

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

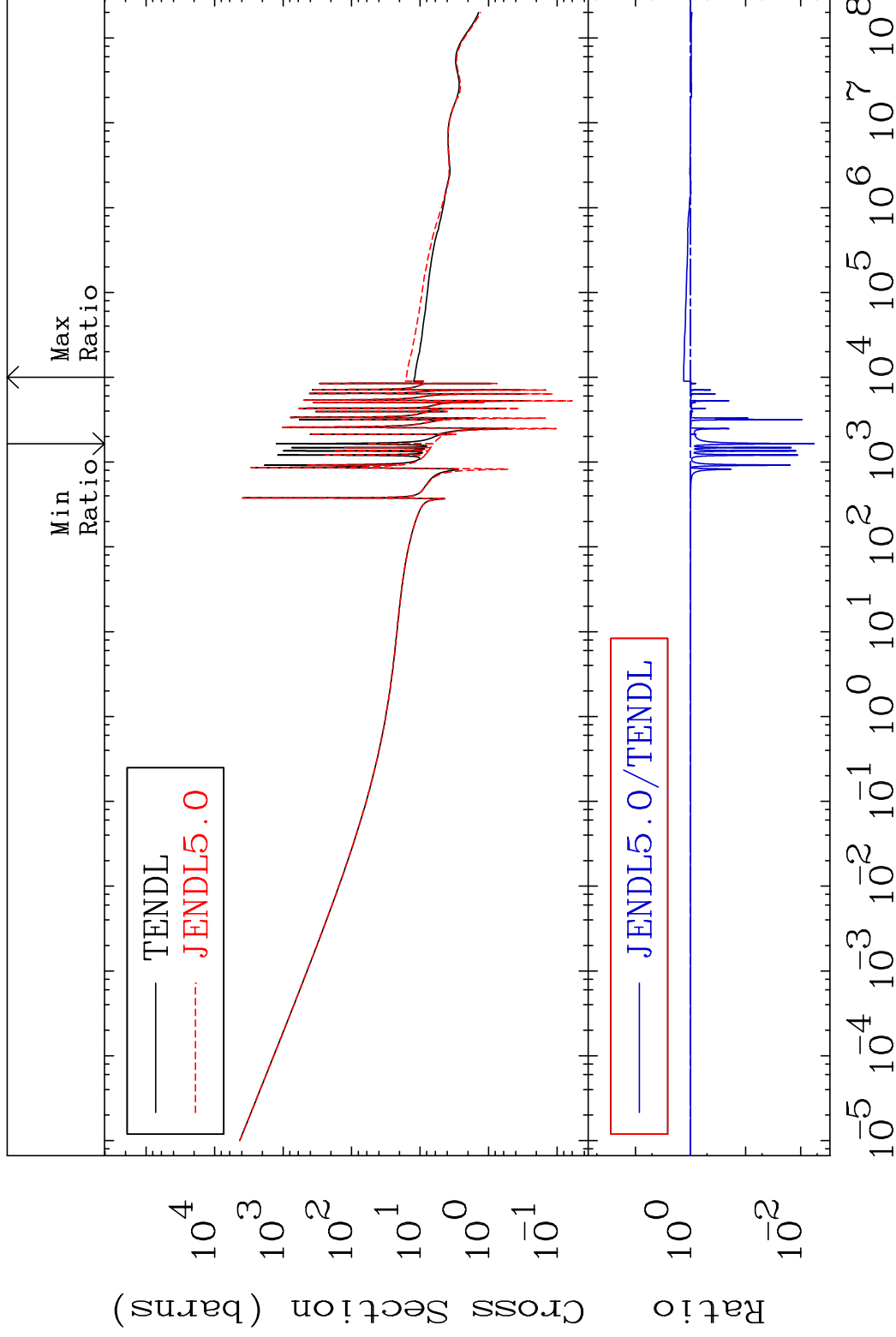
MAT 3431

Total

34-Se-76

Cross Section

-99.43 To 32.85 %



1

Incident Energy (eV)

34-Se-76

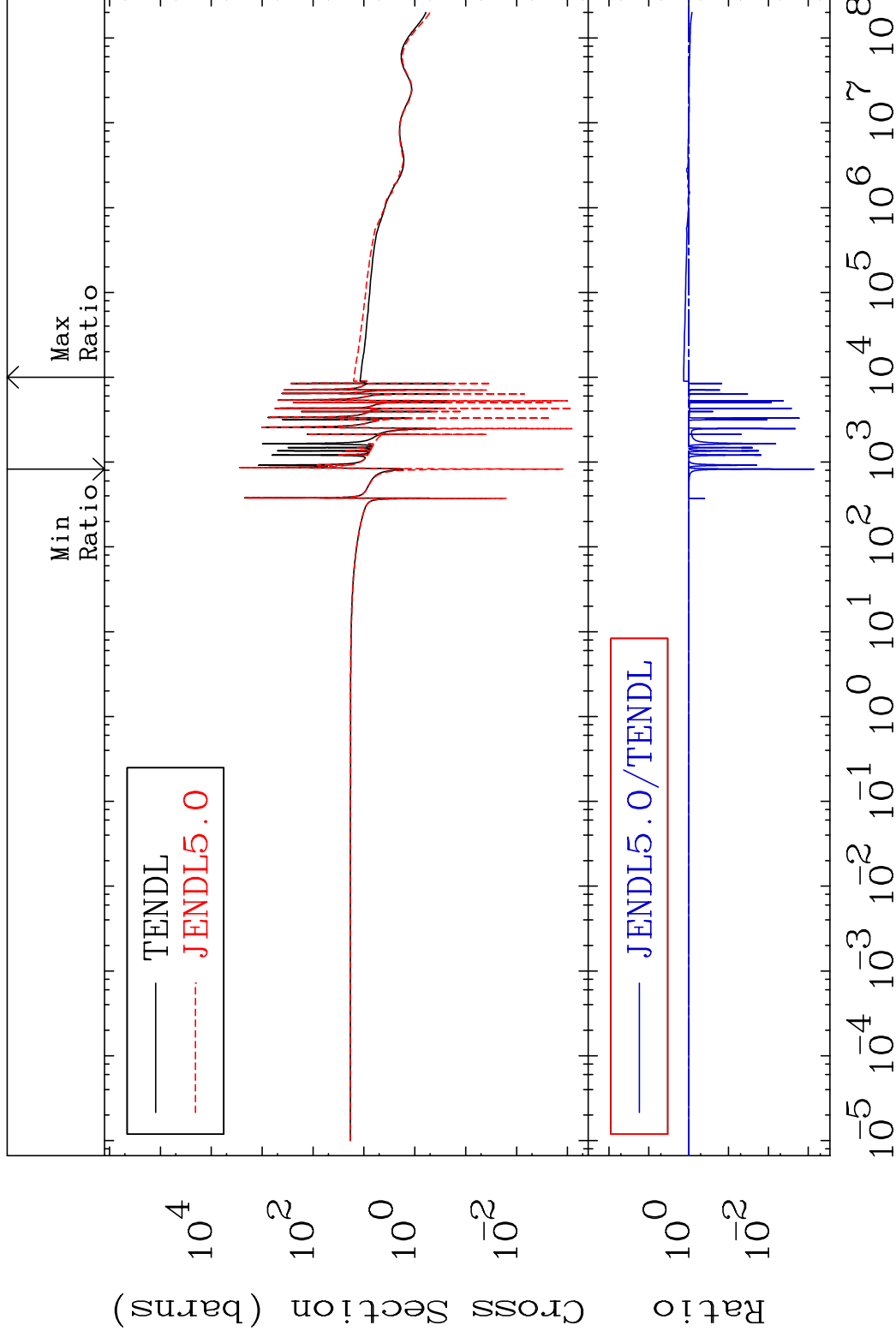
MAT 3431

Elastic

34-Se-76

Cross Section

-99.93 To 33.79 %

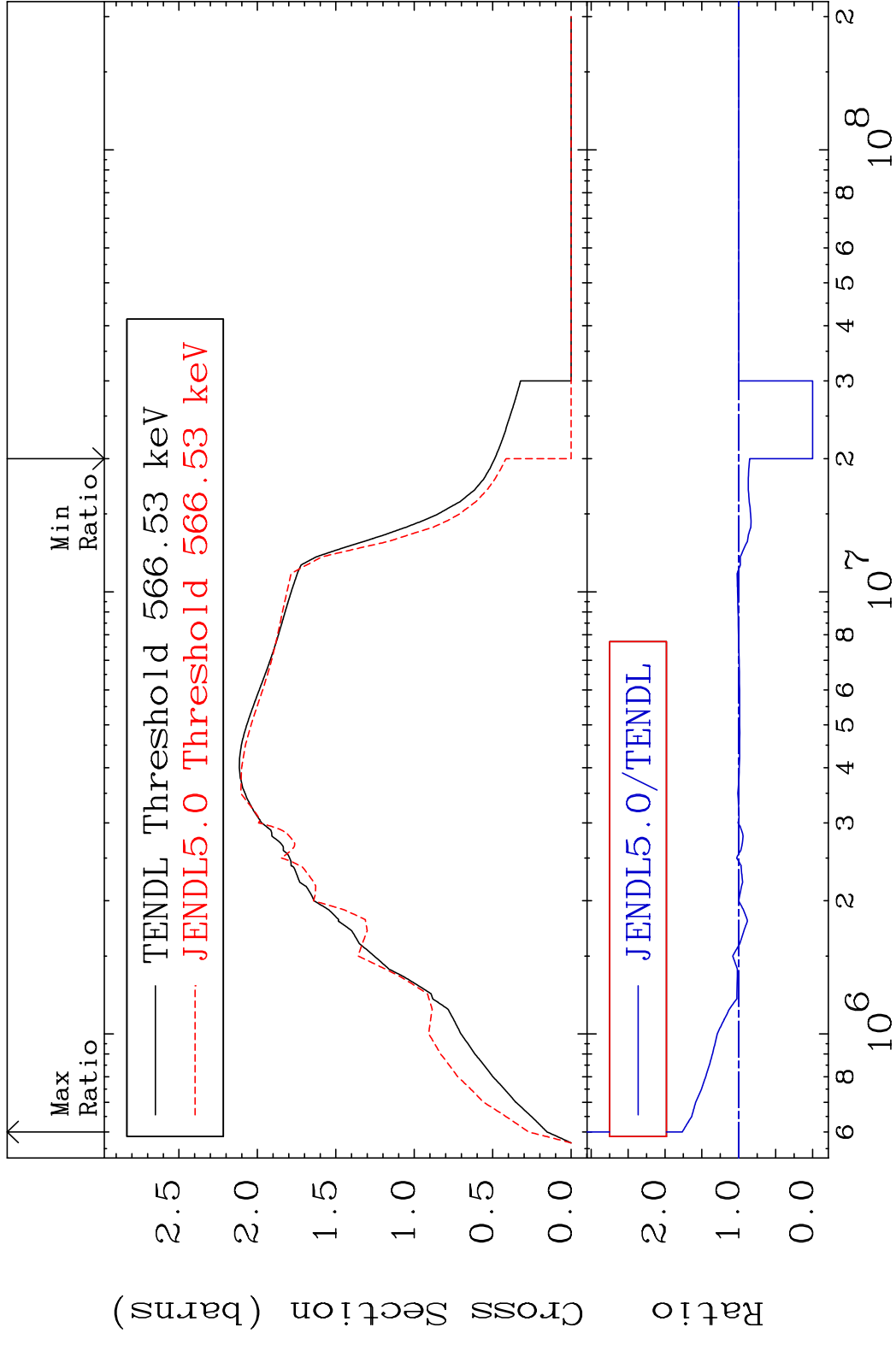


2

Incident Energy (eV)

34-Se-76

MAT 3431 Inelastic Cross Section -100.0 To 76.43 % 34-Se-76



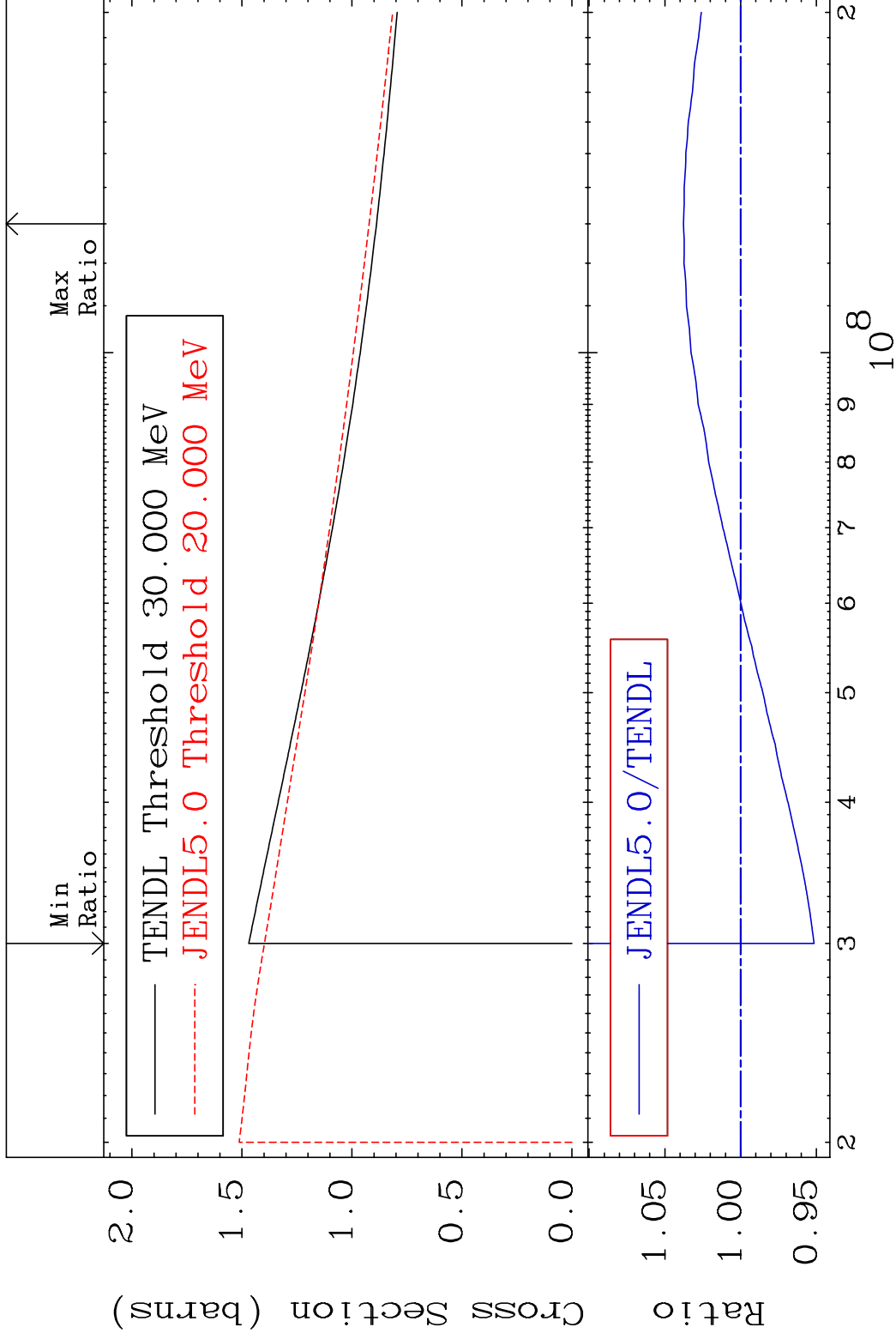
3 Incident Energy (eV) 34-Se-76

MAT 3431

(n, remainder)

34-Se-76

Cross Section -4.846 To 3.773 %



4

Incident Energy (eV)

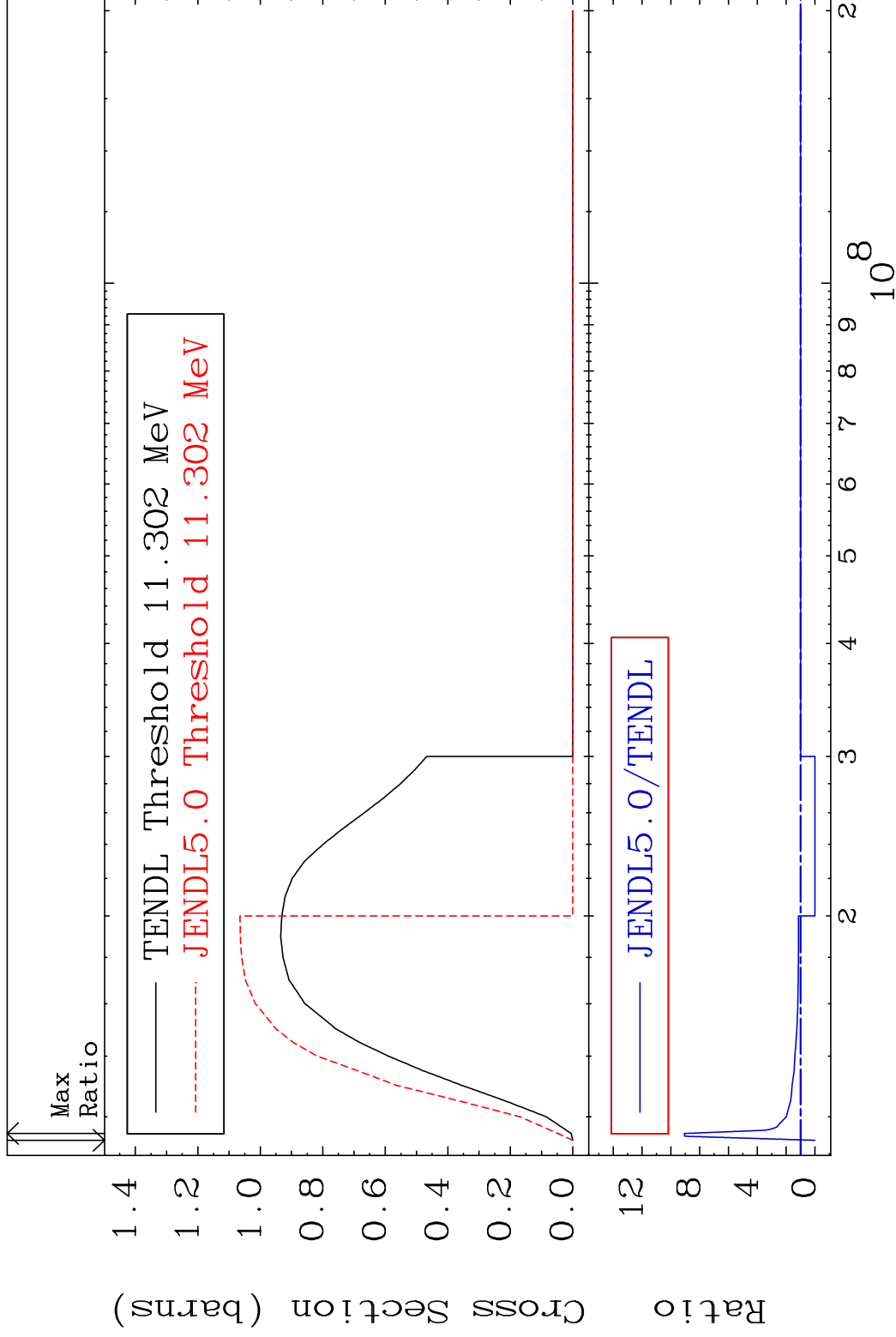
34-Se-76

MAT 3431

(n,2n)

³⁴Se-76

Cross Section -100.0 To 806.7 %



5

Incident Energy (eV)

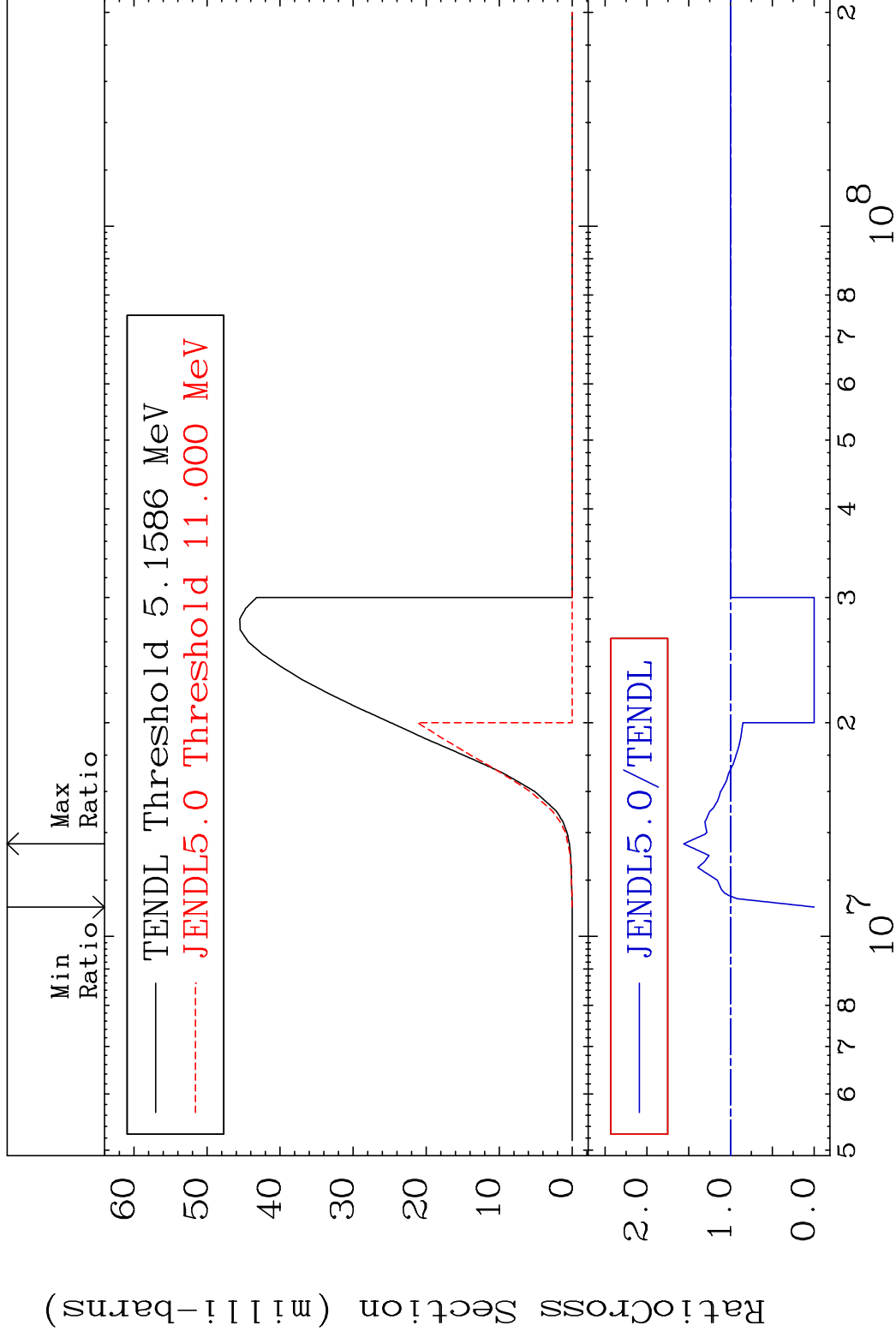
³⁴Se-76

MAT 3431

(n, n') α

³⁴Se-76

Cross Section -100.0 To 56.08 %



7

Incident Energy (eV)

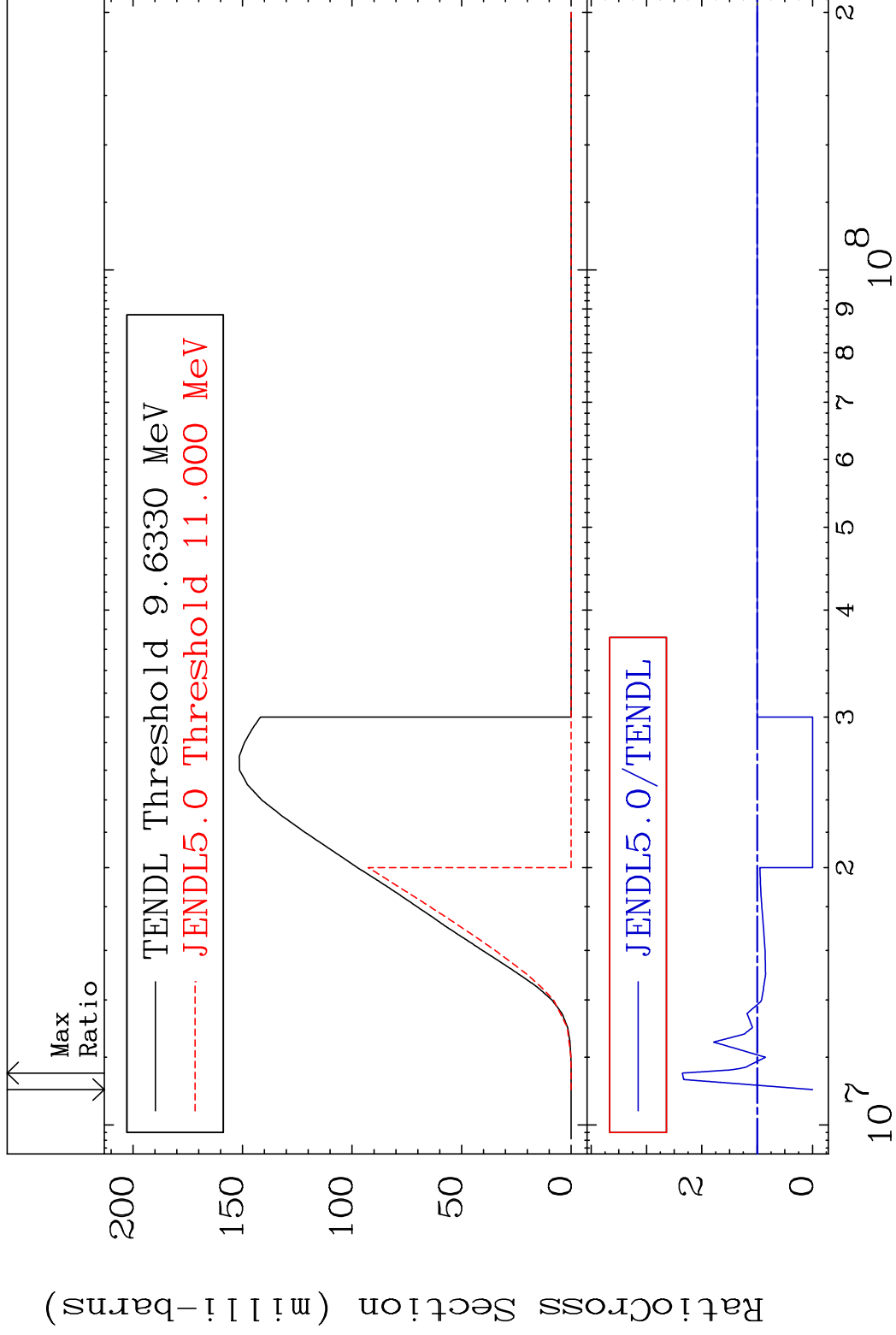
³⁴Se-76

MAT 3431

(n, n') p

³⁴Se-76

Cross Section -100.0 To 135.3 %



8

Incident Energy (eV)

