

Program Complot
(Version 2021-1)

by

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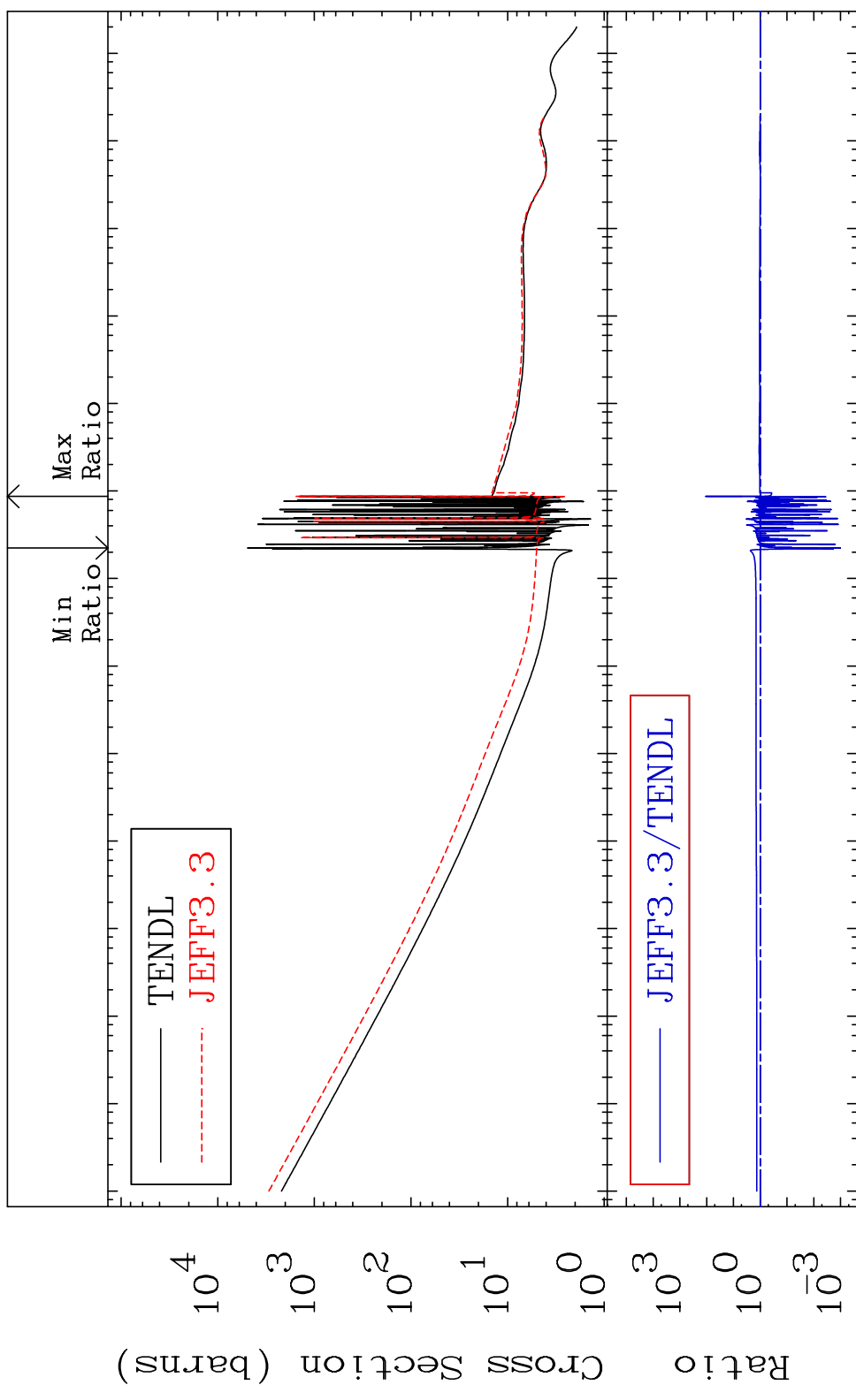
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5034

Total Cross Section
50-Sn-115
-99.90 To 9999. %



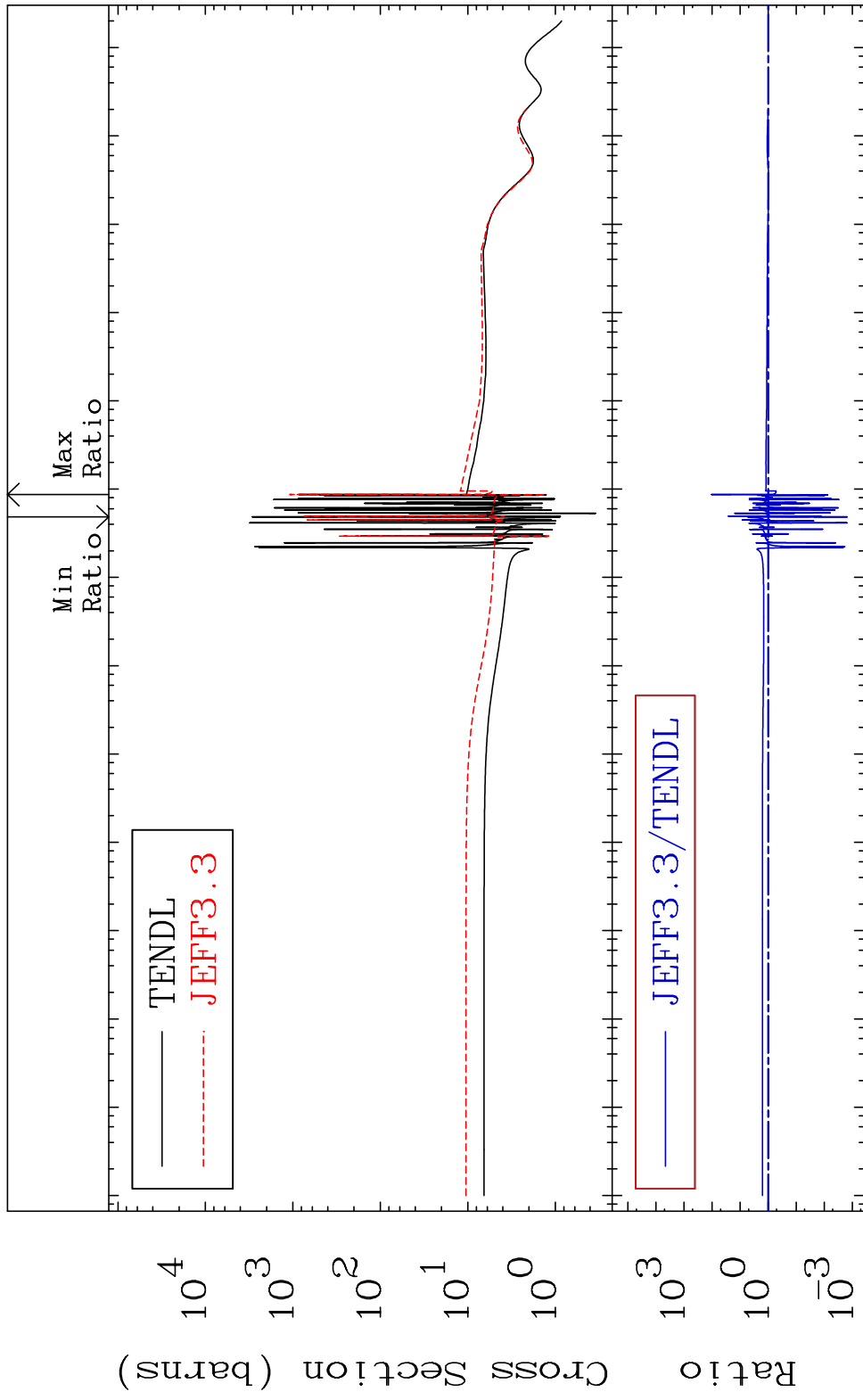
1 Incident Energy (eV) 50-Sn-115

MAT 5034

Elastic

50-Sn-115

Cross Section -99.85 To 9999. %

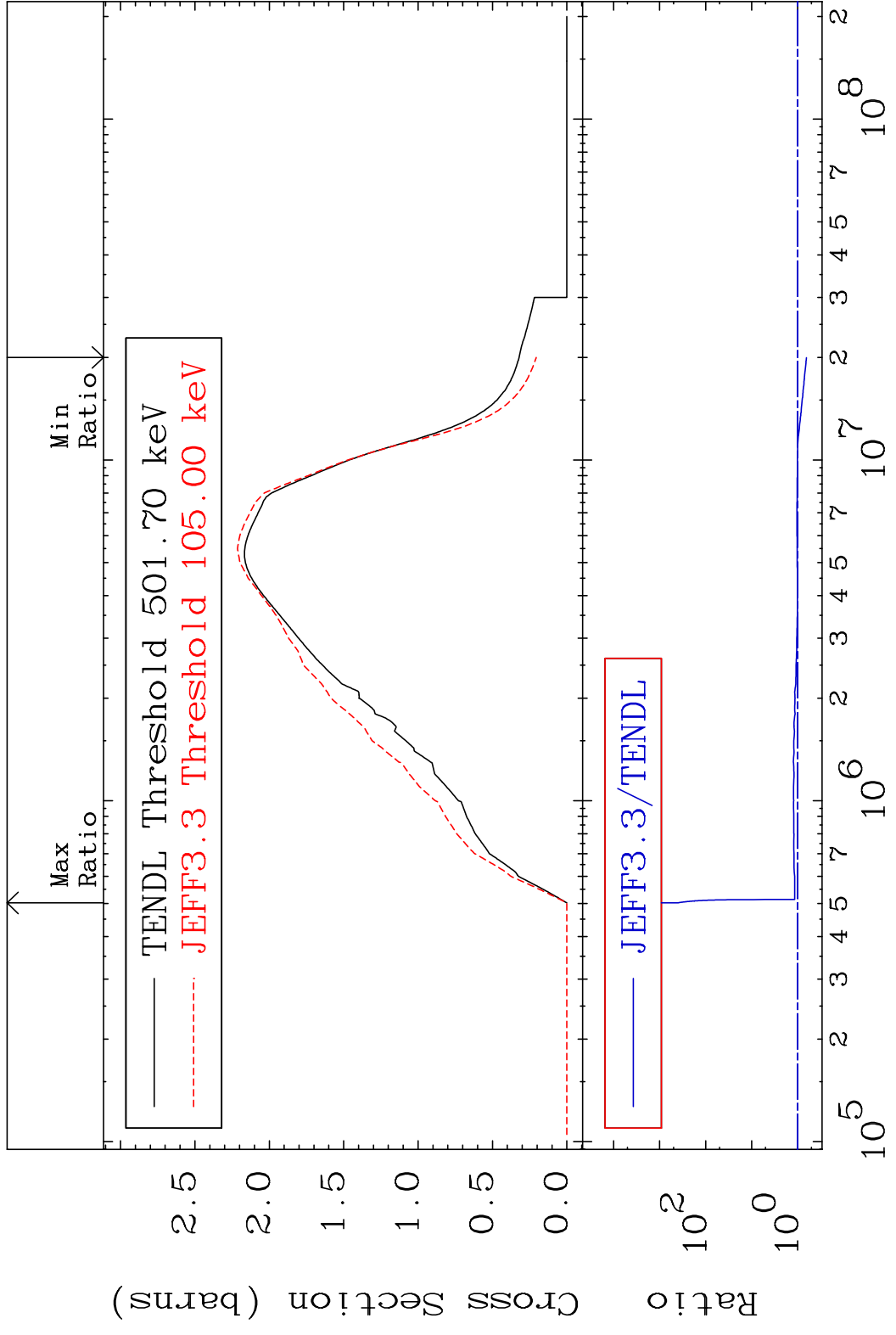


2

Incident Energy (eV)

50-Sn-115

MAT 5034 Inelastic 50-Sn-115
 Cross Section -35.80 To 9999. %



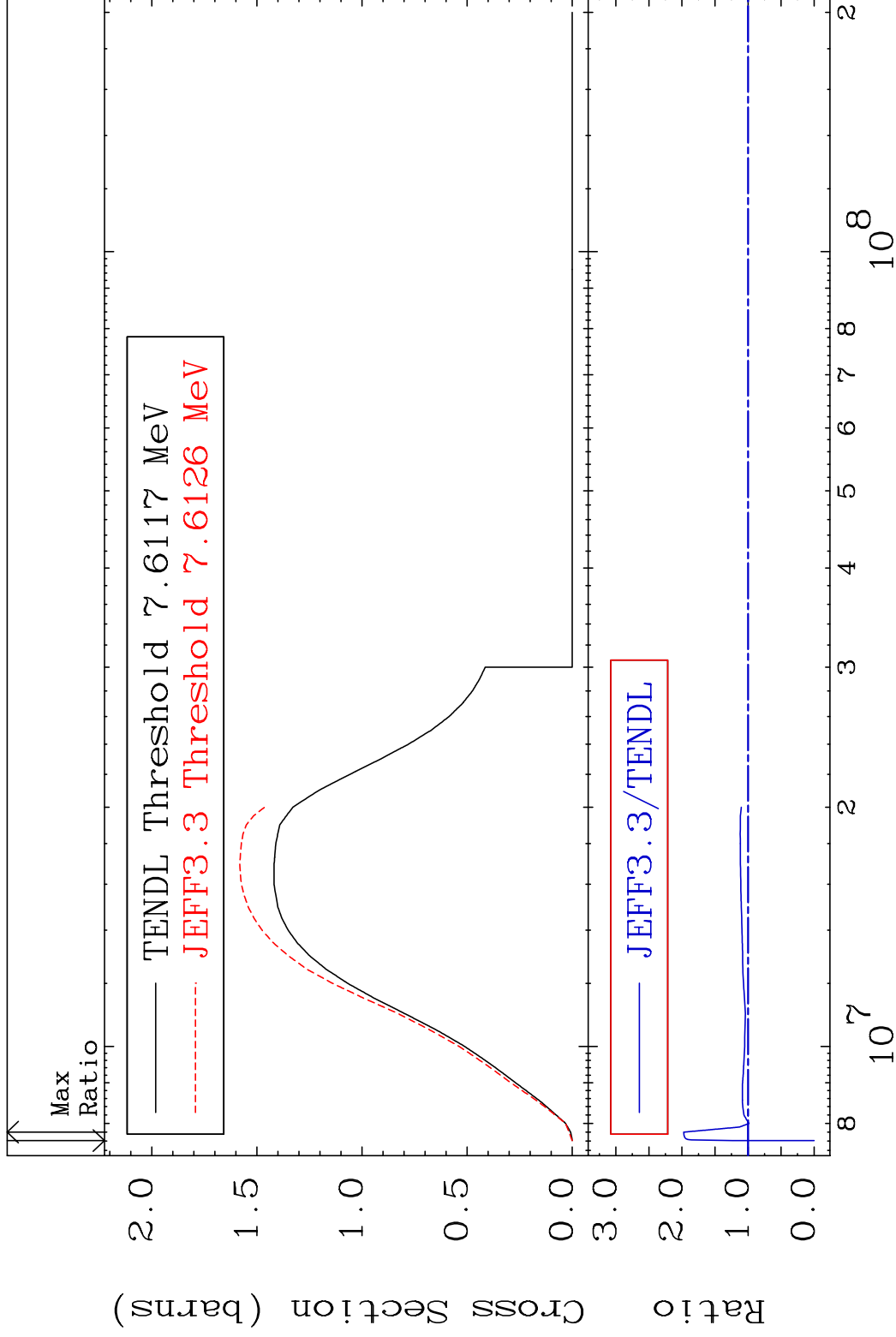
3 Incident Energy (eV) 50-Sn-115

MAT 5034

(n,2n)

50-Sn-115

Cross Section -100.0 To 97.39 %



4

Incident Energy (eV)

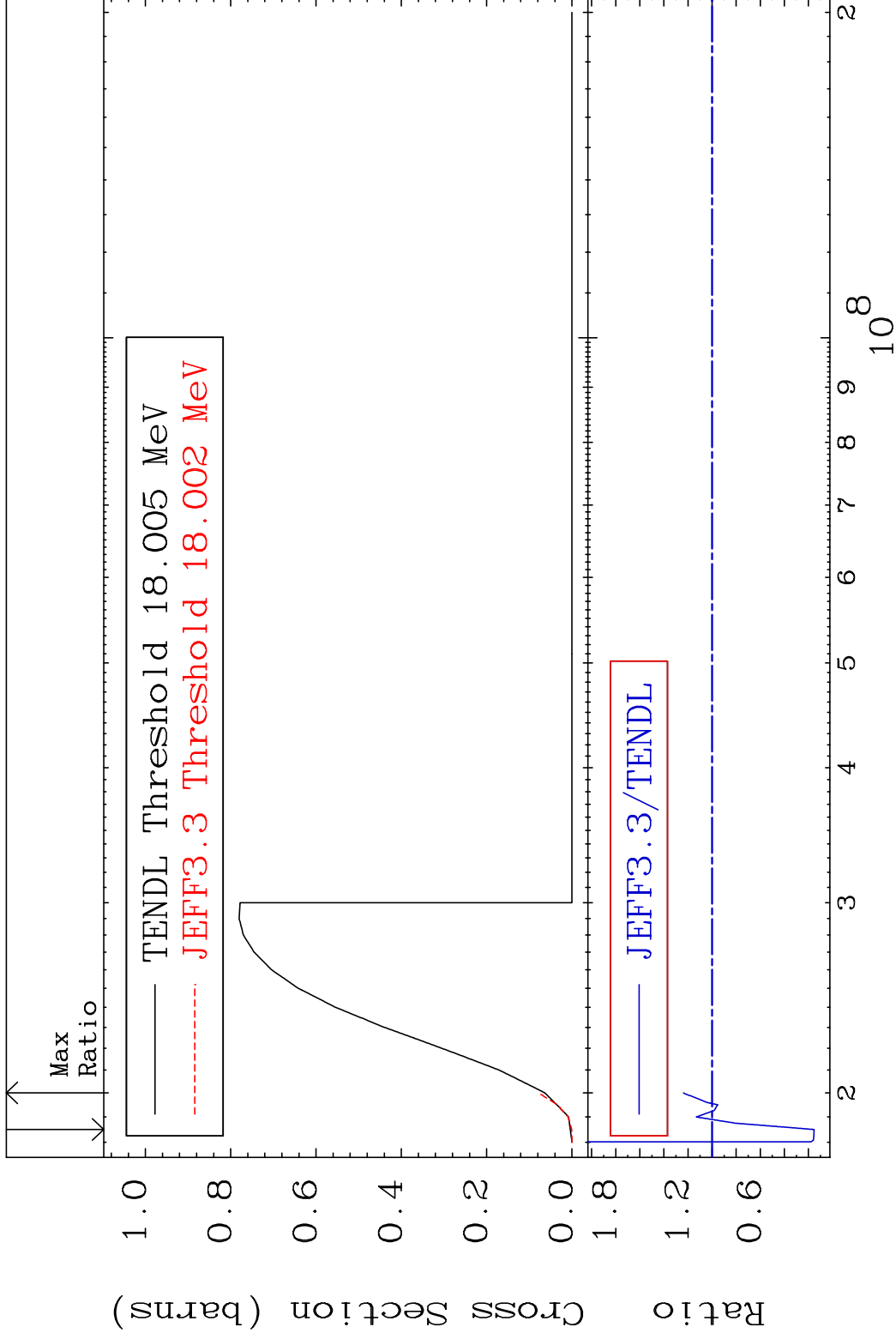
50-Sn-115

MAT 5034

(n,3n)

50-Sn-115

Cross Section -84.67 To 23.76 %



5

Incident Energy (eV)

