

Program Complot
(Version 2021-1)

by

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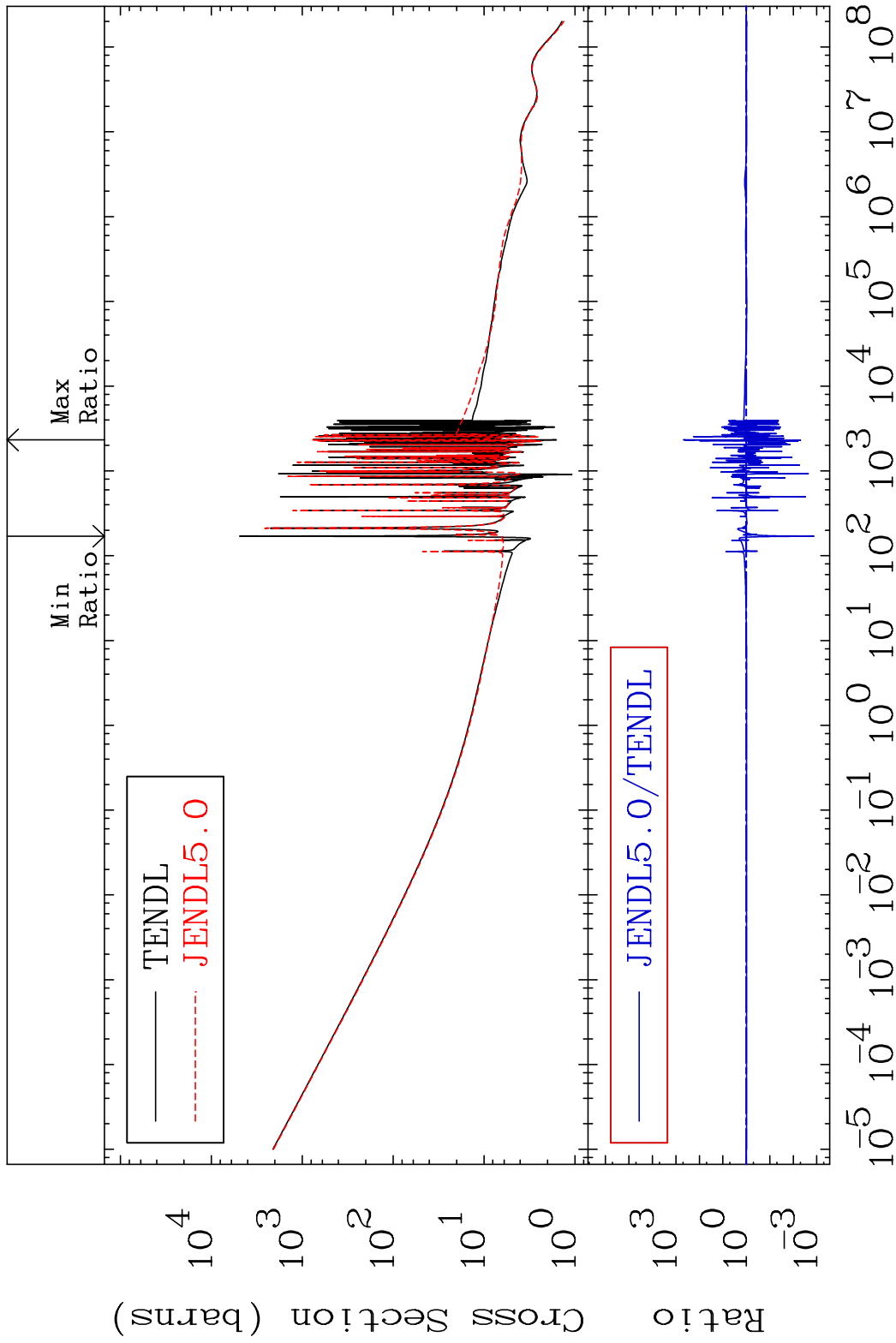
Press Mouse Button to Start

MAT 3434

Total

34-Se-77

Cross Section -99.87 To 9999. %



1

Incident Energy (eV)

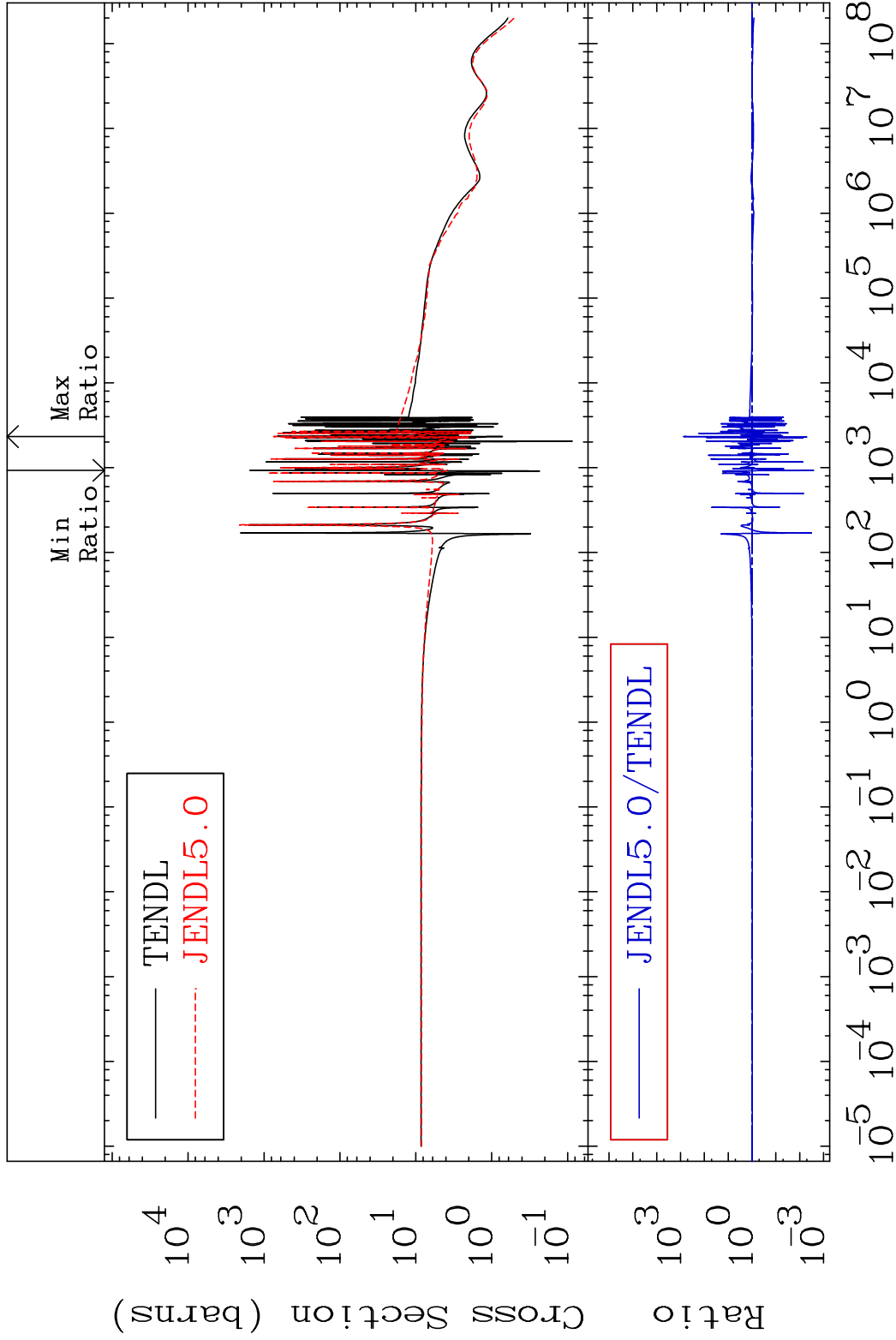
34-Se-77

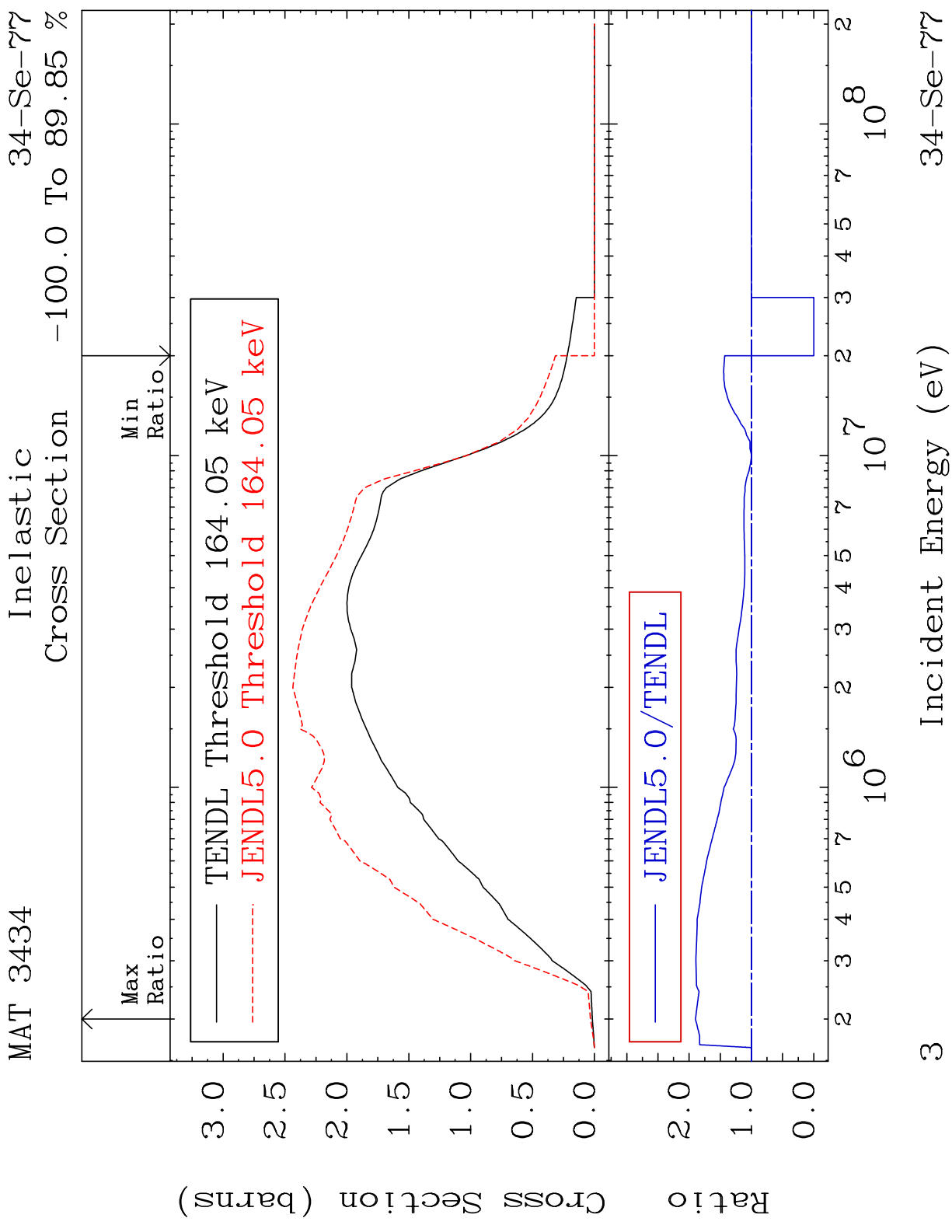
MAT 3434

Elastic

³⁴Se-77

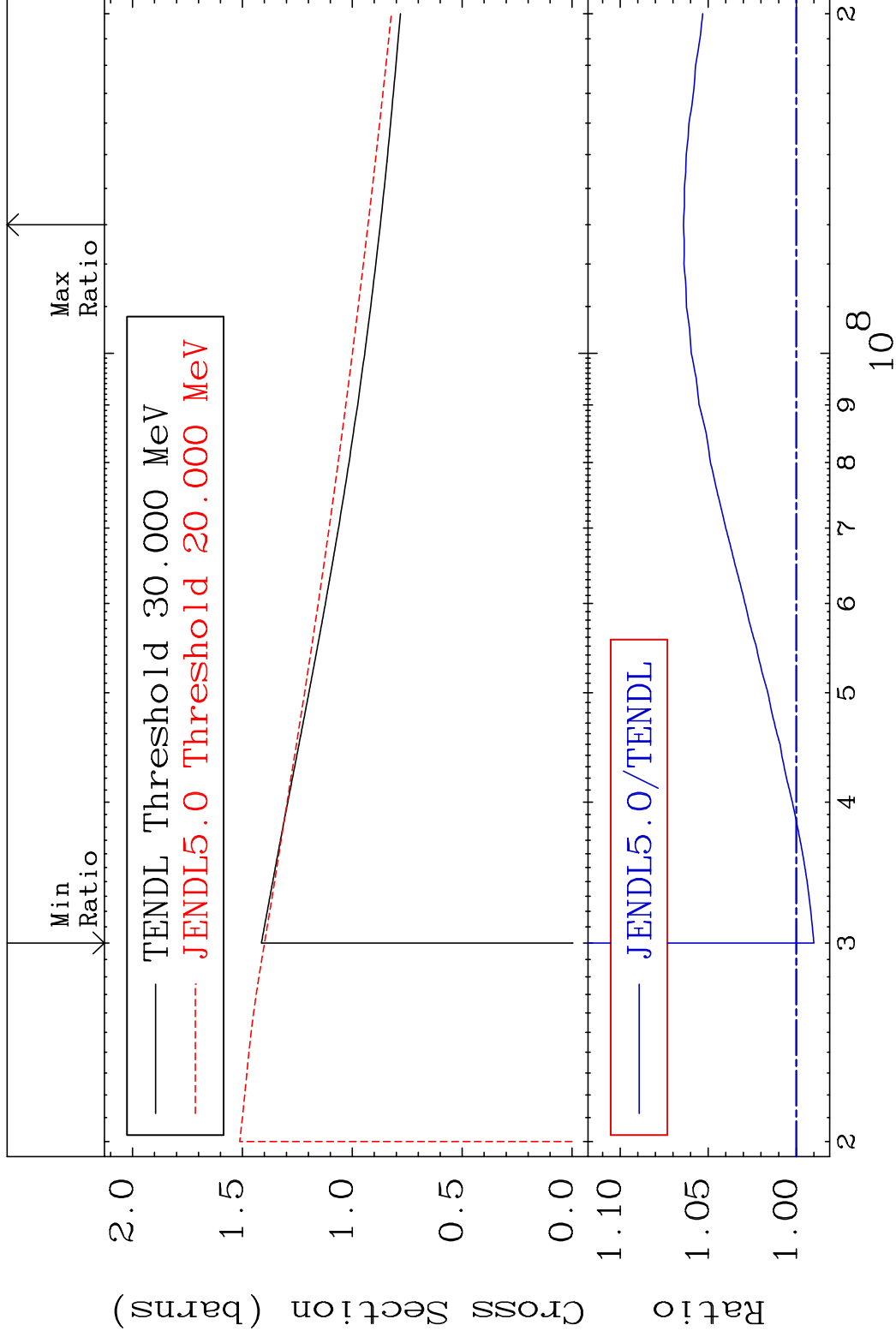
Cross Section -99.75 To 9999. %





MAT 3434

(n, remainder) 34-Se-77
Cross Section -1.001 To 6.407 %

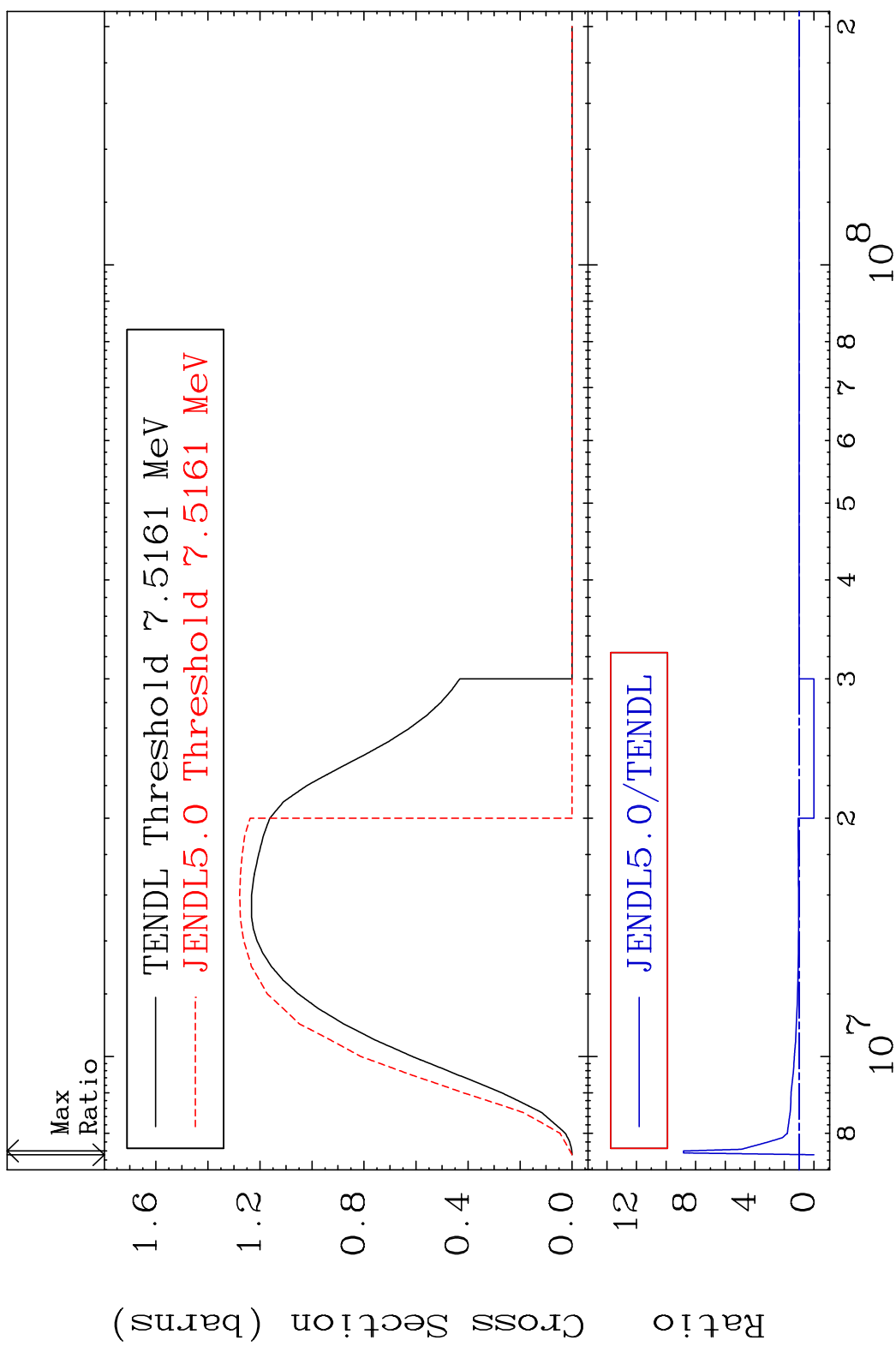


4

Incident Energy (eV)

