

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

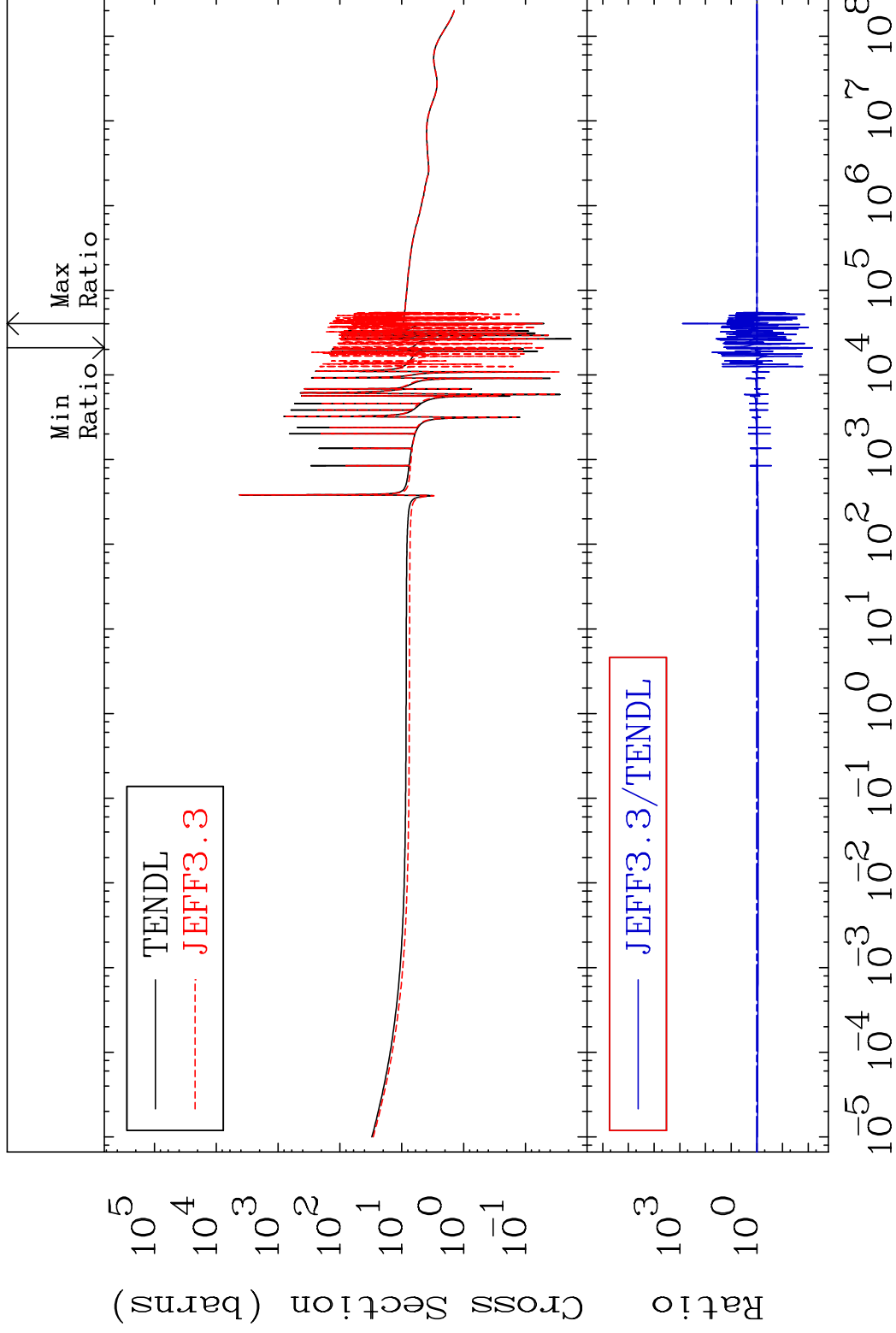
MAT 3437

Total

34-Se-78

Cross Section

-99.32 To 9999. %



1

Incident Energy (eV)

34-Se-78

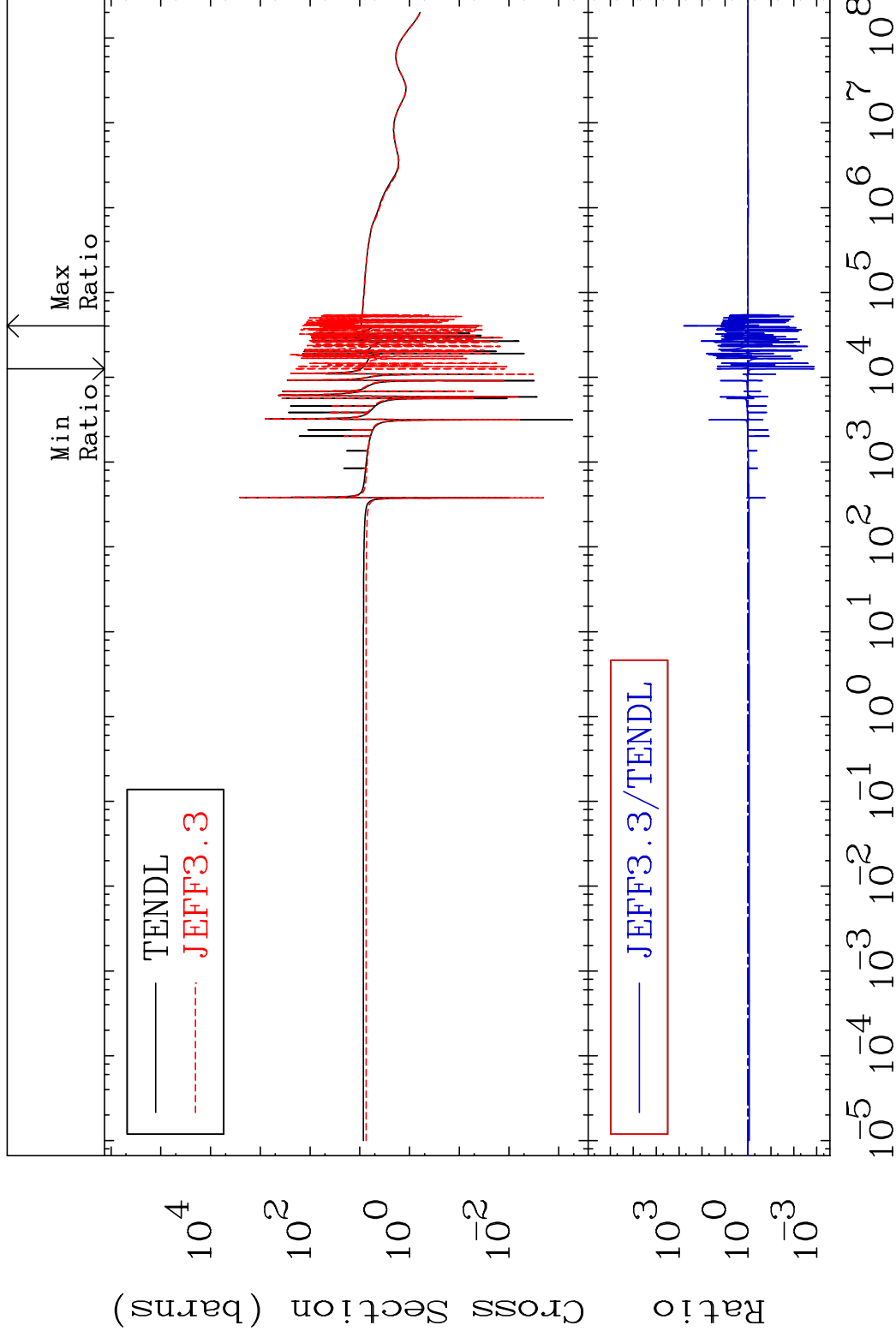
MAT 3437

Elastic

34-Se-78

Cross Section

-99.87 To 9999. %



2

Incident Energy (eV)

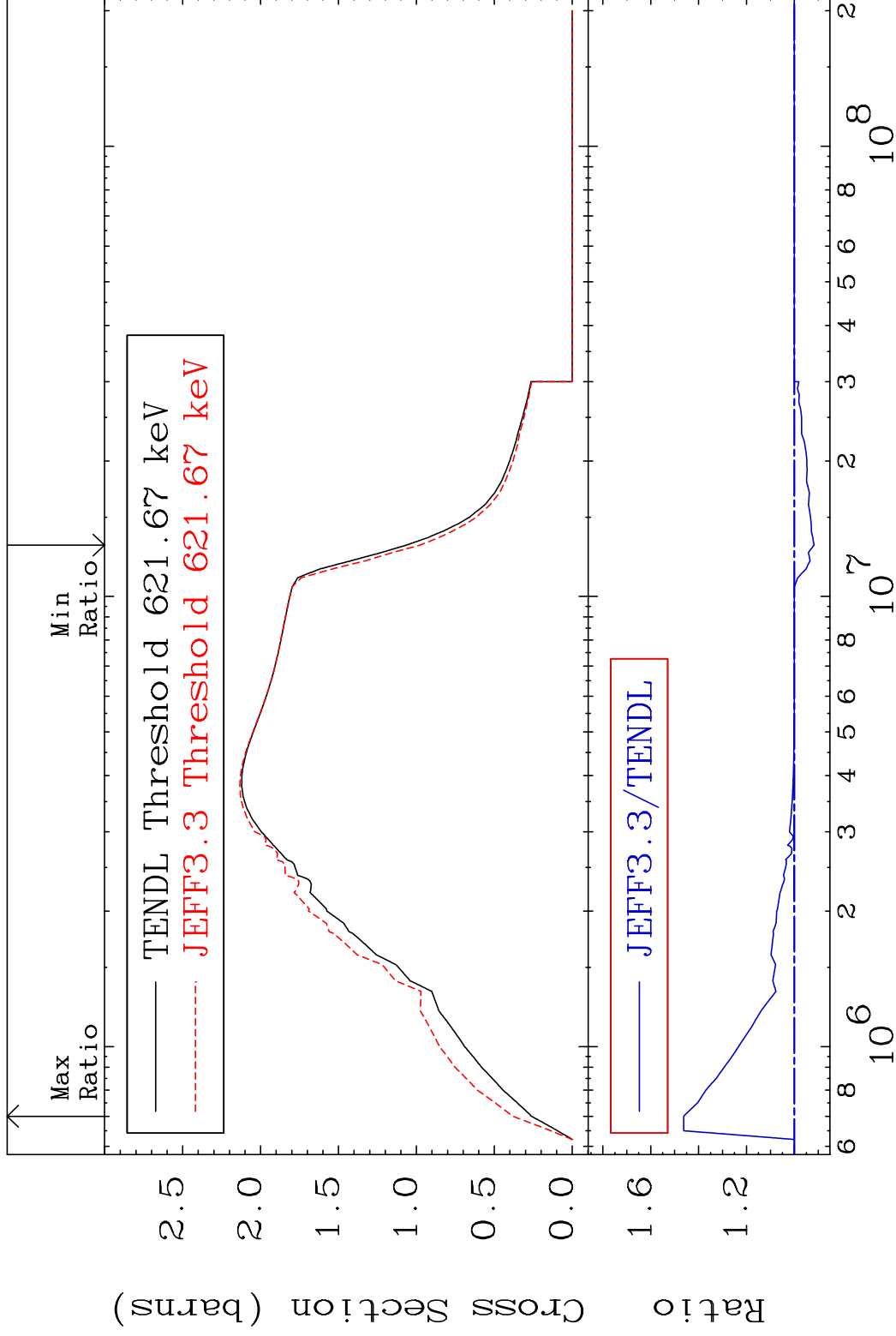
34-Se-78

MAT 3437

Inelastic

³⁴Se-78

Cross Section -8.243 To 46.24 %



3

Incident Energy (eV)

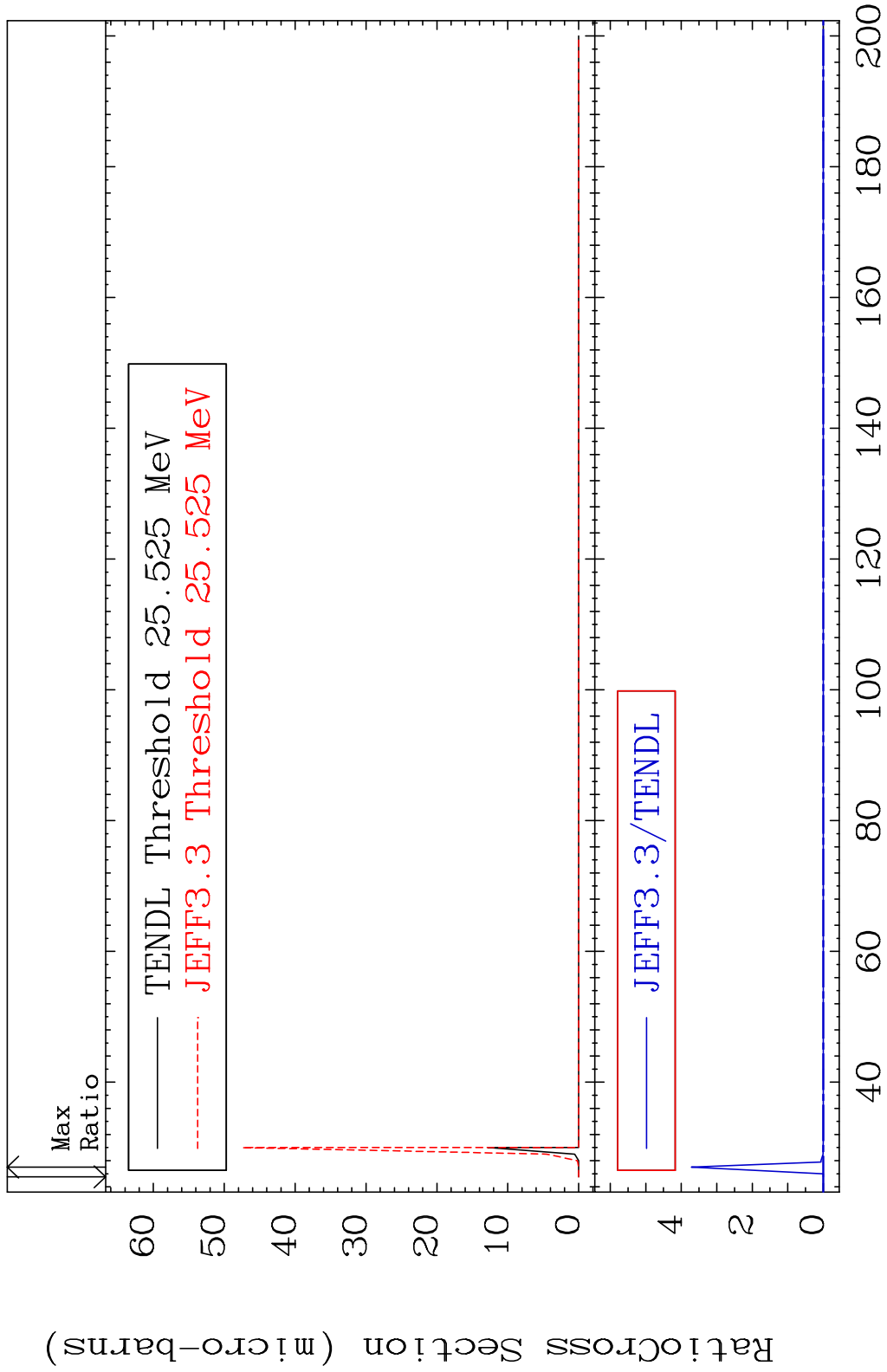
³⁴Se-78

MAT 3437

(n,2n) d

34-Se-78

Cross Section -100.0 To 9999. %



4

Incident Energy (MeV)

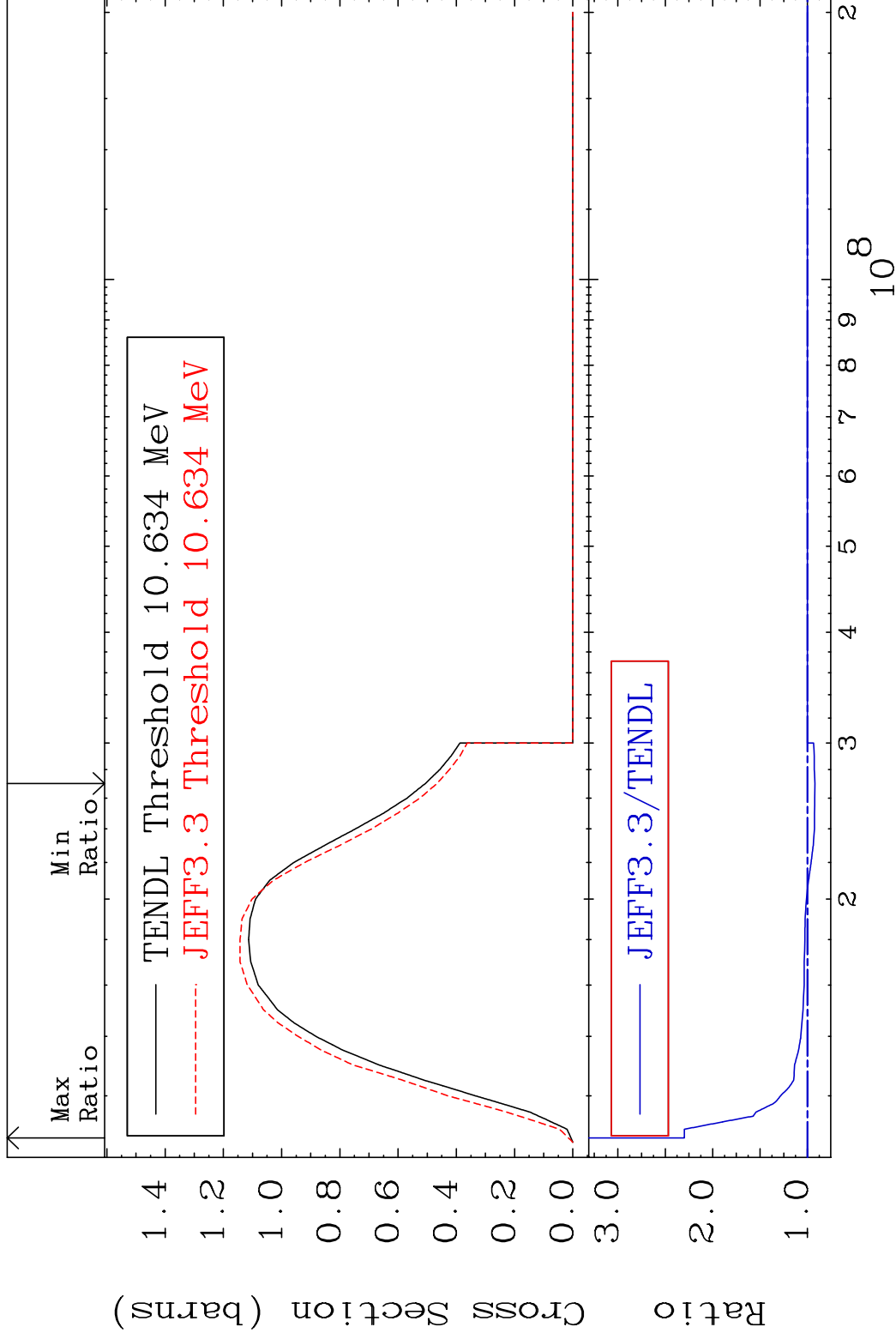
34-Se-78

MAT 3437

(n,2n)

34-Se-78

Cross Section -7.885 To 129.9 %



5

Incident Energy (eV)

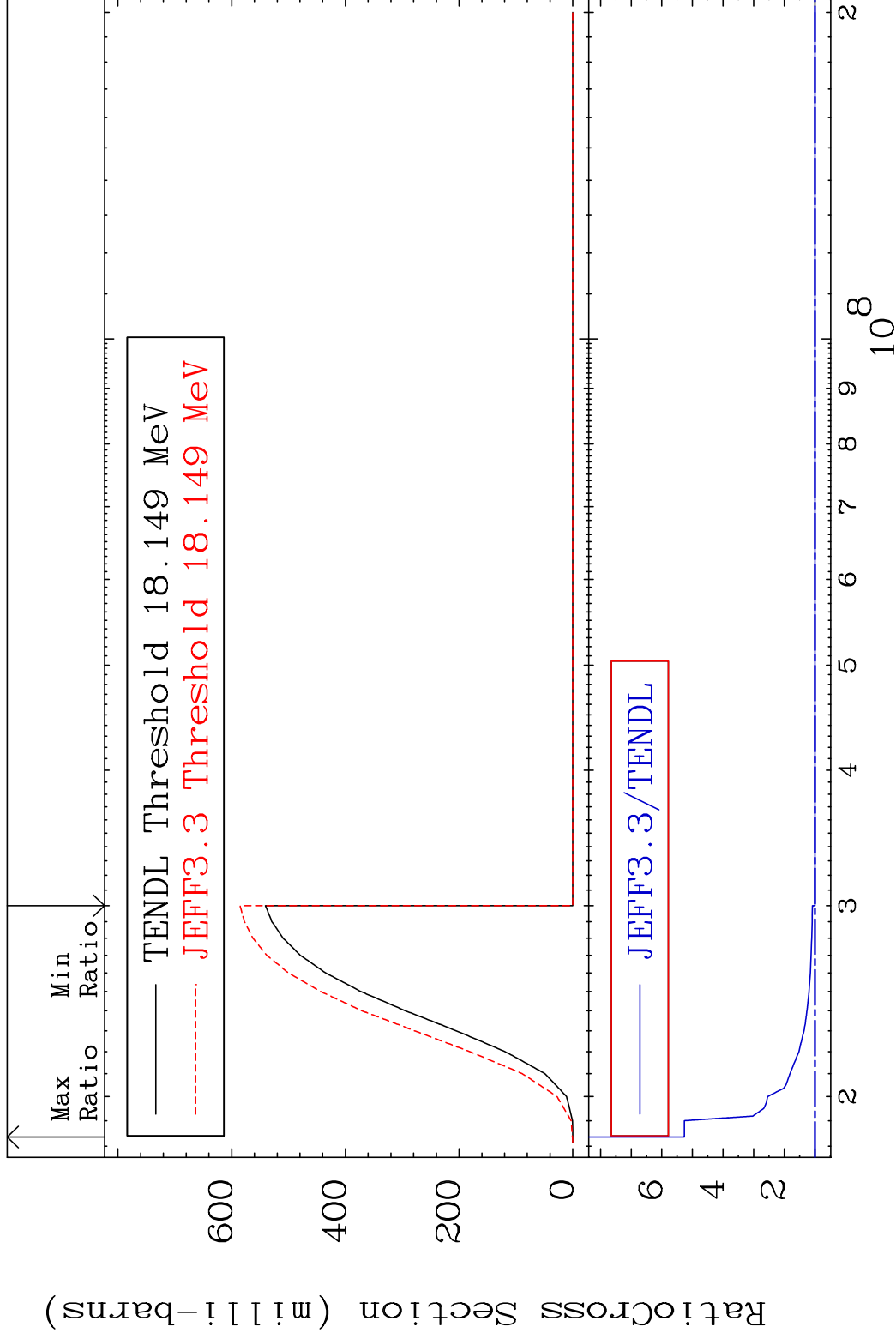
34-Se-78

MAT 3437

(n,3n)

³⁴Se-78

Cross Section 0.000 To 426.5 %



6

Incident Energy (eV)

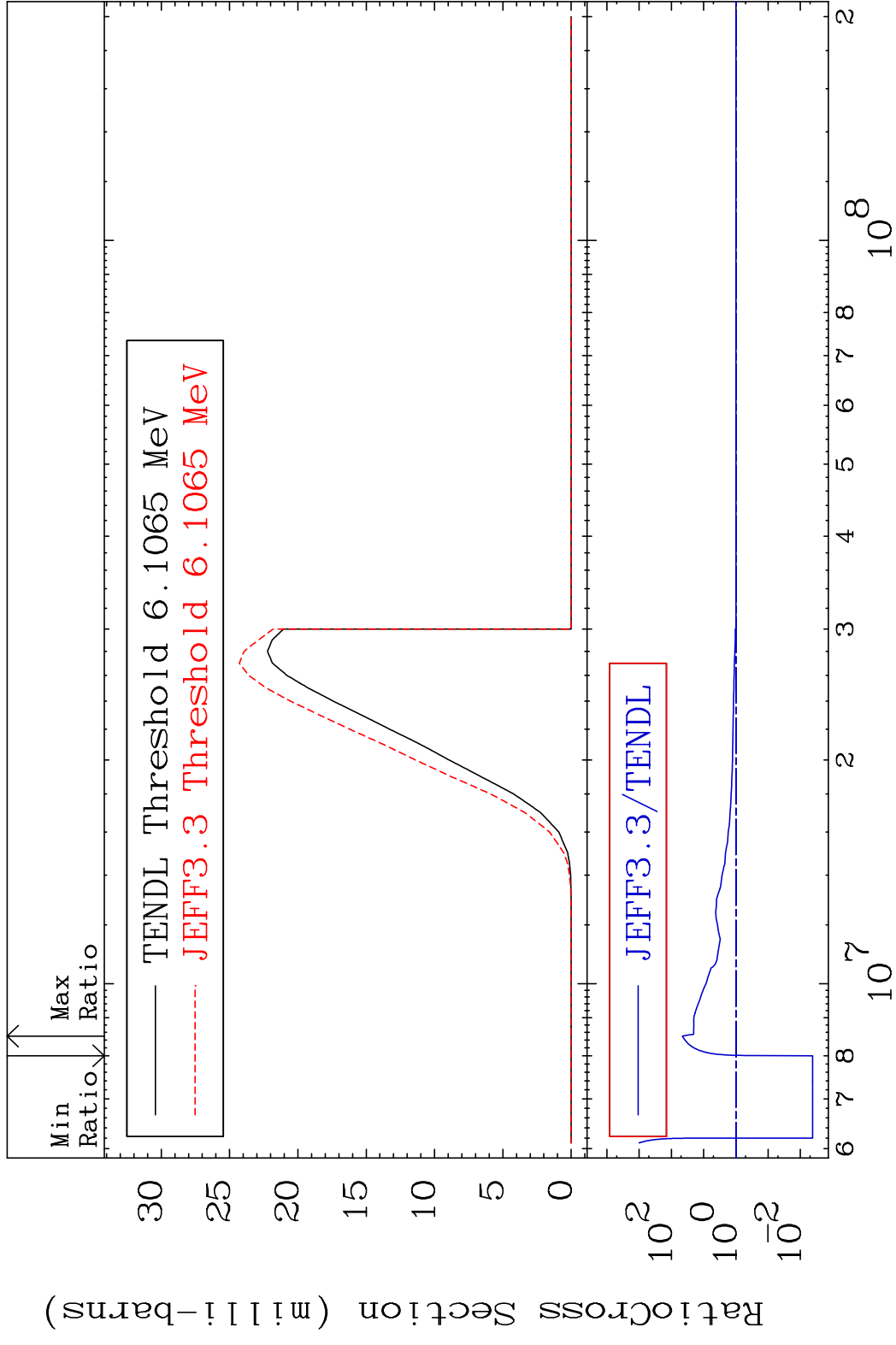
³⁴Se-78

MAT 3437

(n, n') α

34-Se-78

Cross Section -99.58 To 4476. %



7

Incident Energy (eV)

