

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

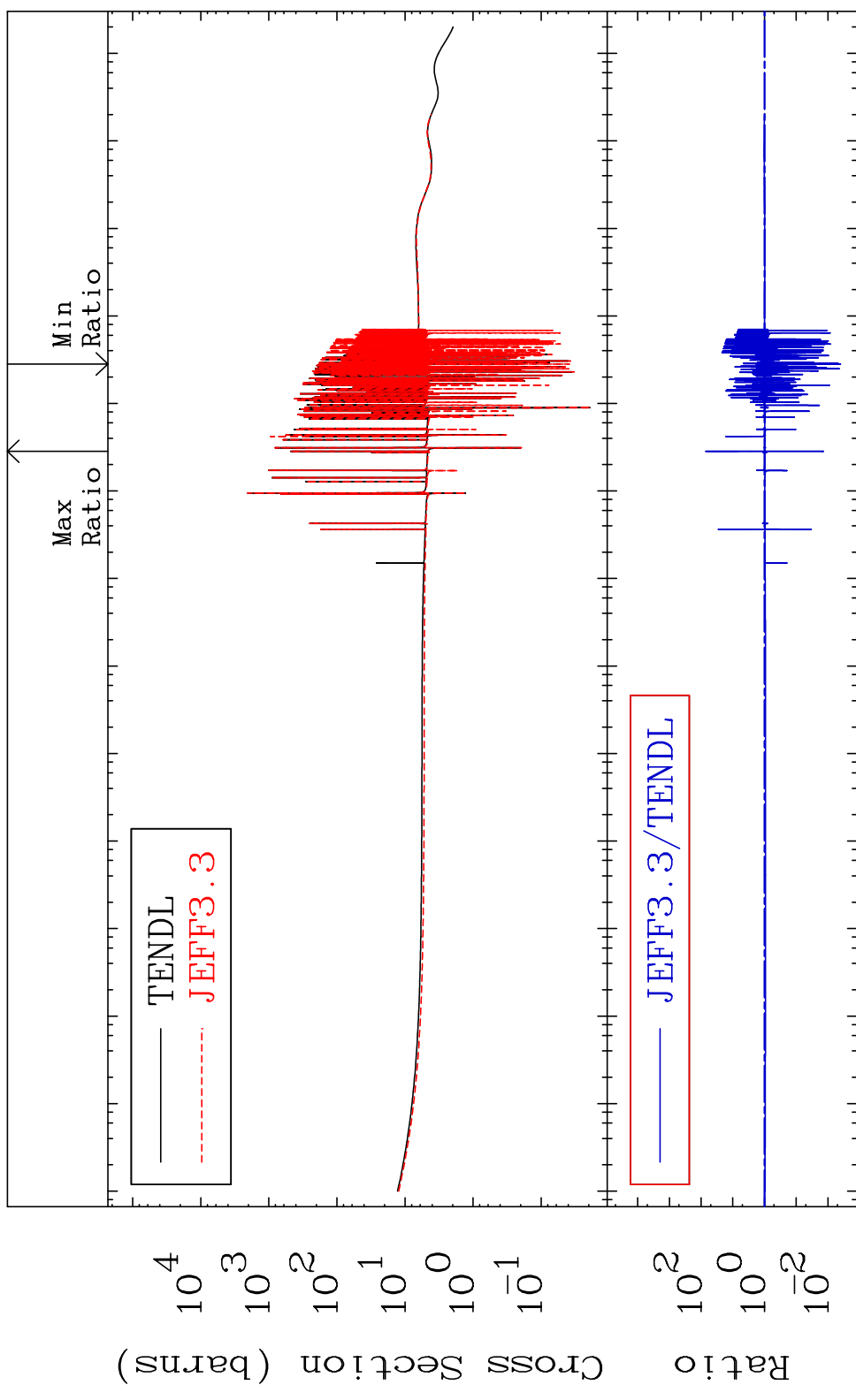
MAT 5049

Total

50-Sn-120

Cross Section

-99.60 To 7030. %



1

Incident Energy (eV)

50-Sn-120

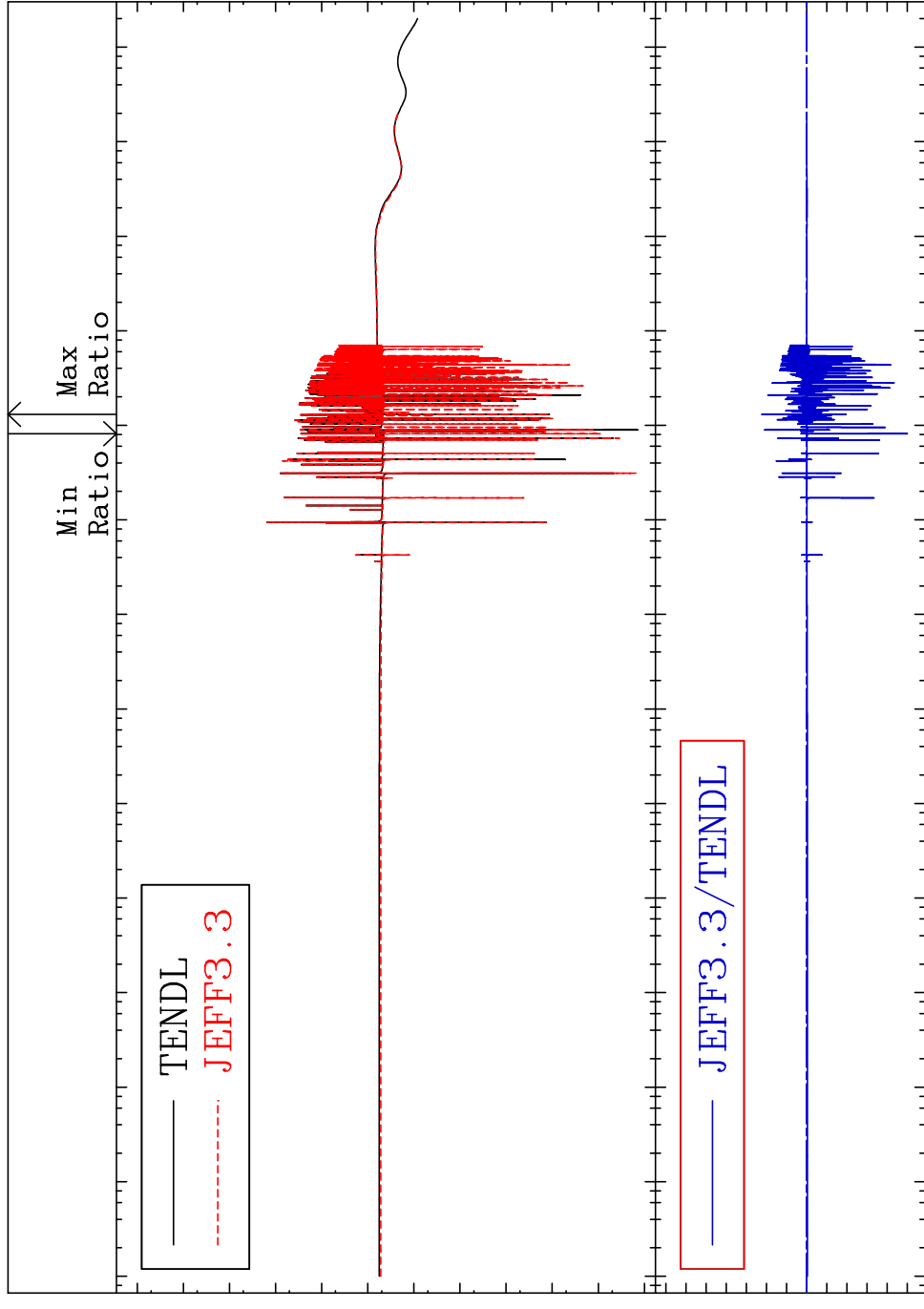
MAT 5049

Elastic

50-Sn-120

Cross Section

-100.0 To 9999. %



Ratio

10⁴

10²

10⁰

10⁻²

10⁻⁴

10⁴

10⁰

10⁻⁴

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

2

Incident Energy (eV)

50-Sn-120

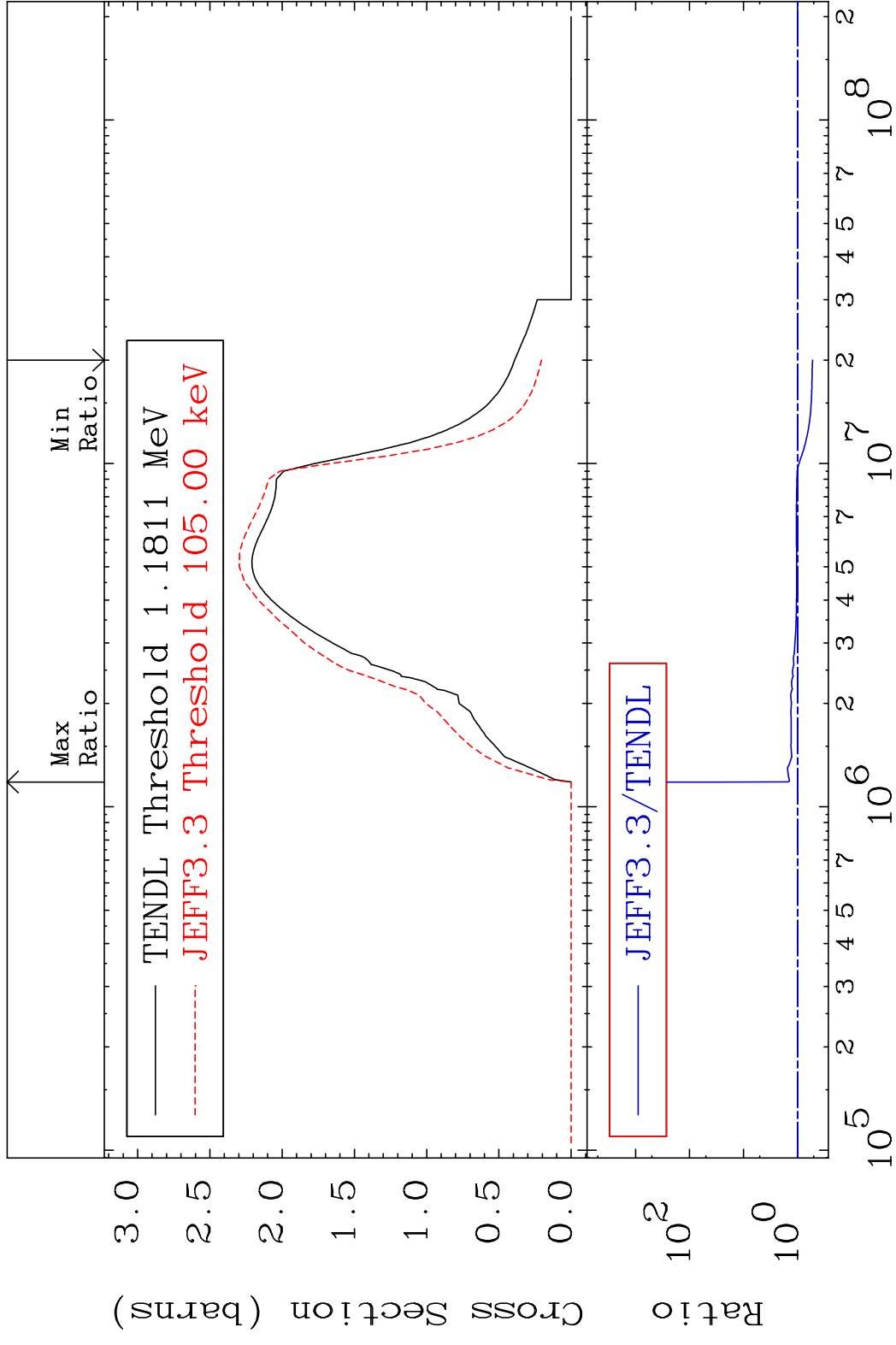
MAT 5049

Inelastic

Cross Section

-47.33 To 9999. %

50-Sn-120



3

Incident Energy (eV)

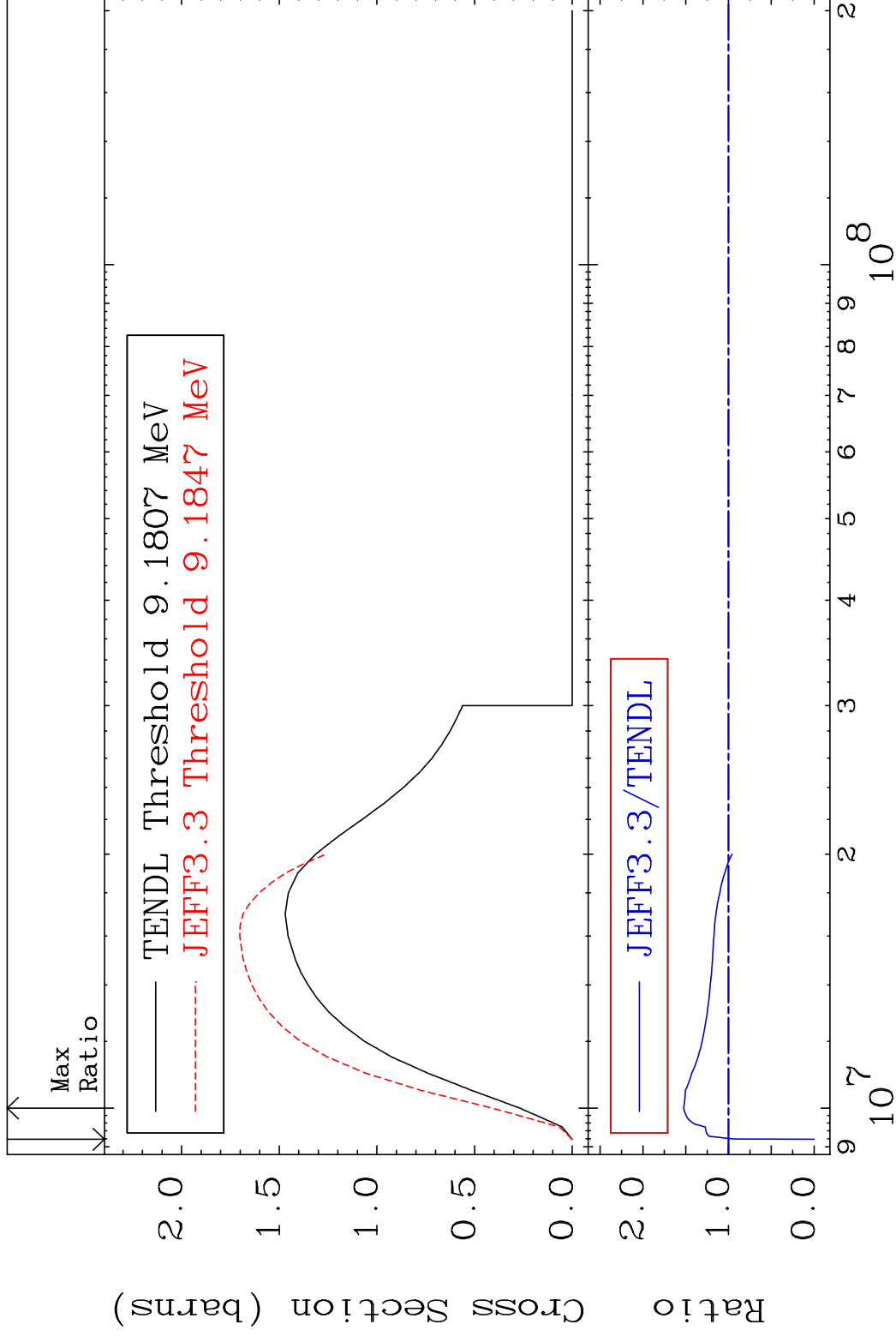
50-Sn-120

MAT 5049

(n,2n)

50-Sn-120

Cross Section -100.0 To 52.41 %



4

Incident Energy (eV)

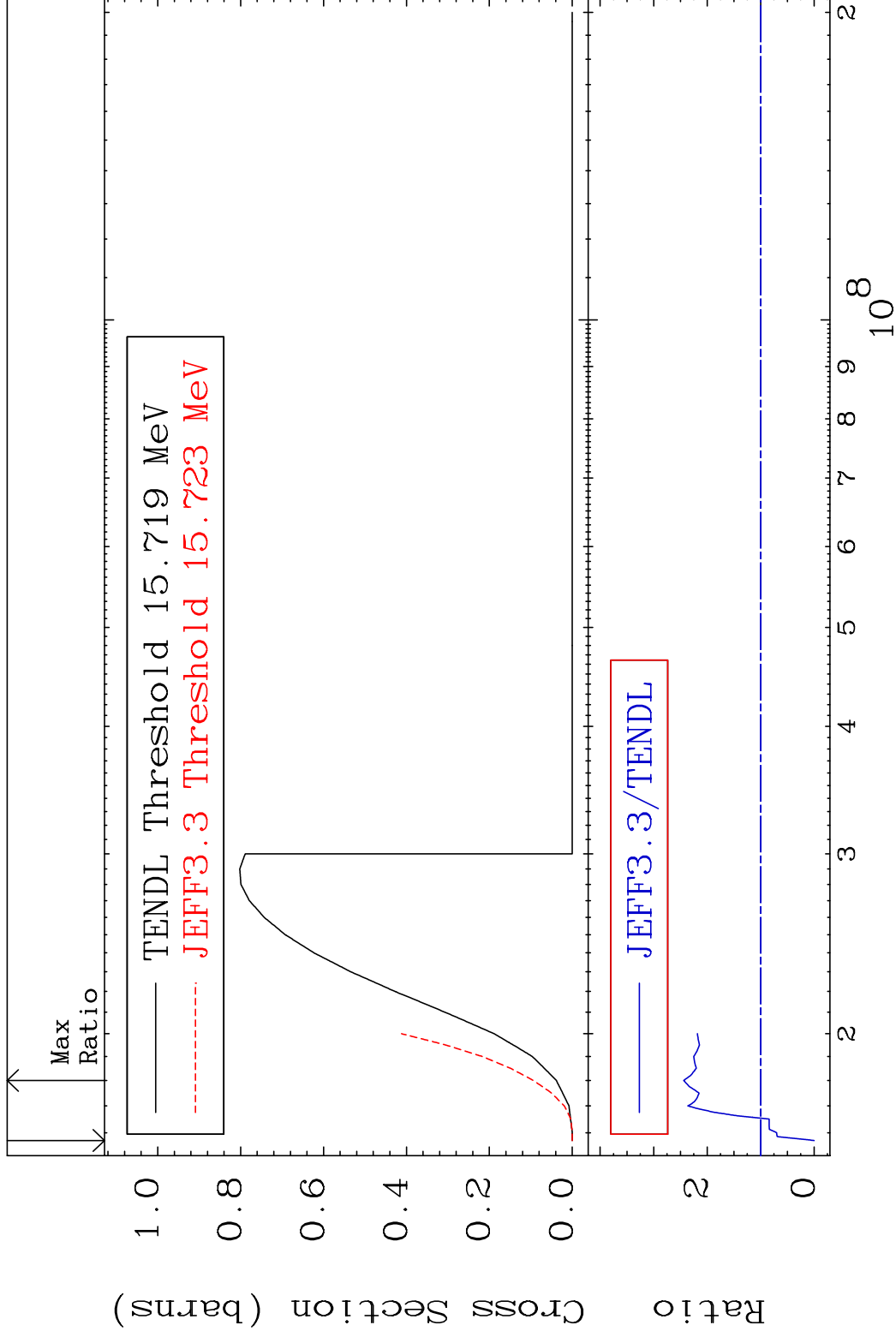
50-Sn-120

MAT 5049

(n,3n)

50-Sn-120

Cross Section -100.0 To 143.9 %

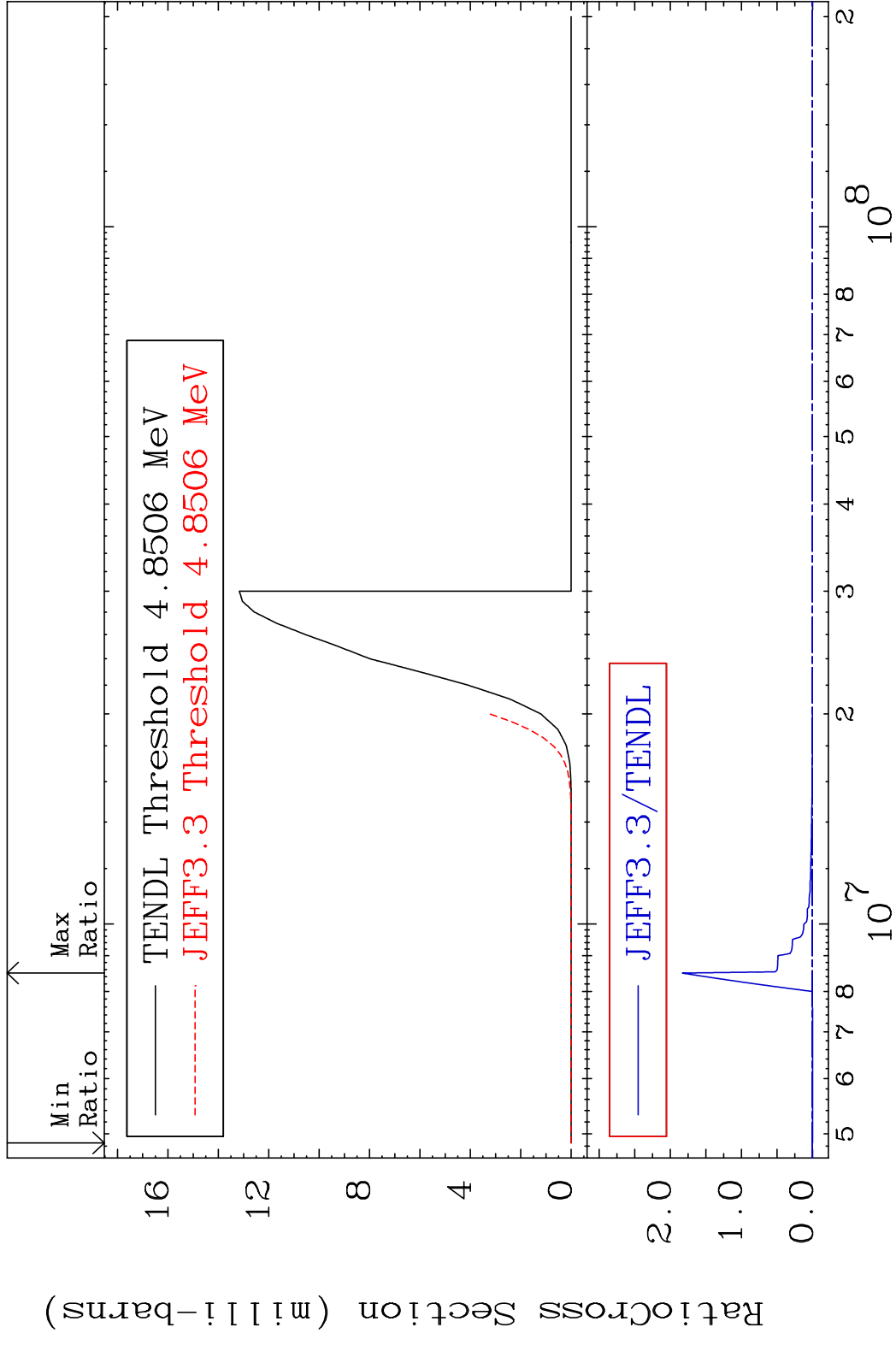


5

Incident Energy (eV)