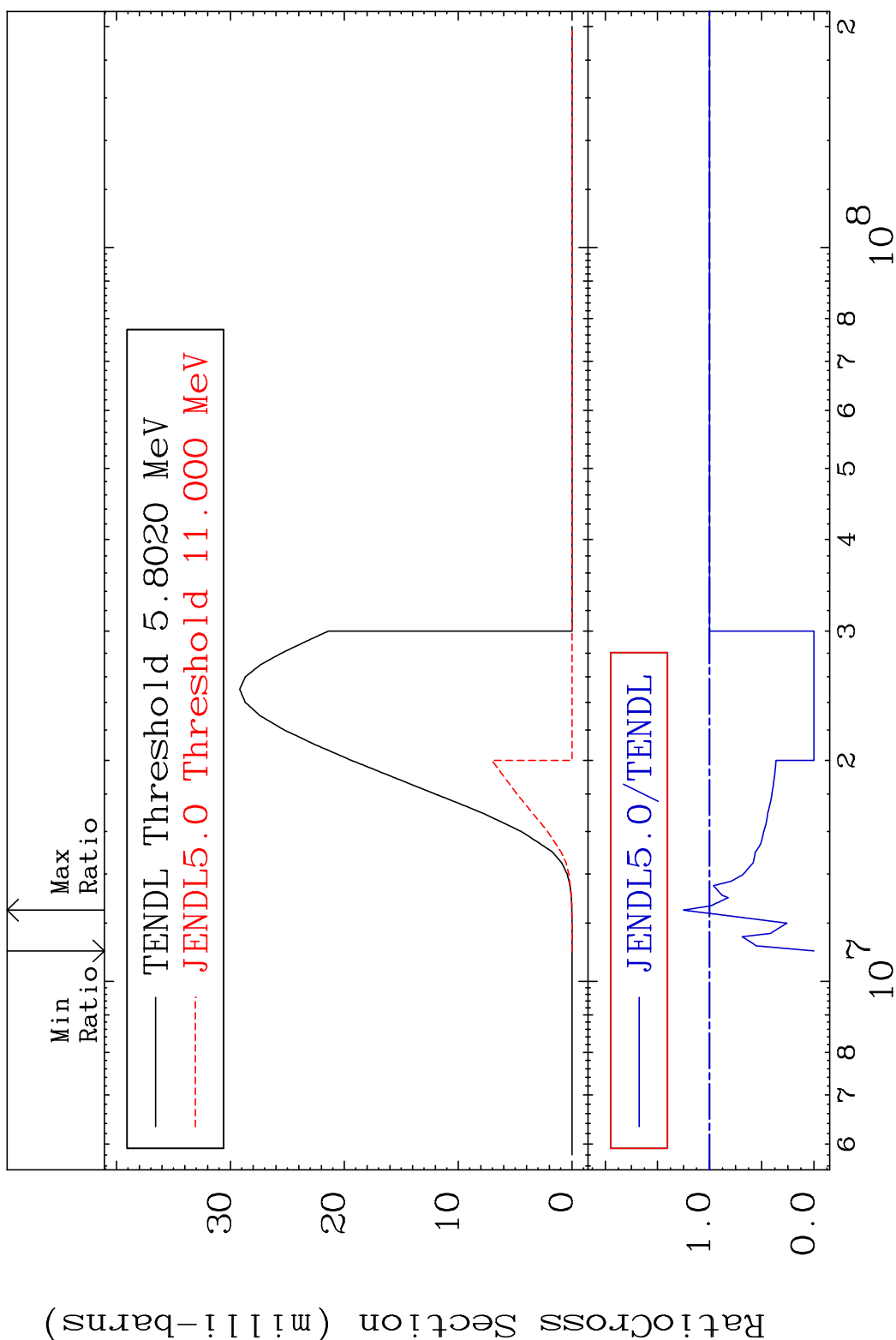
34-Se-77

MAT 3434 (n,2n) ³⁴Se-77
 Cross Section -100.0 To 782.3 %



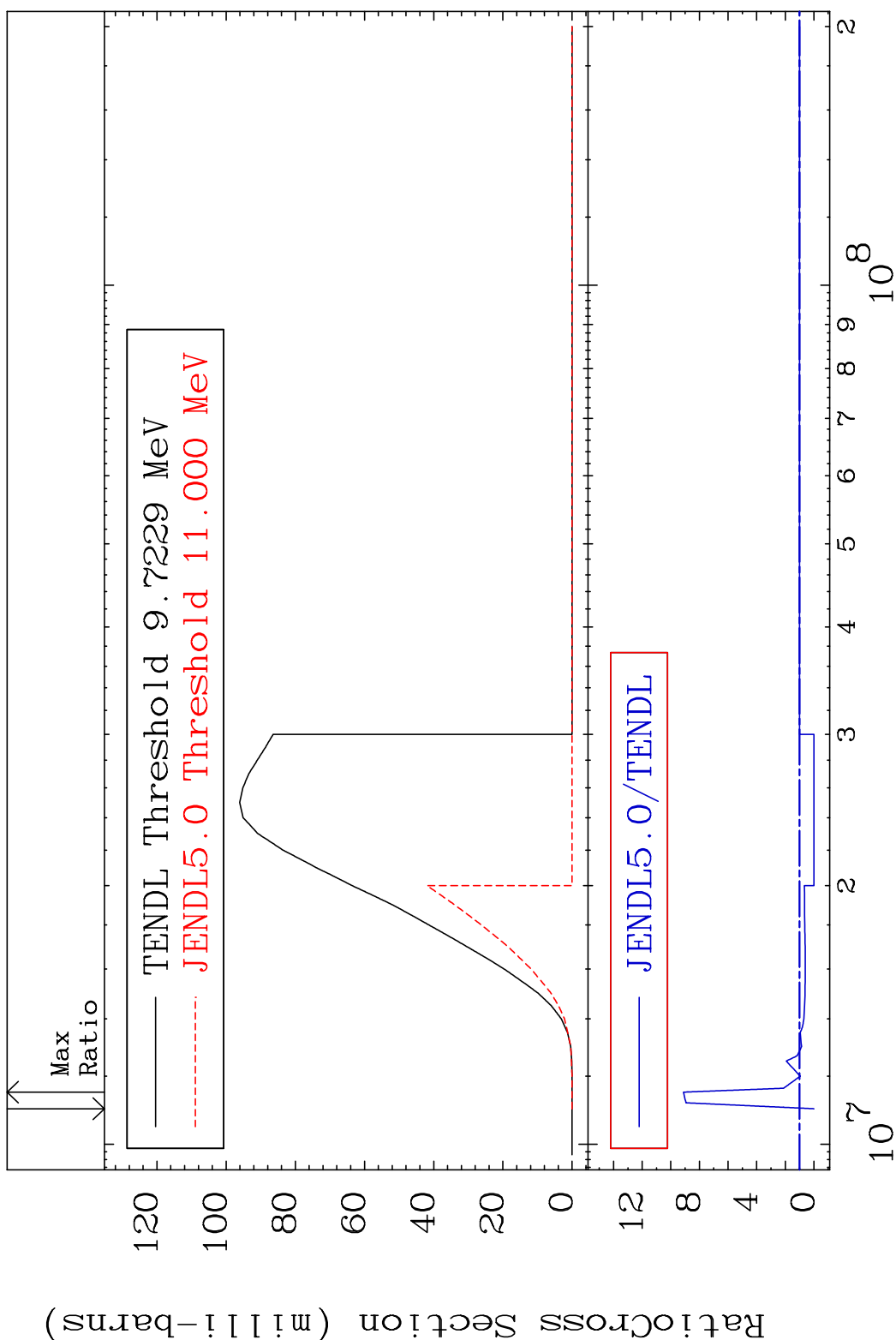
5 Incident Energy (eV) ³⁴Se-77

MAT 3434 (n, n') α ³⁴Se-77
 Cross Section -100.0 To 25.05 %



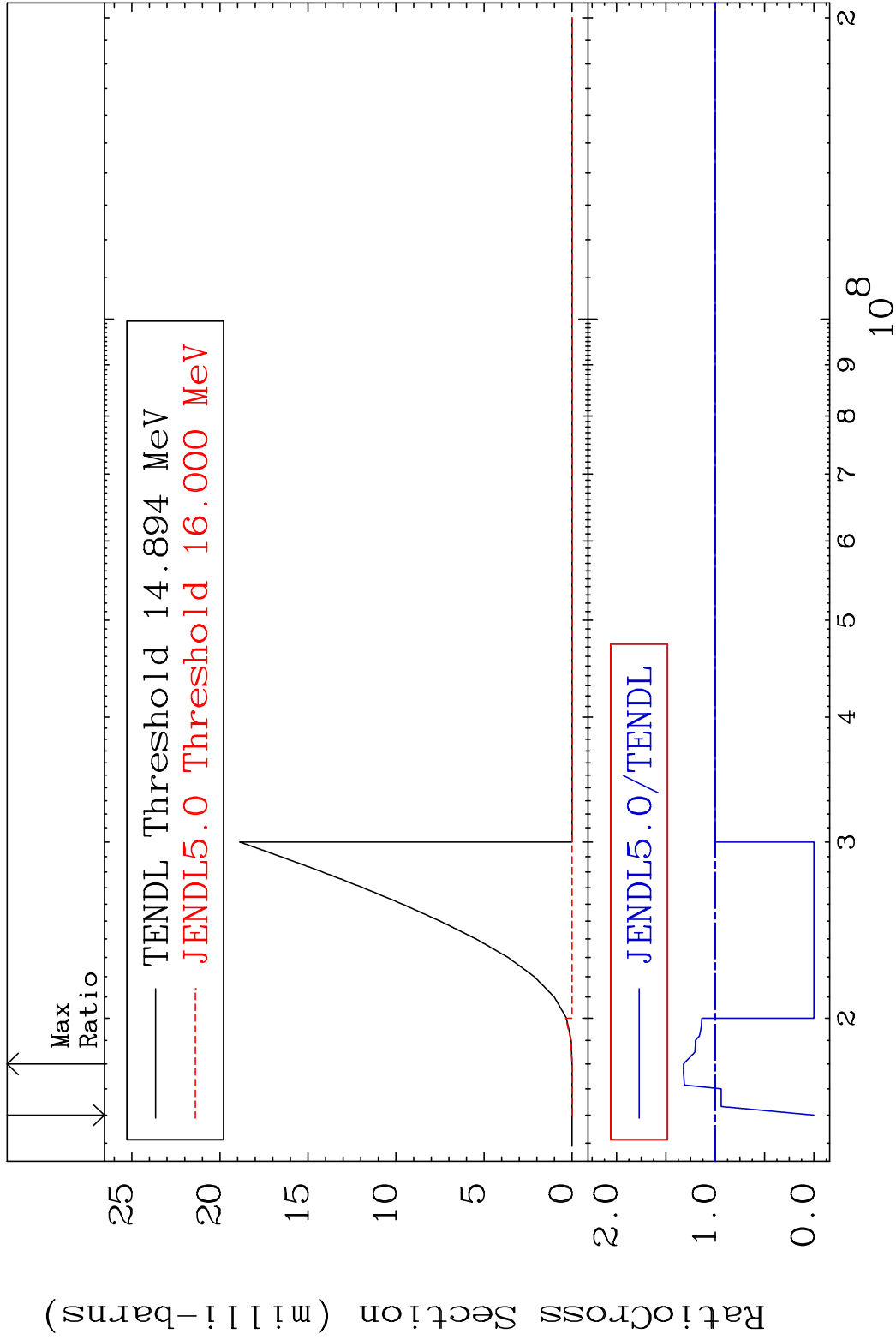
7 34-Se-77

MAT 3434 (n, n') p 34-Se-77
 Cross Section -100.0 To 811.5 %

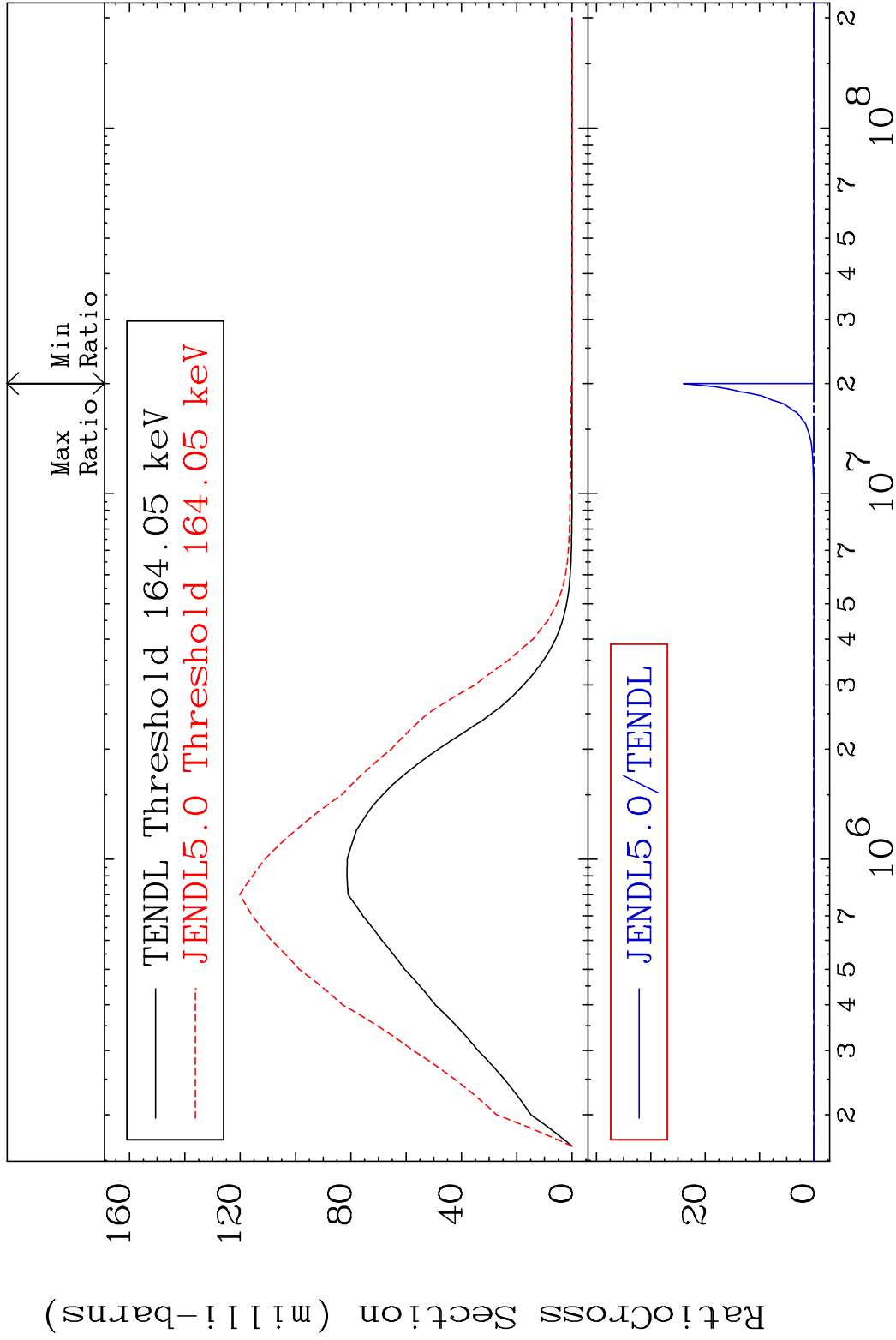


8 Incident Energy (eV) 34-Se-77

MAT 3434 (n, n') d 34-Se-77
 Cross Section -100.0 To 32.27 %

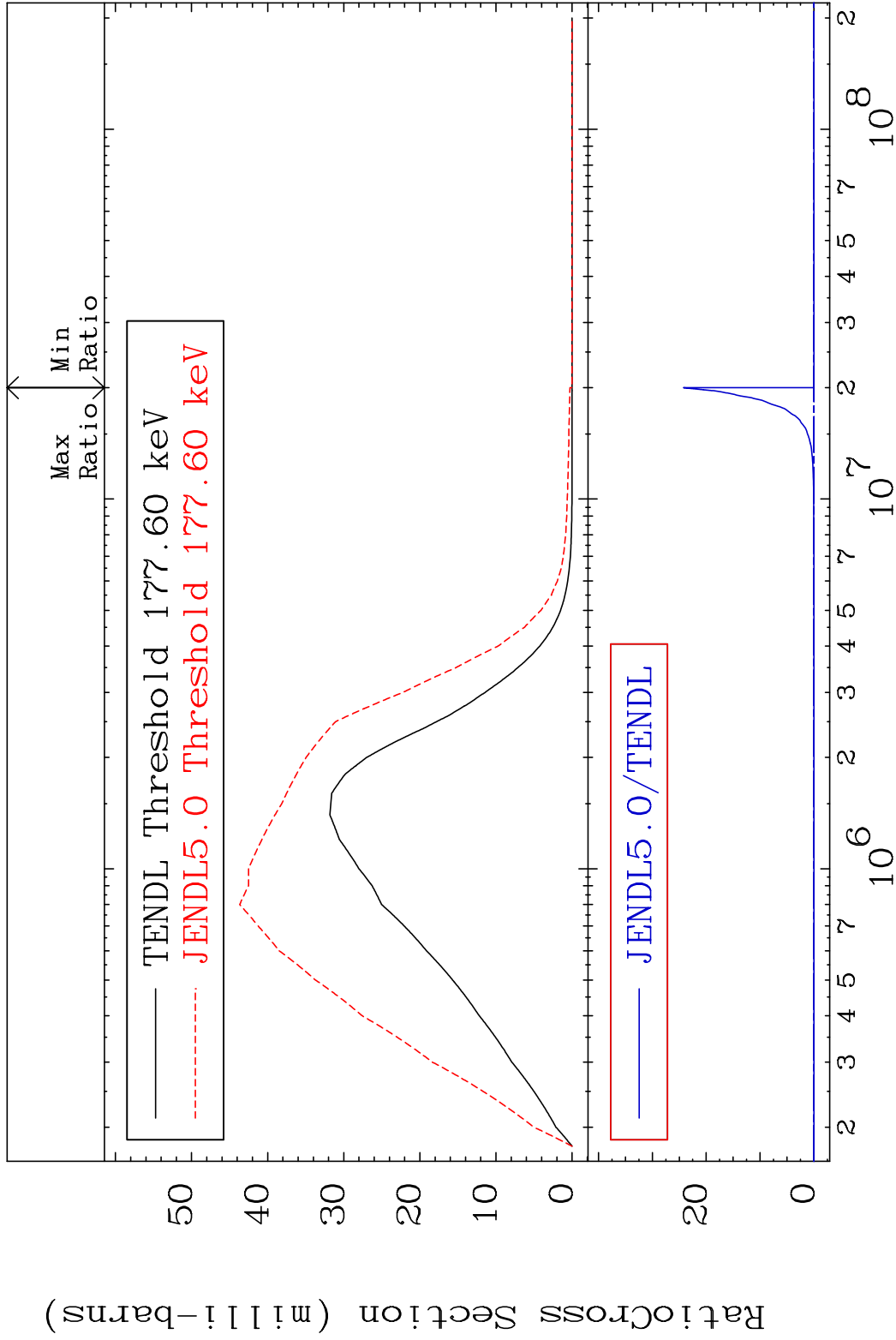


MAT 3434 MT= 51 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



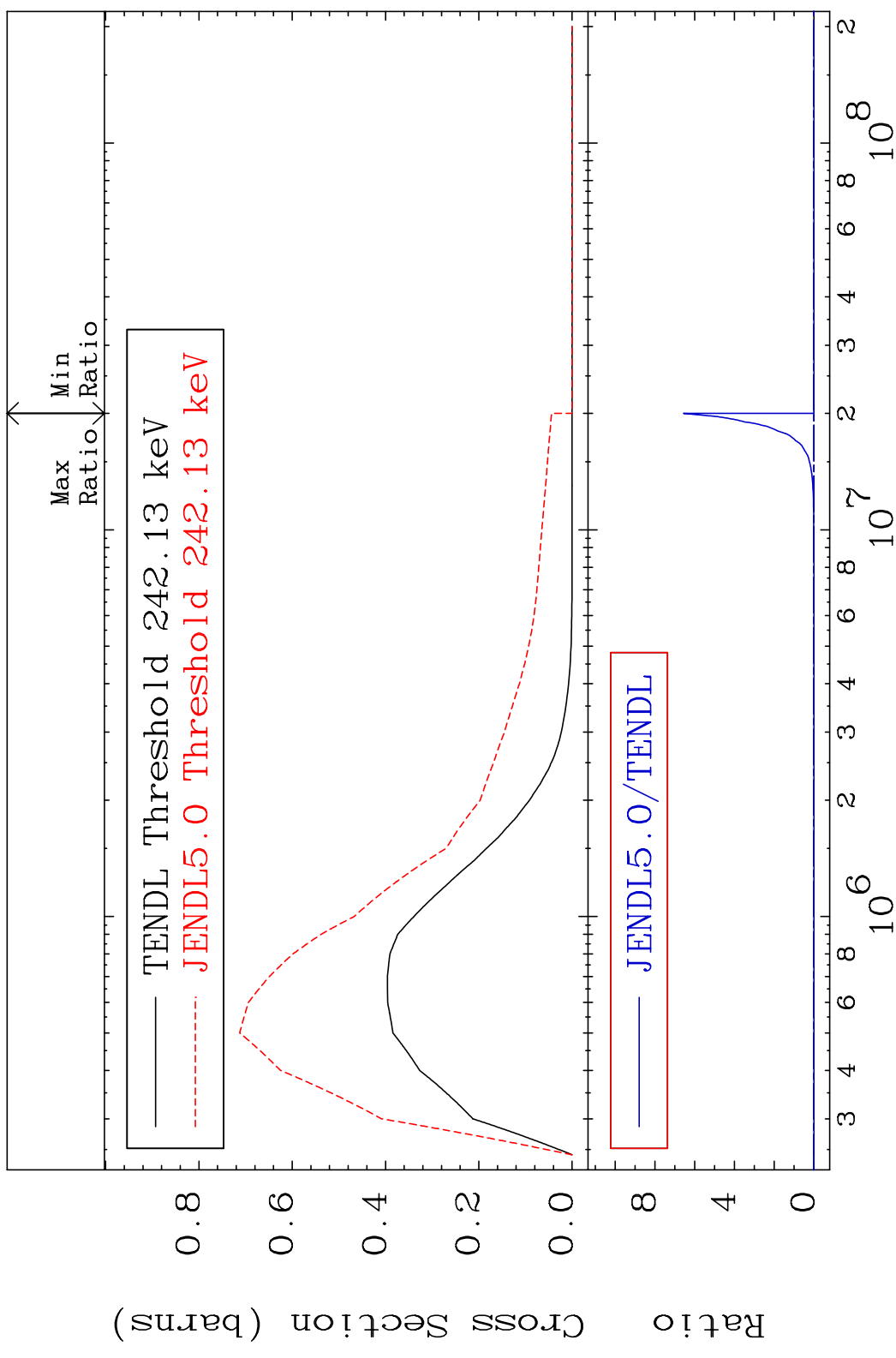
10 Incident Energy (eV) 34-Se-77

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



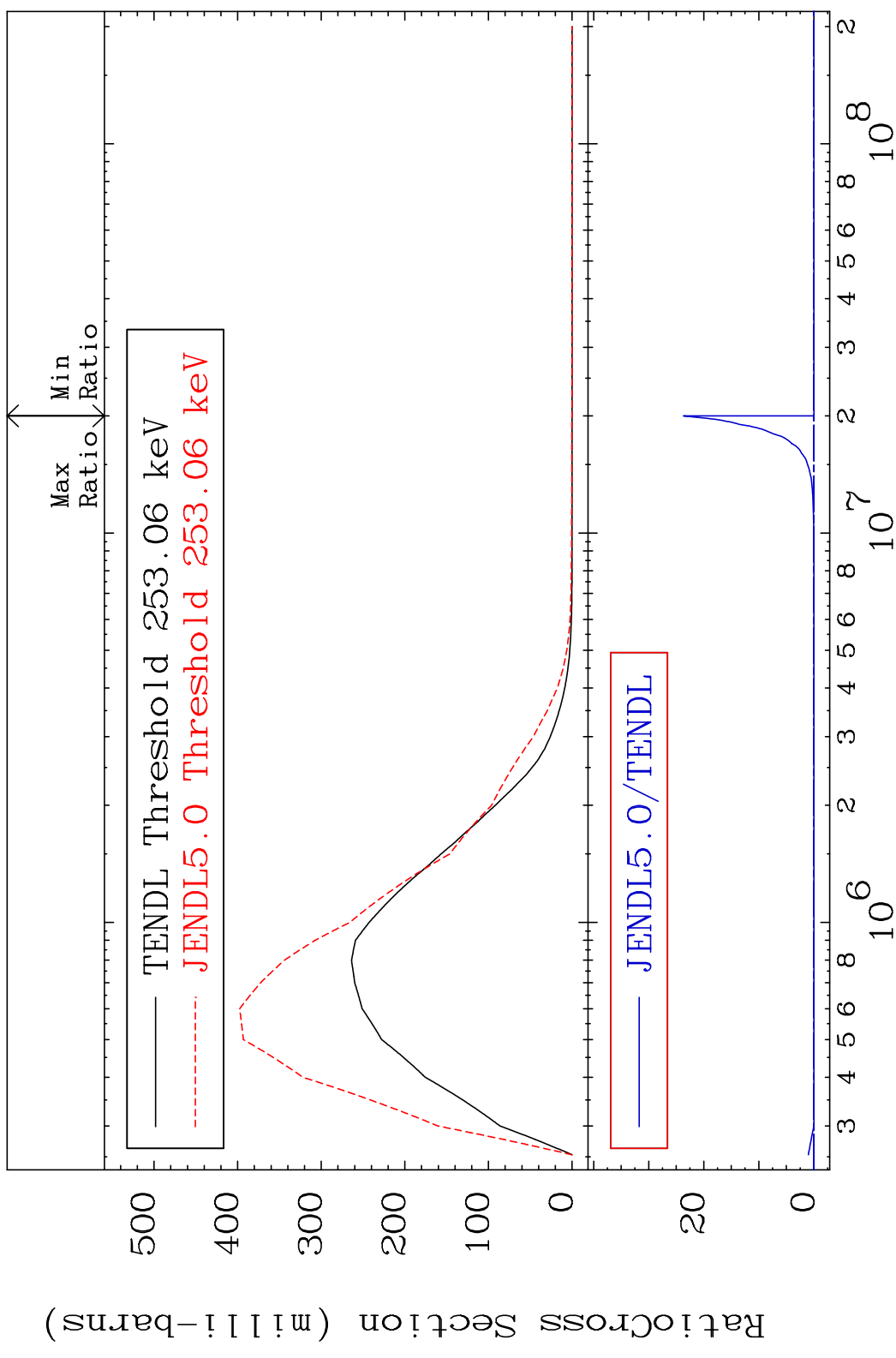
11 Incident Energy (eV) 34-Se-77

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

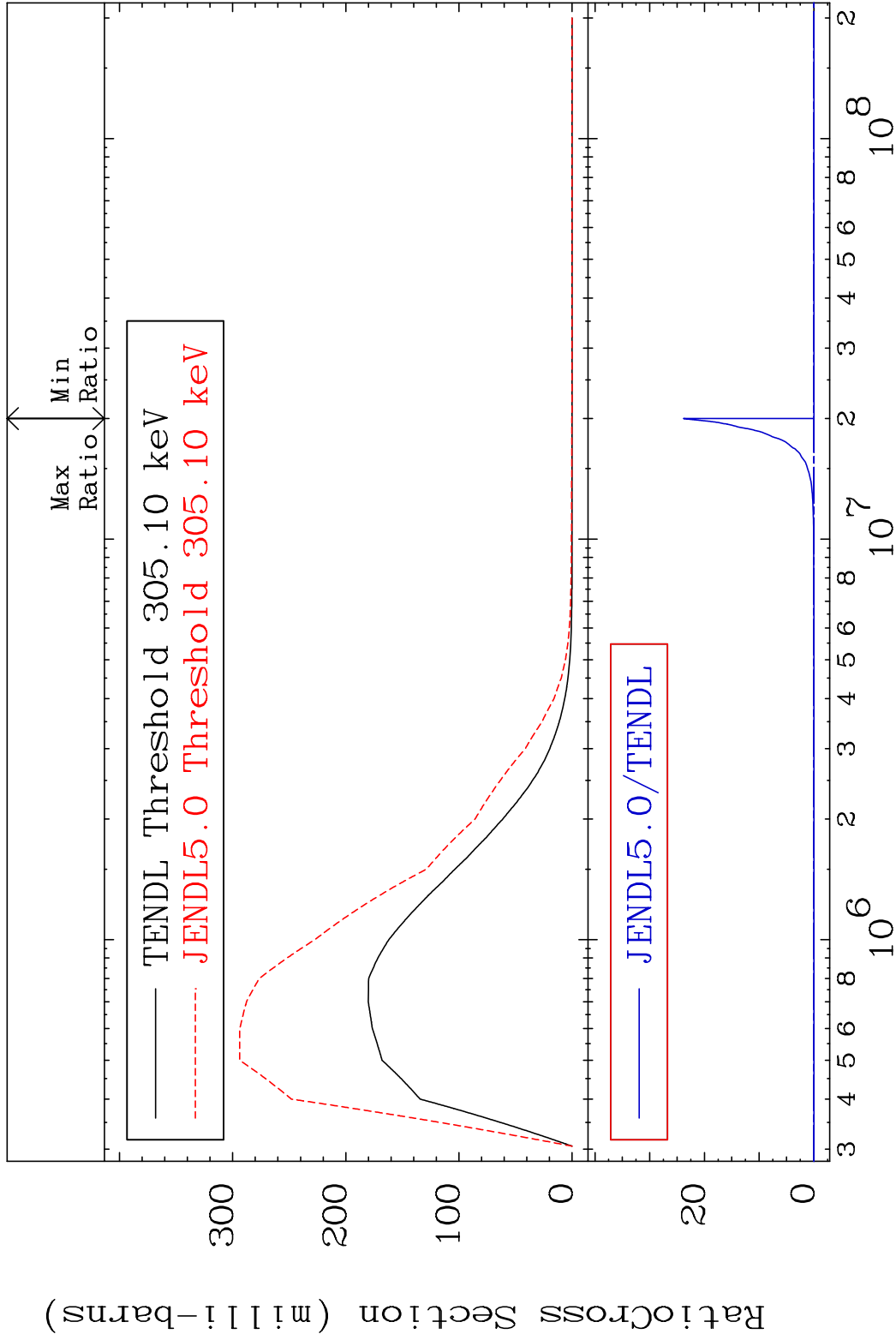


12 Incident Energy (eV) 34-Se-77

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

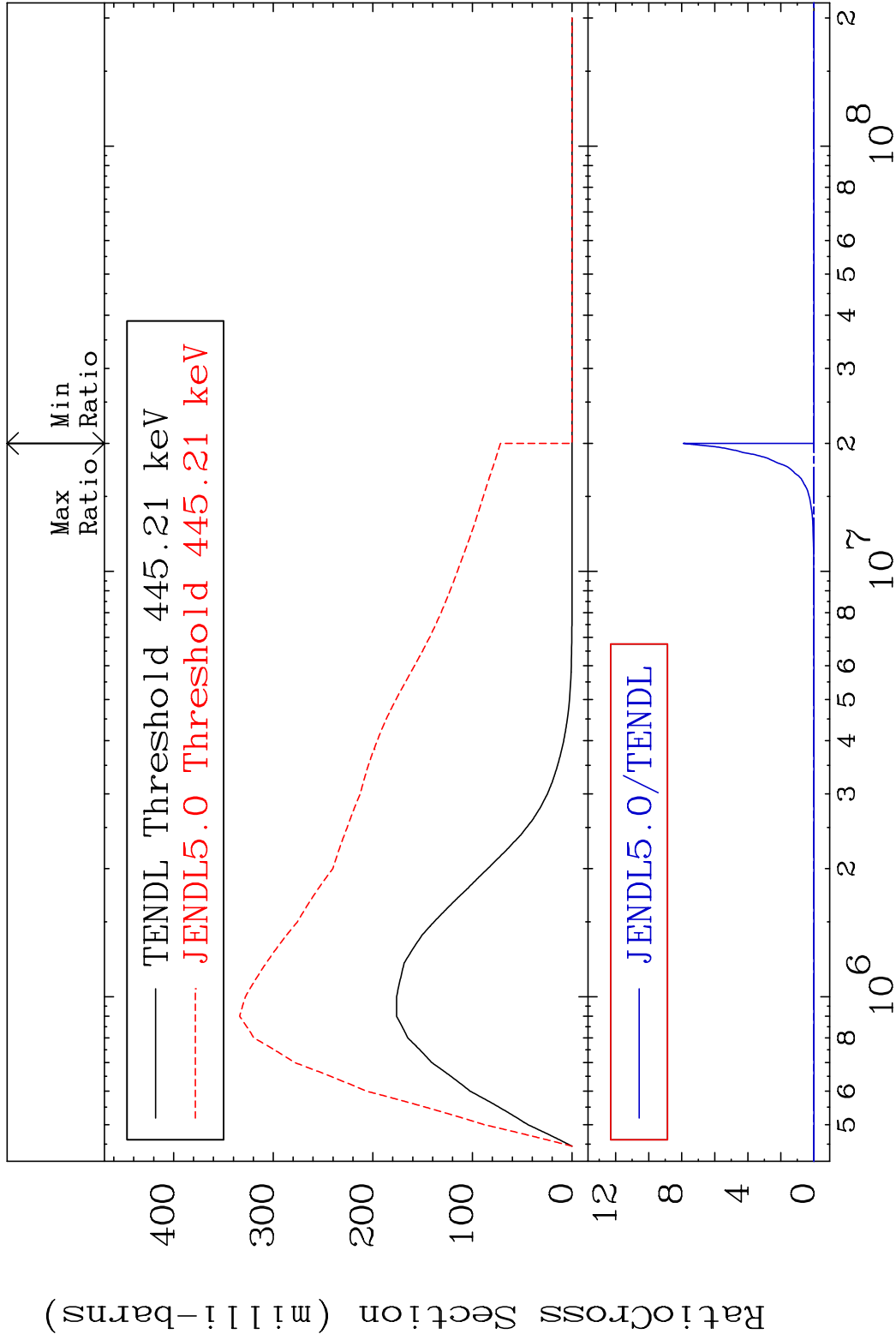


MAT 3434 MT= 55 (n, n') Level 34-Se-77
 Cross Section -100.0 To 9999. %



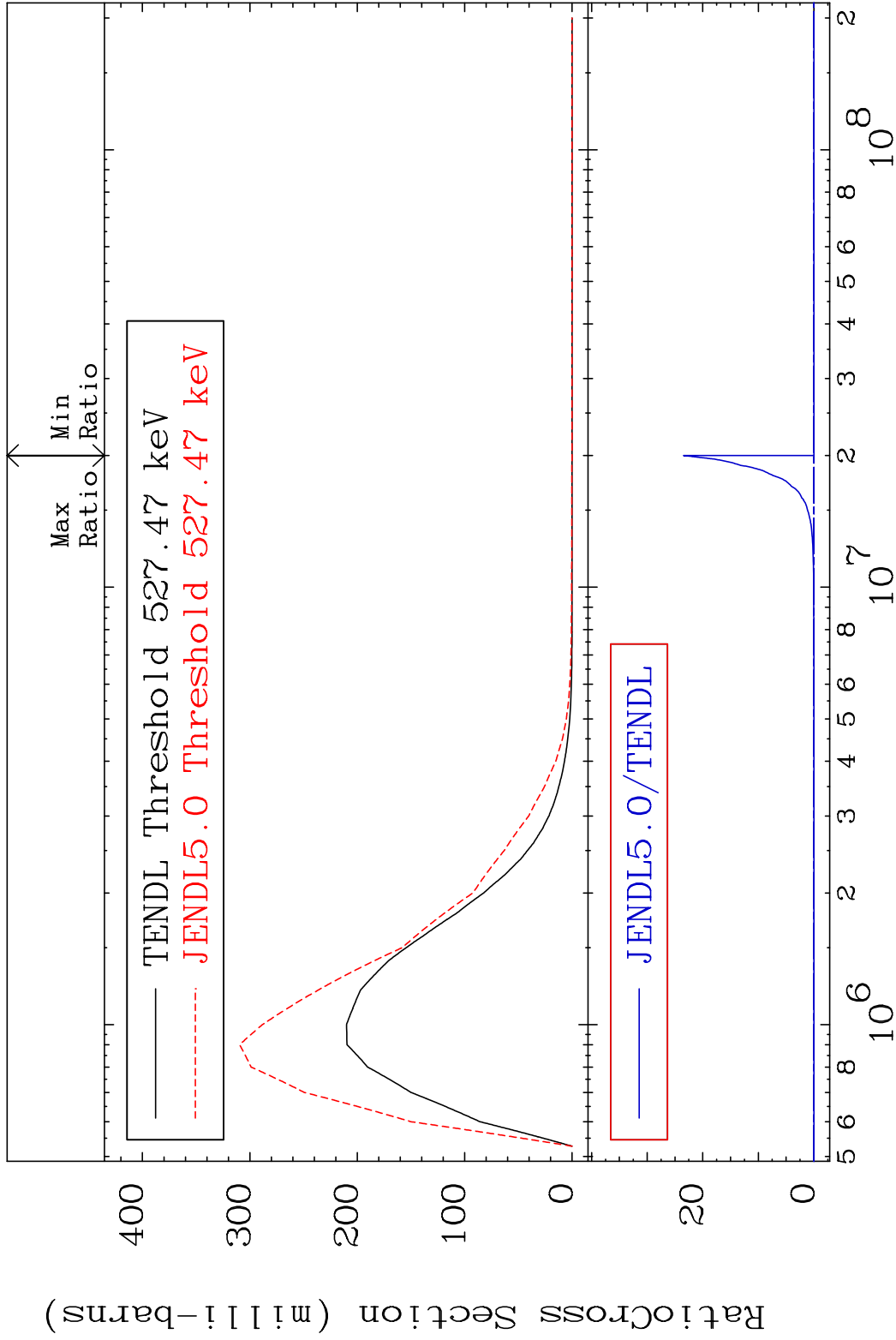
14 Incident Energy (eV) 34-Se-77

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



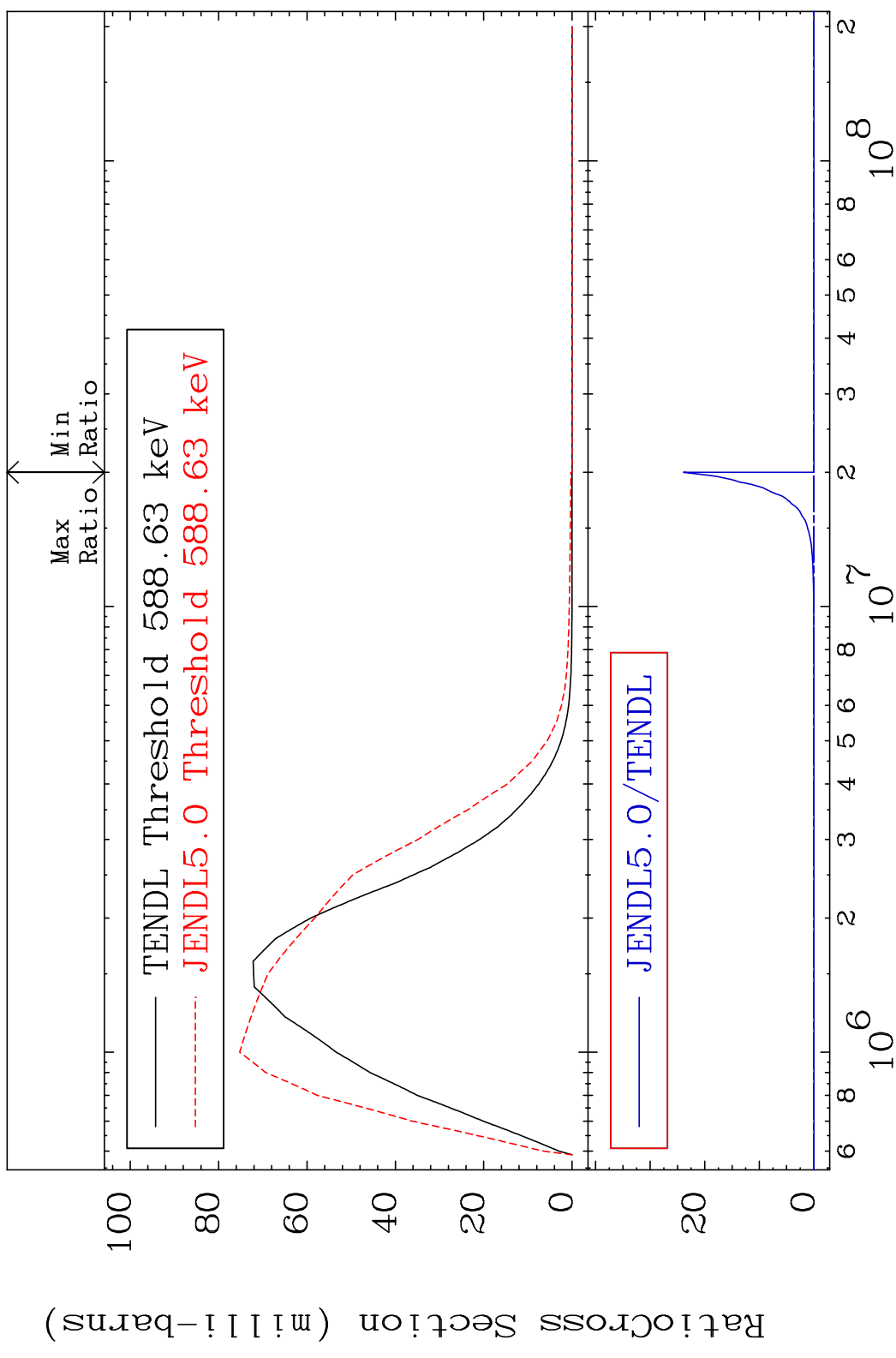
15 Incident Energy (eV) 34-Se-77

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



