

Program Complot
(Version 2021-1)

by

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U.S.A.

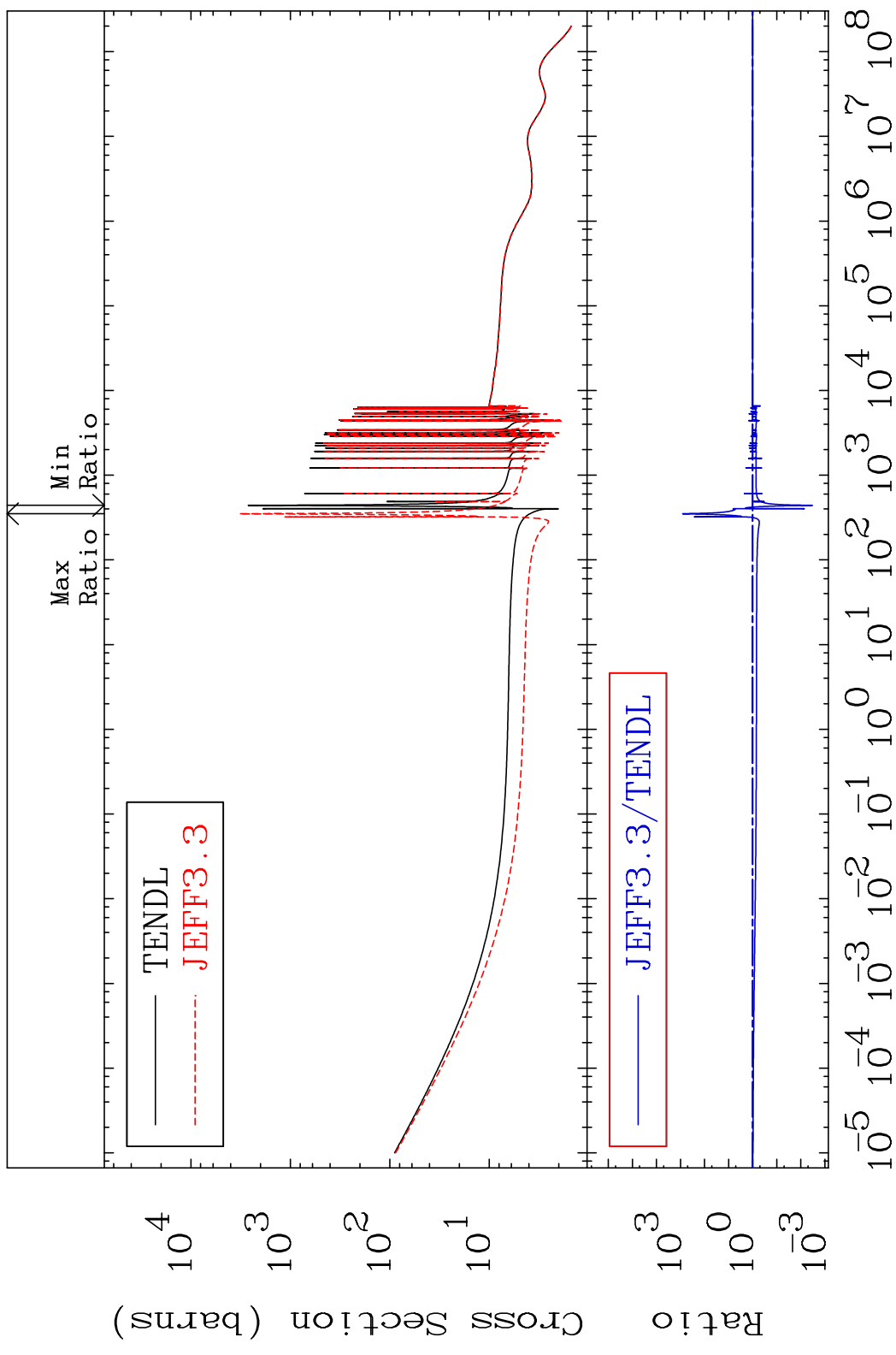
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 3646

Total Cross Section -99.67 To 9999. % 36-Kr-85



1

Incident Energy (eV)

36-Kr-85

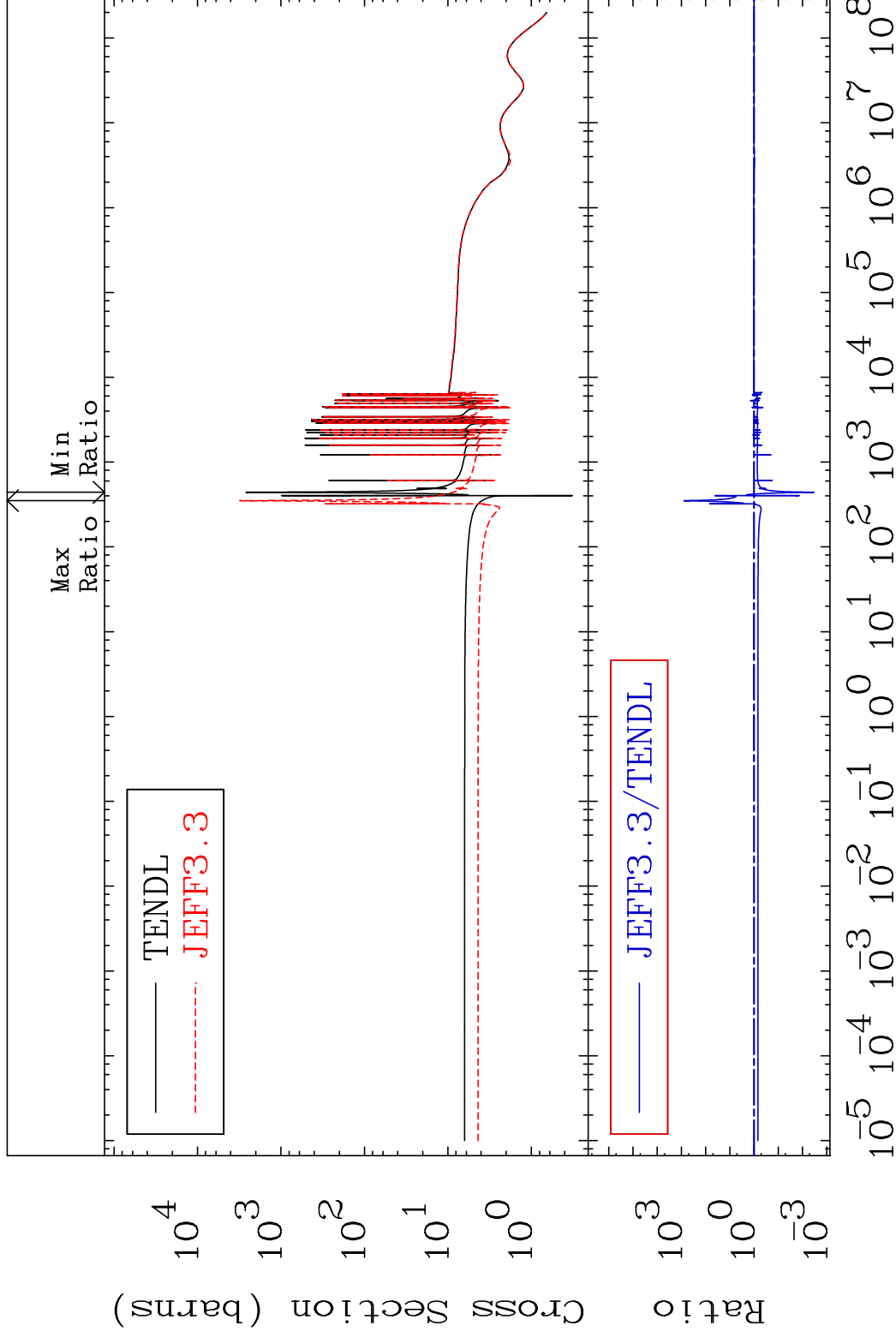
MAT 3646

Elastic

36-Kr-85

Cross Section

-99.67 To 9999. %

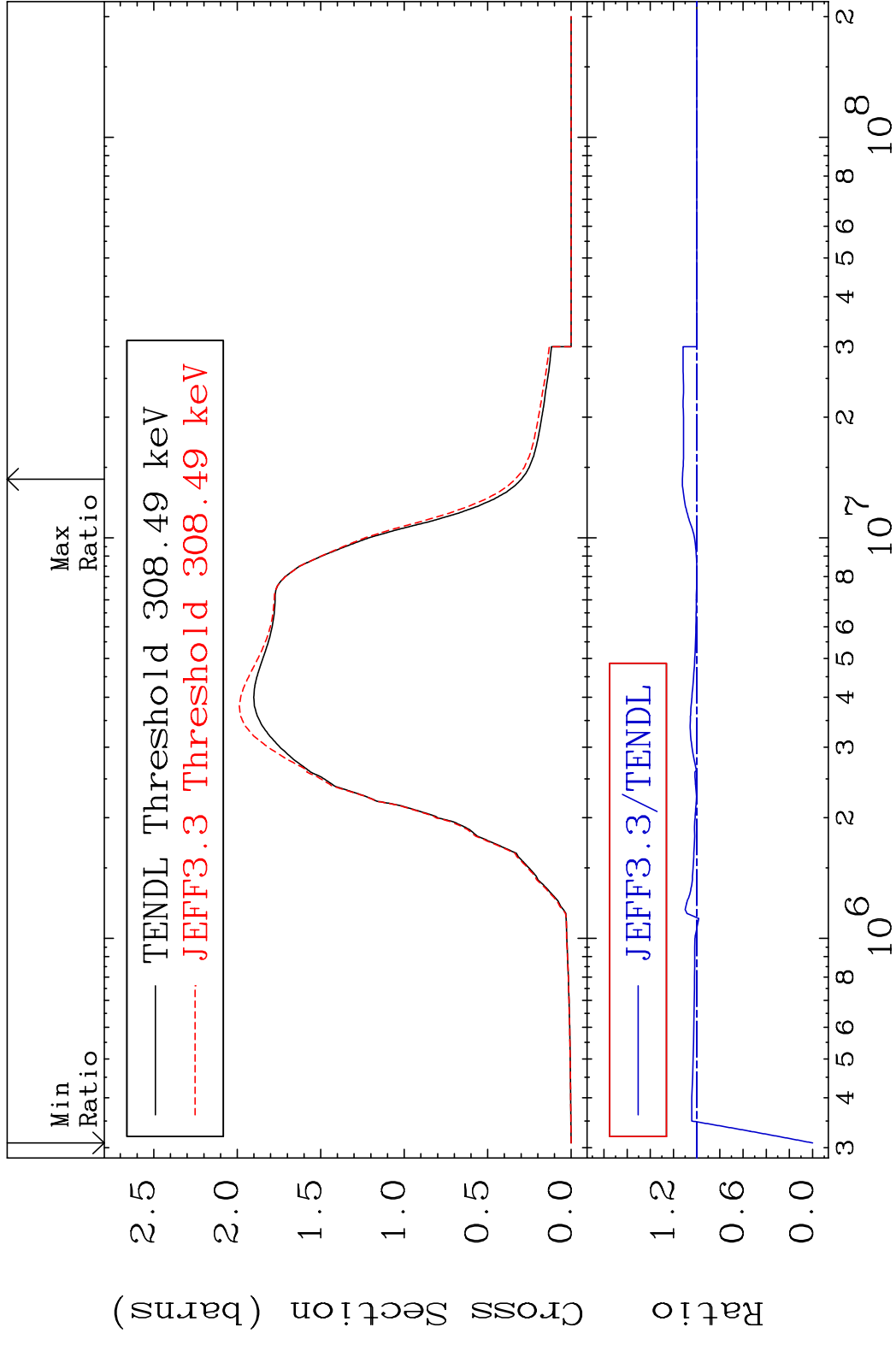


2

Incident Energy (eV)

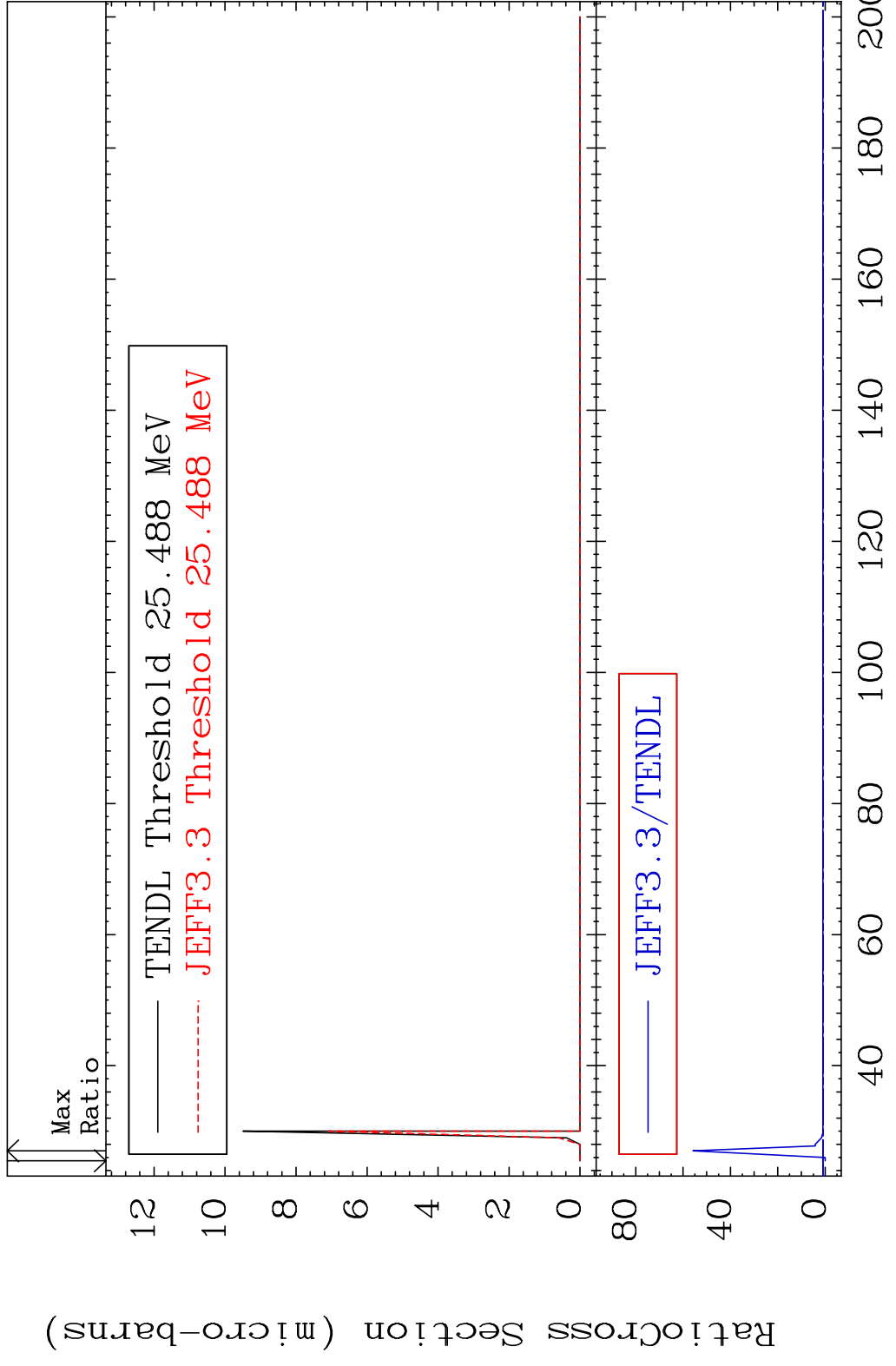
36-Kr-85

MAT 3646 Inelastic Cross Section -100.0 To 12.35 % 36-Kr-85



3 Incident Energy (eV) 36-Kr-85

MAT 3646 (n,2n) d 36-Kr-85
 Cross Section -100.0 To 5482. %

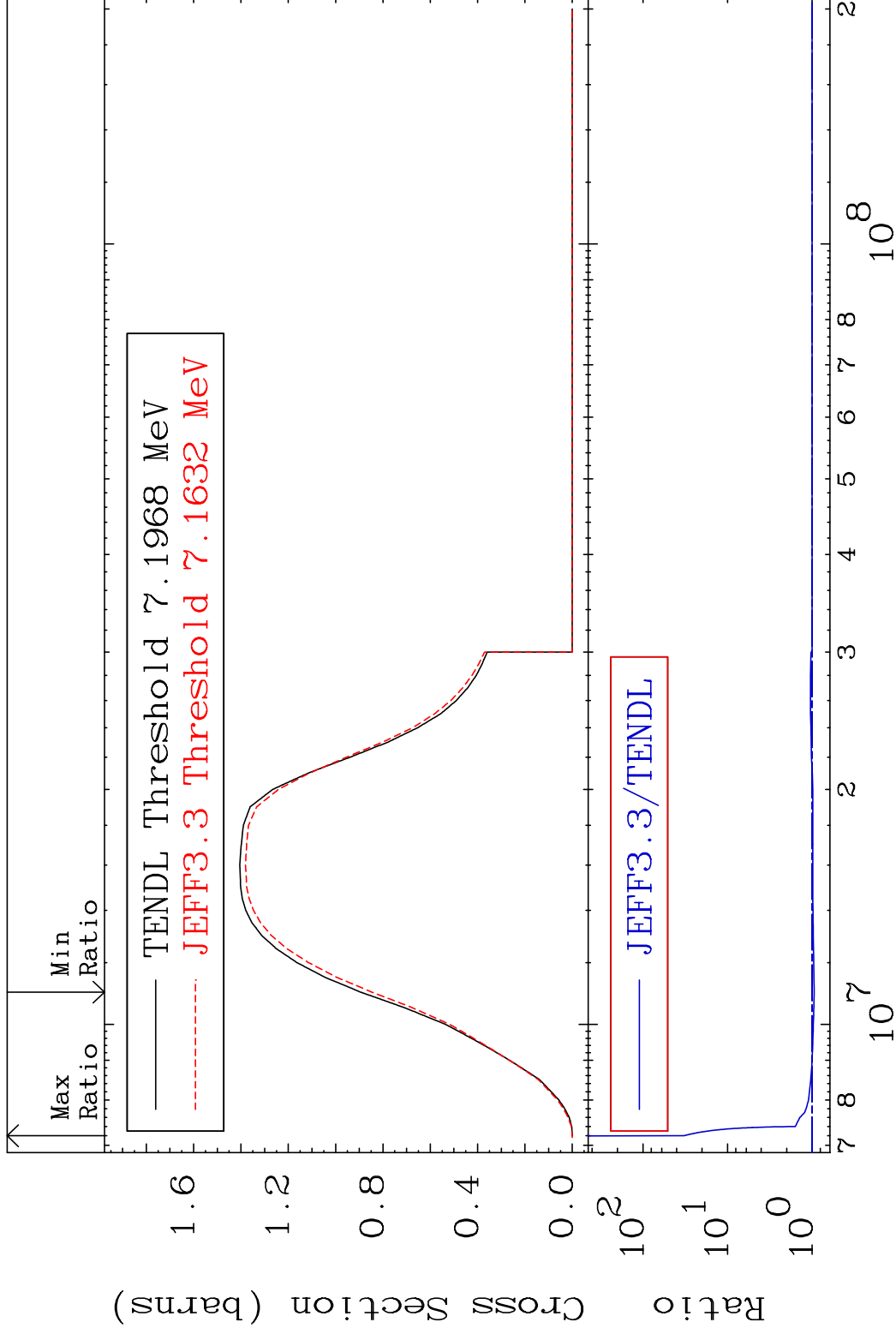


MAT 3646

(n,2n)

36-Kr-85

Cross Section -5.309 To 3203. %

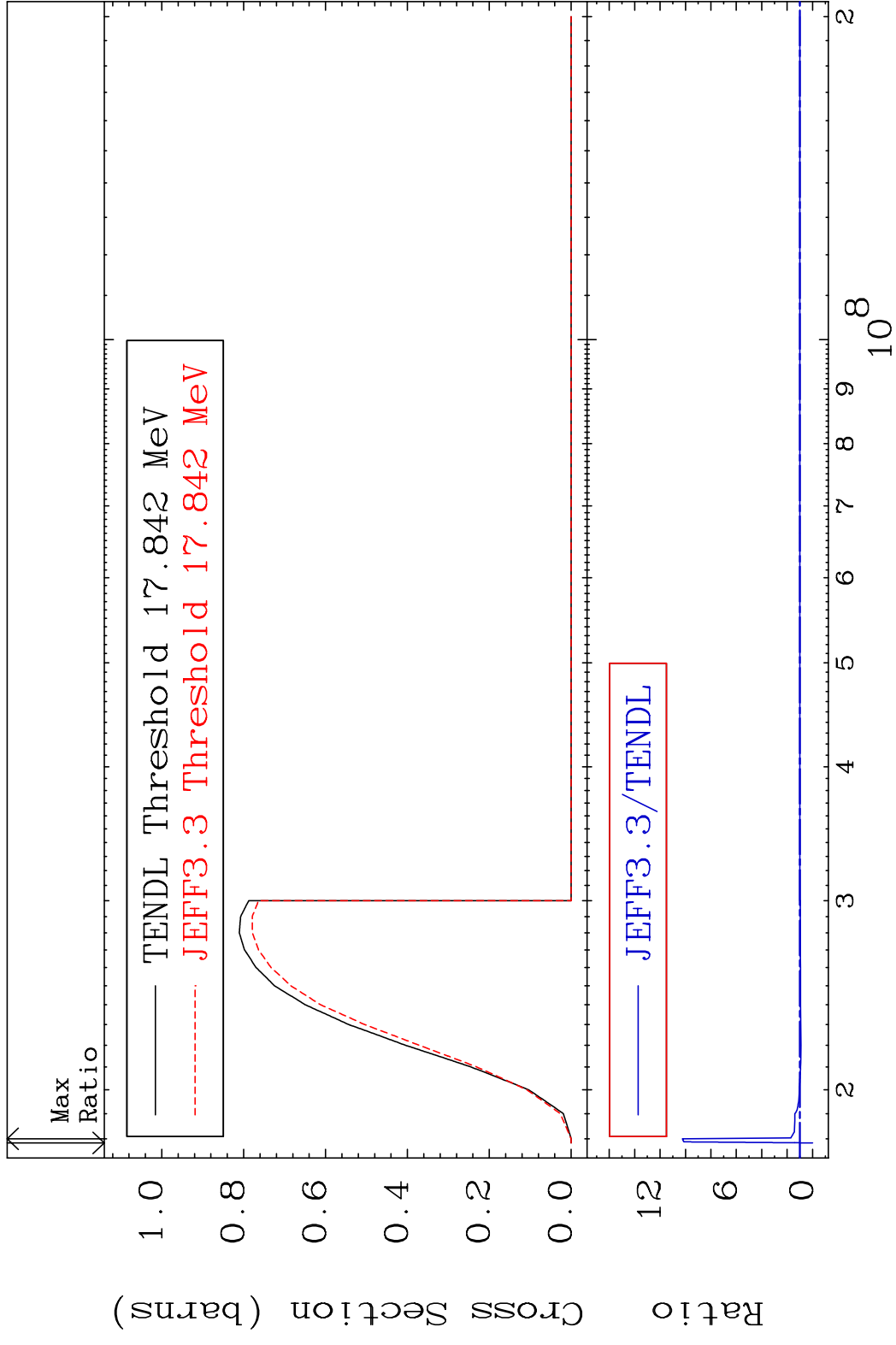


5

Incident Energy (eV)

36-Kr-85

MAT 3646 (n,3n) 36-Kr-85
 Cross Section -100.0 To 924.6 %

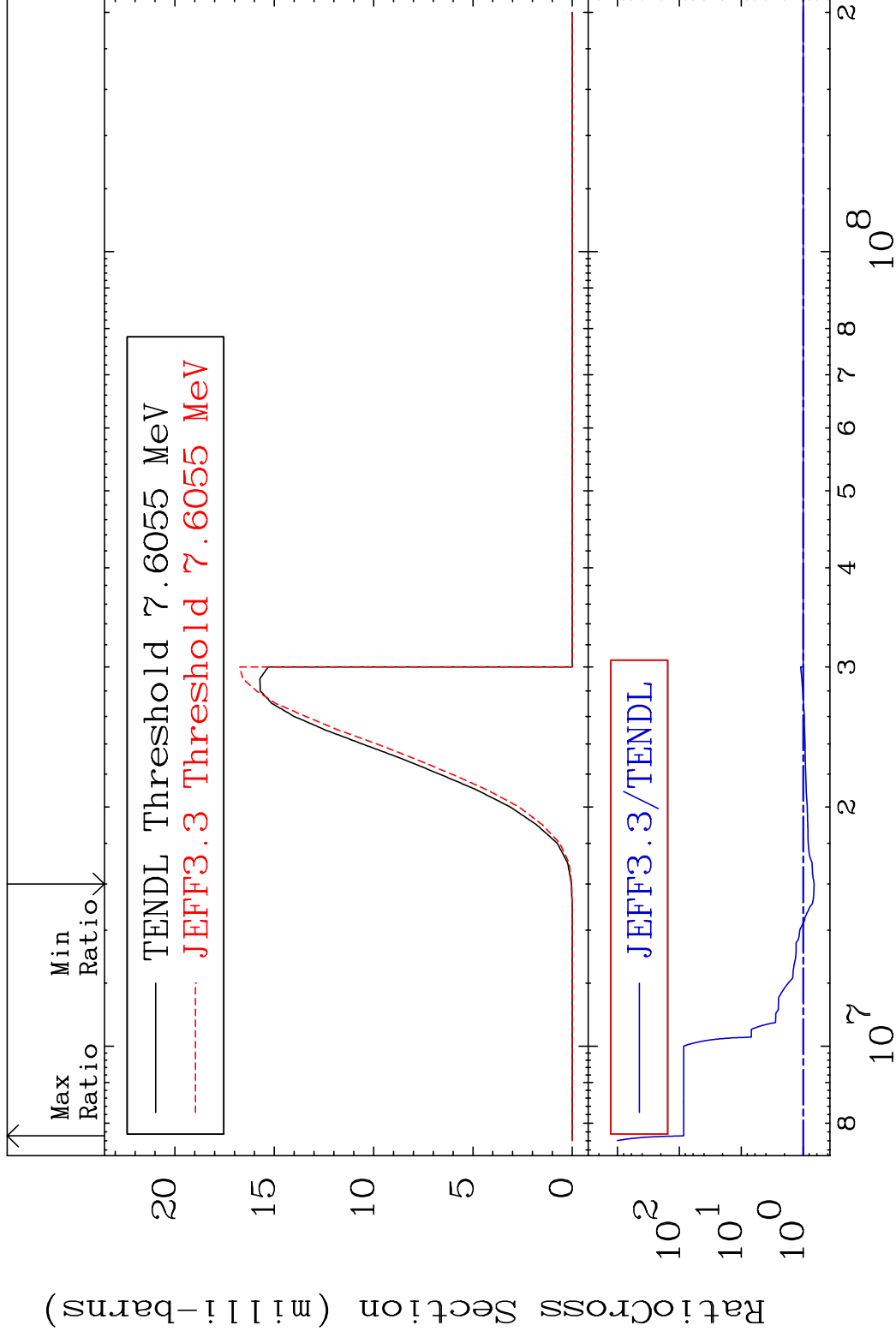


MAT 3646

(n, n') α

36-Kr-85

Cross Section -33.53 To 8434. %

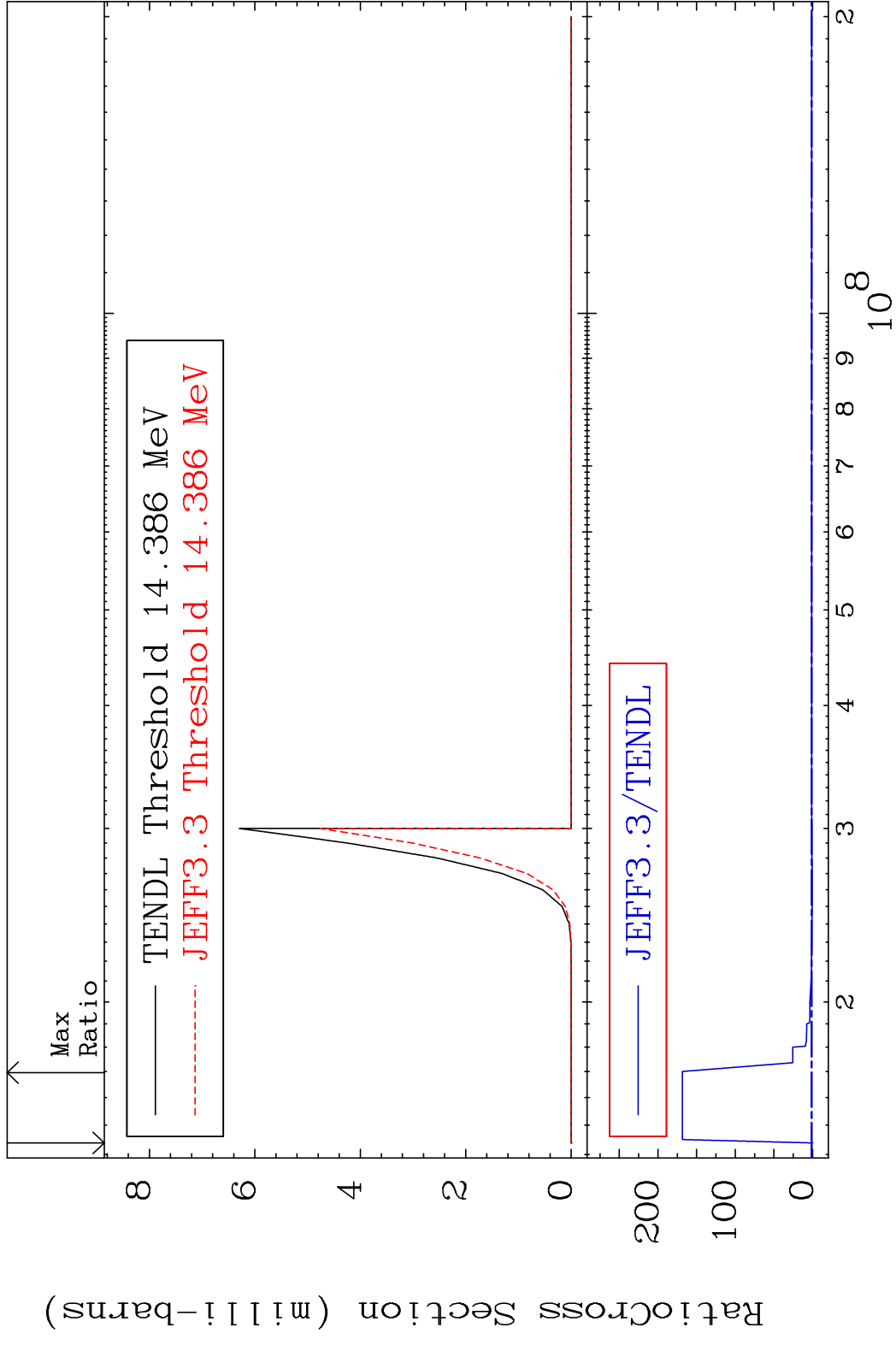


7

Incident Energy (eV)

36-Kr-85

MAT 3646 (n,2n) α 36-Kr-85
 Cross Section -100.0 To 9999. %

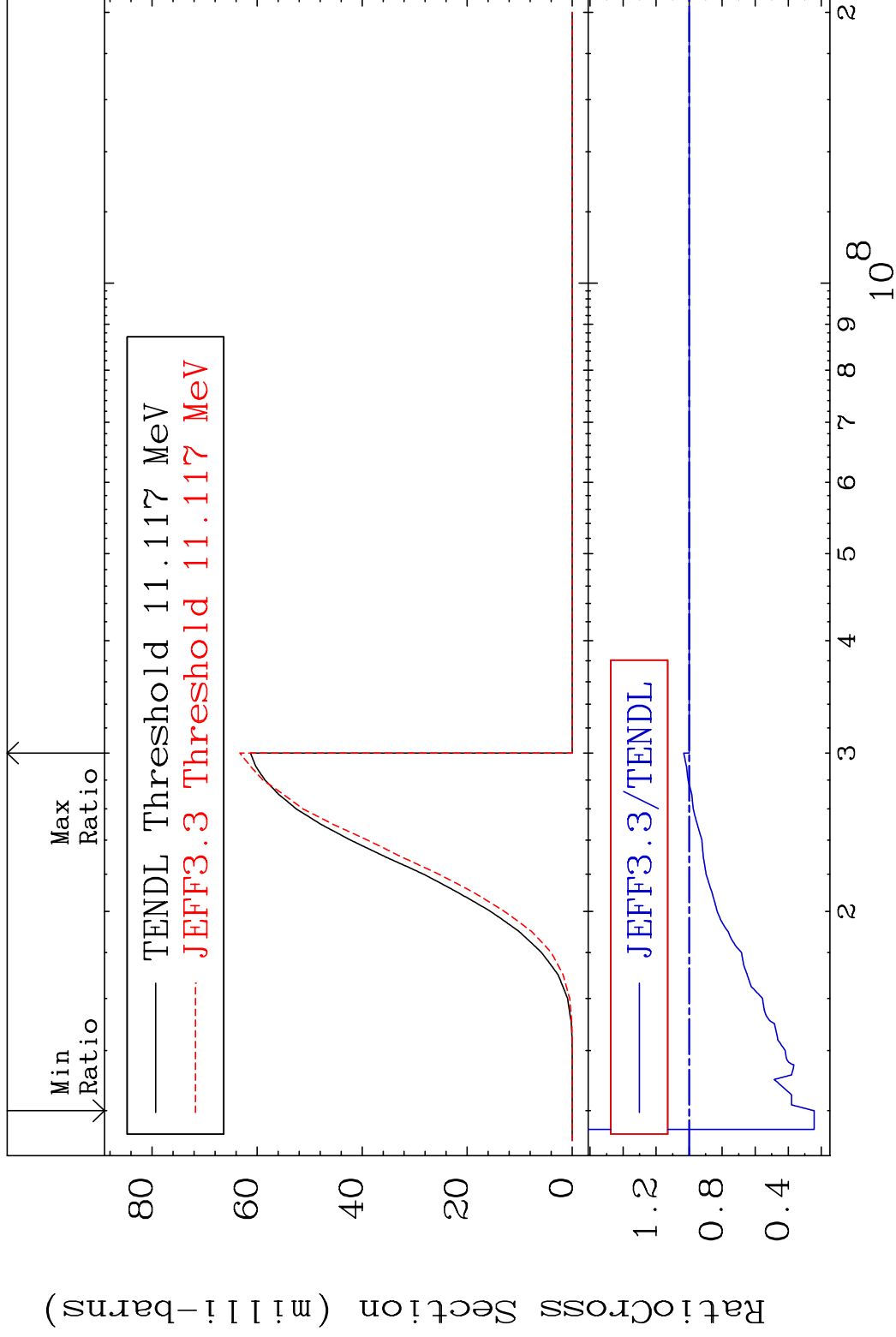


8 8 36-Kr-85

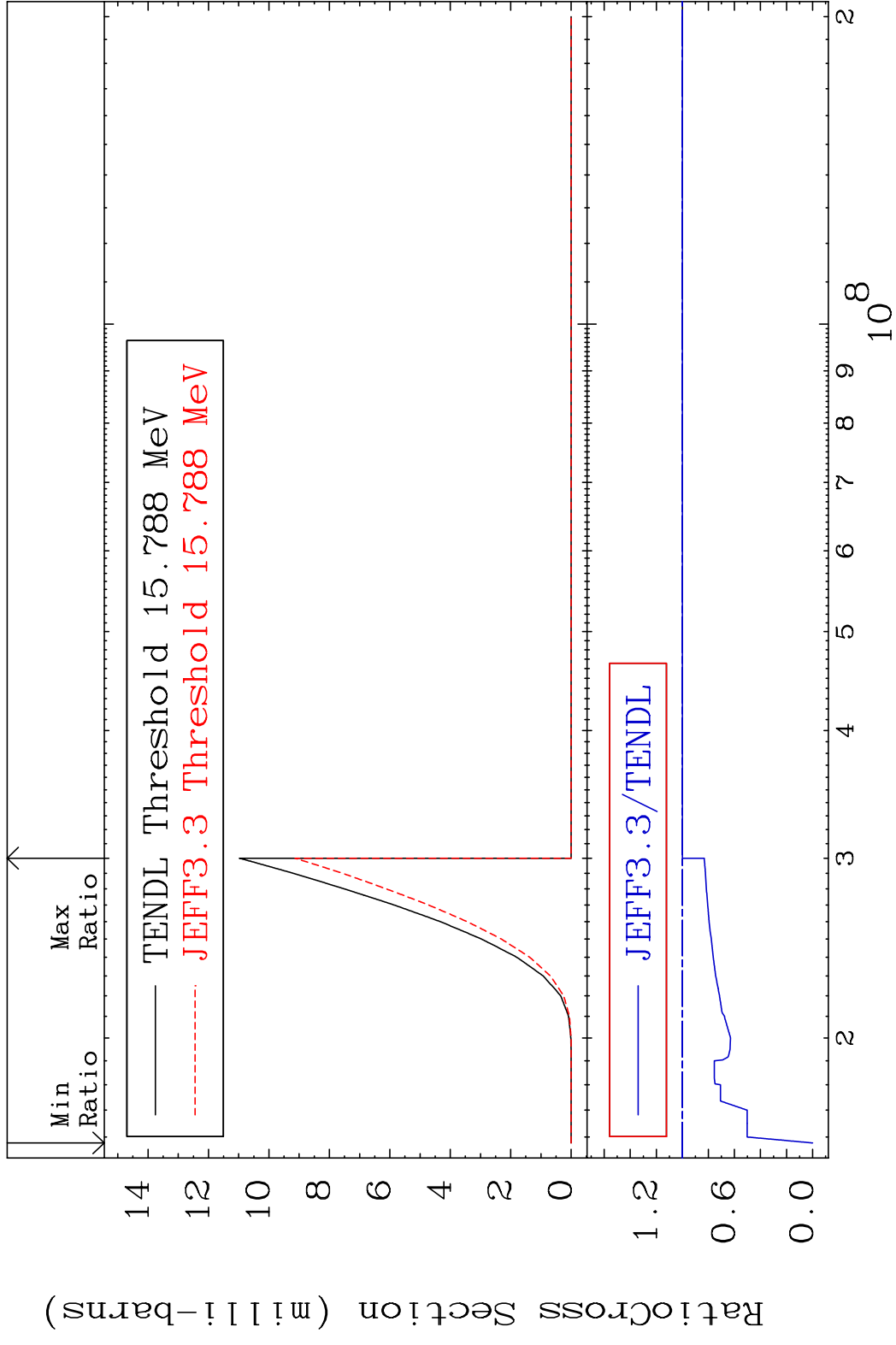
MAT 3646

(n, n') p
Cross Section -75.67 To 3.333 %

36-Kr-85

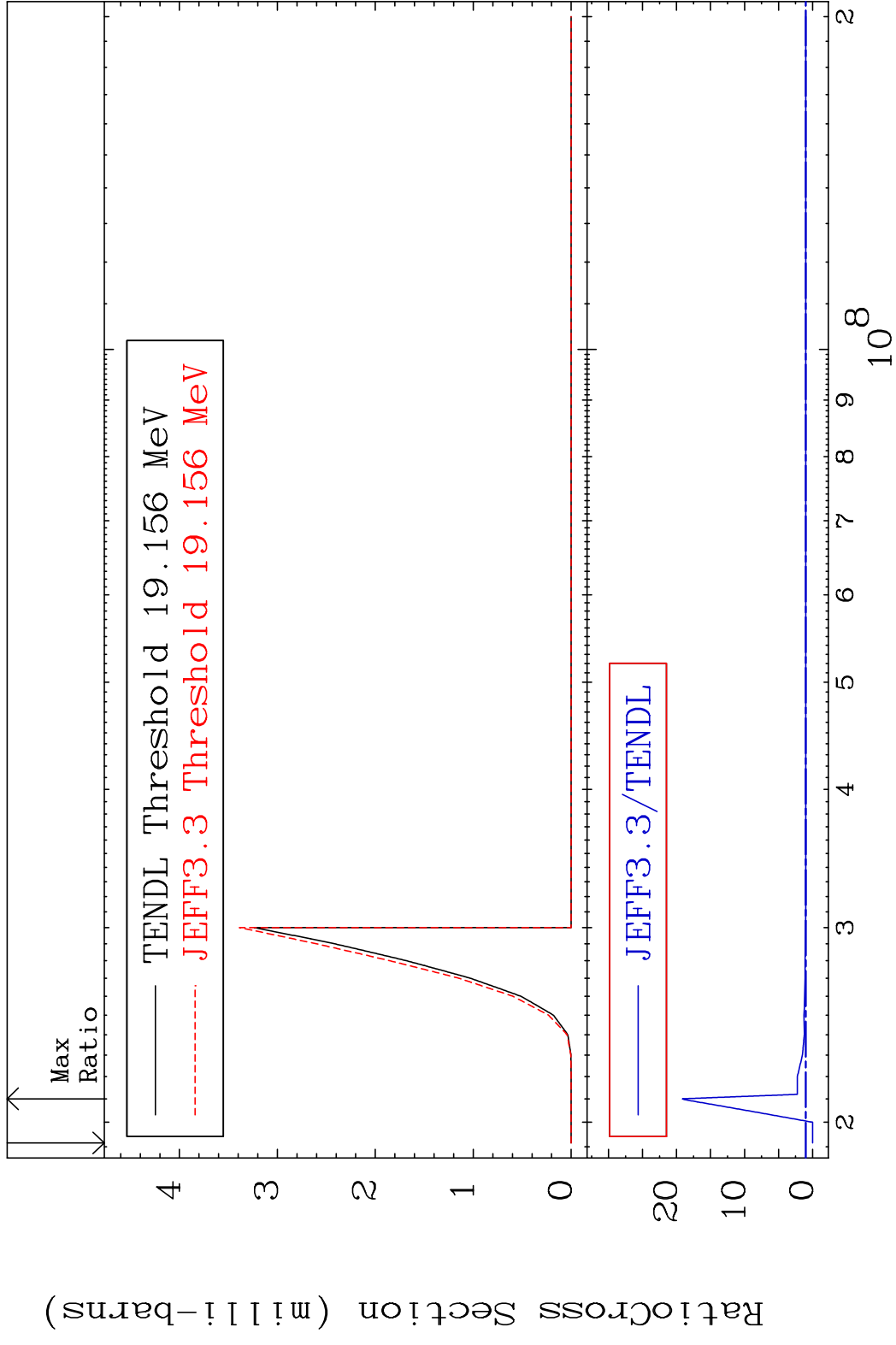


MAT 3646 (n, n') d 36-Kr-85
 Cross Section -100.0 To 0.000 %

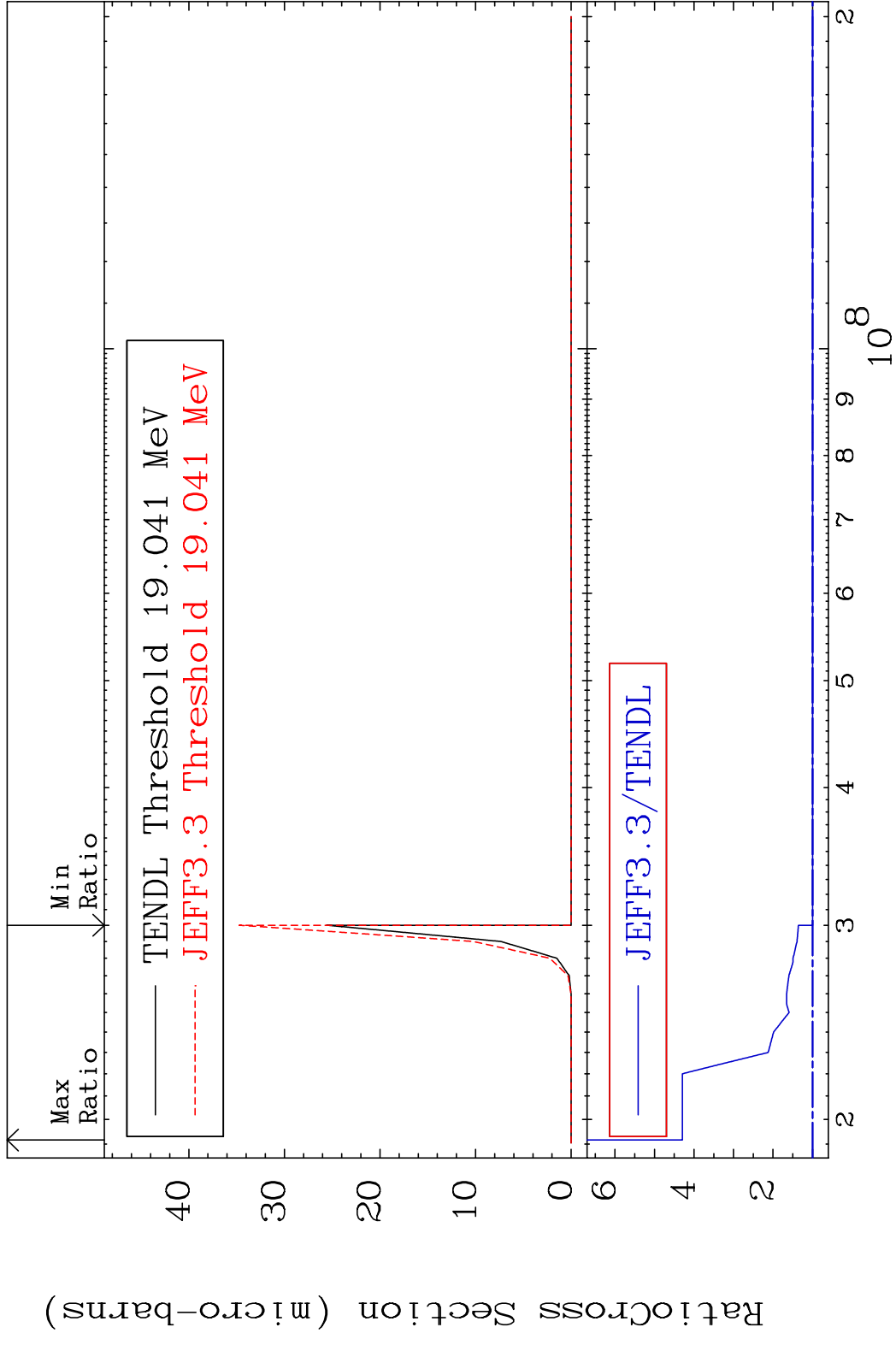


10 Incident Energy (eV) 36-Kr-85

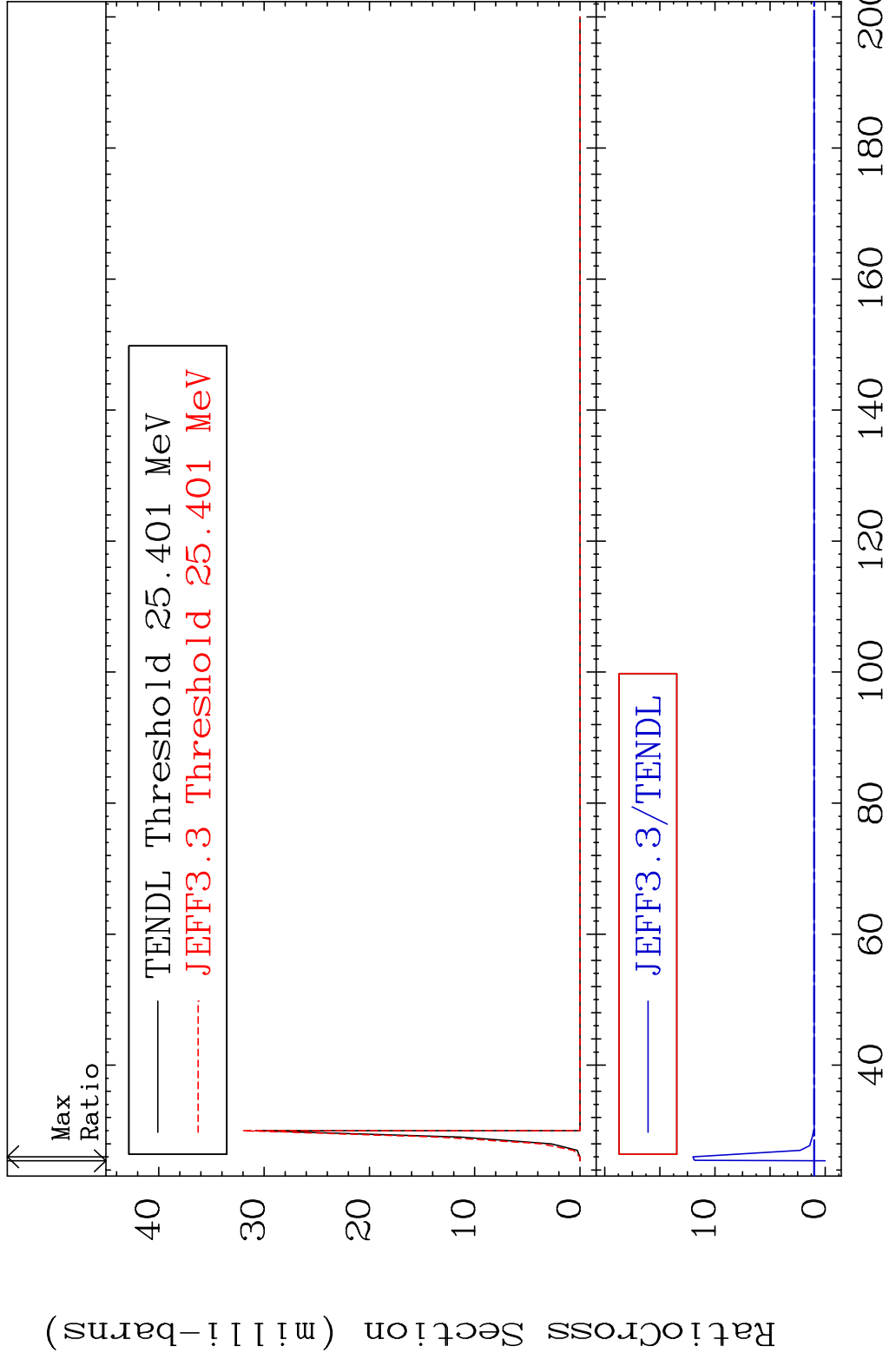
MAT 3646 (n, n') t 36-Kr-85
 Cross Section -100.0 To 1815. %