50-Sn-120

MAT 5049 (n, n') α 50-Sn-120
 Cross Section -100.0 To 9999. %



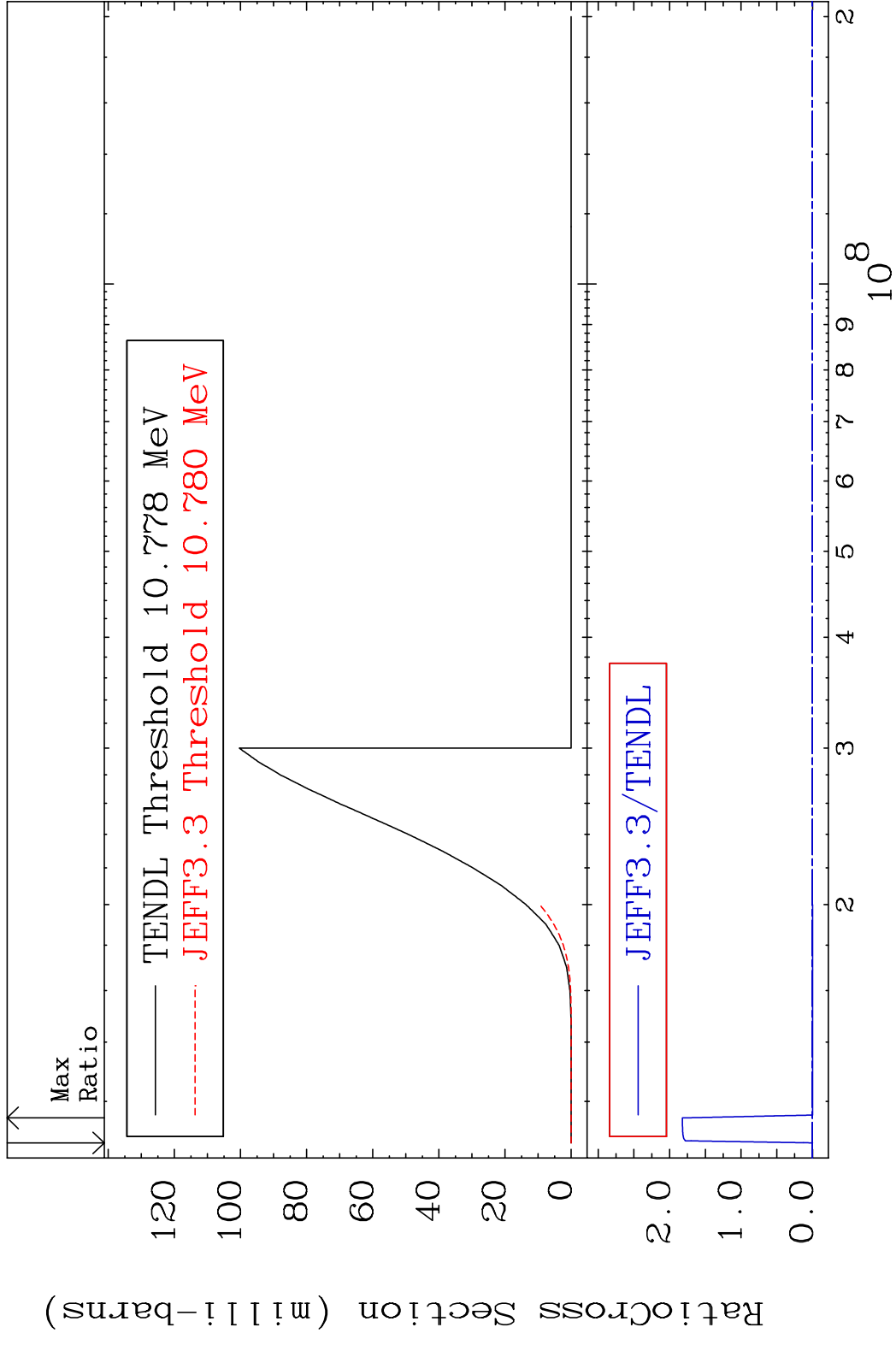
MAT 5049

(n, n') p

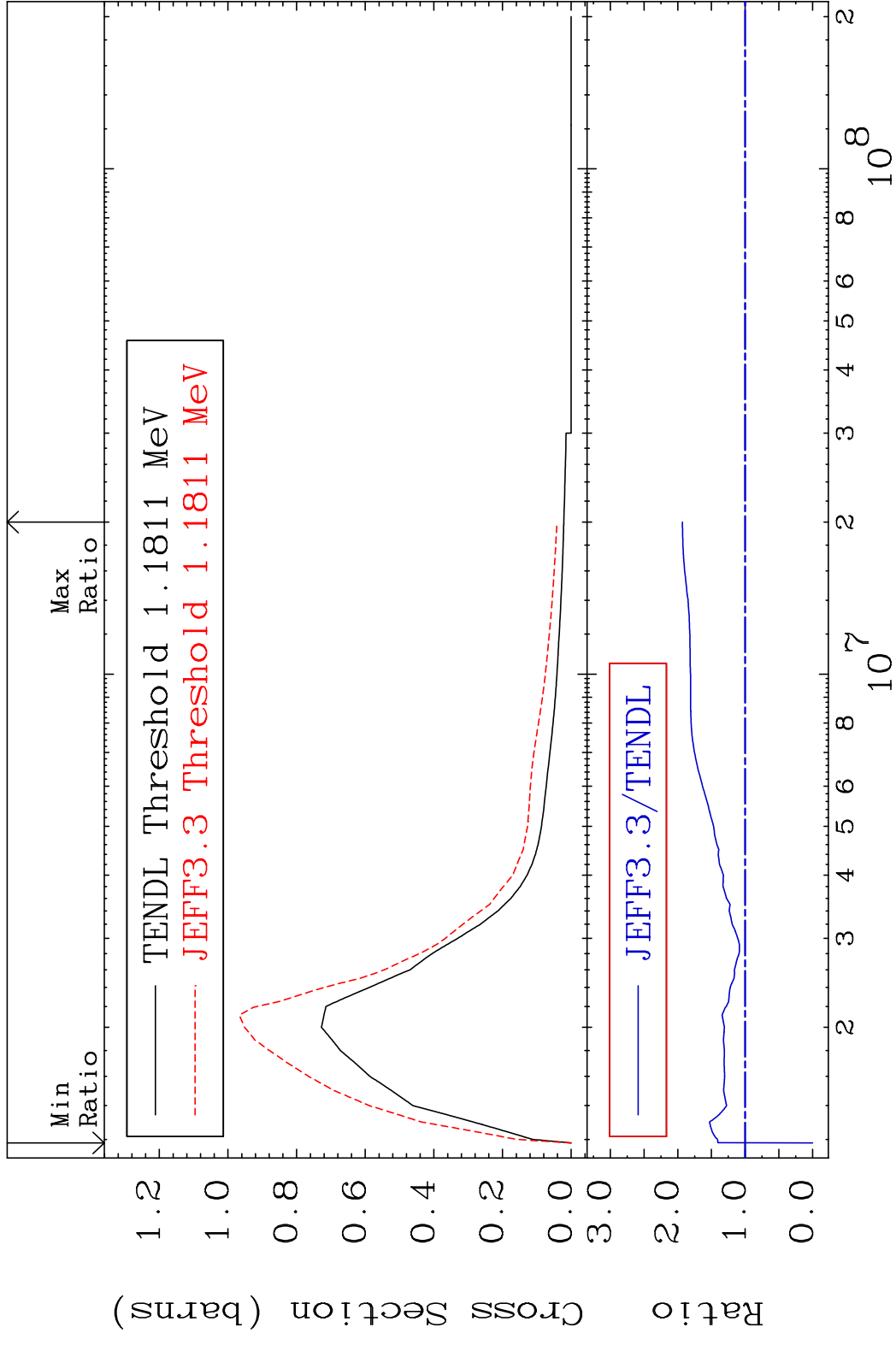
50-Sn-120

Cross Section

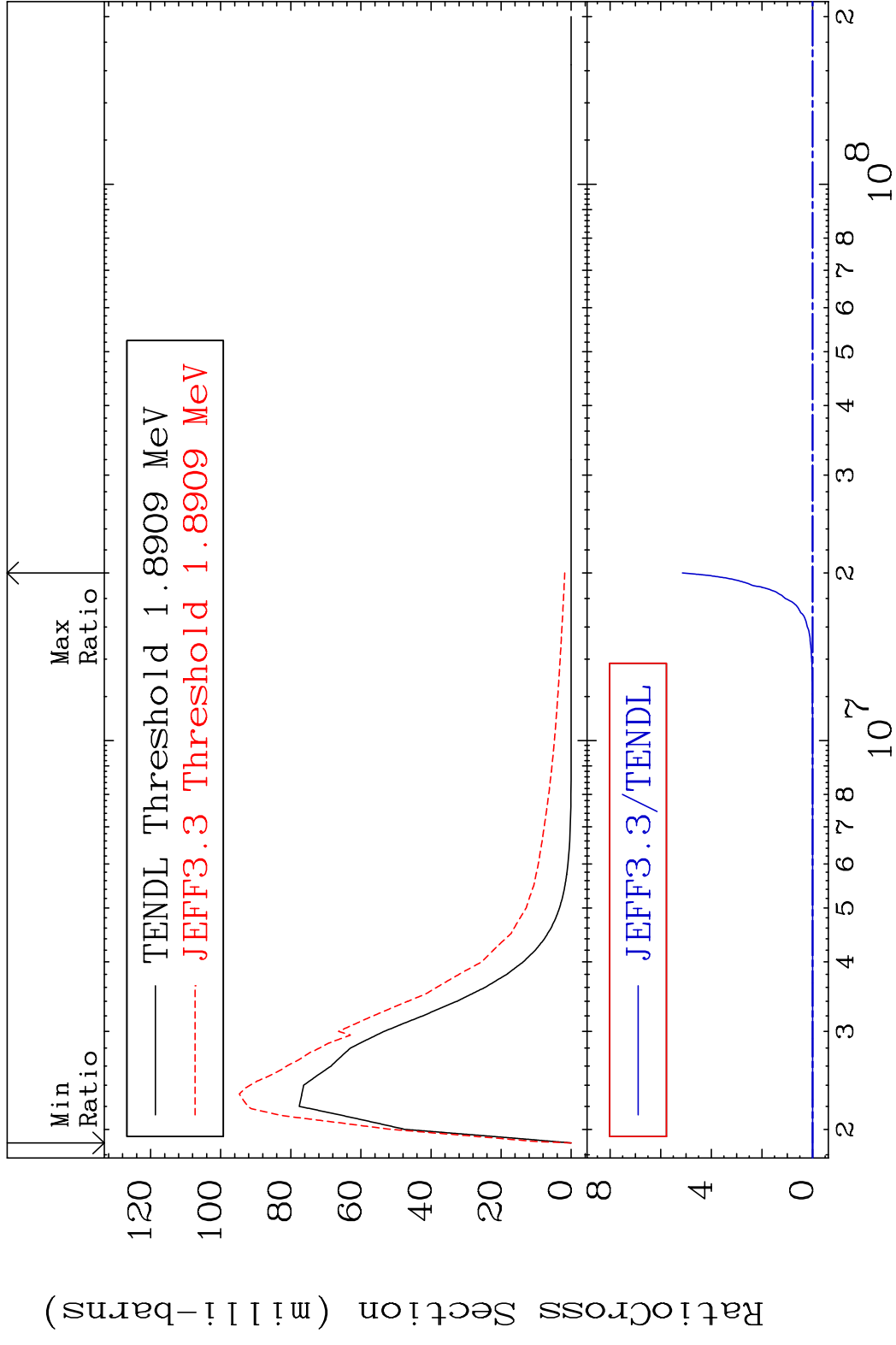
-100.0 To 9999. %



MAT 5049 MT= 51 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 93.19 %

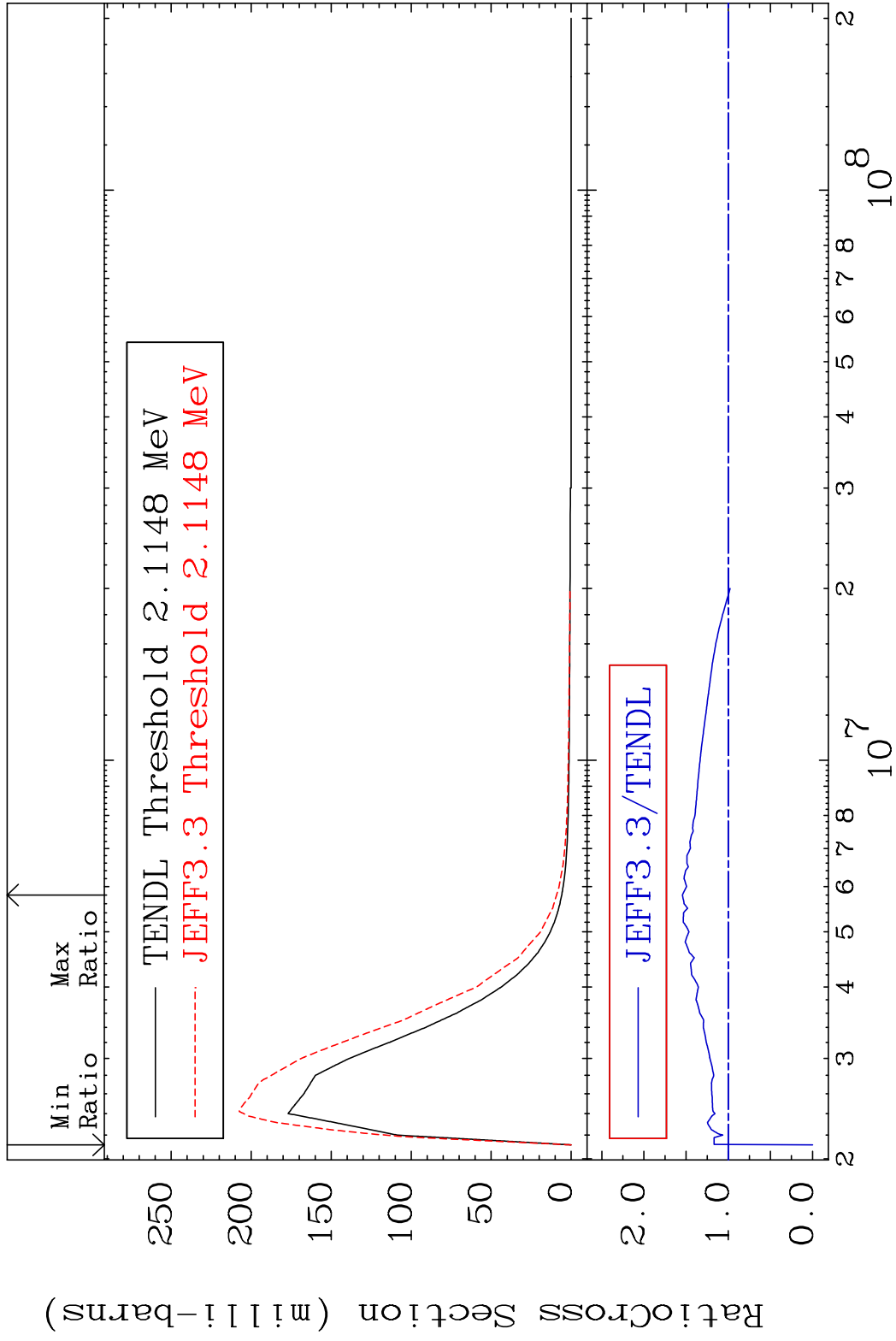


MAT 5049 MT= 52 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 9999. %



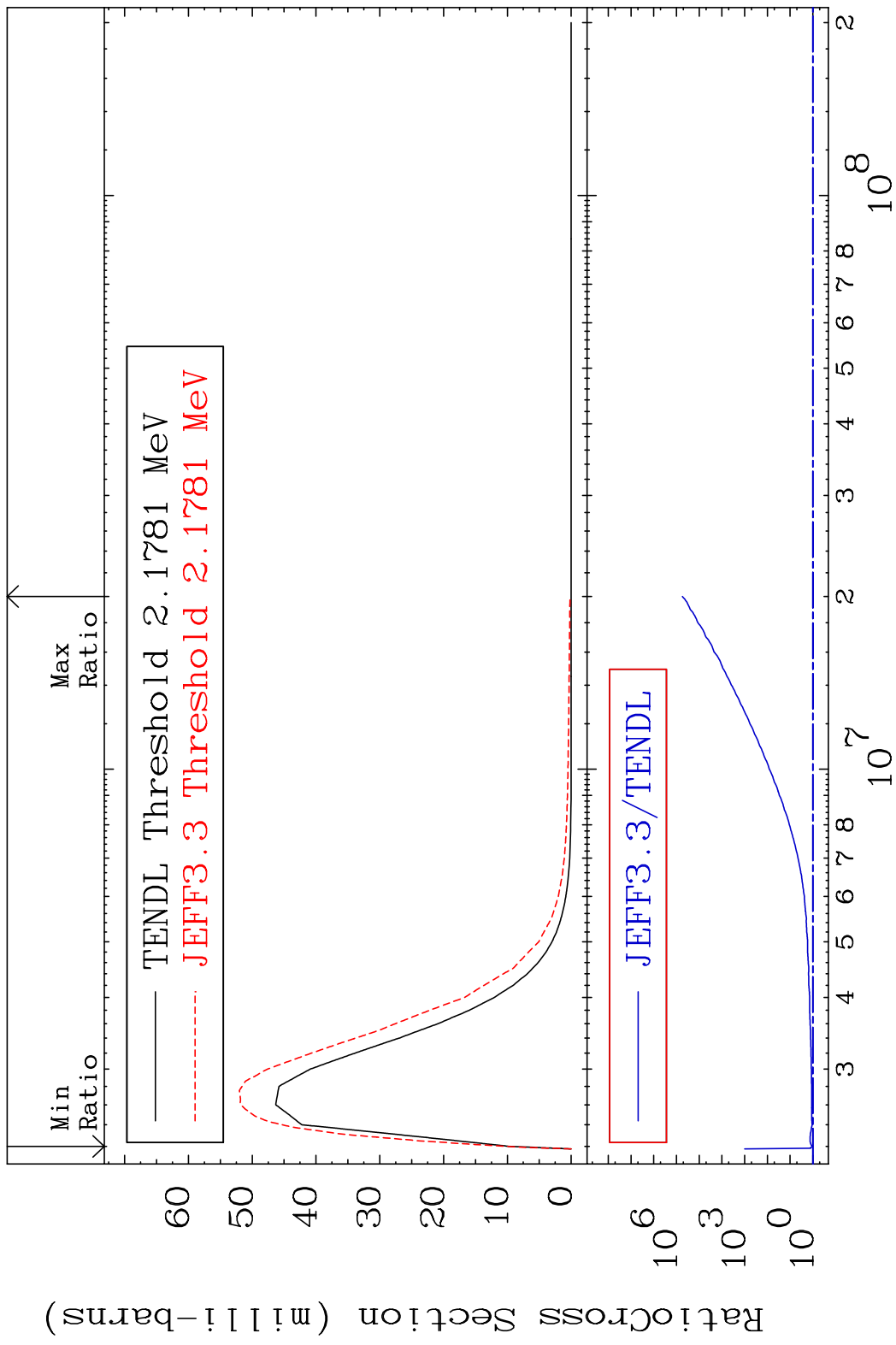
9 Incident Energy (eV) 50-Sn-120

MAT 5049 MT= 53 (n, n') Level 50-Sn-120
Cross Section -100.0 To 54.45 %

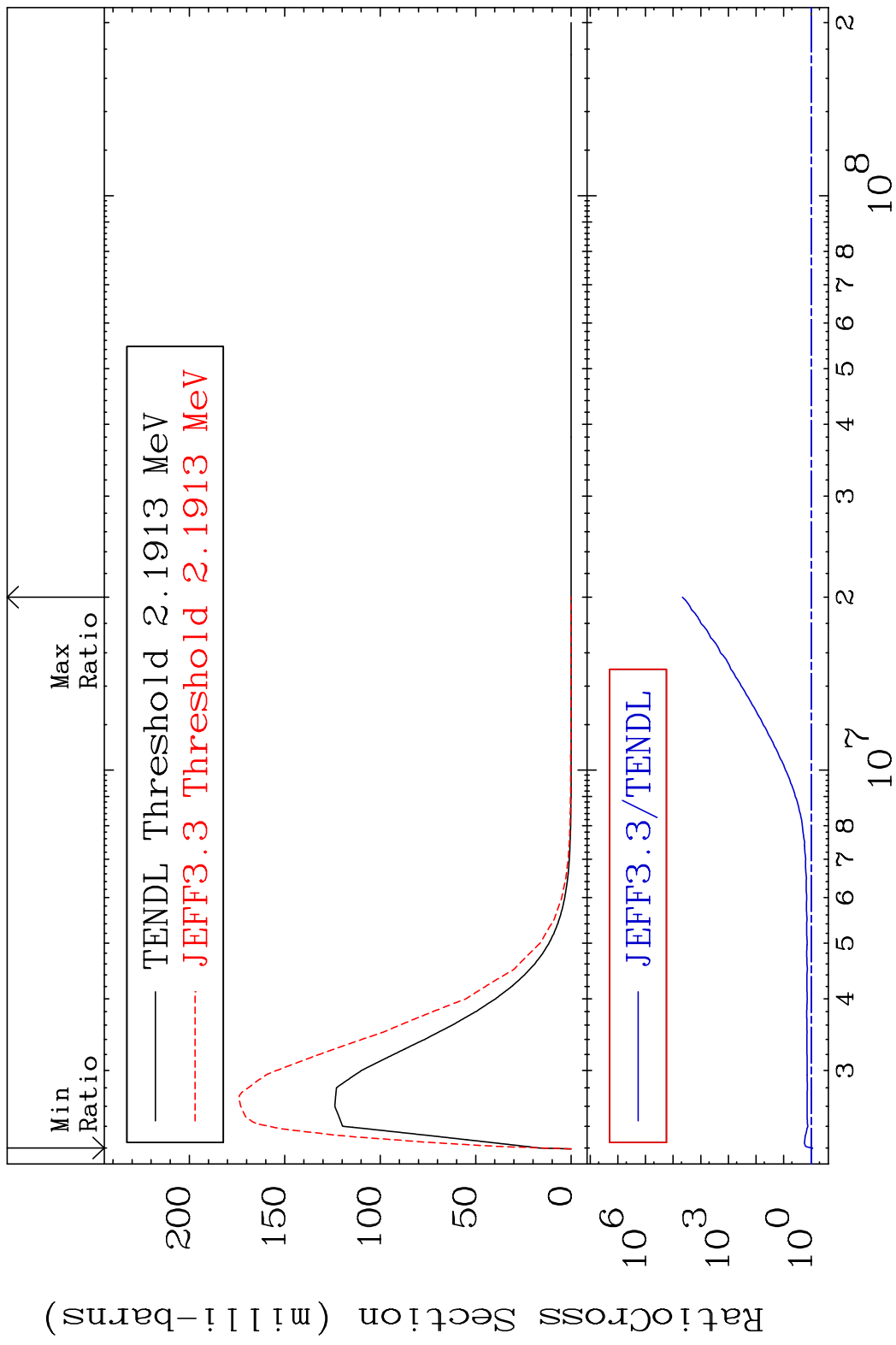


10 Incident Energy (eV) 50-Sn-120

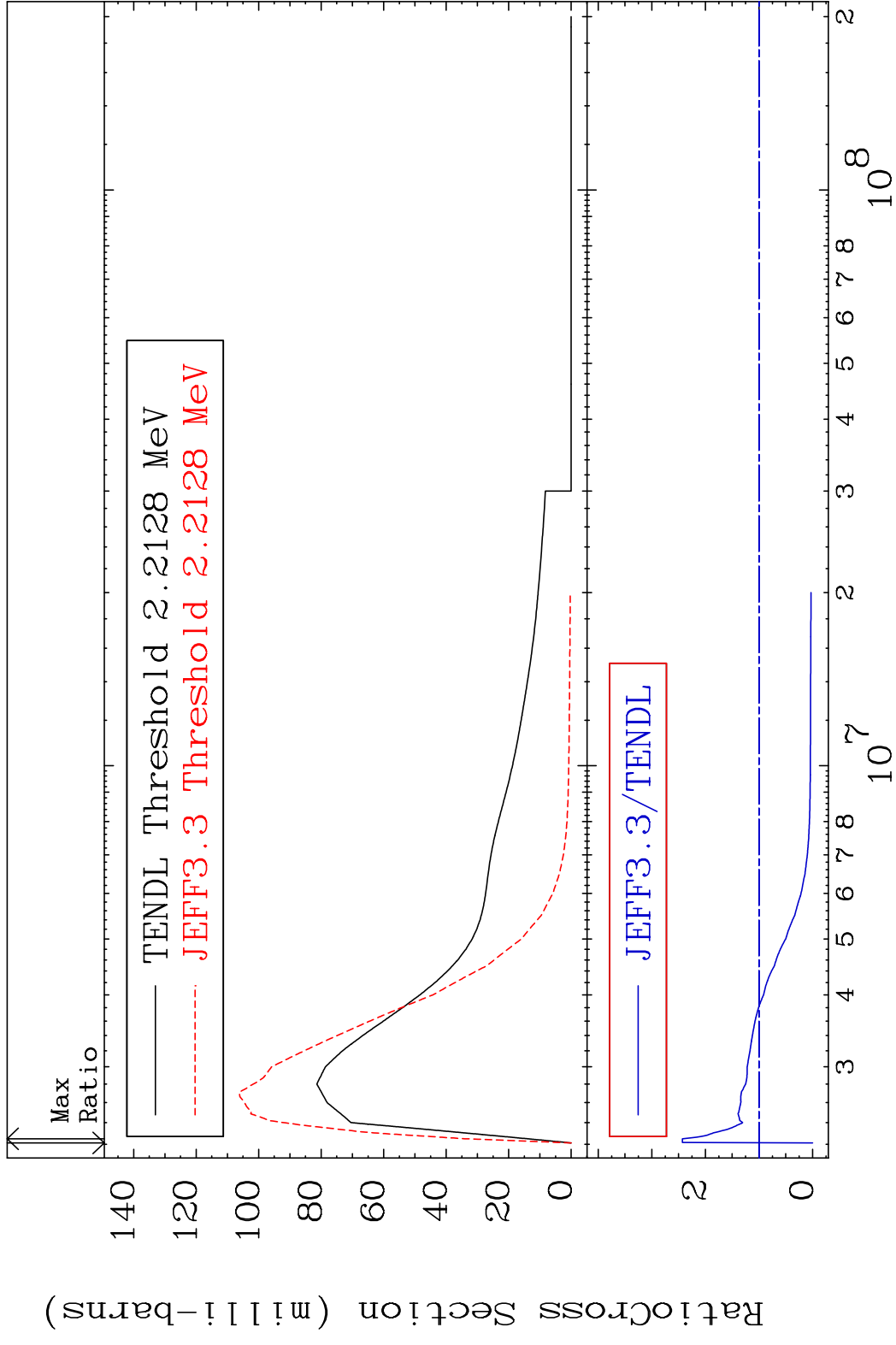
MAT 5049 MT= 54 (n, n') Level 50-Sn-120
 Cross Section 3.058 To 9999. %



