

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

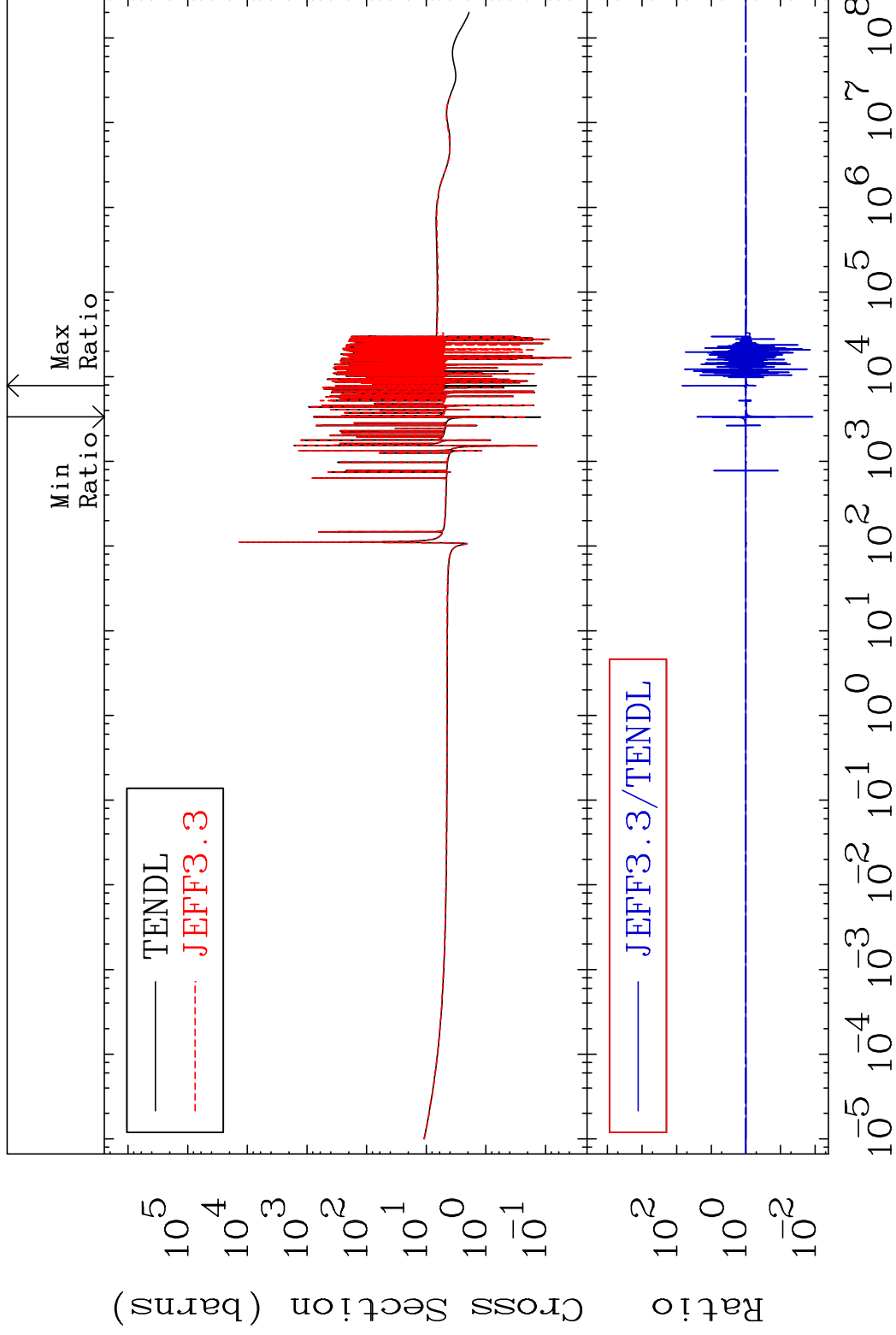
MAT 5037

Total

50-Sn-116

Cross Section

-98.81 To 6727. %



1

Incident Energy (eV)

50-Sn-116

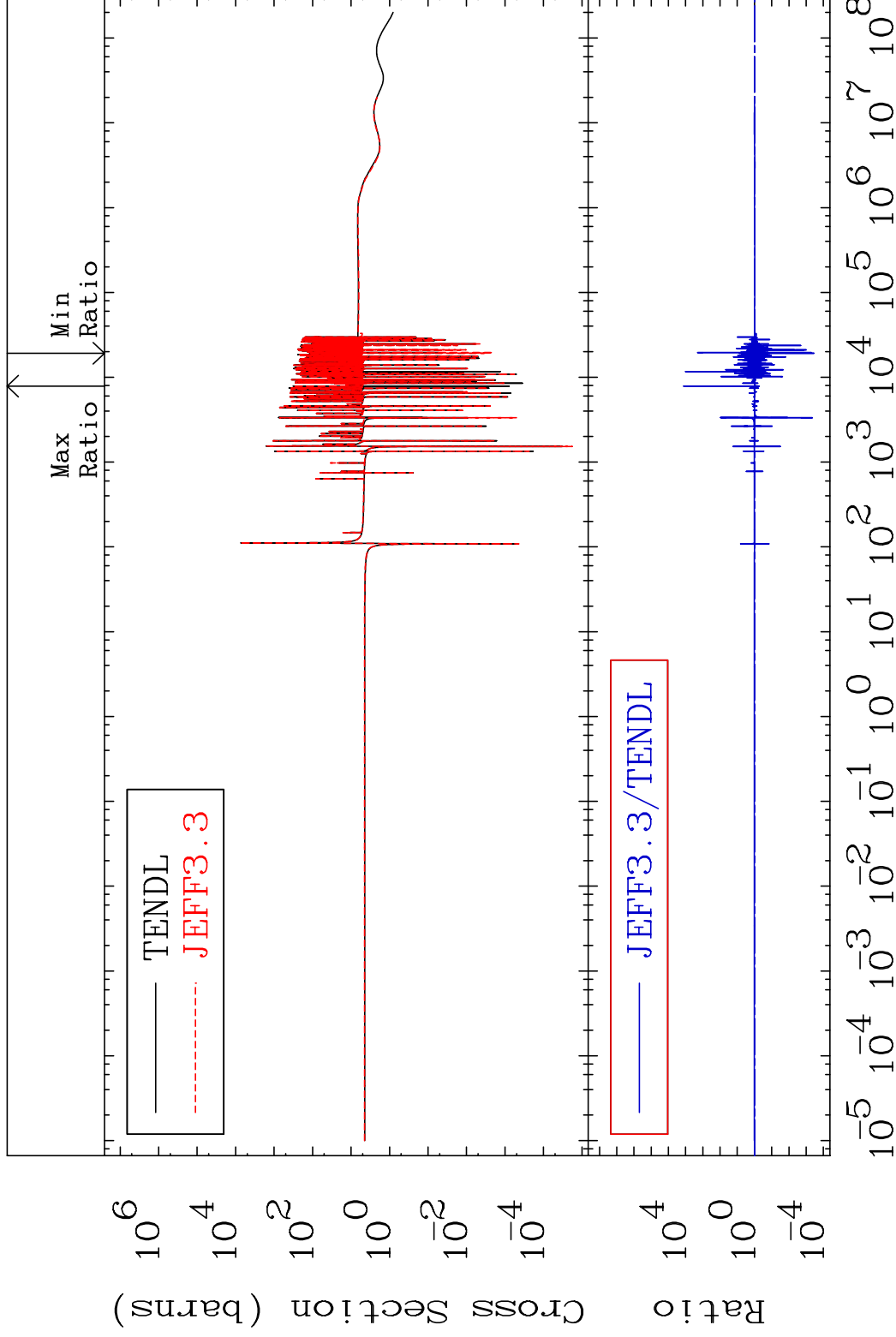
MAT 5037

Elastic

50-Sn-116

Cross Section

-99.97 To 9999. %



2

Incident Energy (eV)

50-Sn-116

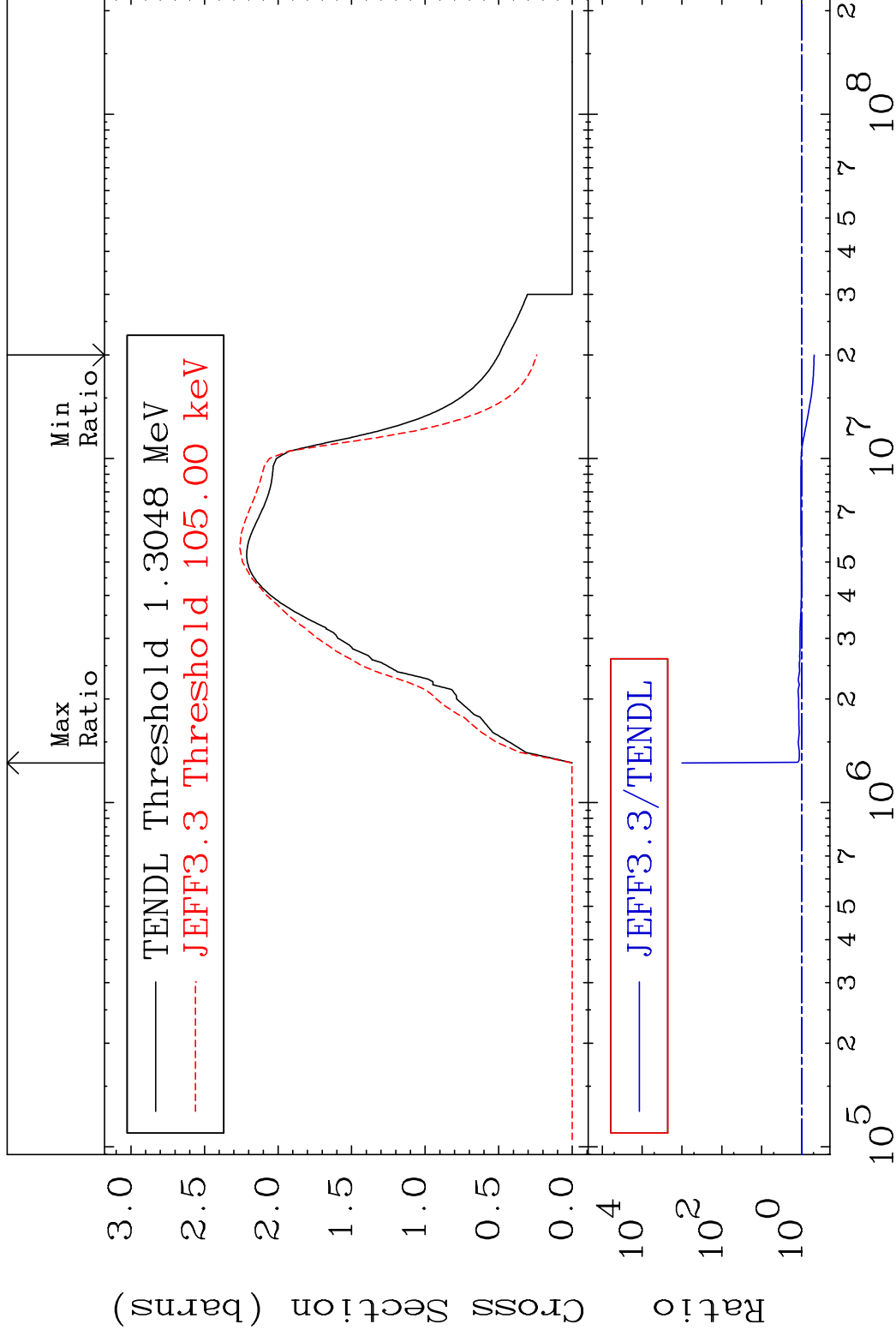
MAT 5037

Inelastic

50-Sn-116

Cross Section

-51.65 To 9999. %



3

Incident Energy (eV)

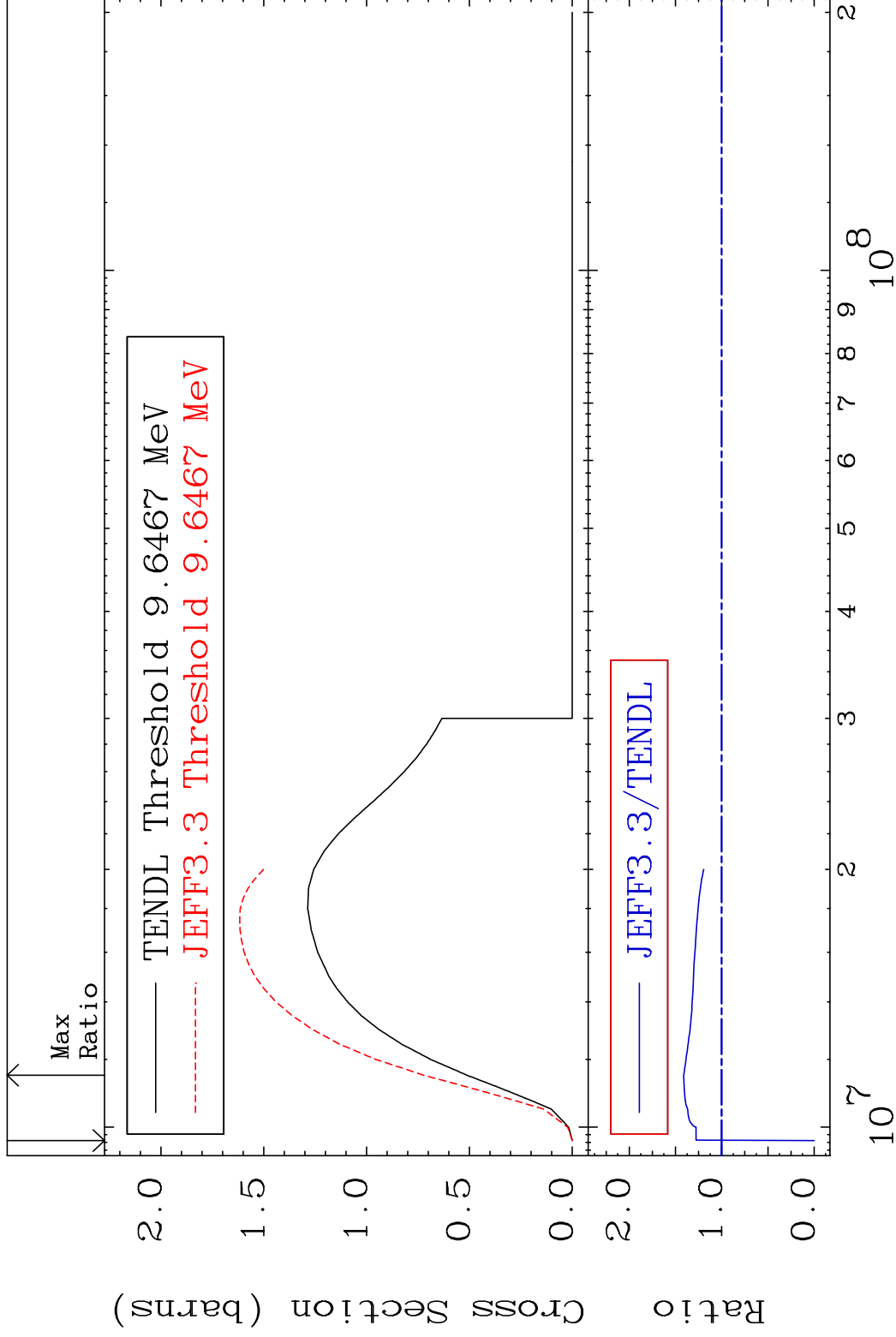
50-Sn-116

MAT 5037

(n,2n)

50-Sn-116

Cross Section -100.0 To 41.13 %



4

Incident Energy (eV)

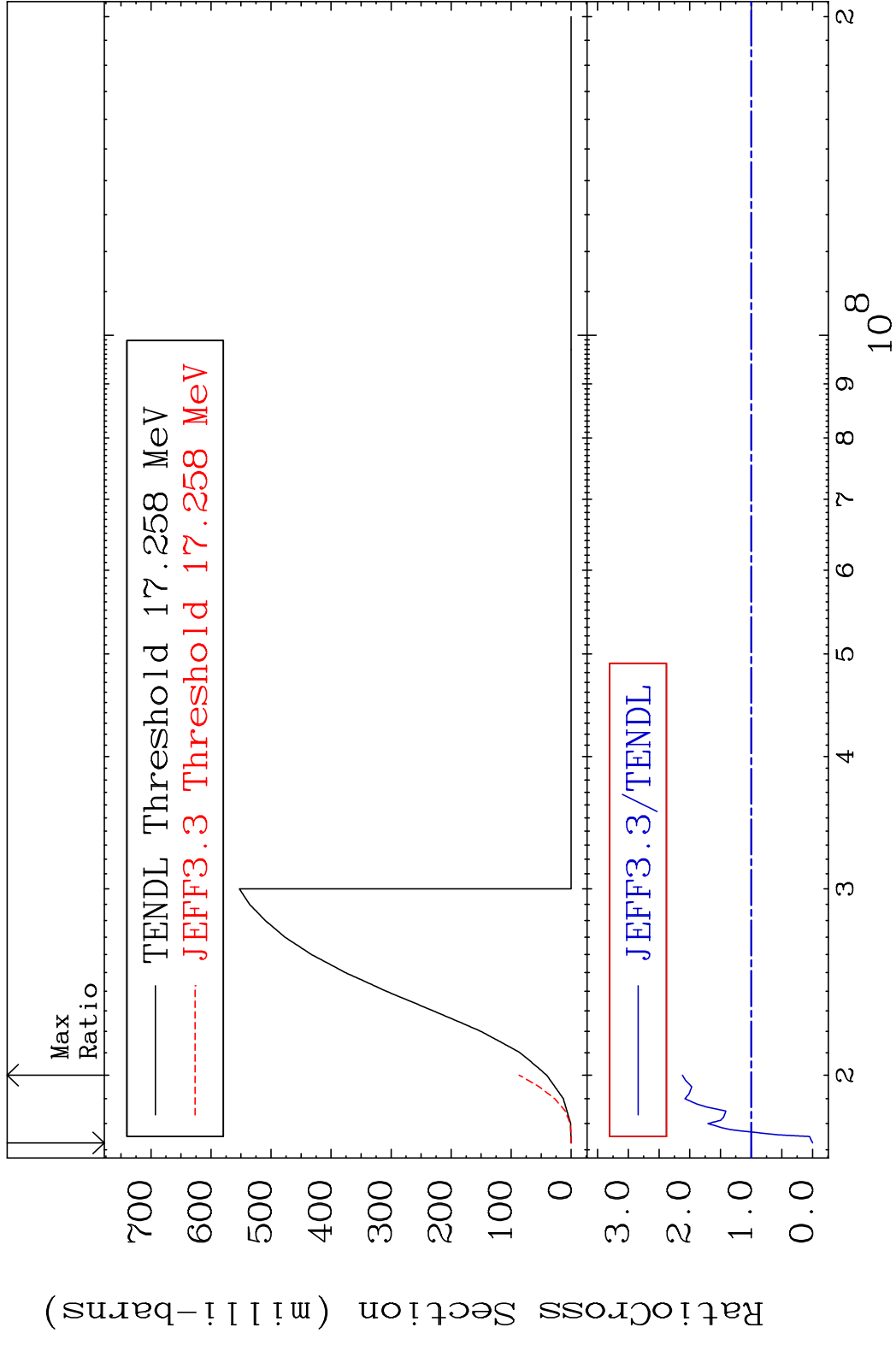
50-Sn-116

MAT 5037

(n,3n)

