

Program Complot
(Version 2021-1)

by

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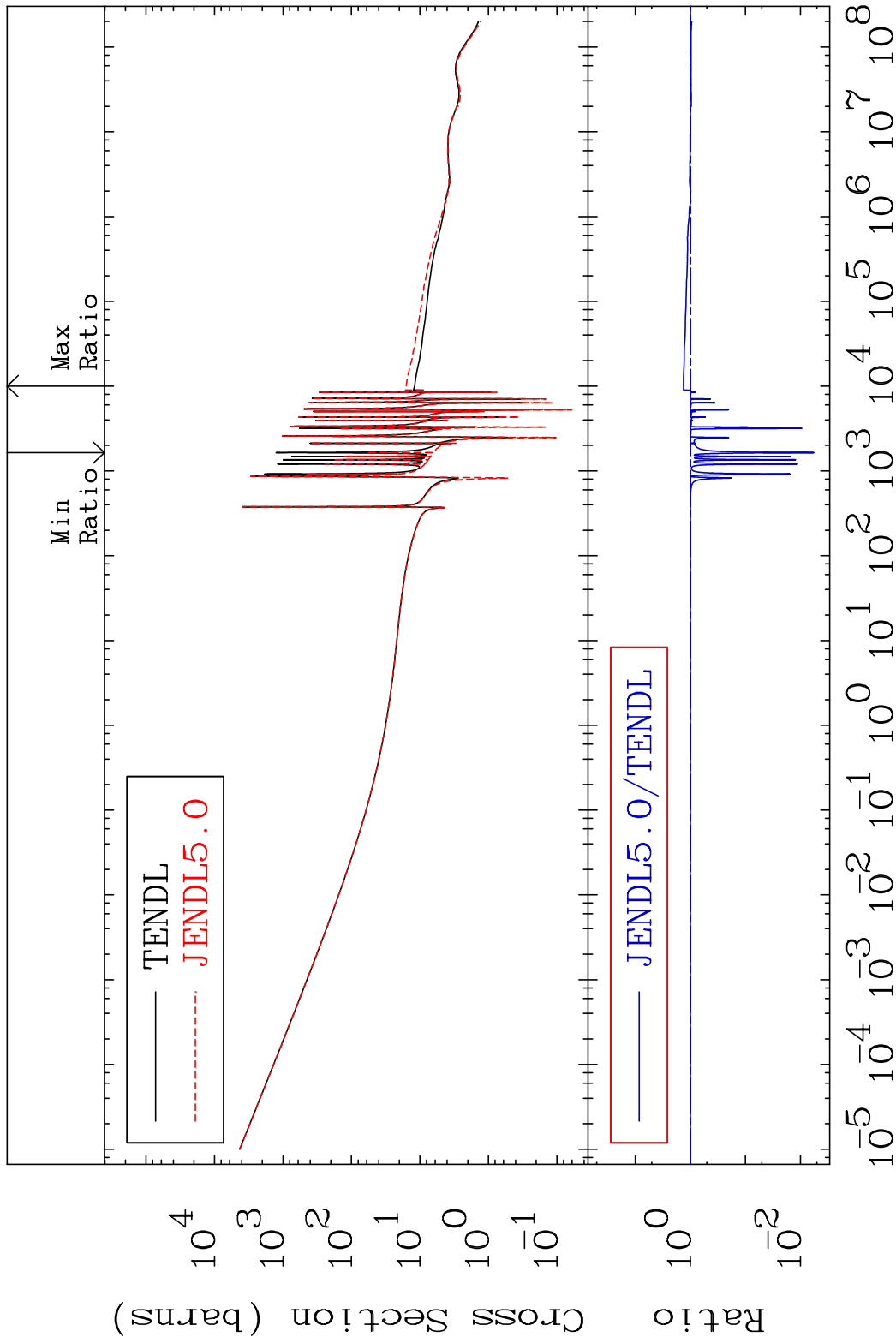
Press Mouse Button to Start

MAT 3431

Total

³⁴Se-76

Cross Section -99.43 To 32.85 %



1

Incident Energy (eV)