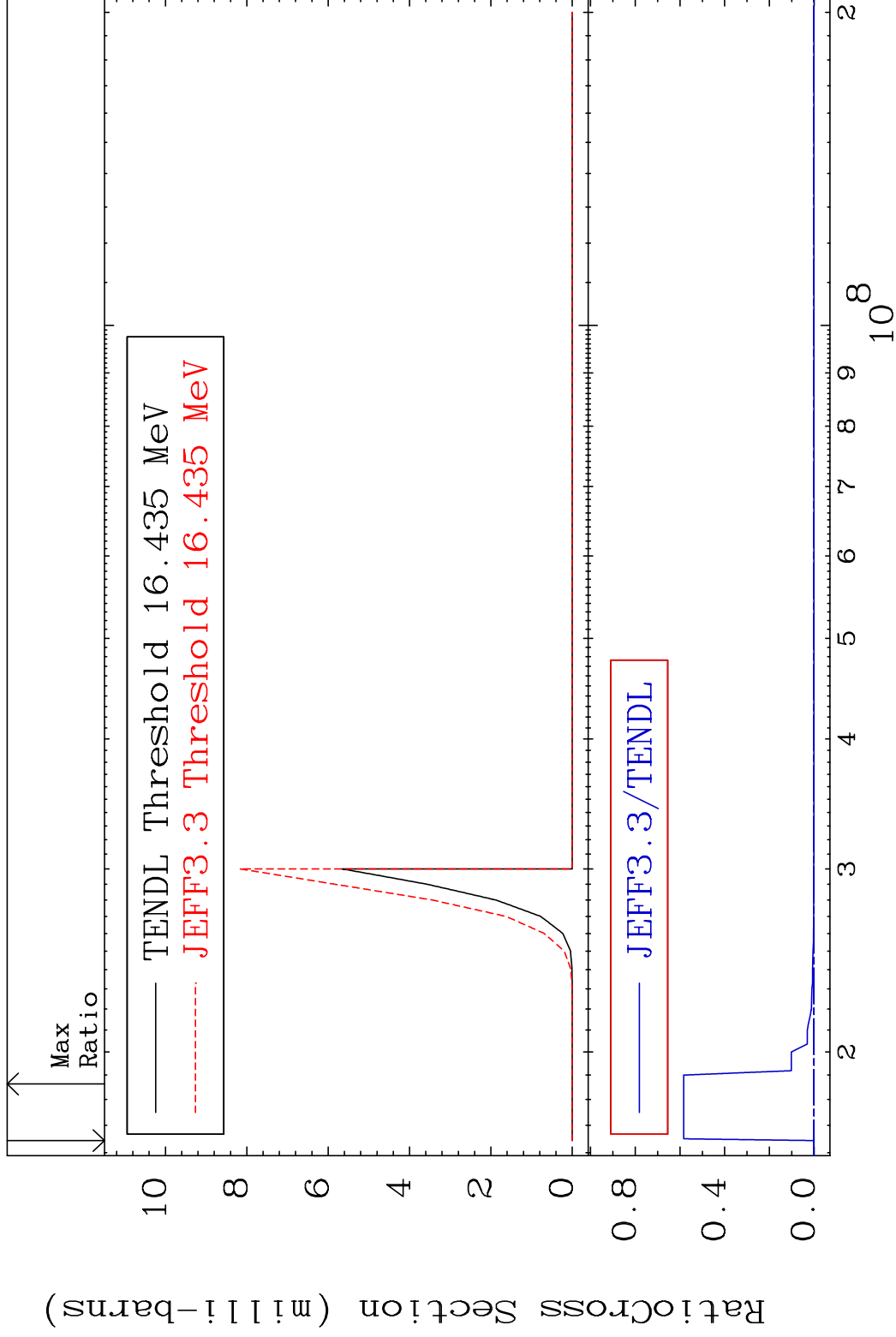
34-Se-78

MAT 3437

(n,2n) α

34-Se-78

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

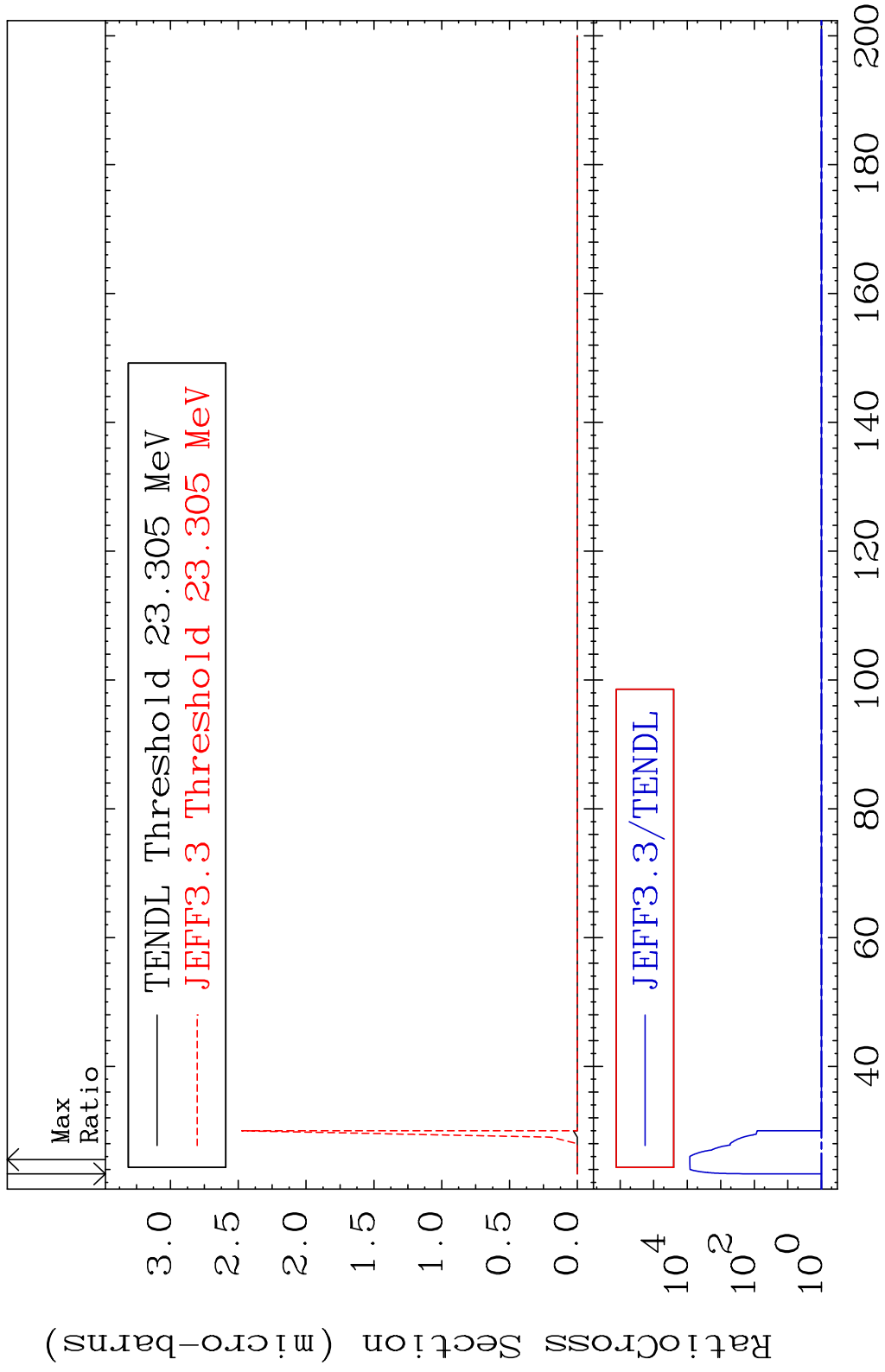
34-Se-78

MAT 3437

(n,3n) α

34-Se-78

Cross Section 0.000 To 9999. %

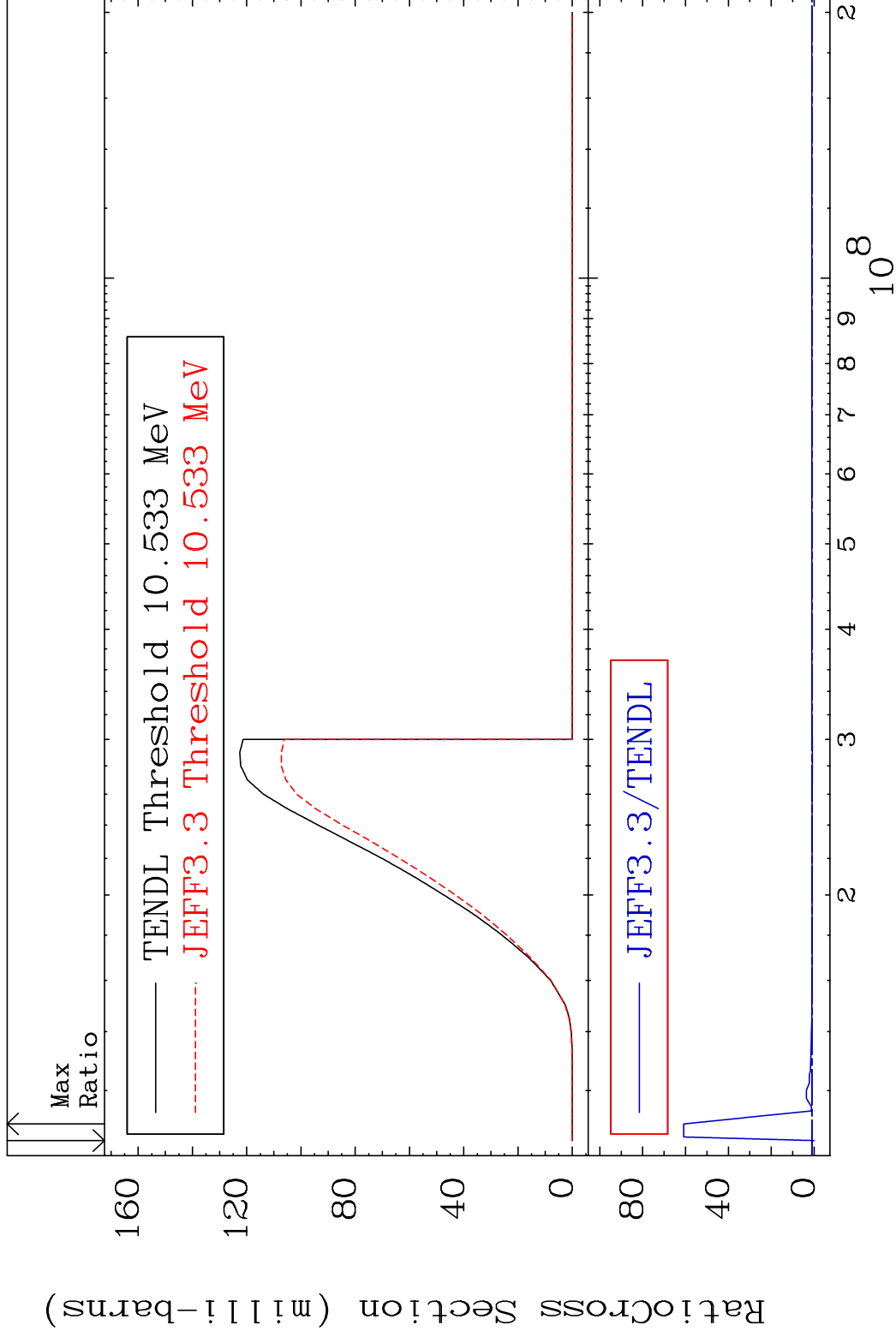


MAT 3437

(n, n') p

34-Se-78

Cross Section -100.0 To 5987. %

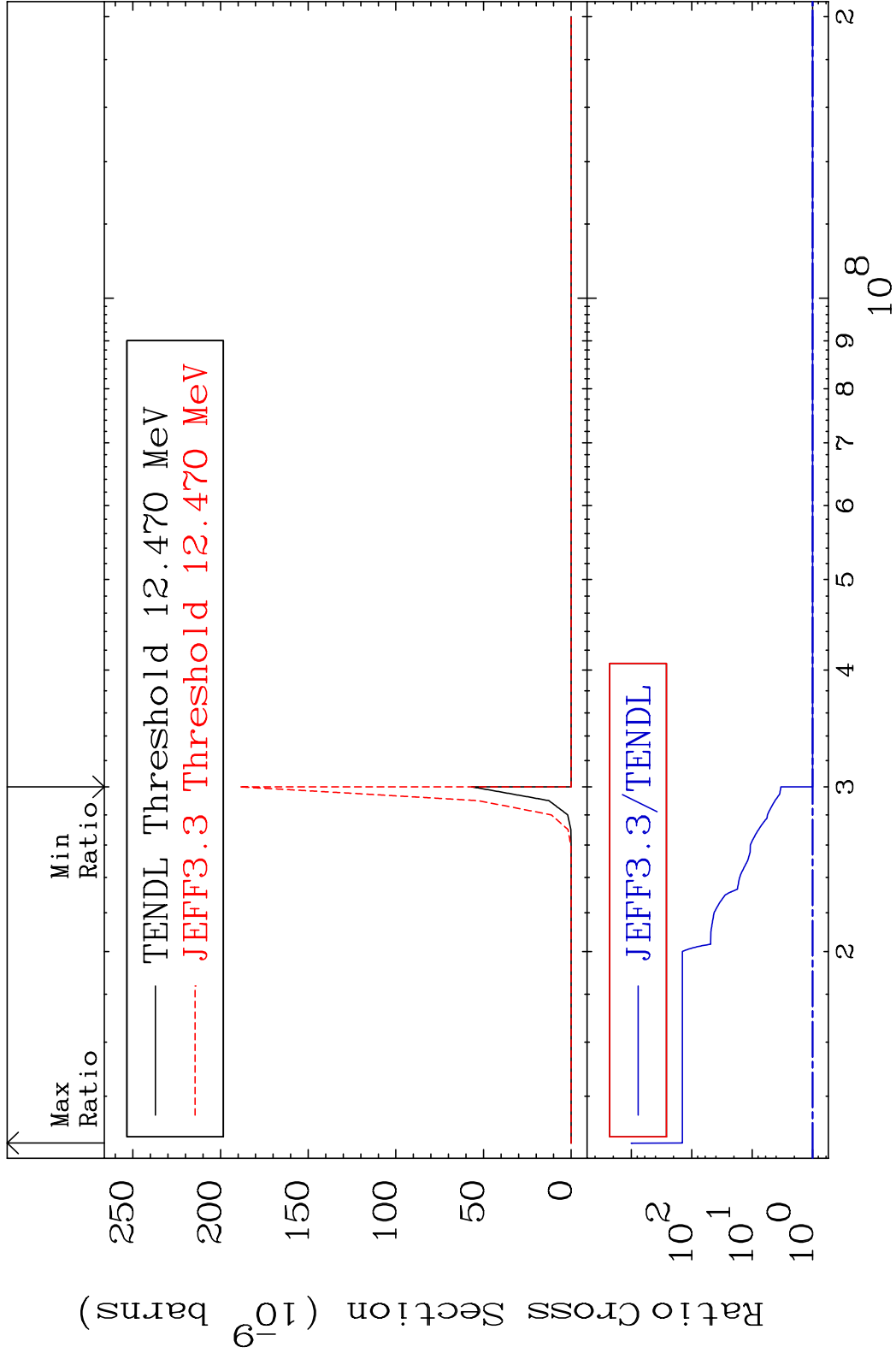


10

Incident Energy (eV)

34-Se-78

MAT 3437 (n, n') 2α 34-Se-78
 Cross Section 0.000 To 9999. %

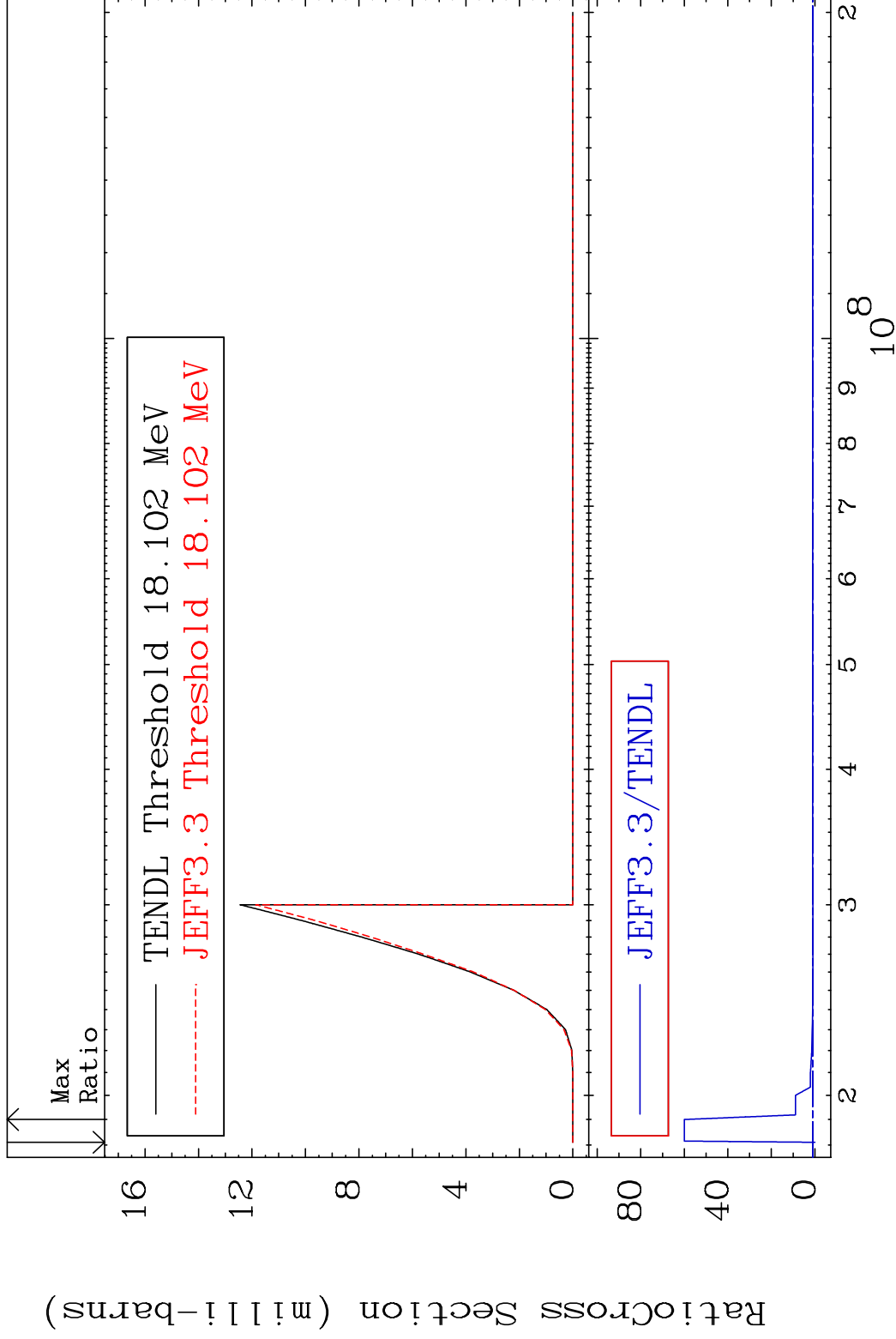


MAT 3437

(n, n') d

34-Se-78

Cross Section -100.0 To 5899. %



12

Incident Energy (eV)

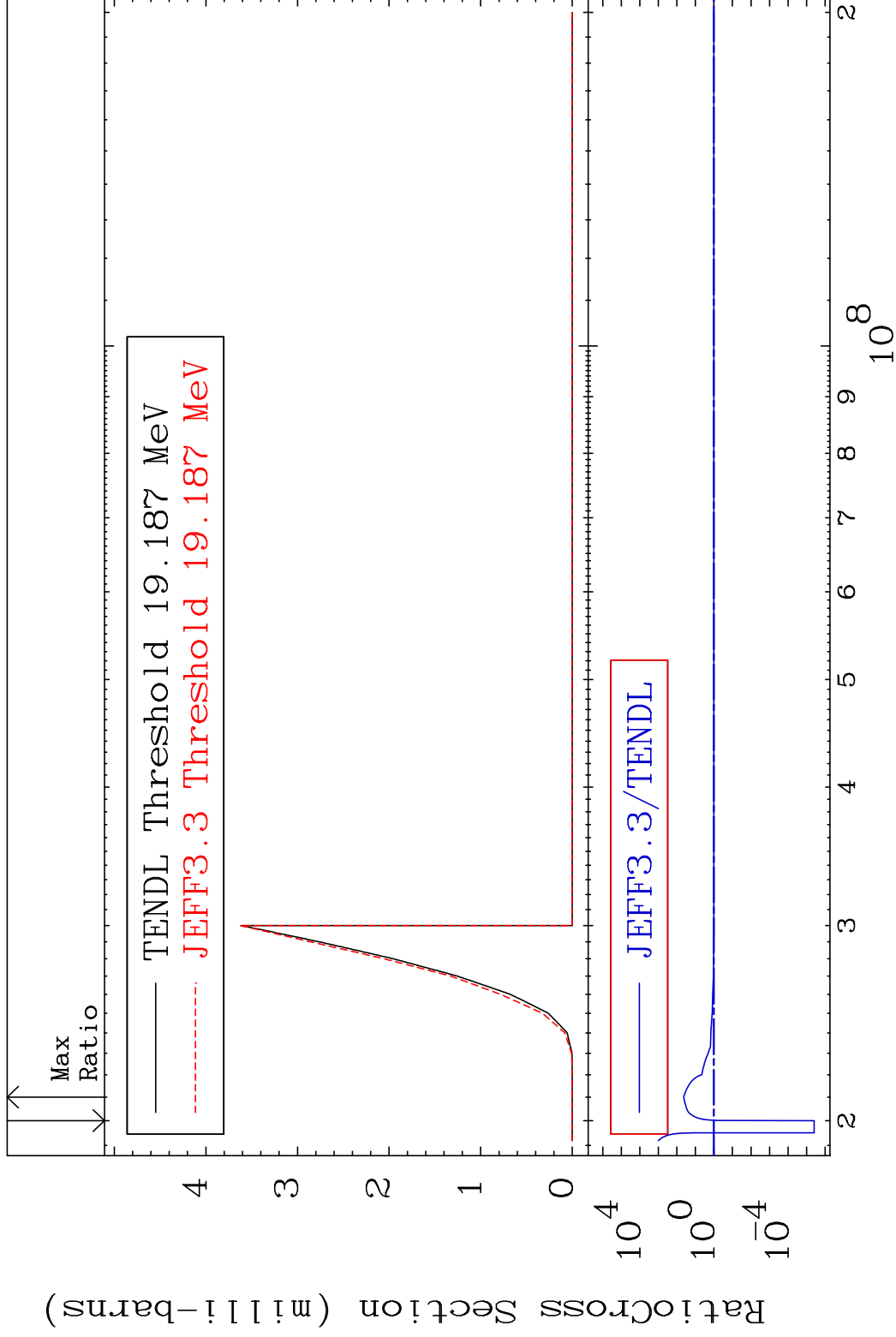
34-Se-78

MAT 3437

(n, n') t

³⁴Se-78

Cross Section -100.0 To 4205. %



13

Incident Energy (eV)

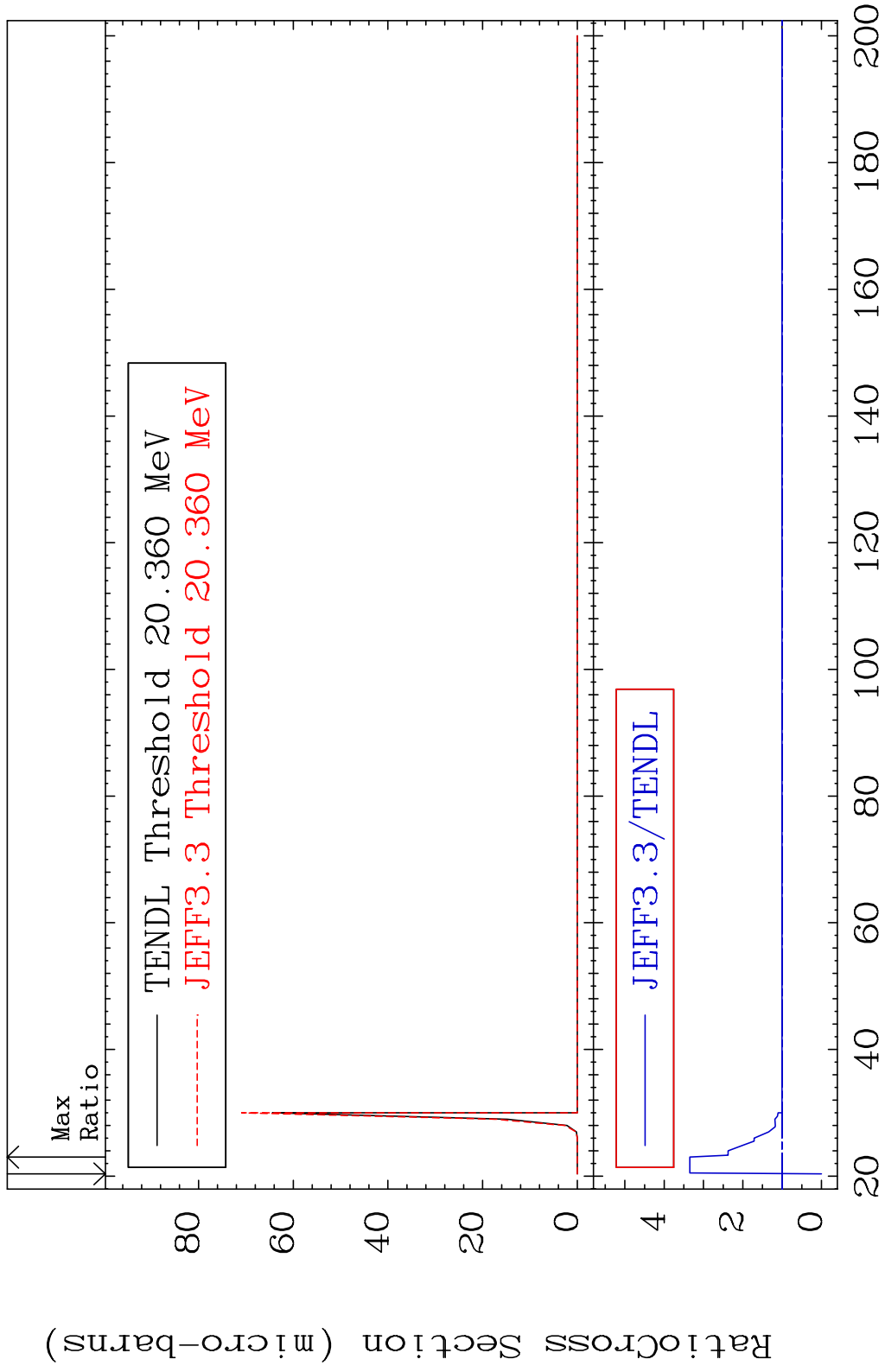
³⁴Se-78

MAT 3437

(n,n') He-3

34-Se-78

Cross Section -100.0 To 234.9 %



14

Incident Energy (MeV)

