

Program Complot
(Version 2021-1)

by

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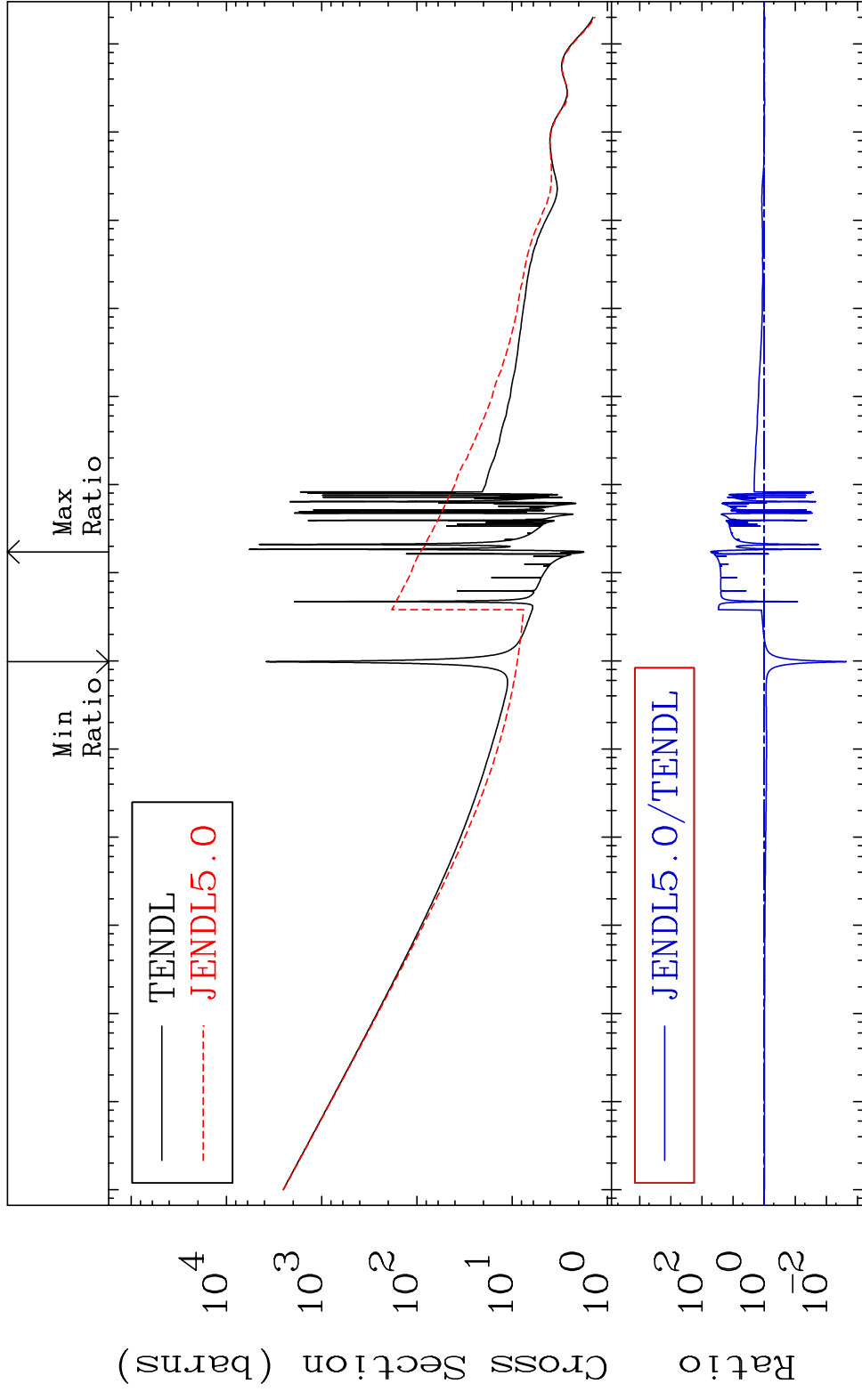
Press Mouse Button to Start

MAT 3440

34-Se-79

Total

Cross Section -99.77 To 5146. %



Incident Energy (eV)

34-Se-79

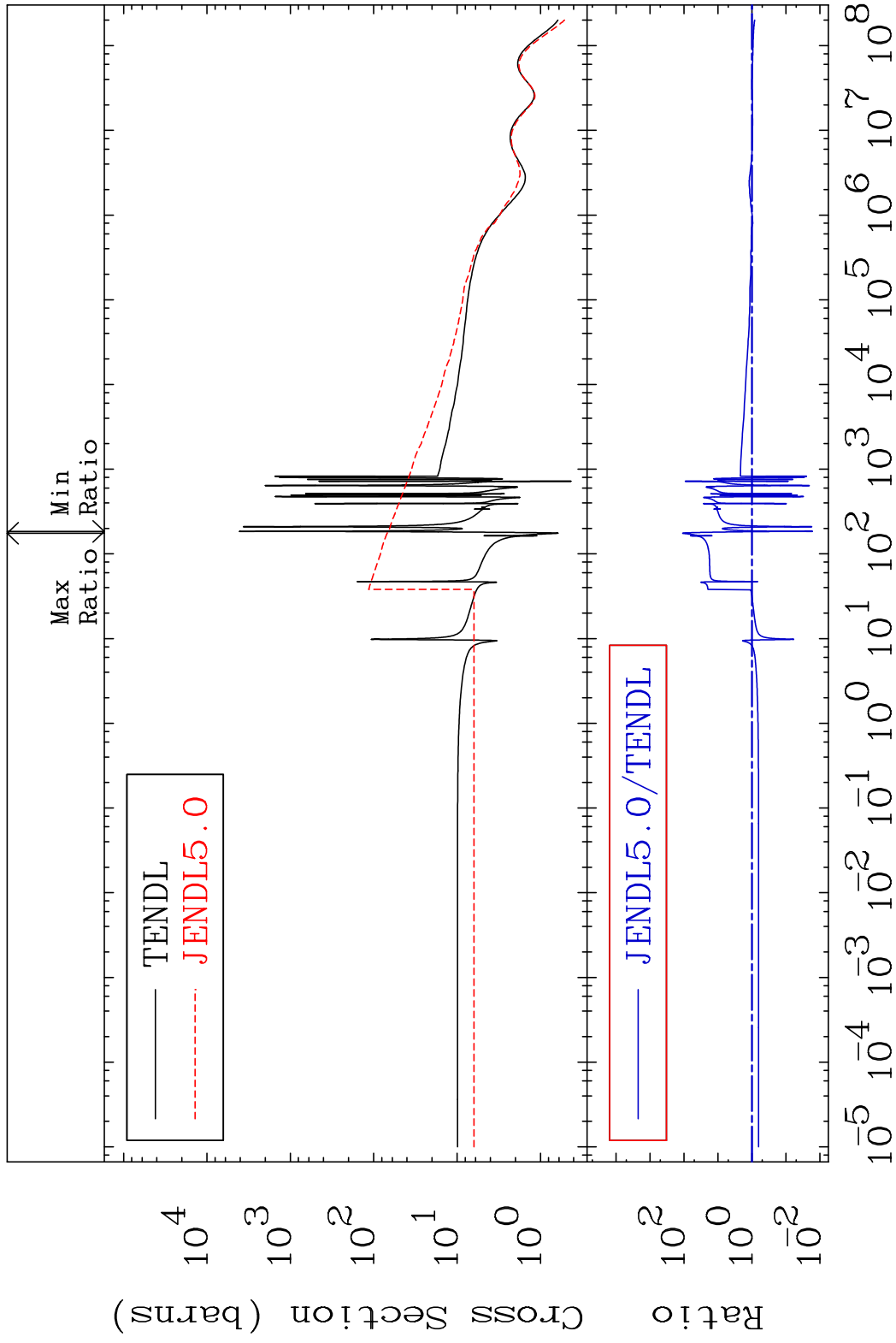
1

MAT 3440

Elastic

34-Se-79

Cross Section -98.36 To 9999. %

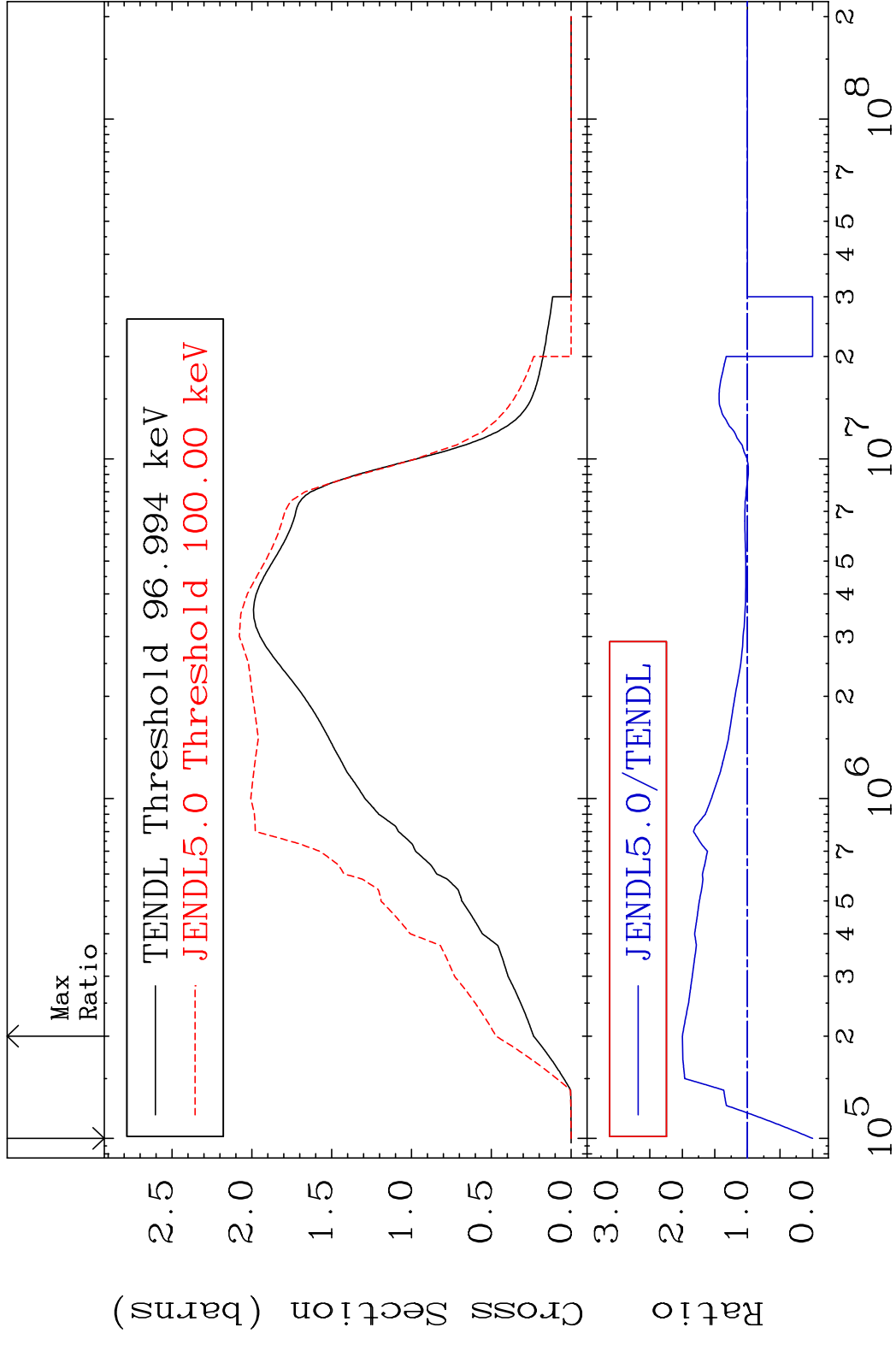


2

Incident Energy (eV)

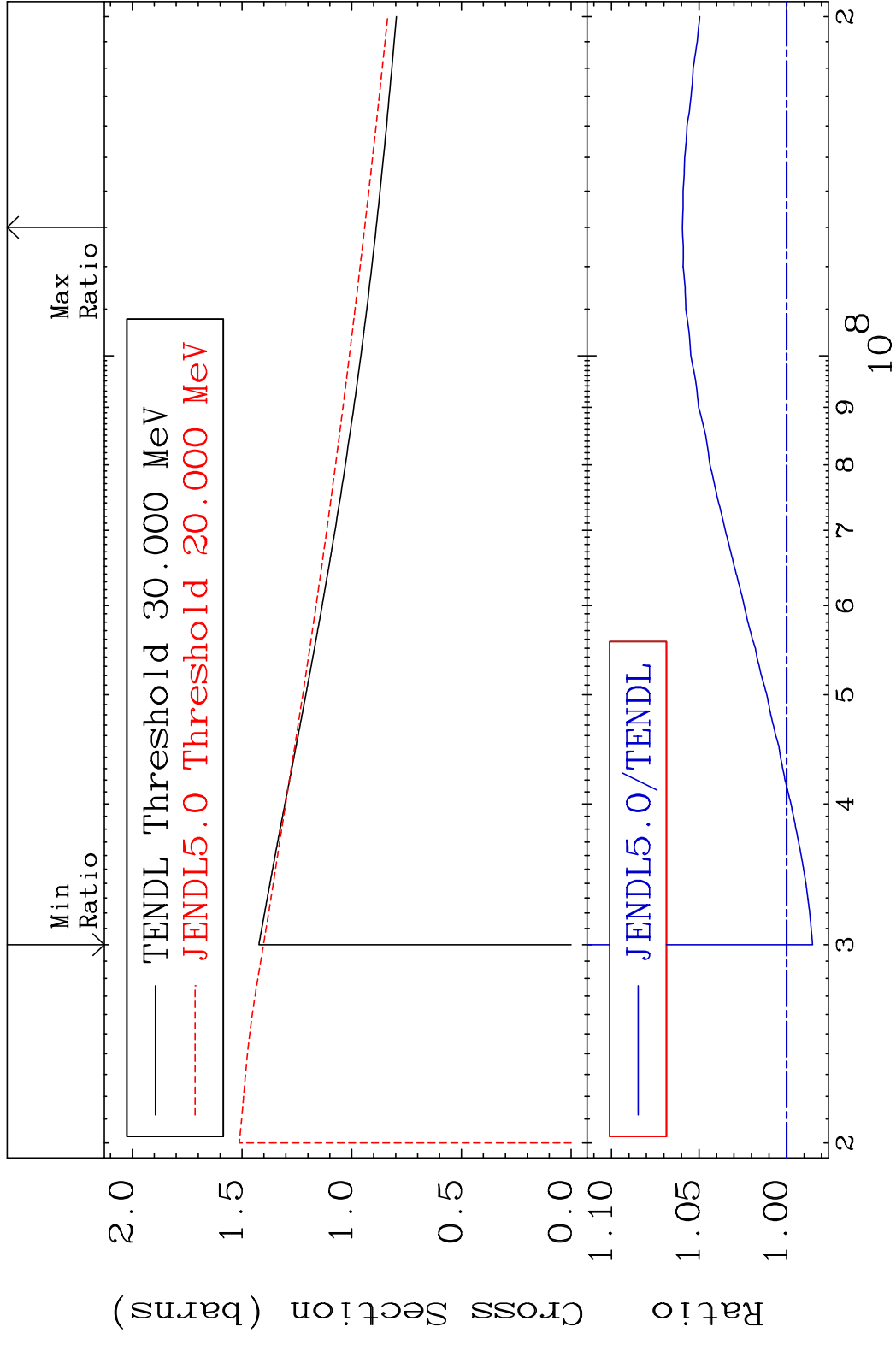
34-Se-79

MAT 3440 Inelastic Cross Section -100.0 To 99.94 % 34-Se-79



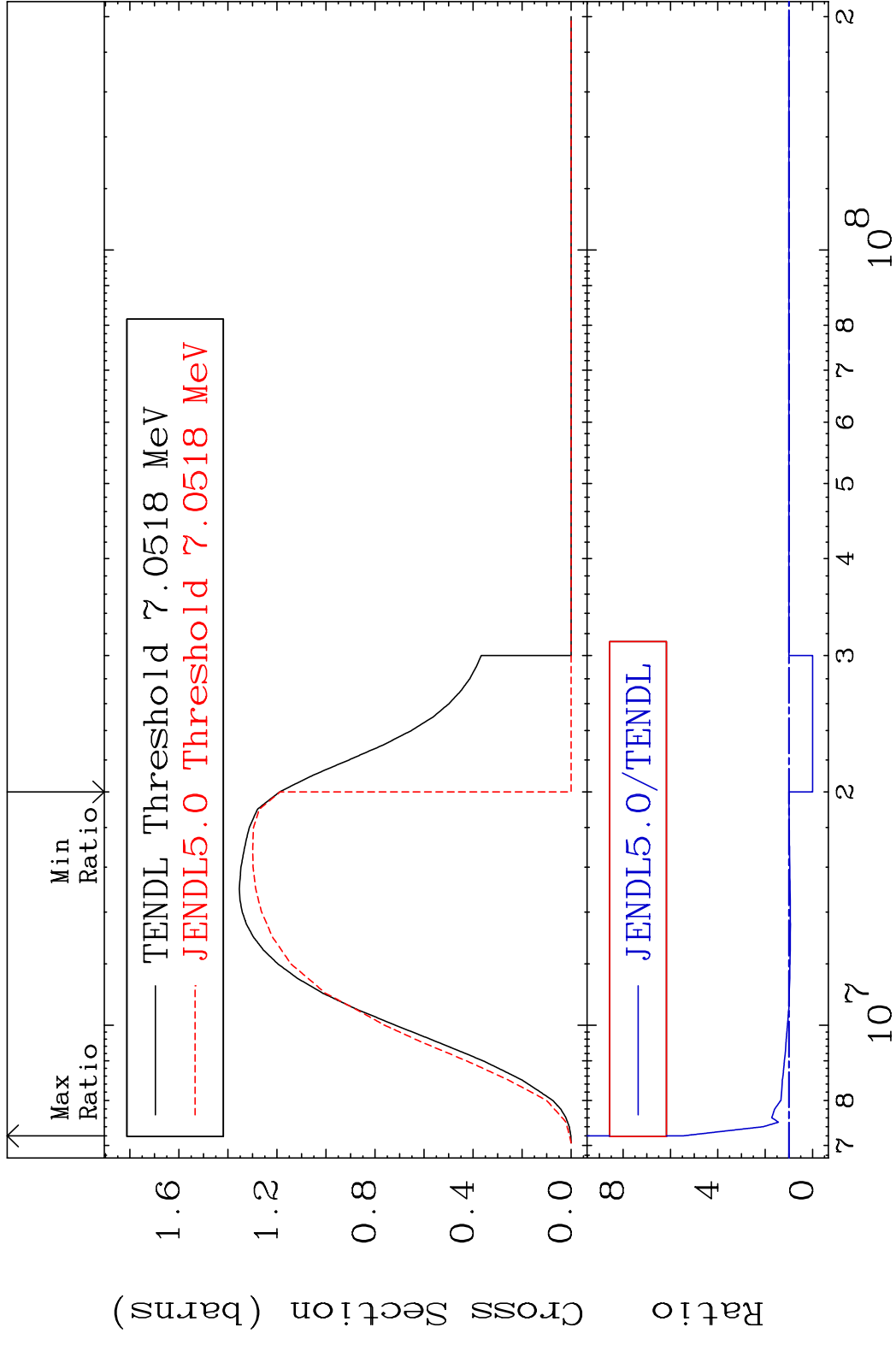
3 3 4 5 7 2 3 4 5 7 2 3 4 5 7 8 2 34-Se-79

MAT 3440 (n, remainder) 34-Se-79
 Cross Section -1.484 To 5.949 %



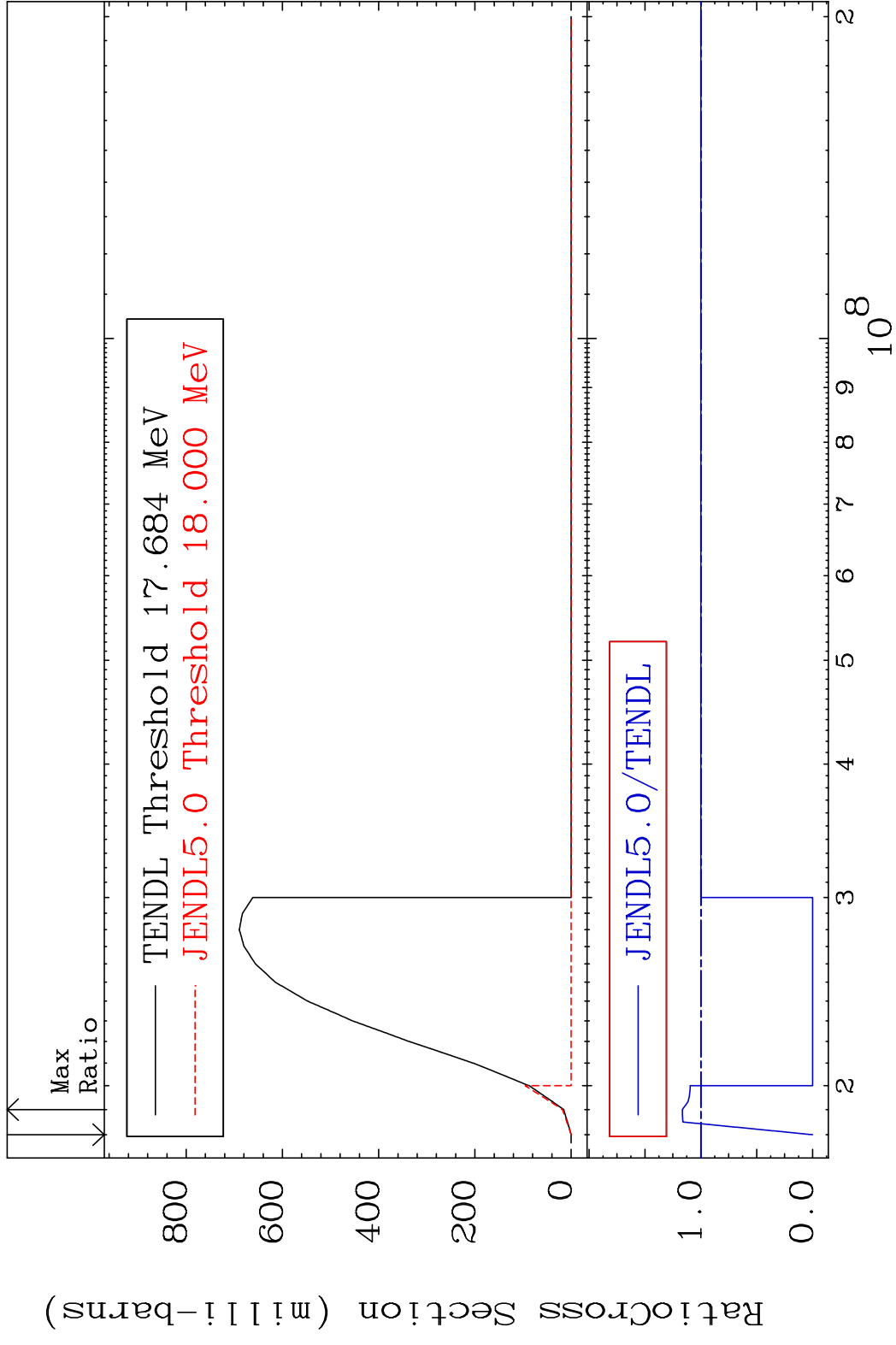
4 Incident Energy (eV) 34-Se-79

MAT 3440 (n,2n) 34-Se-79
 Cross Section -100.0 To 449.9 %

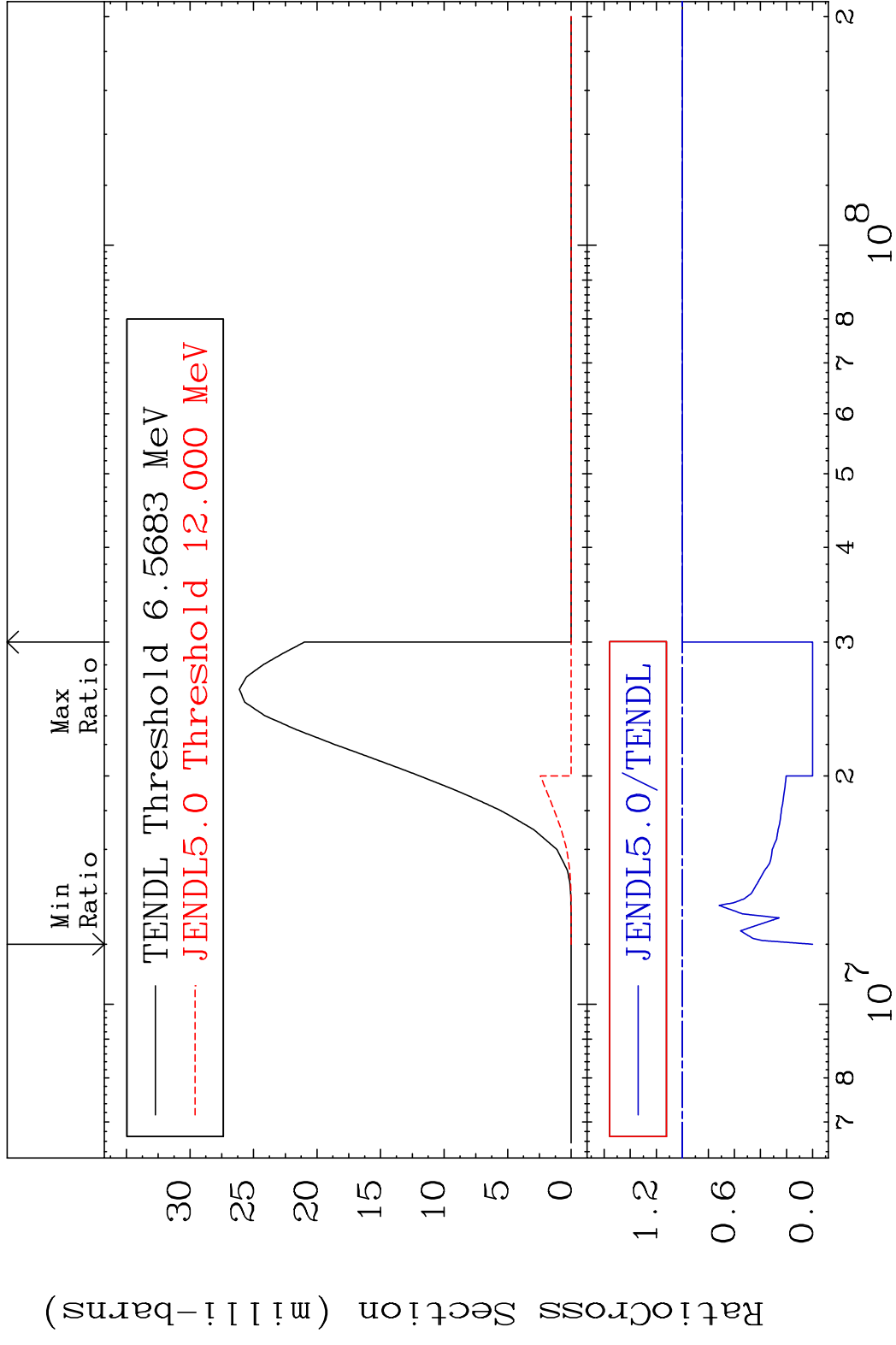


5 Incident Energy (eV) 34-Se-79

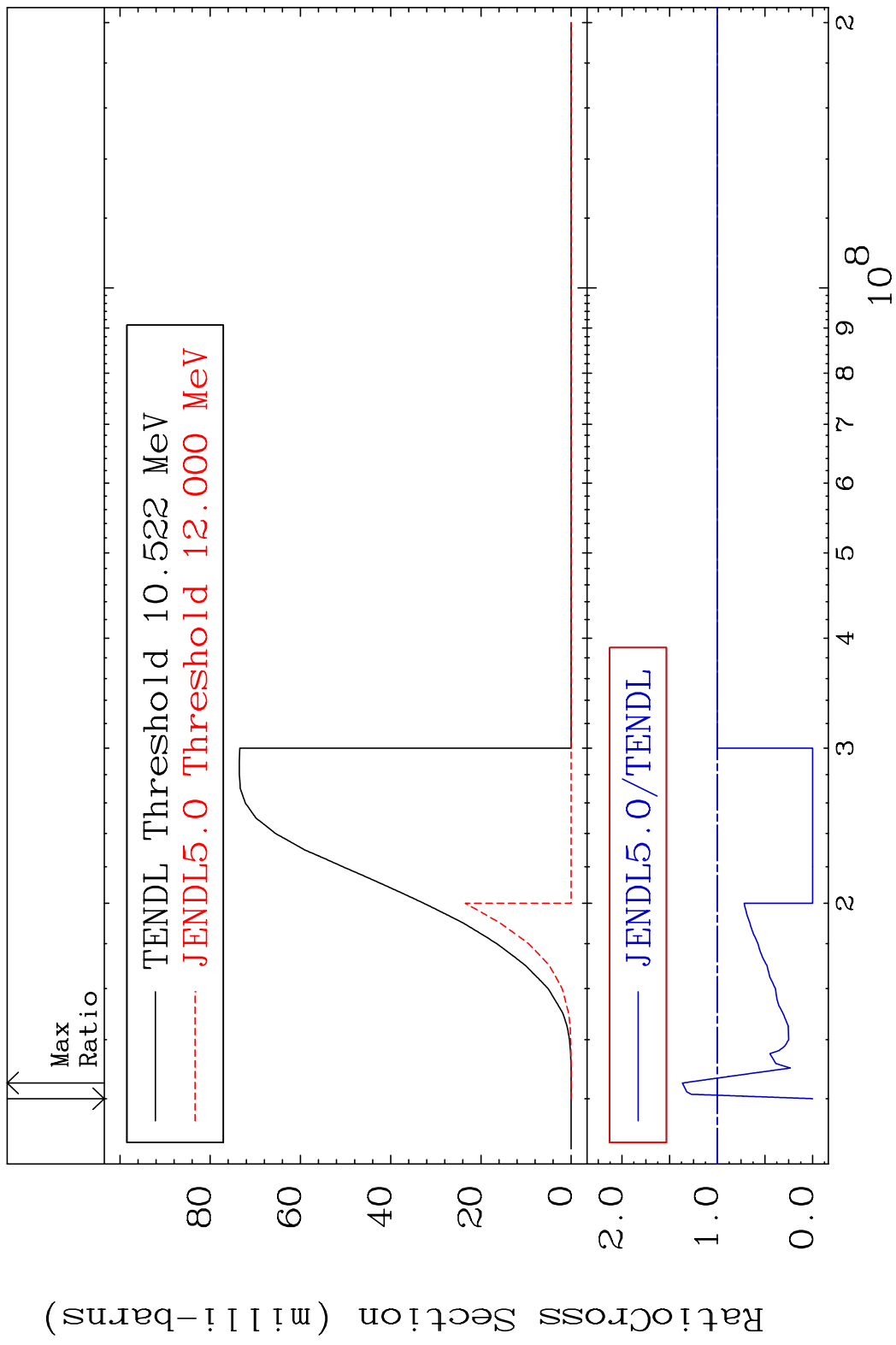
MAT 3440 (n,3n) 34-Se-79
 Cross Section -100.0 To 16.50 %



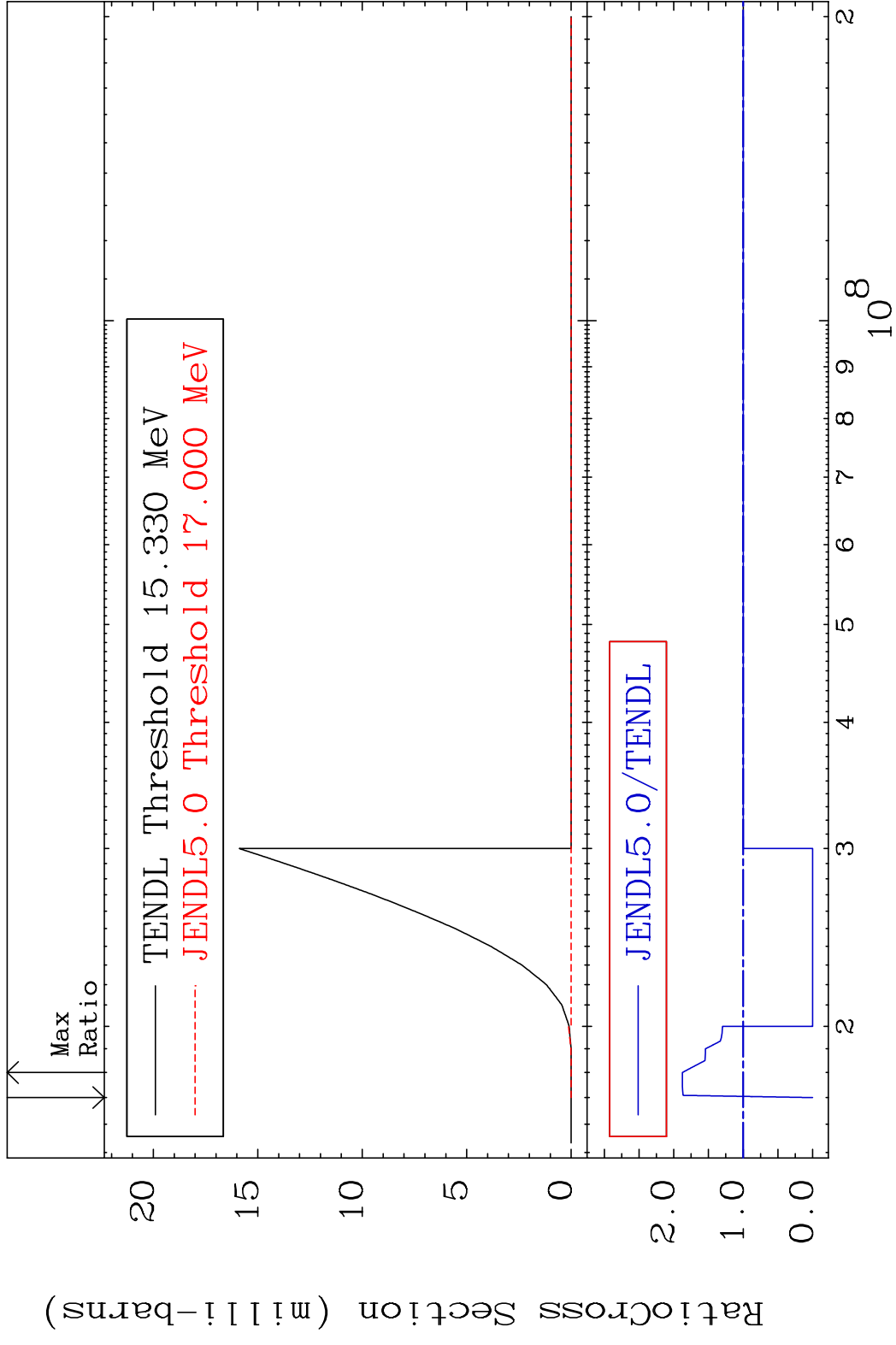
MAT 3440 (n, n') α 34-Se-79
 Cross Section -100.0 To 0.000 %



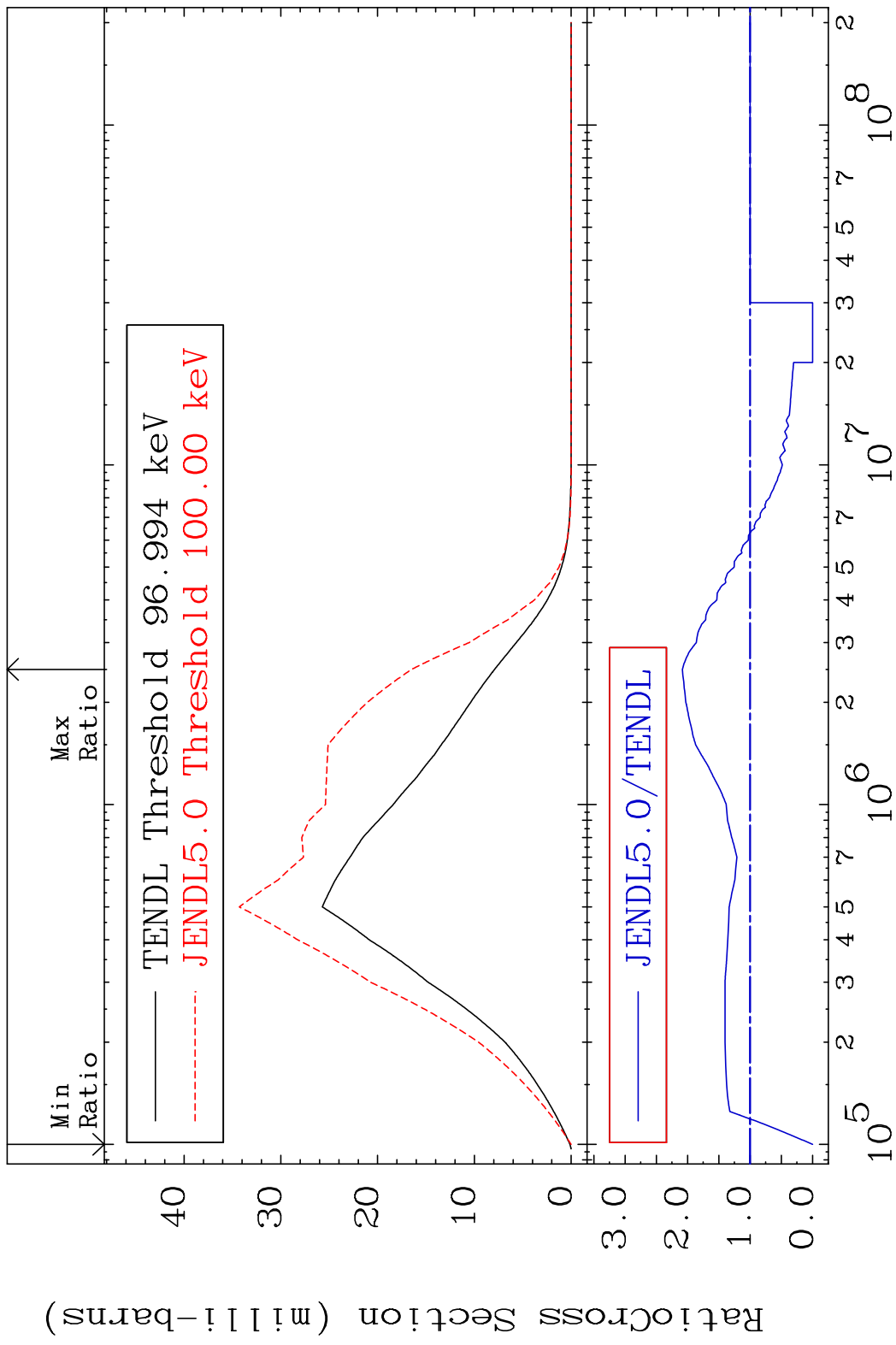
MAT 3440 (n, n') p 34-Se-79
 Cross Section -100.0 To 36.66 %



