

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

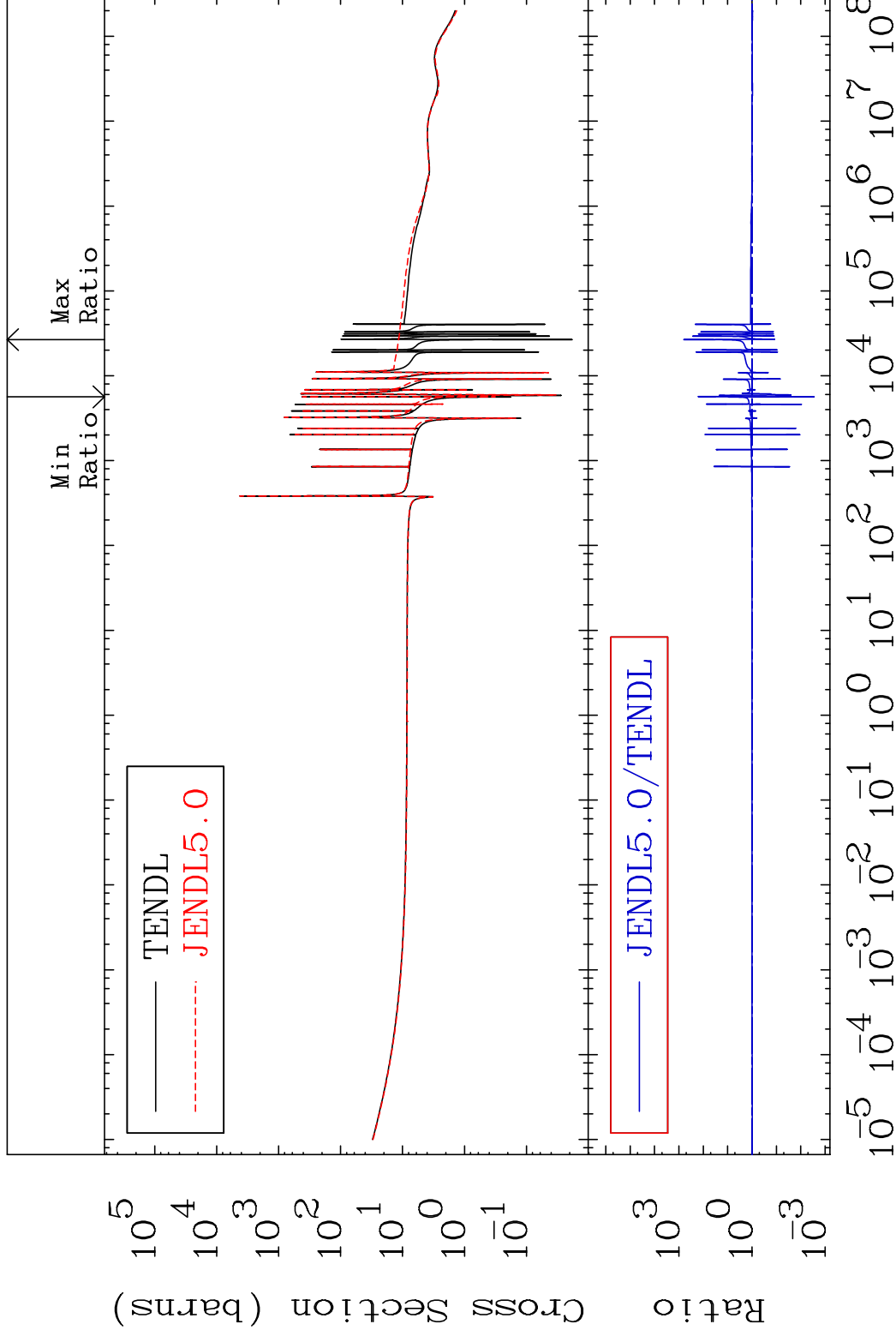
MAT 3437

Total

34-Se-78

Cross Section

-99.72 To 9999. %



1

Incident Energy (eV)

34-Se-78

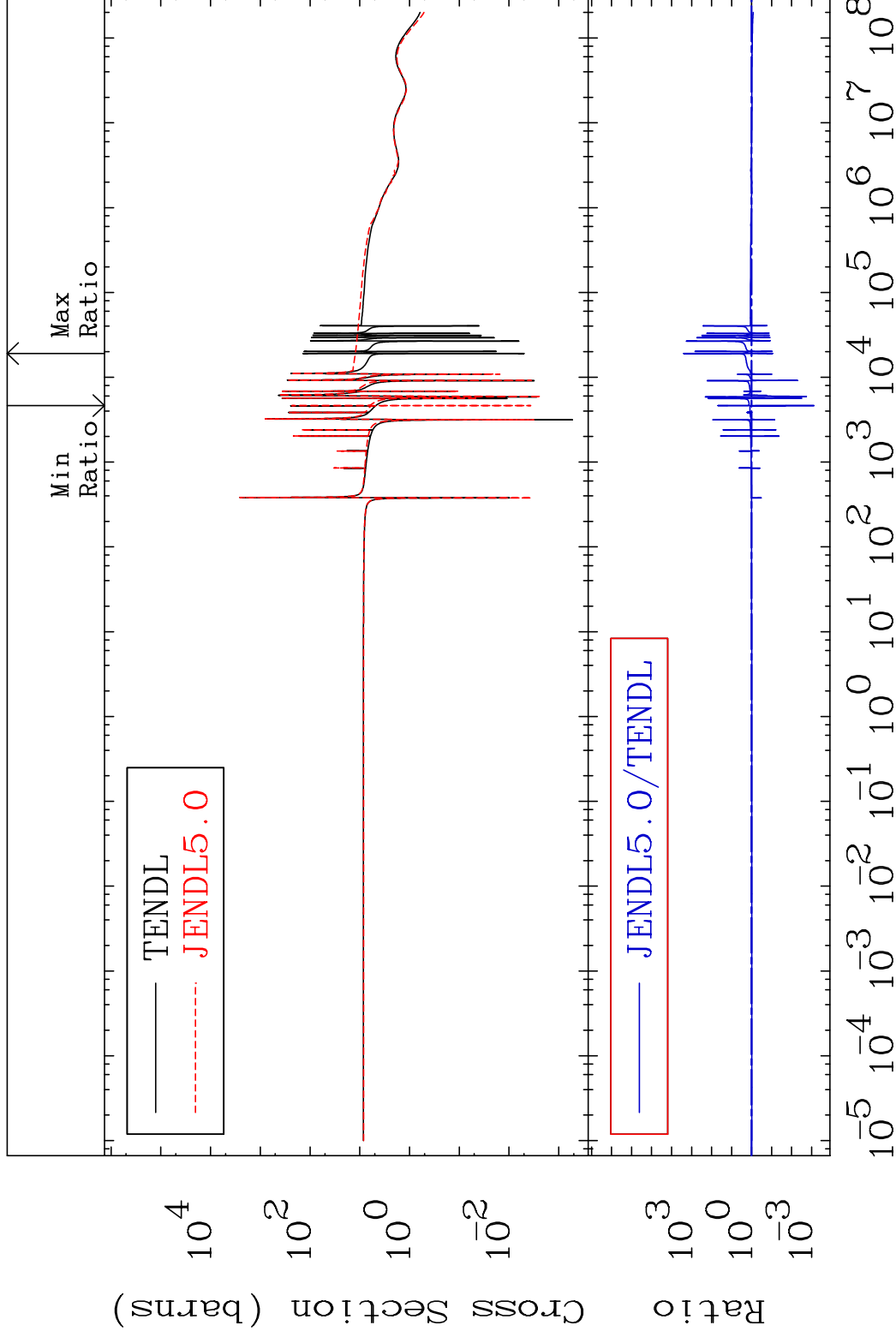
MAT 3437

Elastic

34-Se-78

Cross Section

-99.92 To 9999. %

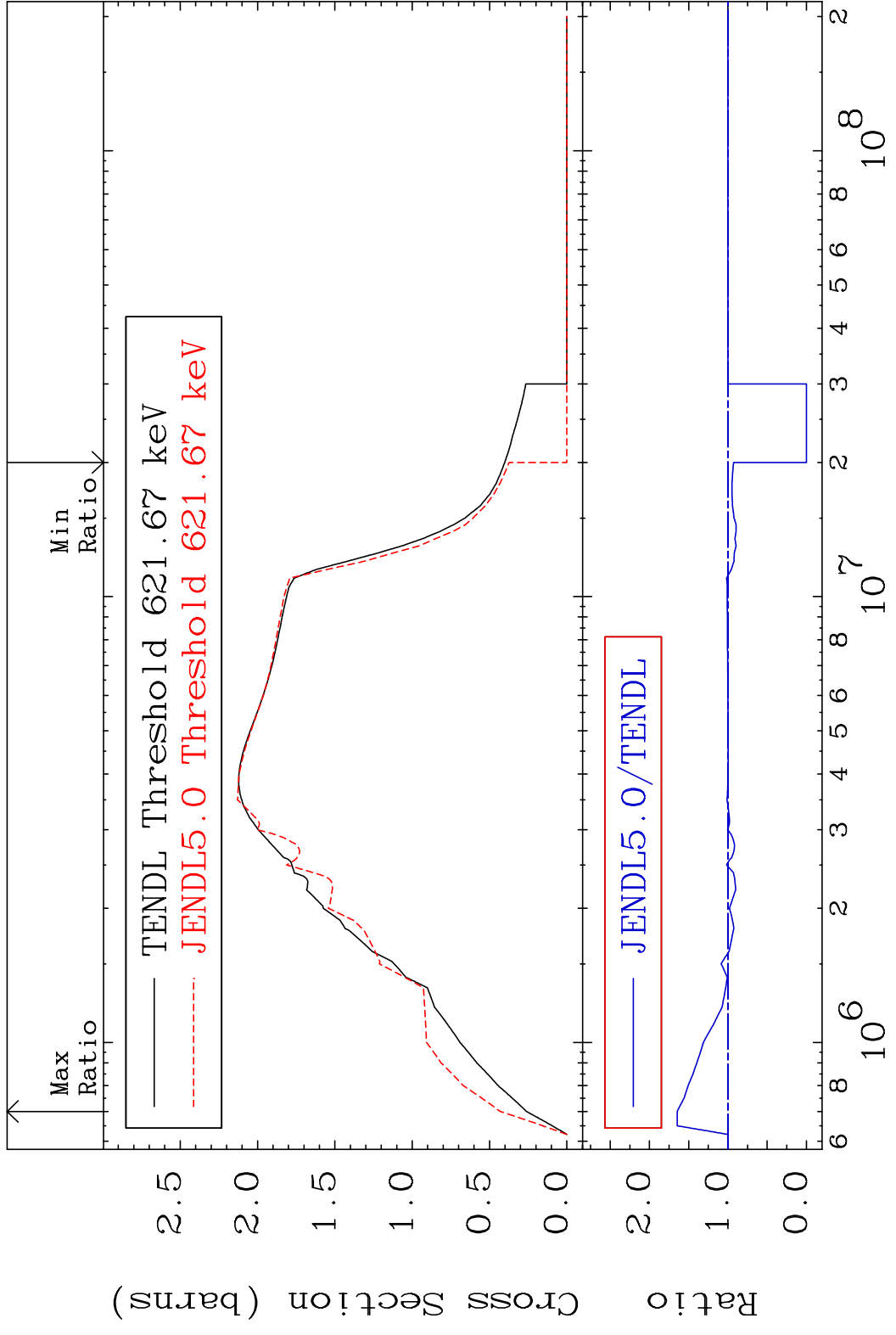


2

Incident Energy (eV)

34-Se-78

MAT 3437 Inelastic Cross Section -100.0 To 64.66 % 34-Se-78



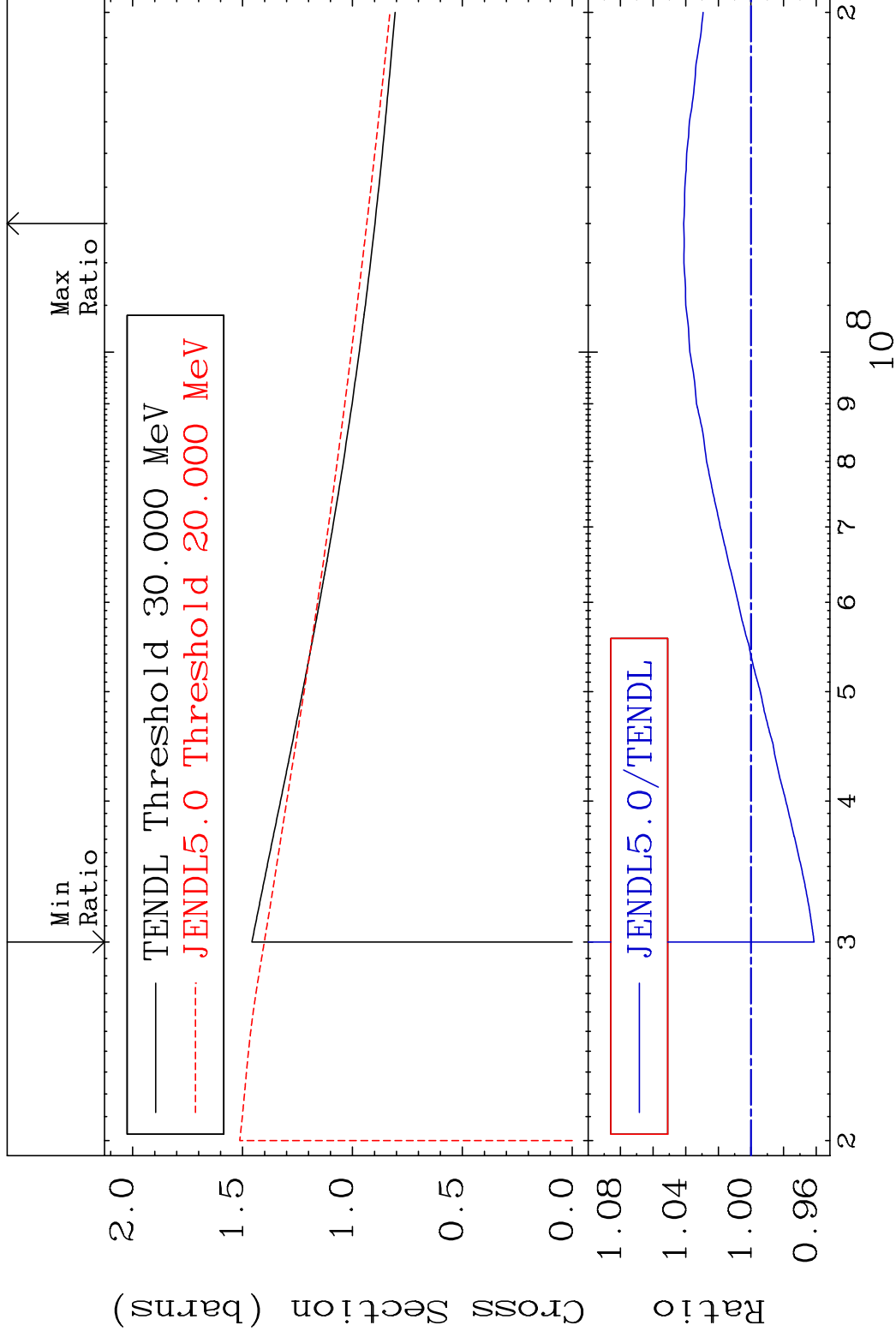
3 34-Se-78

MAT 3437

(n, remainder)

34-Se-78

Cross Section -3.869 To 4.124 %

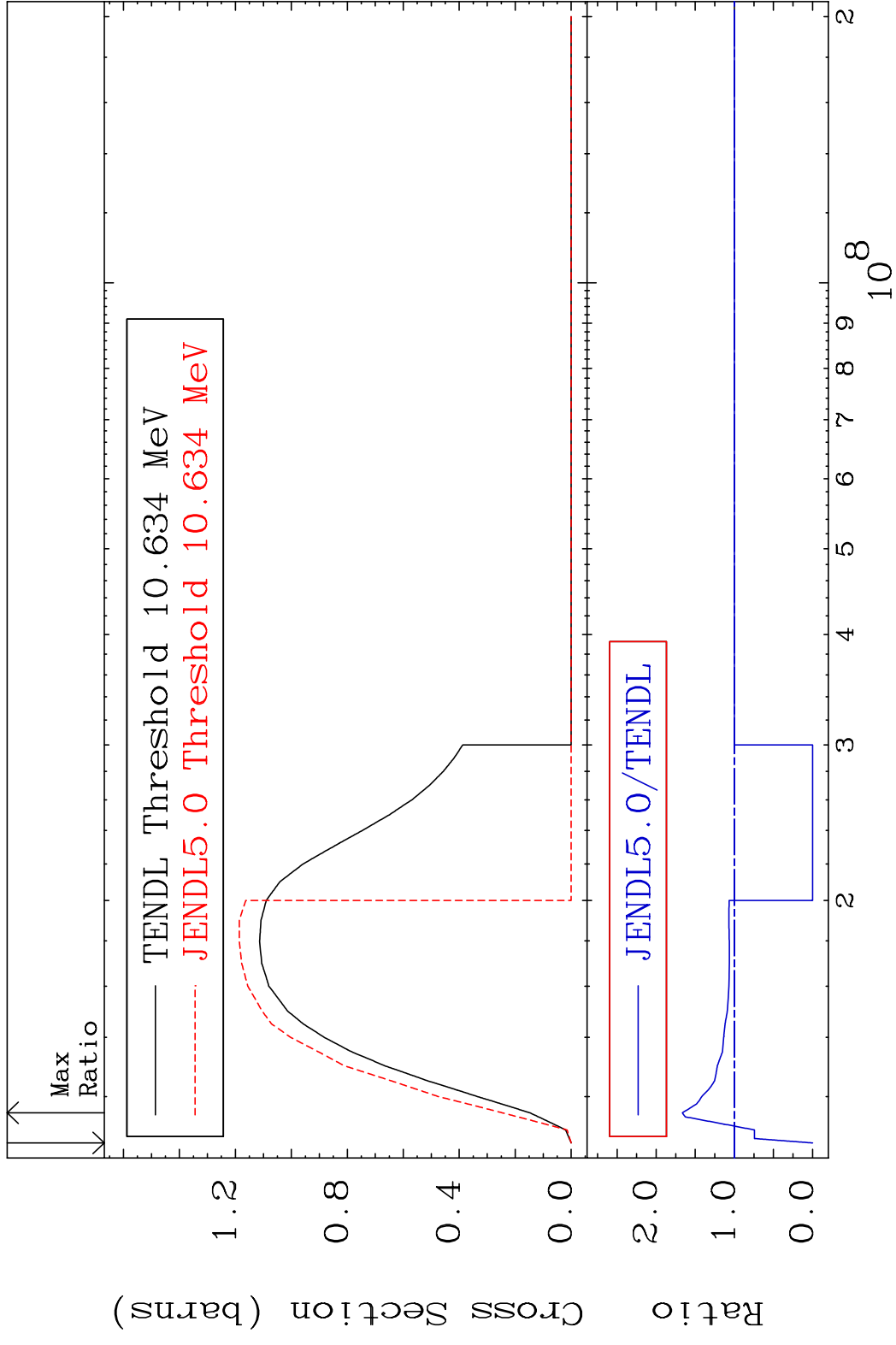


4

Incident Energy (eV)

34-Se-78

MAT 3437 (n,2n) 34-Se-78
 Cross Section -100.0 To 66.51 %

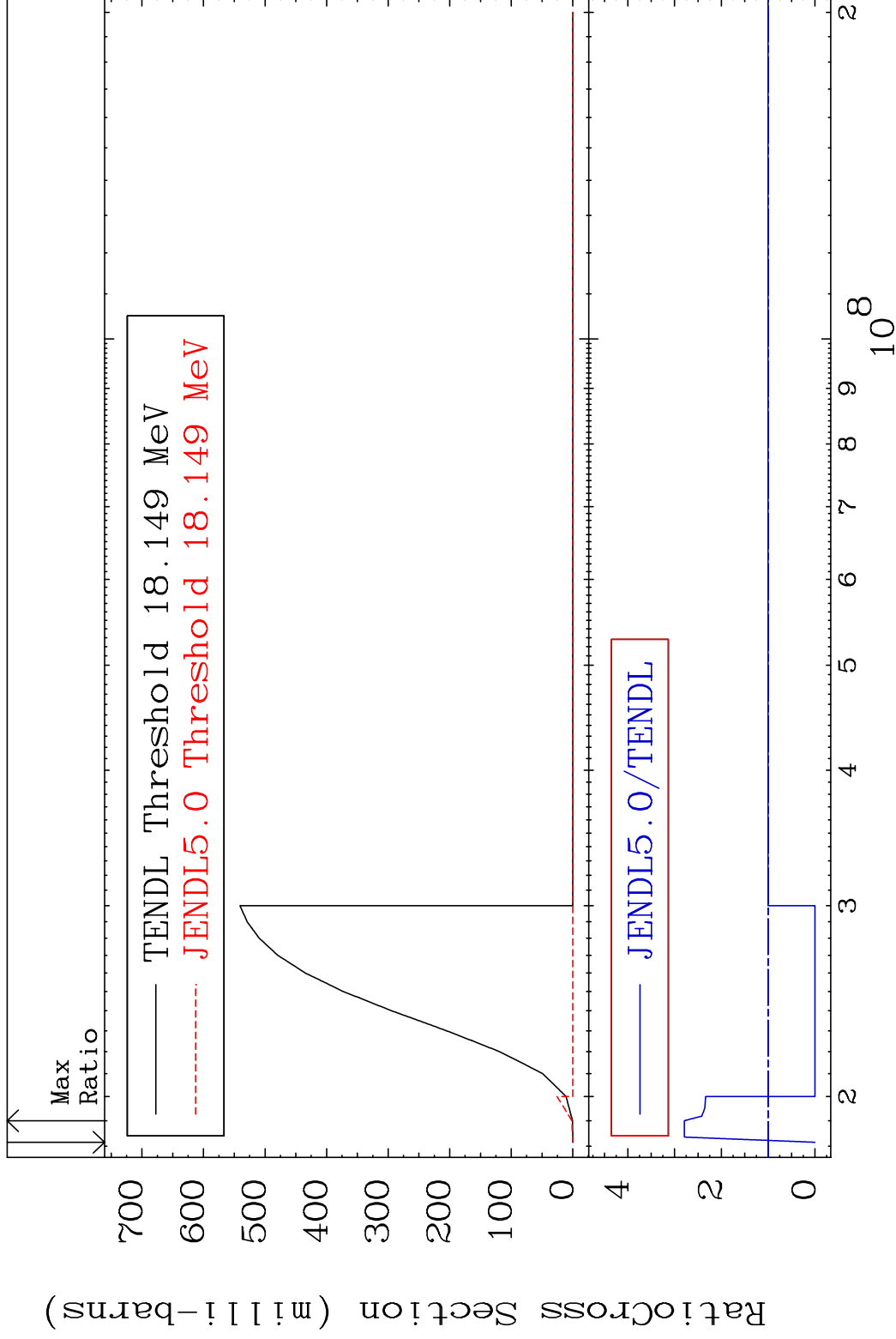


MAT 3437

(n,3n)

³⁴Se-78

Cross Section -100.0 To 179.2 %



6

Incident Energy (eV)

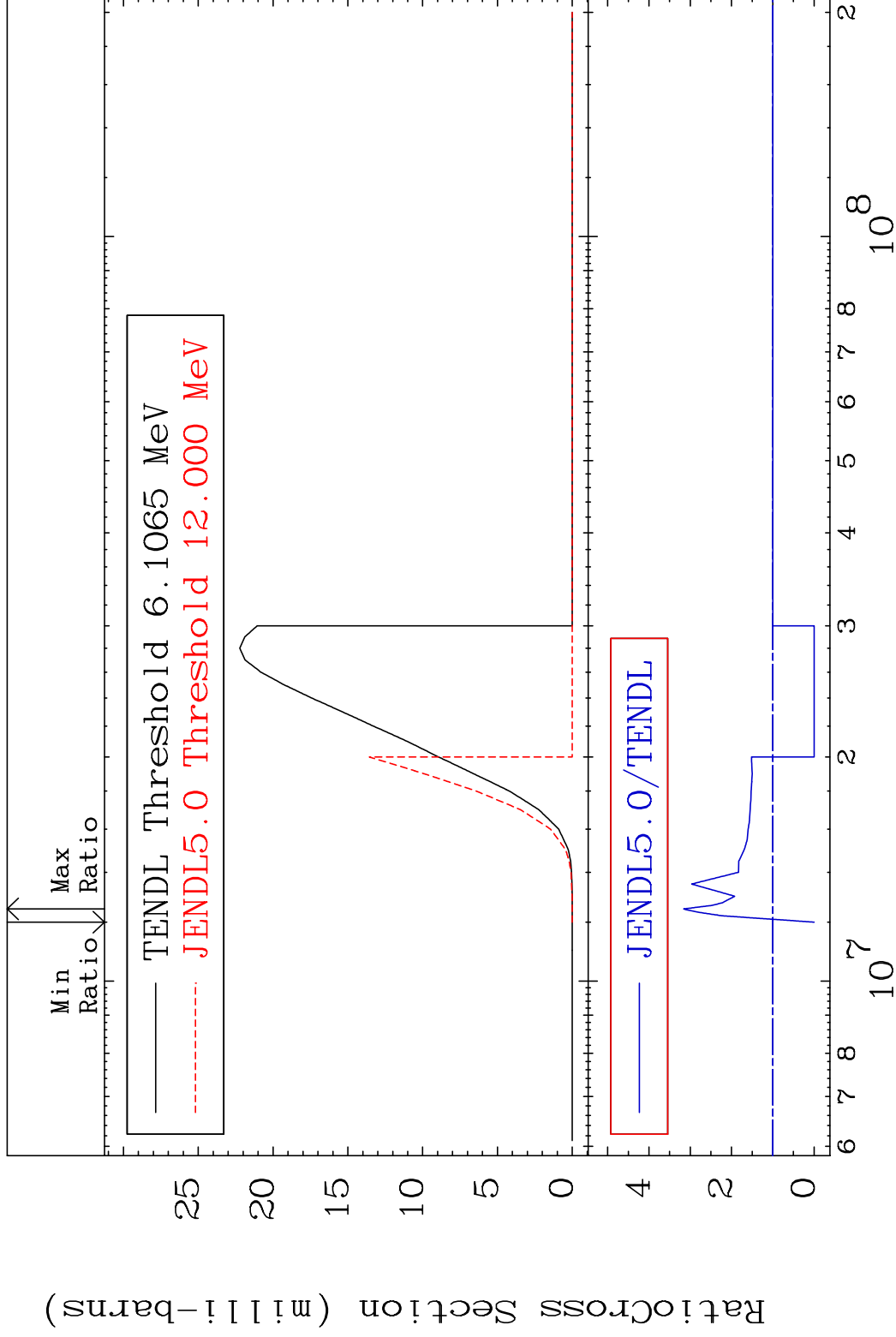
³⁴Se-78

MAT 3437

(n, n') α

34-Se-78

Cross Section -100.0 To 216.0 %



7

Incident Energy (eV)

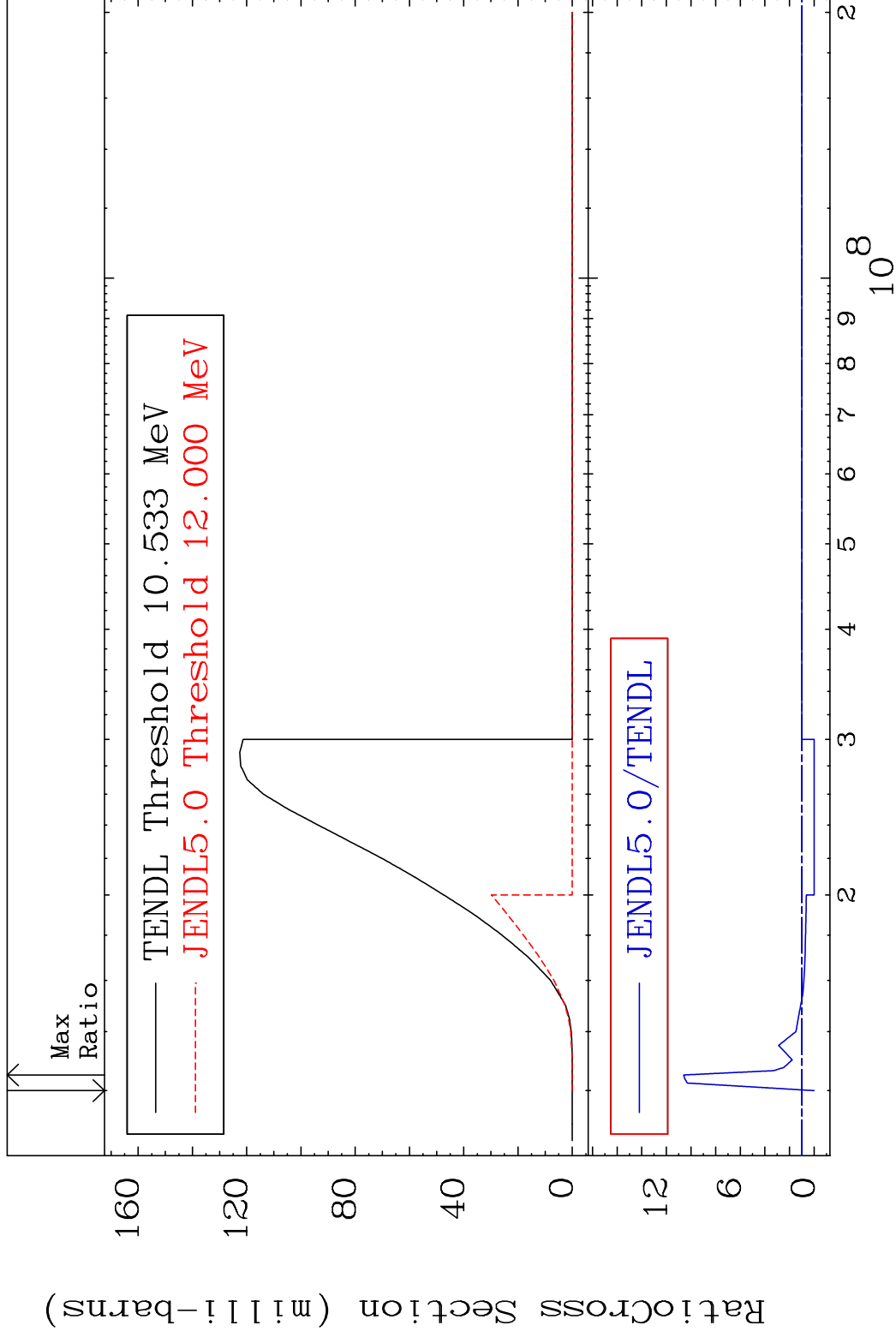
34-Se-78

MAT 3437

(n, n') p

³⁴Se-78

Cross Section -100.0 To 959.7 %

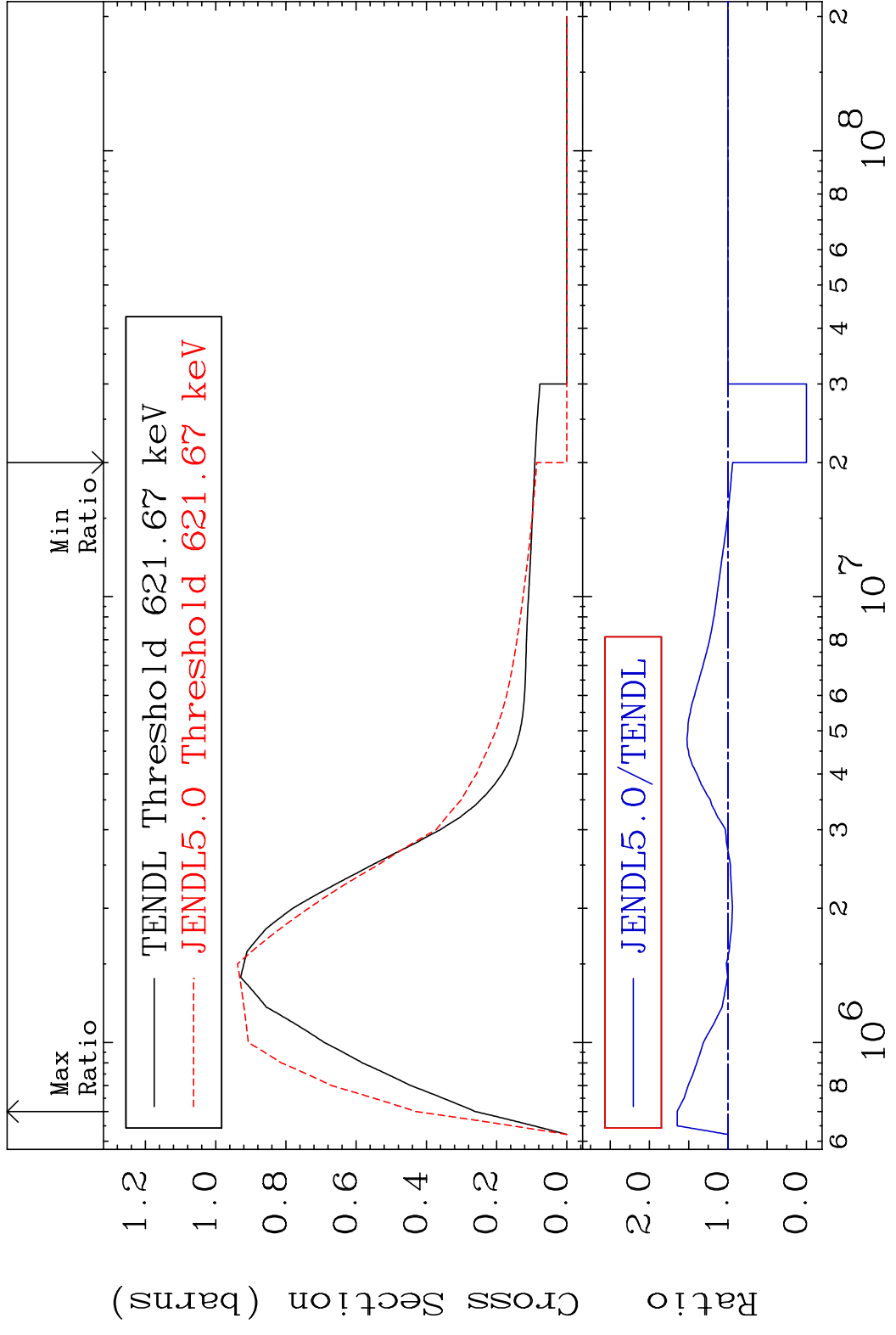


8

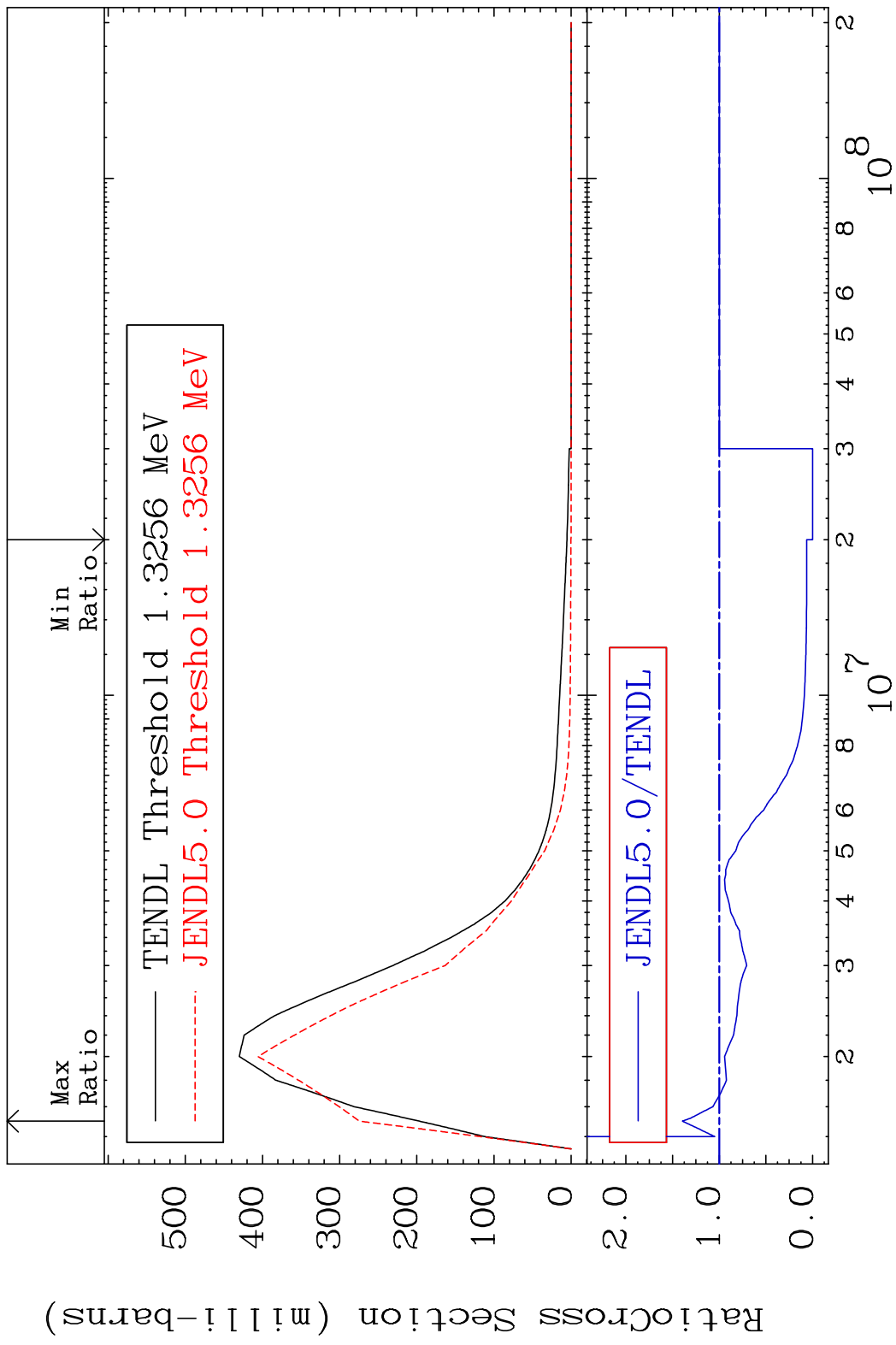
Incident Energy (eV)

