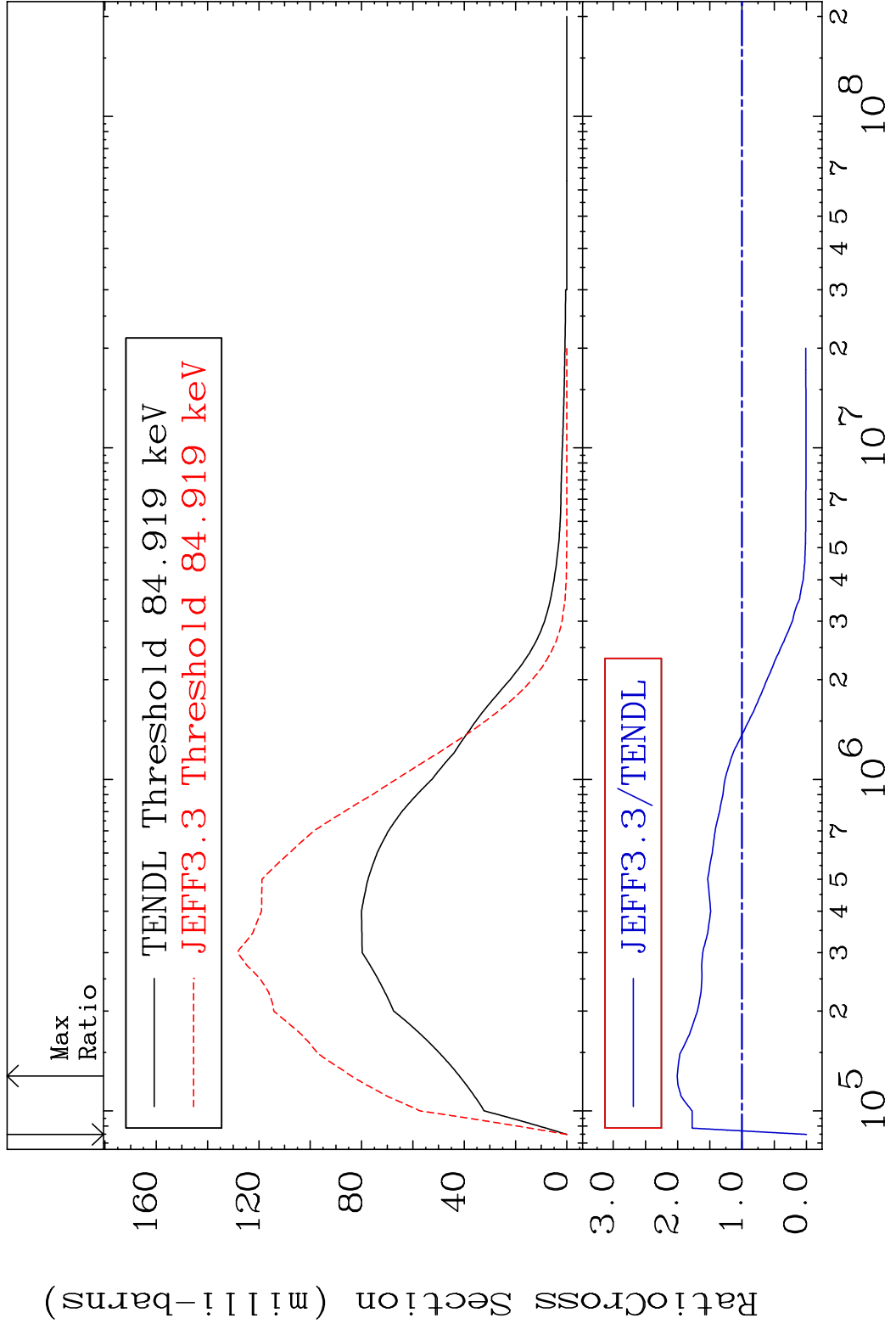


MAT 8931 MT= 54 (n, n') Level 89-Ac-227
 Cross Section 19.97 To 9999. %



15 Incident Energy (eV) 89-Ac-227

MAT 8931 MT= 55 (n, n') Level 89-Ac-227
 Cross Section -100.0 To 100.7 %



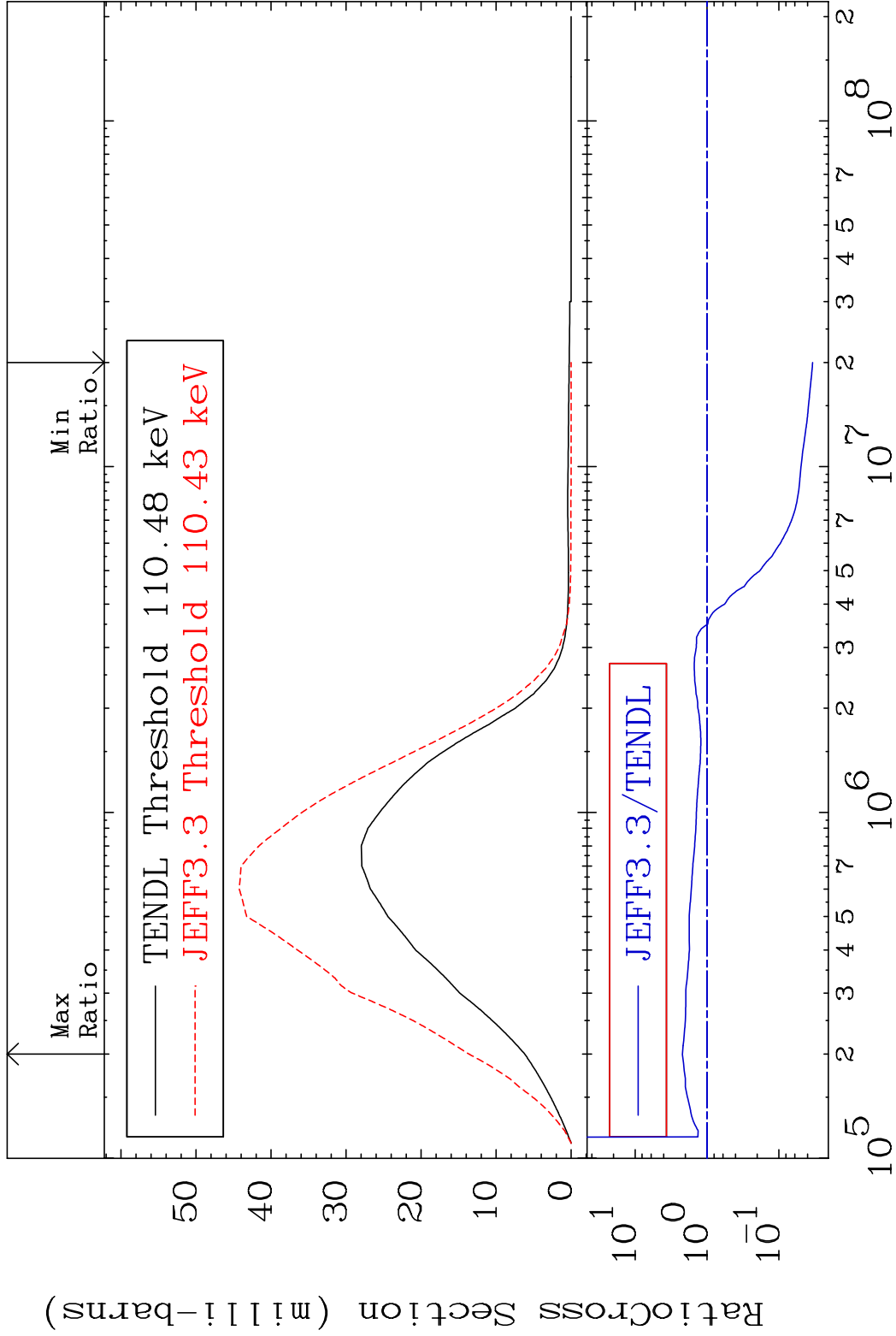
16 Incident Energy (eV) 89-Ac-227

MAT 8931

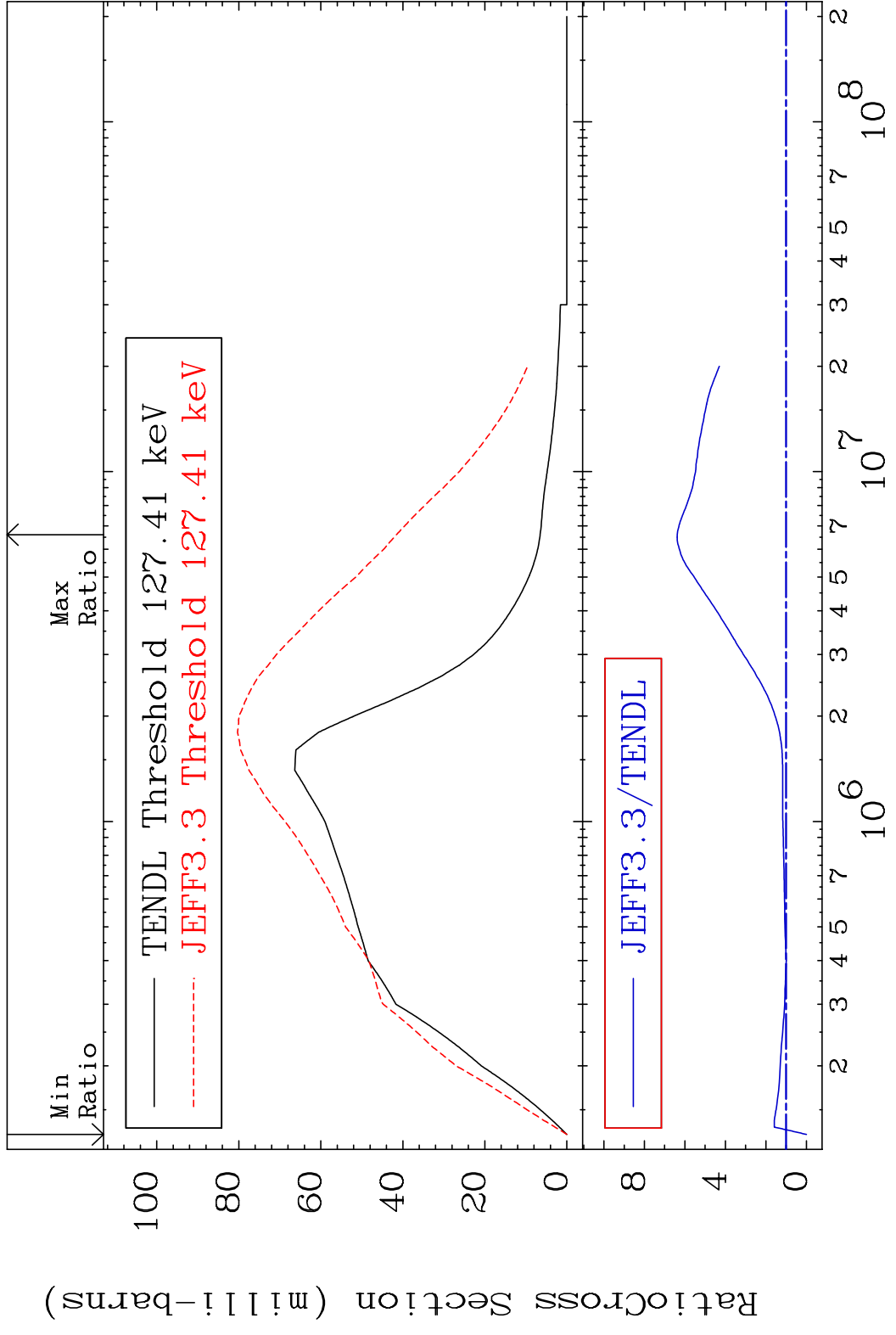
MT= 56 (n,n')