50-Sn-116

Cross Section -100.0 To 112.0 %

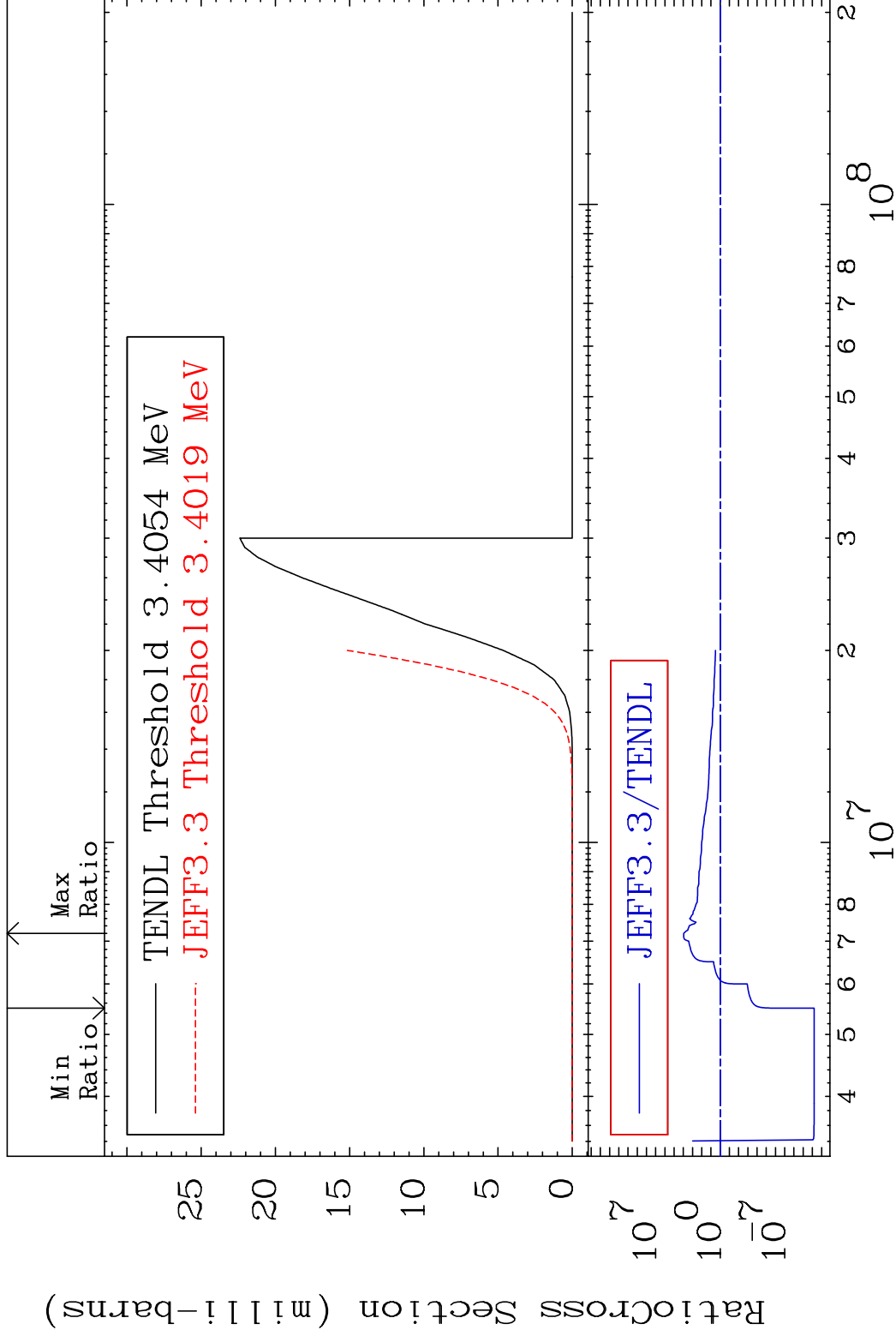


MAT 5037

(n, n') α

50-Sn-116

Cross Section -100.0 To 9999. %

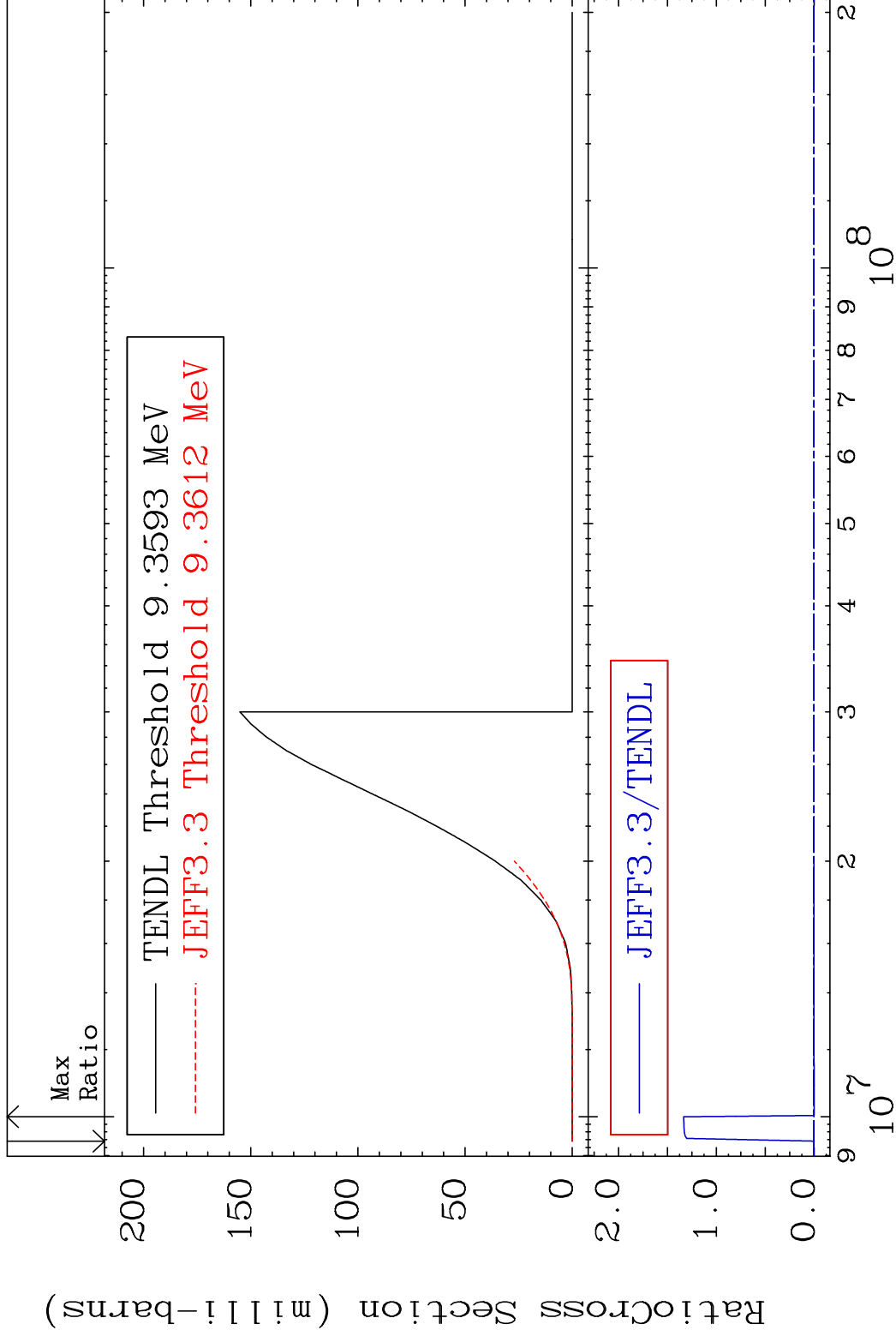


MAT 5037

(n, n') p

50-Sn-116

Cross Section -100.0 To 9999. %

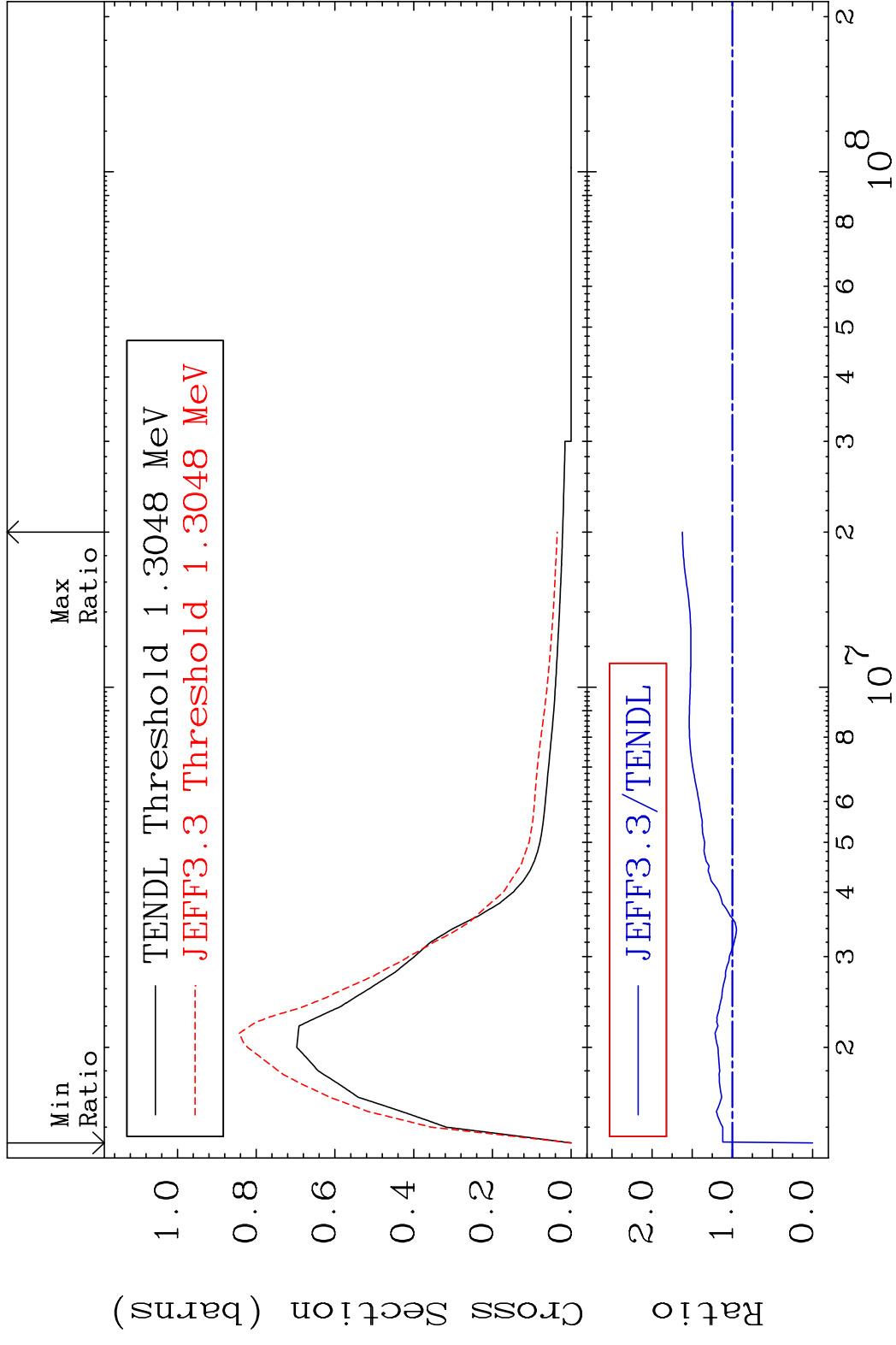


7

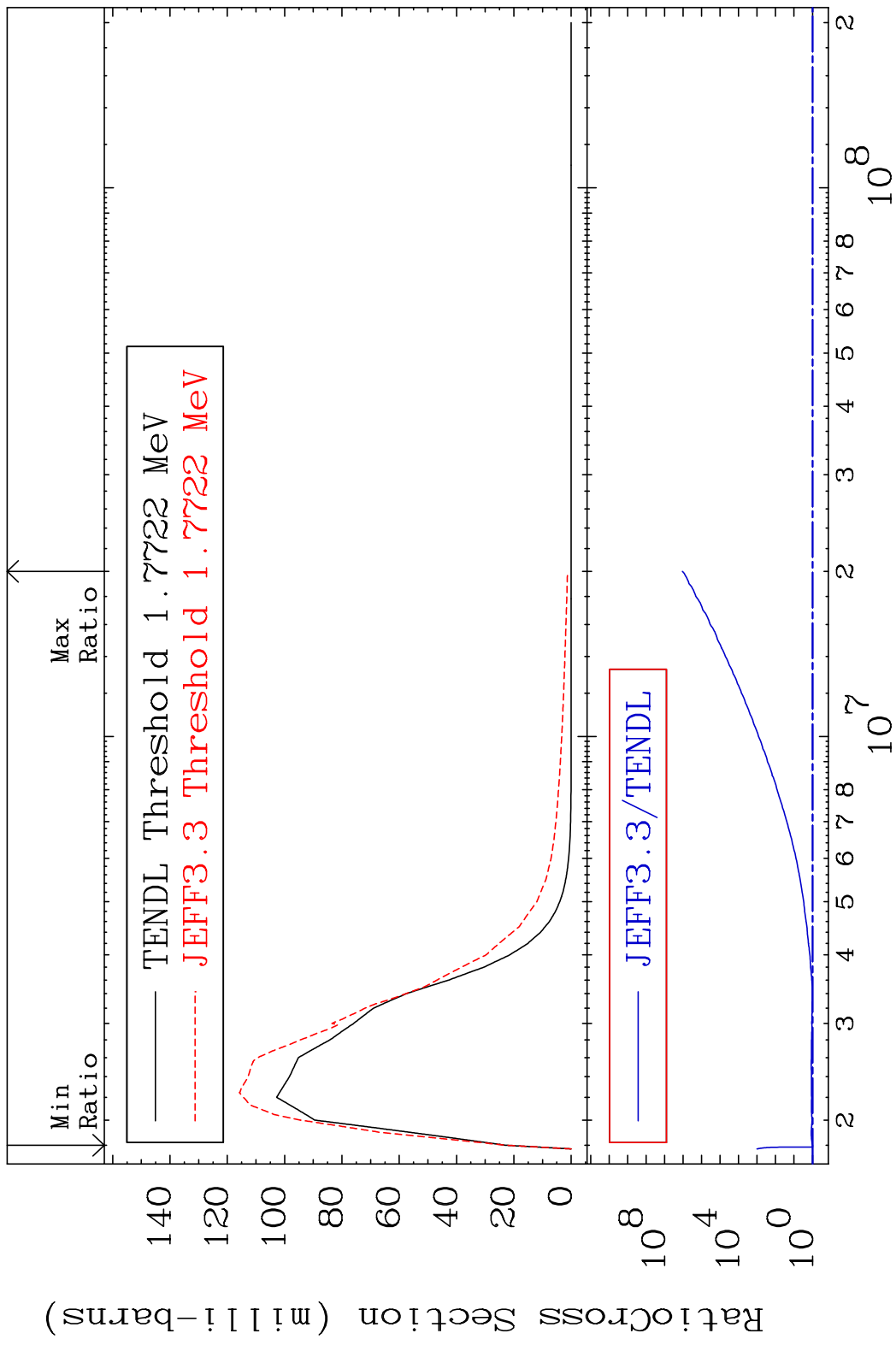
Incident Energy (eV)

50-Sn-116

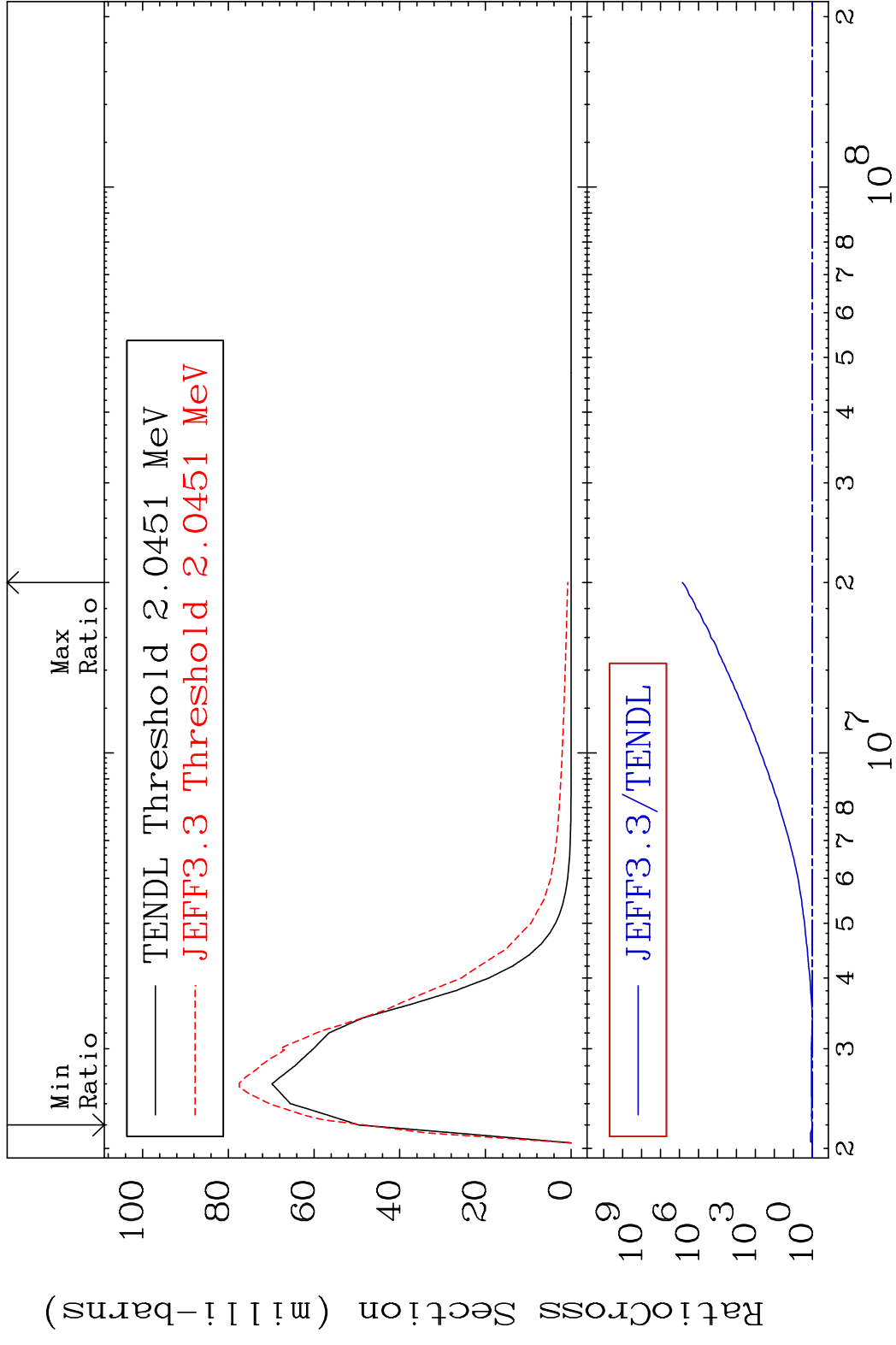
MAT 5037 MT= 51 (n, n') Level 50-Sn-116
 Cross Section -100.0 To 62.29 %



MAT 5037 MT= 52 (n, n') Level 50-Sn-116
 Cross Section -0.730 To 9999. %



MAT 5037 MT= 53 (n, n') Level 50-Sn-116
 Cross Section -2.680 To 9999. %

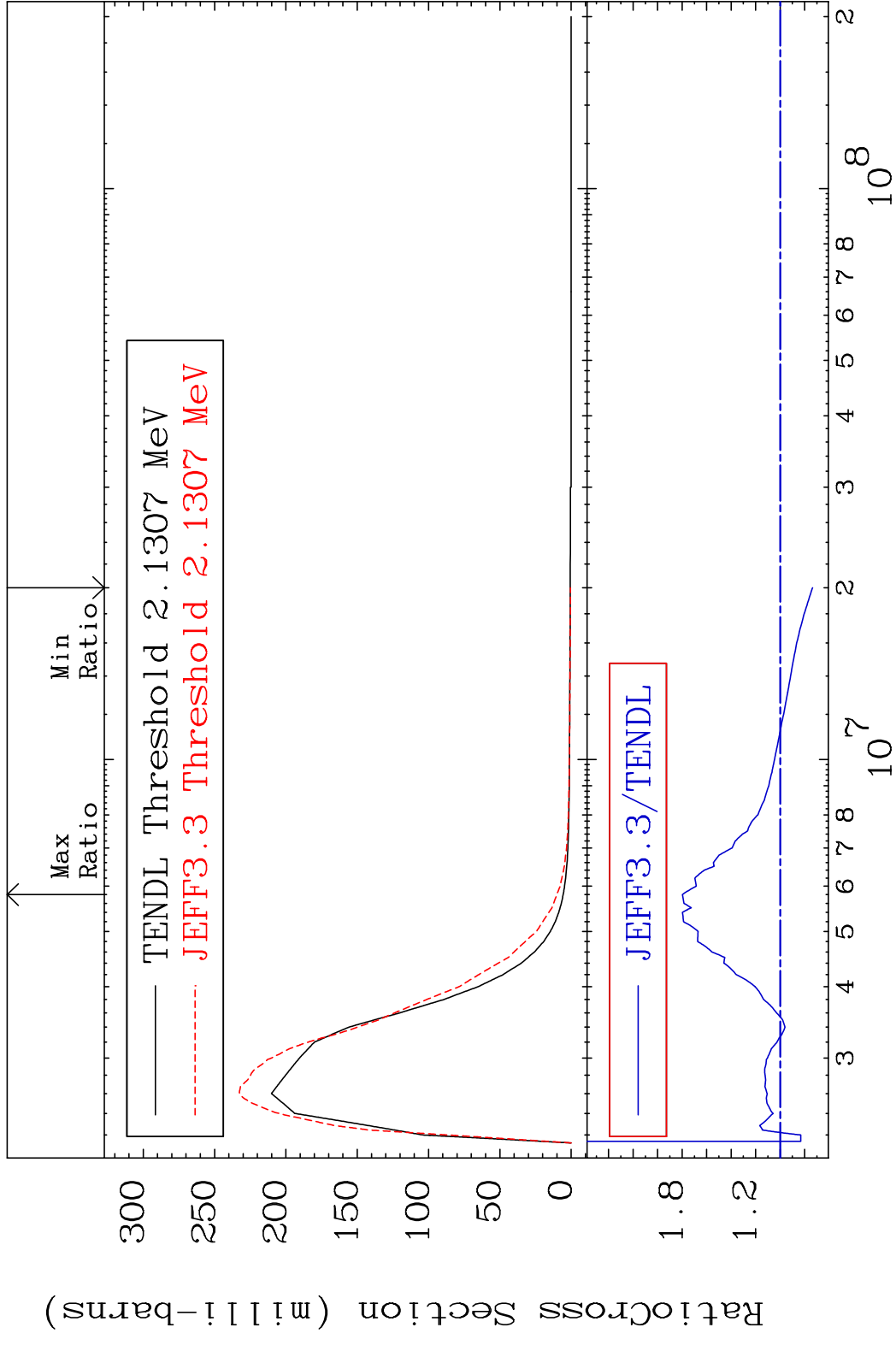


MAT 5037

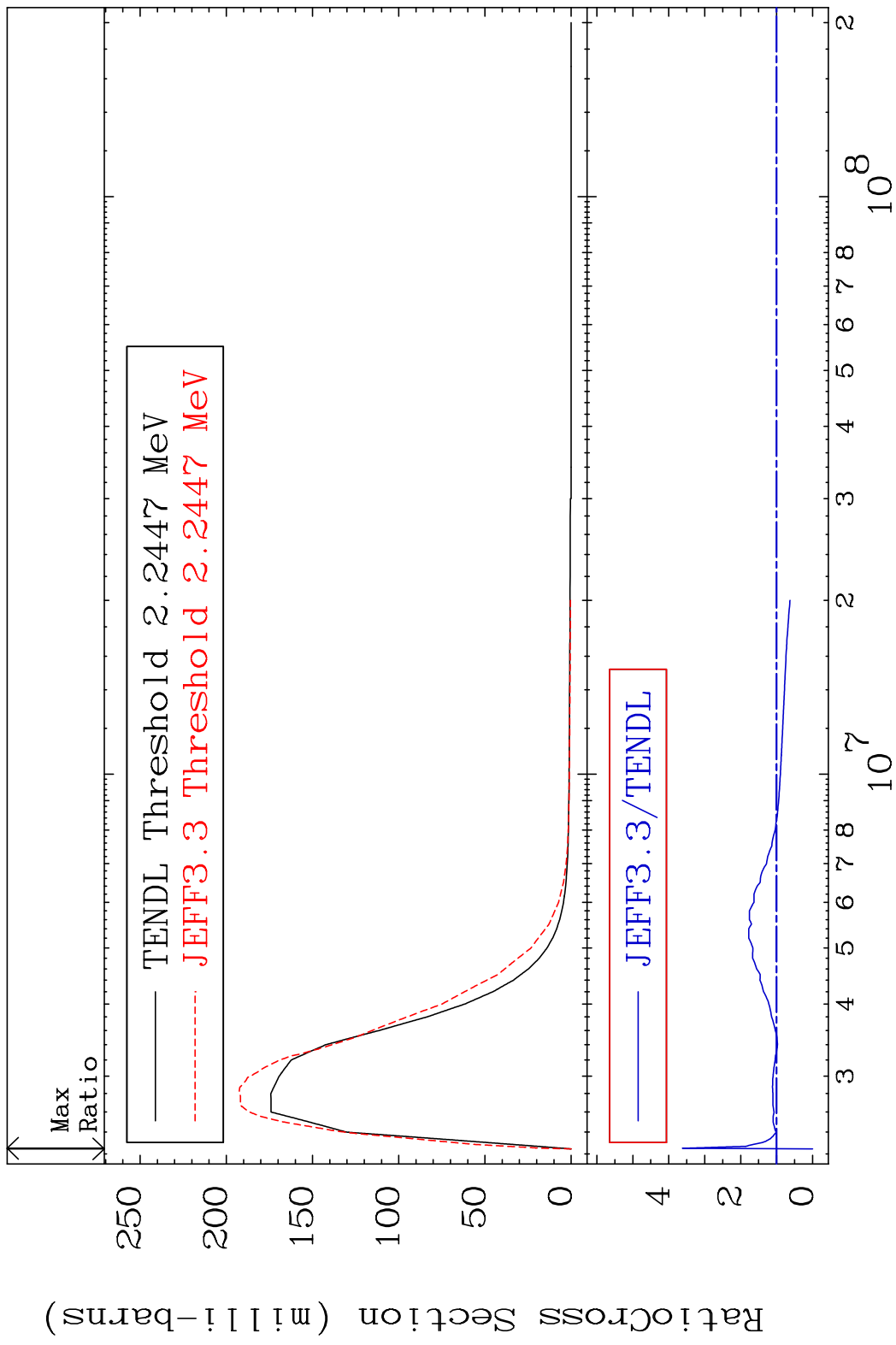
MT= 54 (n,n') Level

50-Sn-116

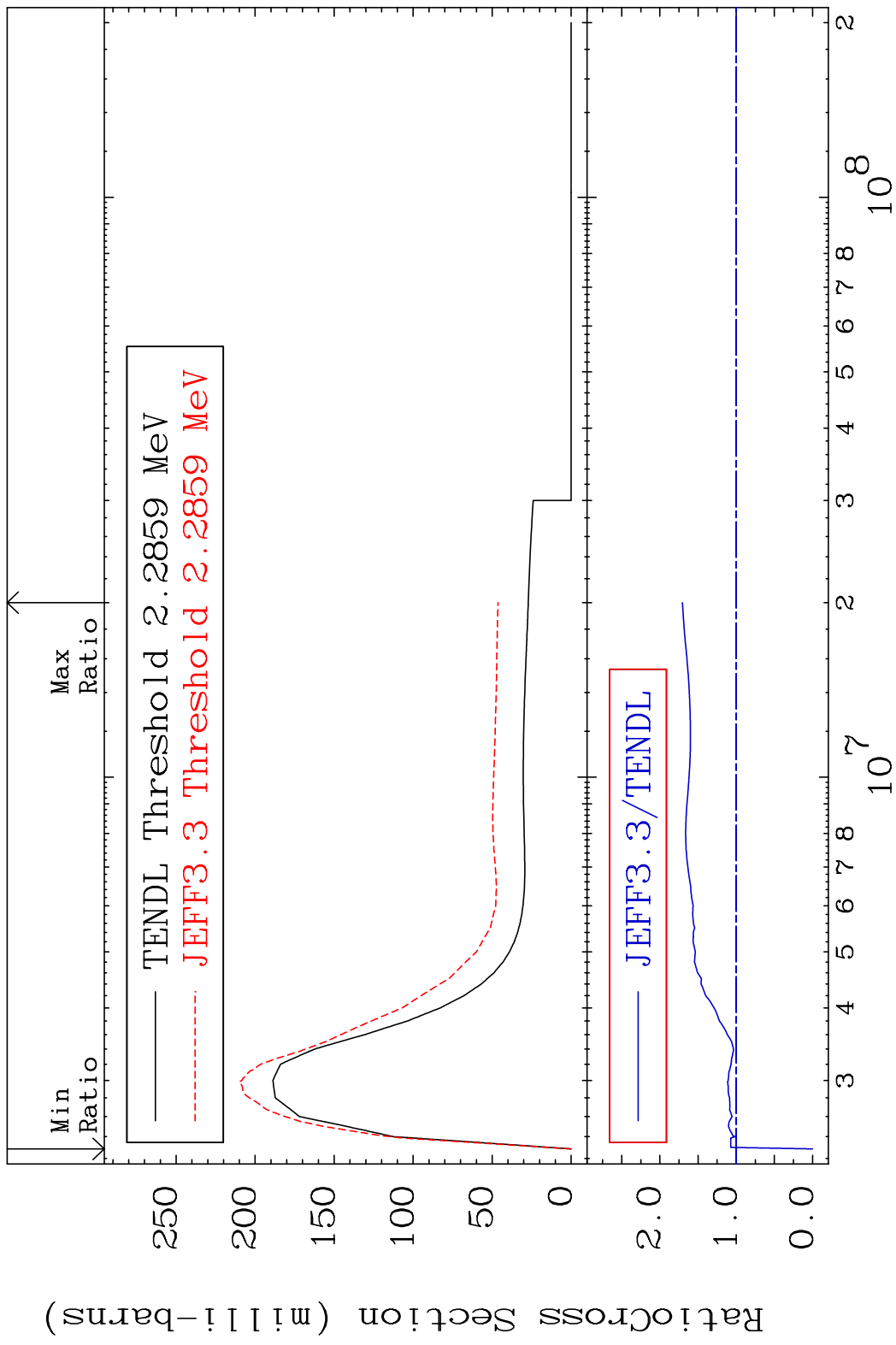
Cross Section -26.45 To 79.81 %



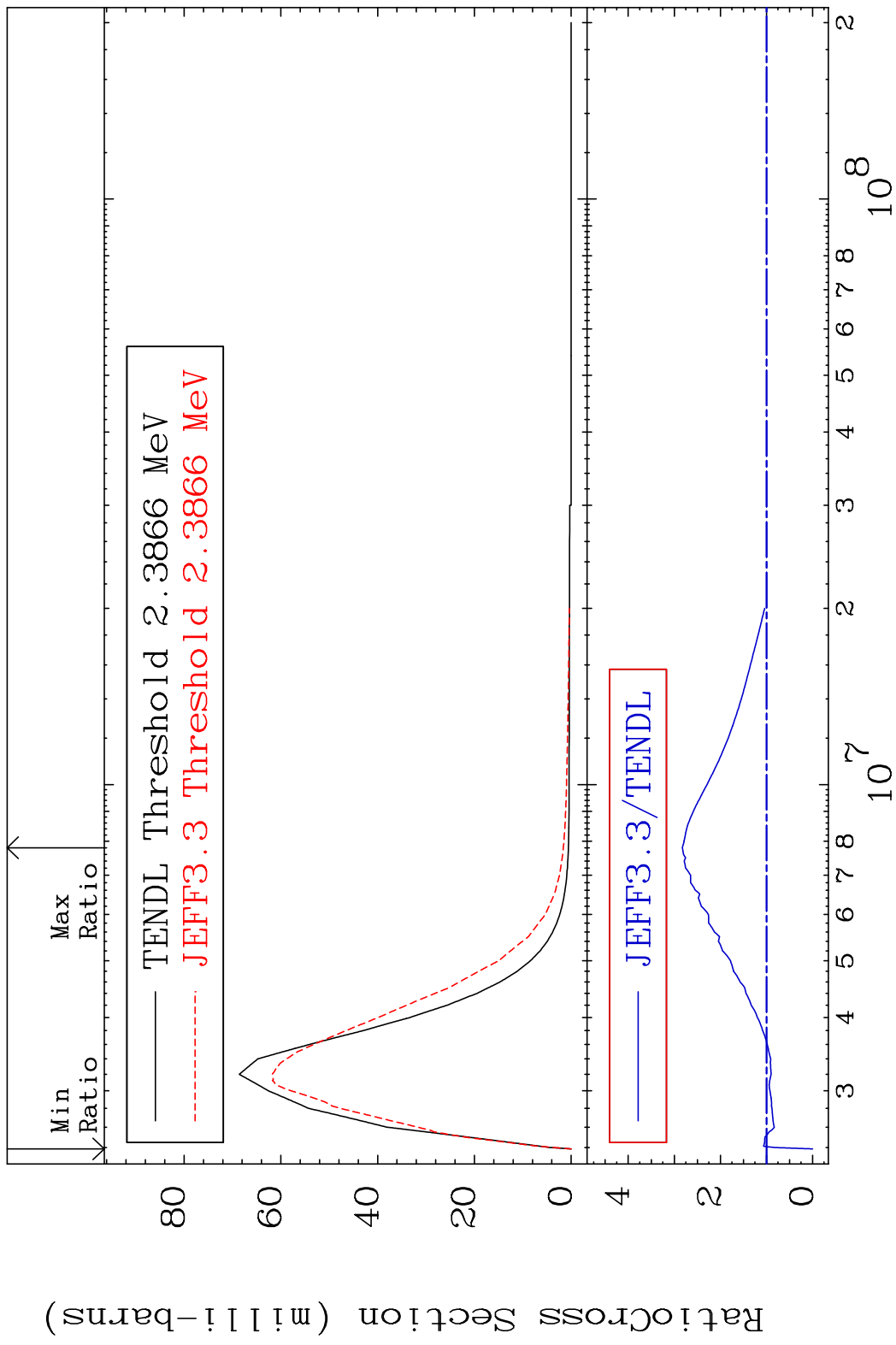
MAT 5037 MT= 55 (n, n') Level 50-Sn-116
 Cross Section -100.0 To 262.2 %



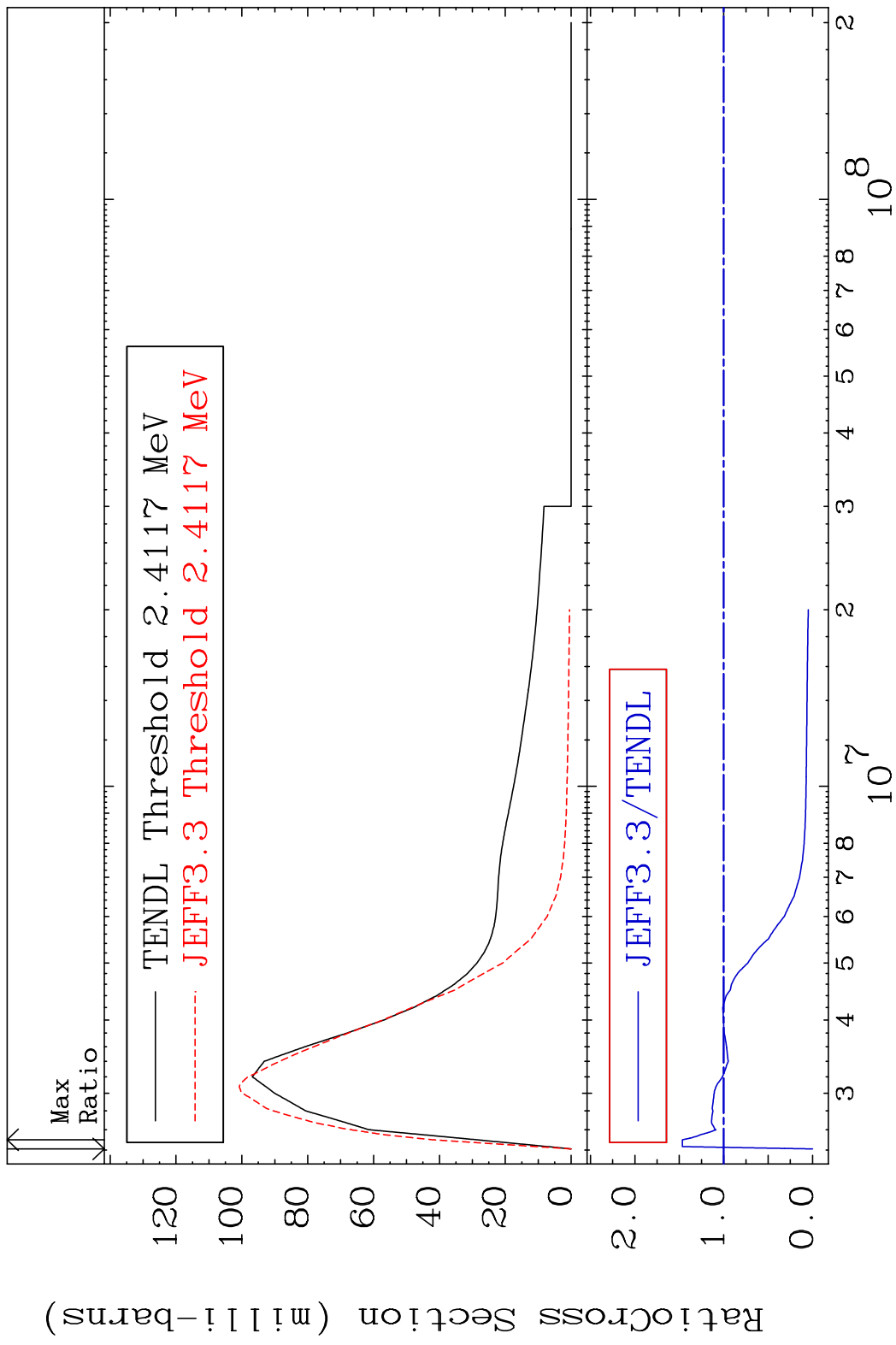
MAT 5037 MT= 56 (n, n') Level 50-Sn-116
 Cross Section -100.0 To 70.60 %