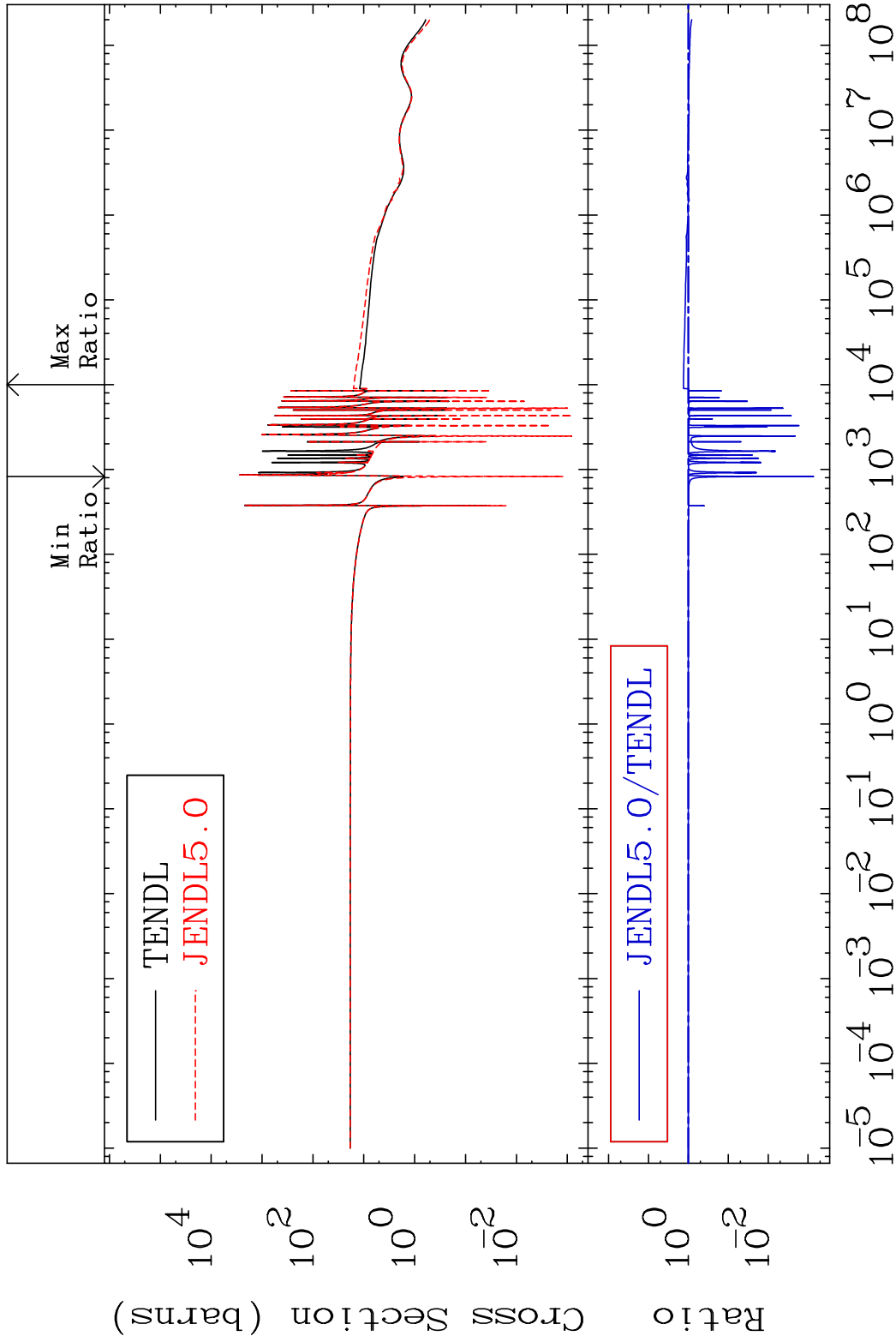
³⁴Se-76

MAT 3431

Elastic

³⁴Se-76

Cross Section -99.93 To 32.95 %

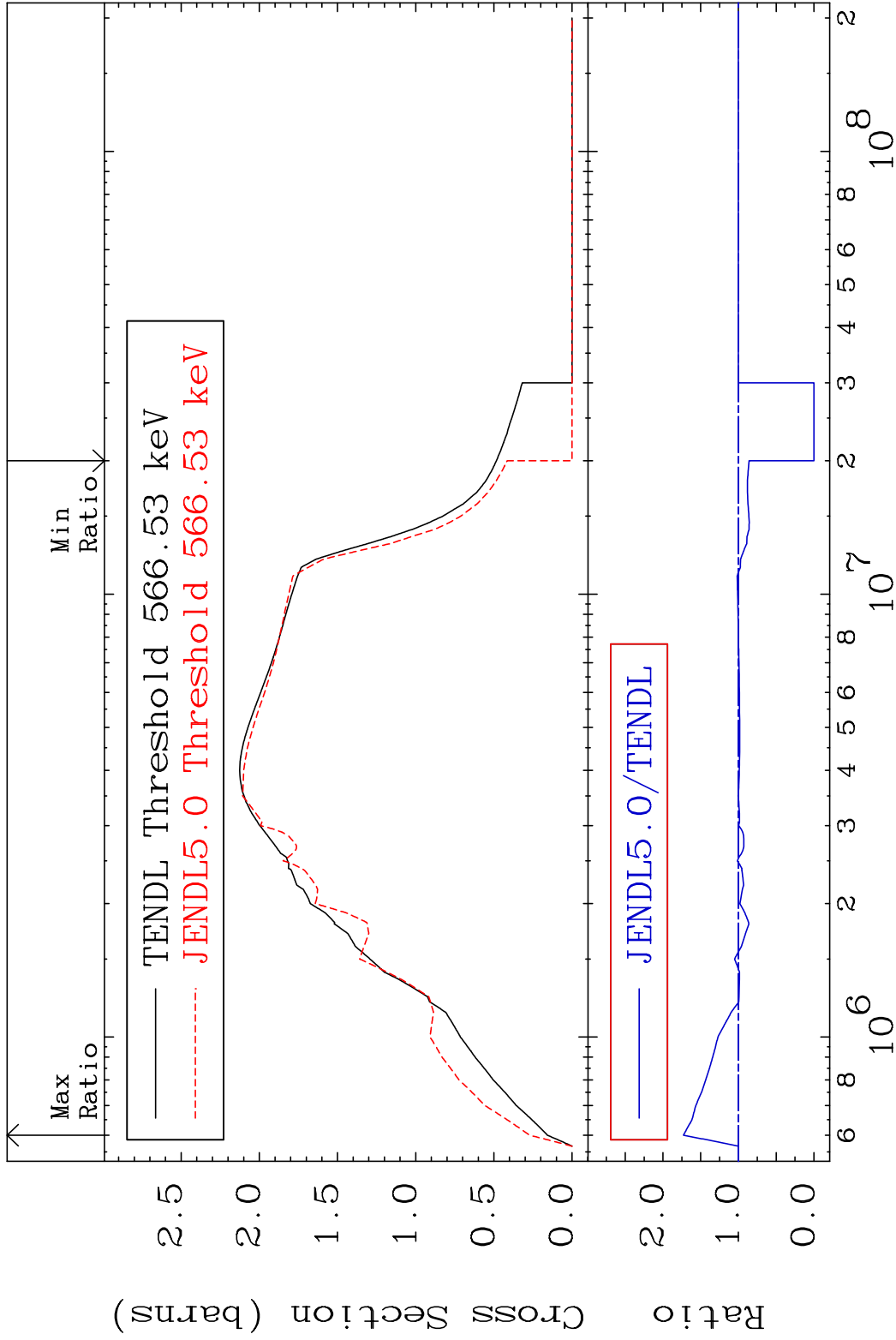


2

Incident Energy (eV)

³⁴Se-76

MAT 3431 Inelastic Cross Section -100.0 To 72.86 % ³⁴Se-76

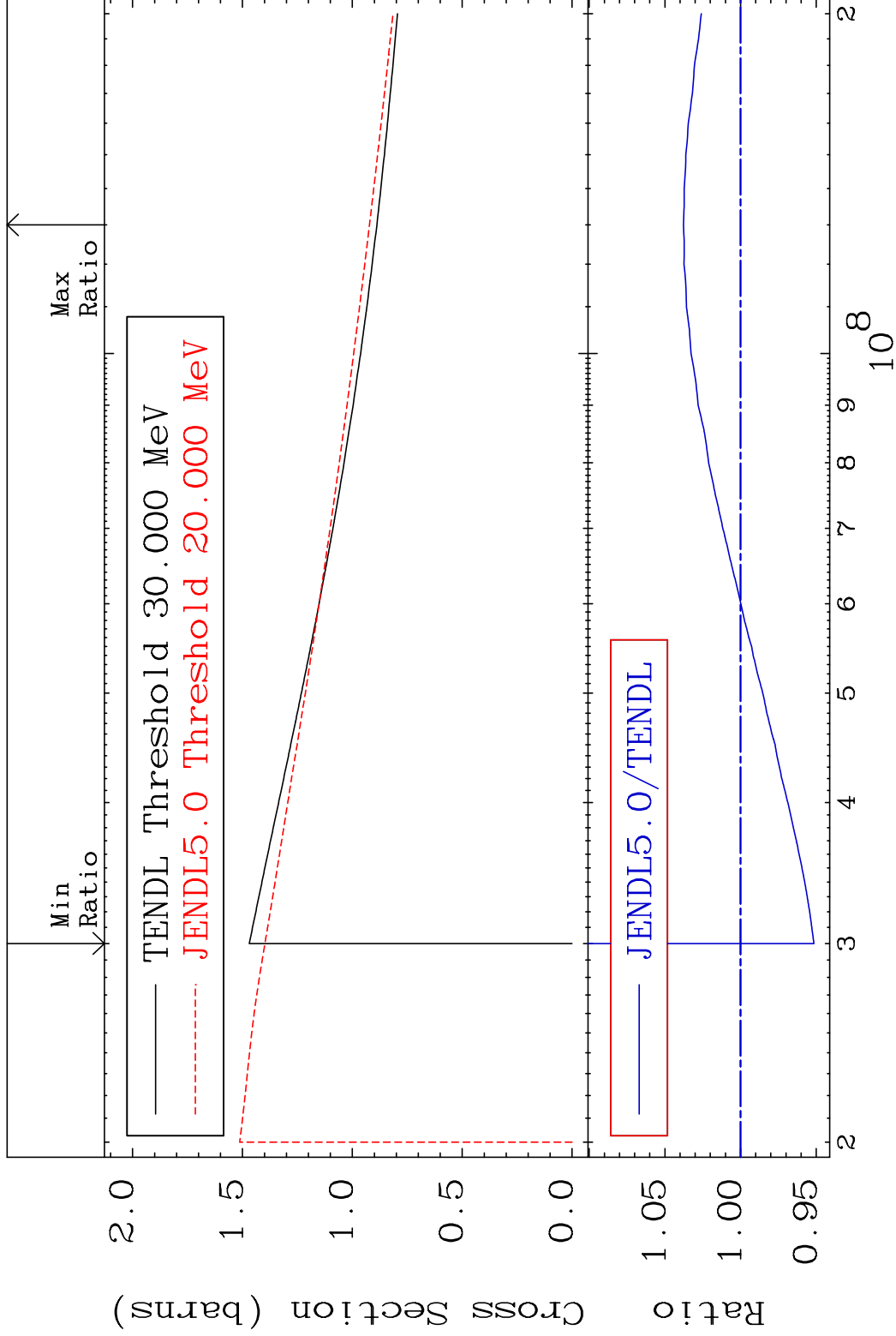


MAT 3431

(n, remainder)