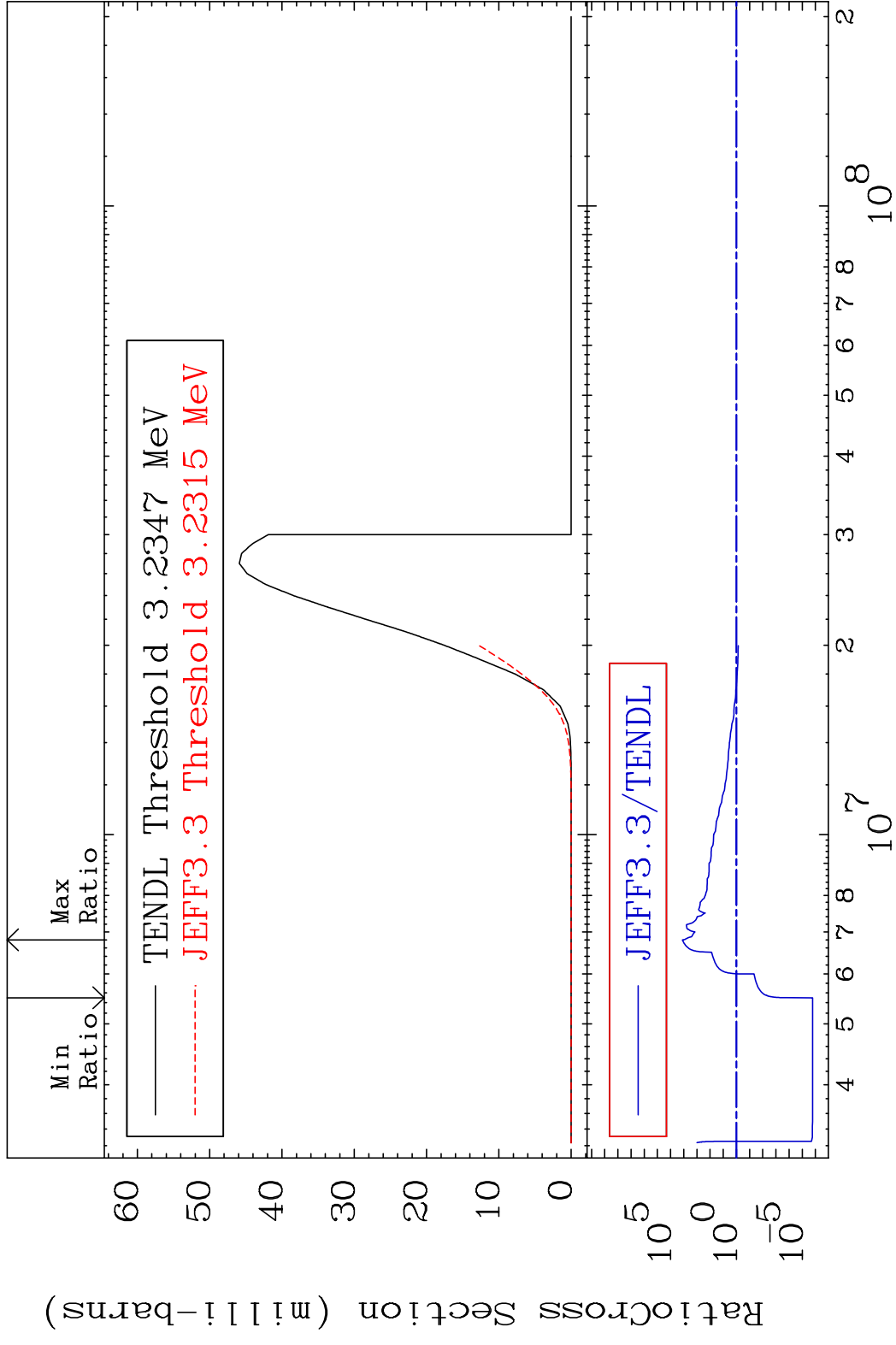
50-Sn-115

MAT 5034

(n, n') α

50-Sn-115

Cross Section -100.0 To 9999. %

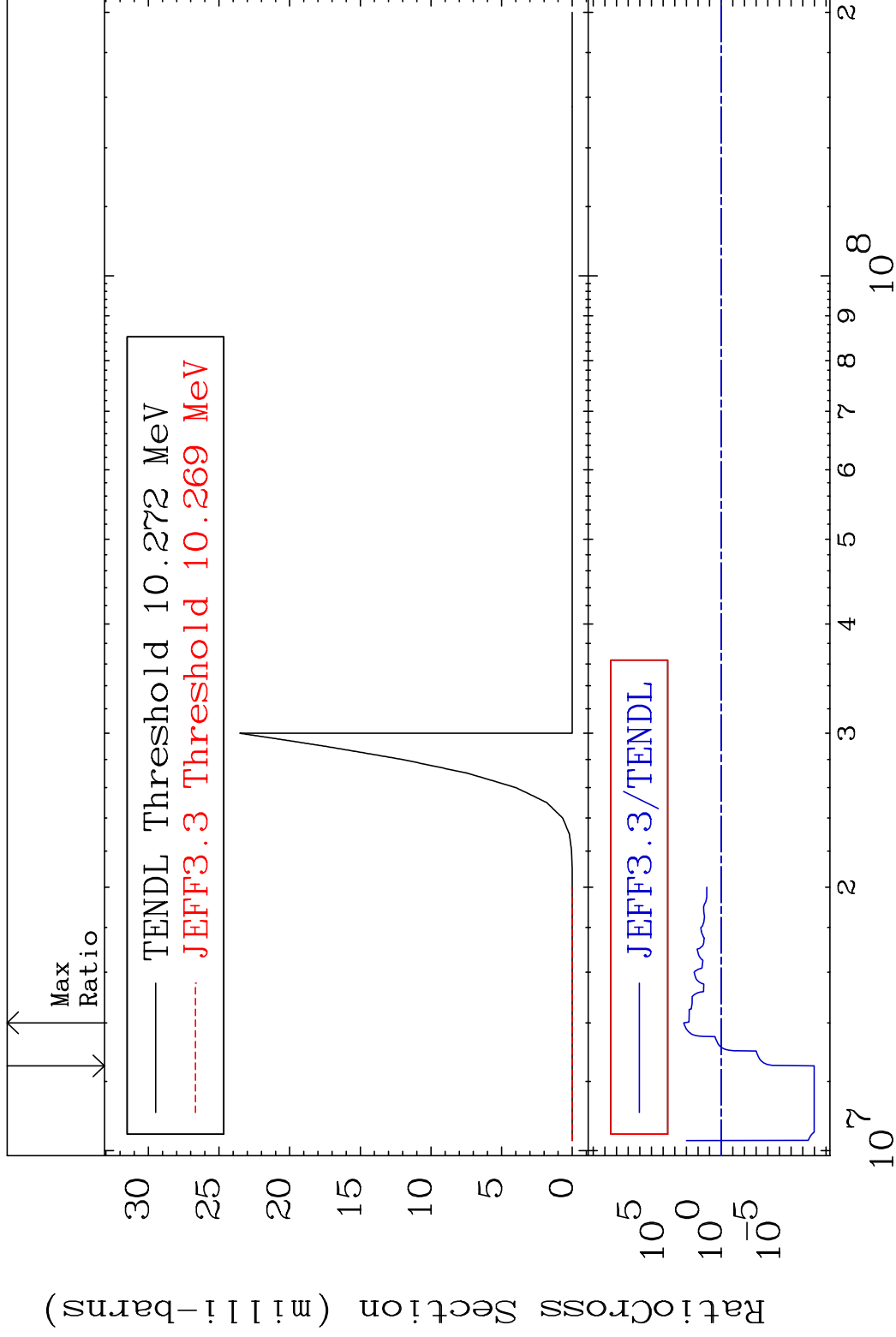


MAT 5034

(n,2n) α

50-Sn-115

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

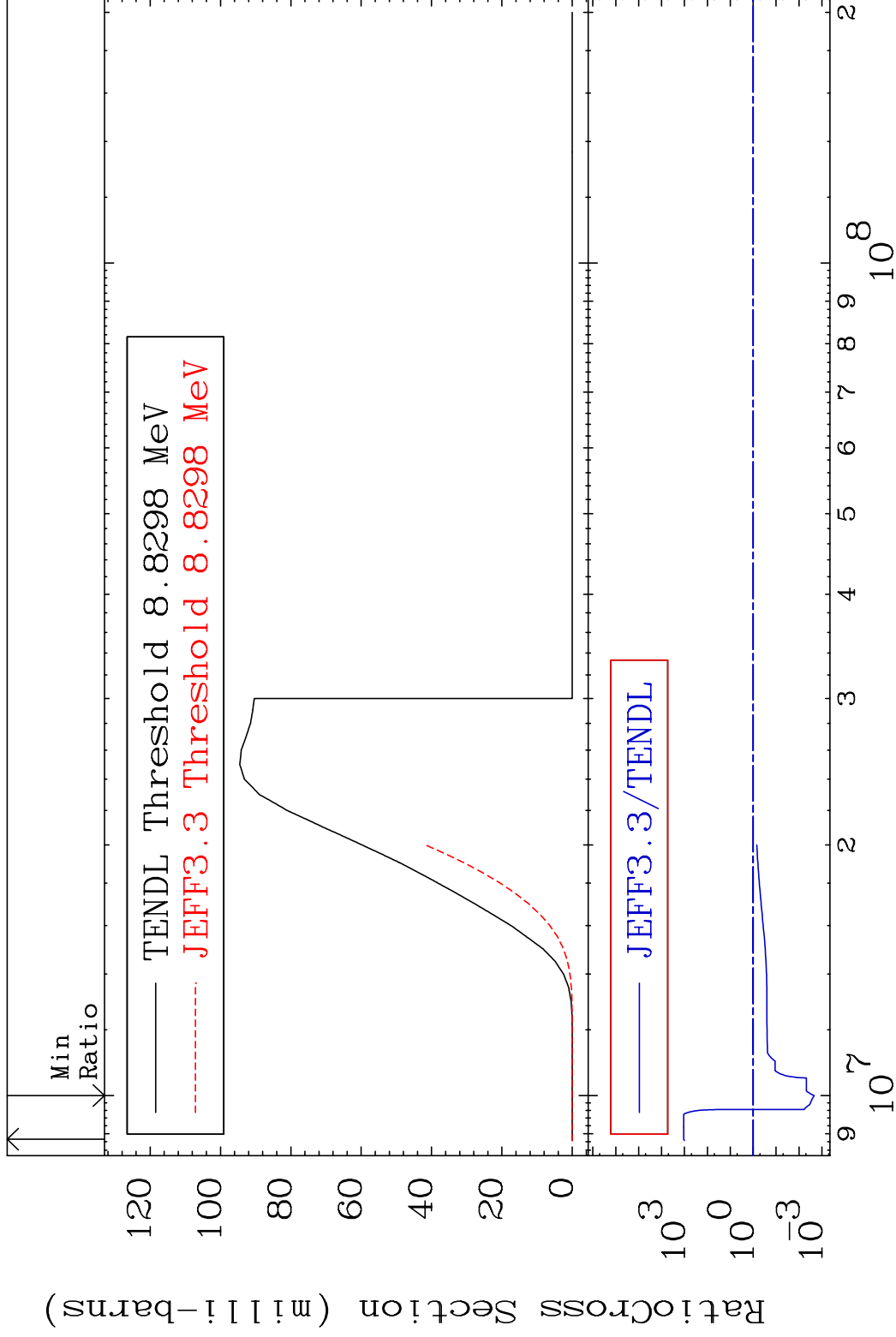
50-Sn-115

MAT 5034

(n, n') p

50-Sn-115

Cross Section -99.78 To 9999. %



8

Incident Energy (eV)

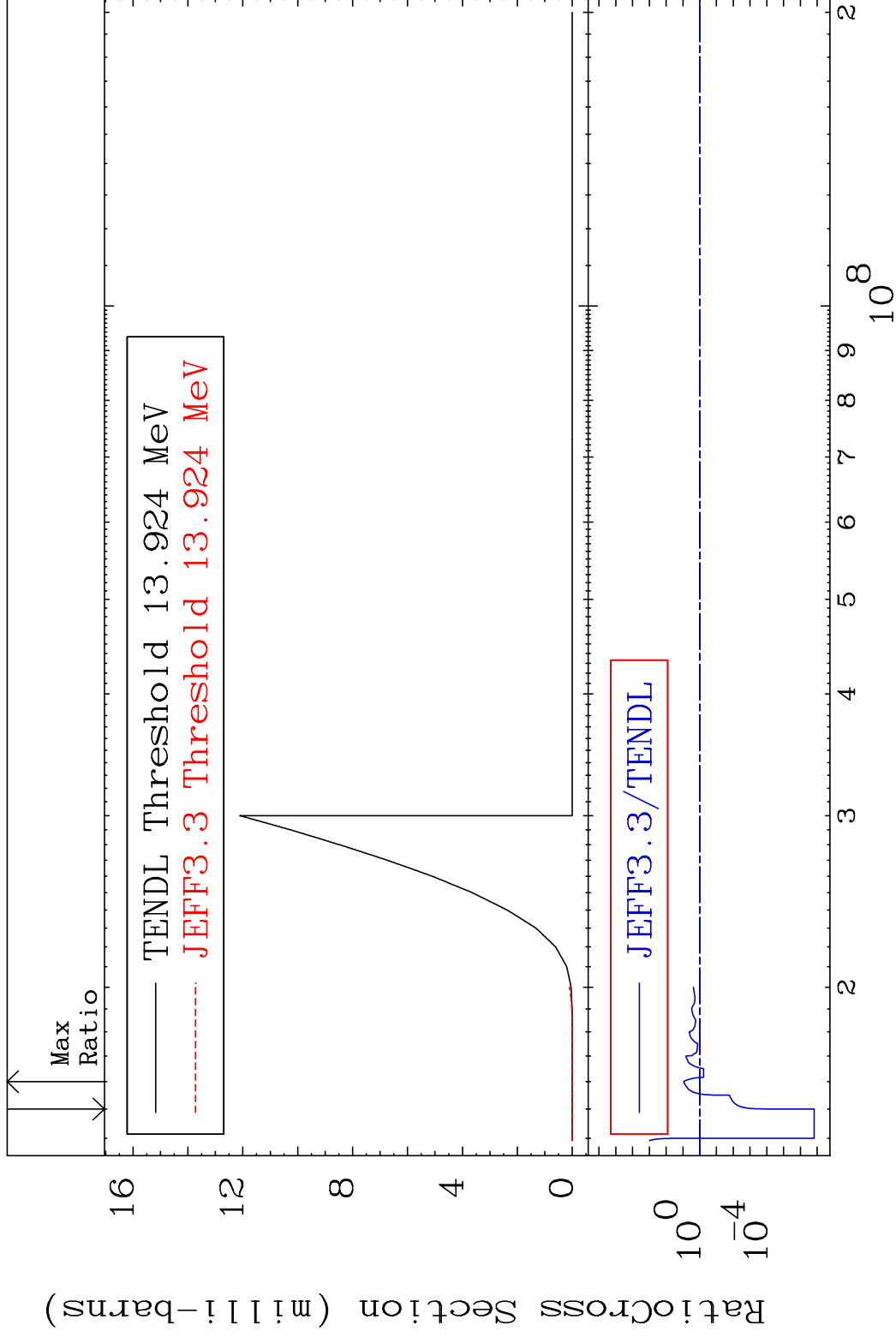
50-Sn-115

MAT 5034

(n, n') d

50-Sn-115

Cross Section -100.0 To 802.6 %

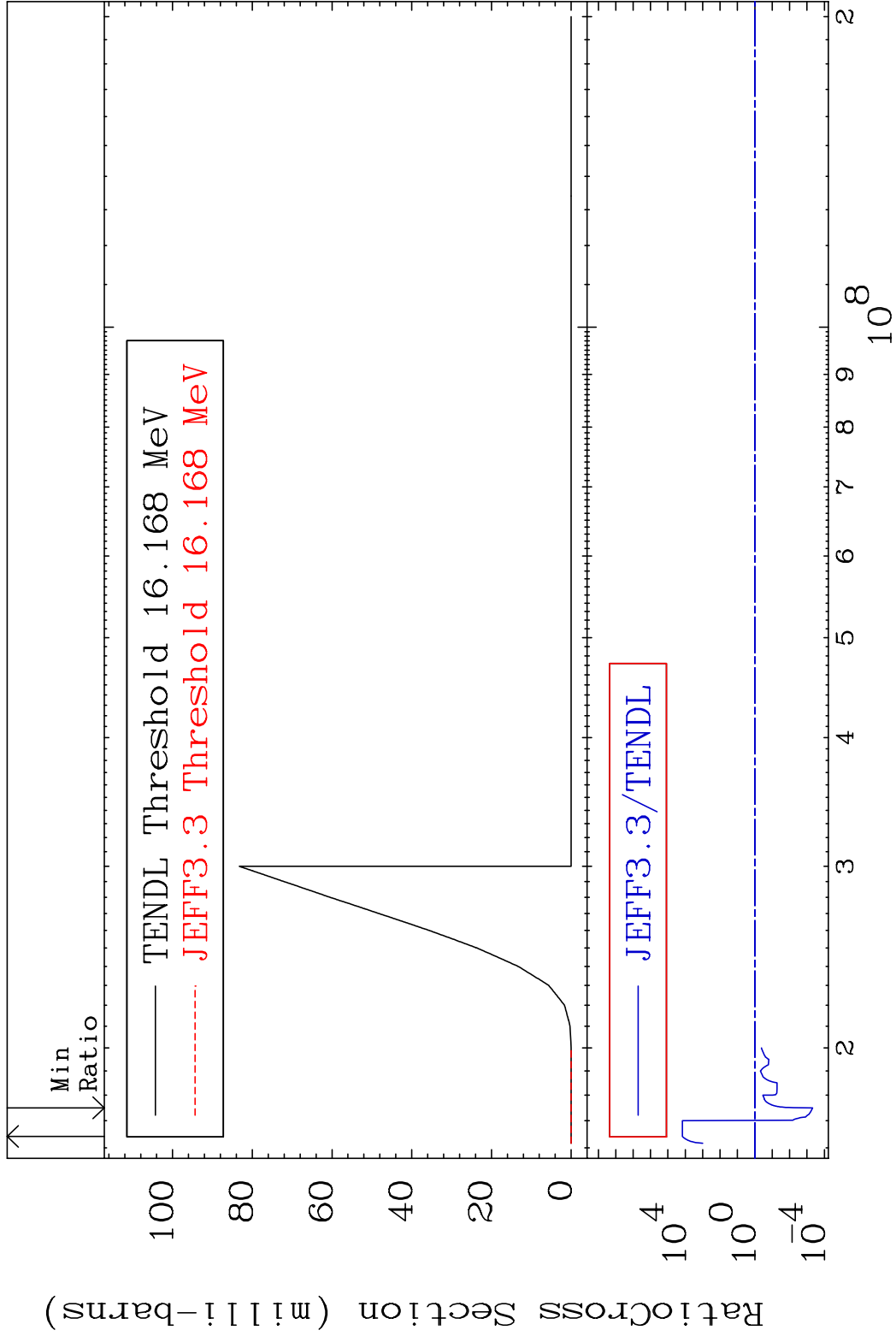


MAT 5034

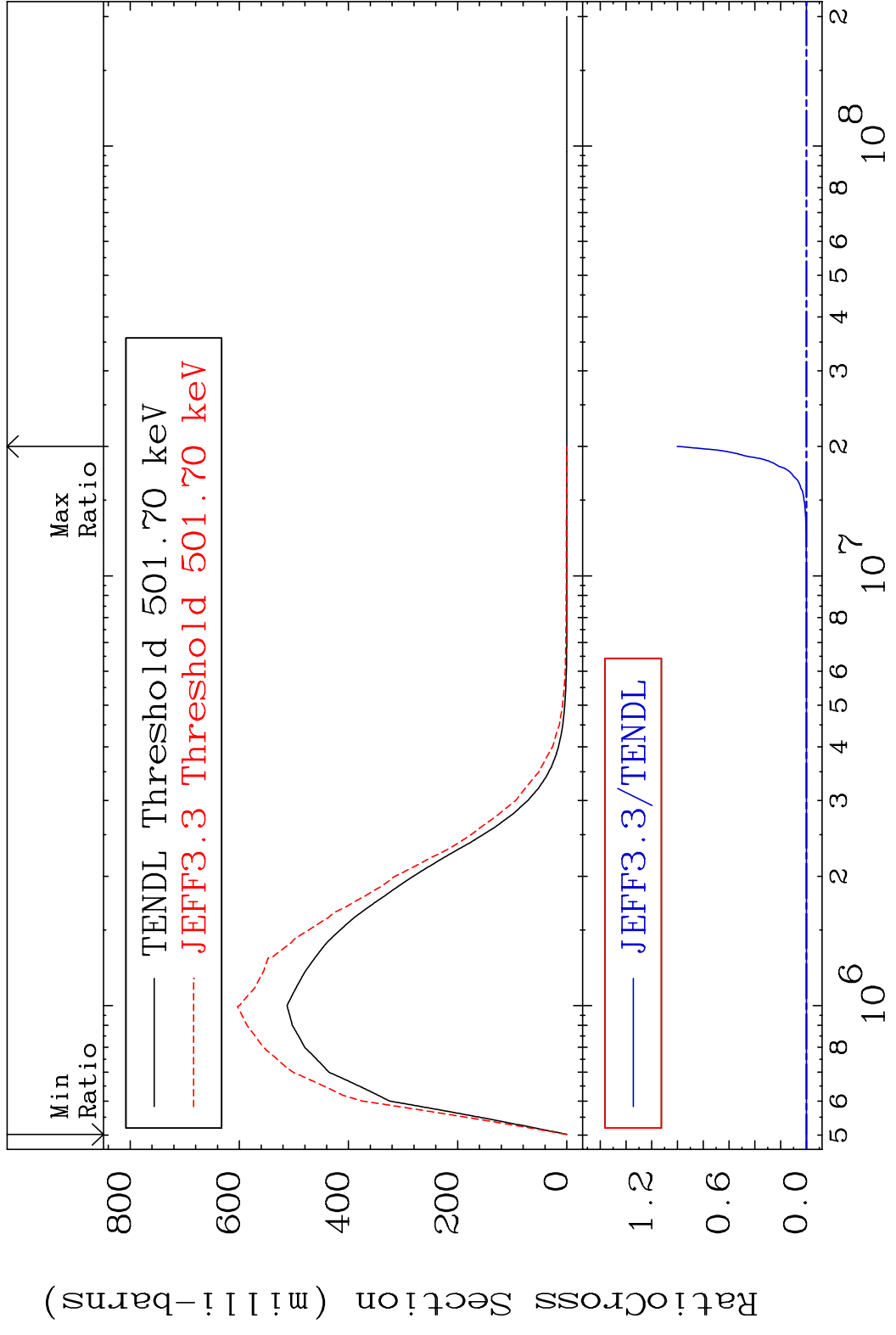
(n,2n) p

50-Sn-115

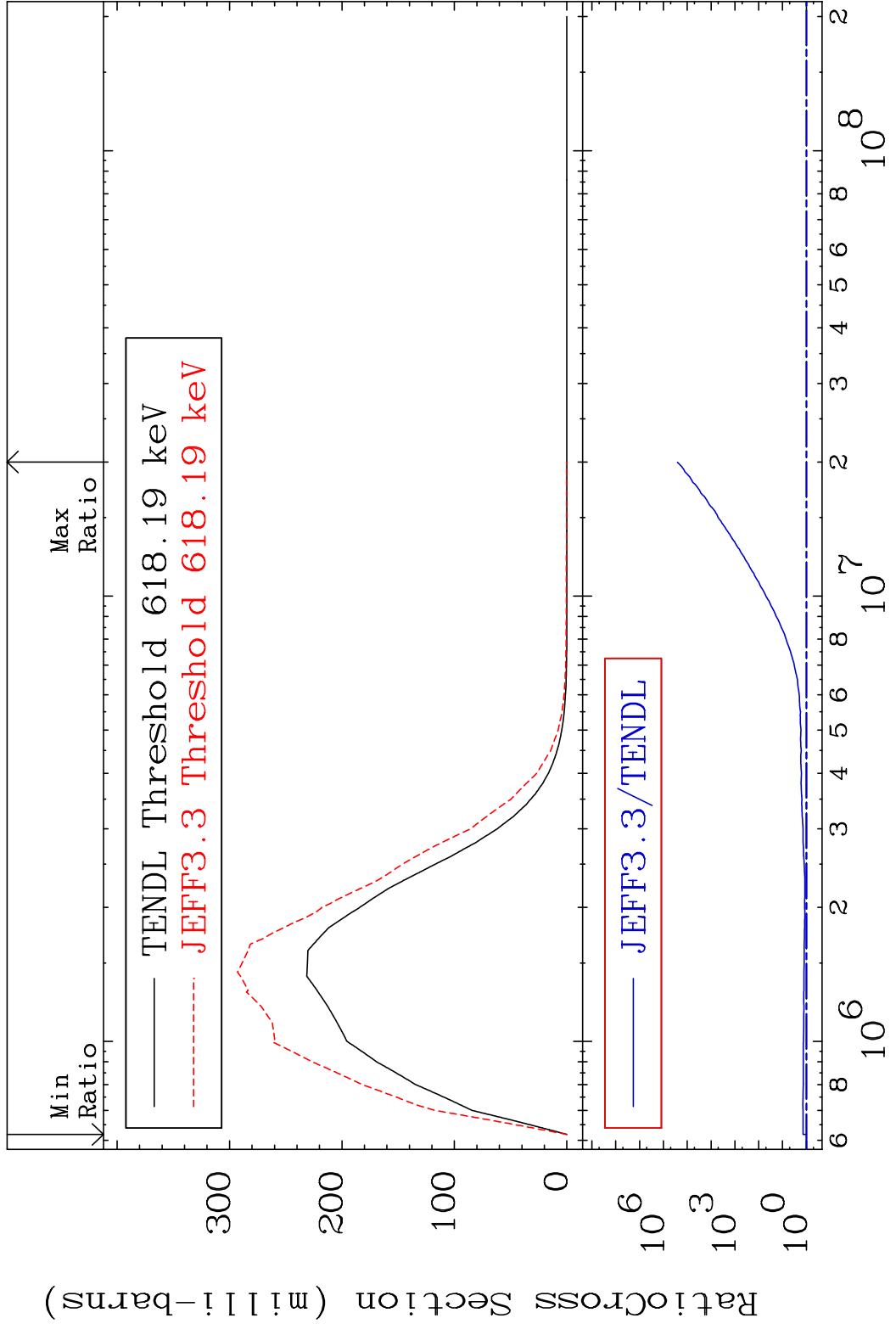
Cross Section -99.95 To 9999. %



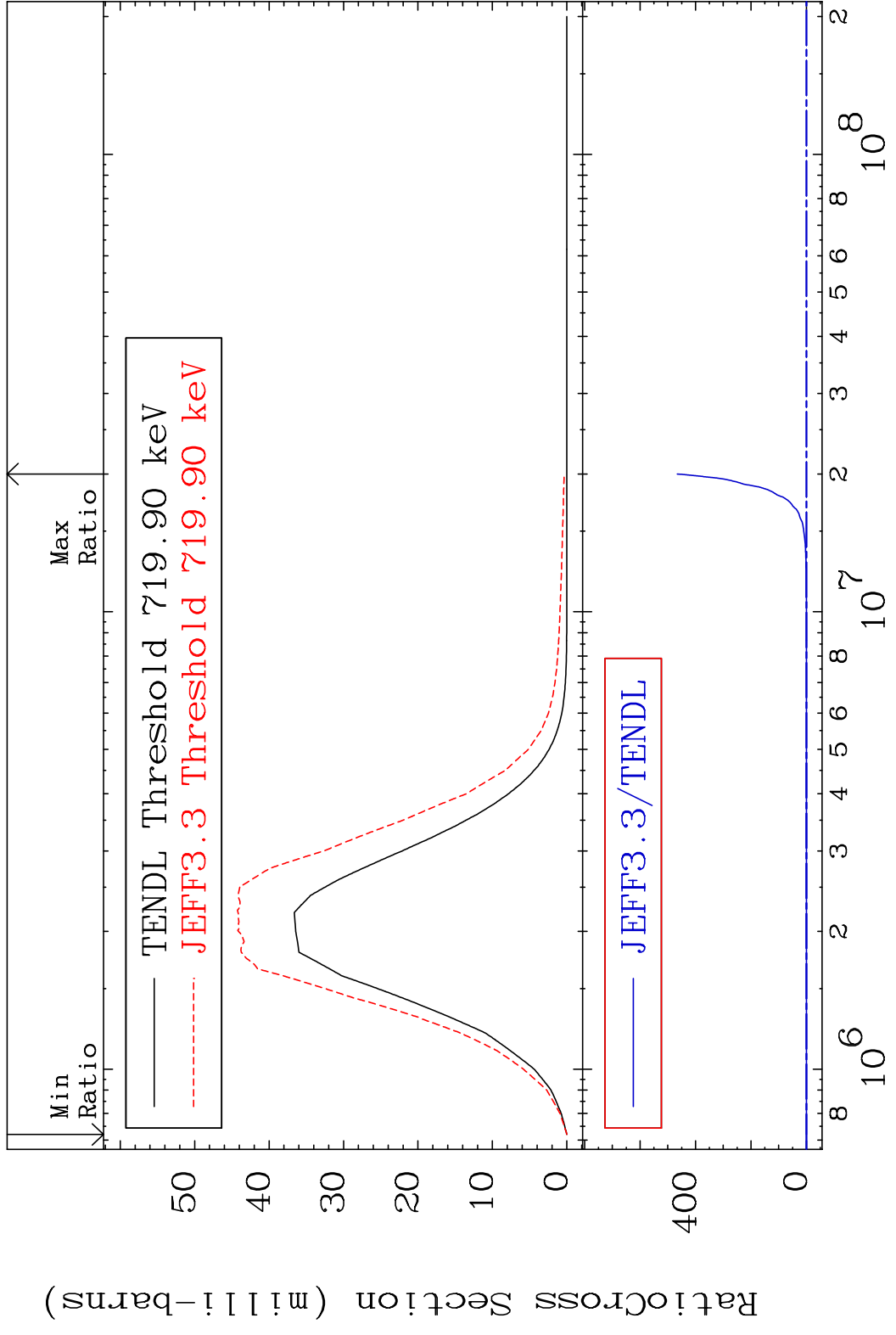
MAT 5034 MT= 51 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



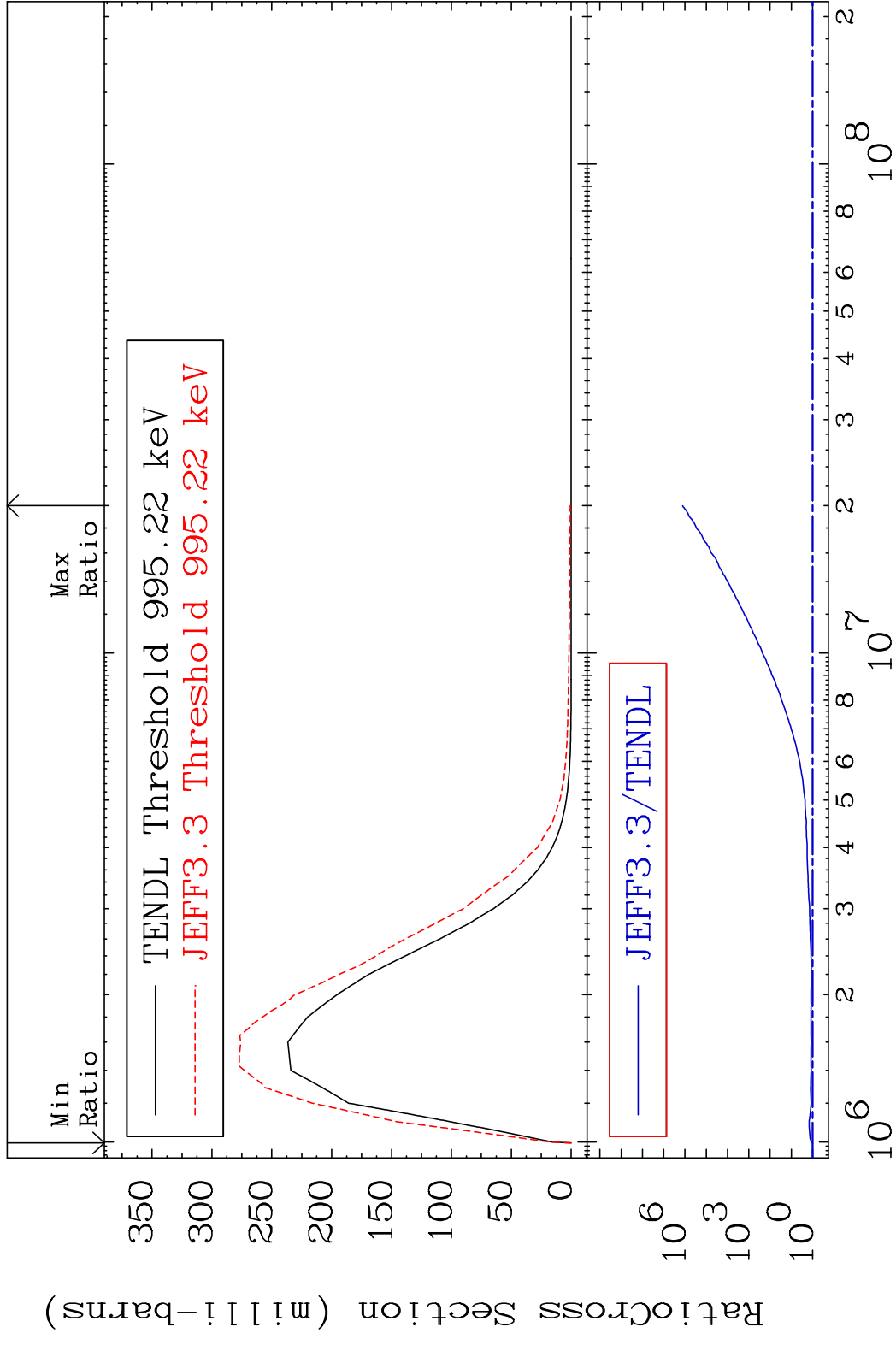
MAT 5034 MT= 52 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