MAT 5037 MT= 57 (n, n') Level 50-Sn-116
 Cross Section -100.0 To 182.5 %



MAT 5037 MT= 58 (n, n') Level 50-Sn-116
 Cross Section -100.0 To 46.54 %

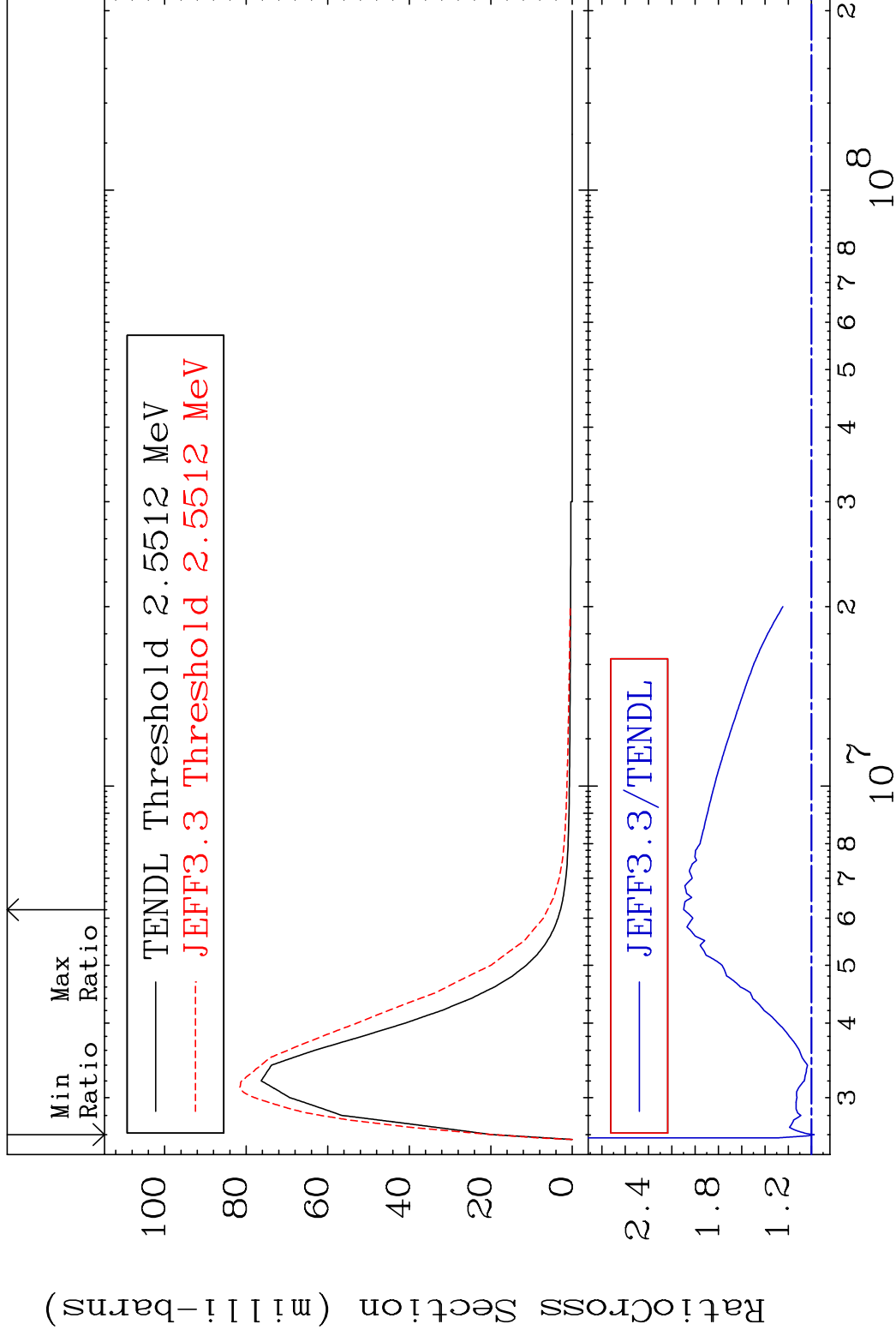


MAT 5037

MT= 59 (n, n') Level

50-Sn-116

Cross Section -2.221 To 109.8 %

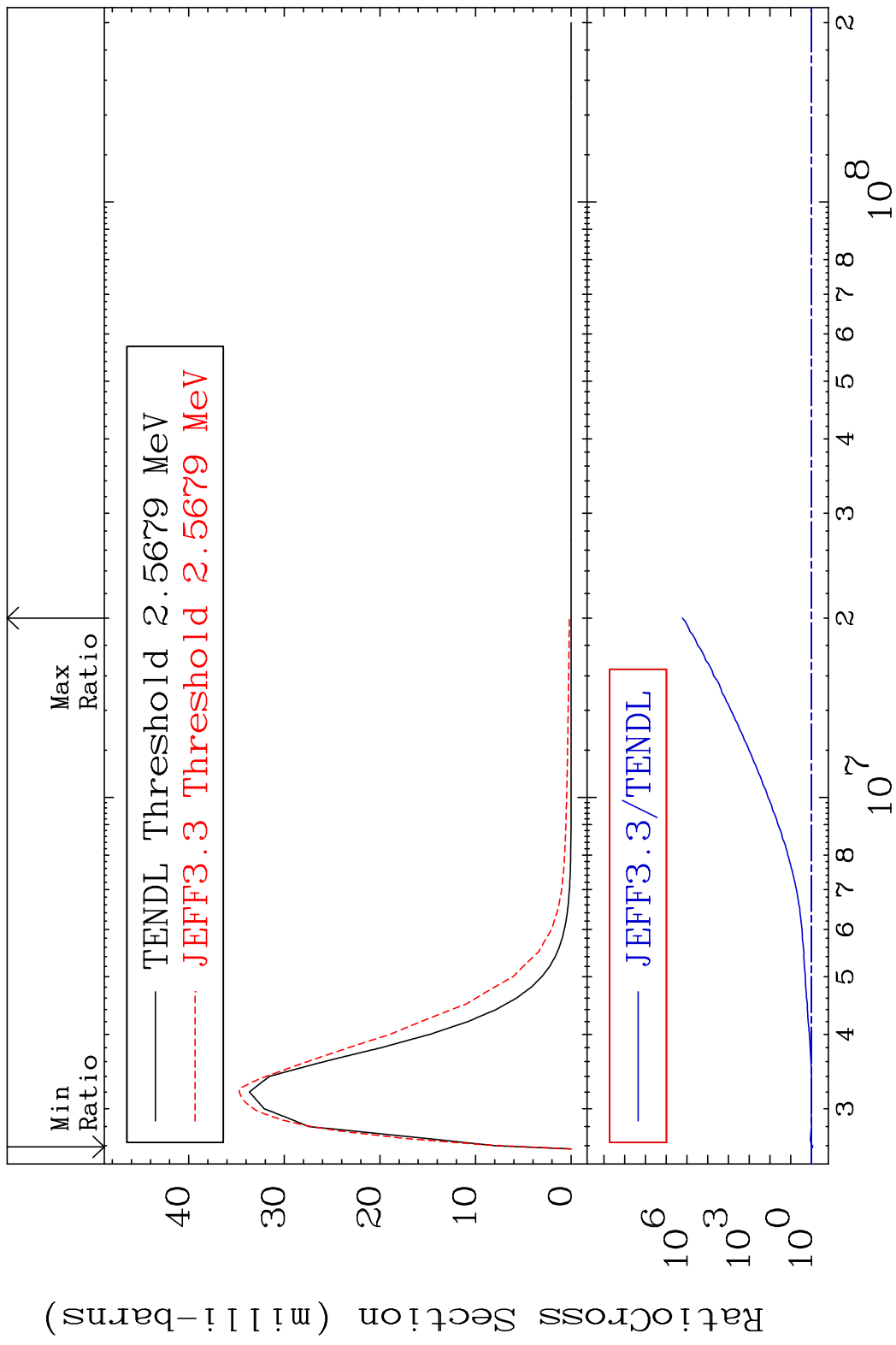


16

Incident Energy (eV)

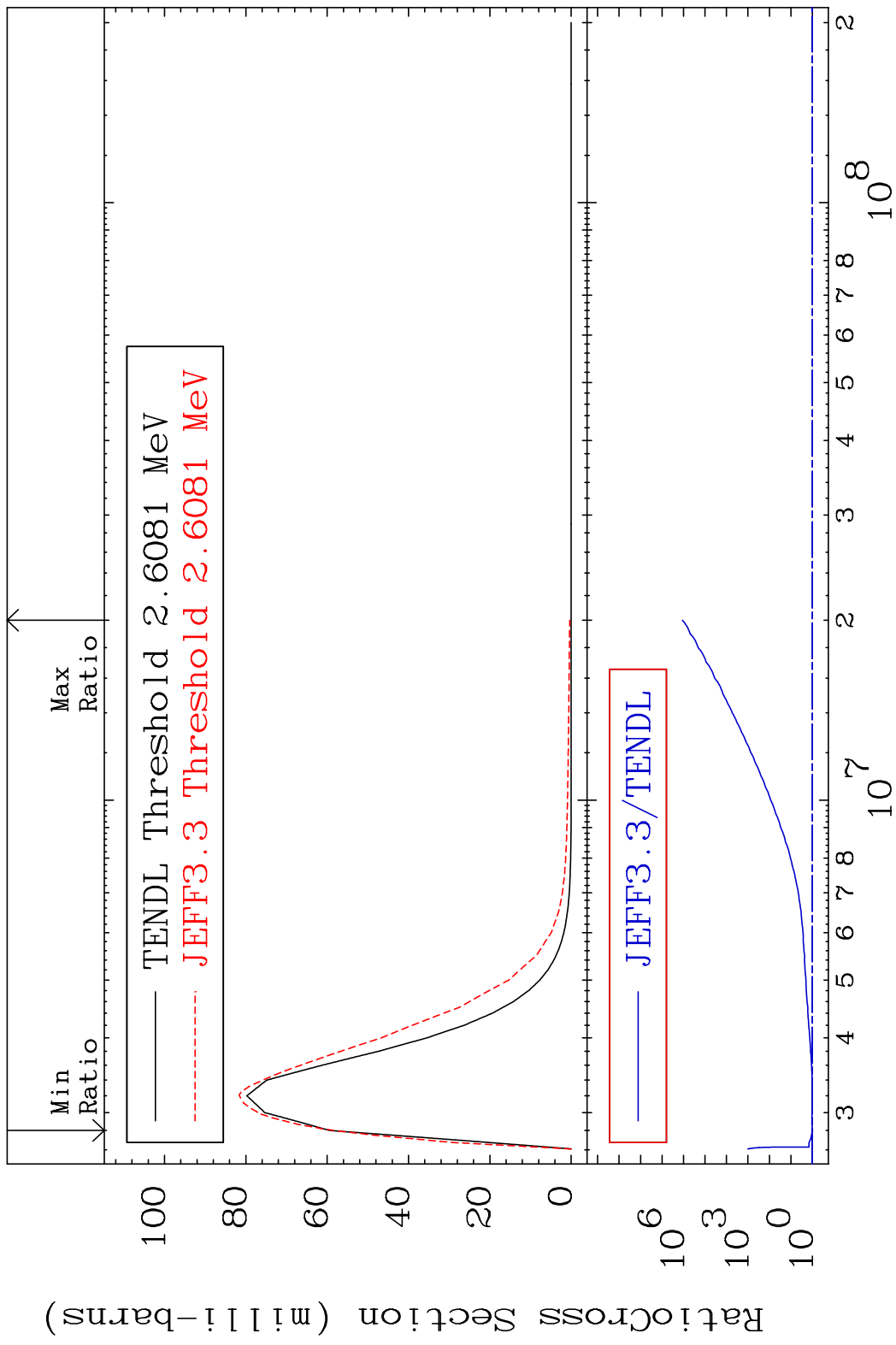
50-Sn-116

MAT 5037 MT= 60 (n, n') Level 50-Sn-116
 Cross Section -10.45 To 9999. %



17 Incident Energy (eV) 50-Sn-116

MAT 5037 MT= 61 (n,n') Level 50-Sn-116
 Cross Section -2.192 To 9999. %

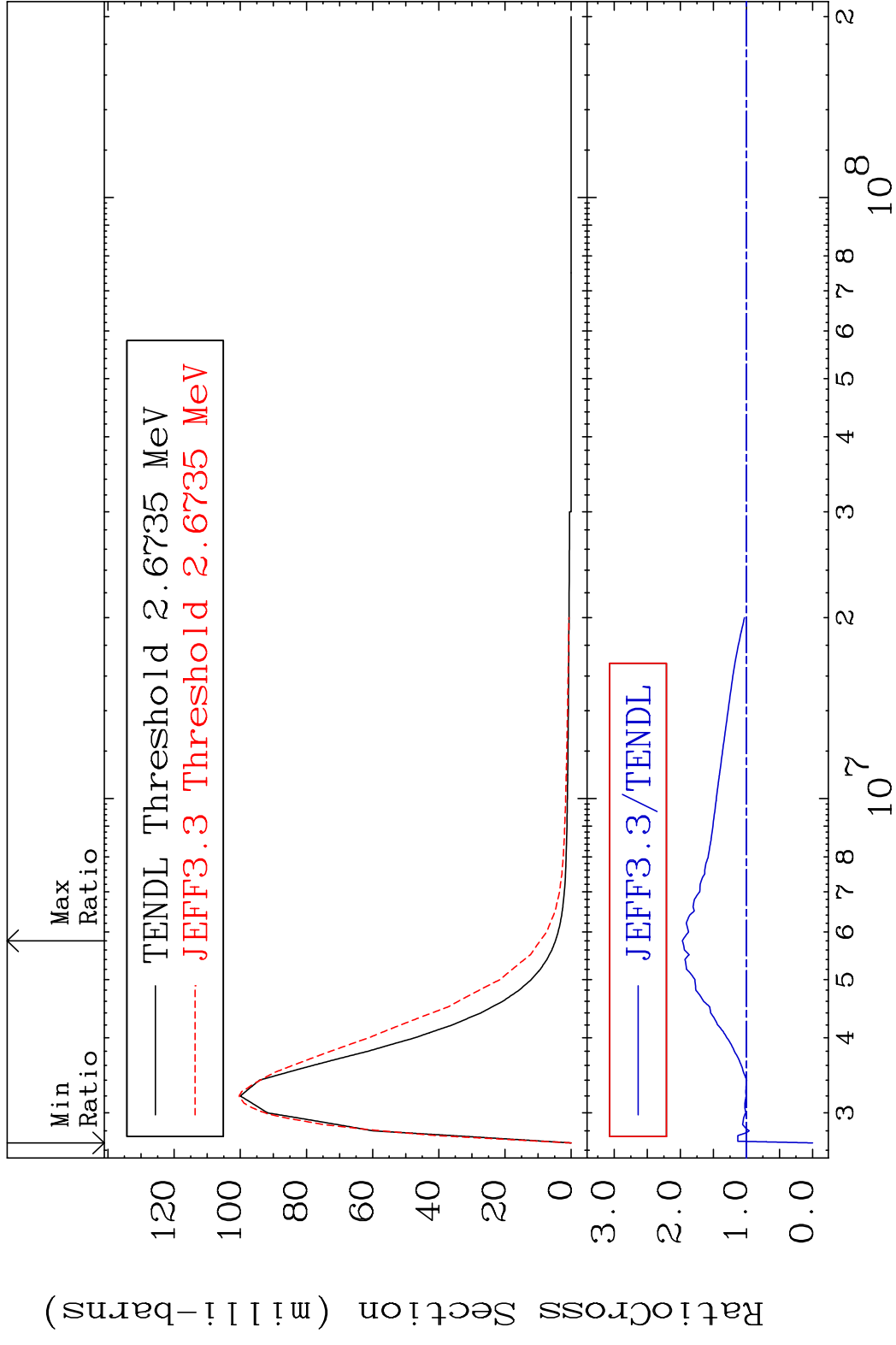


MAT 5037

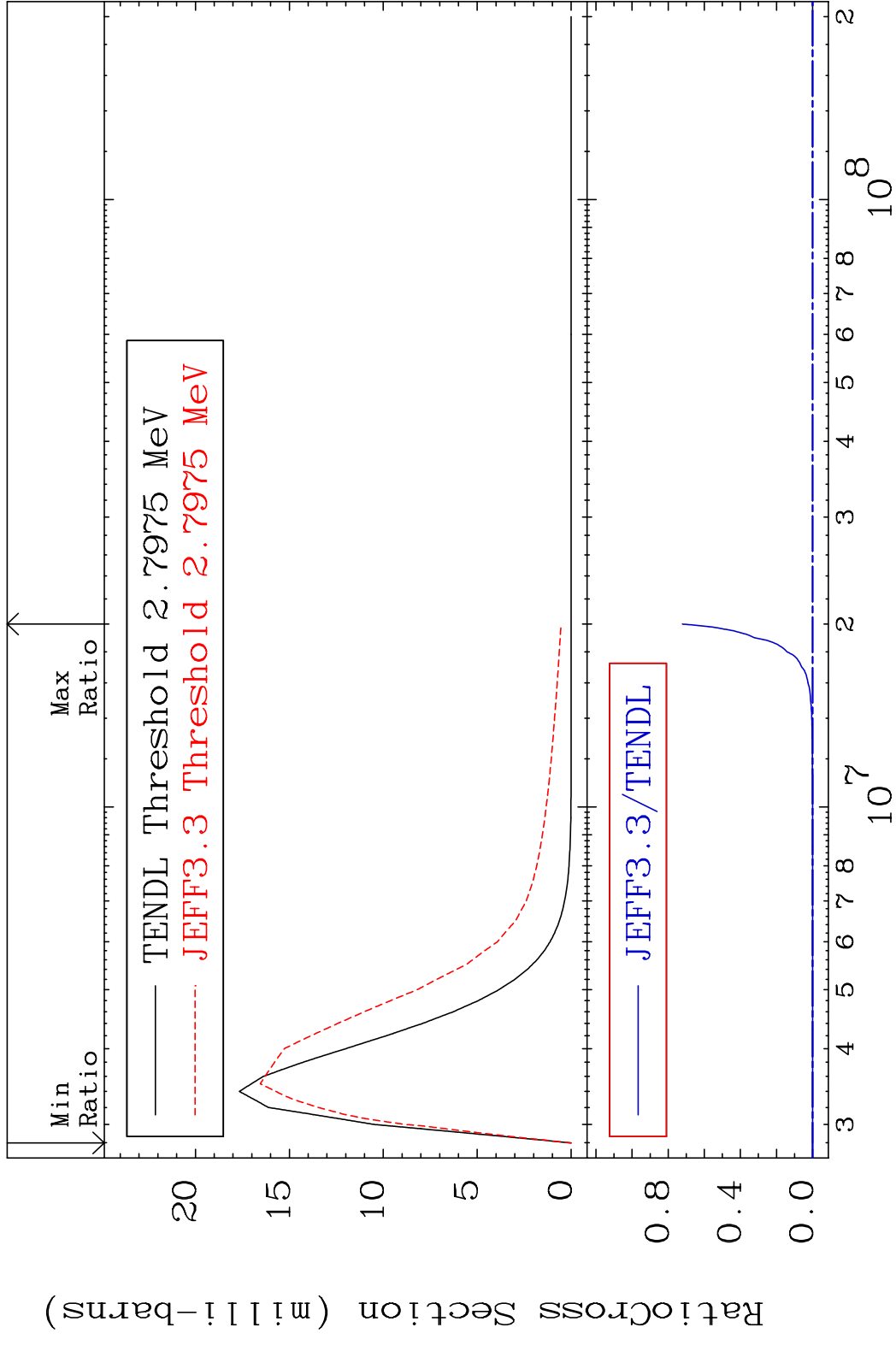
MT= 62 (n, n') Level

50-Sn-116

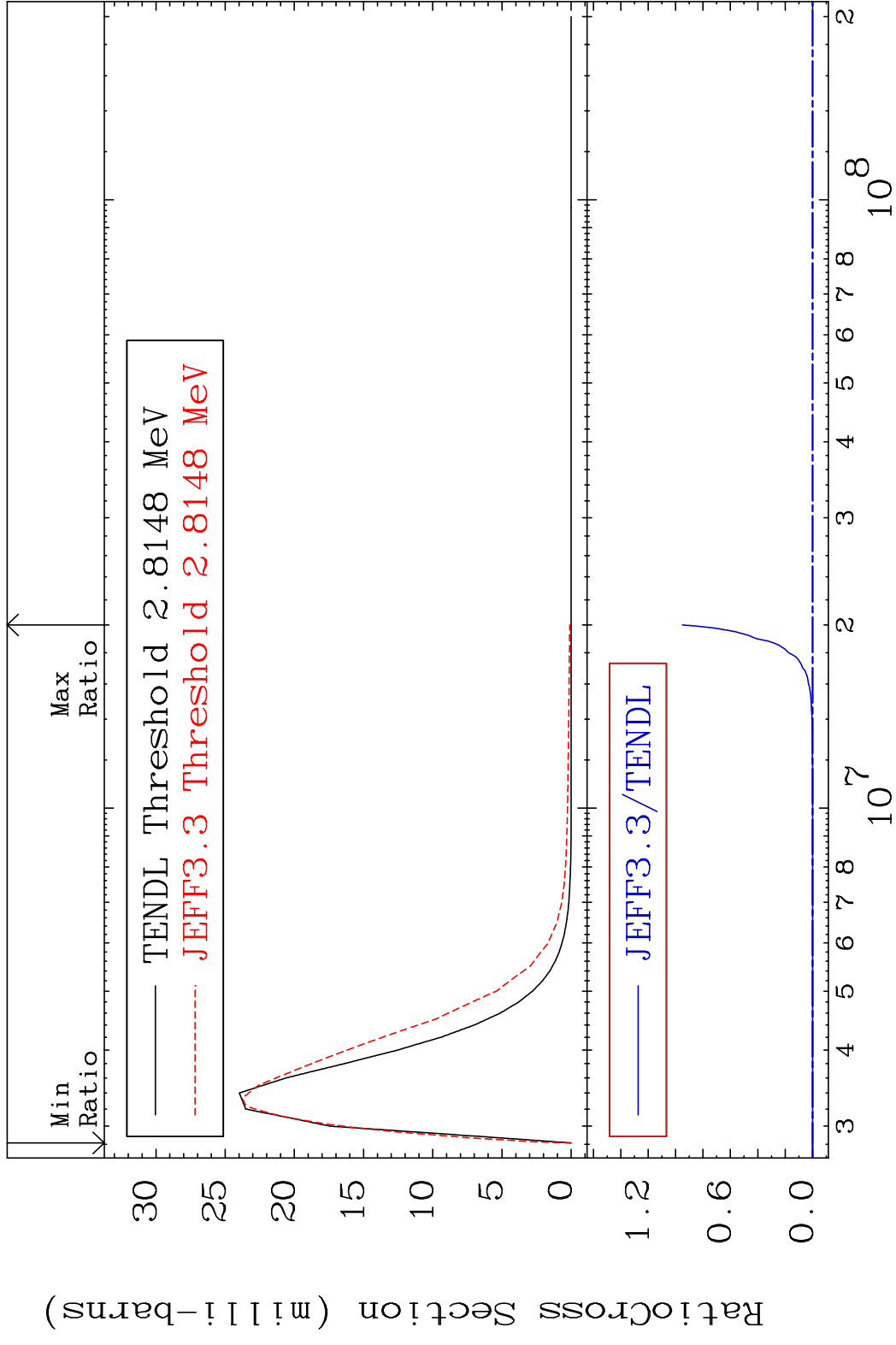
Cross Section -100.0 To 97.03 %



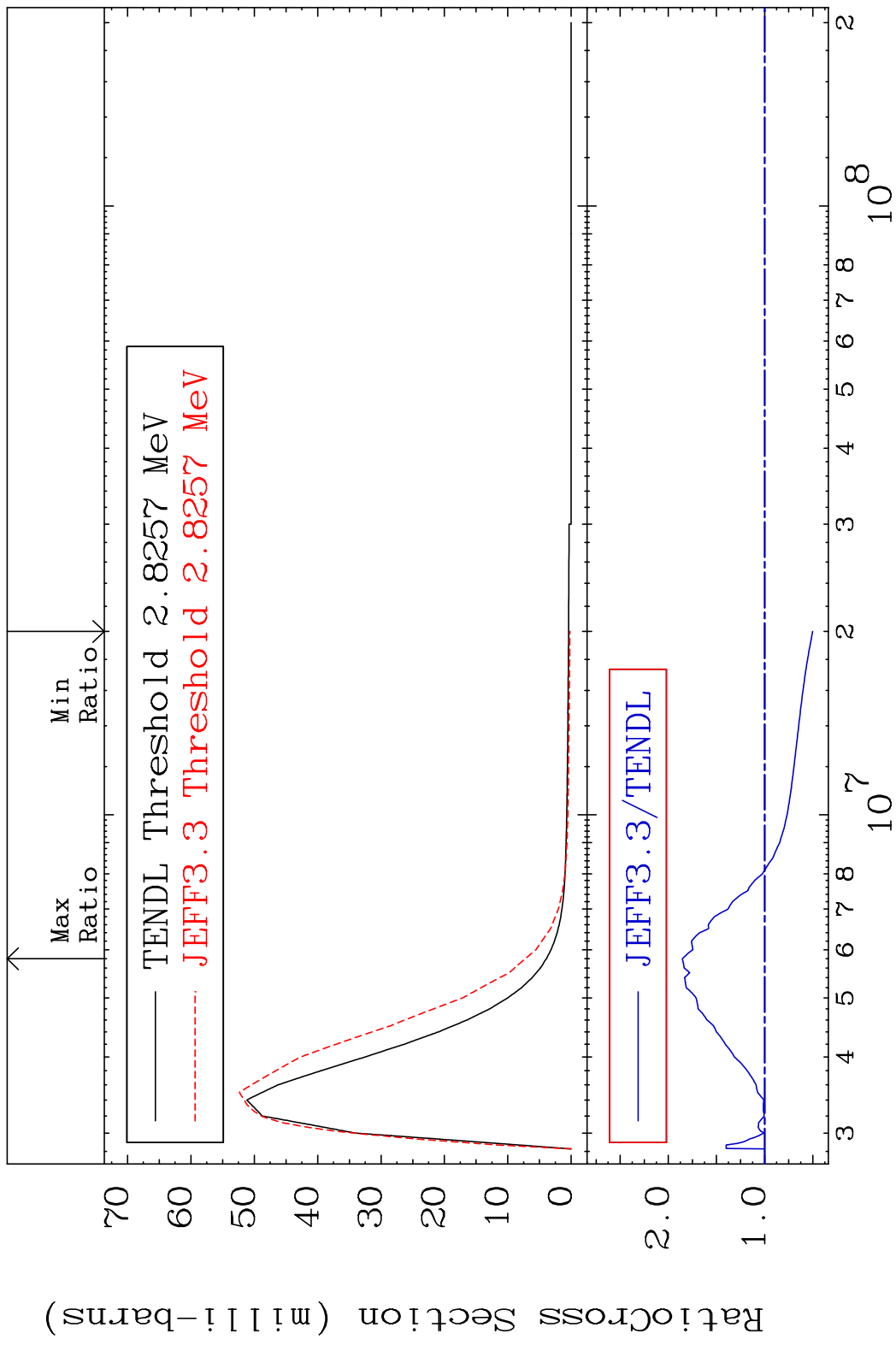
MAT 5037 MT= 63 (n, n') Level 50-Sn-116
 Cross Section -100.0 To 9999. %