³⁴Se-78

MAT 3437 MT= 51 (n, n') Level 34-Se-78
 Cross Section -100.0 To 64.66 %



MAT 3437 MT= 52 (n, n') Level 34-Se-78
 Cross Section -100.0 To 39.54 %

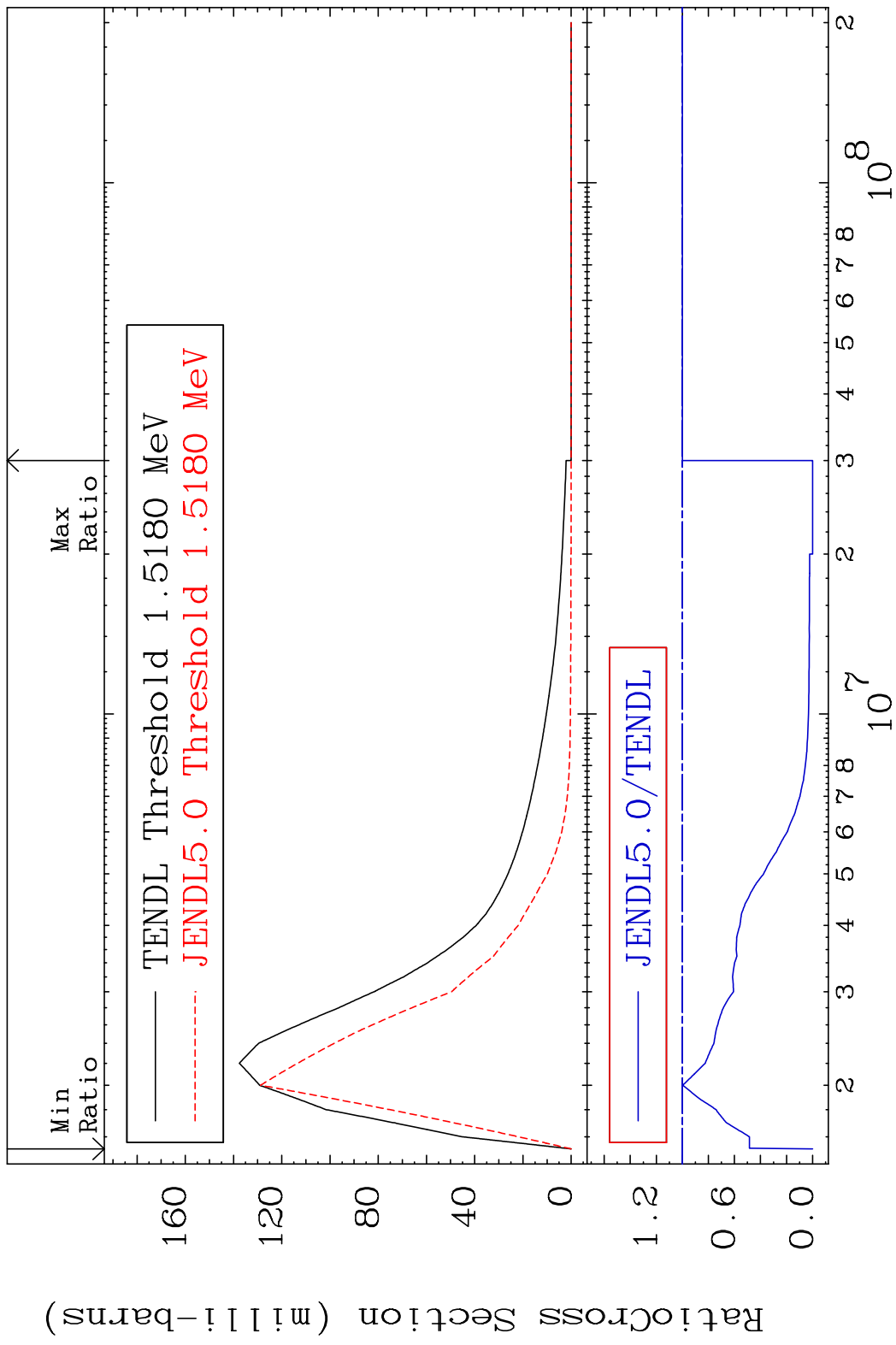


10

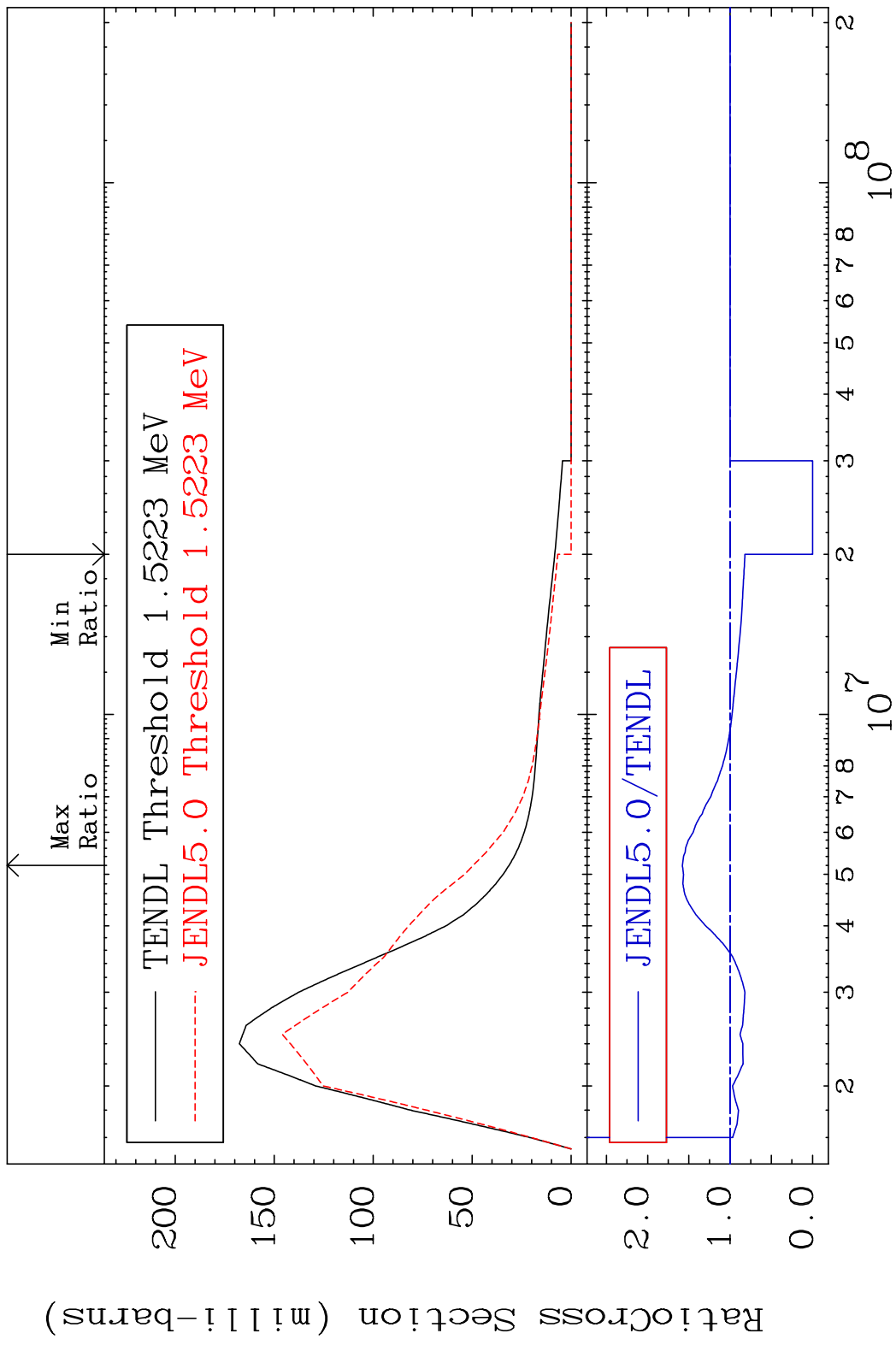
Incident Energy (eV)

34-Se-78

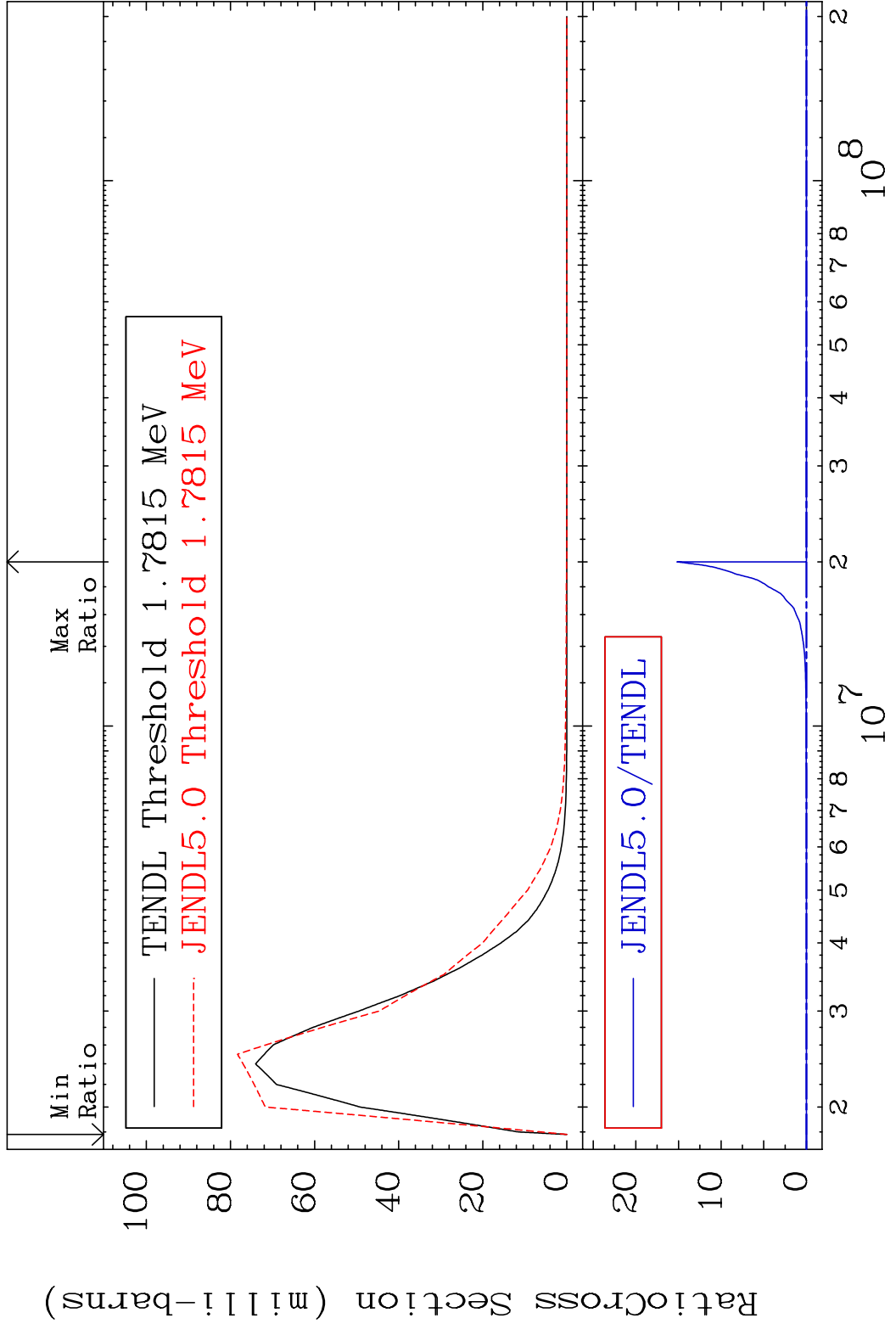
MAT 3437 MT= 53 (n, n') Level 34-Se-78
 Cross Section -100.0 To 0.000 %



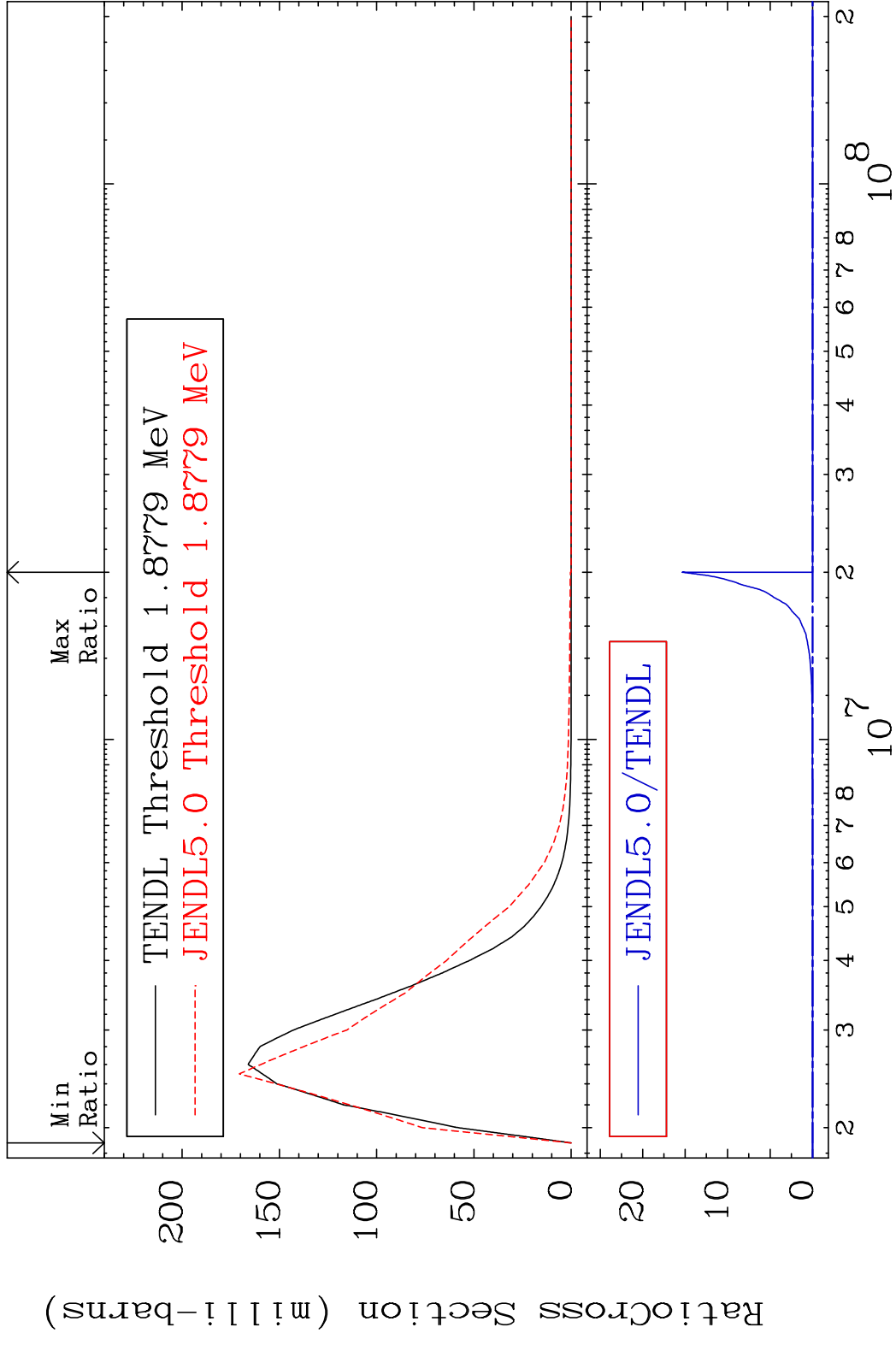
MAT 3437 MT= 54 (n, n') Level 34-Se-78
 Cross Section -100.0 To 57.90 %



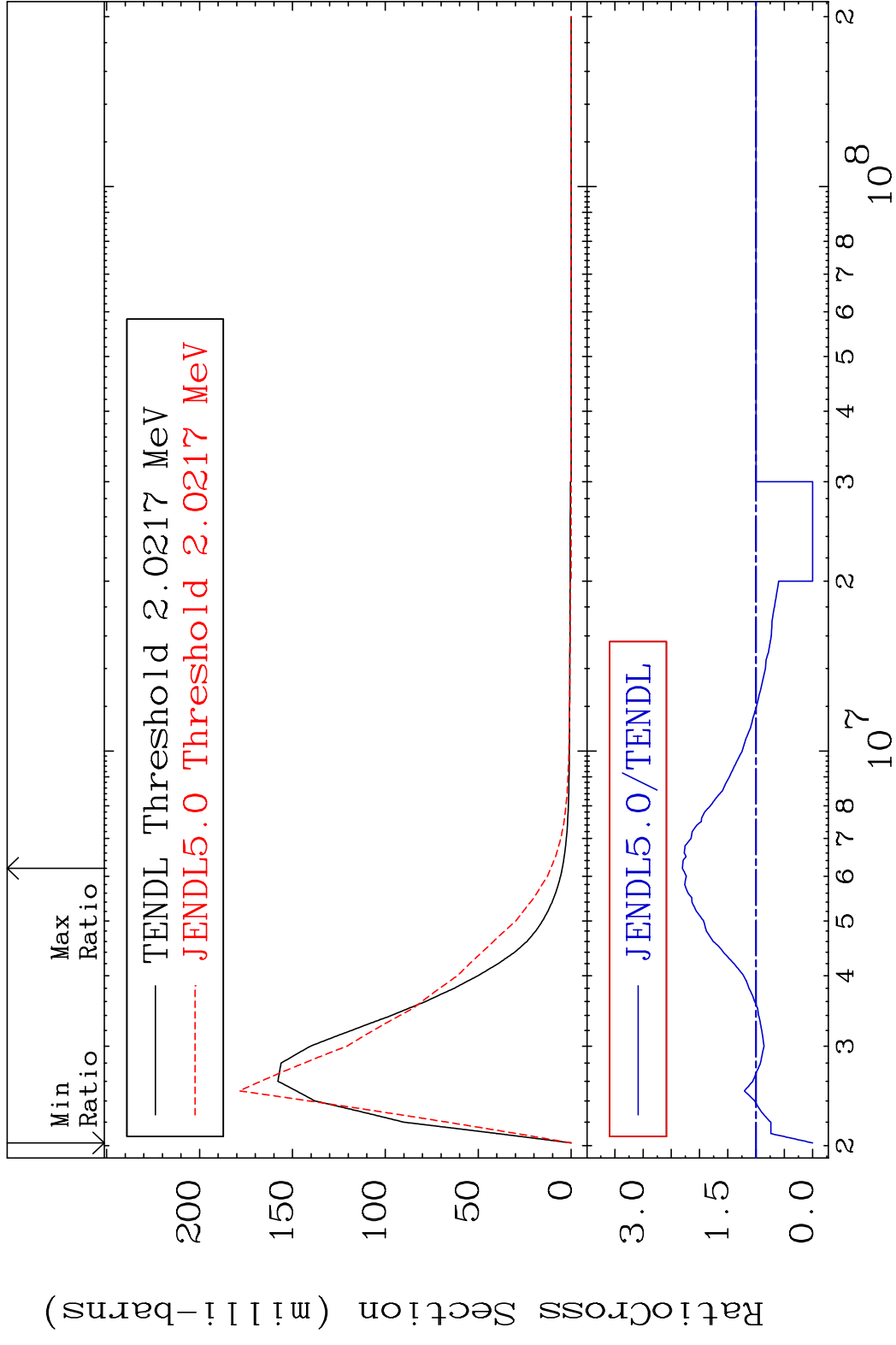
MAT 3437 MT= 55 (n, n') Level 34-Se-78
 Cross Section -100.0 To 9999. %



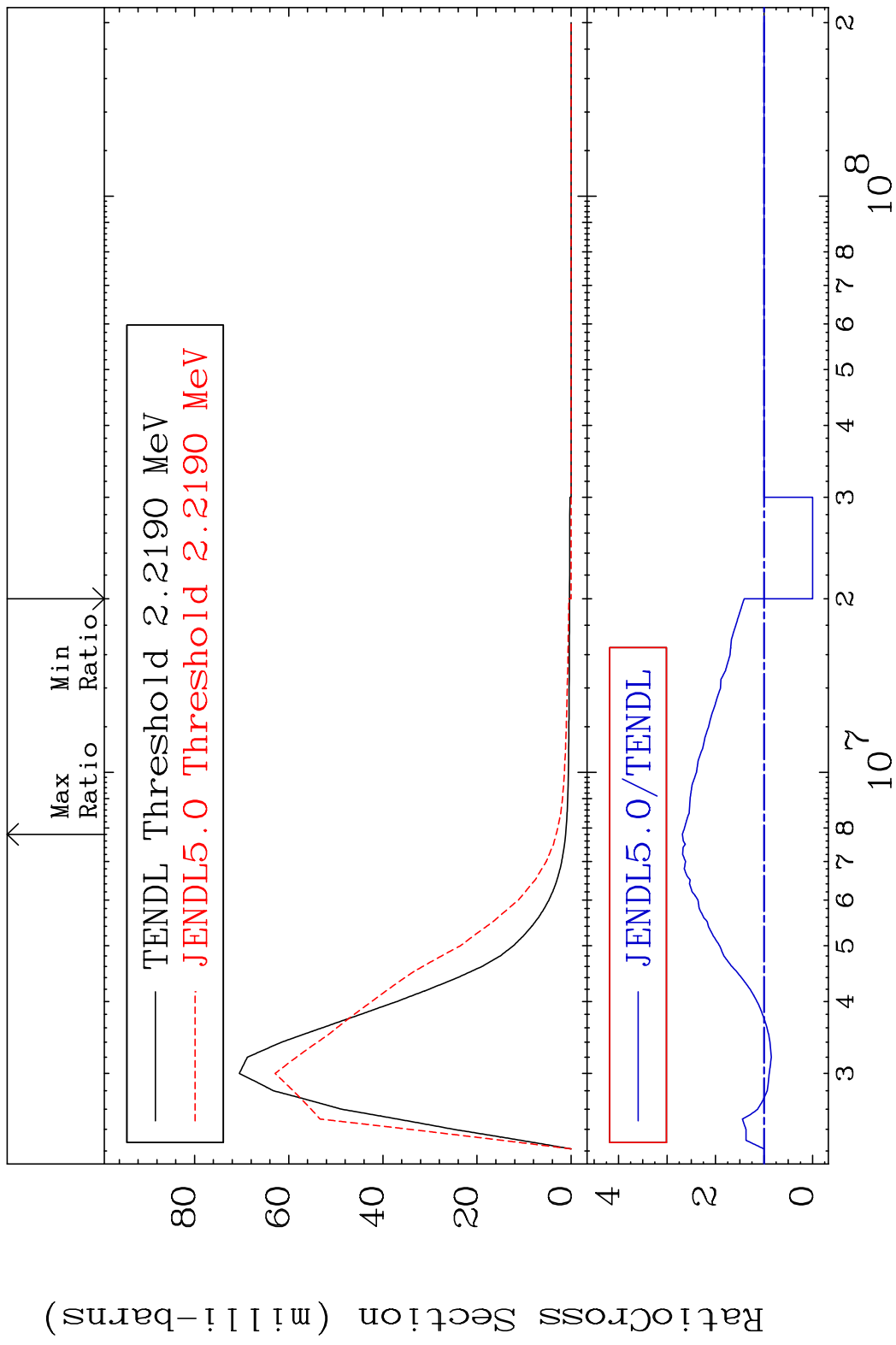
MAT 3437 MT= 56 (n, n') Level 34-Se-78
 Cross Section -100.0 To 9999. %



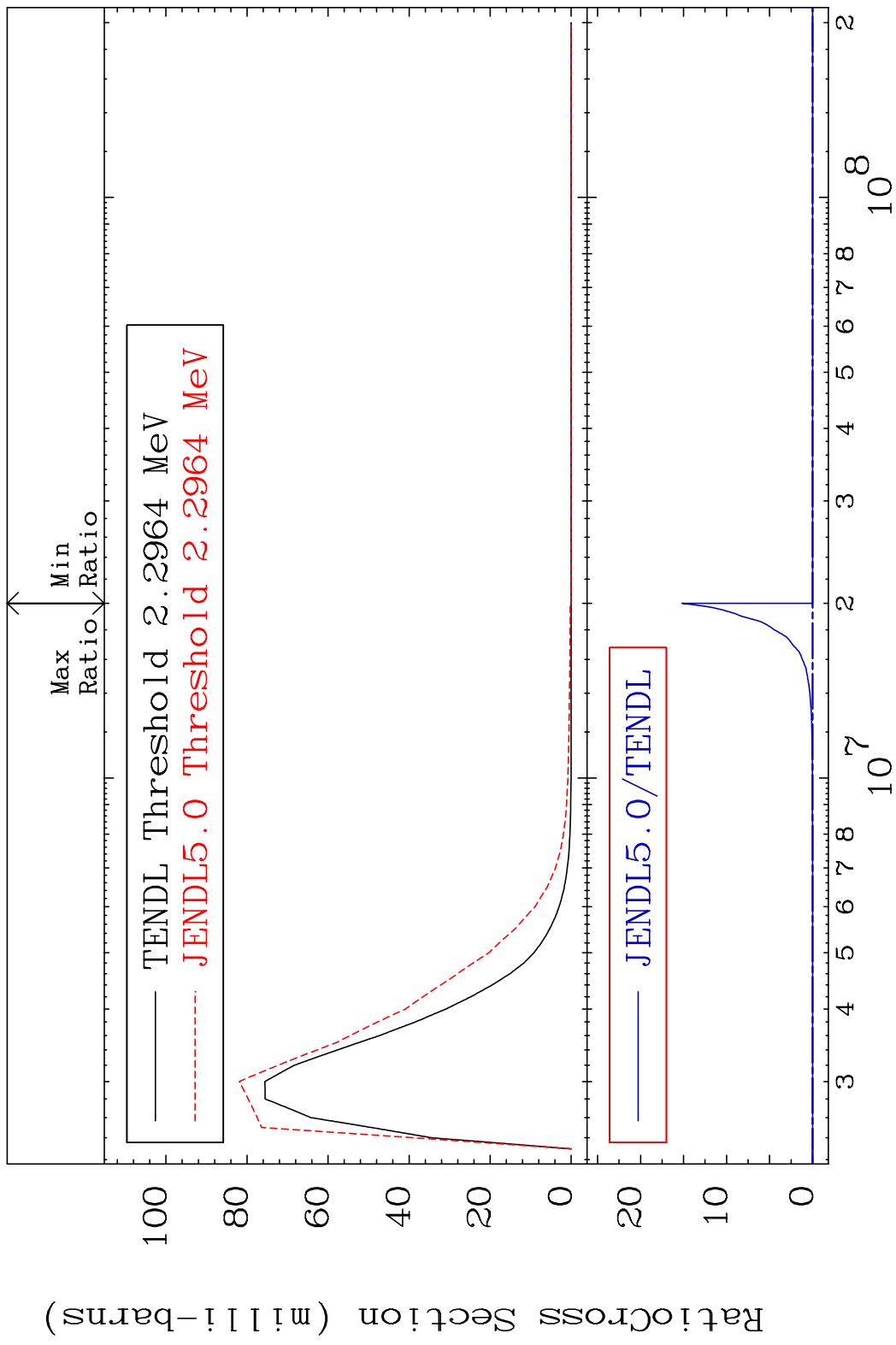
MAT 3437 MT= 57 (n,n') Level 34-Se-78
 Cross Section -100.0 To 130.5 %



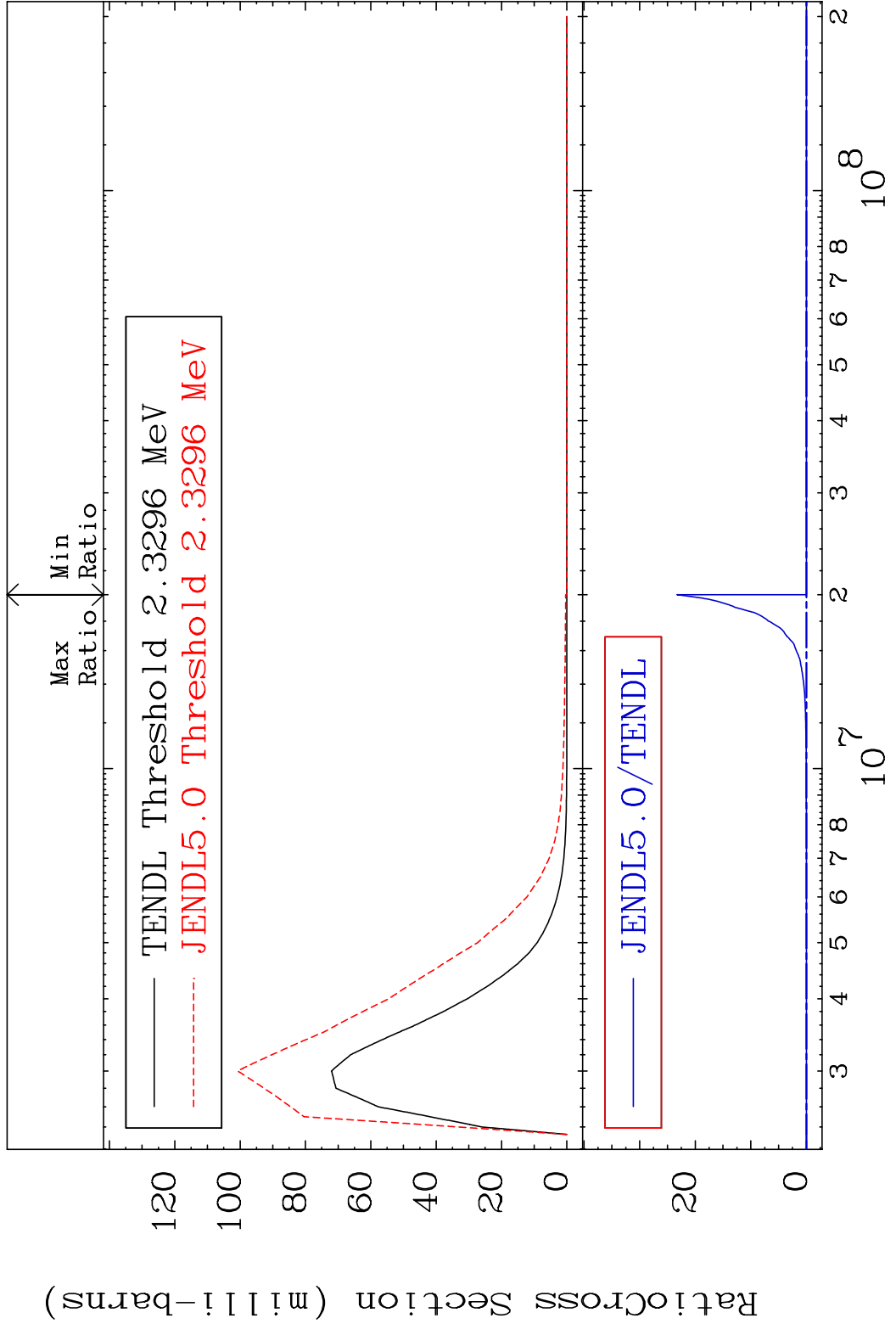
MAT 3437 MT= 58 (n,n') Level 34-Se-78
 Cross Section -100.0 To 168.4 %



