

Program Complot
(Version 2021-1)

by

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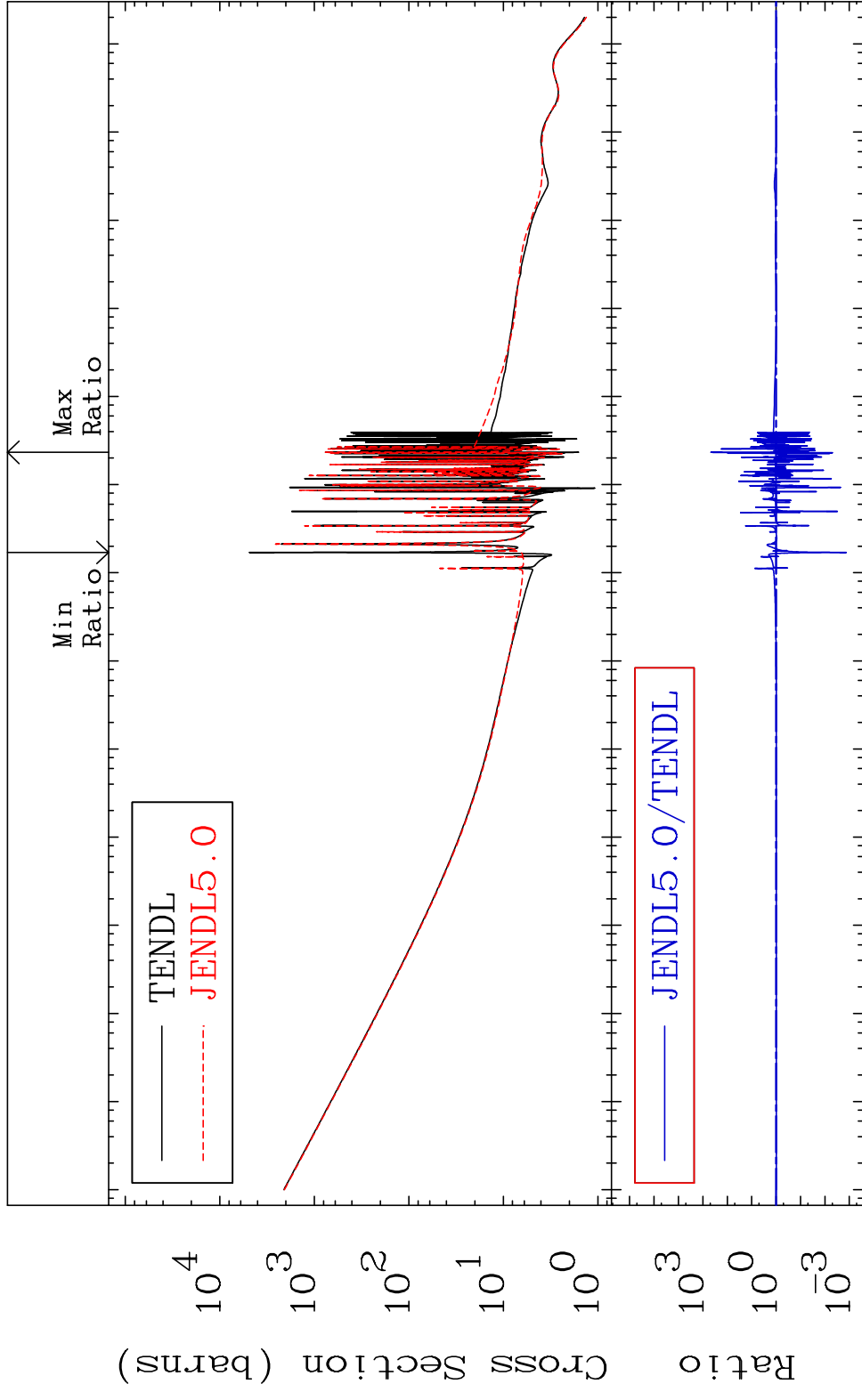
Press Mouse Button to Start

MAT 3434

34-Se-77

Total

Cross Section -99.87 To 9999. %



34-Se-77

Incident Energy (eV)

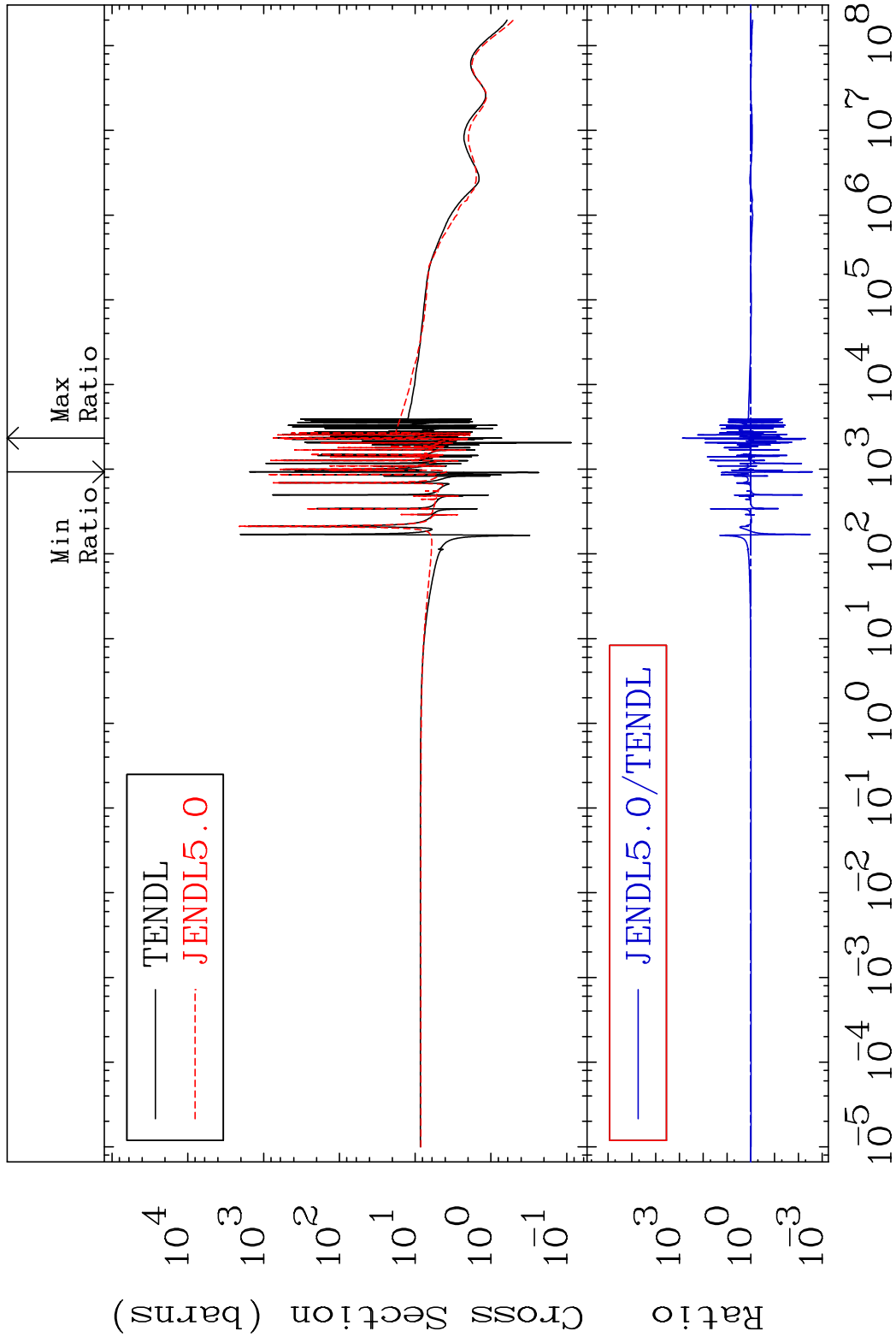
1

MAT 3434

Elastic

34-Se-77

Cross Section -99.75 To 9999. %

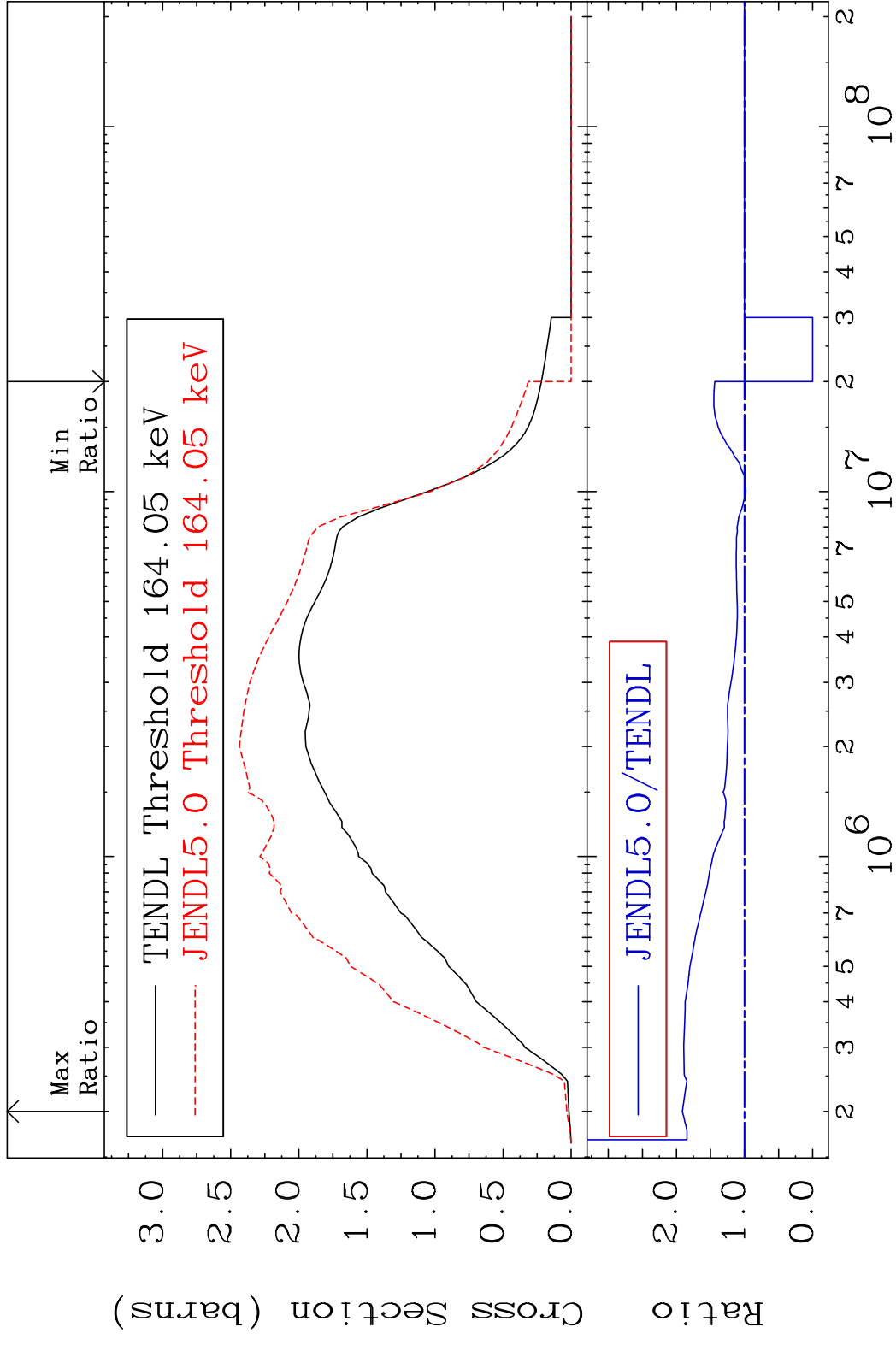


2

Incident Energy (eV)

34-Se-77

MAT 3434 Inelastic Cross Section -100.0 To 91.27 % 34-Se-77

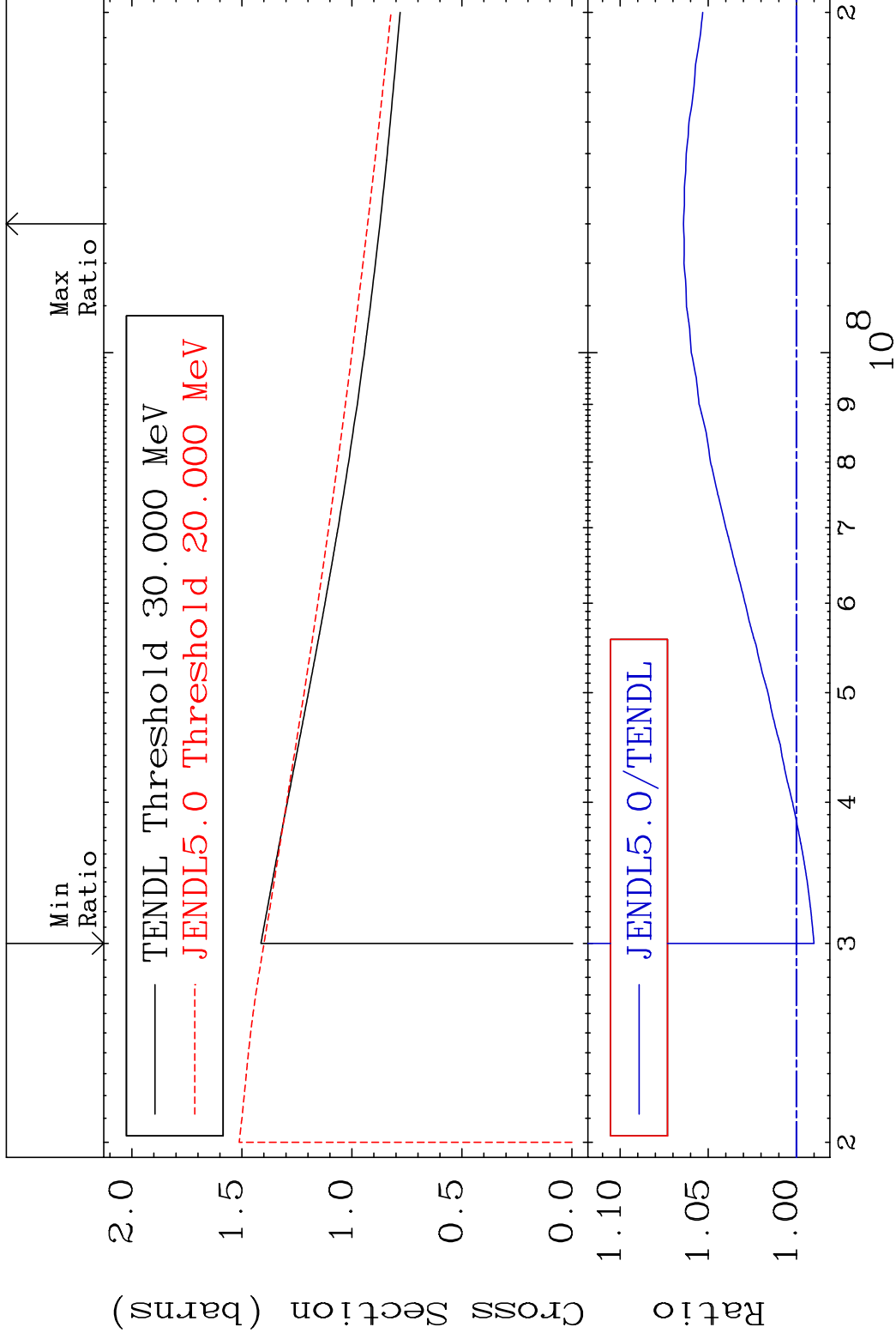


MAT 3434

(n, remainder)

34-Se-77

Cross Section -1.001 To 6.407 %

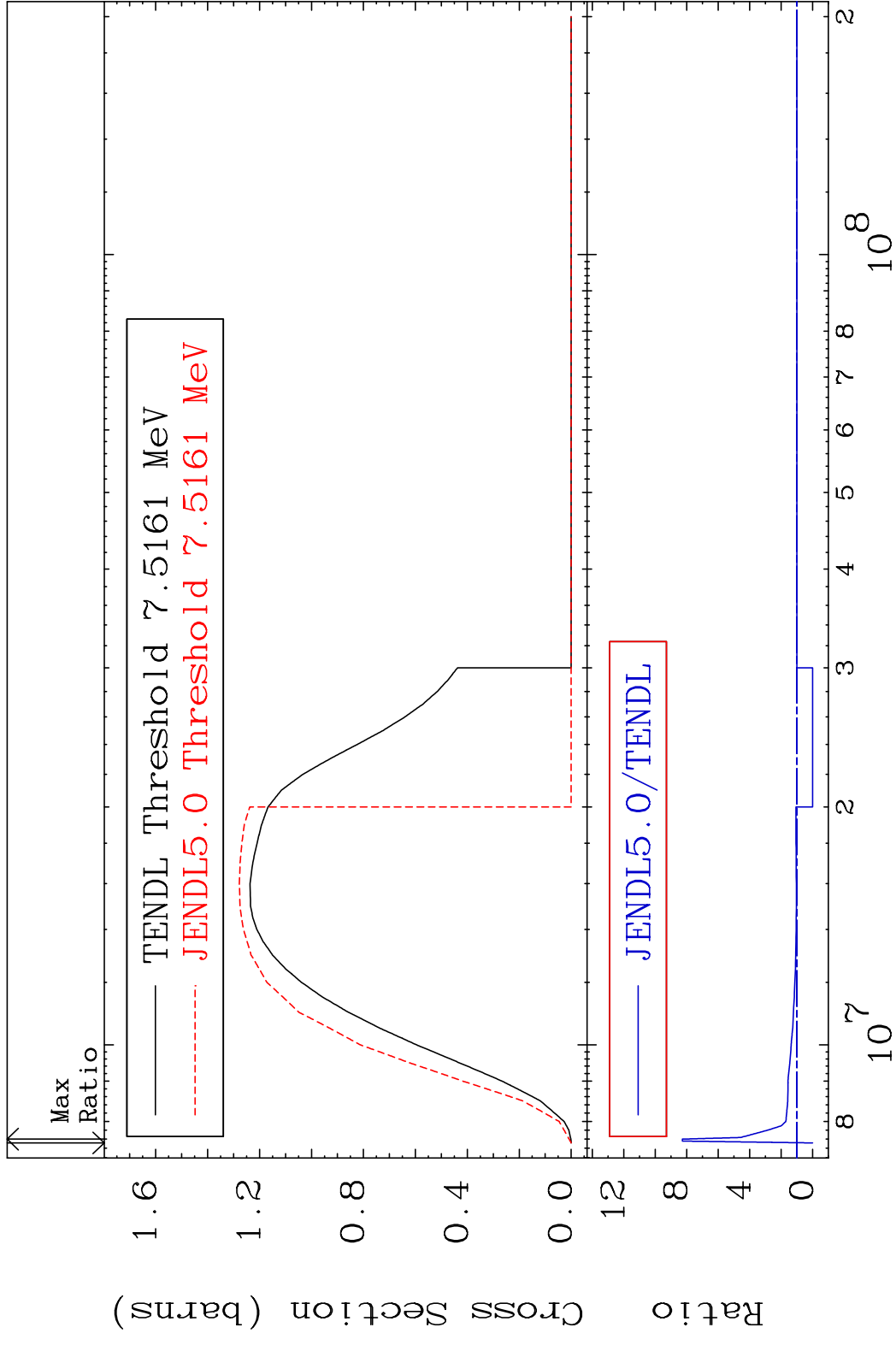


4

Incident Energy (eV)

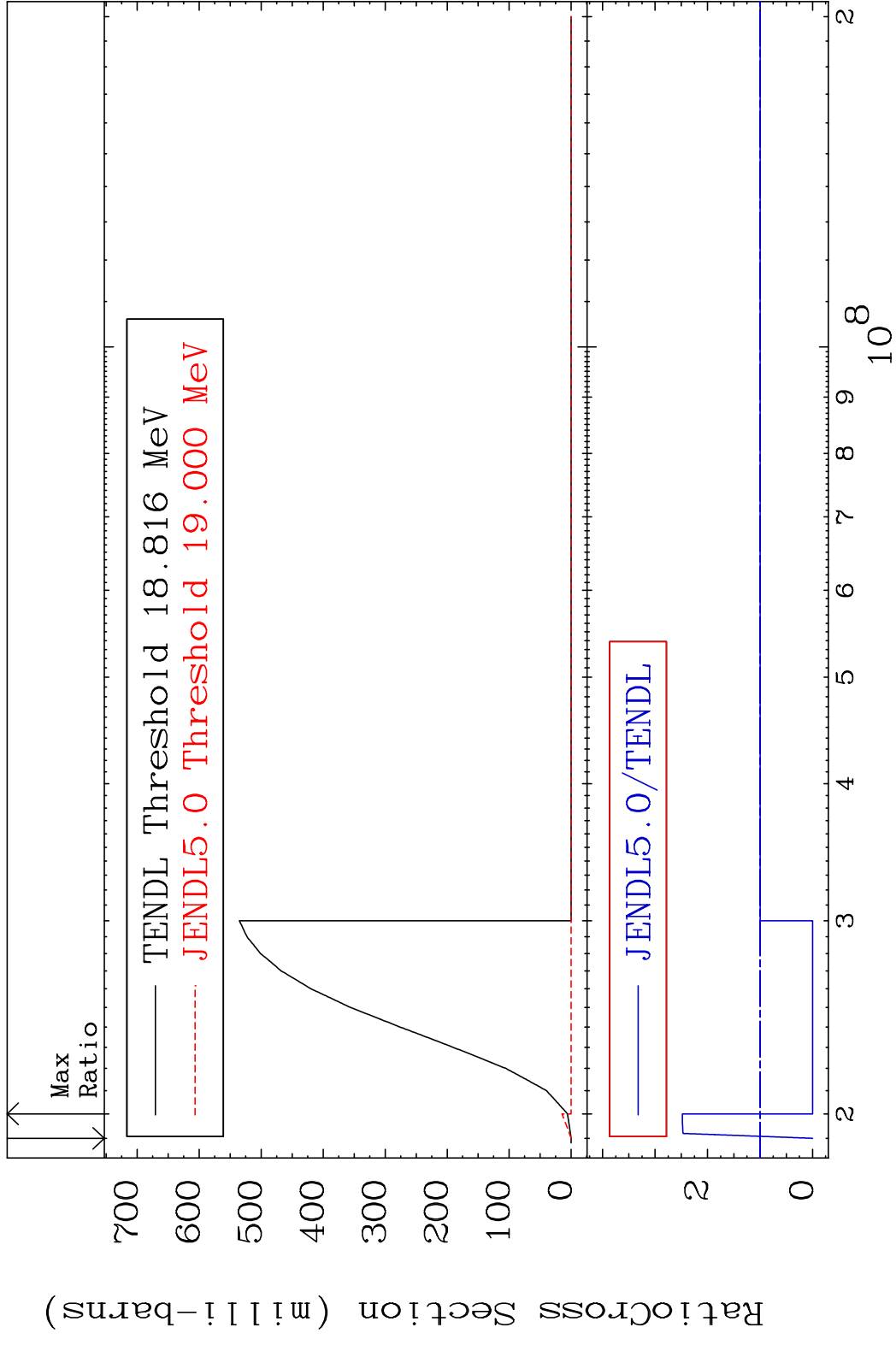
34-Se-77

MAT 3434 (n,2n) ³⁴Se-77
 Cross Section -100.0 To 727.8 %



5 Incident Energy (eV) ³⁴Se-77

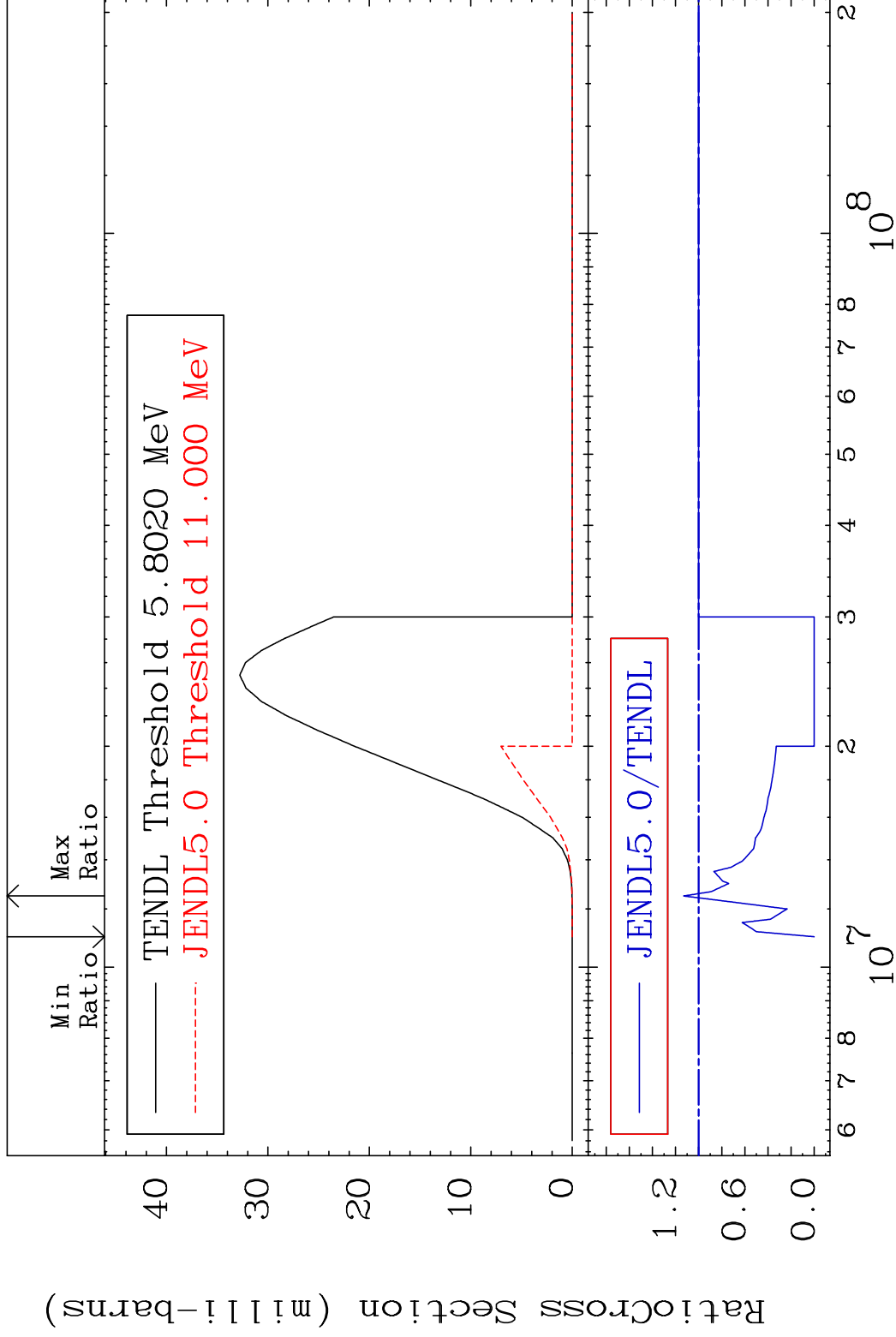
MAT 3434 (n,3n) 34-Se-77
 Cross Section -100.0 To 148.1 %



MAT 3434

(n, n') α ³⁴Se-77

Cross Section -100.0 To 12.99 %



7

Incident Energy (eV)

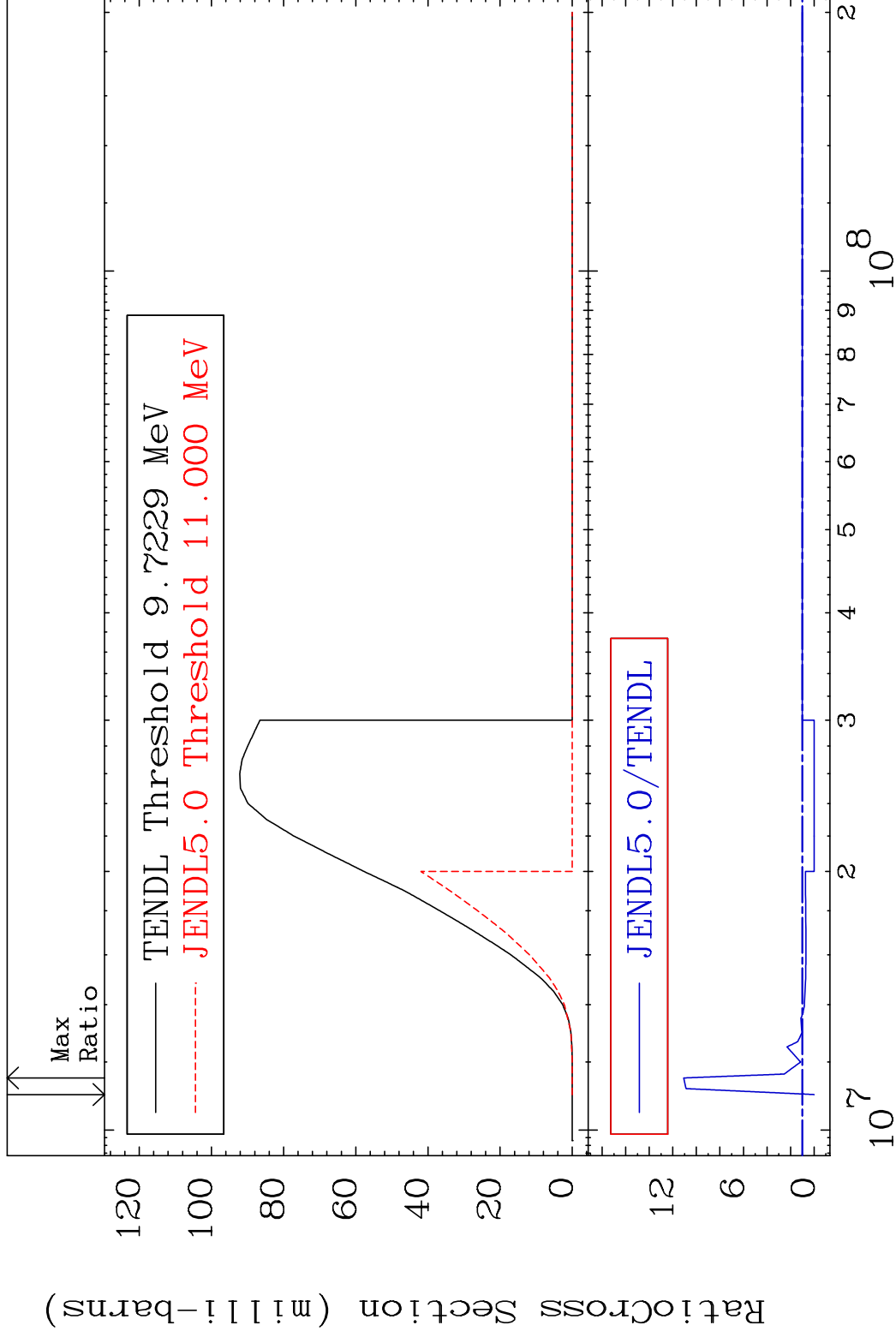
34-Se-77

MAT 3434

(n, n') p

³⁴Se-77

Cross Section -100.0 To 1008. %



8

Incident Energy (eV)