MAT 5037 MT= 64 (n,n') Level 50-Sn-116
 Cross Section -100.0 To 9999. %

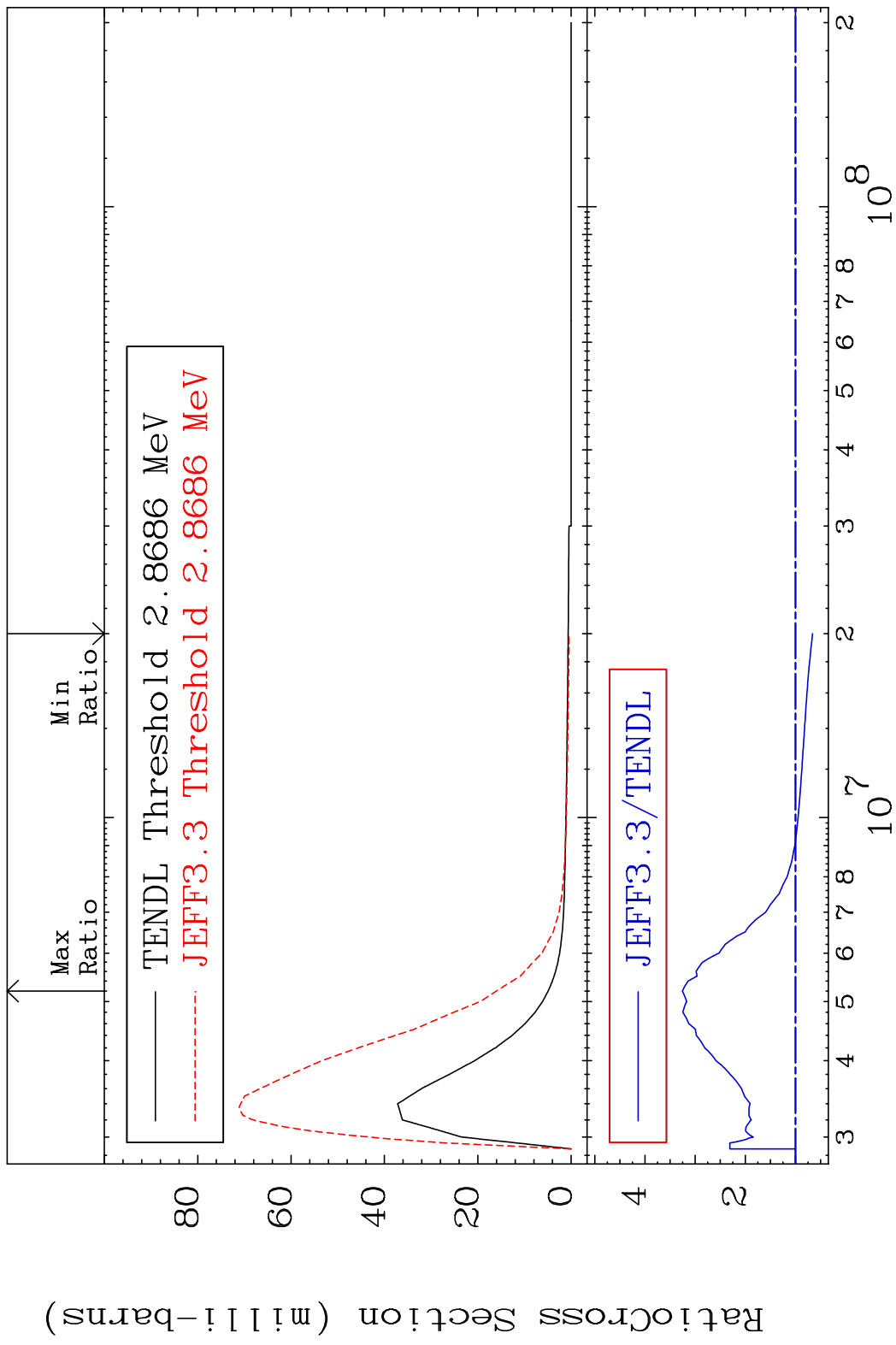


MAT 5037 MT= 65 (n,n') Level 50-Sn-116
 Cross Section -49.77 To 85.42 %

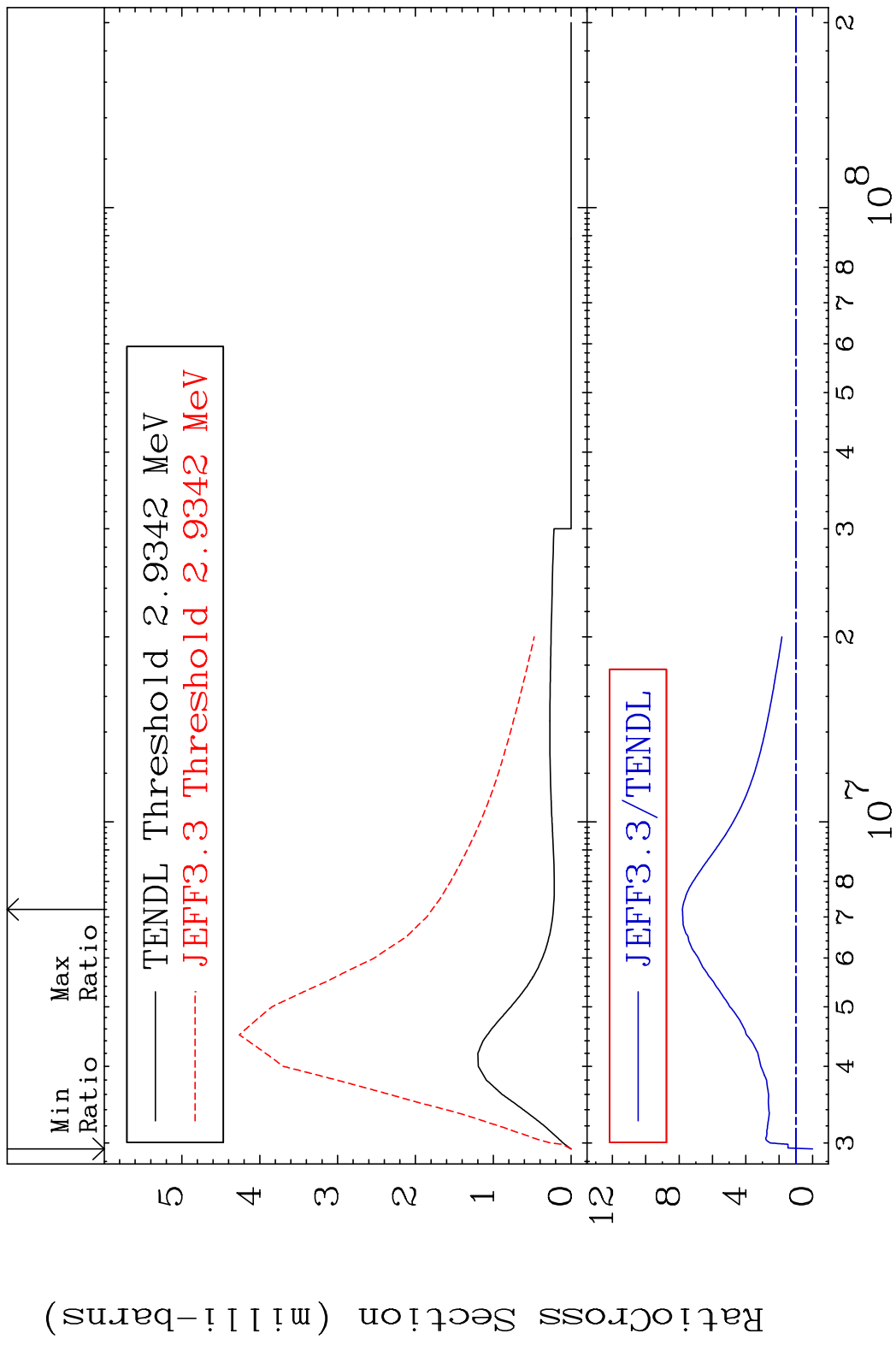


22 Incident Energy (eV) 50-Sn-116

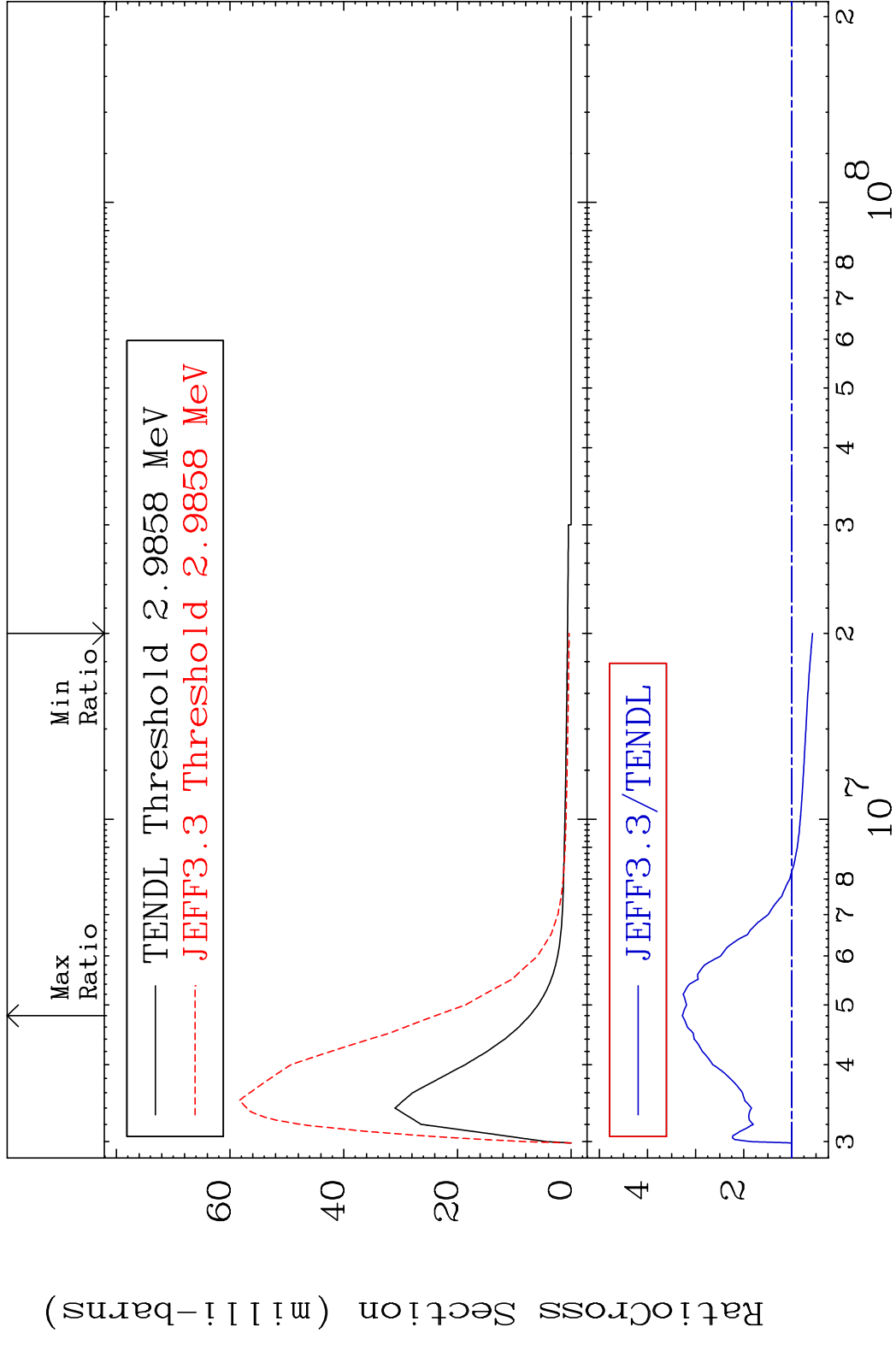
MAT 5037 MT= 66 (n,n') Level 50-Sn-116
 Cross Section -33.95 To 225.6 %



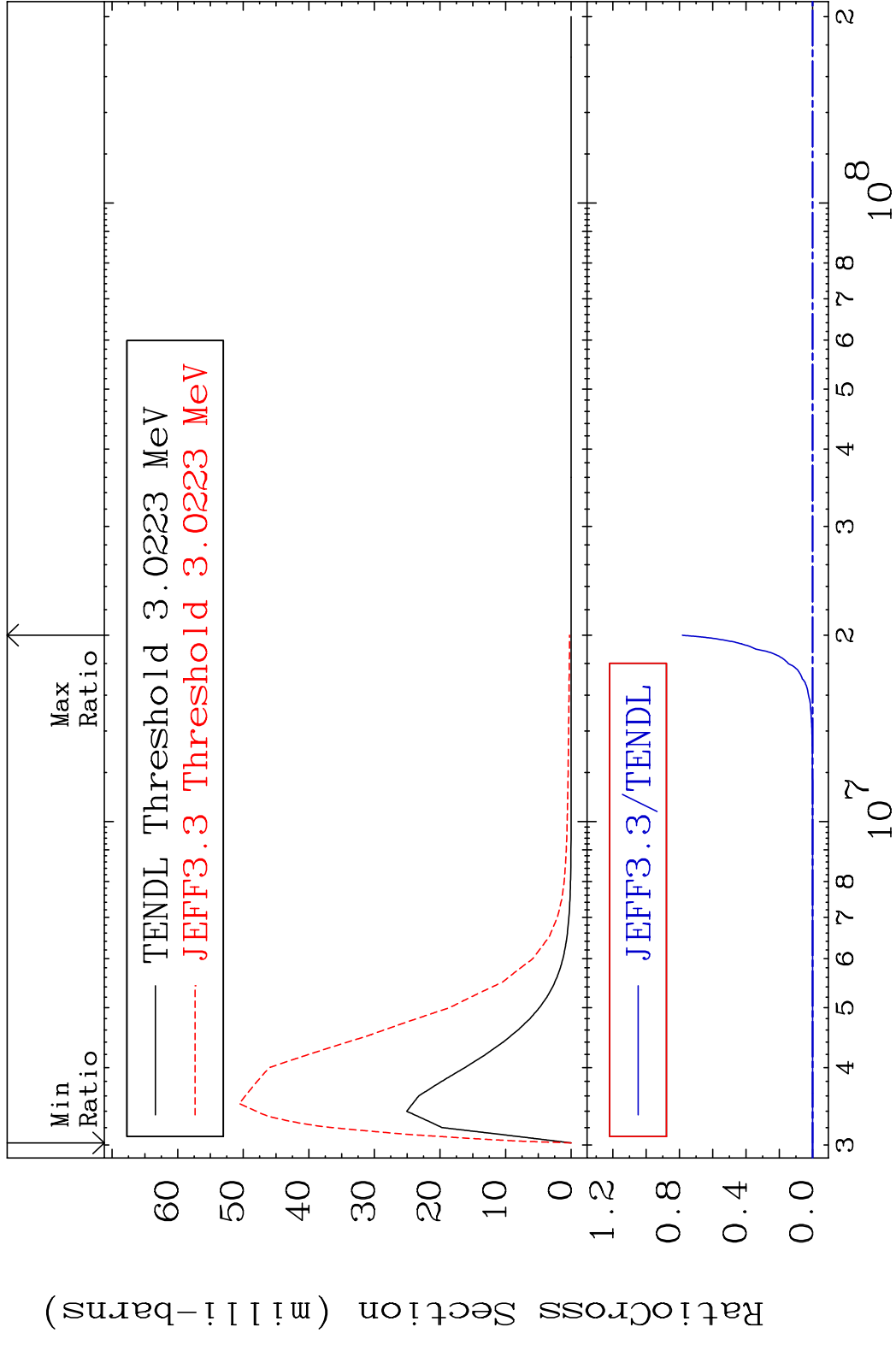
MAT 5037 MT= 67 (n, n') Level 50-Sn-116
 Cross Section -100.0 To 680.5 %



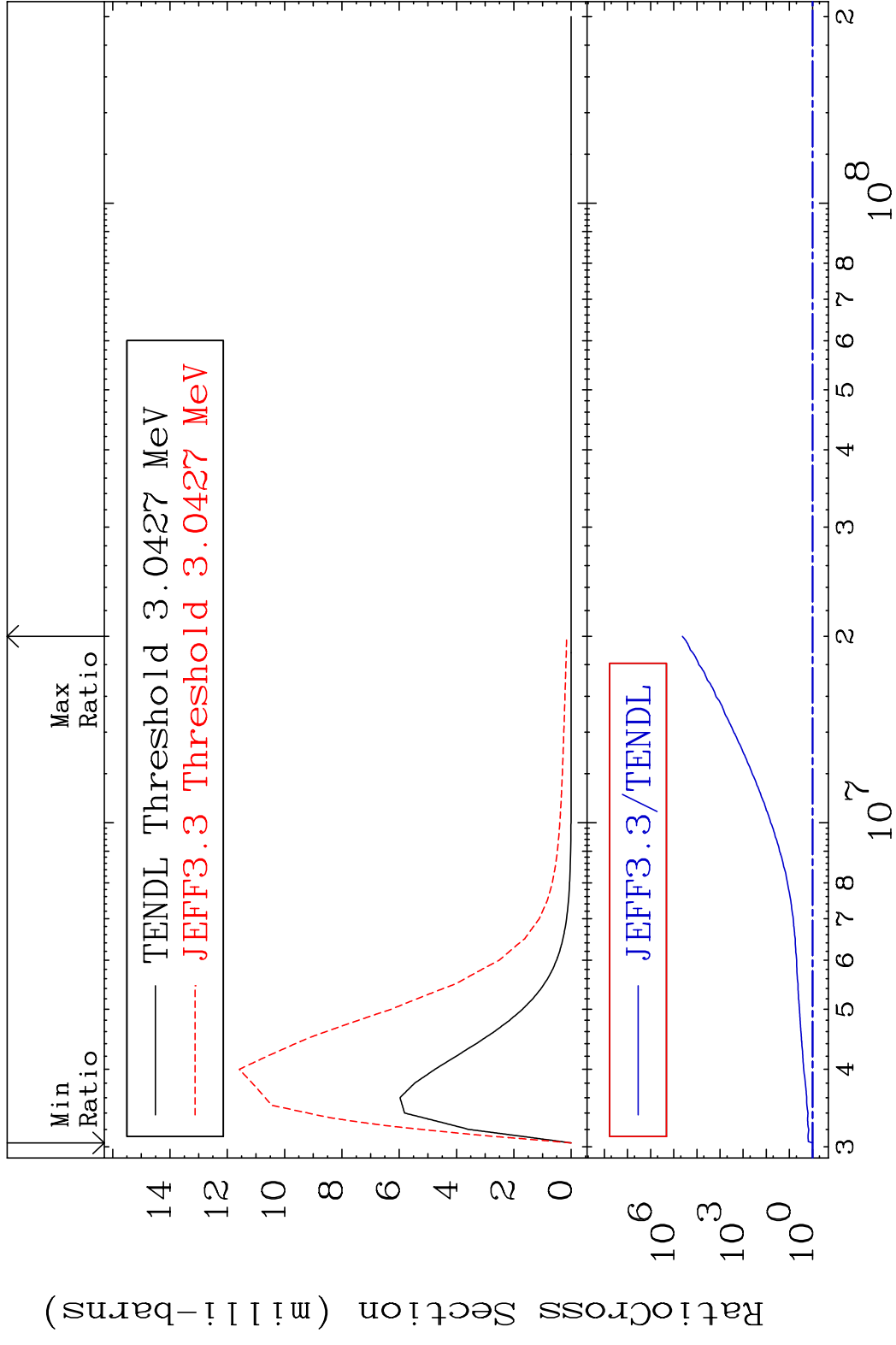
MAT 5037 MT= 68 (n, n') Level 50-Sn-116
 Cross Section -42.88 To 227.6 %



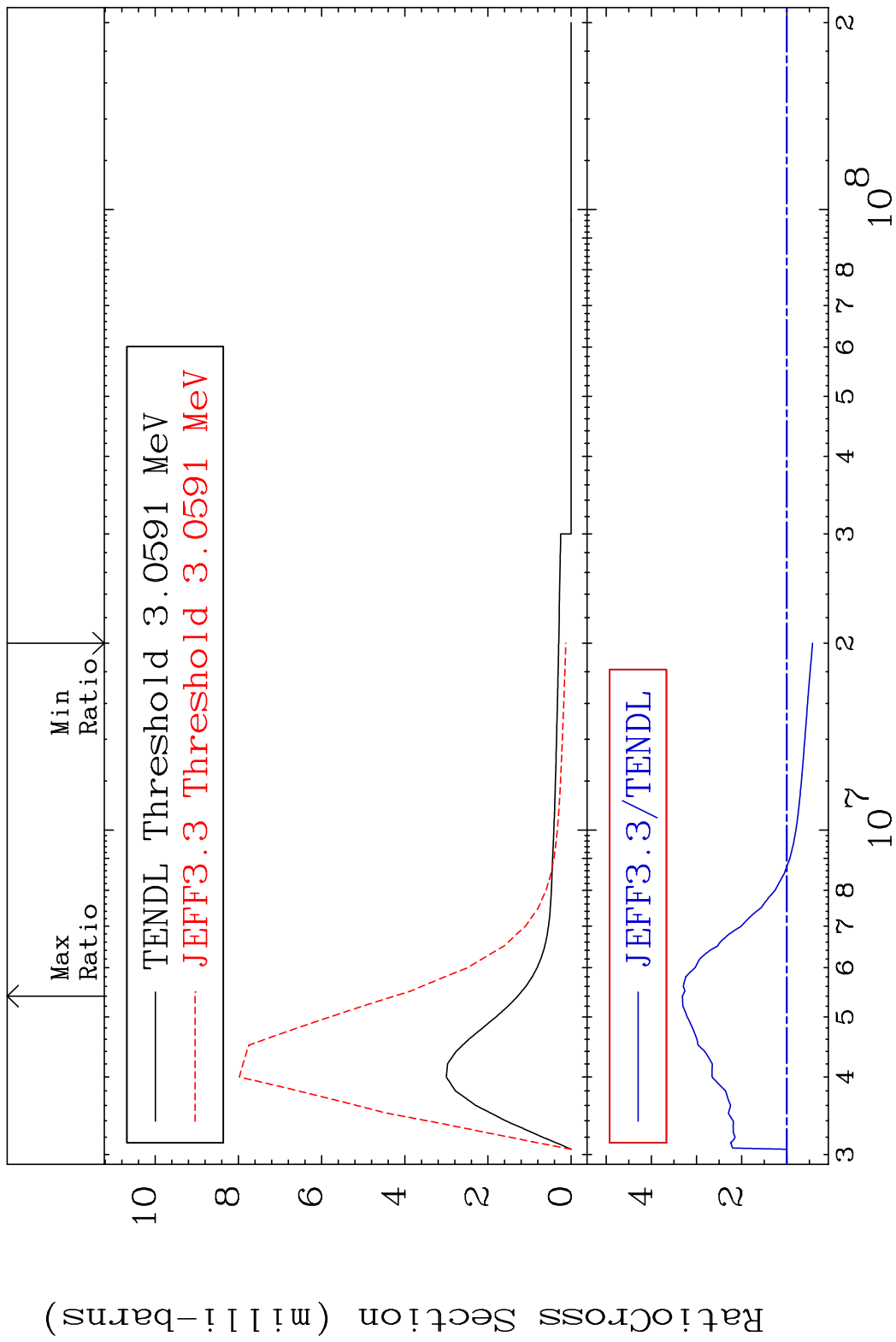
MAT 5037 MT= 69 (n, n') Level 50-Sn-116
 Cross Section -100.0 To 9999. %



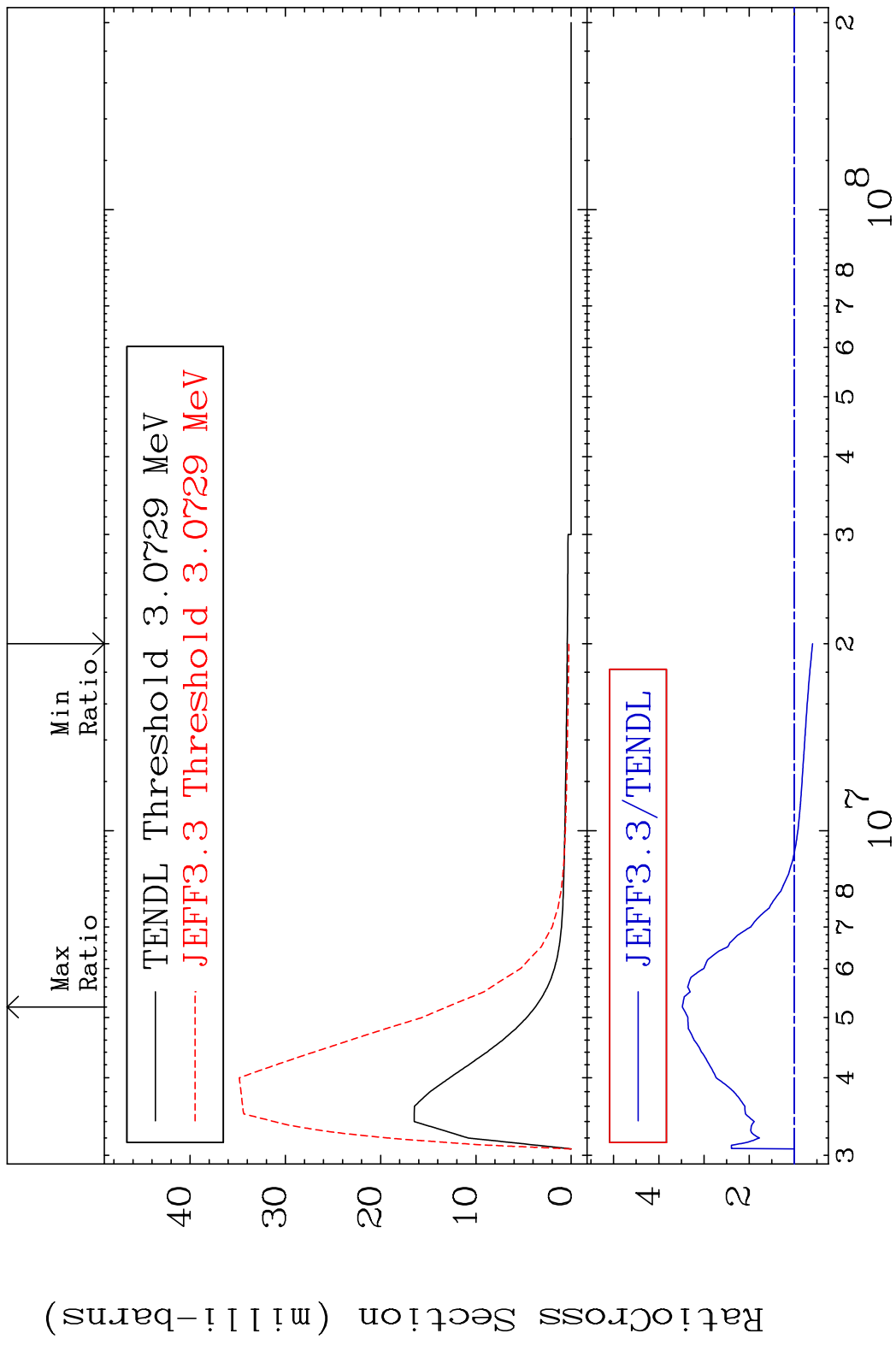
MAT 5037 MT= 70 (n,n') Level 50-Sn-116
 Cross Section 0.000 To 9999. %