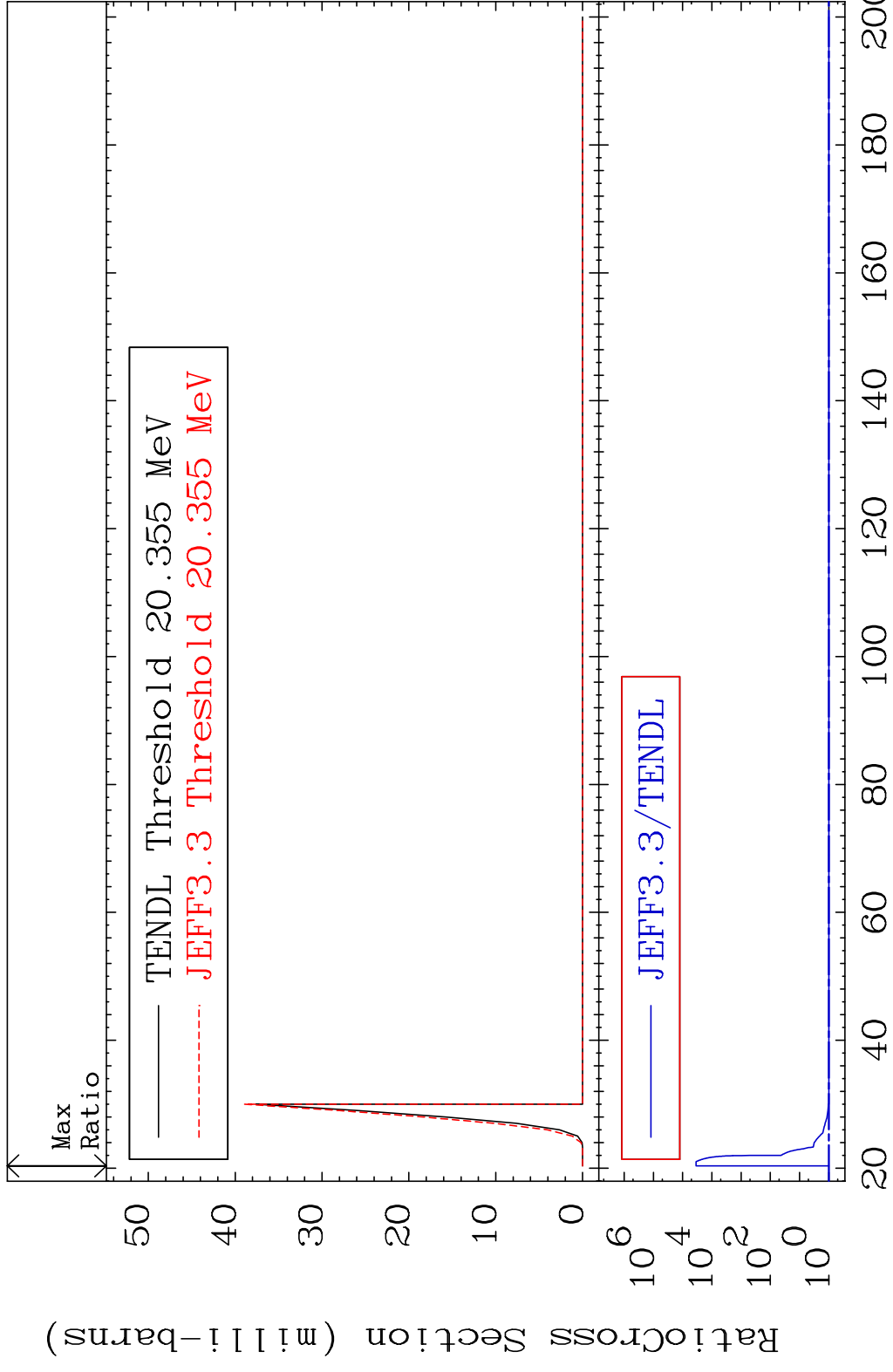
34-Se-78

MAT 3437

(n,2n) p

³⁴Se-78

Cross Section 0.000 To 9999. %

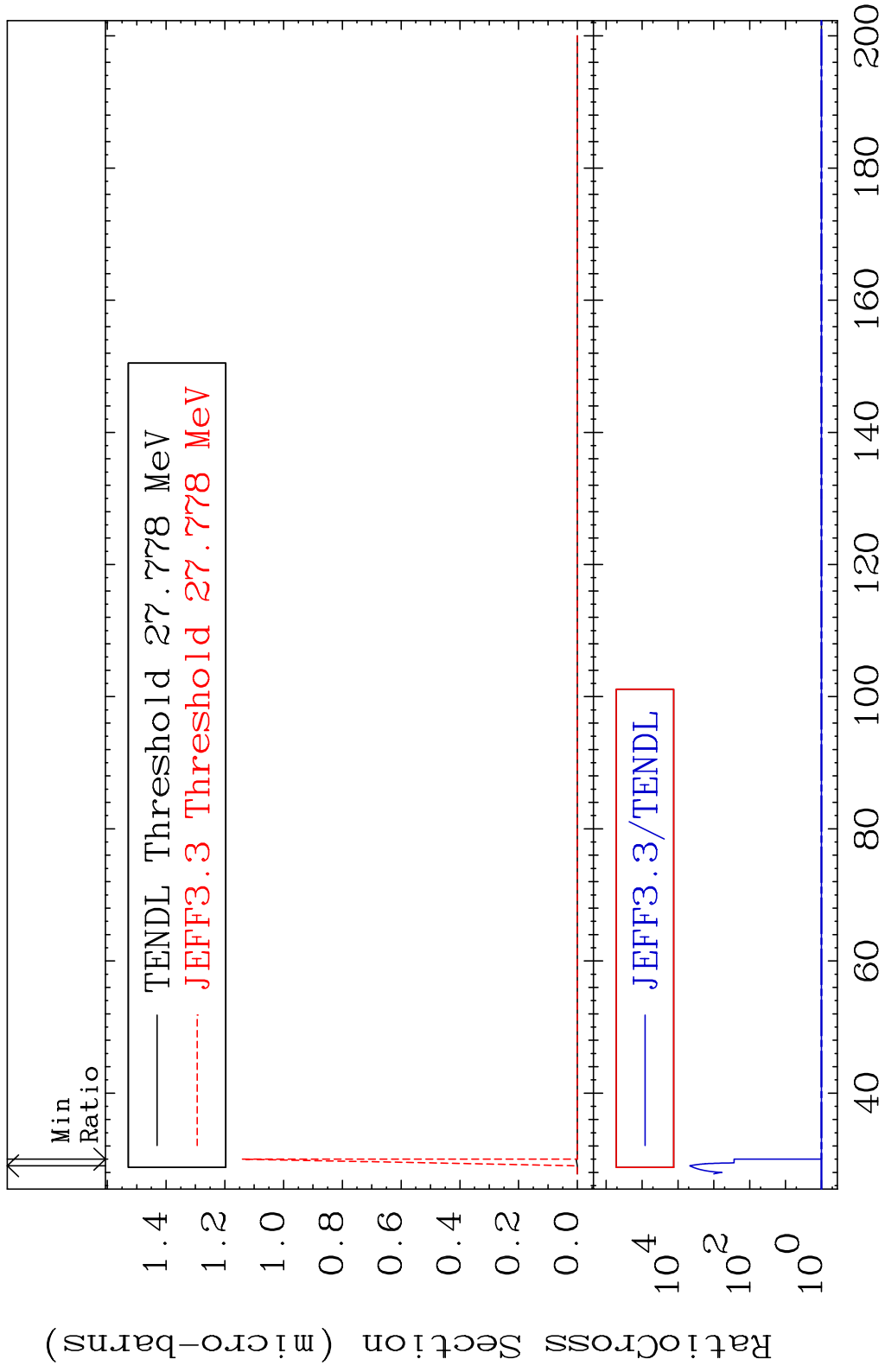


MAT 3437

(n,3n) p

34-Se-78

Cross Section 0.000 To 9999. %

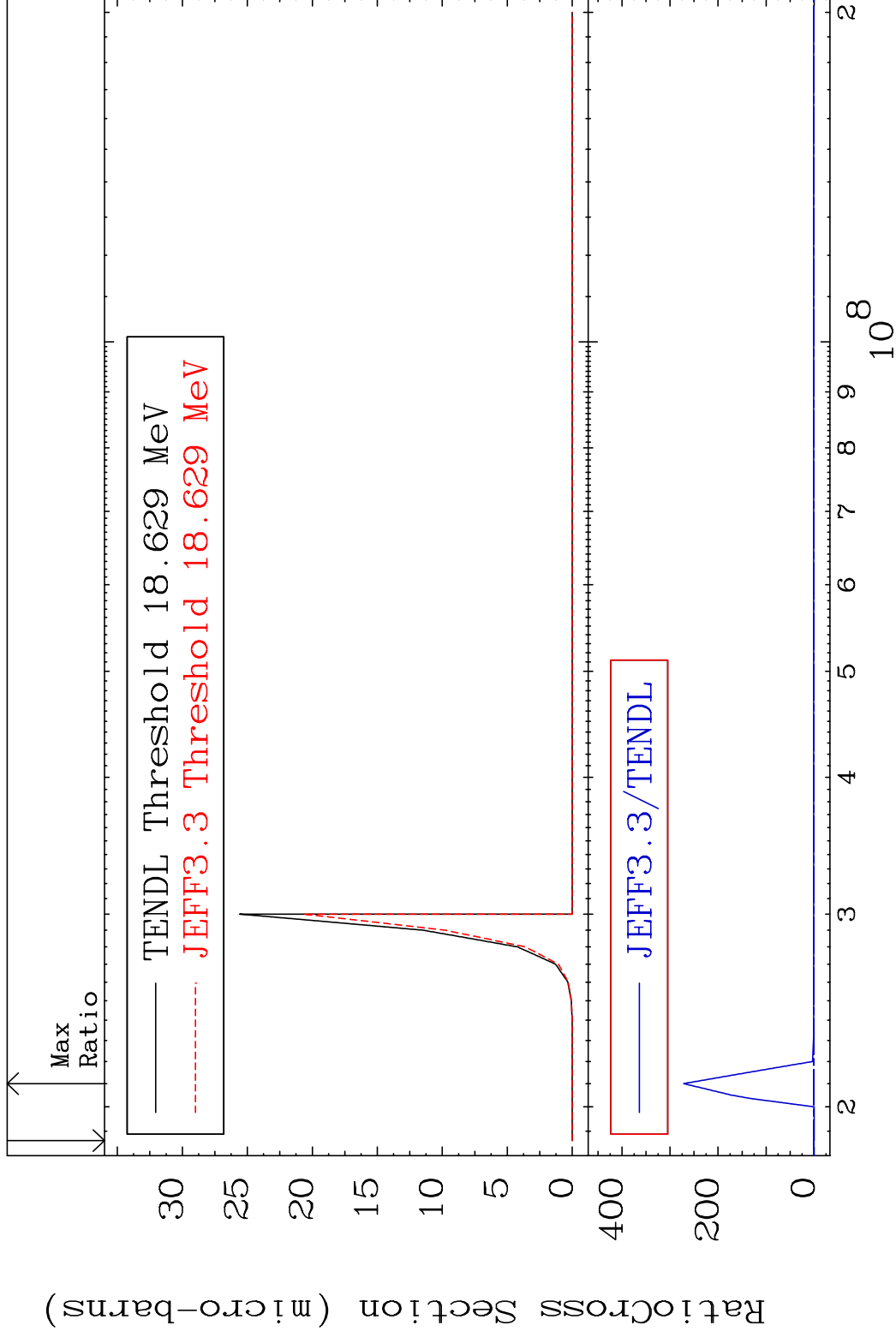


MAT 3437

(n,2n) p

³⁴Se-78

Cross Section -100.0 To 9999. %

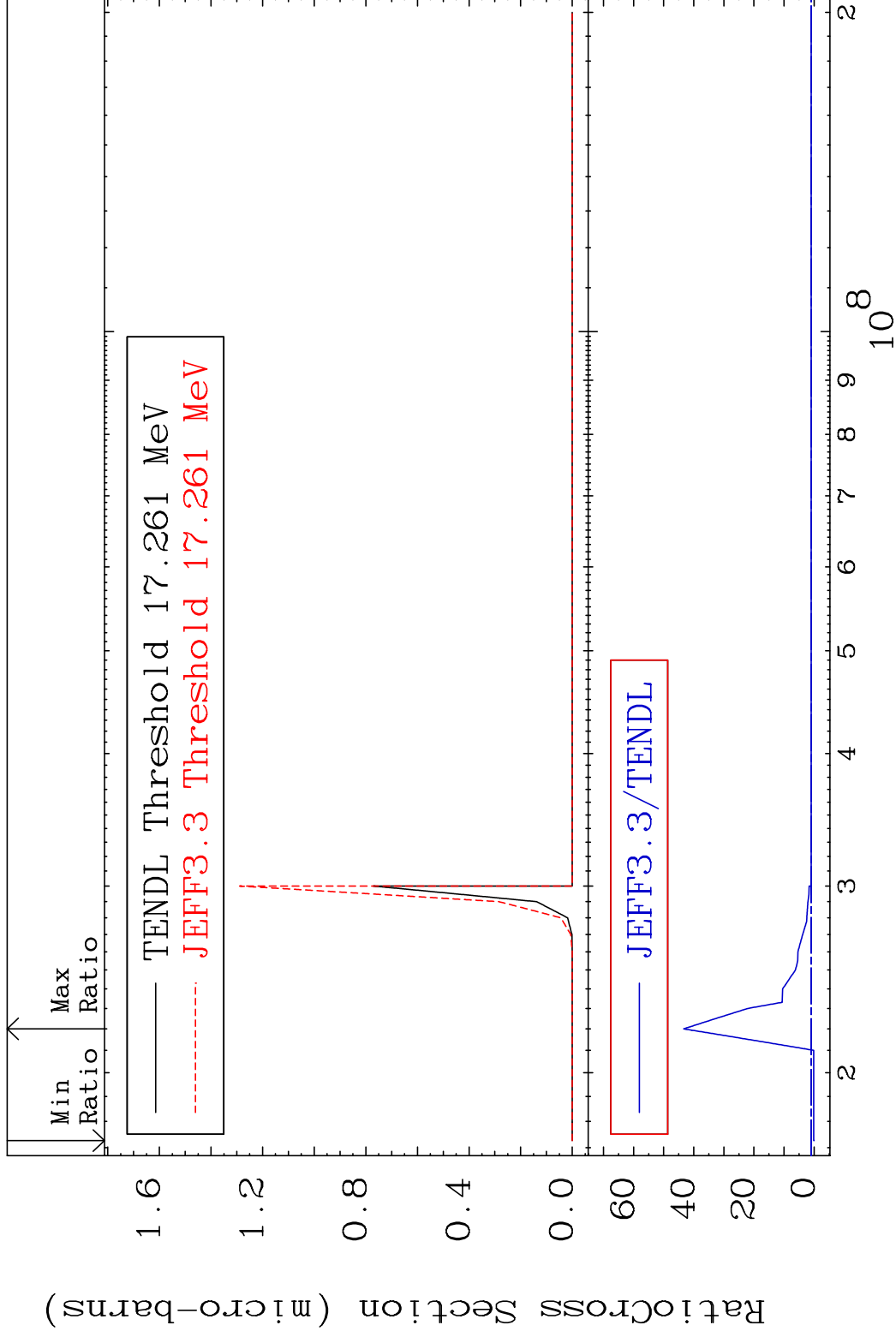


MAT 3437

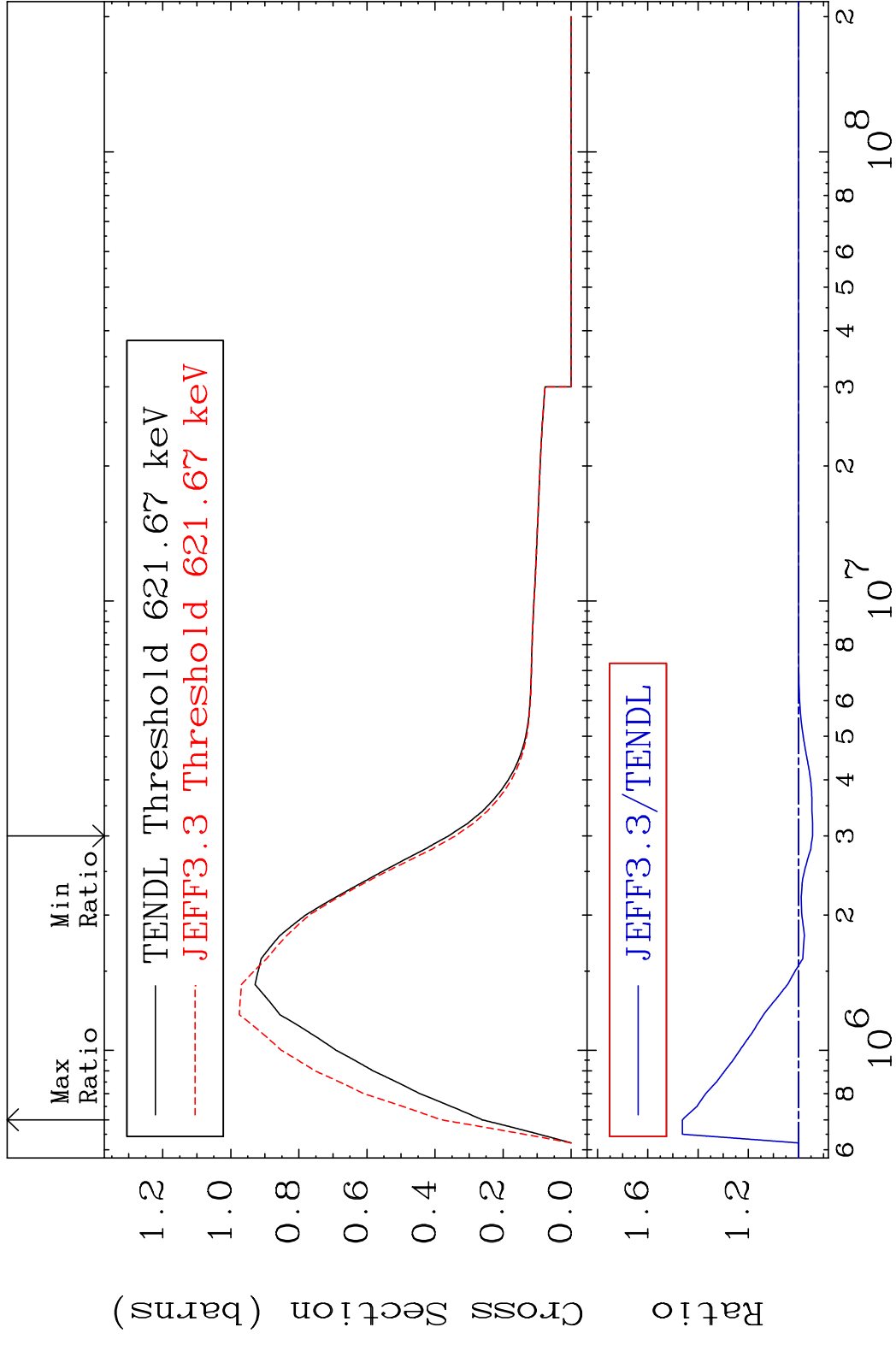
(n,n') p α

34-Se-78

Cross Section -100.0 To 4236. %



MAT 3437 MT= 51 (n,n') Level 34-Se-78
 Cross Section -5.627 To 46.24 %

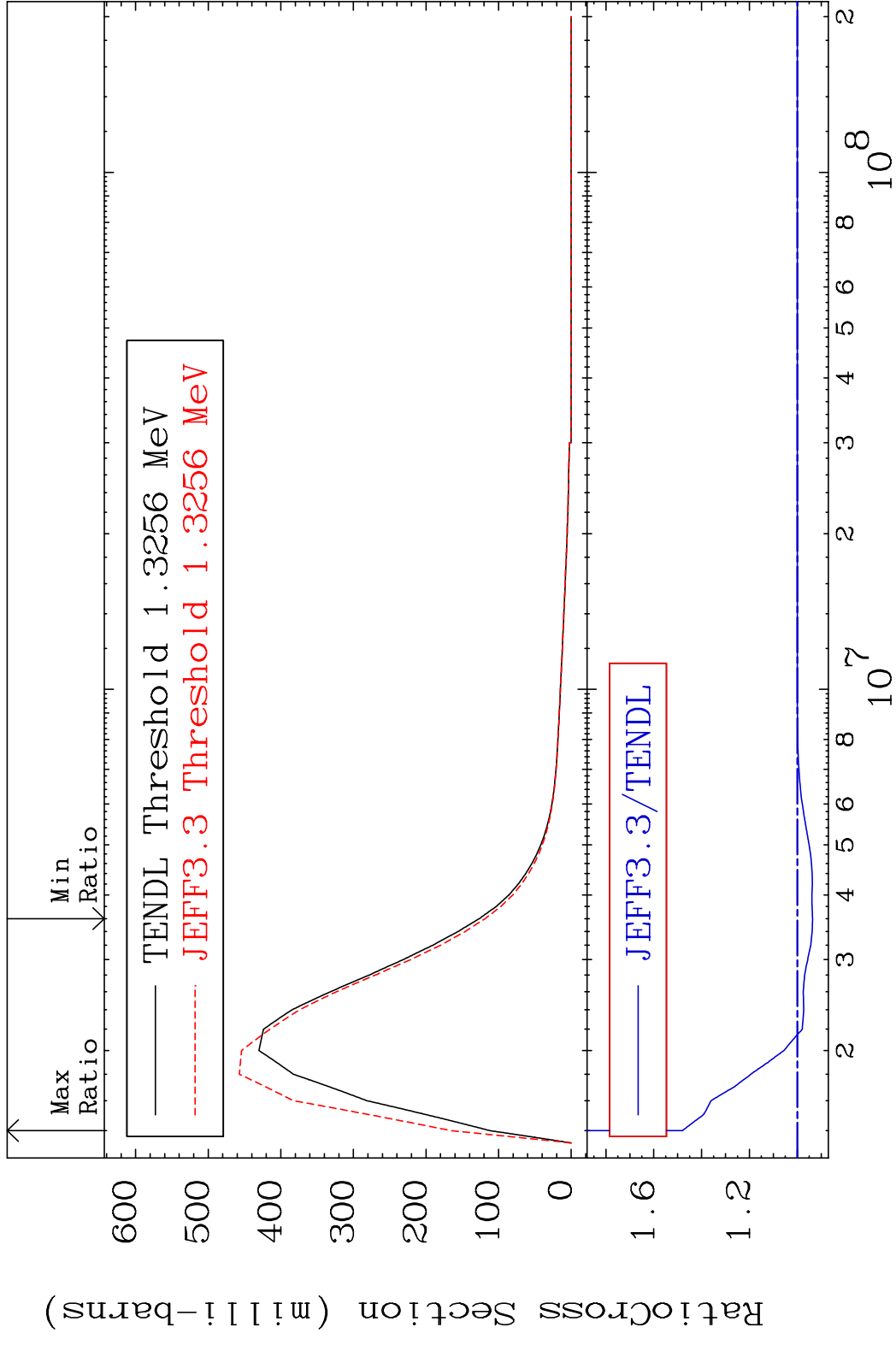


MAT 3437

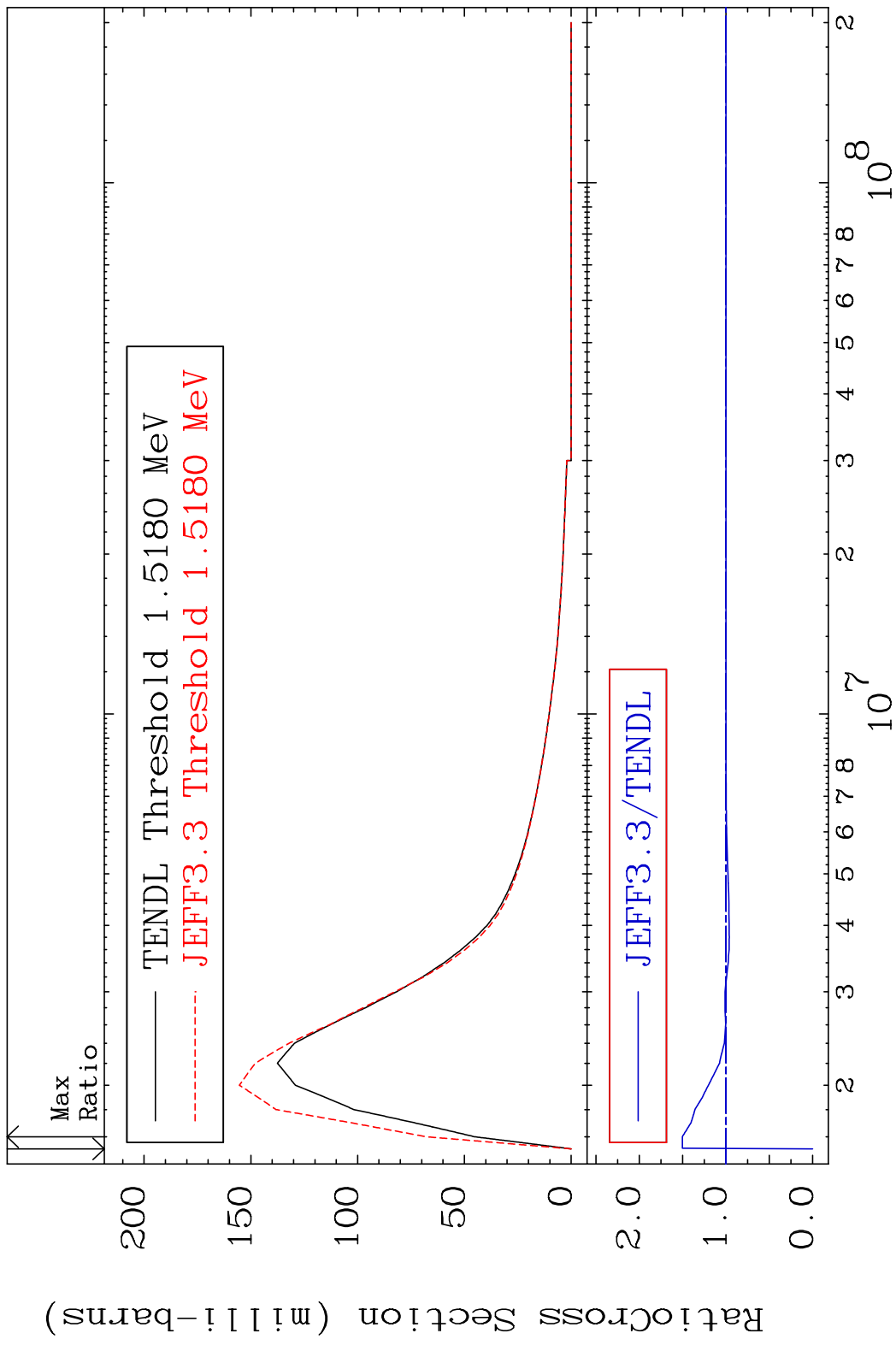
MT= 52 (n,n') Level

34-Se-78

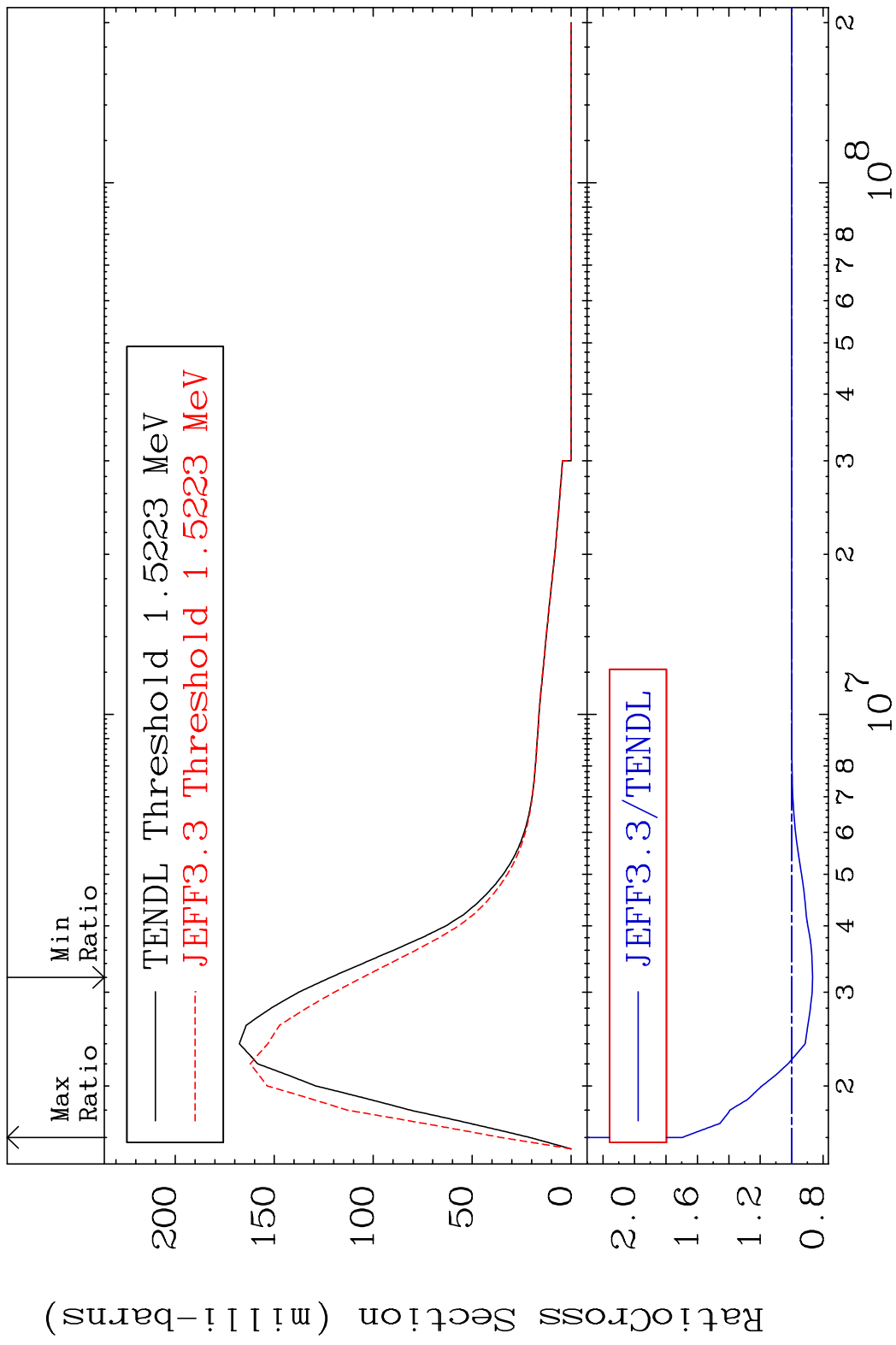
Cross Section -6.392 To 48.04 %



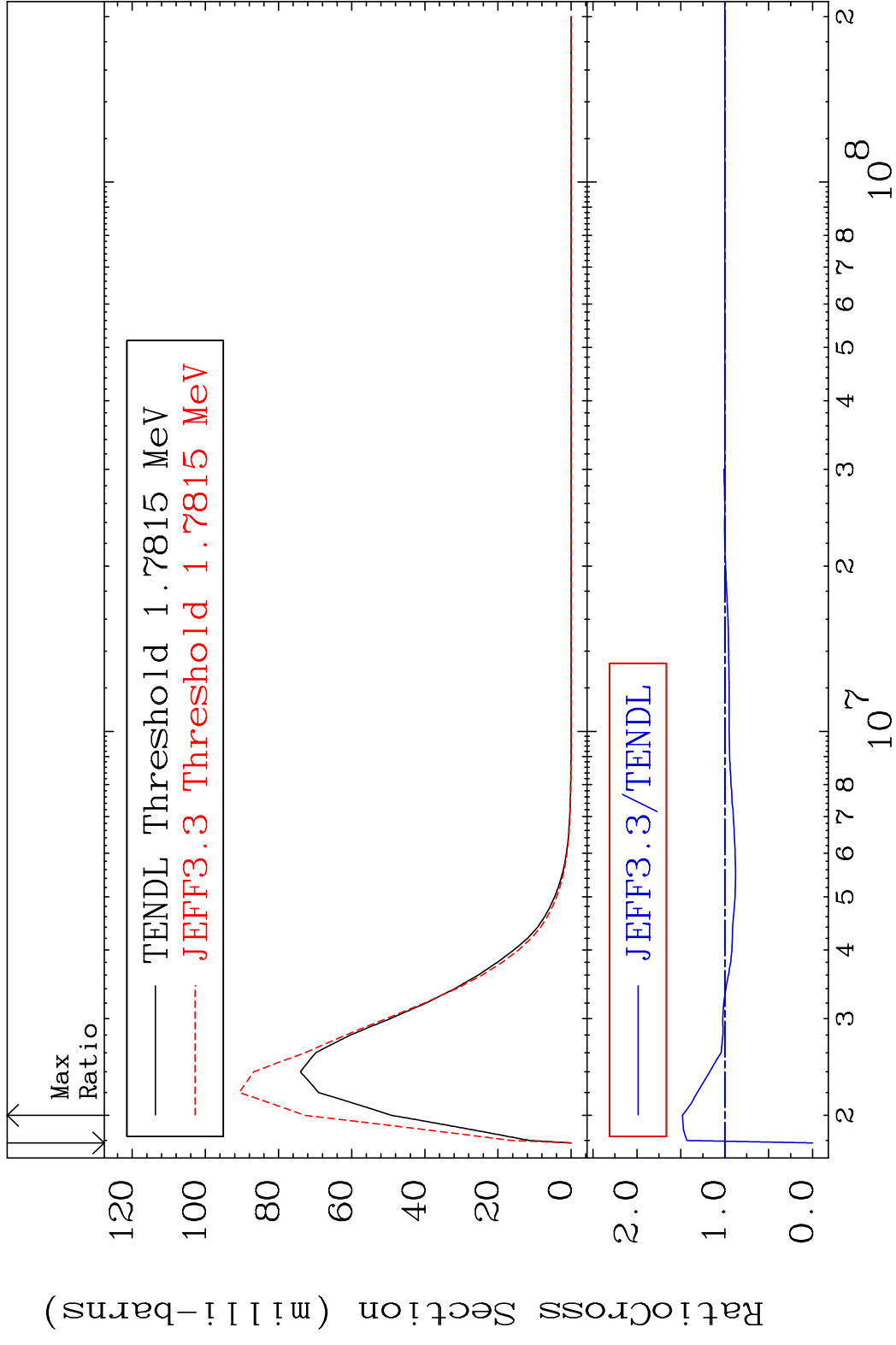
MAT 3437 MT= 53 (n, n') Level 34-Se-78
 Cross Section -100.0 To 50.35 %



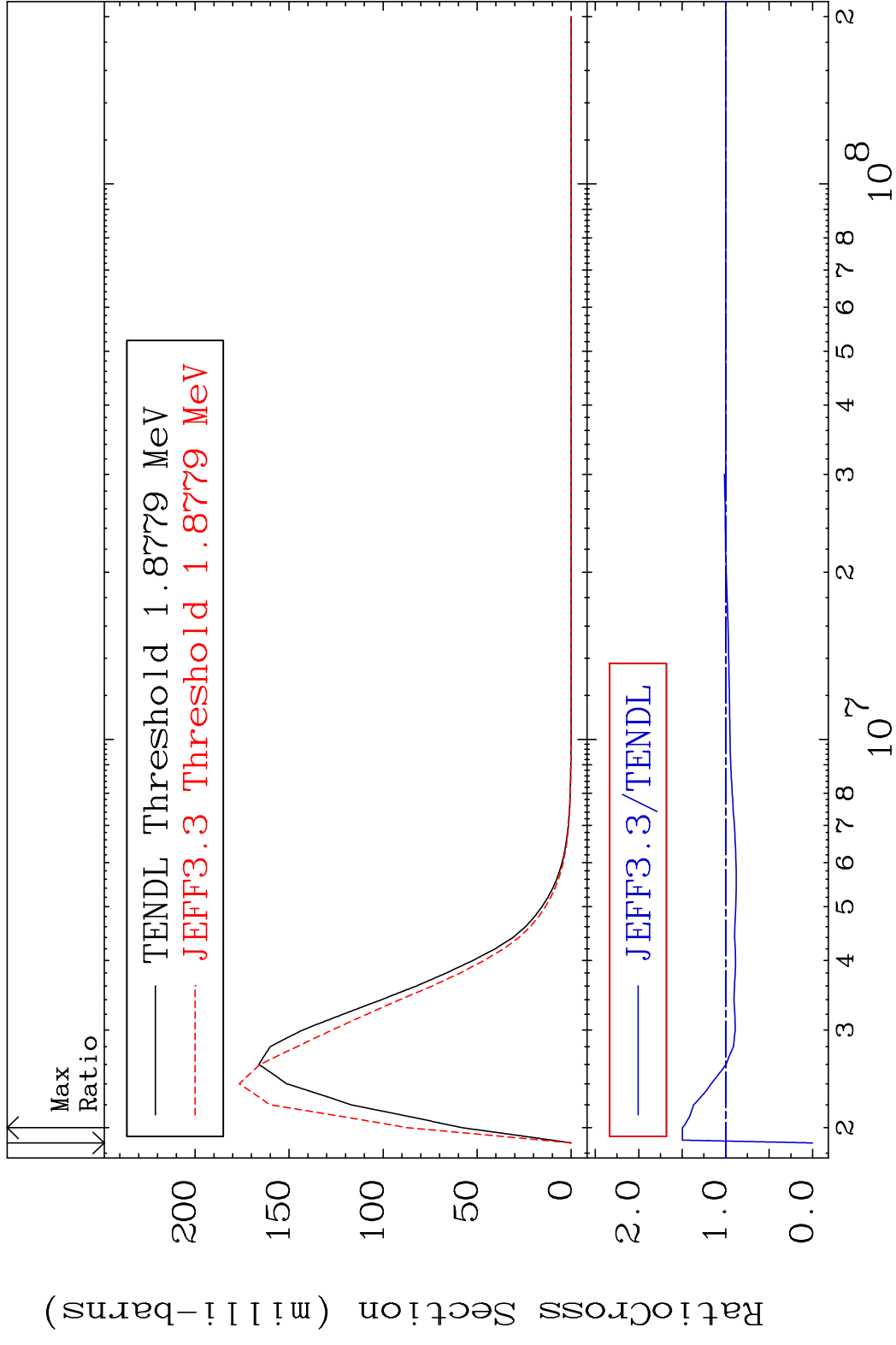
MAT 3437 MT= 54 (n,n') Level 34-Se-78
 Cross Section -13.25 To 69.55 %



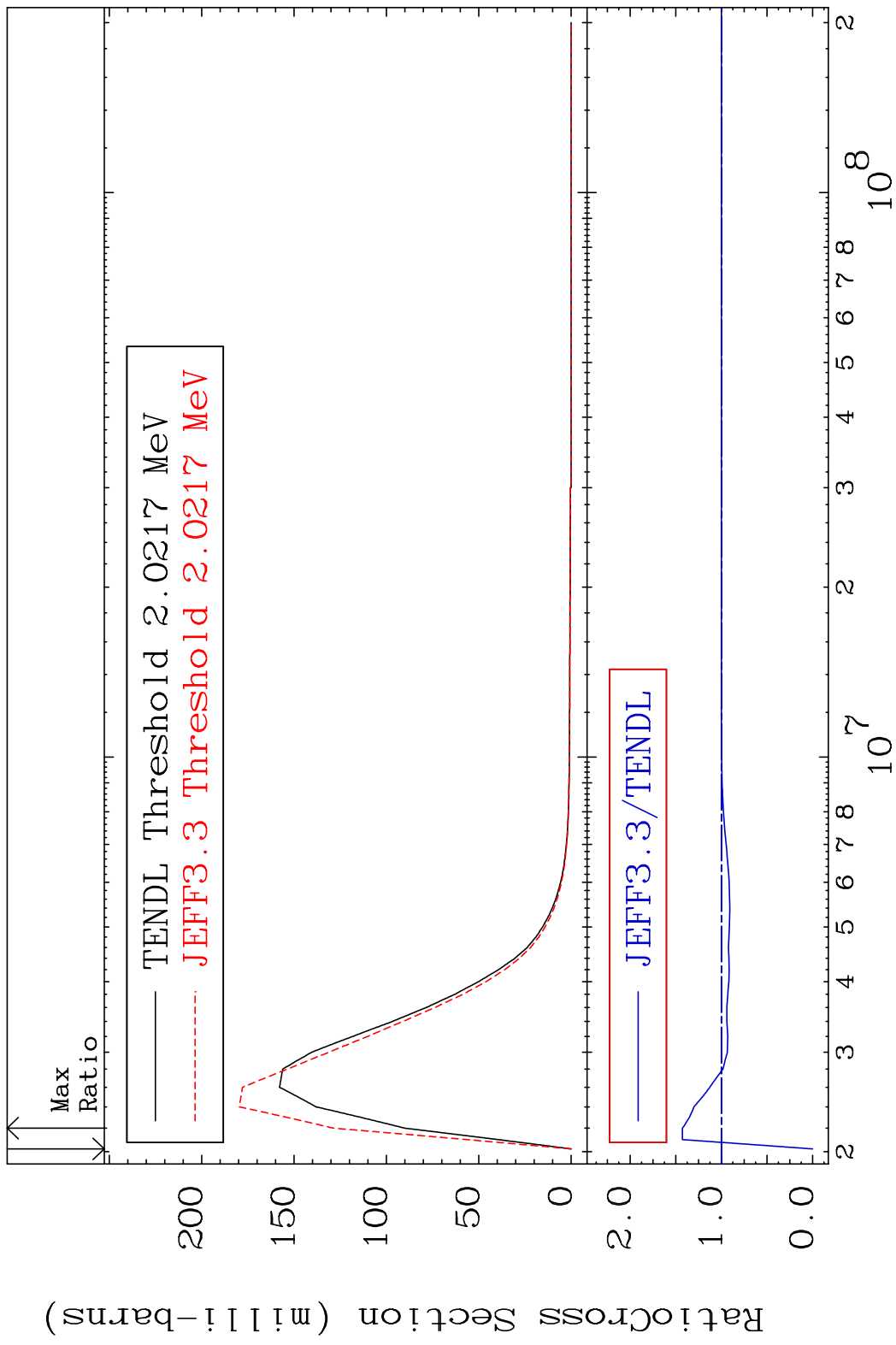
MAT 3437 MT= 55 (n,n') Level 34-Se-78
 Cross Section -100.0 To 48.29 %



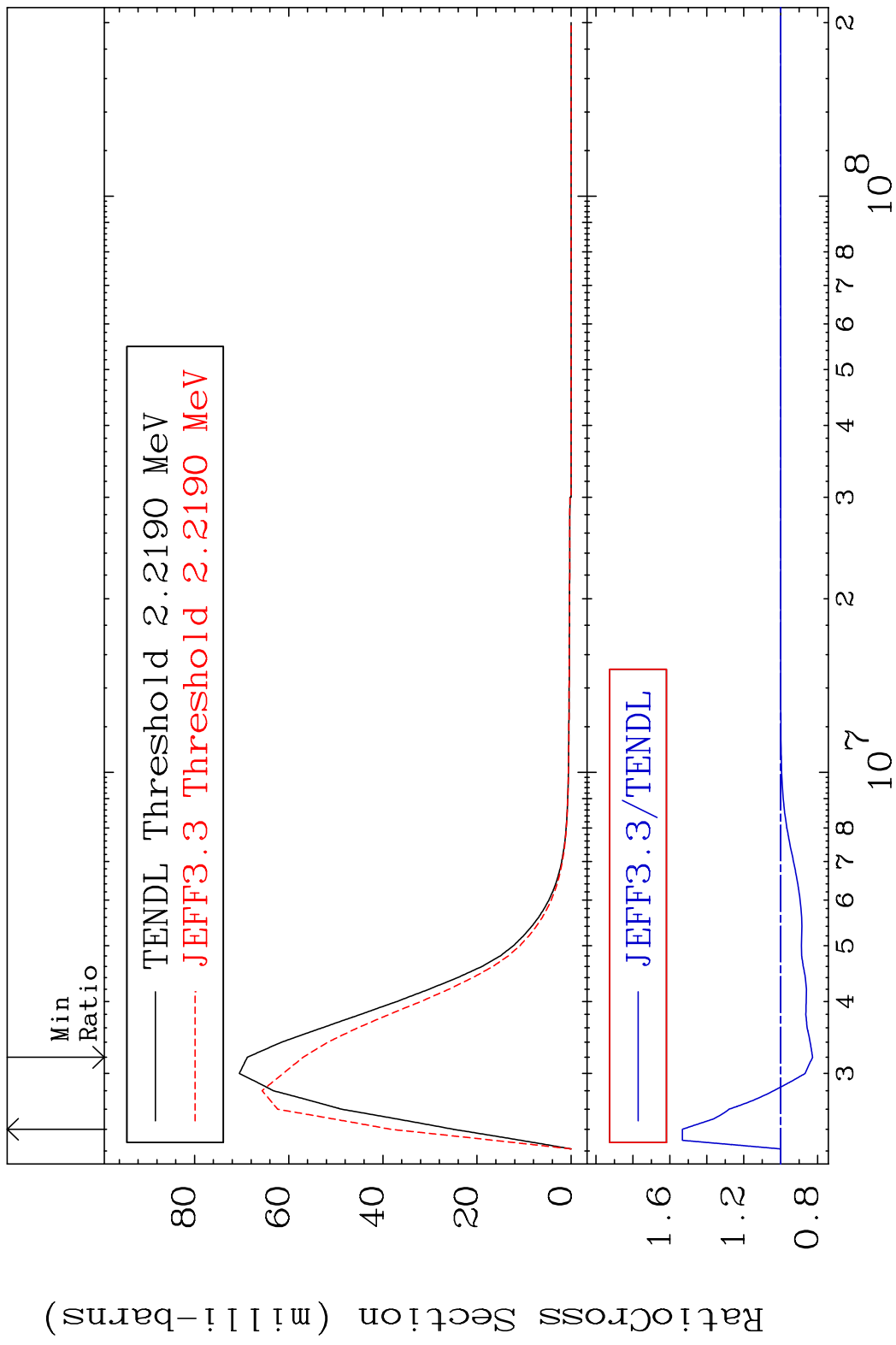
MAT 3437 MT= 56 (n,n') Level 34-Se-78
 Cross Section -100.0 To 49.81 %