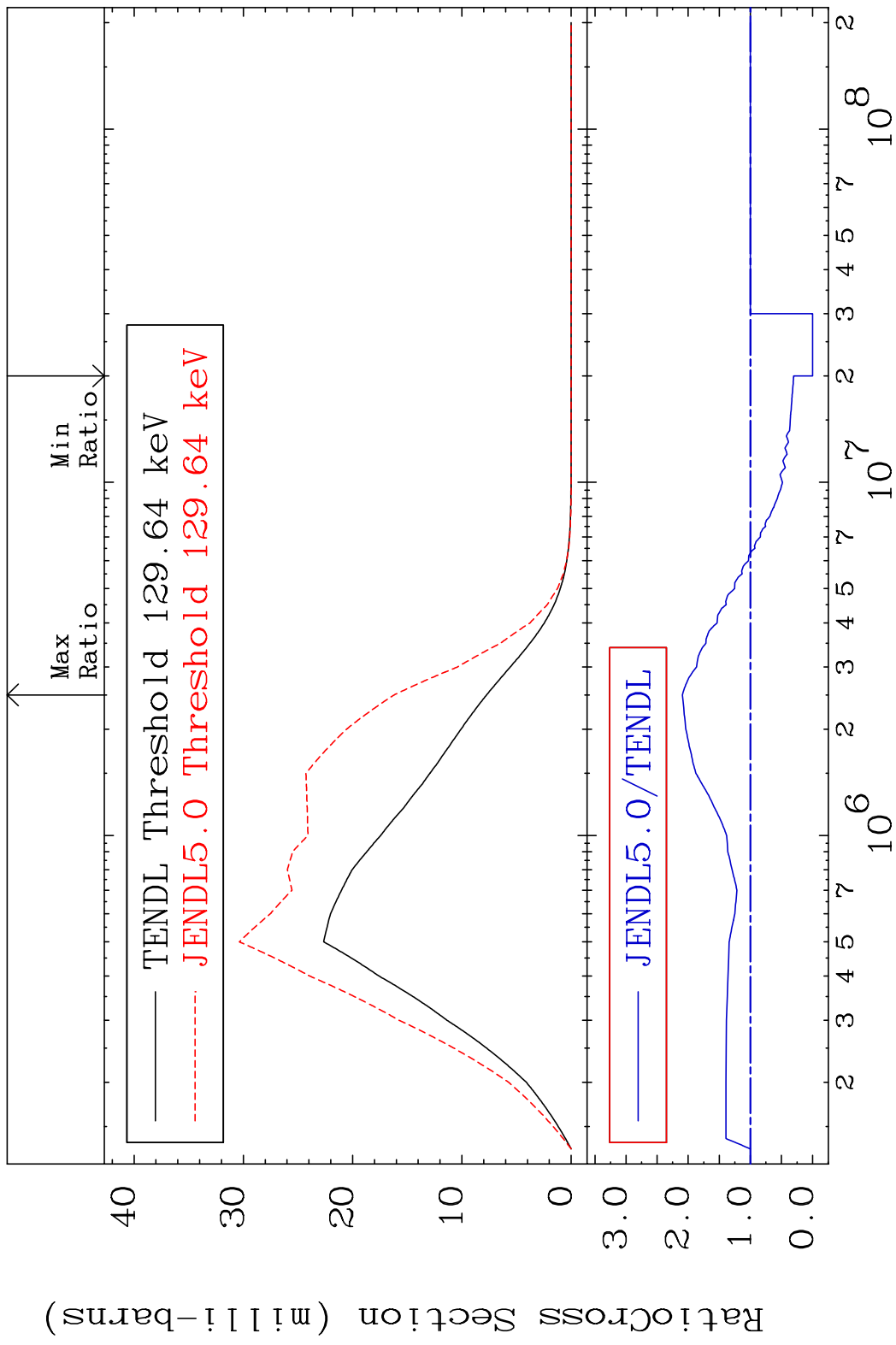
MAT 3440 (n, n') d 34-Se-79
 Cross Section -100.0 To 87.64 %



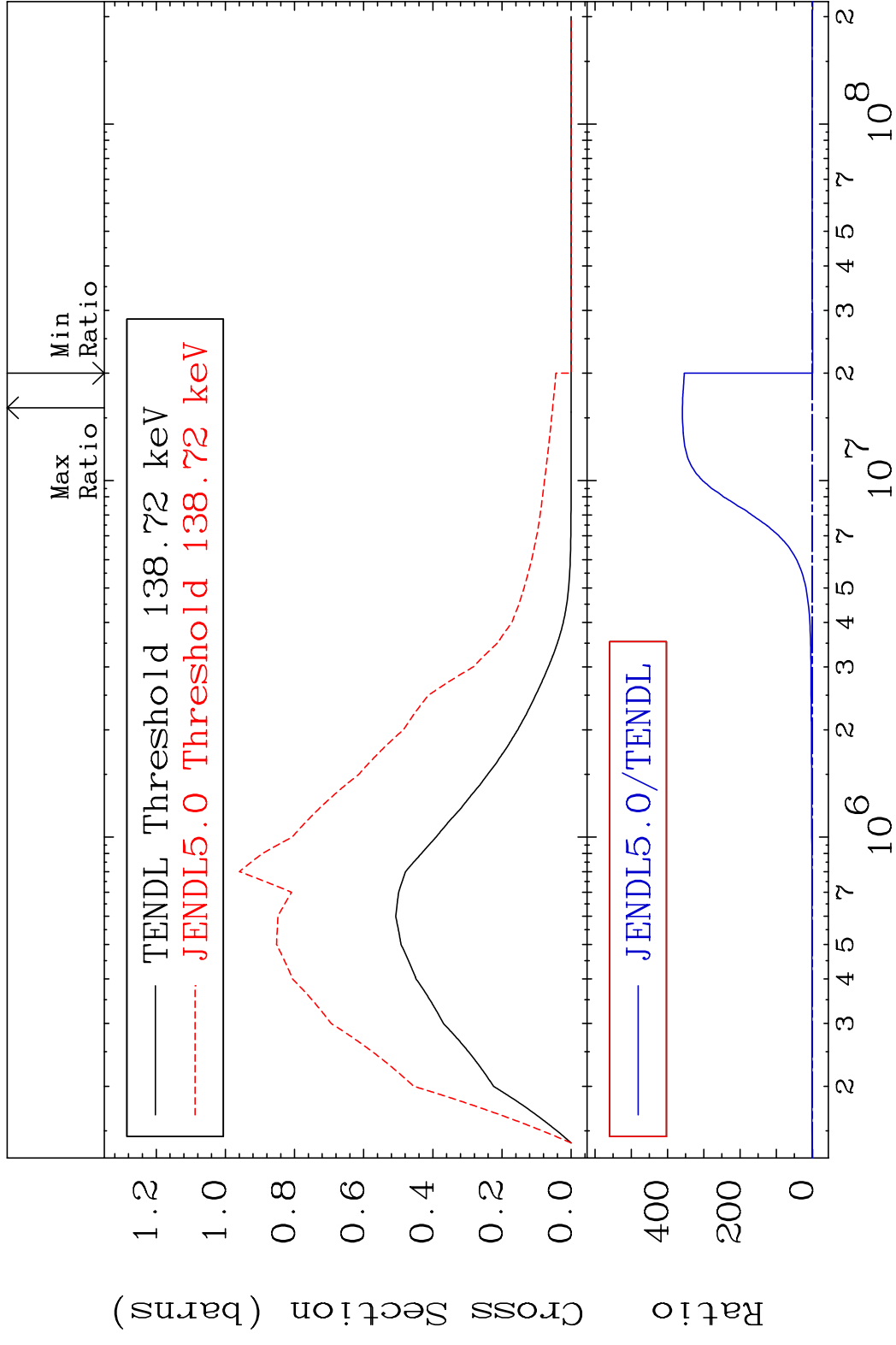
MAT 3440 MT= 51 (n, n') Level 34-Se-79
 Cross Section -100.0 To 108.3 %



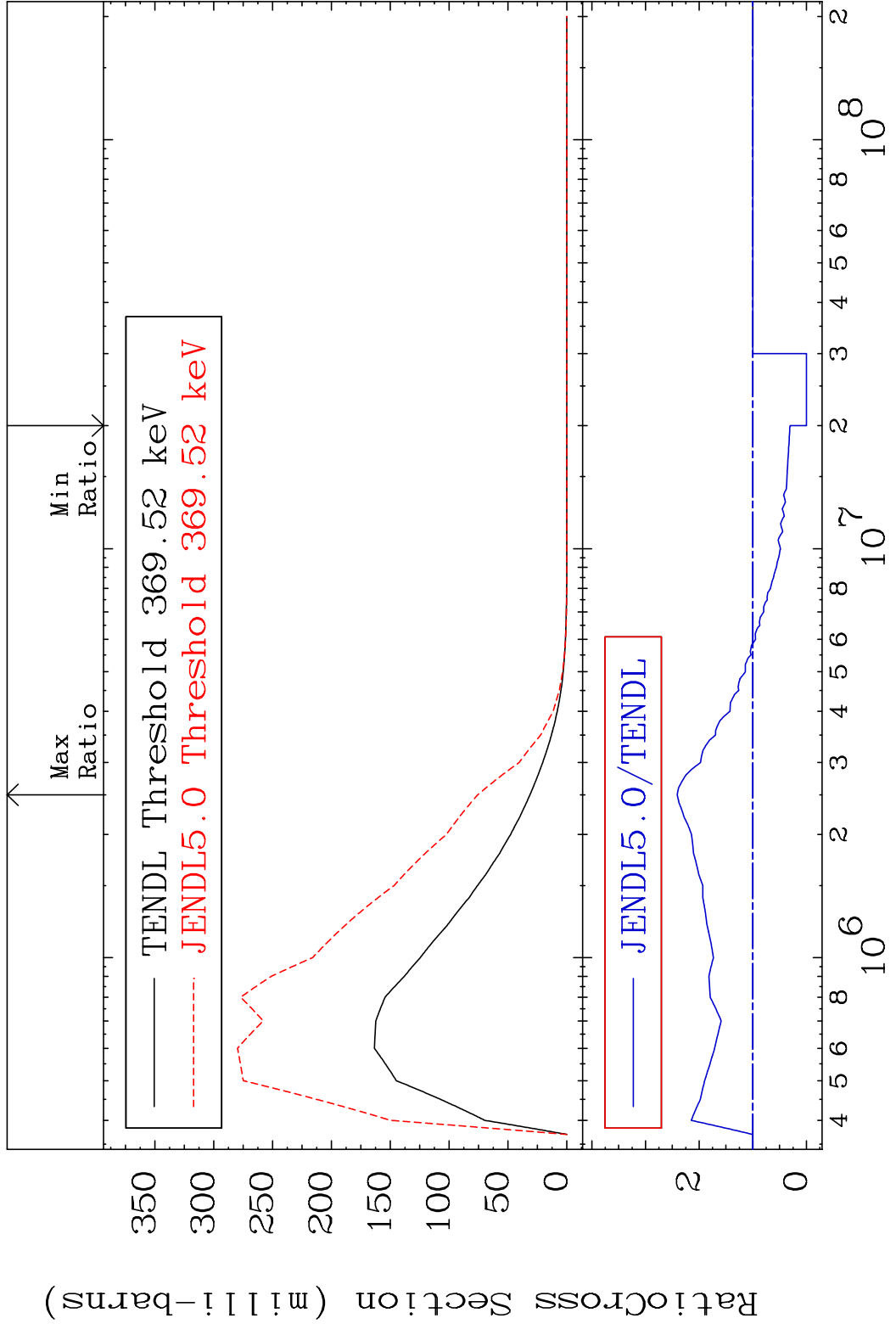
MAT 3440 MT= 52 (n, n') Level 34-Se-79
 Cross Section -100.0 To 109.4 %



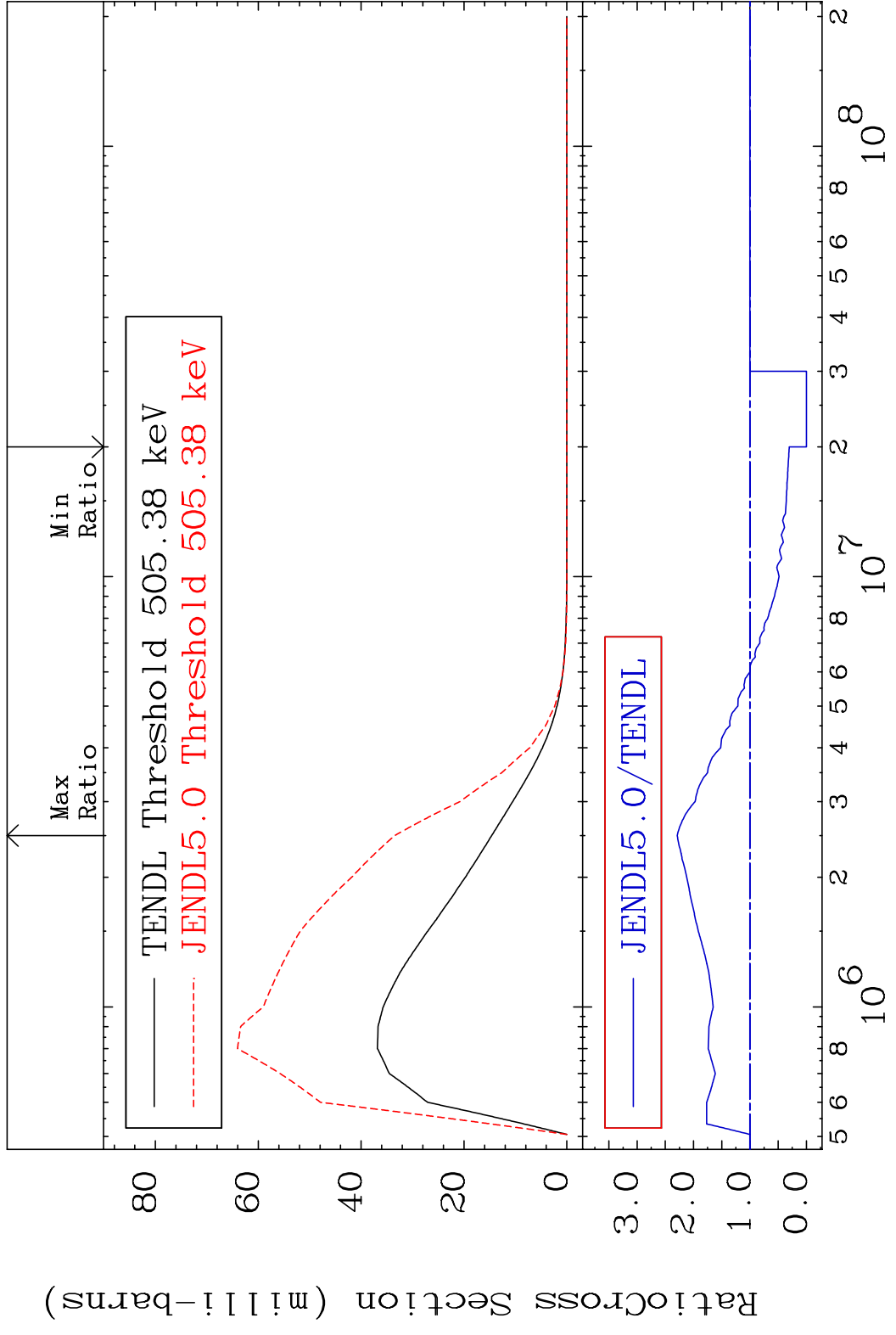
MAT 3440 MT= 53 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %



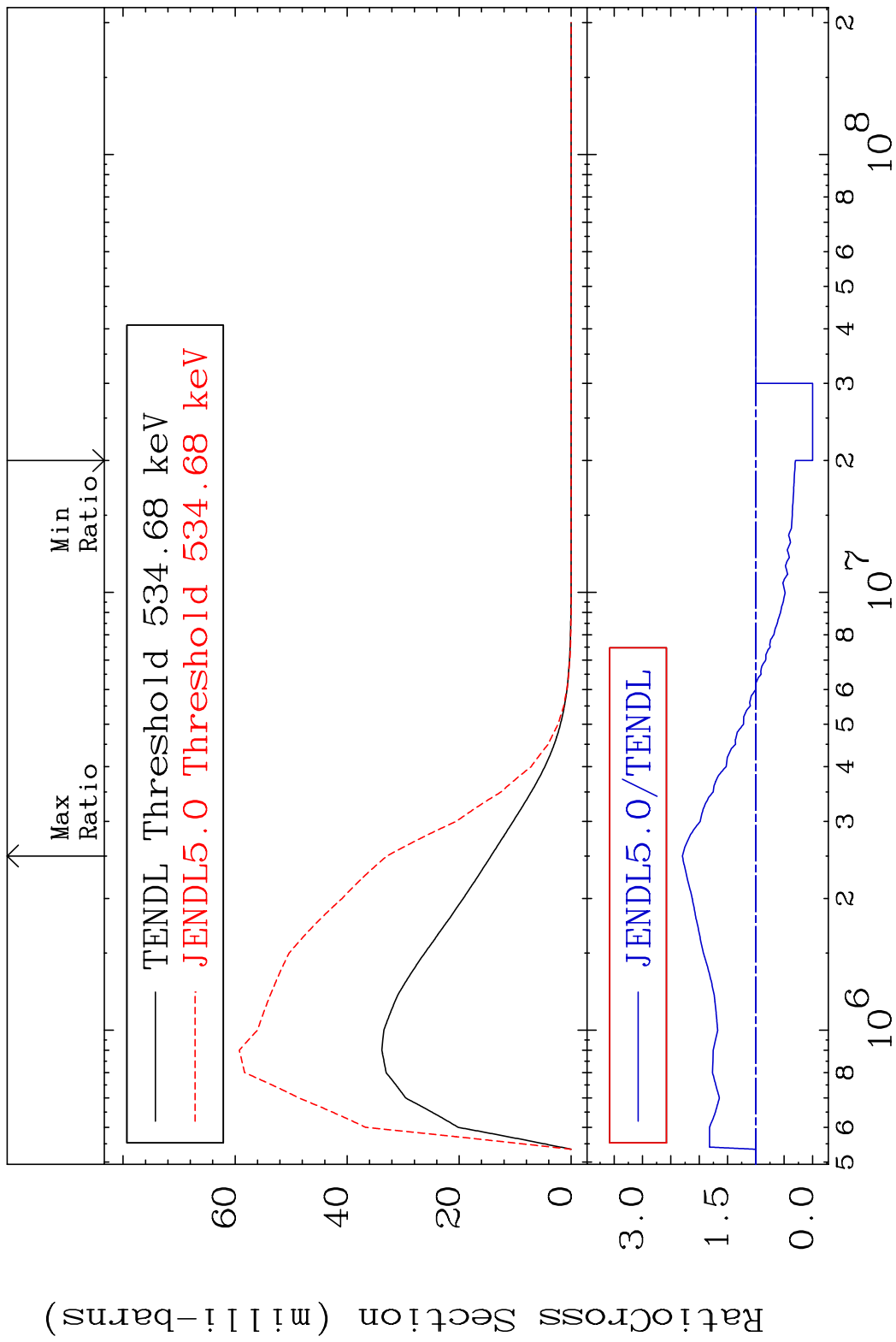
MAT 3440 MT= 54 (n, n') Level 34-Se-79
 Cross Section -100.0 To 140.9 %



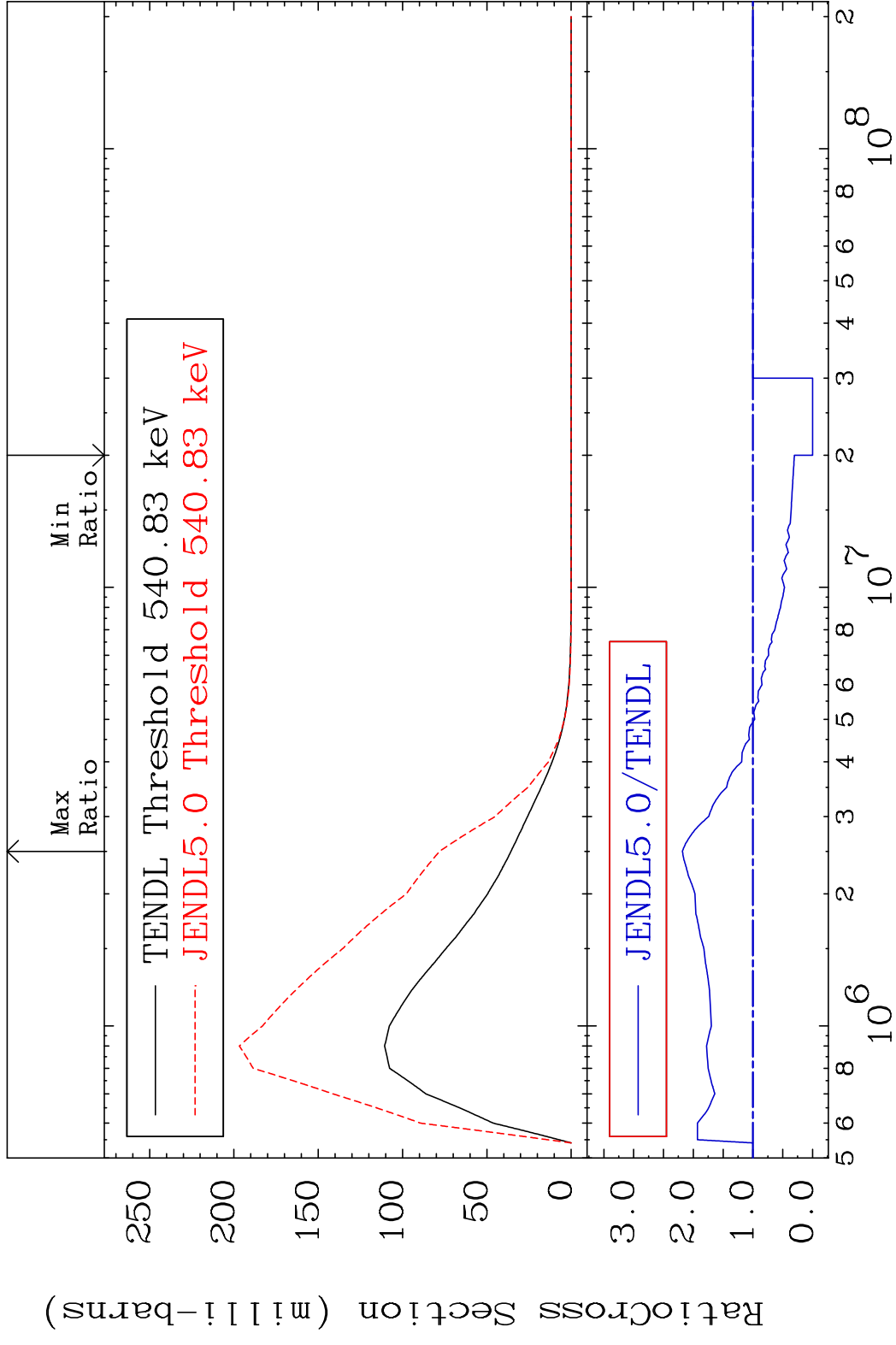
MAT 3440 MT= 55 (n, n') Level 34-Se-79
 Cross Section -100.0 To 129.0 %



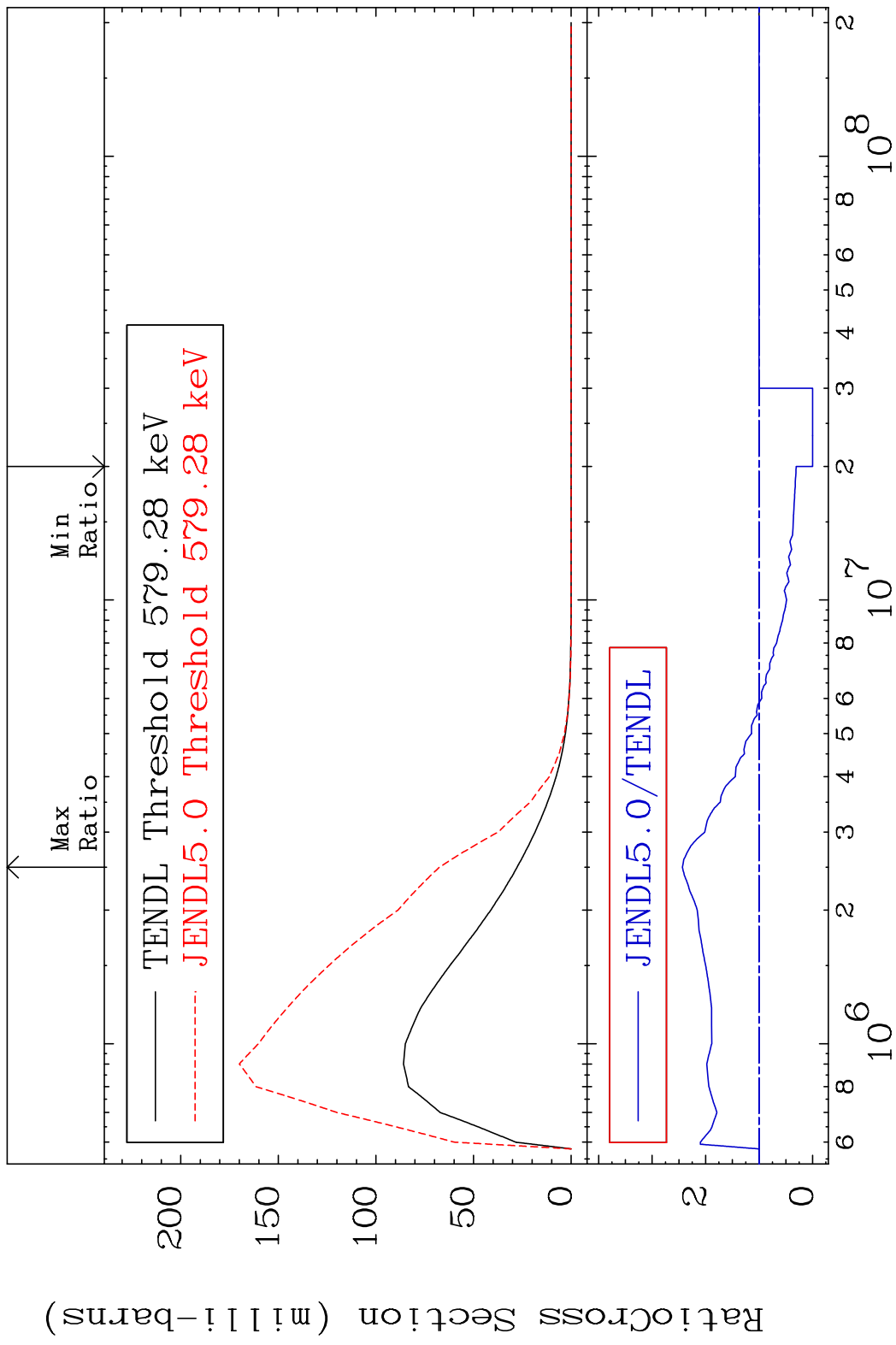
MAT 3440 MT= 56 (n, n') Level 34-Se-79
 Cross Section -100.0 To 129.7 %



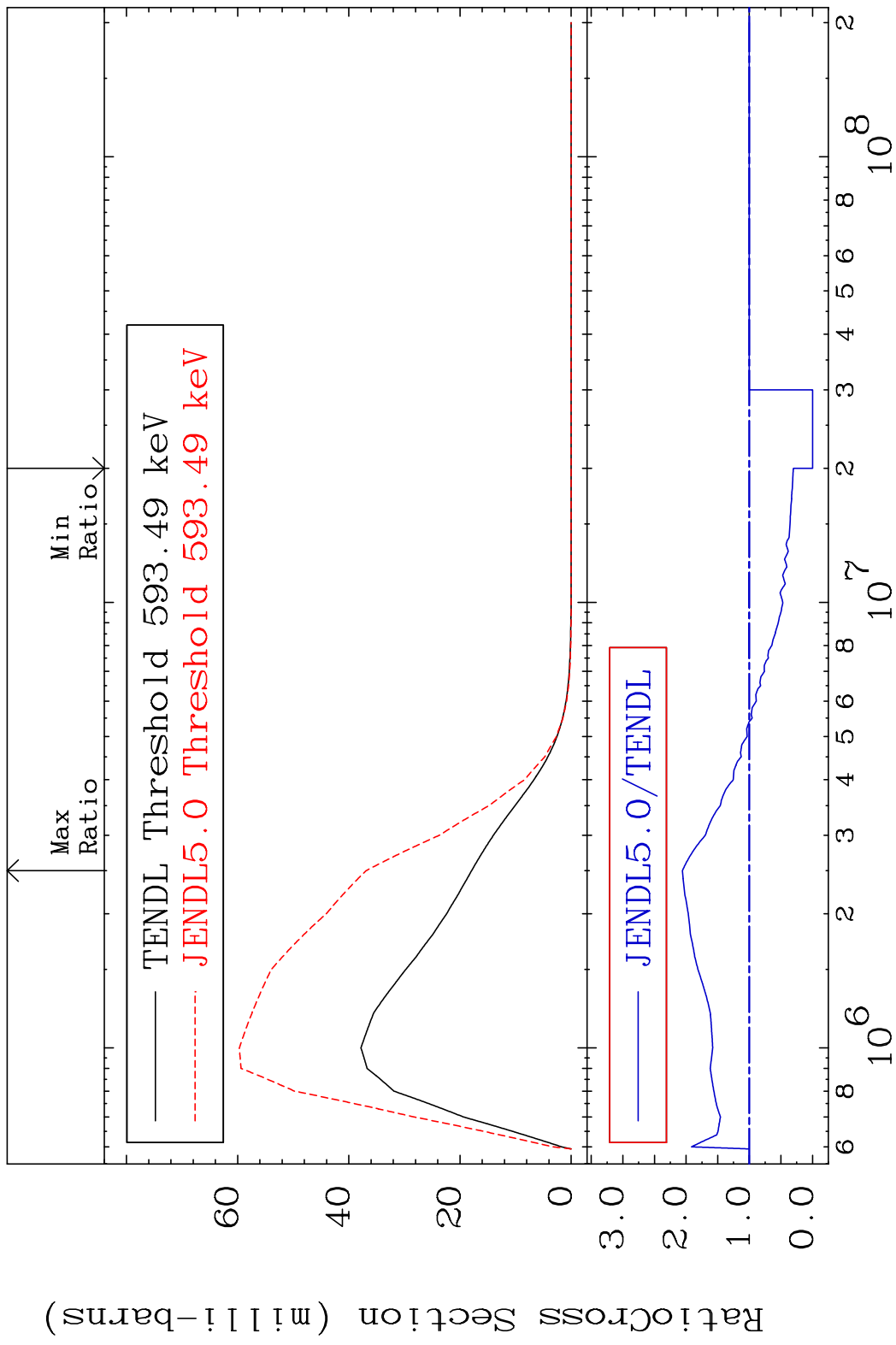
MAT 3440 MT= 57 (n, n') Level 34-Se-79
 Cross Section -100.0 To 118.4 %



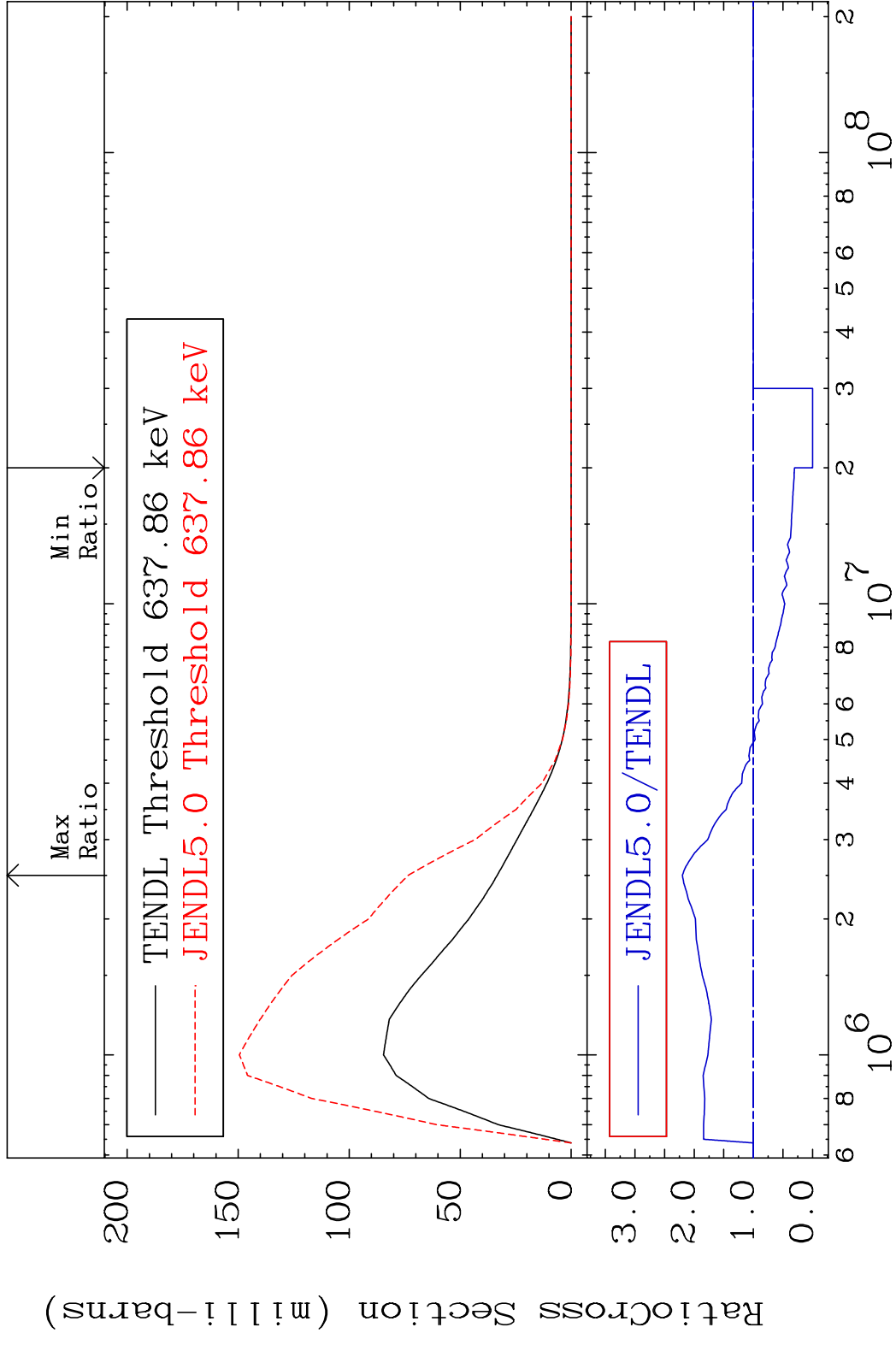
MAT 3440 MT= 58 (n, n') Level 34-Se-79
 Cross Section -100.0 To 143.5 %