MAT 5034 MT= 53 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %

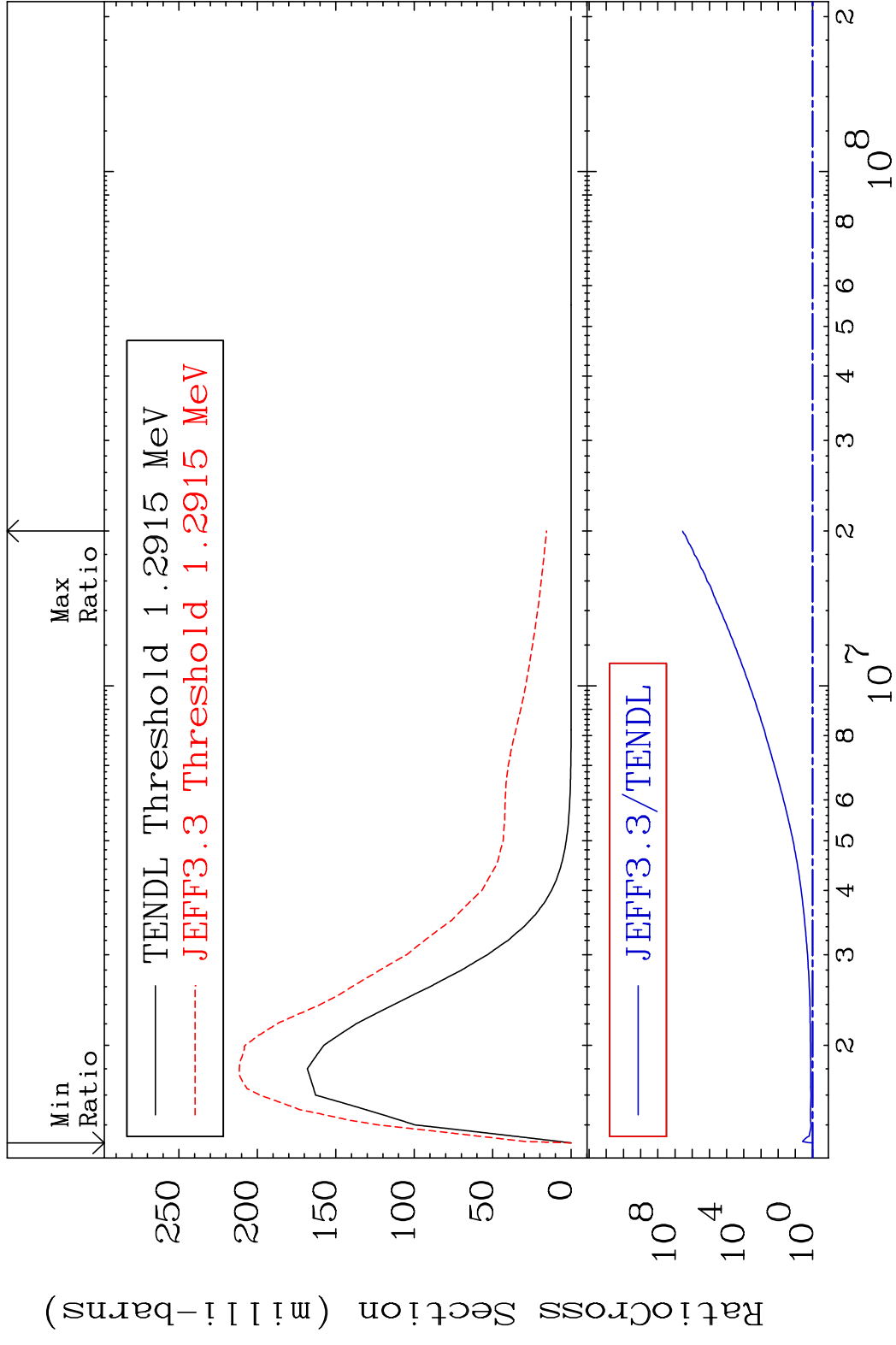


MAT 5034 MT= 54 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %

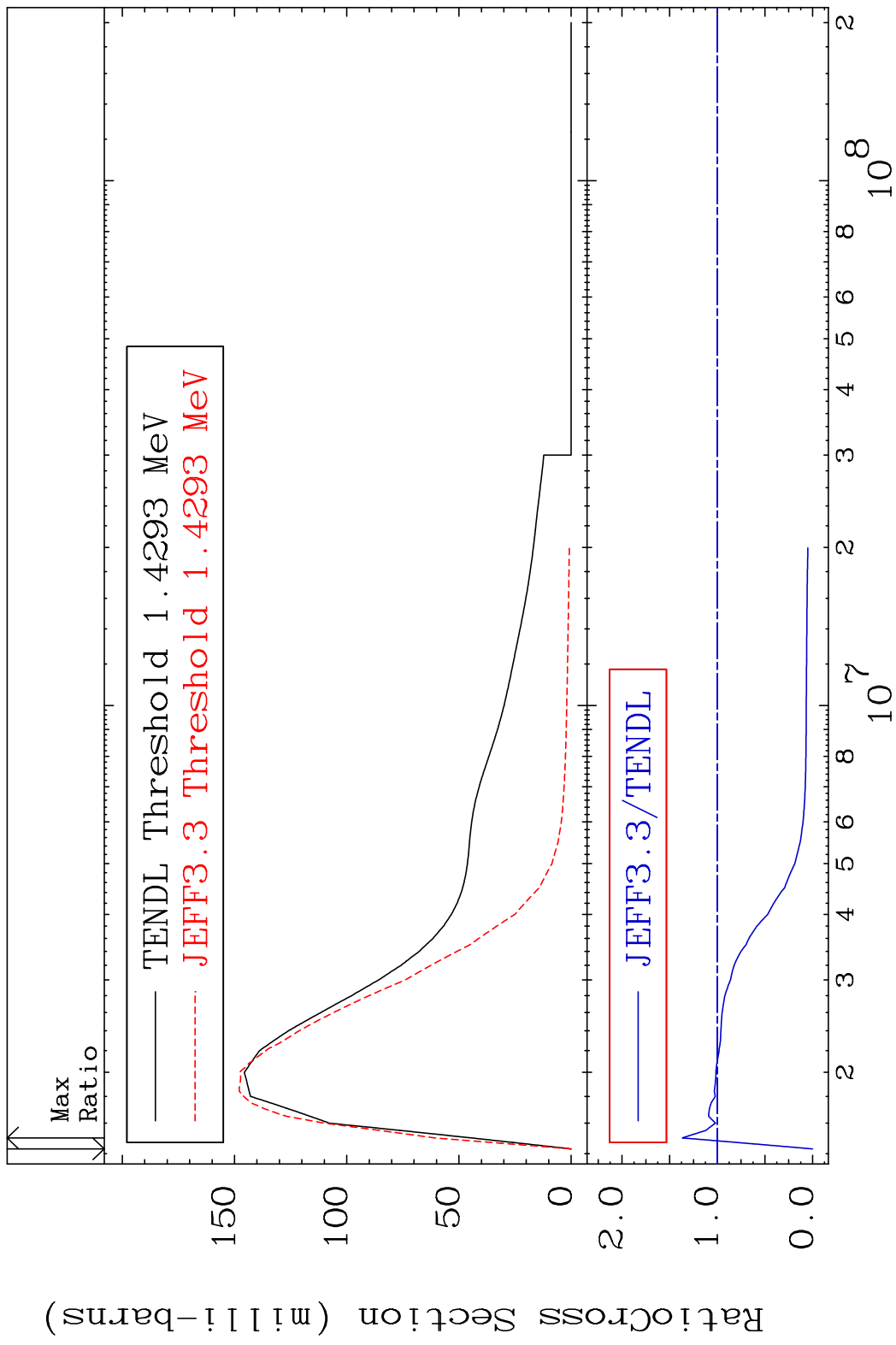


14 Incident Energy (eV) 50-Sn-115

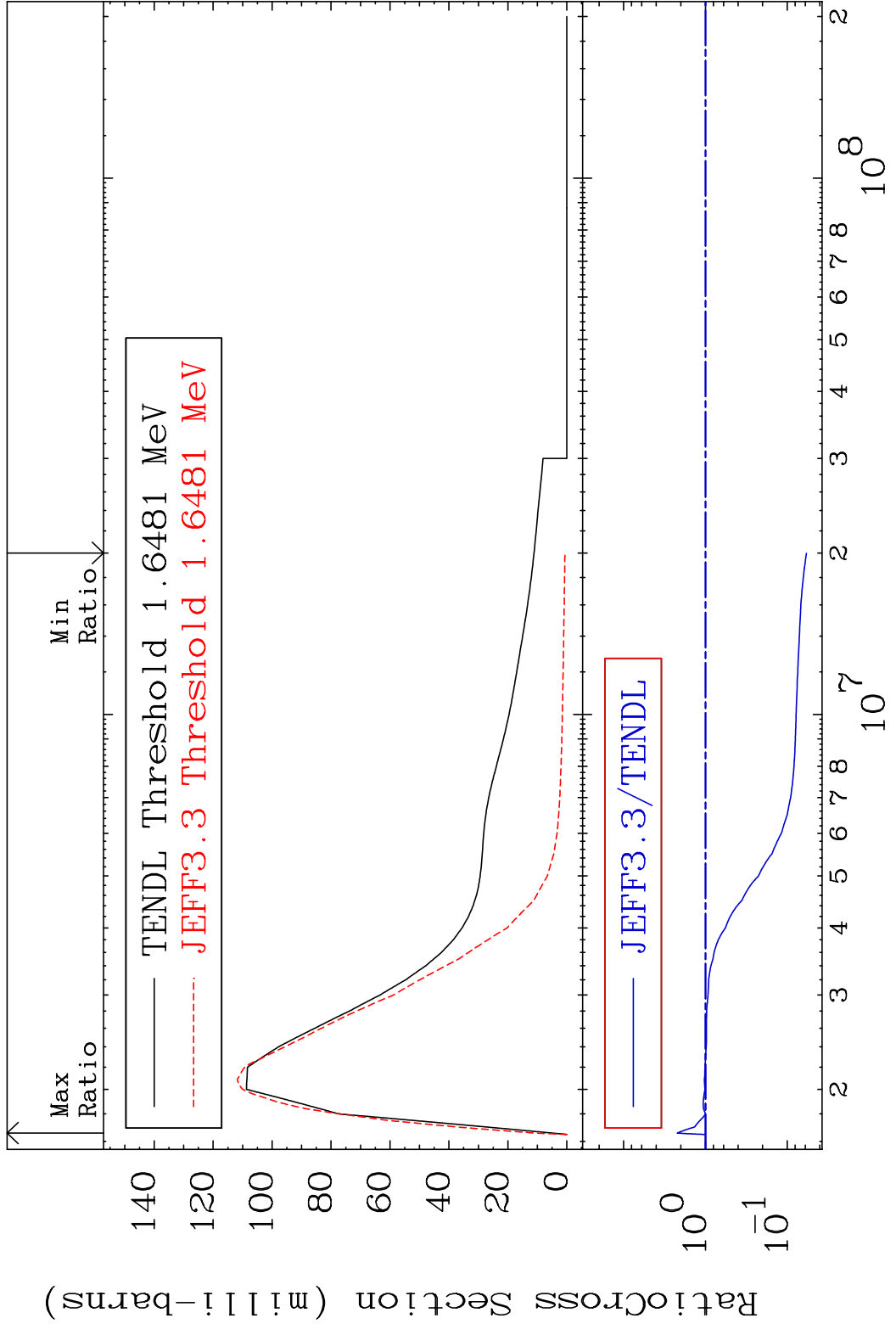
MAT 5034 MT= 55 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



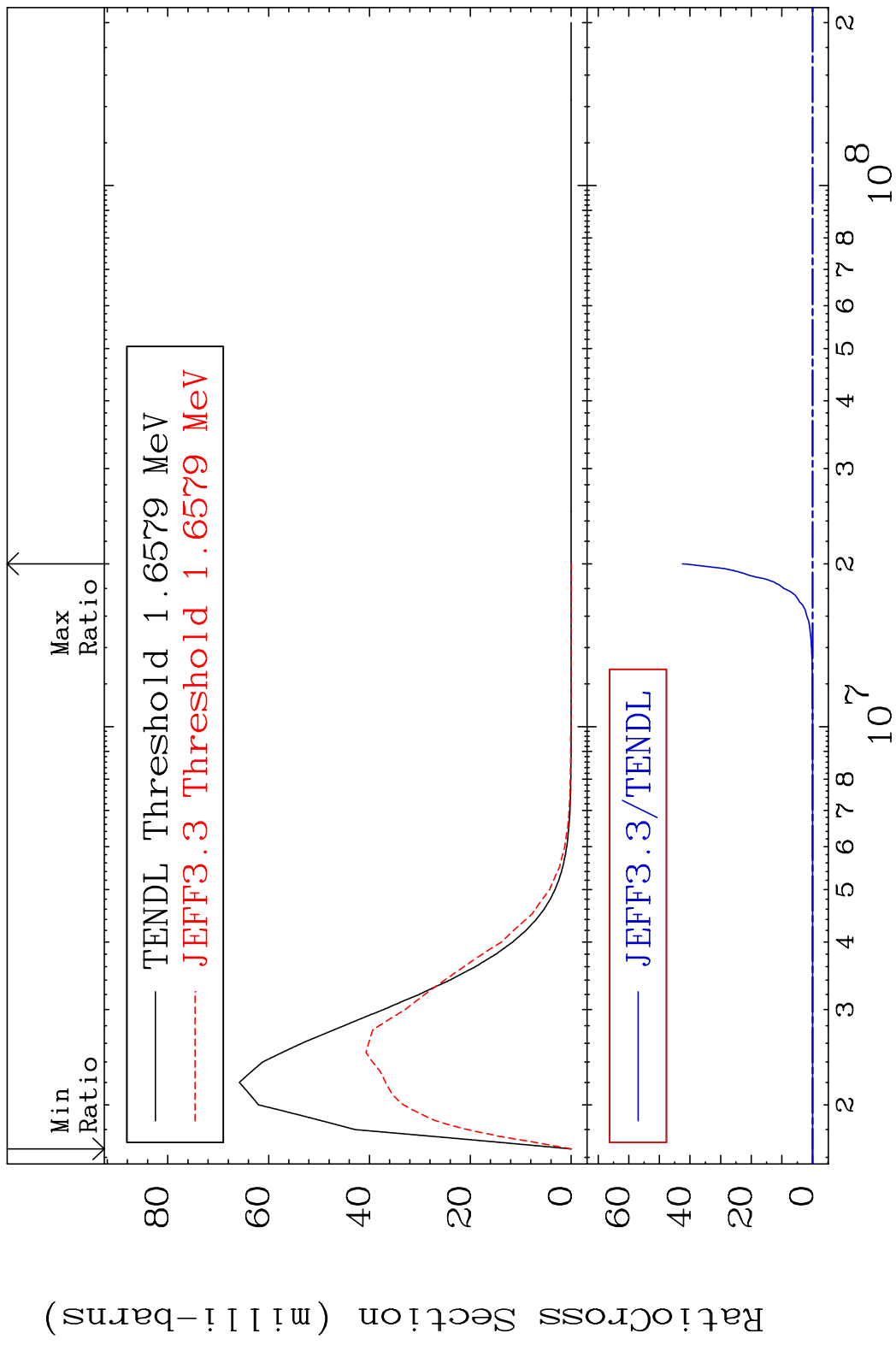
MAT 5034 MT= 56 (n,n') Level 50-Sn-115
 Cross Section -100.0 To 36.67 %



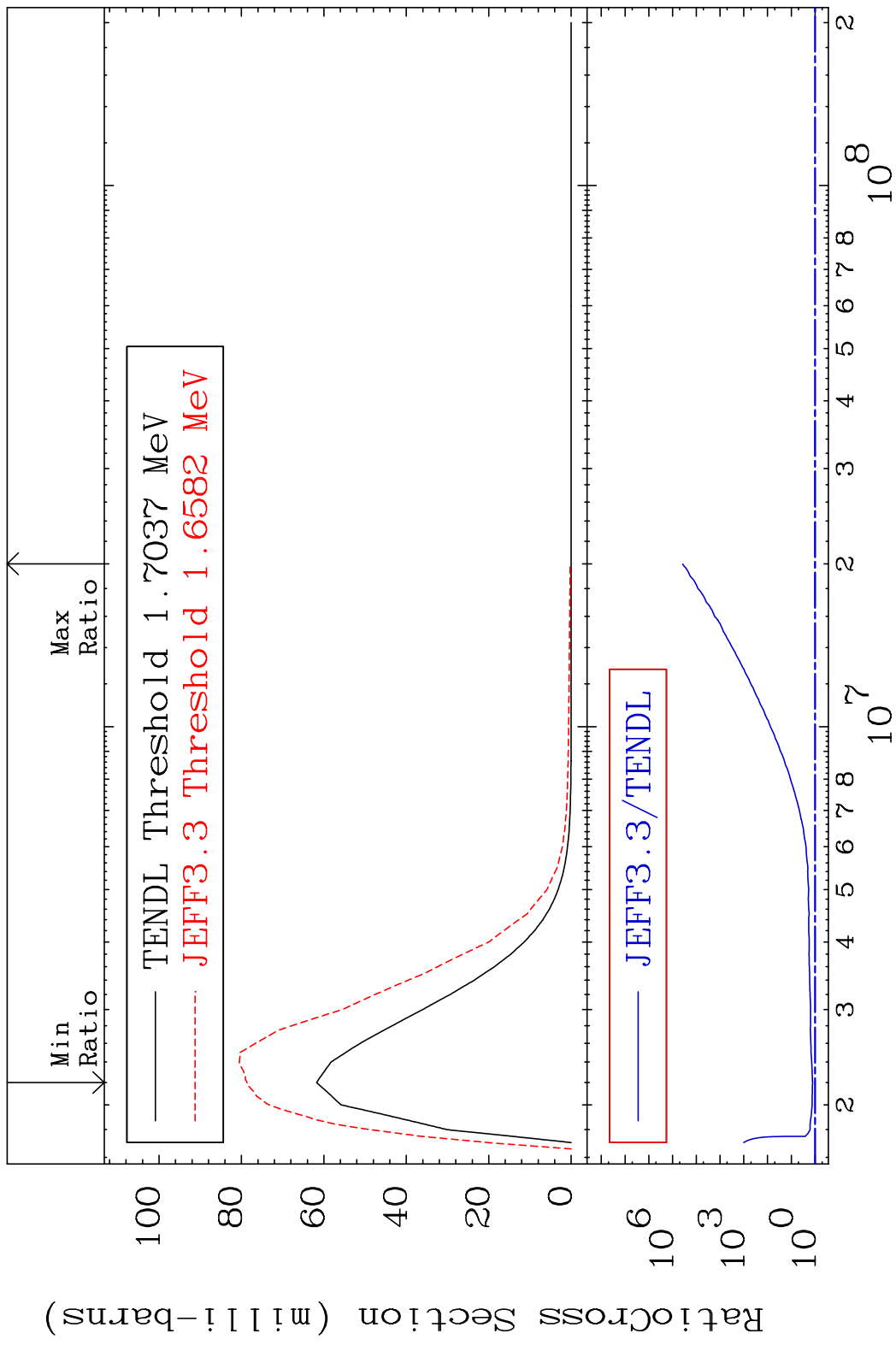
MAT 5034 MT= 57 (n,n') Level 50-Sn-115
 Cross Section -94.17 To 121.6 %



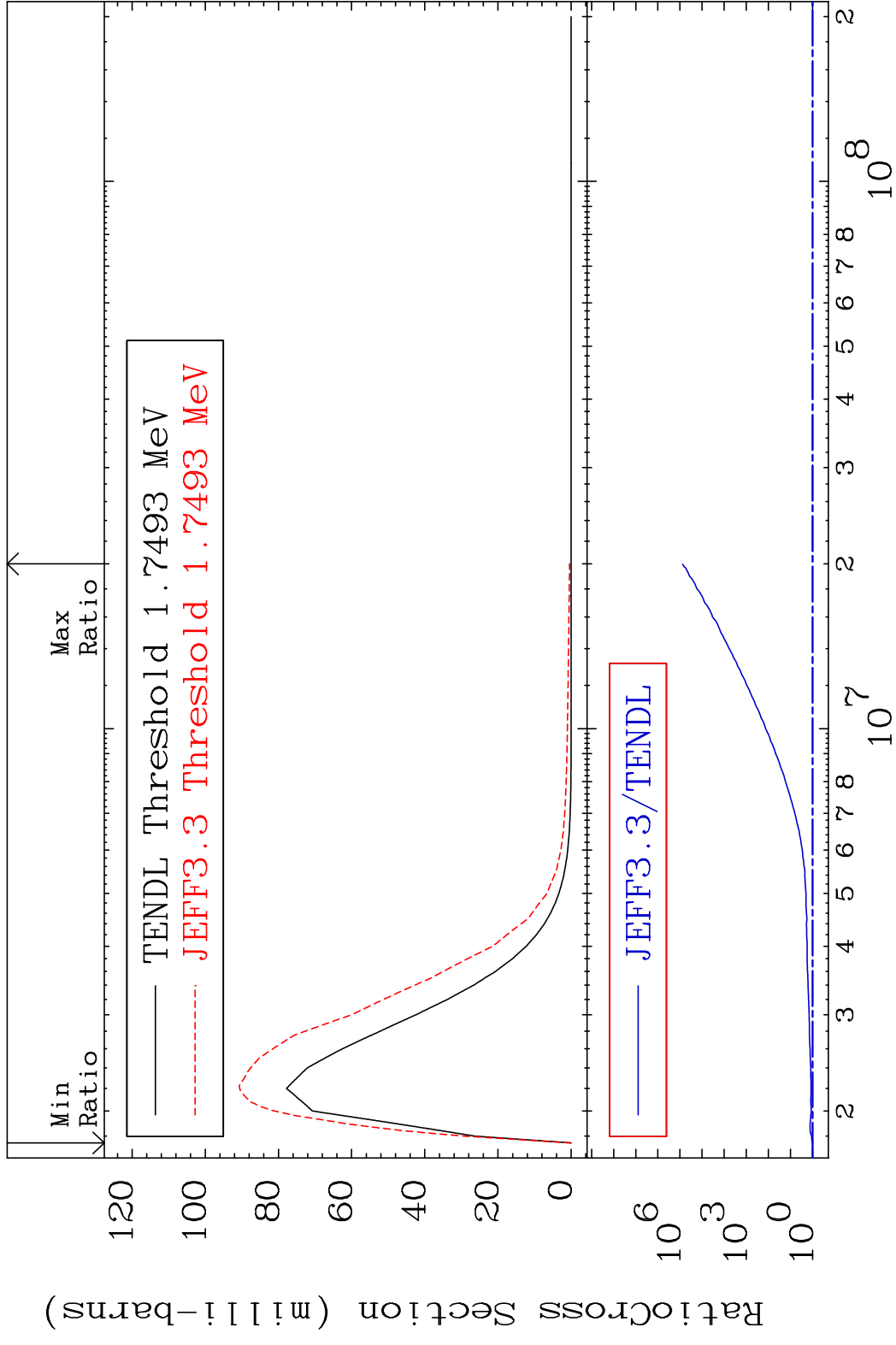
MAT 5034 MT= 58 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