Level 89-Ac-227

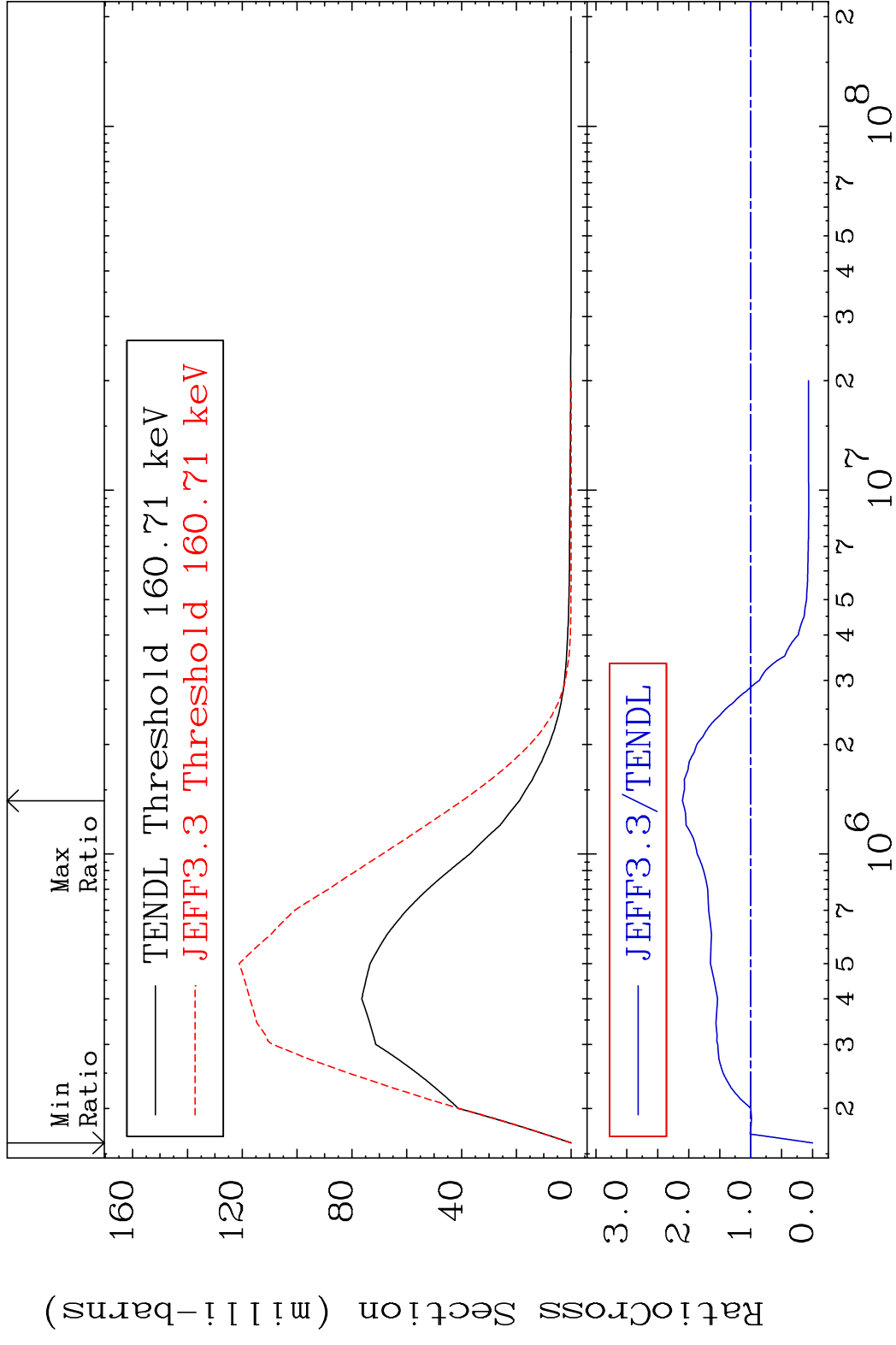
Cross Section -96.59 To 120.3 %



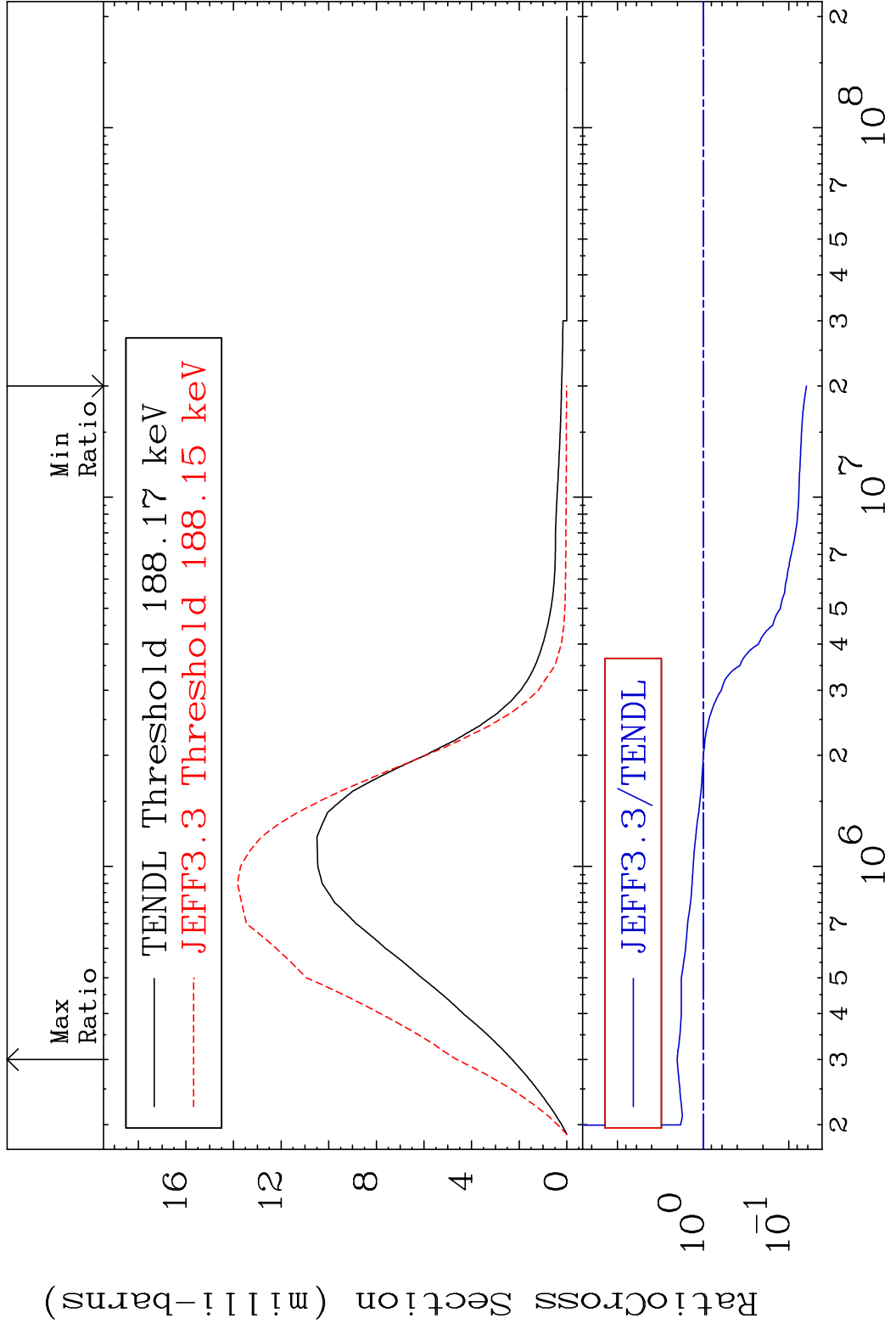
MAT 8931 MT= 57 (n, n') Level 89-Ac-227
 Cross Section -100.0 To 538.1 %



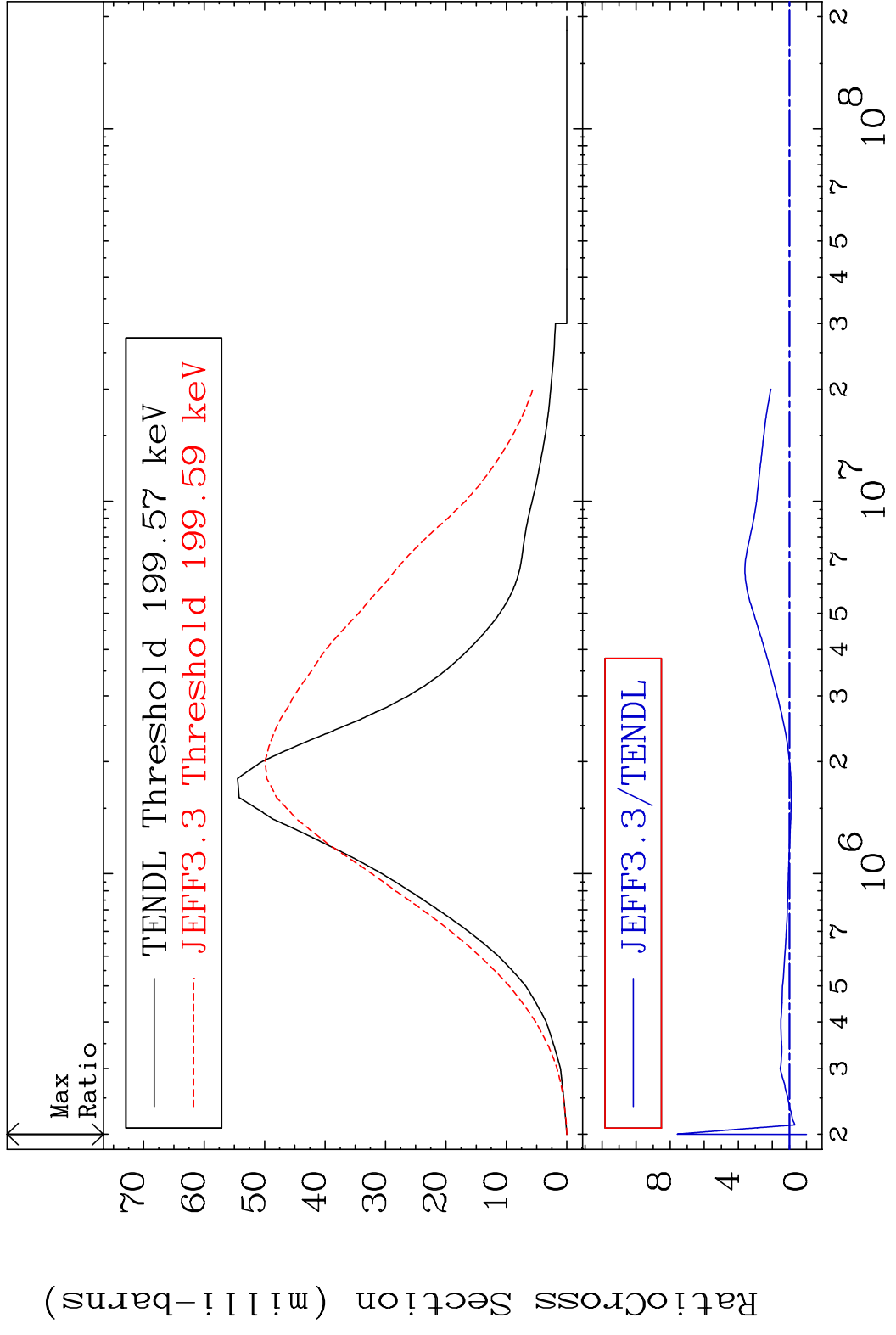
MAT 8931 MT= 59 (n,n') Level 89-Ac-227
 Cross Section -100.0 To 110.3 %



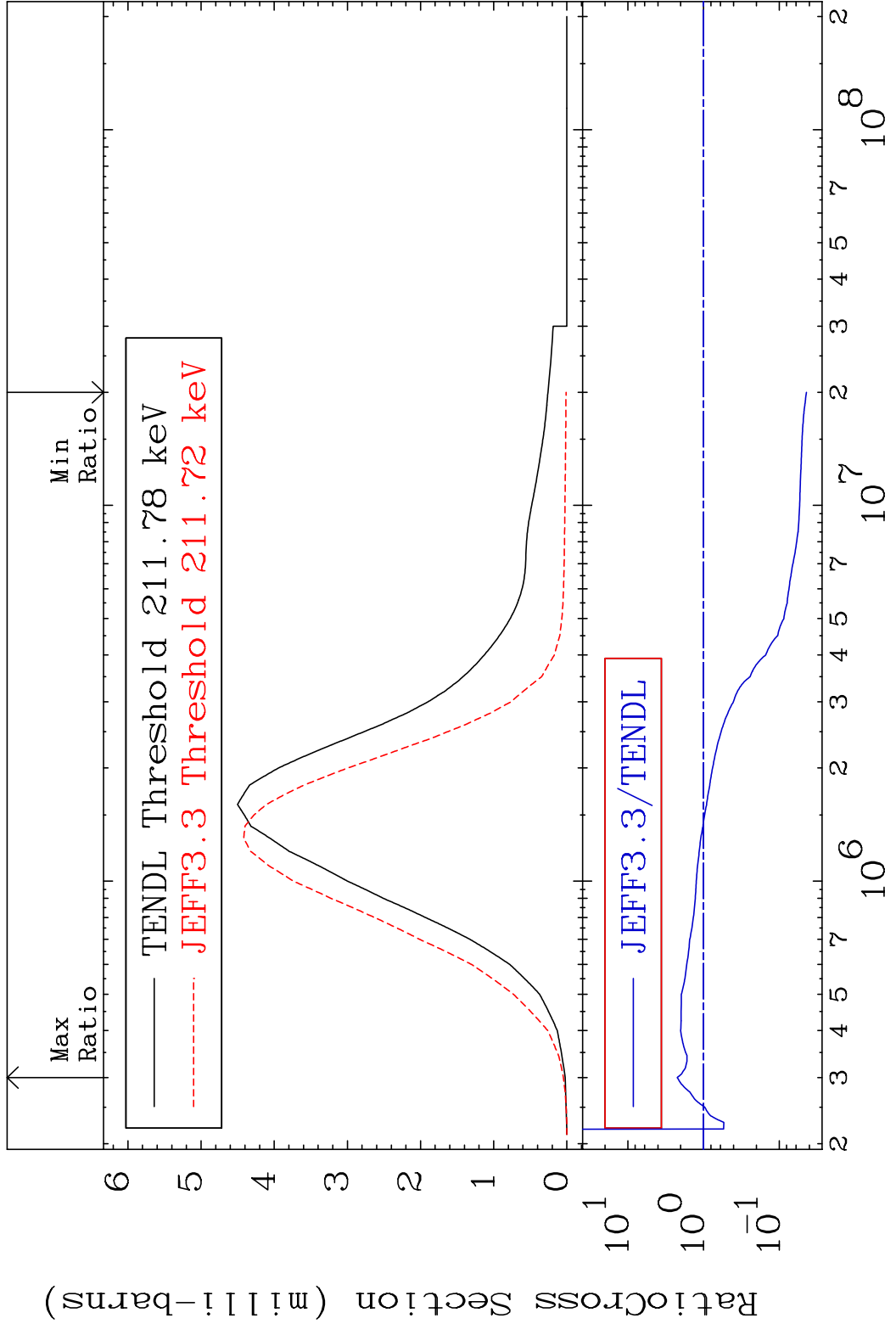
MAT 8931 MT= 60 (n,n') Level 89-Ac-227
 Cross Section -93.77 To 101.0 %