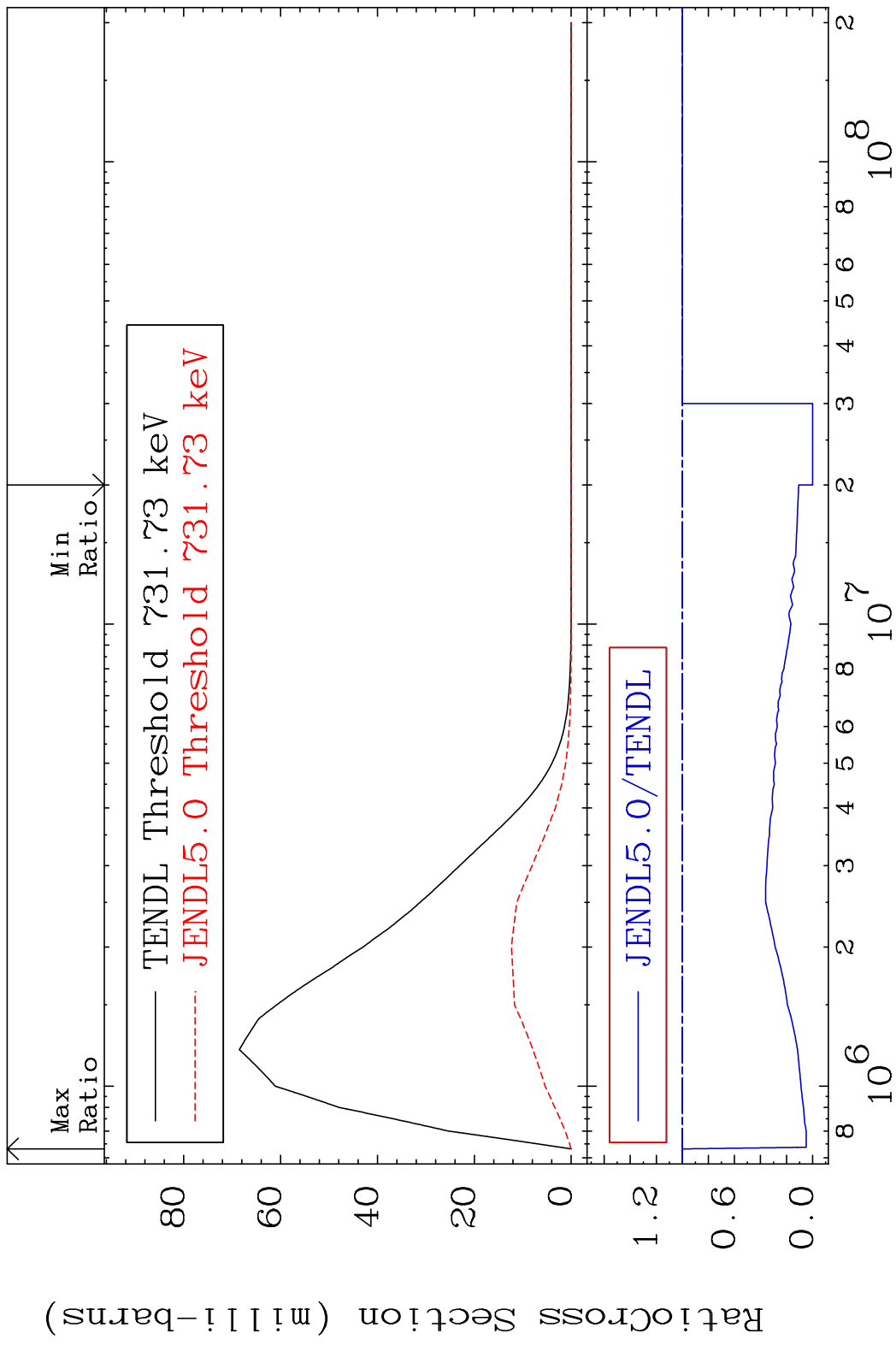
MAT 3440 MT= 59 (n, n') Level 34-Se-79
 Cross Section -100.0 To 105.9 %



MAT 3440 MT= 60 (n, n') Level 34-Se-79
 Cross Section -100.0 To 120.0 %

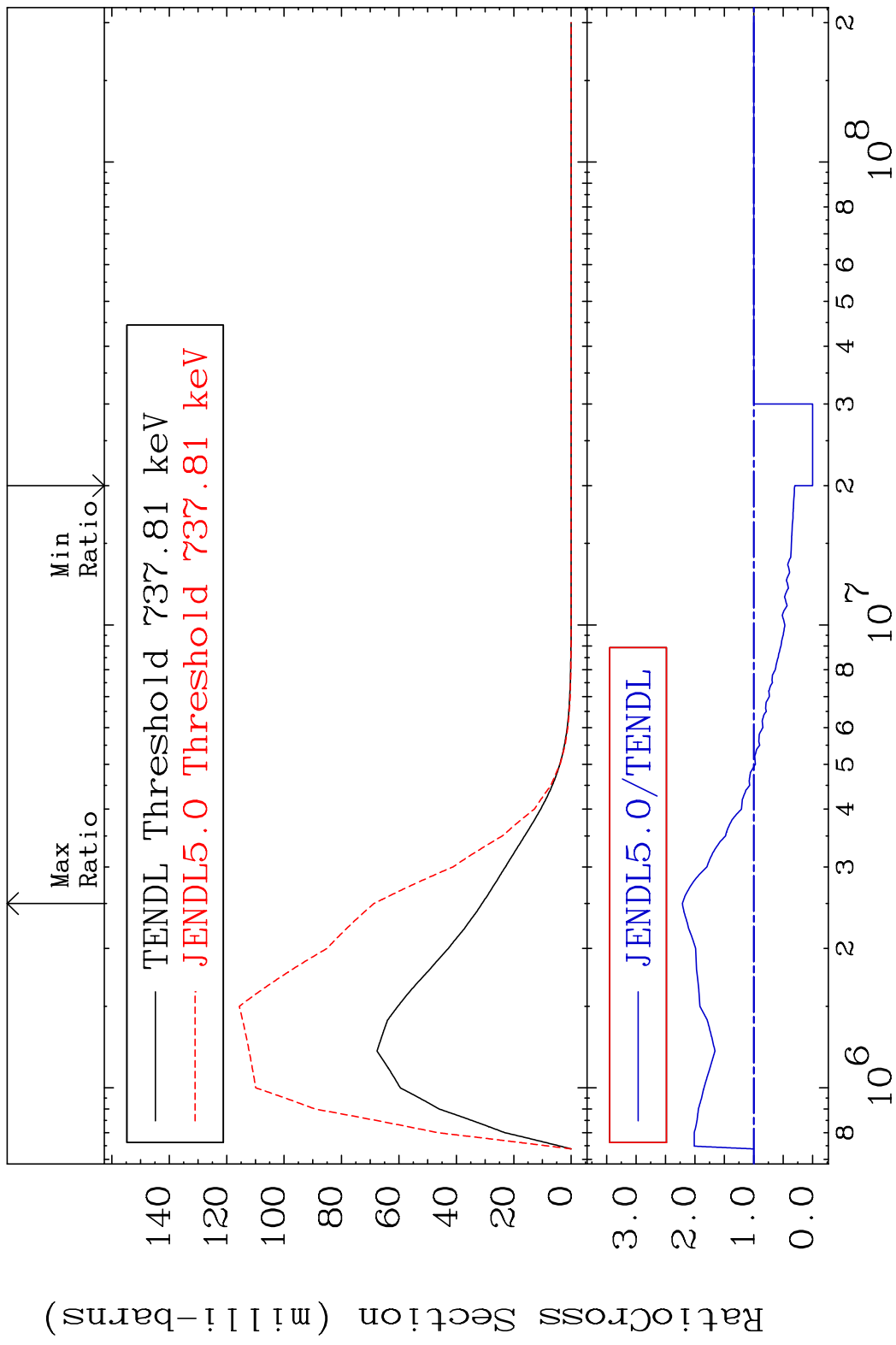


MAT 3440 MT= 61 (n, n') Level 34-Se-79
 Cross Section -100.0 To 0.000 %

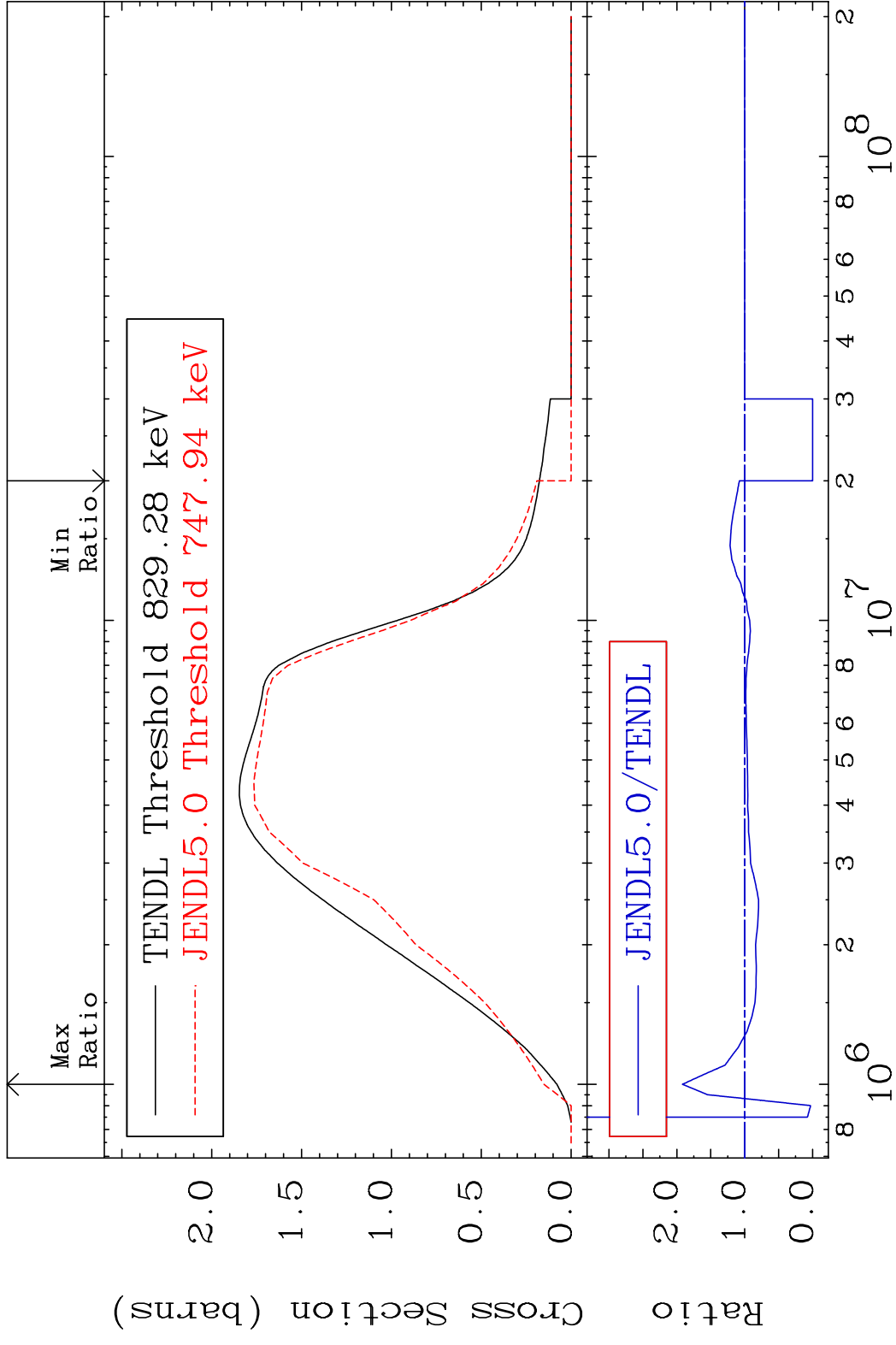


20 34-Se-79

MAT 3440 MT= 62 (n, n') Level 34-Se-79
 Cross Section -100.0 To 121.2 %



MAT 3440 (n,n') Continuum 34-Se-79
 Cross Section -100.0 To 91.86 %

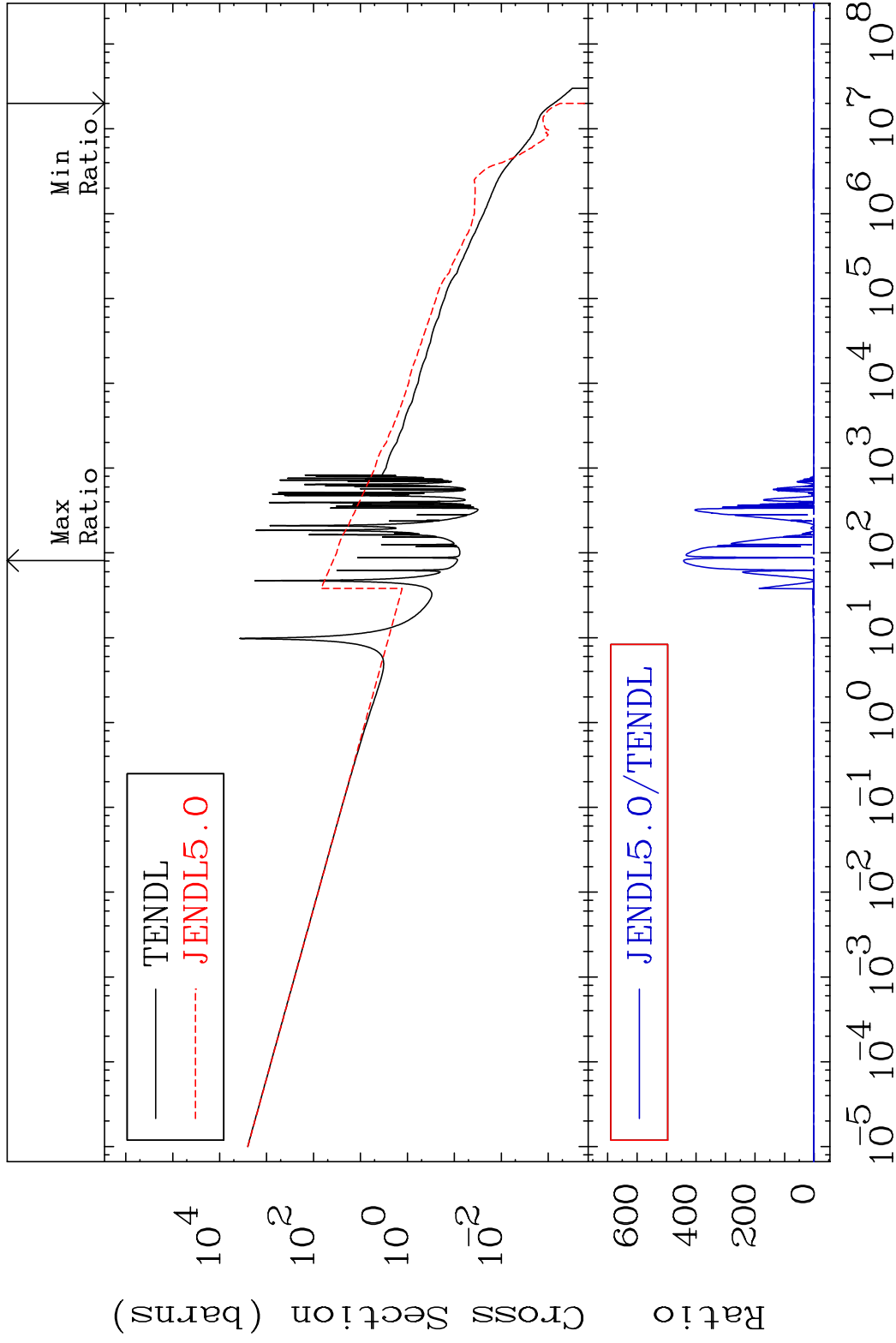


MAT 3440

(n, γ)

34-Se-79

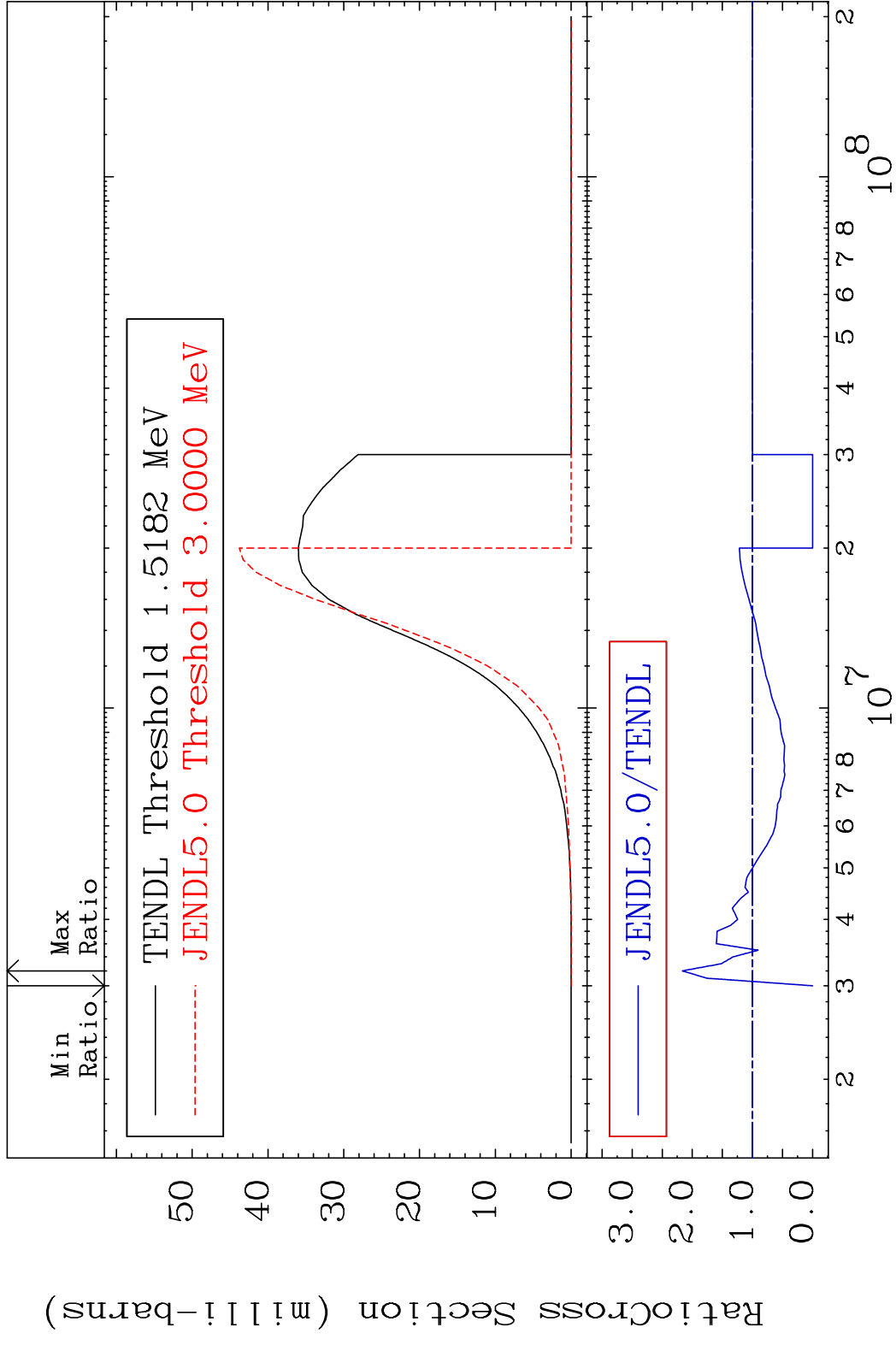
Cross Section -100.0 To 9999. %



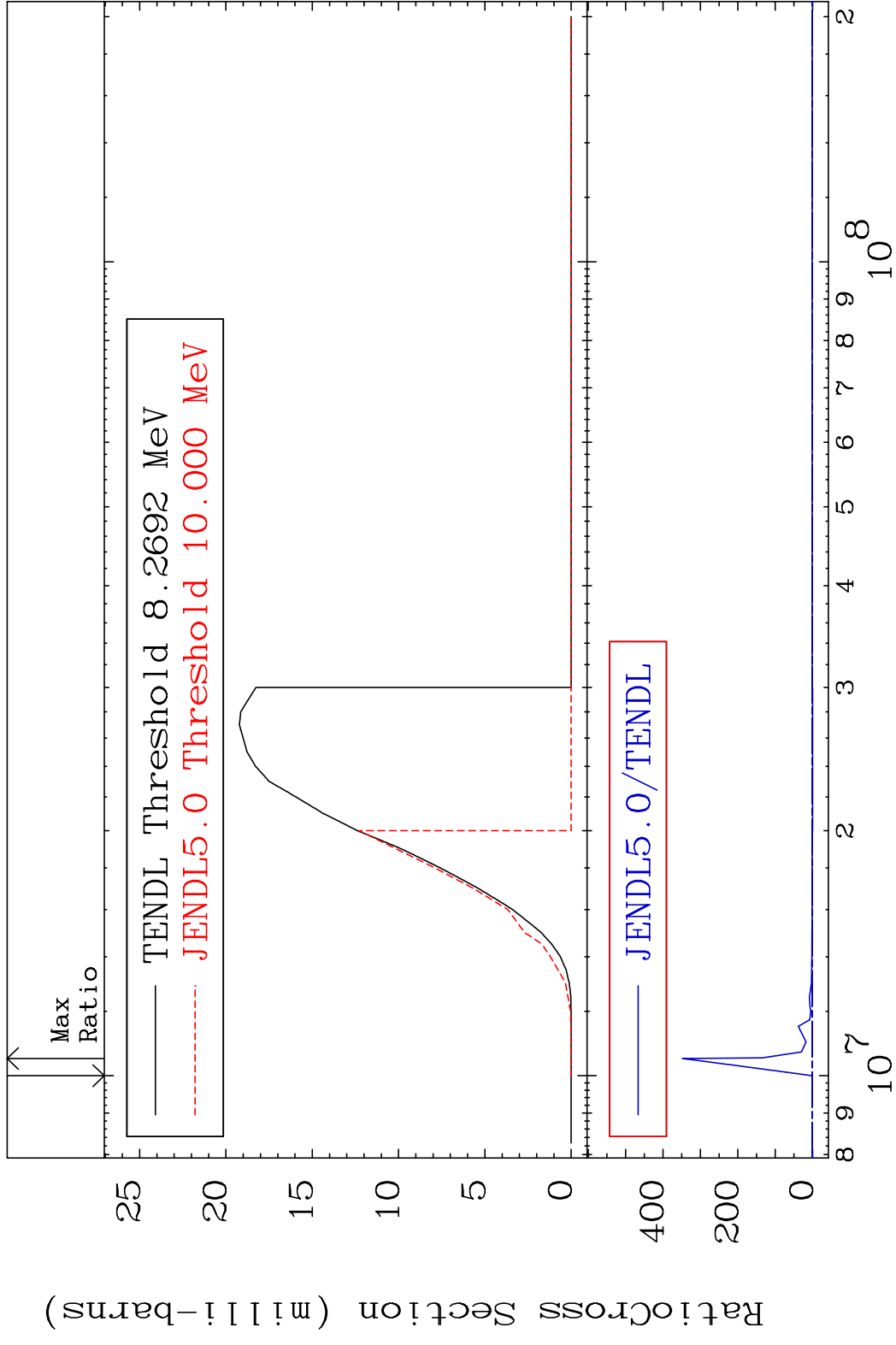
23

Incident Energy (eV)

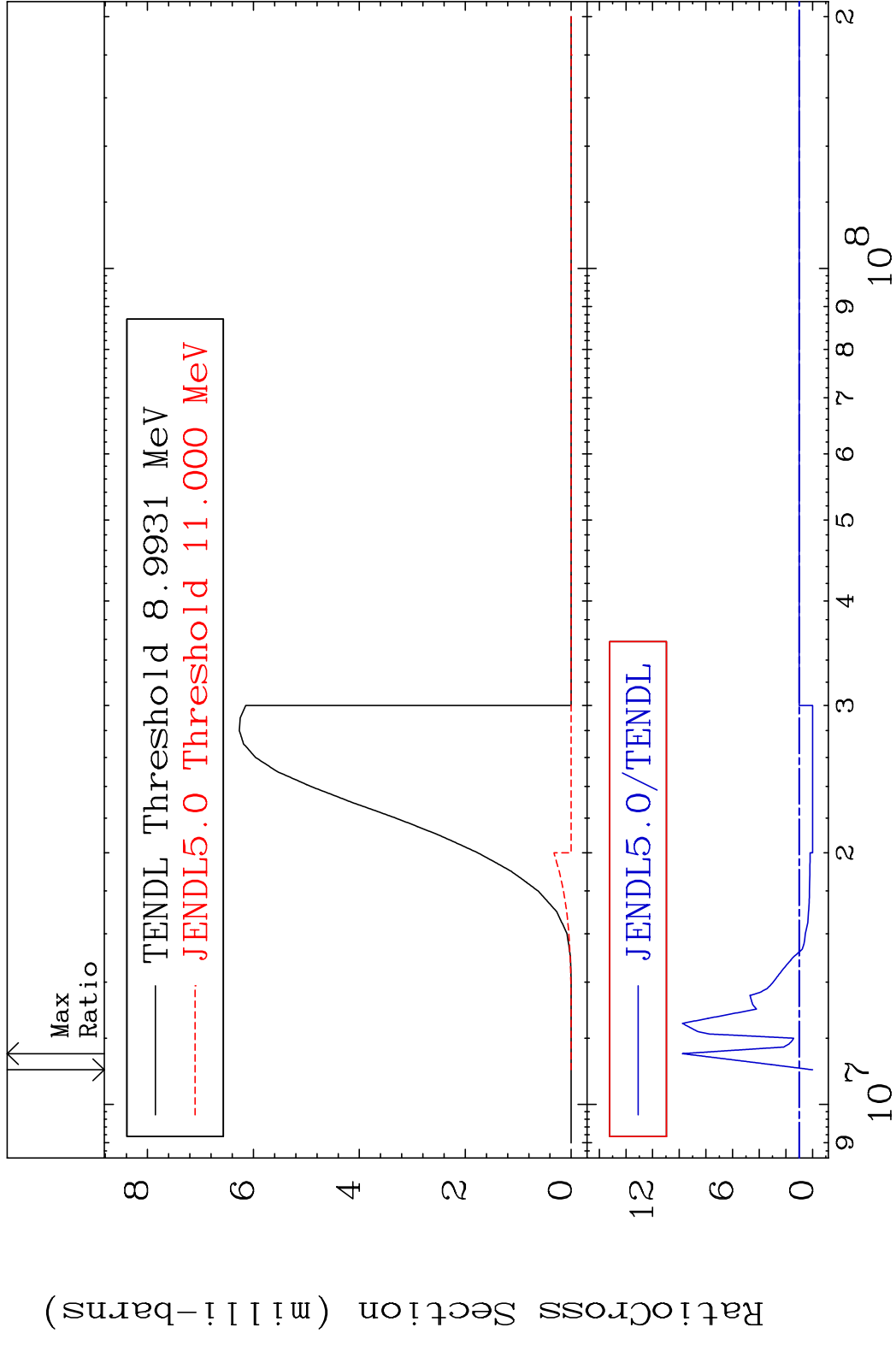
34-Se-79



MAT 3440 (n,d) 34-Se-79
 Cross Section -100.0 To 9999. %

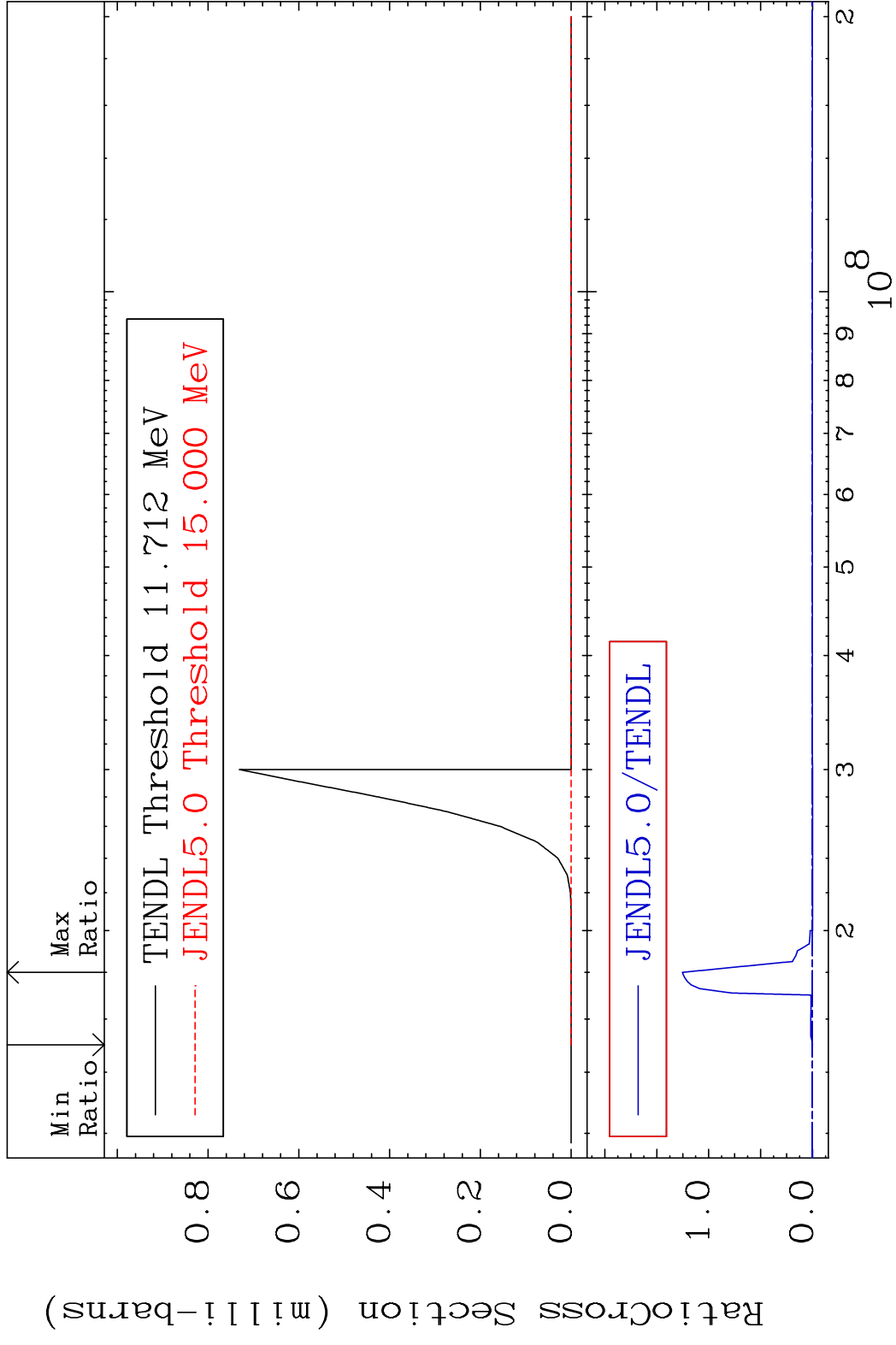


MAT 3440 (n, t) 34-Se-79
 Cross Section -100.0 To 876.9 %



26 Incident Energy (eV) 34-Se-79

MAT 3440 (n, He-3) 34-Se-79
 Cross Section -100.0 To 9999. %

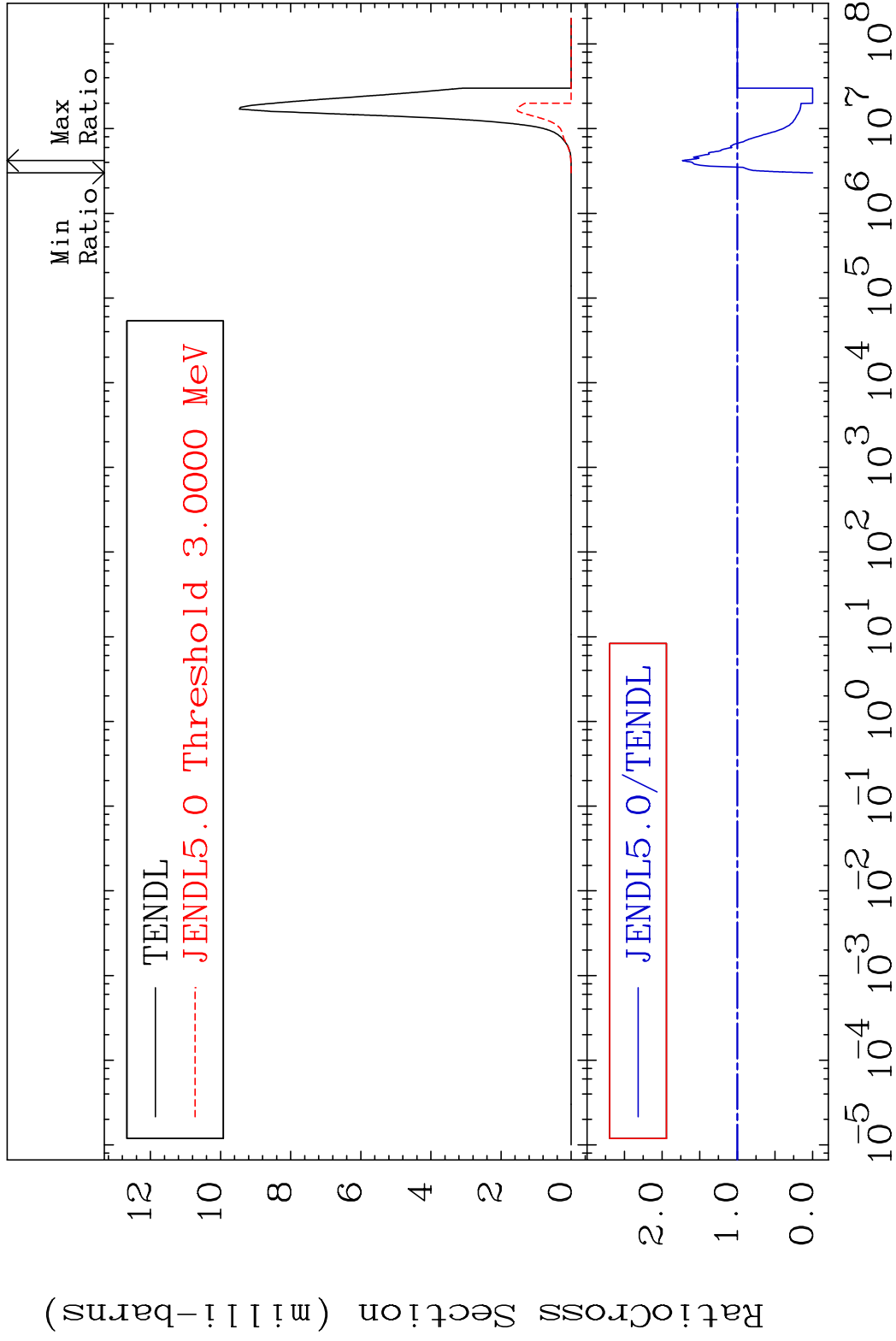


MAT 3440

(n, α)