34-Se-76

Cross Section -4.846 To 3.773 %

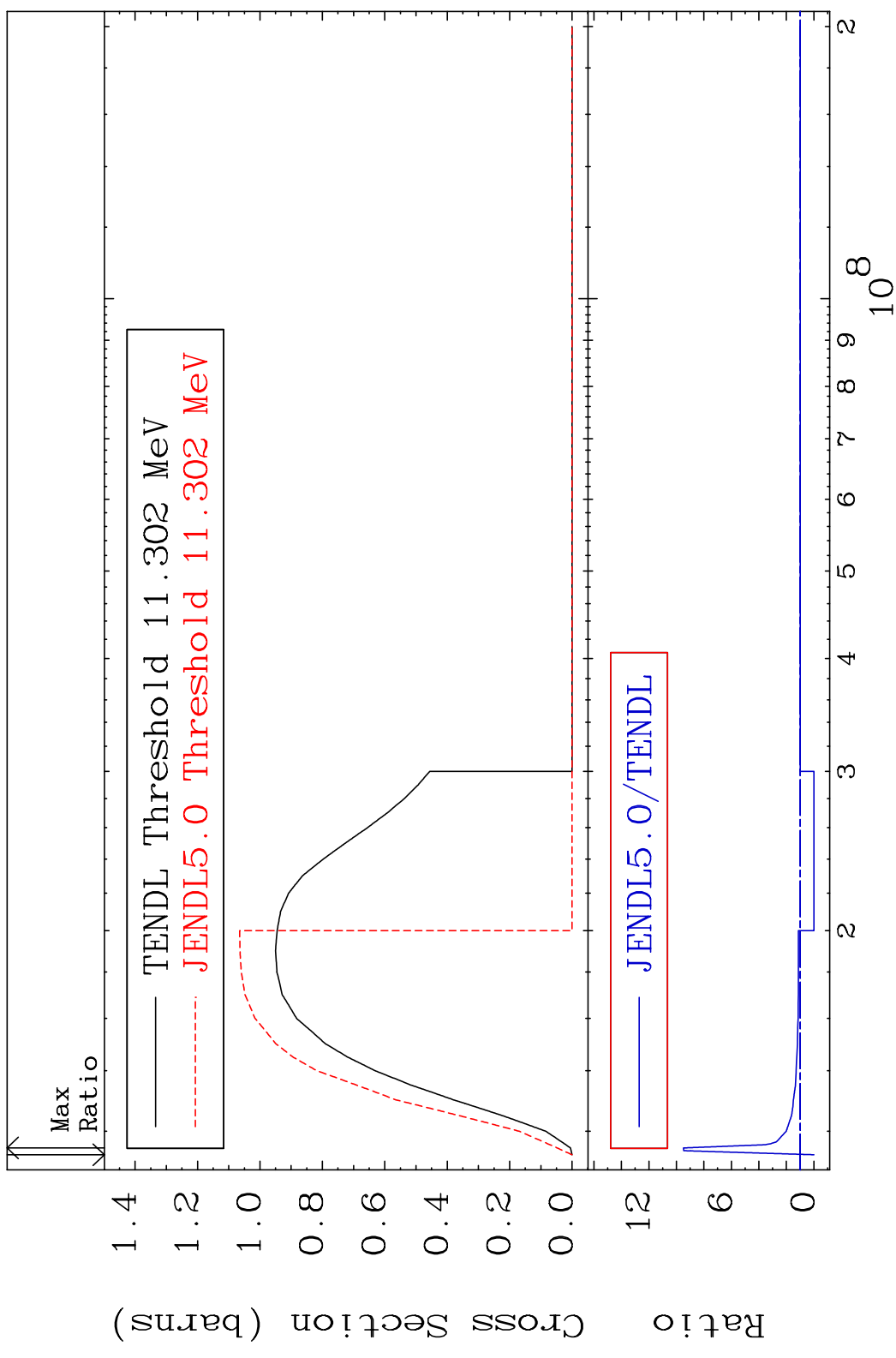


4

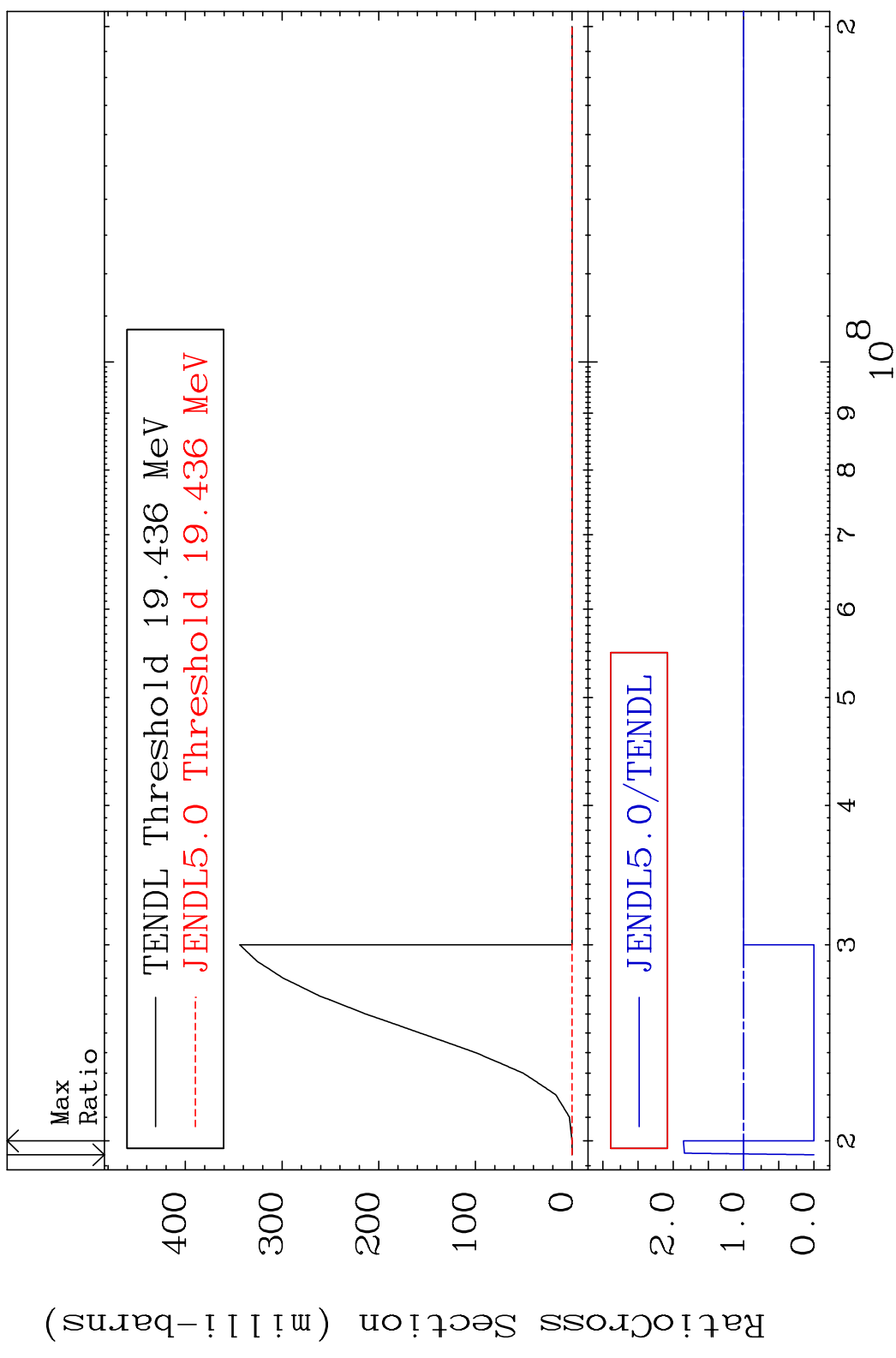
Incident Energy (eV)