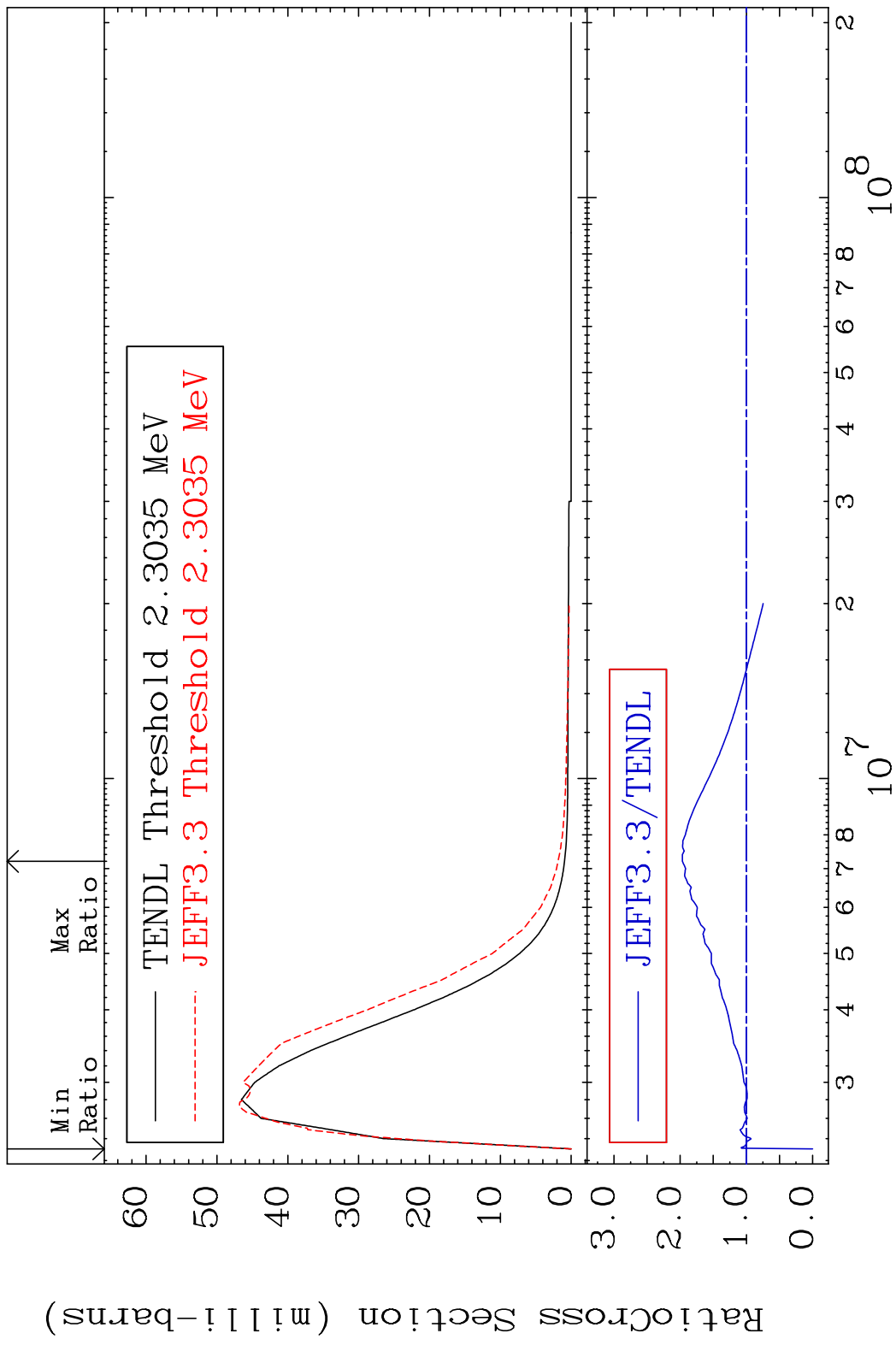
MAT 5049 MT= 55 (n, n') Level 50-Sn-120
 Cross Section -10.59 To 9999. %



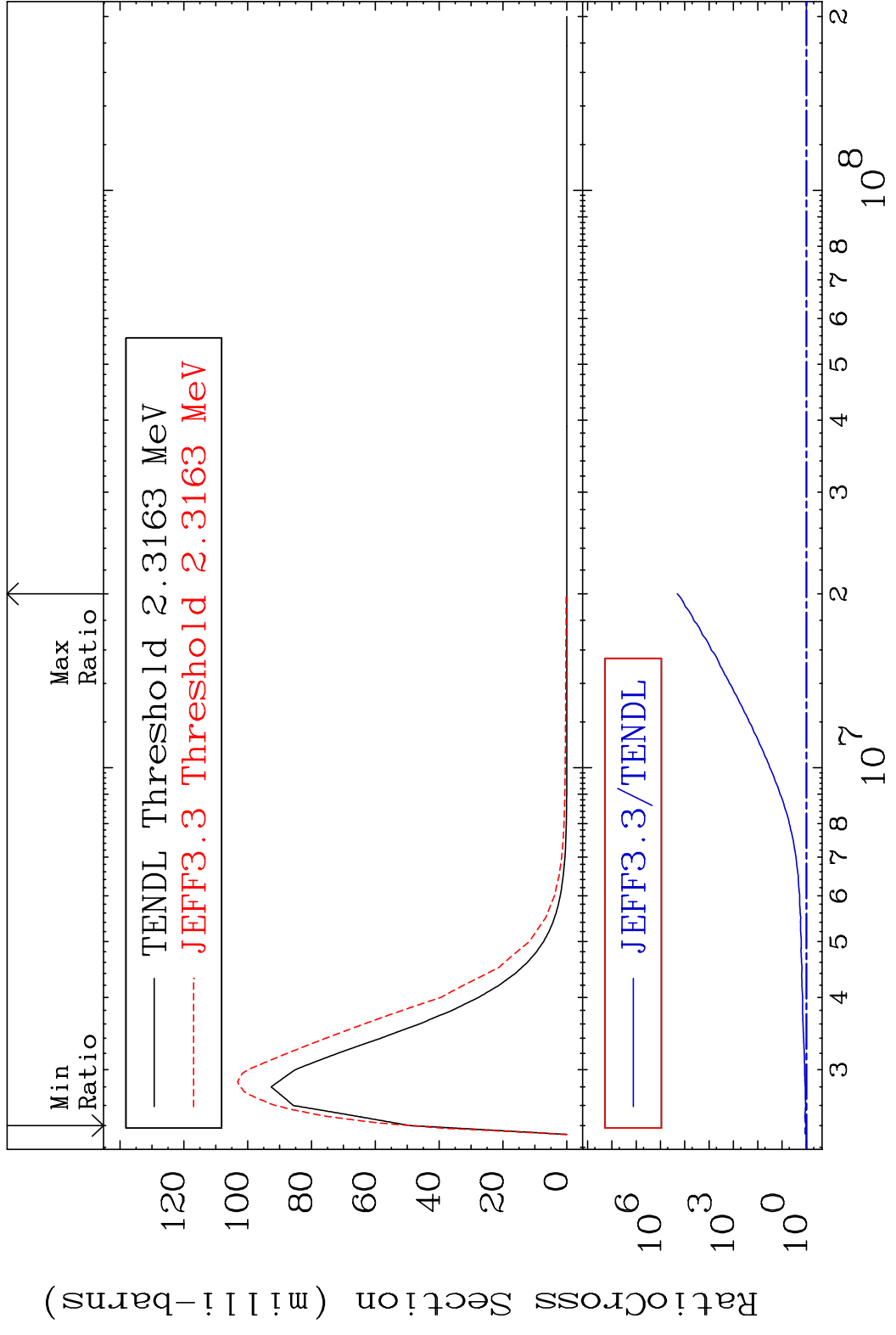
MAT 5049 MT= 56 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 142.9 %



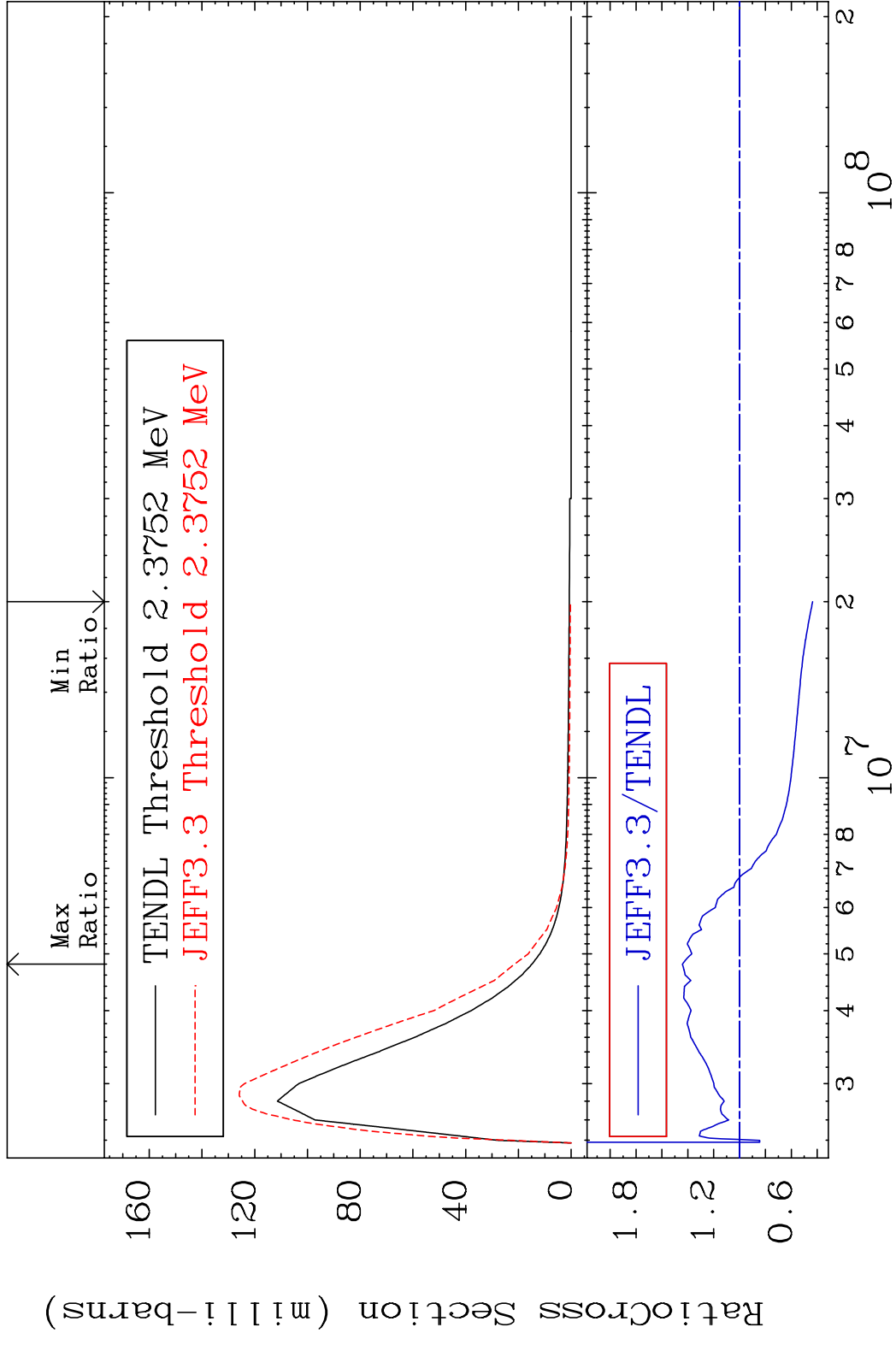
MAT 5049 MT= 57 (n,n') Level 50-Sn-120
 Cross Section -100.0 To 96.72 %



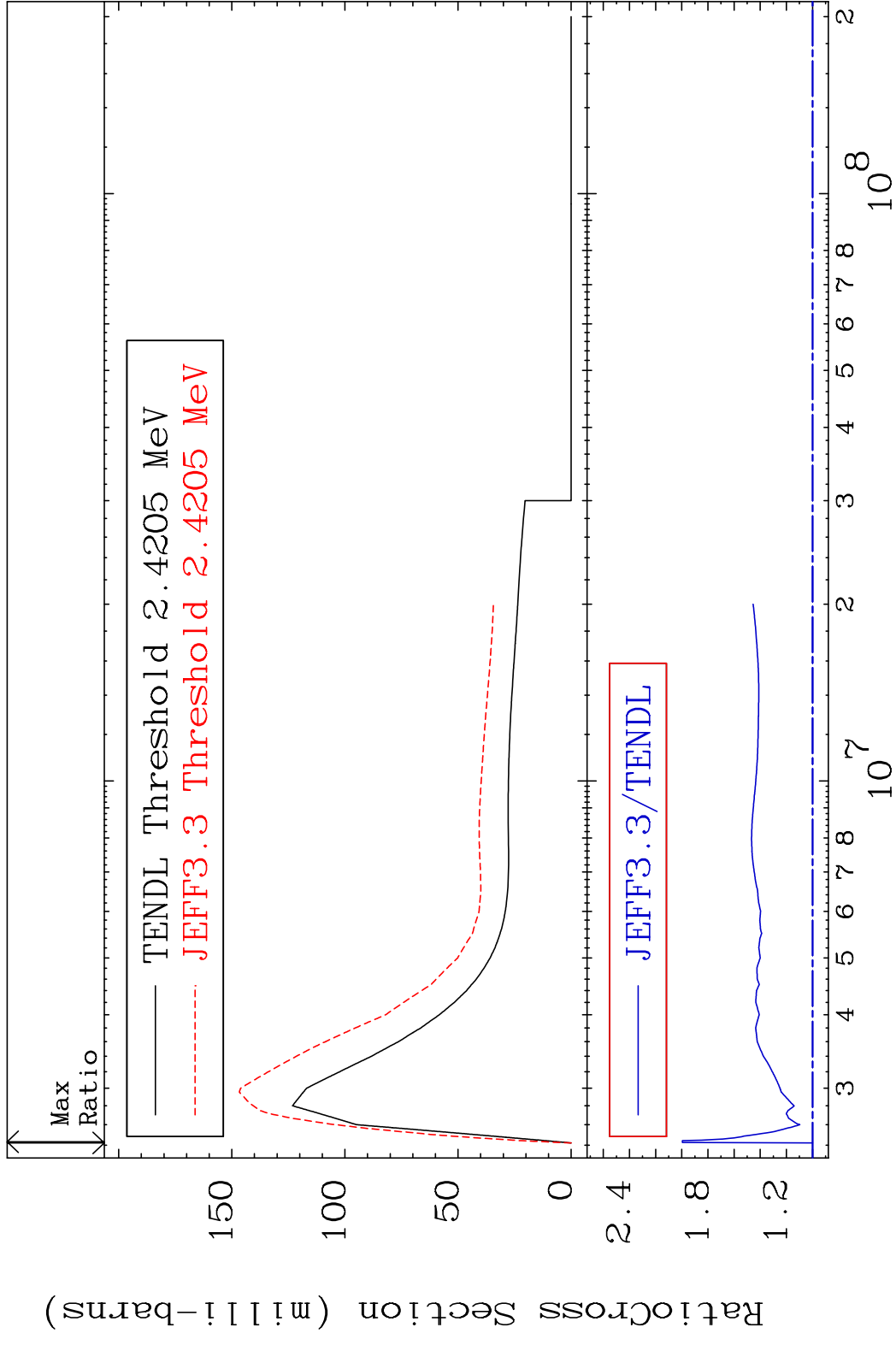
MAT 5049 MT= 58 (n, n') Level 50-Sn-120
 Cross Section -0.472 To 9999. %