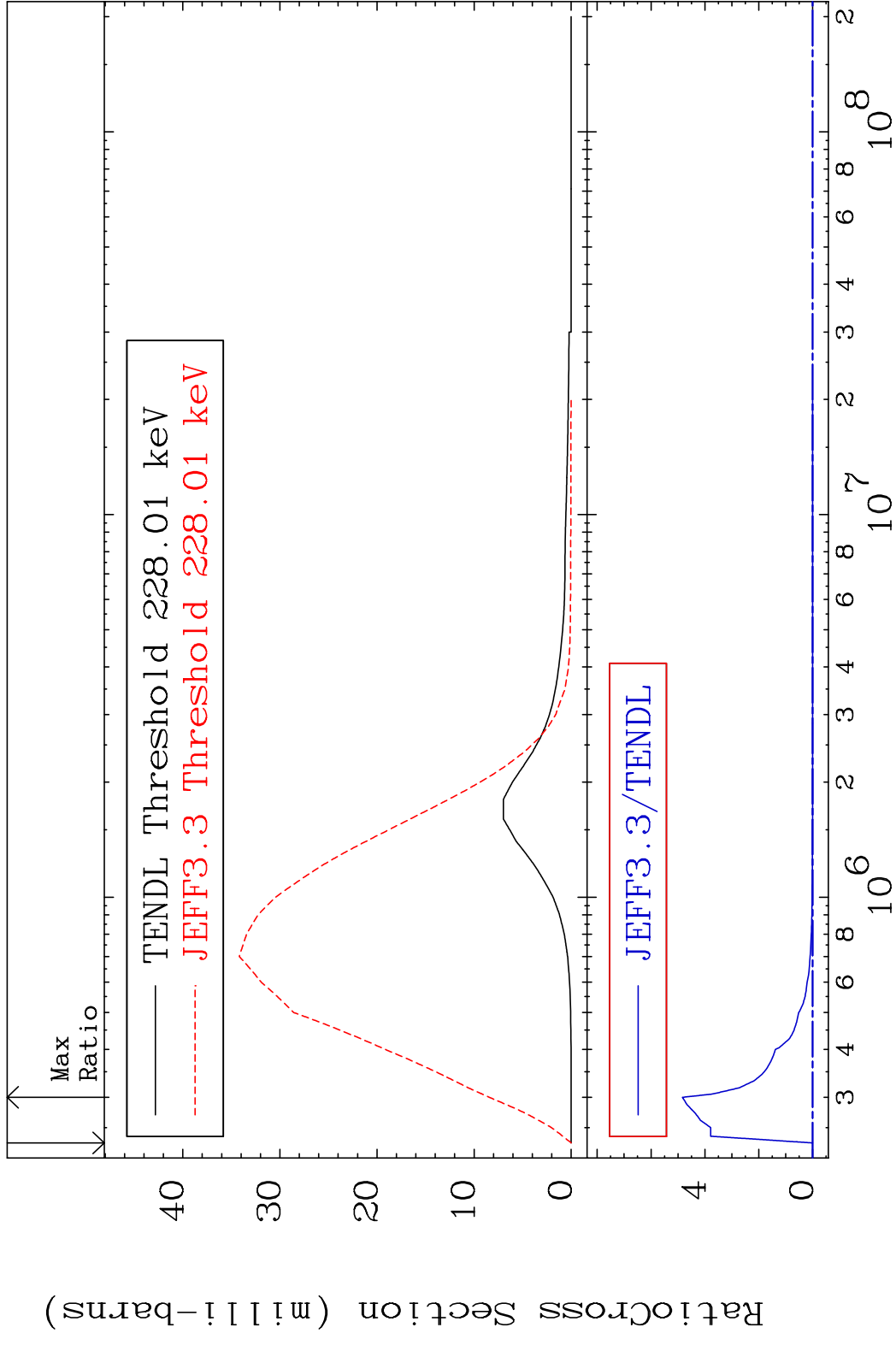
MAT 8931 MT= 61 (n,n') Level 89-Ac-227
 Cross Section -100.0 To 658.9 %



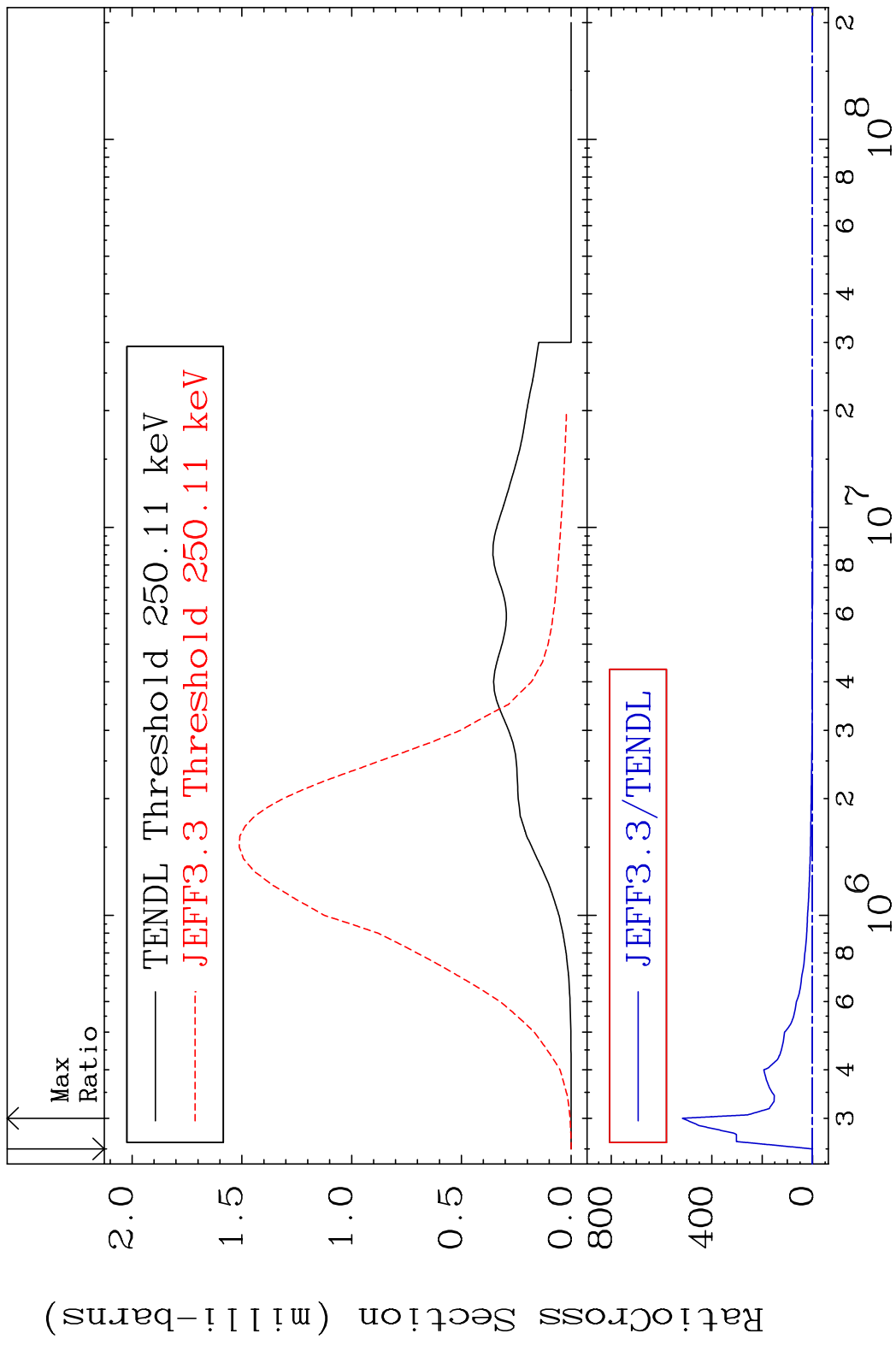
MAT 8931 MT= 62 (n, n') Level 89-Ac-227
 Cross Section -95.61 To 122.7 %



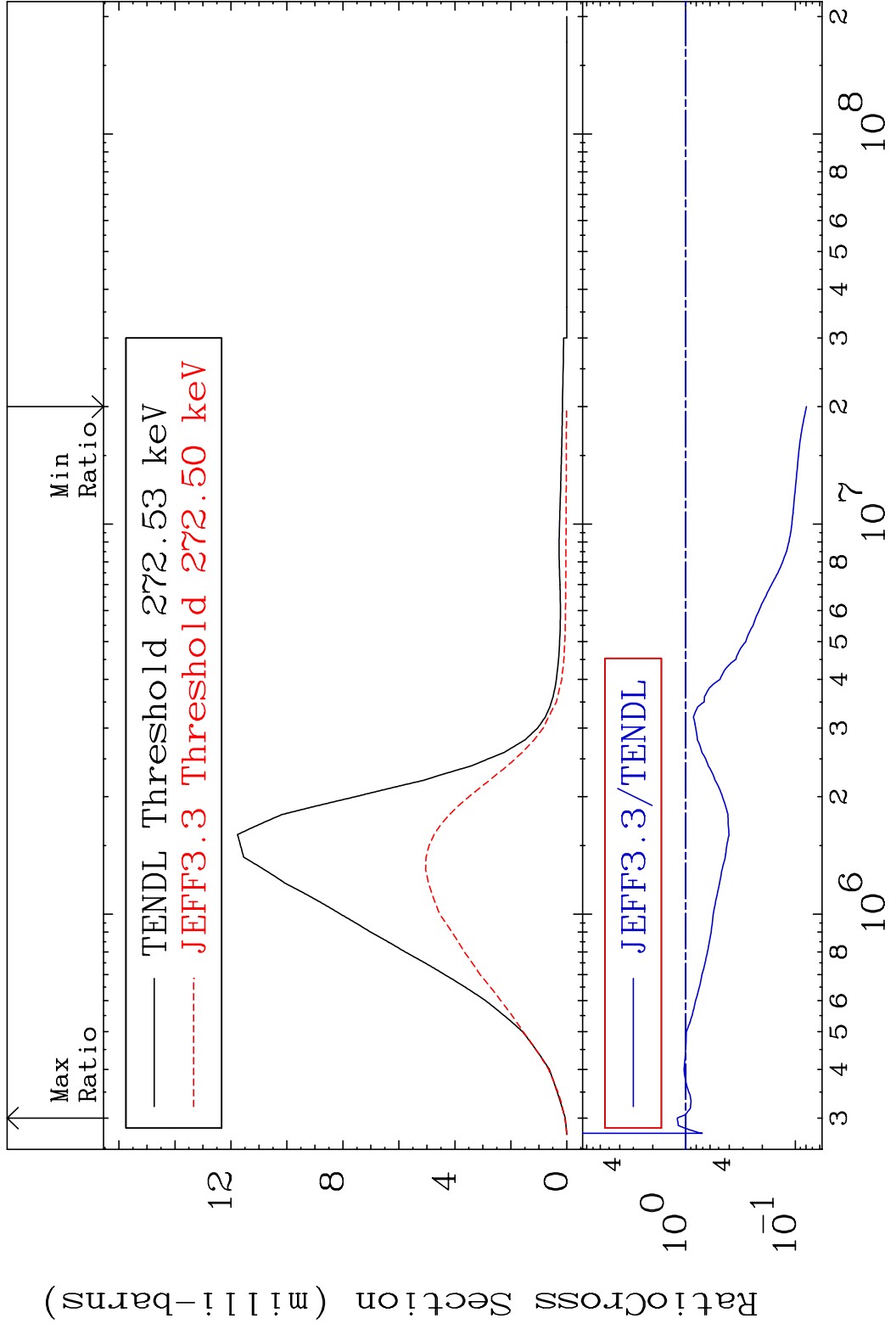
MAT 8931 MT= 63 (n, n') Level 89-Ac-227
 Cross Section -100.0 To 9999. %



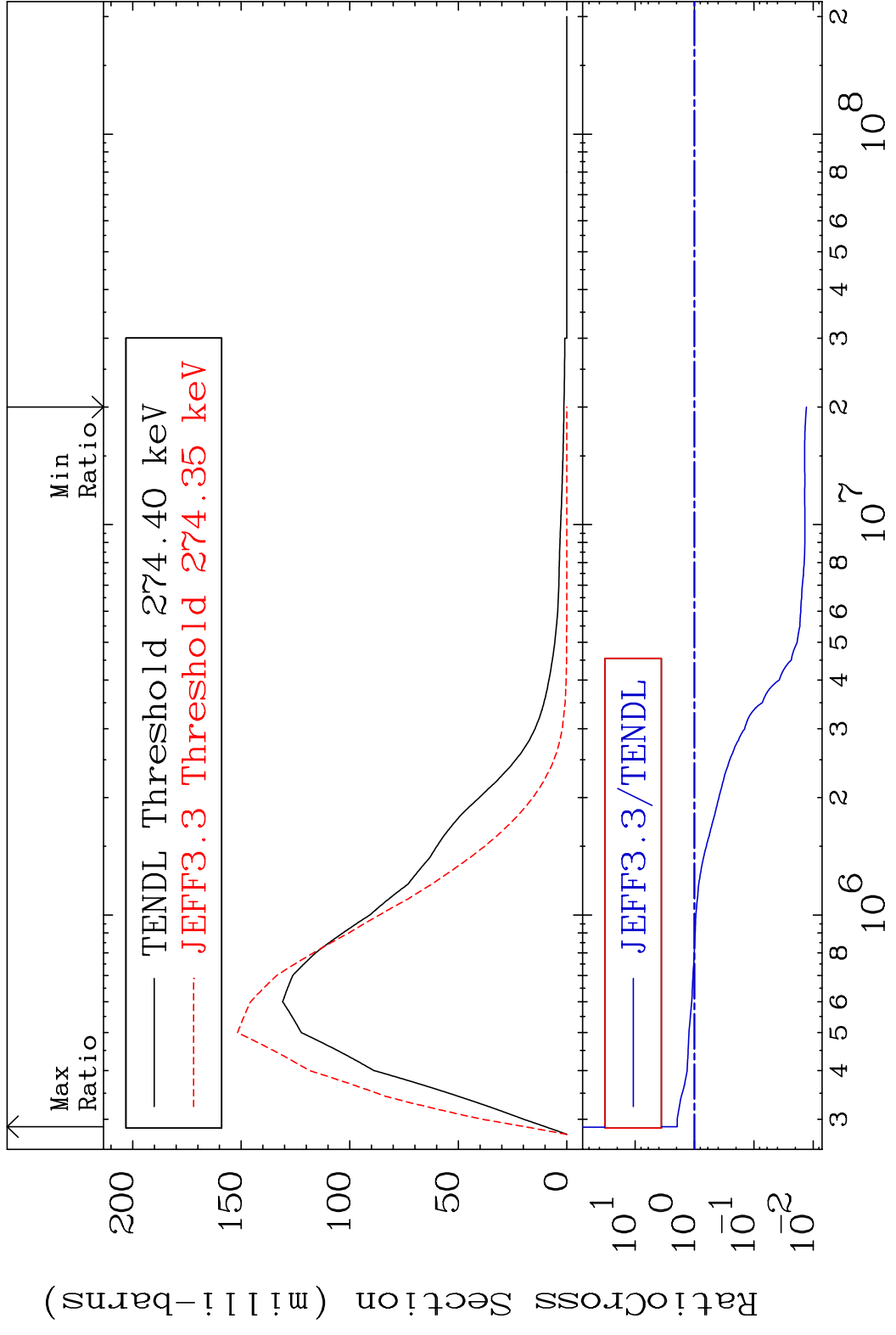
MAT 8931 MT= 64 (n,n') Level 89-Ac-227
 Cross Section -100.0 To 9999. %