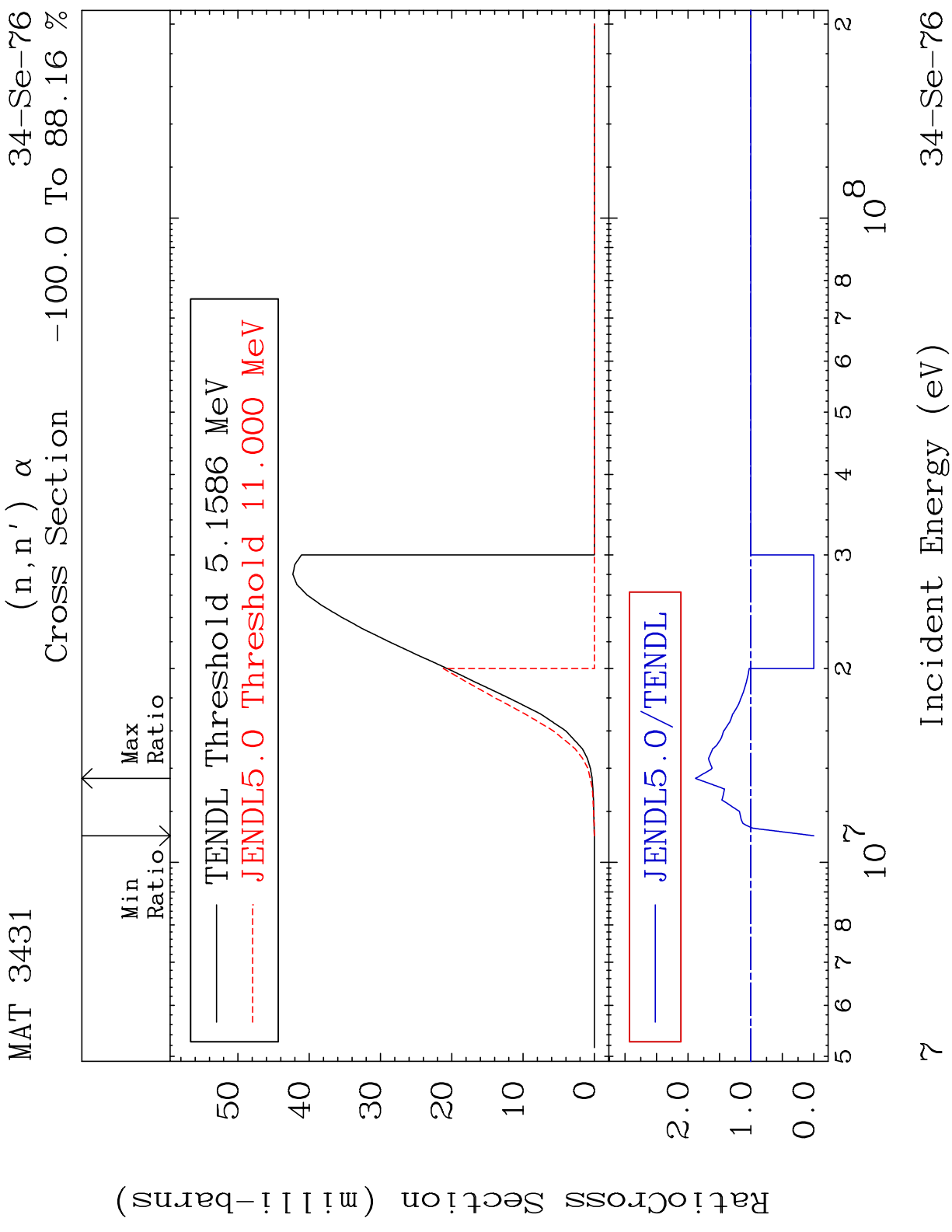
34-Se-76

MAT 3431 (n,2n) ³⁴Se-76
 Cross Section -100.0 To 848.6 %

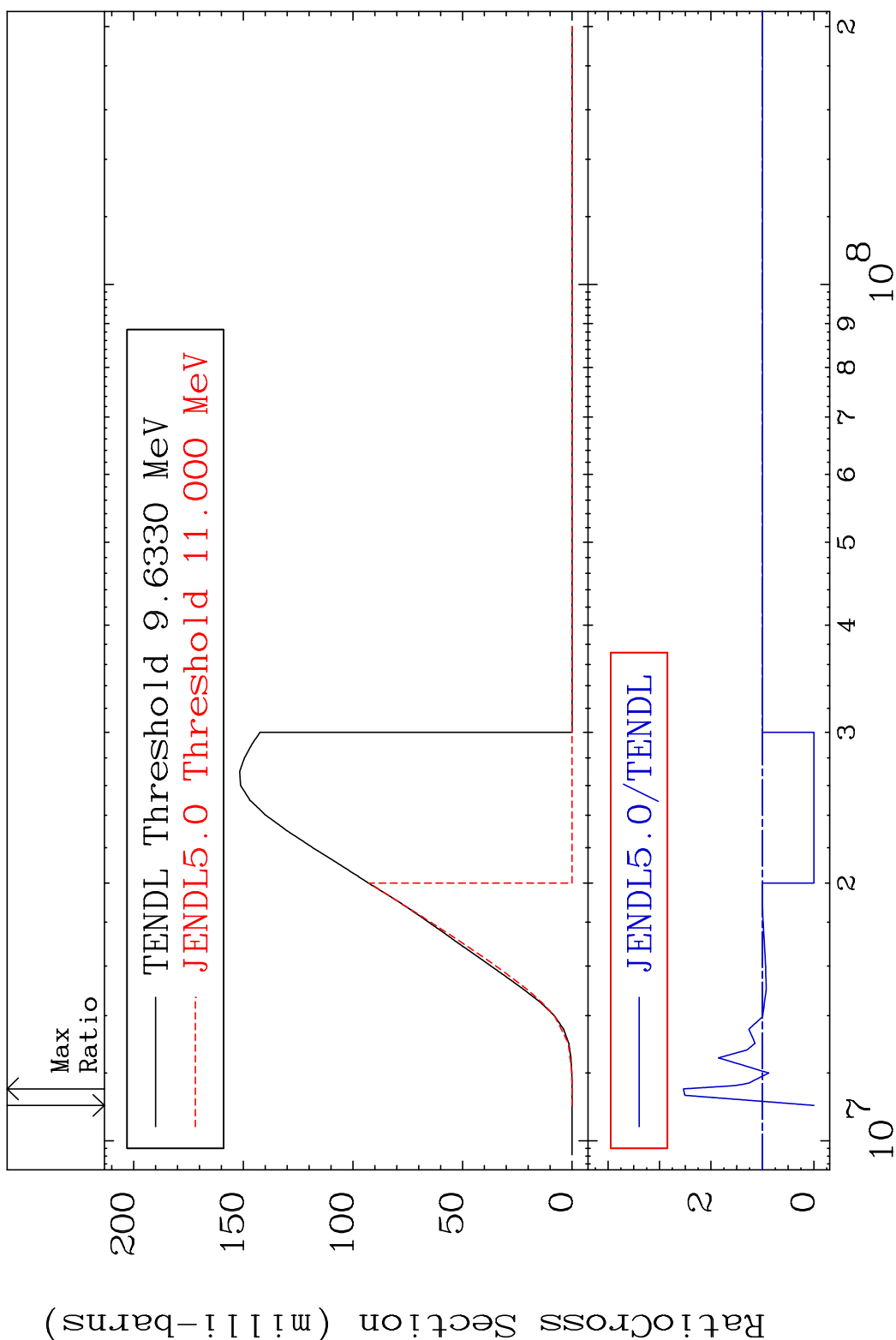


MAT 3431 (n,3n) 34-Se-76
 Cross Section -100.0 To 85.50 %