MAT 5049 MT= 59 (n, n') Level 50-Sn-120
 Cross Section -56.40 To 44.18 %

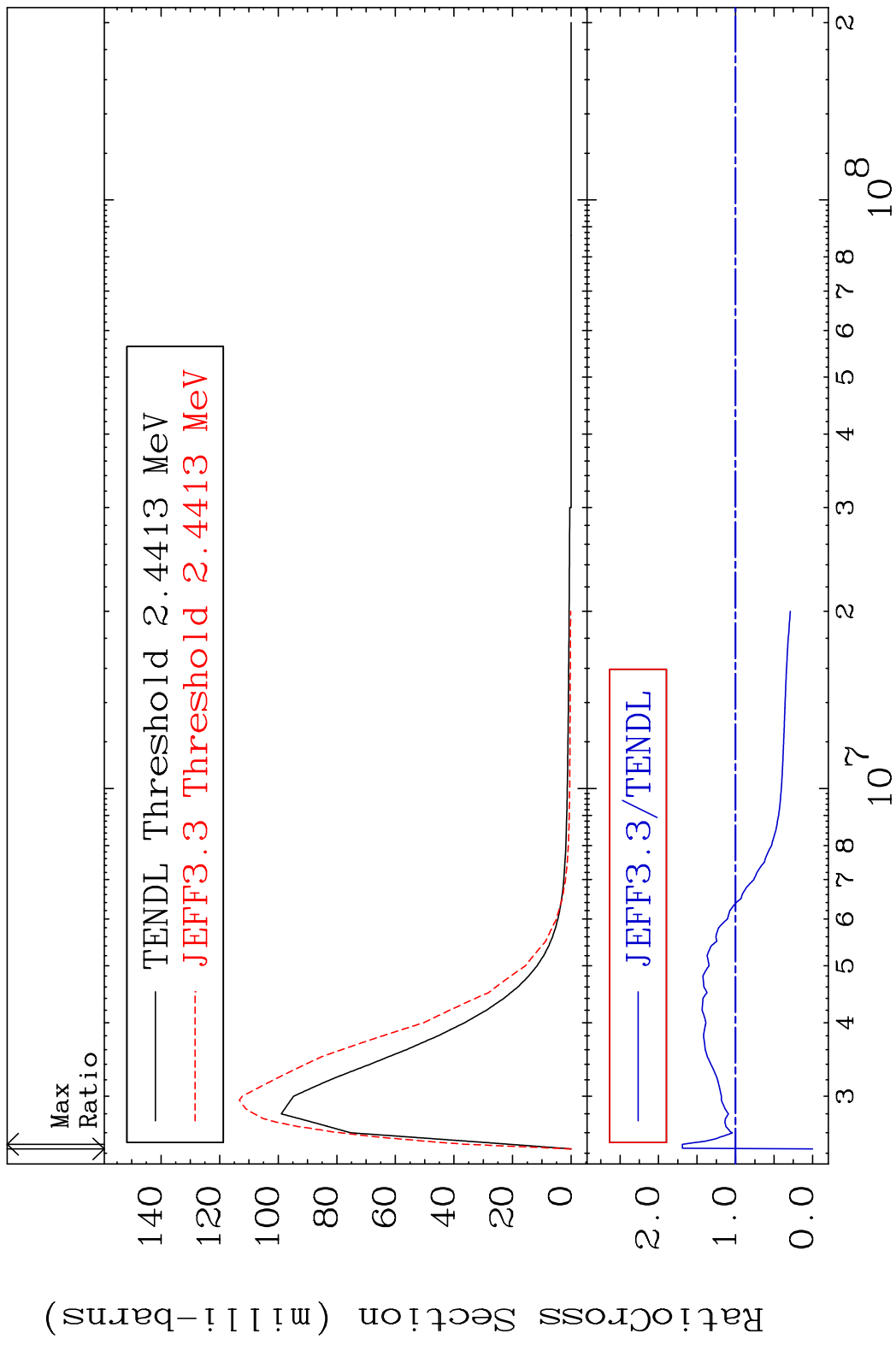


MAT 5049 MT= 60 (n,n') Level 50-Sn-120
 Cross Section 0.000 To 99.56 %

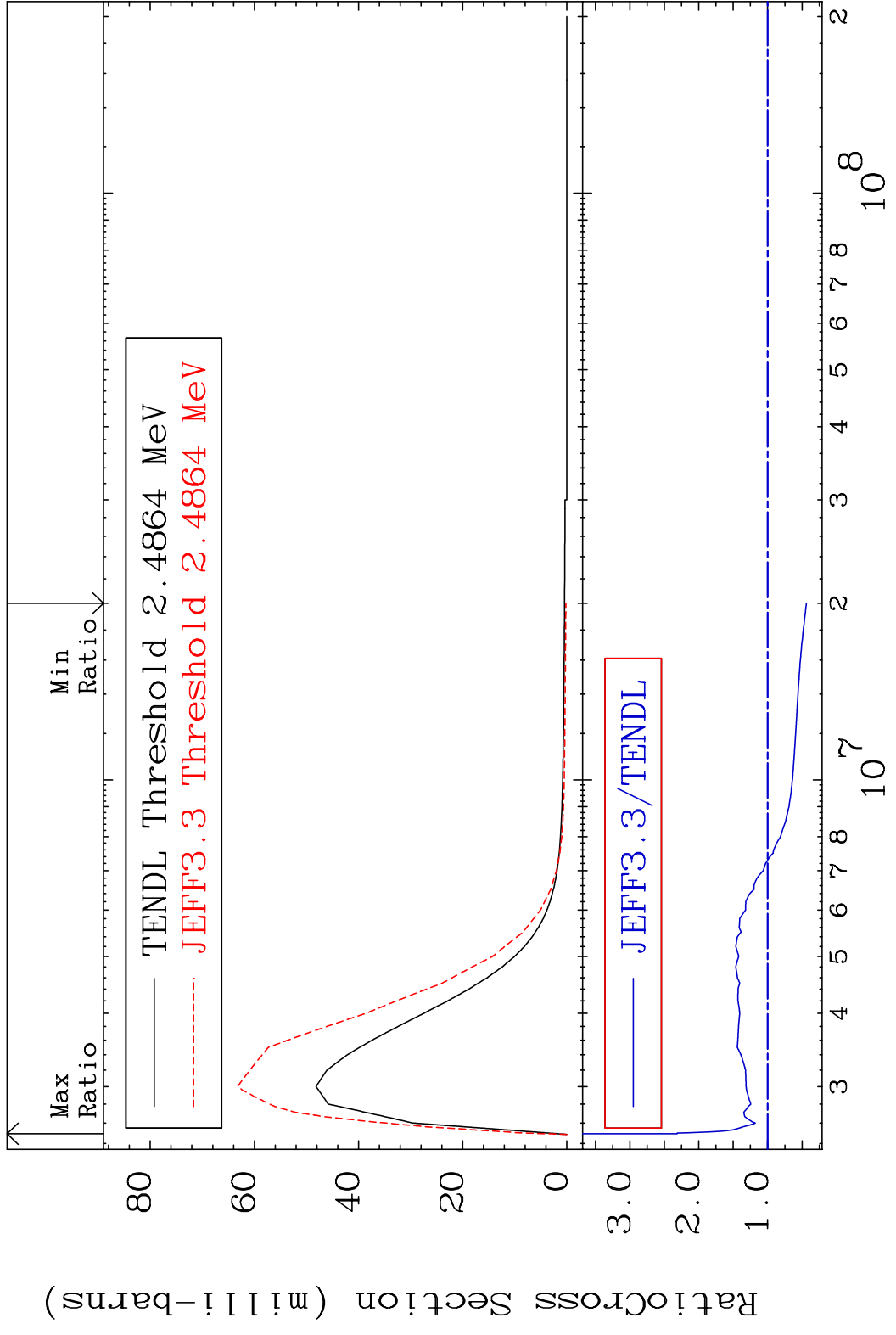


17 Incident Energy (eV) 50-Sn-120

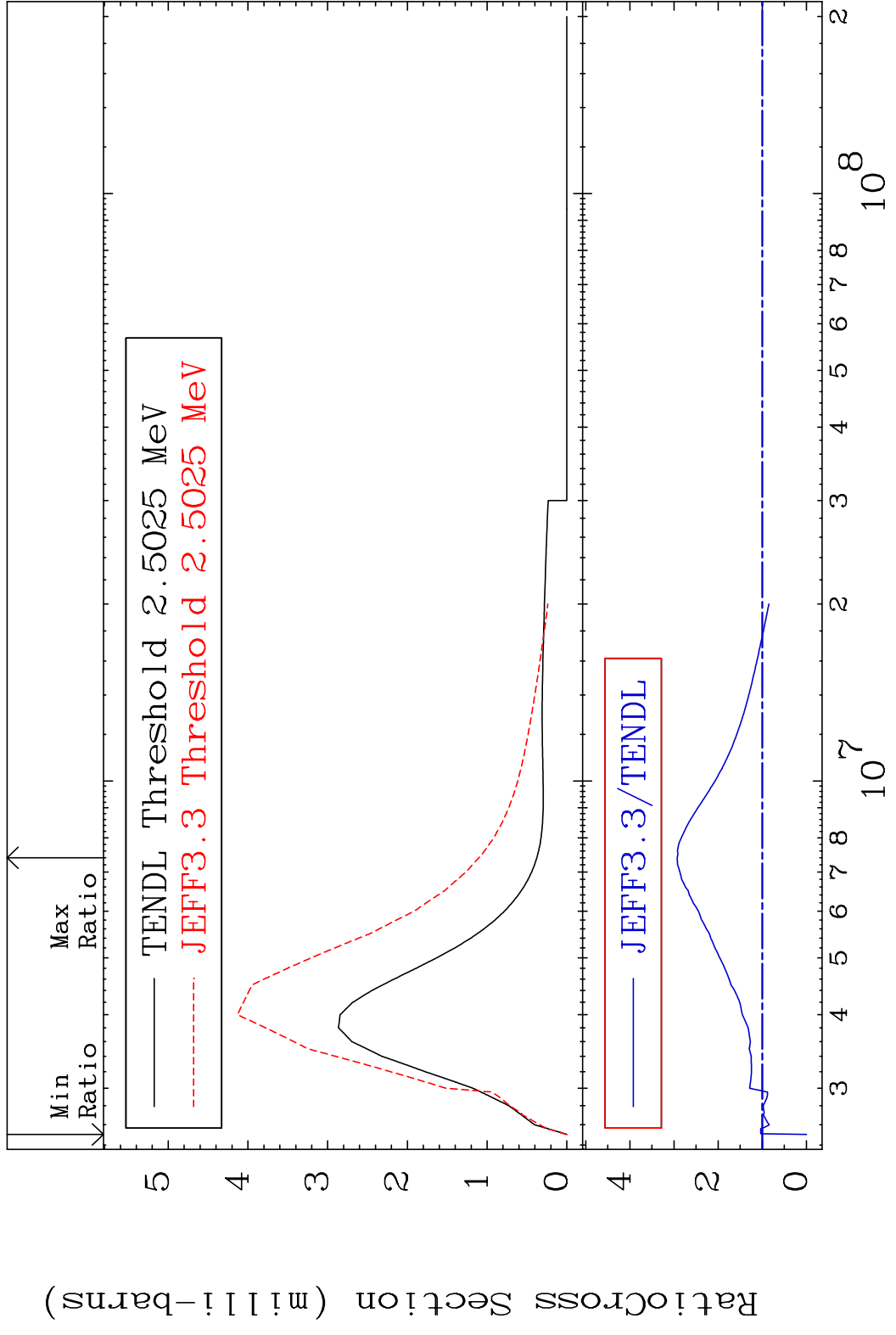
MAT 5049 MT= 61 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 69.07 %



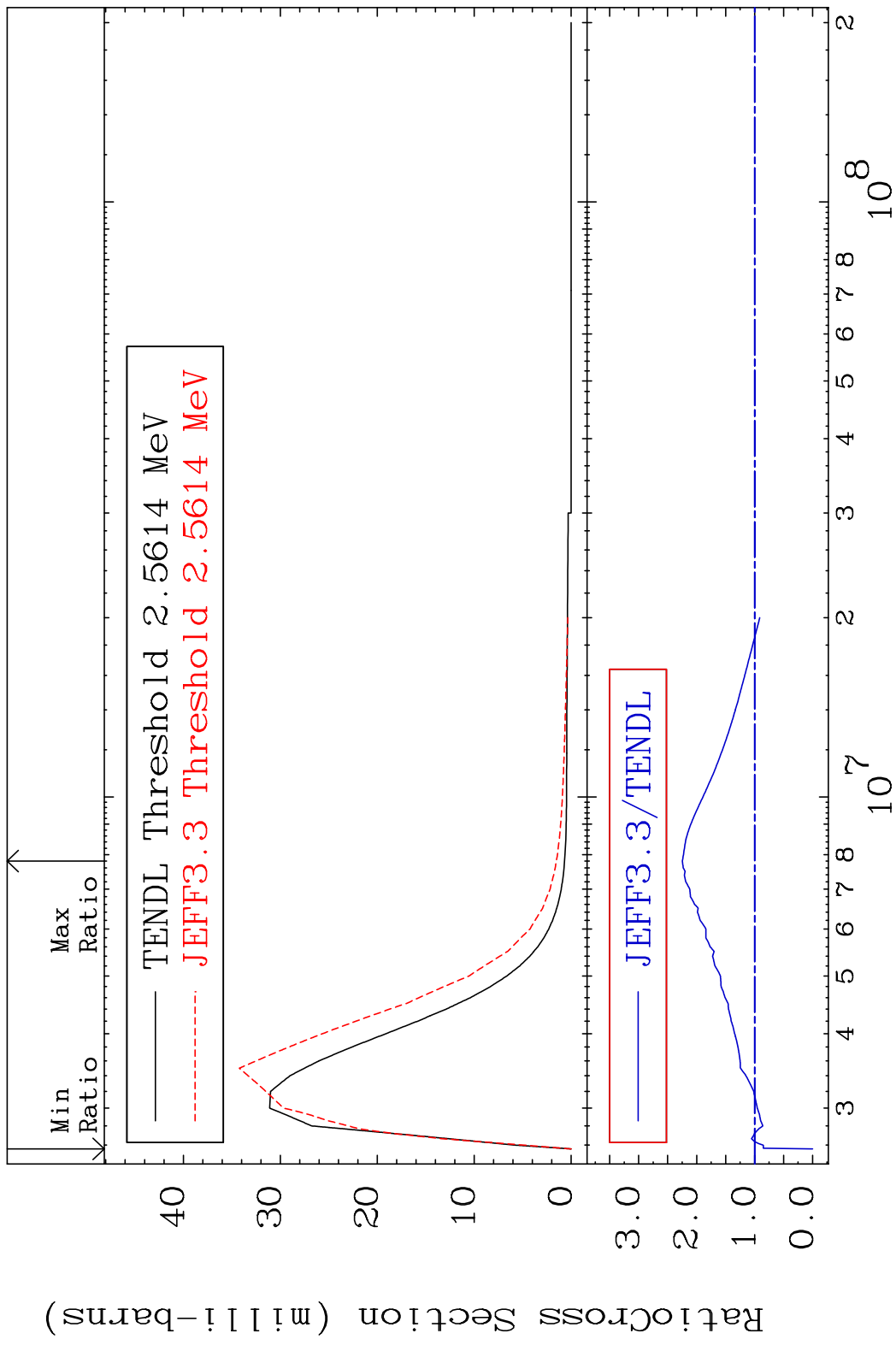
MAT 5049 MT= 62 (n, n') Level 50-Sn-120
 Cross Section -56.34 To 131.4 %



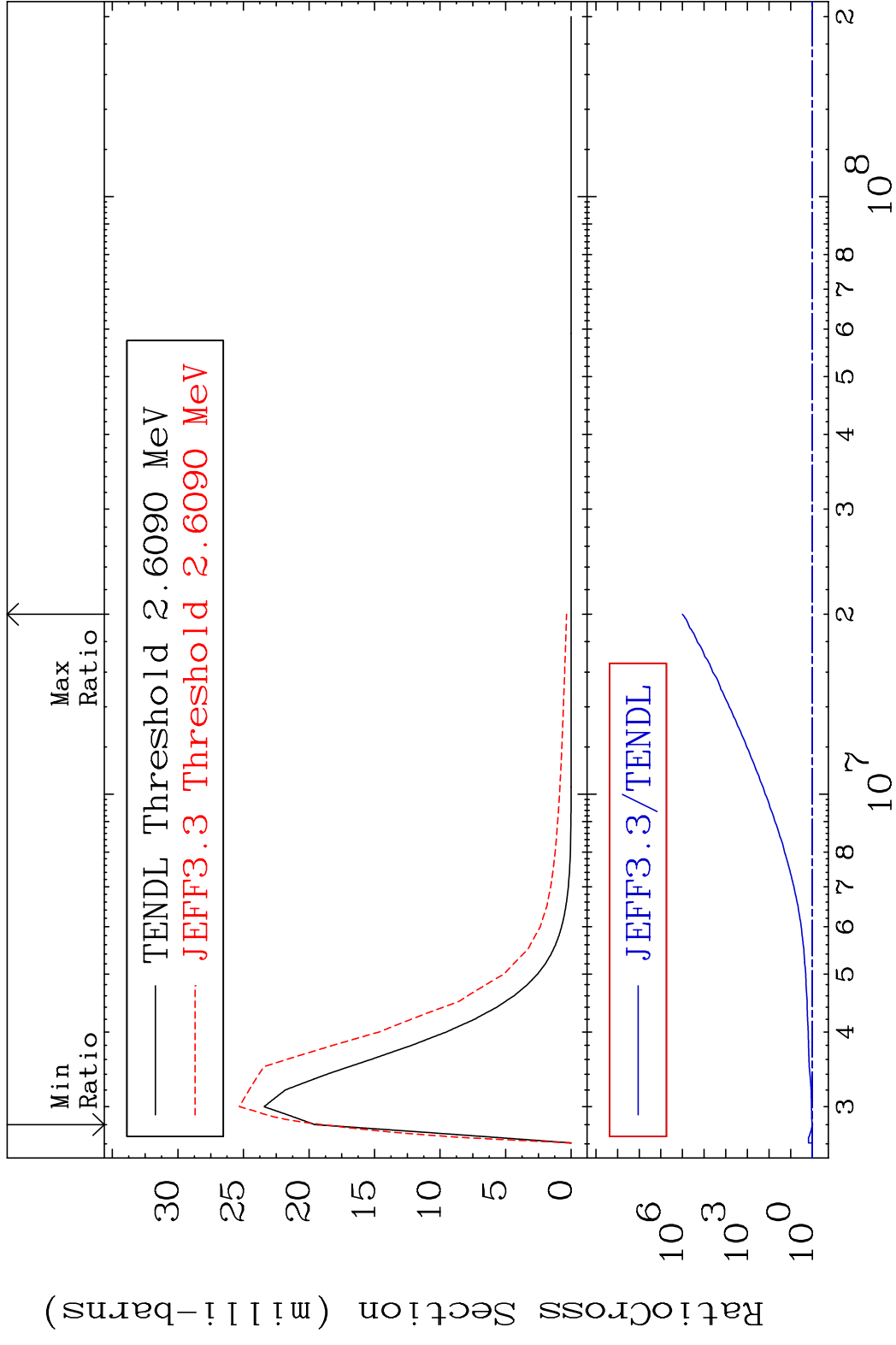
MAT 5049 MT= 63 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 192.8 %



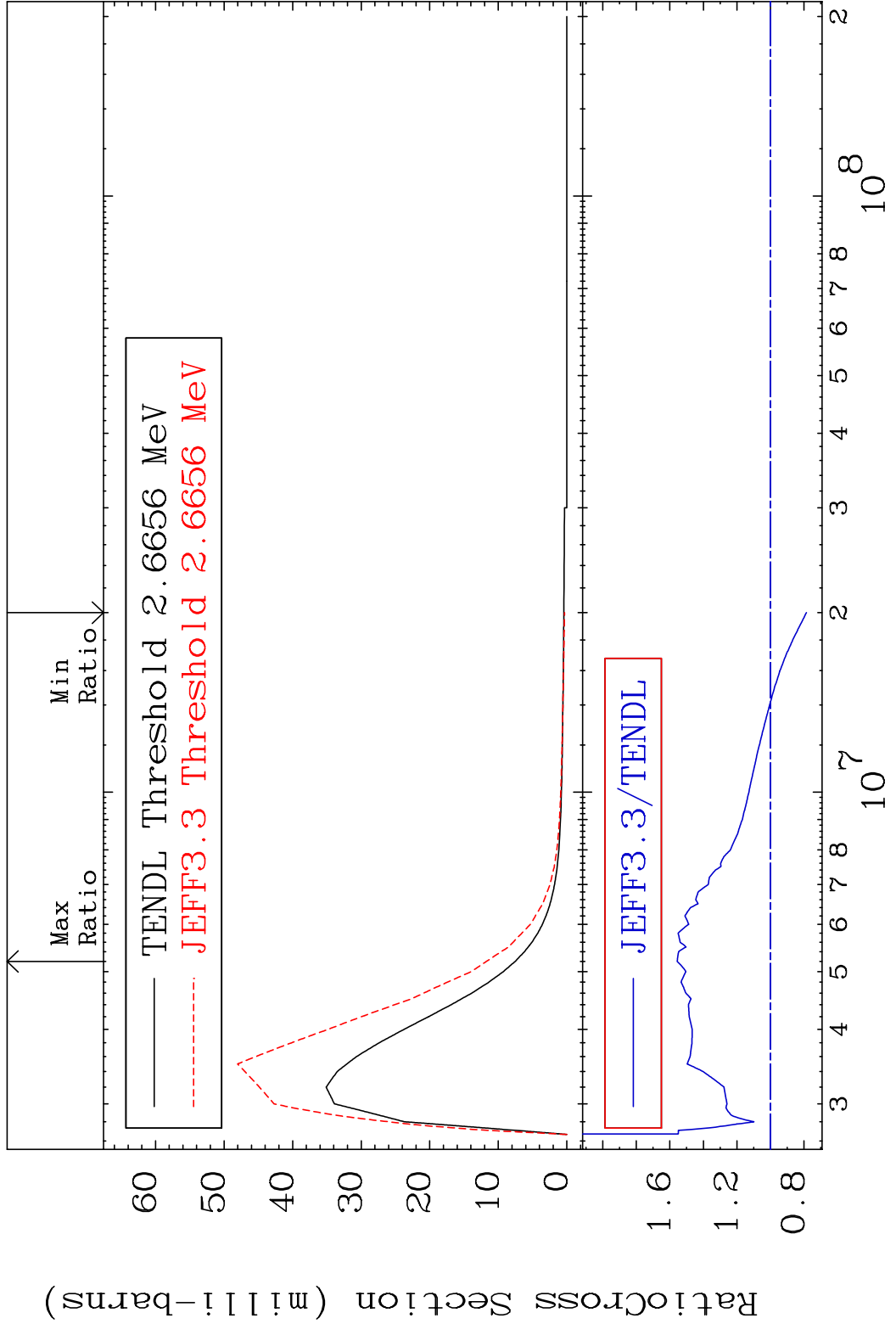
MAT 5049 MT= 64 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 124.7 %



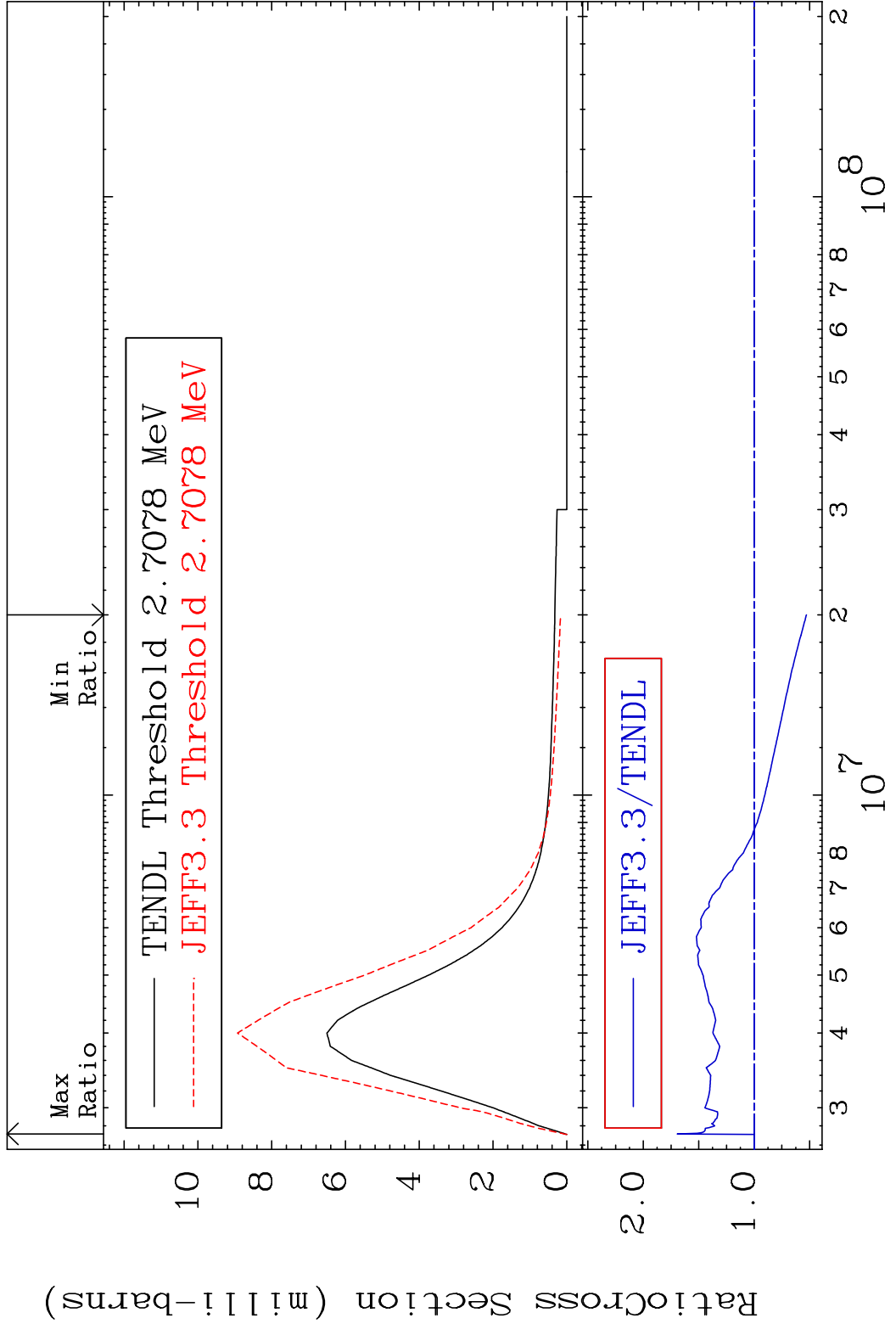
MAT 5049 MT= 65 (n,n') Level 50-Sn-120
 Cross Section -3.058 To 9999. %



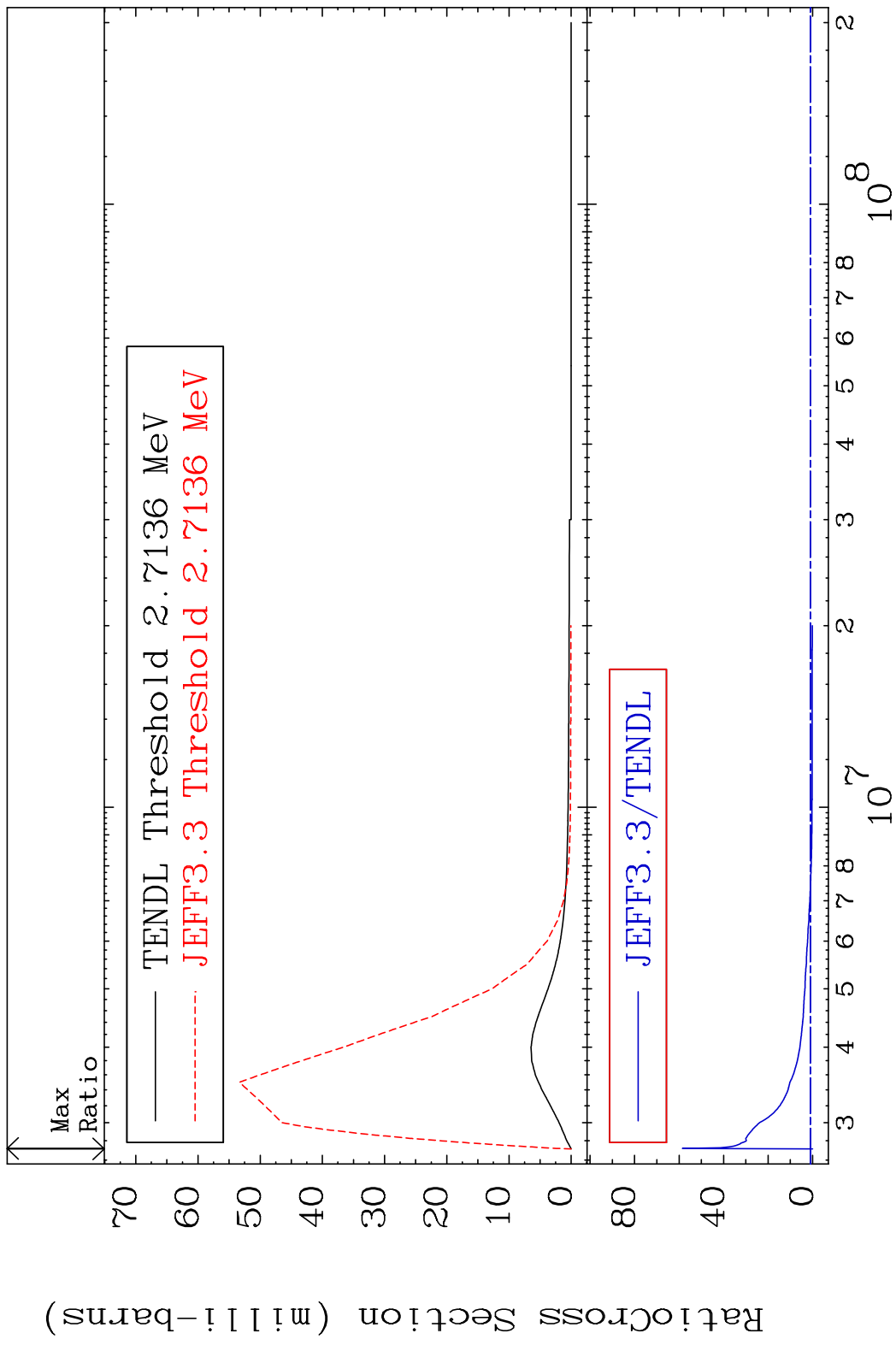
MAT 5049 MT= 66 (n, n') Level 50-Sn-120
 Cross Section -21.43 To 55.62 %