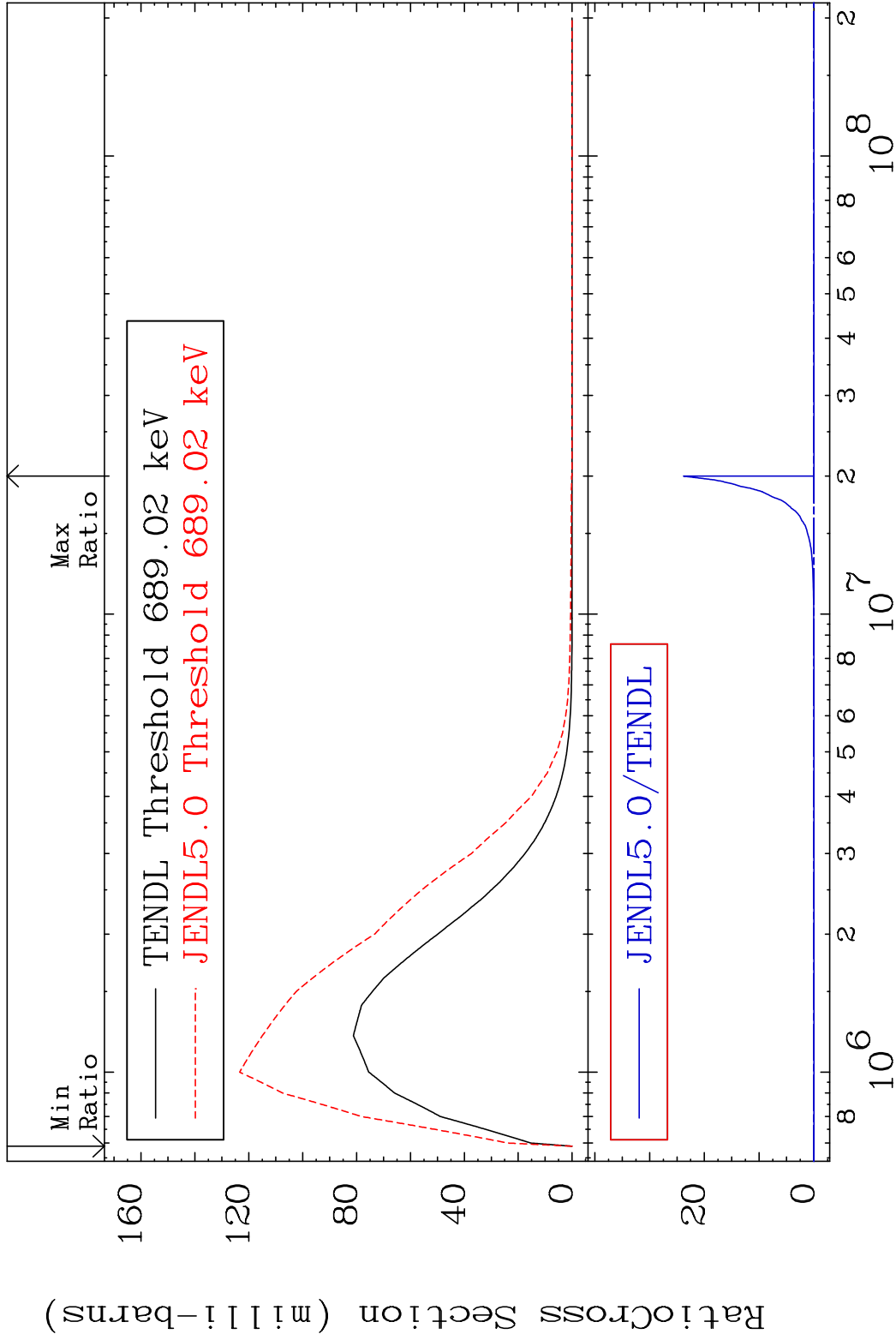
16 Incident Energy (eV) 34-Se-77

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



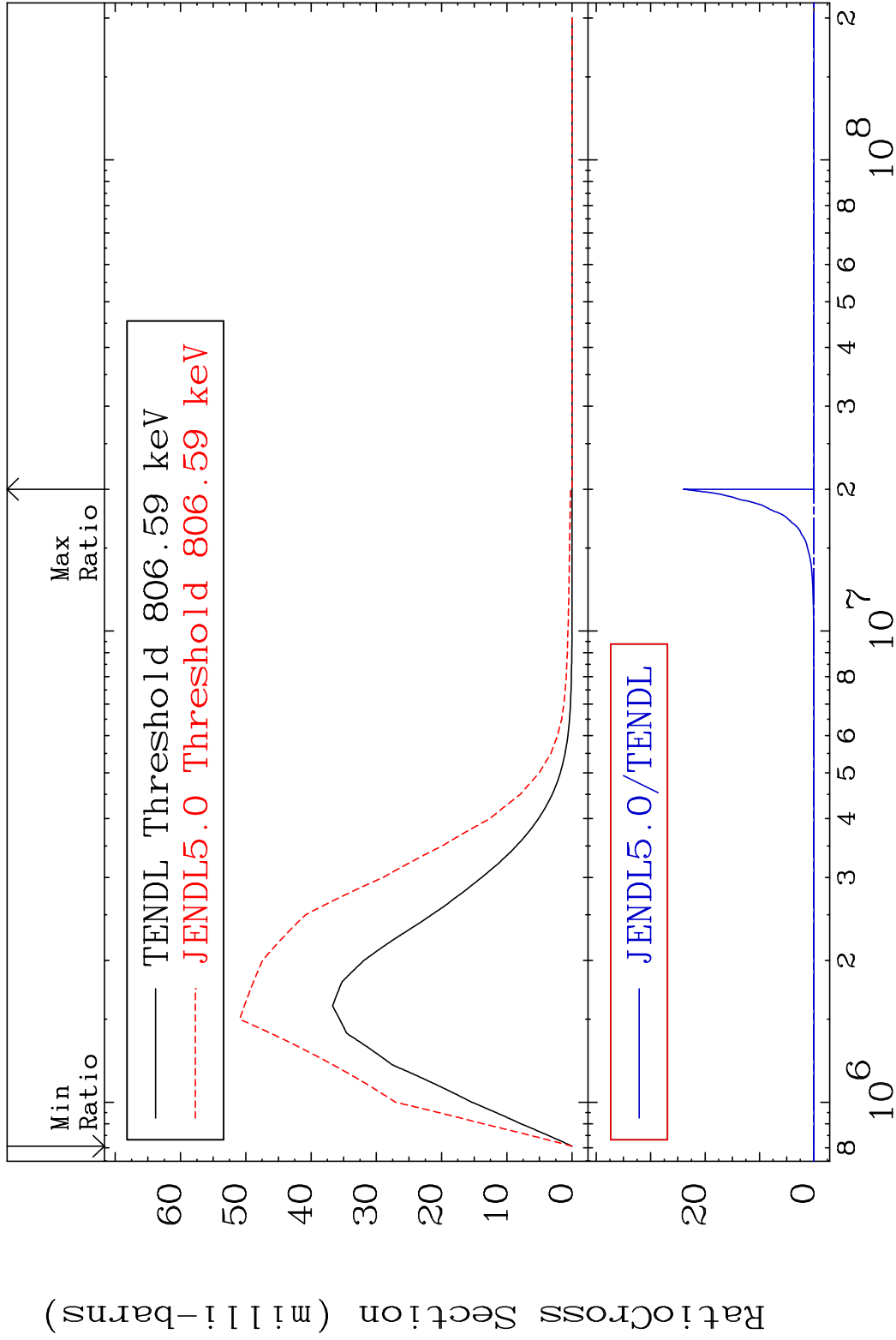
17

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



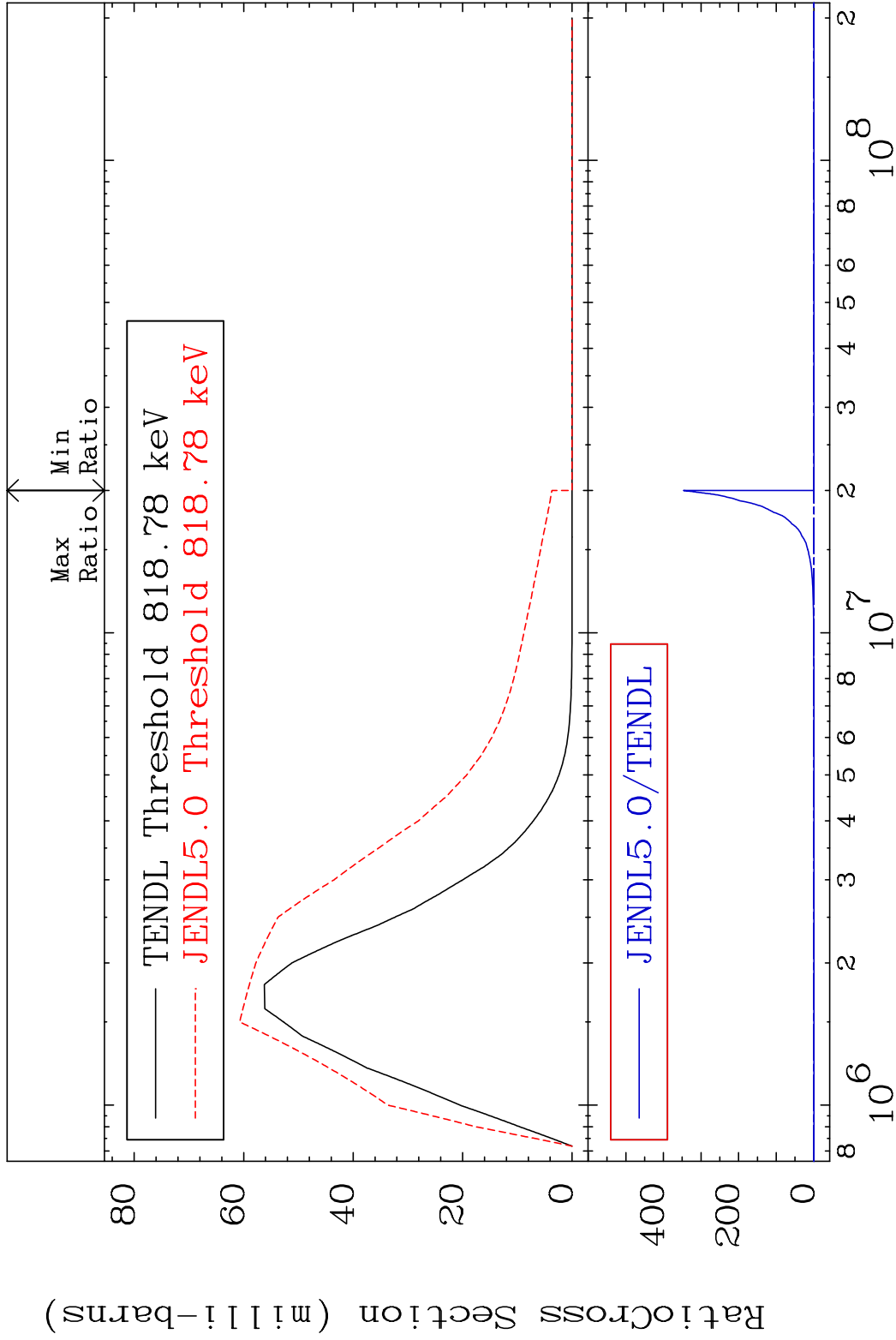
18 Incident Energy (eV) 34-Se-77

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



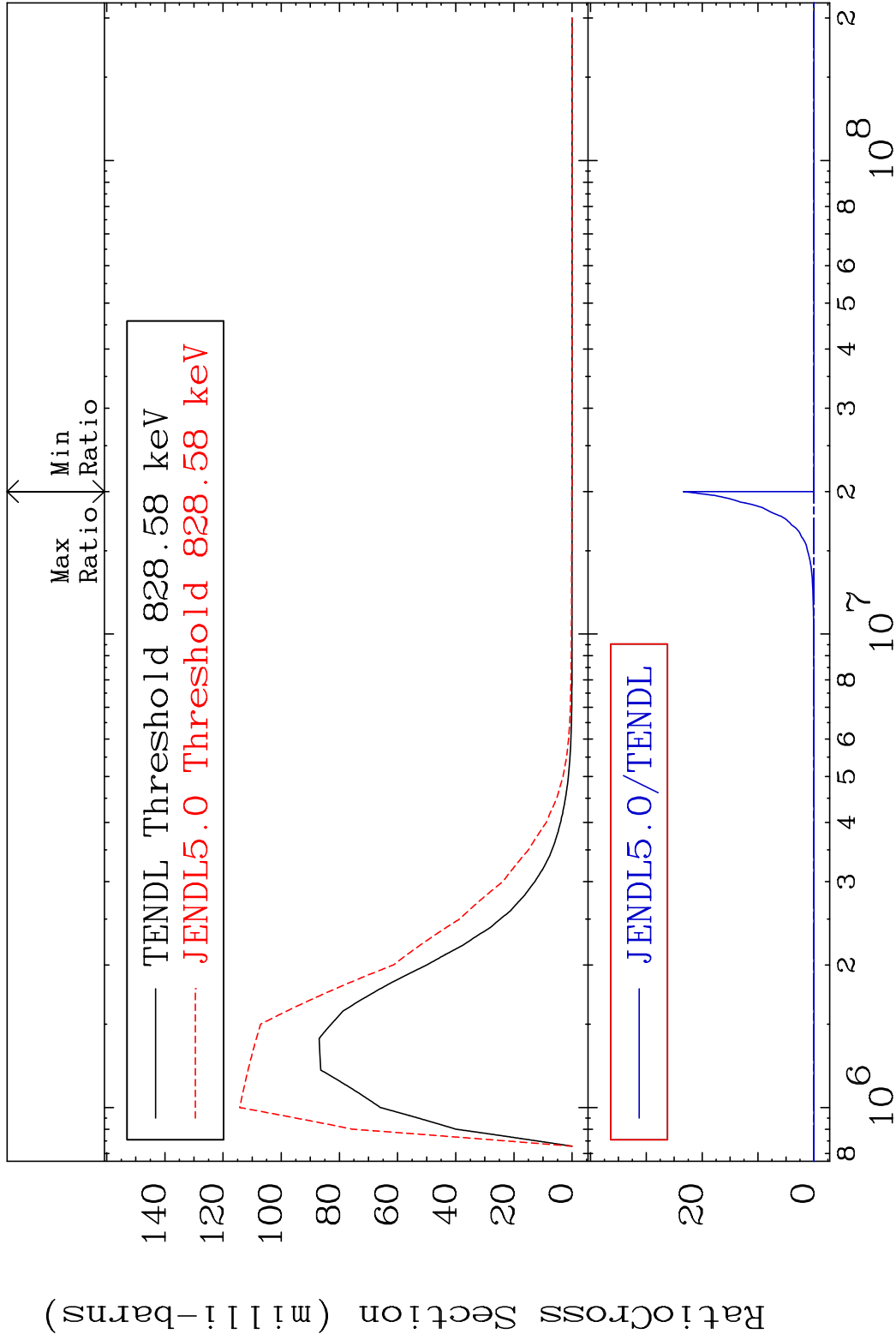
19 34-Se-77

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



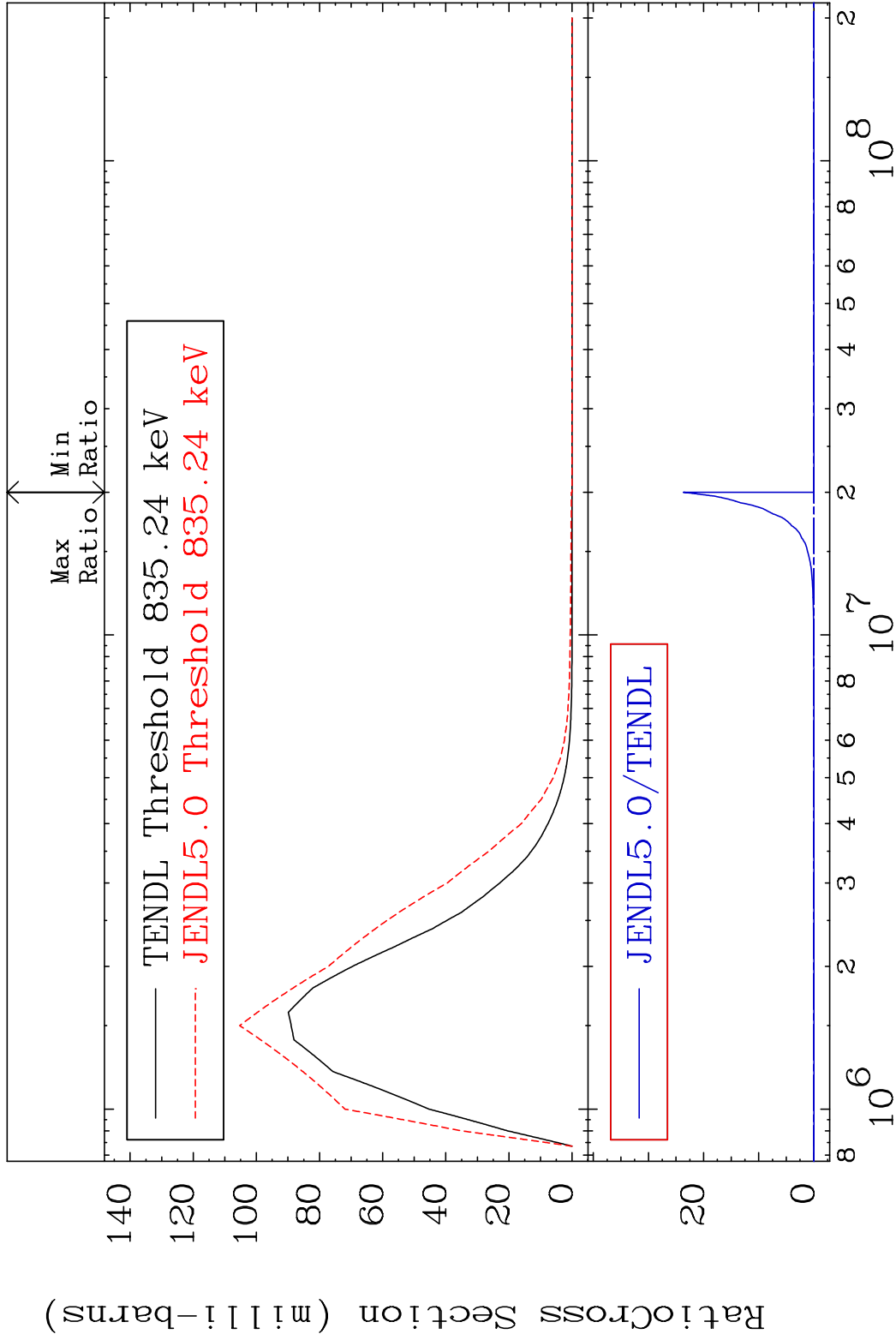
20 34-Se-77

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



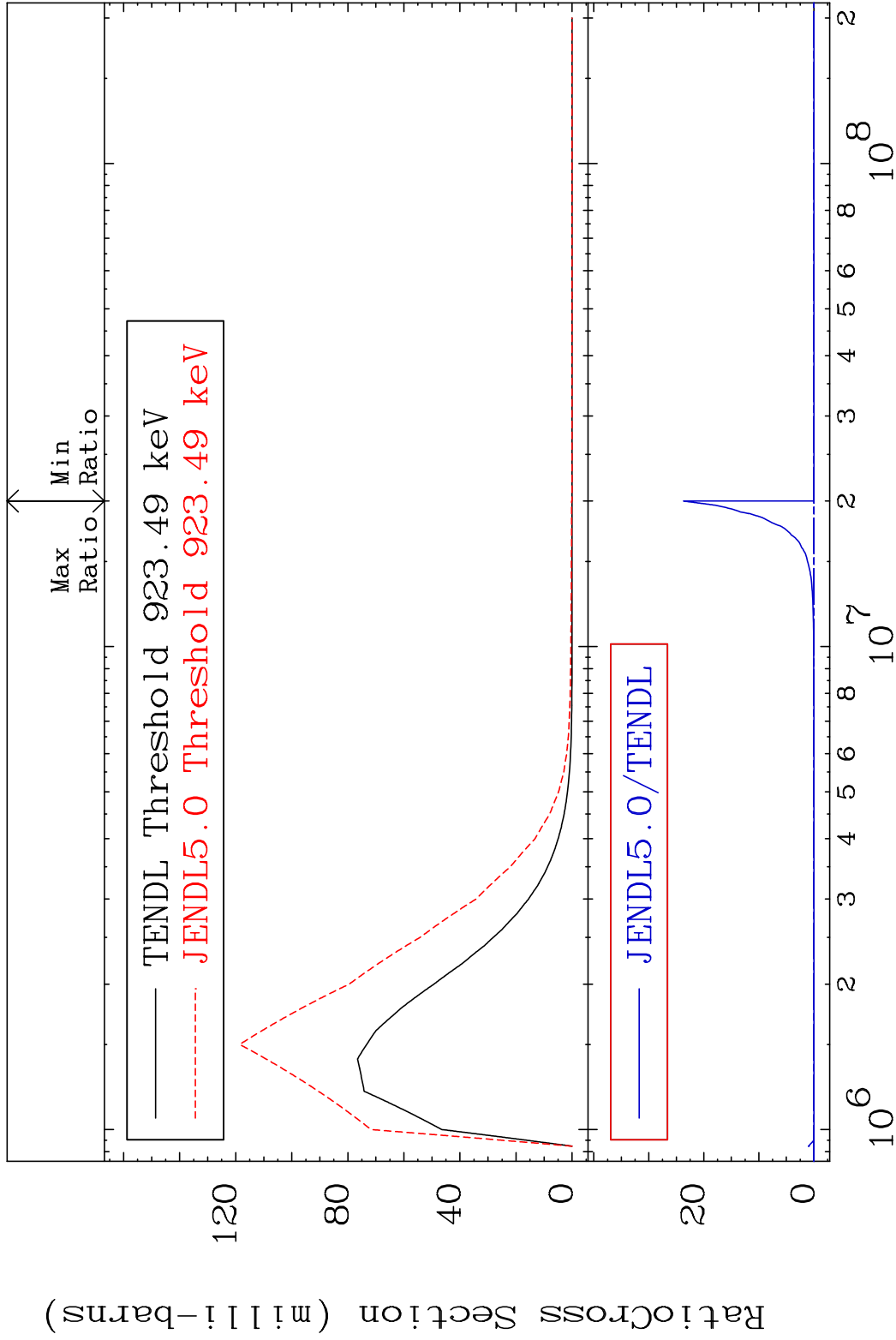
21 34-Se-77

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



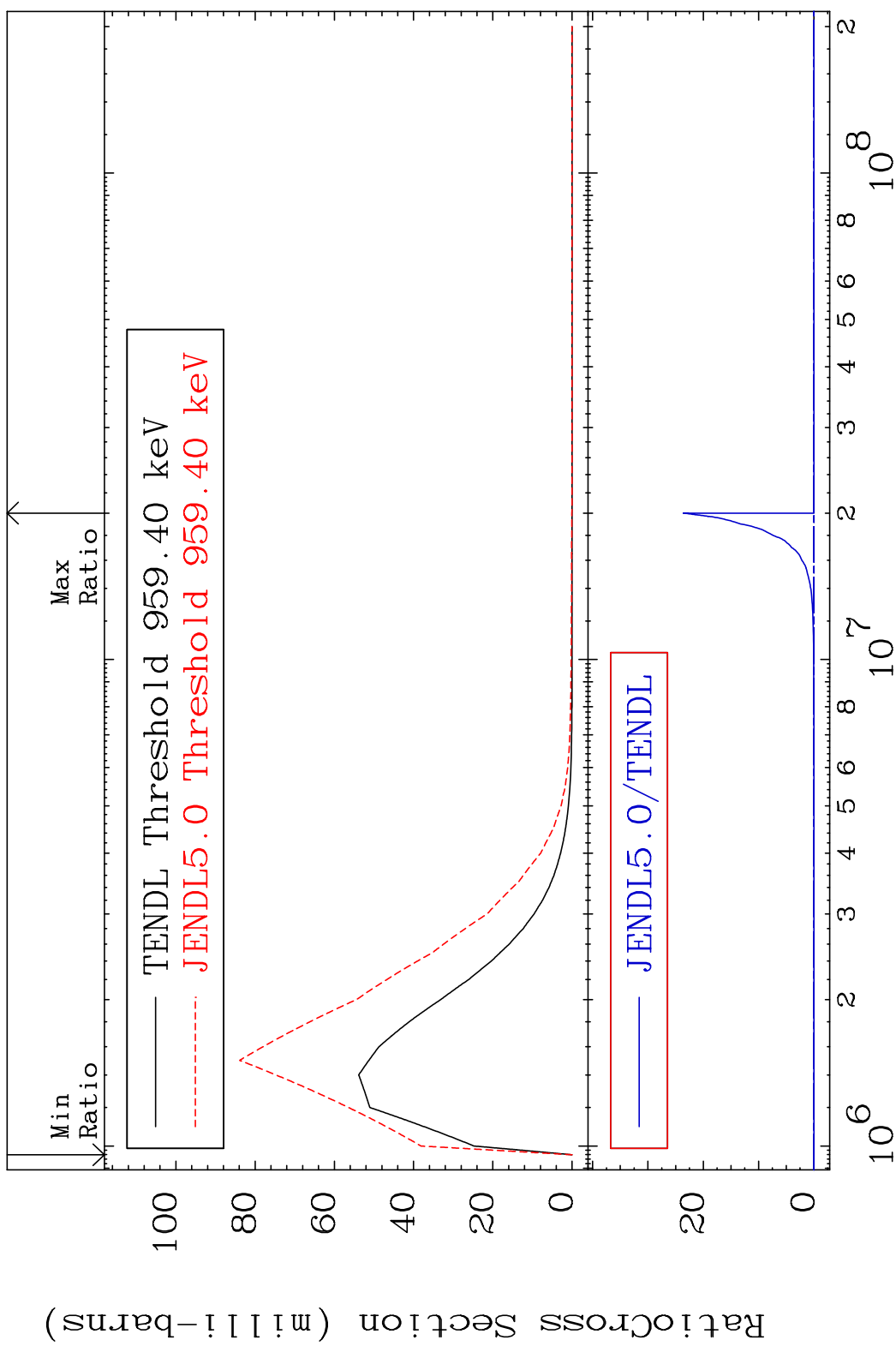
22 Incident Energy (eV) 34-Se-77

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

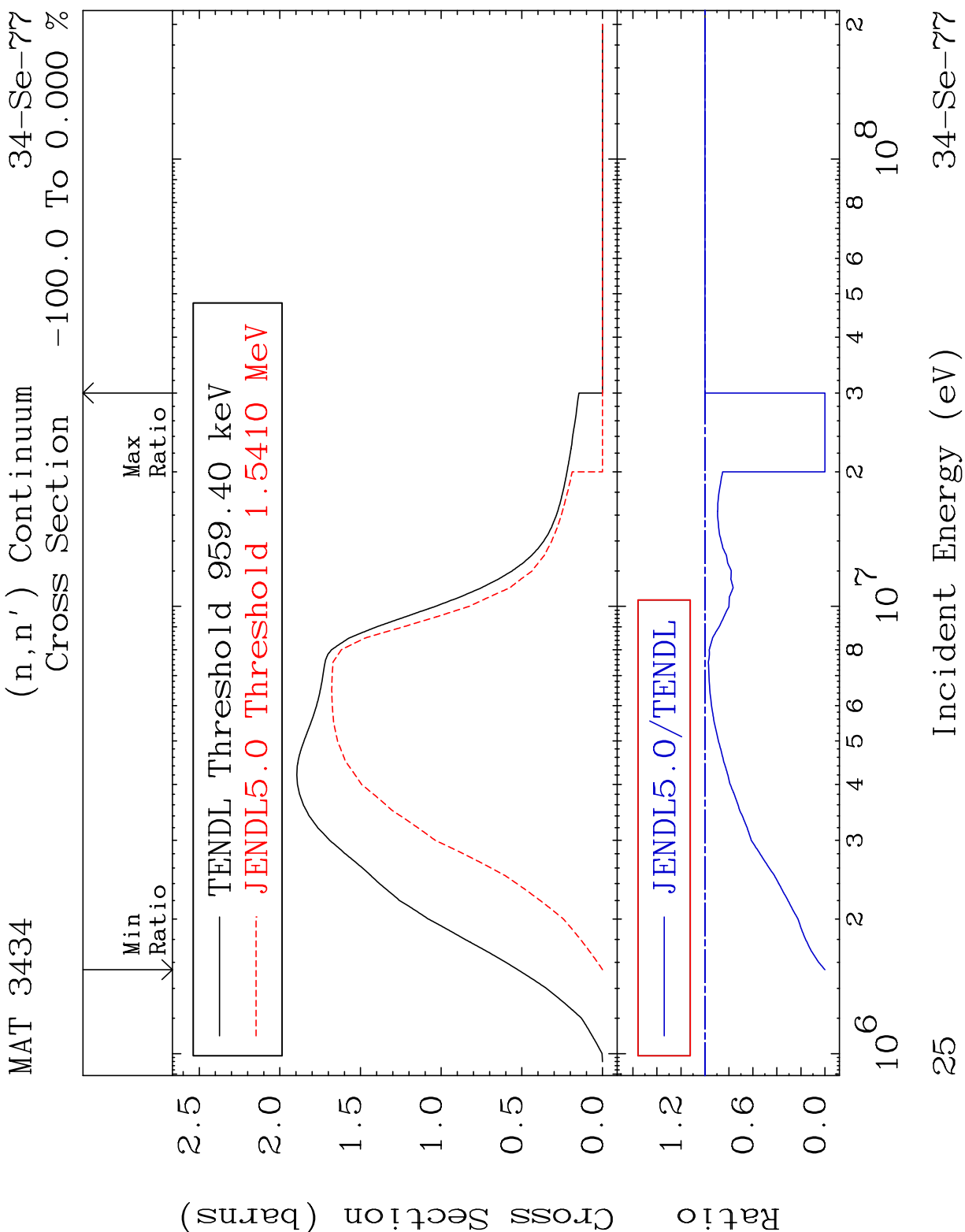


23 34-Se-77

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



24 Incident Energy (eV) 34-Se-77

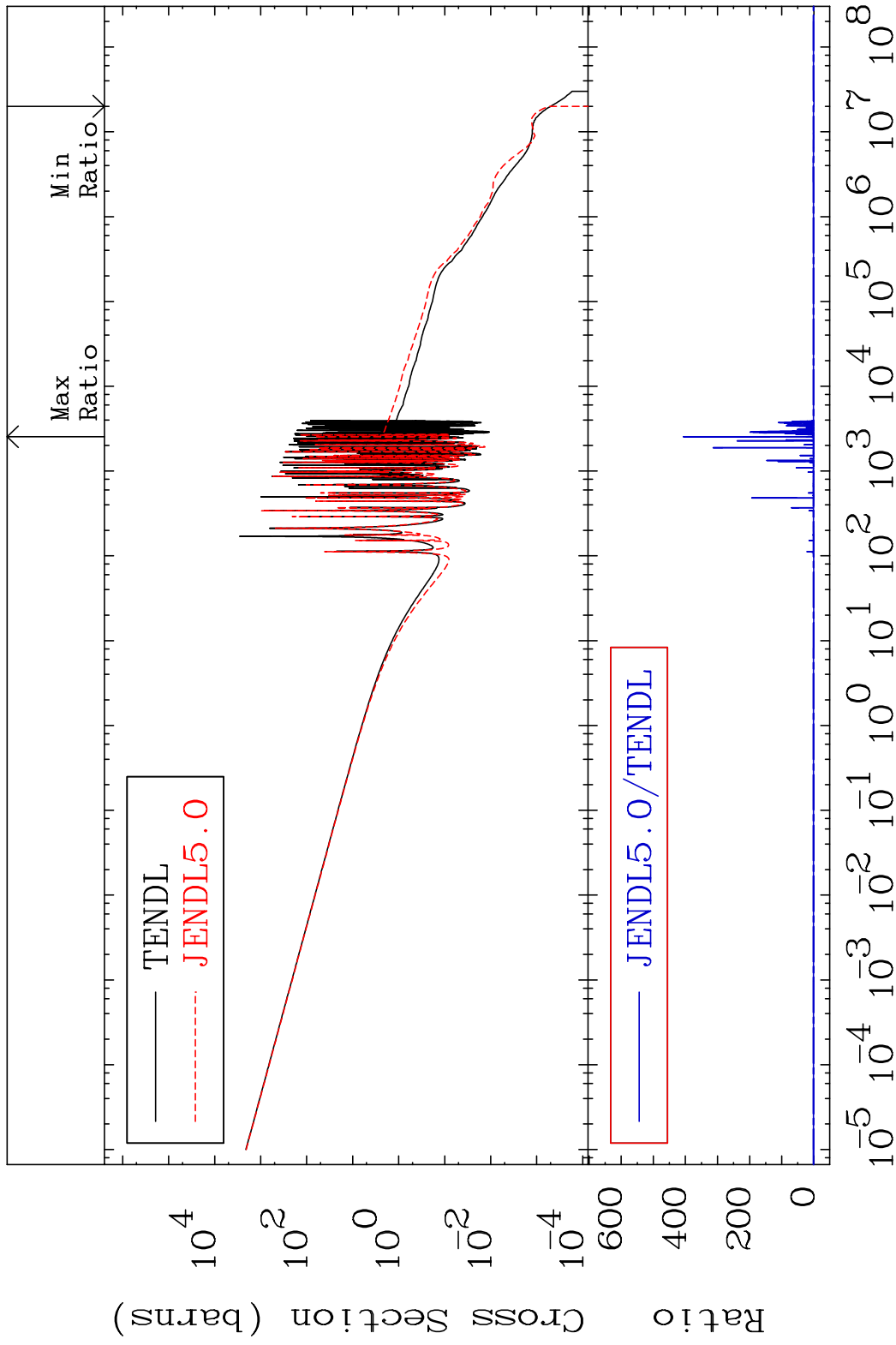


MAT 3434

(n, γ)

³⁴Se-77

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

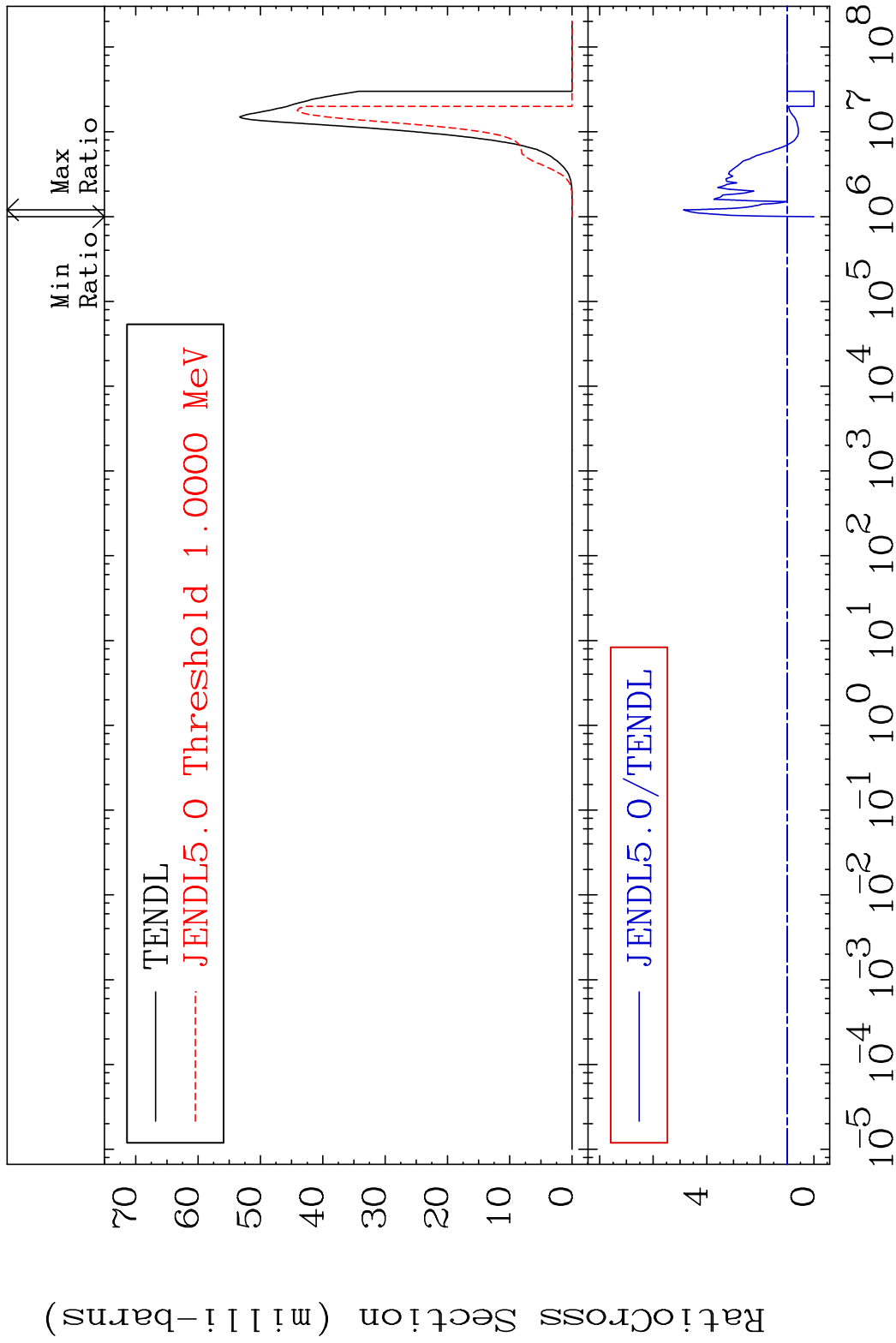
³⁴Se-77

MAT 3434

(n, p)

³⁴Se-77

Cross Section -100.0 To 387.0 %

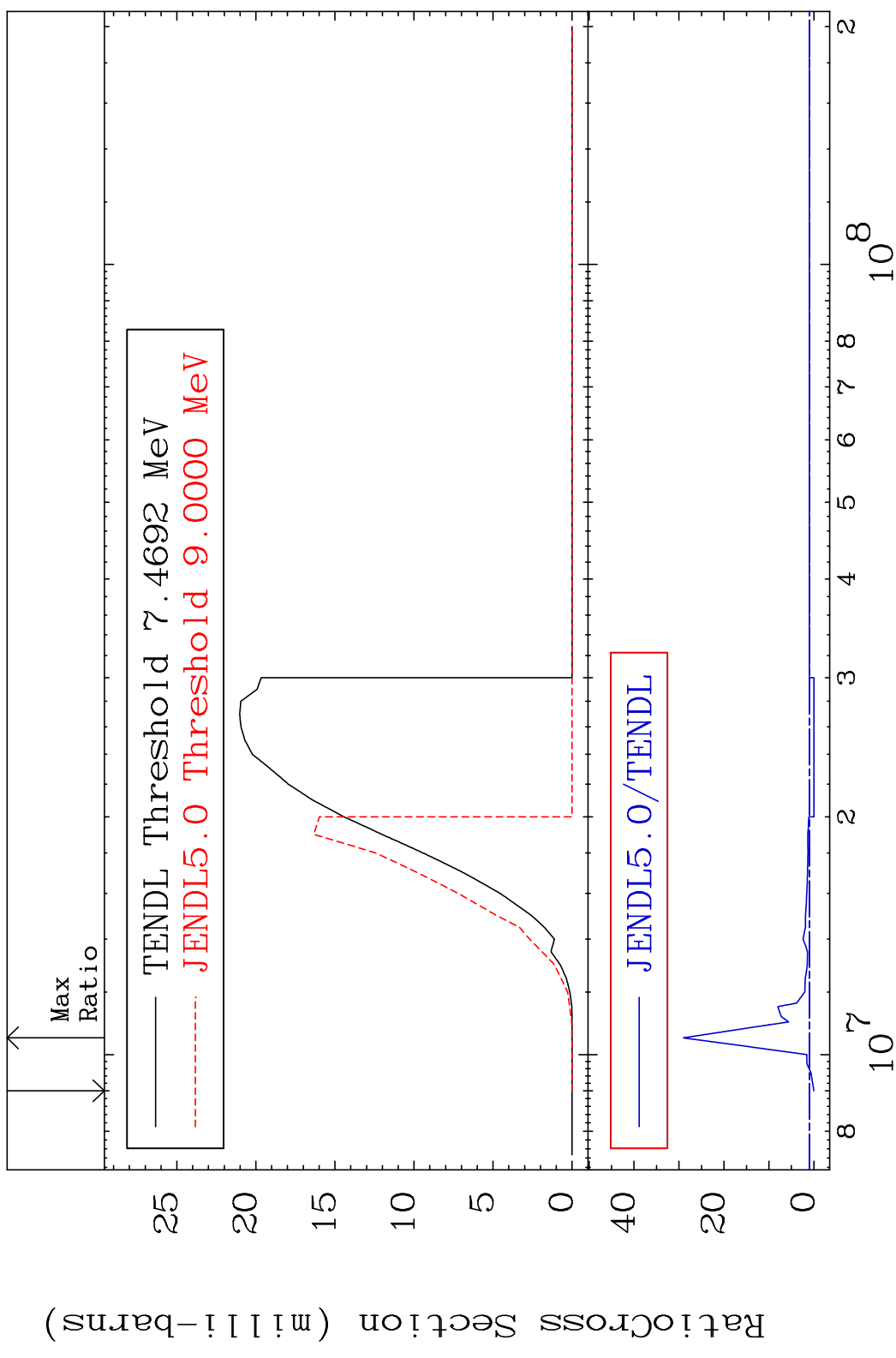


27

Incident Energy (eV)

³⁴Se-77

MAT 3434 (n, d) 34-Se-77
 Cross Section -100.0 To 2800. %

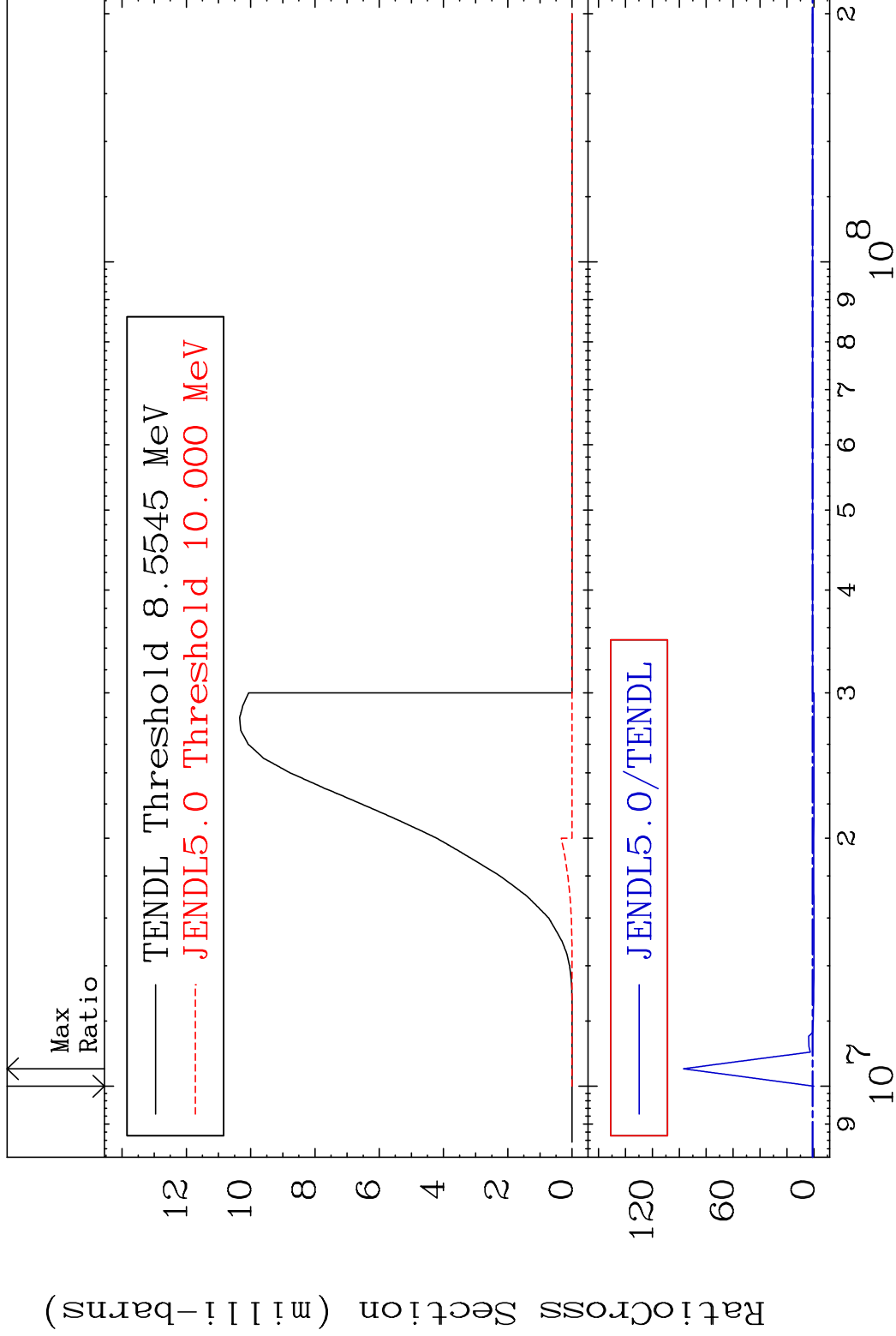


MAT 3434

(n, t)