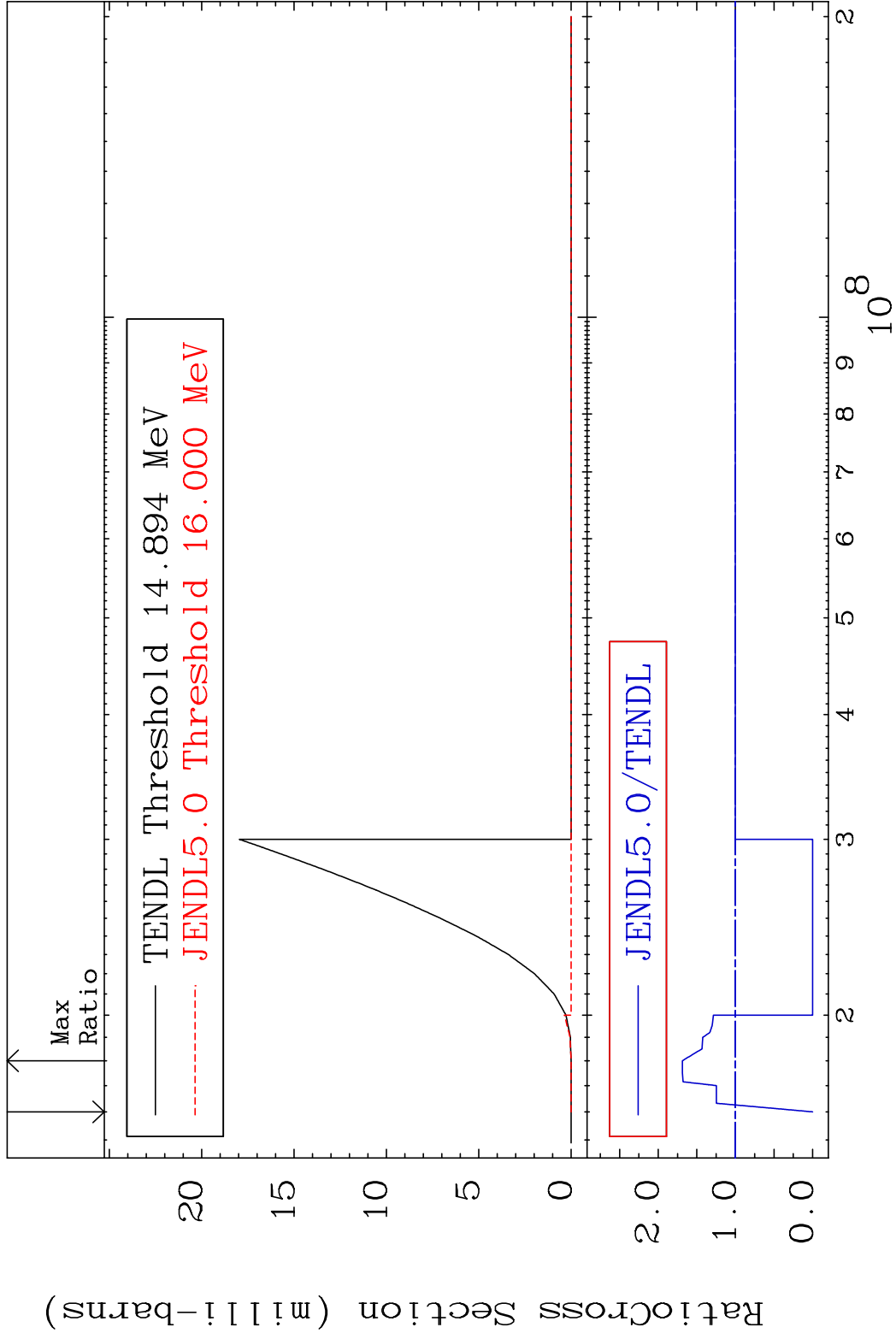
³⁴Se-77

MAT 3434

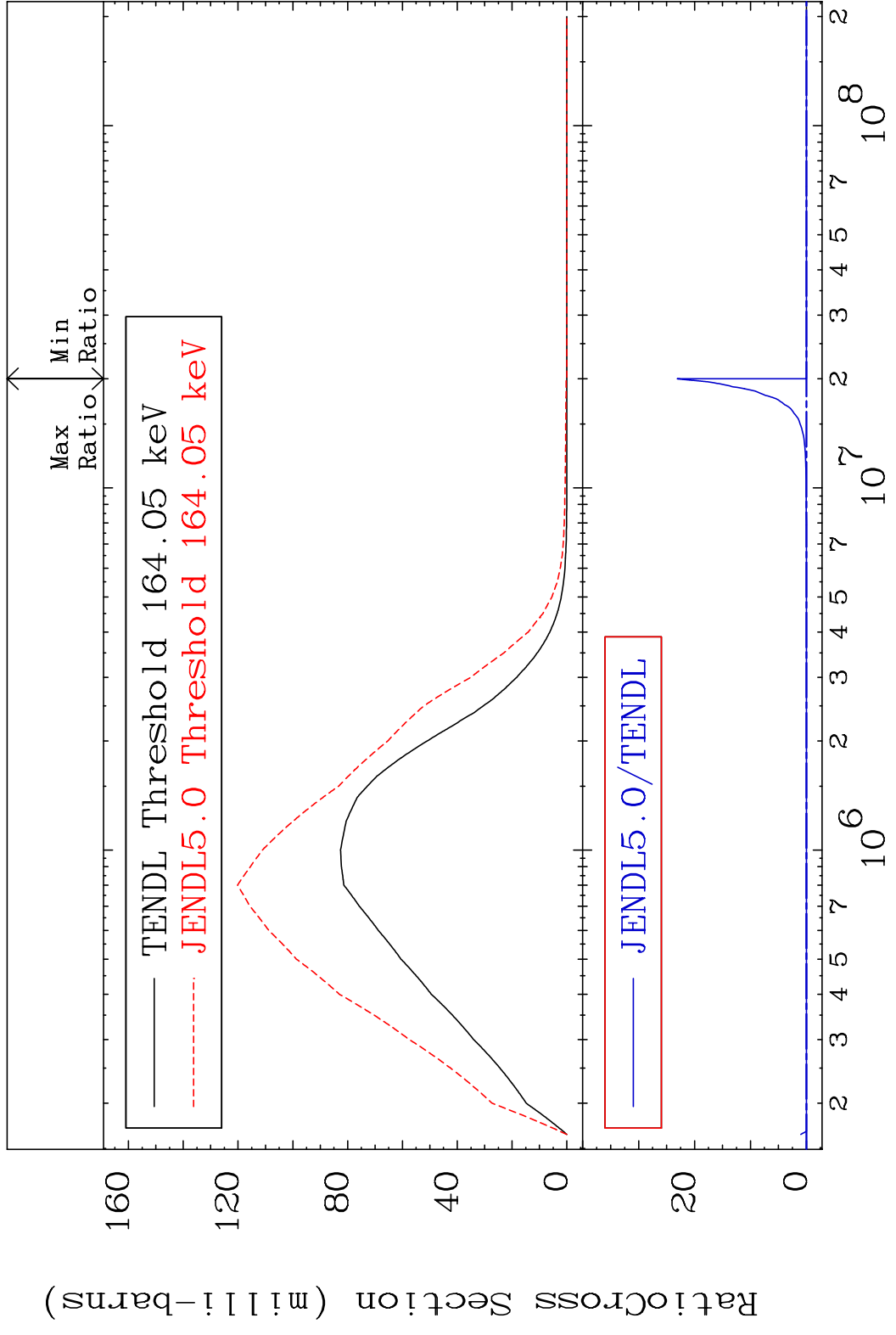
(n, n') d

³⁴Se-77

Cross Section -100.0 To 68.71 %

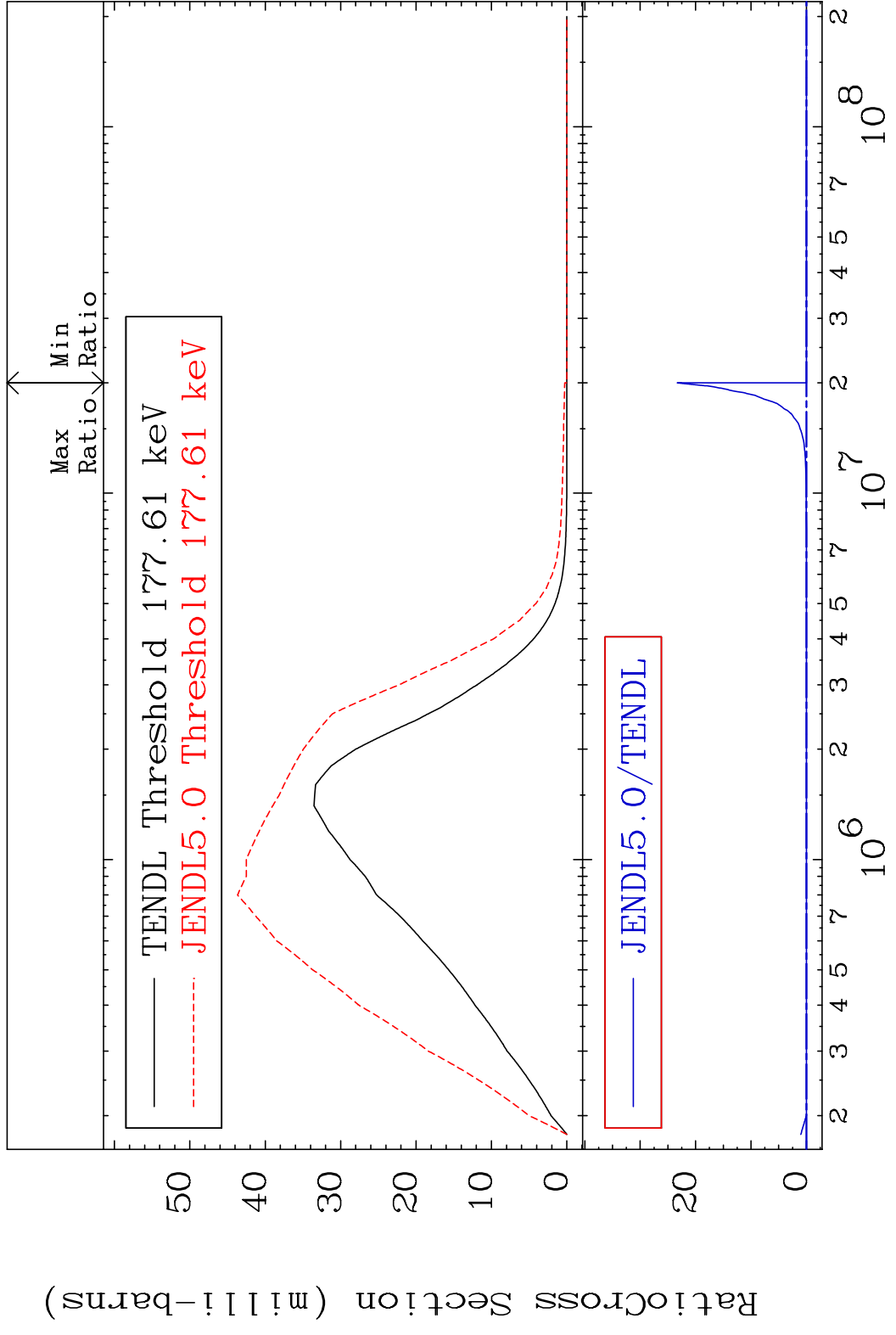


MAT 3434 MT= 51 (n,n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

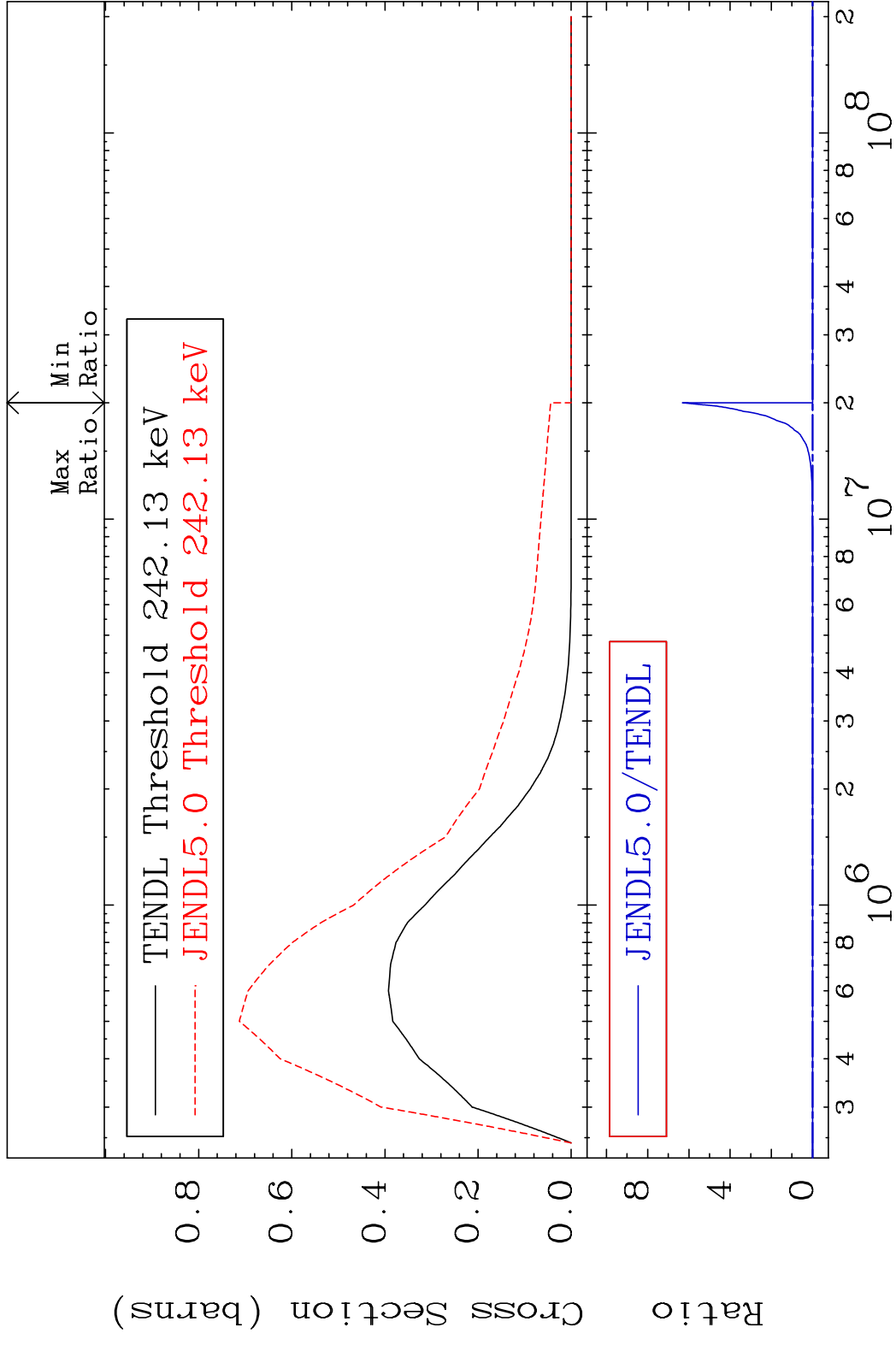


10 Incident Energy (eV) 34-Se-77

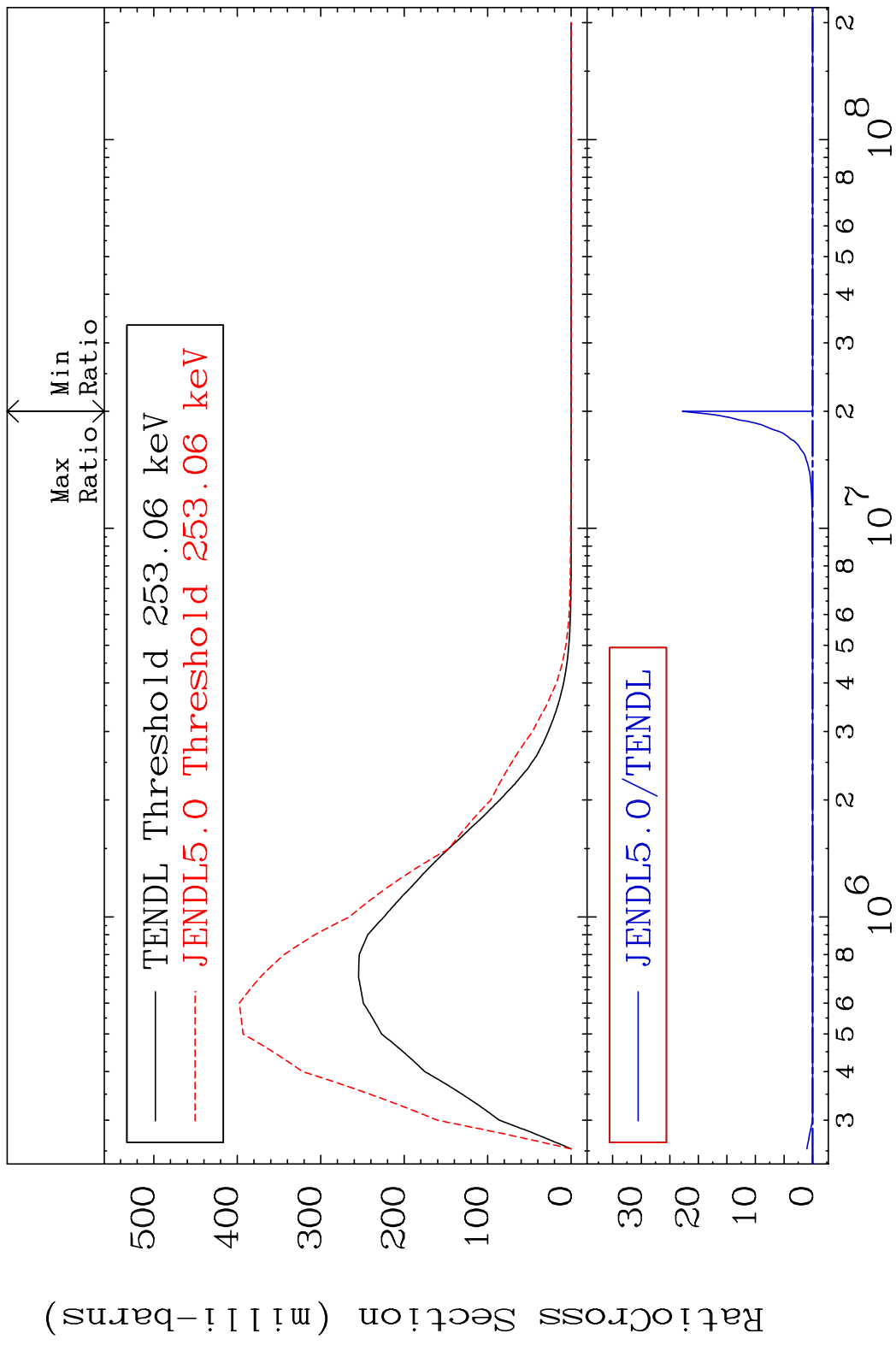
MAT 3434 MT= 52 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



MAT 3434 MT= 53 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

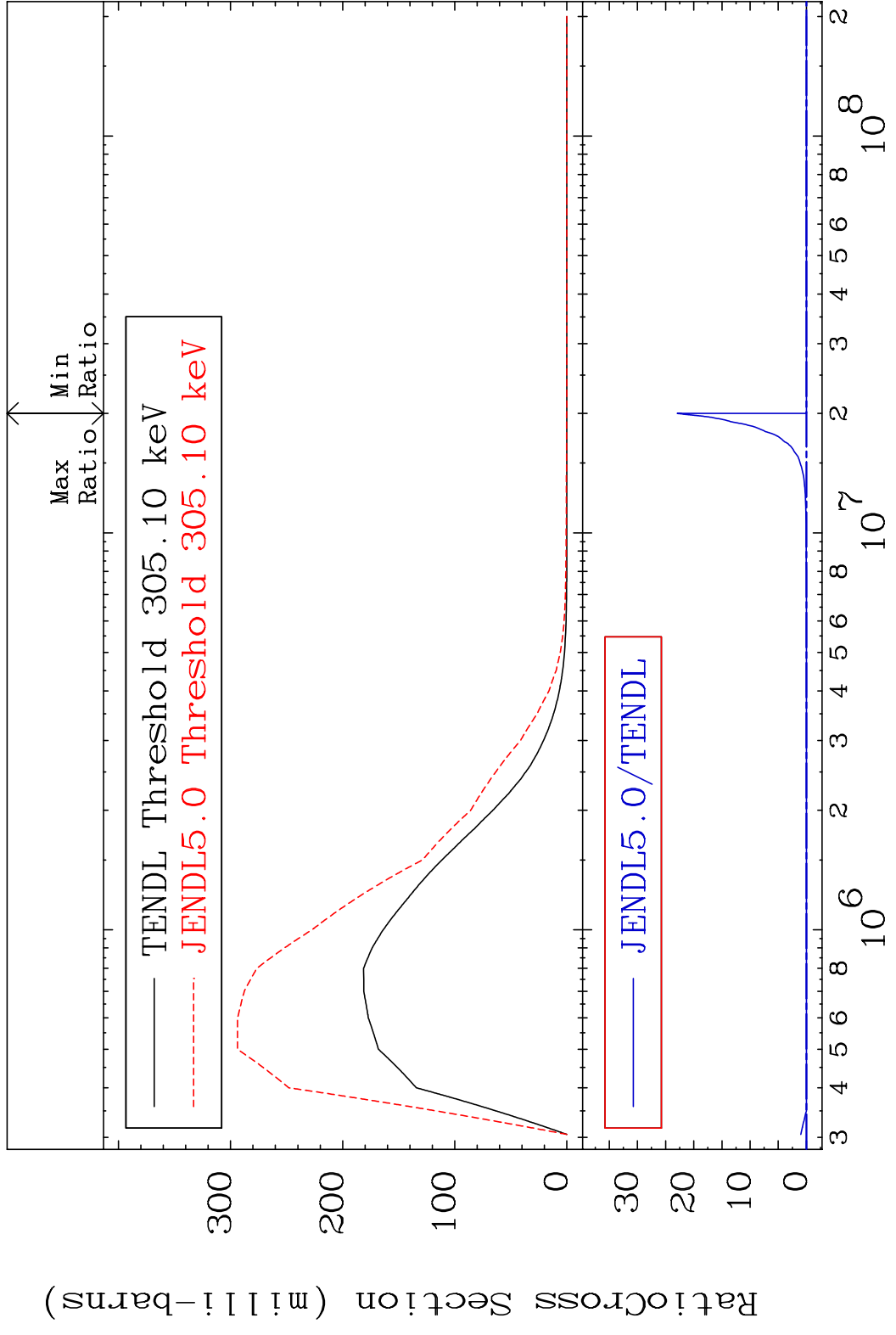


MAT 3434 MT= 54 (n,n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

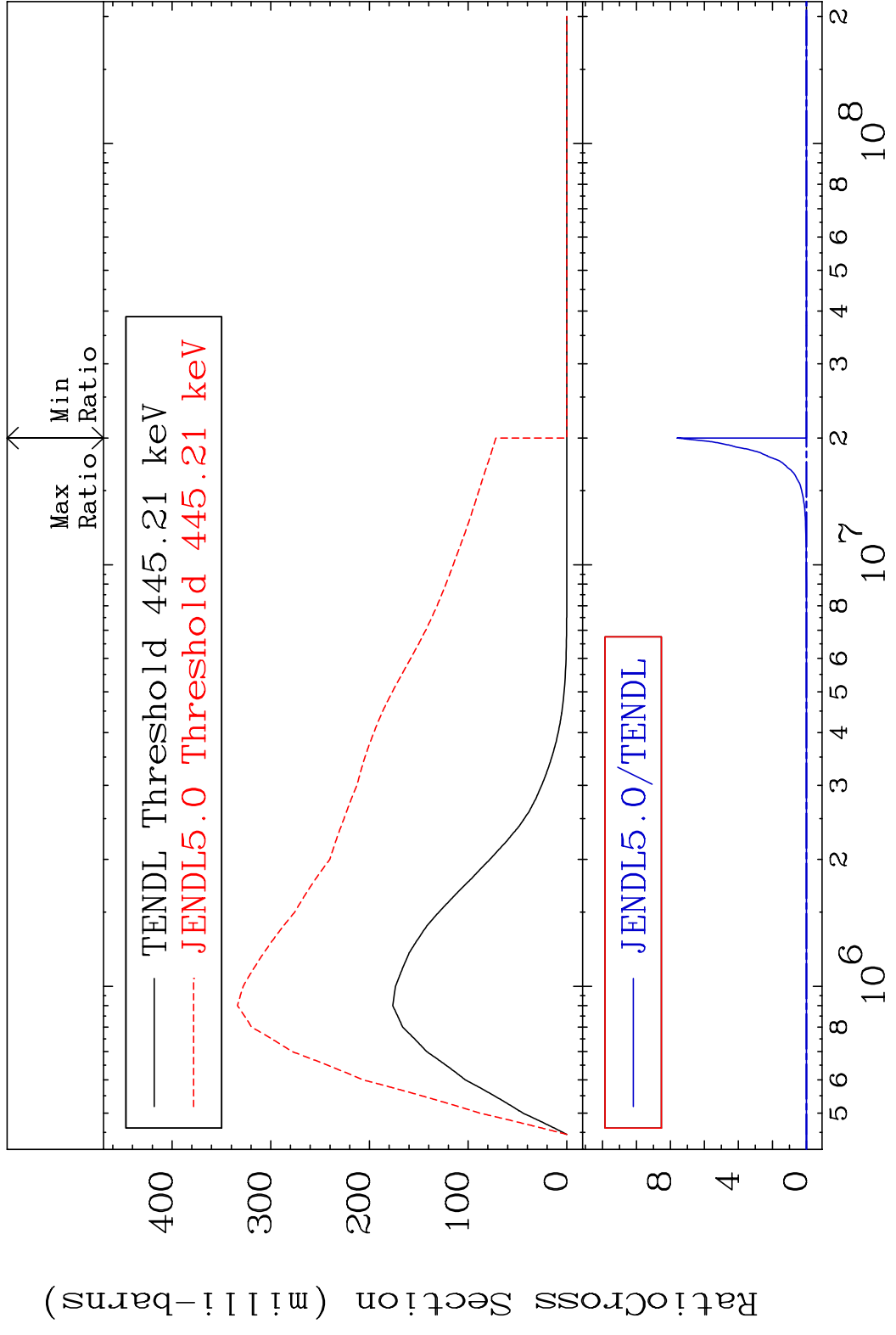


13 Incident Energy (eV) 34-Se-77

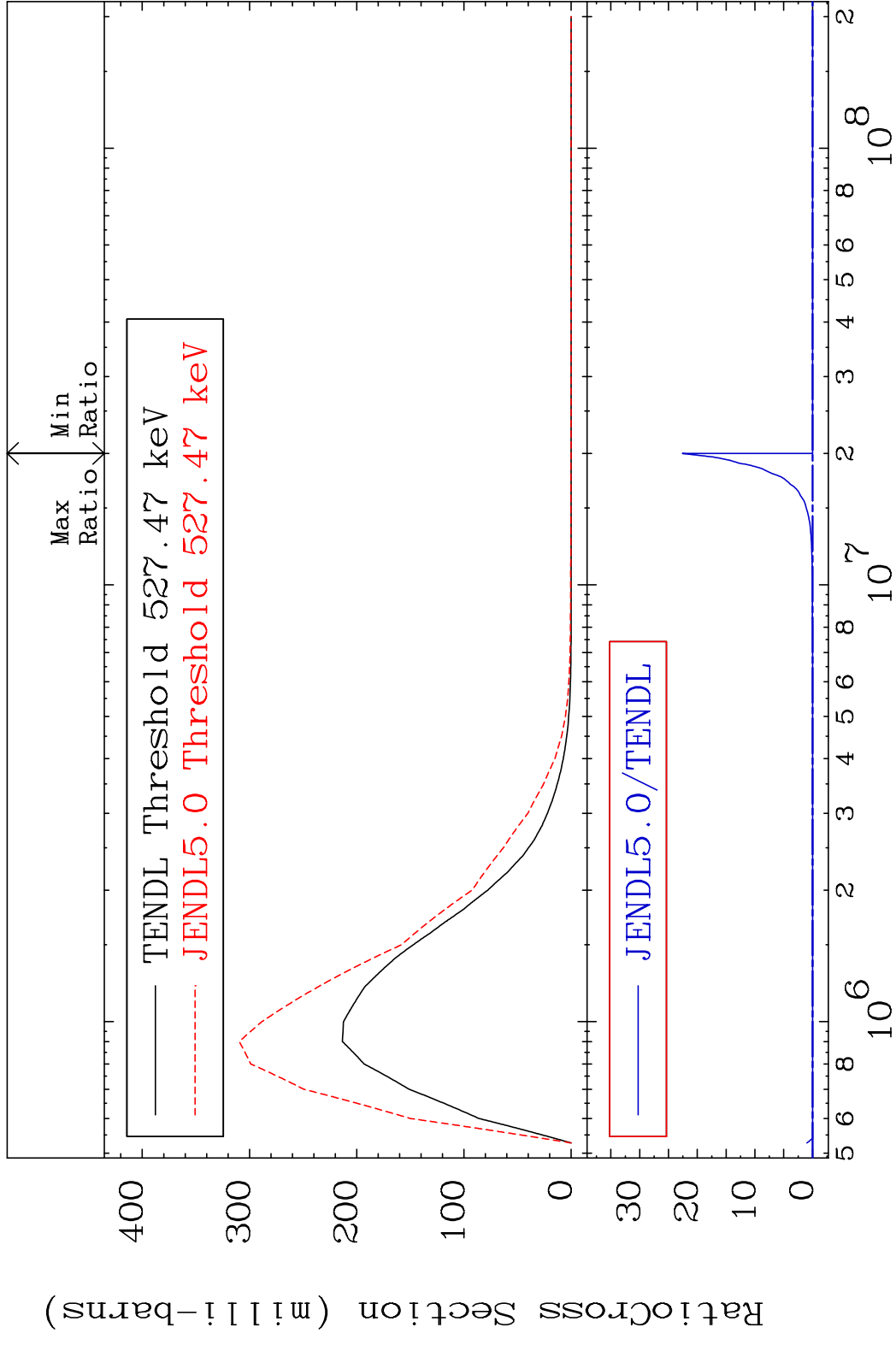
MAT 3434 MT= 55 (n,n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



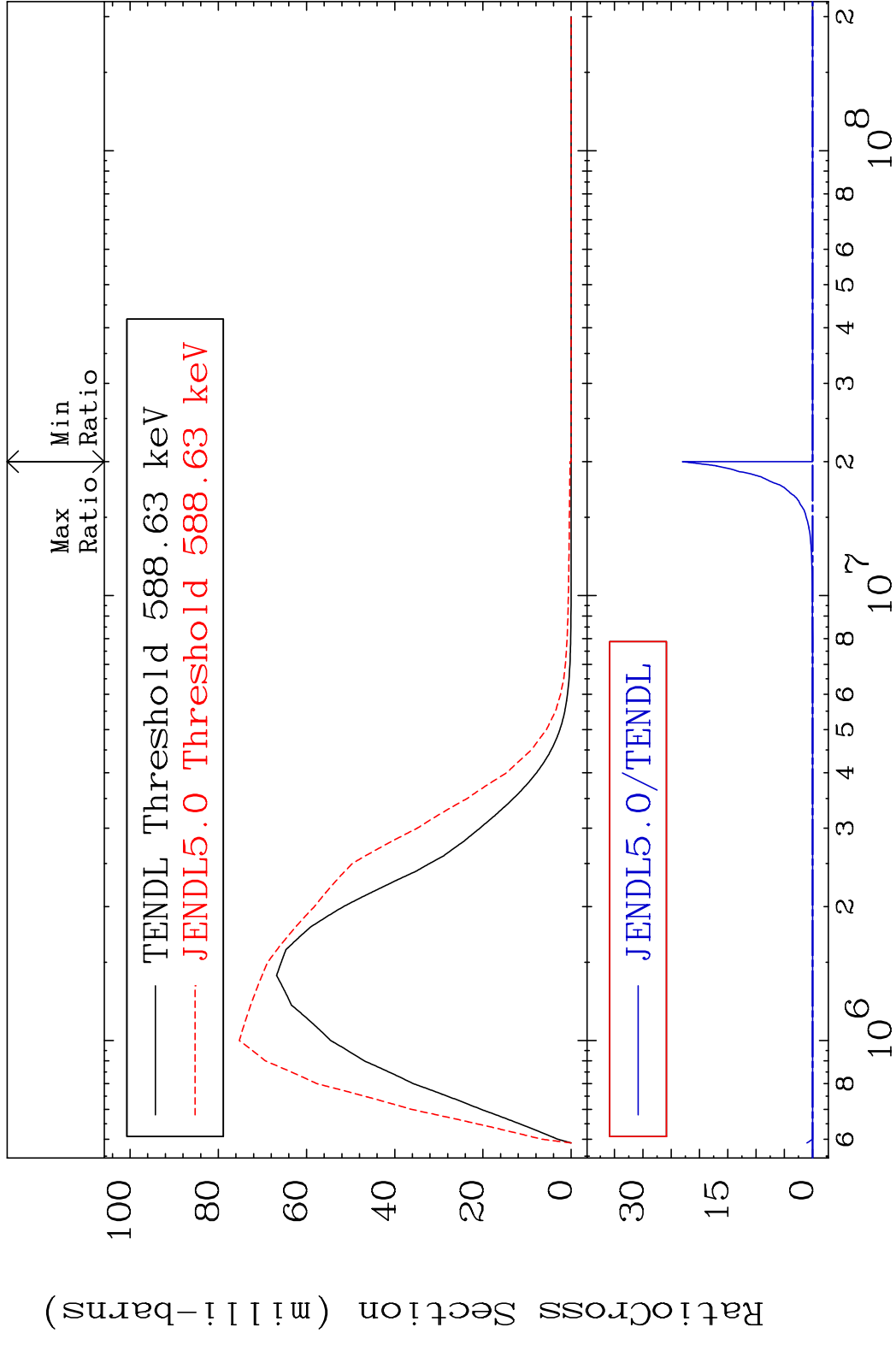
MAT 3434 MT= 56 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



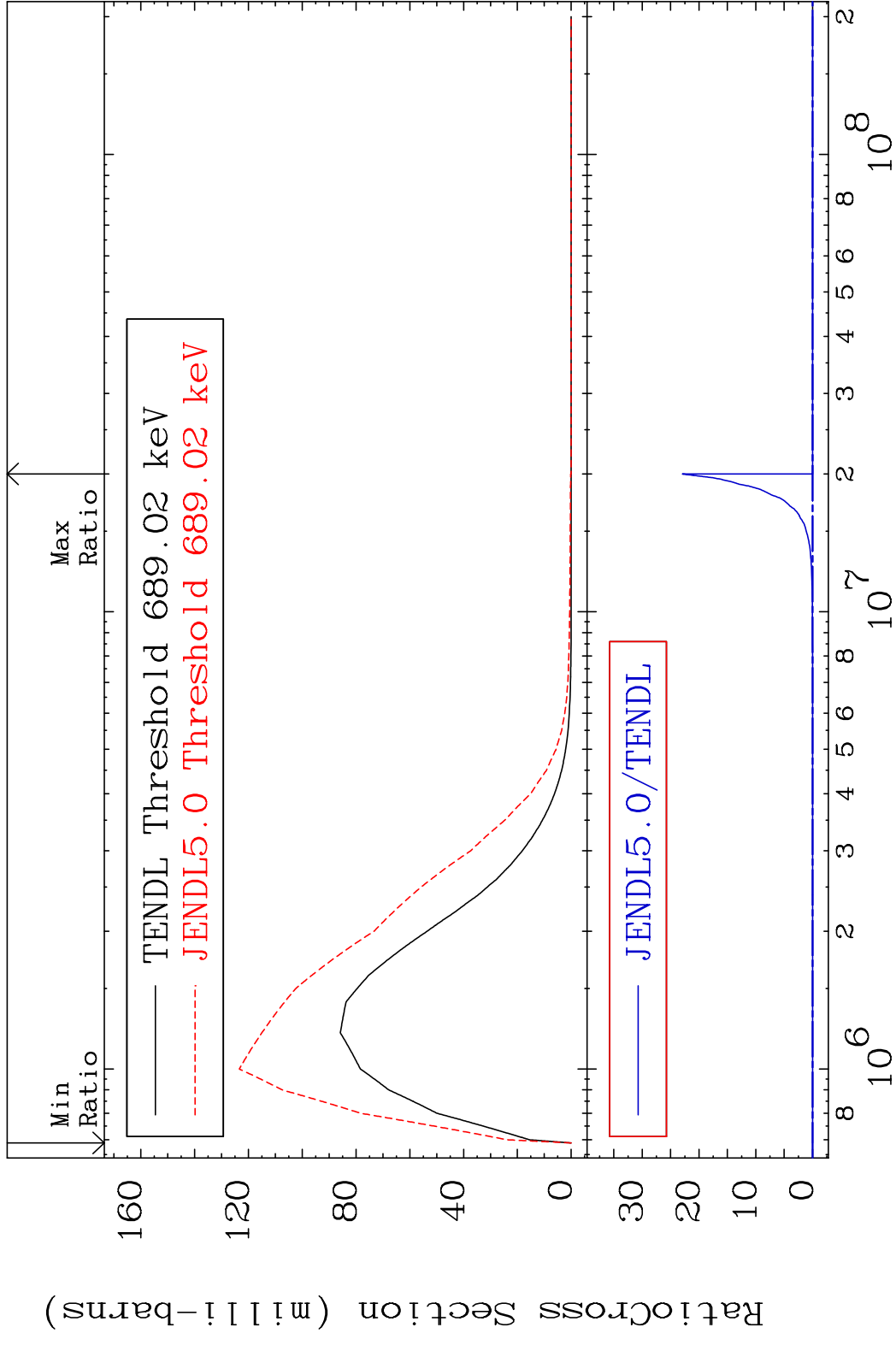
MAT 3434 MT= 57 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



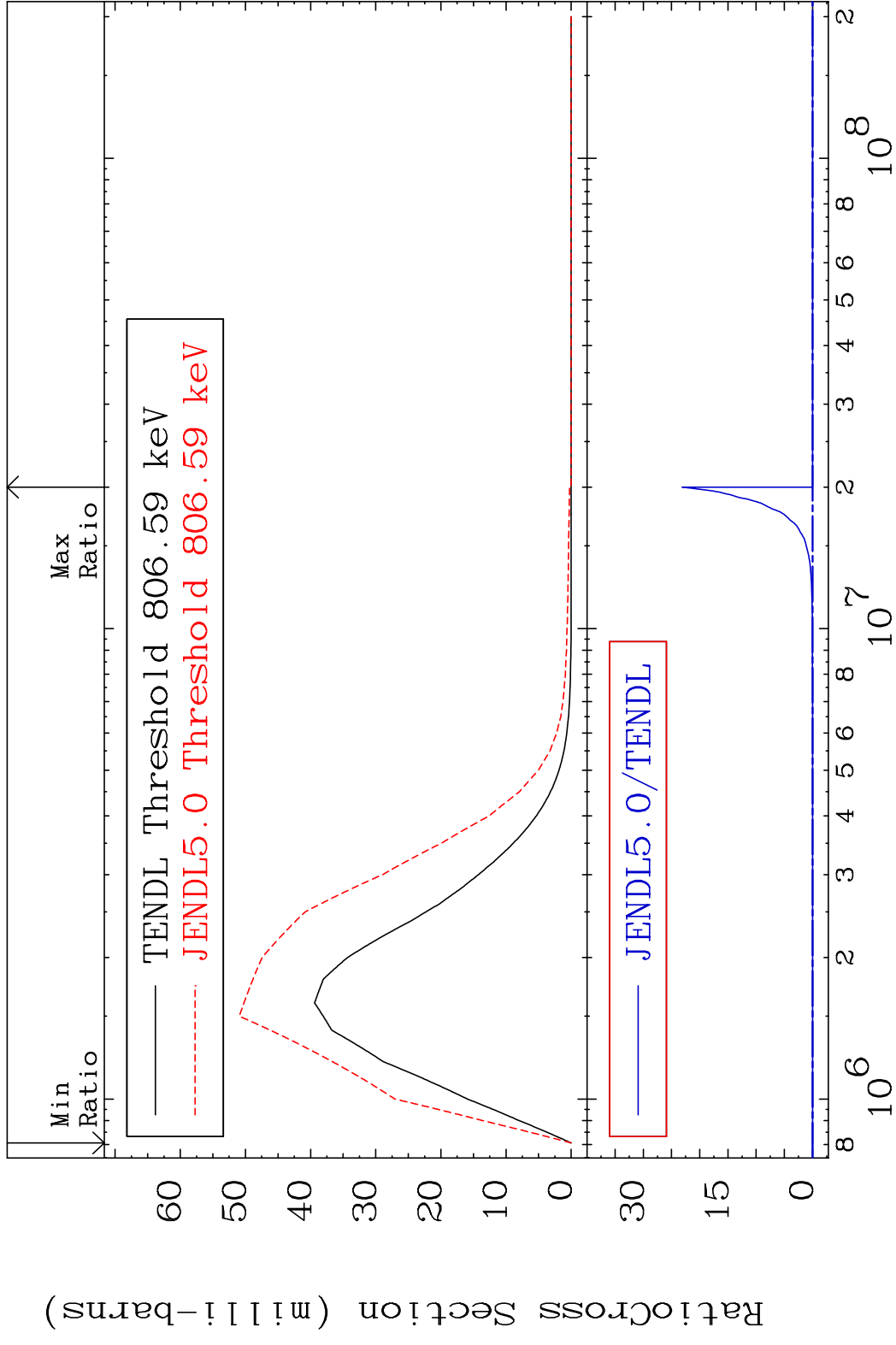
MAT 3434 MT= 58 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