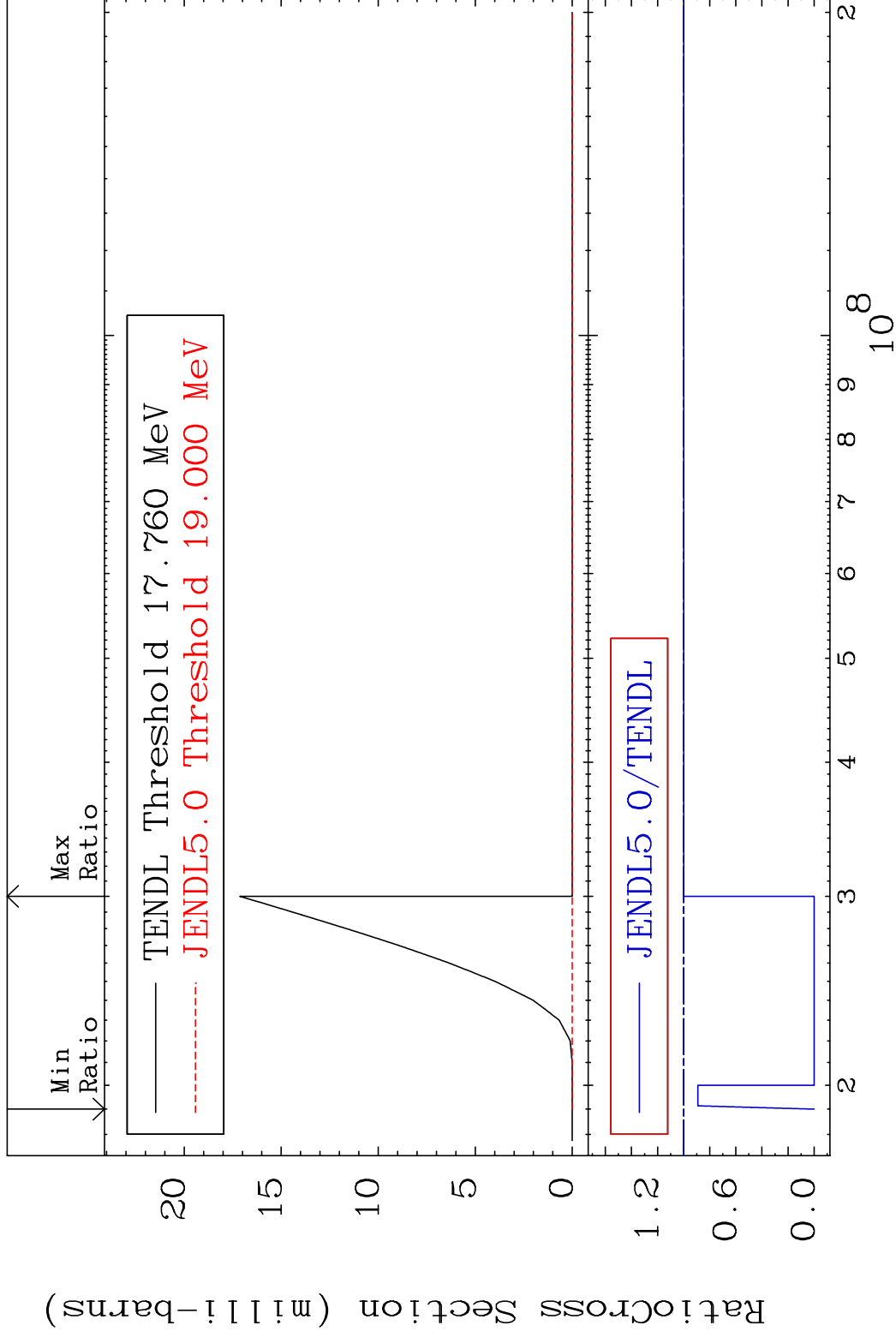
³⁴Se-76

MAT 3431

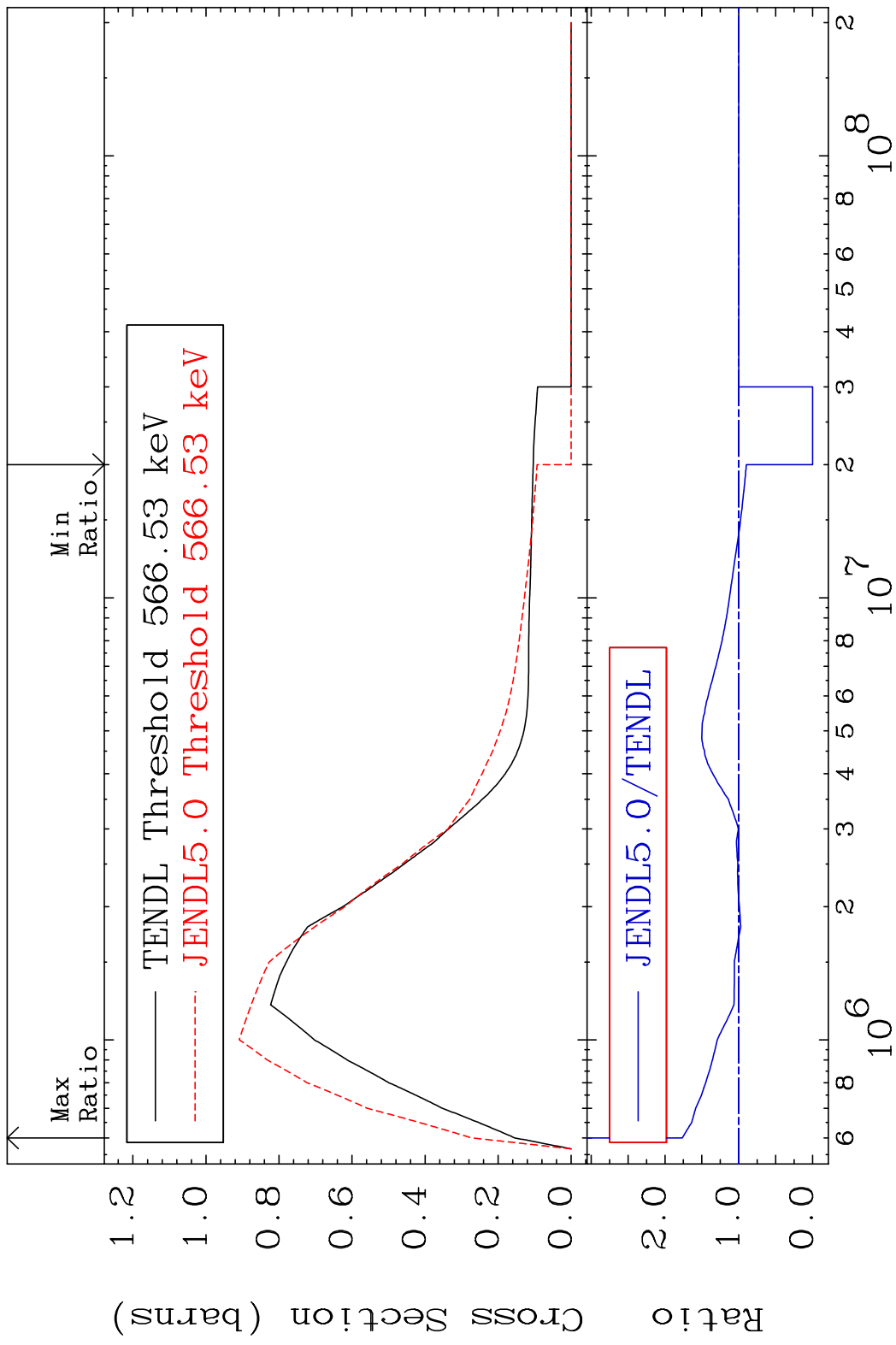
(n, n') d

34-Se-76

Cross Section -100.0 To 0.000 %

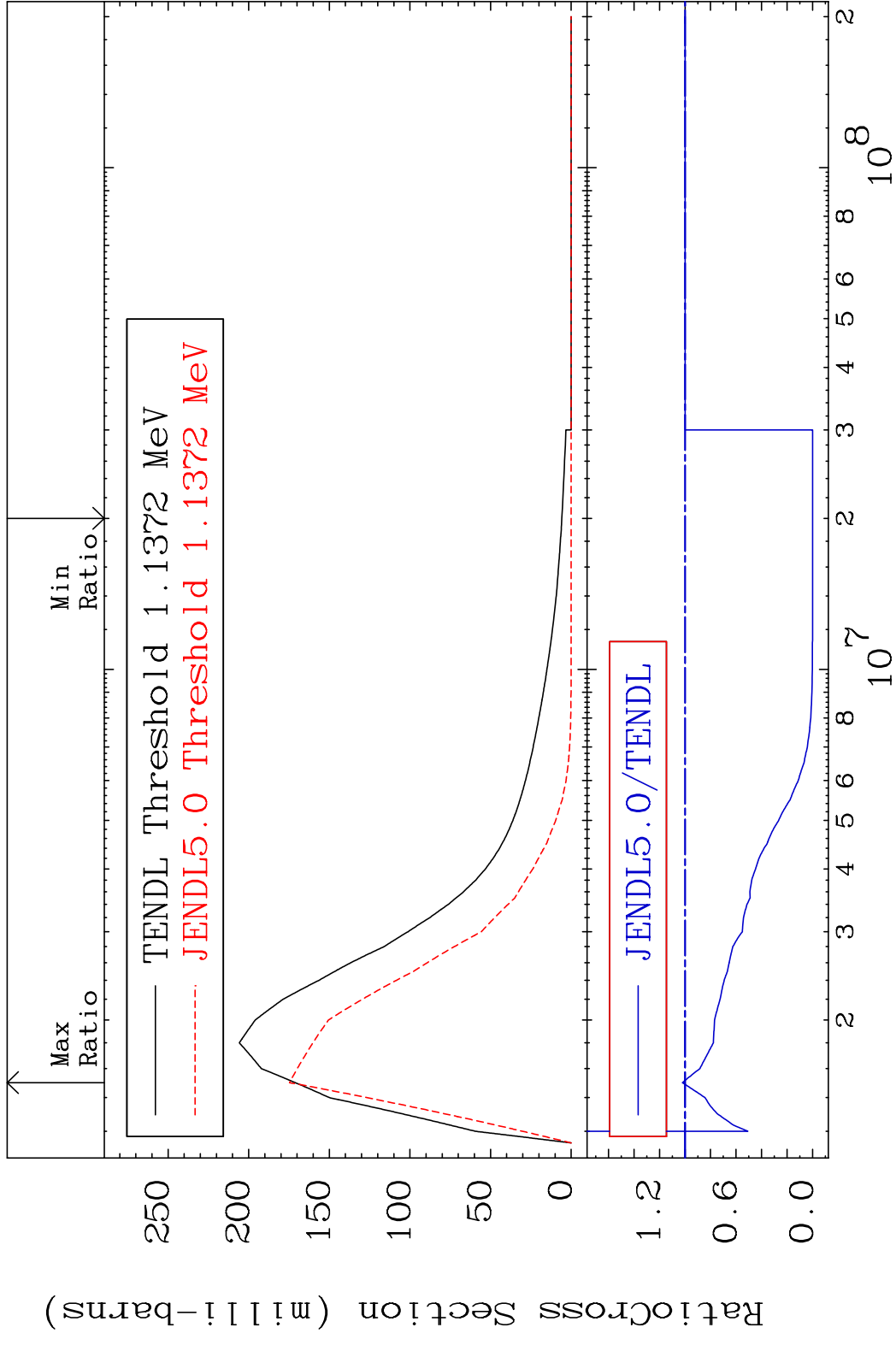


MAT 3431 MT= 51 (n, n') Level 34-Se-76
 Cross Section -100.0 To 76.43 %

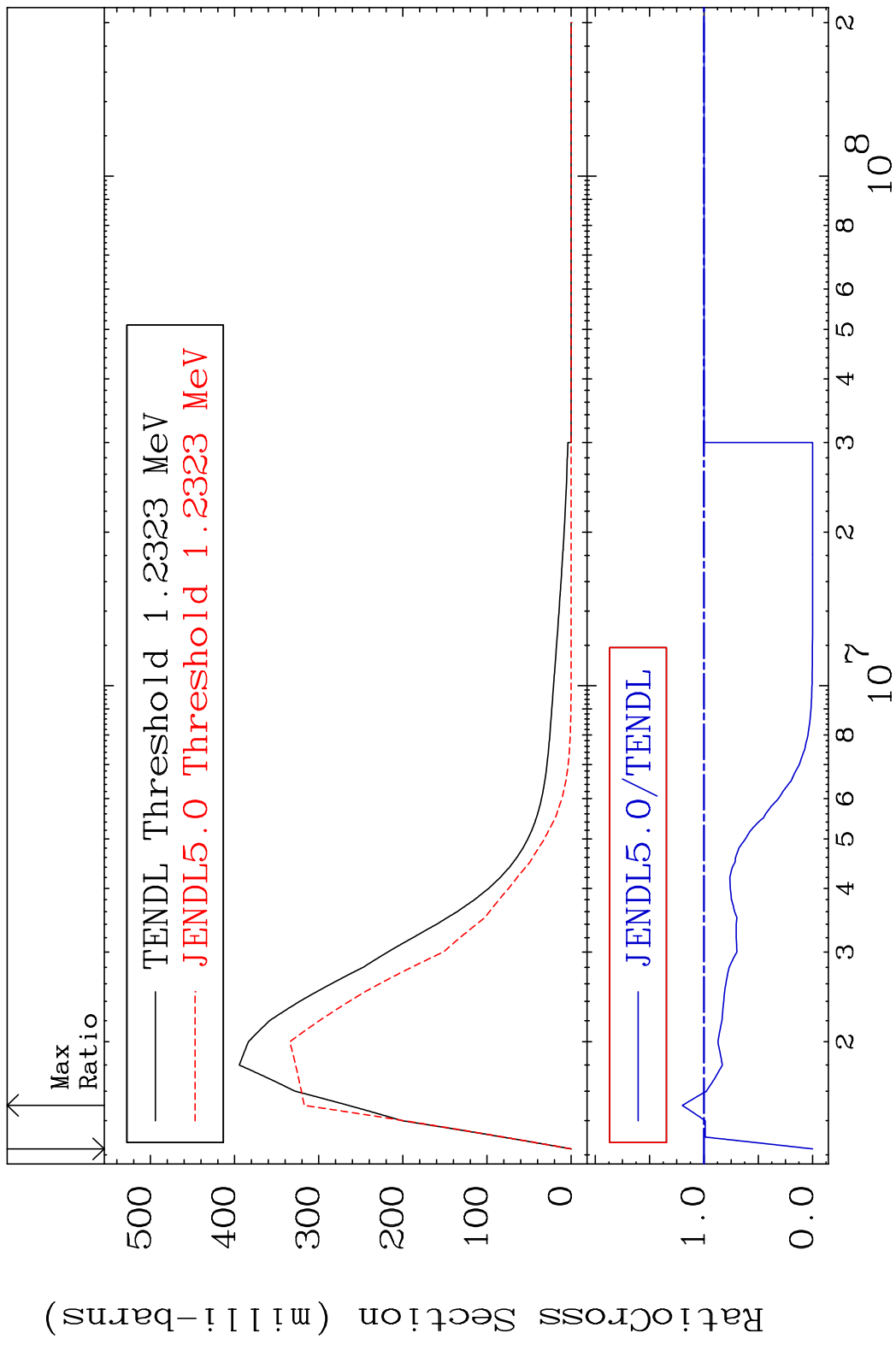


10 Incident Energy (eV) 34-Se-76

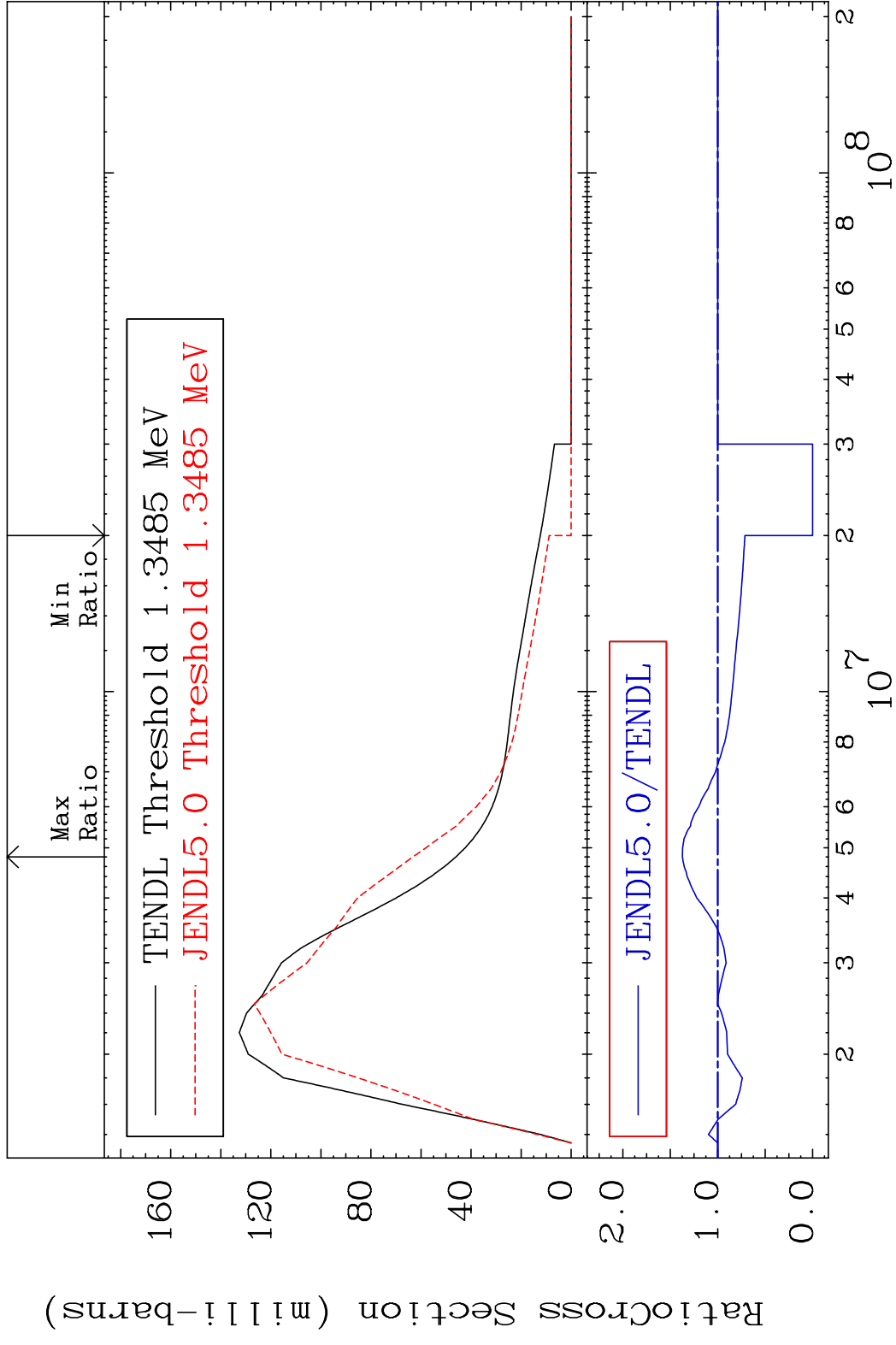
MAT 3431 MT= 52 (n, n') Level 34-Se-76
 Cross Section -100.0 To 2.105 %



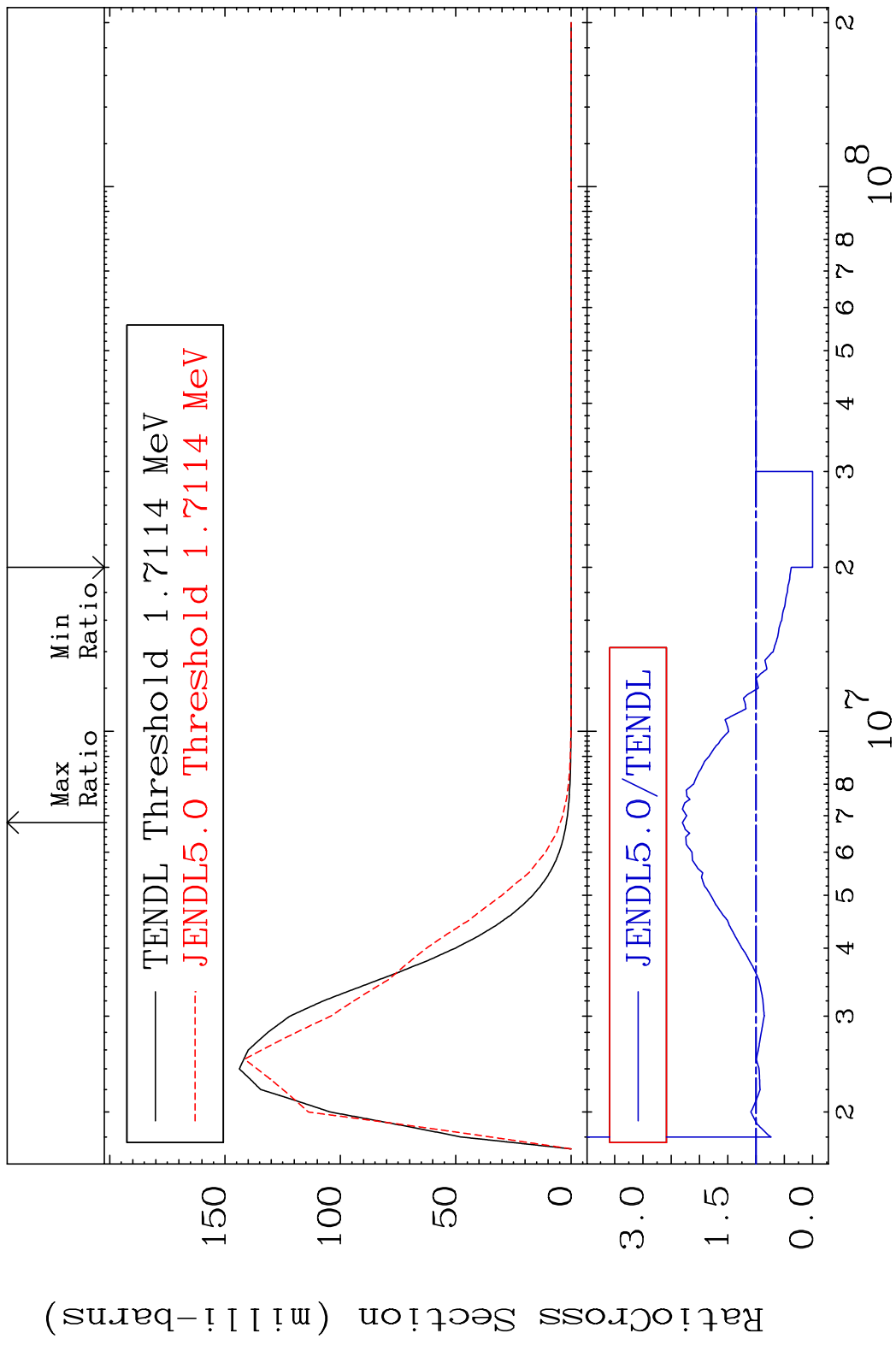
MAT 3431 MT= 53 (n, n') Level 34-Se-76
 Cross Section -100.0 To 19.88 %



MAT 3431 MT= 54 (n, n') Level 34-Se-76
 Cross Section -100.0 To 37.30 %

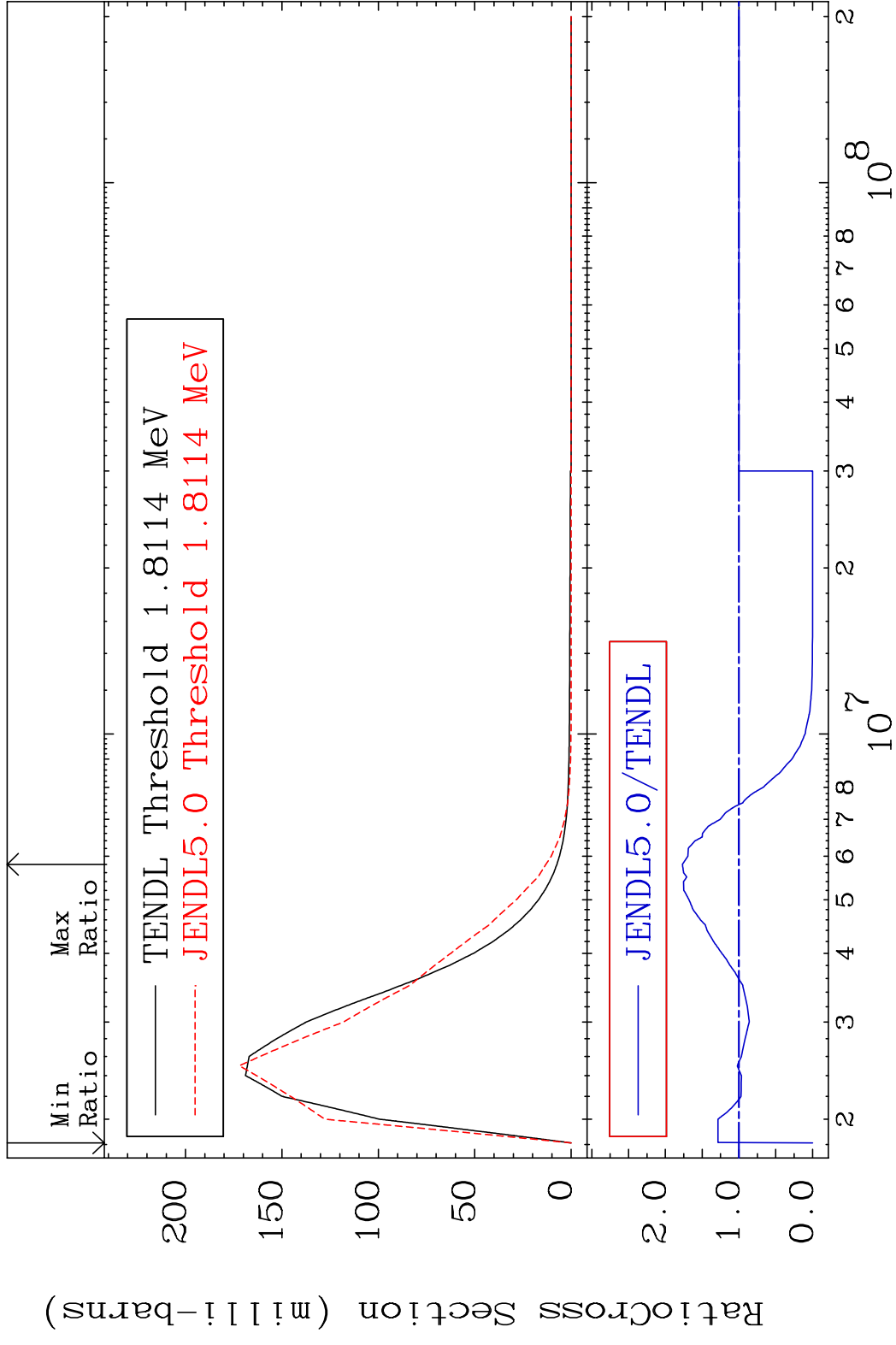


MAT 3431 MT= 55 (n, n') Level 34-Se-76
 Cross Section -100.0 To 130.3 %

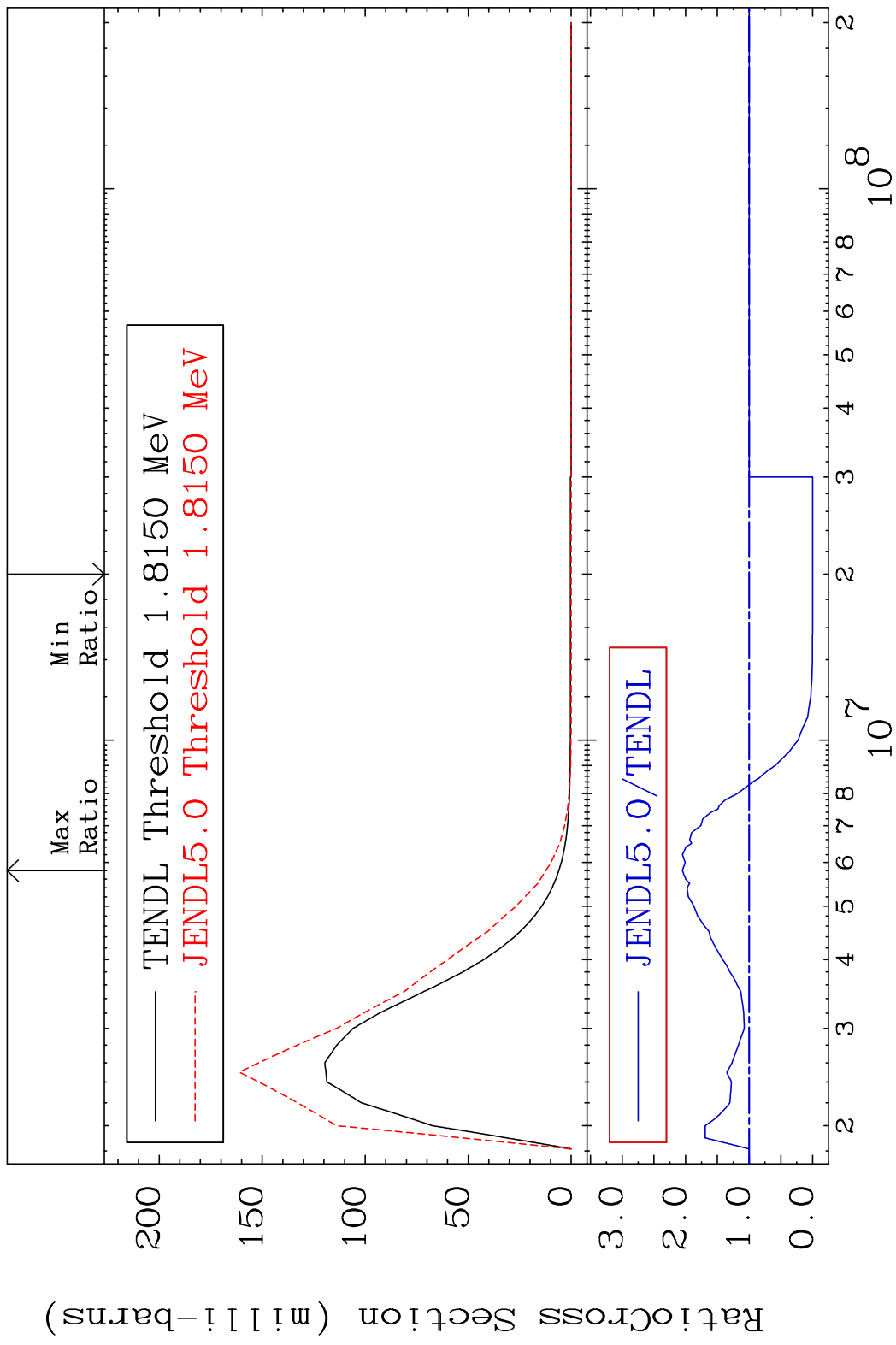


14 14 Incident Energy (eV) 34-Se-76

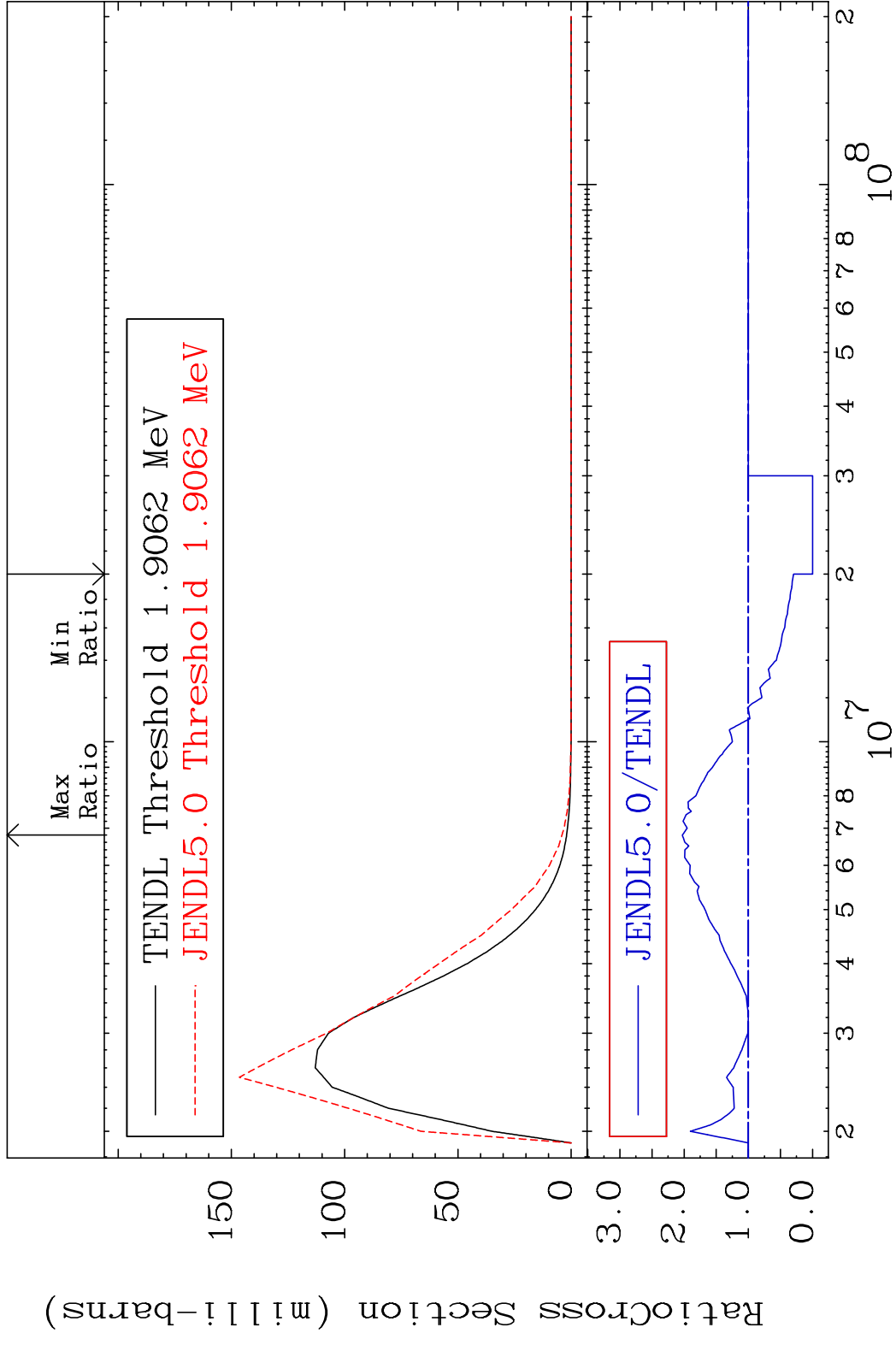
MAT 3431 MT= 56 (n,n') Level 34-Se-76
 Cross Section -100.0 To 76.91 %



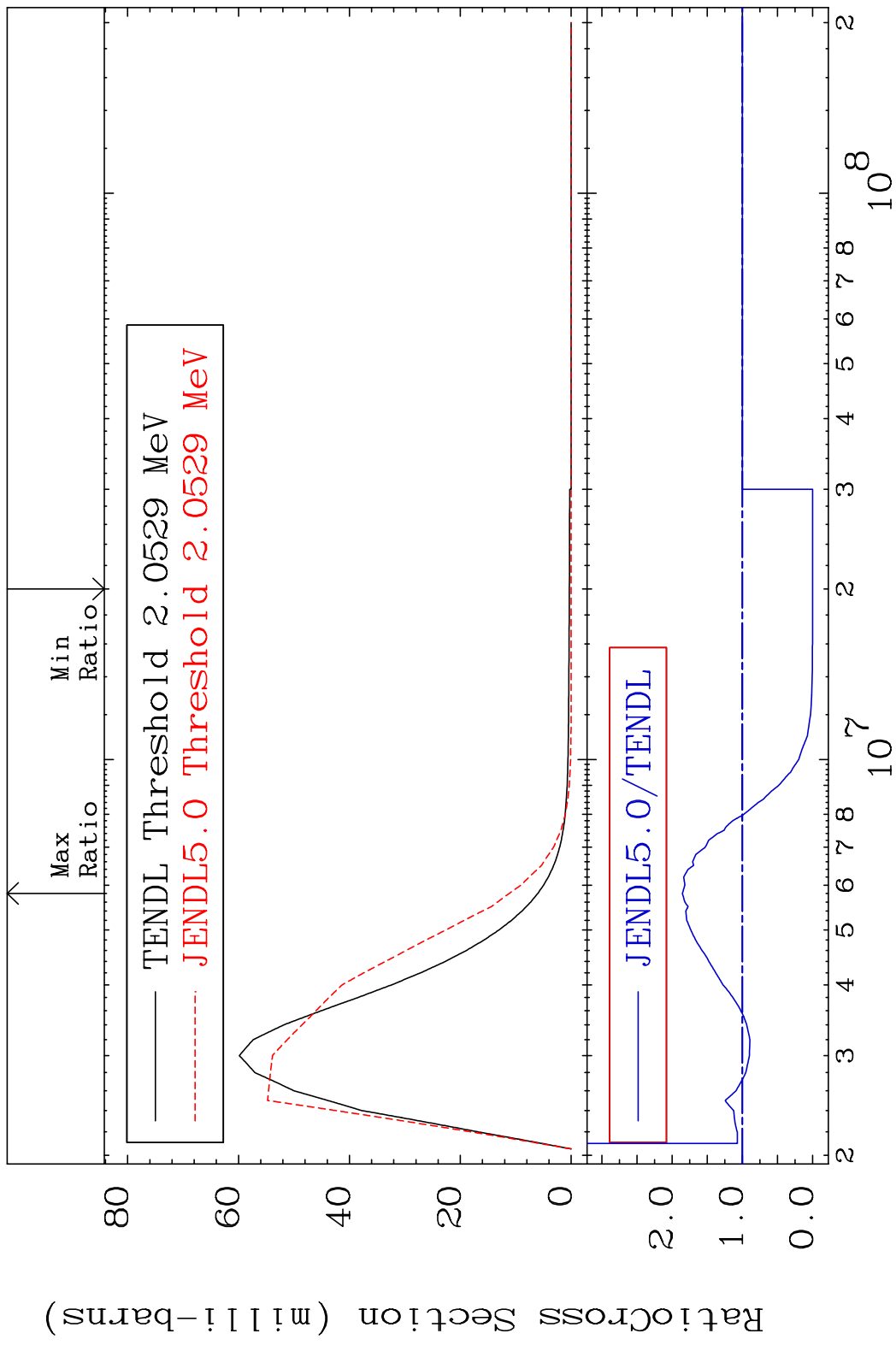
MAT 3431 MT= 57 (n, n') Level 34-Se-76
 Cross Section -100.0 To 105.2 %



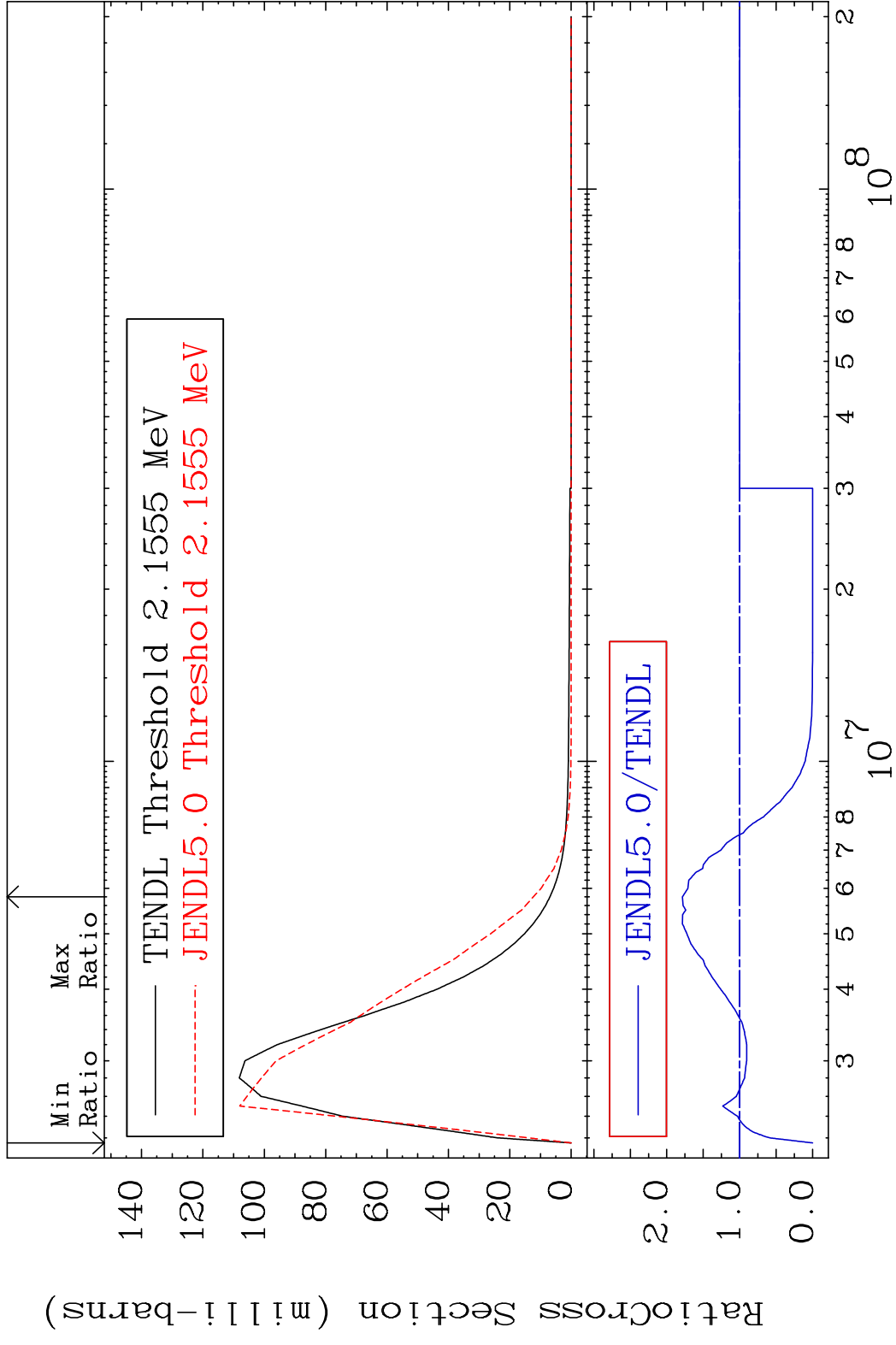
MAT 3431 MT= 58 (n, n') Level 34-Se-76
 Cross Section -100.0 To 102.7 %



MAT 3431 MT= 59 (n, n') Level 34-Se-76
 Cross Section -100.0 To 85.48 %



MAT 3431 MT= 60 (n,n') Level 34-Se-76
 Cross Section -100.0 To 78.61 %

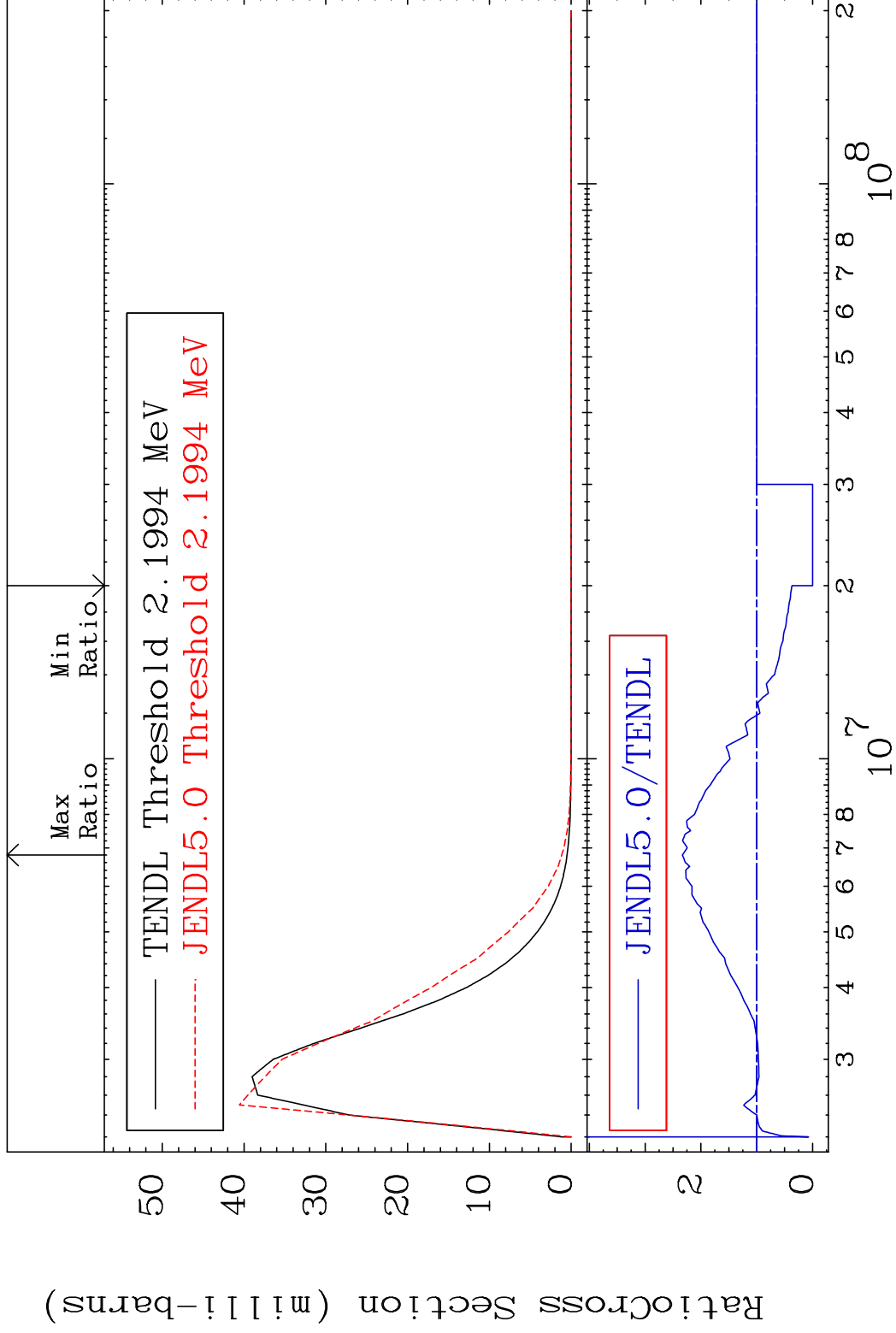


MAT 3431

MT= 61 (n, n') Level

34-Se-76

Cross Section -100.0 To 133.3 %

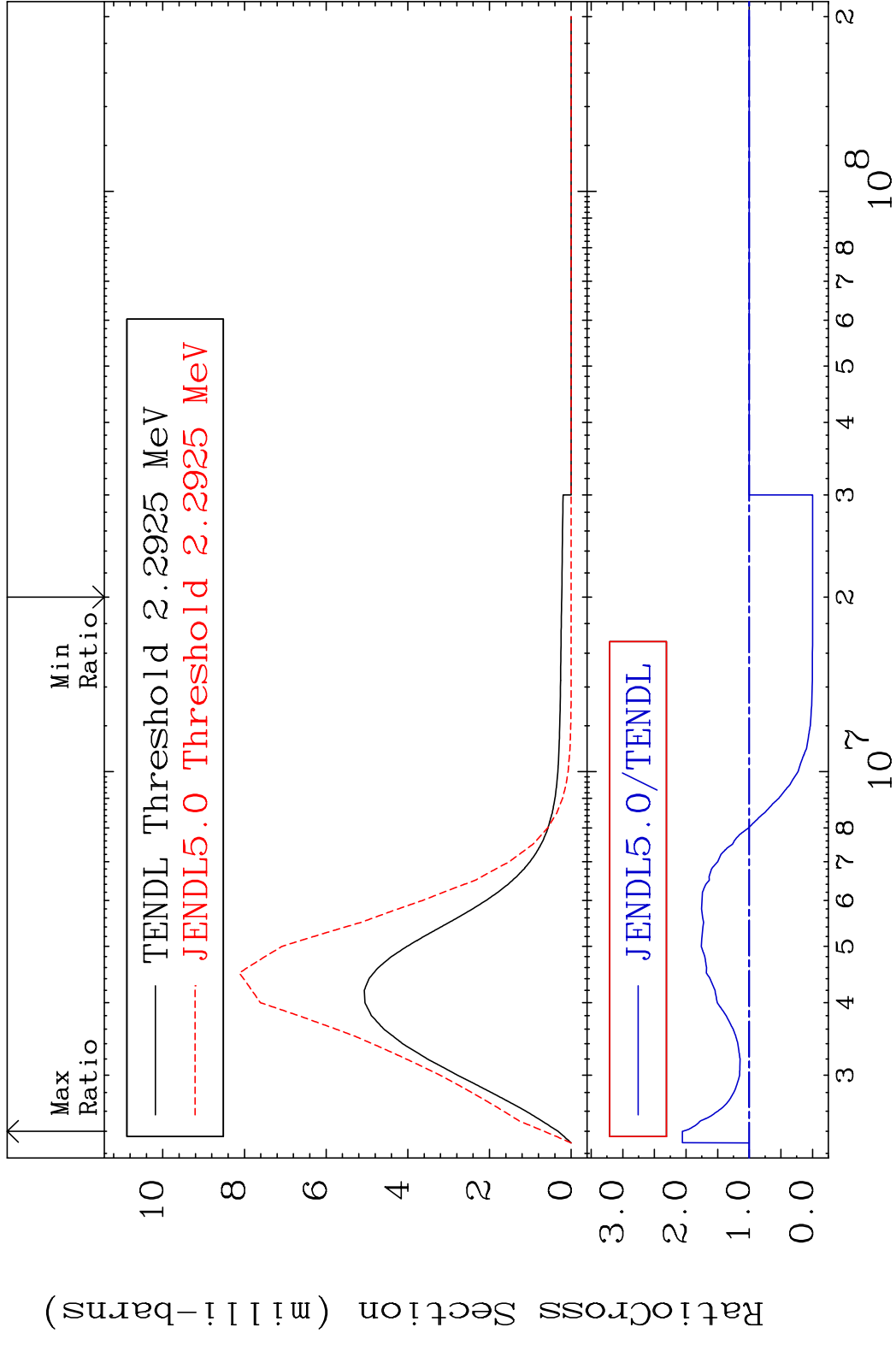


20

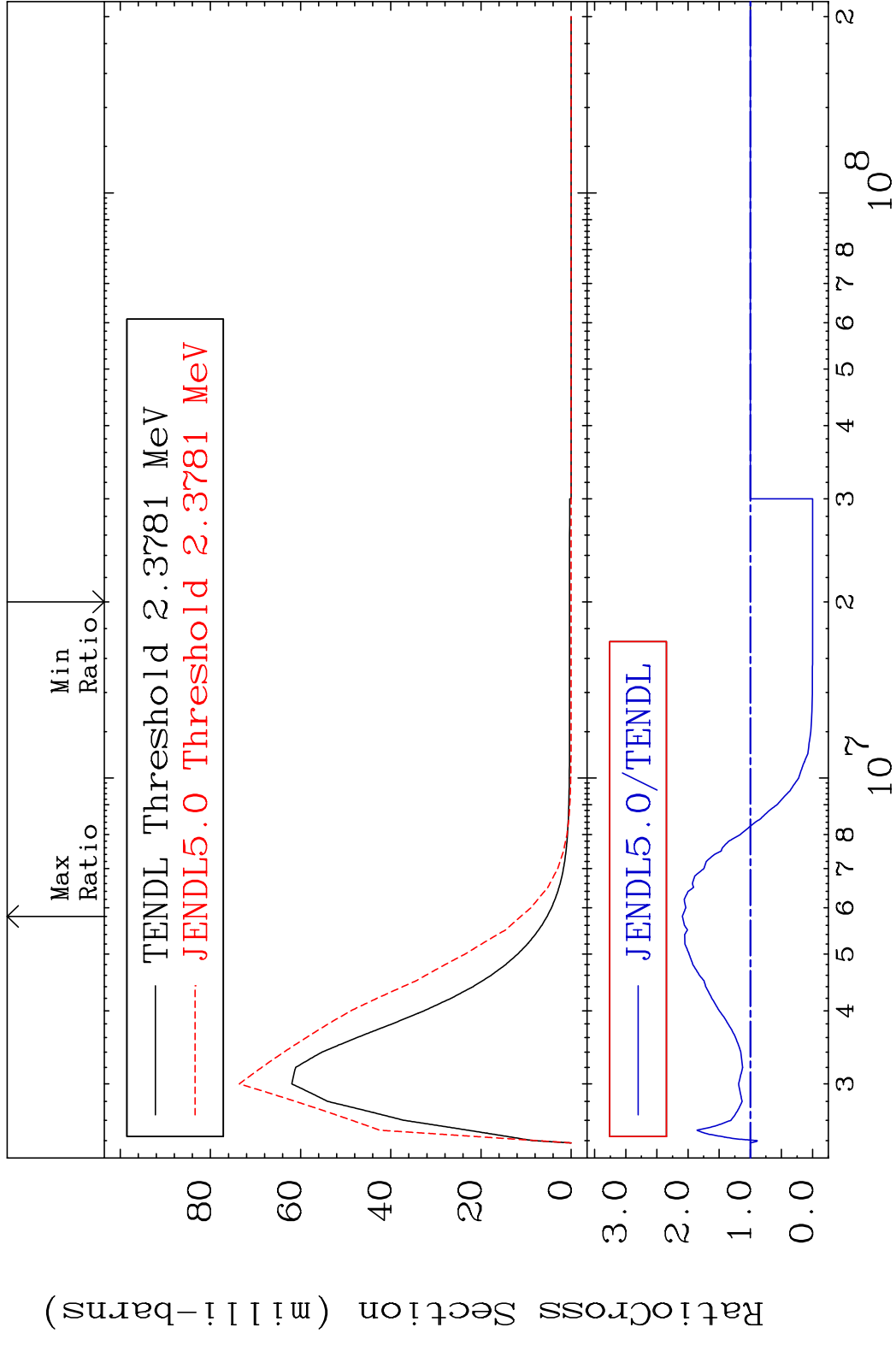
Incident Energy (eV)

