

Program Complot
(Version 2021-1)

by

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(Present Contact Information)

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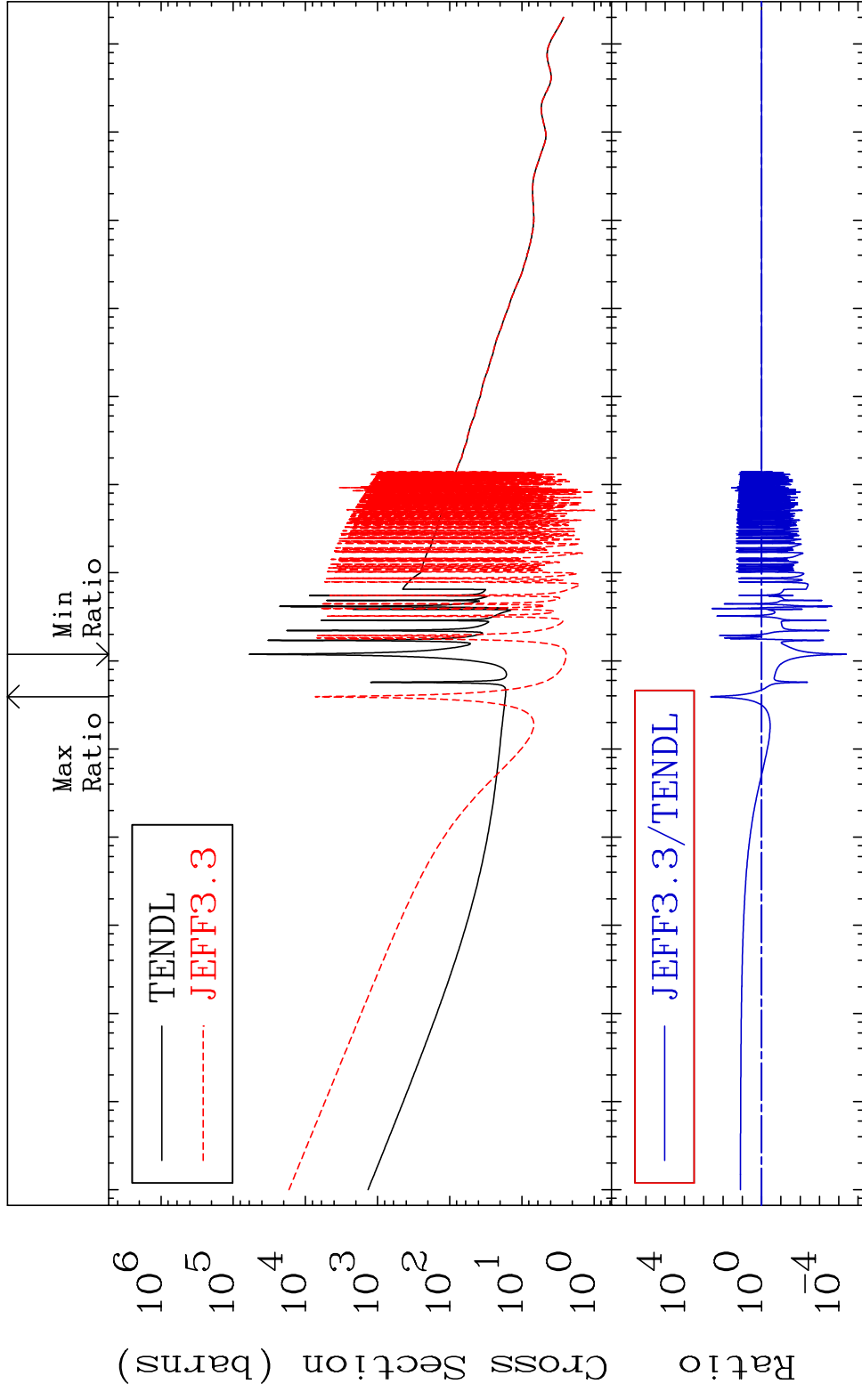
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7046

Total
Cross Section -100.0 To 9999. %



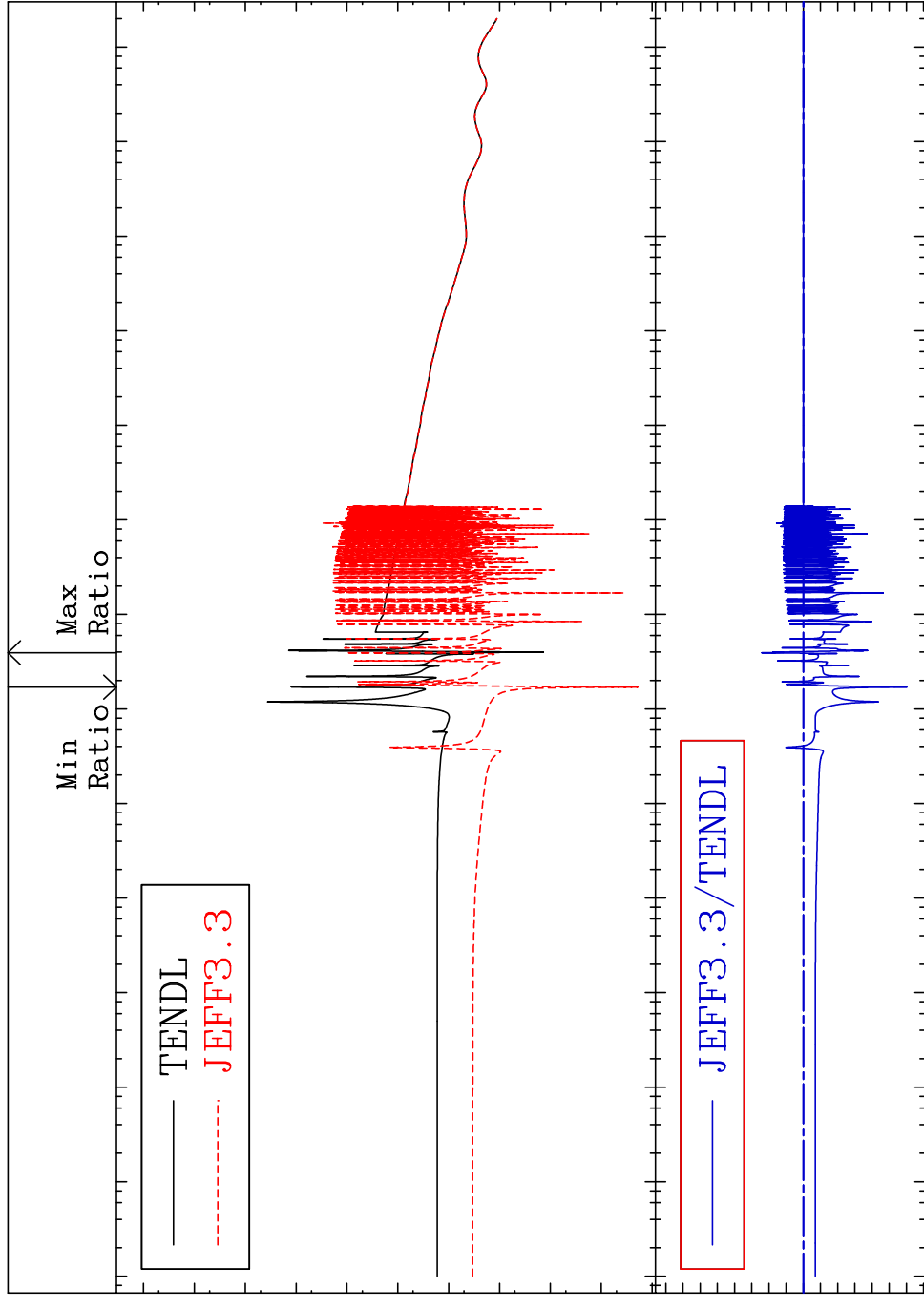
1 Incident Energy (eV) 70-Yb-175

MAT 7046

Elastic

70-Yb-175

Cross Section -100.0 To 9999. %

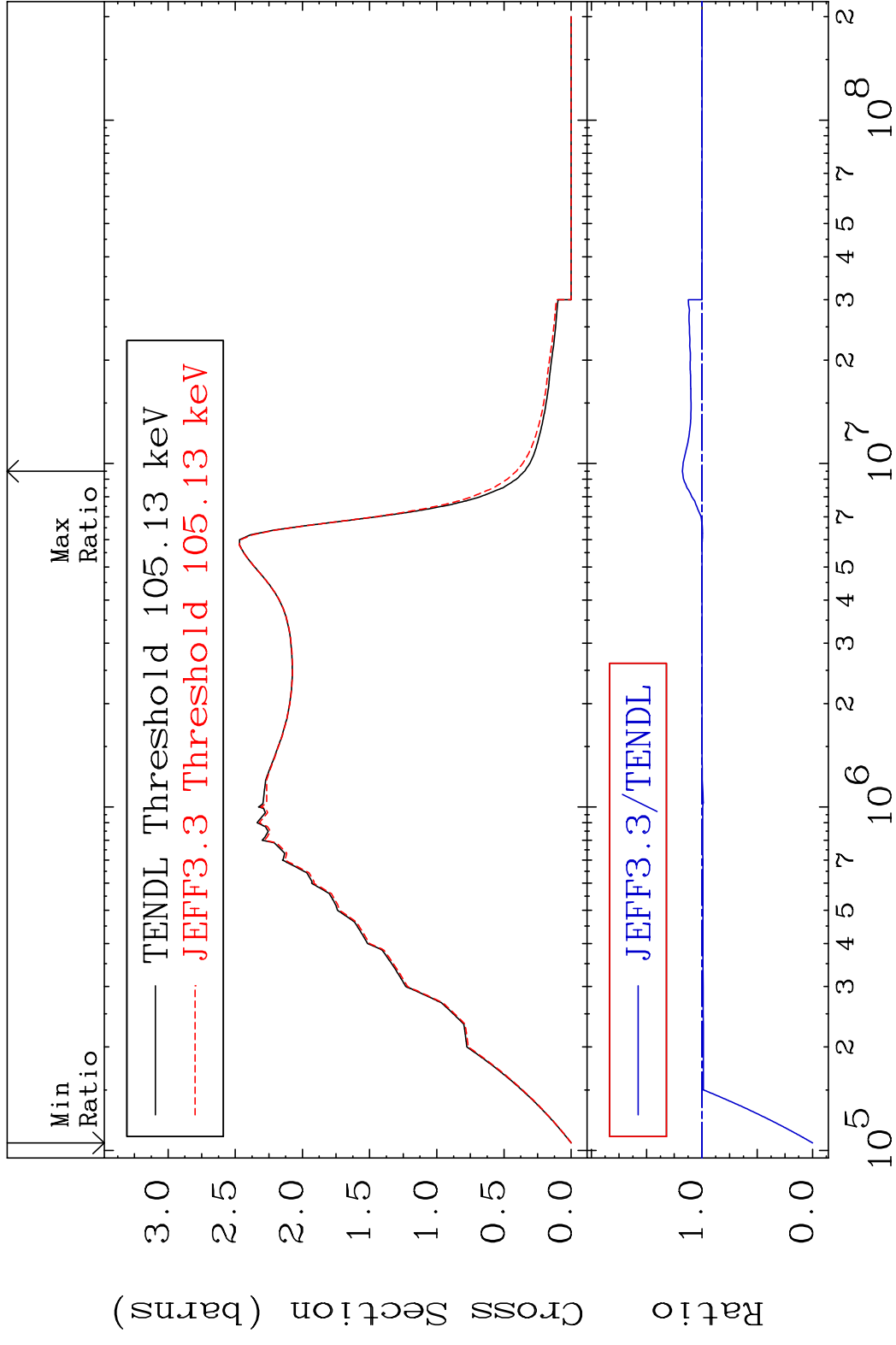


2

Incident Energy (eV)

70-Yb-175

MAT 7046 Inelastic Cross Section -100.0 To 17.71 % 70-Yb-175



3 70-Yb-175

MAT 7046

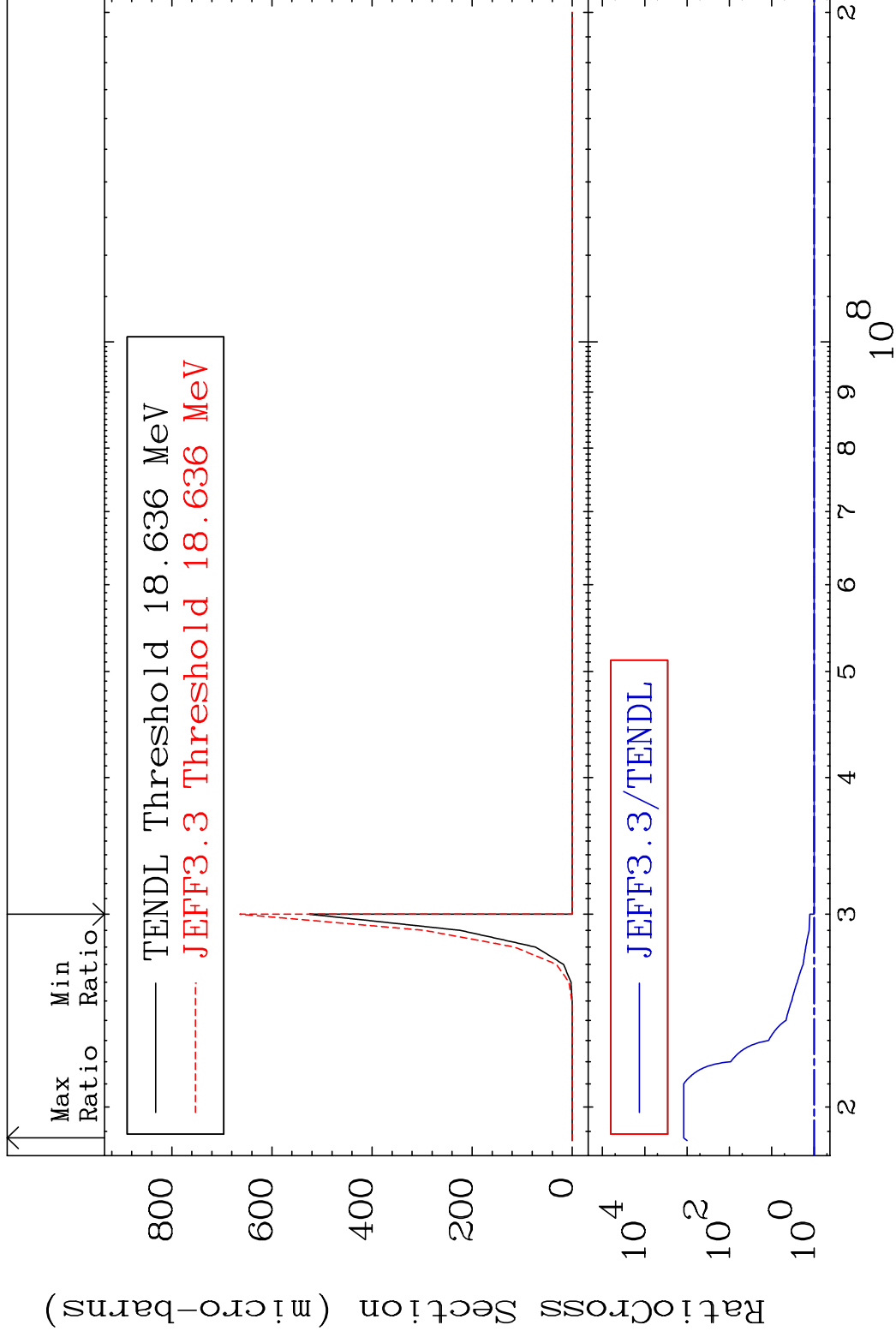
(n,2n) d

70-Yb-175

Cross Section

0.000

To 9999. %



4

Incident Energy (eV)

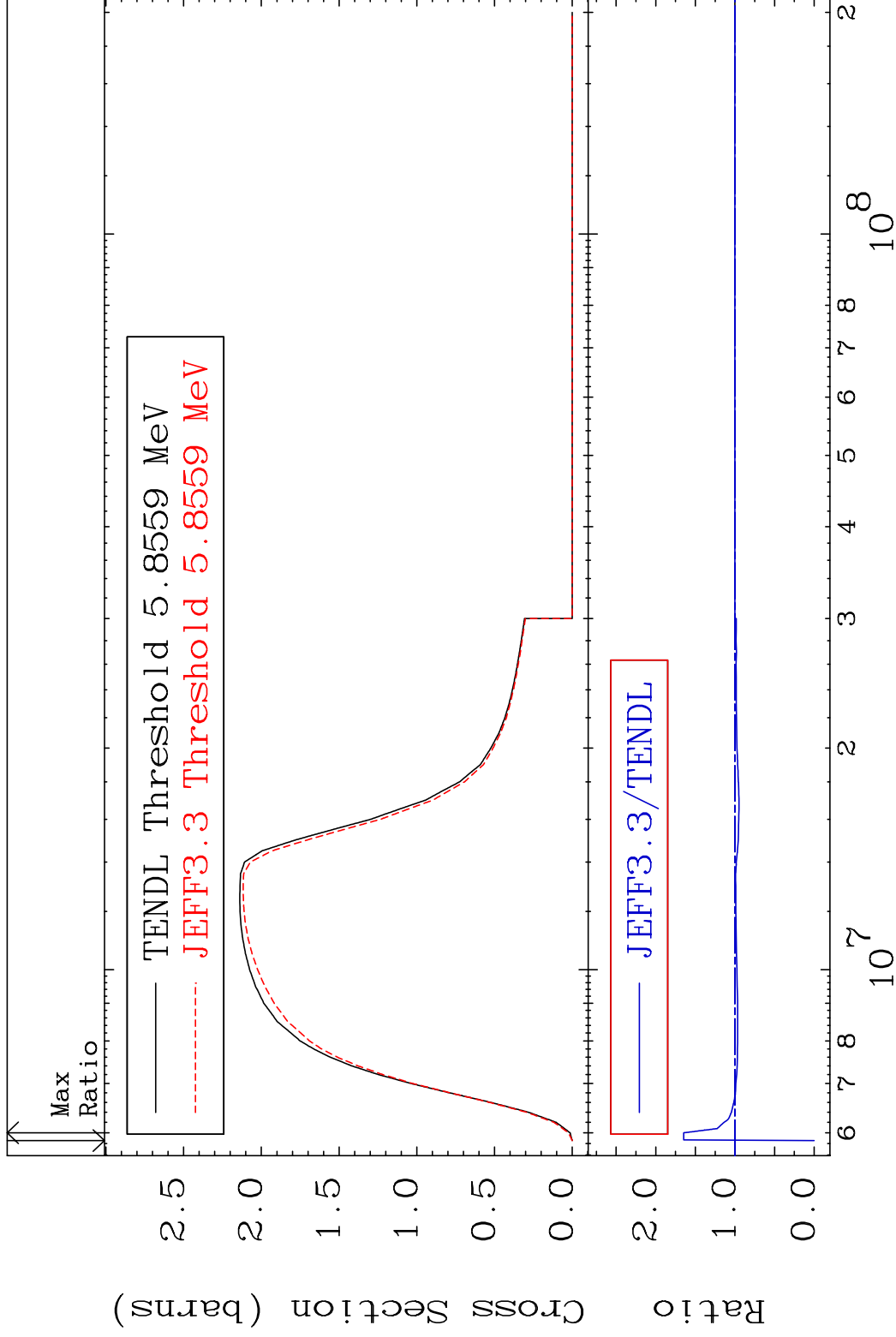
70-Yb-175

MAT 7046

(n,2n)

70-Yb-175

Cross Section -100.0 To 64.75 %



5

Incident Energy (eV)

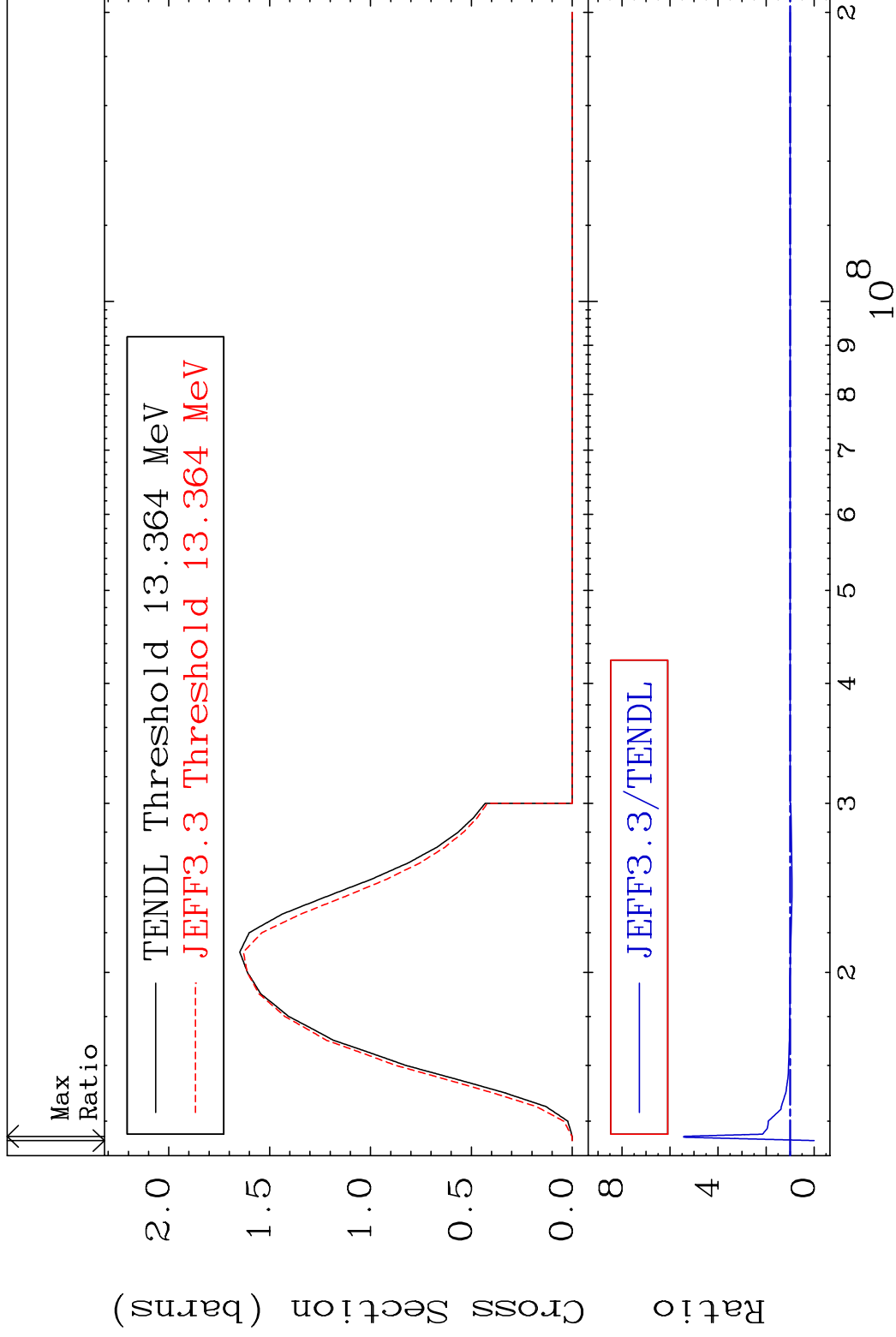
70-Yb-175

MAT 7046

(n,3n)

70-Yb-175

Cross Section -100.0 To 443.2 %



6

Incident Energy (eV)

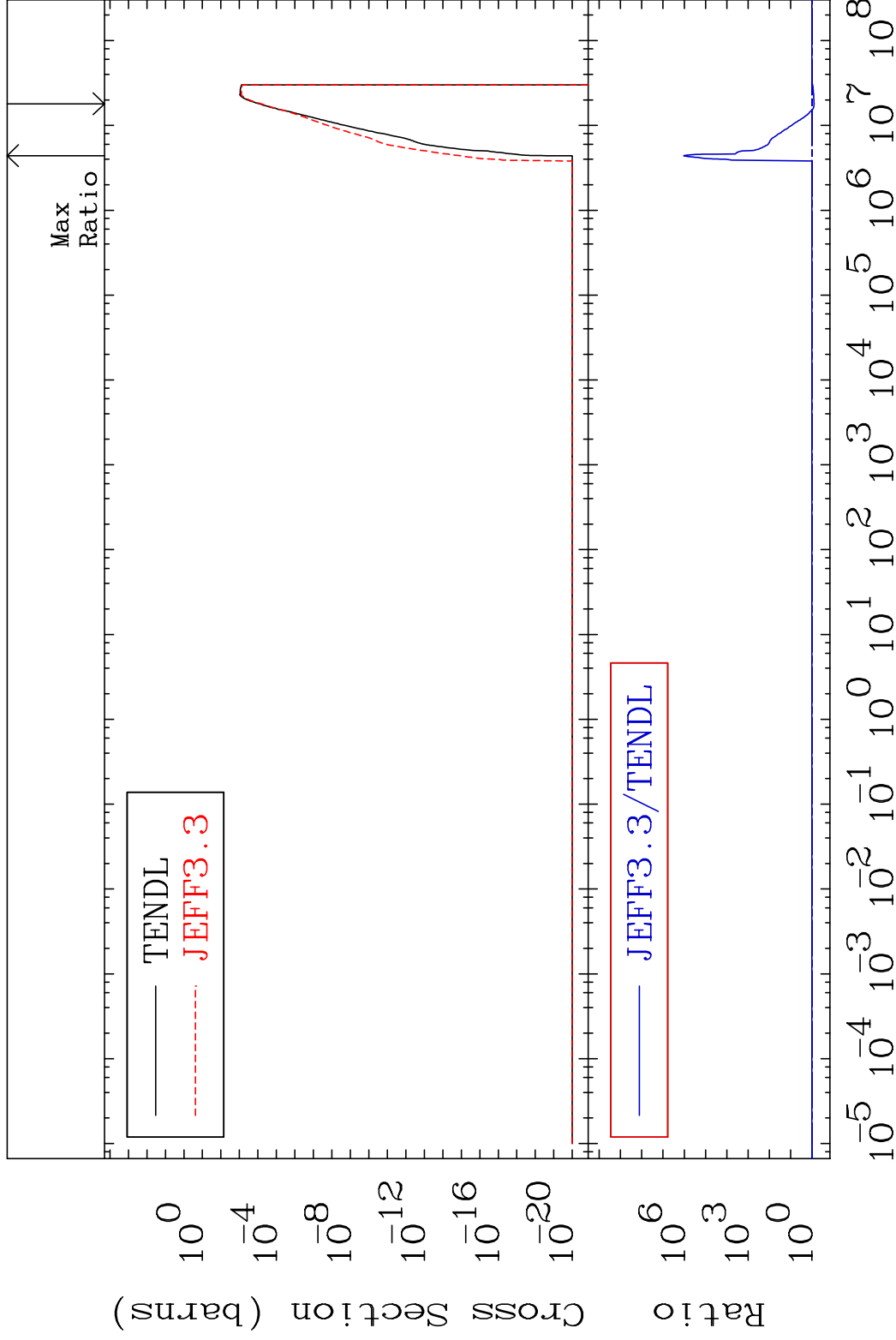
70-Yb-175

MAT 7046

(n, n') α

70-Yb-175

Cross Section -21.54 To 9999. %



7

Incident Energy (eV)

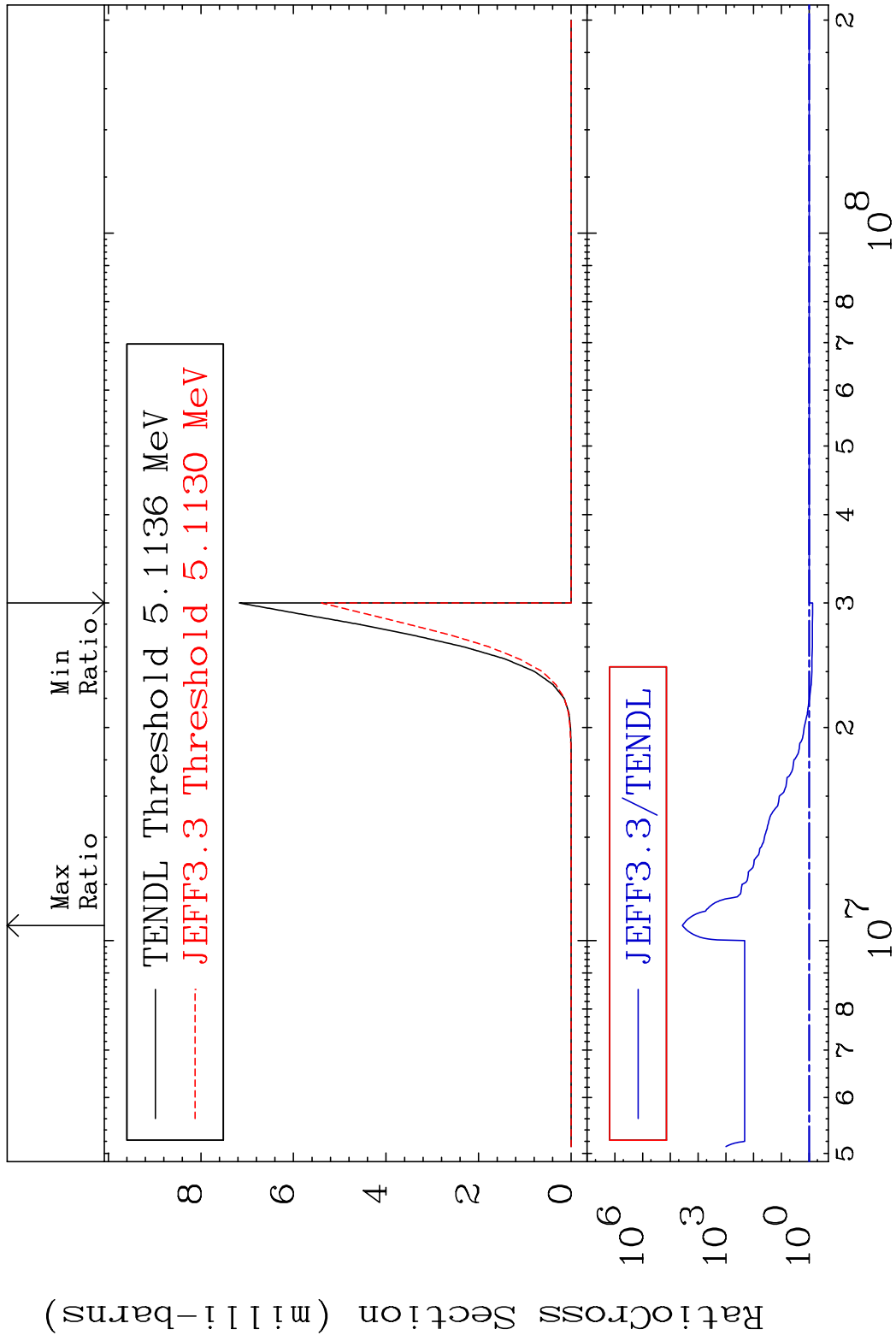
70-Yb-175

MAT 7046

(n,2n) α

70-Yb-175

Cross Section -24.72 To 9999. %



8

Incident Energy (eV)

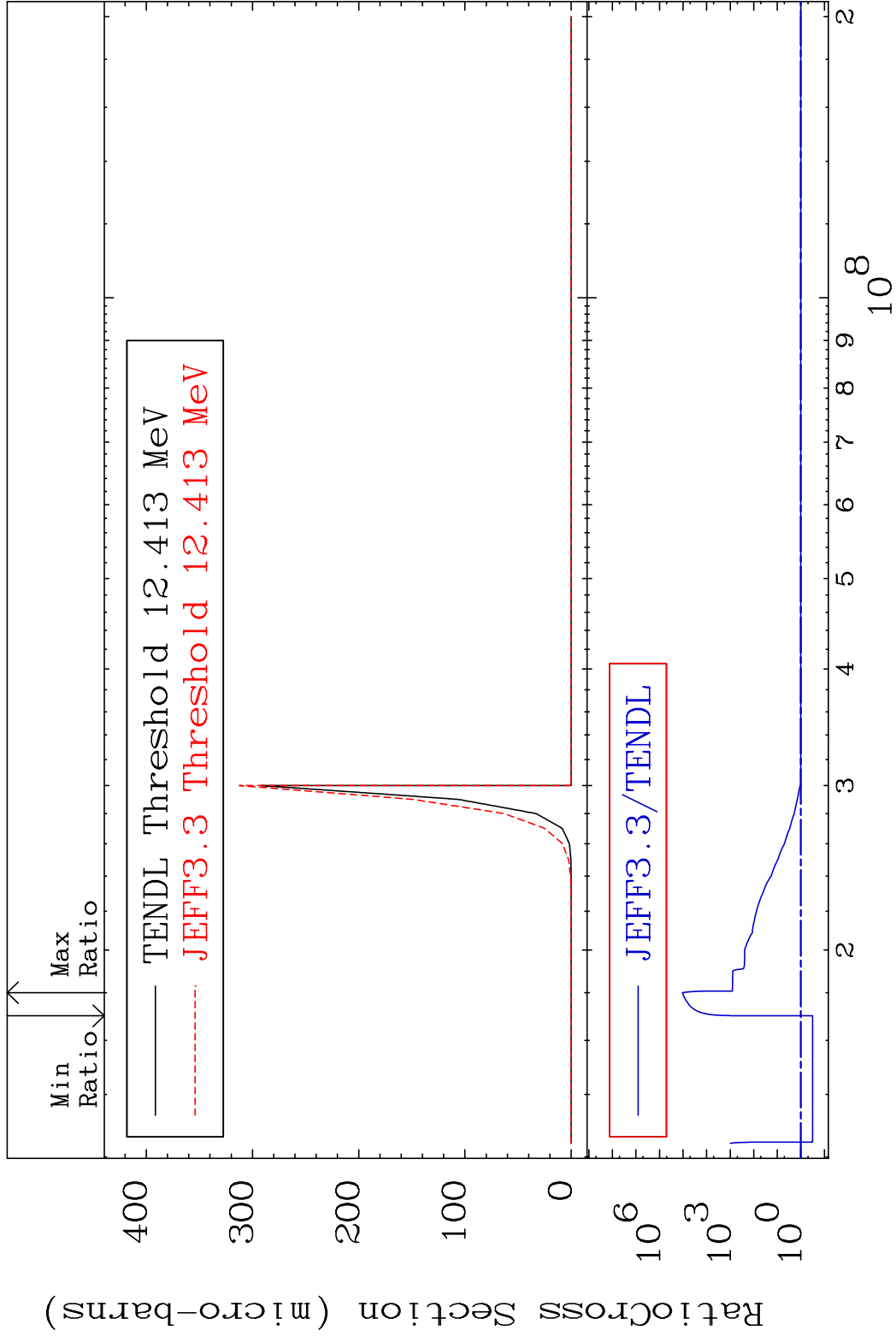
70-Yb-175

MAT 7046

(n,3n) α

70-Yb-175

Cross Section -68.14 To 9999. %



9

Incident Energy (eV)