MAT 5034 MT= 59 (n, n') Level 50-Sn-115
 Cross Section 27.29 To 9999. %

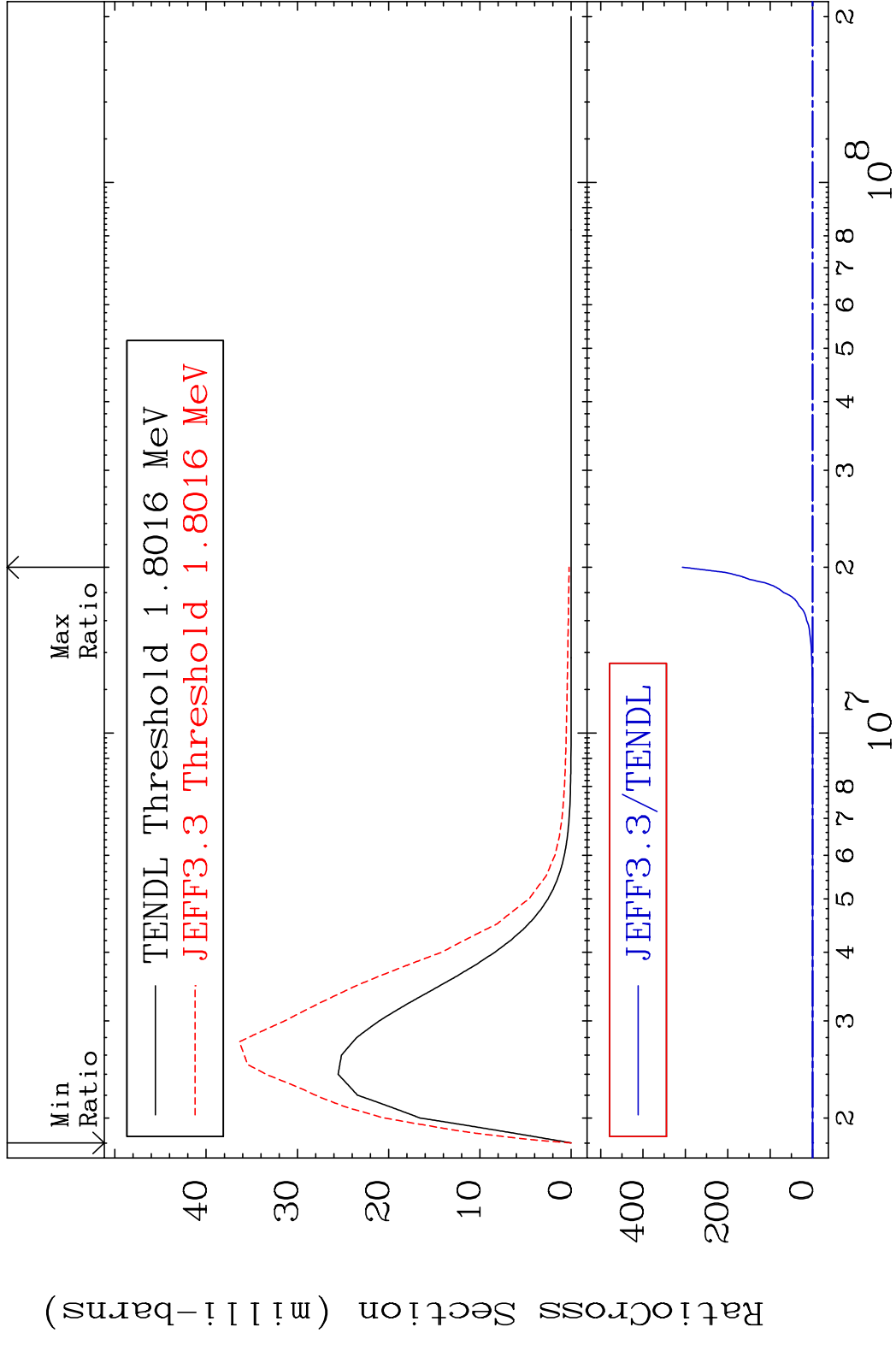


MAT 5034 MT= 60 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %

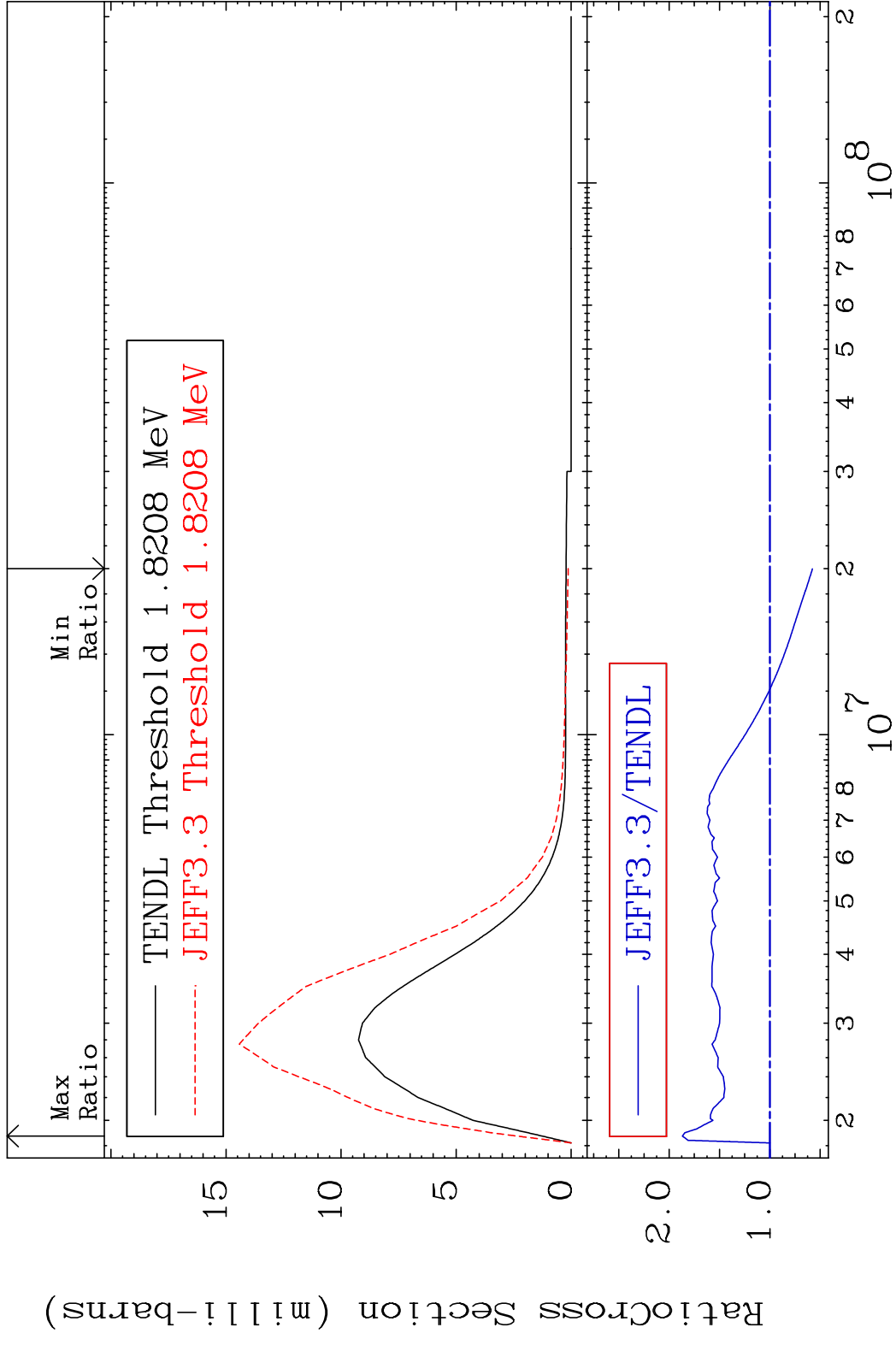


20 Incident Energy (eV) 50-Sn-115

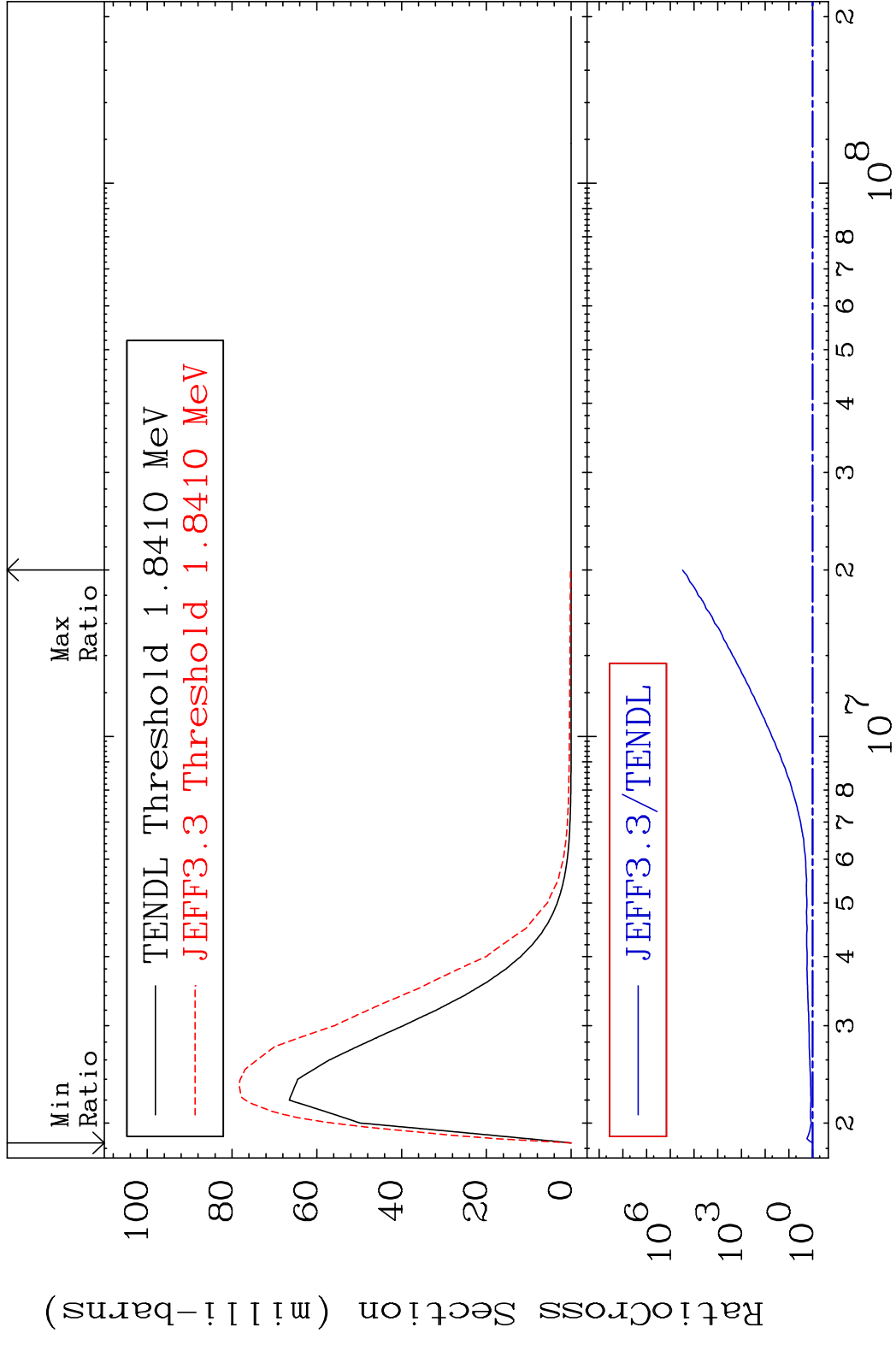
MAT 5034 MT= 61 (n, n') Level 50-Sn-115
 Cross Section -100.0 To 9999. %



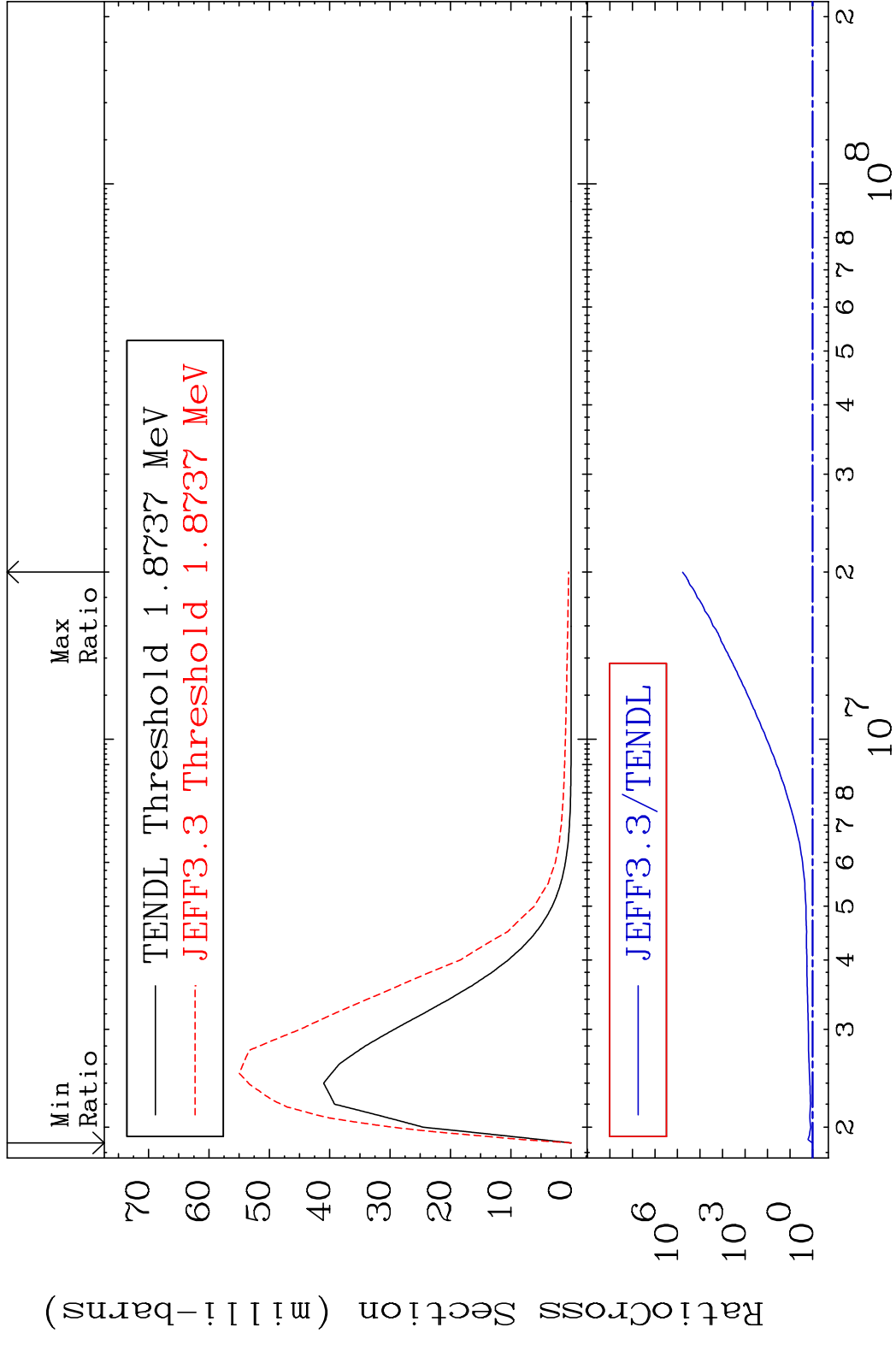
MAT 5034 MT= 62 (n,n') Level 50-Sn-115
 Cross Section -42.40 To 86.89 %



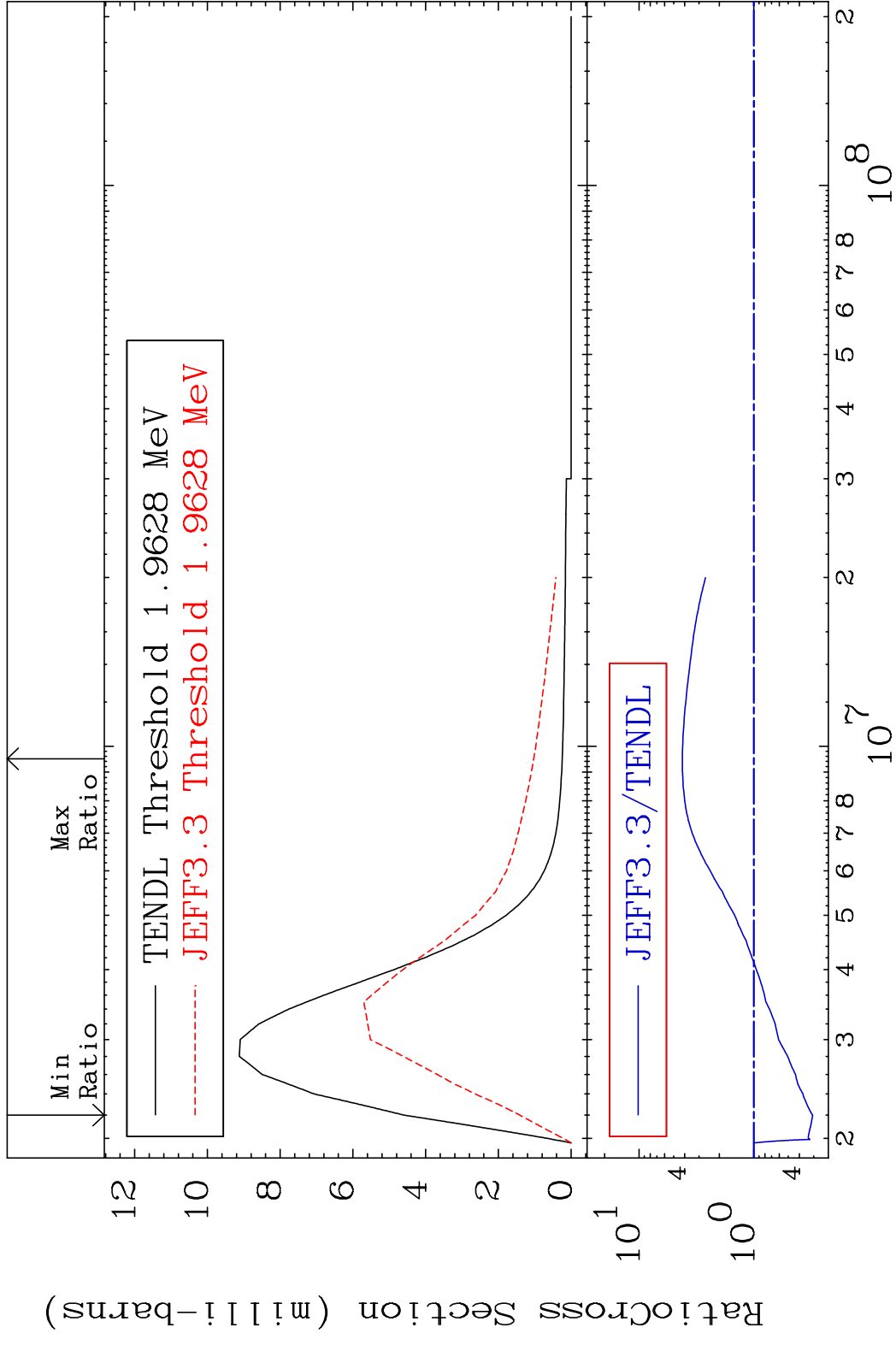
MAT 5034 MT= 63 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



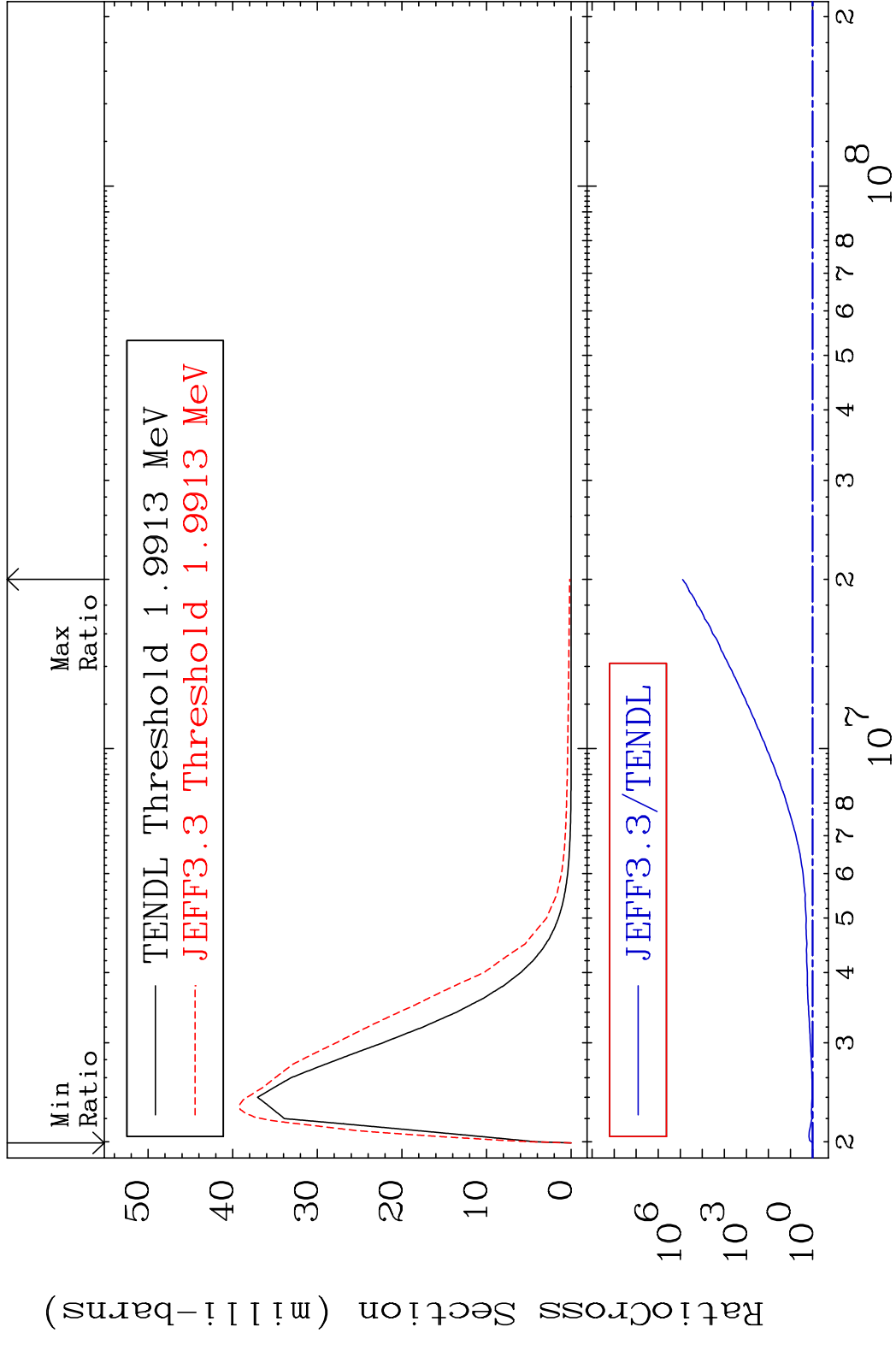
MAT 5034 MT= 64 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



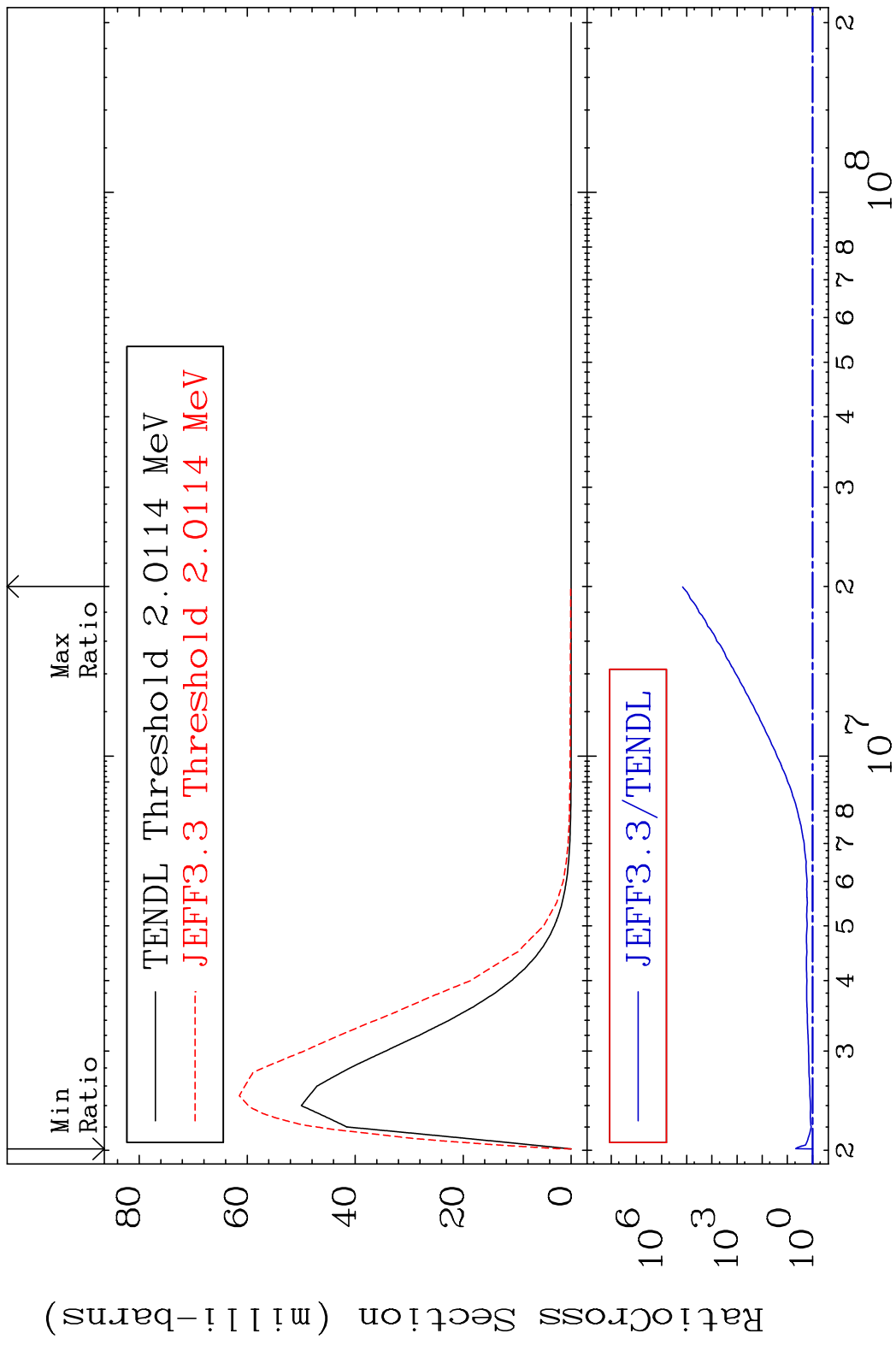
MAT 5034 MT= 65 (n,n') Level 50-Sn-115
 Cross Section -69.29 To 319.6 %



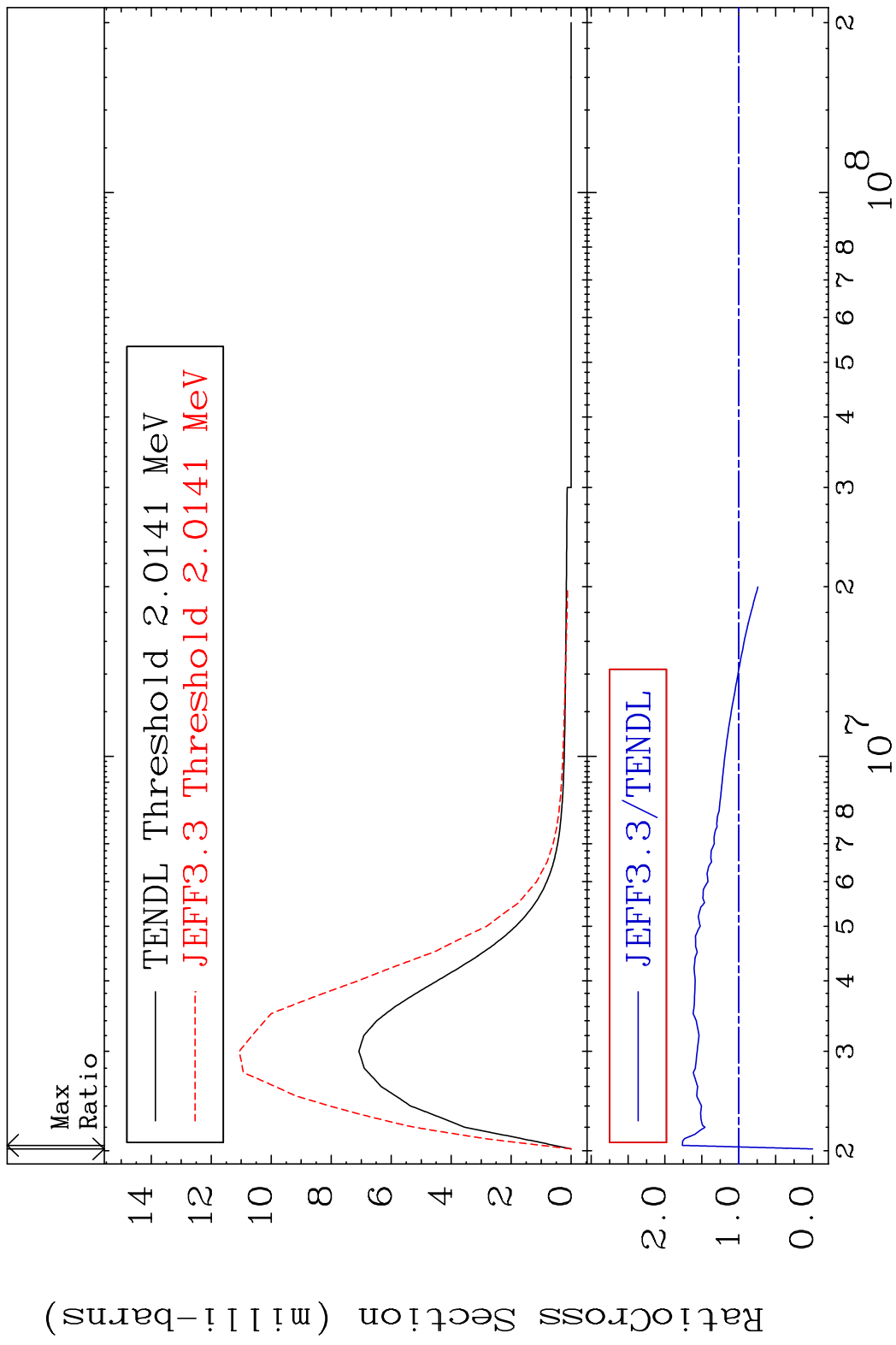
MAT 5034 MT= 66 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



