

Program Complot
(Version 2021-1)

by

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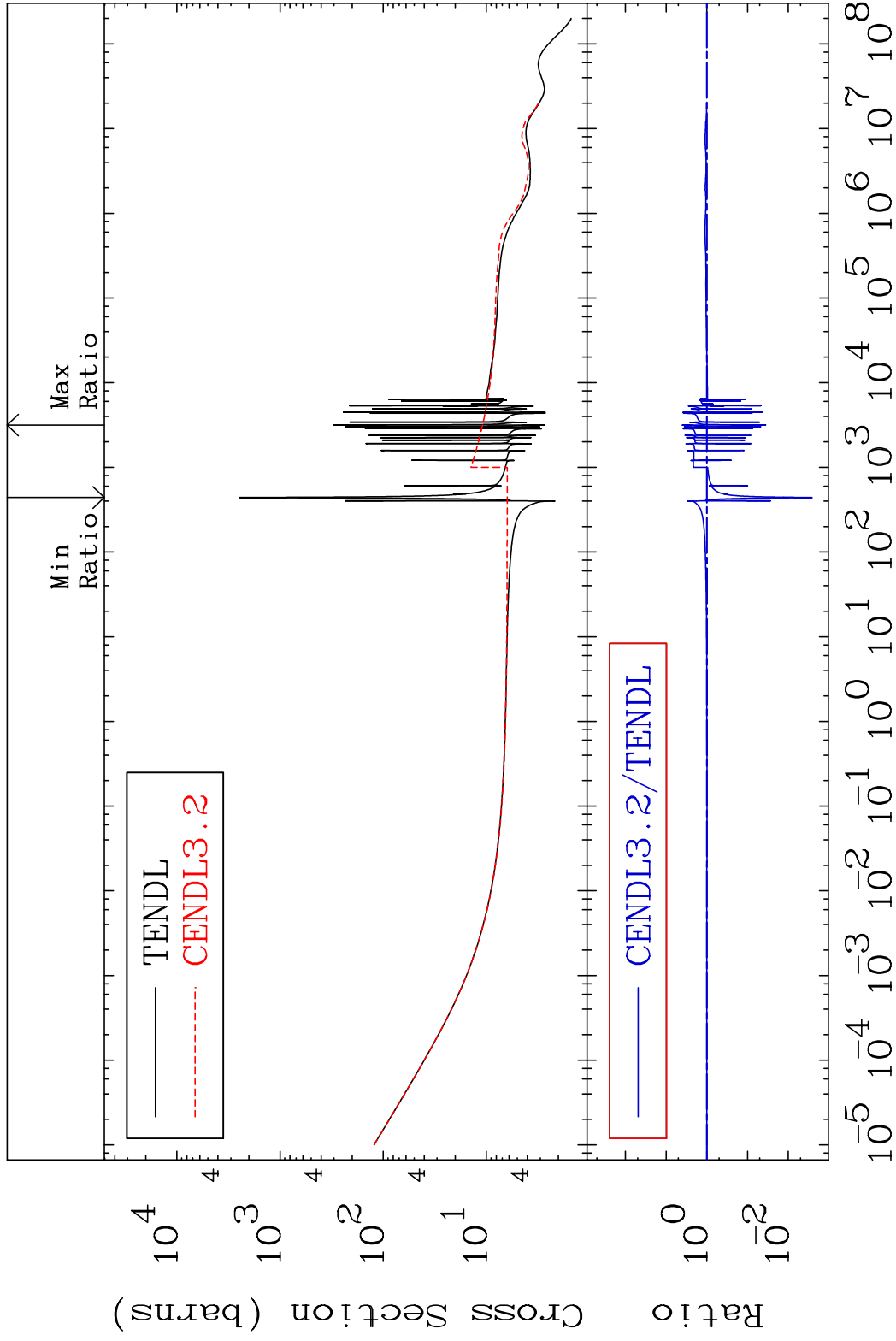
Press Mouse Button to Start

MAT 3646

Total

36-Kr-85

Cross Section -99.75 To 299.3 %



1

Incident Energy (eV)

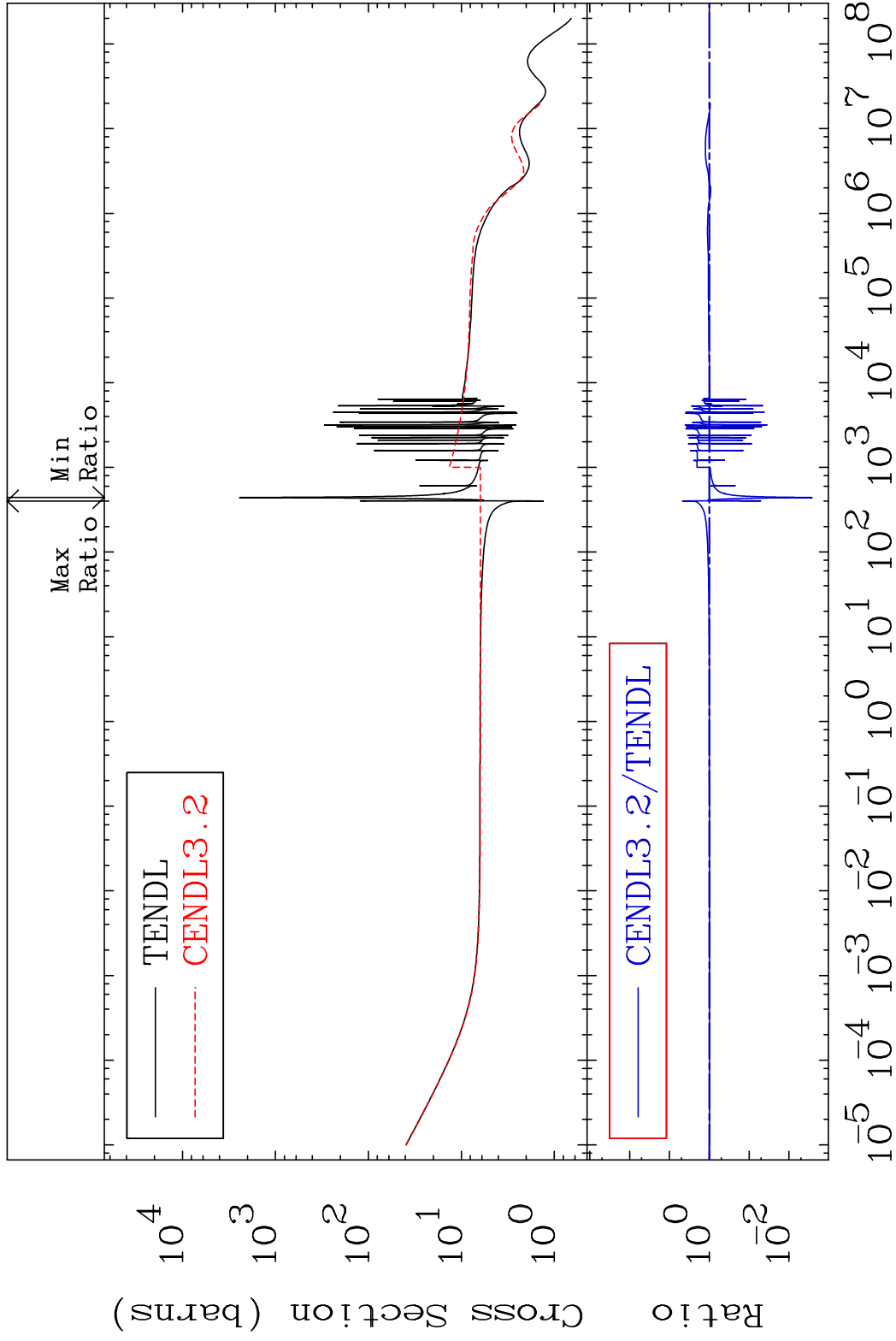
36-Kr-85

MAT 3646

Elastic

36-Kr-85

Cross Section -99.74 To 375.2 %



2

Incident Energy (eV)

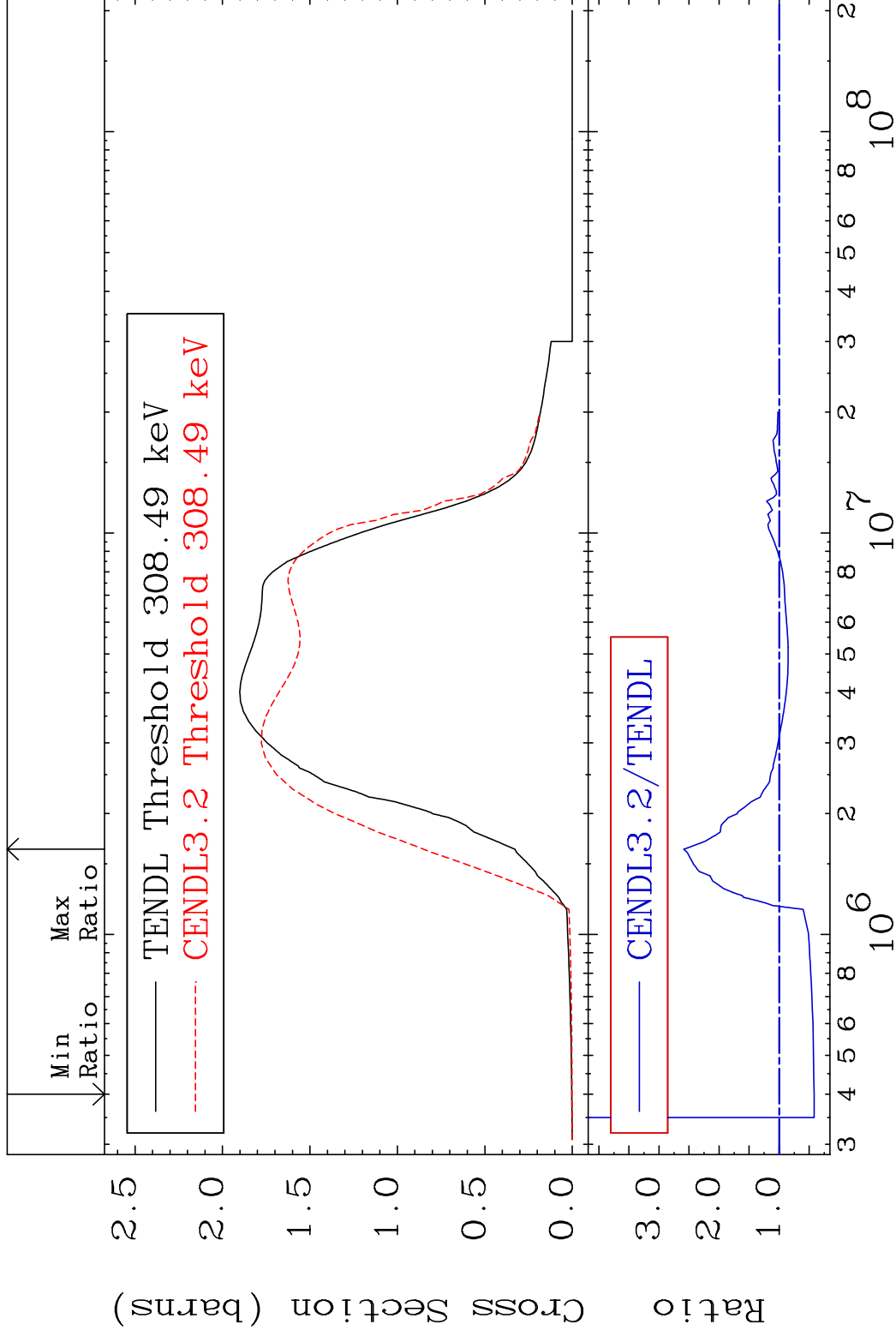
36-Kr-85

MAT 3646

Inelastic

³⁶Kr-85

Cross Section -58.16 To 158.9 %

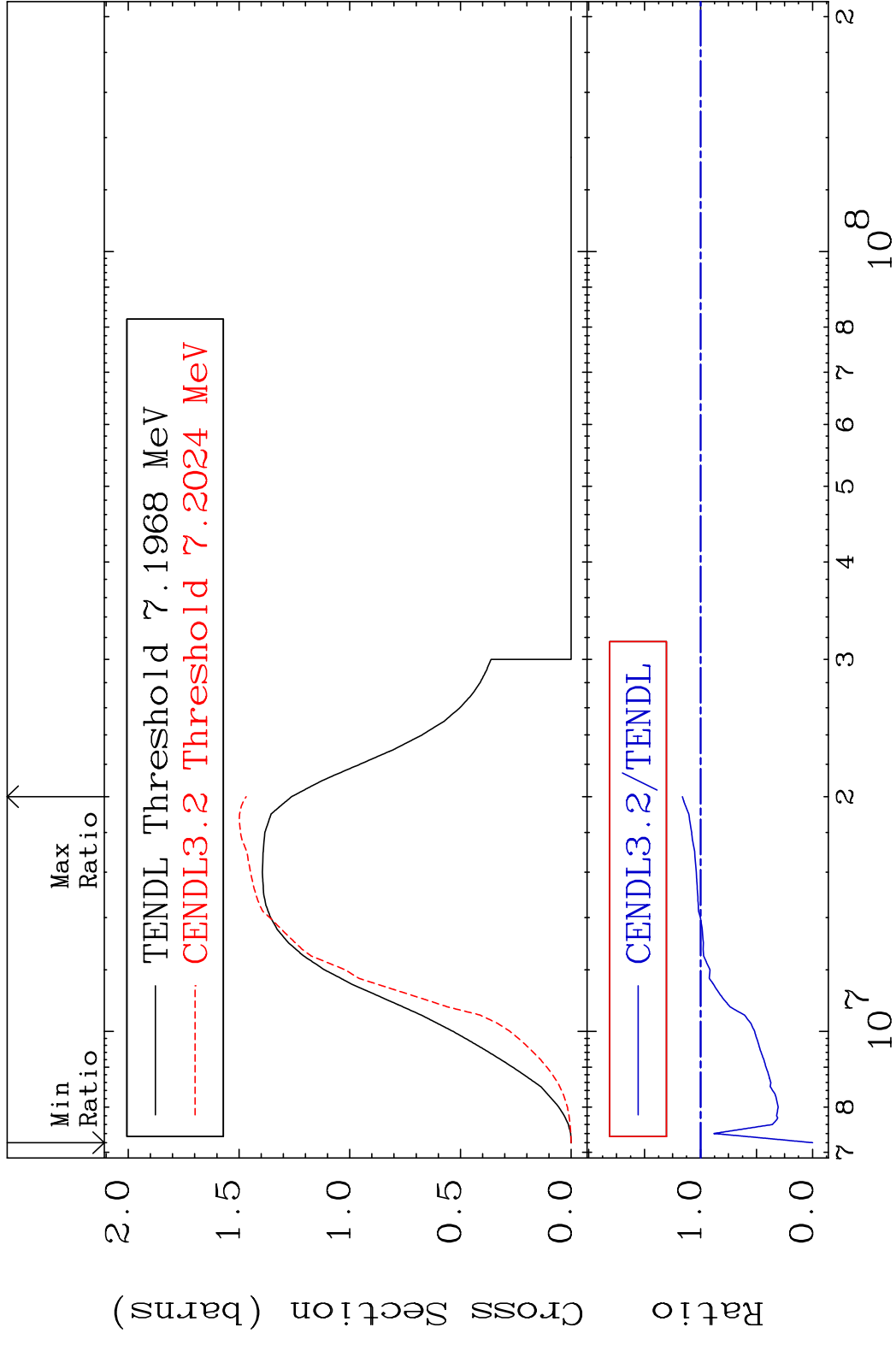


3

Incident Energy (eV)

³⁶Kr-85

MAT 3646 (n,2n) 36-Kr-85
 Cross Section -100.0 To 16.26 %



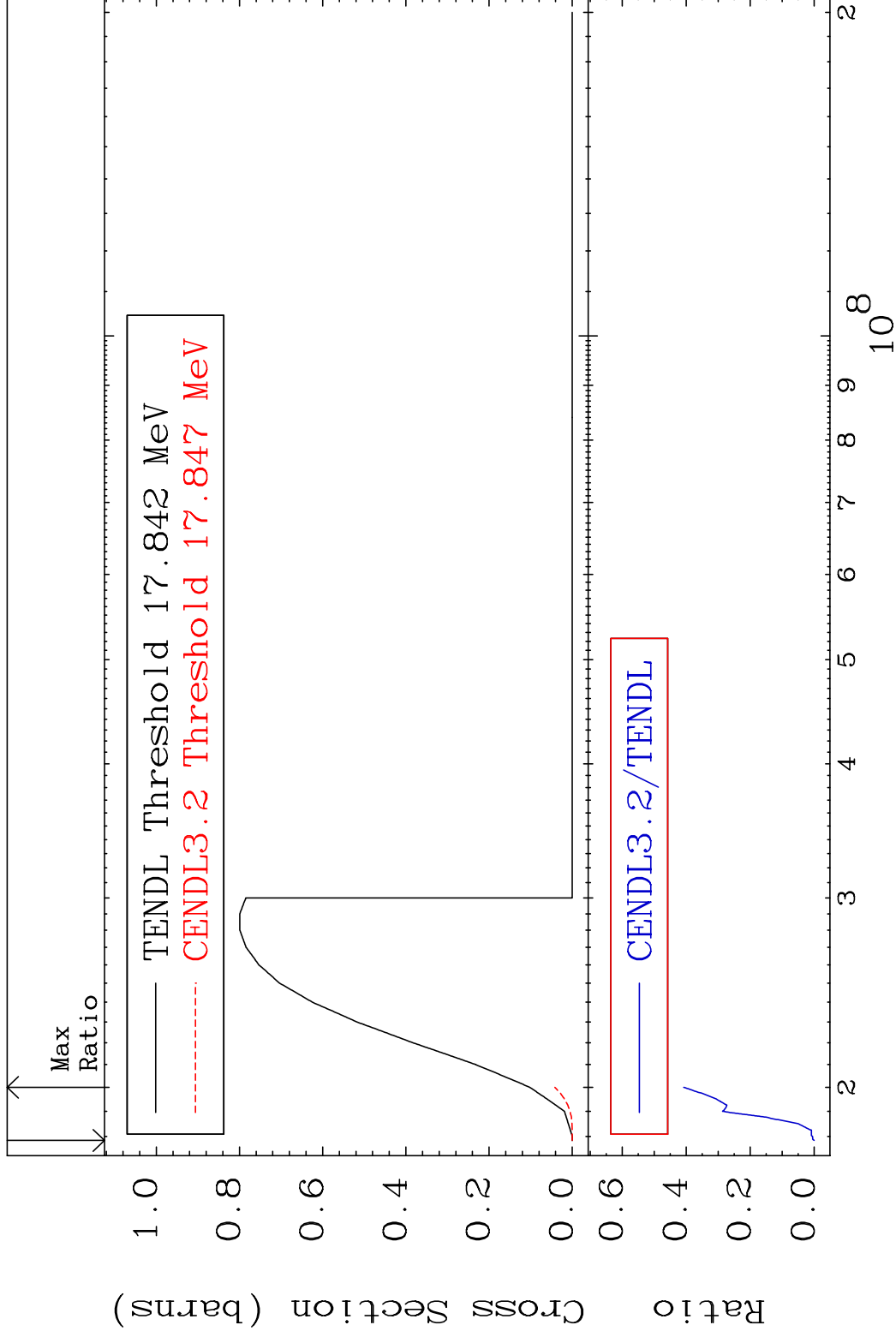
4 Incident Energy (eV) 36-Kr-85

MAT 3646

(n,3n)

36-Kr-85

Cross Section -100.0 To -59.22%

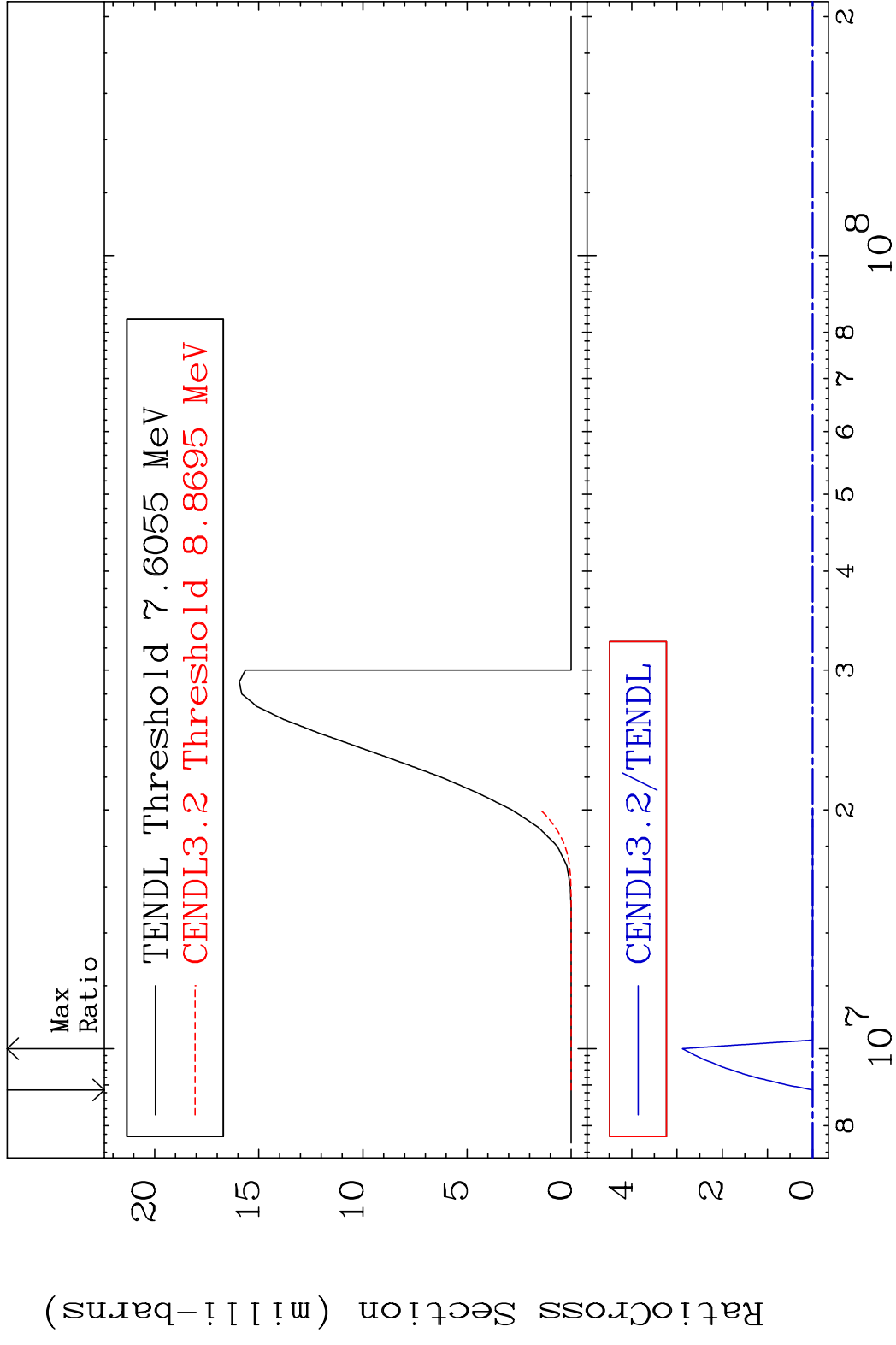


5

Incident Energy (eV)

36-Kr-85

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



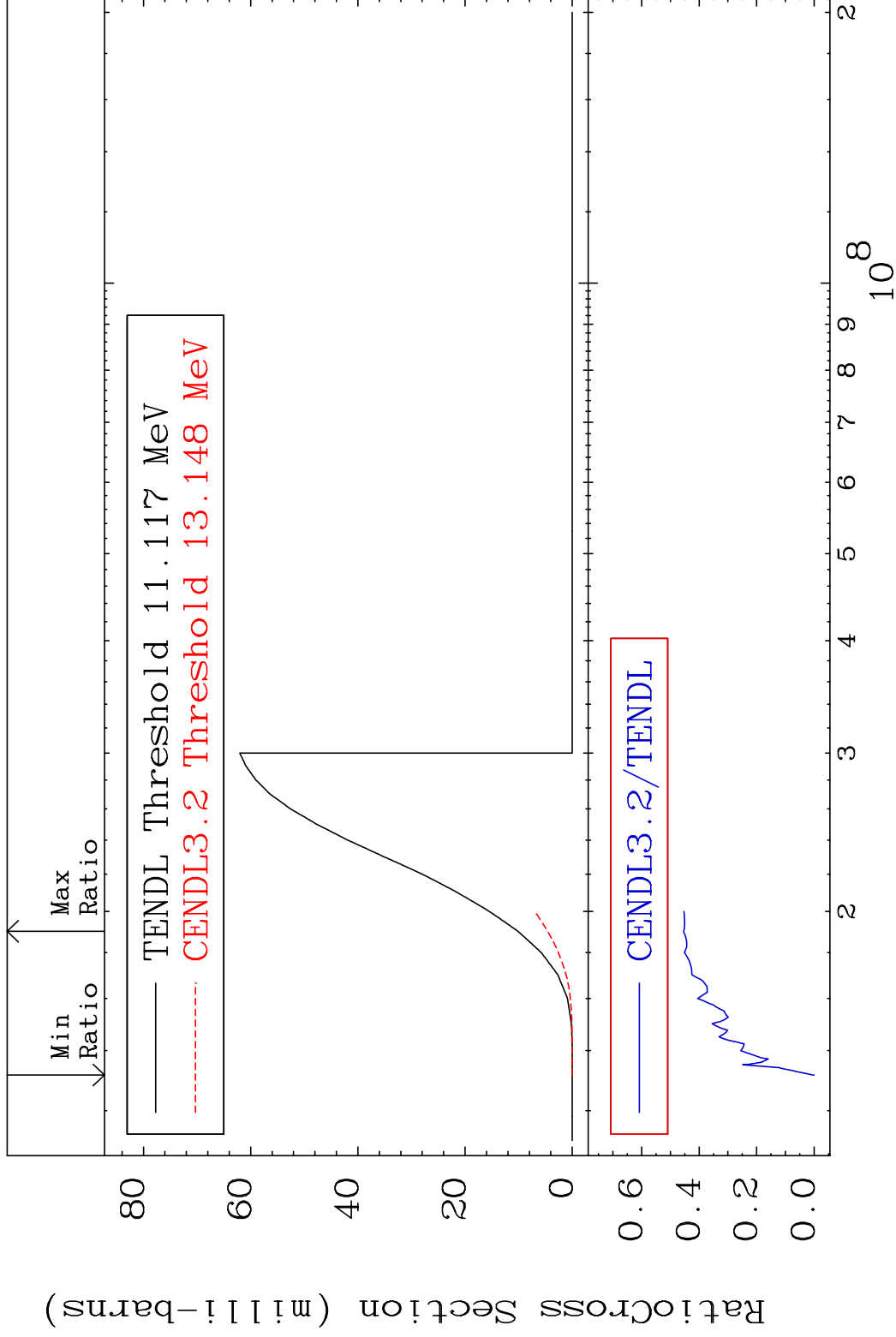
6 Incident Energy (eV) 36-Kr-85

MAT 3646

(n, n') p

36-Kr-85

Cross Section -100.0 To -54.61%

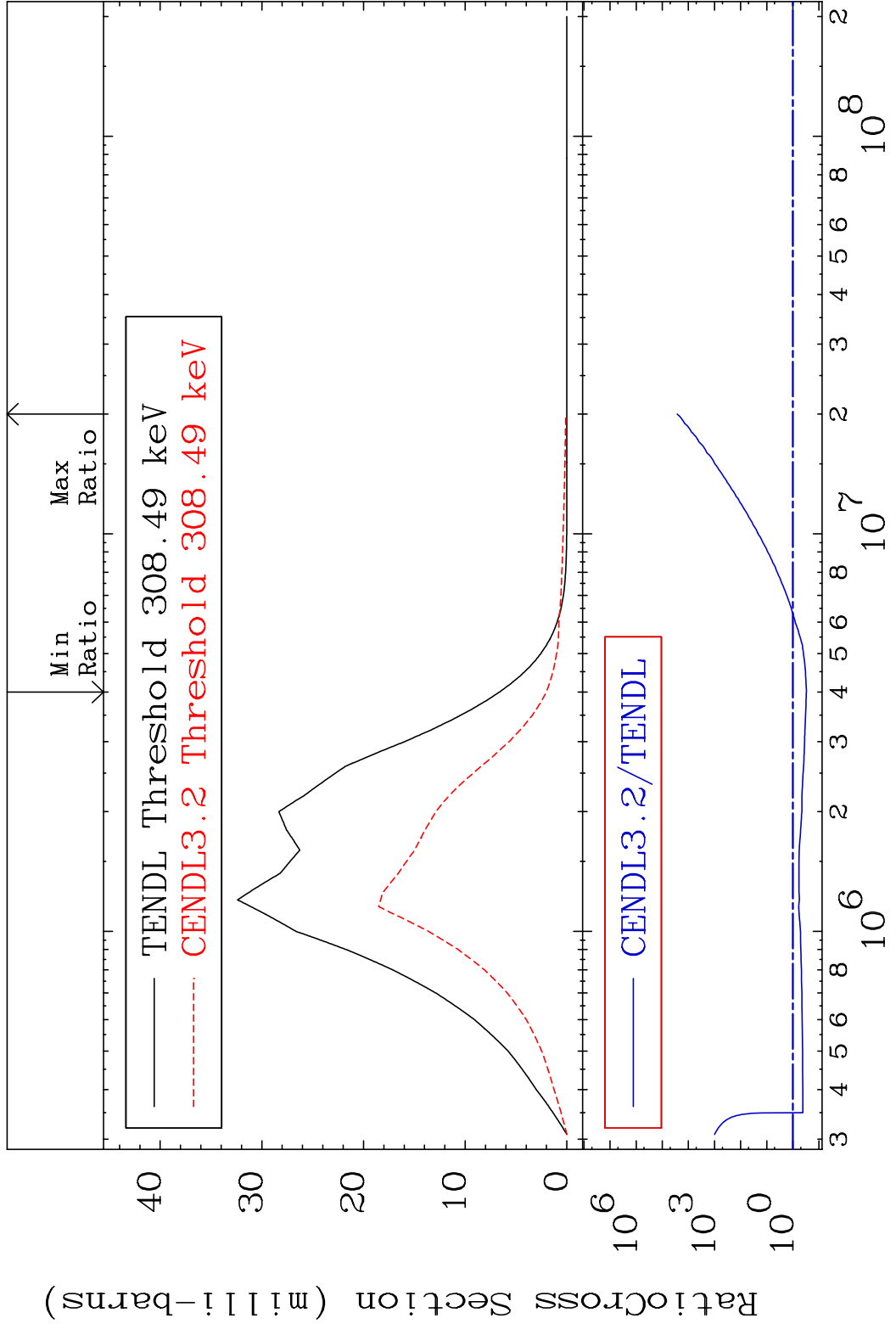


7

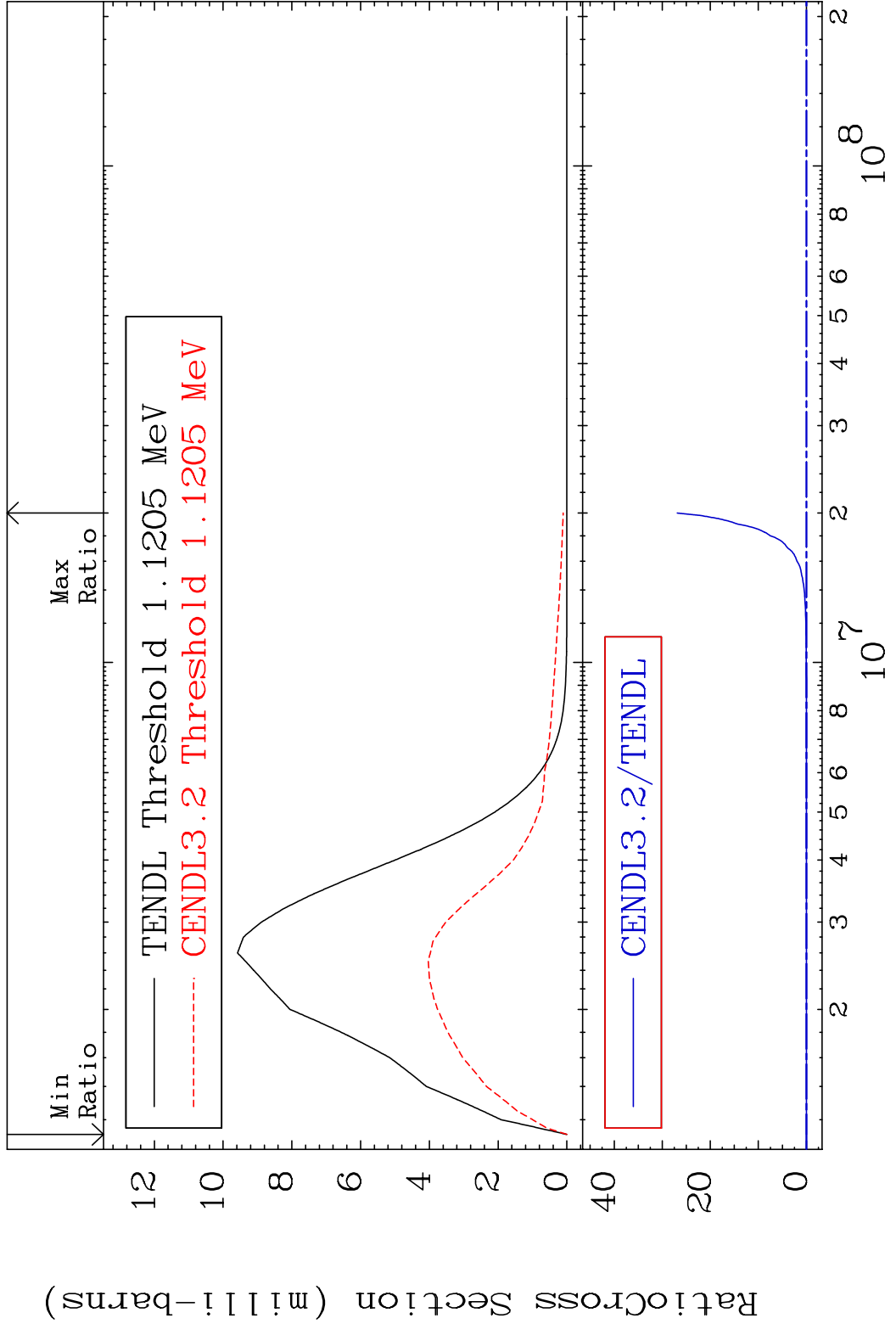
Incident Energy (eV)

36-Kr-85

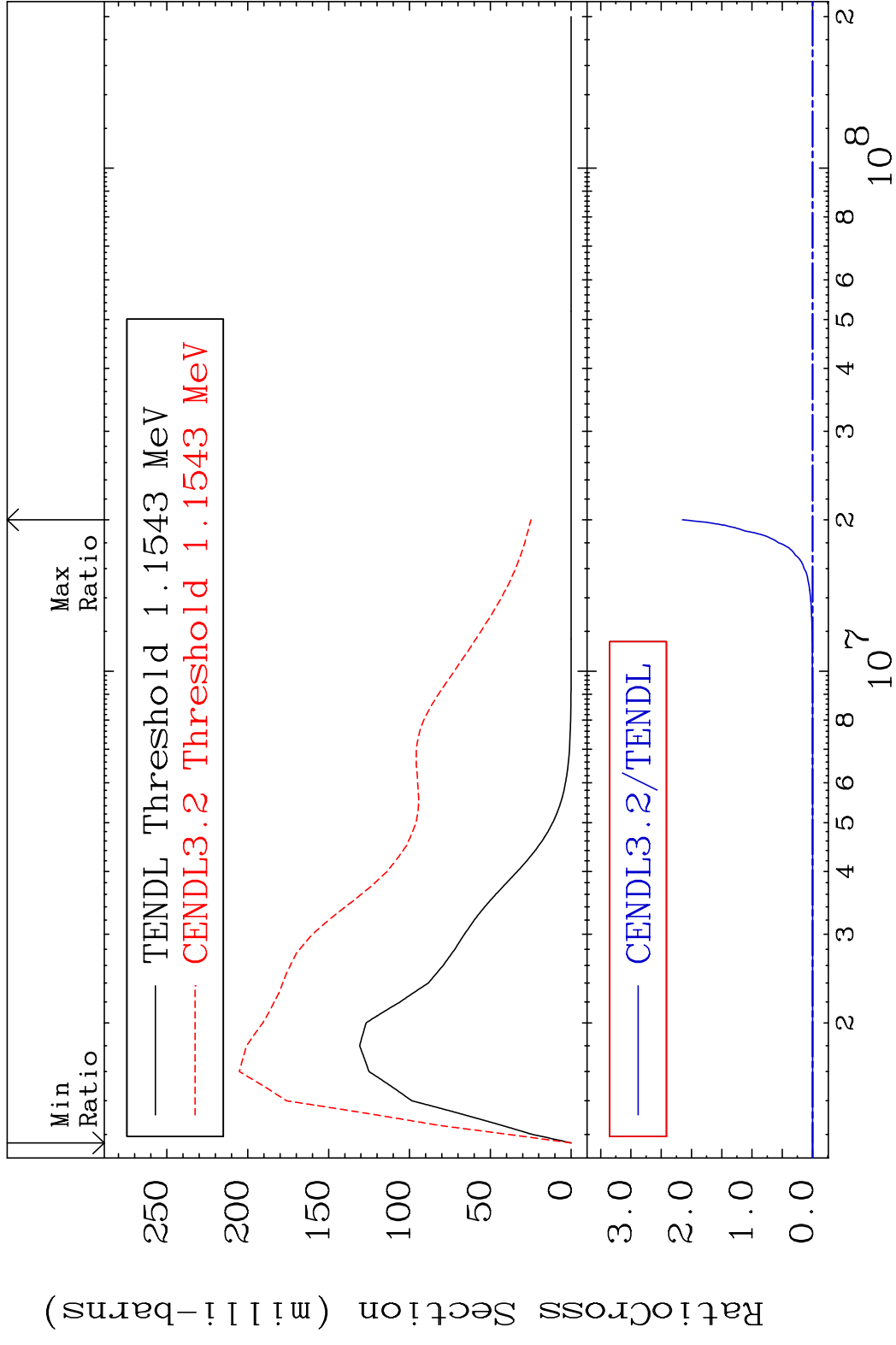
MAT 3646 MT= 51 (n, n') Level 36-Kr-85
 Cross Section -69.68 To 9999. %