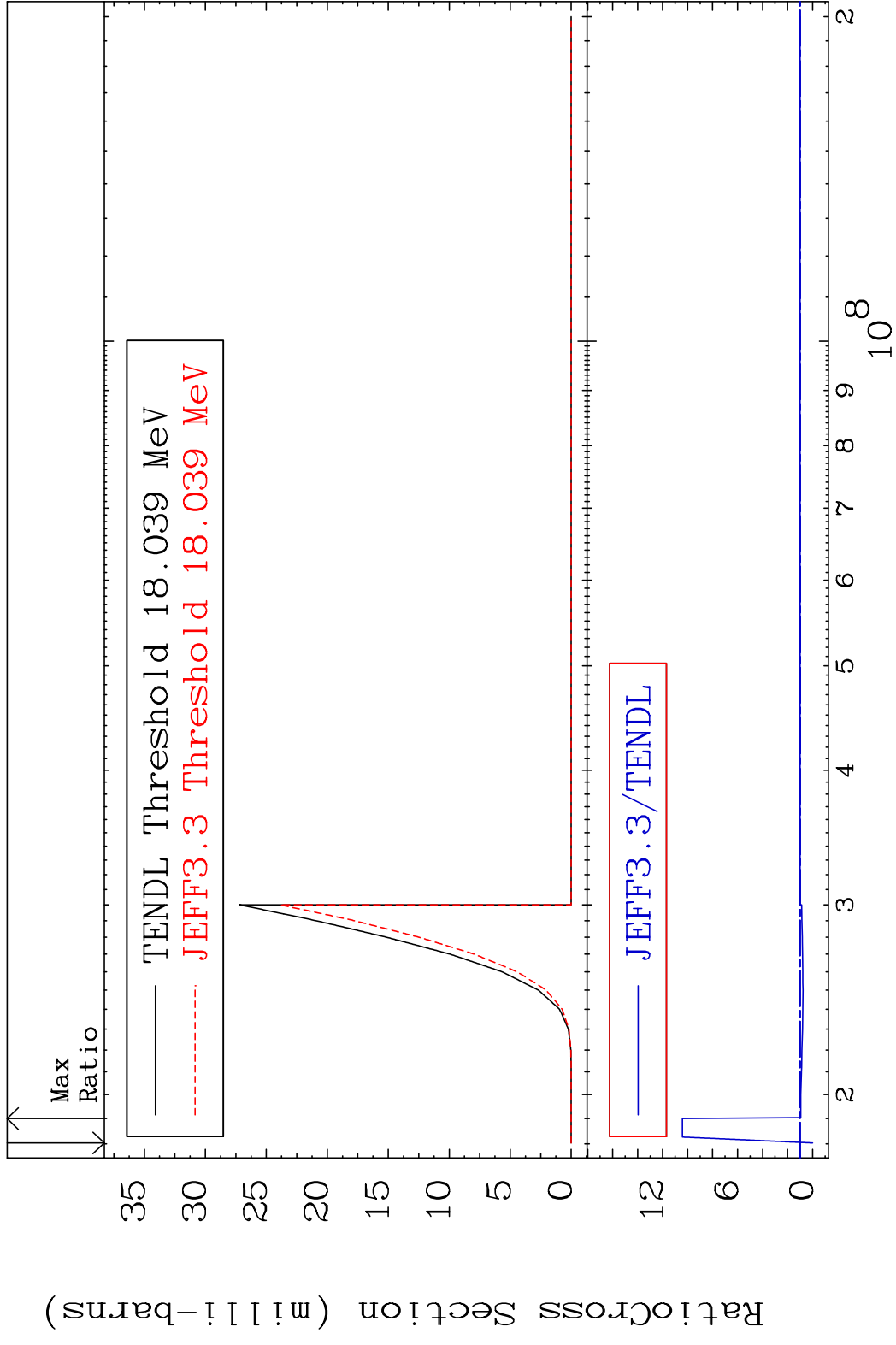
MAT 3646 (n,n') He-3 36-Kr-85
 Cross Section 0.000 To 329.4 %



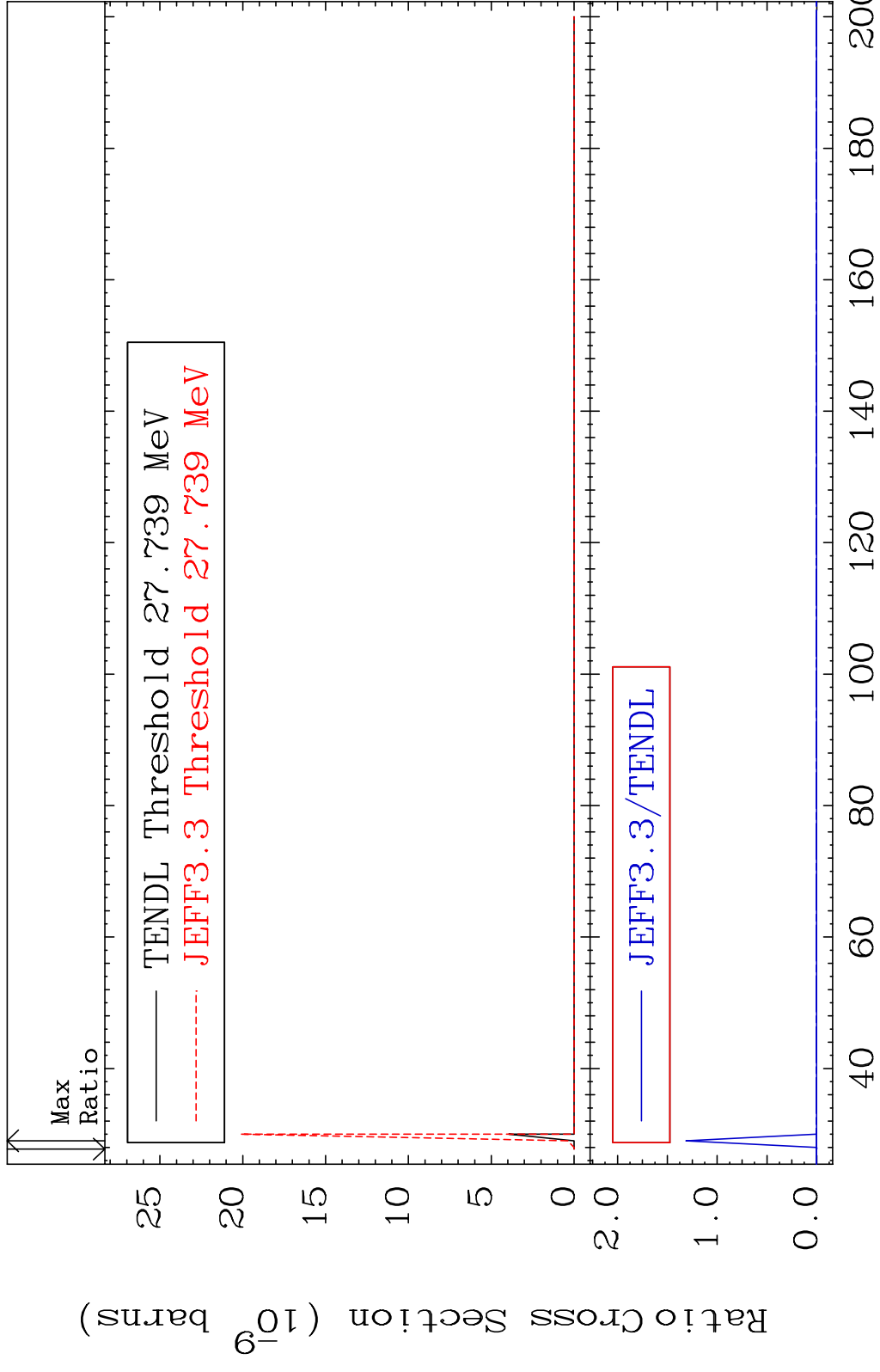
MAT 3646 (n,4n) 36-Kr-85
 Cross Section -100.0 To 1100. %



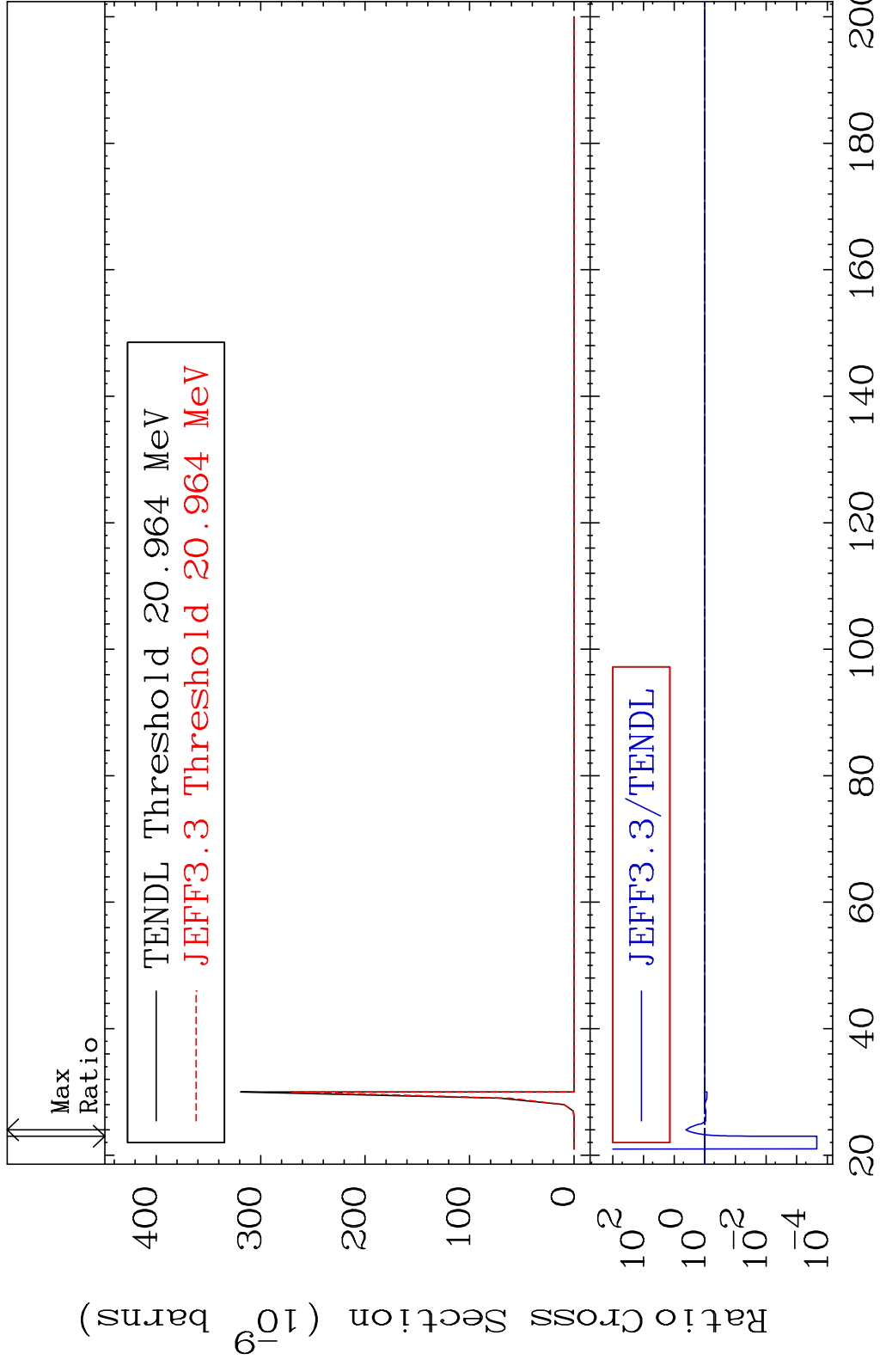
MAT 3646 (n,2n) p 36-Kr-85
 Cross Section -100.0 To 942.1 %



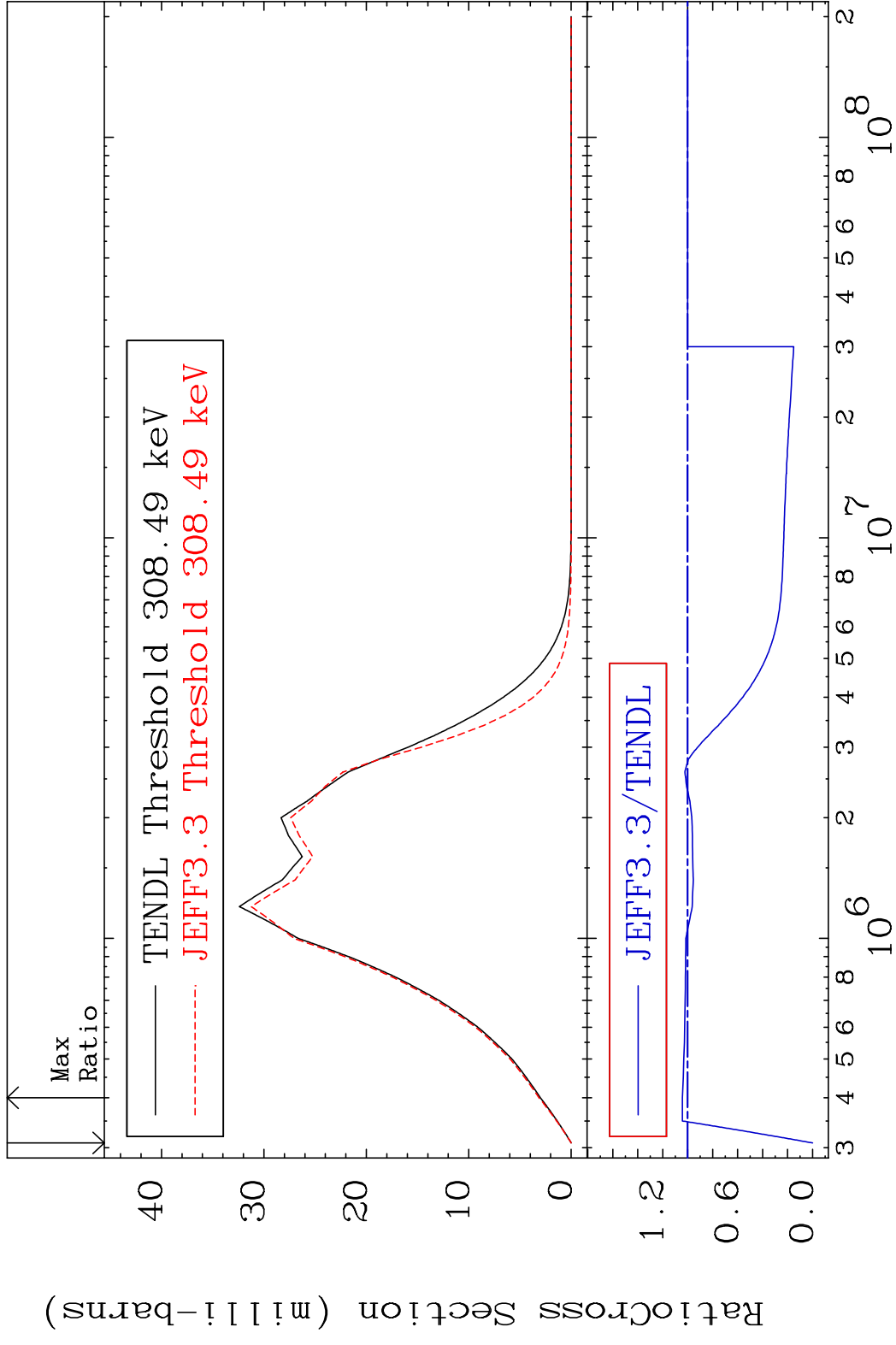
MAT 3646 (n,3n) p 36-Kr-85
 Cross Section -100.0 To 9999. %



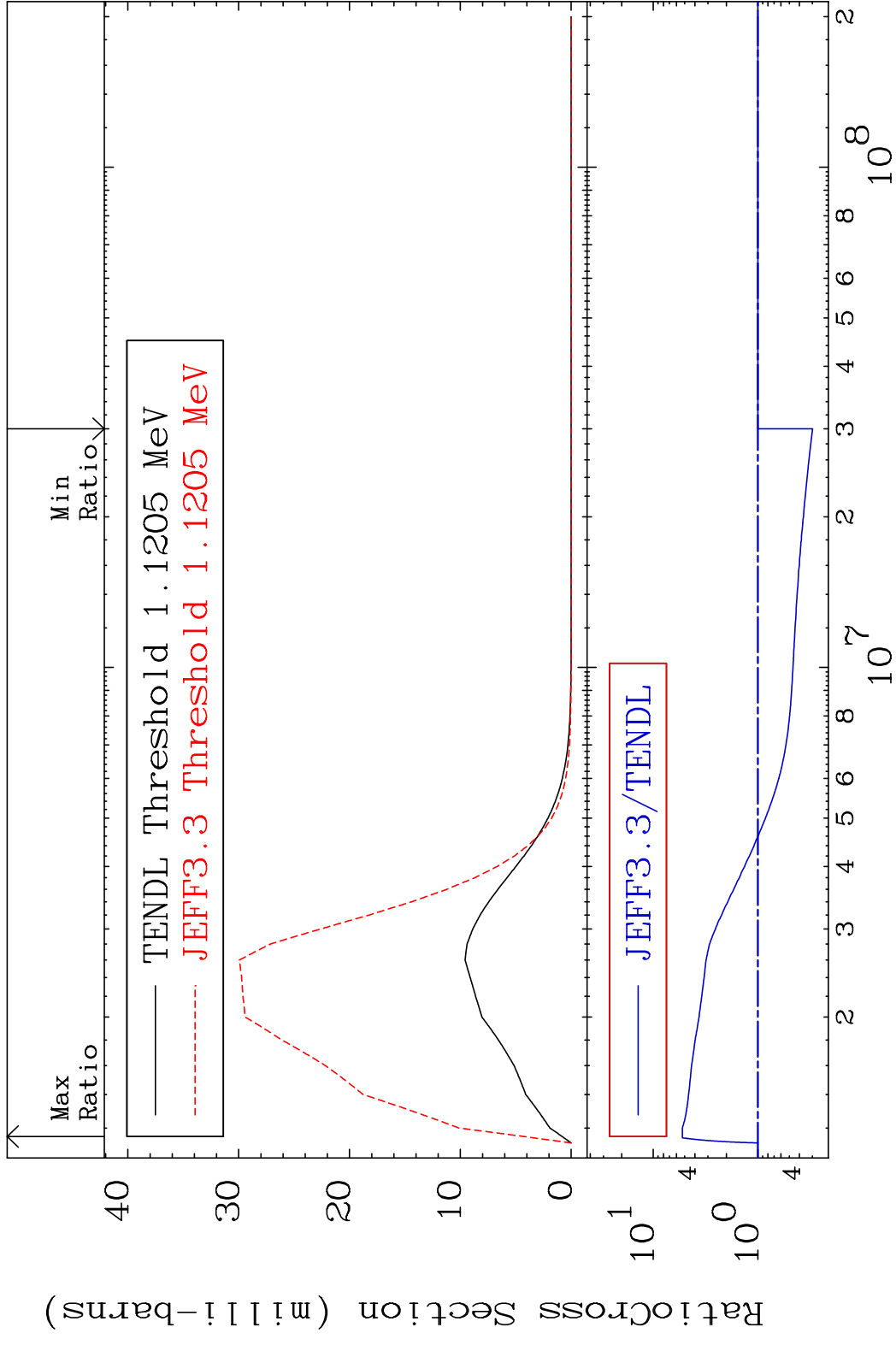
MAT 3646 (n,2n) p 36-Kr-85
 Cross Section -99.98 To 314.3 %



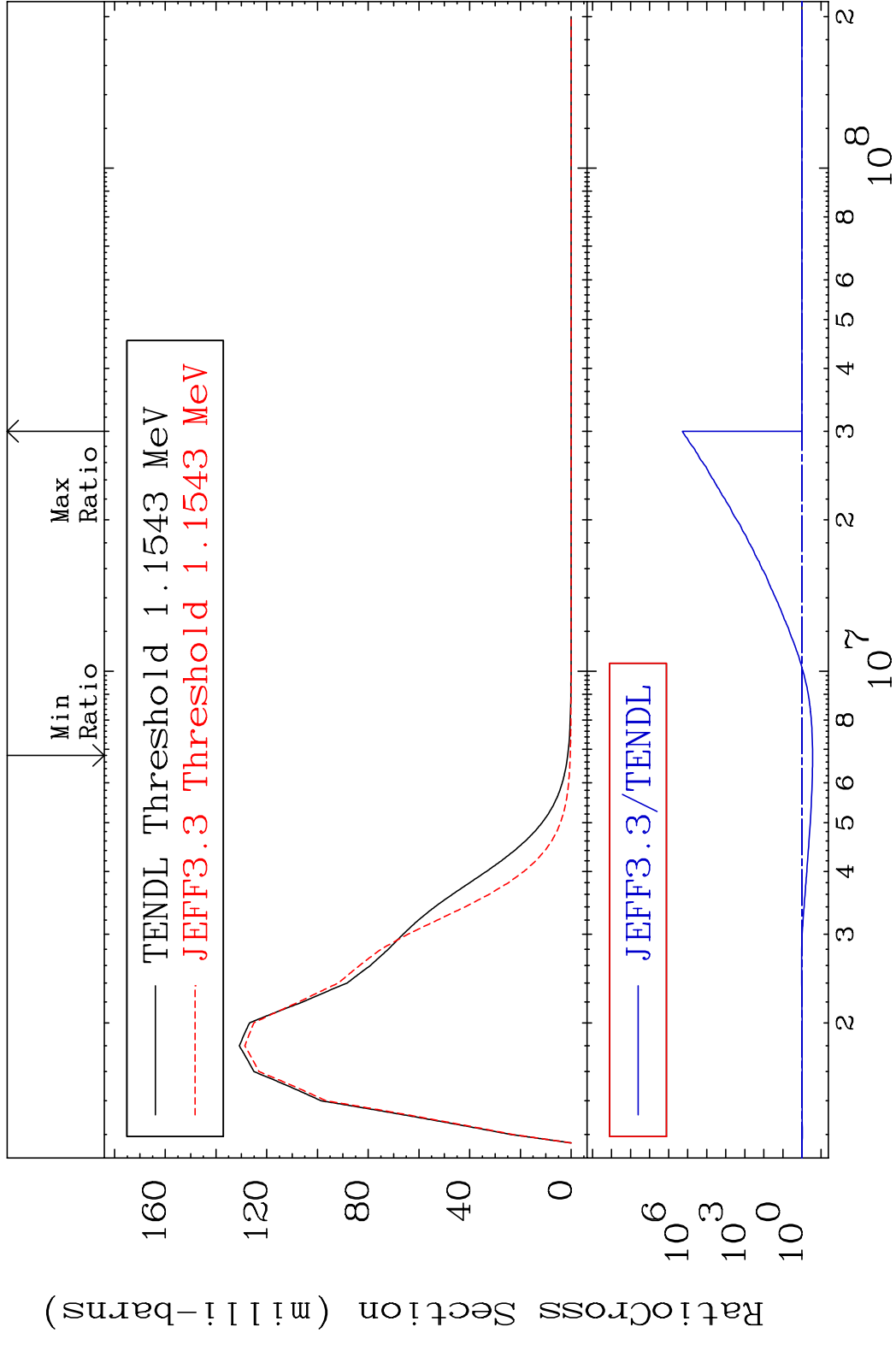
MAT 3646 MT= 51 (n,n') Level 36-Kr-85
 Cross Section -100.0 To 4.283 %



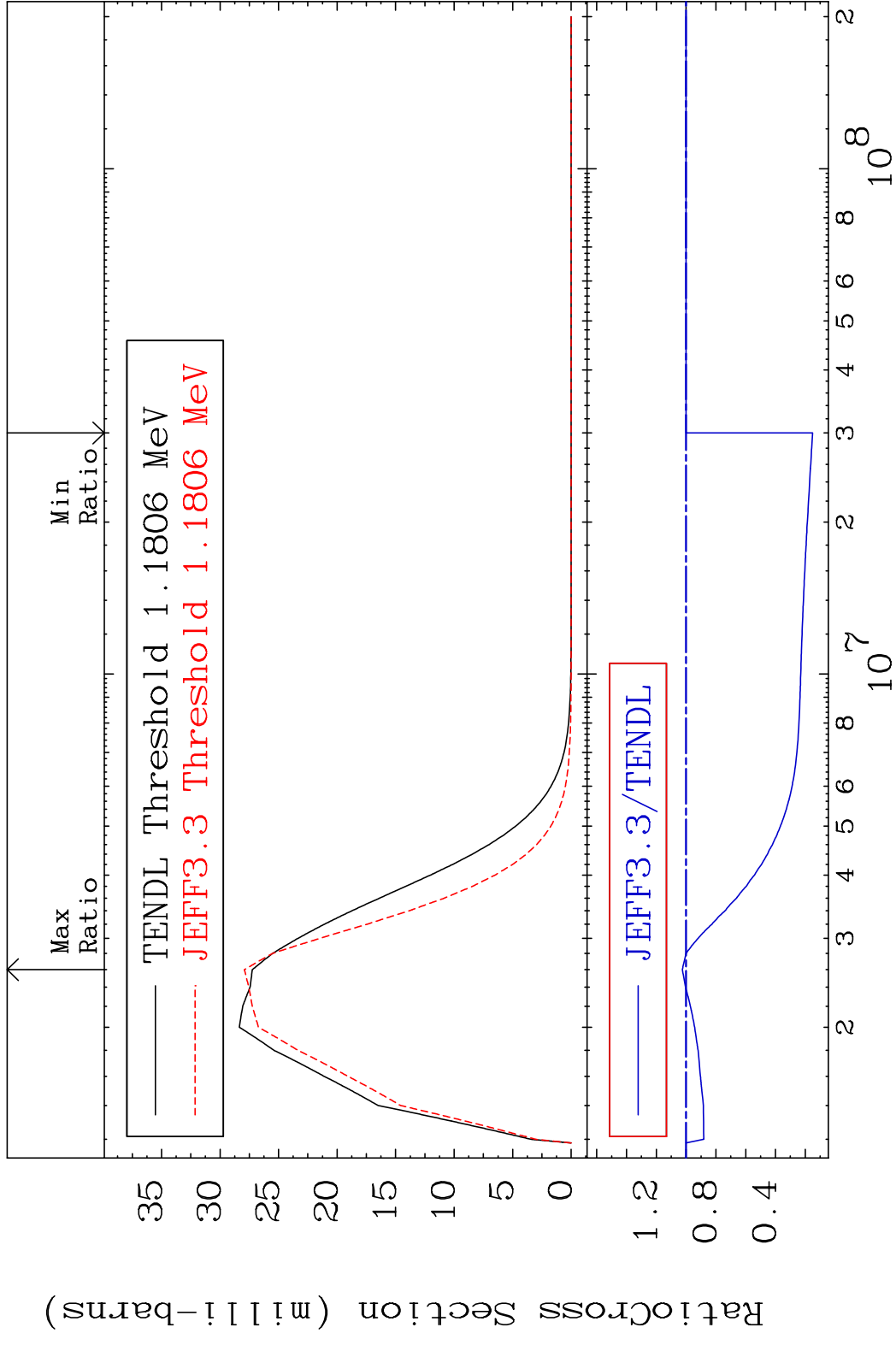
MAT 3646 MT= 52 (n, n') Level 36-Kr-85
 Cross Section -70.09 To 426.8 %



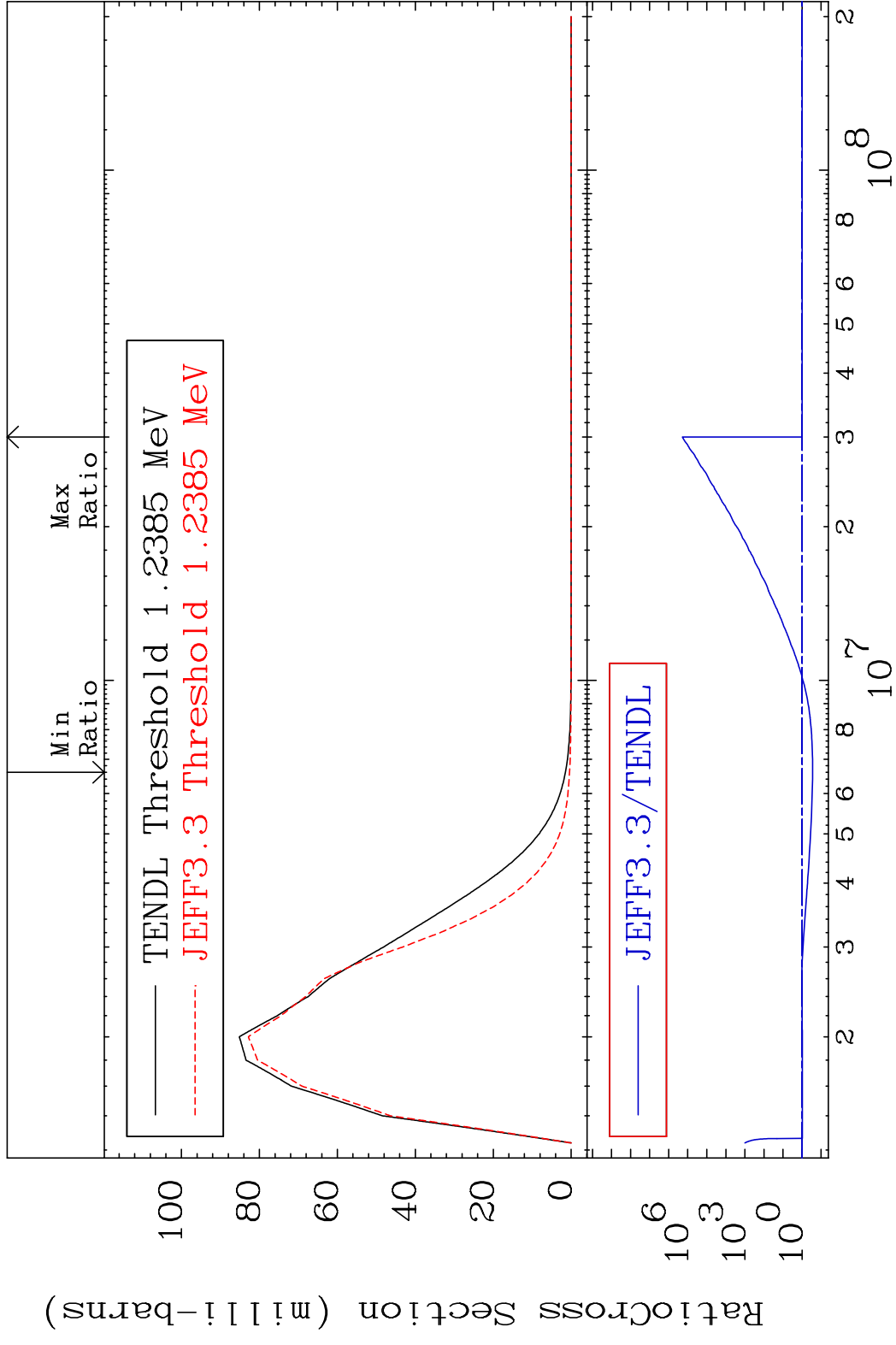
MAT 3646 MT= 53 (n, n') Level 36-Kr-85
 Cross Section -72.12 To 9999. %



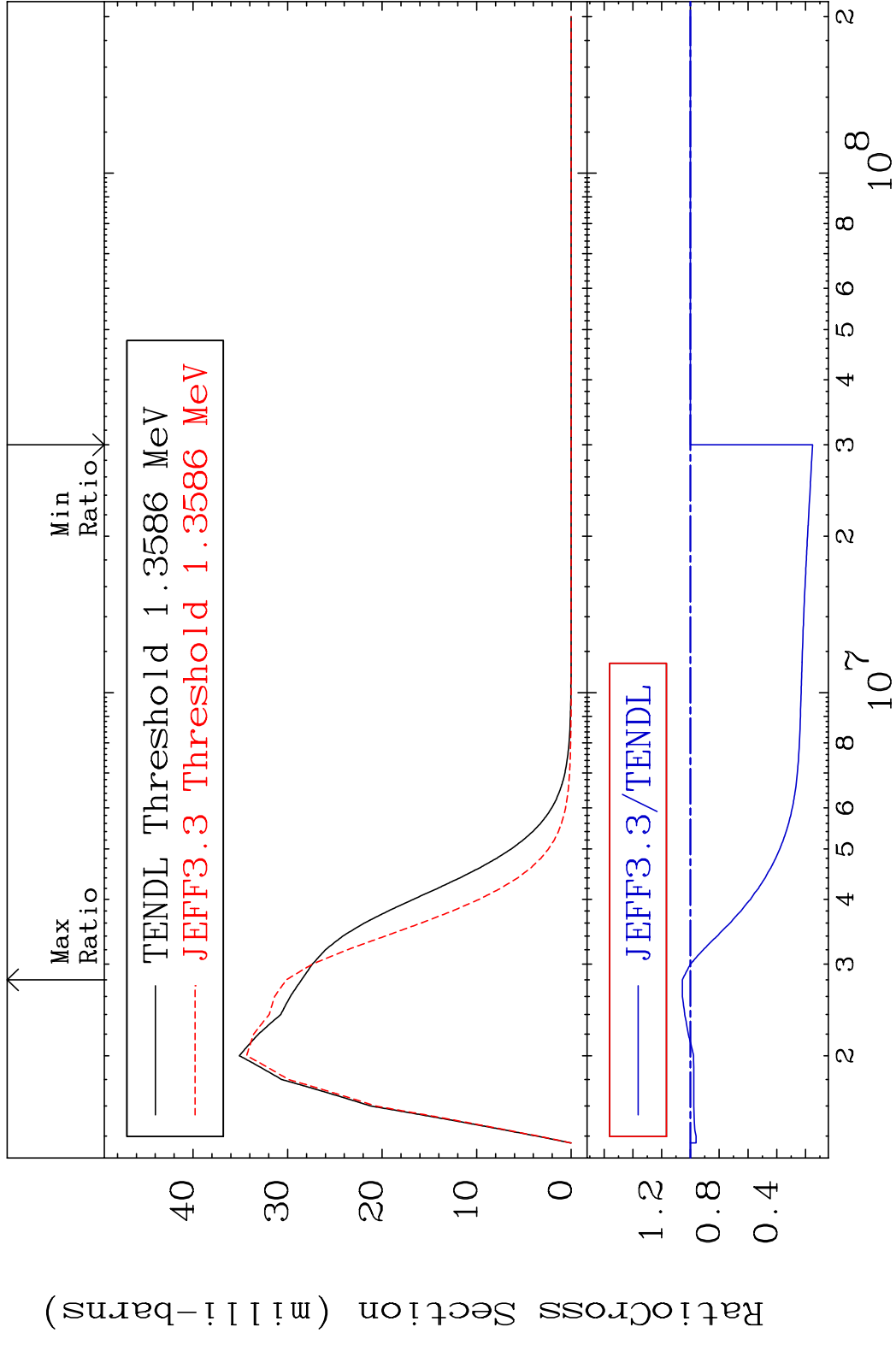
MAT 3646 MT= 54 (n, n') Level 36-Kr-85
 Cross Section -84.89 To 2.504 %



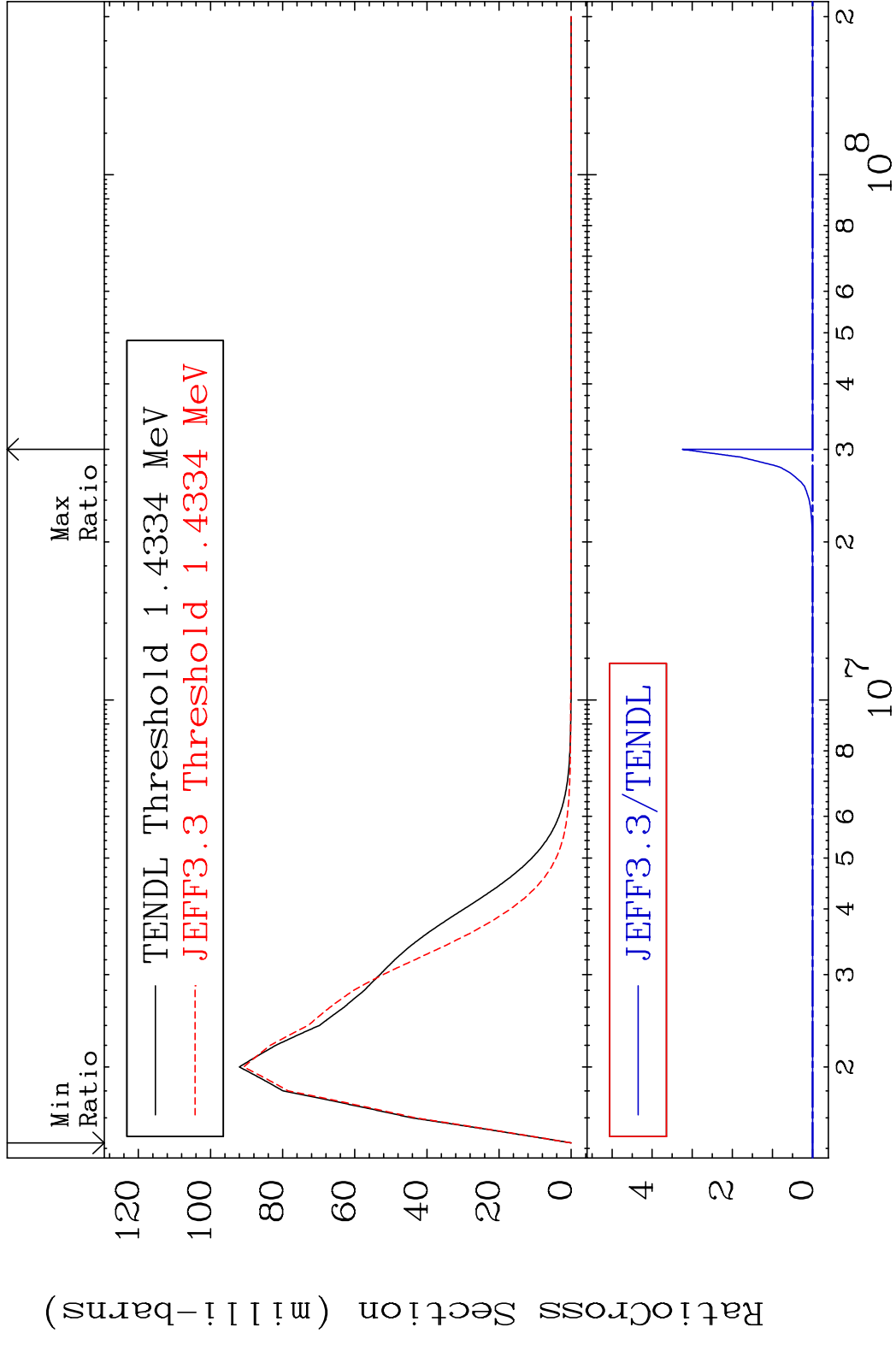
MAT 3646 MT= 55 (n, n') Level 36-Kr-85
 Cross Section -71.94 To 9999. %