MAT 3437 MT= 57 (n, n') Level 34-Se-78
 Cross Section -100.0 To 42.84 %



MAT 3437 MT= 58 (n, n') Level 34-Se-78
 Cross Section -17.26 To 53.25 %

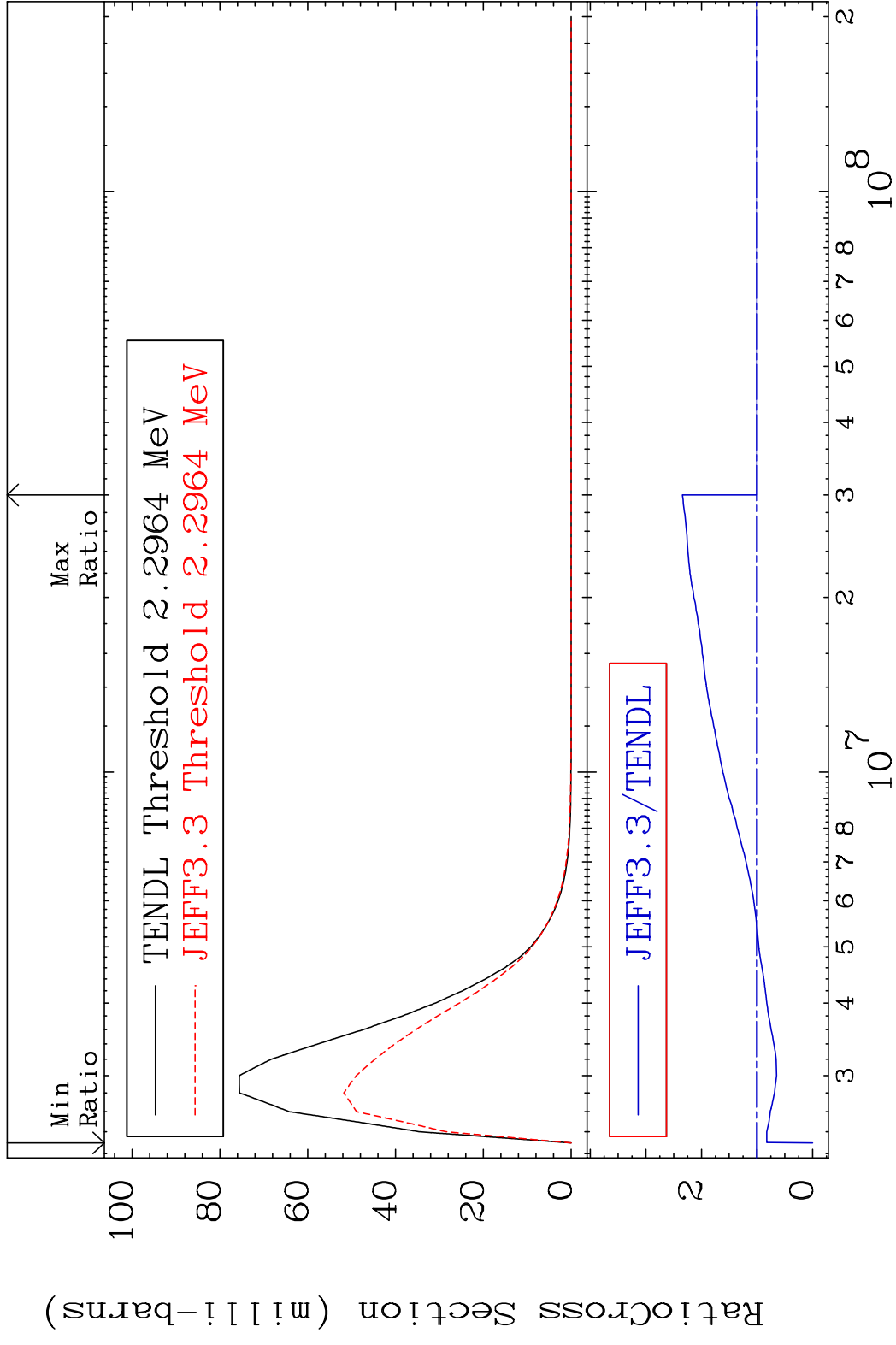


MAT 3437

MT= 59 (n, n') Level

34-Se-78

Cross Section -100.0 To 134.4 %

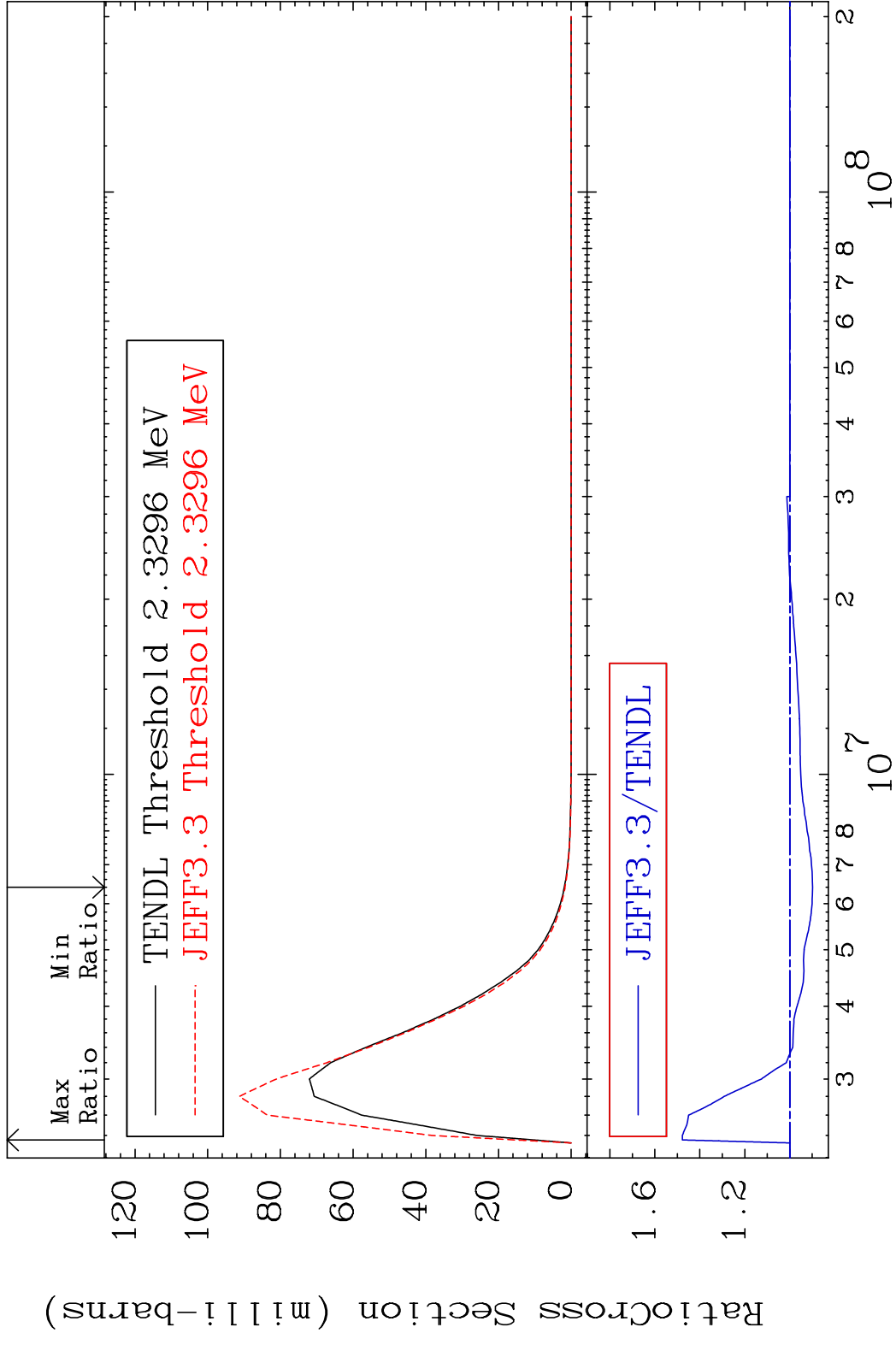


MAT 3437

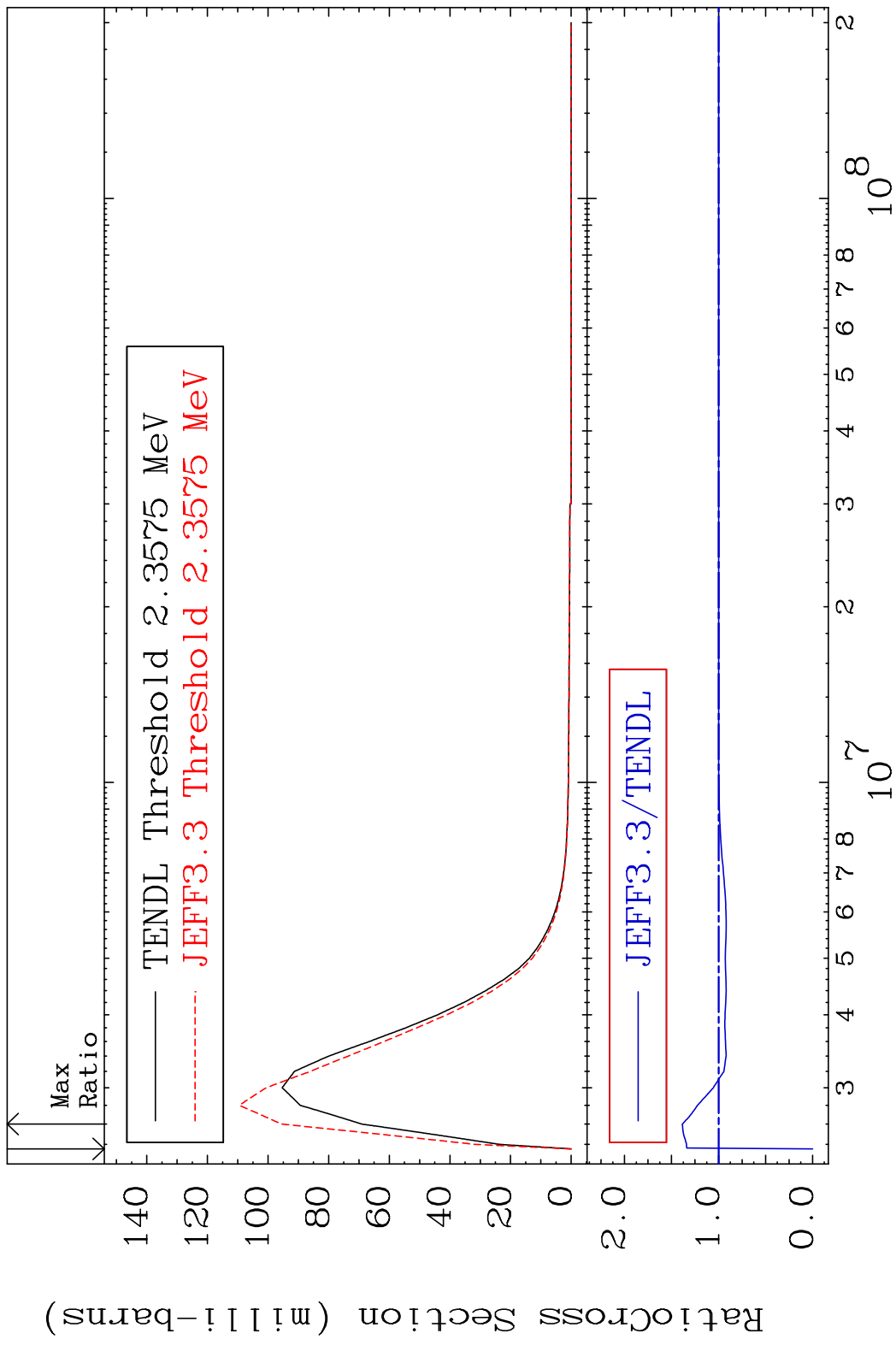
MT= 60 (n,n') Level

34-Se-78

Cross Section -10.15 To 47.77 %



MAT 3437 MT= 61 (n,n') Level 34-Se-78
 Cross Section -100.0 To 38.50 %

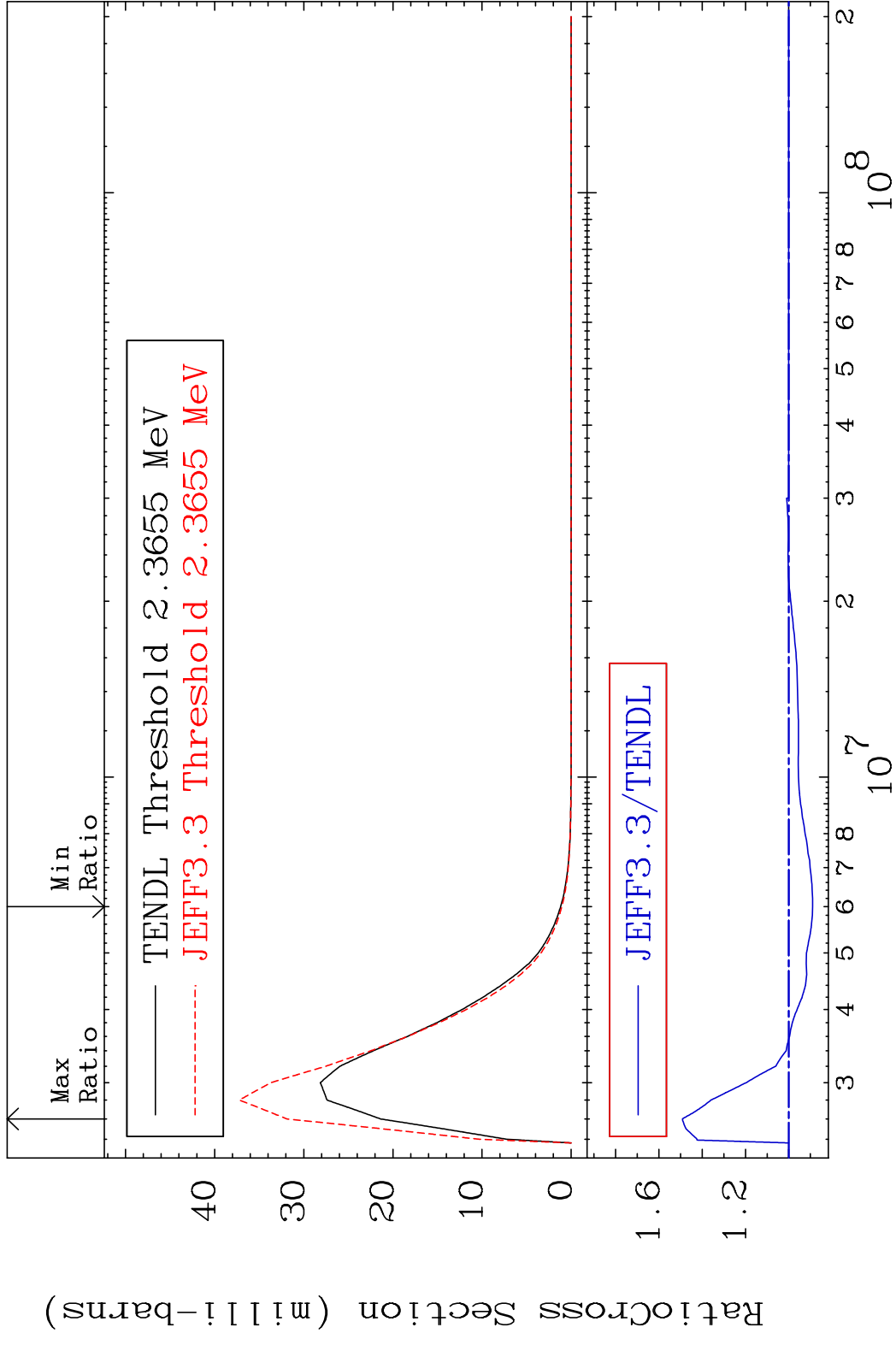


MAT 3437

MT= 62 (n, n') Level

34-Se-78

Cross Section -10.98 To 49.14 %



30

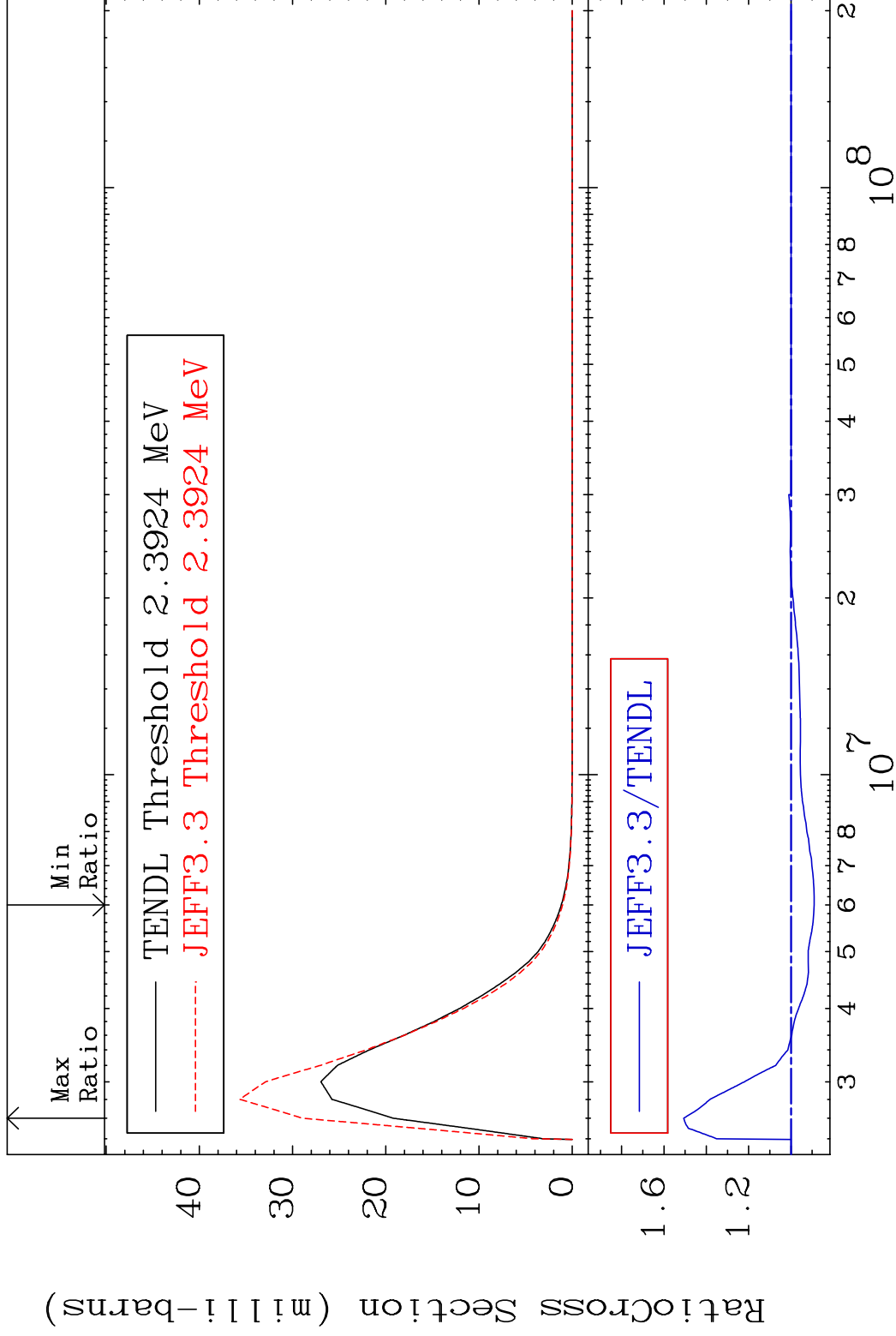
34-Se-78

MAT 3437

MT= 63 (n, n') Level

34-Se-78

Cross Section -10.92 To 50.71 %

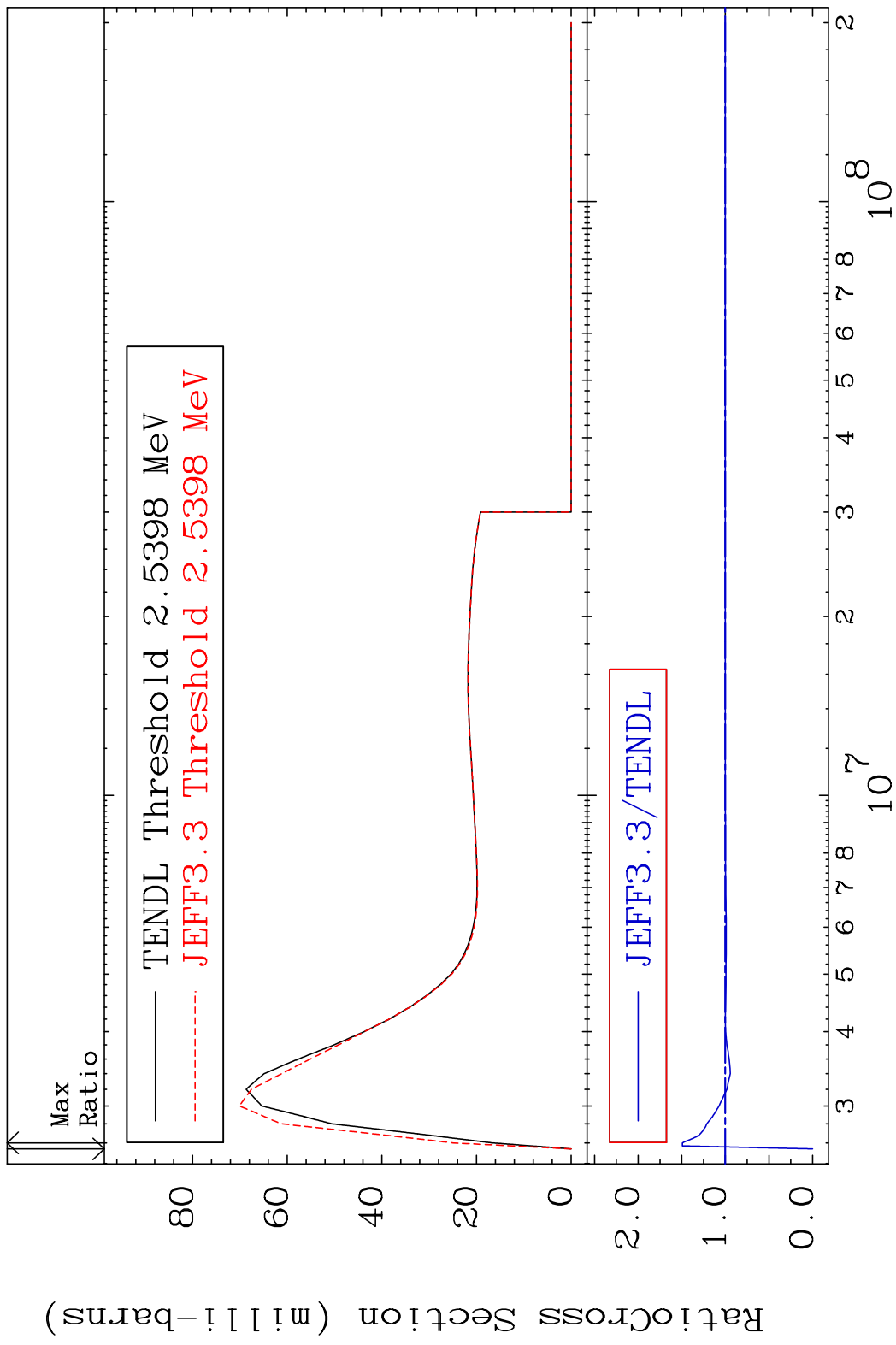


31

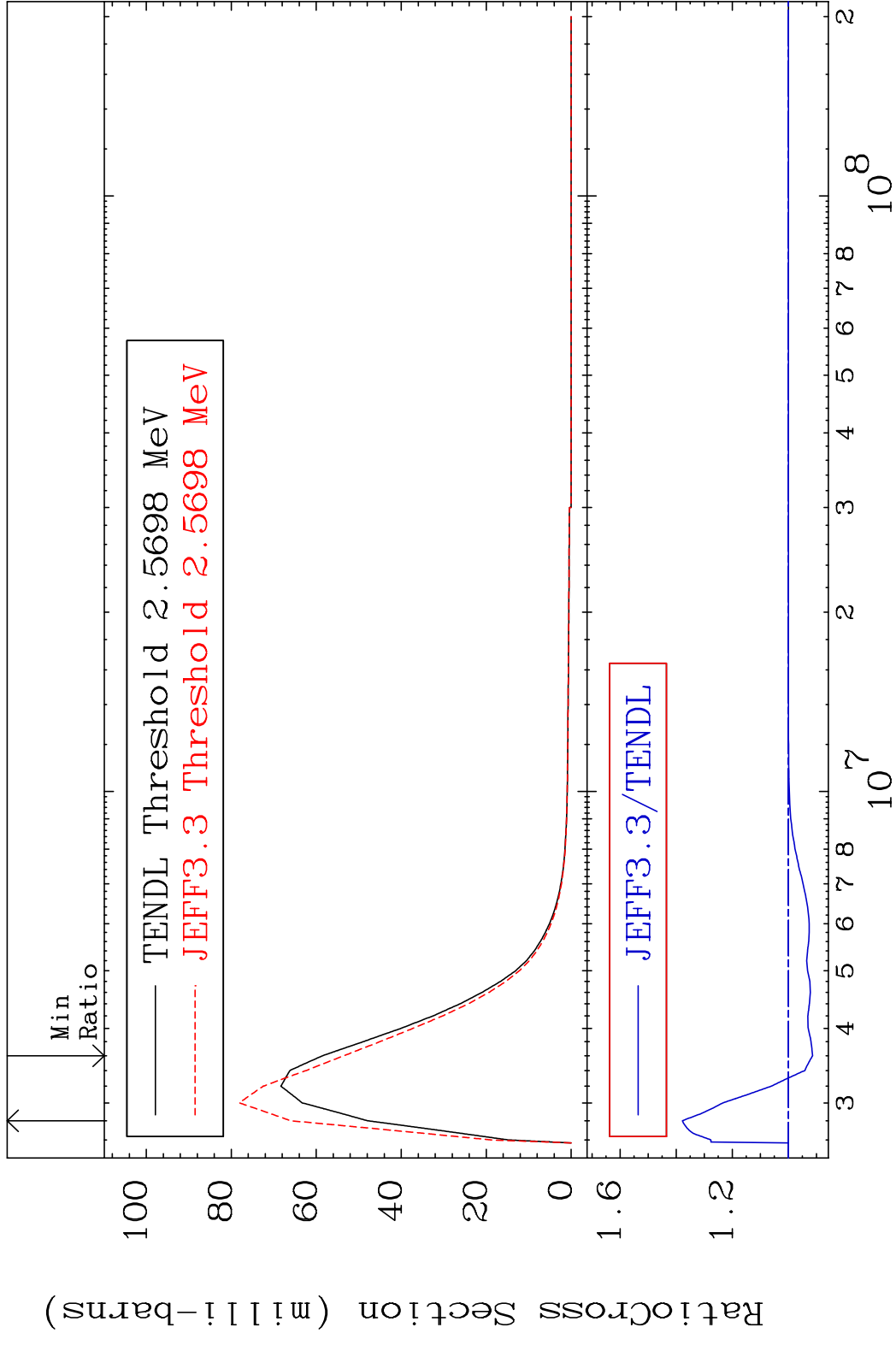
Incident Energy (eV)

34-Se-78

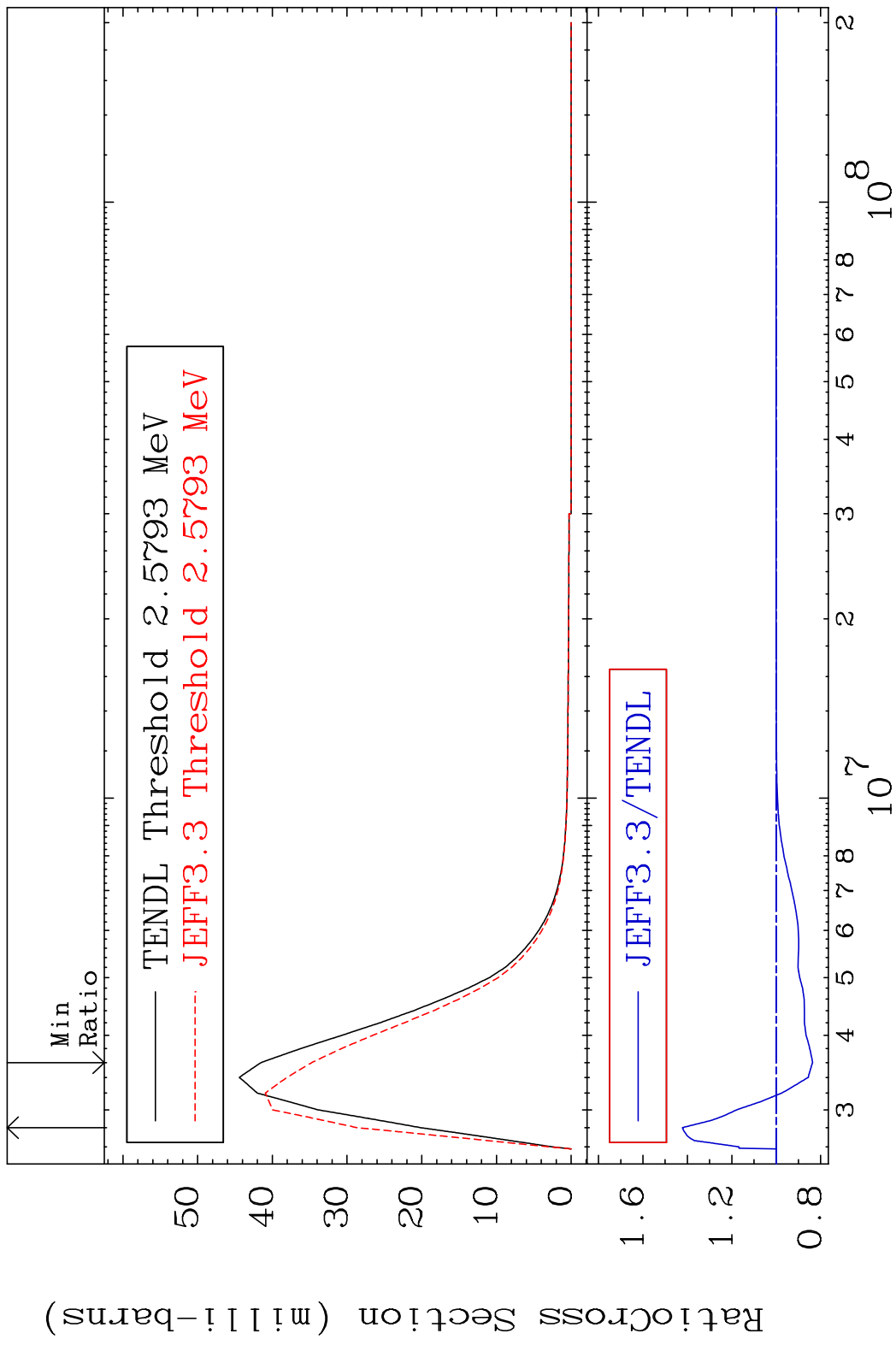
MAT 3437 MT= 64 (n, n') Level 34-Se-78
 Cross Section -100.0 To 49.31 %



MAT 3437 MT= 65 (n, n') Level 34-Se-78
 Cross Section -8.603 To 37.80 %



MAT 3437 MT= 66 (n, n') Level 34-Se-78
 Cross Section -16.35 To 42.26 %

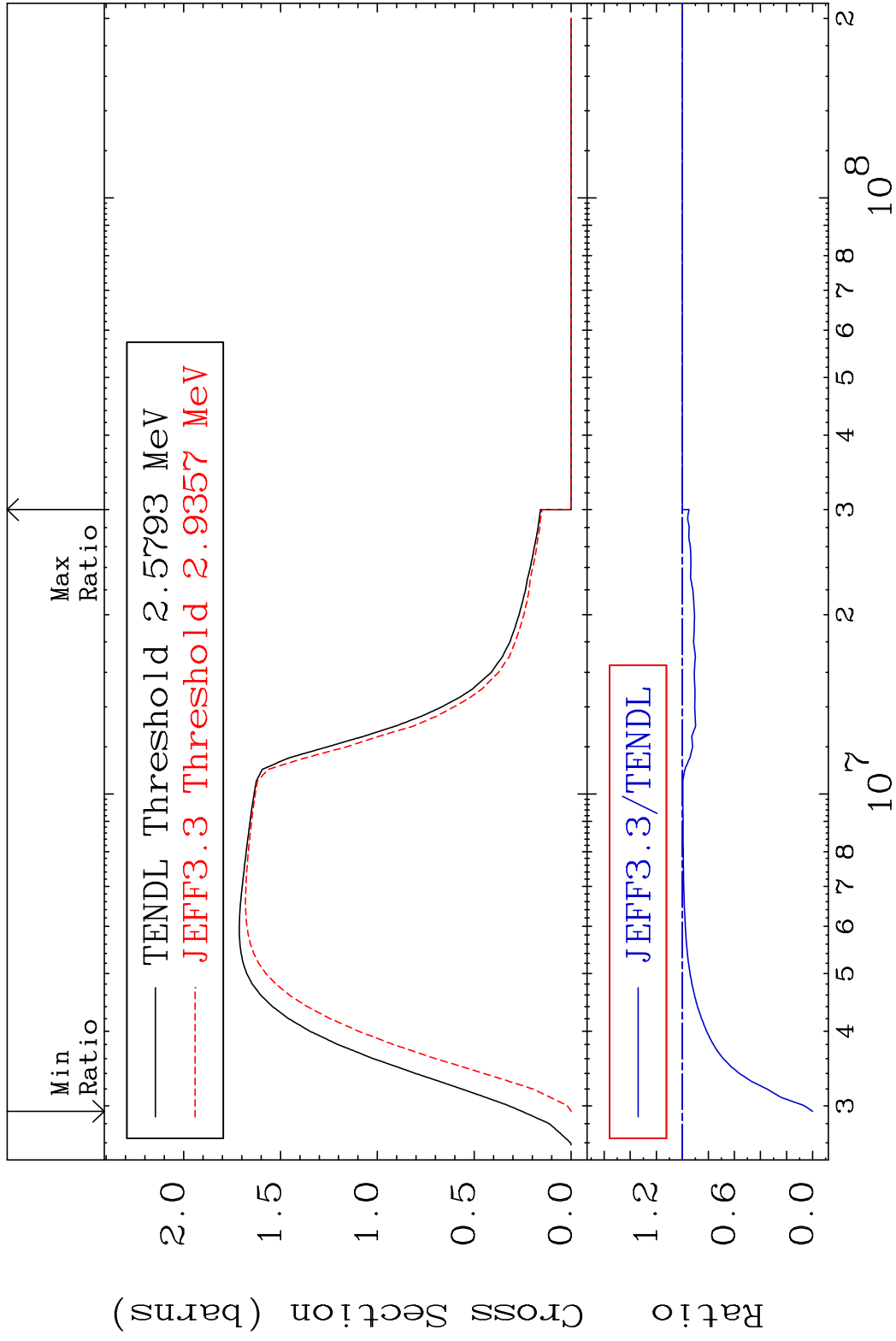


MAT 3437

(n,n') Continuum

³⁴Se-78

Cross Section -100.0 To 0.000 %



35

Incident Energy (eV)

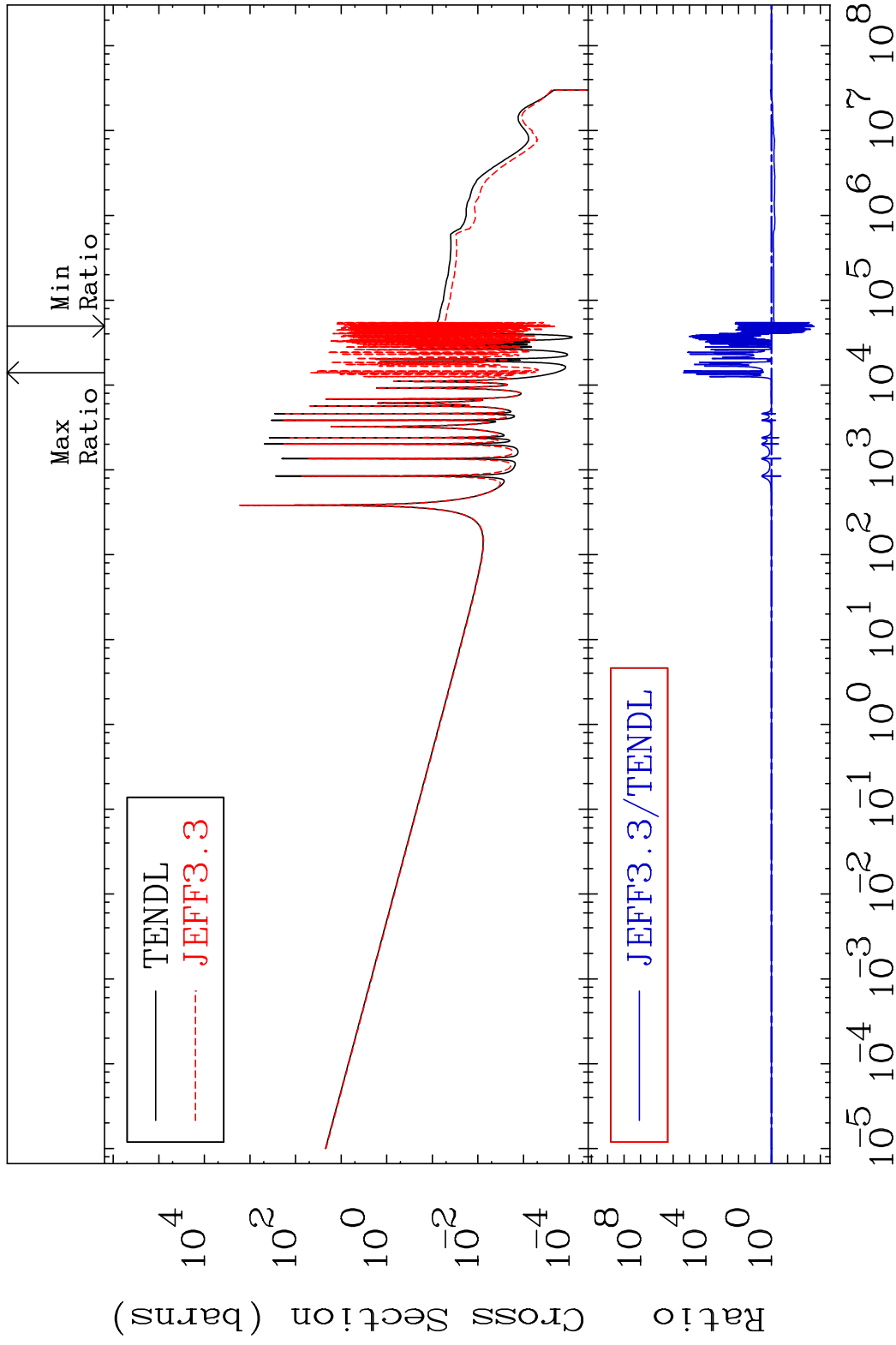
³⁴Se-78

MAT 3437

(n, γ)

34-Se-78

Cross Section -99.76 To 9999. %



36

Incident Energy (eV)

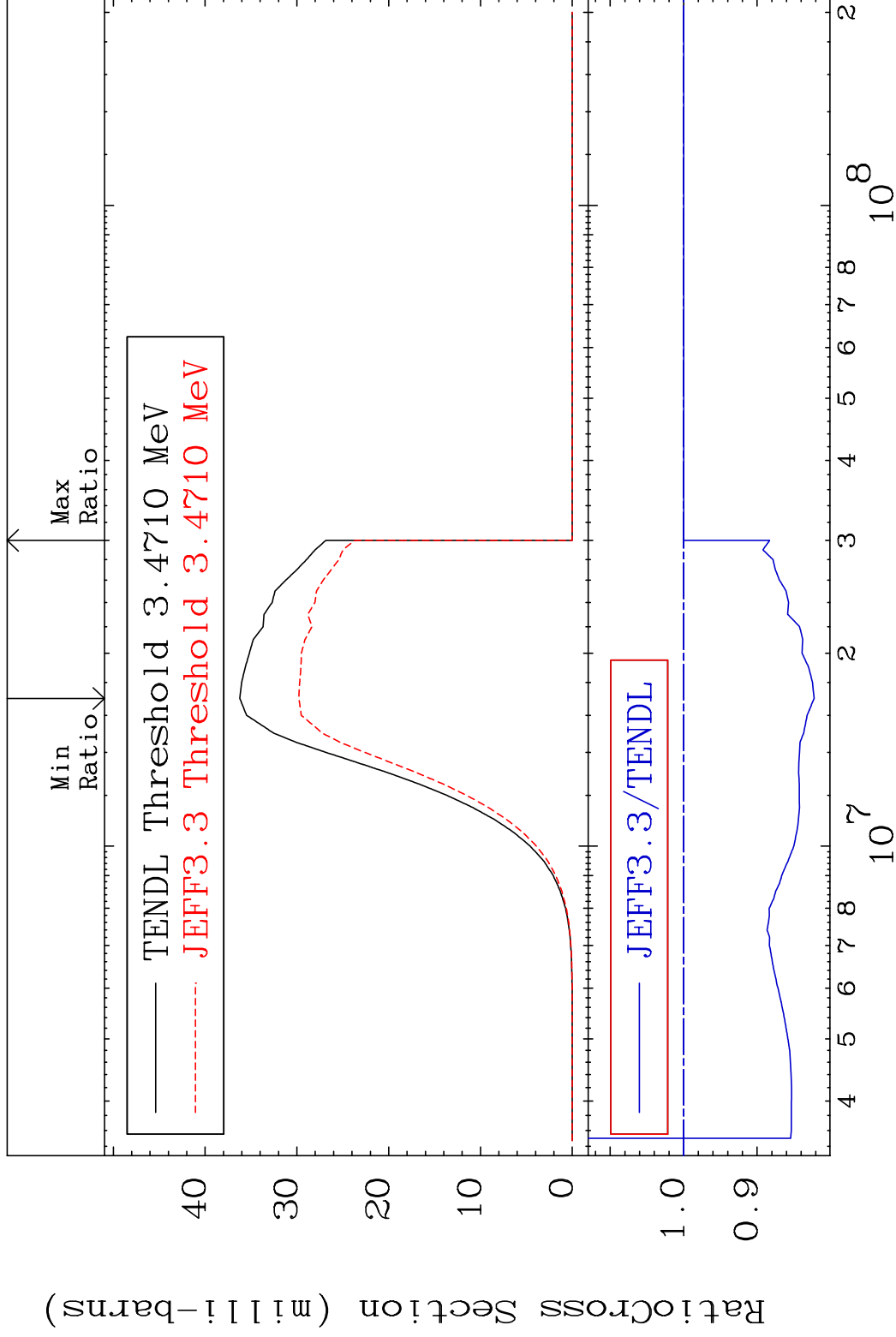
34-Se-78

MAT 3437

(n,p)