MAT 3437 MT= 59 (n, n') Level 34-Se-78
 Cross Section -100.0 To 9999. %



MAT 3437 MT= 60 (n, n') Level 34-Se-78
 Cross Section -100.0 To 9999. %

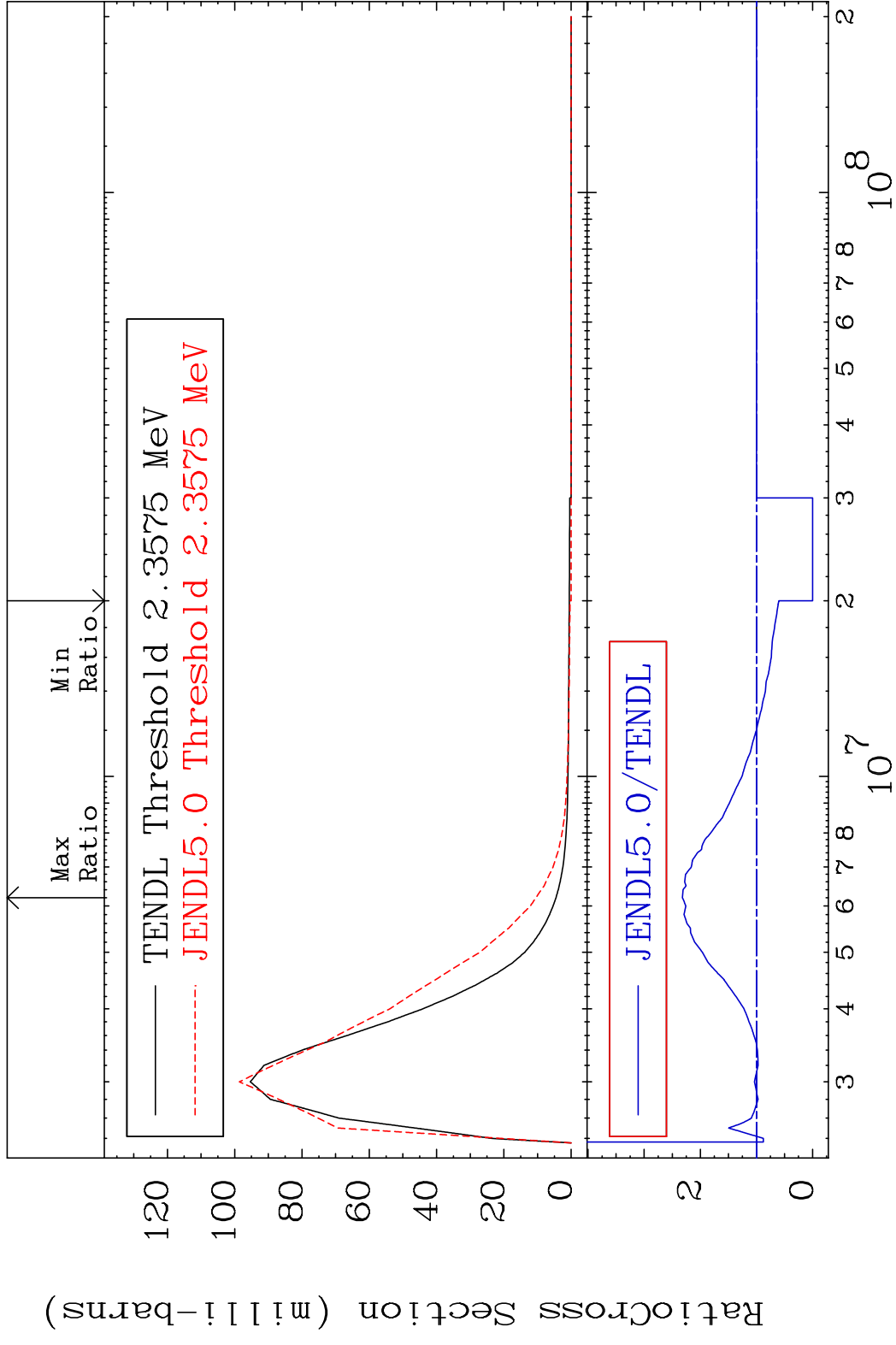


MAT 3437

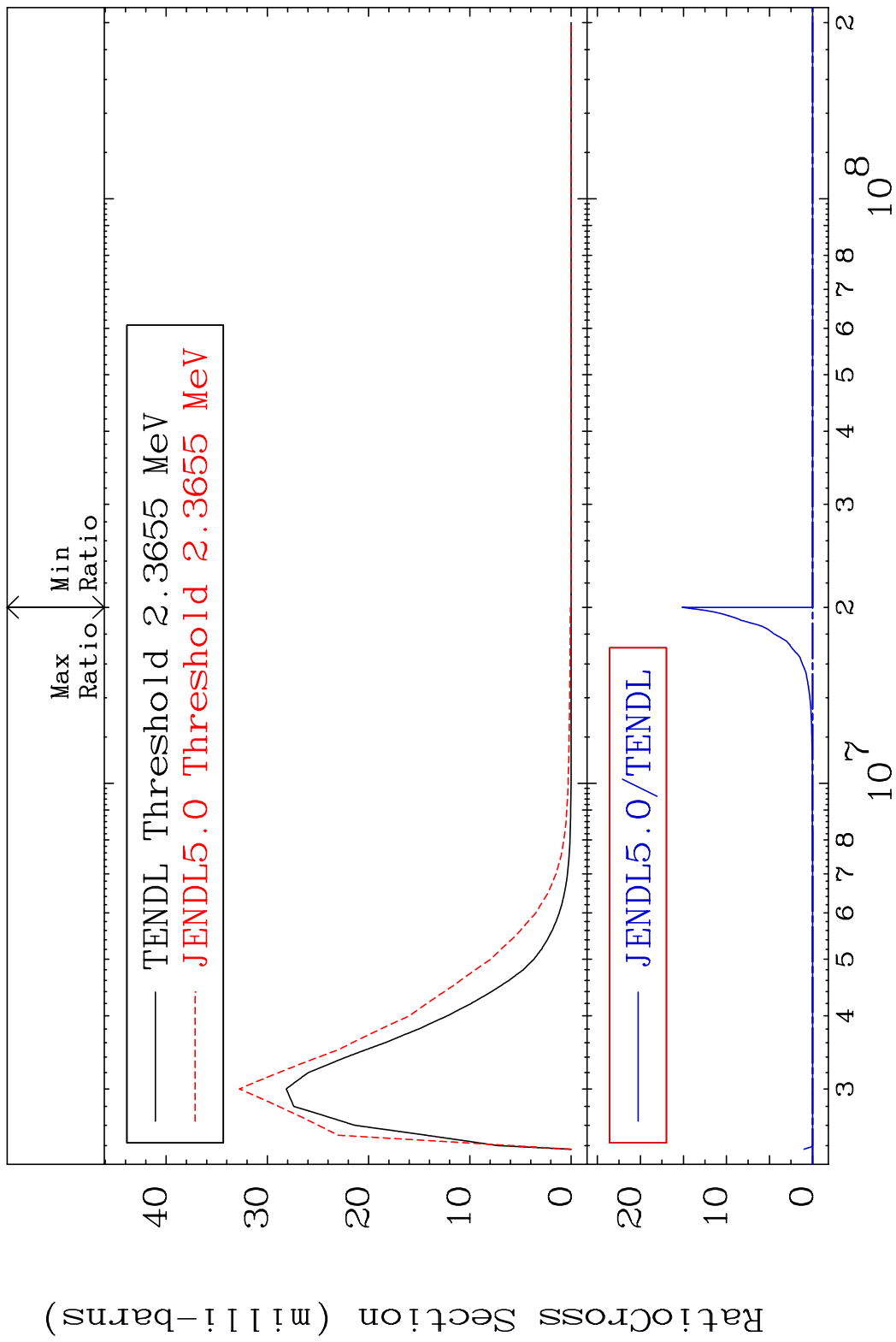
MT= 61 (n,n') Level

34-Se-78

Cross Section -100.0 To 132.0 %



MAT 3437 MT= 62 (n, n') Level 34-Se-78
 Cross Section -100.0 To 9999. %

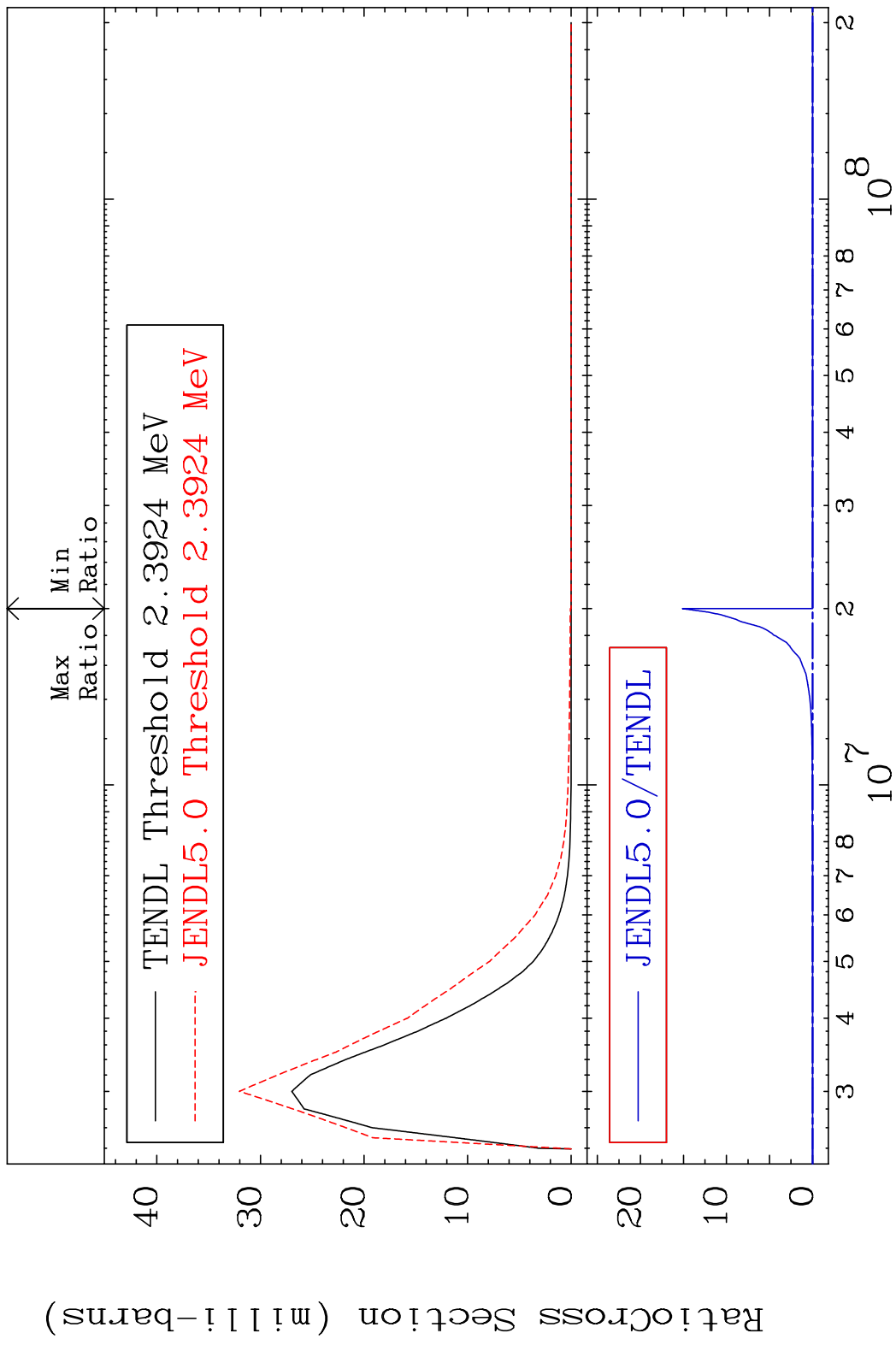


20

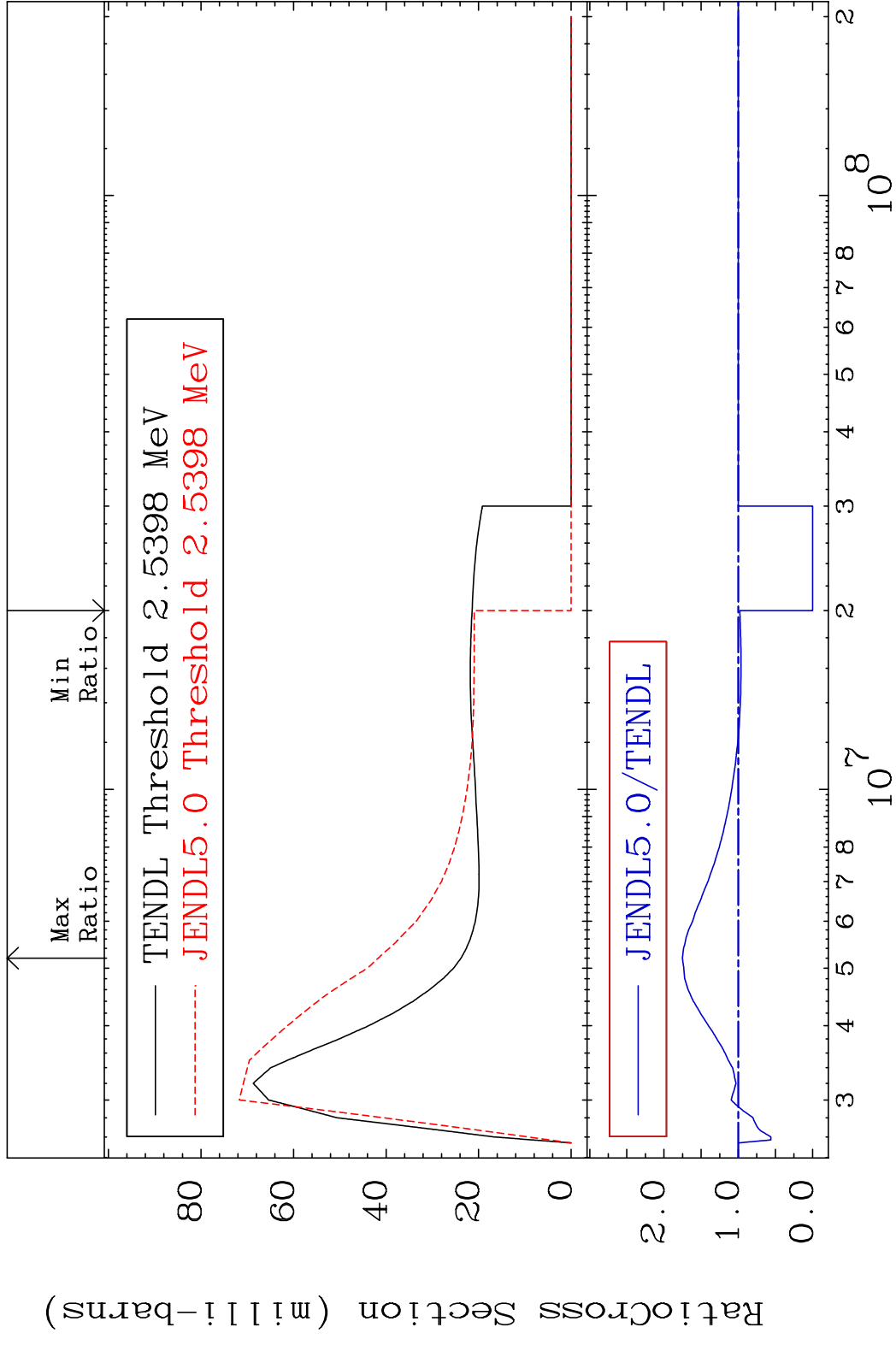
Incident Energy (eV)

34-Se-78

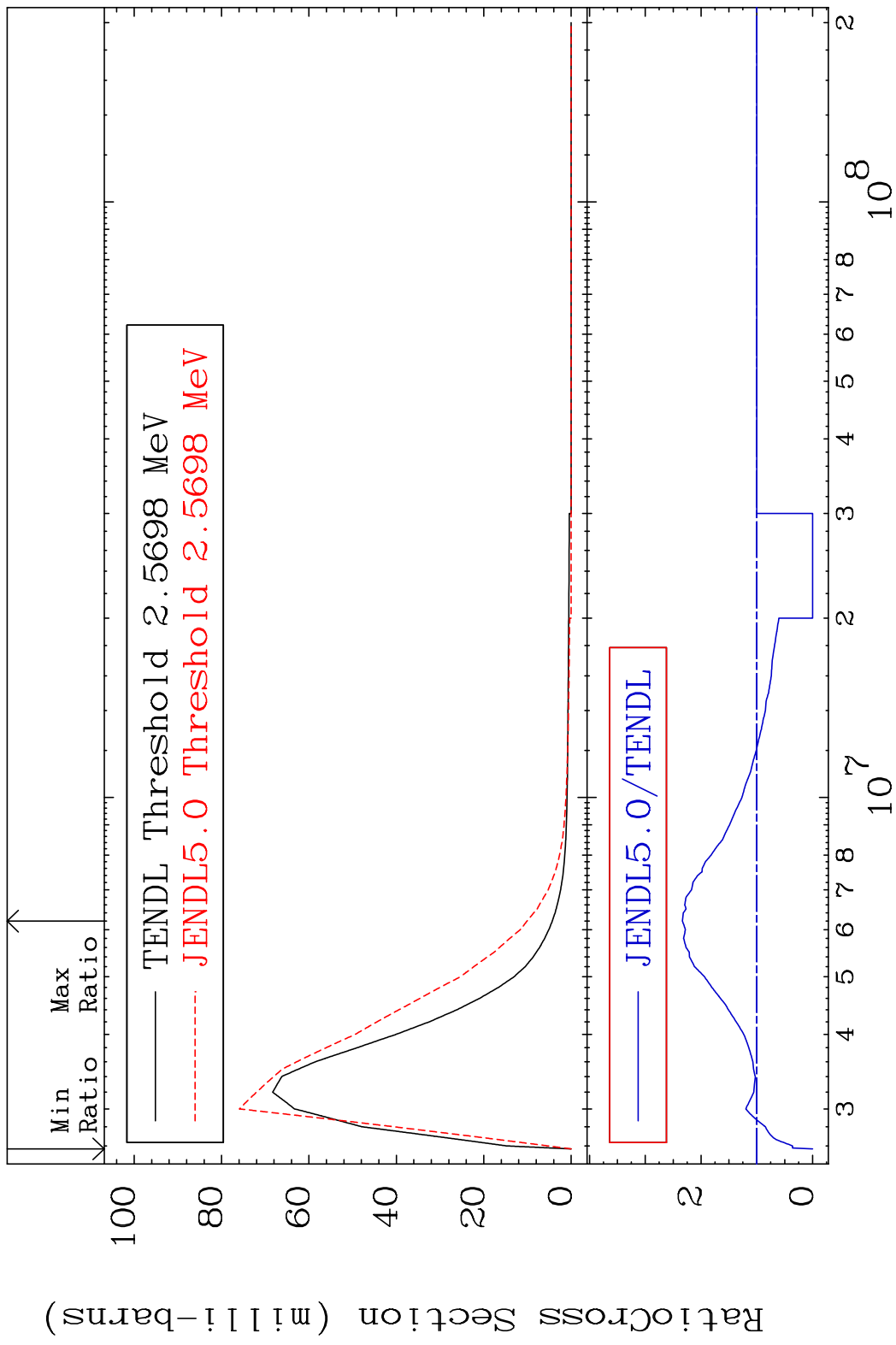
MAT 3437 MT= 63 (n, n') Level 34-Se-78
 Cross Section -100.0 To 9999. %



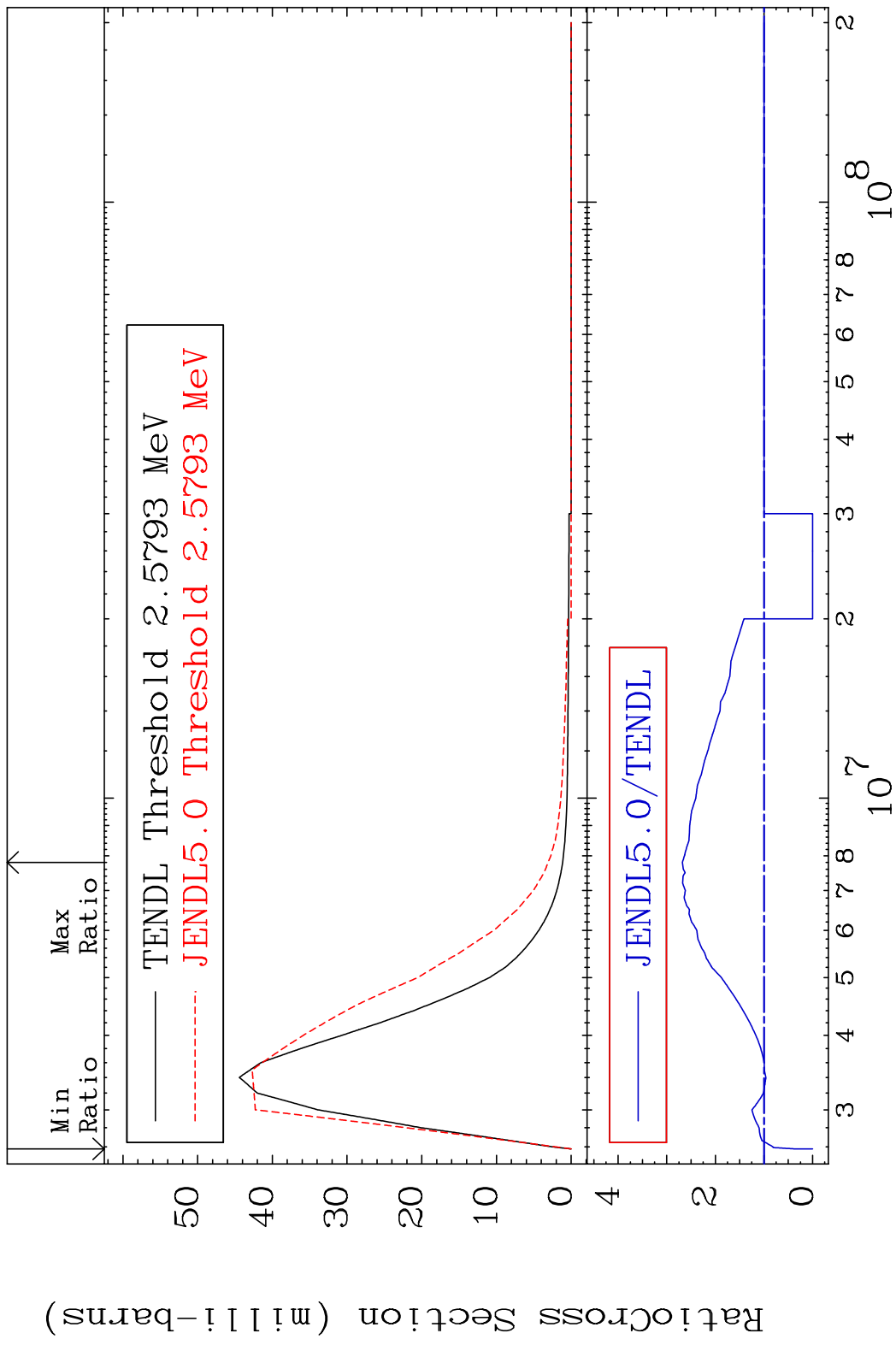
MAT 3437 MT= 64 (n, n') Level 34-Se-78
 Cross Section -100.0 To 75.27 %



MAT 3437 MT= 65 (n,n') Level 34-Se-78
 Cross Section -100.0 To 133.5 %



MAT 3437 MT= 66 (n,n') Level 34-Se-78
 Cross Section -100.0 To 167.9 %

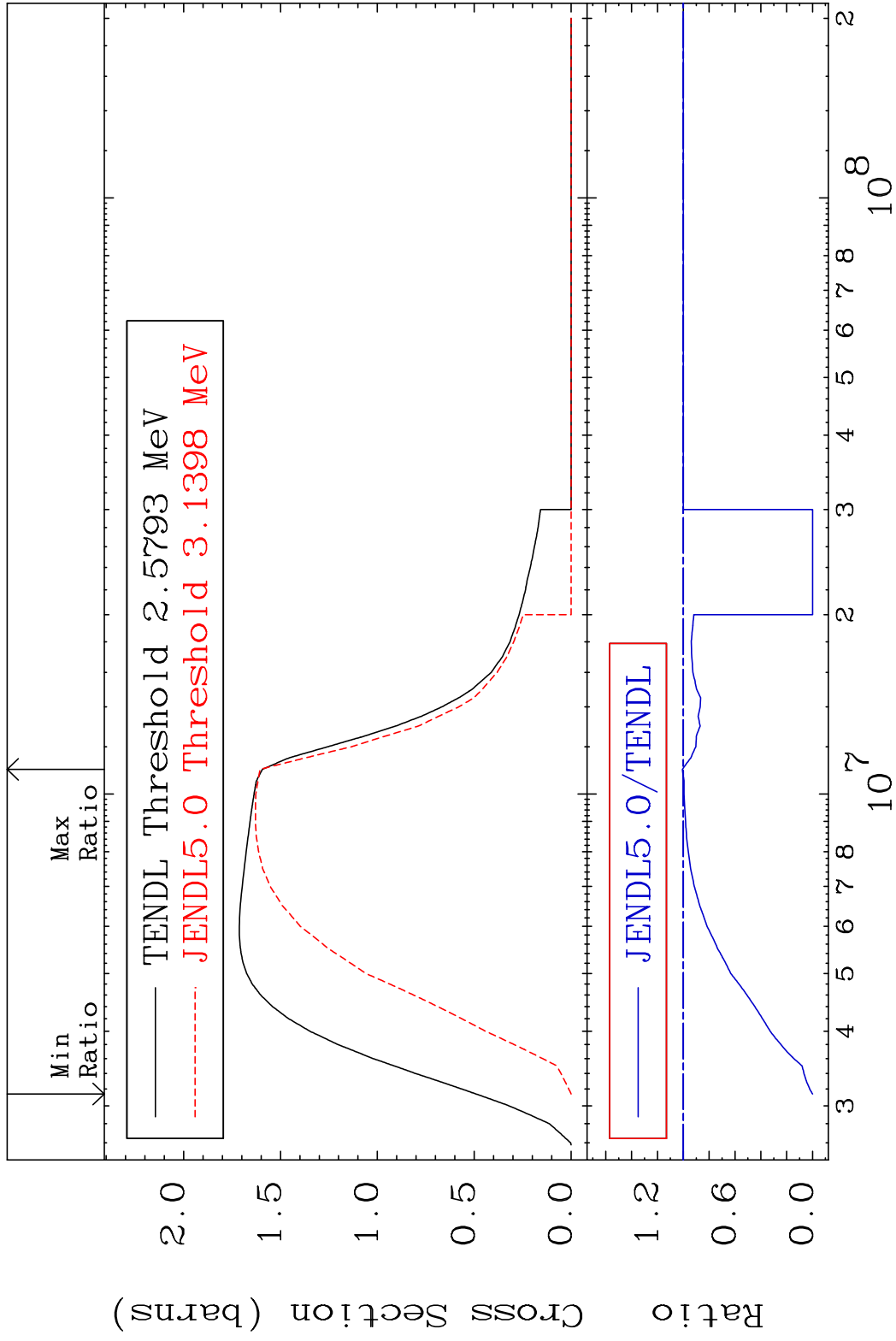


MAT 3437

(n,n') Continuum

³⁴Se-78

Cross Section -100.0 To 0.733 %



25

Incident Energy (eV)

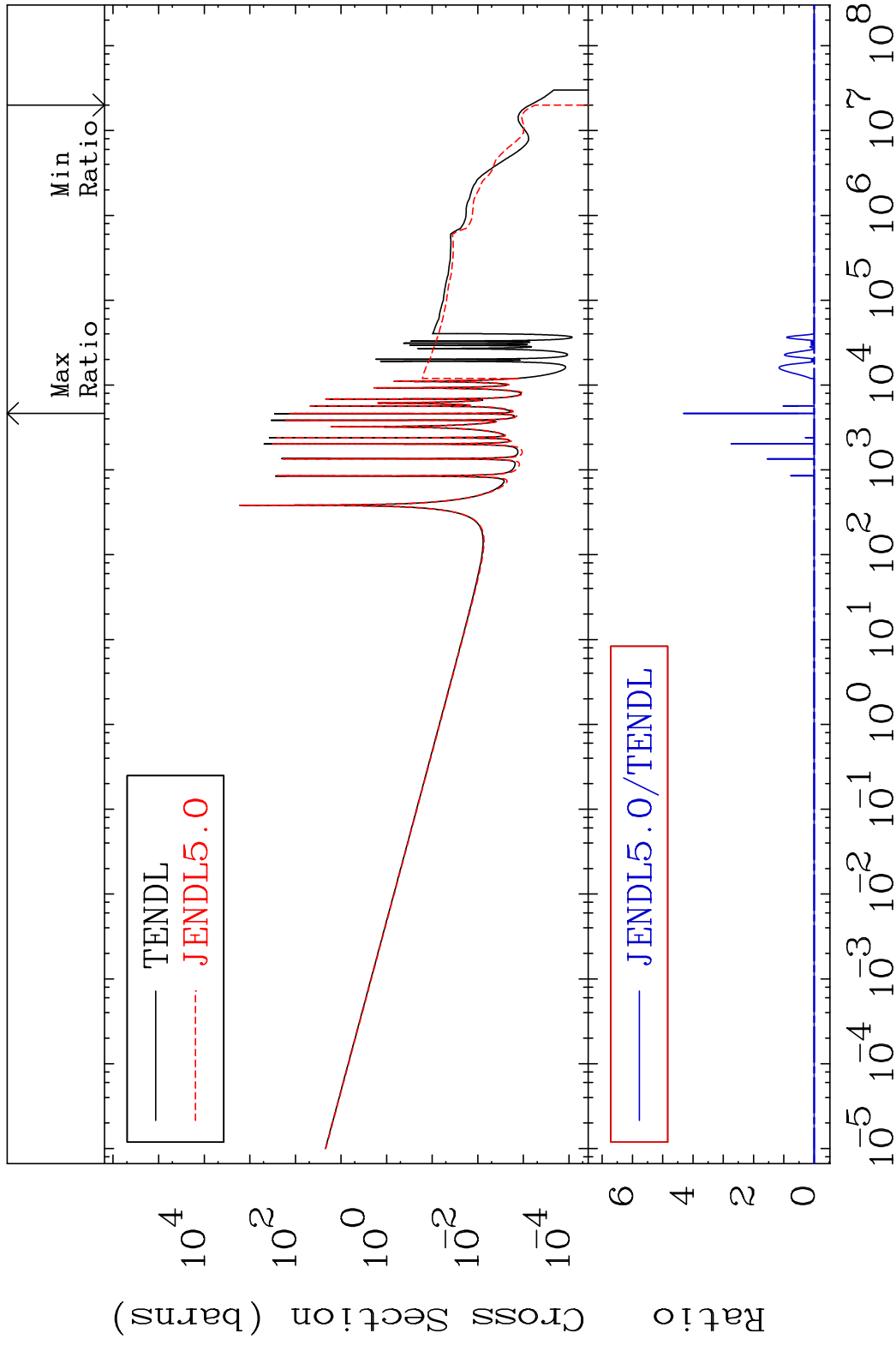
³⁴Se-78

MAT 3437

(n, γ)

34-Se-78

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

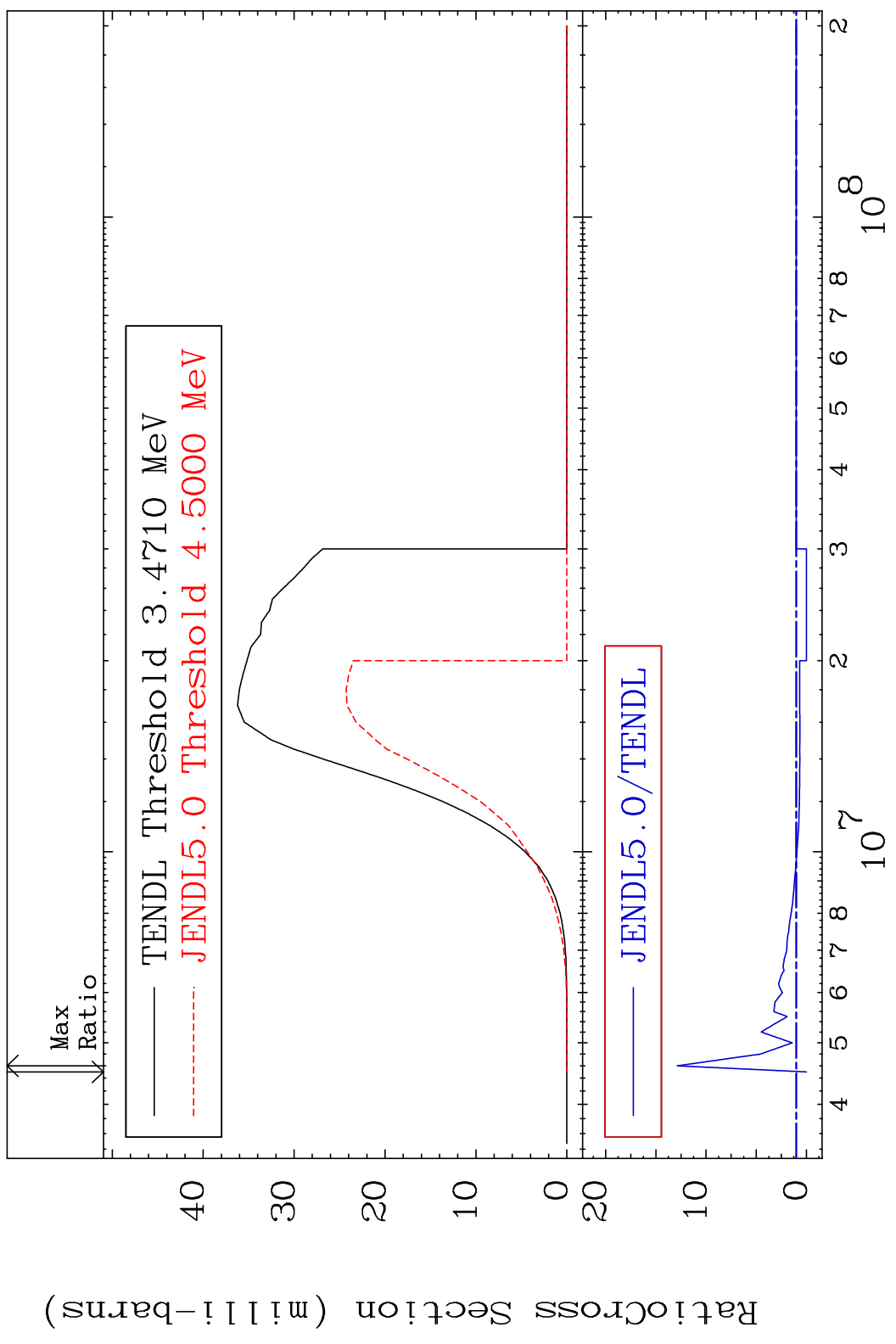
34-Se-78

MAT 3437

(n,p)

34-Se-78

Cross Section -100.0 To 1188. %

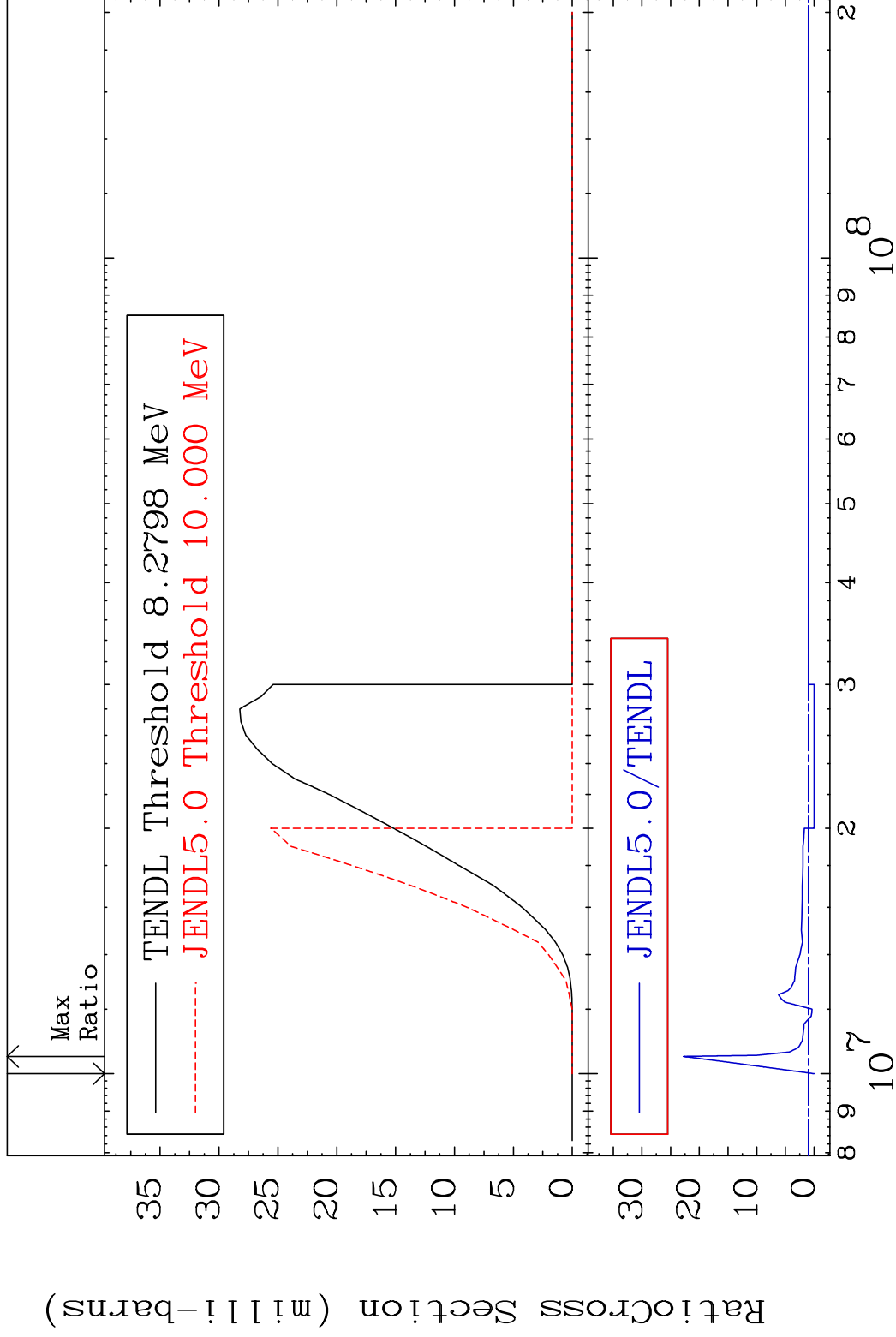


MAT 3437

(n,d)

³⁴Se-78

Cross Section -100.0 To 2173. %



28

Incident Energy (eV)