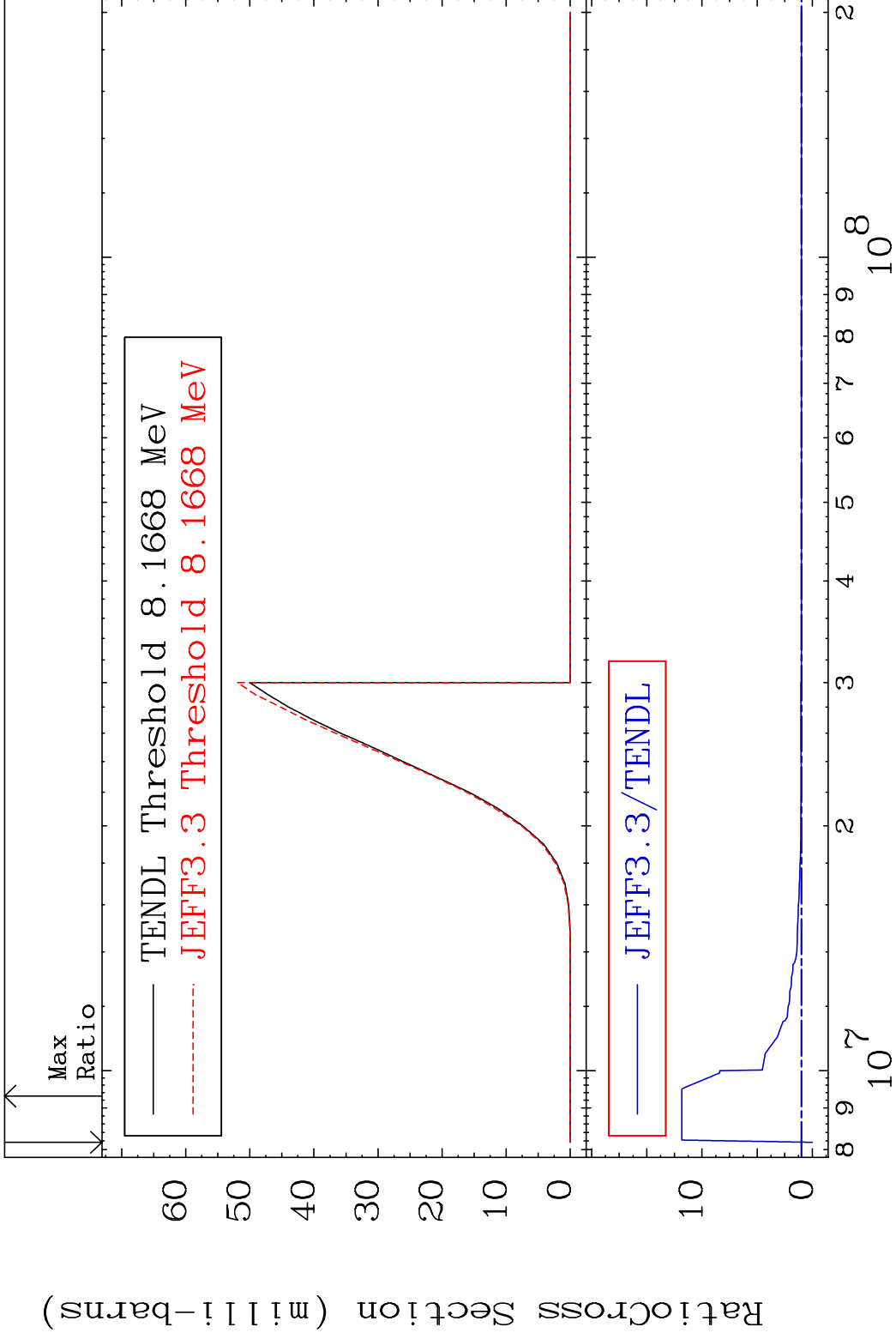
70-Yb-175

MAT 7046

(n, n') p

70-Yb-175

Cross Section -100.0 To 1083. %

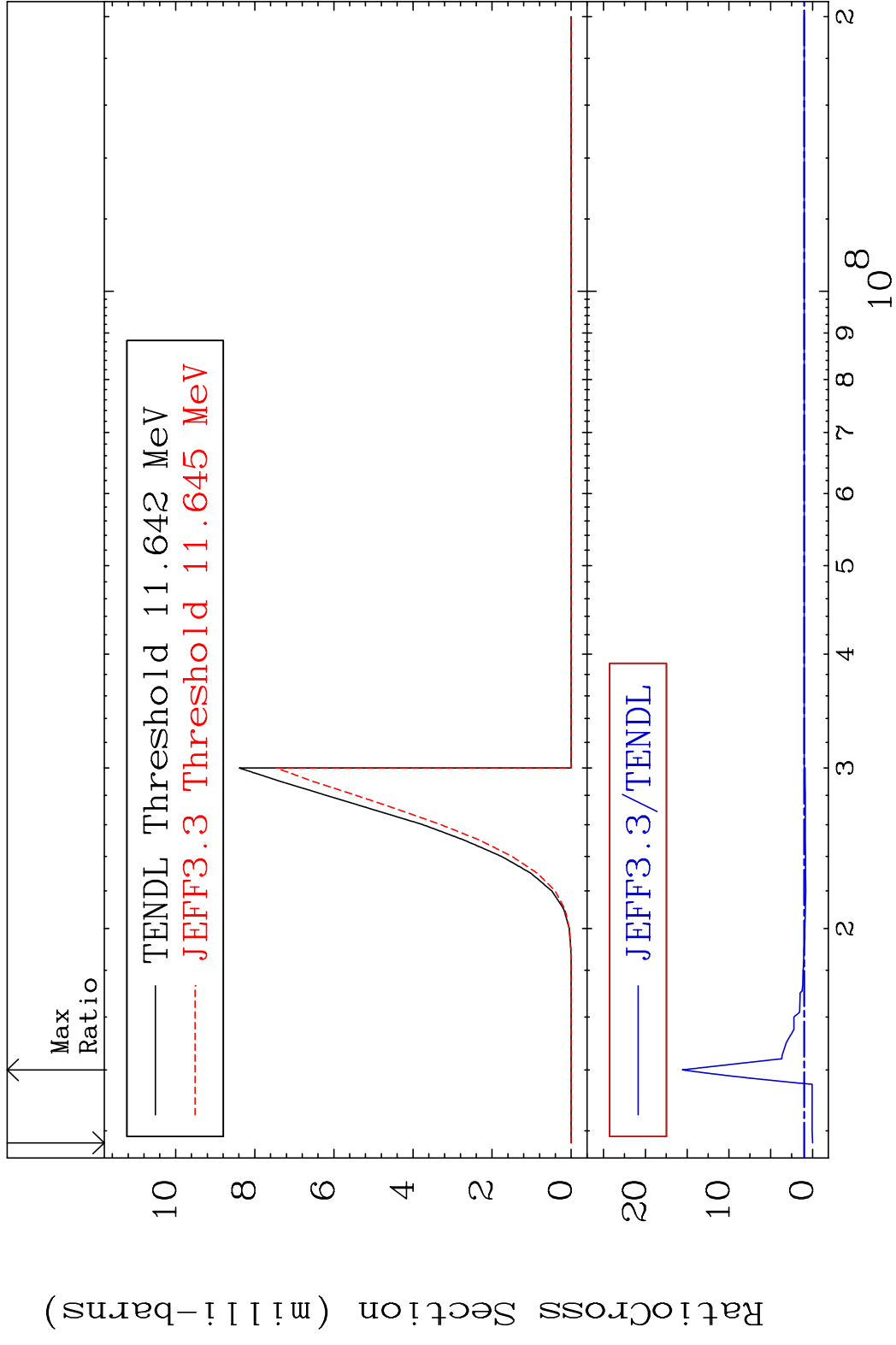


10

Incident Energy (eV)

70-Yb-175

MAT 7046 (n, n') d 70-Yb-175
 Cross Section -100.0 To 1457. %

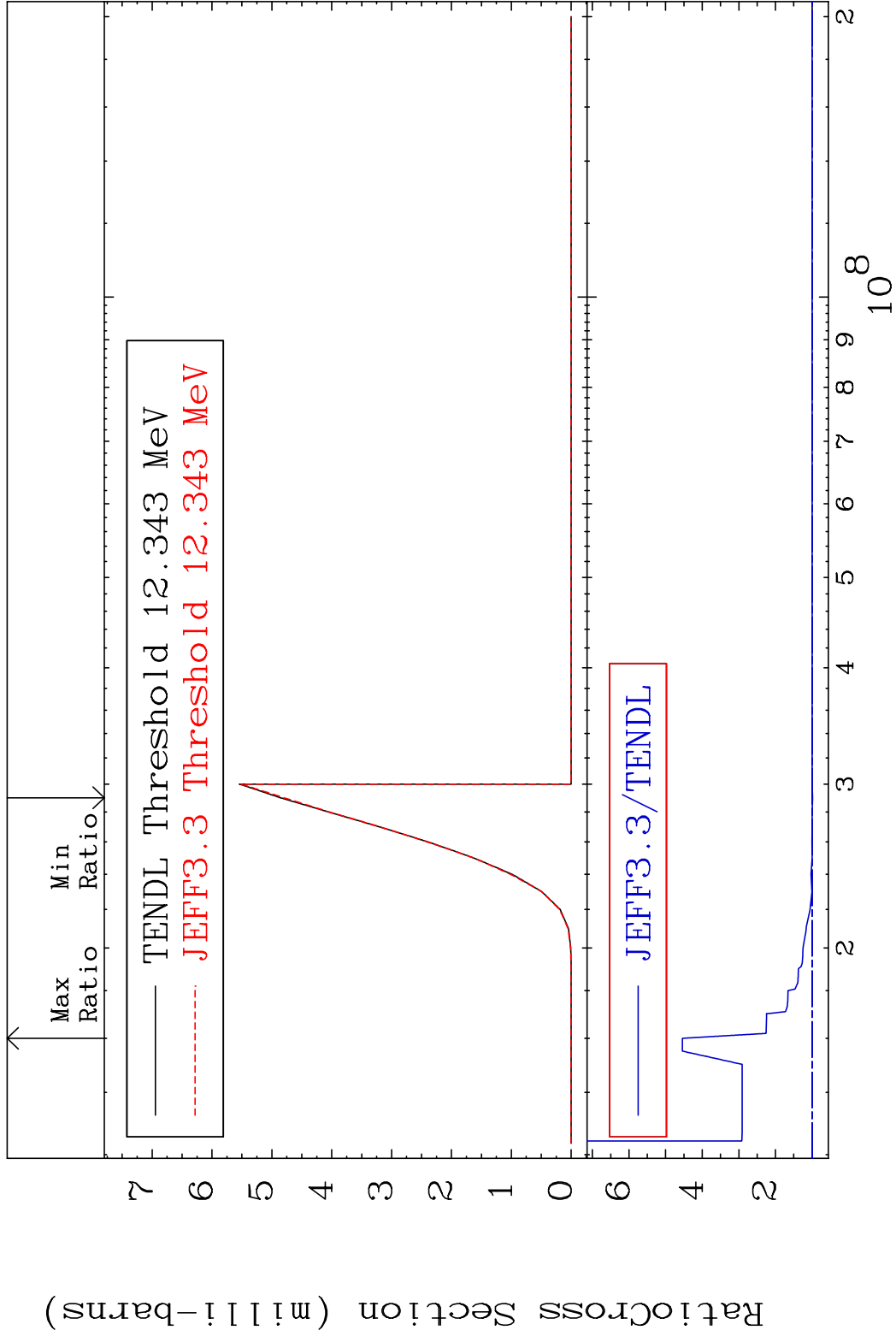


MAT 7046

(n, n') t

70-Yb-175

Cross Section -1.252 To 354.3 %



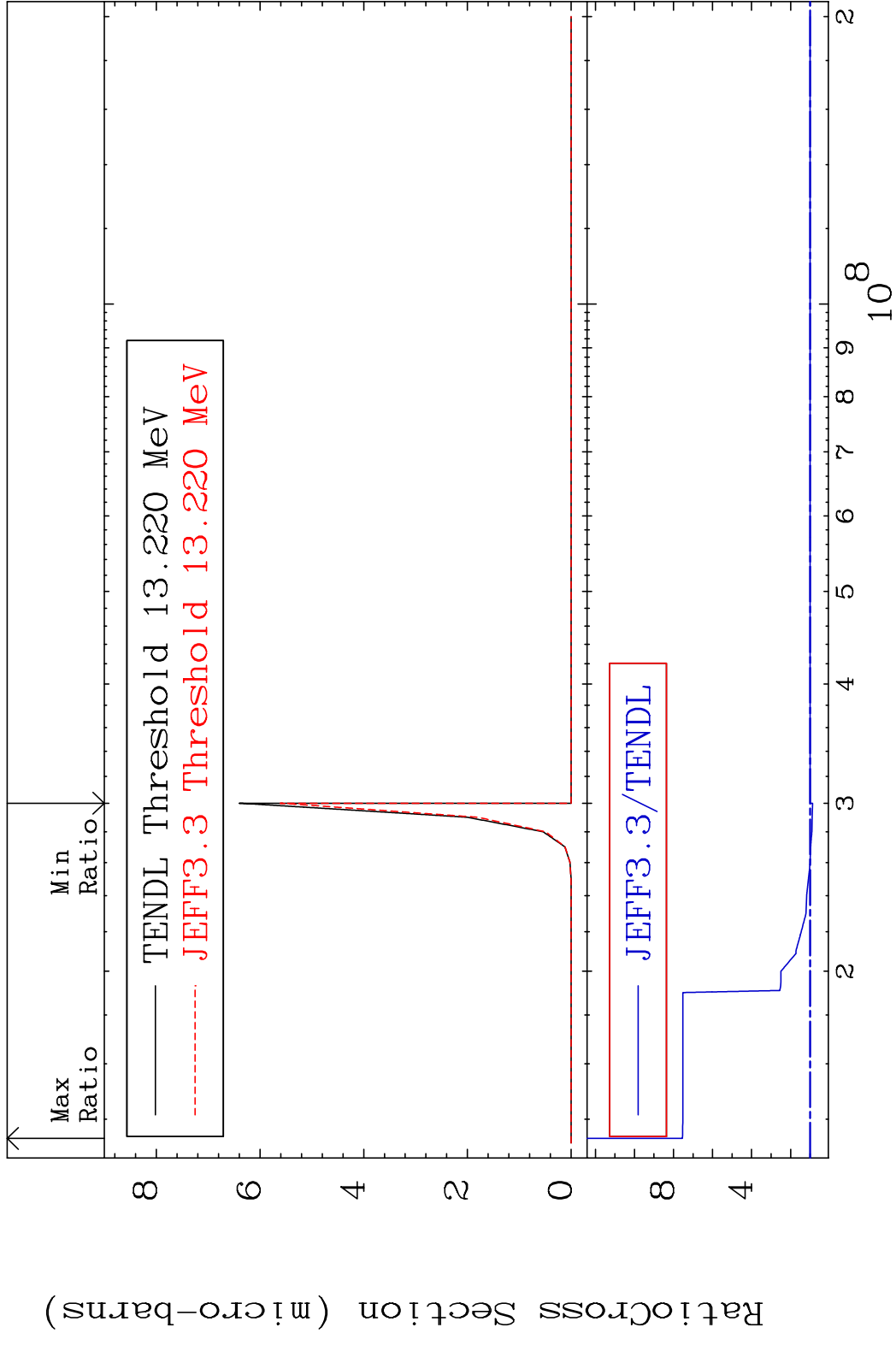
MAT 7046

(n,n') He-3

70-Yb-175

Cross Section

-12.39 To 654.7 %

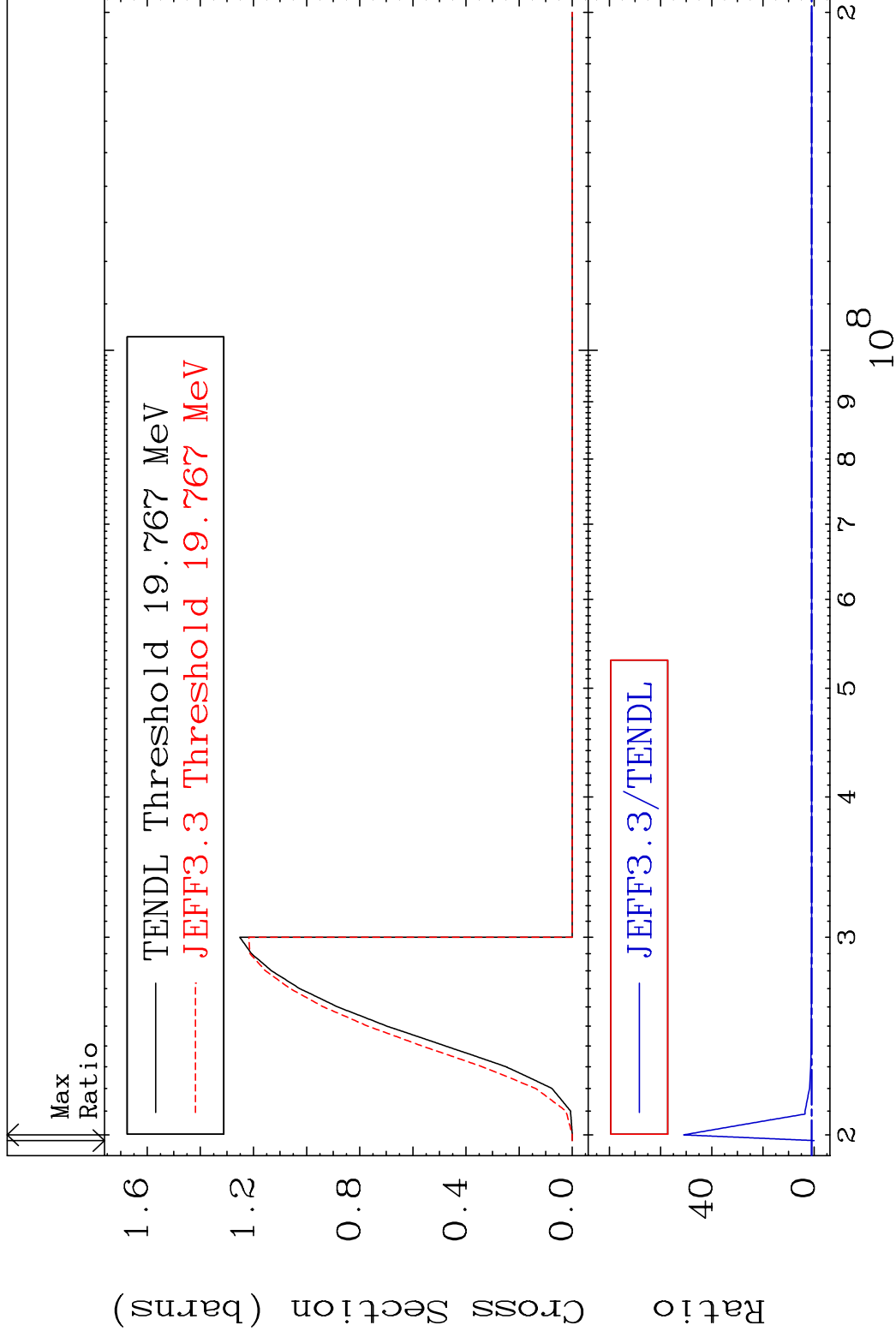


MAT 7046

(n,4n)

70-Yb-175

Cross Section -100.0 To 5001. %

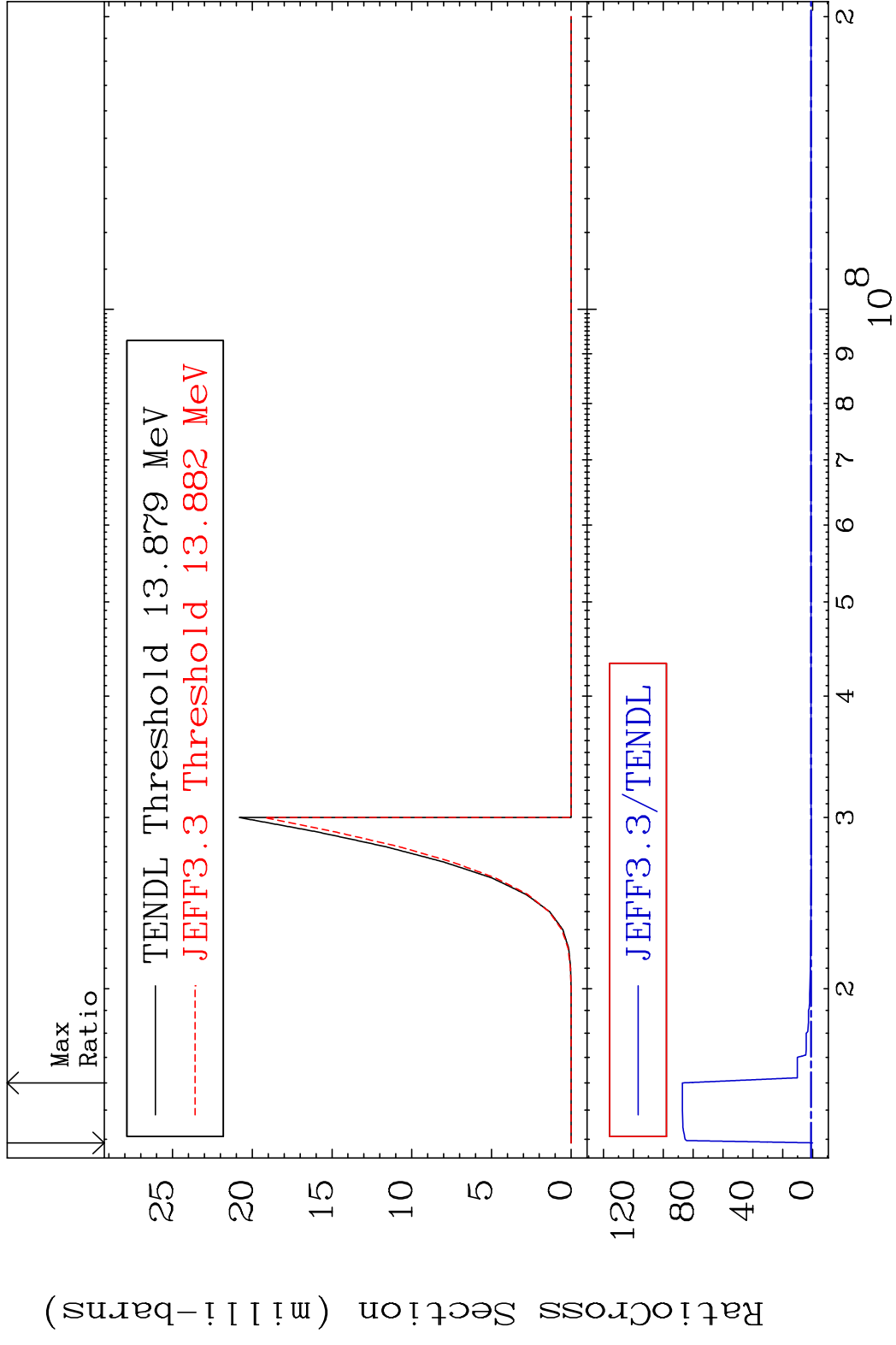


14

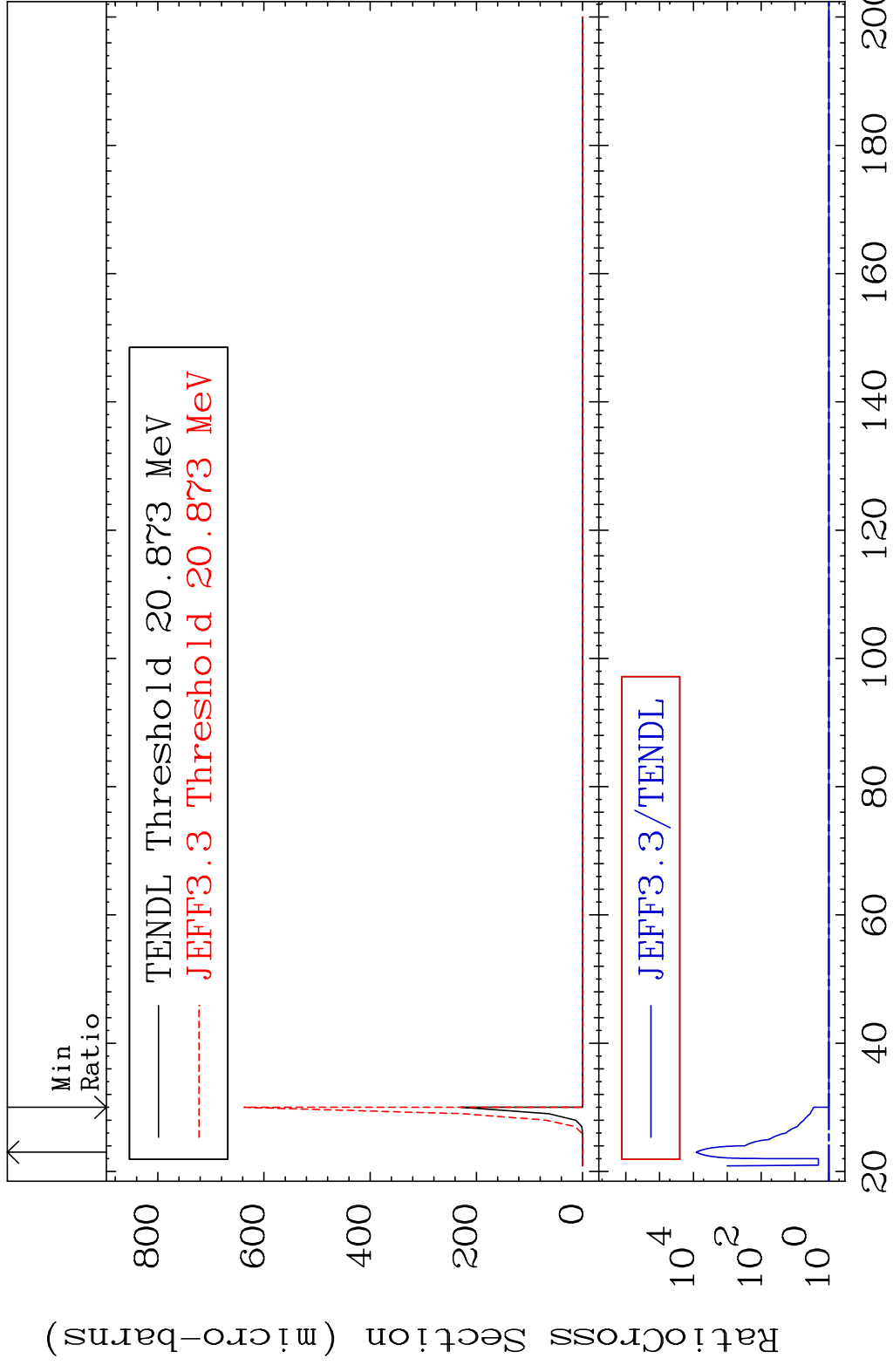
Incident Energy (eV)

70-Yb-175

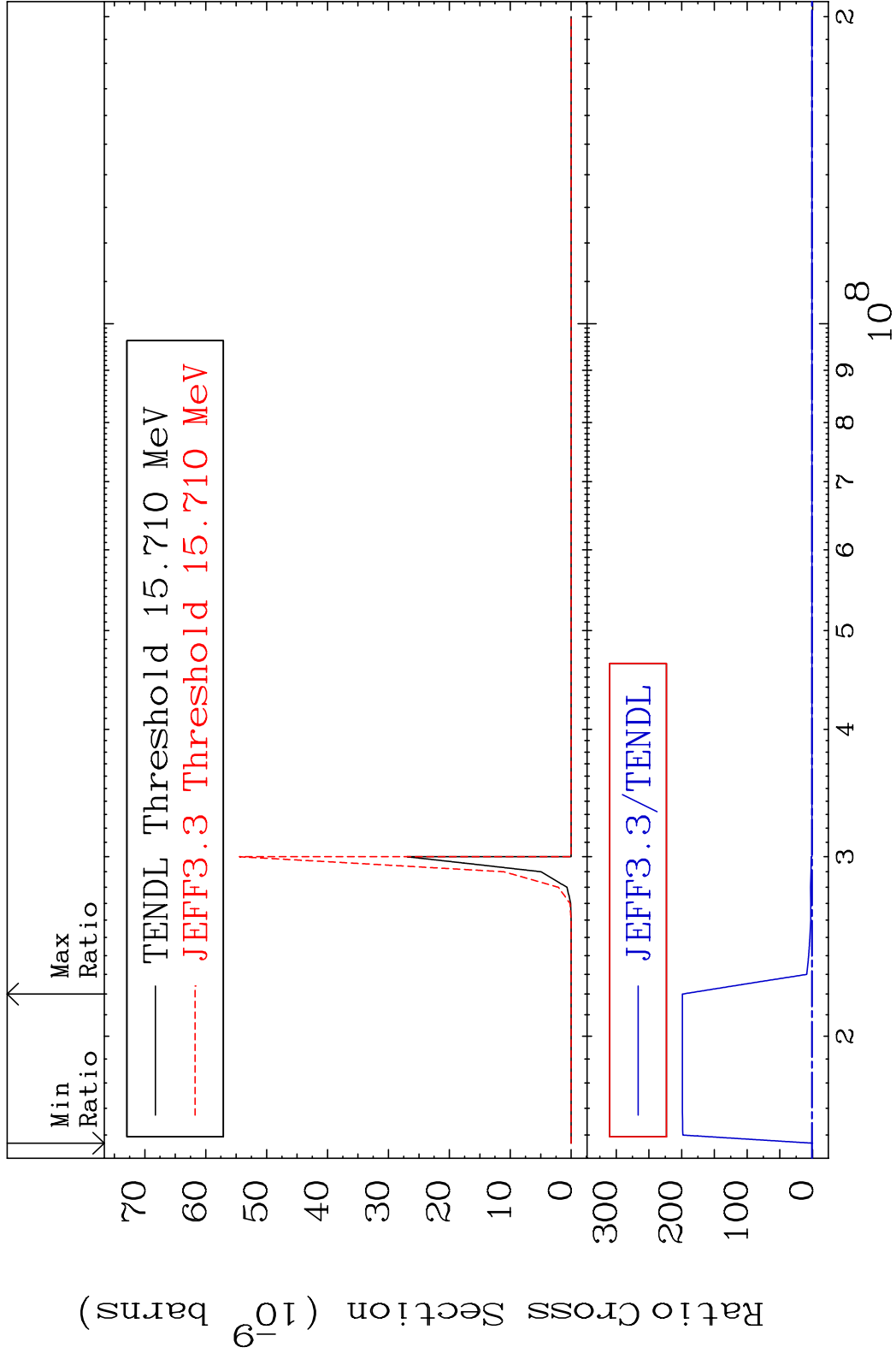
MAT 7046 (n,2n) p 70-Yb-175
 Cross Section -100.0 To 8623. %



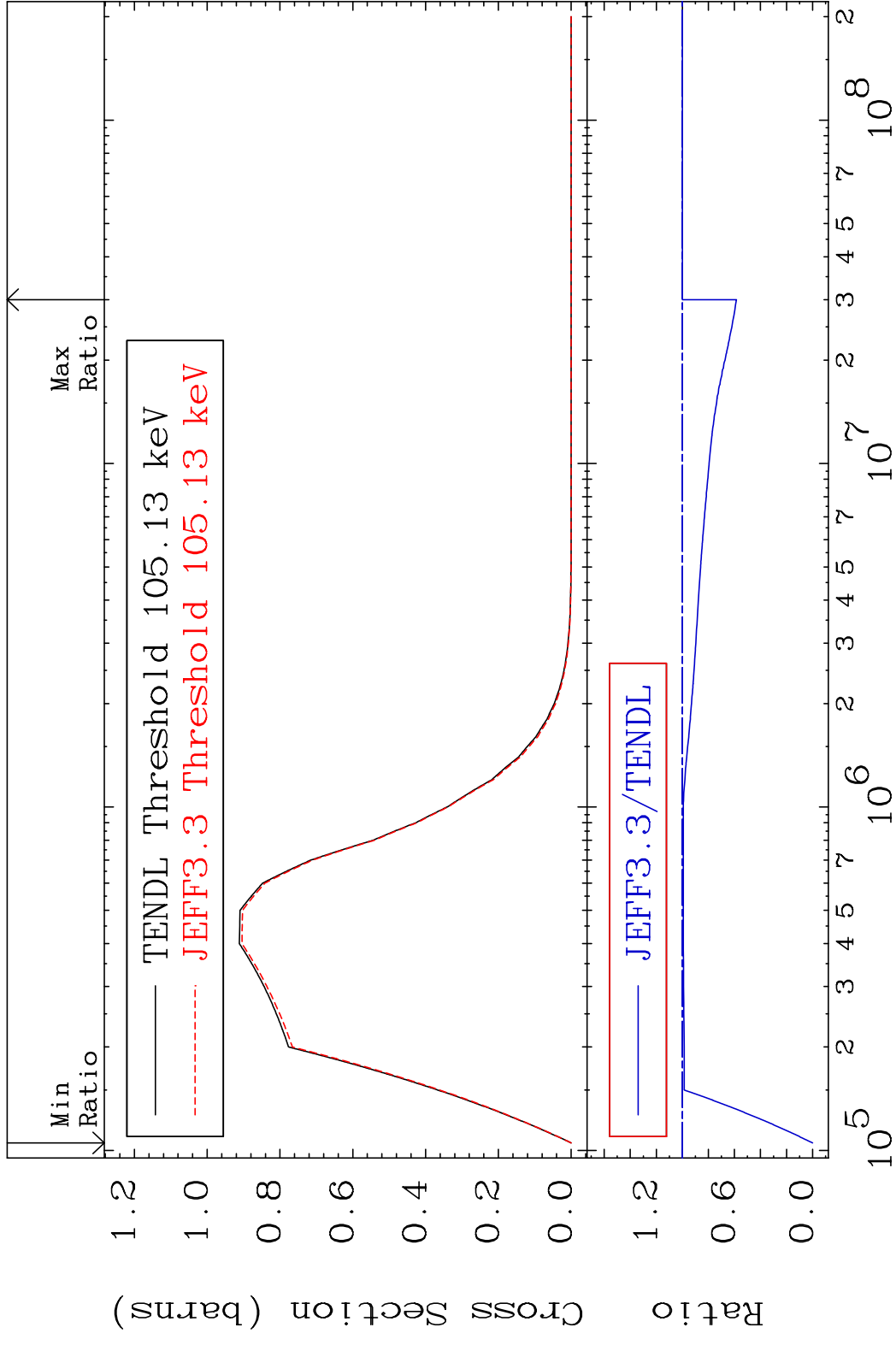
MAT 7046 (n,3n) p 70-Yb-175
 Cross Section 0.000 To 9999. %