³⁴Se-78

Cross Section -17.76 To 0.000 %



37

Incident Energy (eV)

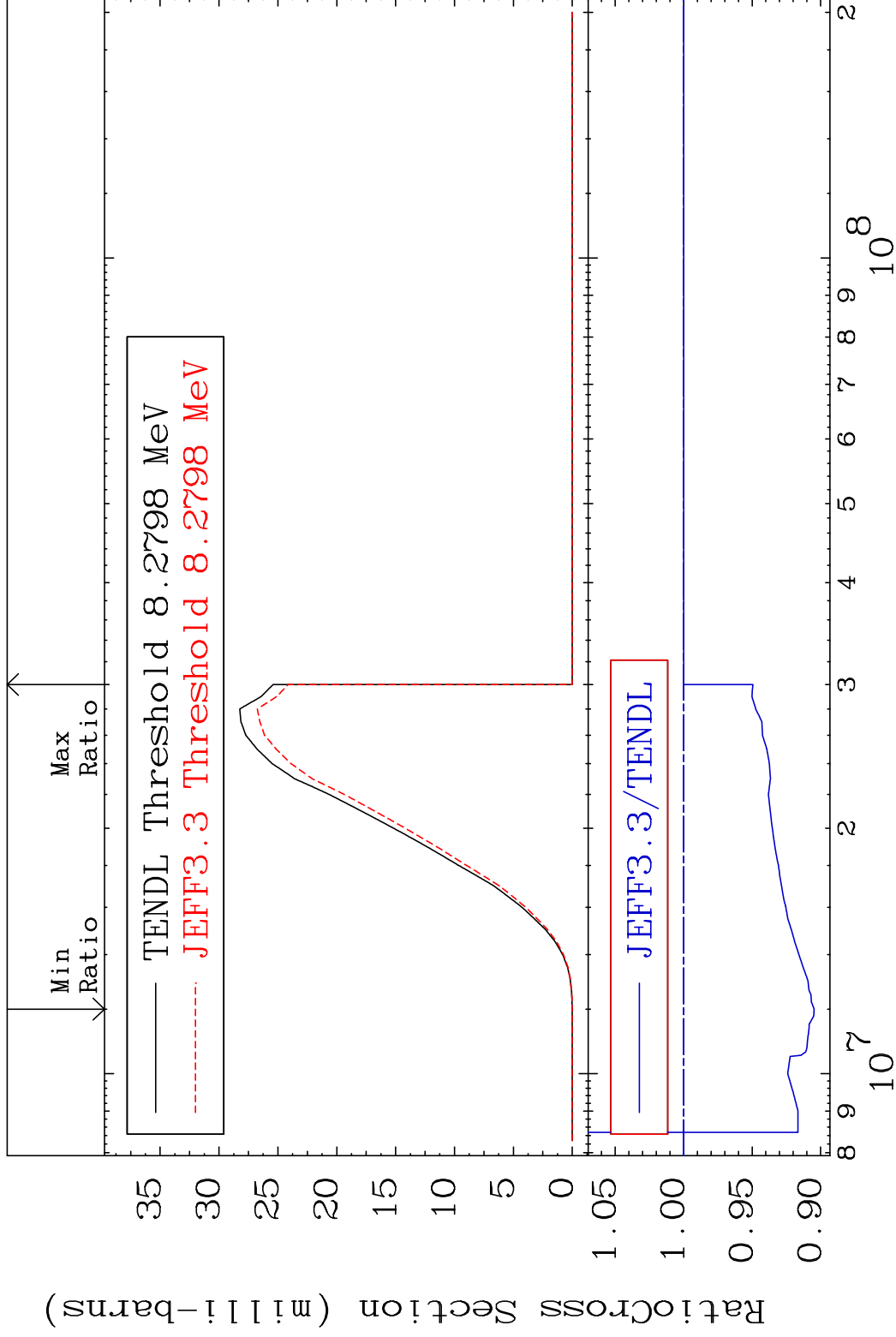
³⁴Se-78

MAT 3437

(n, d)

³⁴Se-78

Cross Section -9.525 To 0.000 %



38

Incident Energy (eV)

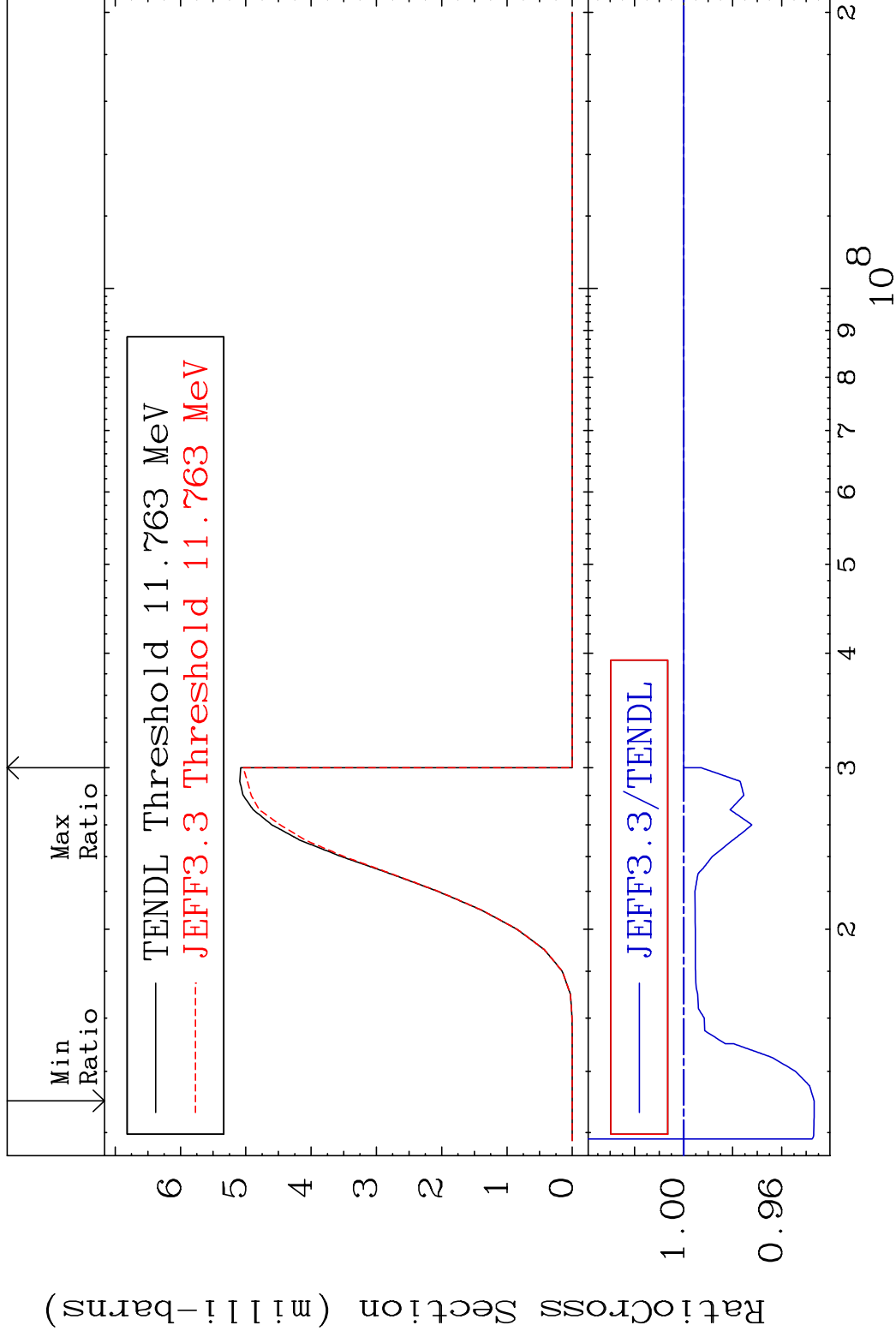
³⁴Se-78

MAT 3437

(n, t)

³⁴Se-78

Cross Section -5.322 To 0.000 %



39

Incident Energy (eV)

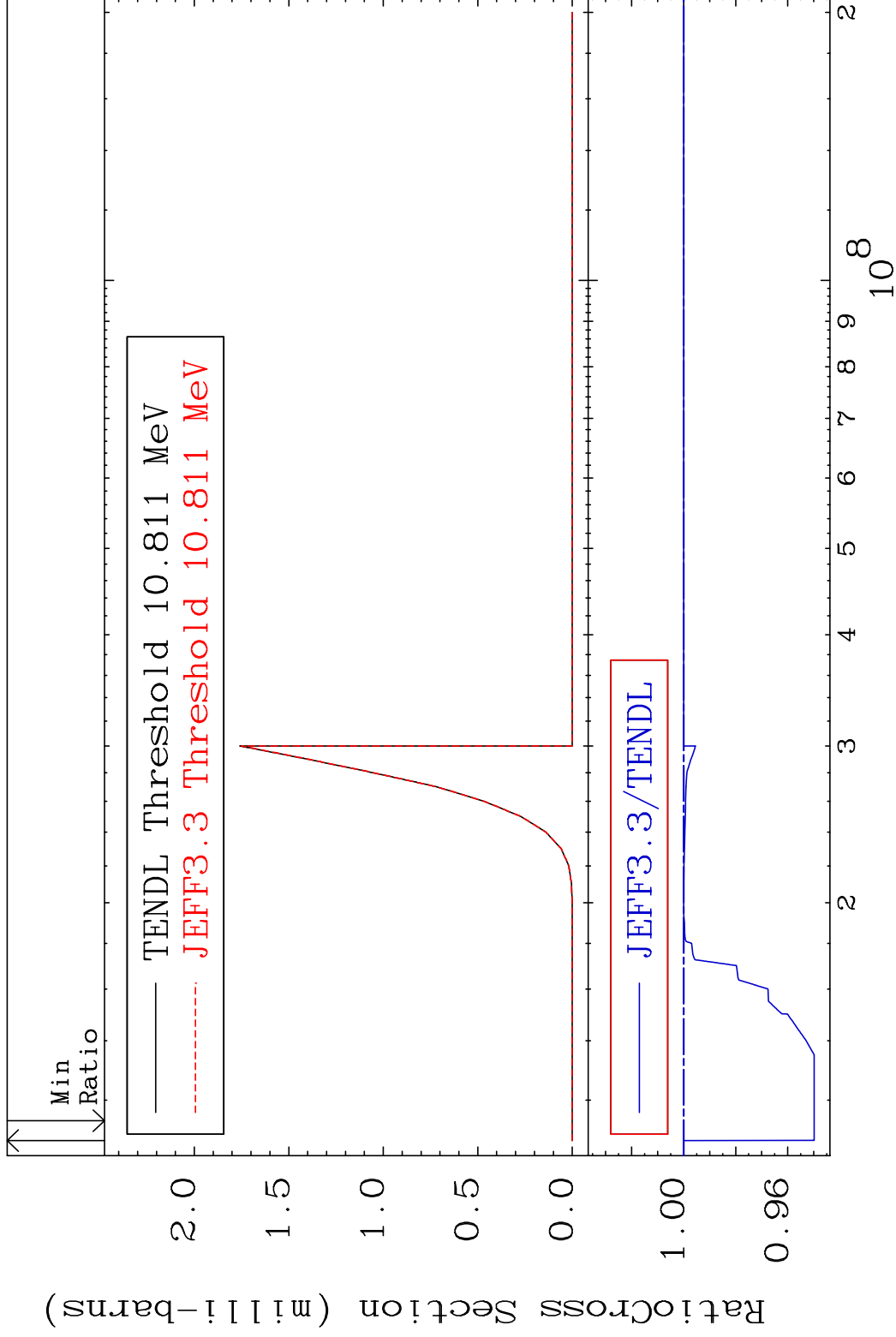
³⁴Se-78

MAT 3437

(n, He-3)

34-Se-78

Cross Section -5.015 To 0.000 %



40

Incident Energy (eV)

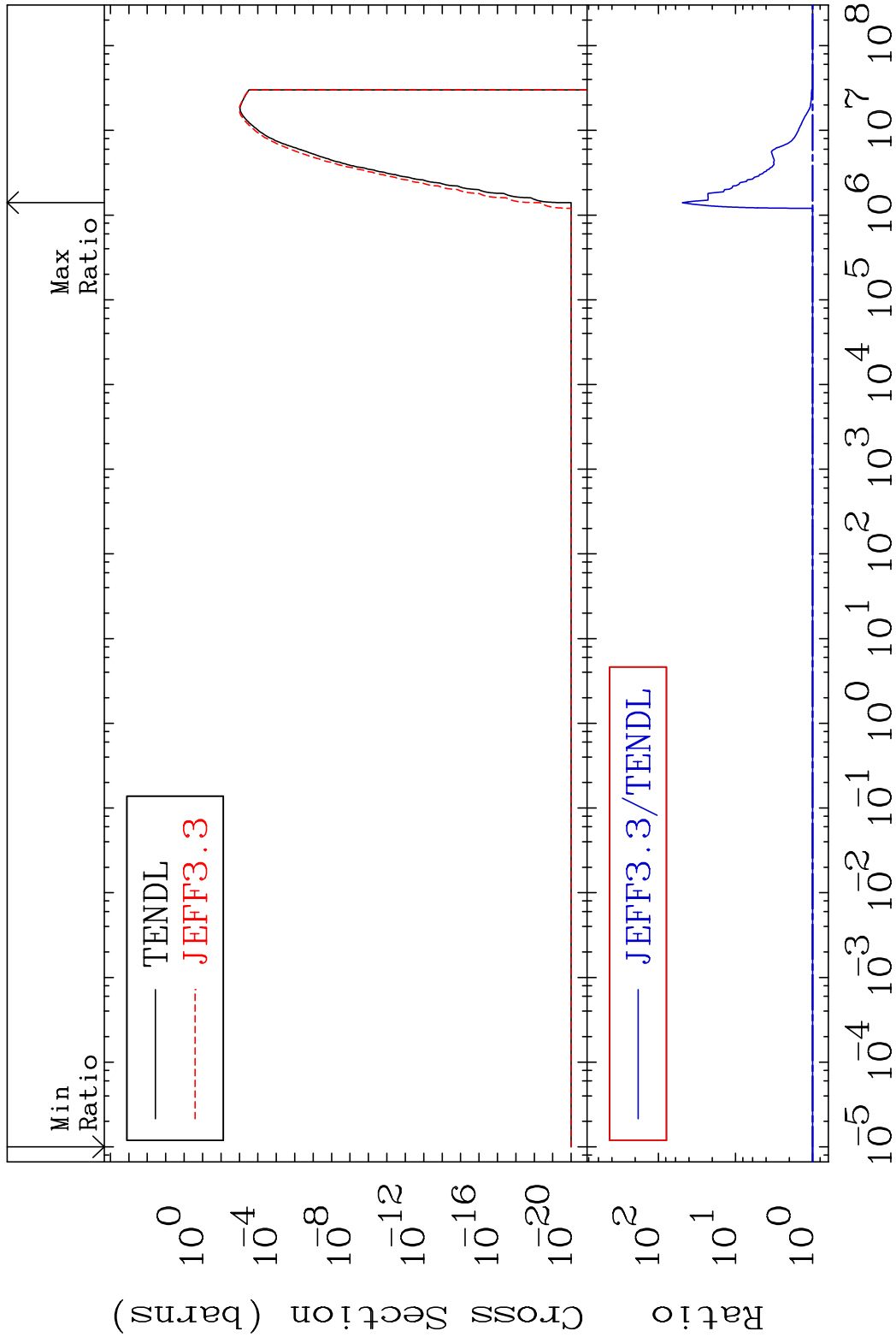
34-Se-78

MAT 3437

(n, α)

34-Se-78

Cross Section 0.000 To 4785. %



41

Incident Energy (eV)

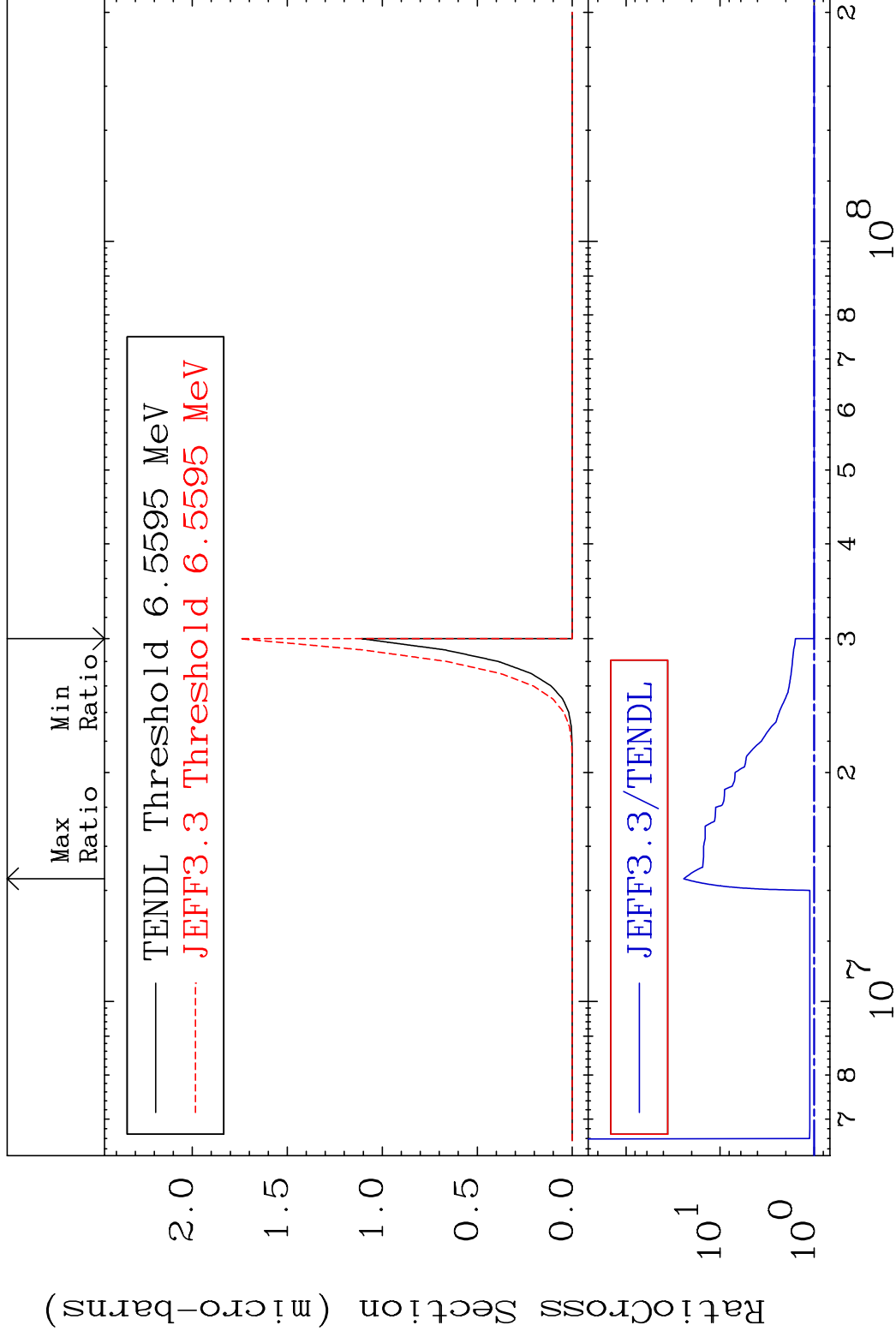
34-Se-78

MAT 3437

(n,2α)

³⁴Se-78

Cross Section 0.000 To 2338. %



42

Incident Energy (eV)

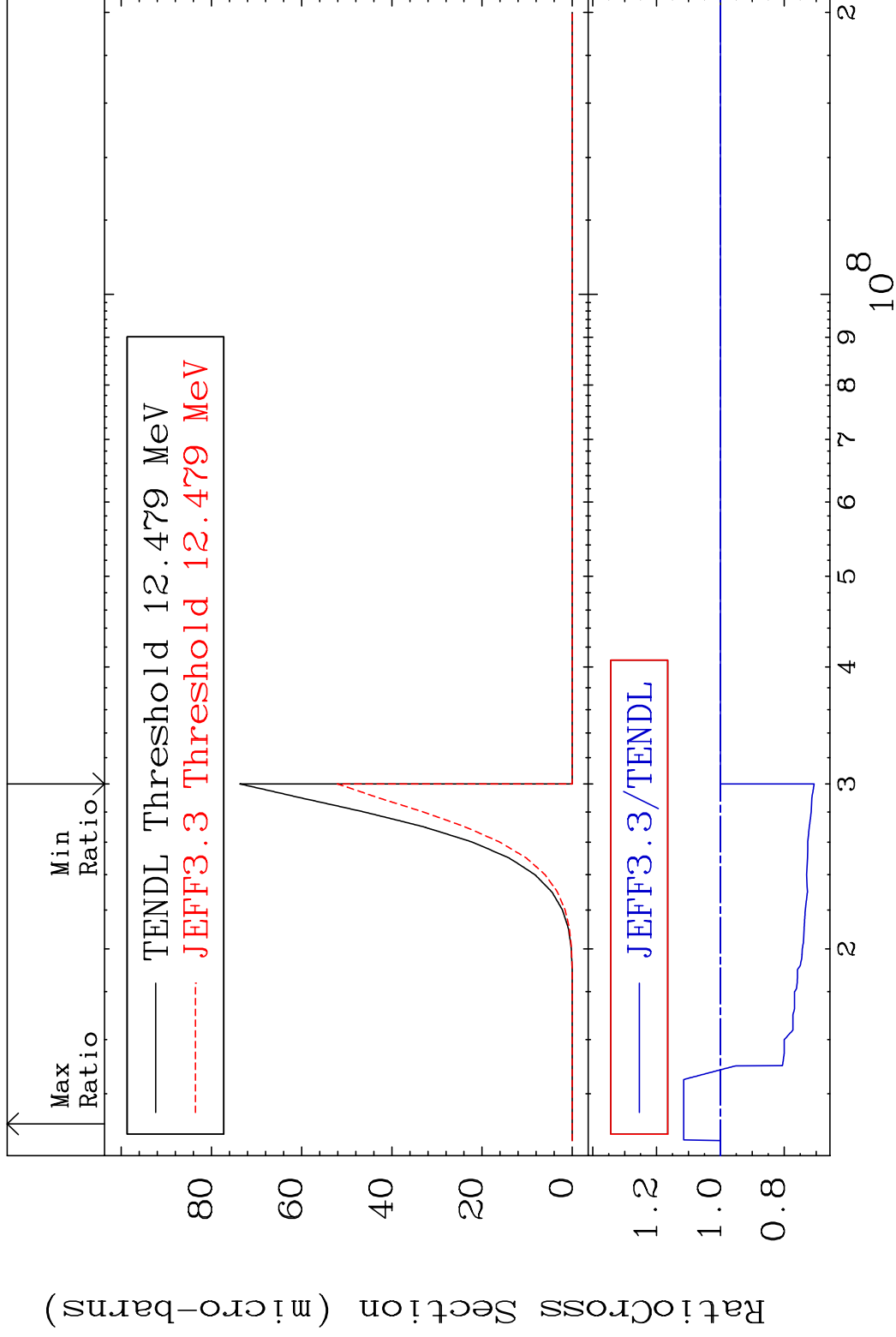
³⁴Se-78

MAT 3437

(n,2p)

³⁴Se-78

Cross Section -29.36 To 11.51 %



43

Incident Energy (eV)

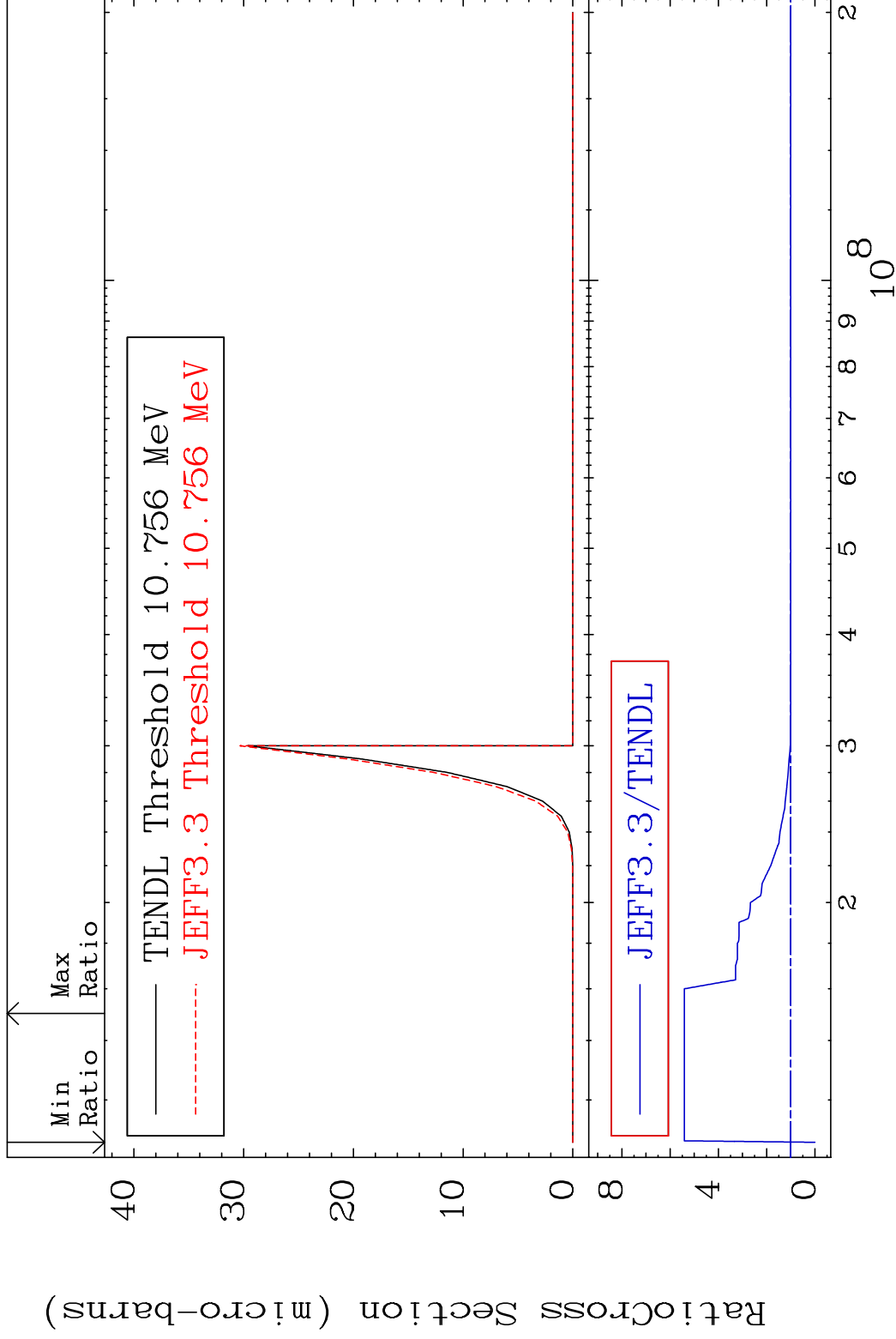
³⁴Se-78

MAT 3437

(n,p) α

³⁴Se-78

Cross Section -100.0 To 441.2 %



44

Incident Energy (eV)

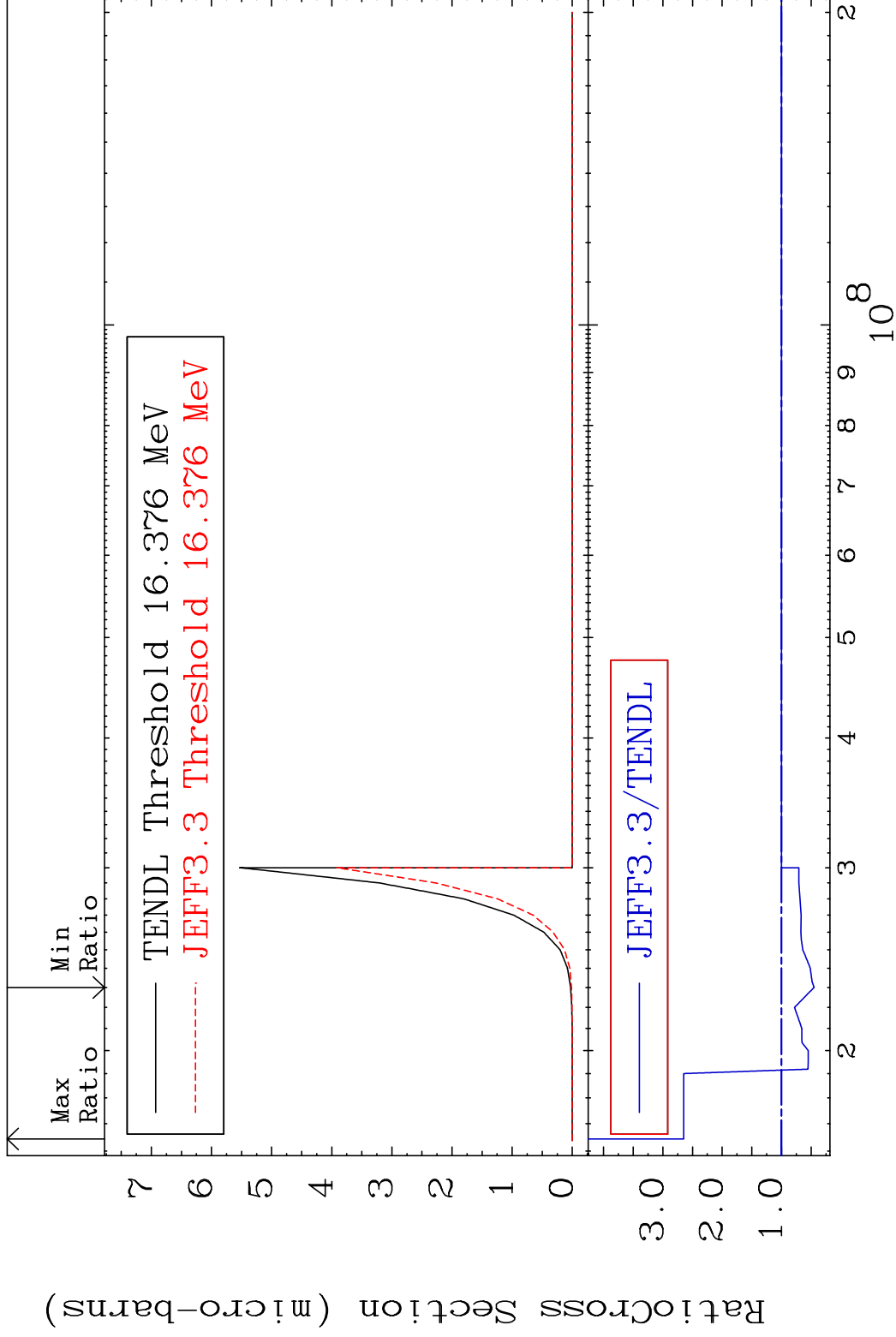
³⁴Se-78

MAT 3437

(n,p) d

34-Se-78

Cross Section -54.90 To 164.9 %



45

Incident Energy (eV)

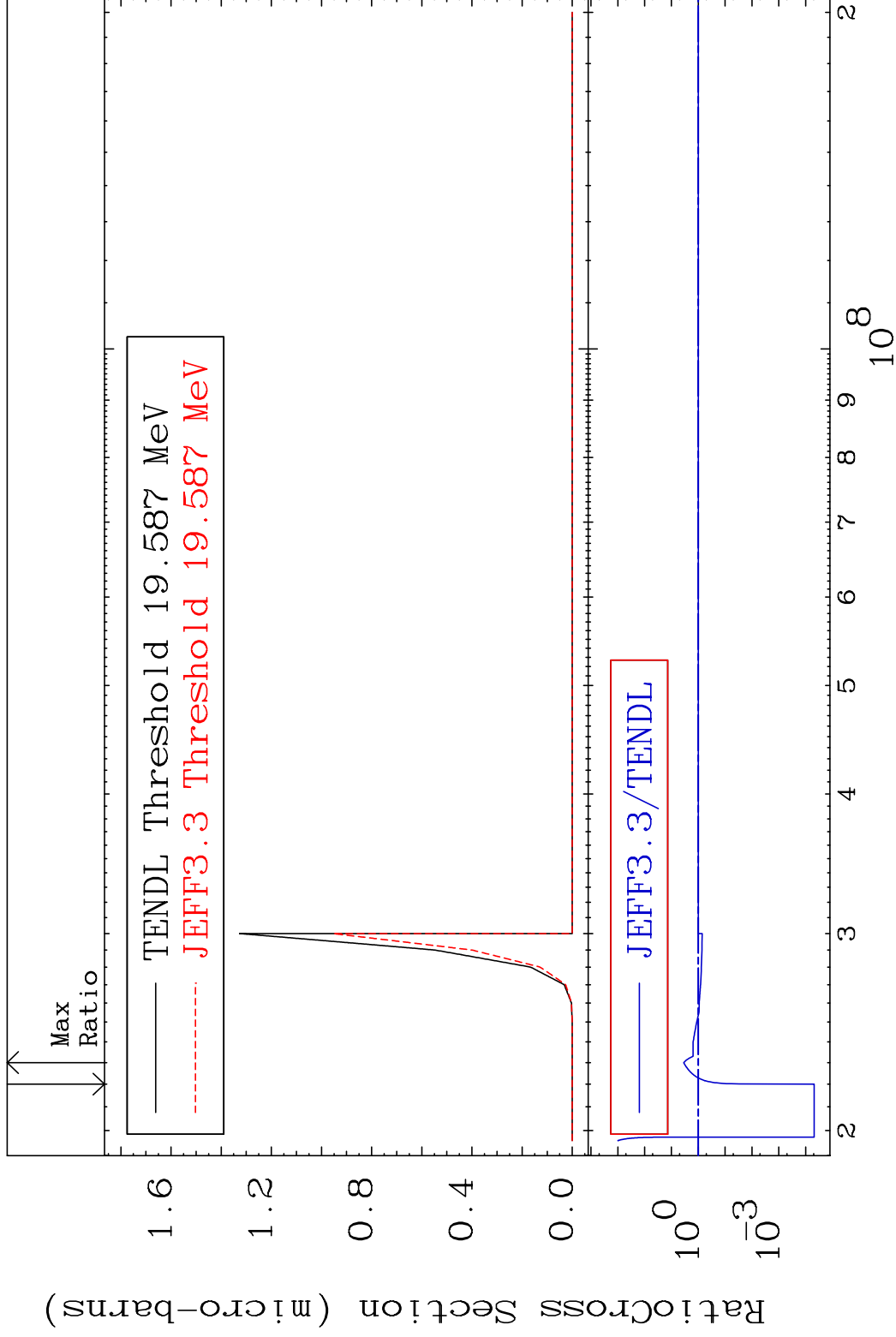
34-Se-78

MAT 3437

(n,p) t

³⁴Se-78

Cross Section -100.0 To 251.2 %



46

Incident Energy (eV)