MAT 5037 MT= 71 (n, n') Level 50-Sn-116
 Cross Section -56.90 To 231.6 %



MAT 5037 MT= 72 (n,n') Level 50-Sn-116
 Cross Section -40.33 To 247.9 %

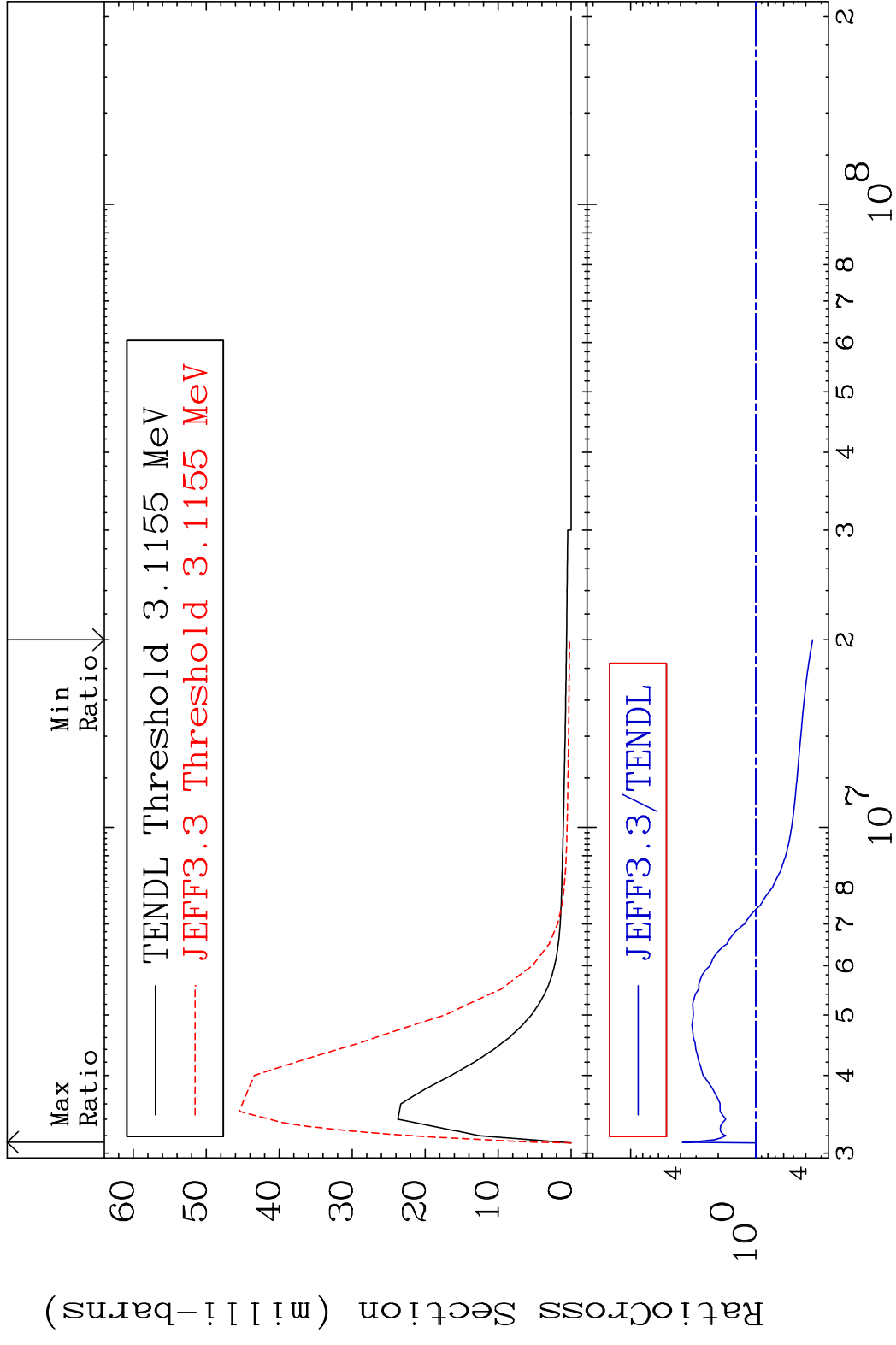


MAT 5037

MT= 73 (n, n') Level

50-Sn-116

Cross Section -64.76 To 286.5 %

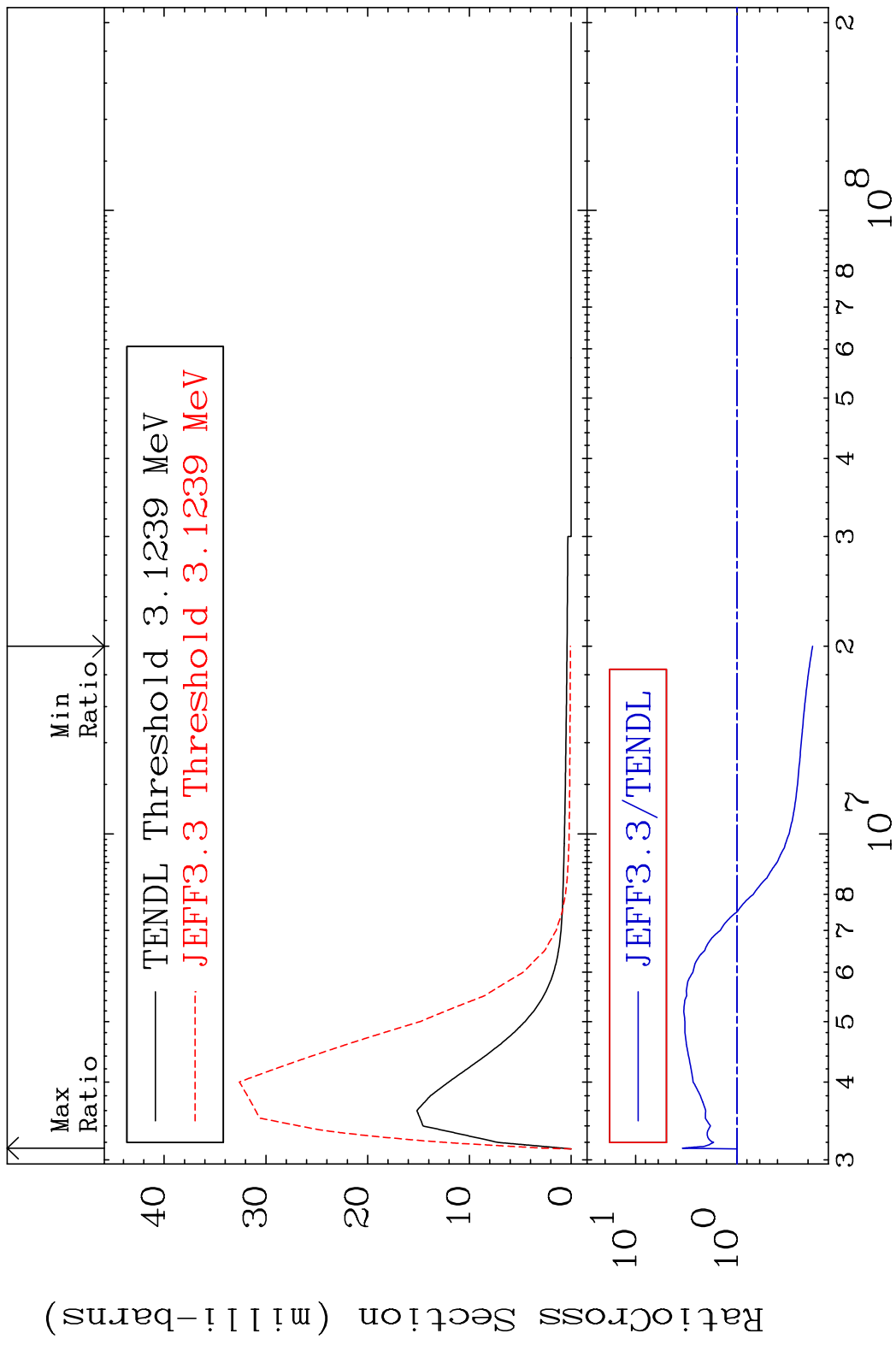


30

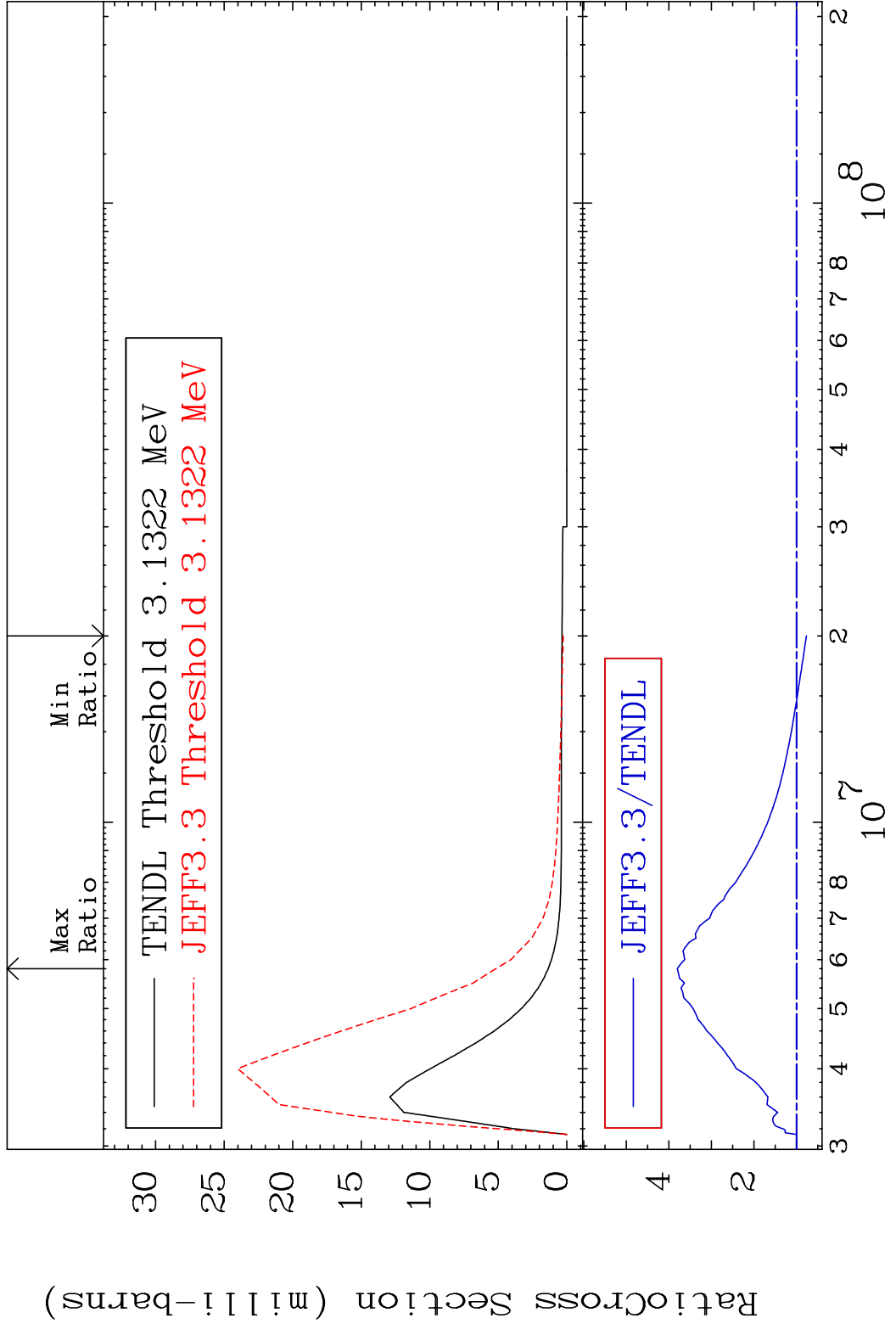
Incident Energy (eV)

50-Sn-116

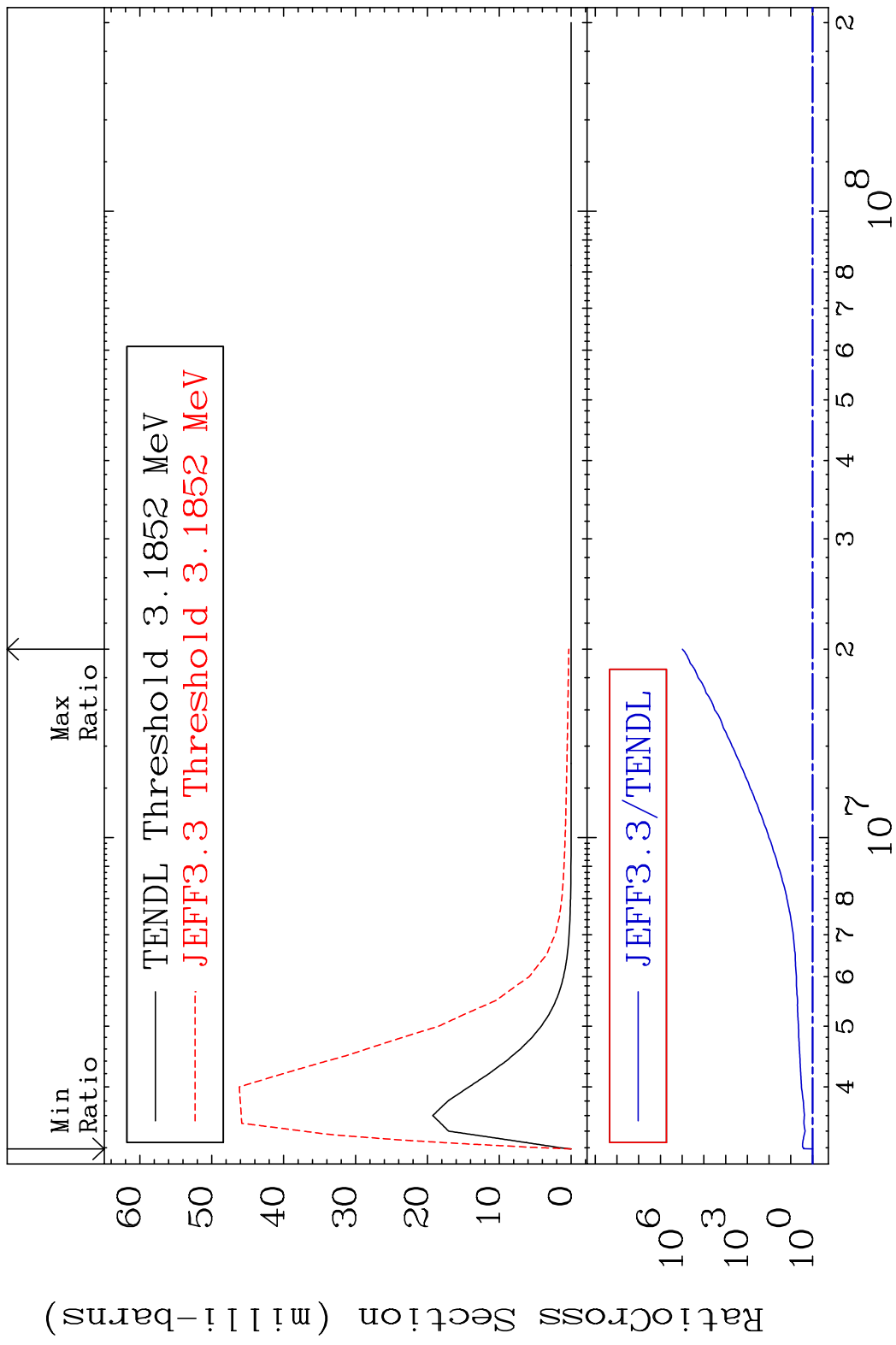
MAT 5037 MT= 74 (n, n') Level 50-Sn-116
 Cross Section -81.92 To 246.6 %



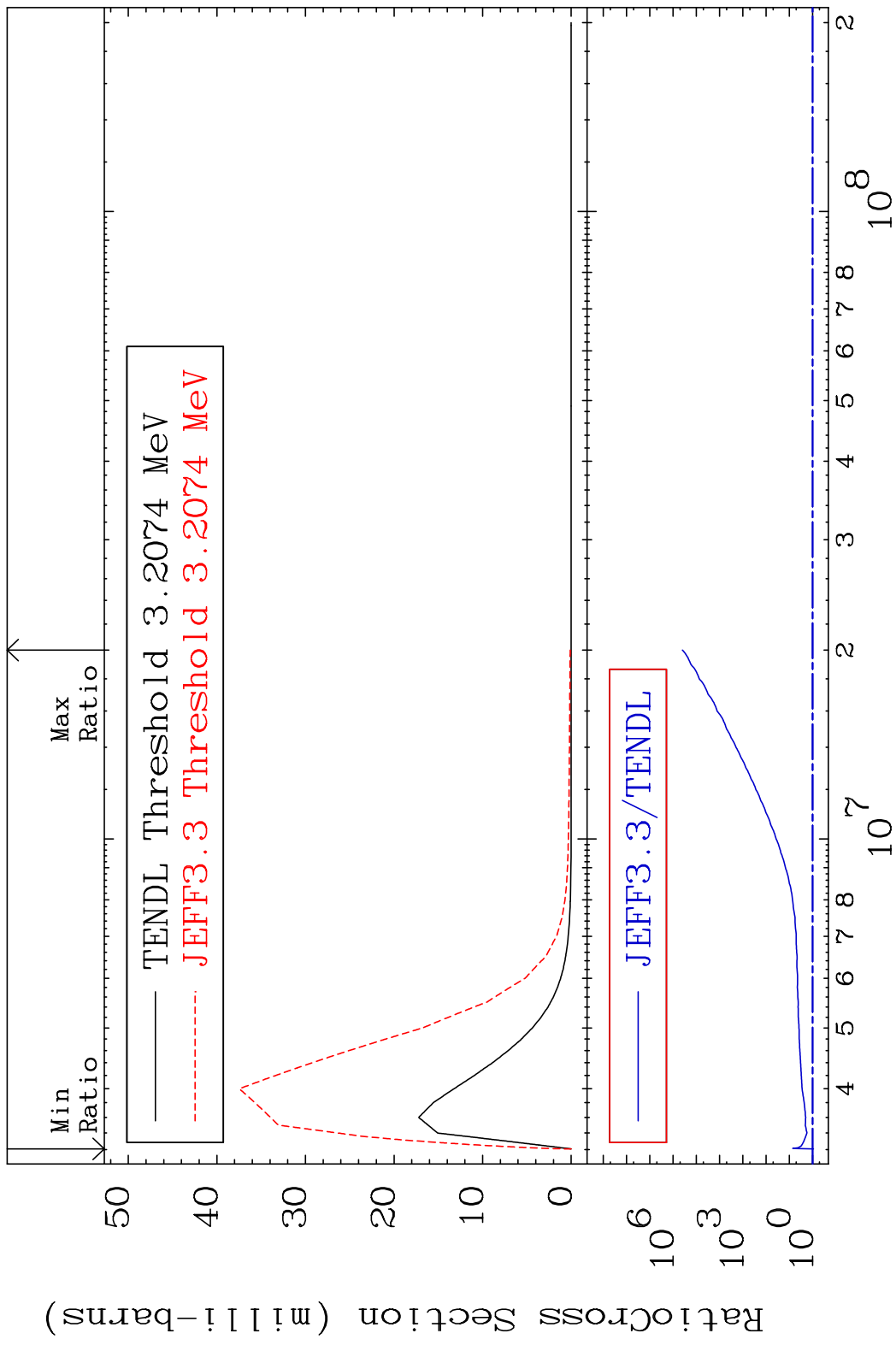
MAT 5037 MT= 75 (n,n') Level 50-Sn-116
 Cross Section -23.41 To 280.5 %



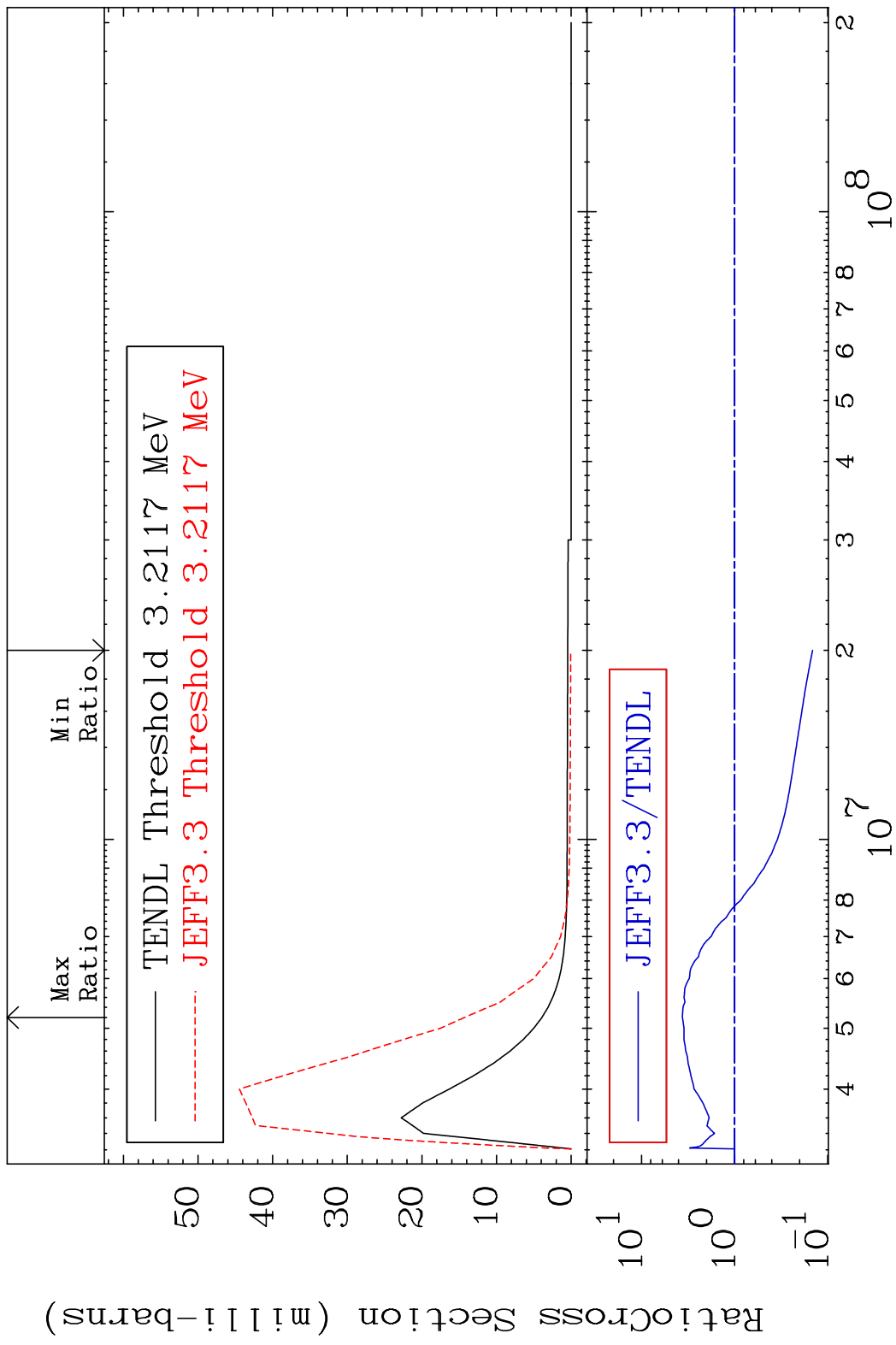
MAT 5037 MT= 76 (n,n') Level 50-Sn-116
 Cross Section 0.000 To 9999. %



MAT 5037 MT= 77 (n,n') Level 50-Sn-116
 Cross Section 0.000 To 9999. %



MAT 5037 MT= 78 (n,n') Level 50-Sn-116
 Cross Section -85.45 To 264.5 %

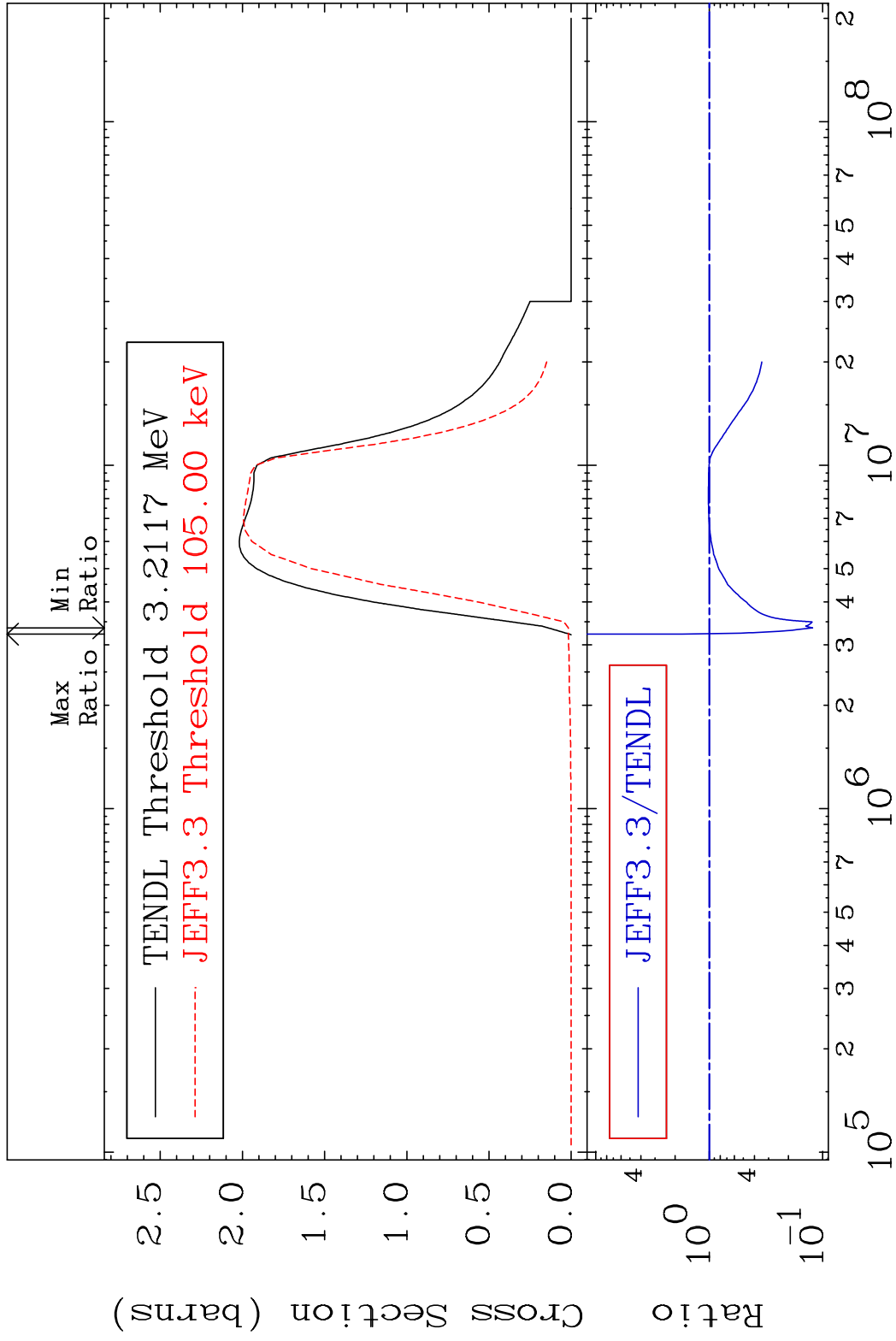


MAT 5037

(n, n') Continuum

50-Sn-116

Cross Section -87.73 To 72.54 %



36

Incident Energy (eV)

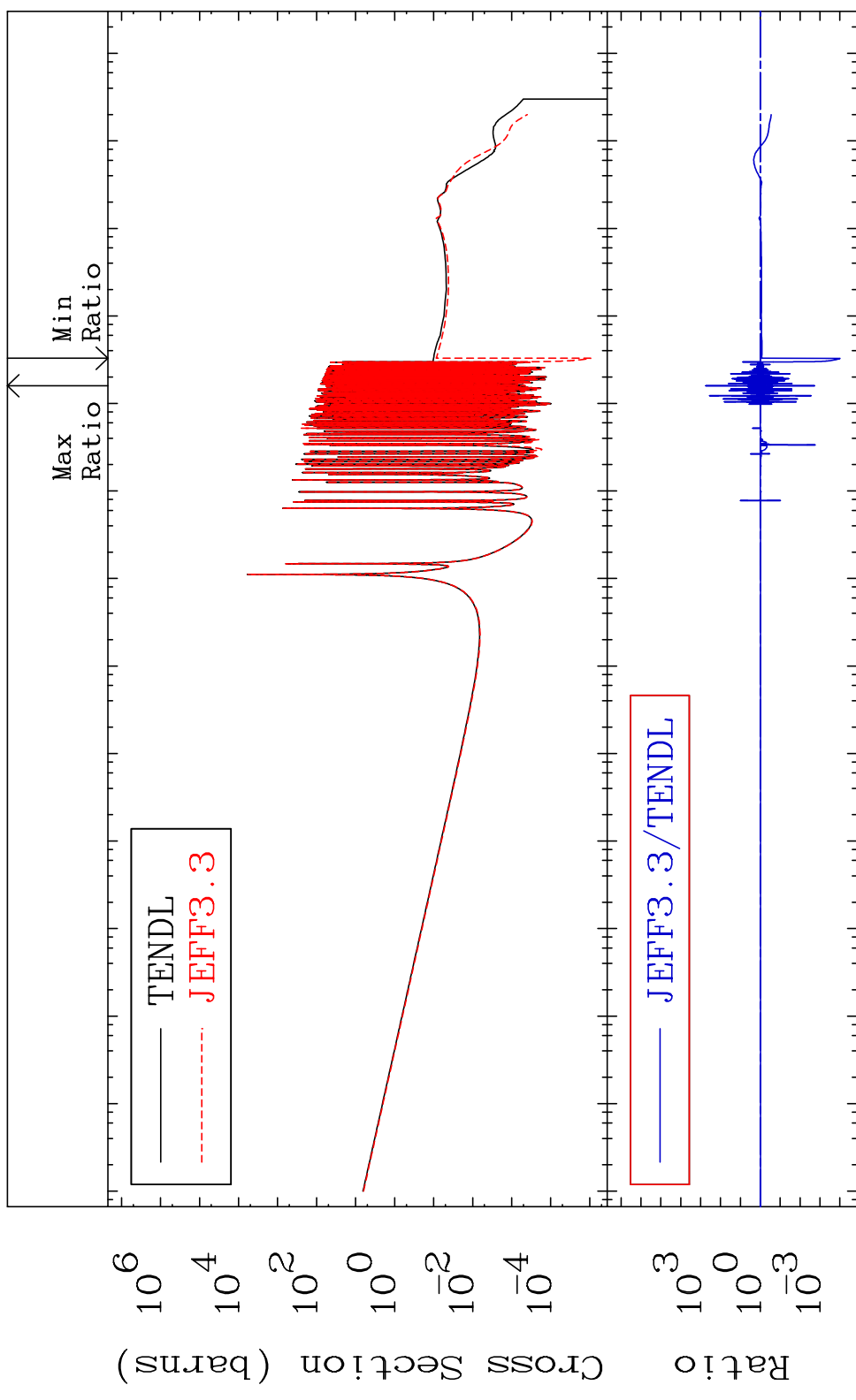
50-Sn-116

MAT 5037

(n, γ)