34-Se-76

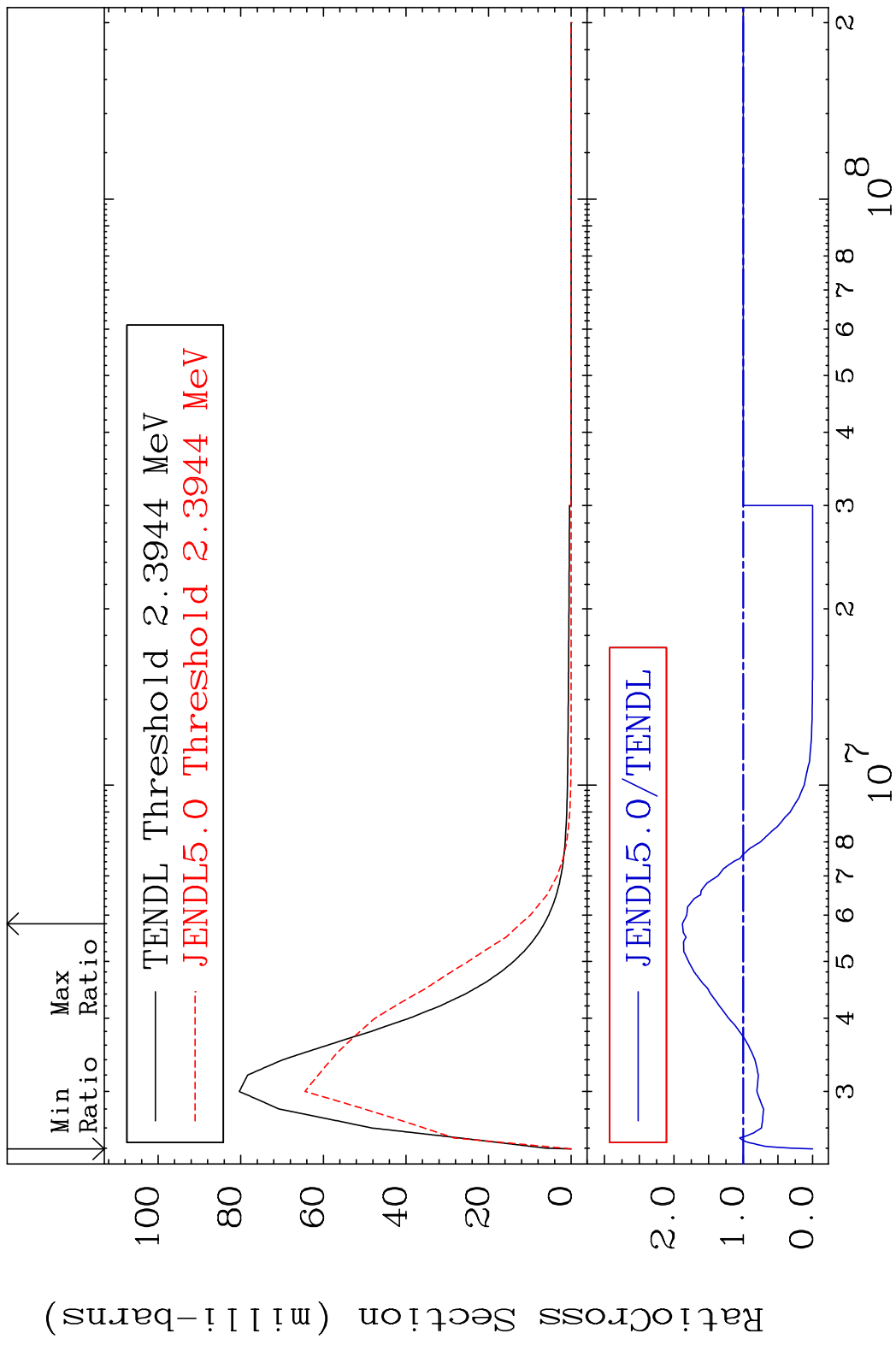
MAT 3431 MT= 62 (n,n') Level 34-Se-76
 Cross Section -100.0 To 105.9 %



MAT 3431 MT= 63 (n, n') Level 34-Se-76
 Cross Section -100.0 To 109.2 %



MAT 3431 MT= 64 (n,n') Level 34-Se-76
 Cross Section -100.0 To 87.75 %

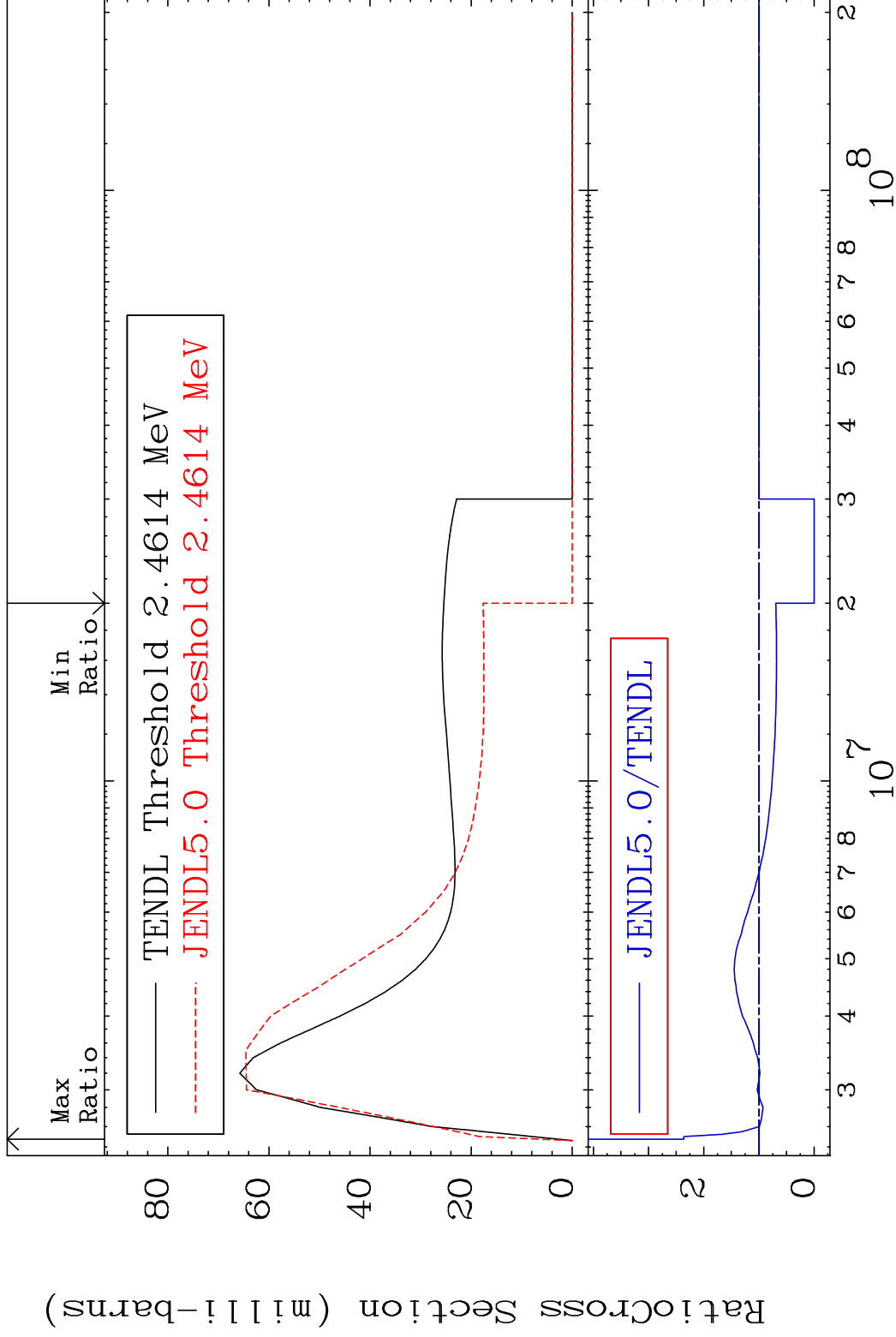


MAT 3431

MT= 65 (n, n') Level

34-Se-76

Cross Section -100.0 To 136.4 %



24

Incident Energy (eV)

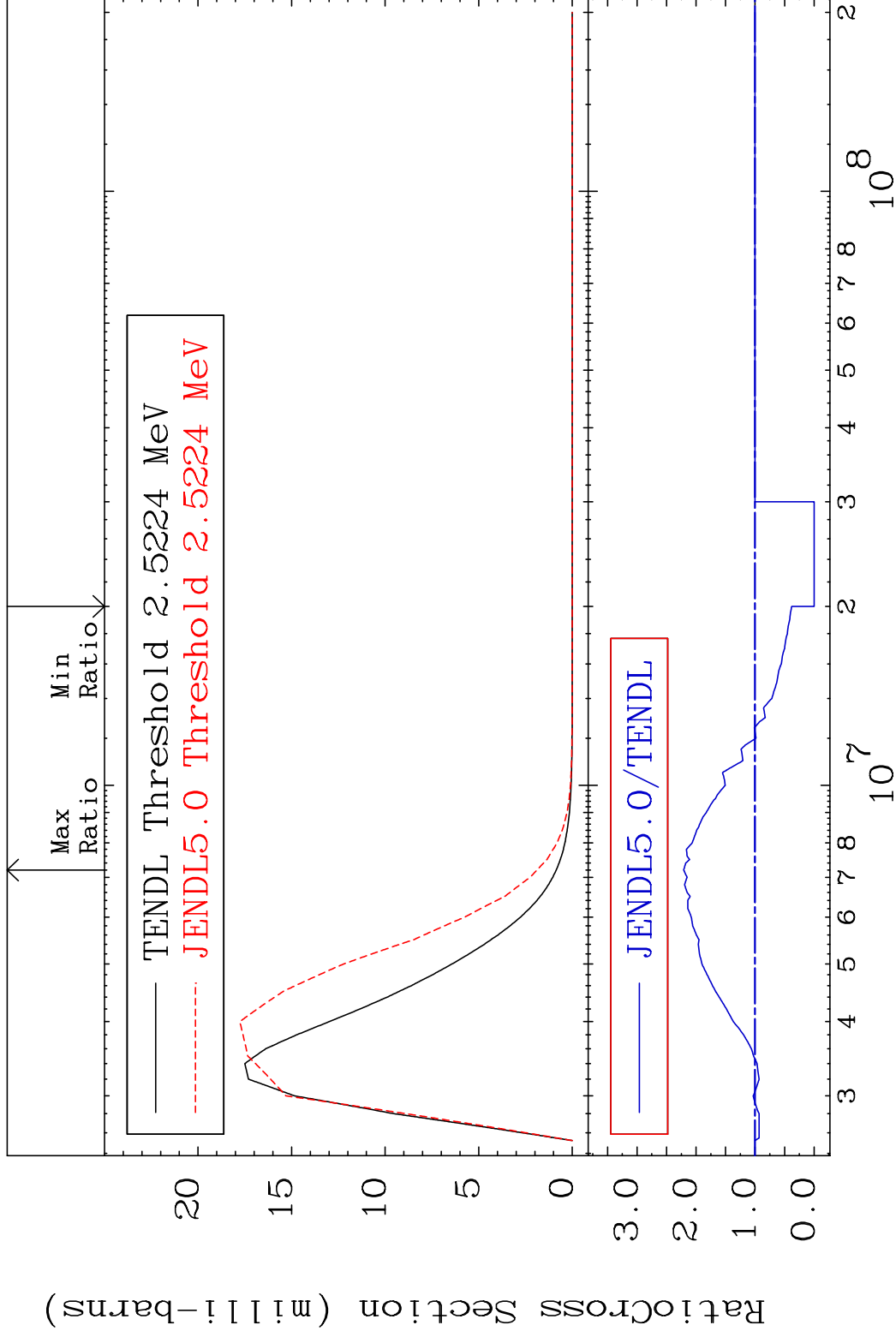
34-Se-76

MAT 3431

MT= 66 (n, n') Level

34-Se-76

Cross Section -100.0 To 121.0 %

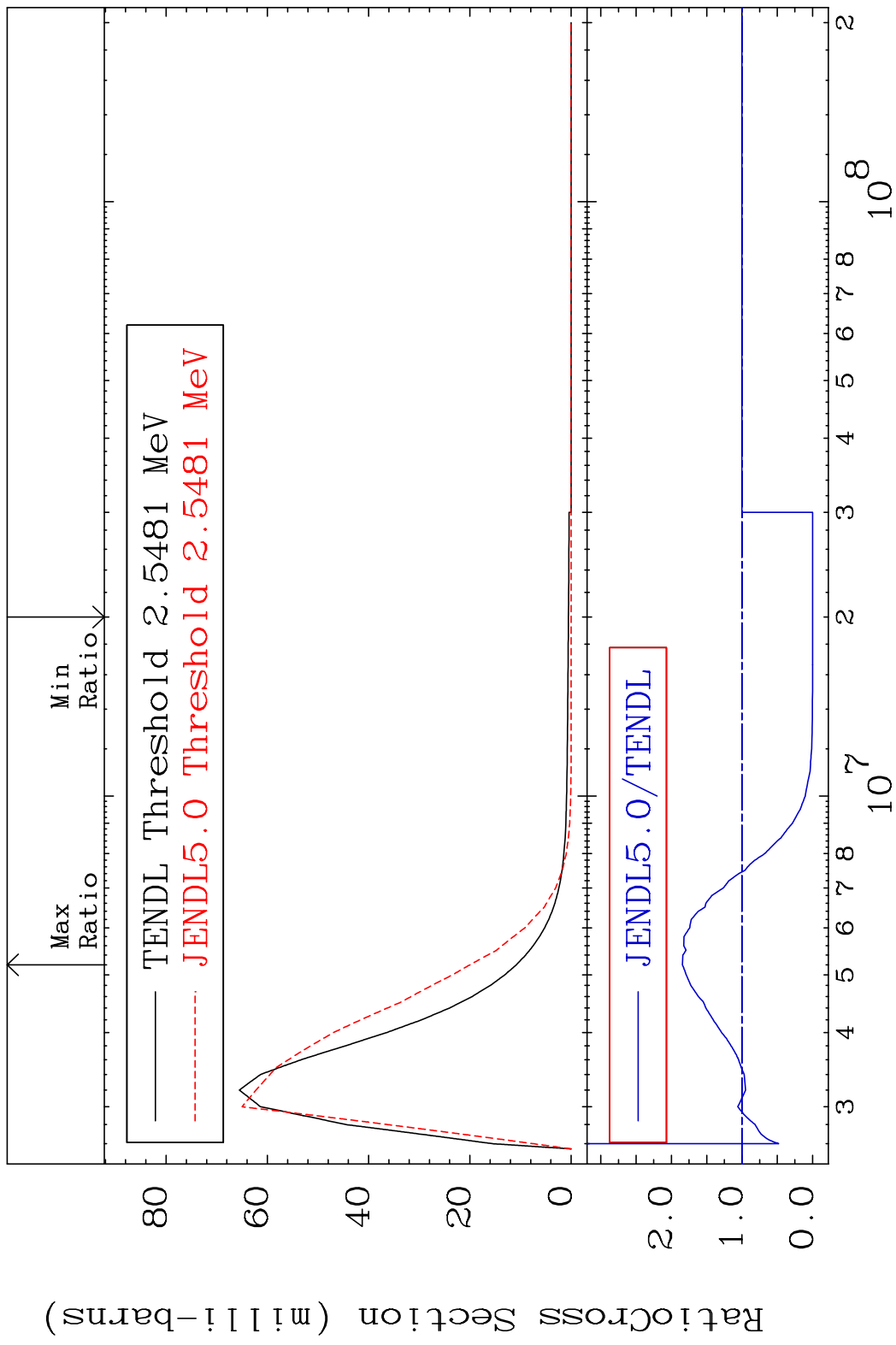


25

Incident Energy (eV)

34-Se-76

MAT 3431 MT= 67 (n,n') Level 34-Se-76
 Cross Section -100.0 To 84.46 %

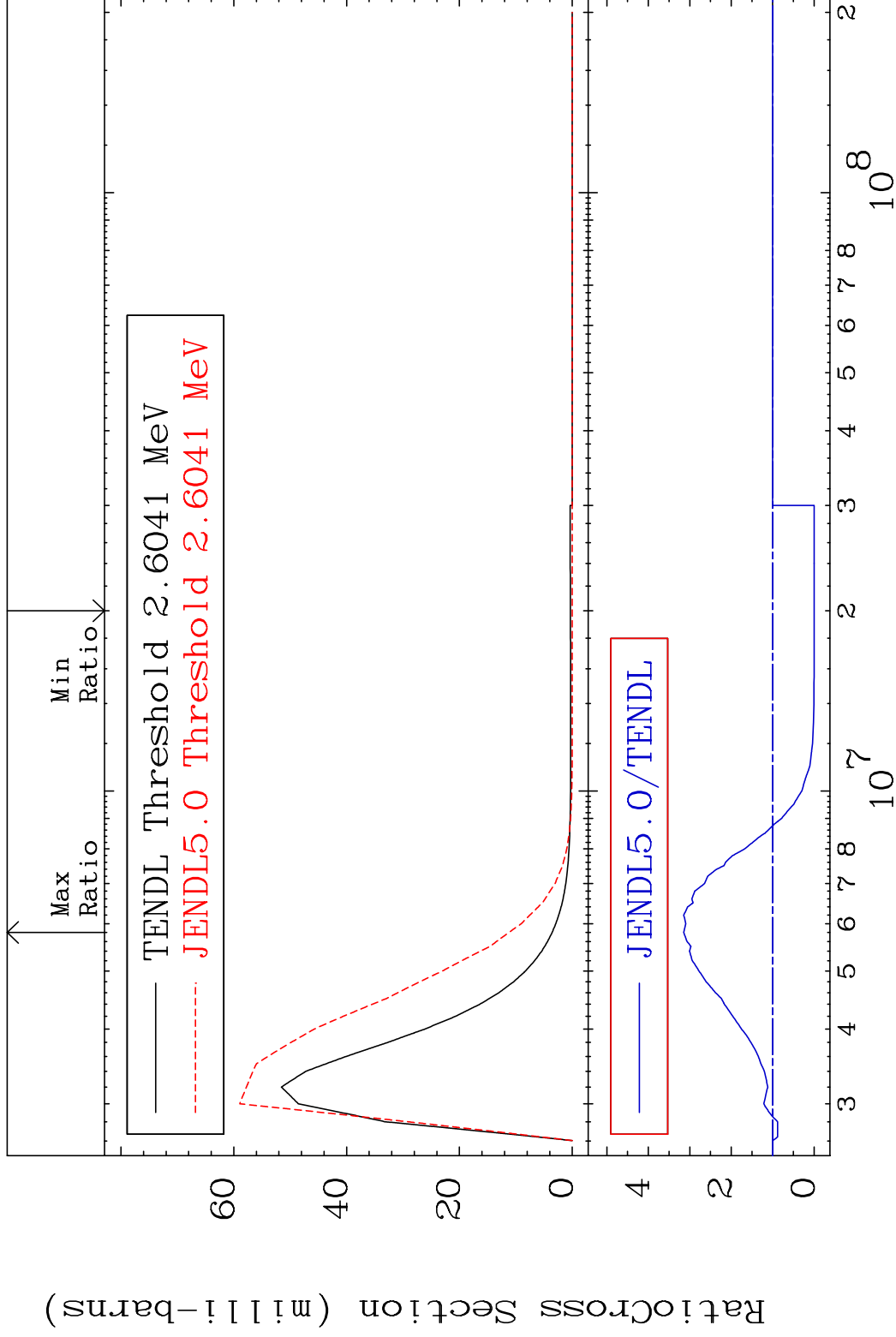


MAT 3431

MT= 68 (n, n') Level

34-Se-76

Cross Section -100.0 To 214.7 %

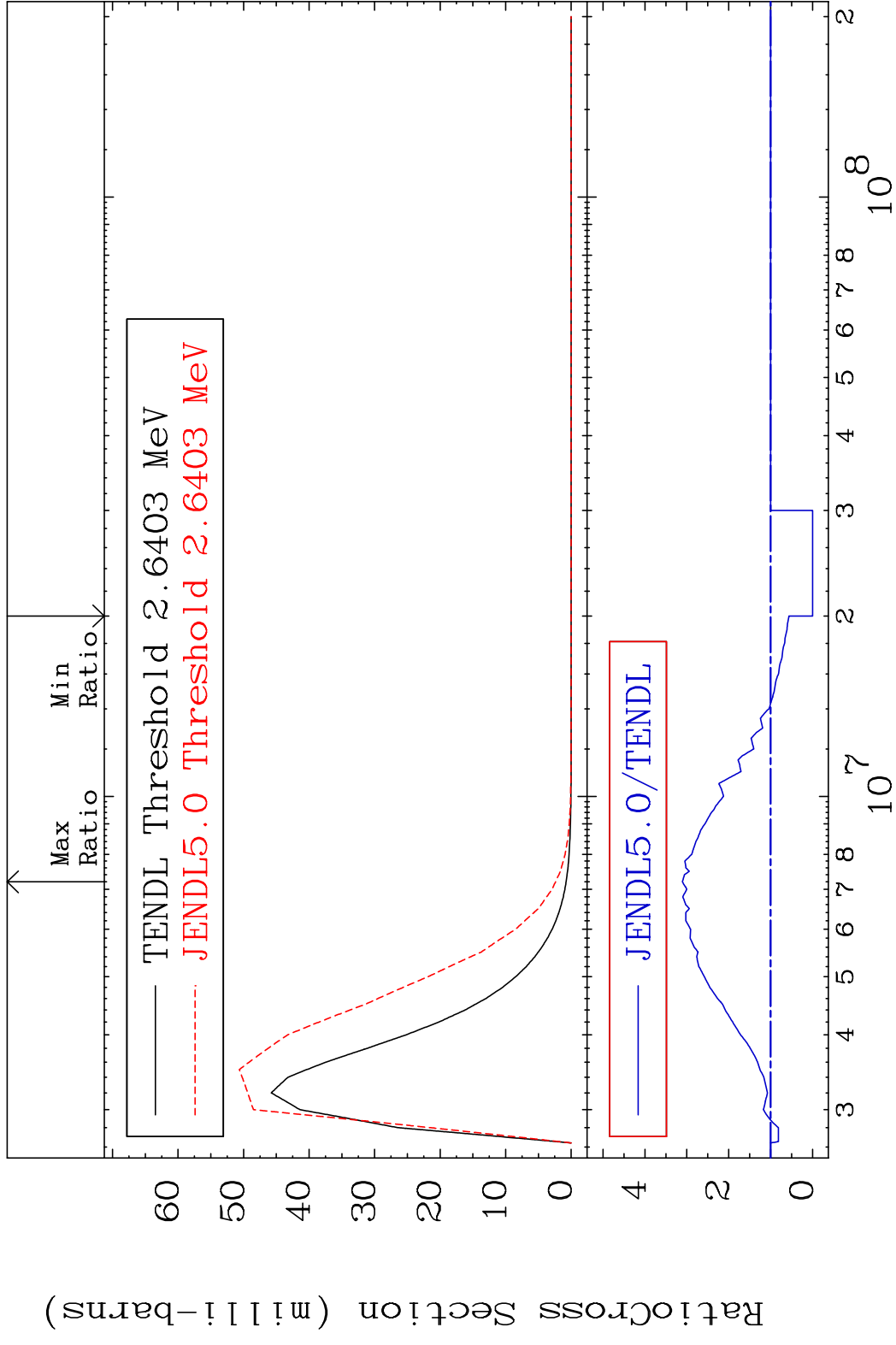


27

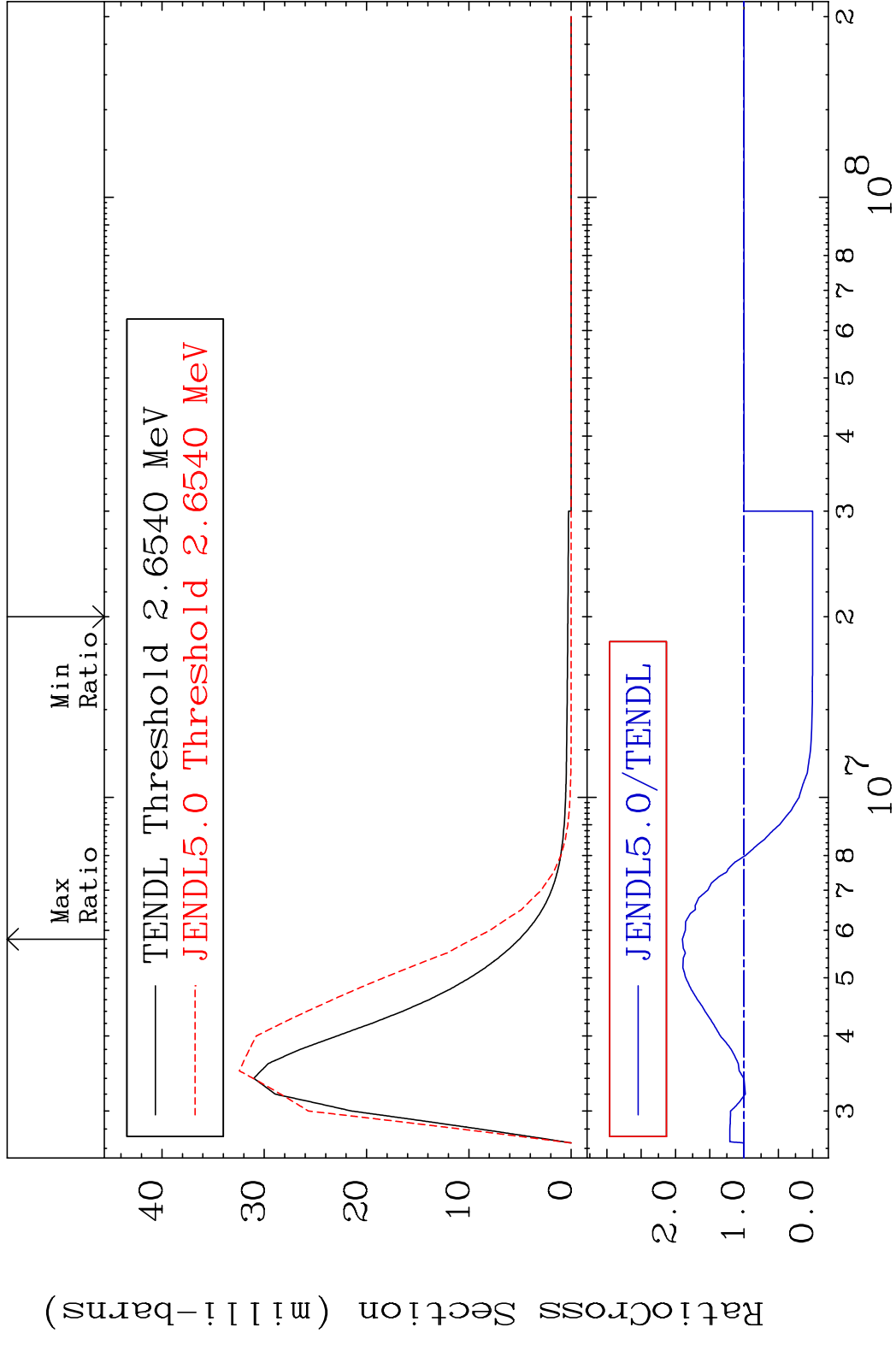
Incident Energy (eV)

34-Se-76

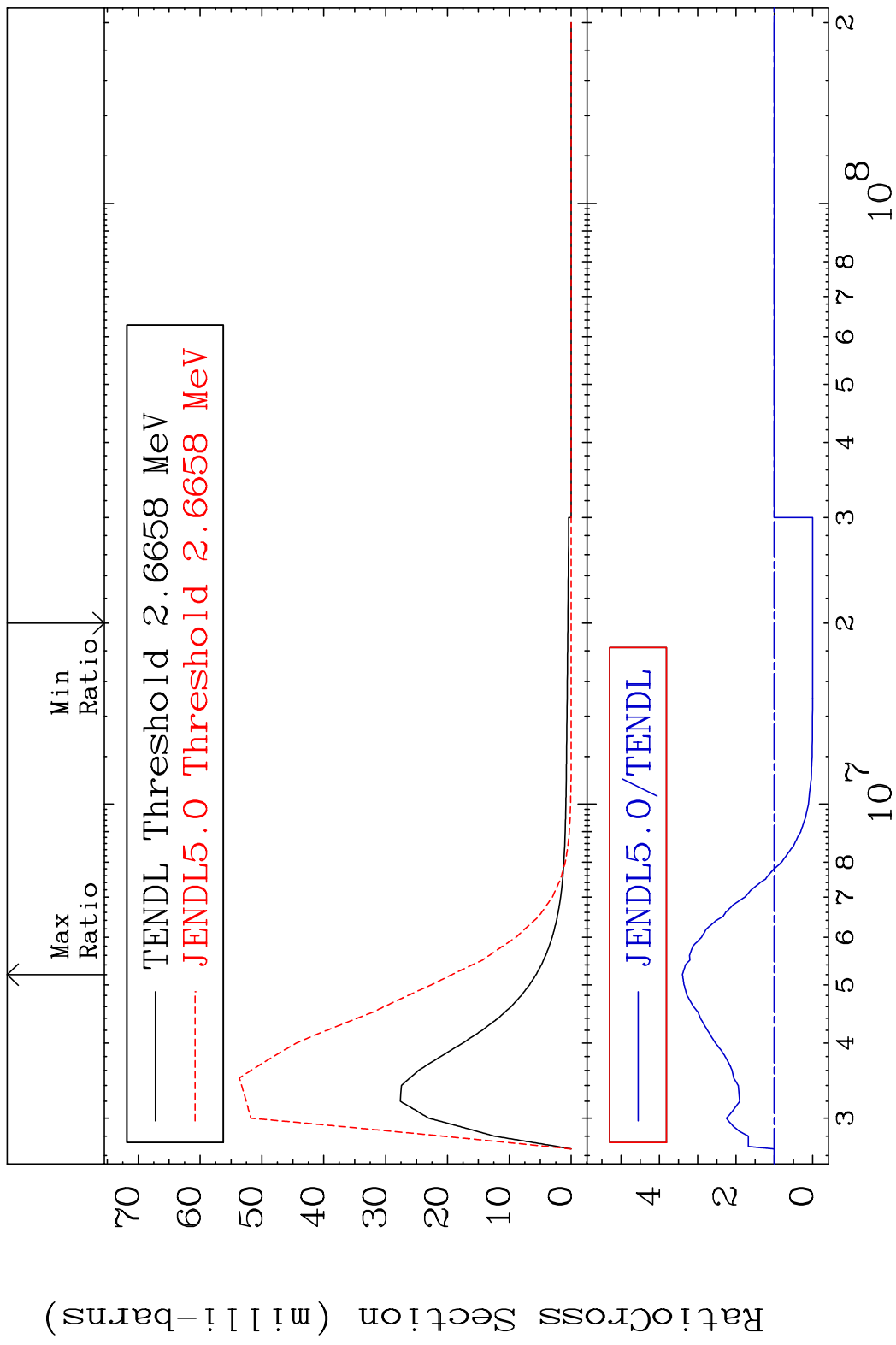
MAT 3431 MT= 69 (n, n') Level 34-Se-76
 Cross Section -100.0 To 210.6 %



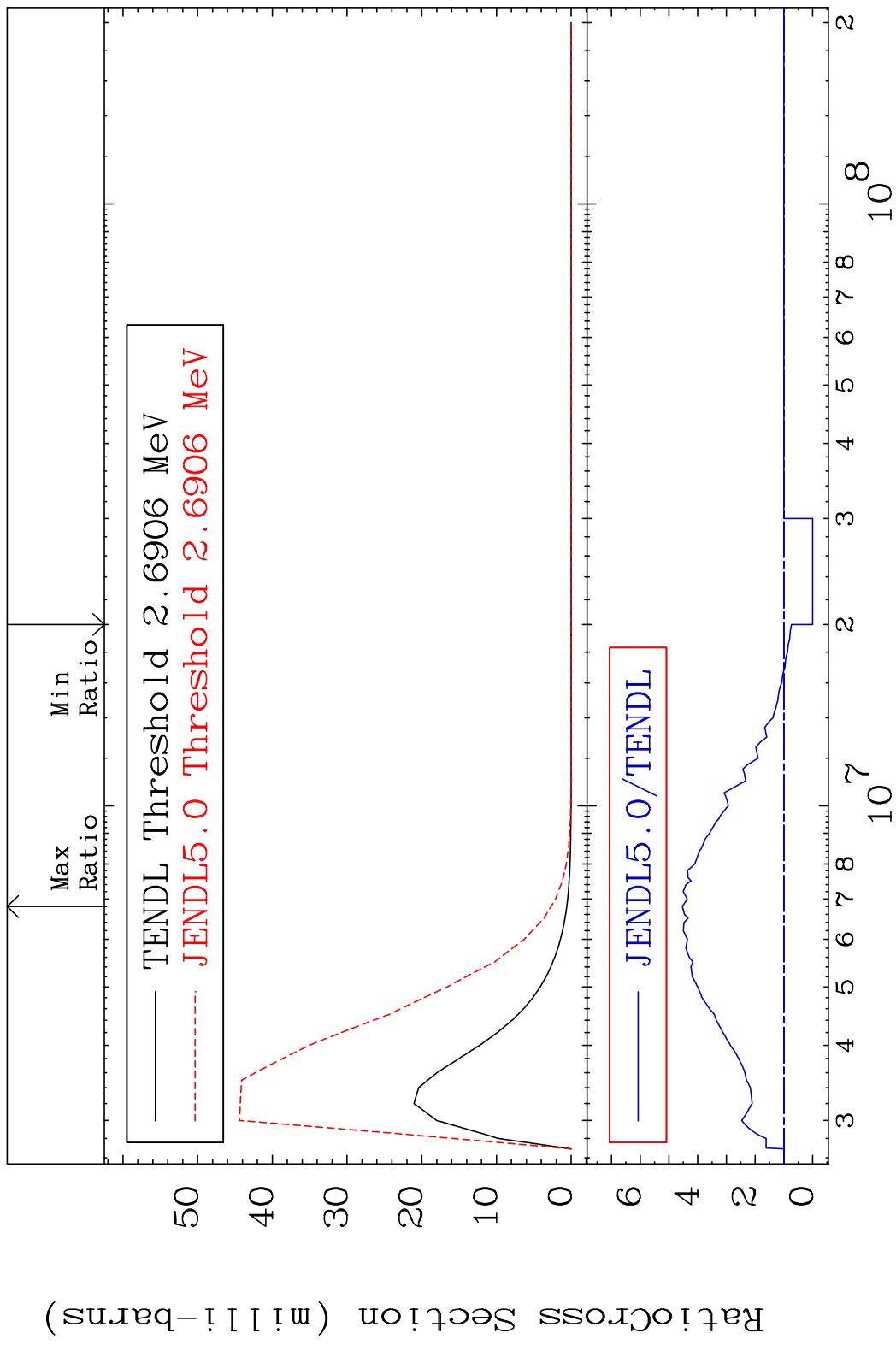
MAT 3431 MT= 70 (n,n') Level 34-Se-76
 Cross Section -100.0 To 89.98 %



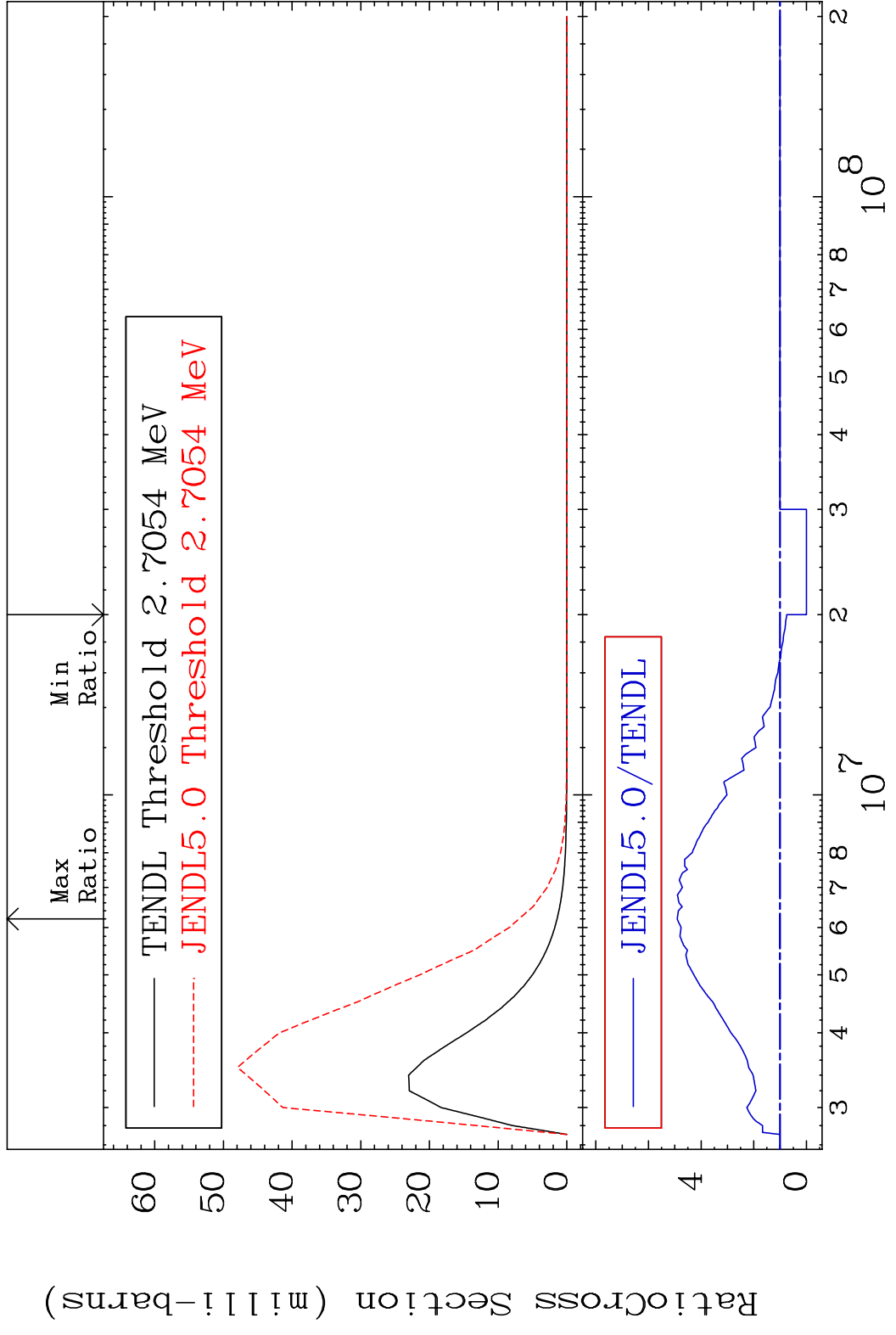
MAT 3431 MT= 71 (n,n') Level 34-Se-76
 Cross Section -100.0 To 239.8 %