MAT 3434 MT= 59 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

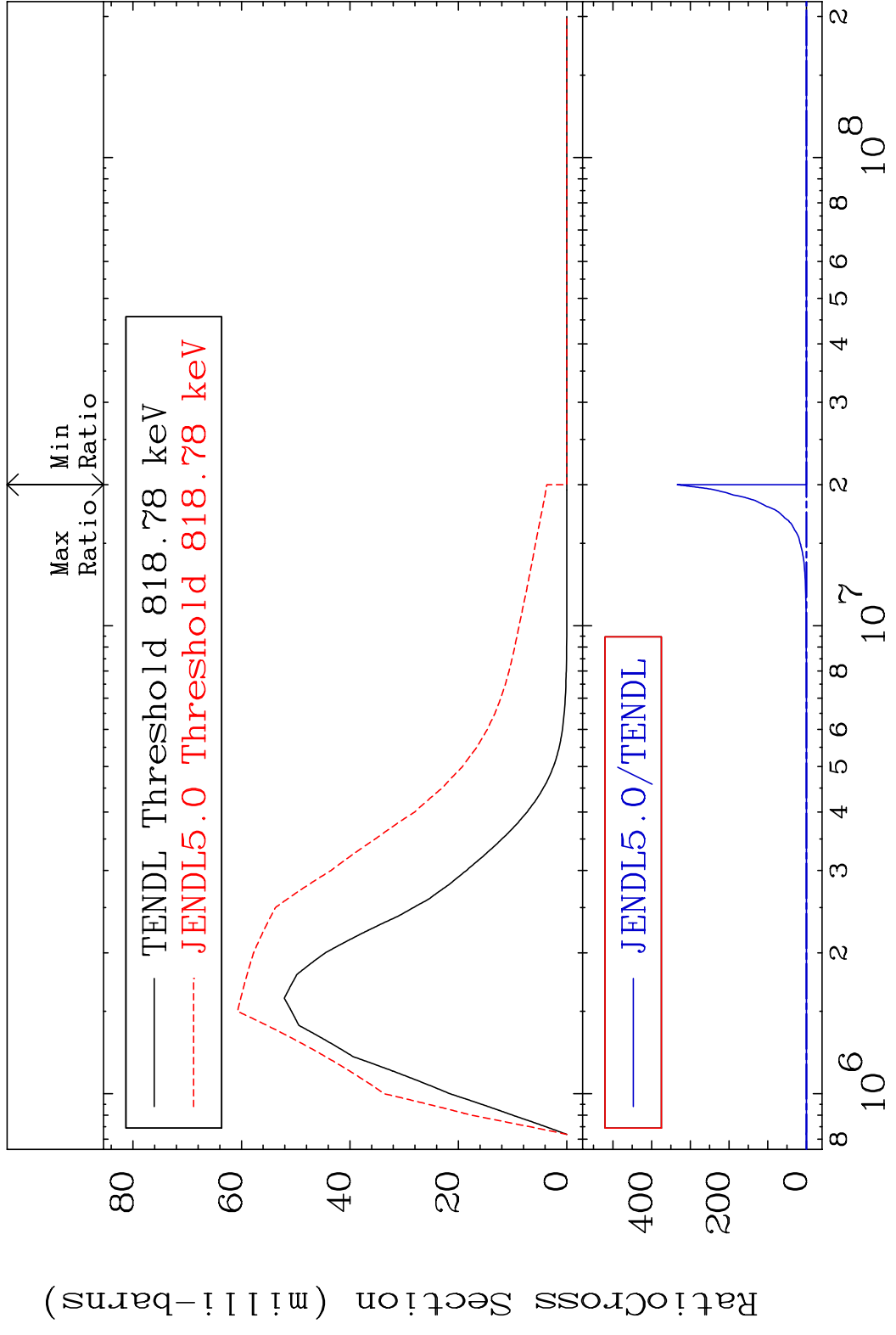


MAT 3434 MT= 60 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



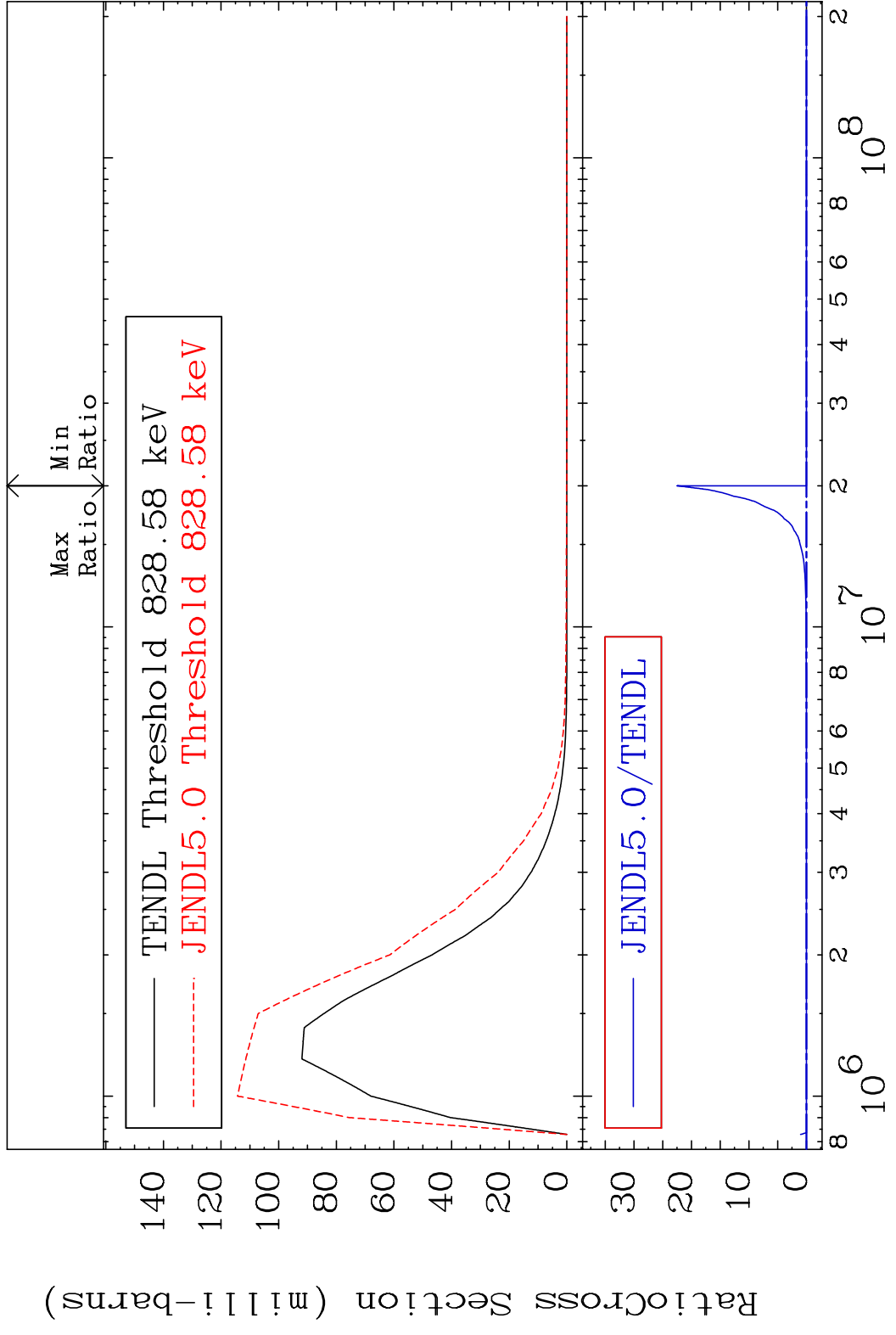
19 34-Se-77

MAT 3434 MT= 61 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

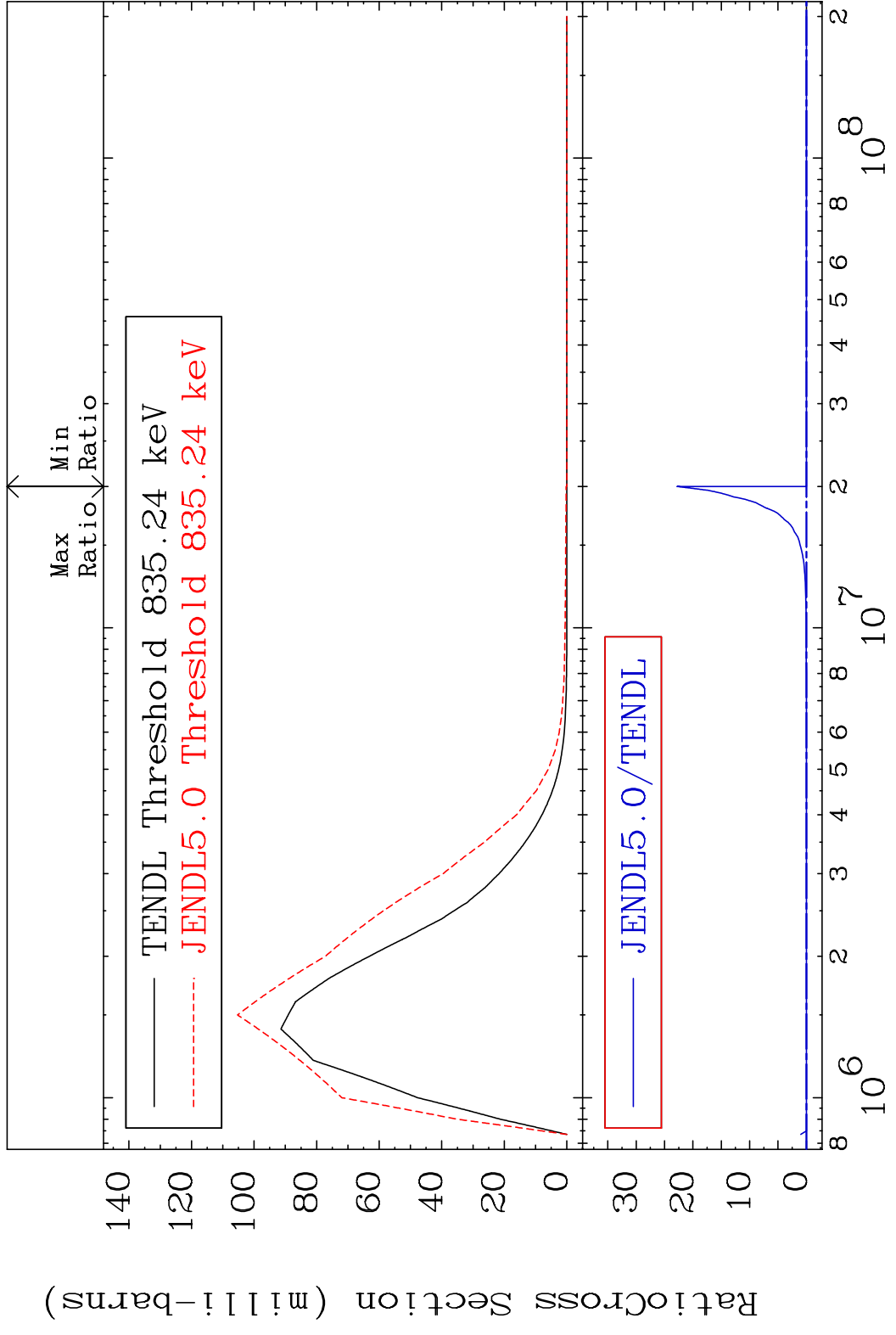


20 400 200 0 8 10⁶ 10⁷ 10⁸ 2 34-Se-77

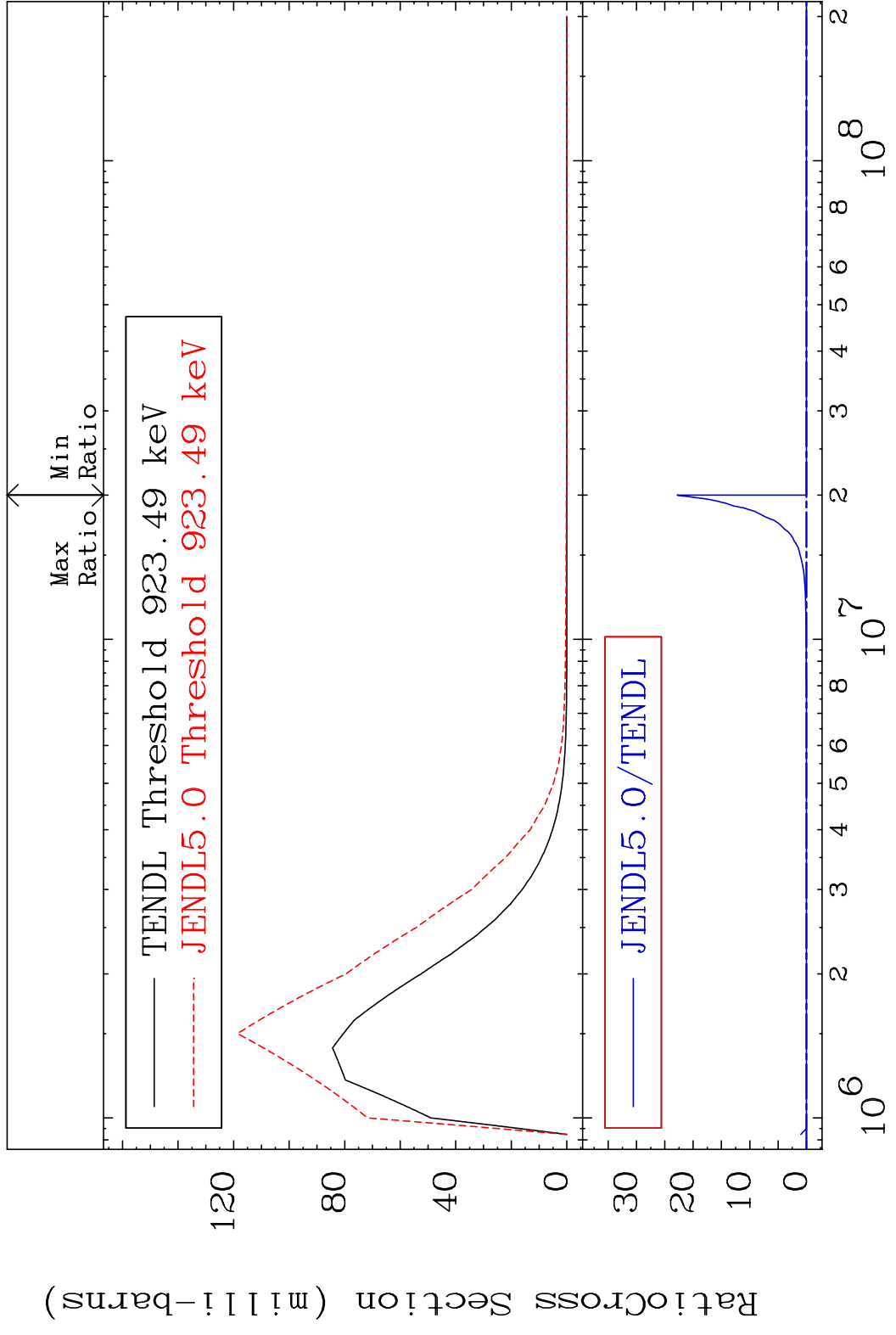
MAT 3434 MT= 62 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



MAT 3434 MT= 63 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

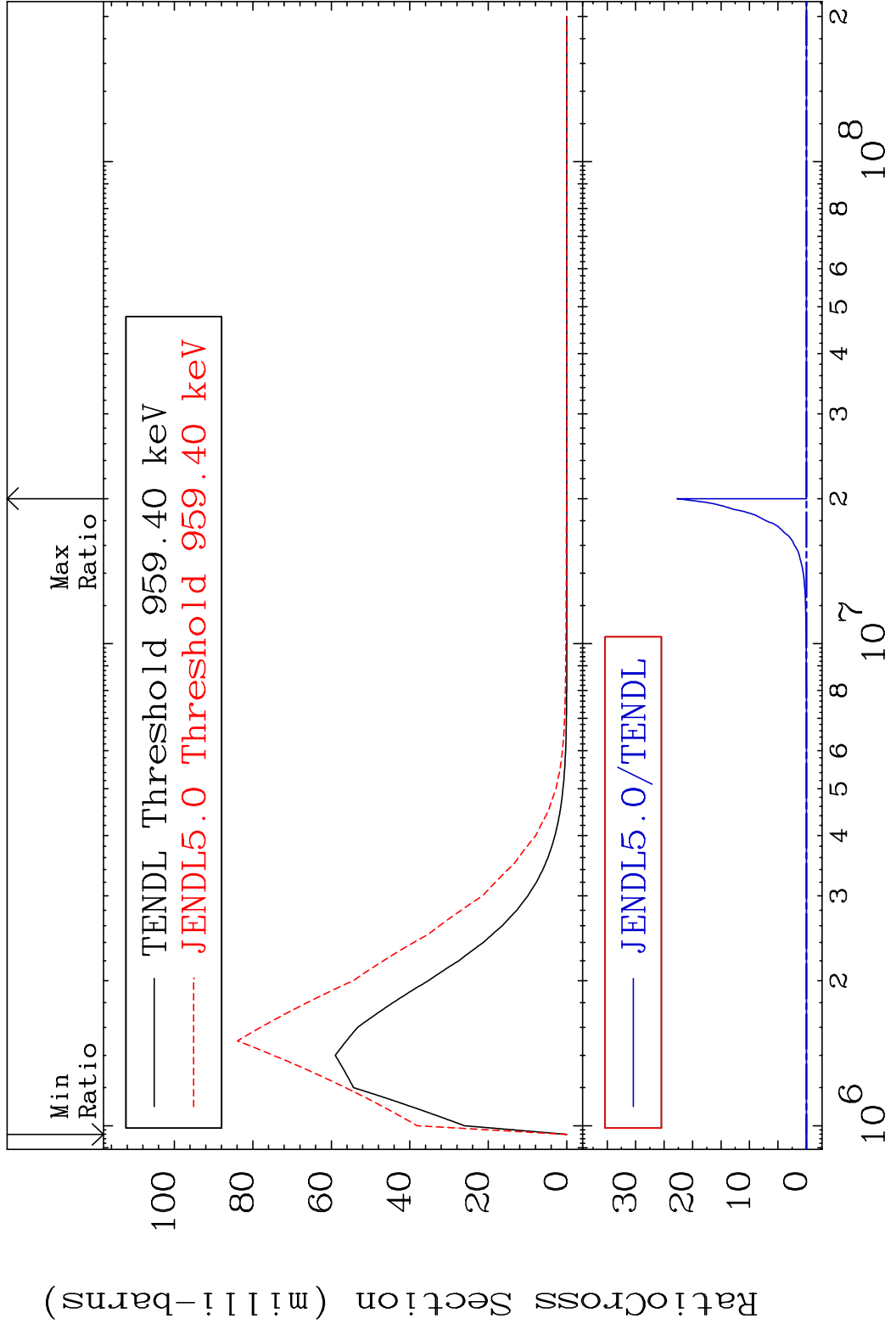


MAT 3434 MT= 64 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



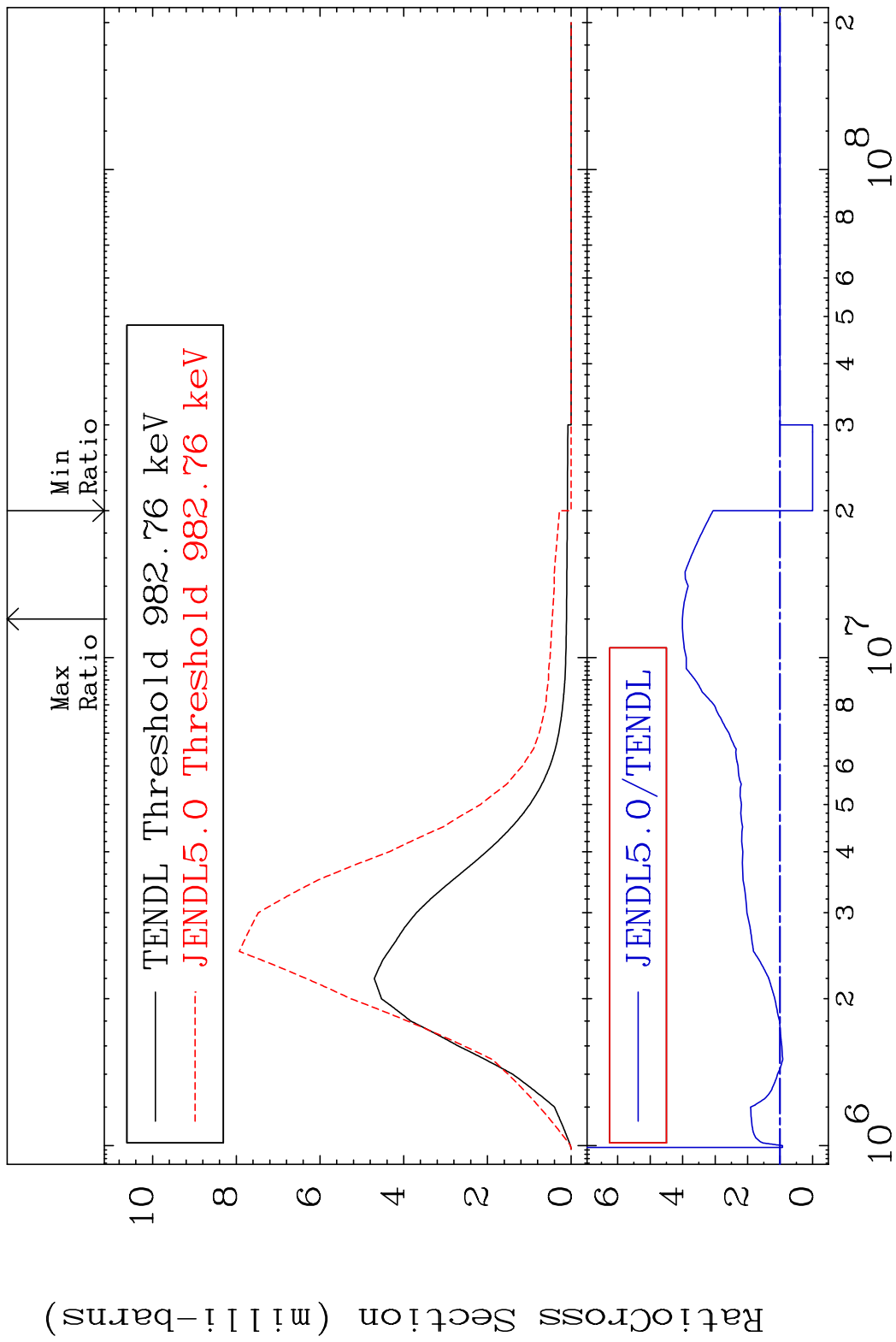
23 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 65 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

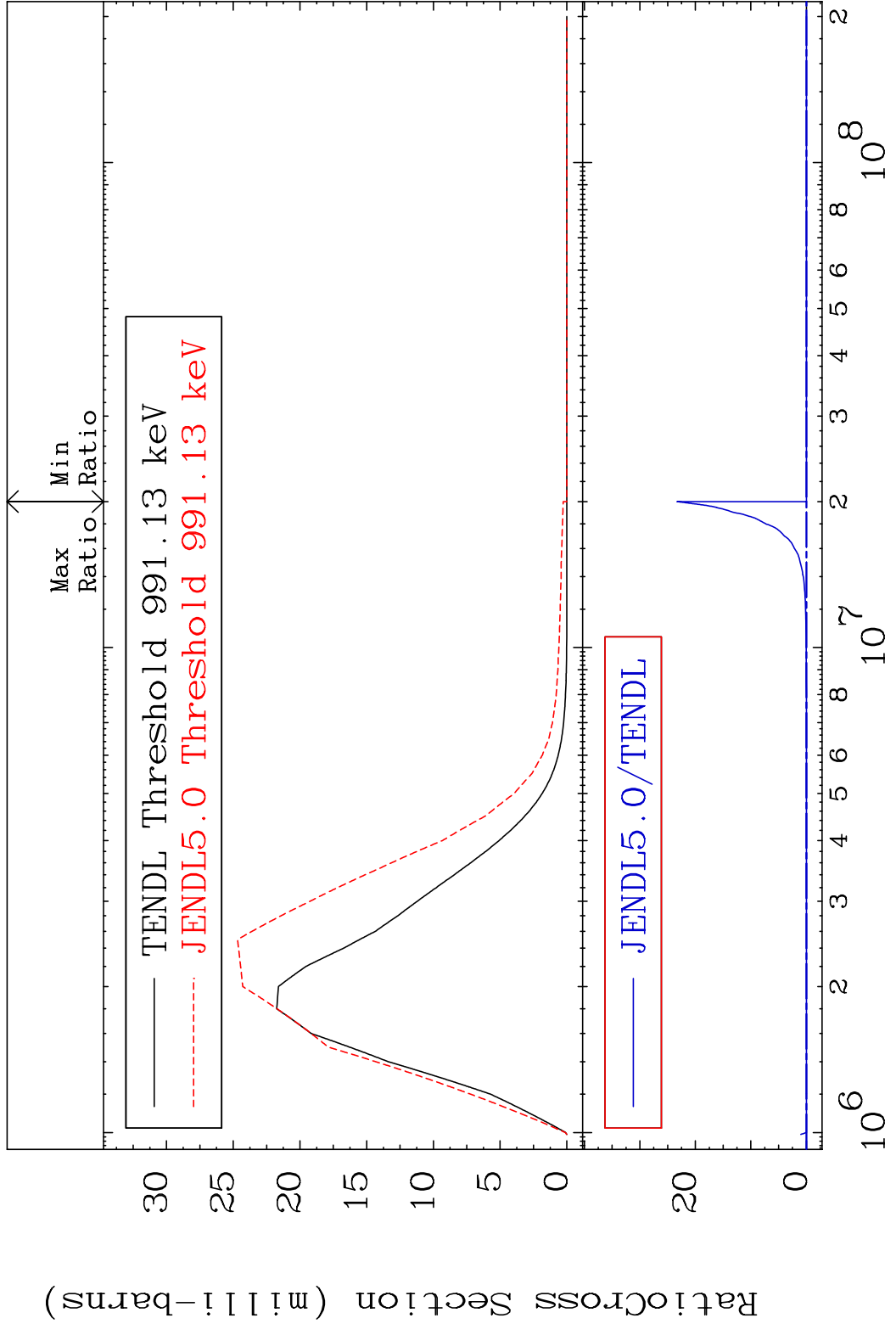


24 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 66 (n, n') Level 34-Se-77
 Cross Section -100.0 To 300.9 %

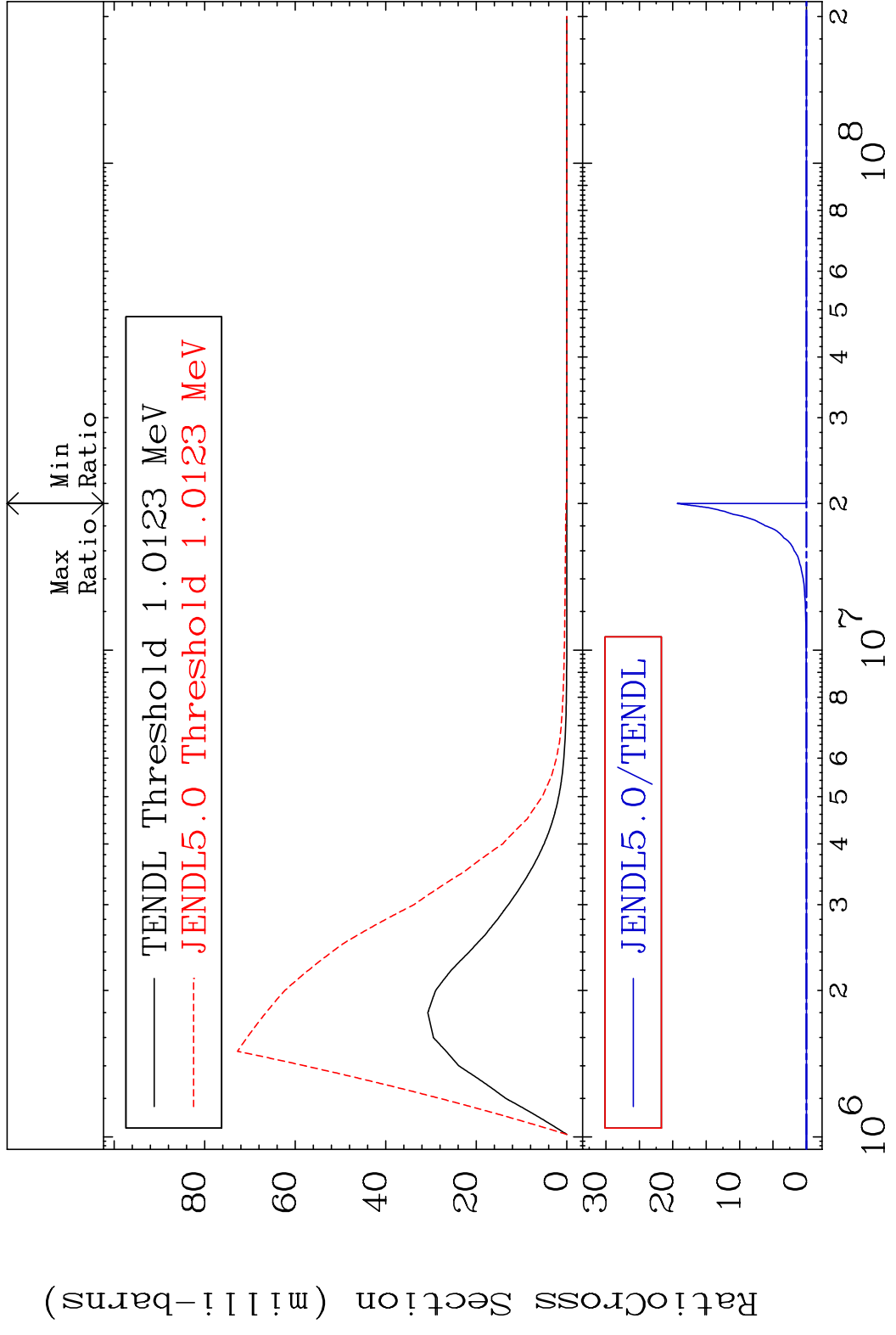


MAT 3434 MT= 67 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



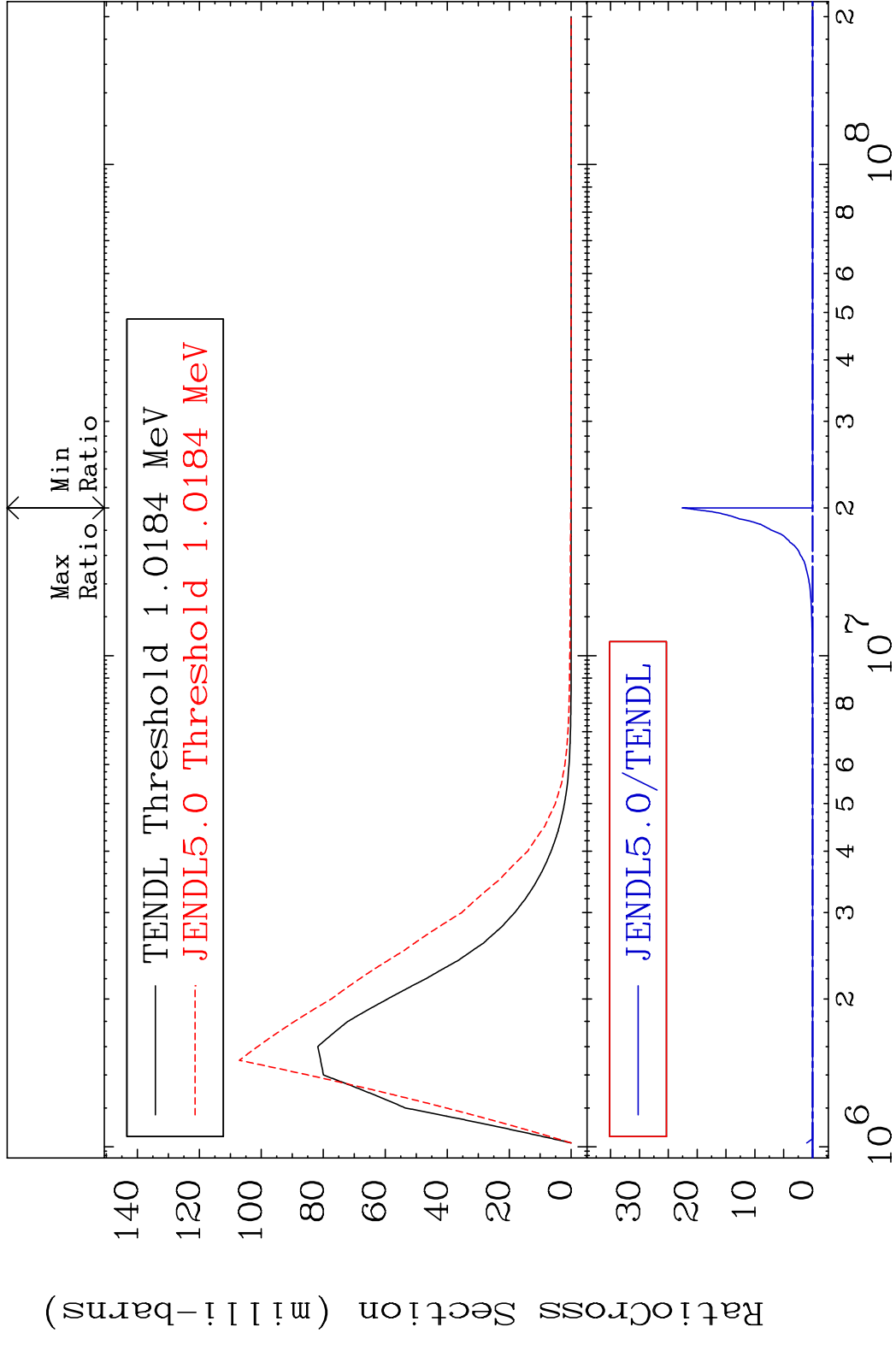
26 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 68 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



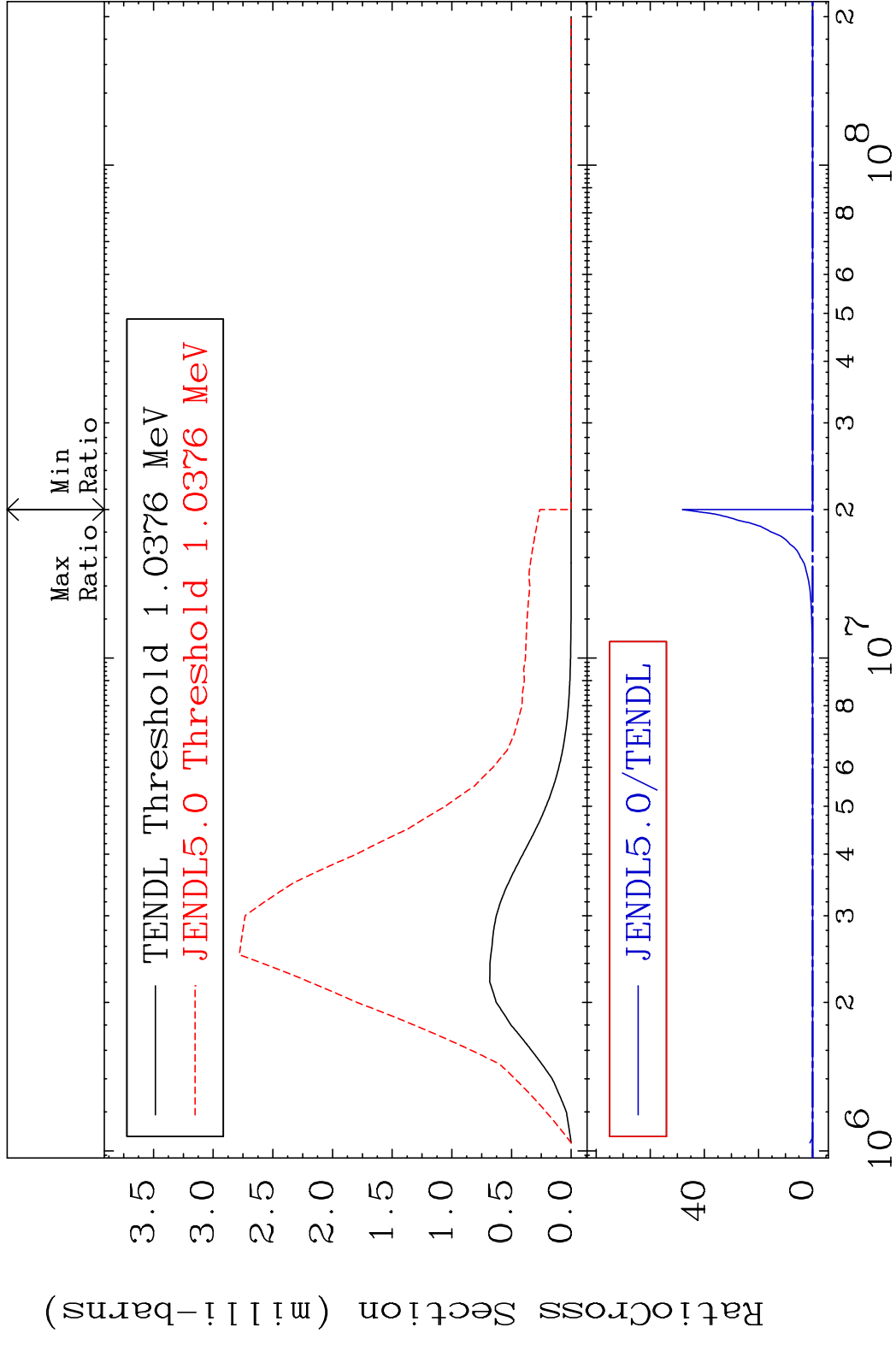
27 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 69 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

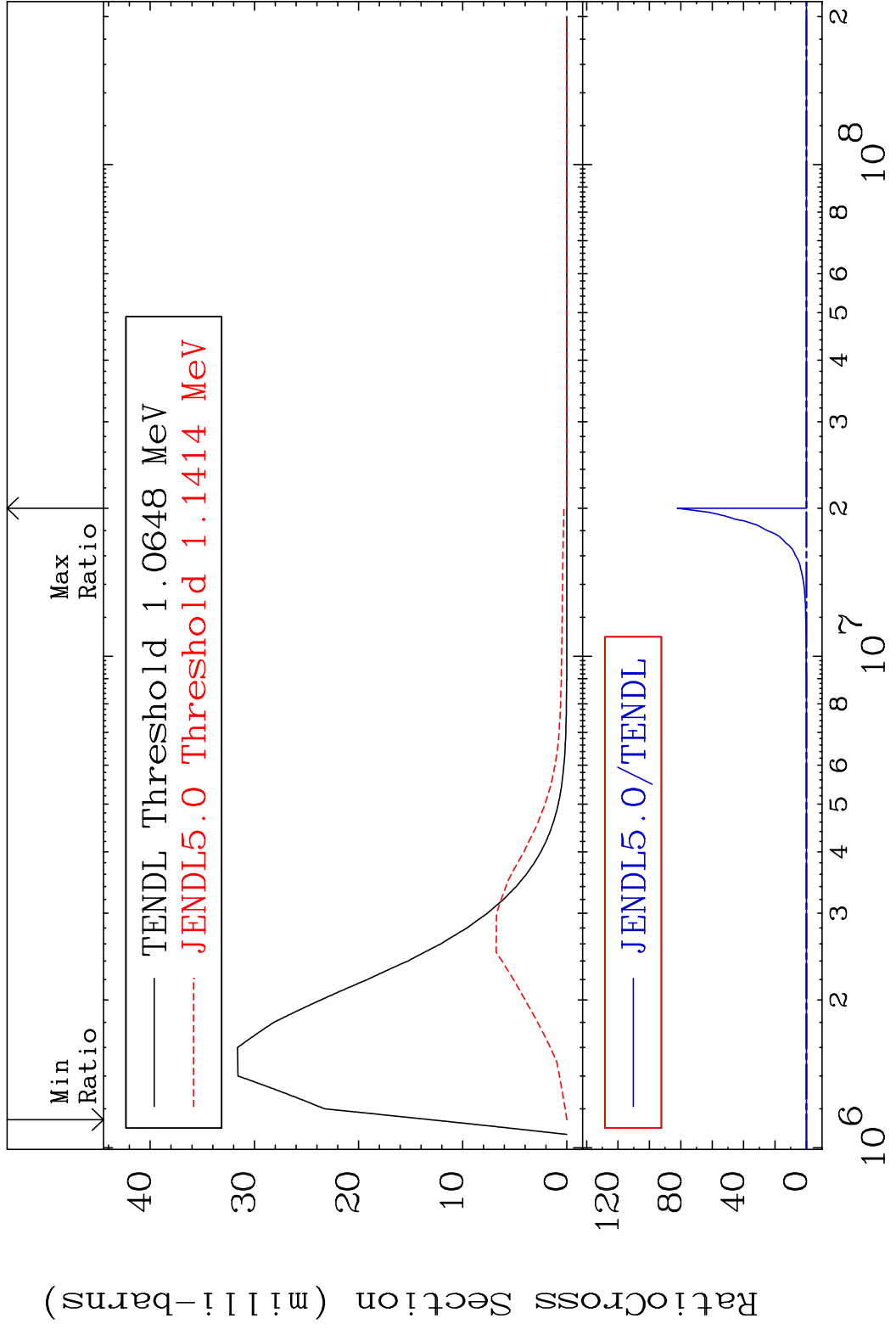


28 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 70 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

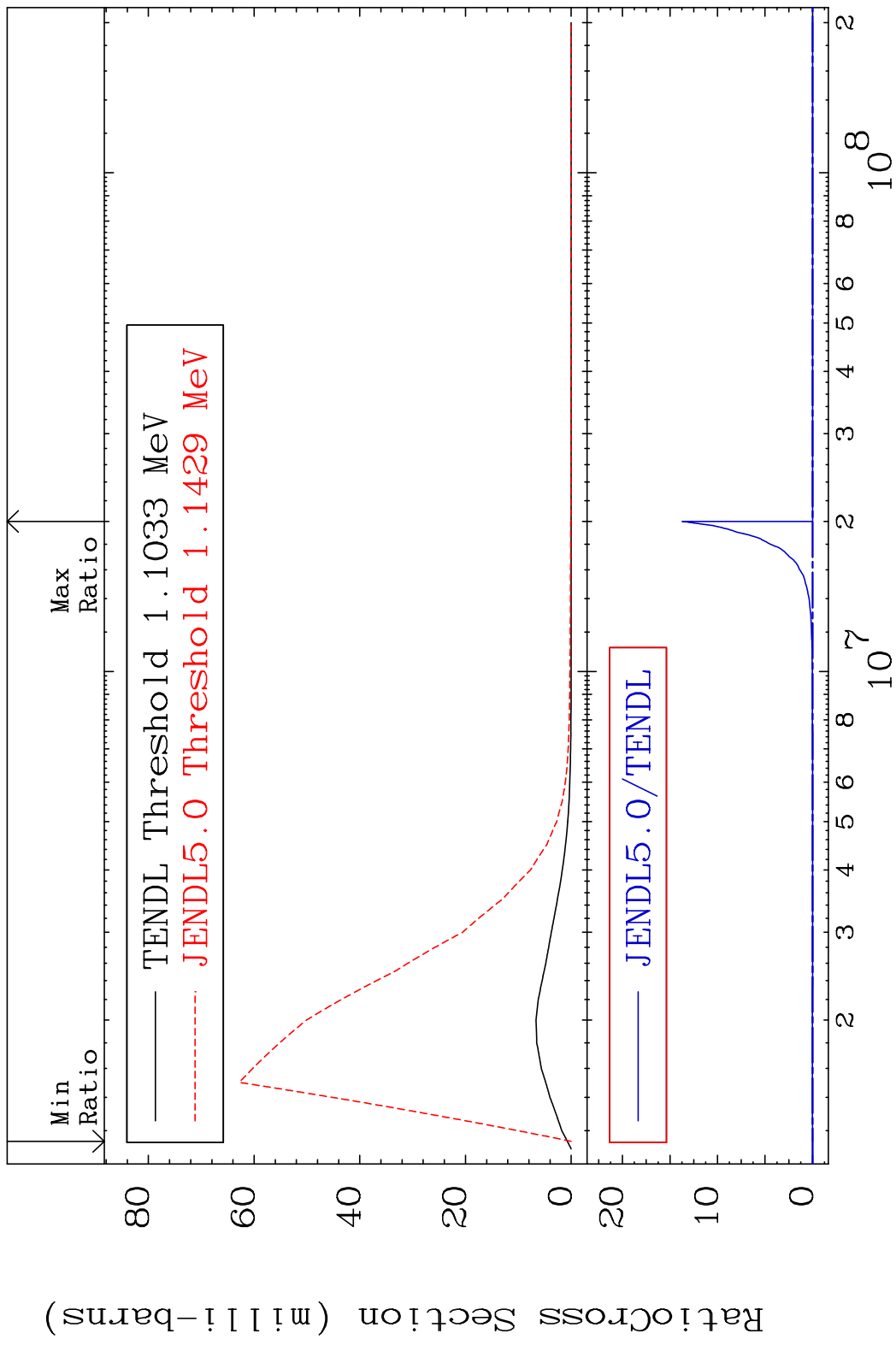


MAT 3434 MT= 71 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %

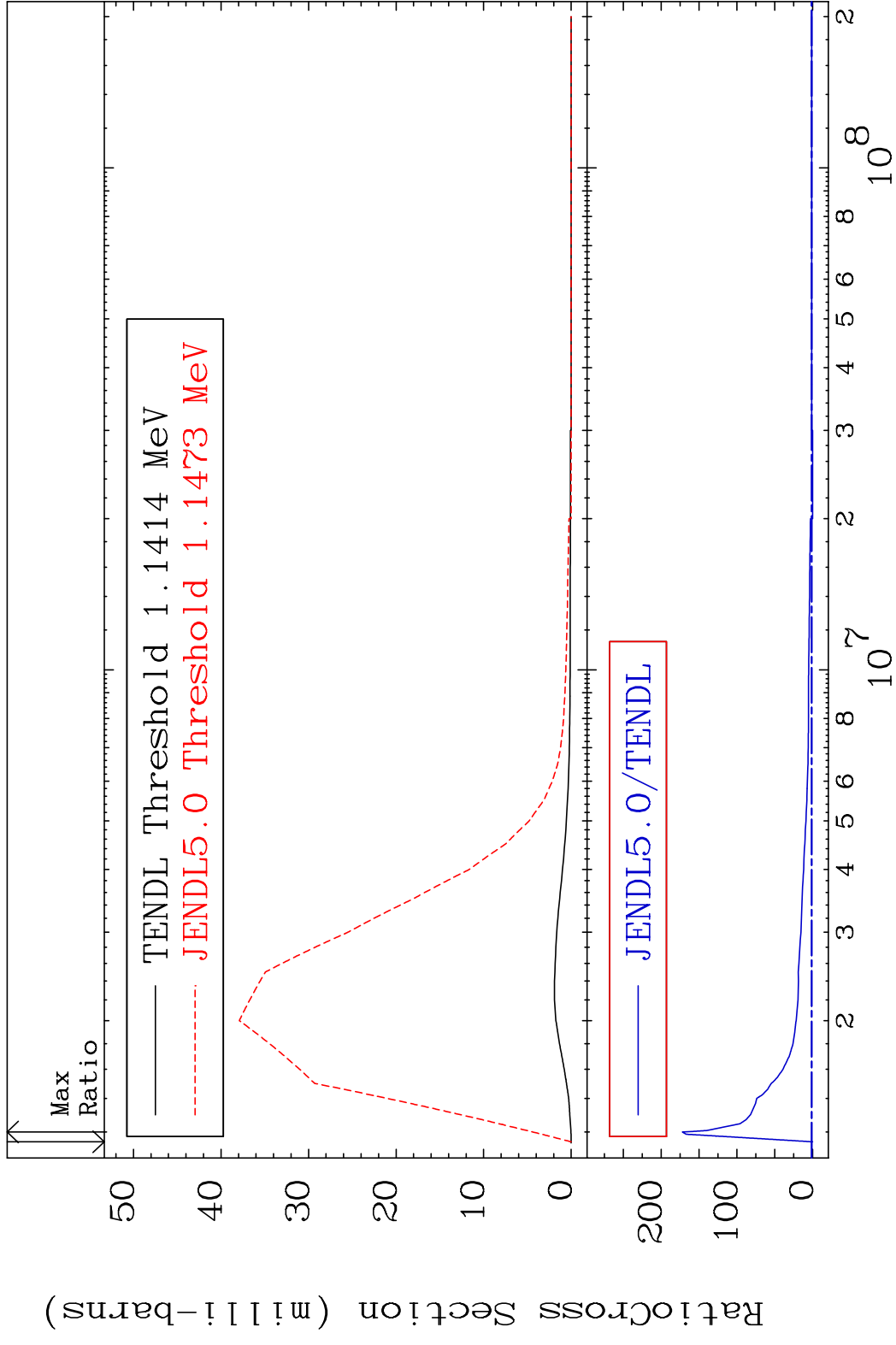


30 Incident Energy (eV) 34-Se-77

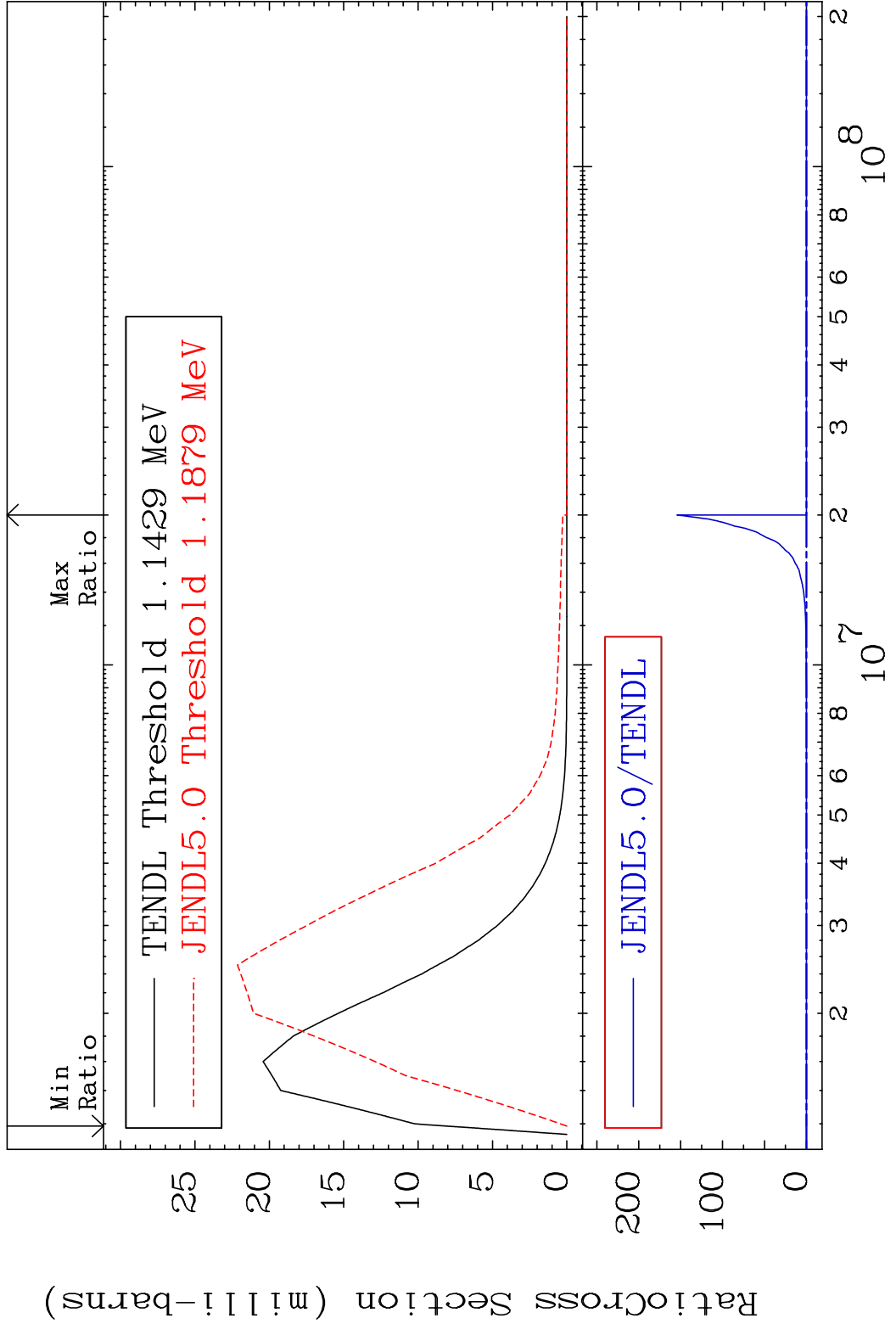
MAT 3434 MT= 72 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