MAT 3646 MT= 52 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 9999. %

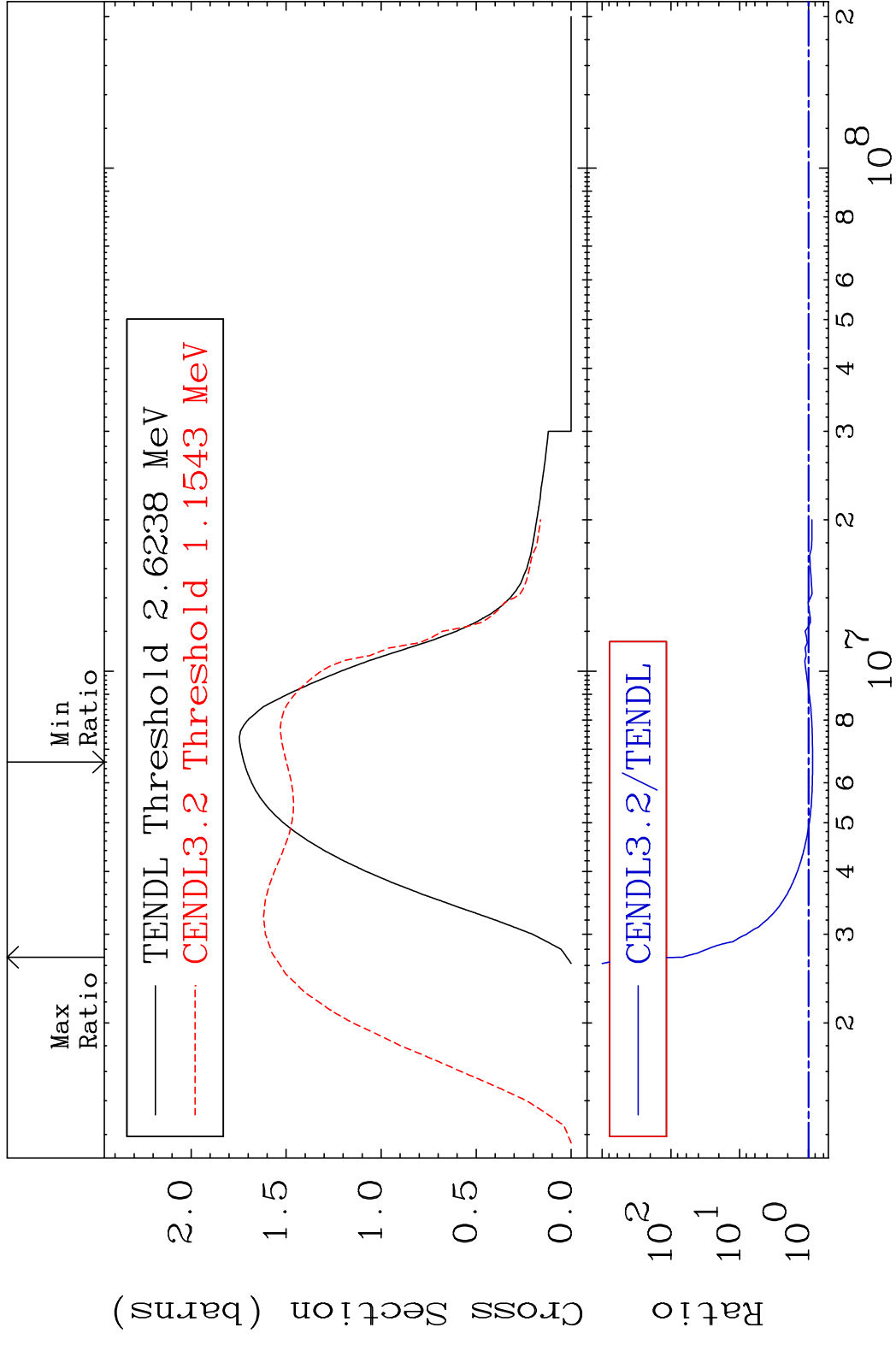


MAT 3646 MT= 53 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 9999. %



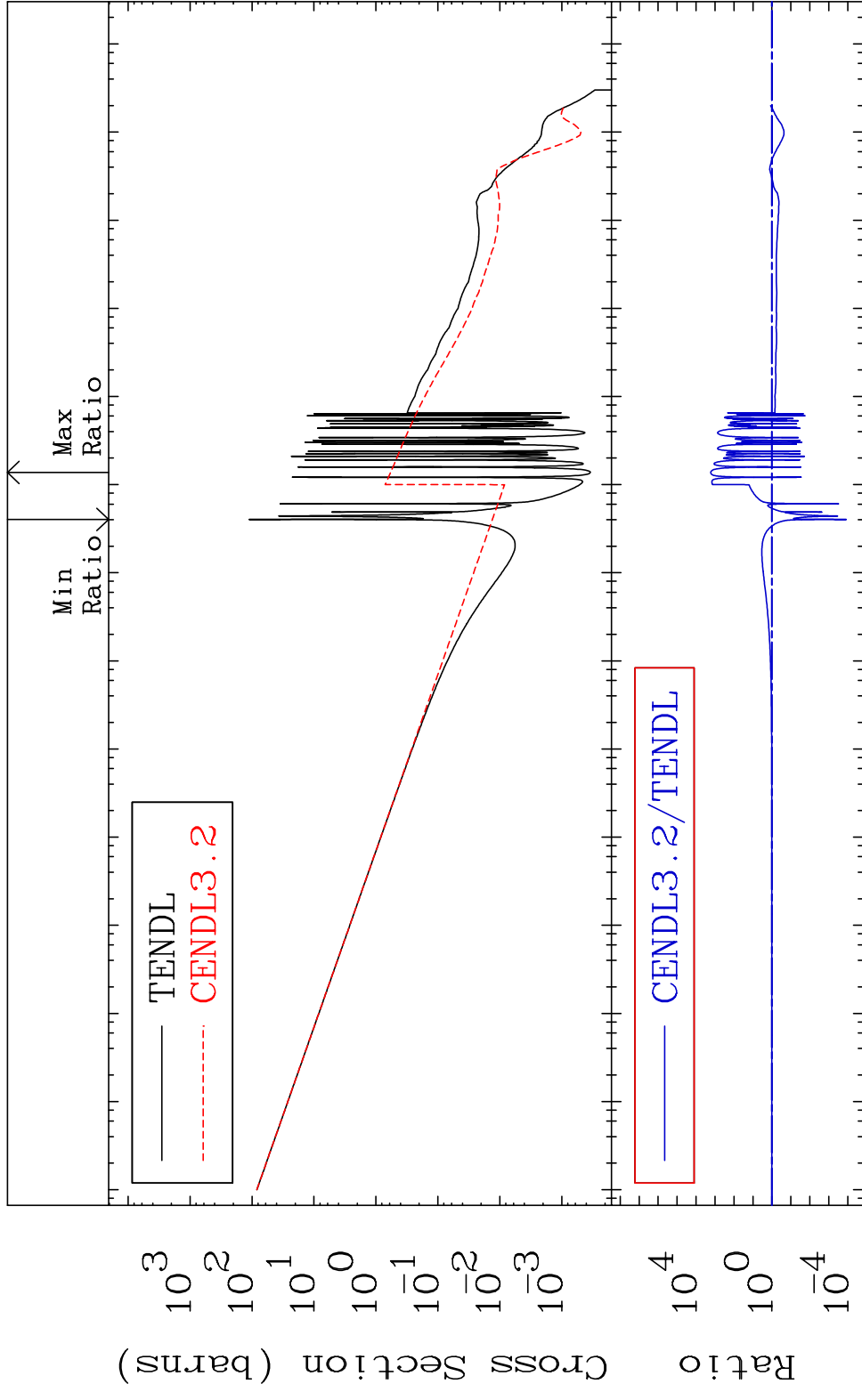
10 Incident Energy (eV) 36-Kr-85

MAT 3646 (n, n') Continuum 36-Kr-85
 Cross Section -12.98 To 6725. %

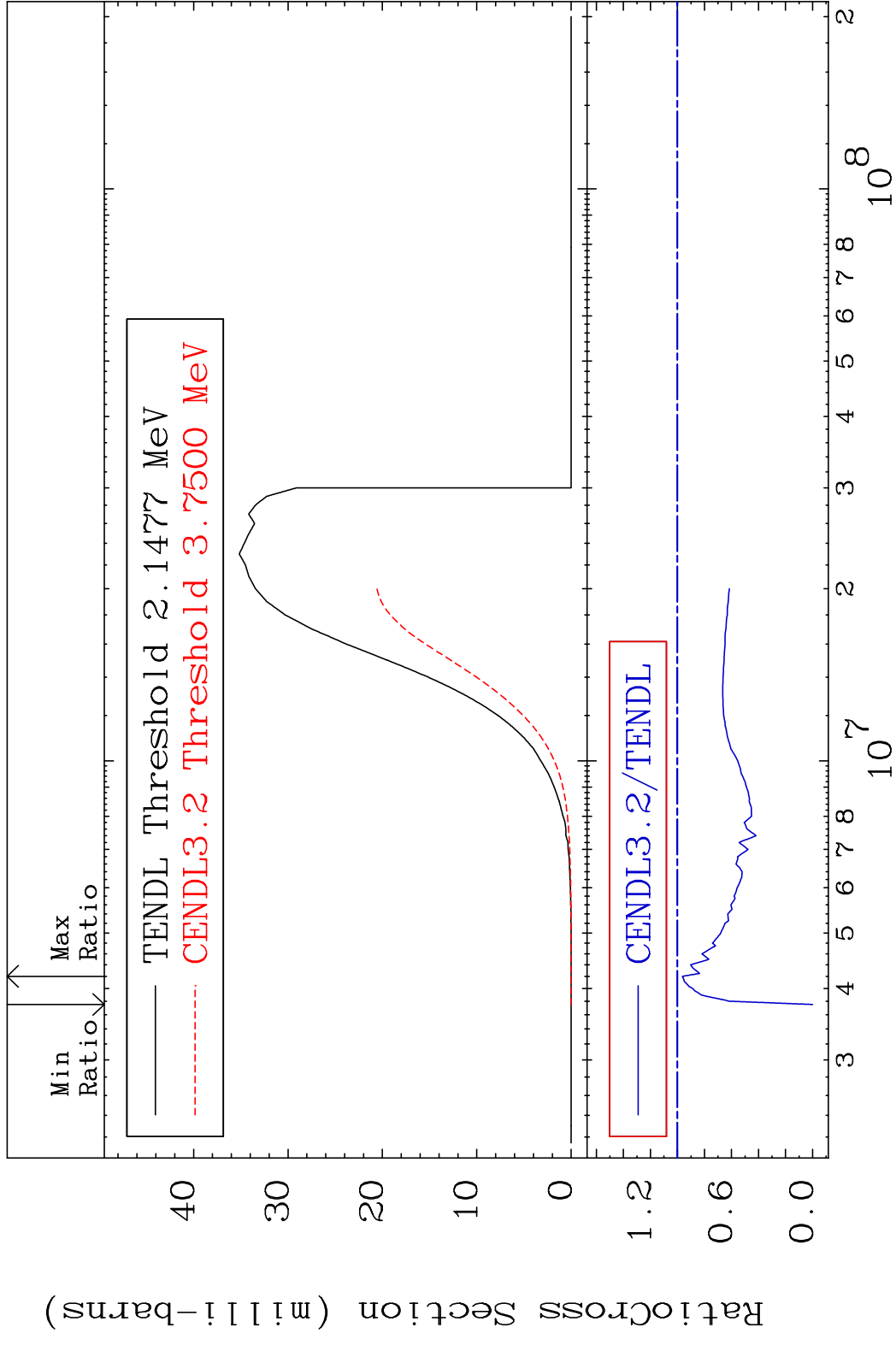


MAT 3646

(n, γ)
Cross Section -99.99 To 9999. %
36-Kr-85



MAT 3646 (n,p) 36-Kr-85
 Cross Section -100.0 To -3.634%

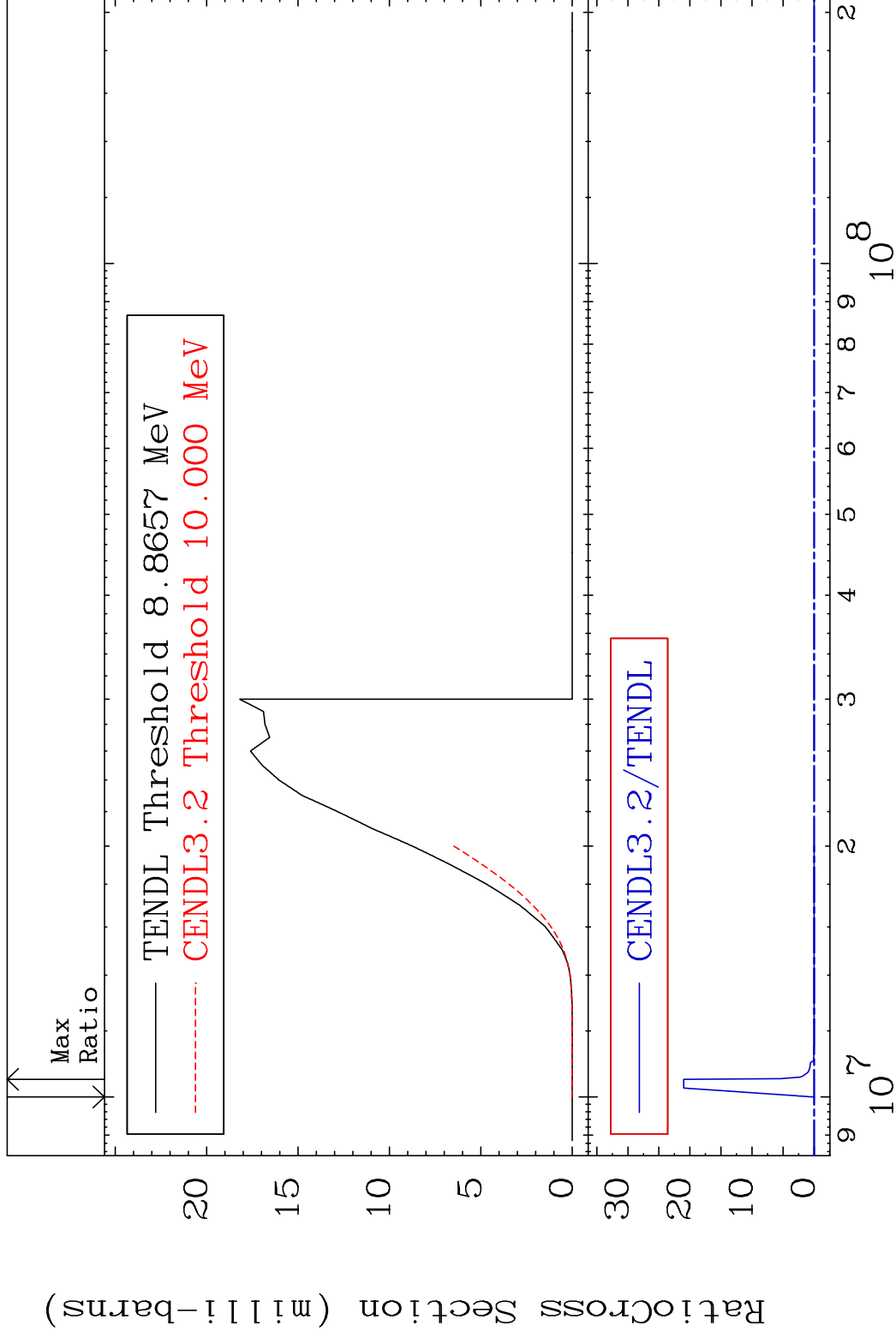


MAT 3646

(n,d)

36-Kr-85

Cross Section -100.0 To 9999. %



14

Incident Energy (eV)

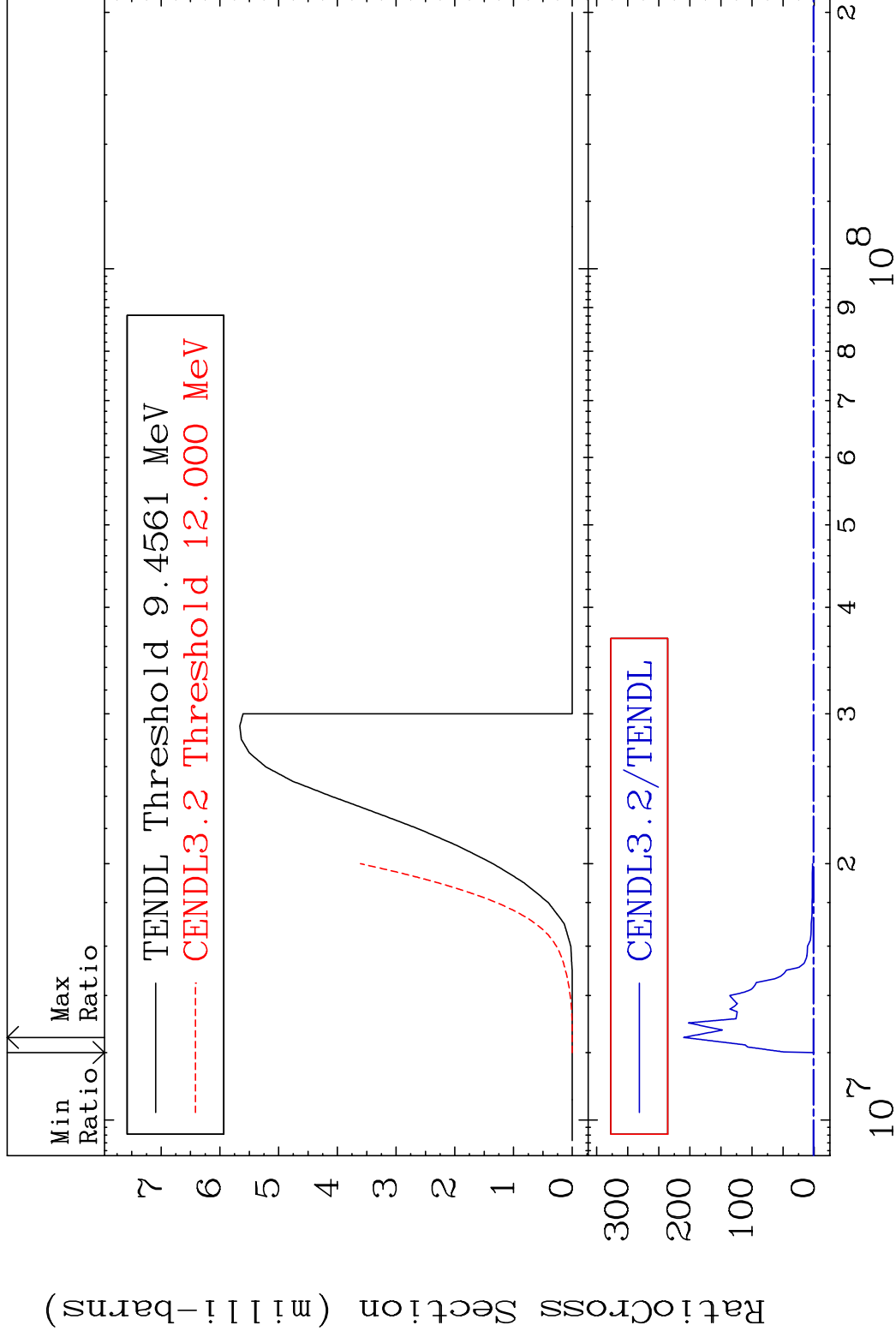
36-Kr-85

MAT 3646

(n, t)

36-Kr-85

Cross Section -100.0 To 9999. %



15

Incident Energy (eV)

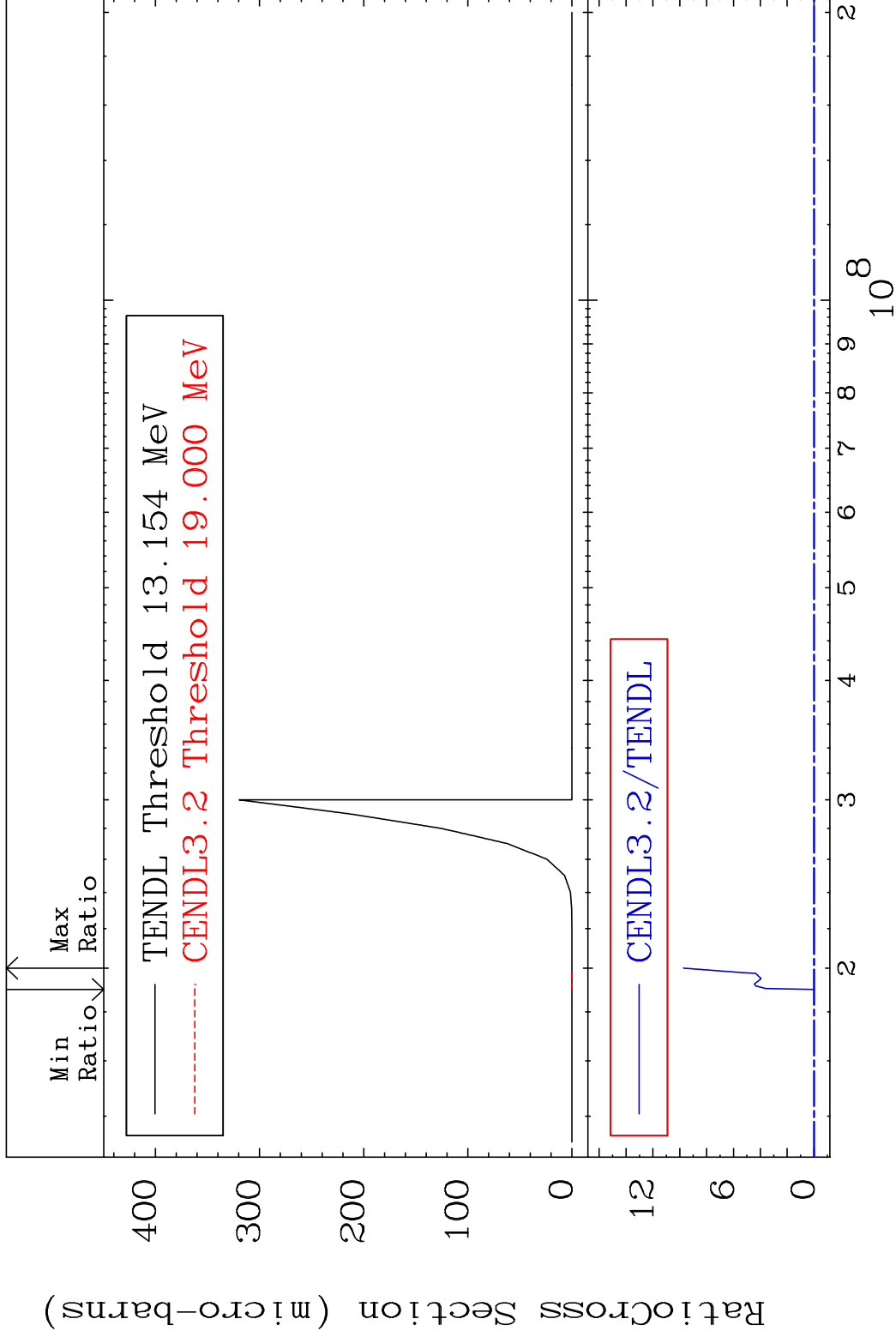
36-Kr-85

MAT 3646

(n, He-3)

36-Kr-85

Cross Section -100.0 To 9999. %



16

Incident Energy (eV)

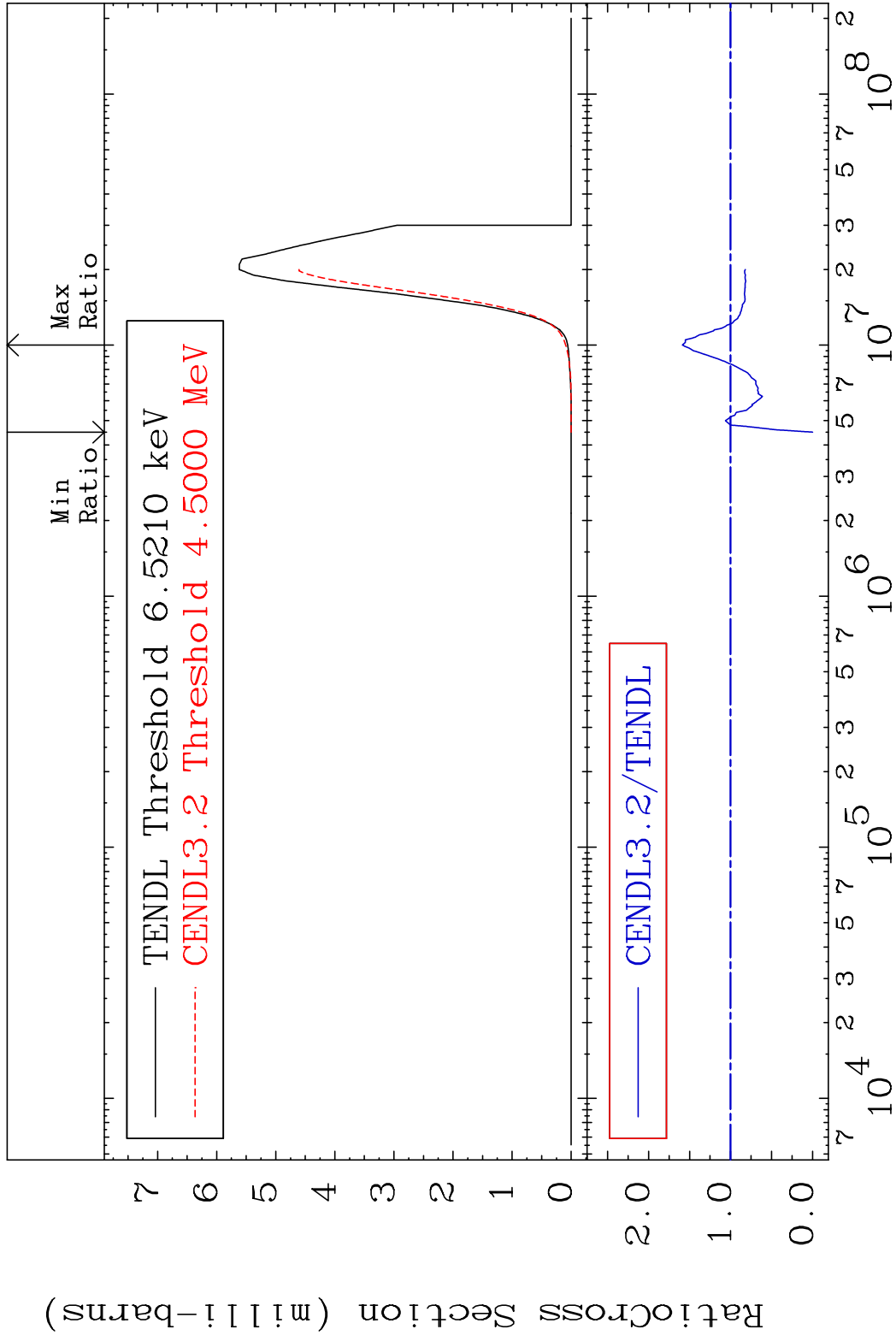
36-Kr-85

MAT 3646

(n, α)

36-Kr-85

Cross Section -100.0 To 58.84 %



17

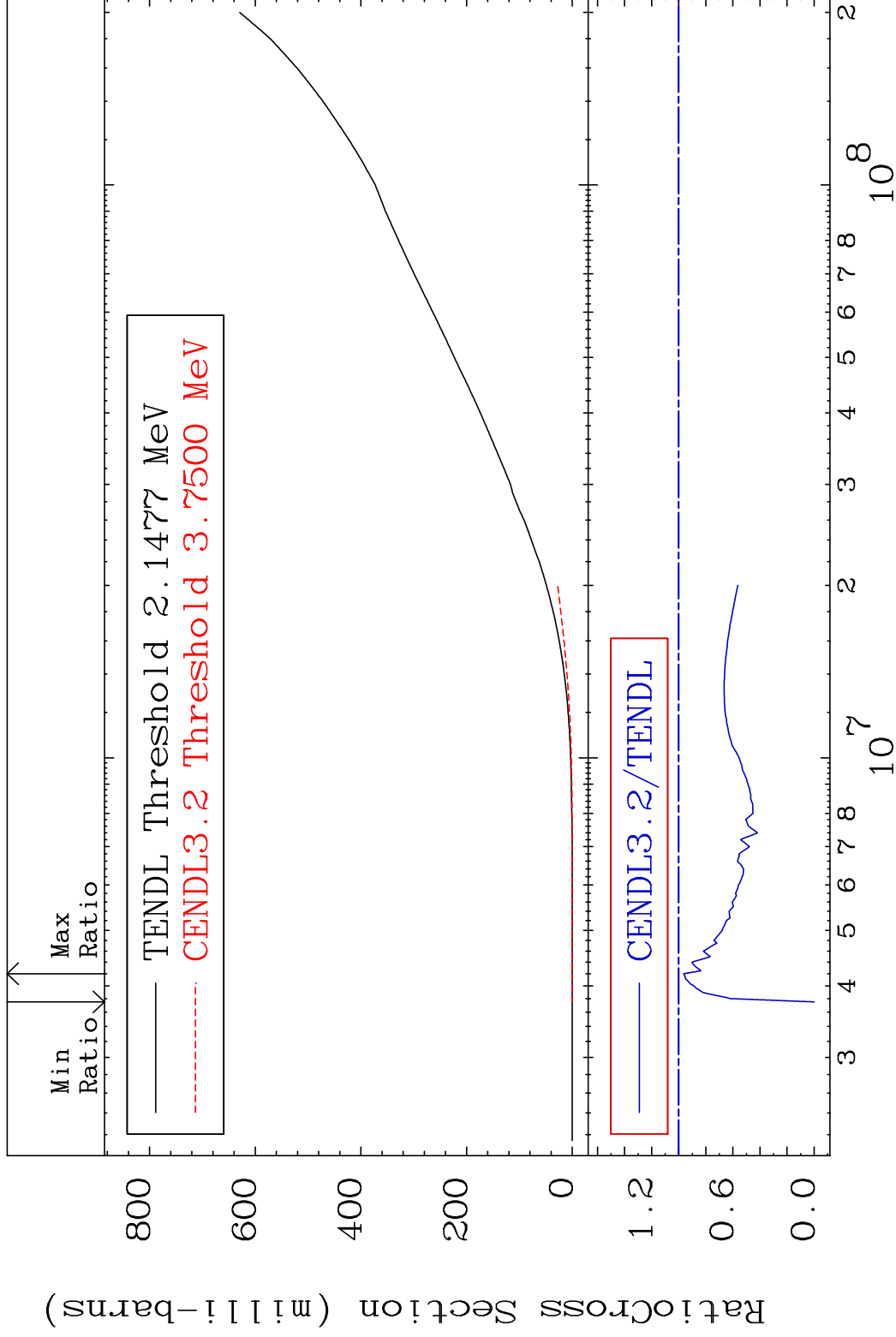
Incident Energy (eV)

36-Kr-85

MAT 3646

Hydrogen Production 36-Kr-85

Cross Section -100.0 To -3.634%



18

Incident Energy (eV)

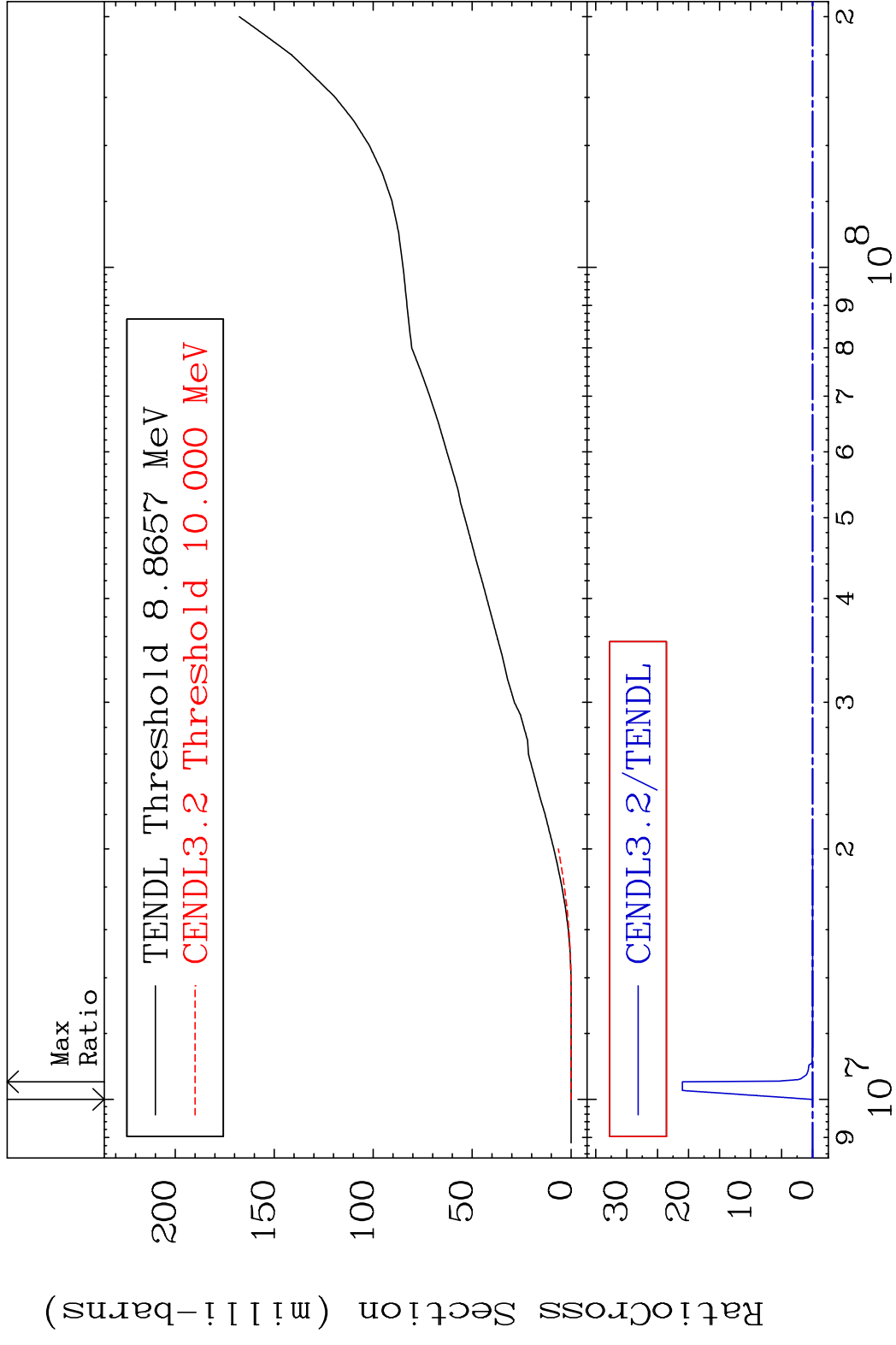
36-Kr-85

MAT 3646

Deuterium Production

36-Kr-85

Cross Section -100.0 To 9999. %



19

Incident Energy (eV)

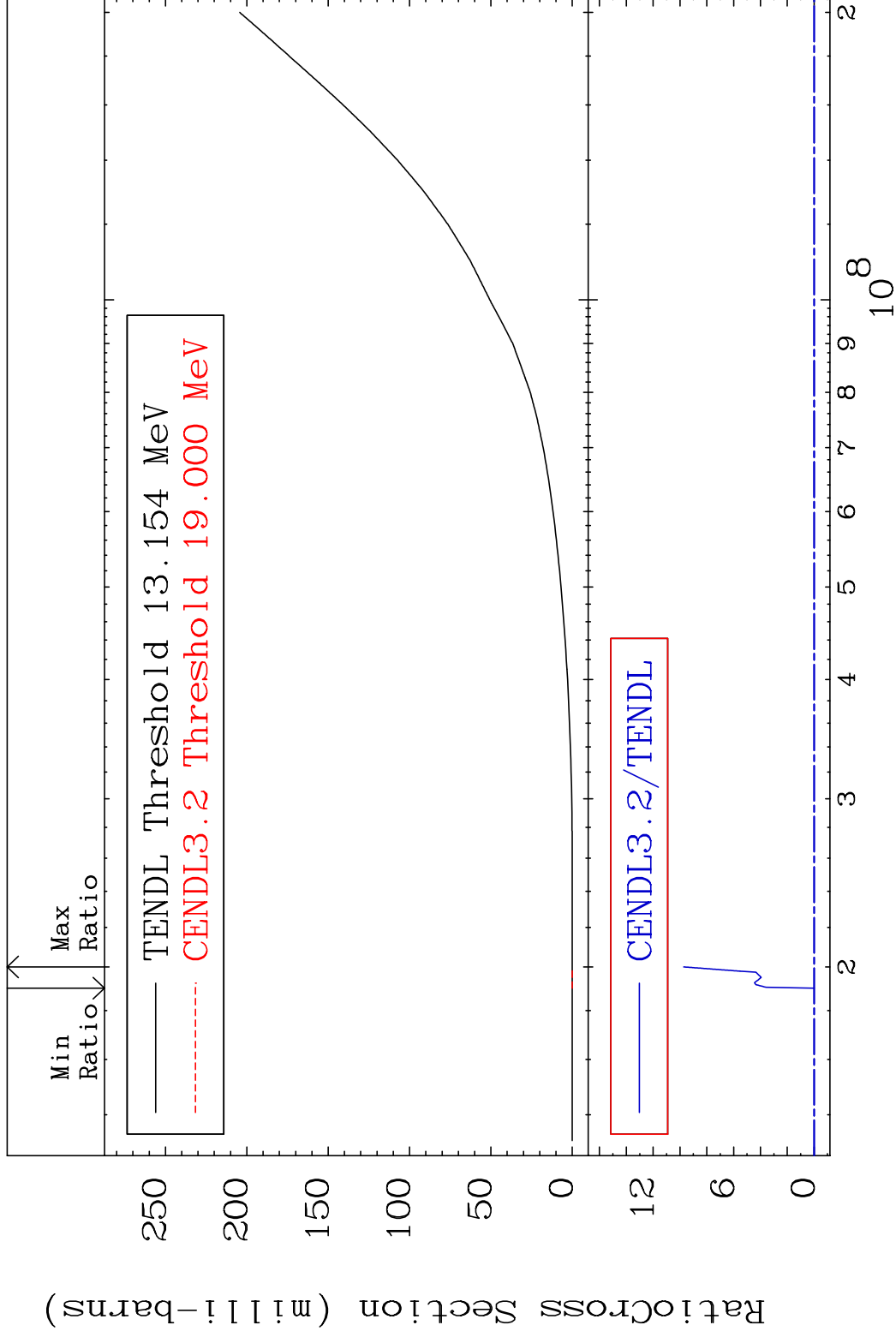
36-Kr-85

MAT 3646

He-3 Production

36-Kr-85

Cross Section -100.0 To 9999. %

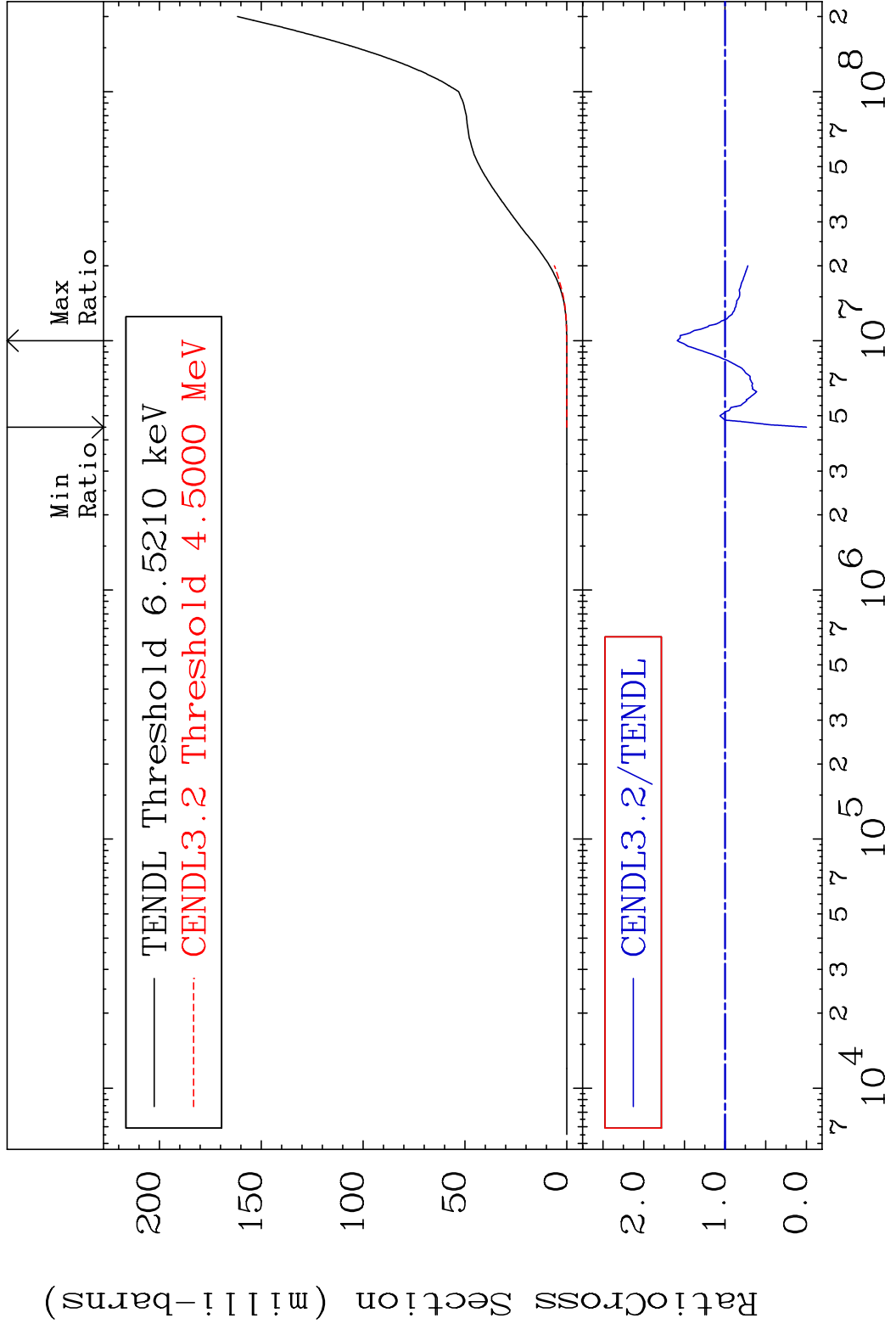


21

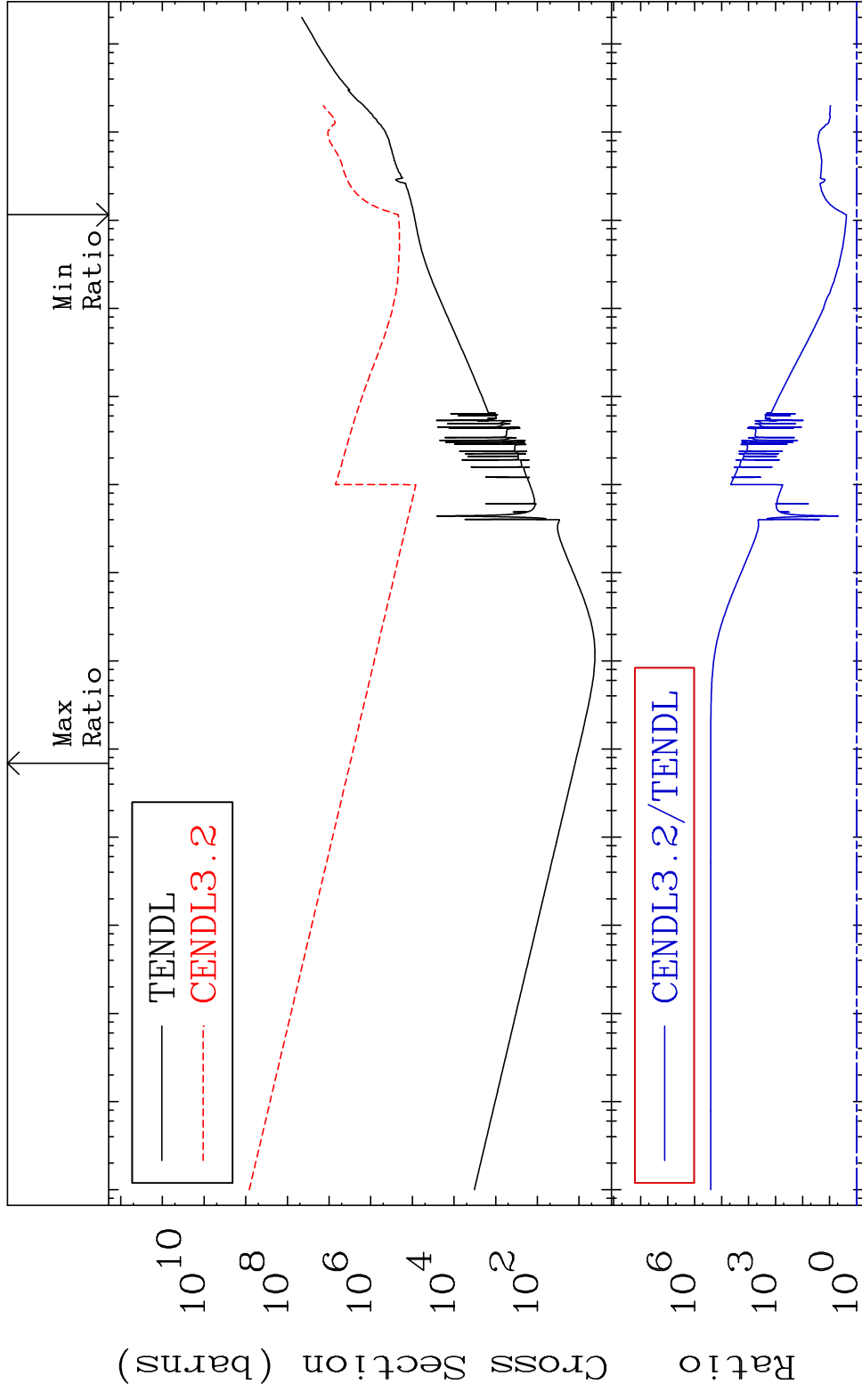
Incident Energy (eV)