50-Sn-116

Cross Section -99.99 To 9999. %



37

Incident Energy (eV)

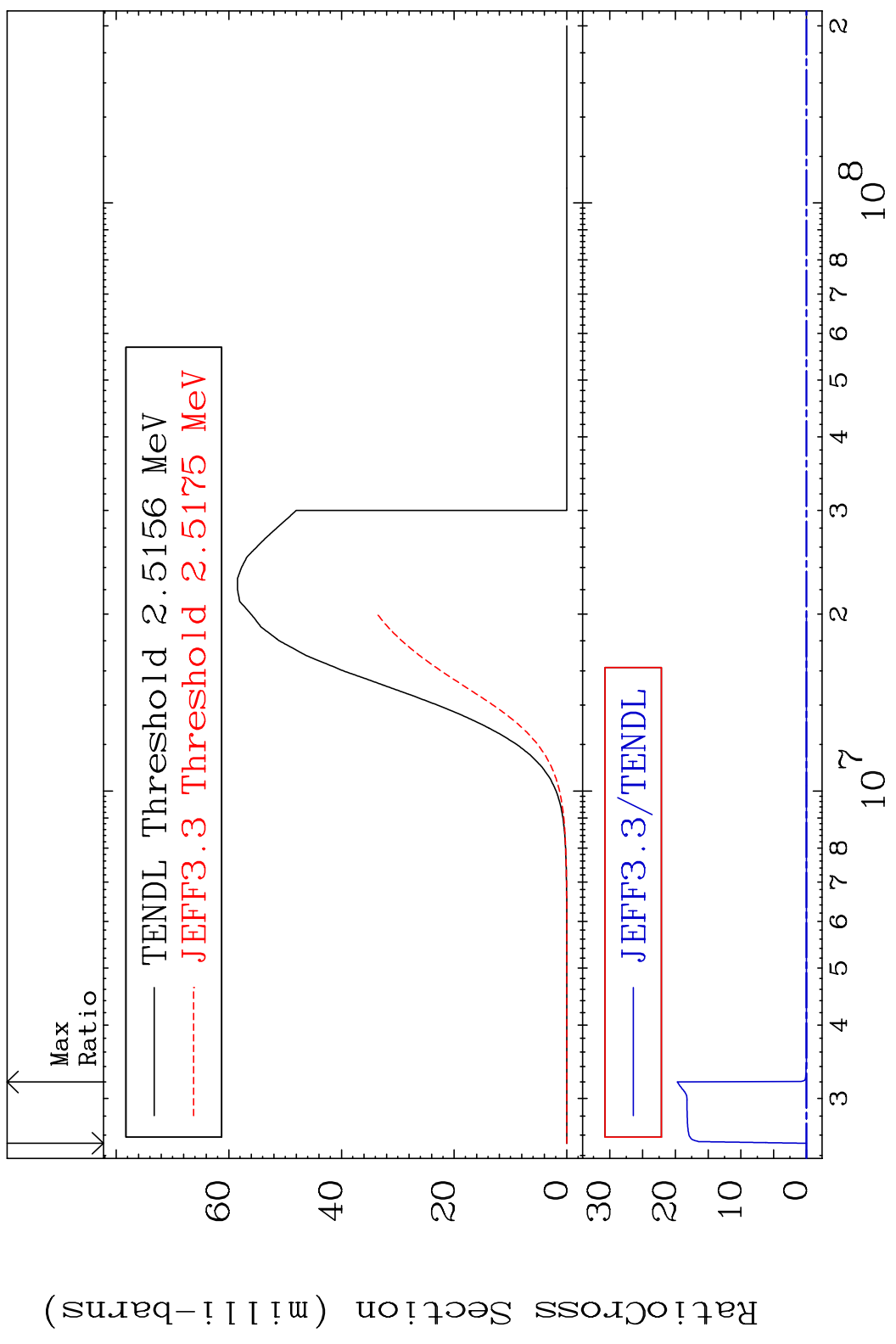
50-Sn-116

MAT 5037

(n,p)

50-Sn-116

Cross Section -100.0 To 9999. %

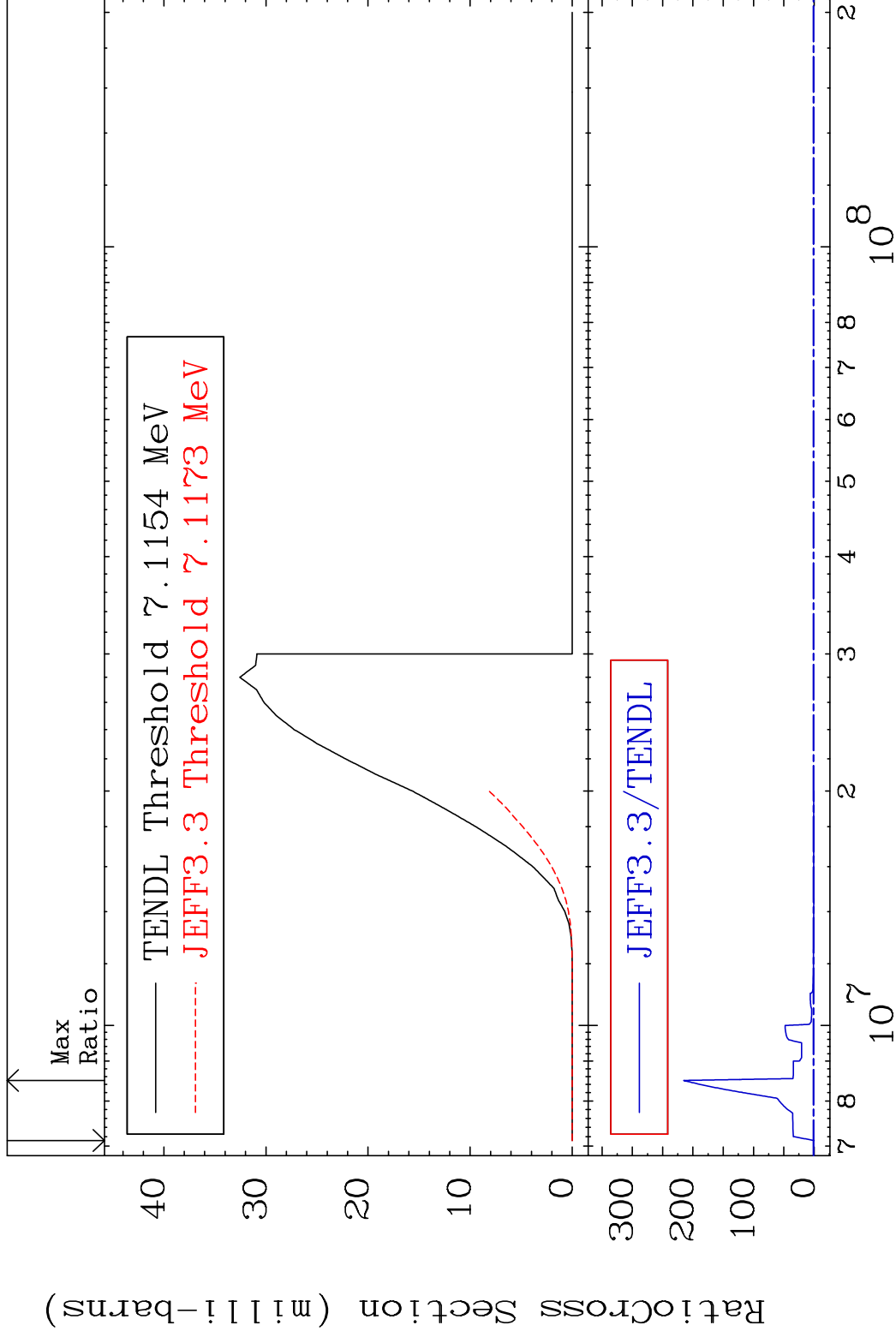


MAT 5037

(n,d)

50-Sn-116

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

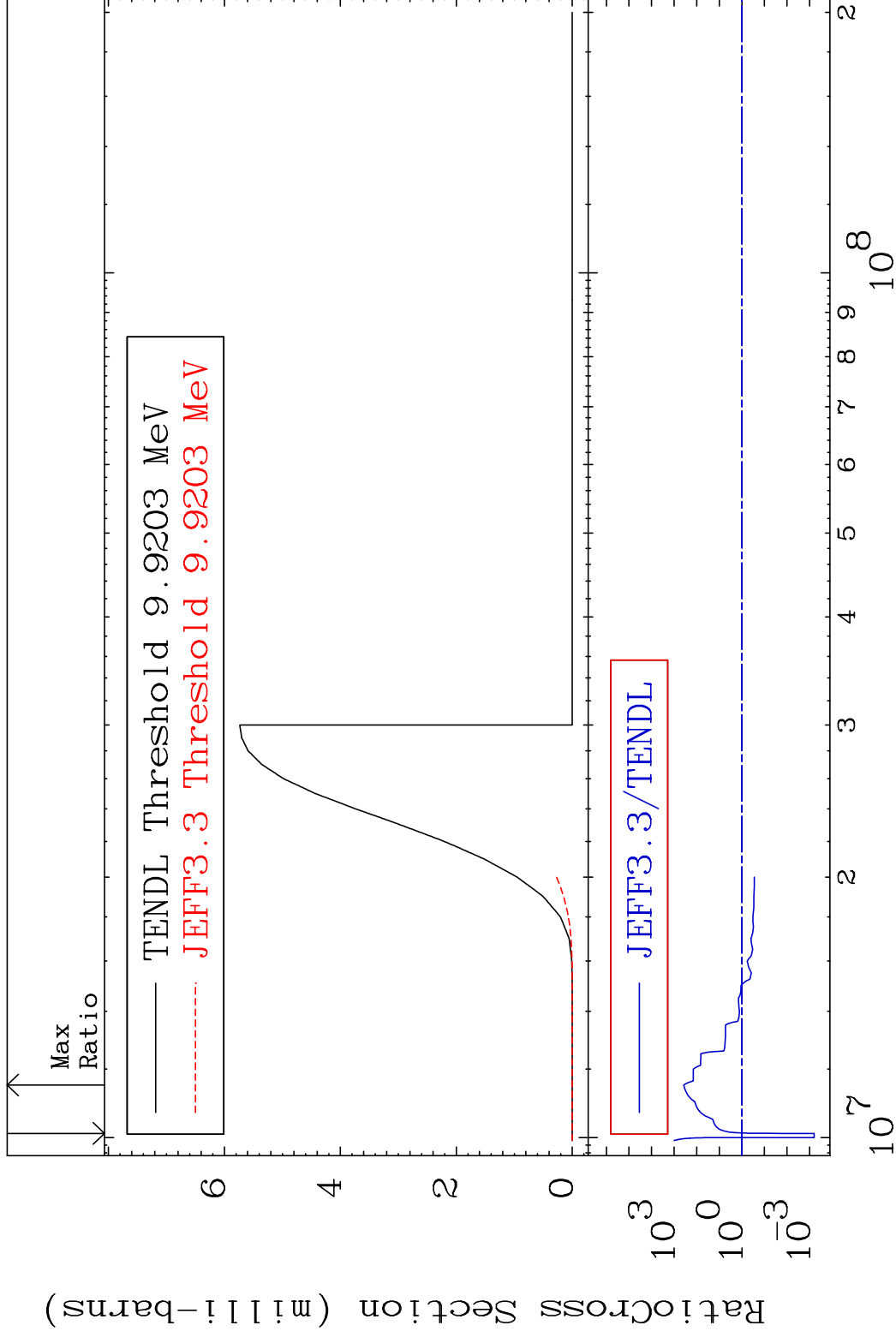
50-Sn-116

MAT 5037

(n, t)

50-Sn-116

Cross Section -99.94 To 9999. %



40

Incident Energy (eV)

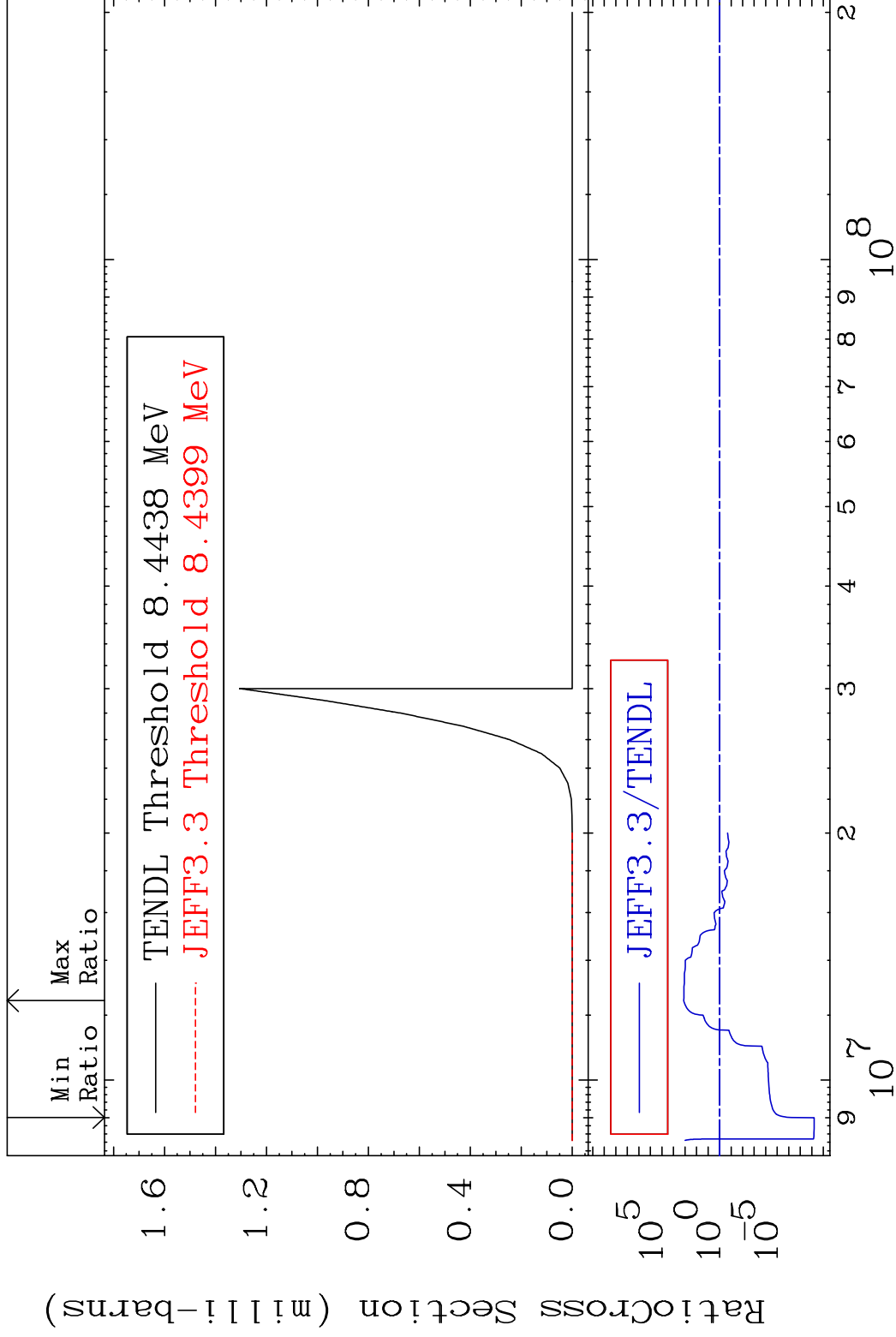
50-Sn-116

MAT 5037

(n, He-3)

50-Sn-116

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

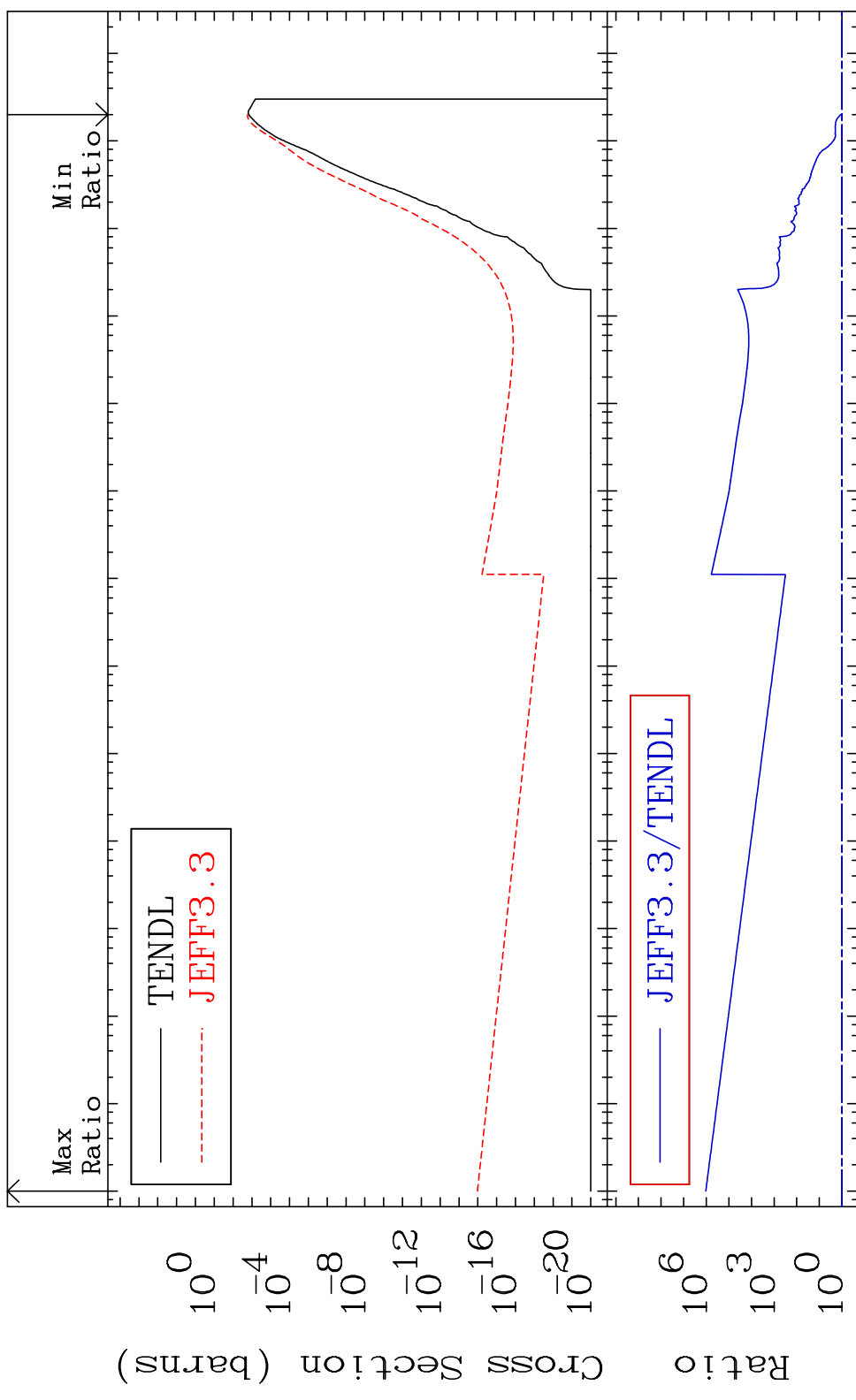
50-Sn-116

MAT 5037

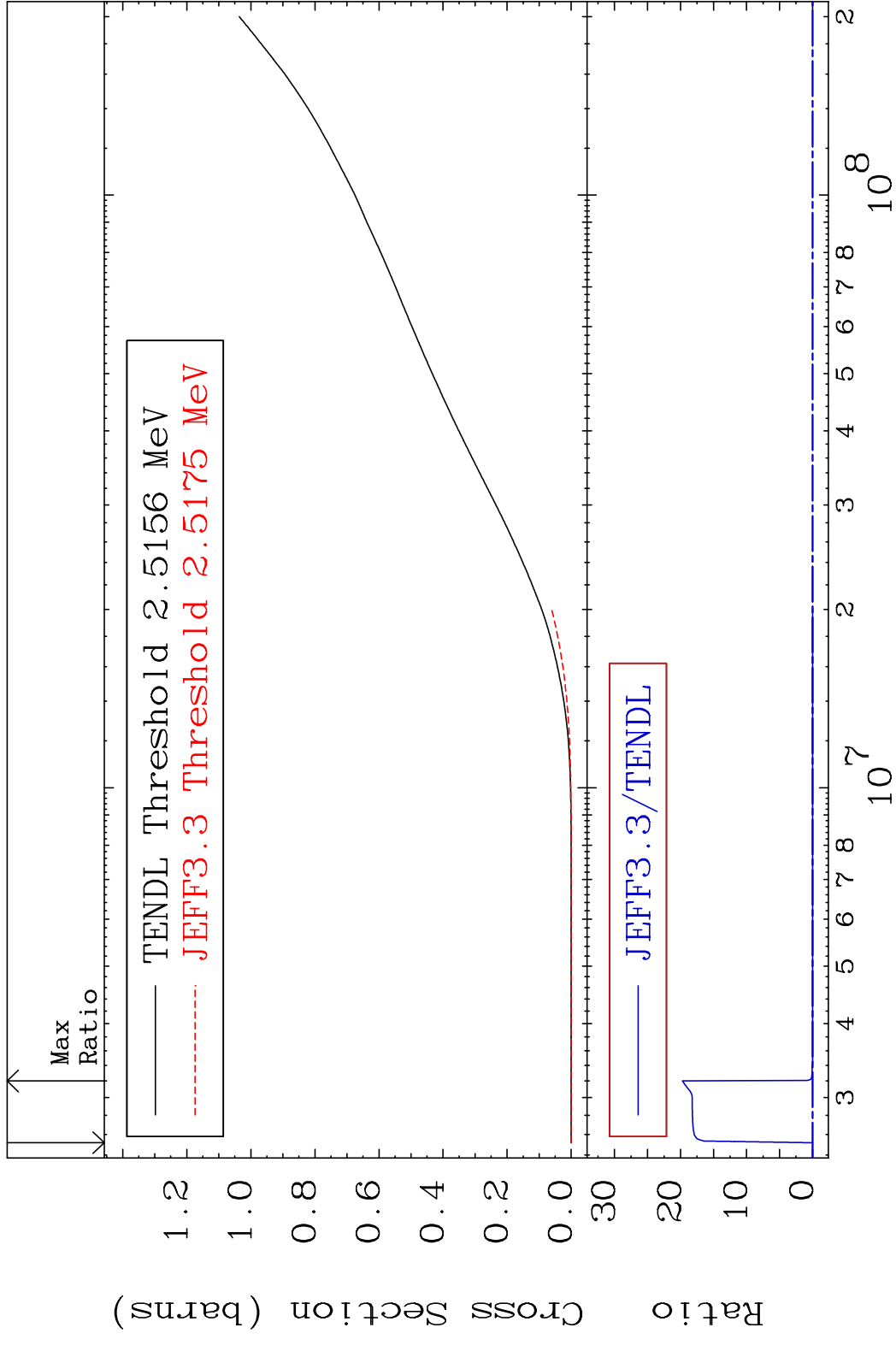
(n, α)

50-Sn-116

Cross Section 16.42 To 9999. %

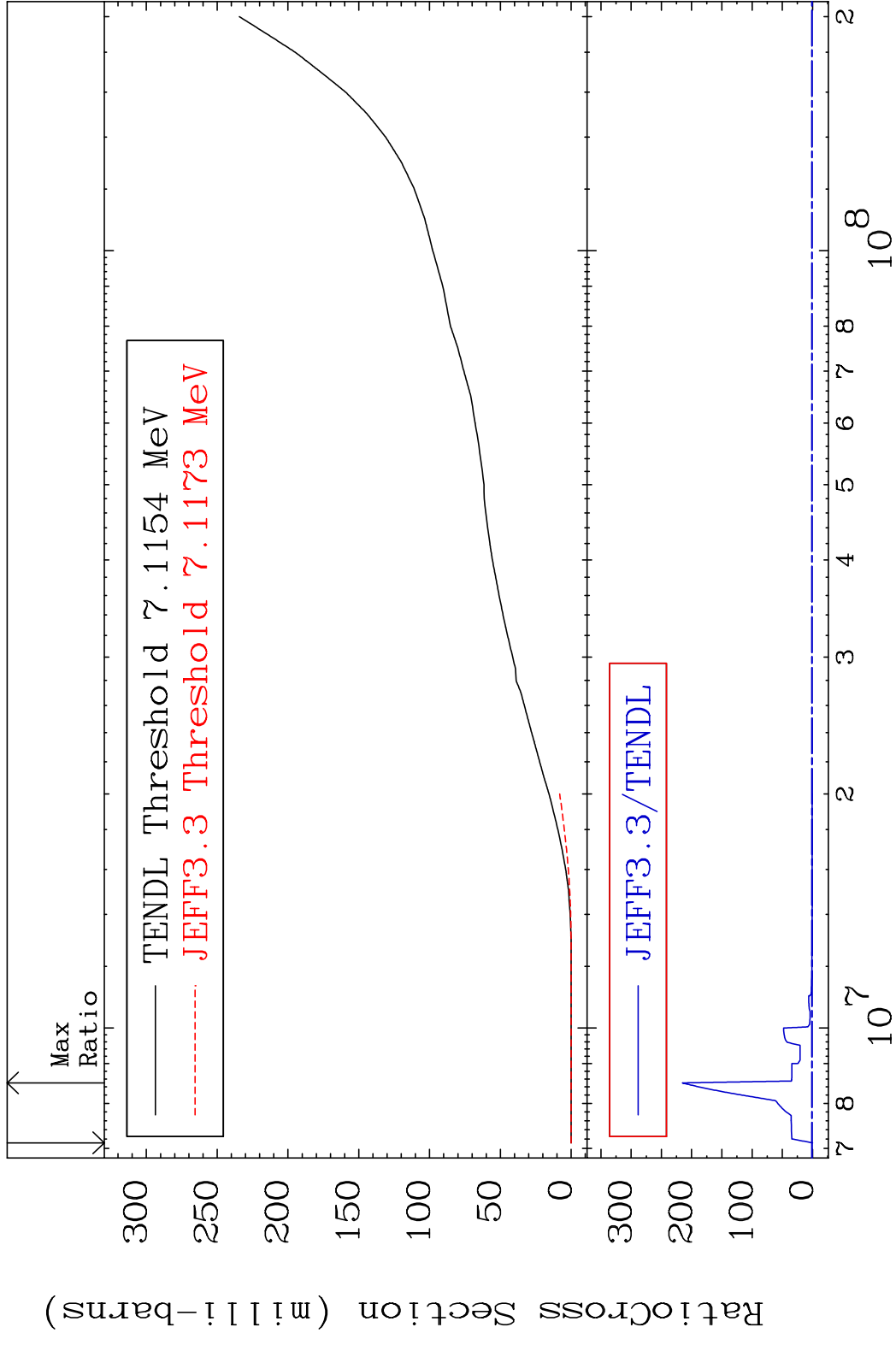


MAT 5037 Hydrogen Production 50-Sn-116
 Cross Section -100.0 To 9999. %



MAT 5037

Deuterium Production 50-Sn-116
Cross Section -100.0 To 9999. %



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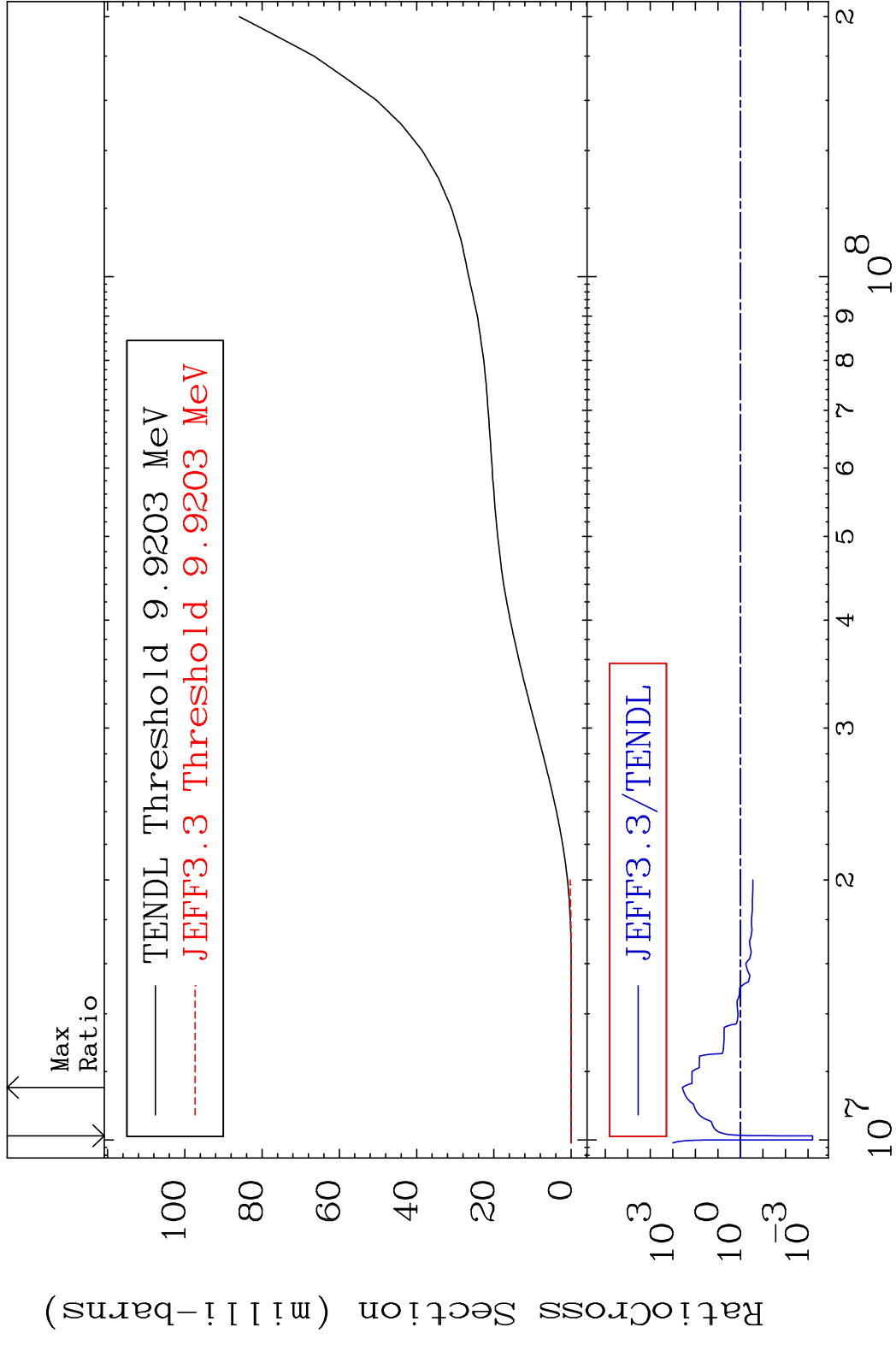
Incident Energy (eV) 50-Sn-116