MAT 3431 MT= 72 (n, n') Level 34-Se-76
 Cross Section -100.0 To 353.3 %



MAT 3431 MT= 73 (n,n') Level 34-Se-76
 Cross Section -100.0 To 390.9 %

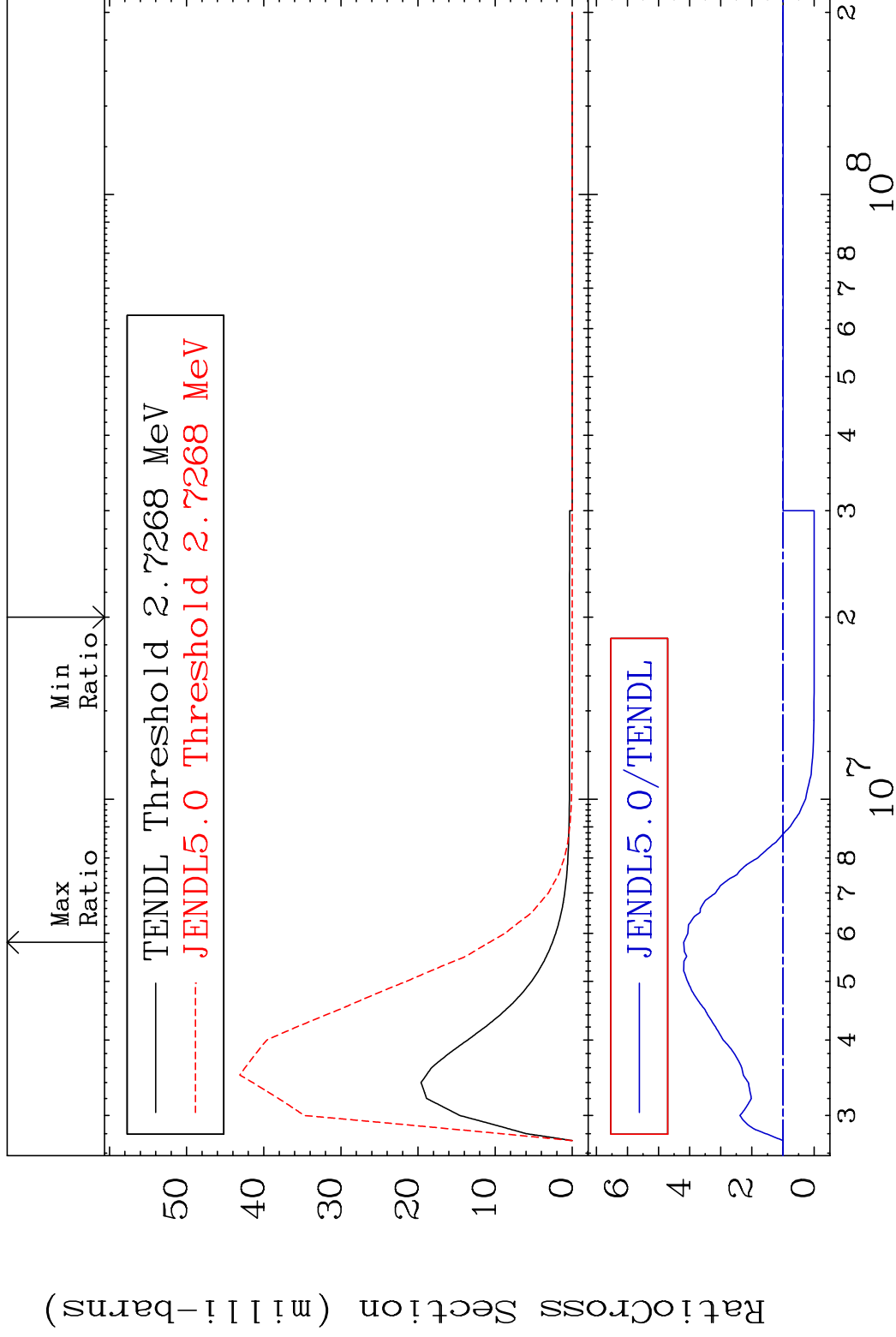


MAT 3431

MT= 74 (n,n') Level

34-Se-76

Cross Section -100.0 To 319.3 %

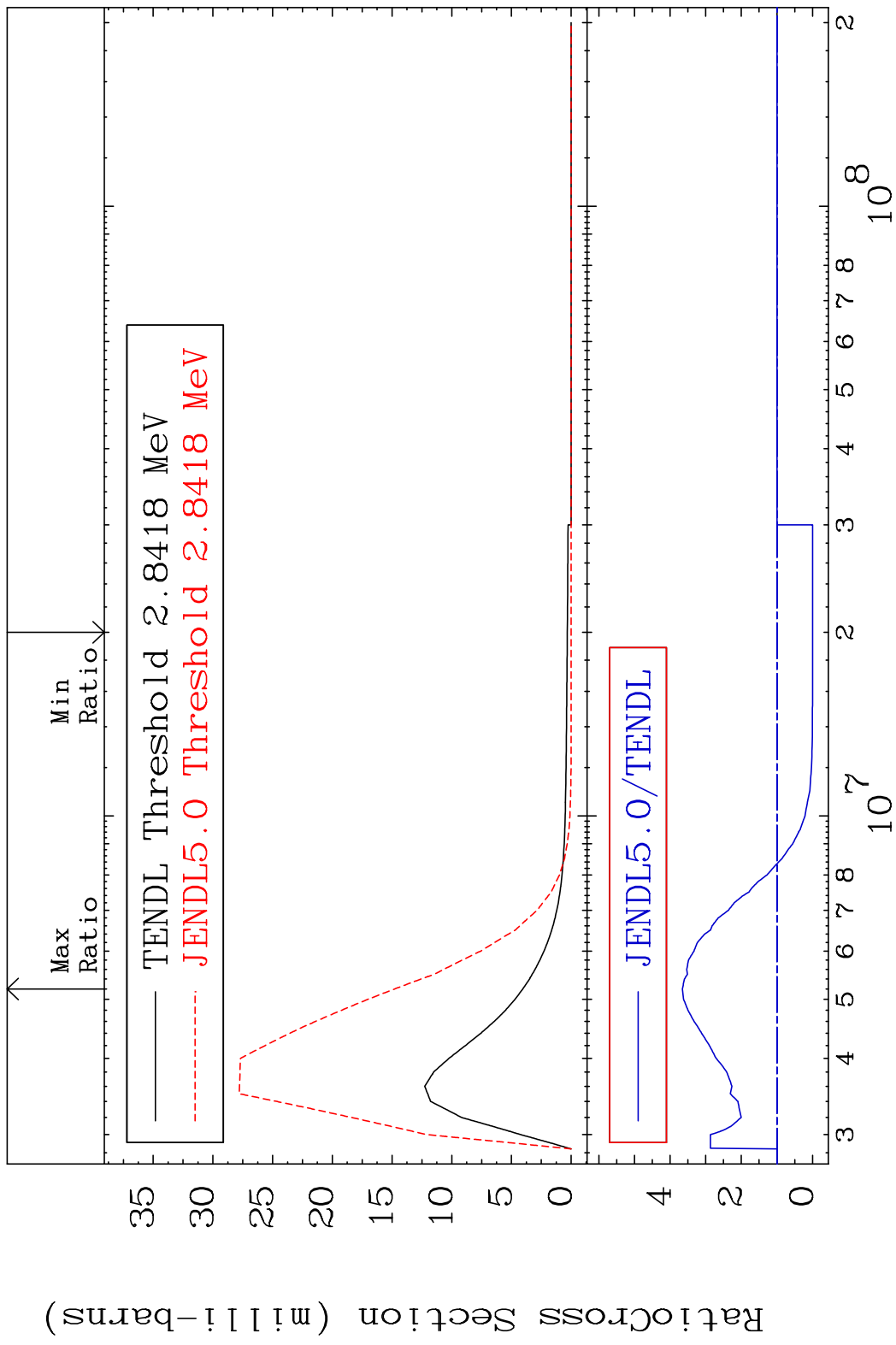


33

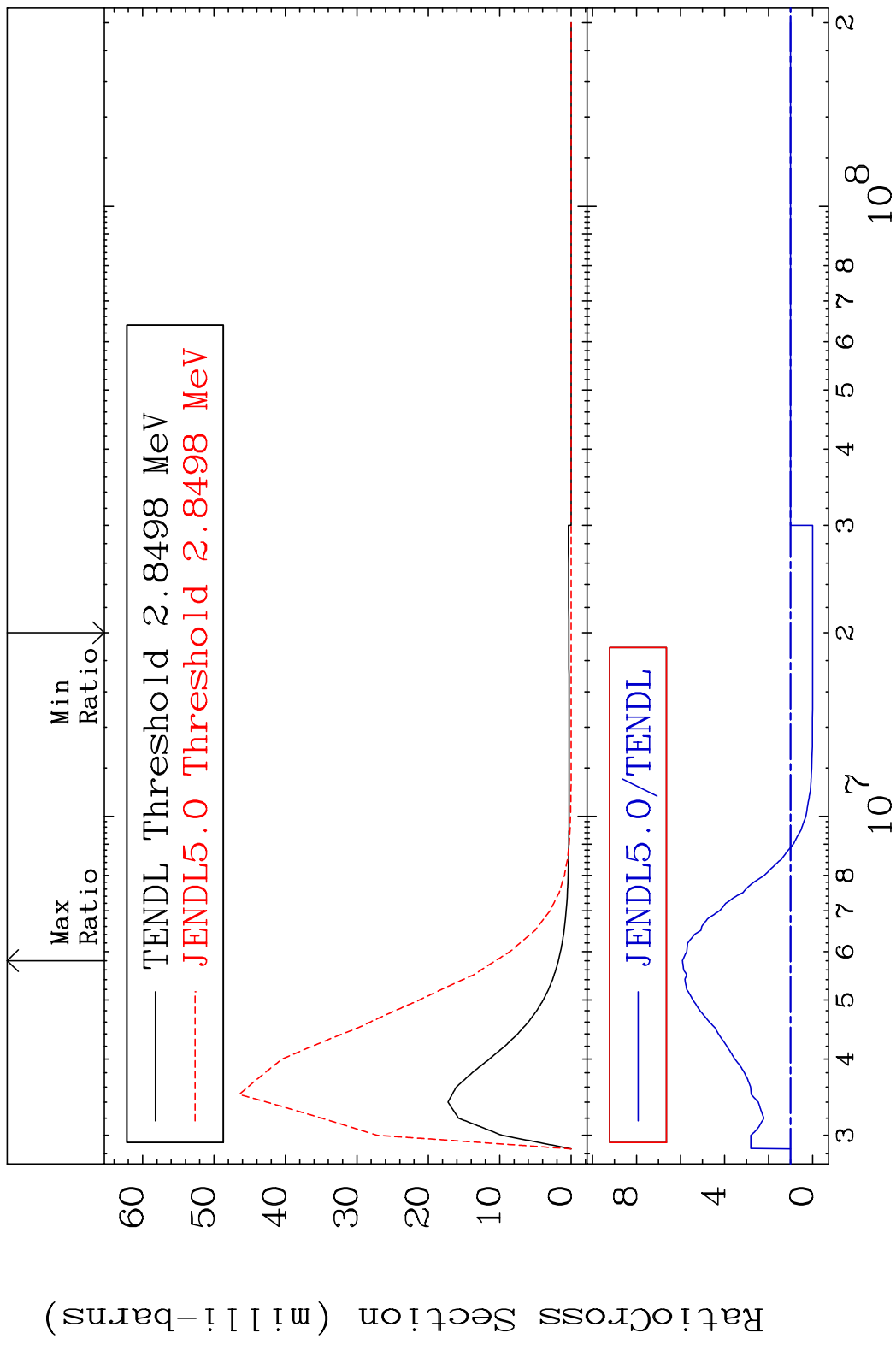
Incident Energy (eV)

34-Se-76

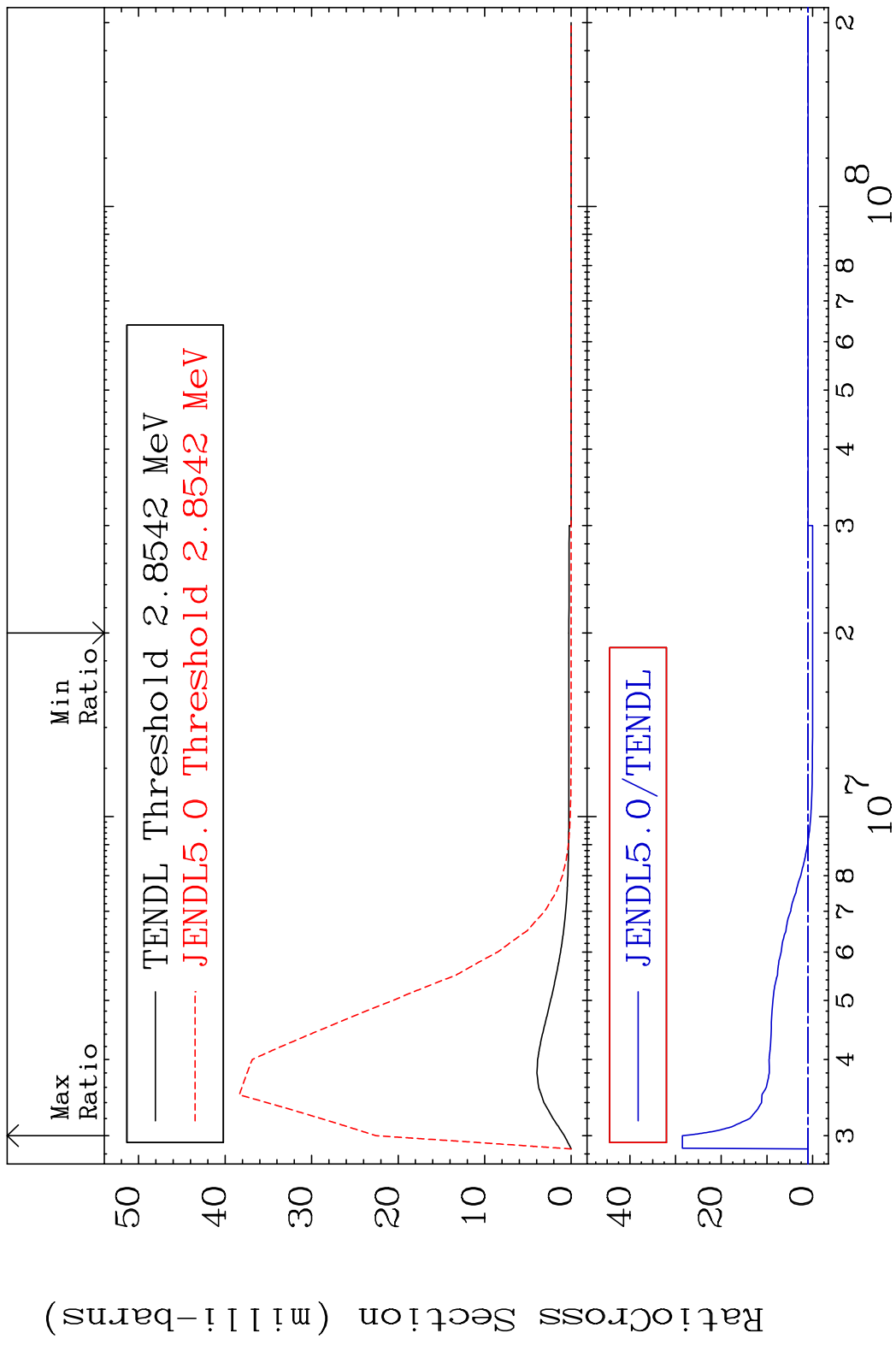
MAT 3431 MT= 75 (n,n') Level 34-Se-76
 Cross Section -100.0 To 265.5 %



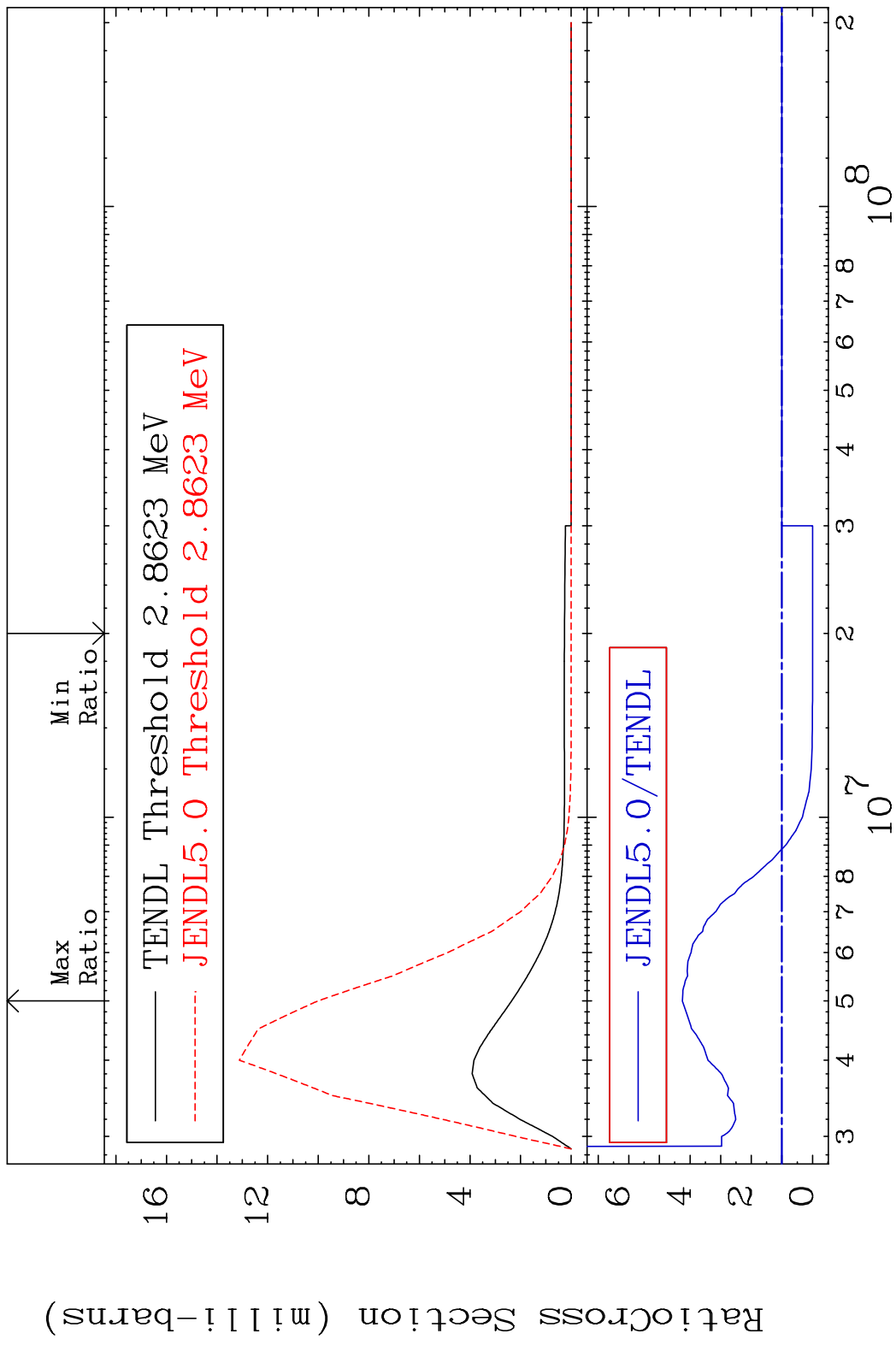
MAT 3431 MT= 76 (n,n') Level 34-Se-76
 Cross Section -100.0 To 491.7 %



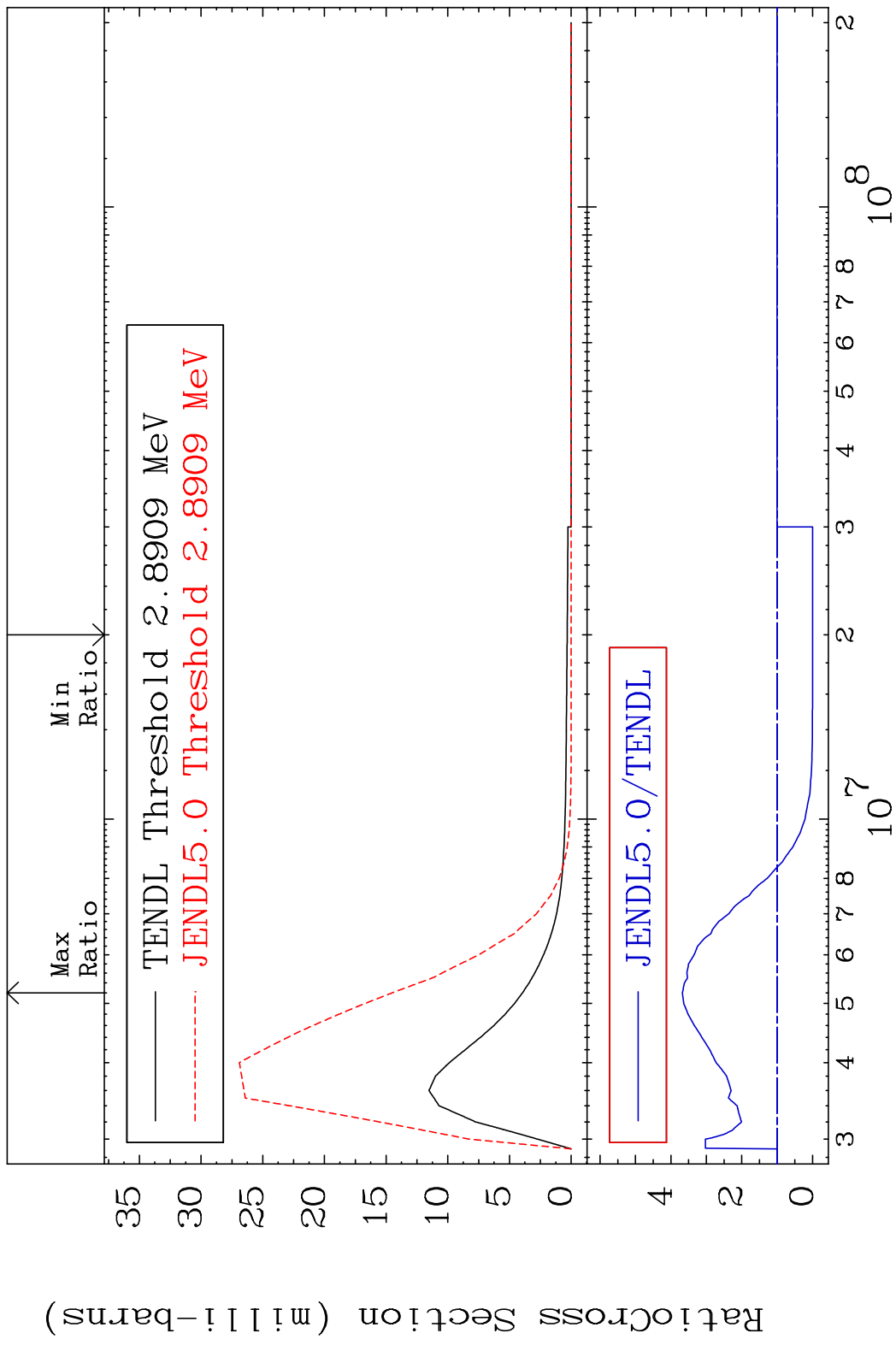
MAT 3431 MT= 77 (n,n') Level 34-Se-76
 Cross Section -100.0 To 2753. %



MAT 3431 MT= 78 (n,n') Level 34-Se-76
 Cross Section -100.0 To 325.1 %



MAT 3431 MT= 79 (n,n') Level 34-Se-76
 Cross Section -100.0 To 267.7 %

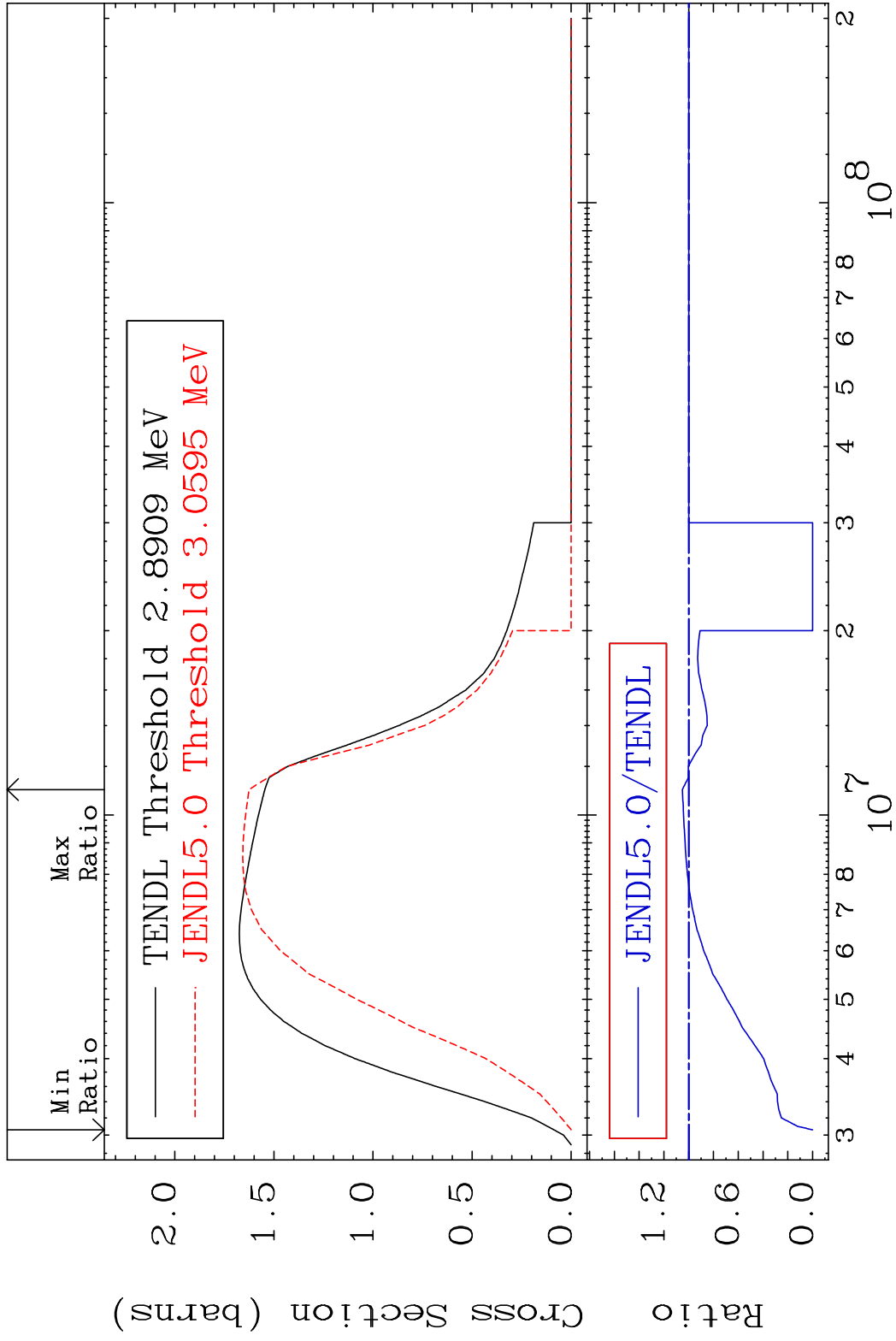


MAT 3431

(n,n') Continuum

³⁴Se-76

Cross Section -100.0 To 5.129 %



39

Incident Energy (eV)

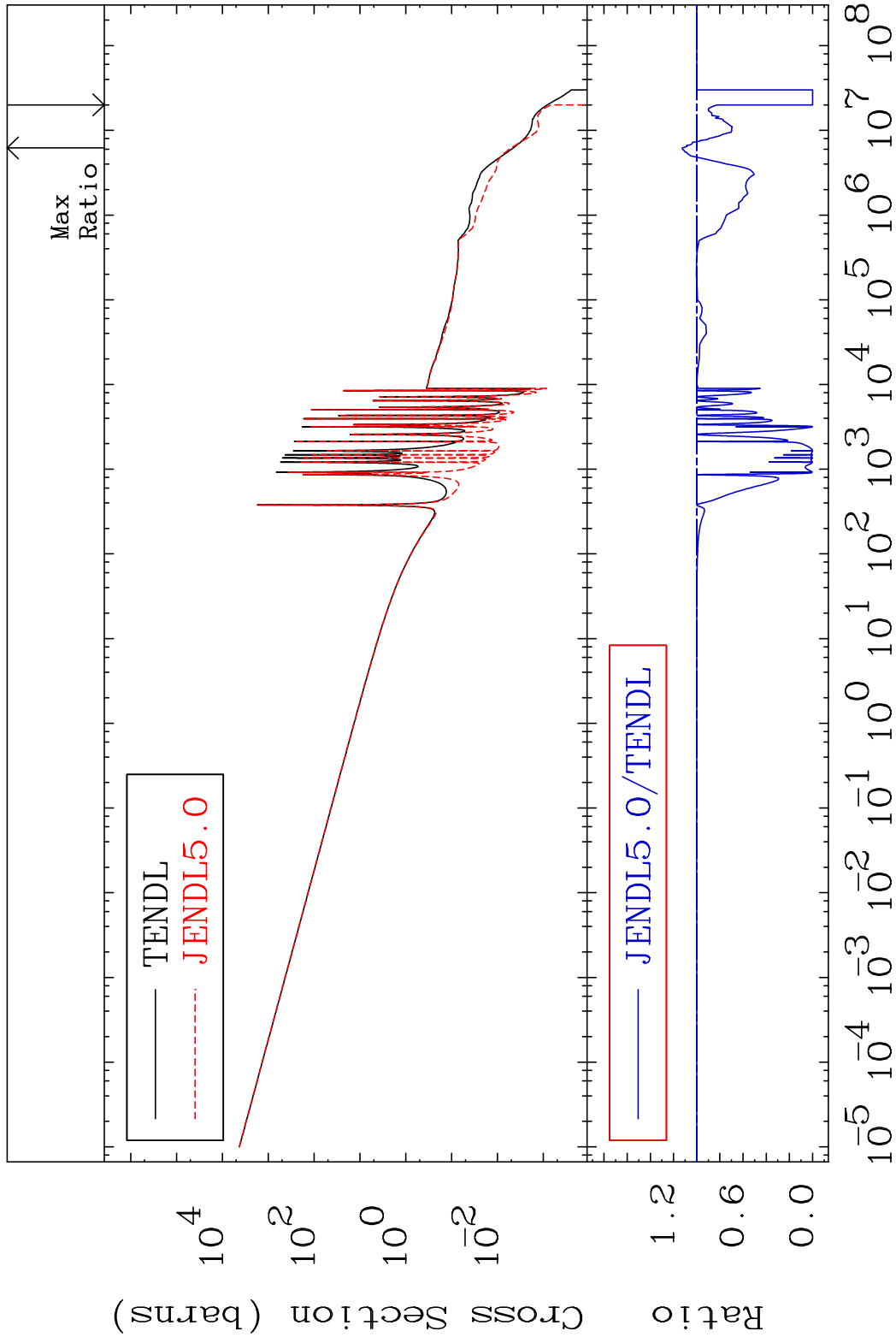
³⁴Se-76

MAT 3431

(n, γ)

34-Se-76

Cross Section -100.0 To 12.39 %



40

Incident Energy (eV)

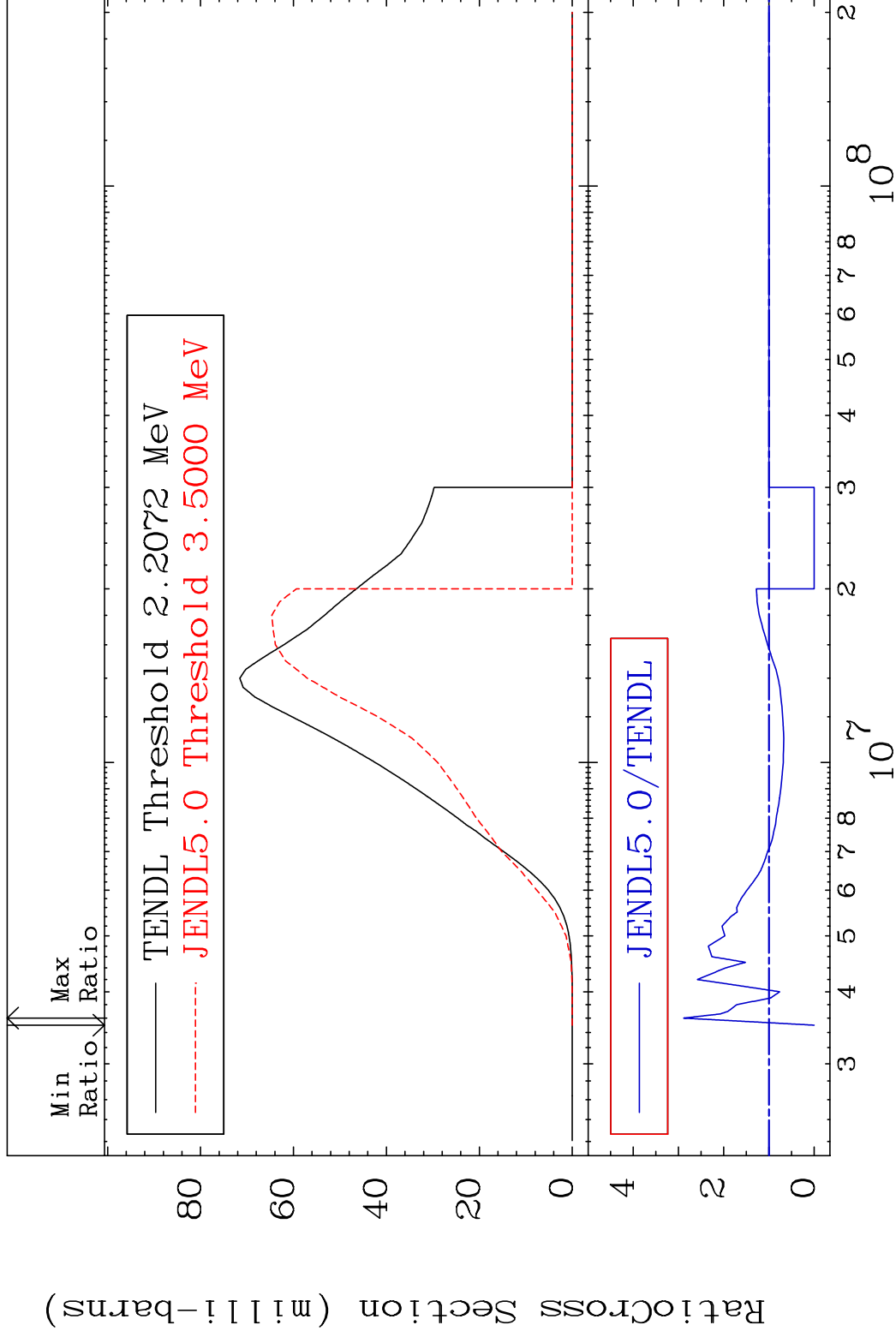
34-Se-76

MAT 3431

(n, p)

³⁴Se-76

Cross Section -100.0 To 188.4 %



41

Incident Energy (eV)

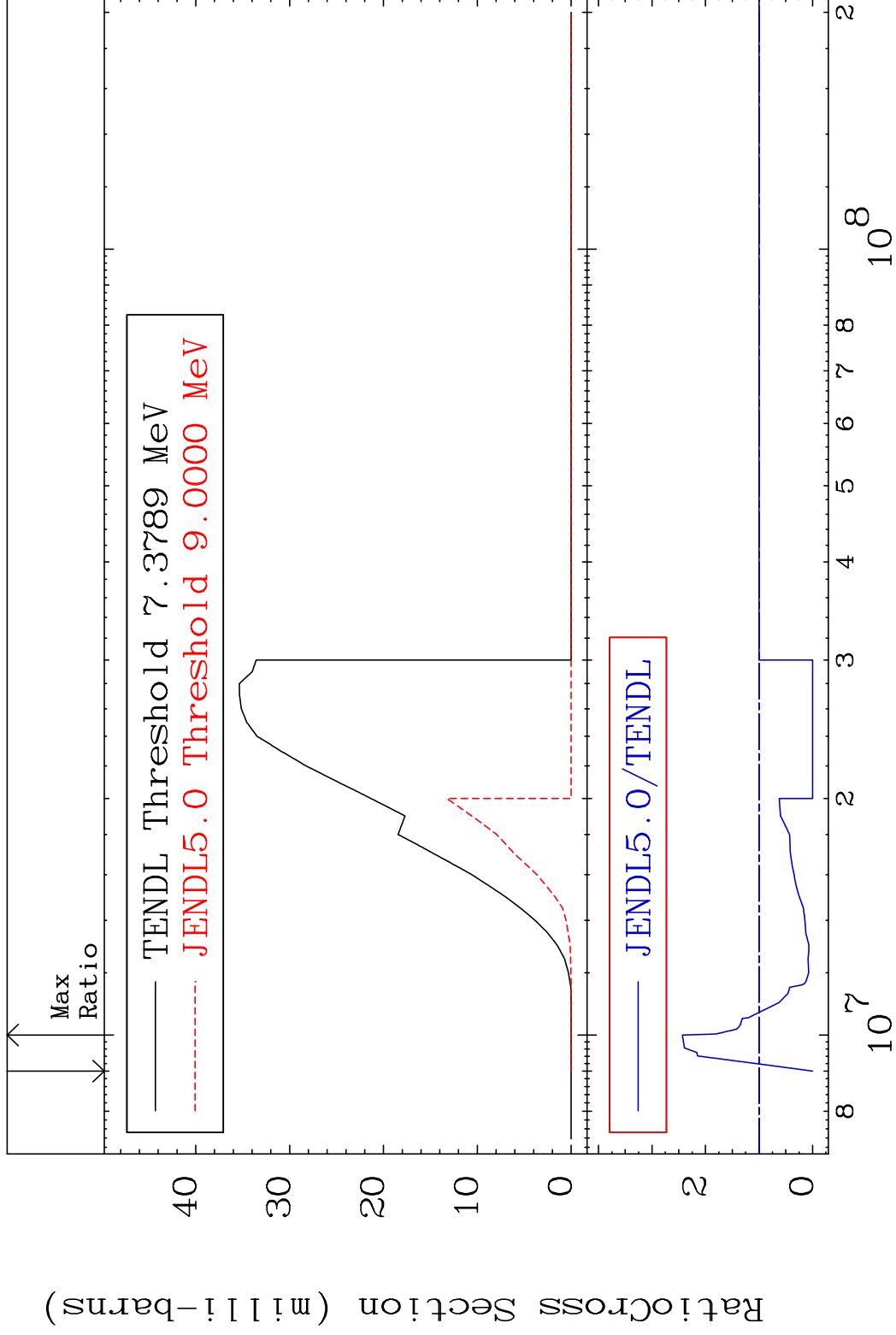
³⁴Se-76

MAT 3431

(n,d)

³⁴Se-76

Cross Section -100.0 To 143.2 %



42

Incident Energy (eV)