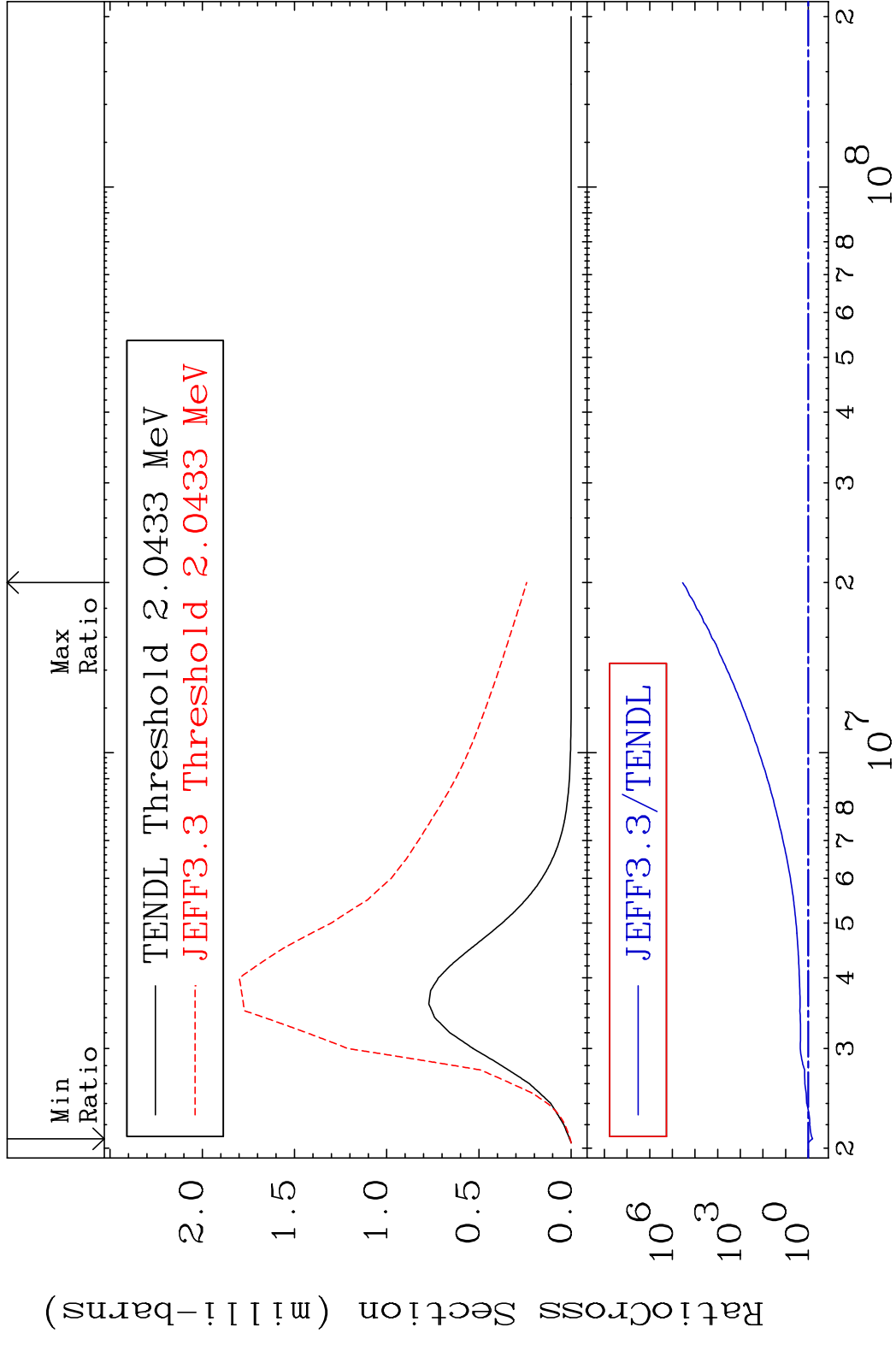
MAT 5034 MT= 67 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



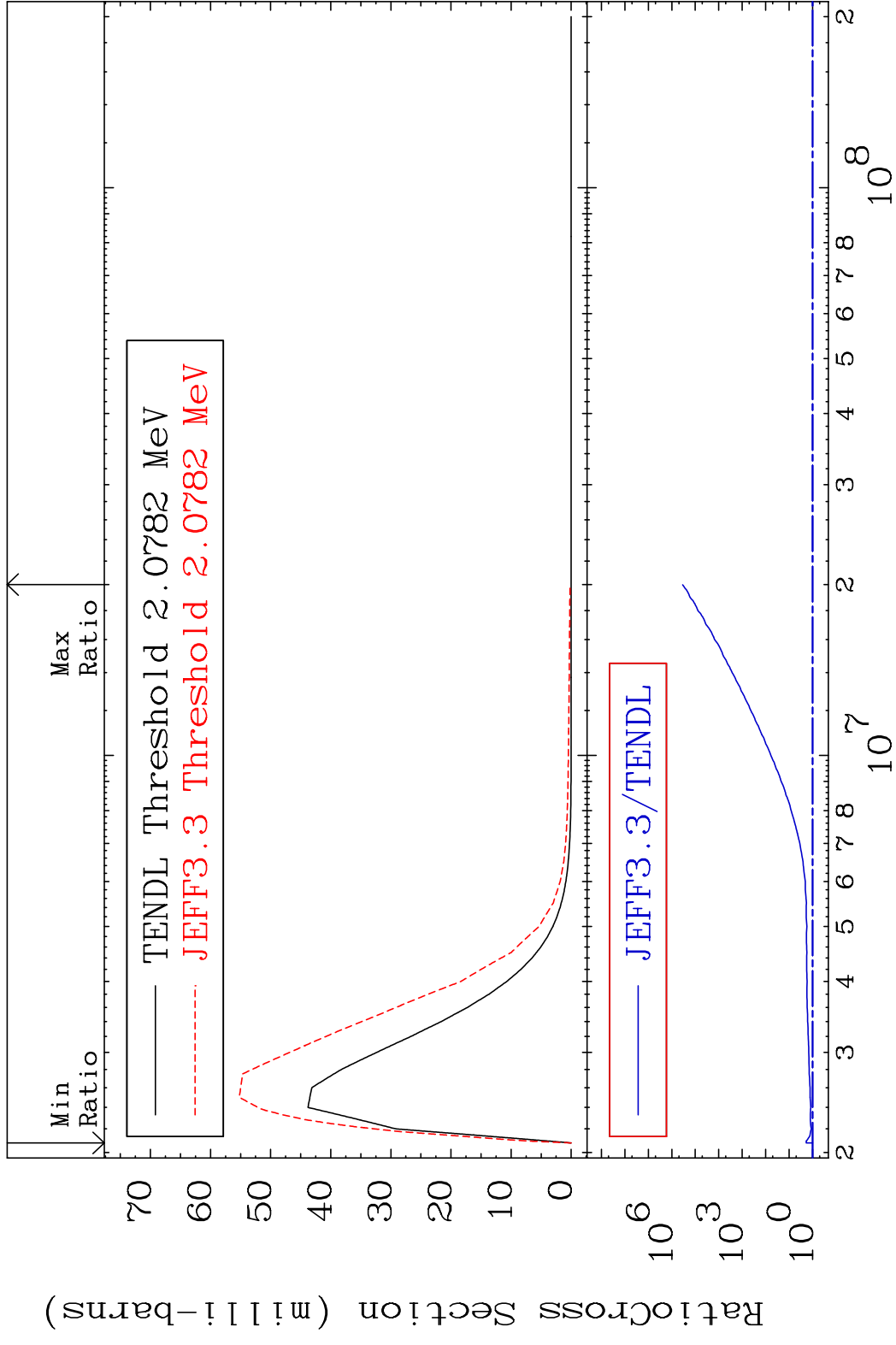
MAT 5034 MT= 68 (n,n') Level 50-Sn-115
 Cross Section -100.0 To 76.41 %



MAT 5034 MT= 69 (n, n') Level 50-Sn-115
 Cross Section -35.17 To 9999. %

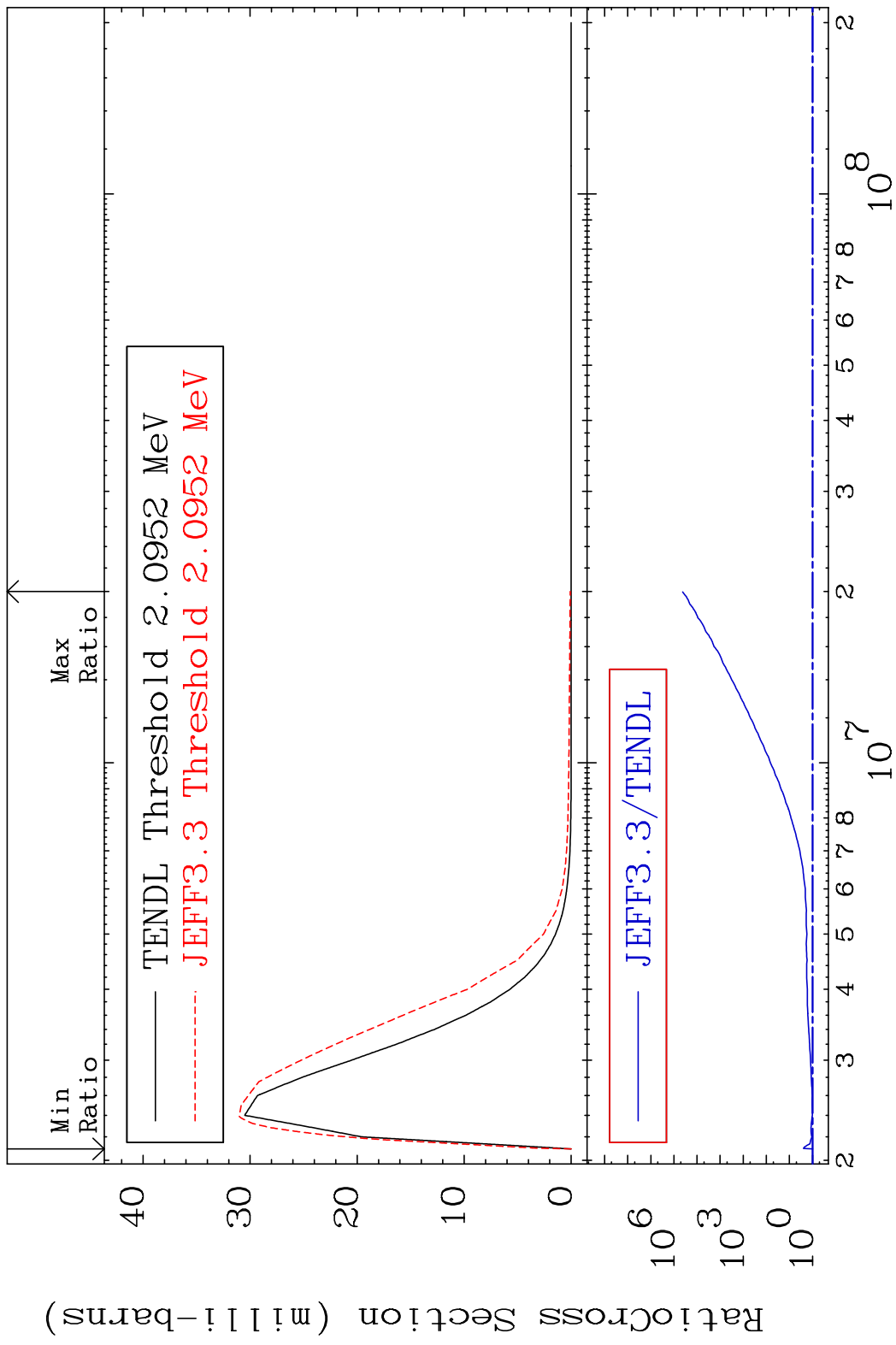


MAT 5034 MT= 70 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %



30 Incident Energy (eV) 50-Sn-115

MAT 5034 MT= 71 (n, n') Level 50-Sn-115
 Cross Section 0.000 To 9999. %

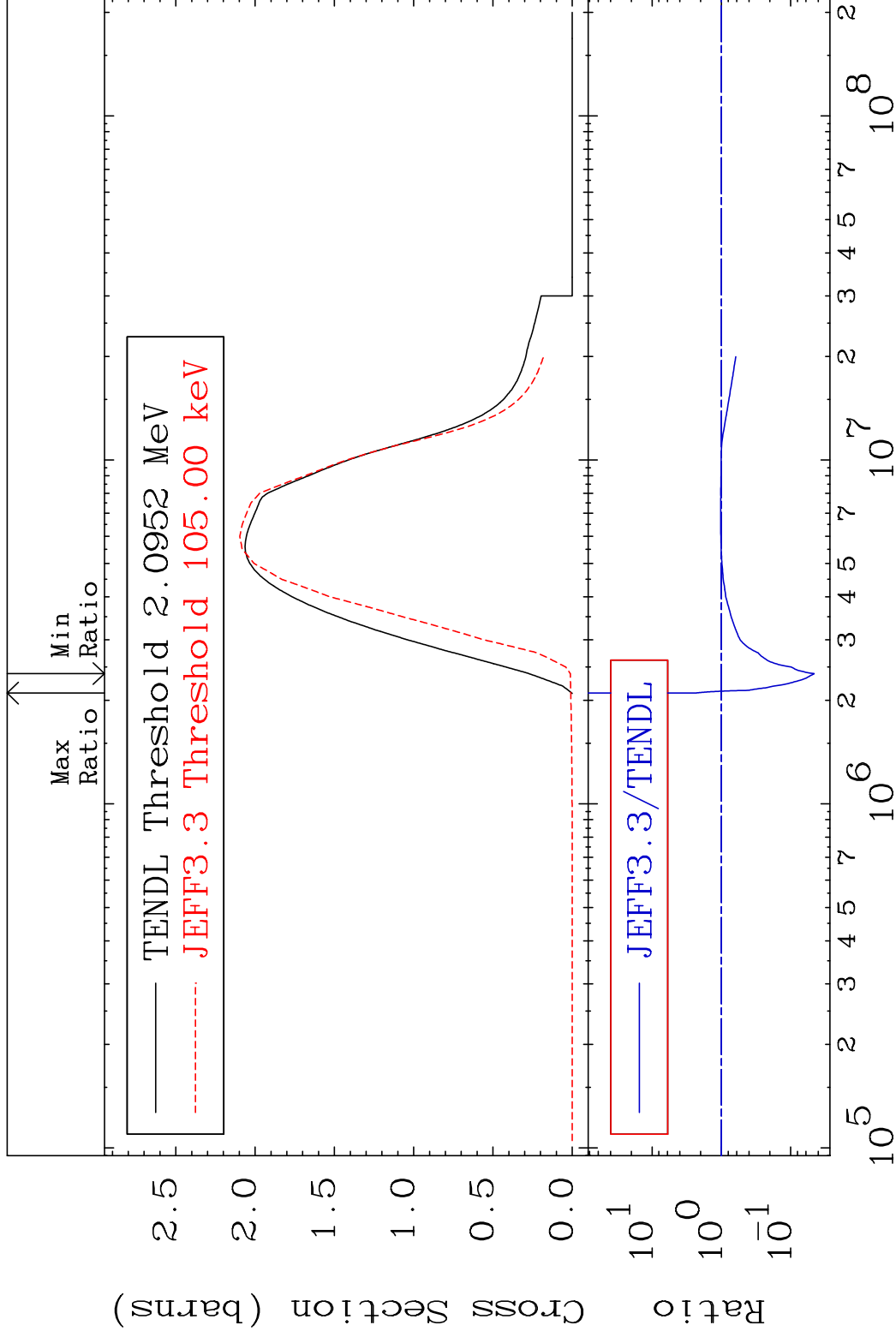


MAT 5034

(n, n') Continuum

50-Sn-115

Cross Section -95.41 To 251.2 %



32

Incident Energy (eV)

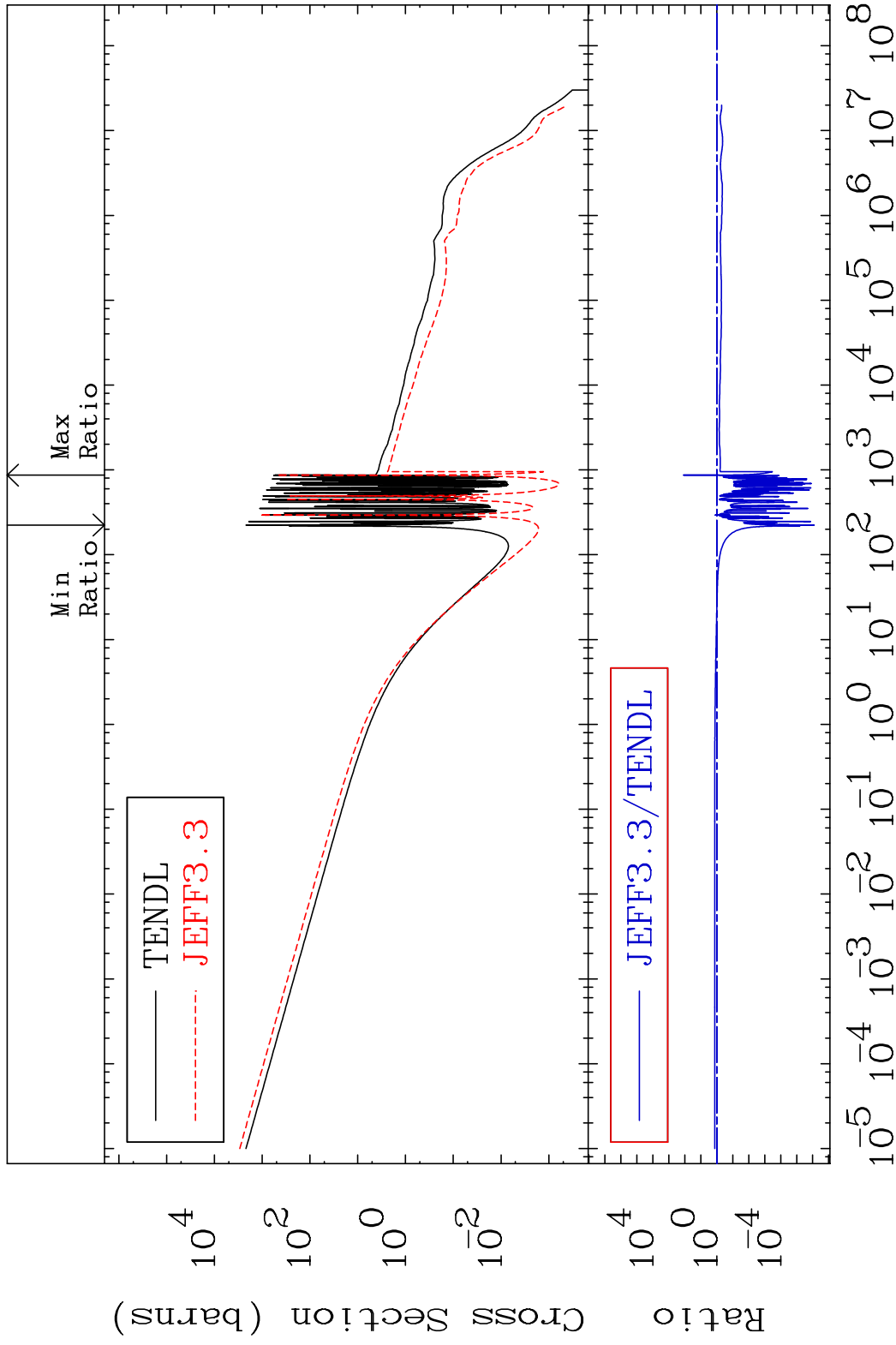
50-Sn-115

MAT 5034

(n, γ)

50-Sn-115

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

50-Sn-115

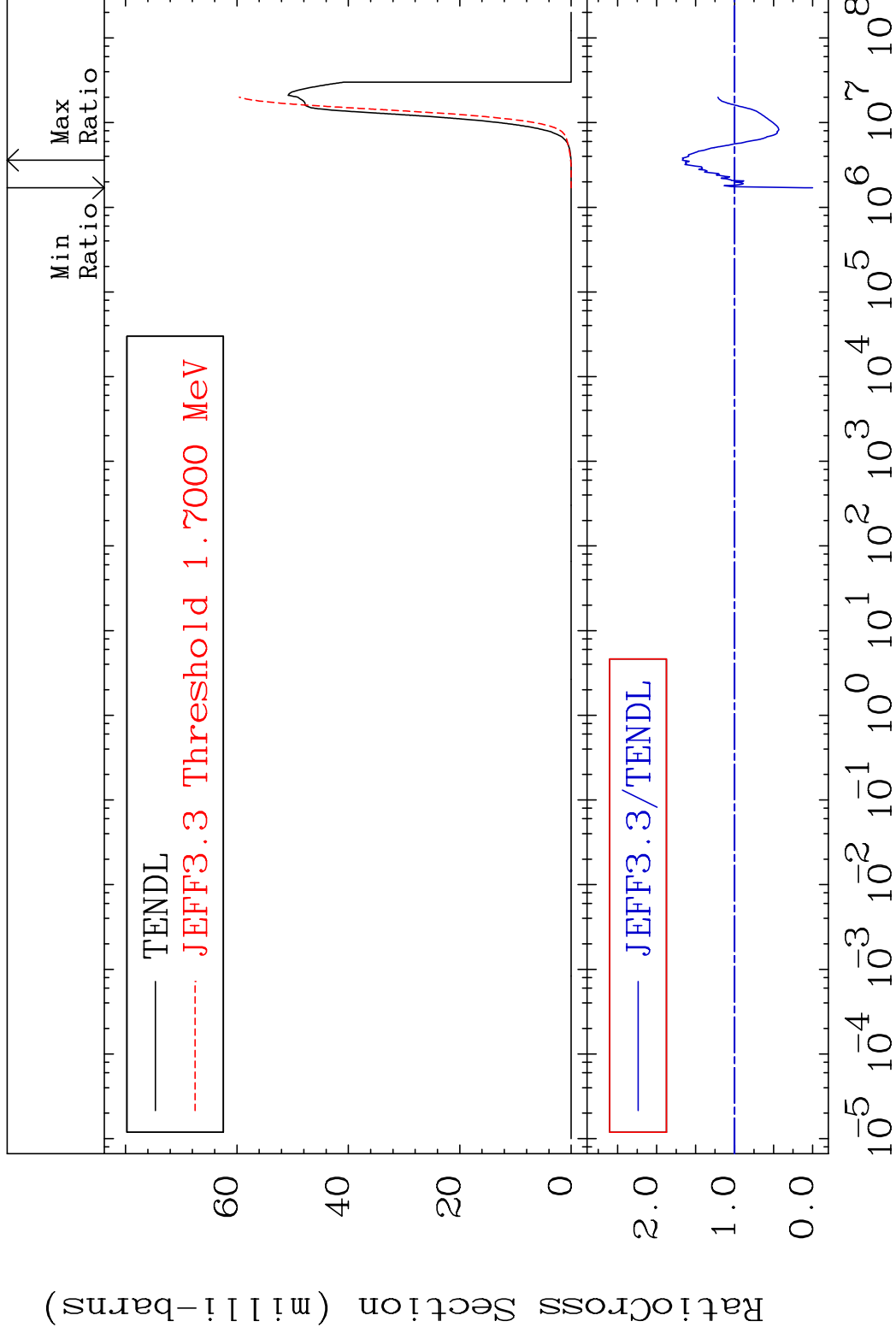
MAT 5034

(n, p)

50-Sn-115

Cross Section

-100.0 To 67.01 %



34

Incident Energy (eV)