MAT 5037

Tritium Production

50-Sn-116

Cross Section -99.94 To 9999. %



45

Incident Energy (eV)

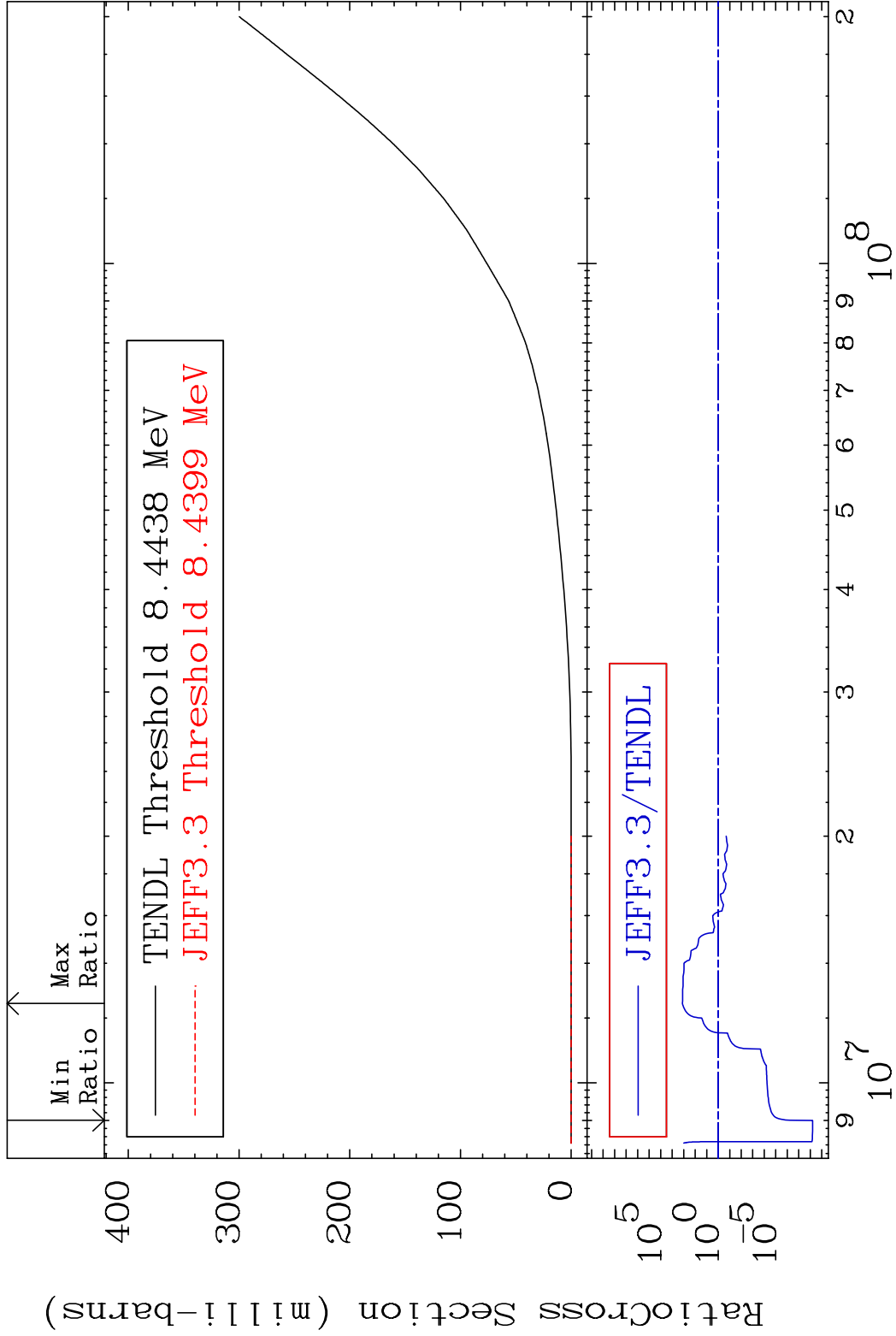
50-Sn-116

MAT 5037

He-3 Production

50-Sn-116

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

50-Sn-116

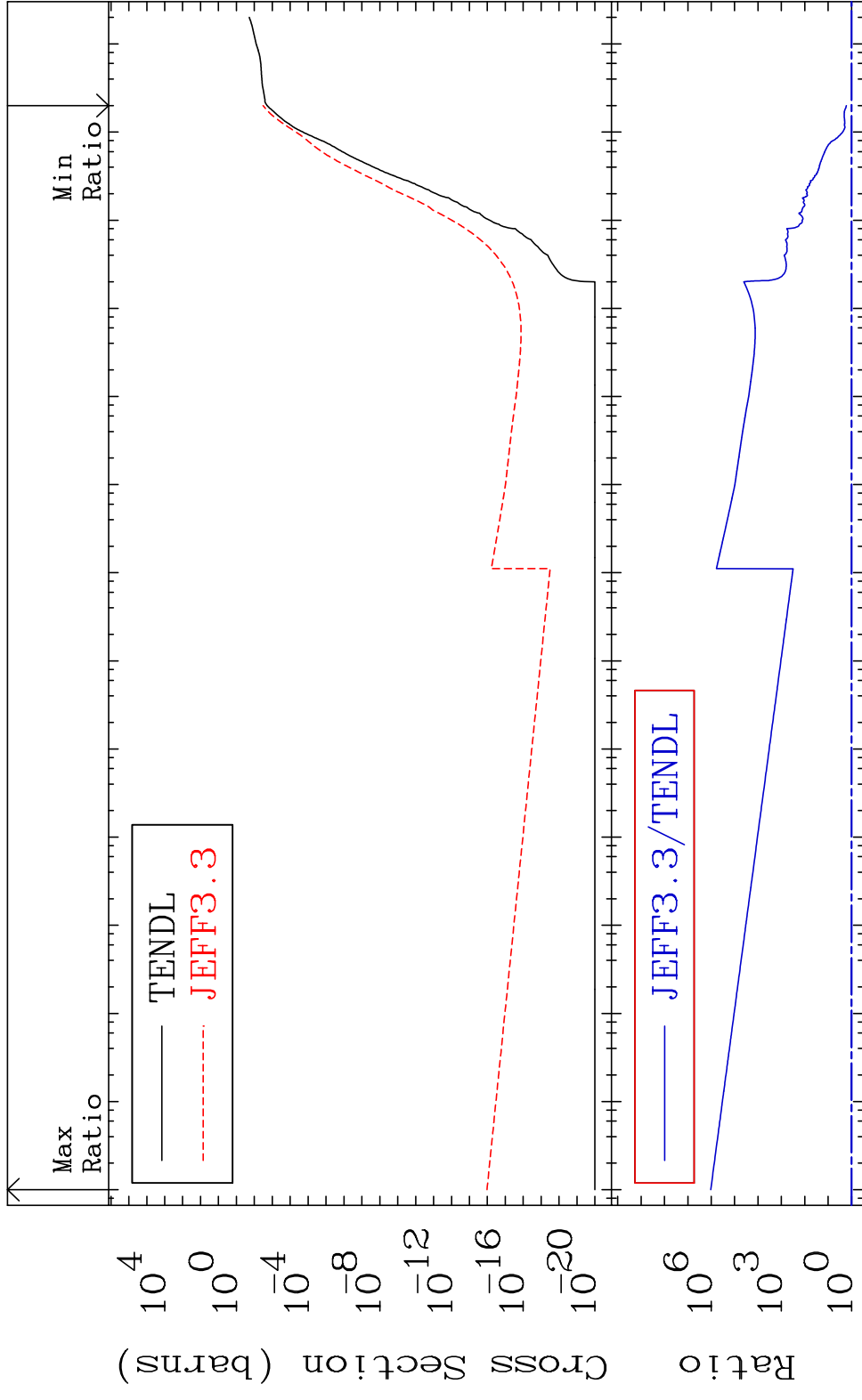
MAT 5037

He-4 Production

50-Sn-116

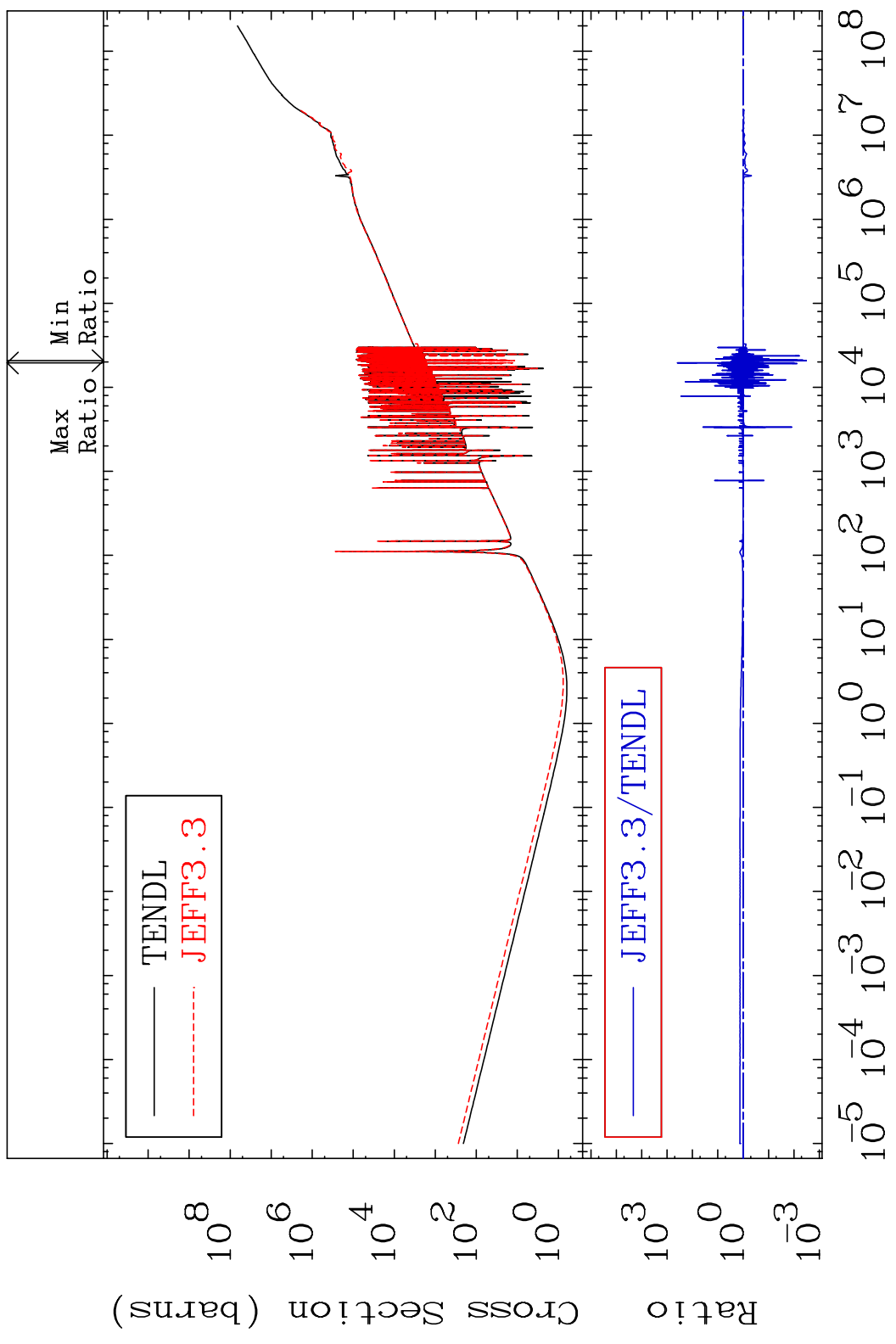
Cross Section 66.88

To 9999. %



MAT 5037

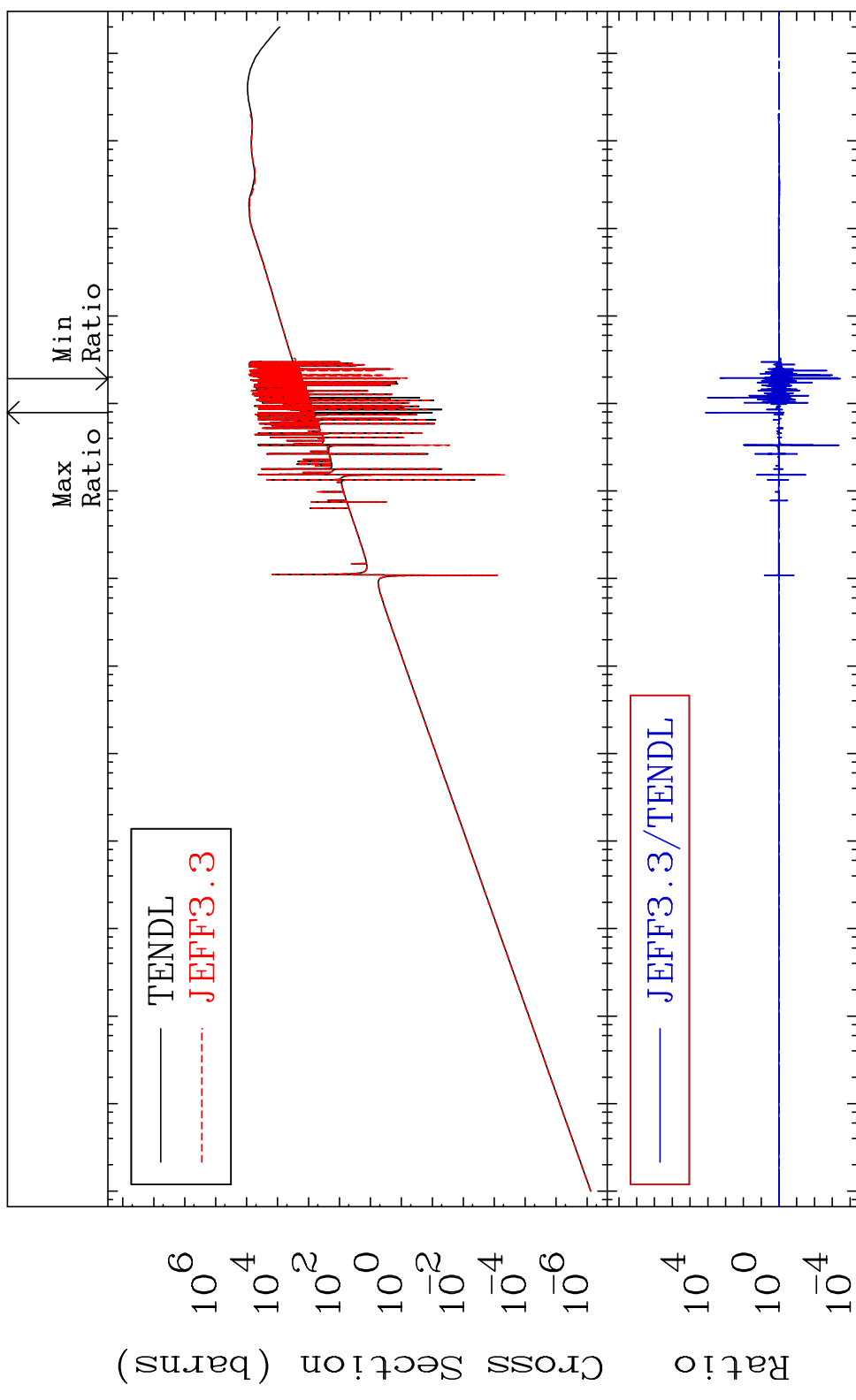
Kerma total (eV-barns) 50-Sn-116
Cross Section -99.68 To 9999. %



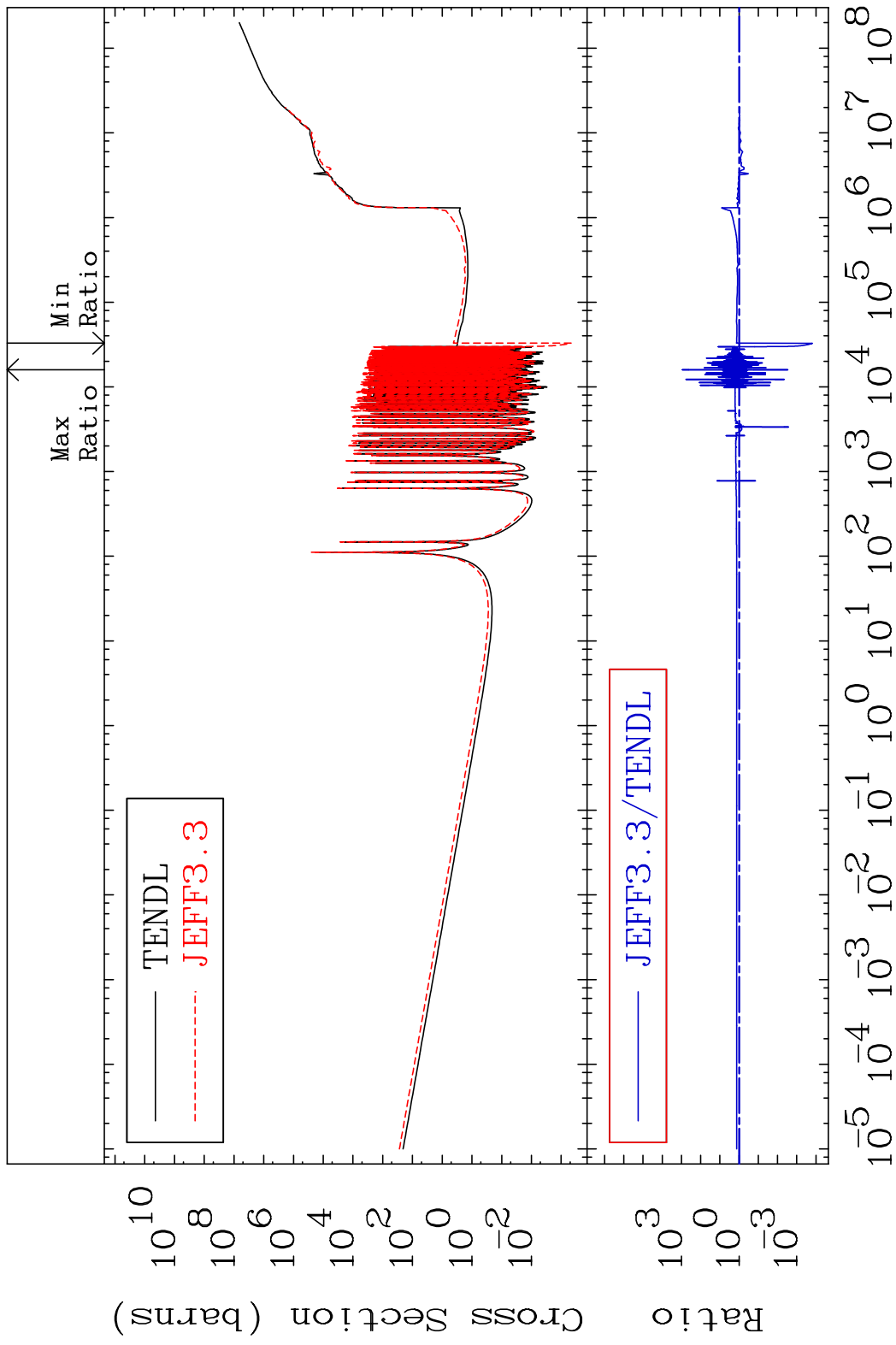
MAT 5037

Kerma elastic
Cross Section -99.97 To 9999. %

50-Sn-116



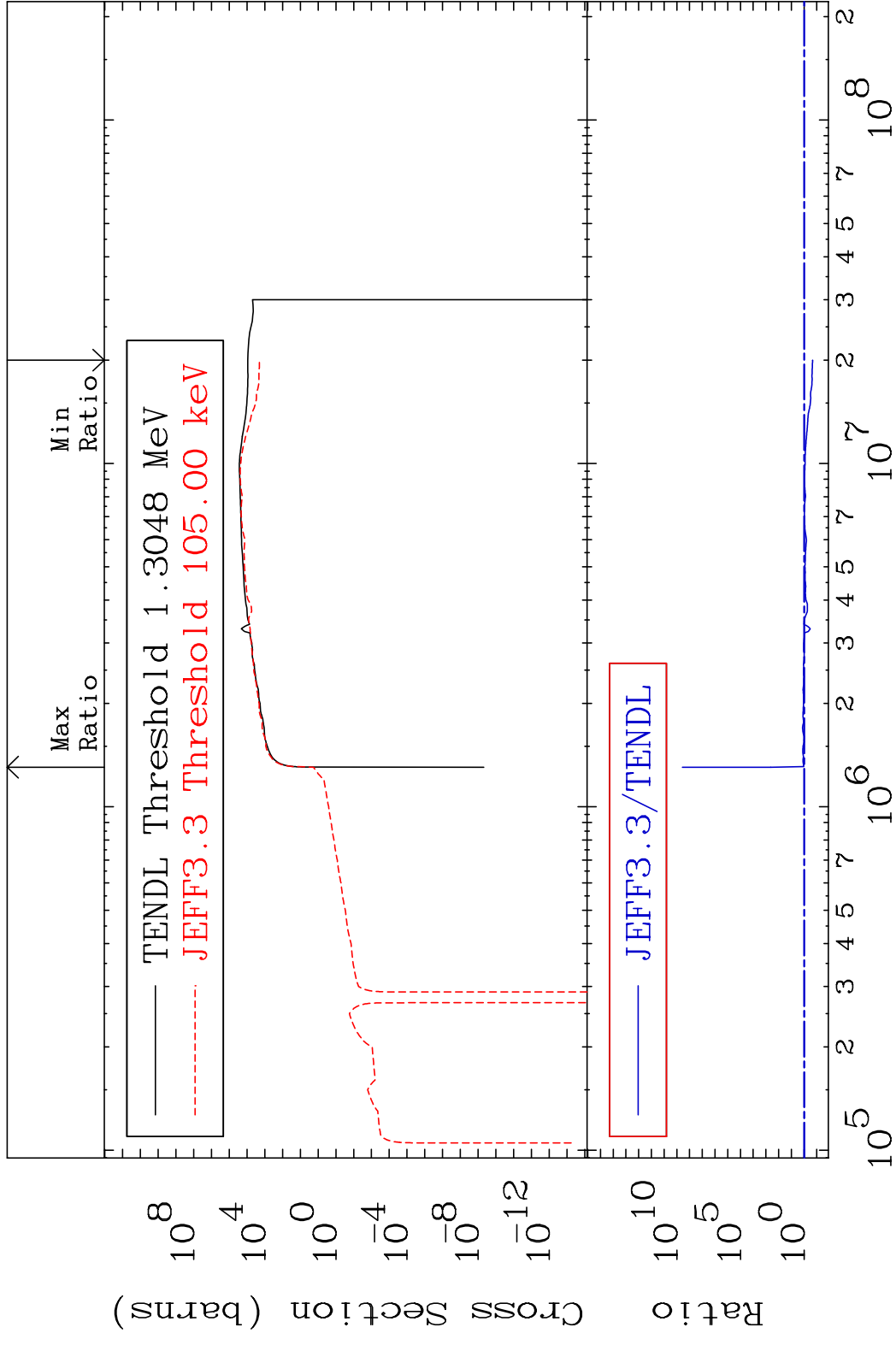
MAT 5037 Kerma non-elastic (all but mt2) 50-Sn-116
 Cross Section -99.98 To 9999. %



50 Incident Energy (eV) 50-Sn-116

MAT 5037

Kerma inelastic (mt51-91) 50-Sn-116
Cross Section -78.39 To 9999. %

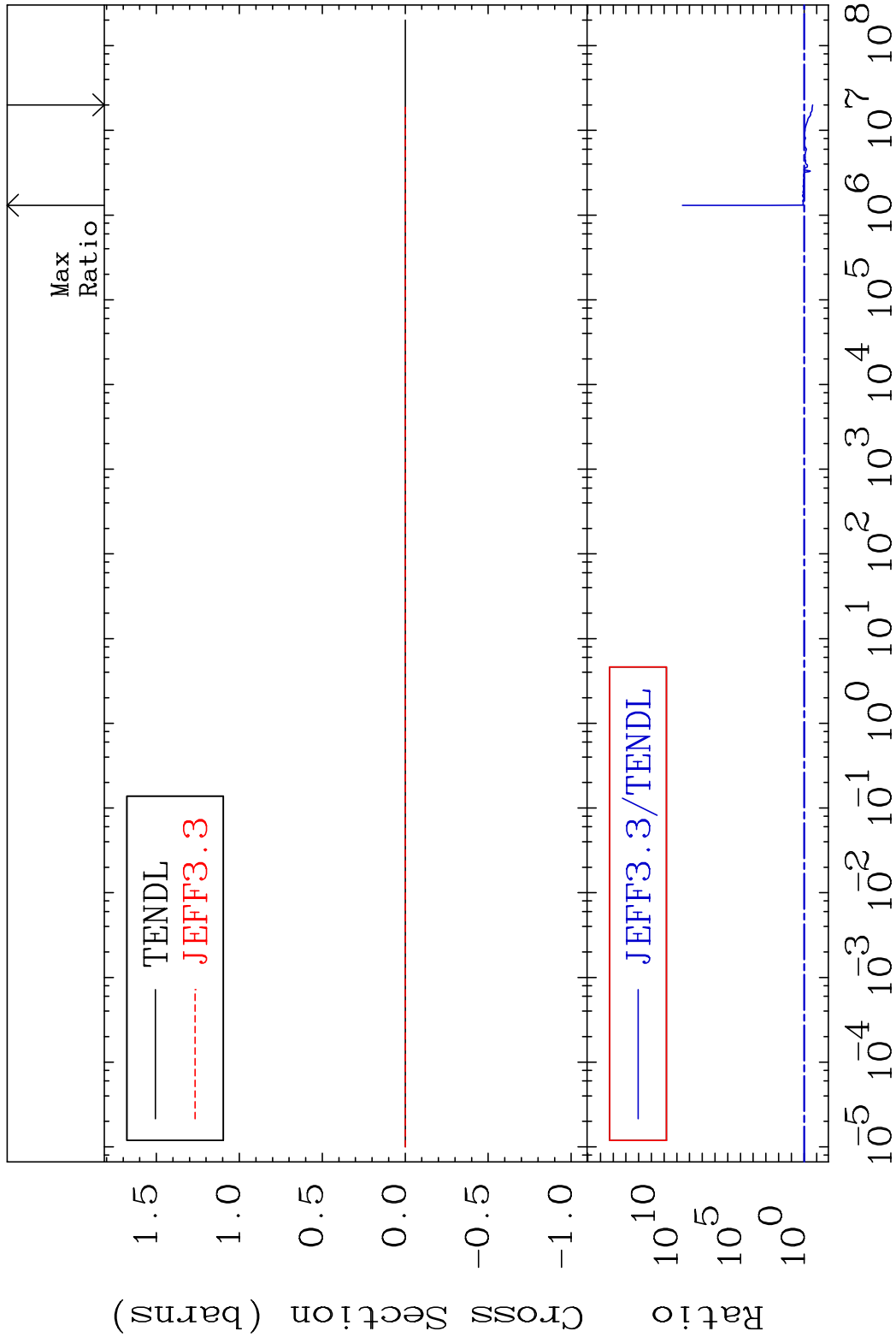


51

Incident Energy (eV)