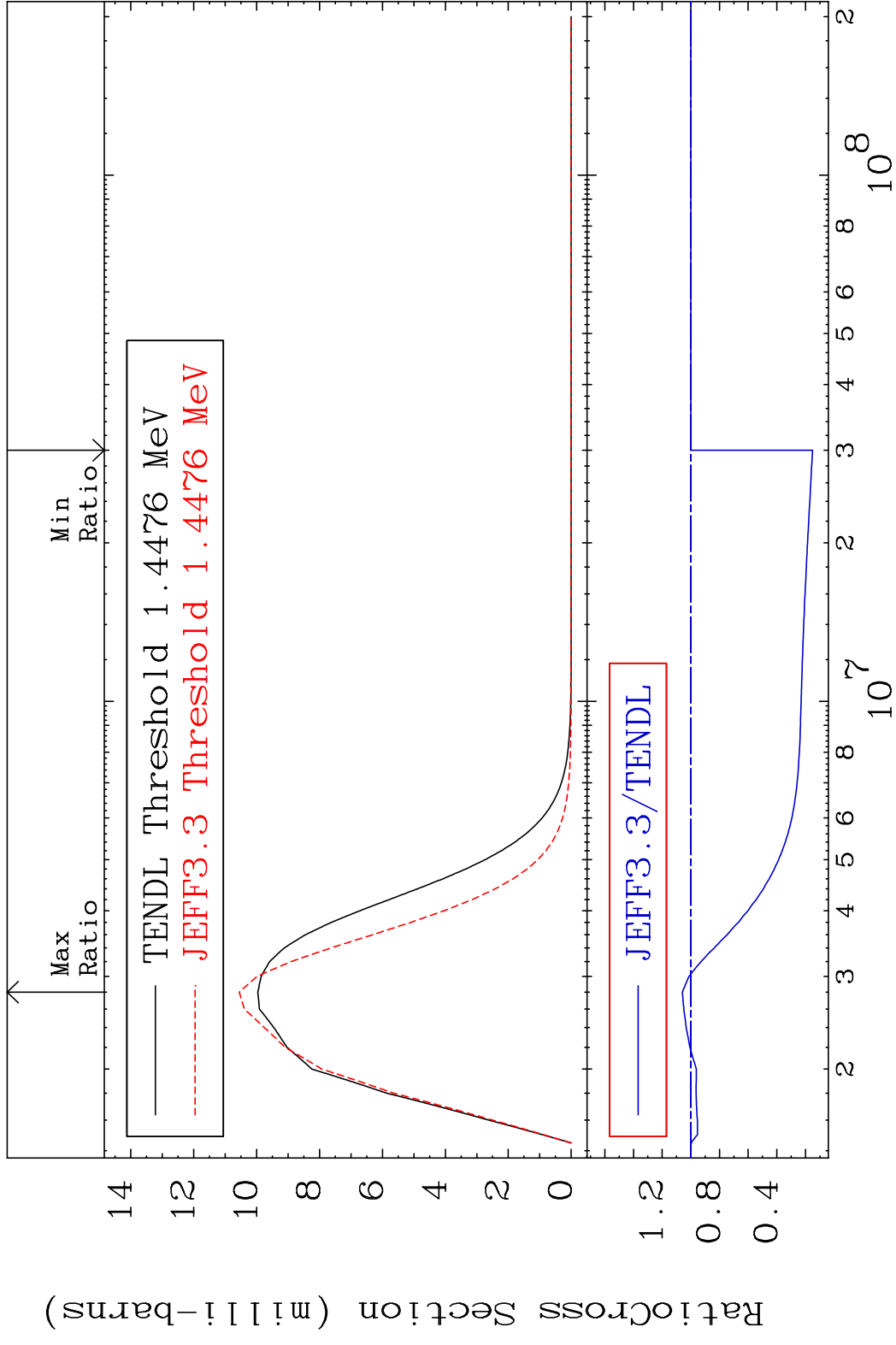
MAT 3646 MT= 56 (n,n') Level 36-Kr-85
 Cross Section -84.89 To 5.610 %



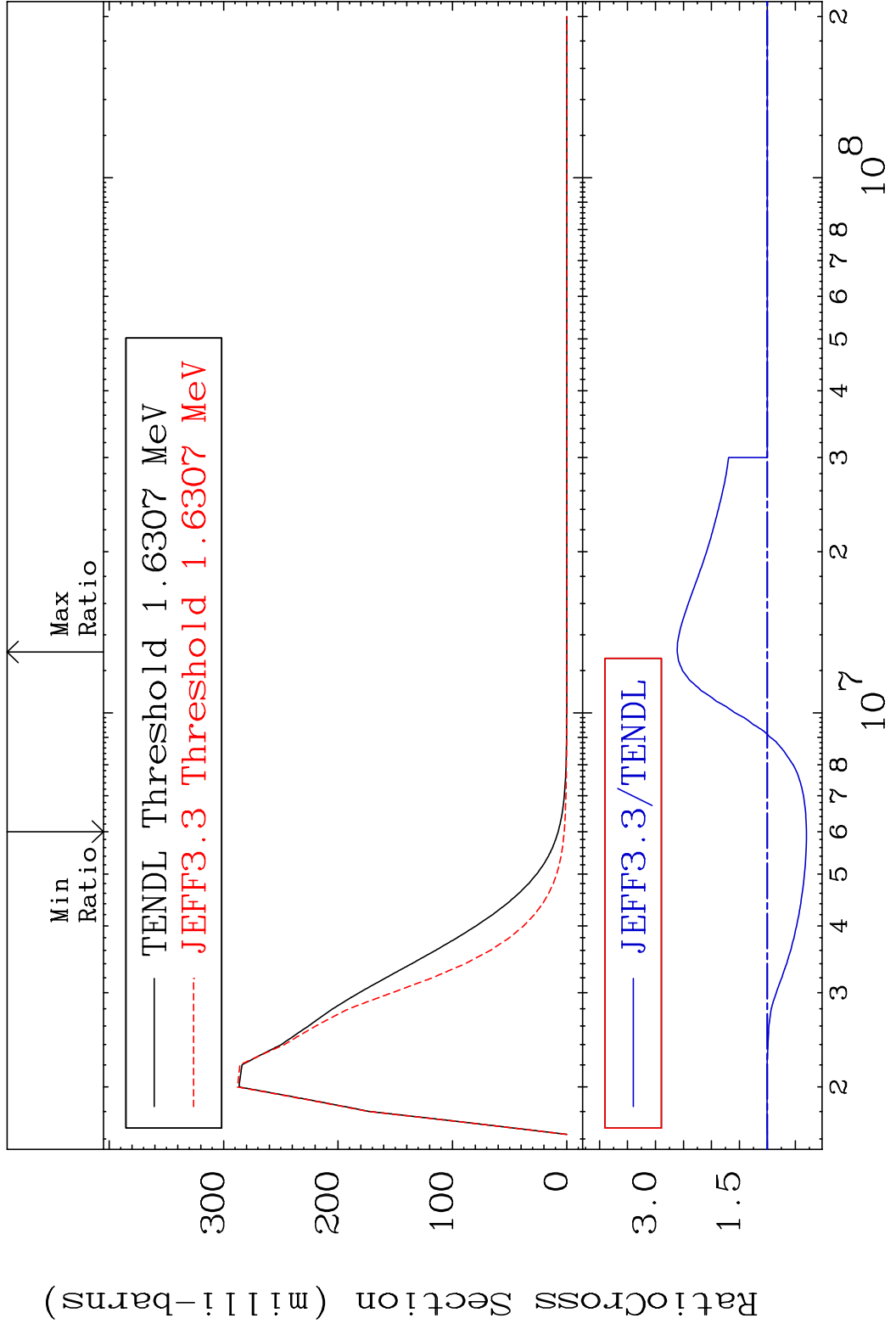
MAT 3646 MT= 57 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 9999. %



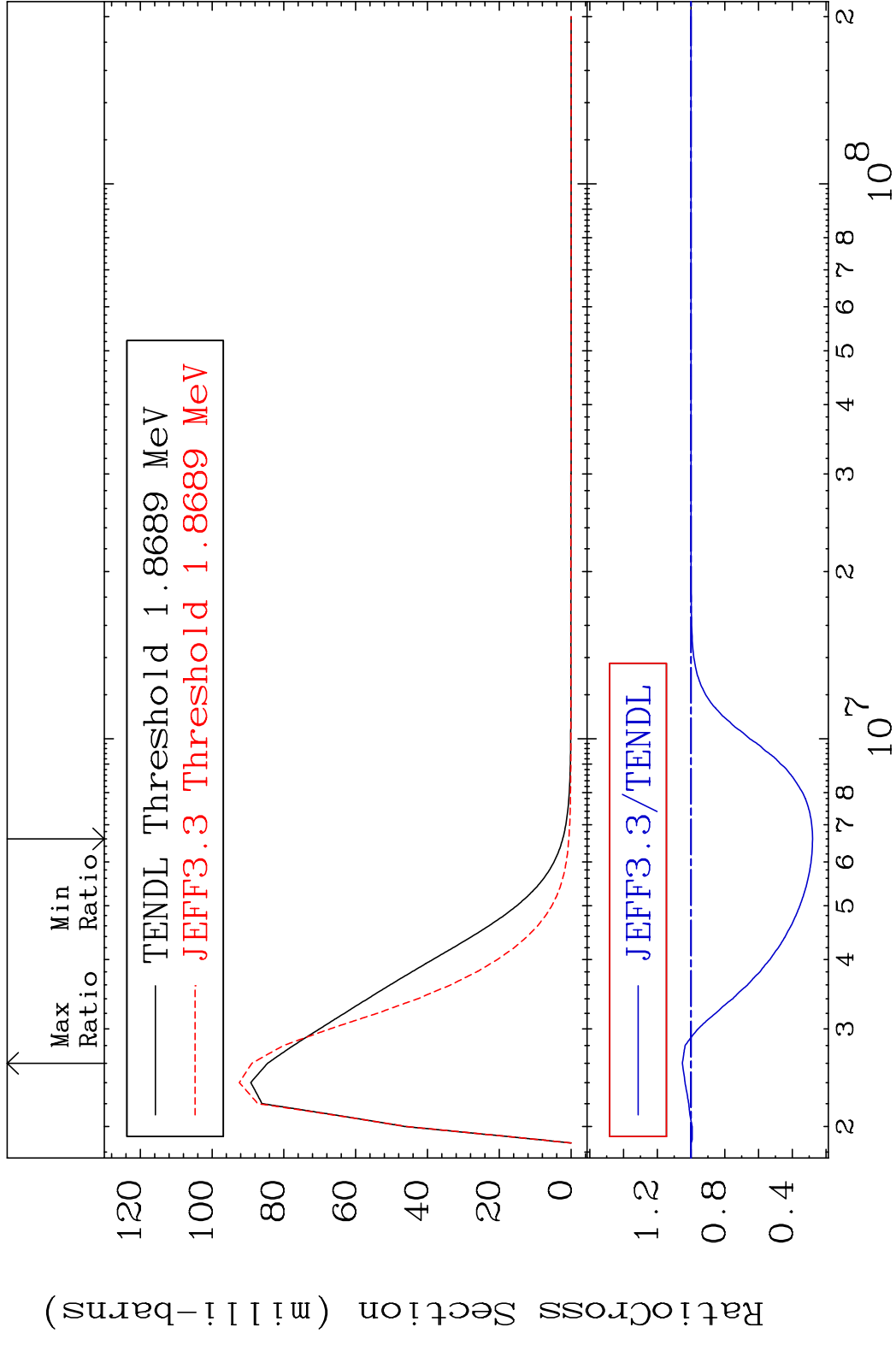
MAT 3646 MT= 58 (n, n') Level 36-Kr-85
 Cross Section -84.90 To 5.911 %



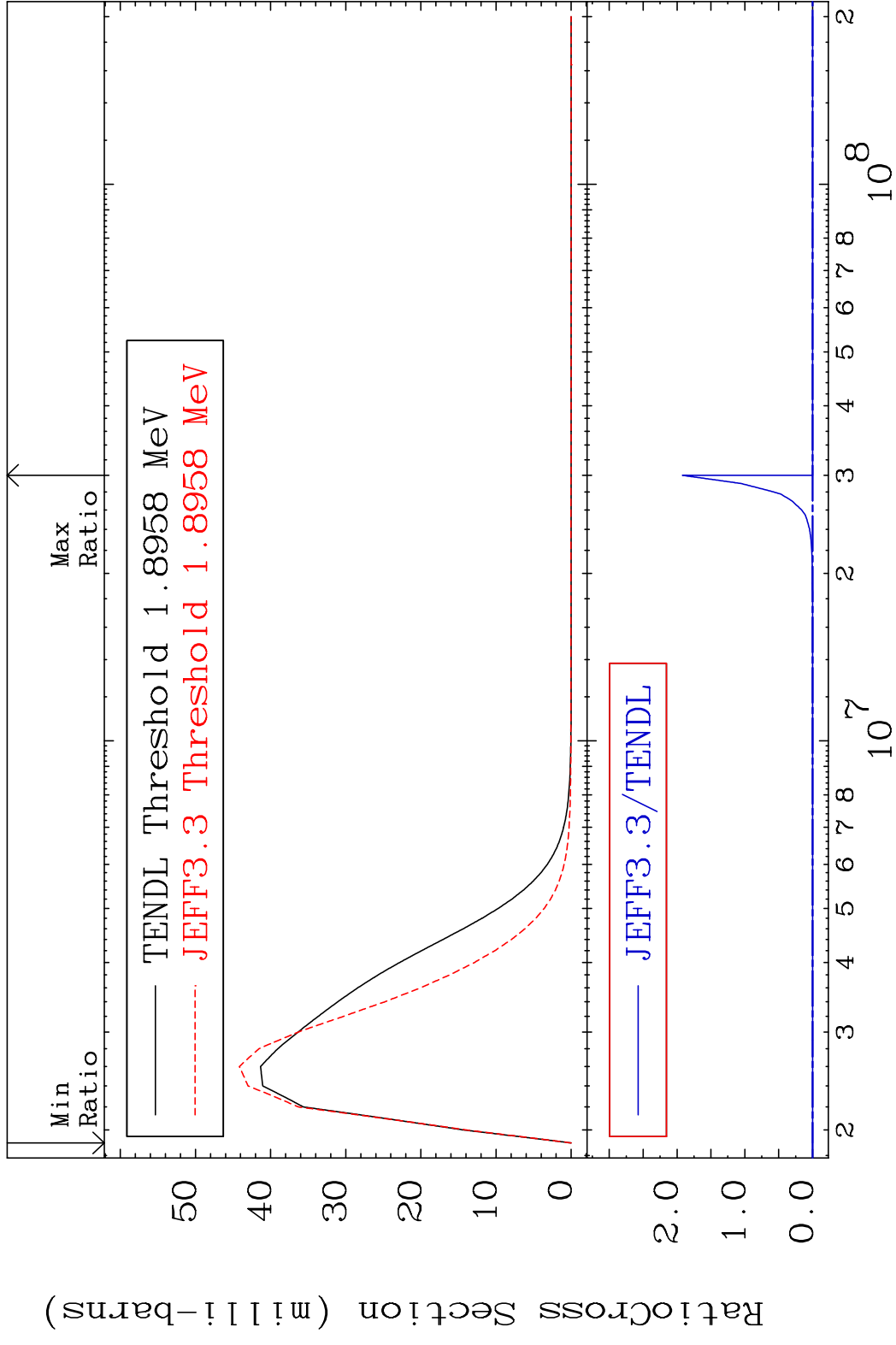
MAT 3646 MT= 59 (n, n') Level 36-Kr-85
 Cross Section -69.77 To 161.2 %



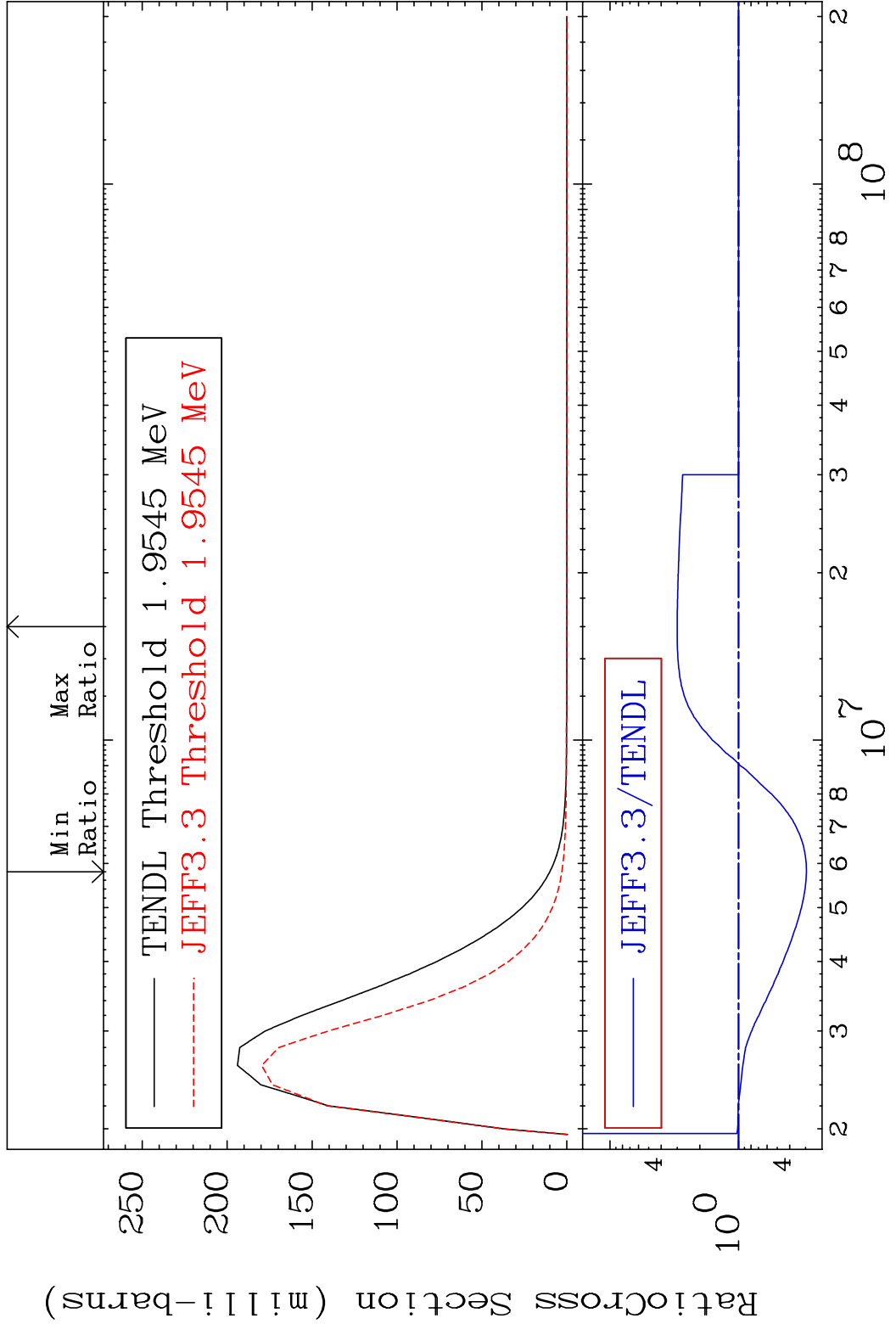
MAT 3646 MT= 60 (n, n') Level 36-Kr-85
 Cross Section -71.94 To 5.162 %



MAT 3646 MT= 61 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 9999. %

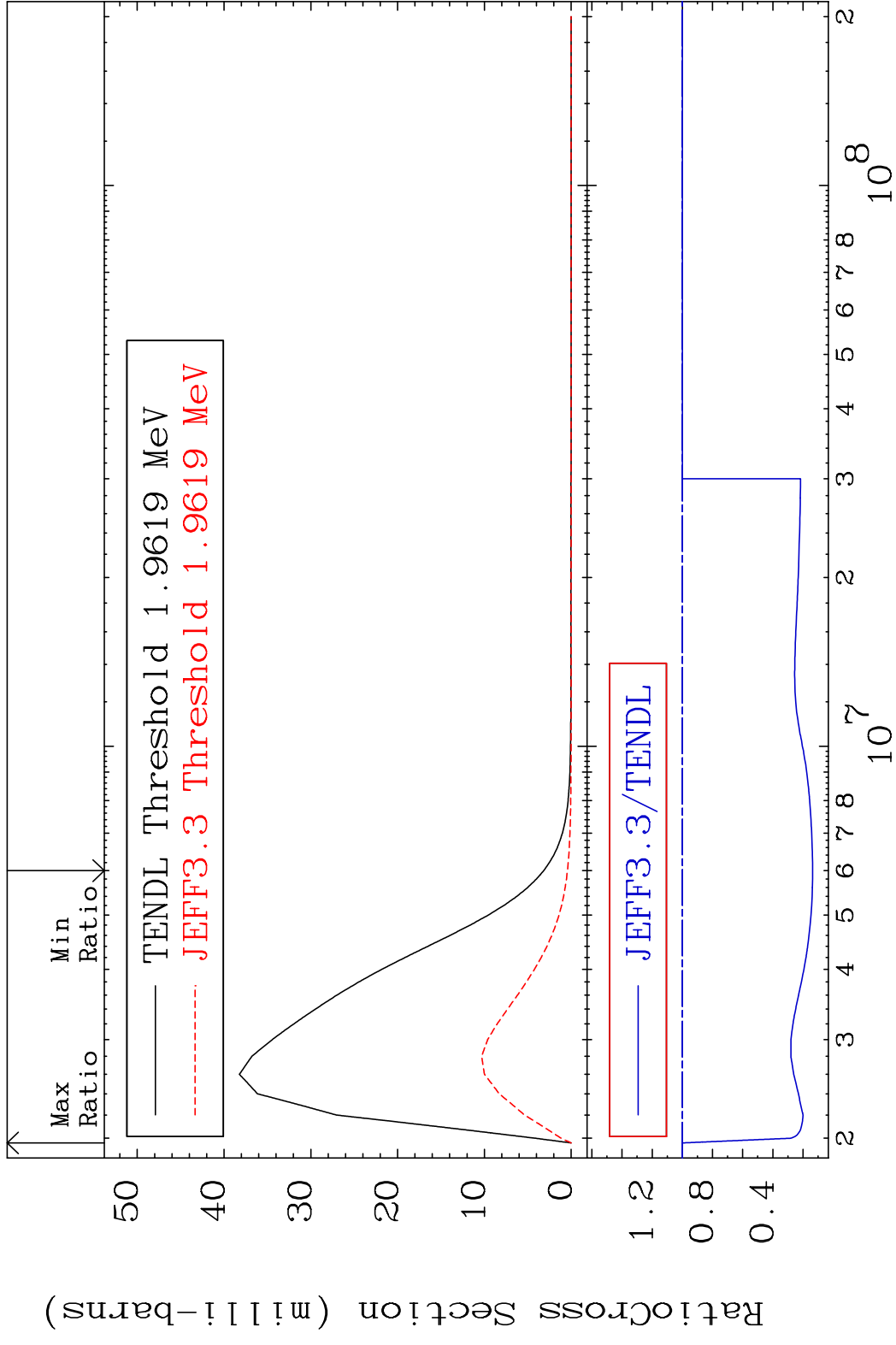


MAT 3646 MT= 62 (n, n') Level 36-Kr-85
 Cross Section -70.40 To 200.2 %

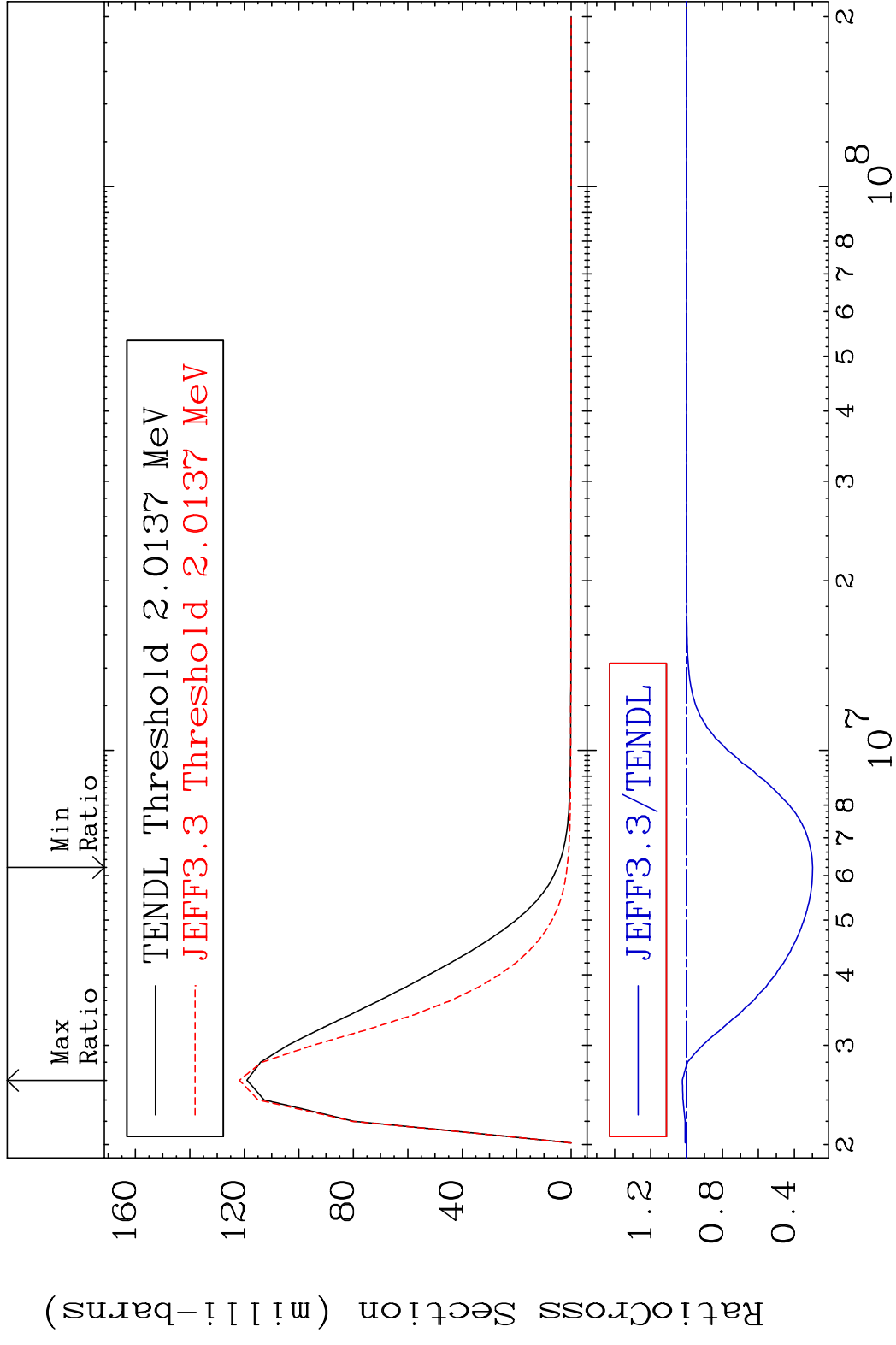


28 Incident Energy (eV) 36-Kr-85

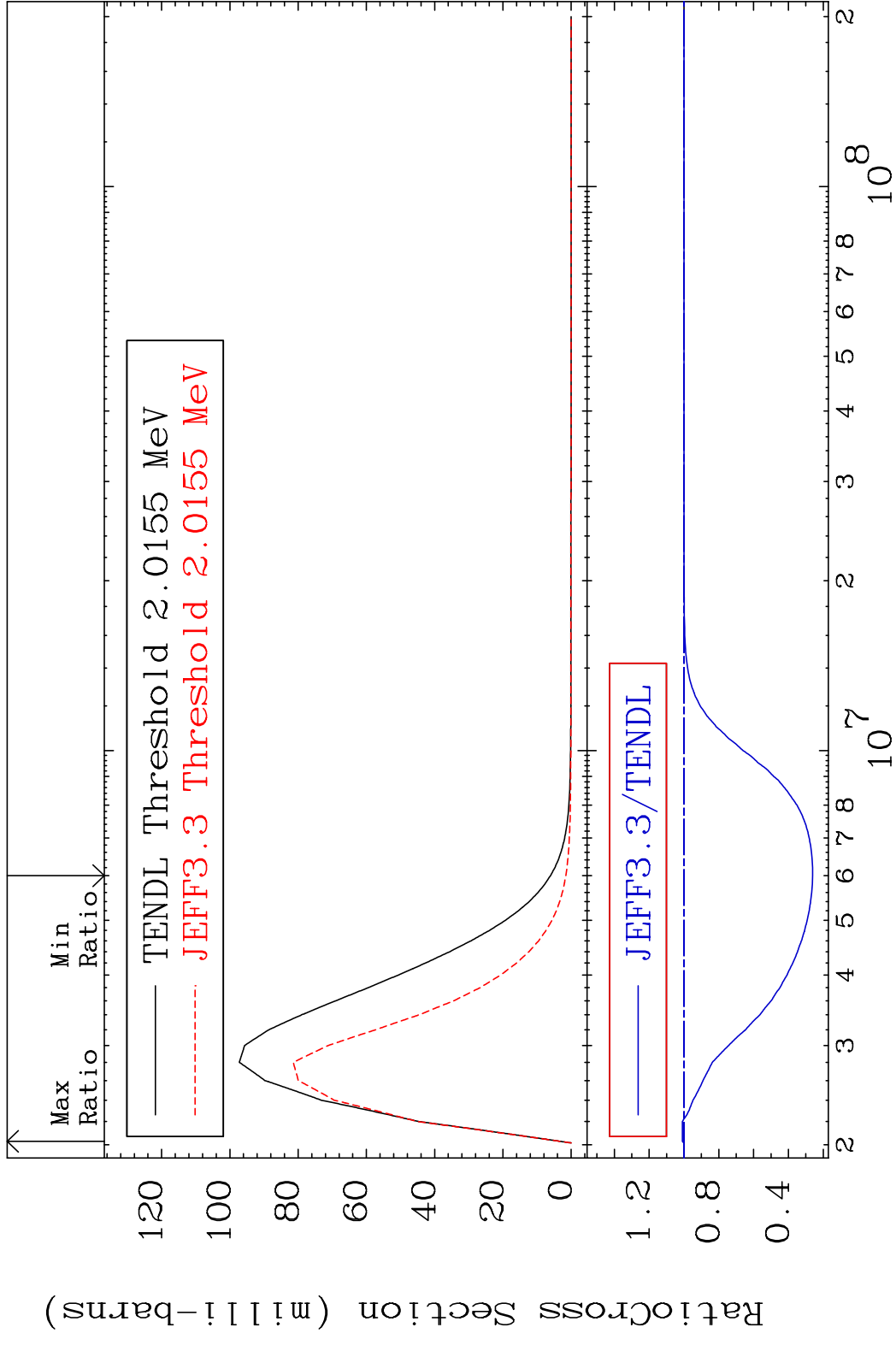
MAT 3646 MT= 63 (n, n') Level 36-Kr-85
 Cross Section -86.35 To 0.000 %



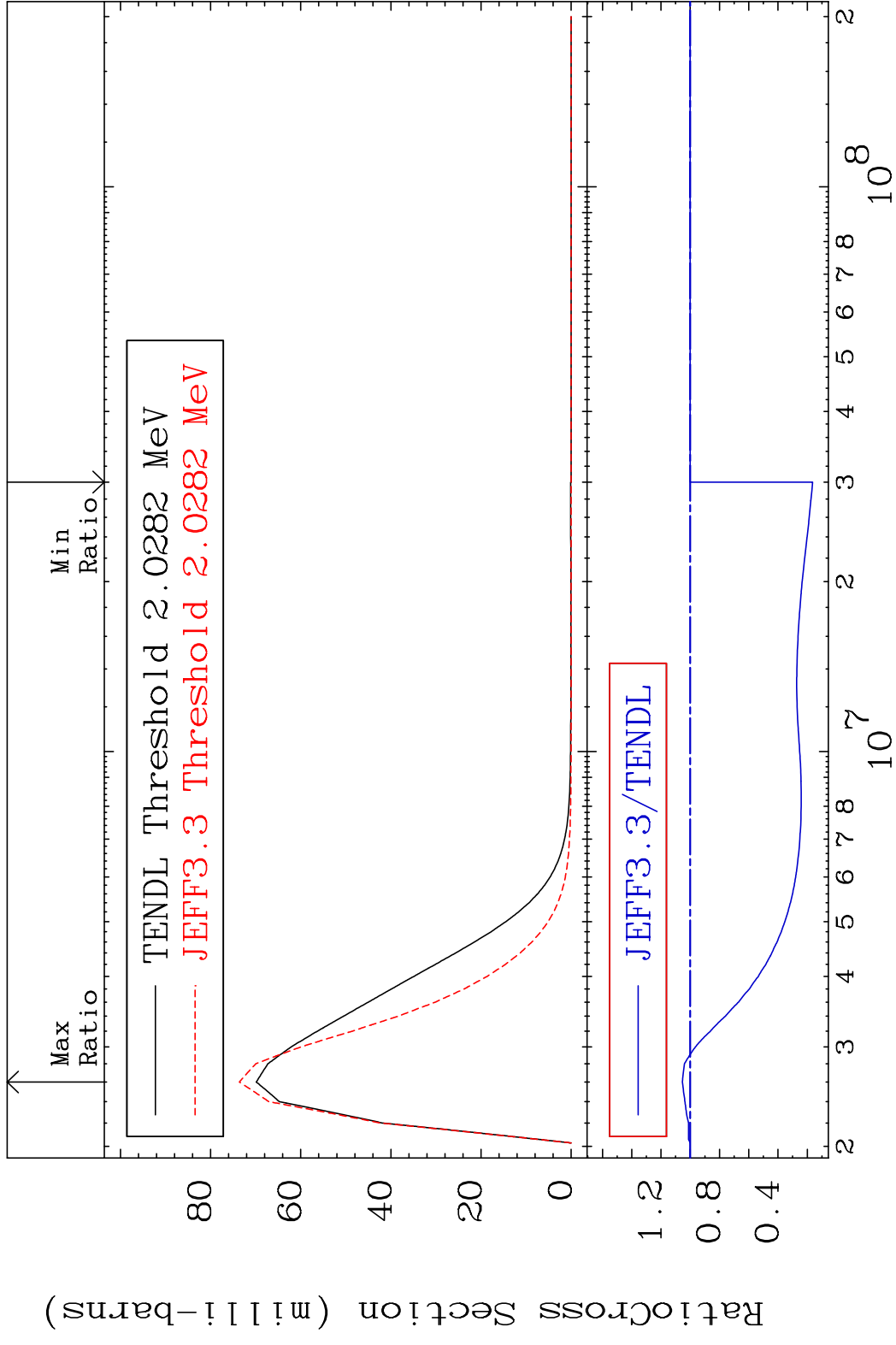
MAT 3646 MT= 64 (n, n') Level 36-Kr-85
 Cross Section -70.12 To 2.331 %



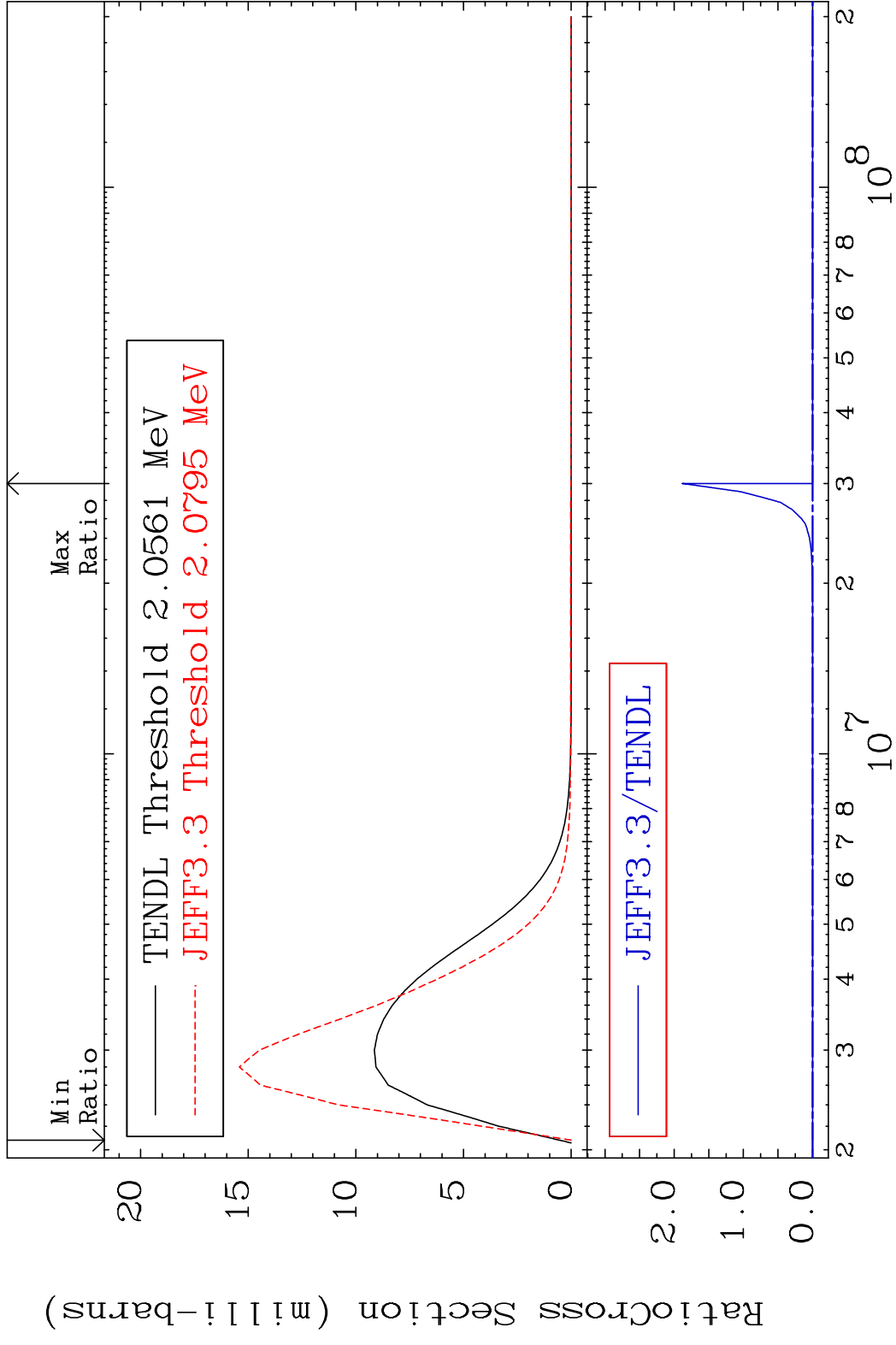
MAT 3646 MT= 65 (n, n') Level 36-Kr-85
 Cross Section -73.85 To 0.942 %



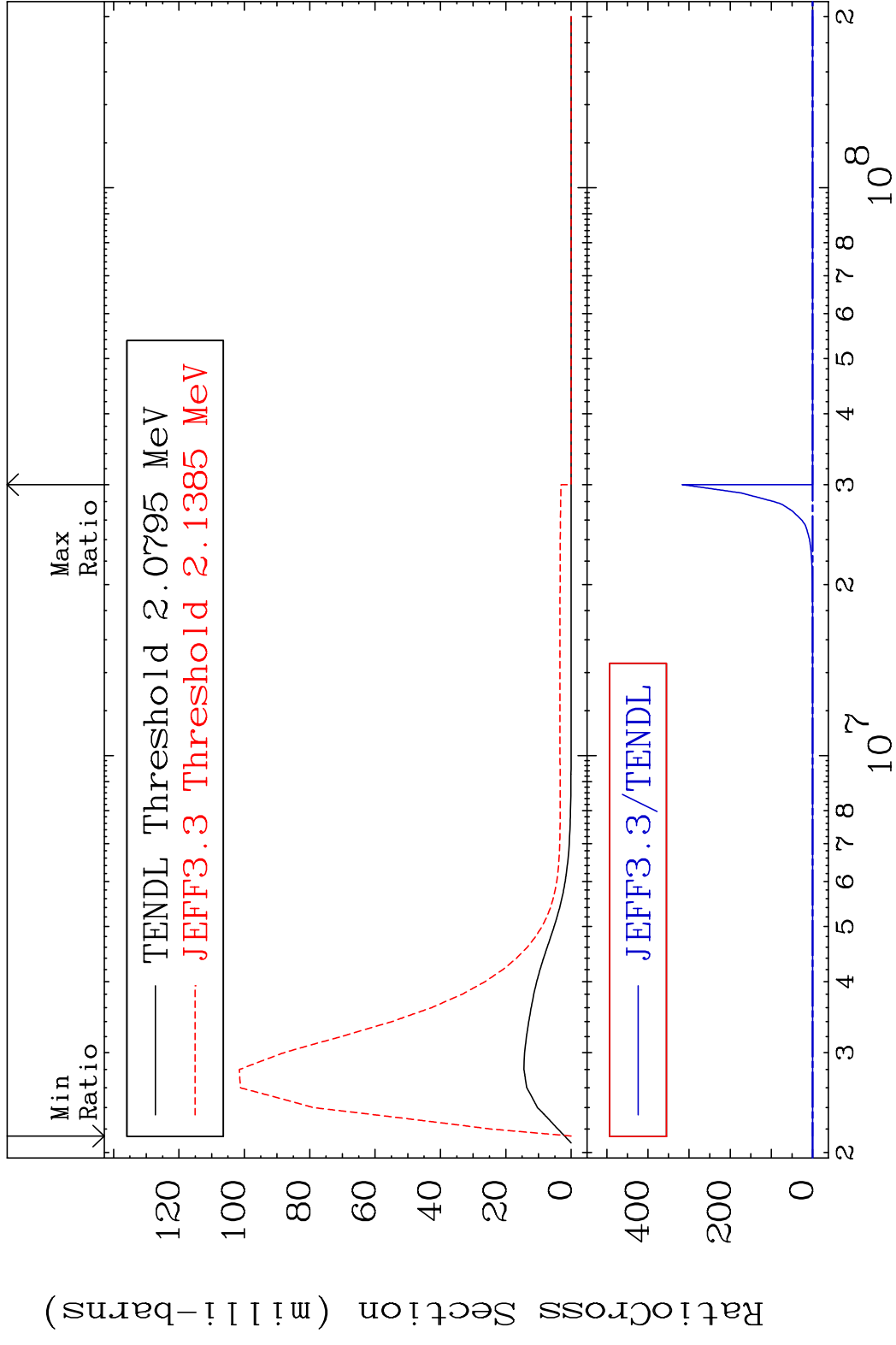
MAT 3646 MT= 66 (n, n') Level 36-Kr-85
 Cross Section -83.63 To 5.394 %