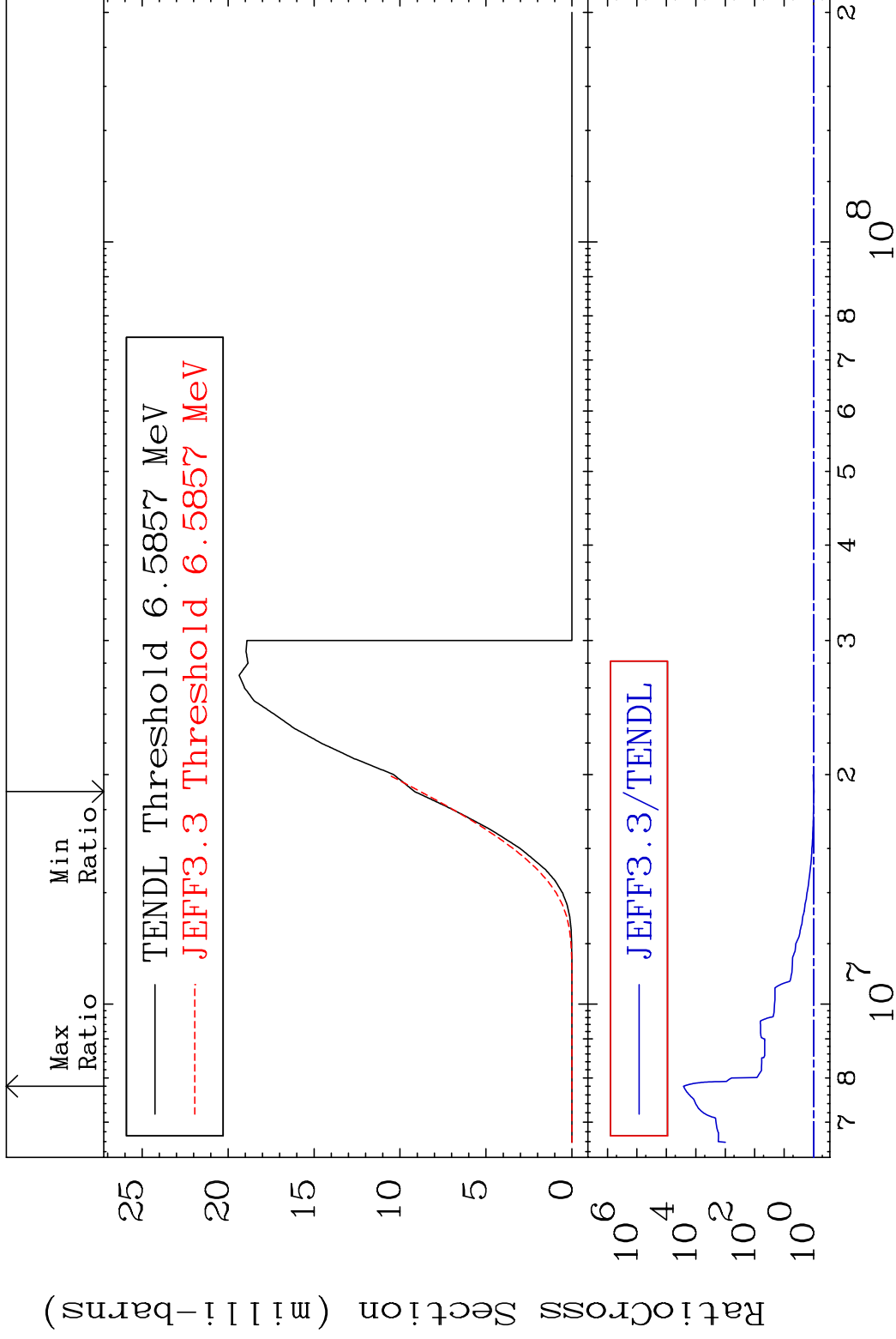
50-Sn-115

MAT 5034

(n,d)

50-Sn-115

Cross Section -3.719 To 9999. %



35

Incident Energy (eV)

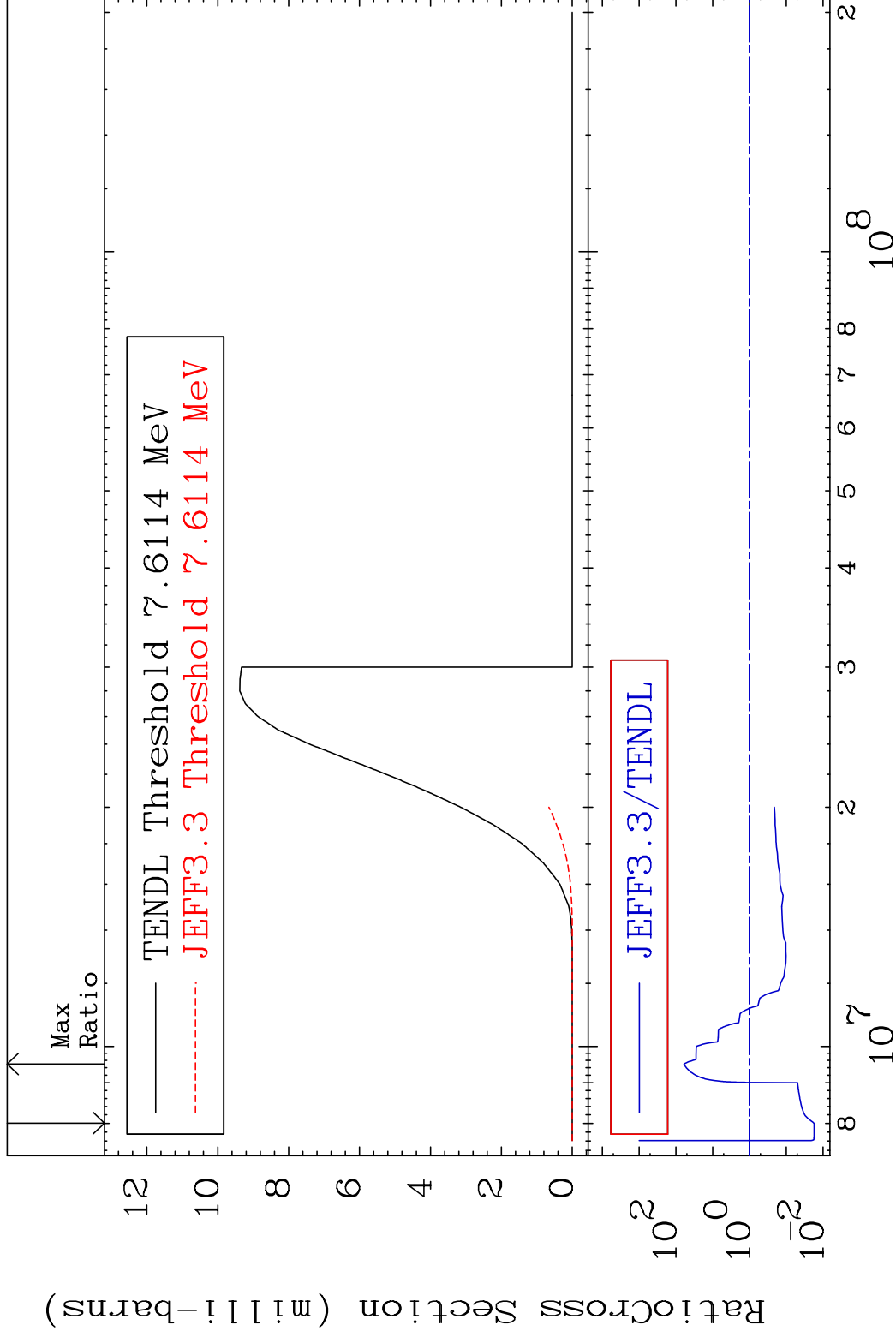
50-Sn-115

MAT 5034

(n, t)

50-Sn-115

Cross Section -98.25 To 6041. %



36

Incident Energy (eV)

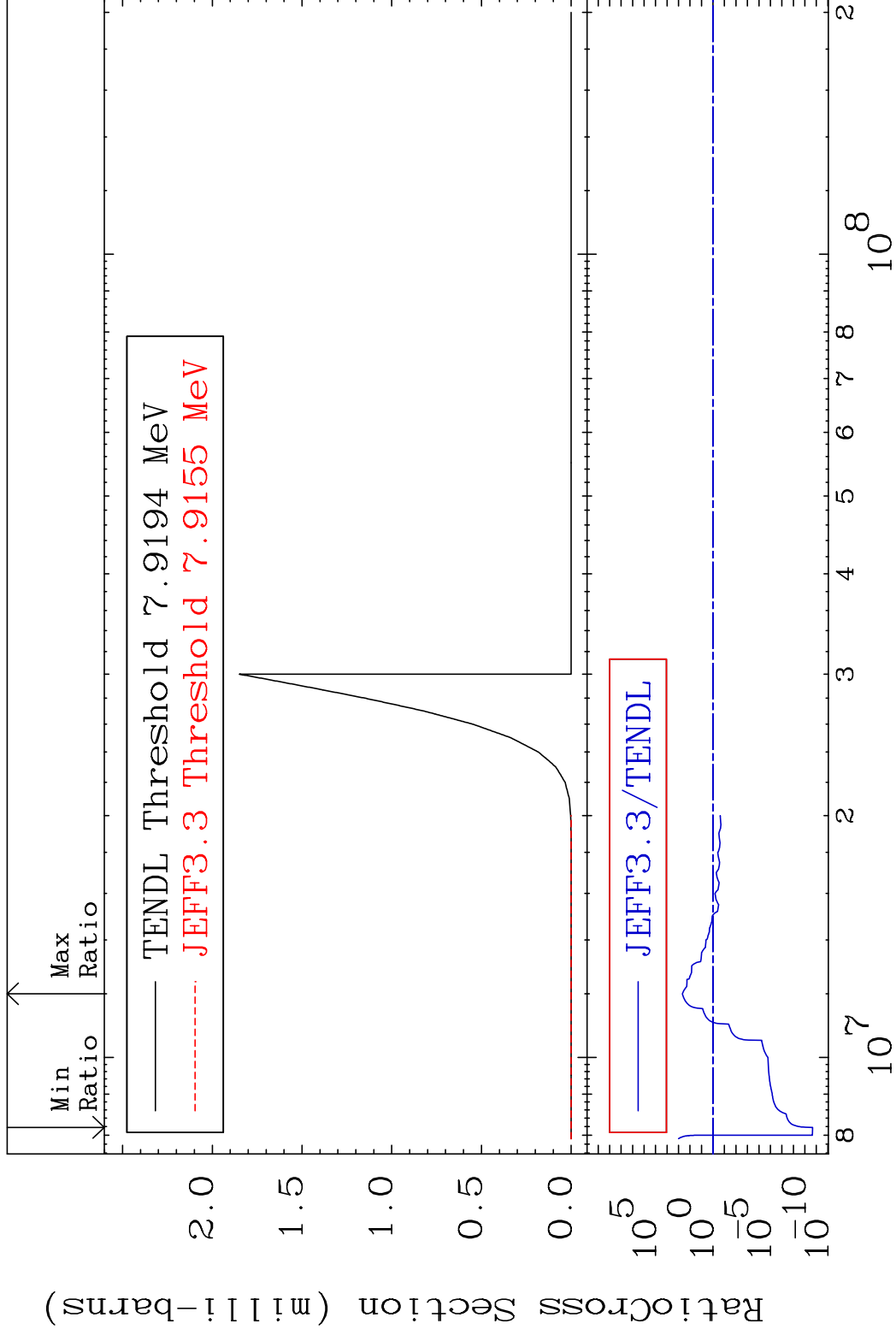
50-Sn-115

MAT 5034

(n, He-3)

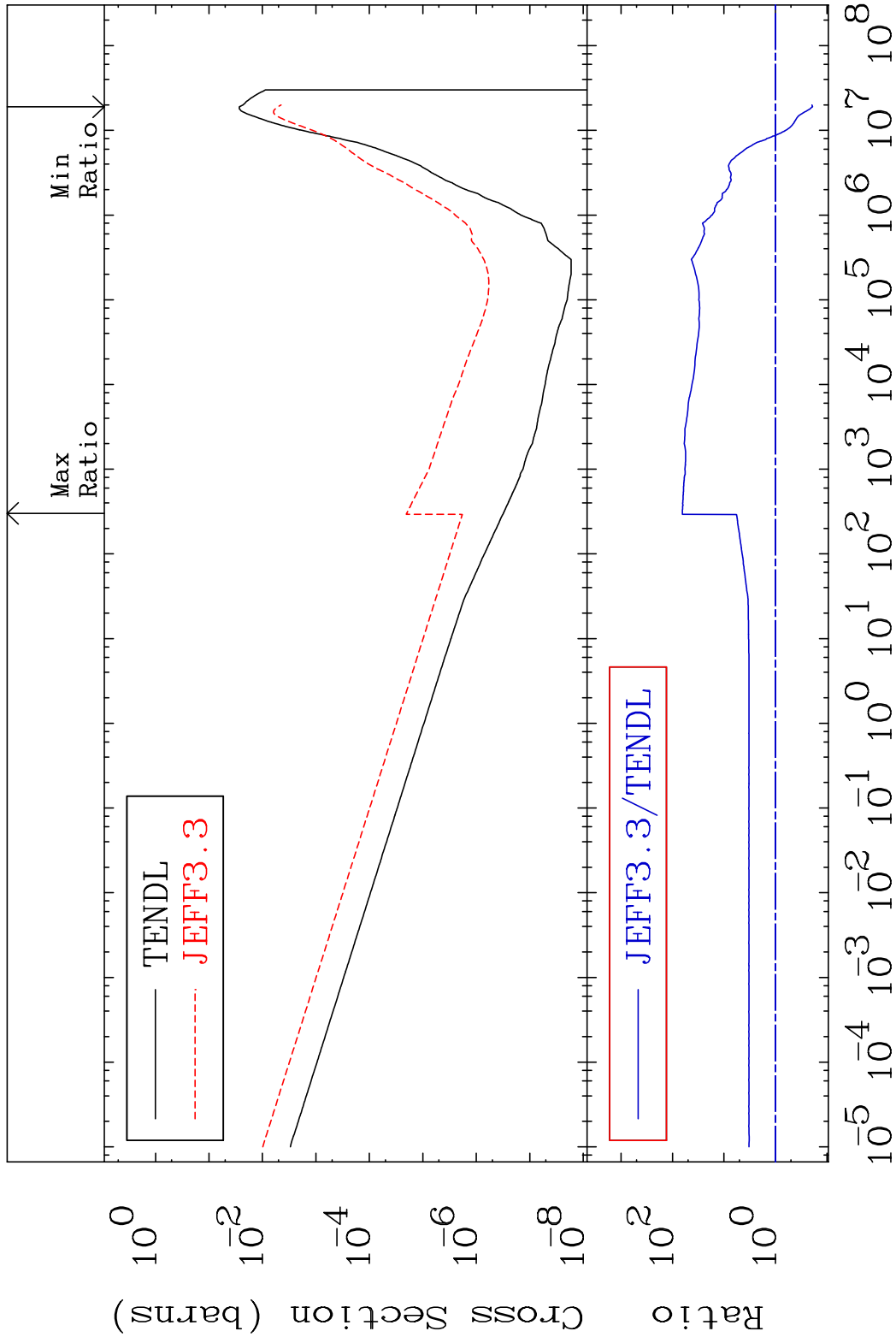
50-Sn-115

Cross Section -100.0 To 9999. %



MAT 5034

(n, α)
Cross Section -80.97 To 6332. %
50-Sn-115



38

Incident Energy (eV)

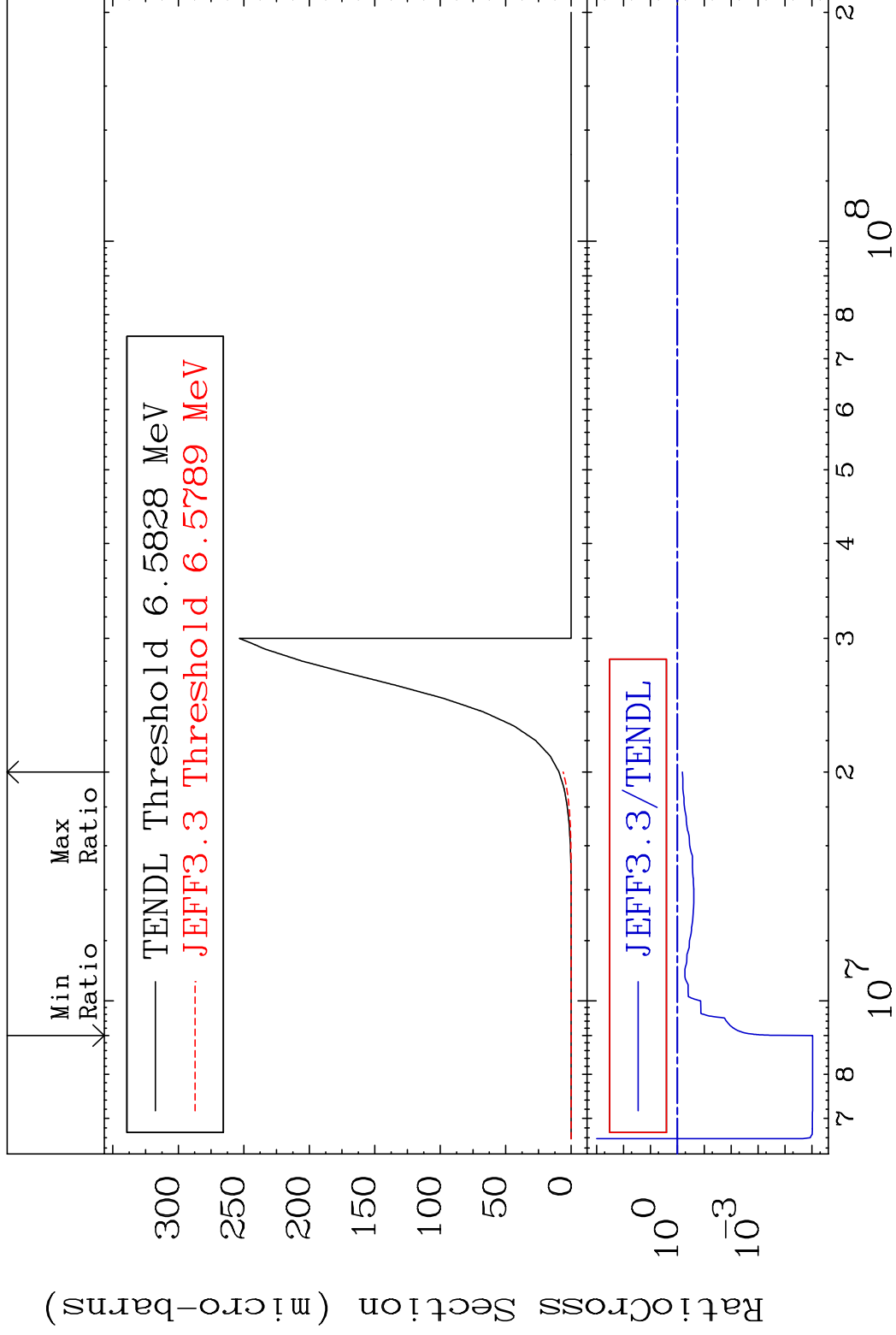
50-Sn-115

MAT 5034

(n,2p)

50-Sn-115

Cross Section -100.0 To -34.99%



39

Incident Energy (eV)

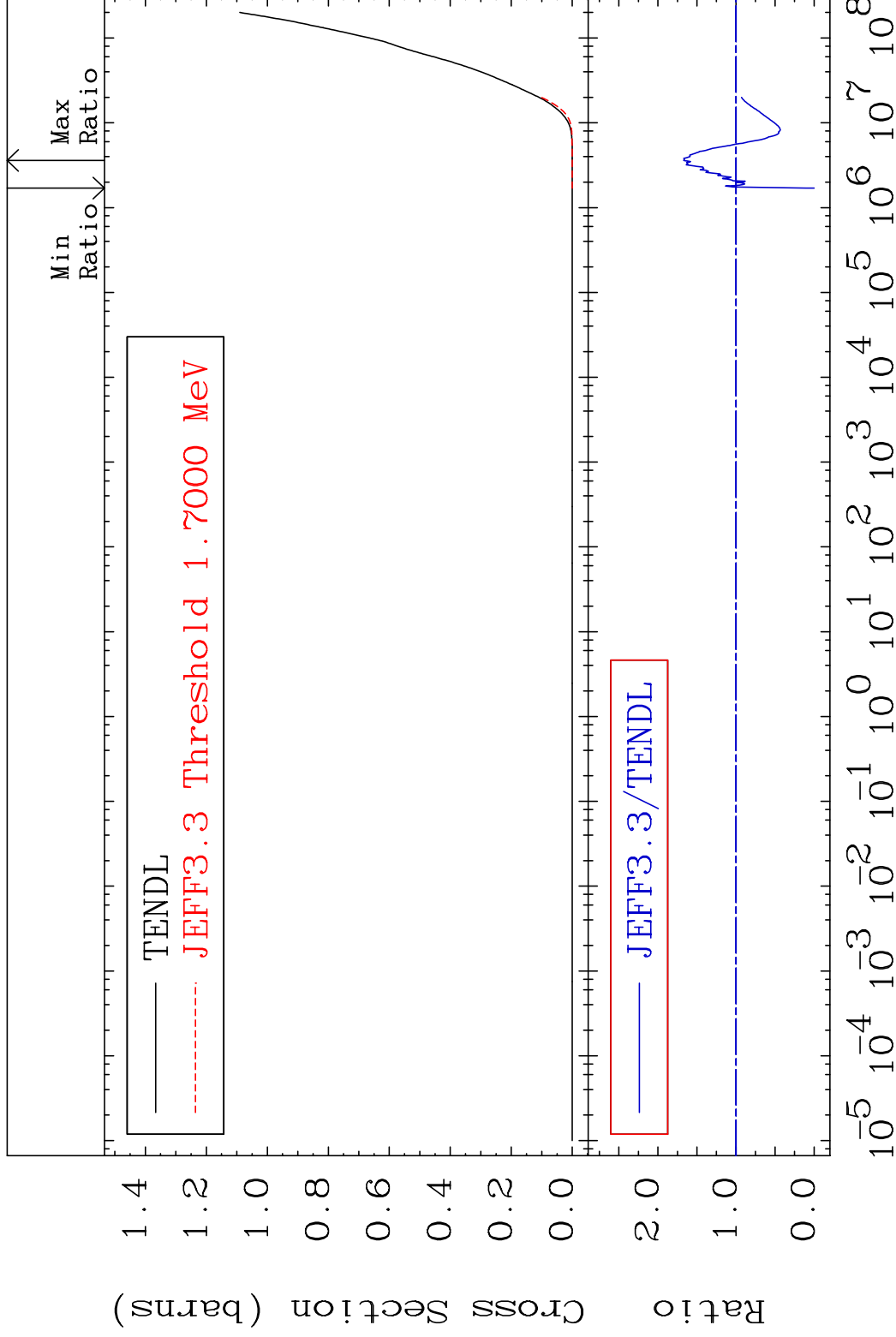
50-Sn-115

MAT 5034

Hydrogen Production

50-Sn-115

Cross Section -100.0 To 67.01 %



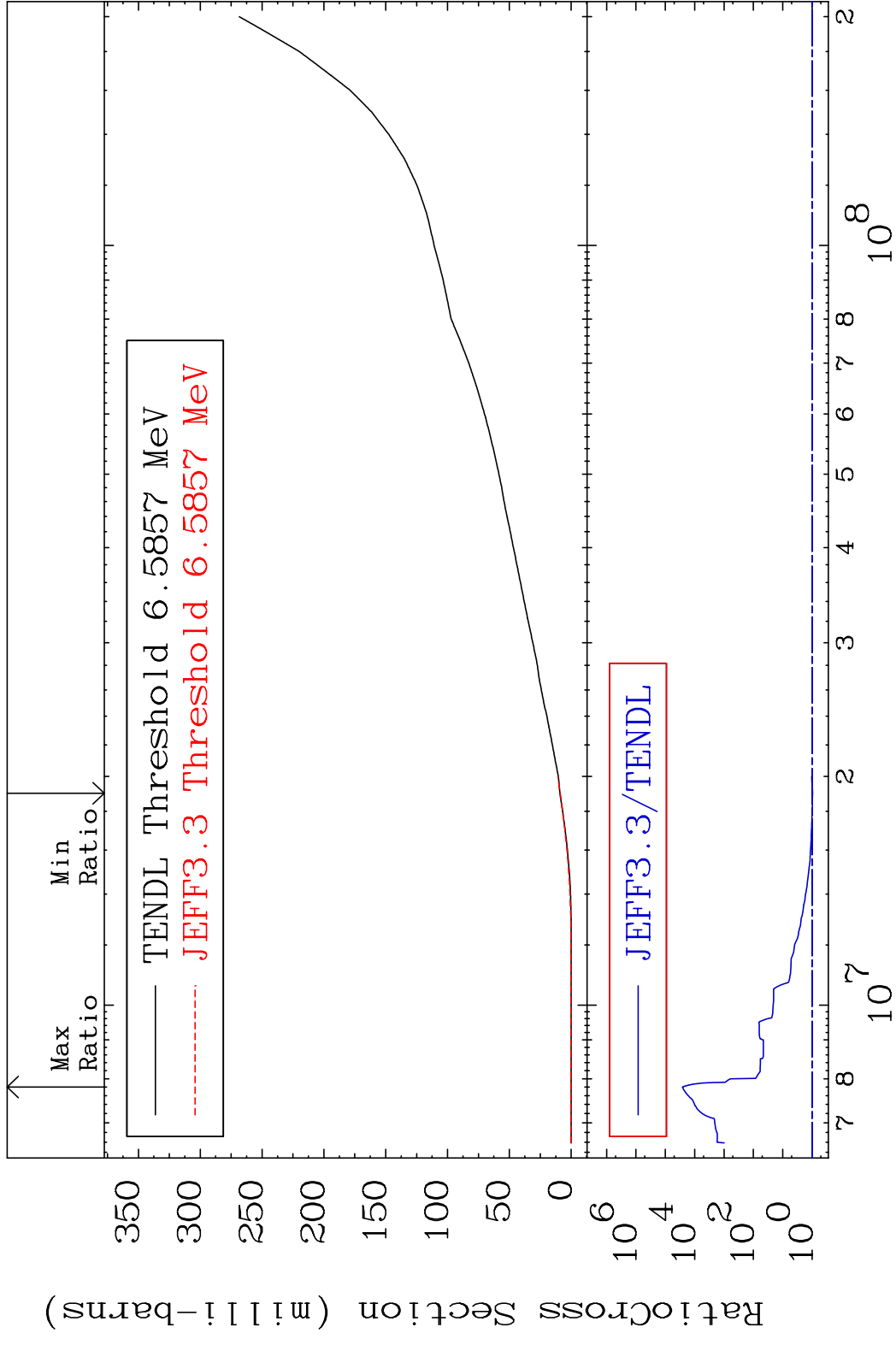
40

Incident Energy (eV)