34-Se-79

Cross Section -100.0 To 73.01 %

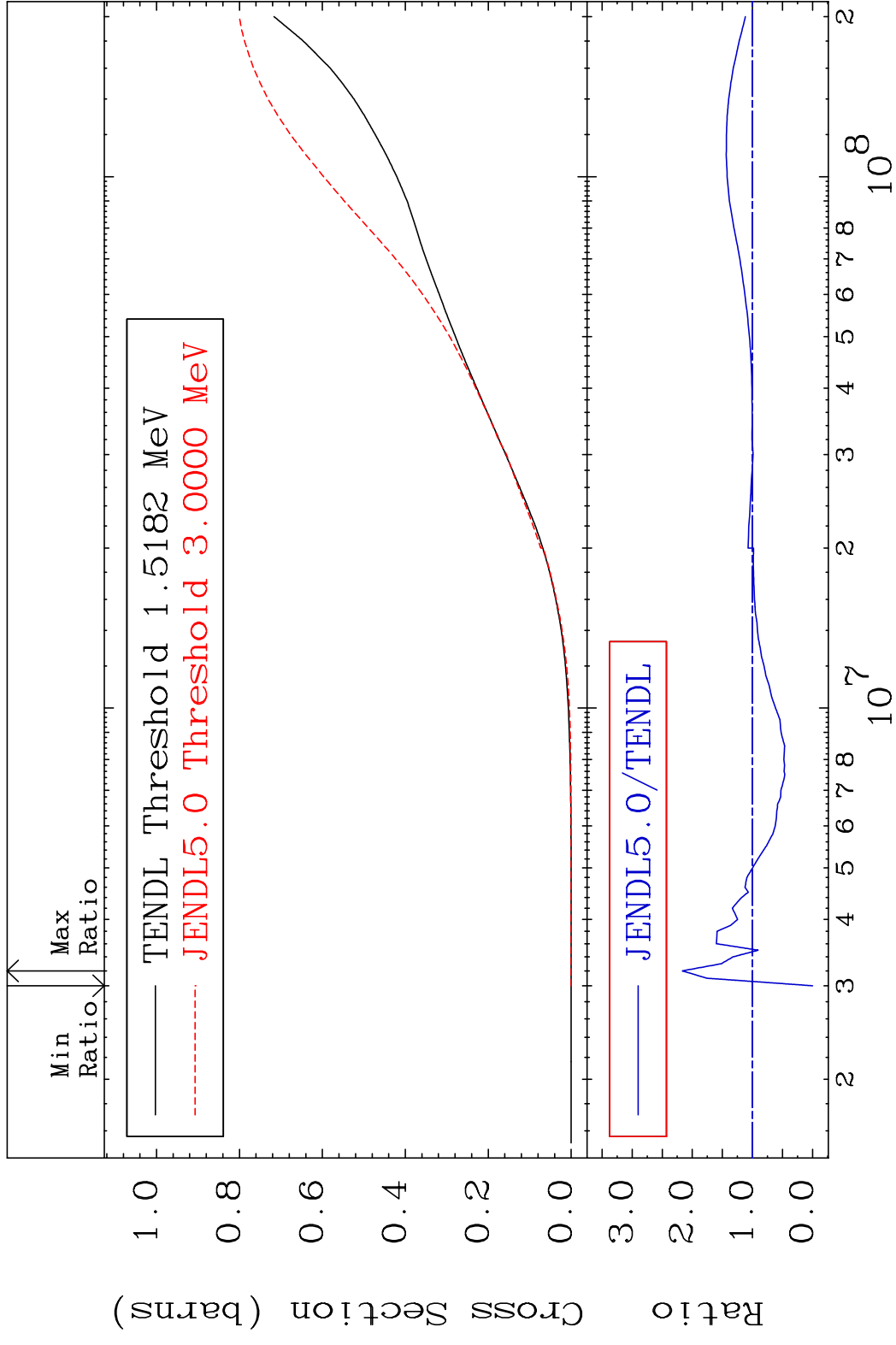


28

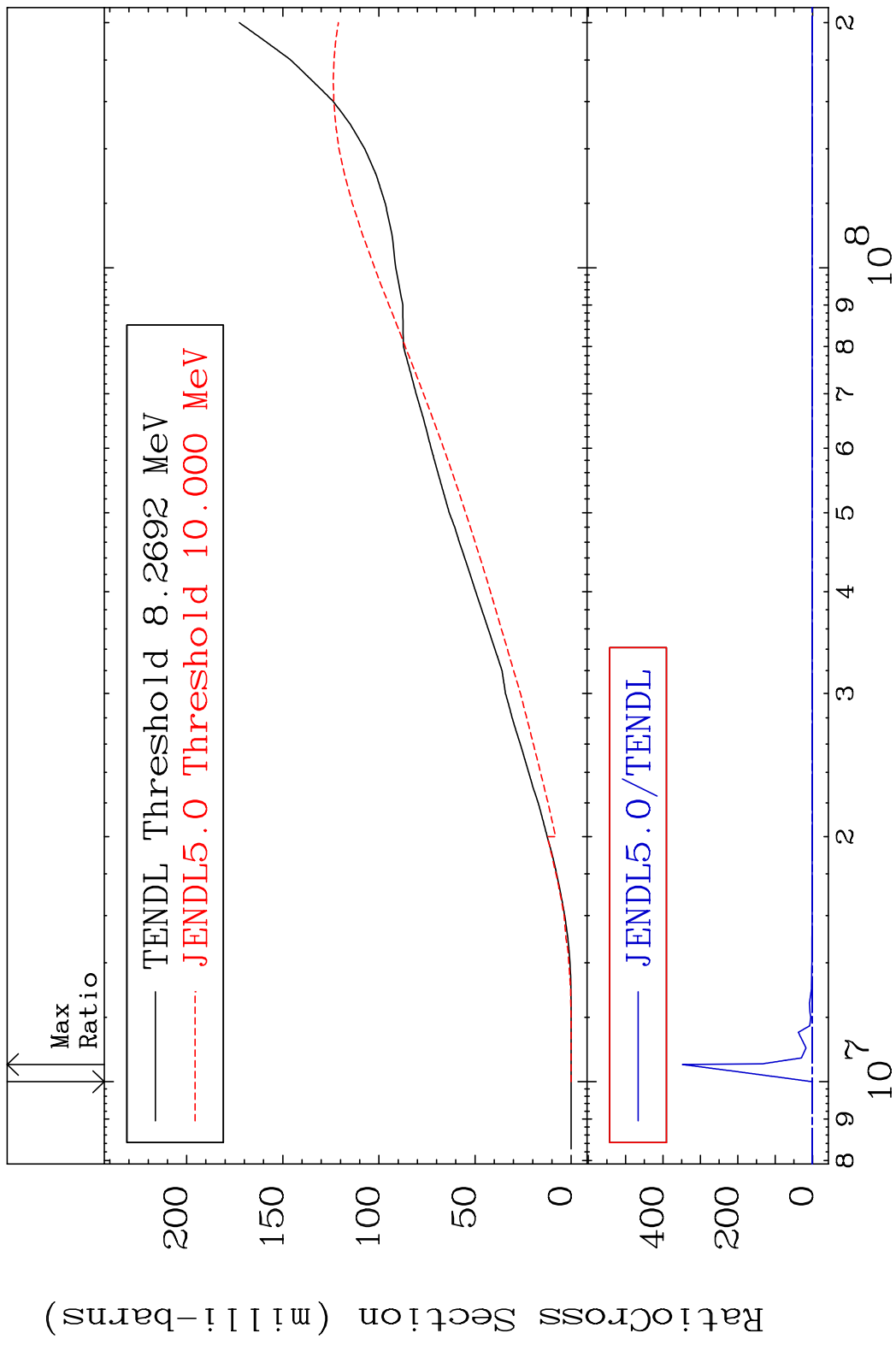
Incident Energy (eV)

34-Se-79

Cross Section -100.0 To 116.5 %

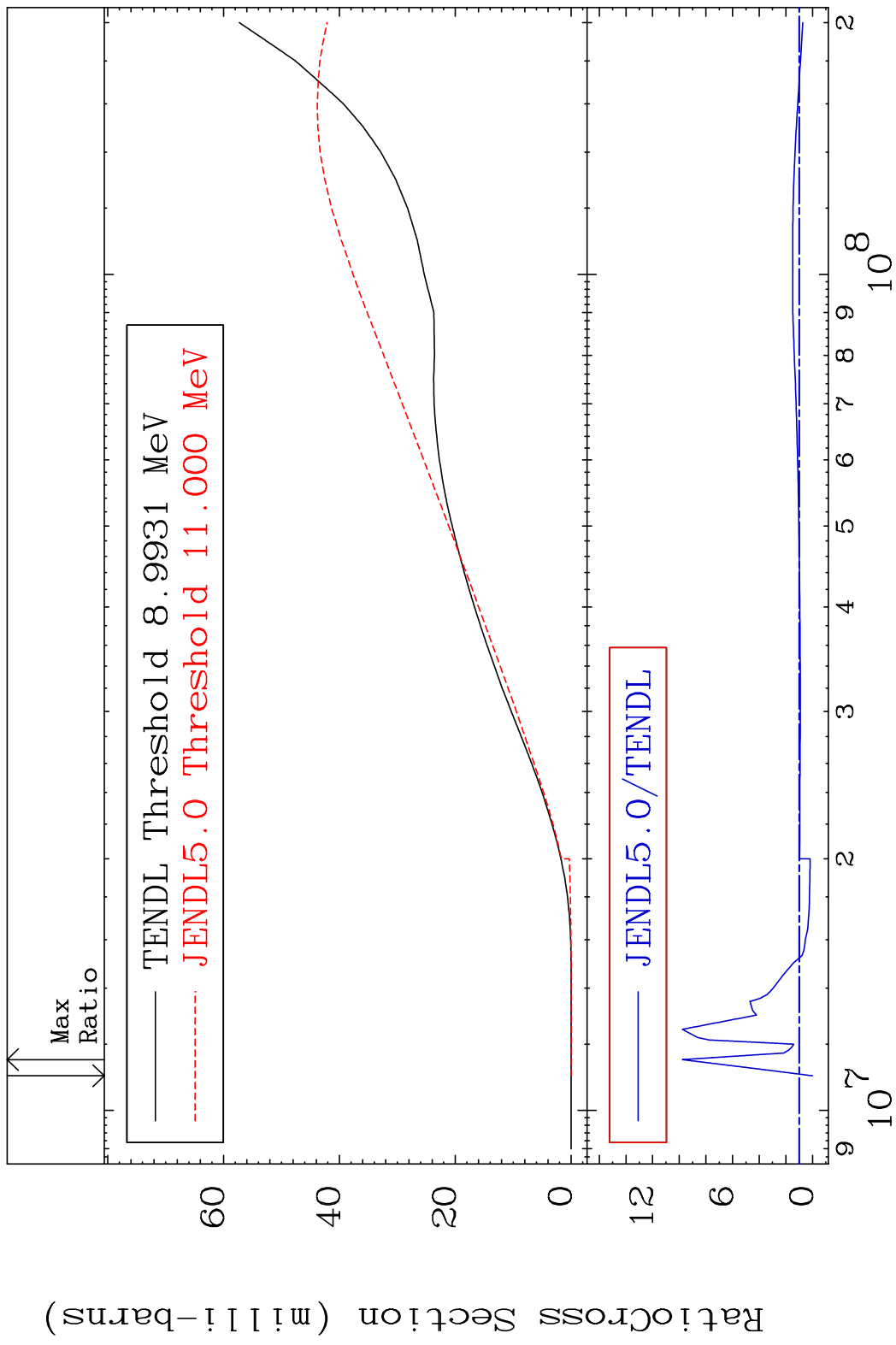


MAT 3440 Deuterium Production 34-Se-79
 Cross Section -100.0 To 9999. %



30 Incident Energy (eV) 34-Se-79

MAT 3440 Tritium Production 34-Se-79
 Cross Section -100.0 To 876.9 %



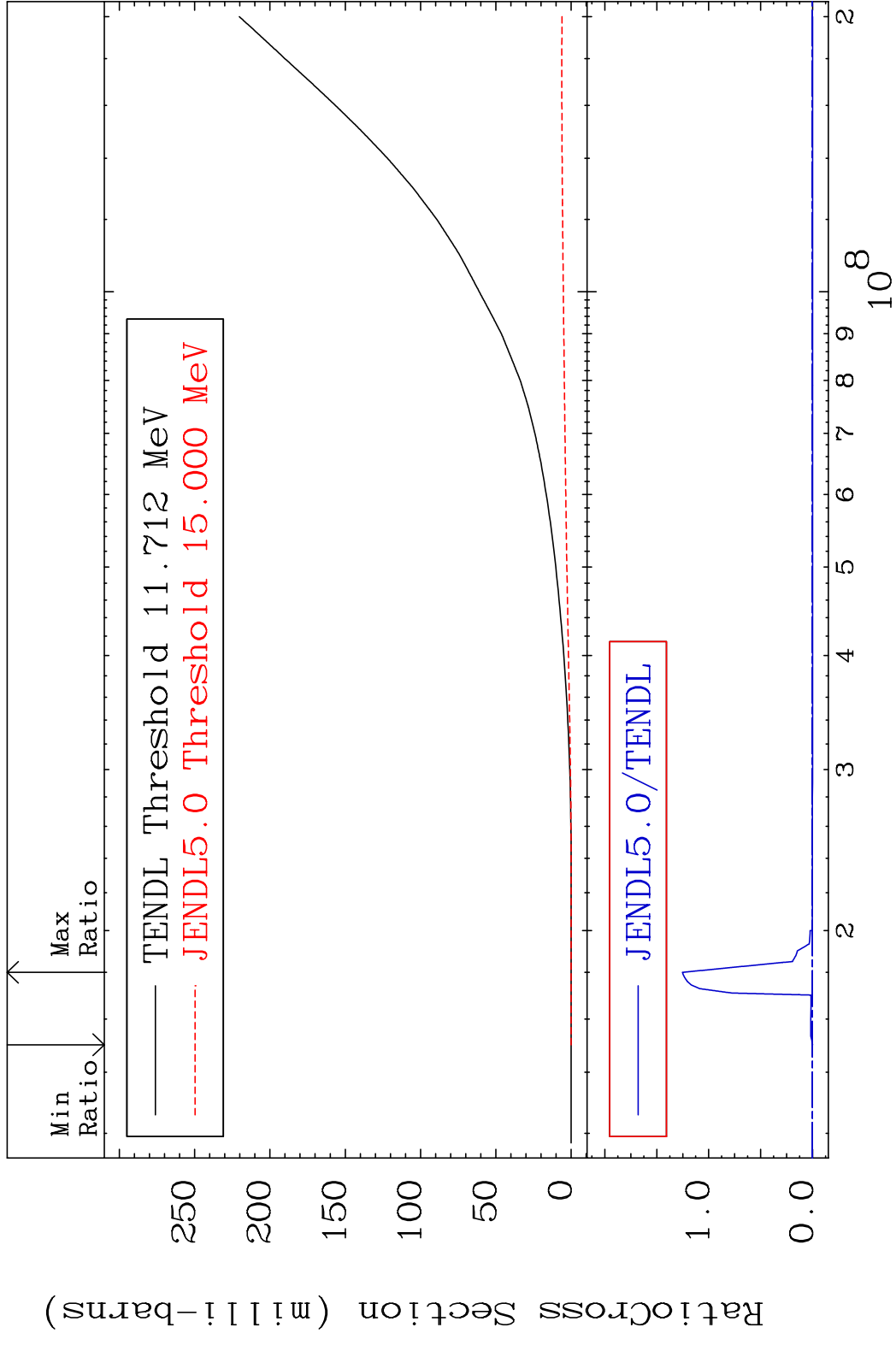
31 Incident Energy (eV) 34-Se-79

MAT 3440

He-3 Production

34-Se-79

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

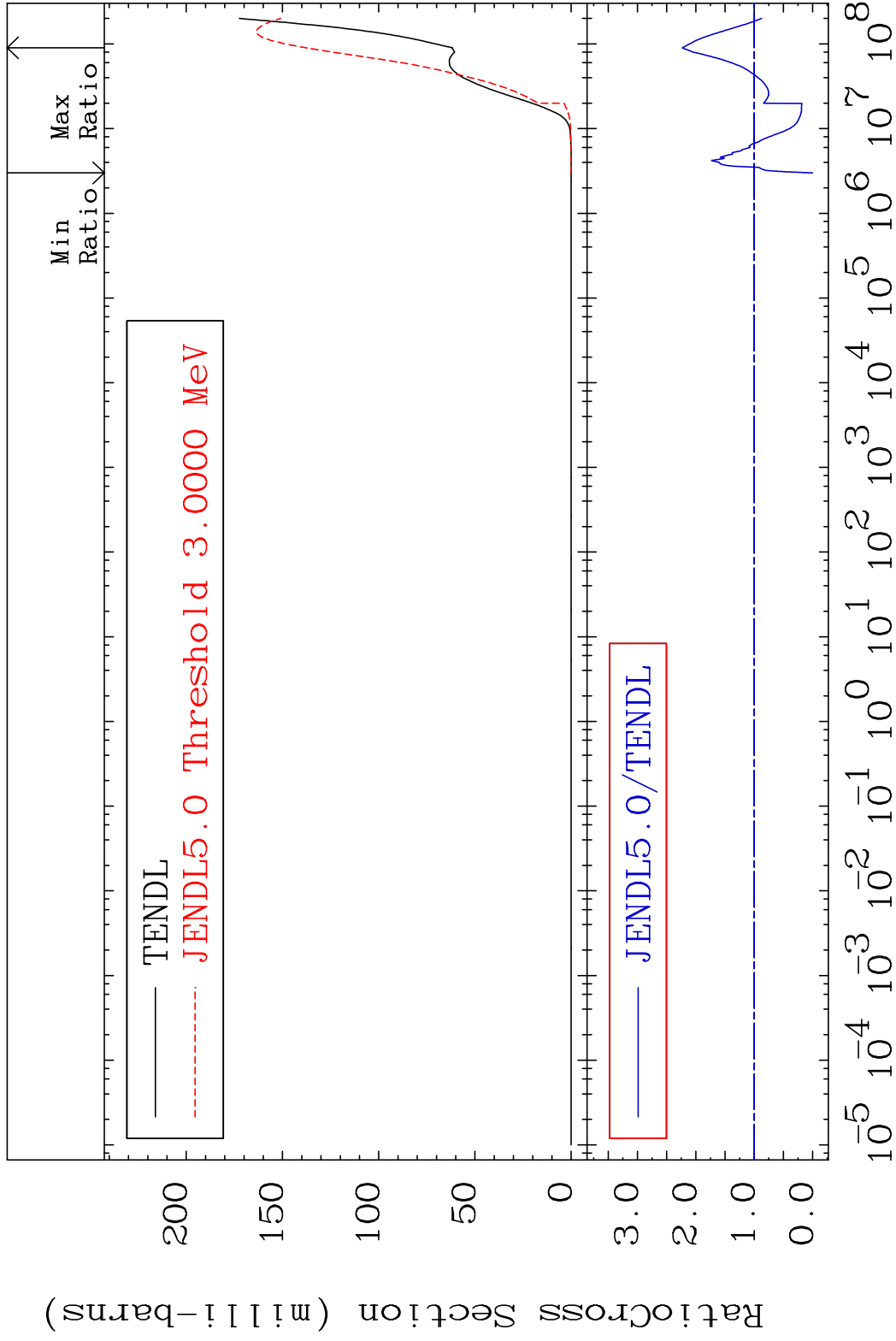
34-Se-79

MAT 3440

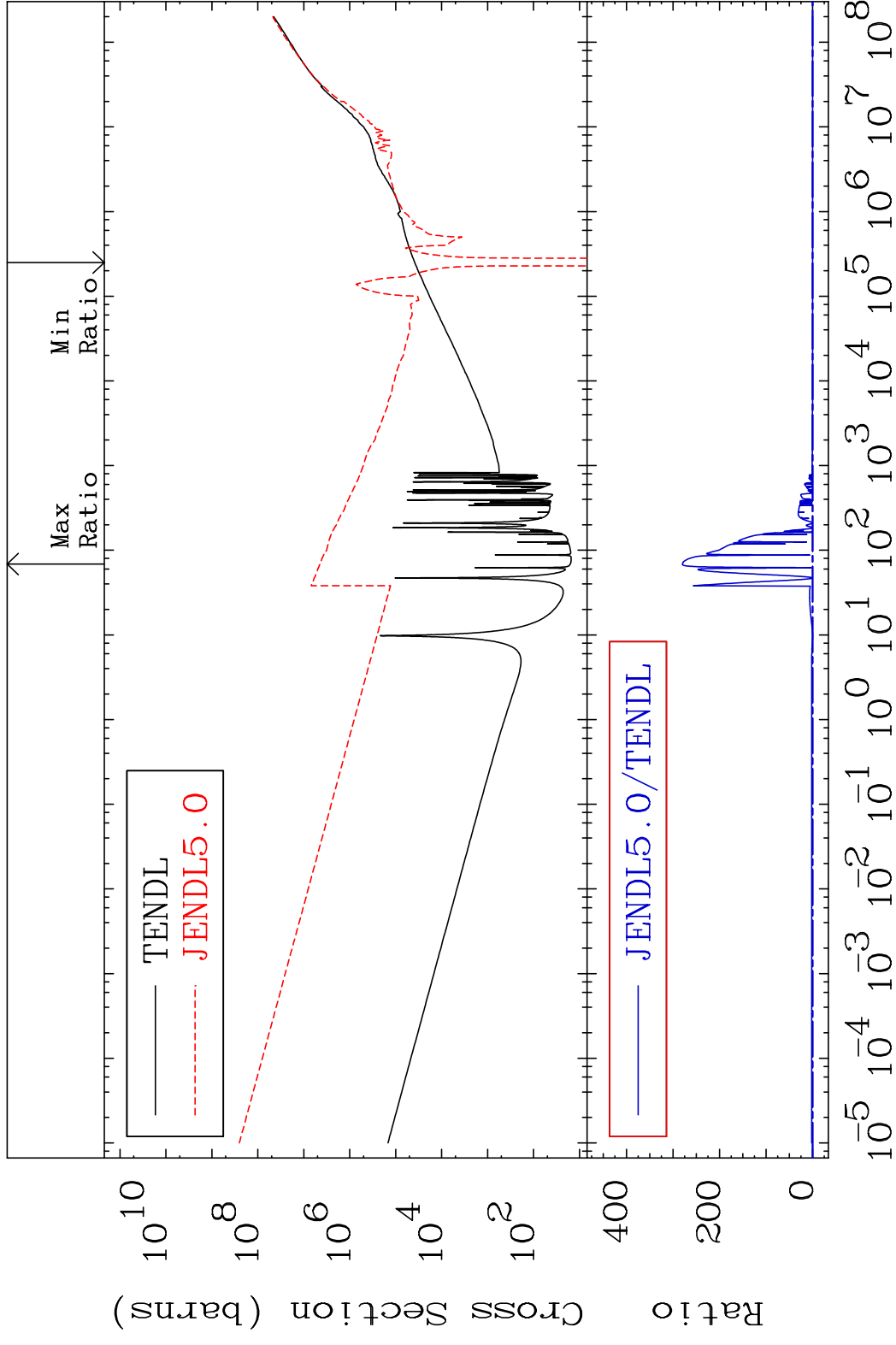
He-4 Production

34-Se-79

Cross Section -100.0 To 123.0 %



MAT 3440 Kerma total (eV-barns) 34-Se-79
 Cross Section -140.2 To 9999. %

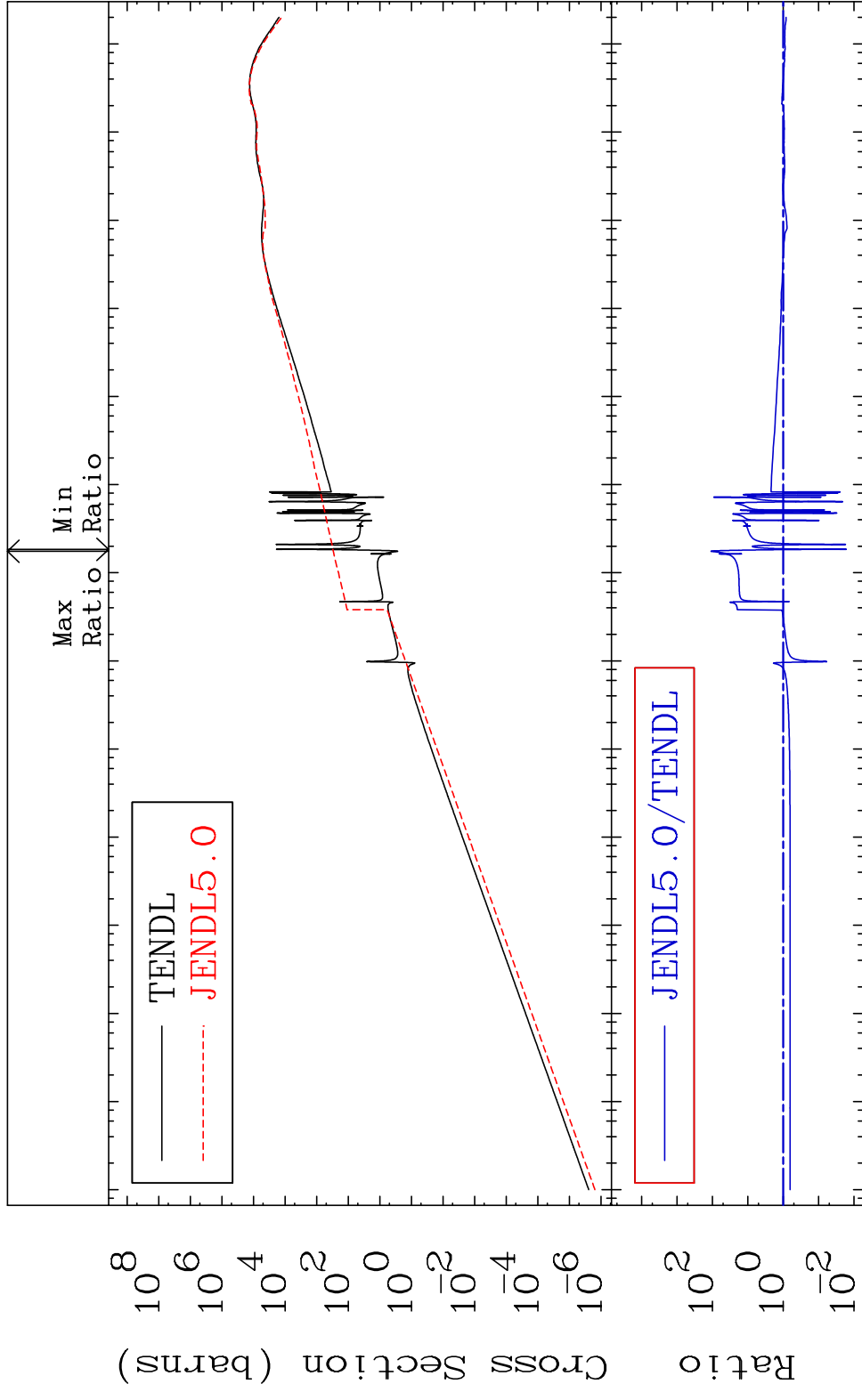


34 Incident Energy (eV) 34-Se-79

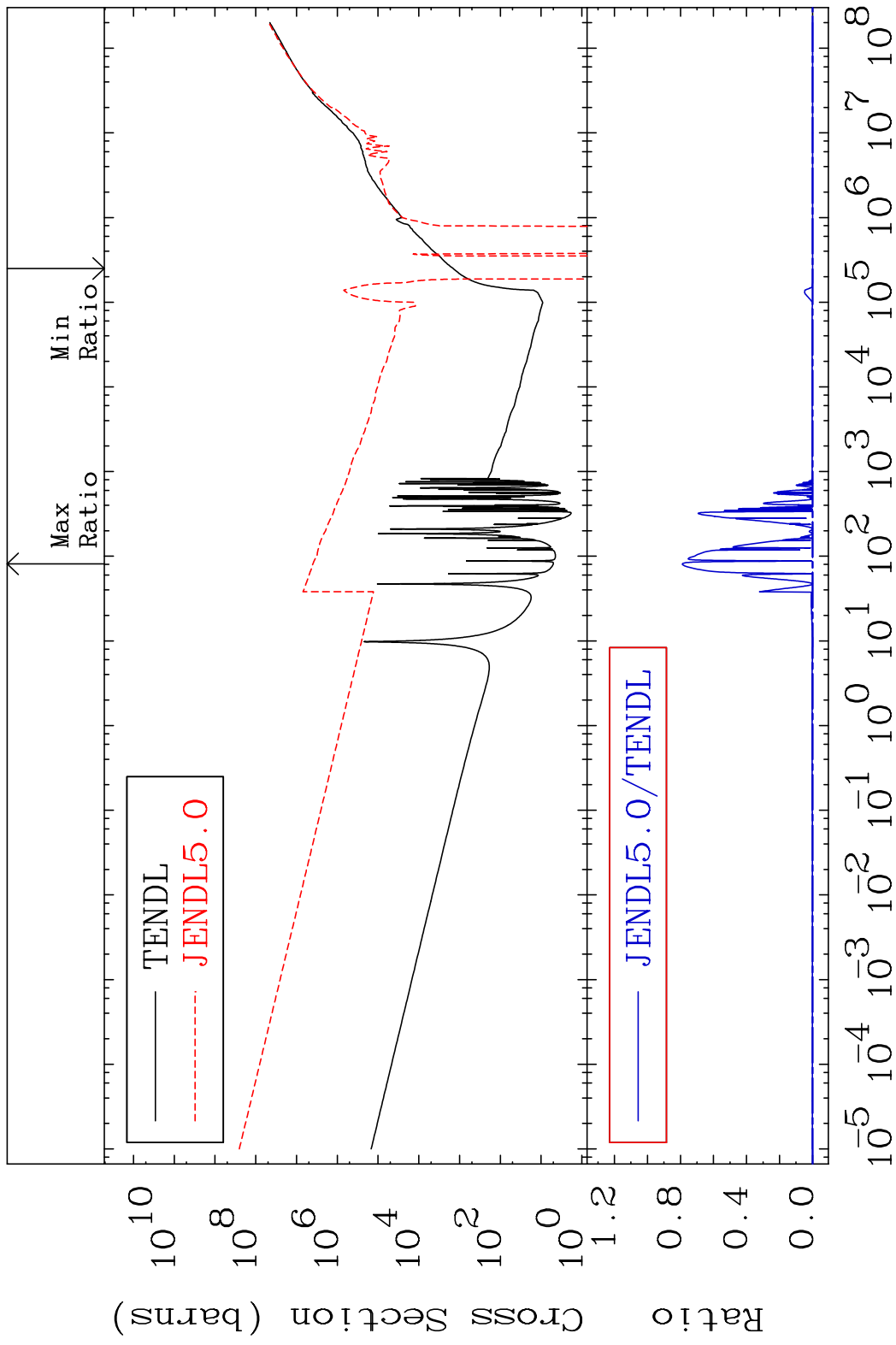
MAT 3440

Kerma elastic
Cross Section

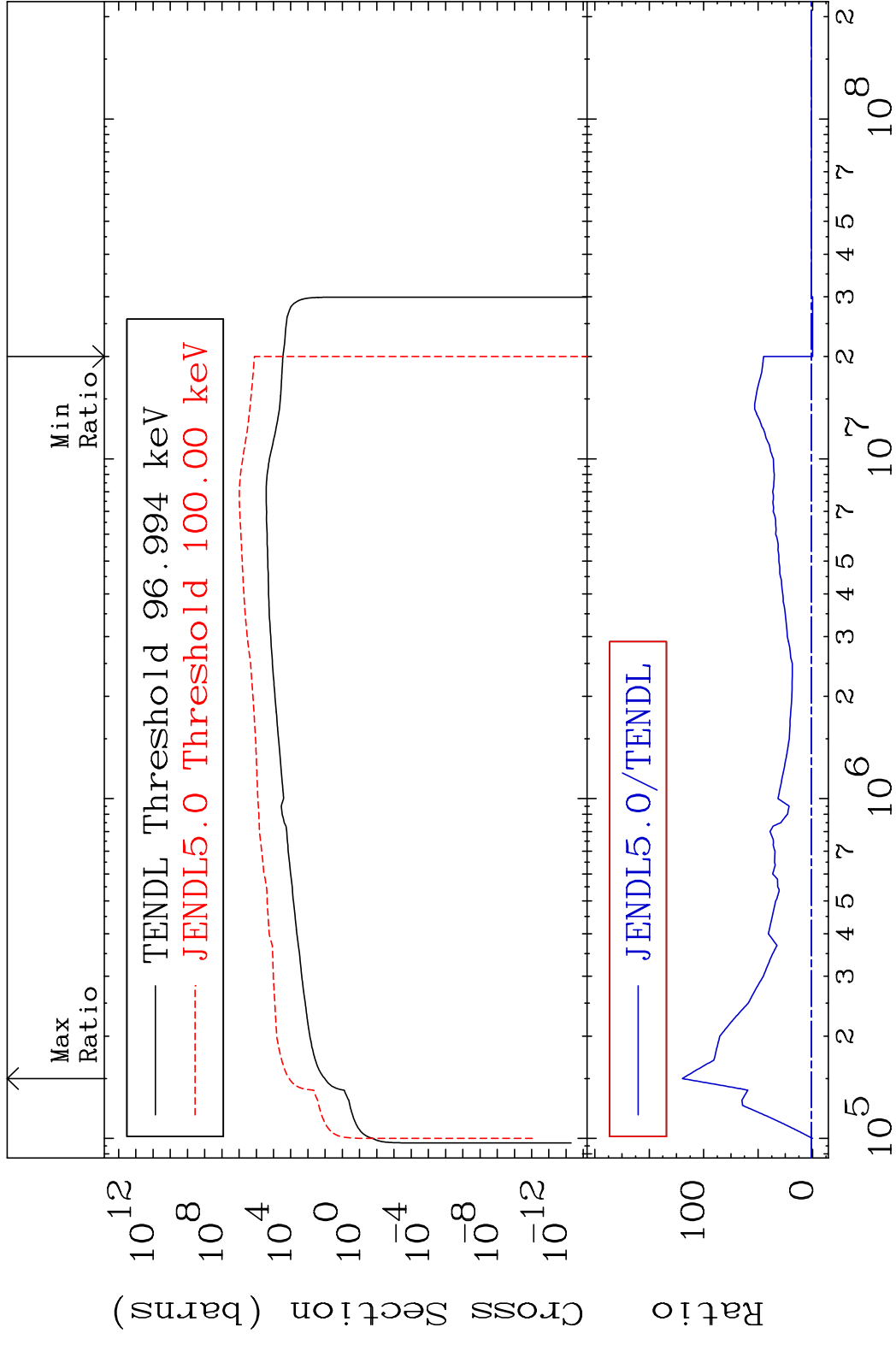
34-Se-79
-98.36 To 9999. %



MAT 3440 Kerma non-elastic (all but mt2) 34-Se-79
 Cross Section -3882. To 9999. %

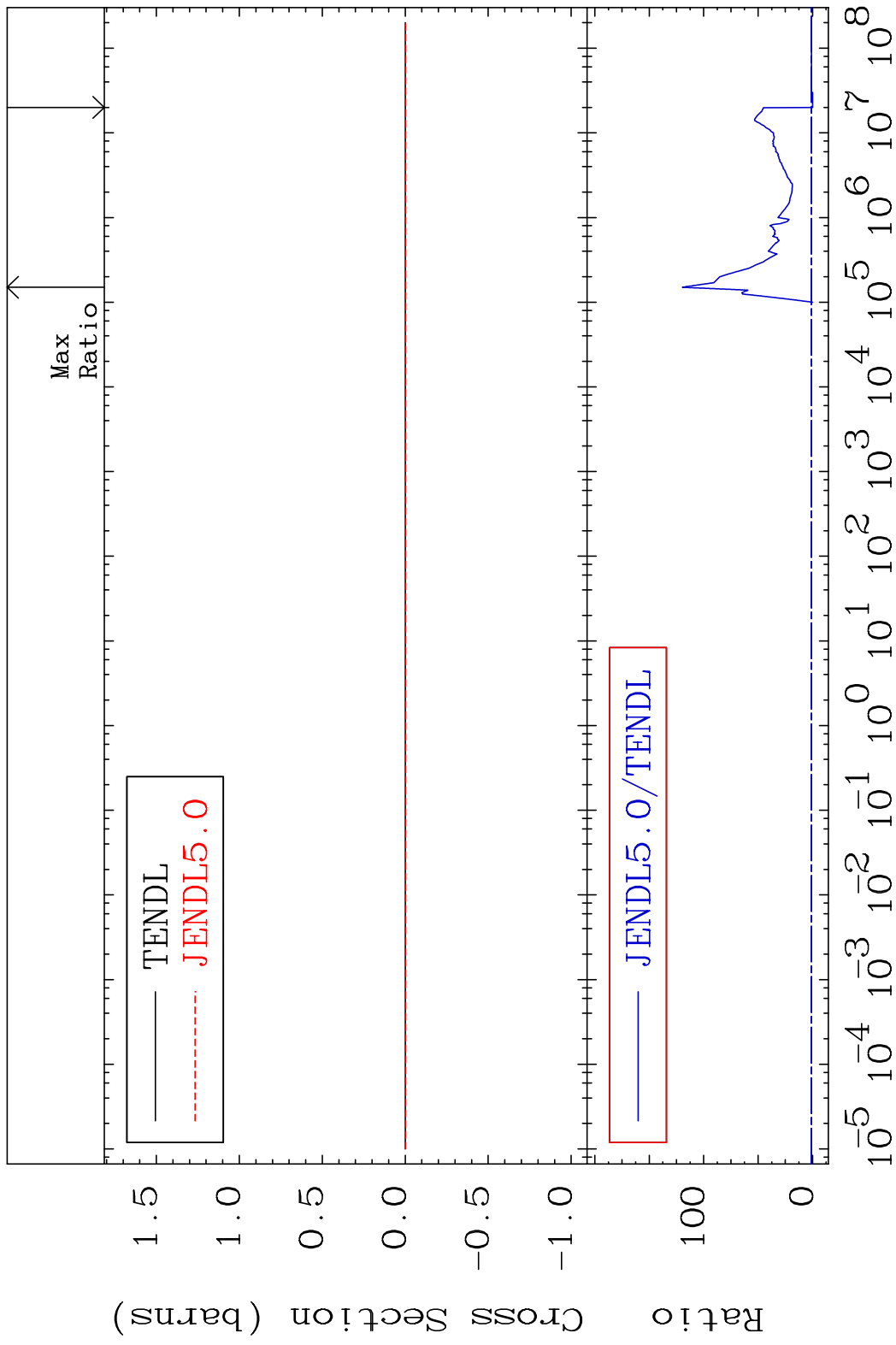


MAT 3440 Kerma inelastic (mt51-91) 34-Se-79
 Cross Section -100.0 To 9999. %



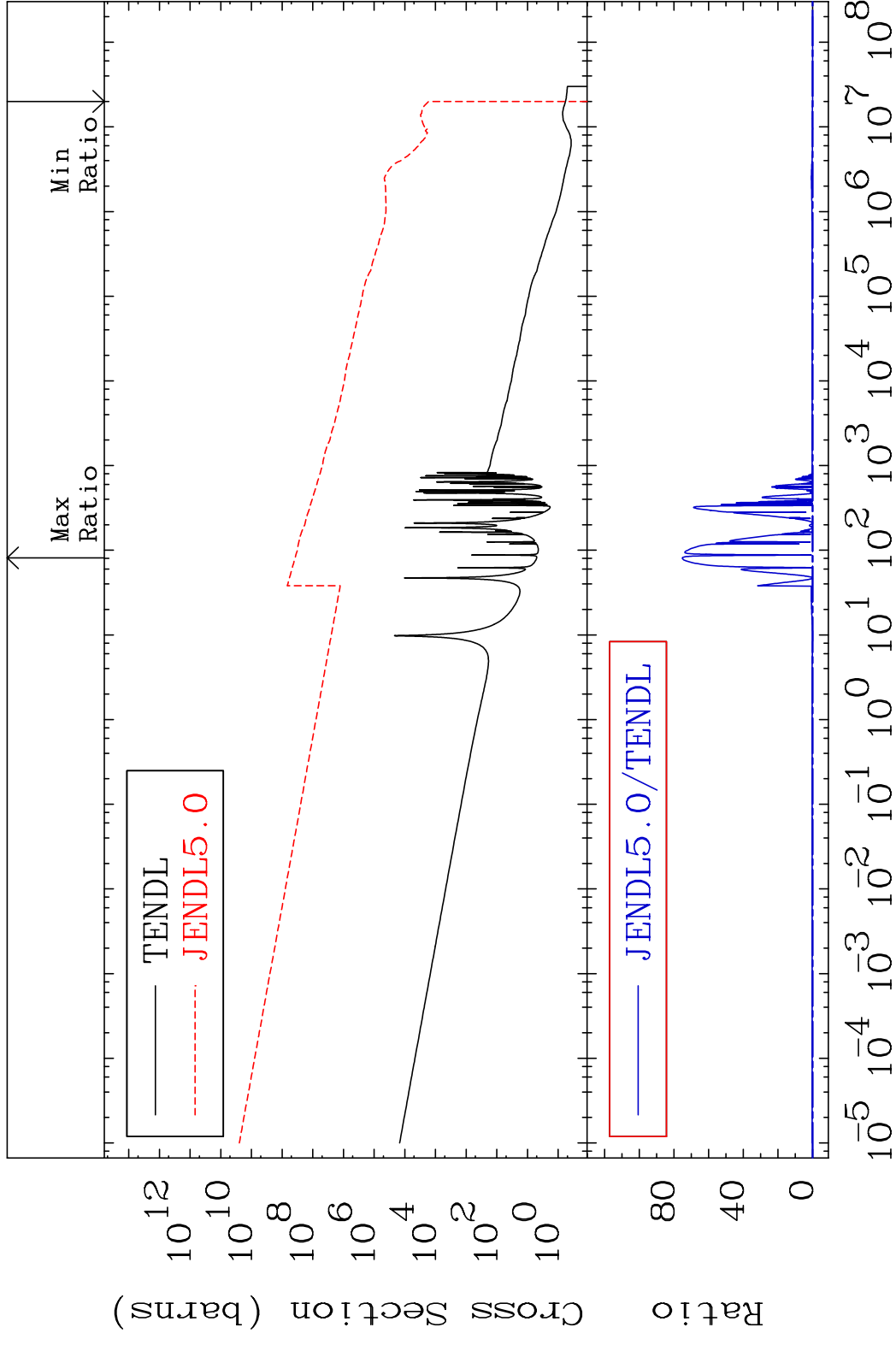
37 Incident Energy (eV) 34-Se-79

MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-Se-79
 Cross Section -100.0 To 9999. %