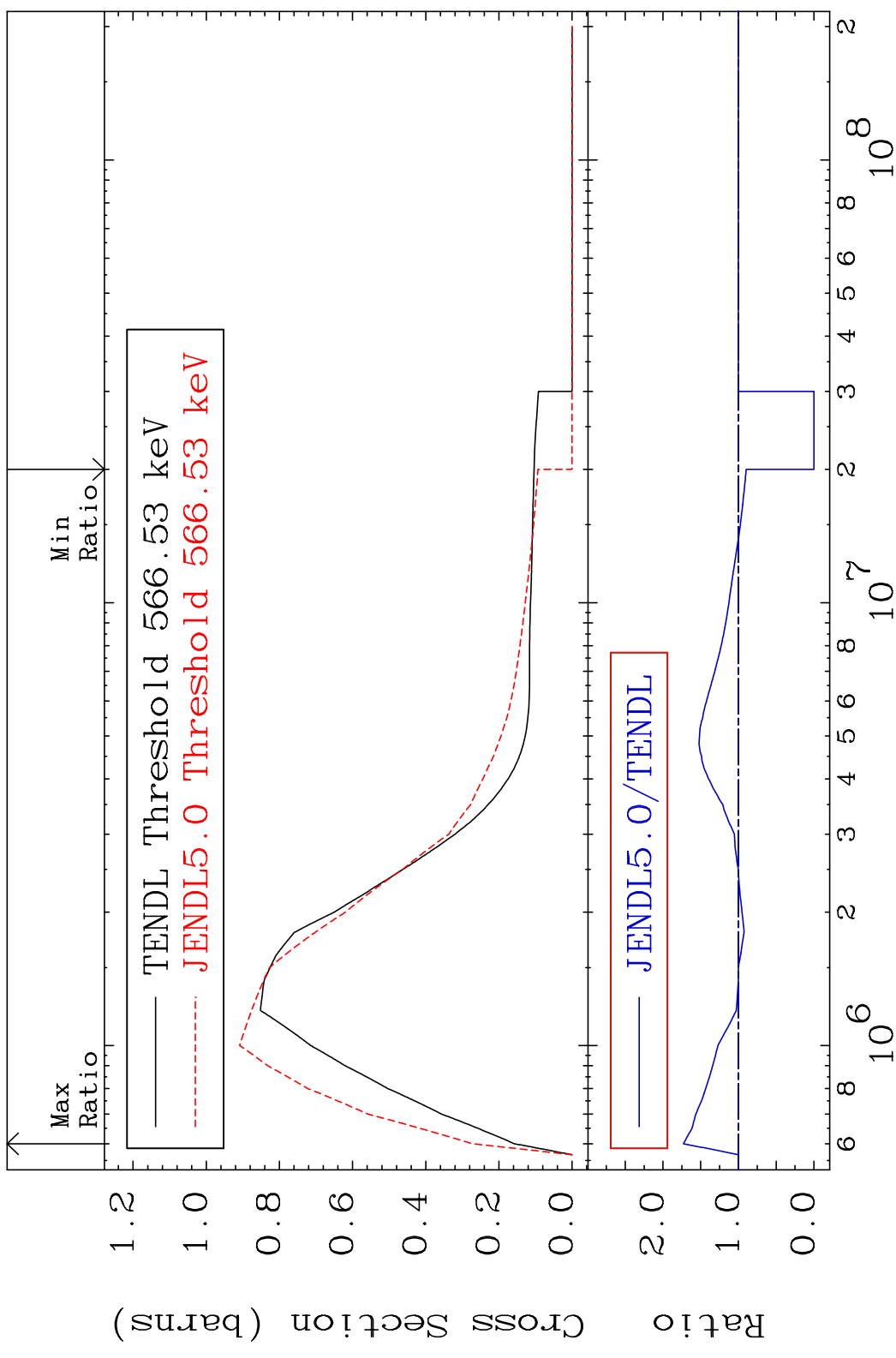


MAT 3431 (n, n') p 34-Se-76
 Cross Section -100.0 To 153.5 %



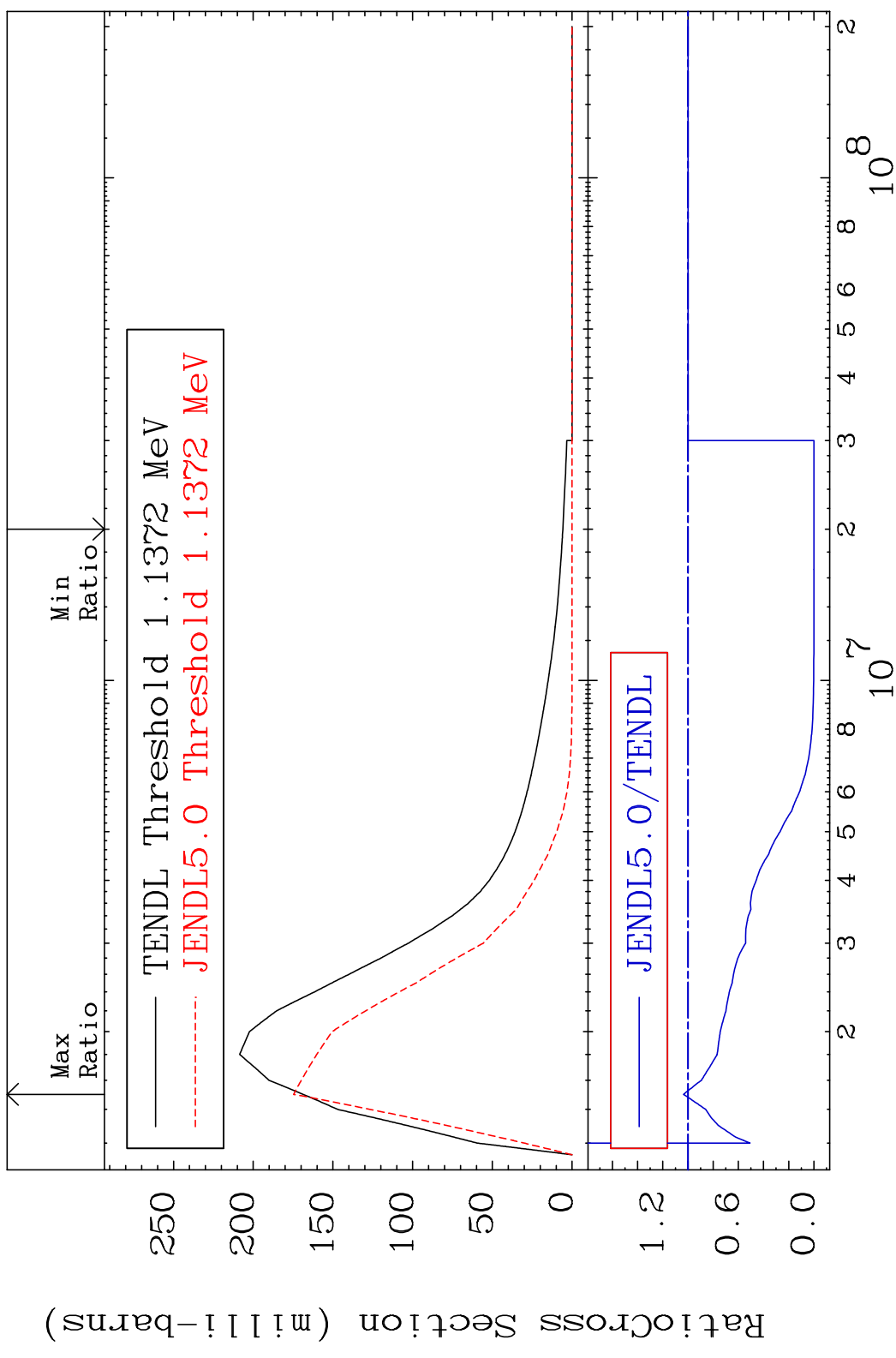
8 34-Se-76

MAT 3431 MT= 51 (n, n') Level 34-Se-76