36-Kr-85

MAT 3646 He-4 Production 36-Kr-85
 Cross Section -100.0 To 58.89 %

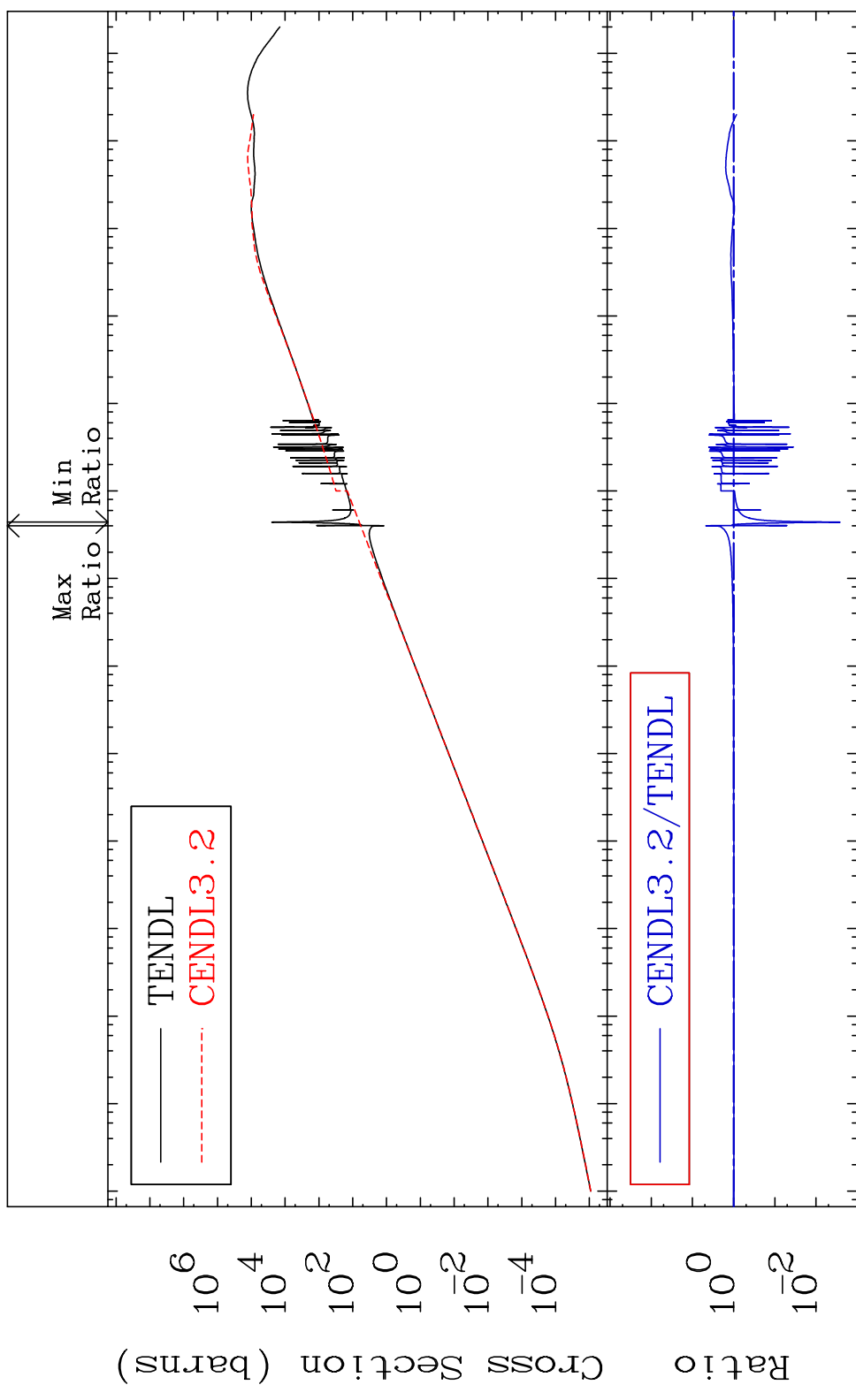


MAT 3646 Kerma total (eV-barns) 36-Kr-85
 Cross Section 139.5 To 9999. %



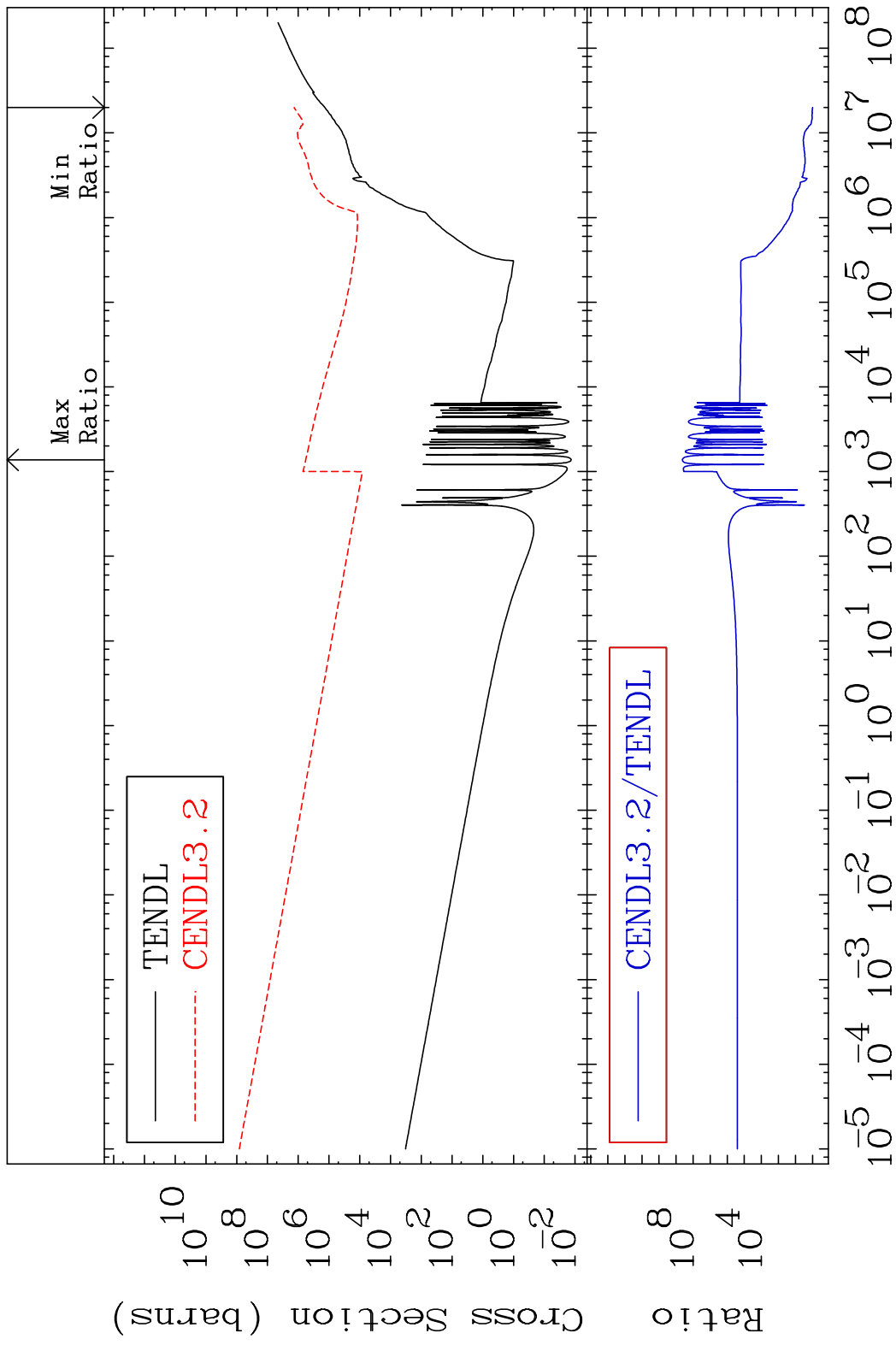
MAT 3646

Kerma elastic Cross Section -99.74 To 375.1 %
36-Kr-85

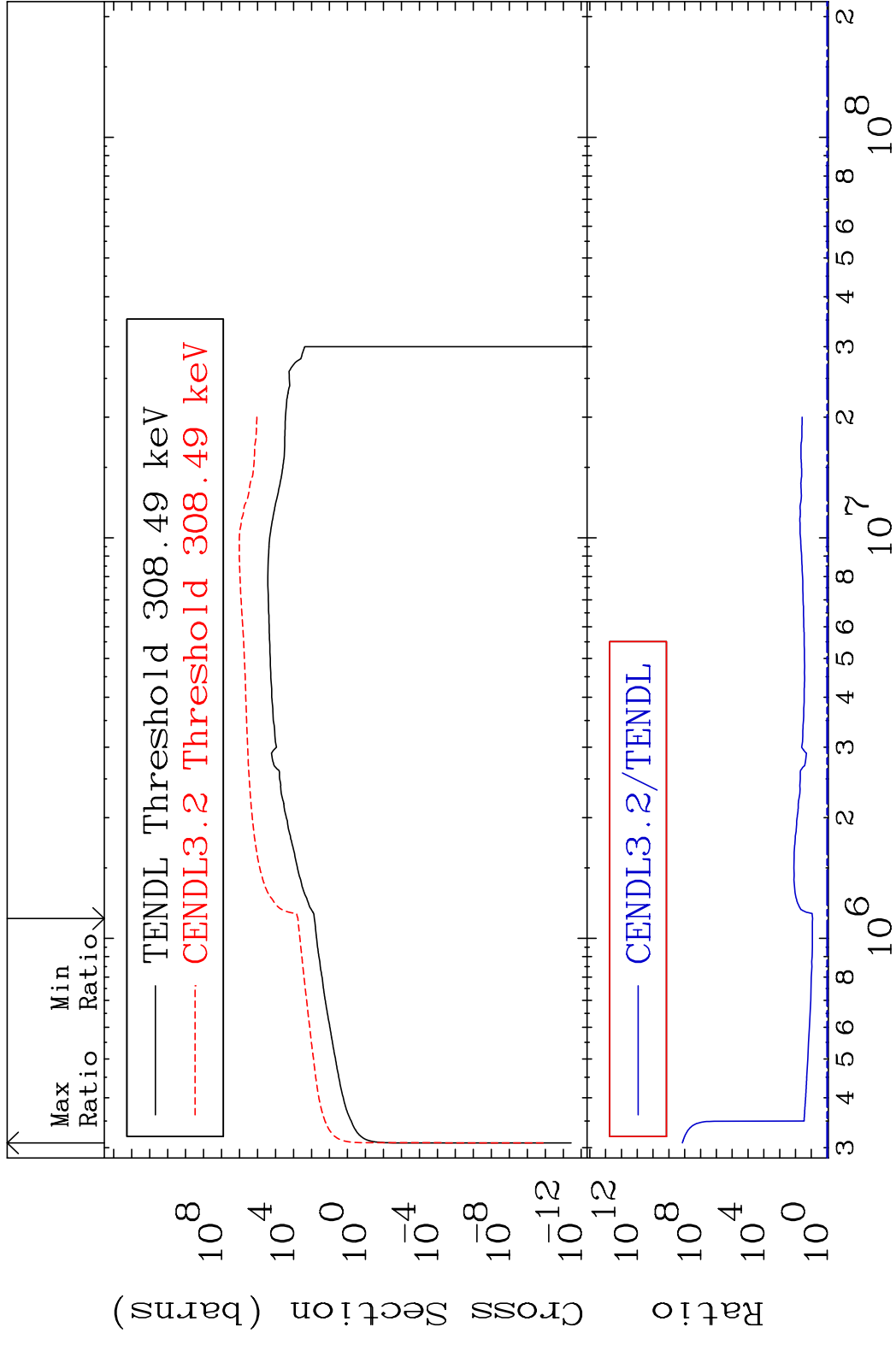


10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
Incident Energy (eV)

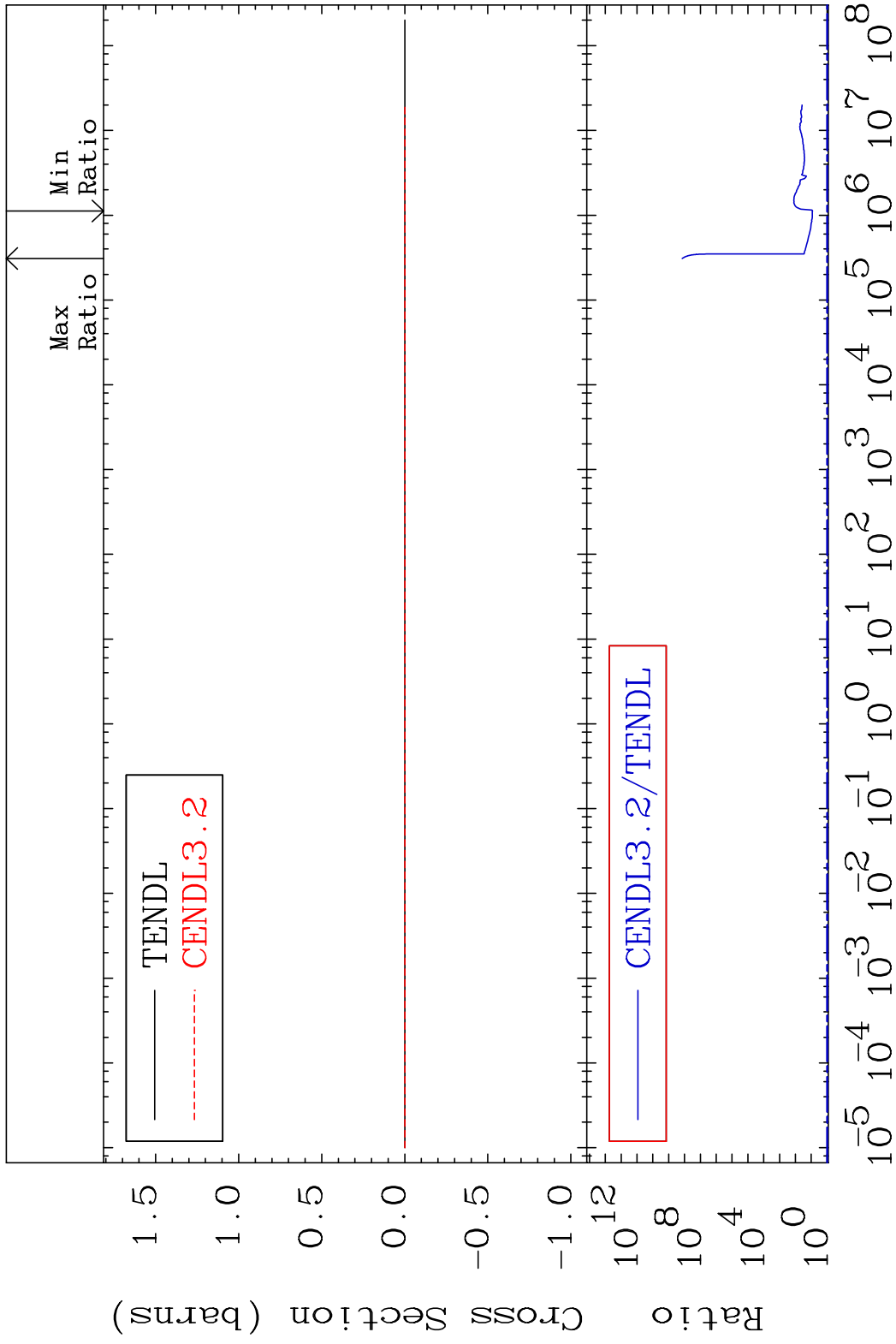
MAT 3646 Kerma non-elastic (all but mt2) 36-Kr-85
 Cross Section 891.9 To 9999. %

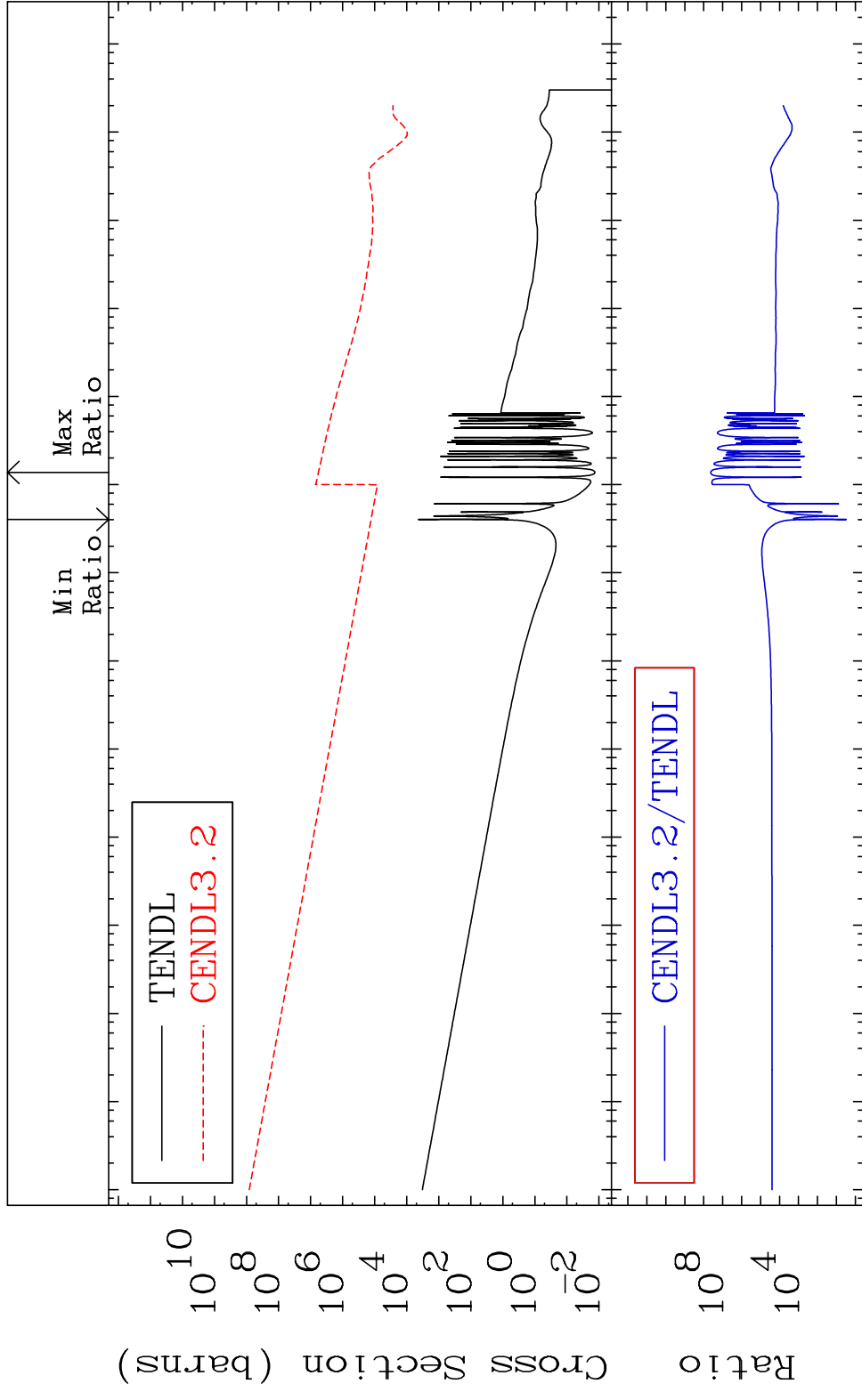


MAT 3646 Kerma inelastic (mt51-91) 36-Kr-85
 Cross Section 733.1 To 9999. %

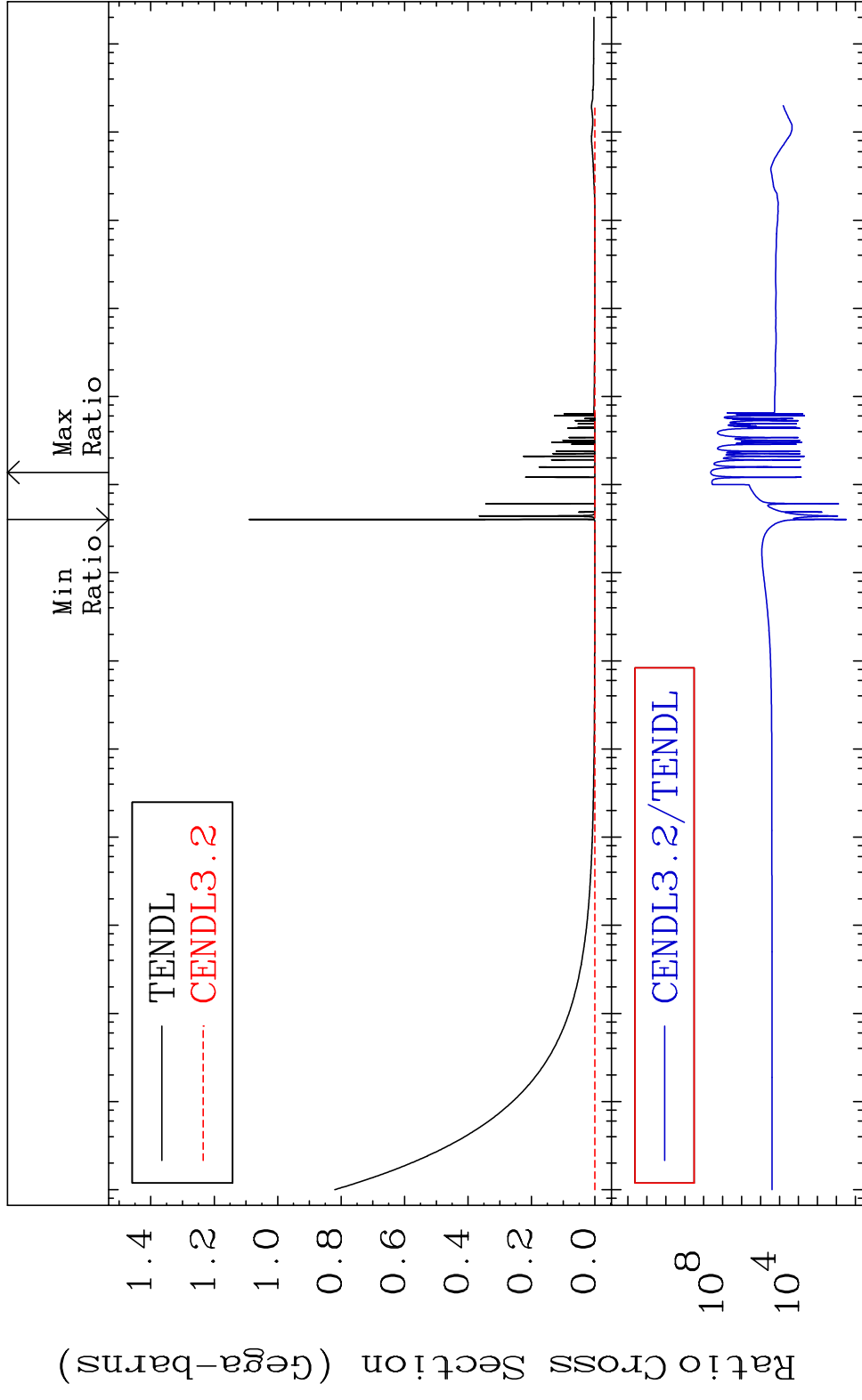


MAT 3646 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-85
 Cross Section 733.1 To 9999. %



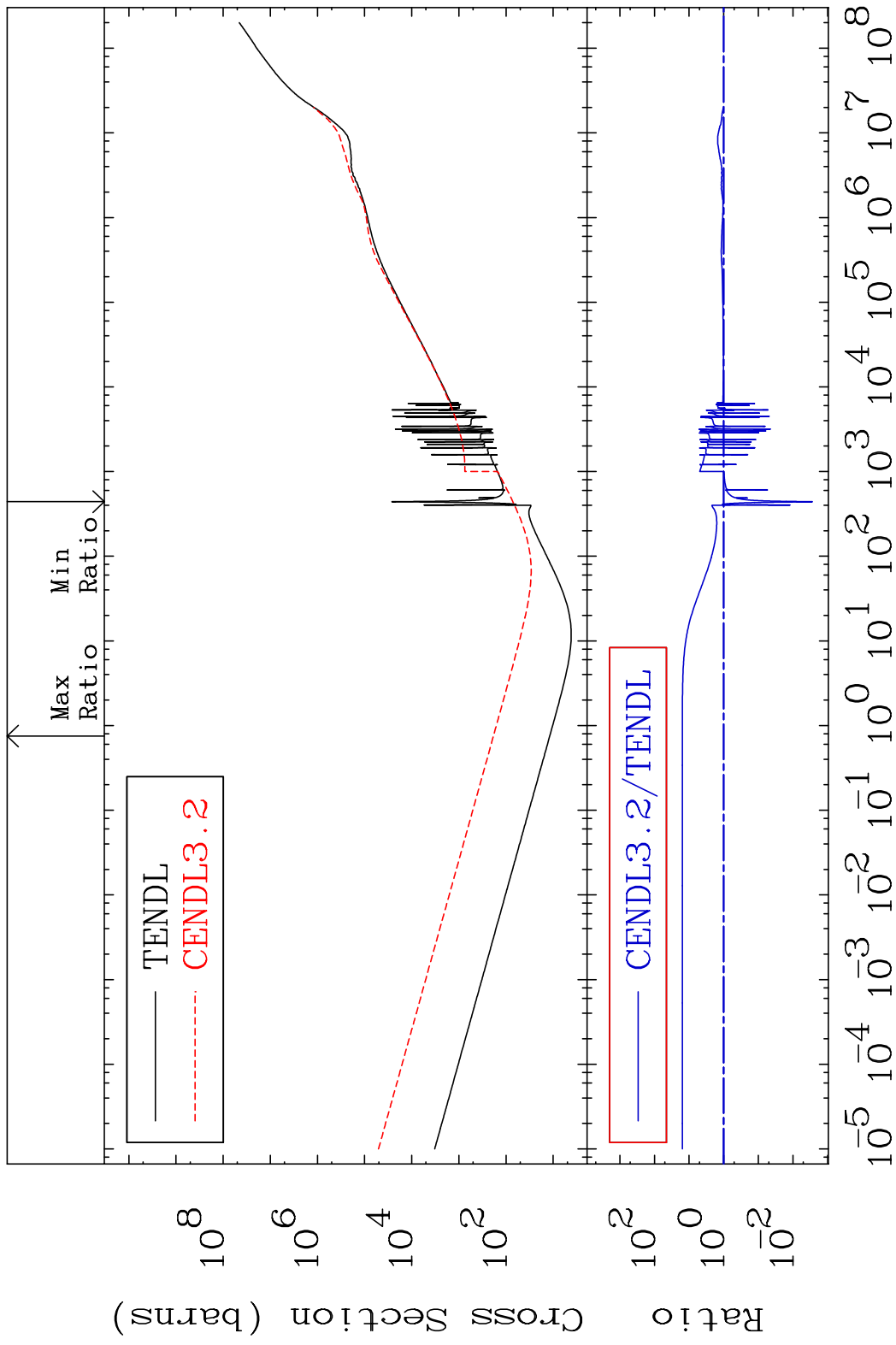


MAT 3646 Total photon (eV-barns) 36-Kr-85
 Cross Section 2901. To 9999. %



29 Incident Energy (eV) 36-Kr-85

MAT 3646 Total kinematic kerma (high limit) 36-Kr-85
 Cross Section -99.73 To 1463. %

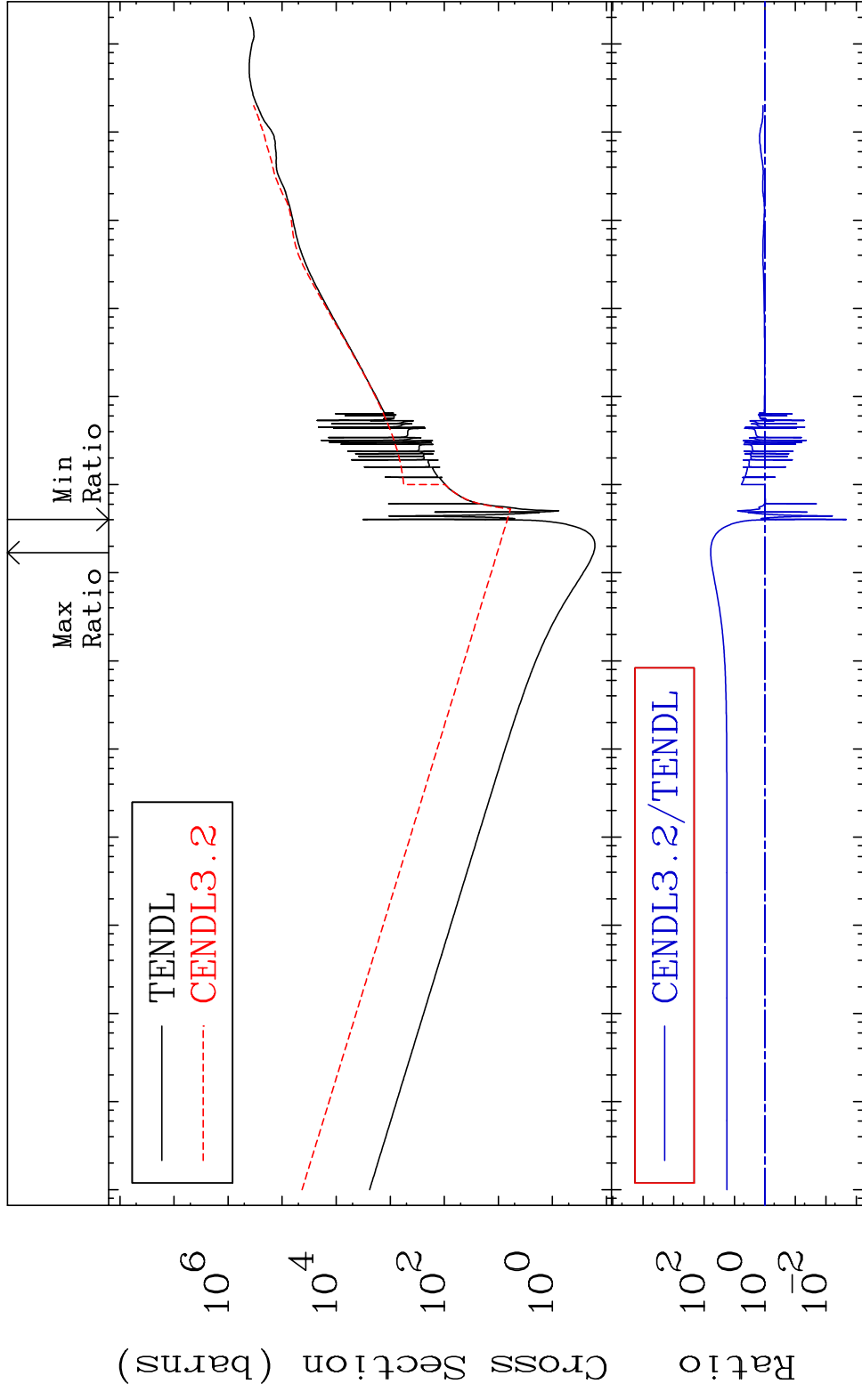


MAT 3646

Dpa total (eV-barns)

36-Kr-85

Cross Section -99.79 To 5948. %



31

Incident Energy (eV)

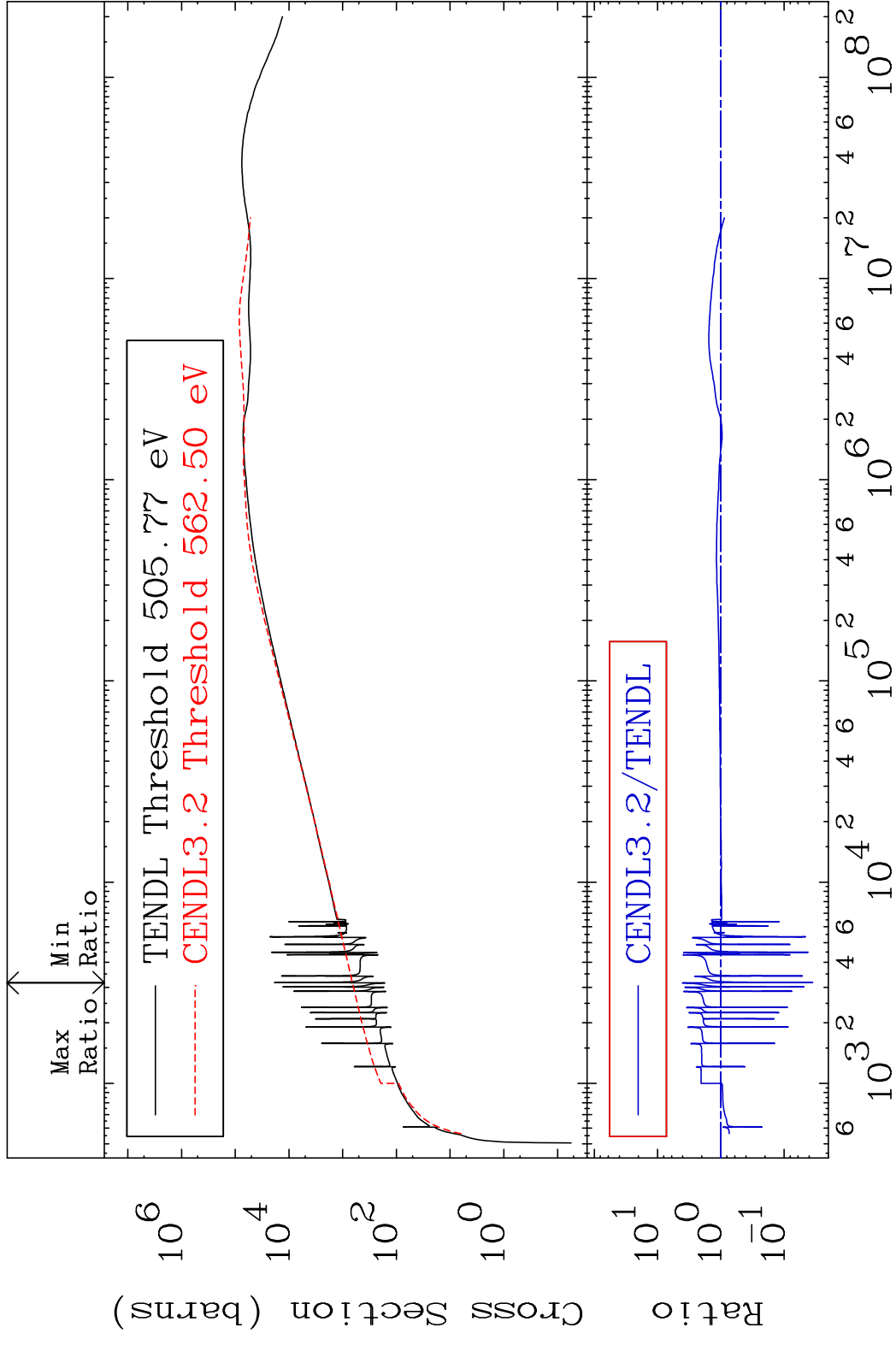
36-Kr-85

MAT 3646

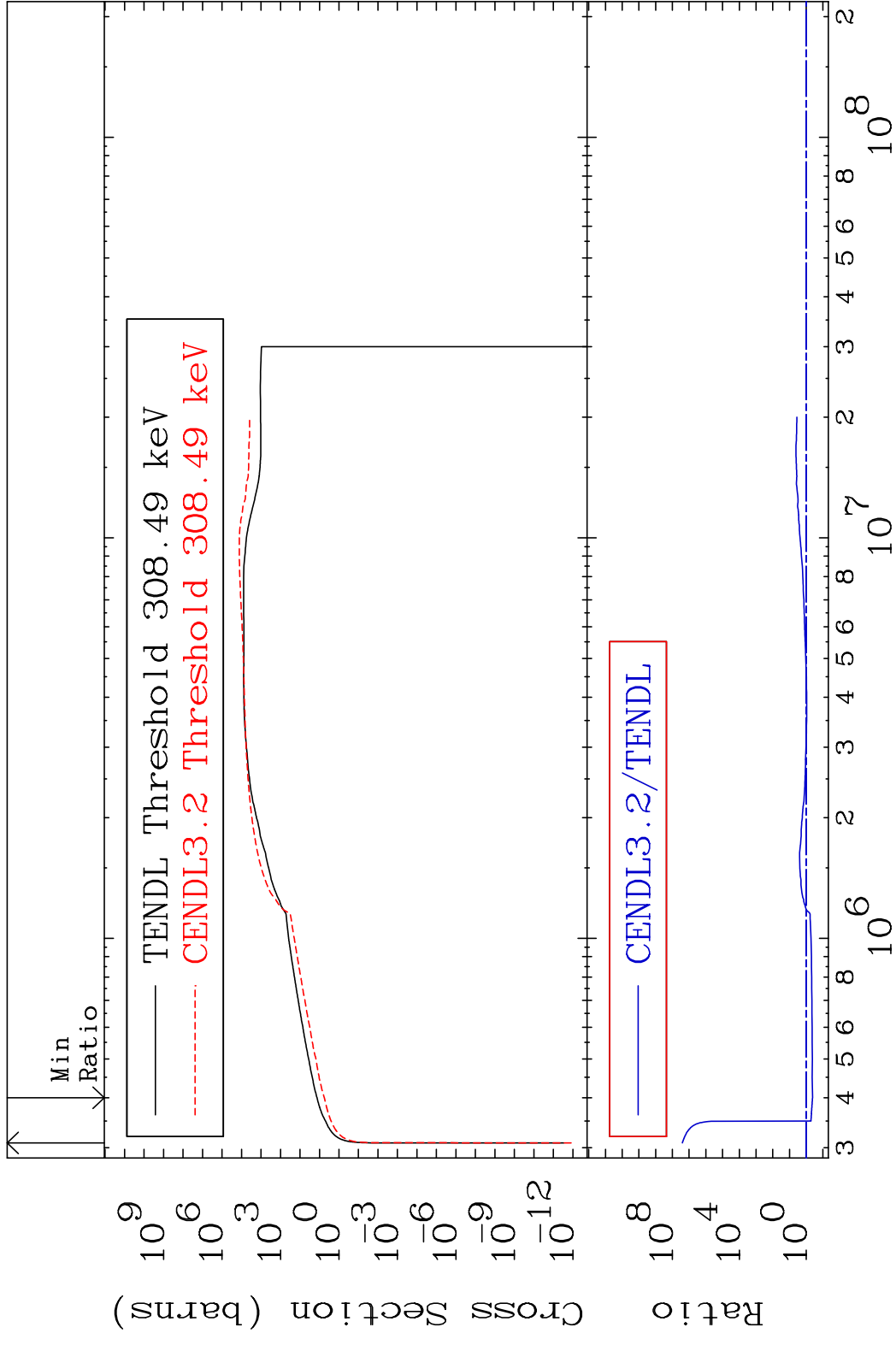
Dpa elastic (mt2)