MAT 3440

Kerma capture (mt102) 34-Se-79
Cross Section -100.0 To 9999. %

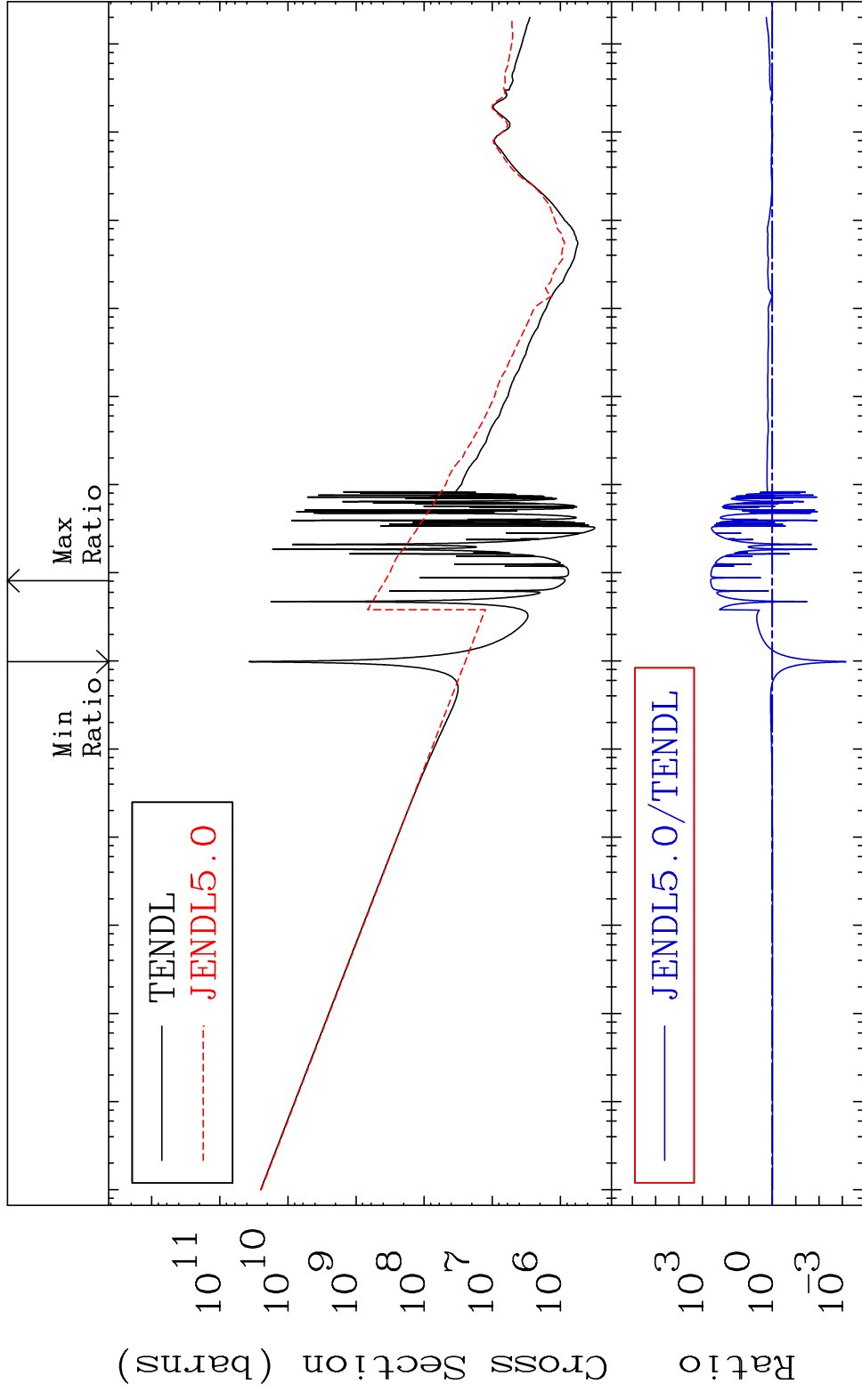


39

Incident Energy (eV)

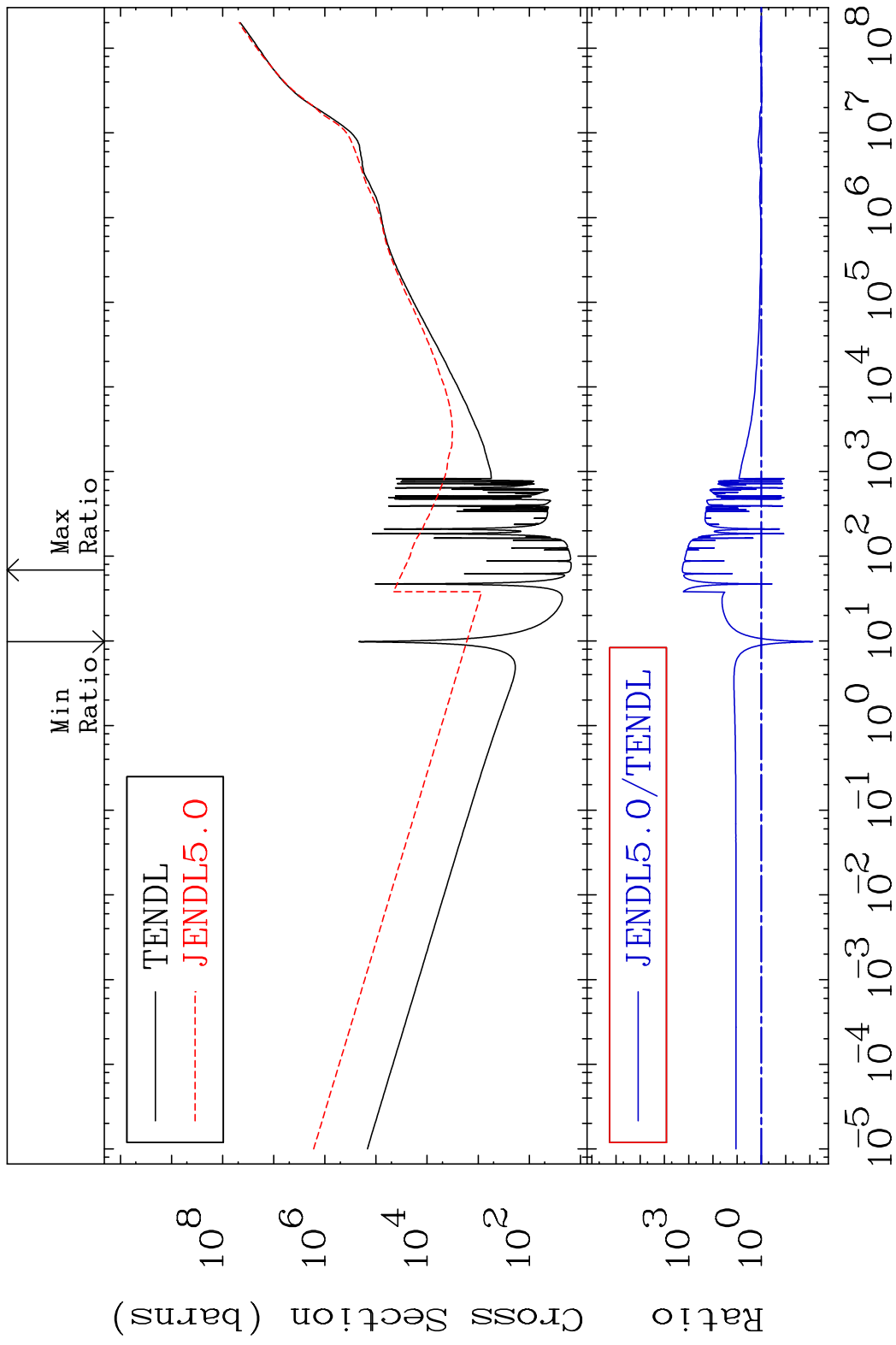
34-Se-79

MAT 3440 Total photon (eV-barns) 34-Se-79
 Cross Section -99.93 To 9999. %

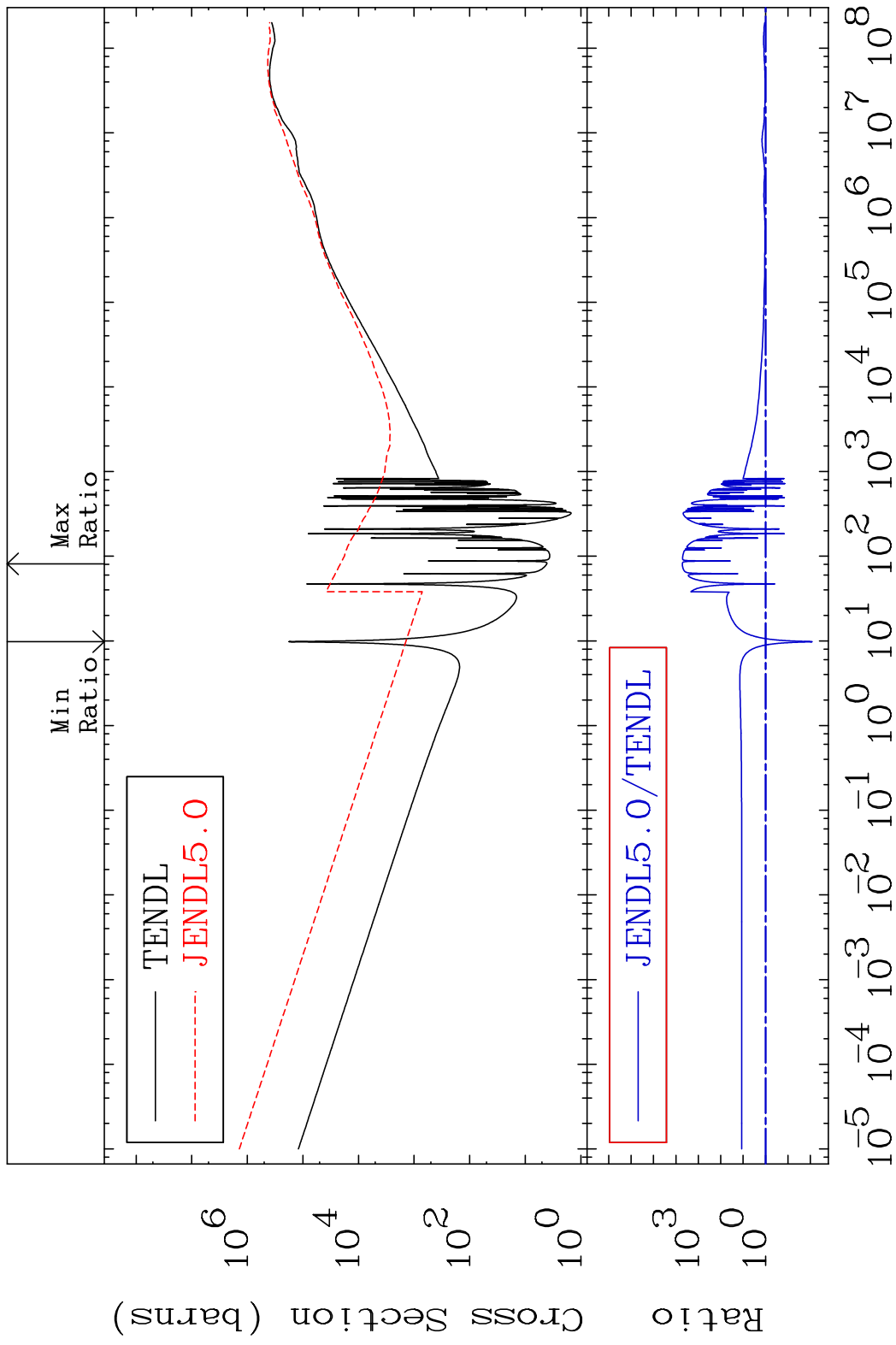


40 Incident Energy (eV) 34-Se-79

MAT 3440 Total kinematic kerma (high limit) 34-Se-79
 Cross Section -99.23 To 9999. %



MAT 3440 Dpa total (eV-barns) 34-Se-79
 Cross Section -99.20 To 9999. %



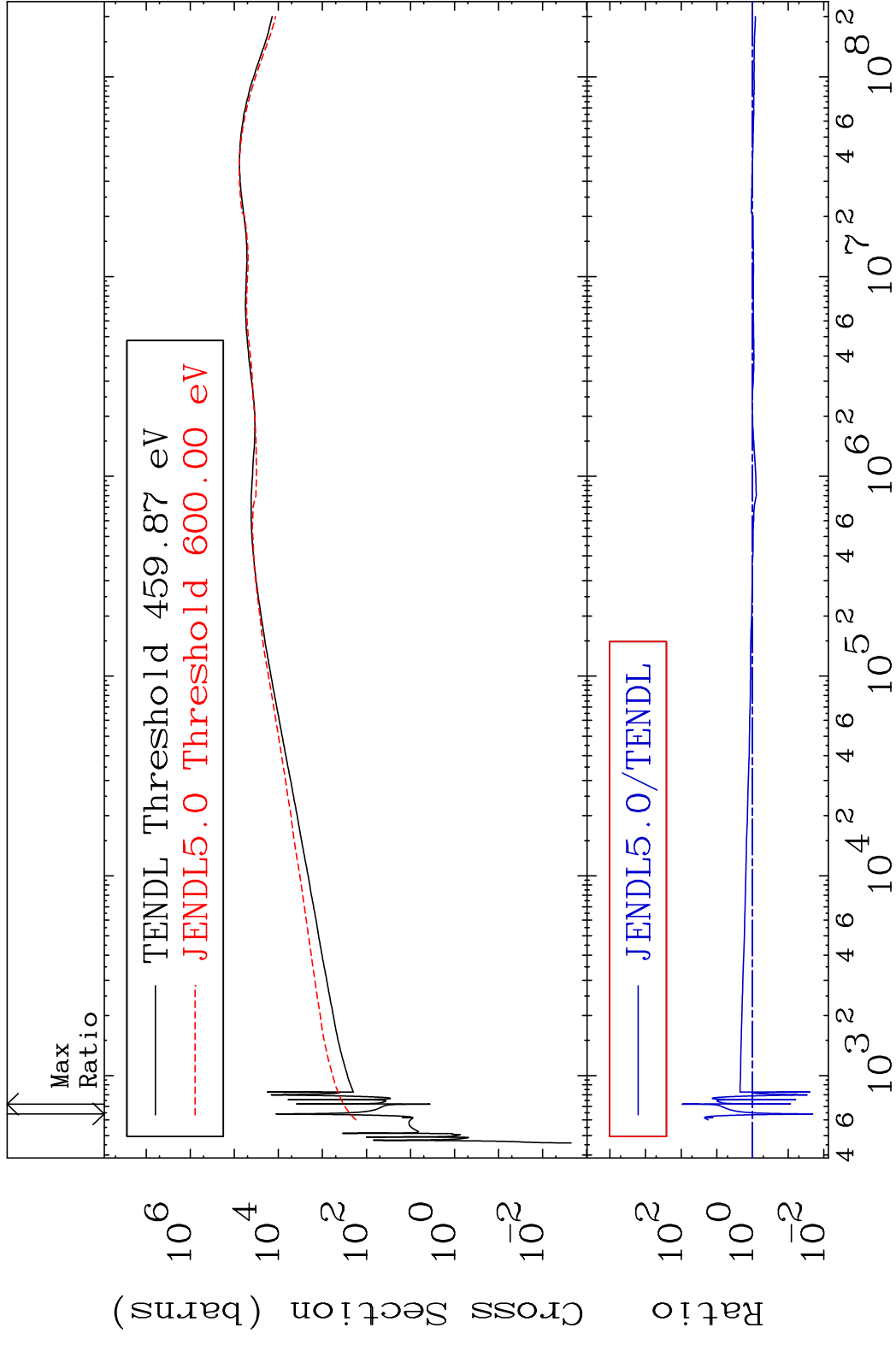
42 Incident Energy (eV) 34-Se-79

MAT 3440

Dpa elastic (mt2)

34-Se-79

Cross Section -97.92 To 9145. %

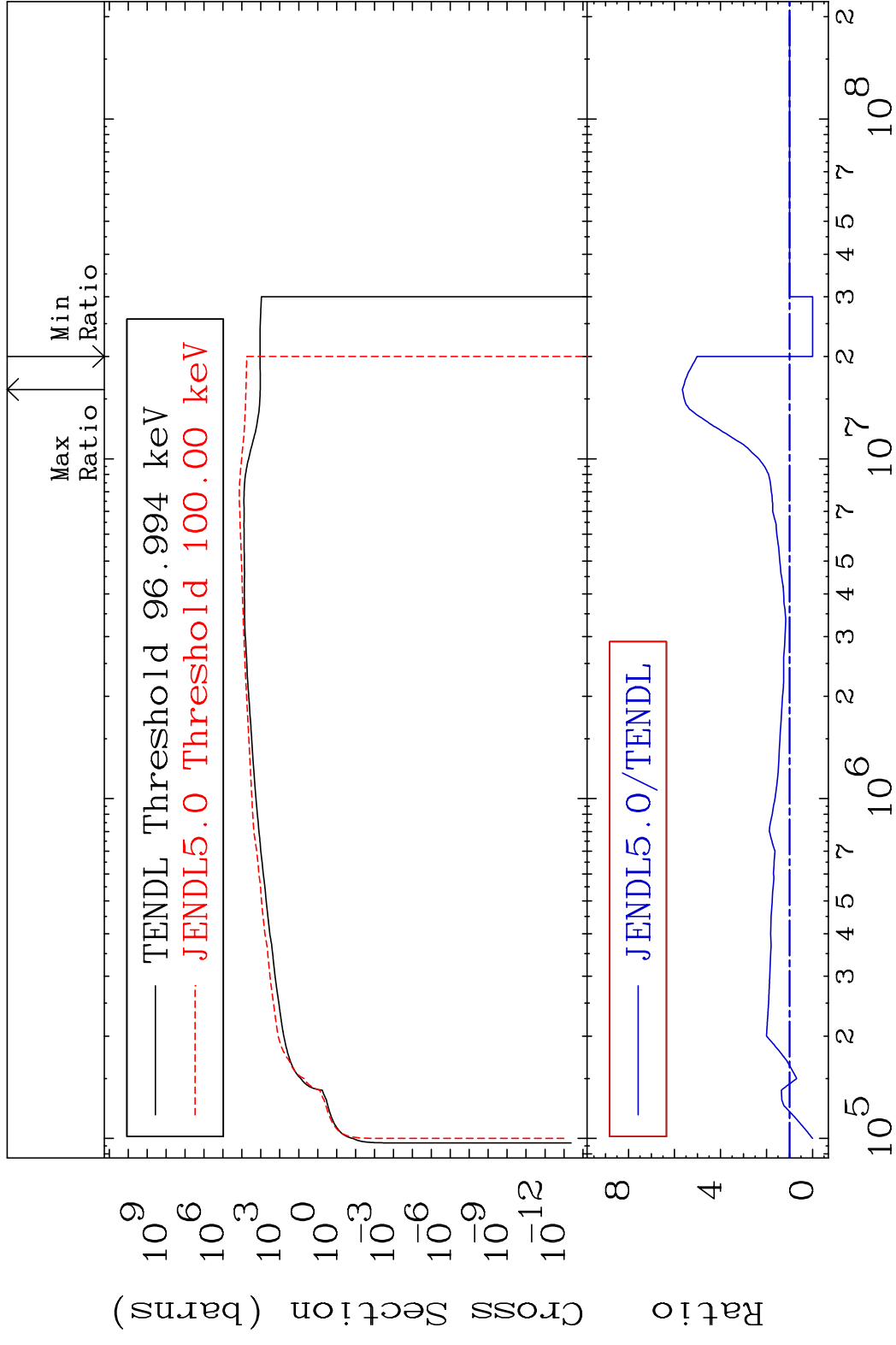


43

Incident Energy (eV)

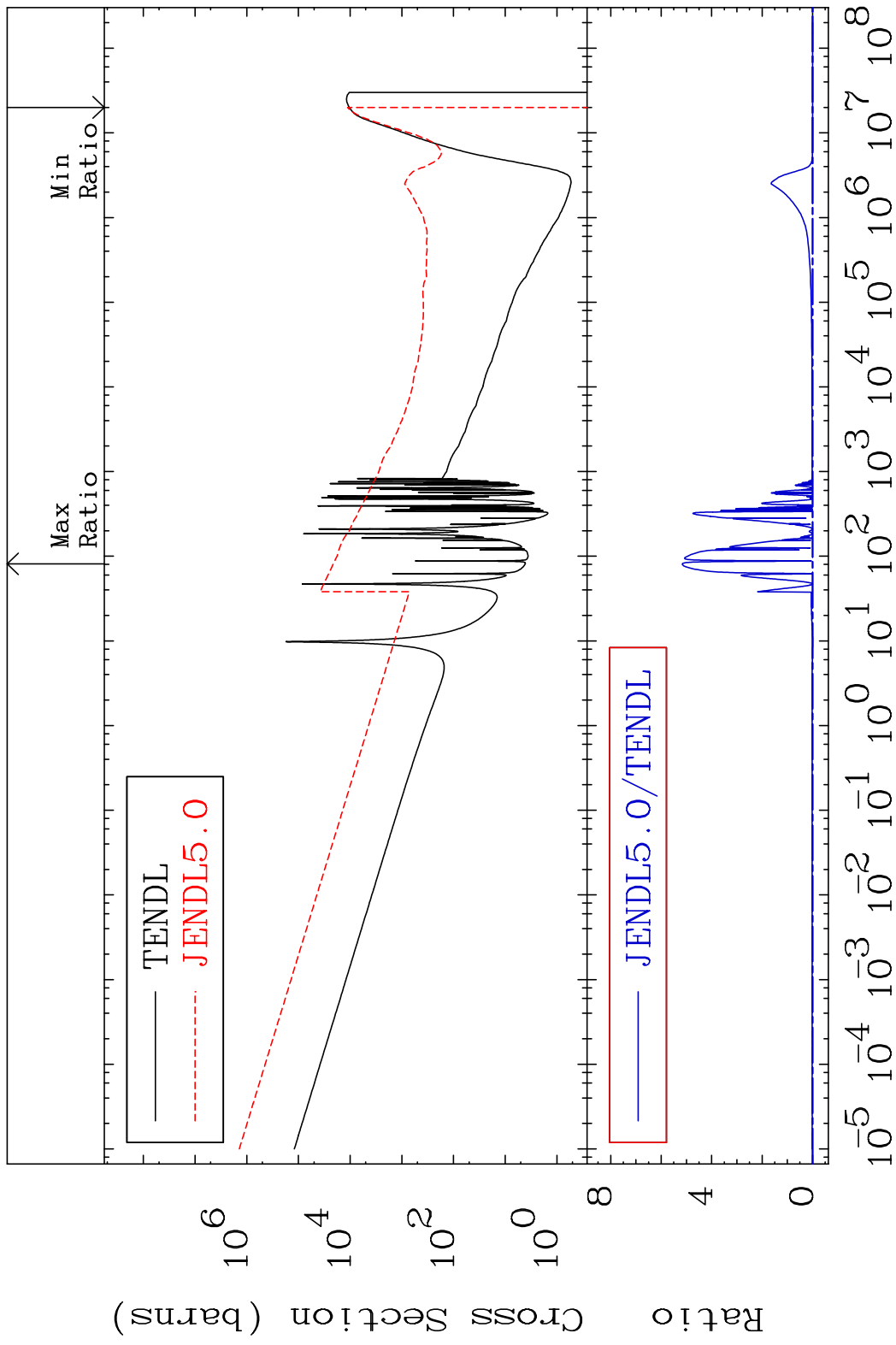
34-Se-79

MAT 3440 Dpa inelastic (mt51-91) 34-Se-79
 Cross Section -100.0 To 465.9 %



44 Incident Energy (eV) 34-Se-79

MAT 3440 Dpa disappearance (mt102 -120) 34-Se-79
 Cross Section -100.0 To 9999. %

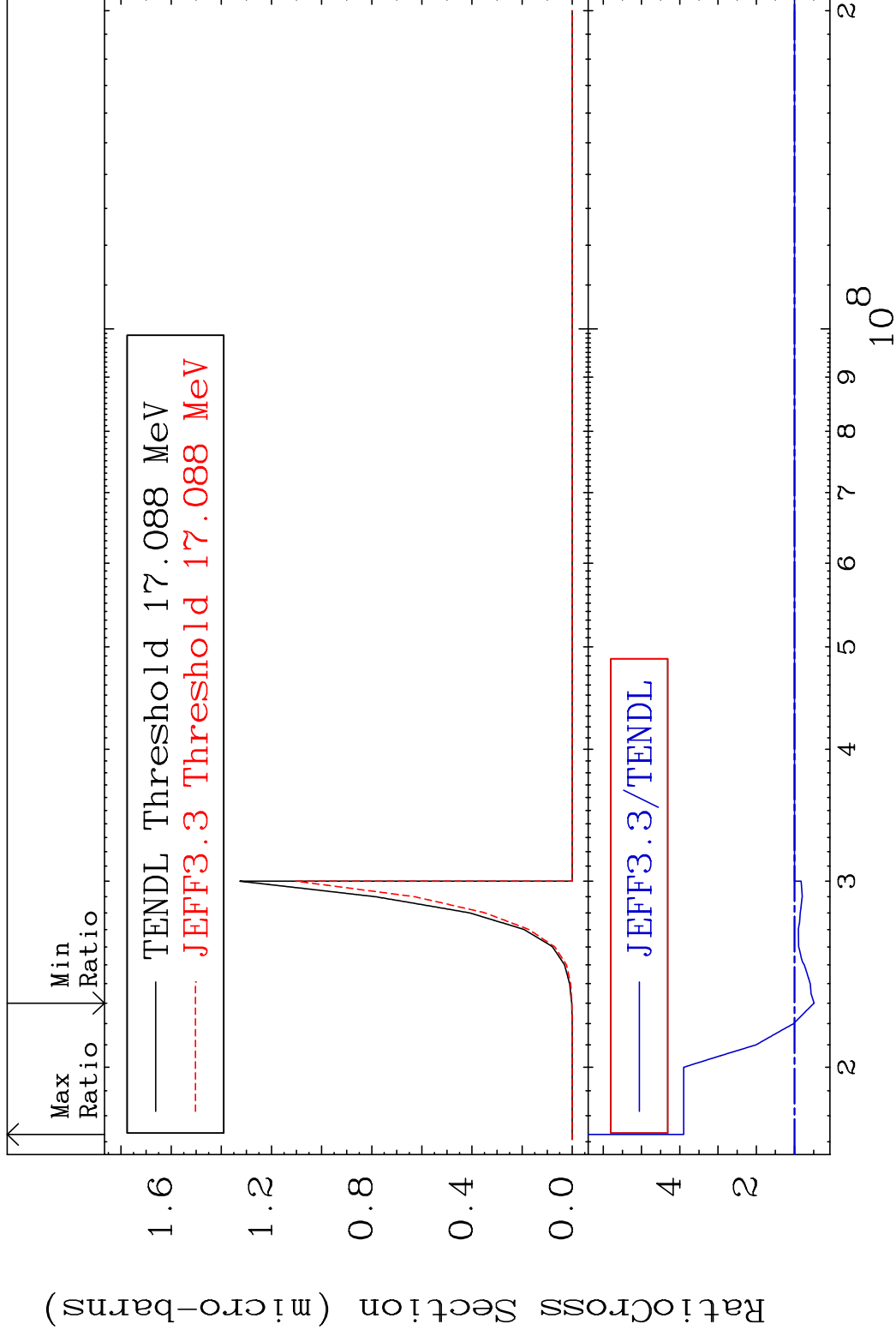


MAT 3440

(n,p) t

³⁴Se-79

Cross Section -51.13 To 289.8 %



46

Incident Energy (eV)

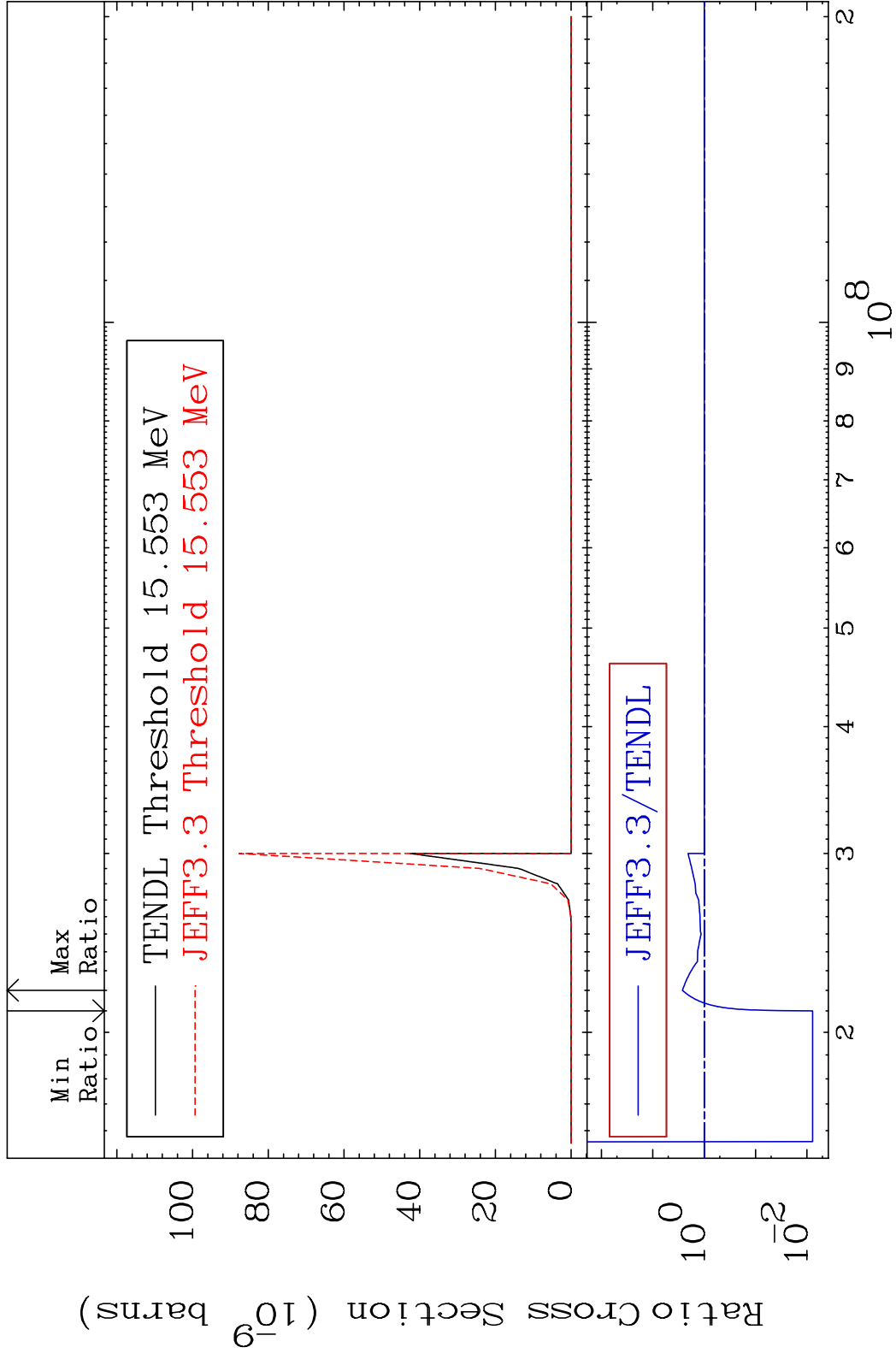
³⁴Se-79

MAT 3440

(n,d) α

34-Se-79

Cross Section -99.22 To 166.4 %



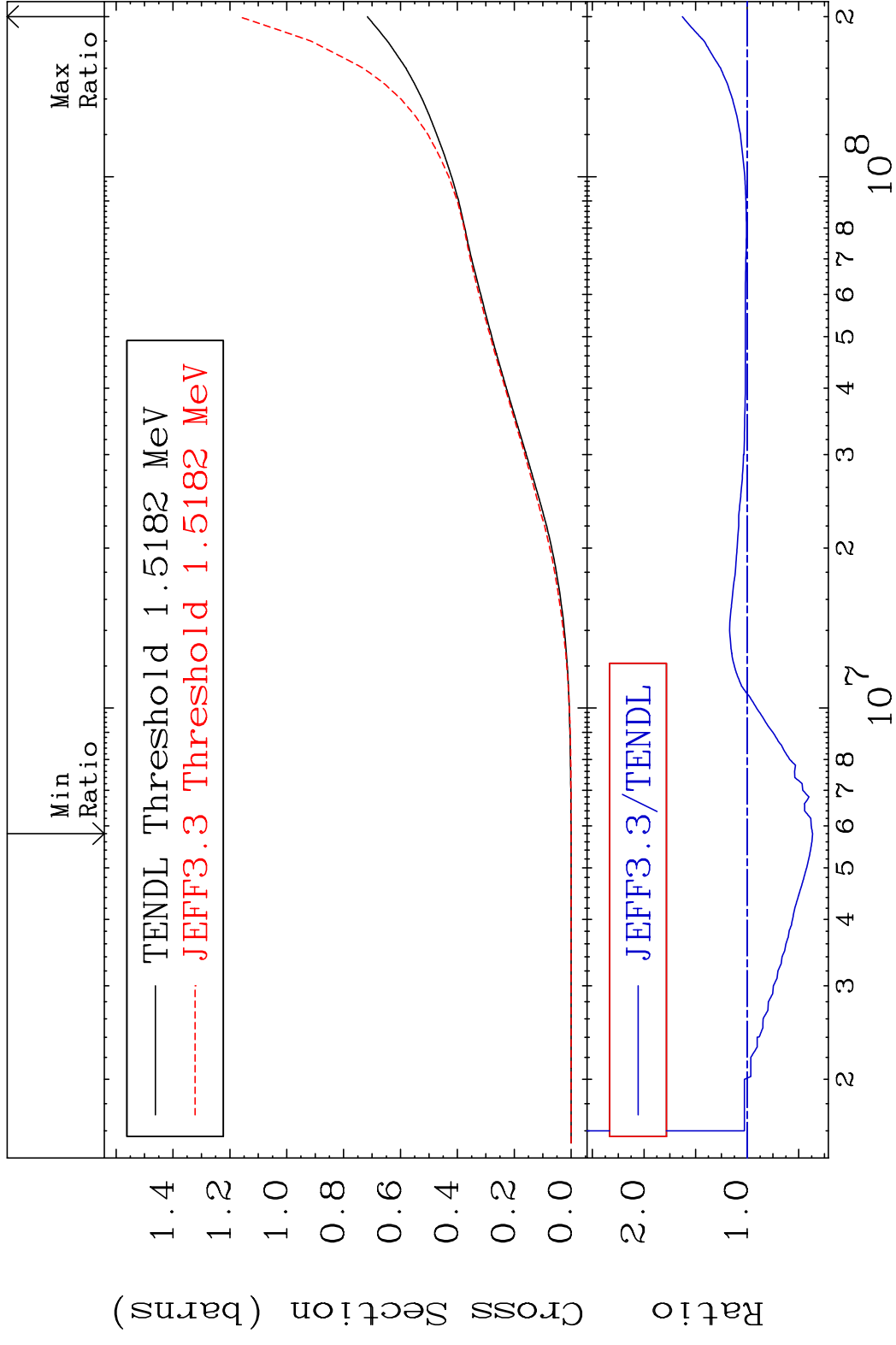
MAT 3440

Hydrogen Production

³⁴Se-79

Cross Section

-63.37 To 62.83 %

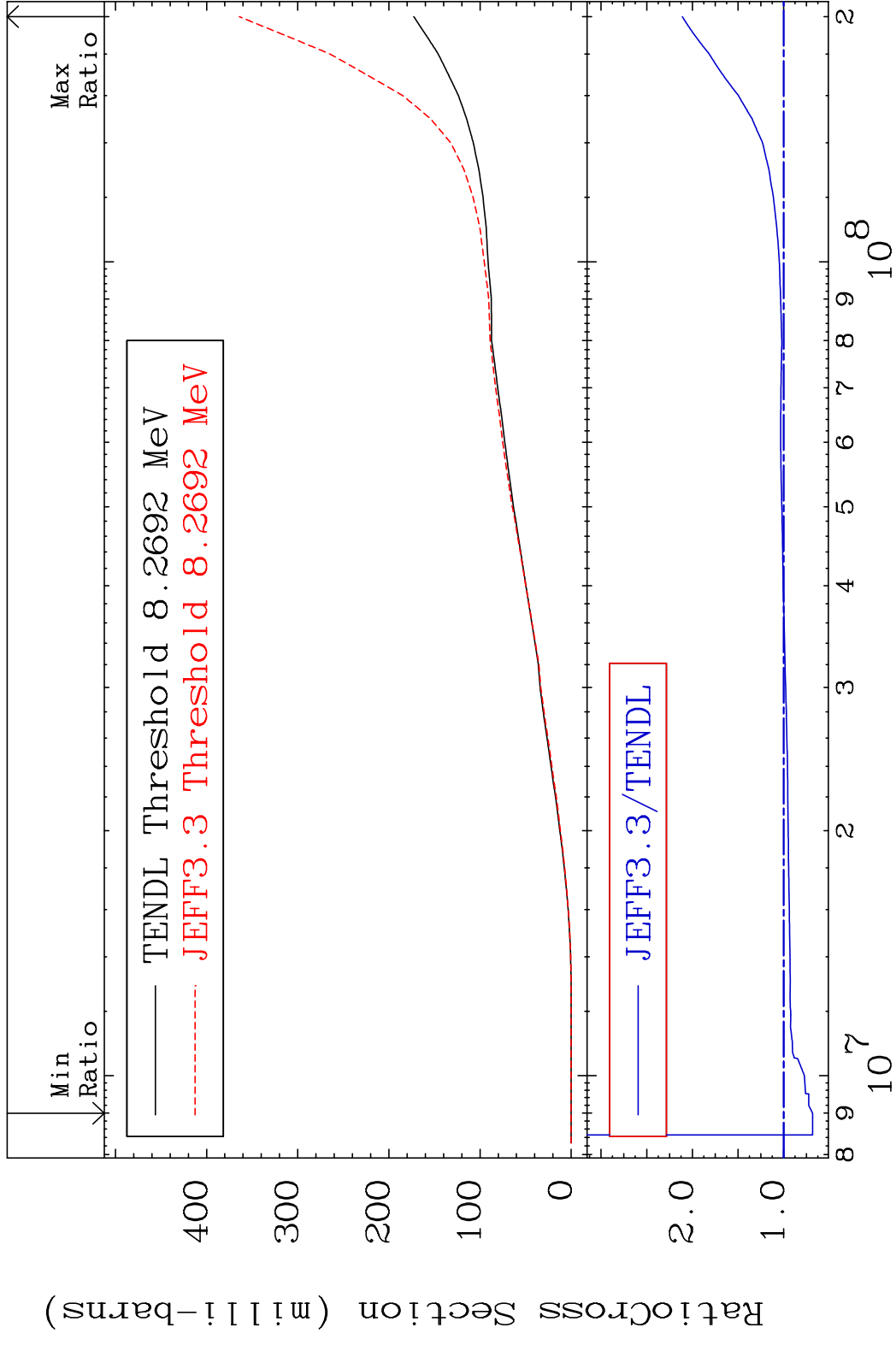


MAT 3440

Deuterium Production

³⁴Se-79

Cross Section -31.75 To 110.9 %



49

Incident Energy (eV)