34-Se-77

Cross Section -100.0 To 9591. %

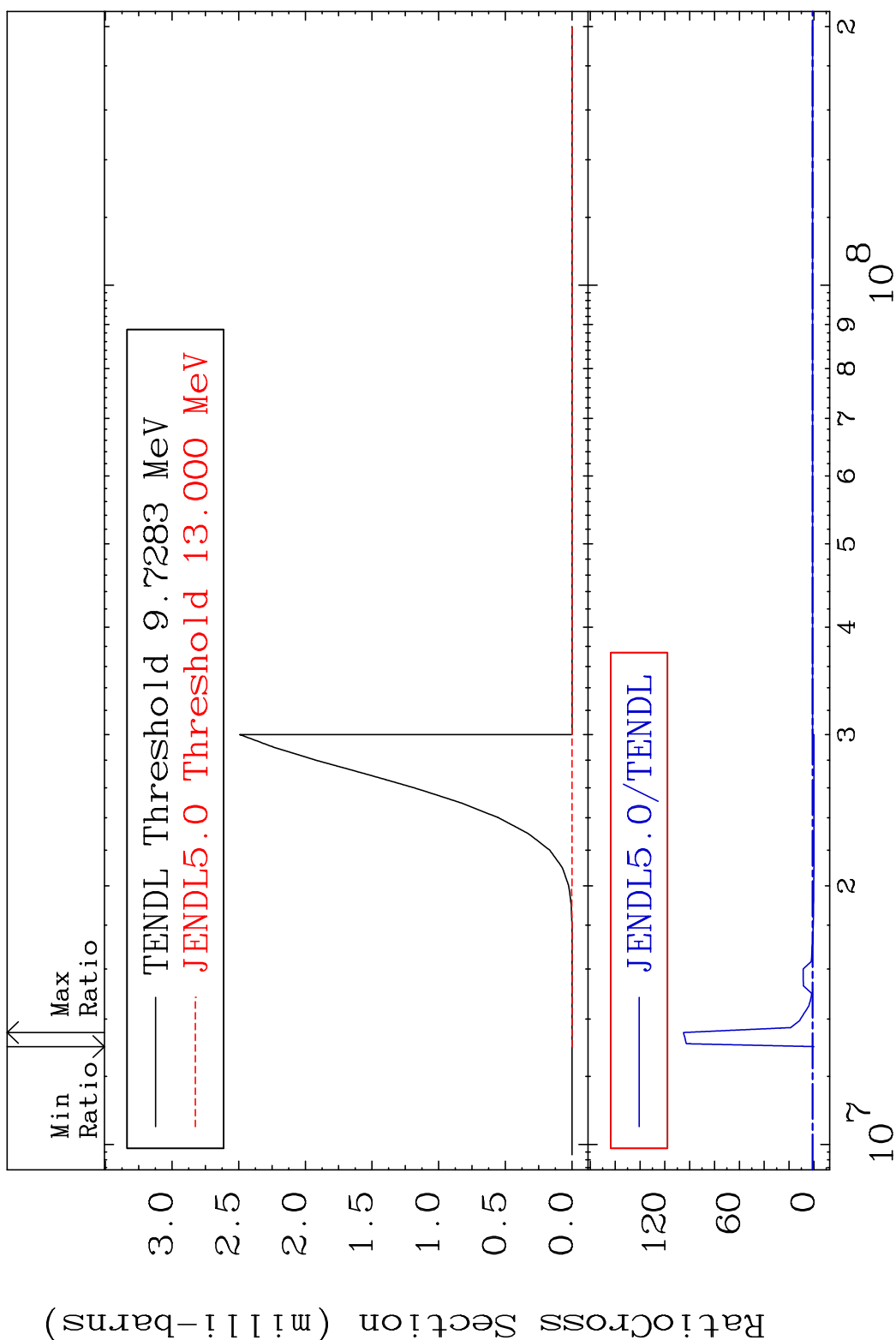


29

Incident Energy (eV)

34-Se-77

MAT 3434 (n, He-3) 34-Se-77
 Cross Section -100.0 To 9999. %



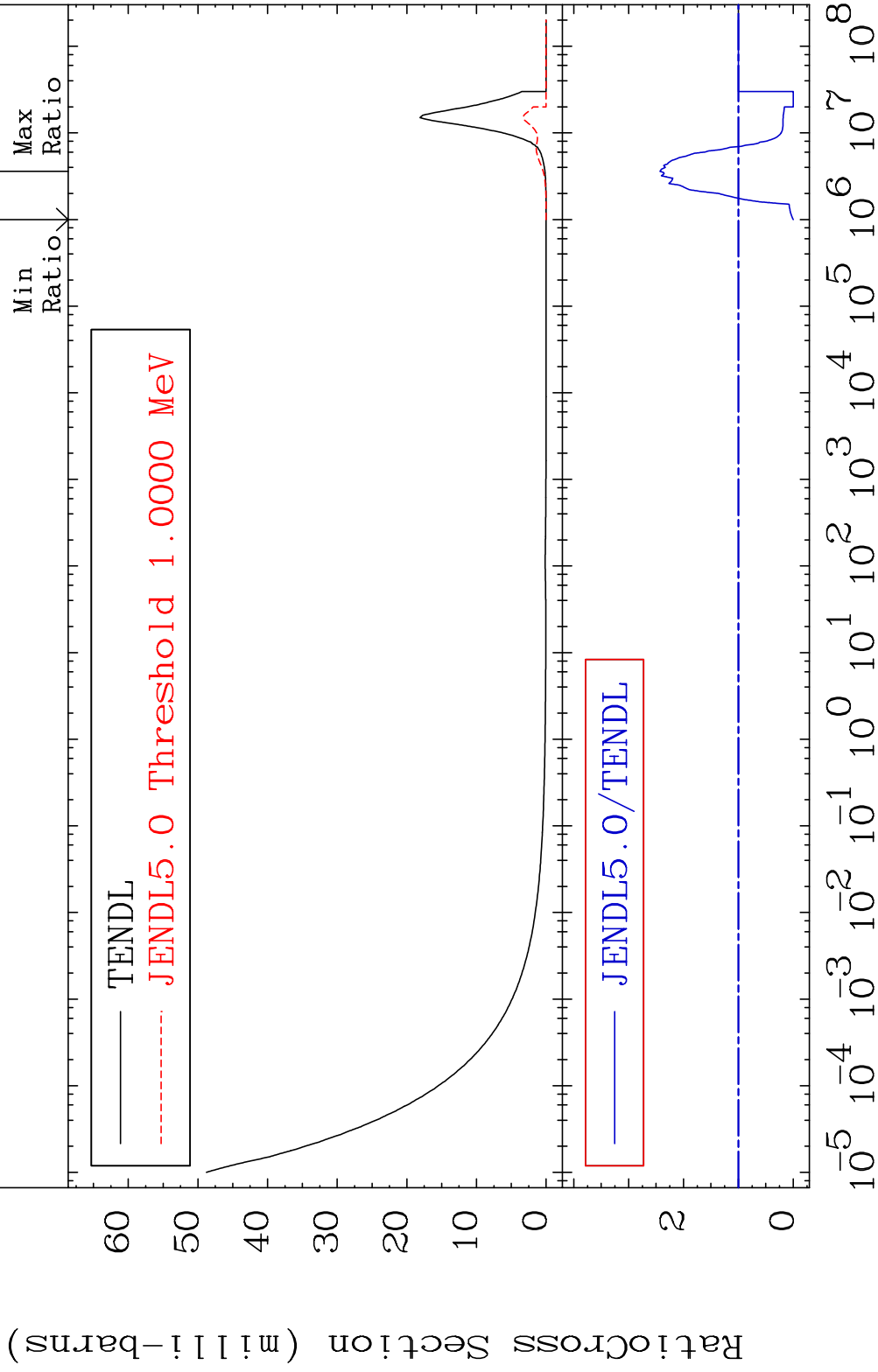
30 Incident Energy (eV) 34-Se-77

MAT 3434

(n, α)

34-Se-77

Cross Section -100.0 To 142.9 %



31

Incident Energy (eV)

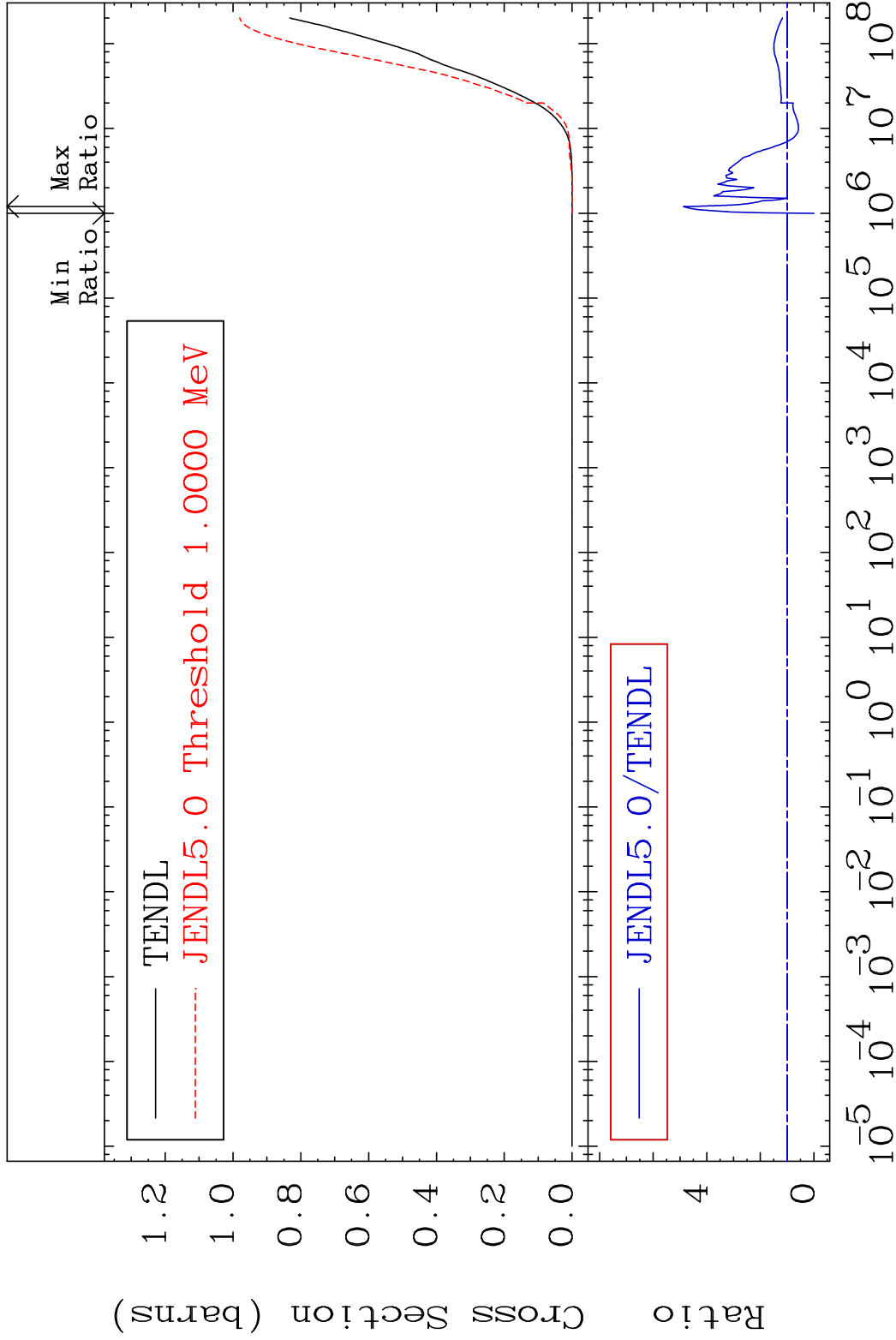
34-Se-77

MAT 3434

Hydrogen Production

34-Se-77

Cross Section -100.0 To 387.0 %

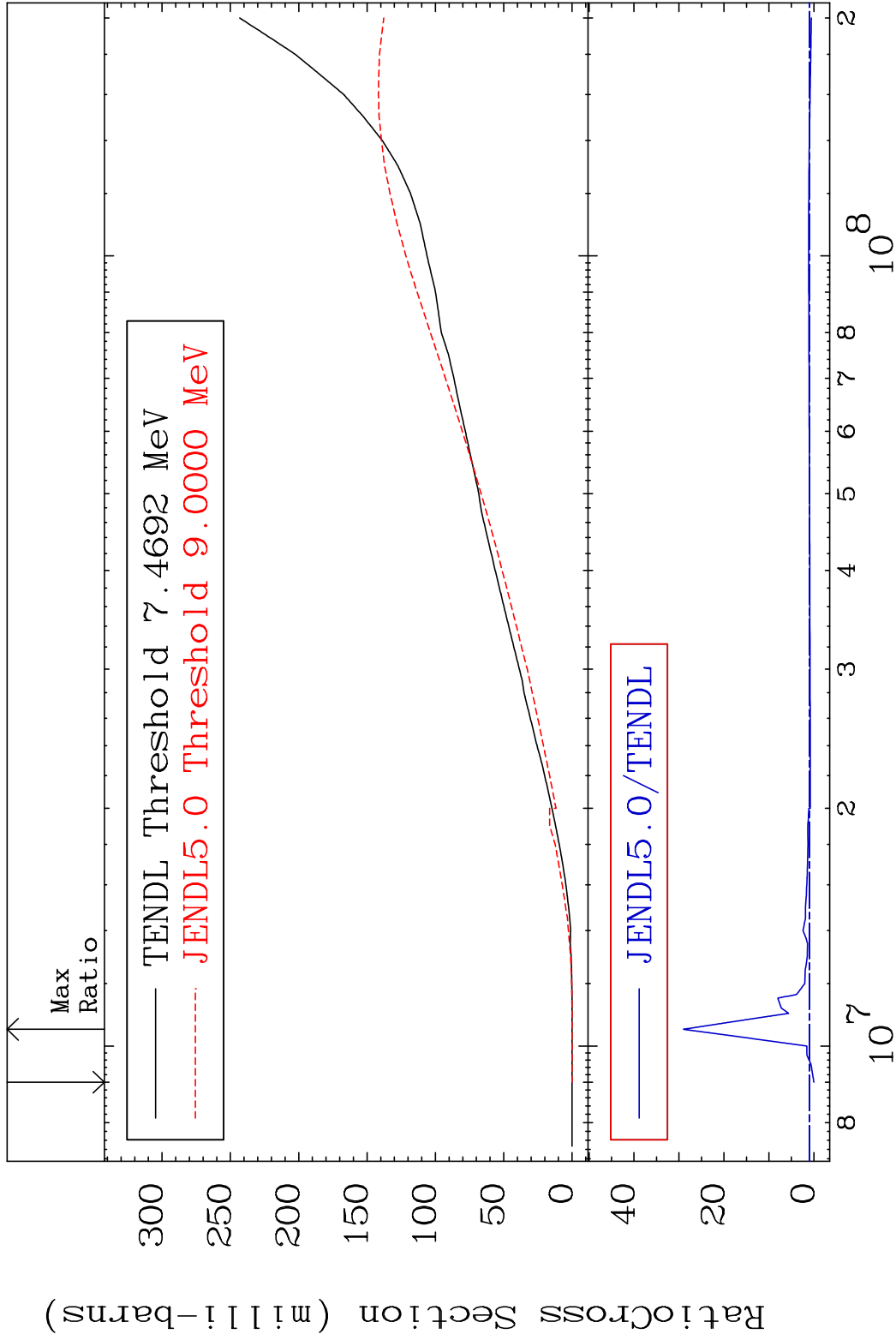


32

Incident Energy (eV)

34-Se-77

MAT 3434 Deuterium Production 34-Se-77
 Cross Section -100.0 To 2800. %



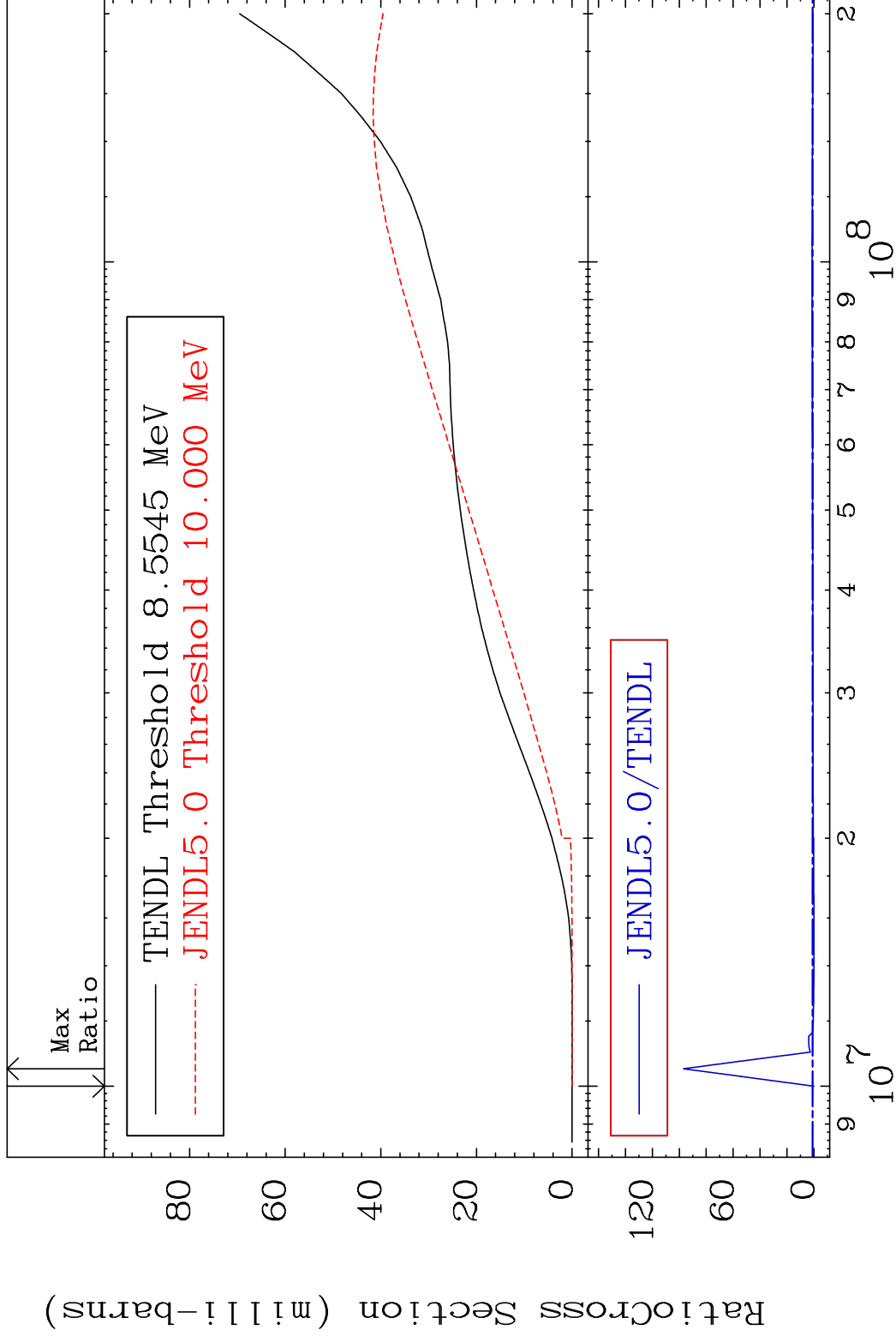
33 34-Se-77

MAT 3434

Tritium Production

³⁴Se-77

Cross Section -100.0 To 9591. %



34

Incident Energy (eV)

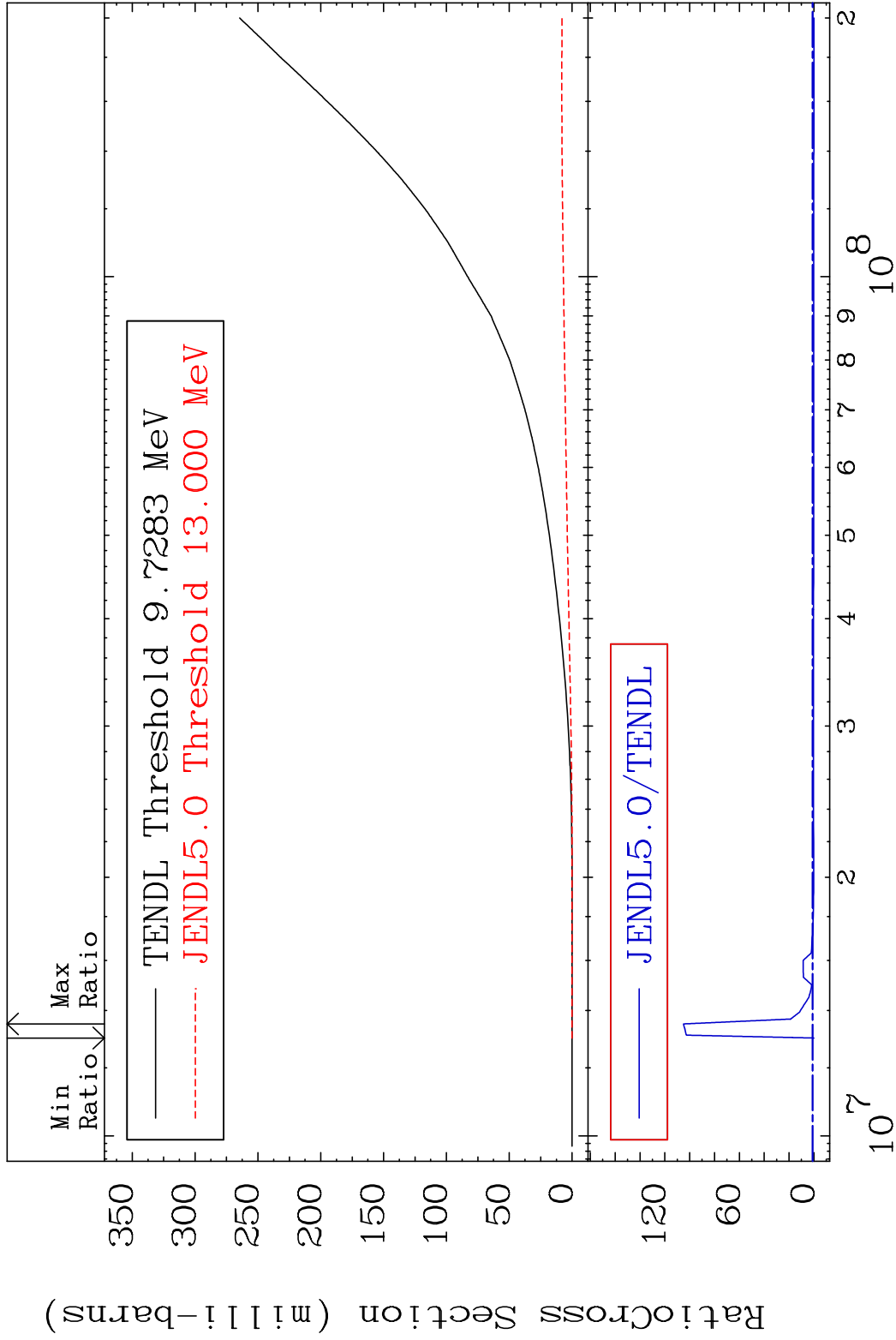
³⁴Se-77

MAT 3434

He-3 Production

34-Se-77

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

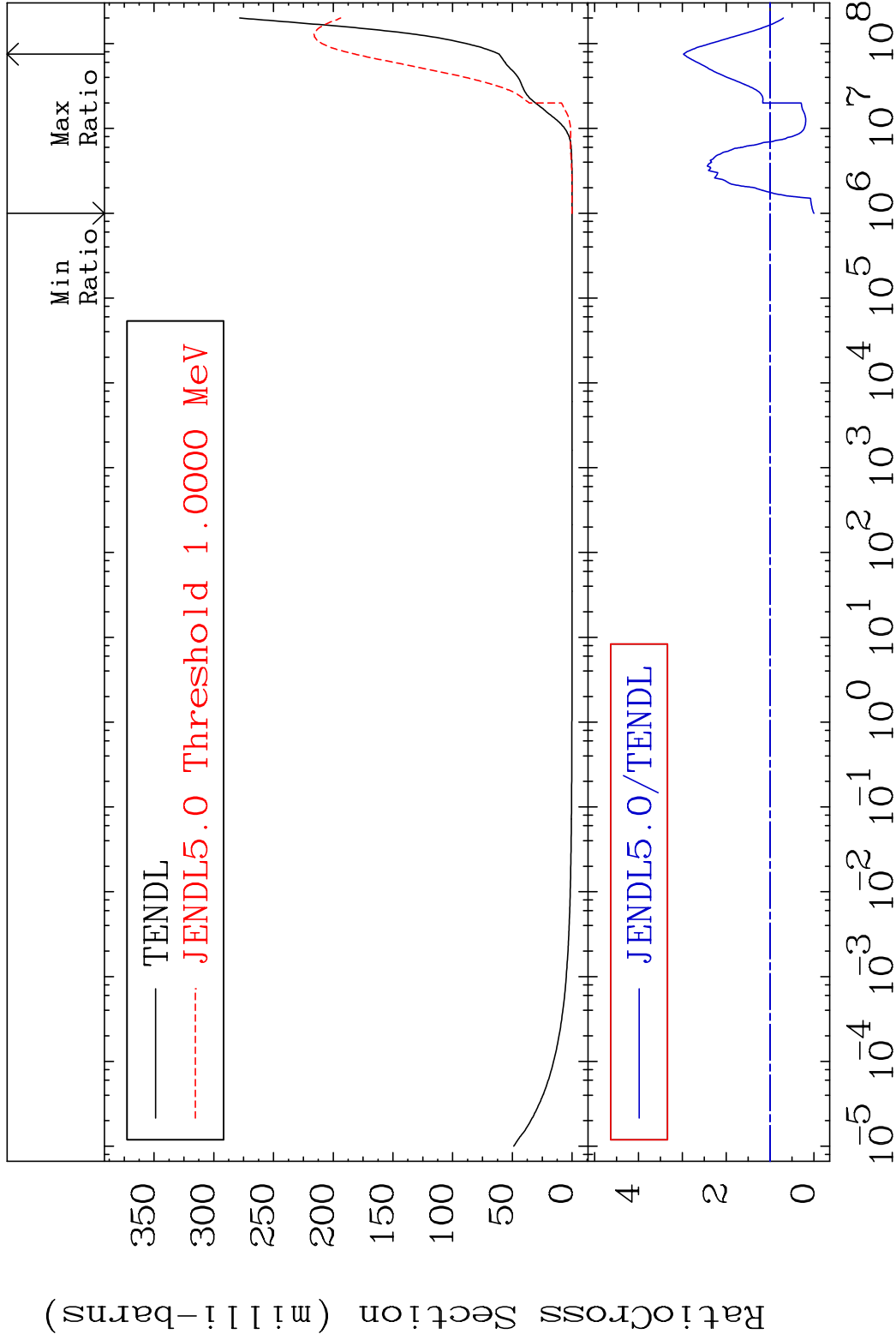
34-Se-77

MAT 3434

He-4 Production

34-Se-77

Cross Section -100.0 To 197.4 %

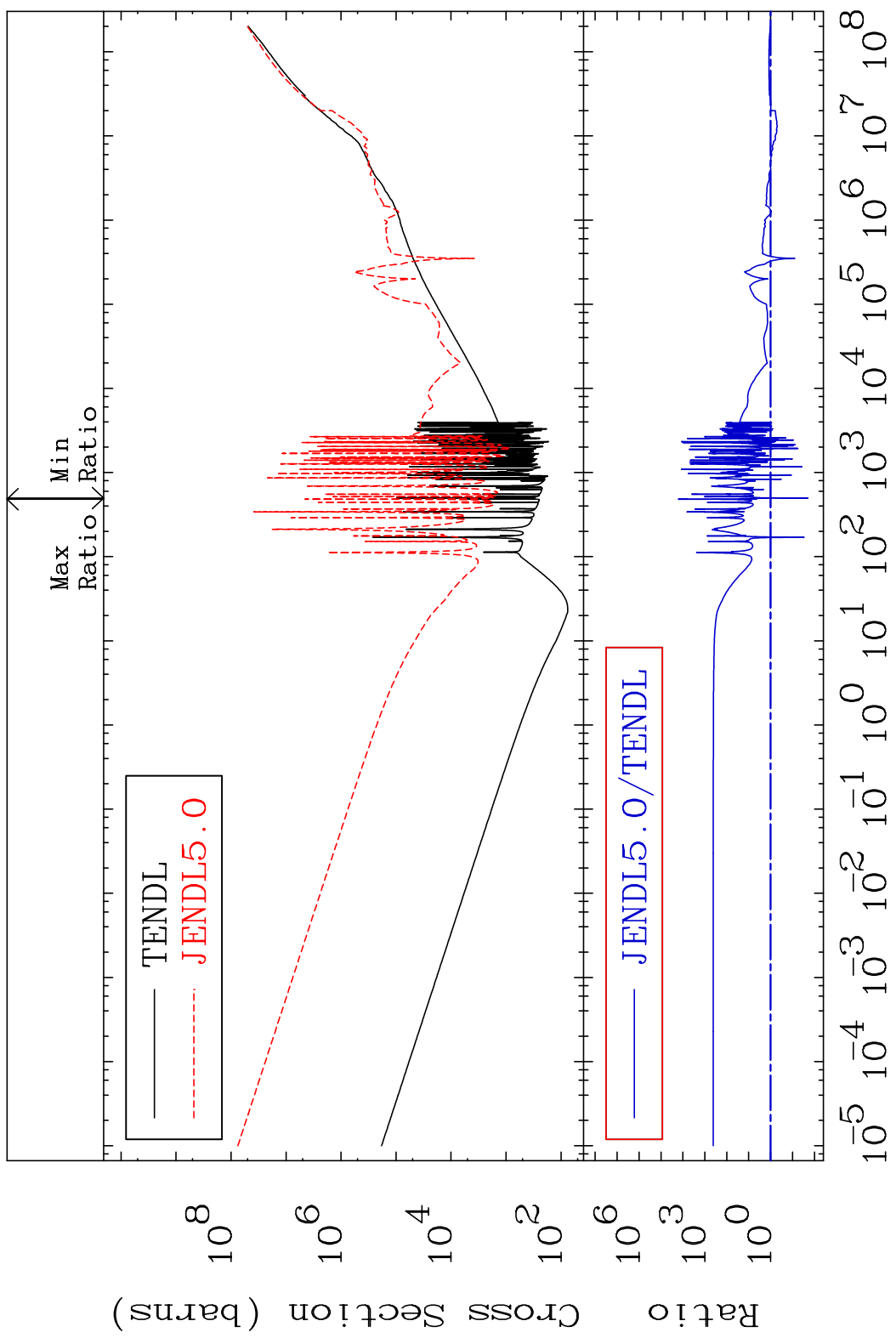


36

Incident Energy (eV)

34-Se-77

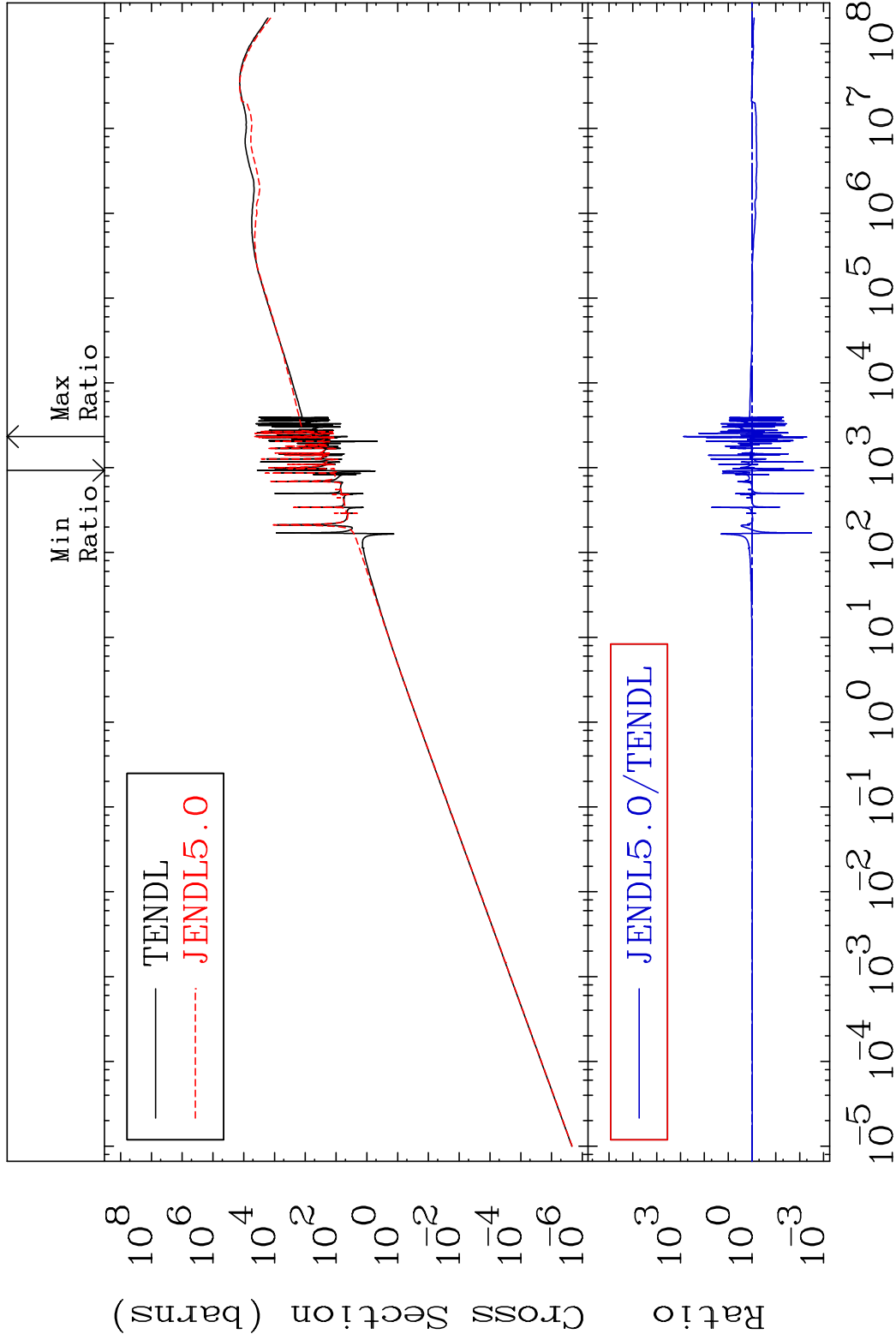
MAT 3434 Kerma total (eV-barns) 34-Se-77
 Cross Section -97.97 To 9999. %



37 Incident Energy (eV) 34-Se-77

MAT 3434

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

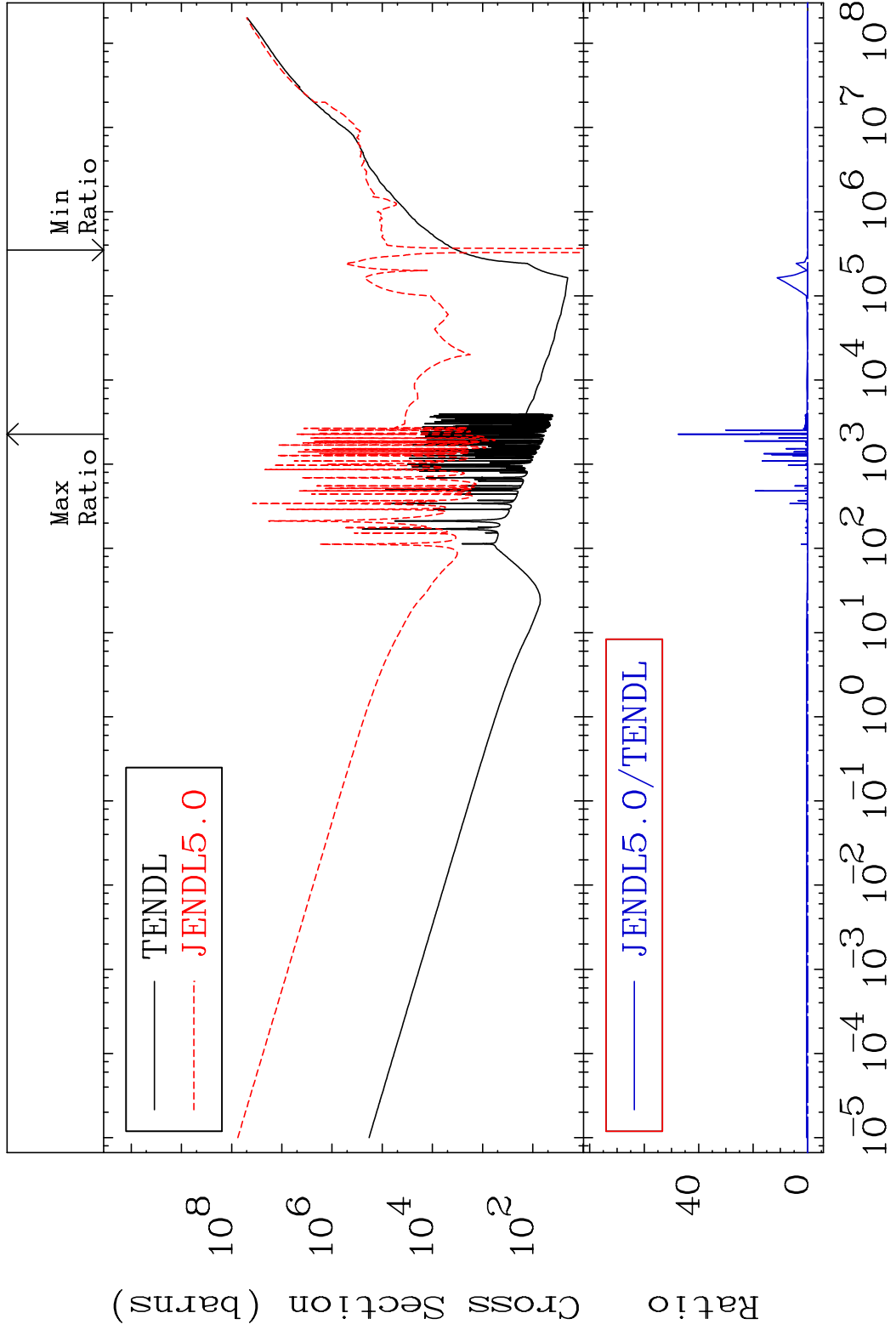


38

Incident Energy (eV)