36-Kr-85

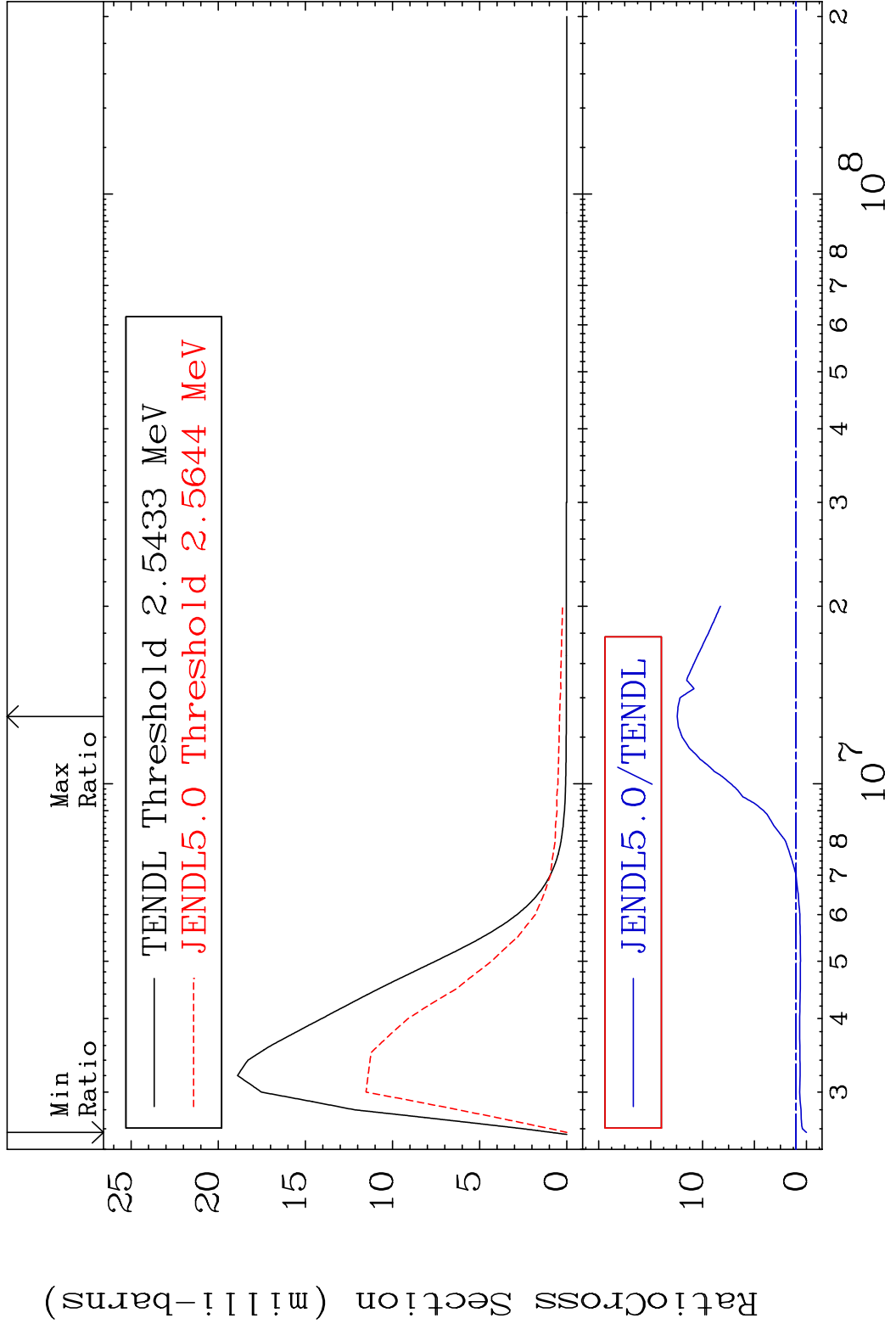
Cross Section -96.46 To 305.1 %



MAT 3646 Dpa inelastic (mt51-91) 36-Kr-85
 Cross Section -58.14 To 9999. %

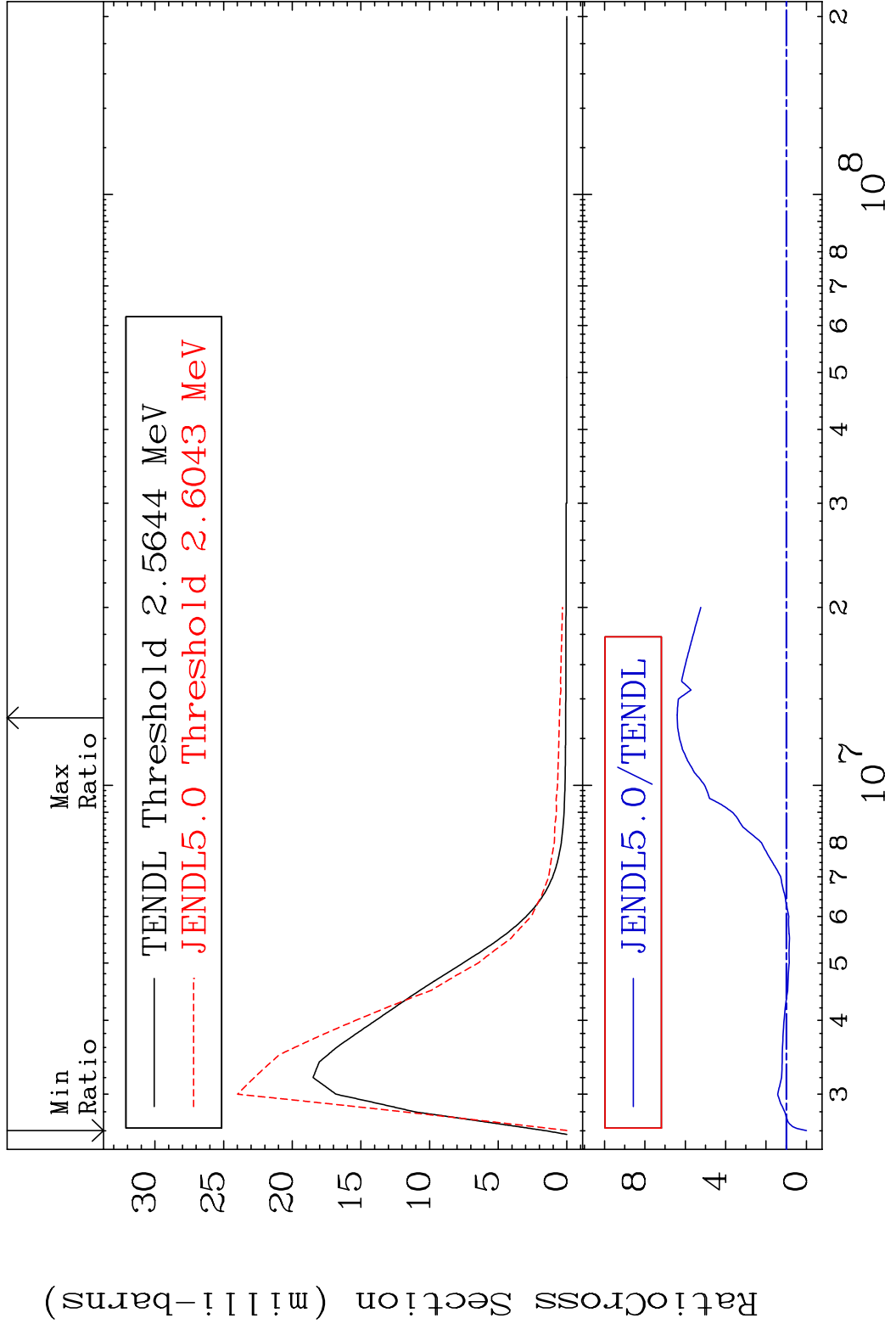


MAT 3646 MT= 77 (n,n') Level 36-Kr-85
 Cross Section -100.0 To 1144. %

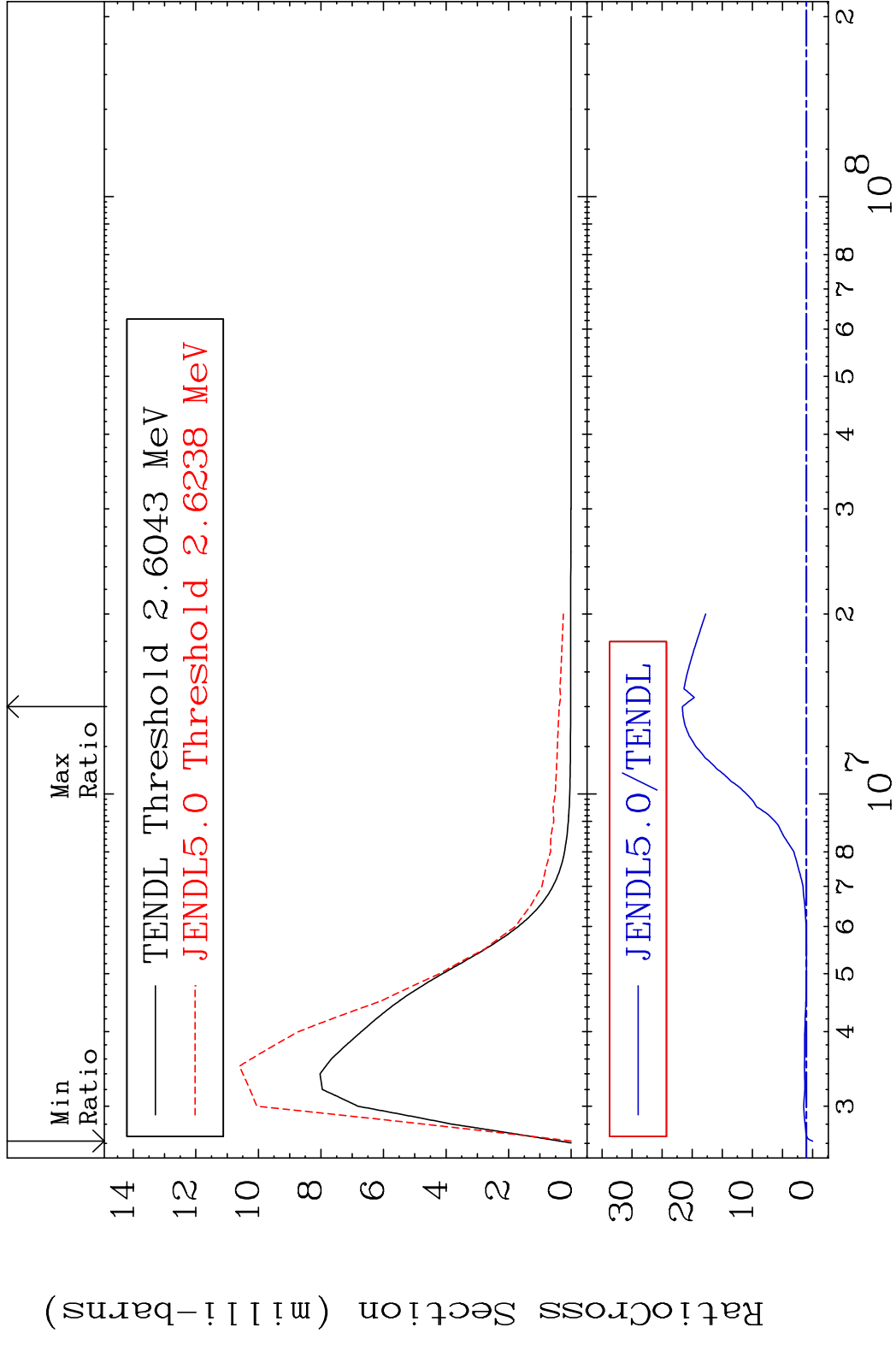


35 36-Kr-85

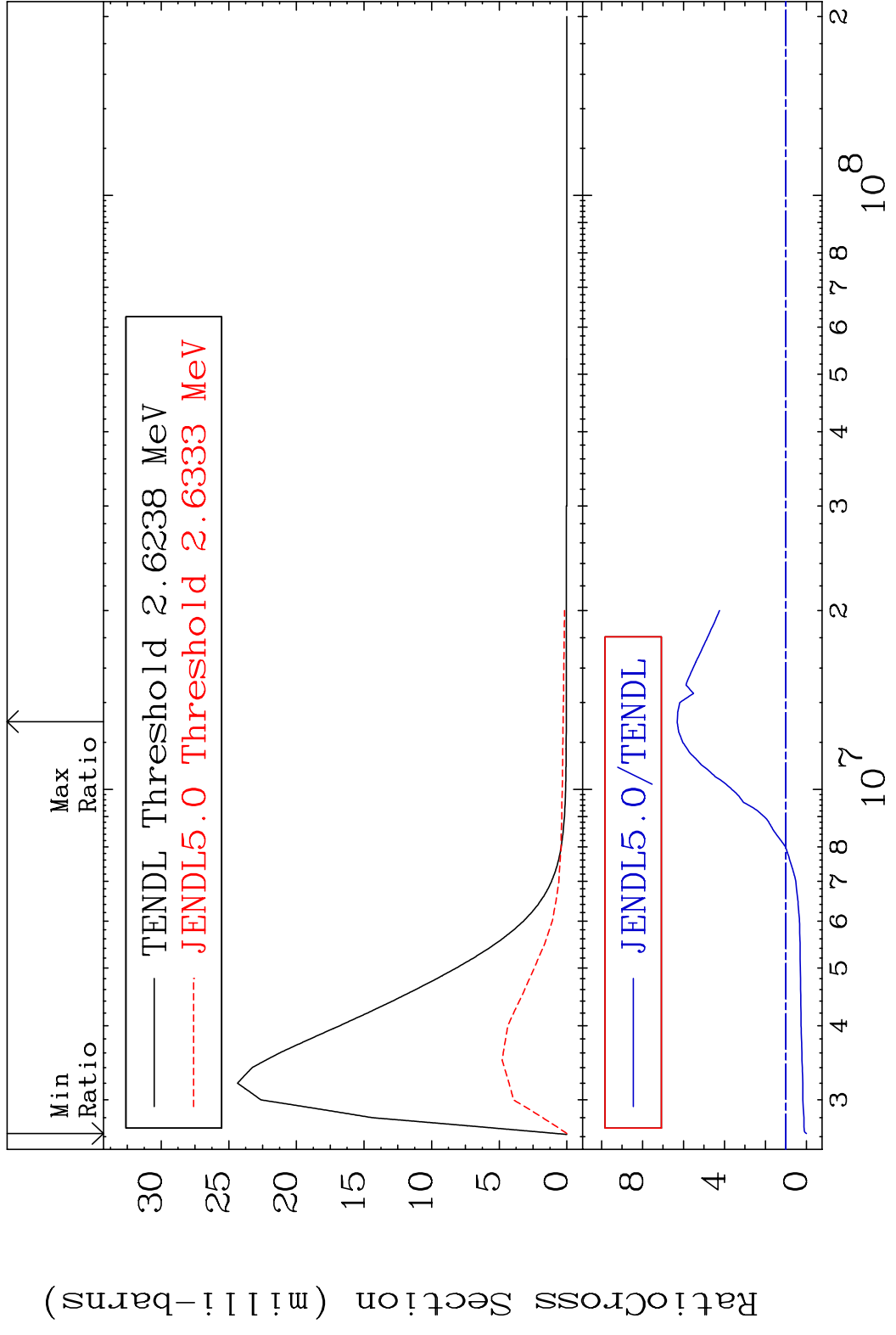
MAT 3646 MT= 78 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 540.1 %



MAT 3646 MT= 79 (n,n') Level 36-Kr-85
 Cross Section -100.0 To 2064. %



MAT 3646 MT= 80 (n, n') Level 36-Kr-85
 Cross Section -100.0 To 530.8 %

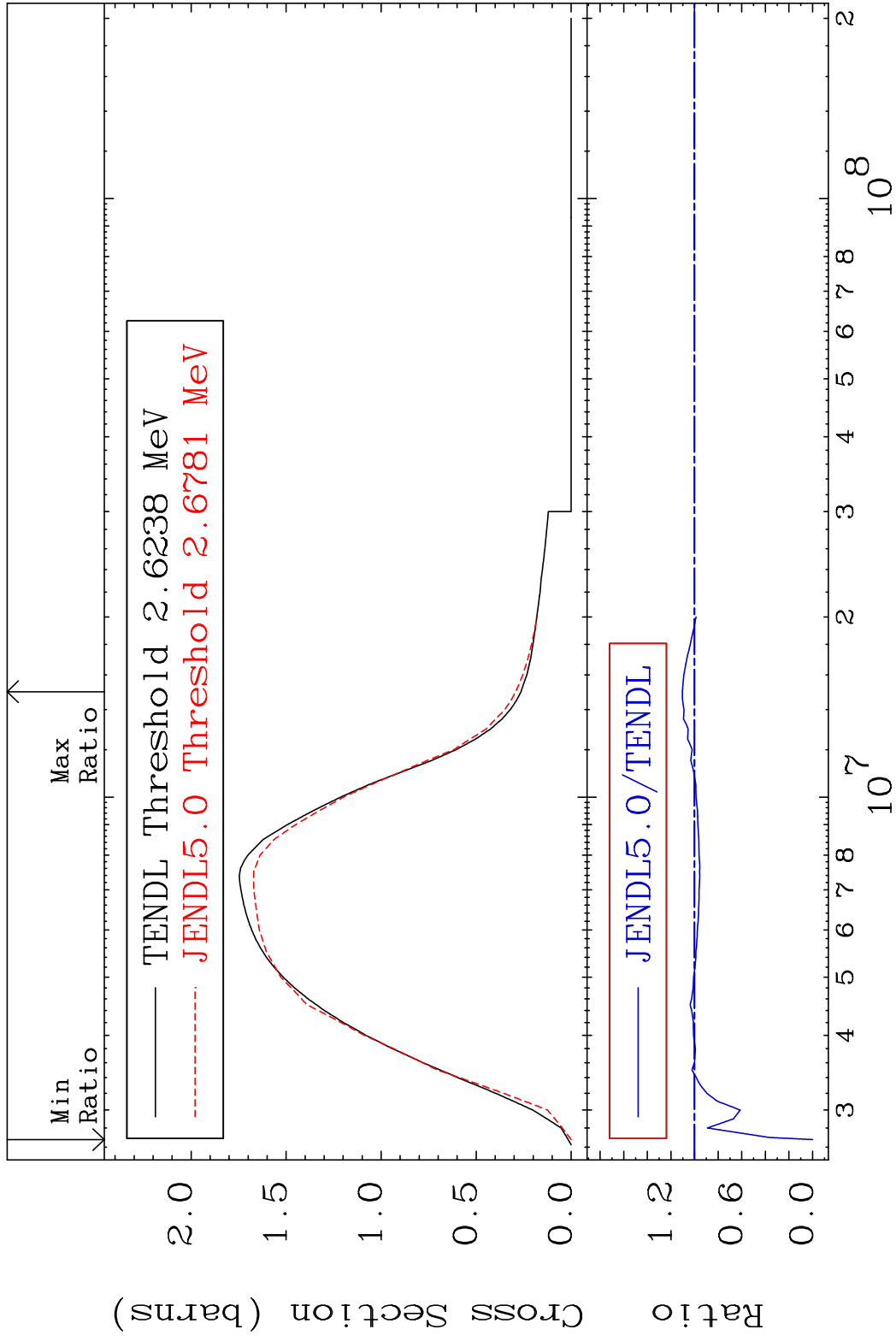


MAT 3646

(n, n') Continuum

36-Kr-85

Cross Section -100.0 To 10.34 %



39

Incident Energy (eV)

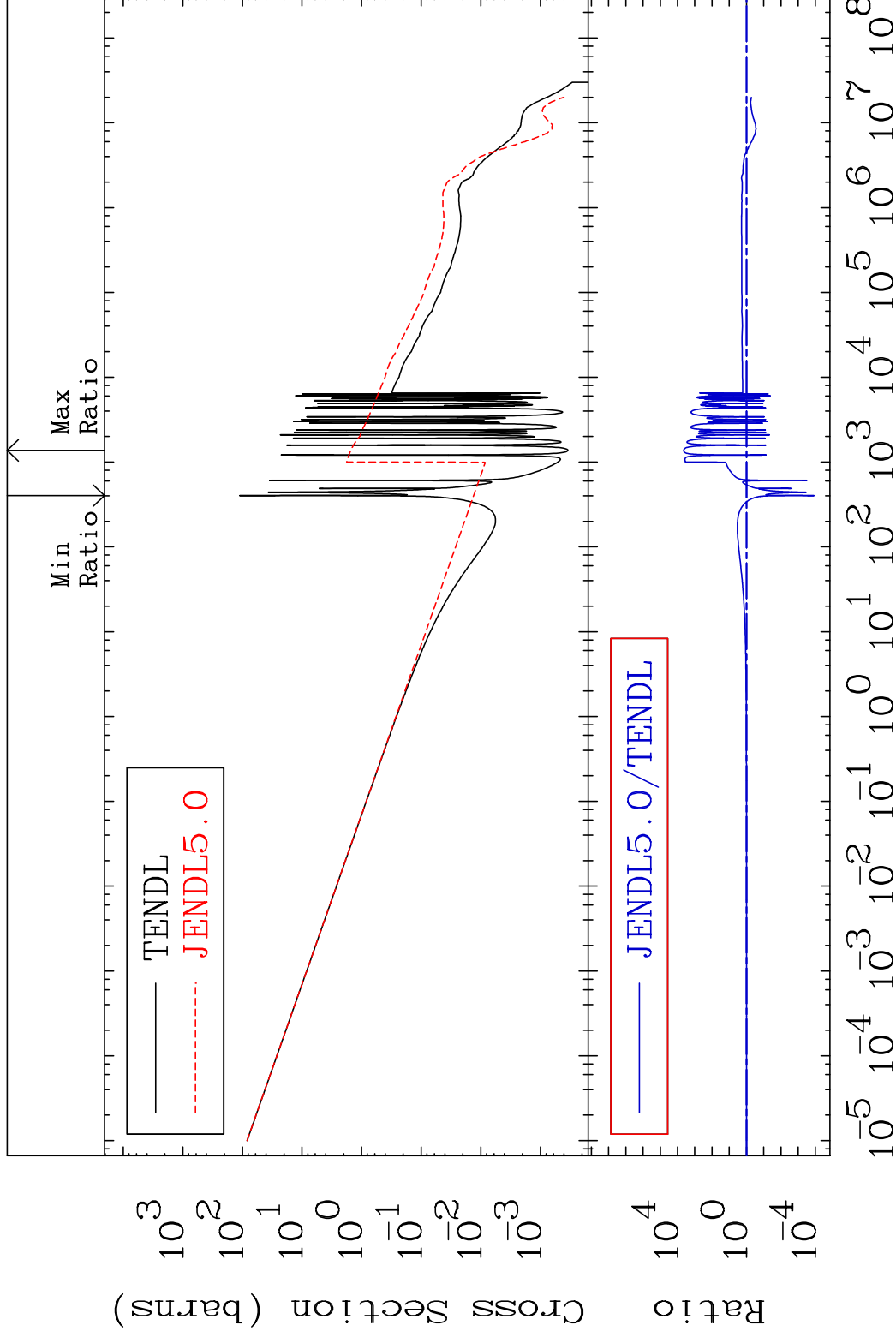
36-Kr-85

MAT 3646

(n, γ)

36-Kr-85

Cross Section -99.99 To 9999. %

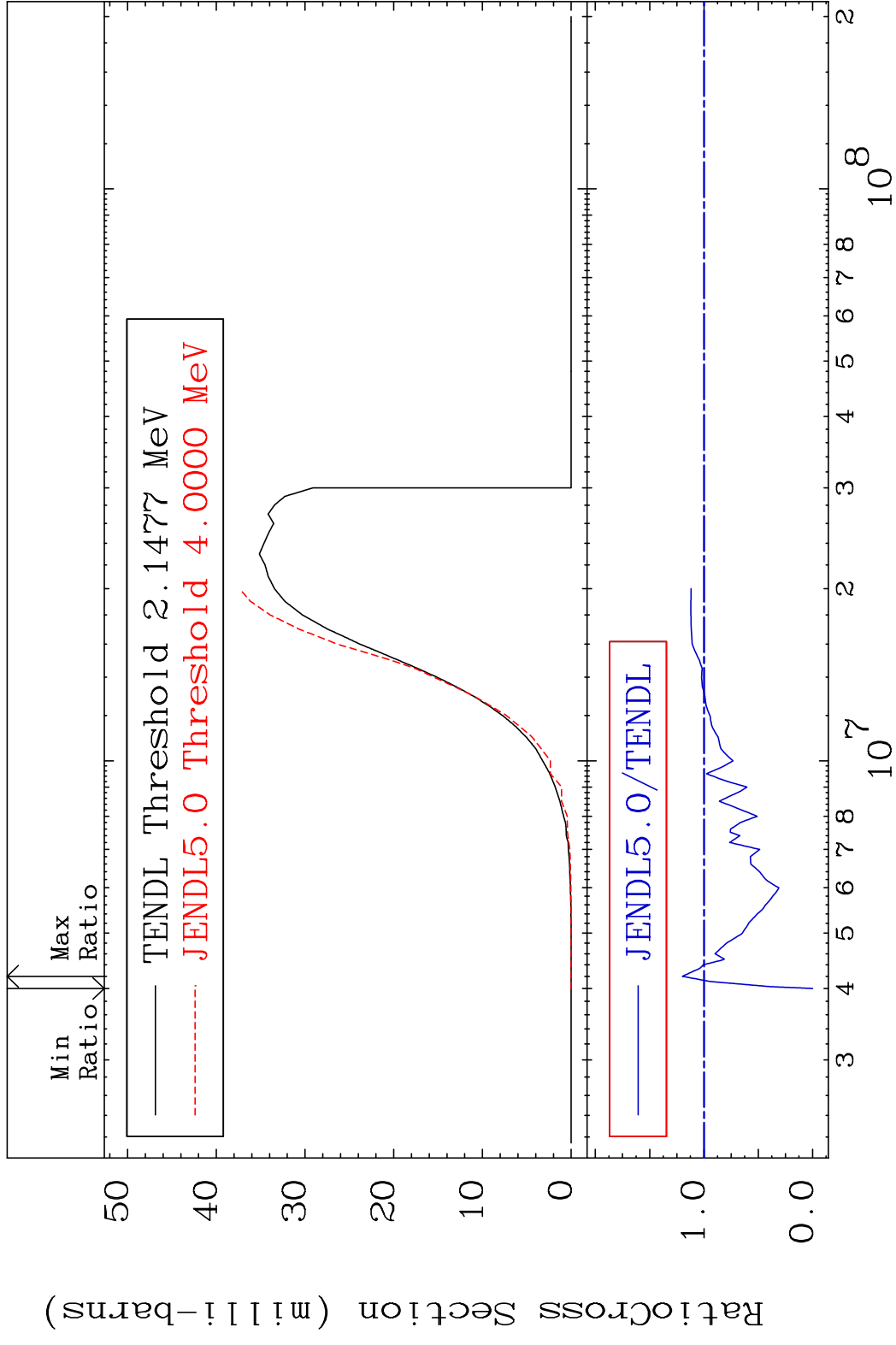


40

Incident Energy (eV)

36-Kr-85

MAT 3646 (n,p) 36-Kr-85
 Cross Section -100.0 To 19.90 %

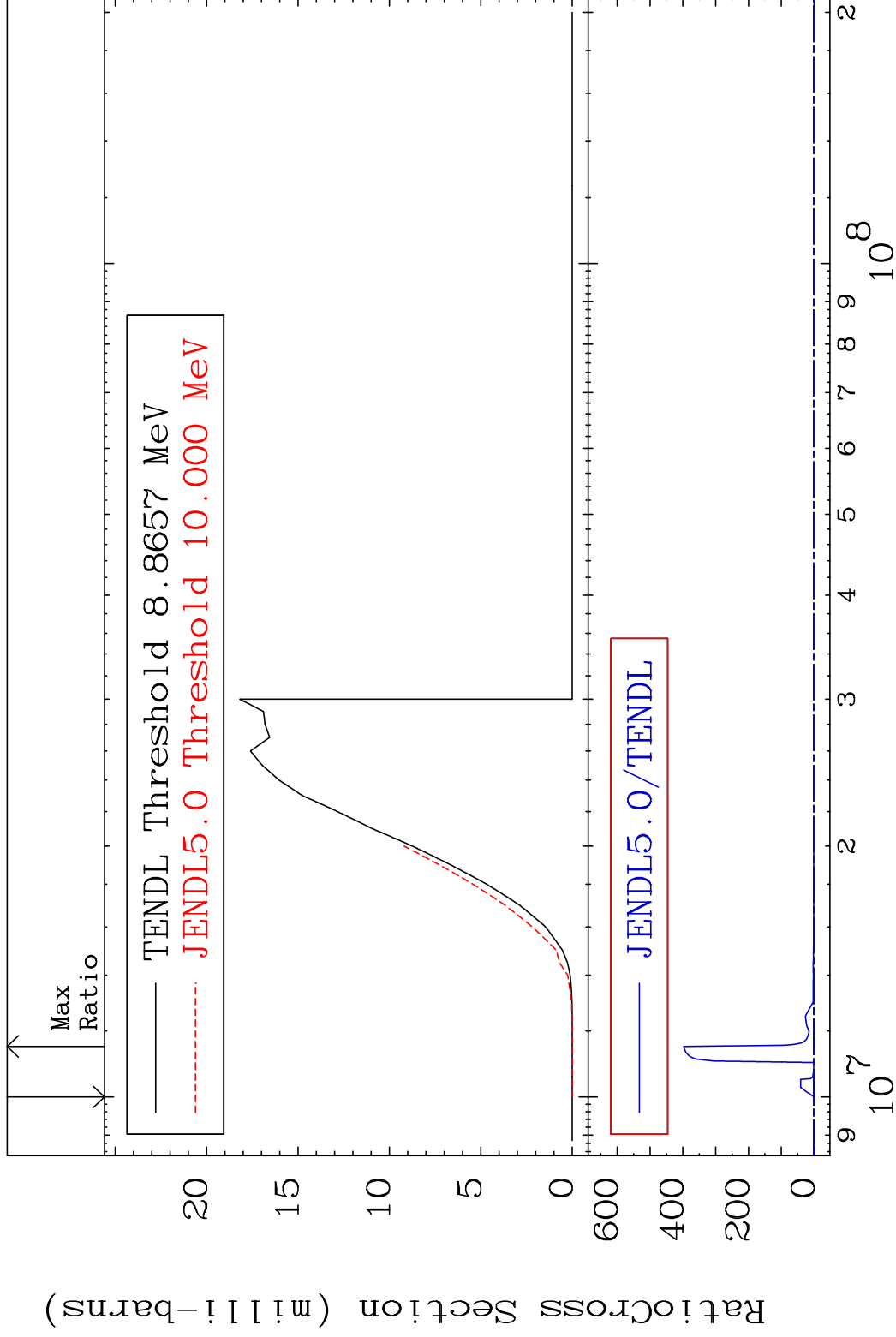


MAT 3646

(n,d)

36-Kr-85

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

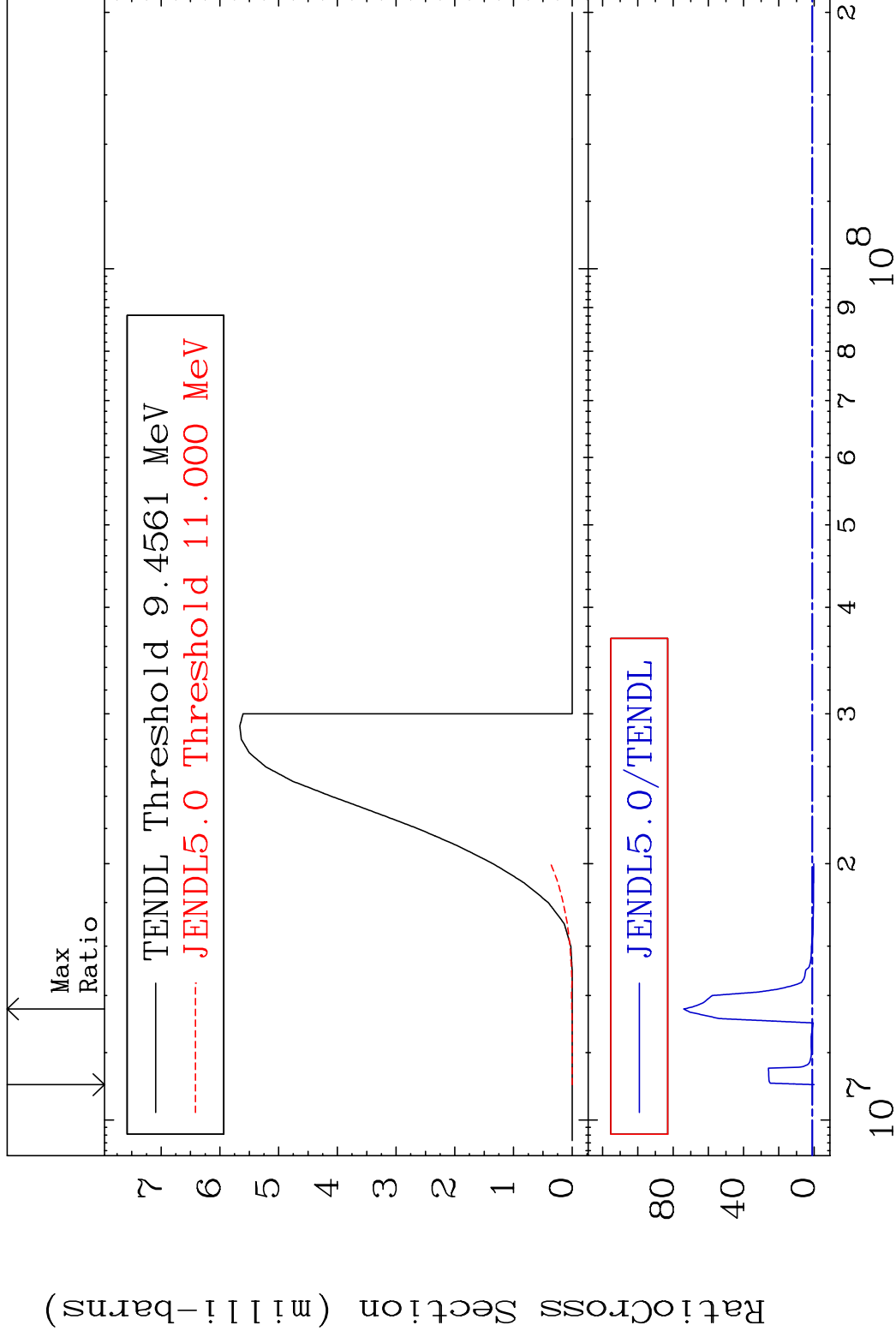
36-Kr-85

MAT 3646

(n, t)

36-Kr-85

Cross Section -100.0 To 7300. %



43

Incident Energy (eV)

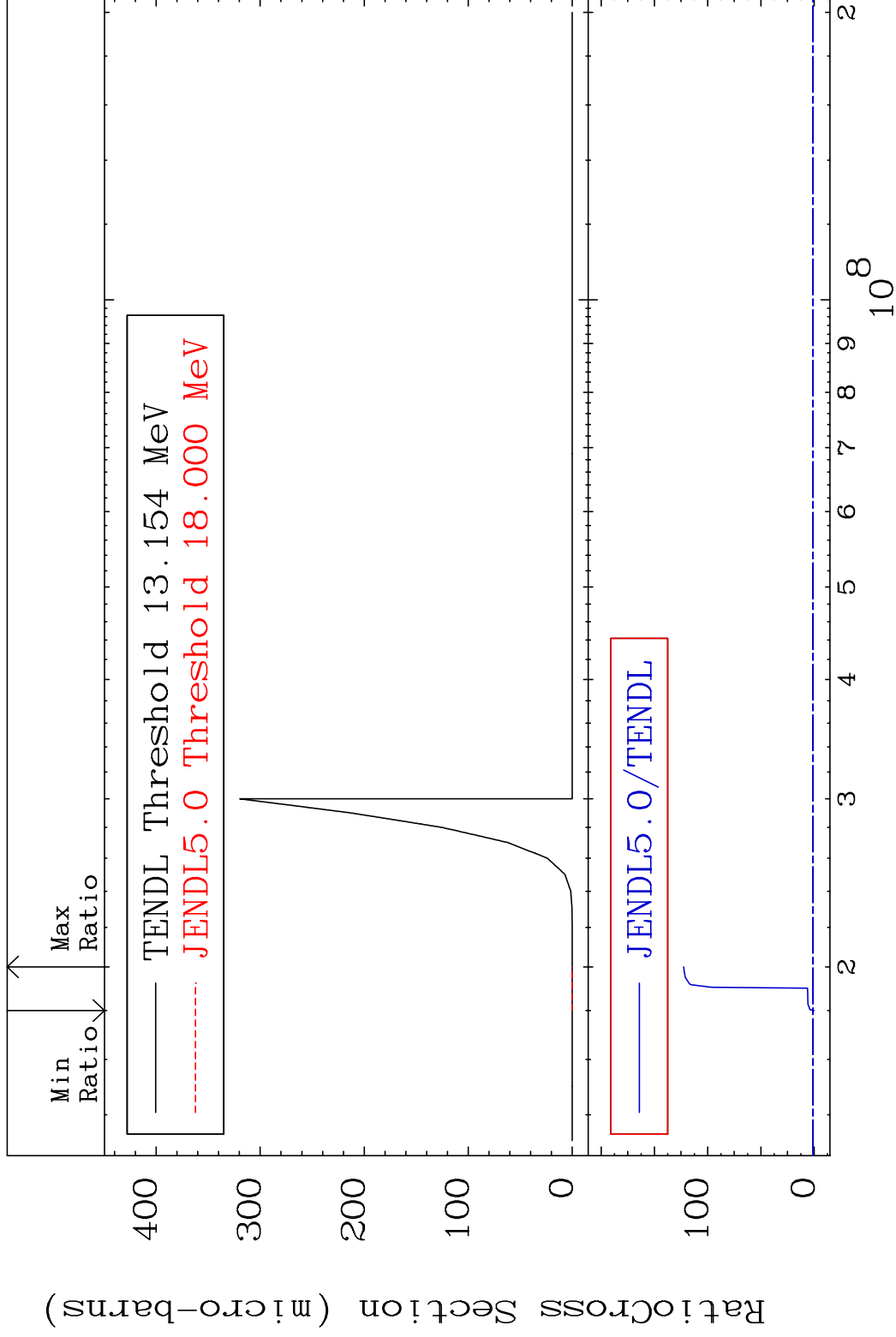
36-Kr-85

MAT 3646

(n, He-3)

36-Kr-85

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

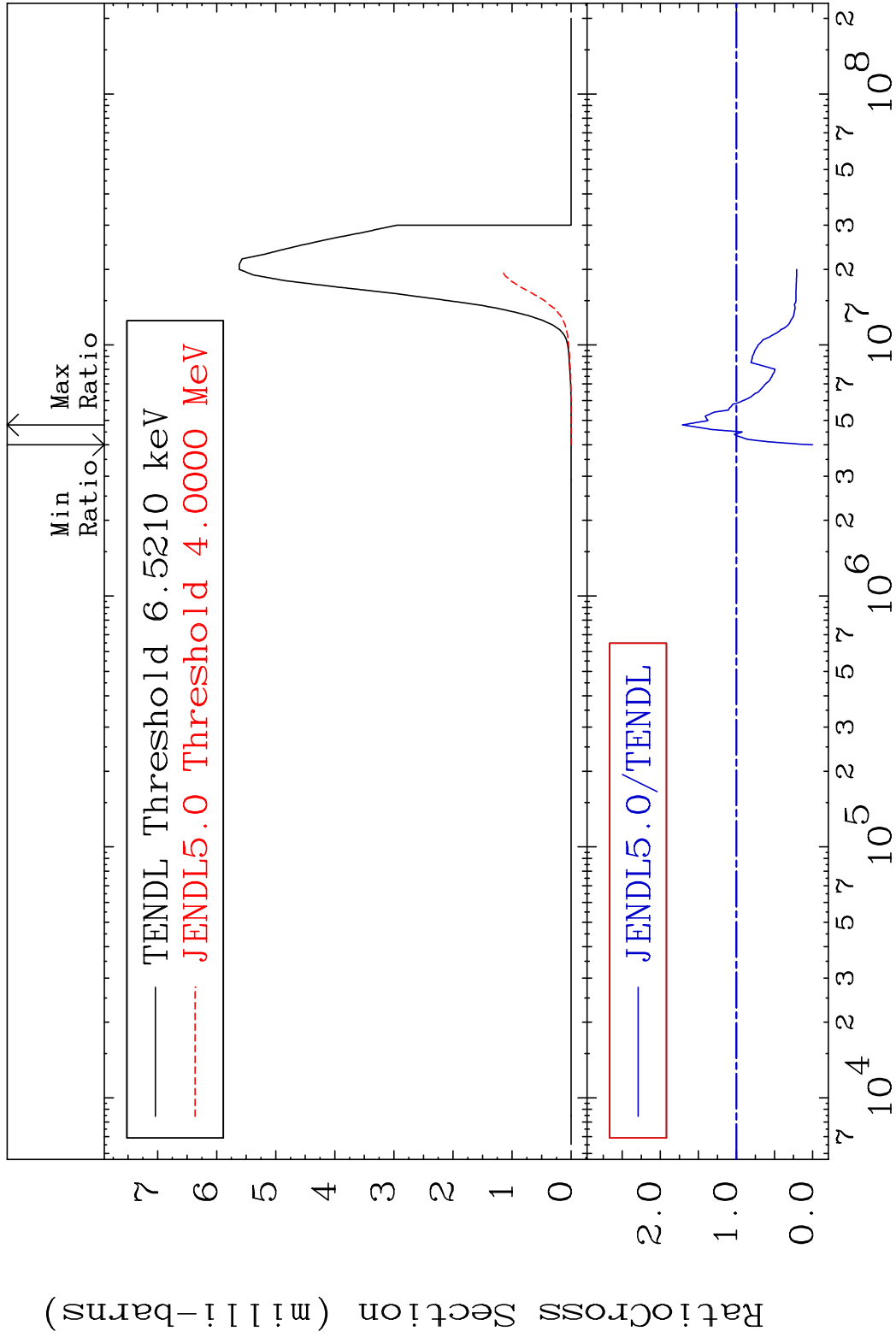
36-Kr-85

MAT 3646

(n, α)

36-Kr-85

Cross Section -100.0 To 71.08 %

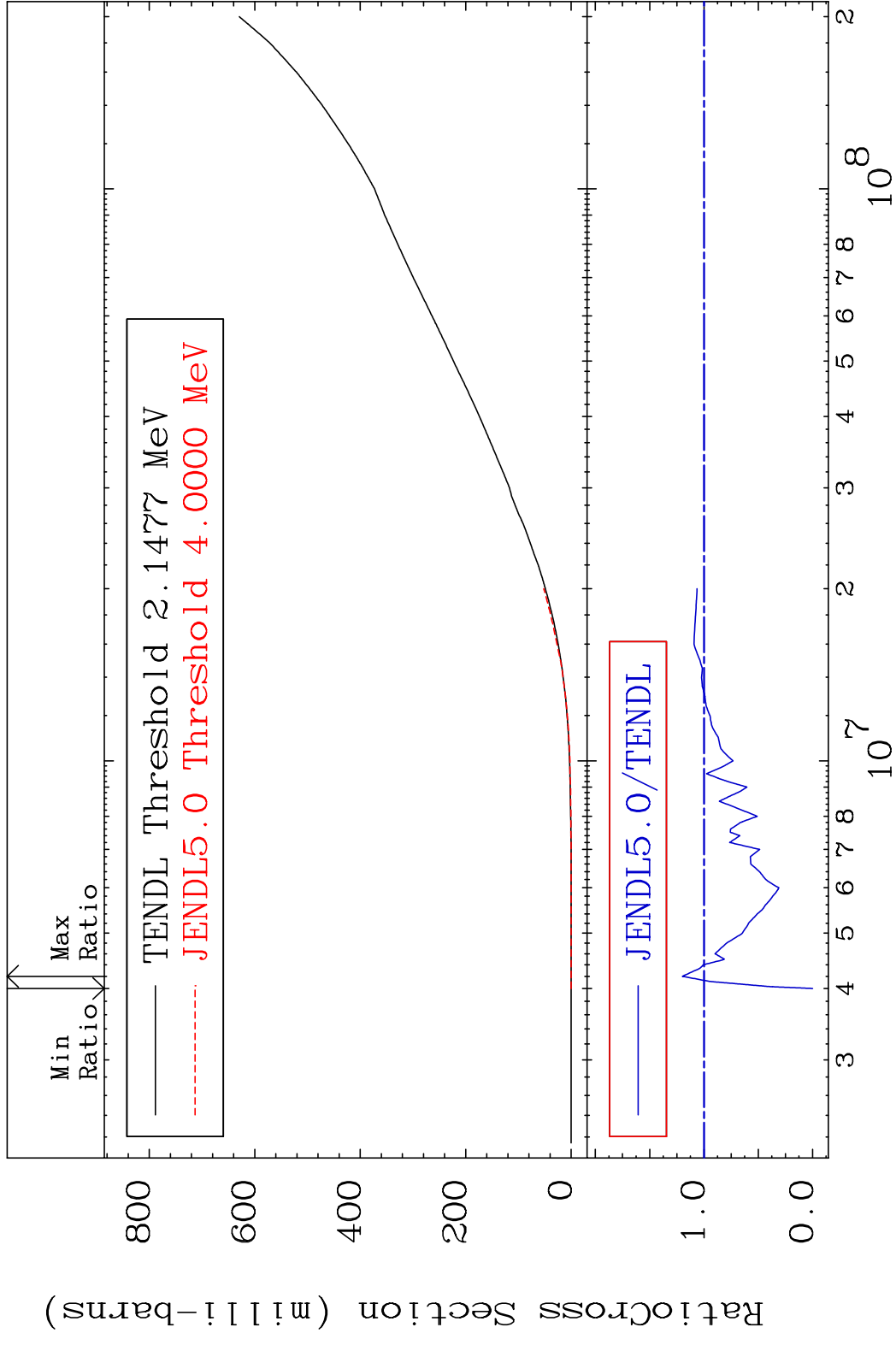


45

Incident Energy (eV)