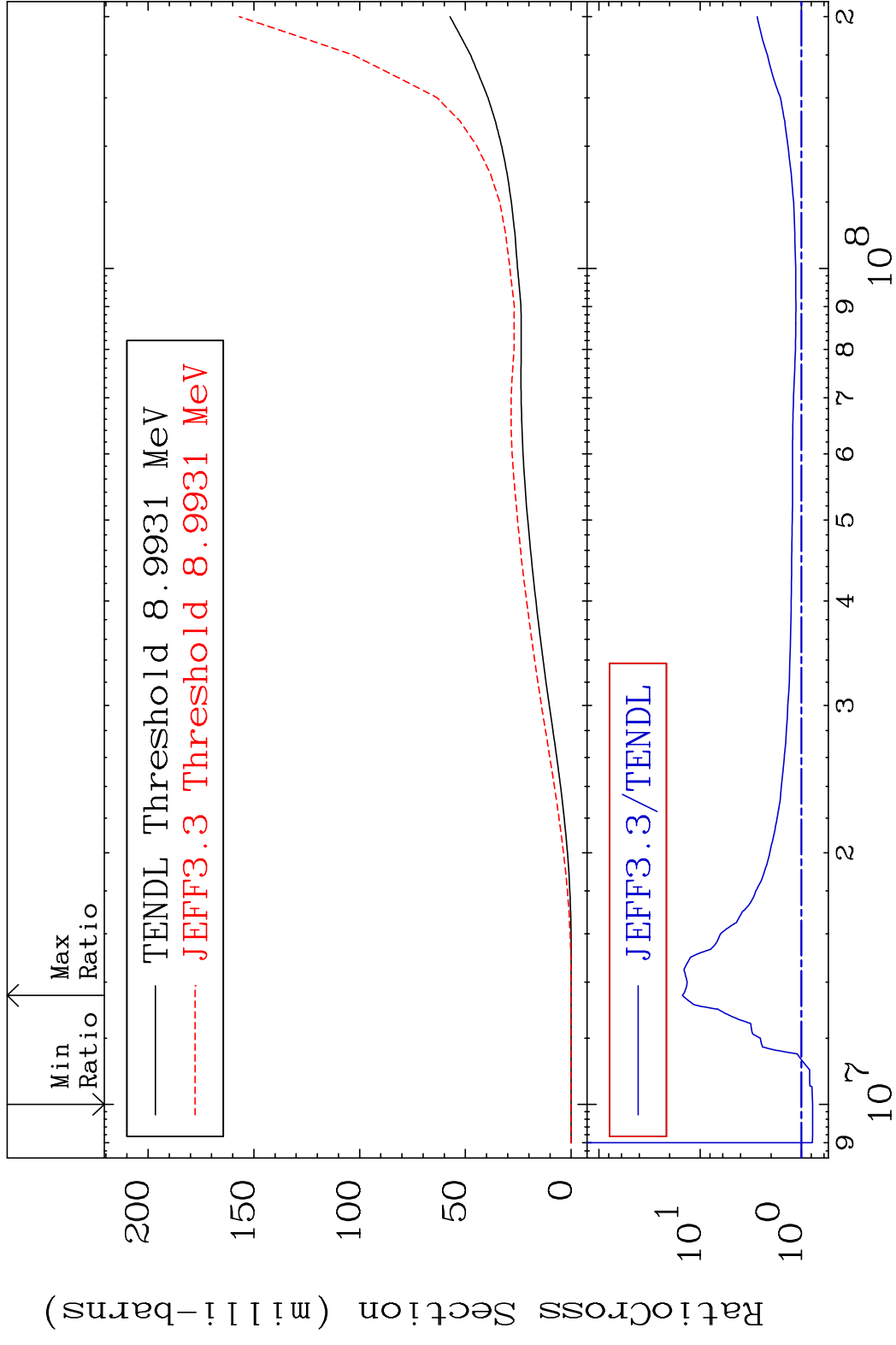
³⁴Se-79

MAT 3440

Tritium Production

³⁴Se-79

Cross Section -22.24 To 1401. %

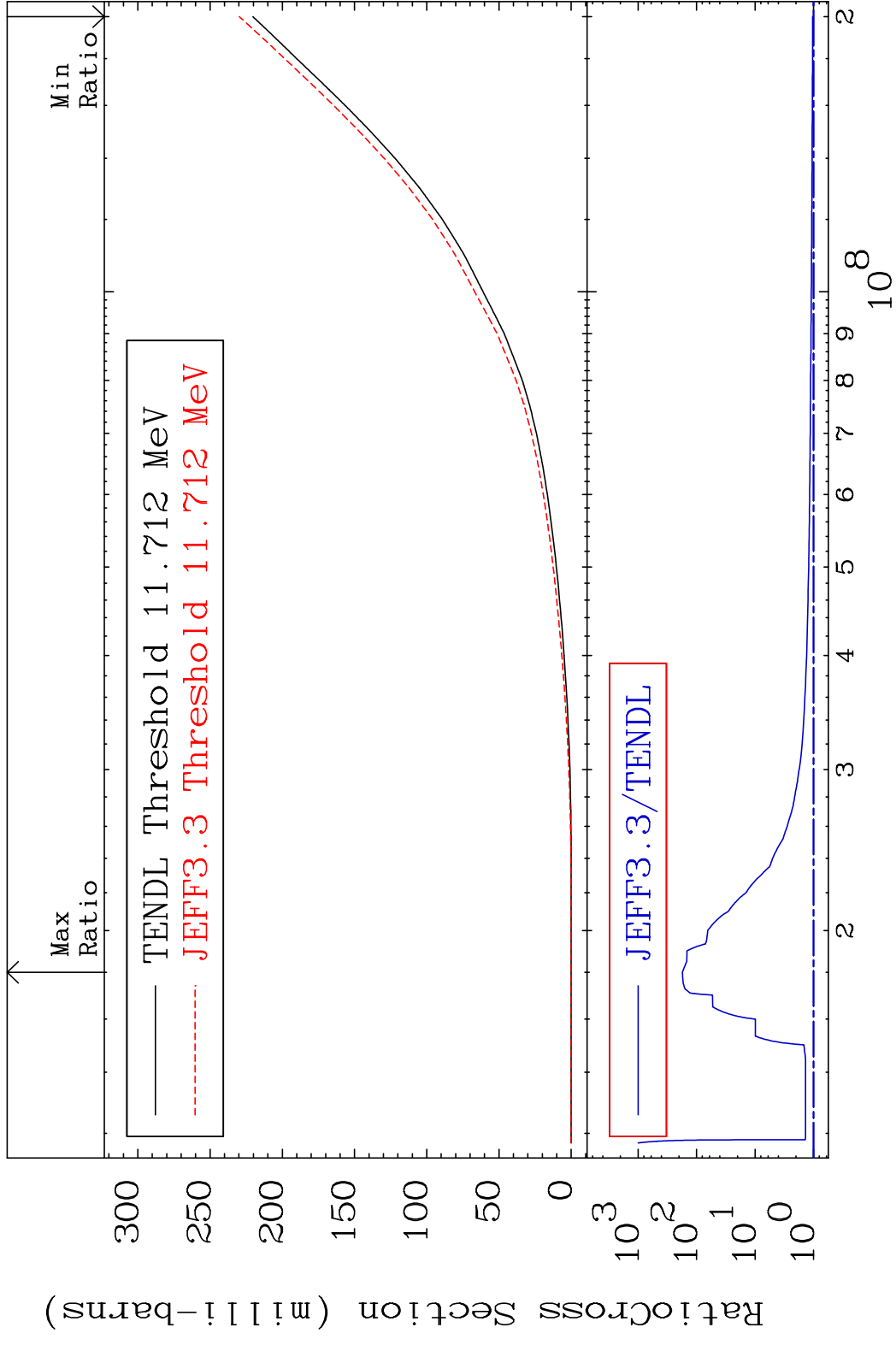


50

Incident Energy (eV)

³⁴Se-79

MAT 3440 He-3 Production 34-Se-79
 Cross Section 4.279 To 9999. %

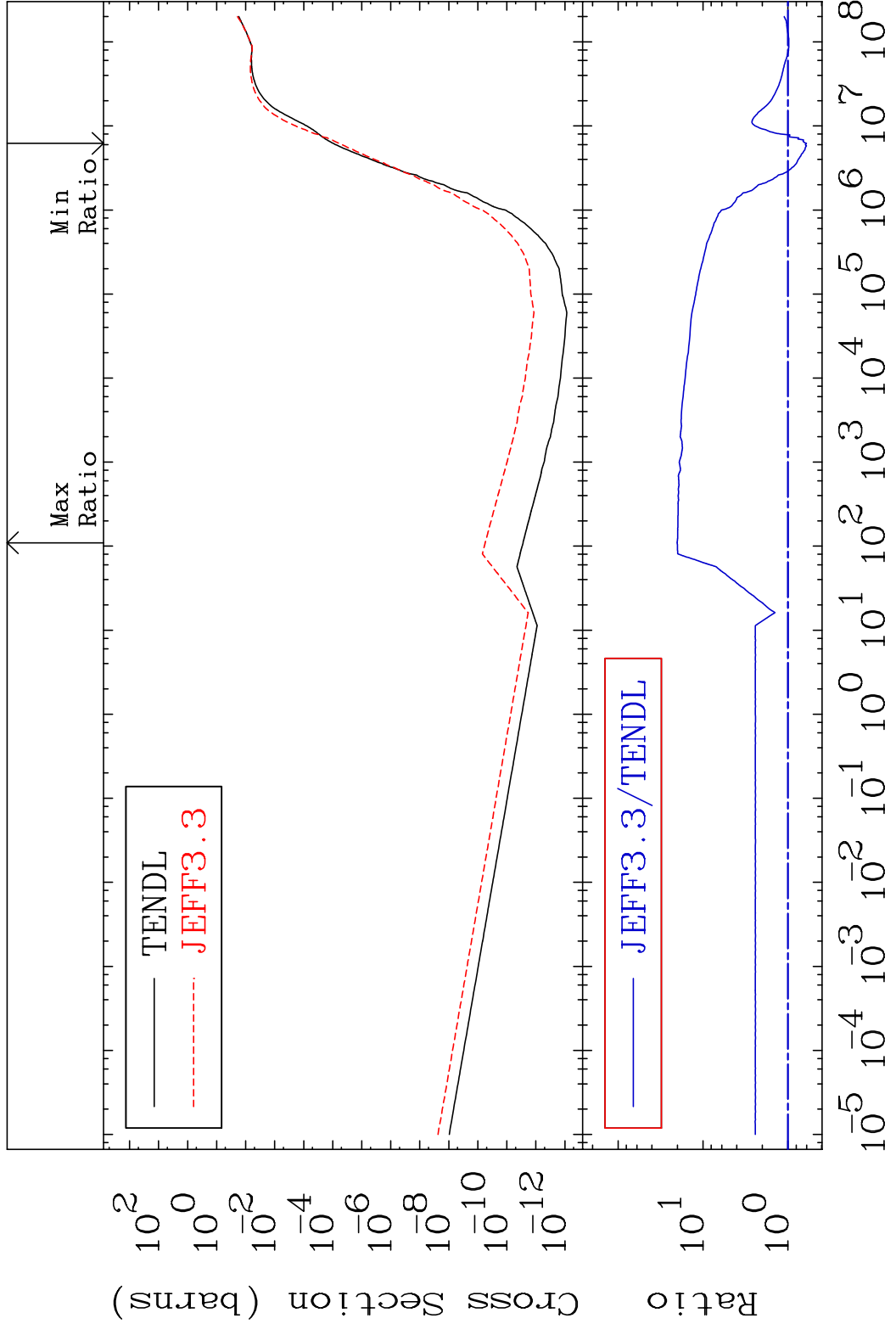


MAT 3440

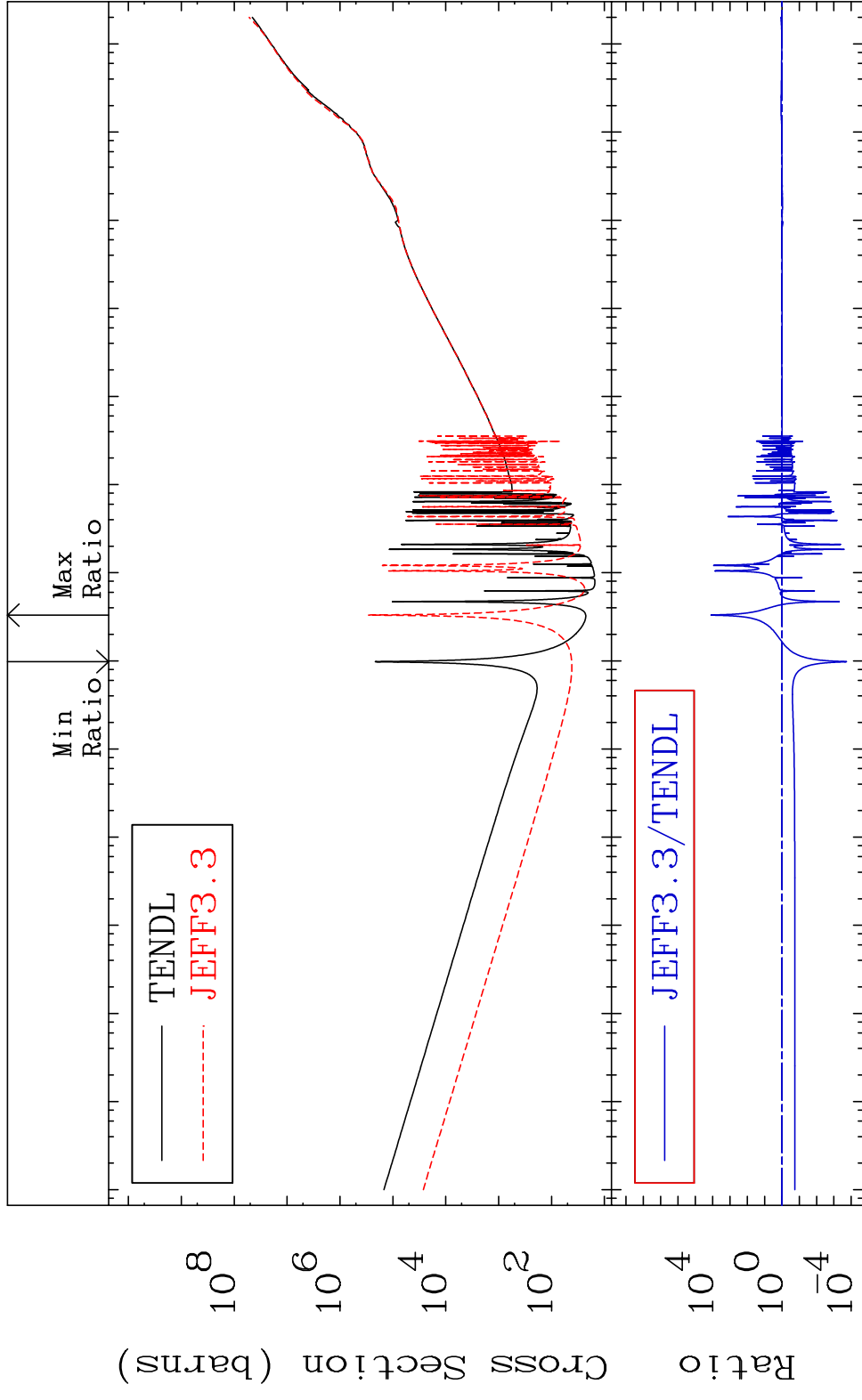
He-4 Production

34-Se-79

Cross Section -39.41 To 1917. %



MAT 3440 Kerma total (eV-barns) 34-Se-79
 Cross Section -99.98 To 9999. %

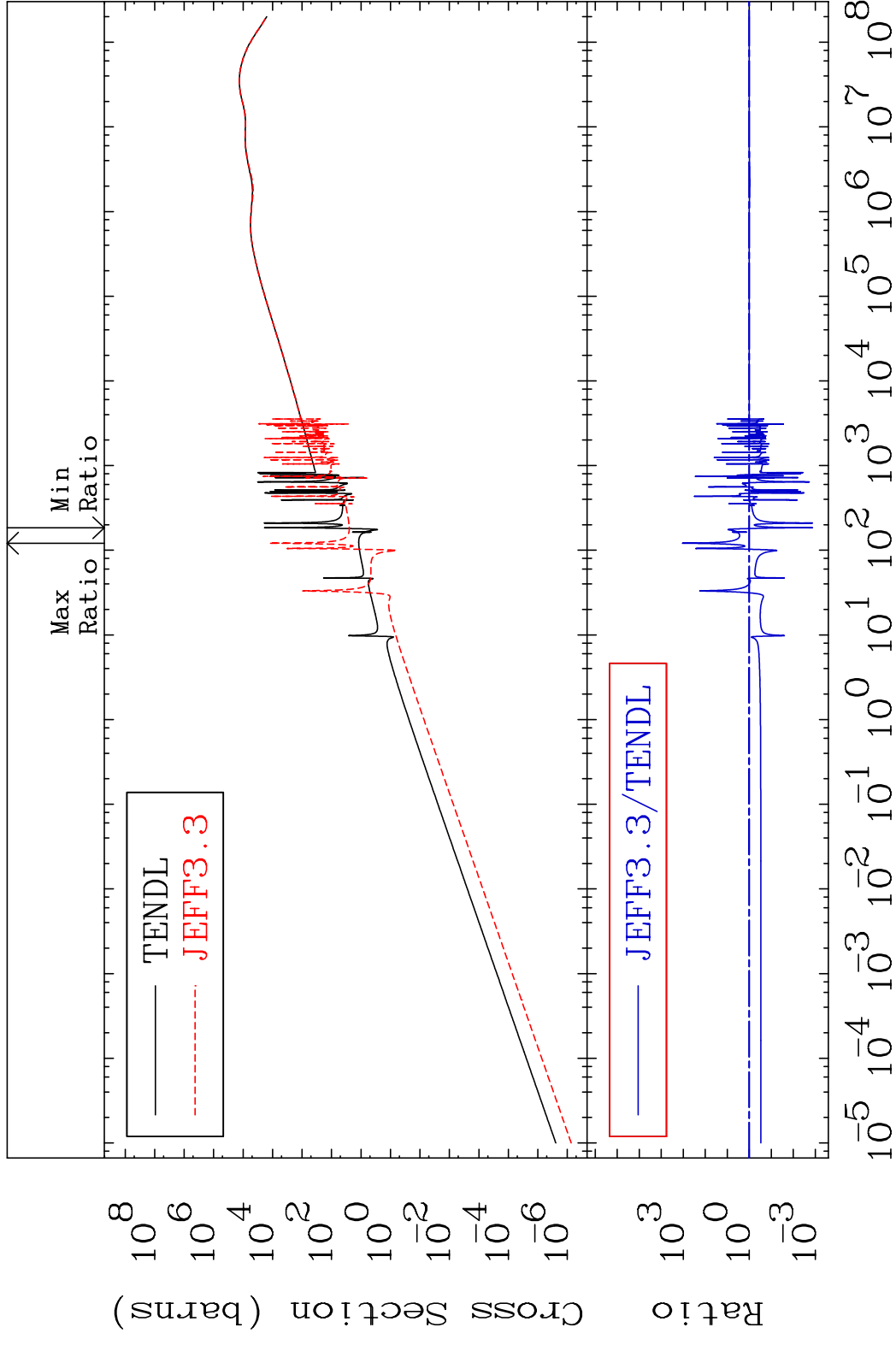


53 Incident Energy (eV) 34-Se-79

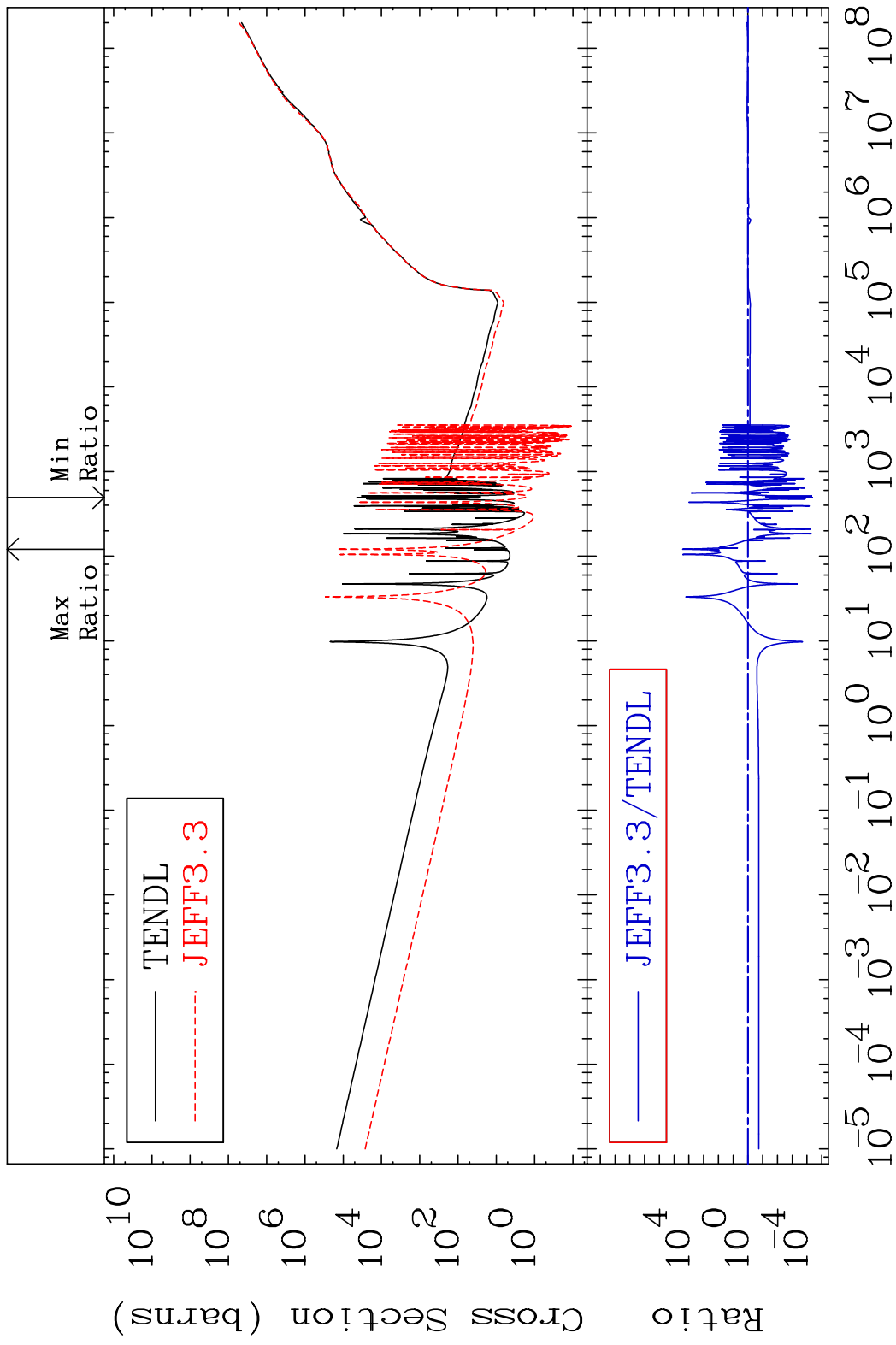
MAT 3440

Kerma elastic
Cross Section

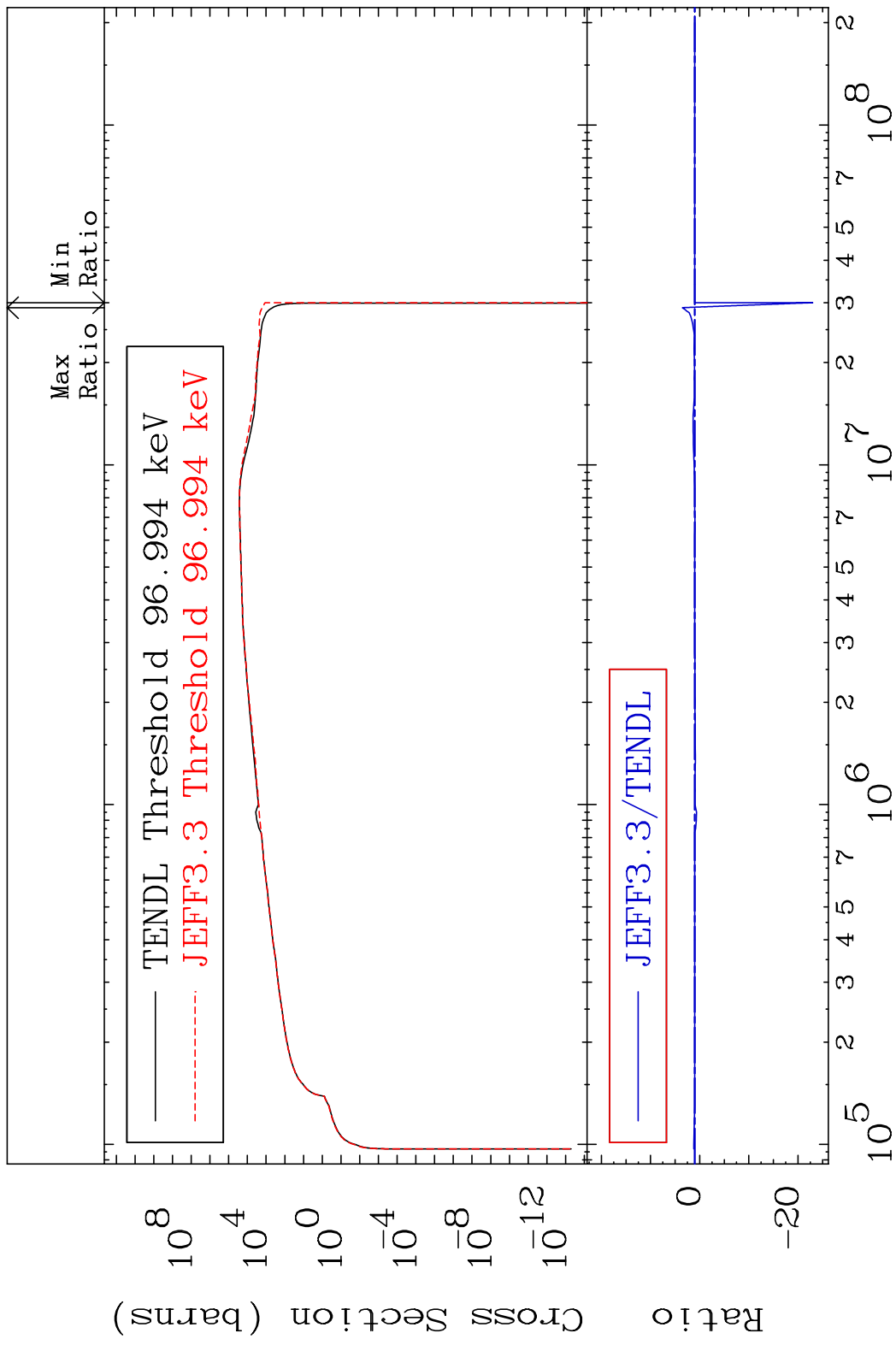
34-Se-79
-99.87 To 9999. %



MAT 3440 Kerma non-elastic (all but mt2) 34-Se-79
 Cross Section -100.0 To 9999. %

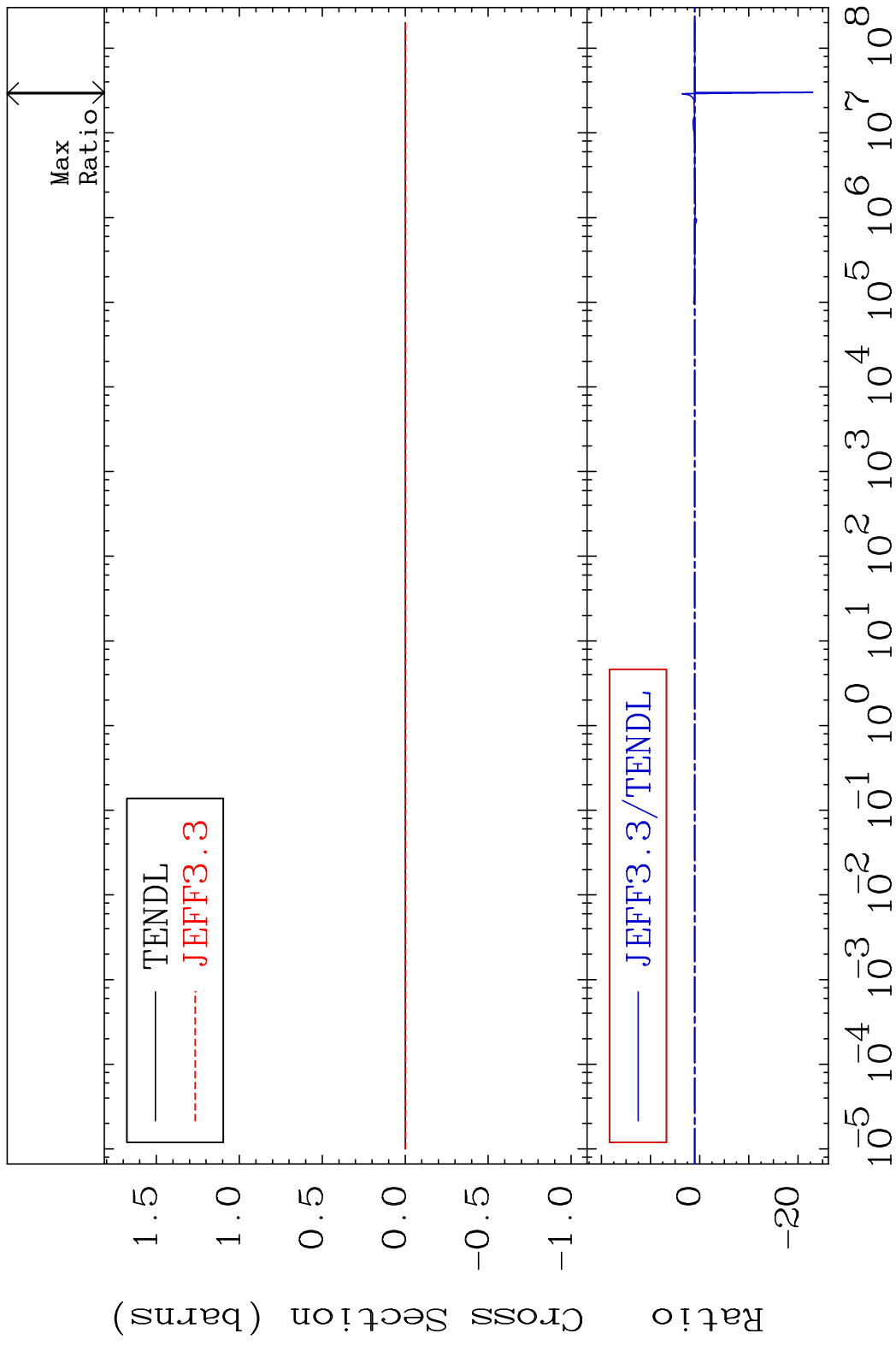


MAT 3440 Kerma inelastic (mt51-91) 34-Se-79
 Cross Section -2397. To 252.9 %

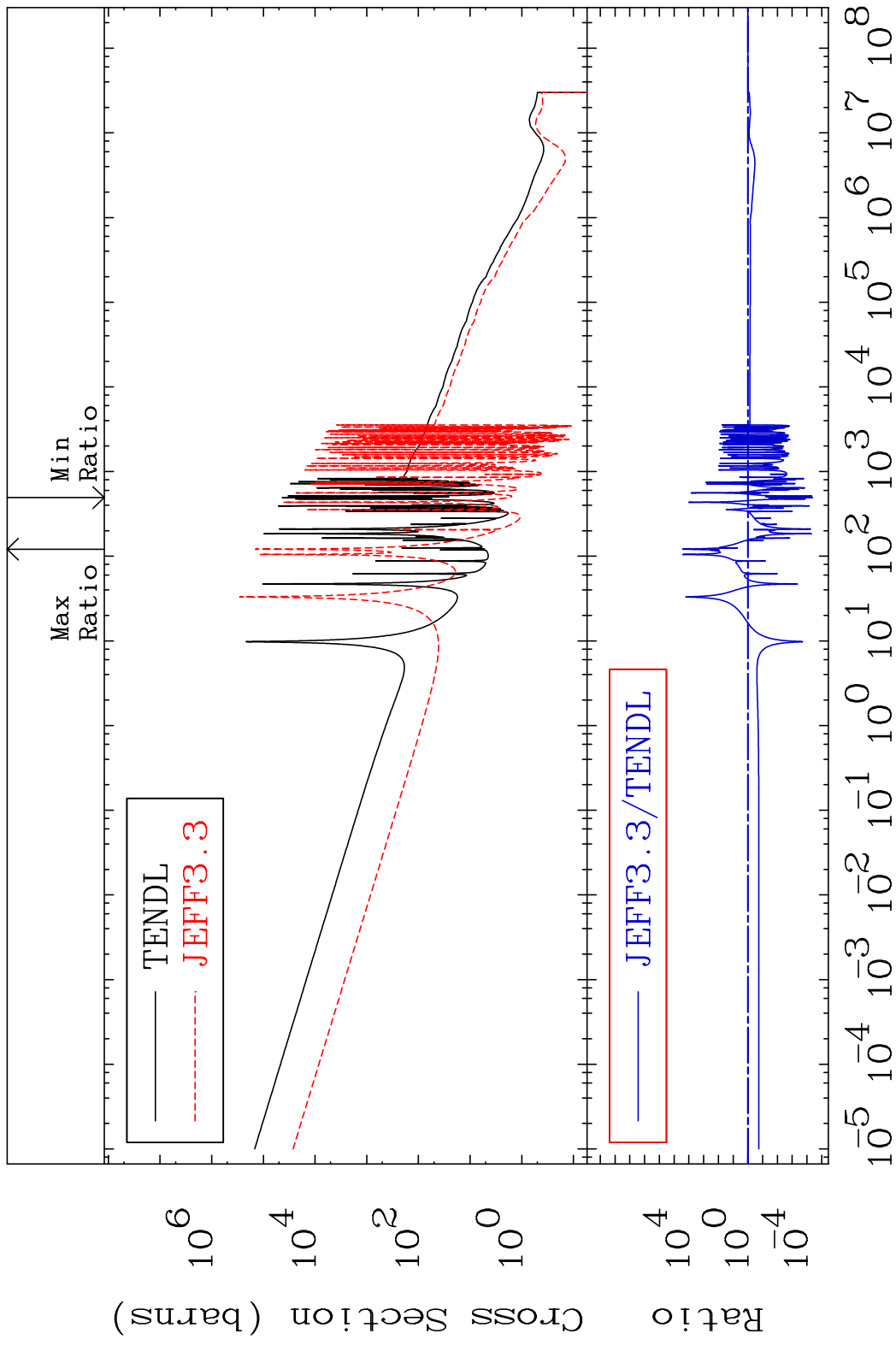


56 Incident Energy (eV) 34-Se-79

MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-Se-79
 Cross Section -2397. To 252.9 %