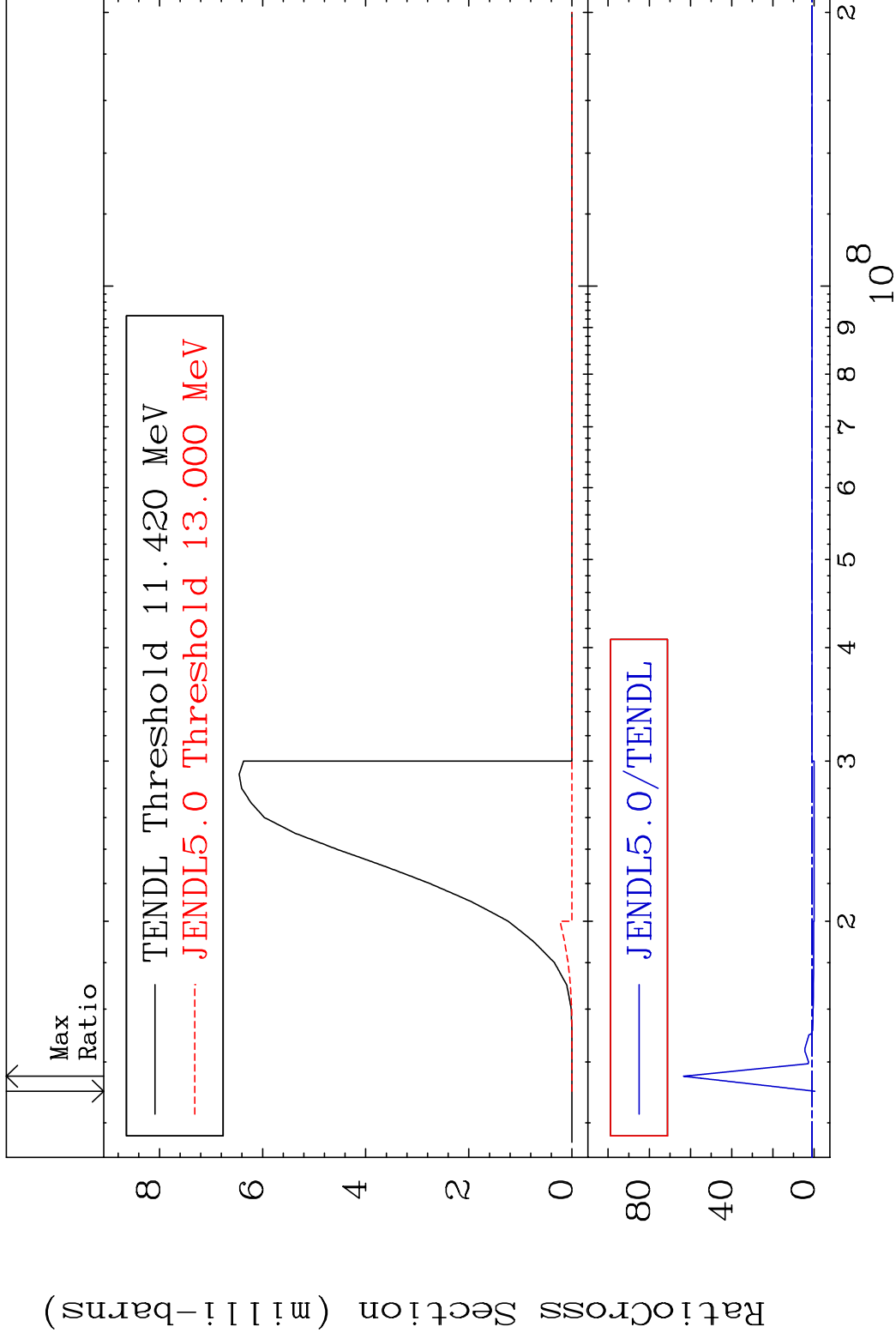
³⁴Se-76

MAT 3431

(n, t)

34-Se-76

Cross Section -100.0 To 6242. %



43

Incident Energy (eV)

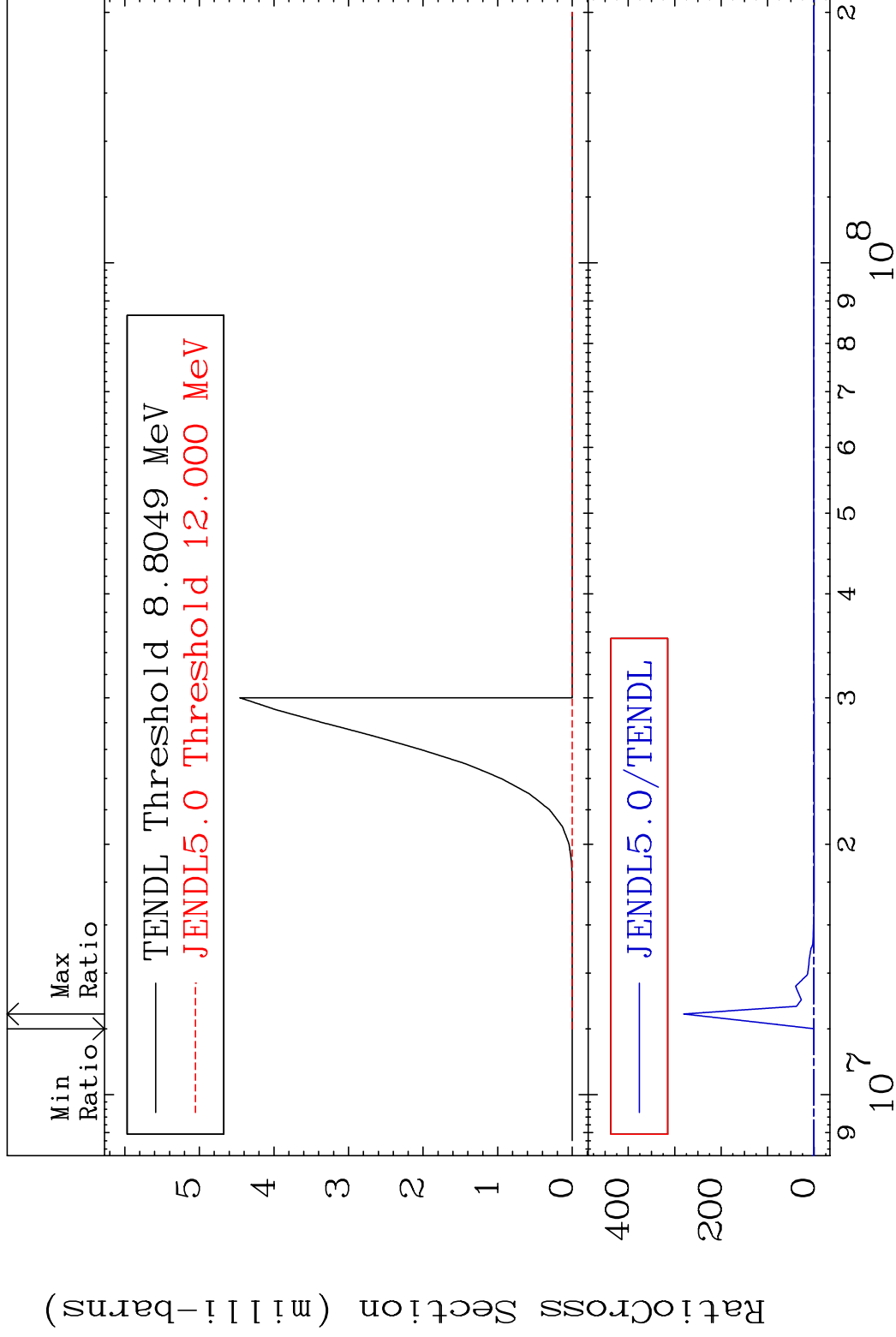
34-Se-76

MAT 3431

(n, He-3)

34-Se-76

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

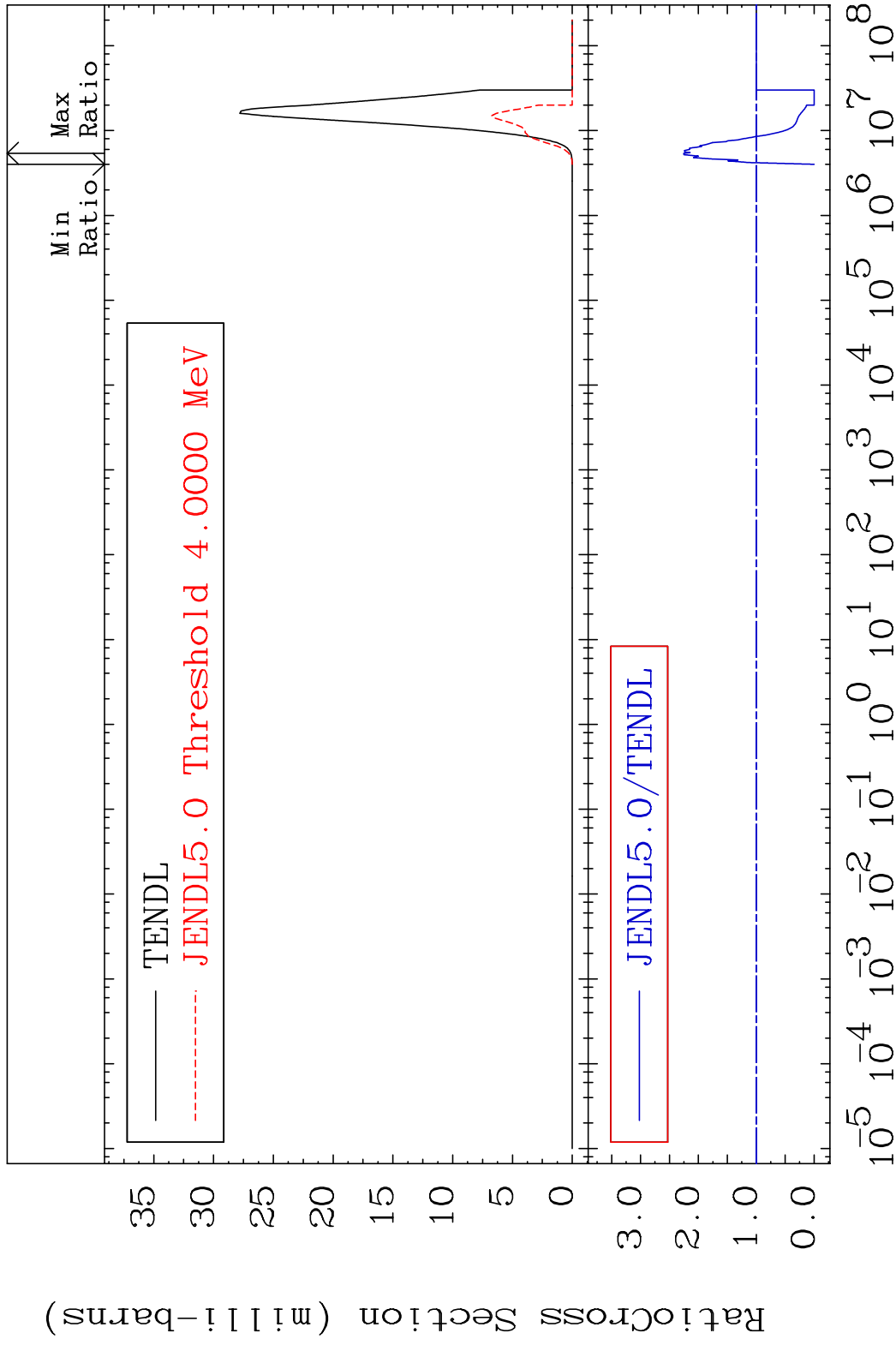
34-Se-76

MAT 3431

(n, α)

34-Se-76

Cross Section -100.0 To 125.5 %



45

Incident Energy (eV)

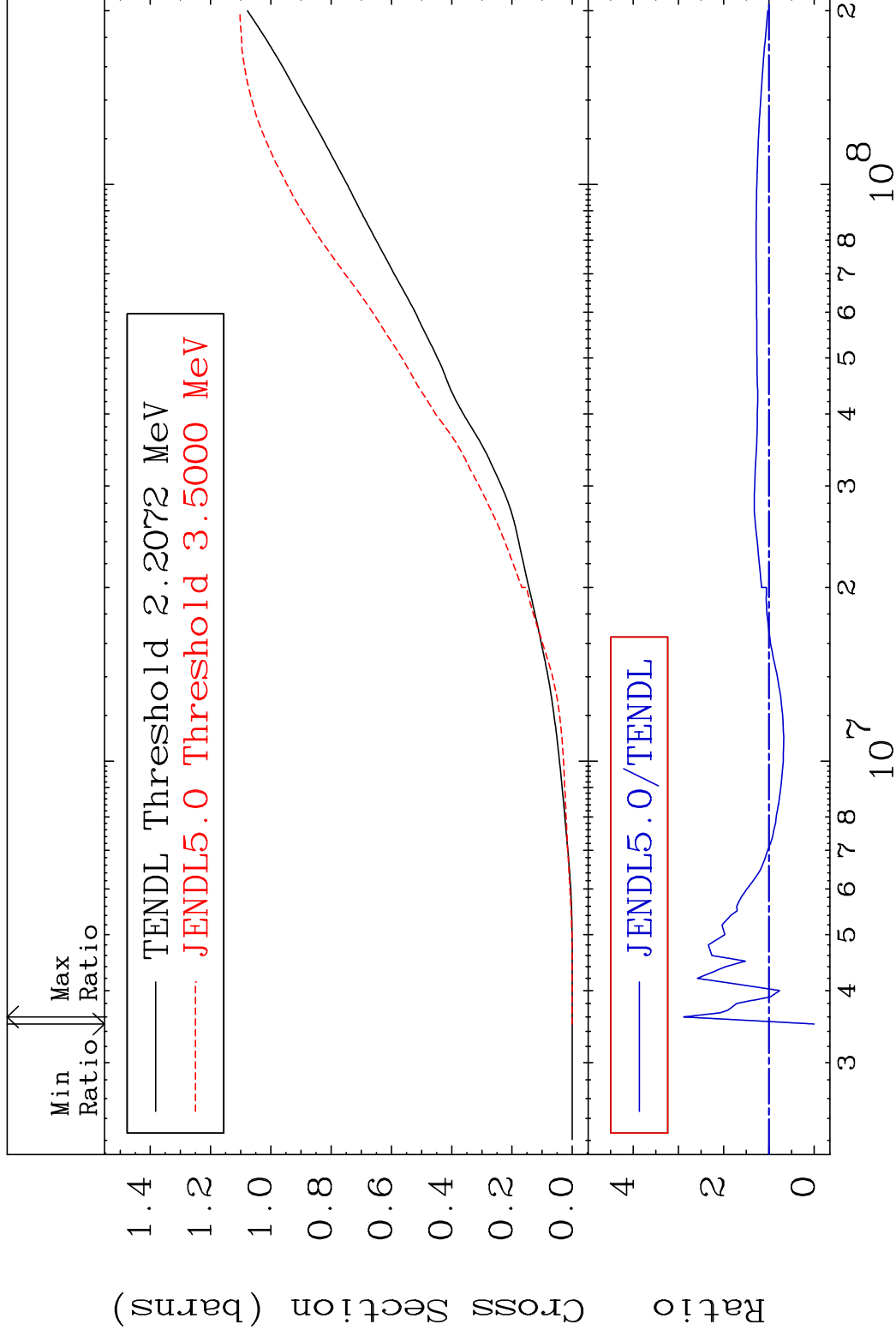
34-Se-76

MAT 3431

Hydrogen Production

³⁴Se-76

Cross Section -100.0 To 188.4 %

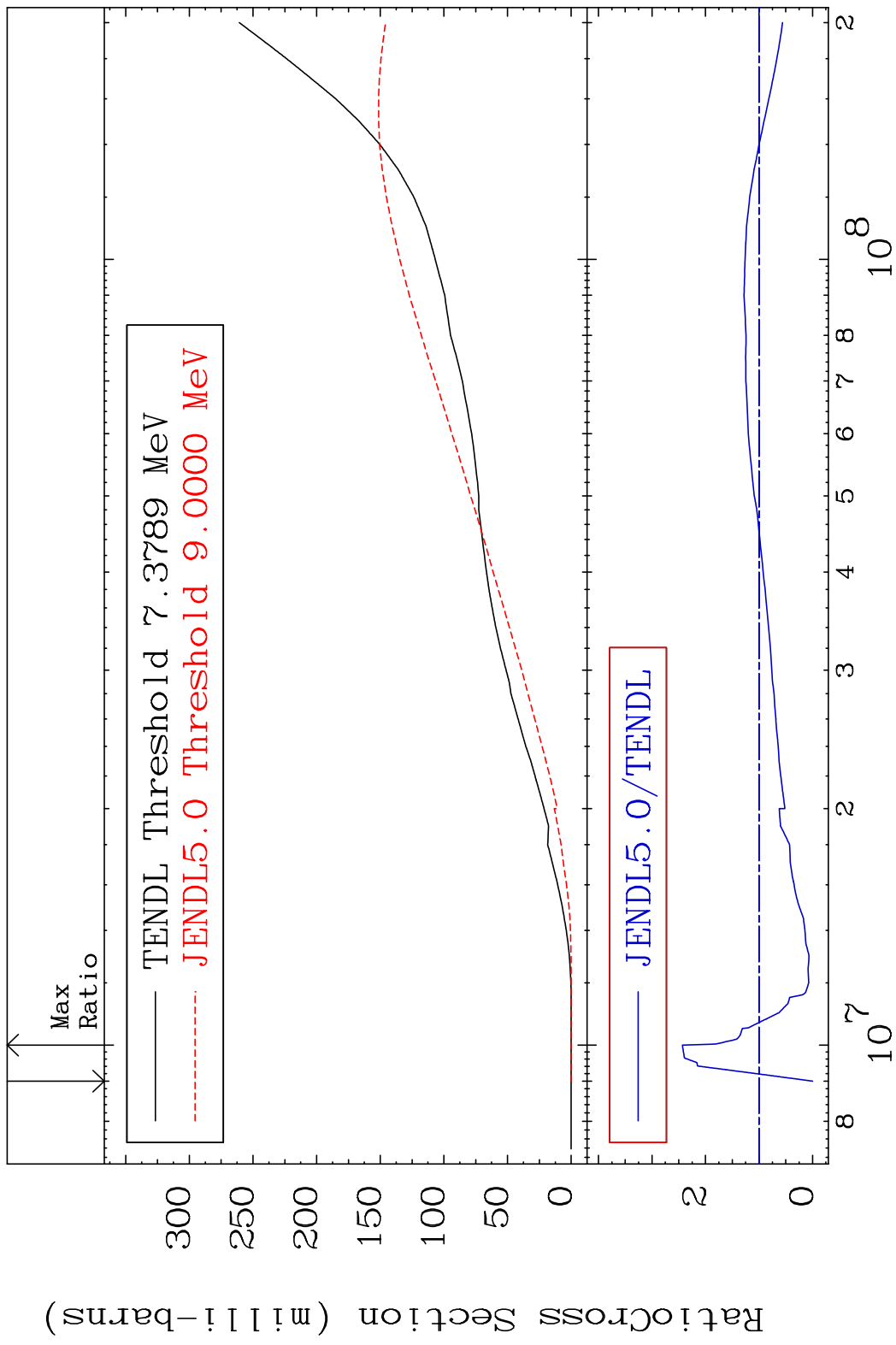


46

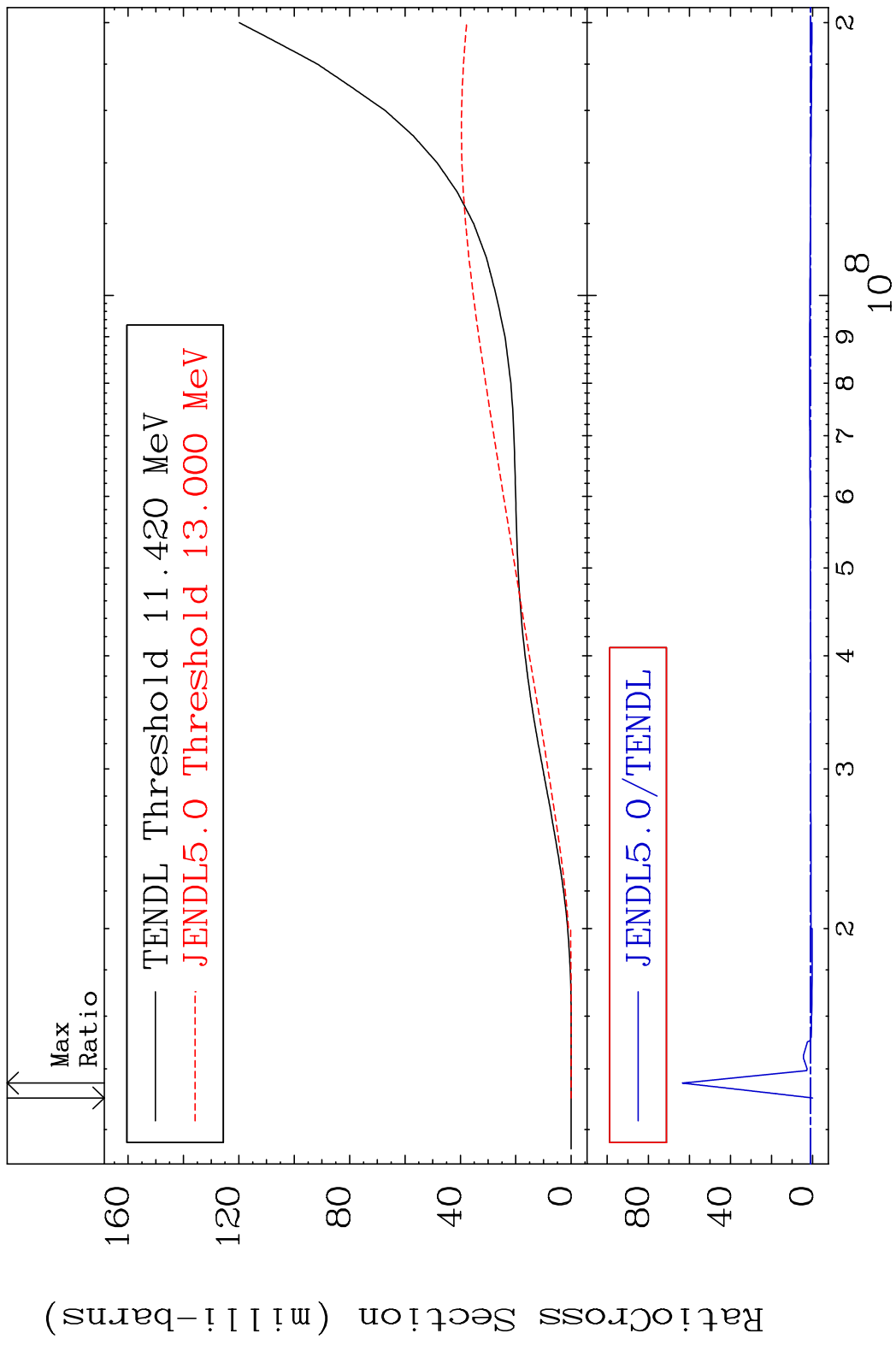
Incident Energy (eV)