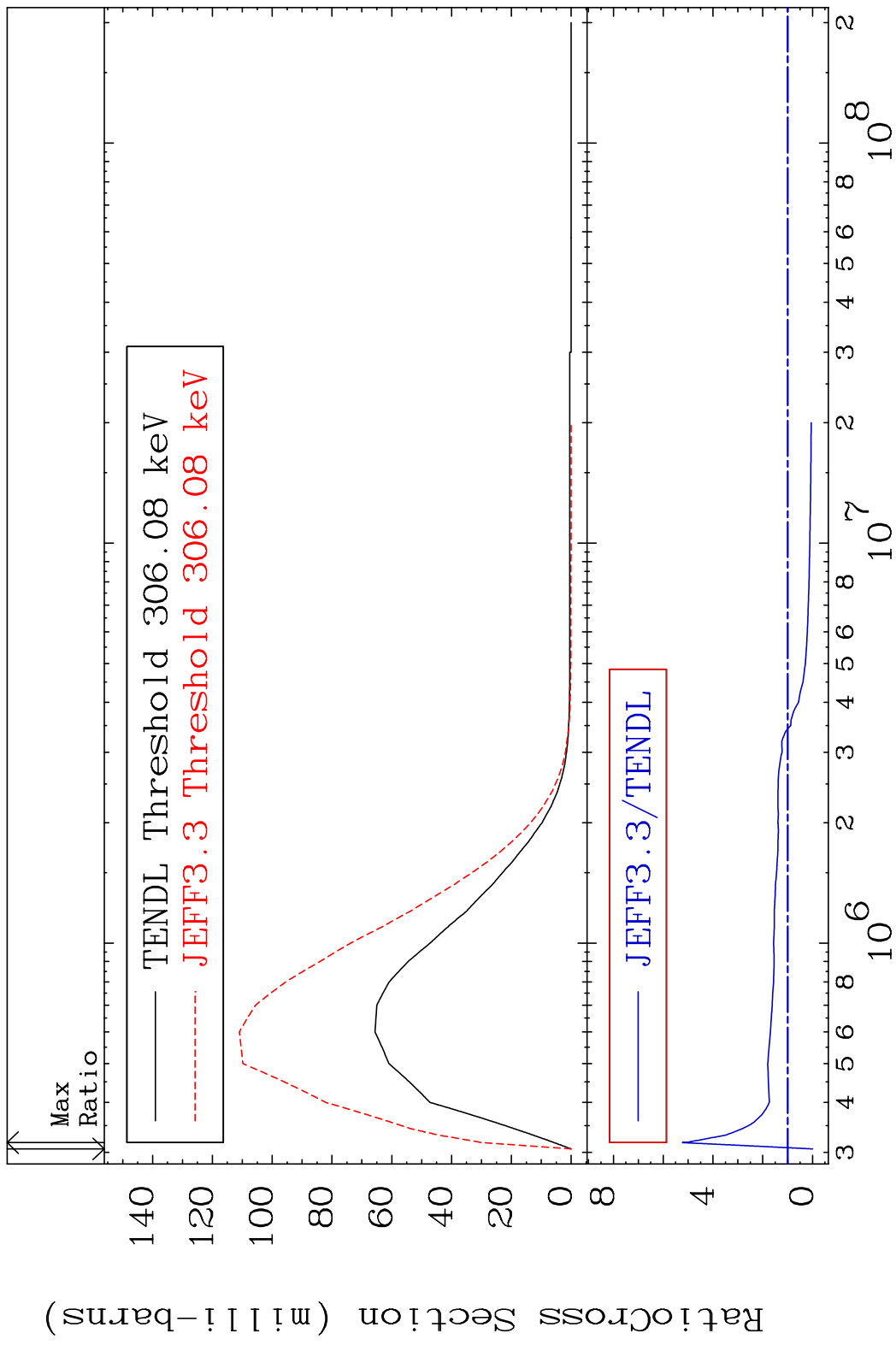
MAT 8931 MT= 65 (n,n') Level 89-Ac-227
 Cross Section -92.07 To 19.58 %



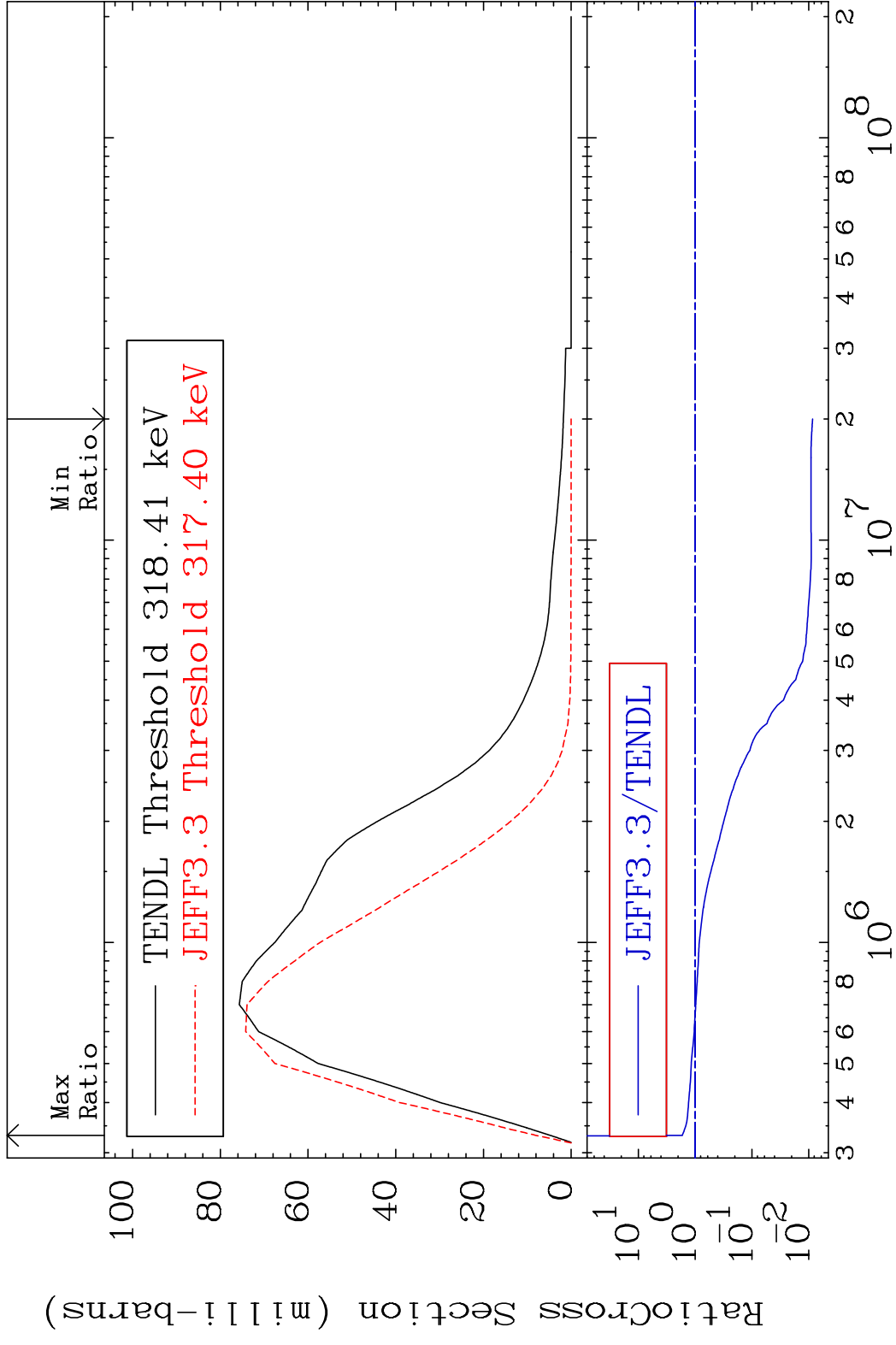
MAT 8931 MT= 66 (n,n') Level 89-Ac-227
 Cross Section -98.70 To 95.92 %



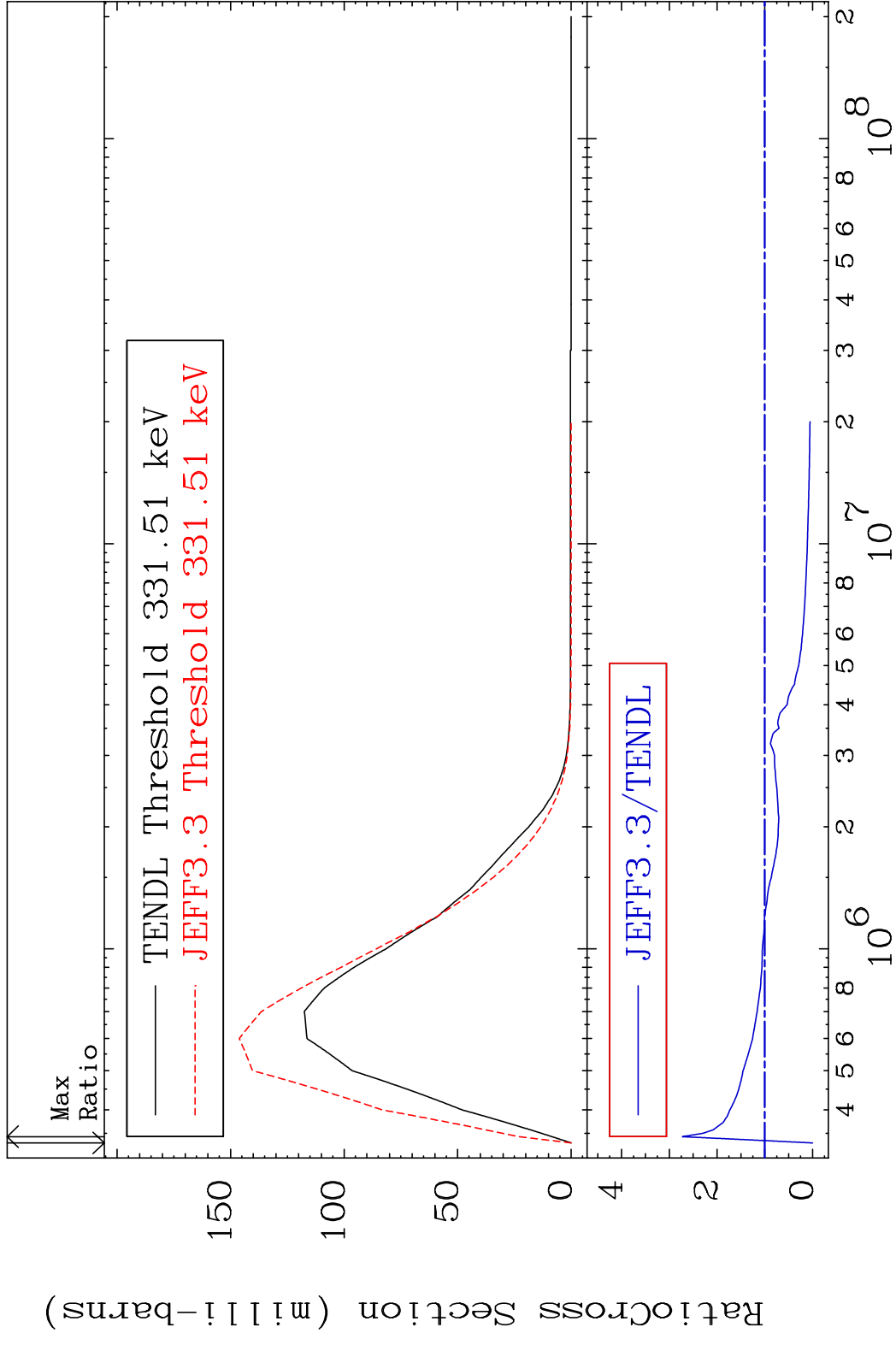
MAT 8931 MT= 67 (n,n') Level 89-Ac-227
 Cross Section -100.0 To 423.0 %



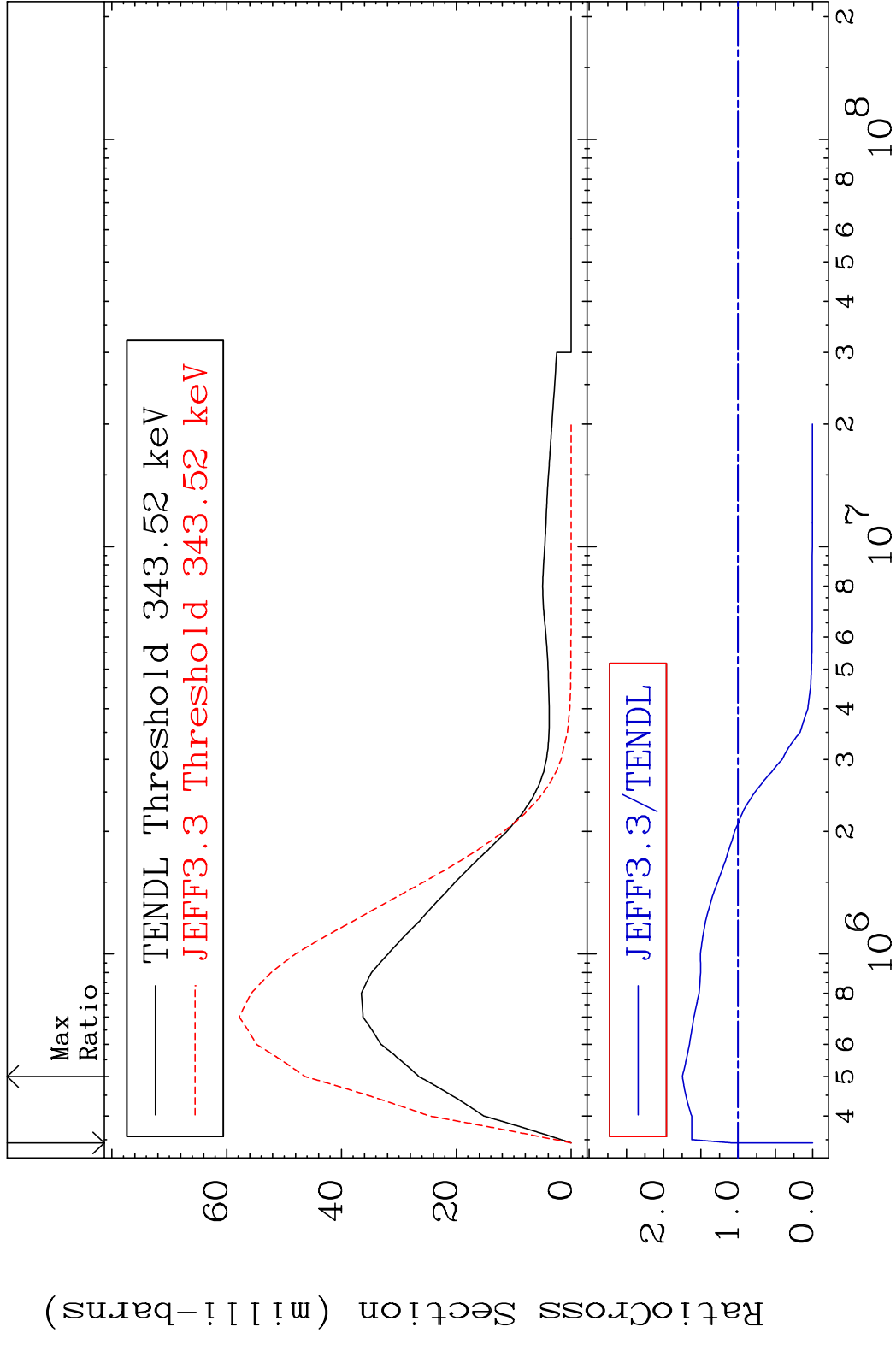
MAT 8931 MT= 68 (n, n') Level 89-Ac-227
 Cross Section -99.15 To 67.95 %