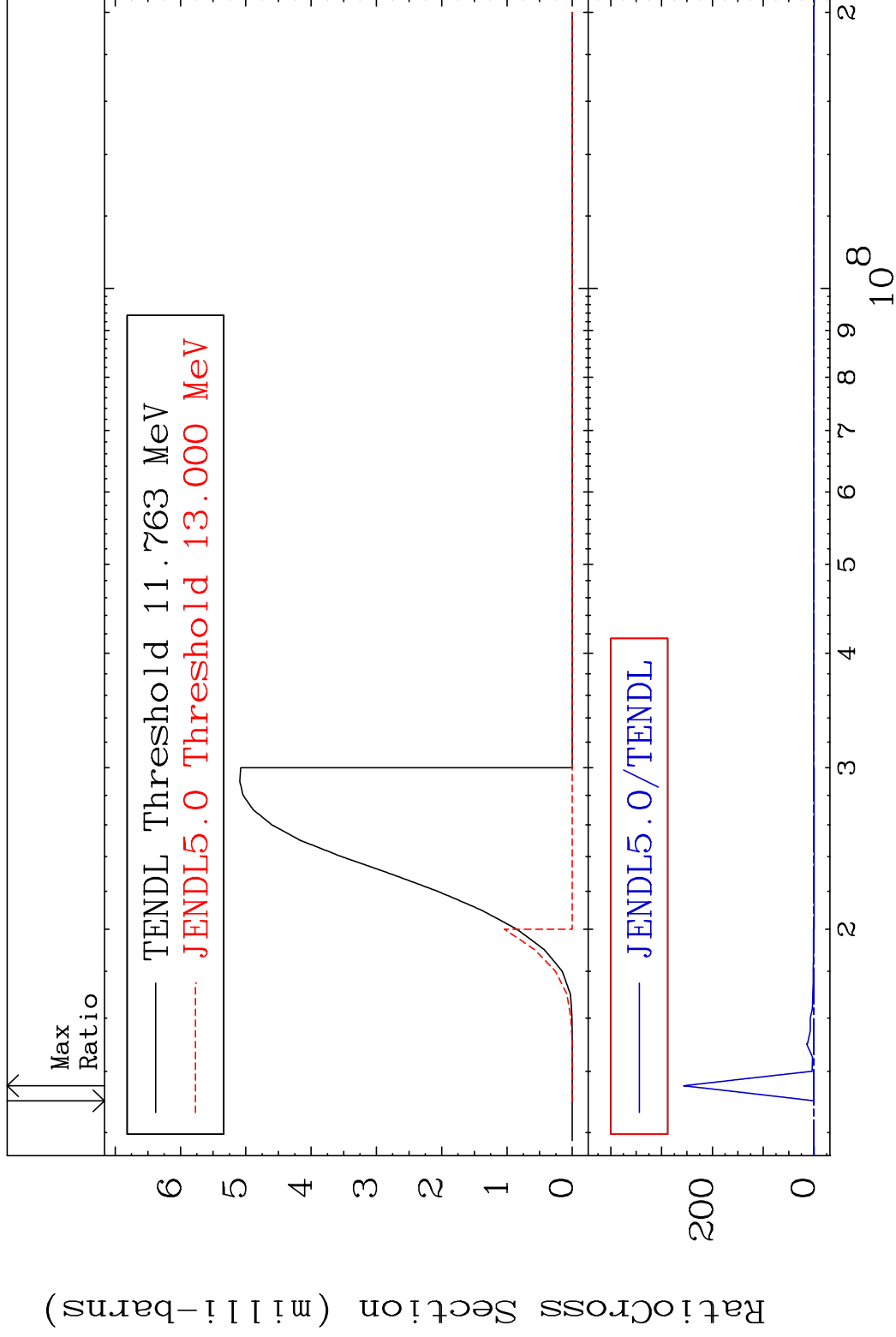
³⁴Se-78

MAT 3437

(n, t)

34-Se-78

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

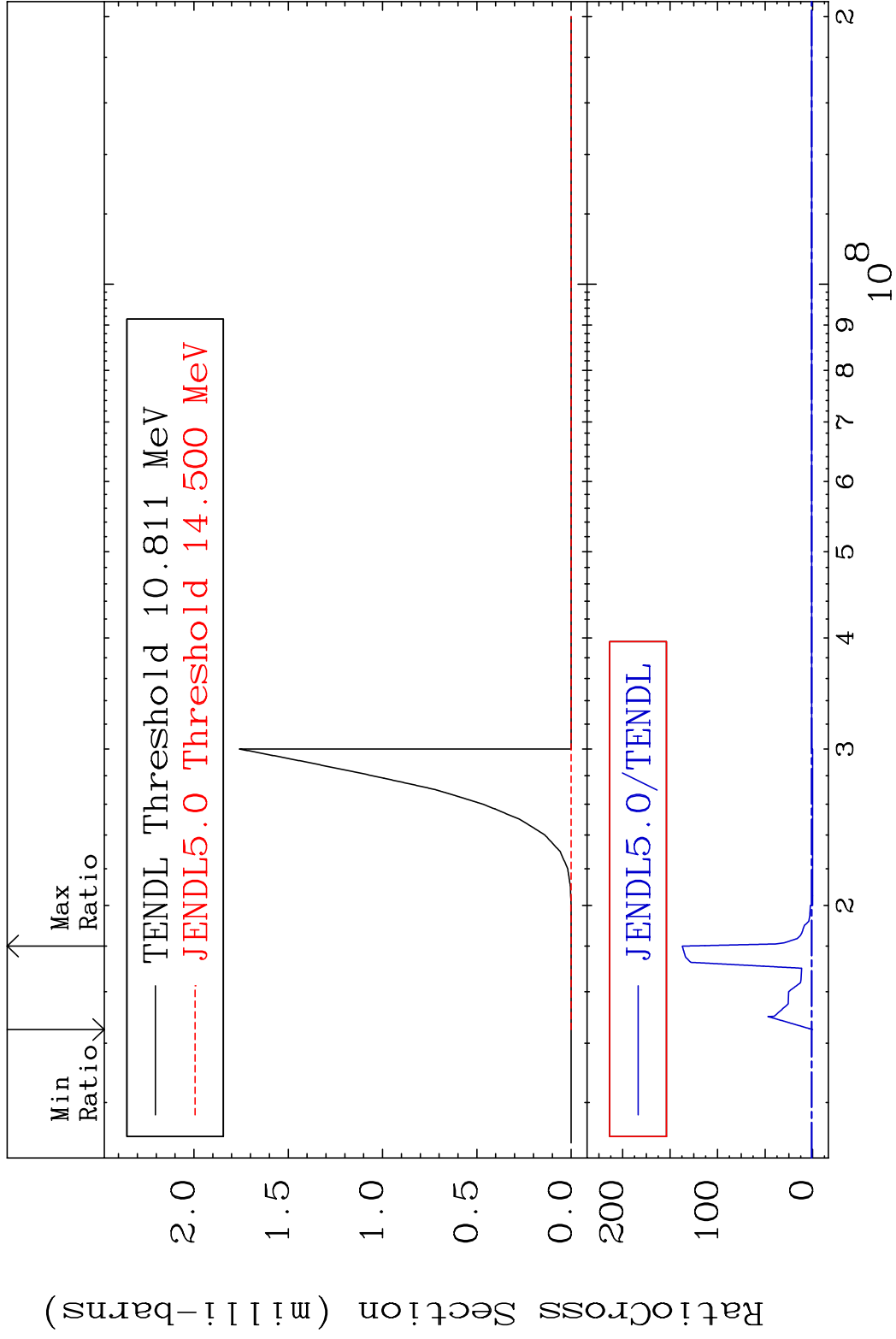
34-Se-78

MAT 3437

(n, He-3)

34-Se-78

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

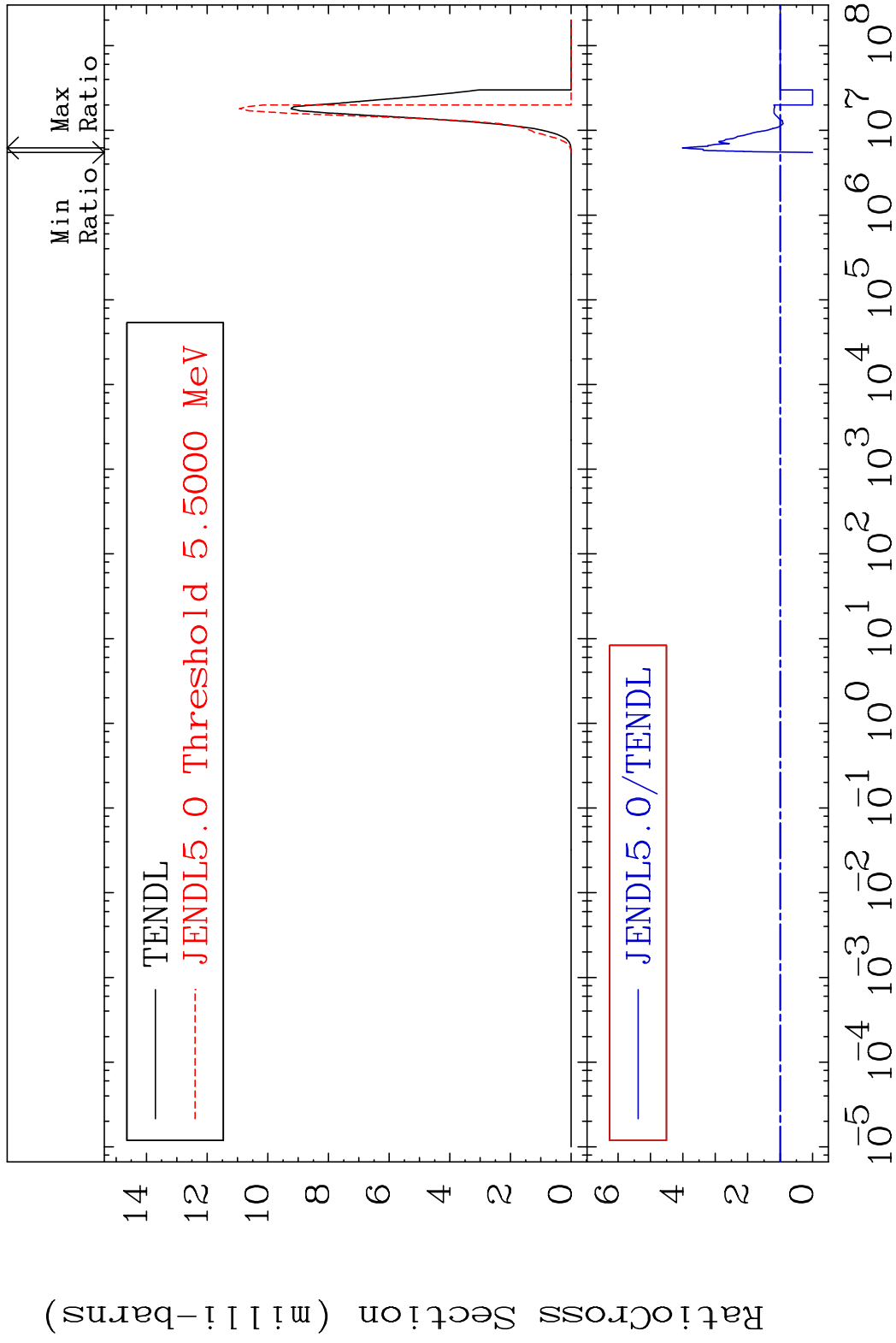
34-Se-78

MAT 3437

(n, α)

34-Se-78

Cross Section -100.0 To 301.6 %



31

Incident Energy (eV)

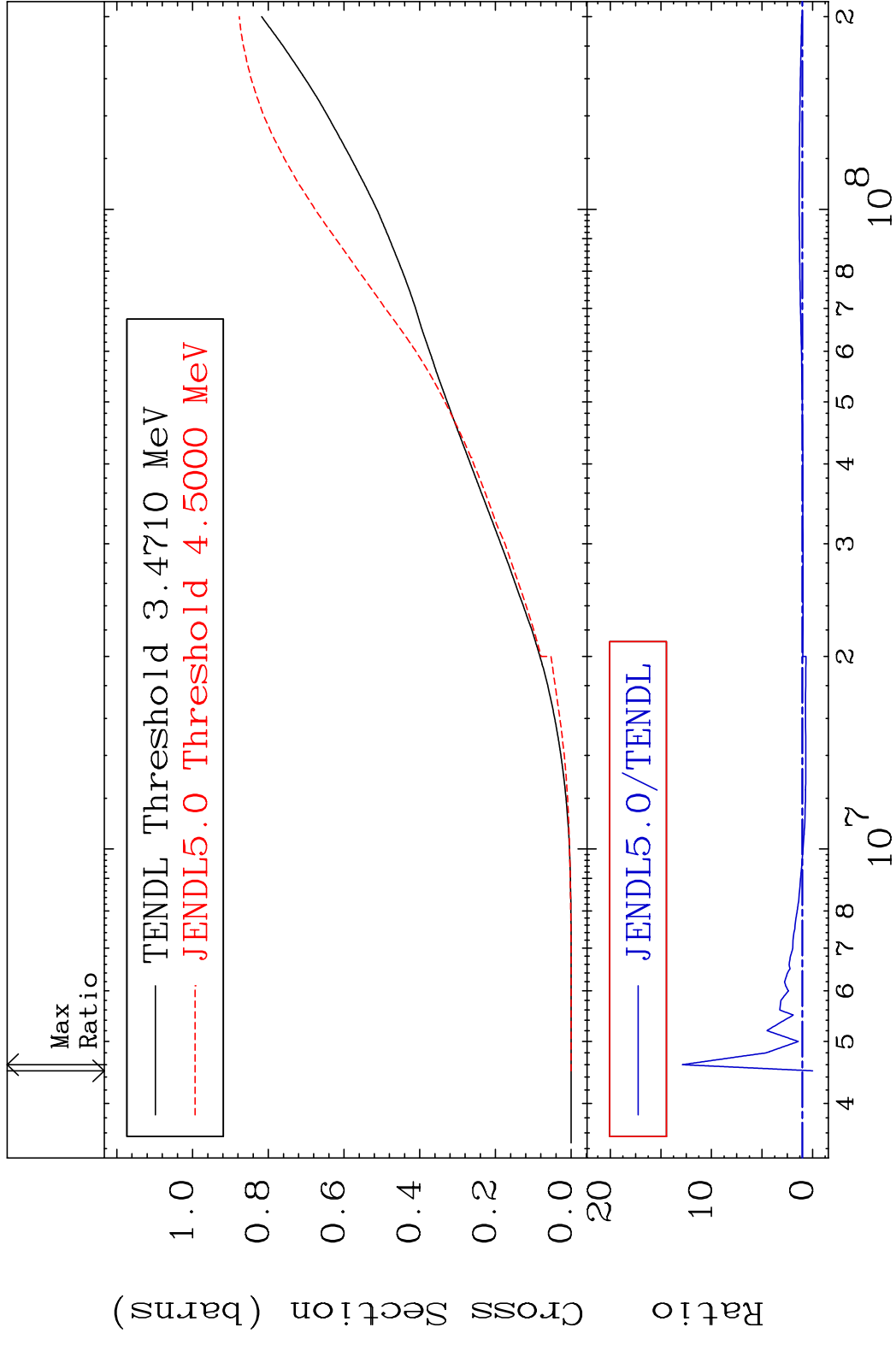
34-Se-78

MAT 3437

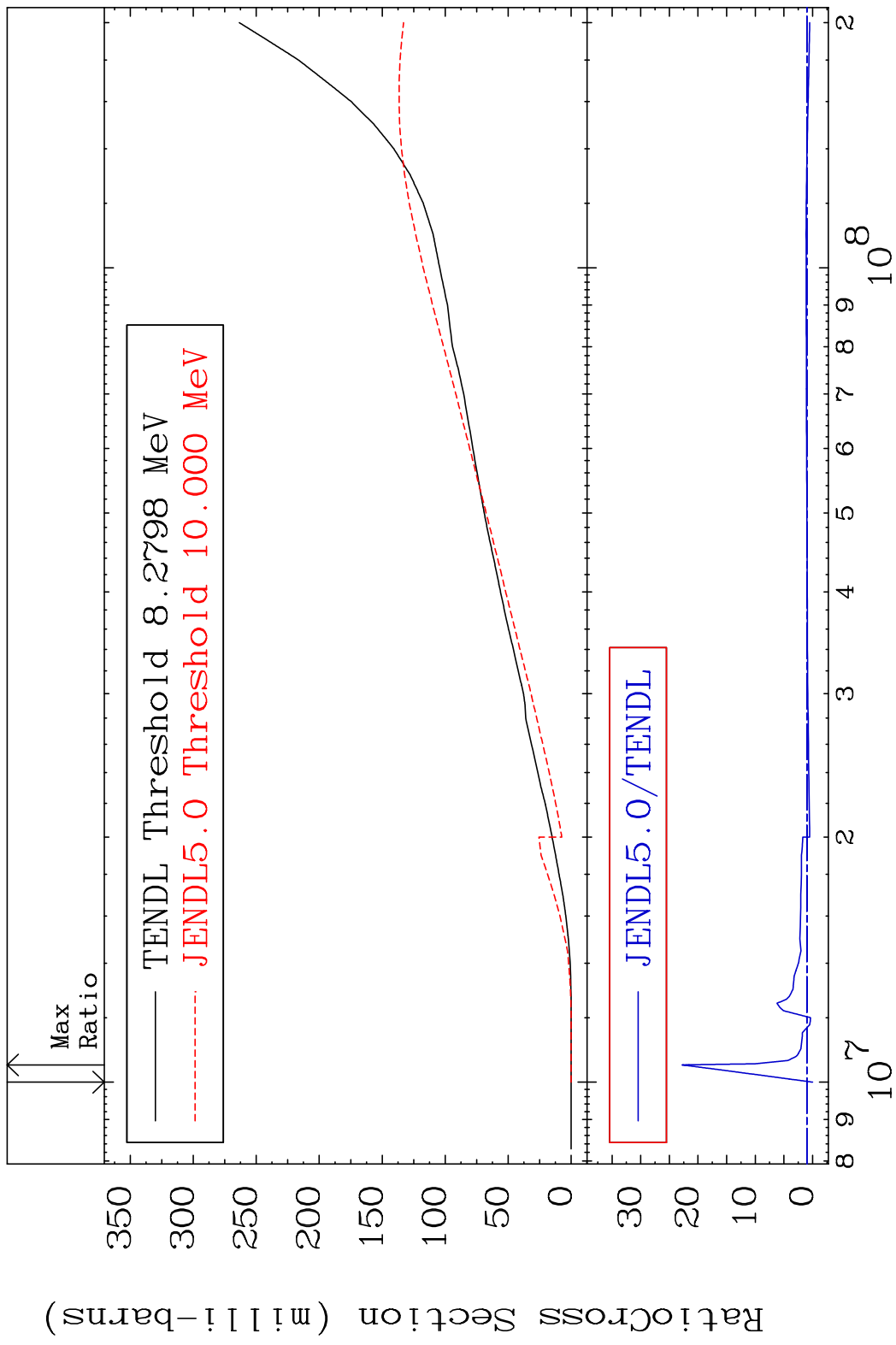
Hydrogen Production

34-Se-78

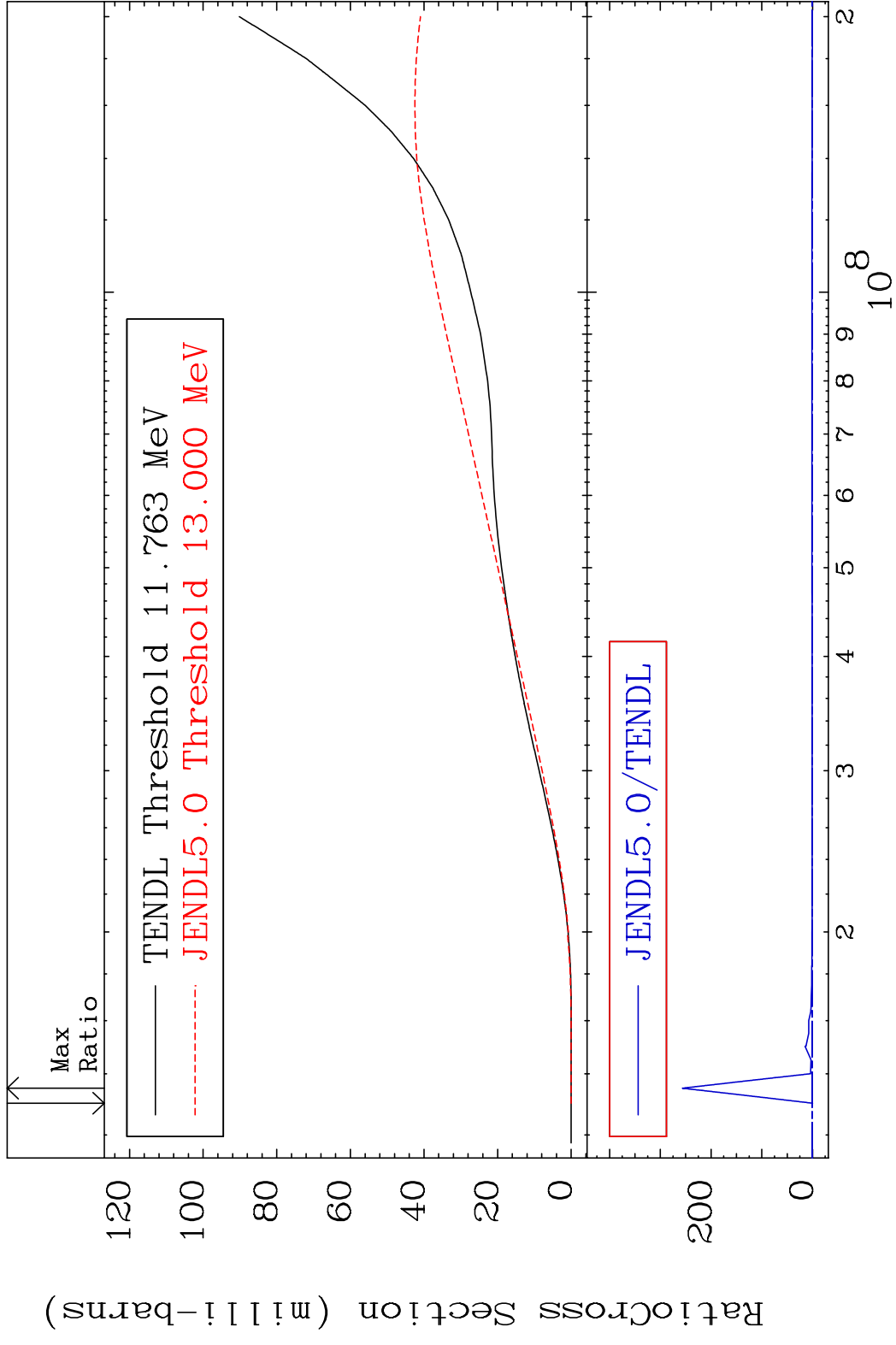
Cross Section -100.0 To 1188. %



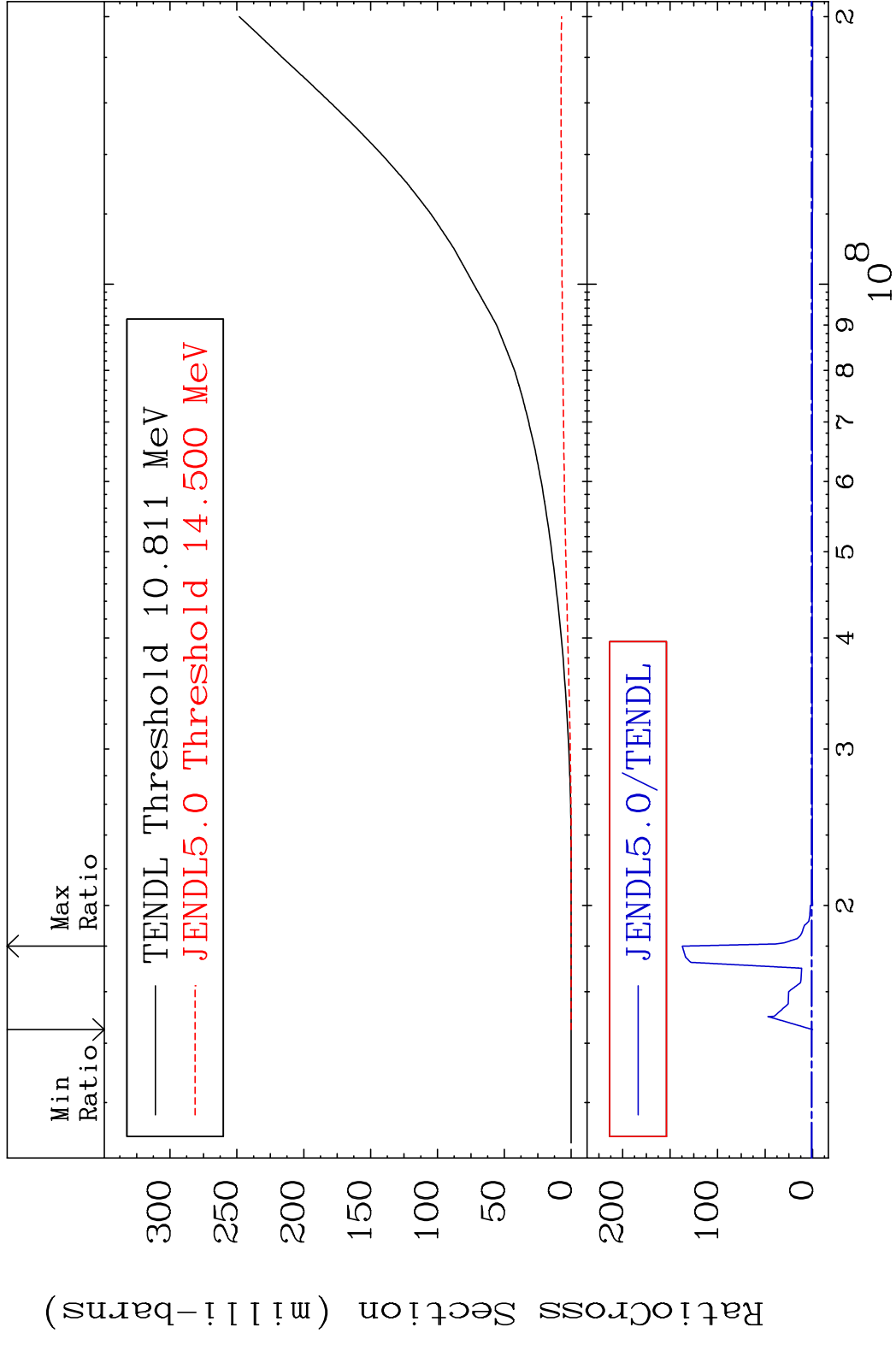
MAT 3437 Deuterium Production ³⁴Se-78
 Cross Section -100.0 To 2173. %



MAT 3437 Tritium Production 34-Se-78
 Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

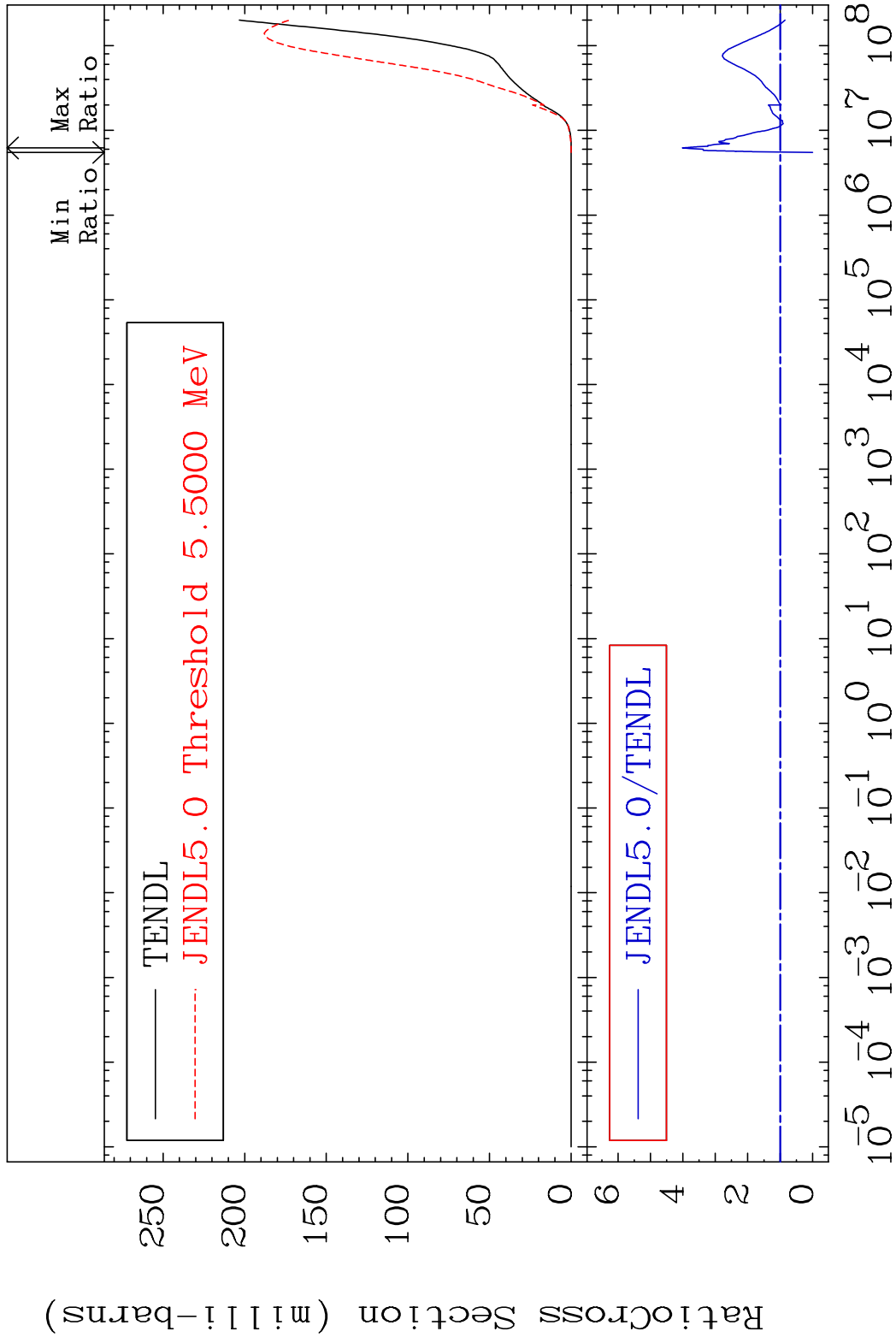


MAT 3437

He-4 Production

34-Se-78

Cross Section -100.0 To 301.6 %



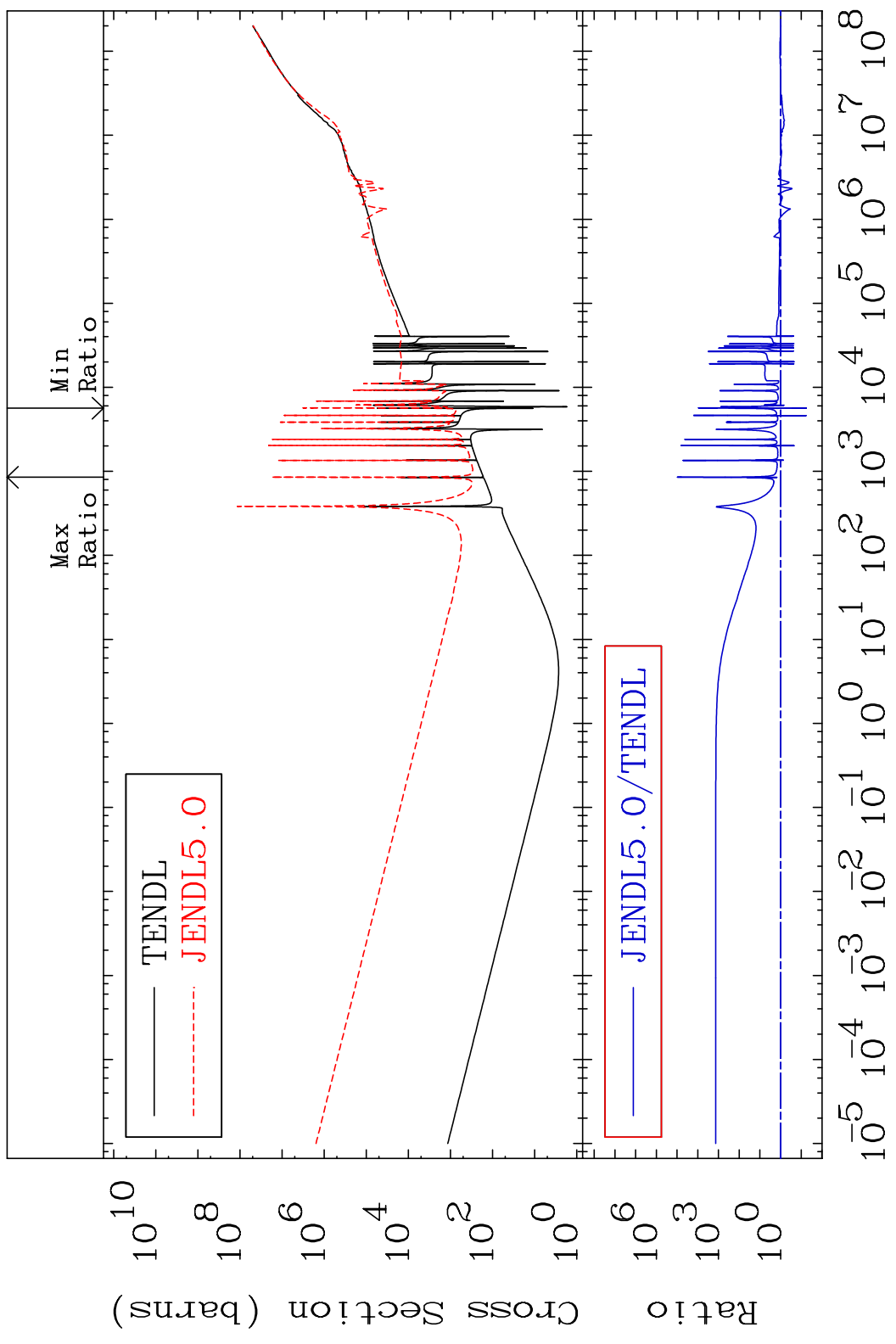
36

Incident Energy (eV)

34-Se-78

MAT 3437

Kerma total (eV-barns) 34-Se-78
Cross Section -94.36 To 9999. %



37

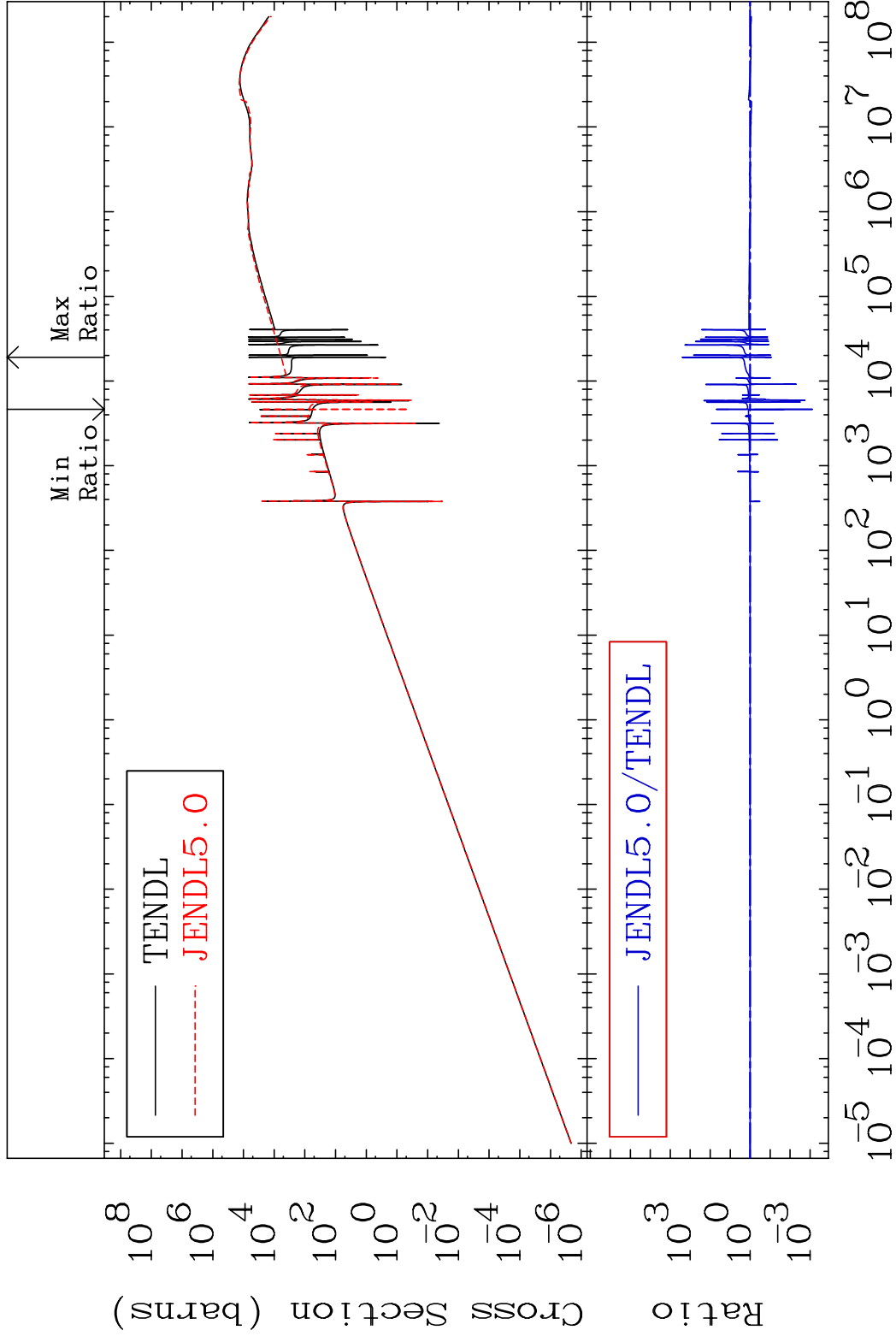
Incident Energy (eV)