50-Sn-116

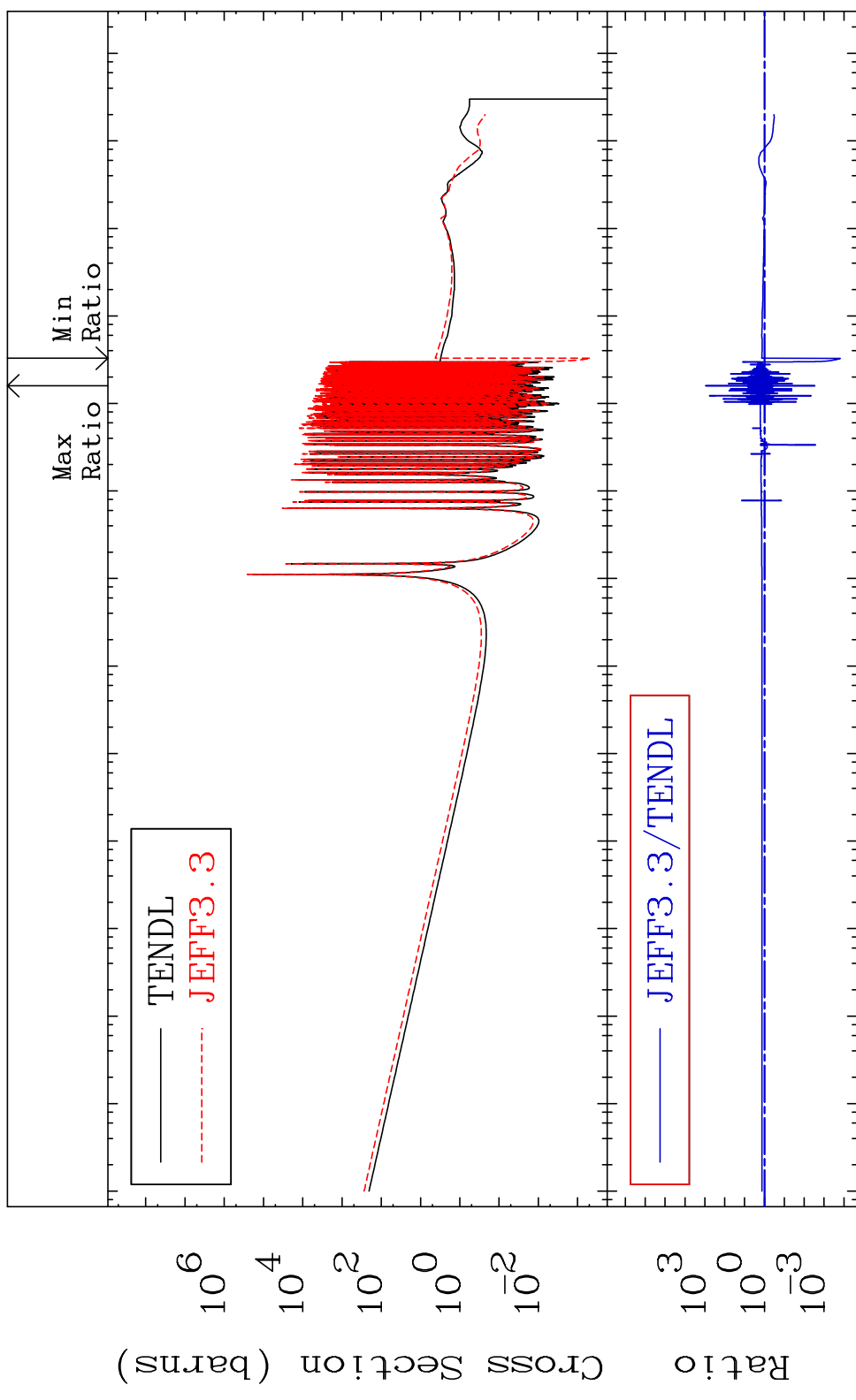
MAT 5037 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-116
 Cross Section -78.39 To 9999. %



MAT 5037

Kerma capture (mt102) 50-Sn-116

Cross Section -99.98 To 9999. %

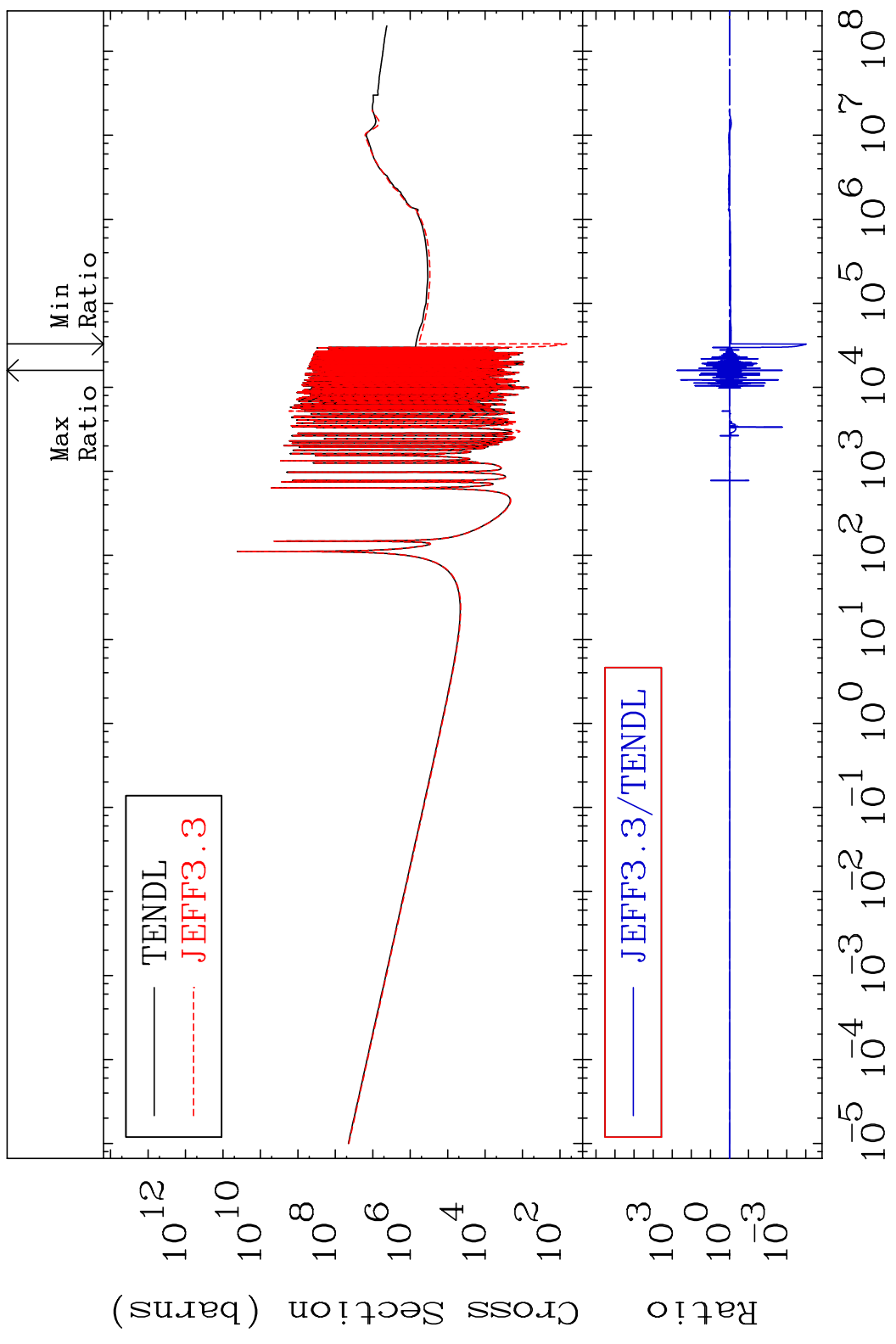


53

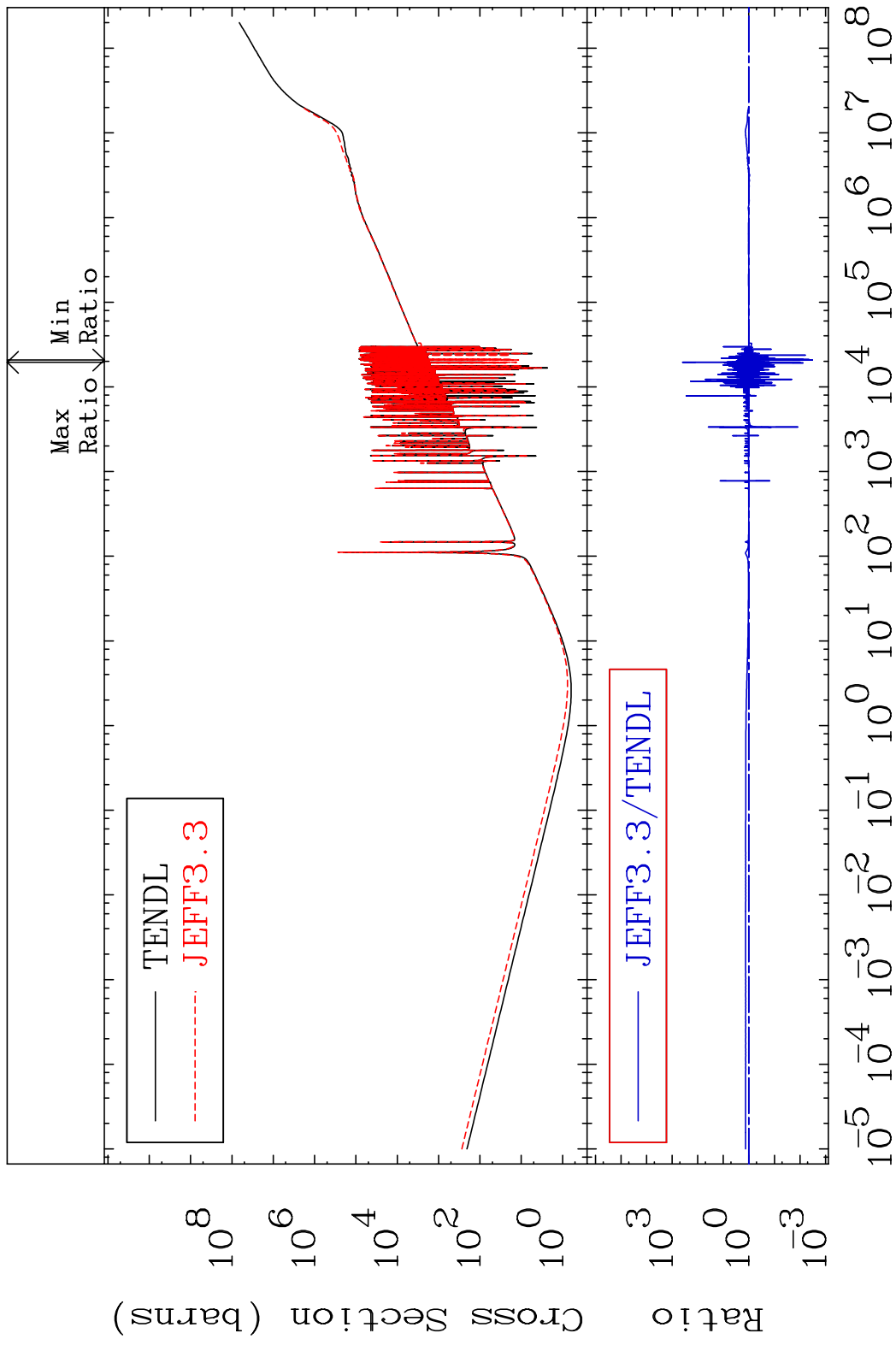
Incident Energy (eV) 50-Sn-116

MAT 5037

Total photon (eV-barns) 50-Sn-116
Cross Section -99.99 To 9999. %



MAT 5037 Total kinematic kerma (high limit) 50-Sn-116
Cross Section -99.68 To 9999. %

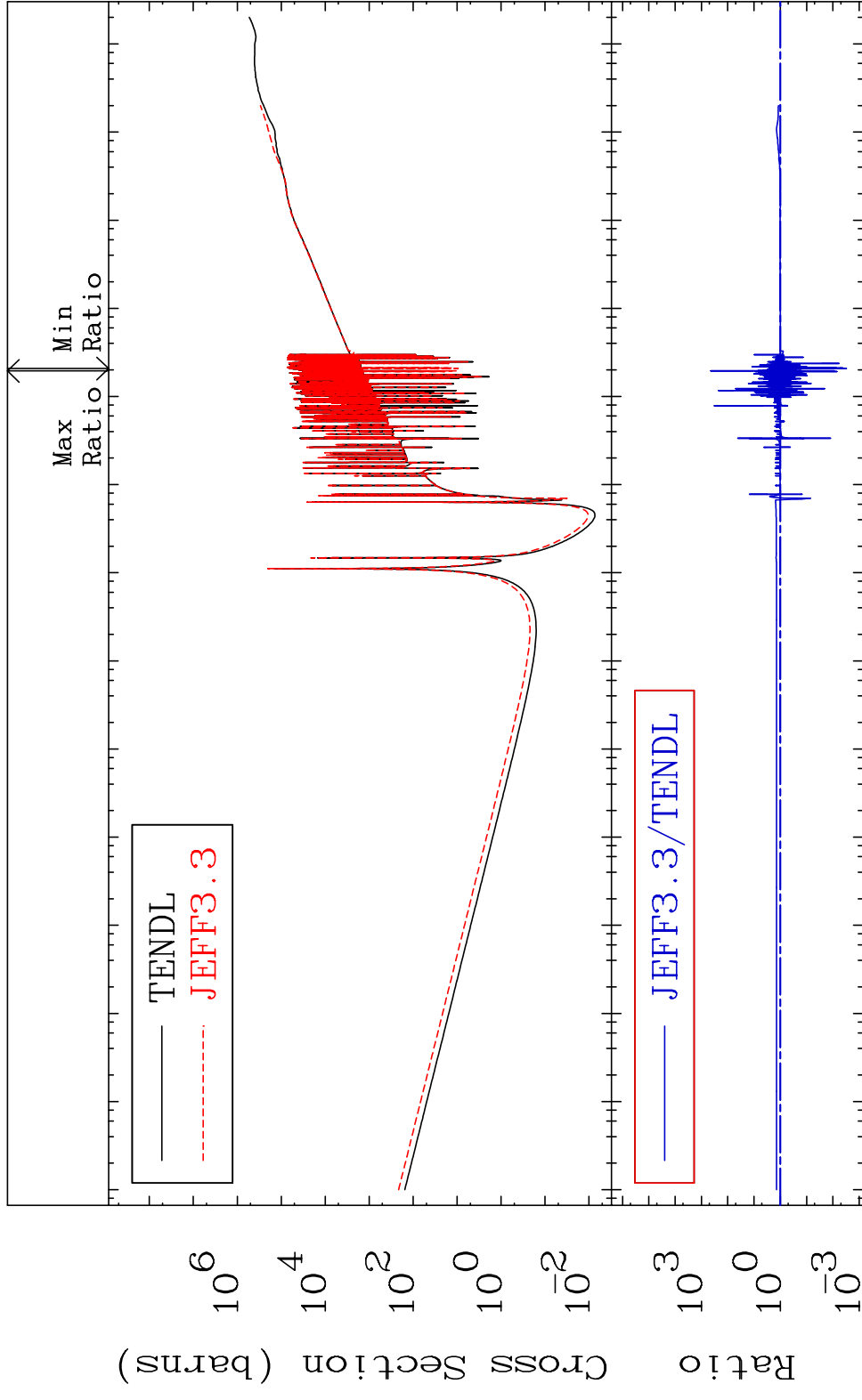


MAT 5037

Dpa total (eV-barns)

50-Sn-116

Cross Section -99.69 To 9999. %



56

Incident Energy (eV)

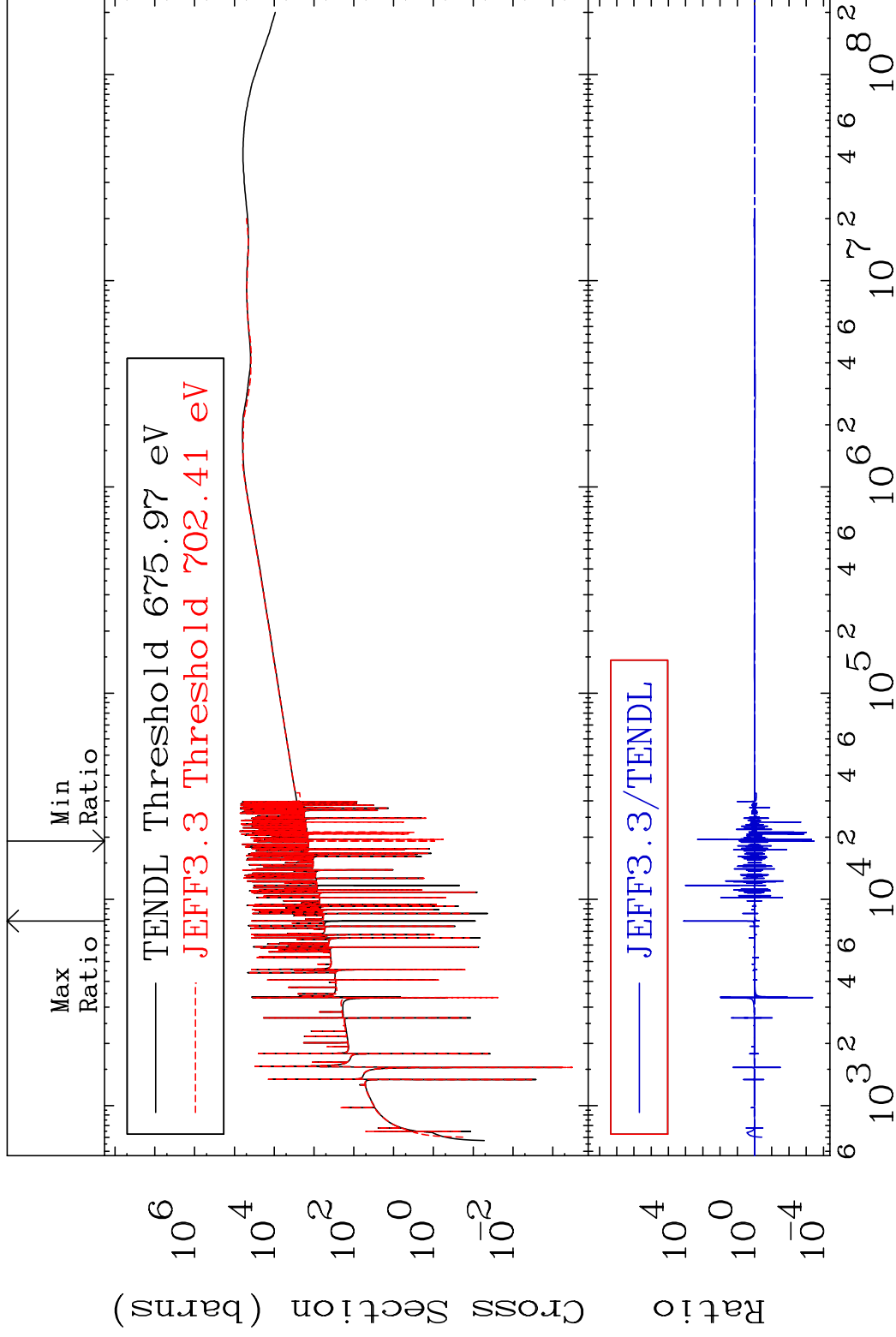
50-Sn-116

MAT 5037

Dpa elastic (mt2)

50-Sn-116

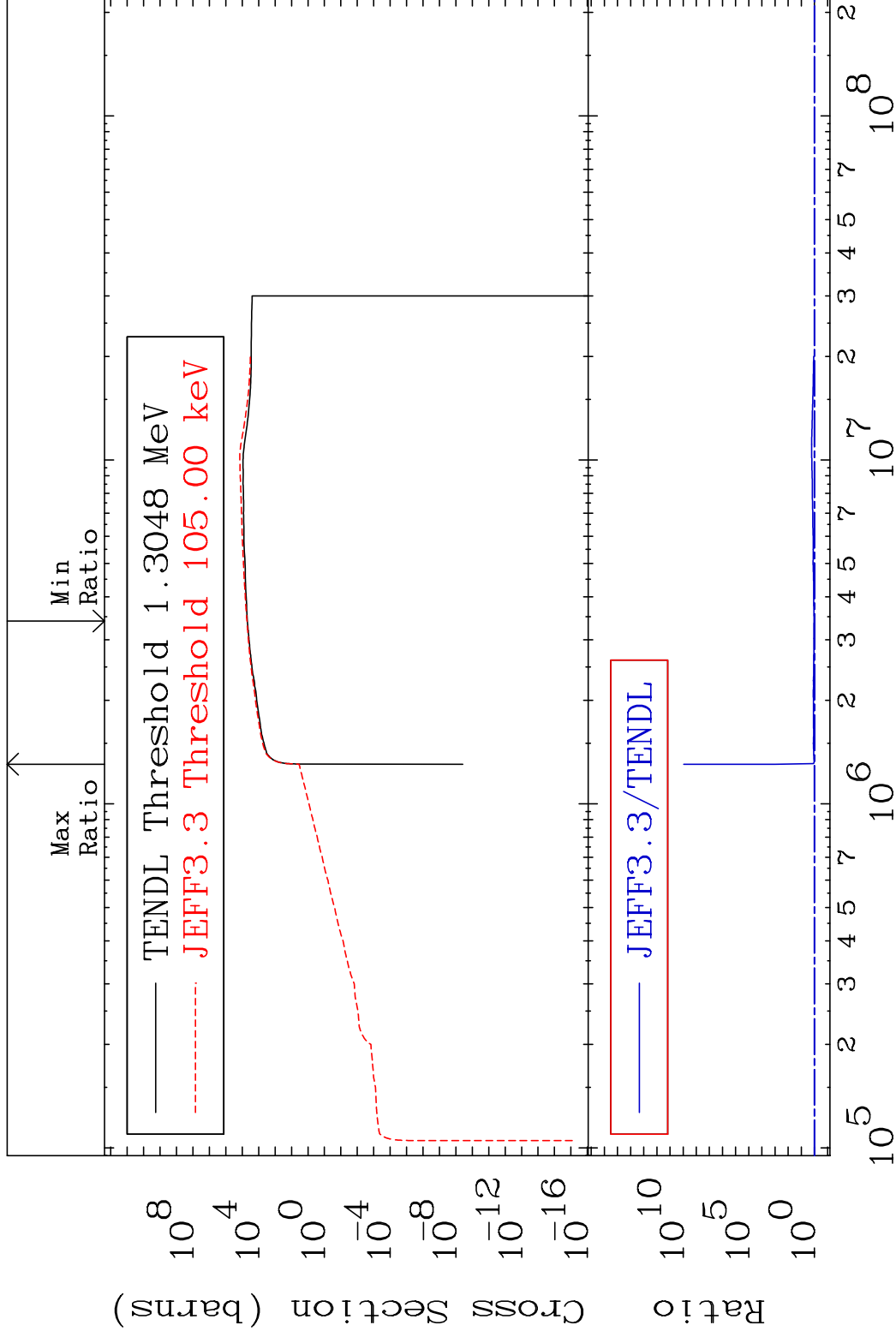
Cross Section -99.97 To 9999. %



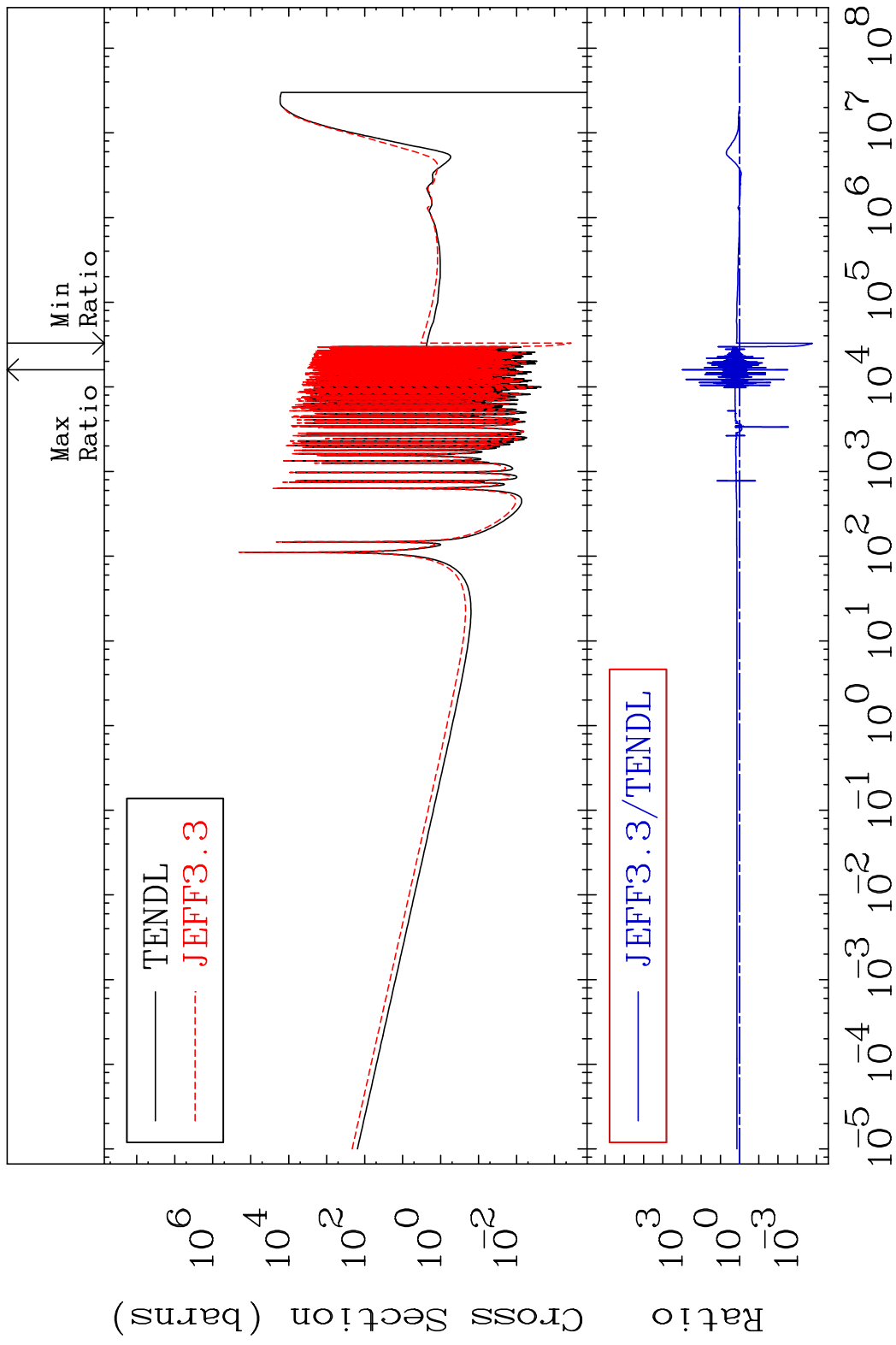
57

Incident Energy (eV)

50-Sn-116



MAT 5037 Dpa disappearance (mt102 -120) 50-Sn-116
 Cross Section -99.98 To 9999. %



59 Incident Energy (eV) 50-Sn-116