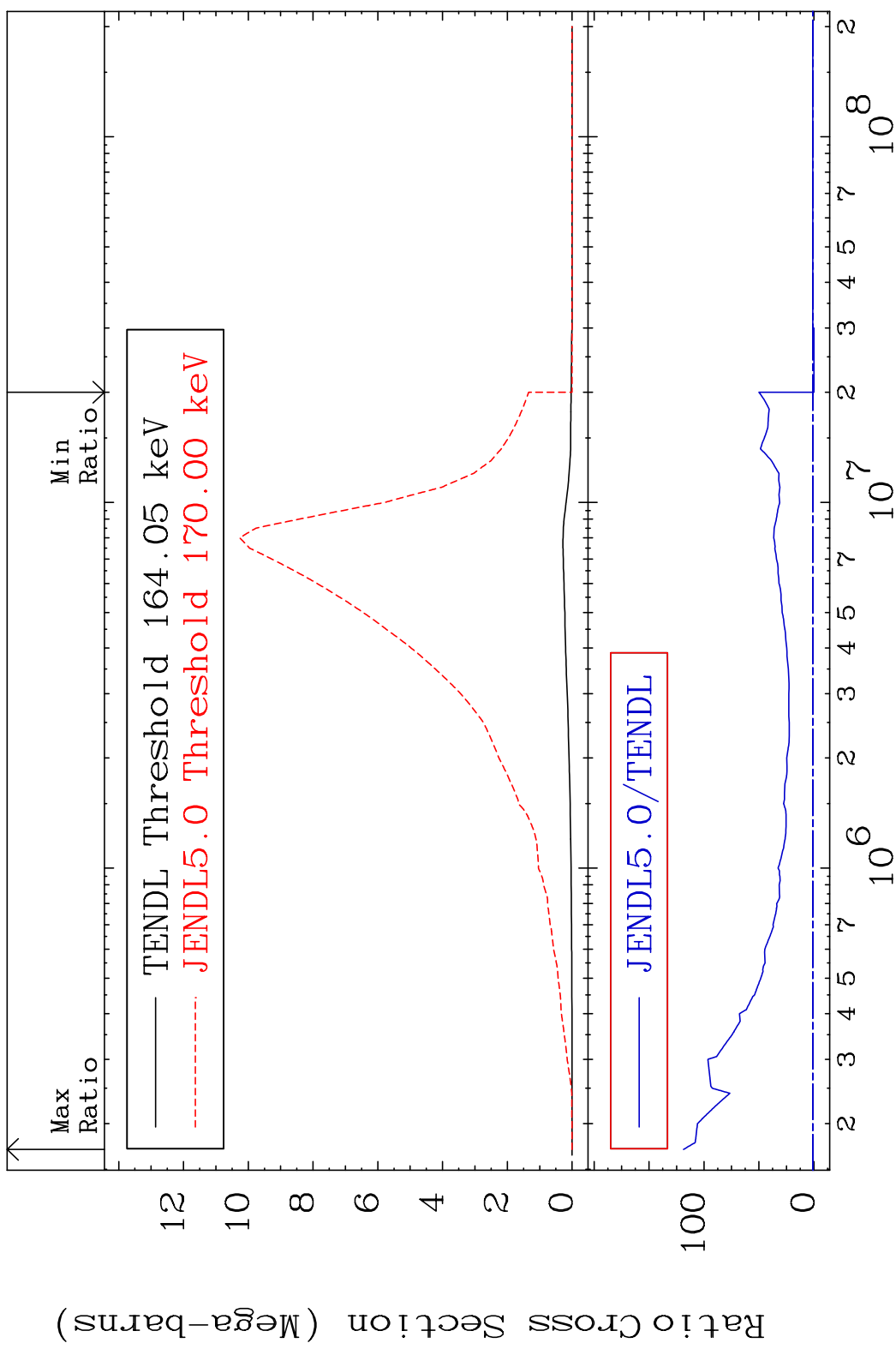
34-Se-77

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



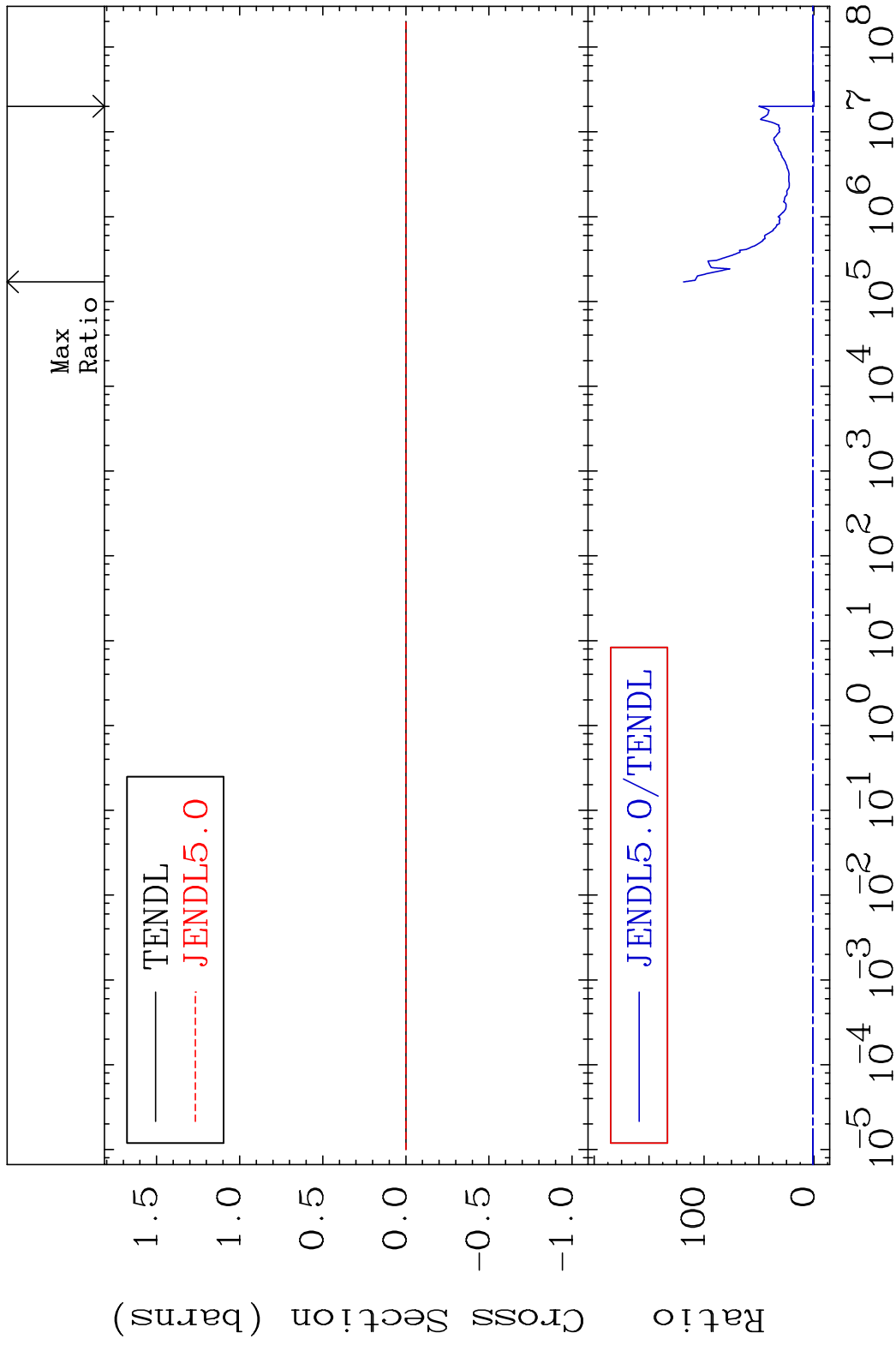
39 Incident Energy (eV) 34-Se-77

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

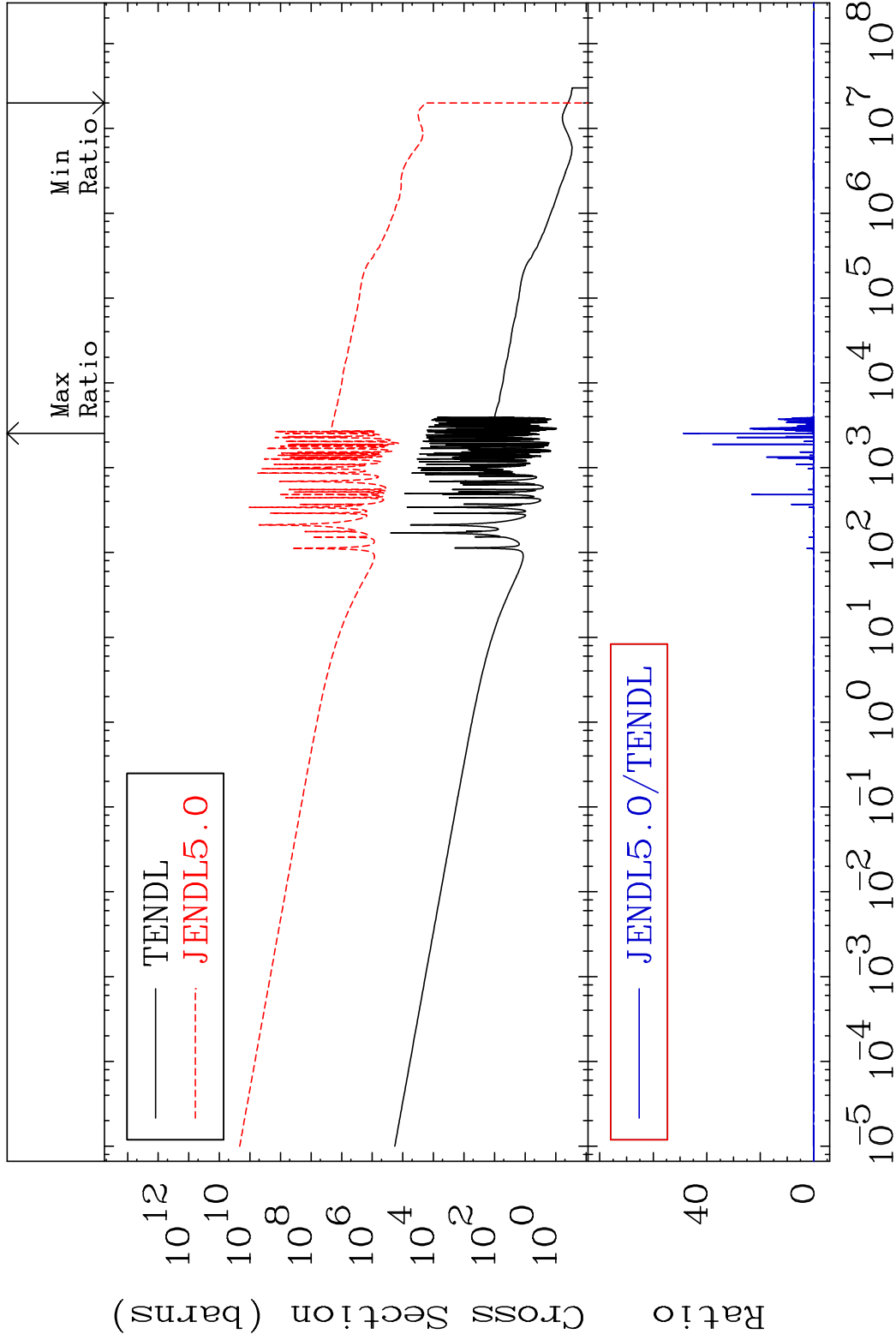


40 Incident Energy (eV) 34-Se-77

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

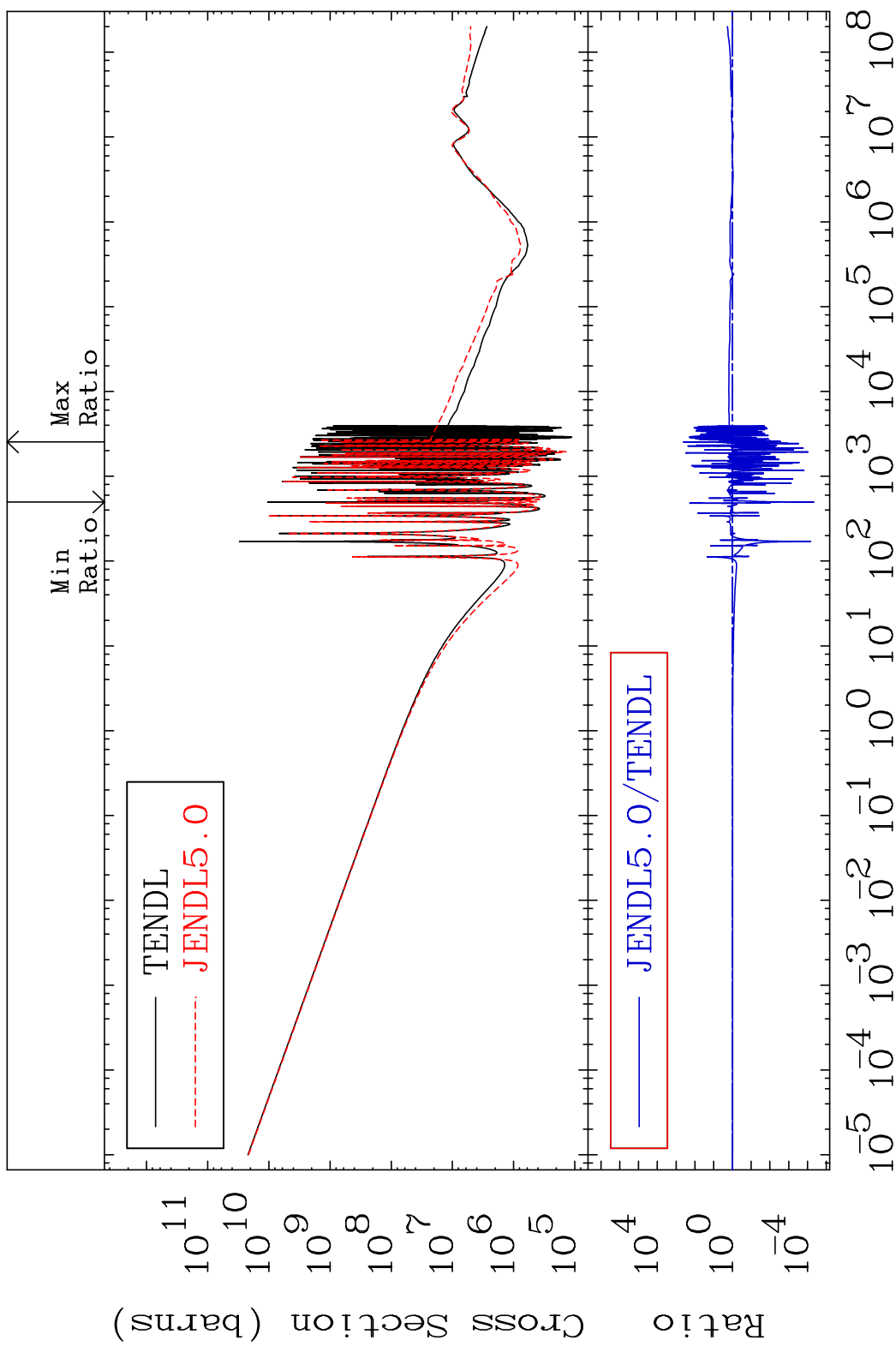


MAT 3434 Kerma capture (mt102) 34-Se-77
 Cross Section -100.0 To 9999. %



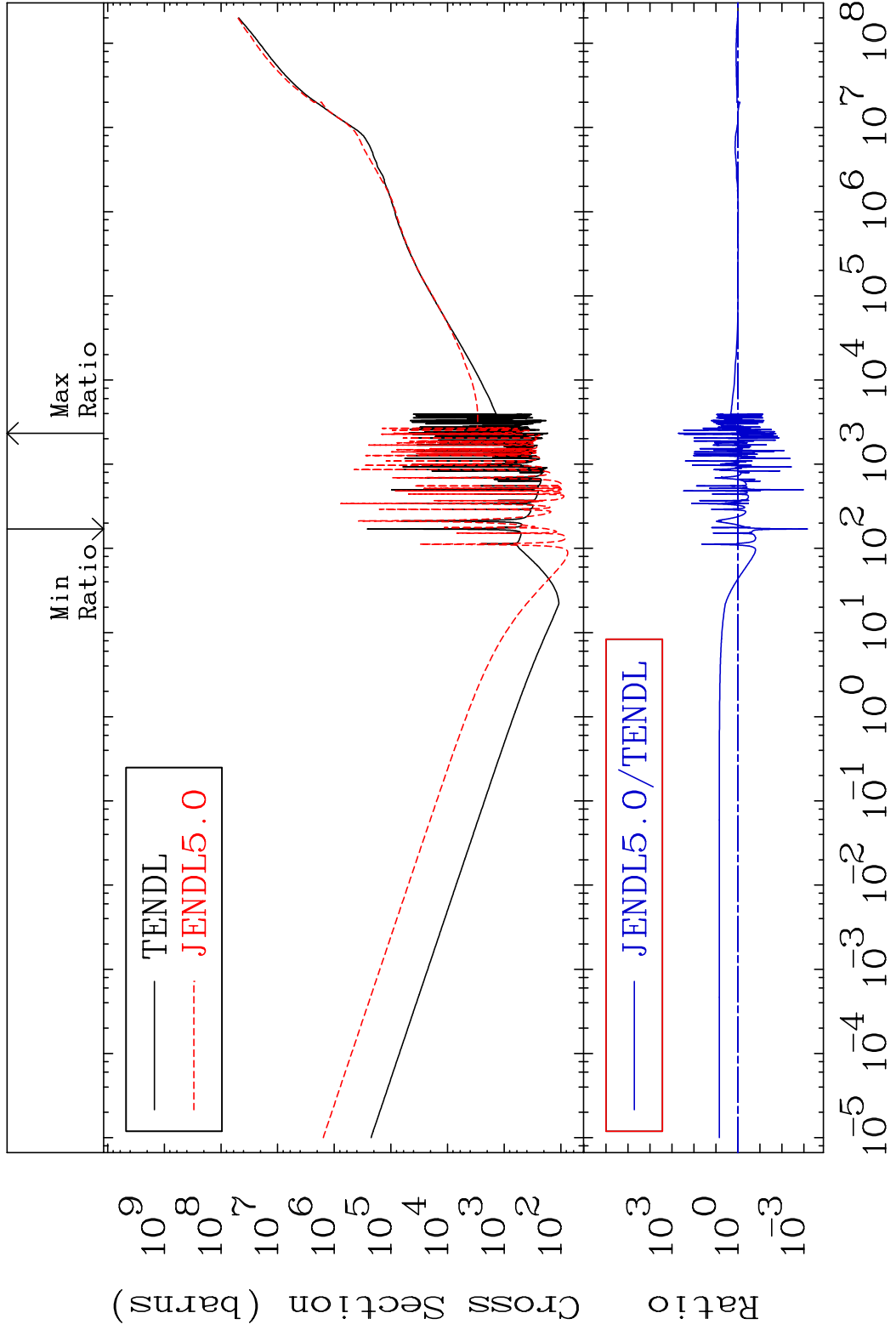
42 Incident Energy (eV) 34-Se-77

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

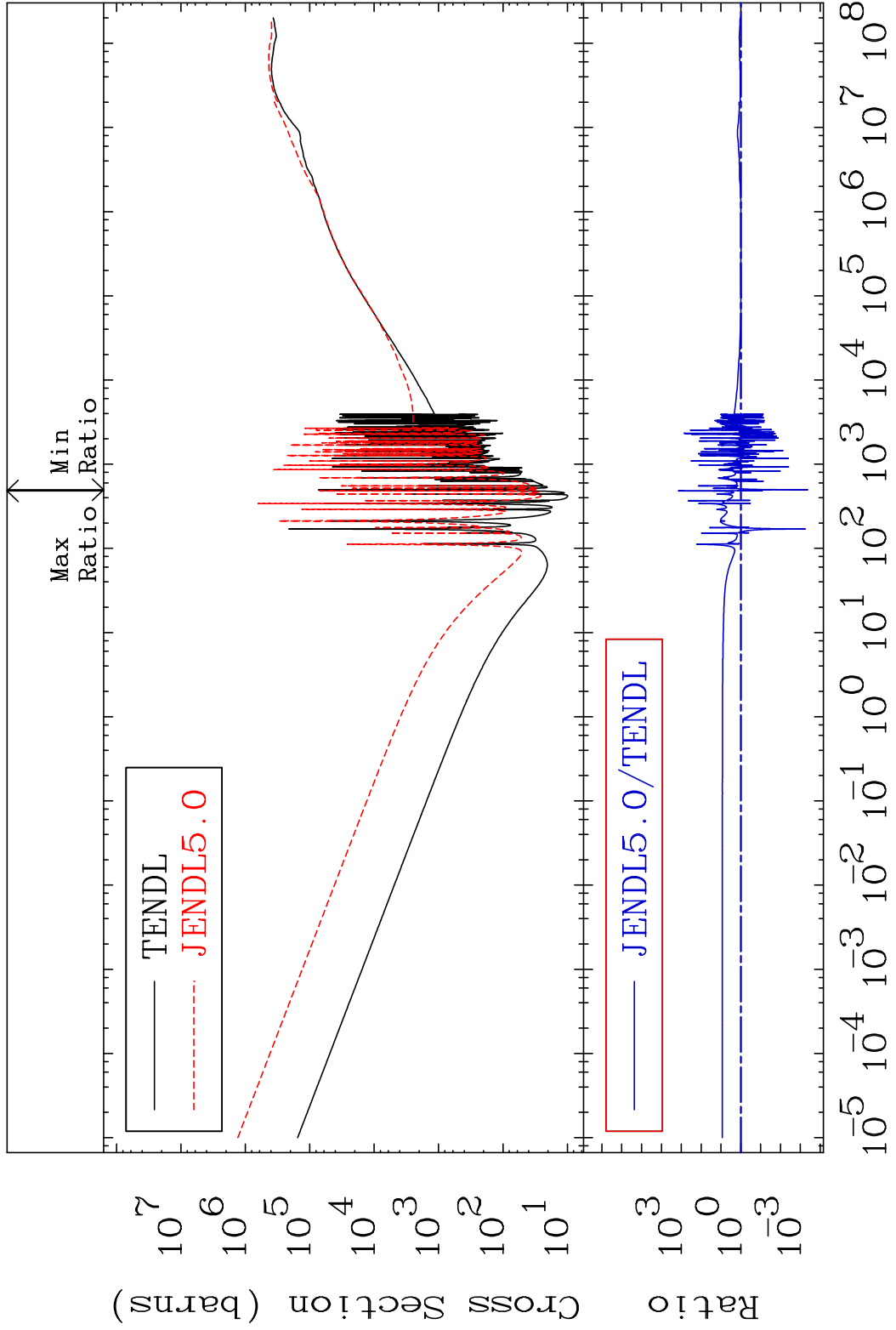


43 Incident Energy (eV) 34-Se-77

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. %



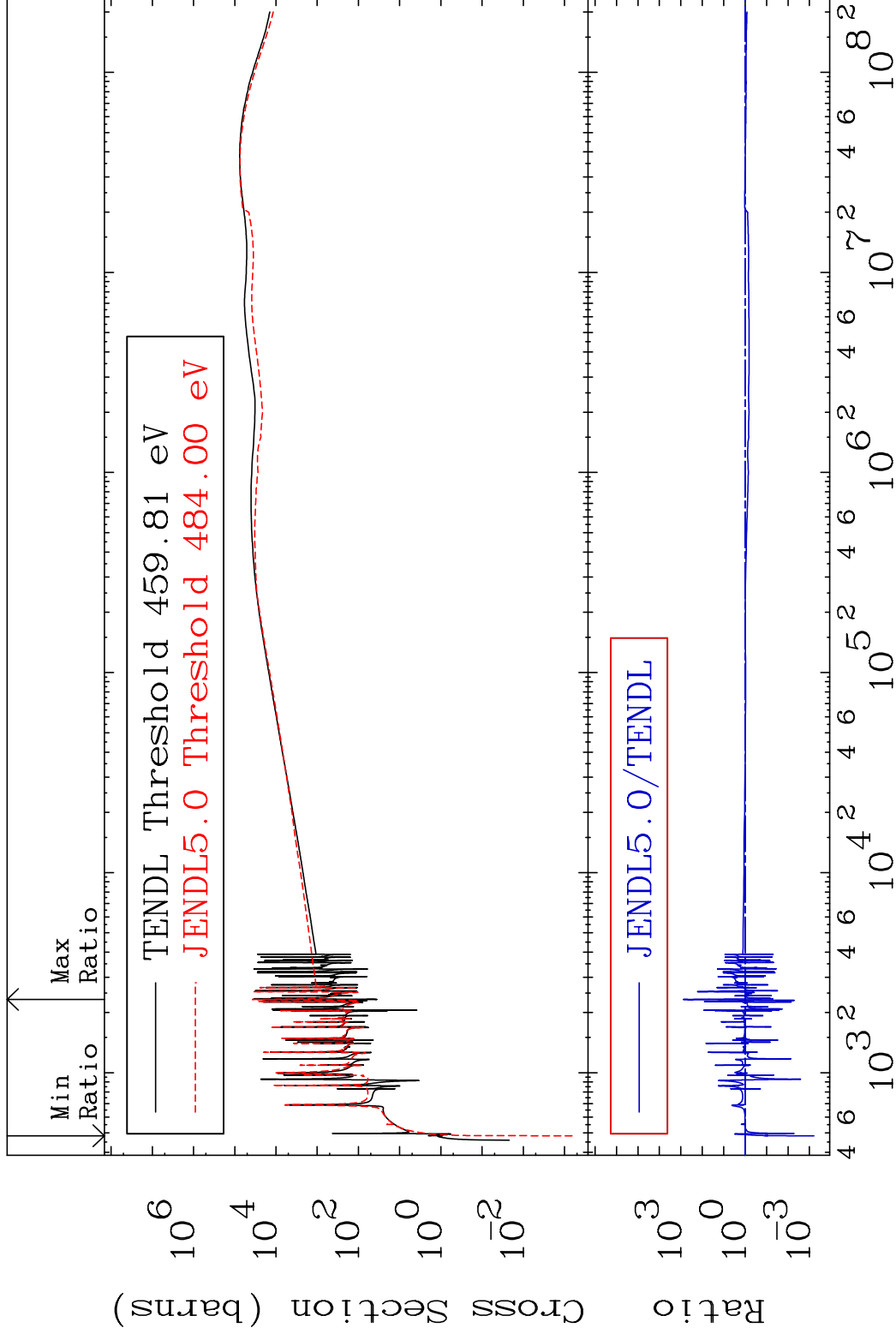
45 Incident Energy (eV) 34-Se-77

MAT 3434

Dpa elastic (mt2)

34-Se-77

Cross Section -99.94 To 9999. %

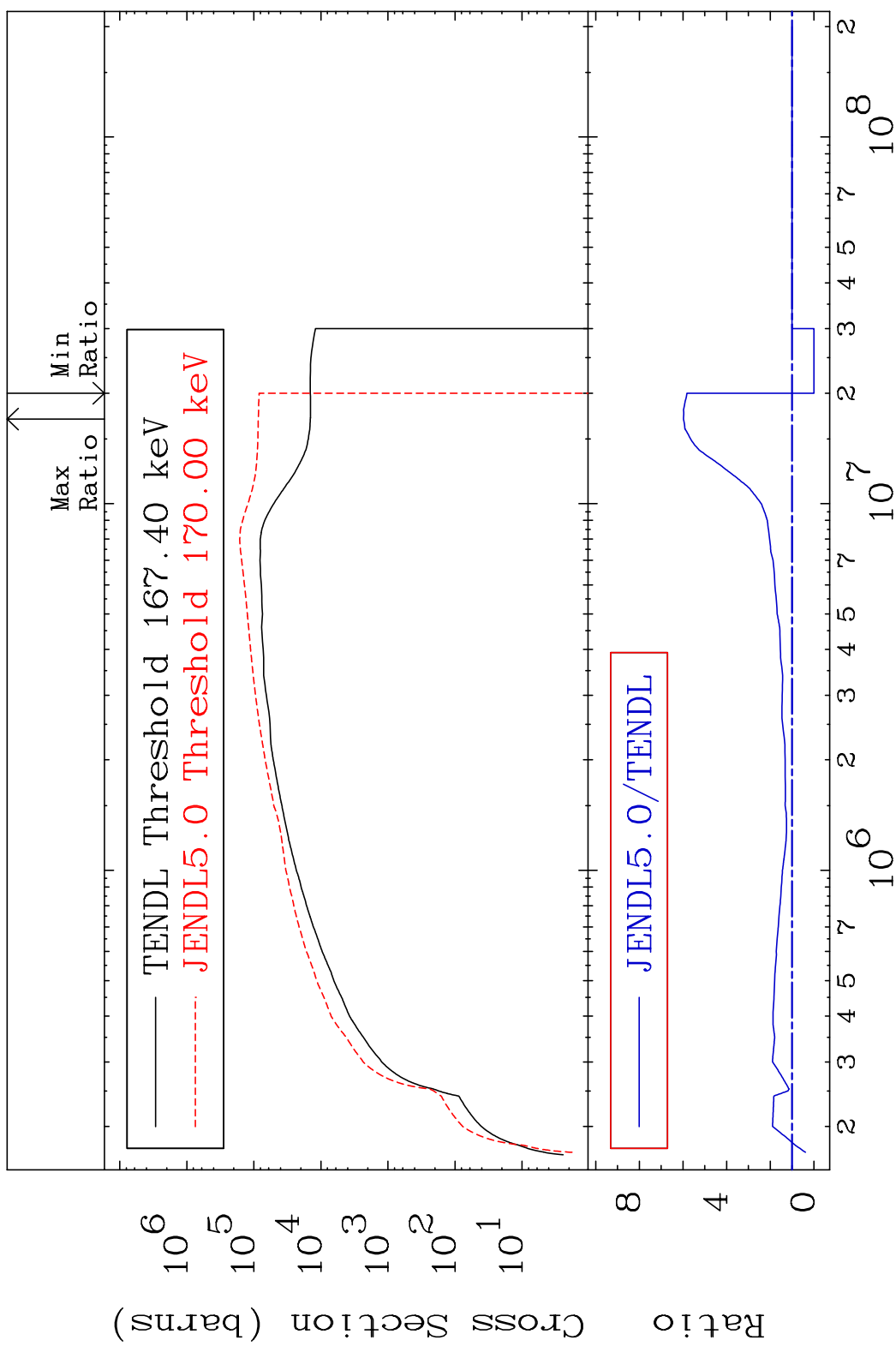


46

Incident Energy (eV)