50-Sn-115

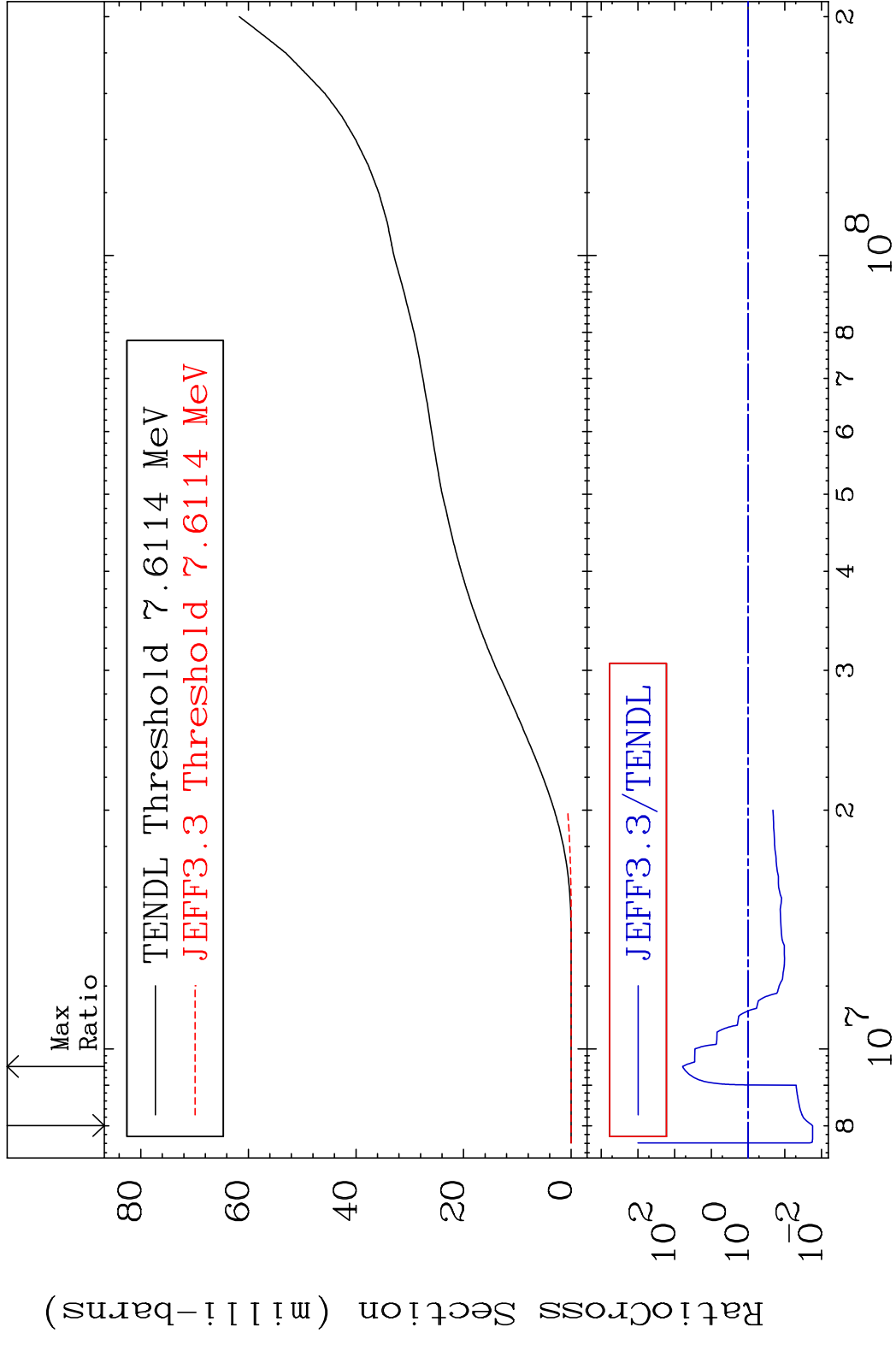
MAT 5034

Deuterium Production 50-Sn-115
Cross Section -3.592 To 9999. %



MAT 5034

Tritium Production 50-Sn-115
Cross Section -98.25 To 6041. %

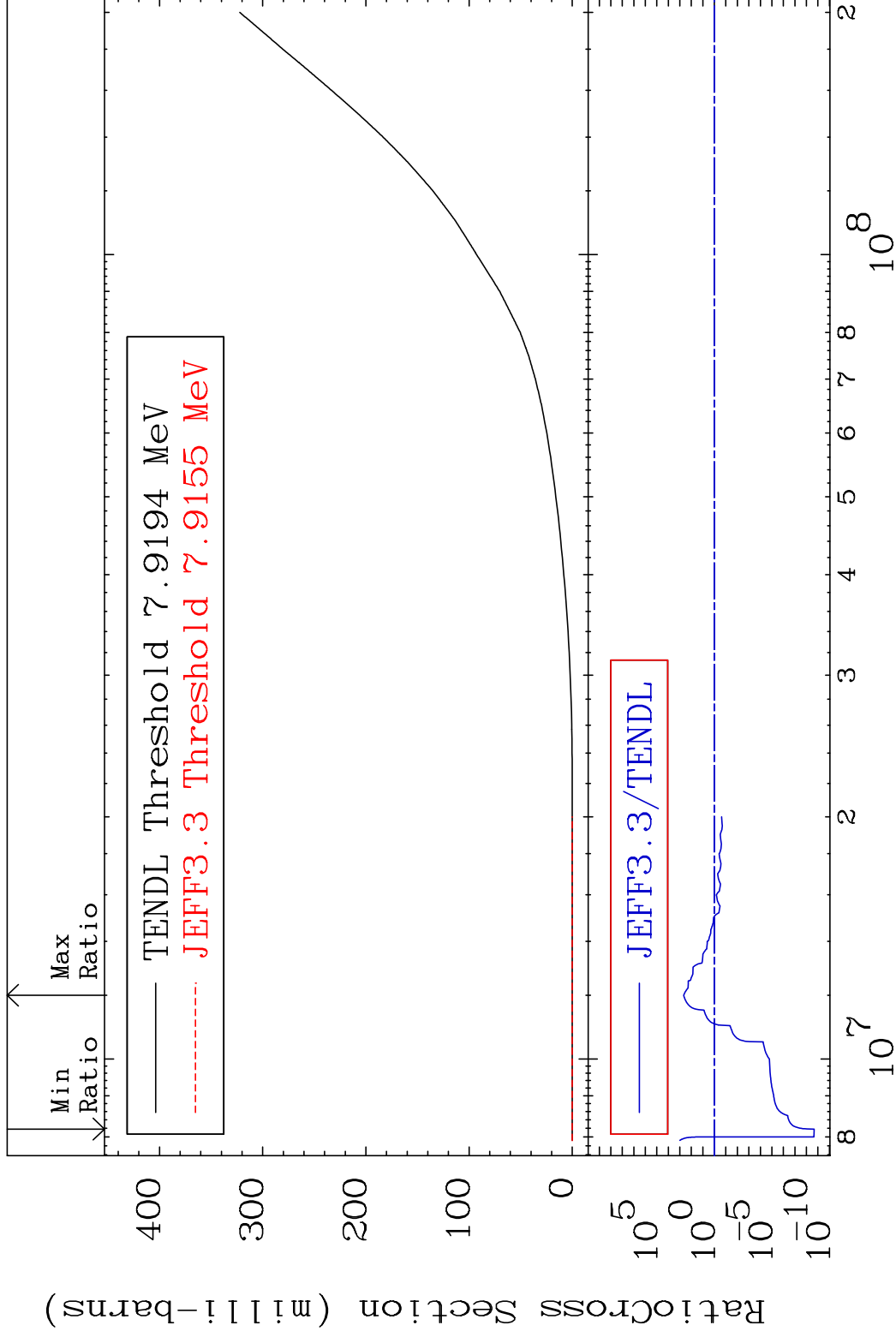


MAT 5034

He-3 Production

50-Sn-115

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

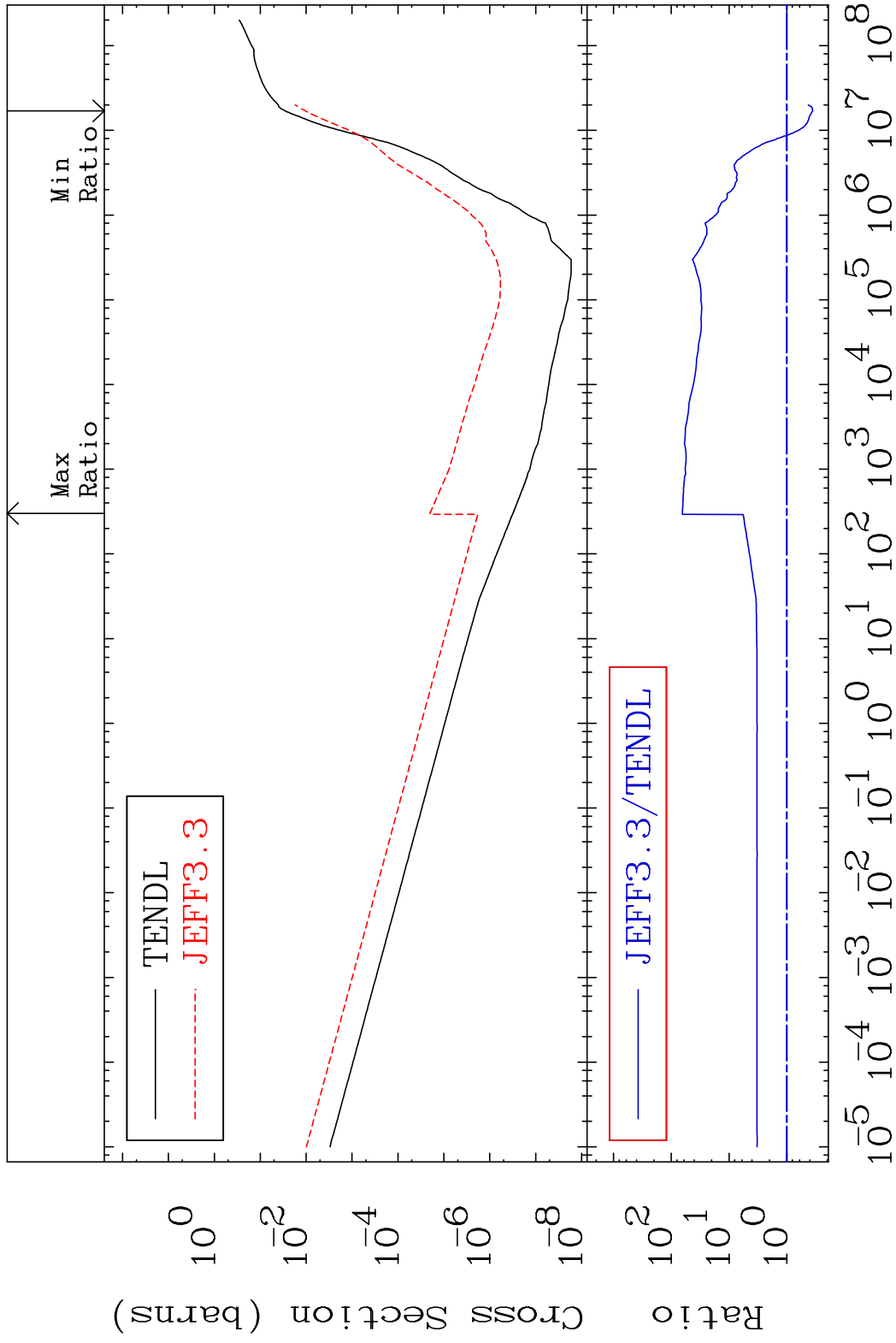
50-Sn-115

MAT 5034

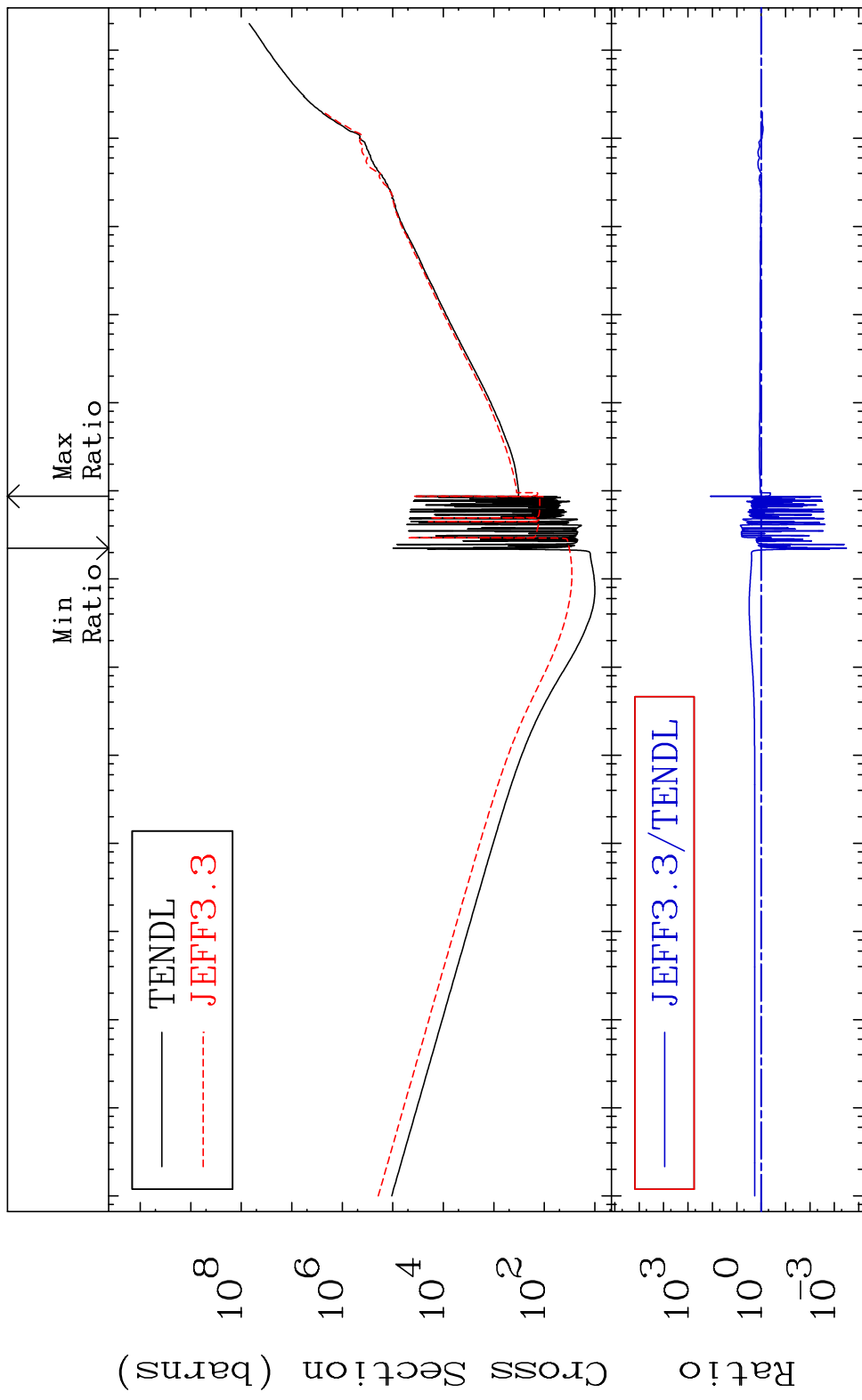
He-4 Production

50-Sn-115

Cross Section -64.17 To 6332. %



MAT 5034 Kerma total (eV-barns) 50-Sn-115
 Cross Section -99.97 To 9999. %



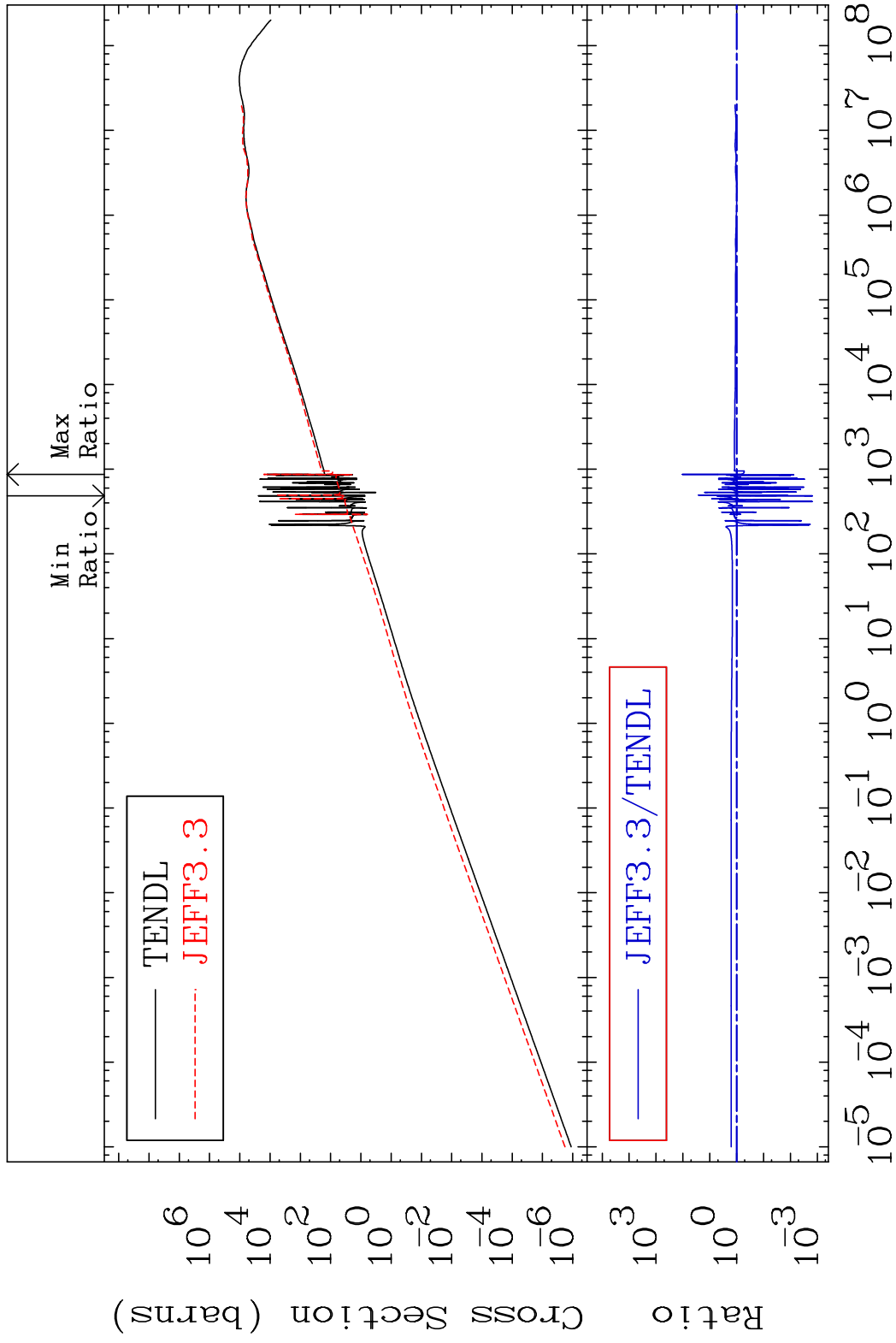
45 Incident Energy (eV) 50-Sn-115

MAT 5034

Kerma elastic

50-Sn-115

Cross Section -99.85 To 9999. %

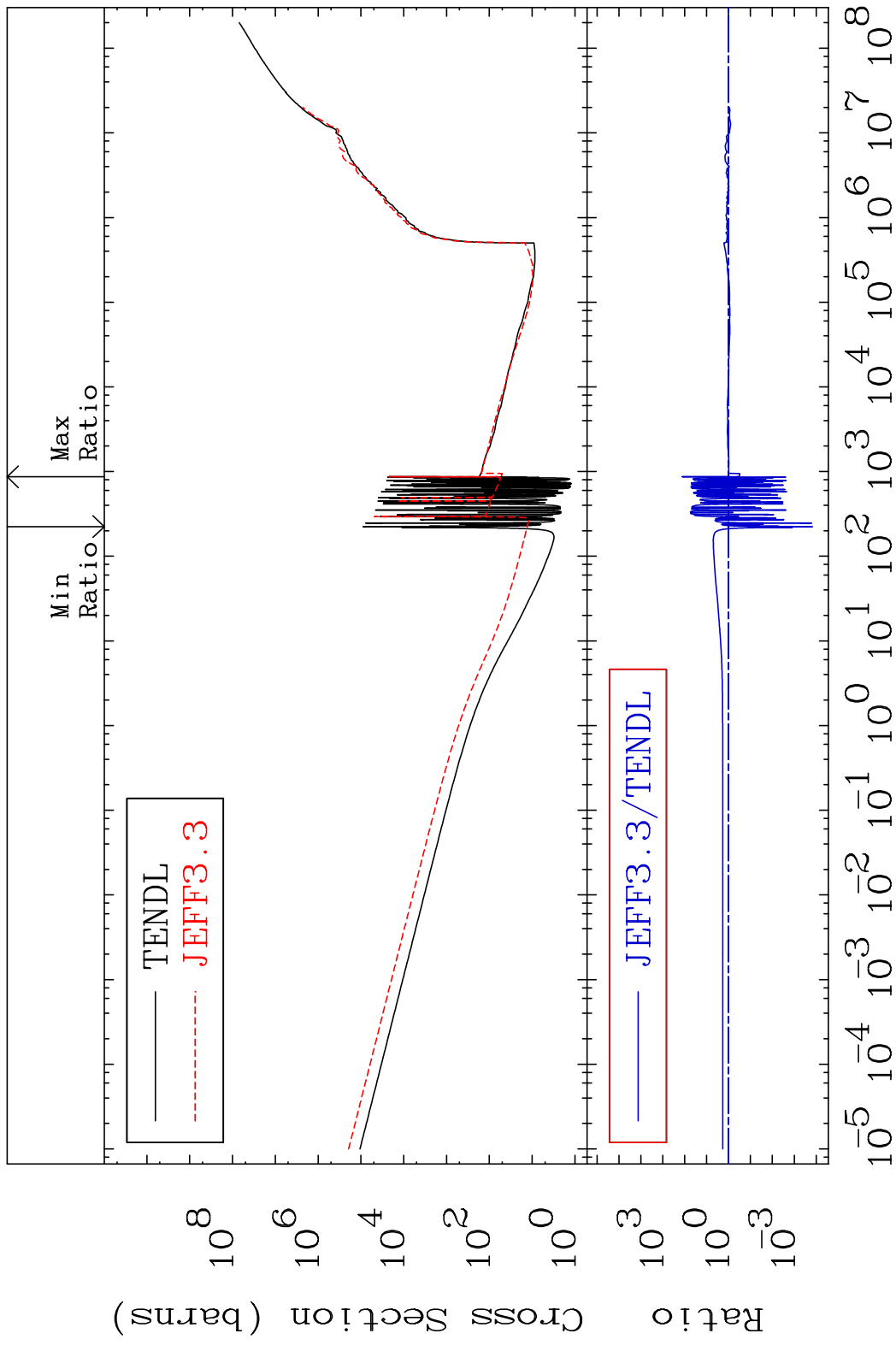


46

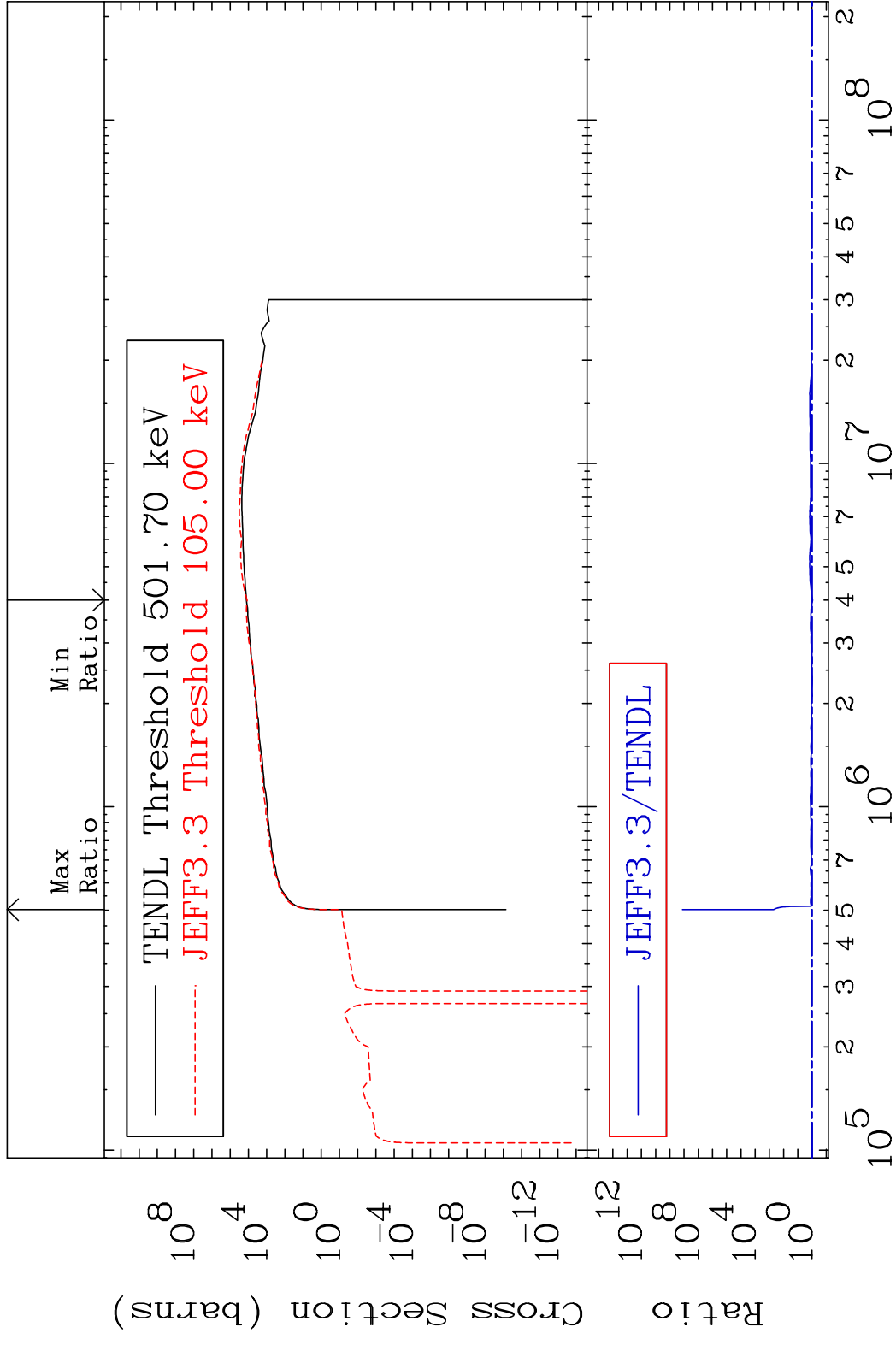
Incident Energy (eV)

50-Sn-115

MAT 5034 Kerma non-elastic (all but mt2) 50-Sn-115
 Cross Section -99.99 To 9999. %