34-Se-78

MAT 3437

Kerma elastic
Cross Section

-99.92 To 9999. %
34-Se-78

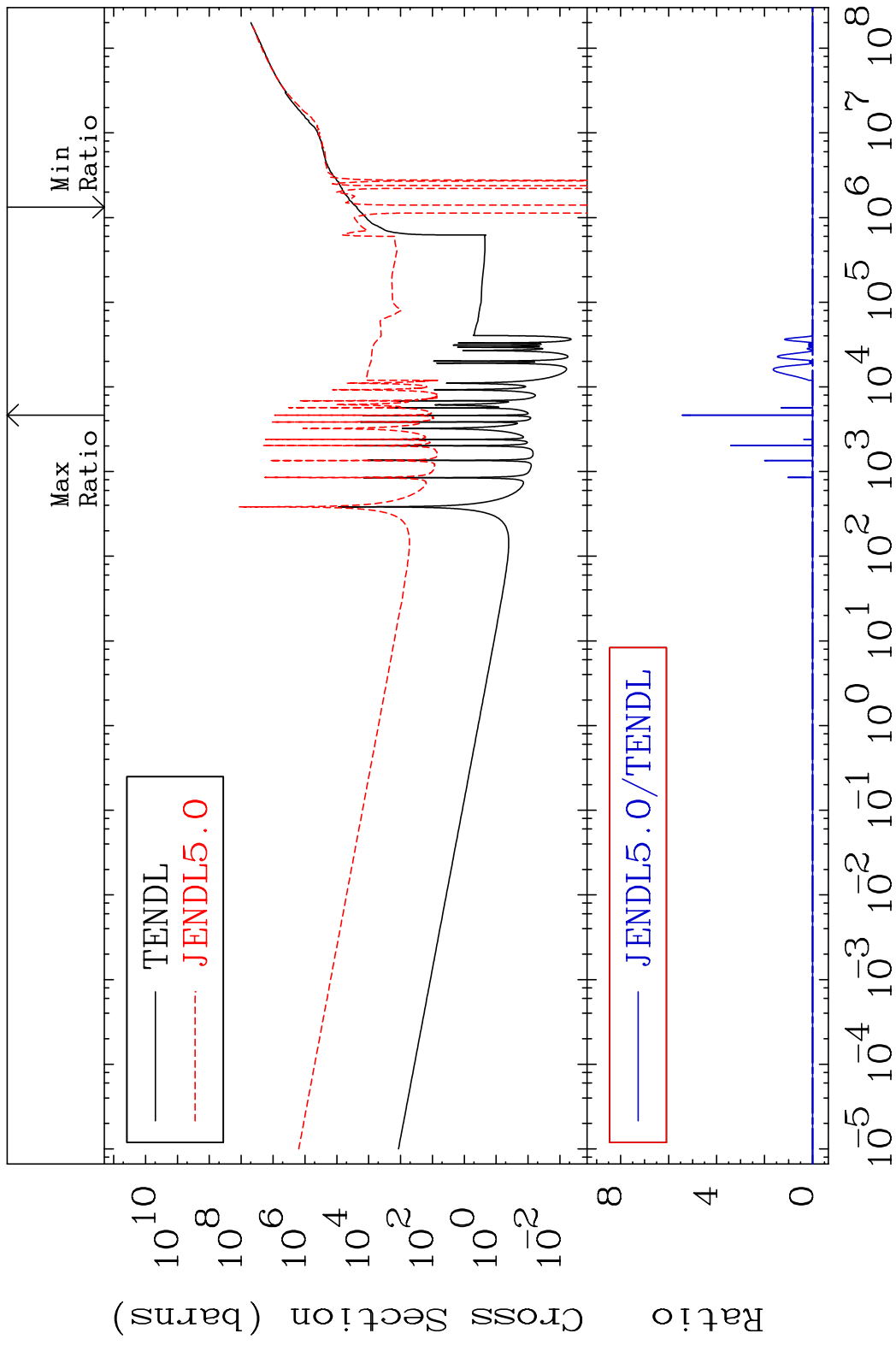


38

Incident Energy (eV)

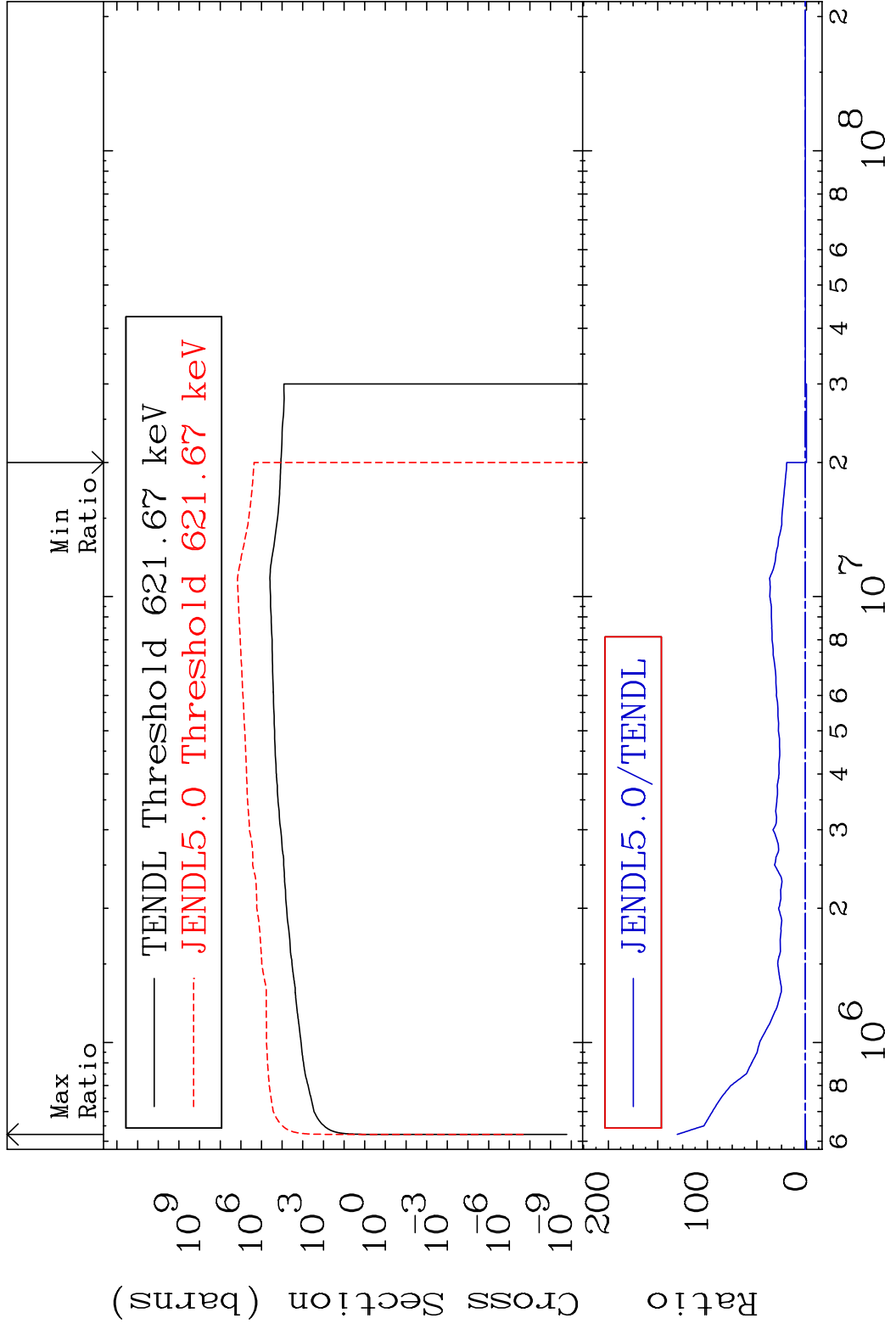
34-Se-78

MAT 3437 Kerma non-elastic (all but mt2) 34-Se-78
 Cross Section -279.9 To 9999. %



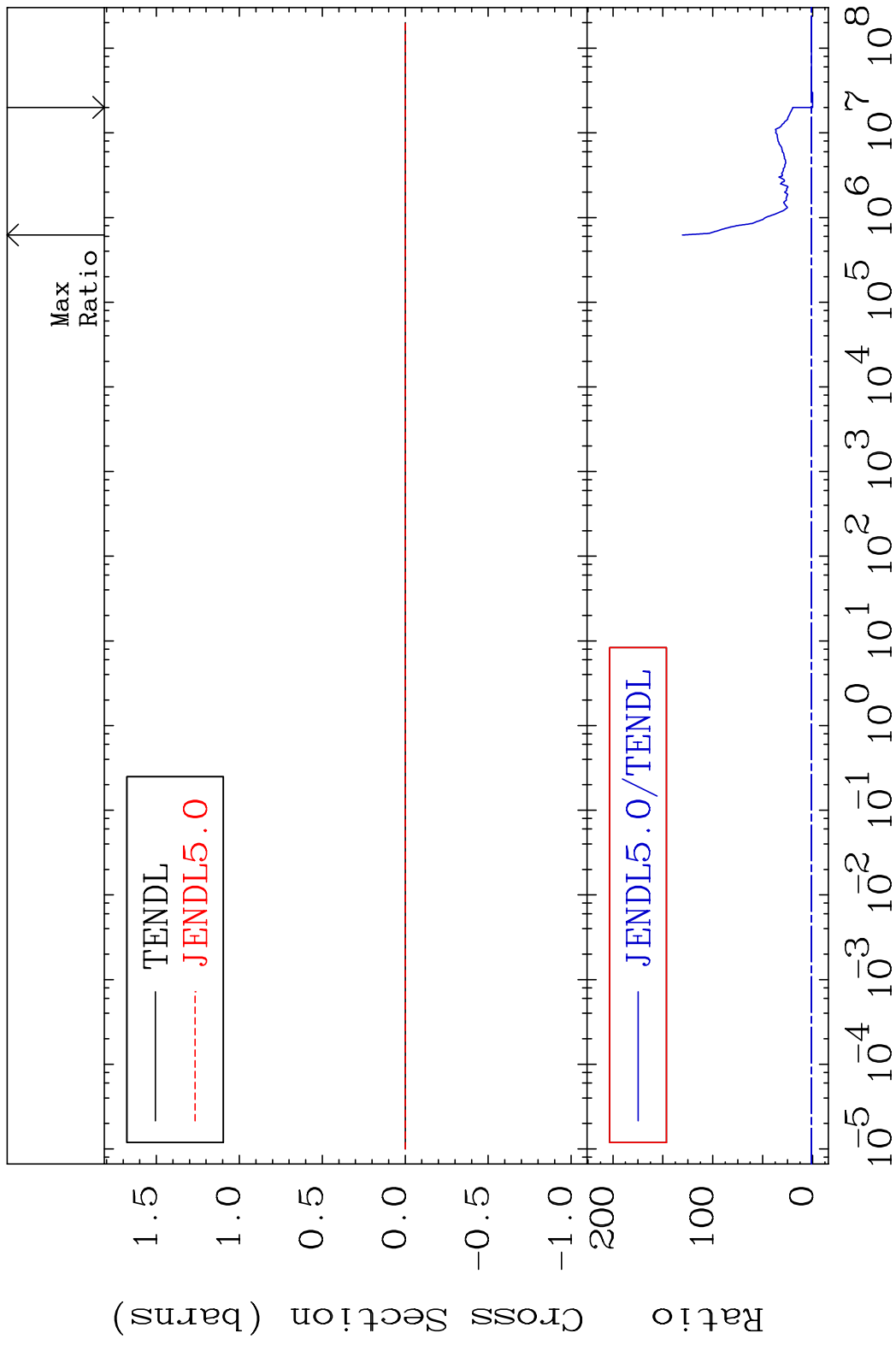
39 Incident Energy (eV) 34-Se-78

MAT 3437 Kerma inelastic (mt51-91) 34-Se-78
 Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 34-Se-78

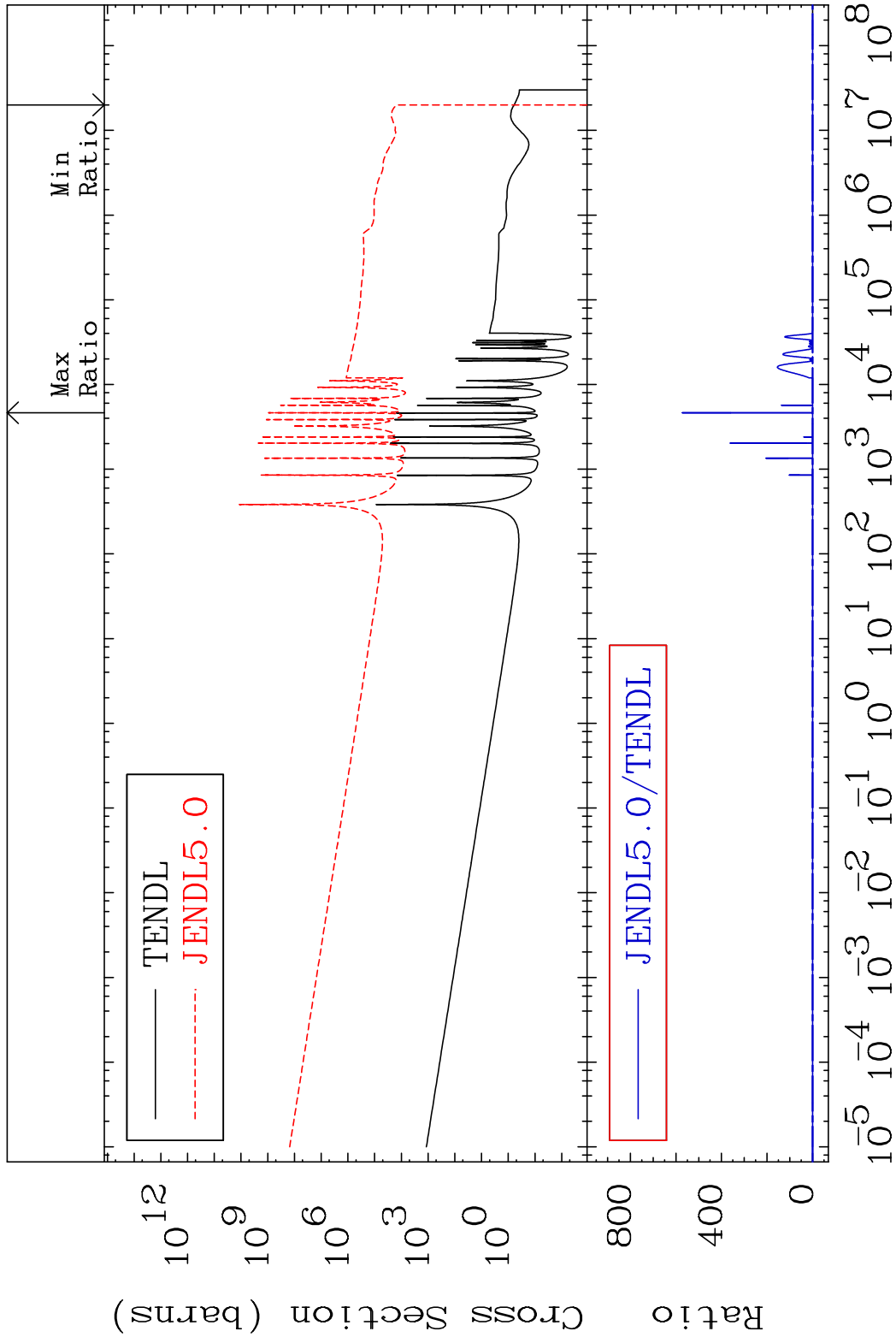
MAT 3437 Kerma fission (mt18 or mt19-20-21-38) 34-Se-78
 Cross Section -100.0 To 9999. %



MAT 3437

Kerma capture (mt102) 34-Se-78

Cross Section -100.0 To 9999. %



42

Incident Energy (eV)

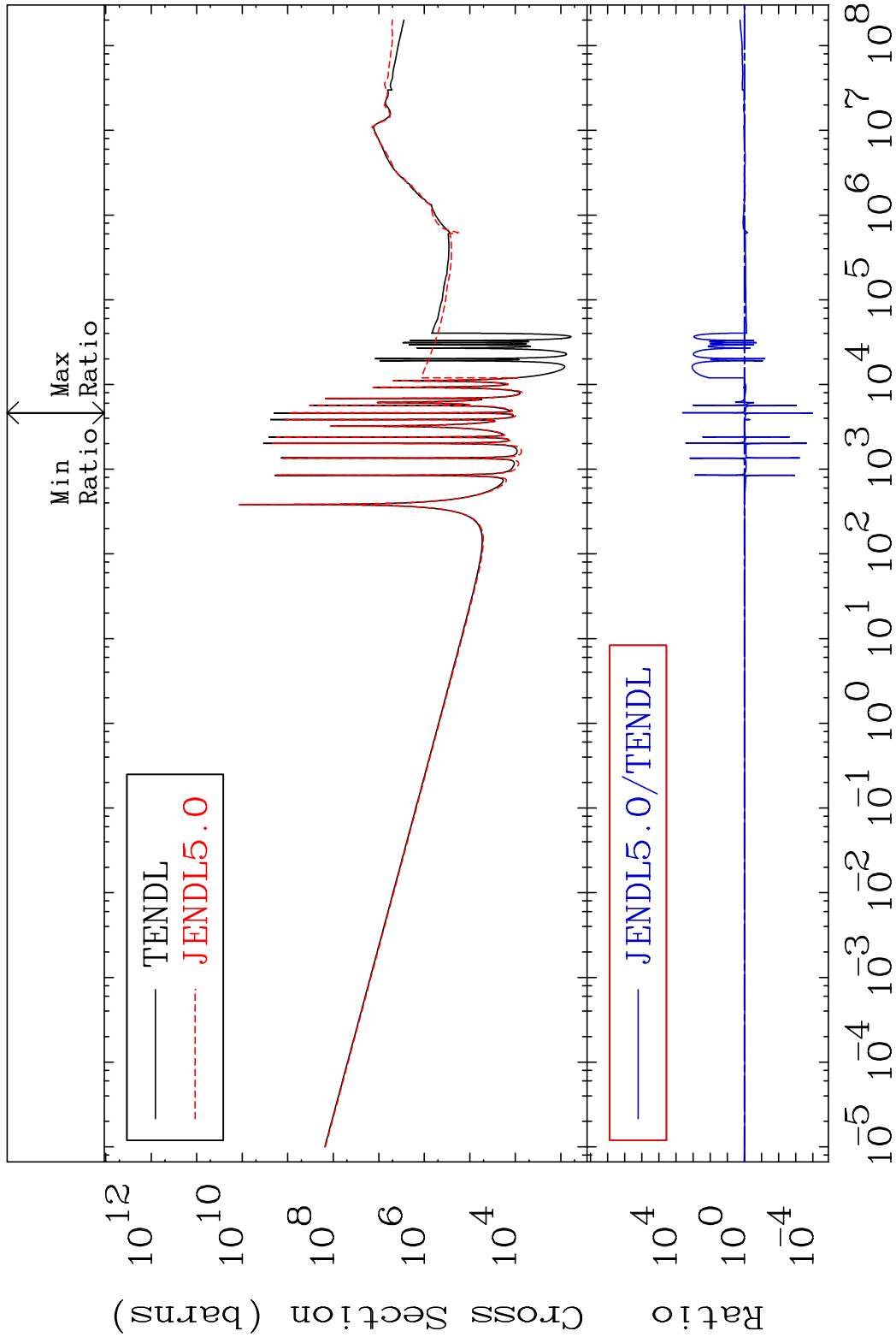
34-Se-78

MAT 3437

Total photon (eV-barns)

34-Se-78

Cross Section -99.99 To 9999. %

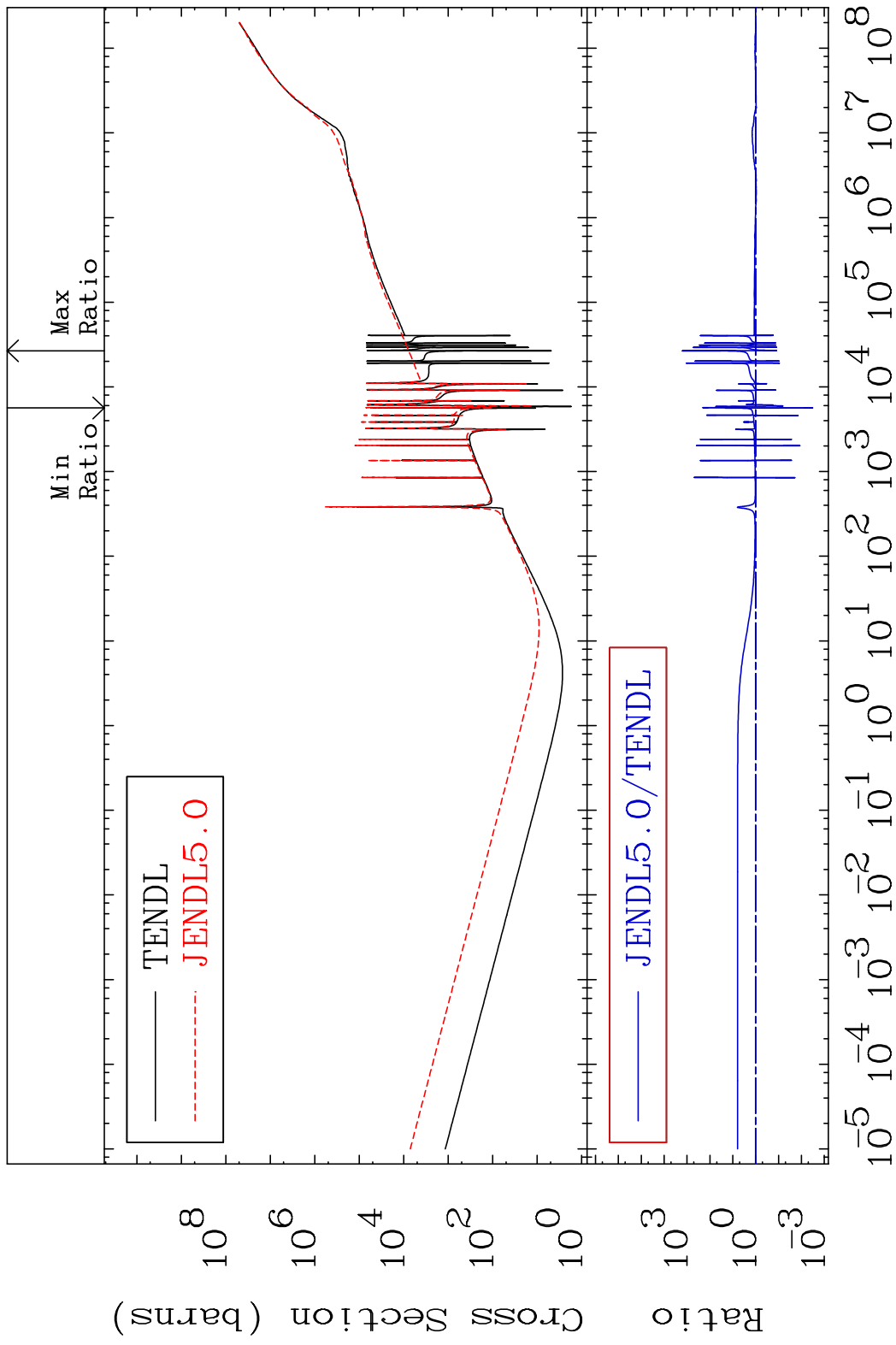


43

Incident Energy (eV)

34-Se-78

MAT 3437 Total kinematic kerma (high limit) 34-Se-78
 Cross Section -99.67 To 9999. %

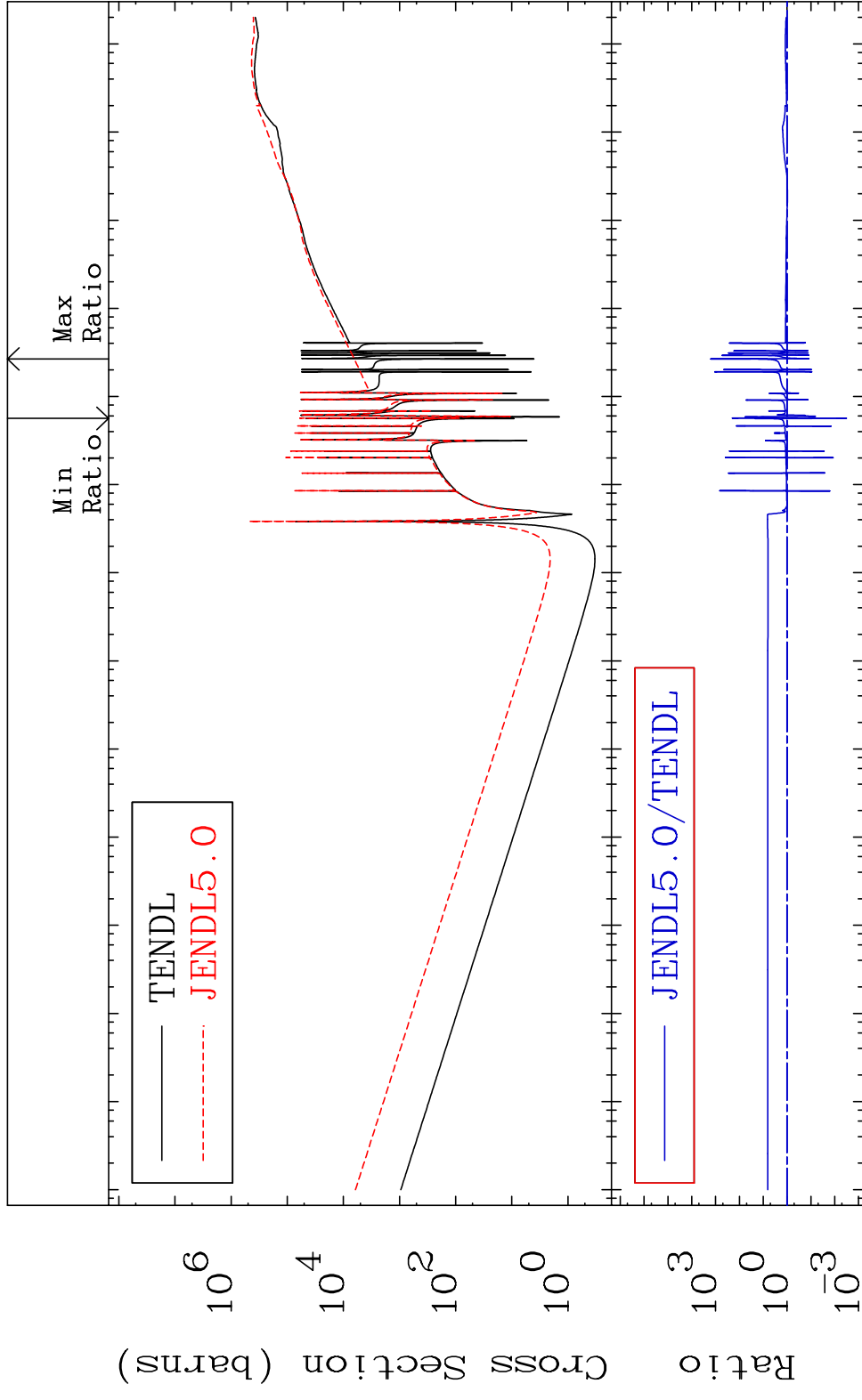


MAT 3437

Dpa total (eV-barns)

34-Se-78

Cross Section -99.67 To 9999. %



45

Incident Energy (eV)

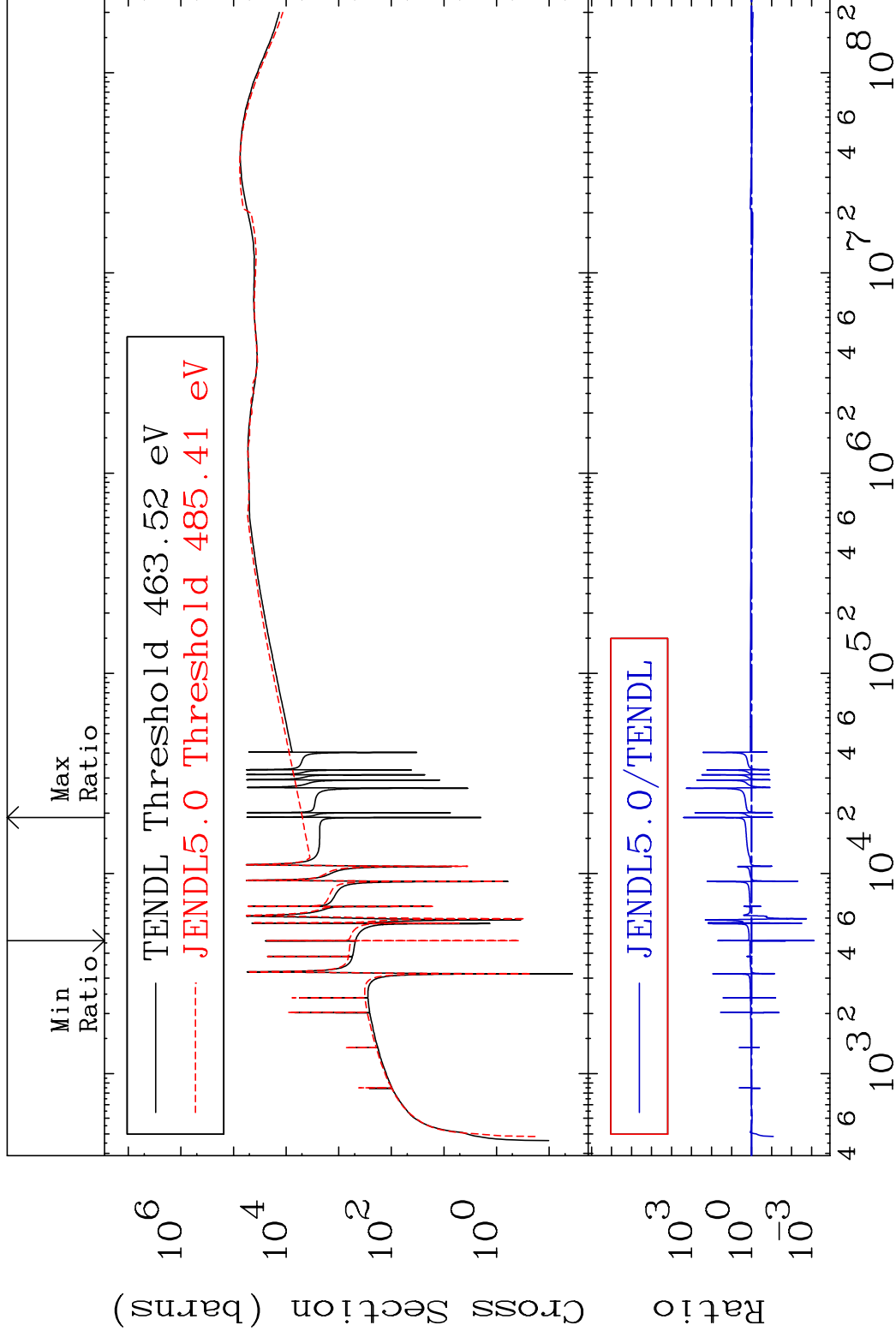
34-Se-78

MAT 3437

Dpa elastic (mt2)

34-Se-78

Cross Section -99.92 To 9999. %

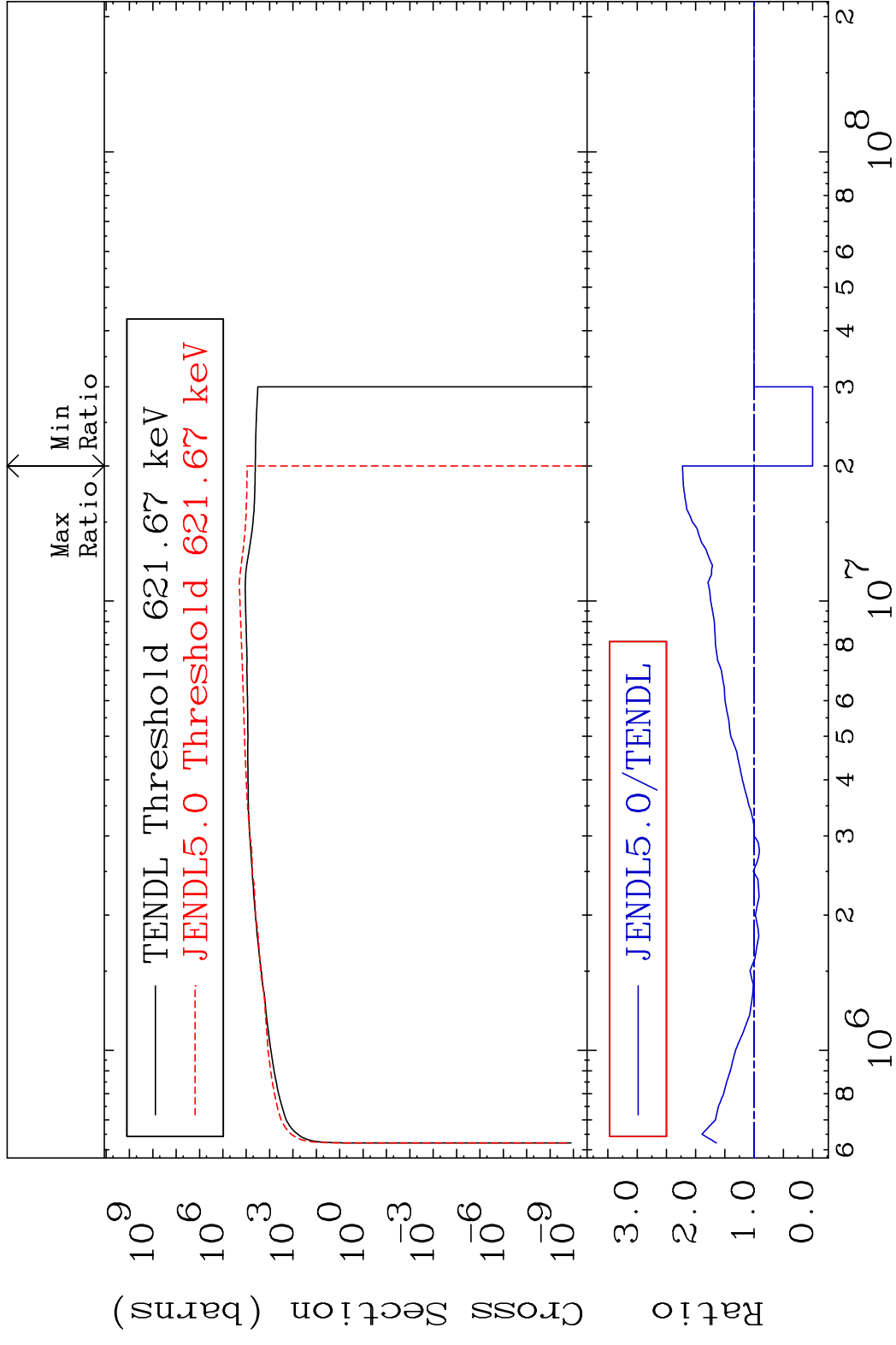


46

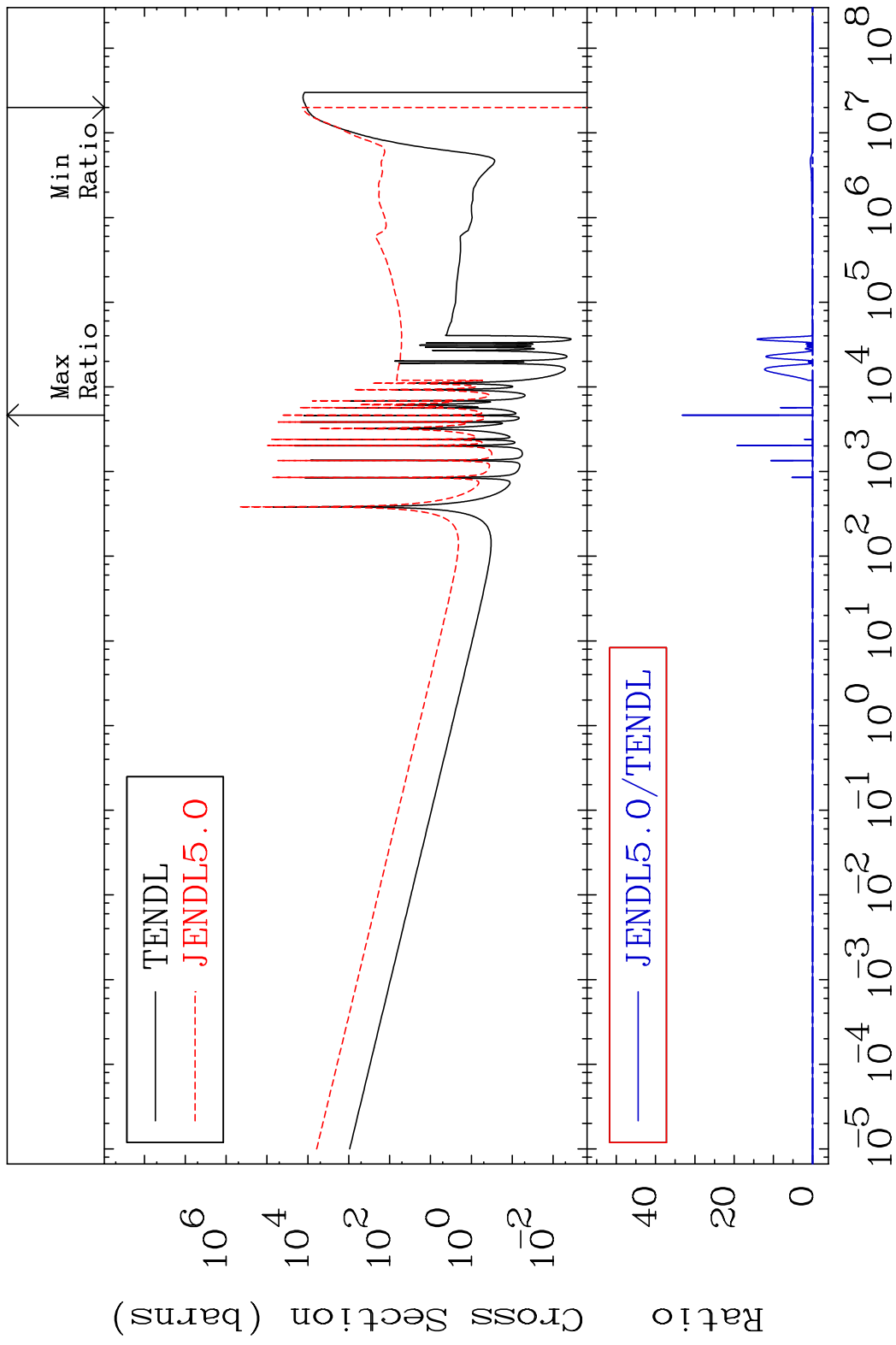
Incident Energy (eV)