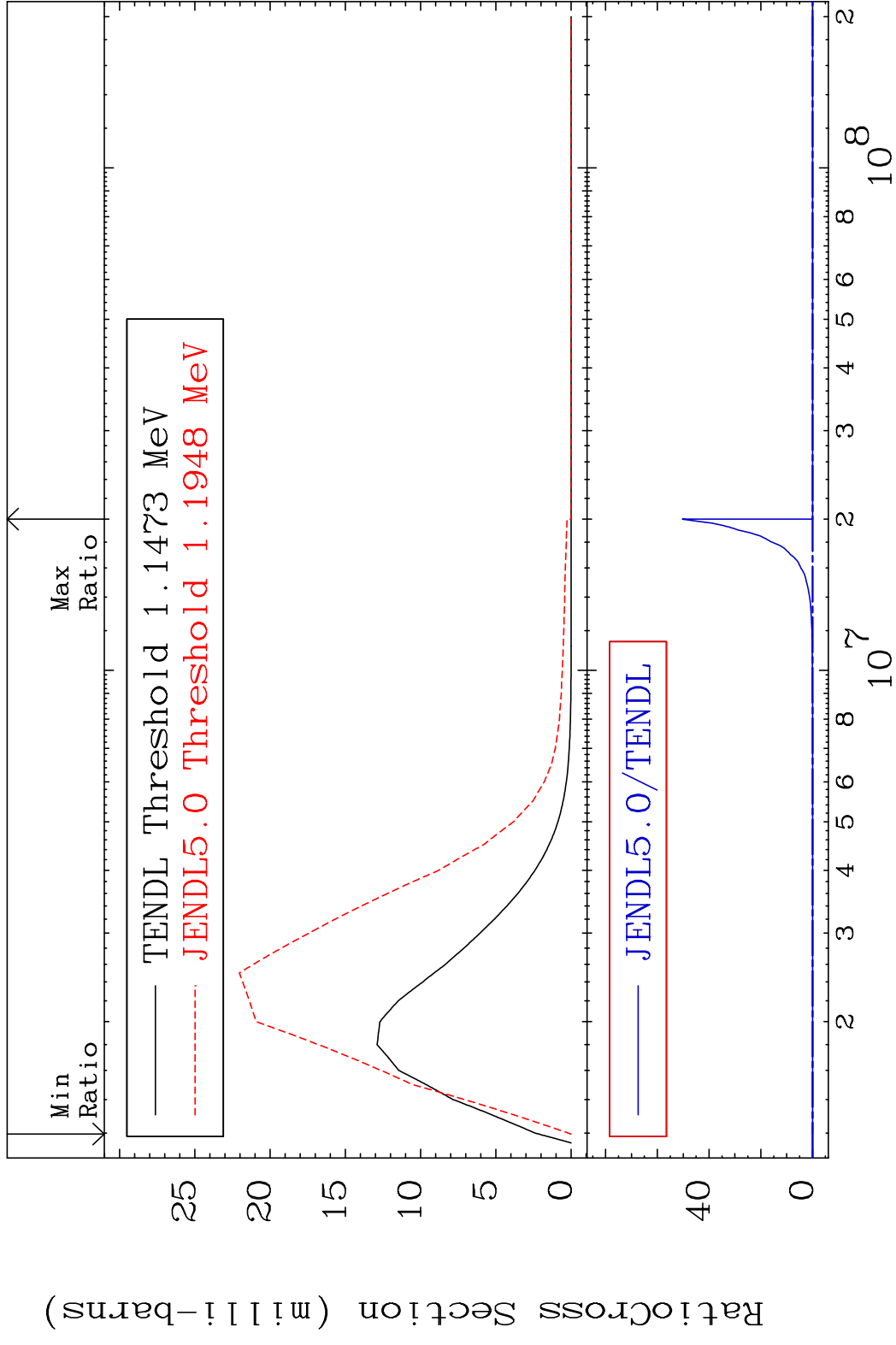
MAT 3434 MT= 73 (n,n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



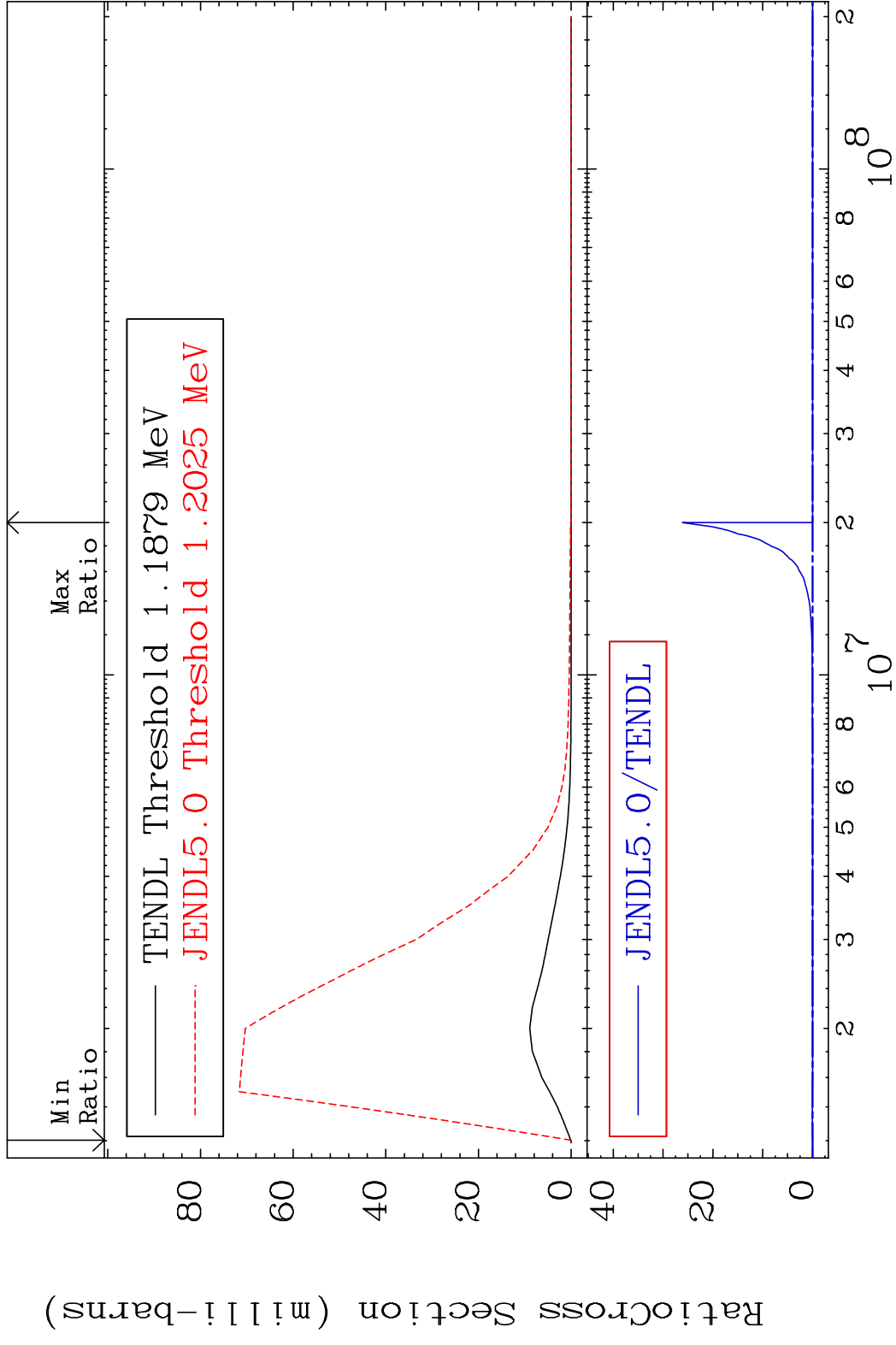
MAT 3434 MT= 74 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



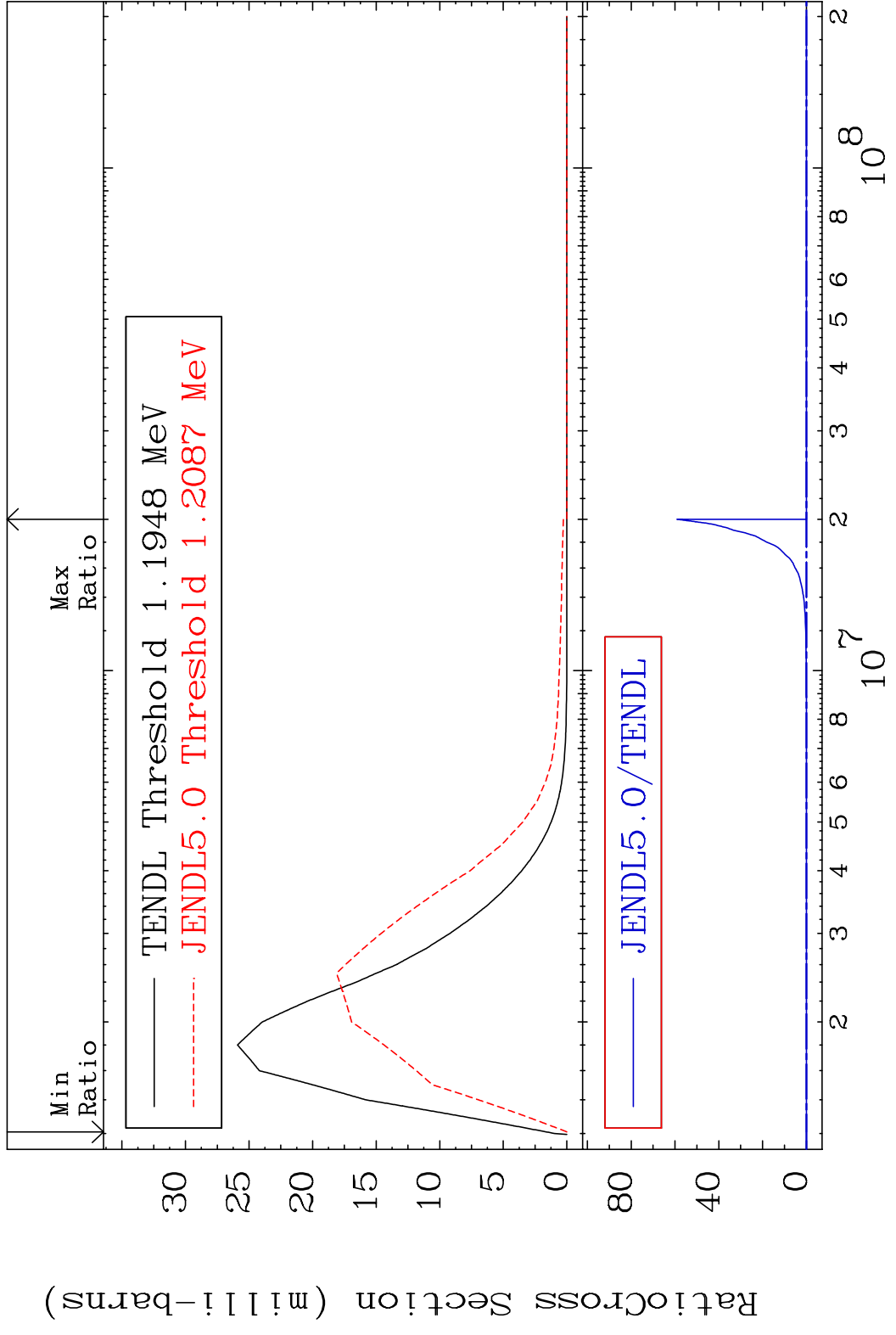
MAT 3434 MT= 75 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



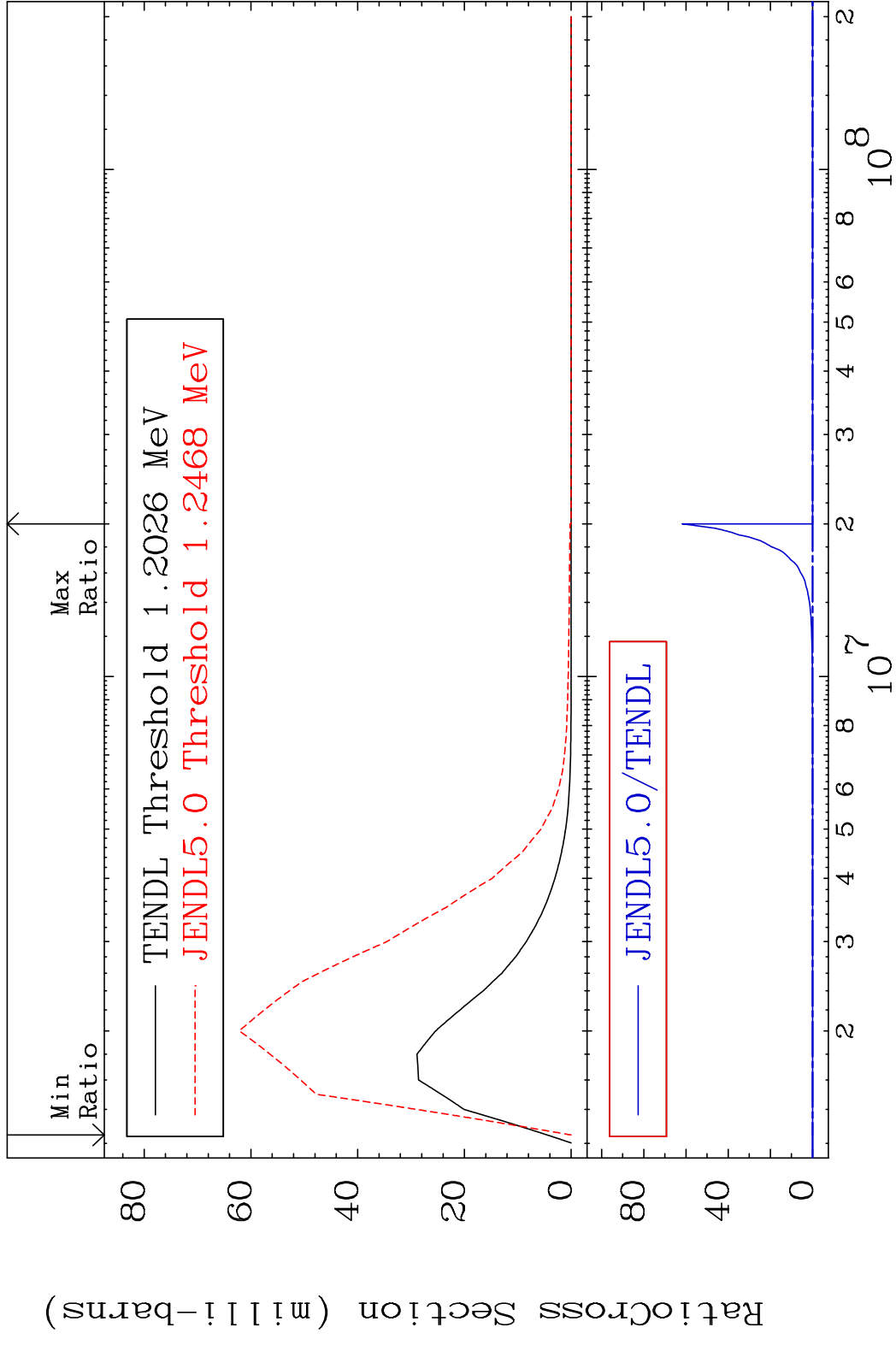
MAT 3434 MT= 76 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



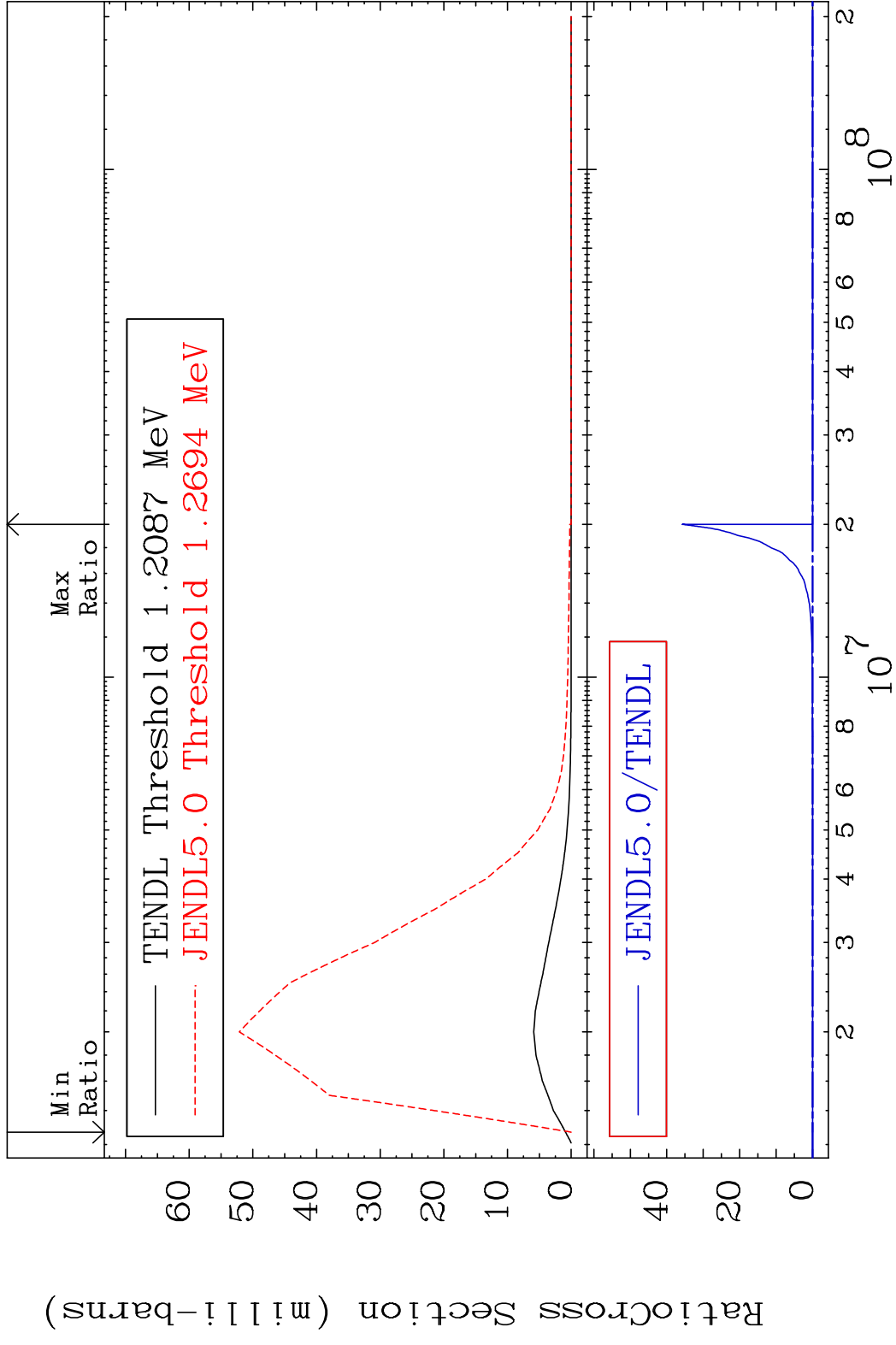
MAT 3434 MT= 77 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



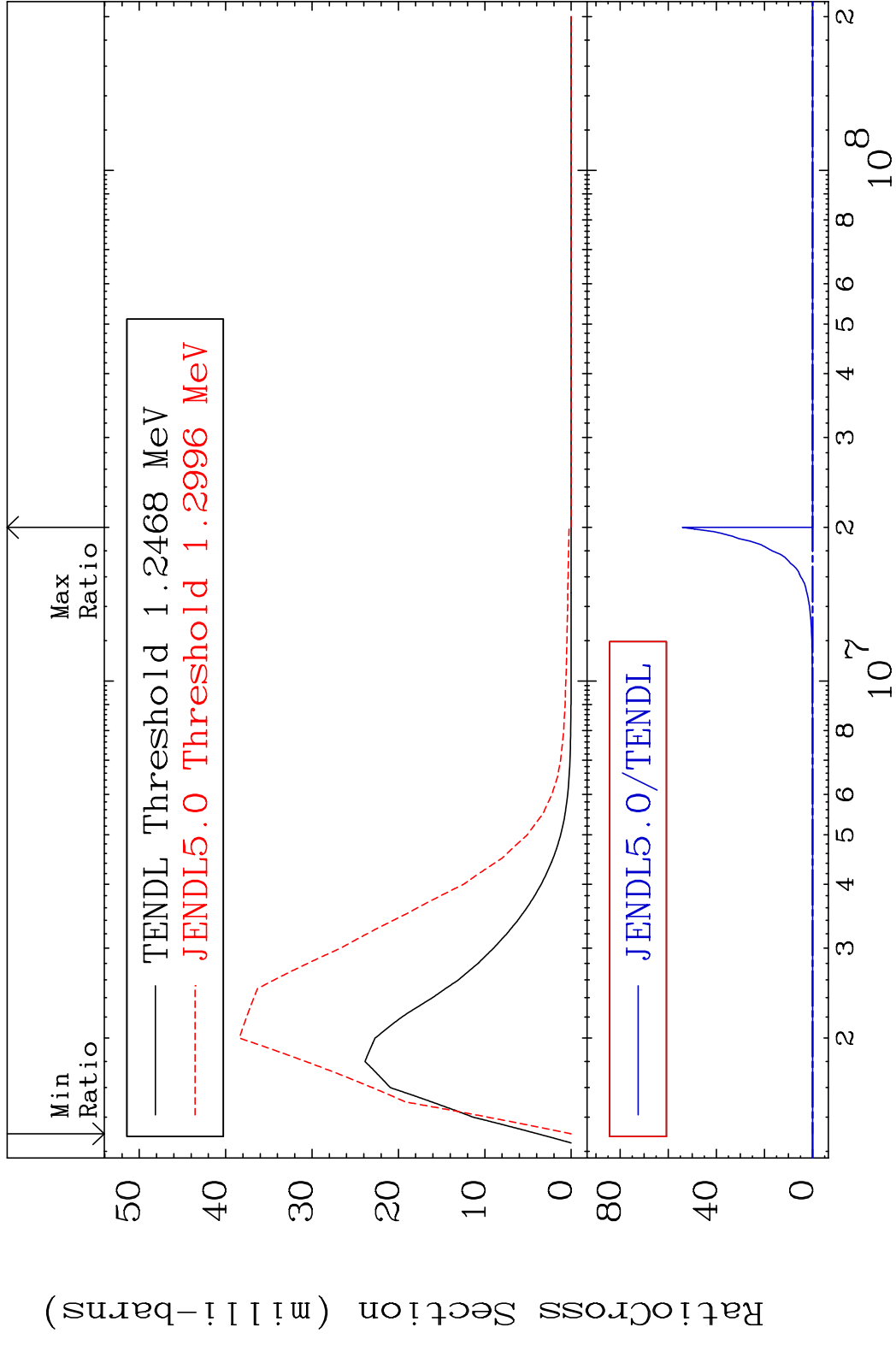
MAT 3434 MT= 78 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



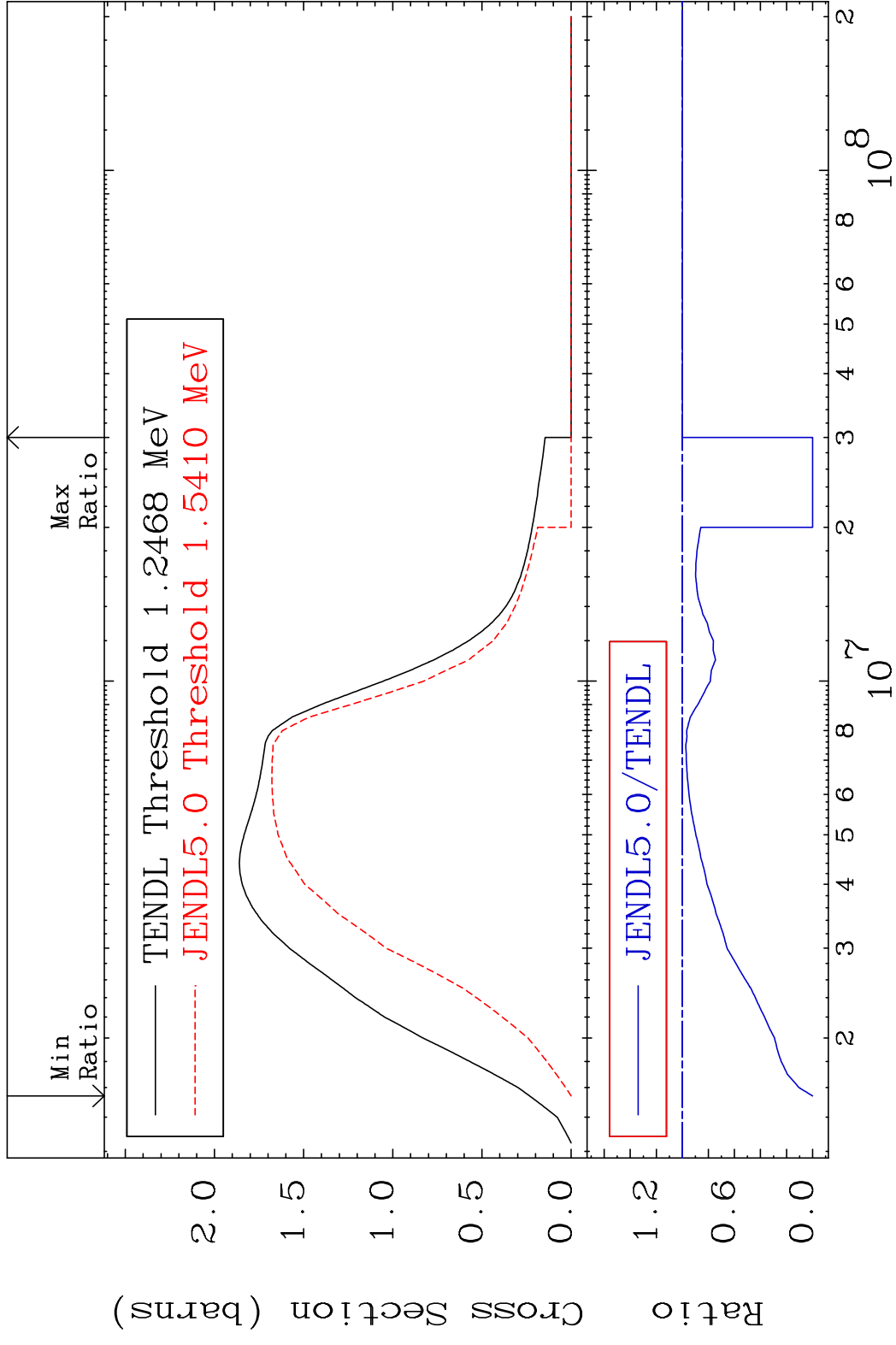
MAT 3434 MT= 79 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



MAT 3434 MT= 80 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



MAT 3434 (n,n') Continuum 34-Se-77
 Cross Section -100.0 To 0.000 %

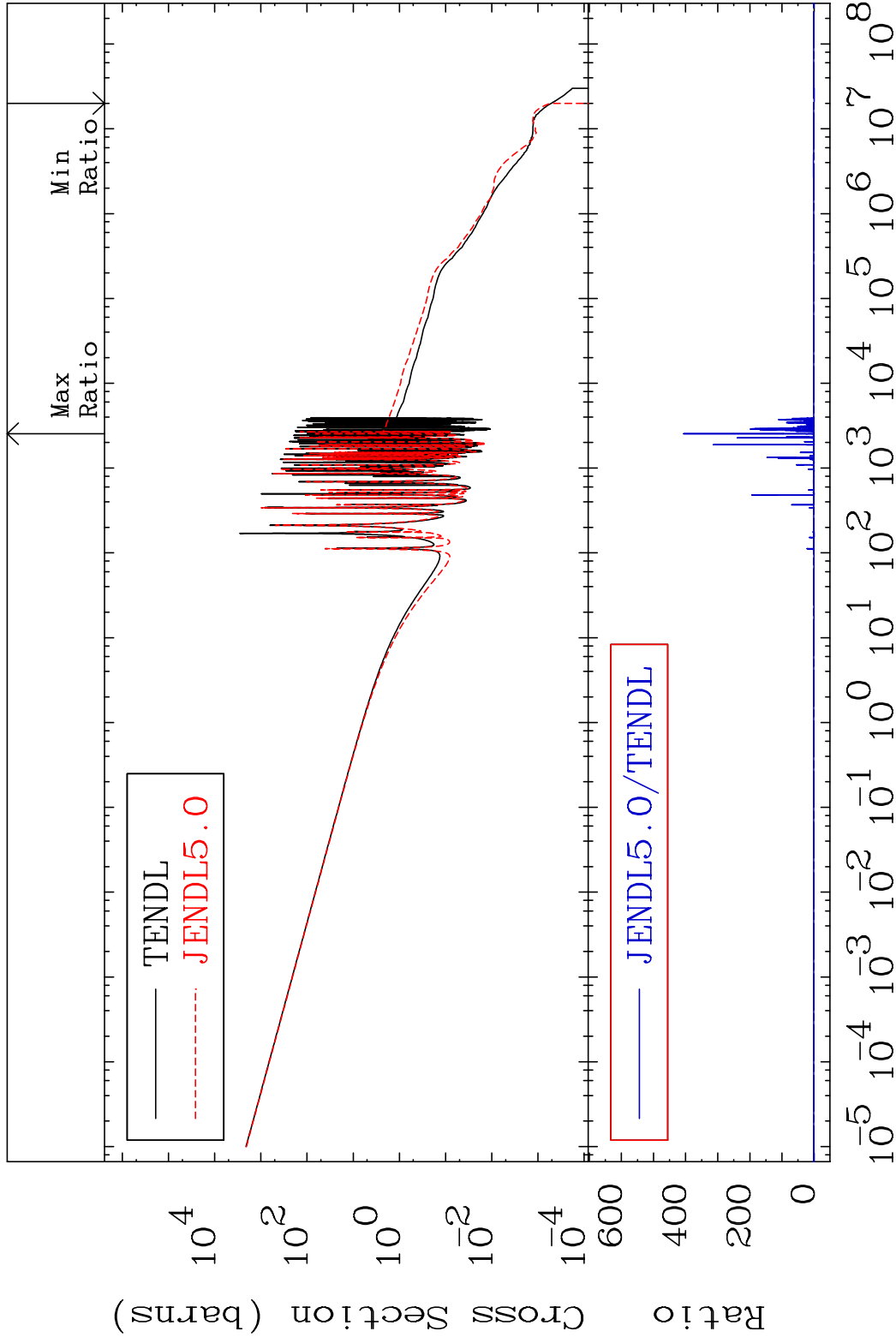


MAT 3434

(n, γ)

34-Se-77

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

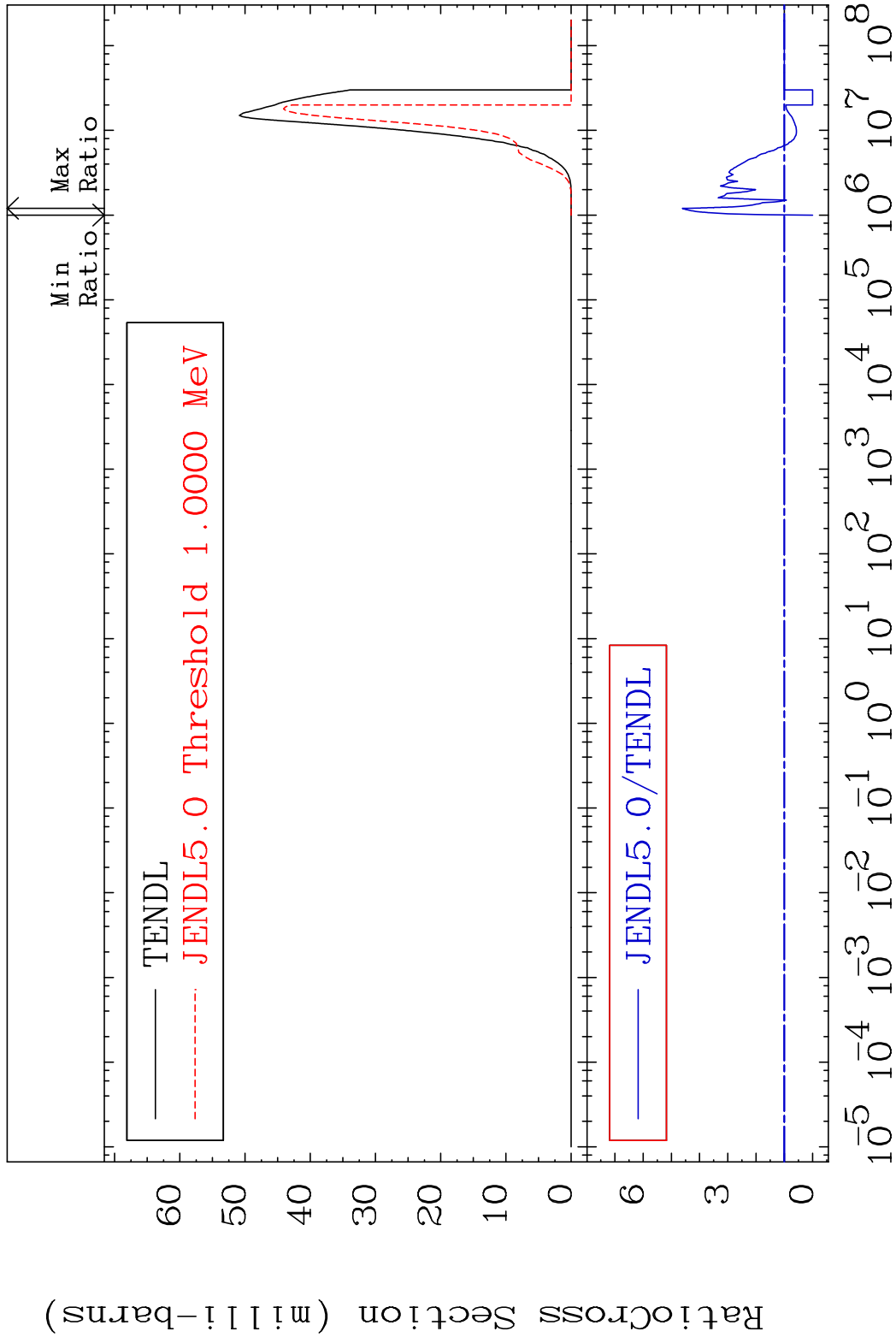
34-Se-77

MAT 3434

(n, p)

34-Se-77

Cross Section -100.0 To 361.1 %



42

Incident Energy (eV)

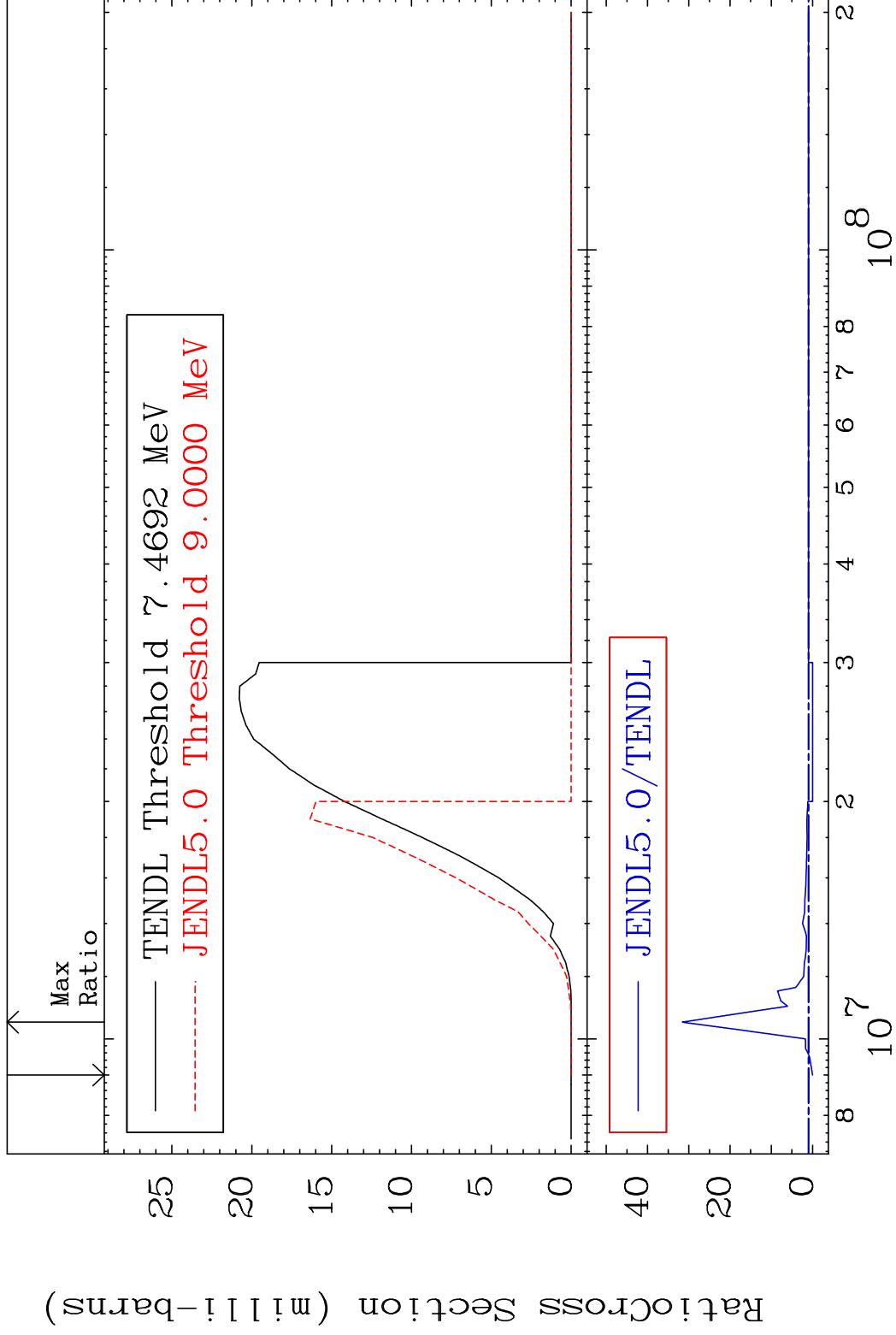
34-Se-77

MAT 3434

(n,d)