MAT 8931 MT= 69 (n, n') Level 89-Ac-227
 Cross Section -100.0 To 172.7 %



MAT 8931 MT= 70 (n,n') Level 89-Ac-227
 Cross Section -100.0 To 74.86 %

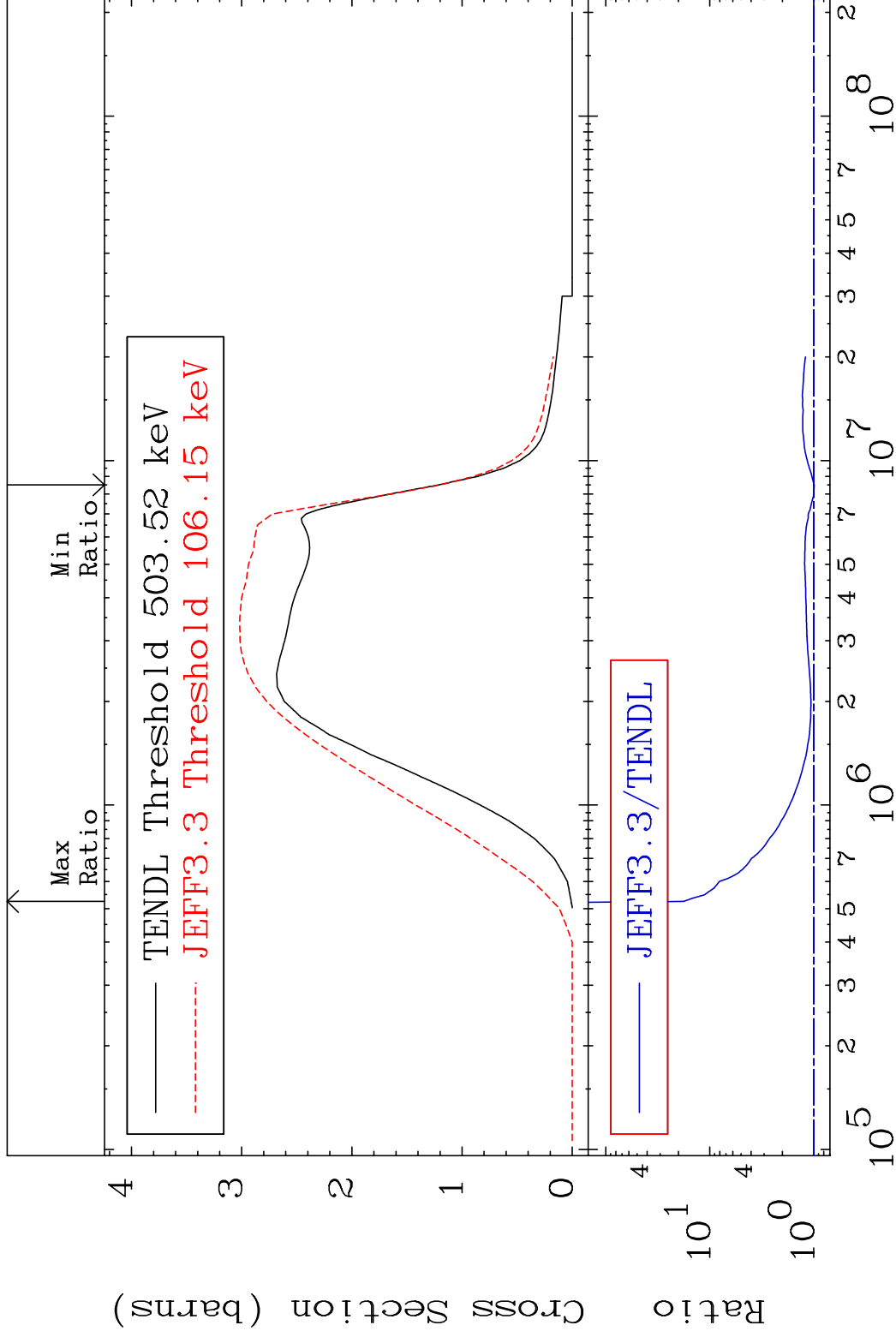


MAT 8931

(n, n') Continuum

89-Ac-227

Cross Section -1.015 To 1683. %



32

Incident Energy (eV)

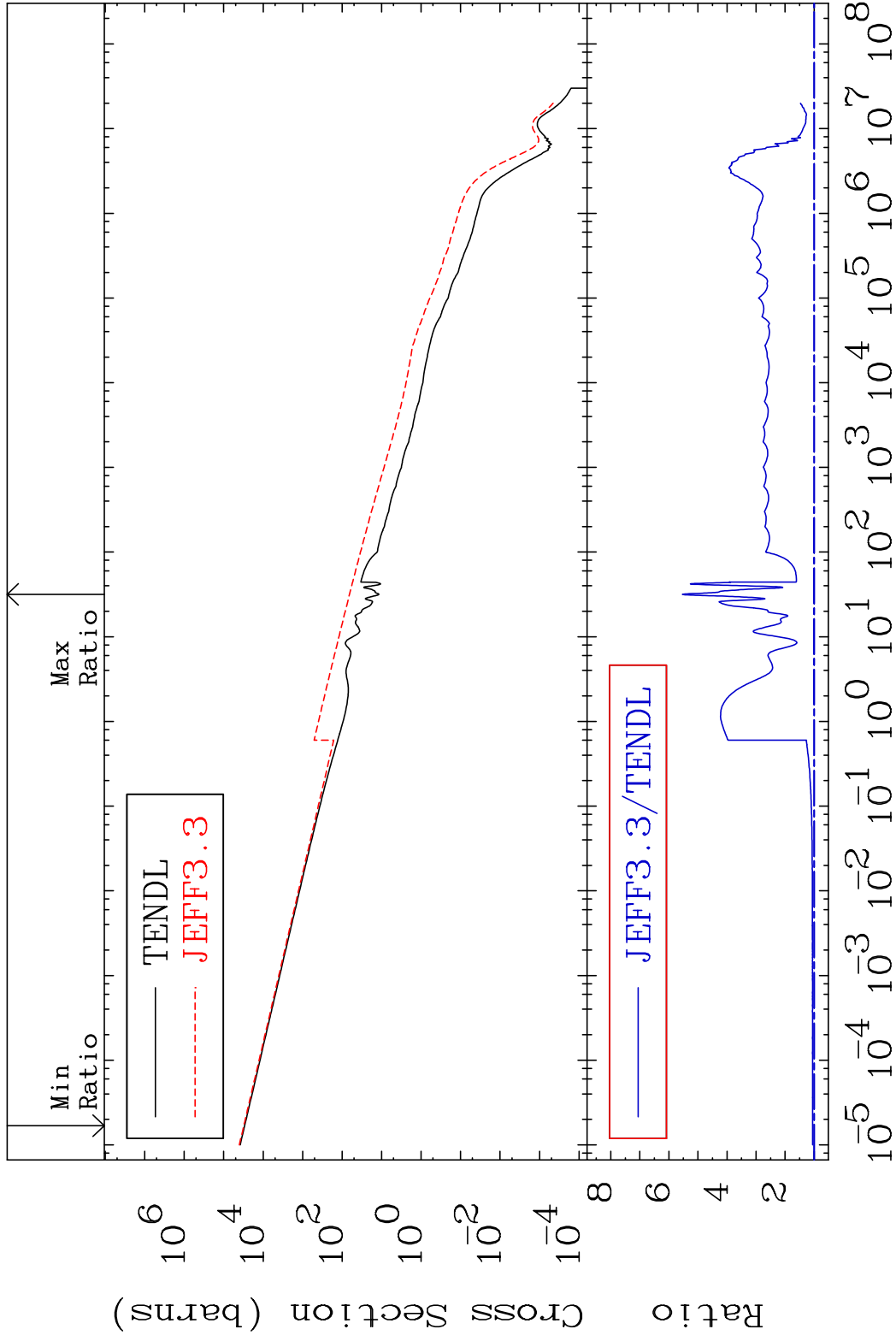
89-Ac-227

MAT 8931

(n, γ)

89-Ac-227

Cross Section 5.414 To 453.6 %

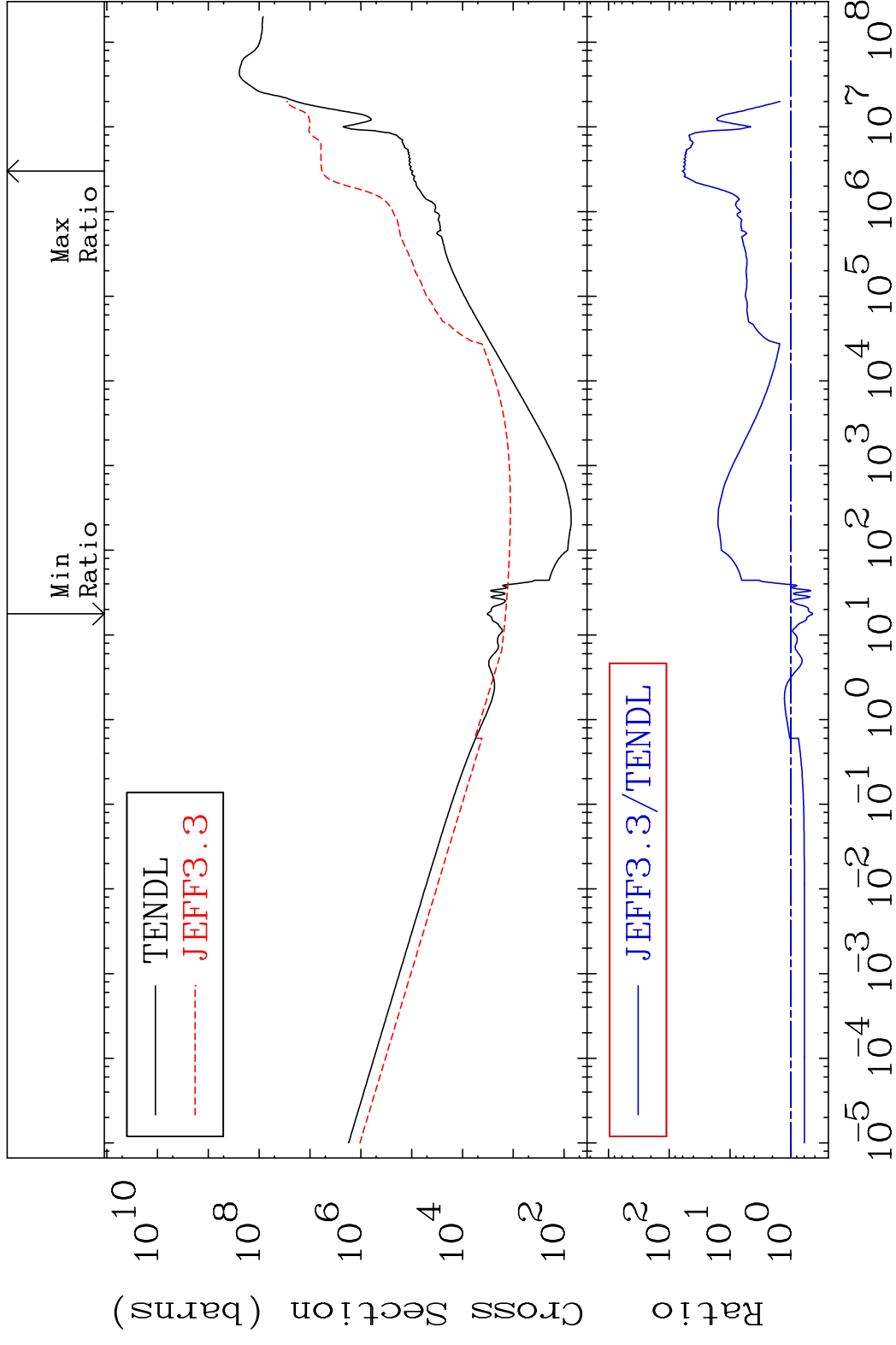


33

Incident Energy (eV)