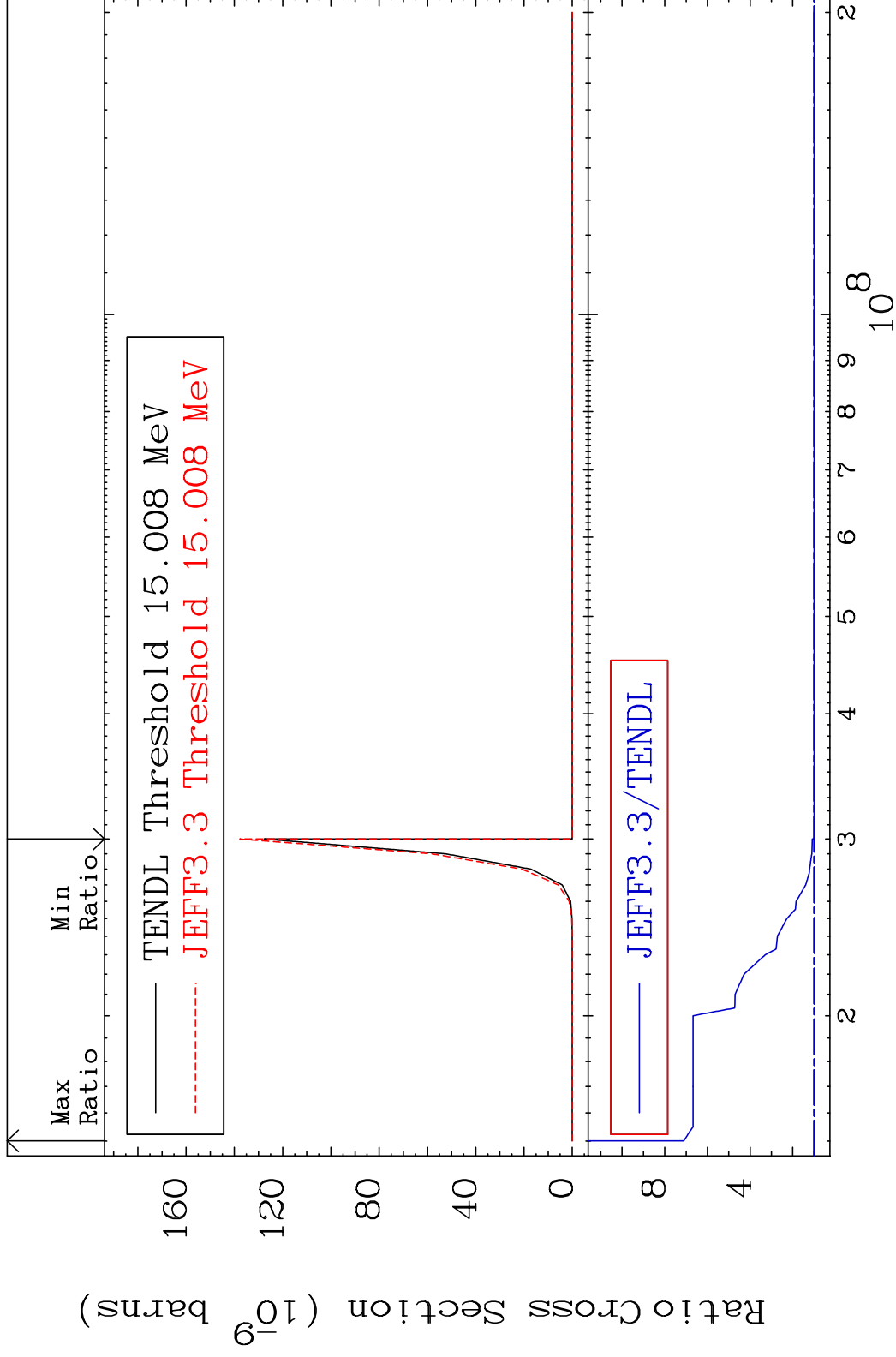
³⁴Se-78

MAT 3437

(n,d) α

³⁴Se-78

Cross Section 0.000 To 611.5 %



47

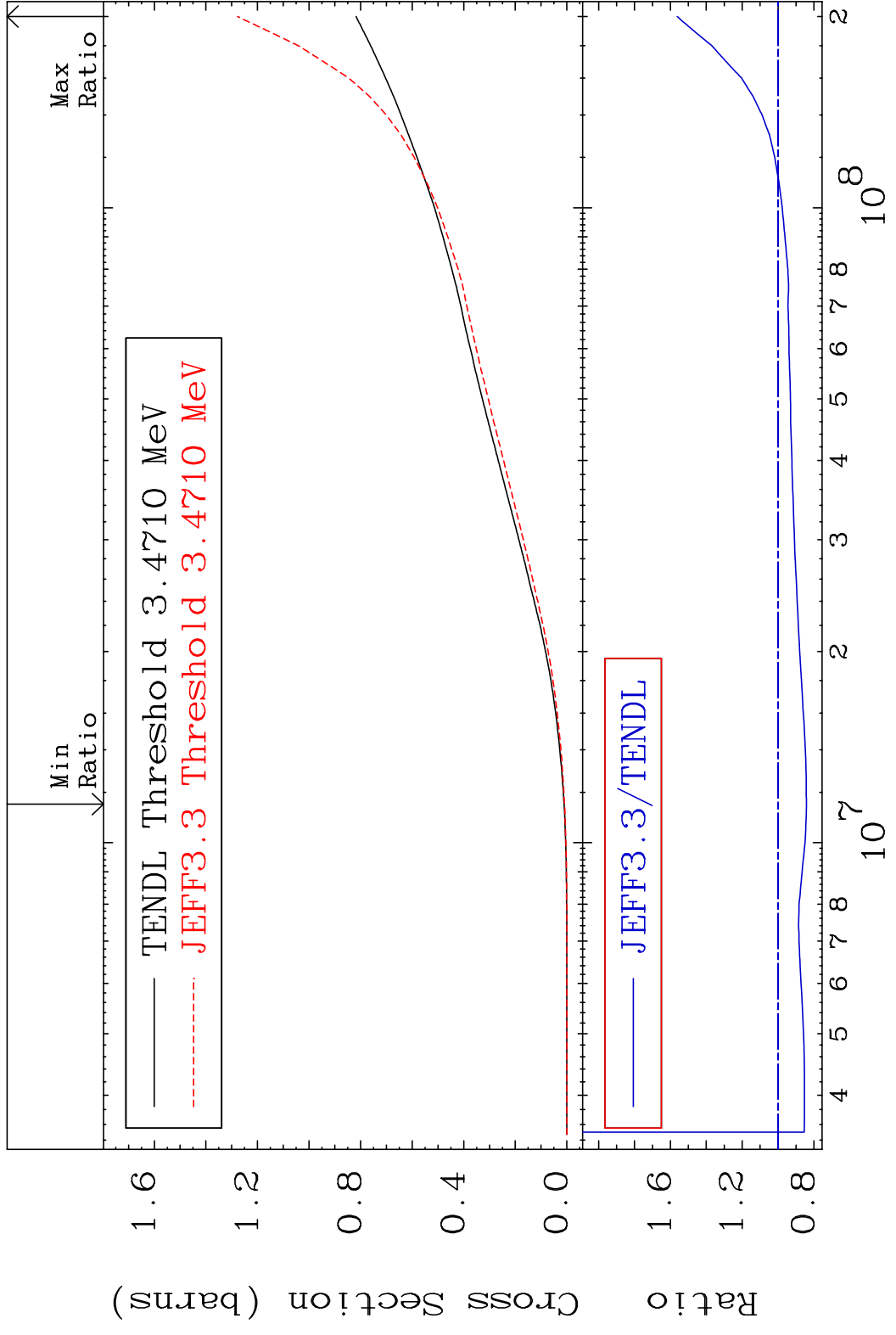
Incident Energy (eV)

³⁴Se-78

MAT 3437

Hydrogen Production
Cross Section -15.79 To 56.21 %

³⁴Se-78

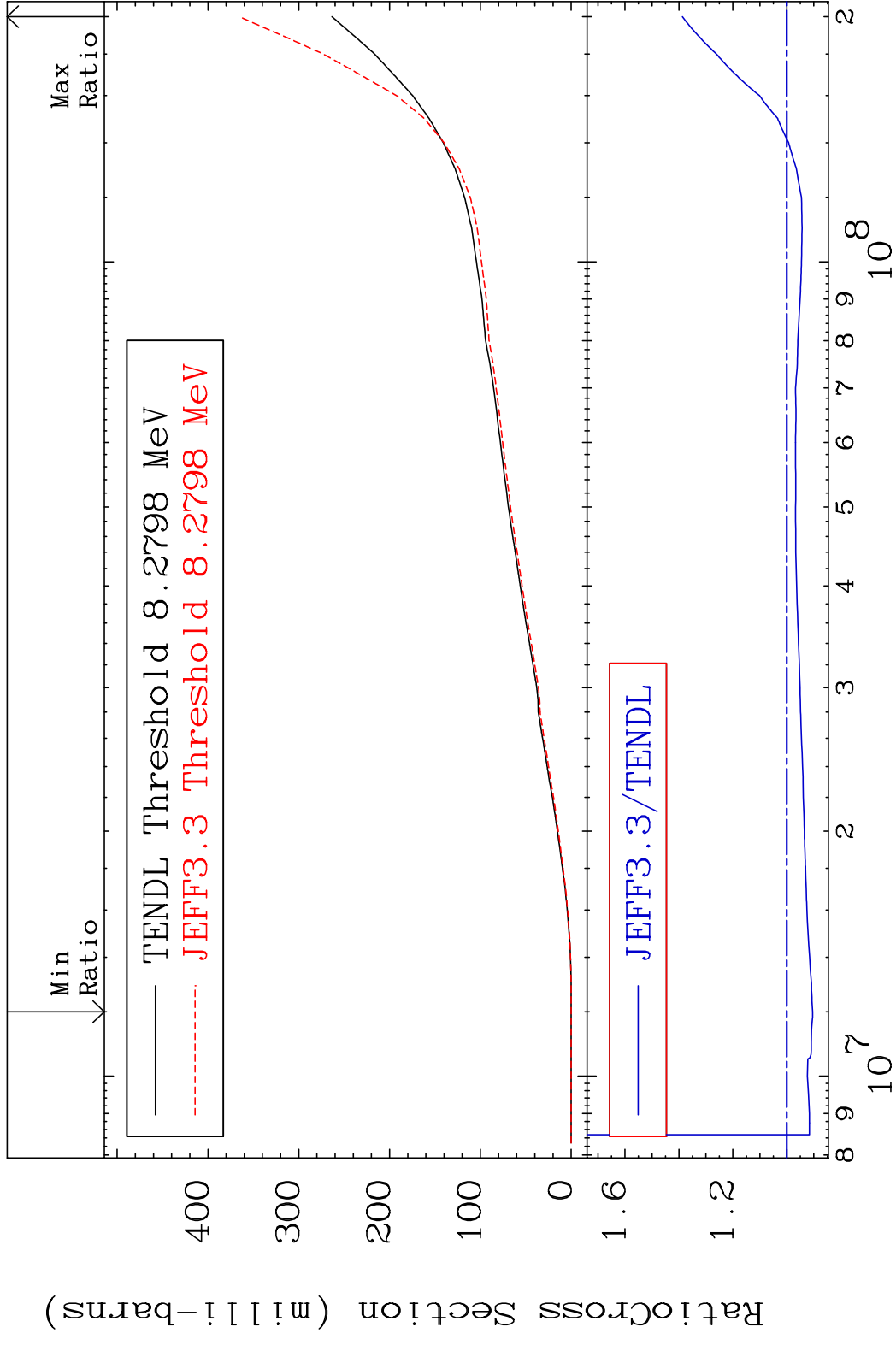


MAT 3437

Deuterium Production

³⁴Se-78

Cross Section -9.525 To 38.73 %



49

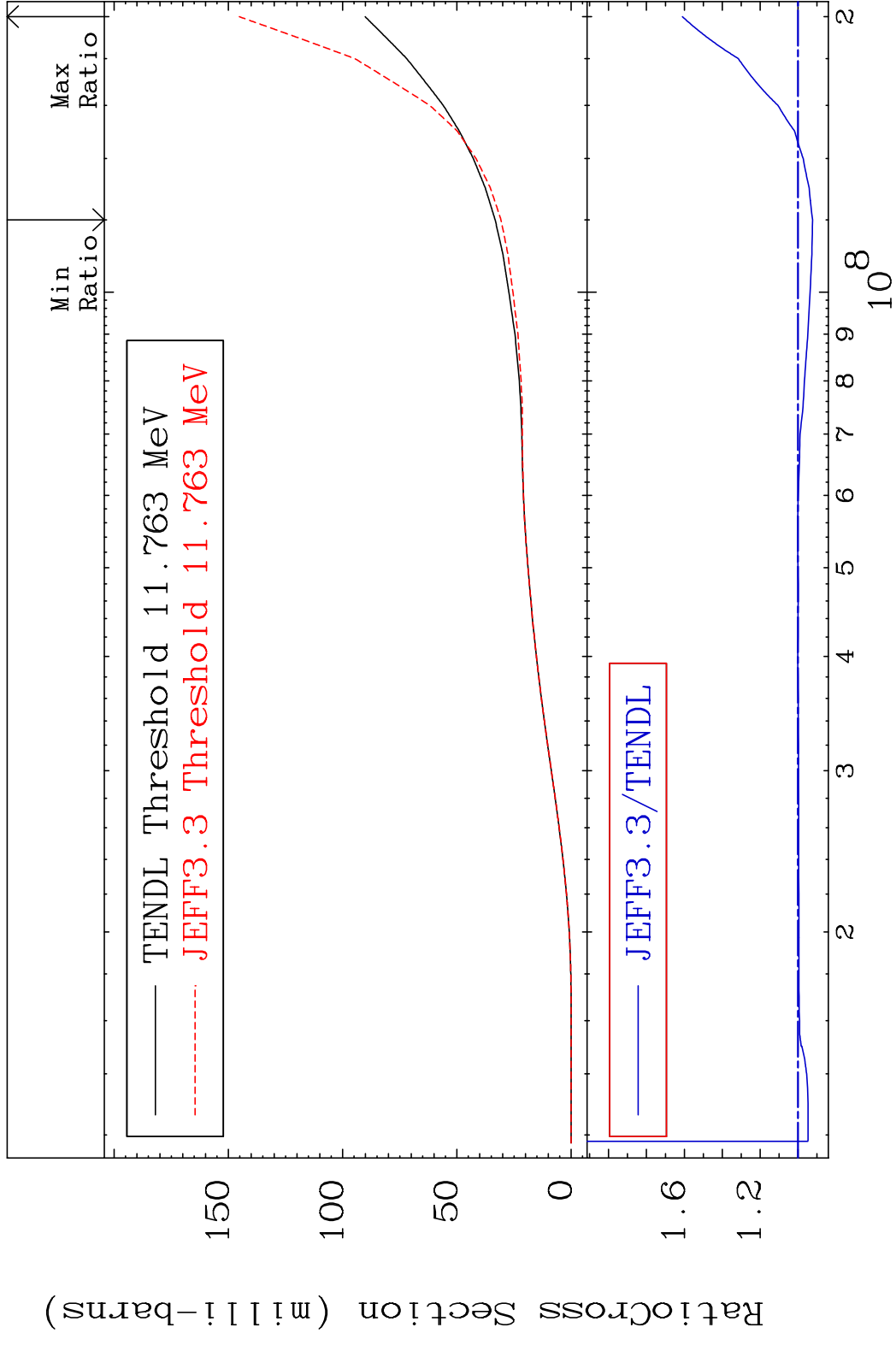
Incident Energy (eV)

³⁴Se-78

MAT 3437

Tritium Production
Cross Section

34-Se-78
-7.709 To 61.05 %

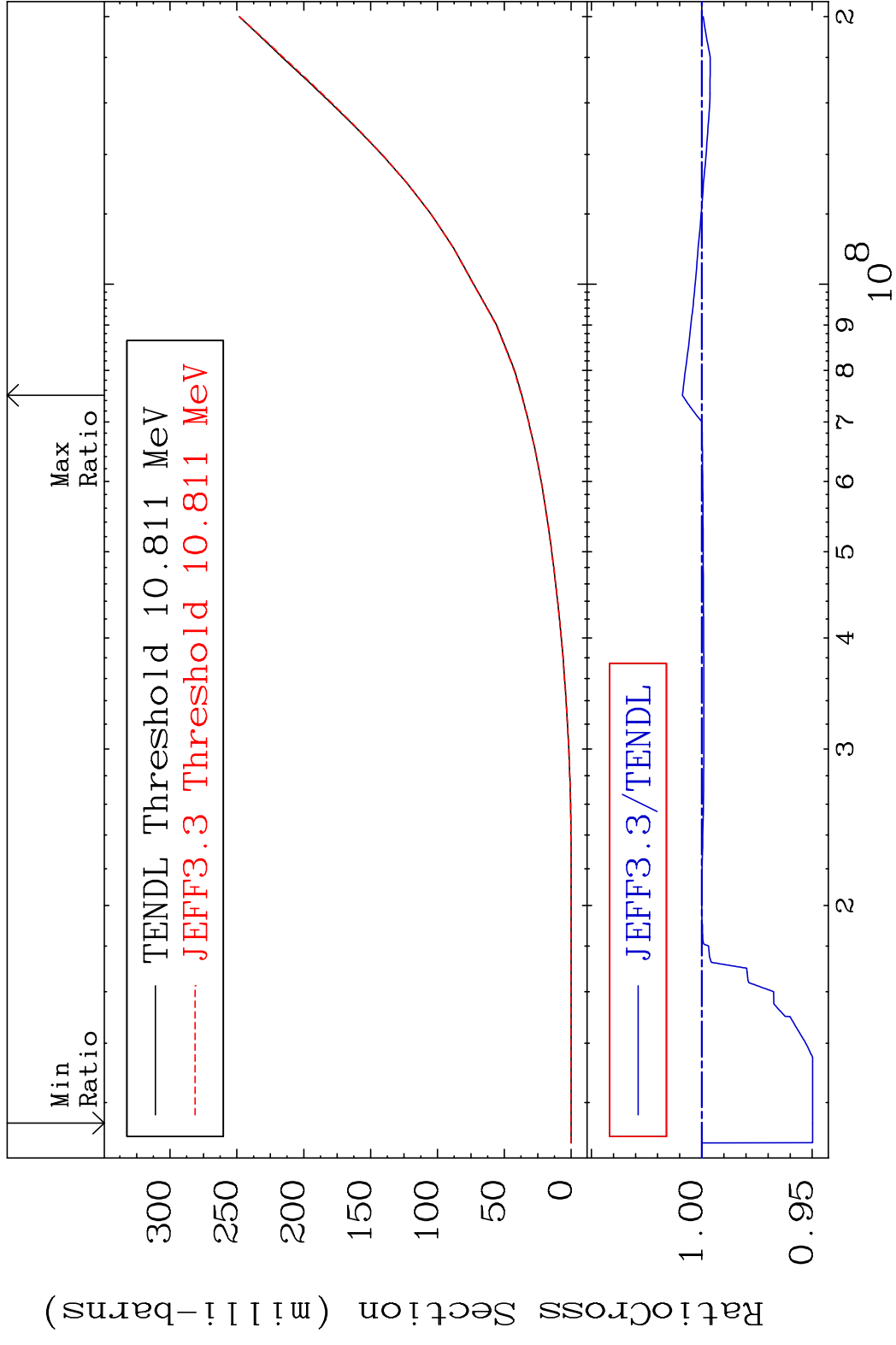


50

Incident Energy (eV)

34-Se-78

Cross Section -5.015 To 0.881 %

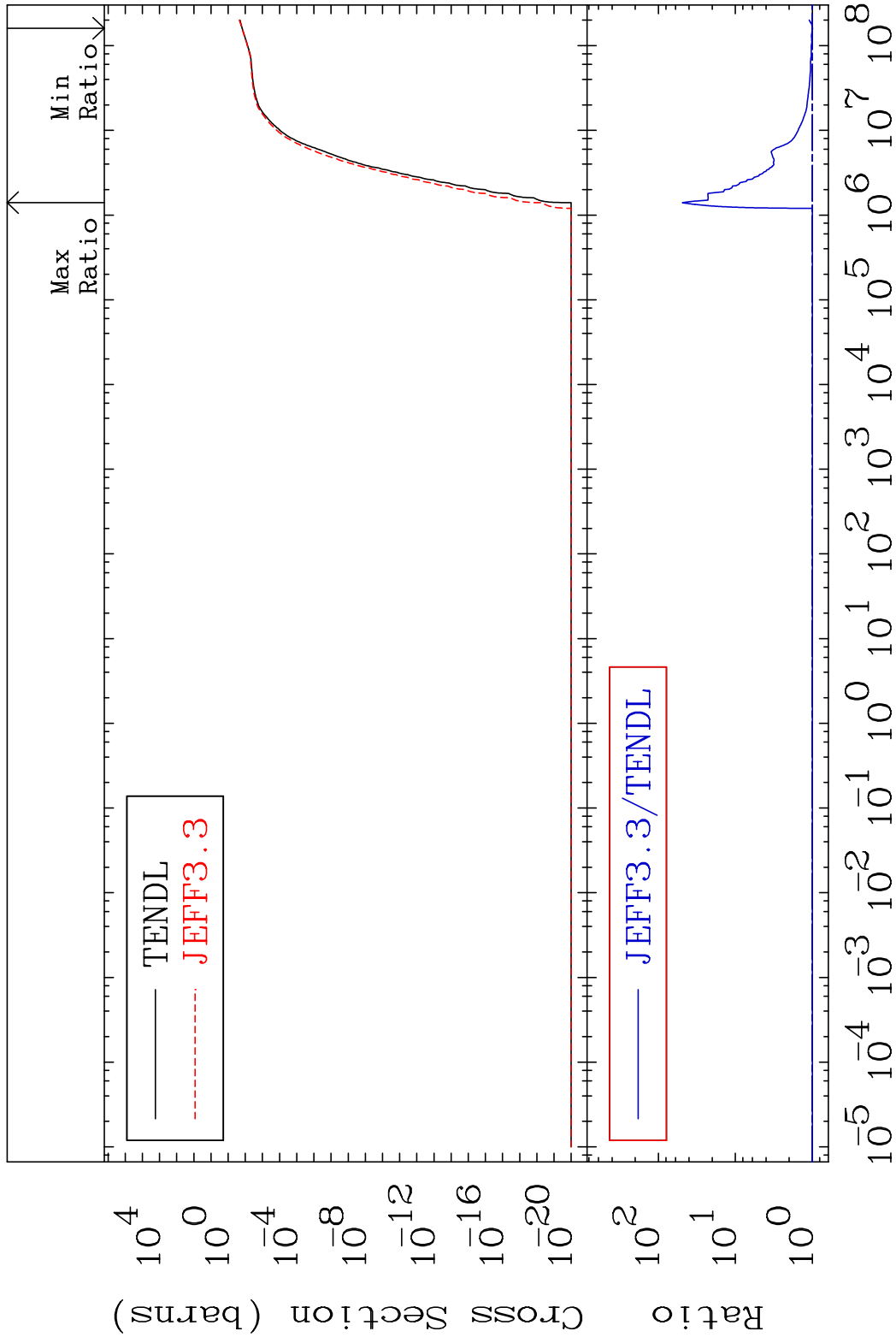


MAT 3437

He-4 Production

34-Se-78

Cross Section -0.764 To 4785. %

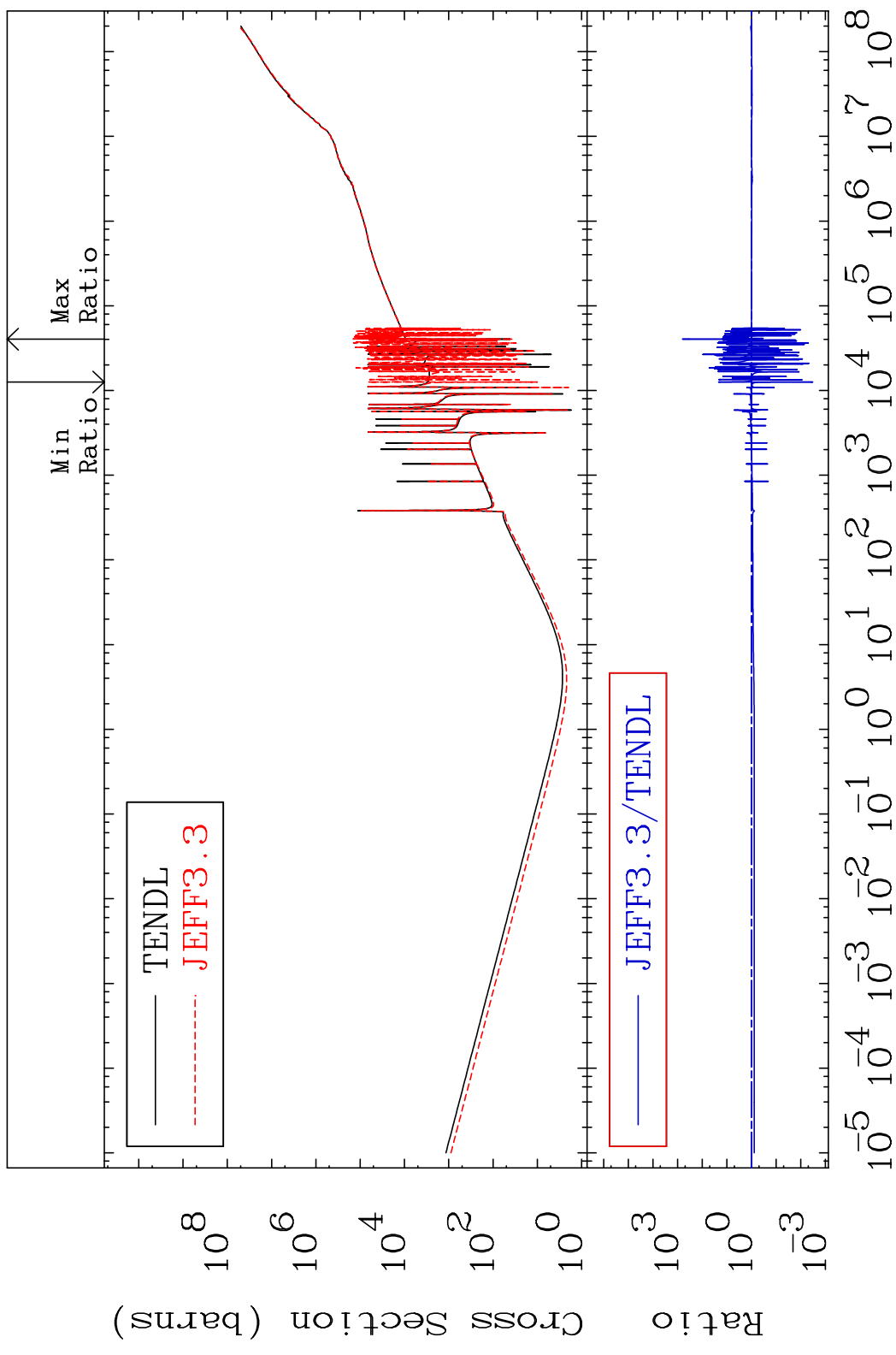


MAT 3437

Kerma total (eV-barns)

34-Se-78

Cross Section -99.67 To 9999. %



53

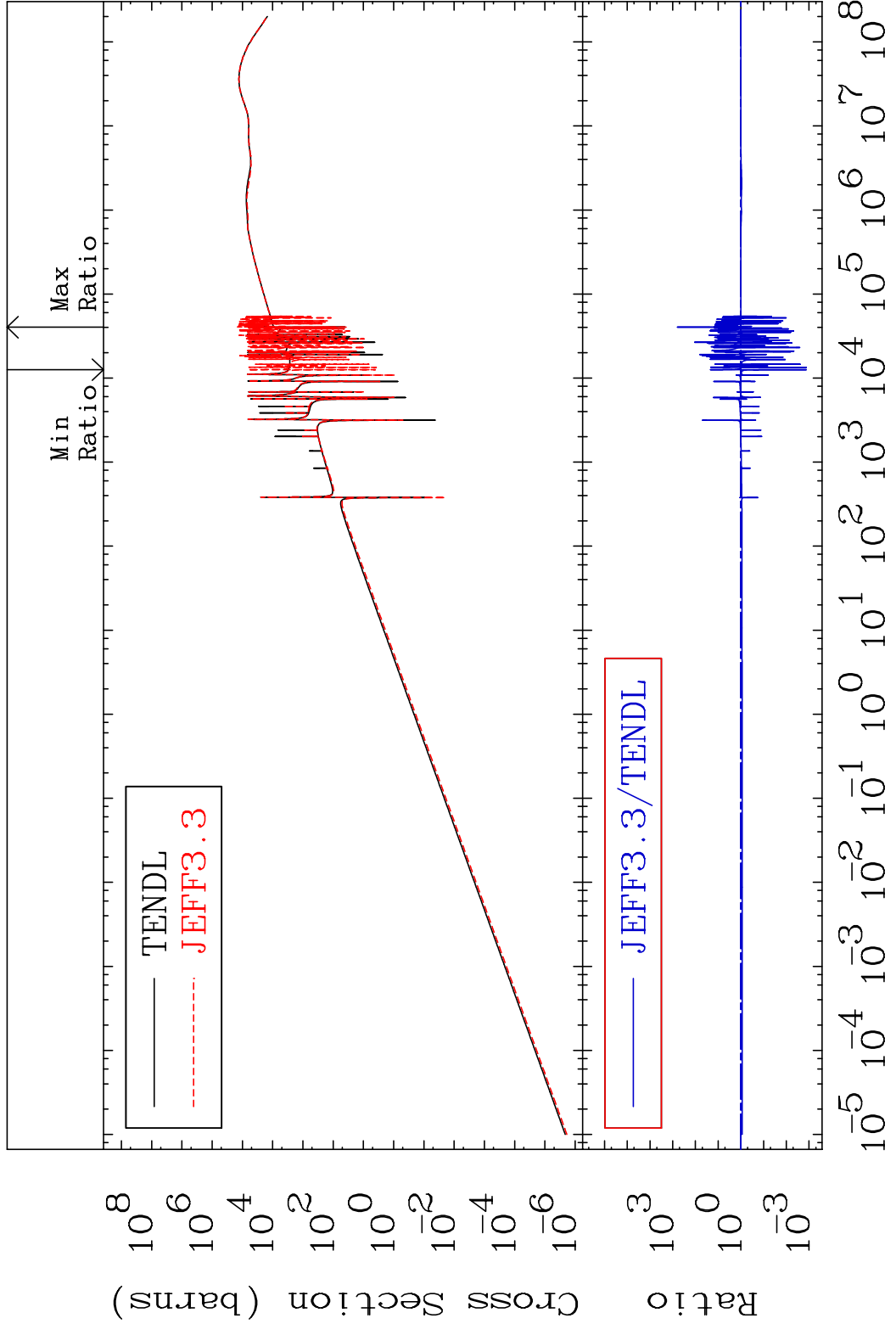
Incident Energy (eV)