36-Kr-85

MAT 3646 Hydrogen Production 36-Kr-85
 Cross Section -100.0 To 19.90 %

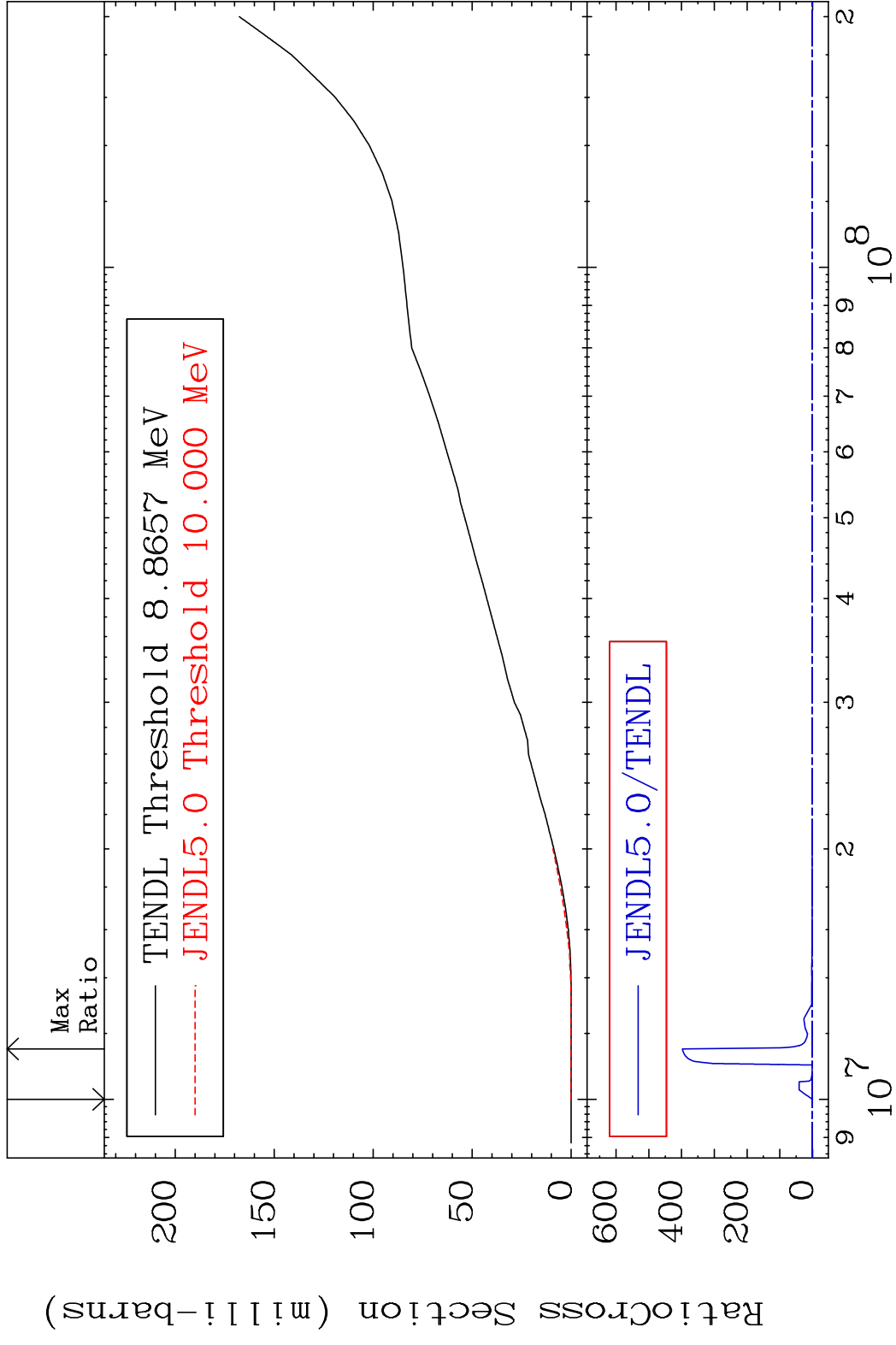


MAT 3646

Deuterium Production

36-Kr-85

Cross Section -100.0 To 9999. %



47

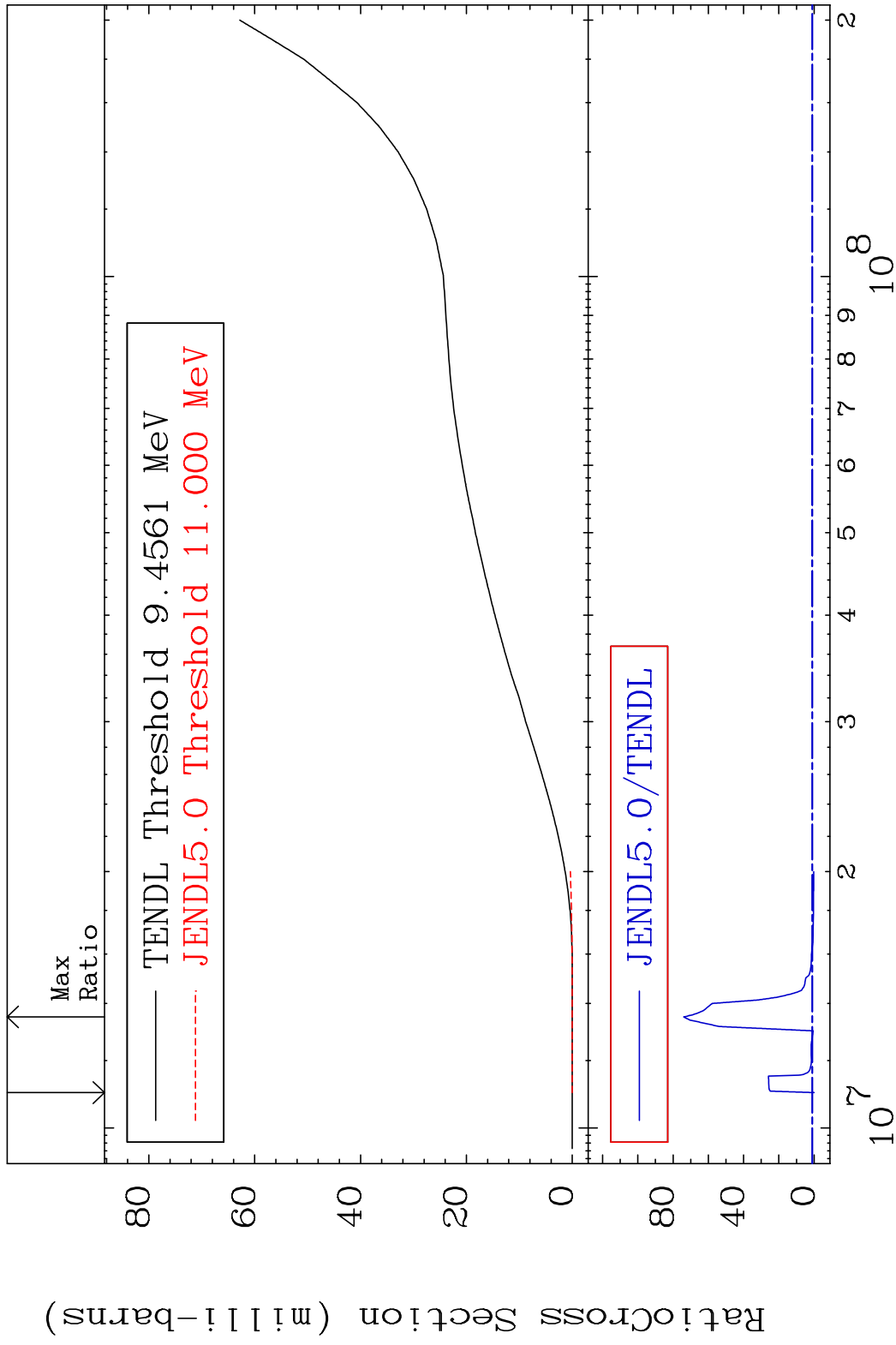
Incident Energy (eV)

36-Kr-85

MAT 3646

Tritium Production 36-Kr-85

Cross Section -100.0 To 7300. %



48

Incident Energy (eV)

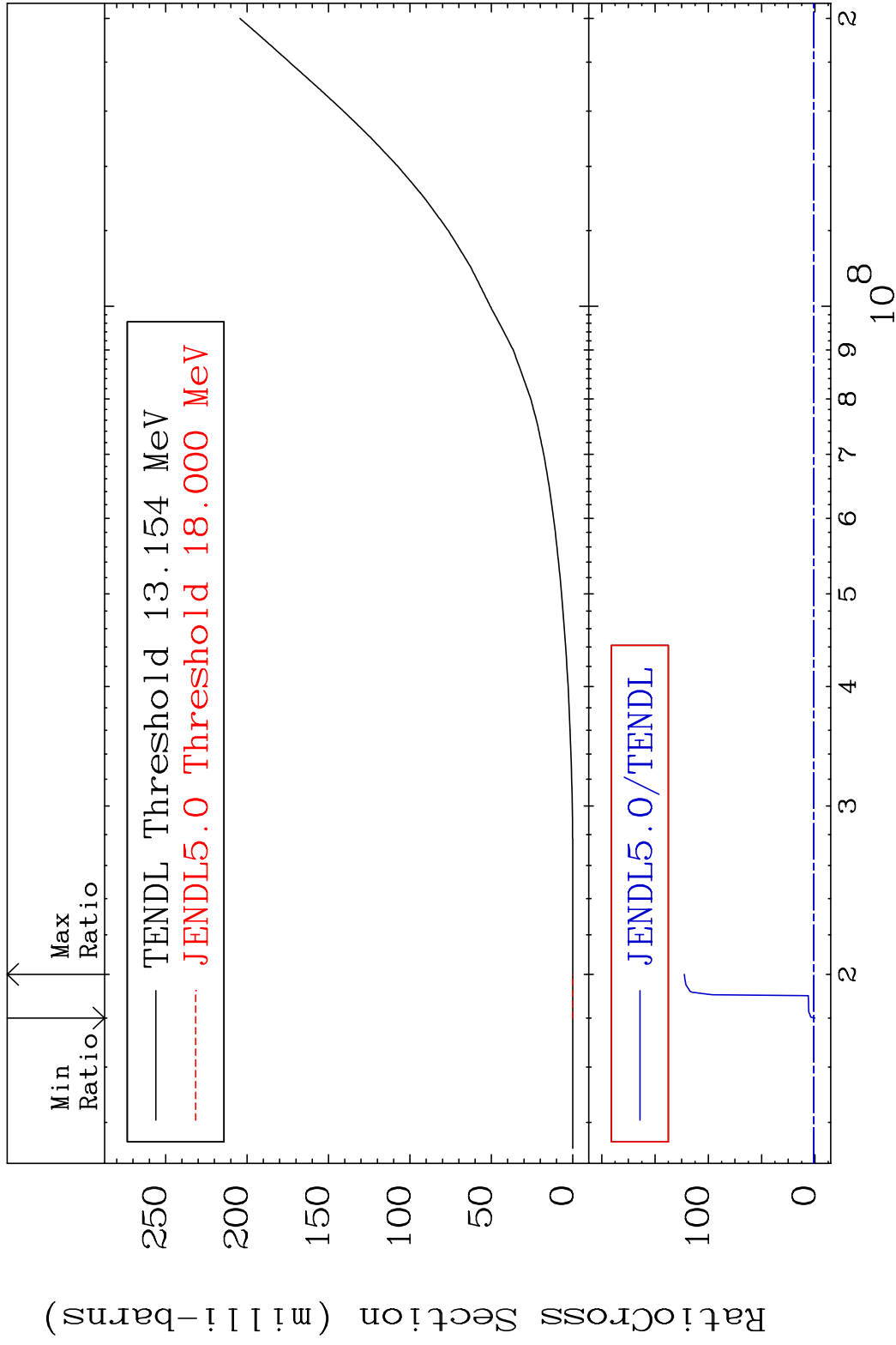
36-Kr-85

MAT 3646

He-3 Production

36-Kr-85

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

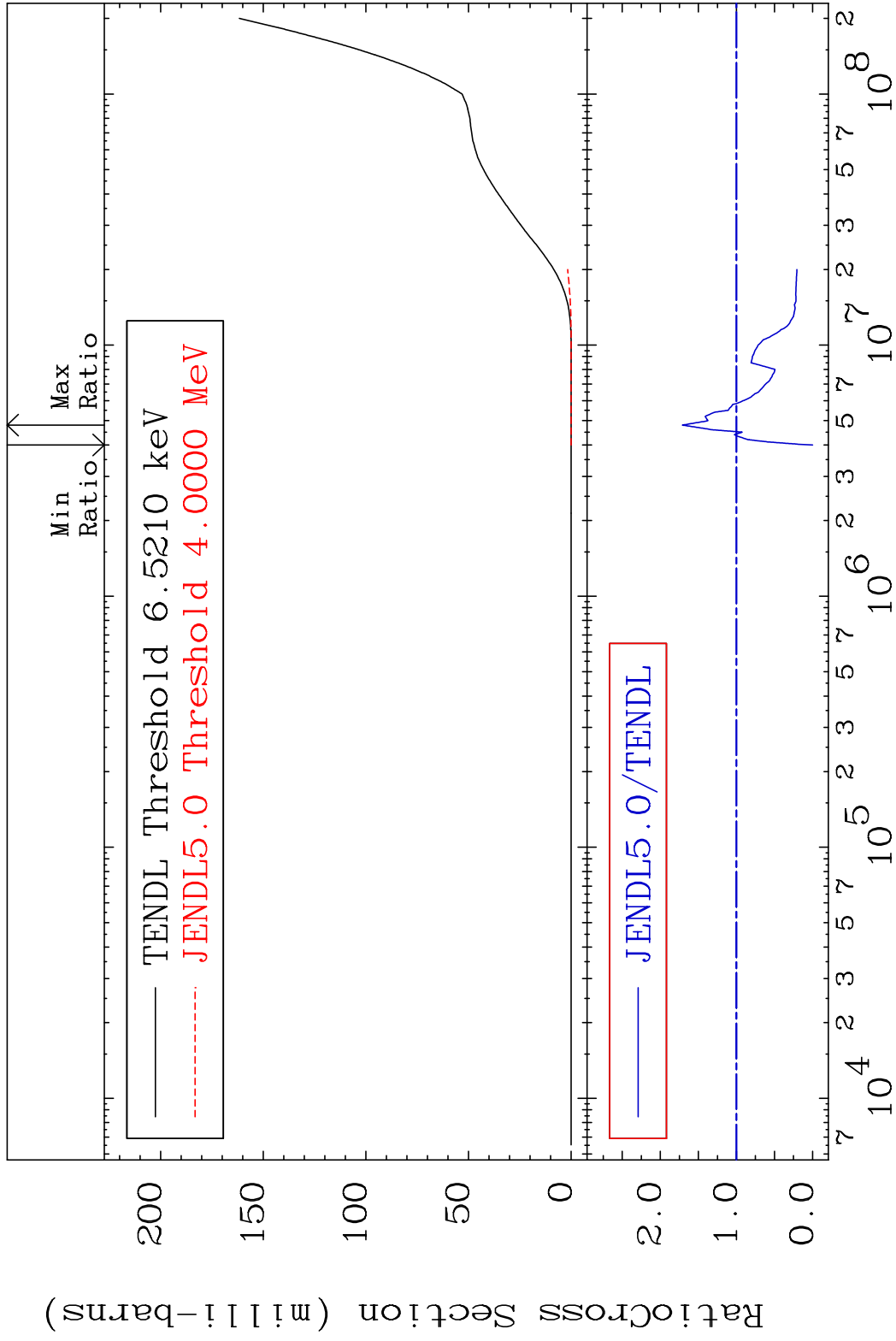
36-Kr-85

MAT 3646

He-4 Production

³⁶Kr-85

Cross Section -100.0 To 71.08 %

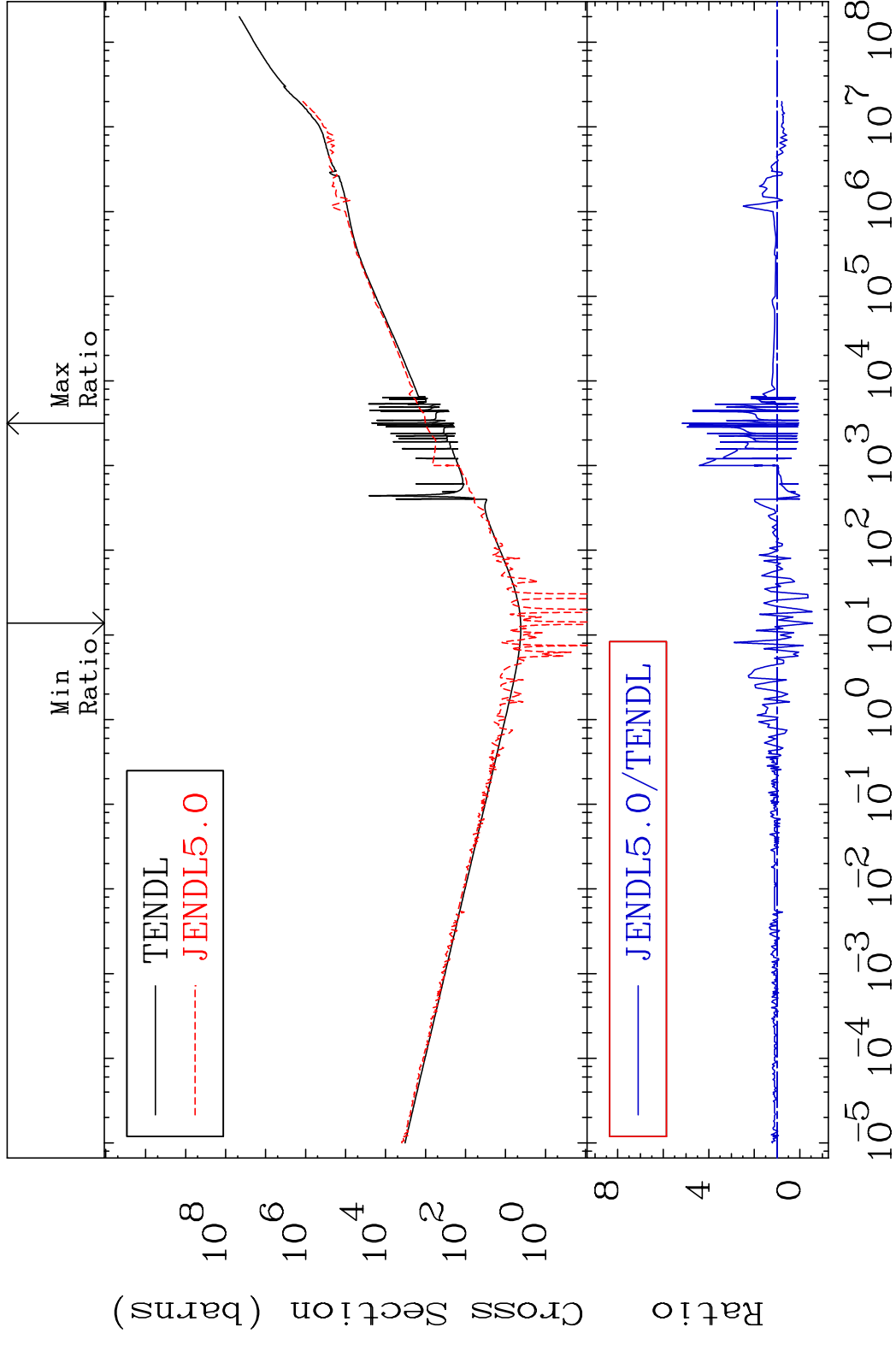


50

Incident Energy (eV)

³⁶Kr-85

MAT 3646 Kerma total (eV-barns) 36-Kr-85
 Cross Section -156.3 To 415.9 %



MAT 3646

Kerma elastic

36-Kr-85

Cross Section -99.74 To 425.2 %

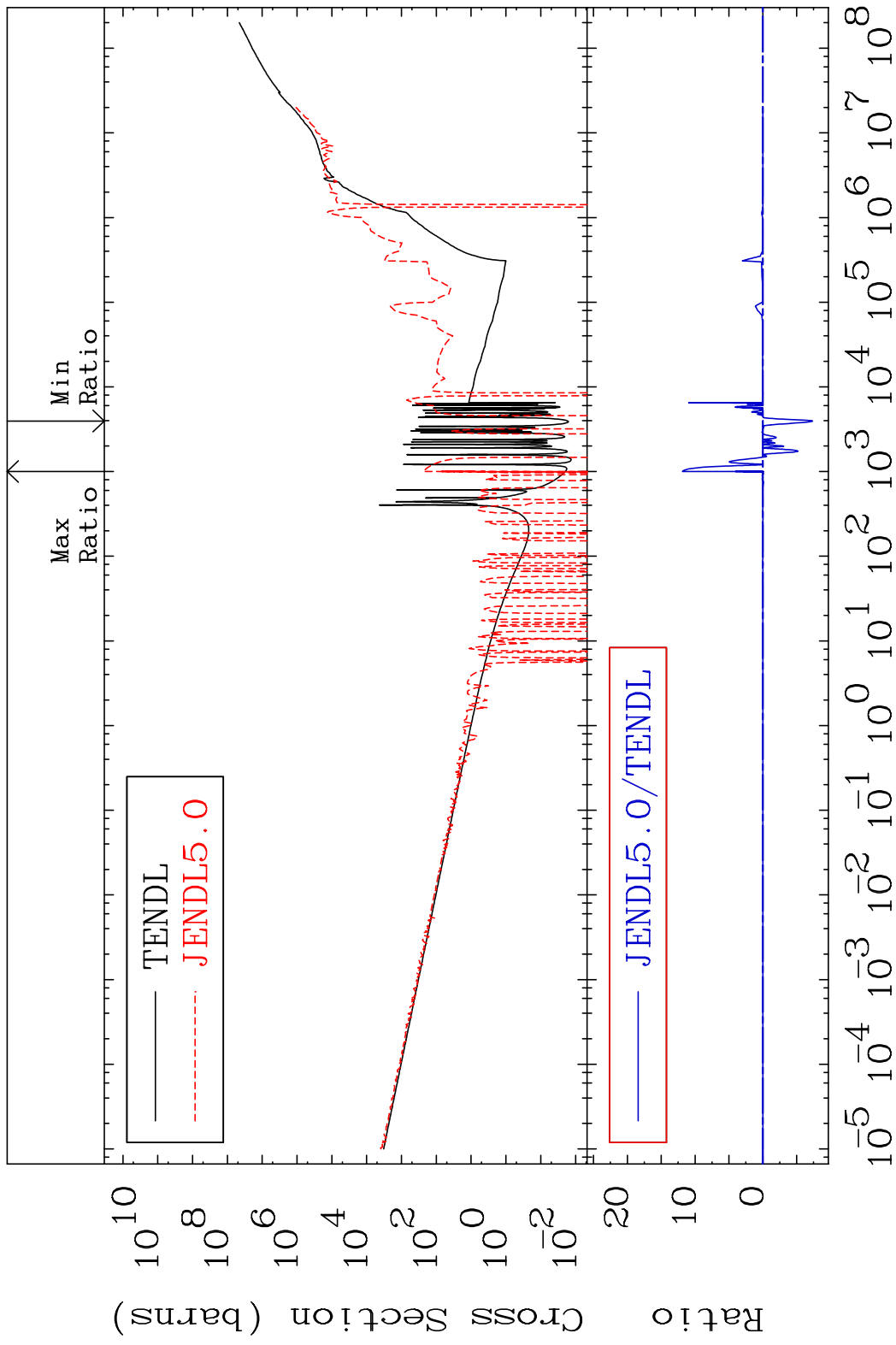


52

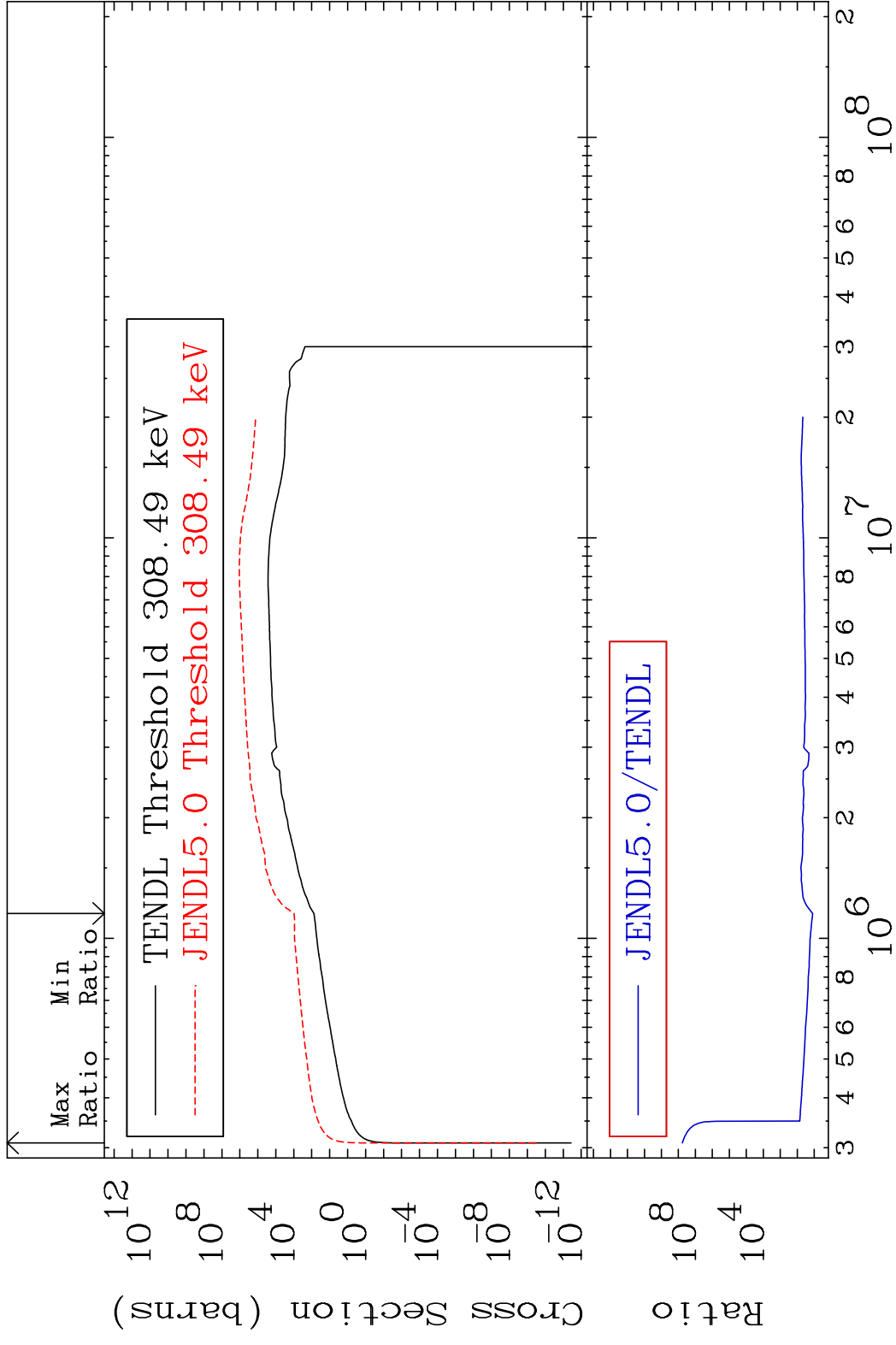
Incident Energy (eV)

36-Kr-85

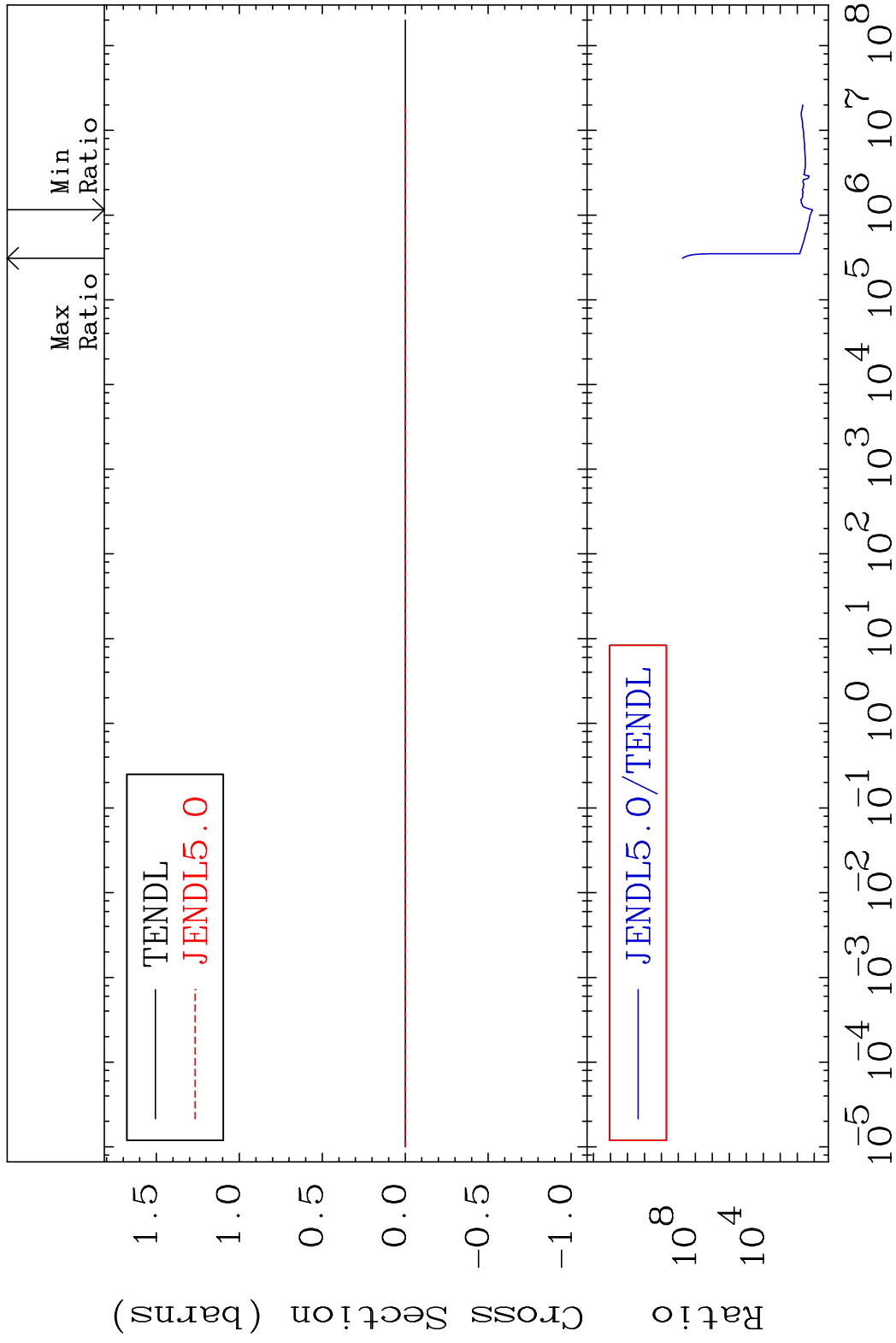
MAT 3646 Kerma non-elastic (all but mt2) 36-Kr-85
 Cross Section -9999. To 9999. %



MAT 3646 Kerma inelastic (mt51-91) 36-Kr-85
 Cross Section 1159. To 9999. %

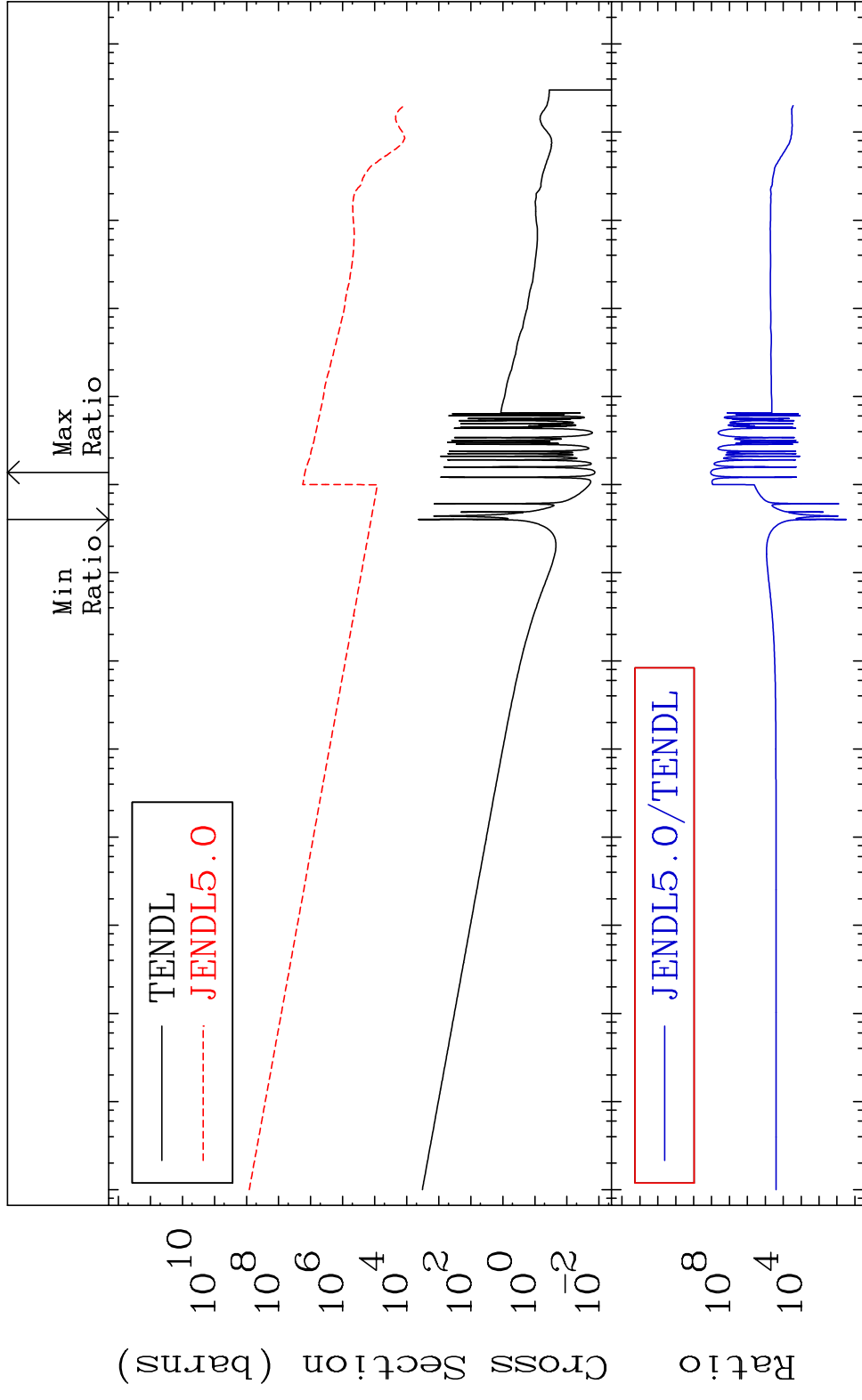


MAT 3646 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-85
 Cross Section 1159. To 9999. %



MAT 3646

Kerma capture (mt102) 36-Kr-85
Cross Section 2898. To 9999. %

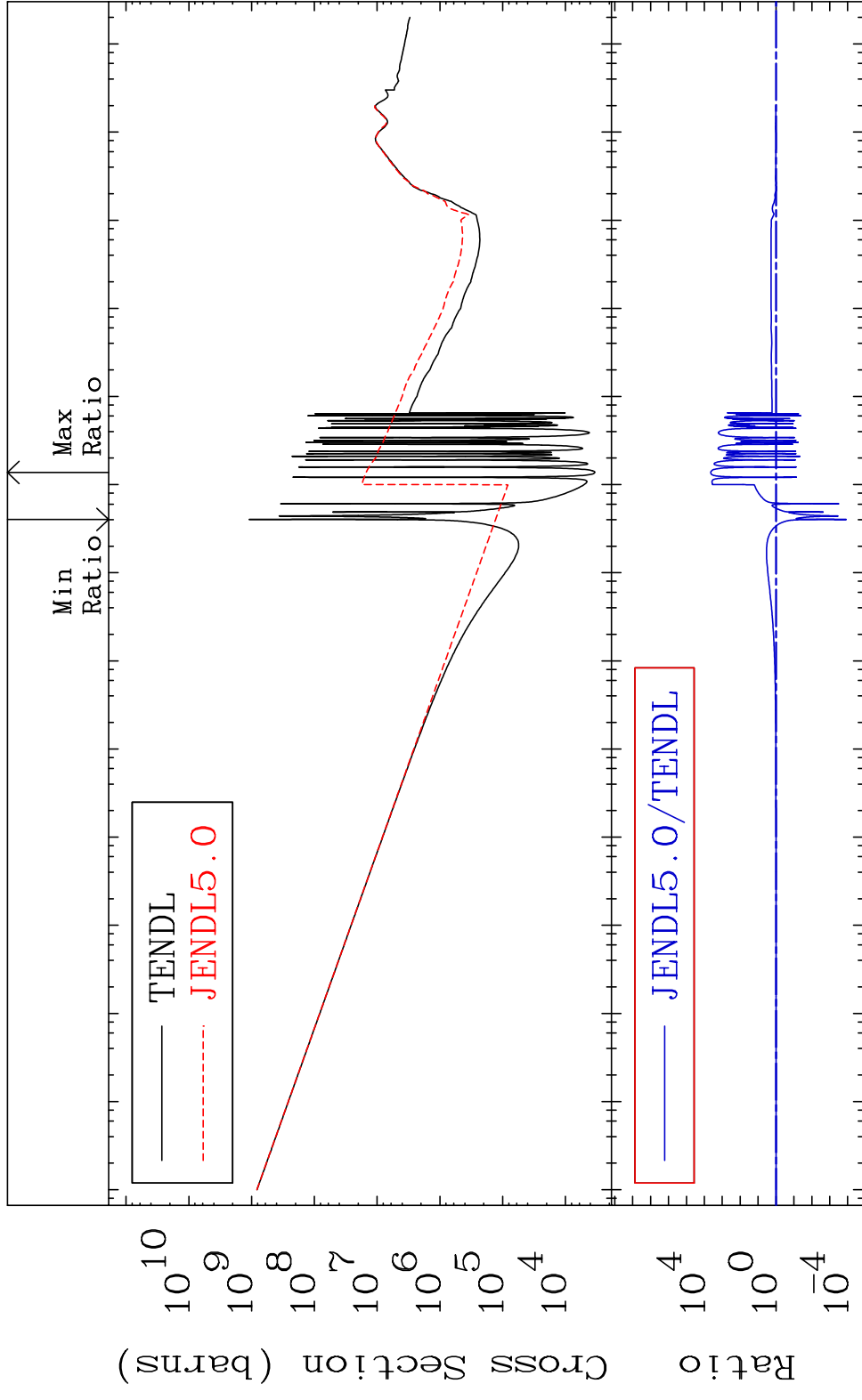


56

Incident Energy (eV)

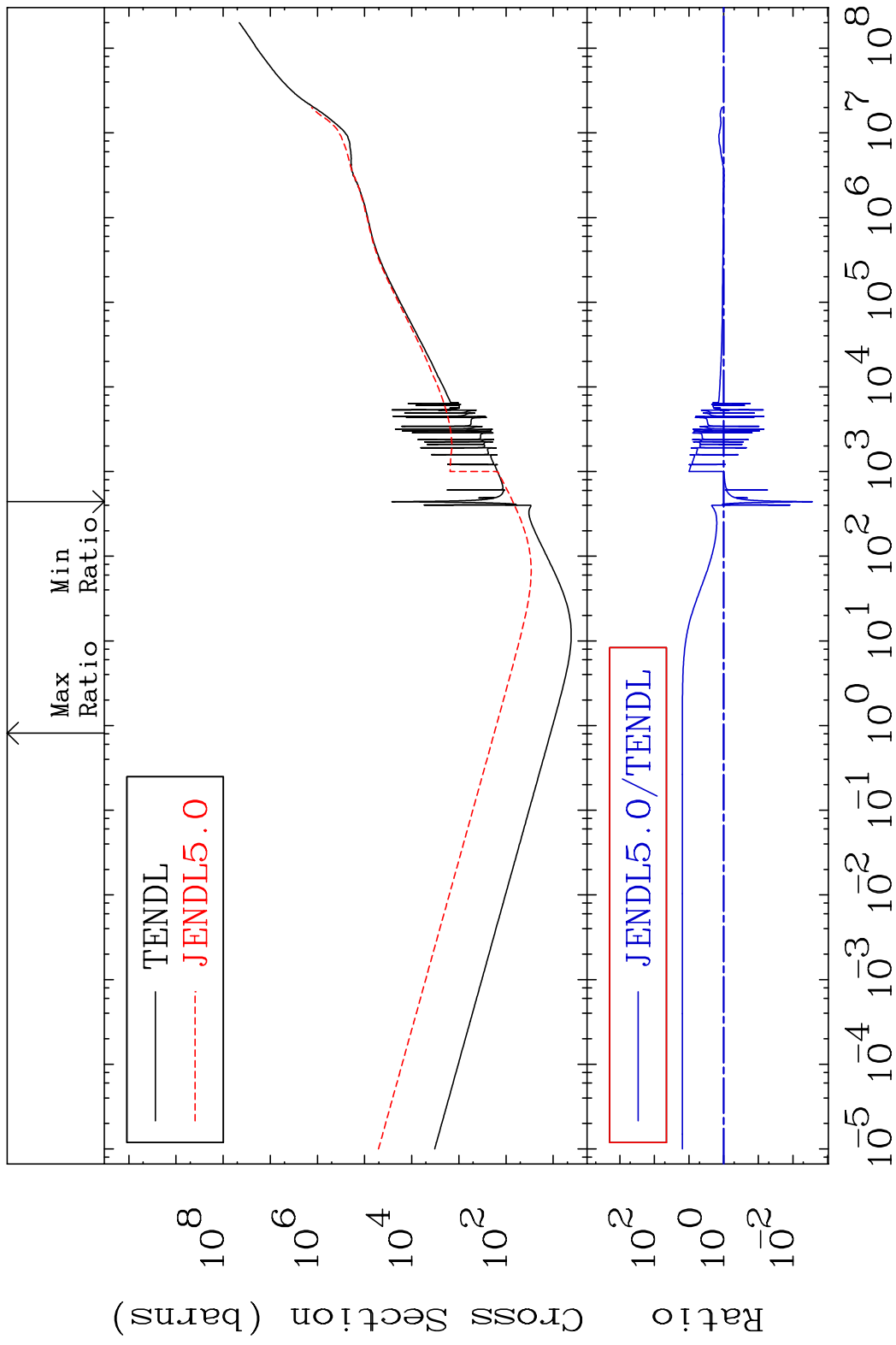
36-Kr-85

MAT 3646 Total photon (eV-barns) 36-Kr-85
 Cross Section -99.99 To 9999. %

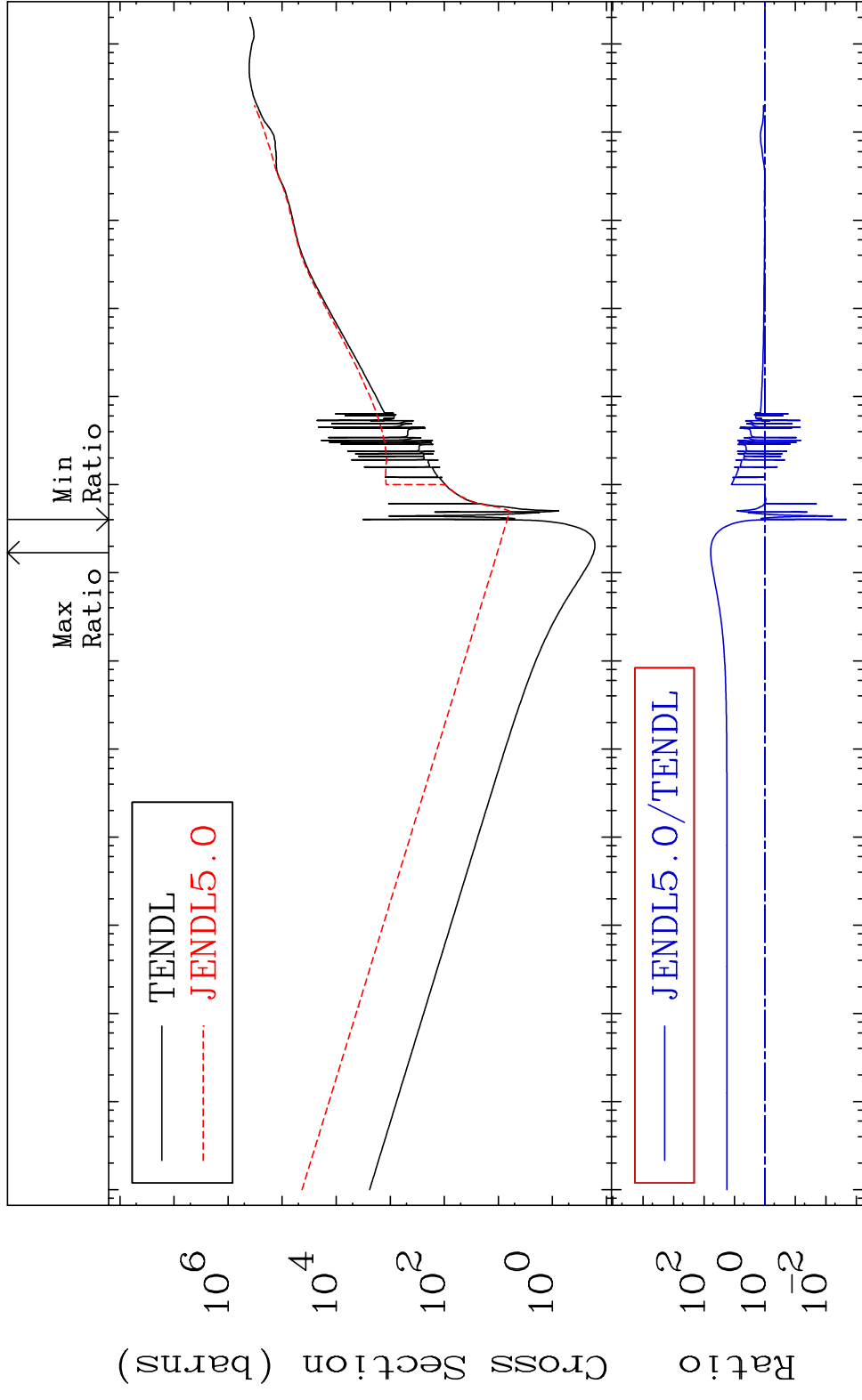


57 Incident Energy (eV) 36-Kr-85

MAT 3646 Total kinematic kerma (high limit) 36-Kr-85
 Cross Section -99.73 To 1463. %