MAT 7046 (n,2n) p 70-Yb-175
 Cross Section -100.0 To 9999. %

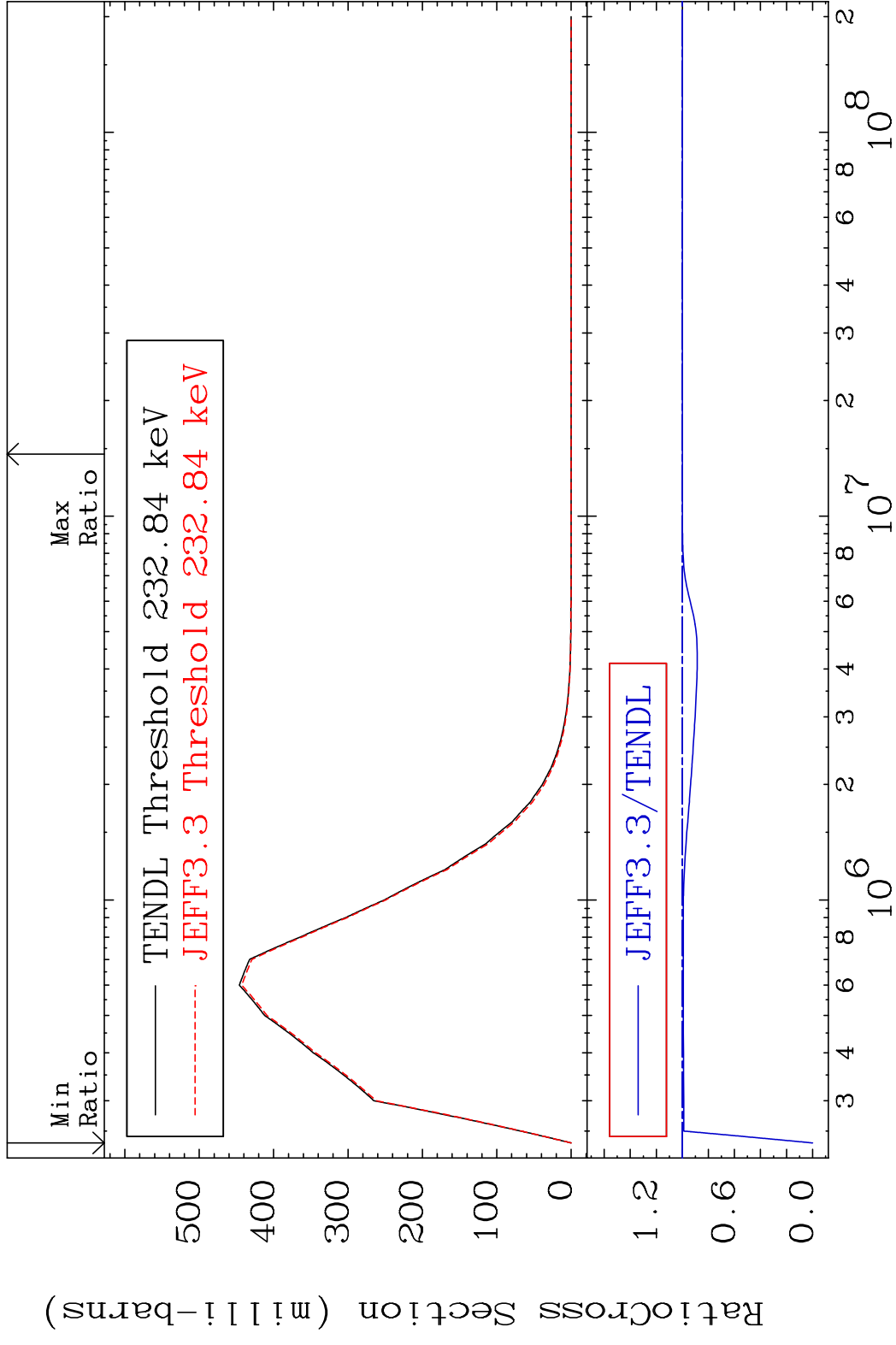


MAT 7046 MT= 51 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %

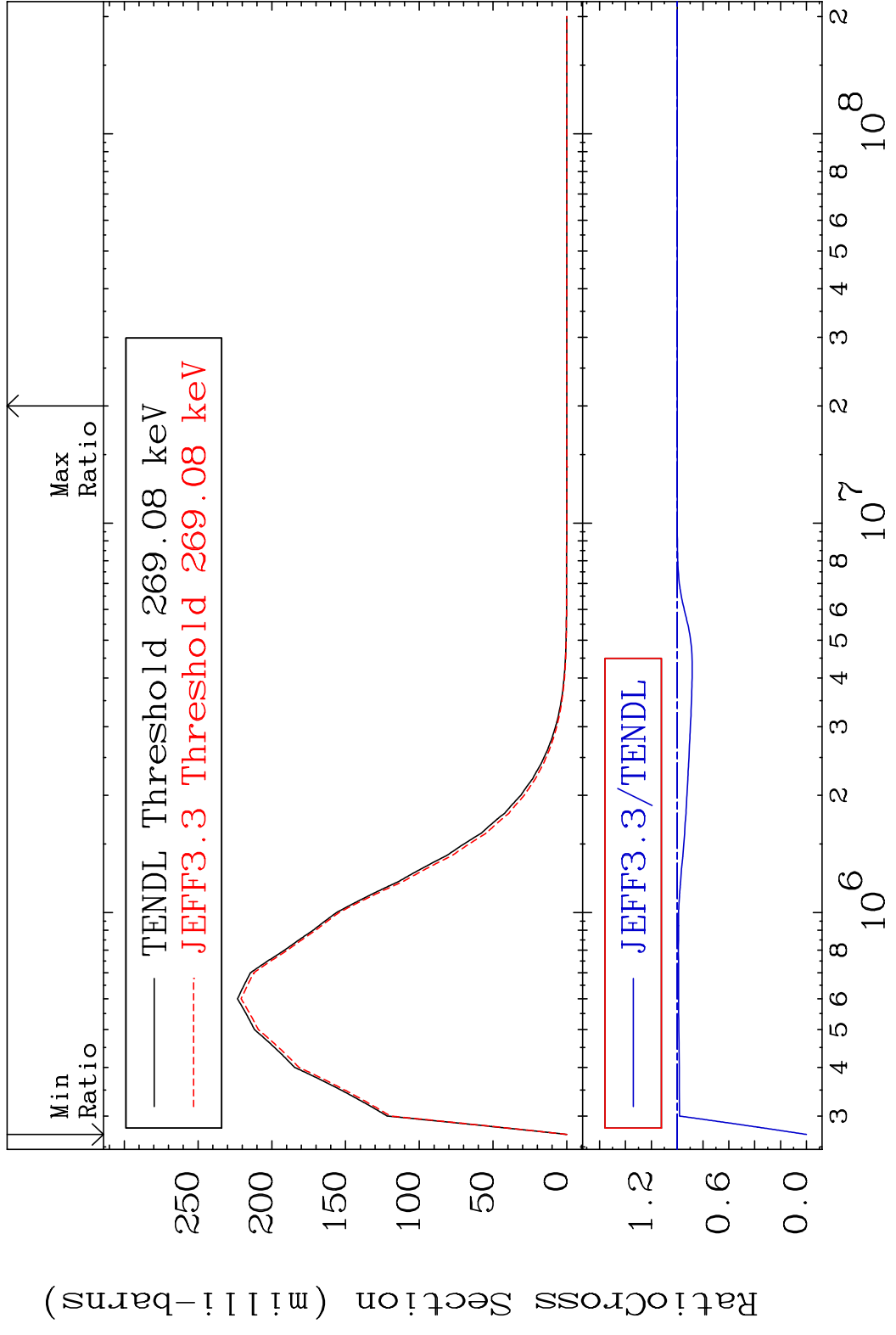


18 Incident Energy (eV) 70-Yb-175

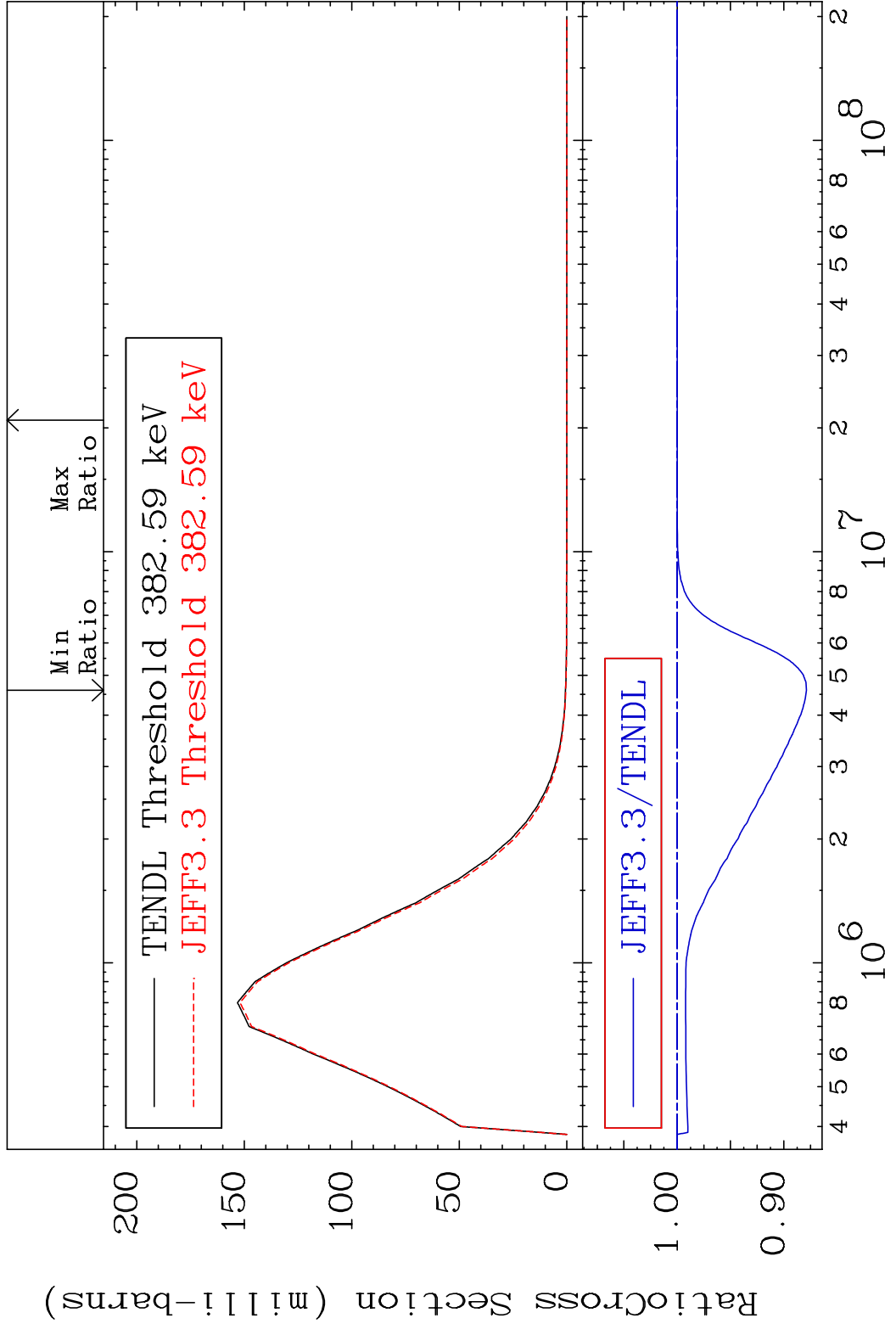
MAT 7046 MT= 52 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %



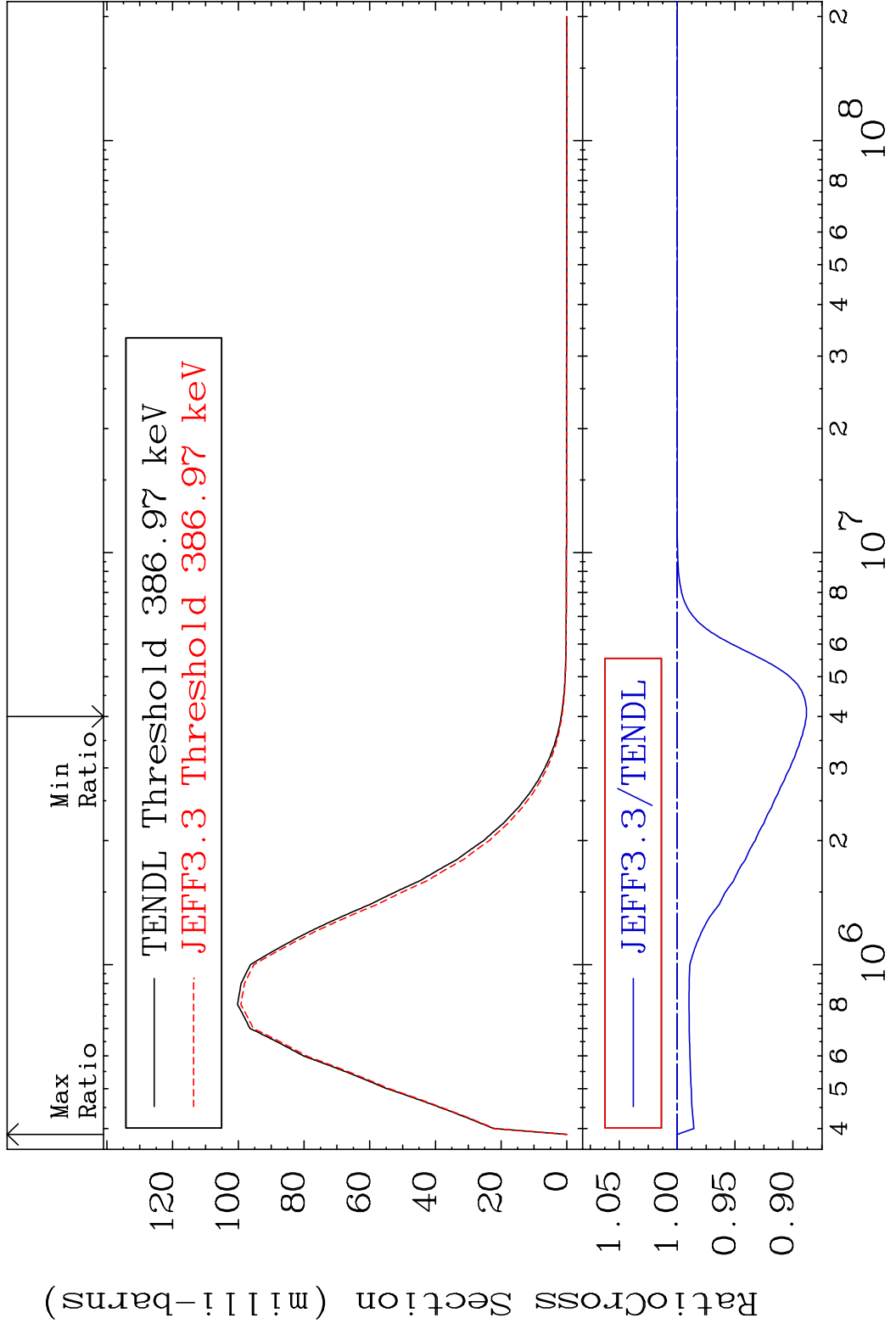
MAT 7046 MT= 53 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %



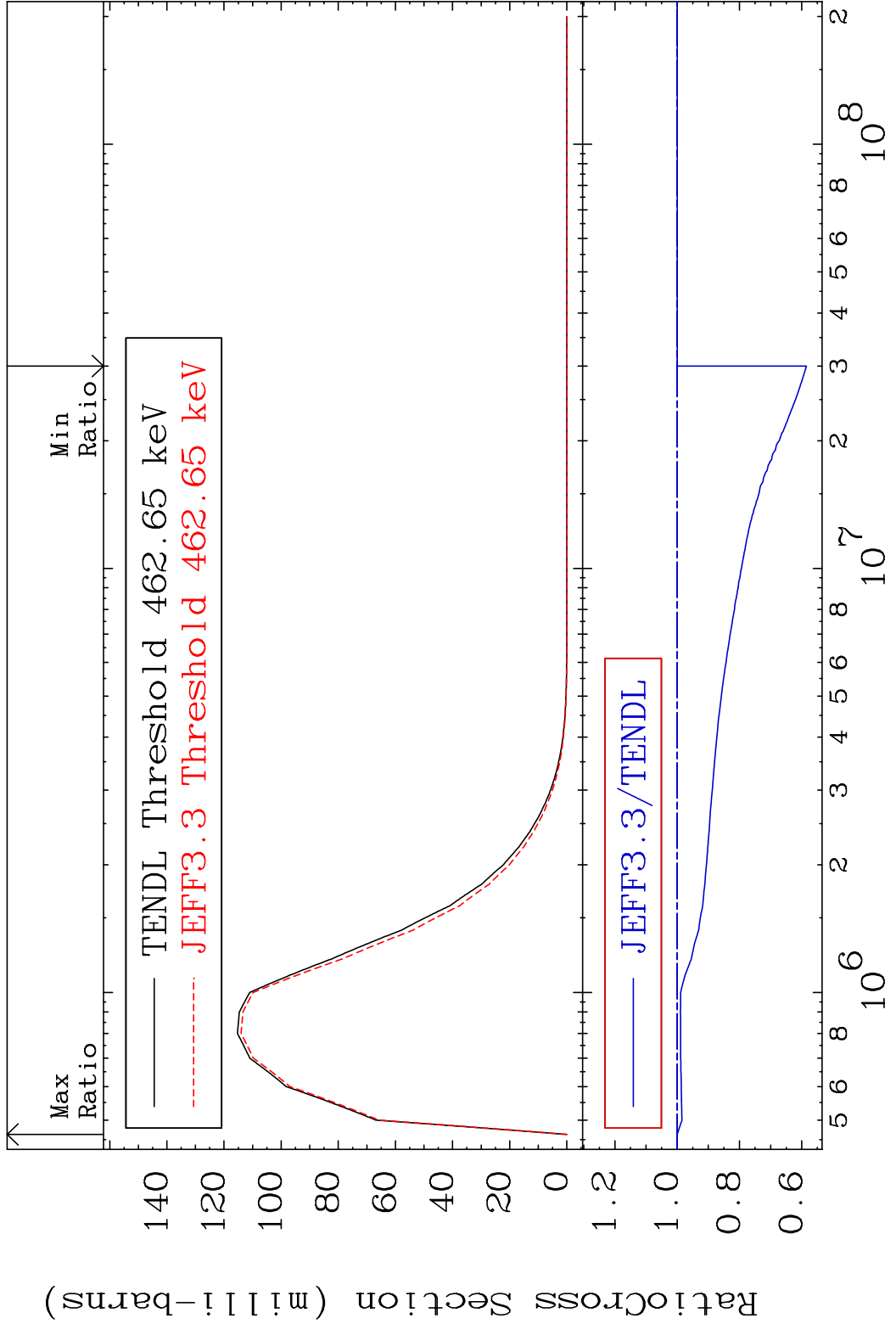
MAT 7046 MT= 54 (n, n') Level 70-Yb-175
 Cross Section -12.12 To 0.000 %



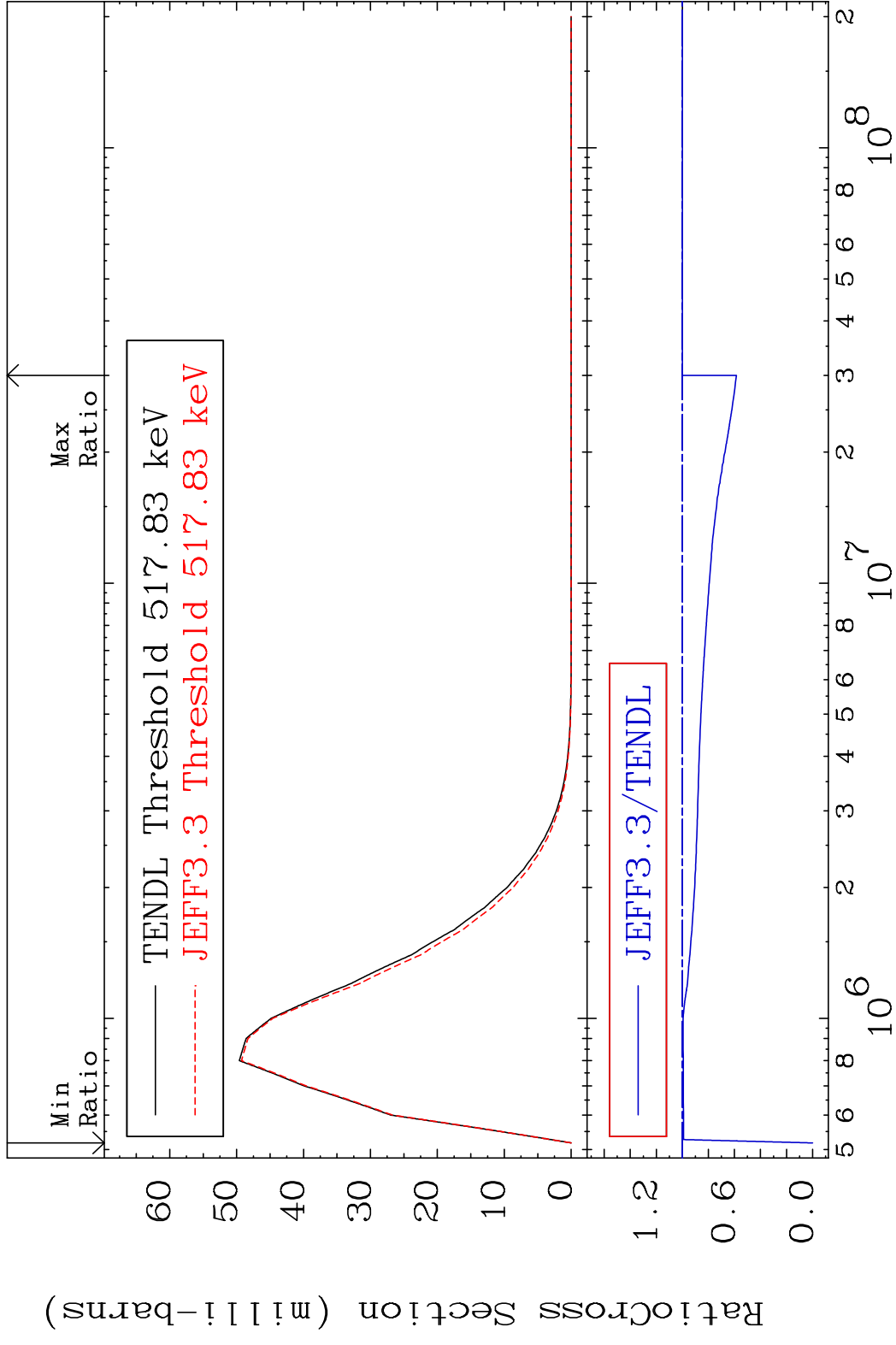
MAT 7046 MT= 55 (n,n') Level 70-Yb-175
 Cross Section -11.17 To 0.000 %



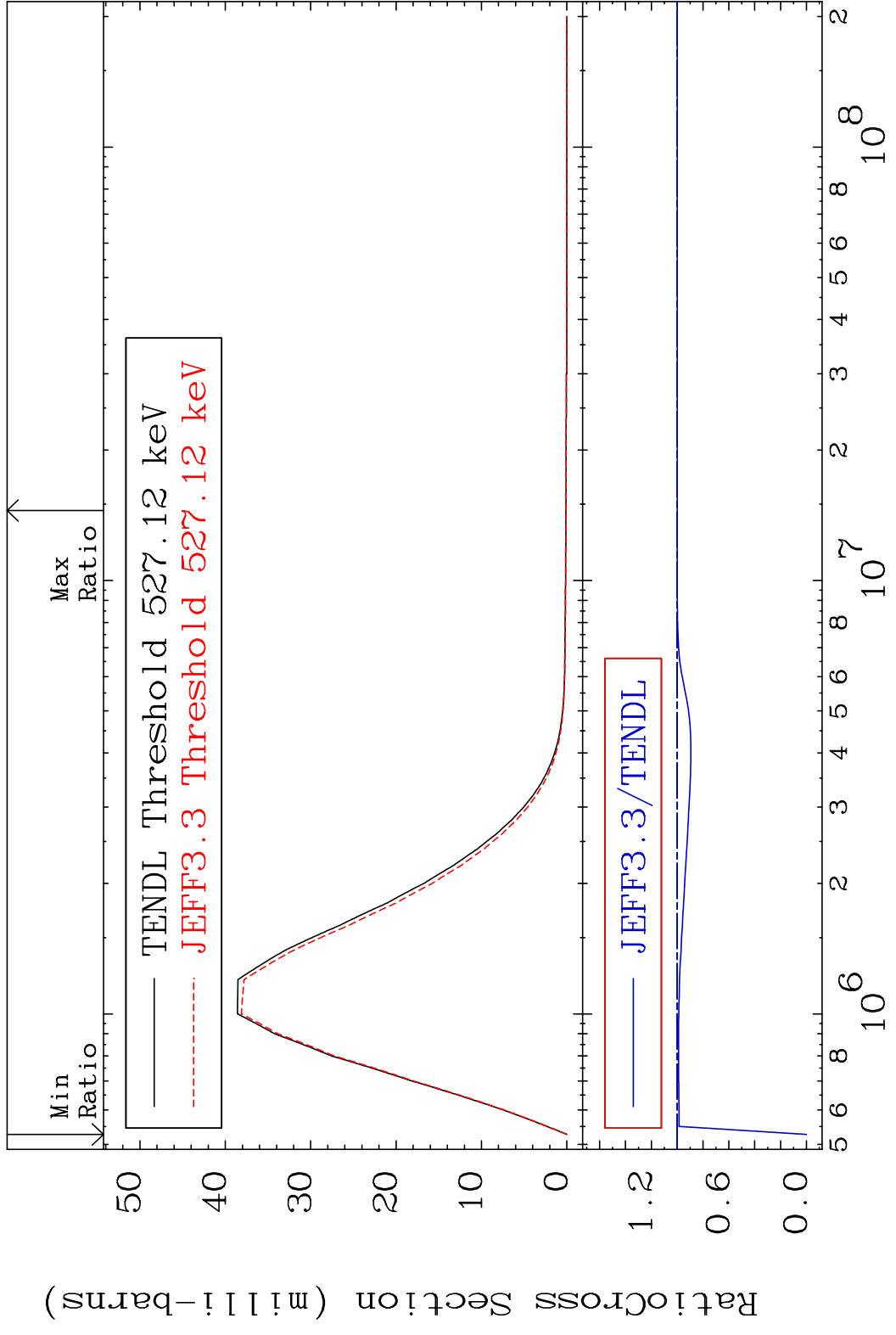
MAT 7046 MT= 56 (n,n') Level 70-Yb-175
 Cross Section -41.49 To 0.000 %



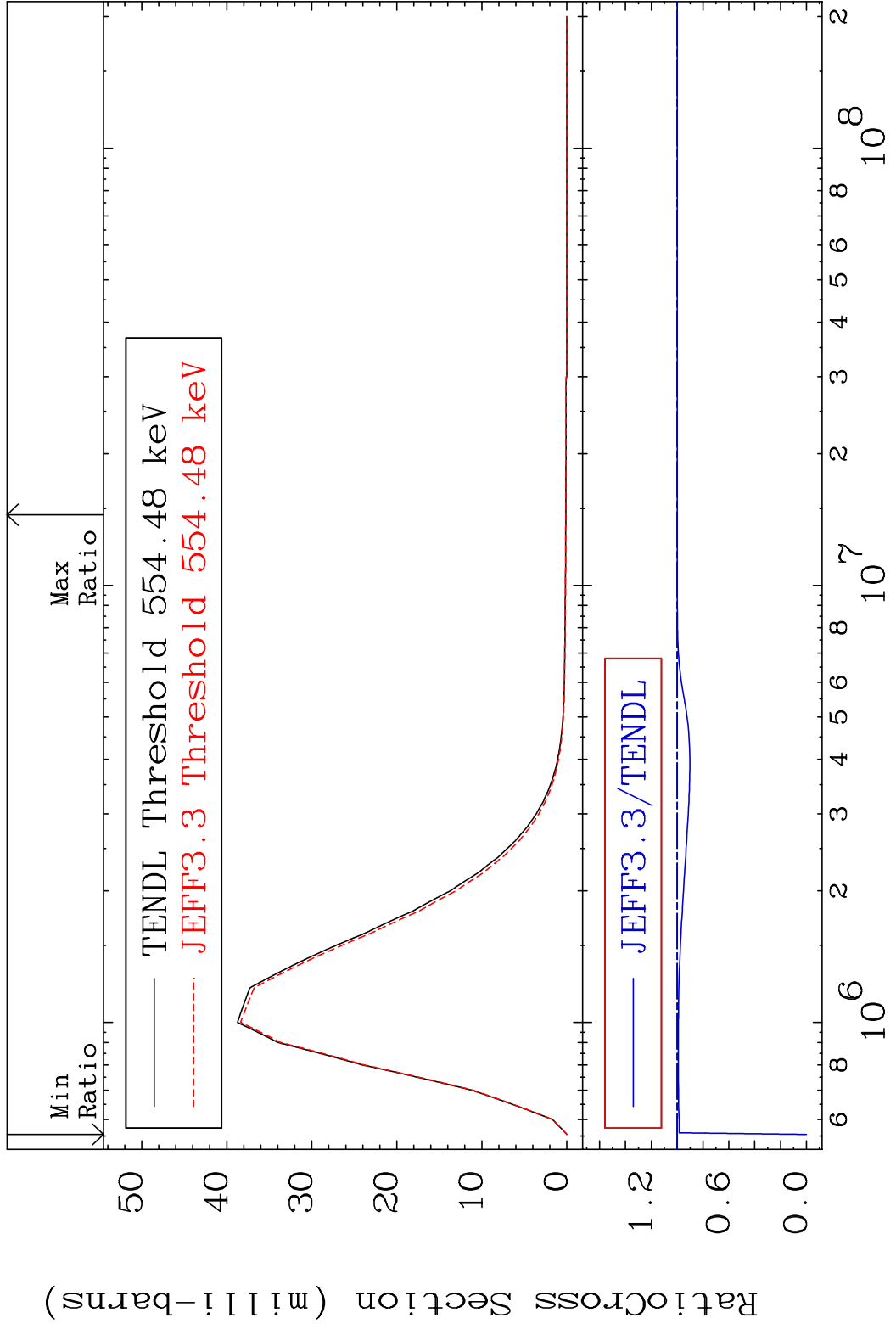
MAT 7046 MT= 57 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %



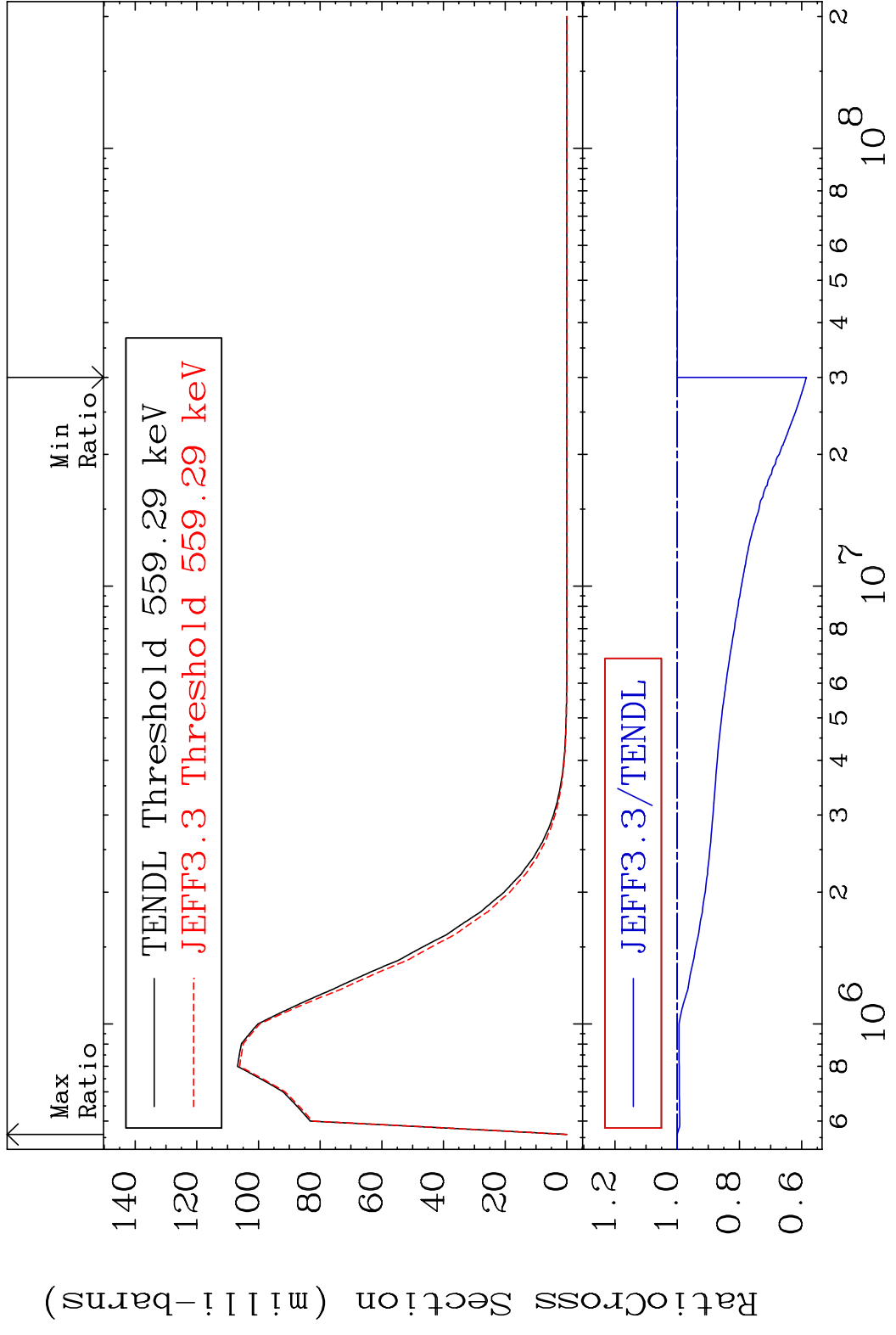
MAT 7046 MT= 58 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %



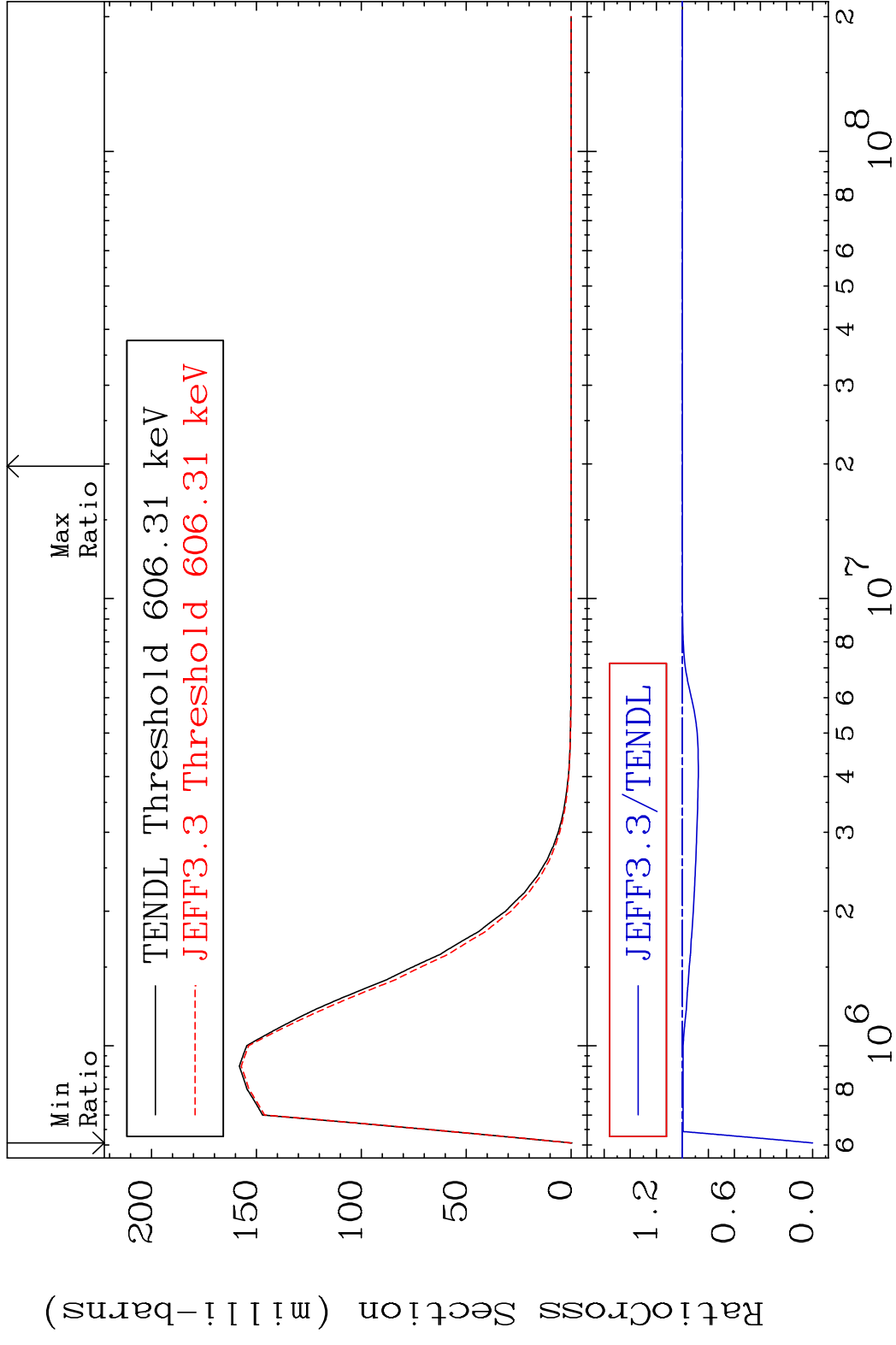
MAT 7046 MT= 59 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %



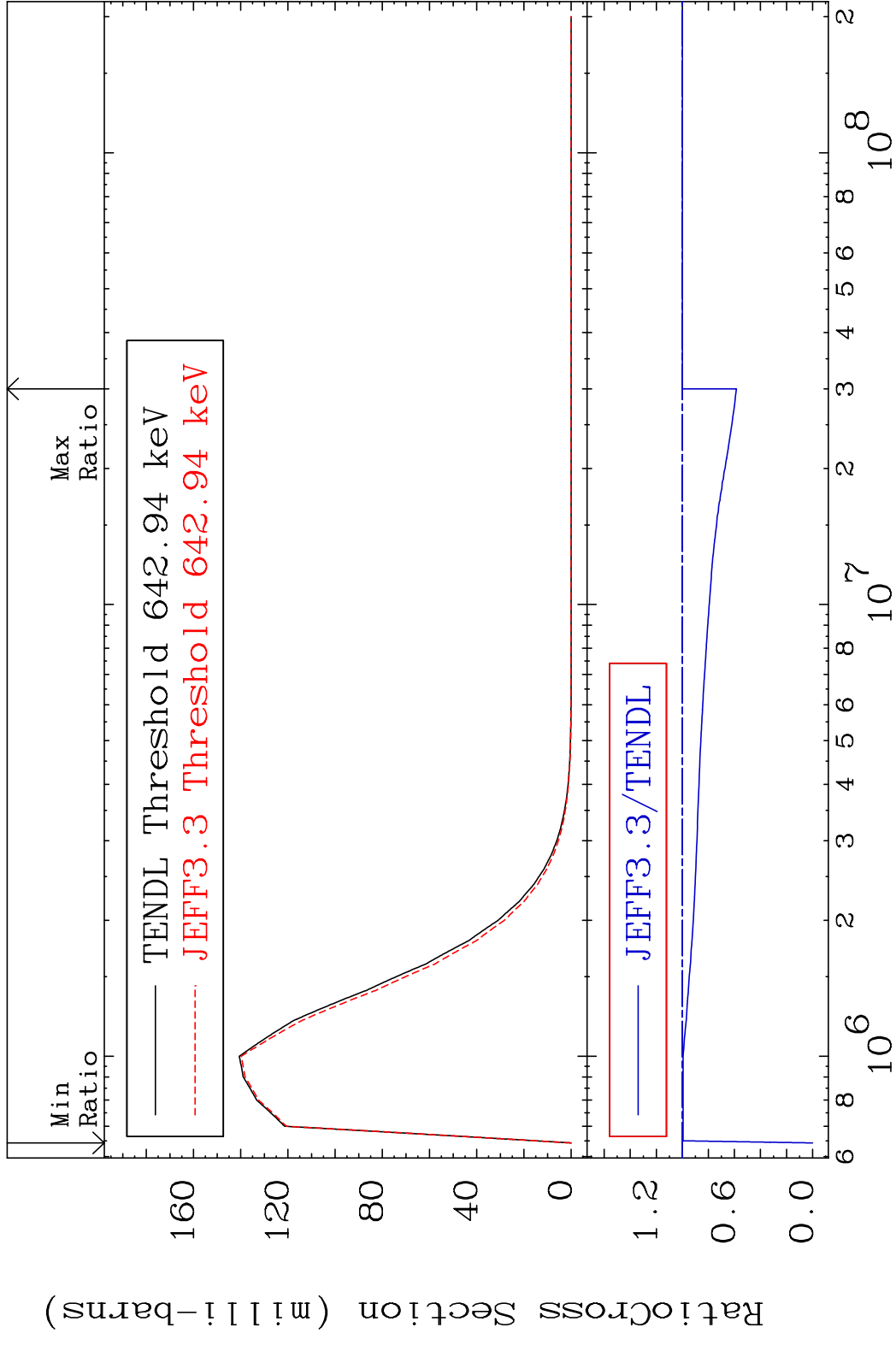
MAT 7046 MT= 60 (n, n') Level 70-Yb-175
 Cross Section -41.49 To 0.000 %



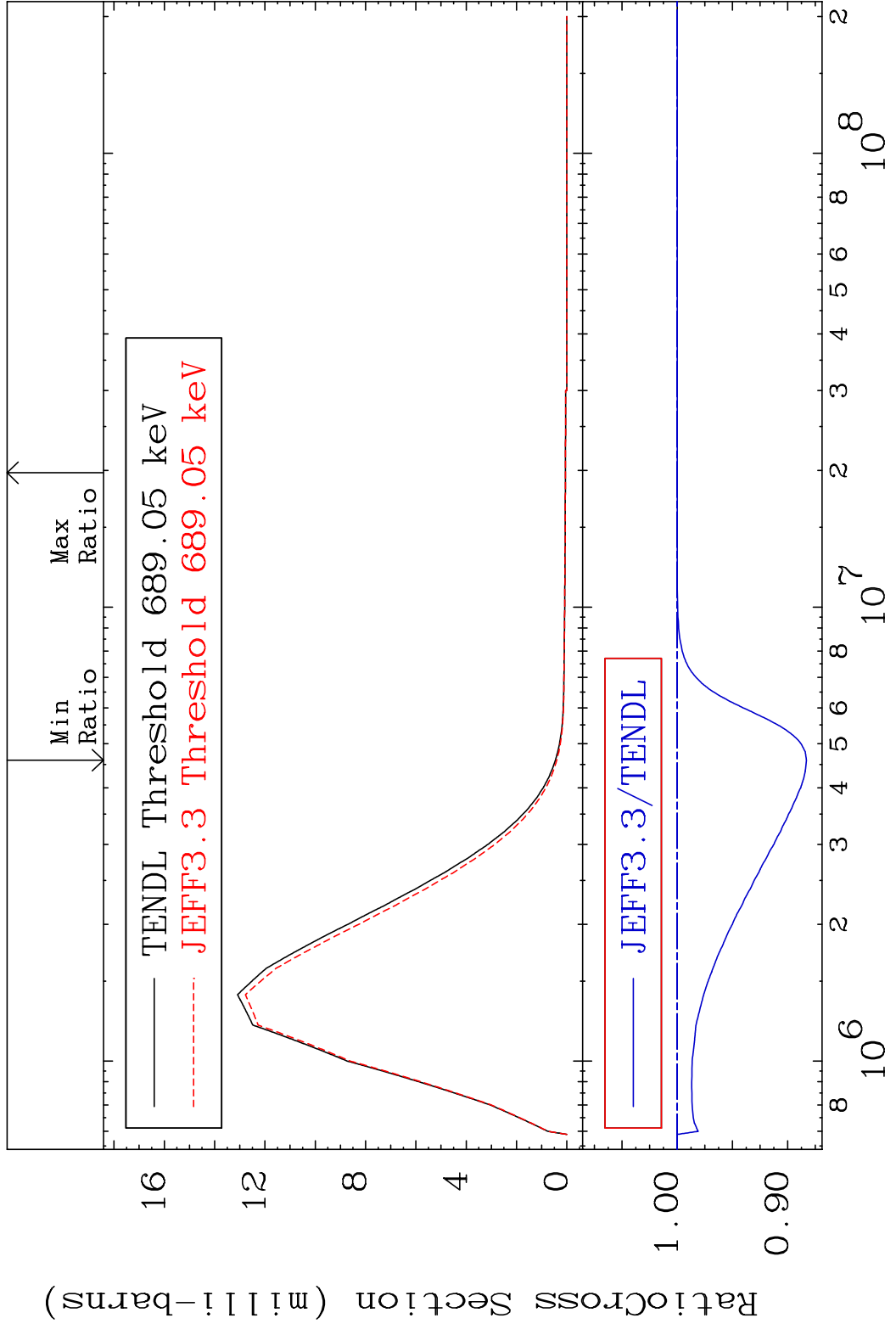
MAT 7046 MT= 61 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %



MAT 7046 MT= 62 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %

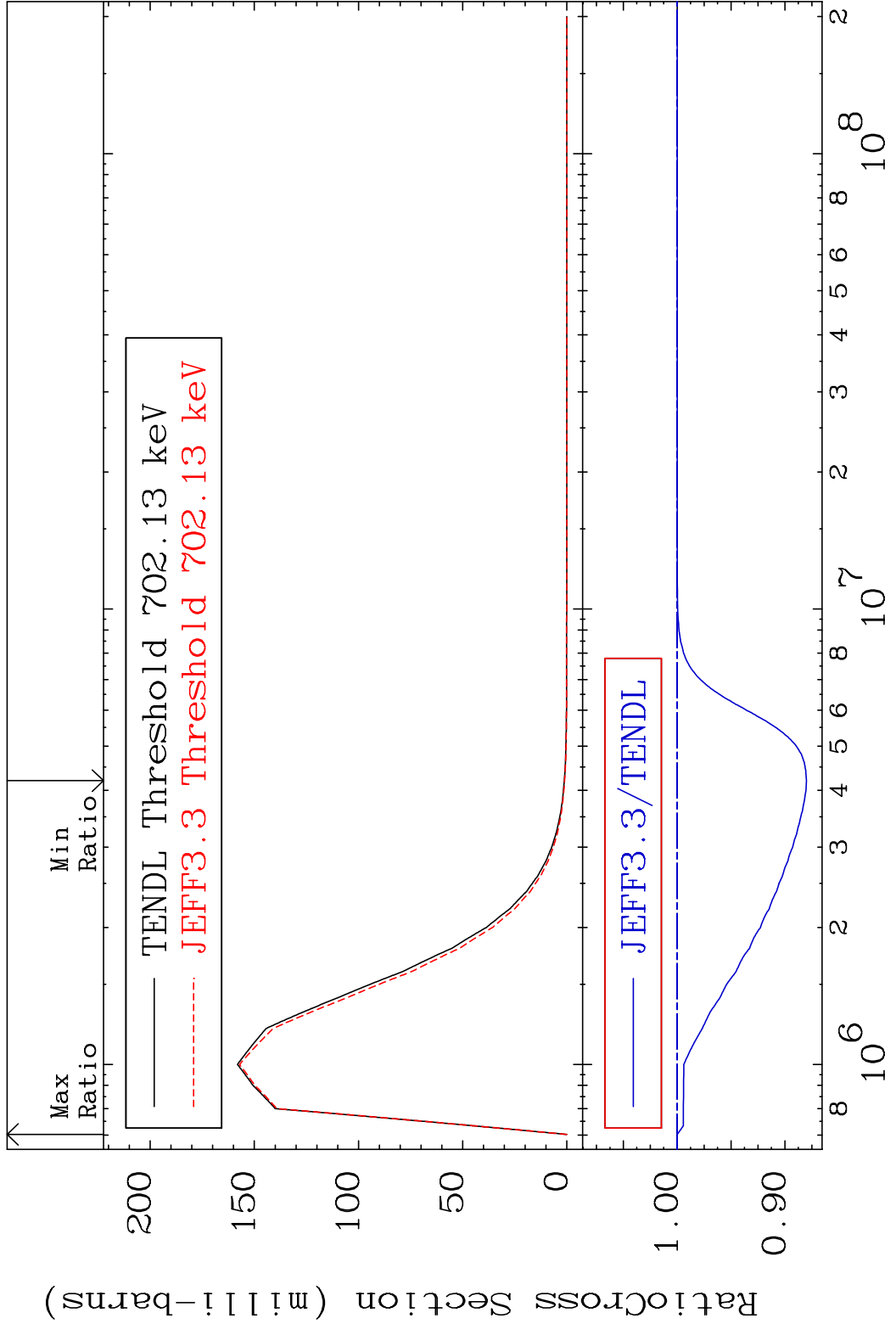


MAT 7046 MT= 63 (n, n') Level 70-Yb-175
 Cross Section -11.70 To 0.000 %

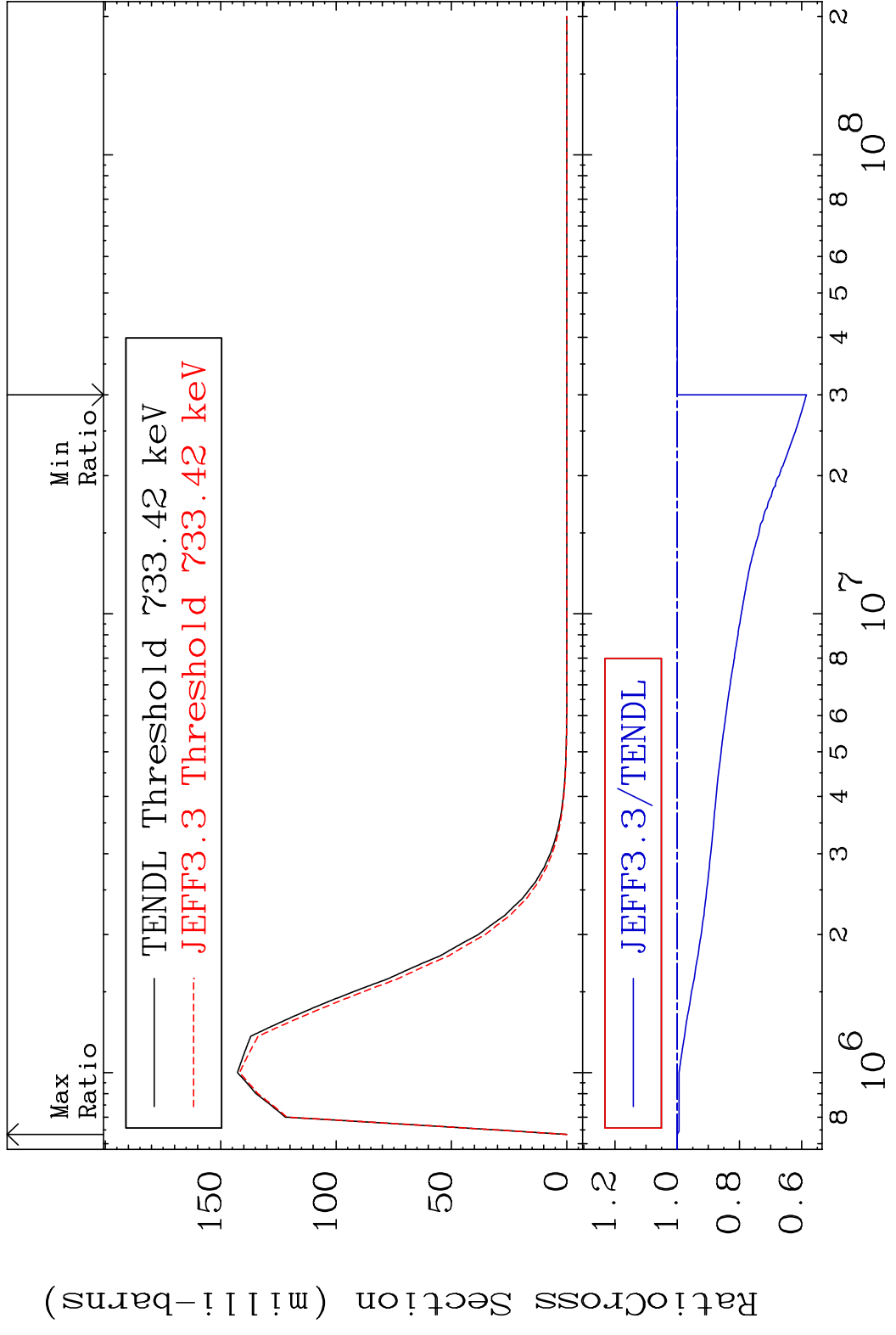


30 Incident Energy (eV) 70-Yb-175

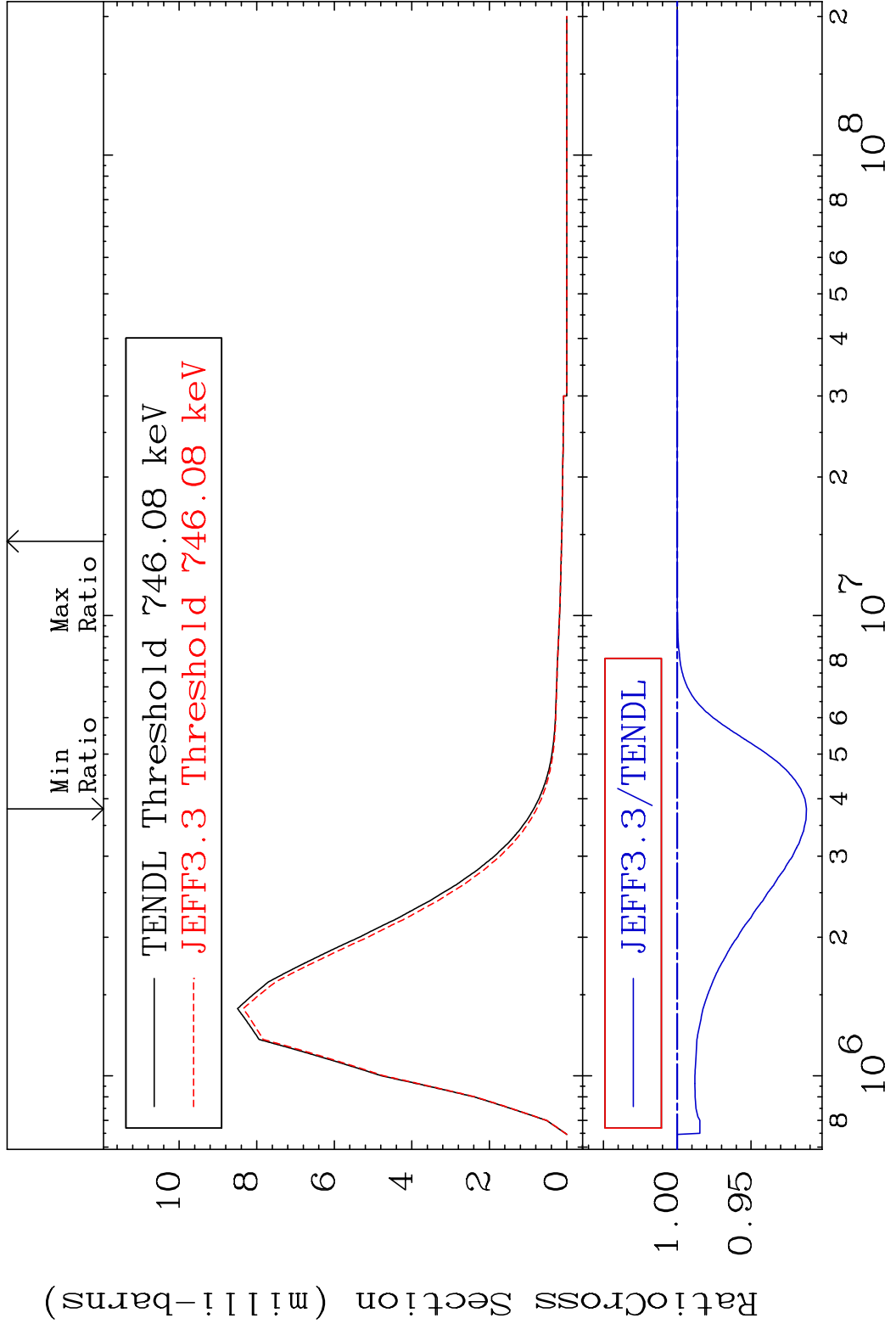
MAT 7046 MT= 64 (n, n') Level 70-Yb-175
 Cross Section -12.00 To 0.000 %



MAT 7046 MT= 65 (n, n') Level 70-Yb-175
 Cross Section -41.48 To 0.000 %



MAT 7046 MT= 66 (n, n') Level 70-Yb-175
 Cross Section -8.750 To 0.000 %

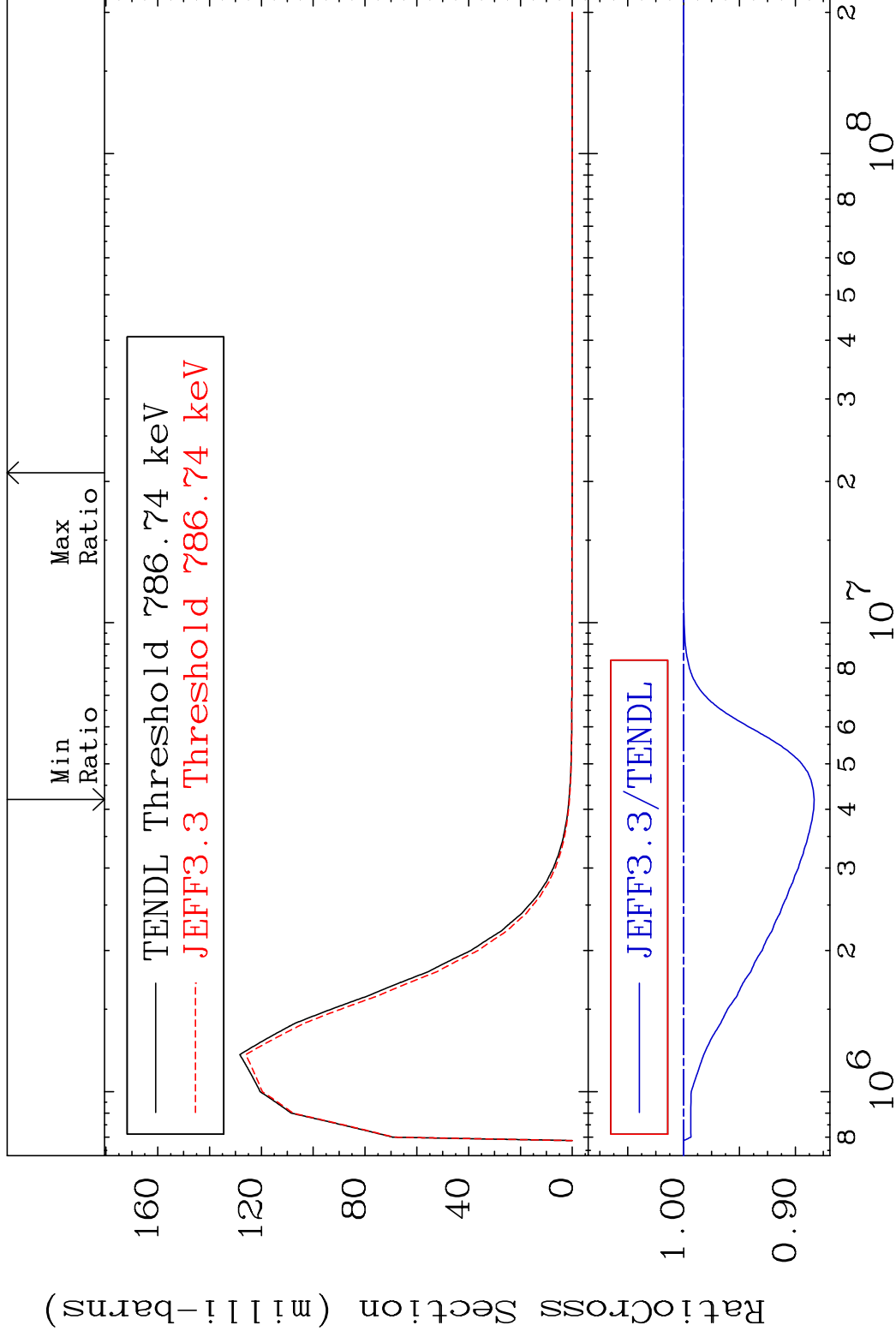


MAT 7046

MT= 67 (n, n') Level

70-Yb-175

Cross Section -11.67 To 0.000 %

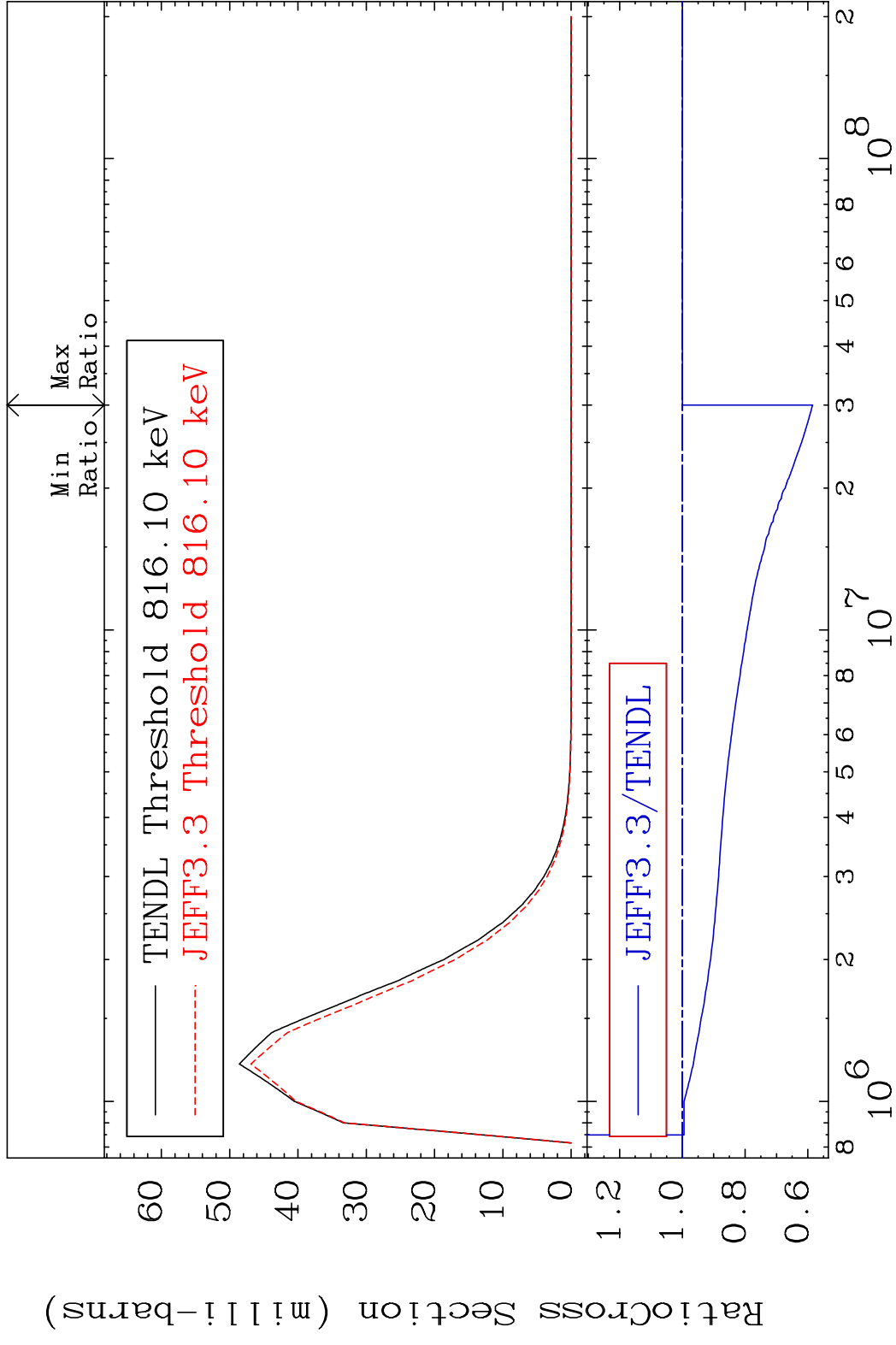


34

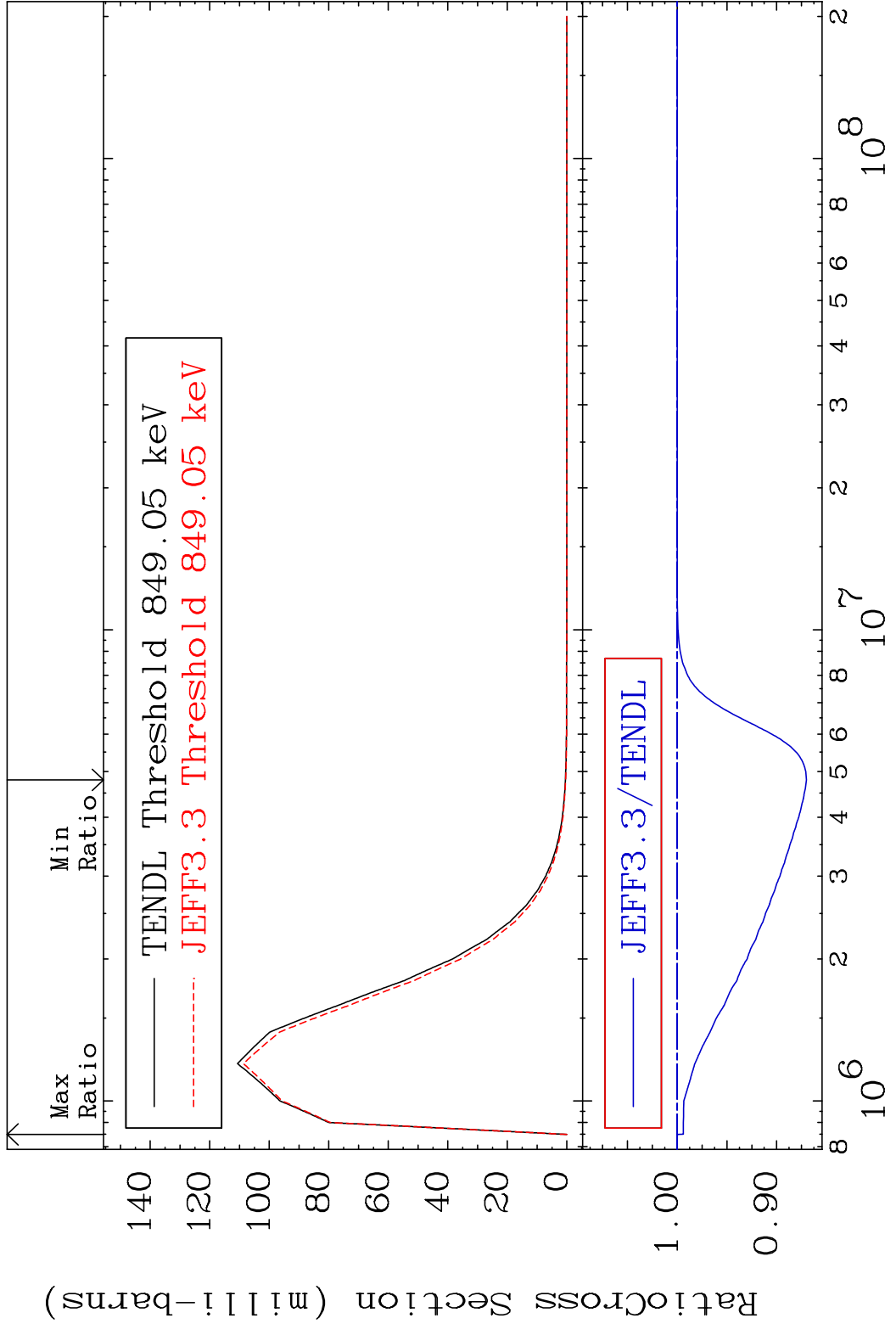
Incident Energy (eV)