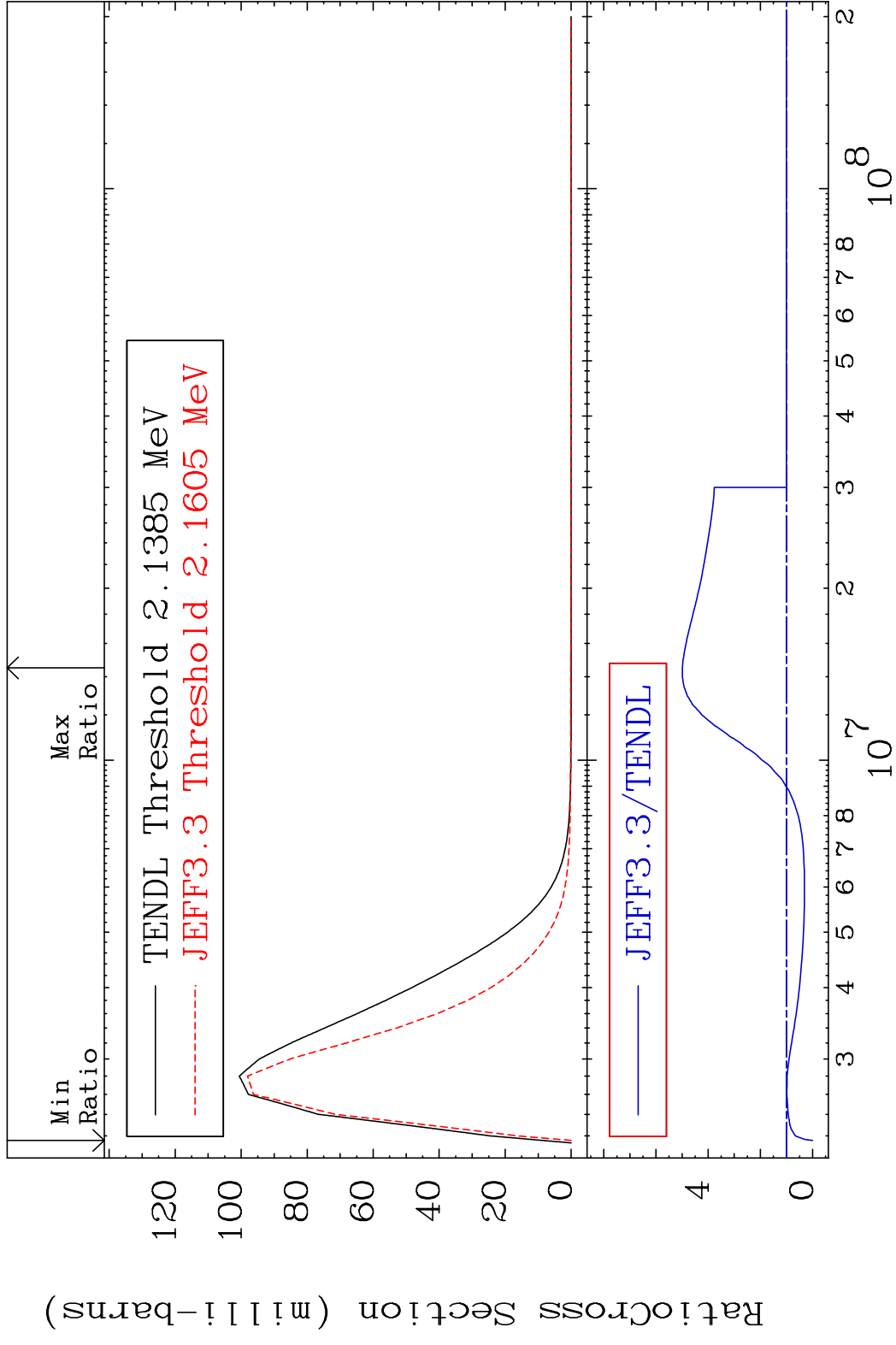
MAT 3646 MT= 67 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 9999. %



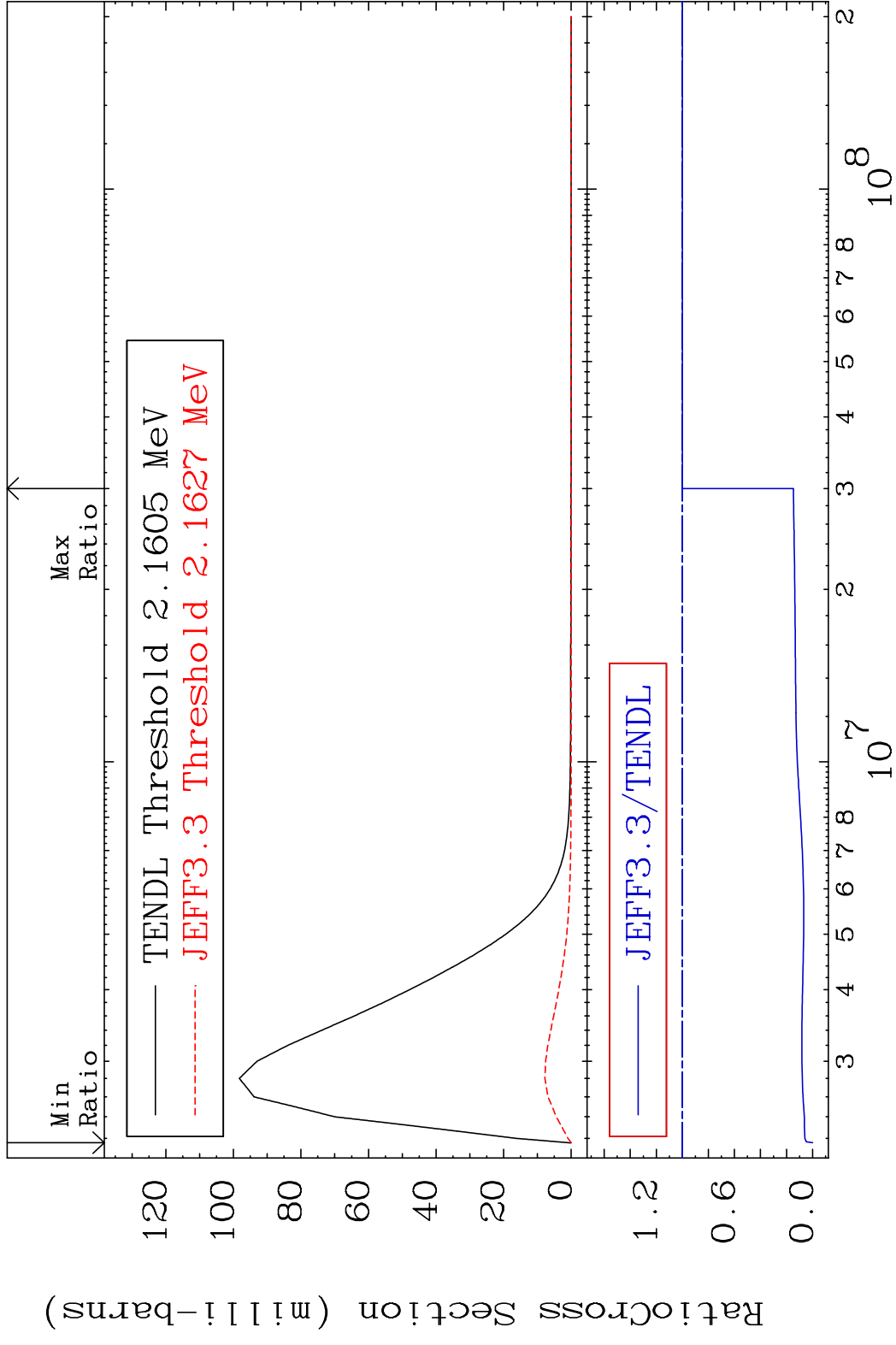
MAT 3646 MT= 68 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 9999. %



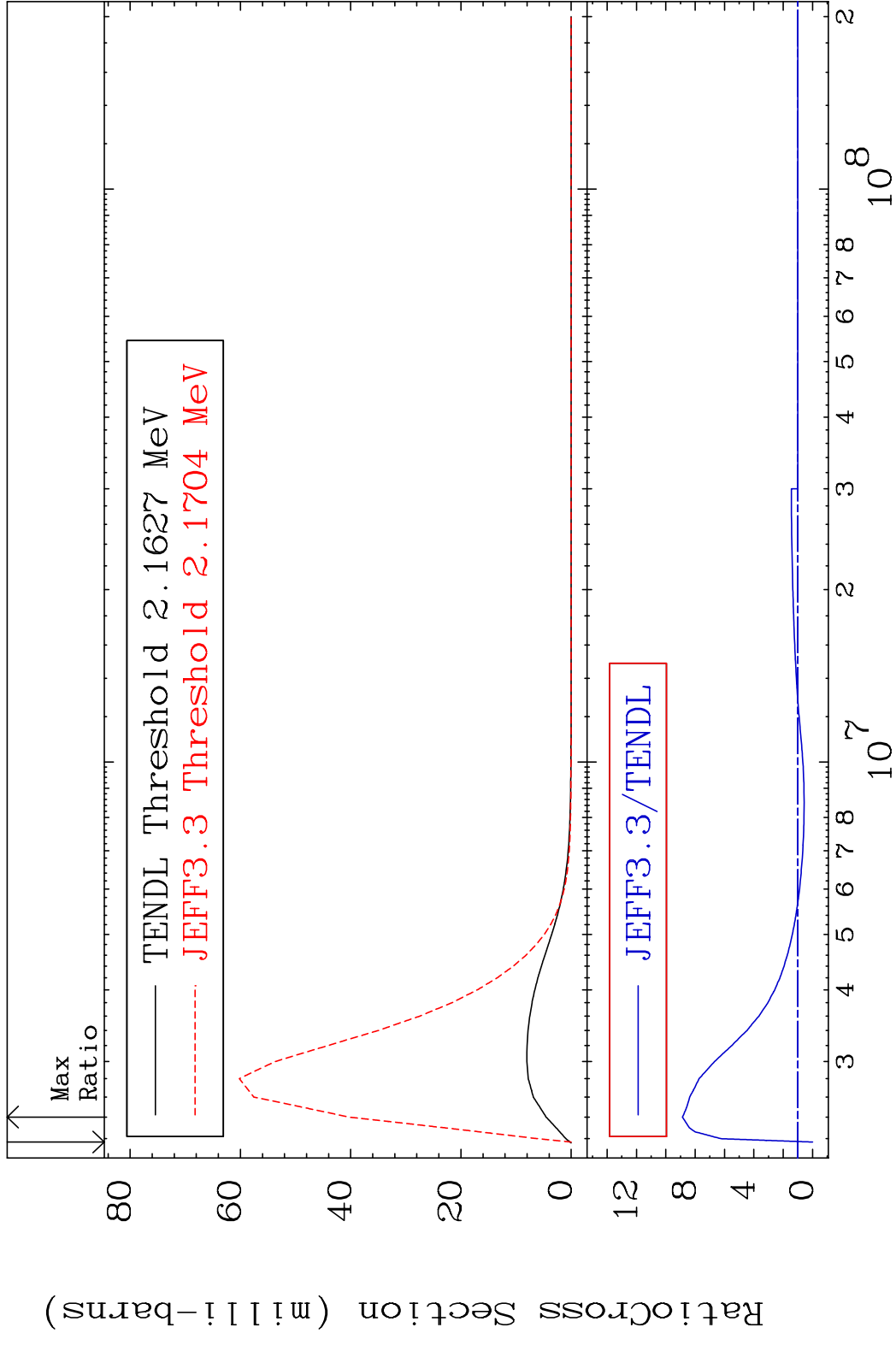
MAT 3646 MT= 69 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 398.9 %



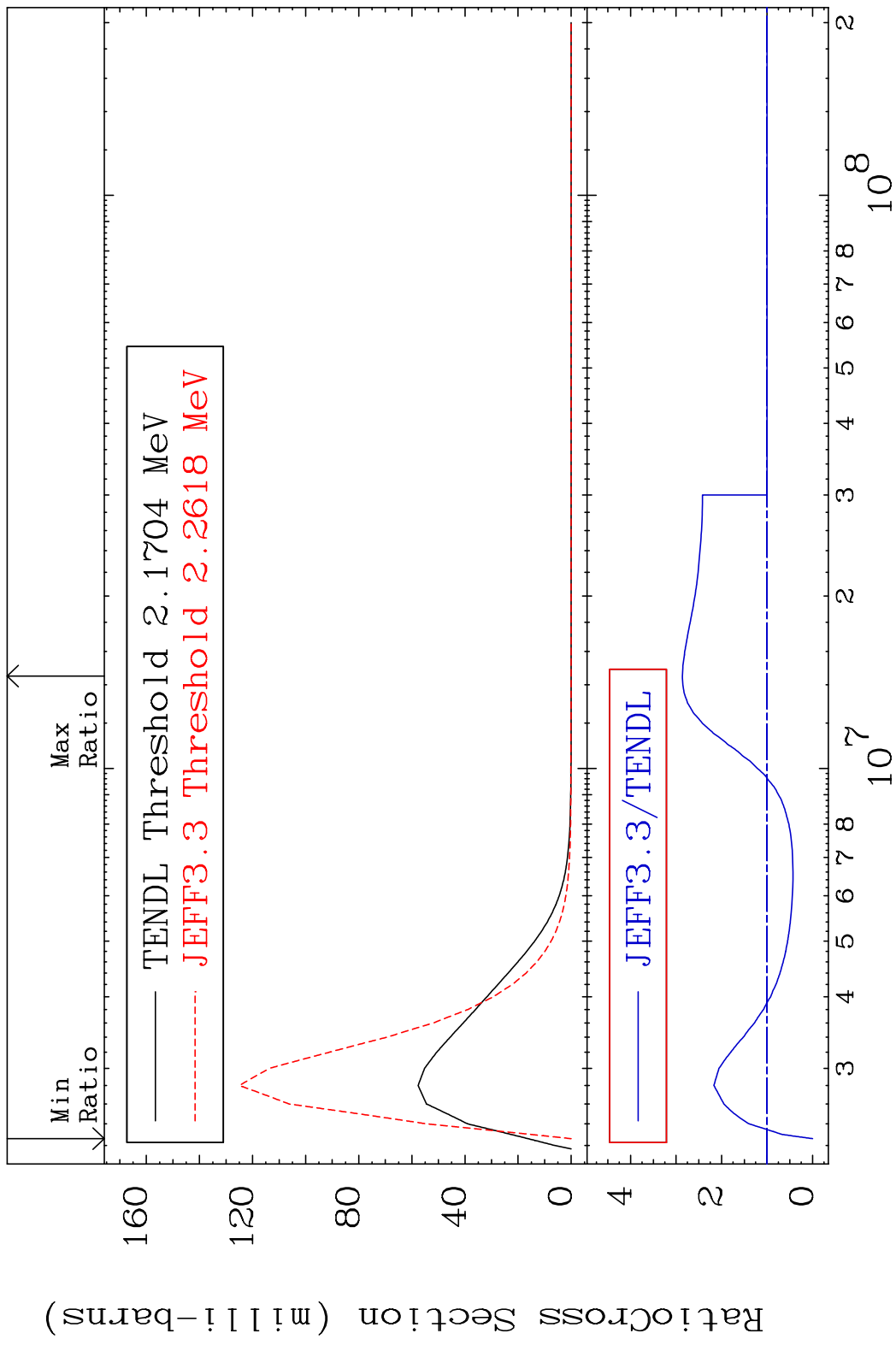
MAT 3646 MT= 70 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 0.000 %



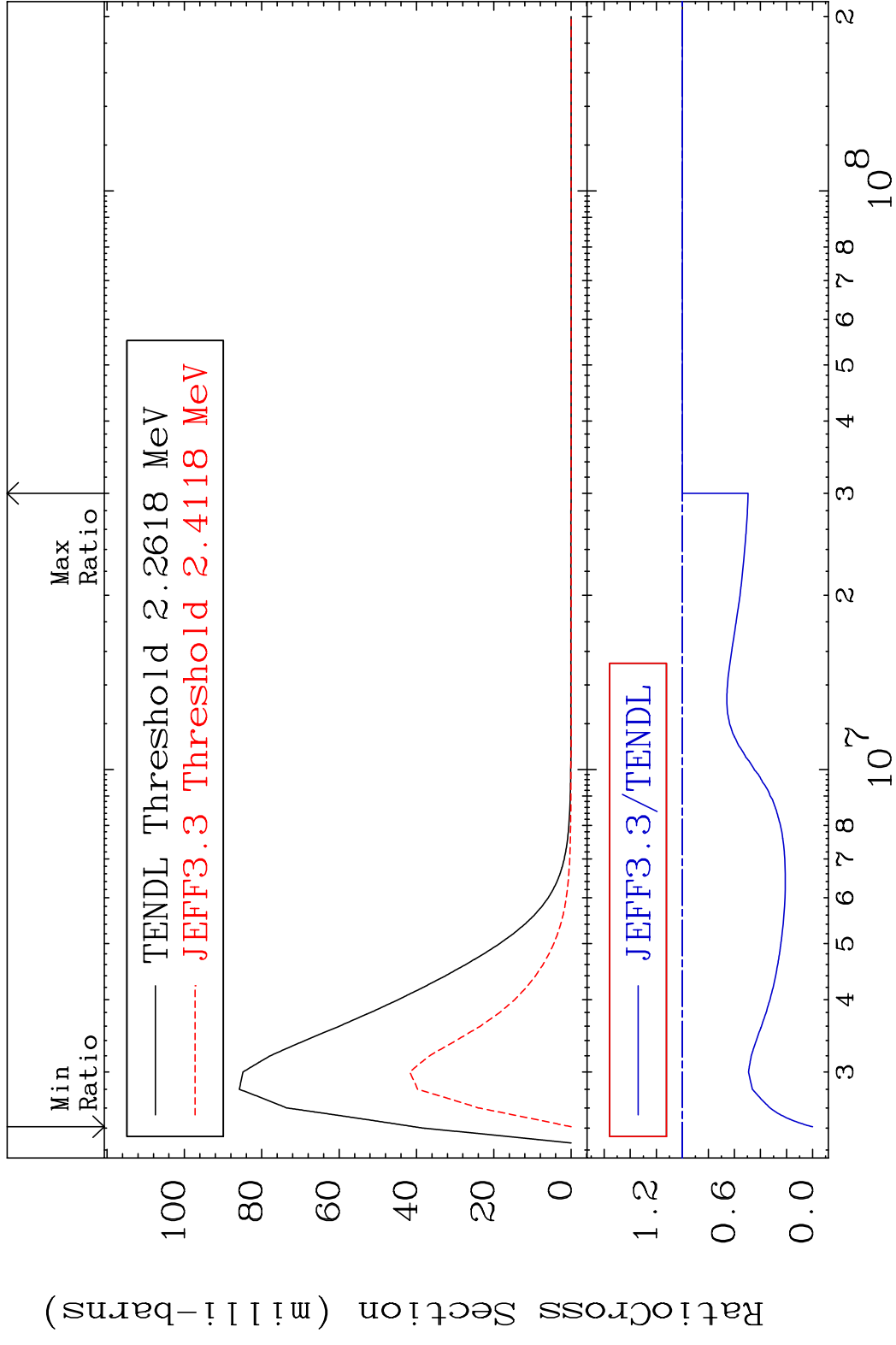
MAT 3646 MT= 71 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 787.4 %



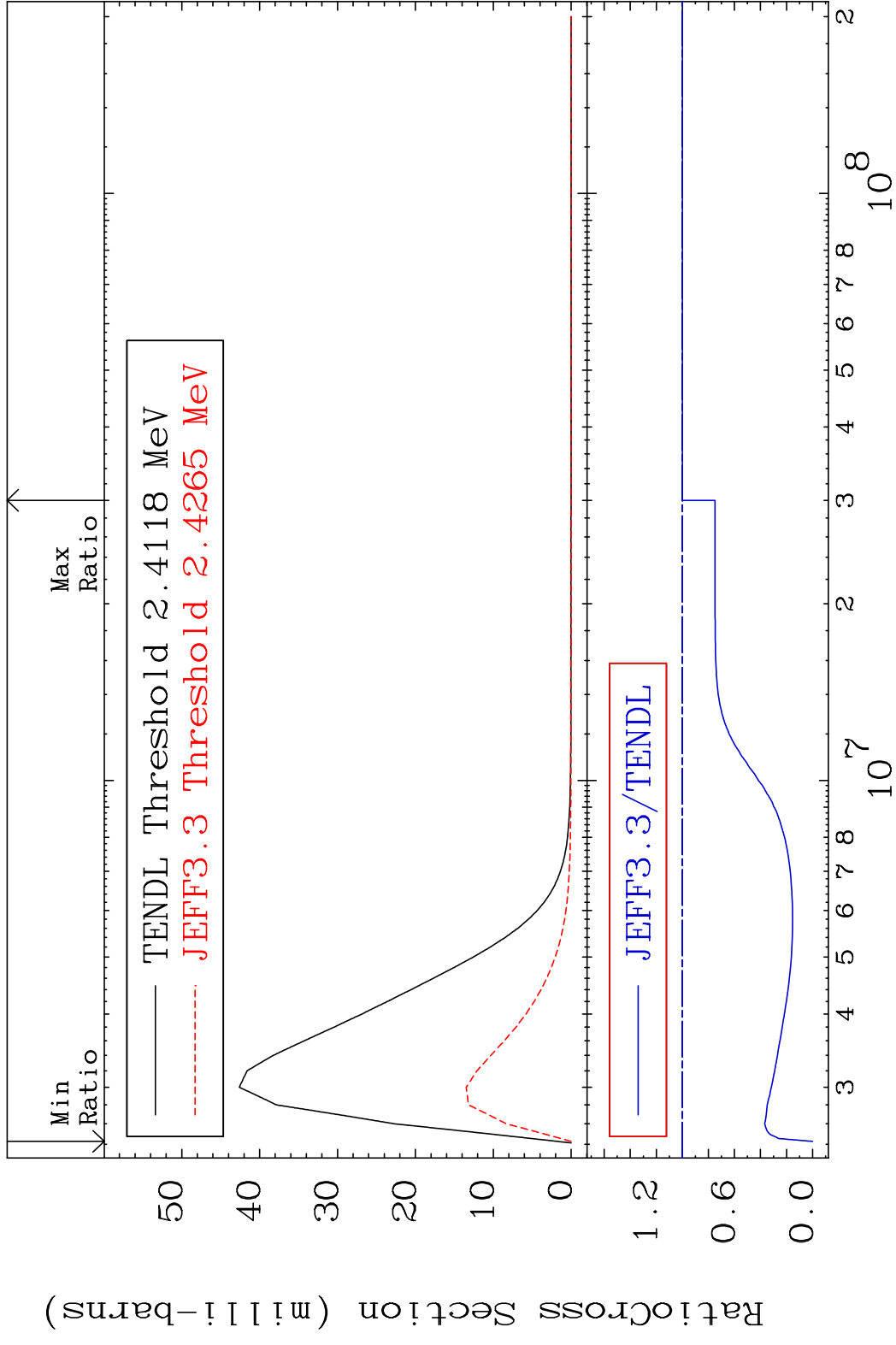
MAT 3646 MT= 72 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 186.2 %



MAT 3646 MT= 73 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 0.000 %

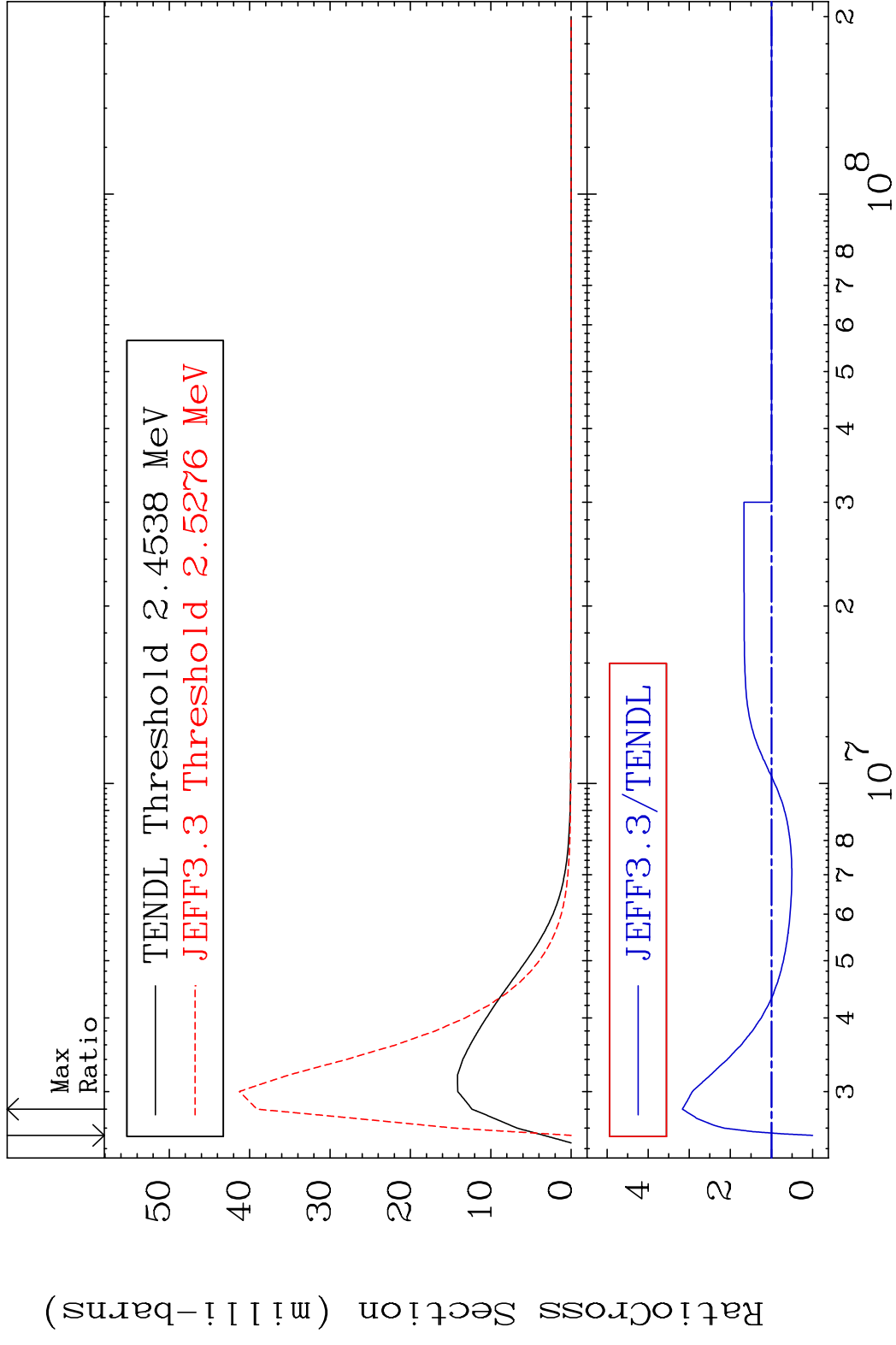


MAT 3646 MT= 74 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 0.000 %

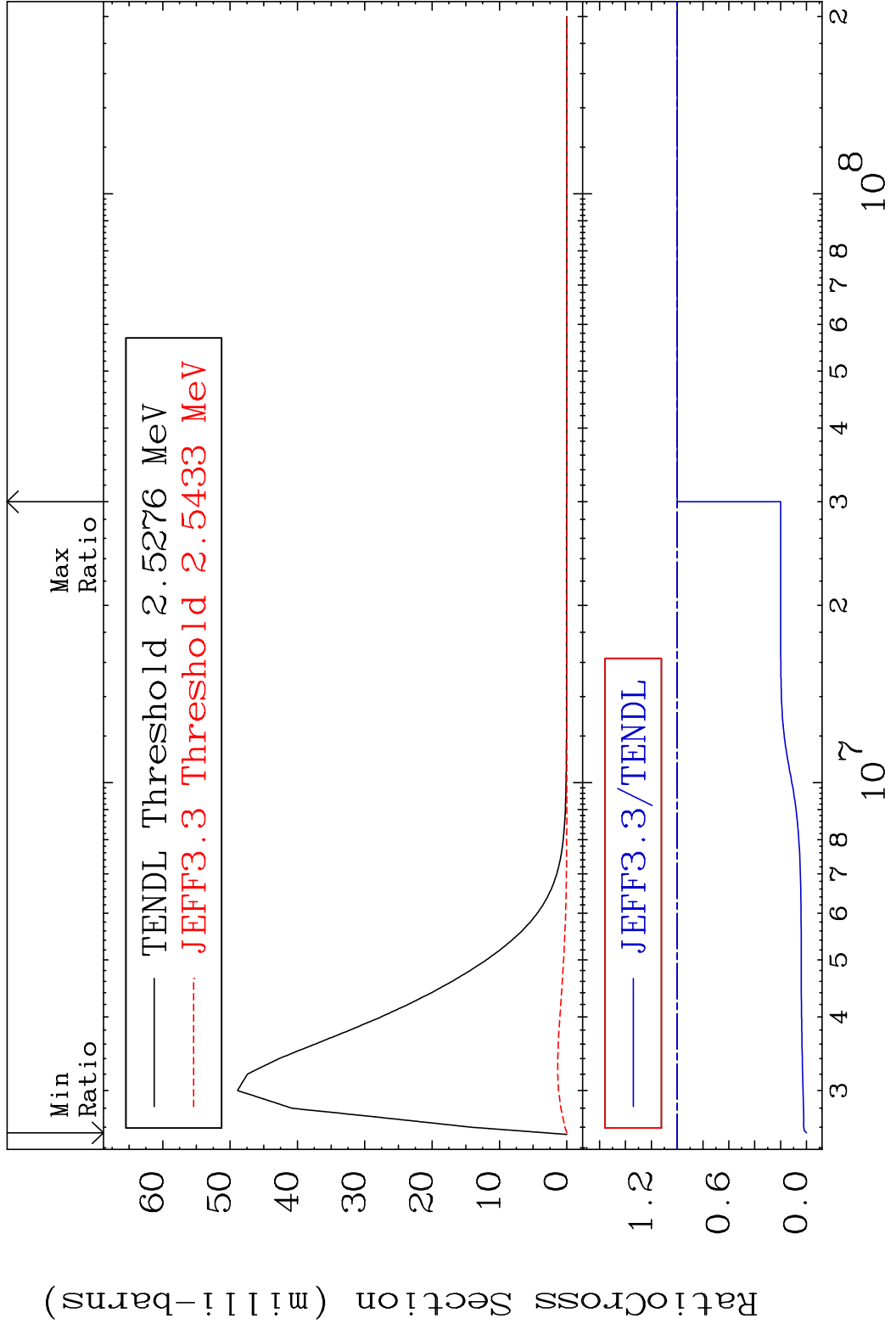


40 Incident Energy (eV) 36-Kr-85

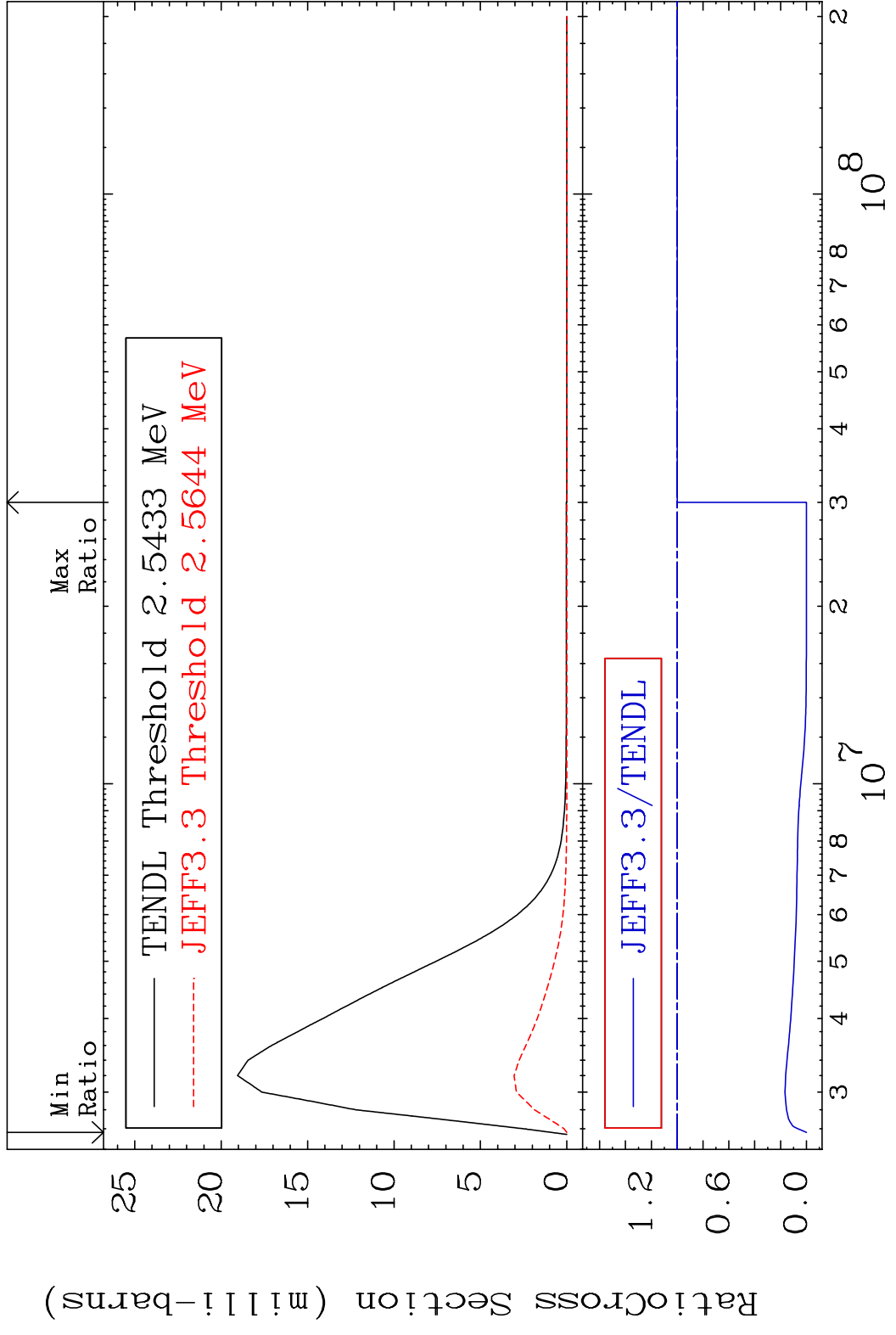
MAT 3646 MT= 75 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 216.9 %



MAT 3646 MT= 76 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 0.000 %

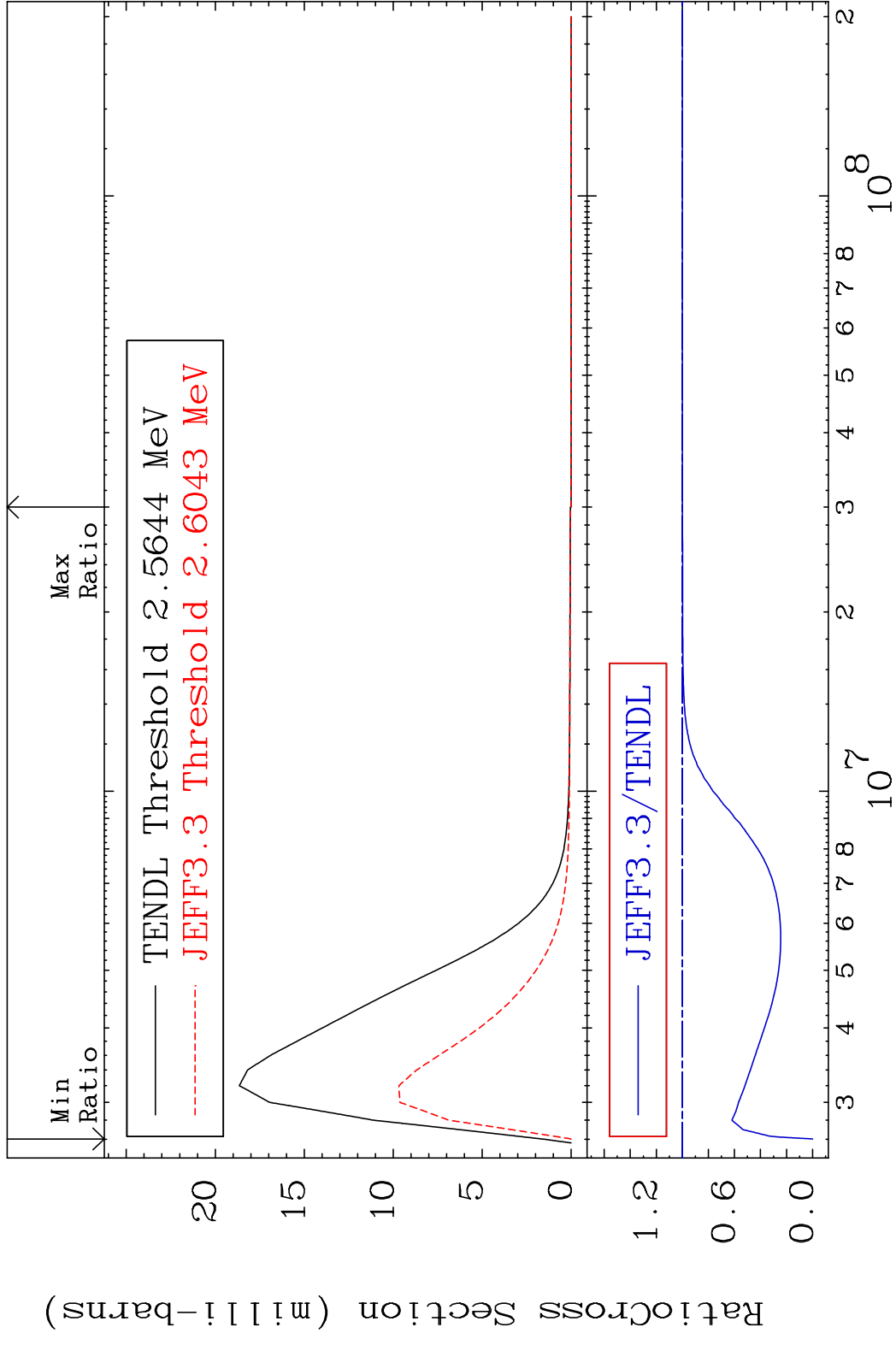


MAT 3646 MT= 77 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 0.000 %

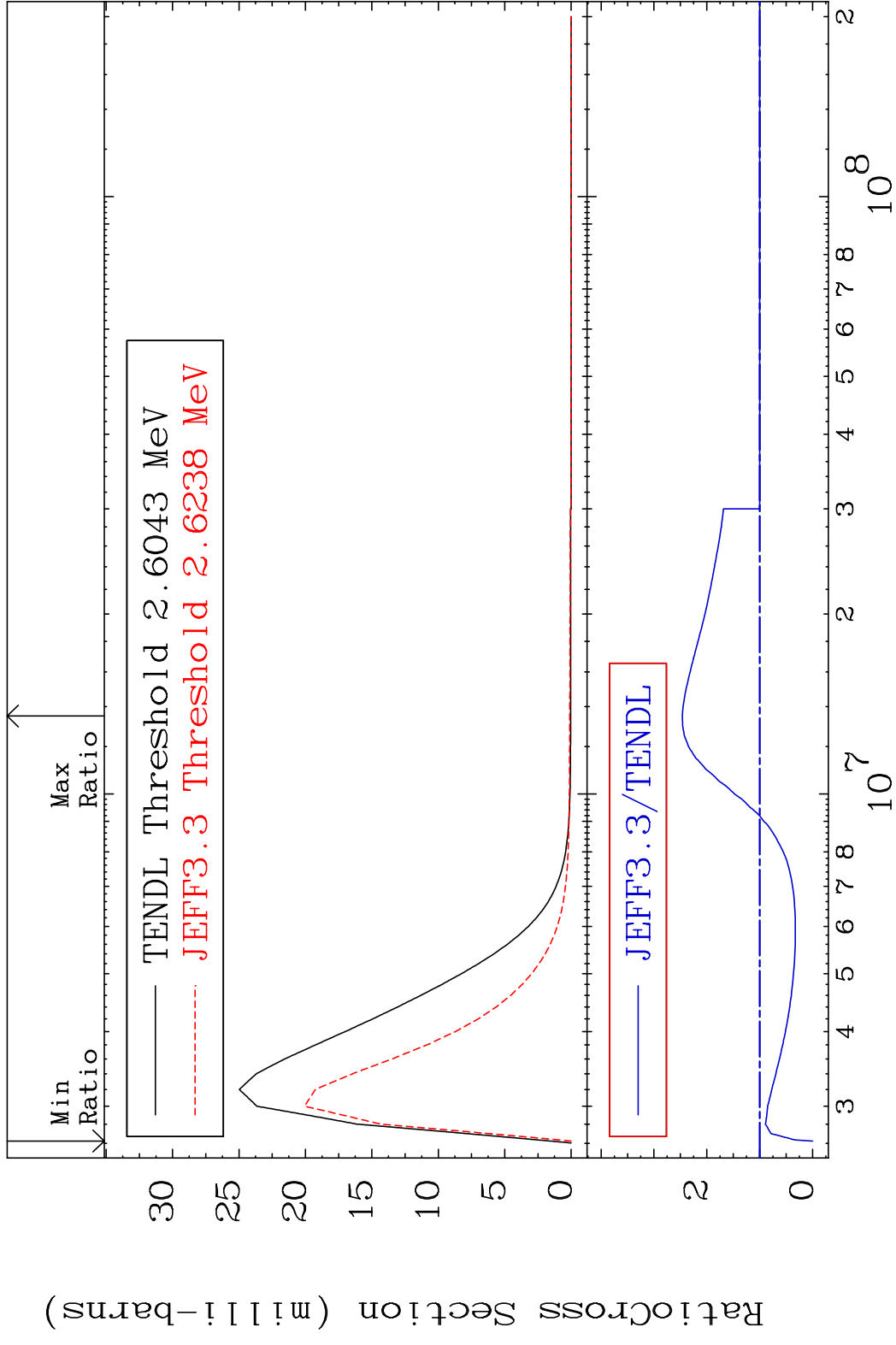


43 Incident Energy (eV) 36-Kr-85

MAT 3646 MT= 78 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 0.000 %



MAT 3646 MT= 79 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 146.3 %



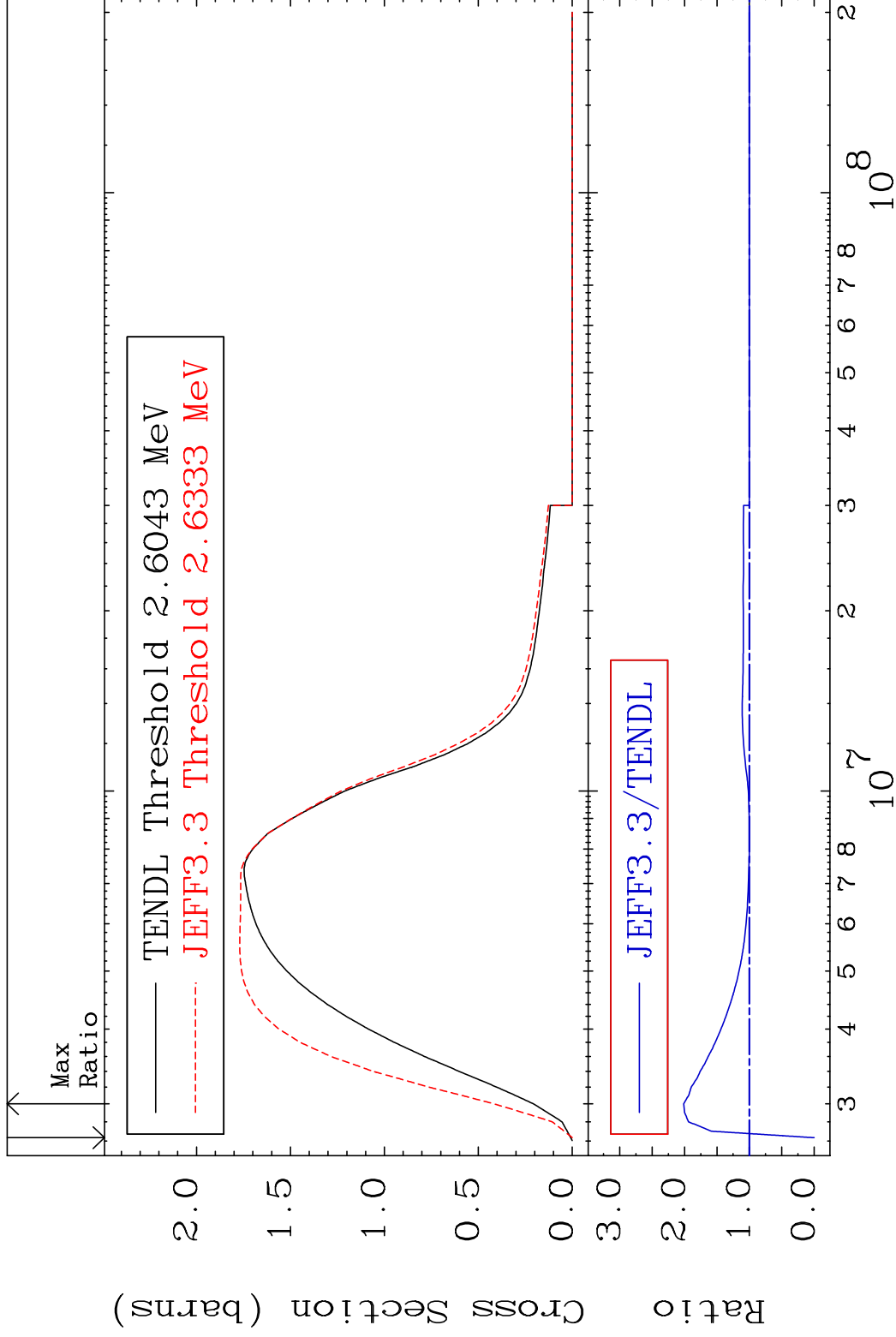
45 36-Kr-85

MAT 3646

(n,n') Continuum

36-Kr-85

Cross Section -100.0 To 101.4 %



46

Incident Energy (eV)