 Cross Section -100.0 To 72.86 %

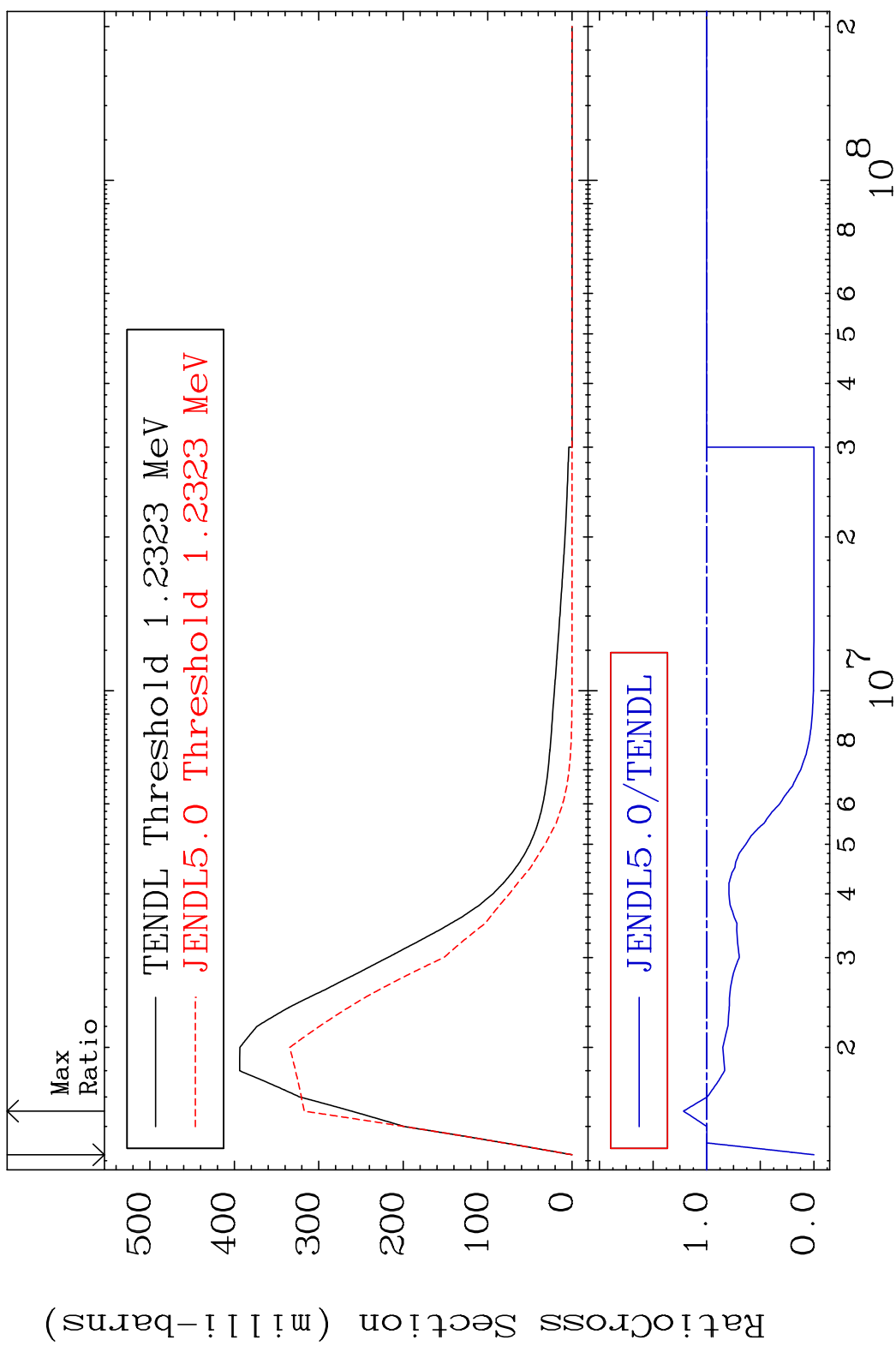


10 34-Se-76

MAT 3431 MT= 52 (n, n') Level 34-Se-76
 Cross Section -100.0 To 3.602 %

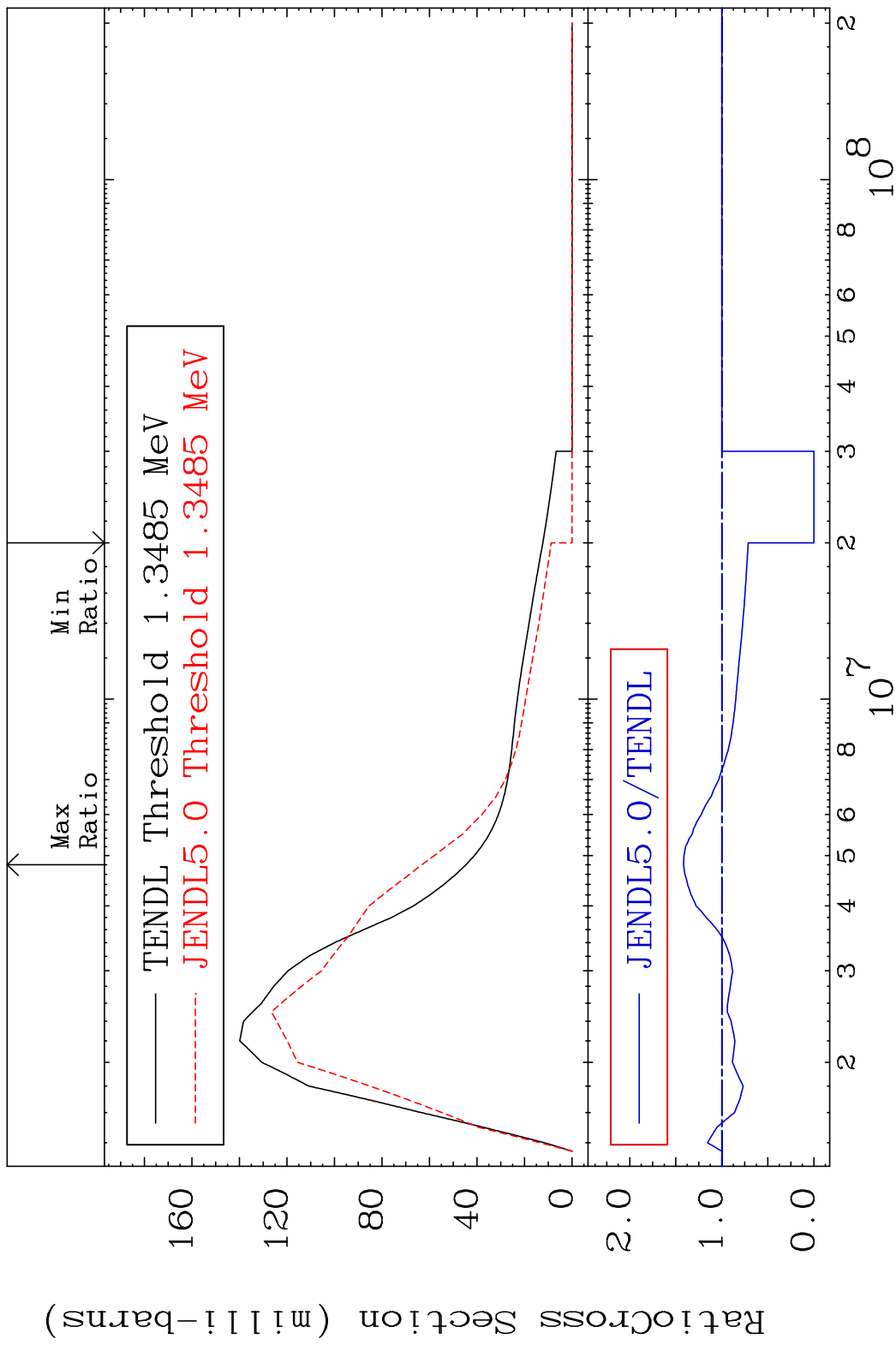


MAT 3431 MT= 53 (n, n') Level 34-Se-76