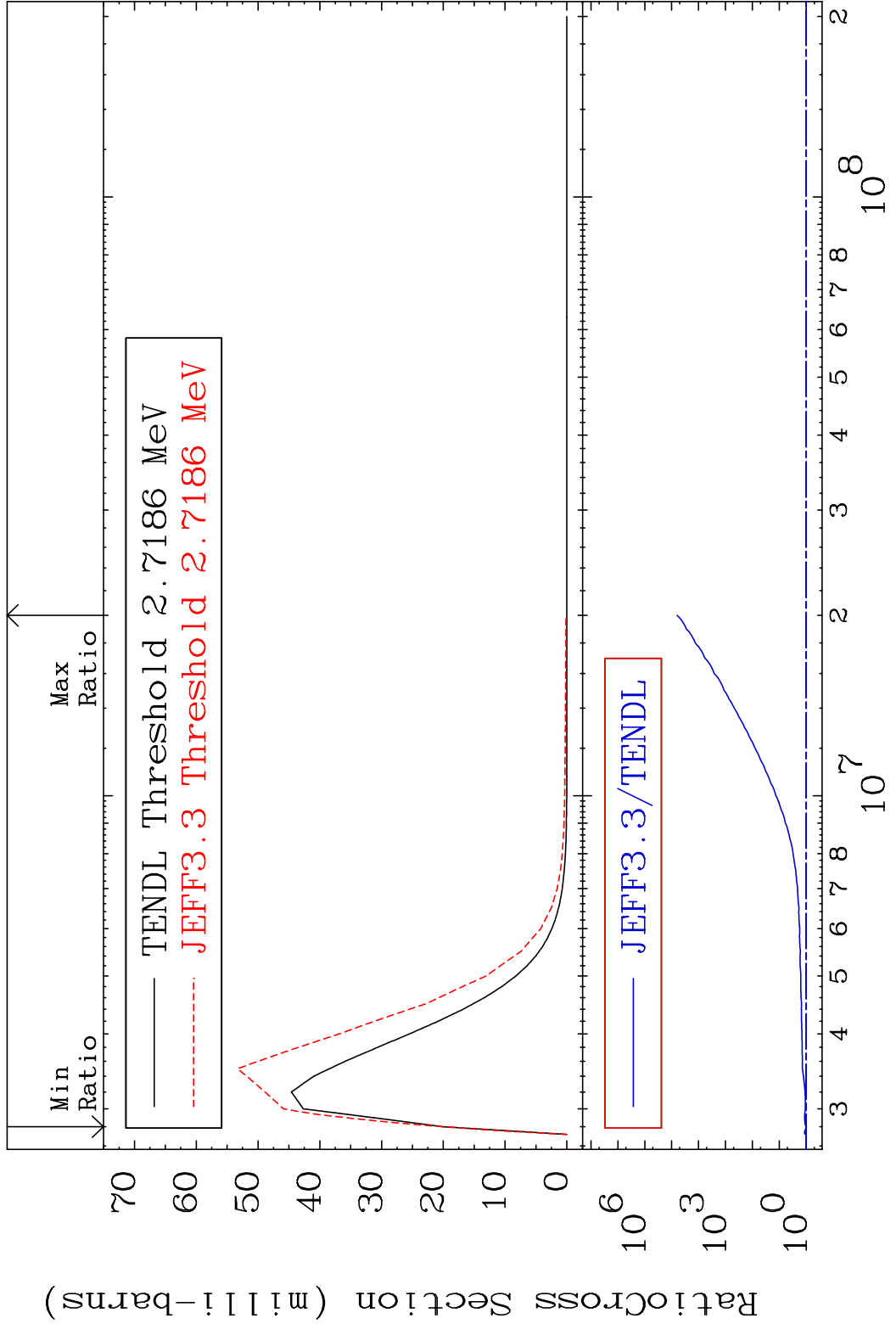
MAT 5049 MT= 67 (n, n') Level 50-Sn-120
 Cross Section -47.12 To 69.44 %



MAT 5049 MT= 68 (n, n') Level 50-Sn-120
 Cross Section -100.0 To 5754. %



MAT 5049 MT= 69 (n, n') Level 50-Sn-120
 Cross Section -1.450 To 9999. %

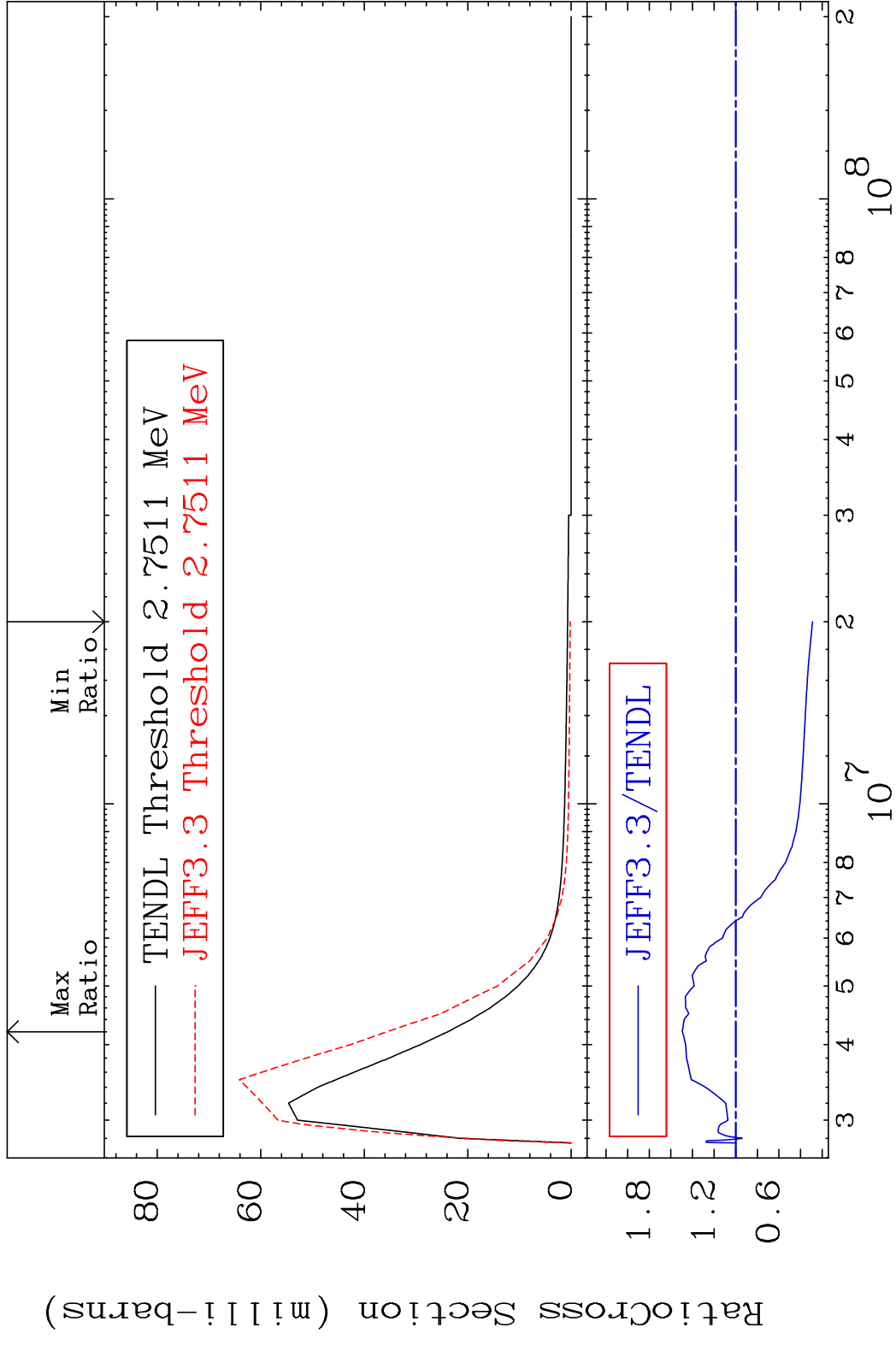


MAT 5049

MT= 70 (n, n') Level

50-Sn-120

Cross Section -71.09 To 49.35 %



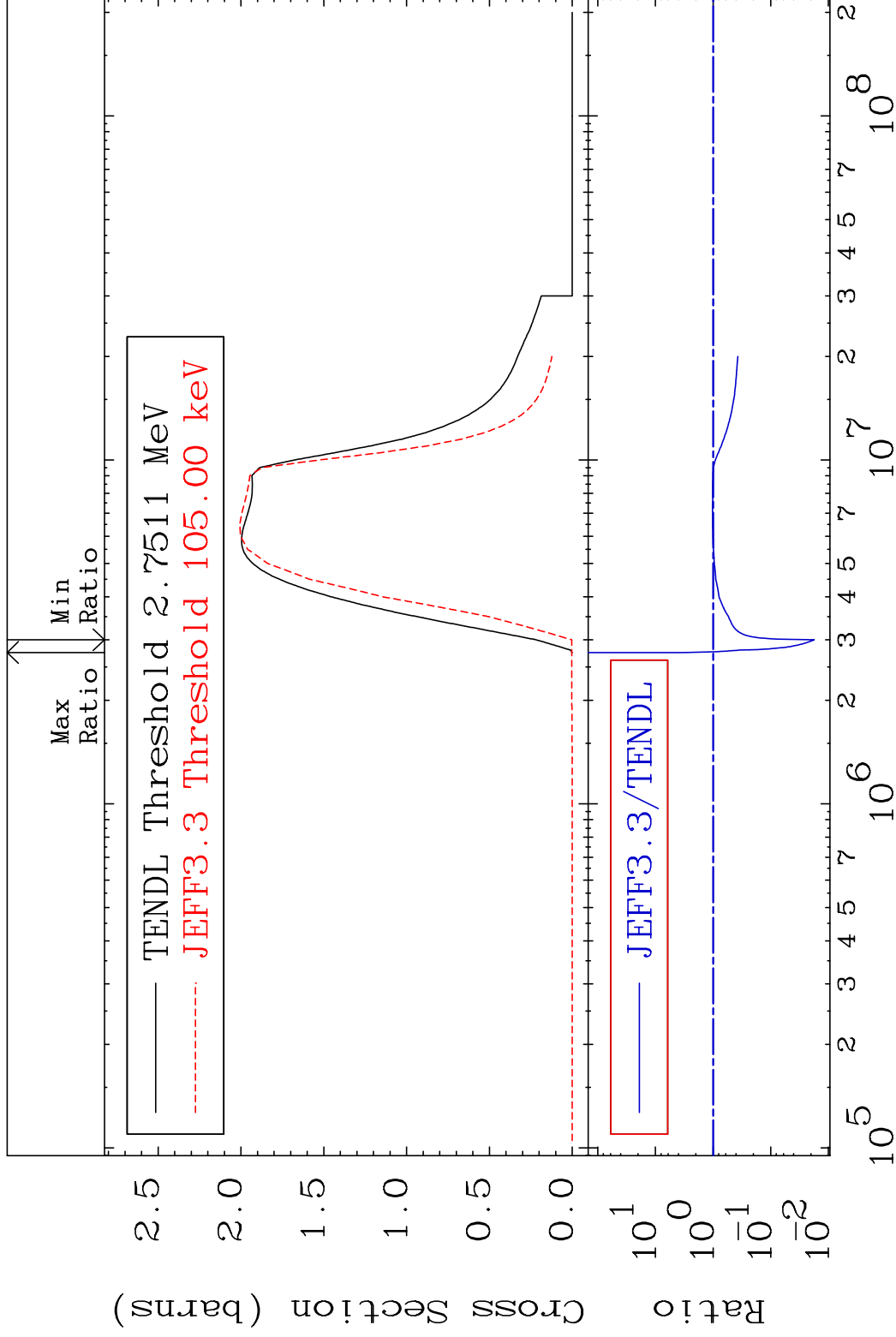
MAT 5049

(n, n') Continuum

50-Sn-120

Cross Section

-98.23 To 223.6 %



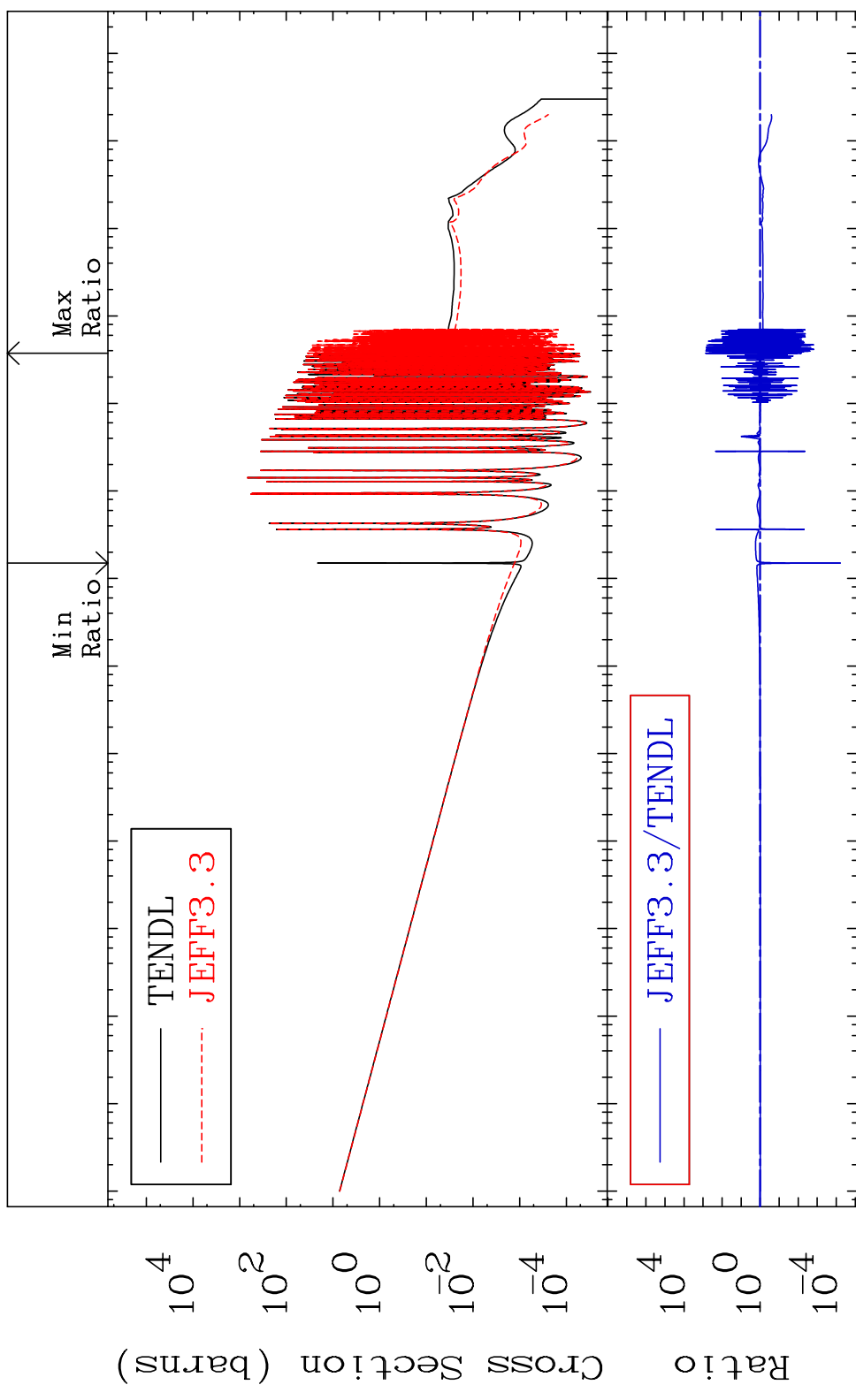
28

Incident Energy (eV)

50-Sn-120

MAT 5049

(n, γ)
Cross Section 50-Sn-120
-99.99 To 9999. %



29

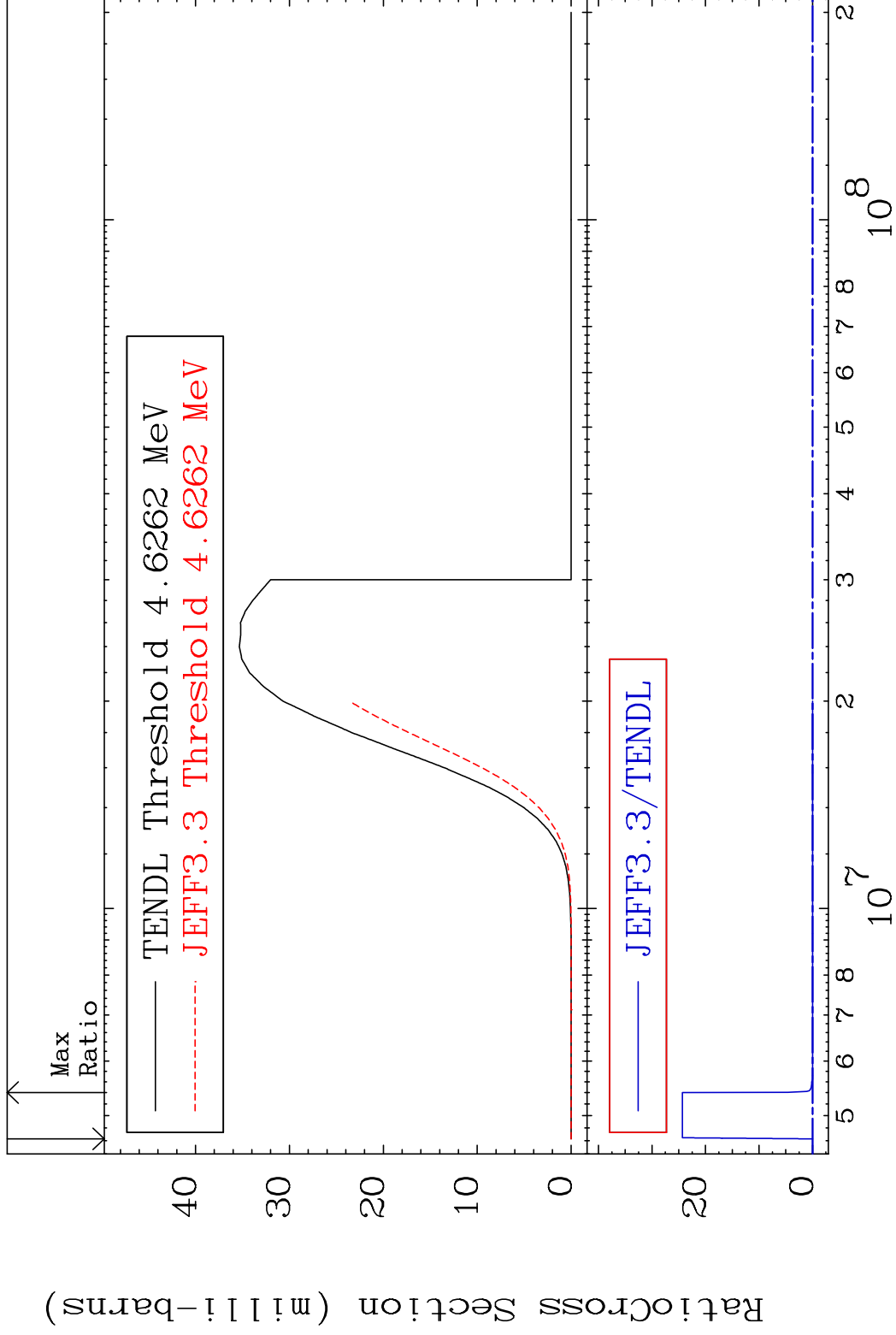
Incident Energy (eV) 50-Sn-120

MAT 5049

(n,p)

50-Sn-120

Cross Section -100.0 To 9999. %

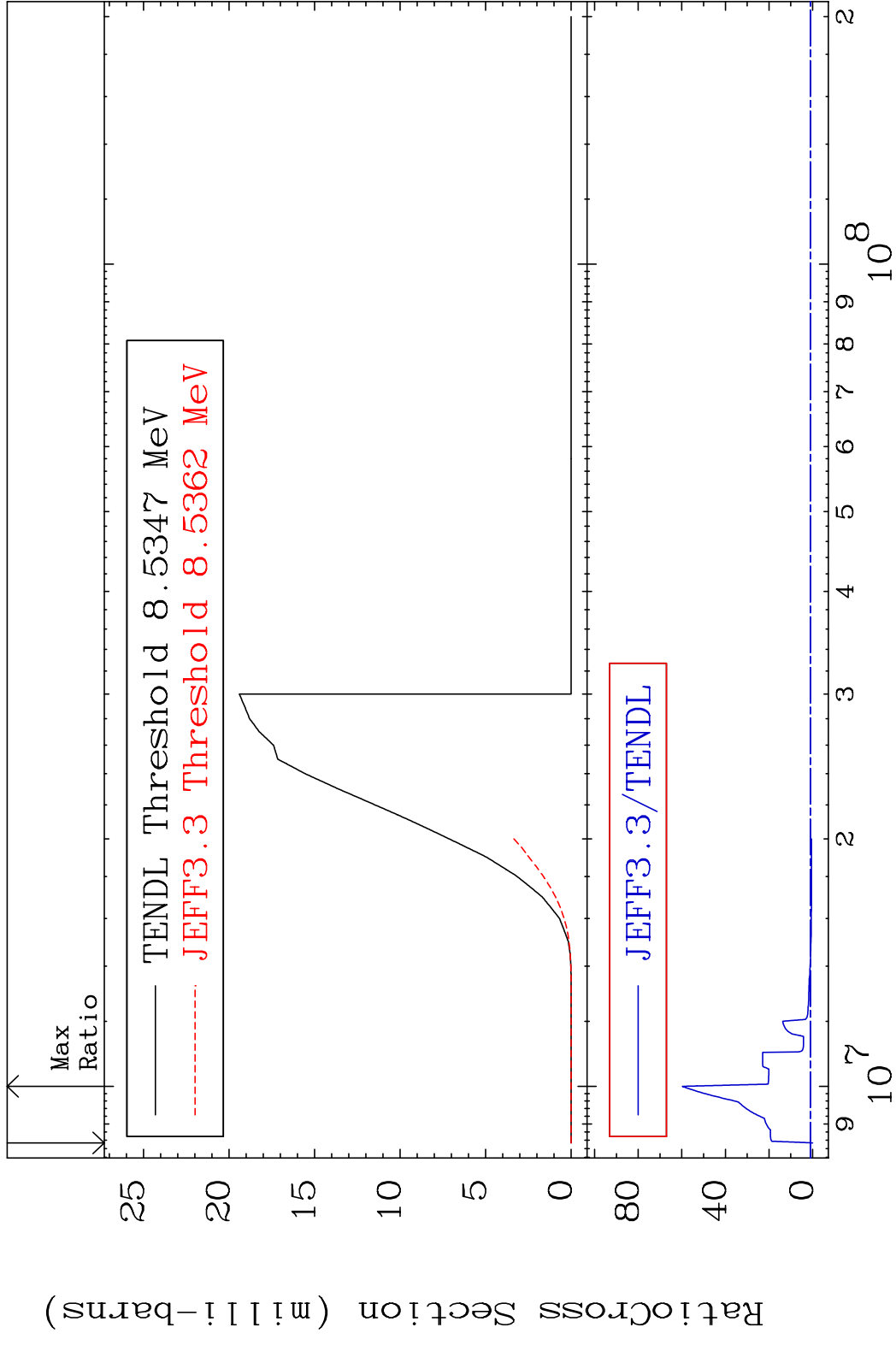


30

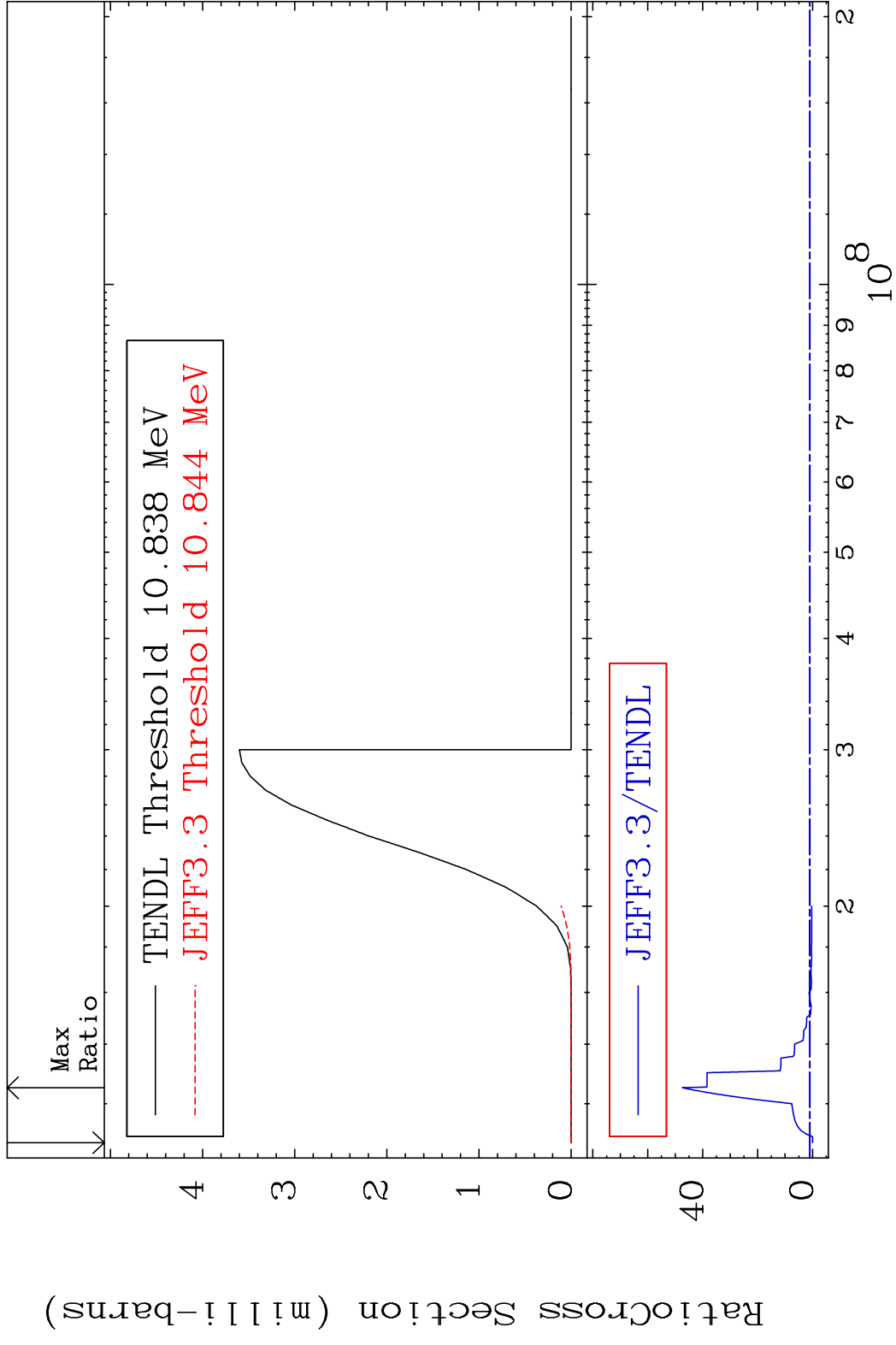
Incident Energy (eV)