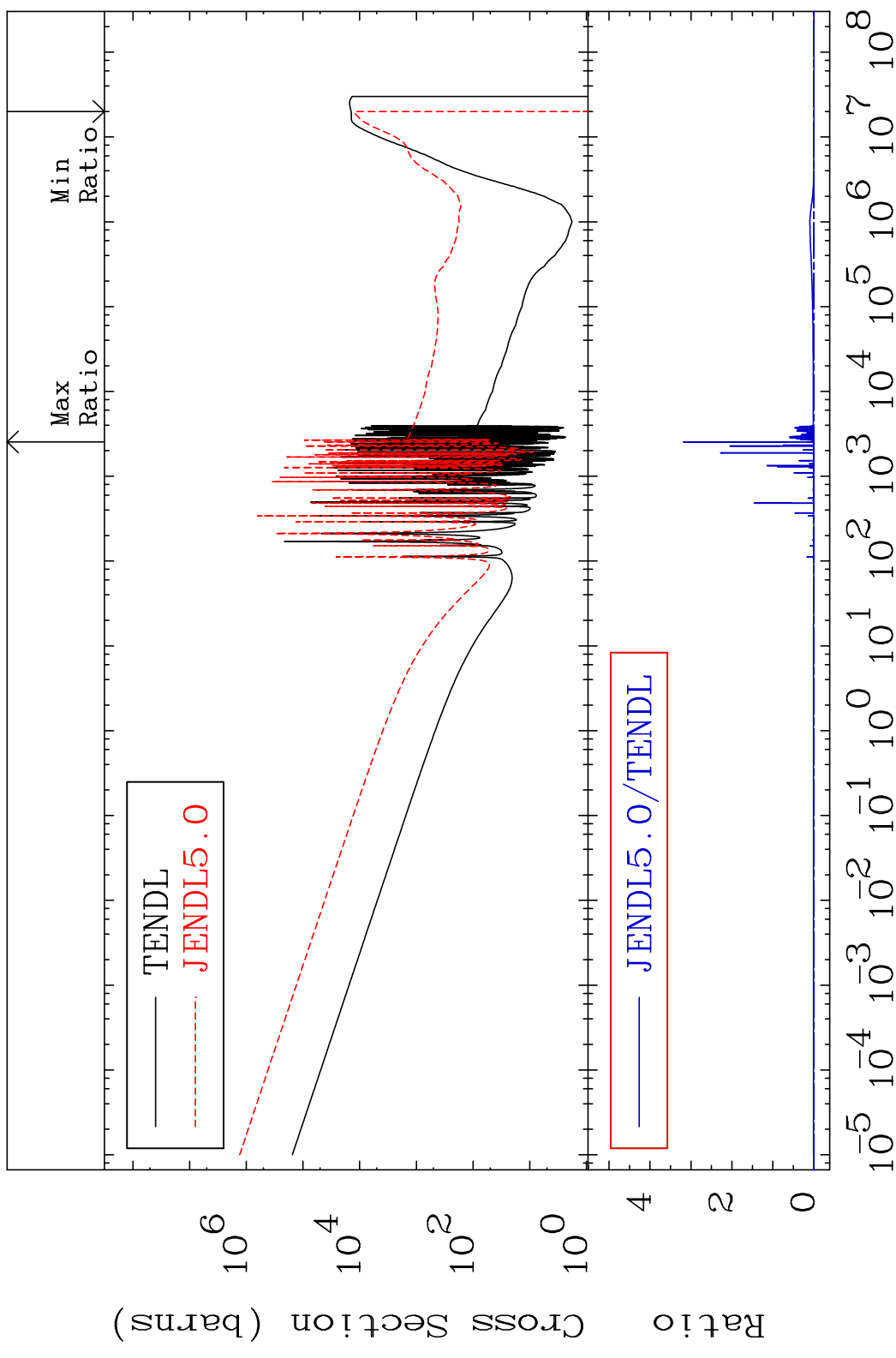
34-Se-77

MAT 3434 Dpa inelastic (mt51-91) ³⁴Se-77
 Cross Section -100.0 To 497.9 %



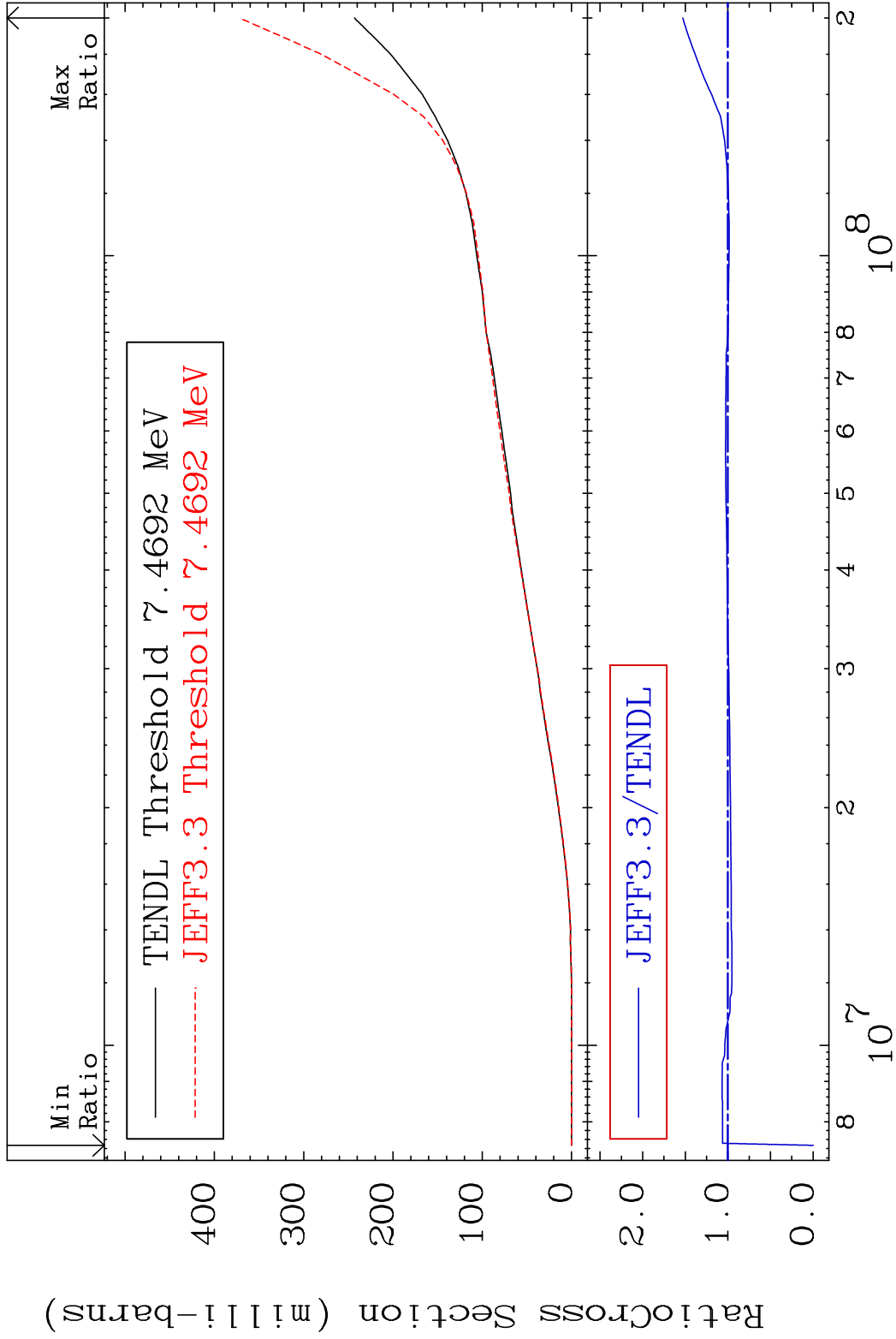
47 Incident Energy (eV) ³⁴Se-77

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



48 Incident Energy (eV) 34-Se-77

MAT 3434 Deuterium Production ³⁴Se-77
 Cross Section -100.0 To 52.92 %



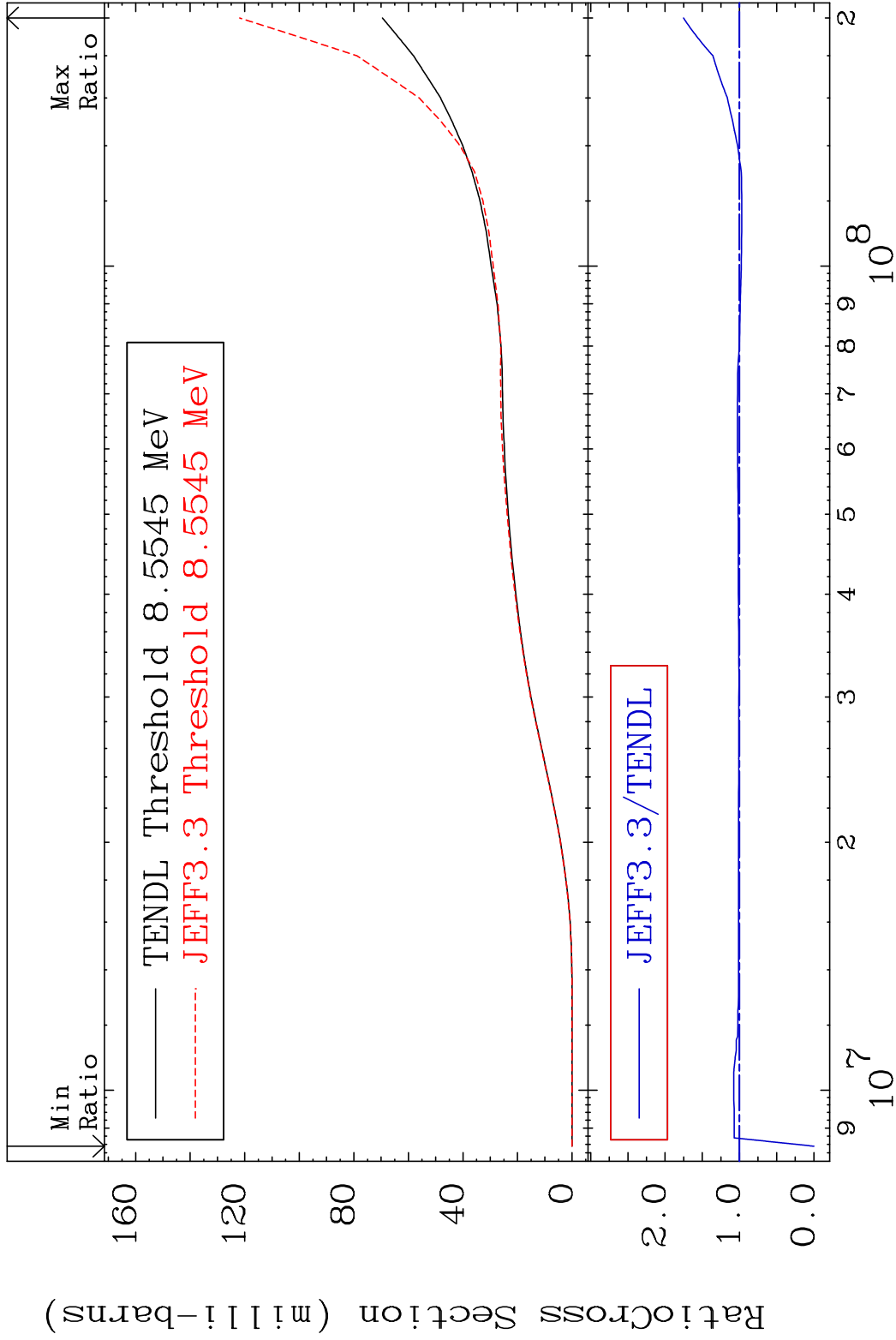
49 34-^{Se}-77

MAT 3434

Tritium Production

³⁴Se-77

Cross Section -100.0 To 75.29 %



50

Incident Energy (eV)

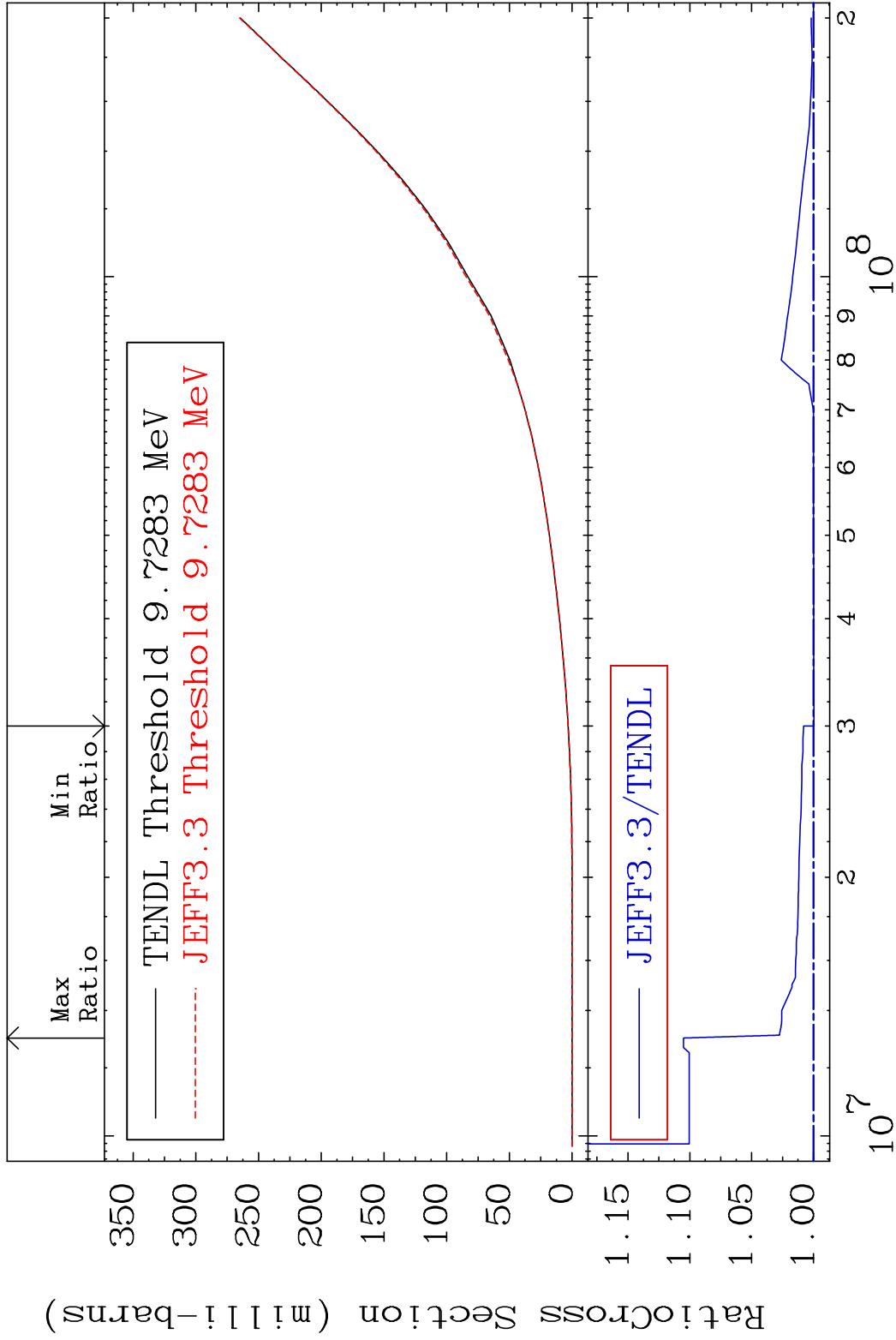
³⁴Se-77

MAT 3434

He-3 Production

34-Se-77

Cross Section -0.033 To 10.51 %



51

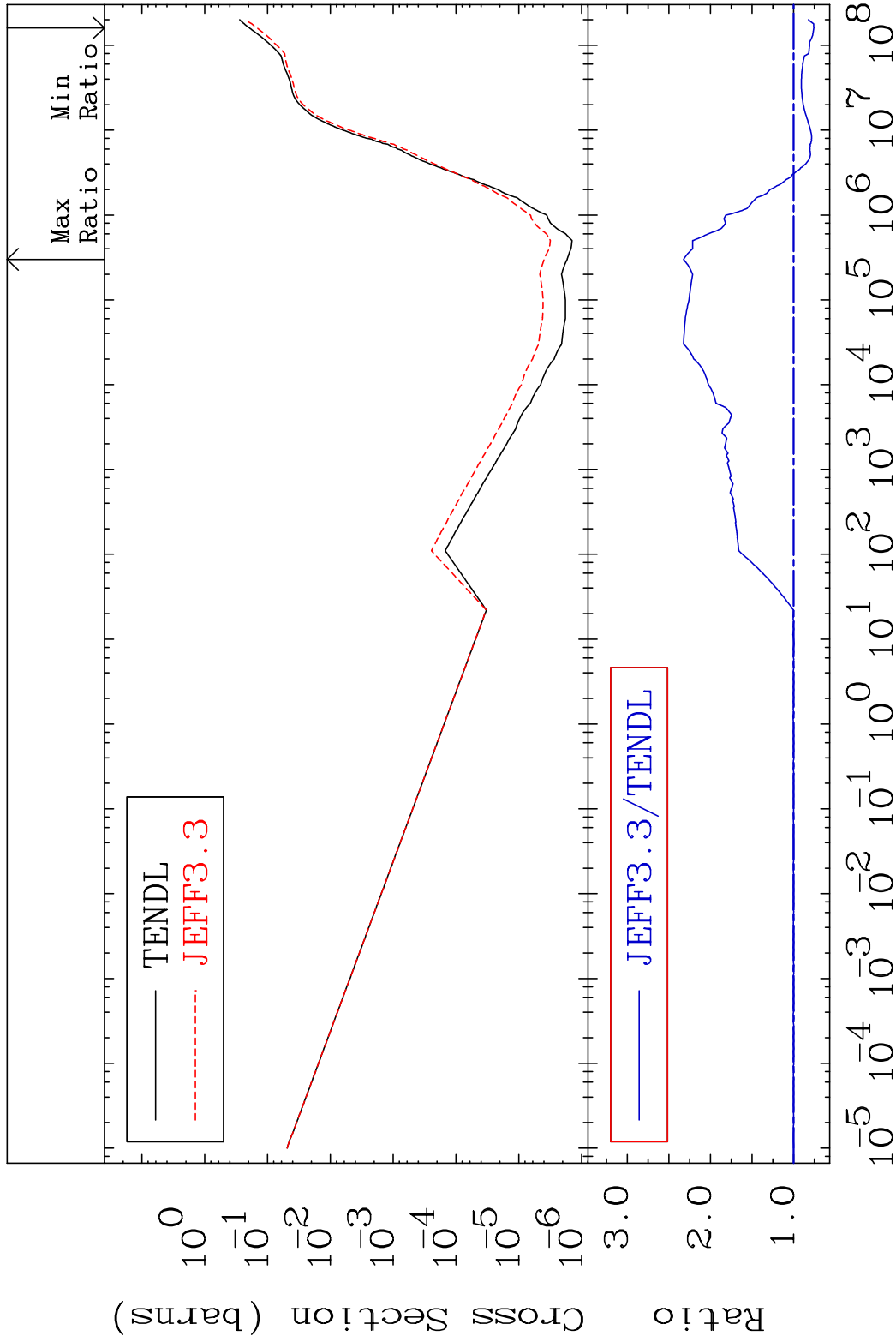
Incident Energy (eV)

34-Se-77

MAT 3434

He-4 Production
Cross Section

34-Se-77
-24.52 To 132.4 %

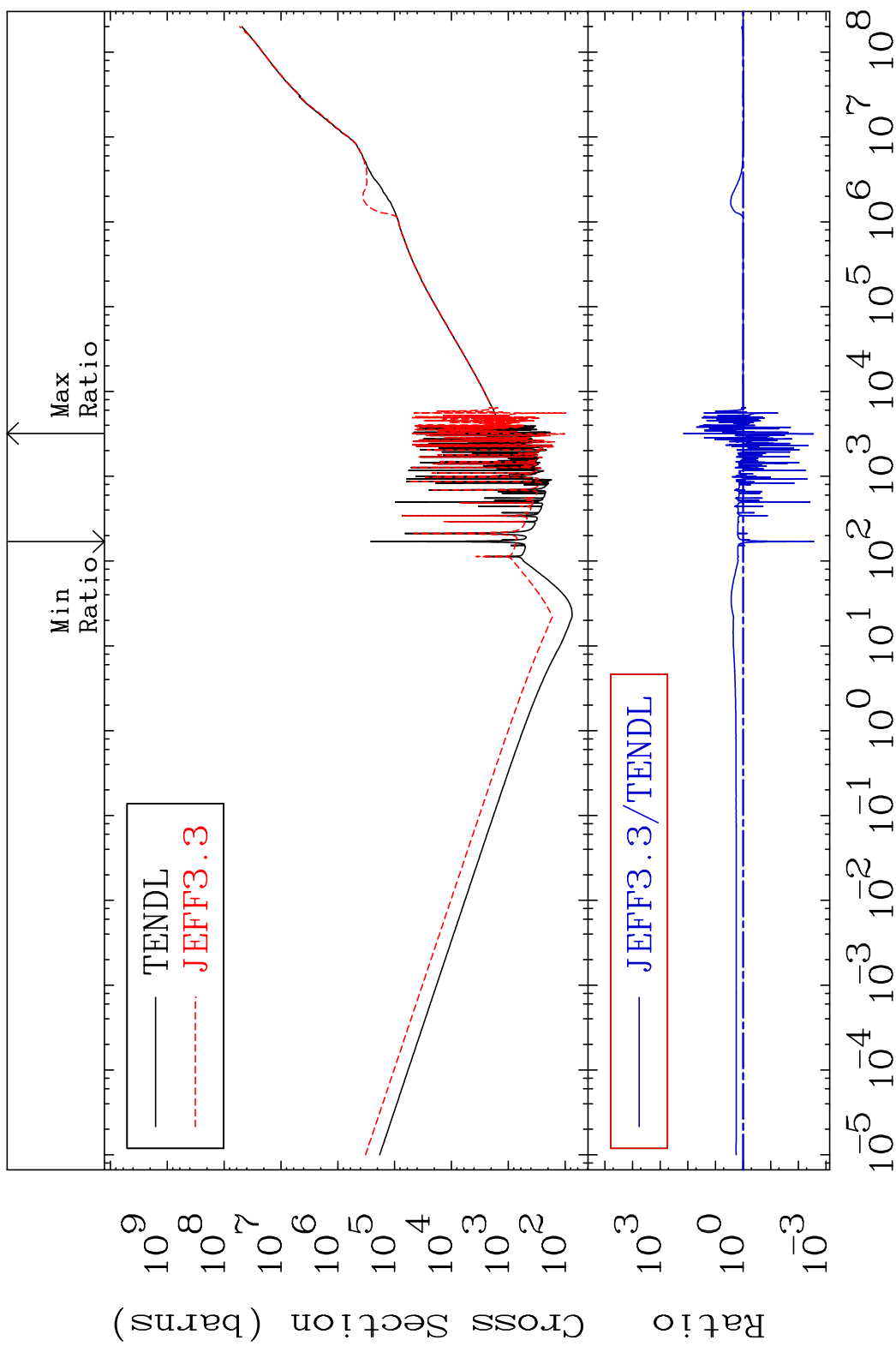


52

Incident Energy (eV)

34-Se-77

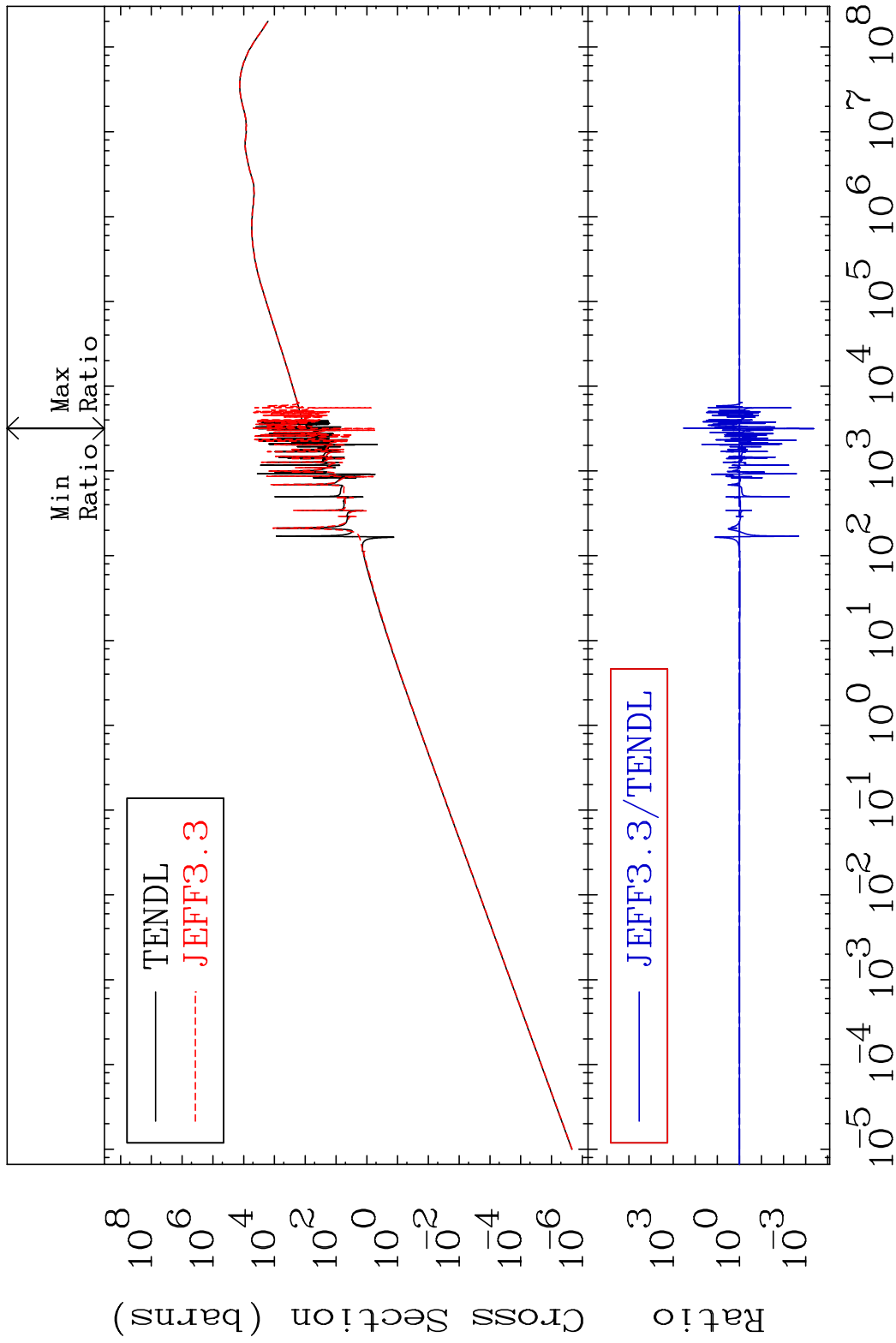
MAT 3434 Kerma total (eV-barns) 34-Se-77
 Cross Section -99.73 To 9999. %



53 Incident Energy (eV) 34-Se-77

MAT 3434

Kerma elastic Cross Section -99.96 To 9999. %
34-Se-77

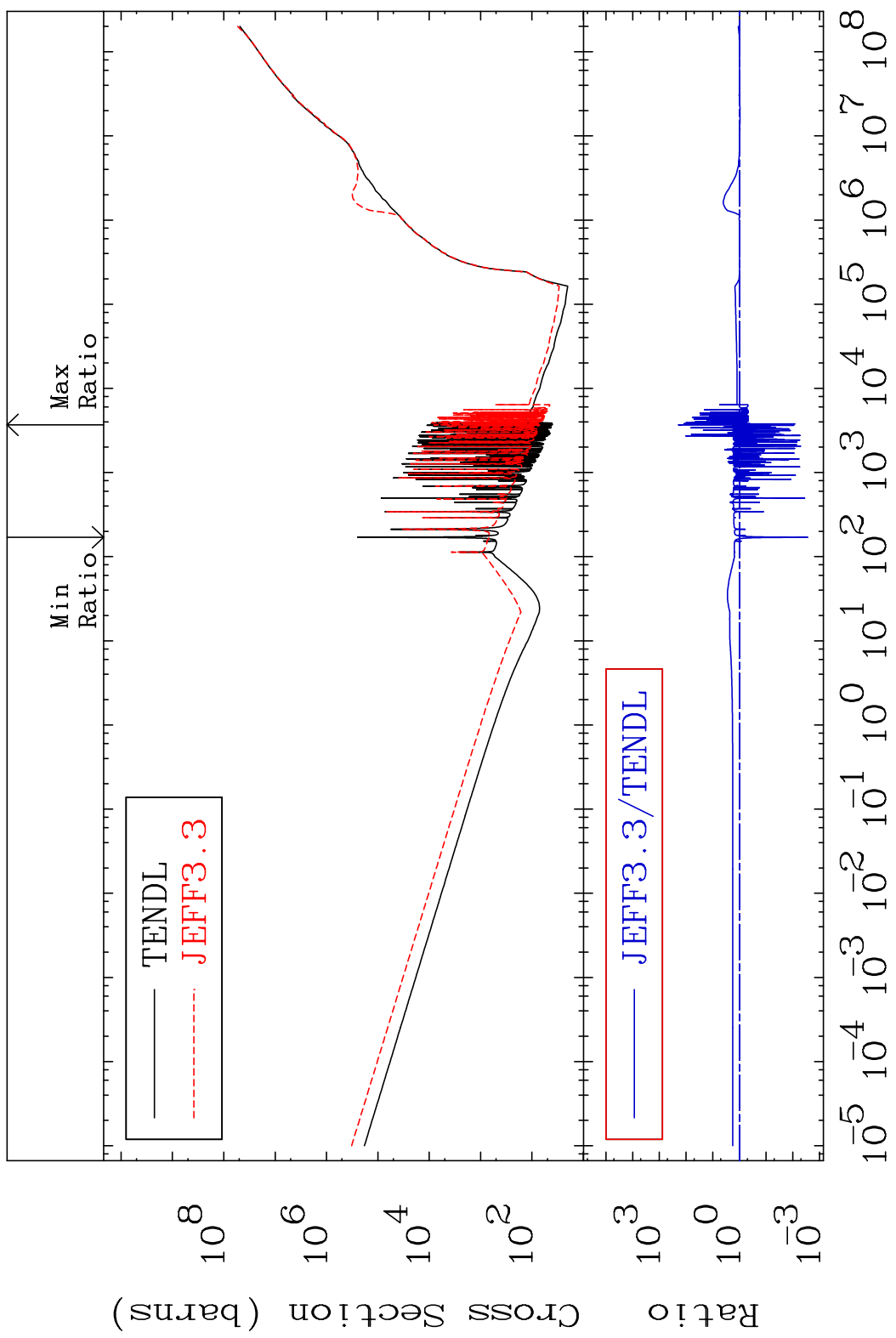


54

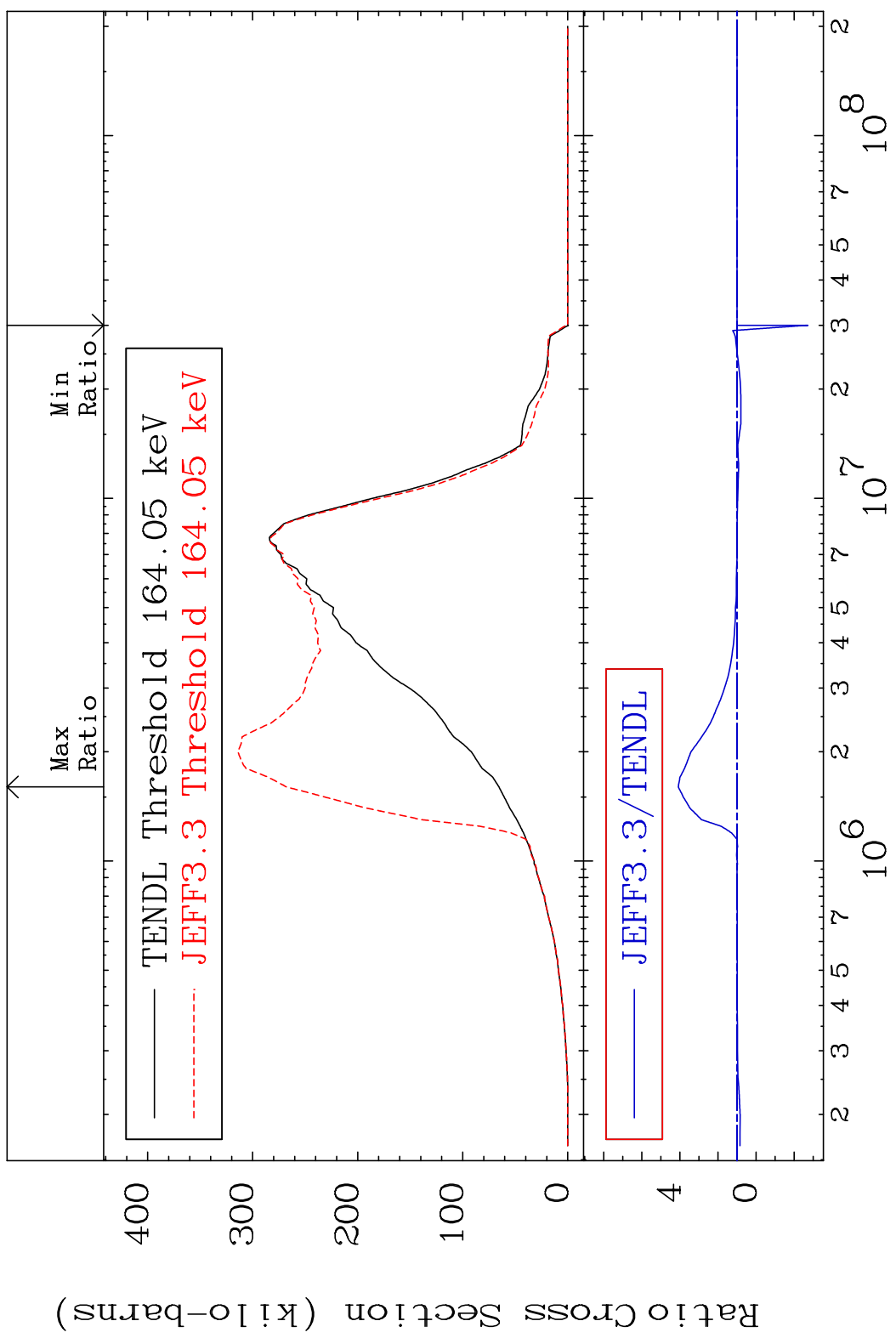
Incident Energy (eV)

34-Se-77

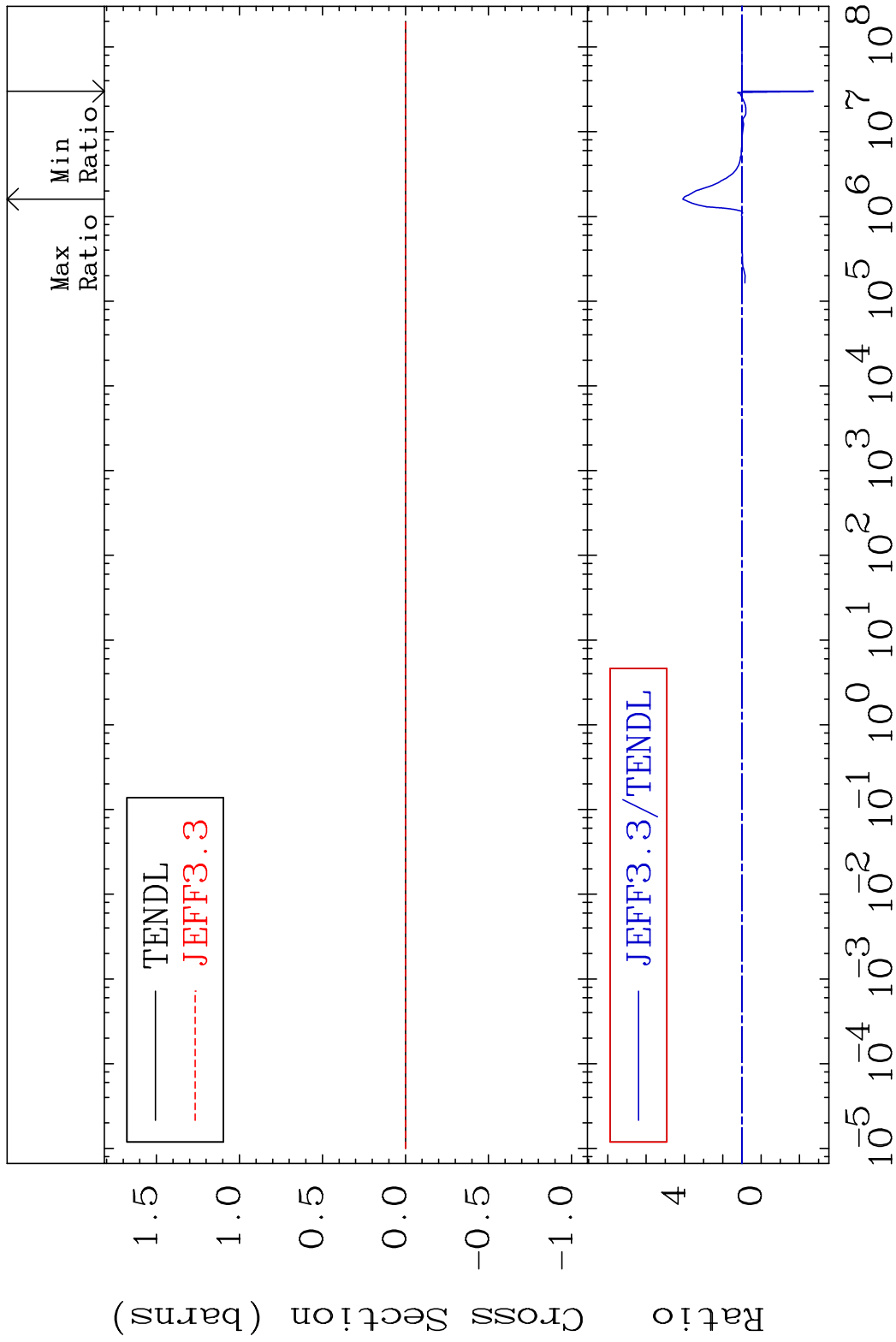
MAT 3434 Kerma non-elastic (all but mt2) 34-Se-77
 Cross Section -99.72 To 9999. %