 Cross Section -100.0 To 21.62 %

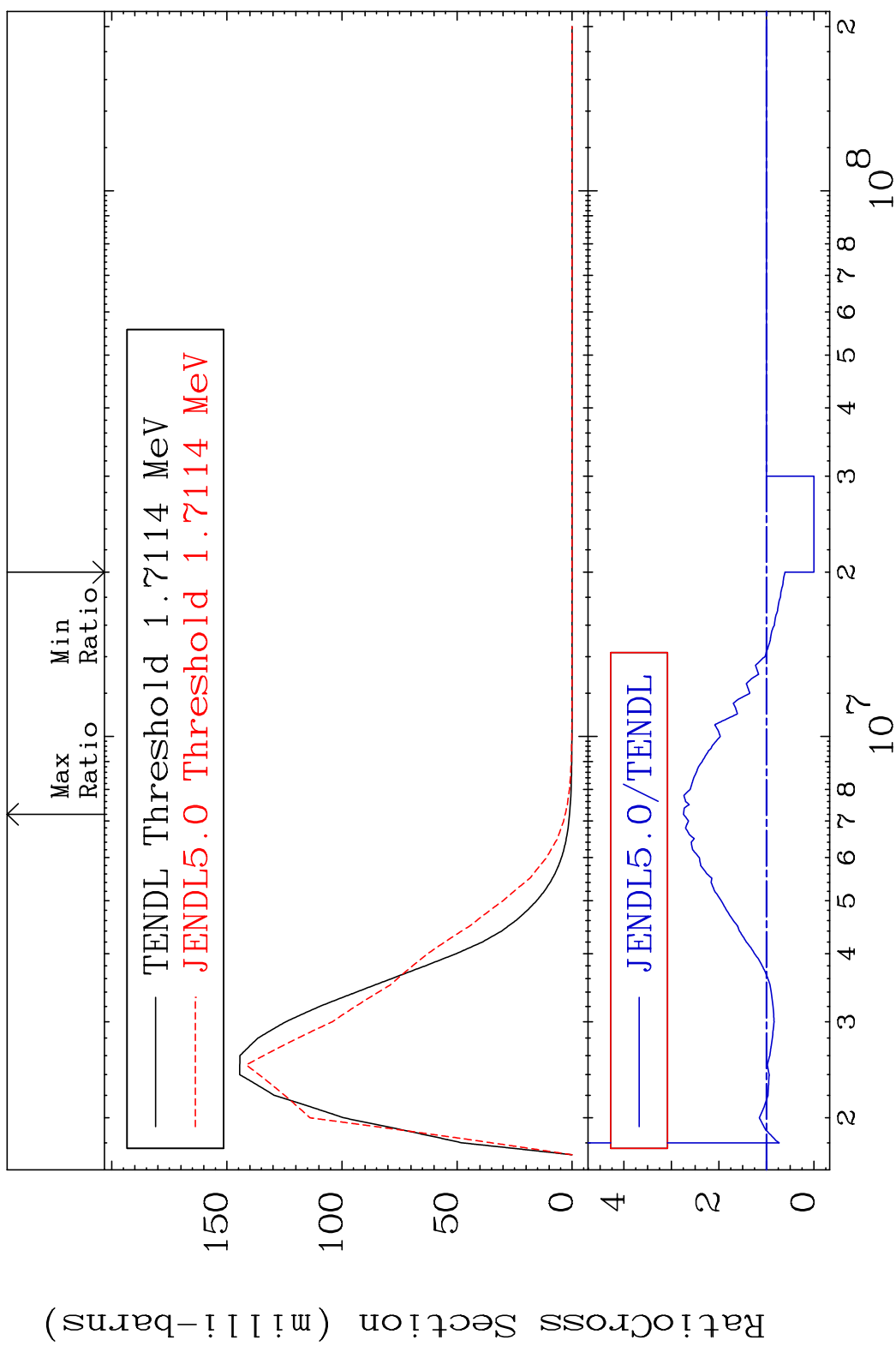


12 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 54 (n, n') Level 34-Se-76
 Cross Section -100.0 To 41.62 %