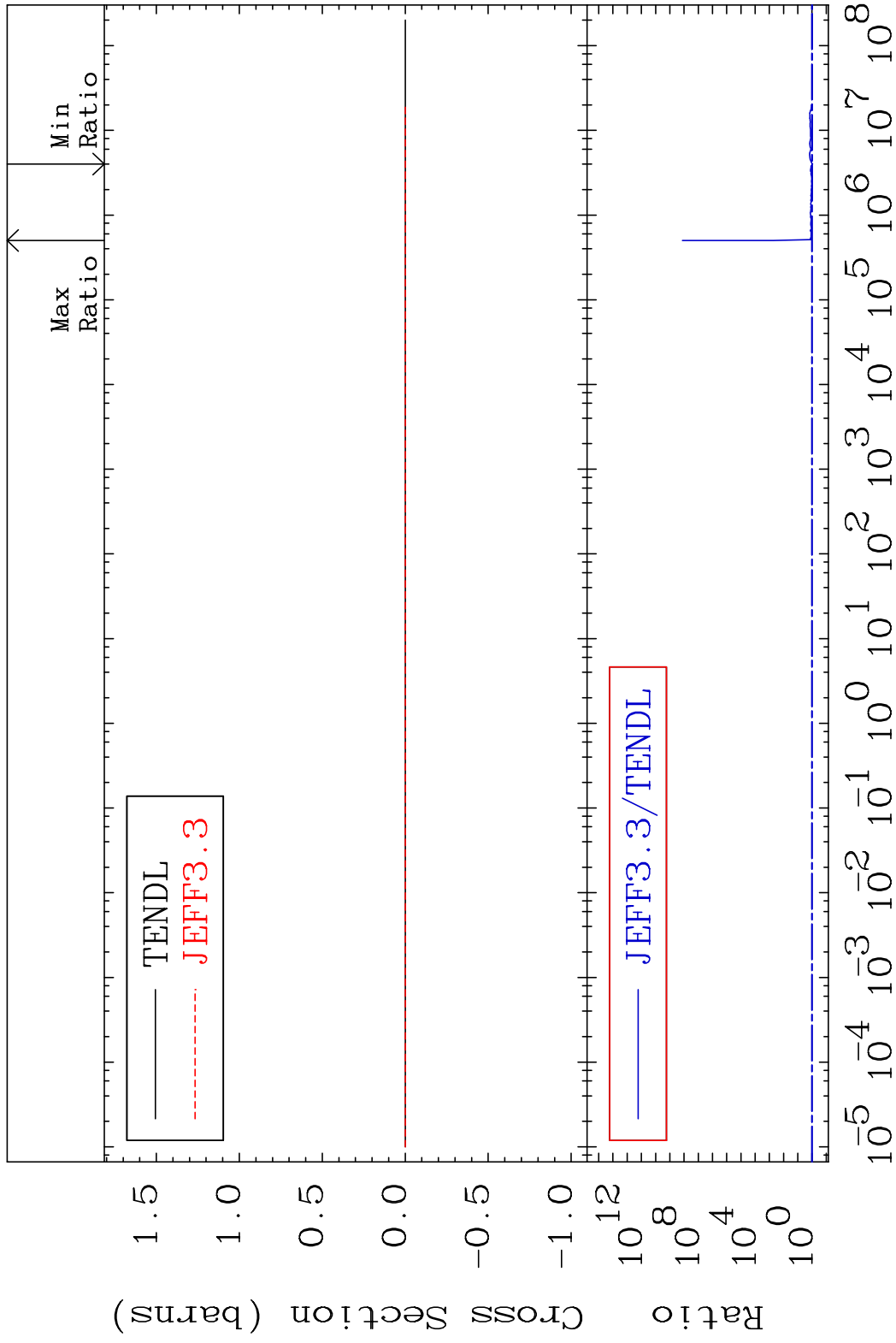


MAT 5034 Kerma inelastic (mt51-91) 50-Sn-115
 Cross Section -8.770 To 9999. %

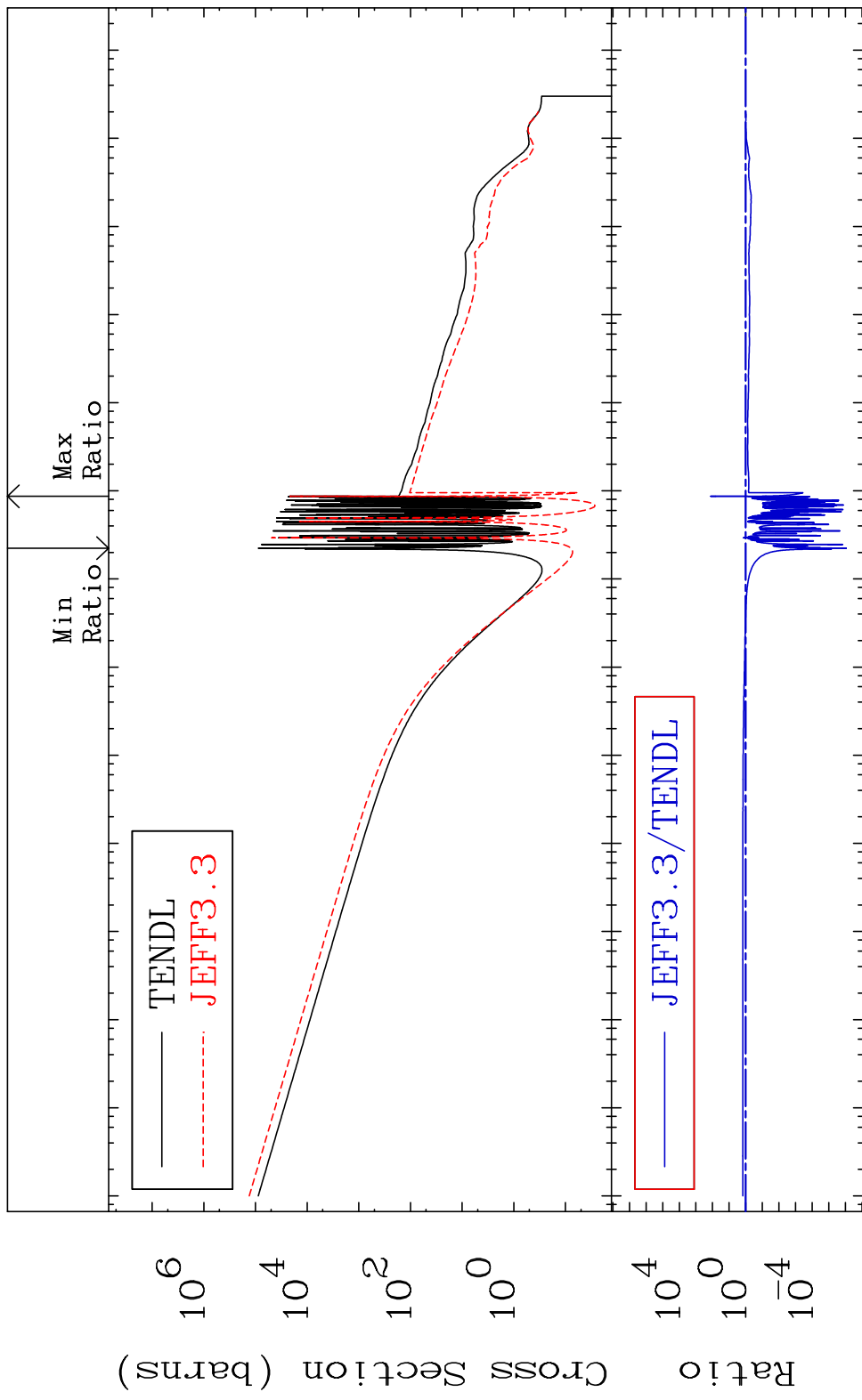


48 Incident Energy (eV) 50-Sn-115

MAT 5034 Kerma fission (mt18 or mt19-20-21-38) 50-Sn-115
 Cross Section -8.770 To 9999. %

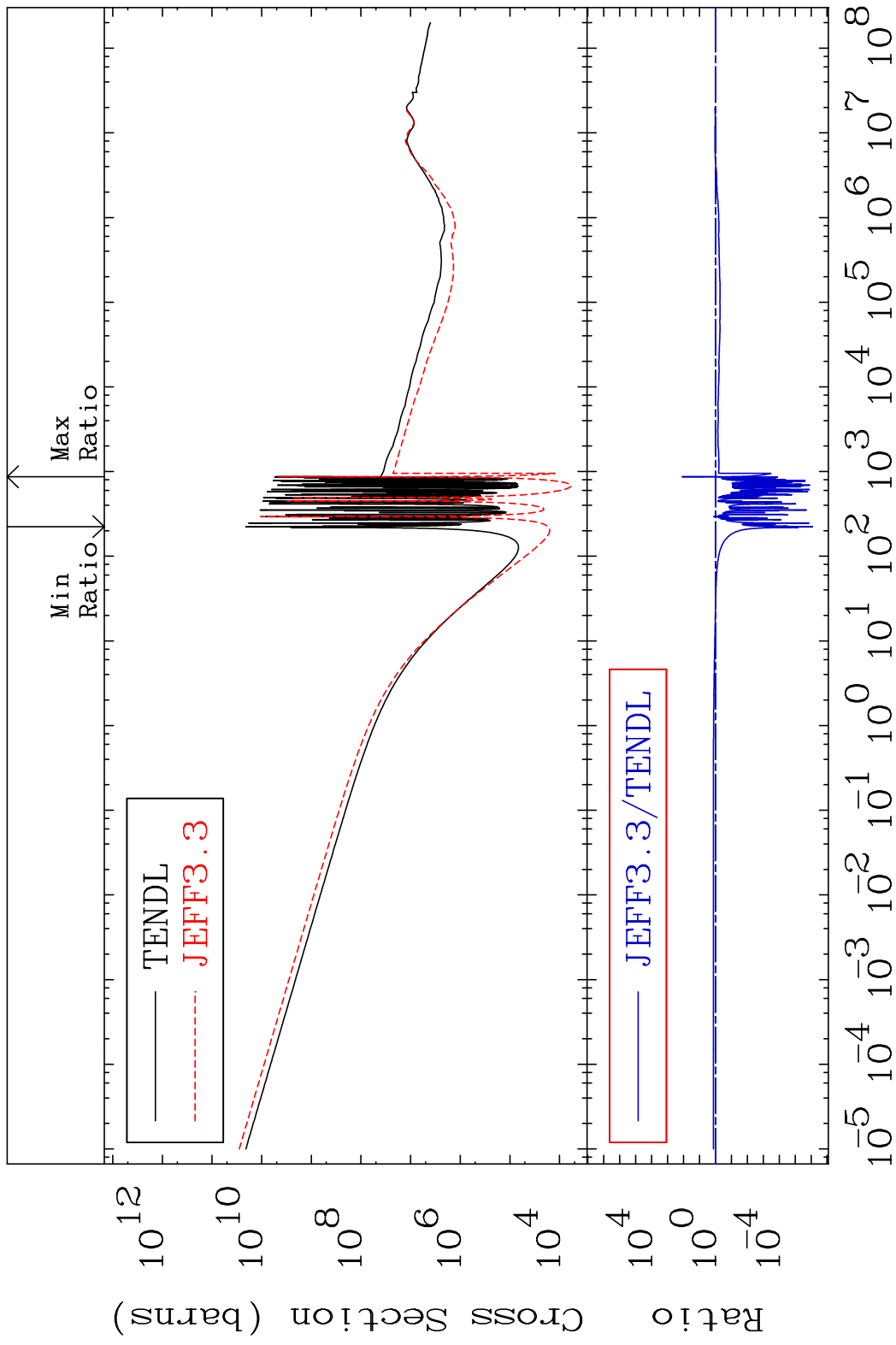


MAT 5034 Kerma capture (mt102) 50-Sn-115
 Cross Section -100.0 To 9999. %



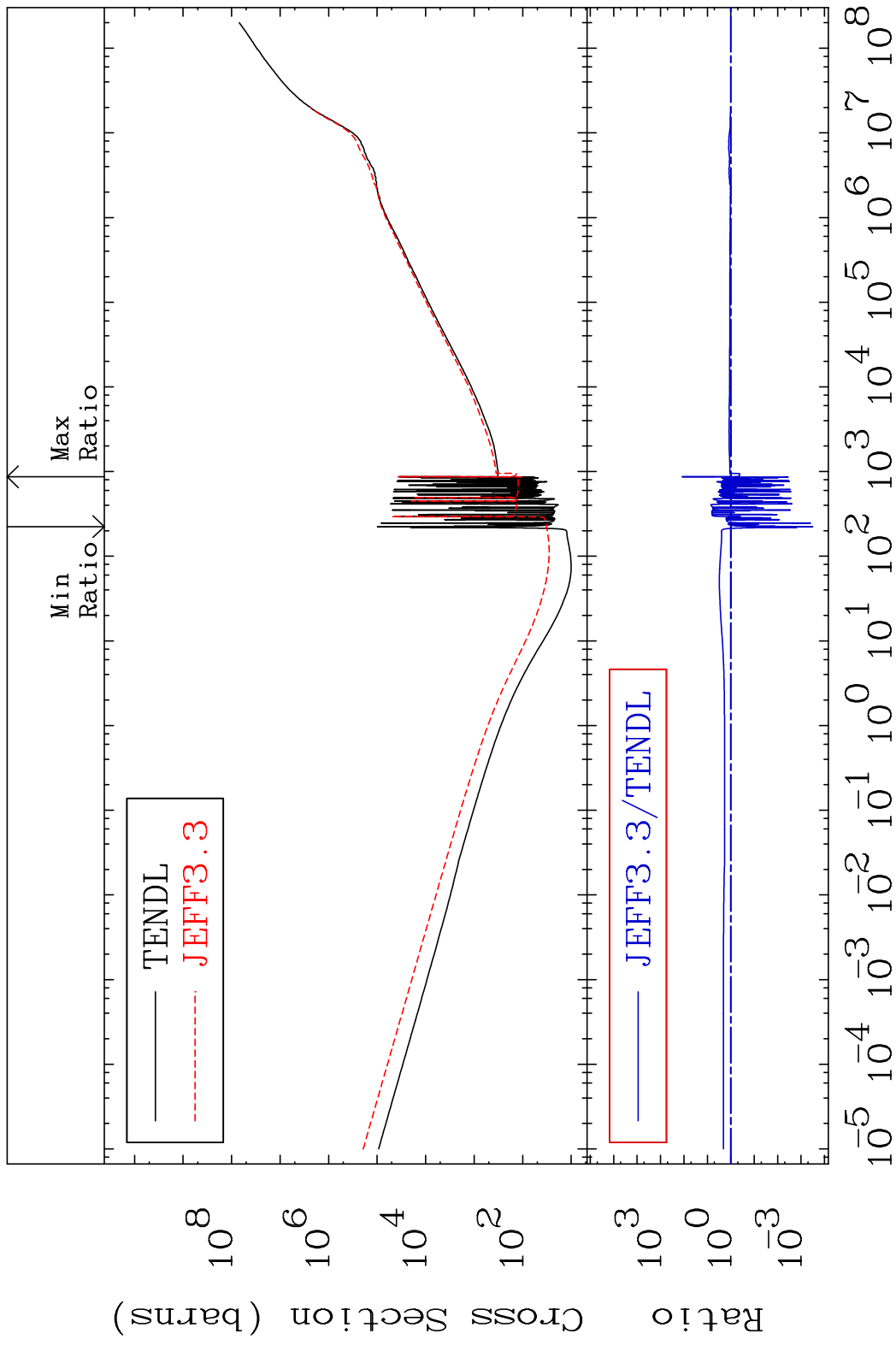
50 Incident Energy (eV) 50-Sn-115

MAT 5034 Total photon (eV-barns) 50-Sn-115
 Cross Section -100.0 To 9999. %

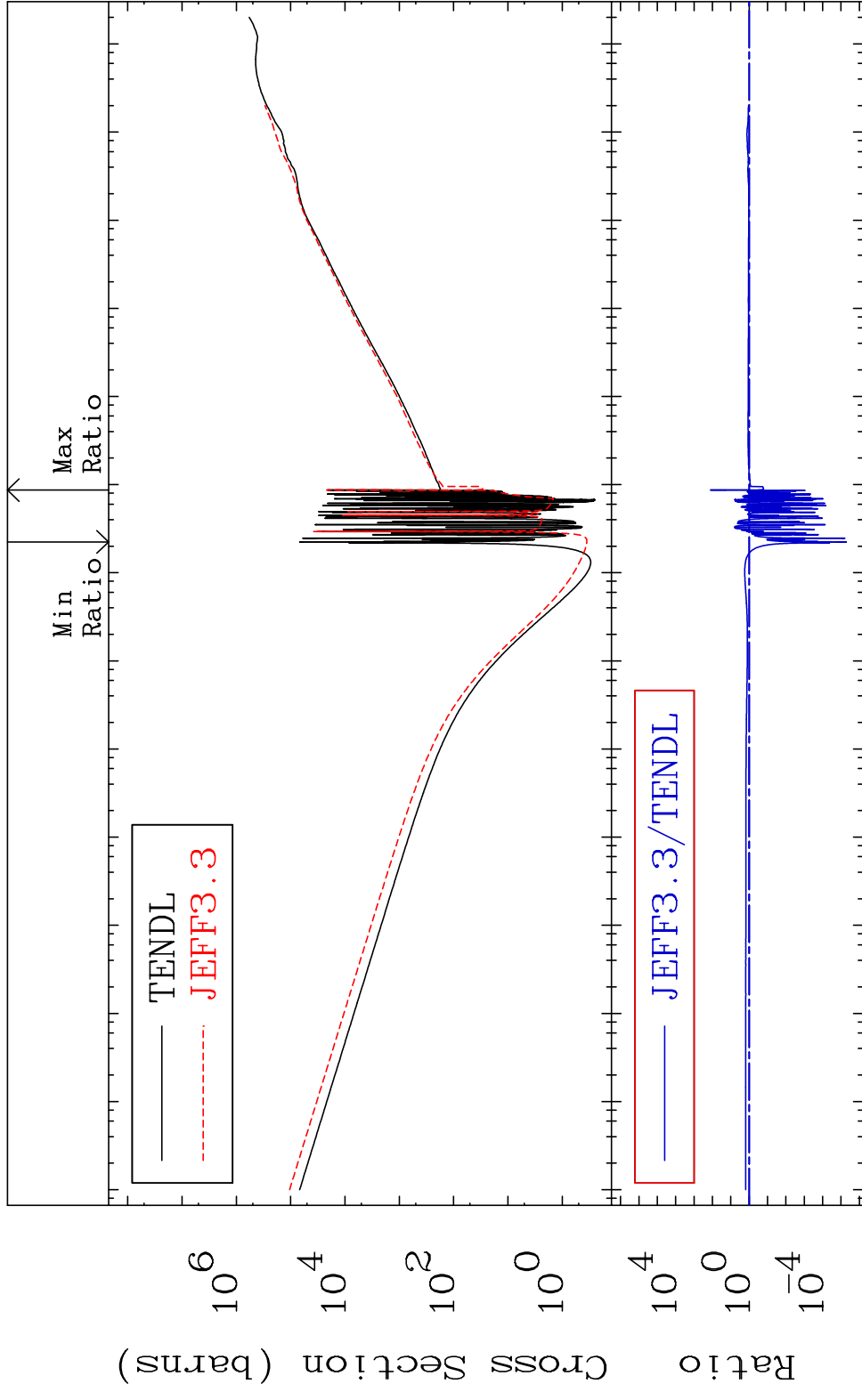


51 Incident Energy (eV) 50-Sn-115

MAT 5034 Total kinematic kerma (high limit) 50-Sn-115
 Cross Section -99.97 To 9999. %



MAT 5034 Dpa total (eV-barns) 50-Sn-115
 Cross Section -100.0 To 9999. %



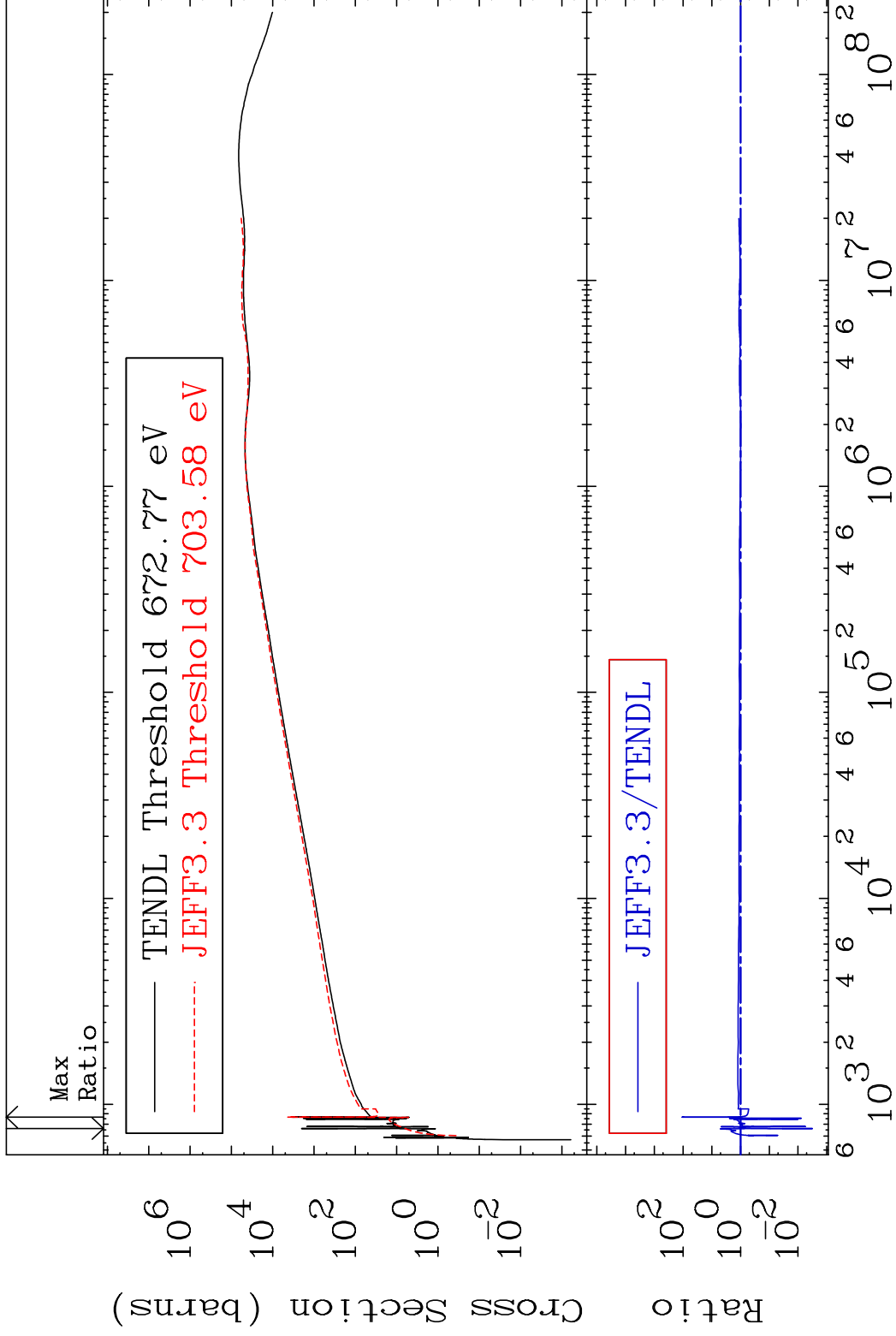
53 Incident Energy (eV) 50-Sn-115

MAT 5034

Dpa elastic (mt2)

50-Sn-115

Cross Section -99.69 To 9999. %



54

Incident Energy (eV)

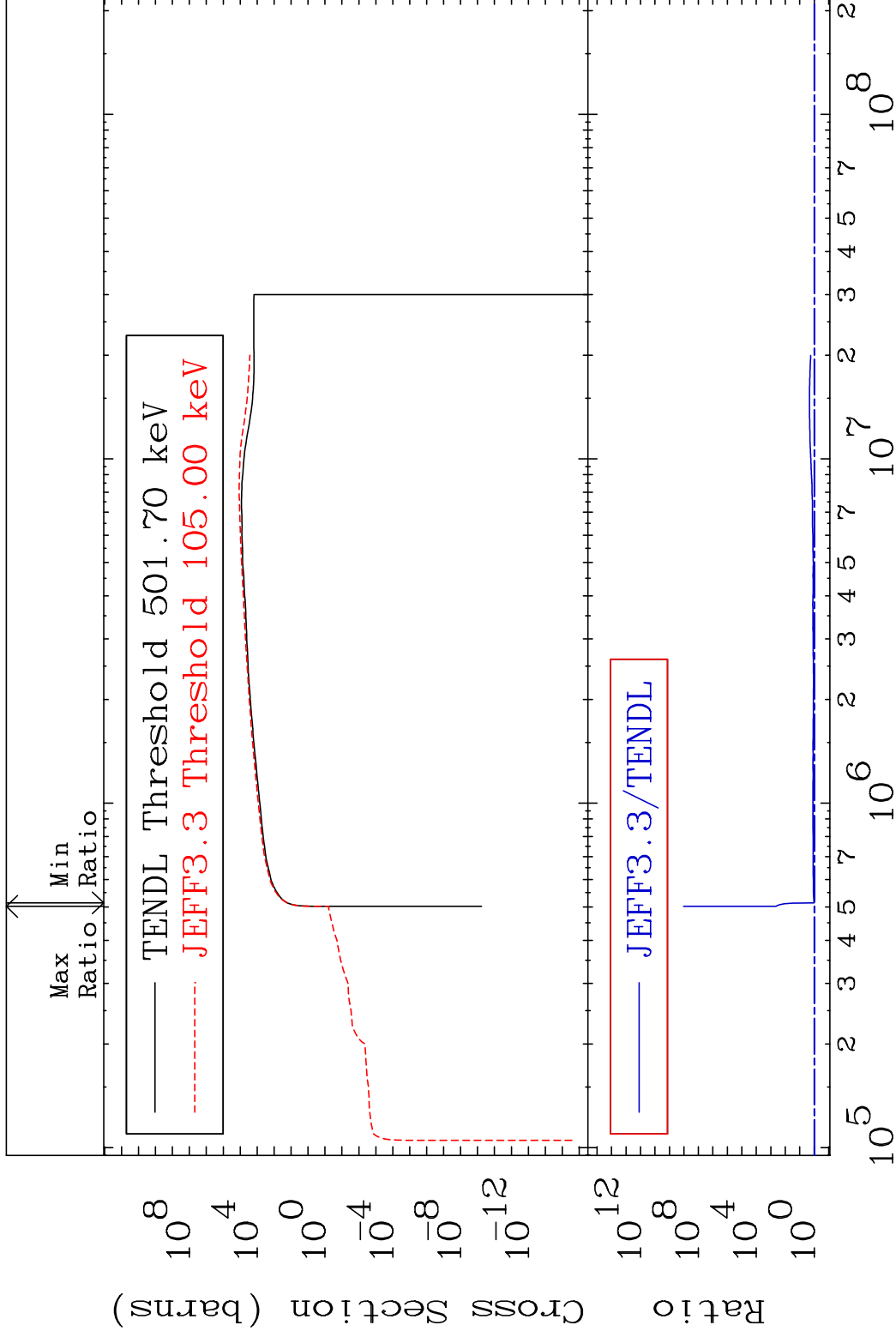
50-Sn-115

MAT 5034

Dpa inelastic (mt51-91)

50-Sn-115

Cross Section 2.793 To 9999. %



55

Incident Energy (eV)

50-Sn-115

MAT 5034 Dpa disappearance (mt102 -120) 50-Sn-115
 Cross Section -100.0 To 9999. %