50-Sn-120

MAT 5049 (n,d) 50-Sn-120
 Cross Section -100.0 To 5875. %



MAT 5049 (n, t) 50-Sn-120
 Cross Section -100.0 To 4641. %

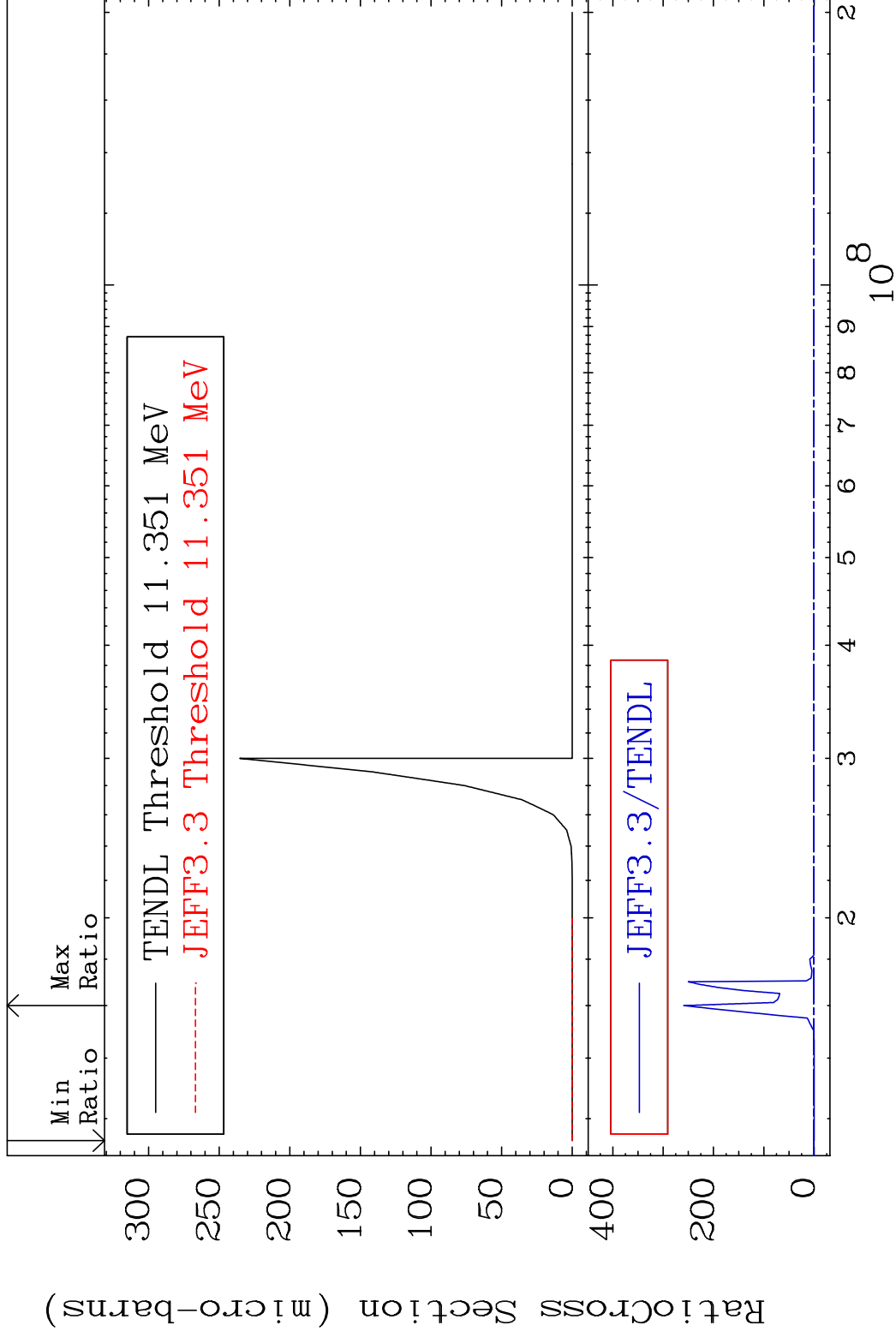


MAT 5049

(n, He-3)

50-Sn-120

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

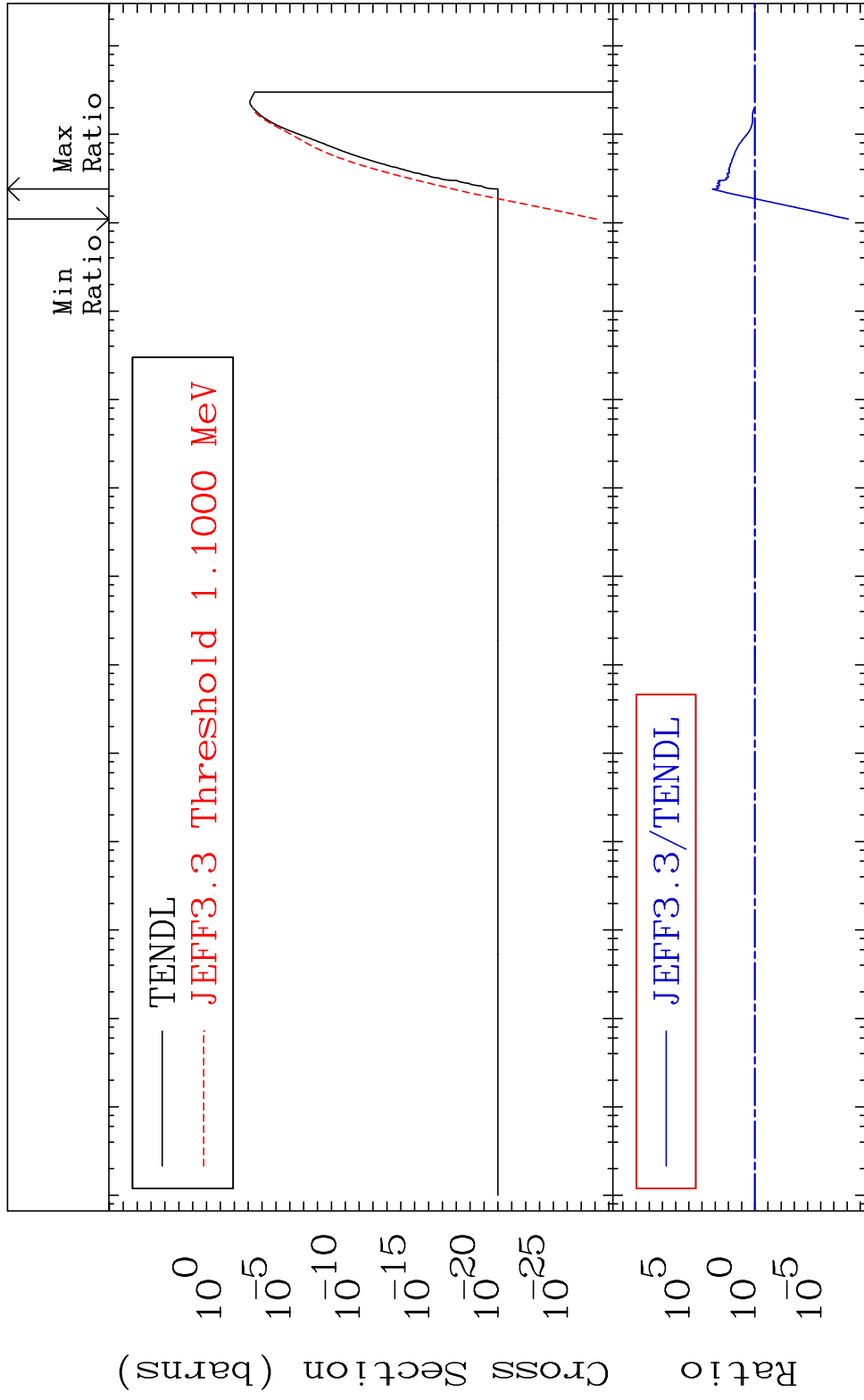
50-Sn-120

MAT 5049

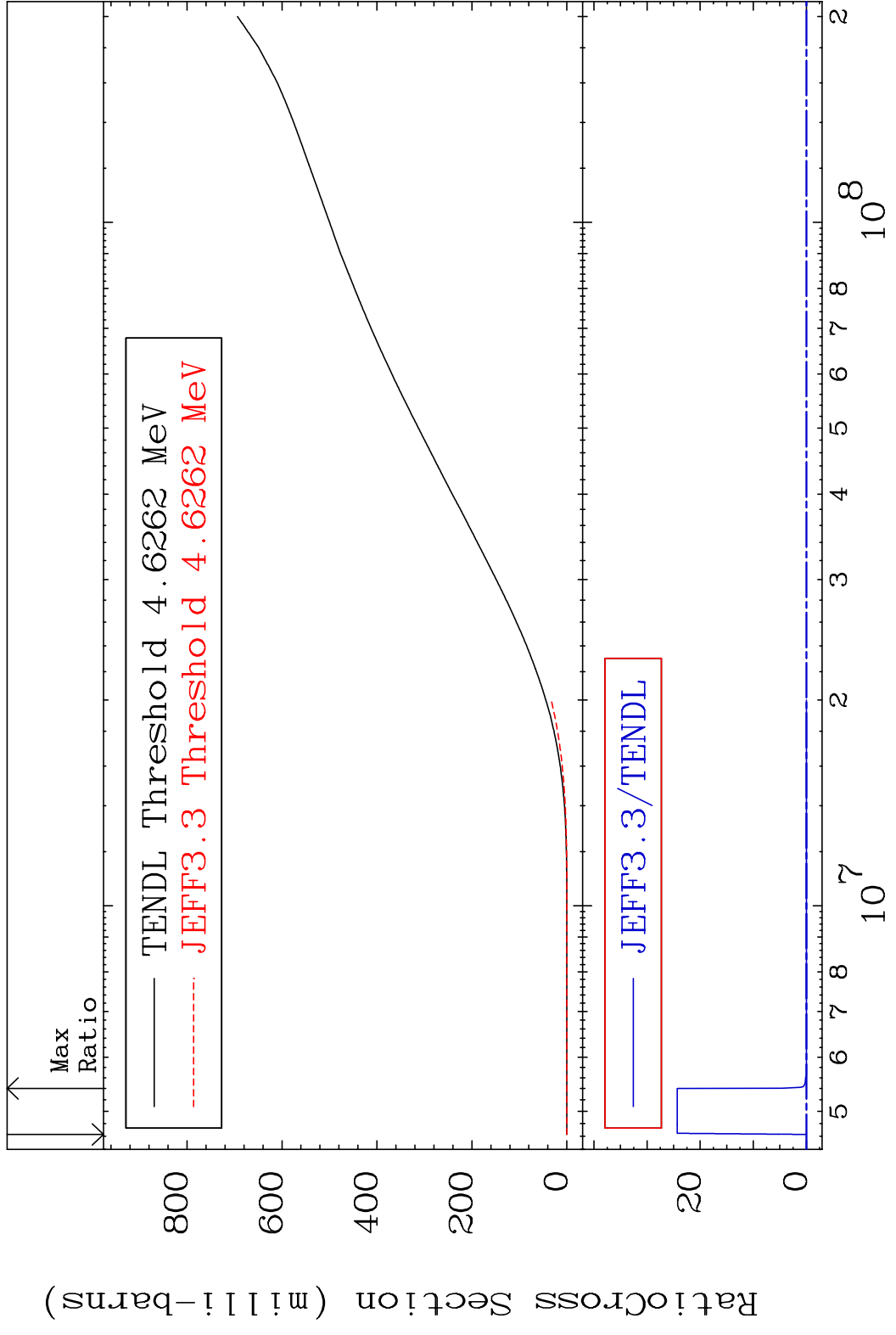
(n, α)