MAT 3646 Dpa total (eV-barns) 36-Kr-85
 Cross Section -99.79 To 5947. %



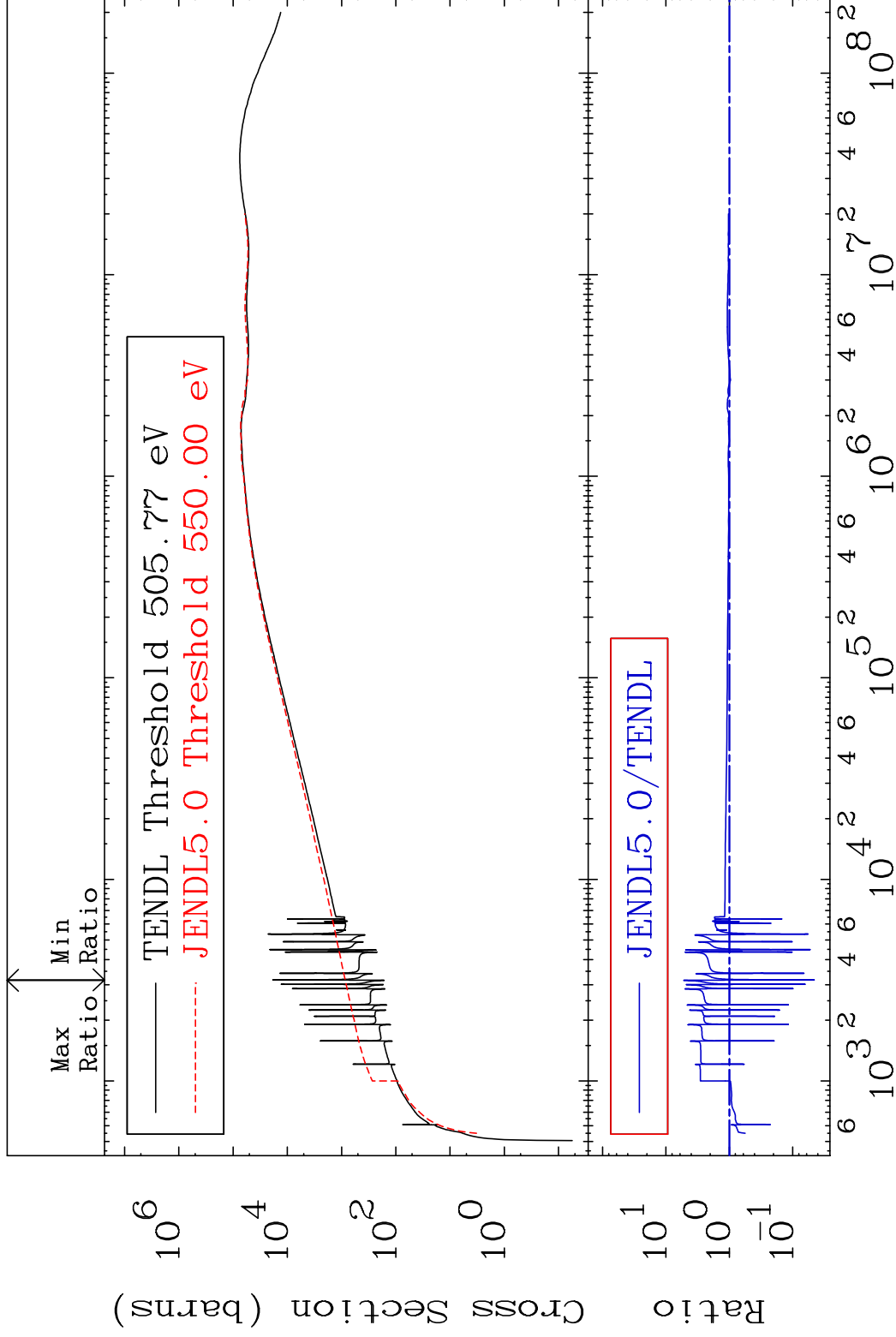
59 Incident Energy (eV) 36-Kr-85

MAT 3646

Dpa elastic (mt2)

36-Kr-85

Cross Section -95.41 To 424.6 %

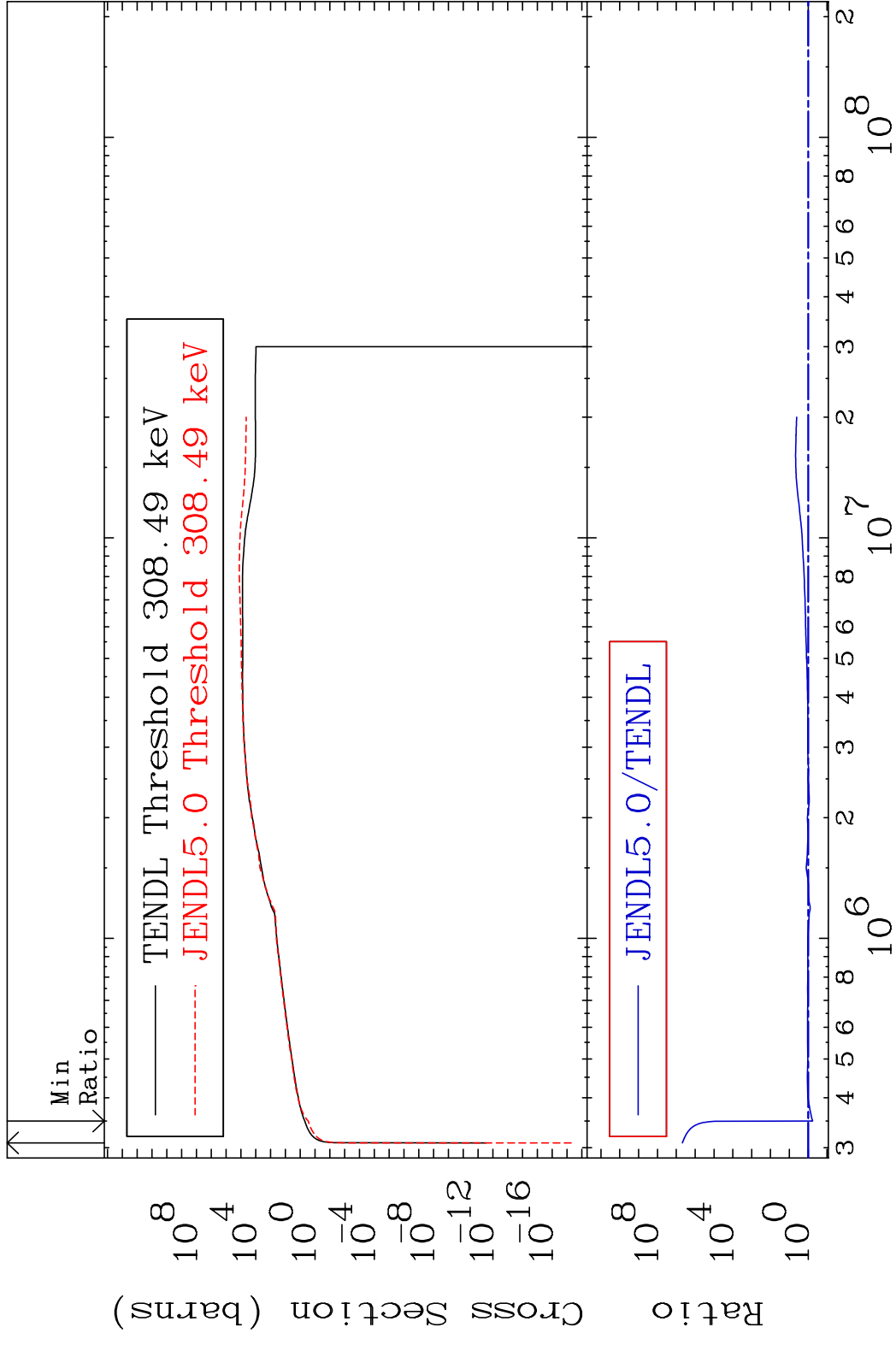


60

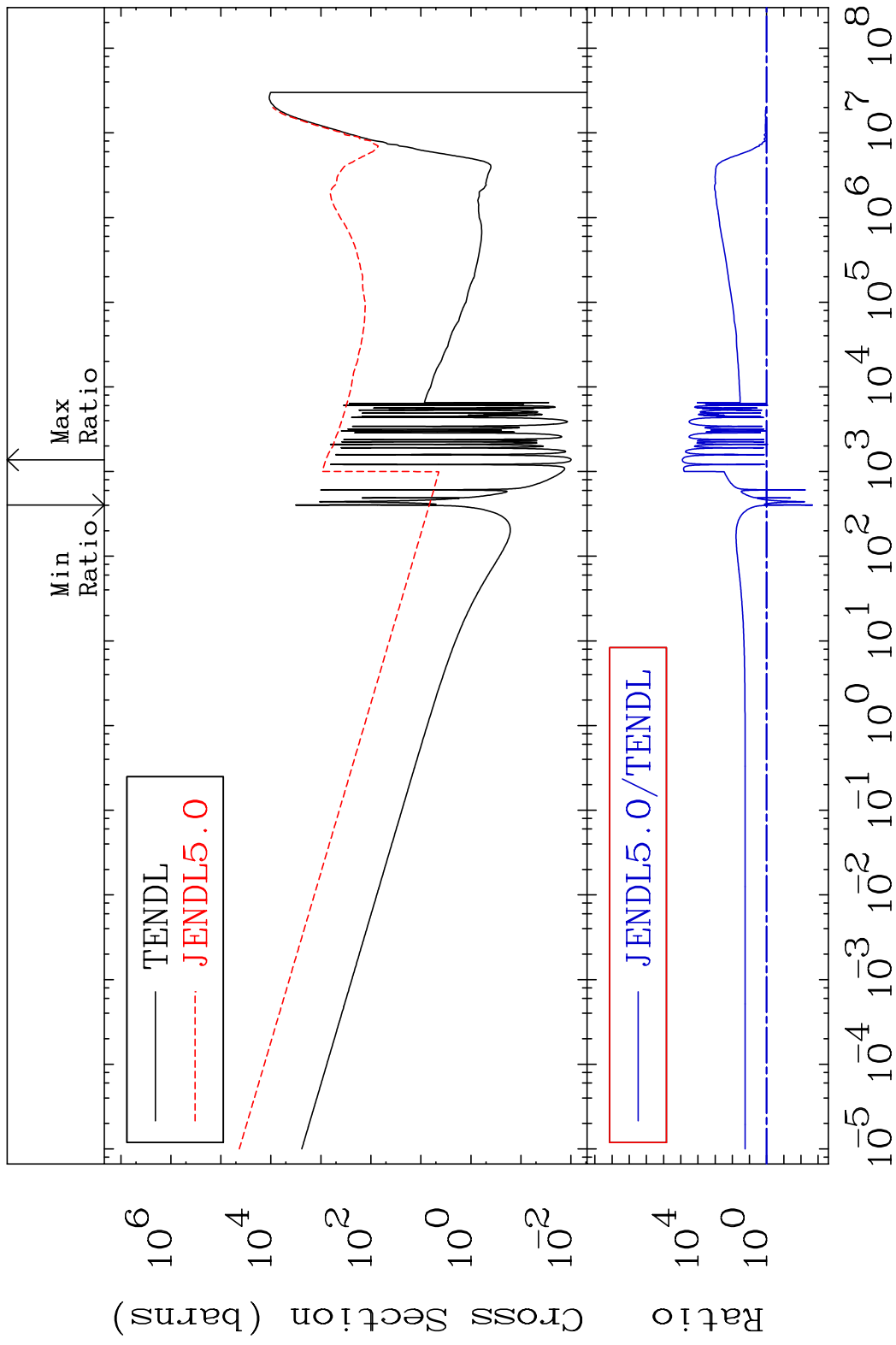
Incident Energy (eV)

36-Kr-85

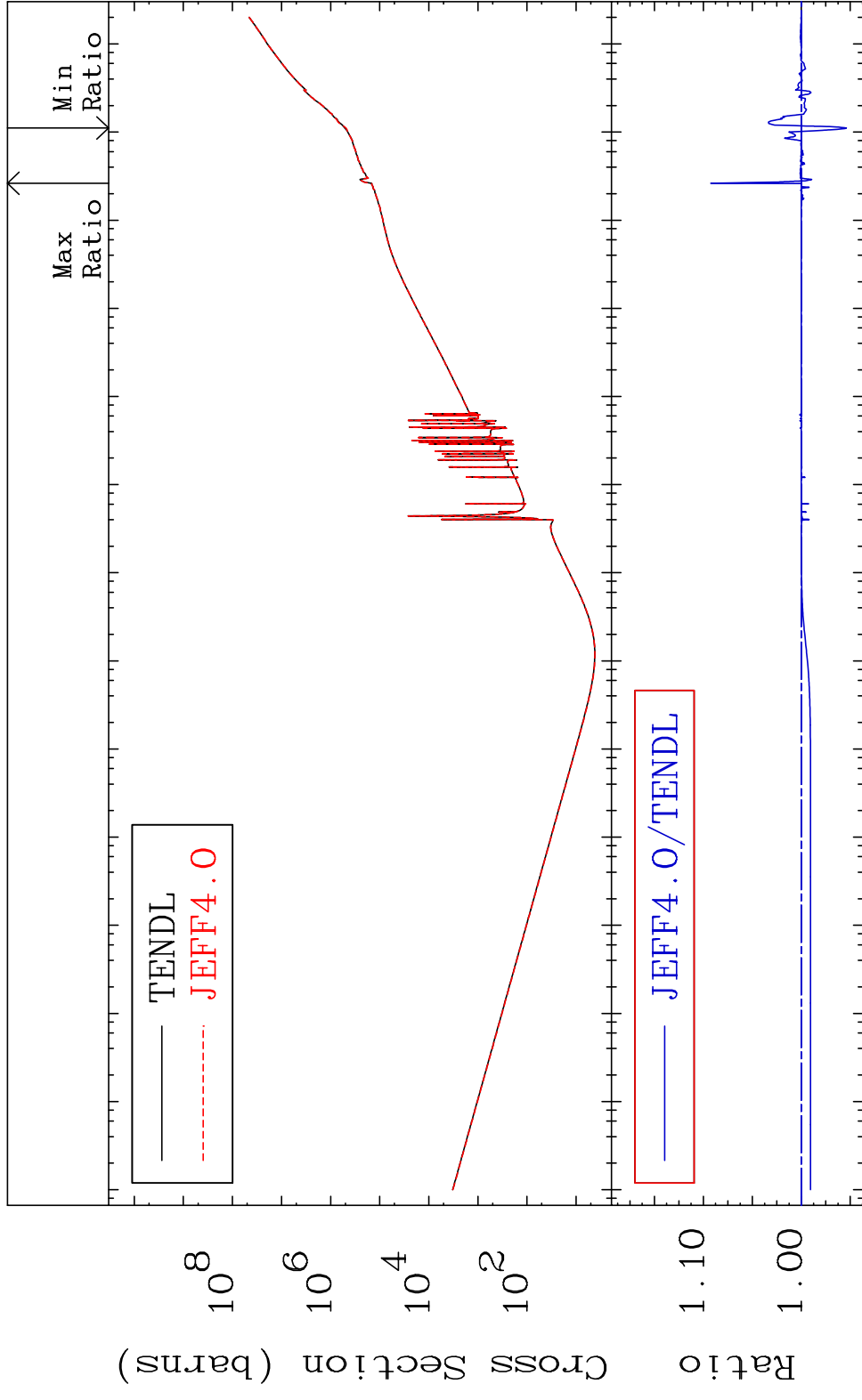
MAT 3646 Dpa inelastic (mt51-91) 36-Kr-85
 Cross Section -41.29 To 9999. %



MAT 3646 Dpa disappearance (mt102 -120) 36-Kr-85
 Cross Section -99.79 To 9999. %



MAT 3646 Kerma total (eV-barns) 36-Kr-85
 Cross Section -4.606 To 9.251 %

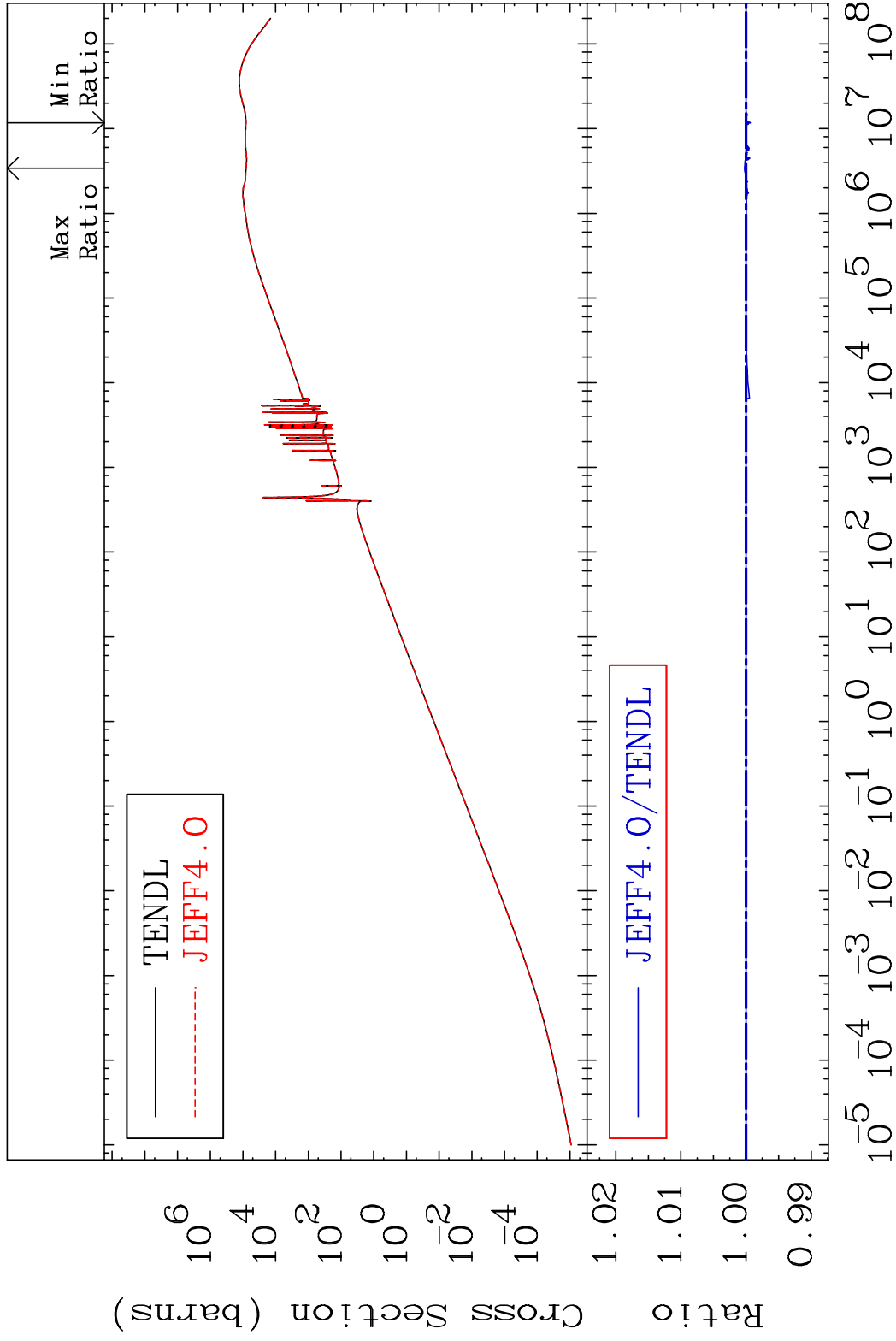


MAT 3646

Kerma elastic

36-Kr-85

Cross Section -0.0677 To 0.023 %

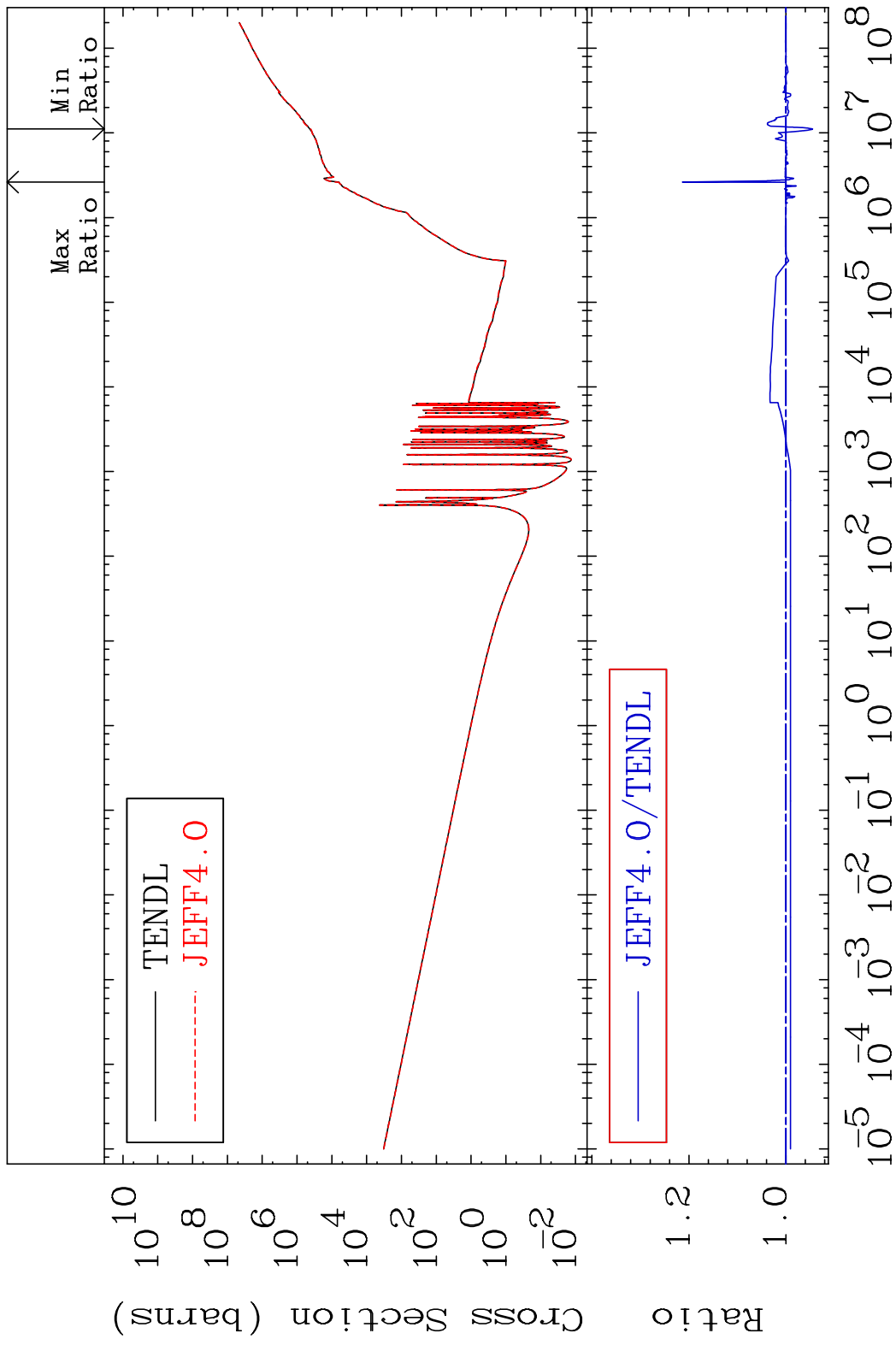


64

Incident Energy (eV)

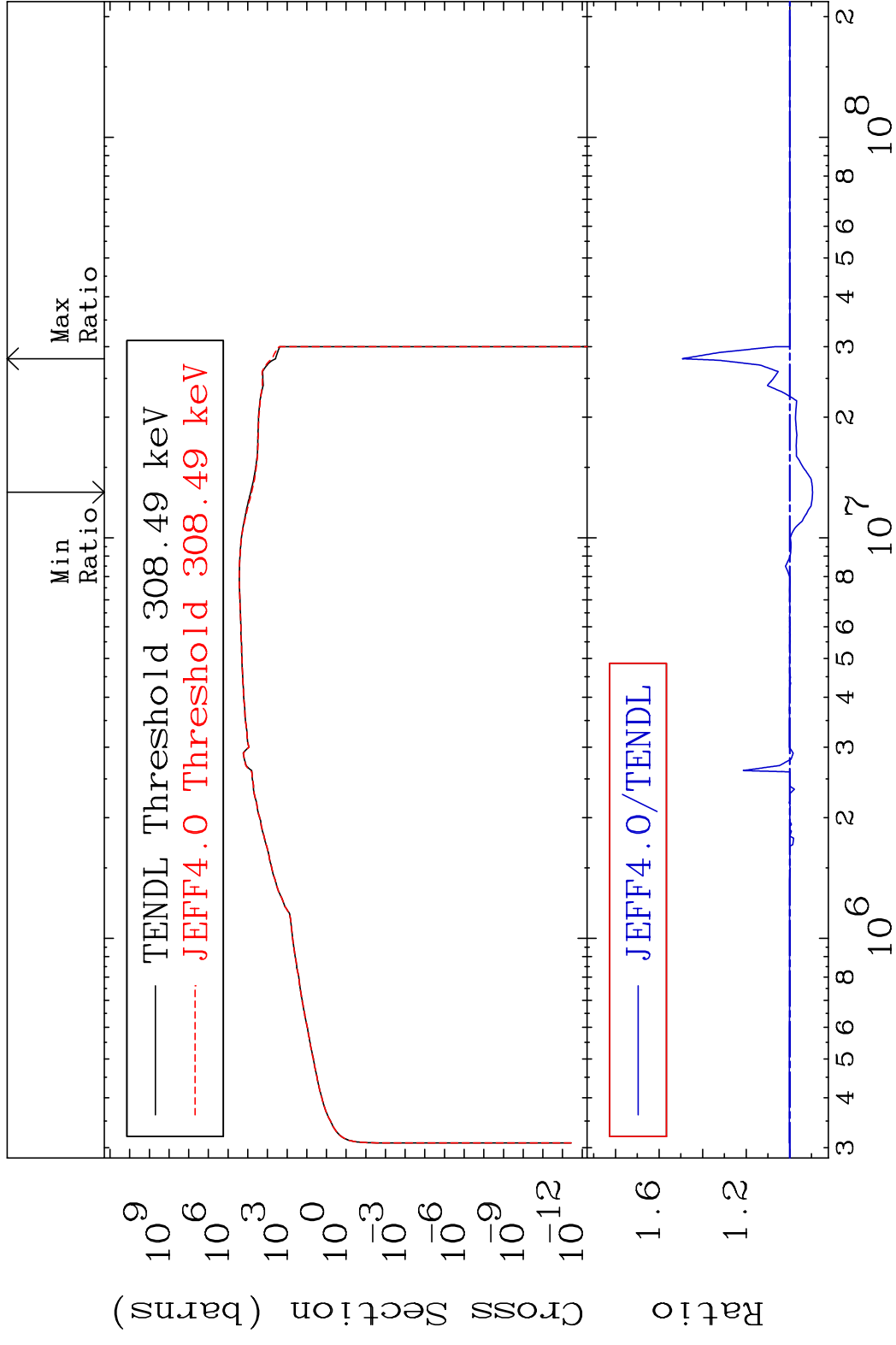
36-Kr-85

MAT 3646 Kerma non-elastic (all but mt2) 36-Kr-85
 Cross Section -5.483 To 21.36 %

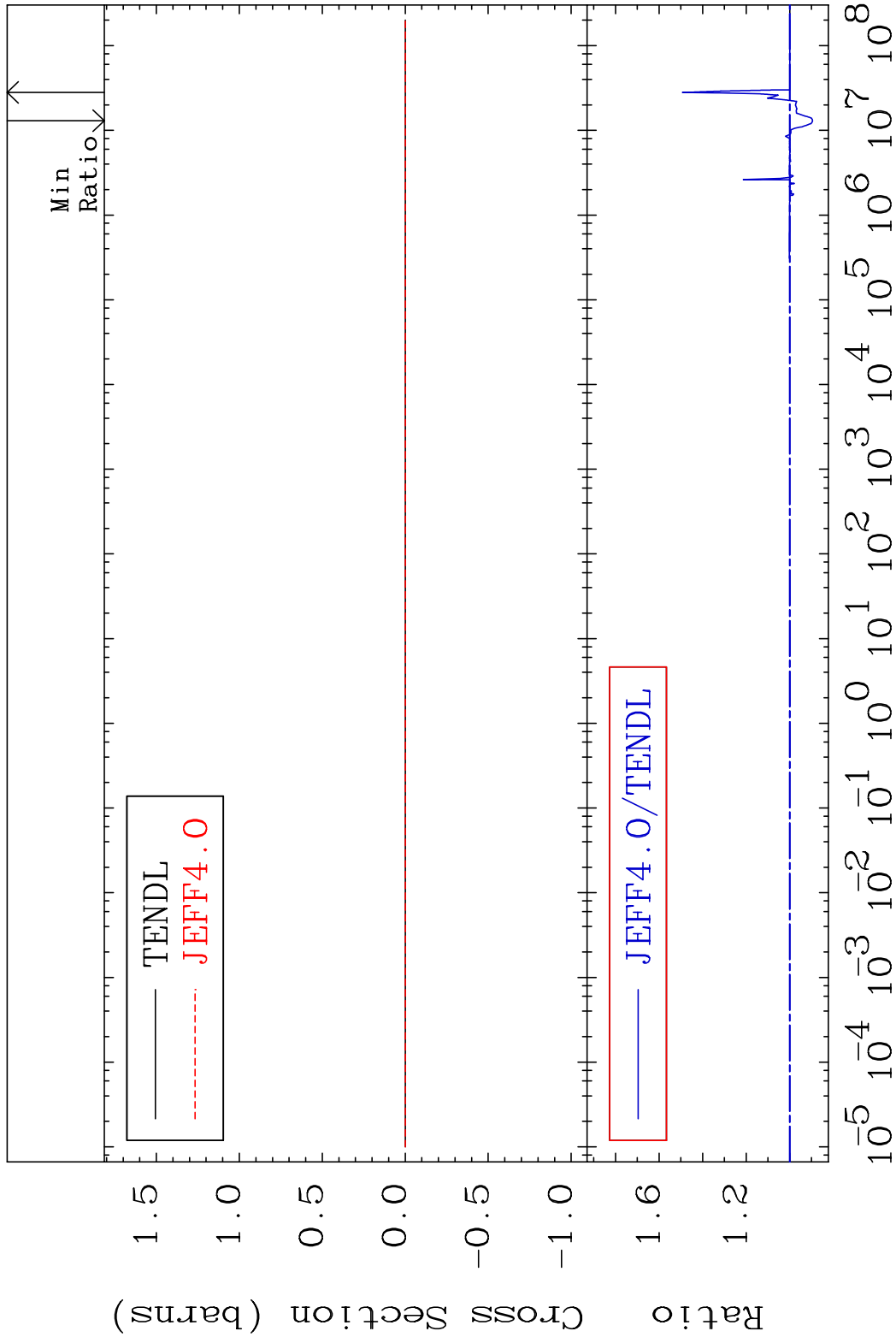


65 Incident Energy (eV) 36-Kr-85

MAT 3646 Kerma inelastic (mt51-91) 36-Kr-85
 Cross Section -10.49 To 49.31 %

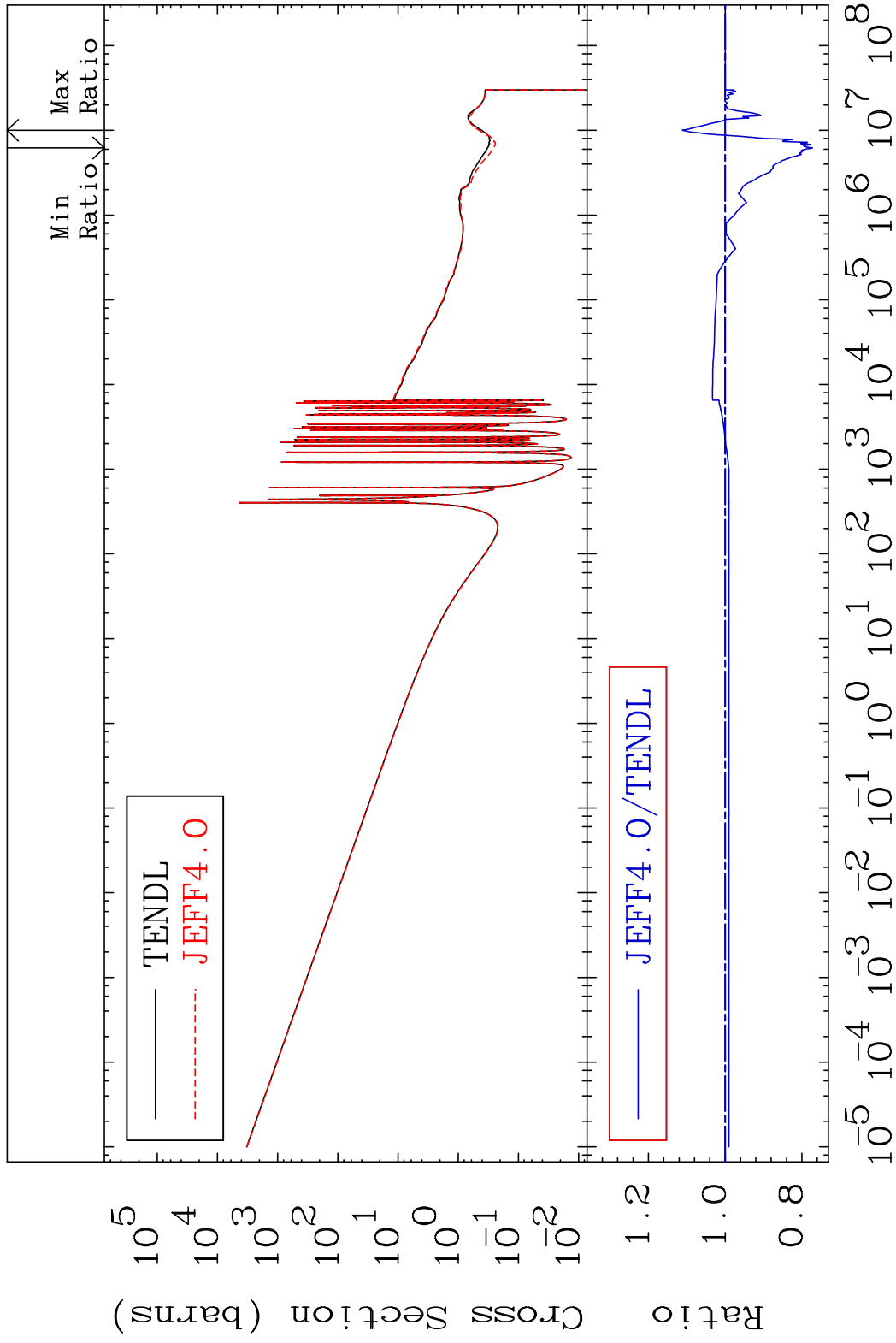


MAT 3646 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-85
 Cross Section -10.49 To 49.31 %



MAT 3646

Kerma capture (mt102) 36-Kr-85
Cross Section -22.77 To 11.15 %



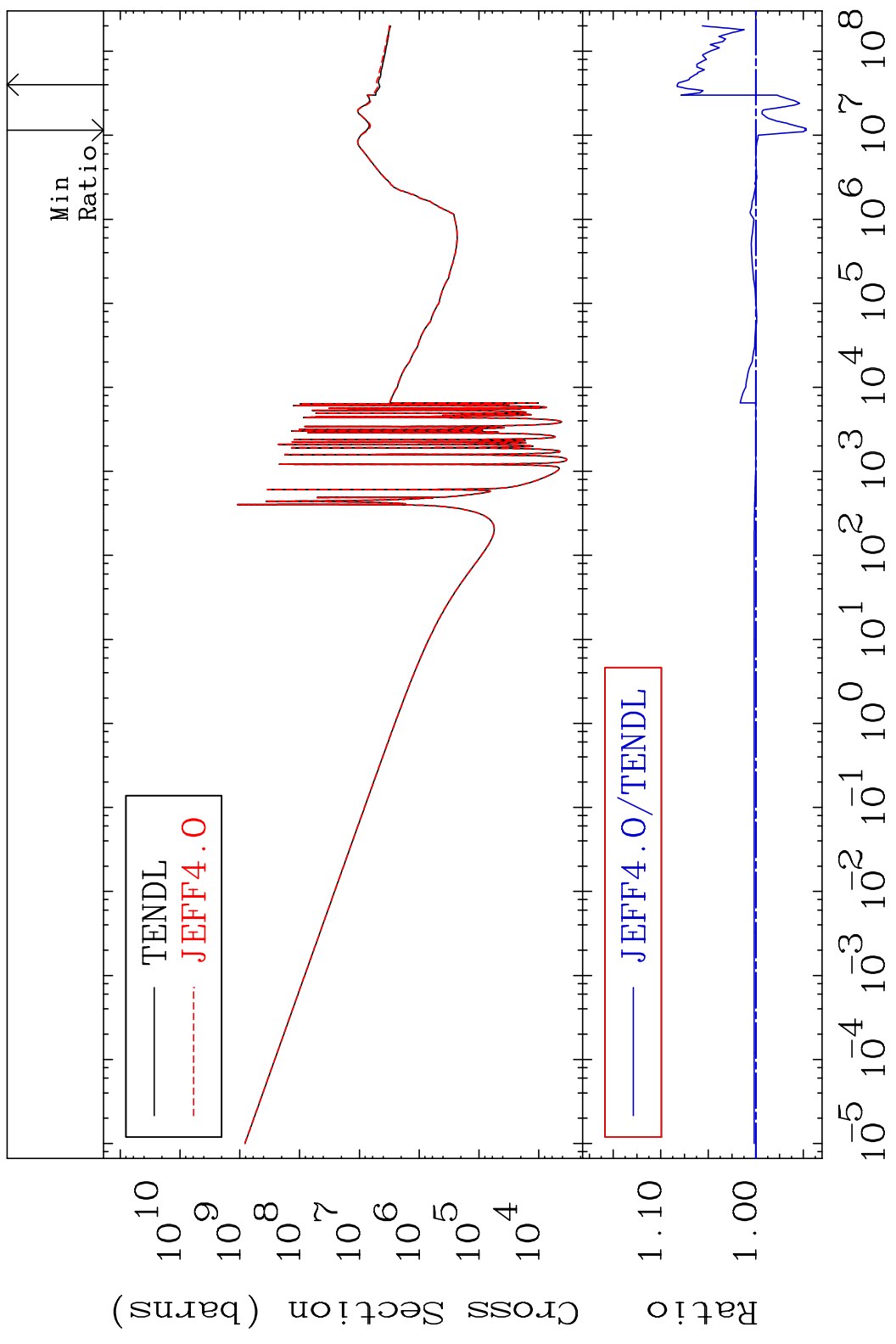
68

Incident Energy (eV)

36-Kr-85

MAT 3646

Total photon (eV-barns) 36-Kr-85
Cross Section -5.316 To 8.270 %

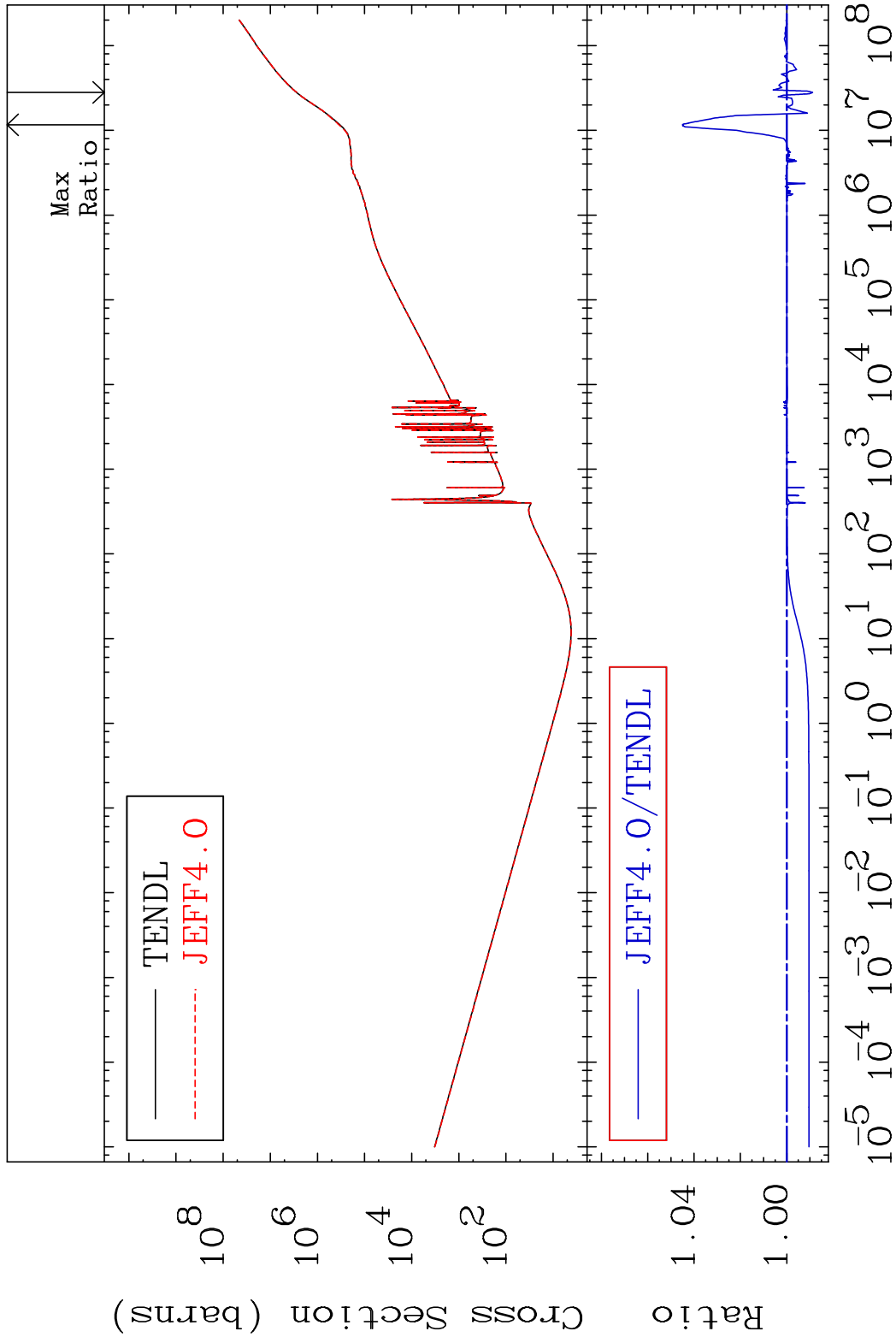


69

Incident Energy (eV)