89-Ac-227

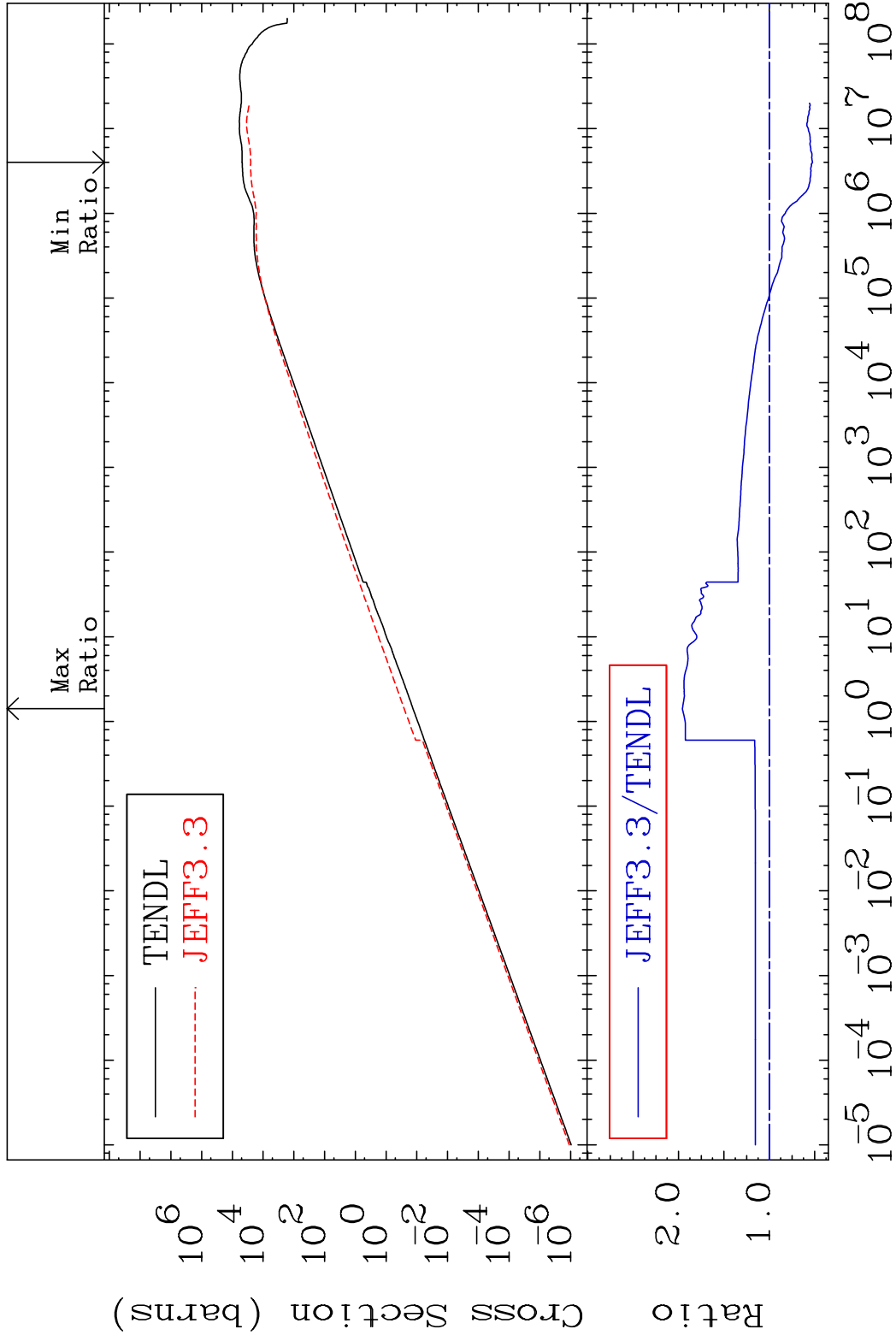
MAT 8931 Kerma total (eV-barns) 89-Ac-227
 Cross Section -56.21 To 5984. %



MAT 8931

Kerma elastic
Cross Section

89-Ac-227
-47.57 To 95.80 %

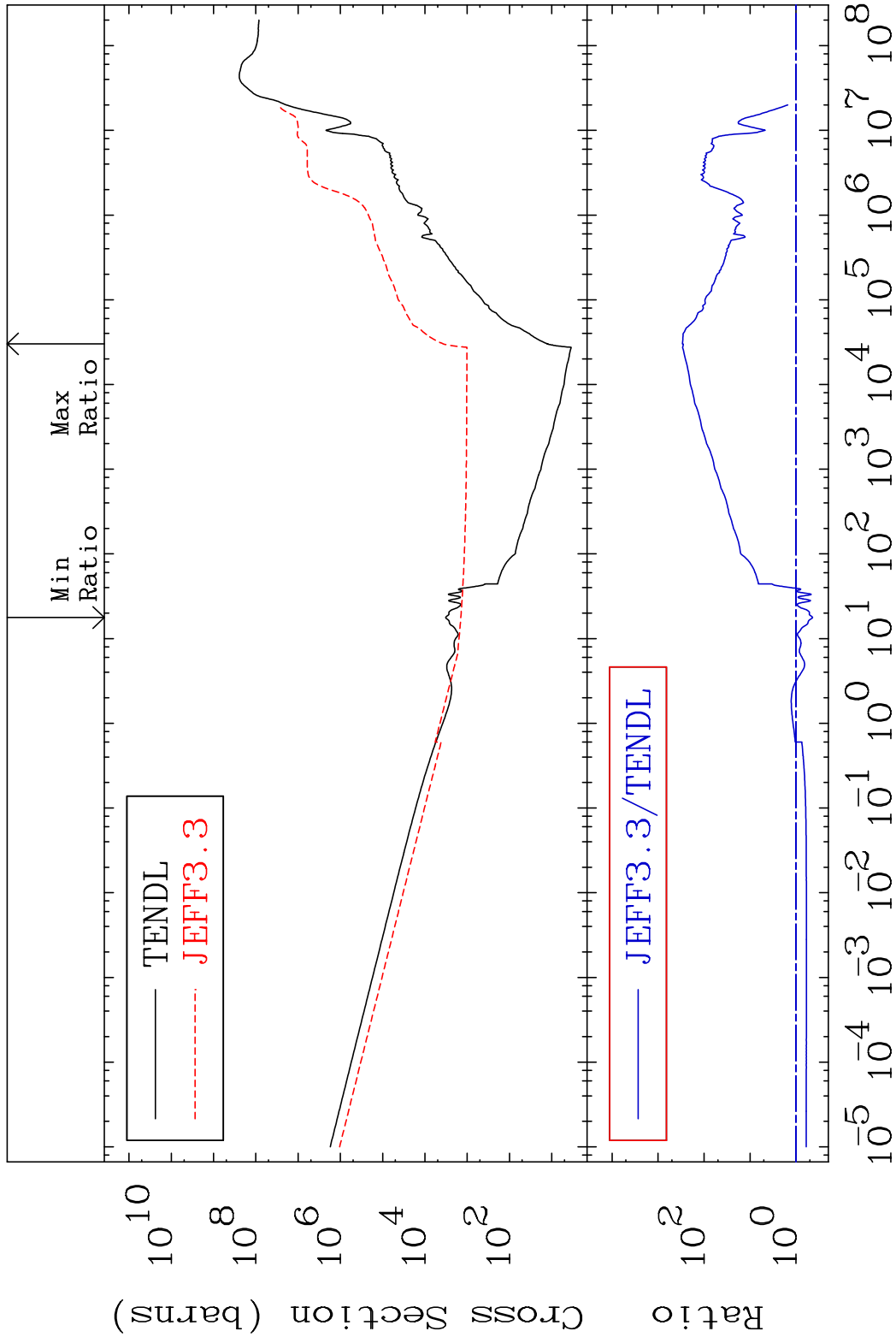


35

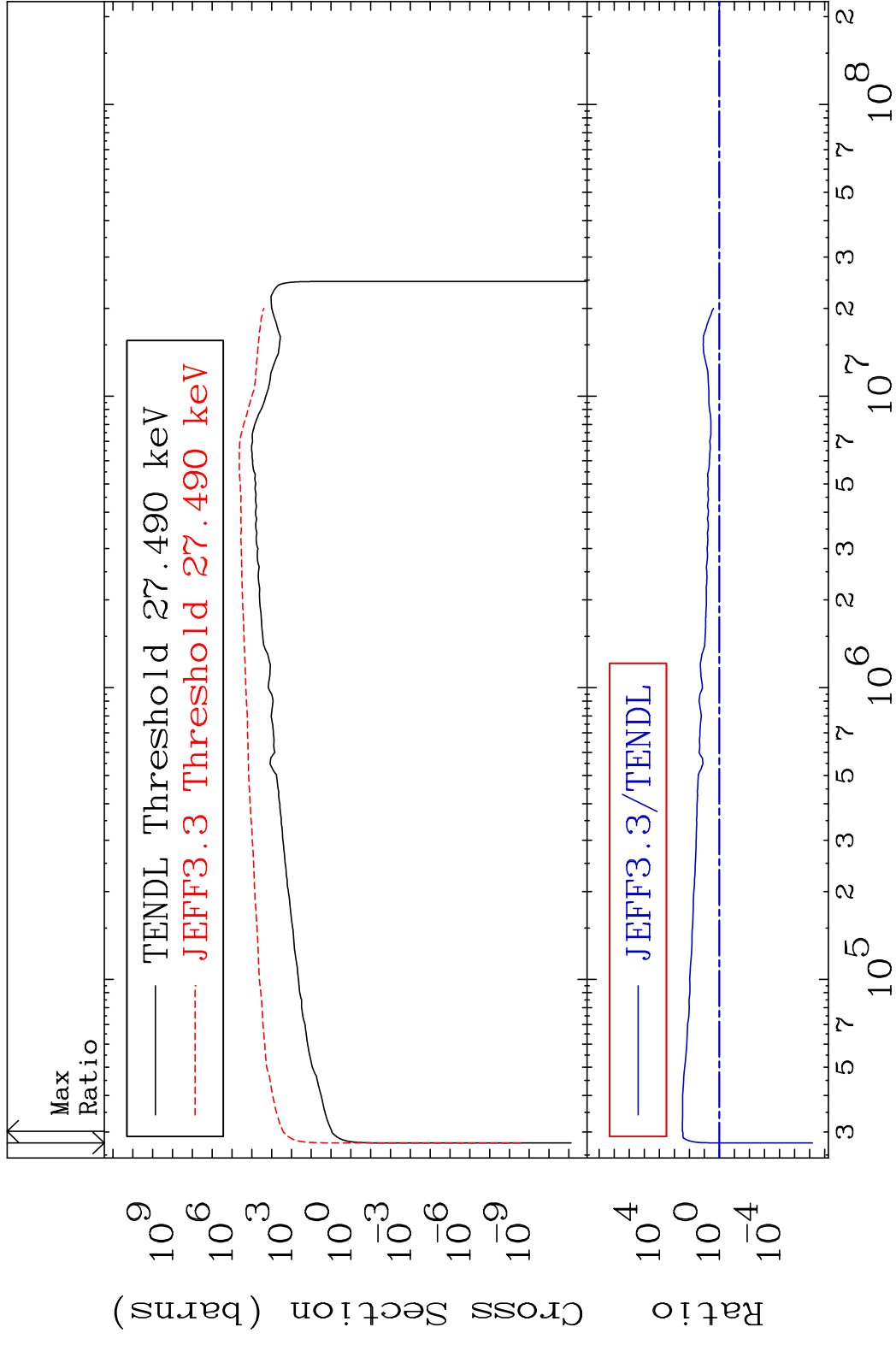
Incident Energy (eV)

89-Ac-227

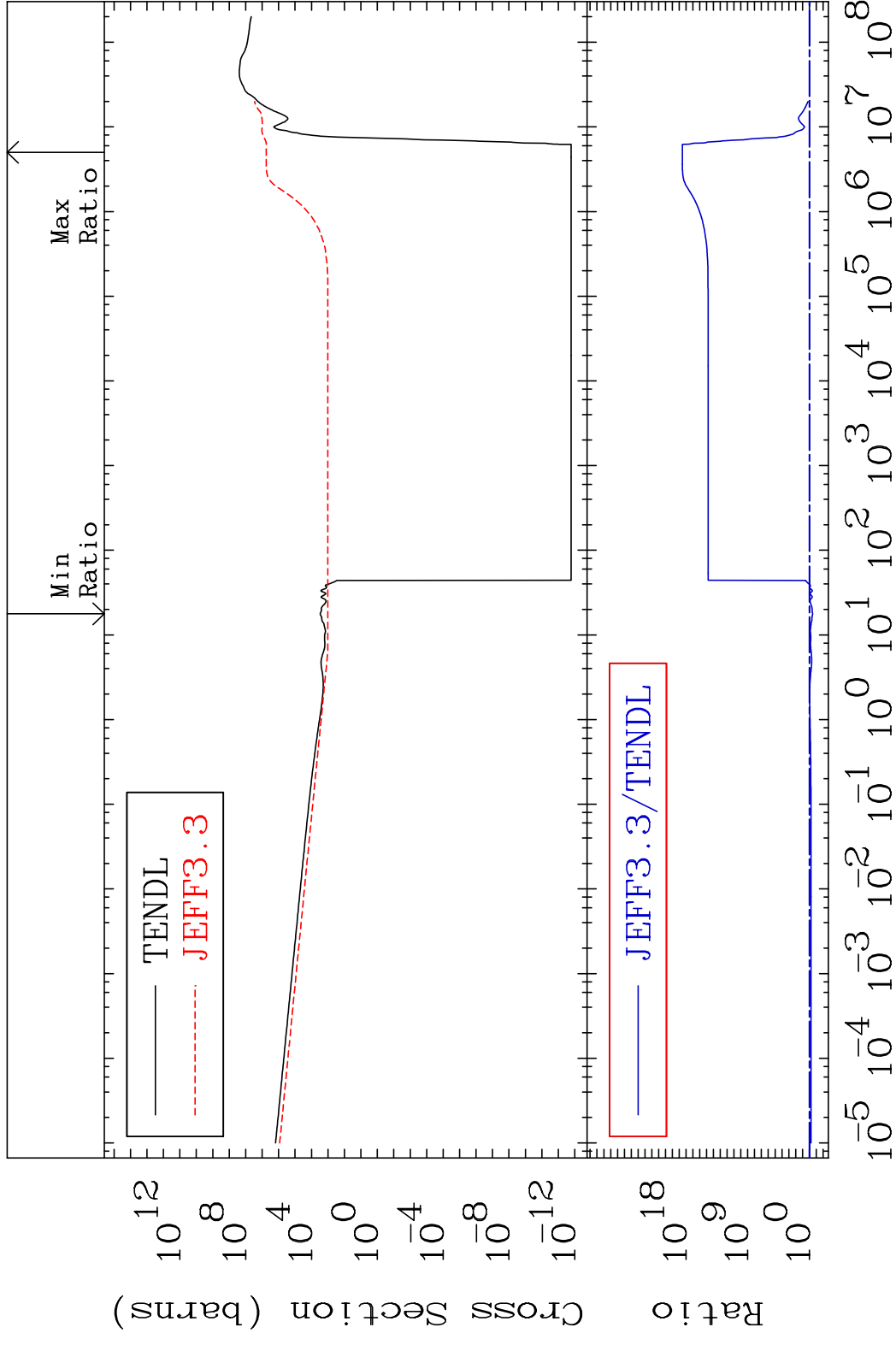
MAT 8931 Kerma non-elastic (all but mt2) 89-Ac-227
 Cross Section -56.28 To 9999. %