34-Se-78

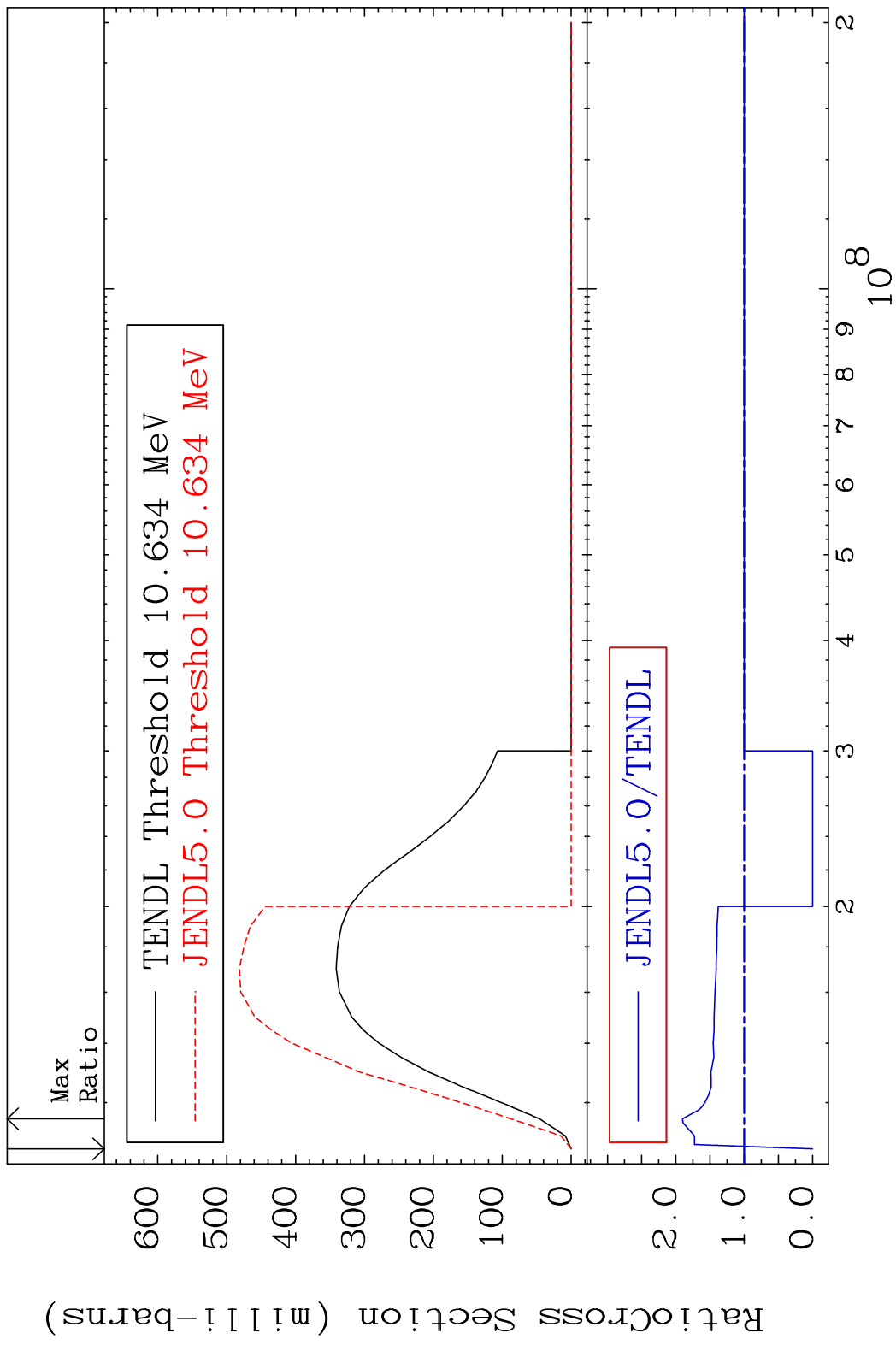
MAT 3437 Dpa inelastic (mt51-91) 34-Se-78
 Cross Section -100.0 To 122.7 %



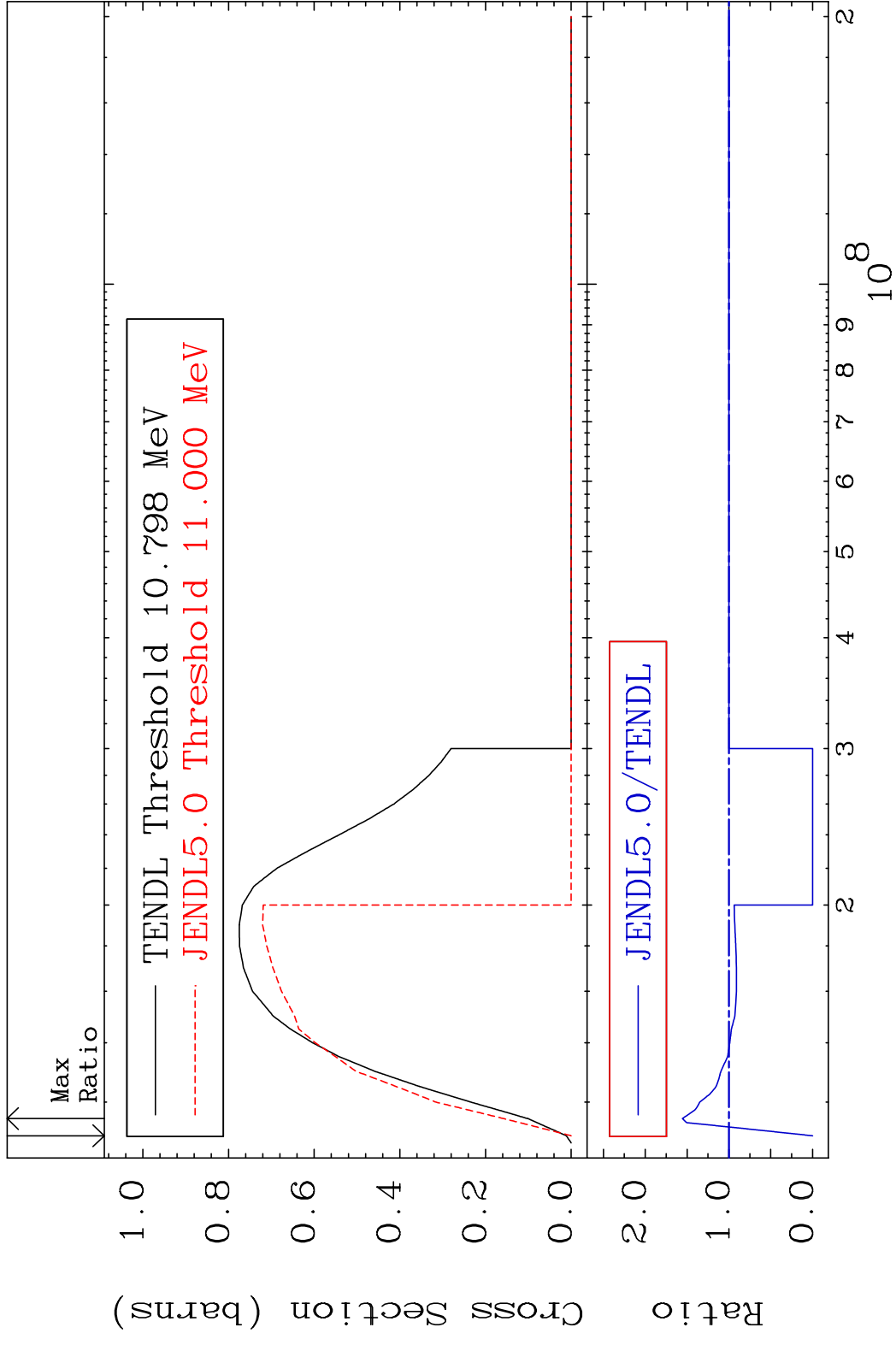
MAT 3437 Dpa disappearance (mt102 -120) 34-Se-78
 Cross Section -100.0 To 9999. %



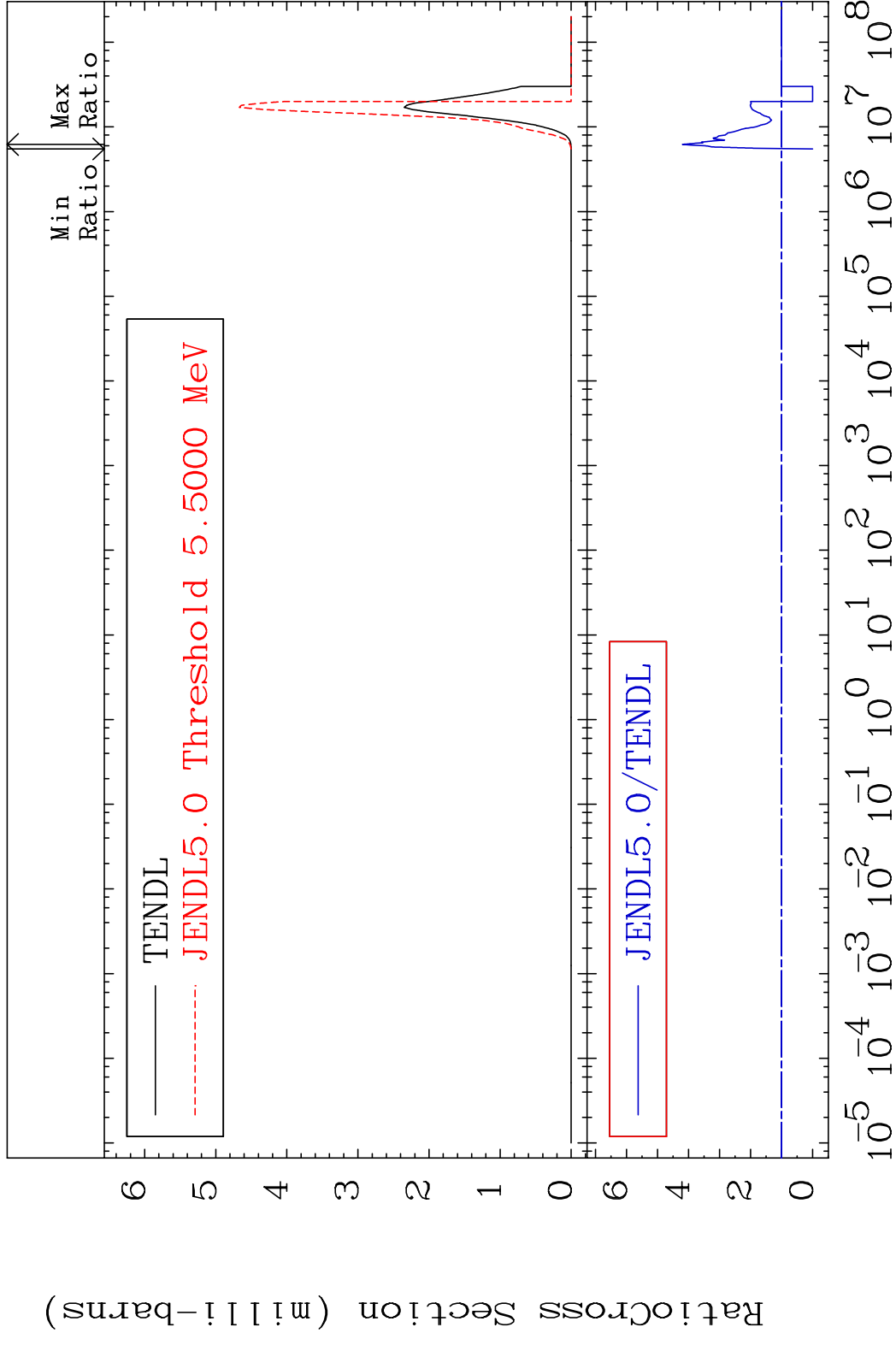
MAT 3437 (n,2n):34-Se-77g 34-Se-78
 Radionuclide Production Cross Section Ratio 90.48 %



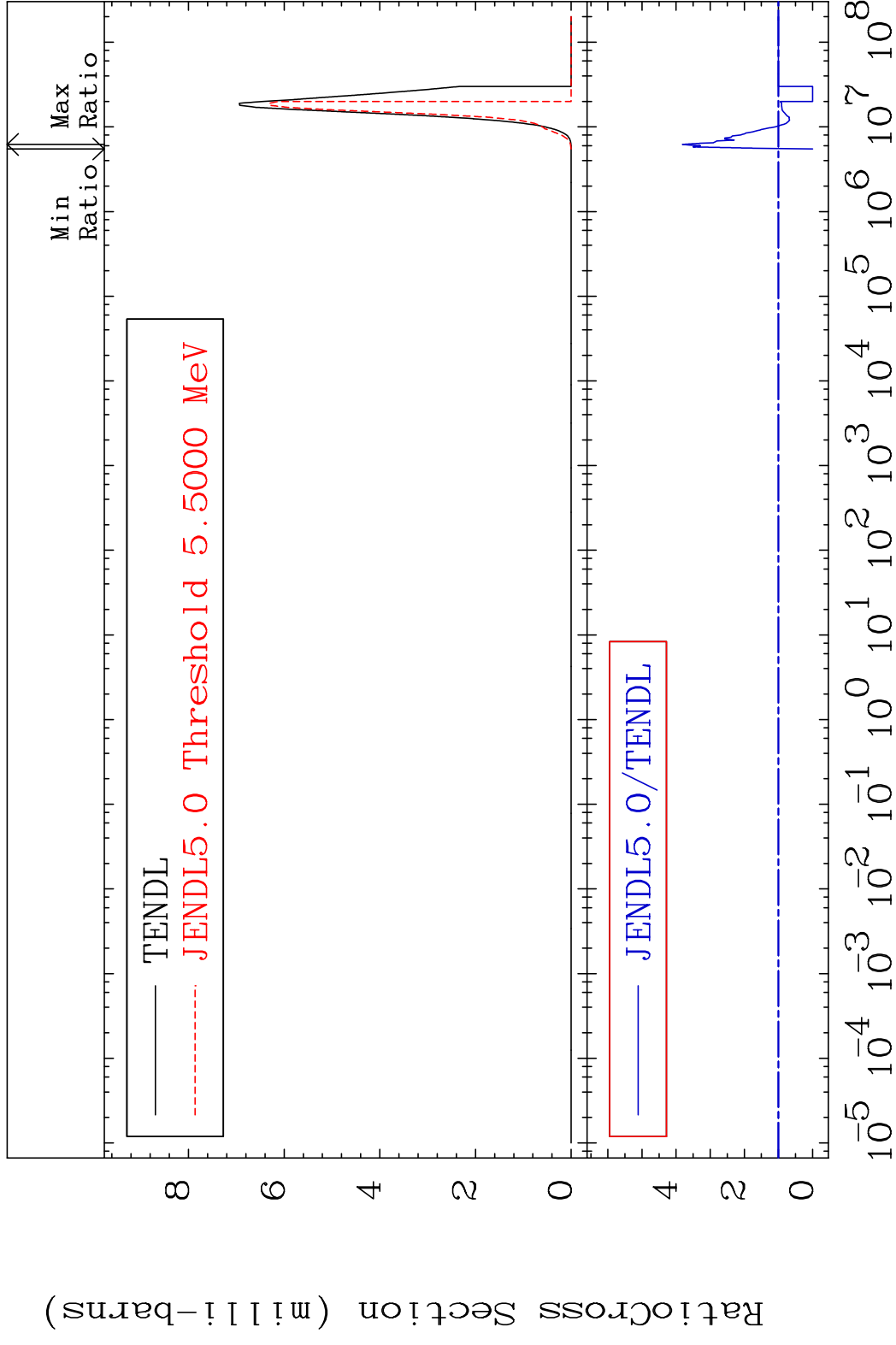
MAT 3437 (n,2n):34-Se-77m1 34-Se-78
 Radionuclide Production Cross Section 180.01 dth 55.65 %



MAT 3437 (n, α): 32-Ge-75g 34-Se-78
 Radionuclide Production Cross Section Ratio 319.8 %

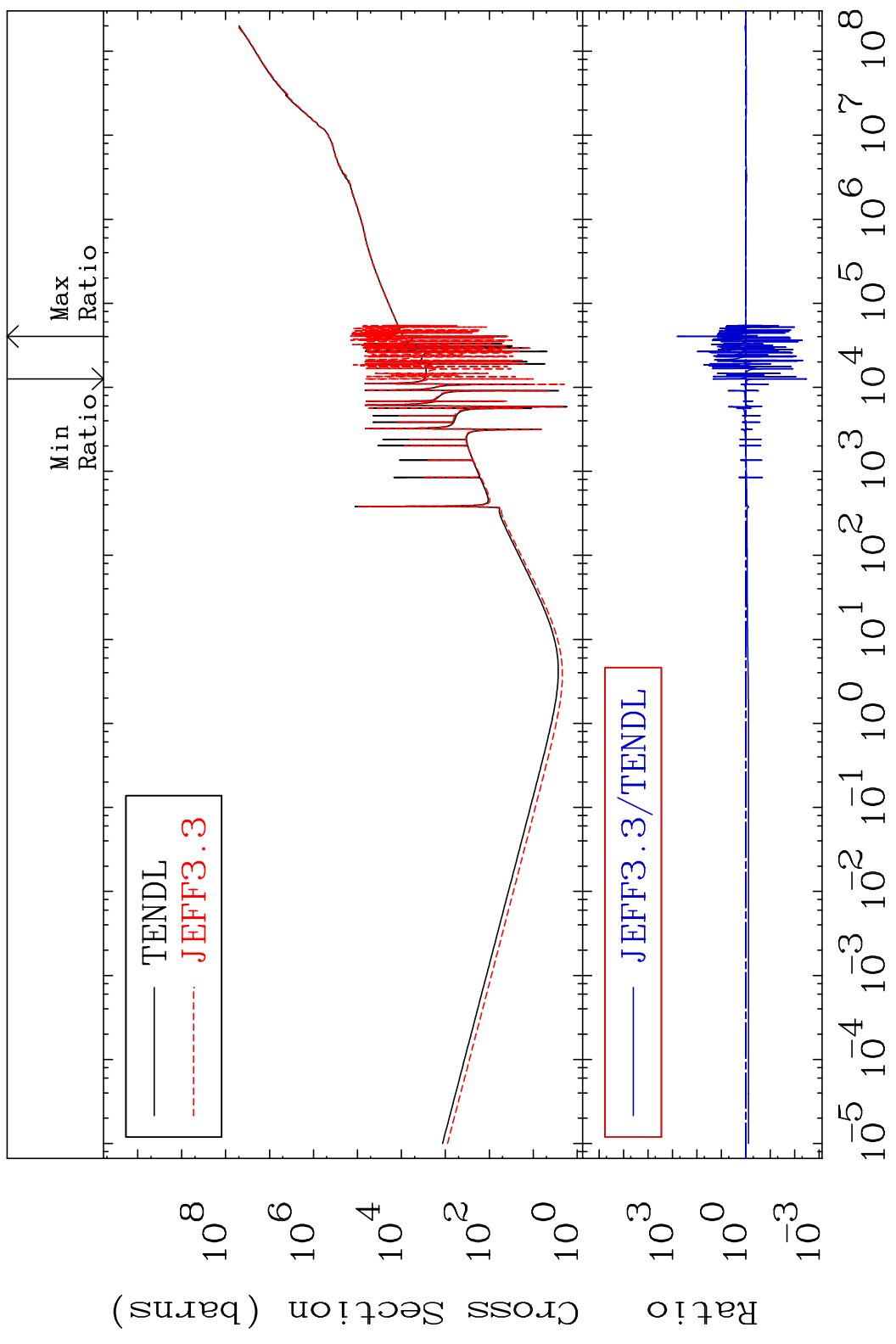


MAT 3437 (n,α):32-Ge-75m2 34-Se-78
 Radionuclide Production Cross Section 180.0 dth 281.7 %



MAT 3437

Kerma total (eV-barns) 34-Se-78
Cross Section -99.67 To 9999. %



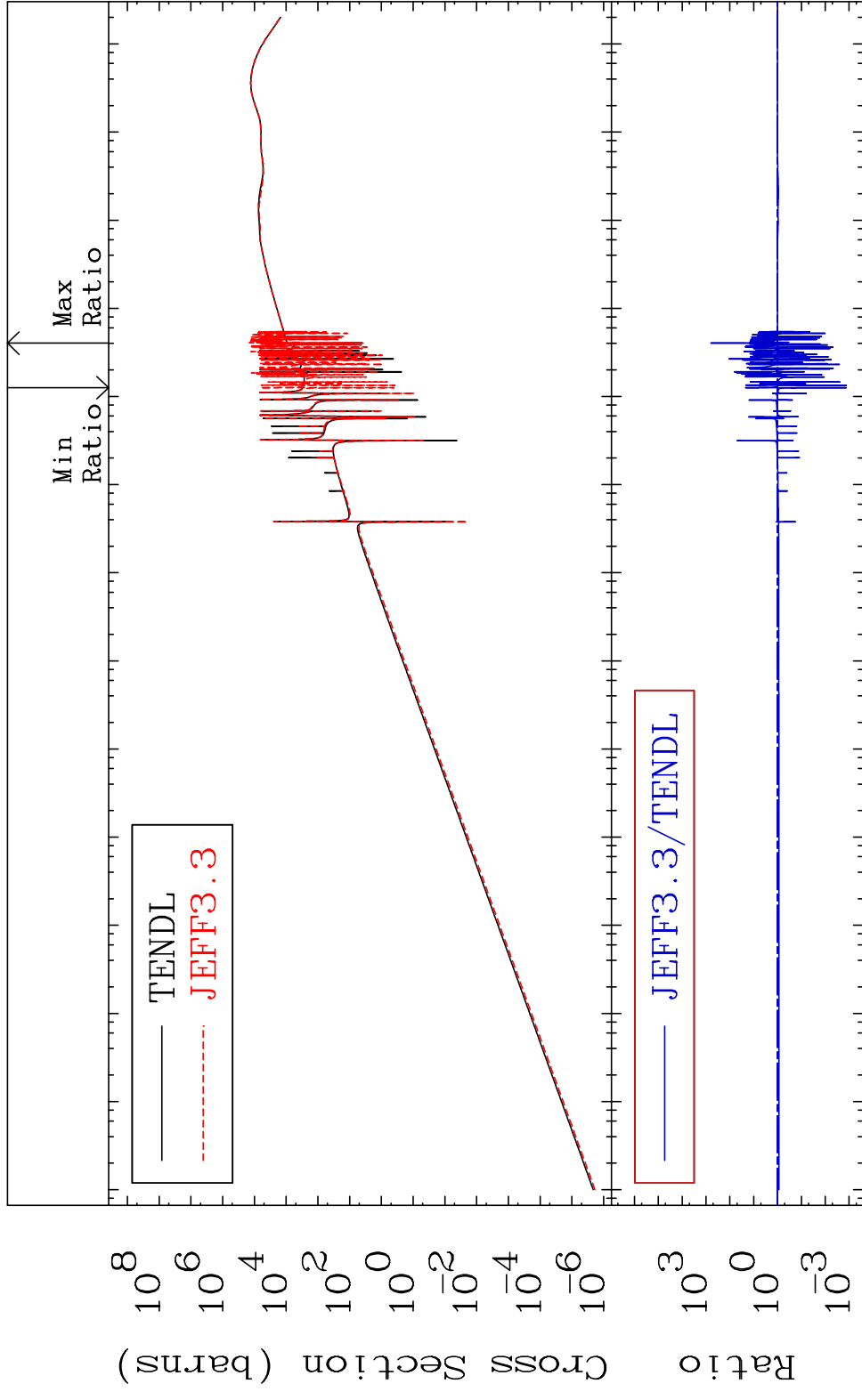
53

Incident Energy (eV) 34-Se-78

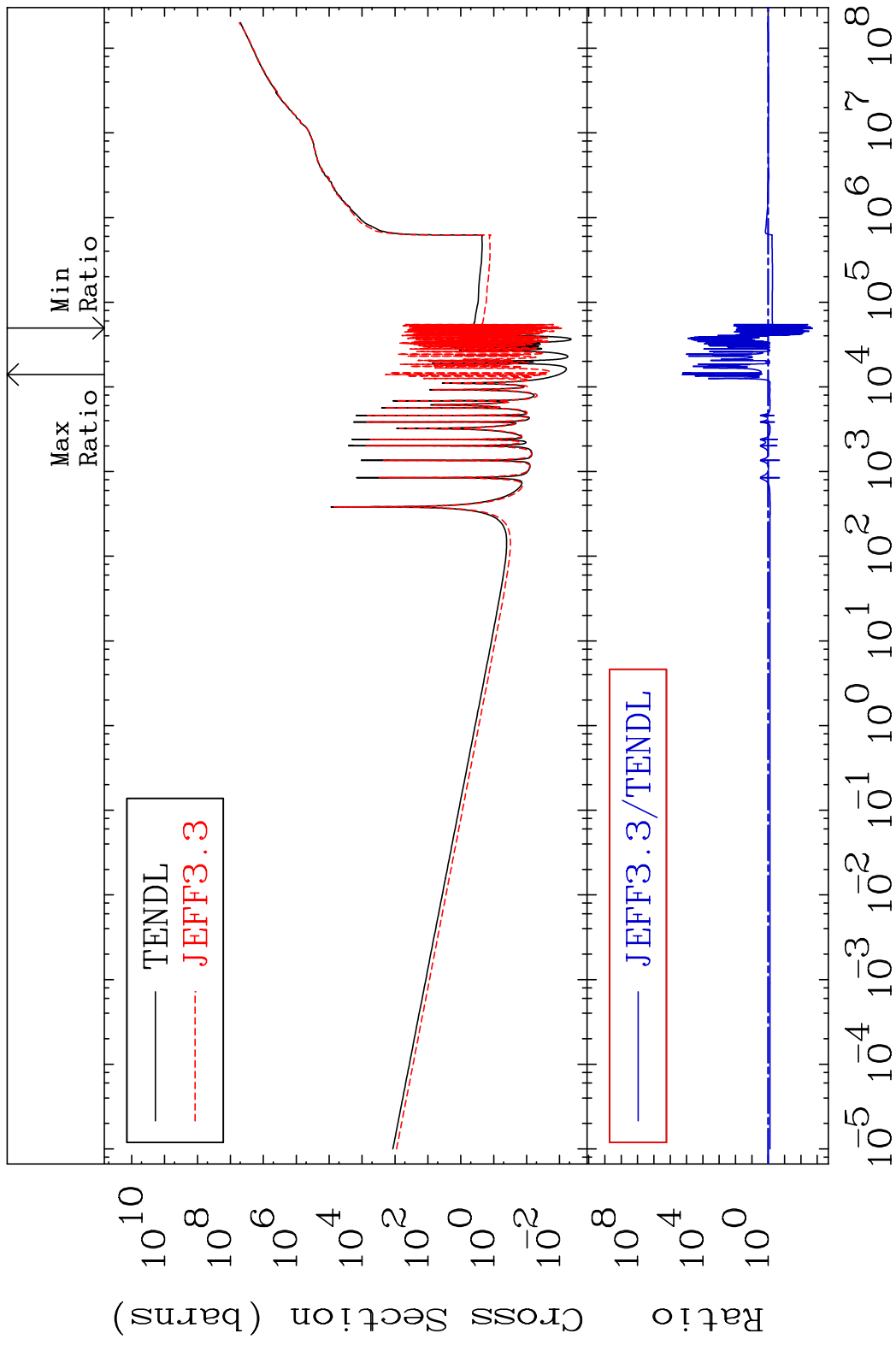
MAT 3437

Kerma elastic
Cross Section

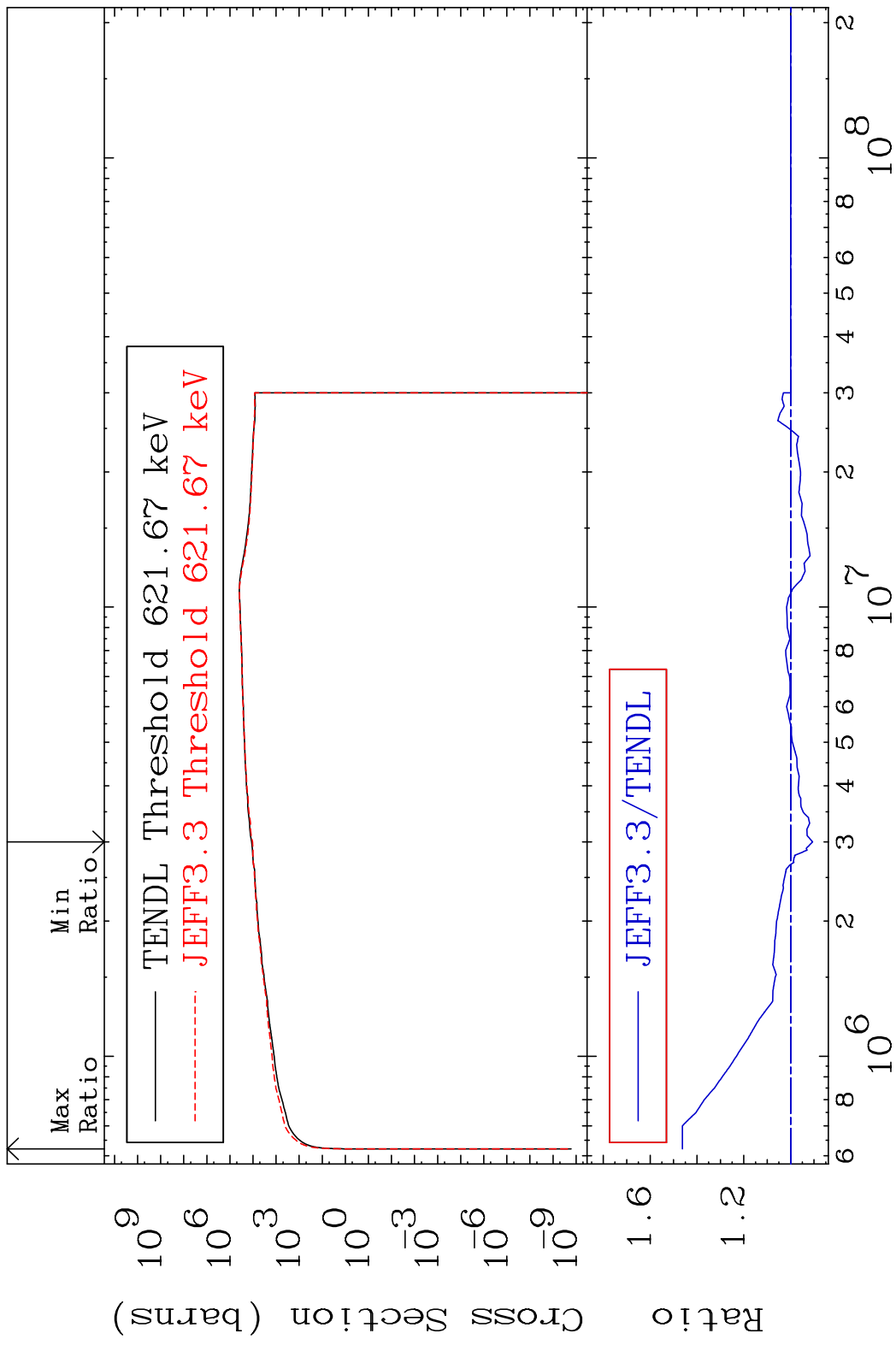
34-Se-78
-99.87 To 9999. %



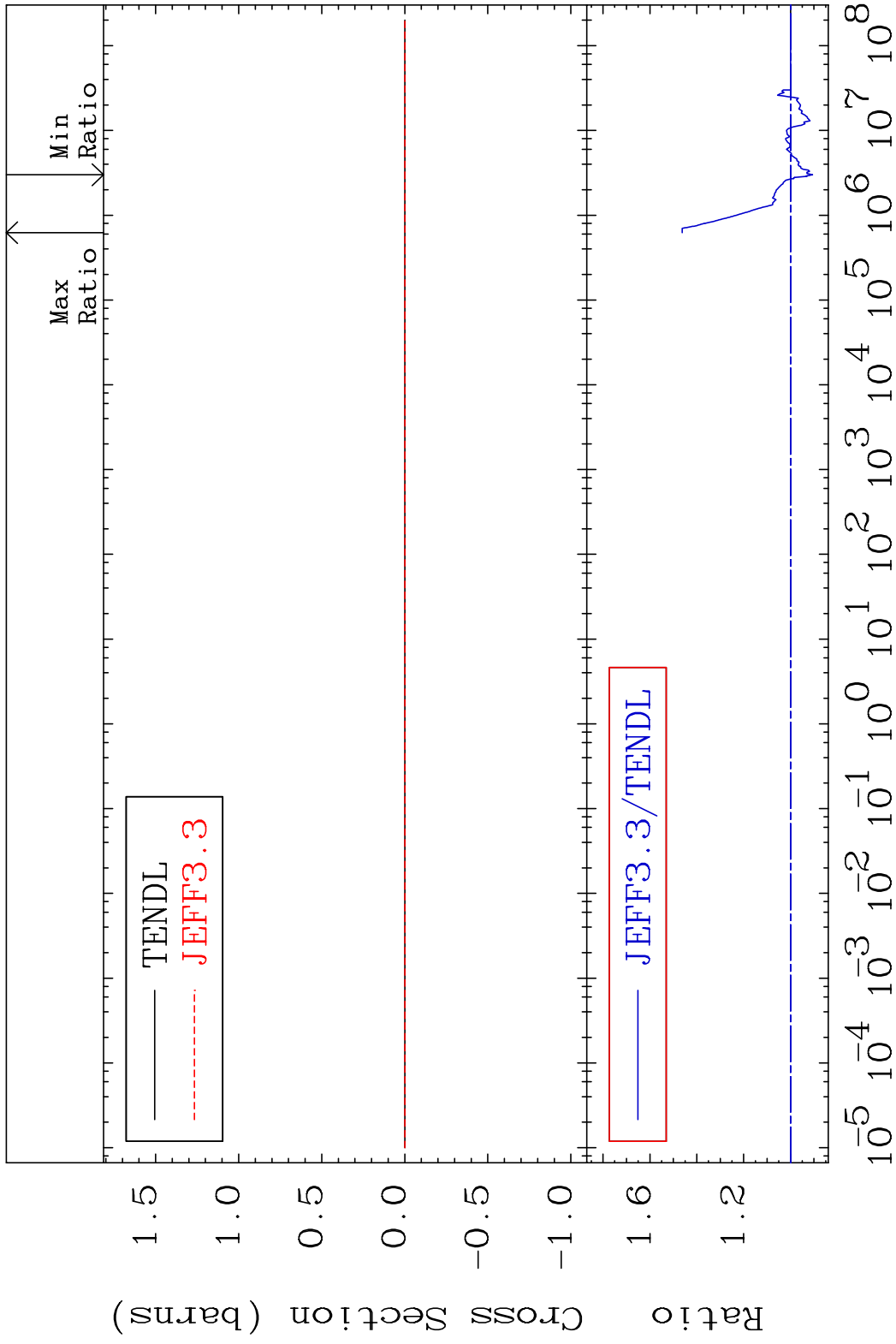
MAT 3437 Kerma non-elastic (all but mt2) 34-Se-78
 Cross Section -99.81 To 9999. %