36-Kr-85

MAT 3646 Total kinematic kerma (high limit) 36-Kr-85
Cross Section -1.113 To 4.506 %



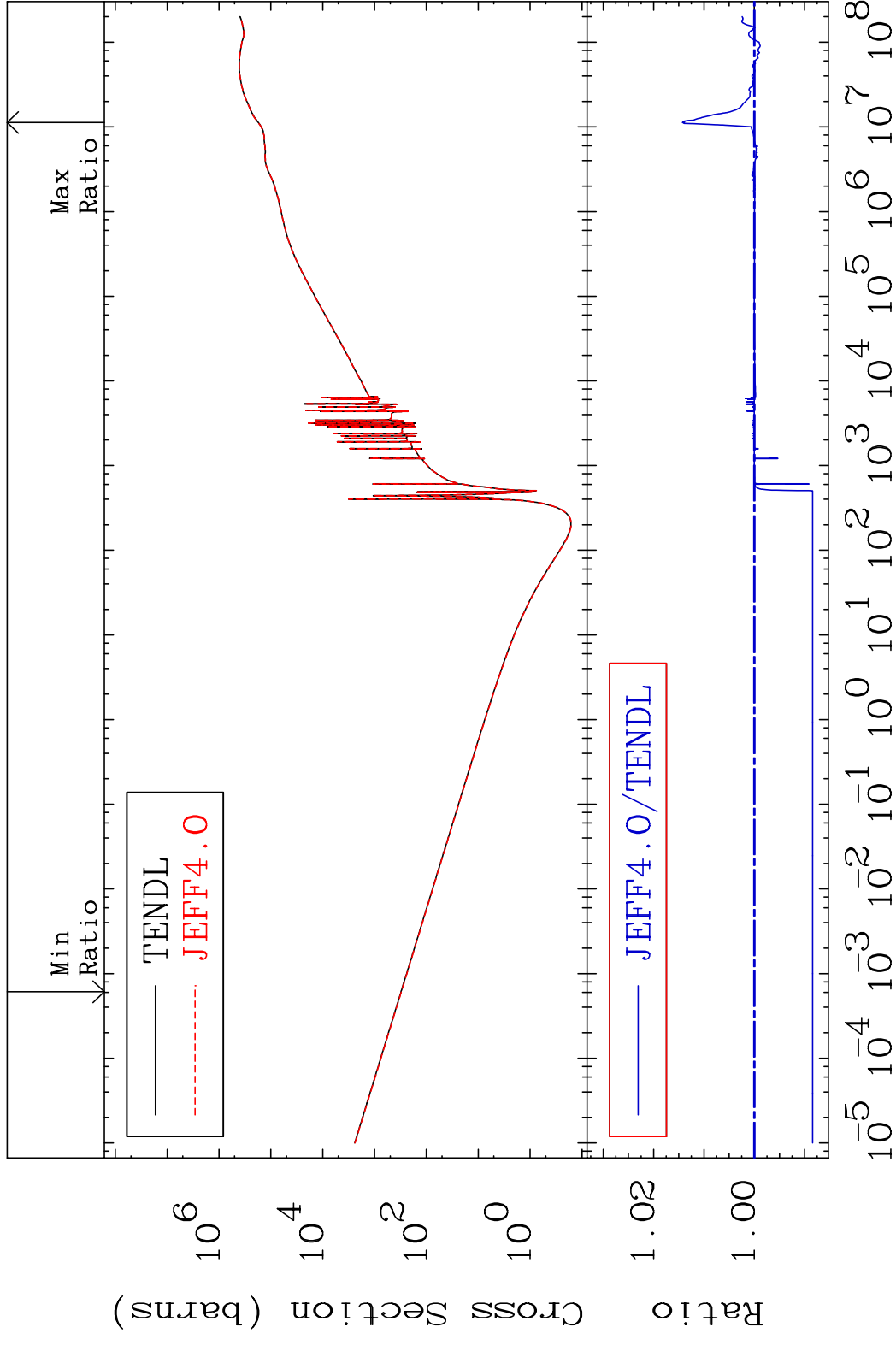
70 Incident Energy (eV) 36-Kr-85

MAT 3646

Dpa total (eV-barns)

36-Kr-85

Cross Section -1.157 To 1.429 %



71

Incident Energy (eV)

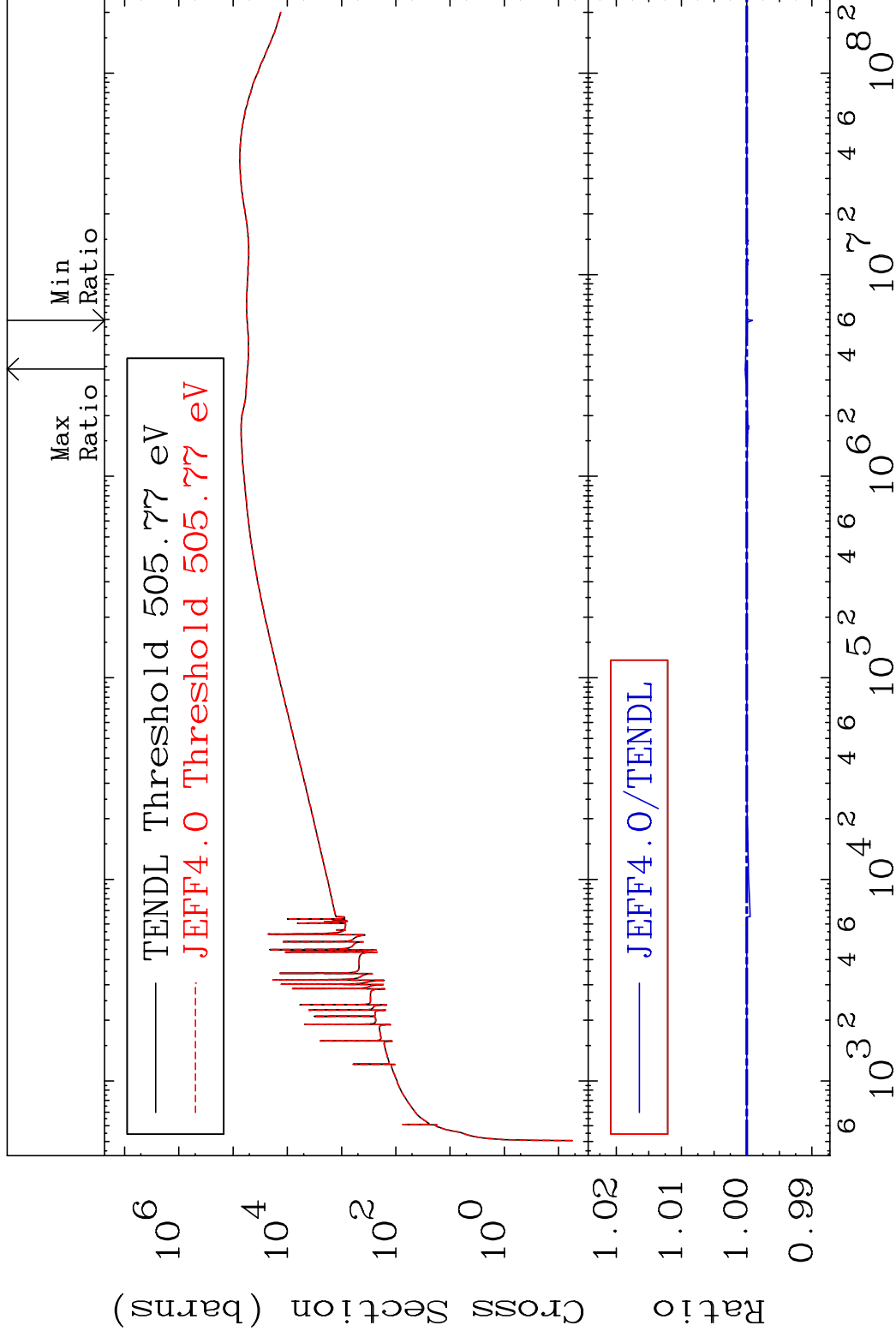
36-Kr-85

MAT 3646

Dpa elastic (mt2)

36-Kr-85

Cross Section -0.089 To 0.023 %

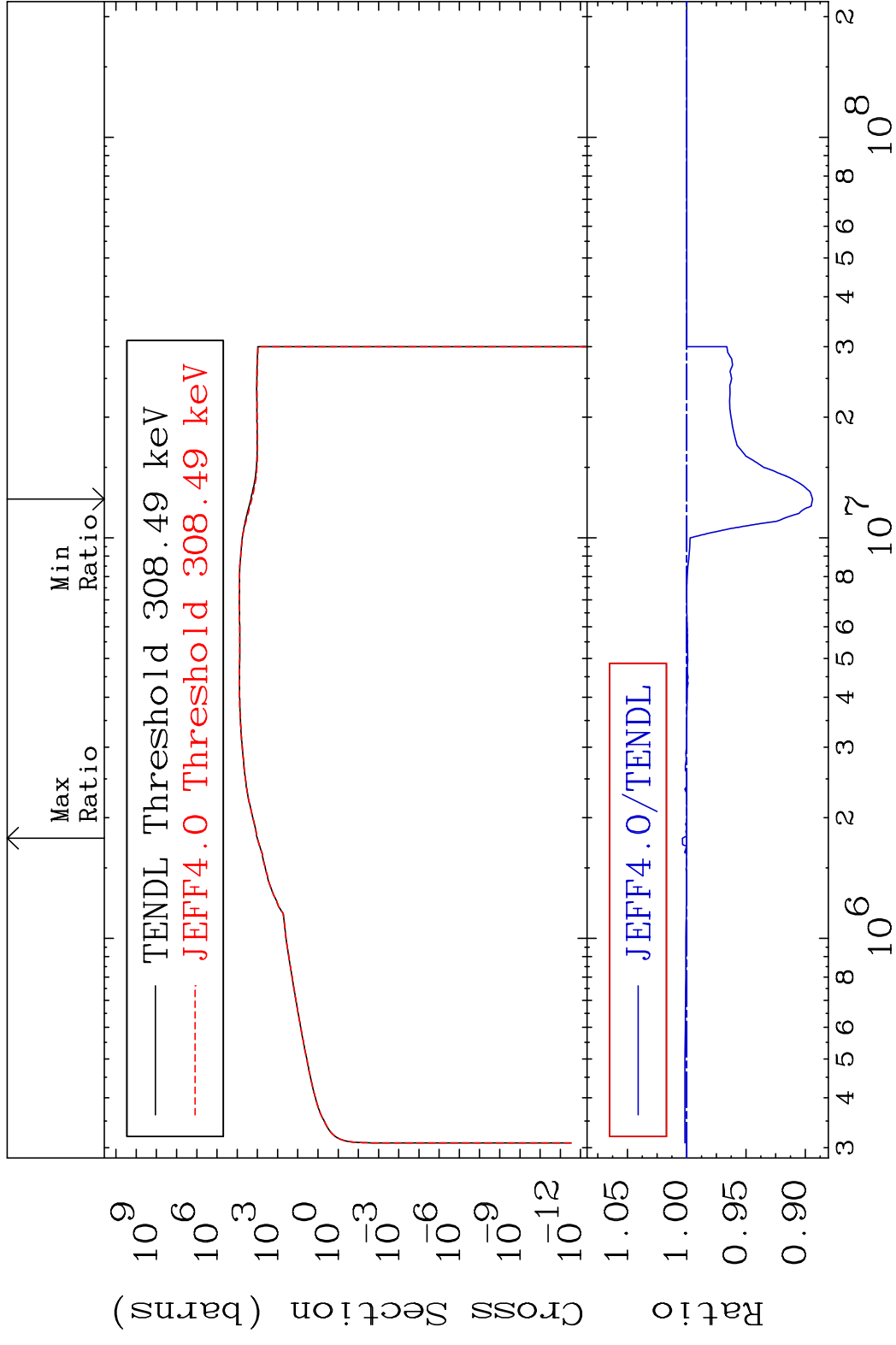


72

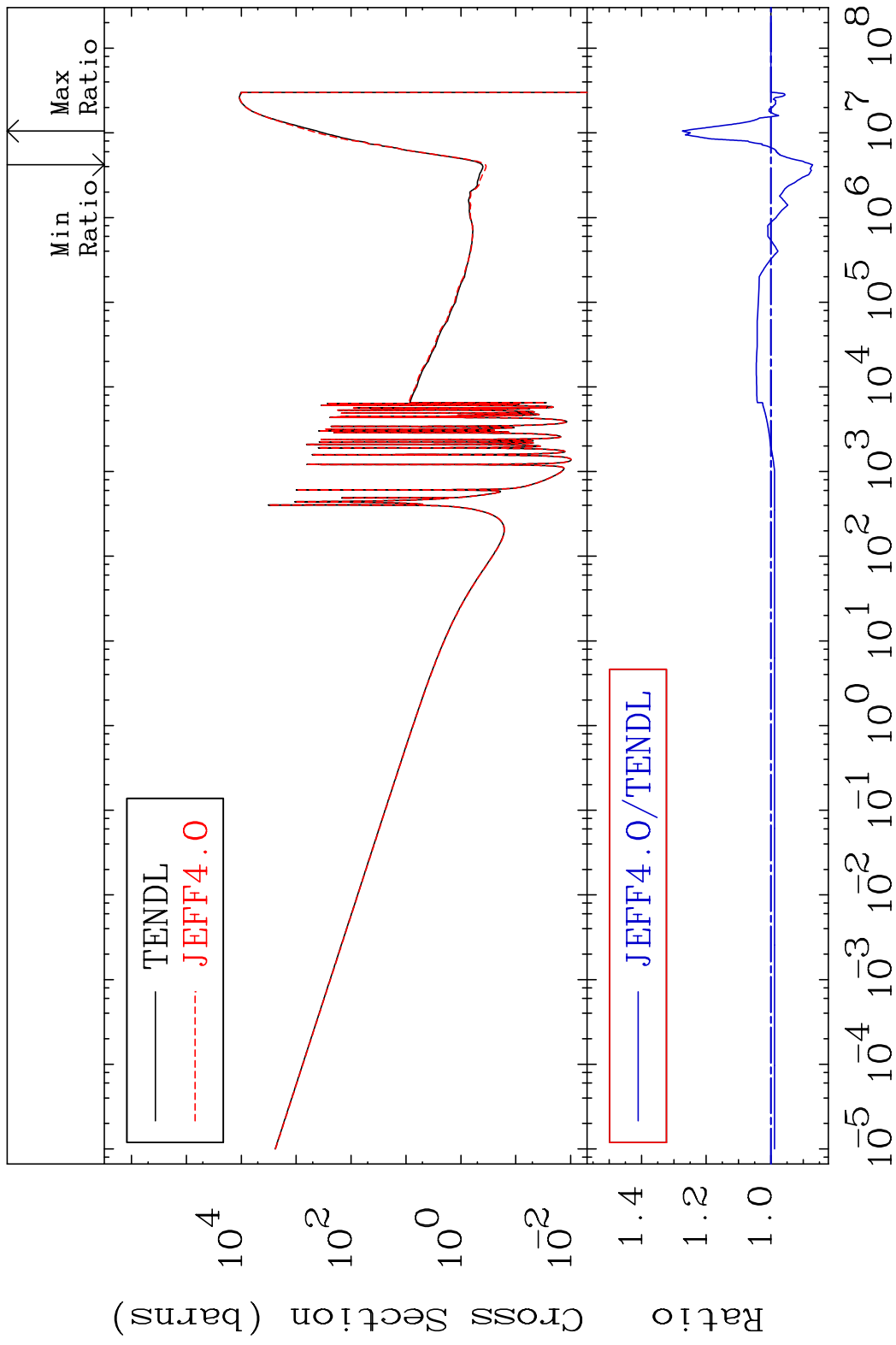
Incident Energy (eV)

36-Kr-85

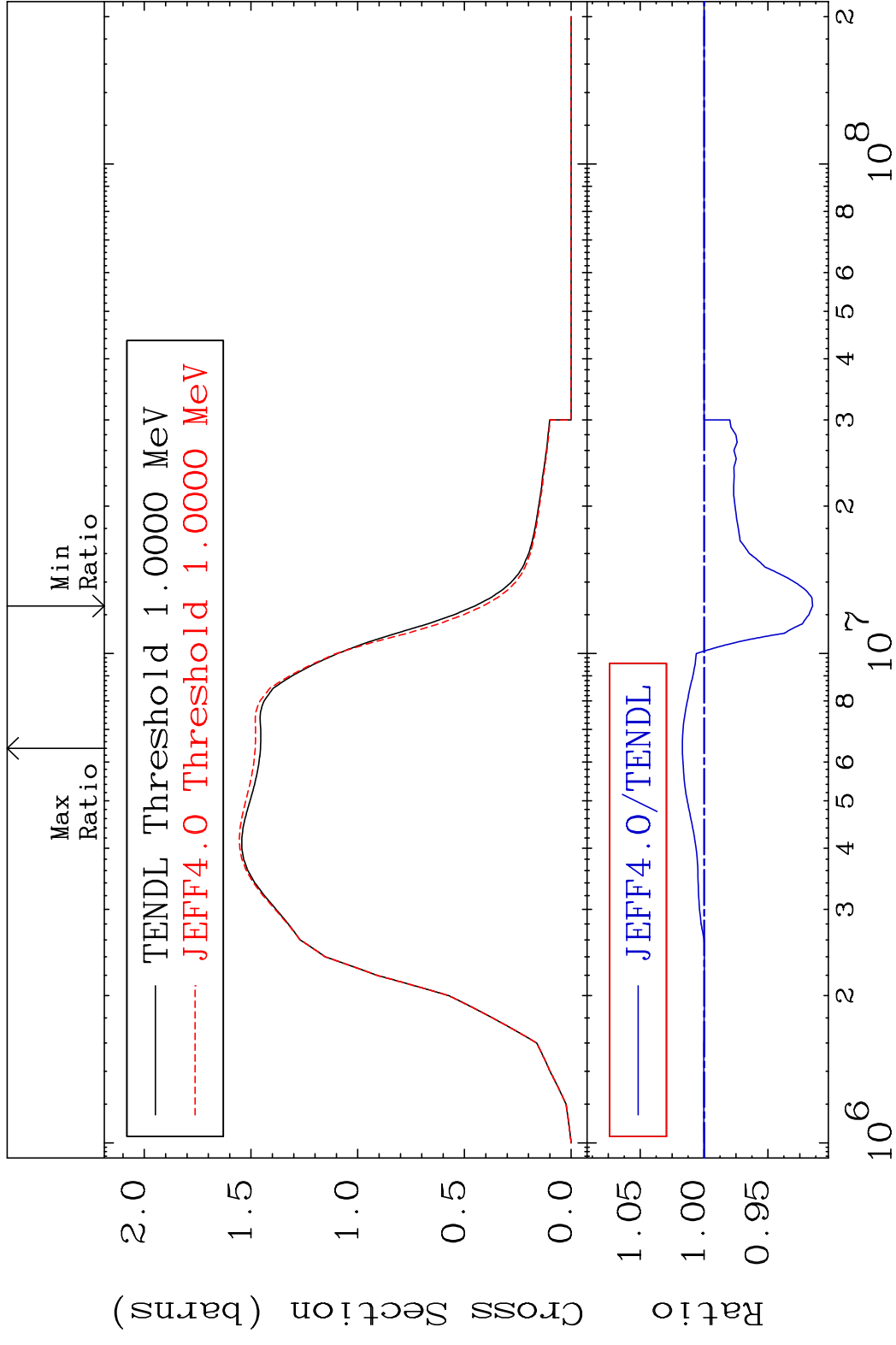
MAT 3646 Dpa inelastic (mt51-91) 36-Kr-85
 Cross Section -10.61 To 0.362 %



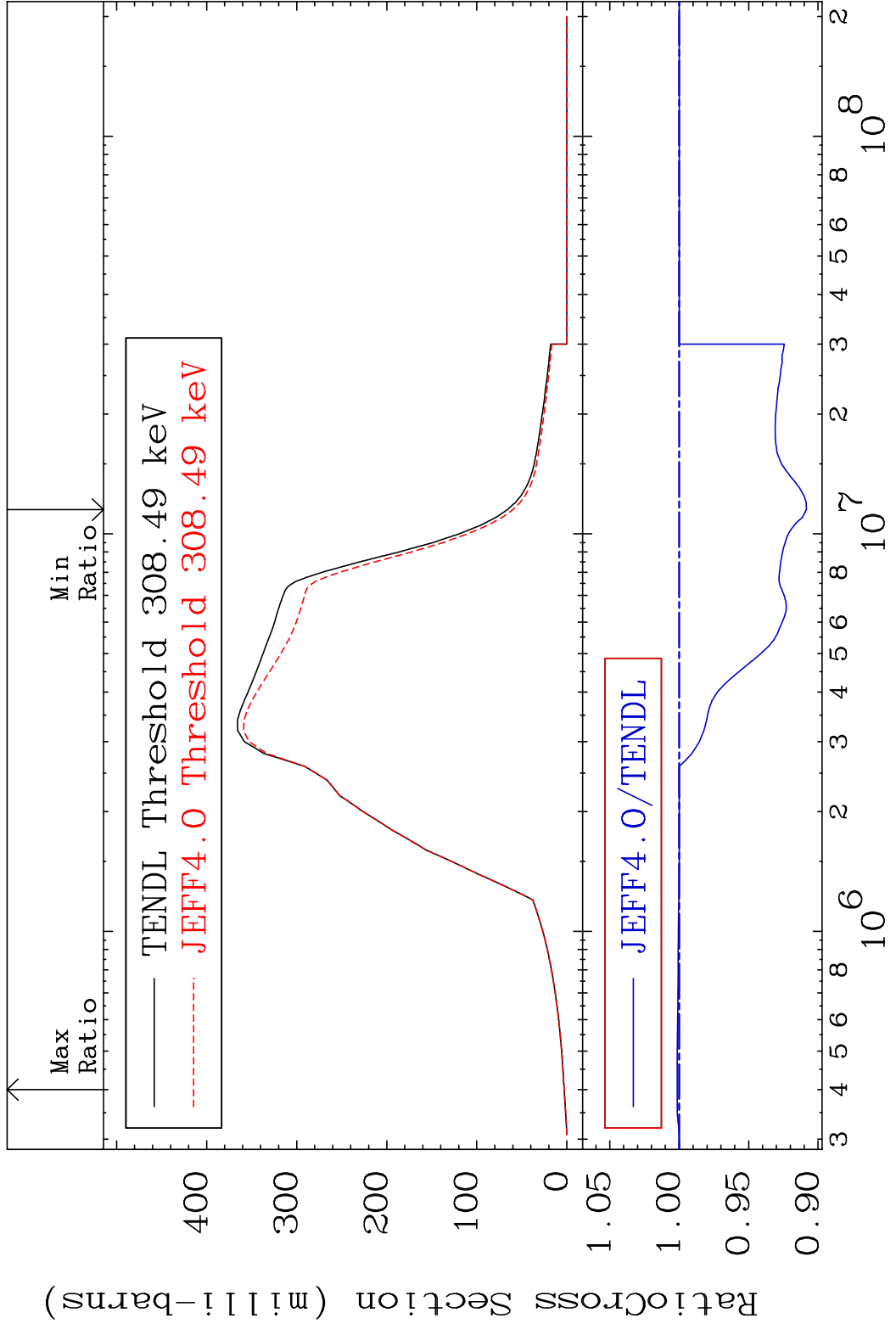
MAT 3646 Dpa disappearance (mt102 -120) 36-Kr-85
 Cross Section -12.89 To 27.38 %



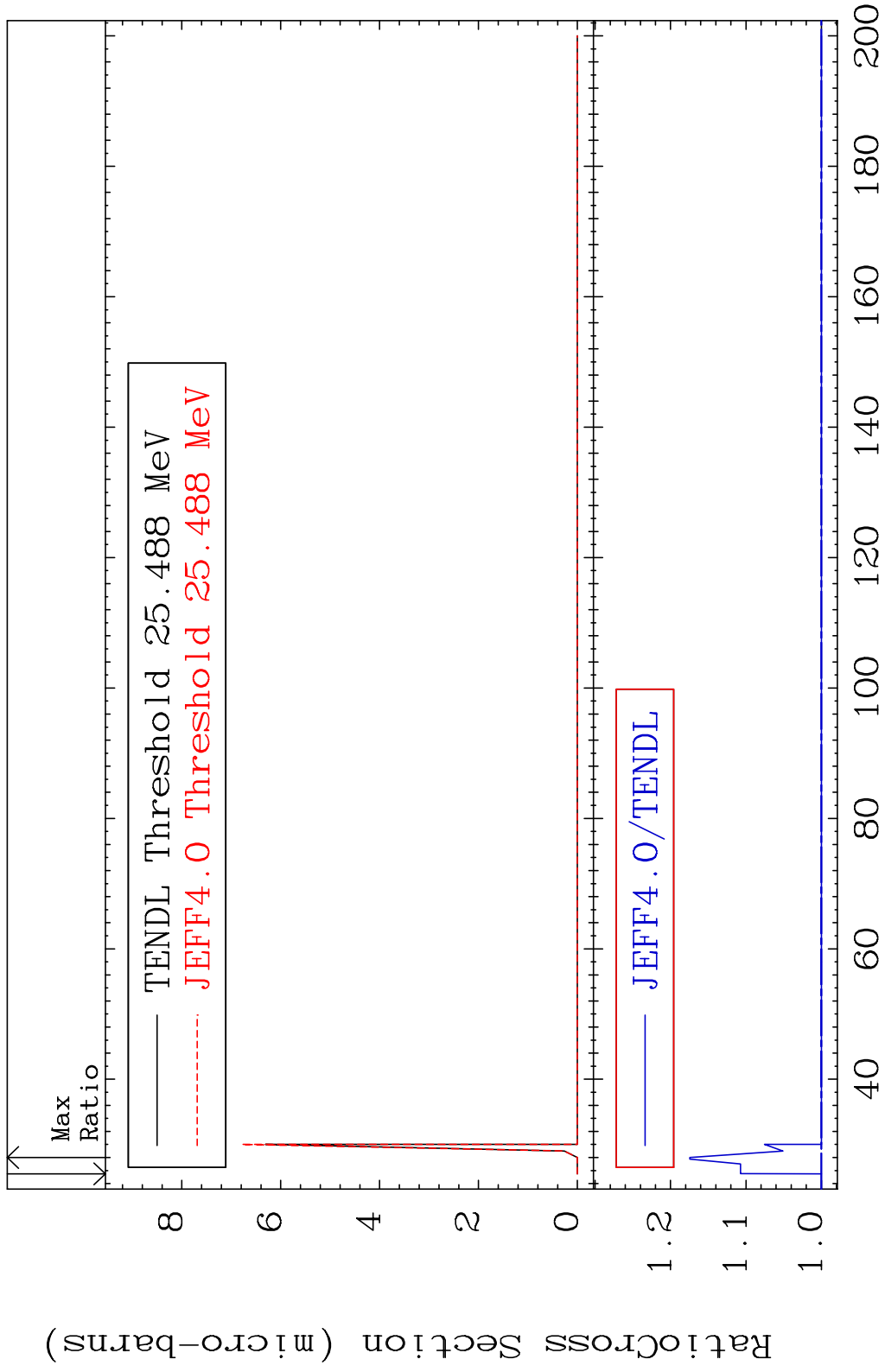
MAT 3646 Inelastic:36-Kr-85g 36-Kr-85
 Radionuclide Production Cross Section 1.700 %



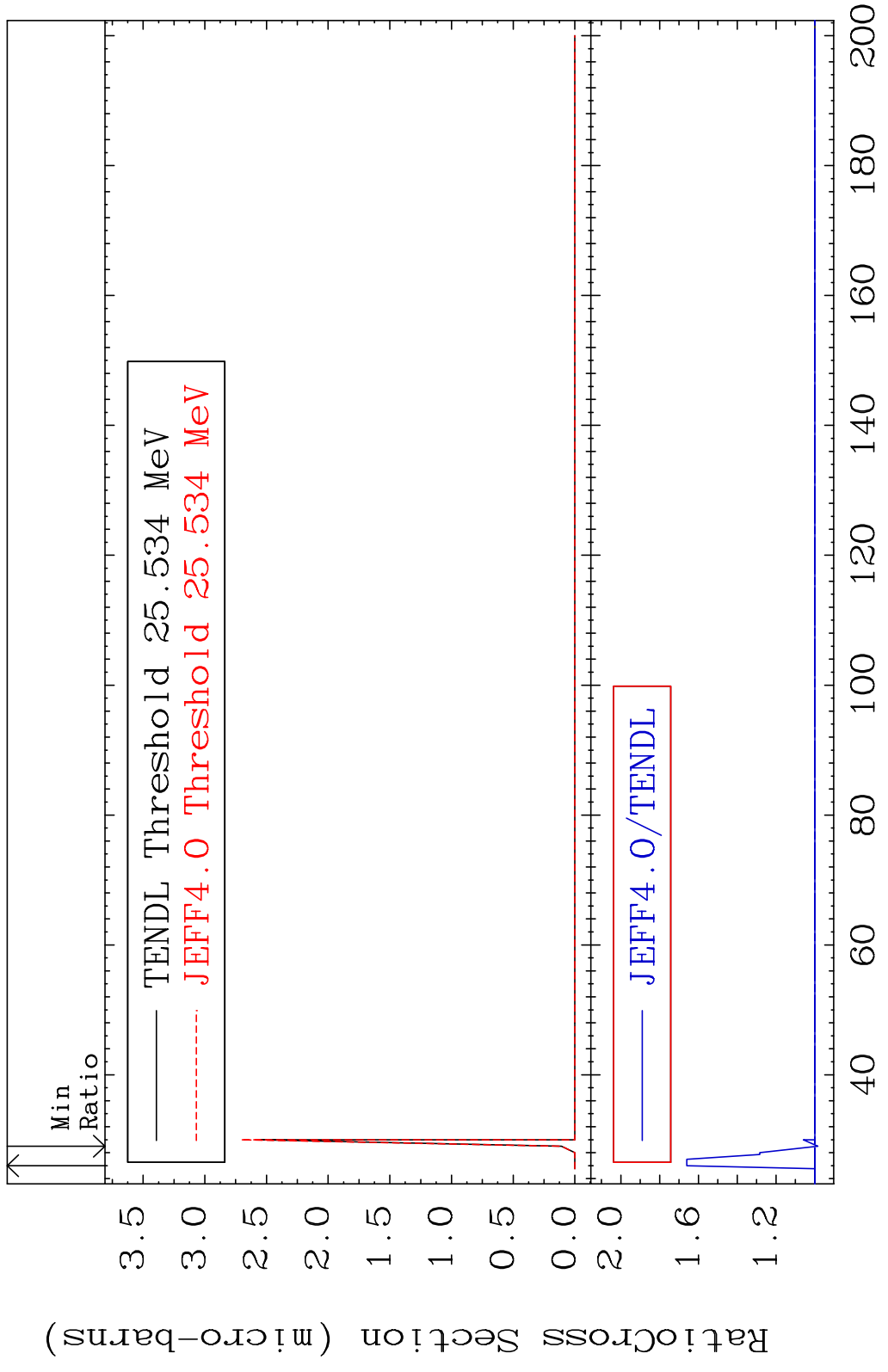
75 Incident Energy (eV) 36-Kr-85



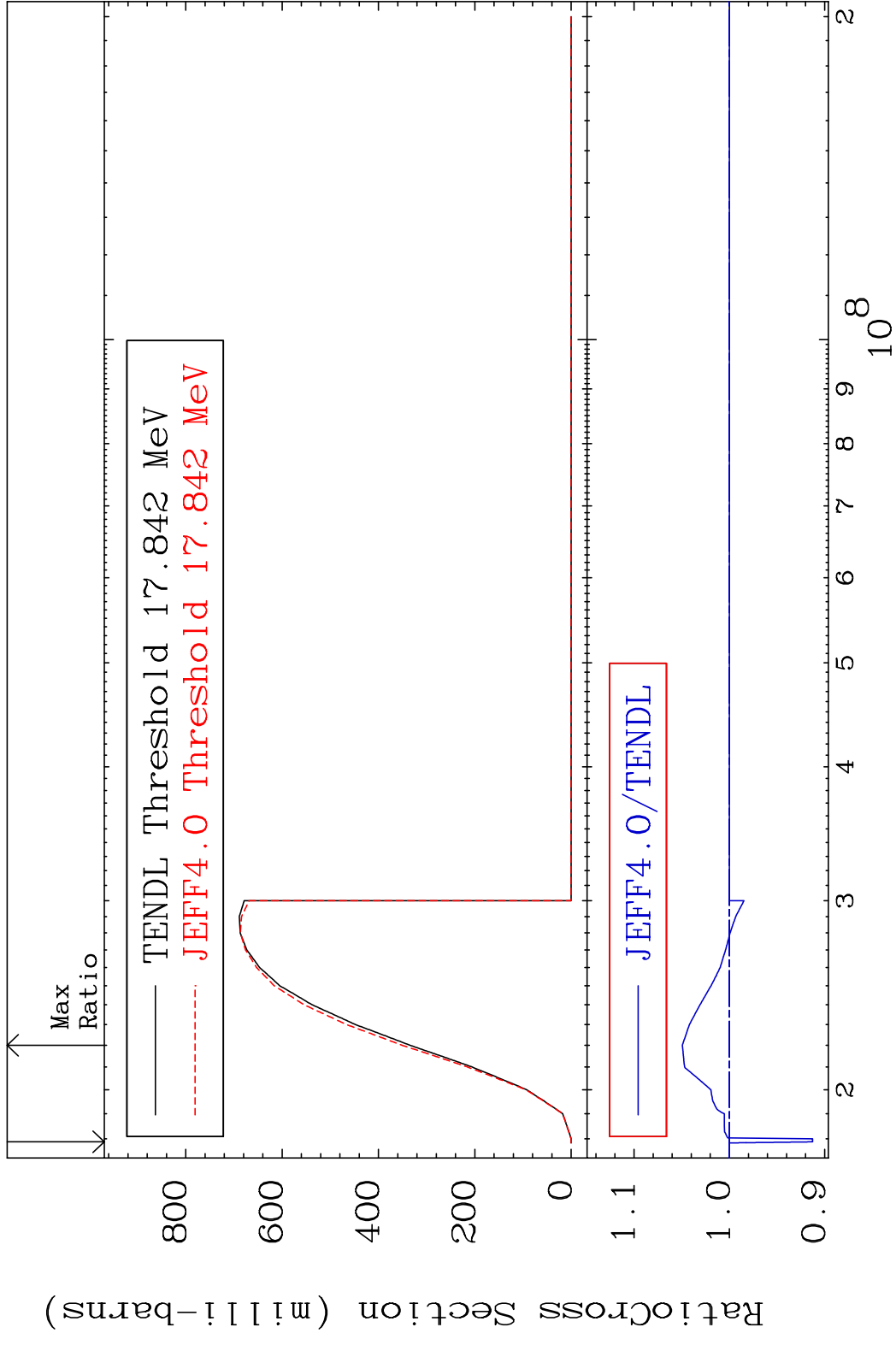
MAT 3646 (n,2n) d:35-Br-82g 36-Kr-85
 Radionuclide Production Cross Section 17.45 %



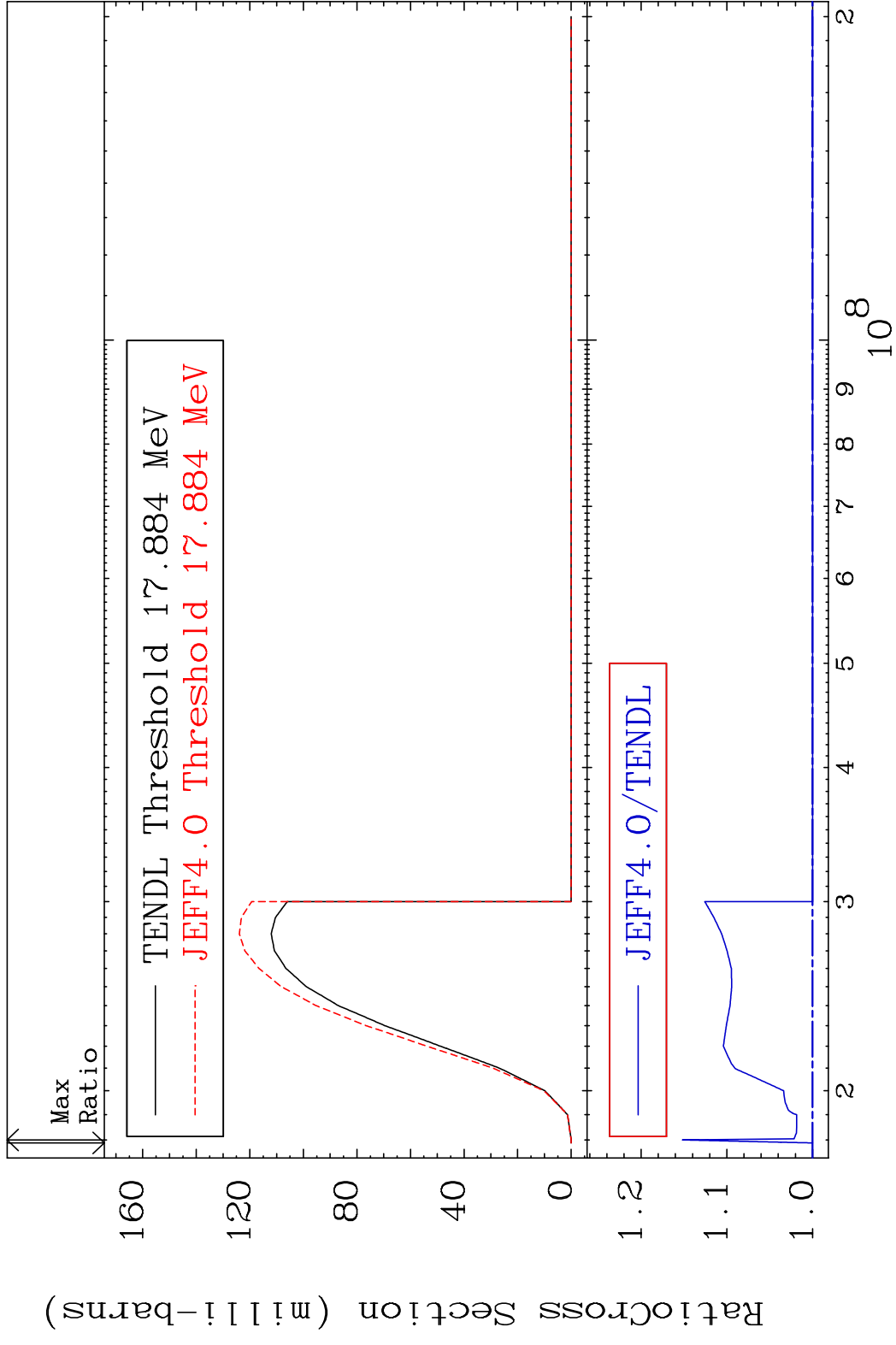
MAT 3646 (n,2n) d:35-Br-82m1 36-Kr-85
 Radionuclide Production Cross Section 15635 dth 66.02 %



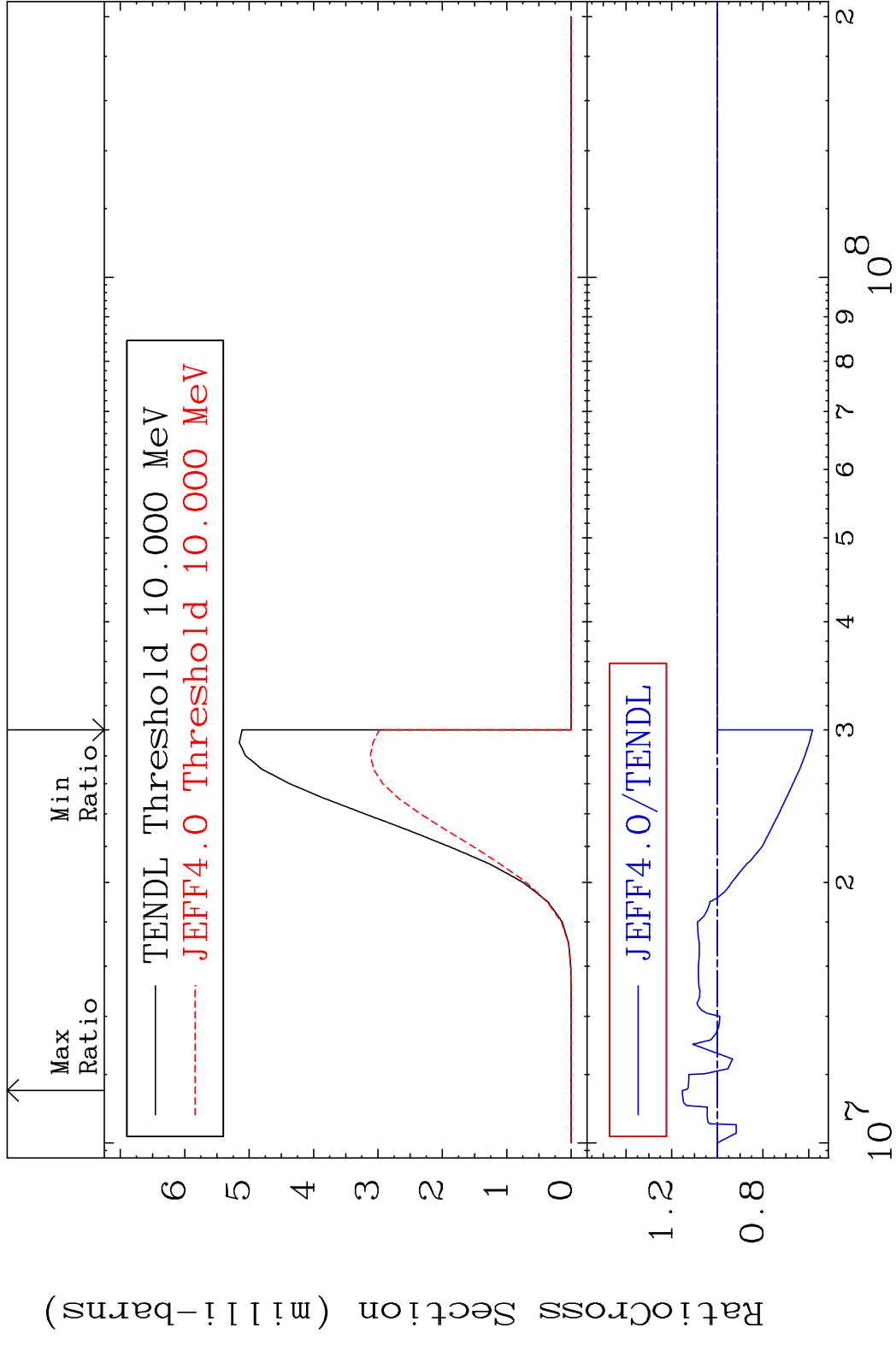
MAT 3646 (n,3n):36-Kr-83g 36-Kr-85
 Radionuclide Production Cross Section 4.933 %