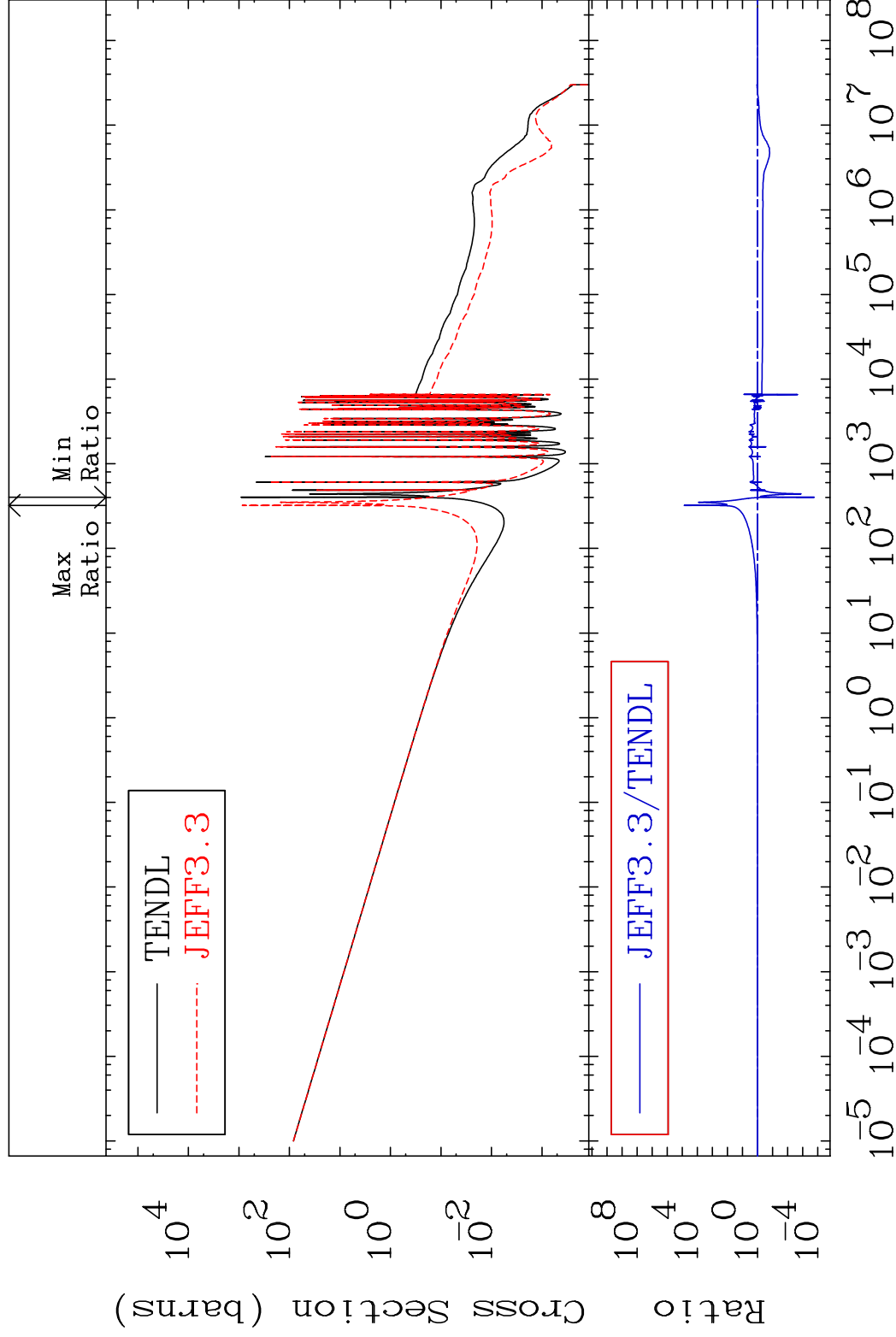
36-Kr-85

MAT 3646

(n, γ)

36-Kr-85

Cross Section -99.98 To 9999. %



47

Incident Energy (eV)

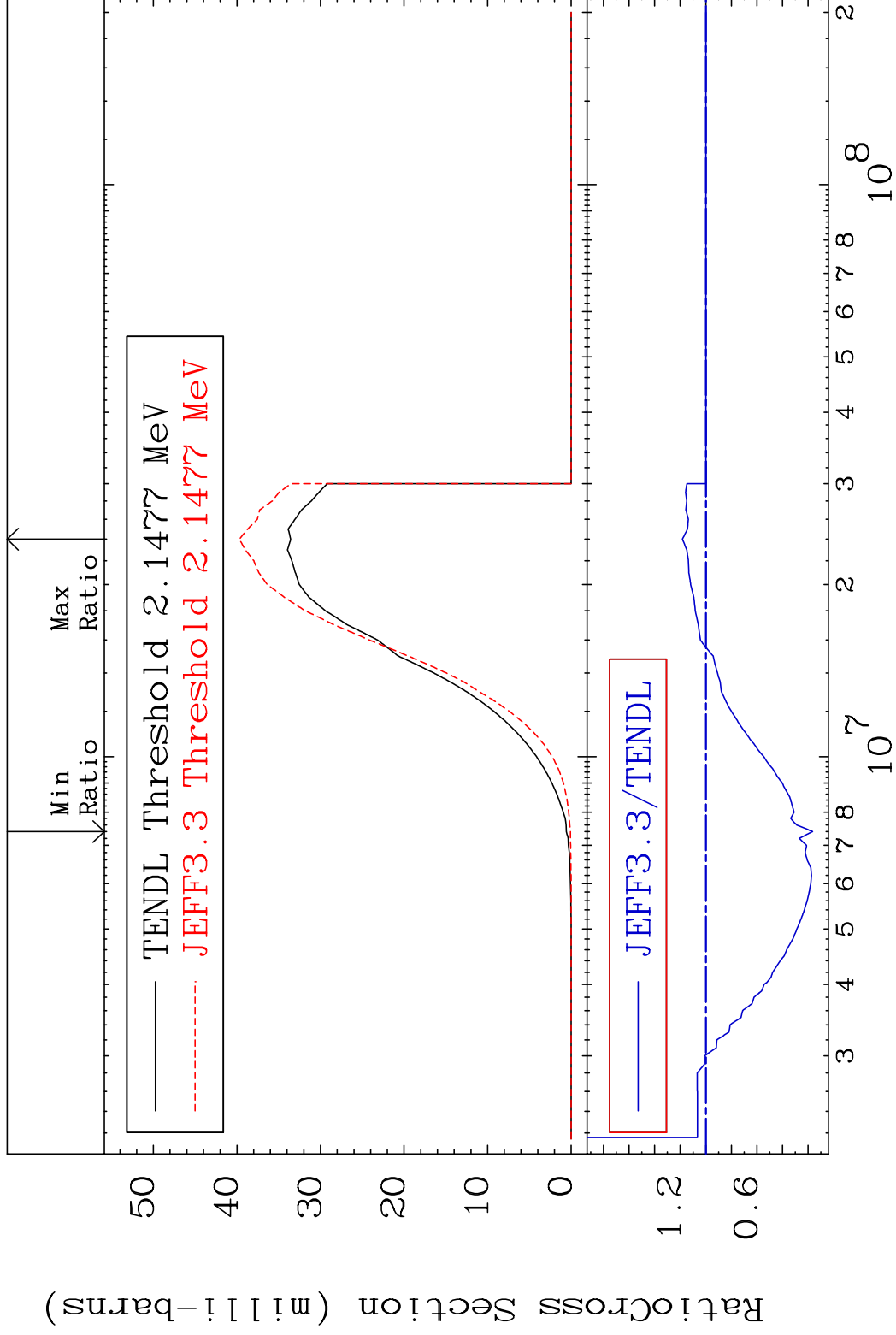
36-Kr-85

MAT 3646

(n, p)

36-Kr-85

Cross Section -83.50 To 18.33 %



48

Incident Energy (eV)

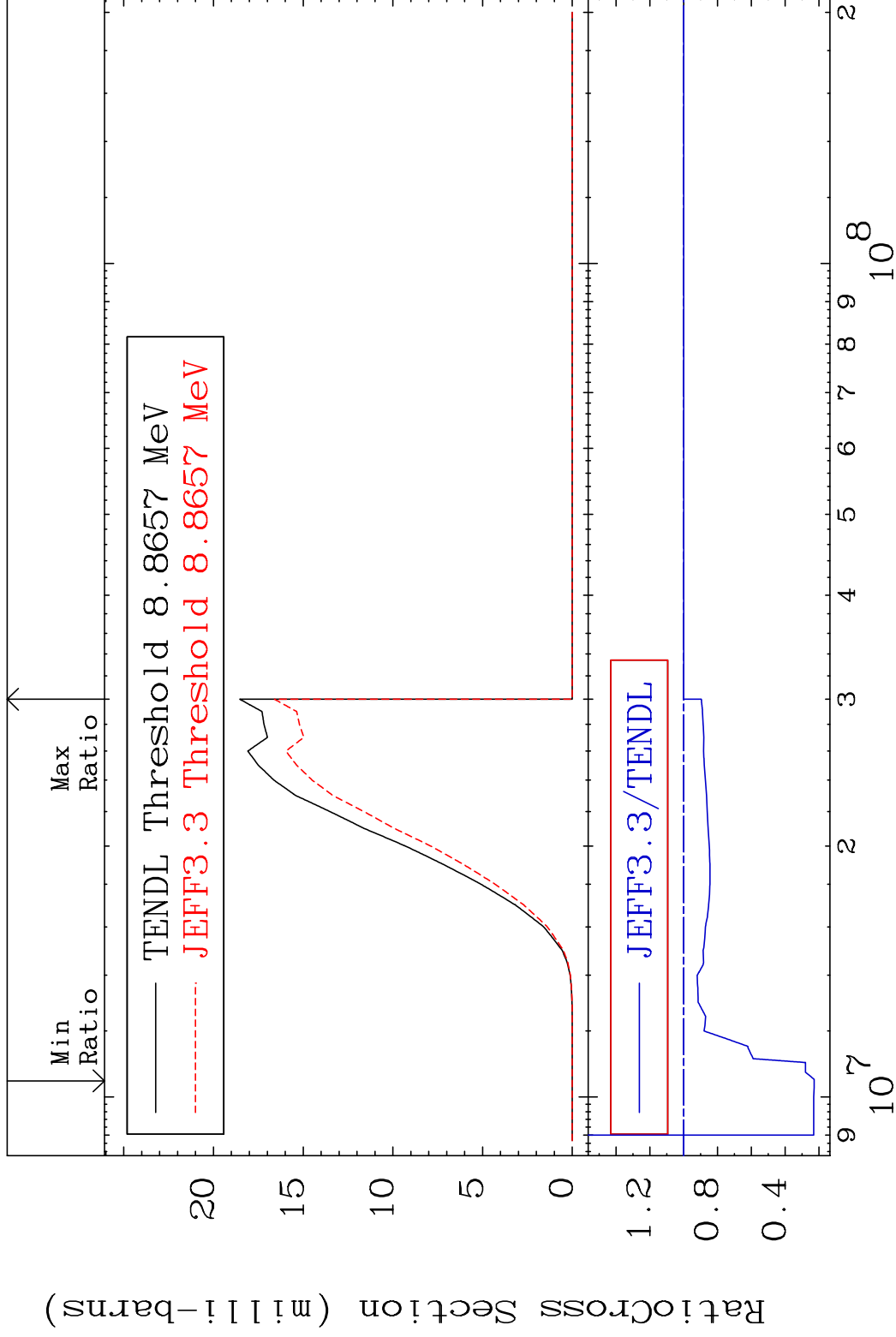
36-Kr-85

MAT 3646

(n, d)

36-Kr-85

Cross Section -77.11 To 0.000 %



49

Incident Energy (eV)

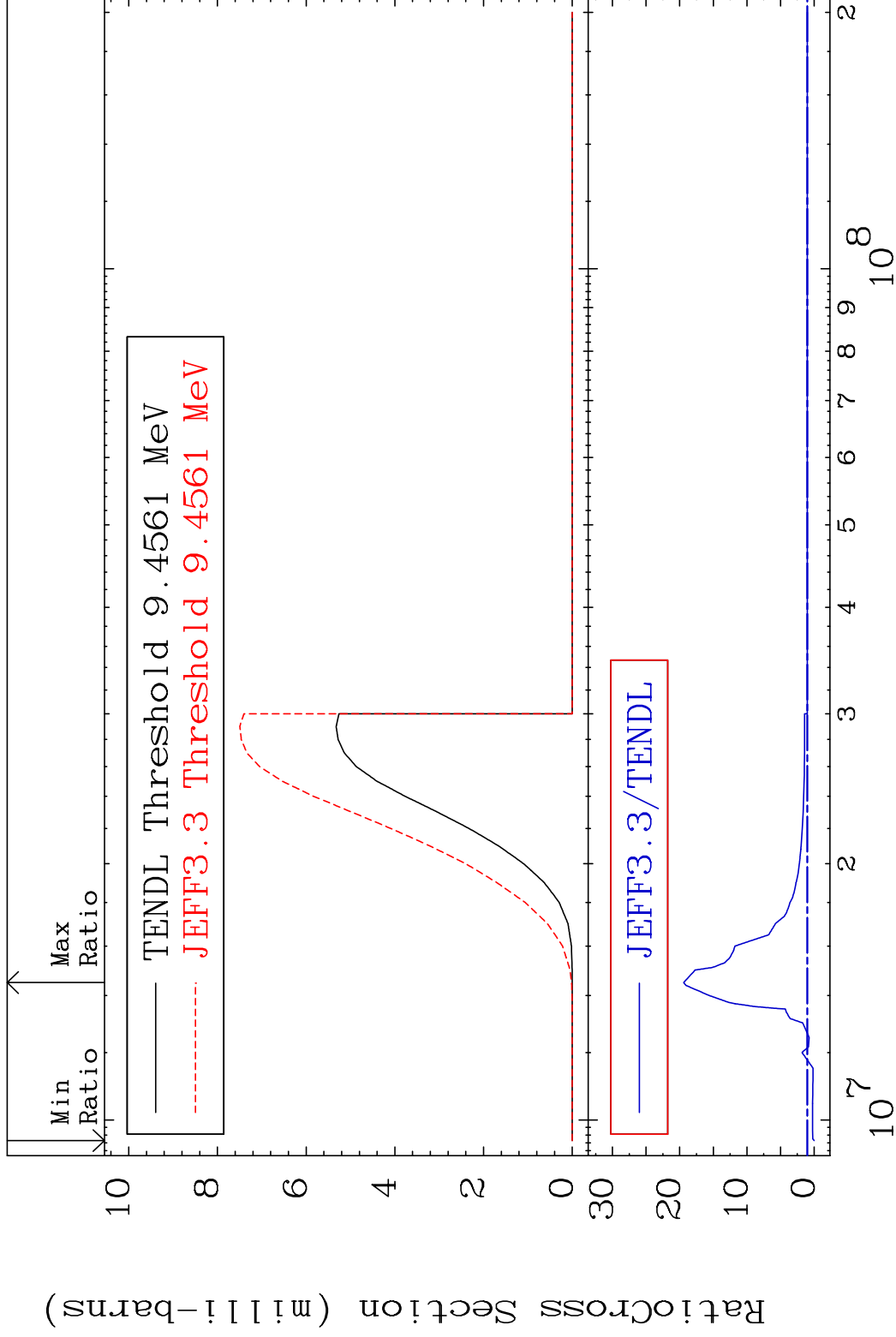
36-Kr-85

MAT 3646

(n, t)

36-Kr-85

Cross Section -100.0 To 1841. %



50

Incident Energy (eV)

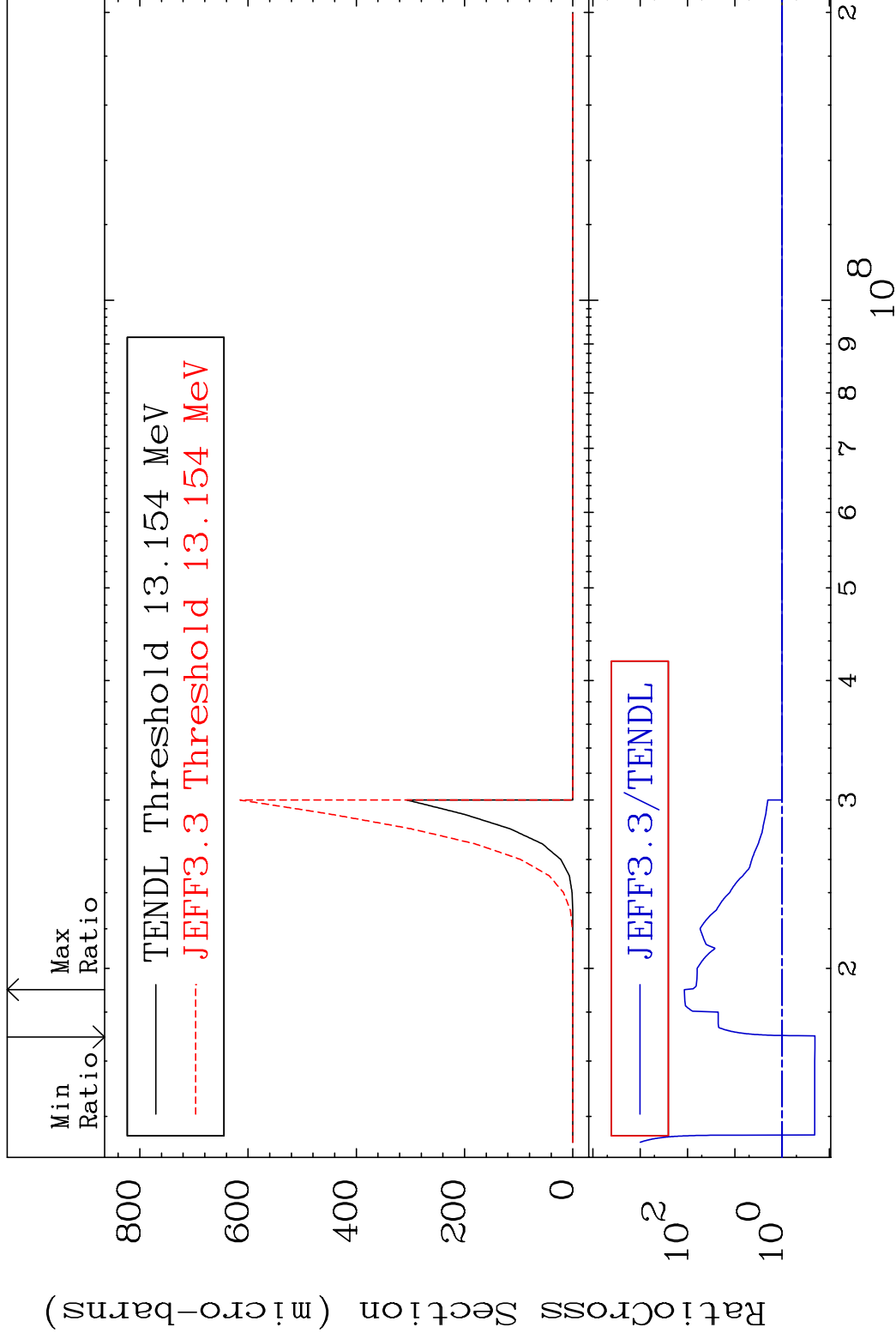
36-Kr-85

MAT 3646

(n, He-3)

36-Kr-85

Cross Section -79.72 To 9999. %



51

Incident Energy (eV)

36-Kr-85

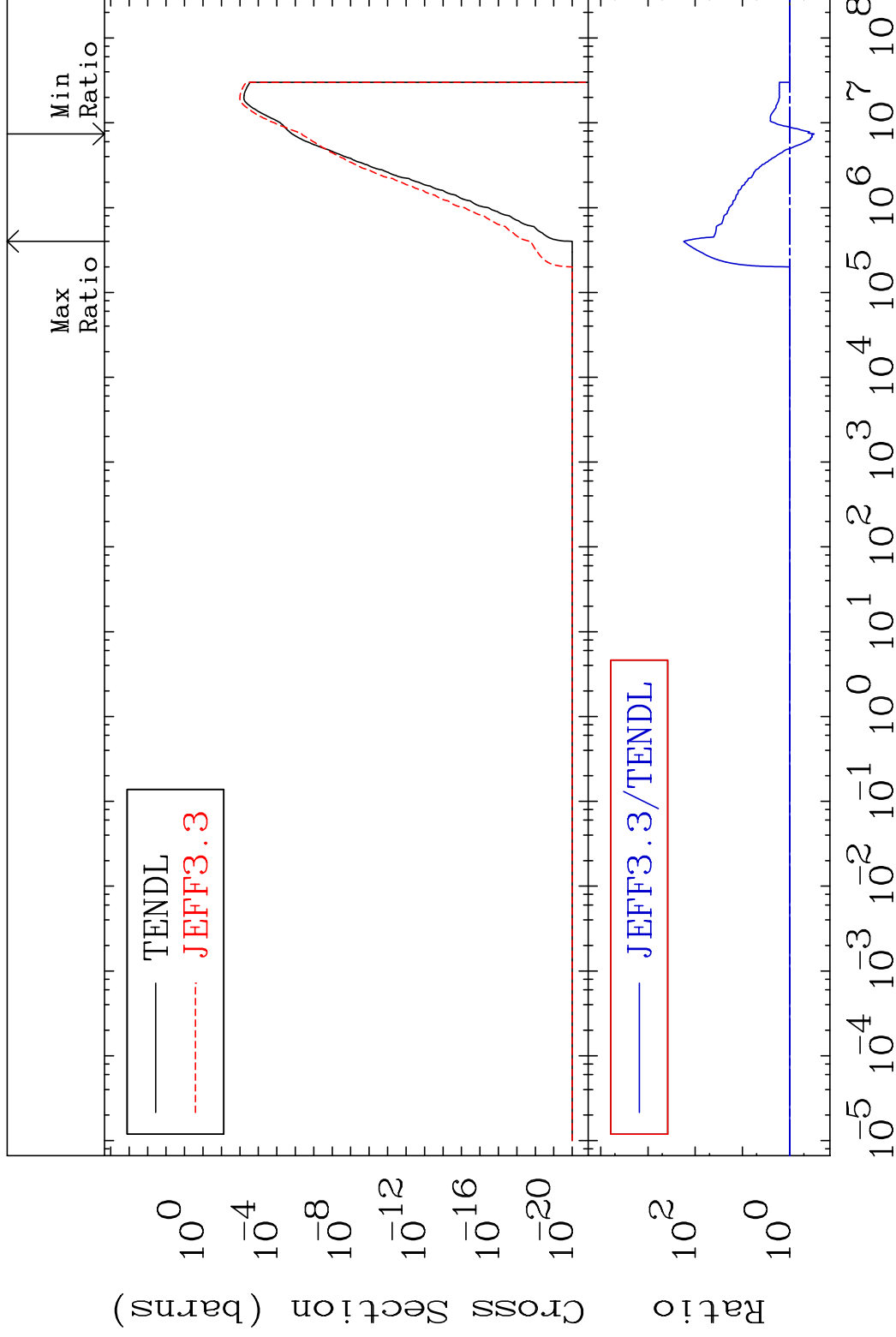
MAT 3646

(n, α)

36-Kr-85

Cross Section

-69.73 To 9999. %



52

Incident Energy (eV)

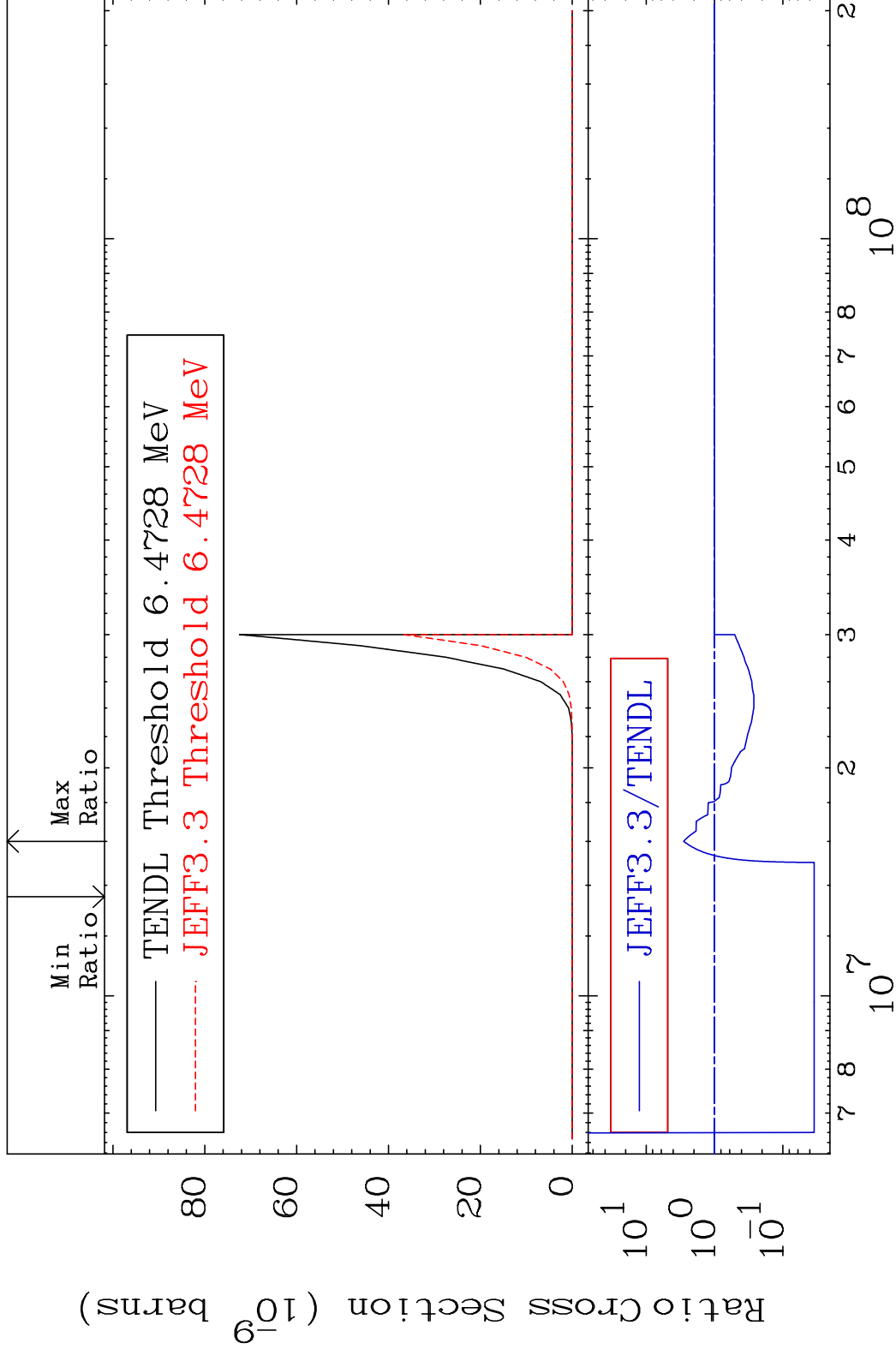
36-Kr-85

MAT 3646

(n, 2α)

36-Kr-85

Cross Section -96.53 To 182.1 %



53

Incident Energy (eV)

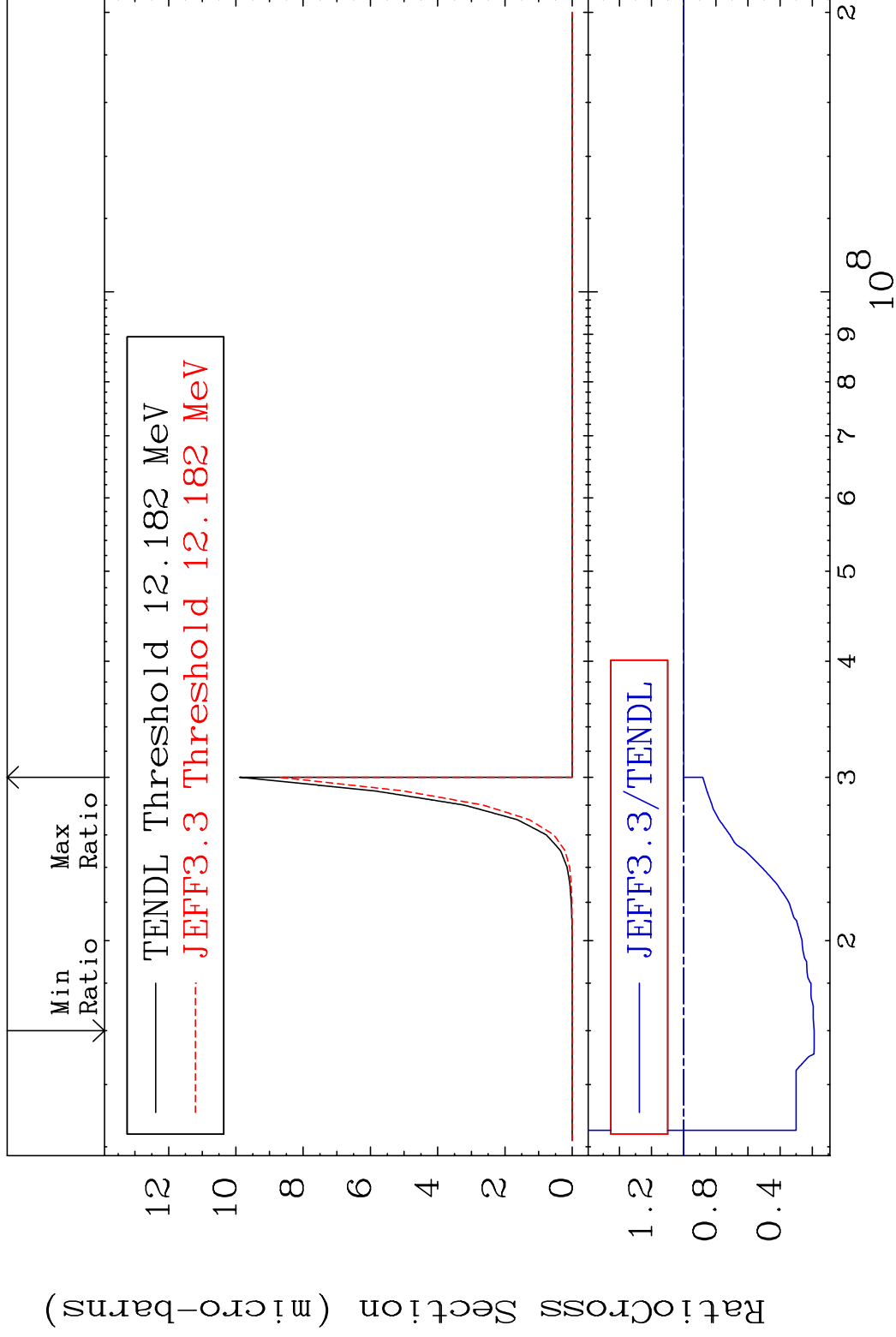
36-Kr-85

MAT 3646

(n,2p)

36-Kr-85

Cross Section -81.18 To 0.000 %

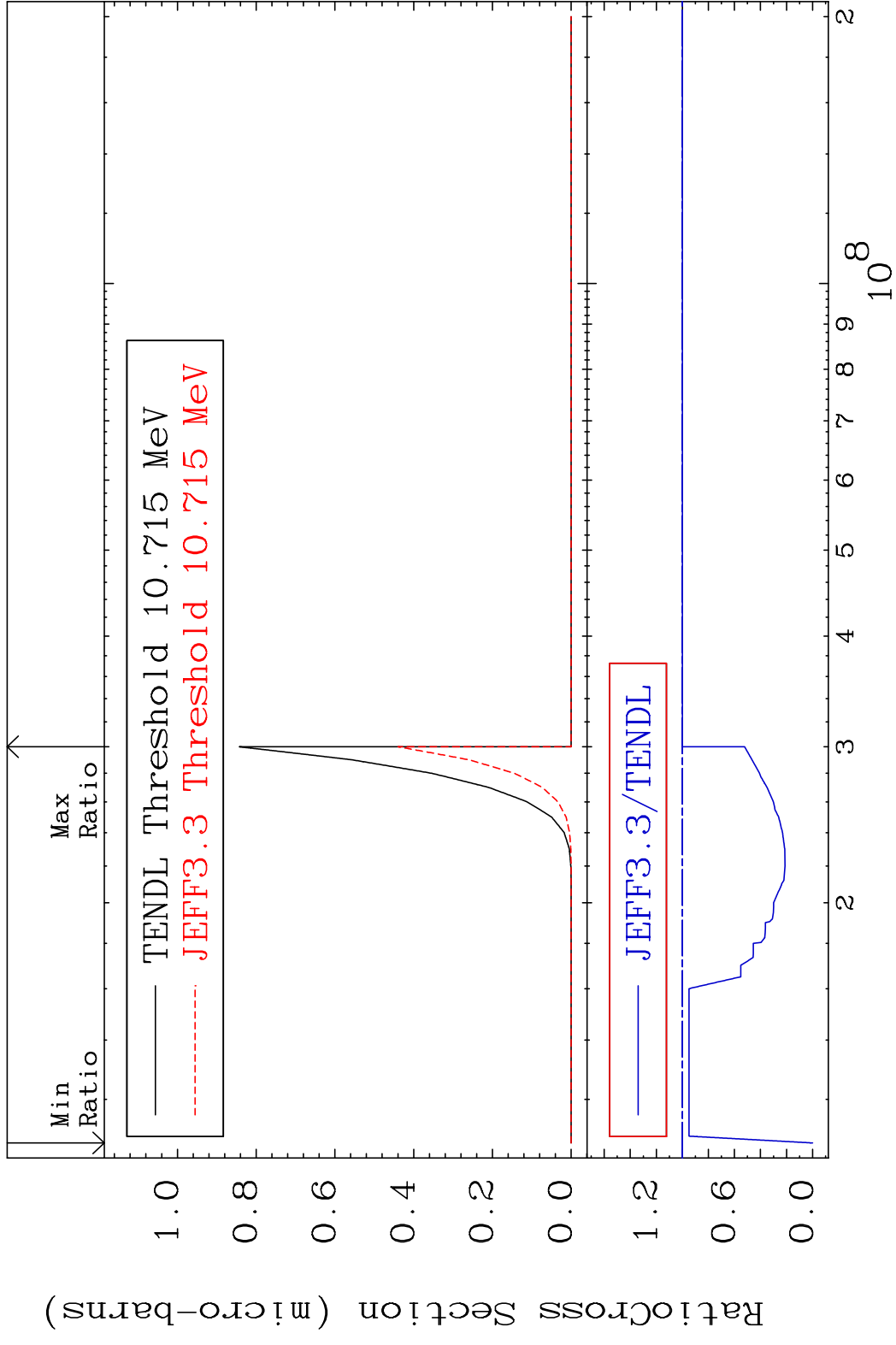


54

Incident Energy (eV)

36-Kr-85

MAT 3646 (n,p) α 36-Kr-85
 Cross Section -100.0 To 0.000 %

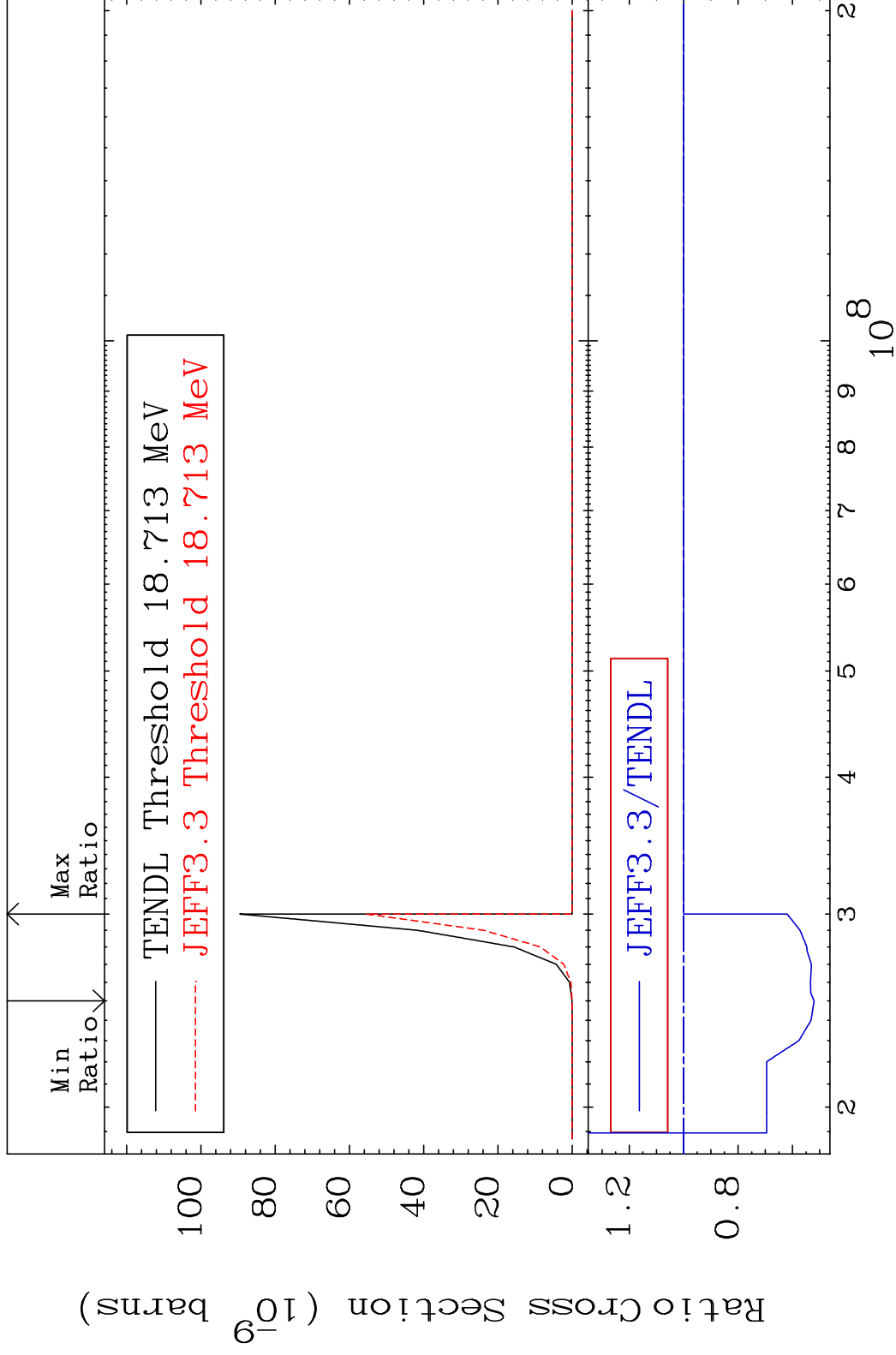


MAT 3646

(n,p) d

36-Kr-85

Cross Section -47.94 To 0.000 %



56

Incident Energy (eV)