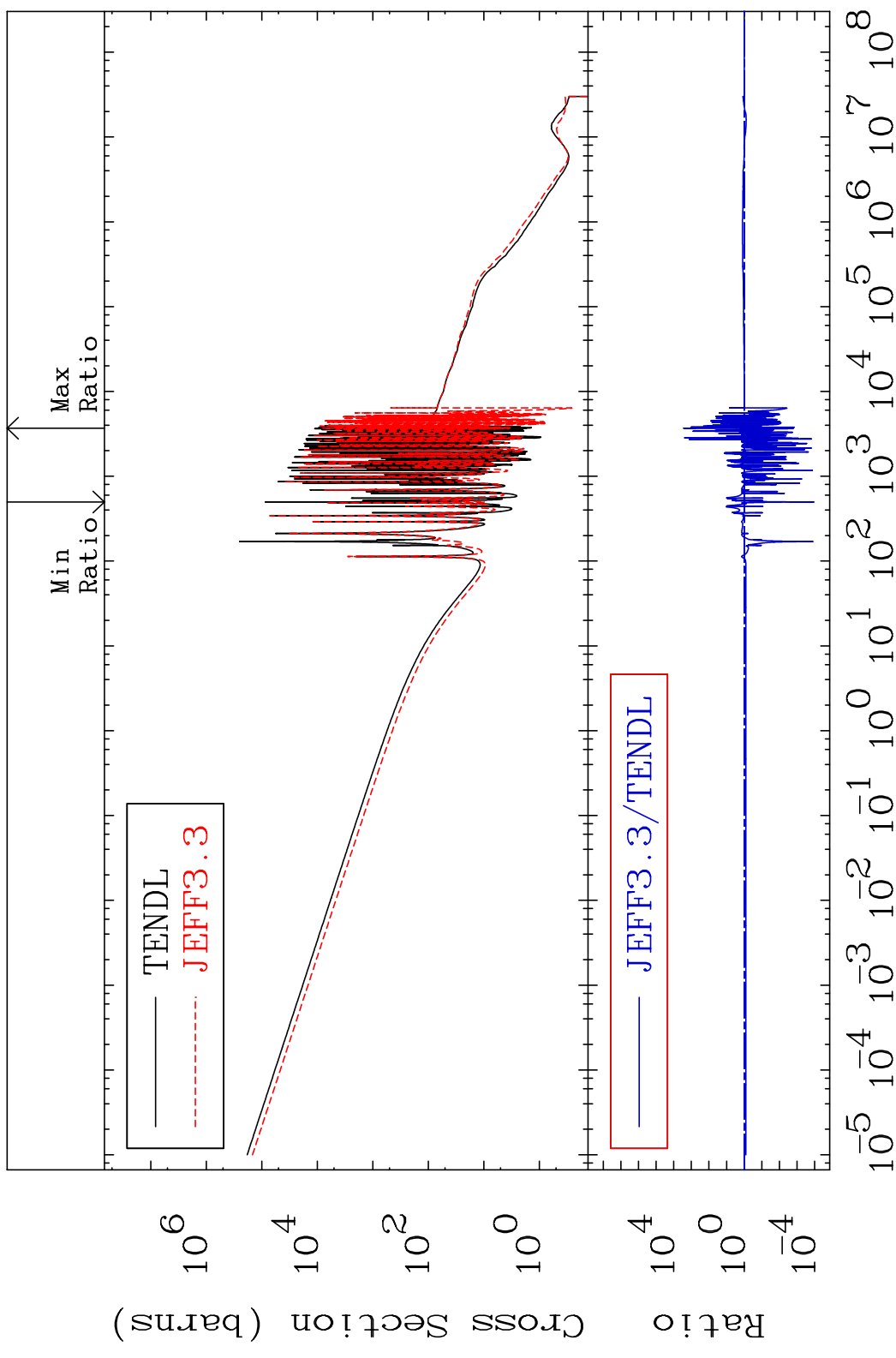
55 Incident Energy (eV) 34-Se-77



MAT 3434 Kerma fission (mt18 or mt19-20-21-38) 34-Se-77
 Cross Section -371.1 To 308.7 %

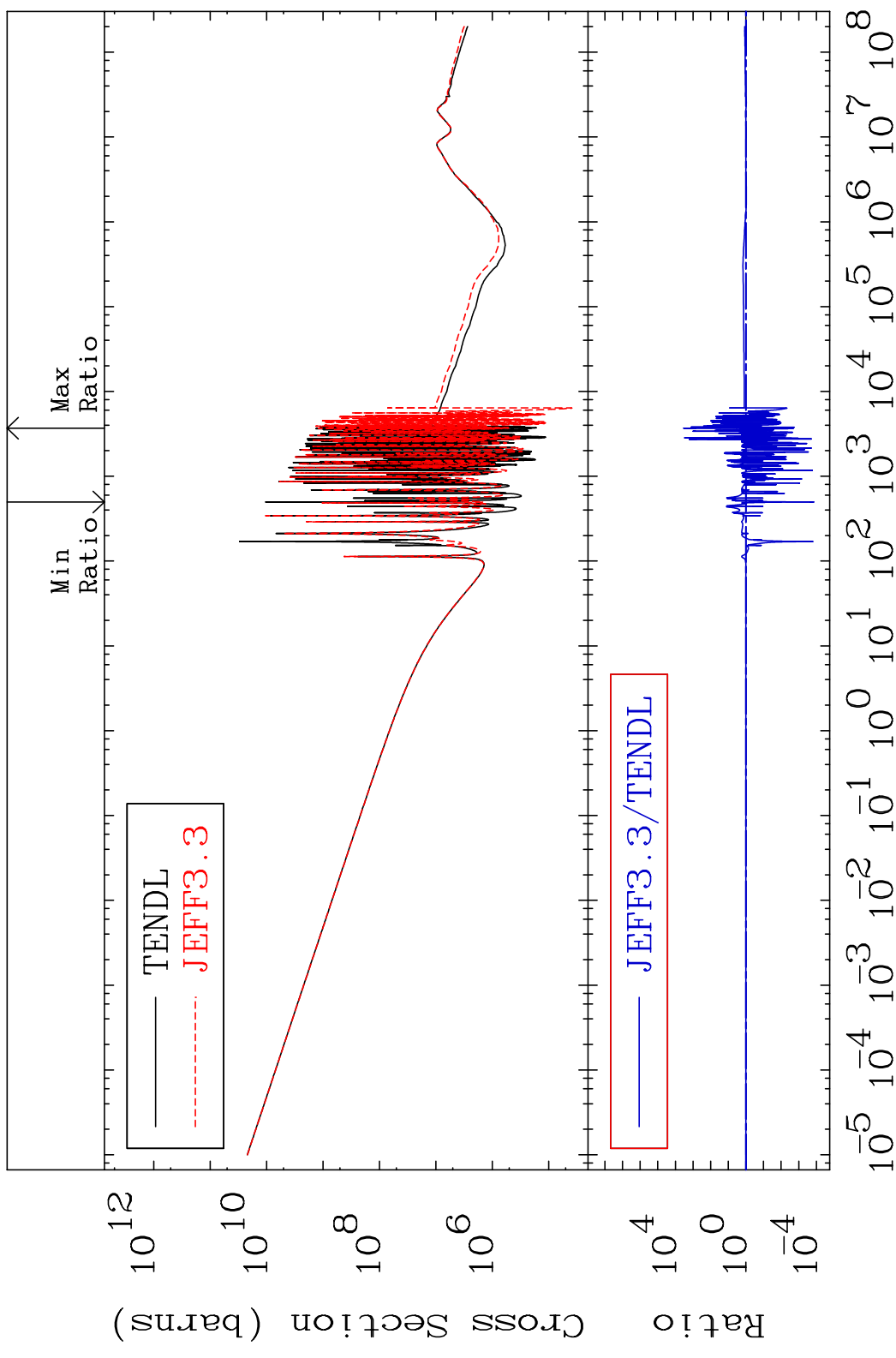


MAT 3434 Kerma capture (mt102) 34-Se-77
 Cross Section -99.99 To 9999. %



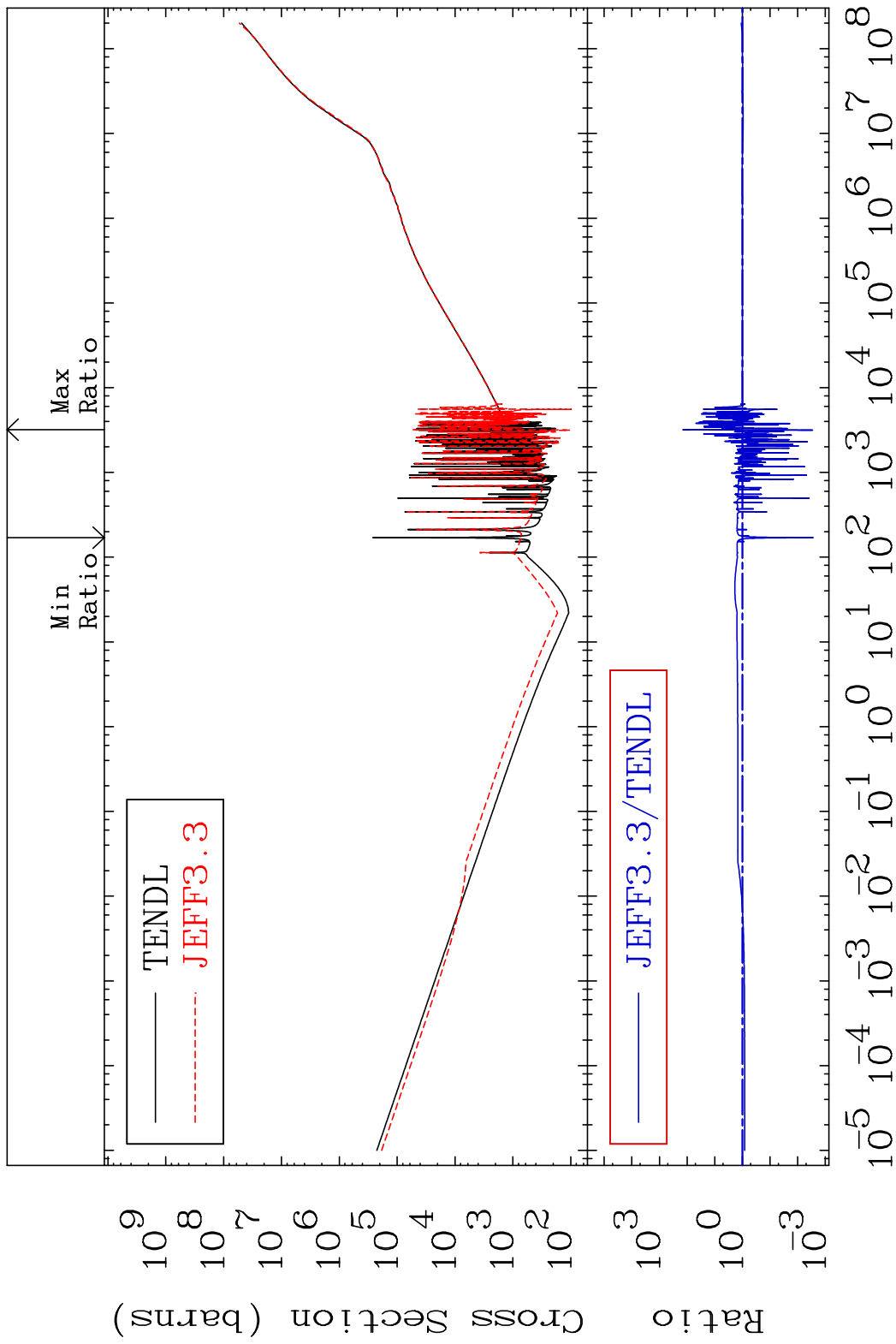
58 Incident Energy (eV) 34-Se-77

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

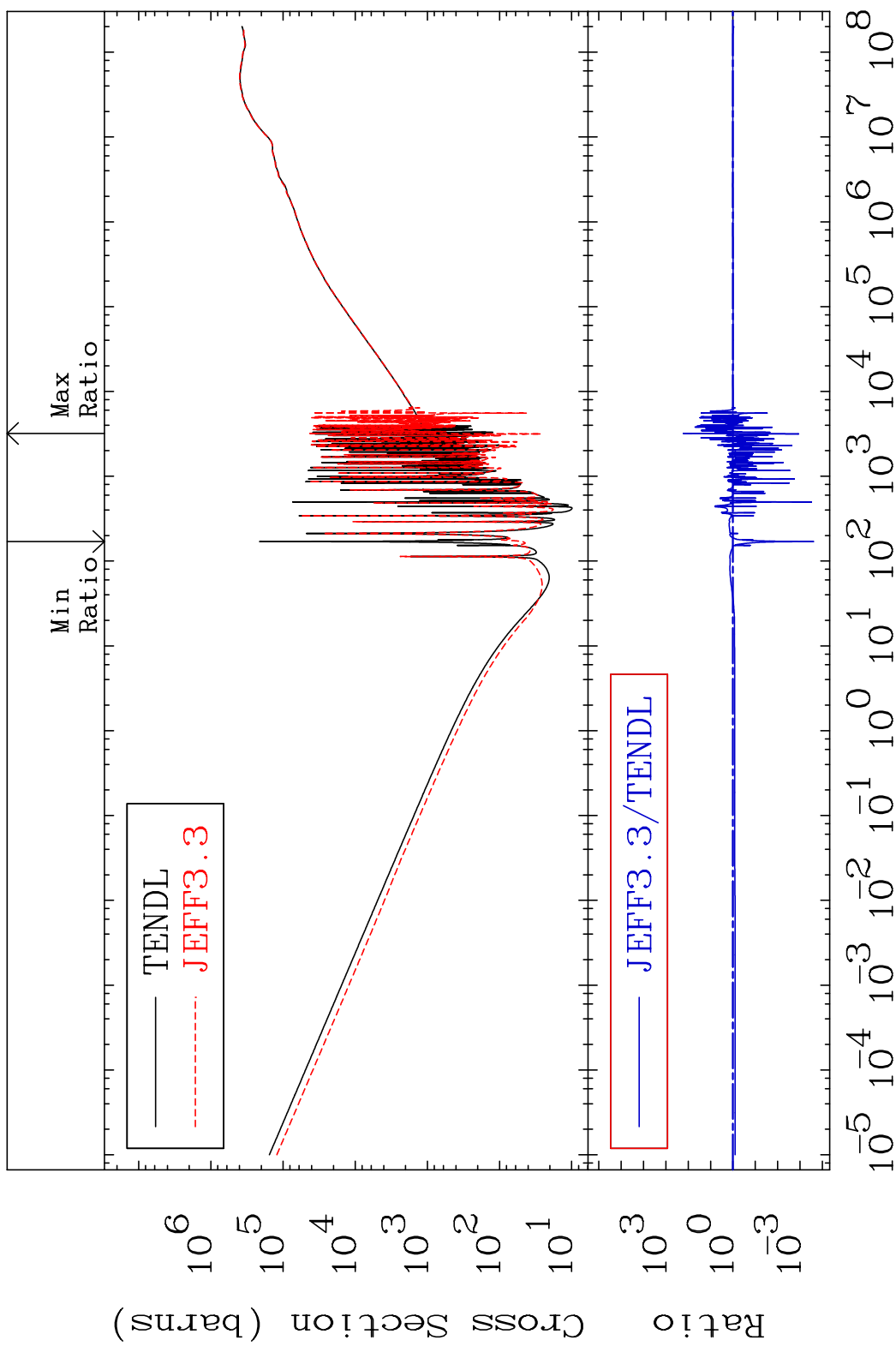


59 Incident Energy (eV) 34-Se-77

MAT 3434 Total kinematic kerma (high limit) 34-Se-77
 Cross Section -99.72 To 9999. %



MAT 3434 Dpa total (eV-barns) 34-Se-77
 Cross Section -99.98 To 9999. %



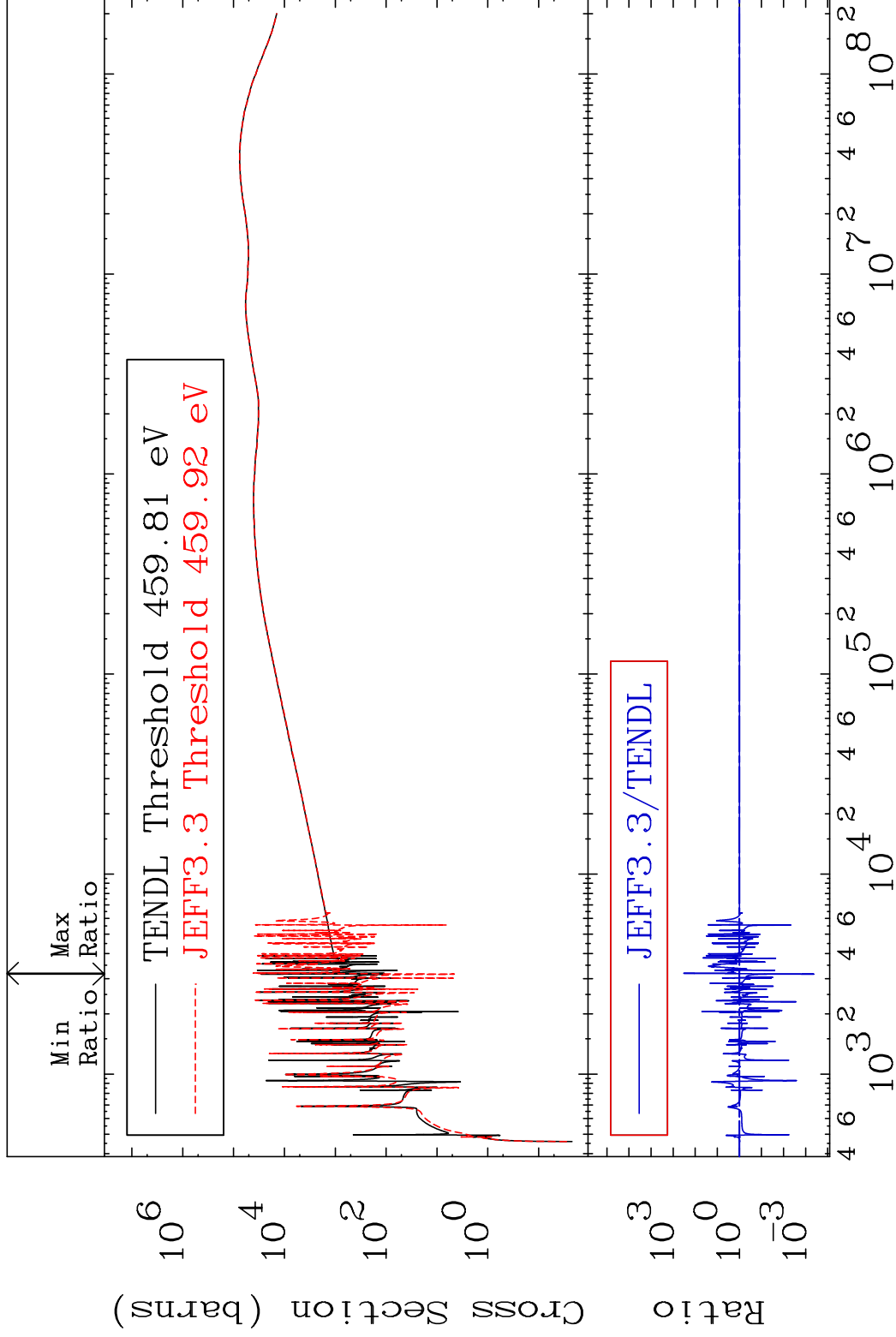
61 Incident Energy (eV) 34-Se-77

MAT 3434

Dpa elastic (mt2)

34-Se-77

Cross Section -99.96 To 9999. %

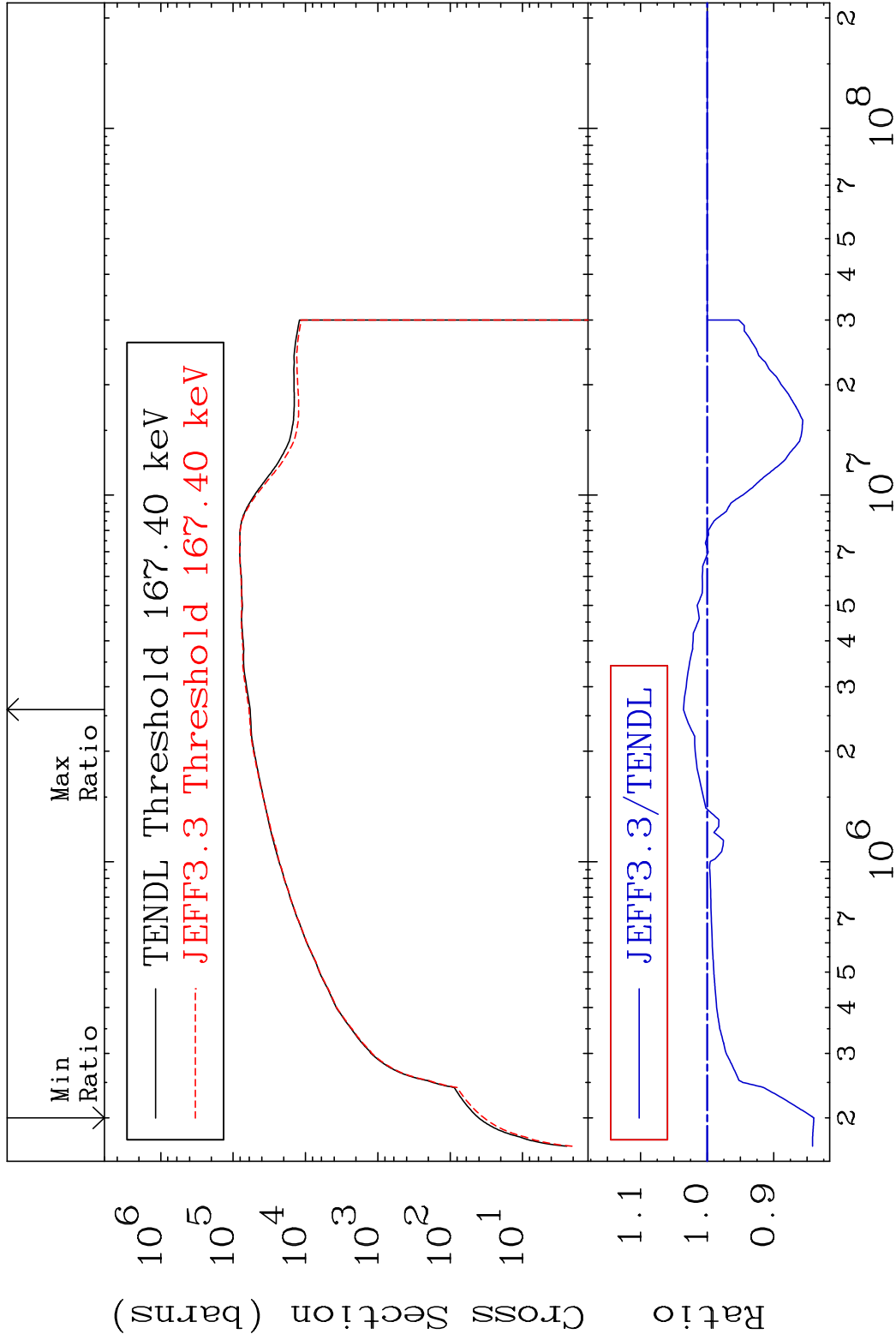


62

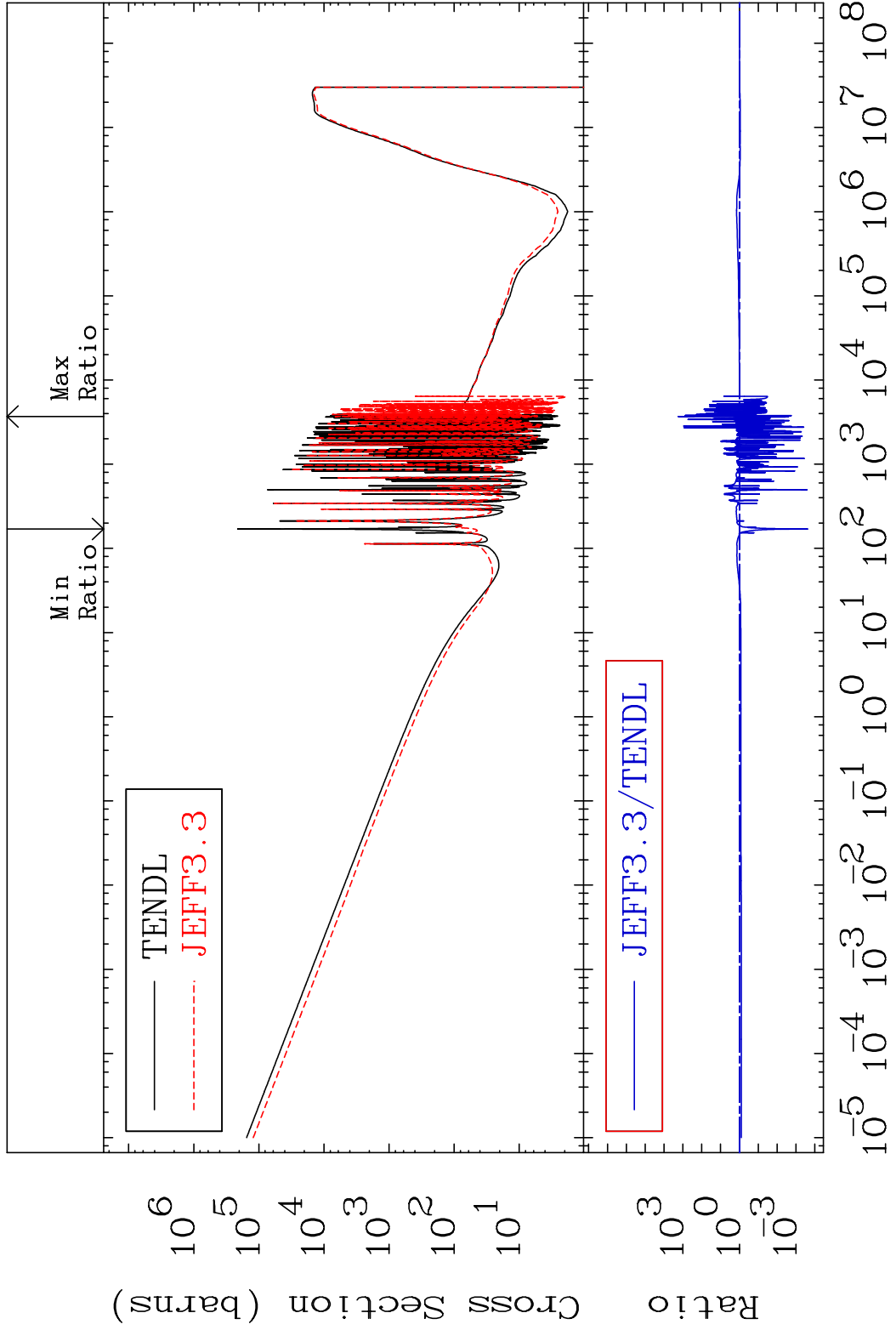
Incident Energy (eV)

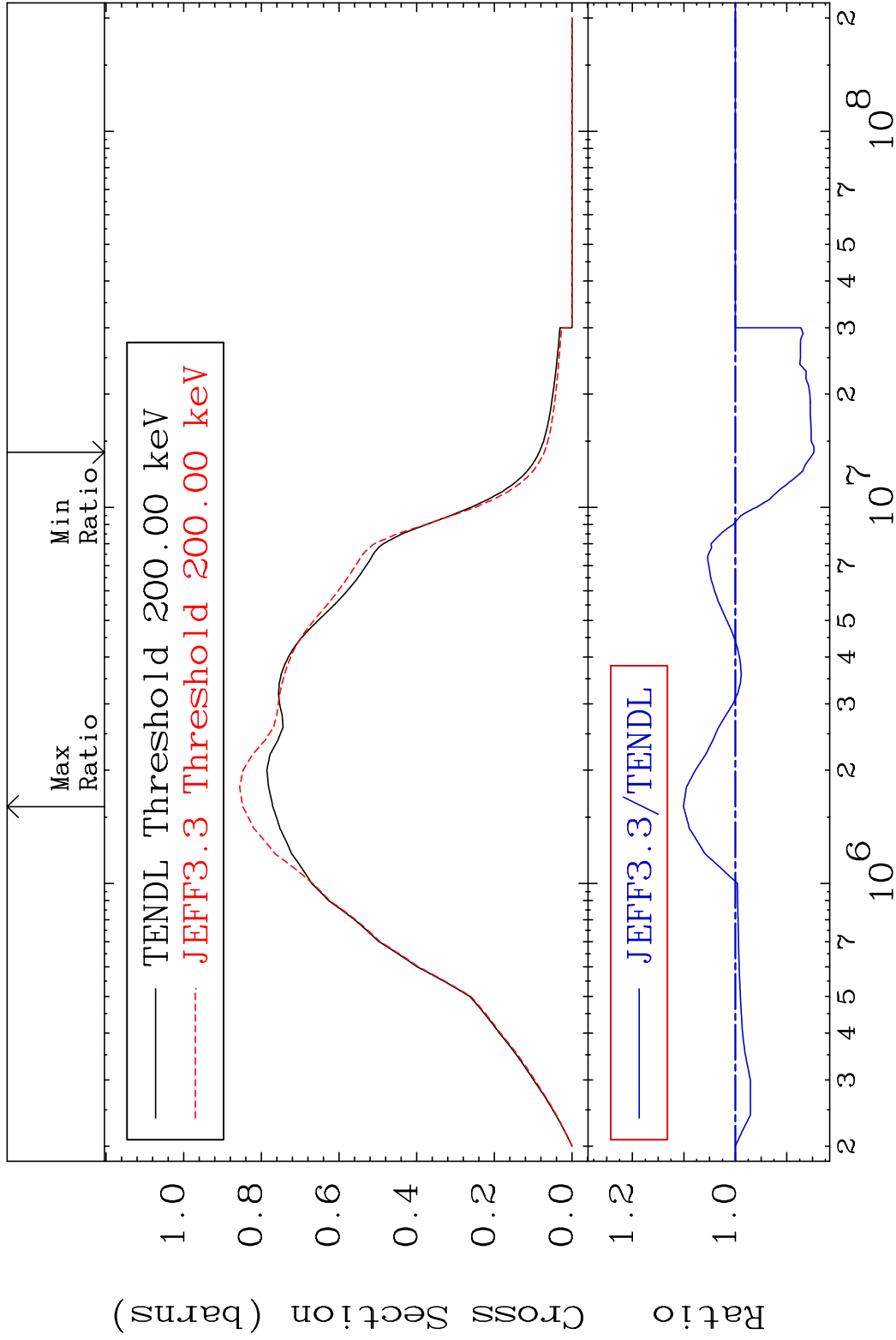
34-Se-77

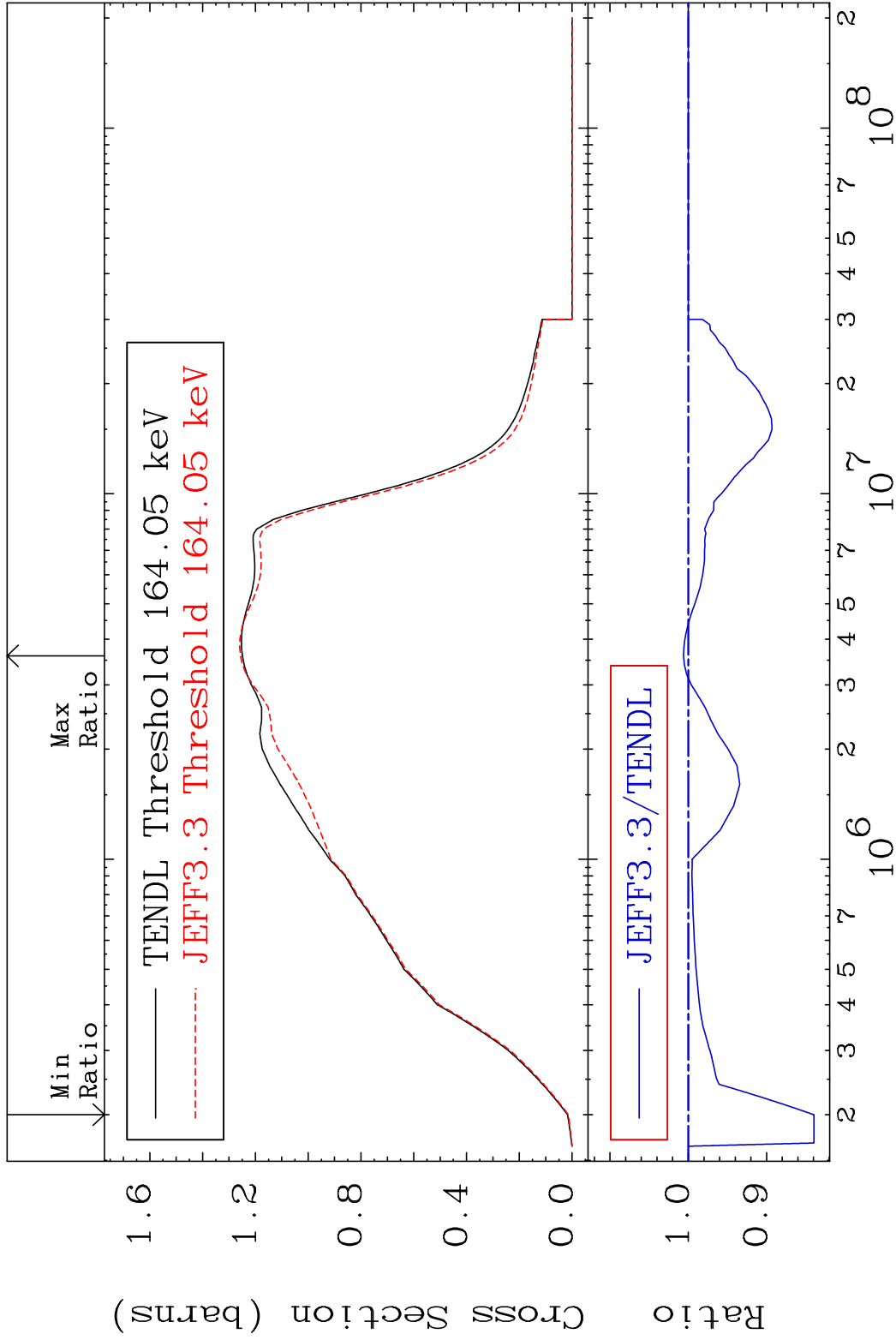
MAT 3434 Dpa inelastic (mt51-91) ³⁴Se-77
 Cross Section -16.03 To 3.567 %

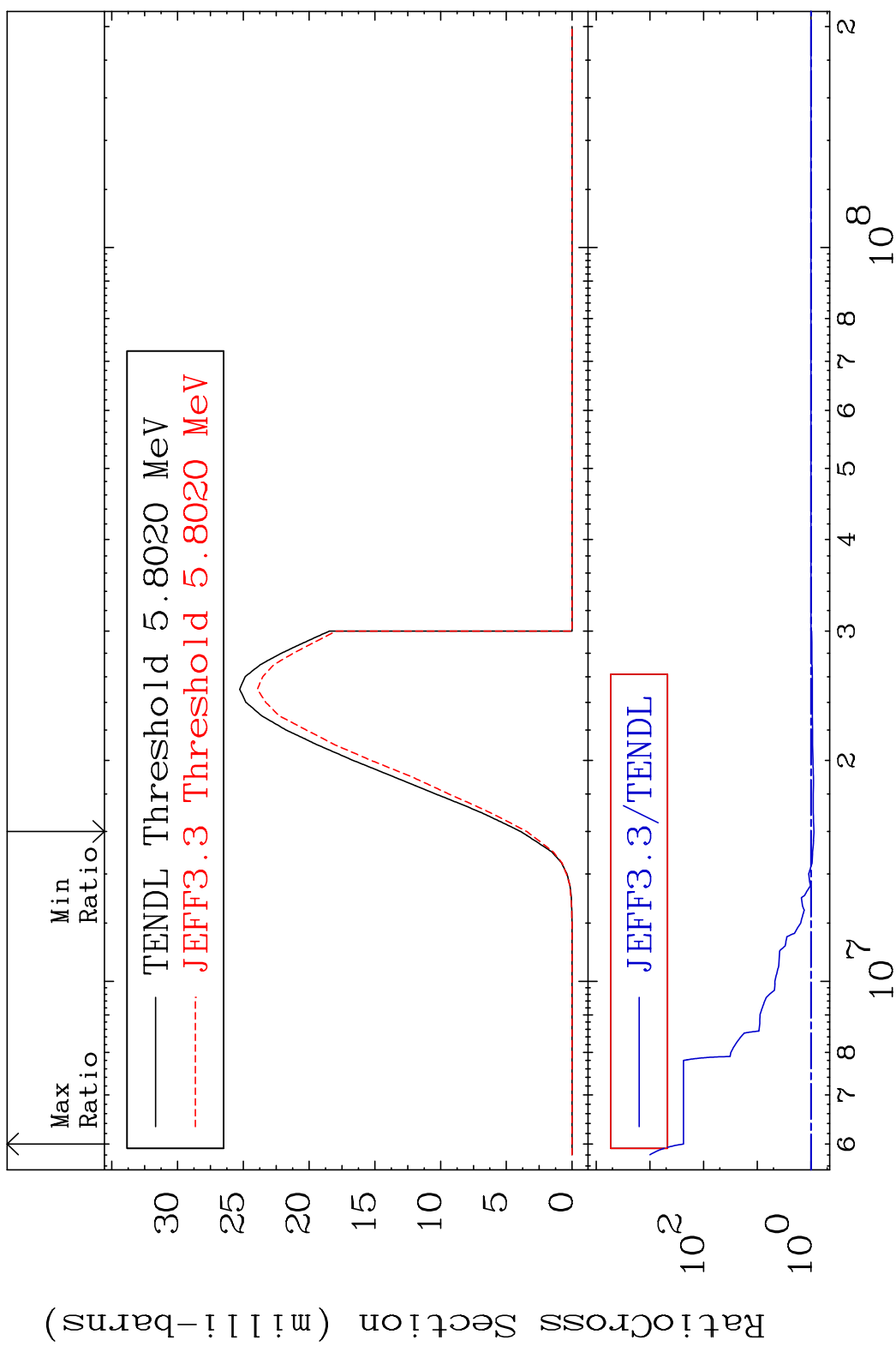


MAT 3434 Dpa disappearance (mt102 -120) 34-Se-77
 Cross Section -99.98 To 9999. %