MAT 3646 (n,3n):36-Kr-83m2 36-Kr-85
 Radionuclide Production Cross Section 15.19 %

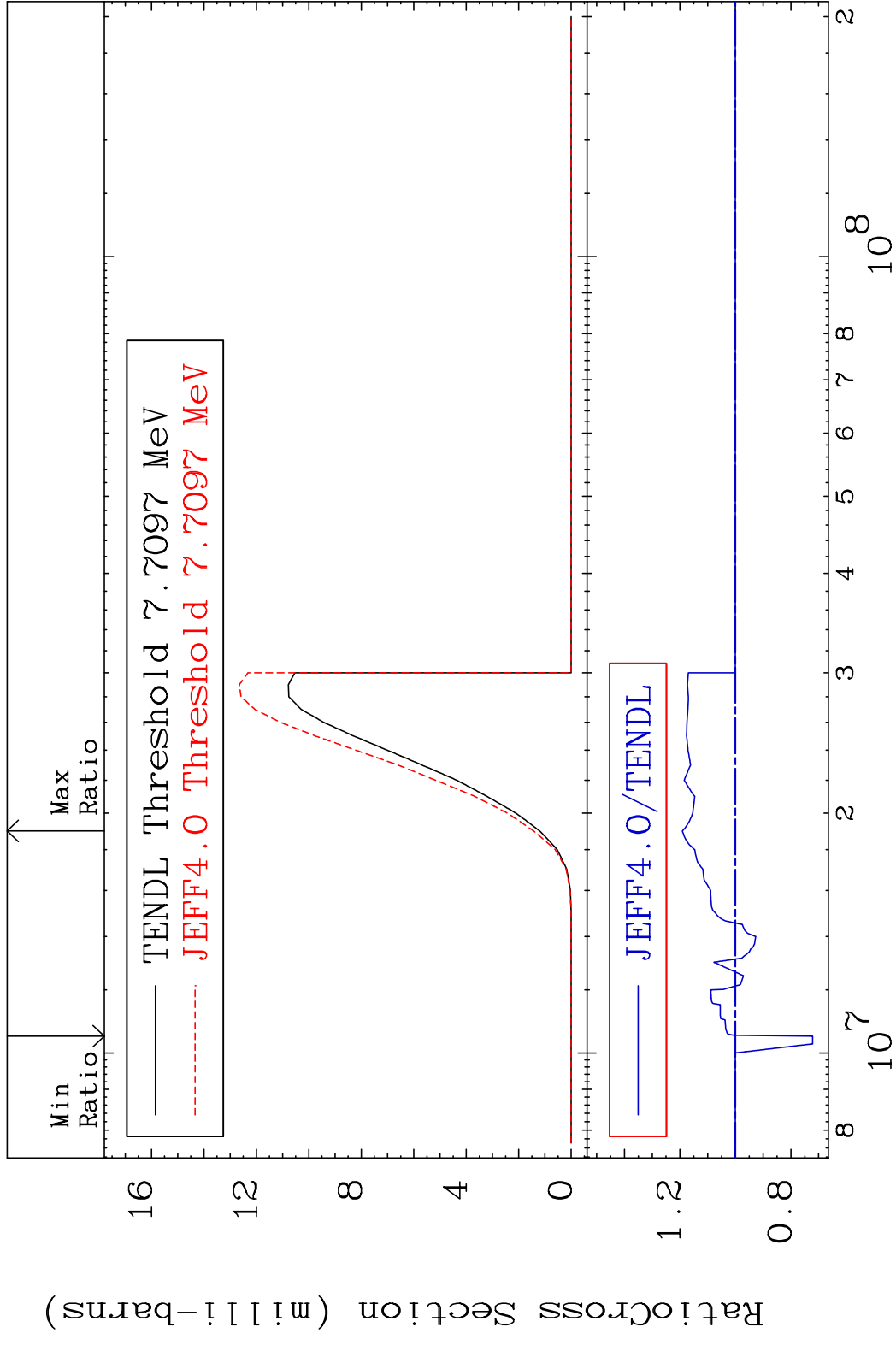


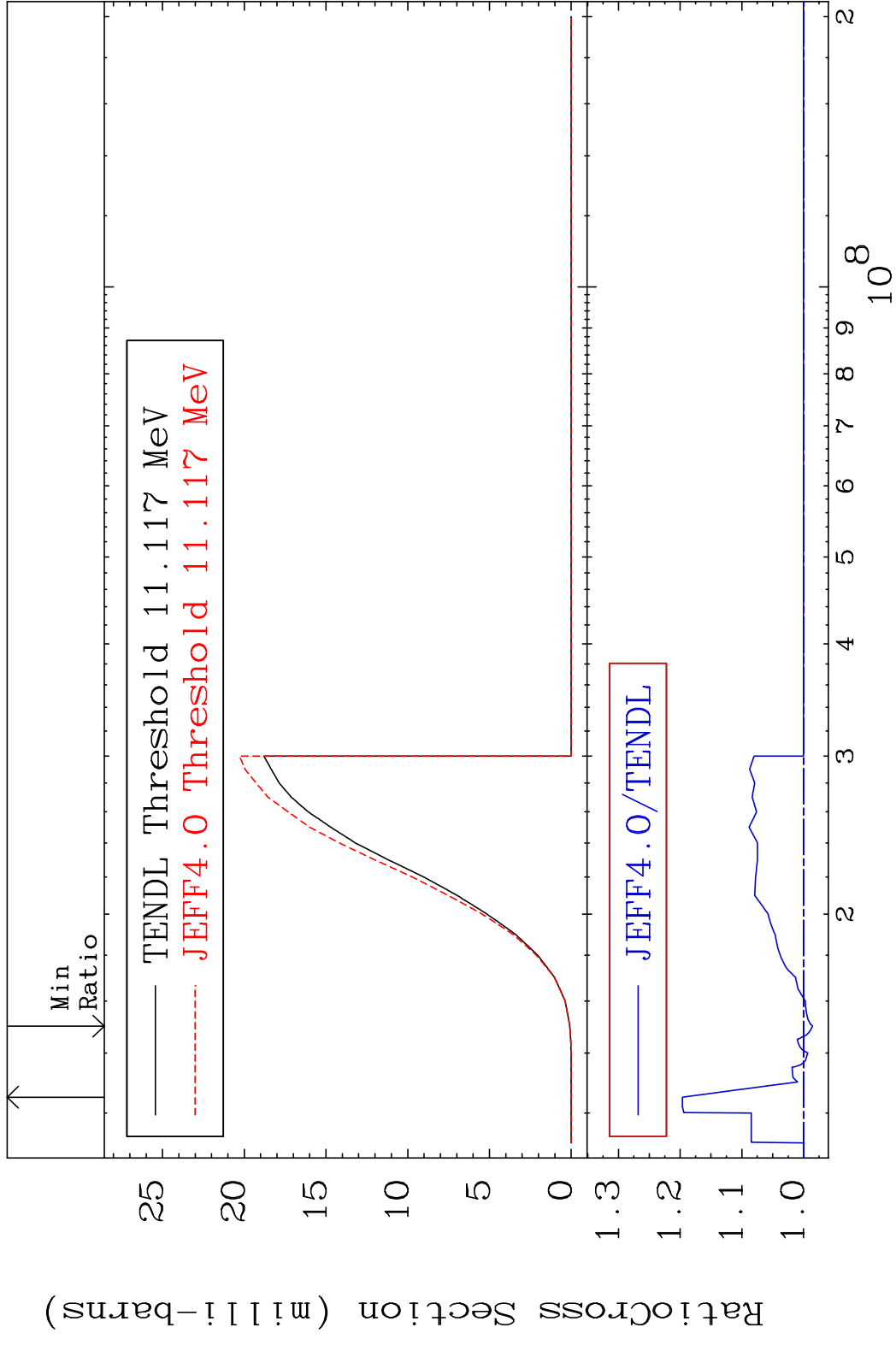
MAT 3646 (n, n') α :34-Se-81g 36-Kr-85
 Radionuclide Production Cross Section 15.33 %



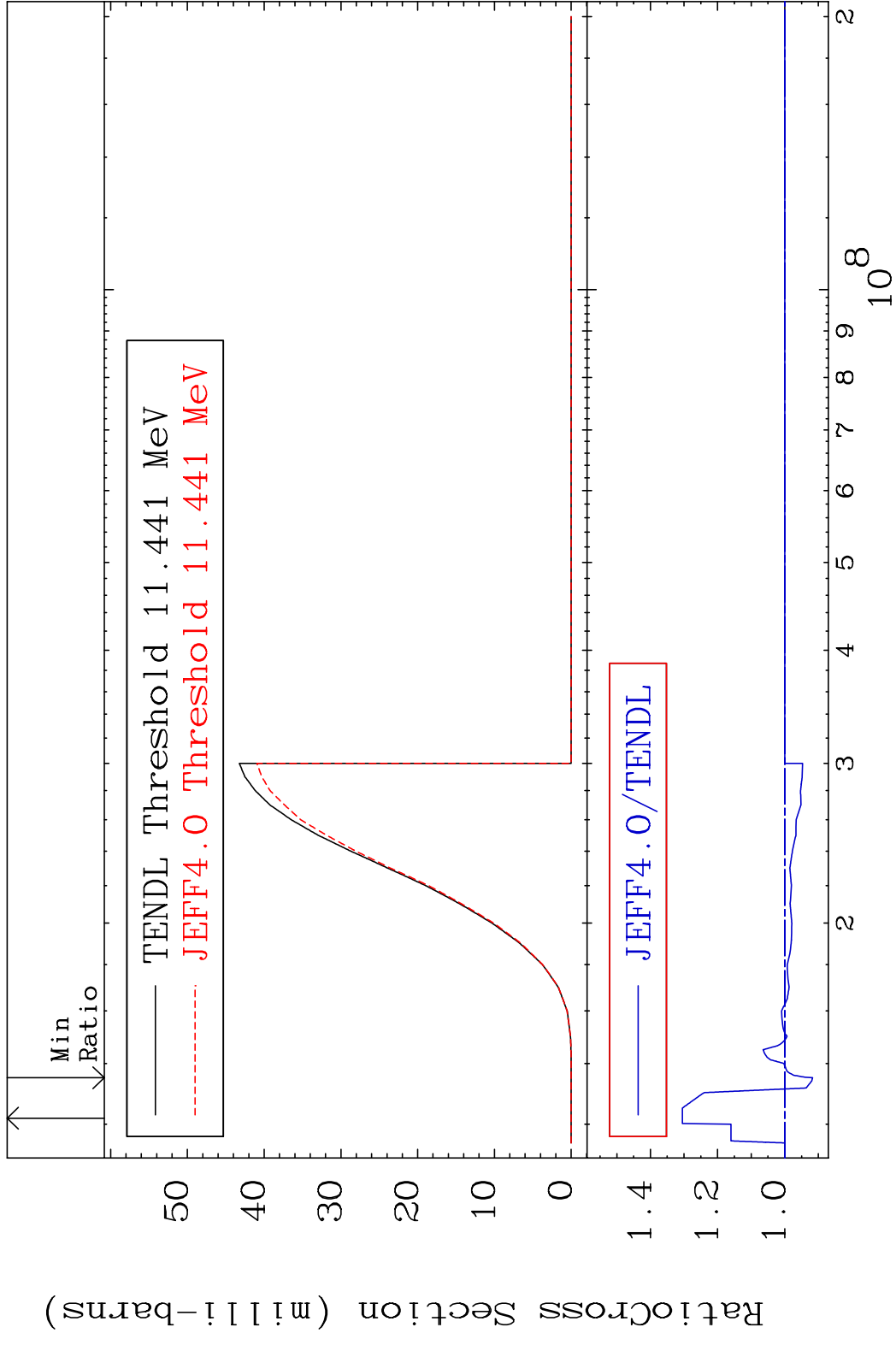
81 Incident Energy (eV) 36-Kr-85

MAT 3646 (n, n') α :34-Se-81m1 36-Kr-85
 Radionuclide Production Cross Section 19.13 %

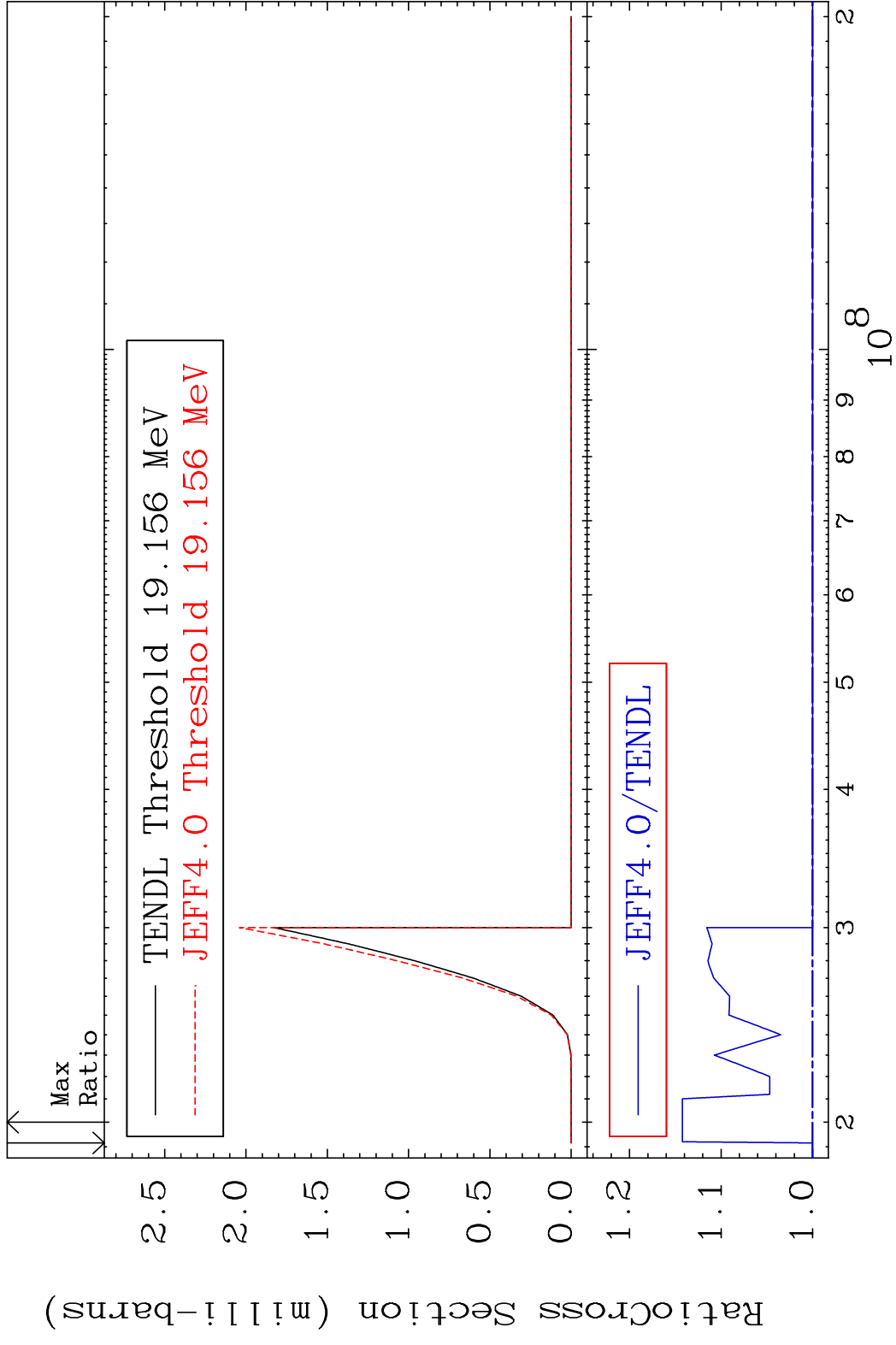




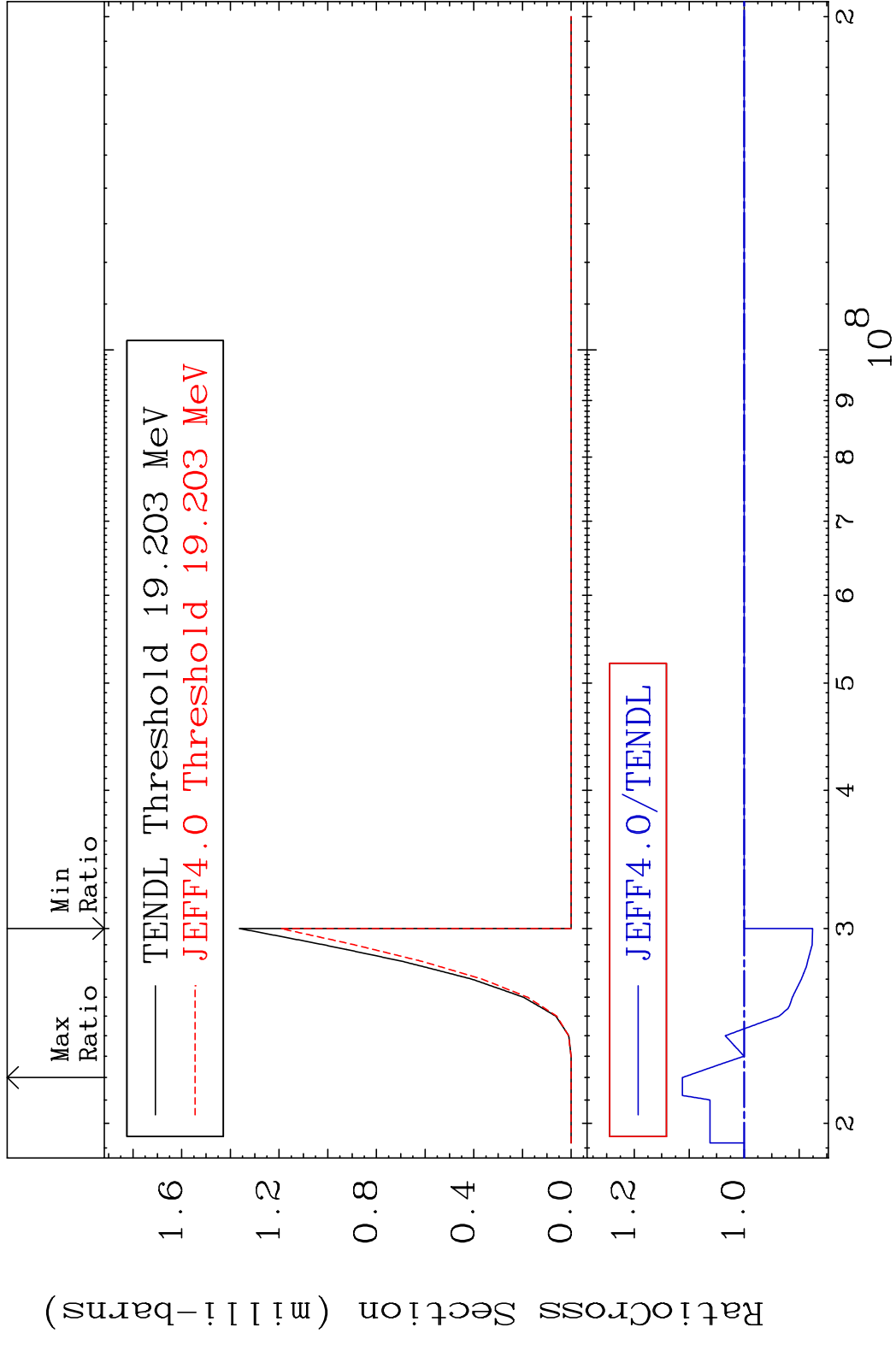
MAT 3646 (n, n') p:35-Br-84m1 36-Kr-85
 Radionuclide Production Cross Section 30.49 %

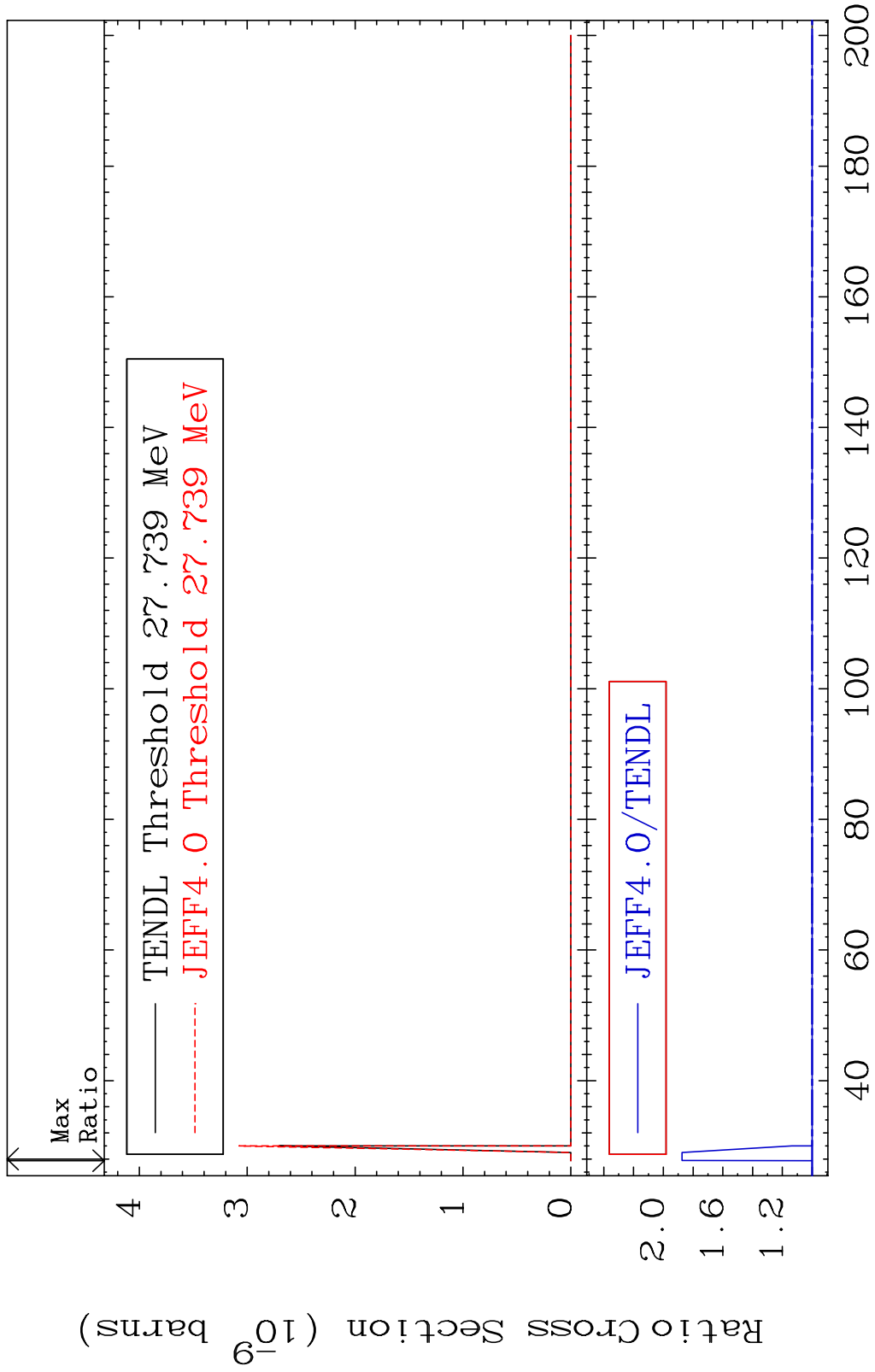


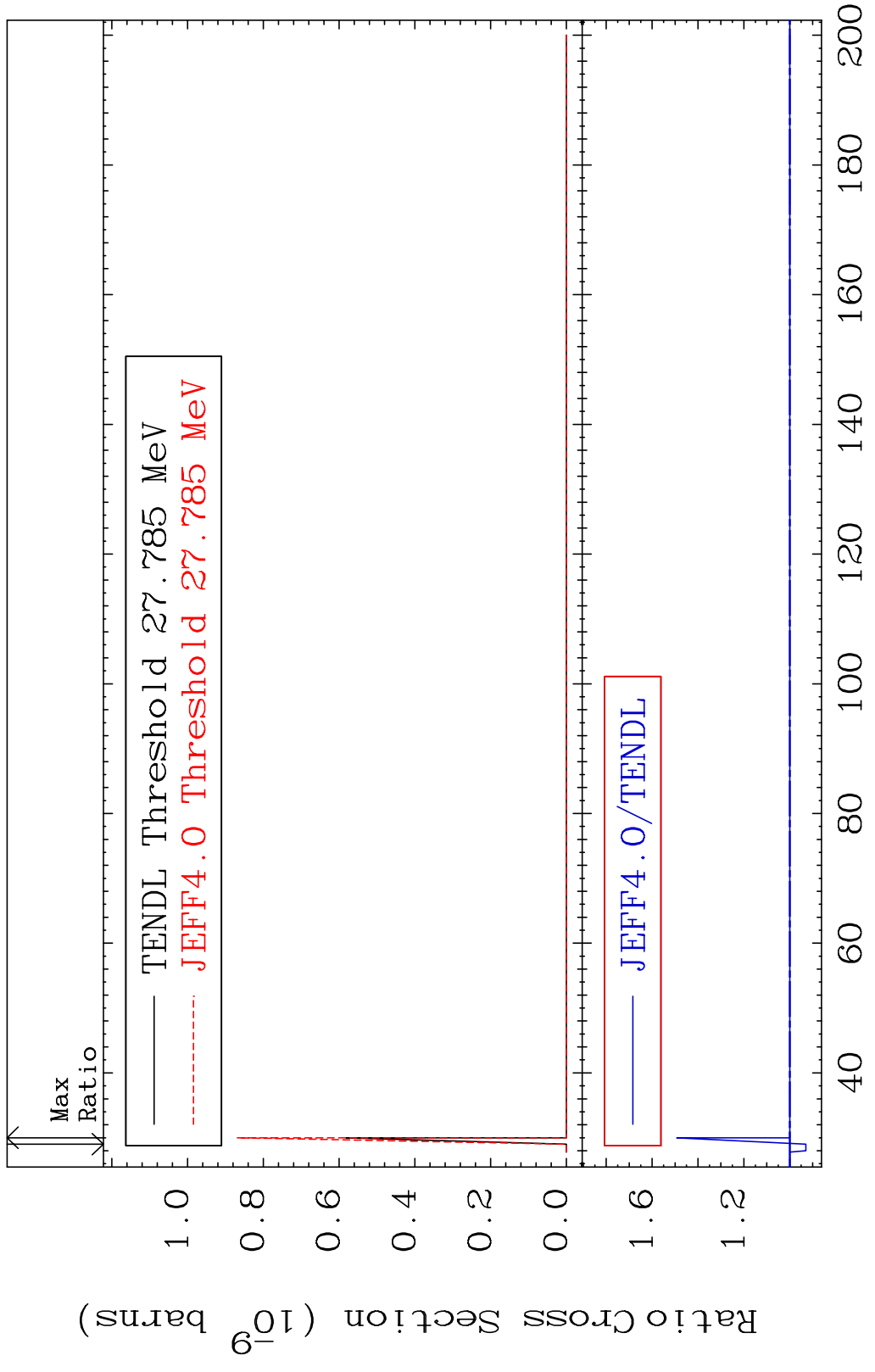
MAT 3646 (n, n') t:35-Br-82g 36-Kr-85
 Radionuclide Production Cross Section 14.23 %

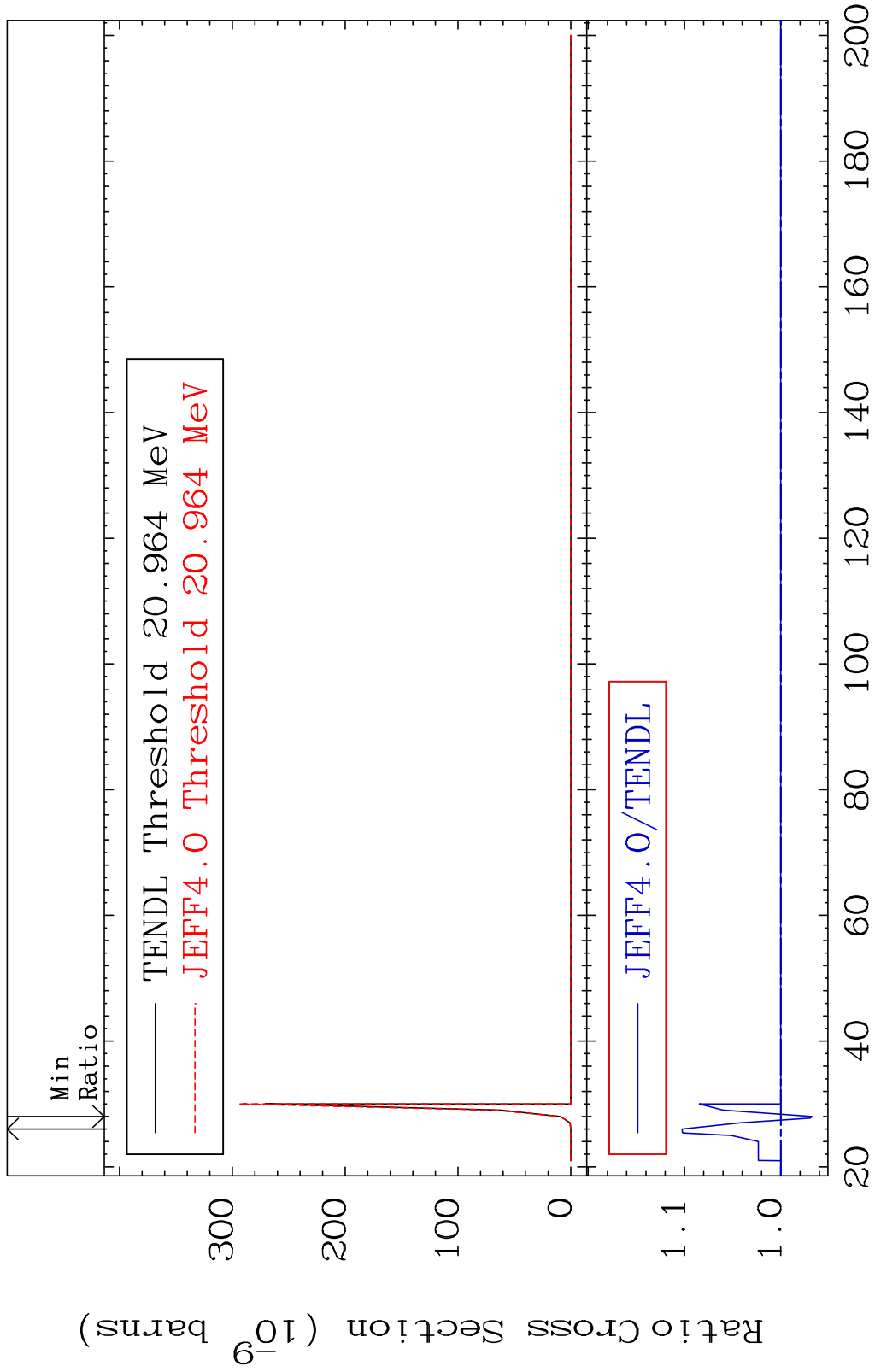


MAT 3646 (n, n') t:35-Br-82m1 36-Kr-85
 Radionuclide Production Cross Section 12.4110 11.24 %

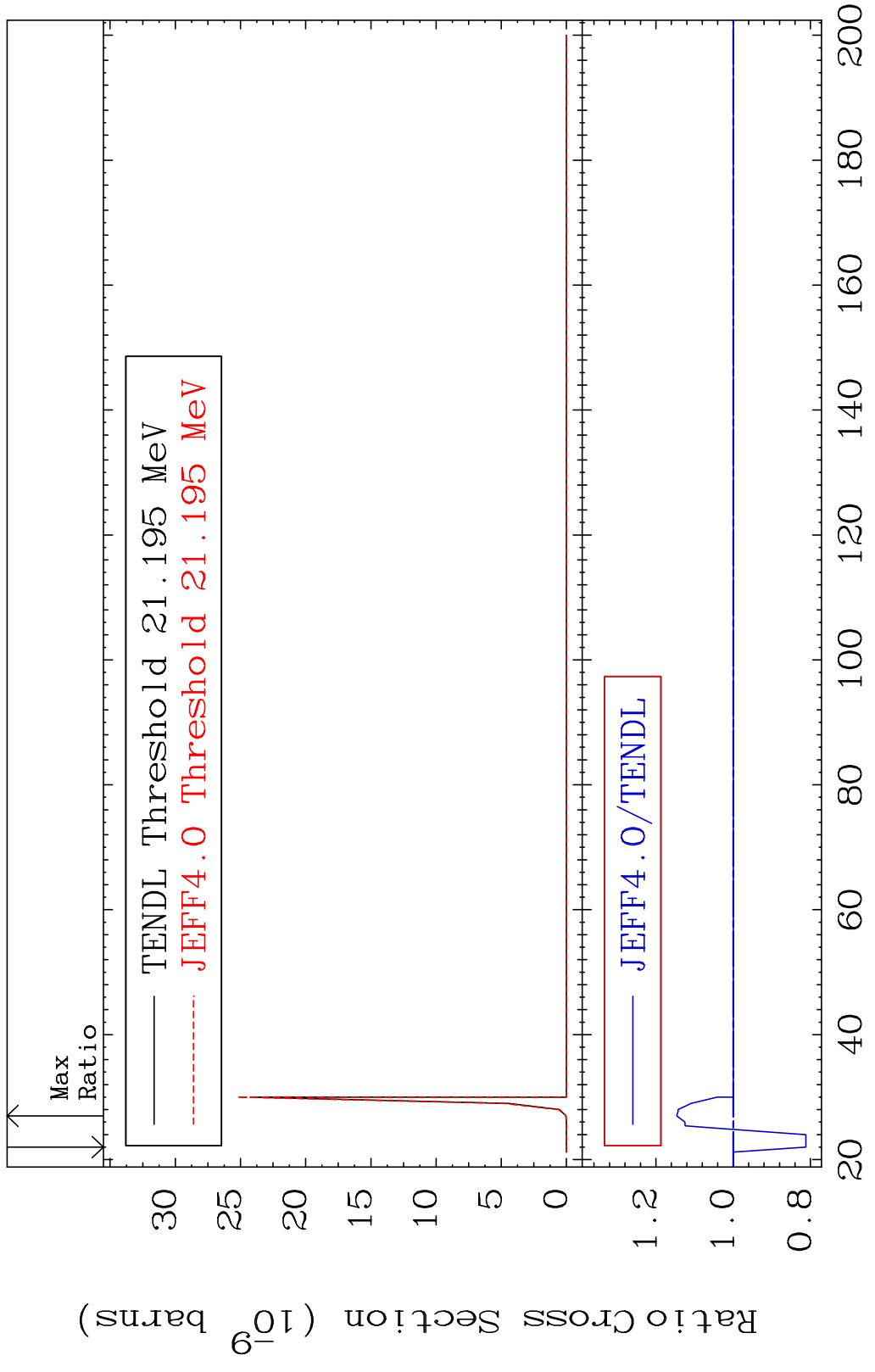






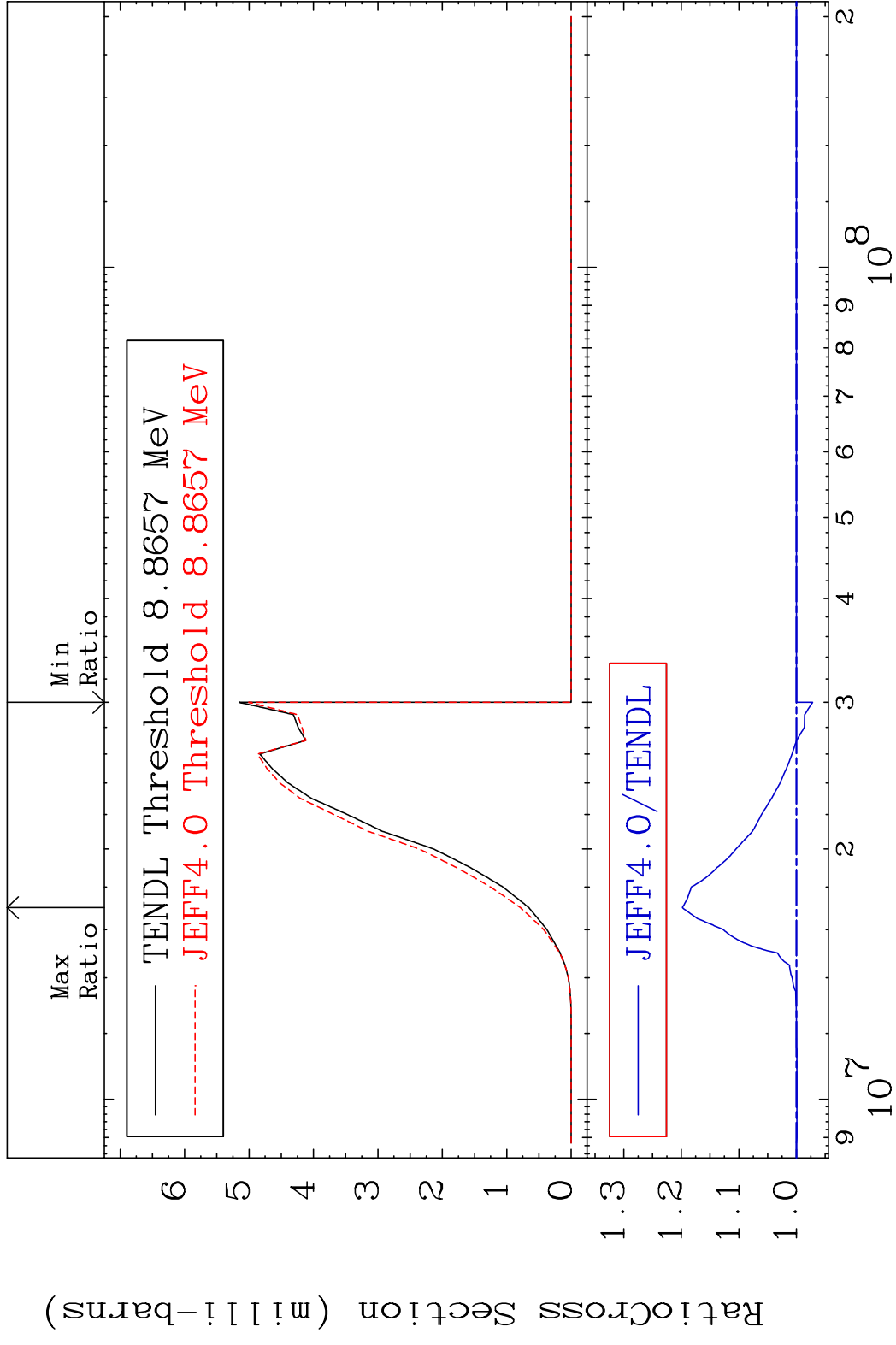


MAT 3646 (n,2n) p:34-Se-83m1 36-Kr-85
 Radionuclide Production Cross Section Ratio 18.67% to 14.62 %

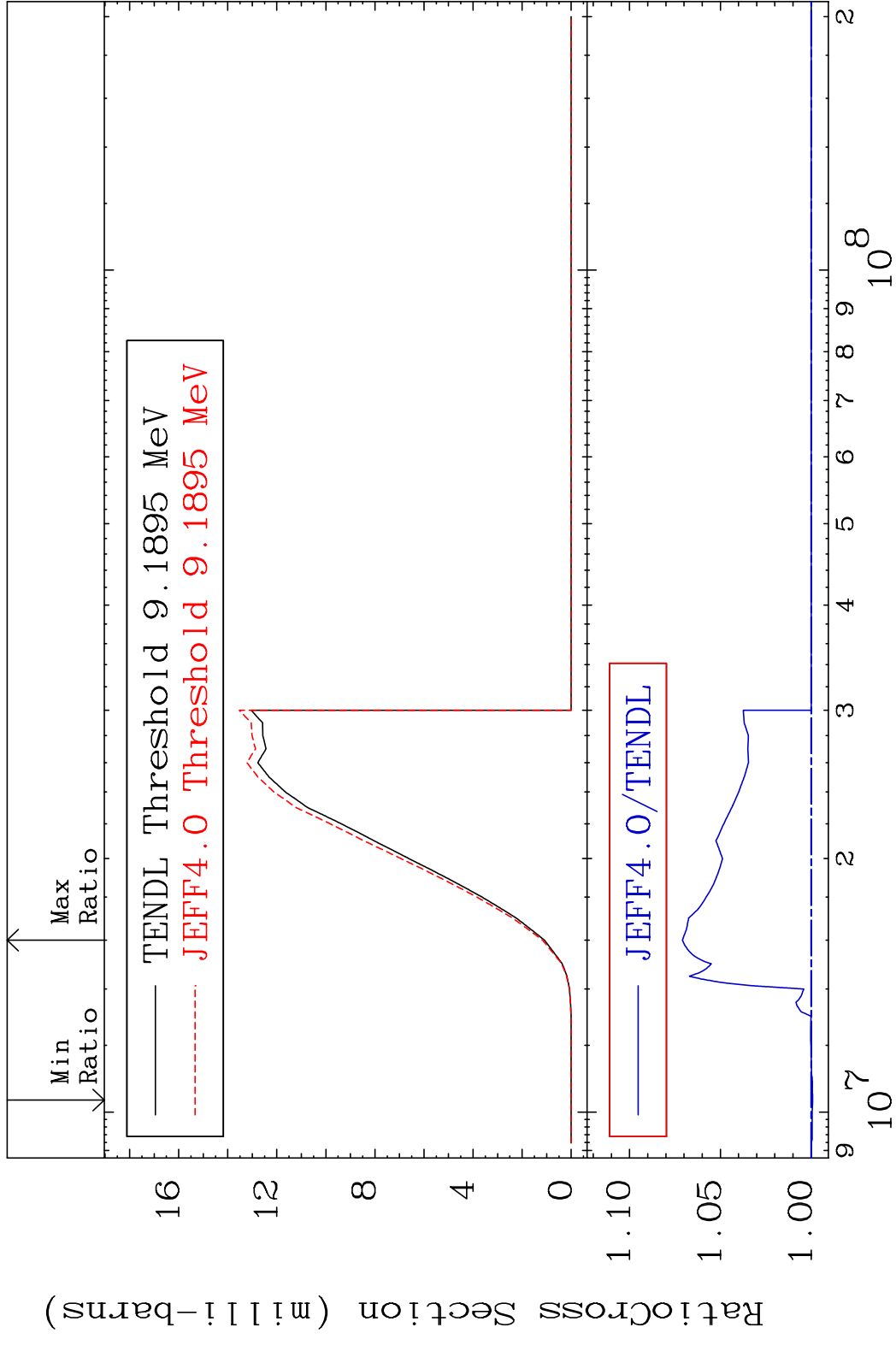


90 Incident Energy (MeV) 36-Kr-85

MAT 3646 (n, d): 35-Br-84g 36-Kr-85
 Radionuclide Production Cross Section 19.82 %



MAT 3646 (n, d):35-Br-84m1 36-Kr-85
 Radionuclide Production Cross Section 7.093 %



92 Incident Energy (eV) 36-Kr-85

MAT 3646 (n, He-3):34-Se-83g 36-Kr-85
 Radionuclide Production Cross Section 58.4410 20.32 %