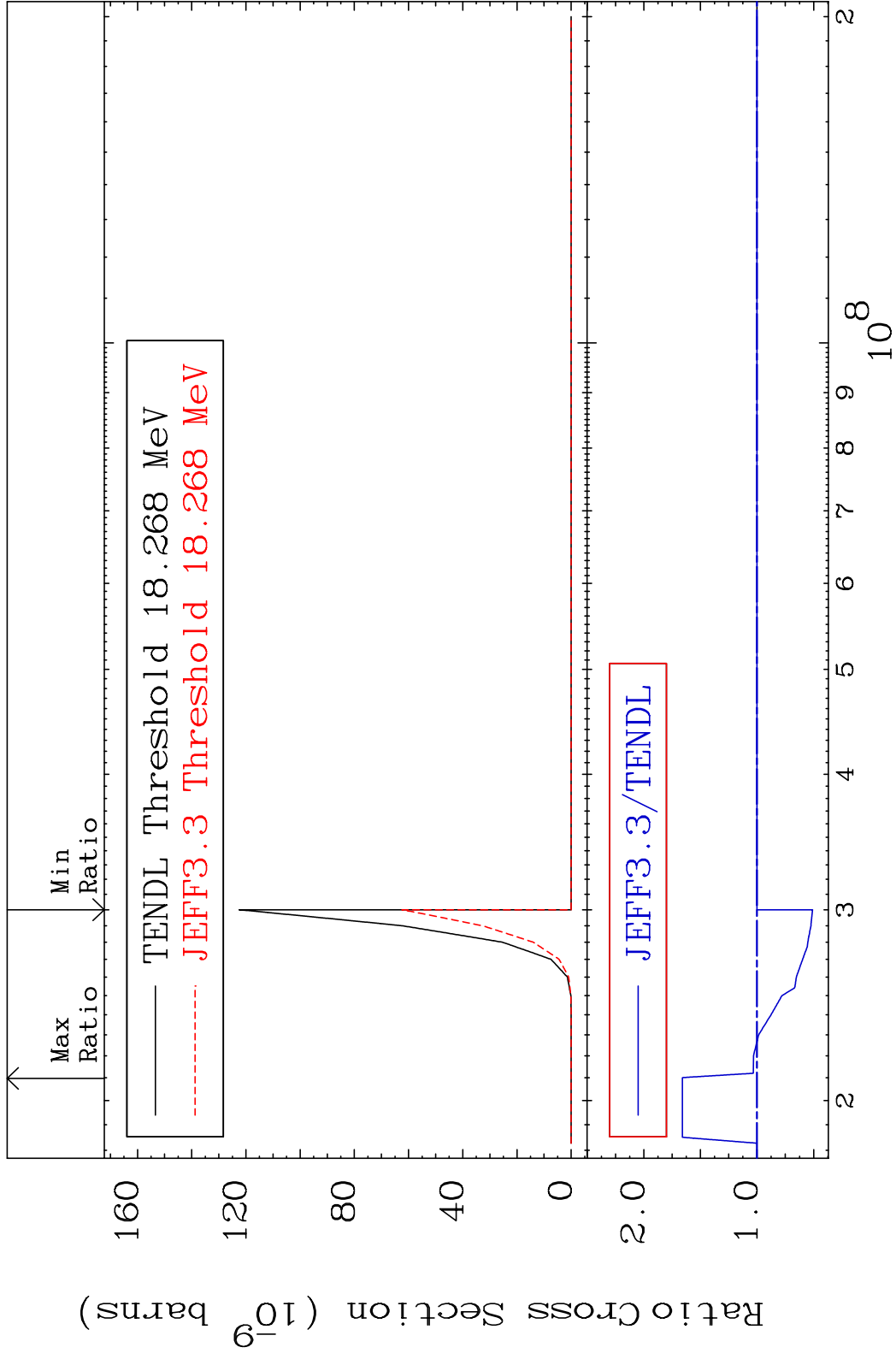
36-Kr-85

MAT 3646

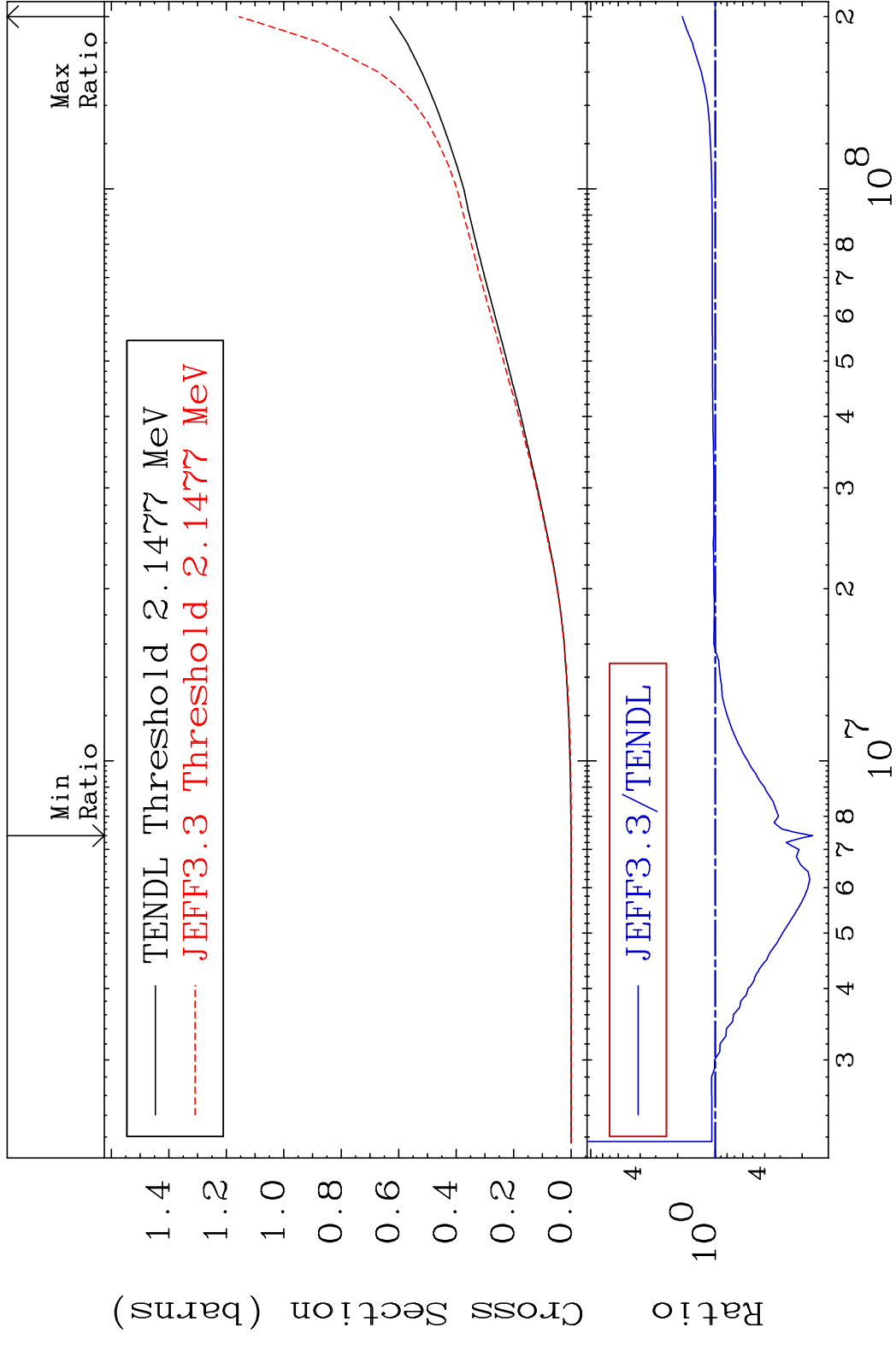
(n,p) t

36-Kr-85

Cross Section -49.03 To 65.96 %



MAT 3646 Hydrogen Production 36-Kr-85
 Cross Section -83.50 To 83.33 %

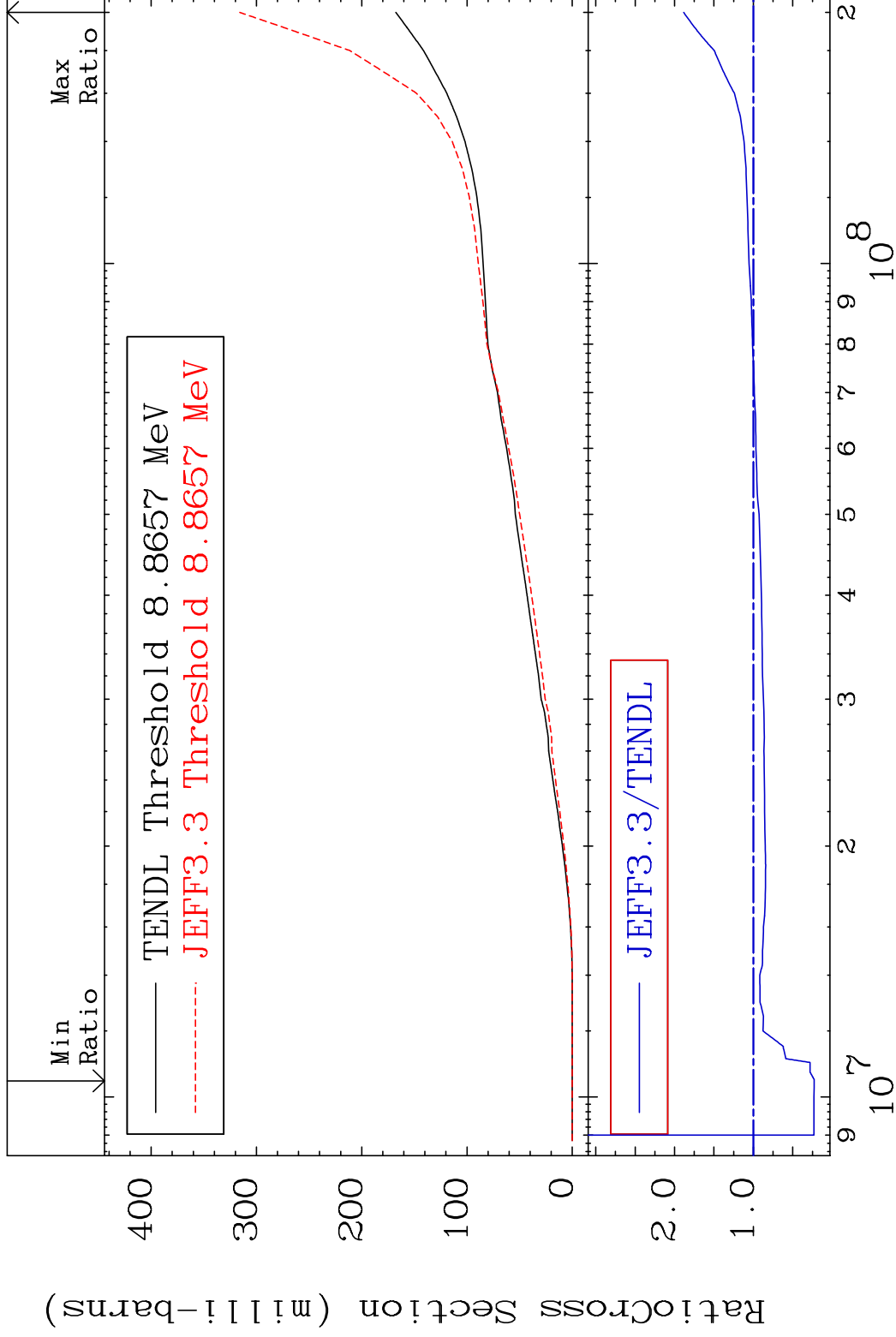


MAT 3646

Deuterium Production

³⁶Kr-85

Cross Section -77.11 To 88.46 %



59

Incident Energy (eV)

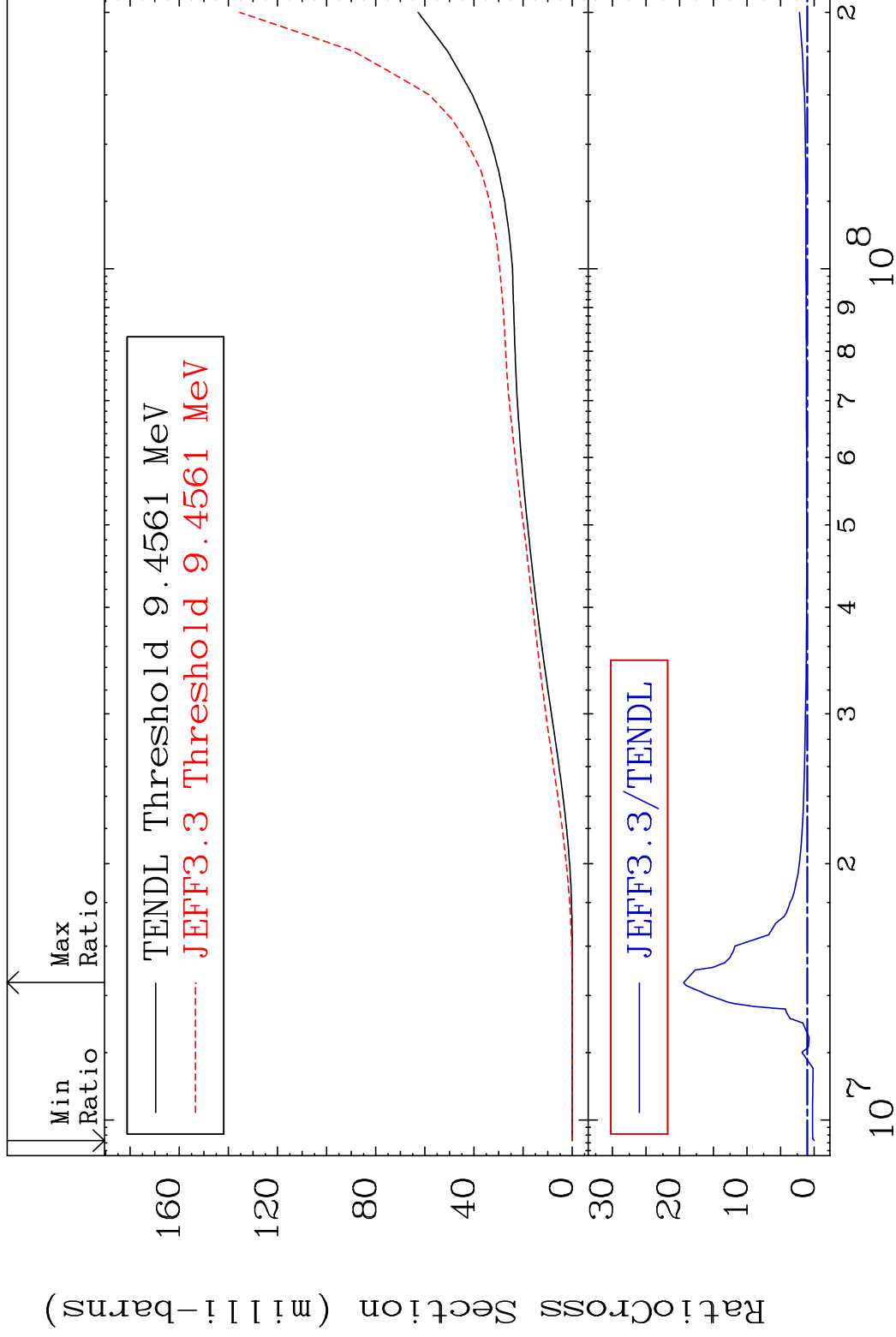
³⁶Kr-85

MAT 3646

Tritium Production

³⁶Kr-85

Cross Section -100.0 To 1841. %



60

Incident Energy (eV)

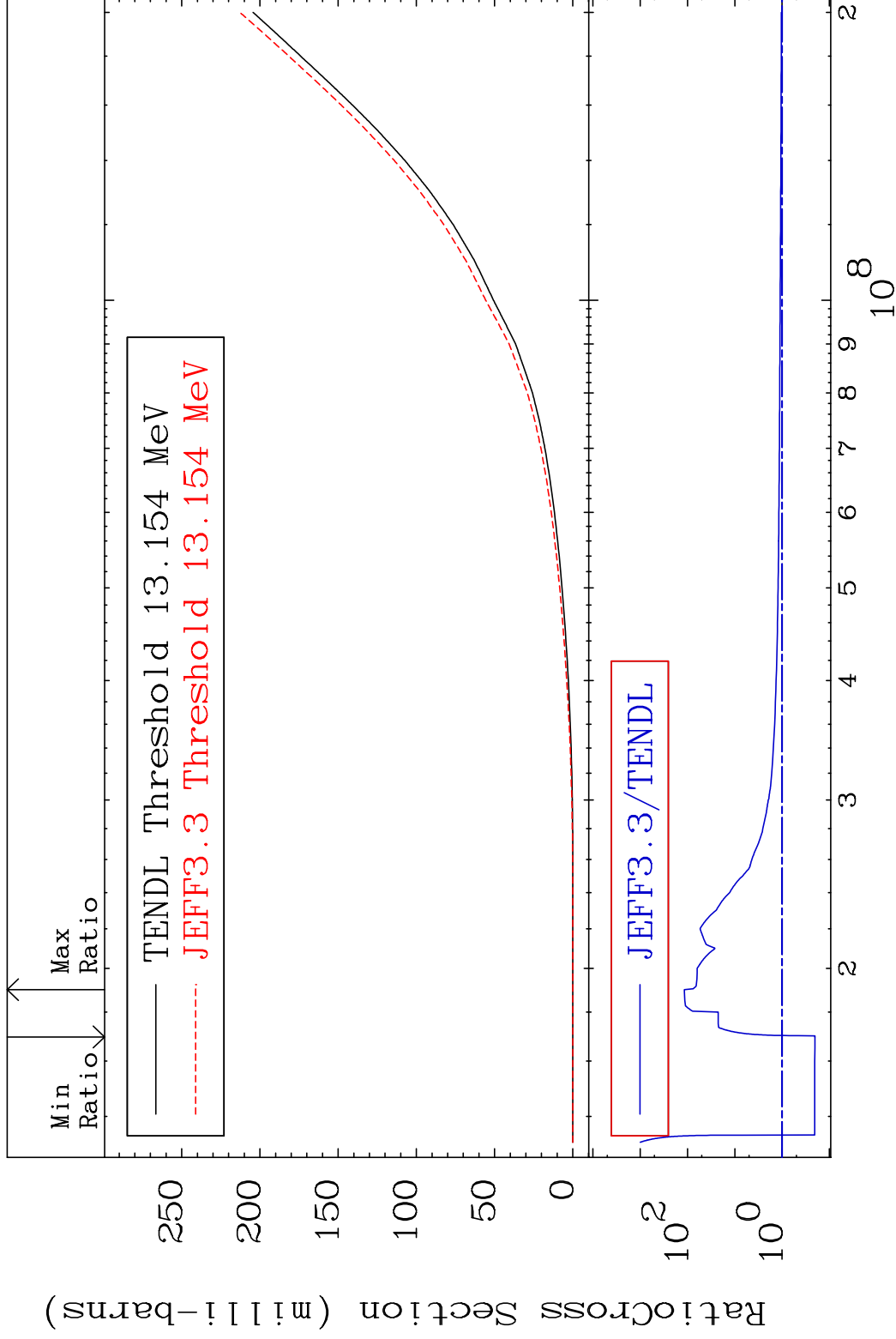
³⁶Kr-85

MAT 3646

He-3 Production

36-Kr-85

Cross Section -79.72 To 9999. %



61

Incident Energy (eV)

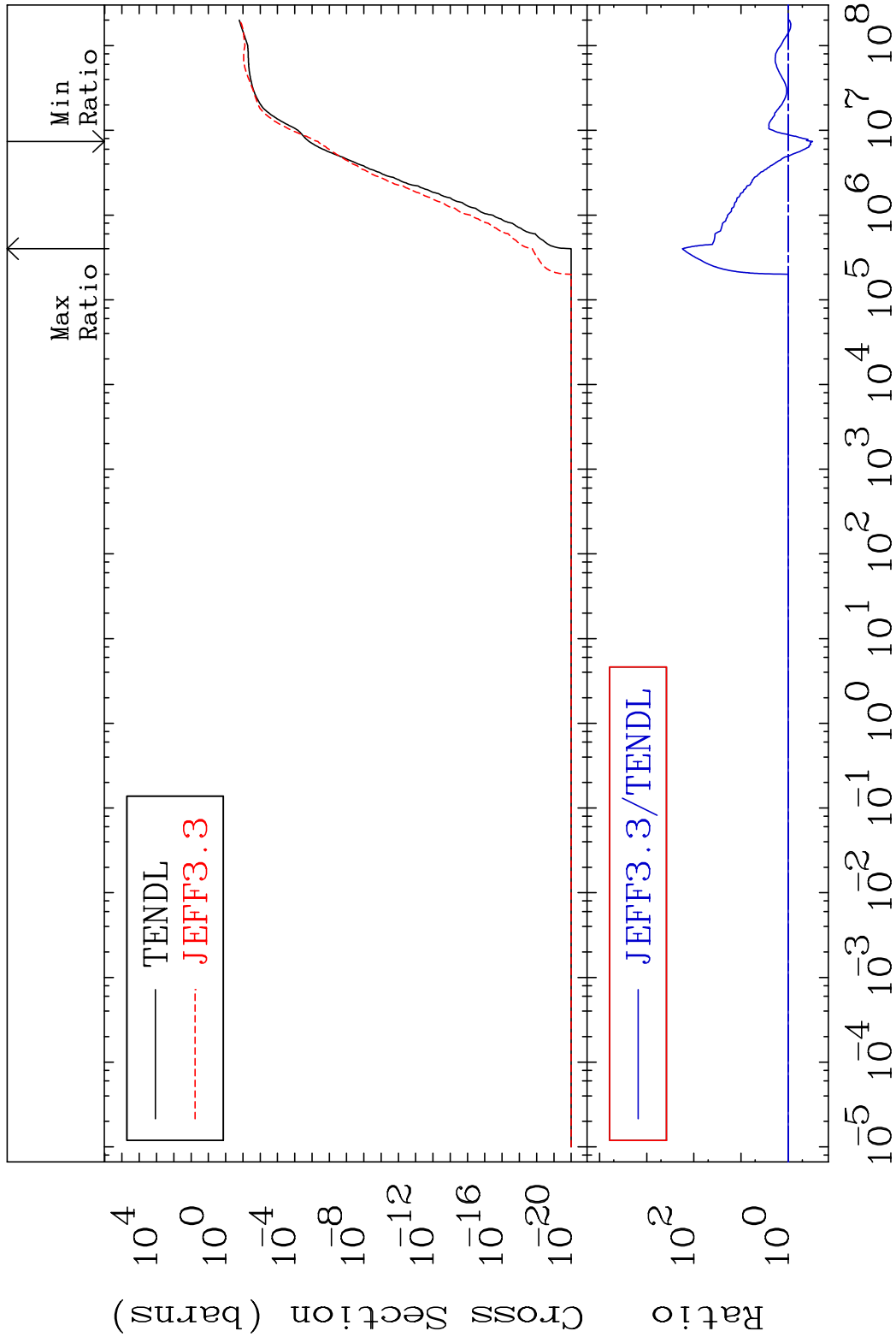
36-Kr-85

MAT 3646

He-4 Production

36-Kr-85

Cross Section -69.73 To 9999. %

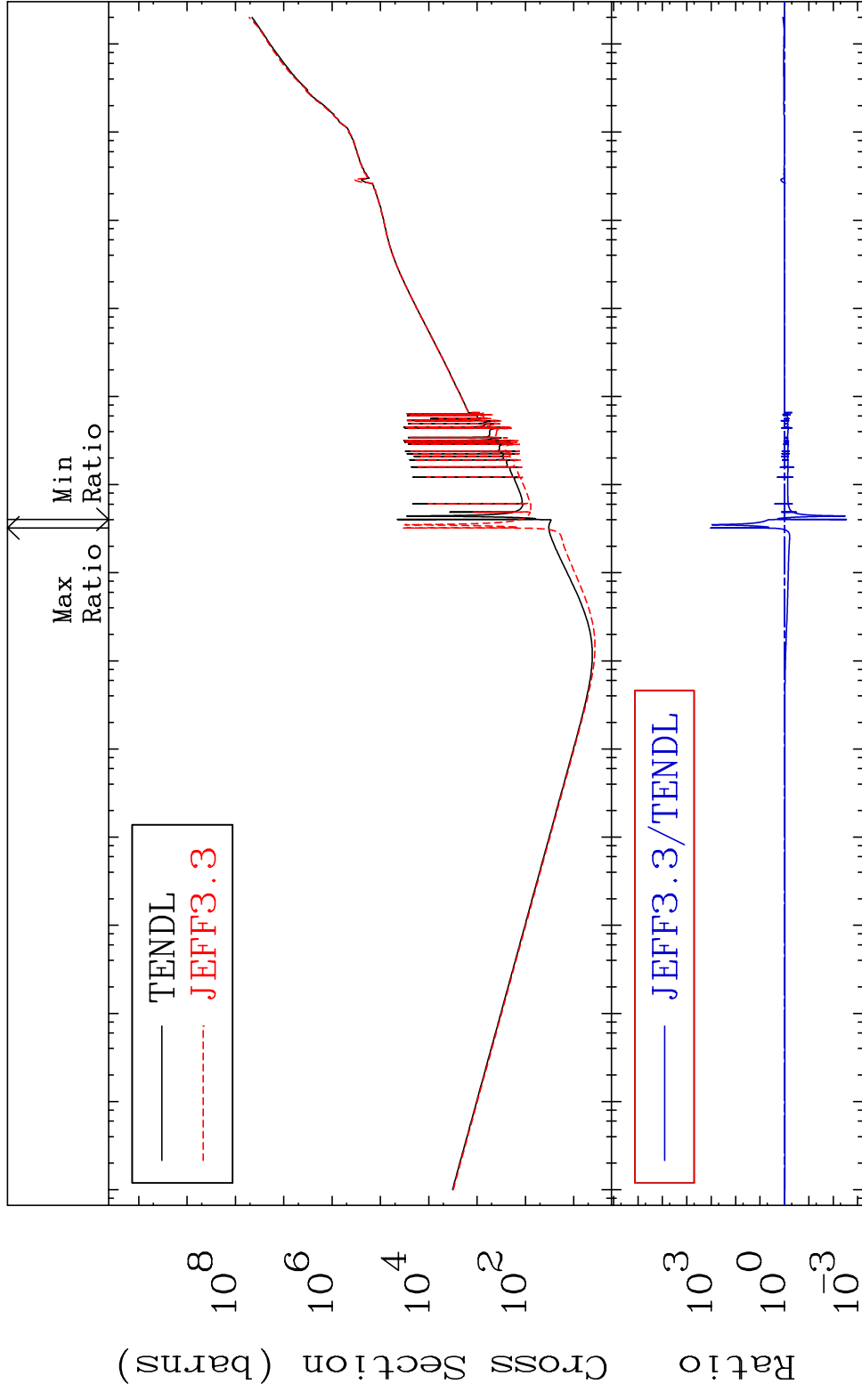


62

Incident Energy (eV)

36-Kr-85

MAT 3646 Kerma total (eV-barns) 36-Kr-85
 Cross Section -99.71 To 9999. %



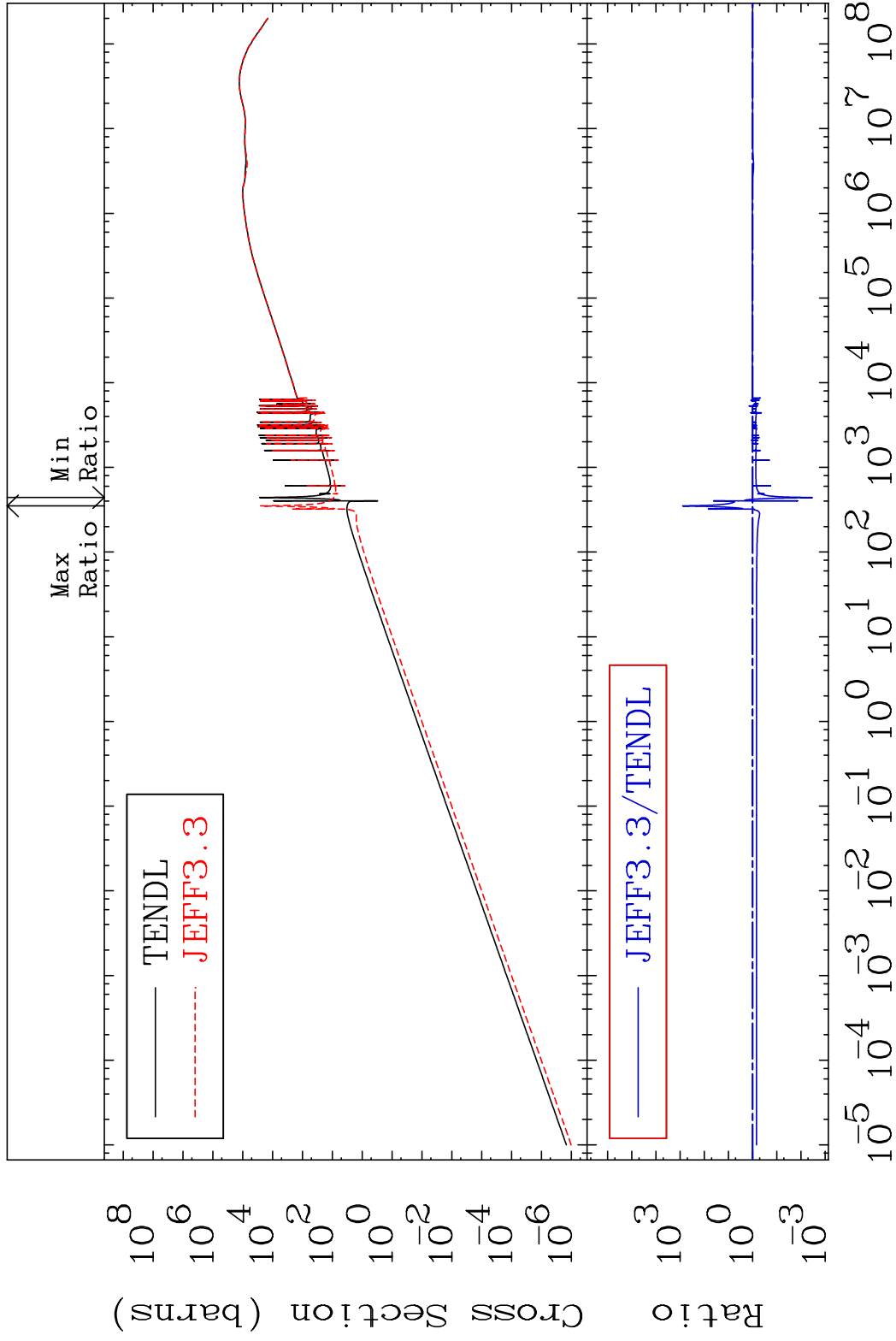
63 Incident Energy (eV) 36-Kr-85

MAT 3646

Kerma elastic

36-Kr-85

Cross Section -99.67 To 9999. %

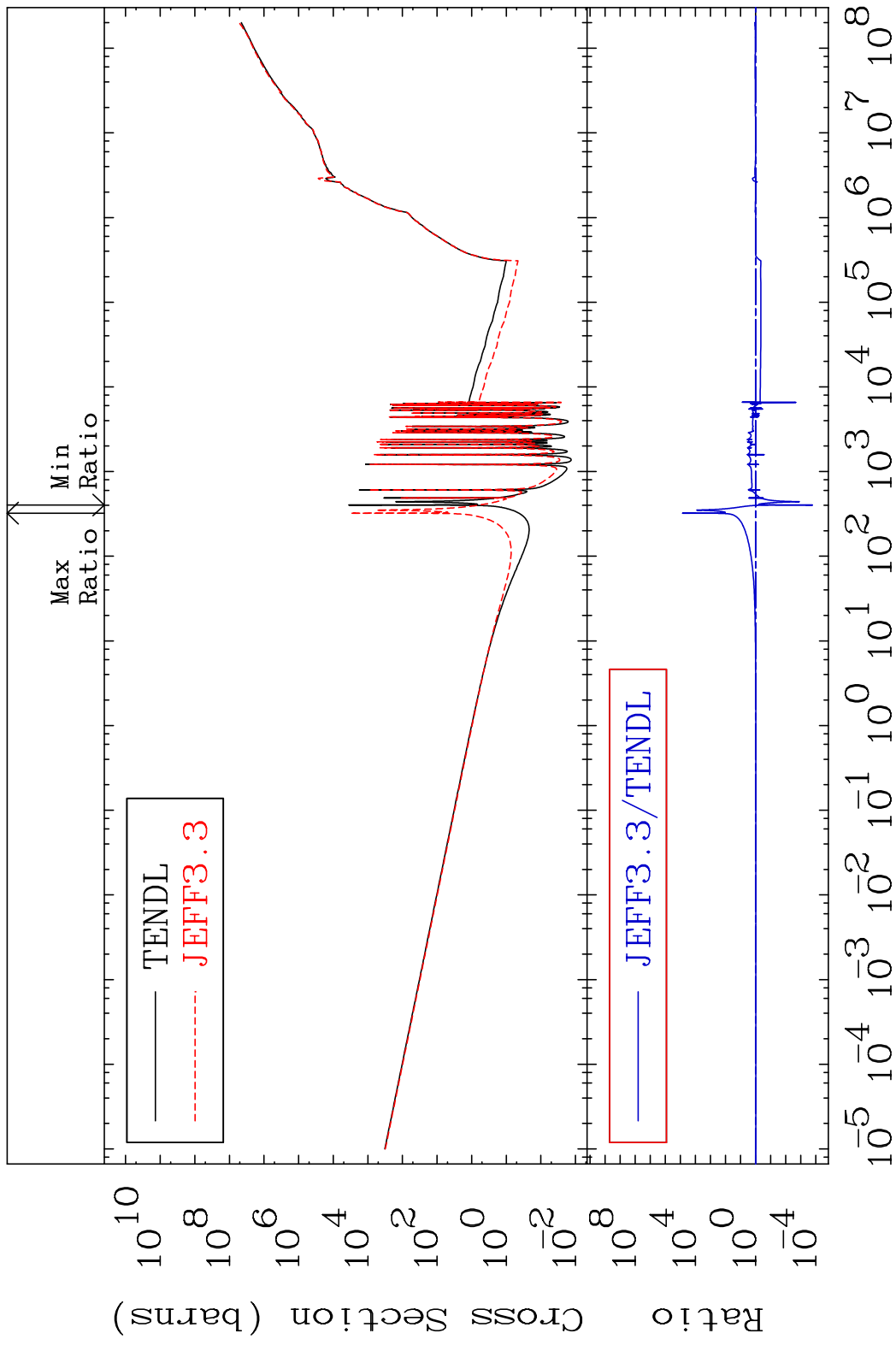


64

Incident Energy (eV)

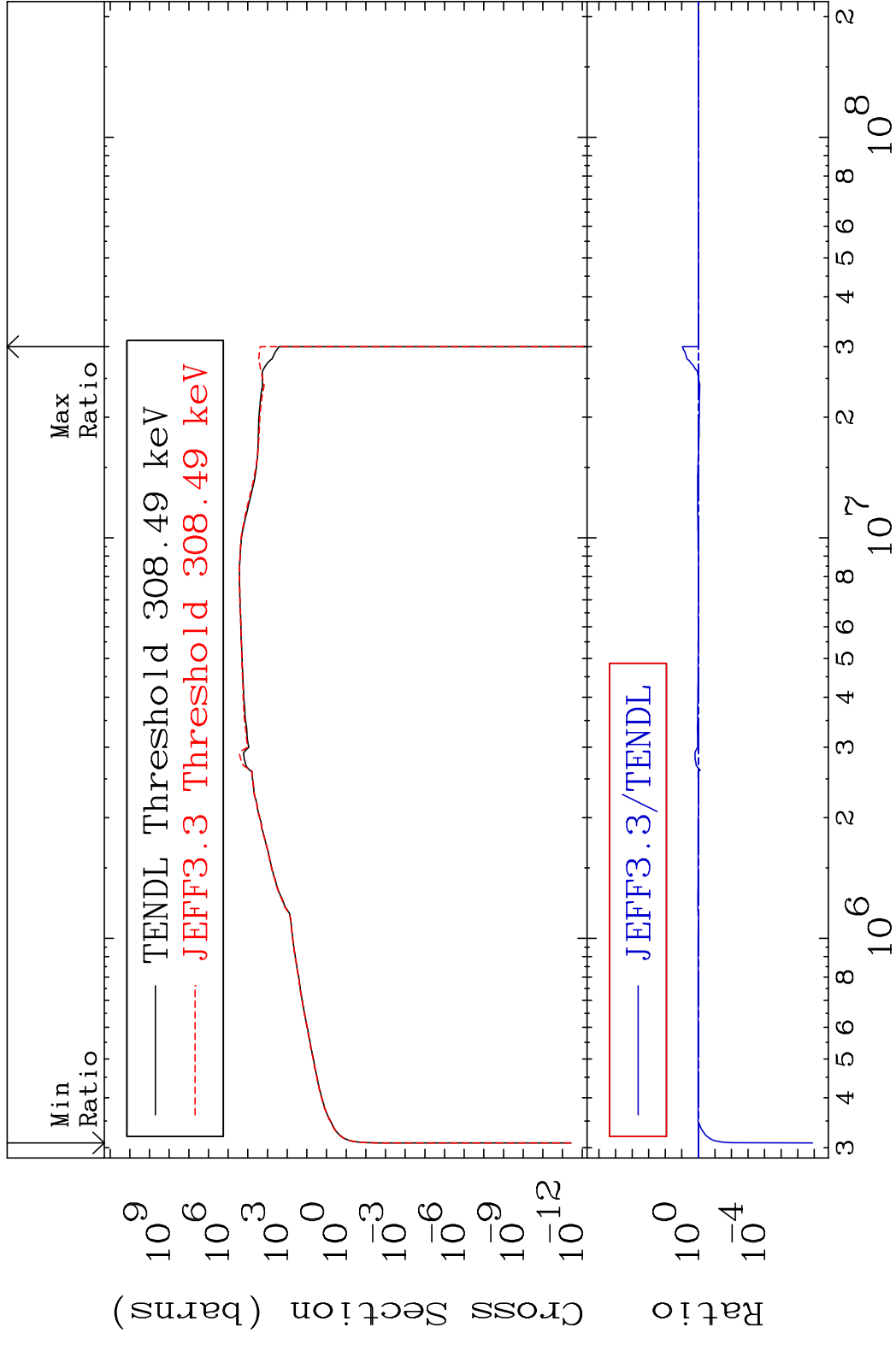
36-Kr-85

MAT 3646 Kerma non-elastic (all but mt2) 36-Kr-85
 Cross Section -99.98 To 9999. %

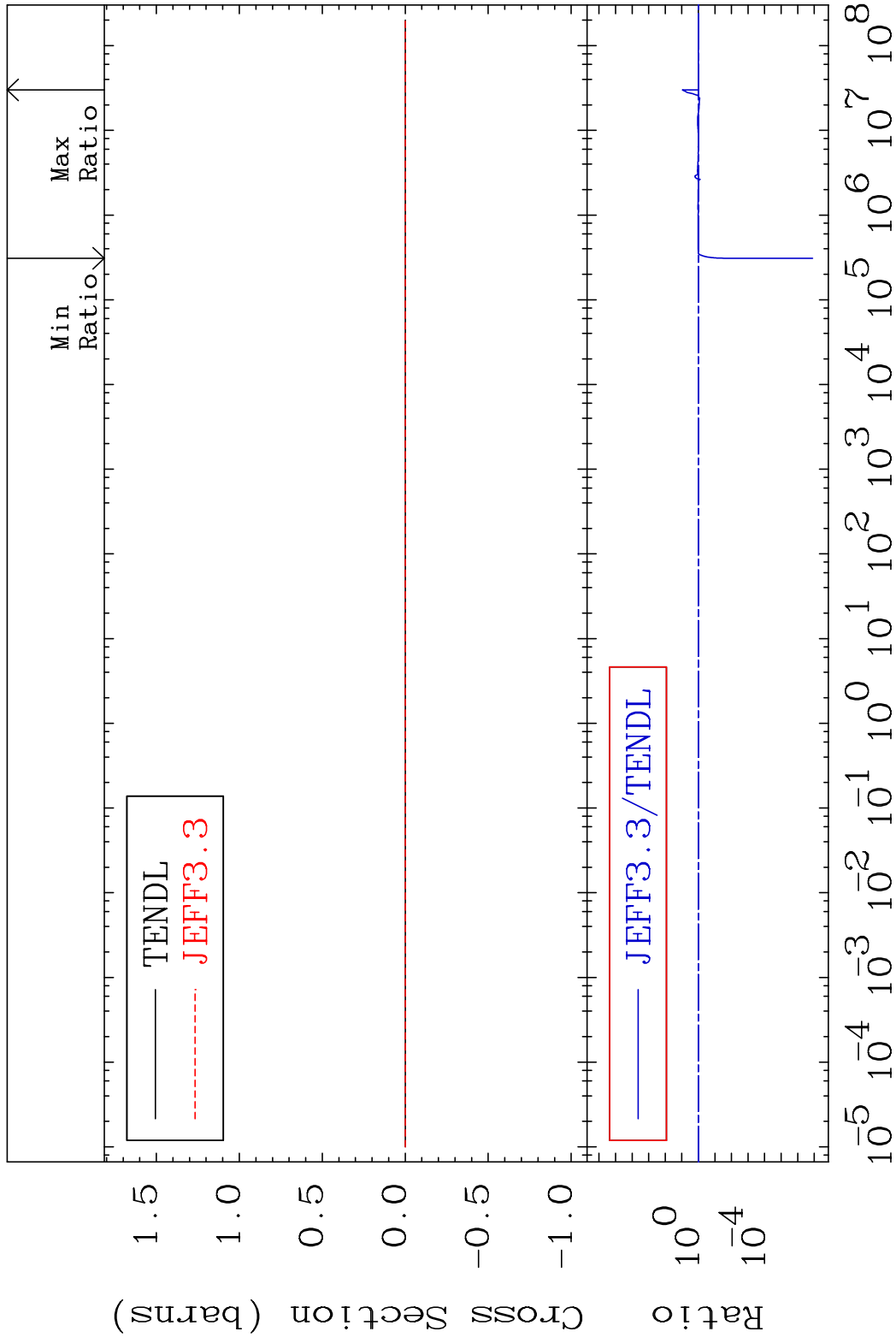


65 Incident Energy (eV) 36-Kr-85

MAT 3646 Kerma inelastic (mt51-91) 36-Kr-85
 Cross Section -100.0 To 824.4 %

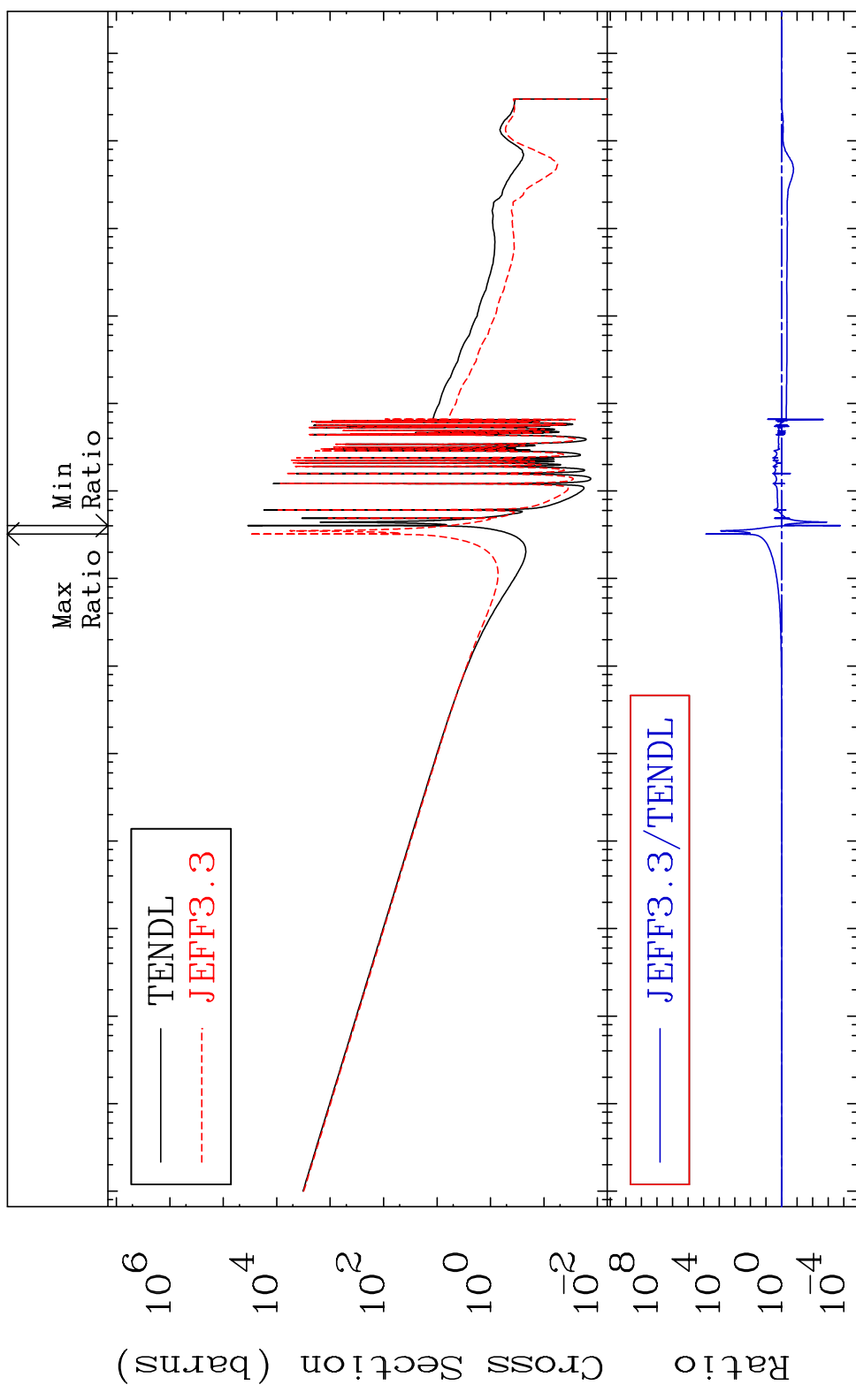


MAT 3646 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-85
 Cross Section -100.0 To 824.4 %