70-Yb-175

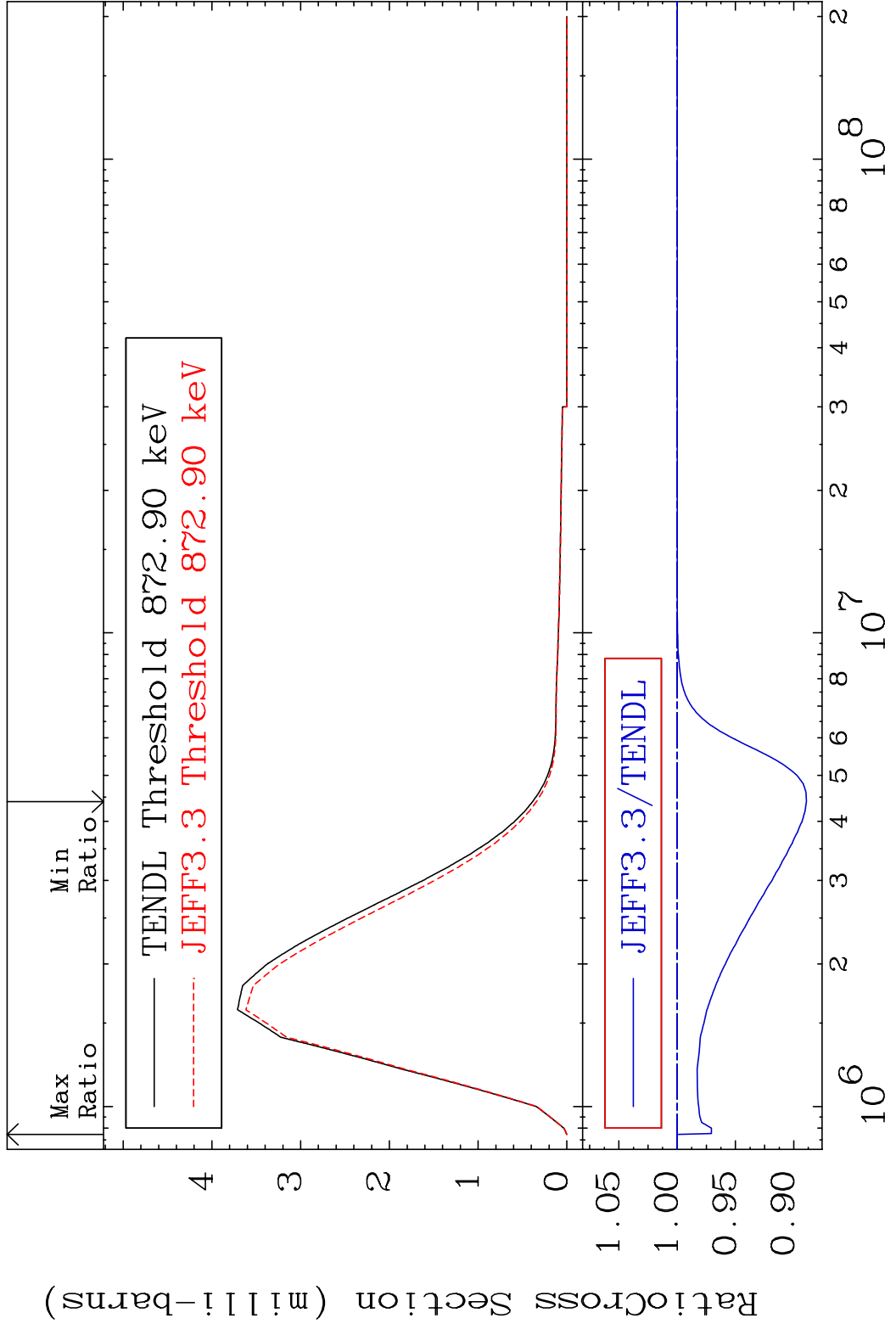
MAT 7046 MT= 68 (n, n') Level 70-Yb-175
 Cross Section -41.49 To 0.000 %



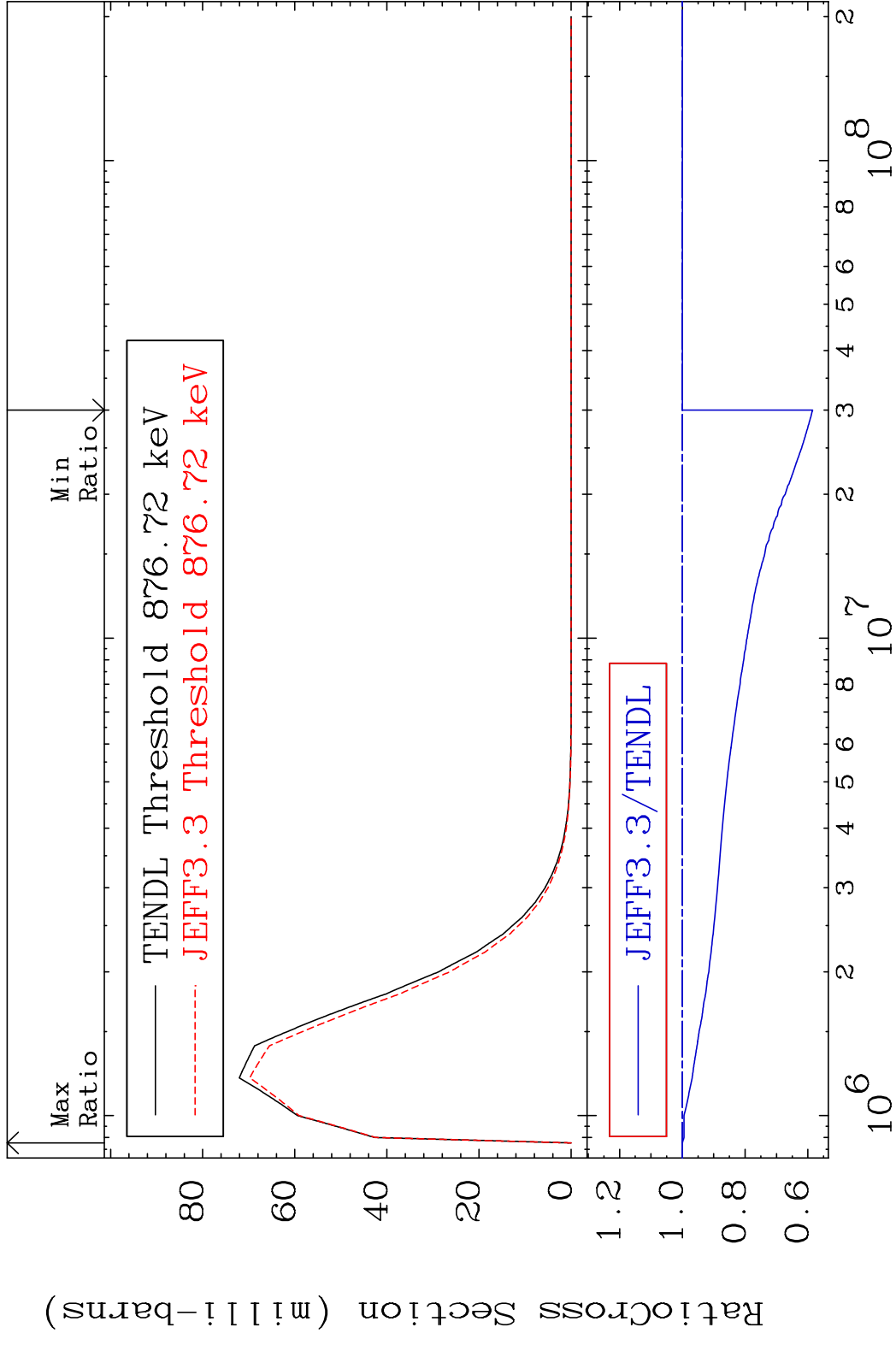
MAT 7046 MT= 69 (n, n') Level 70-Yb-175
 Cross Section -12.99 To 0.000 %



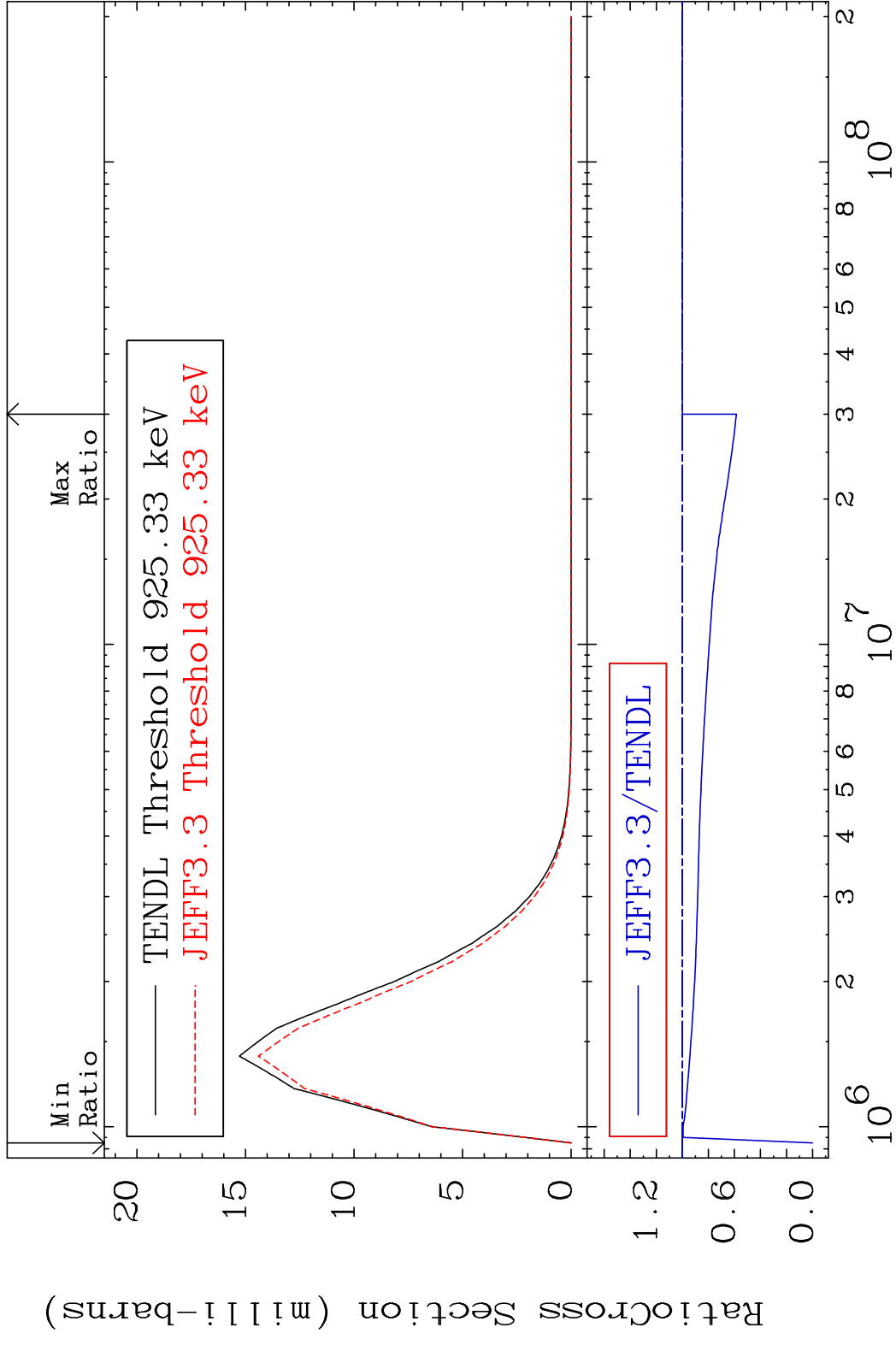
MAT 7046 MT= 70 (n, n') Level 70-Yb-175
 Cross Section -11.08 To 0.000 %



MAT 7046 MT= 71 (n, n') Level 70-Yb-175
 Cross Section -41.49 To 0.000 %



MAT 7046 MT= 72 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %



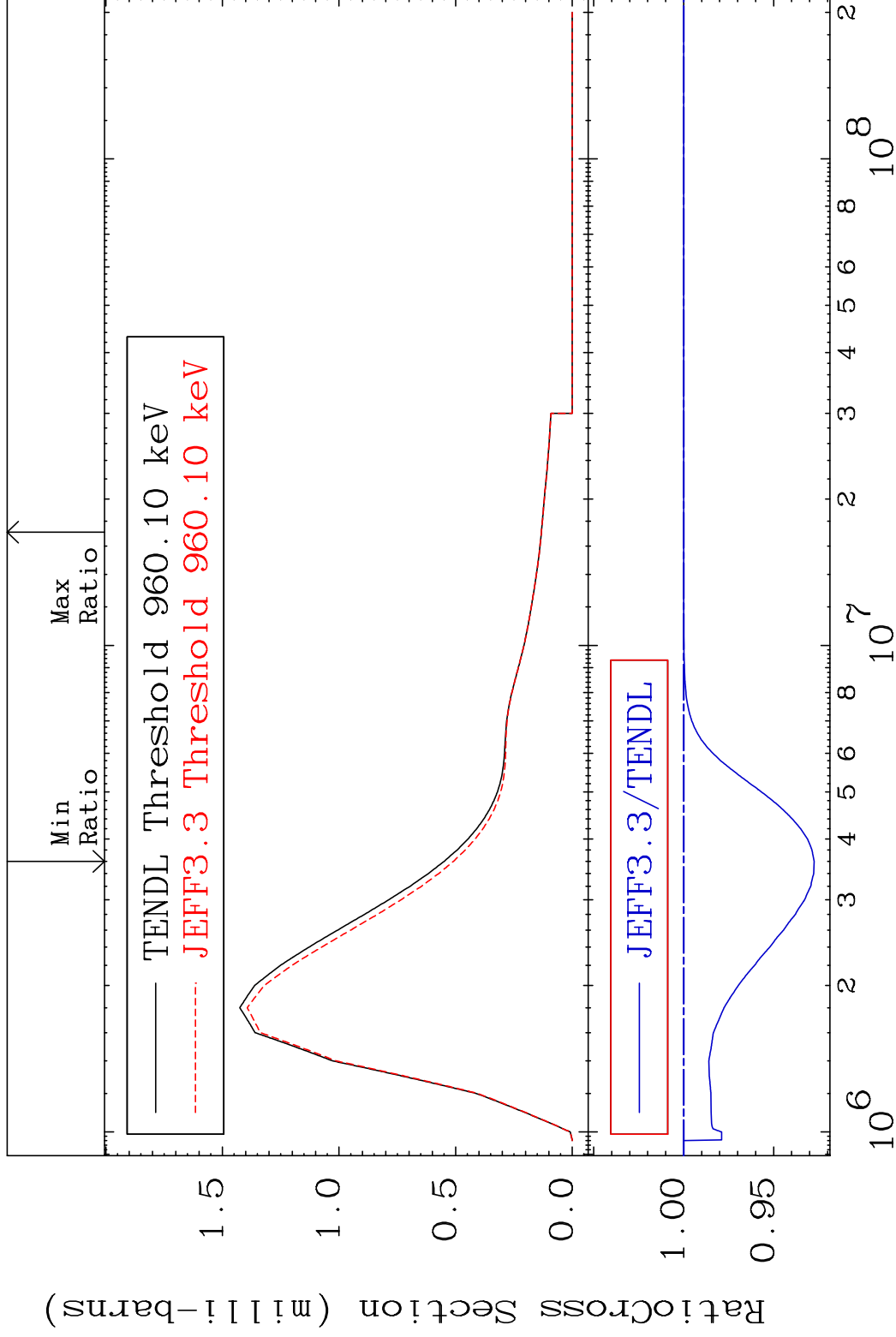
39 Incident Energy (eV) 70-Yb-175

MAT 7046

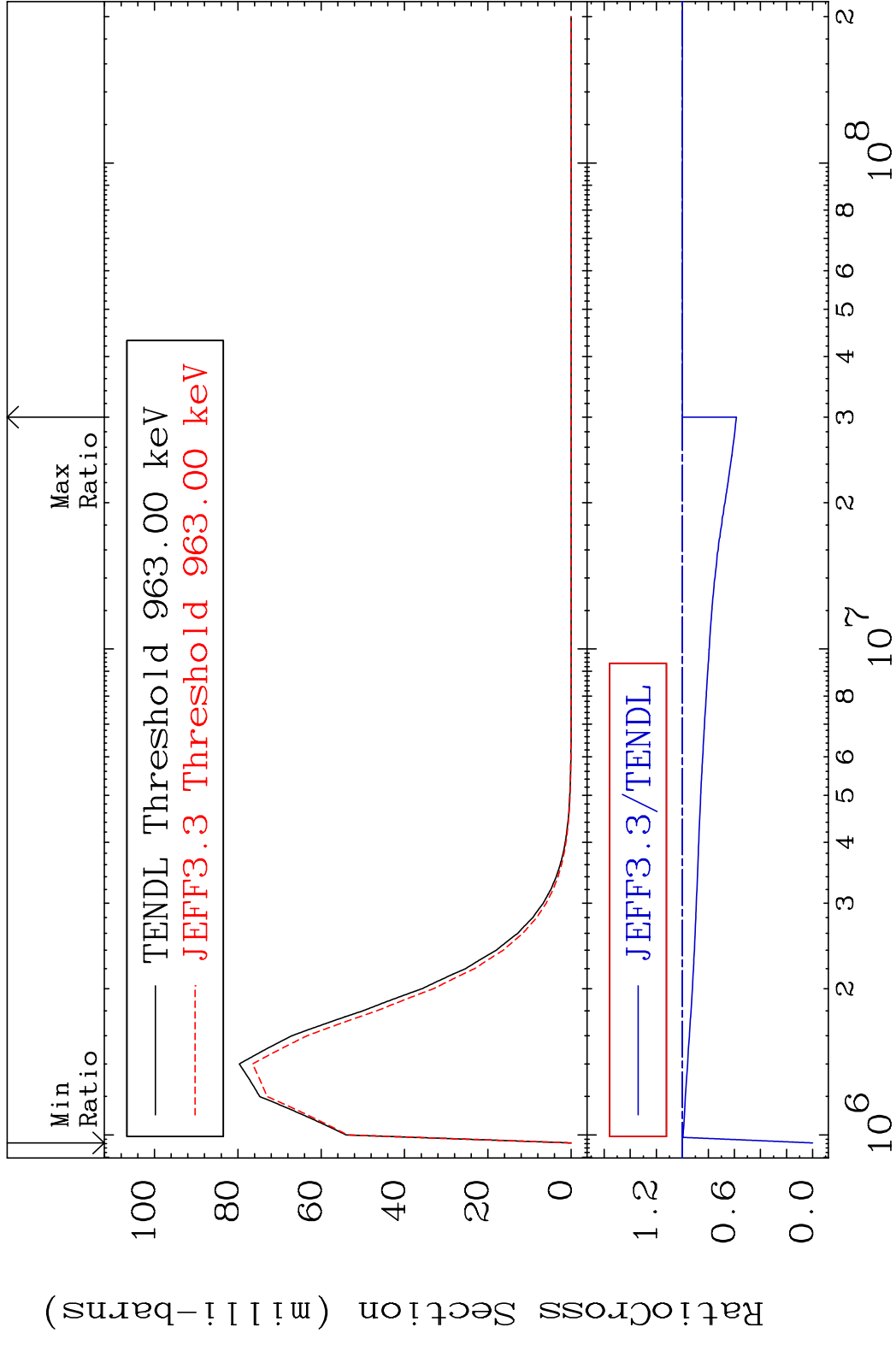
MT= 73 (n, n') Level

70-Yb-175

Cross Section -7.249 To 0.000 %

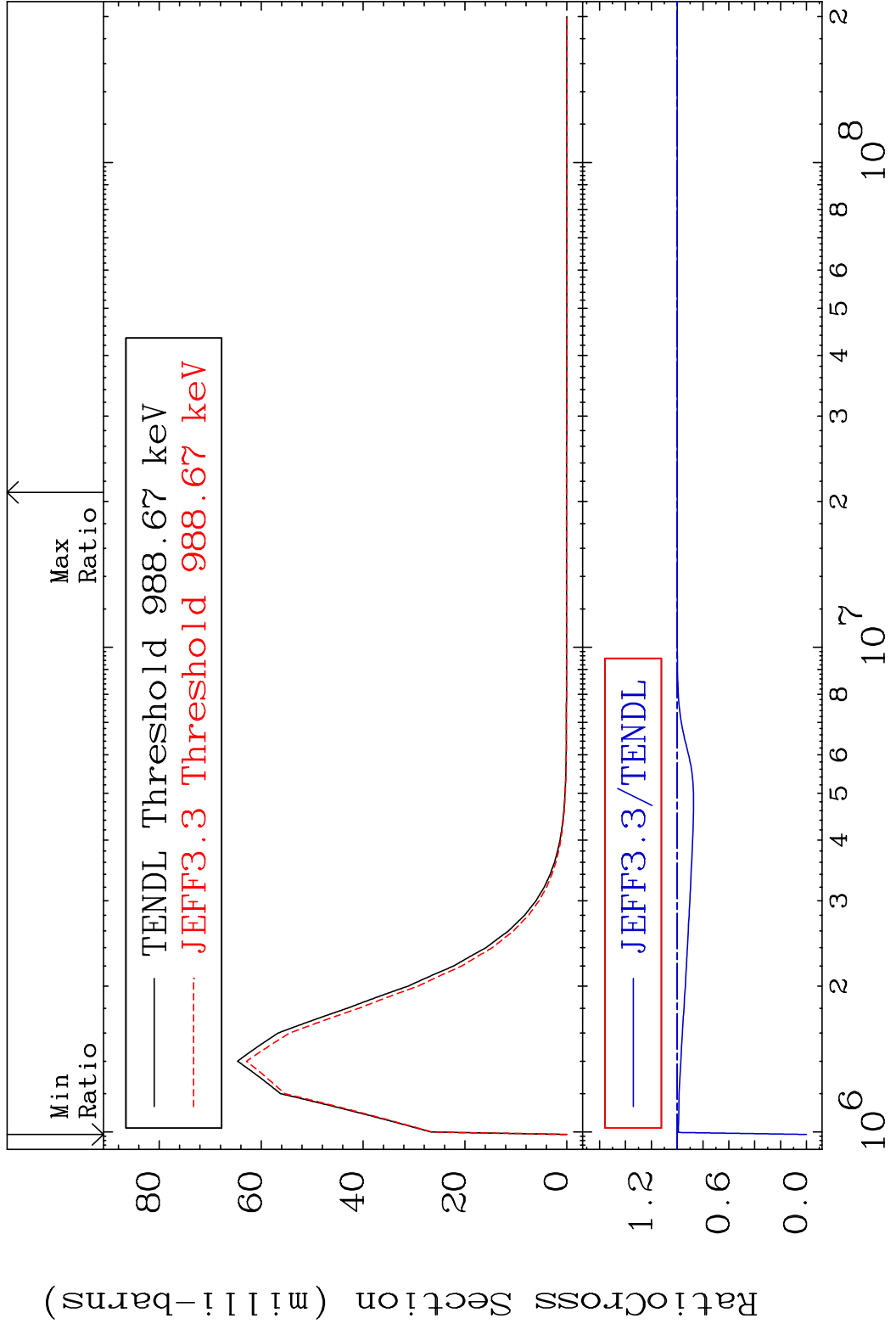


MAT 7046 MT= 74 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %



41 Incident Energy (eV) 70-Yb-175

MAT 7046 MT= 75 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %

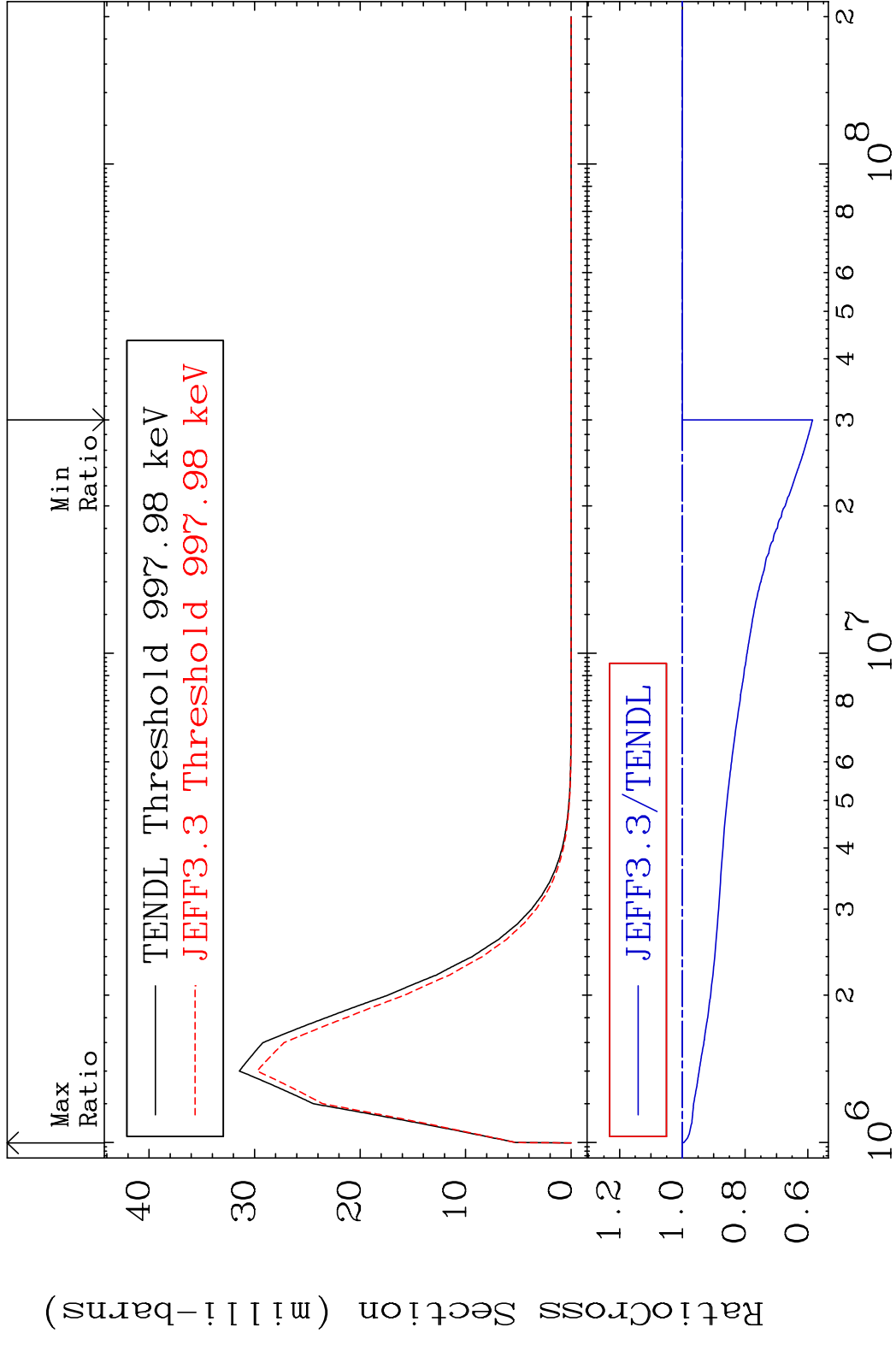


42

Incident Energy (eV)