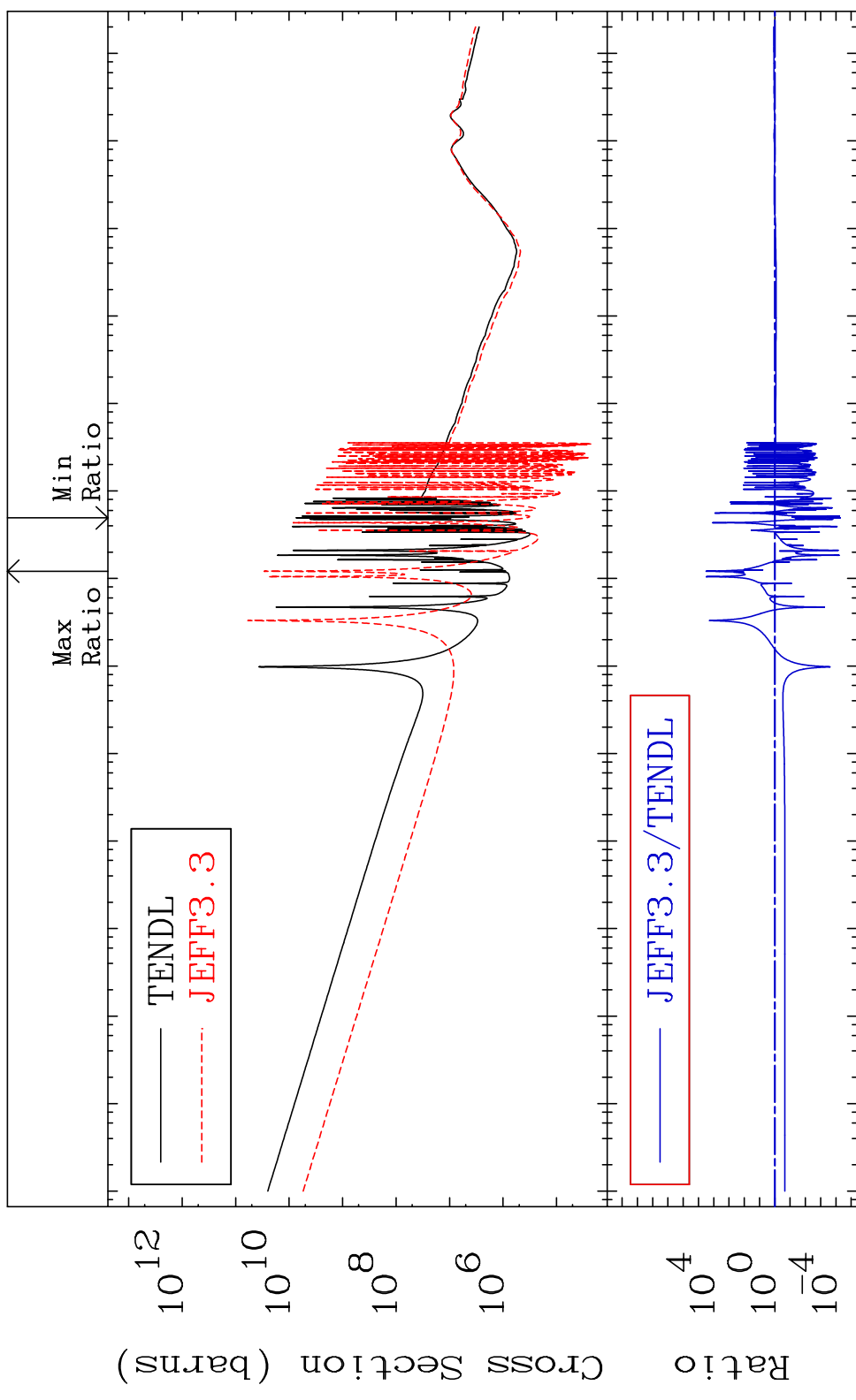


MAT 3440 Kerma capture (mt102) 34-Se-79
 Cross Section -100.0 To 9999. %



MAT 3440

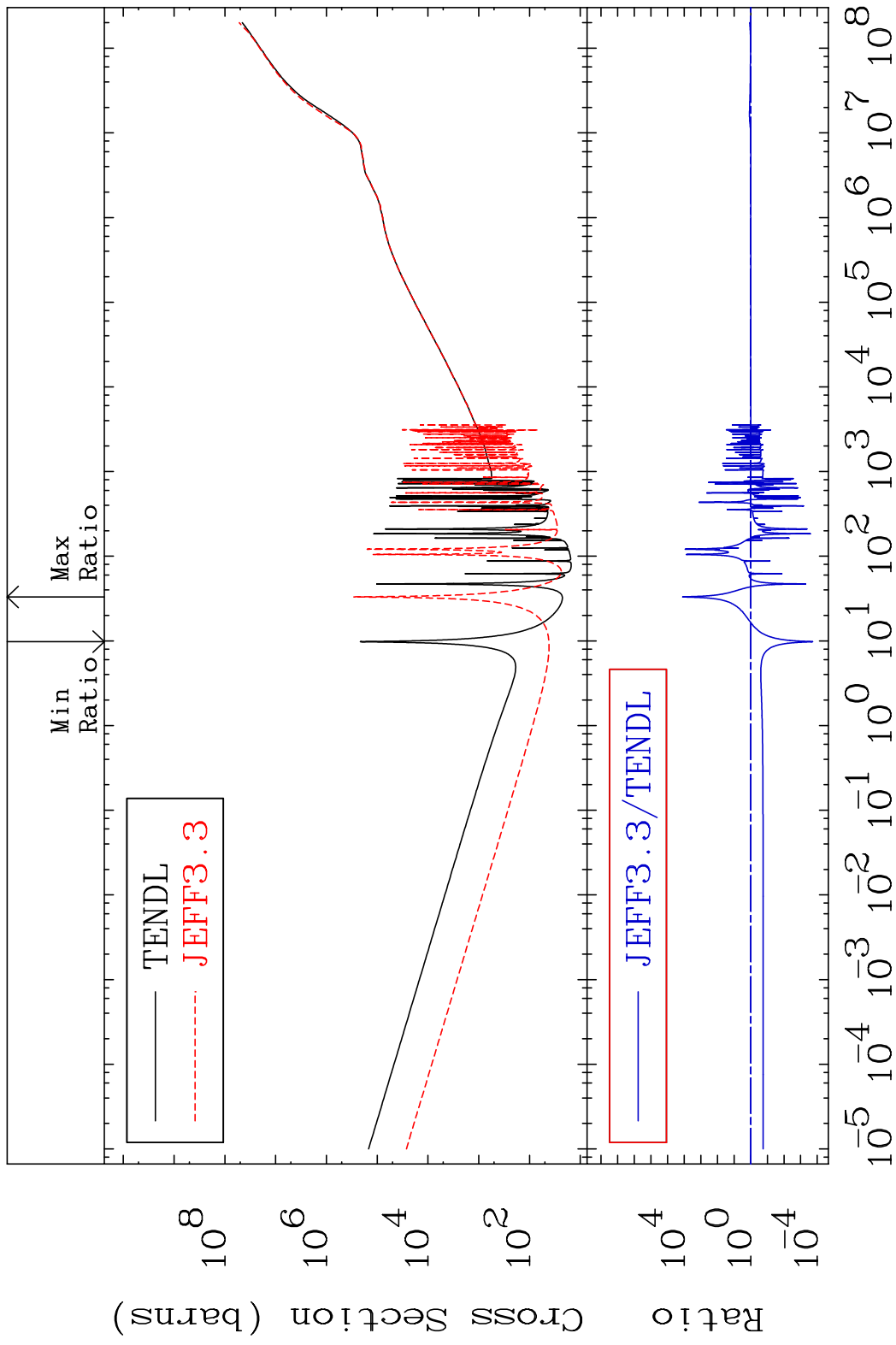
Total photon (eV-barns) 34-Se-79
Cross Section -99.99 To 9999. %



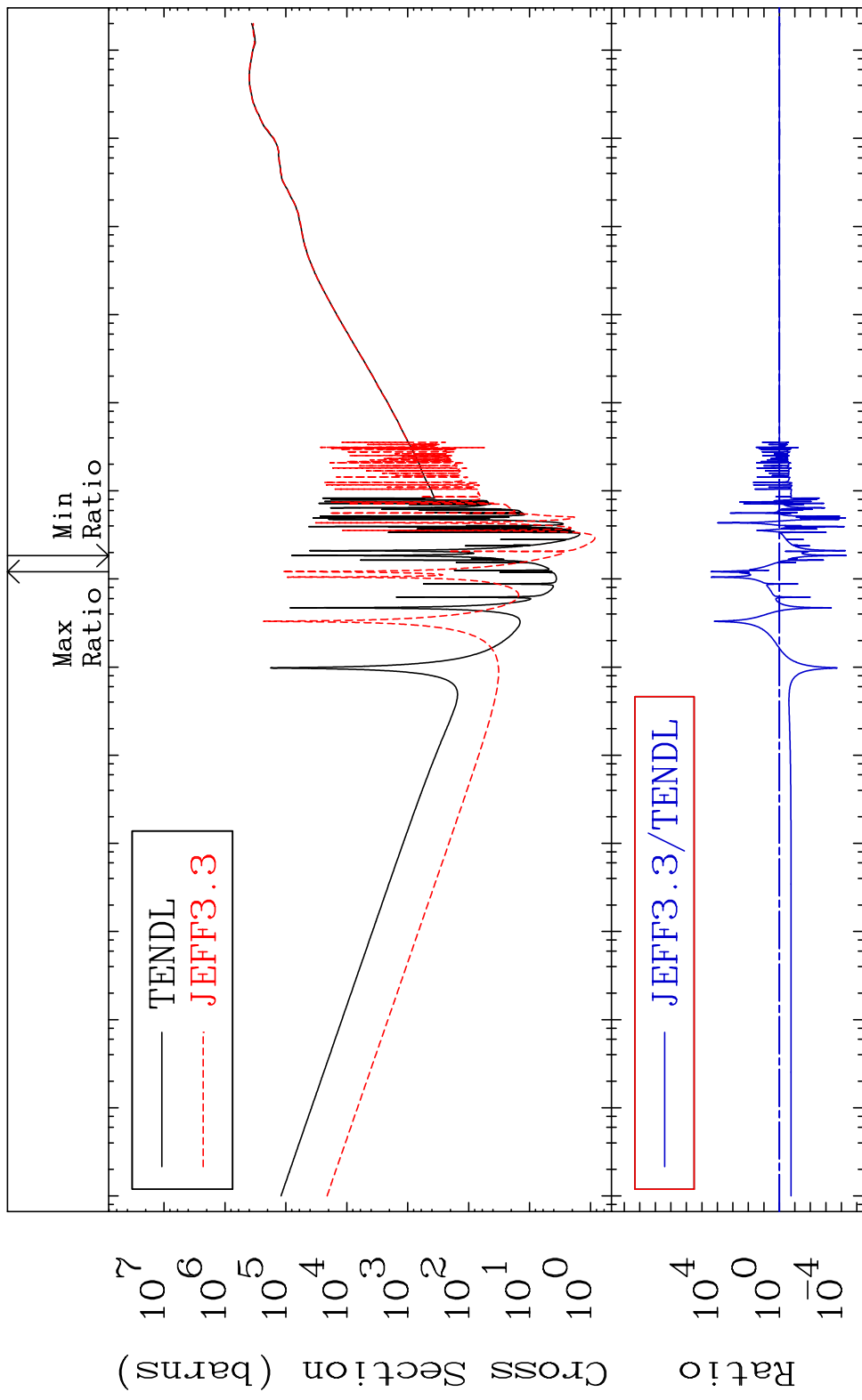
59

Incident Energy (eV) 34-Se-79

MAT 3440 Total kinematic kerma (high limit) 34-Se-79
 Cross Section -99.98 To 9999. %



MAT 3440 Dpa total (eV-barns) 34-Se-79
 Cross Section -100.0 To 9999. %

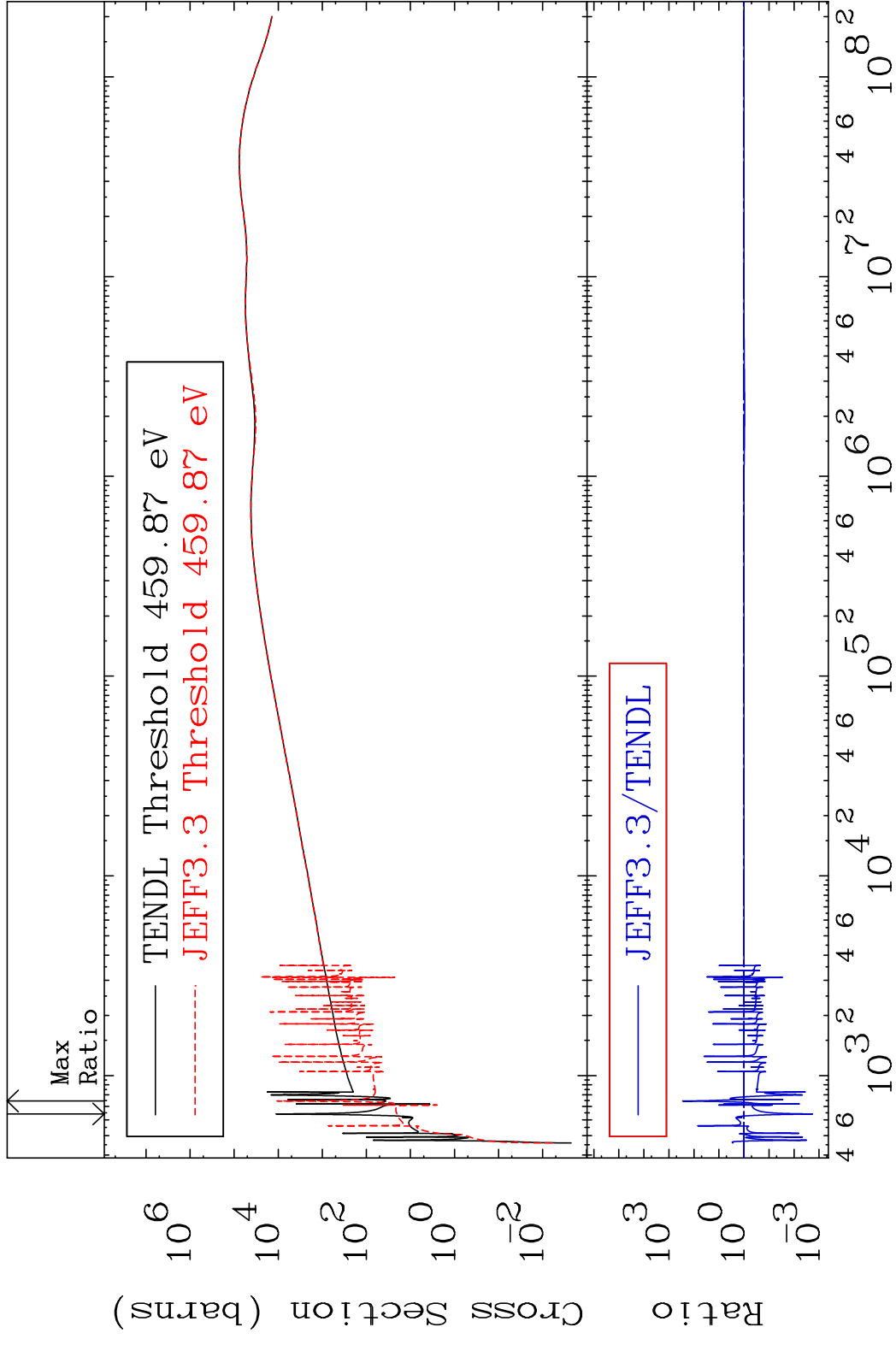


MAT 3440

Dpa elastic (mt2)

34-Se-79

Cross Section -99.82 To 9999. %

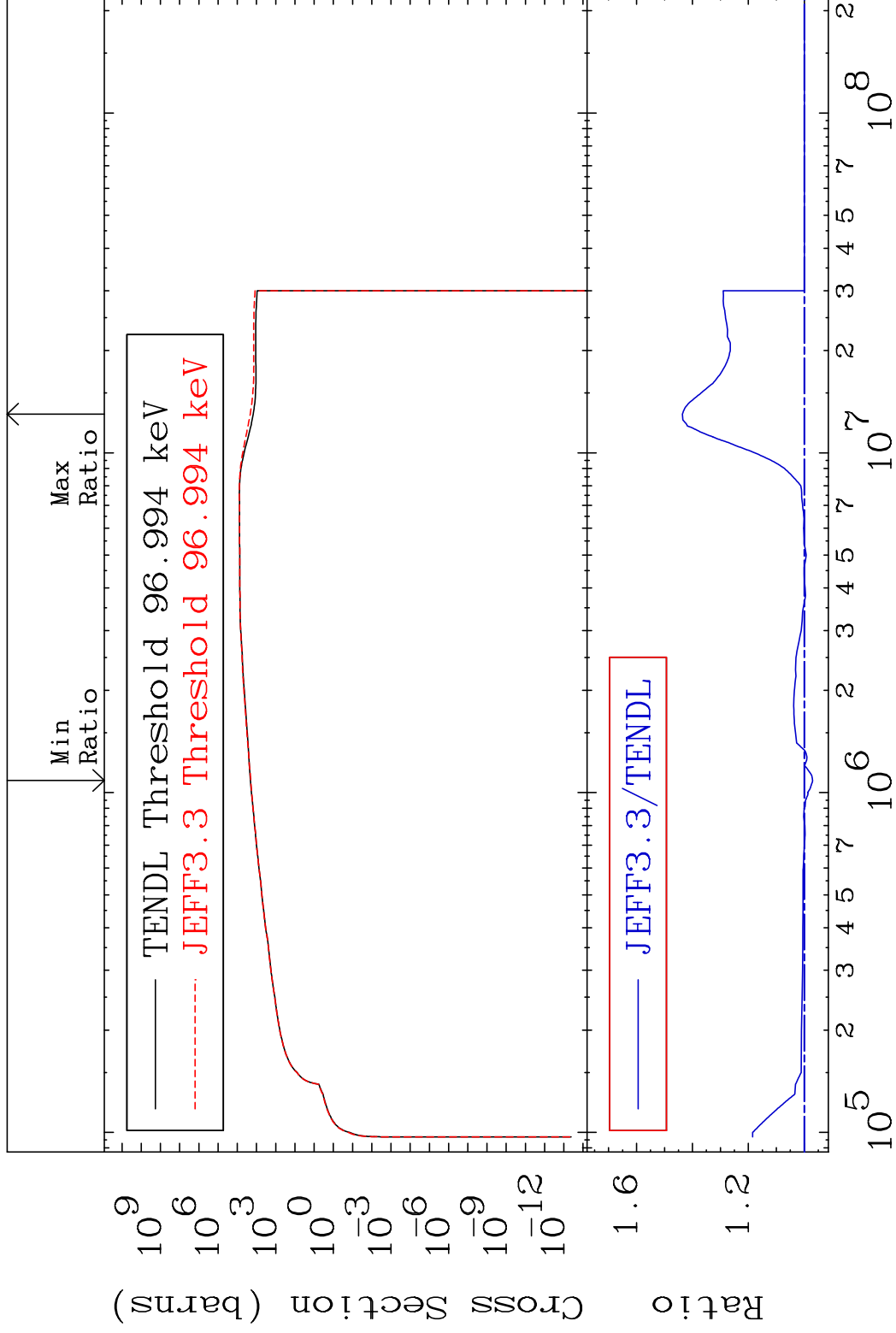


MAT 3440

Dpa inelastic (mt51-91)

34-Se-79

Cross Section -2.957 To 43.61 %

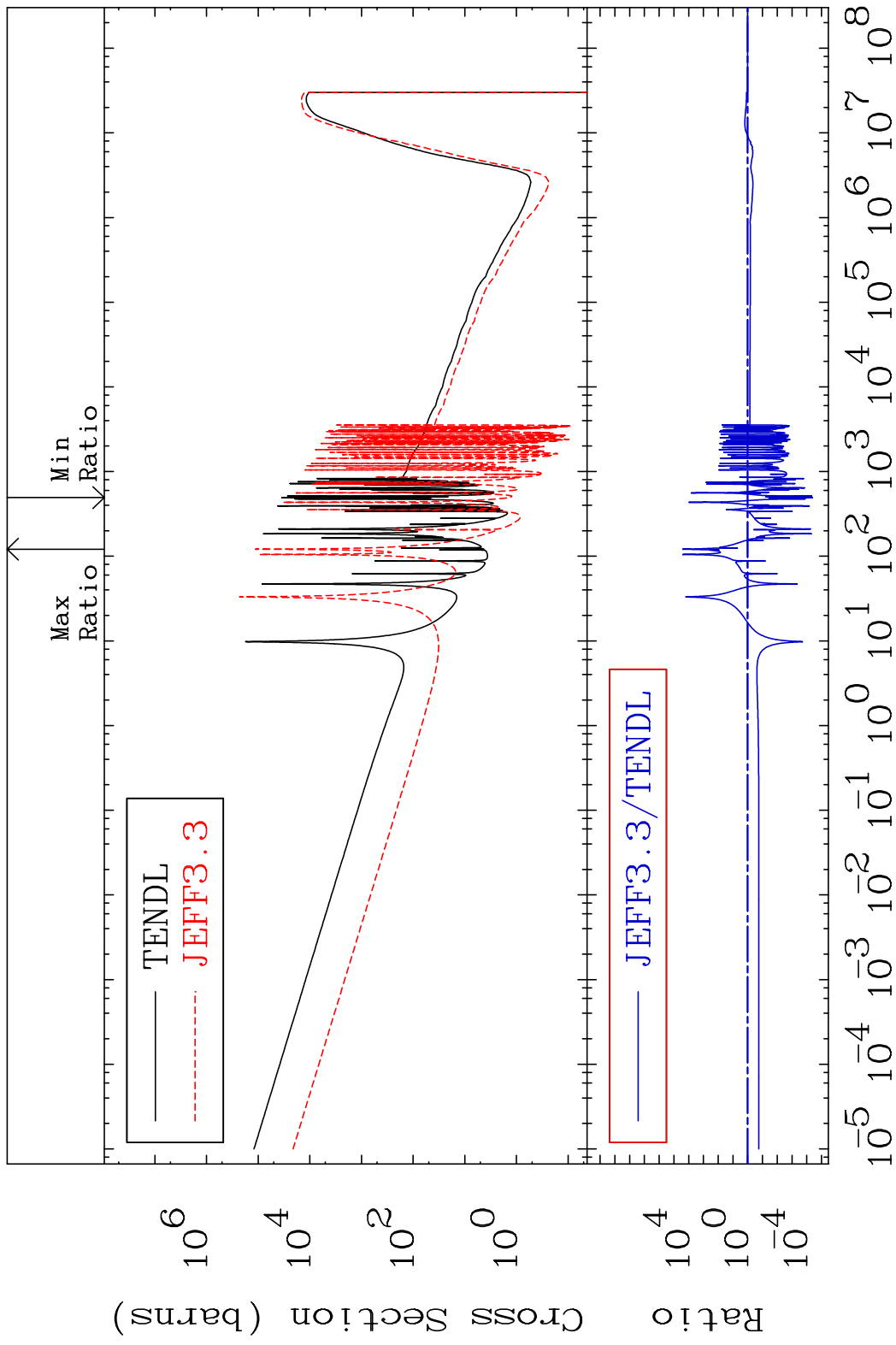


63

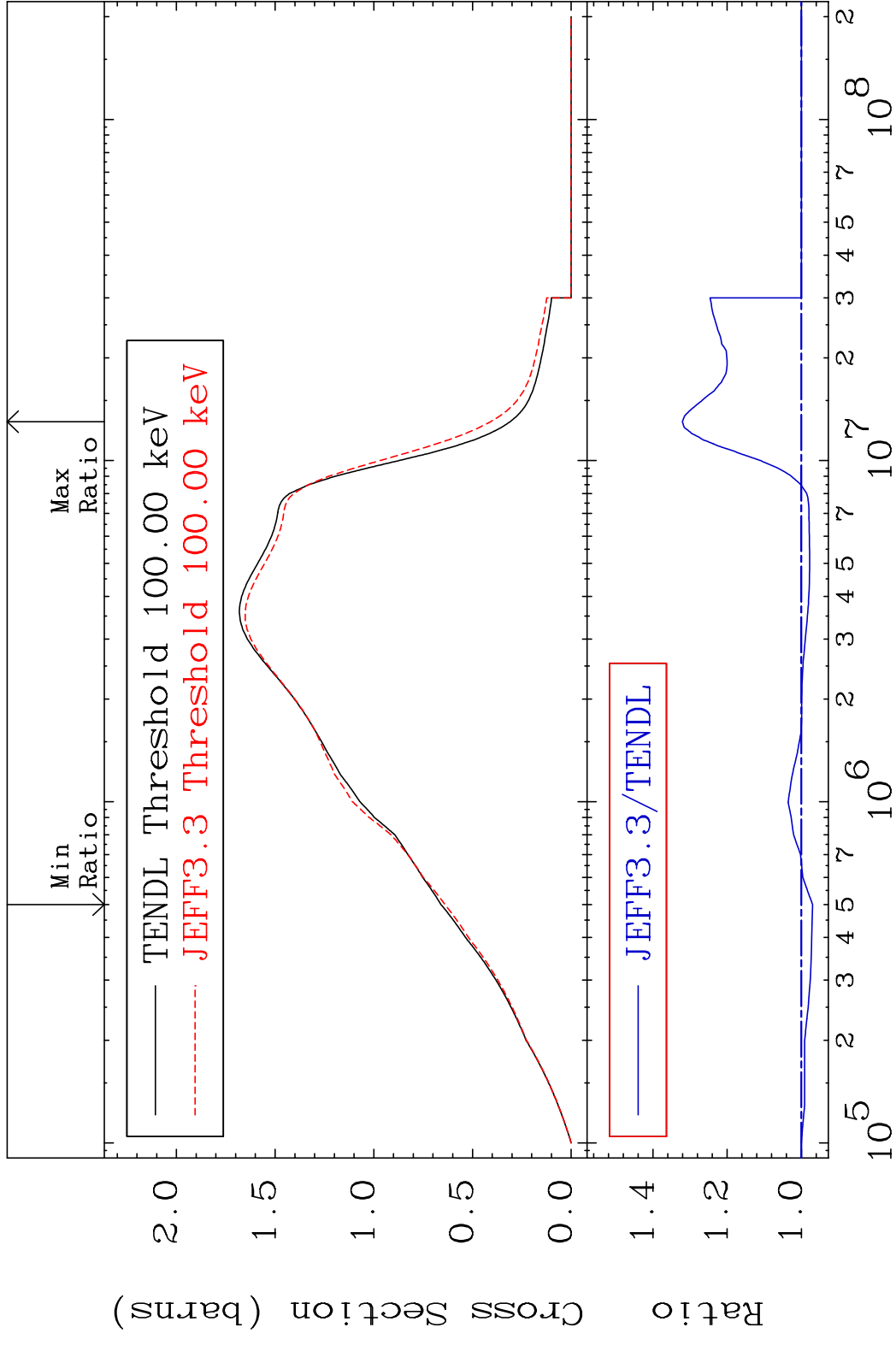
Incident Energy (eV)

34-Se-79

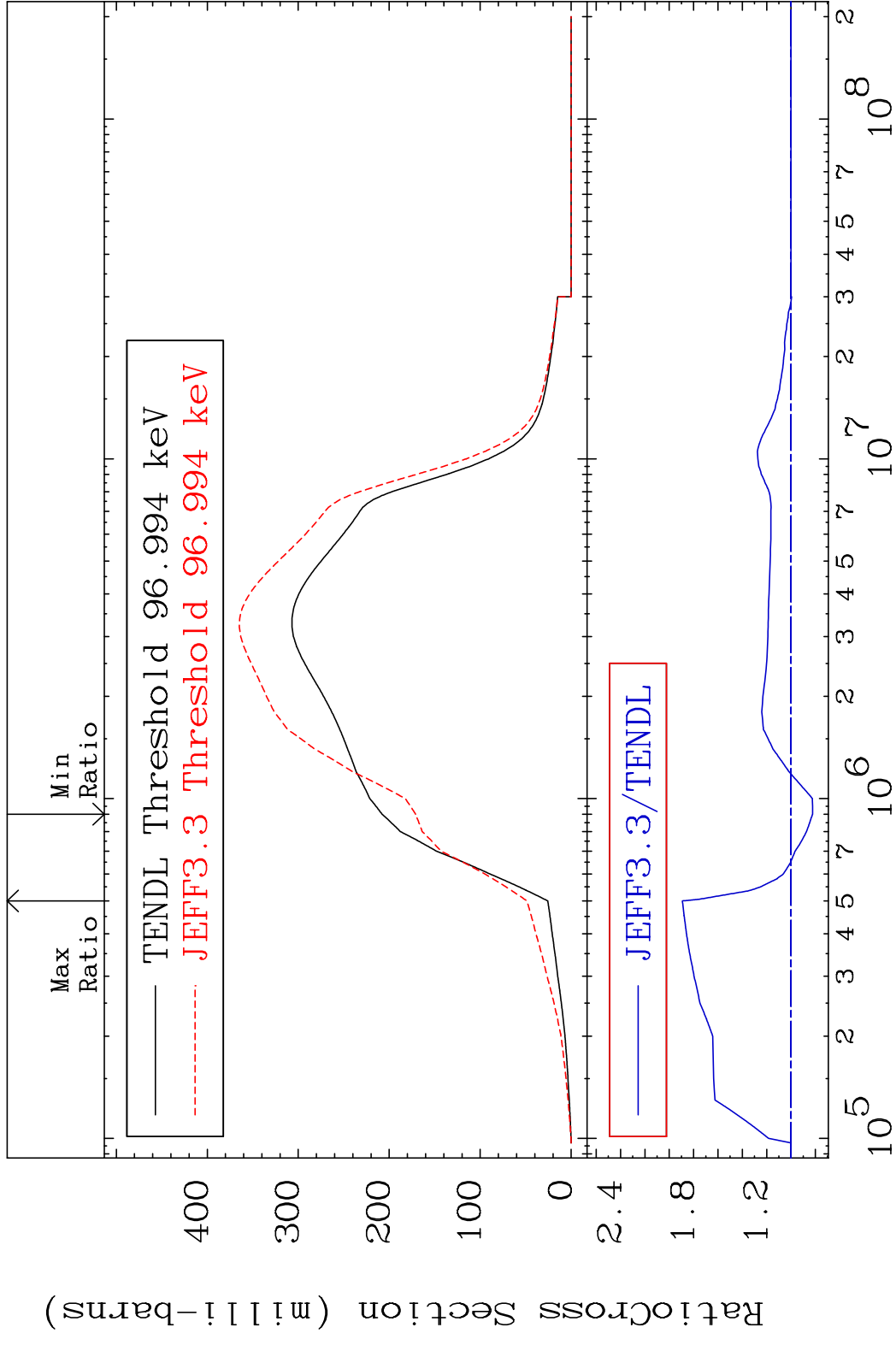
MAT 3440 Dpa disappearance (mt102 -120) 34-Se-79
 Cross Section -100.0 To 9999. %



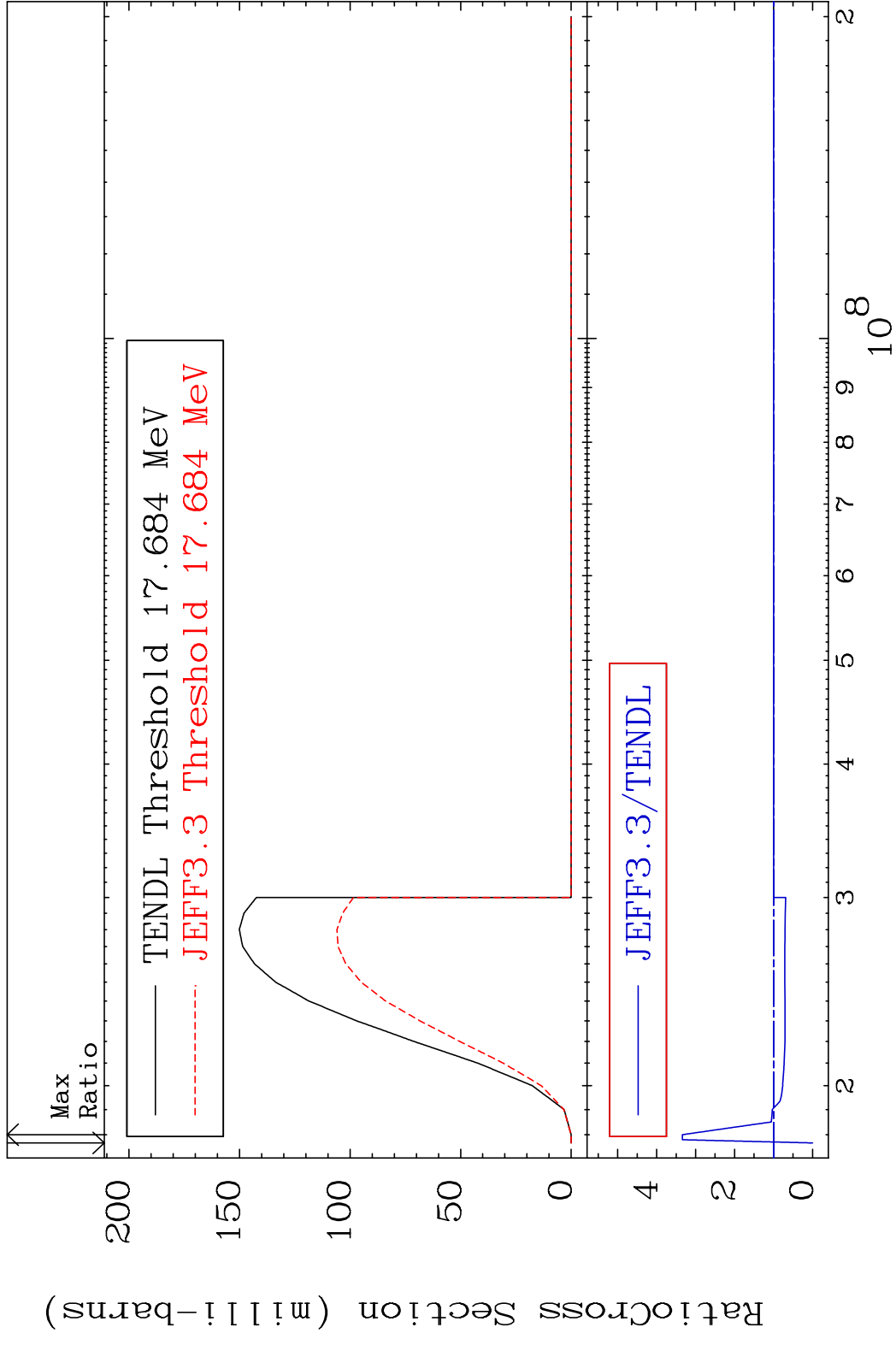
MAT 3440 Inelastic:34-Se-79g 34-Se-79
 Radionuclide Production Cross Section 32.07 %