50-Sn-120

Cross Section -100.0 To 9999. %

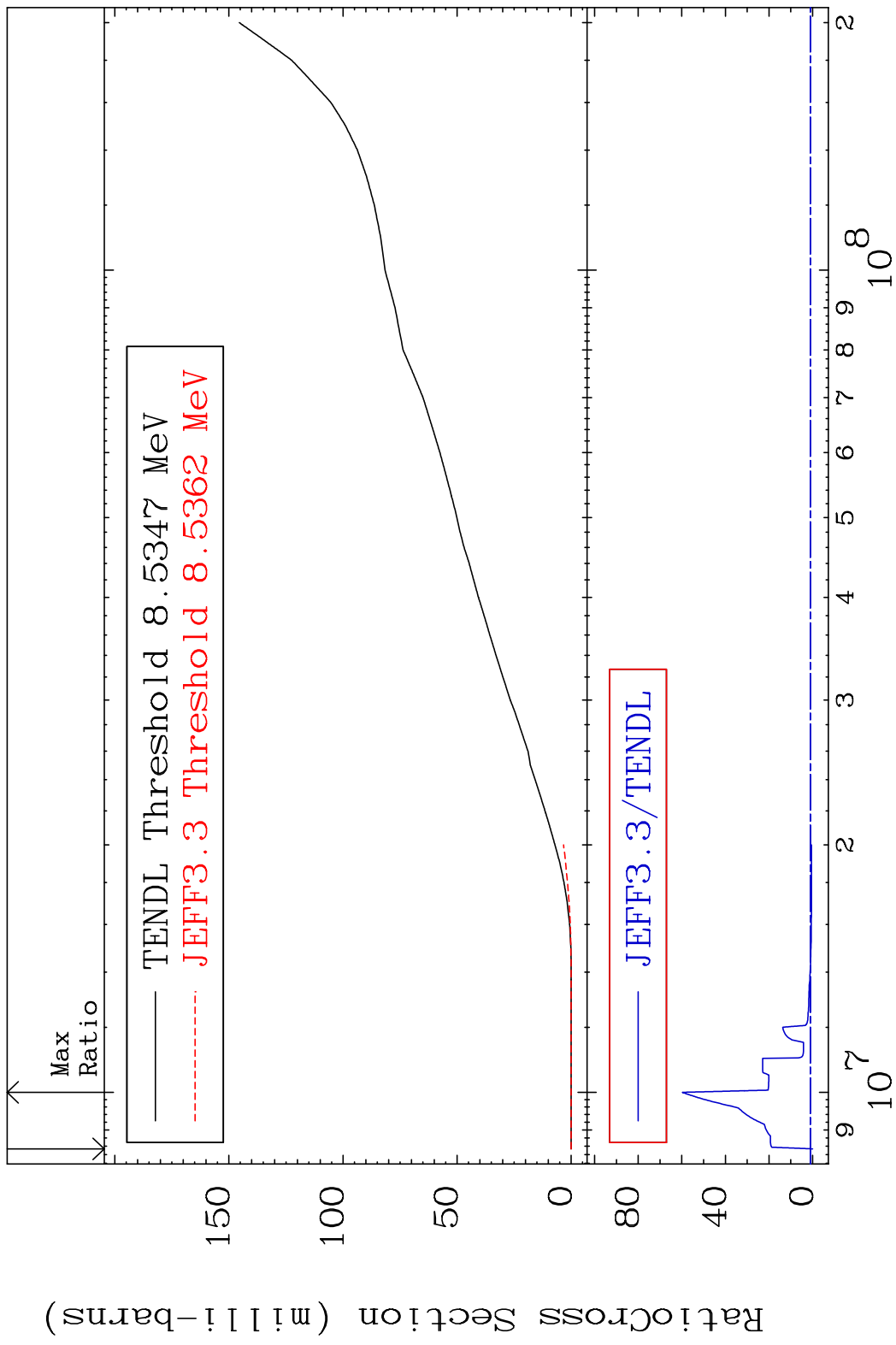


MAT 5049 Hydrogen Production 50-Sn-120
 Cross Section -100.0 To 9999. %

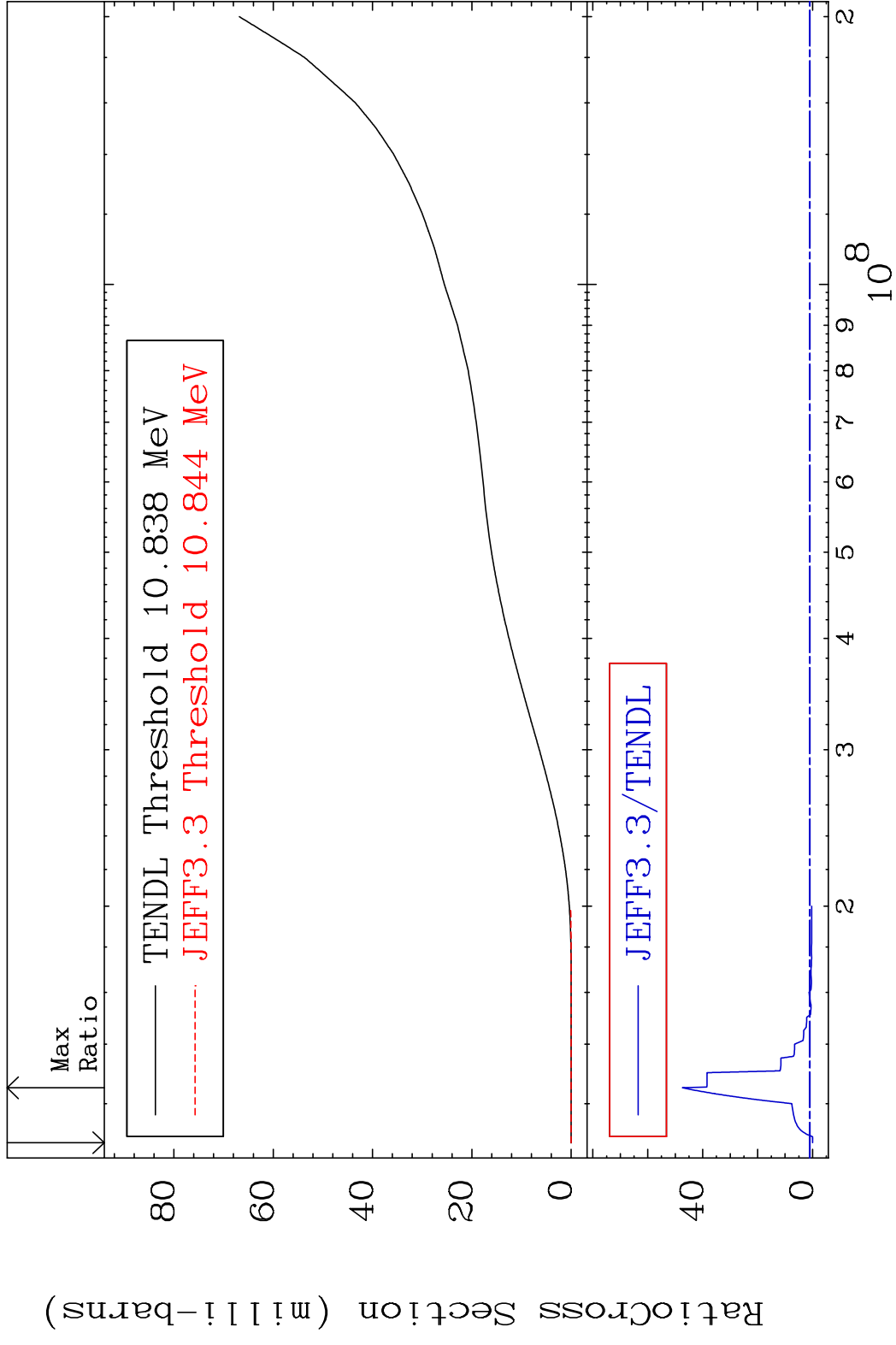


35 Incident Energy (eV) 50-Sn-120

MAT 5049 Deuterium Production 50-Sn-120
 Cross Section -100.0 To 5875. %



MAT 5049 Tritium Production 50-Sn-120
 Cross Section -100.0 To 4641. %

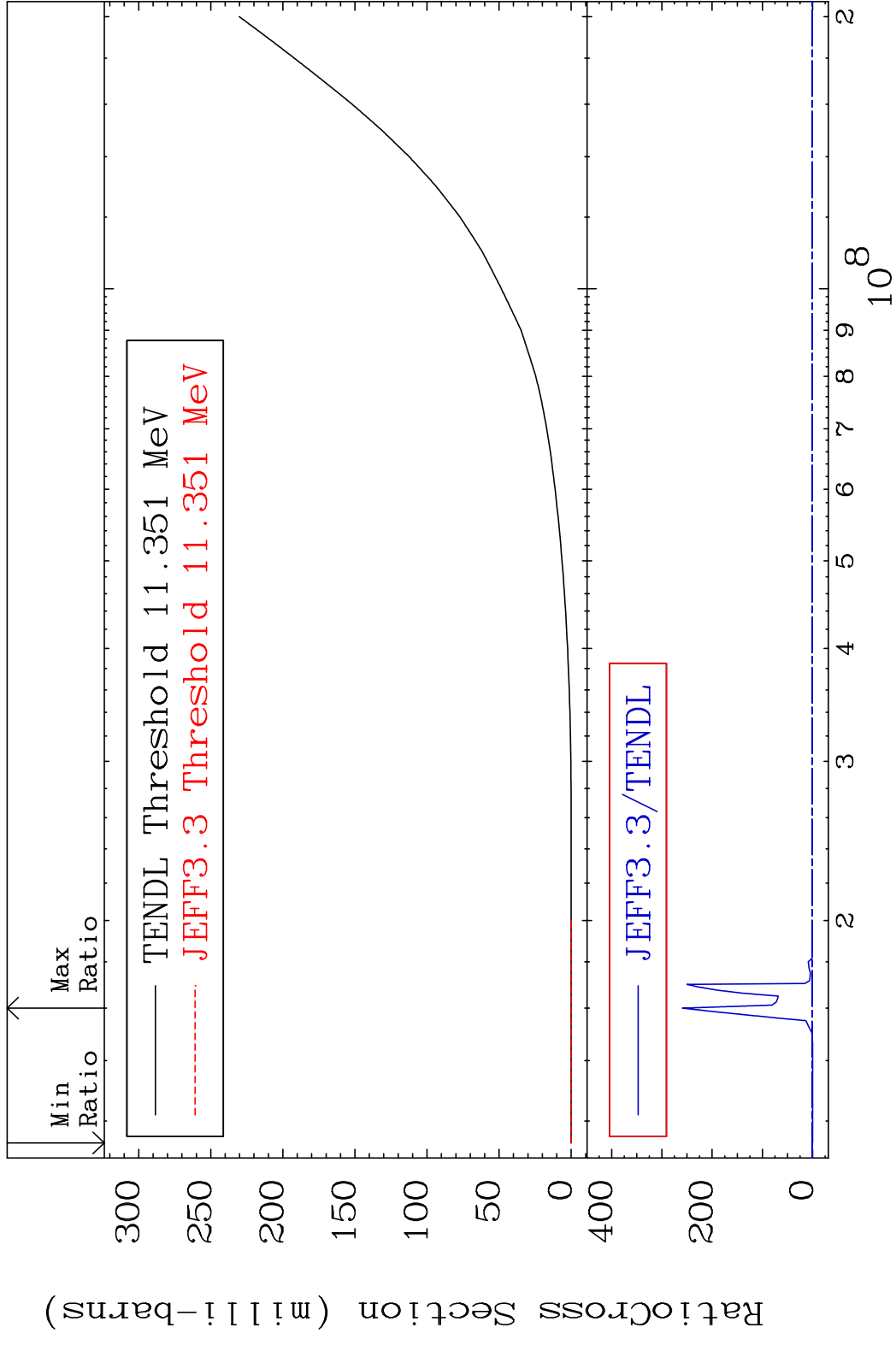


MAT 5049

He-3 Production

50-Sn-120

Cross Section -100.0 To 9999. %

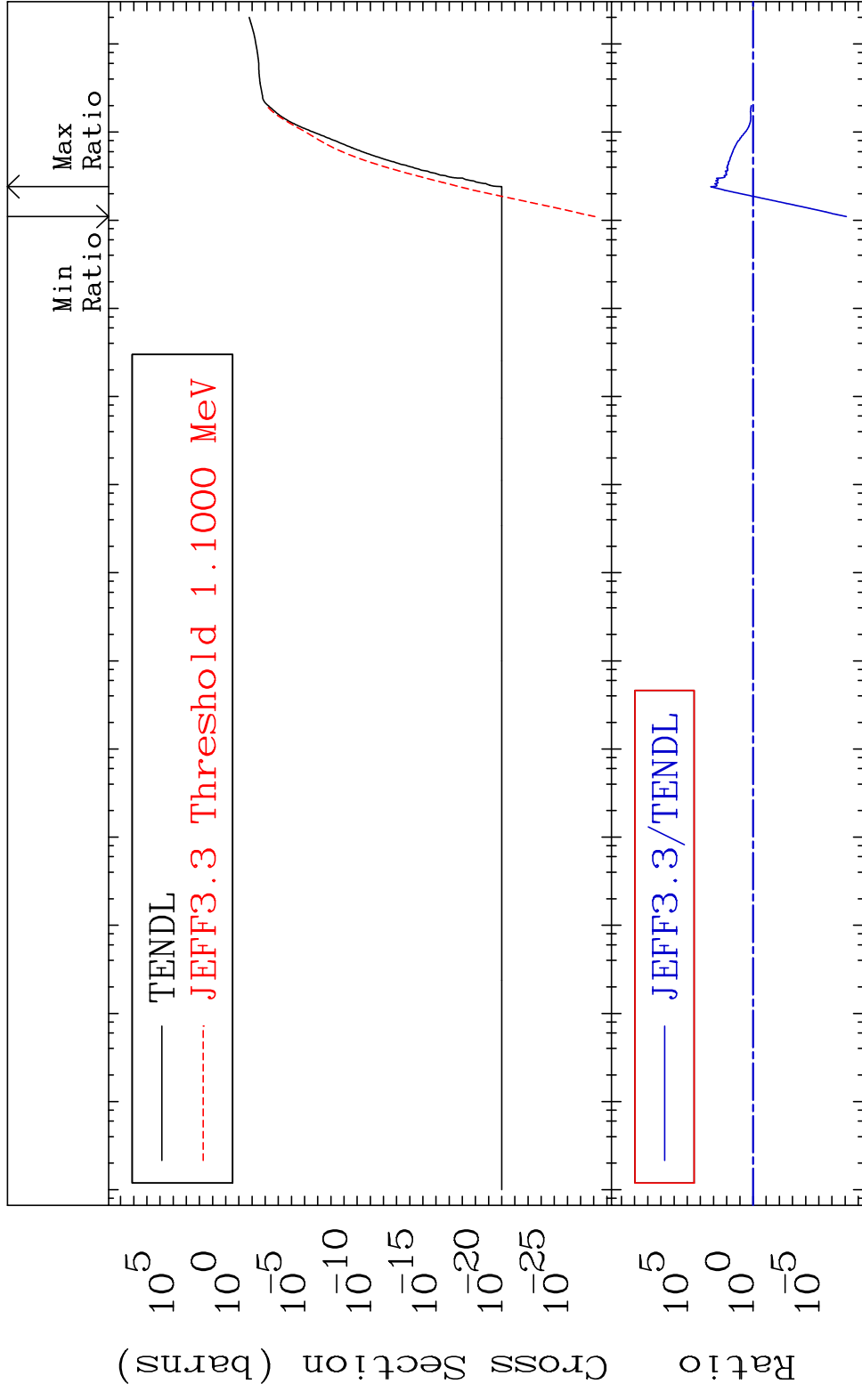


MAT 5049

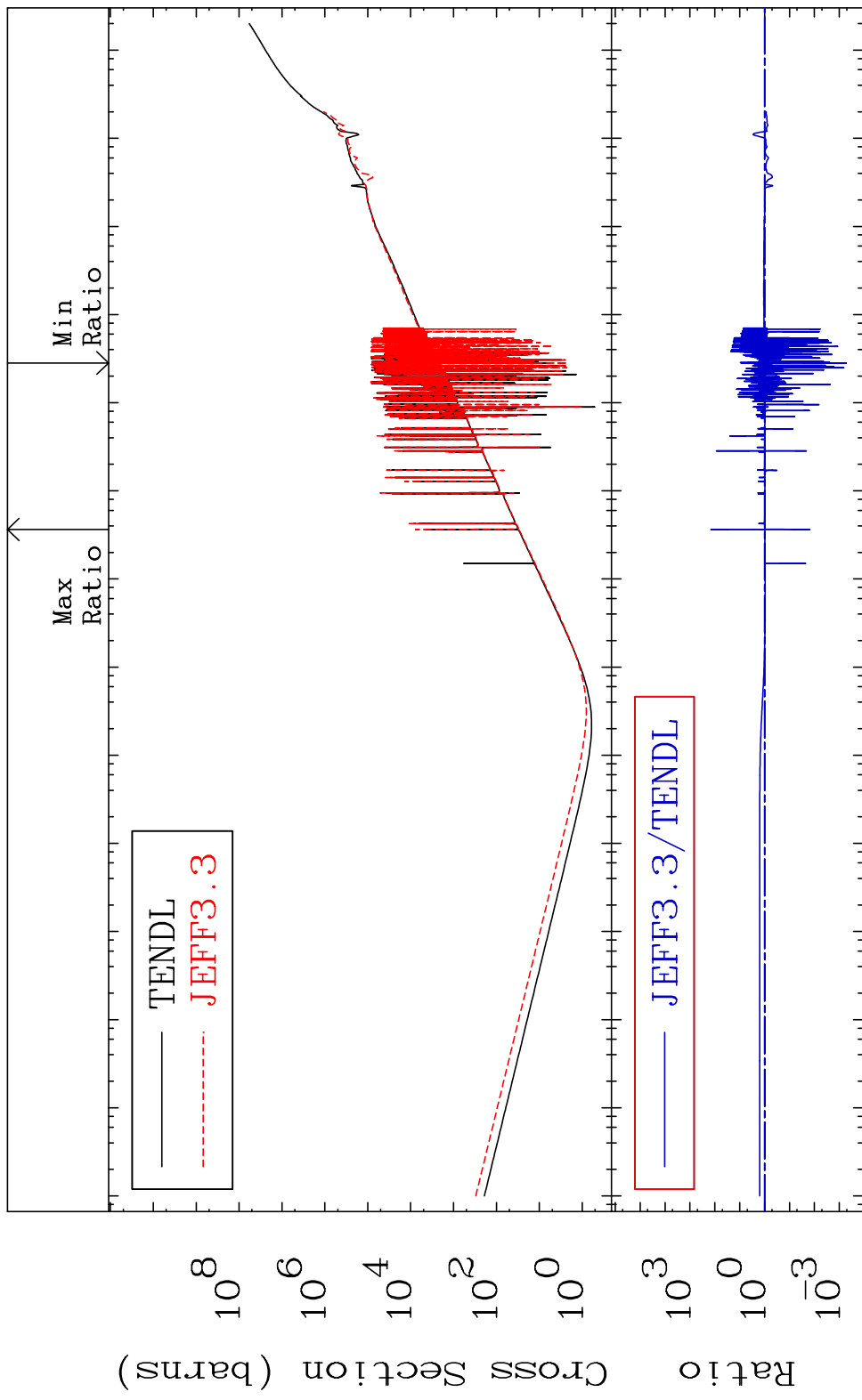
He-4 Production

50-Sn-120

Cross Section -100.0 To 9999. %



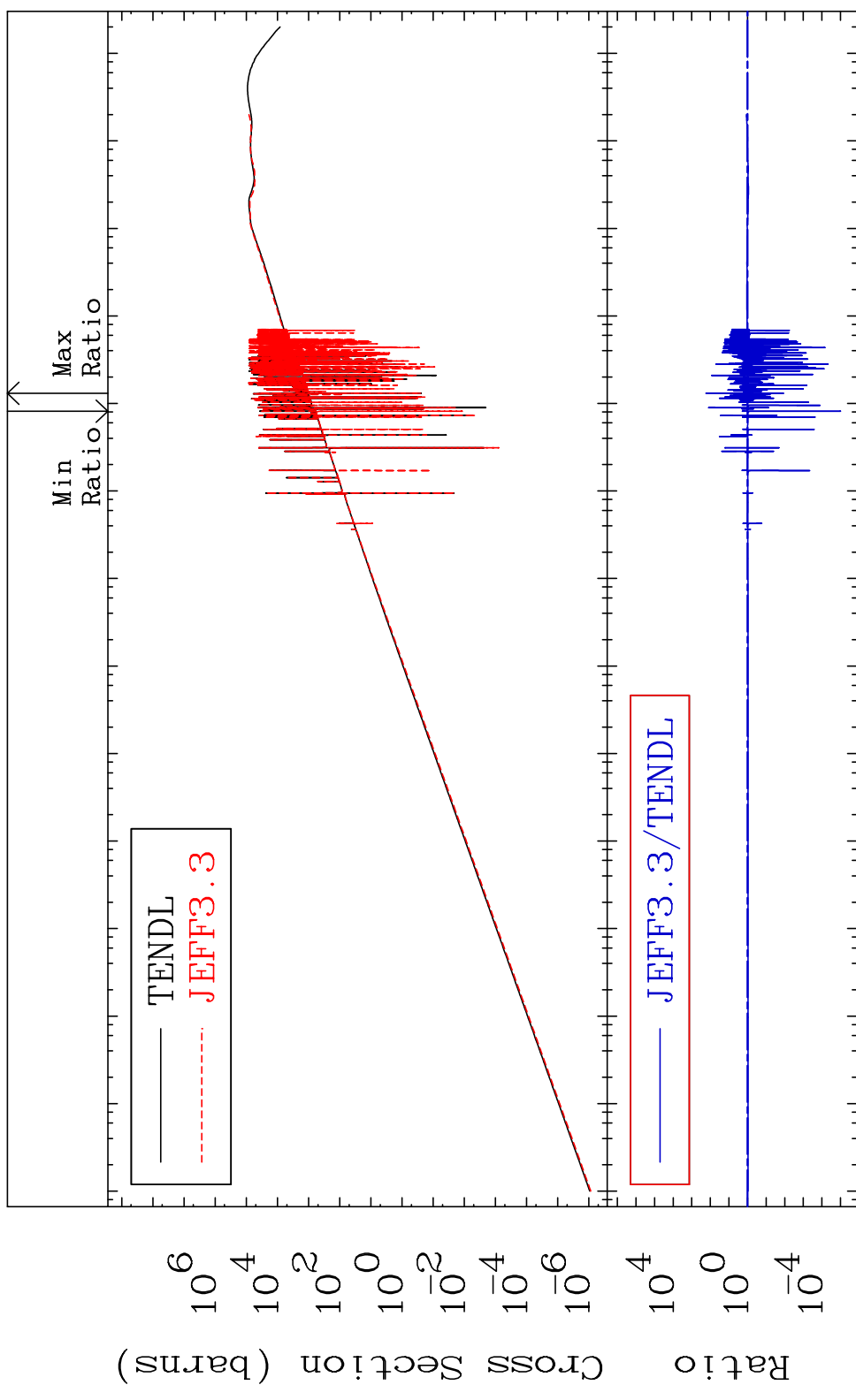
MAT 5049 Kerma total (eV-barns) 50-Sn-120
 Cross Section -99.95 To 9999. %



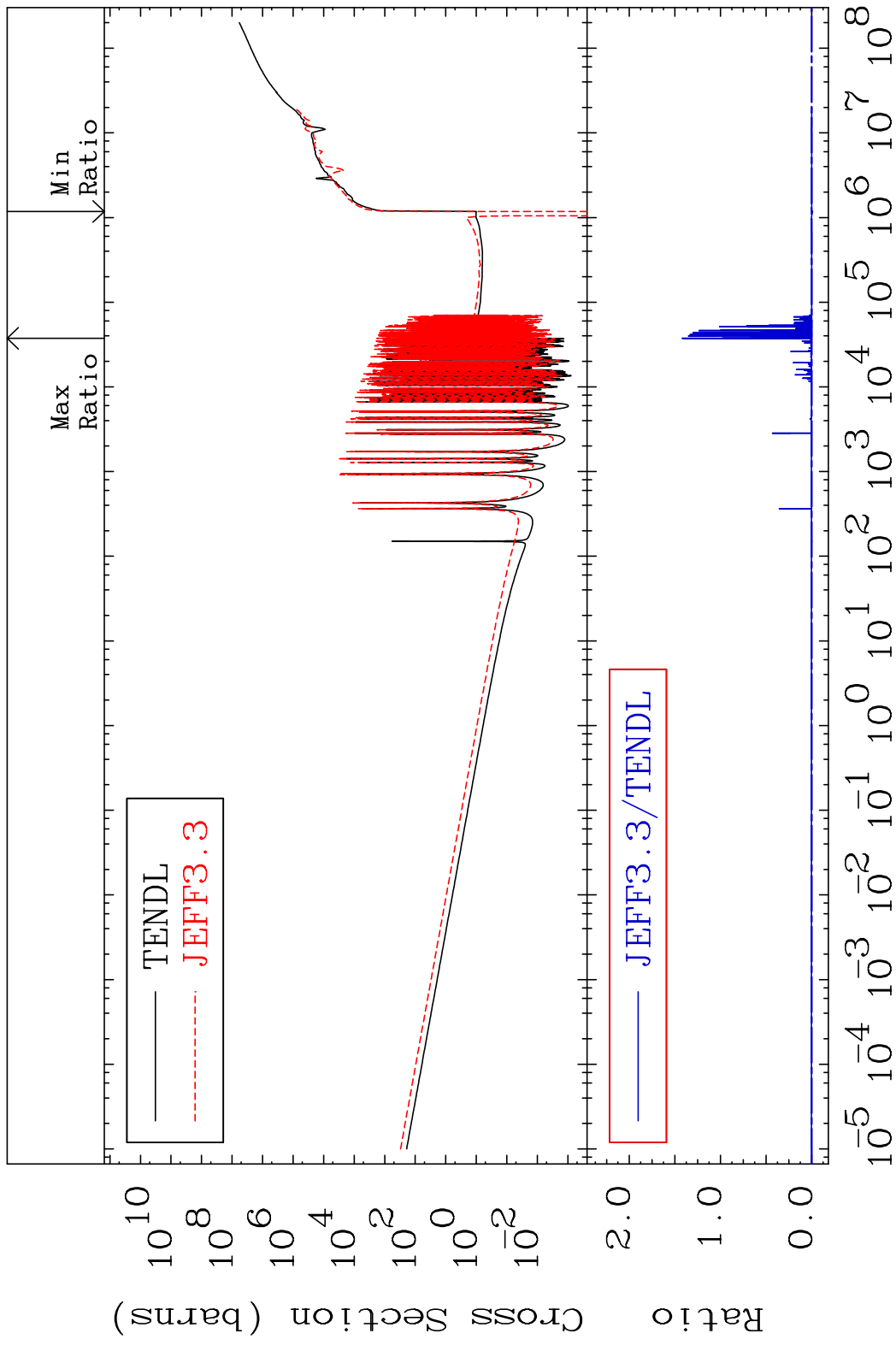
40 Incident Energy (eV) 50-Sn-120

MAT 5049

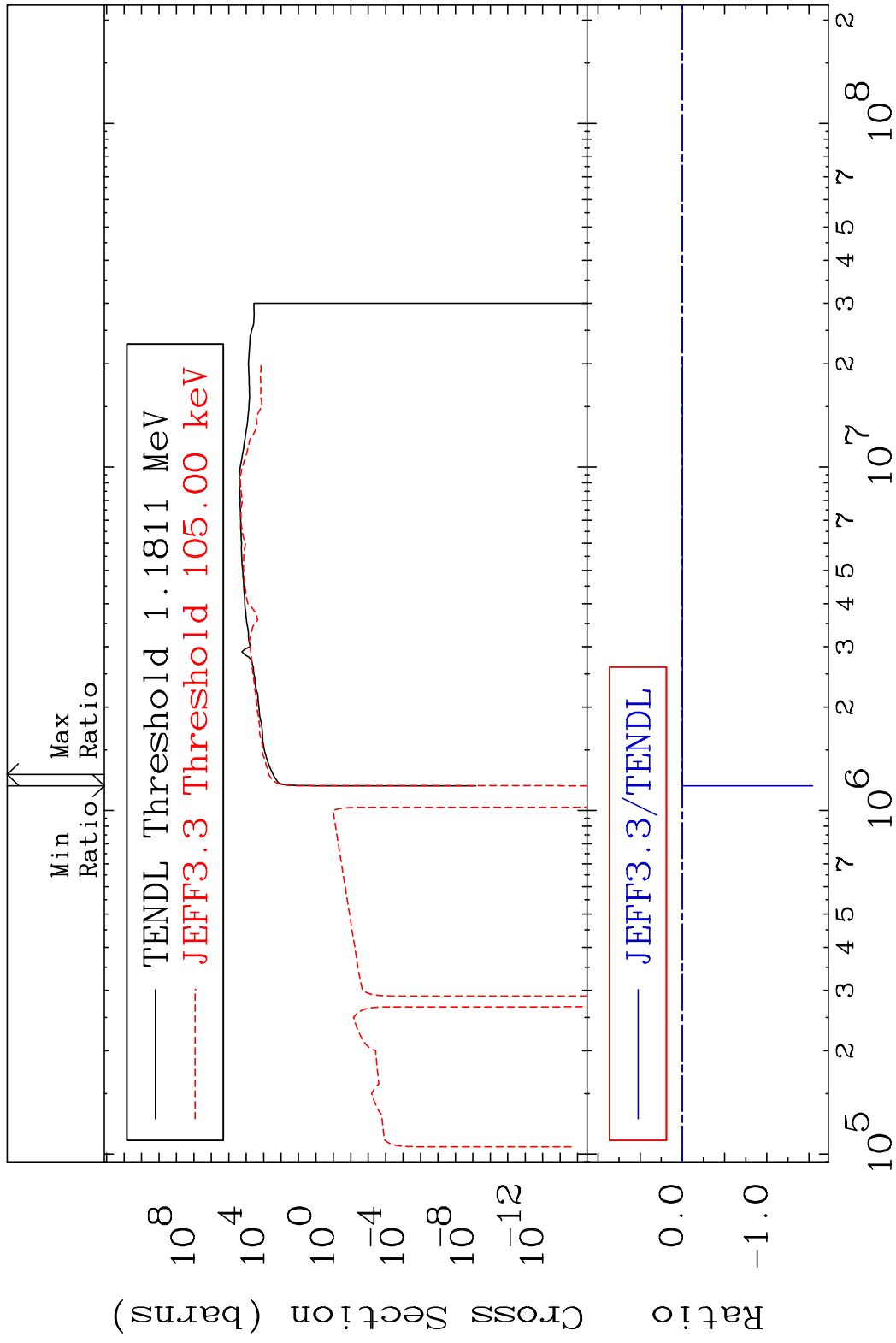
Kerma elastic Cross Section
50-Sn-120
-100.0 To 9999. %



MAT 5049 Kerma non-elastic (all but mt2) 50-Sn-120
 Cross Section -1018. To 9999. %