³⁴Se-77

Cross Section -100.0 To 3056. %



43

Incident Energy (eV)

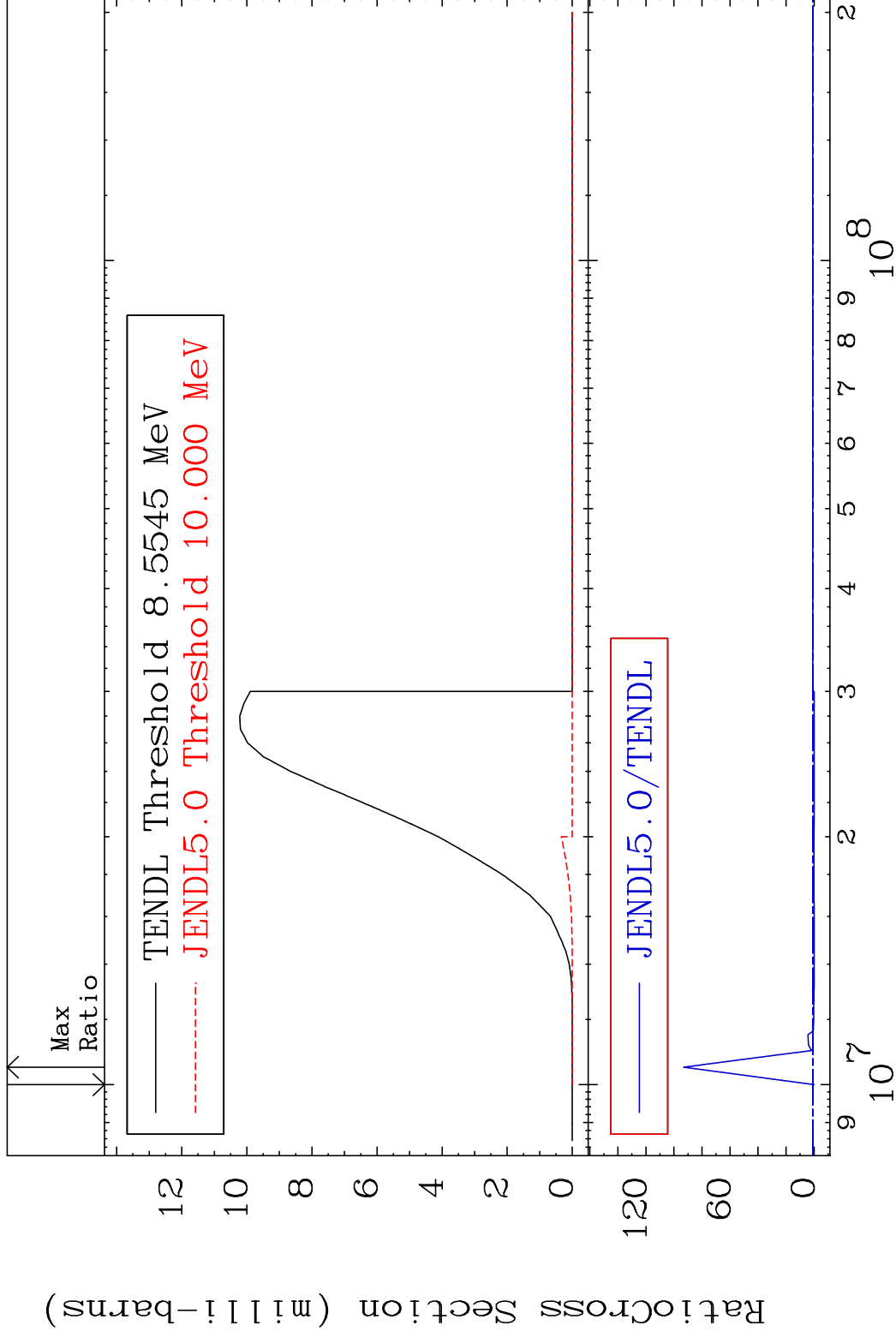
³⁴Se-77

MAT 3434

(n, t)

34-Se-77

Cross Section -100.0 To 9209. %



44

Incident Energy (eV)

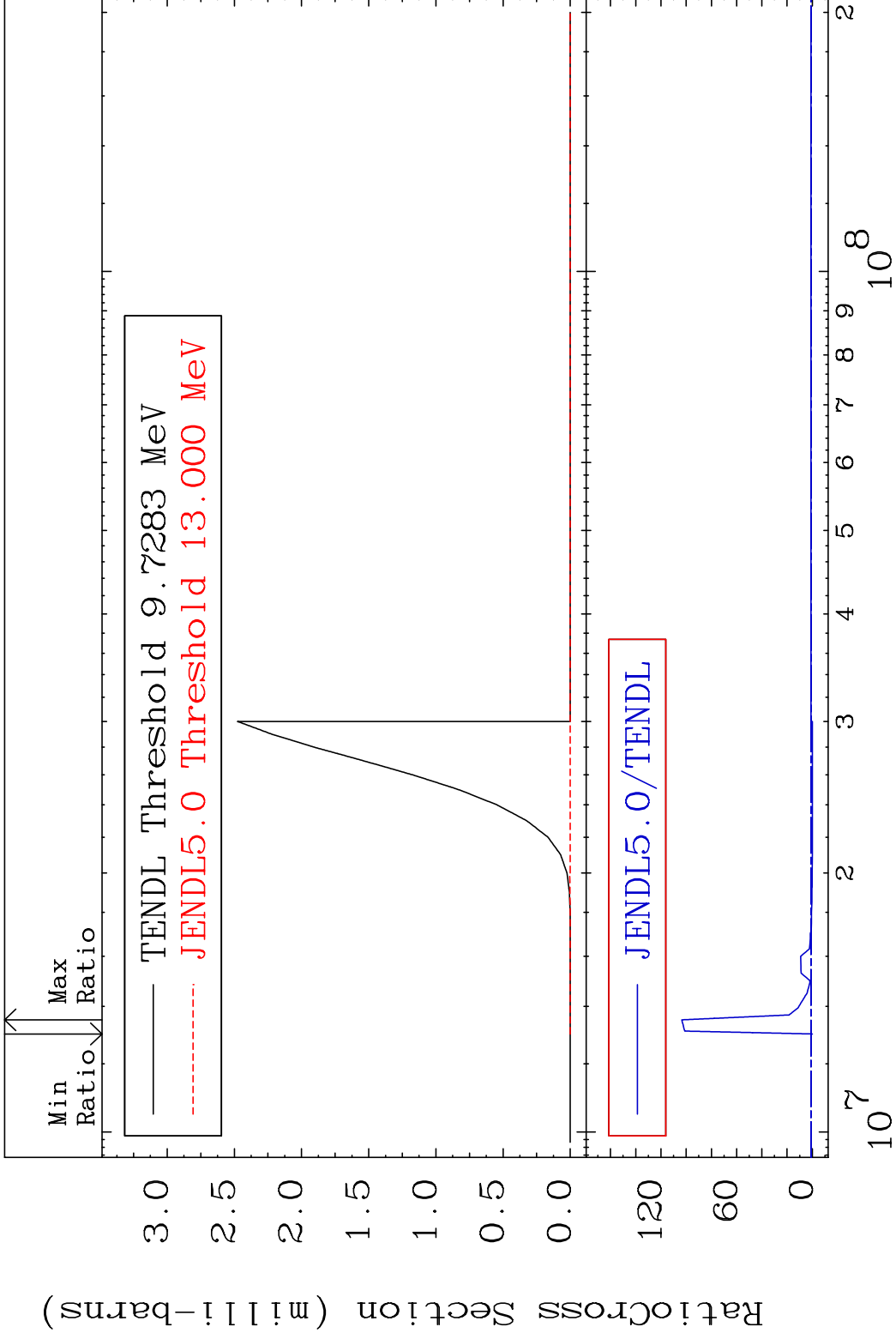
34-Se-77

MAT 3434

(n, He-3)

34-Se-77

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

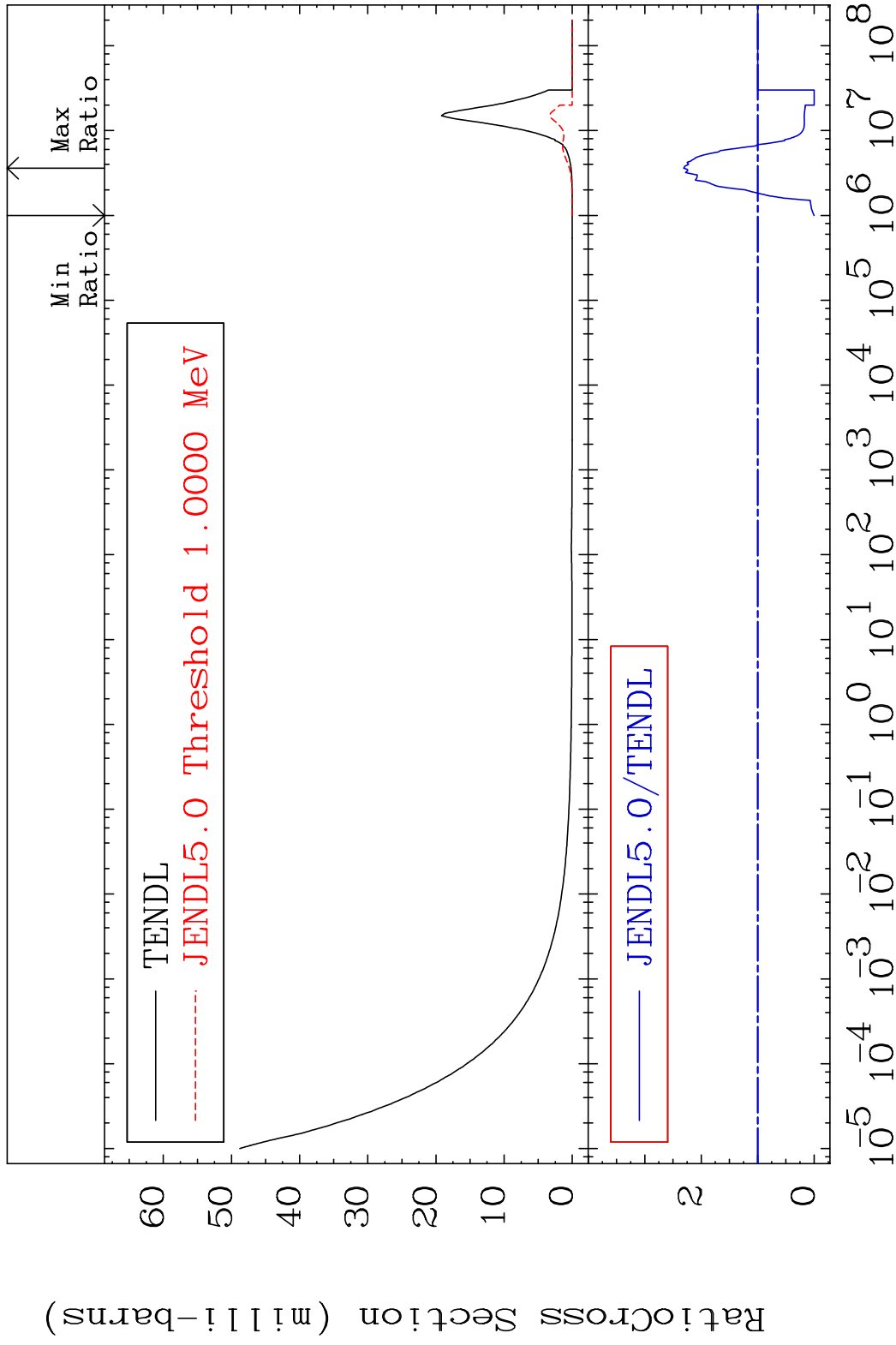
34-Se-77

MAT 3434

(n, α)

34-Se-77

Cross Section -100.0 To 131.1 %



46

Incident Energy (eV)

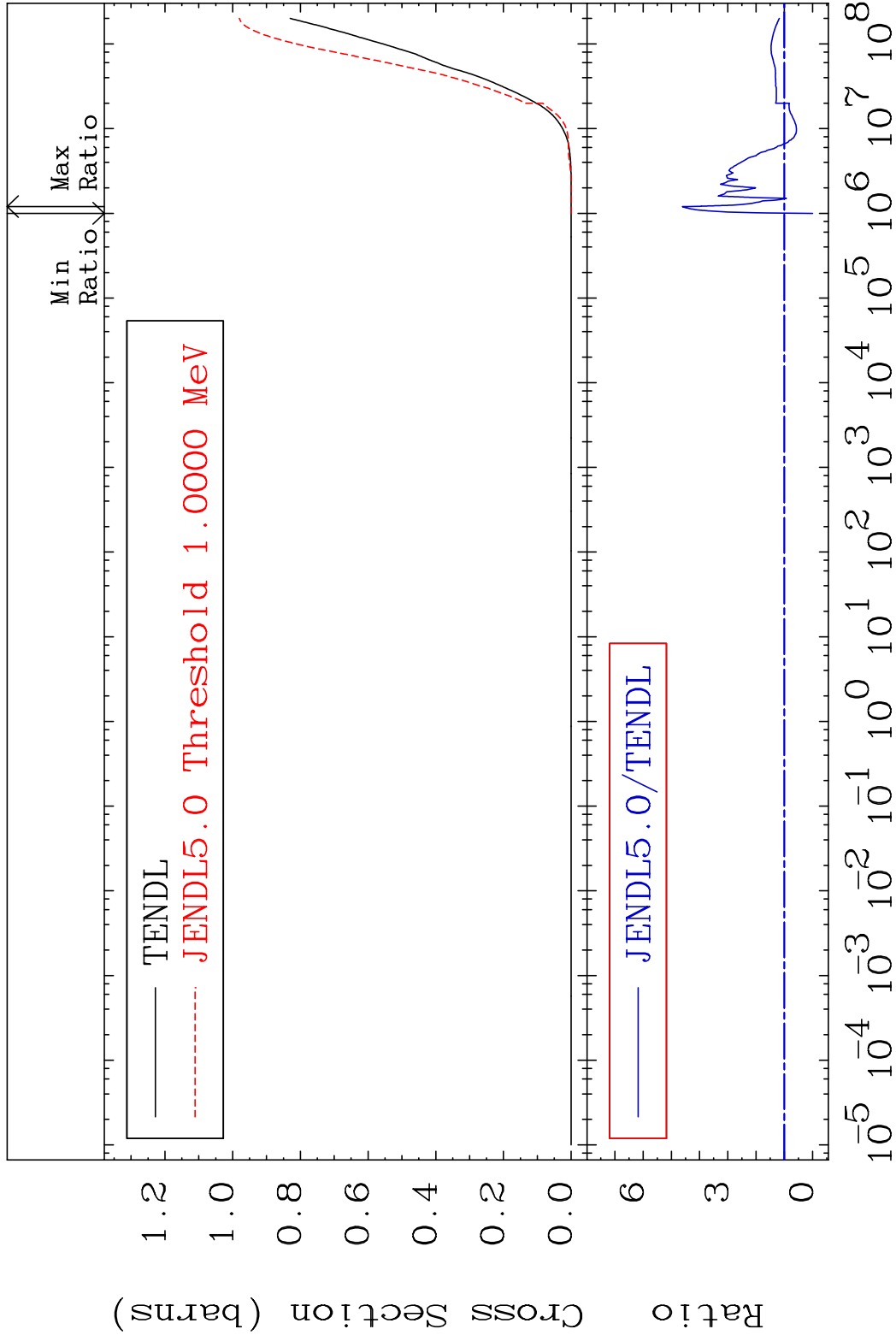
34-Se-77

MAT 3434

Hydrogen Production

34-Se-77

Cross Section -100.0 To 361.1 %

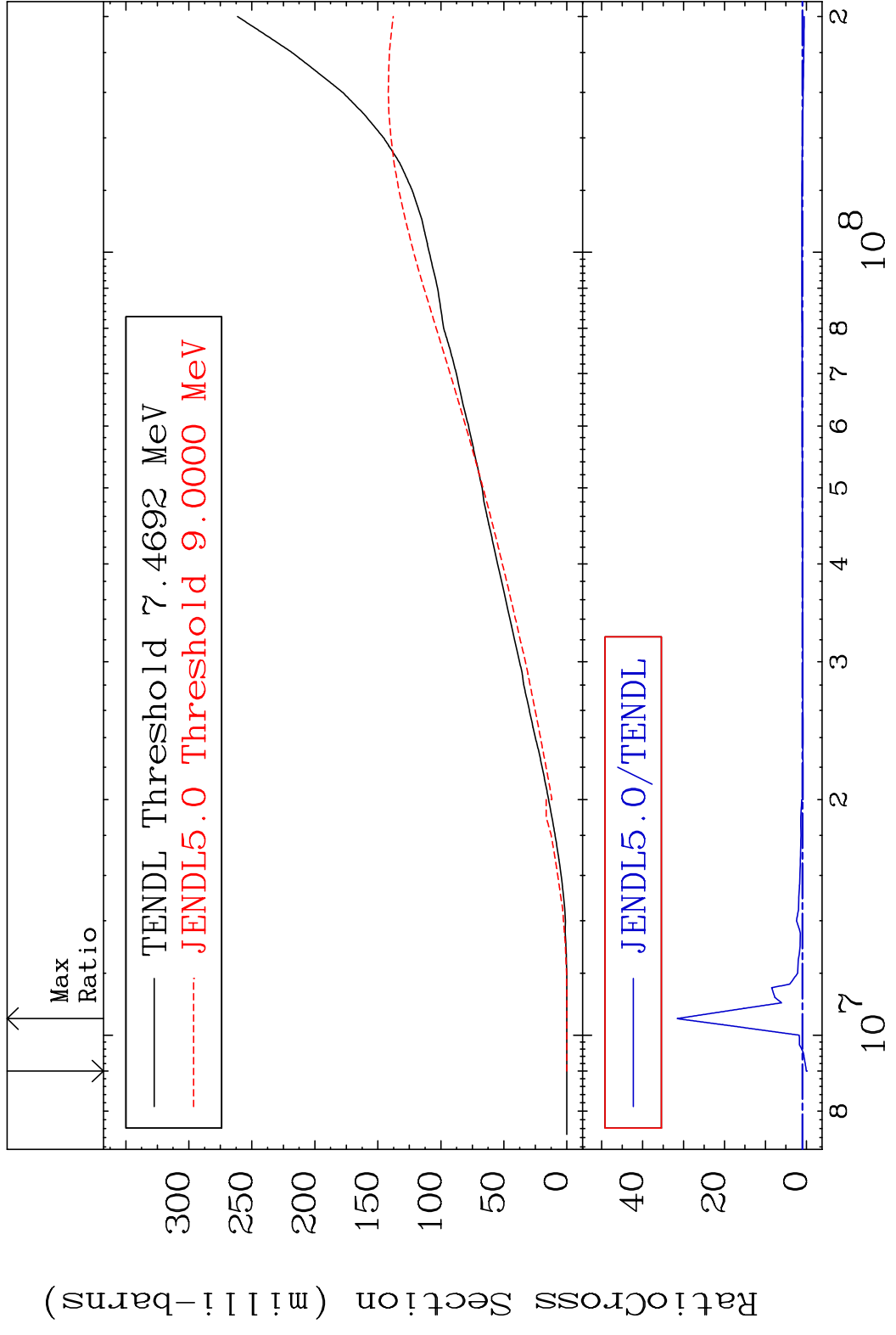


47

Incident Energy (eV)

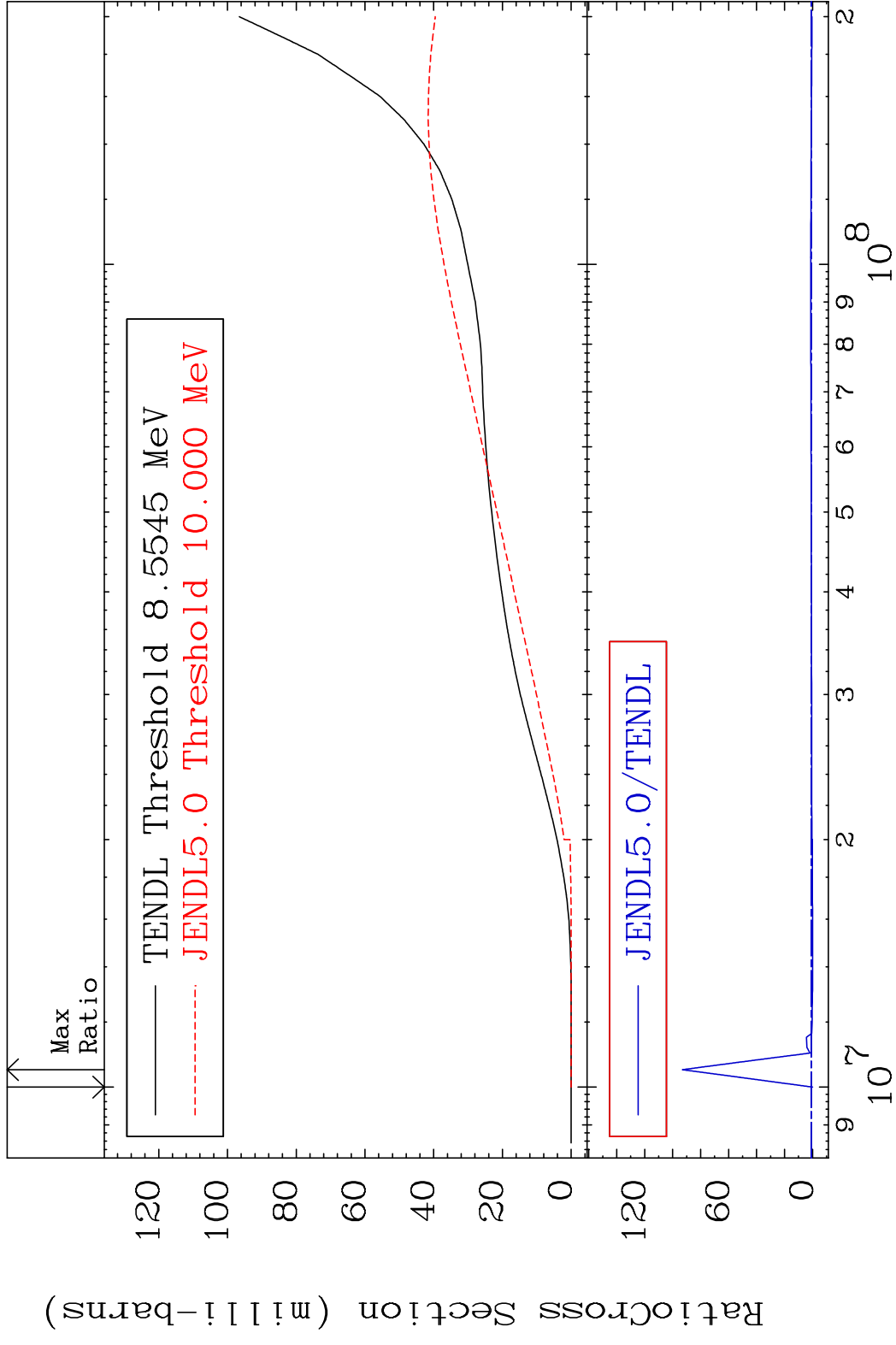
34-Se-77

MAT 3434 Deuterium Production 34-Se-77
 Cross Section -100.0 To 3056. %



48 34-Se-77

MAT 3434 Tritium Production 34-Se-77
 Cross Section -100.0 To 9209. %



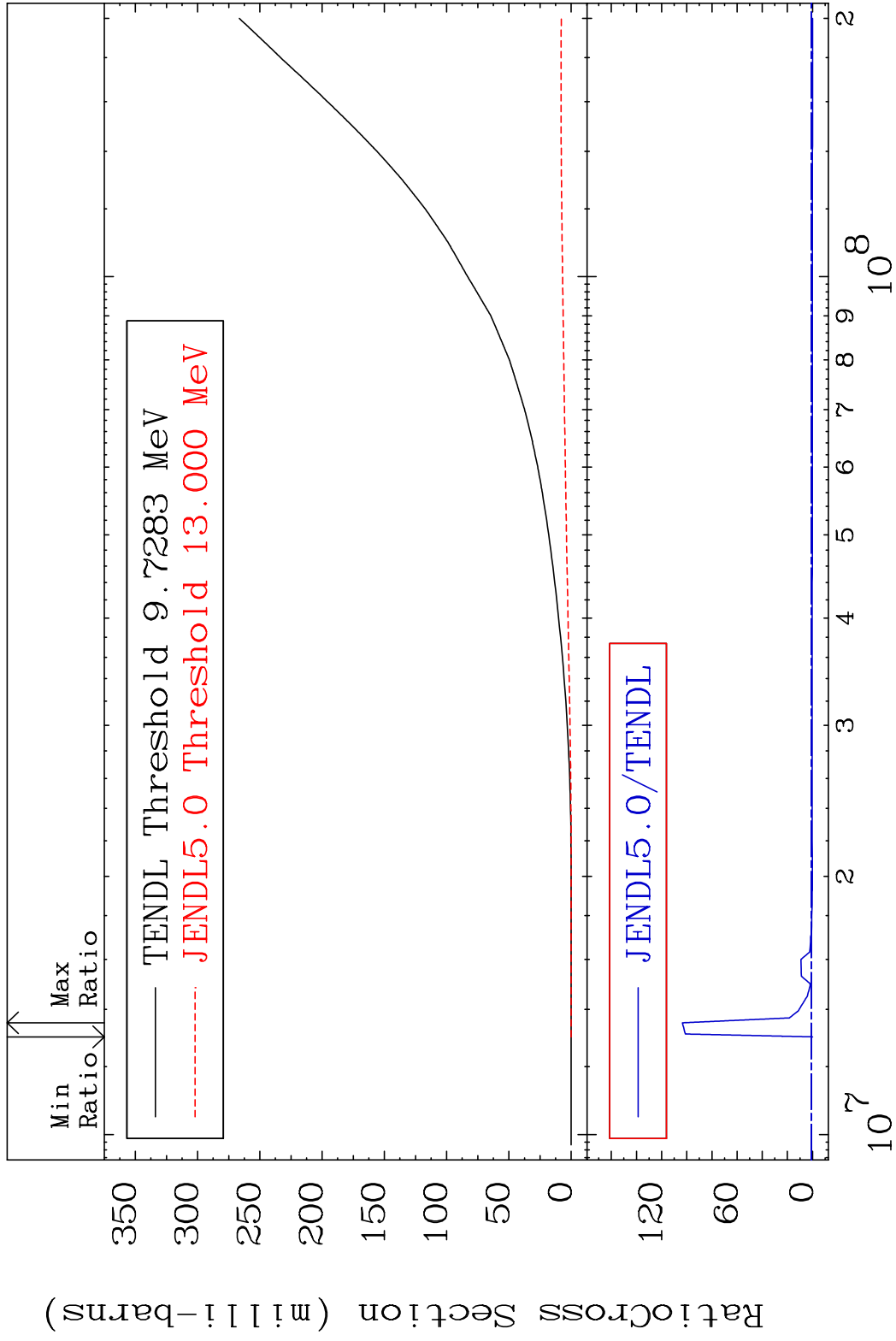
49 Incident Energy (eV) 34-Se-77

MAT 3434

He-3 Production

34-Se-77

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

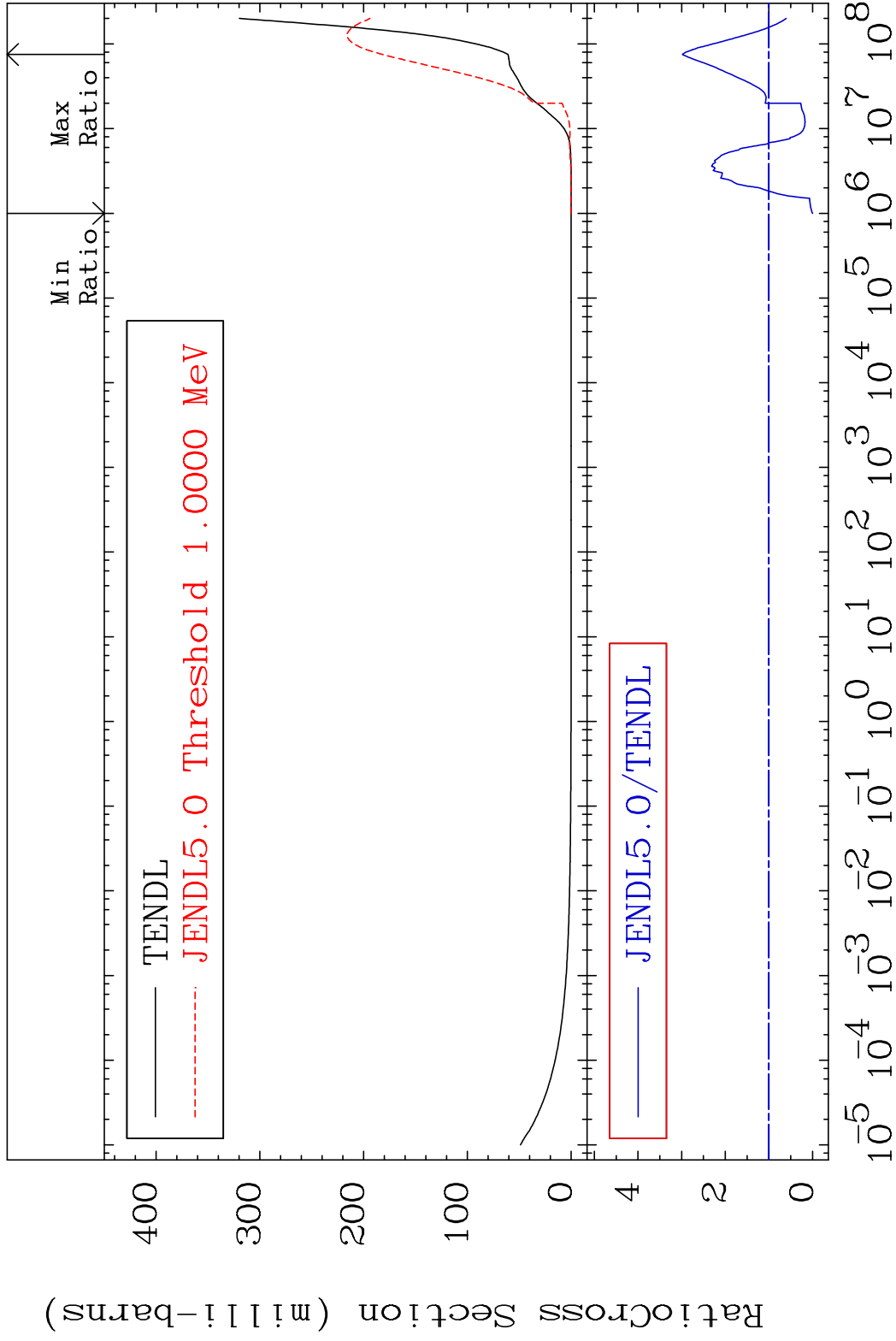
34-Se-77

MAT 3434

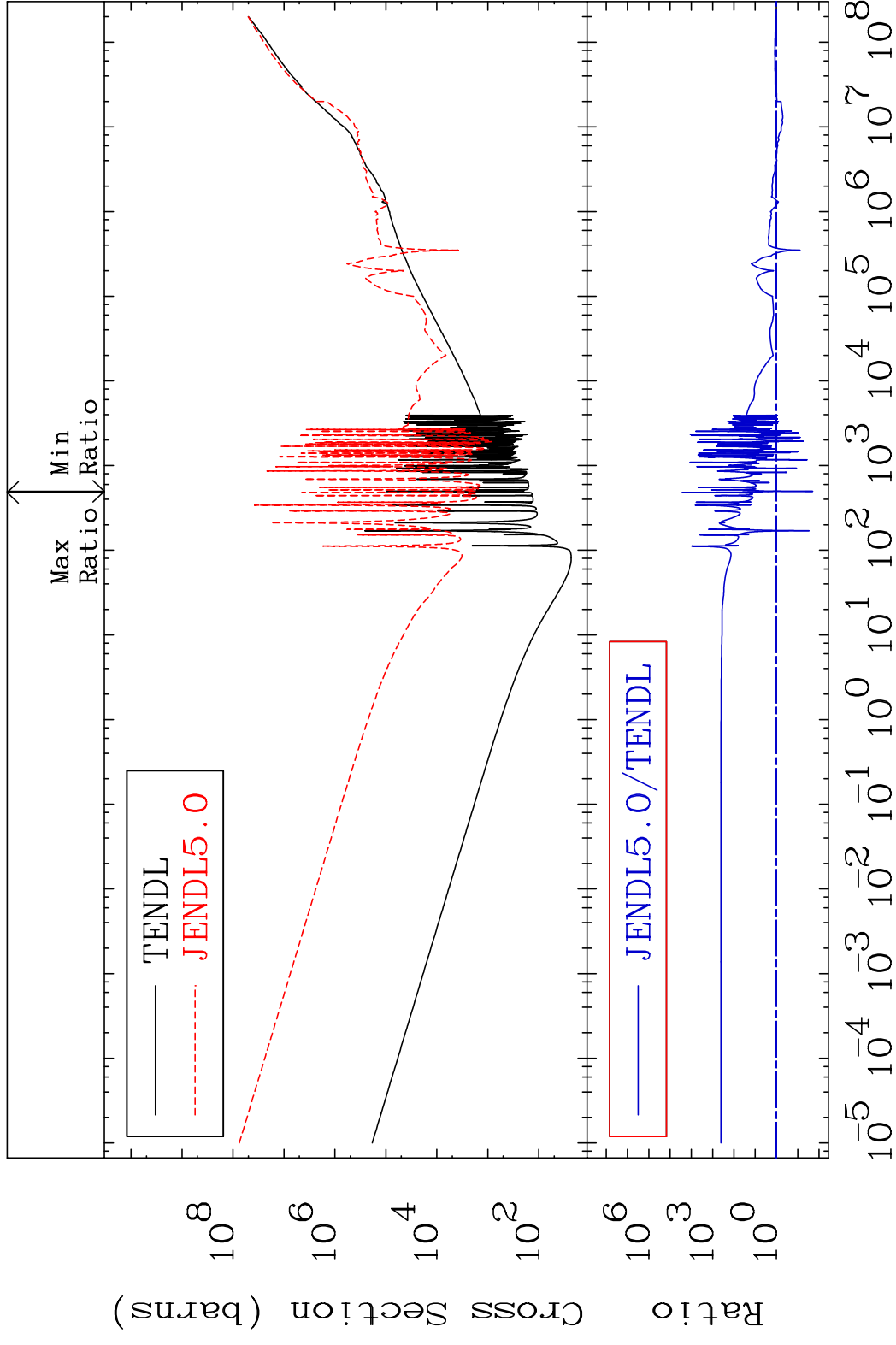
He-4 Production

34-Se-77

Cross Section -100.0 To 198.3 %

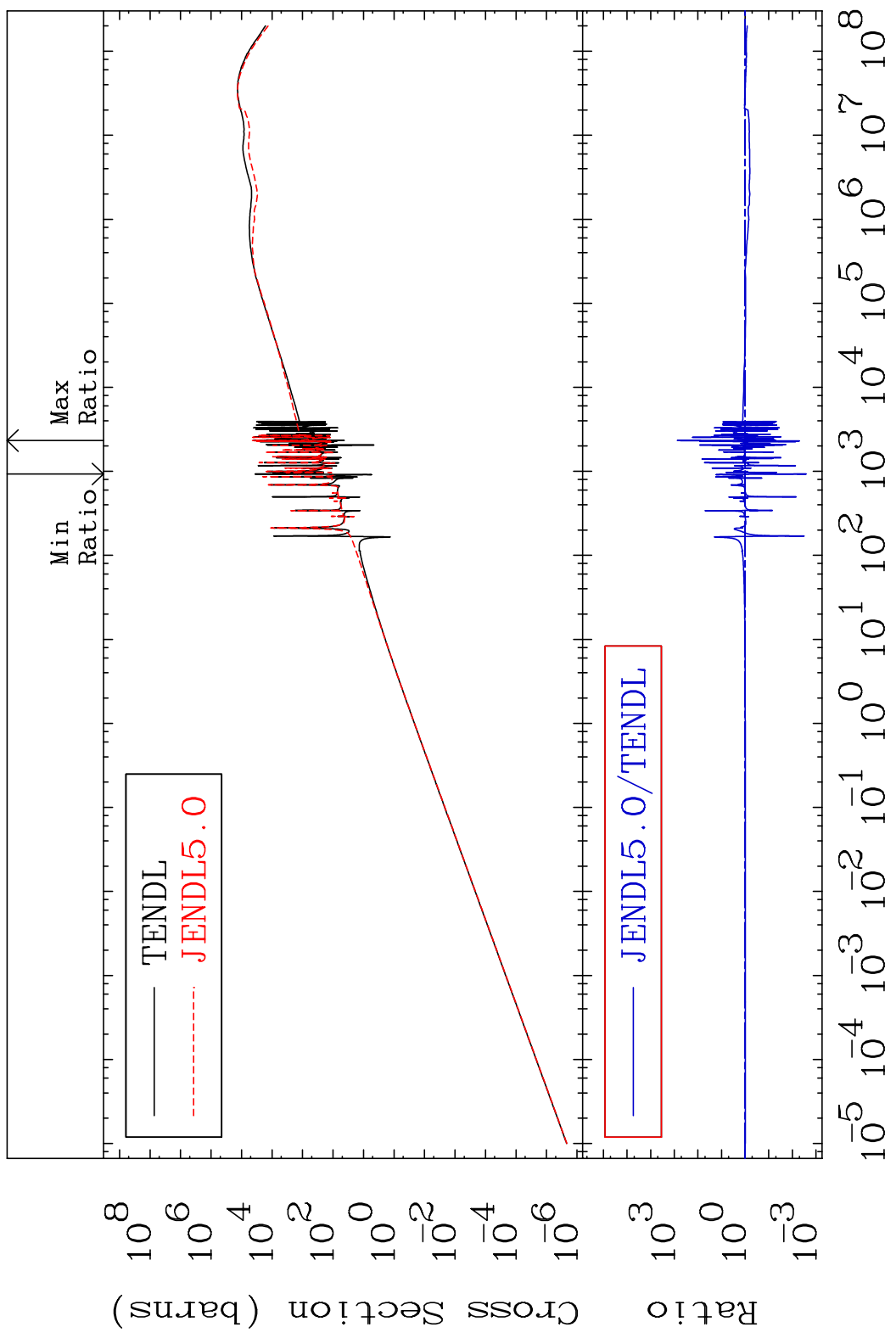


MAT 3434 Kerma total (eV-barns) 34-Se-77
 Cross Section -97.99 To 9999. %

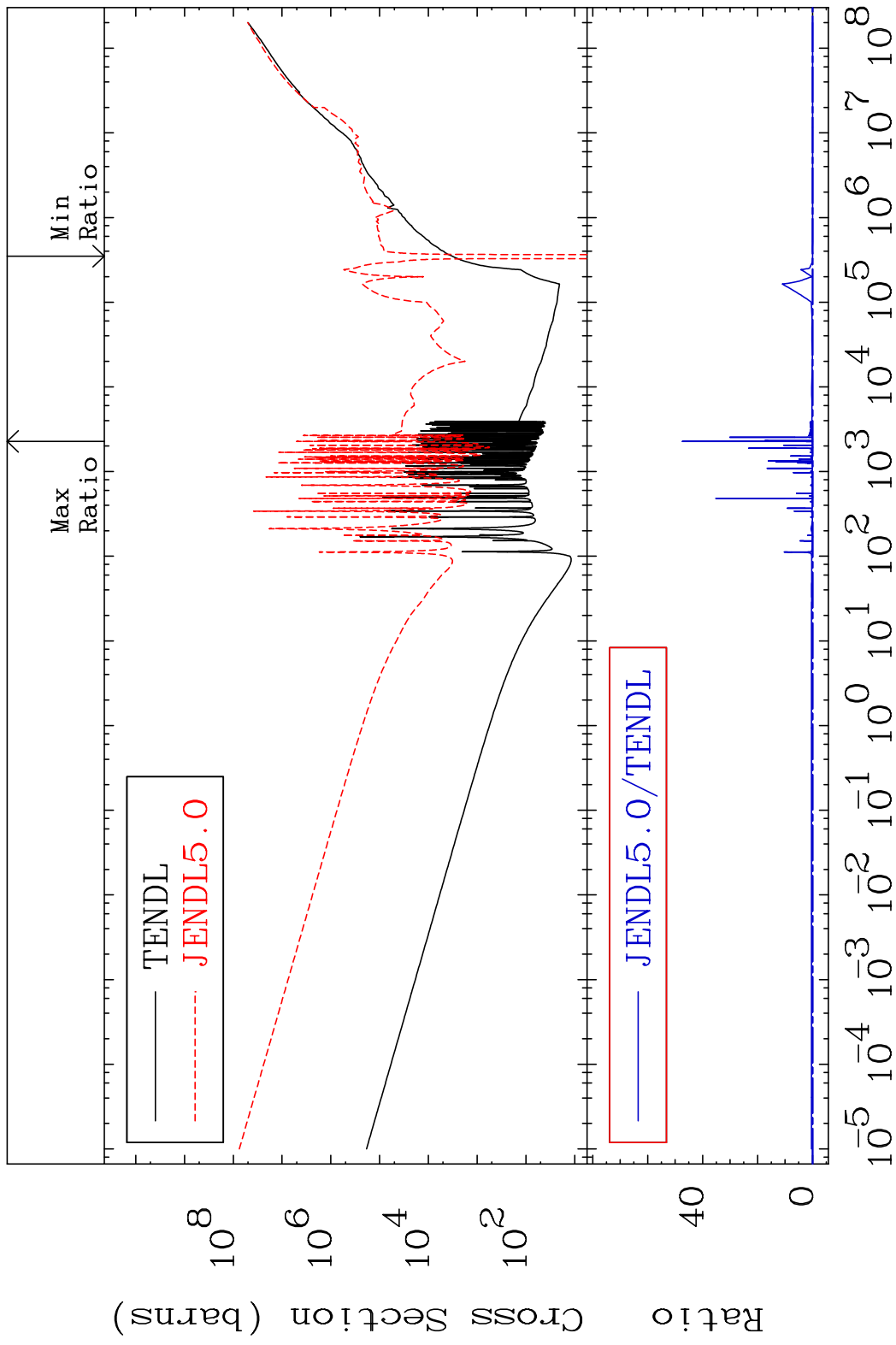


MAT 3434

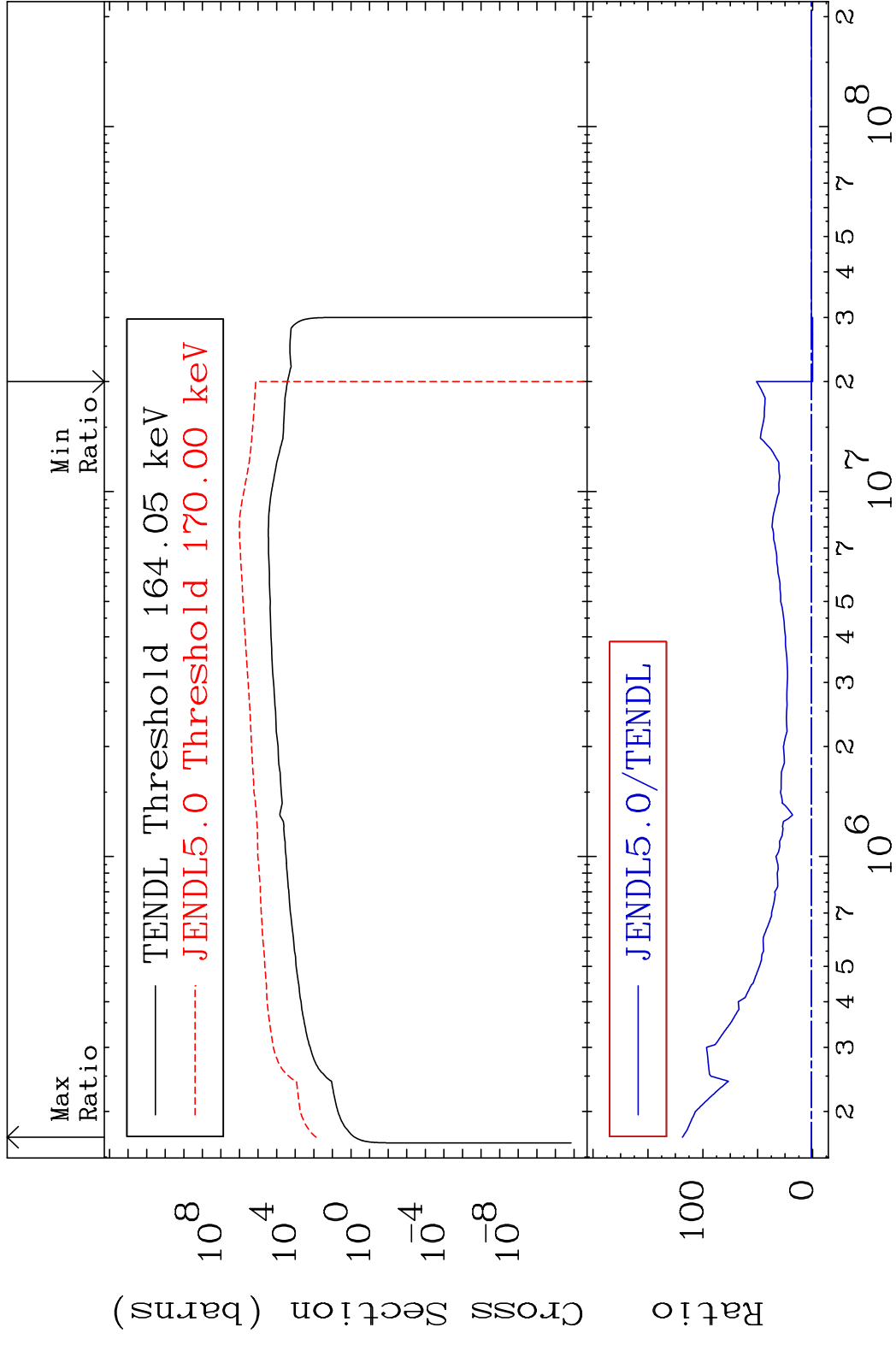
Kerma elastic Cross Section -99.75 To 9999. %
34-Se-77