MAT 8931 Kerma inelastic (mt51-91) 89-Ac-227
 Cross Section -100.0 To 9999. %



MAT 8931 Kerma fission (mt18 or mt19-20-21-38) 89-Ac-227
 Cross Section -65.97 To 9999. %

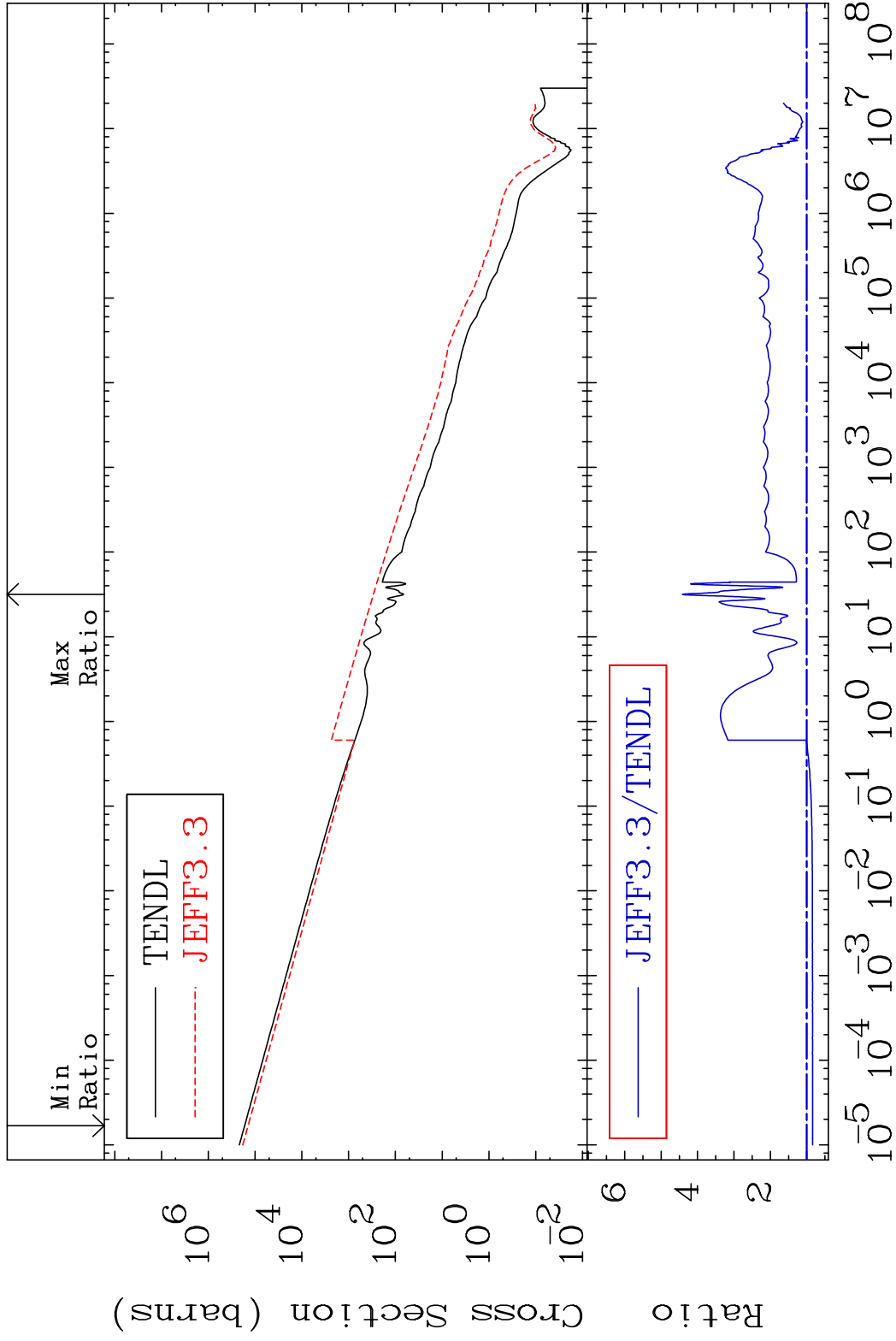


MAT 8931

Kerma capture (mt102)

89-Ac-227

Cross Section -15.87 To 341.7 %

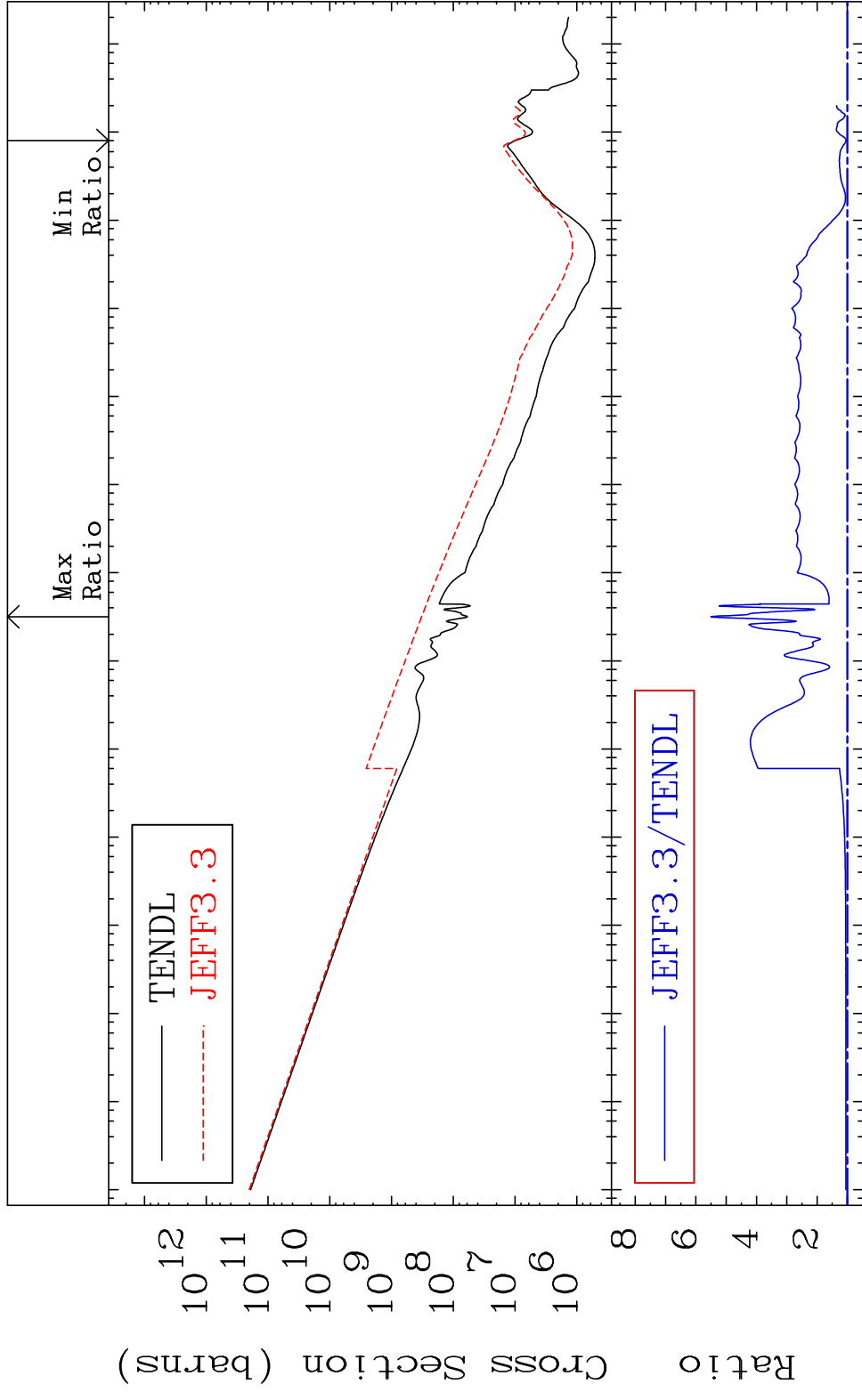


39

Incident Energy (eV)

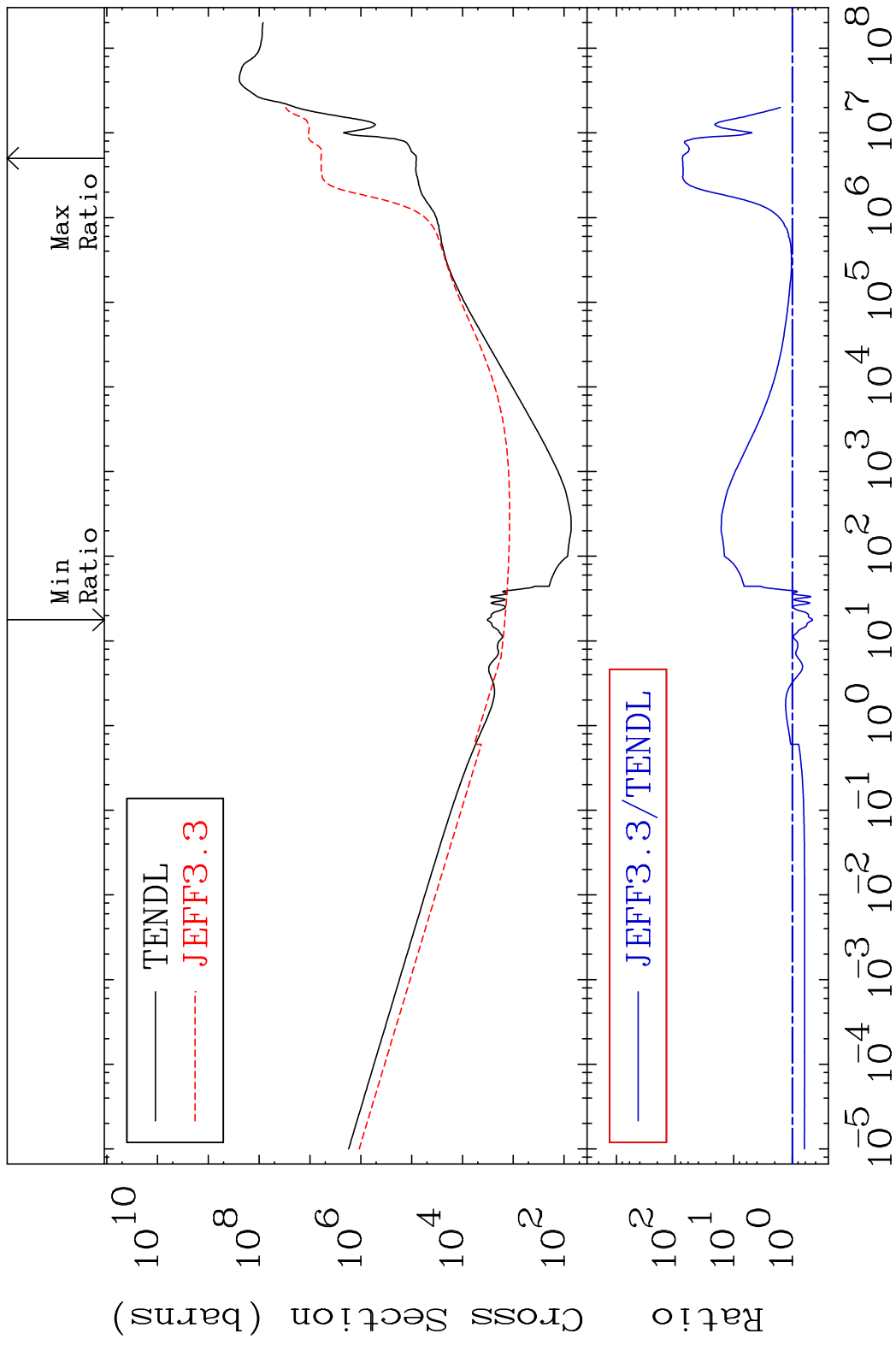
89-Ac-227

MAT 8931 Total photon (eV-barns) 89-Ac-227
 Cross Section 3.484 To 451.0 %



40 Incident Energy (eV) 89-Ac-227

MAT 8931 Total kinematic kerma (high limit) 89-Ac-227
 Cross Section -54.90 To 7407. %