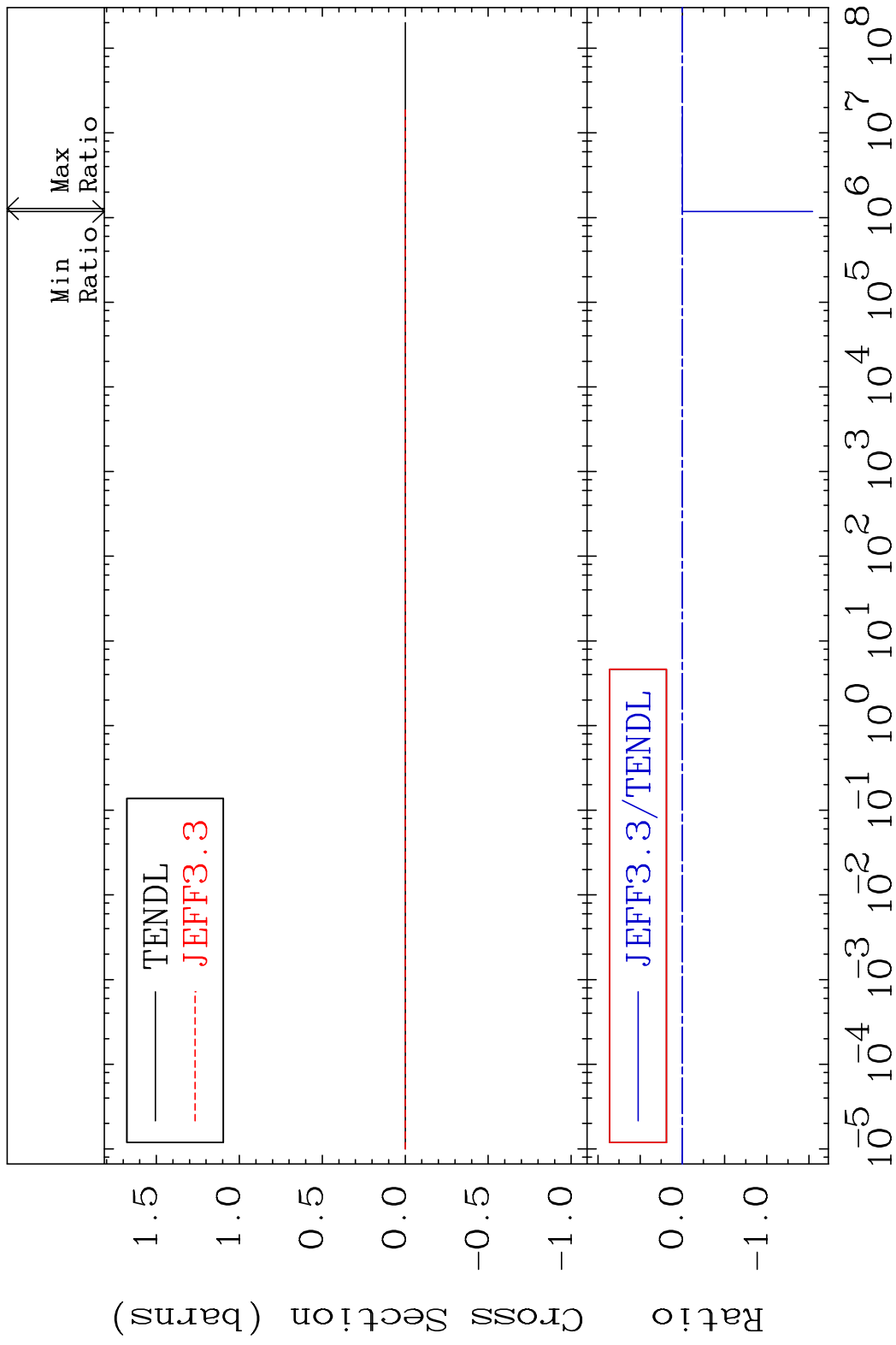


MAT 5049 Kerma inelastic (mt51-91) 50-Sn-120
 Cross Section -9999. To 77.18 %



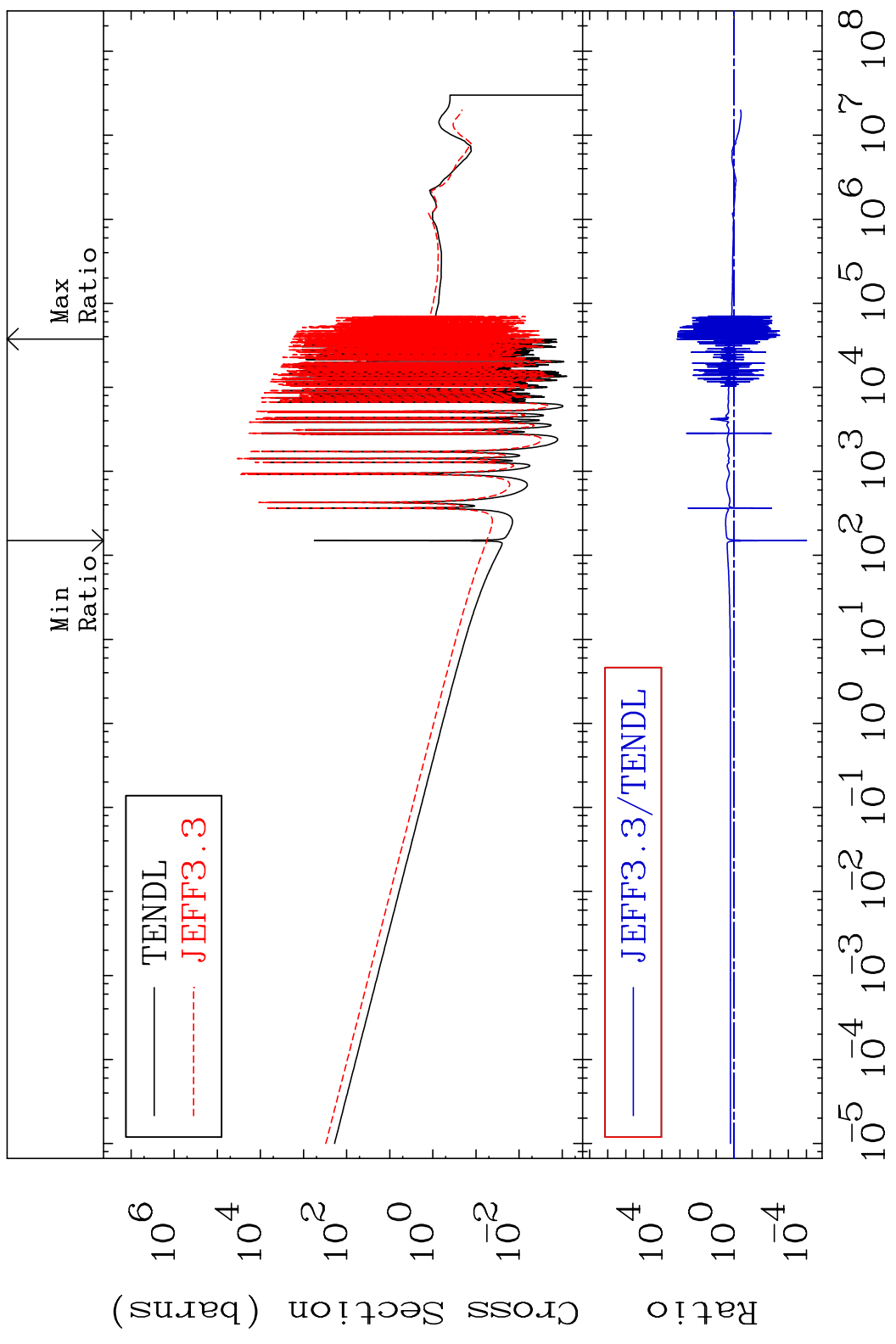
43 Incident Energy (eV) 50-Sn-120

MAT 5049 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-120
 Cross Section -9999. To 77.18 %



MAT 5049

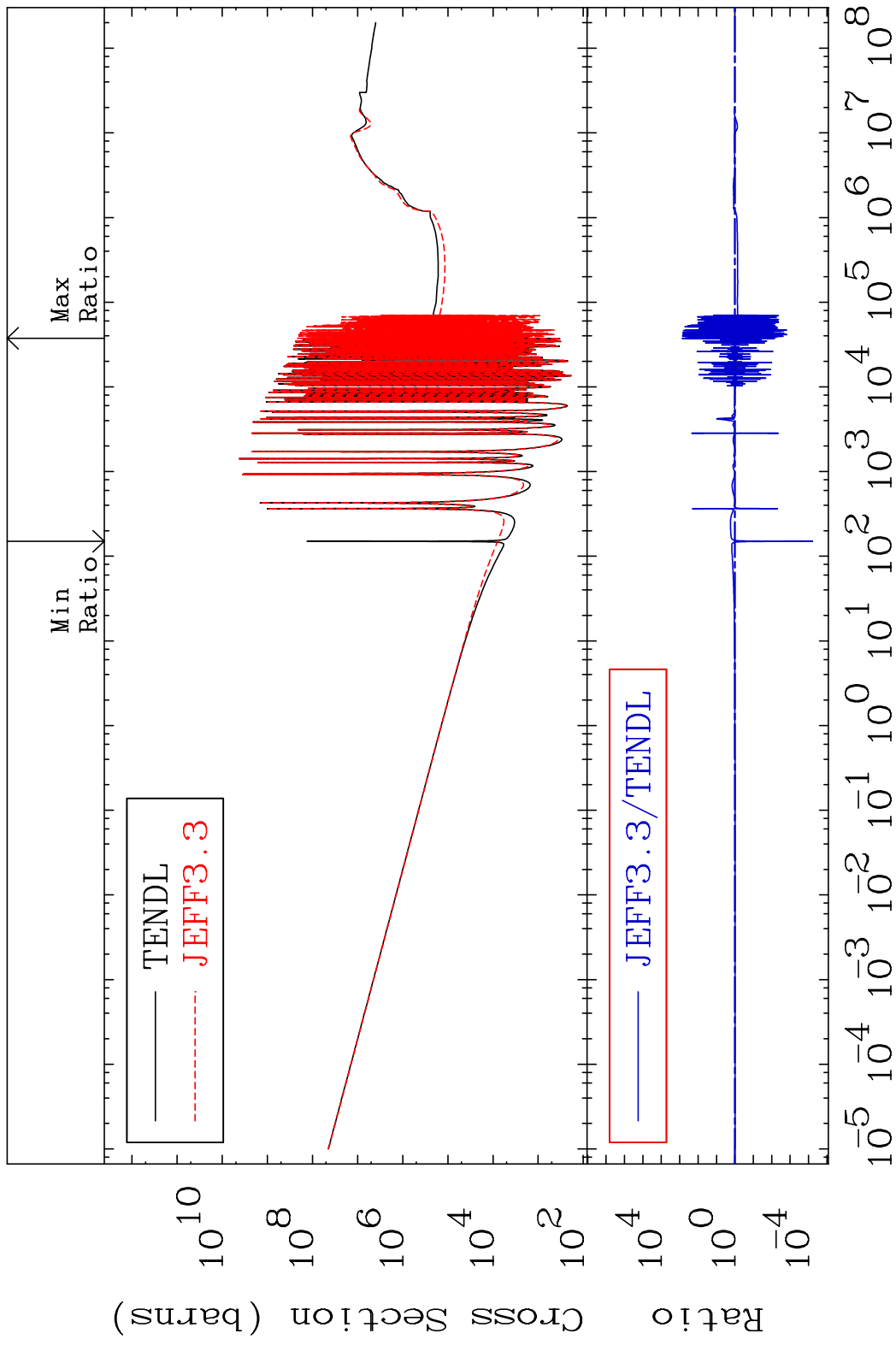
Kerma capture (mt102) 50-Sn-120
Cross Section -99.99 To 9999. %



45

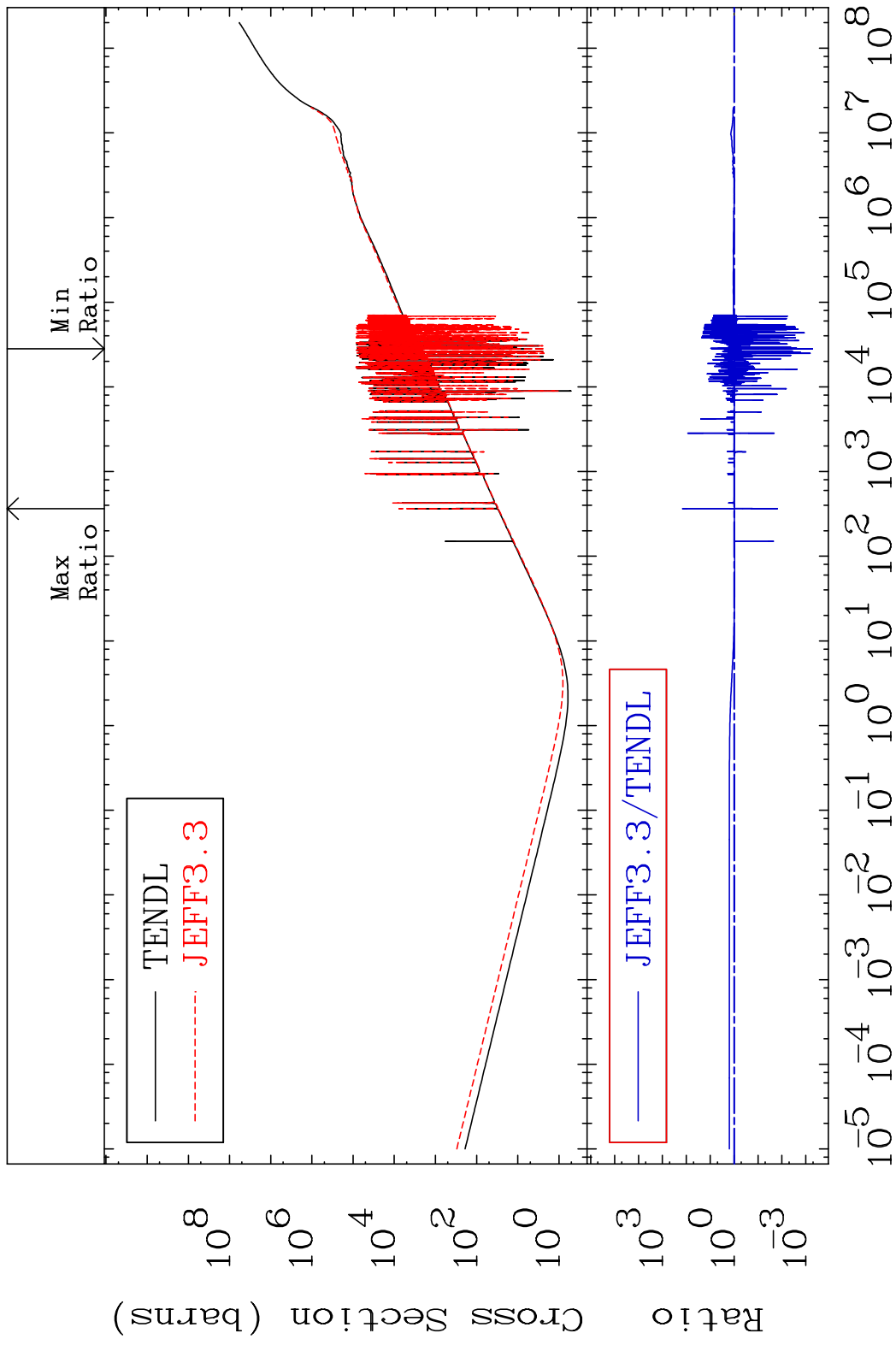
Incident Energy (eV) 50-Sn-120

MAT 5049 Total photon (eV-barns) 50-Sn-120
 Cross Section -99.99 To 9999. %

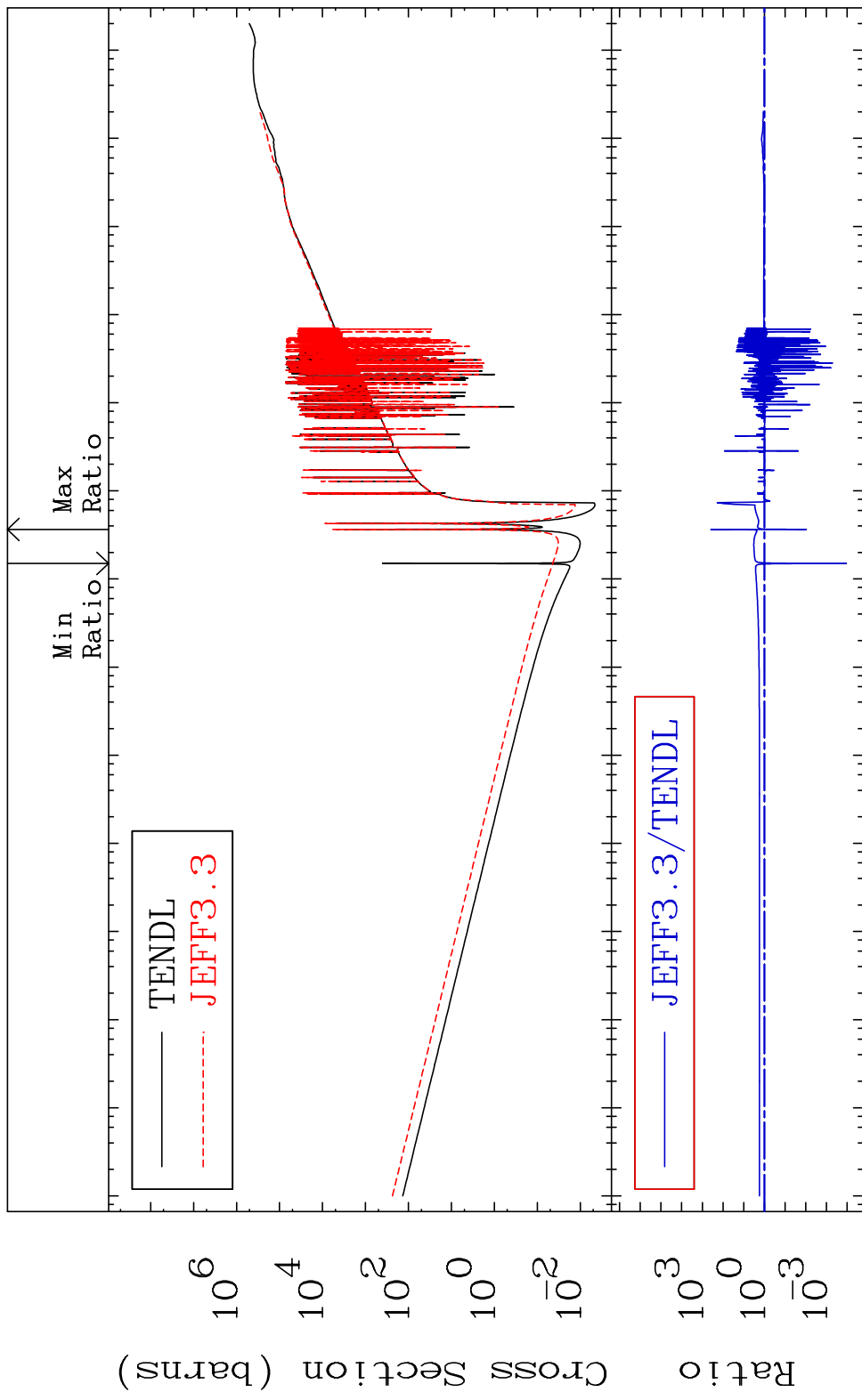


46 Incident Energy (eV) 50-Sn-120

MAT 5049 Total kinematic kerma (high limit) 50-Sn-120
 Cross Section -99.95 To 9999. %



MAT 5049 Dpa total (eV-barns) 50-Sn-120
 Cross Section -99.99 To 9999. %

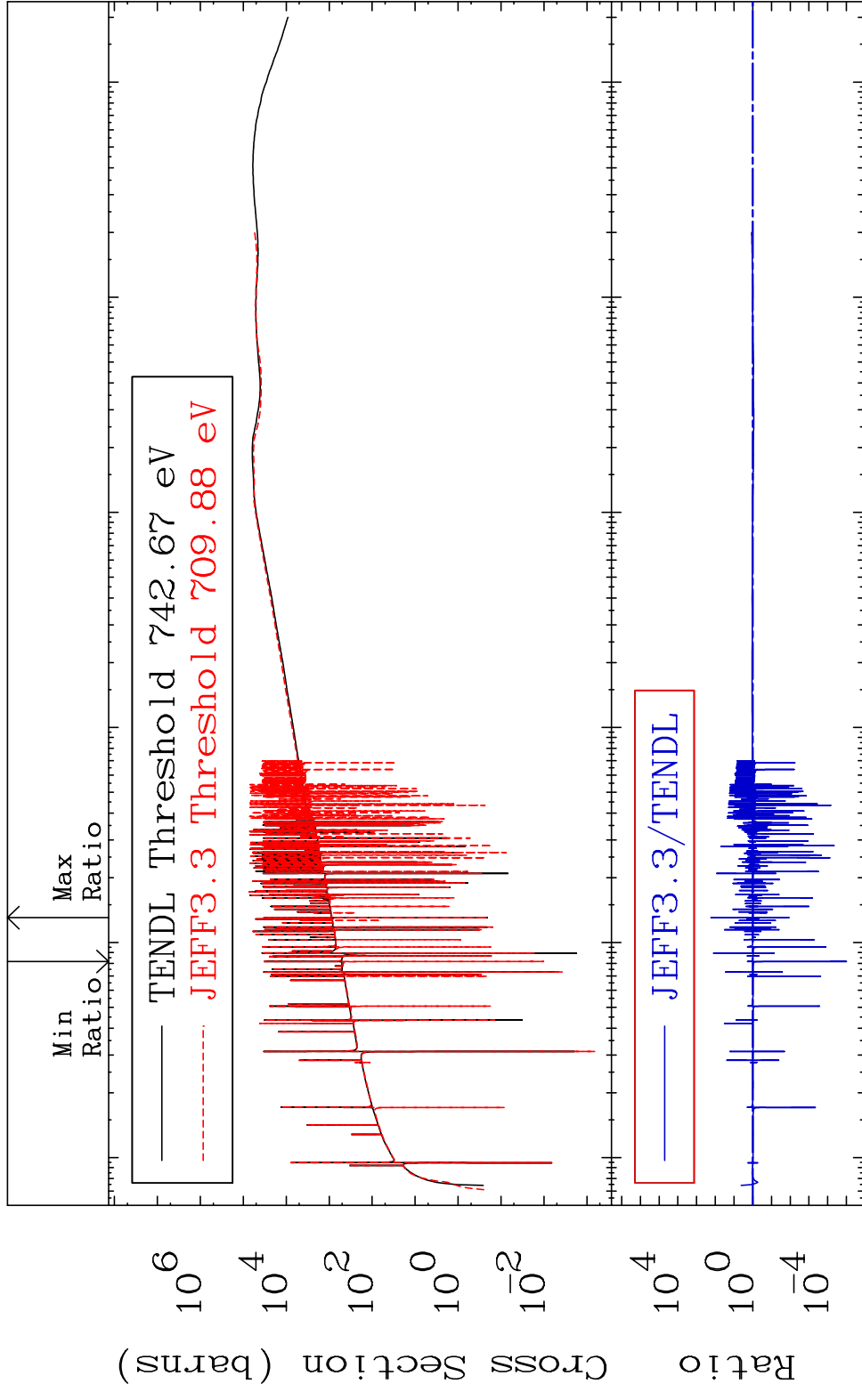


MAT 5049

Dpa elastic (mt2)

50-Sn-120

Cross Section -100.0 To 9999. %

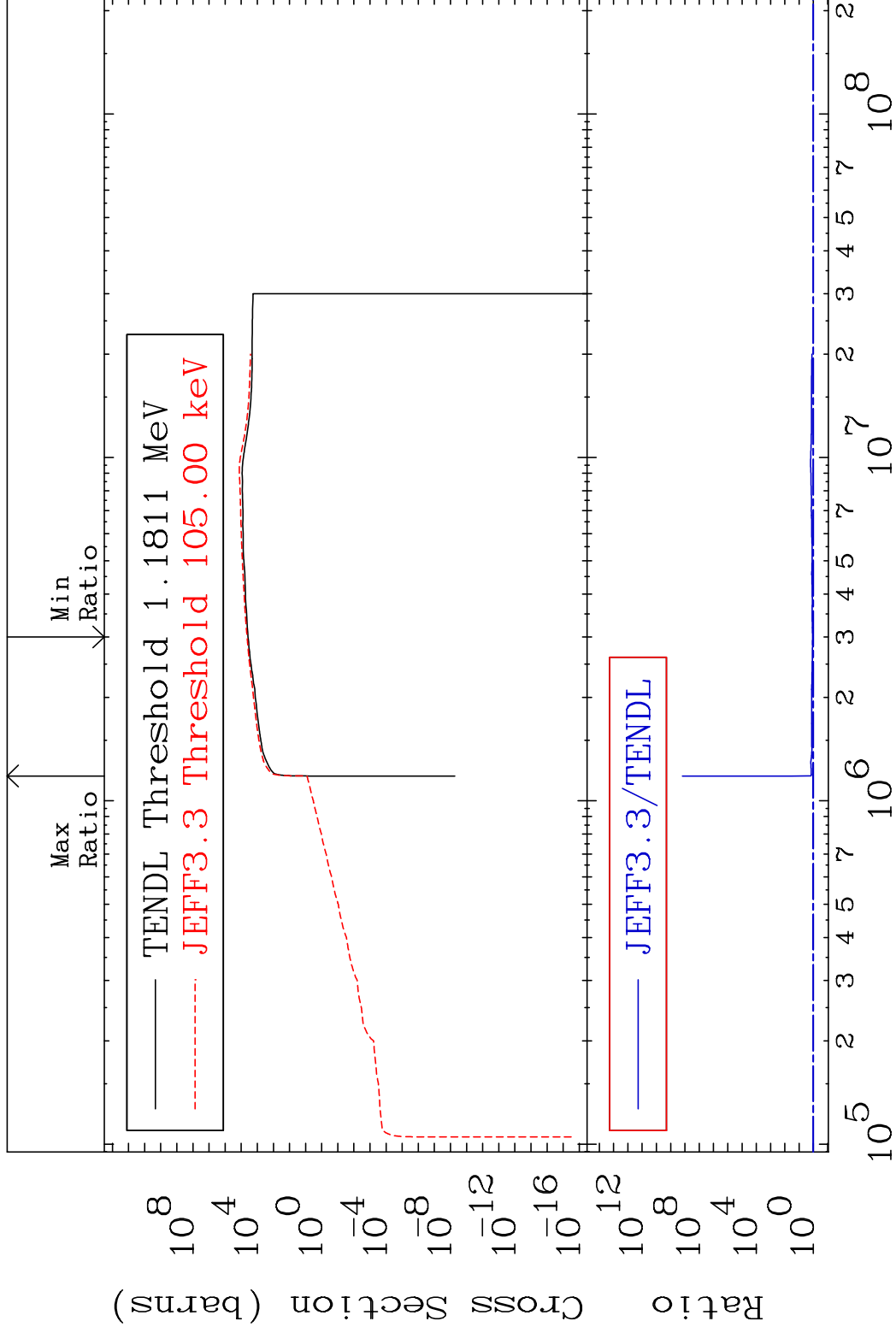


MAT 5049

Dpa inelastic (mt51-91)

50-Sn-120

Cross Section 14.22 To 9999. %



50

Incident Energy (eV)

50-Sn-120

MAT 5049 Dpa disappearance (mt102 -120) 50-Sn-120
 Cross Section -99.99 To 9999. %