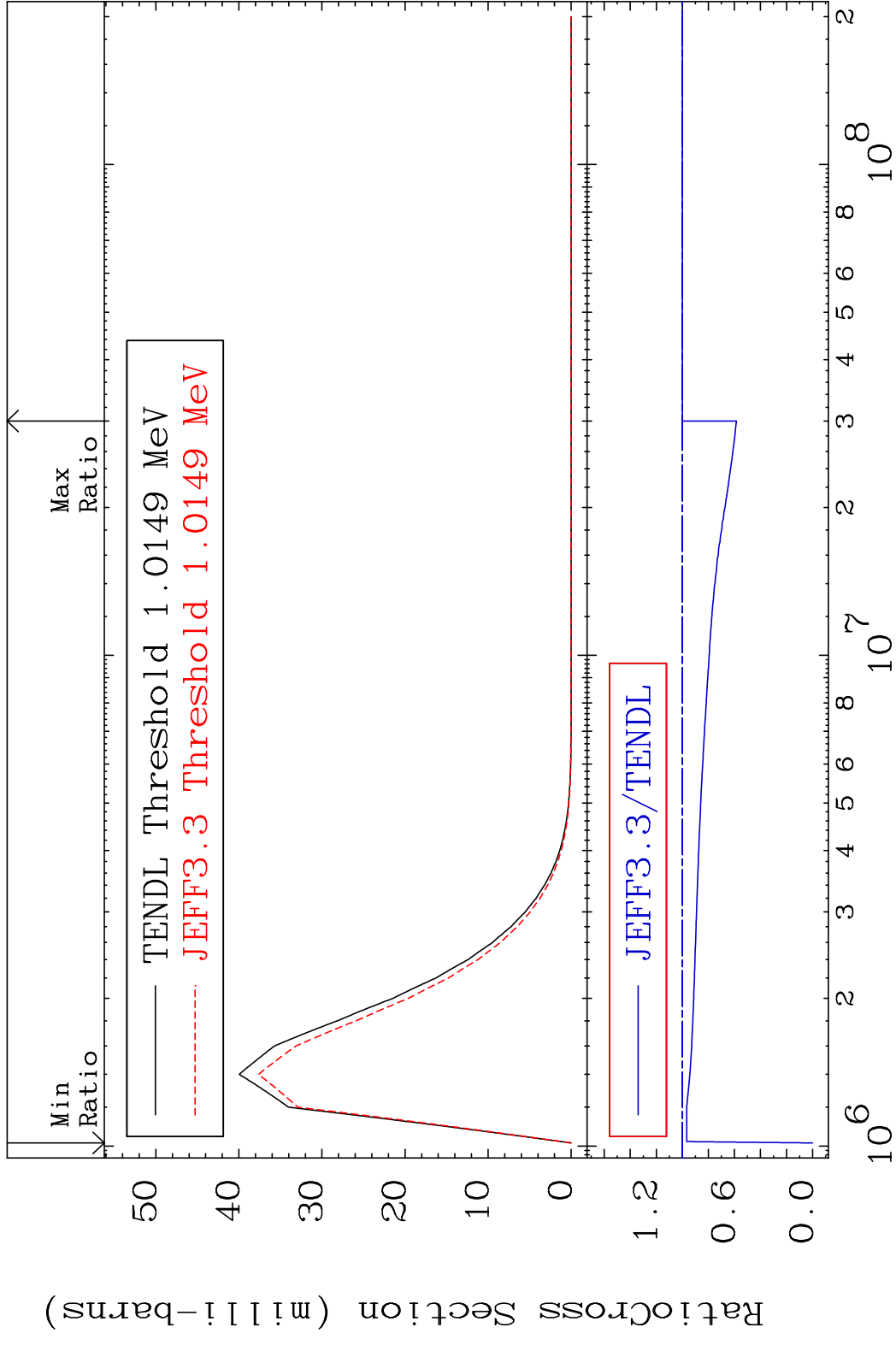
70-Yb-175

MAT 7046 MT= 76 (n,n') Level 70-Yb-175
 Cross Section -41.49 To 0.000 %

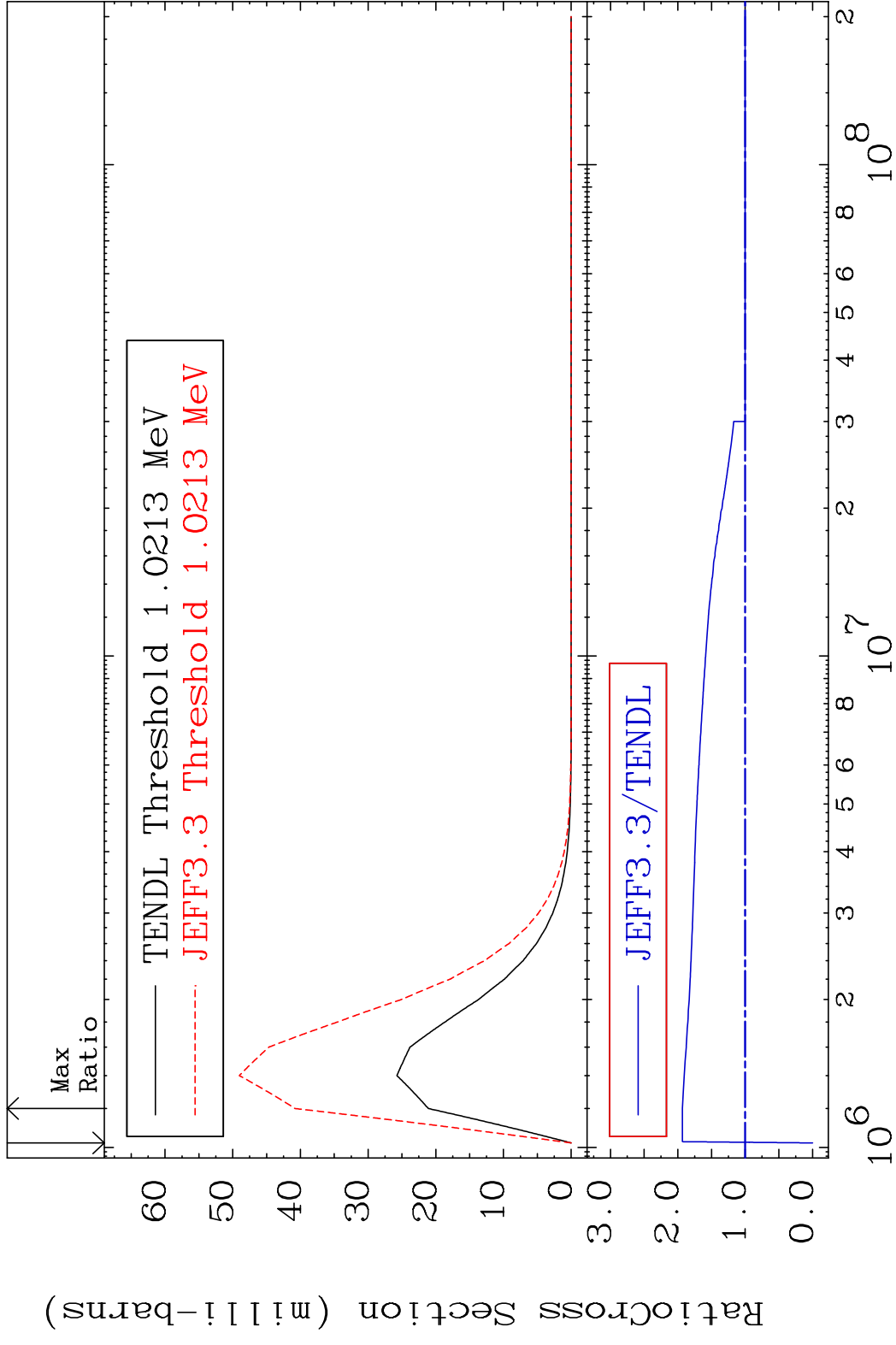


43 Incident Energy (eV) 70-Yb-175

MAT 7046 MT= 77 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 0.000 %



MAT 7046 MT= 78 (n, n') Level 70-Yb-175
 Cross Section -100.0 To 93.27 %



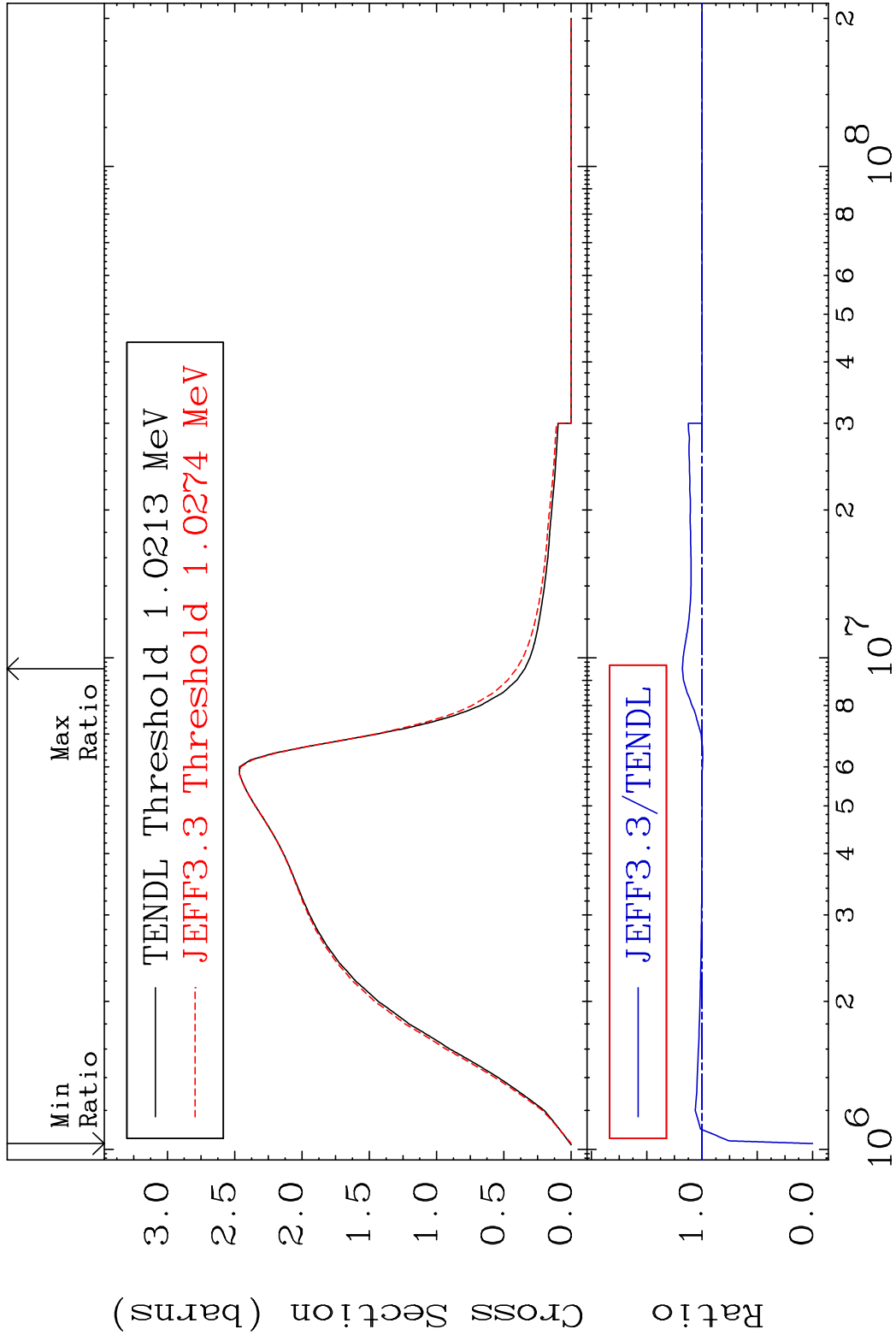
45 Incident Energy (eV) 70-Yb-175

MAT 7046

(n, n') Continuum

70-Yb-175

Cross Section -100.0 To 17.80 %



46

Incident Energy (eV)

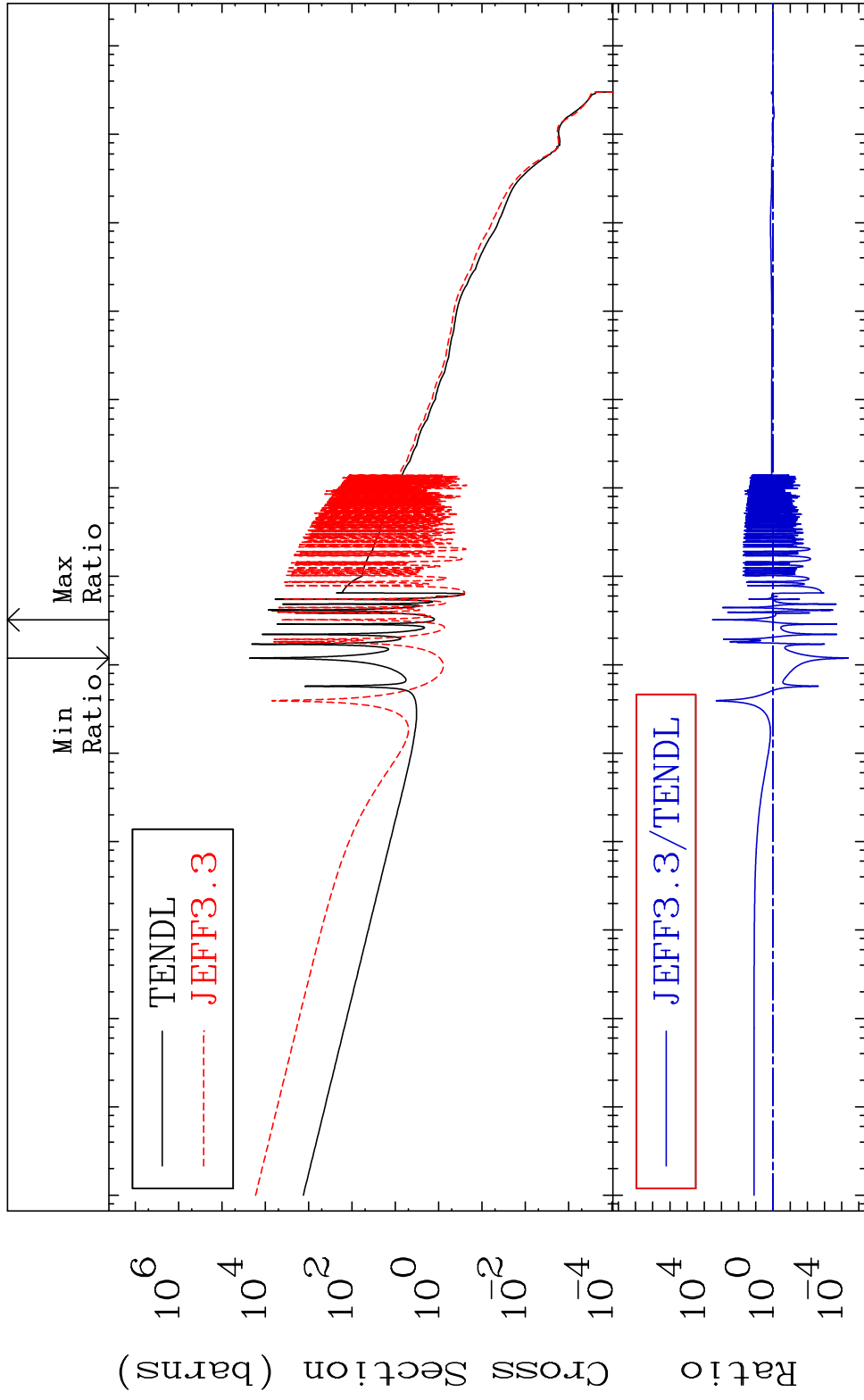
70-Yb-175

MAT 7046

70-Yb-175

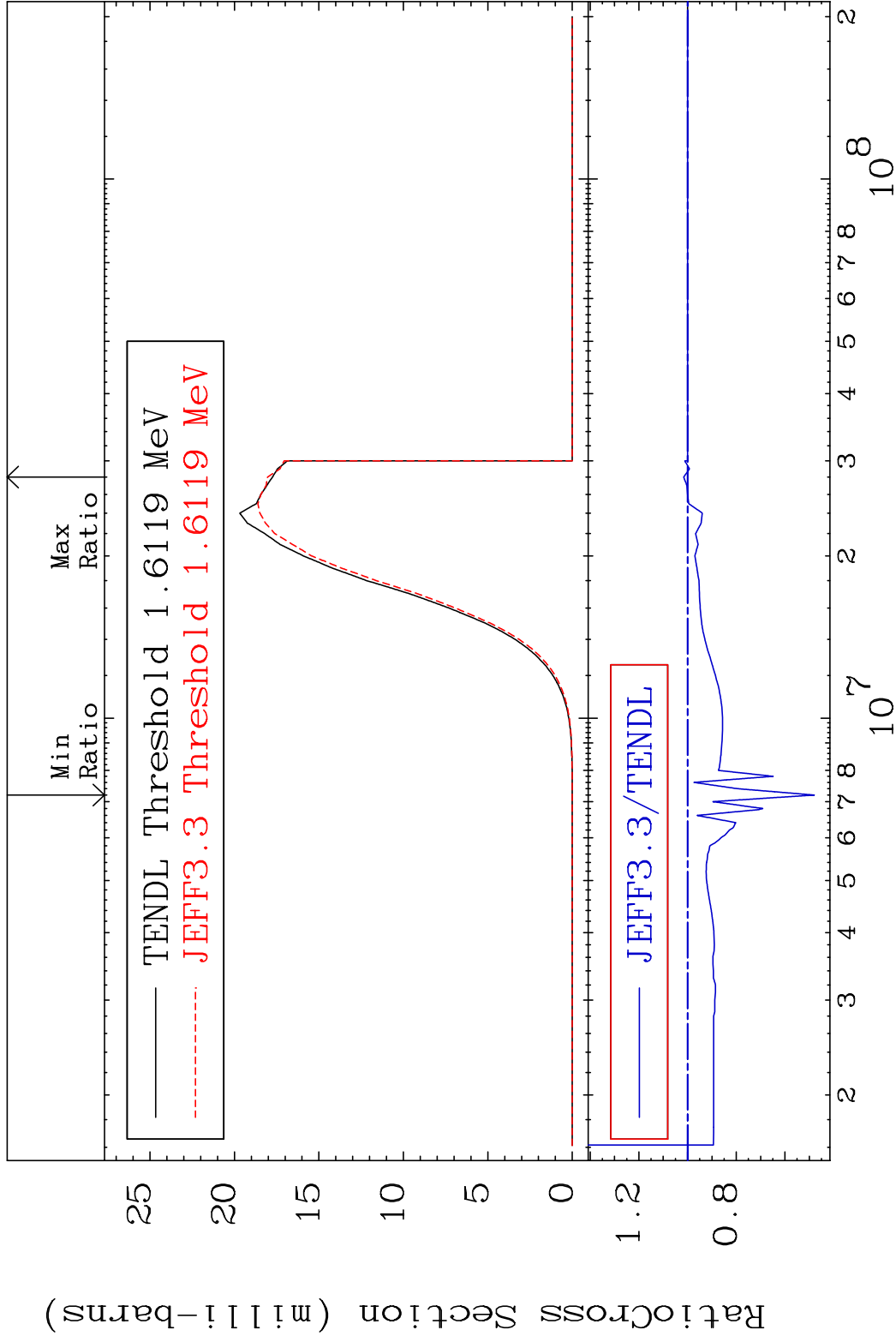
(n, γ)

Cross Section -100.0 To 9999. %



MAT 7046

(n, p)
Cross Section -51.99 To 1.609 %
70-Yb-175



48

Incident Energy (eV)

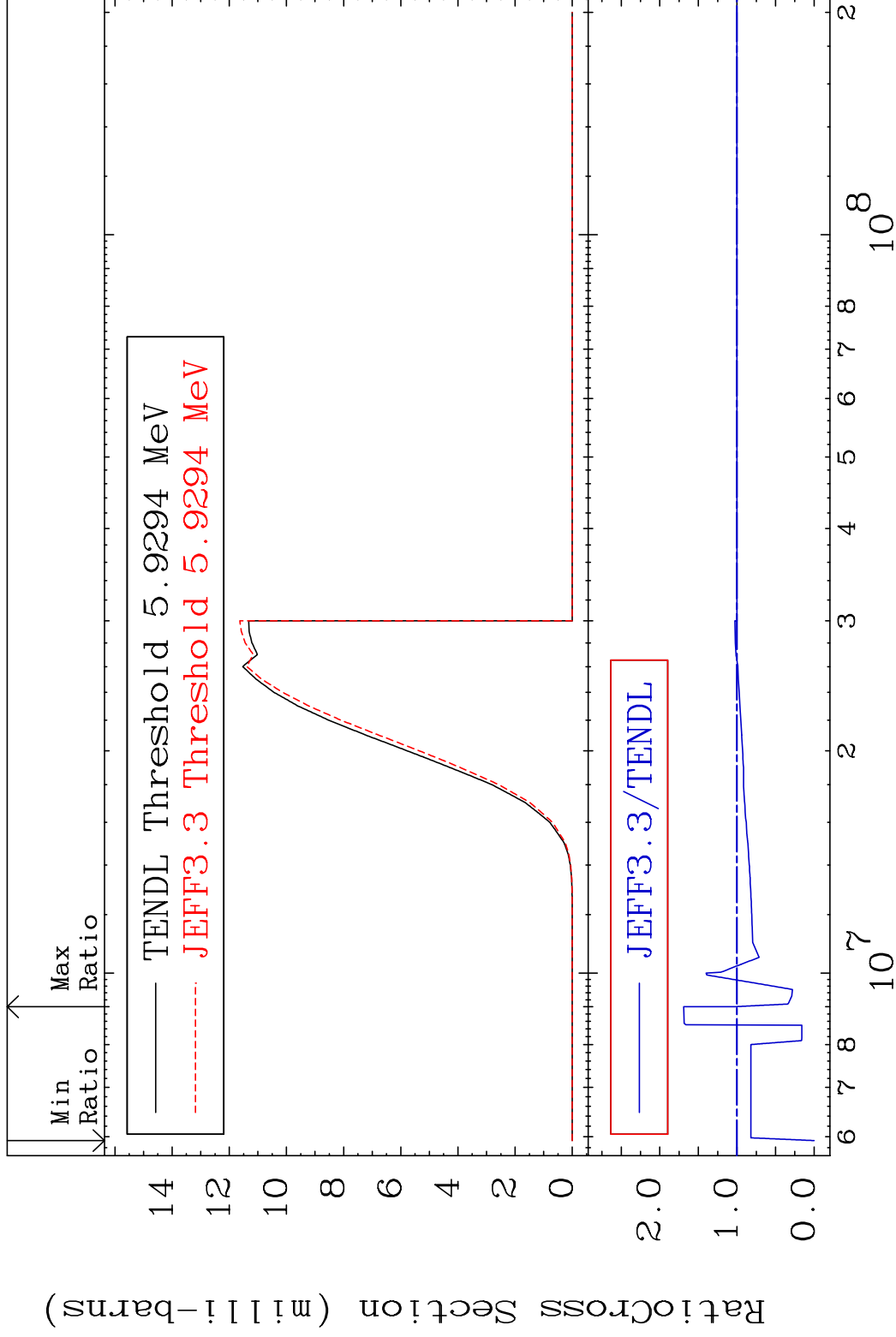
70-Yb-175

MAT 7046

(n, d)

70-Yb-175

Cross Section -100.0 To 69.08 %



49

Incident Energy (eV)

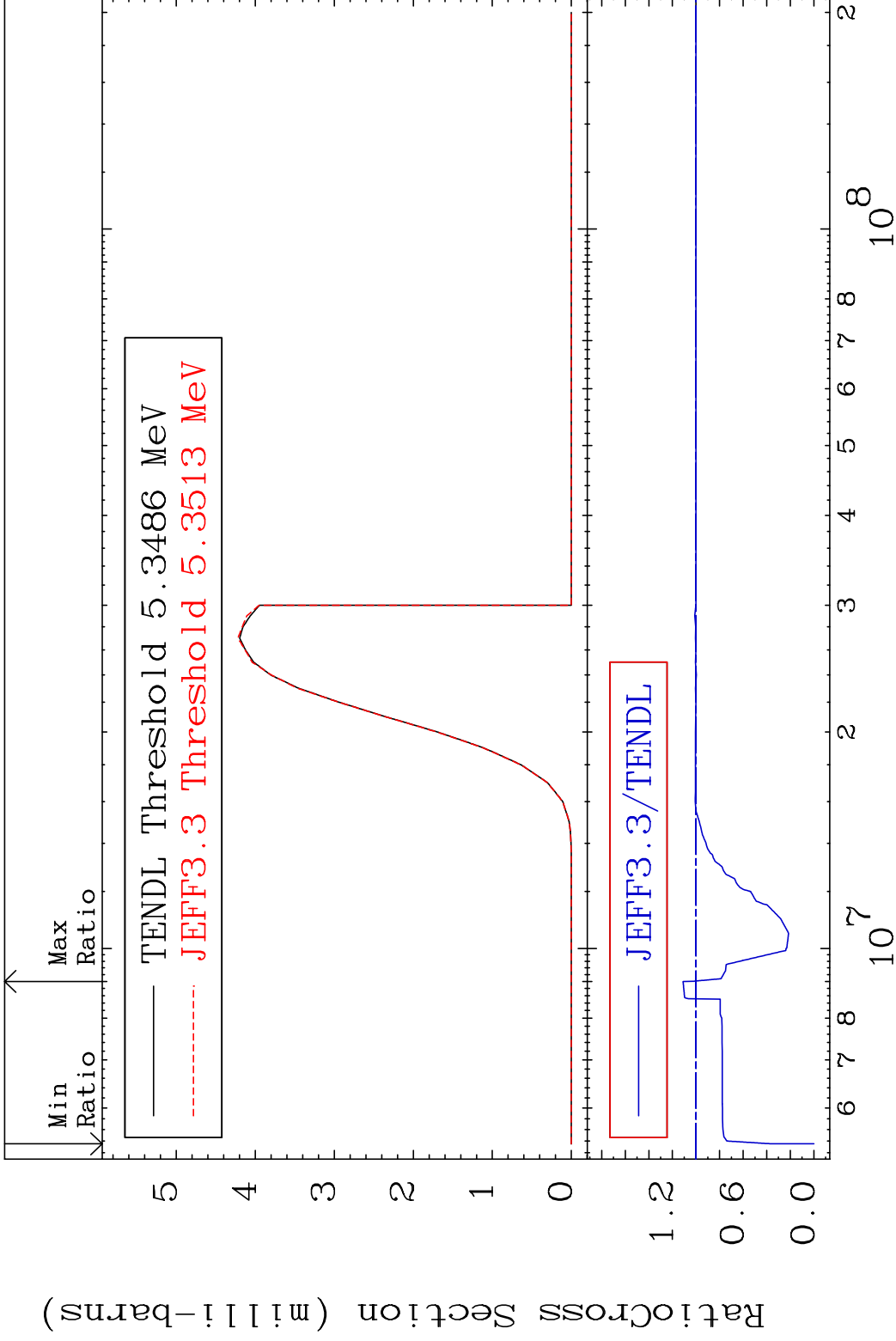
70-Yb-175

MAT 7046

(n, t)

70-Yb-175

Cross Section -100.0 To 10.98 %

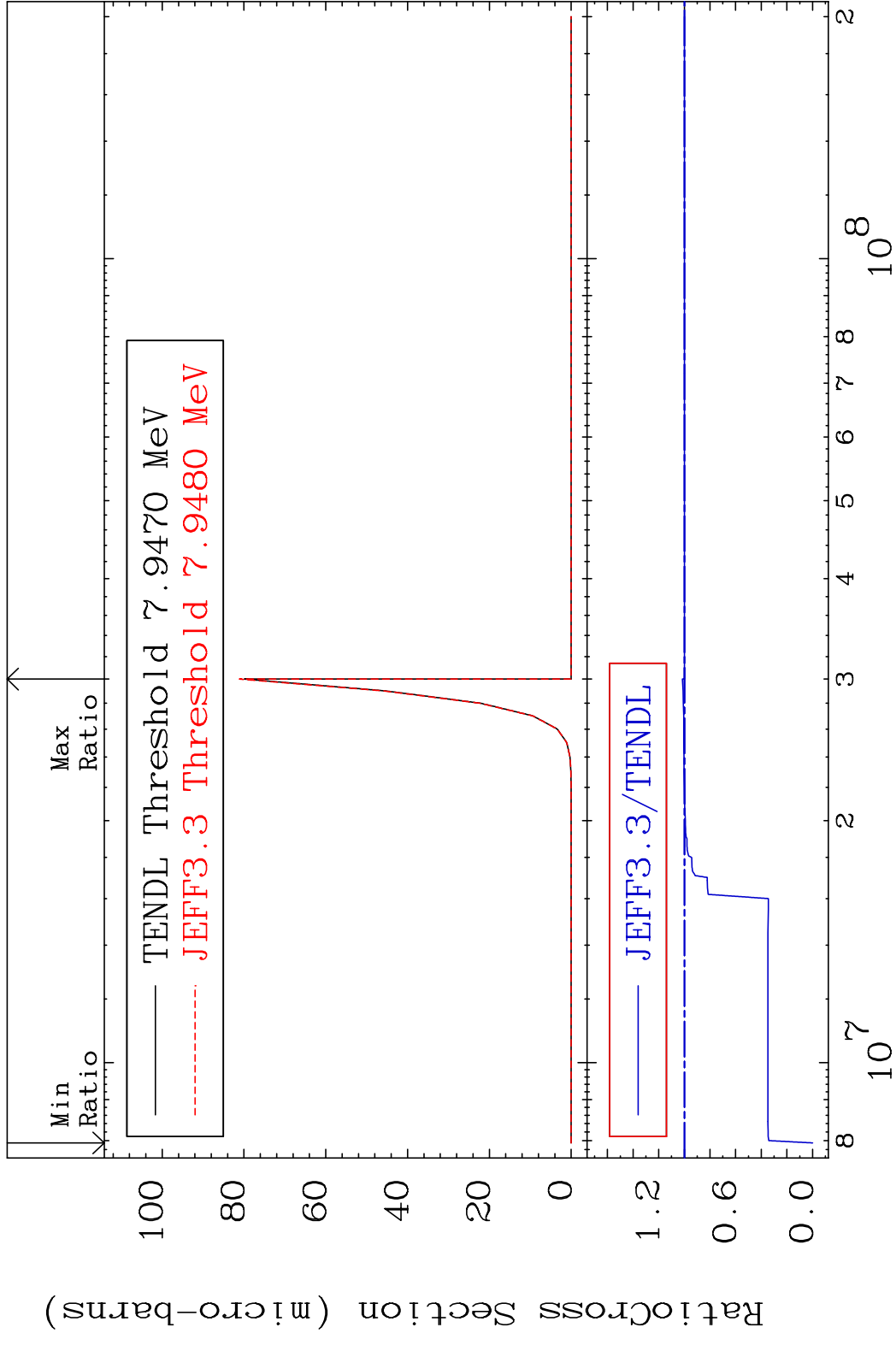


50

Incident Energy (eV)

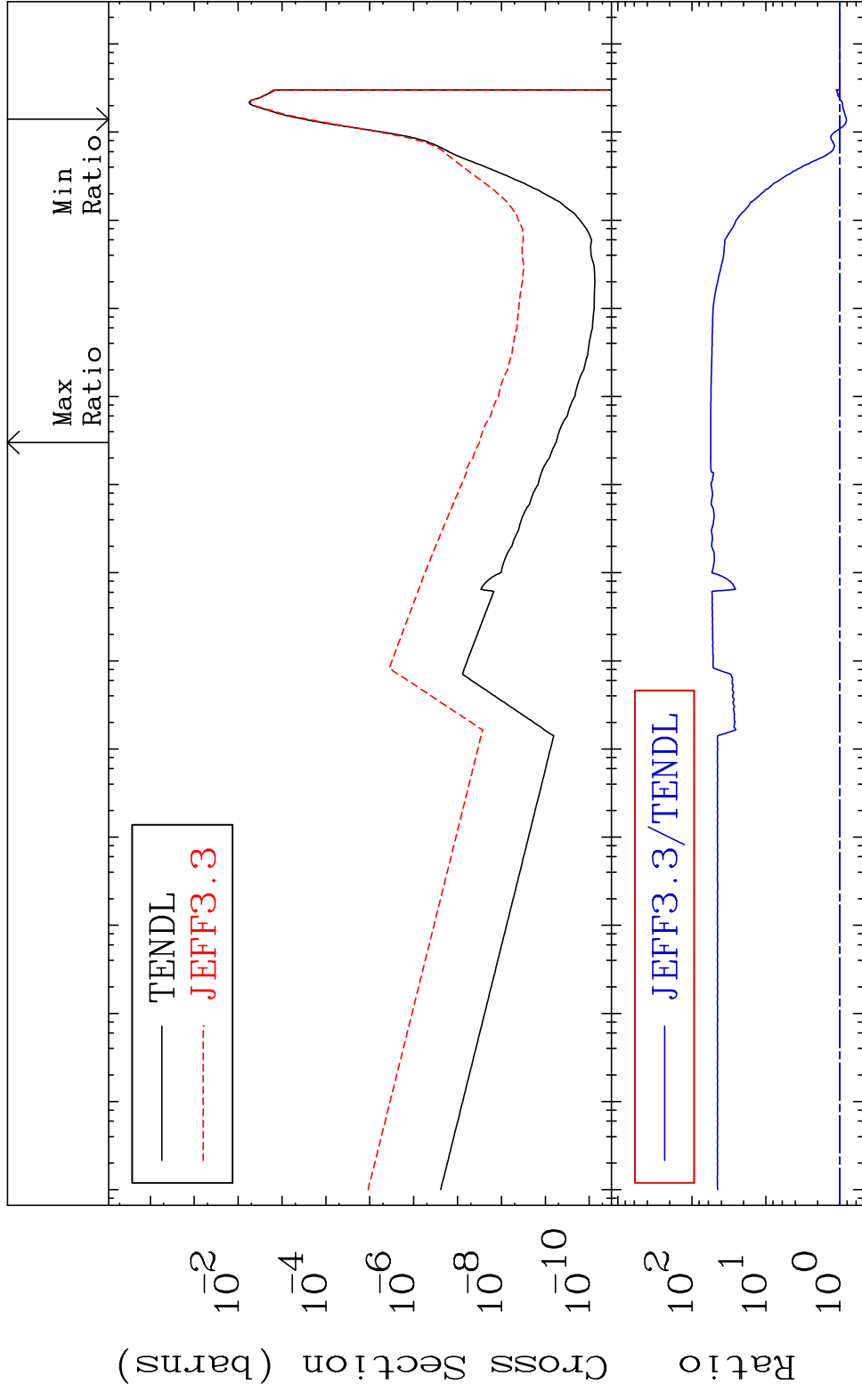
70-Yb-175

MAT 7046 (n, He-3) 70-Yb-175
 Cross Section -100.0 To 1.561 %



MAT 7046

(n, α)
Cross Section -18.37 To 5470. %
70-Yb-175

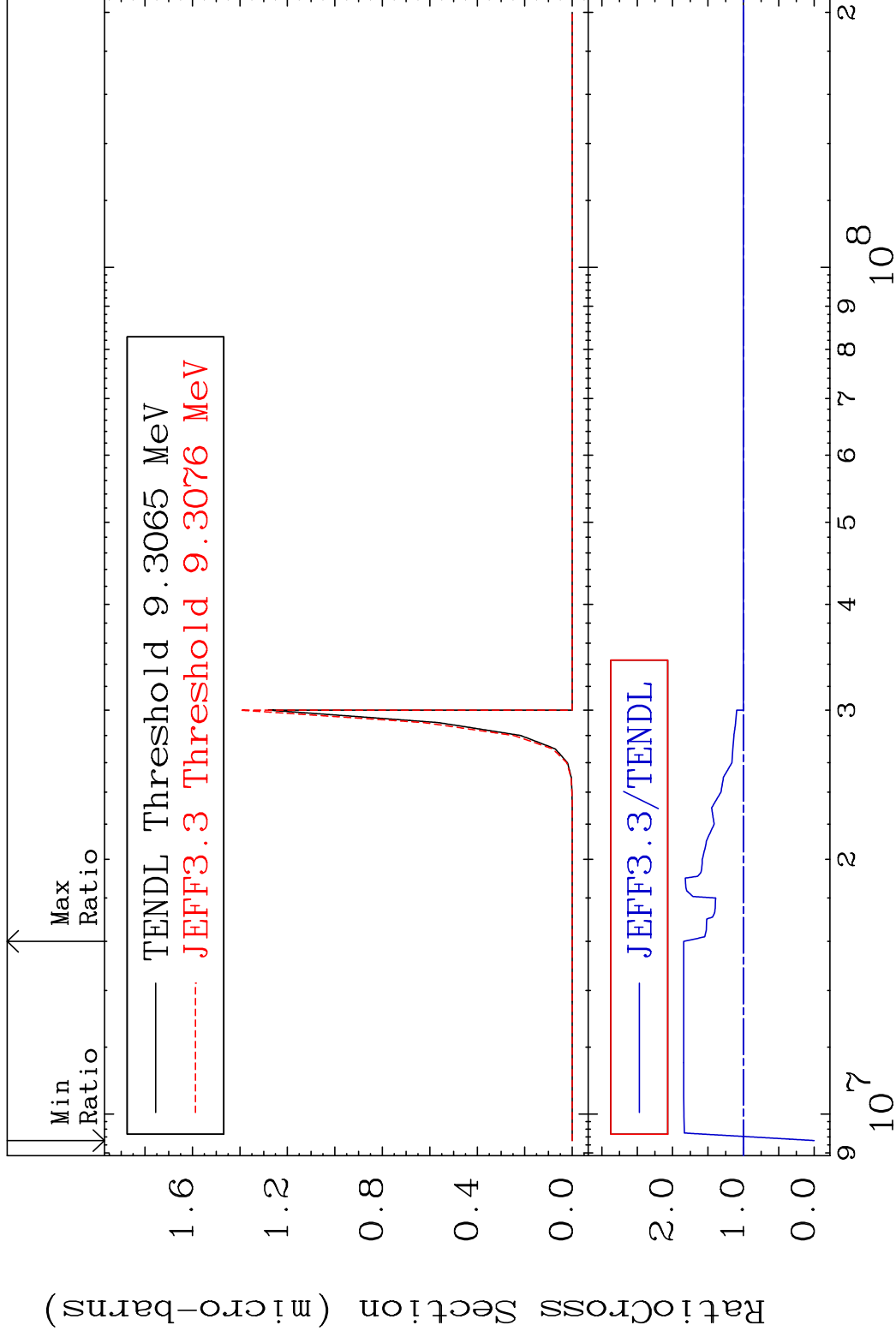


MAT 7046

(n,2p)