MAT 3646

Kerma capture (mt102) 36-Kr-85
Cross Section -99.98 To 9999. %

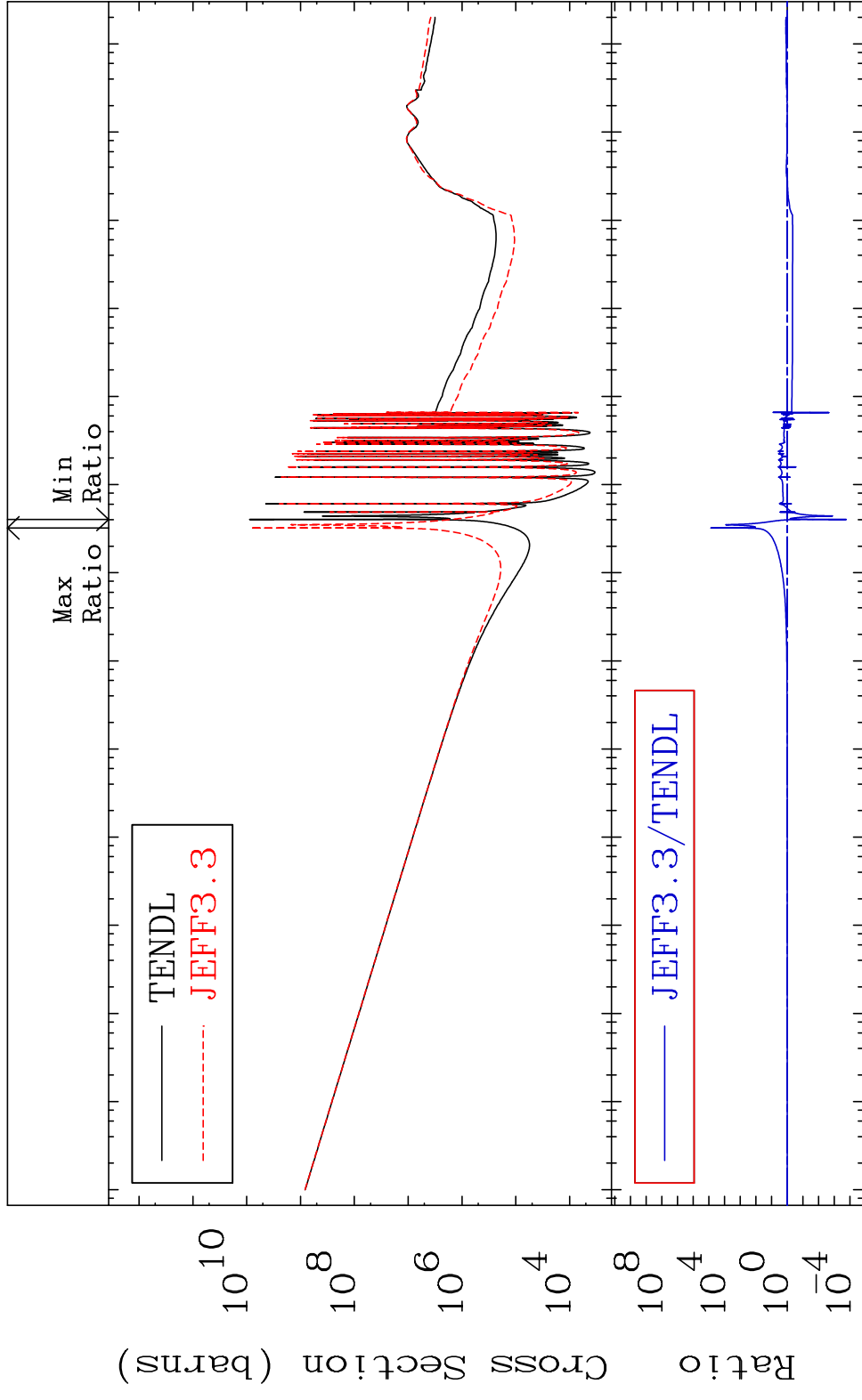


68

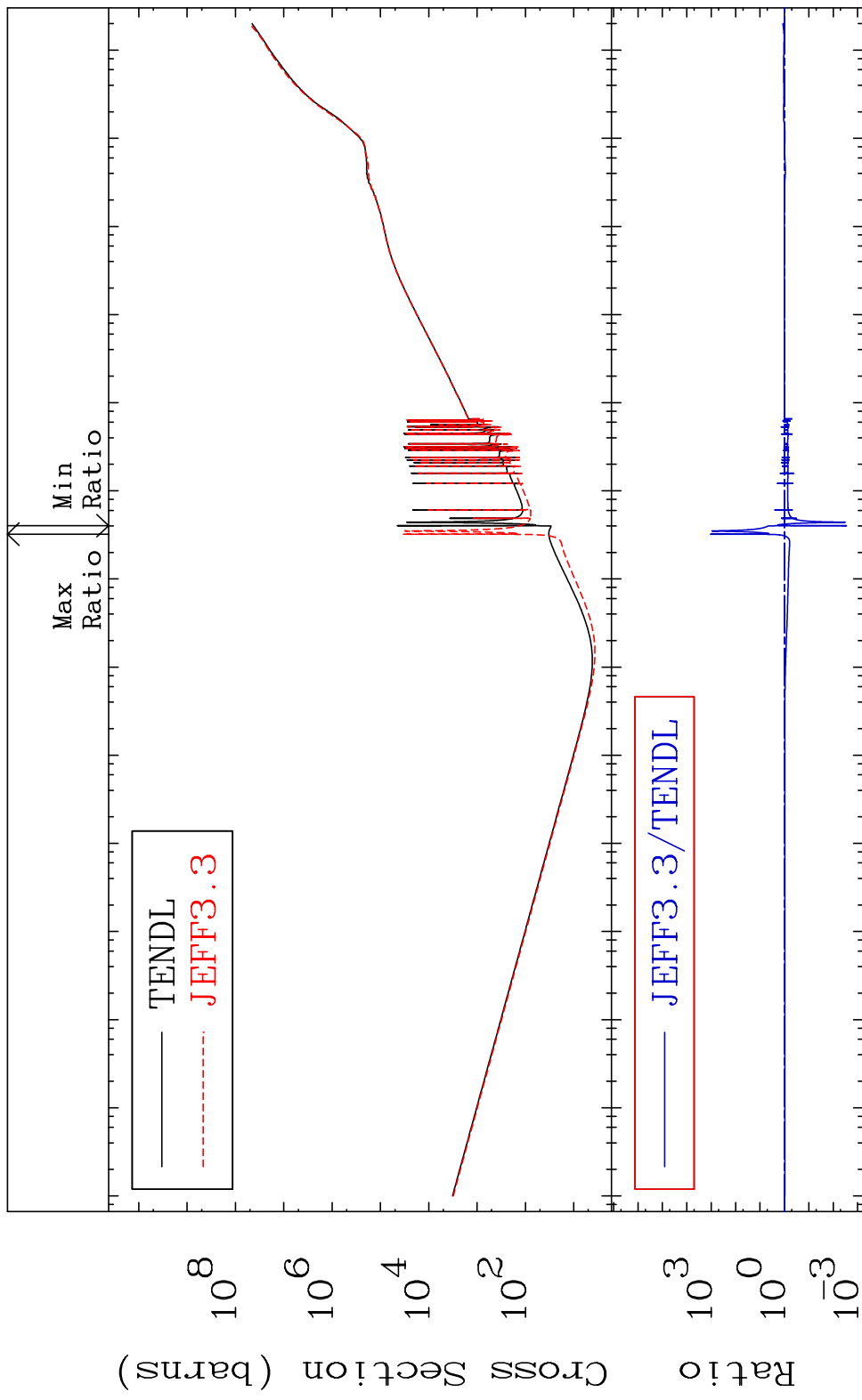
Incident Energy (eV)

36-Kr-85

MAT 3646 Total photon (eV-barns) 36-Kr-85
 Cross Section -99.98 To 9999. %

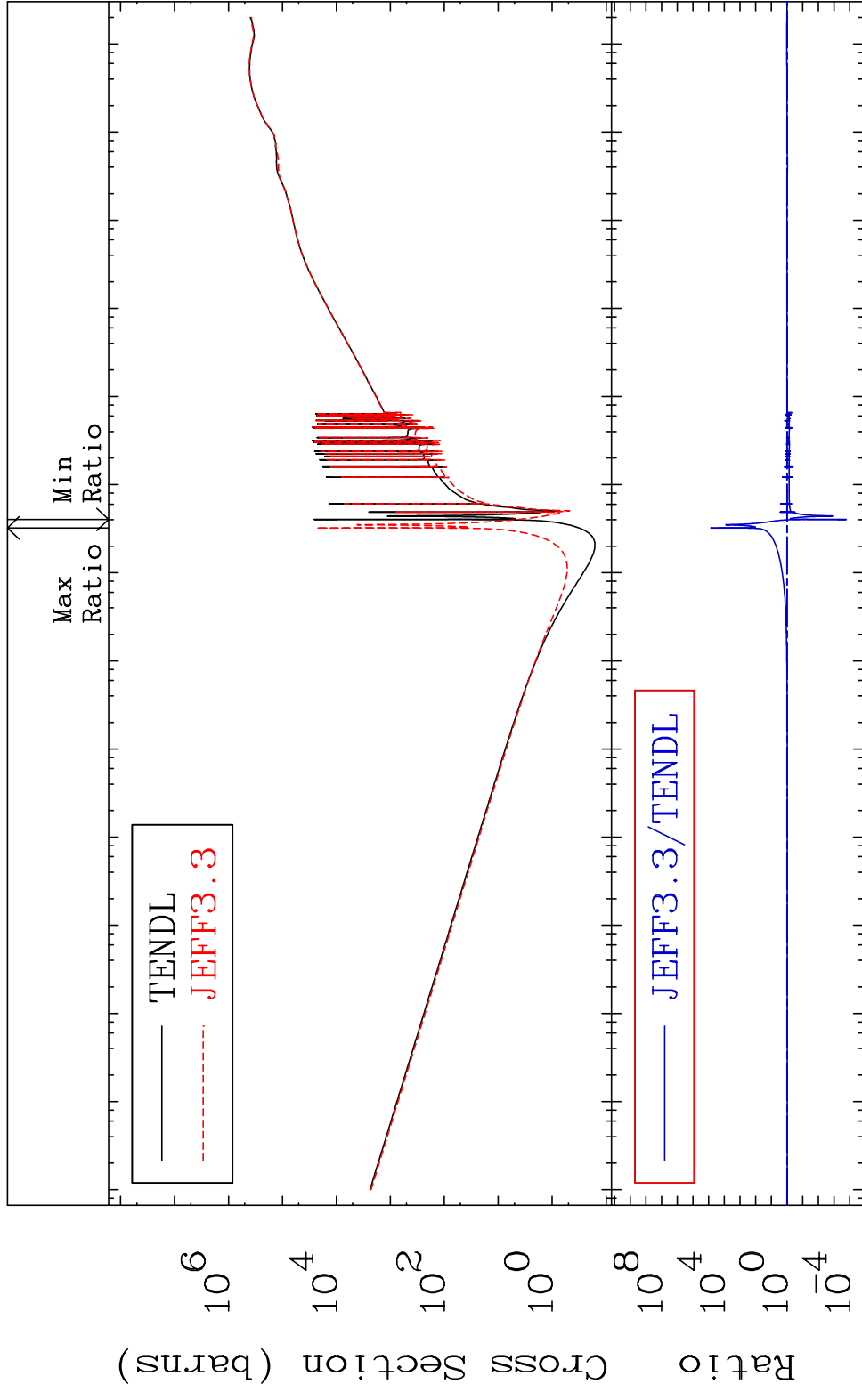


MAT 3646 Total kinematic kerma (high limit) 36-Kr-85
 Cross Section -99.71 To 9999. %



70 Incident Energy (eV) 36-Kr-85

MAT 3646 Dpa total (eV-barns) 36-Kr-85
 Cross Section -99.98 To 9999. %



Ratio
 Cross Section (barns)

10⁶
 10⁴
 10²
 10⁰
 10⁻²
 10⁻⁴

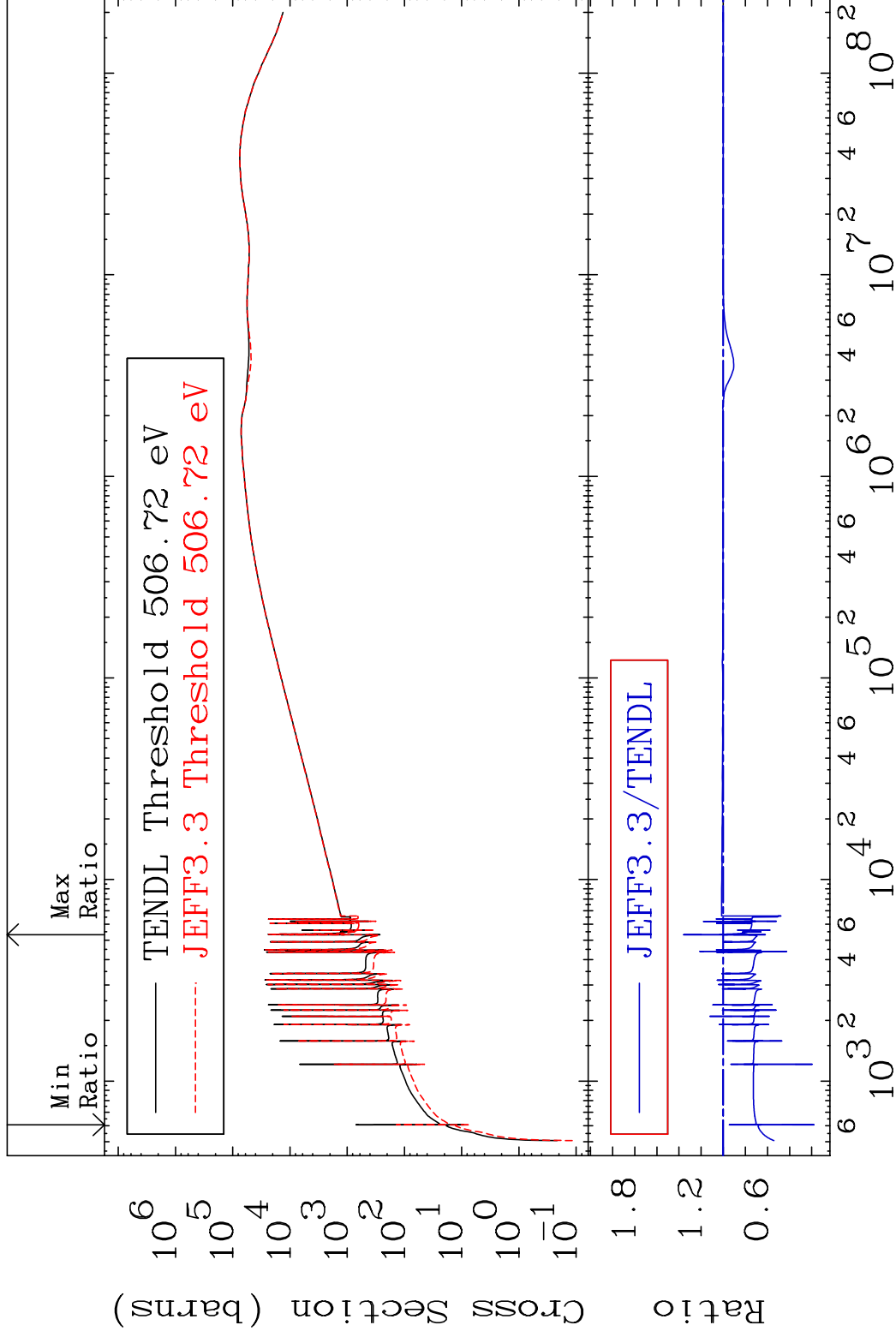
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

MAT 3646

Dpa elastic (mt2)

36-Kr-85

Cross Section -82.16 To 35.79 %

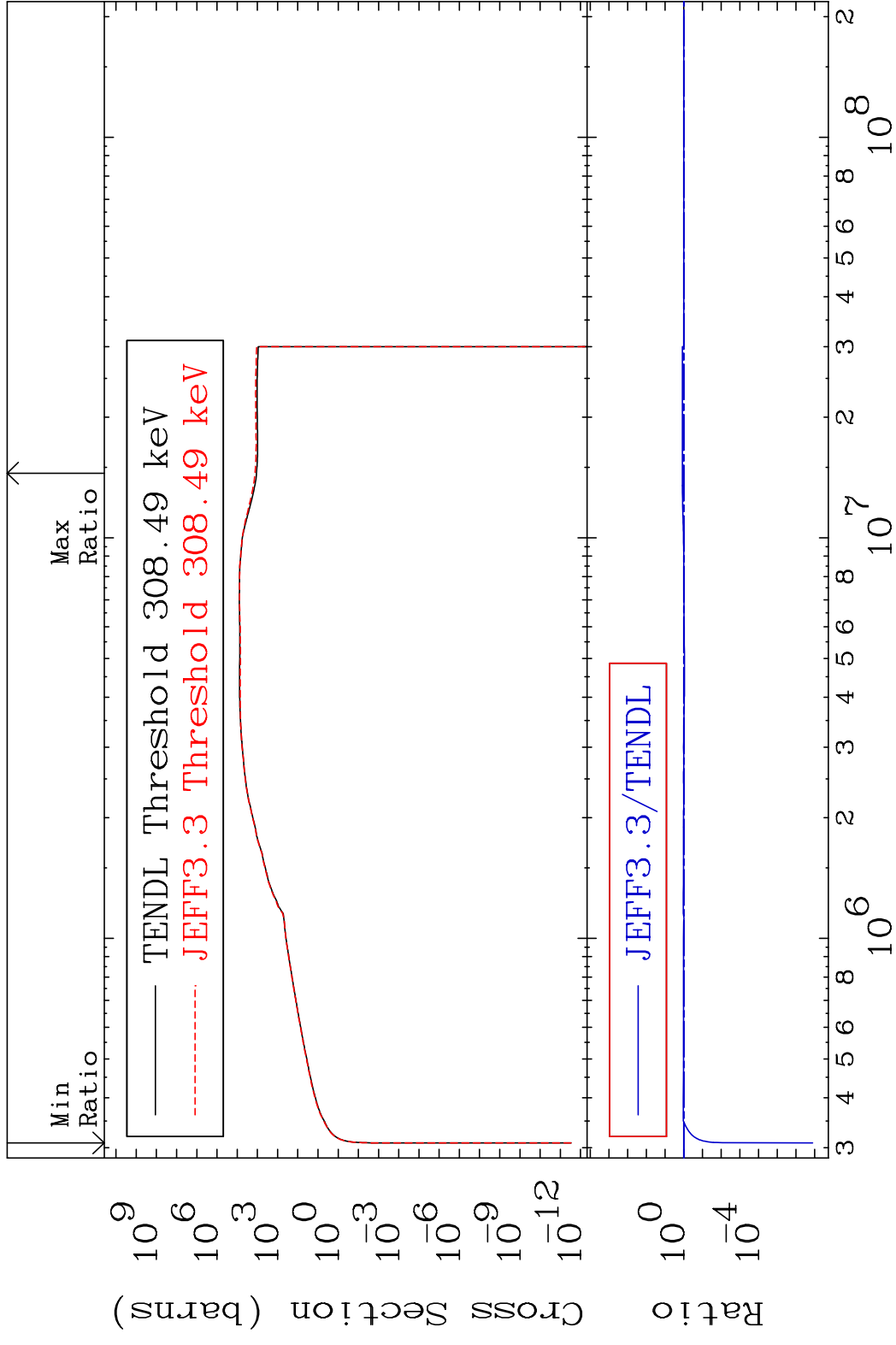


72

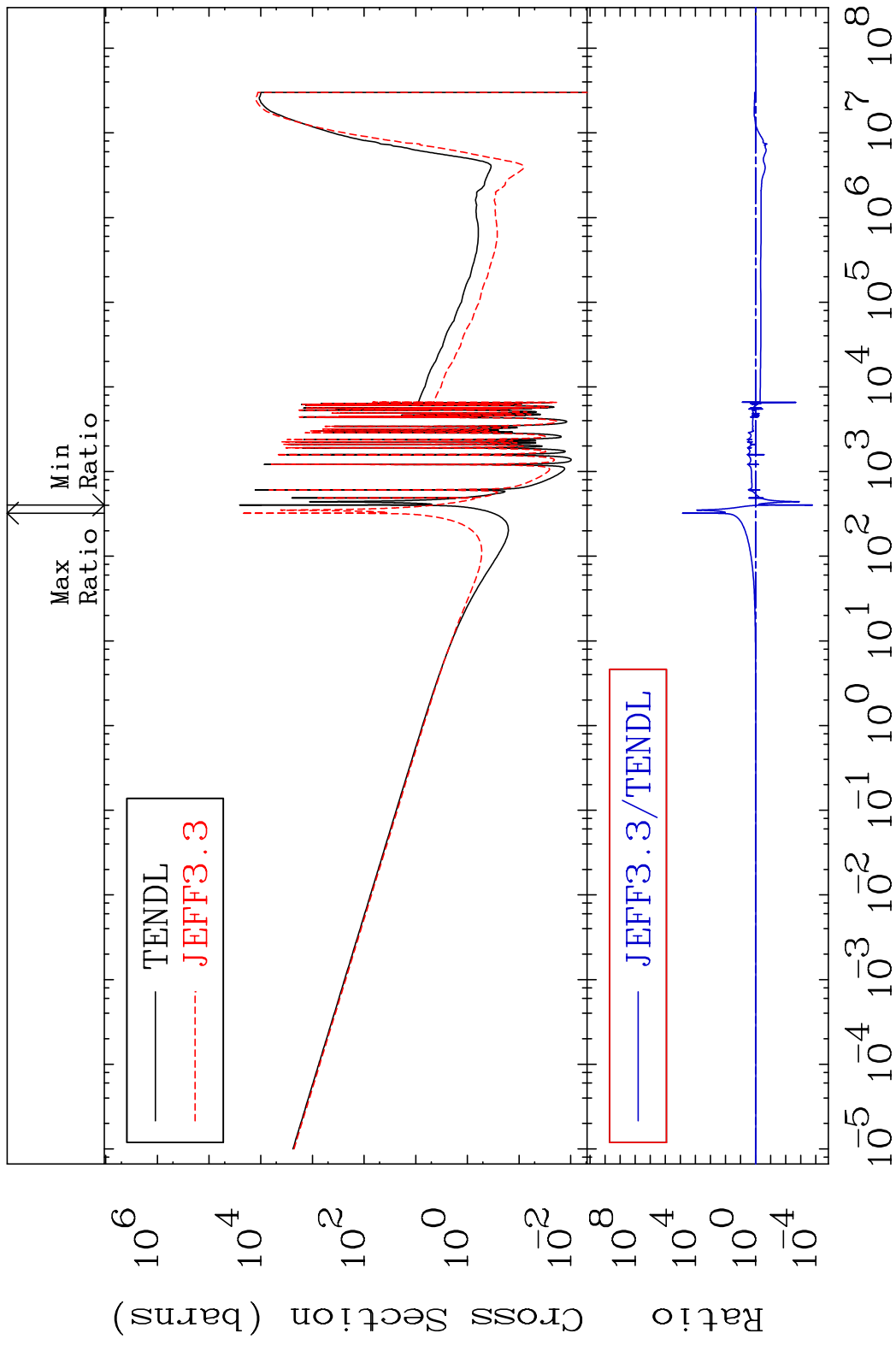
Incident Energy (eV)

36-Kr-85

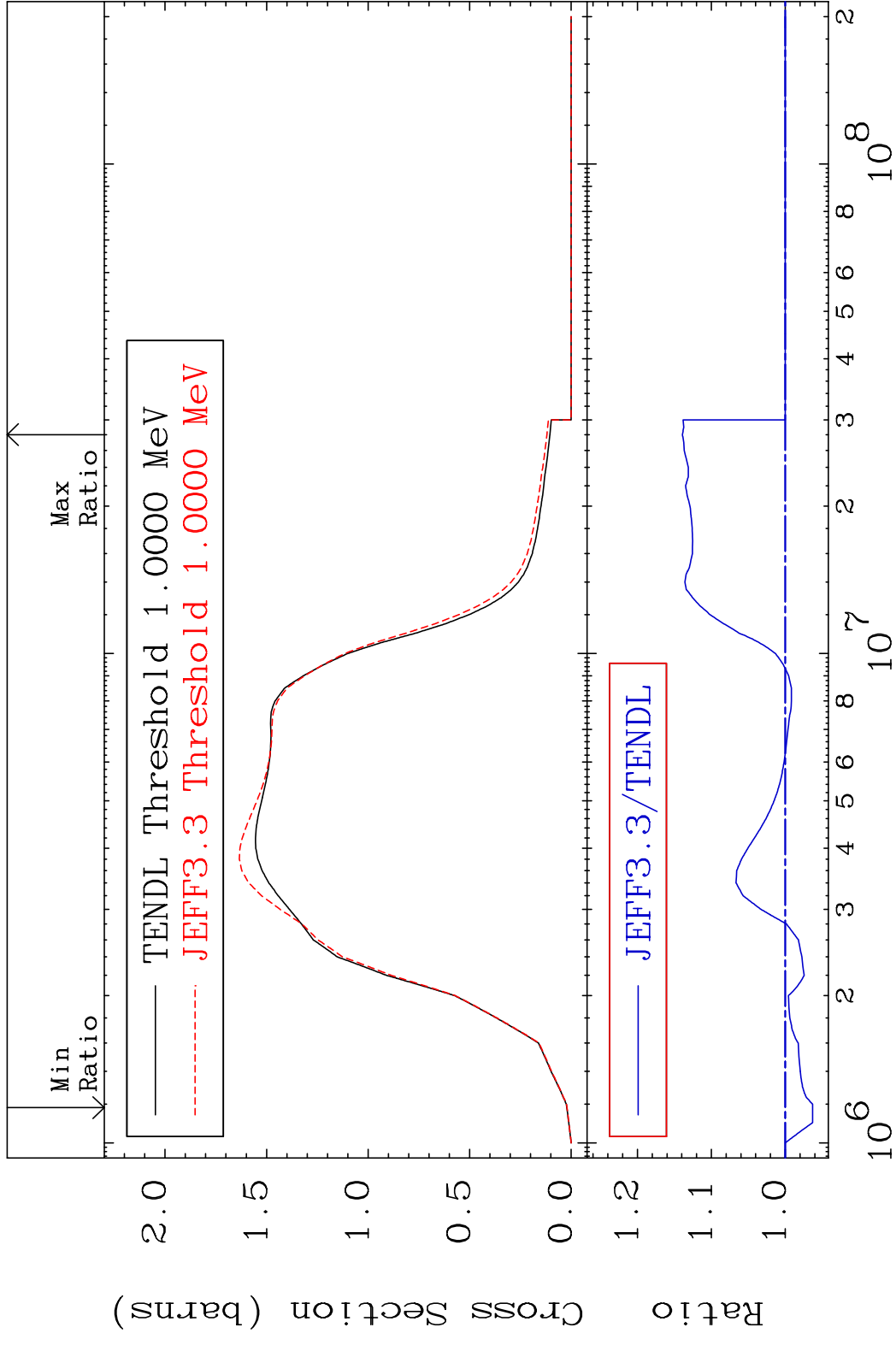
MAT 3646 Dpa inelastic (mt51-91) 36-Kr-85
 Cross Section -100.0 To 18.74 %



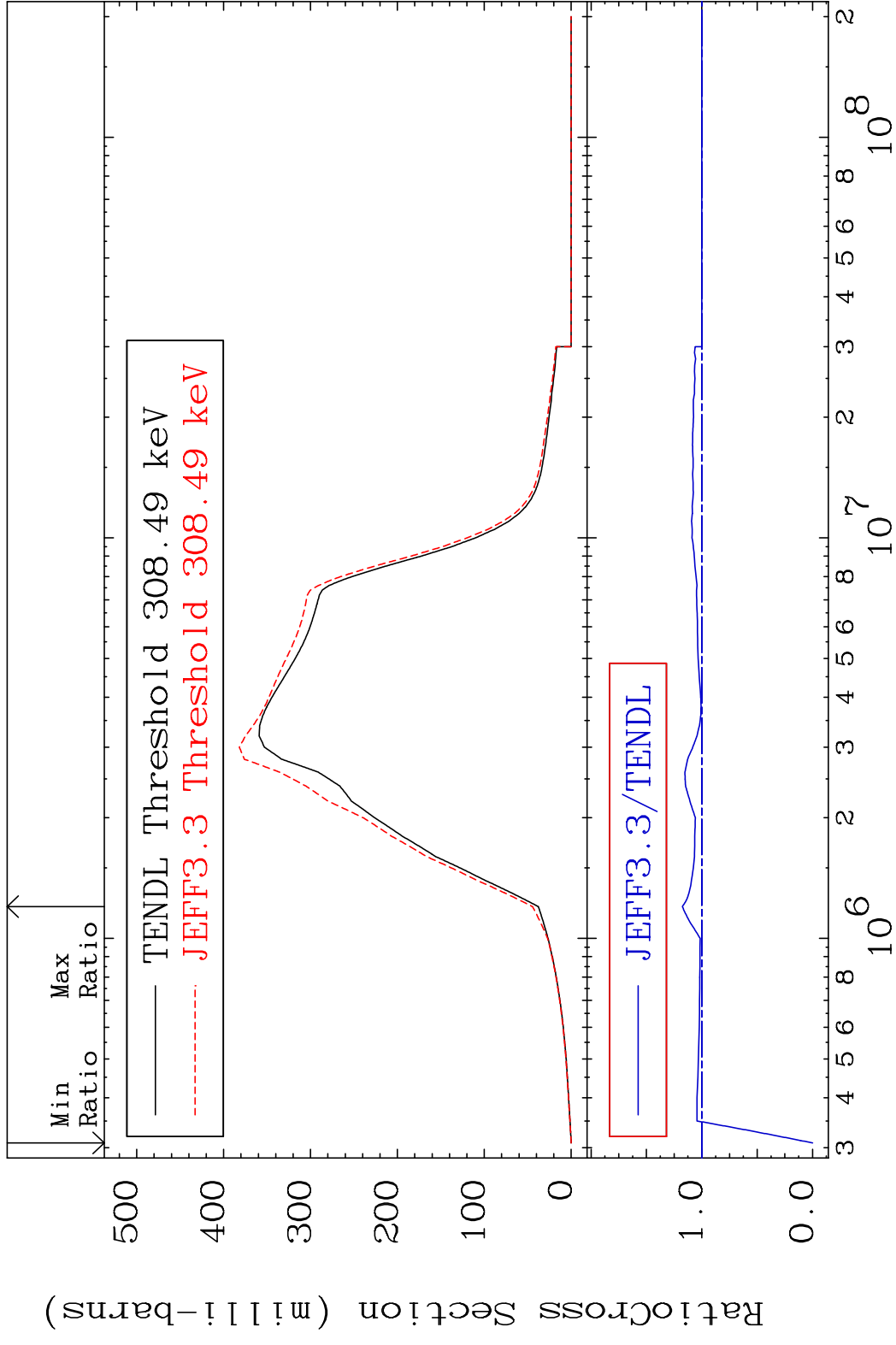
MAT 3646 Dpa disappearance (mt102 -120) 36-Kr-85
 Cross Section -99.98 To 9999. %



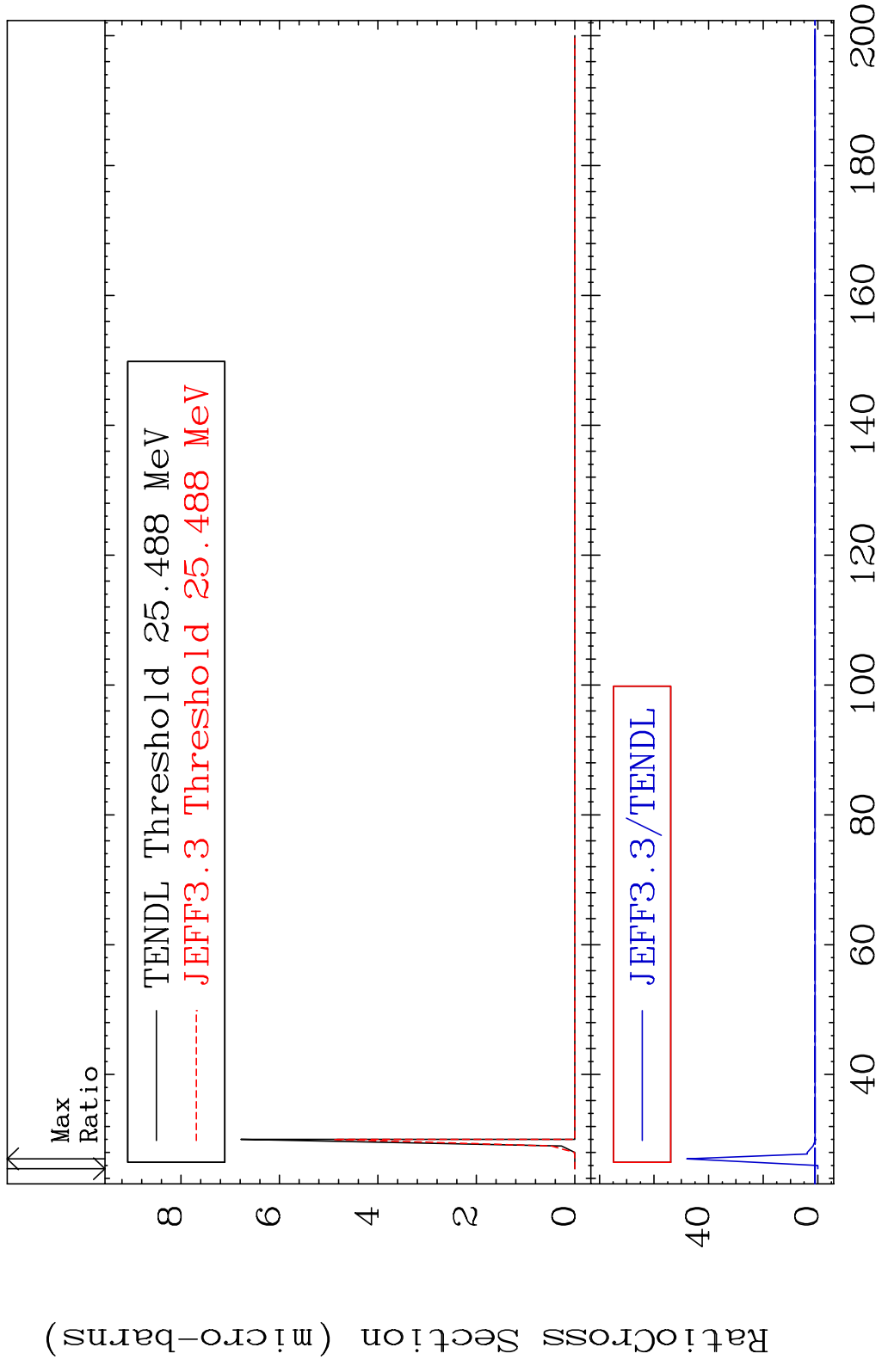
MAT 3646 Inelastic:36-Kr-85g 36-Kr-85
 Radionuclide Production Cross Section 13.92 %



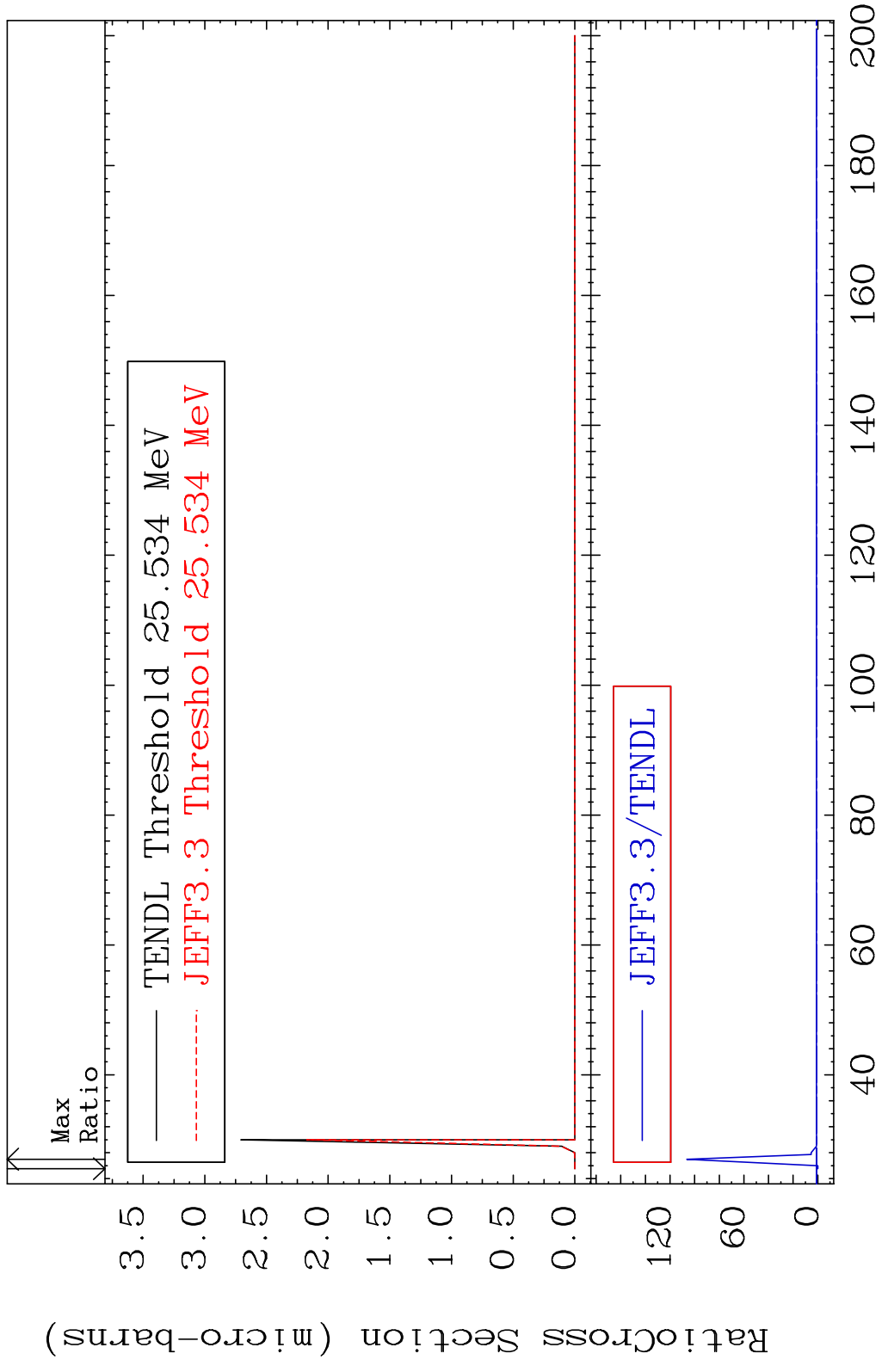
75 Incident Energy (eV) 36-Kr-85



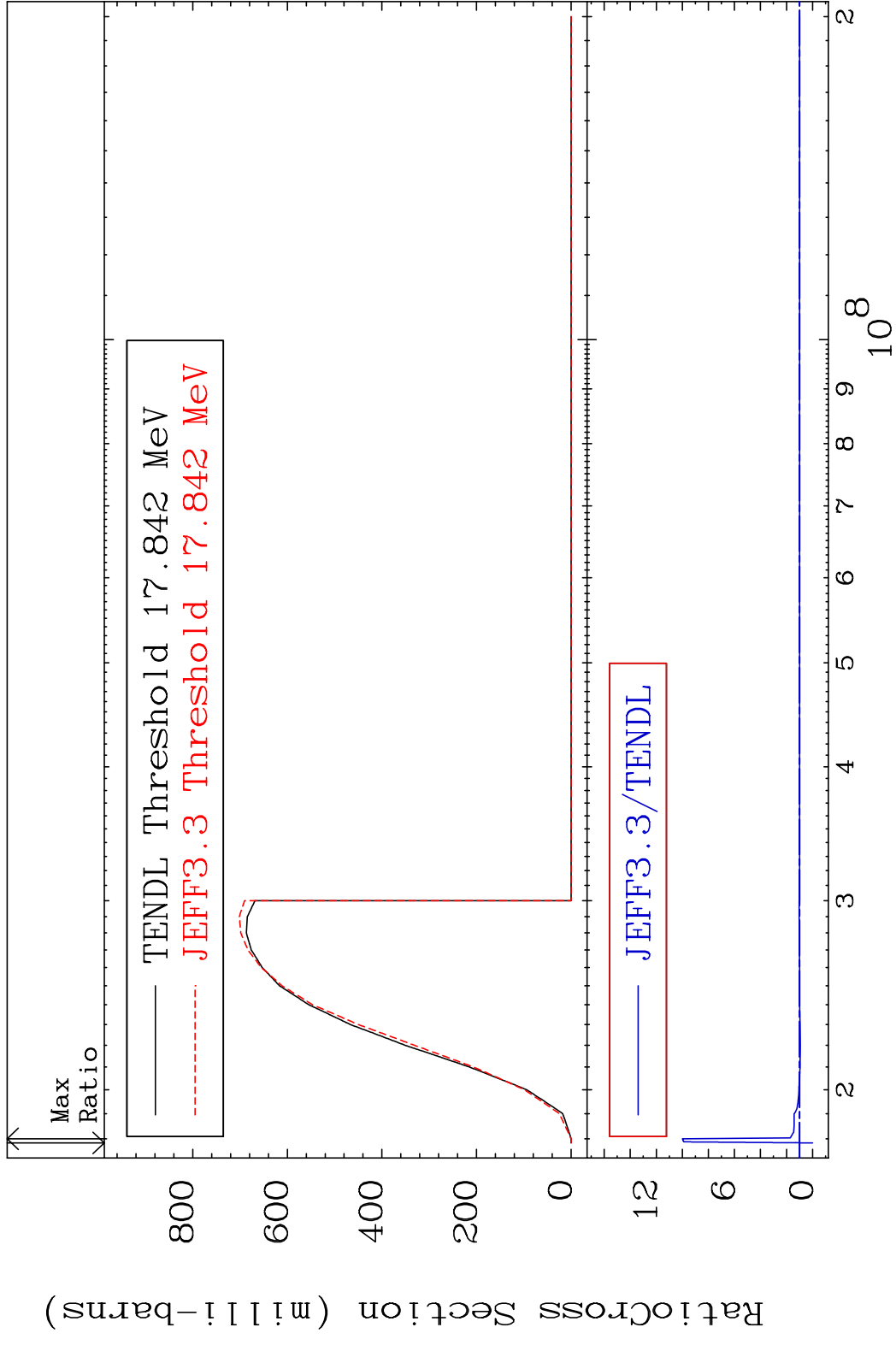
MAT 3646 (n,2n) d:35-Br-82g 36-Kr-85
 Radionuclide Production Cross Section 1800.0 dno 4702. %



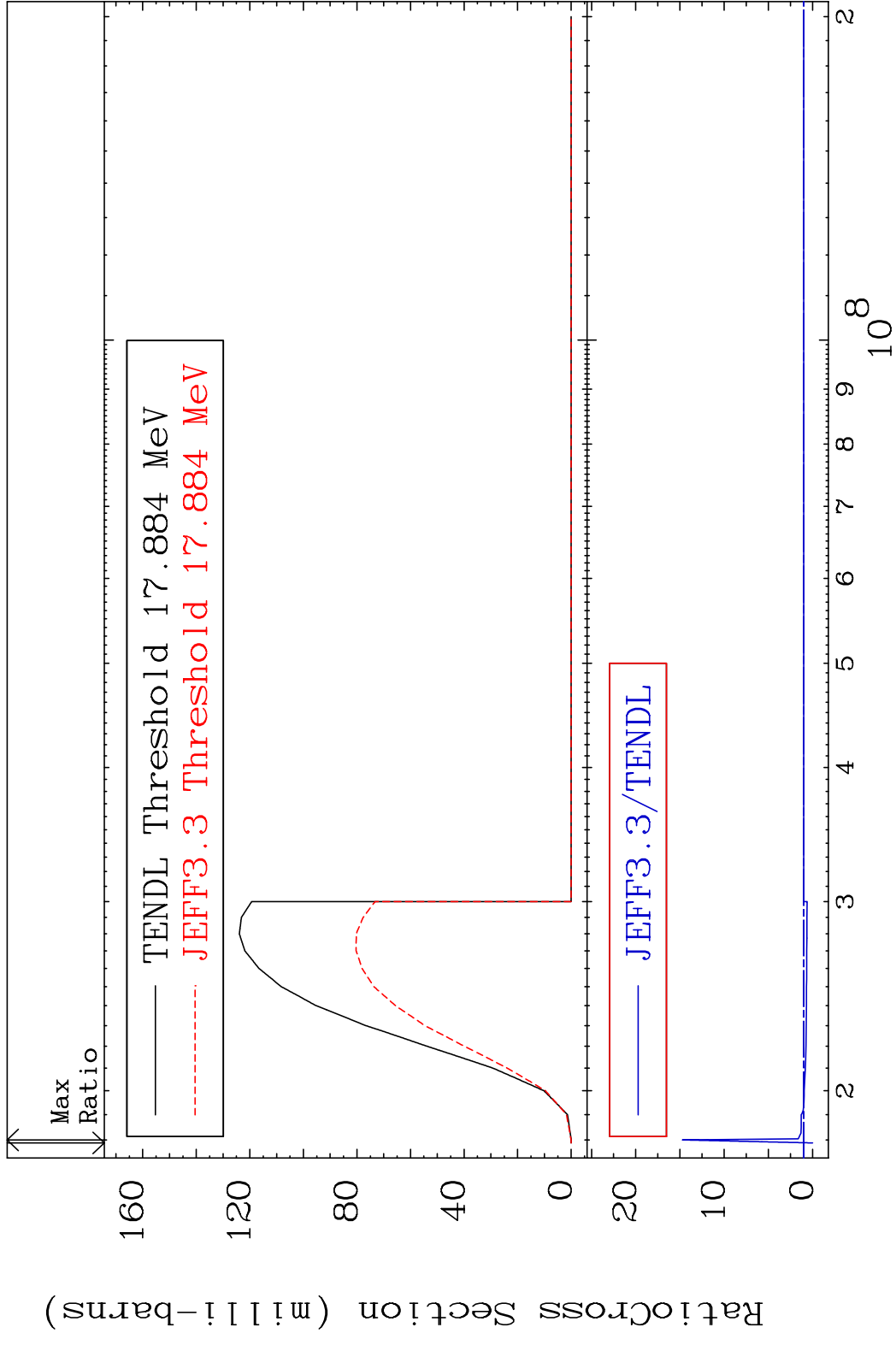
MAT 3646 (n,2n) d:35-Br-82m1 36-Kr-85
 Radionuclide Production Cross Section 100.00 % 9999. %