³⁴Se-76

MAT 3431 Deuterium Production 34-Se-76
 Cross Section -100.0 To 143.2 %



MAT 3431 Tritium Production 34-Se-76
 Cross Section -100.0 To 6242. %



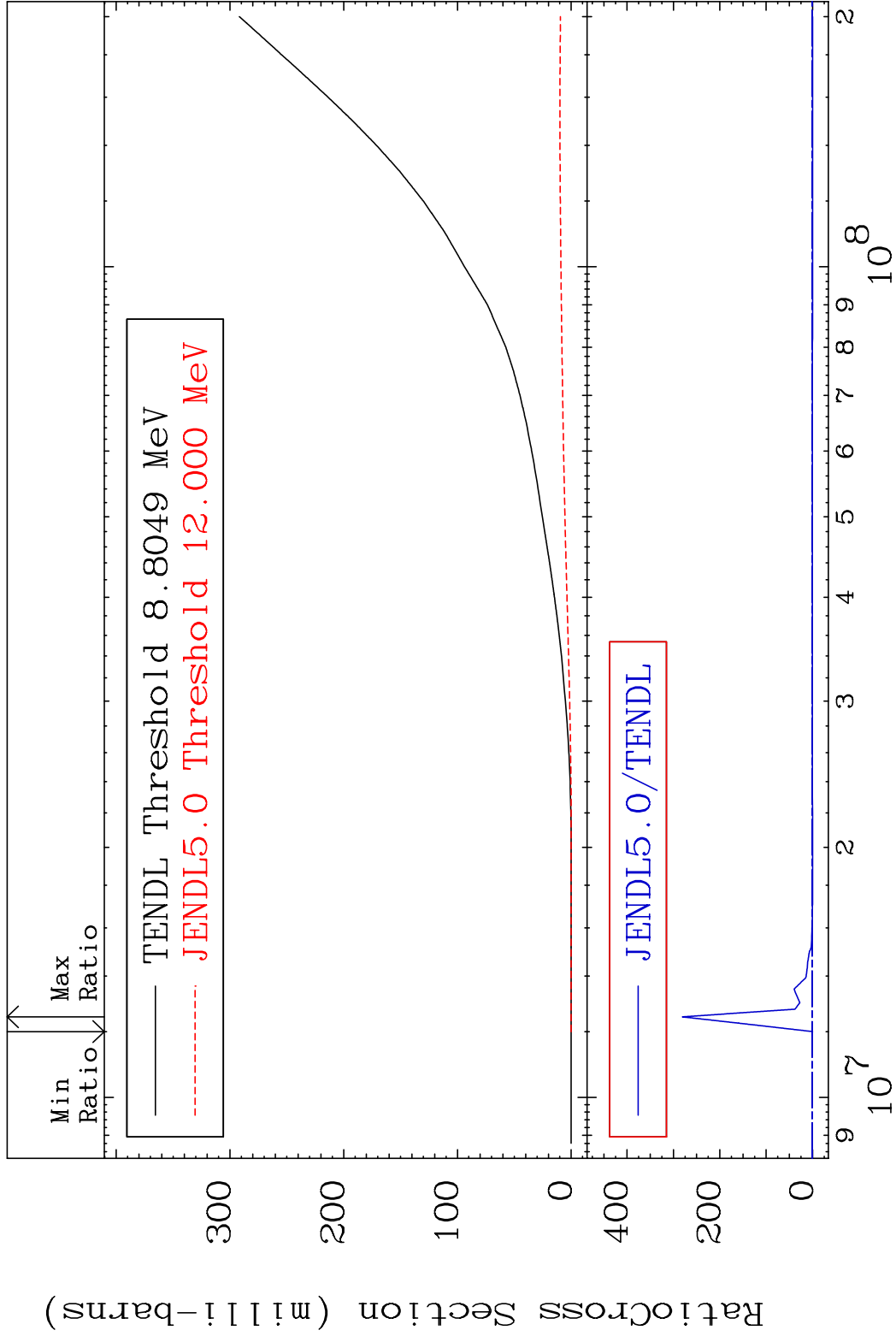
48 Incident Energy (eV) 34-Se-76

MAT 3431

He-3 Production

³⁴Se-76

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

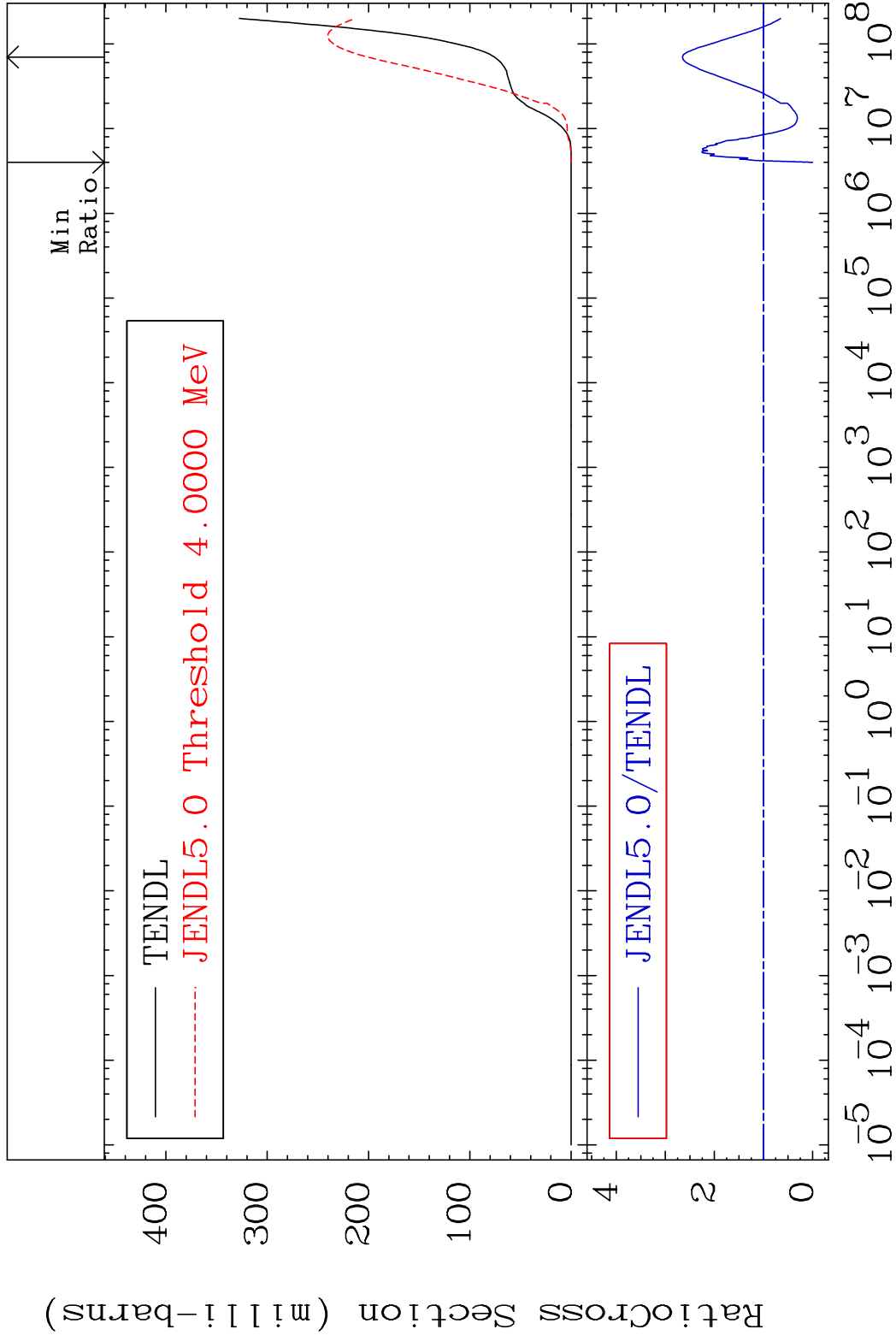
³⁴Se-76

MAT 3431

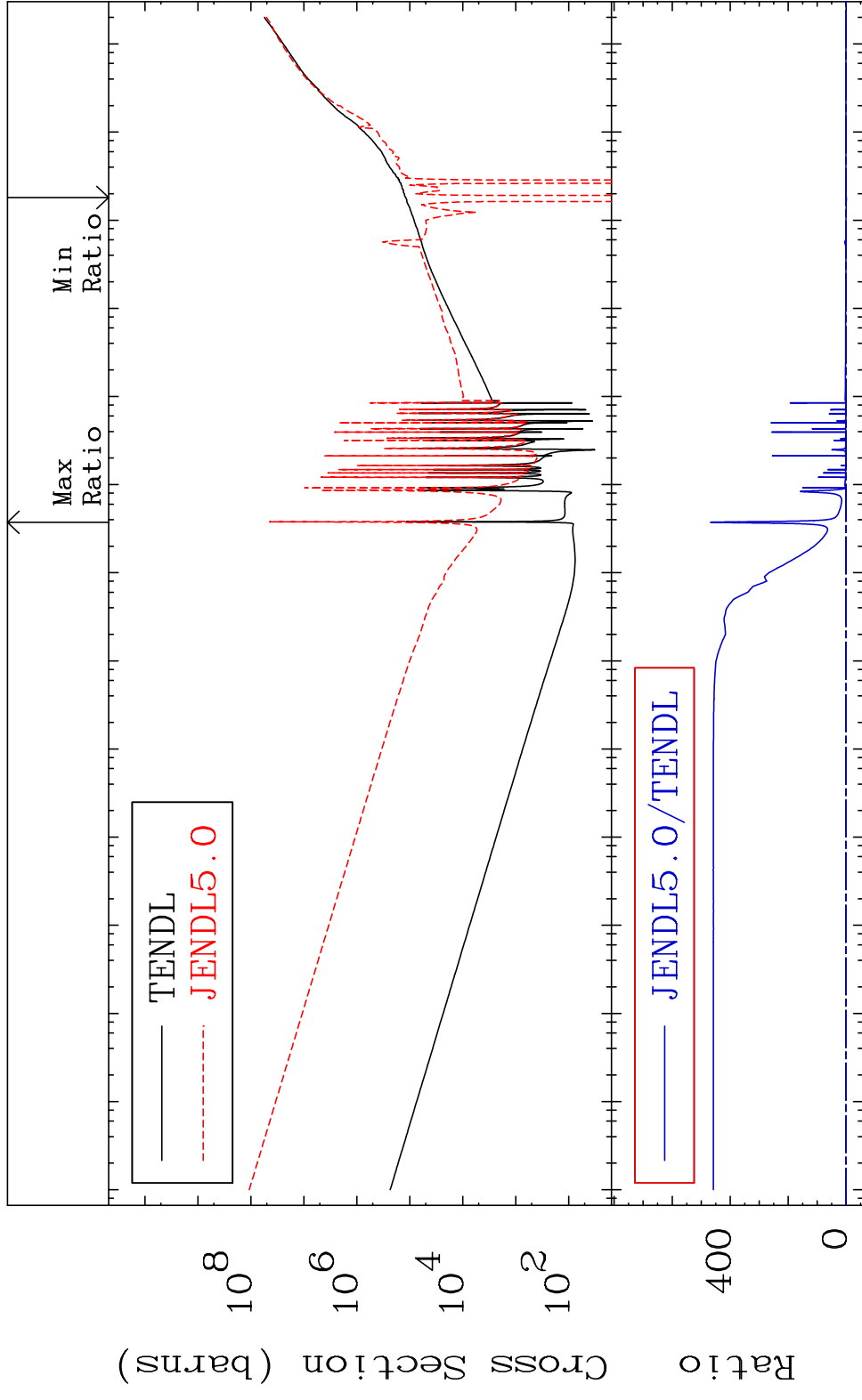
He-4 Production

³⁴Se-76

Cross Section -100.0 To 165.3 %



MAT 3431 Kerma total (eV-barns) 34-Se-76
 Cross Section -147.3 To 9999. %

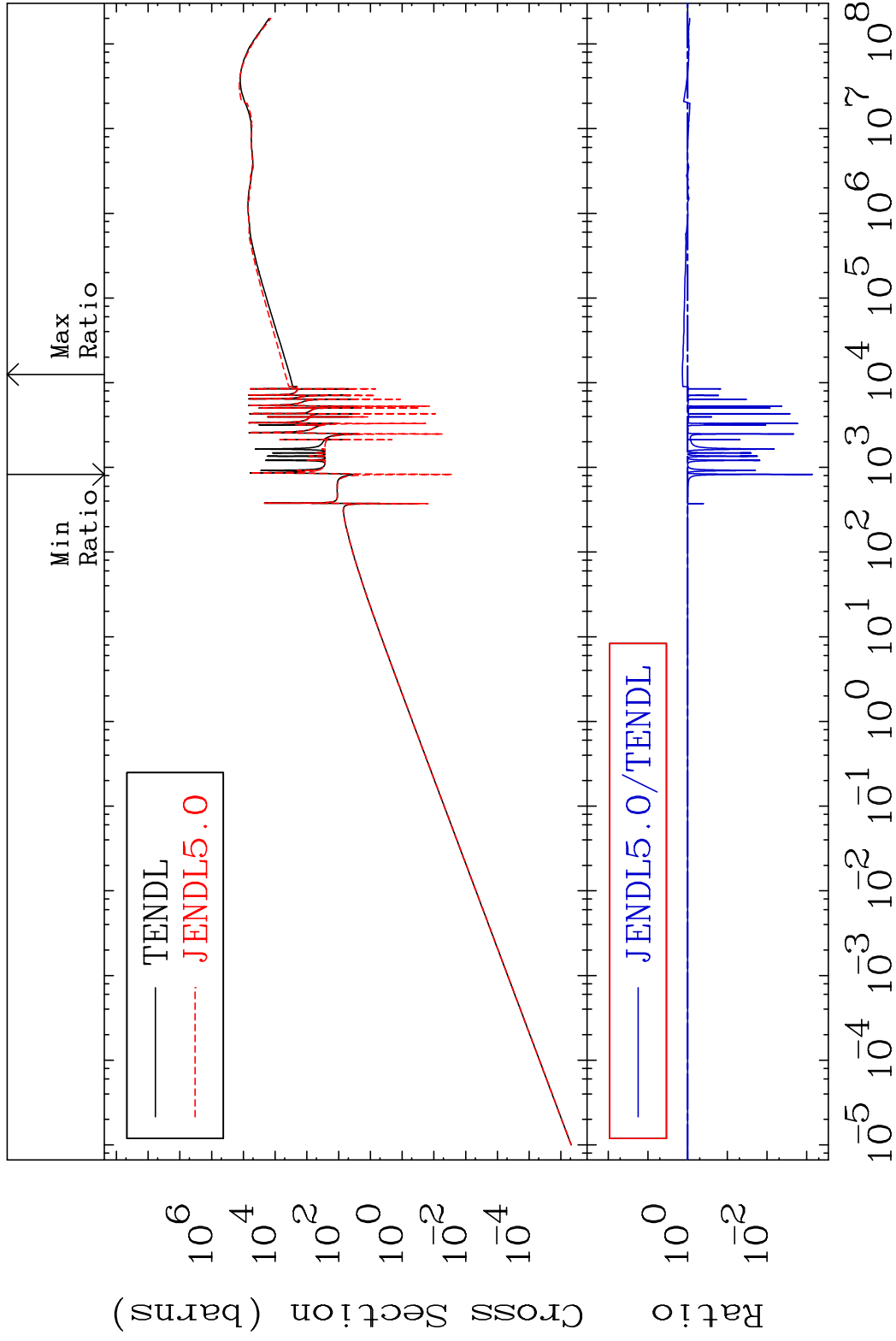


MAT 3431

Kerma elastic

34-Se-76

Cross Section -99.93 To 36.13 %

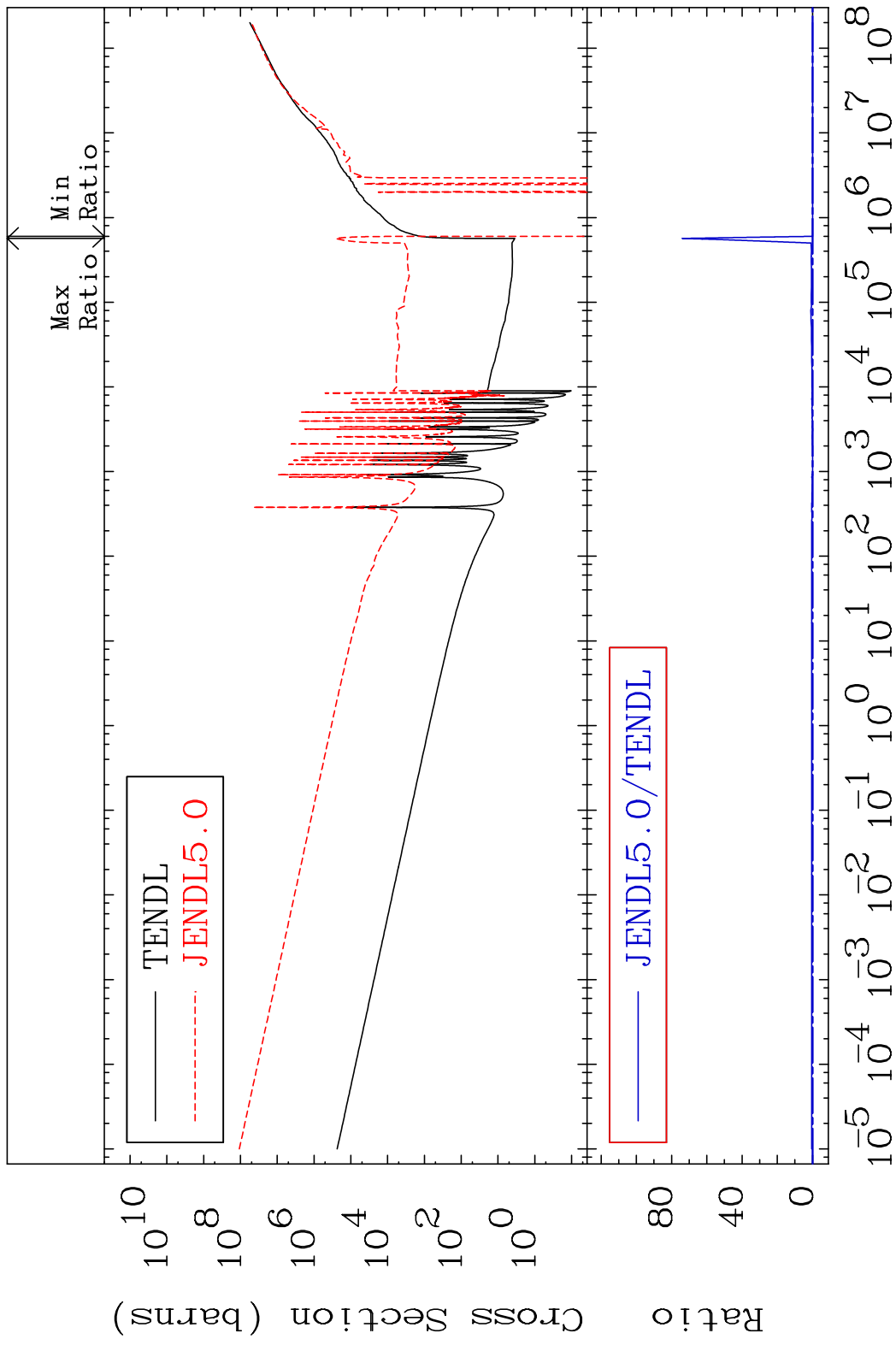


52

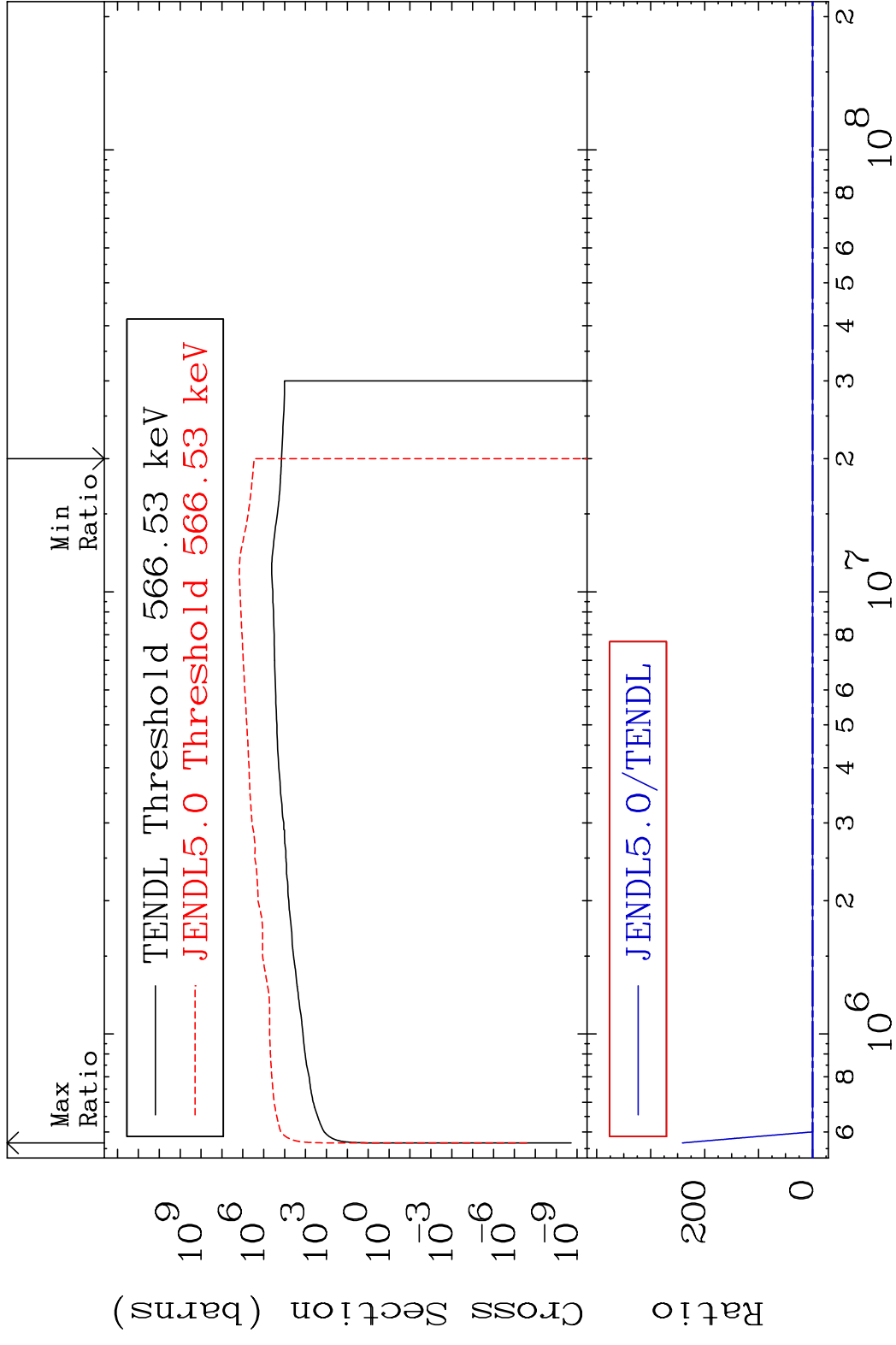
Incident Energy (eV)

34-Se-76

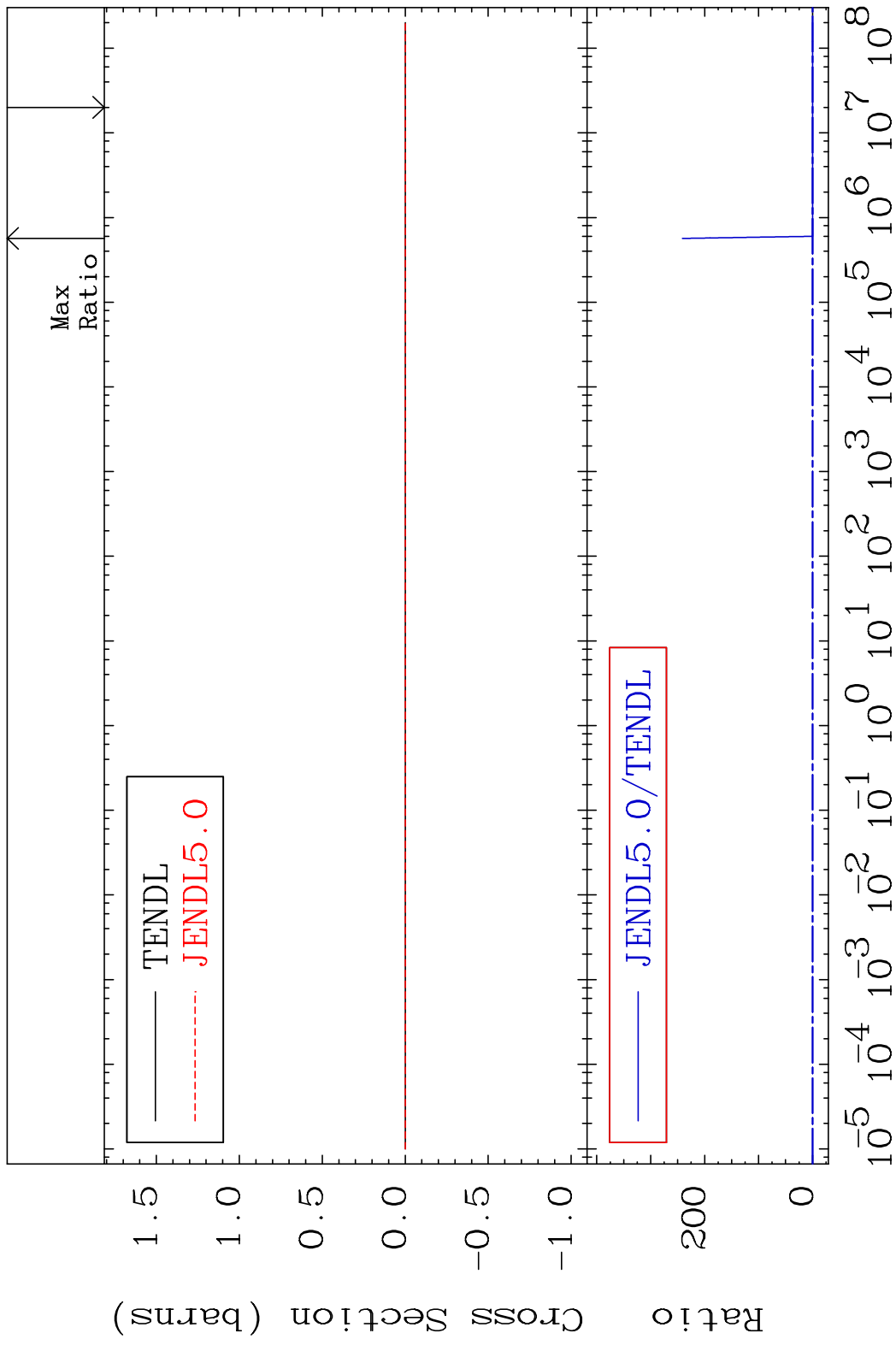
MAT 3431 Kerma non-elastic (all but mt2) 34-Se-76
 Cross Section -608.2 To 9999. %



MAT 3431 Kerma inelastic (mt51-91) 34-Se-76
 Cross Section -100.0 To 9999. %



MAT 3431 Kerma fission (mt18 or mt19-20-21-38) 34-Se-76
 Cross Section -100.0 To 9999. %

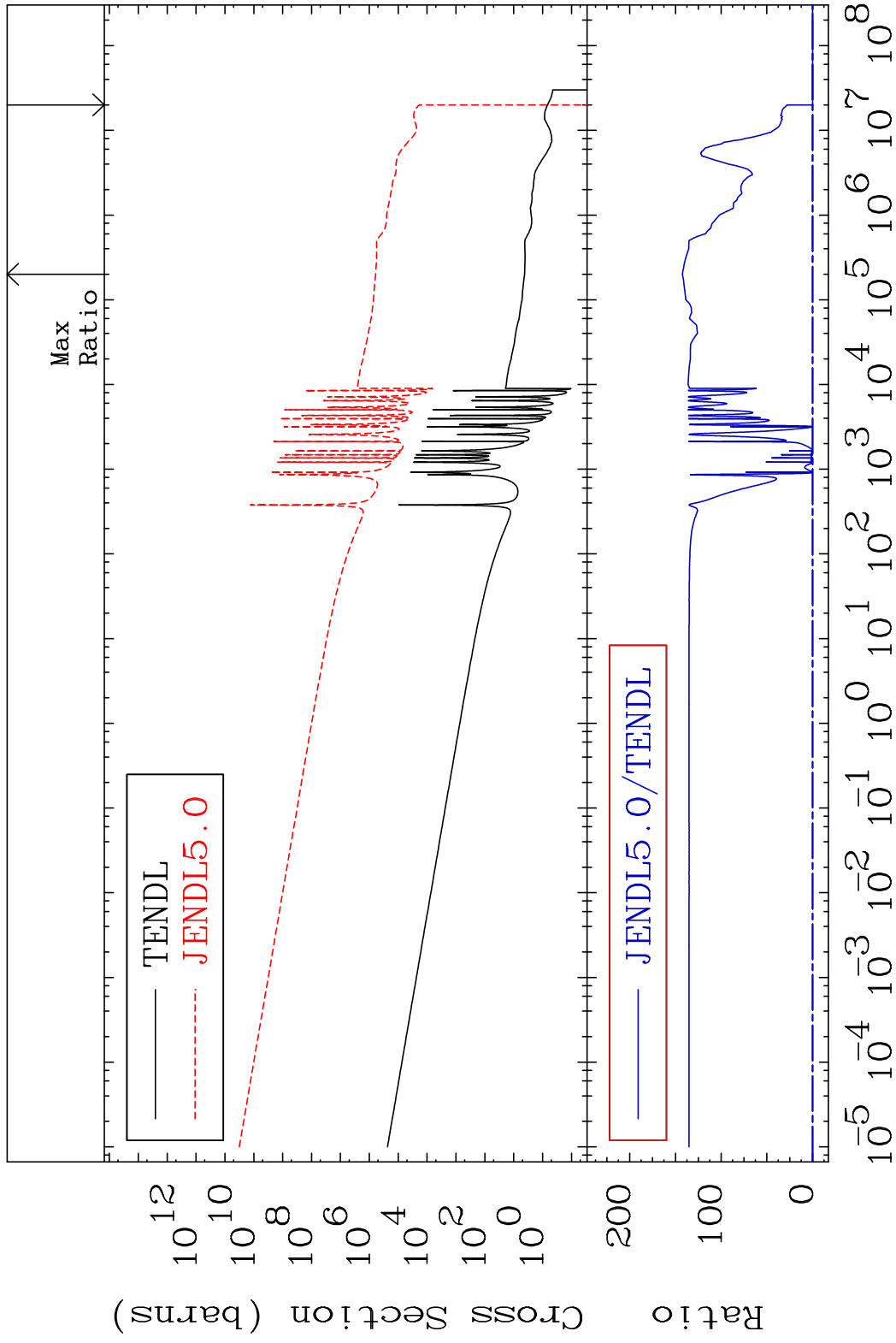


MAT 3431

Kerma capture (mt102)

34-Se-76

Cross Section -100.0 To 9999. %

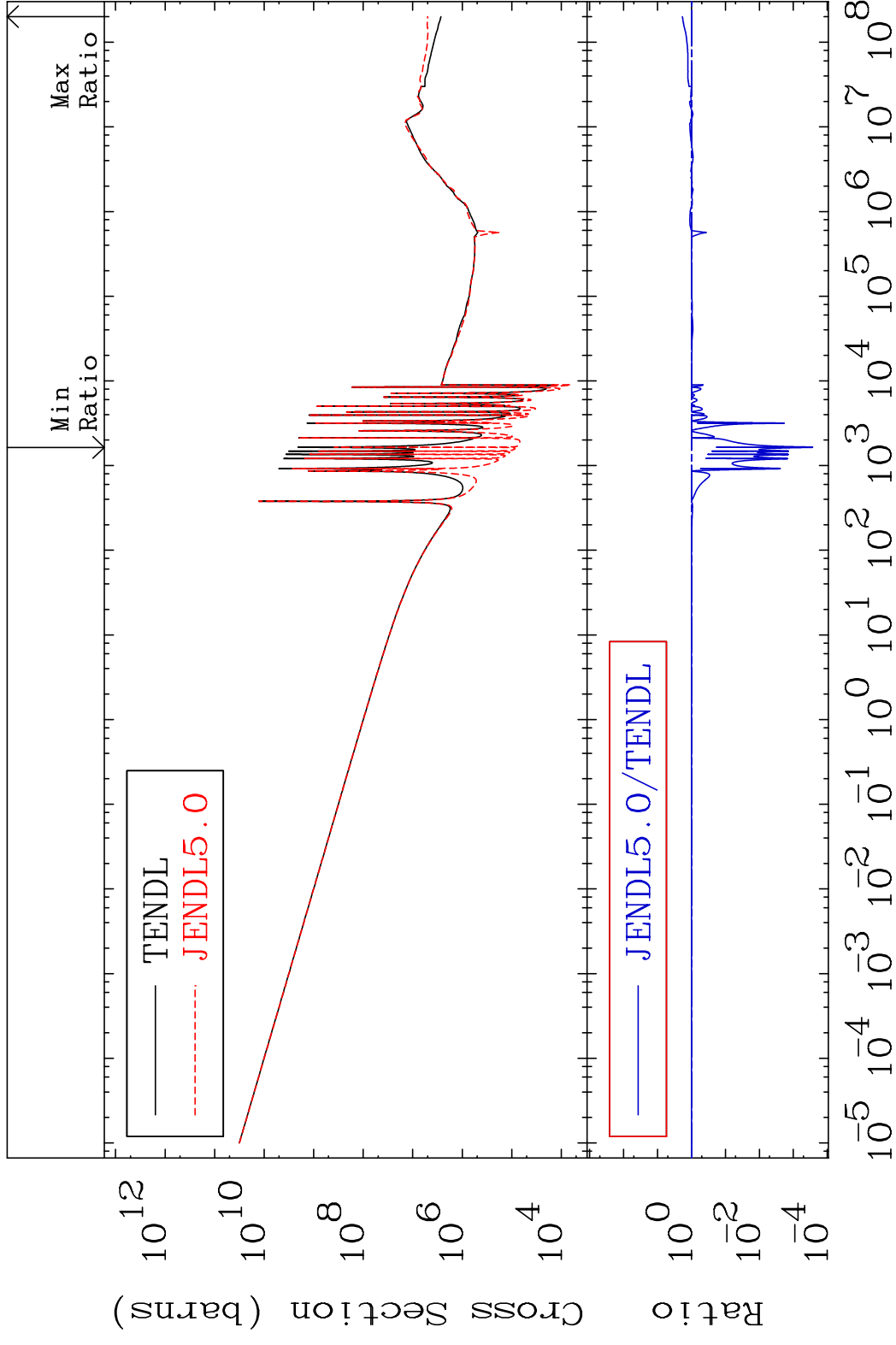


56

Incident Energy (eV)

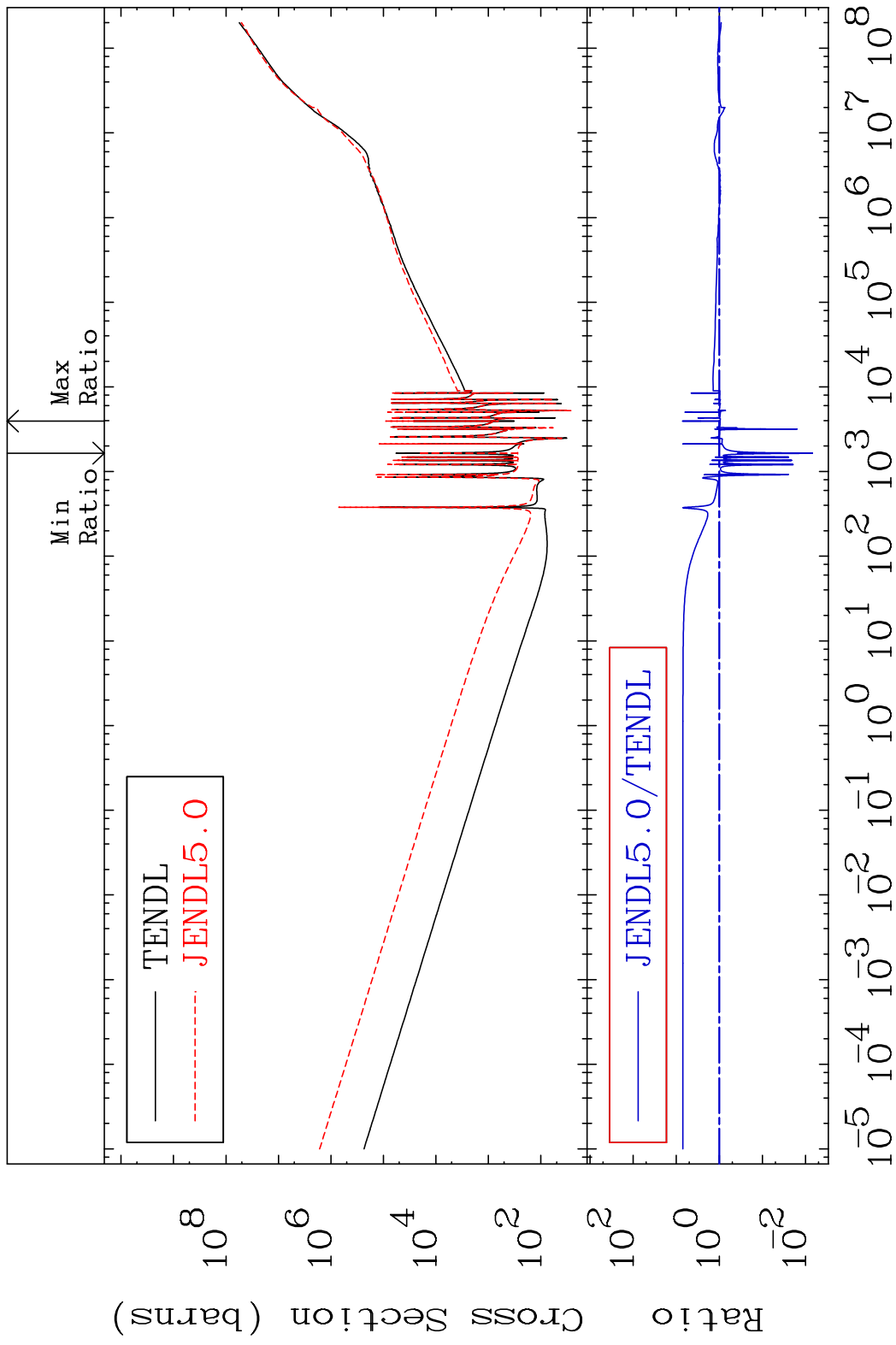
34-Se-76

MAT 3431 Total photon (eV-barns) 34-Se-76
 Cross Section -99.97 To 85.60 %

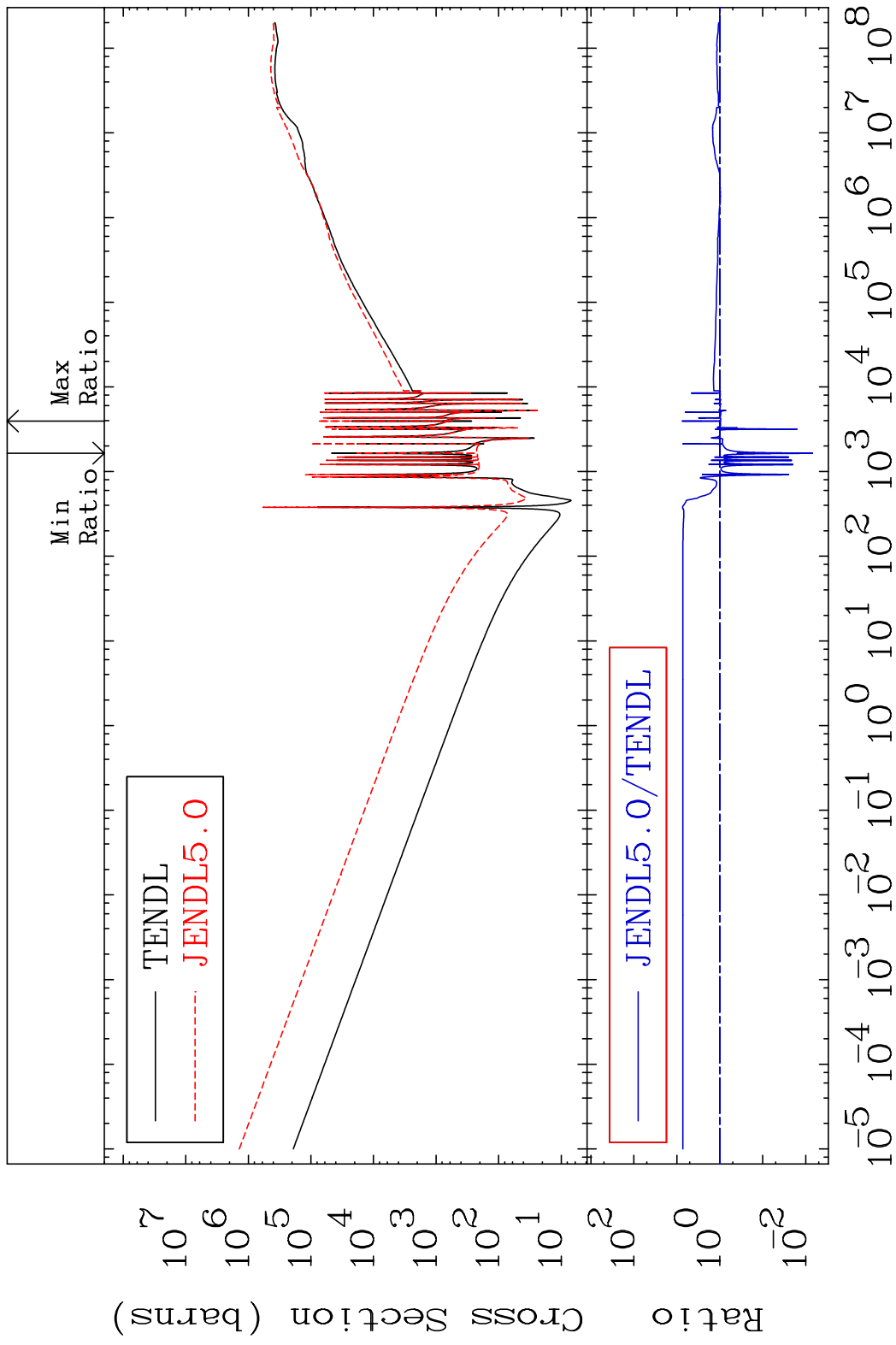


57 Incident Energy (eV) 34-Se-76

MAT 3431 Total kinematic kerma (high limit) 34-Se-76
 Cross Section -99.31 To 621.0 %



MAT 3431 Dpa total (eV-barns) 34-Se-76
 Cross Section -99.31 To 645.1 %

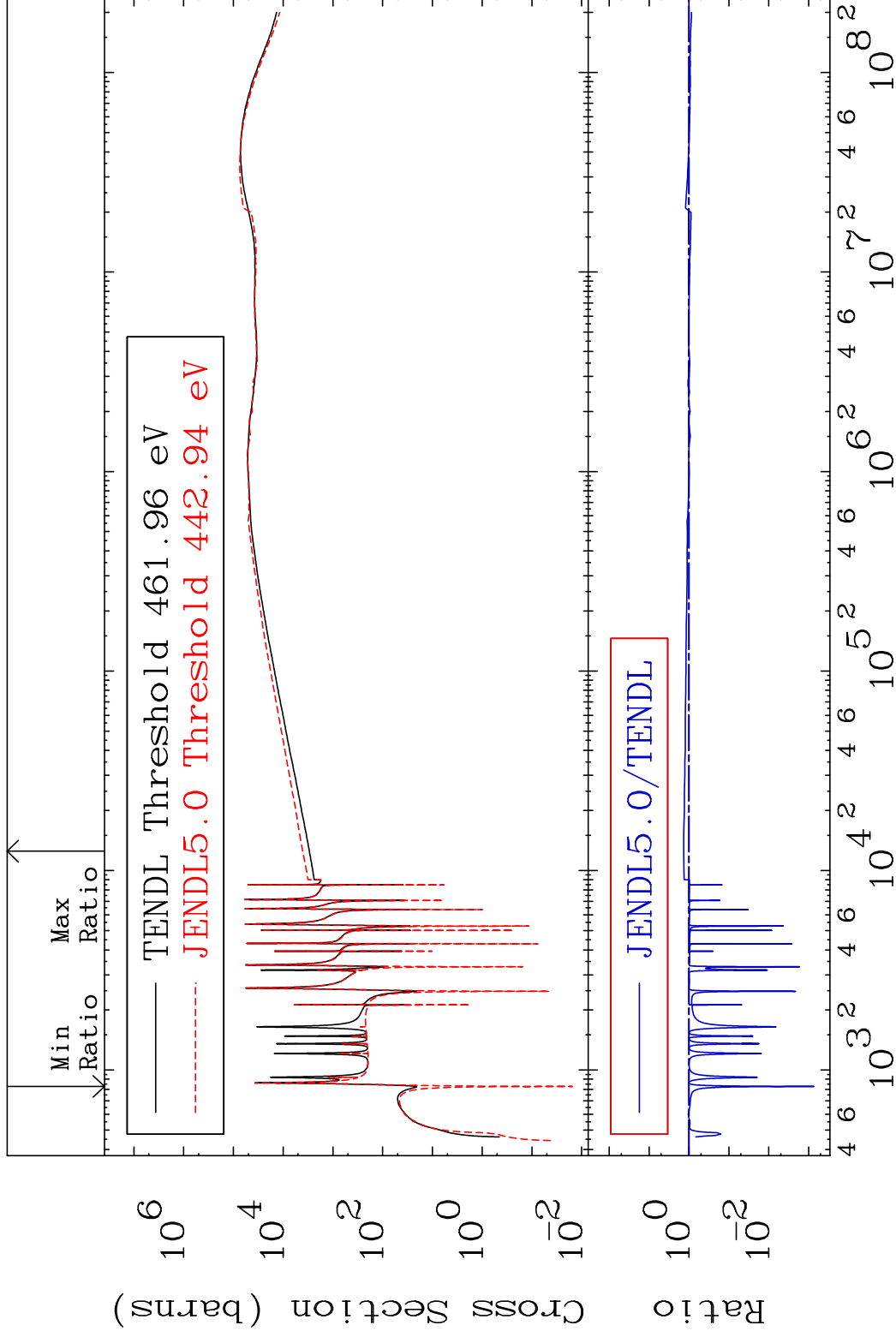


MAT 3431

Dpa elastic (mt2)

34-Se-76

Cross Section -99.93 To 36.29 %

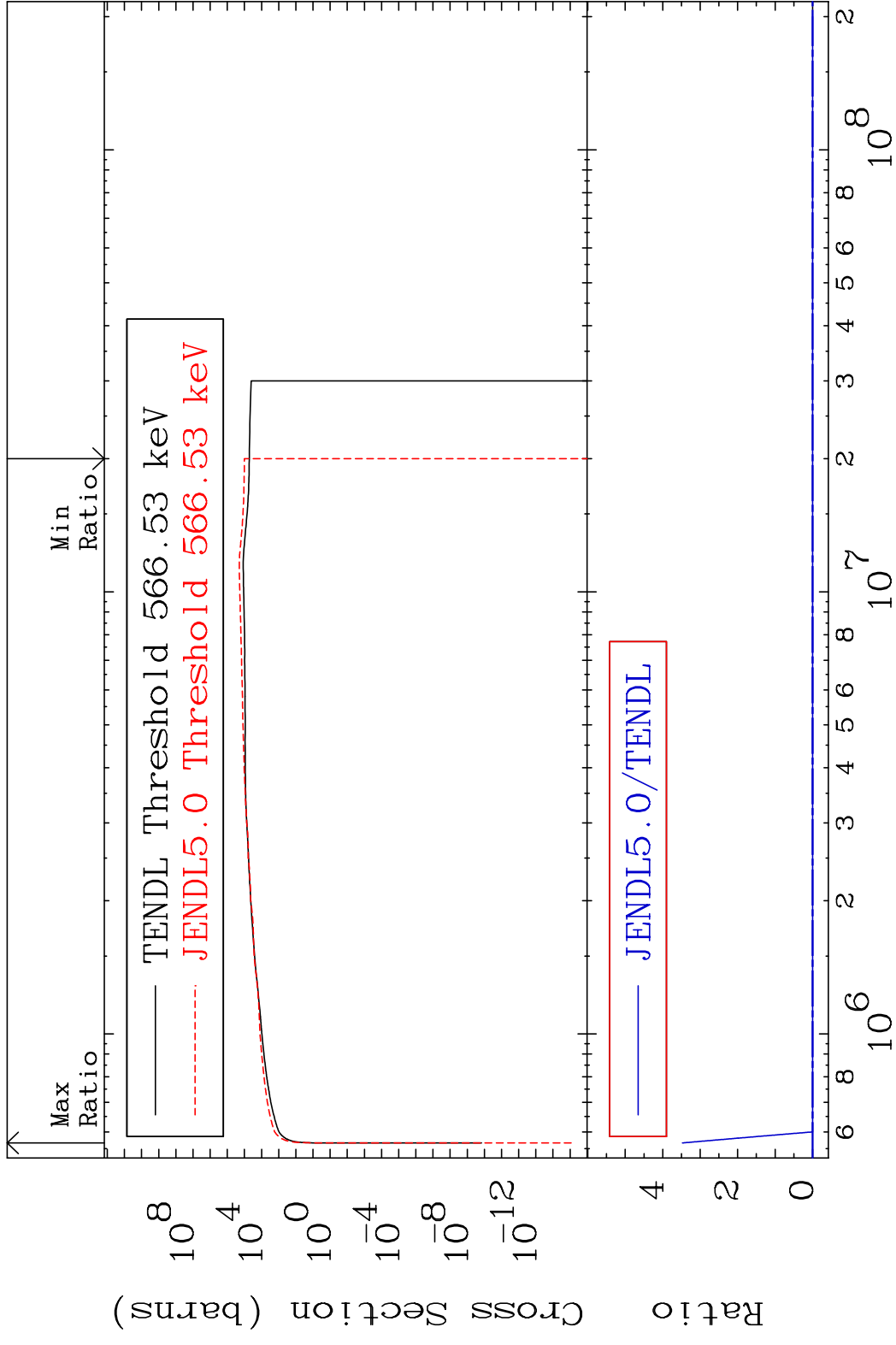


60

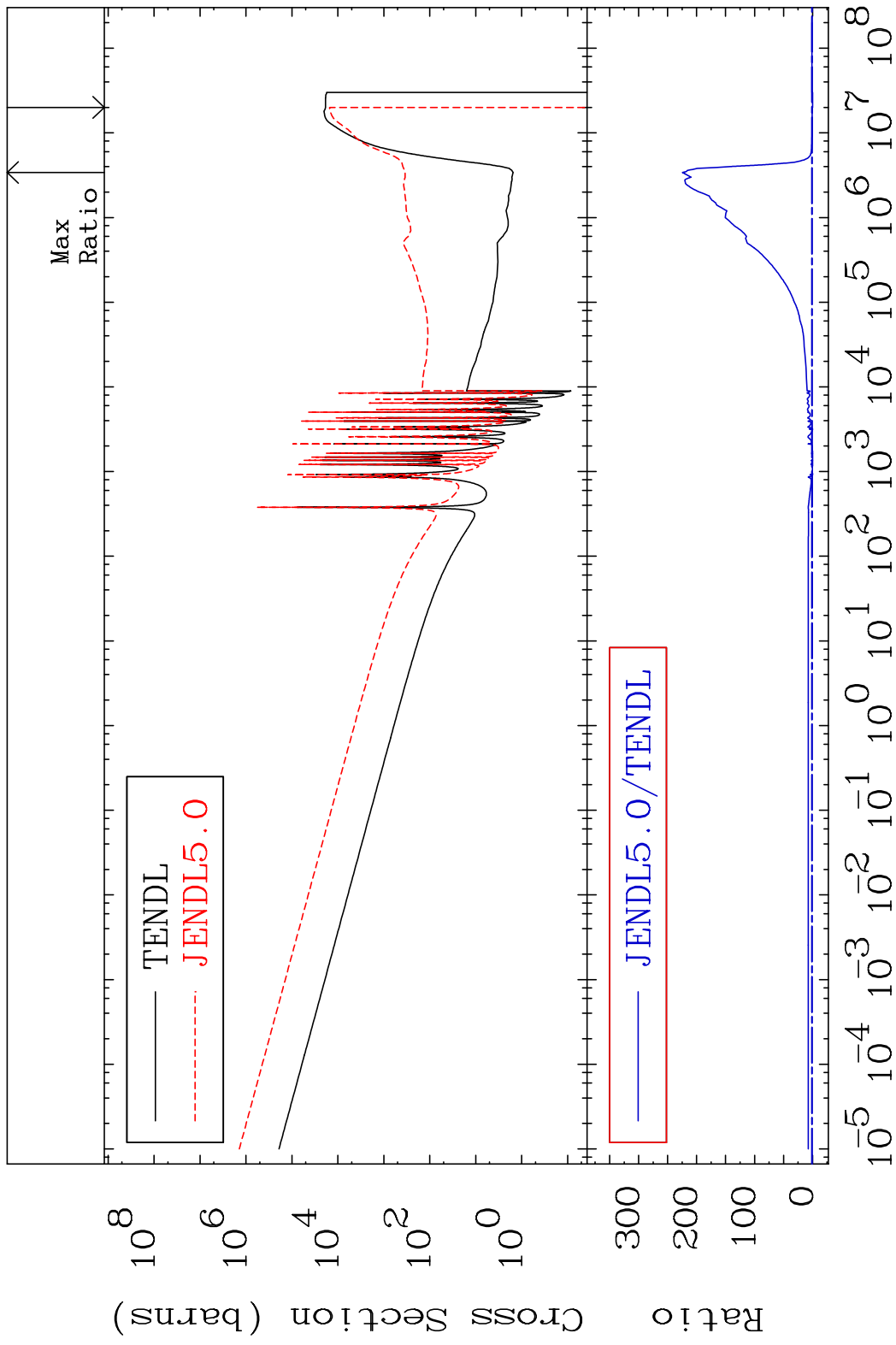
Incident Energy (eV)

34-Se-76

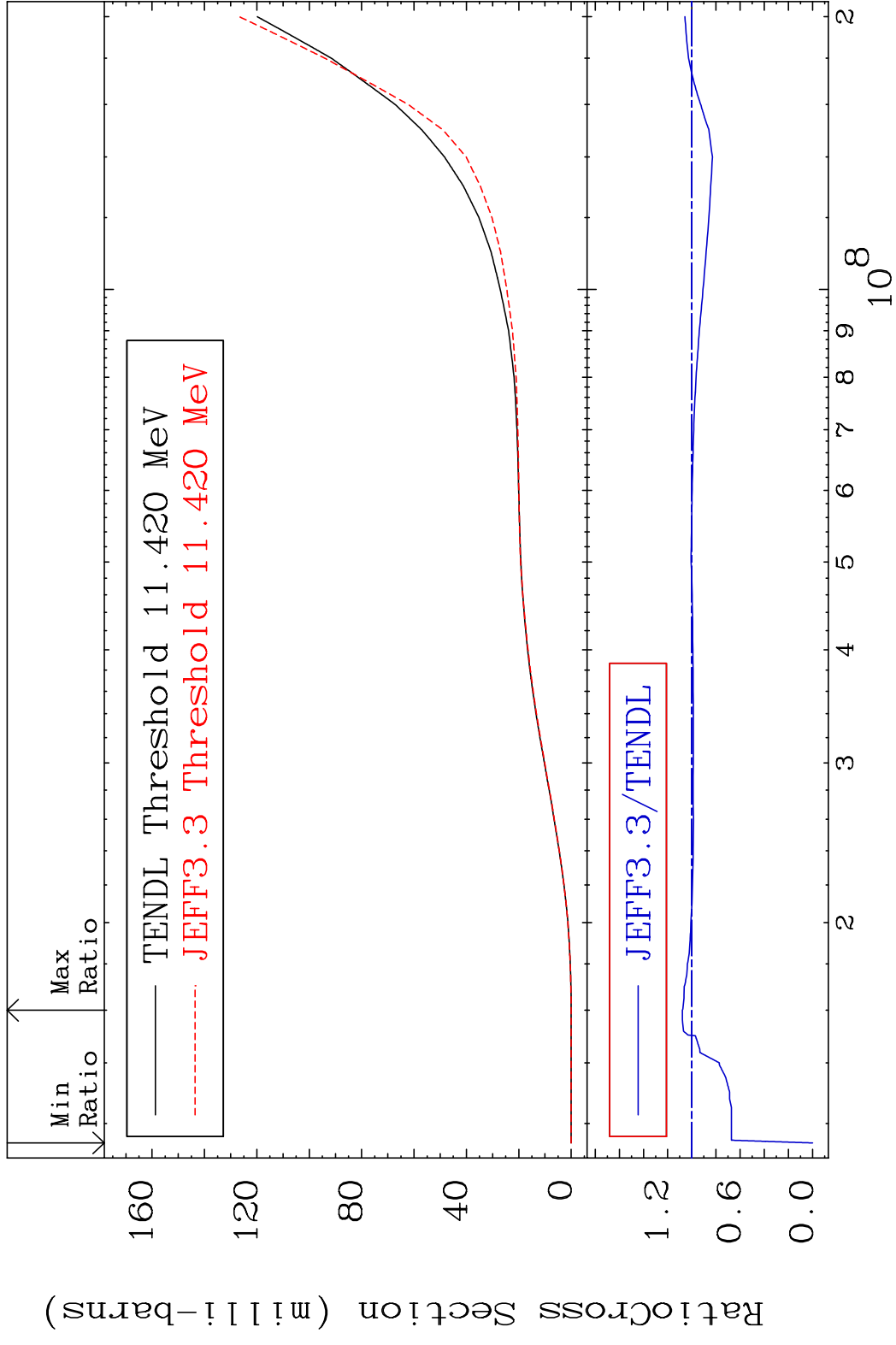
MAT 3431 Dpa inelastic (mt51-91) 34-Se-76
 Cross Section -100.0 To 9999. %