34-Se-78

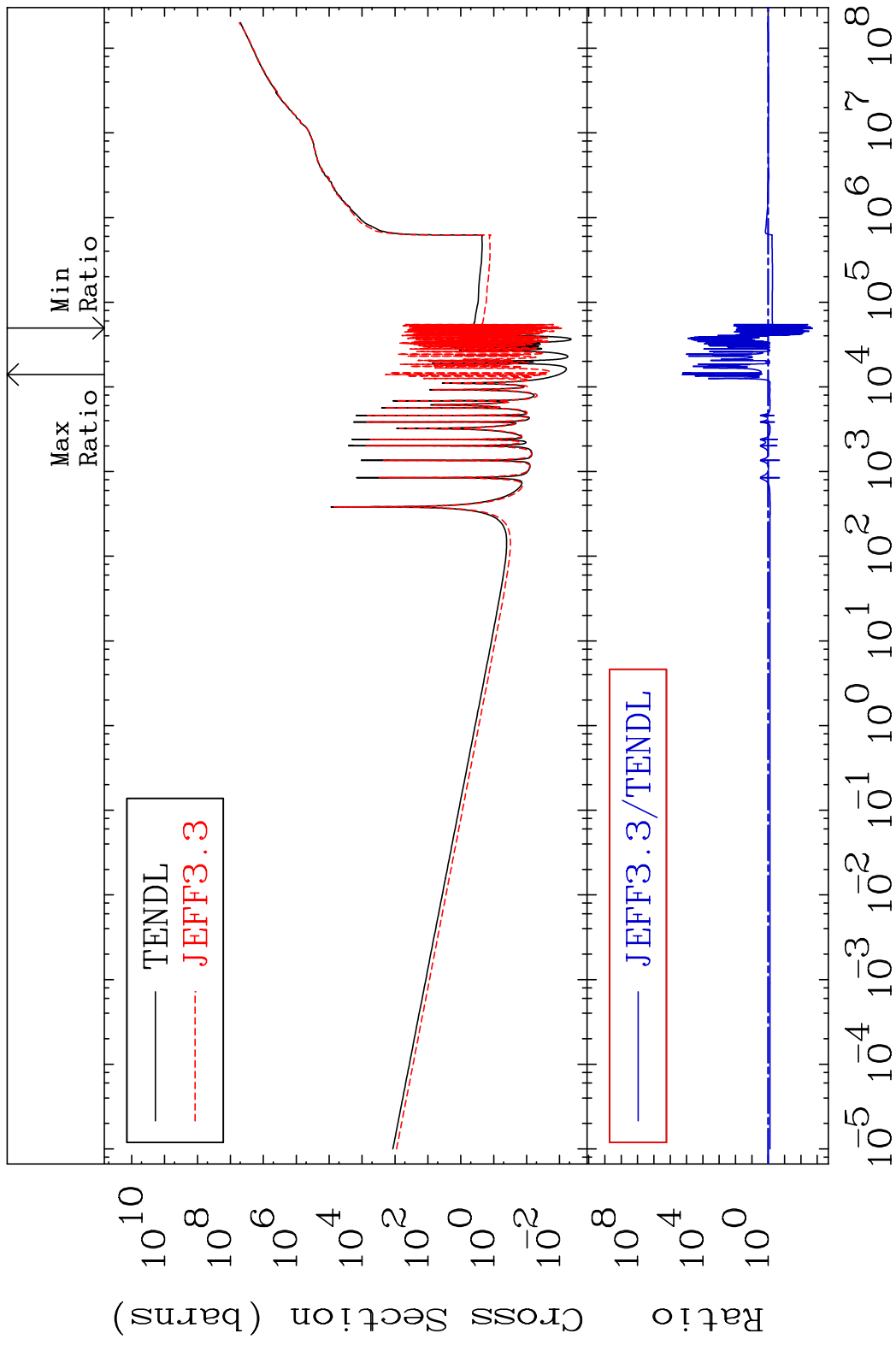
MAT 3437

Kerma elastic
Cross Section

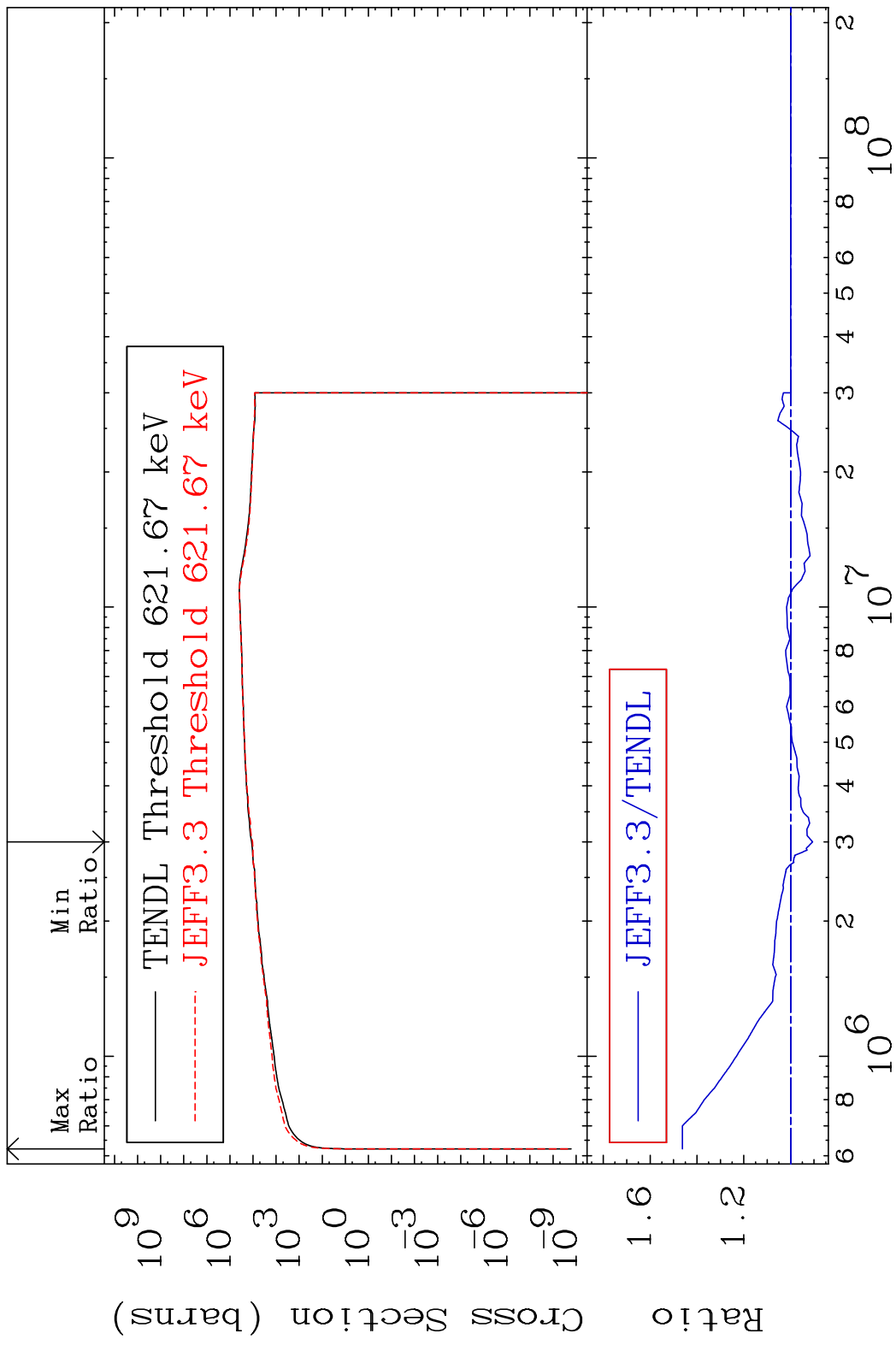
34-Se-78
-99.87 To 9999. %



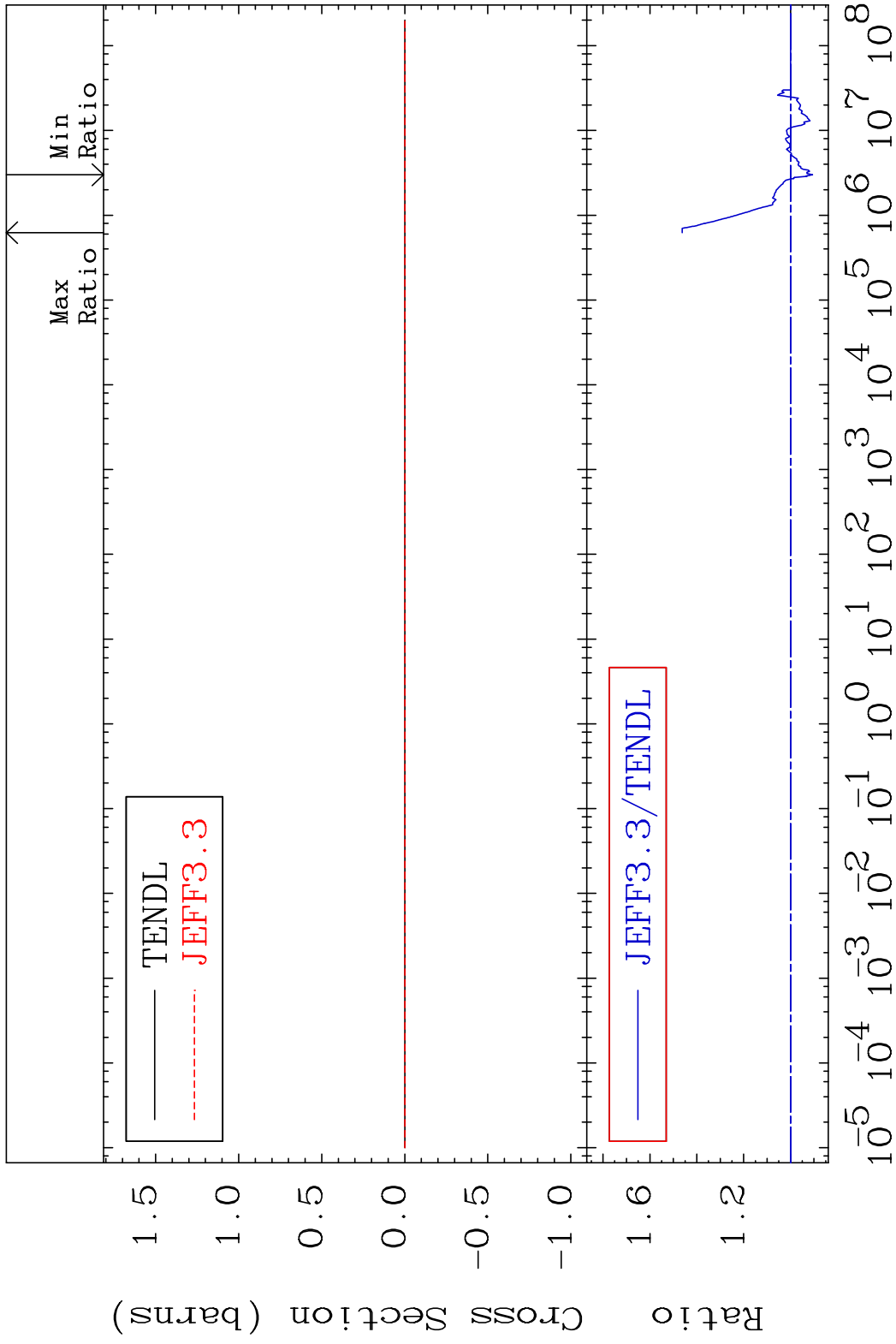
MAT 3437 Kerma non-elastic (all but mt2) 34-Se-78
 Cross Section -99.81 To 9999. %



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

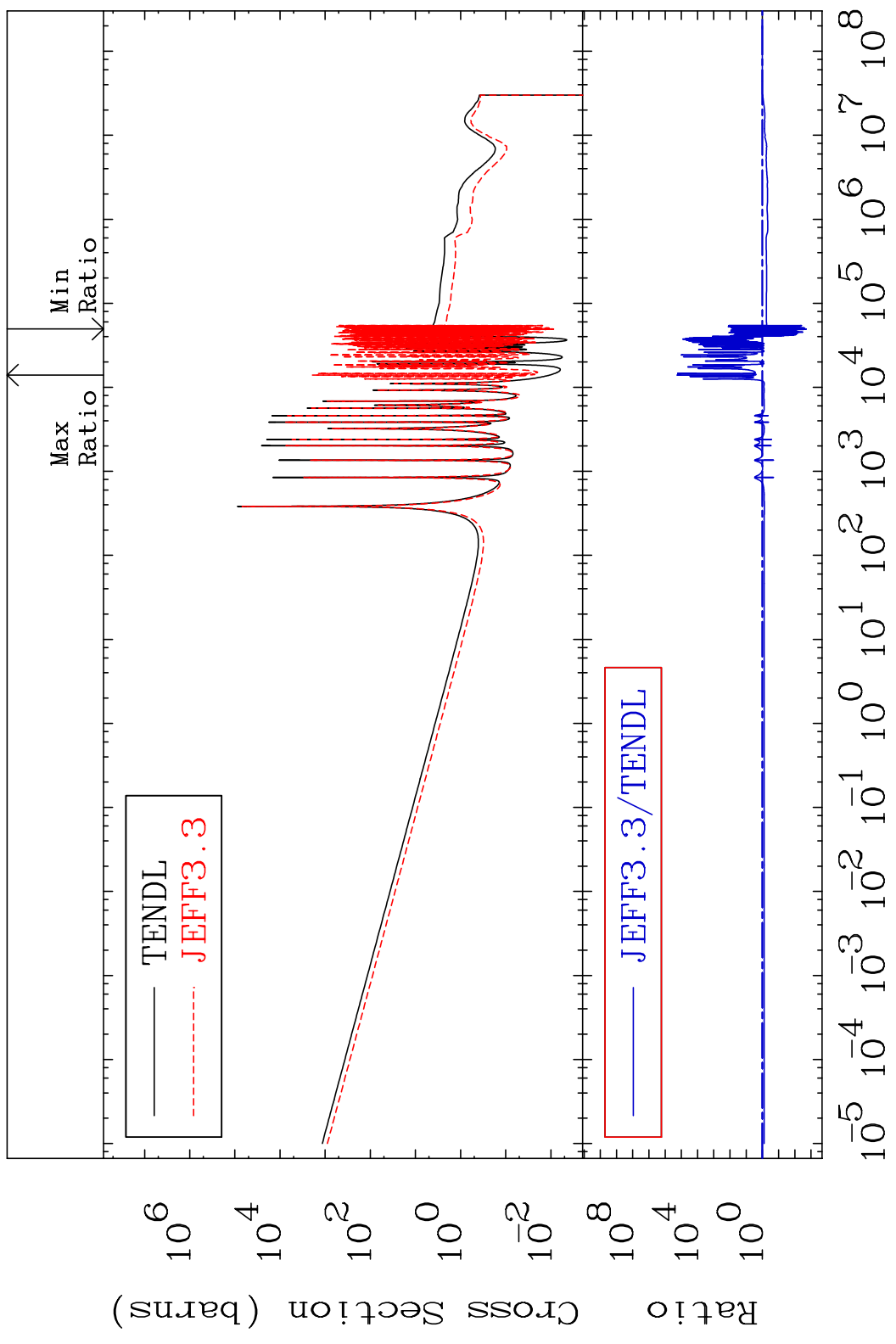


MAT 3437 Kerma fission (mt18 or mt19-20-21-38) 34-Se-78
 Cross Section -9.347 To 46.24 %



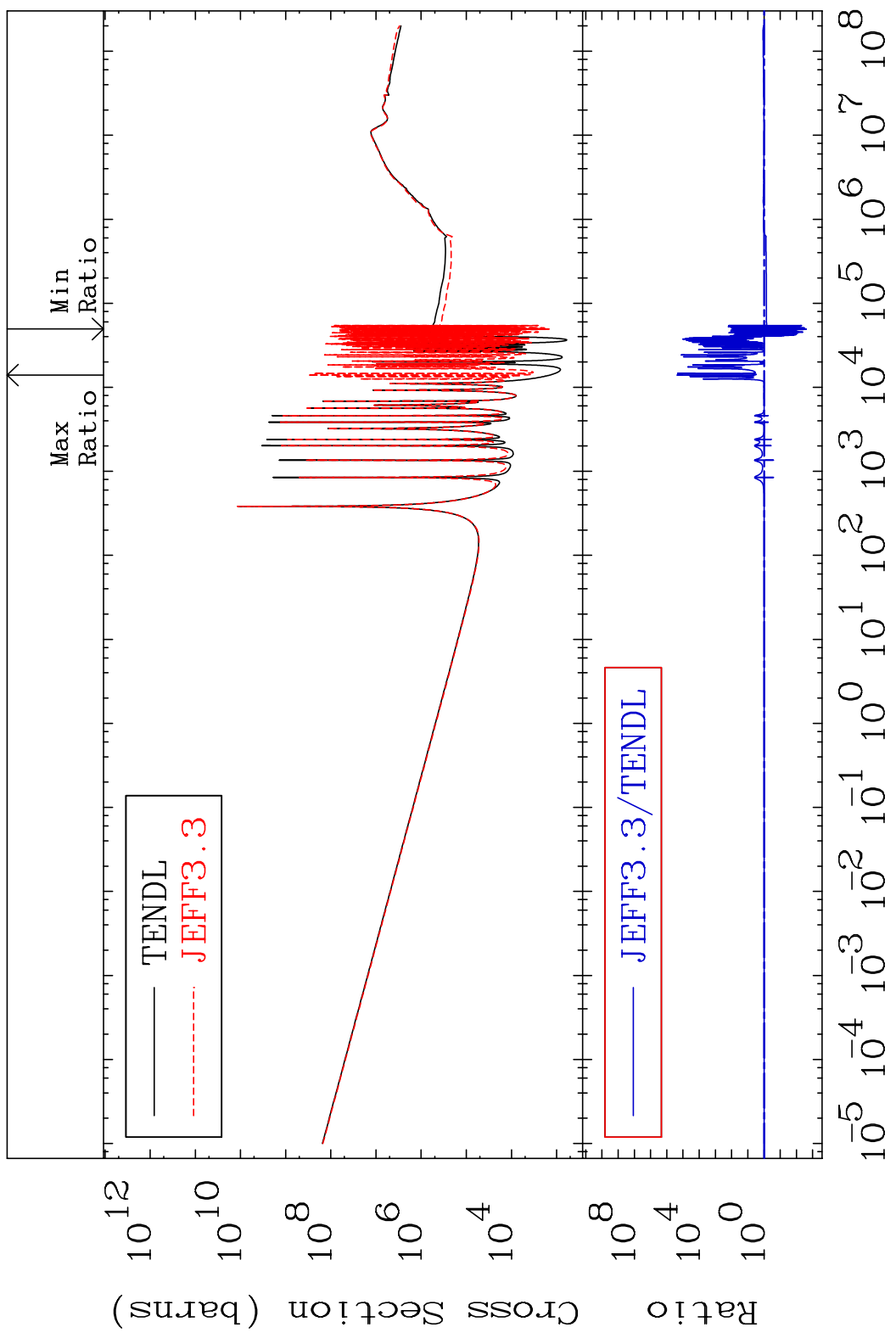
MAT 3437

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



MAT 3437

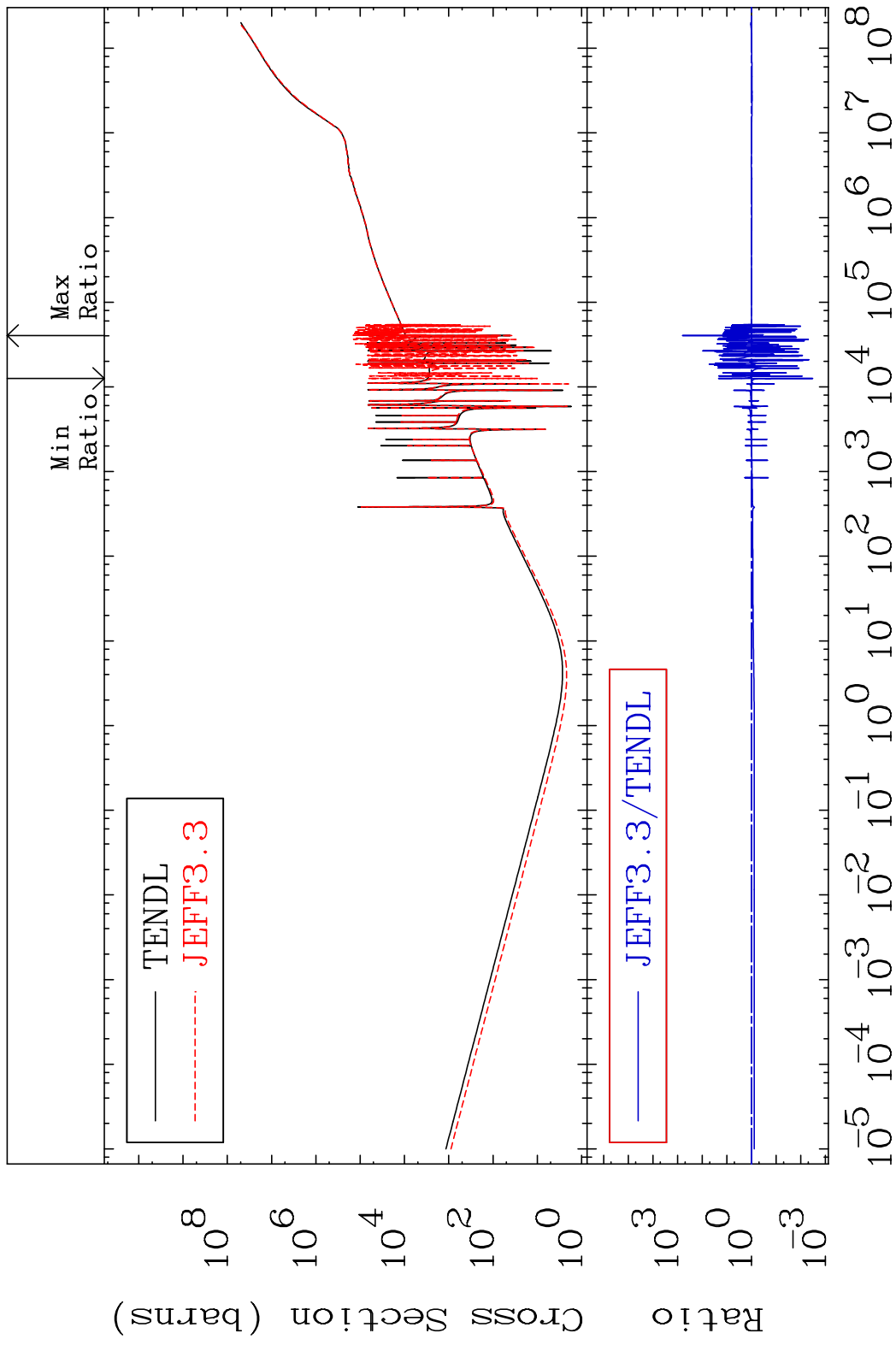
Total photon (eV-barns) 34-Se-78
Cross Section -99.76 To 9999. %



59

Incident Energy (eV) 34-Se-78

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



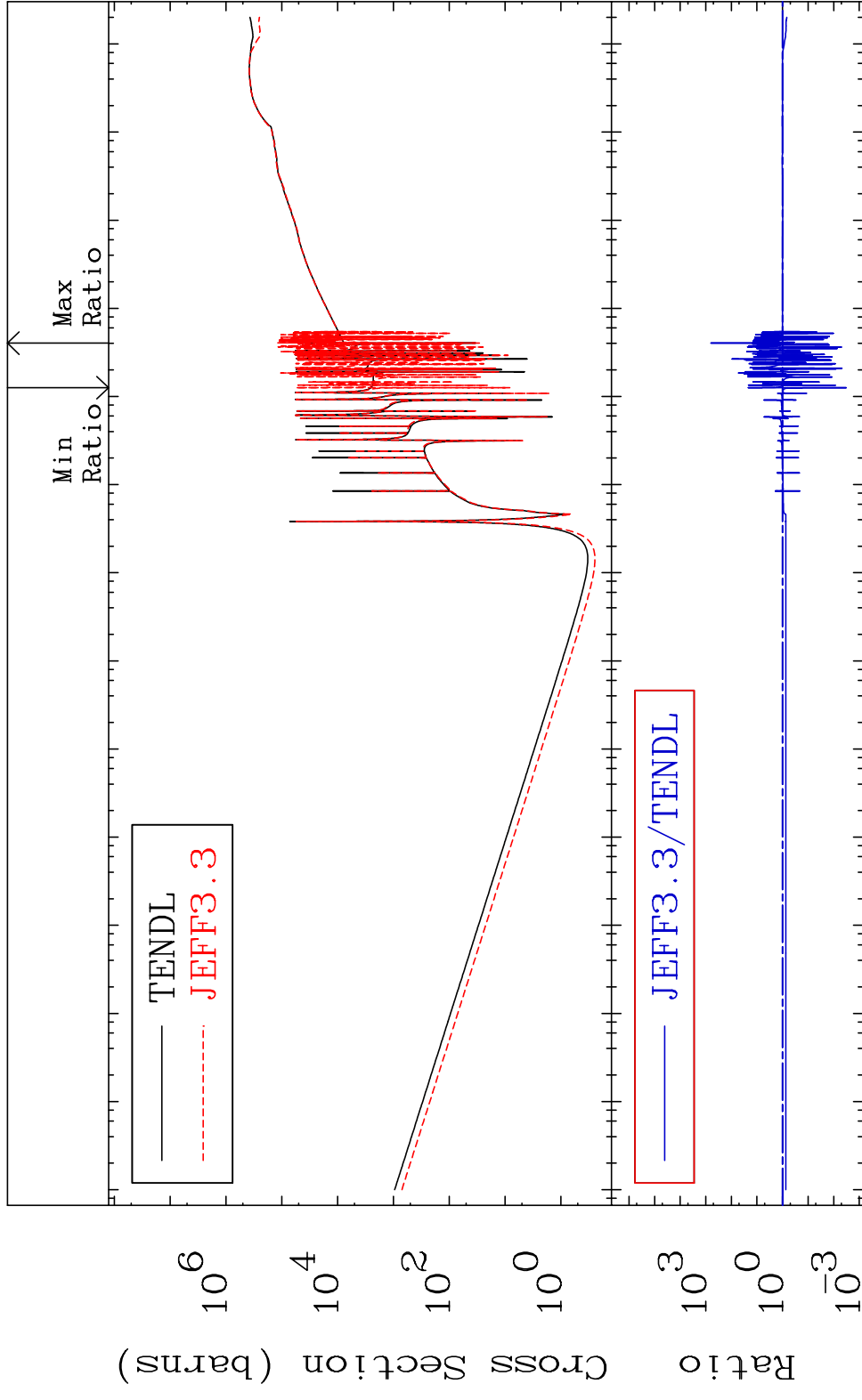
60 Incident Energy (eV) 34-Se-78

MAT 3437

Dpa total (eV-barns)

34-Se-78

Cross Section -99.68 To 9999. %



61

Incident Energy (eV)

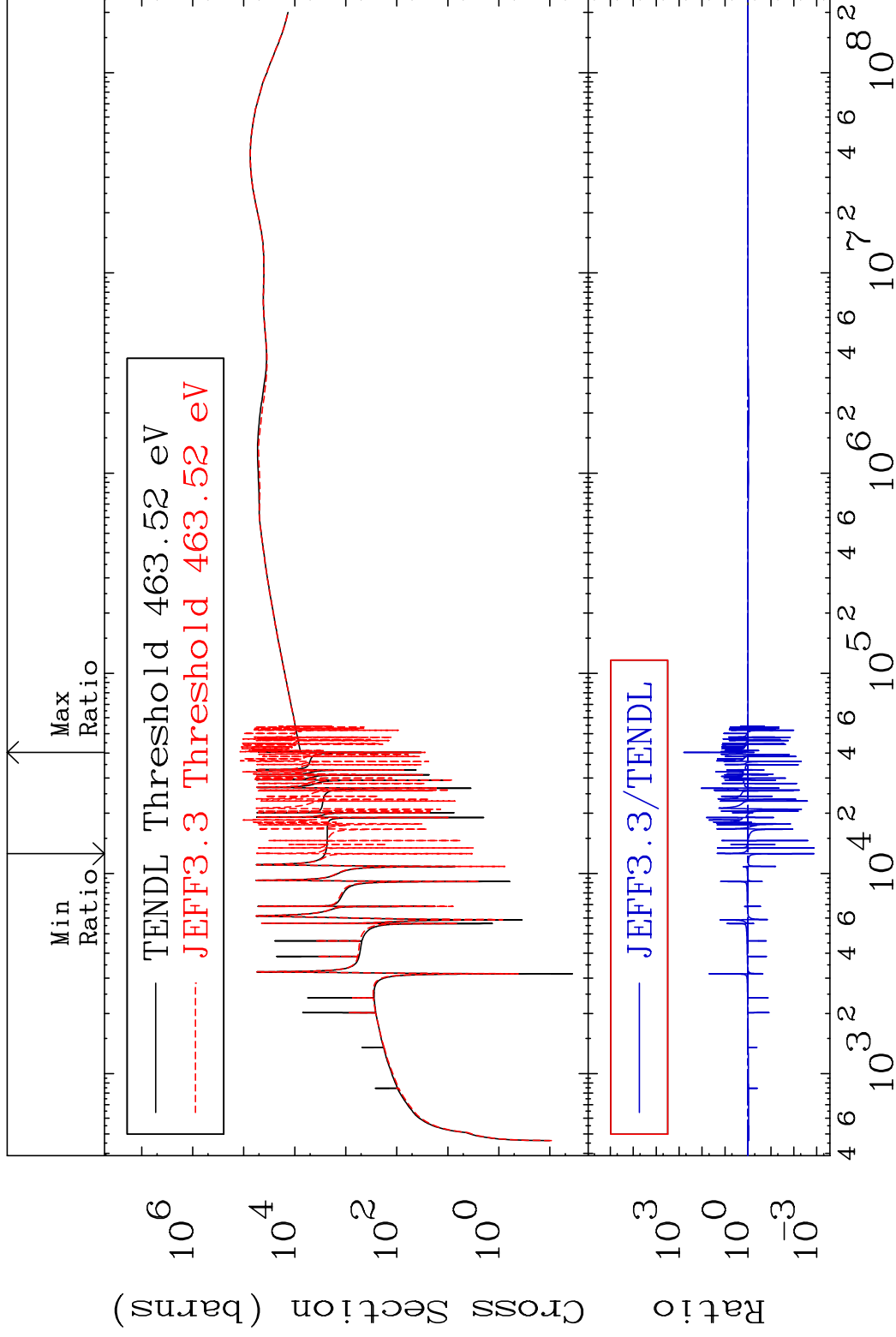
34-Se-78

MAT 3437

Dpa elastic (mt2)

34-Se-78

Cross Section -99.87 To 9999. %

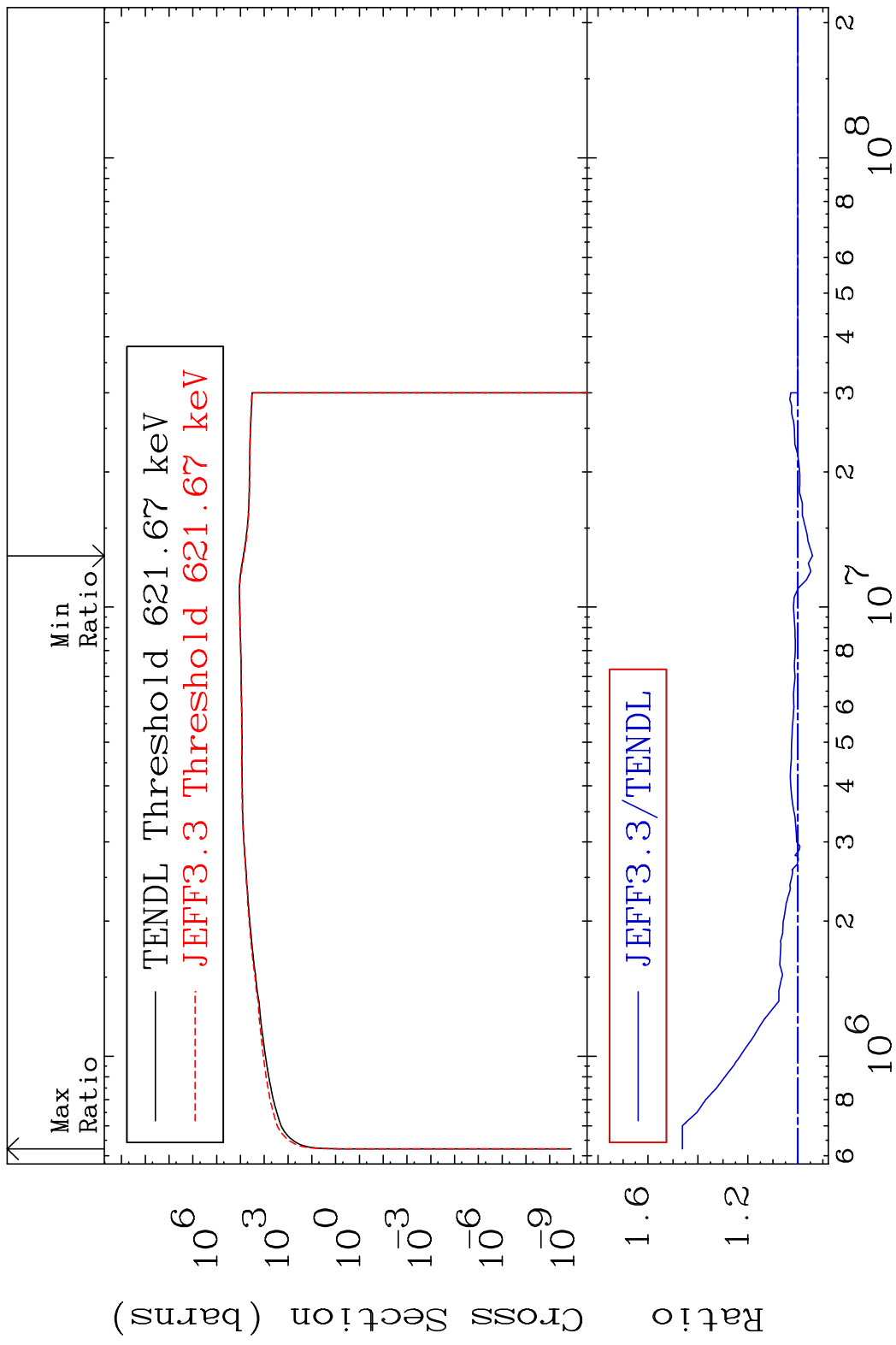


62

Incident Energy (eV)

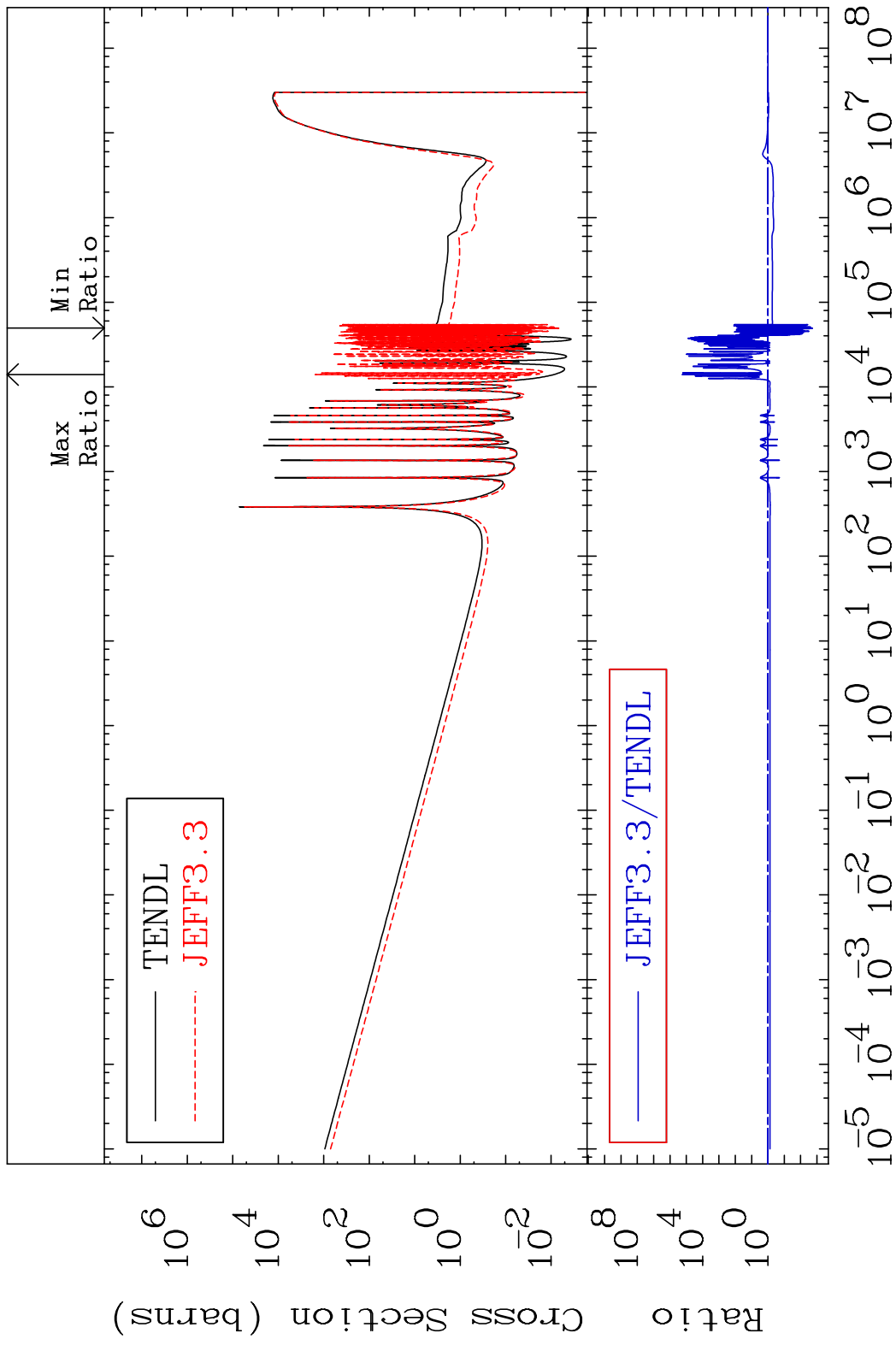
34-Se-78

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

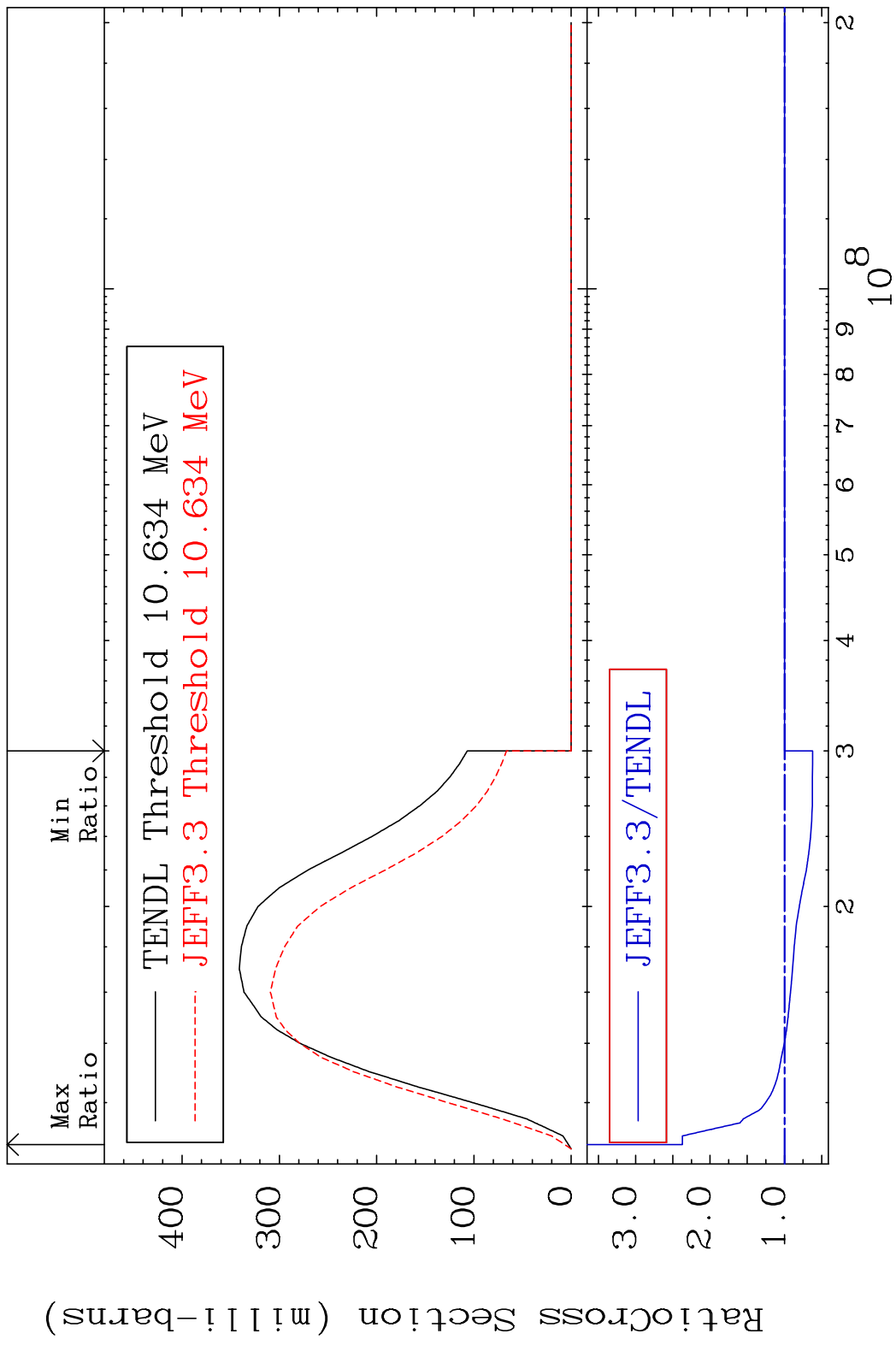


63 Incident Energy (eV) 34-Se-78

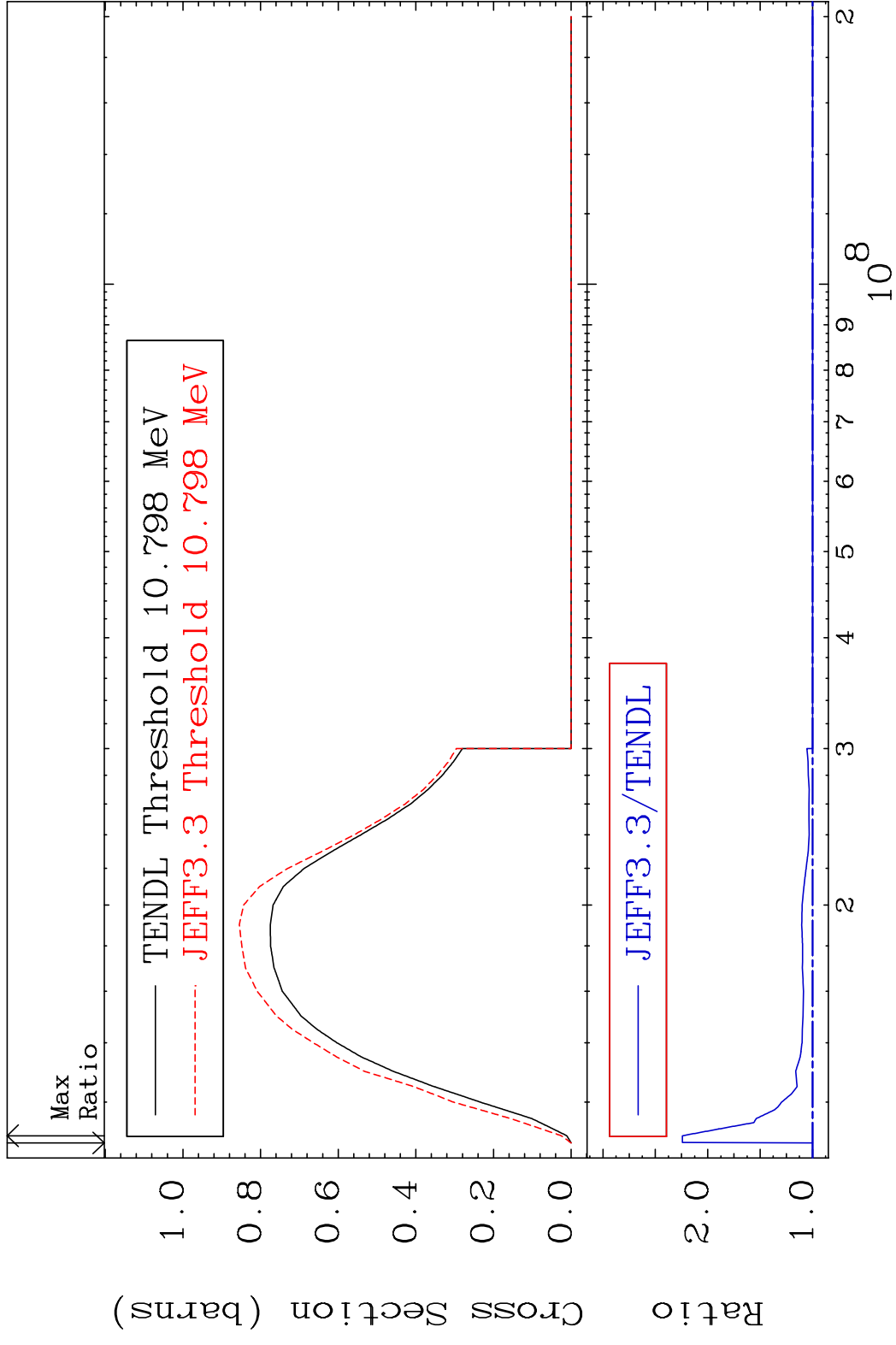
MAT 3437 Dpa disappearance (mt102 -120) 34-Se-78
 Cross Section -99.81 To 9999. %