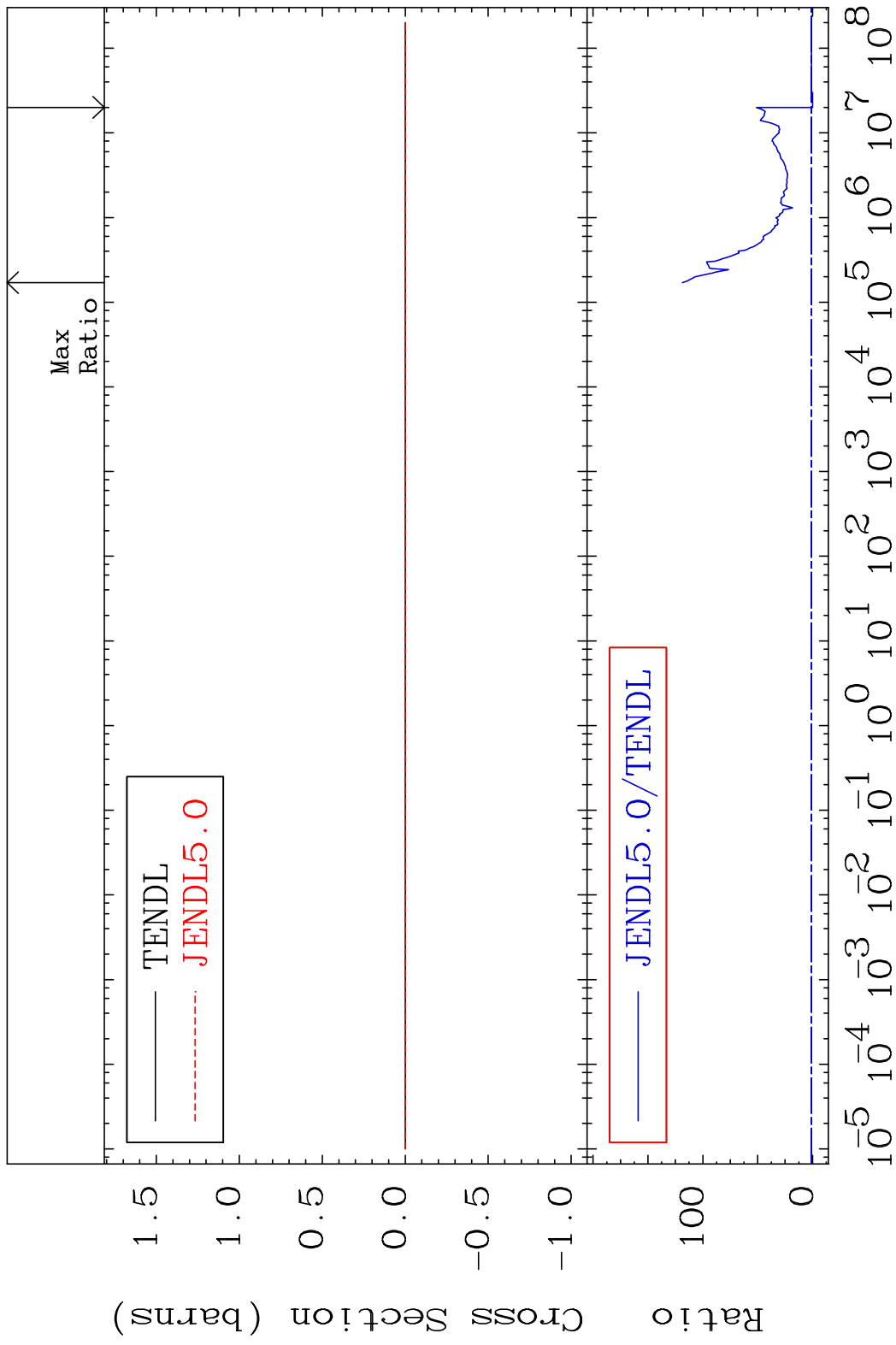
MAT 3434 Kerma non-elastic (all but mt2) 34-Se-77
 Cross Section -1271. To 9999. %



MAT 3434 Kerma inelastic (mt51-91) 34-Se-77
 Cross Section -100.0 To 9999. %

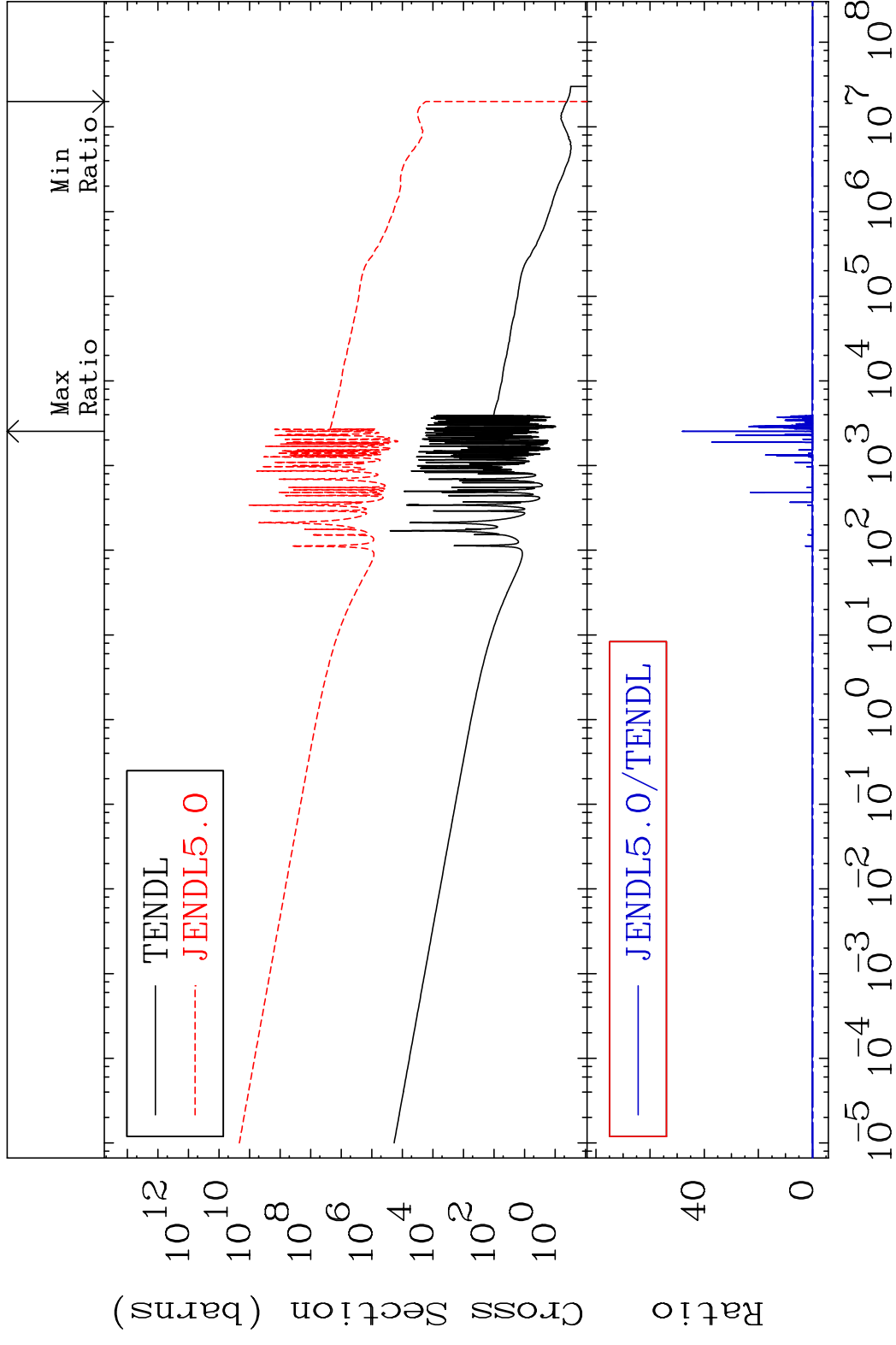


MAT 3434 Kerma fission (mt18 or mt19-20-21-38) 34-^{Se}-77
 Cross Section -100.0 To 9999. %



MAT 3434

Kerma capture (mt102) 34-Se-77
Cross Section -100.0 To 9999. %

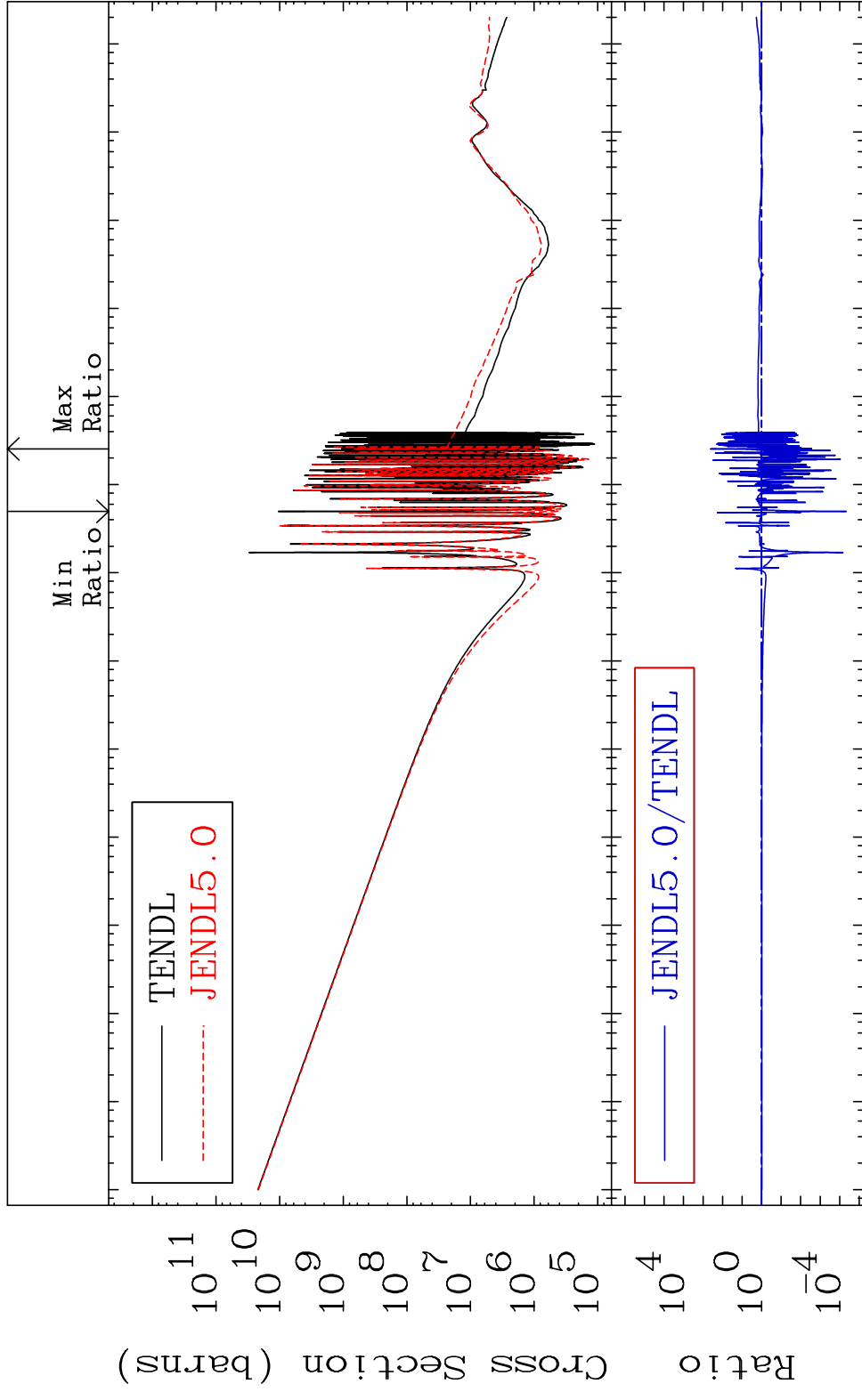


57

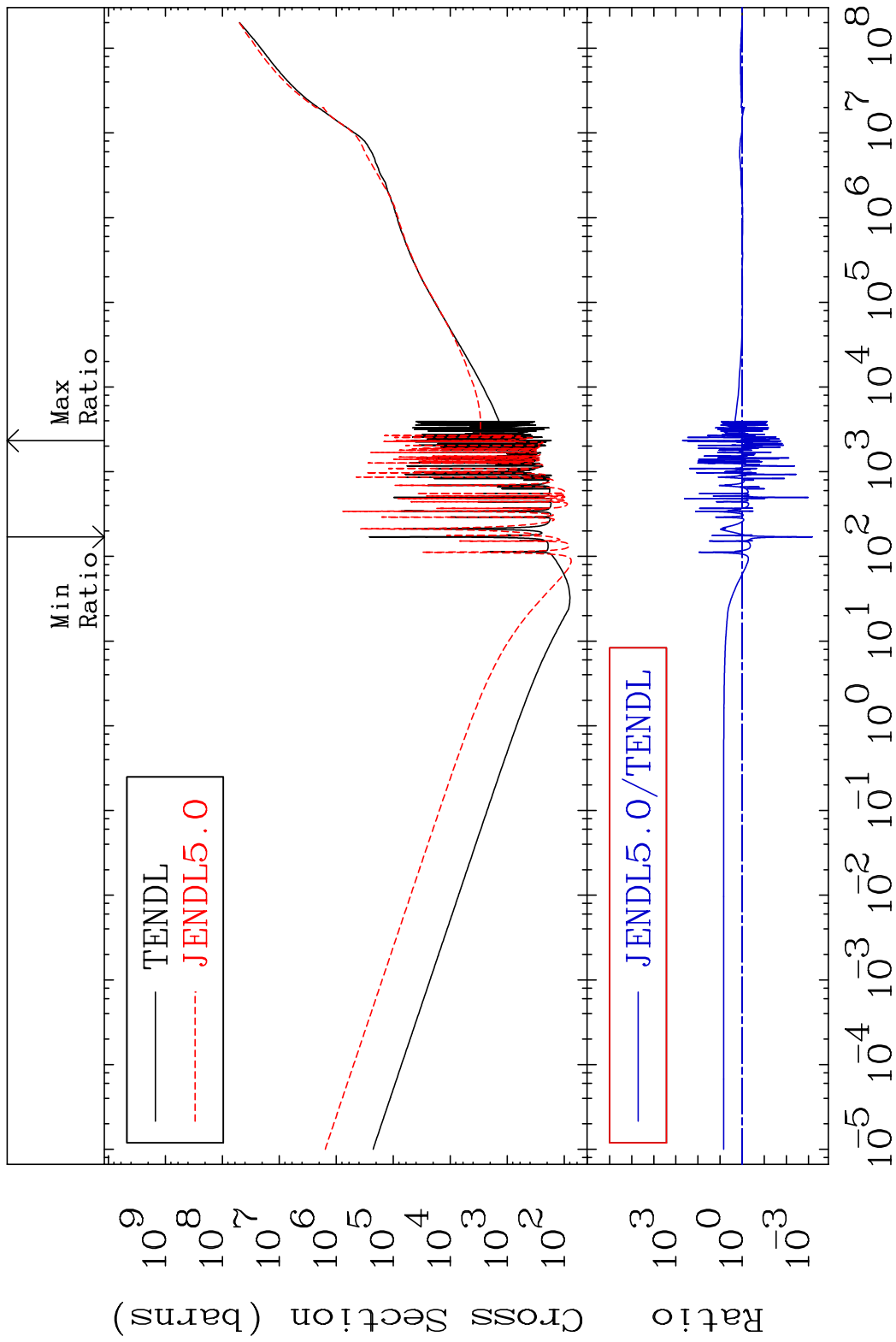
Incident Energy (eV)

34-Se-77

MAT 3434 Total photon (eV-barns) 34-Se-77
 Cross Section -100.0 To 9999. %



MAT 3434 Total kinematic kerma (high limit) 34-Se-77
 Cross Section -99.93 To 9999. %

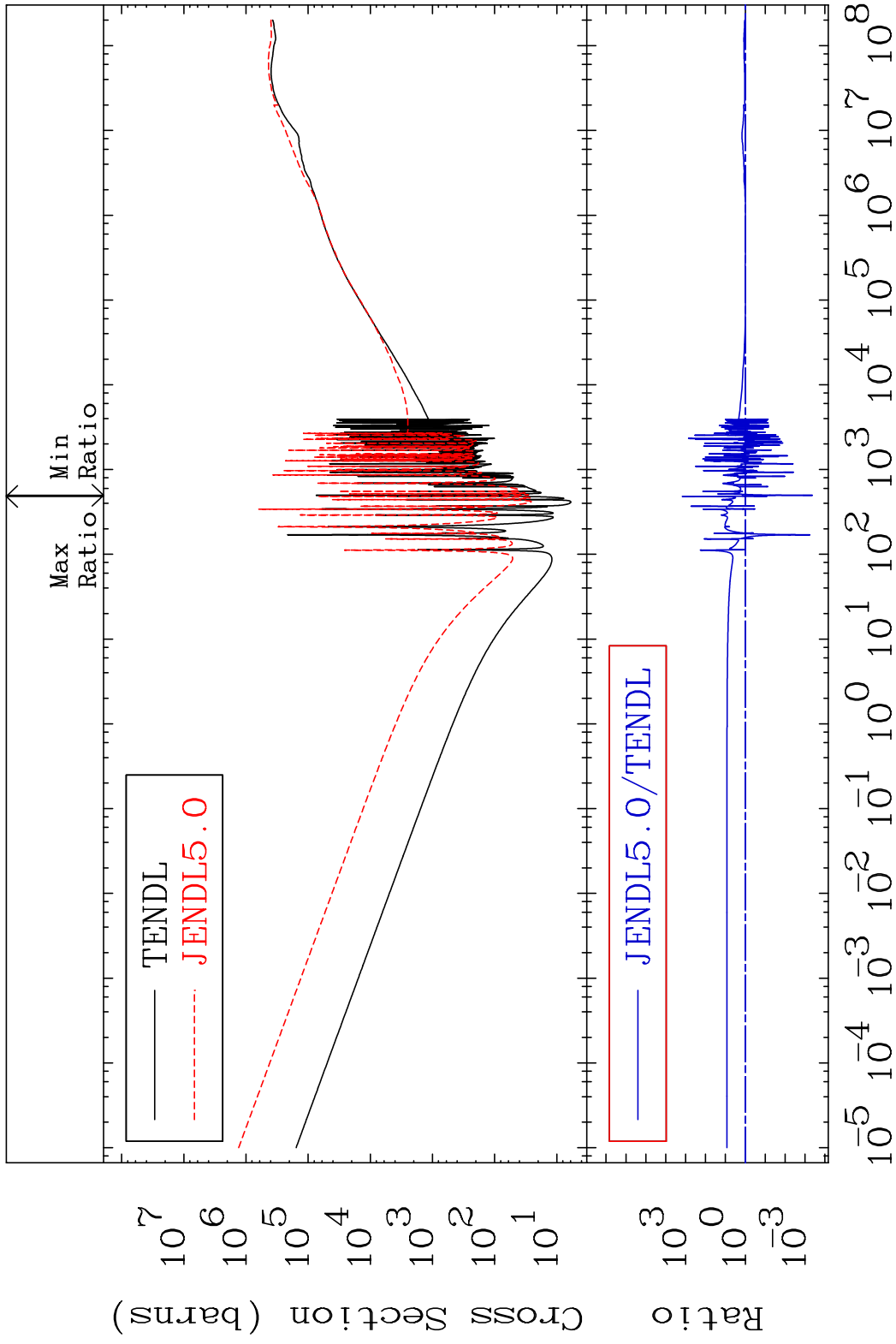


MAT 3434

Dpa total (eV-barns)

34-Se-77

Cross Section -99.96 To 9999. %



60

Incident Energy (eV)

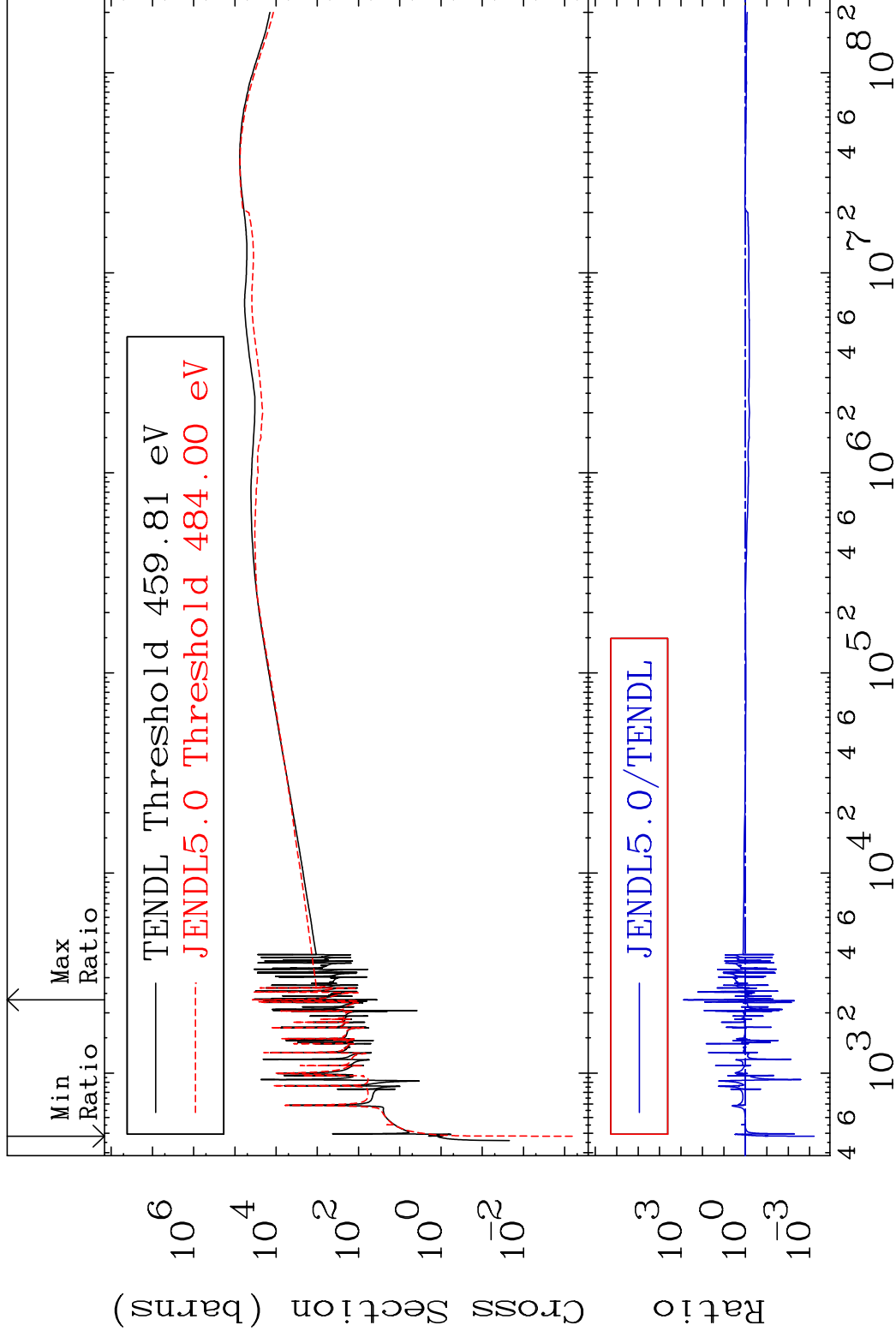
34-Se-77

MAT 3434

Dpa elastic (mt2)

34-Se-77

Cross Section -99.94 To 9999. %

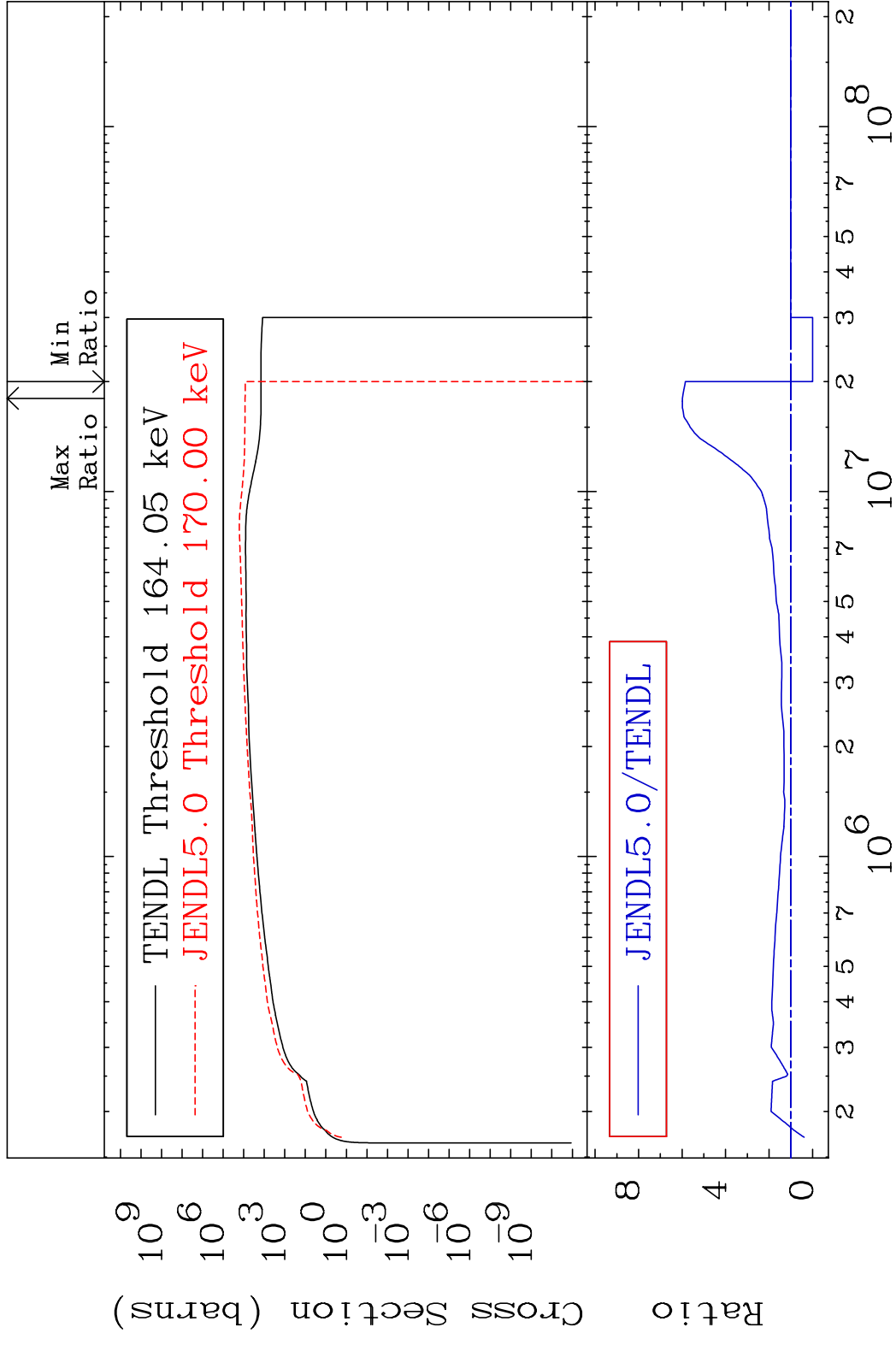


61

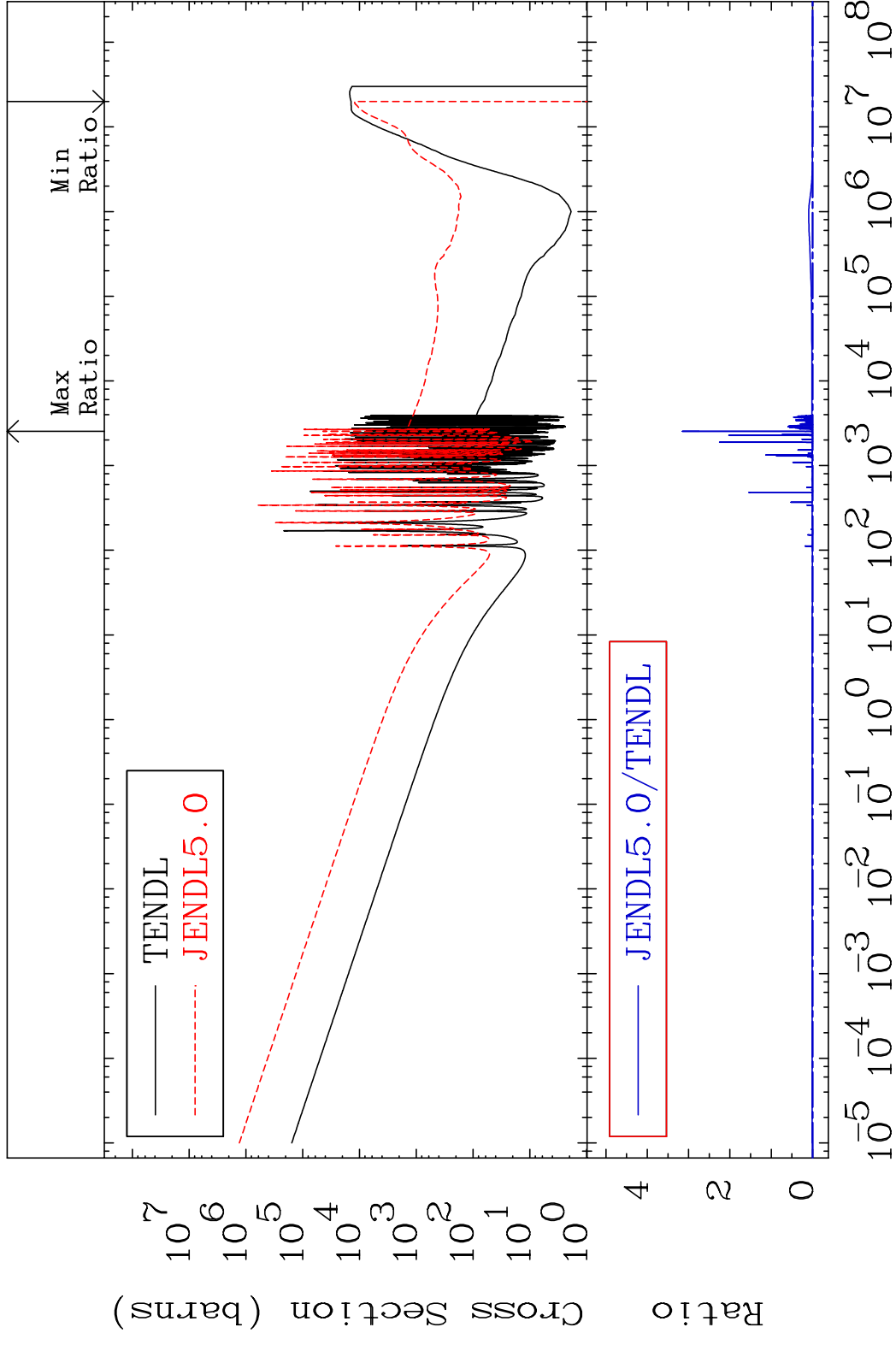
Incident Energy (eV)

34-Se-77

MAT 3434 Dpa inelastic (mt51-91) 34-Se-77
 Cross Section -100.0 To 498.9 %



MAT 3434 Dpa disappearance (mt102 -120) 34-Se-77
 Cross Section -100.0 To 9999. %

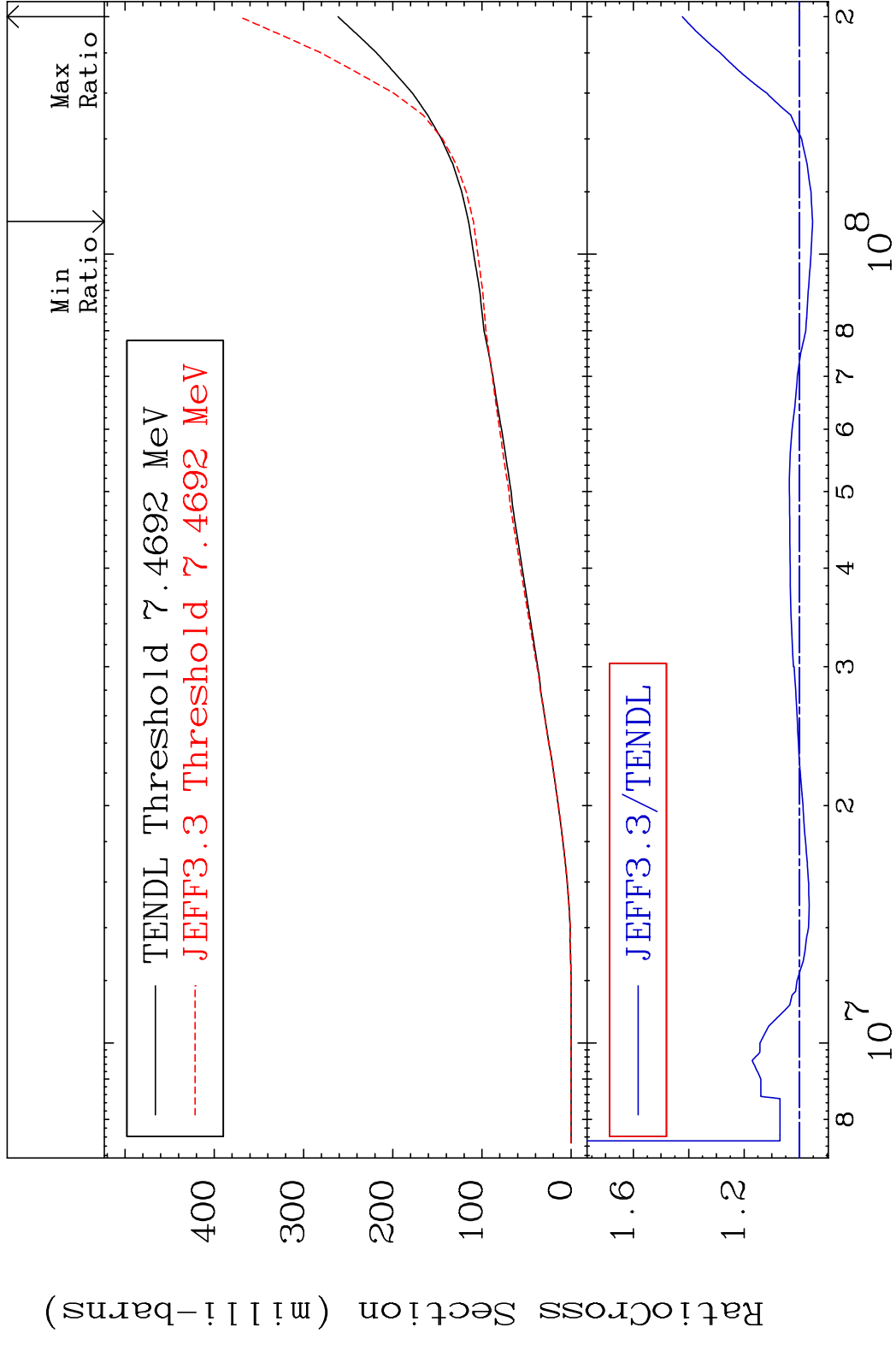


MAT 3434

Deuterium Production

34-Se-77

Cross Section -4.718 To 42.30 %



64

Incident Energy (eV)