70-Yb-175

Cross Section -100.0 To 84.37 %



53

Incident Energy (eV)

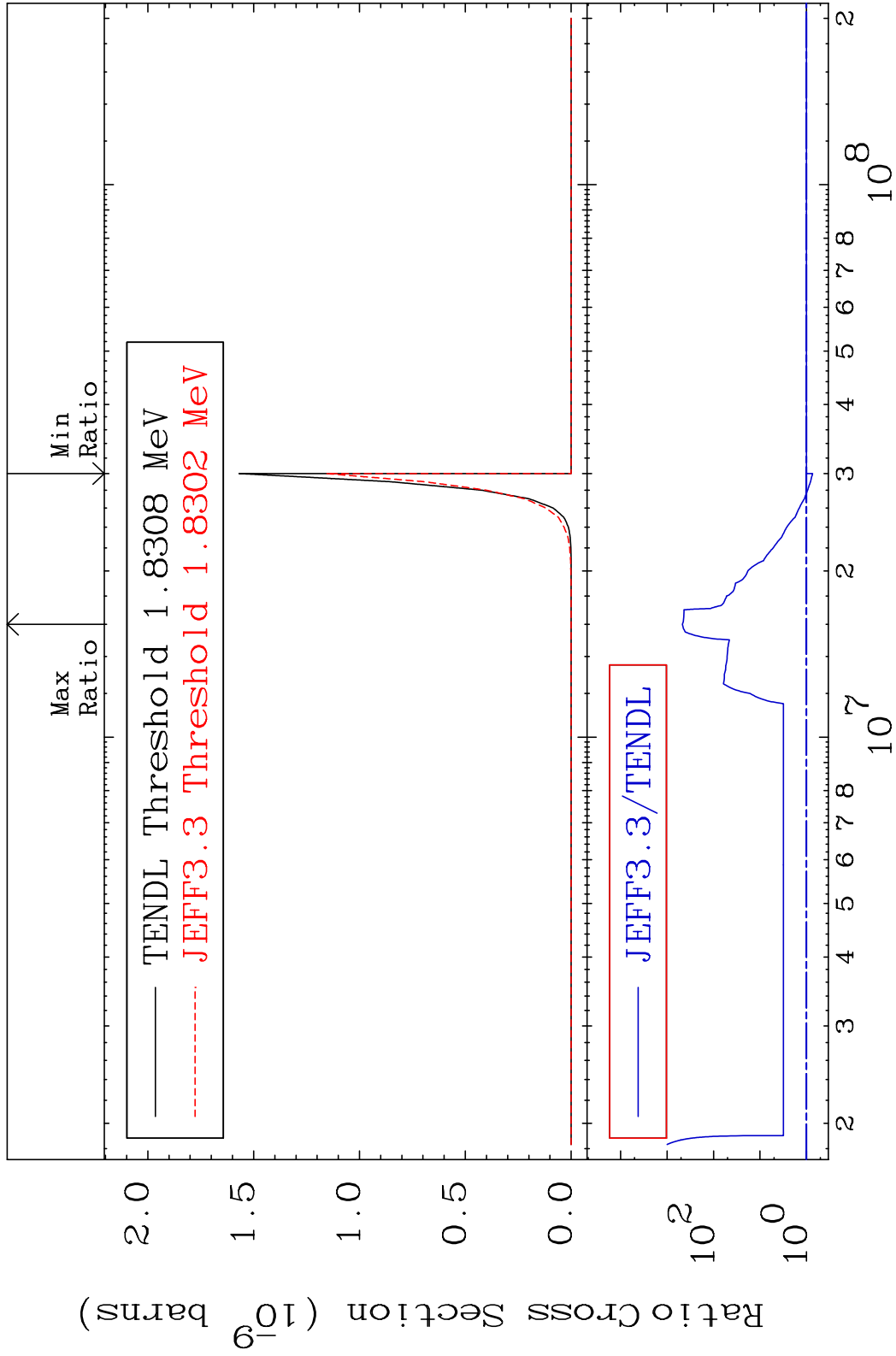
70-Yb-175

MAT 7046

(n,p) α

70-Yb-175

Cross Section -26.21 To 9999. %

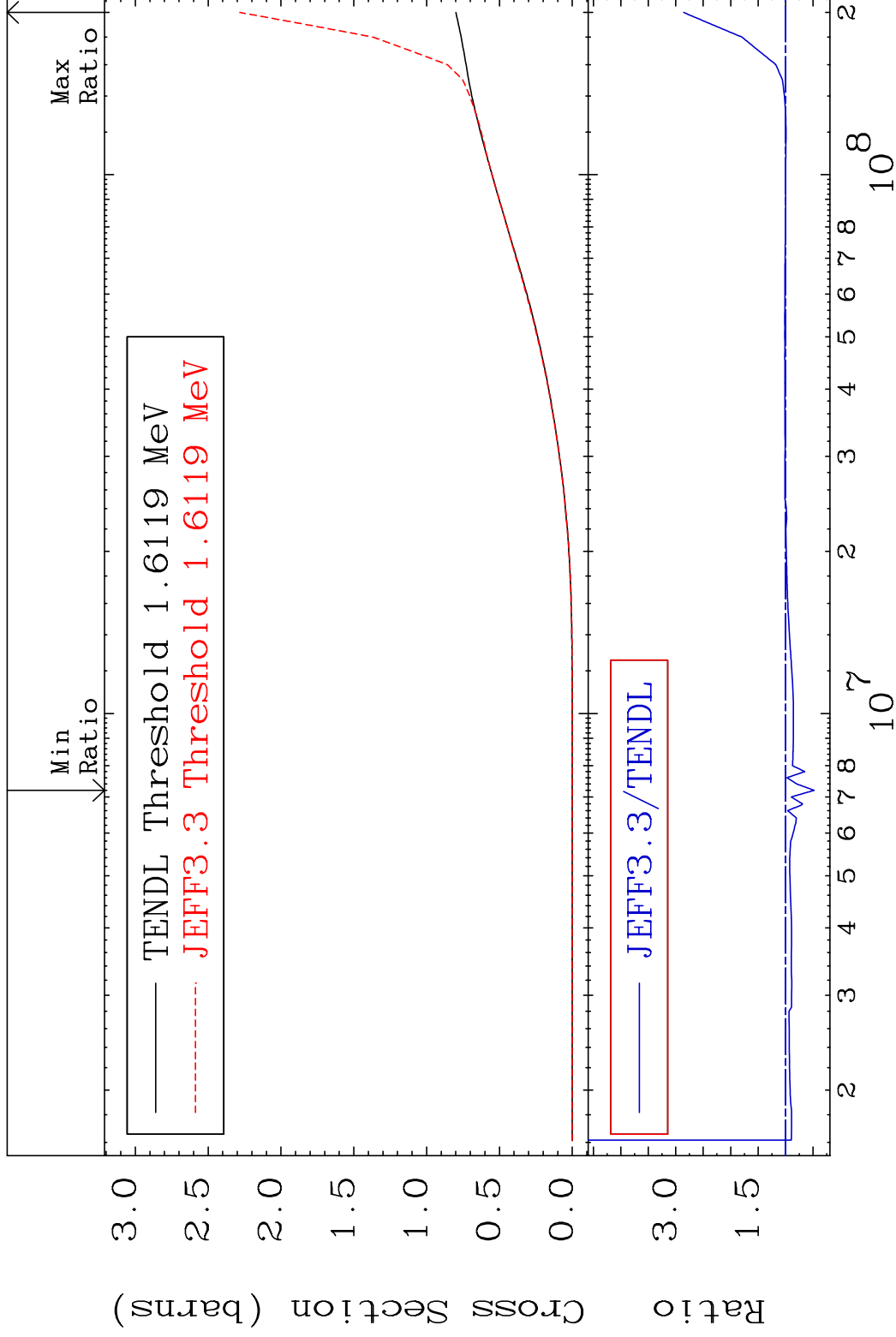


MAT 7046

Hydrogen Production

70-Yb-175

Cross Section -51.99 To 185.6 %



55

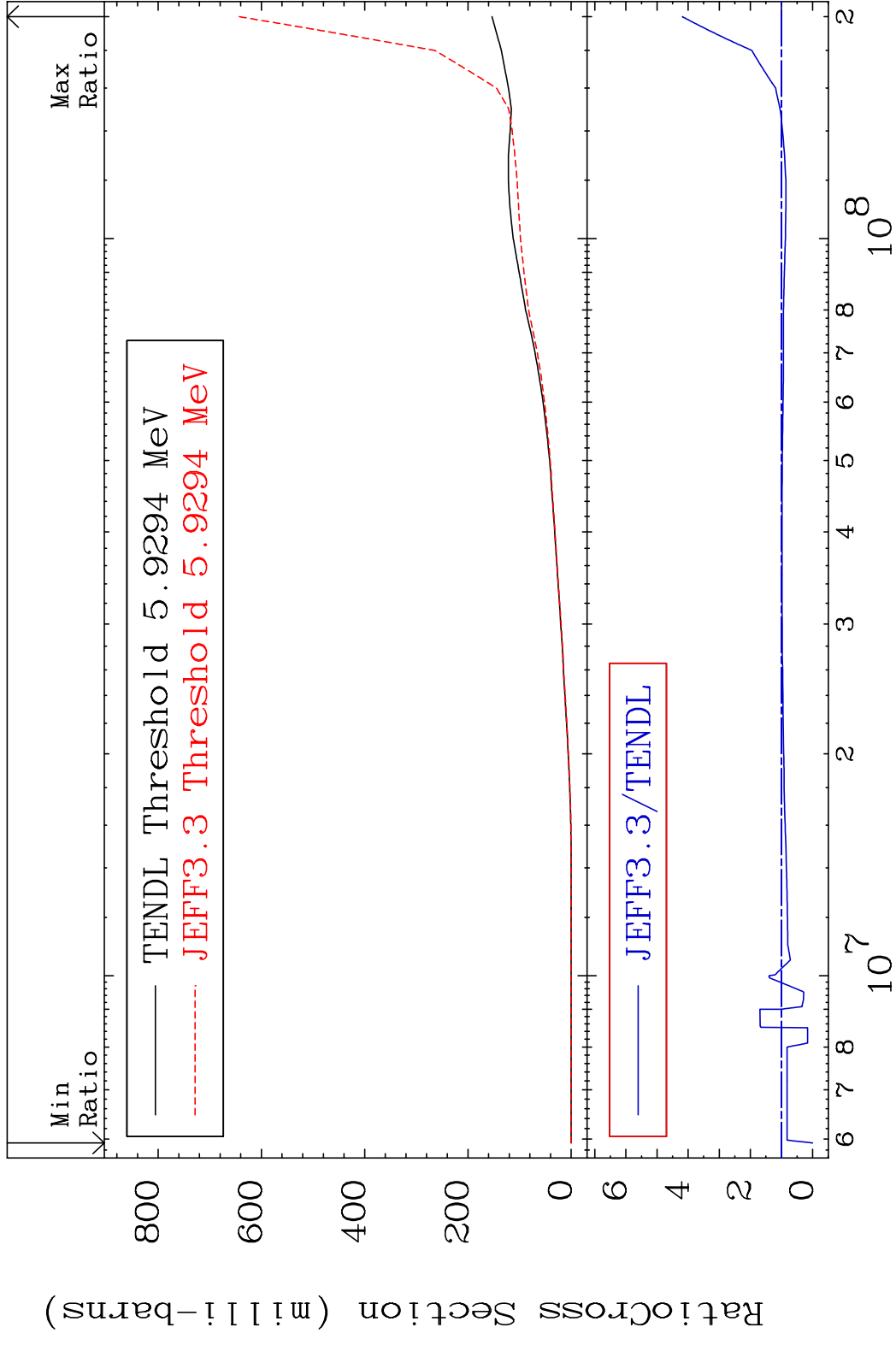
Incident Energy (eV)

70-Yb-175

MAT 7046

Deuterium Production
Cross Section -100.0 To 318.6 %

70-Yb-175



56

Incident Energy (eV)

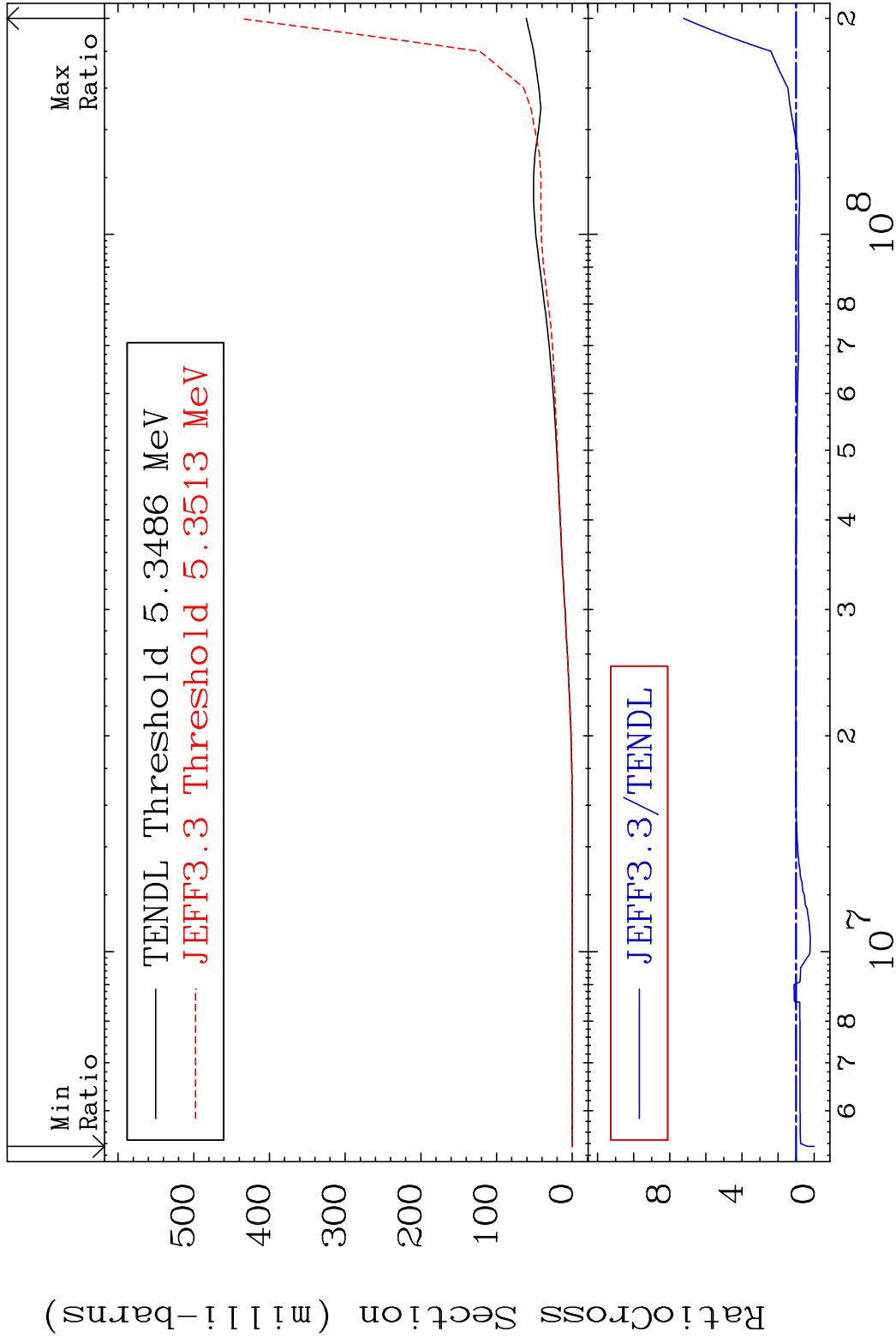
70-Yb-175

MAT 7046

Tritium Production

70-Yb-175

Cross Section -100.0 To 622.6 %



57

Incident Energy (eV)

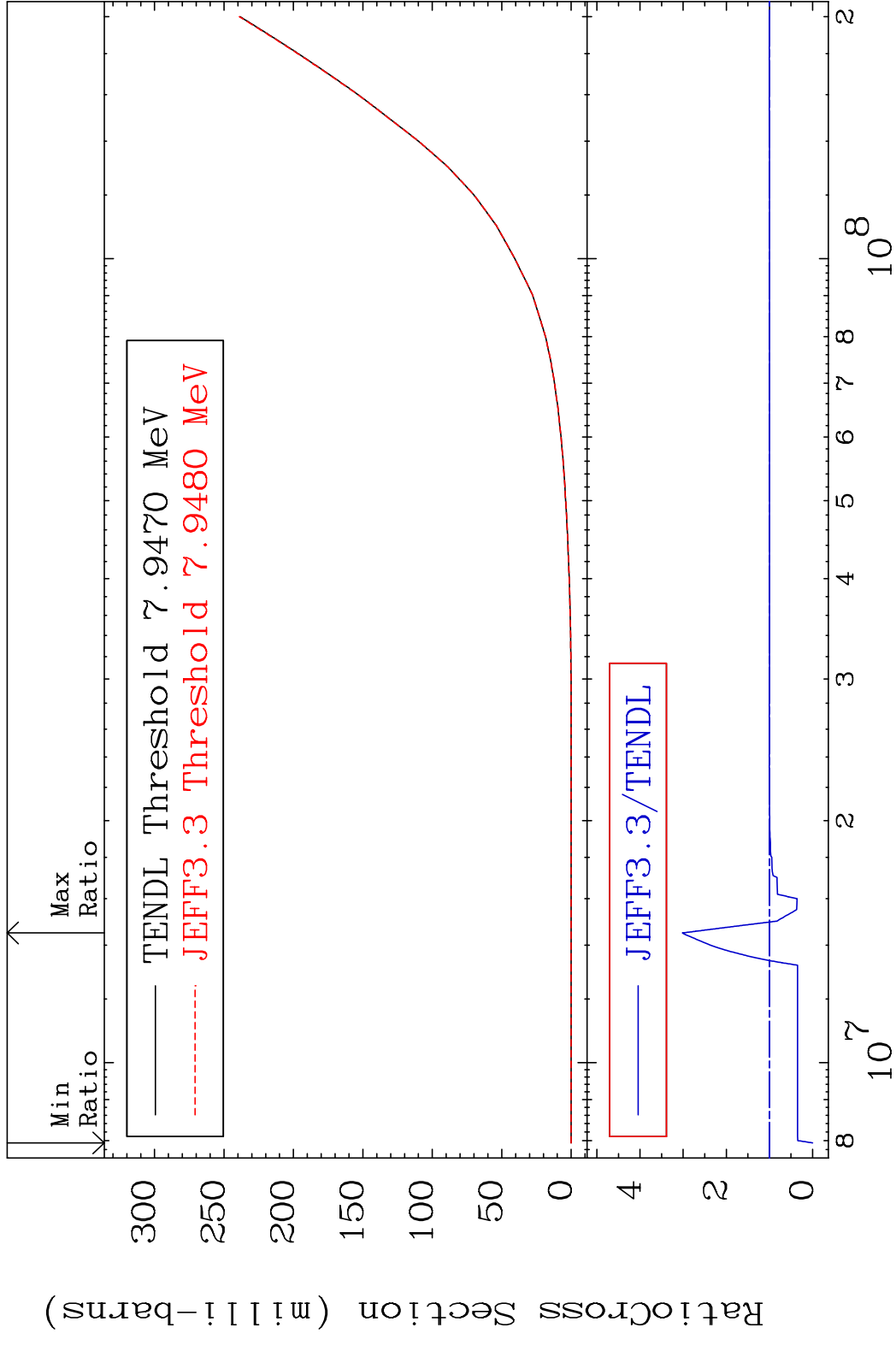
70-Yb-175

MAT 7046

He-3 Production

70-Yb-175

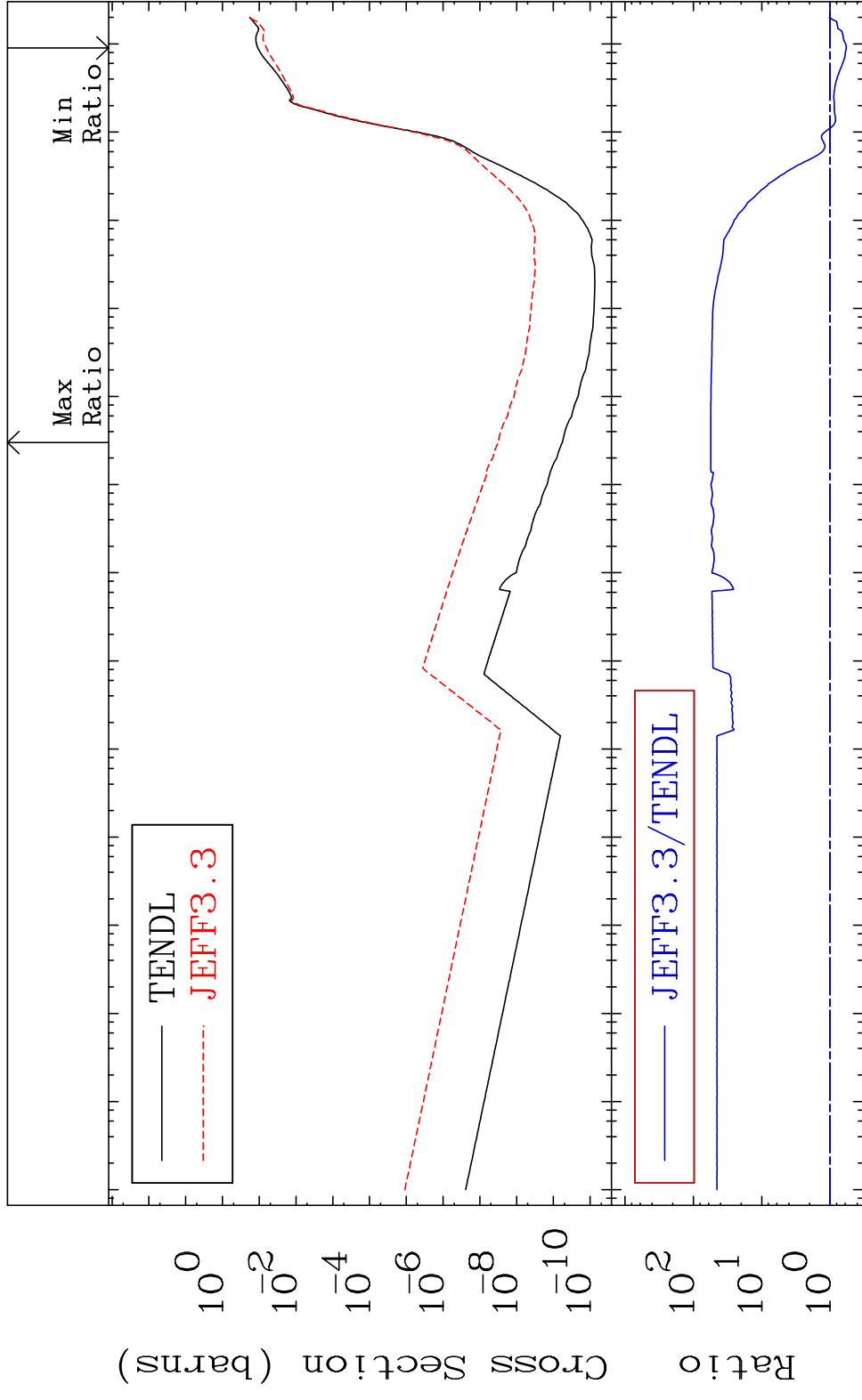
Cross Section -100.0 To 201.9 %



MAT 7046

He-4 Production
Cross Section

70-Yb-175
-42.13 To 5470. %

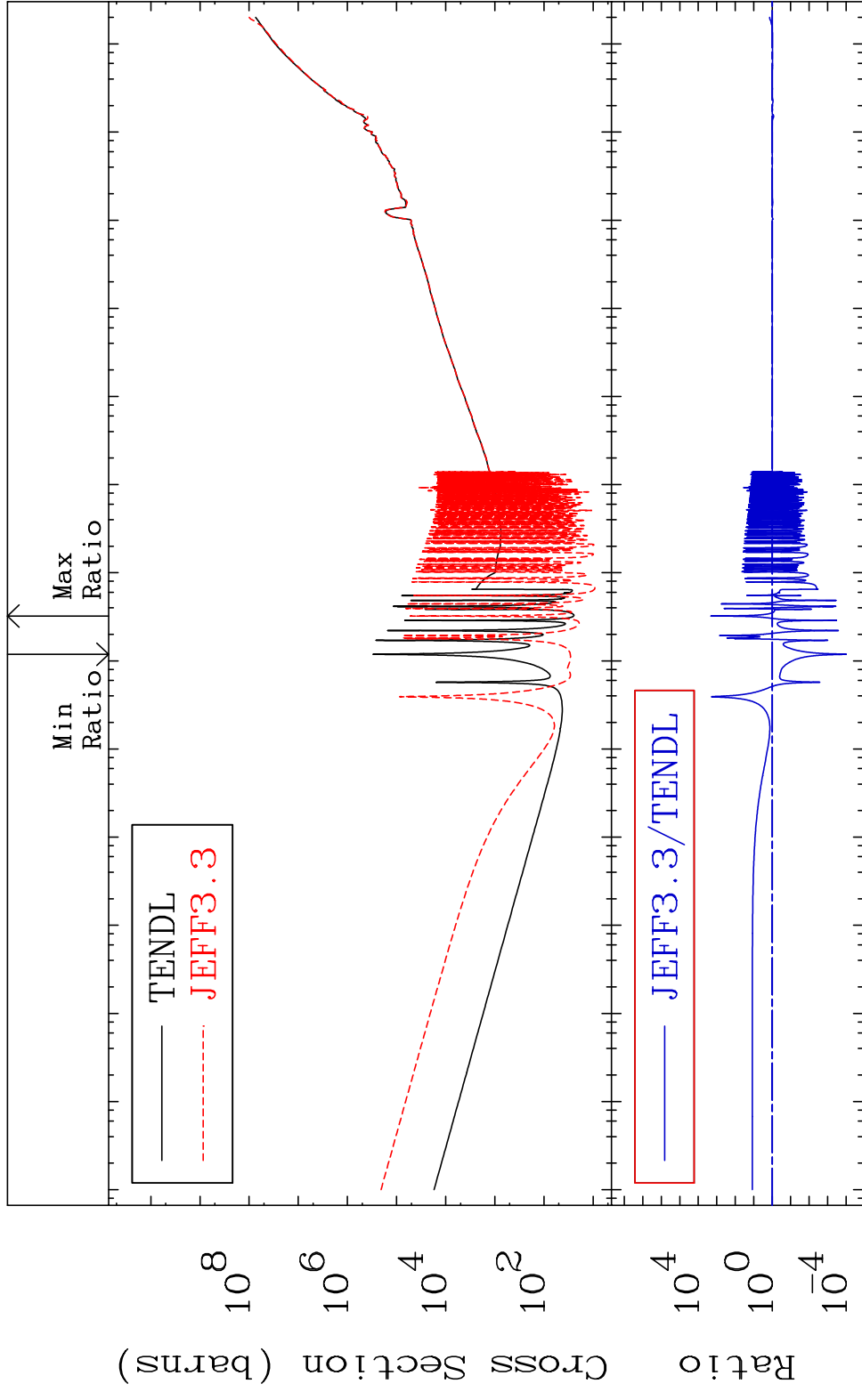


Incident Energy (eV)