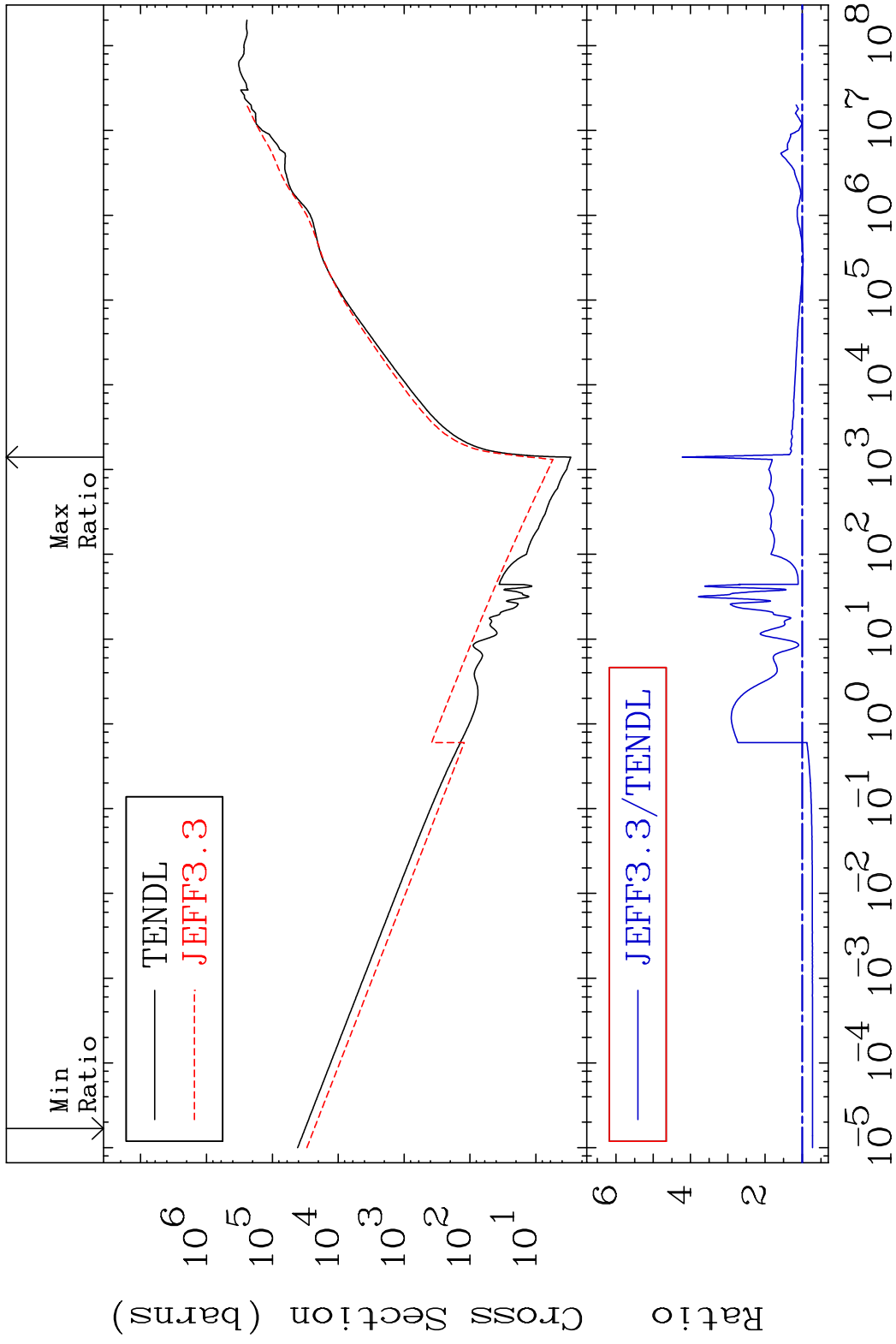


MAT 8931

Dpa total (eV-barns)

89-Ac-227

Cross Section -27.41 To 322.4 %



42

Incident Energy (eV)

89-Ac-227

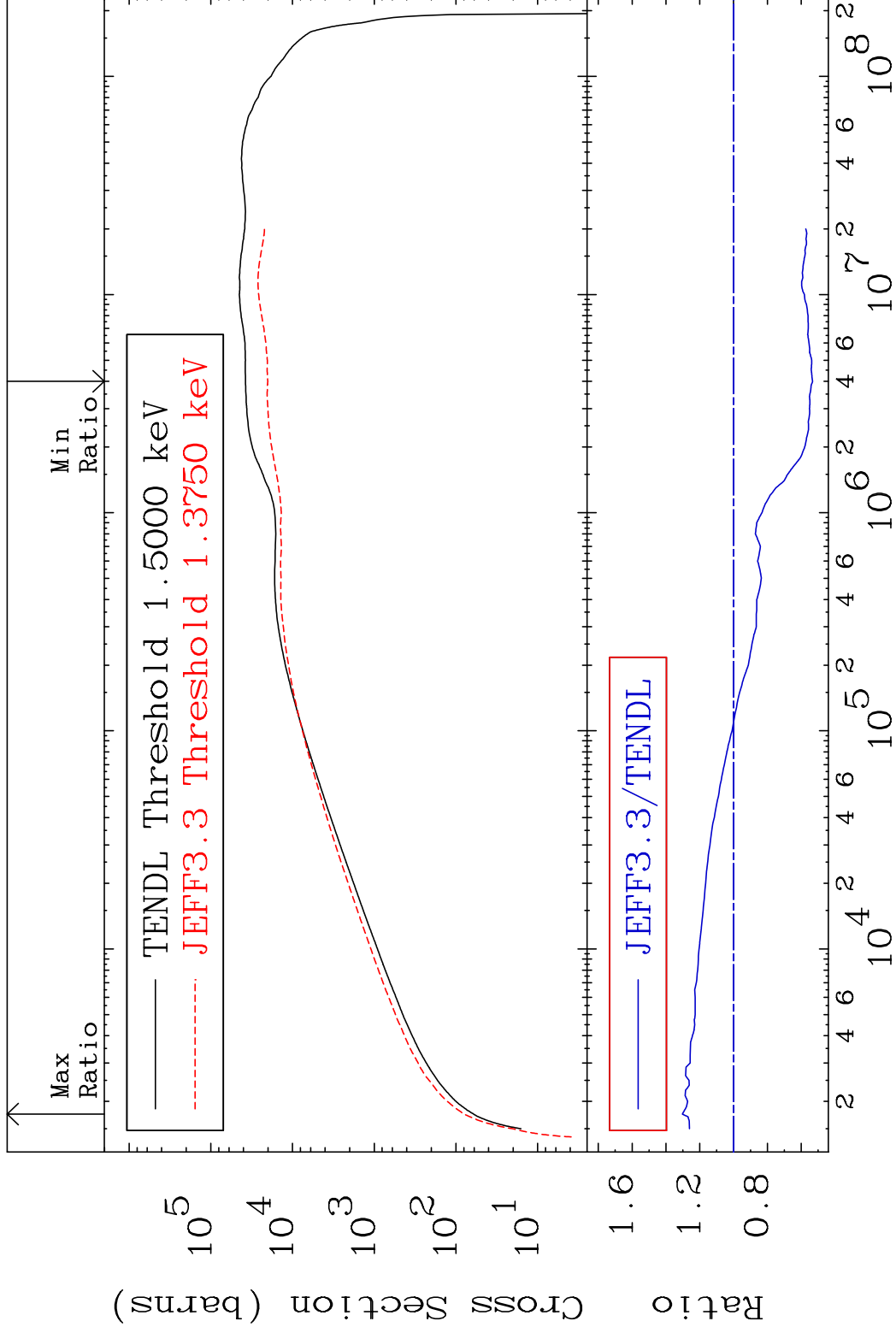
MAT 8931

Dpa elastic (mt2)

89-Ac-227

Cross Section

-46.71 To 30.29 %

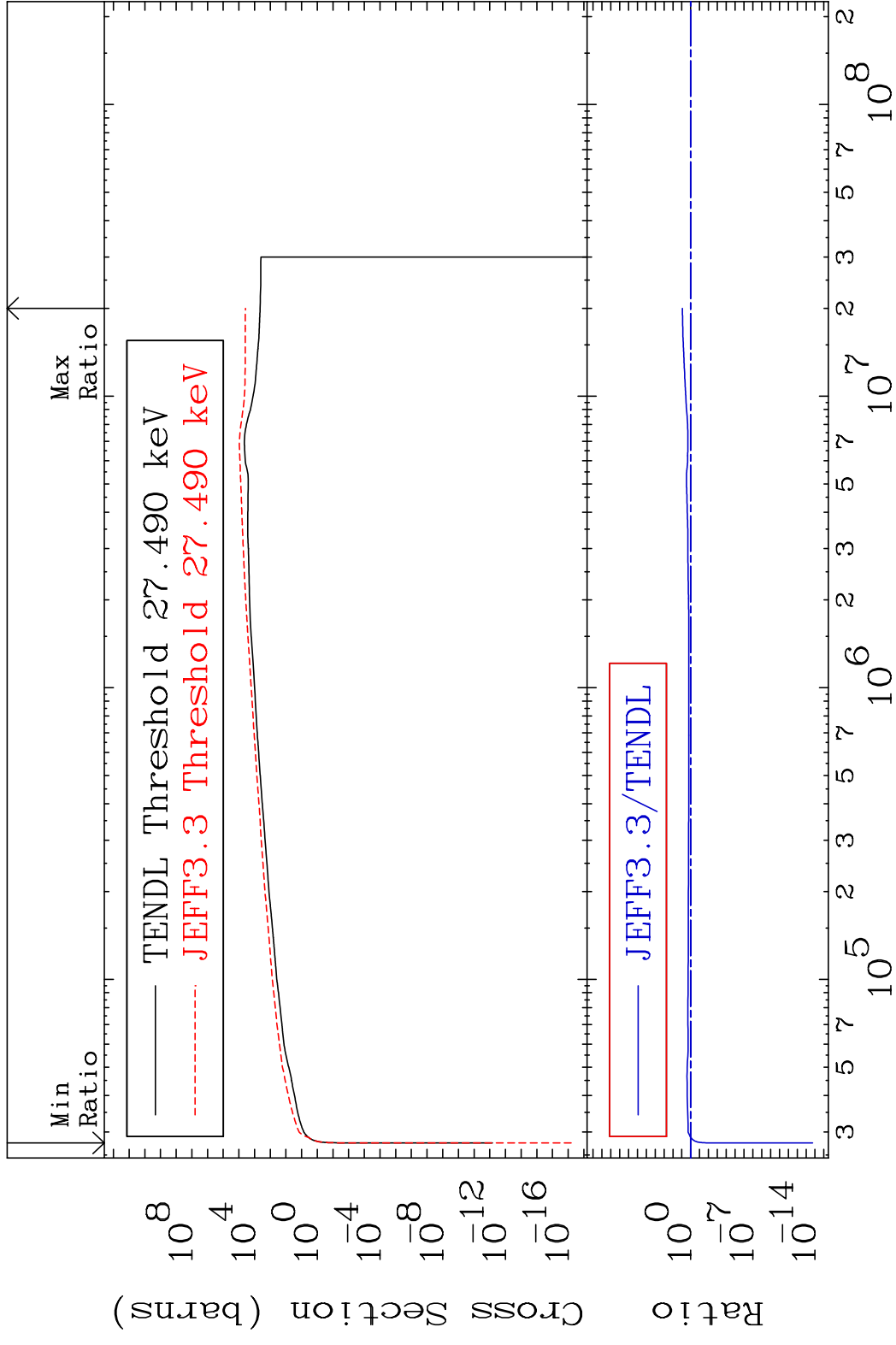


43

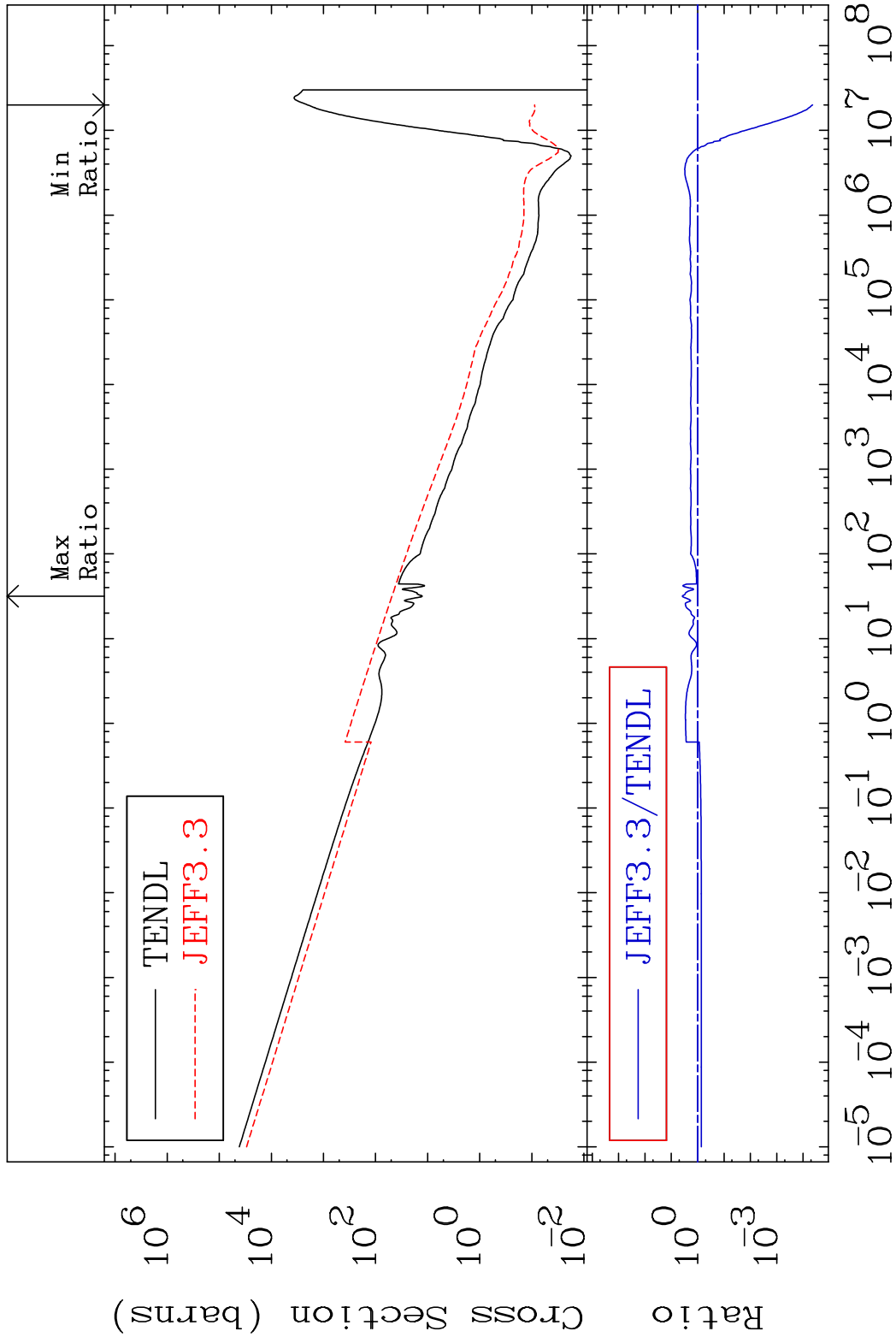
Incident Energy (eV)

89-Ac-227

MAT 8931 Dpa inelastic (mt51-91) 89-Ac-227
 Cross Section -100.0 To 770.1 %



MAT 8931 Dpa disappearance (mt102 -120) 89-Ac-227
 Cross Section -100.0 To 281.1 %



45 Incident Energy (eV) 89-Ac-227