MAT 3646 (n,3n):36-Kr-83g 36-Kr-85
 Radionuclide Production Cross Section Ratio 899.9 %

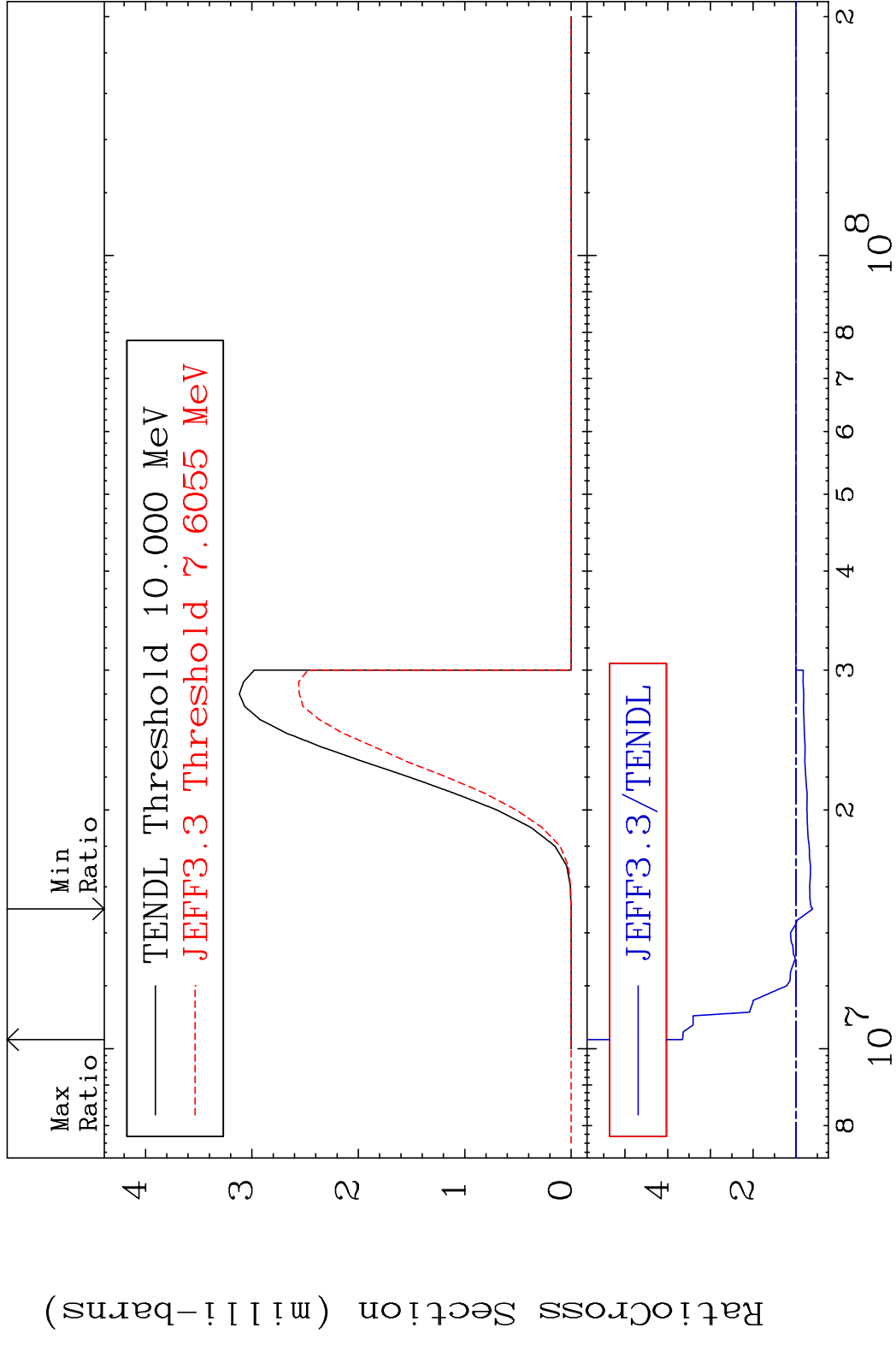


MAT 3646 (n,3n):36-Kr-83m2 36-Kr-85
 Radionuclide Production Cross Section Ratio 1373. %

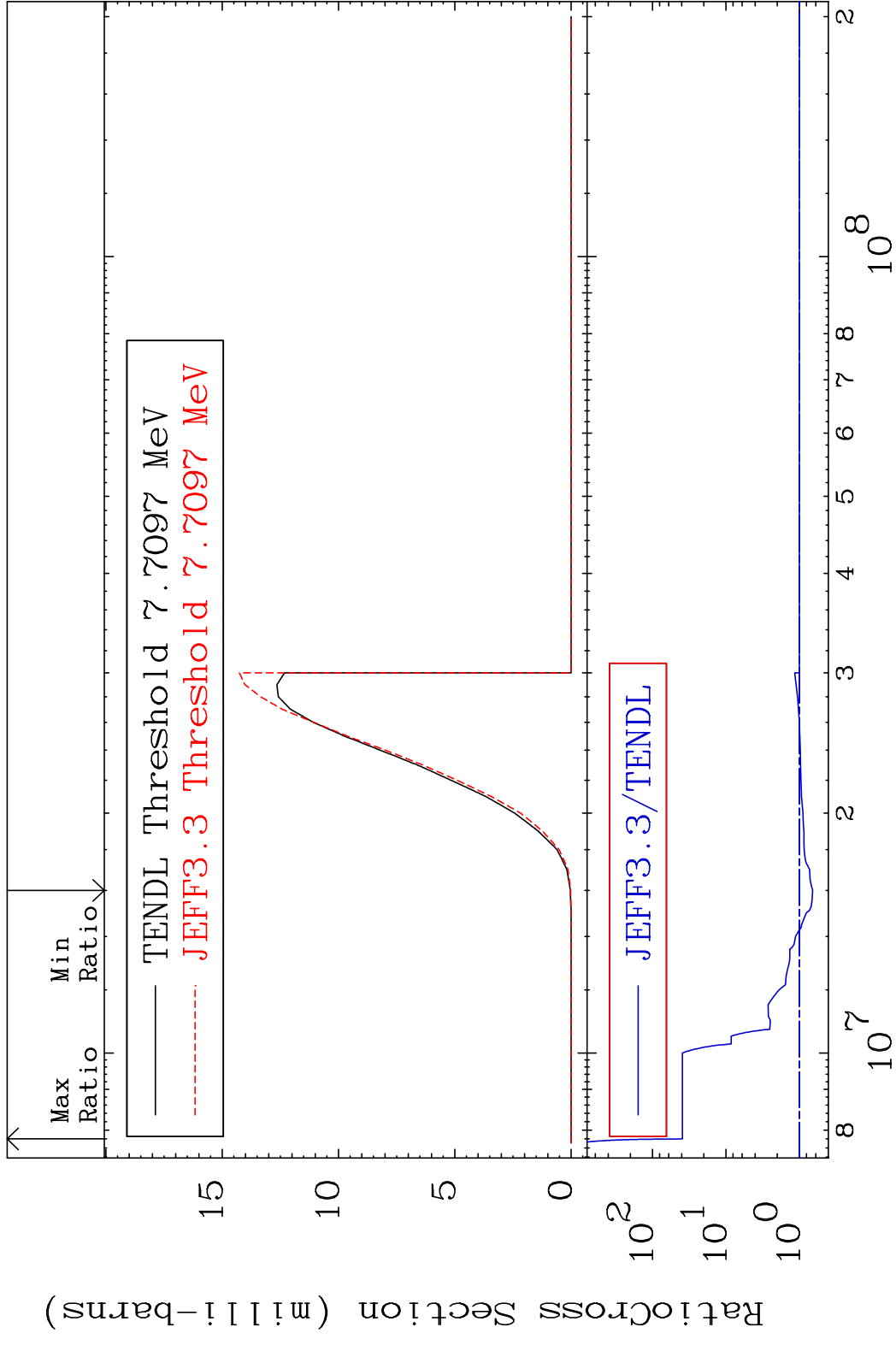


80 36-Kr-85

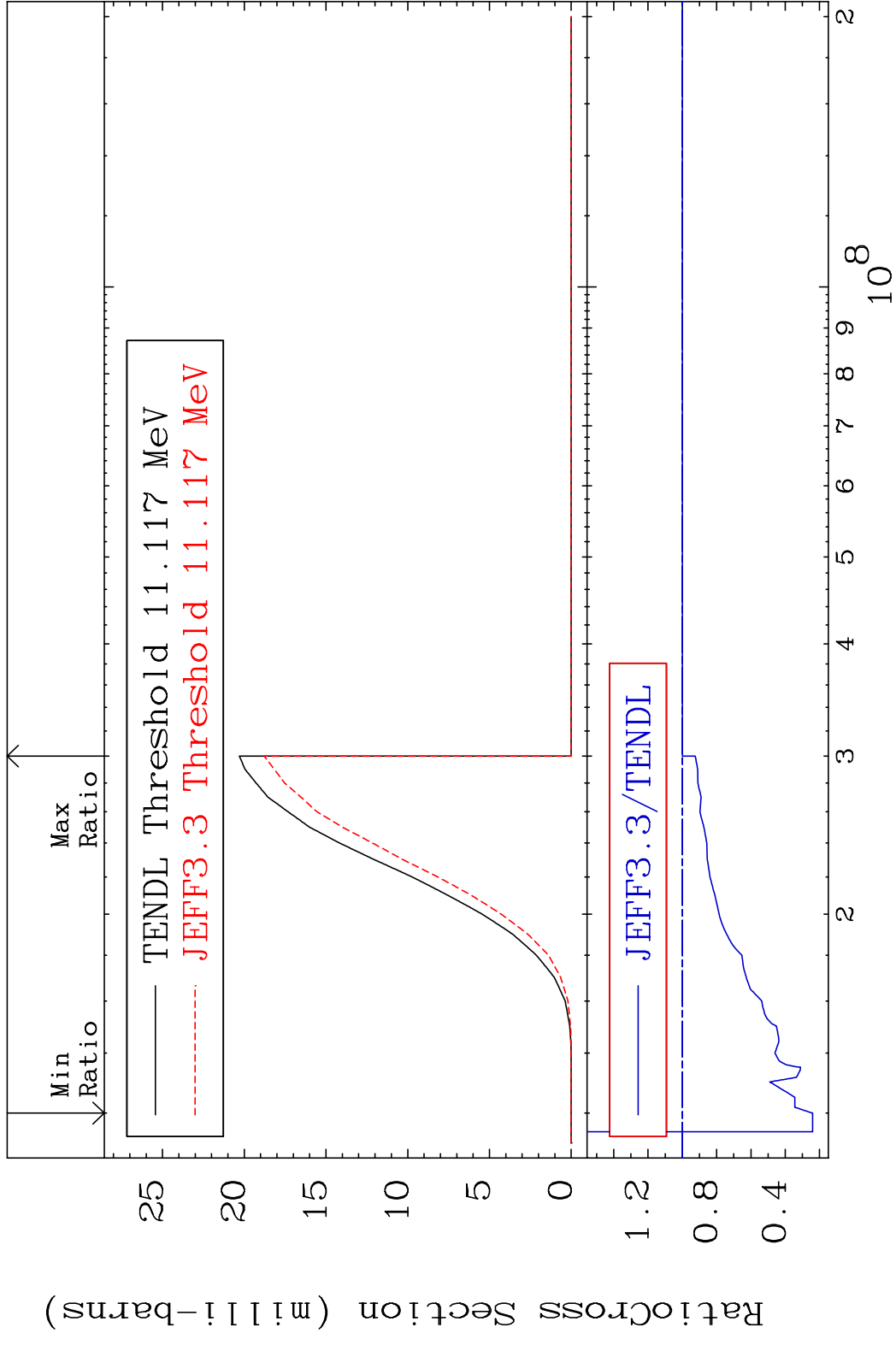
MAT 3646 (n, n') α :34-Se-81g 36-Kr-85
 Radionuclide Production Cross Section 38e-23 dno 265.8 %

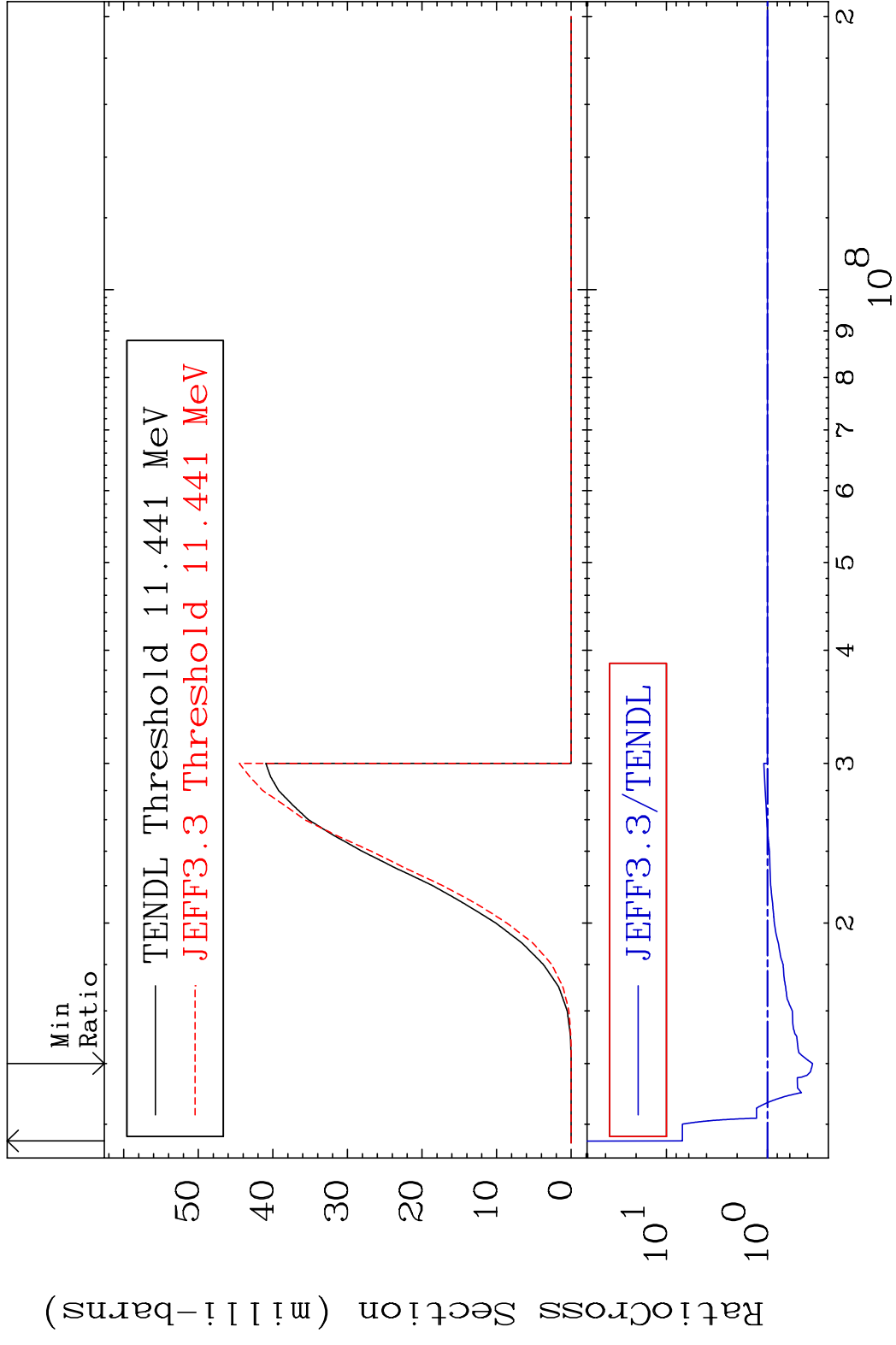


MAT 3646 (n, n') α :34-Se-81m1 36-Kr-85
 Radionuclide Production Cross Section 3823. %

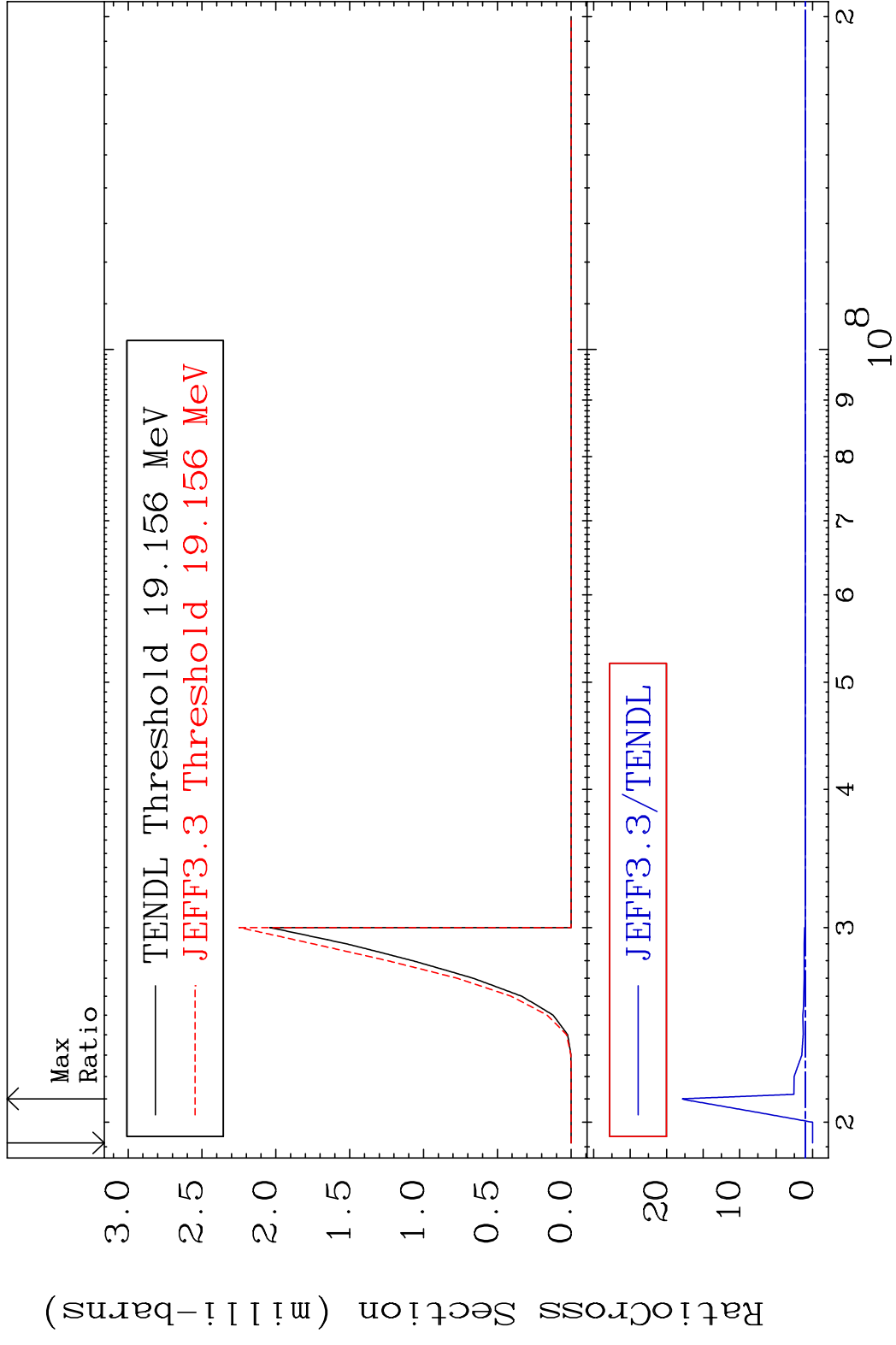


MAT 3646 (n, n') p:35-Br-84g 36-Kr-85
 Radionuclide Production Cross Section 0.000 %

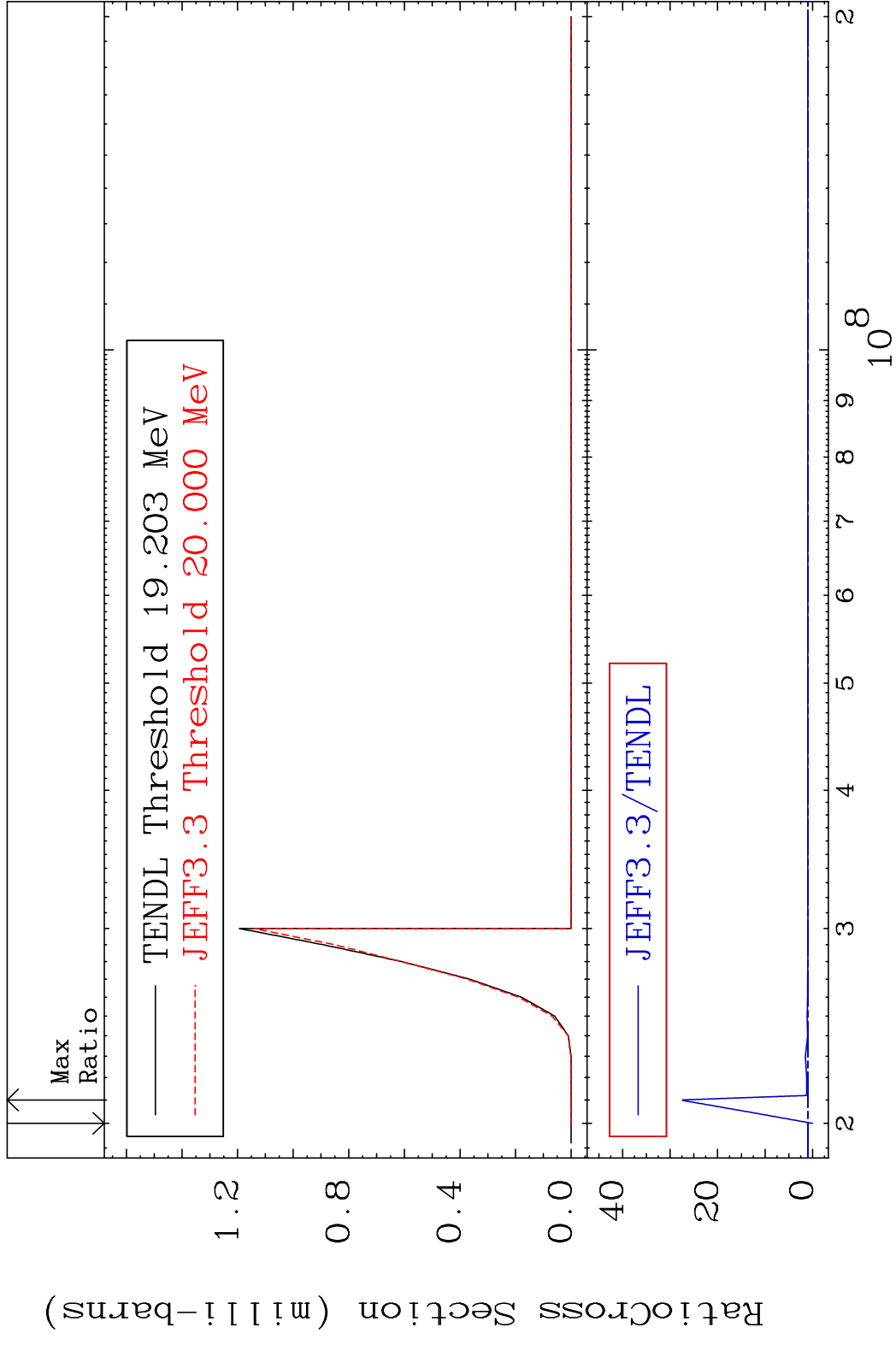


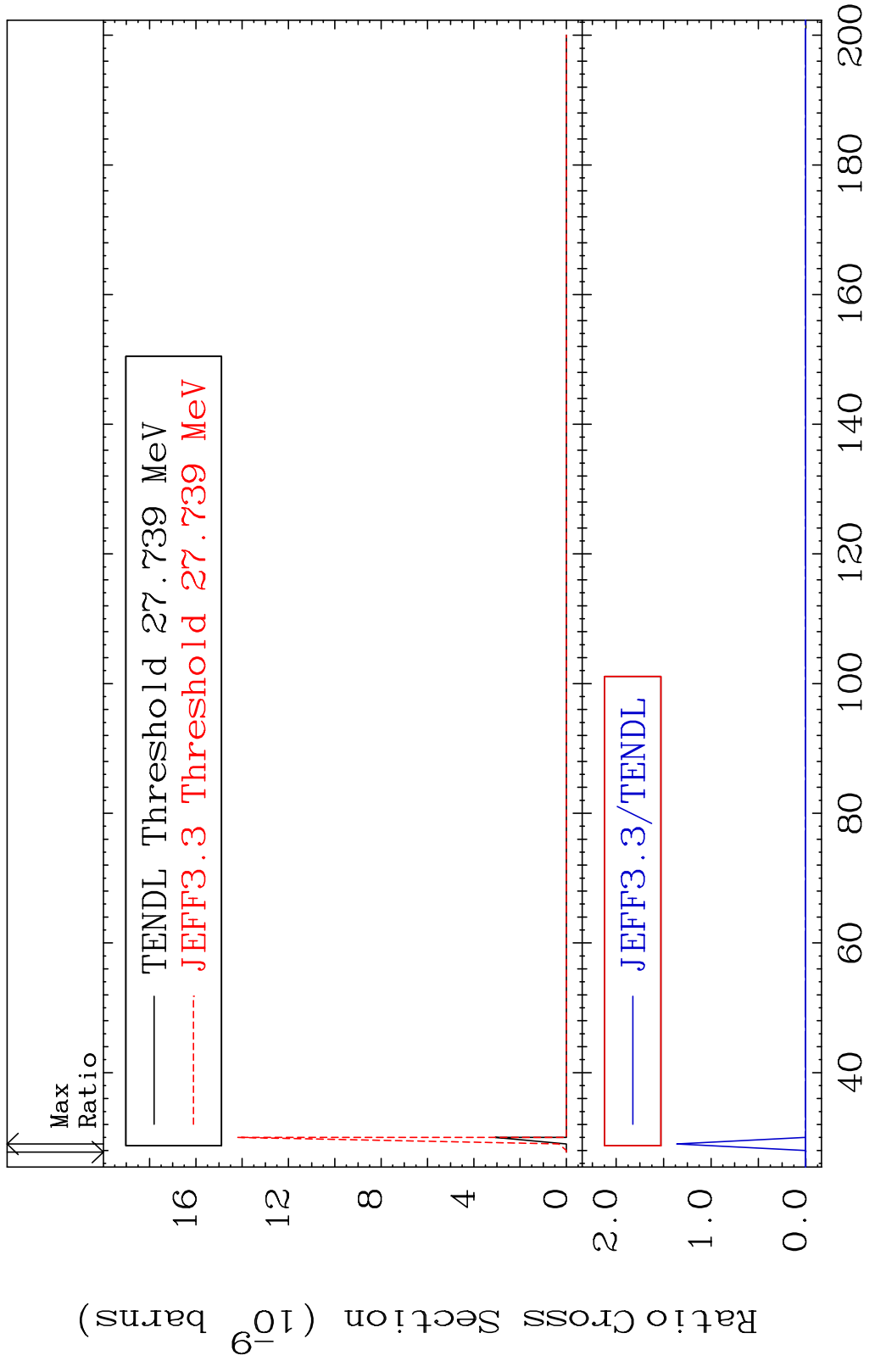


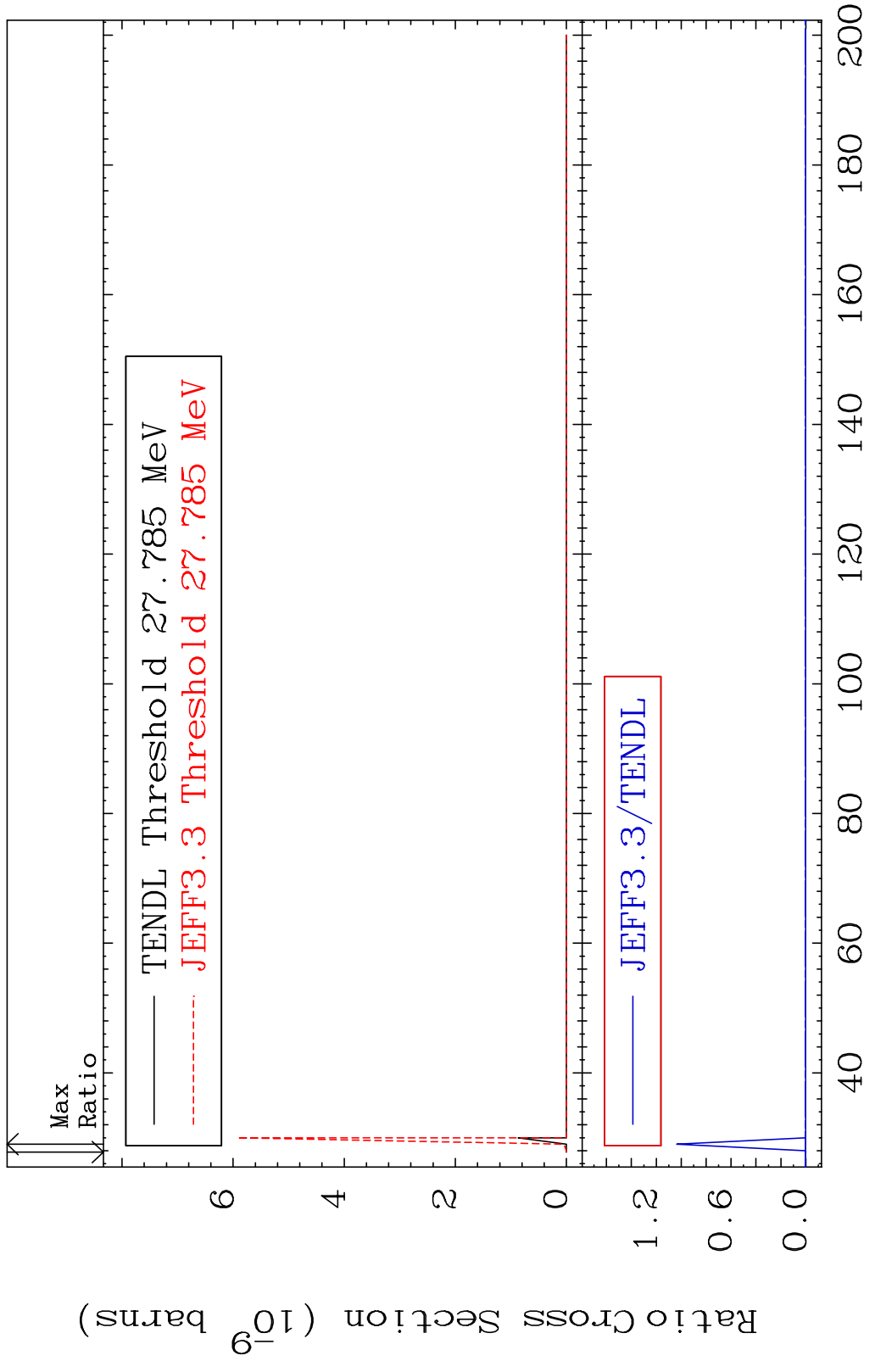
MAT 3646 (n, n') t:35-Br-82g 36-Kr-85
 Radionuclide Production Cross Section 180.01 dth 1684. %



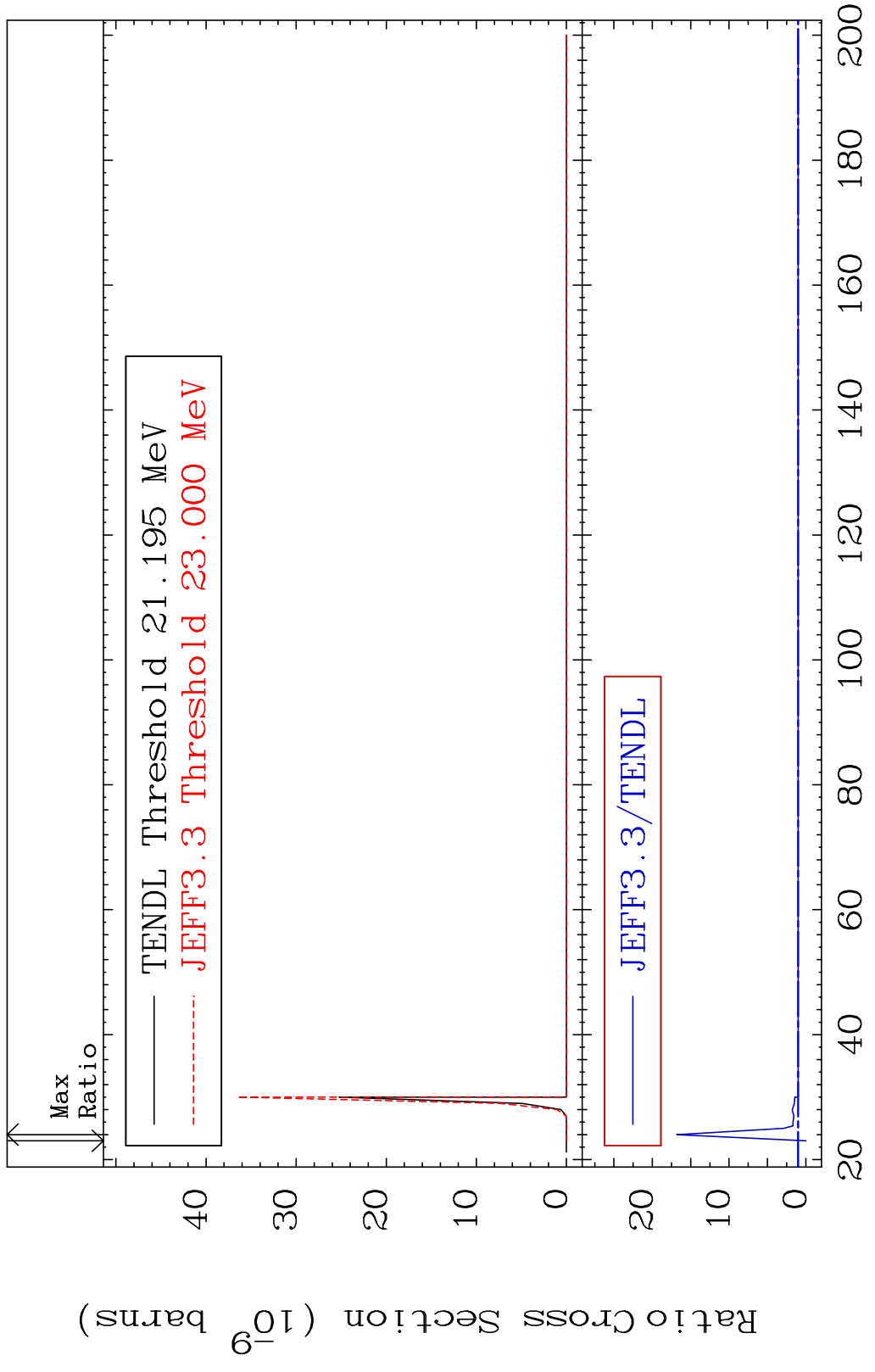
MAT 3646 (n, n') t:35-Br-82m1 36-Kr-85
 Radionuclide Production Cross Section Ratio 100.00 to 2643. %



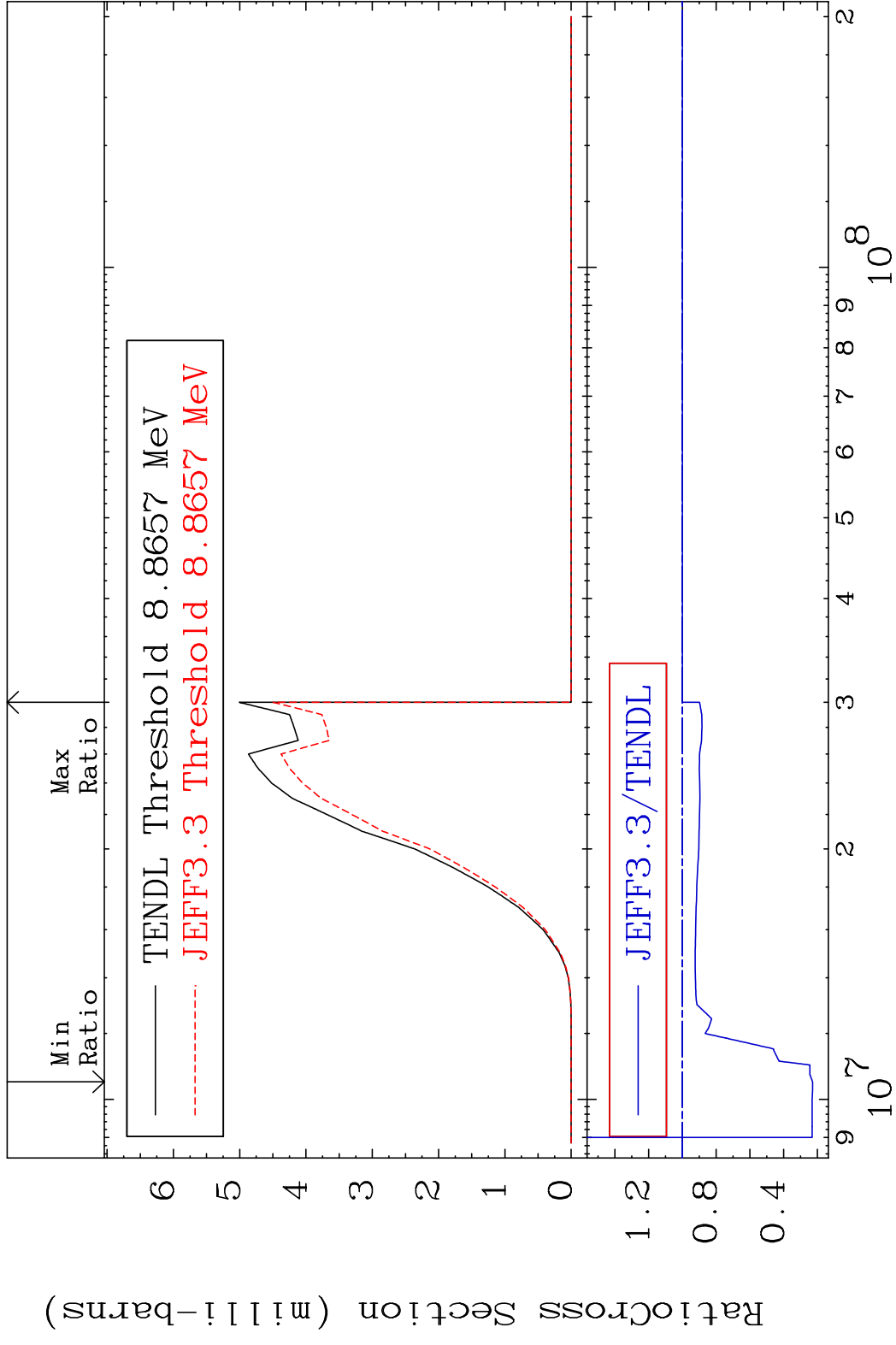




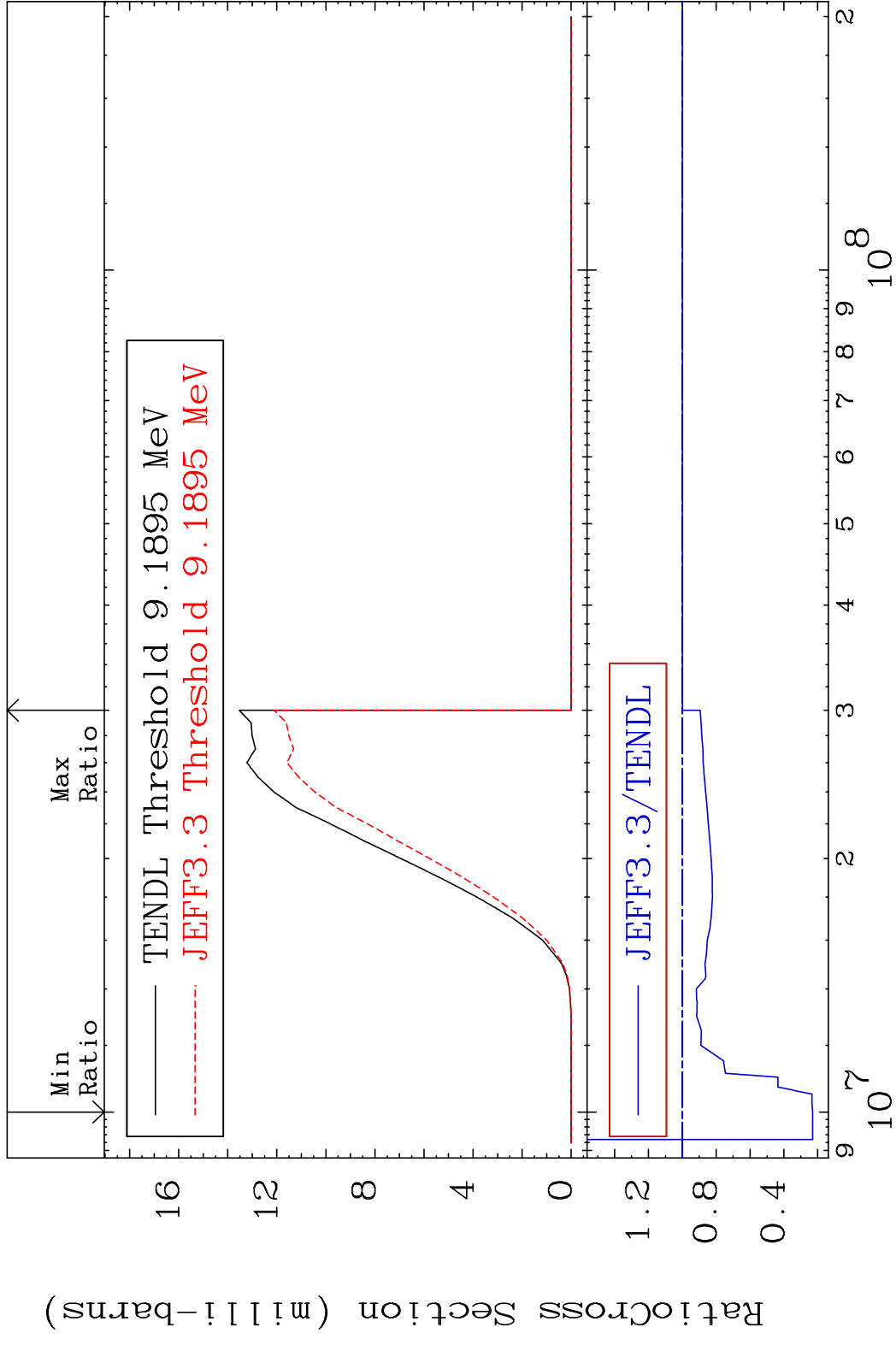
MAT 3646 (n,2n) p:34-Se-83m1 36-Kr-85
 Radionuclide Production Cross Section 1800.0 dno 1583. %



90 Incident Energy (MeV) 36-Kr-85



MAT 3646 (n, d):35-Br-84m1 36-Kr-85
 Radionuclide Production Cross Section 0.000 %



92 36-Kr-85