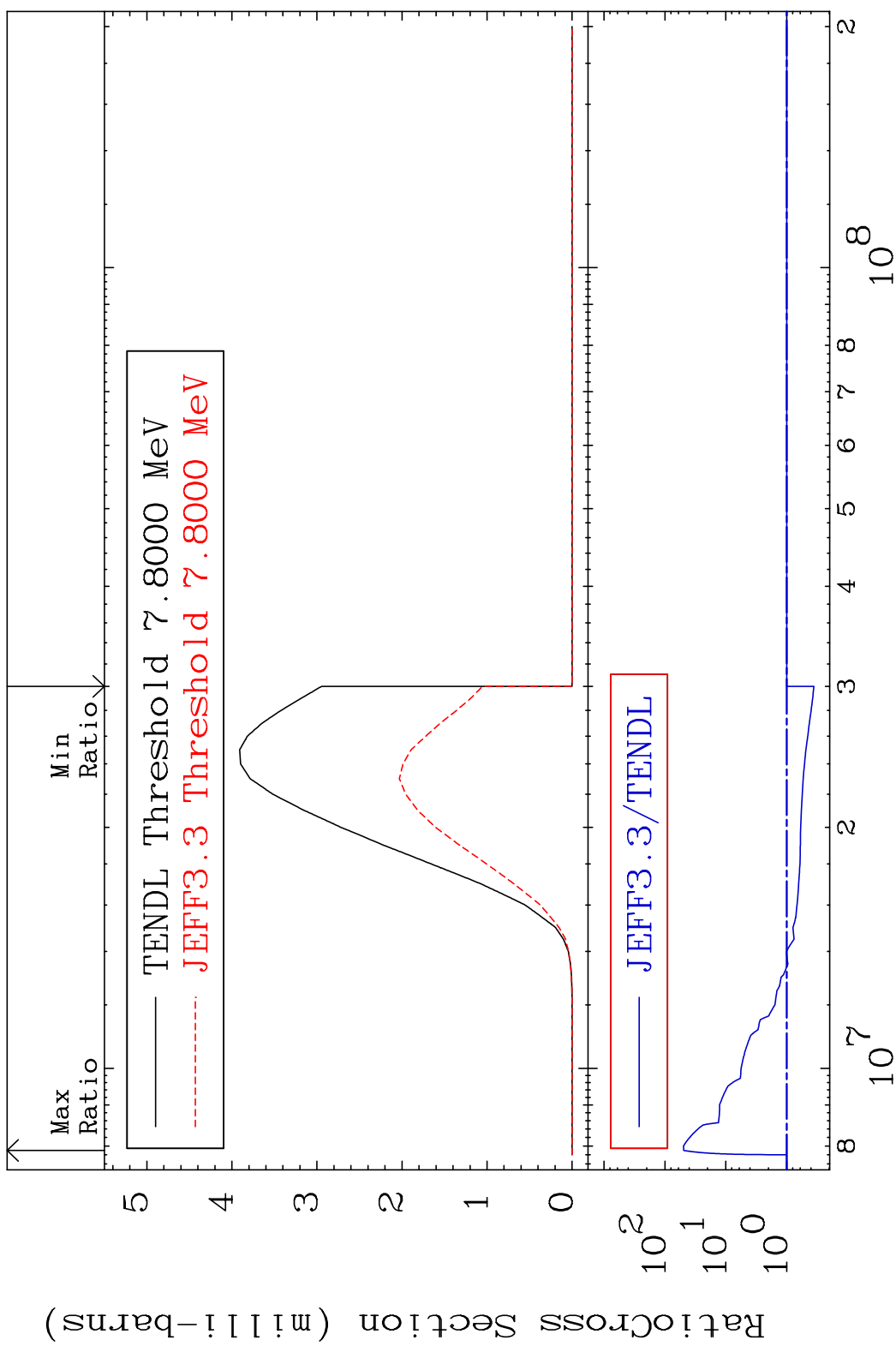


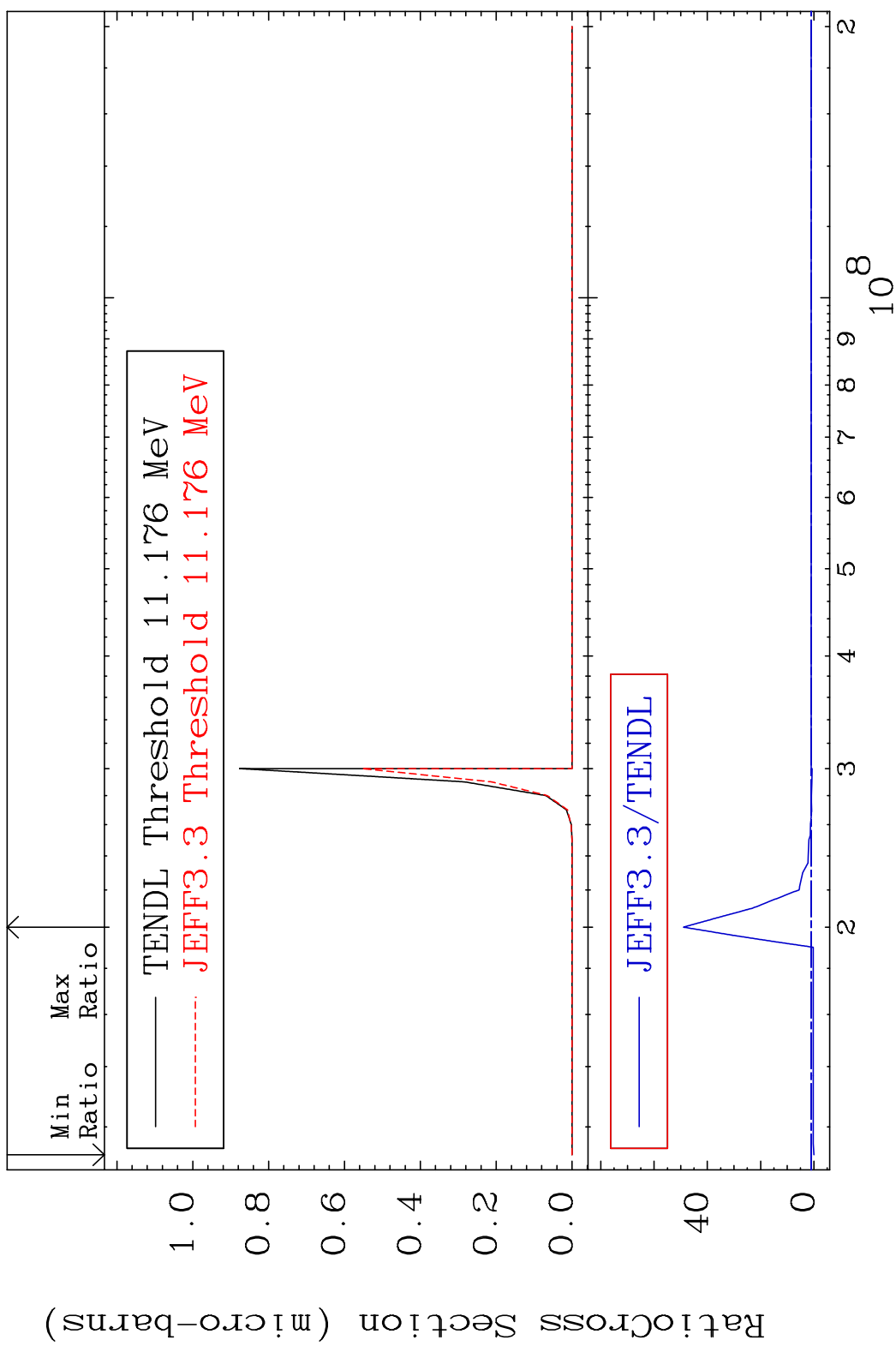




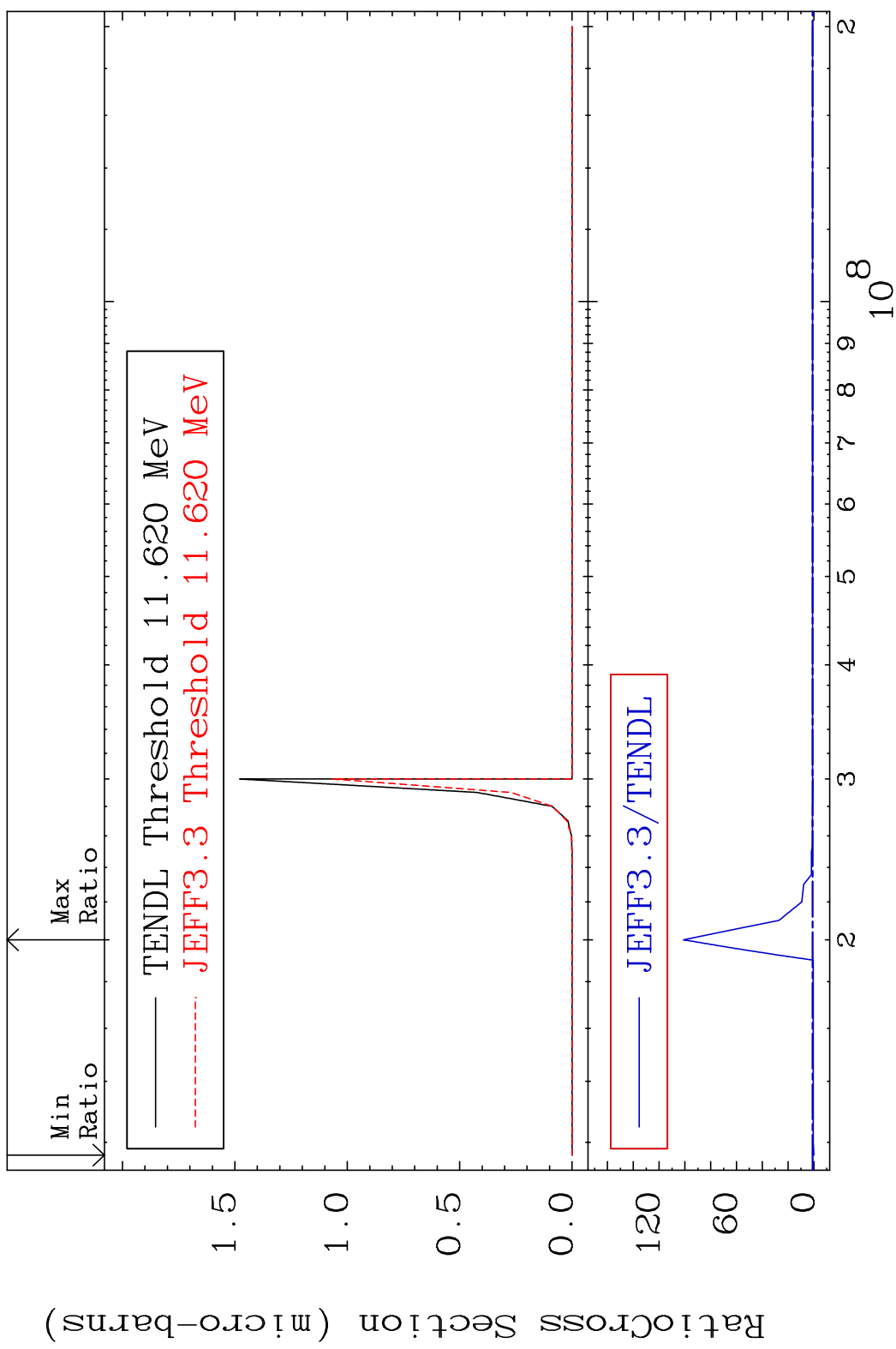


MAT 3434 (n, n') α :32-Ge-73m2 34-Se-77
 Radionuclide Production Cross Section 68.24 d to 4865. %

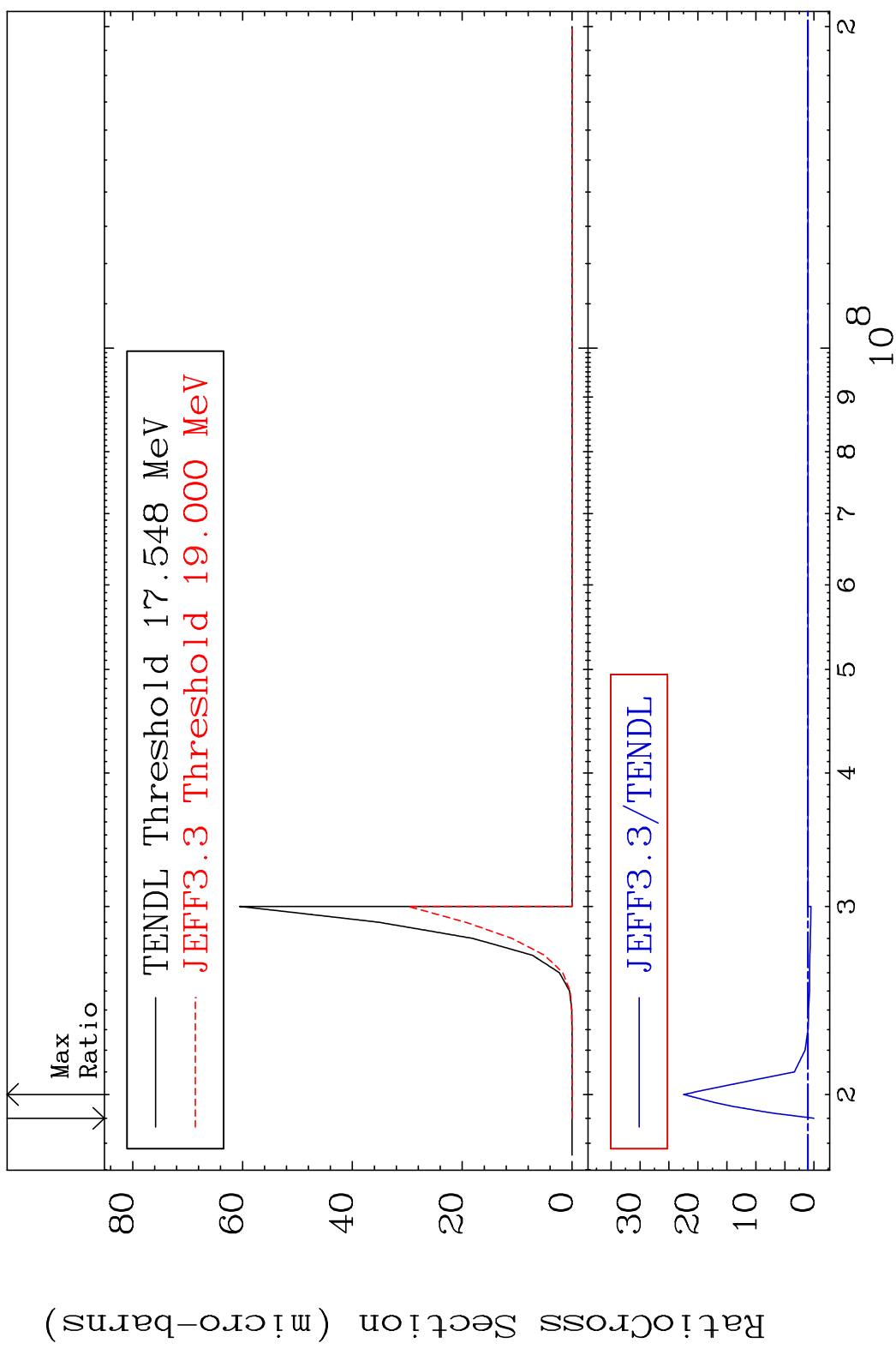


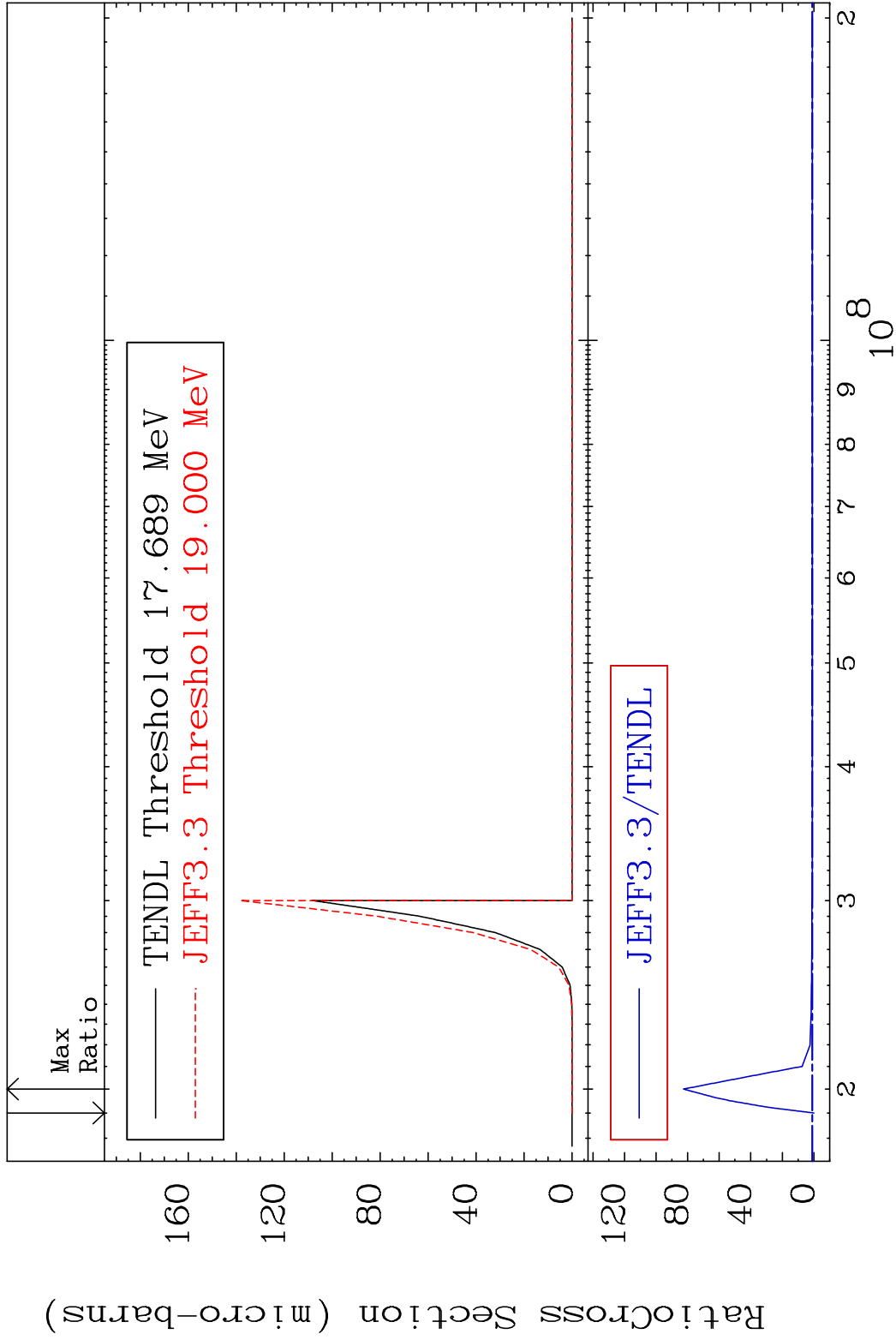


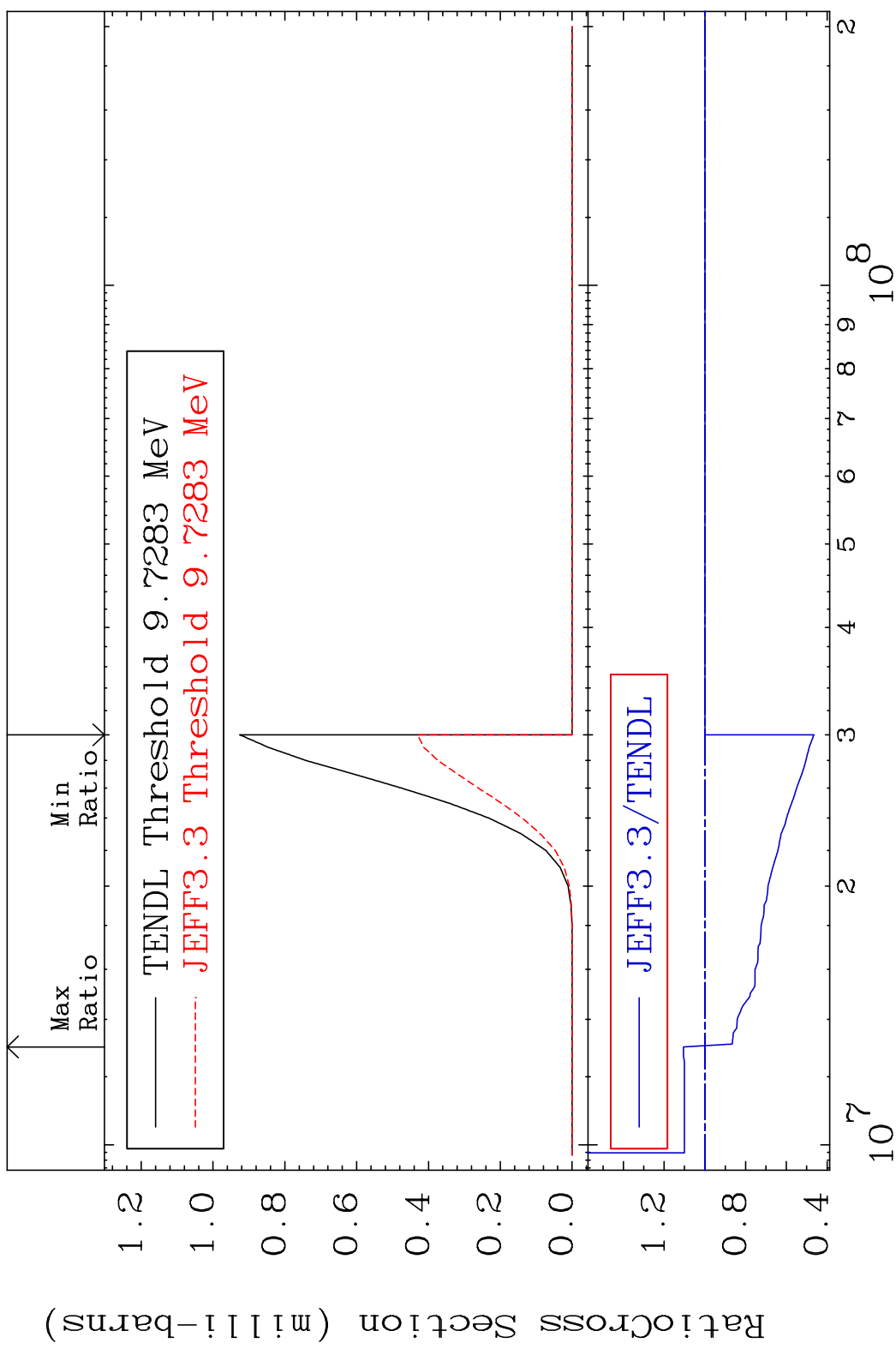
MAT 3434 (n, n') ^{24}Mg - ^{30}Zn -69m1 ^{34}Se -77
 Radionuclide Production Cross Section 180000 dpo 9999. %



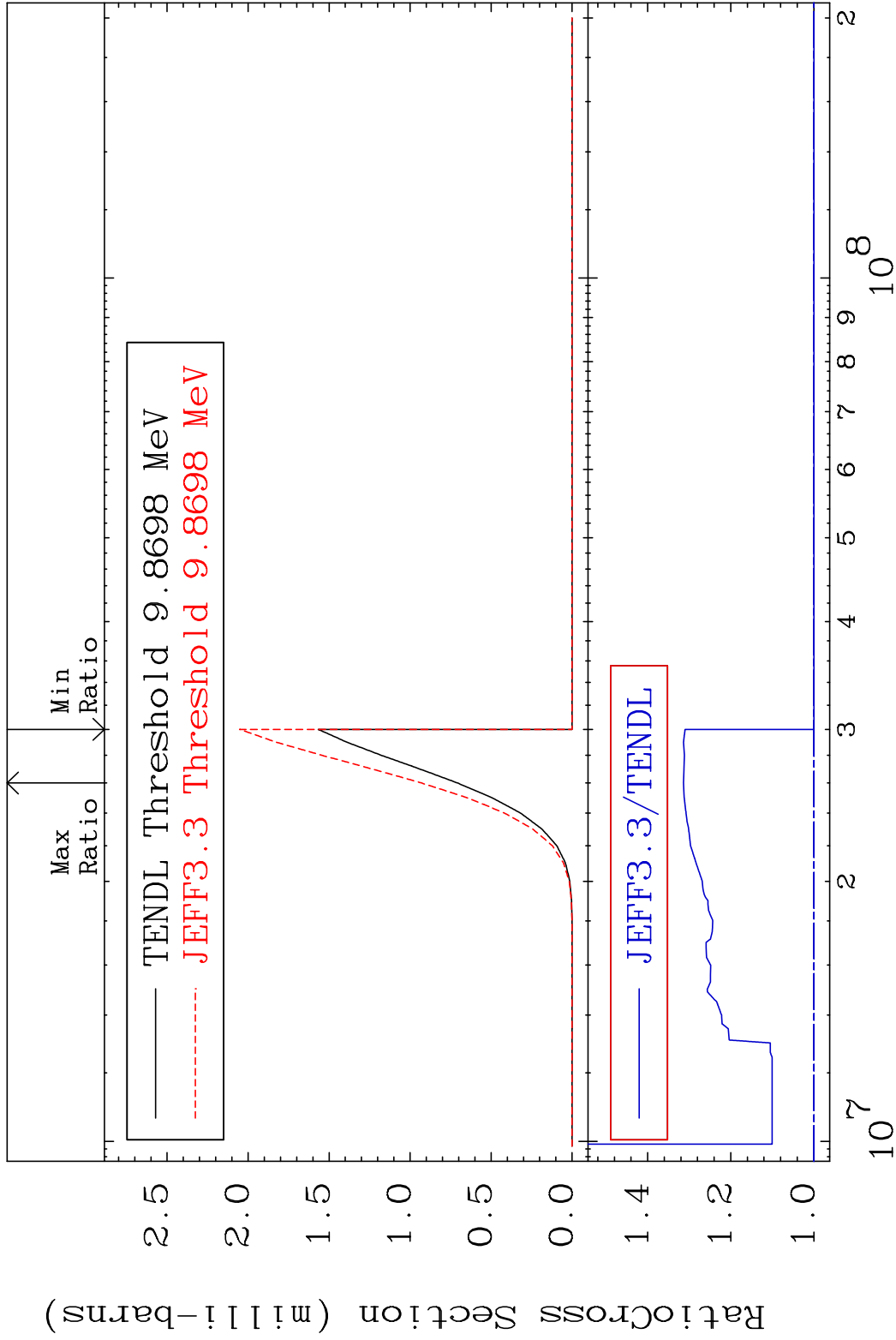
70 34-Se-77



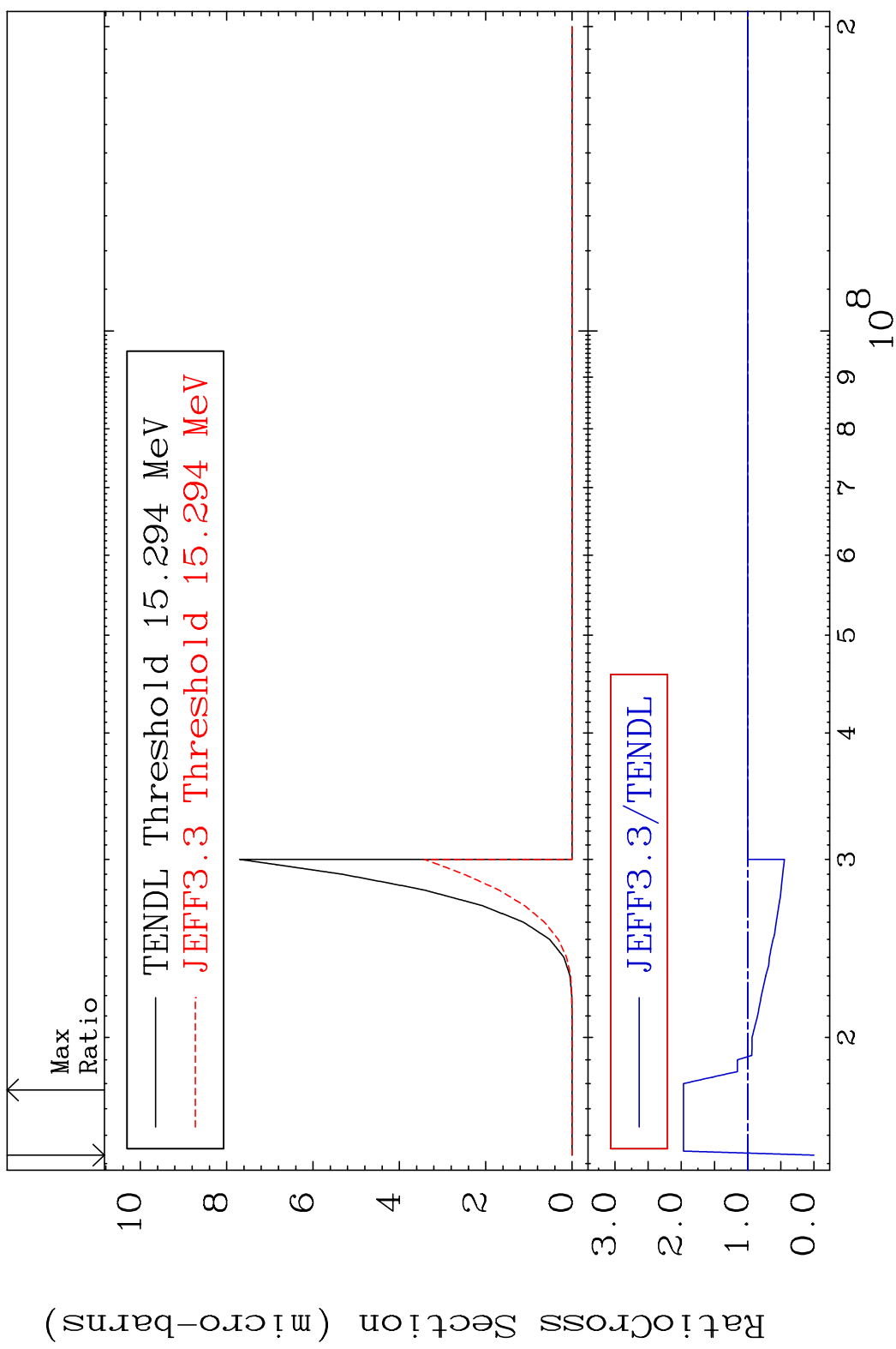




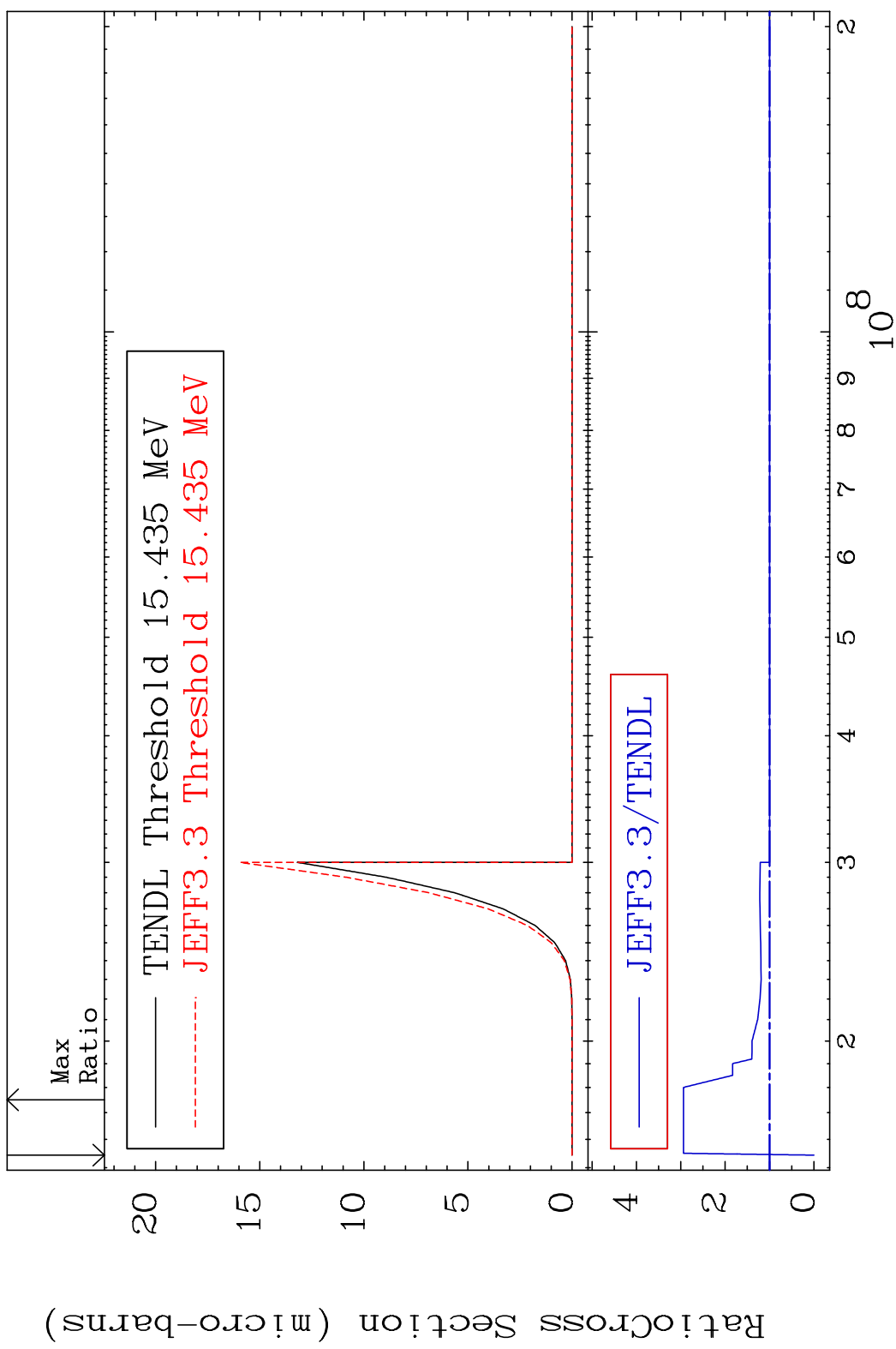
MAT 3434 (n, He-3) : 32-Ge-75m2 34-Se-77
 Radionuclide Production Cross Section 31.39 %



74 Incident Energy (eV) 34-Se-77



MAT 3434 (n, p) d:32-Ge-75m2 34-Se-77
 Radionuclide Production Cross Section 194.0 %



76 Incident Energy (eV) 34-Se-77