MAT 3437 Kerma inelastic (mt51-91) 34-Se-78
 Cross Section -9.347 To 46.24 %

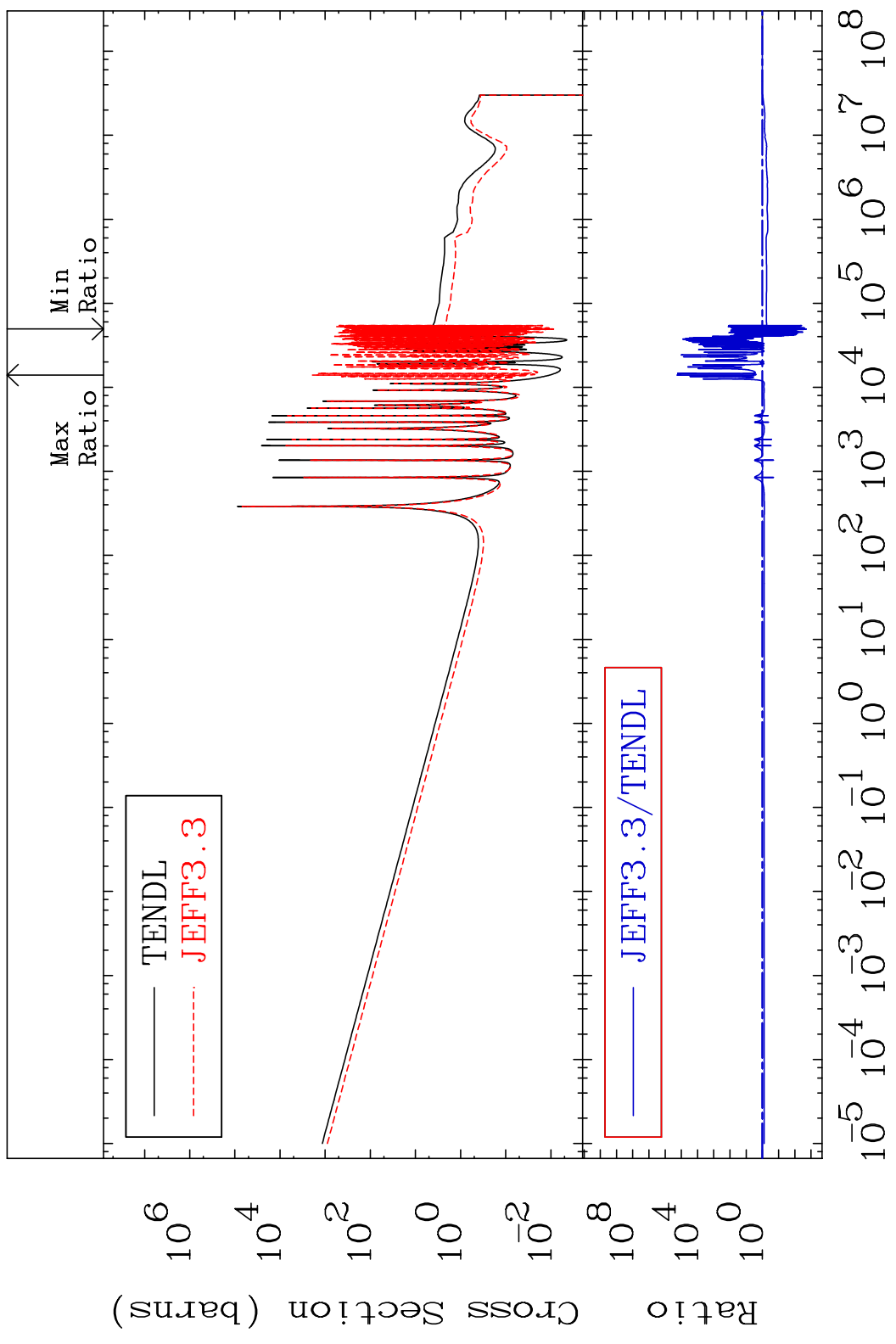


MAT 3437 Kerma fission (mt18 or mt19-20-21-38) 34-Se-78
 Cross Section -9.347 To 46.24 %



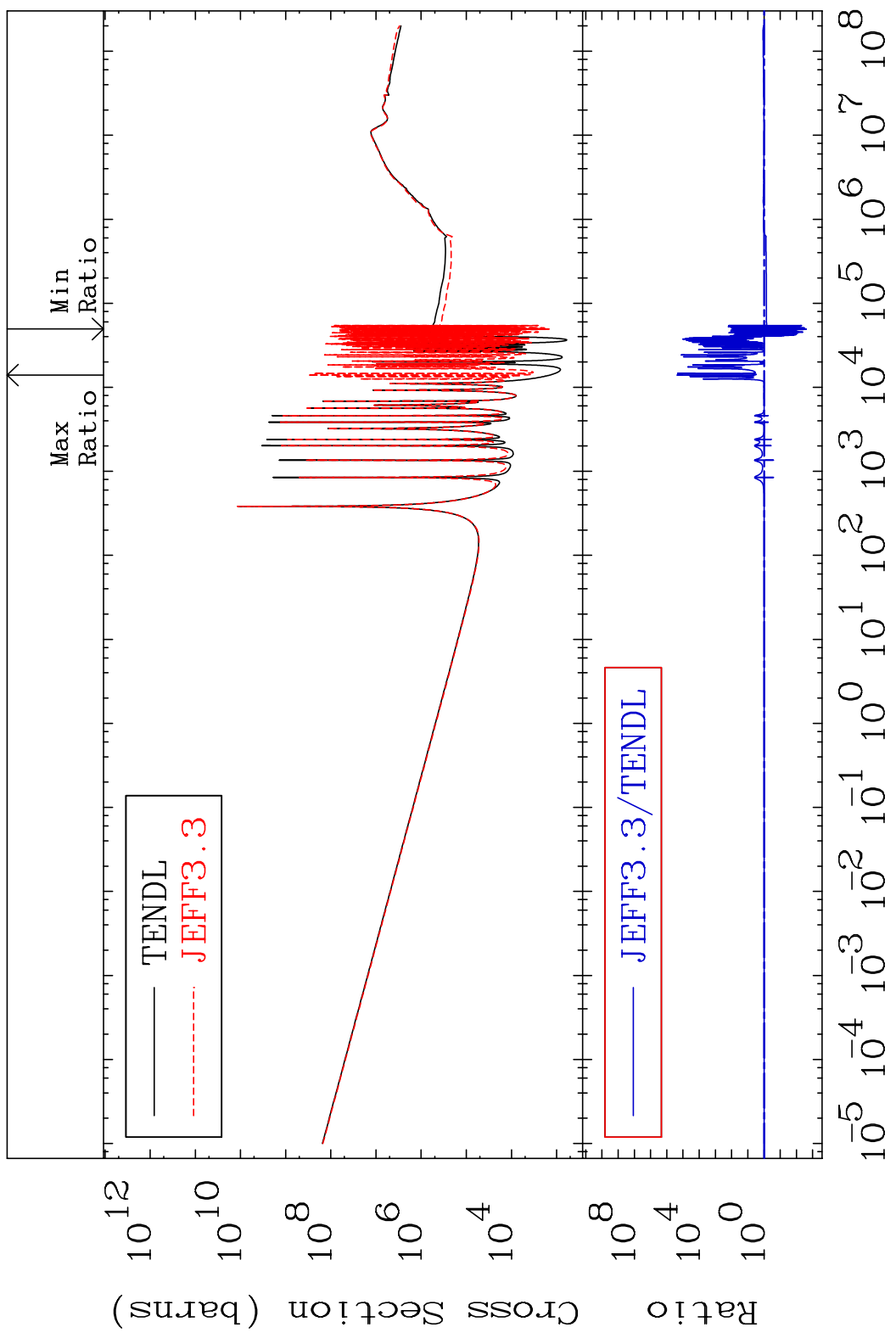
MAT 3437

Kerma capture (mt102) 34-Se-78
Cross Section -99.81 To 9999. %



MAT 3437

Total photon (eV-barns) 34-Se-78
Cross Section -99.76 To 9999. %

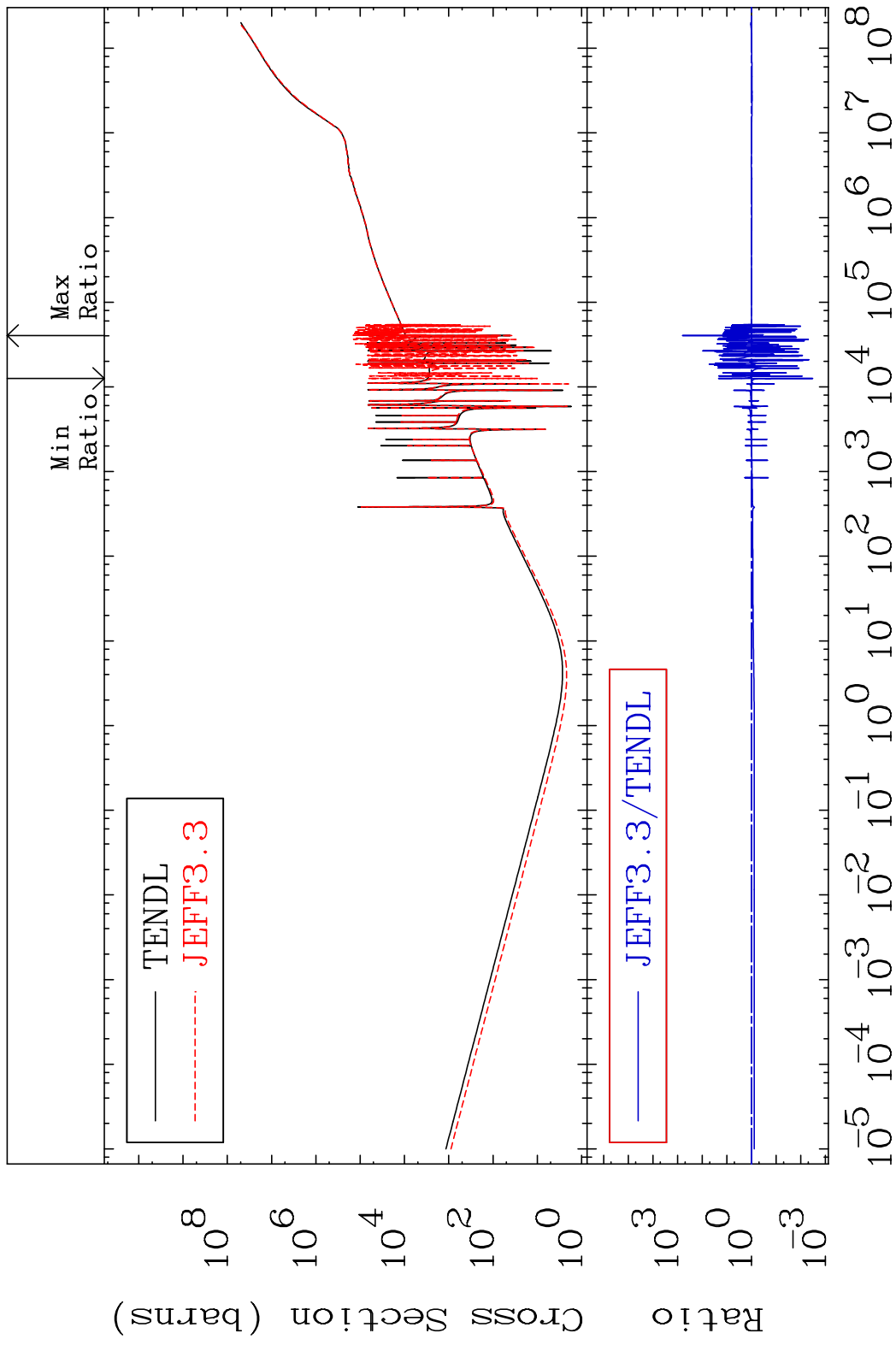


59

Incident Energy (eV)

34-Se-78

MAT 3437 Total kinematic kerma (high limit) 34-Se-78
Cross Section -99.67 To 9999. %

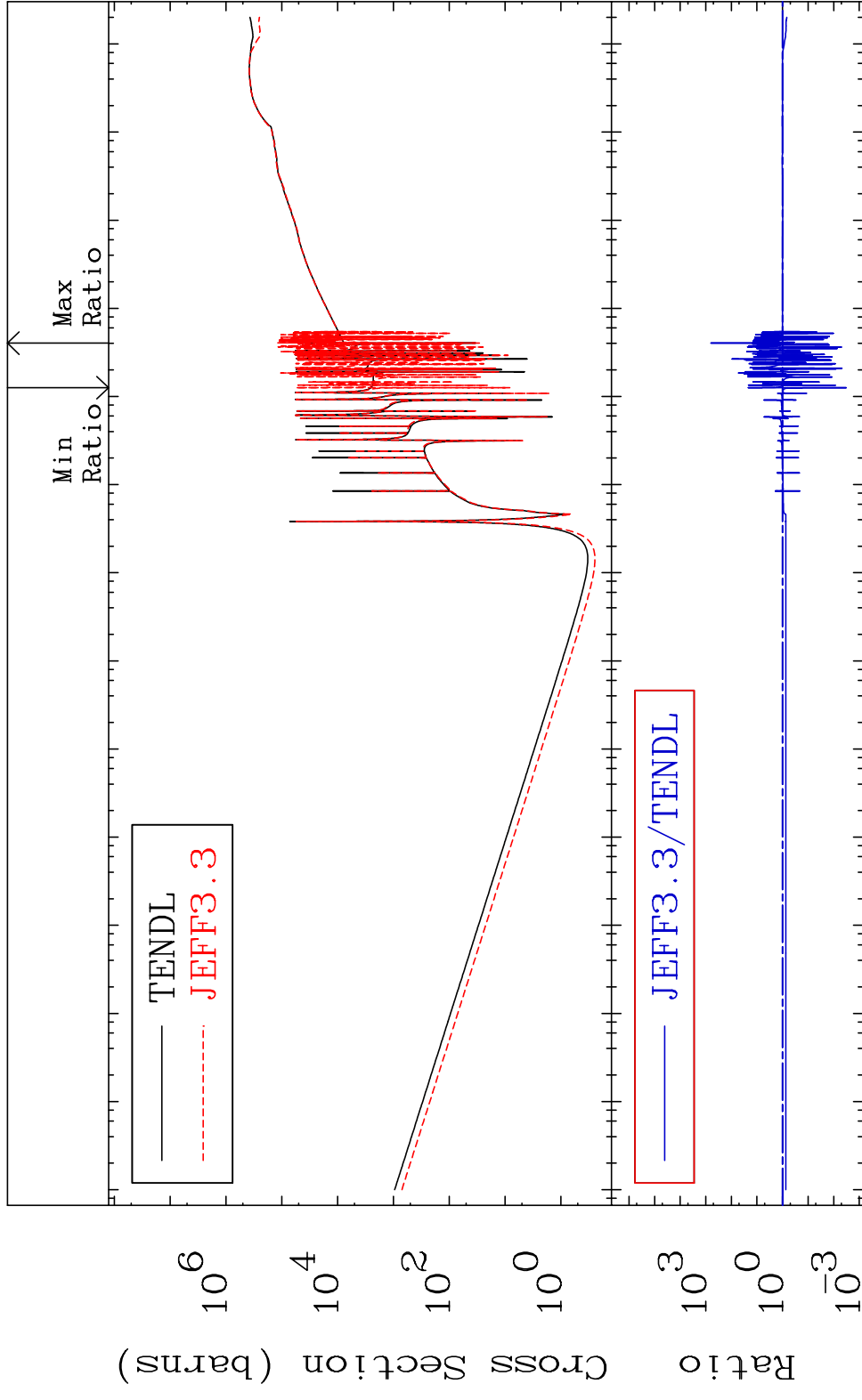


MAT 3437

Dpa total (eV-barns)

34-Se-78

Cross Section -99.68 To 9999. %



61

Incident Energy (eV)

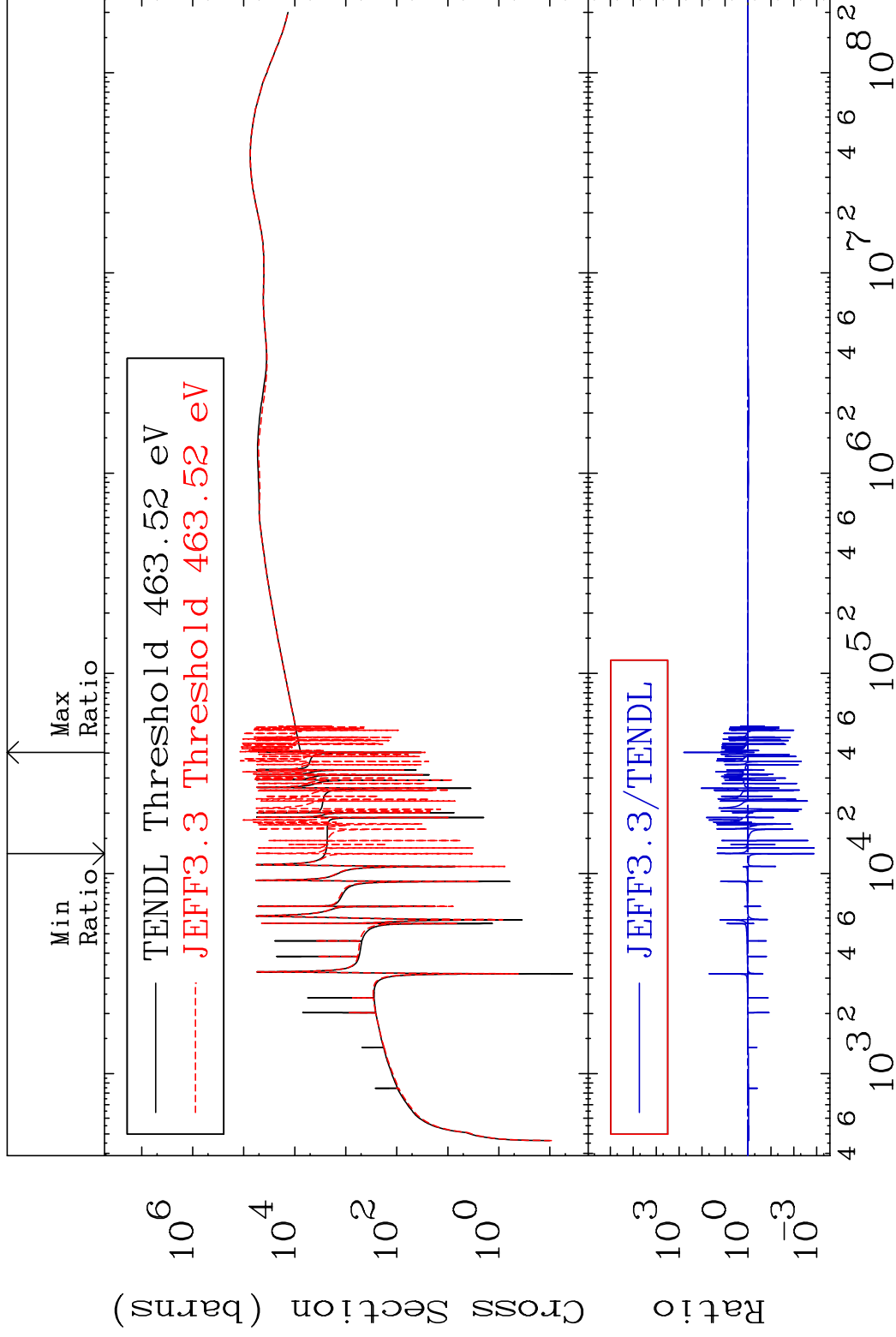
34-Se-78

MAT 3437

Dpa elastic (mt2)

34-Se-78

Cross Section -99.87 To 9999. %

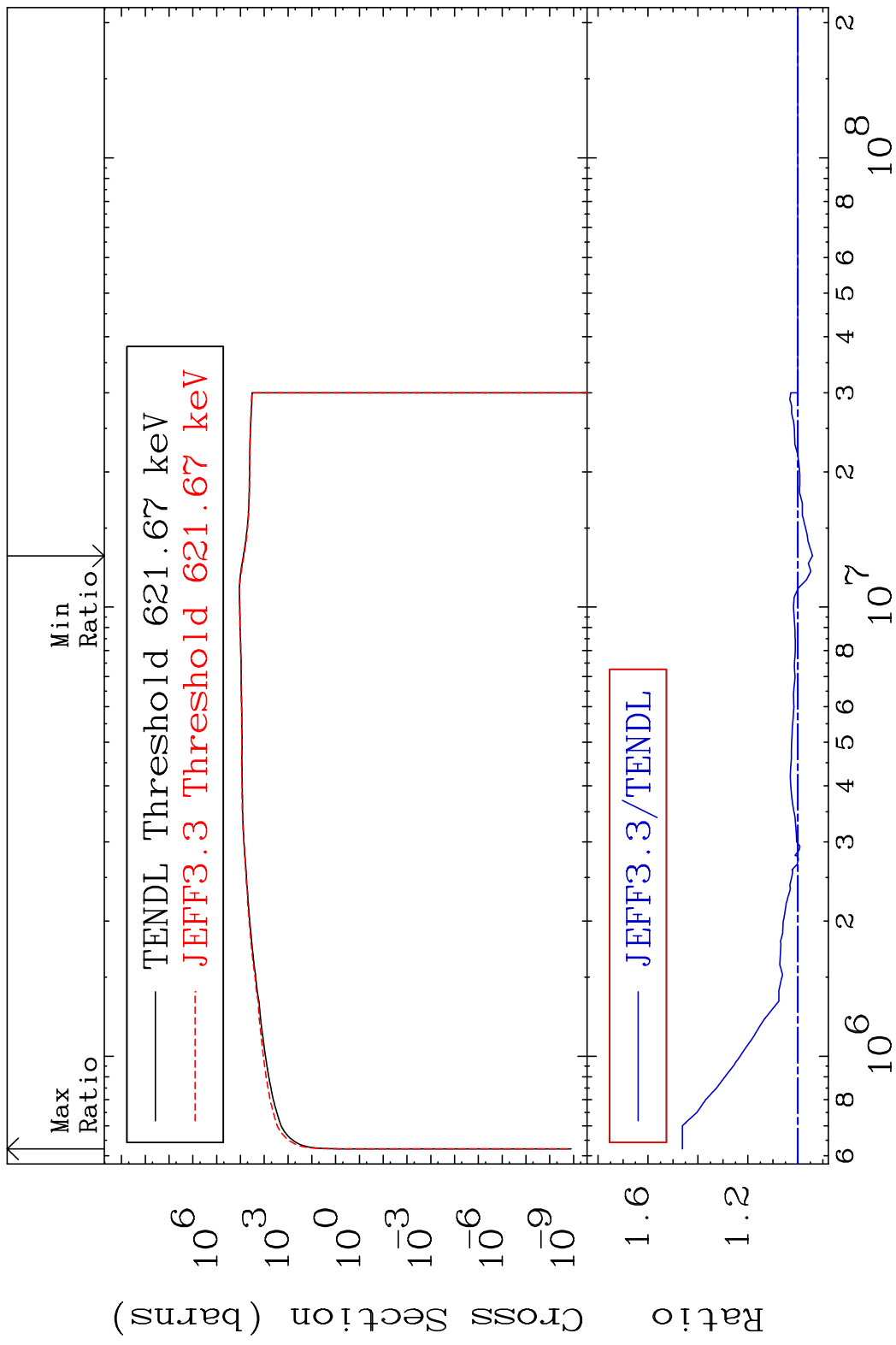


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Incident Energy (eV)

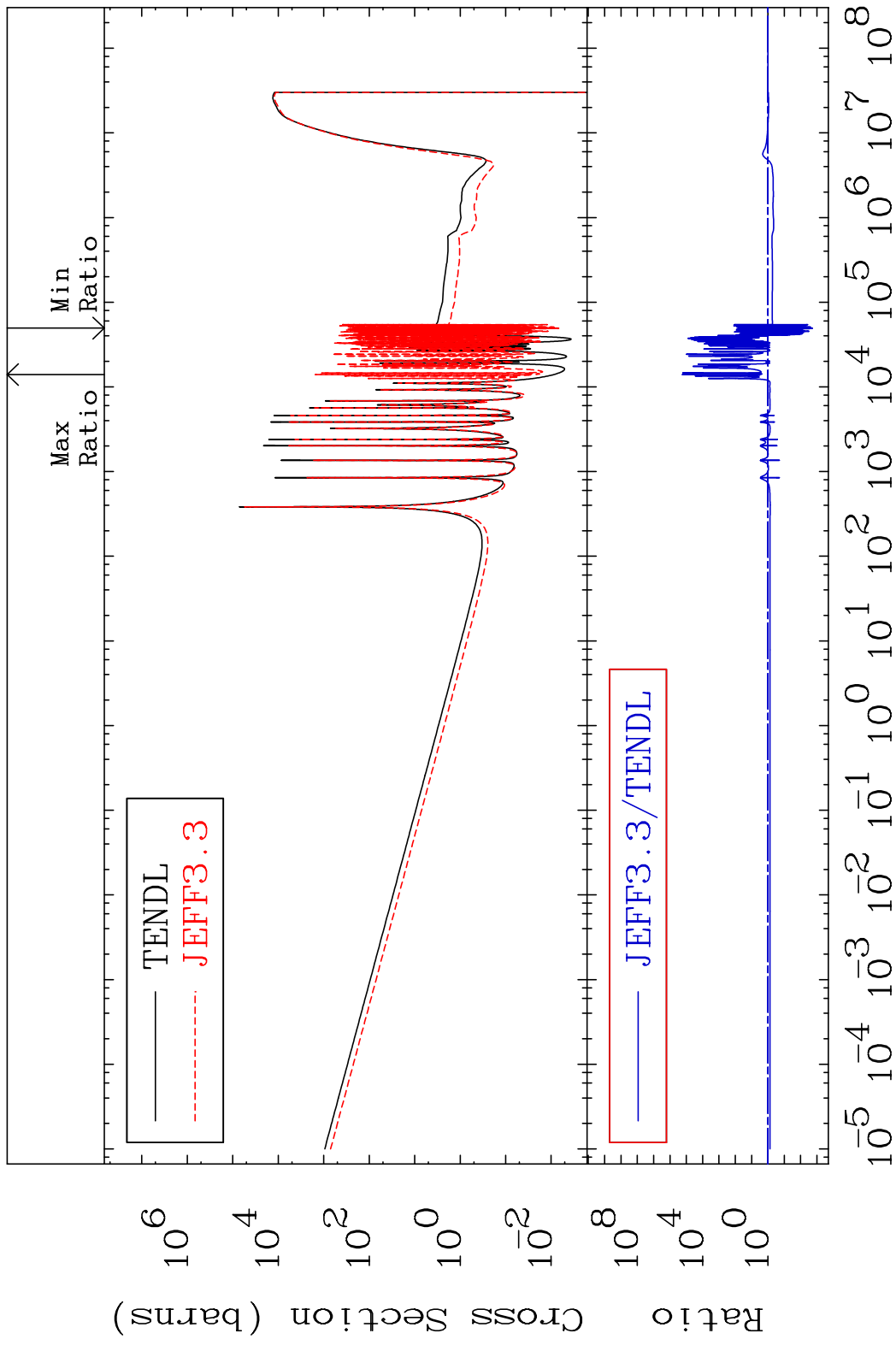
34-Se-78

MAT 3437 Dpa inelastic (mt51-91) 34-Se-78
 Cross Section -5.870 To 46.24 %

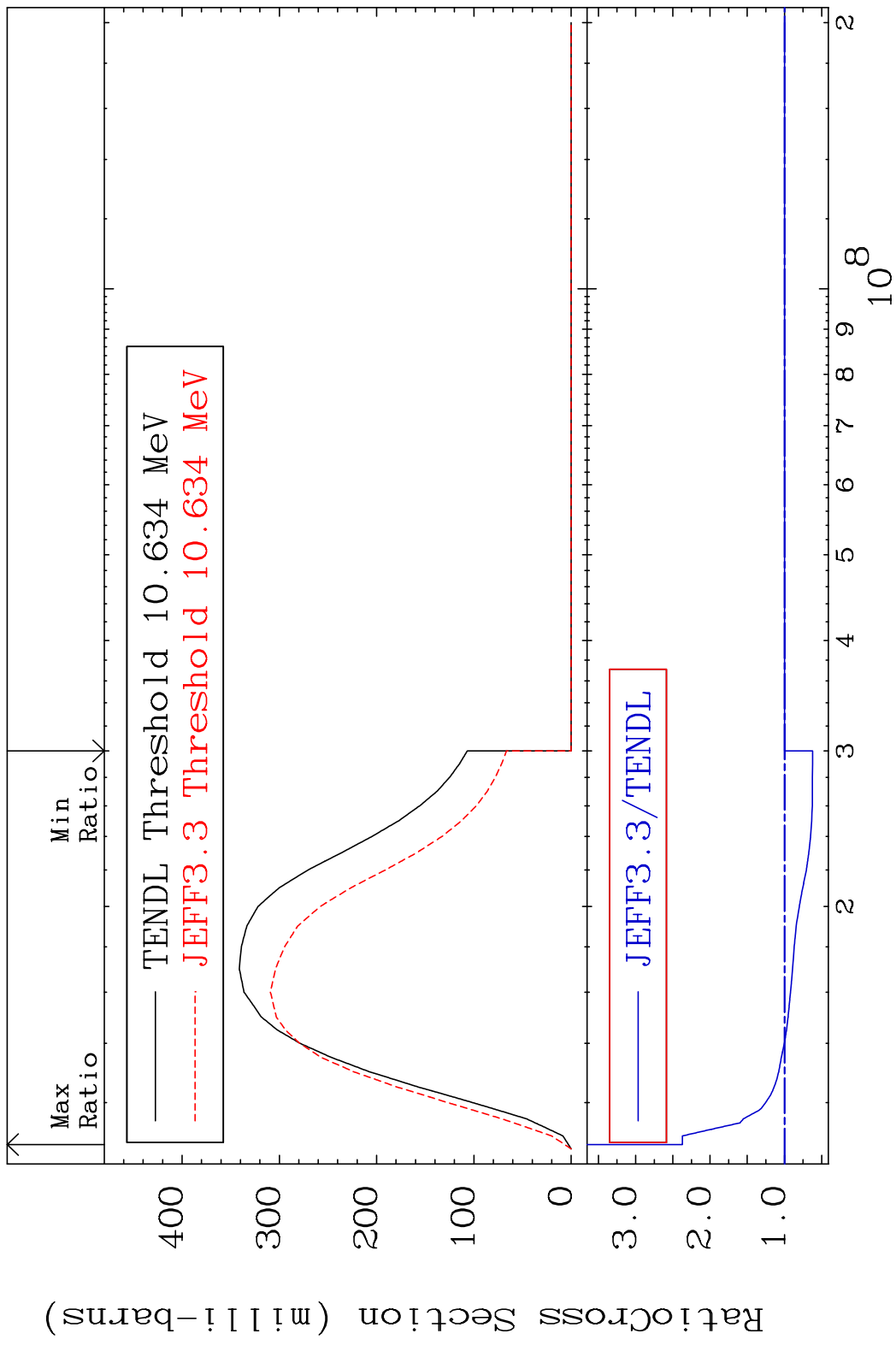


63 Incident Energy (eV) 34-Se-78

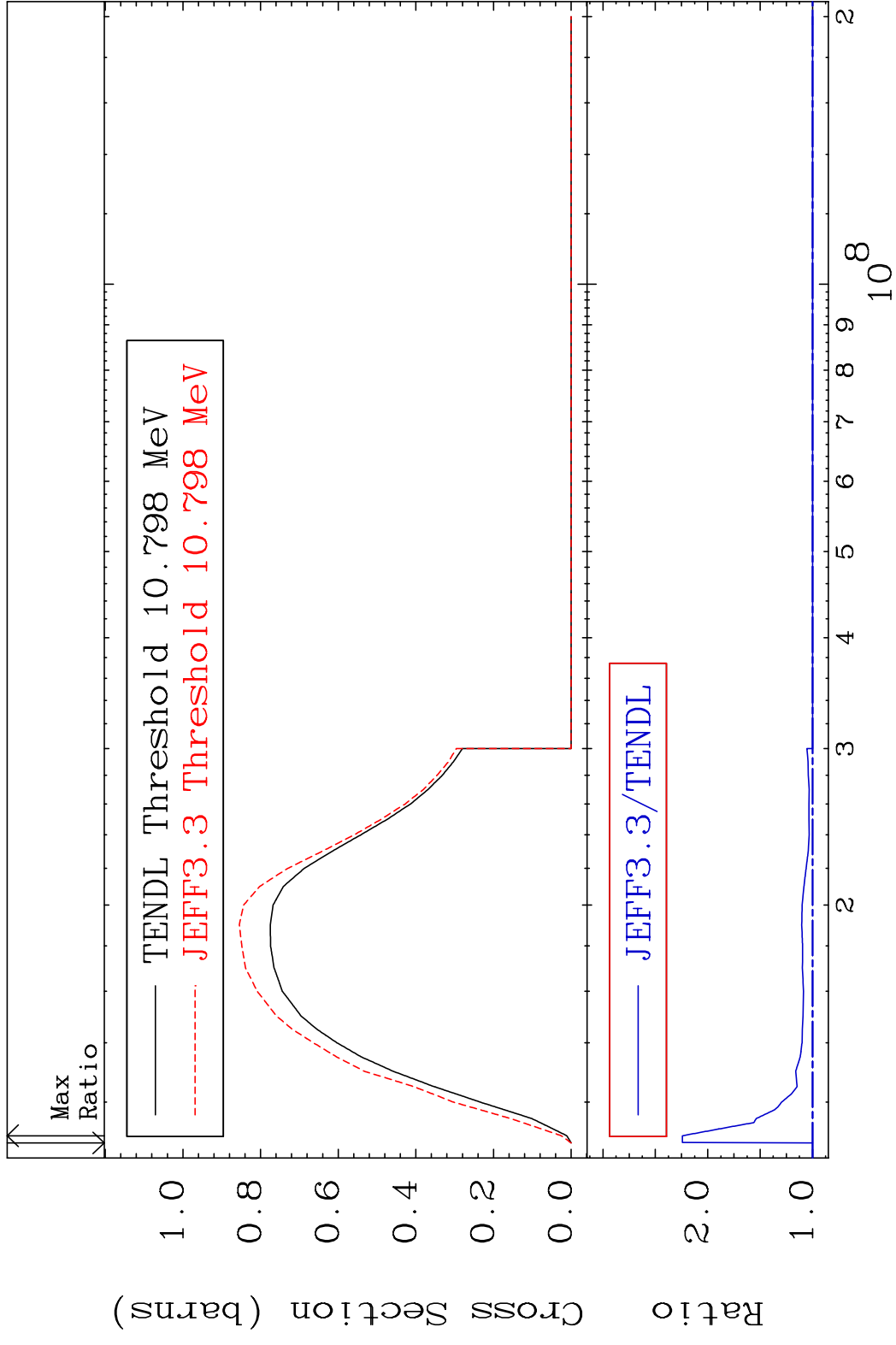
MAT 3437 Dpa disappearance (mt102 -120) 34-Se-78
 Cross Section -99.81 To 9999. %