MAT 3431 Dpa disappearance (mt102 -120) 34-Se-76
 Cross Section -100.0 To 9999. %



MAT 3431 Tritium Production 34-Se-76
 Cross Section -100.0 To 7.842 %

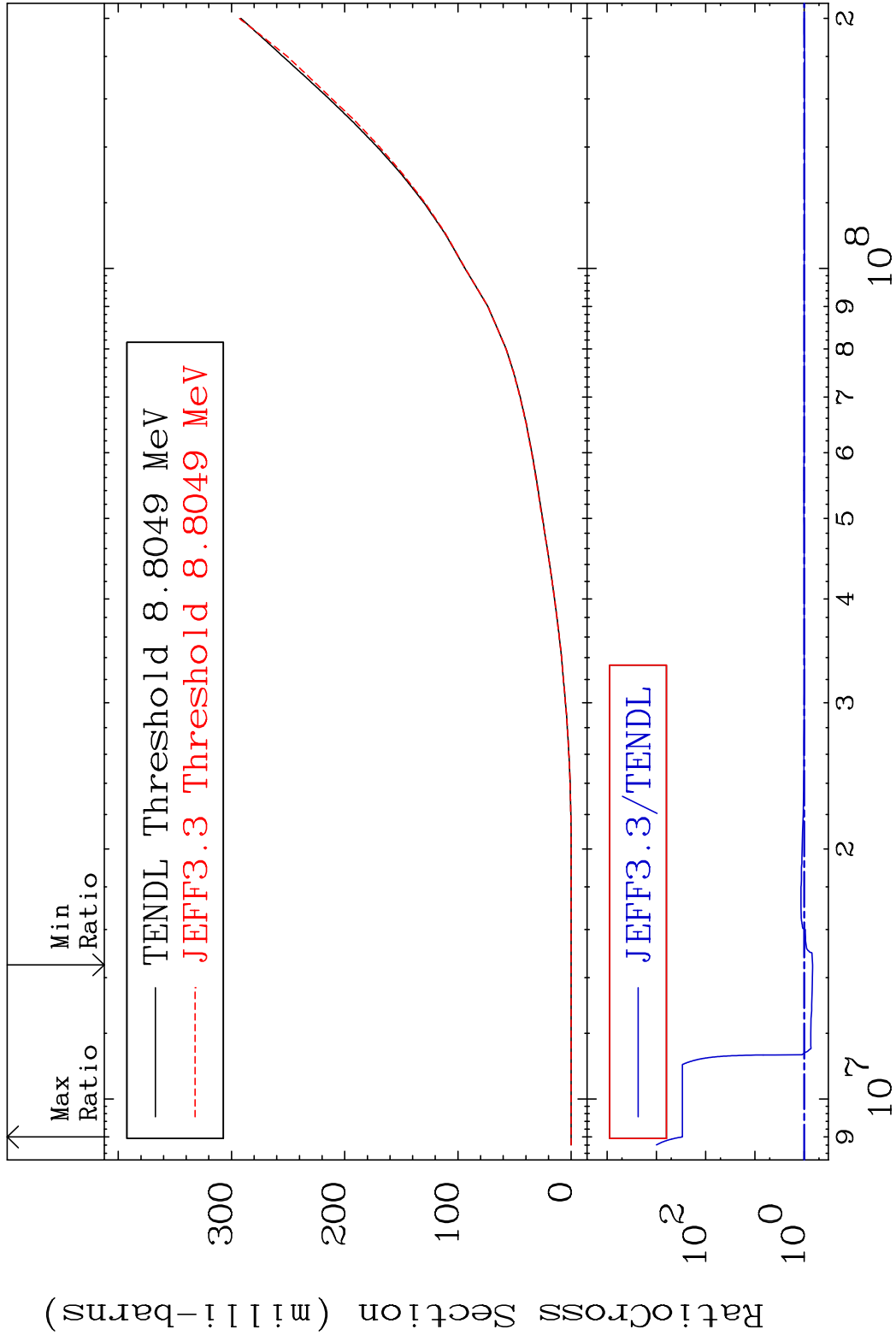


MAT 3431

He-3 Production

34-Se-76

Cross Section -32.26 To 9999. %



64

Incident Energy (eV)

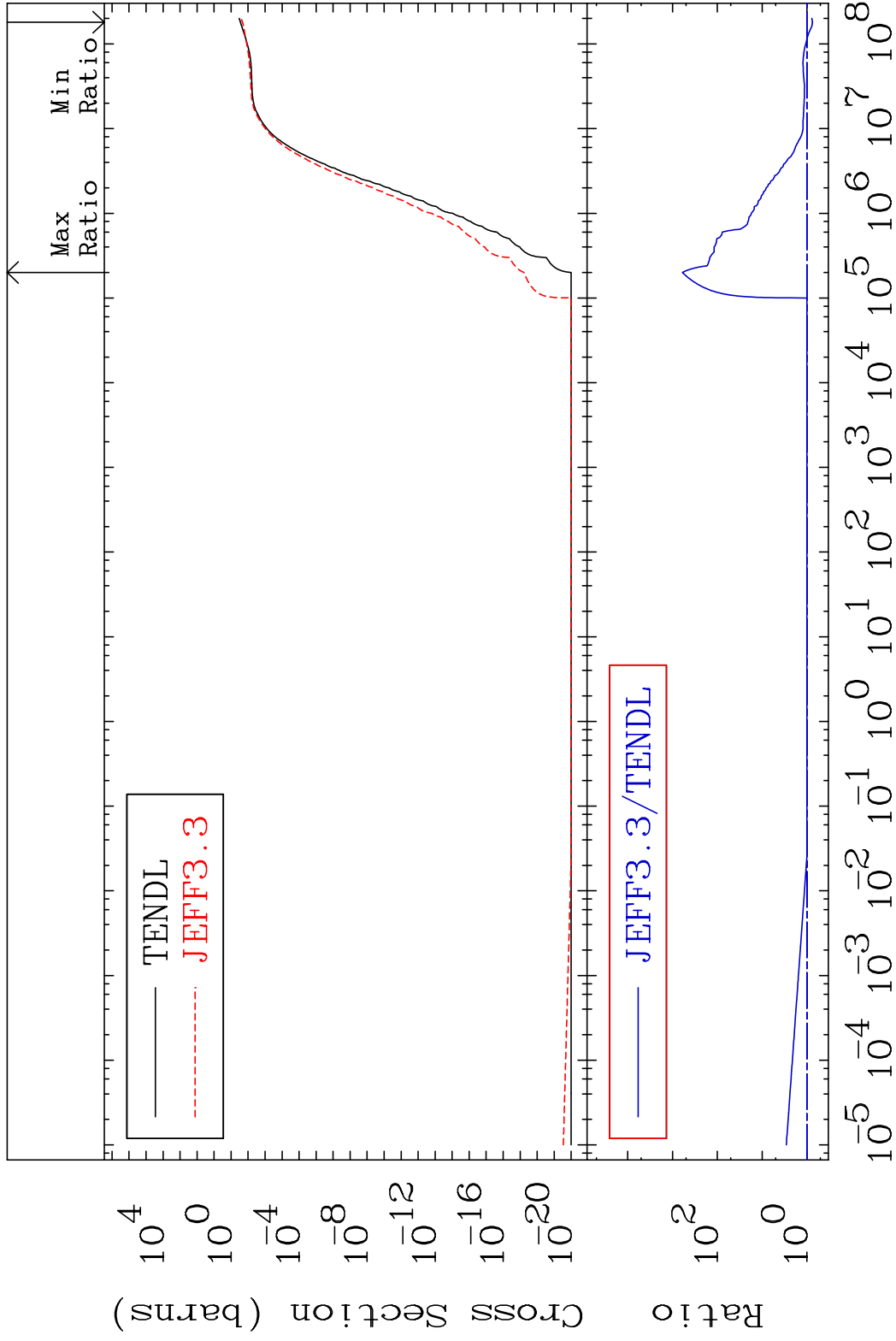
34-Se-76

MAT 3431

He-4 Production

34-Se-76

Cross Section -25.05 To 9999. %

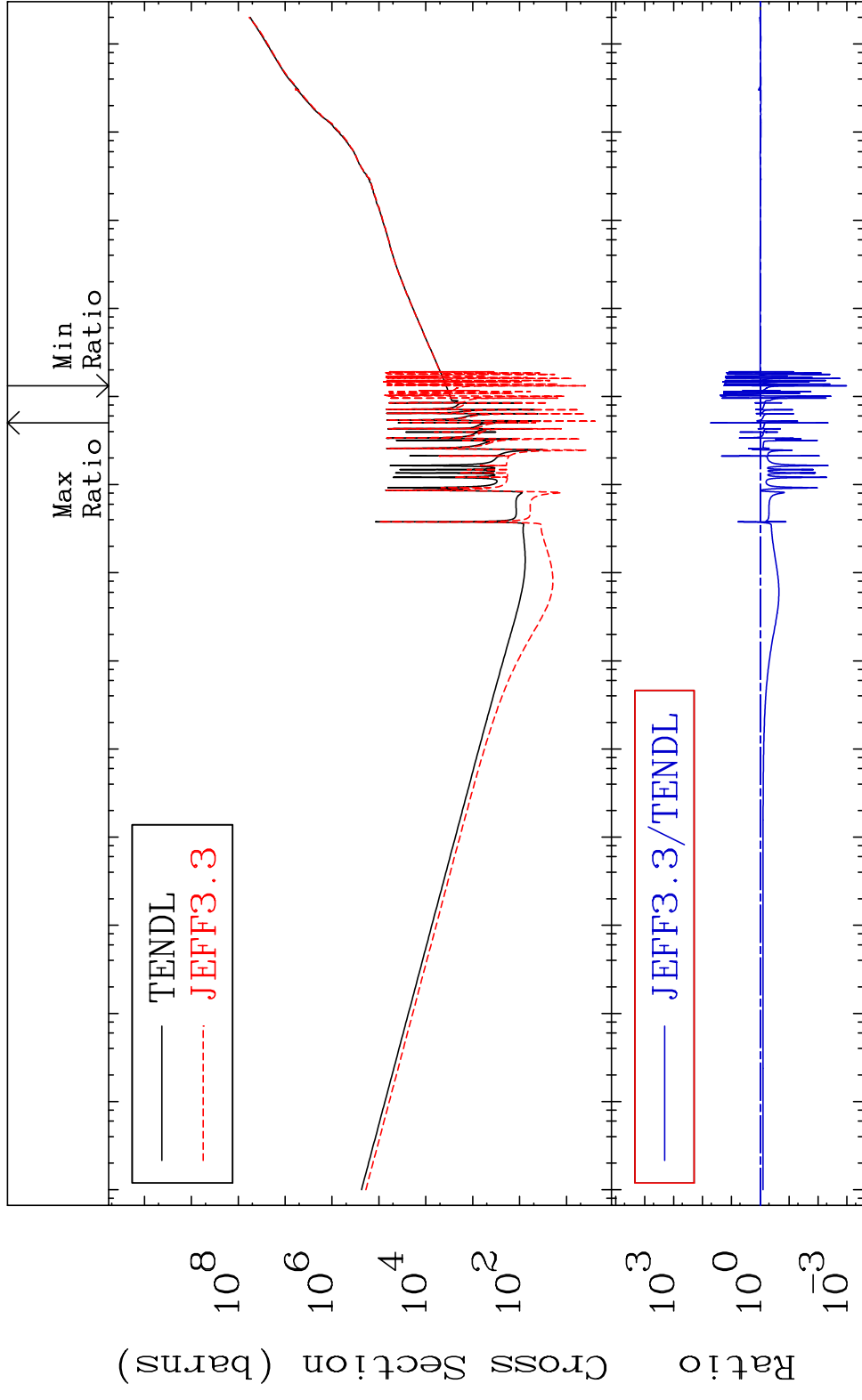


65

Incident Energy (eV)

34-Se-76

MAT 3431 Kerma total (eV-barns) 34-Se-76
 Cross Section -99.89 To 5090. %



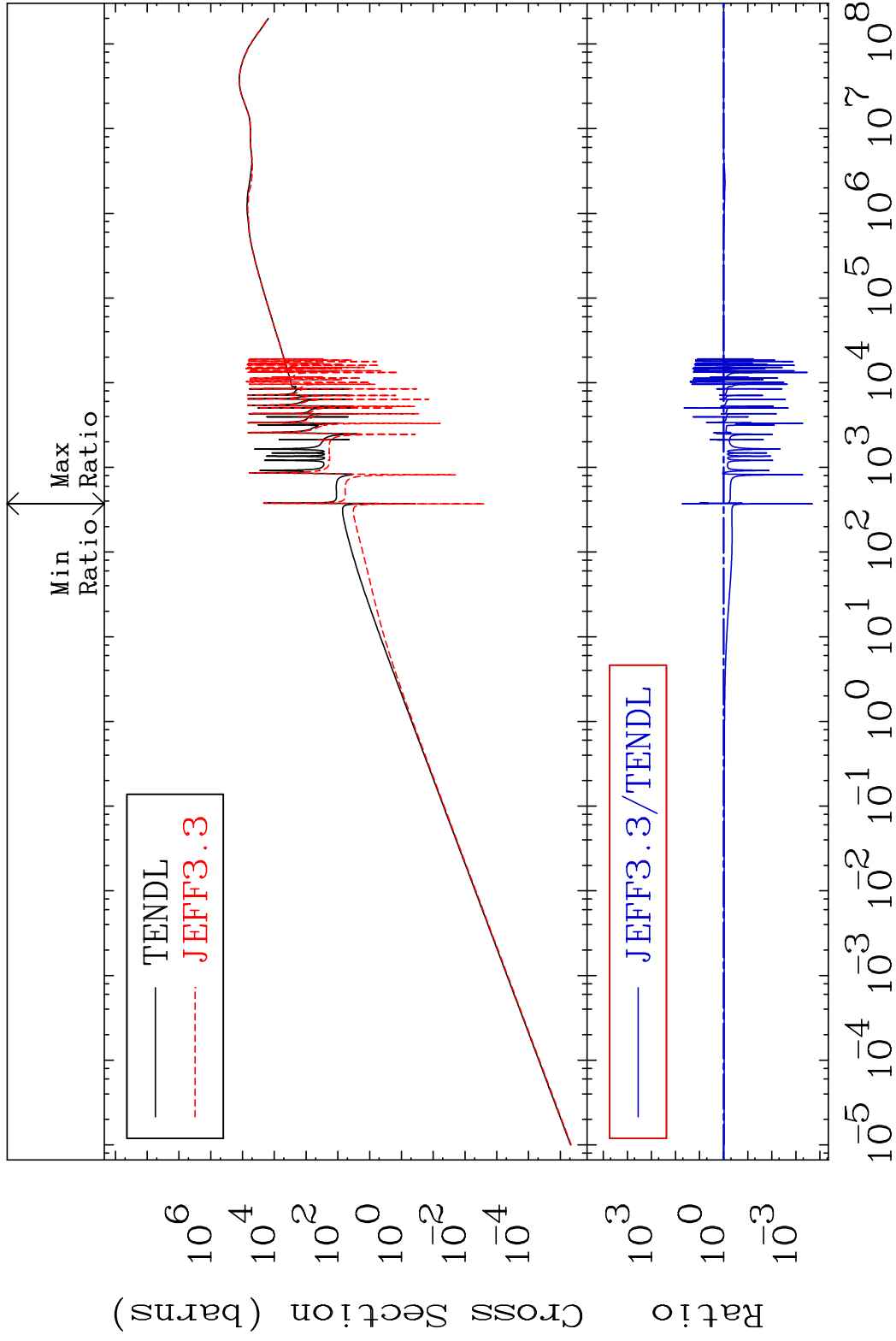
66 Incident Energy (eV) 34-Se-76

MAT 3431

Kerma elastic
Cross Section

34-Se-76

-99.98 To 5099. %

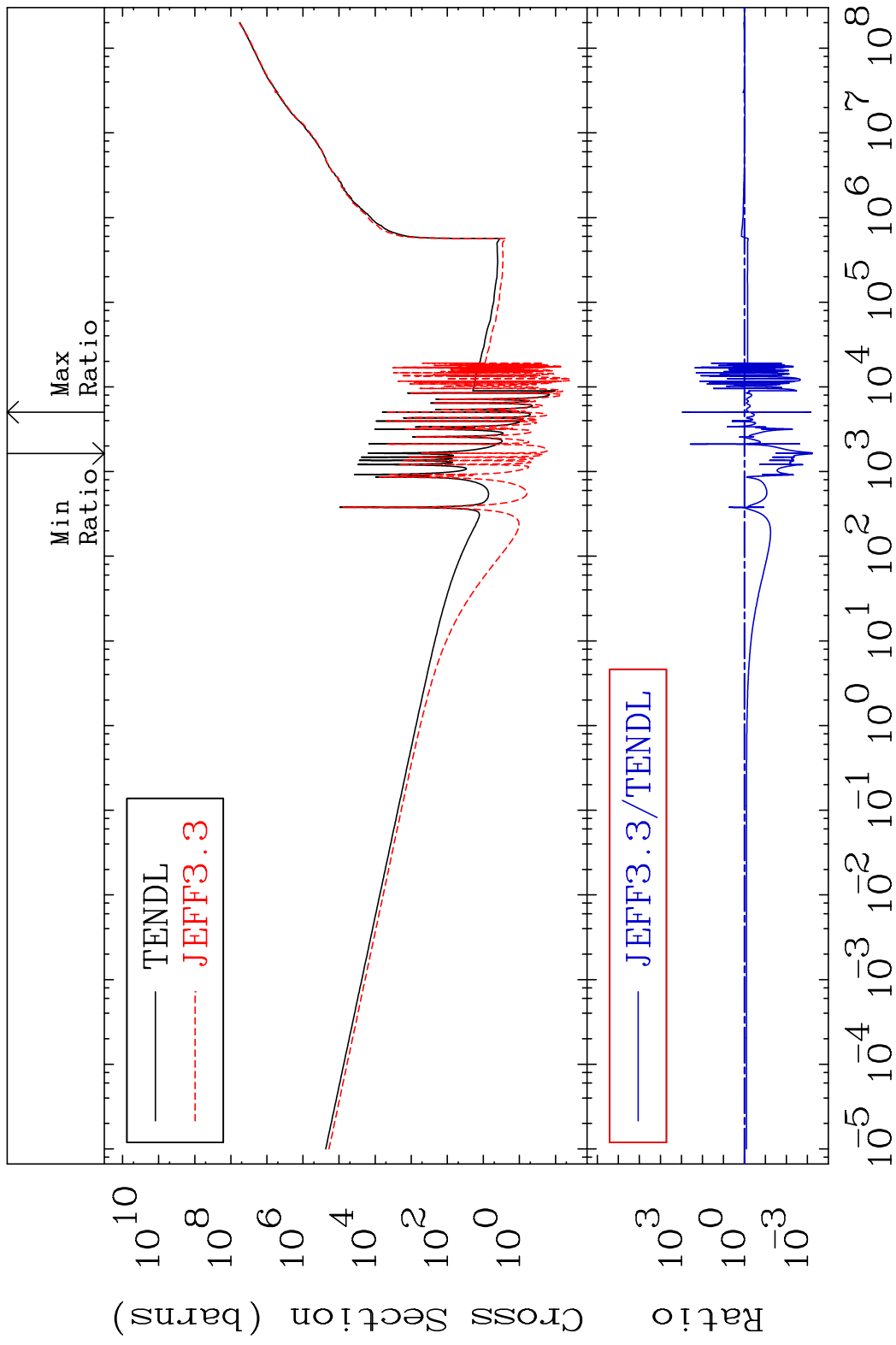


67

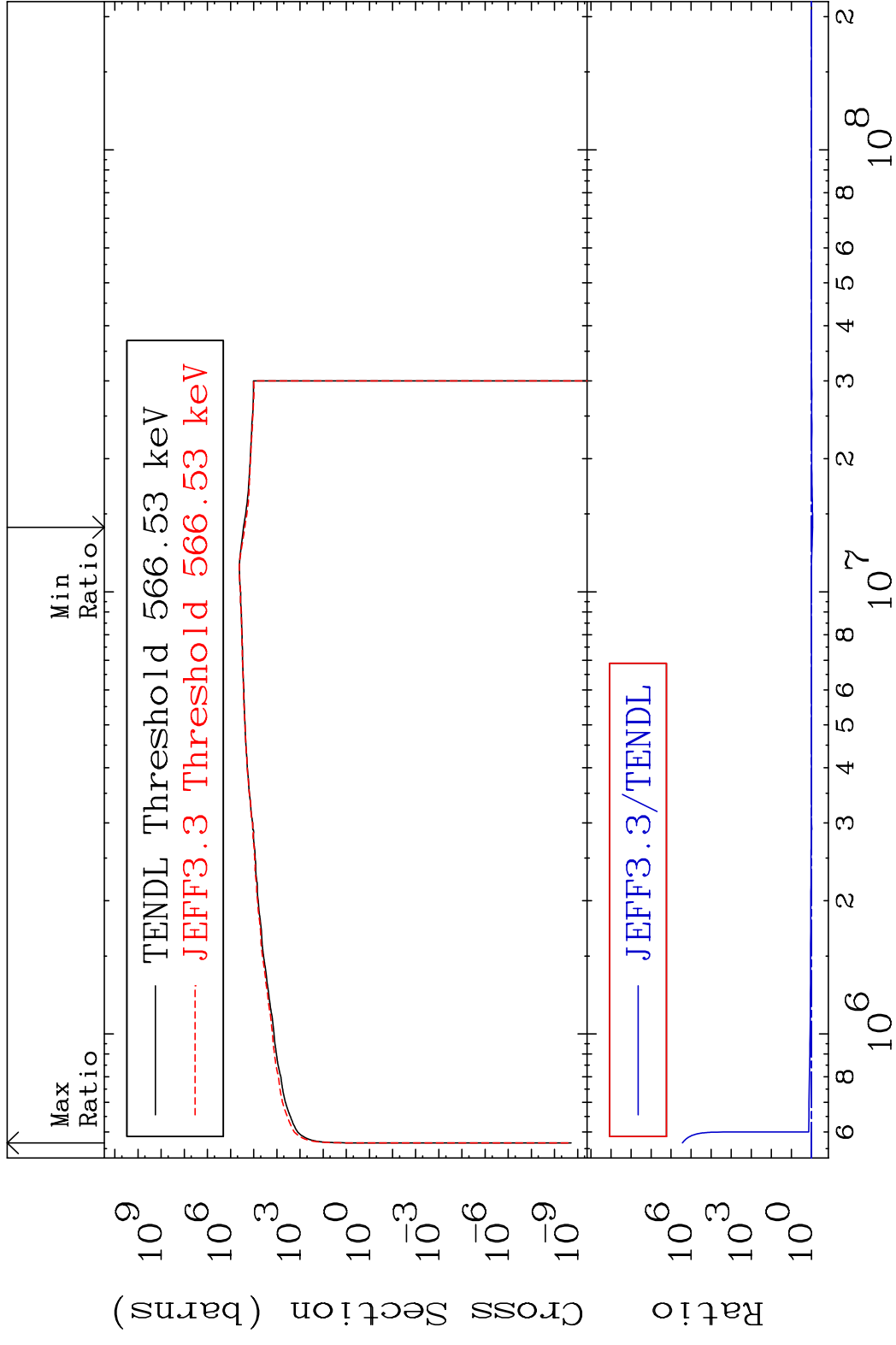
Incident Energy (eV)

34-Se-76

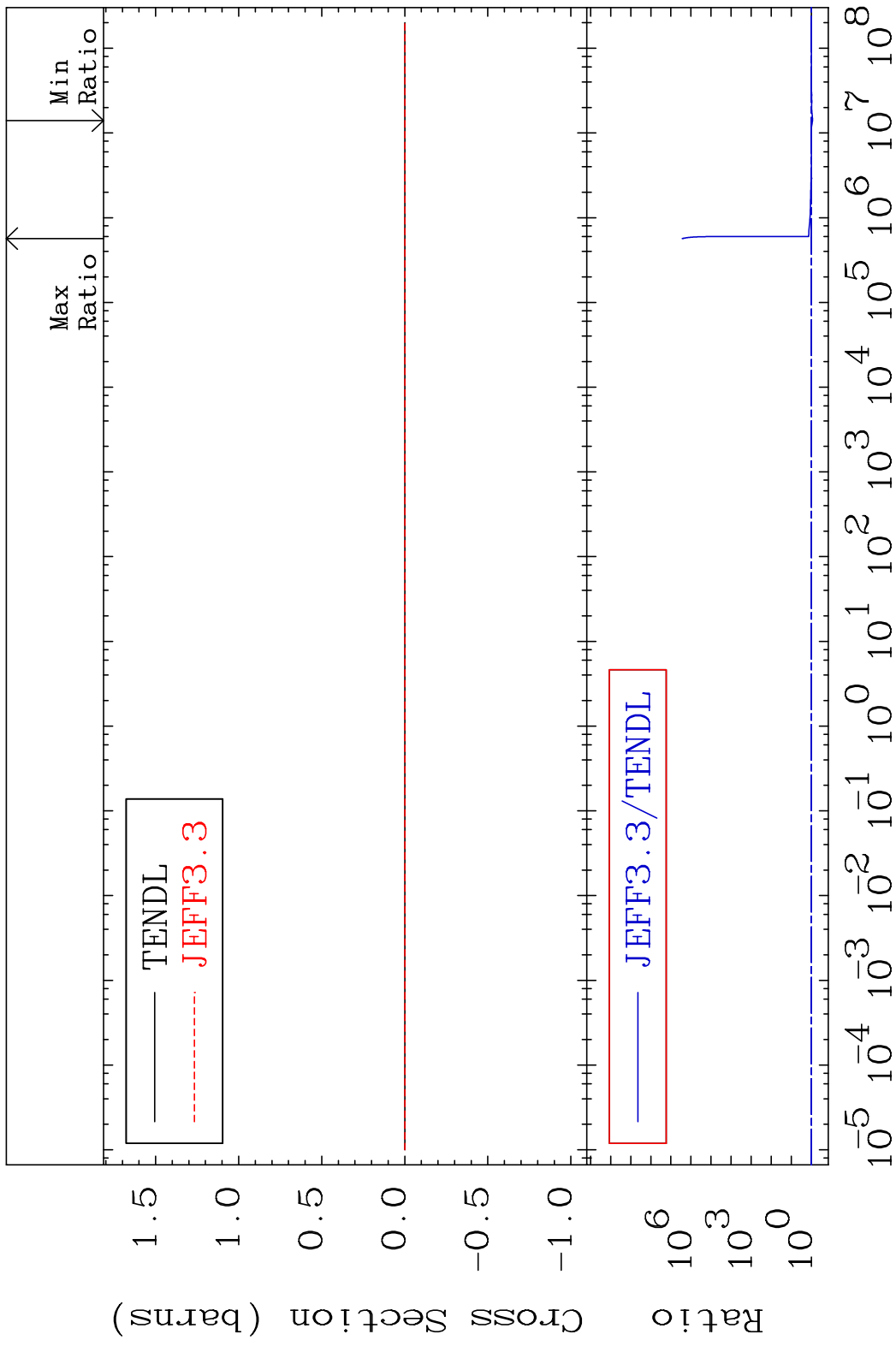
MAT 3431 Kerma non-elastic (all but mt2) 34-Se-76
 Cross Section -99.94 To 9999. %



MAT 3431 Kerma inelastic (mt51-91) 34-Se-76
 Cross Section -11.56 To 9999. %



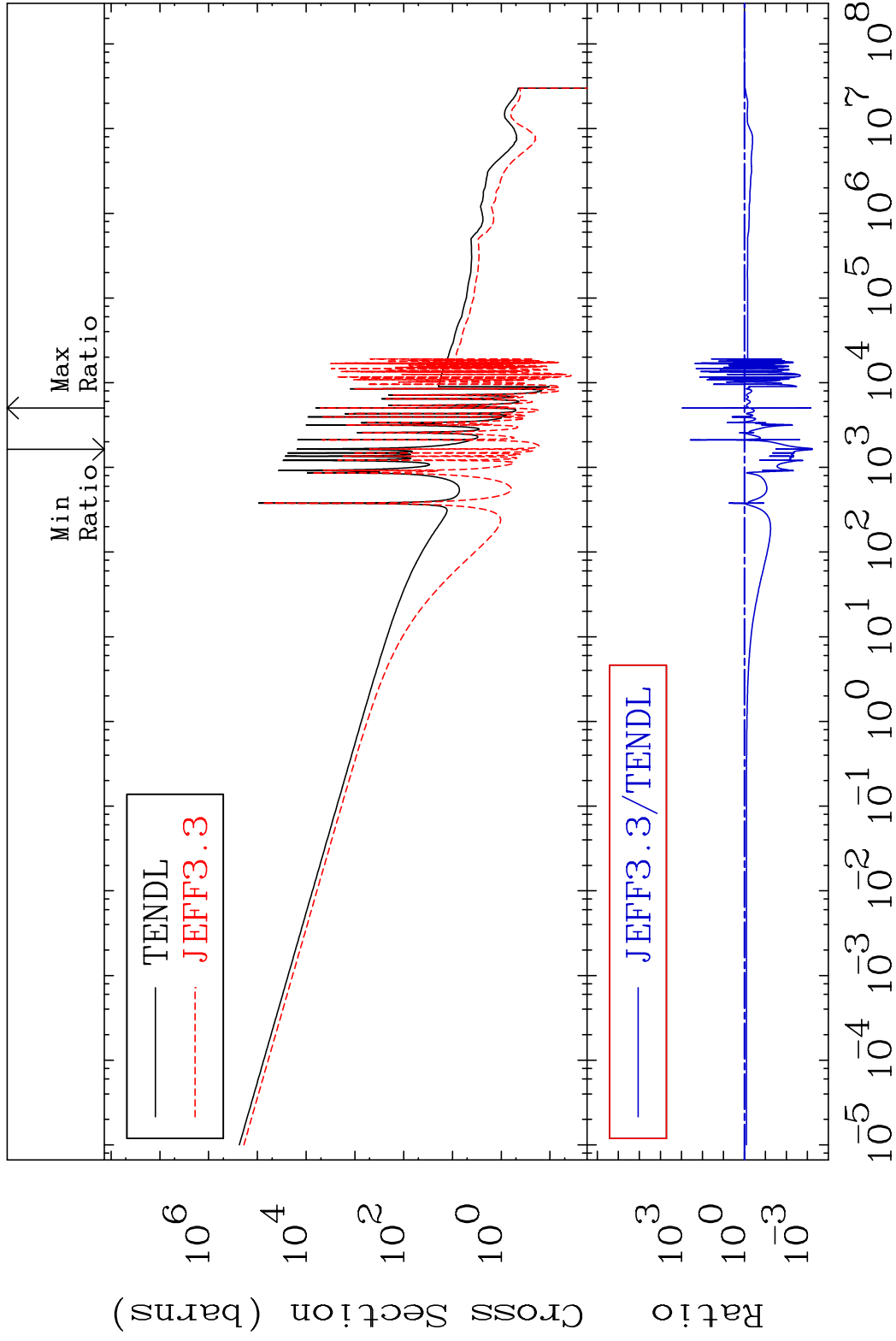
MAT 3431 Kerma fission (mt18 or mt19-20-21-38) 34-Se-76
 Cross Section -11.56 To 9999. %



MAT 3431

Kerma capture (mt102) 34-Se-76

Cross Section -99.94 To 9999. %



71

Incident Energy (eV)

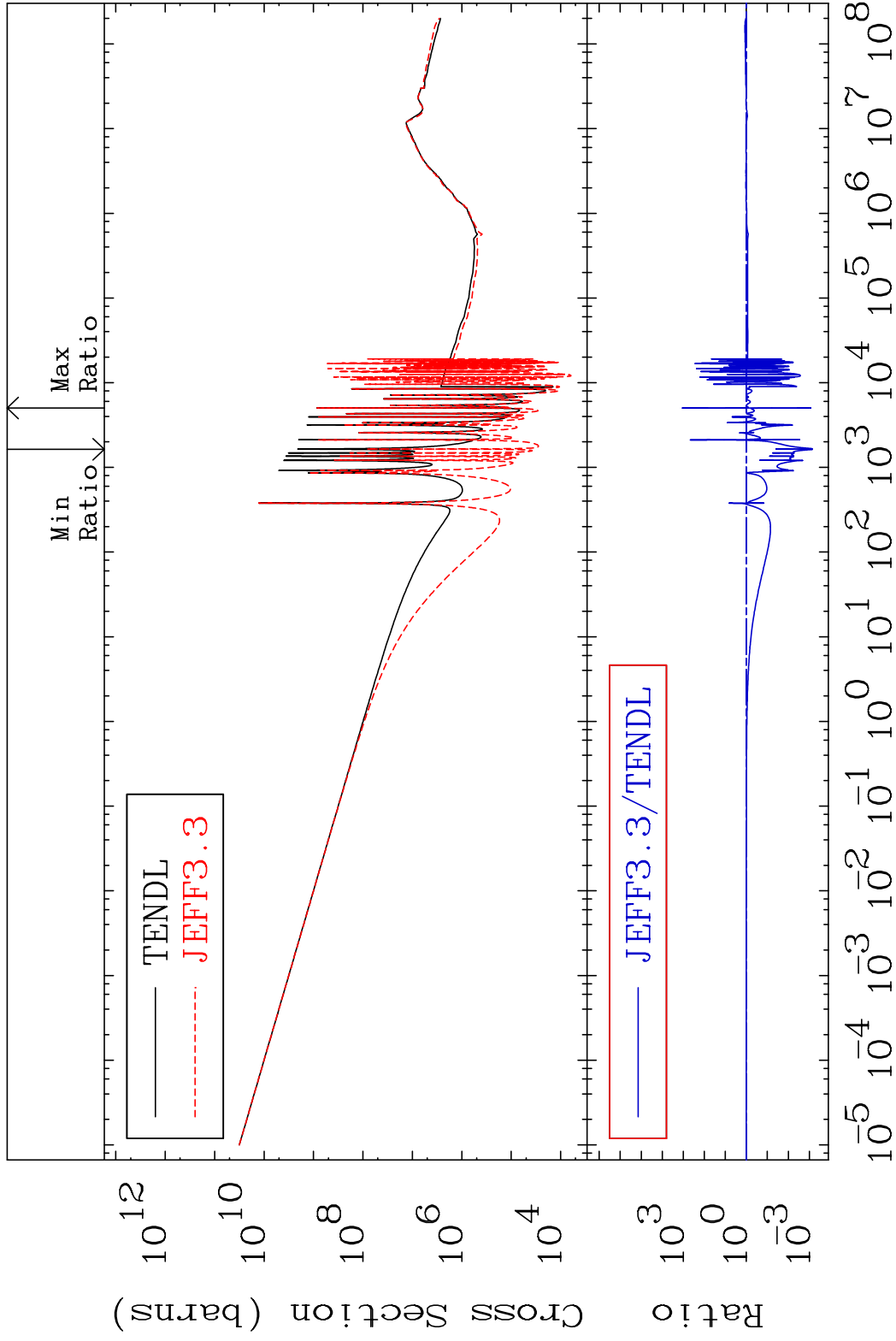
34-Se-76

MAT 3431

Total photon (eV-barns)