59

70-Yb-175

MAT 7046 Kerma total (eV-barns) 70-Yb-175
 Cross Section -99.99 To 9999. %

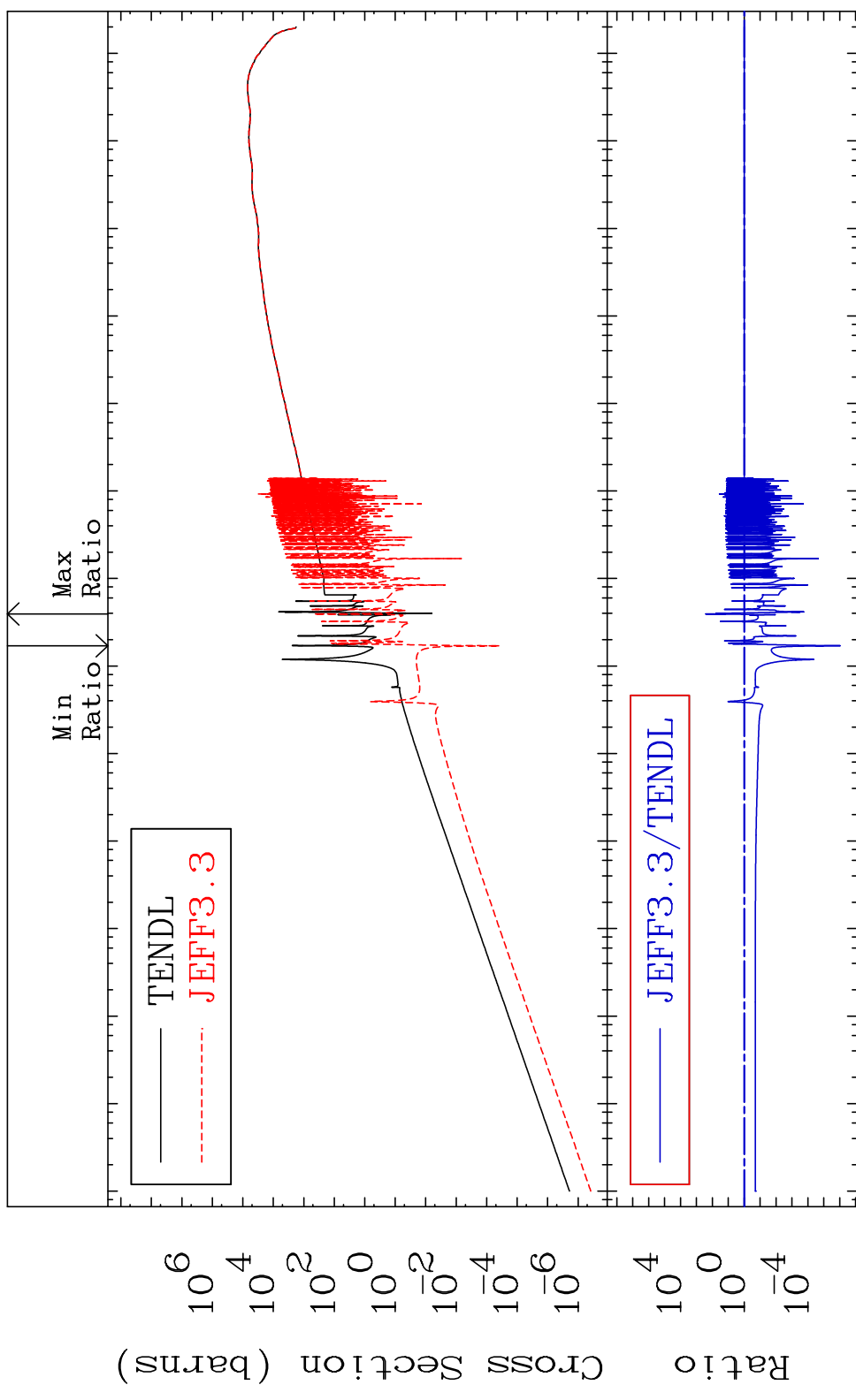


60 Incident Energy (eV) 70-Yb-175

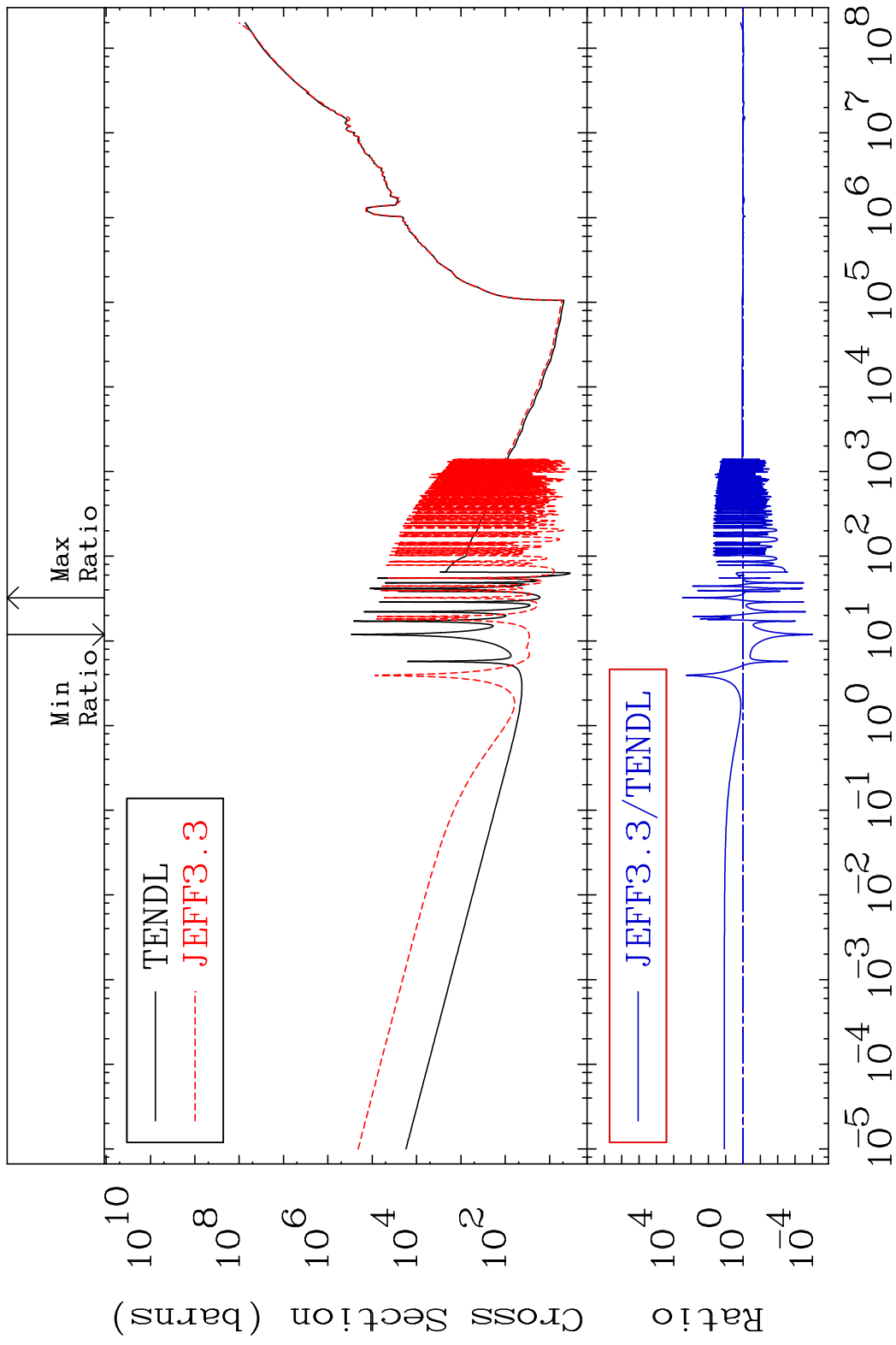
MAT 7046

Kerma elastic
Cross Section -100.0 To 9999. %

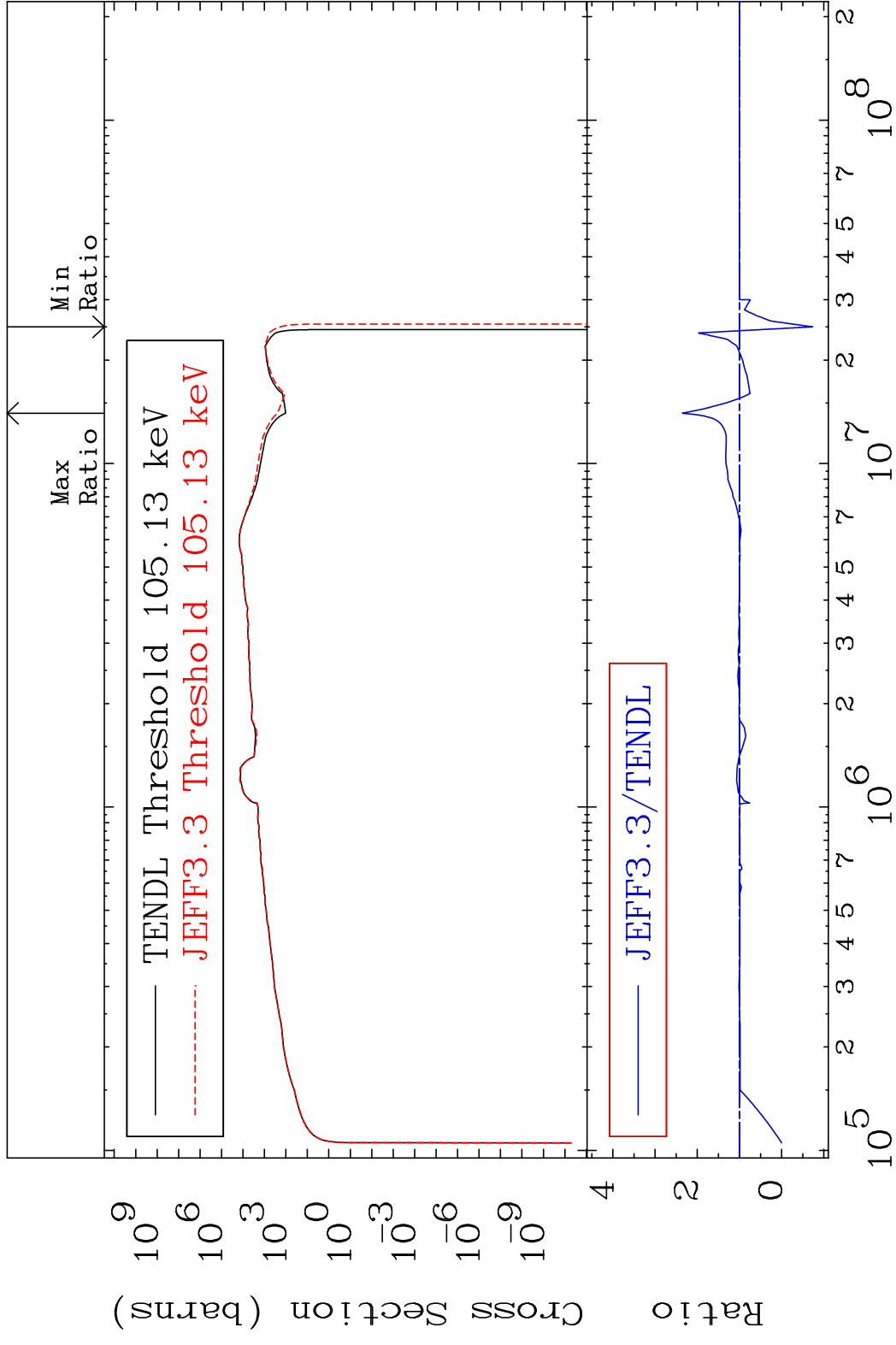
70-Yb-175



MAT 7046 Kerma non-elastic (all but mt2) 70-Yb-175
 Cross Section -99.99 To 9999. %

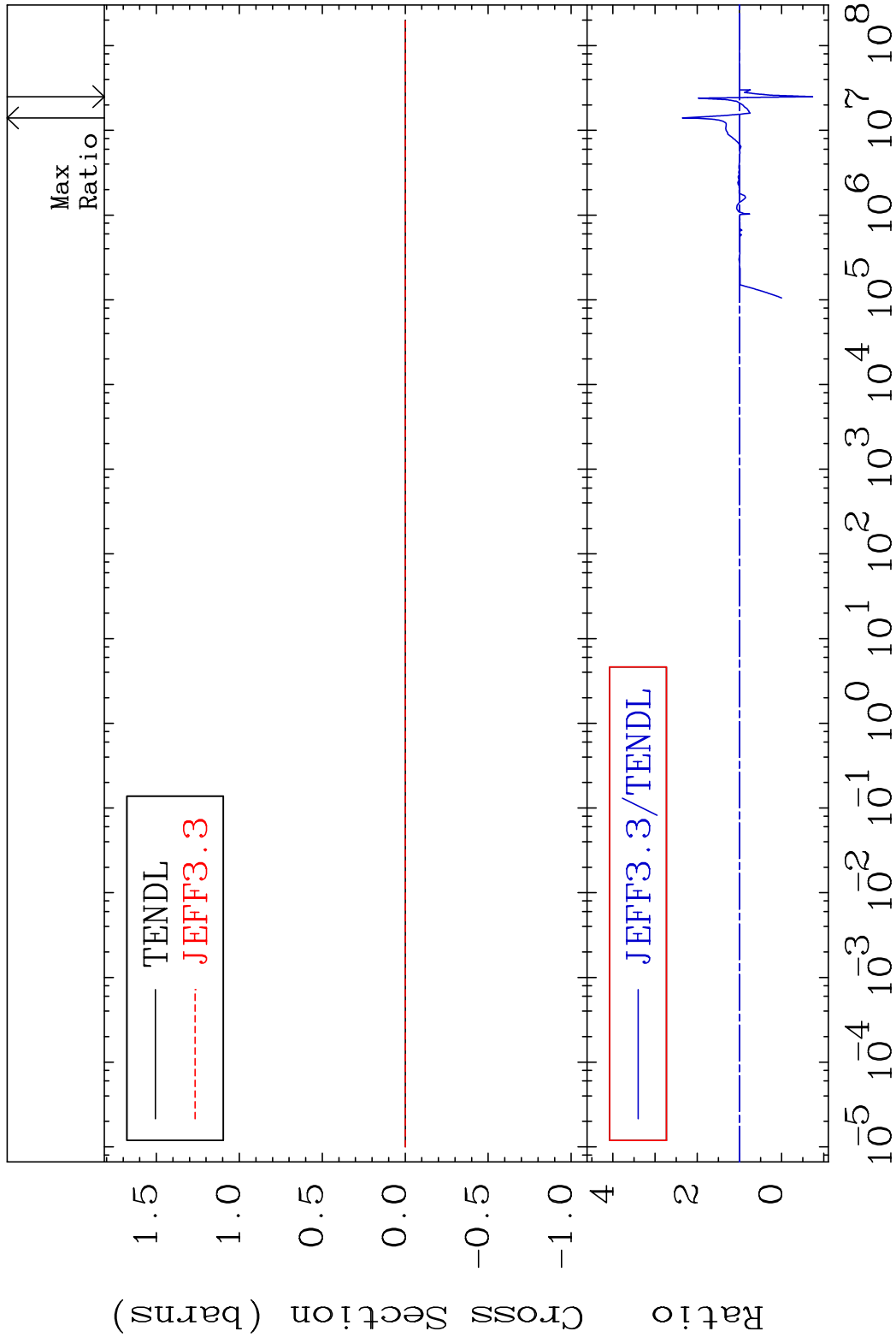


MAT 7046 Kerma inelastic (mt51-91) 70-Yb-175
 Cross Section -173.2 To 135.4 %



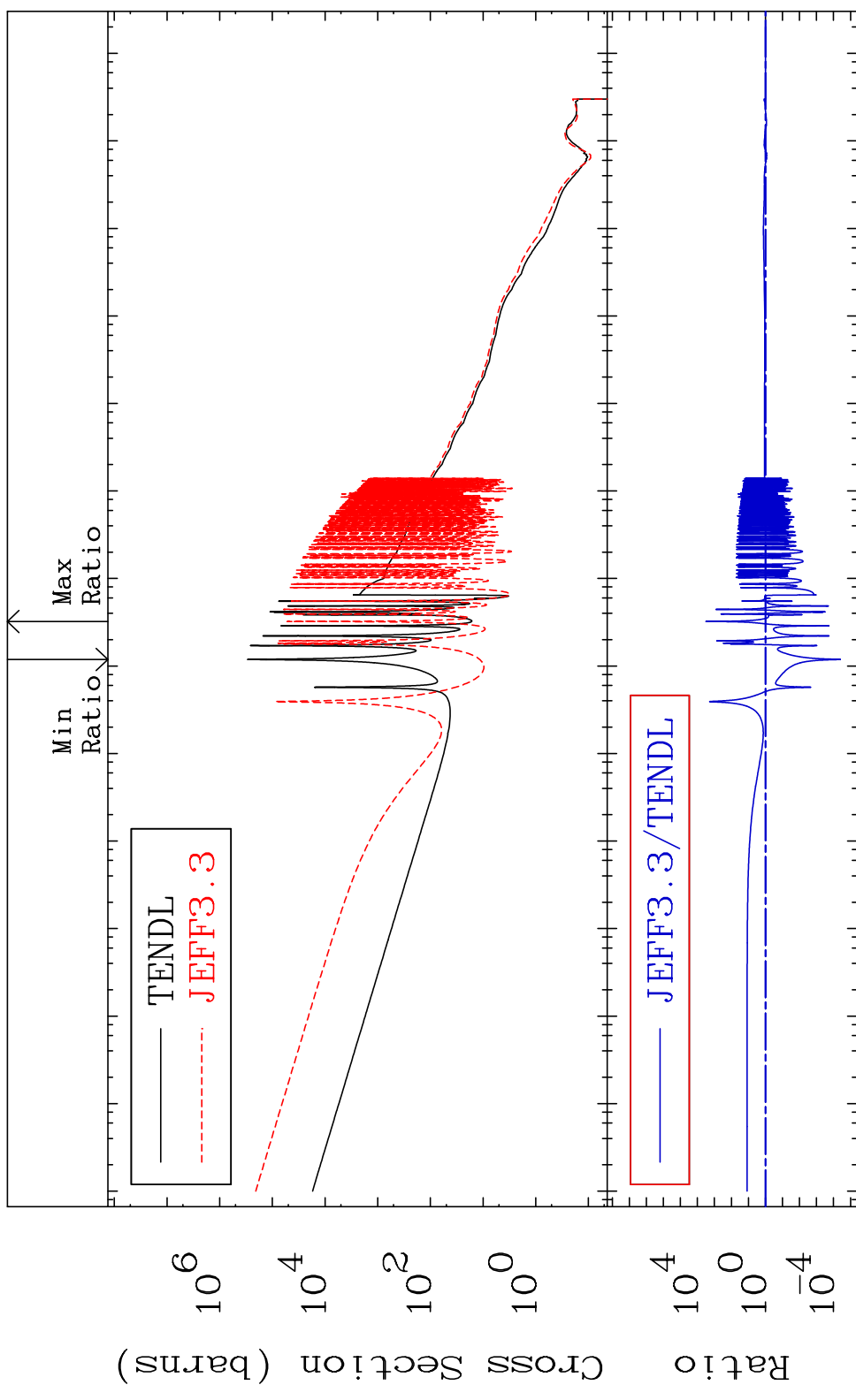
63 Incident Energy (eV) 70-Yb-175

MAT 7046 Kerma fission (mt18 or mt19-20-21-38) 70-Yb-175
 Cross Section -173.2 To 135.4 %



MAT 7046

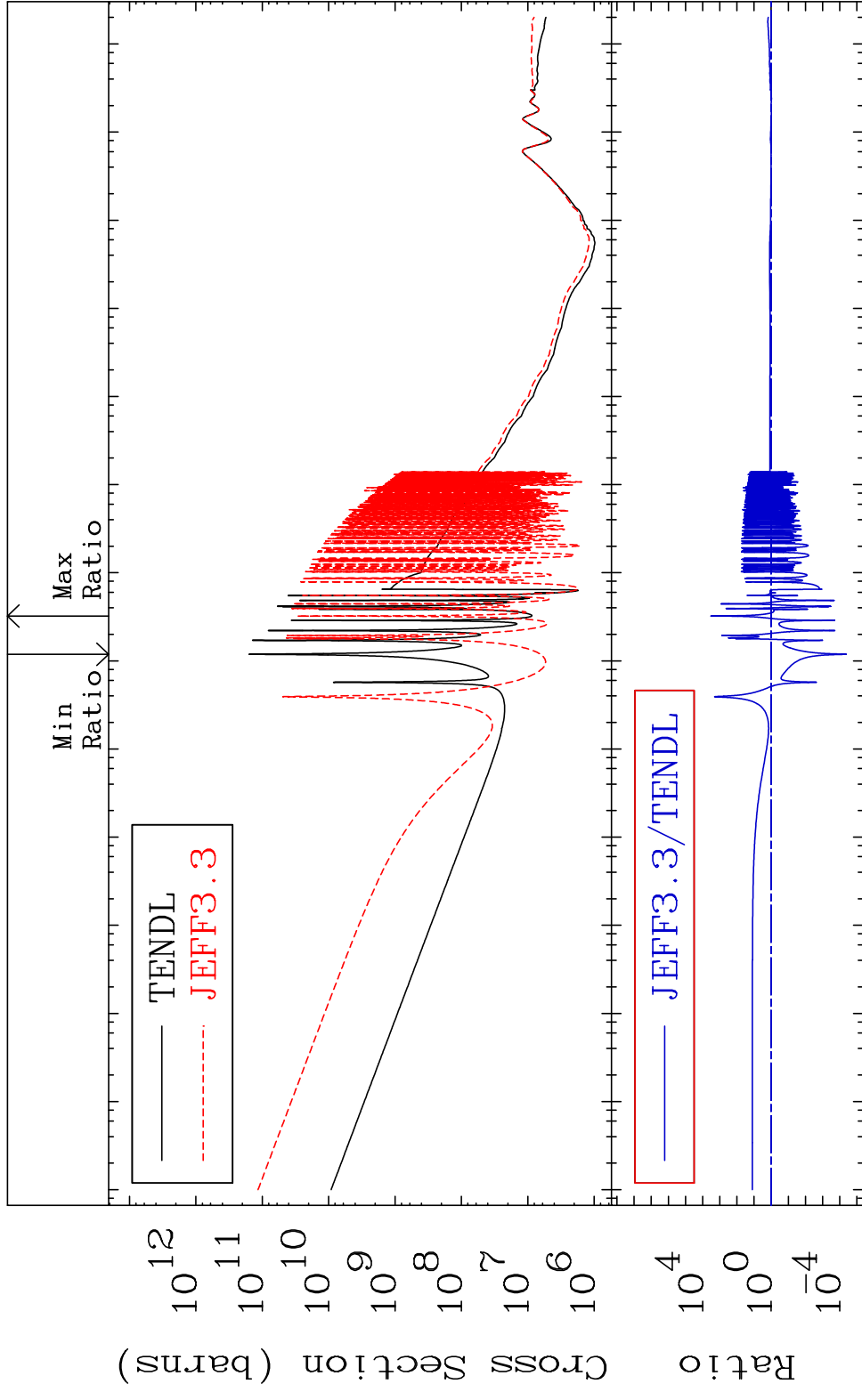
Kerma capture (mt102) 70-Yb-175
Cross Section -100.0 To 9999. %



65

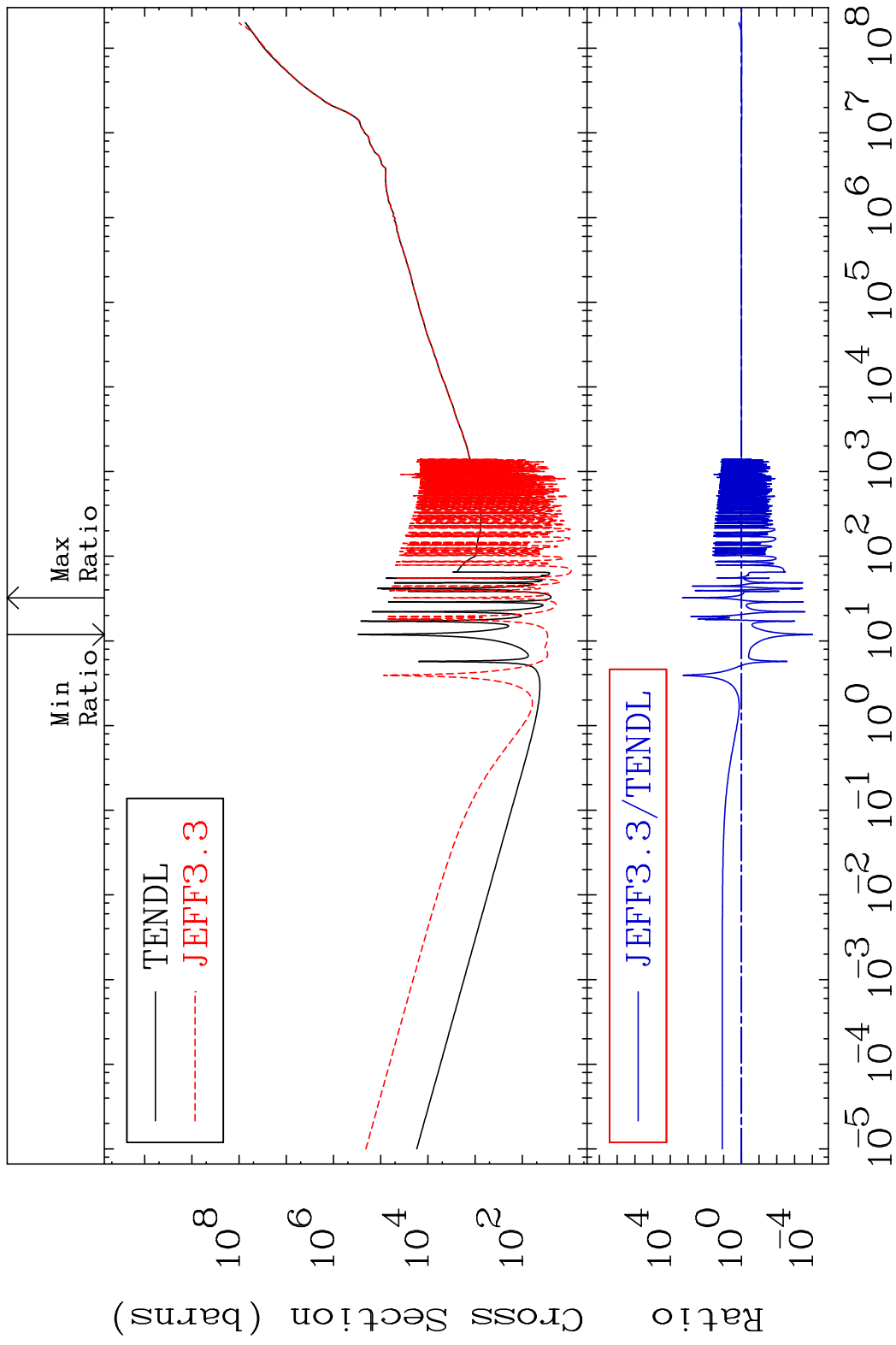
Incident Energy (eV) 70-Yb-175

MAT 7046 Total photon (eV-barns) 70-Yb-175
 Cross Section -100.0 To 9999. %

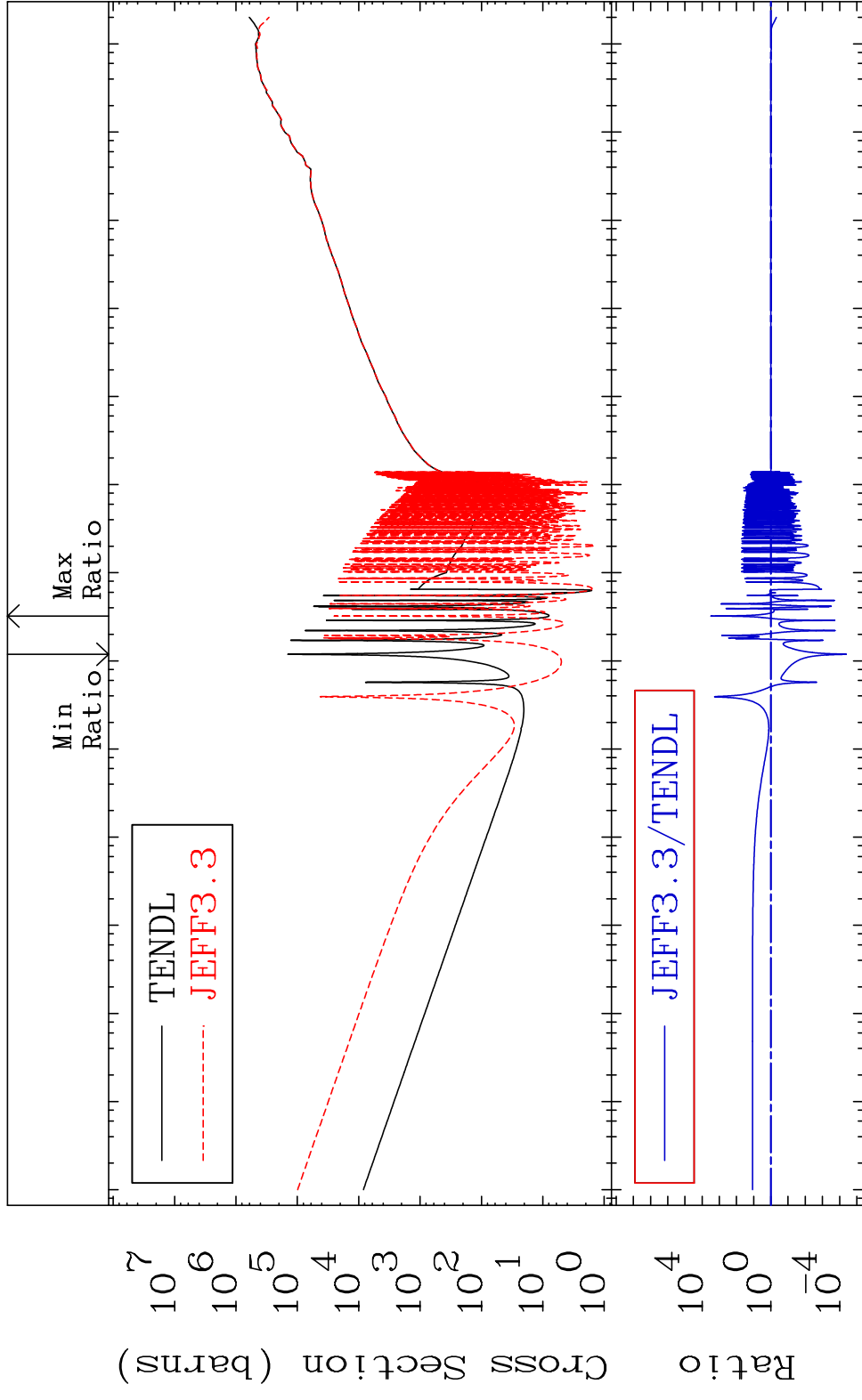


66 Incident Energy (eV) 70-Yb-175

MAT 7046 Total kinematic kerma (high limit) 70-Yb-175
 Cross Section -99.99 To 9999. %



MAT 7046 Dpa total (eV-barns) 70-Yb-175
 Cross Section -100.0 To 9999. %

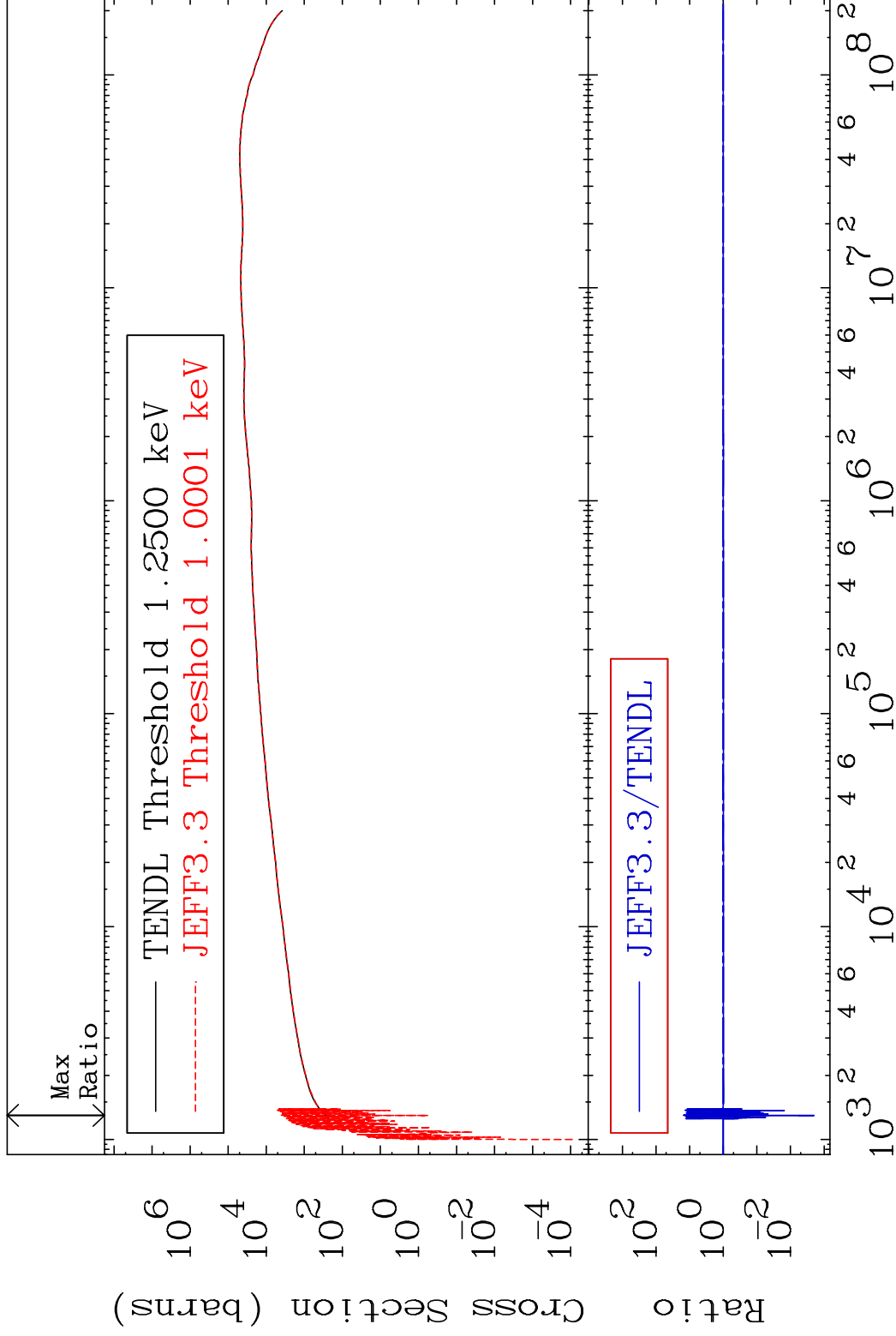


MAT 7046

Dpa elastic (mt2)

70-Yb-175

Cross Section -99.80 To 1413. %

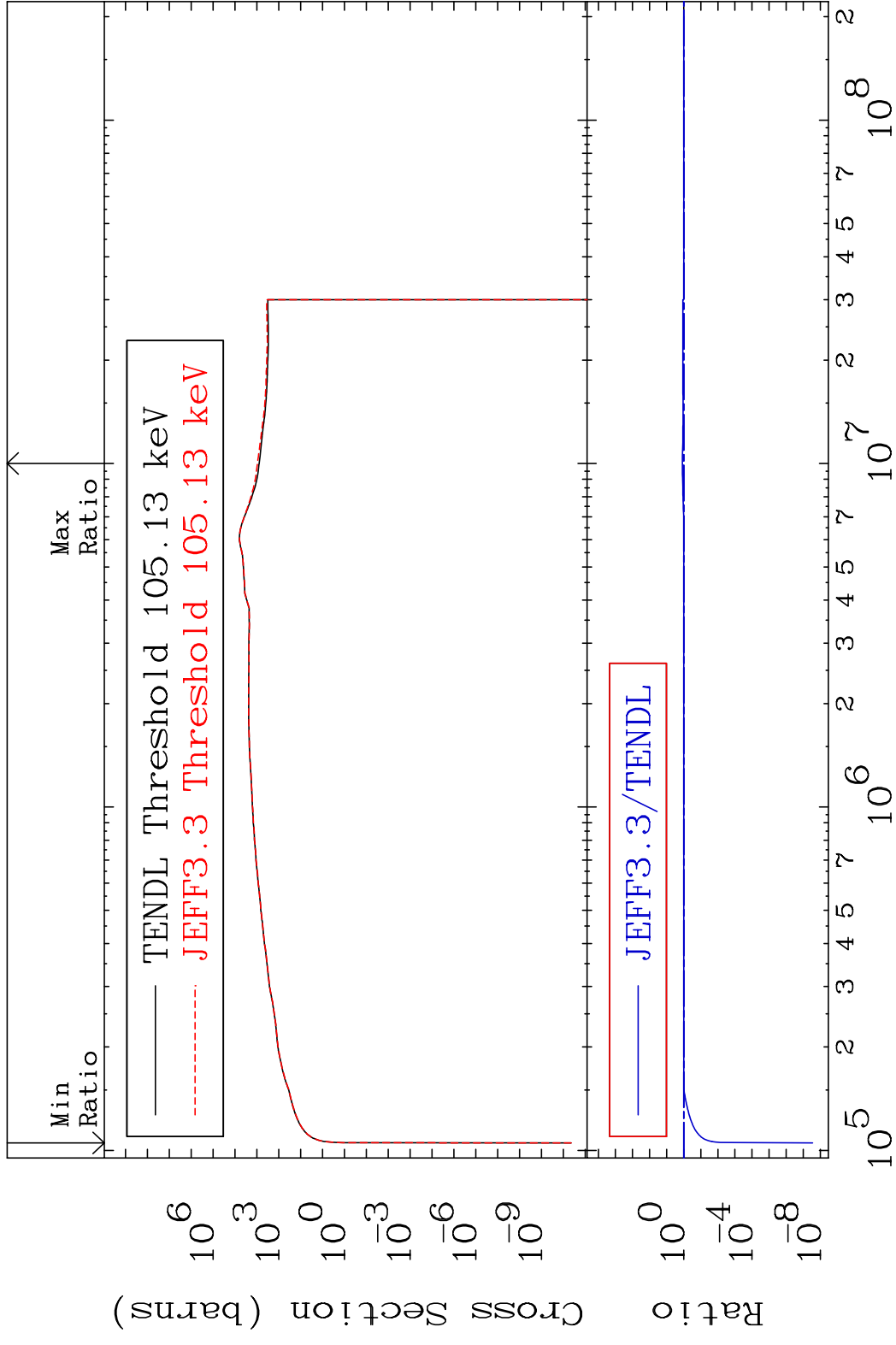


69

Incident Energy (eV)

70-Yb-175

MAT 7046 Dpa inelastic (mt51-91) 70-Yb-175
 Cross Section -100.0 To 20.37 %



70 Incident Energy (eV) 70-Yb-175

MAT 7046 Dpa disappearance (mt102 -120) 70-Yb-175
 Cross Section -100.0 To 9999. %