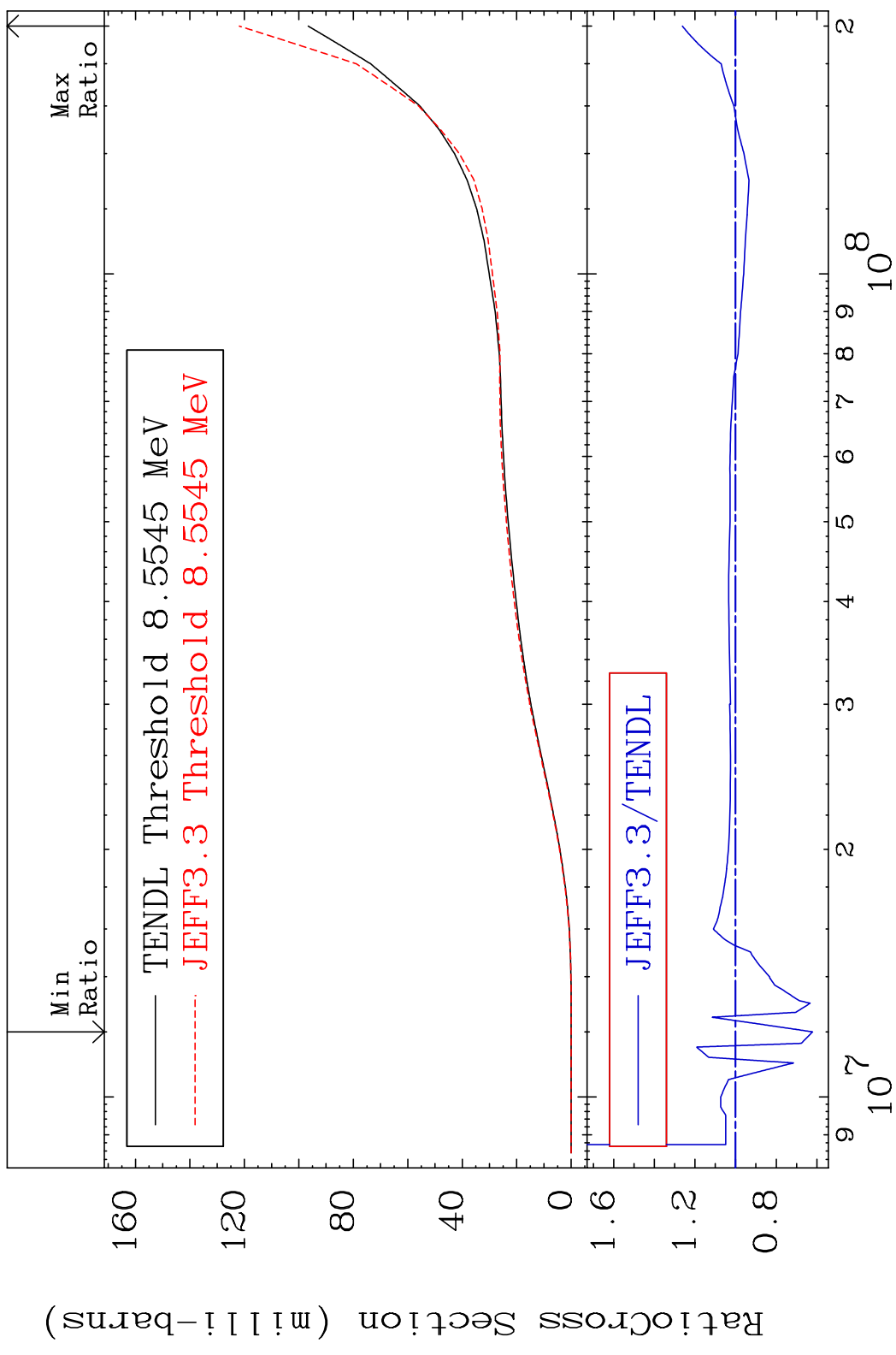
34-Se-77

MAT 3434

Tritium Production

34-Se-77

Cross Section -37.87 To 26.21 %

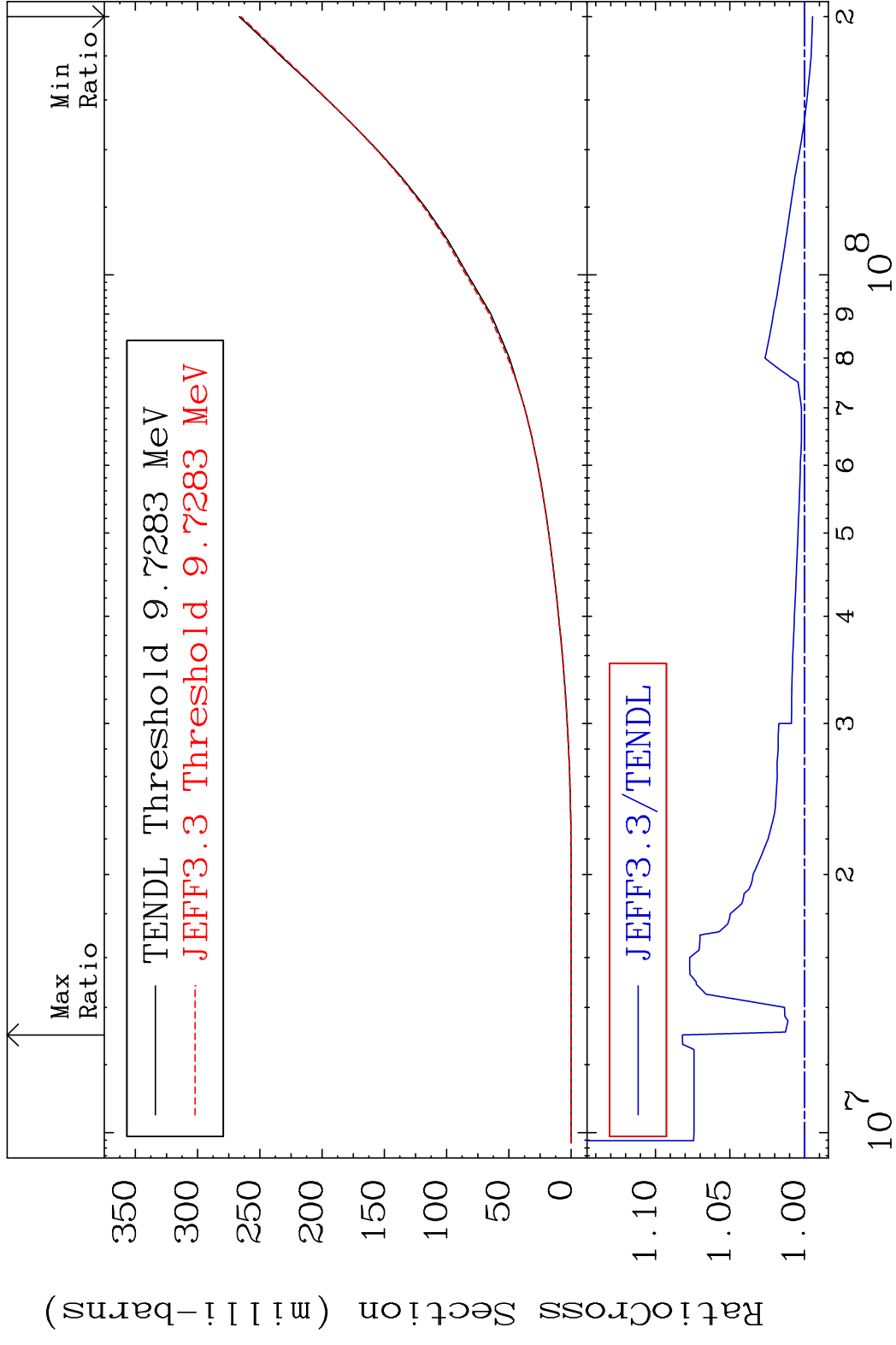


MAT 3434

He-3 Production

34-Se-77

Cross Section -0.542 To 8.192 %



66

Incident Energy (eV)

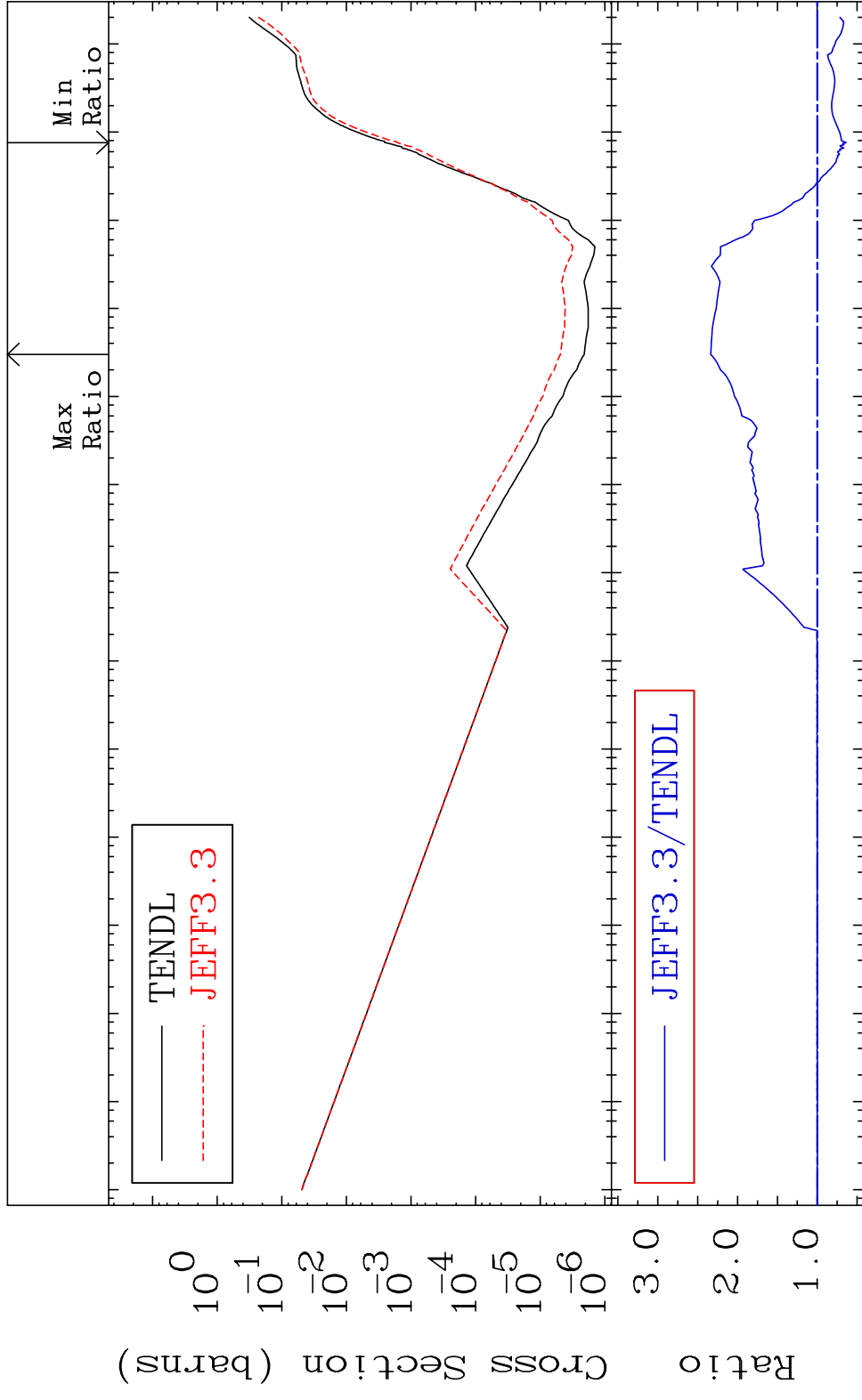
34-Se-77

MAT 3434

He-4 Production

34-Se-77

Cross Section -36.41 To 133.6 %

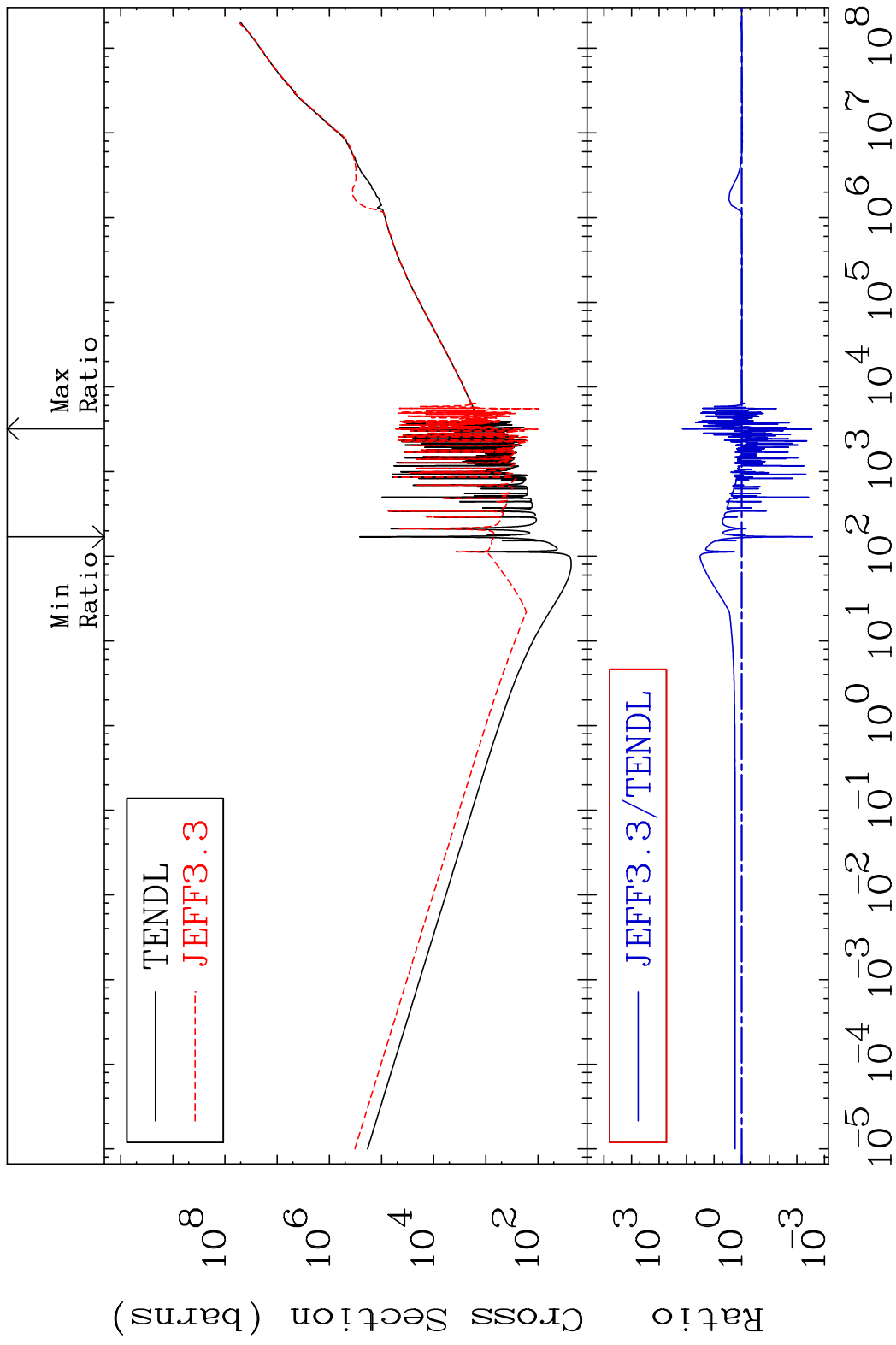


67

Incident Energy (eV)

34-Se-77

MAT 3434 Kerma total (eV-barns) 34-Se-77
 Cross Section -99.73 To 9999. %

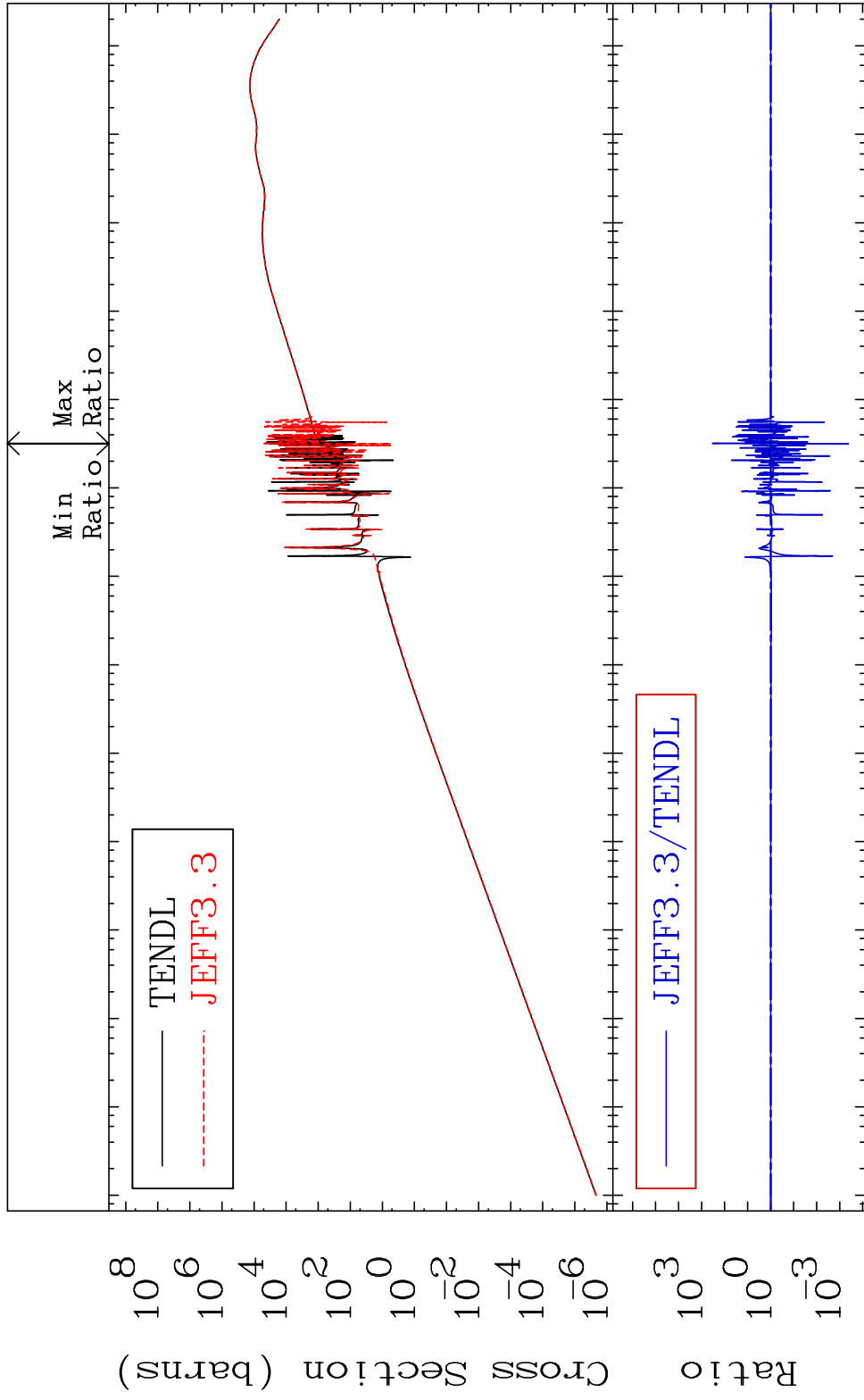


MAT 3434

Kerma elastic

34-Se-77

Cross Section -99.96 To 9999. %

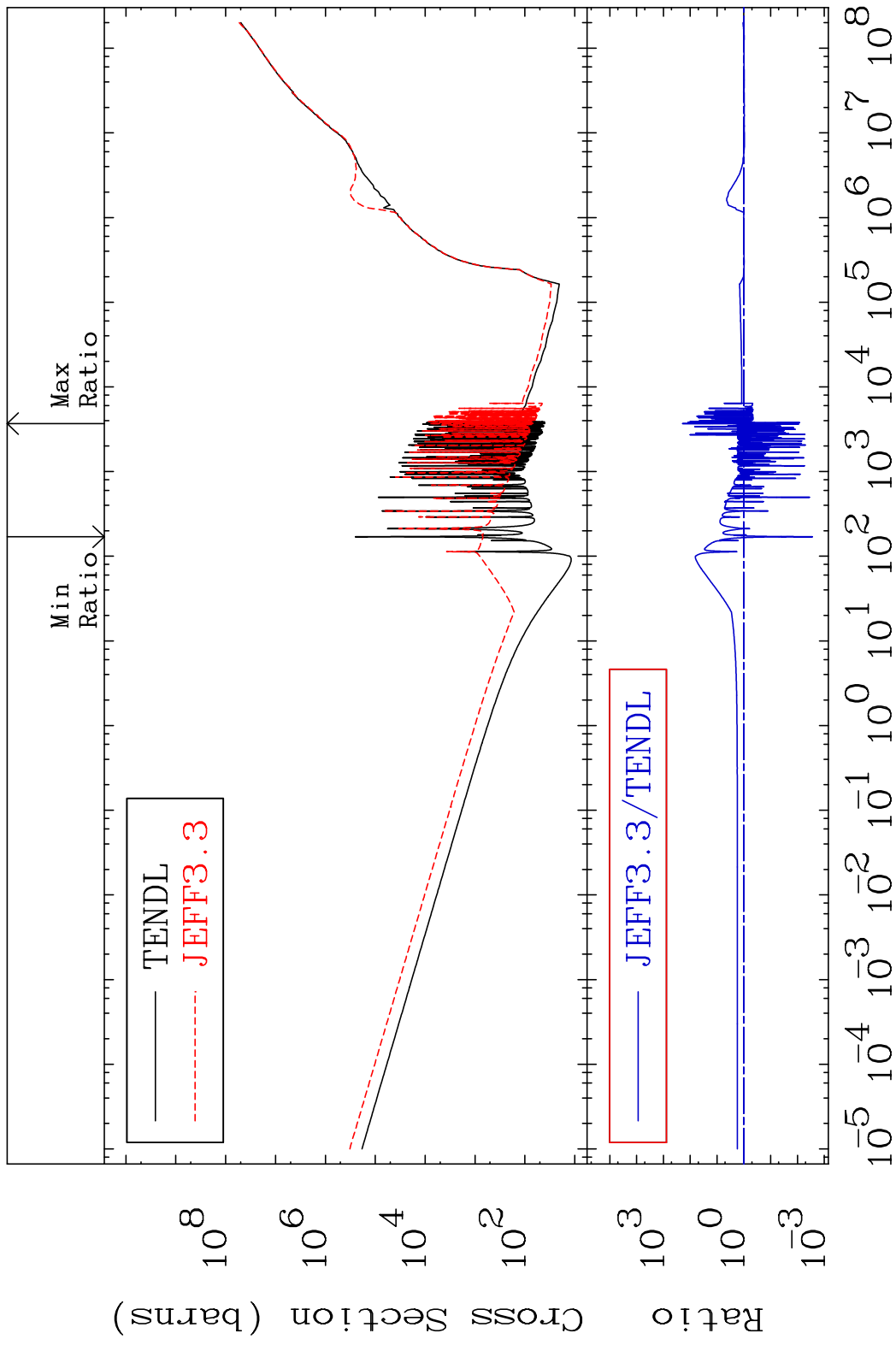


69

Incident Energy (eV)

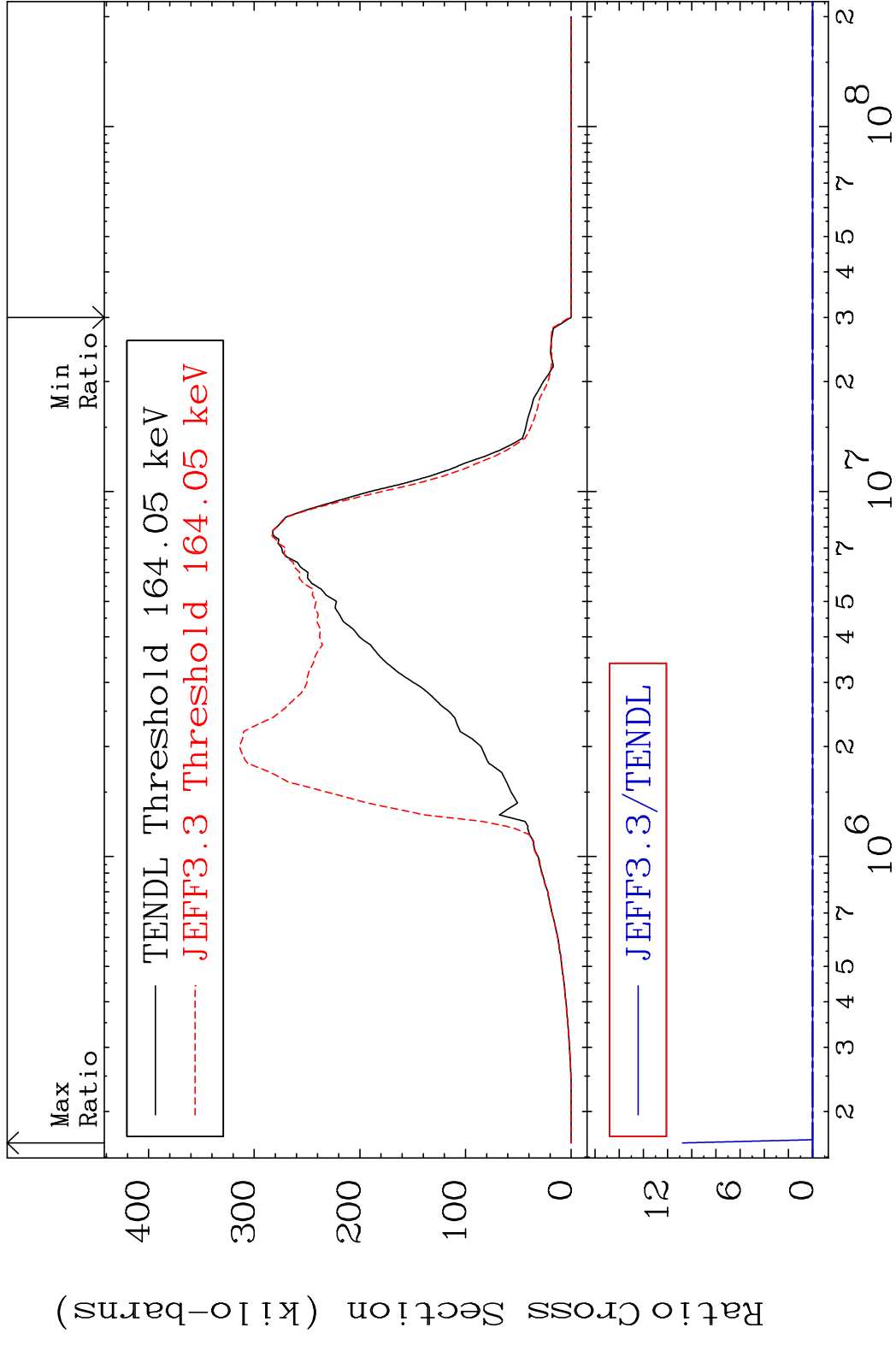
34-Se-77

MAT 3434 Kerma non-elastic (all but mt2) 34-Se-77
Cross Section -99.73 To 9999. %

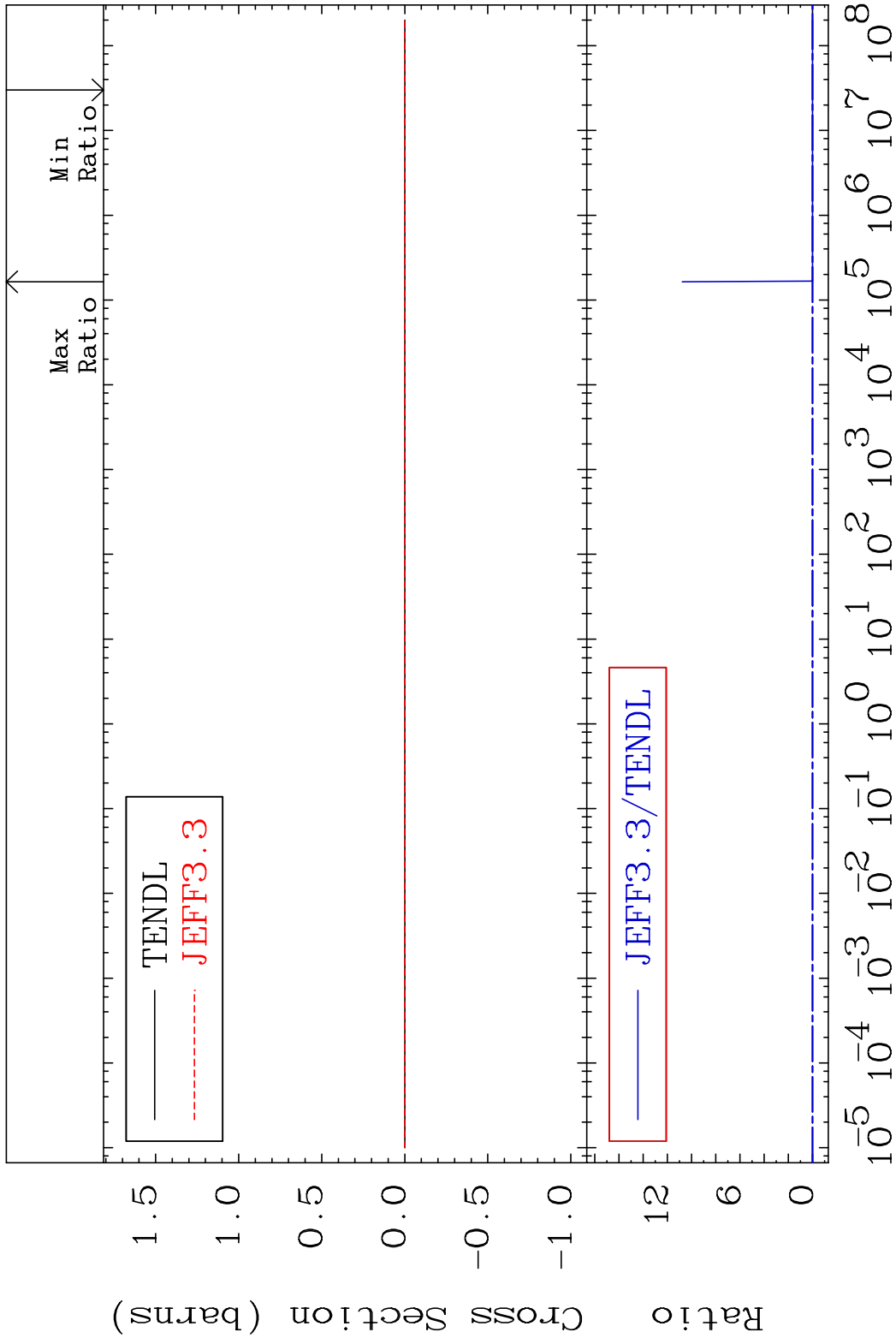


70 Incident Energy (eV) 34-Se-77

MAT 3434 Kerma inelastic (mt51-91) 34-Se-77
 Cross Section -4327. To 9999. %

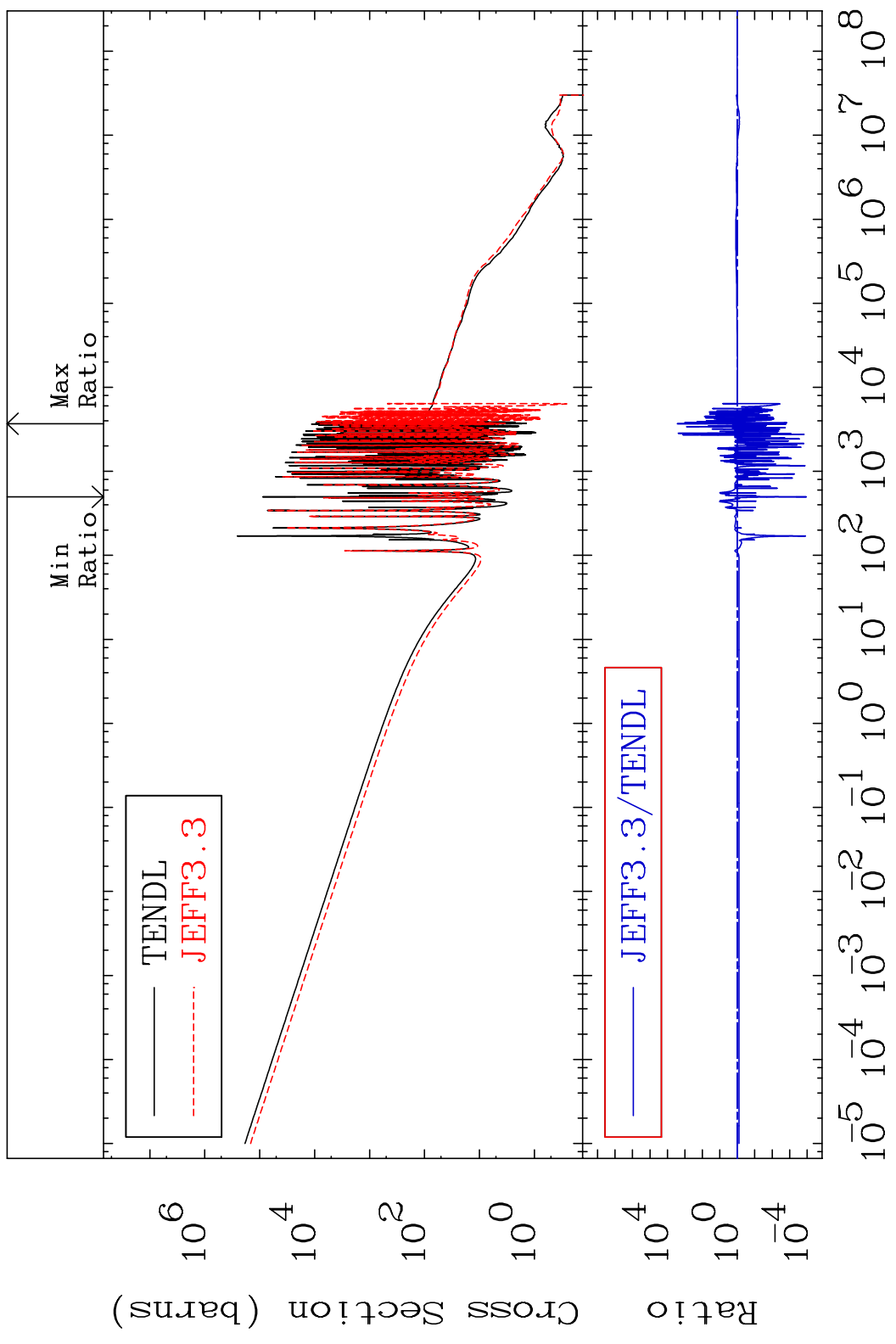


MAT 3434 Kerma fission (mt18 or mt19-20-21-38) 34-Se-77
 Cross Section -4327. To 9999. %



MAT 3434

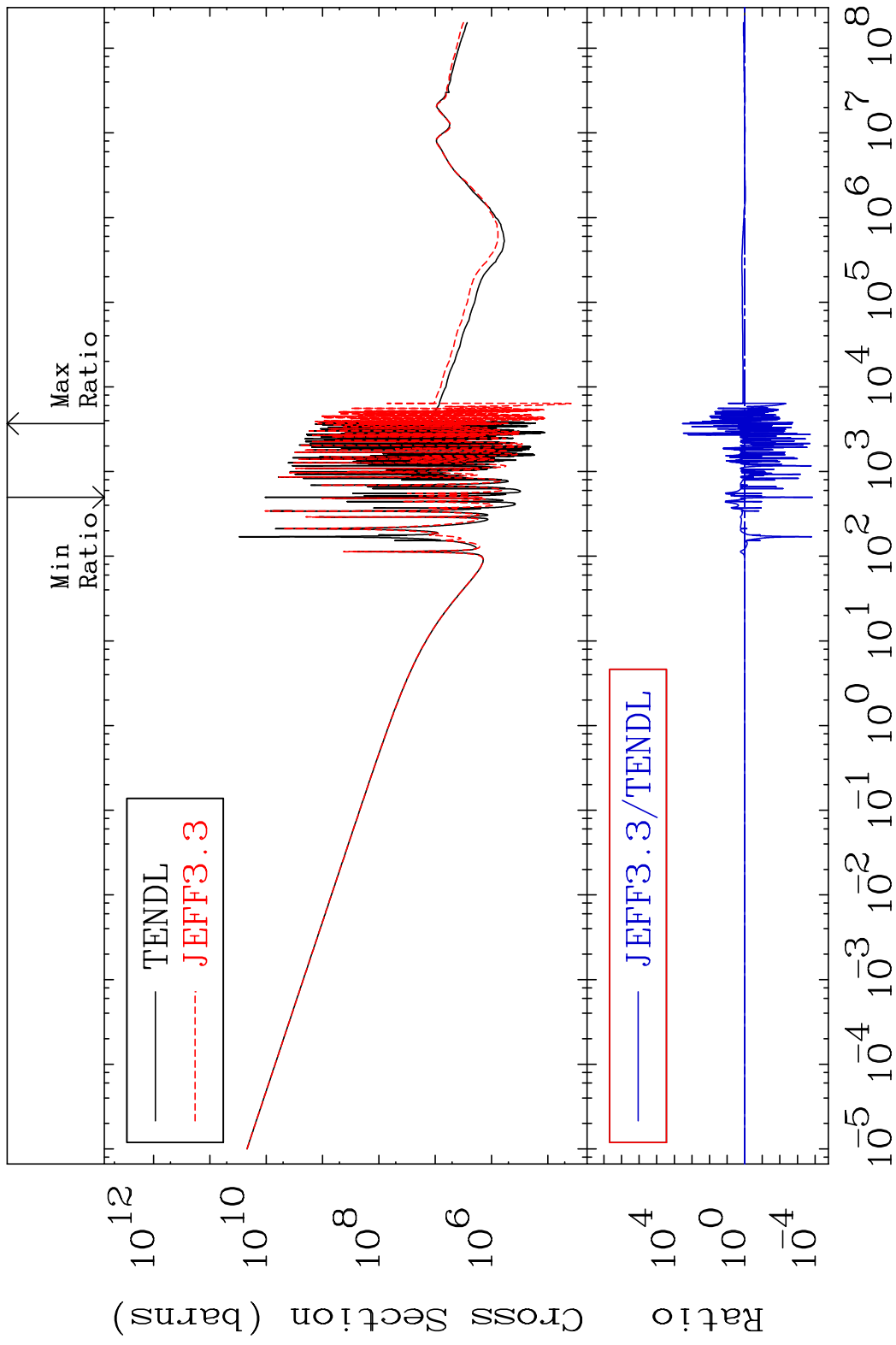
Kerma capture (mt102) 34-Se-77
Cross Section -99.99 To 9999. %