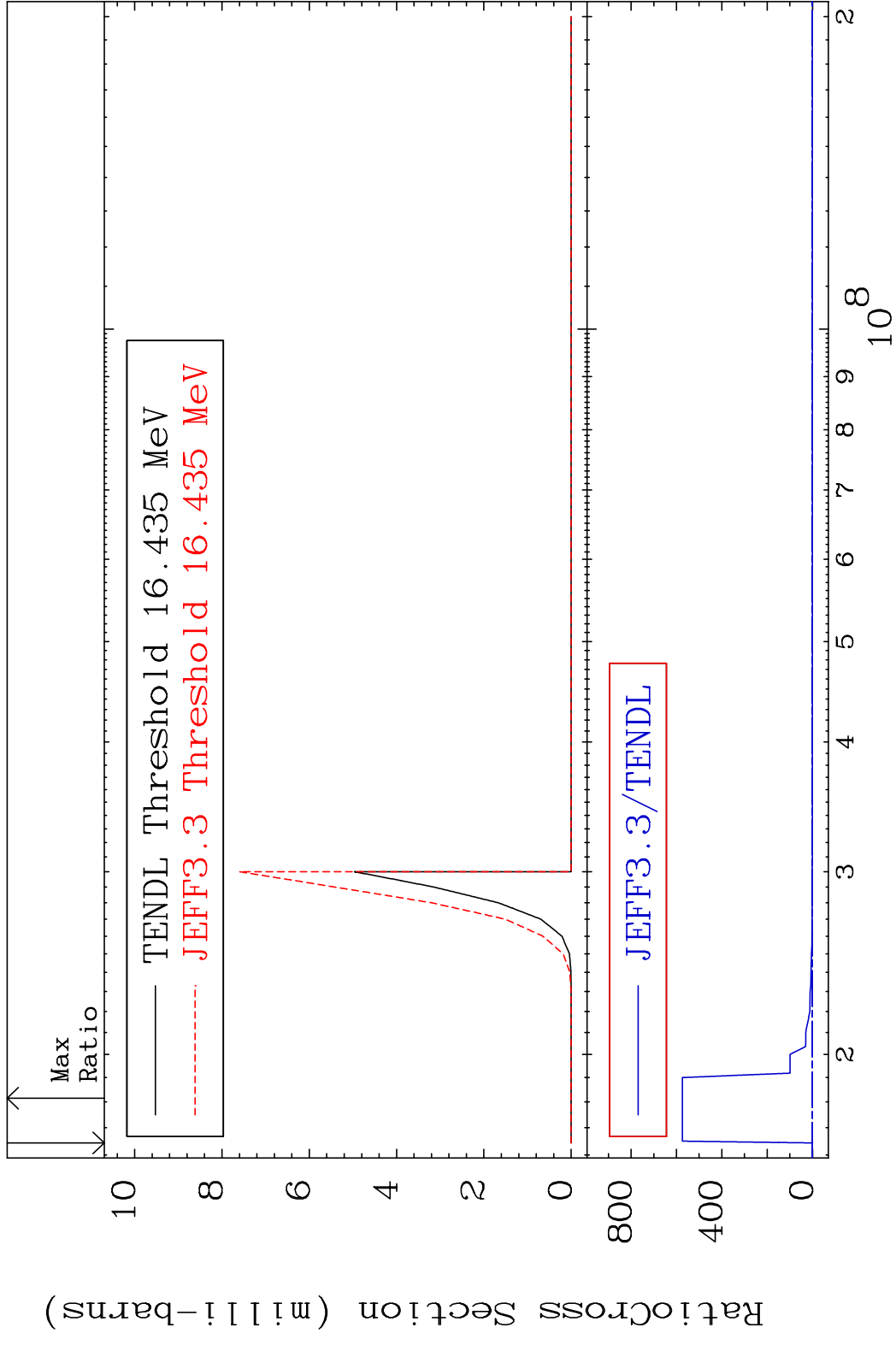
MAT 3437 (n,2n):34-Se-77g 34-Se-78
 Radionuclide Production Cross Section 137.2 %

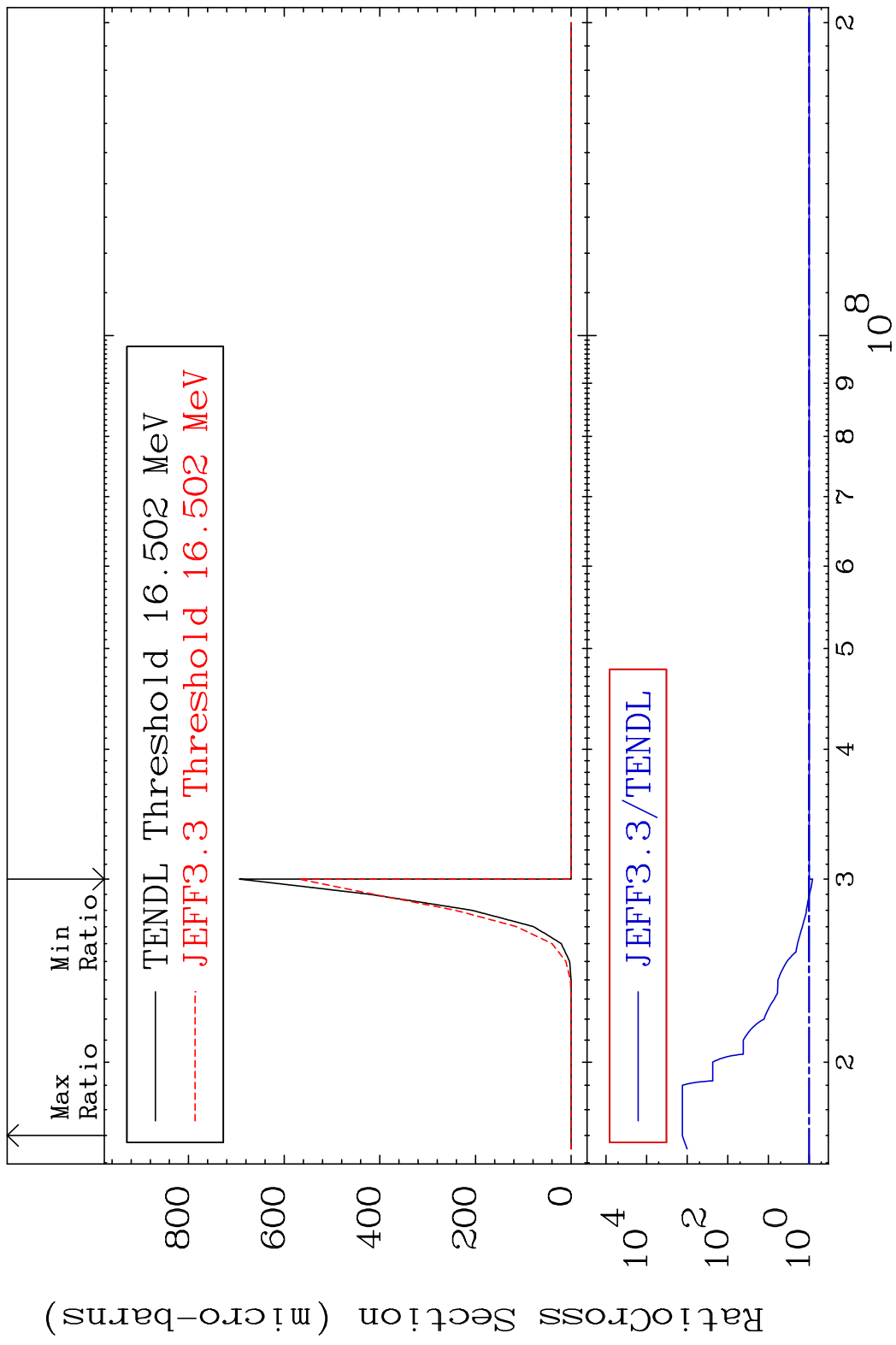


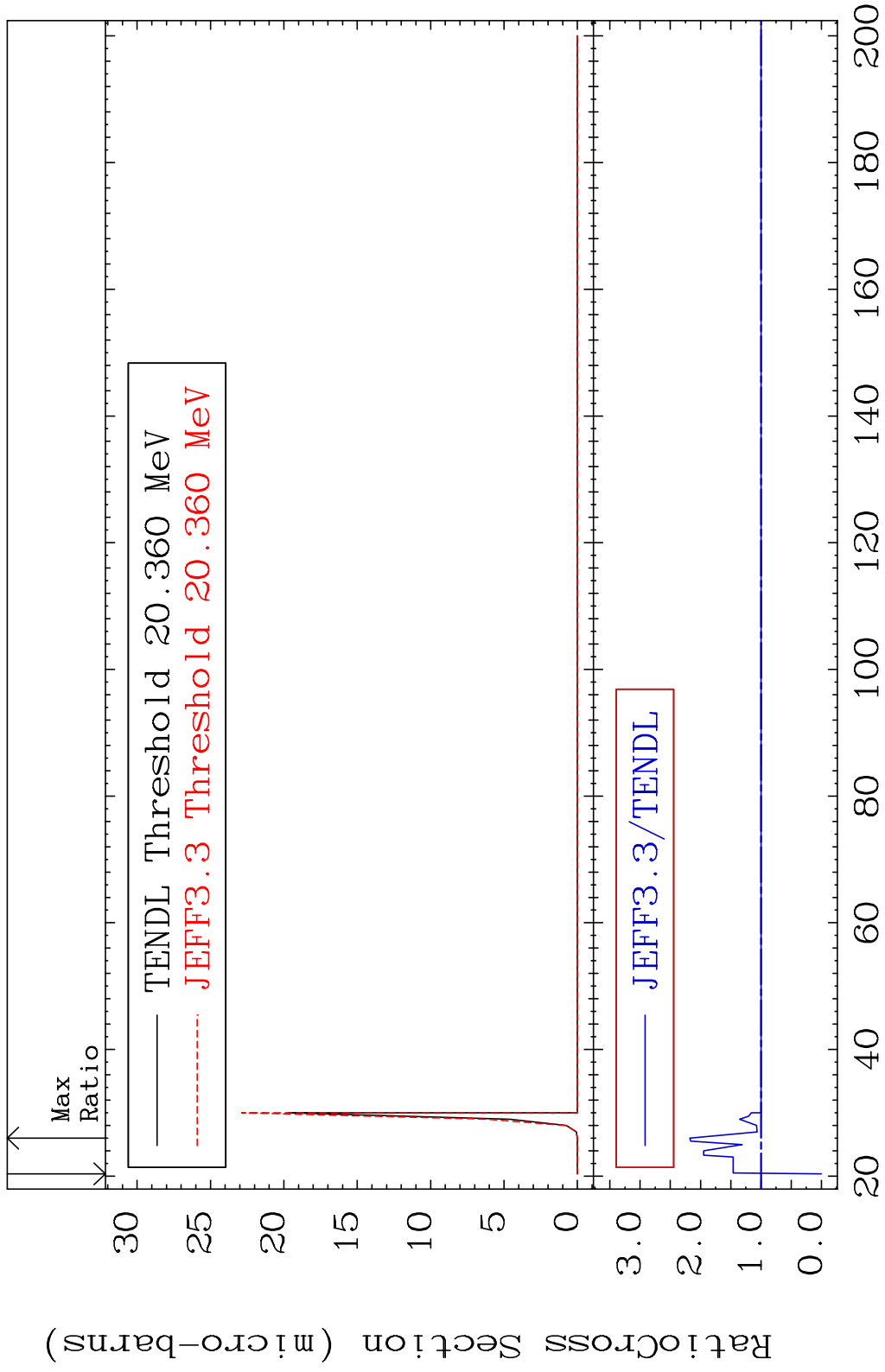
MAT 3437 (n,2n):34-Se-77m1 34-Se-78
 Radionuclide Production Cross Section 124.2 %



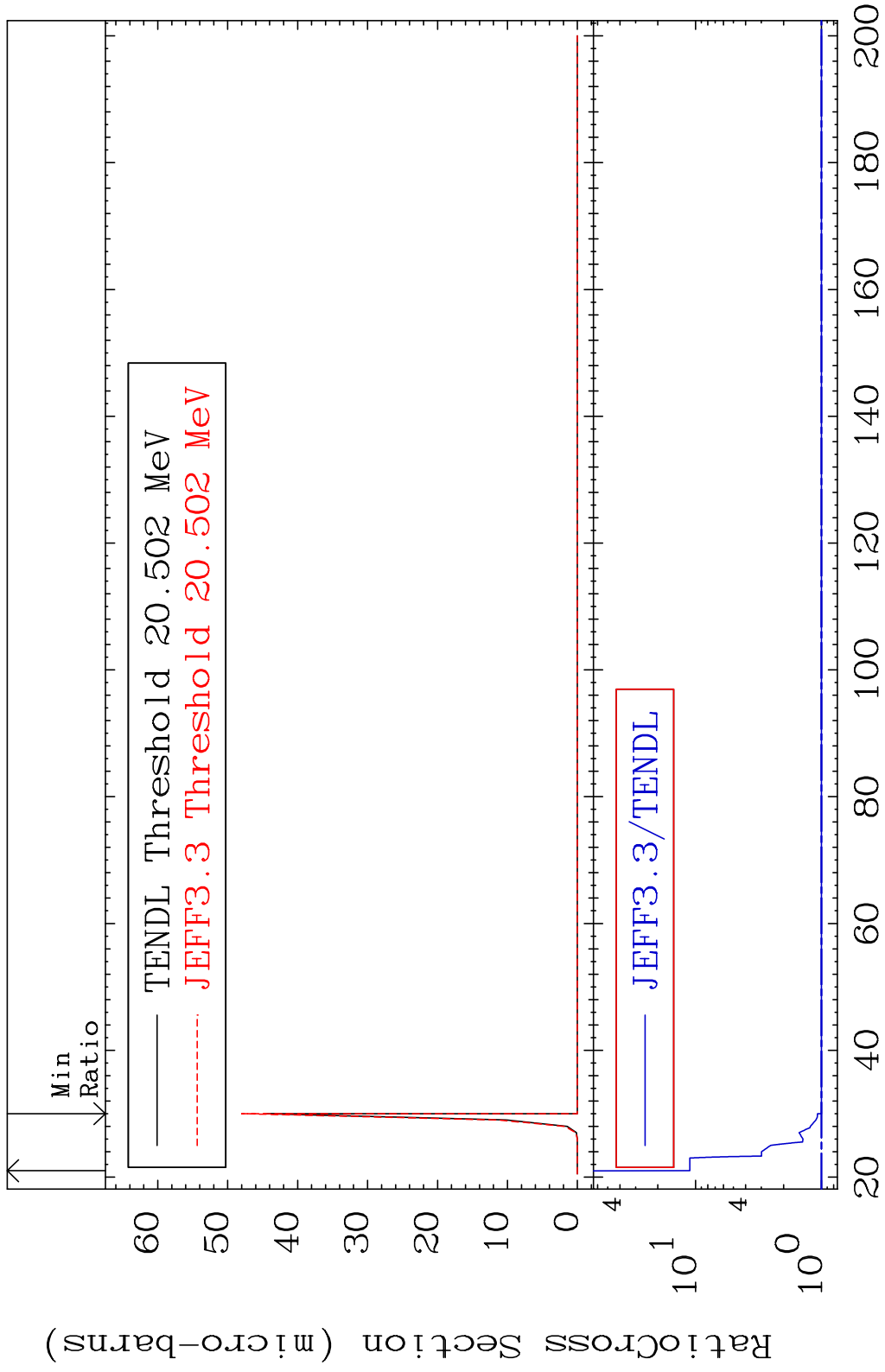
MAT 3437 (n,2n) α :32-Ge-73g 34-Se-78
 Radionuclide Production Cross Section 100.00 dth 9999. %



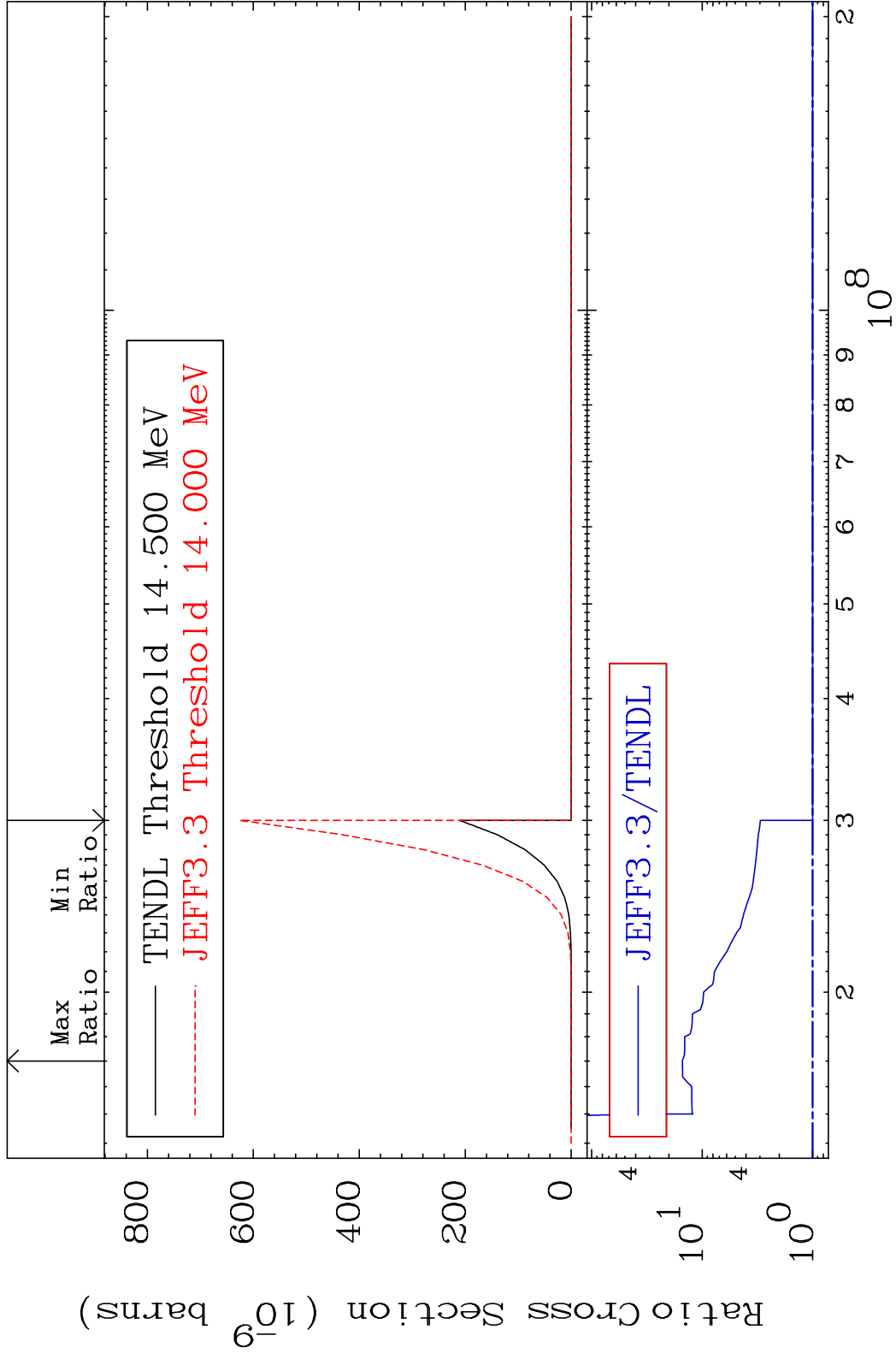


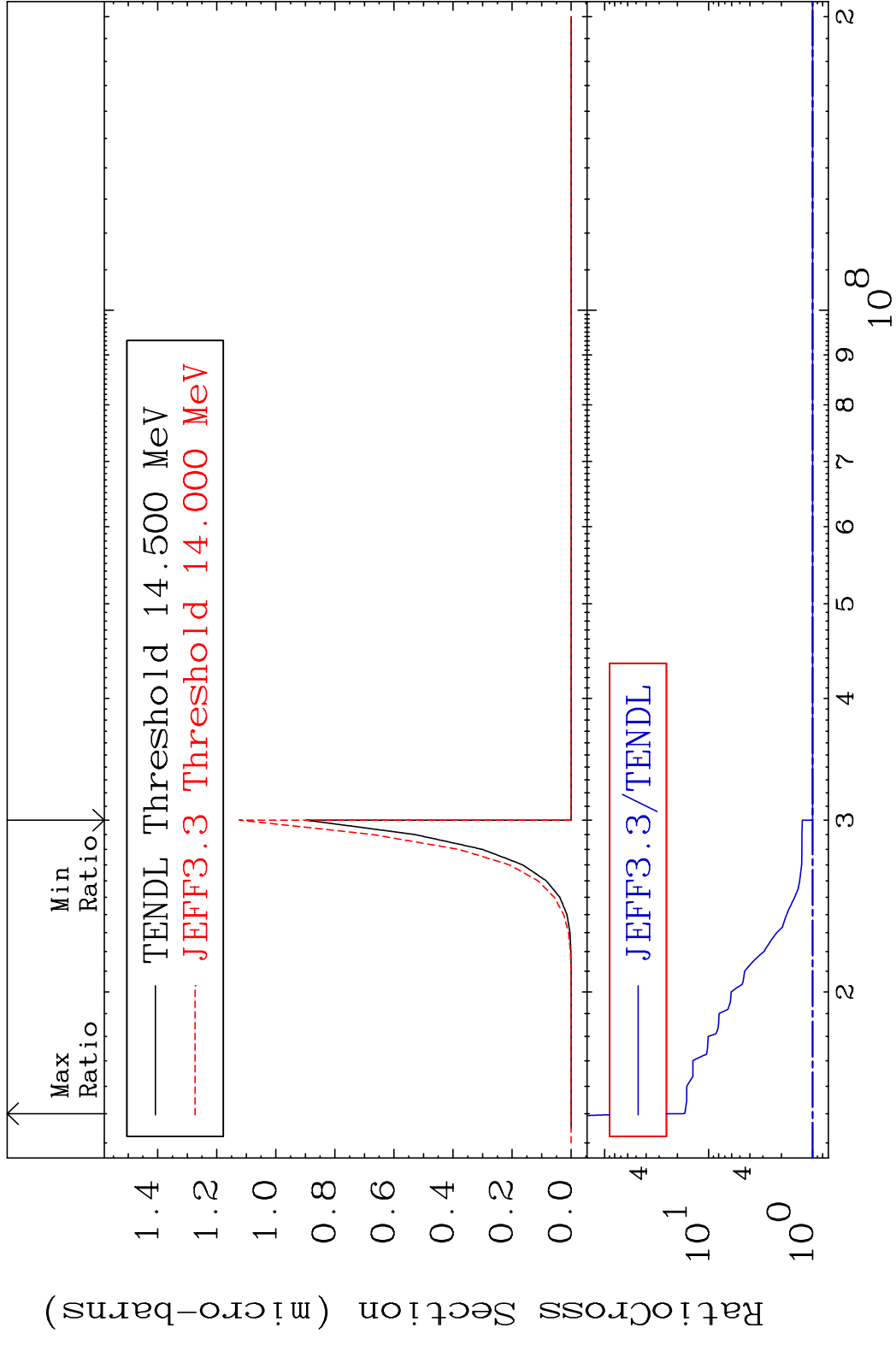


MAT 3437 (n, n') He-3:32-Ge-75m2 34-Se-78
 Radionuclide Production Cross Section 1012. %

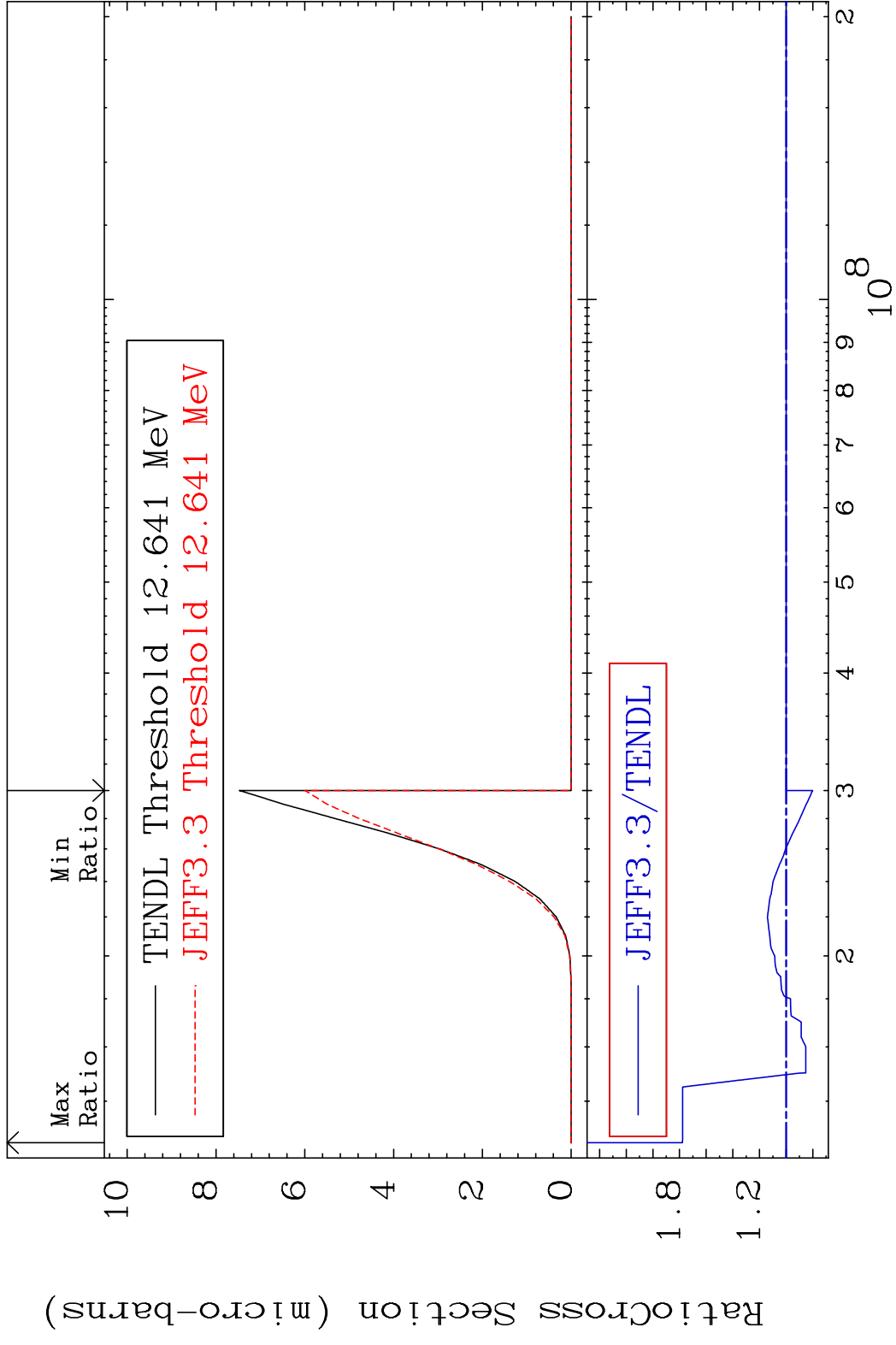


70 Incident Energy (MeV) 34-Se-78

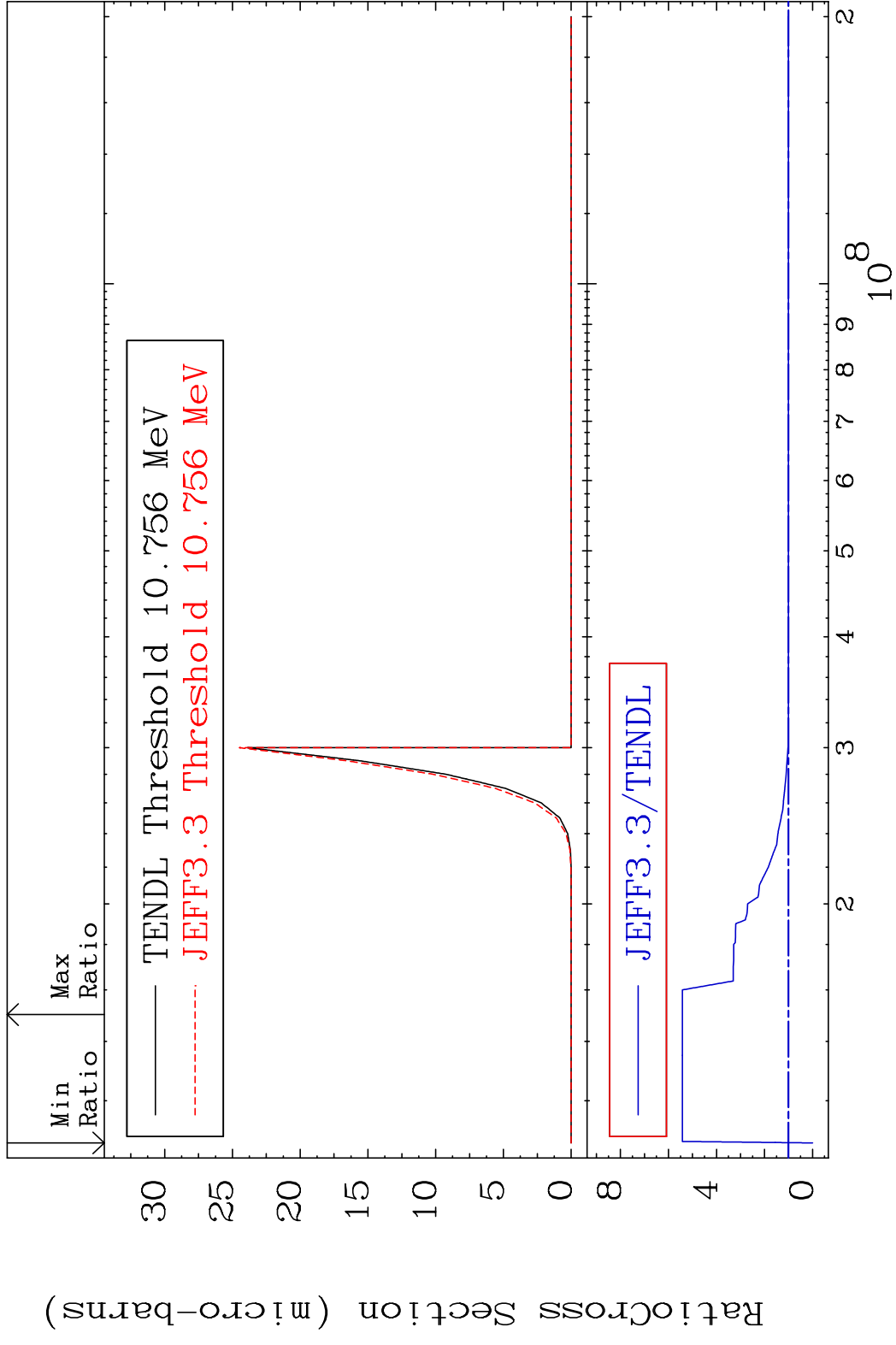


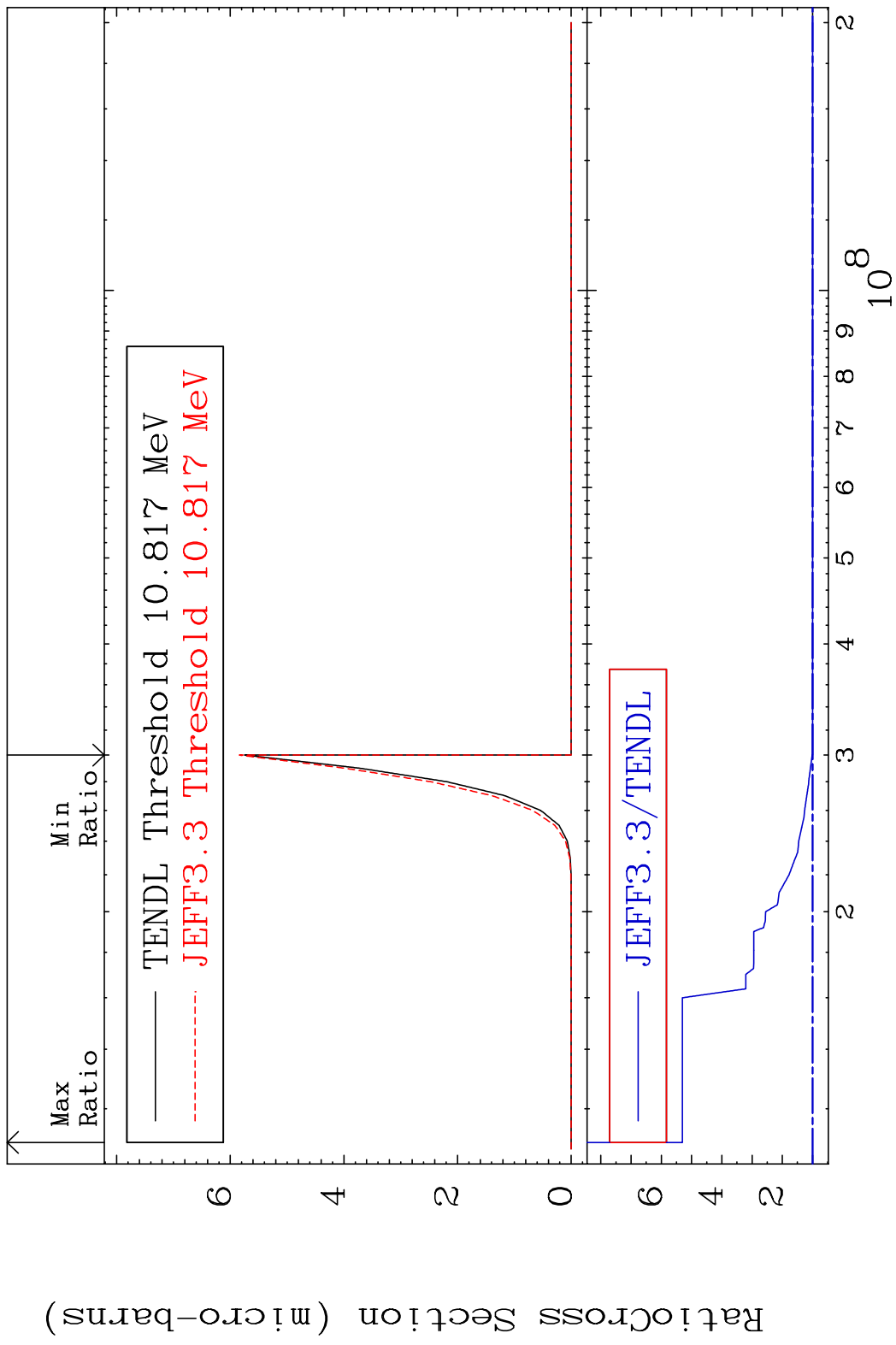


MAT 3437 (n,2p):32-Ge-77m1 34-Se-78
 Radionuclide Production Cross Section 19e02d10 77.88 %



MAT 3437 (n, p) α :31-Ga-74g 34-Se-78
 Radionuclide Production Cross Section 1800 dth 442.3 %





MAT 3437 (n, p) t:32-Ge-75g 34-Se-78
 Radionuclide Production Cross Section 98e91 d10 190.5 %