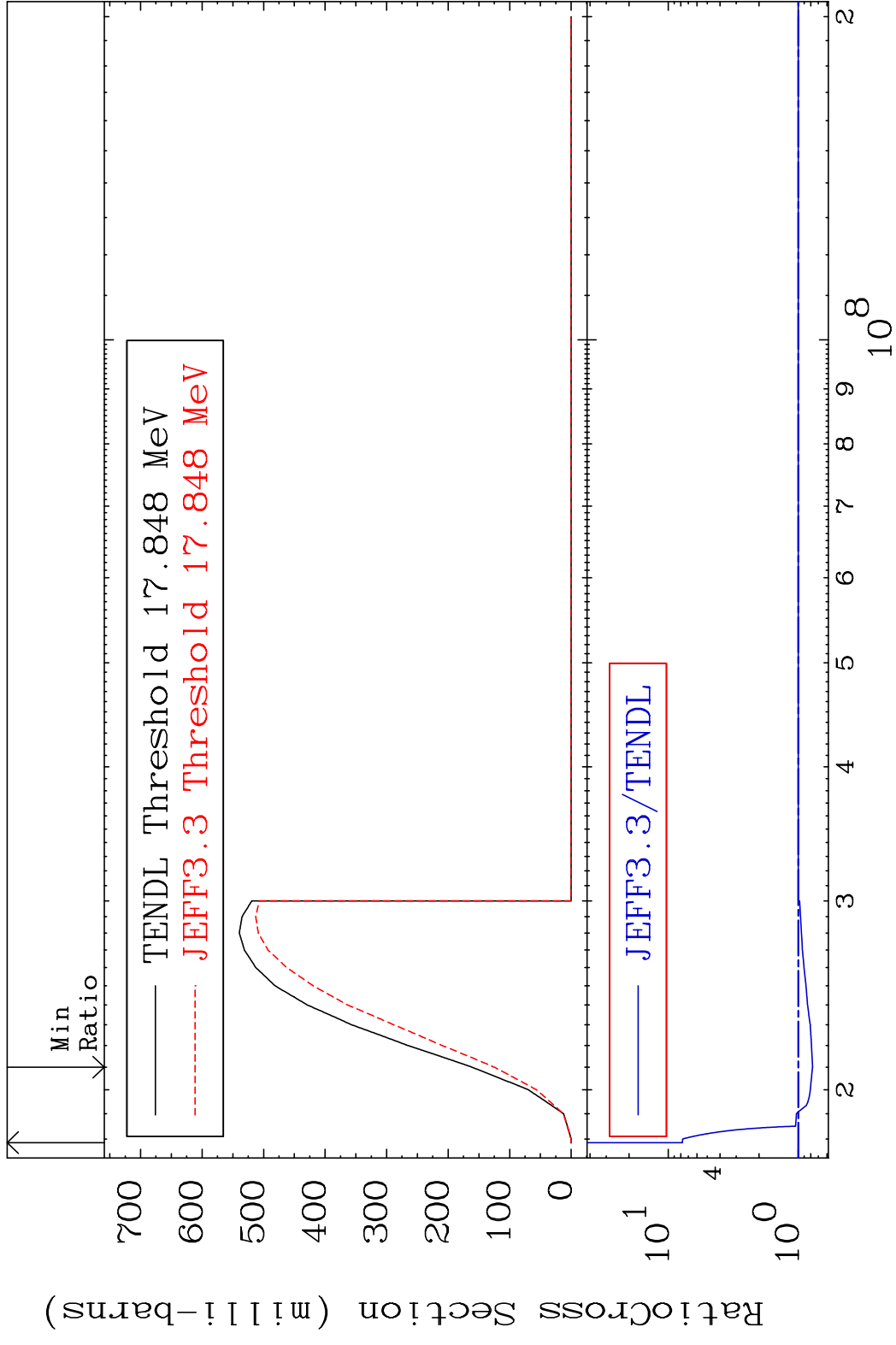
65 Incident Energy (eV) 34-Se-79



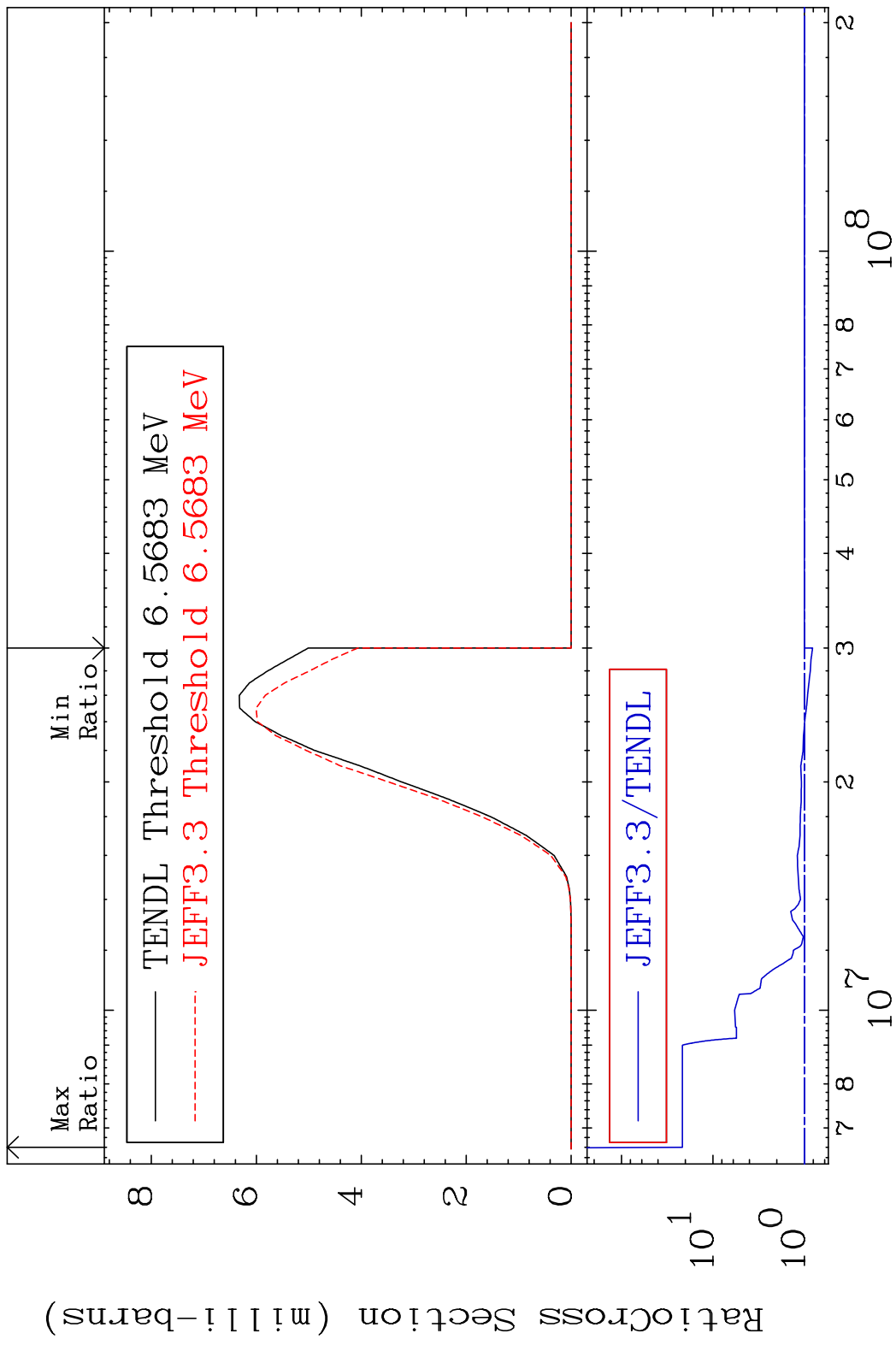
MAT 3440 (n,3n):34-Se-77g 34-Se-79
 Radionuclide Production Cross Section Ratio 234.0 %



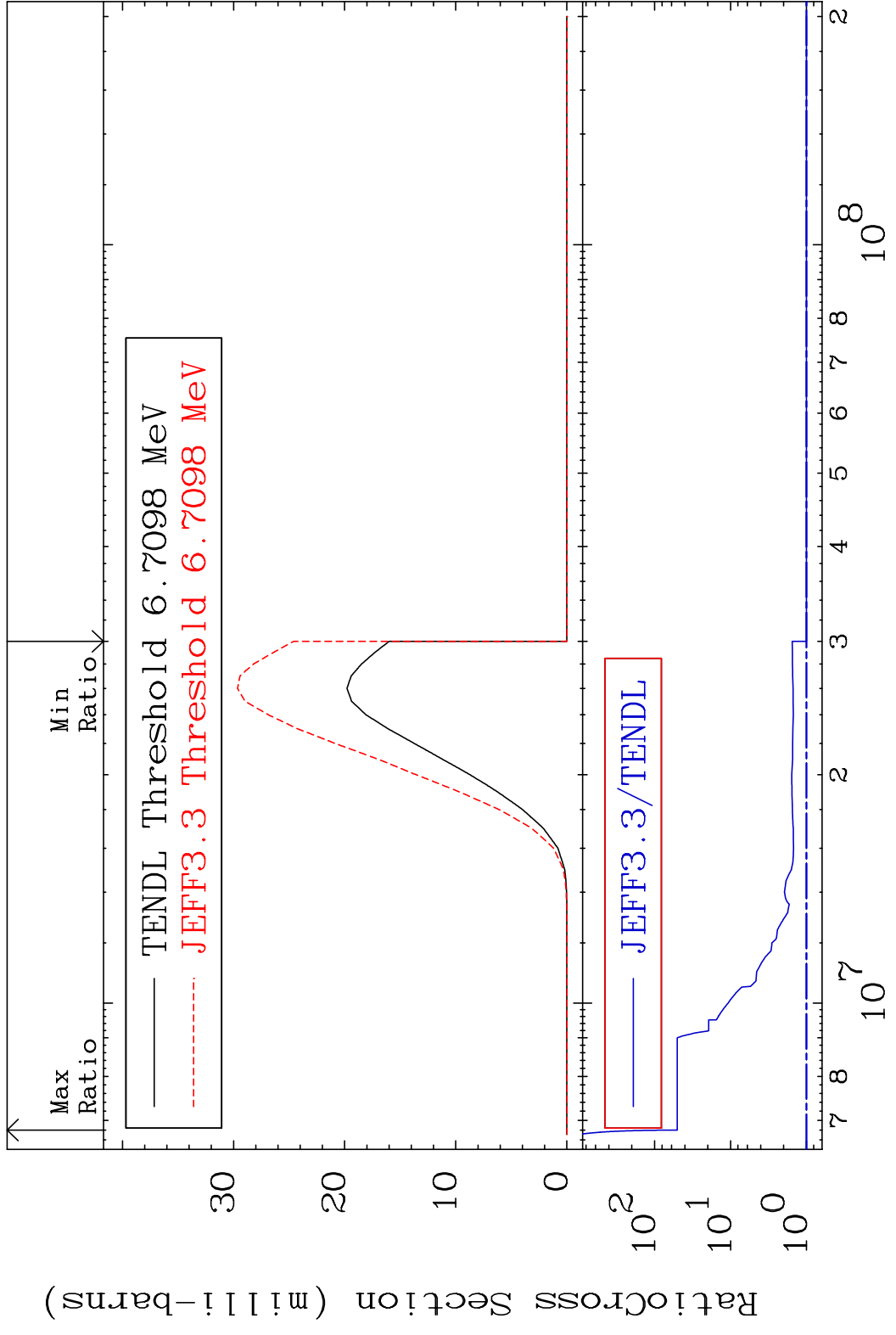
MAT 3440 (n,3n):34-Se-77m1 34-Se-79
 Radionuclide Production Cross Section 678.6 %



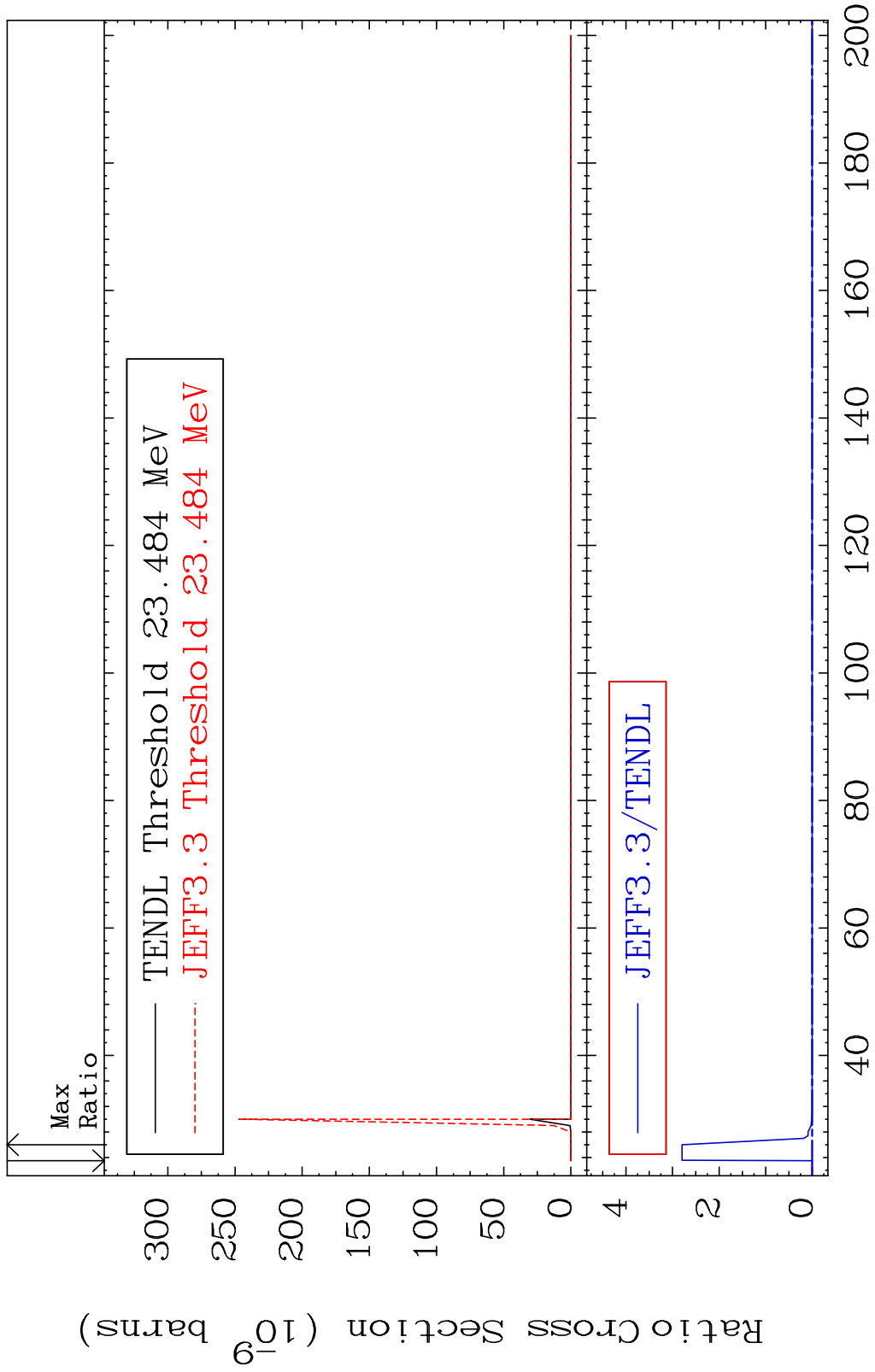
MAT 3440 (n, n') α :32-Ge-75g 34-Se-79
 Radionuclide Production Cross Section 18669 dth 2063. %



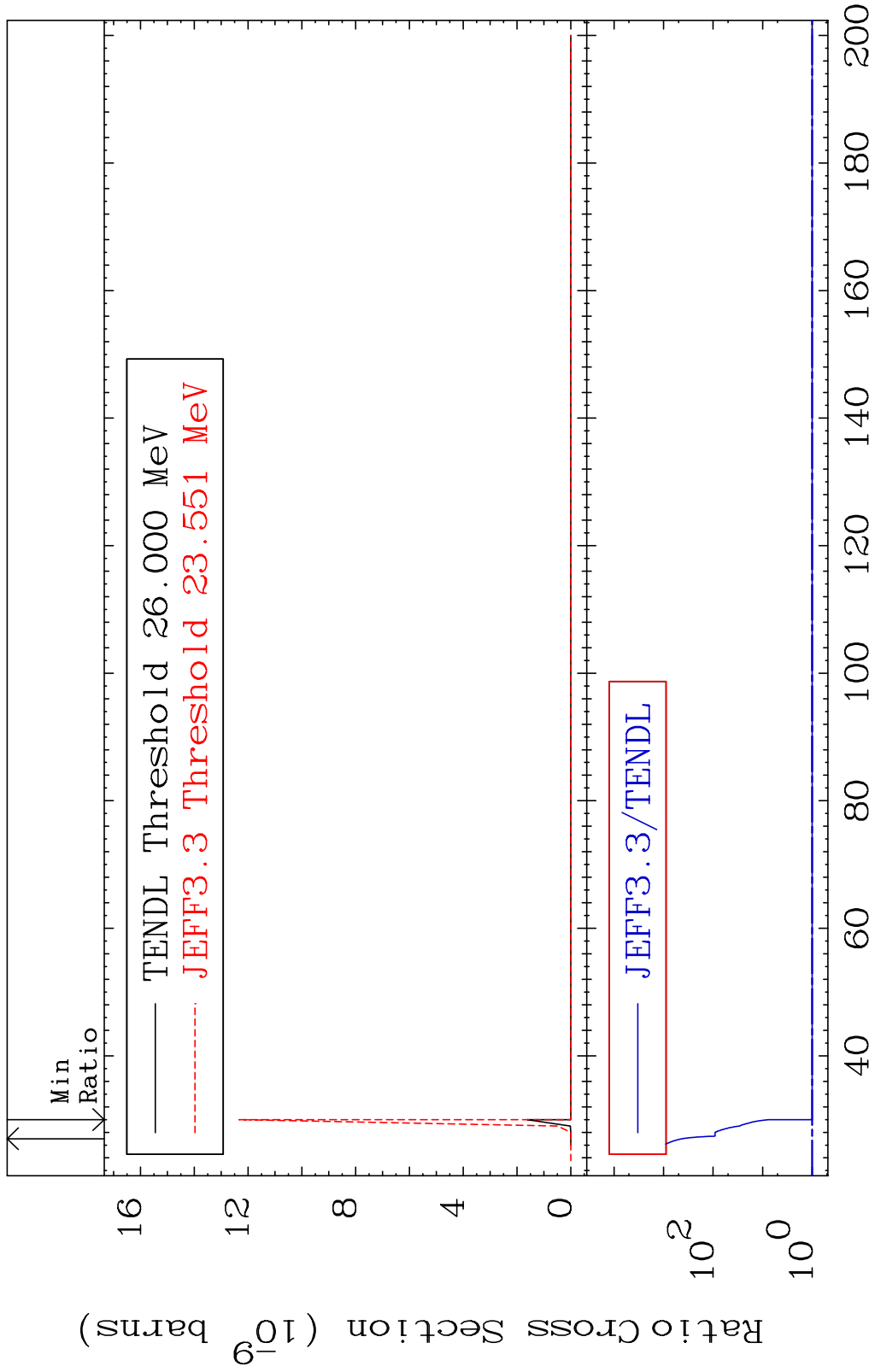
MAT 3440 (n, n') α :32-Ge-75m2 34-Se-79
 Radionuclide Production Cross Section 4945. %



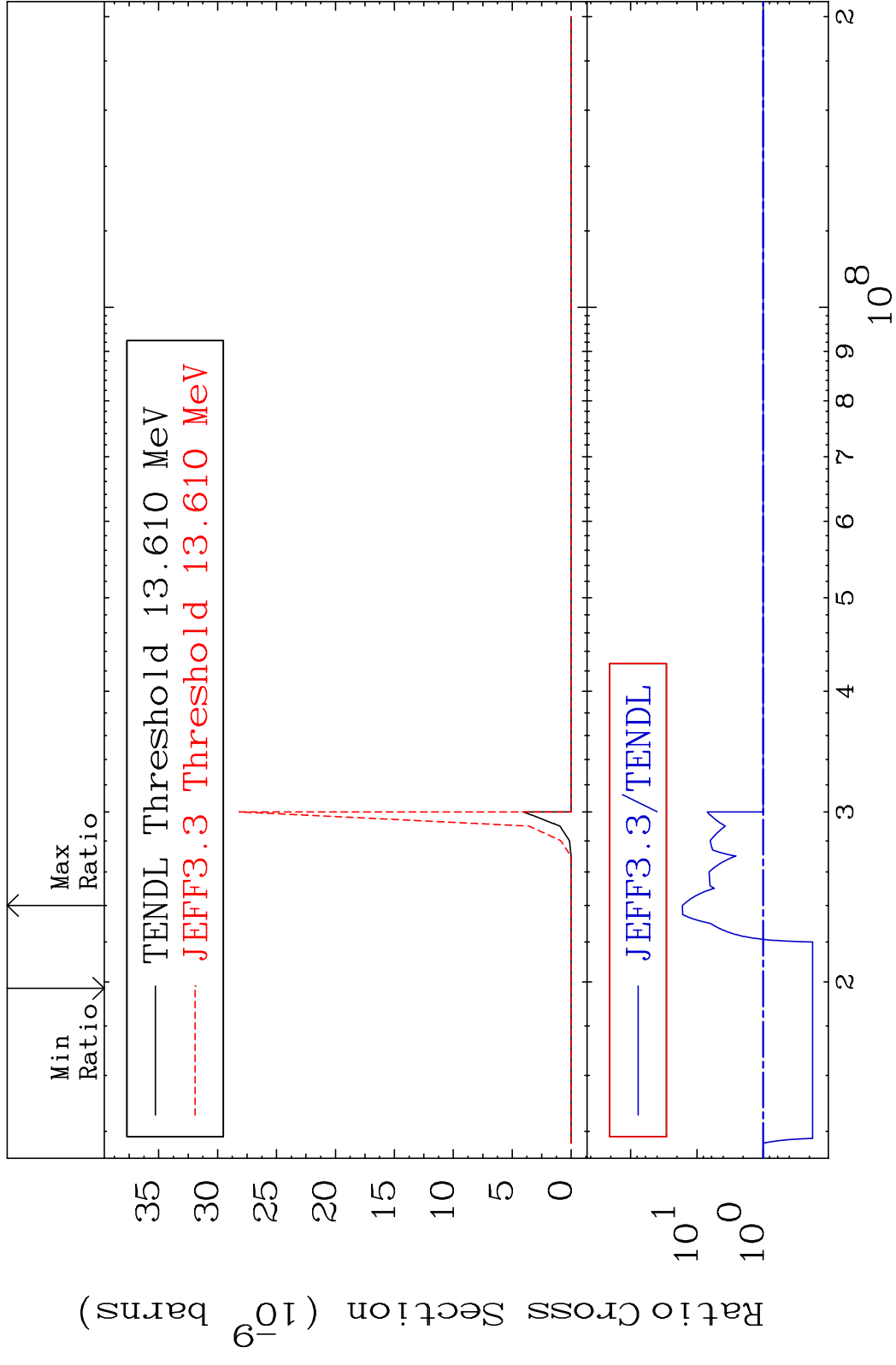
MAT 3440 (n, 3n) α :32-Ge-73g 34-Se-79
 Radionuclide Production Cross Section Ratio 9999. %

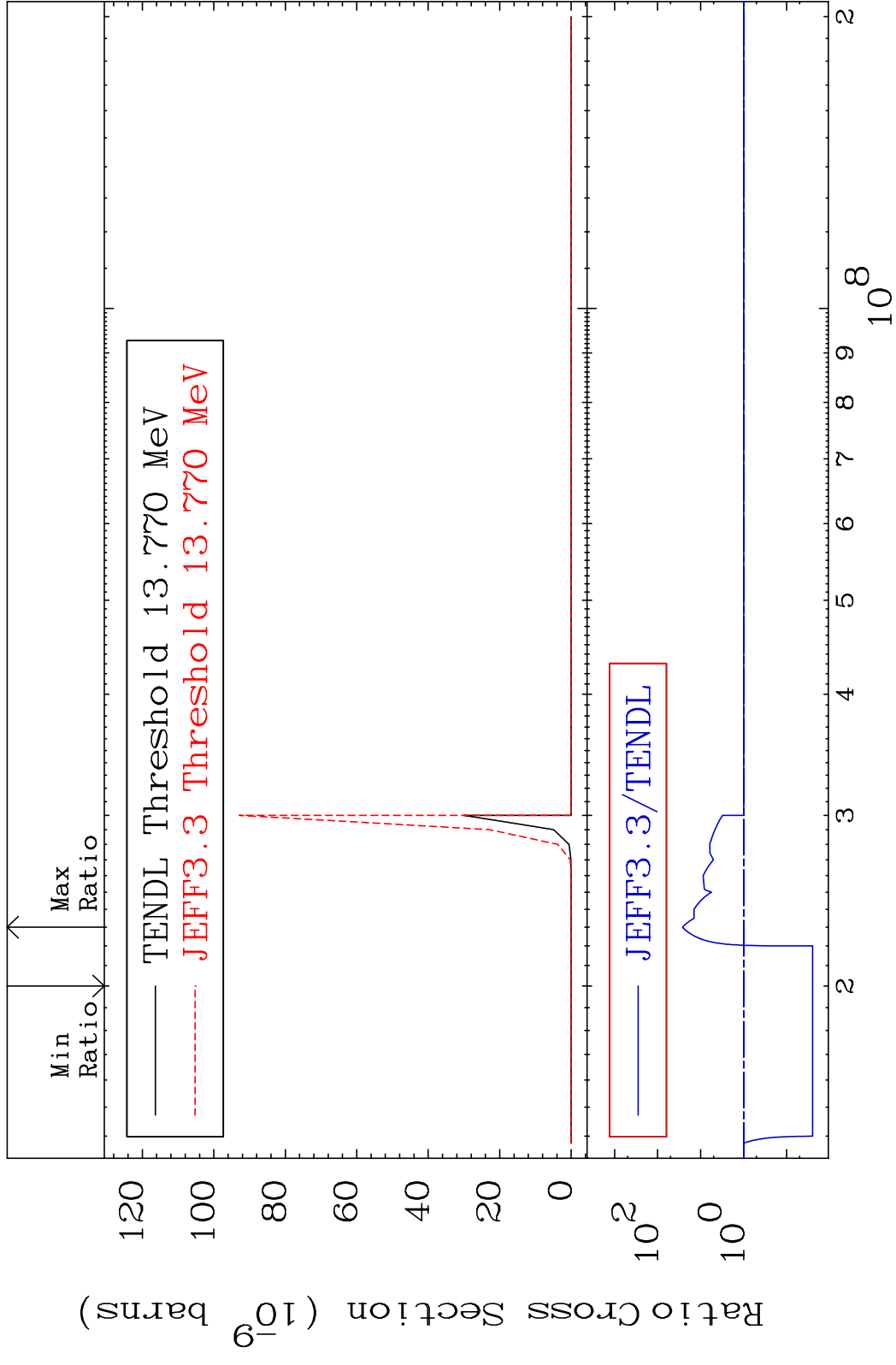


MAT 3440 (n,3n) α :32-Ge-73m2 34-Se-79
 Radionuclide Production Cross Section, %

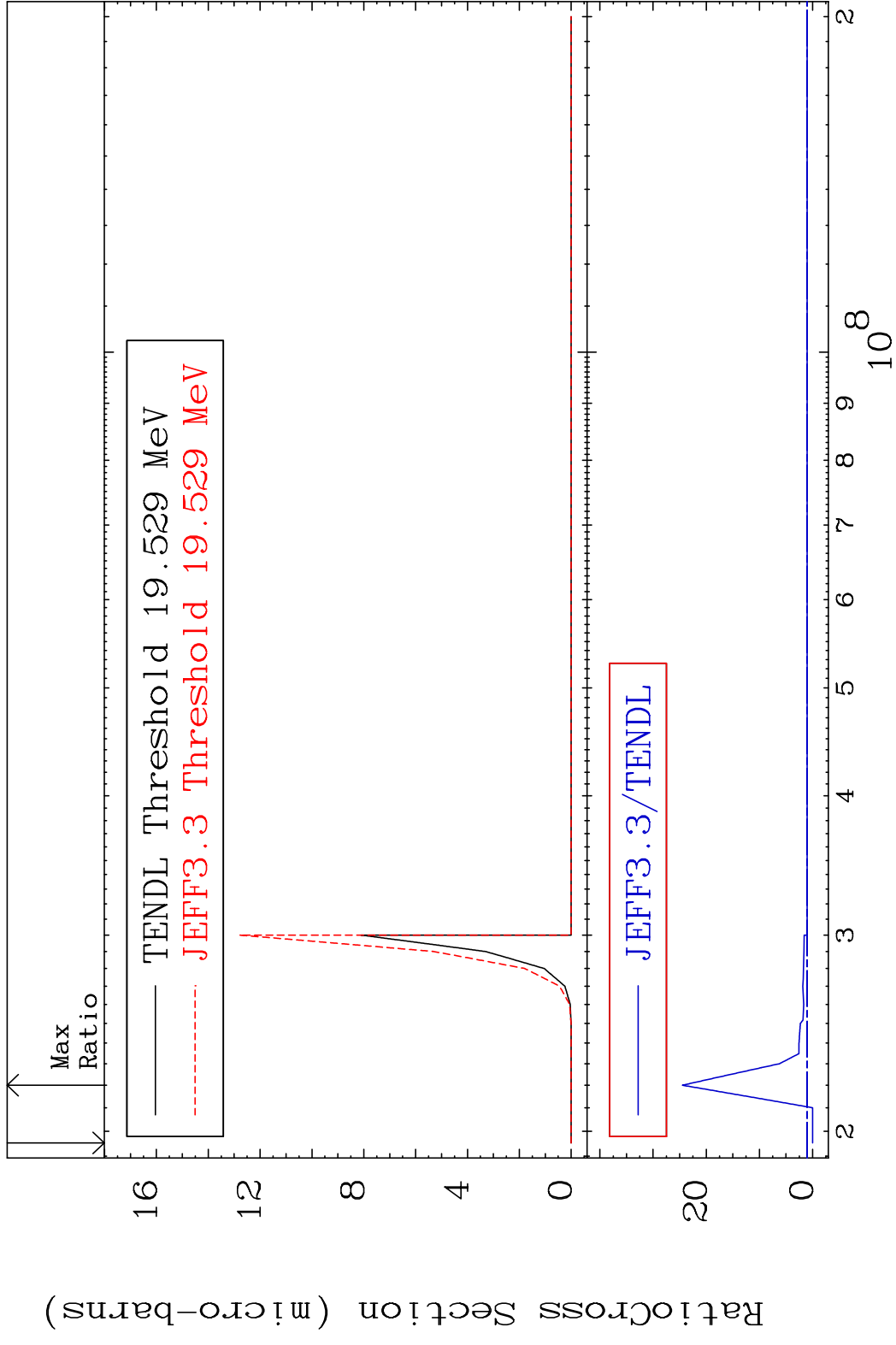


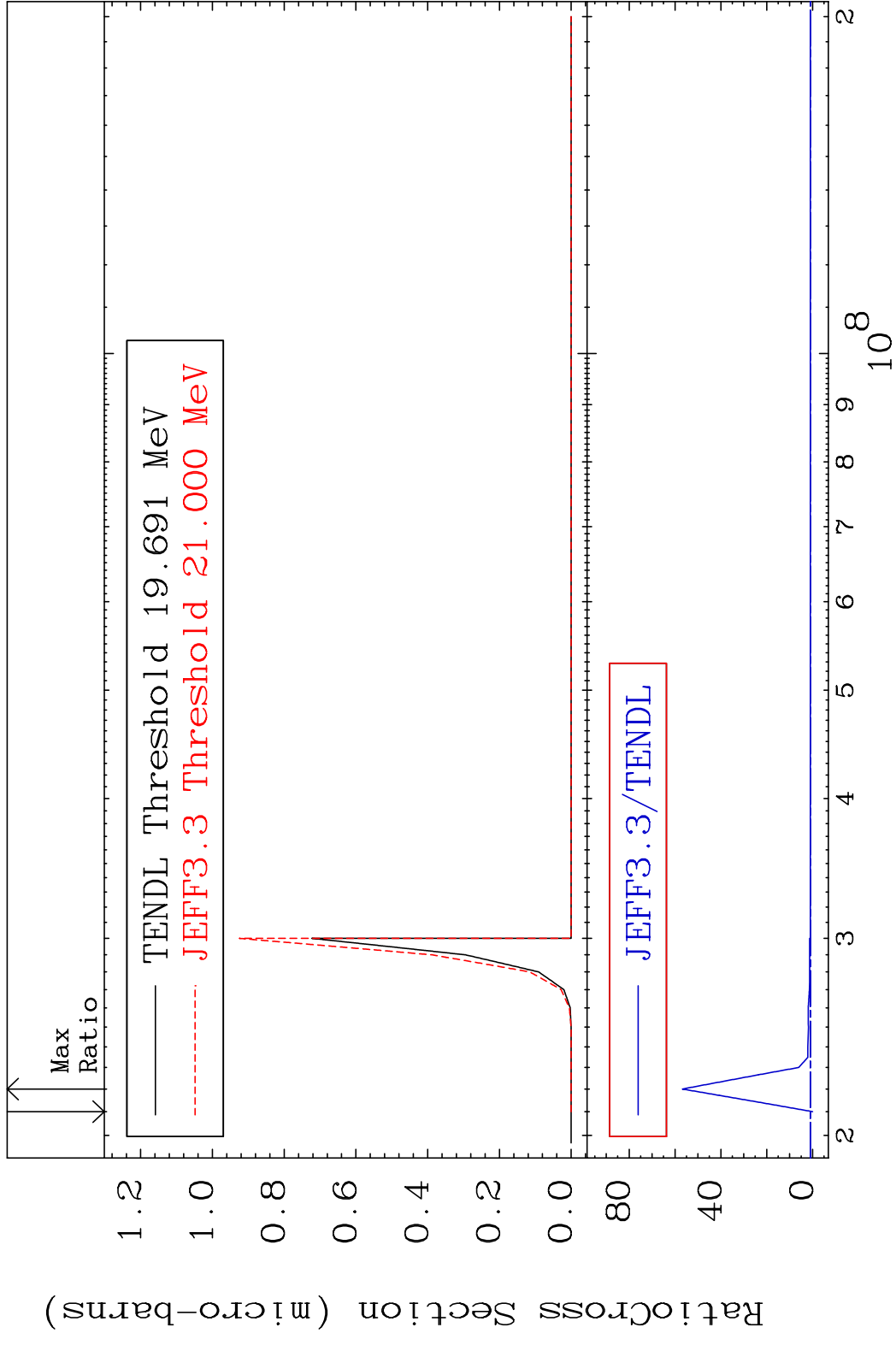
MAT 3440 (n, n') $2\alpha:30\text{-Zn-71g}$ 34-Se-79
 Radionuclide Production Cross Section 82.091 d $1557. \%$

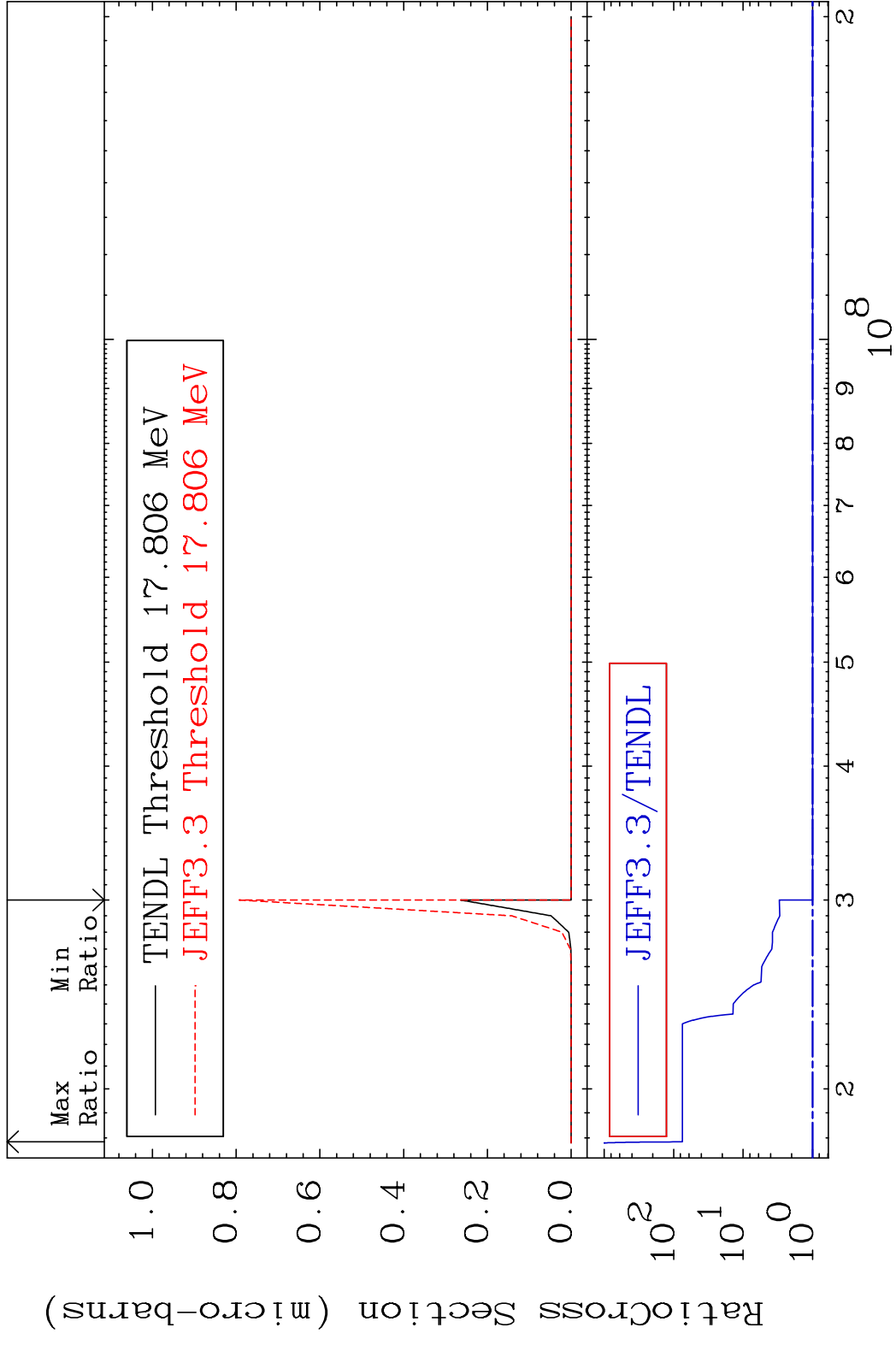




MAT 3440 (n,2n) p:32-Ge-77g 34-Se-79
 Radionuclide Production Cross Section 180.01 dth 2349. %







MAT 3440 (n, n') p α :31-Ga-74m2 34-Se-79
 Radionuclide Production Cross Section 18000 dtd 9999. %