73

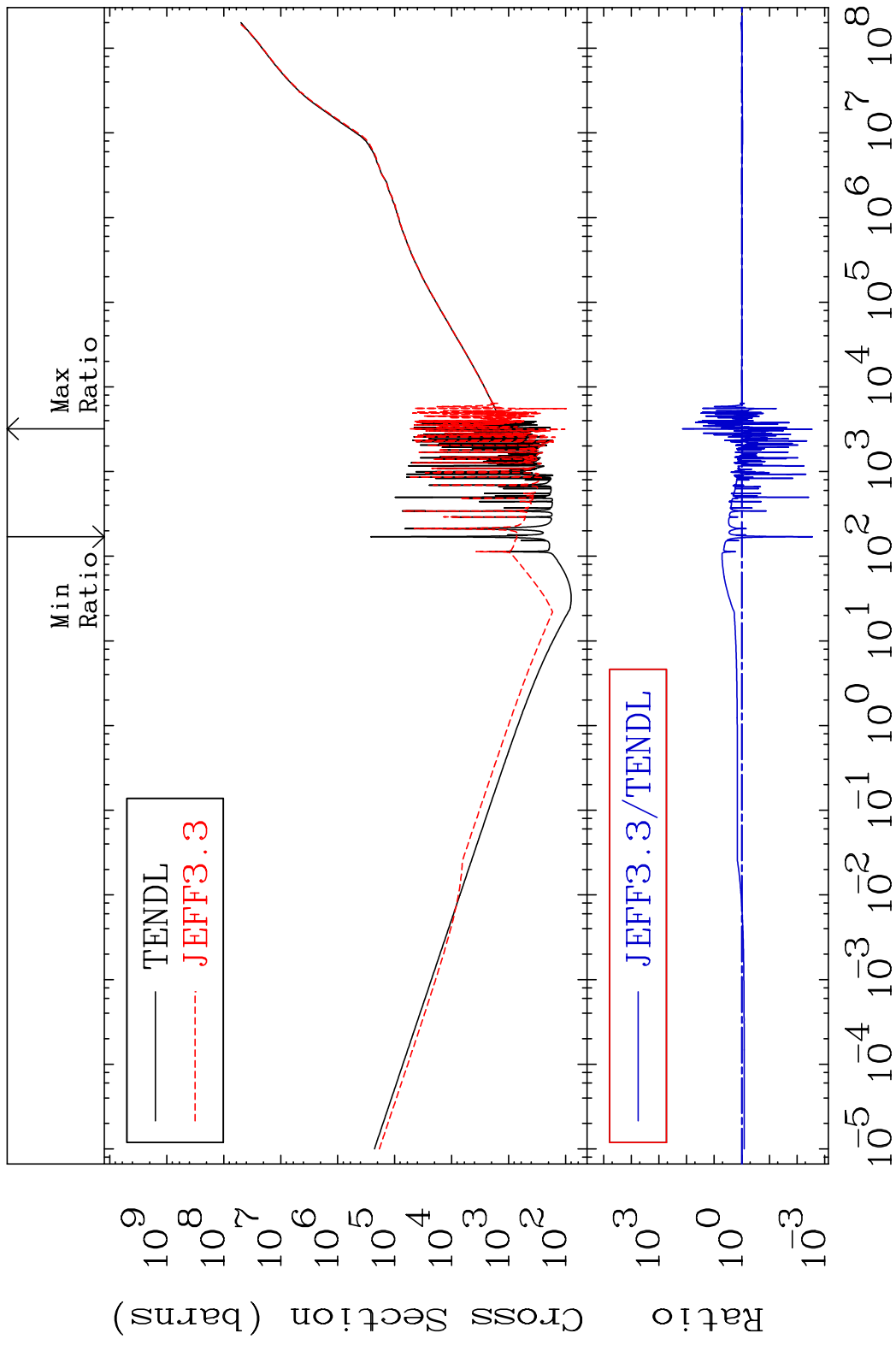
Incident Energy (eV) 34-Se-77

MAT 3434 Total photon (eV-barns) 34-Se-77
 Cross Section -99.99 To 9999. %



74 Incident Energy (eV) 34-Se-77

MAT 3434 Total kinematic kerma (high limit) 34-Se-77
 Cross Section -99.73 To 9999. %



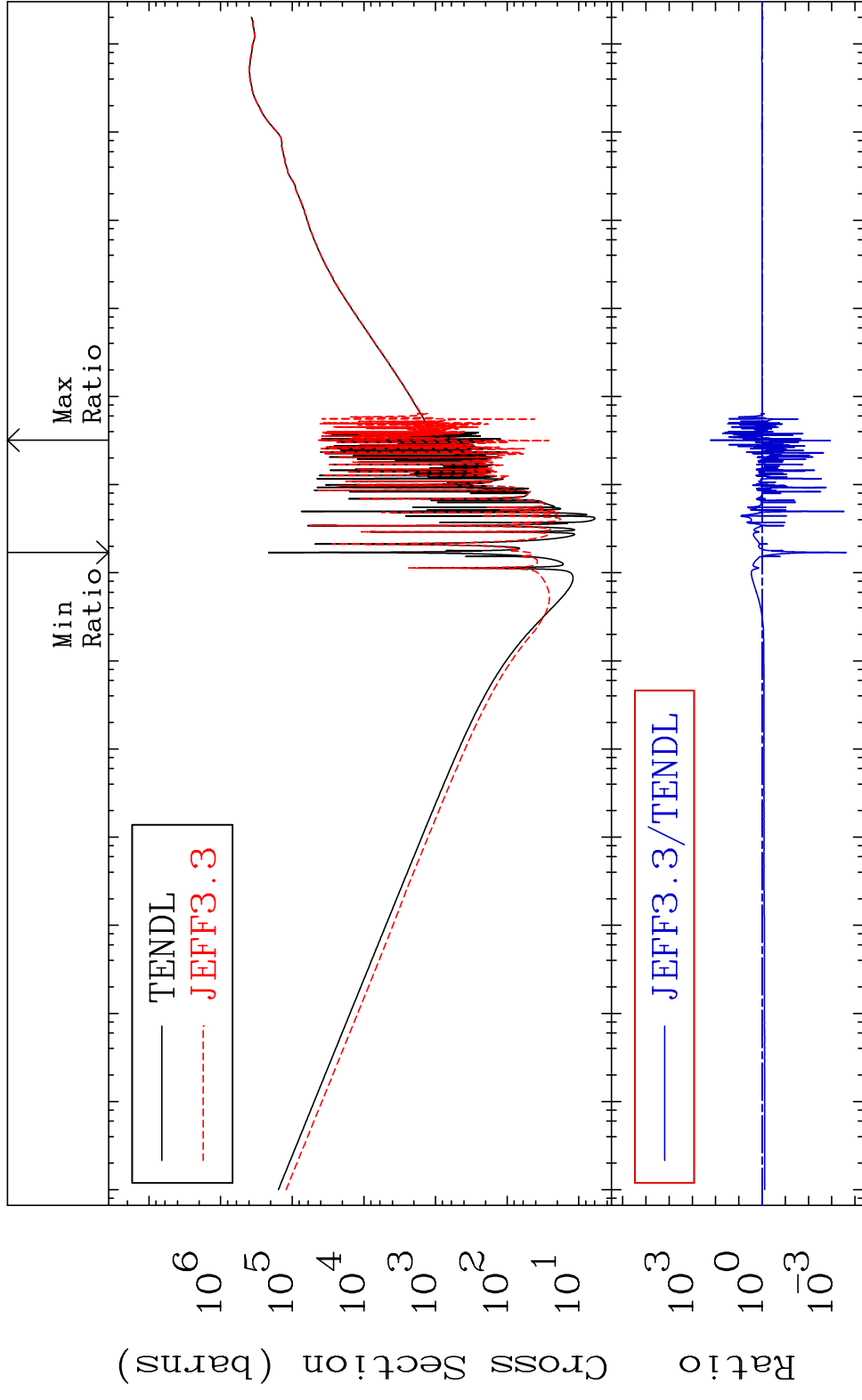
75 Incident Energy (eV) 34-Se-77

MAT 3434

Dpa total (eV-barns)

34-Se-77

Cross Section -99.98 To 9999. %



76

Incident Energy (eV)

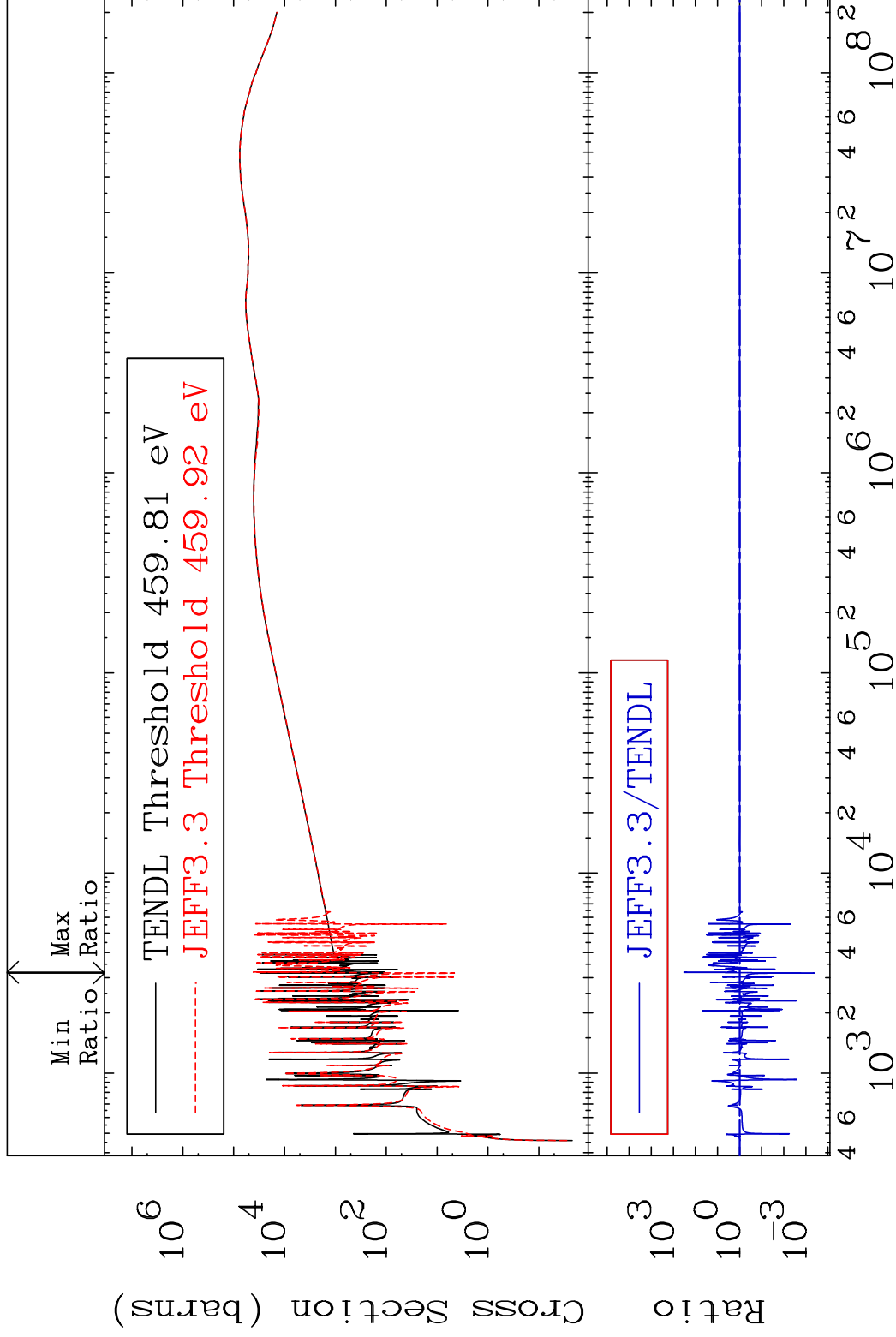
34-Se-77

MAT 3434

Dpa elastic (mt2)

34-Se-77

Cross Section -99.96 To 9999. %

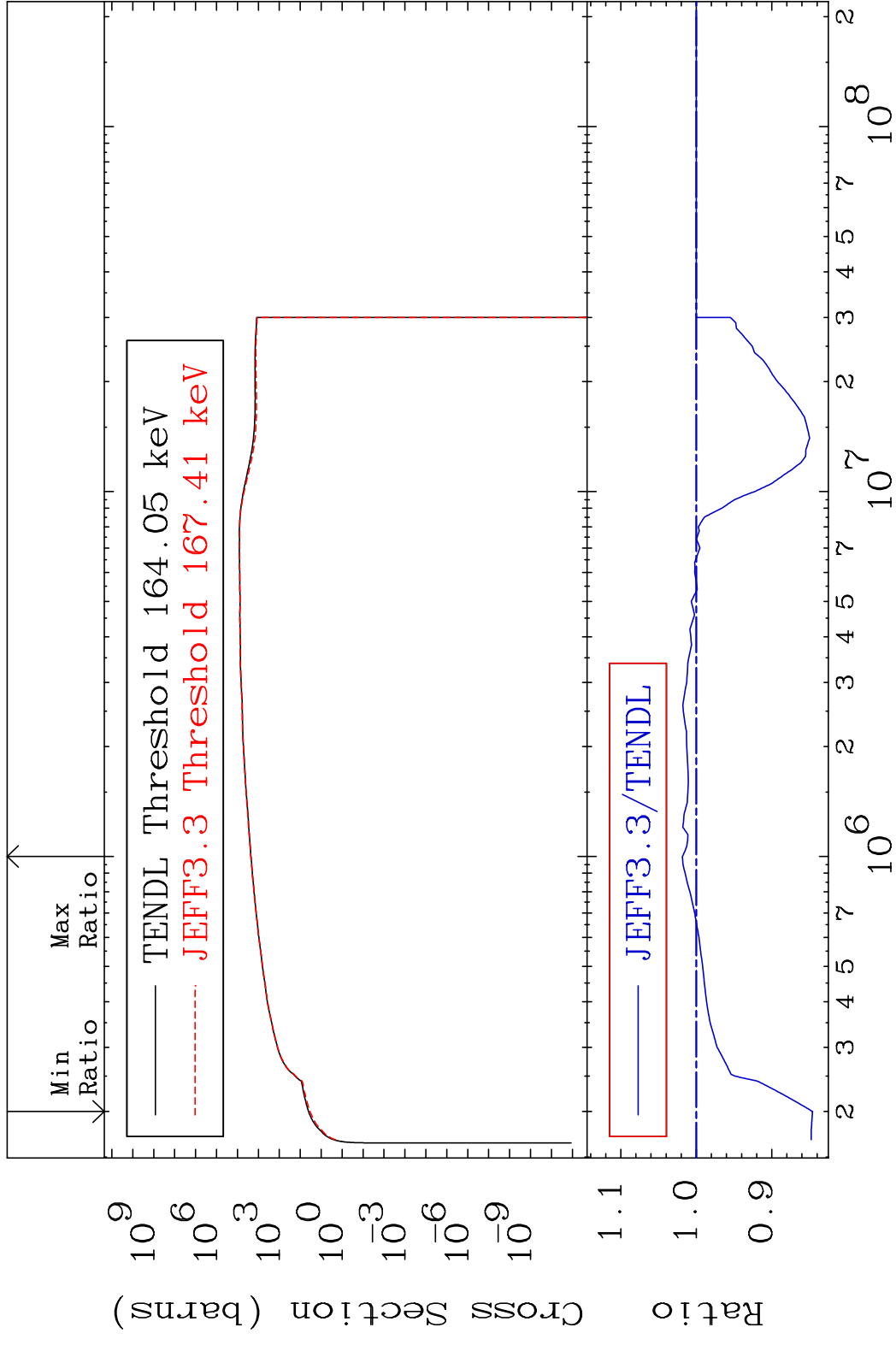


77

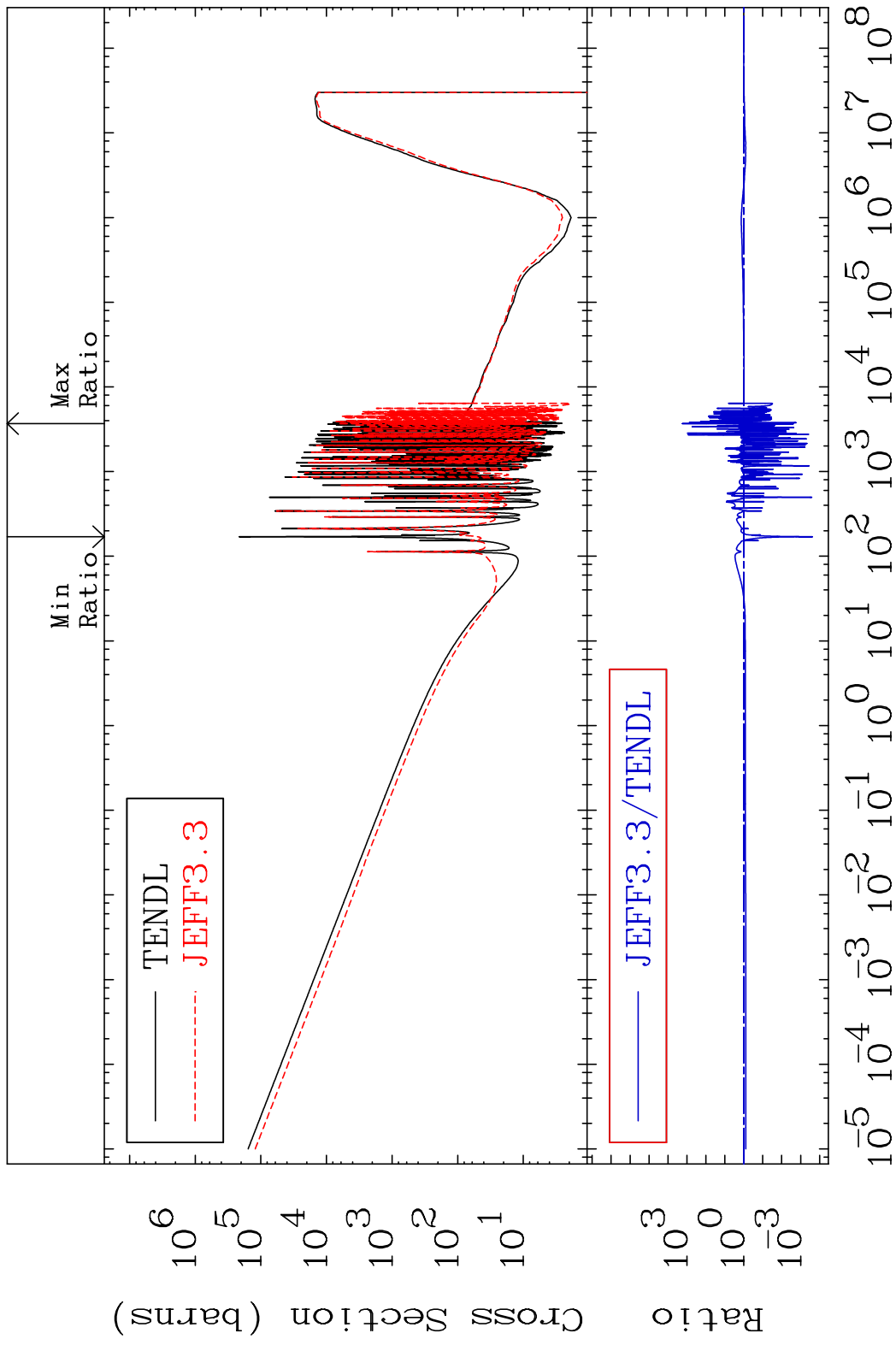
Incident Energy (eV)

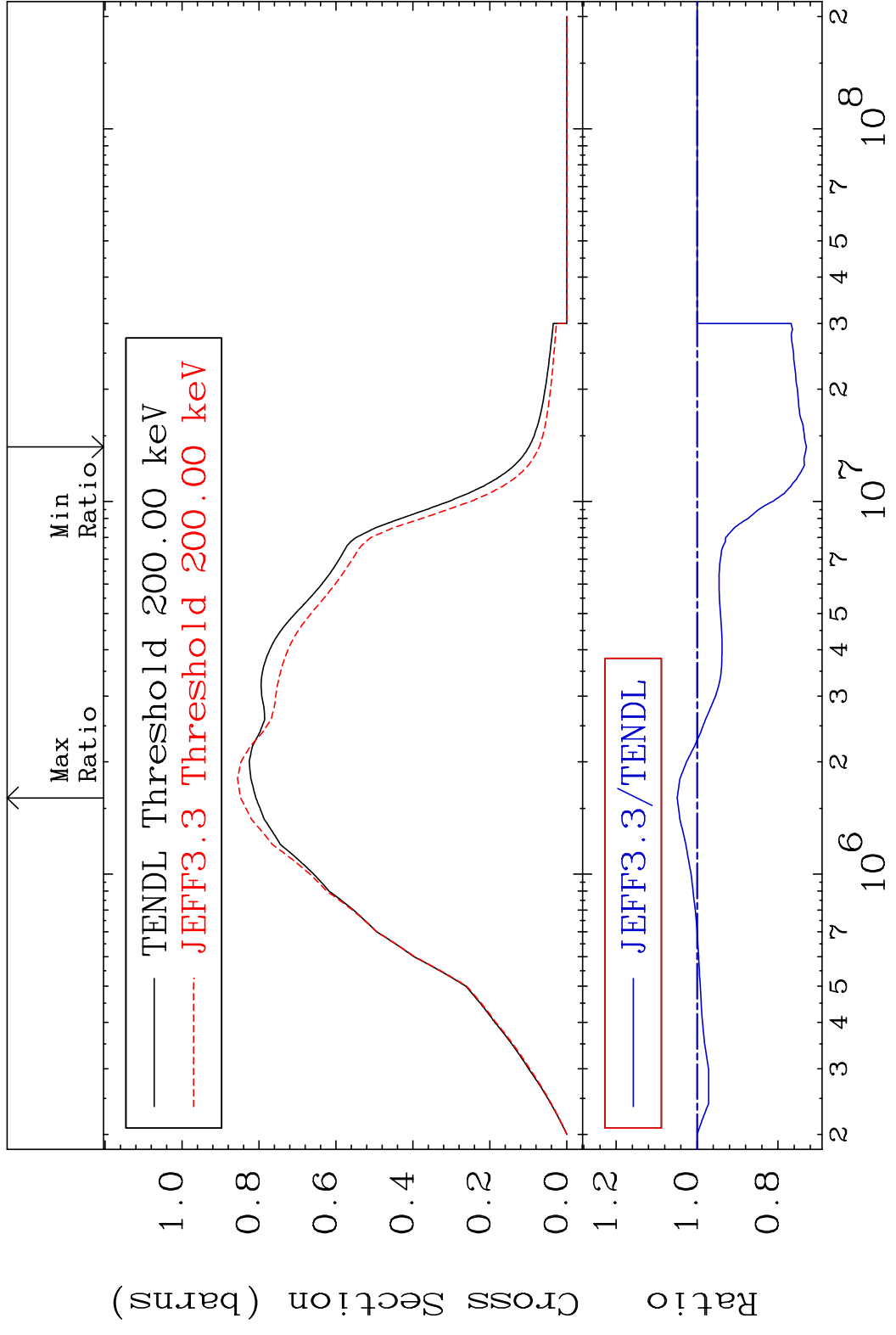
34-Se-77

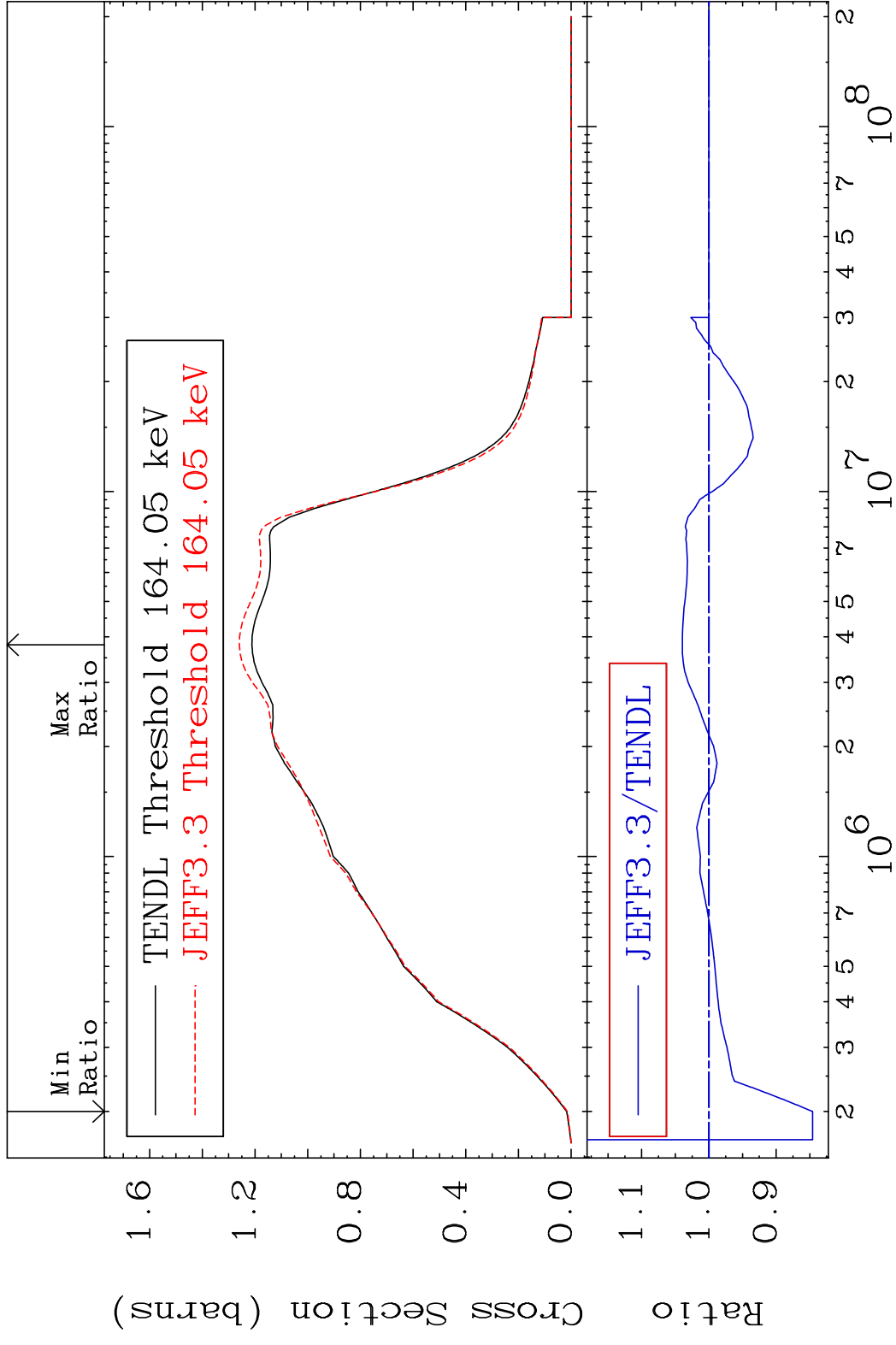
MAT 3434 Dpa inelastic (mt51-91) 34-Se-77
 Cross Section -15.40 To 1.848 %

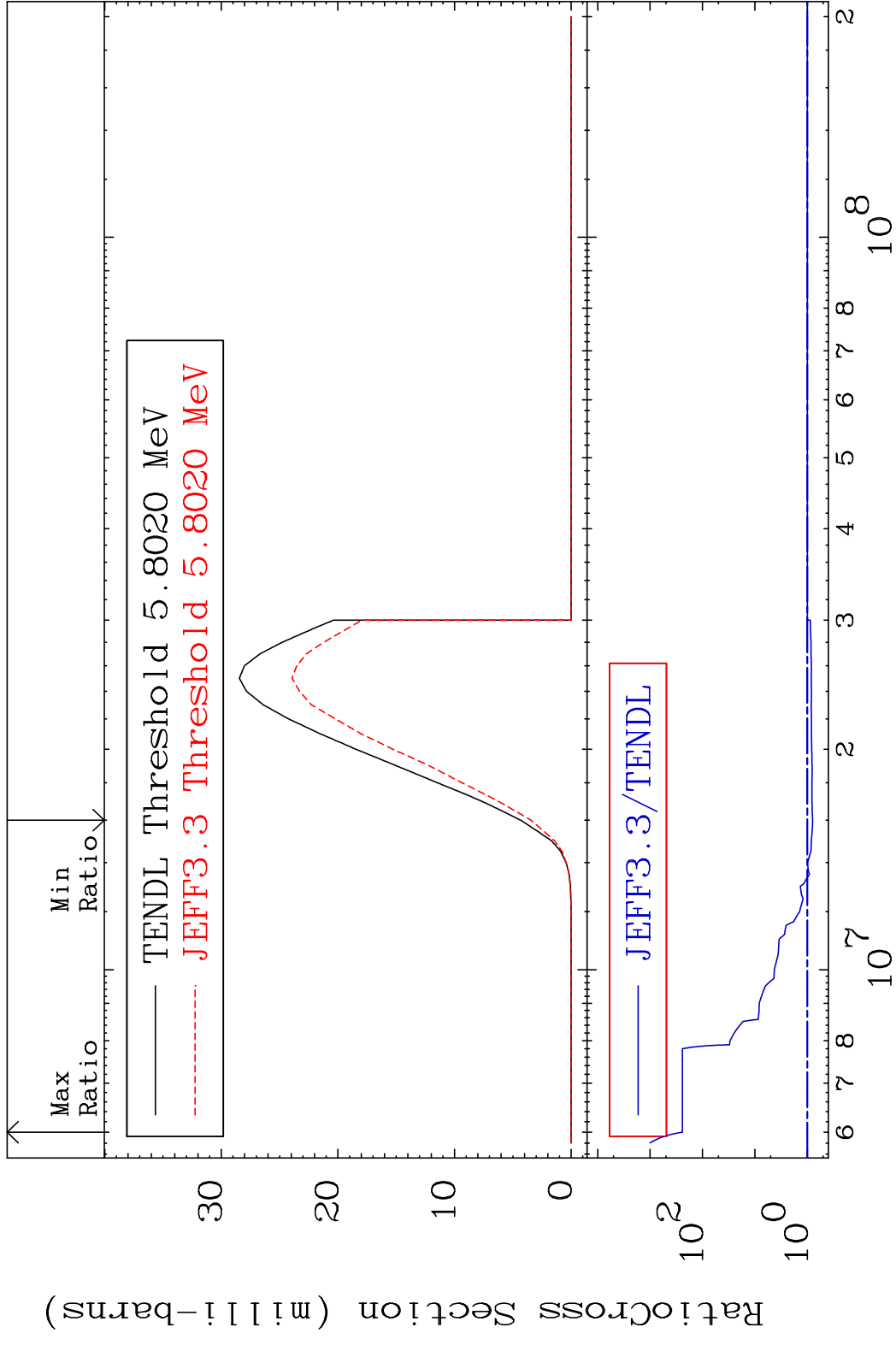


MAT 3434 Dpa disappearance (mt102 -120) 34-Se-77
 Cross Section -99.98 To 9999. %

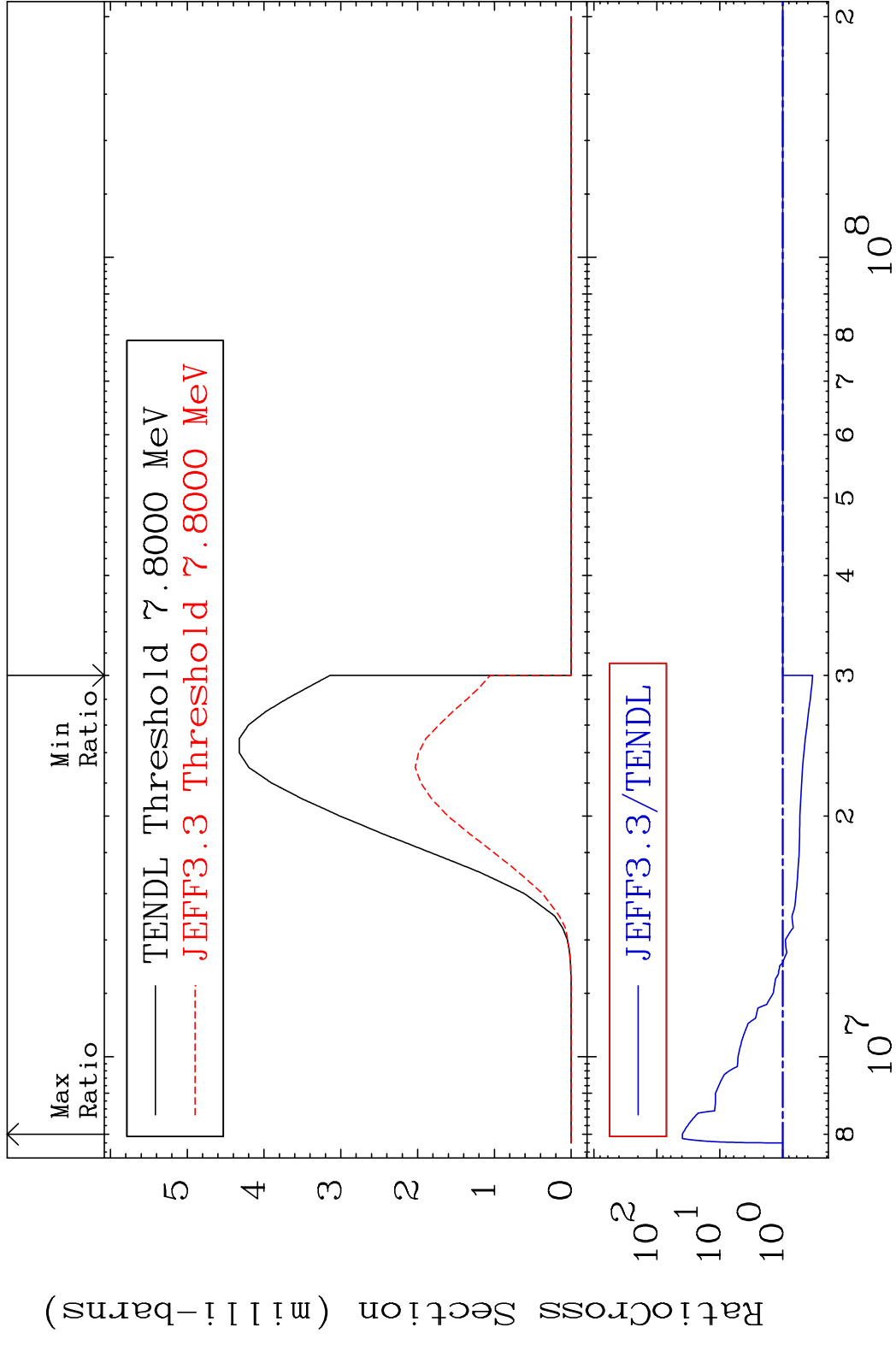


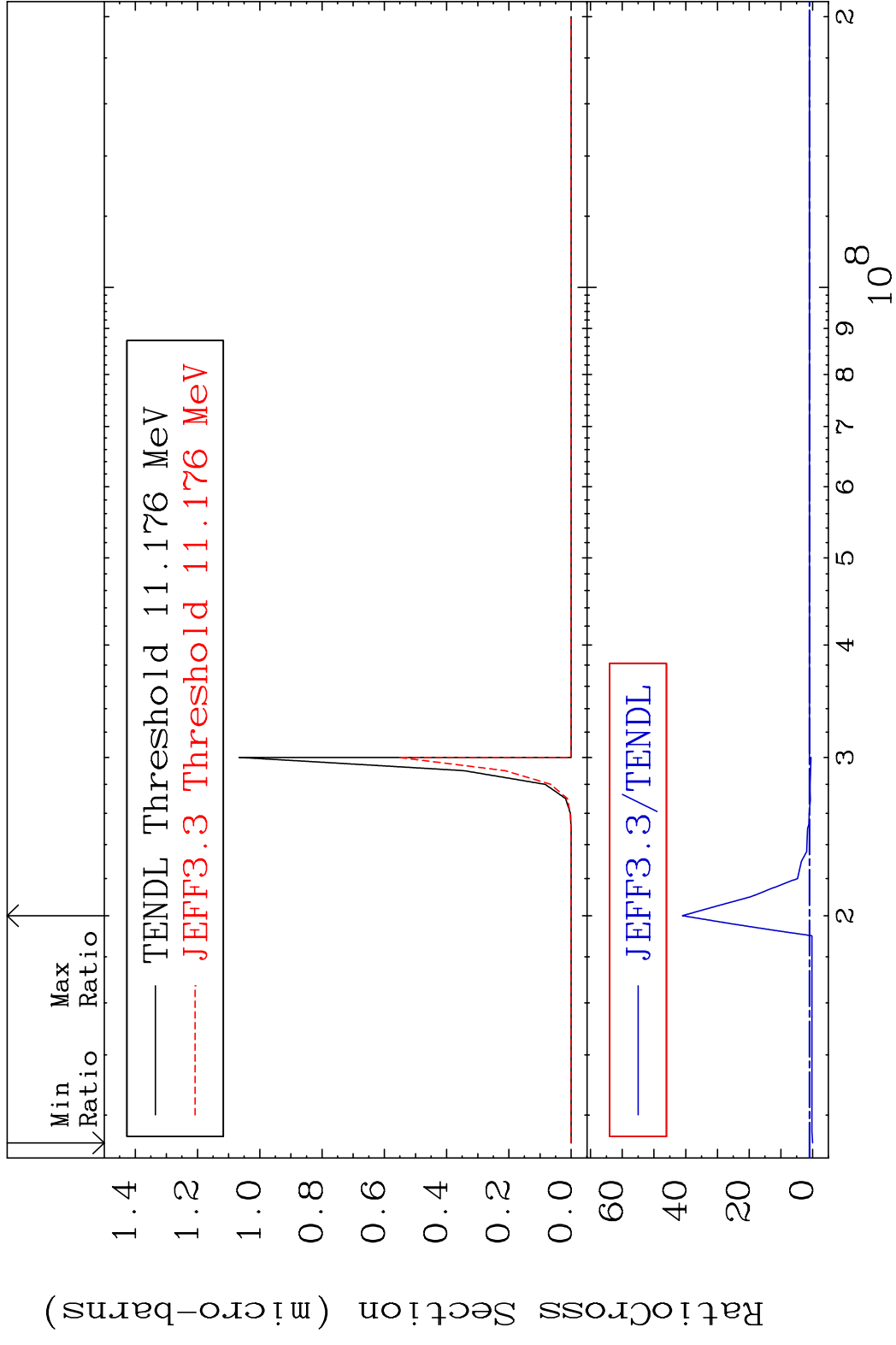


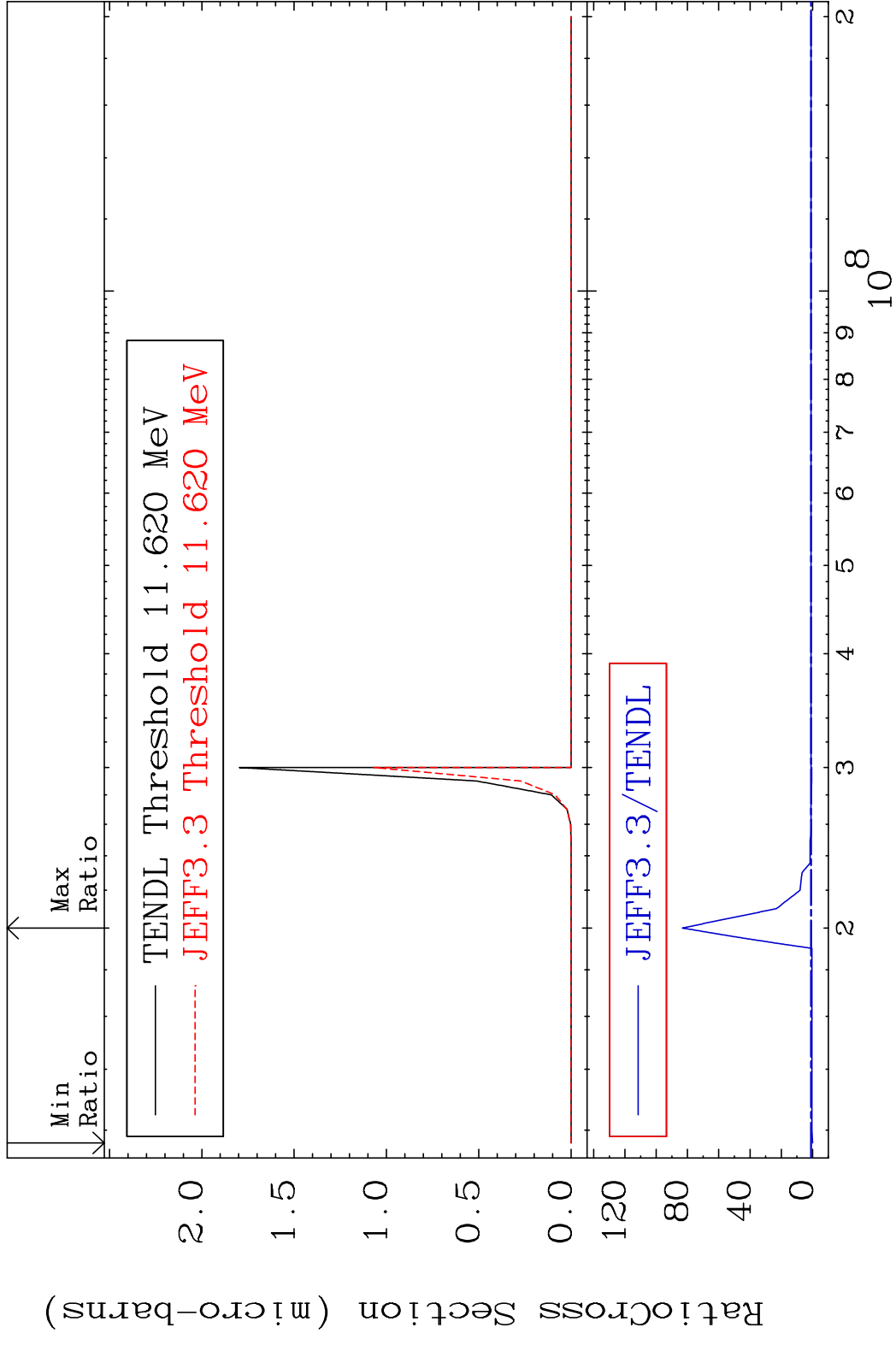




MAT 3434 (n, n') α :32-Ge-73m2 34-Se-77
 Radionuclide Production Cross Section 6864410 3832. %







MAT 3434 (n,2n) p:32-Ge-75g 34-Se-77
 Radionuclide Production Cross Section 180c0i d10 2742. %