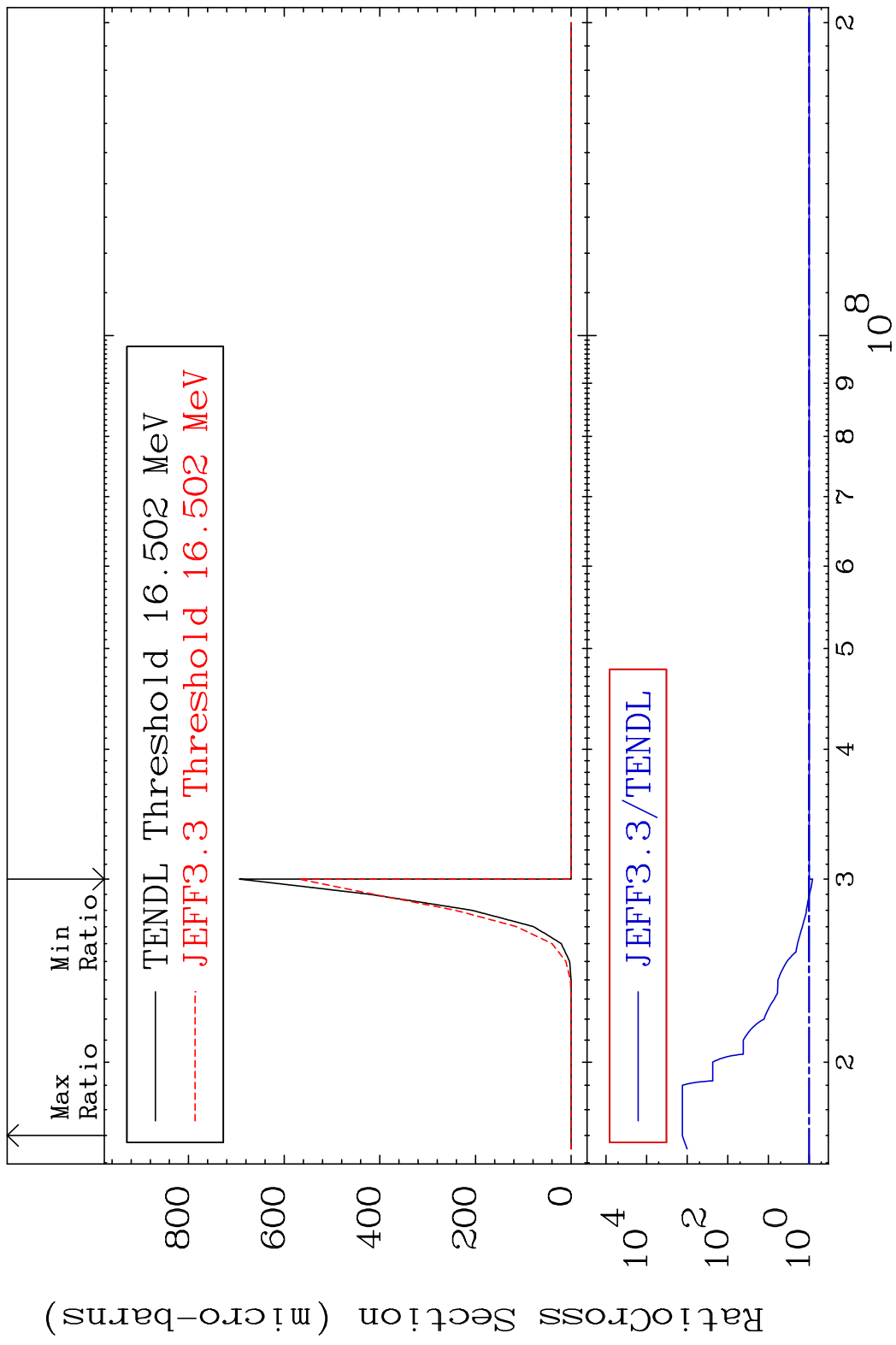


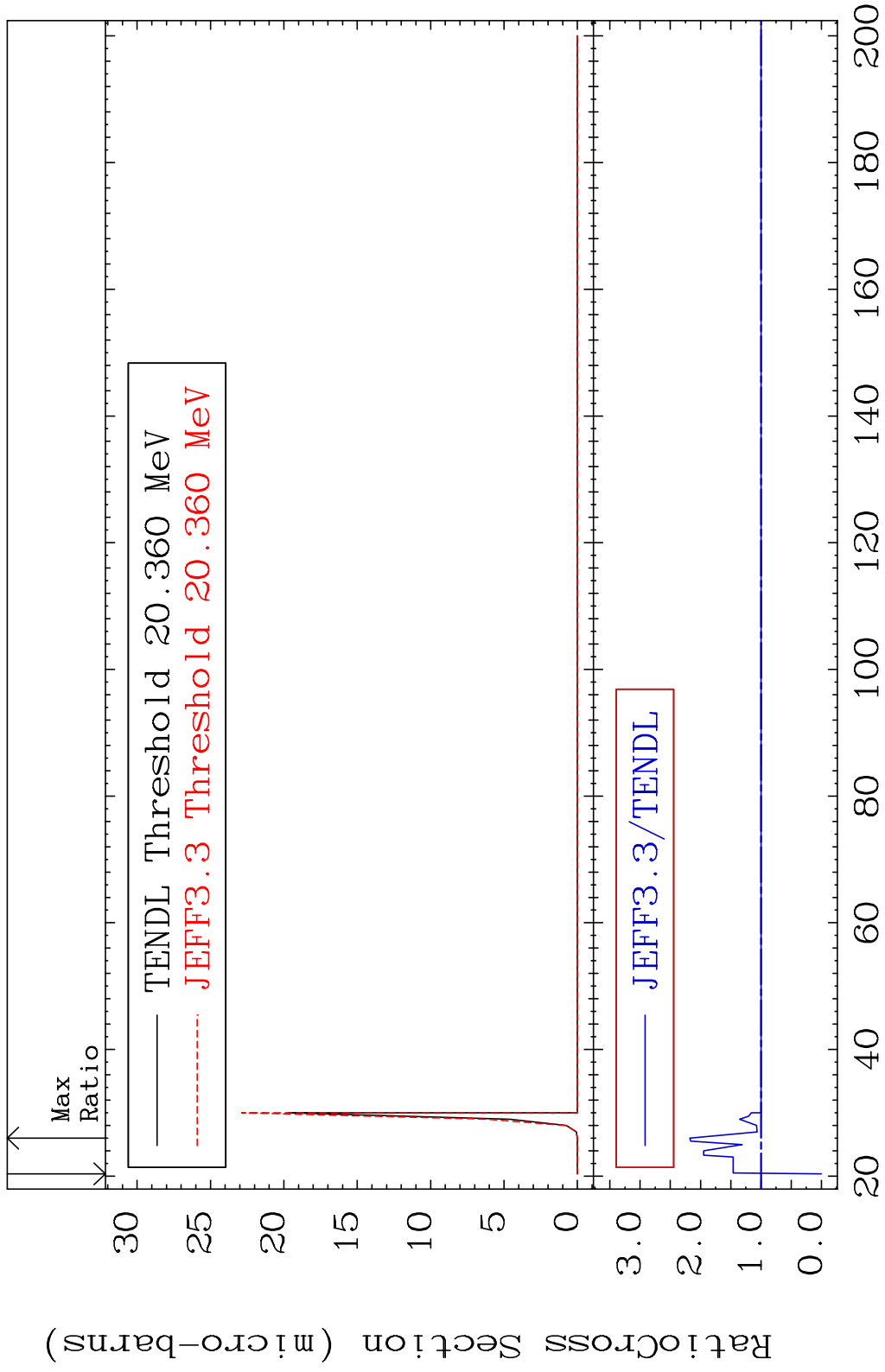
MAT 3437 (n,2n):34-Se-77g 34-Se-78
 Radionuclide Production Cross Section 137.2 %



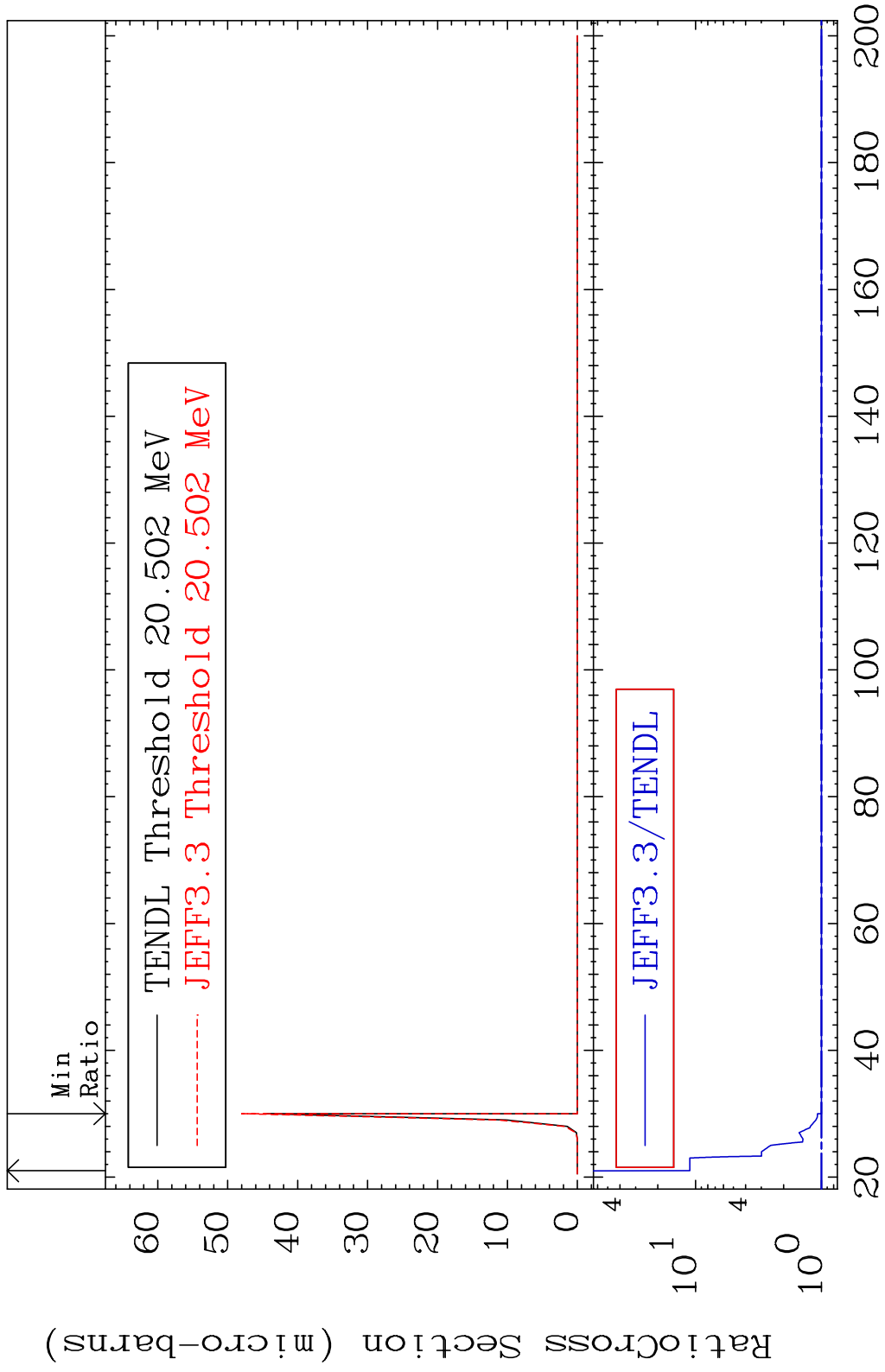
MAT 3437 (n,2n):34-Se-77m1 34-Se-78
 Radionuclide Production Cross Section 124.2 %



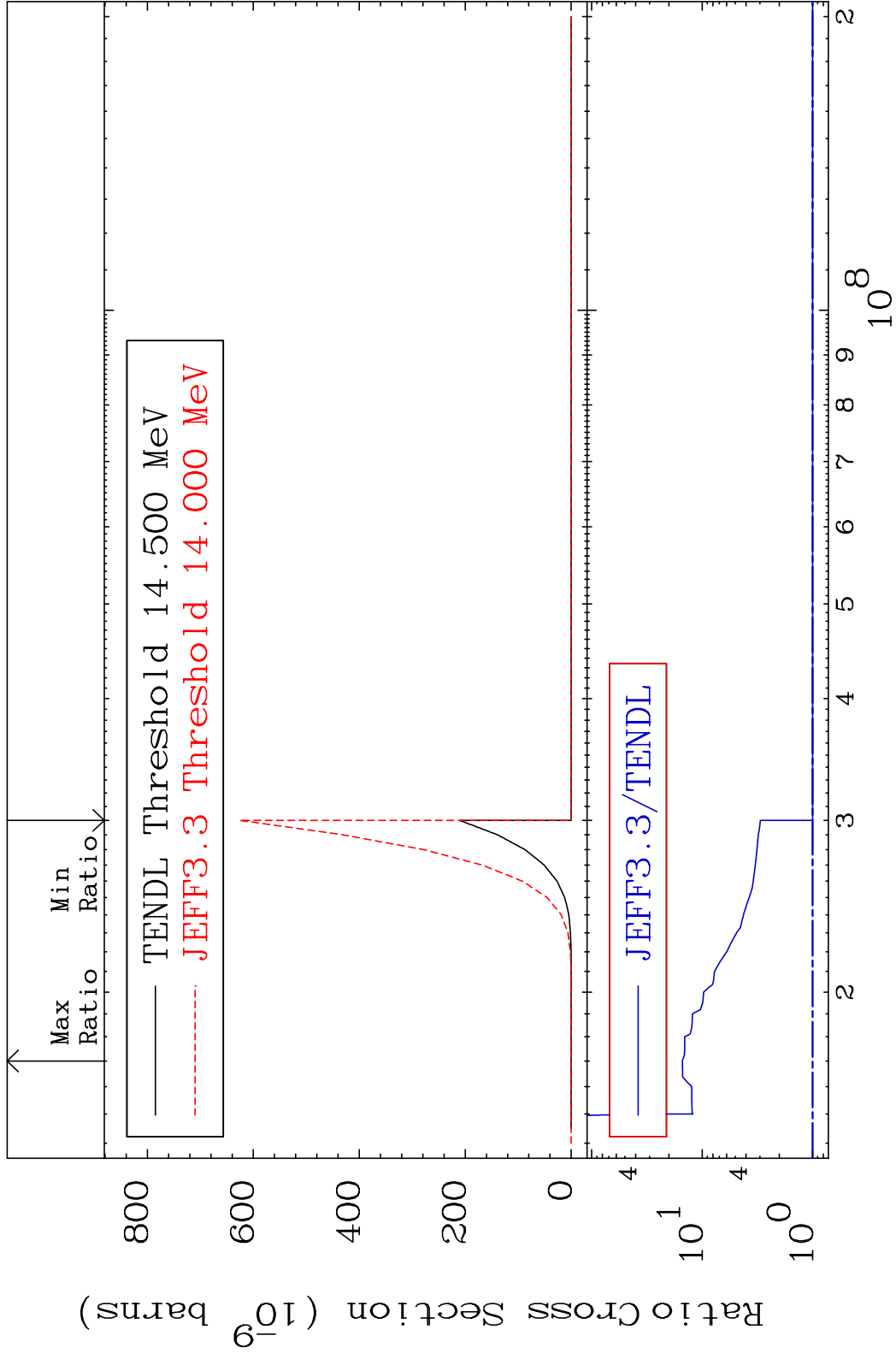


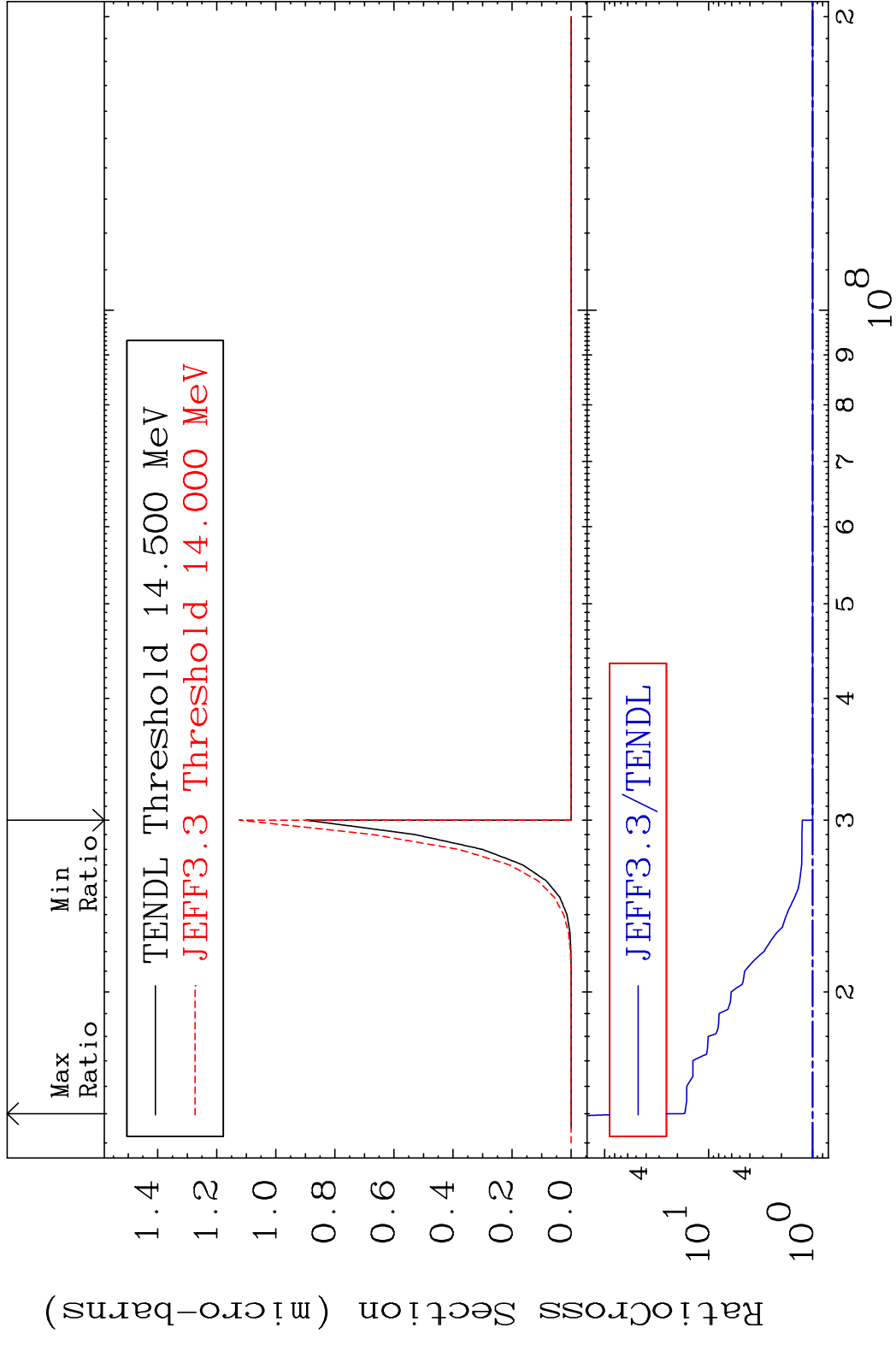


MAT 3437 (n, n') He-3:32-Ge-75m2 34-Se-78
 Radionuclide Production Cross Section 1012. %

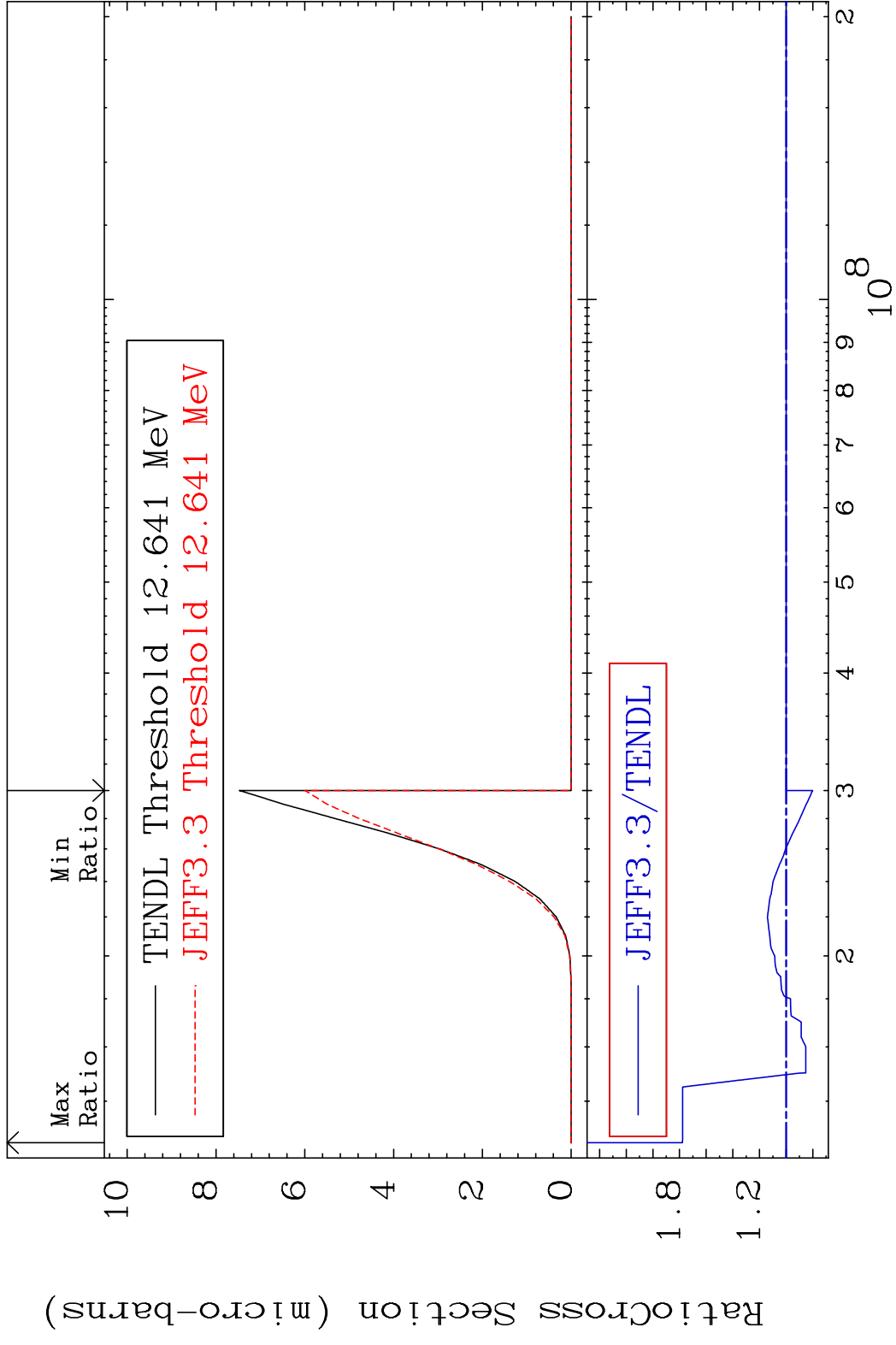


70 Incident Energy (MeV) 34-Se-78

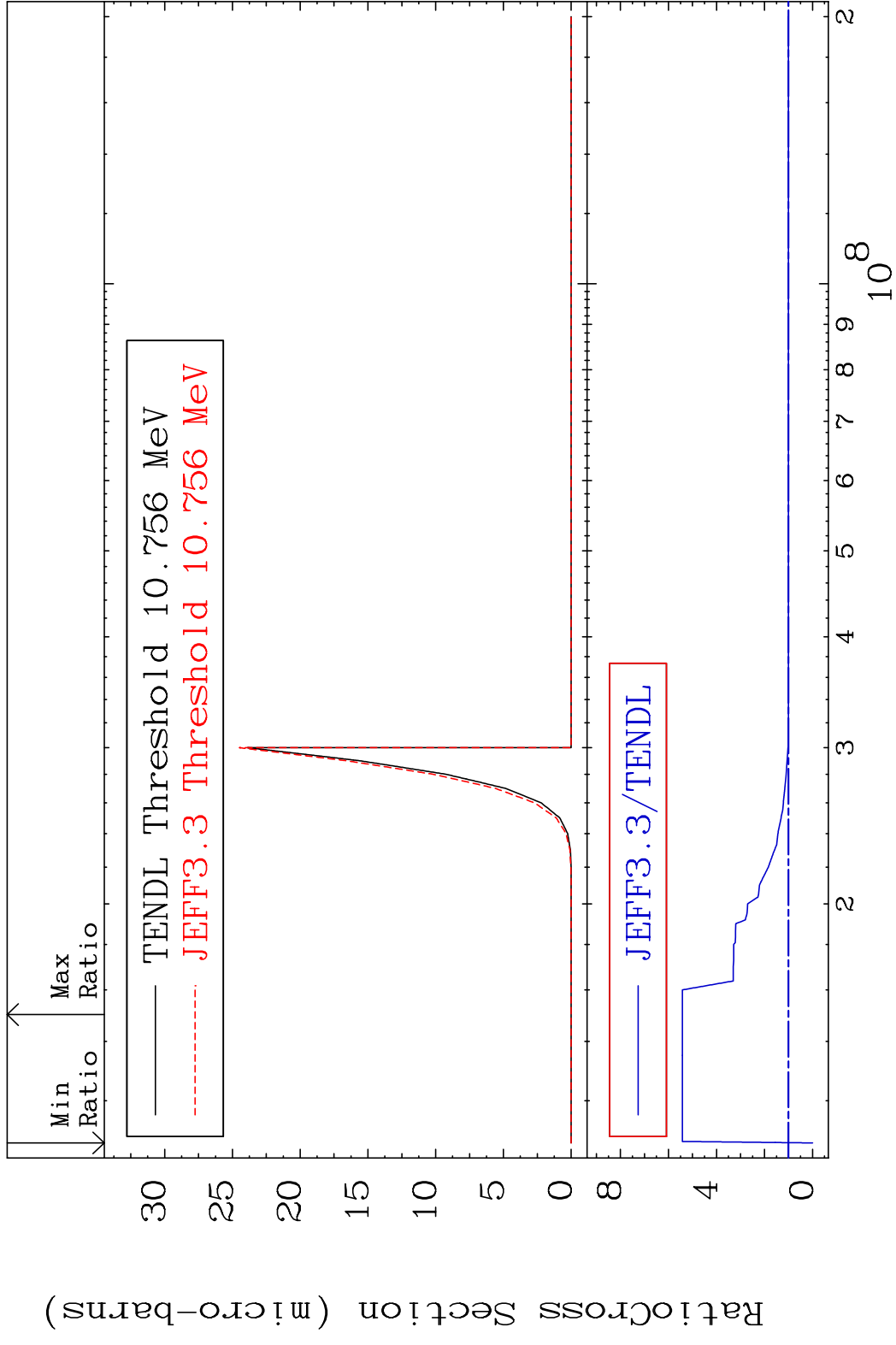


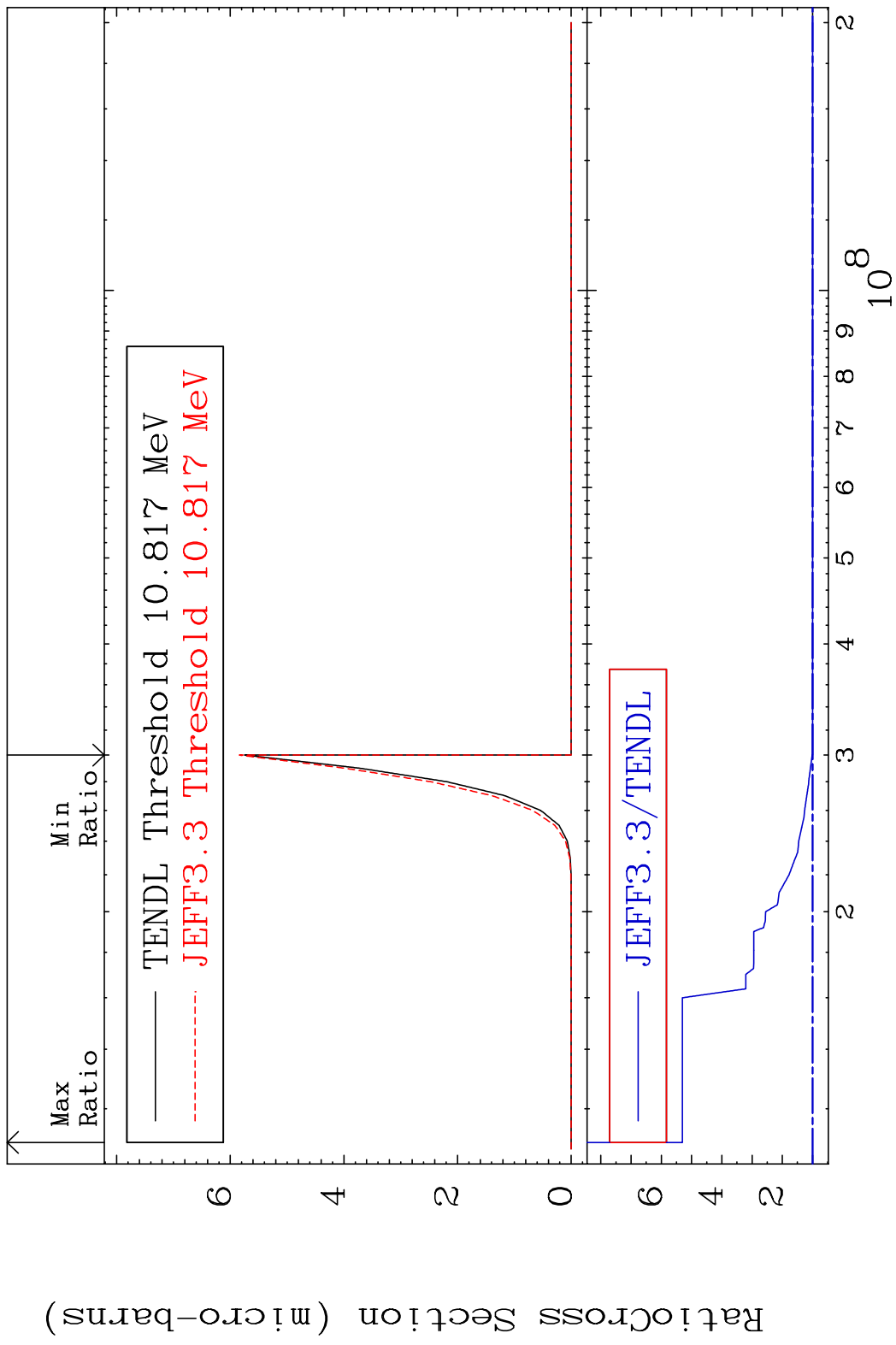


MAT 3437 (n,2p):32-Ge-77m1 34-Se-78
 Radionuclide Production Cross Section 19e021d10 77.88 %



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 98.991 d to 190.5 %