34-Se-76

Cross Section -99.93 To 9999. %

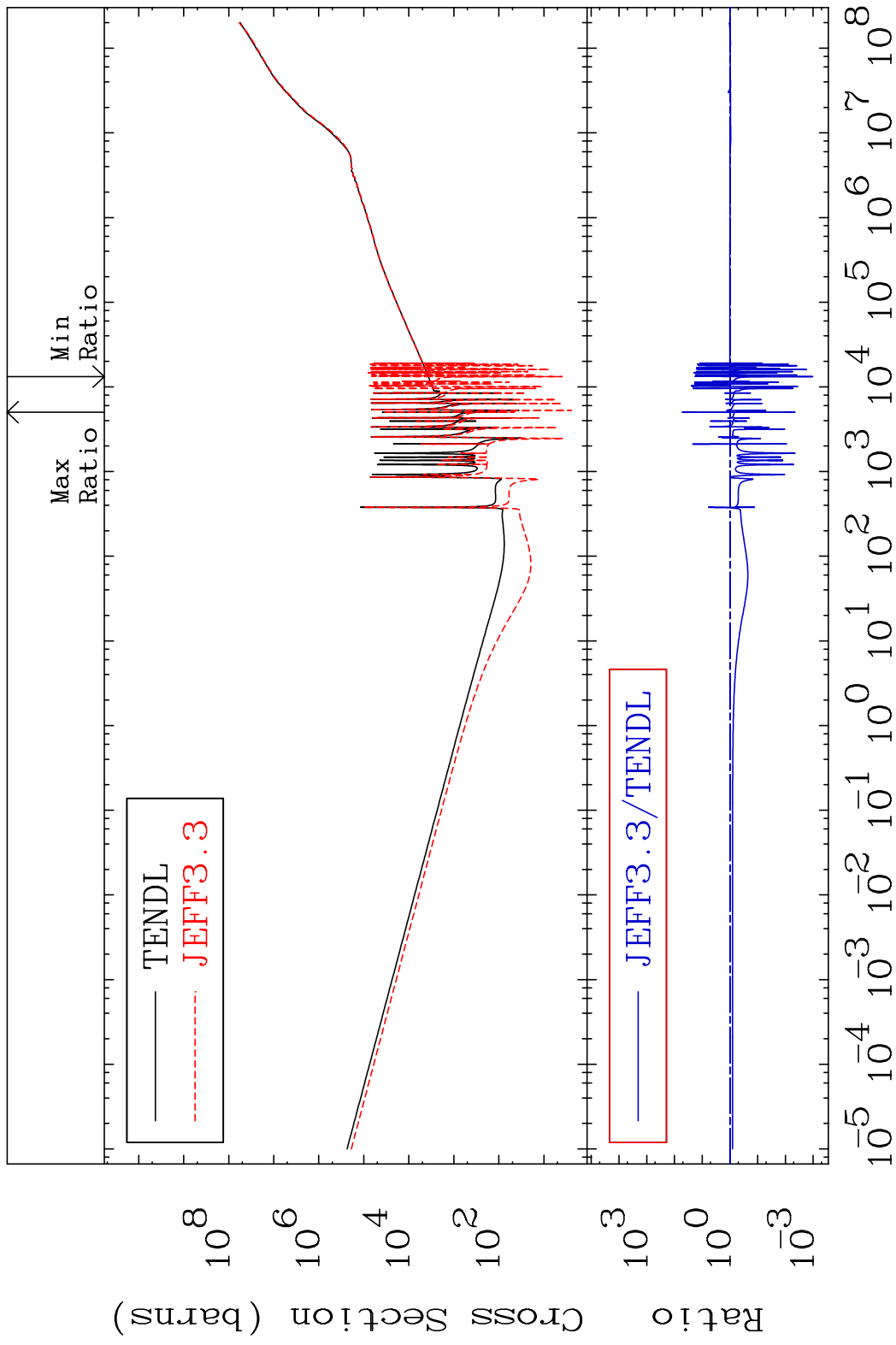


72

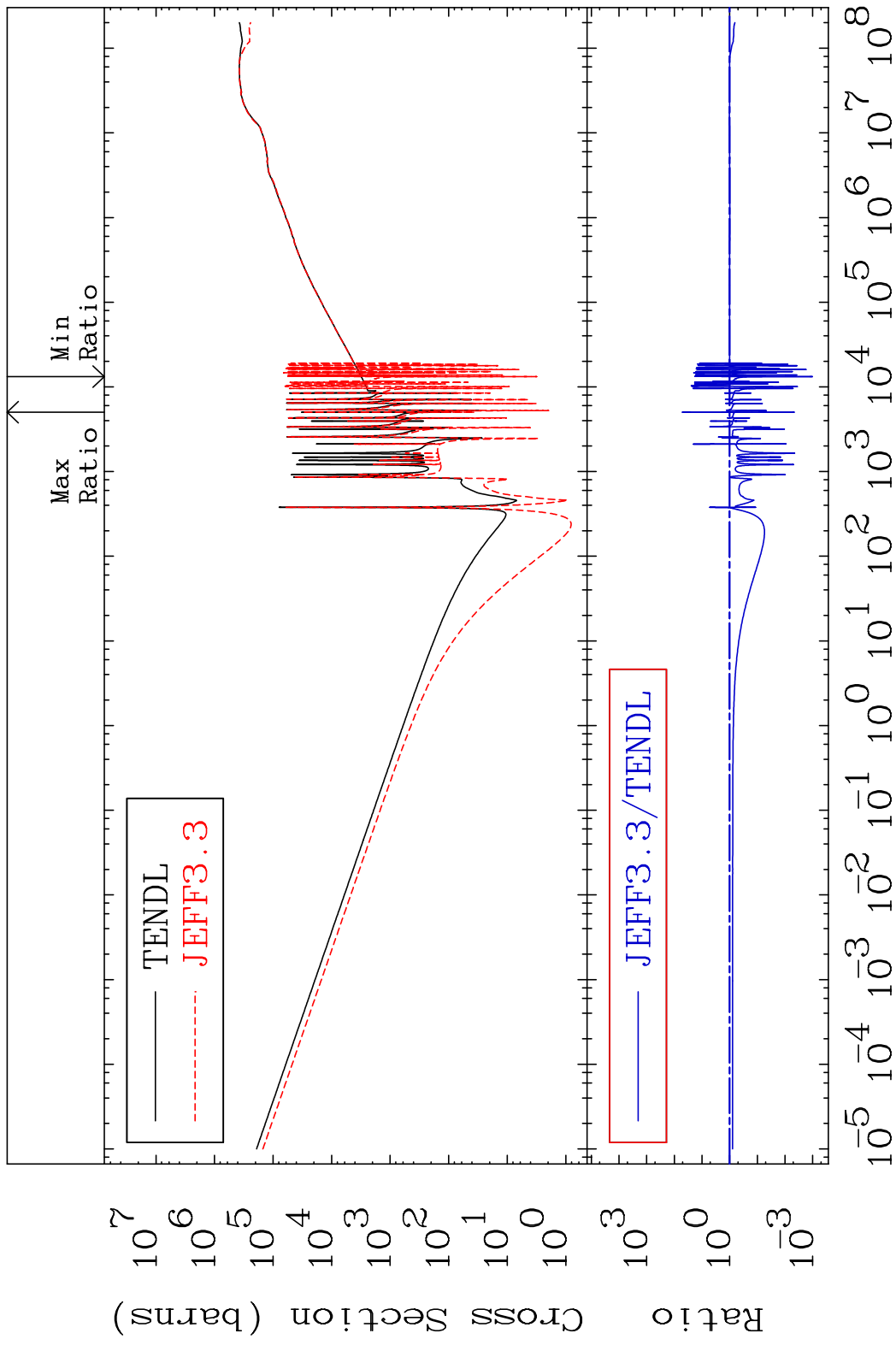
Incident Energy (eV)

34-Se-76

MAT 3431 Total kinematic kerma (high limit) 34-Se-76
 Cross Section -99.89 To 5090. %



MAT 3431 Dpa total (eV-barns) 34-Se-76
 Cross Section -99.90 To 5033. %

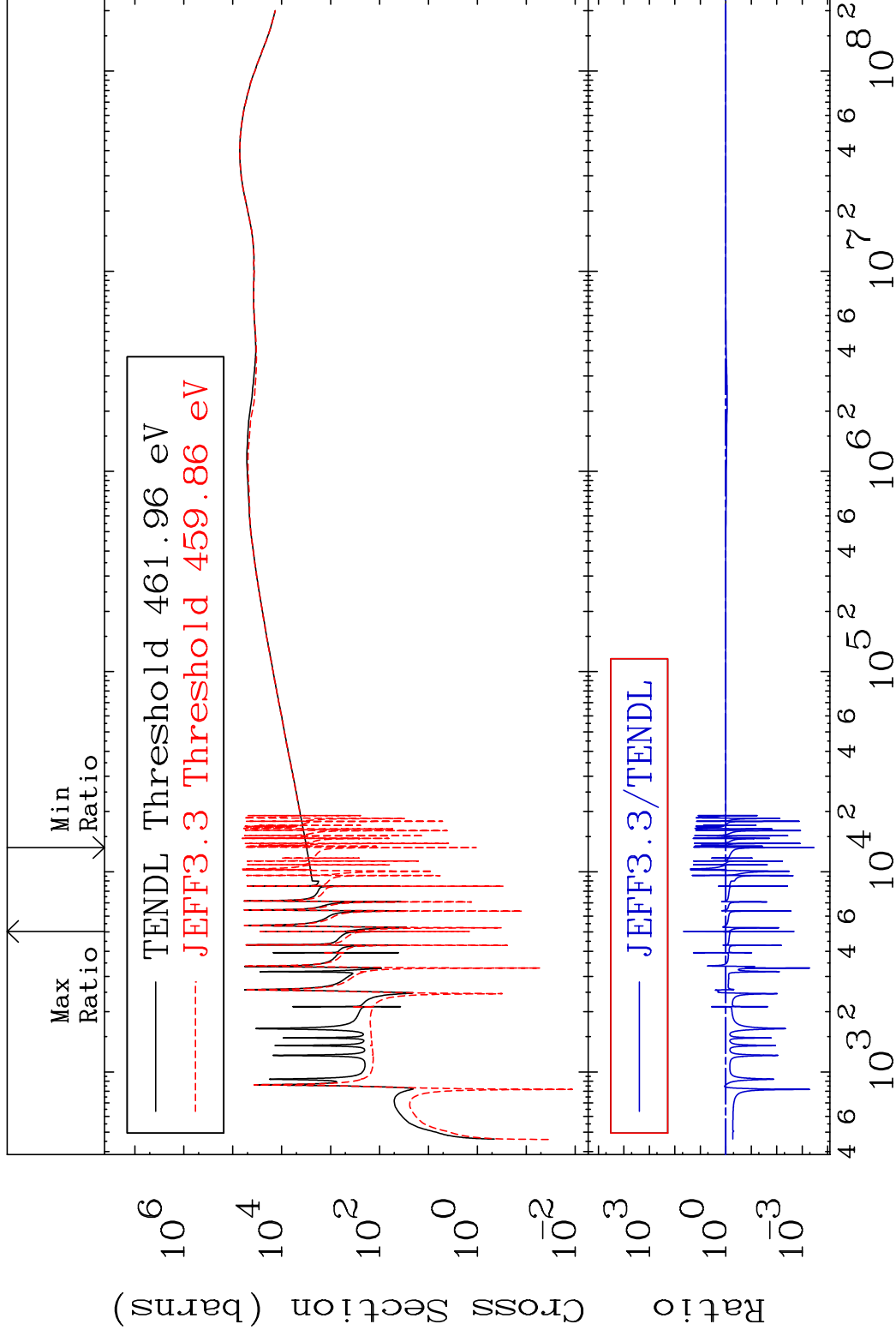


MAT 3431

Dpa elastic (mt2)

34-Se-76

Cross Section -99.97 To 4418. %



75

Incident Energy (eV)

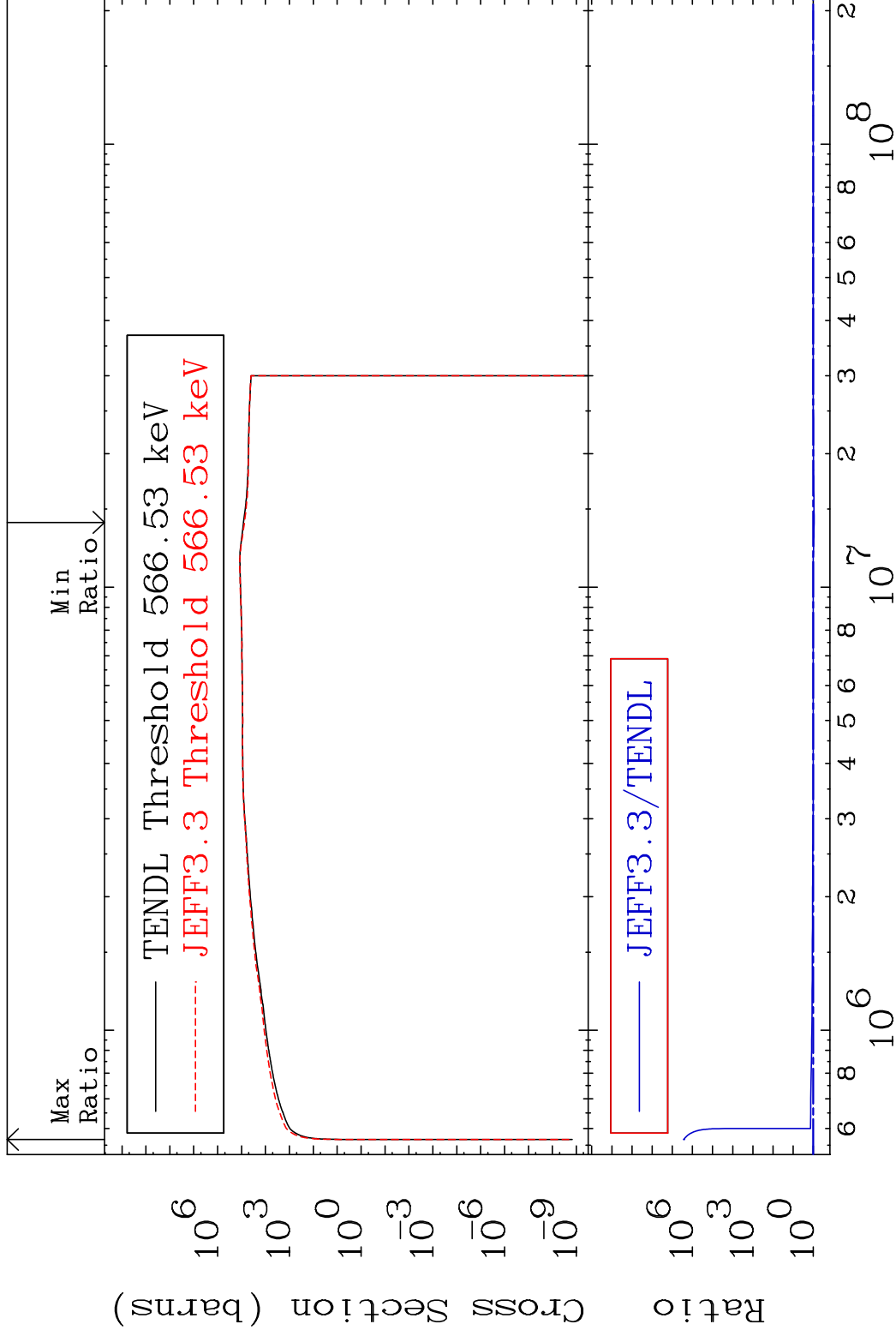
34-Se-76

MAT 3431

Dpa inelastic (mt51-91)

34-Se-76

Cross Section -9.037 To 9999. %

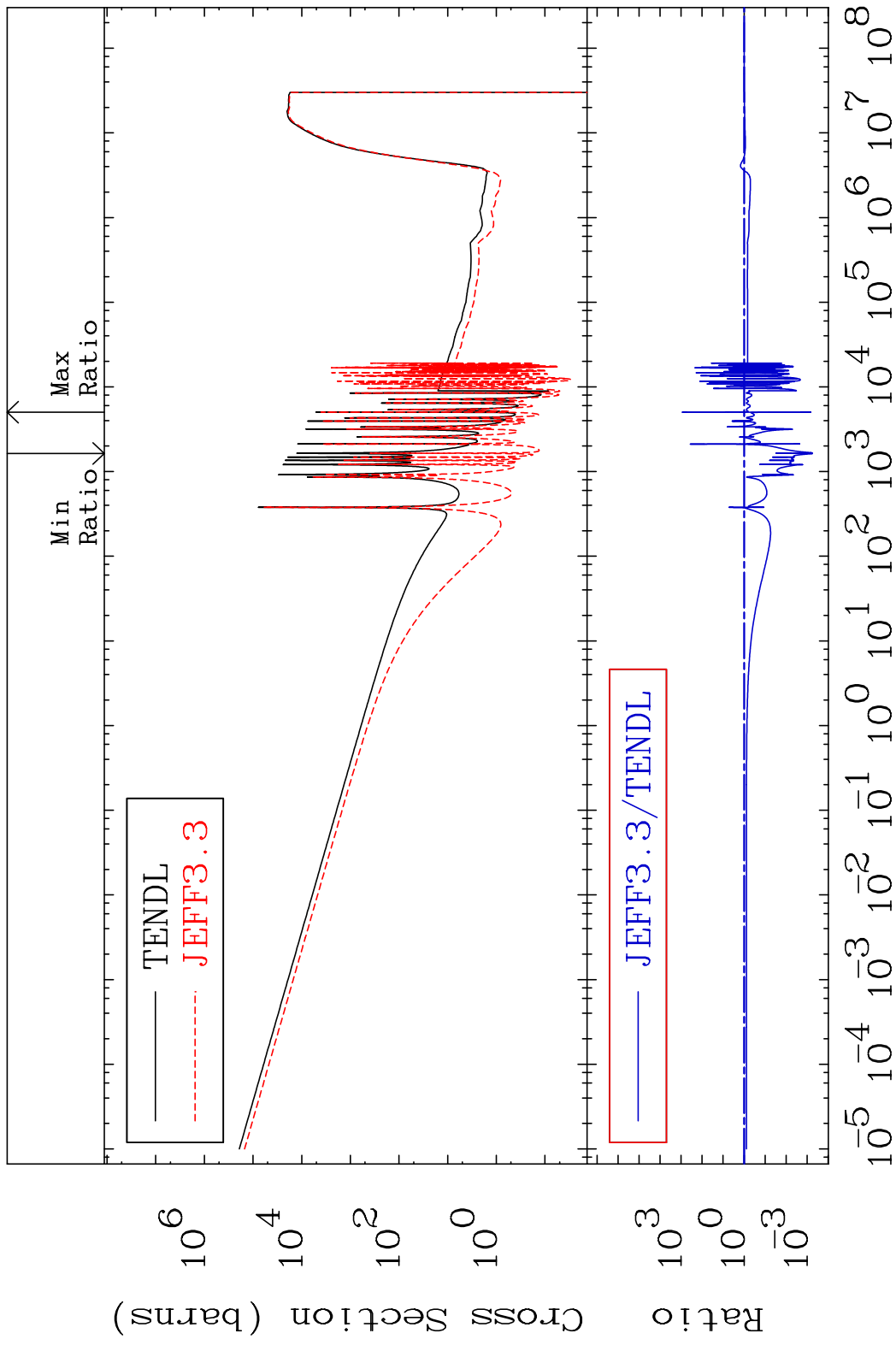


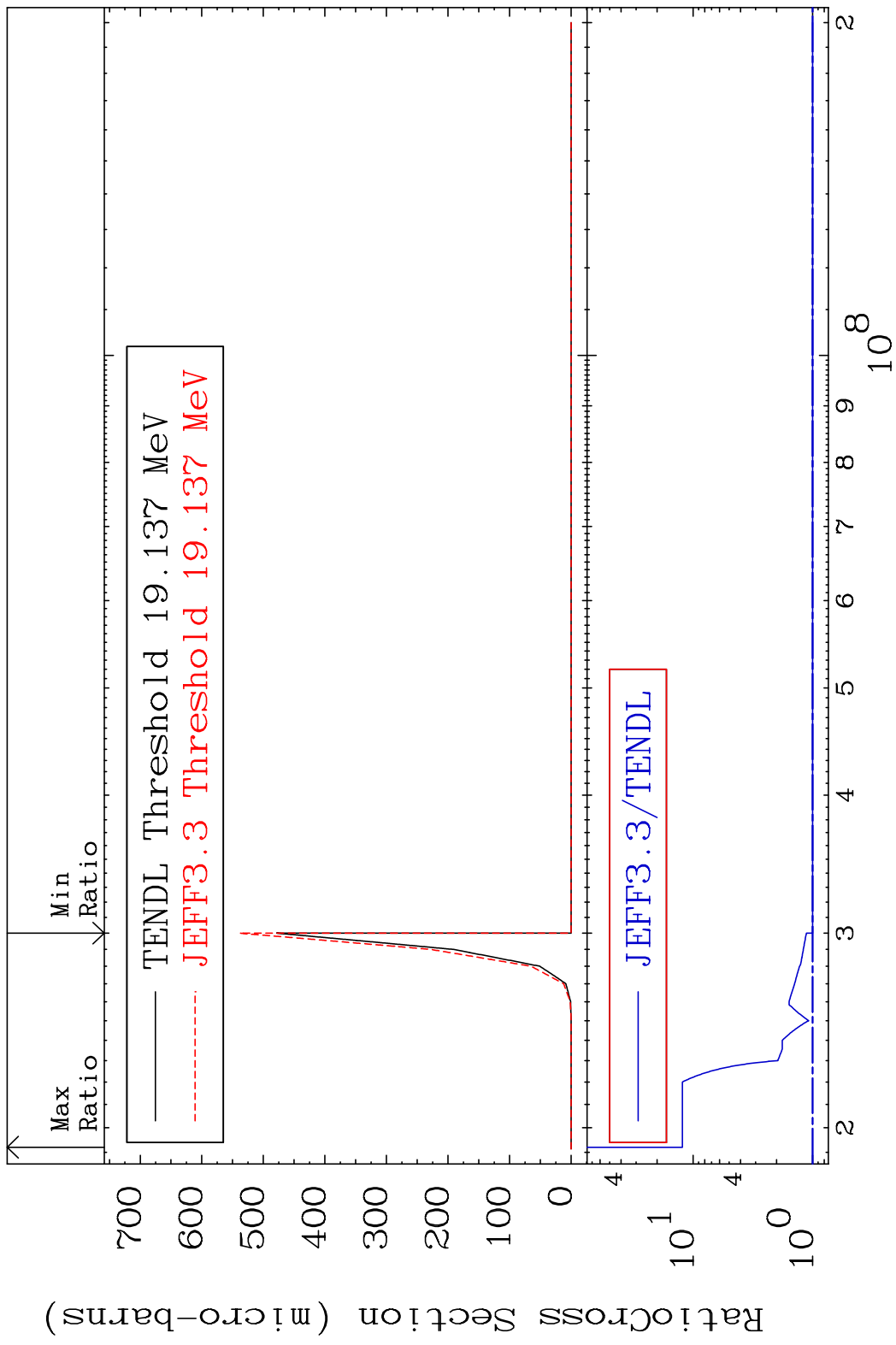
76

Incident Energy (eV)

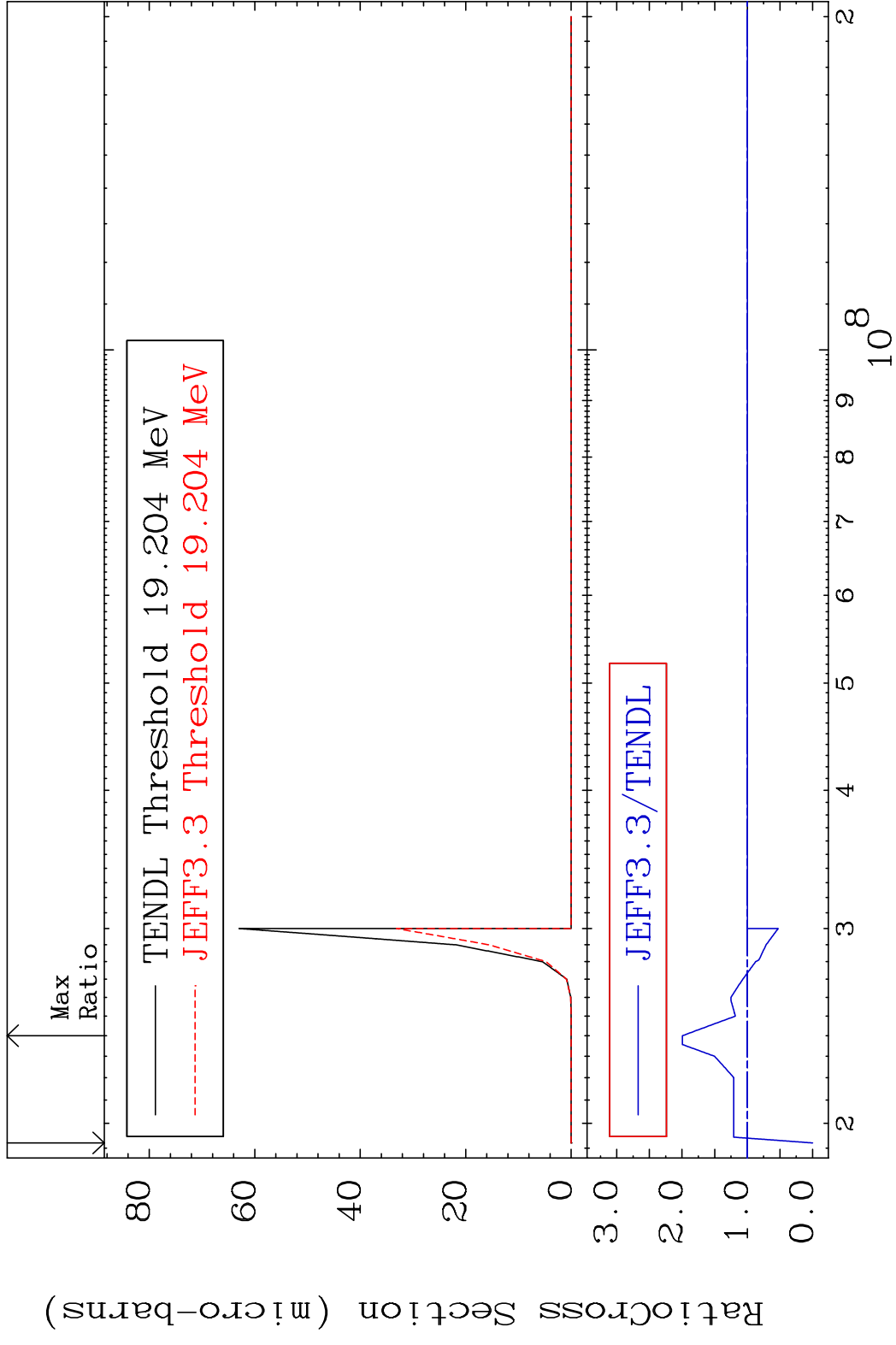
34-Se-76

MAT 3431 Dpa disappearance (mt102 -120) 34-Se-76
 Cross Section -99.94 To 9999. %

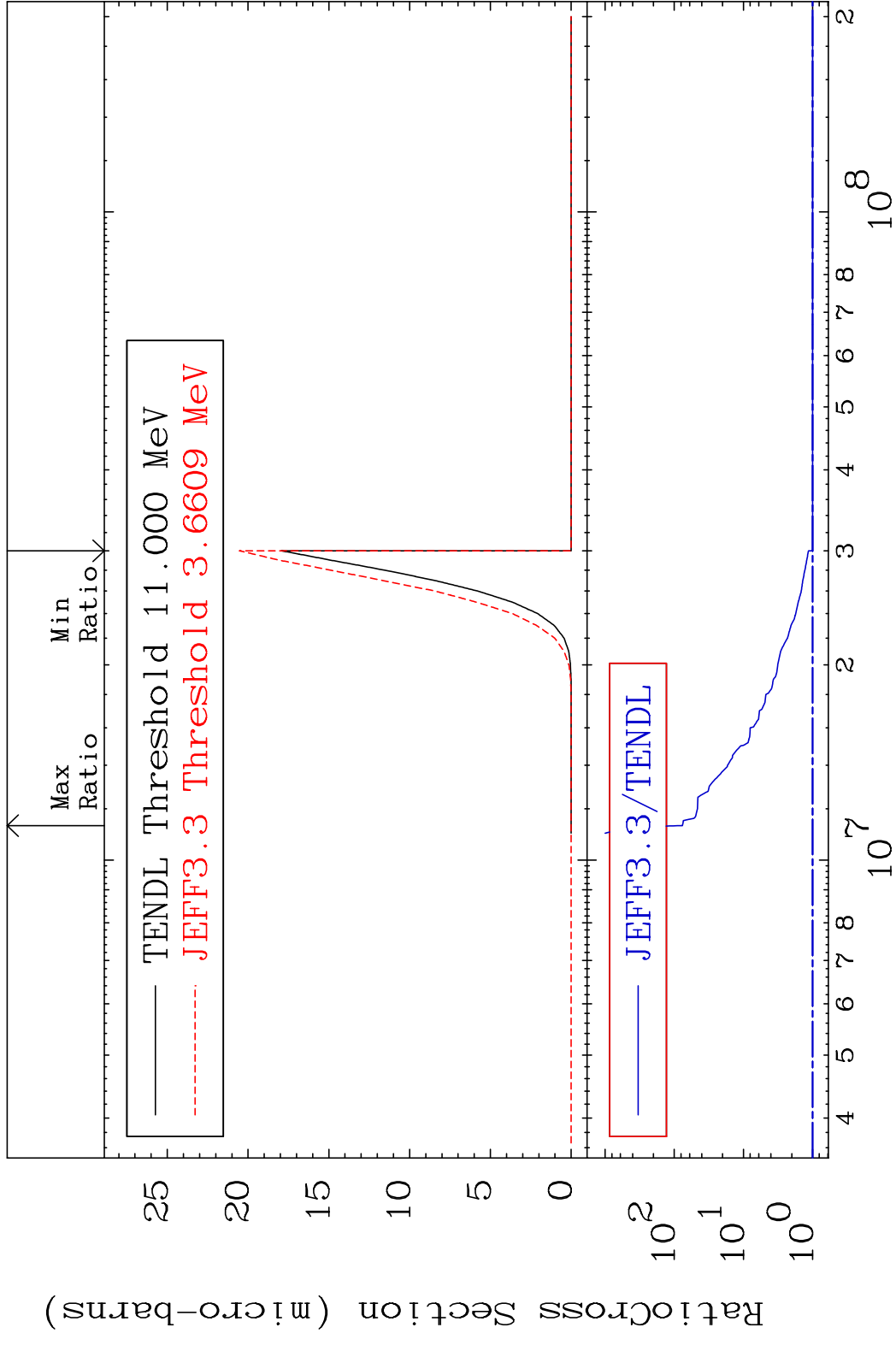




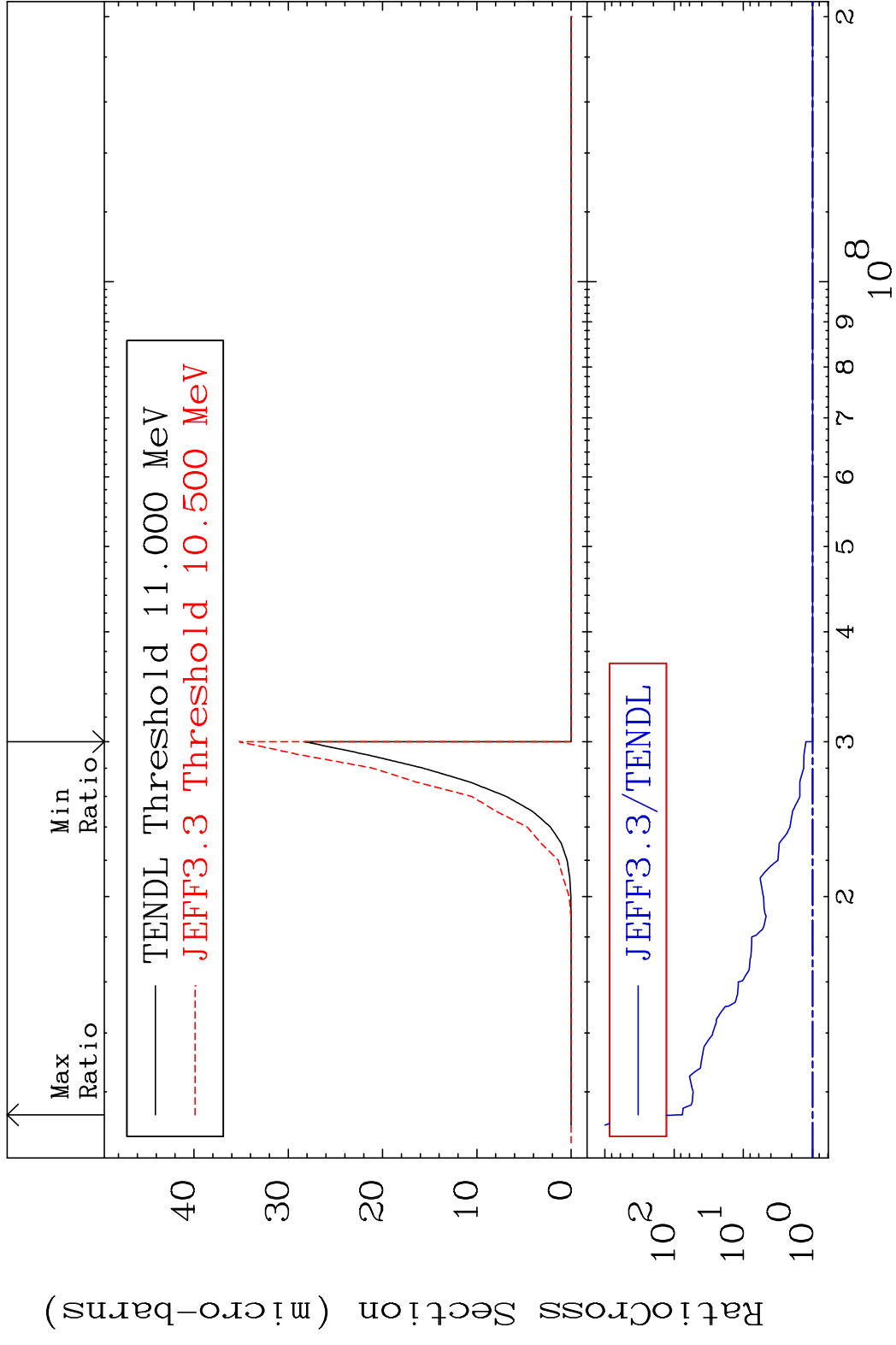
MAT 3431 (n, n') He-3:32-Ge-73m2 34-Se-76
 Radionuclide Production Cross Section 180.01 dno 99.52 %



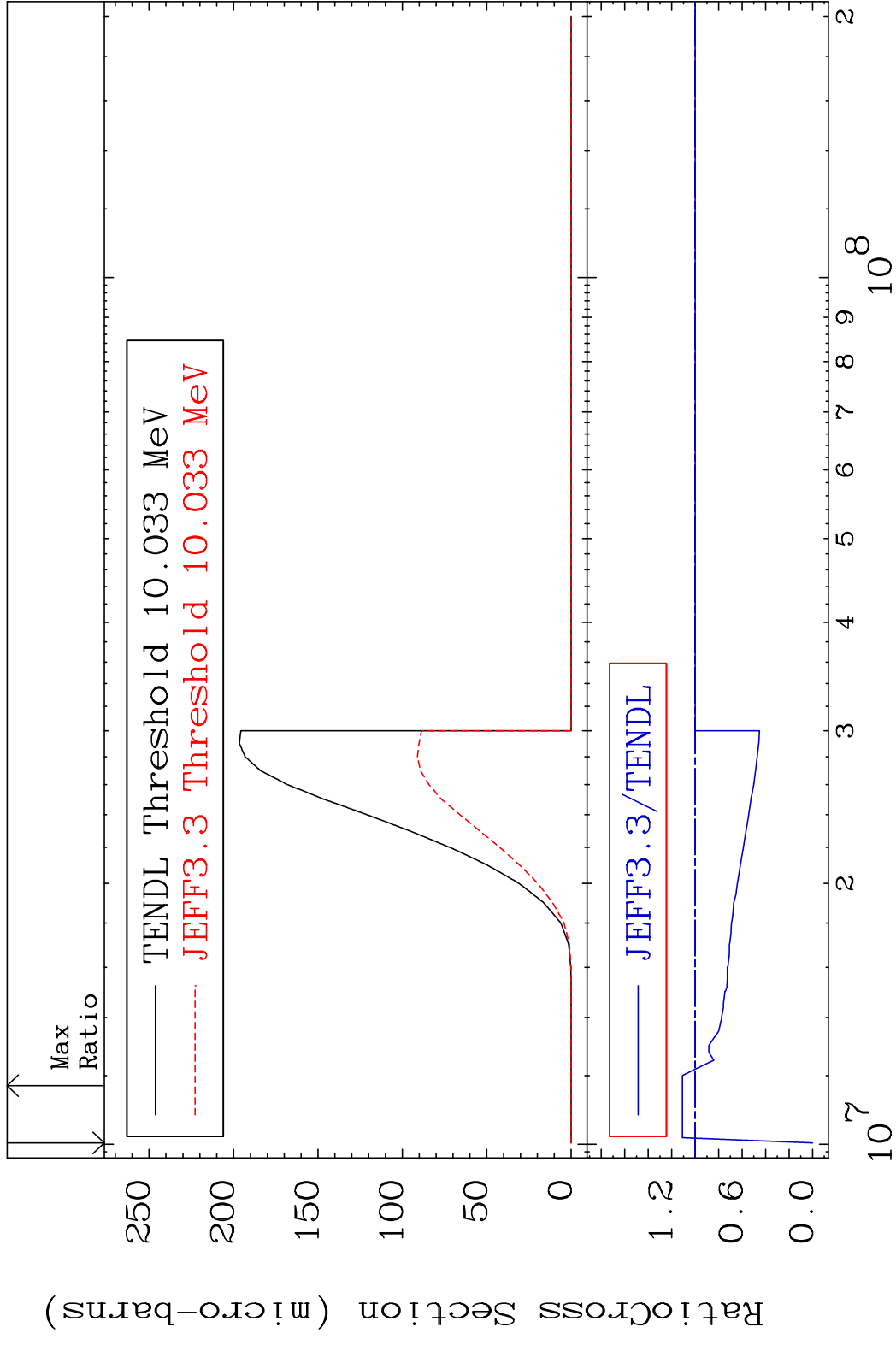
MAT 3431 (n,2α):30-Zn-69g 34-Se-76
 Radionuclide Production Cross Section 7539. %



MAT 3431 (n,2α):30-Zn-69m1 34-Se-76
 Radionuclide Production Cross Section 7514. %

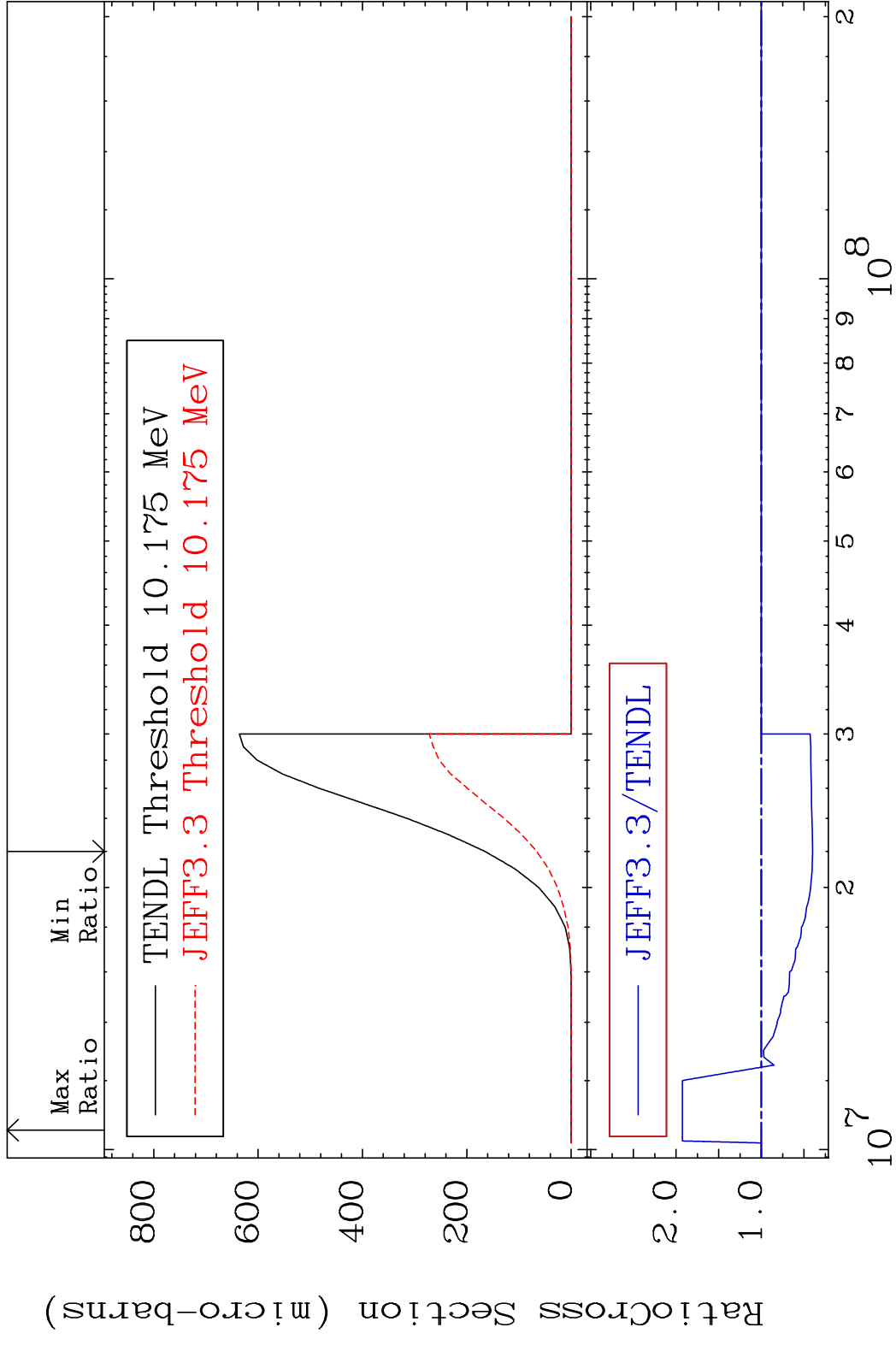


MAT 3431 (n,2p) : 32-Ge-75g 34-Se-76
 Radionuclide Production Cross Section Ratio 10.033 MeV 10.92 %



82 Incident Energy (eV) 34-Se-76

MAT 3431 (n,2p):32-Ge-75m2 34-Se-76
 Radionuclide Production Cross Section 92.60 %



MAT 3431 (n, p) t:32-Ge-73g 34-Se-76
 Radionuclide Production Cross Section 18.363 MeV 178.5 %