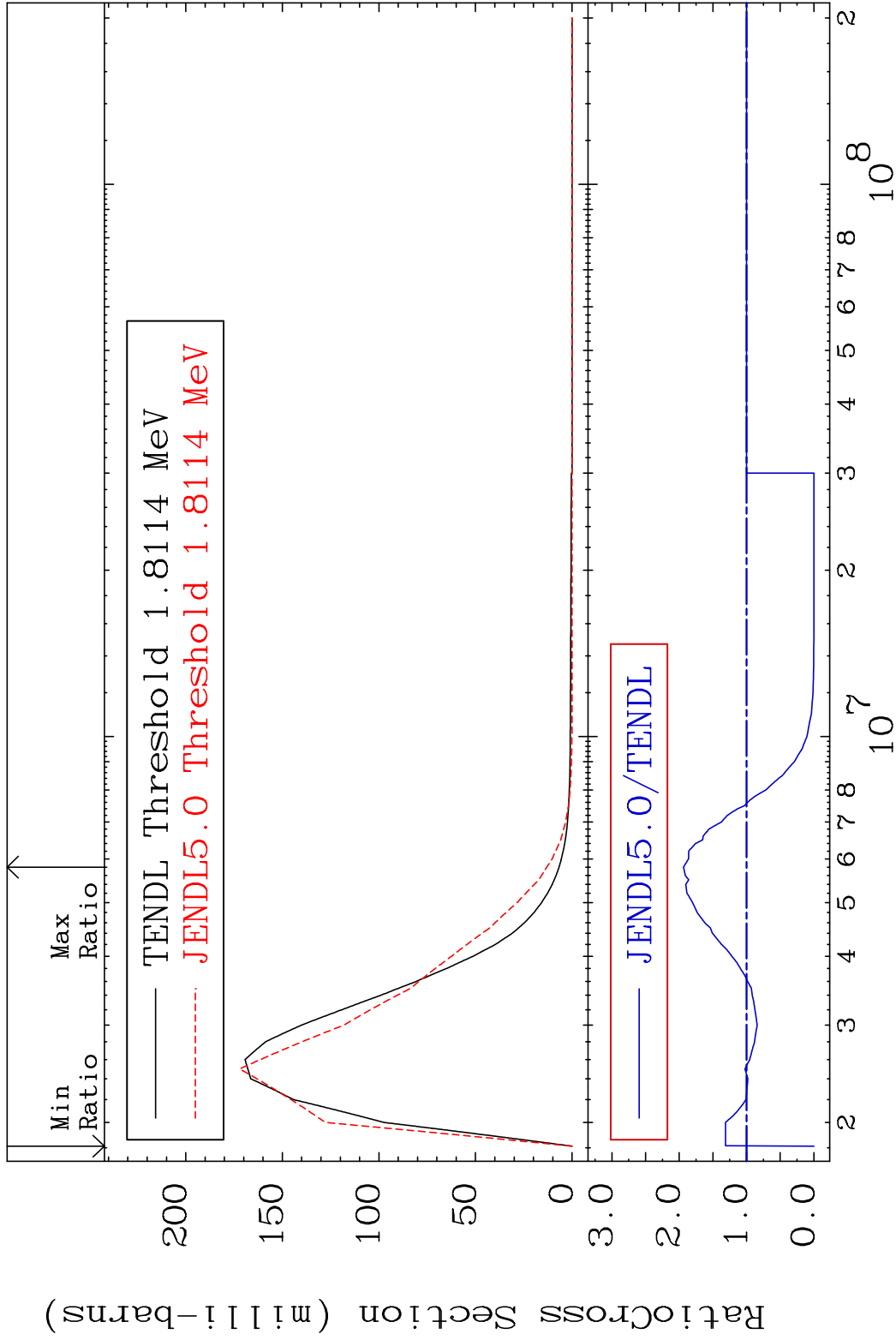


MAT 3431 MT= 55 (n, n') Level 34-Se-76
 Cross Section -100.0 To 174.5 %



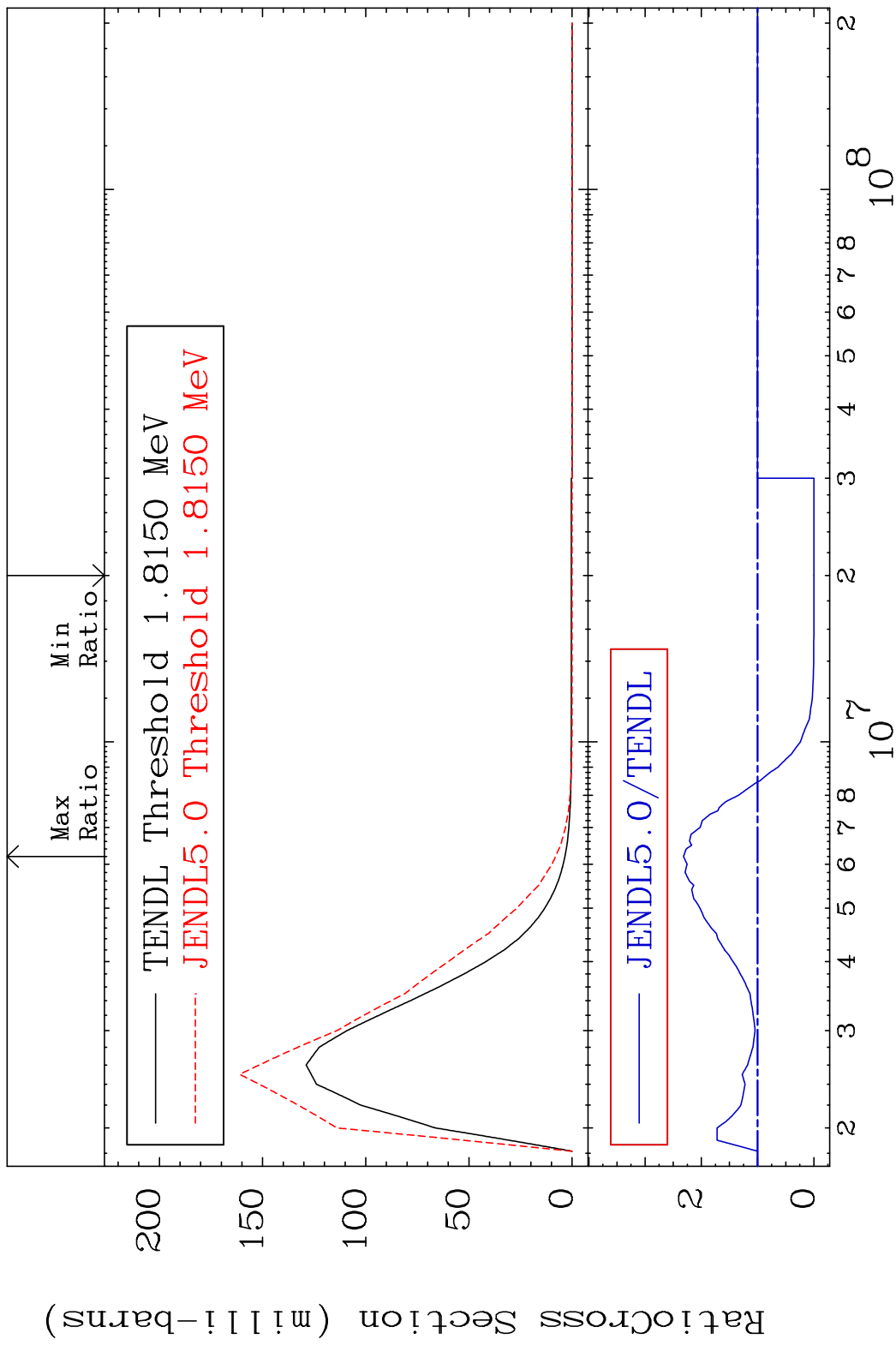
14 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 56 (n, n') Level 34-Se-76
 Cross Section -100.0 To 93.73 %



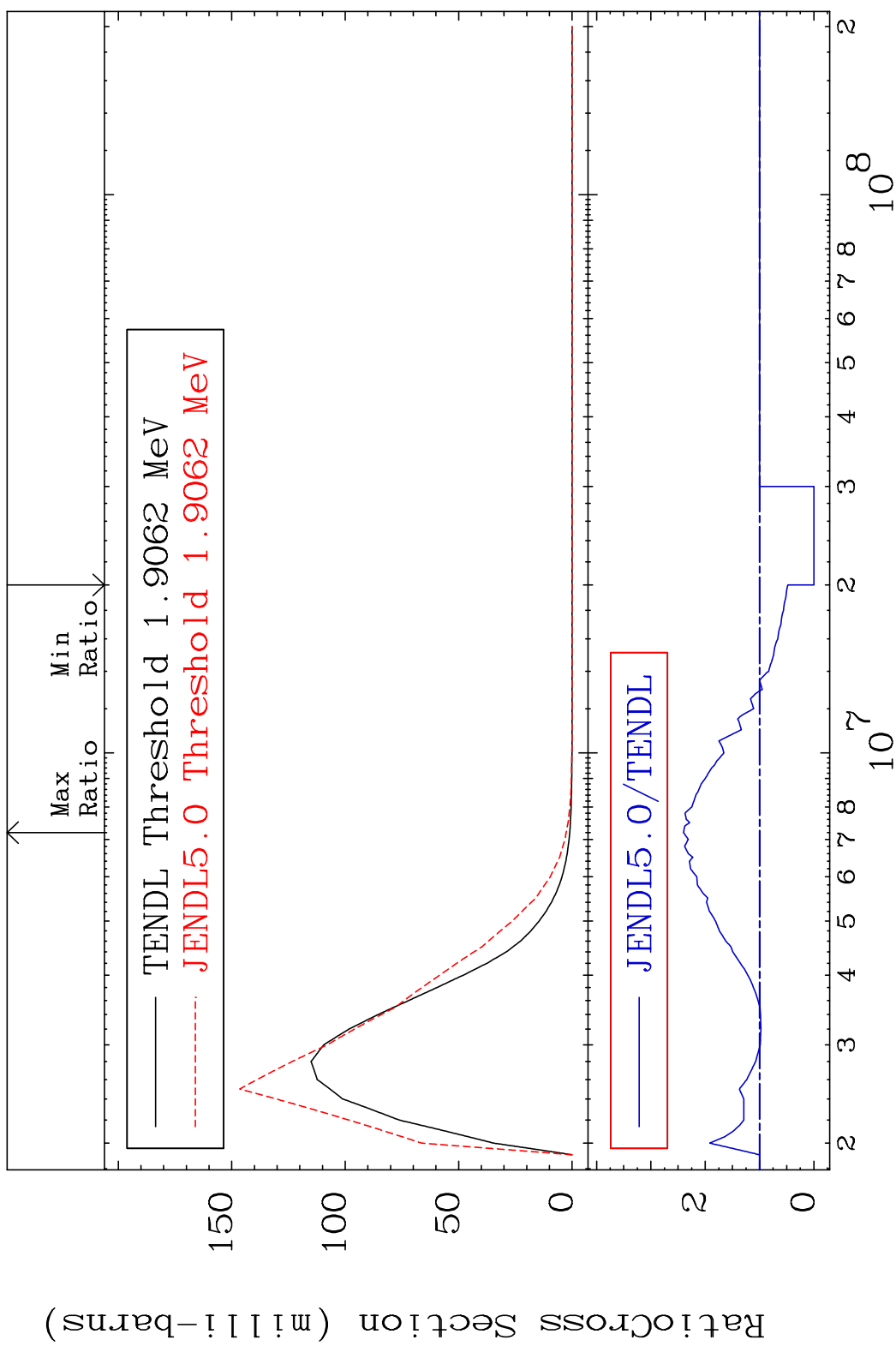
15 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 57 (n, n') Level 34-Se-76
 Cross Section -100.0 To 131.8 %



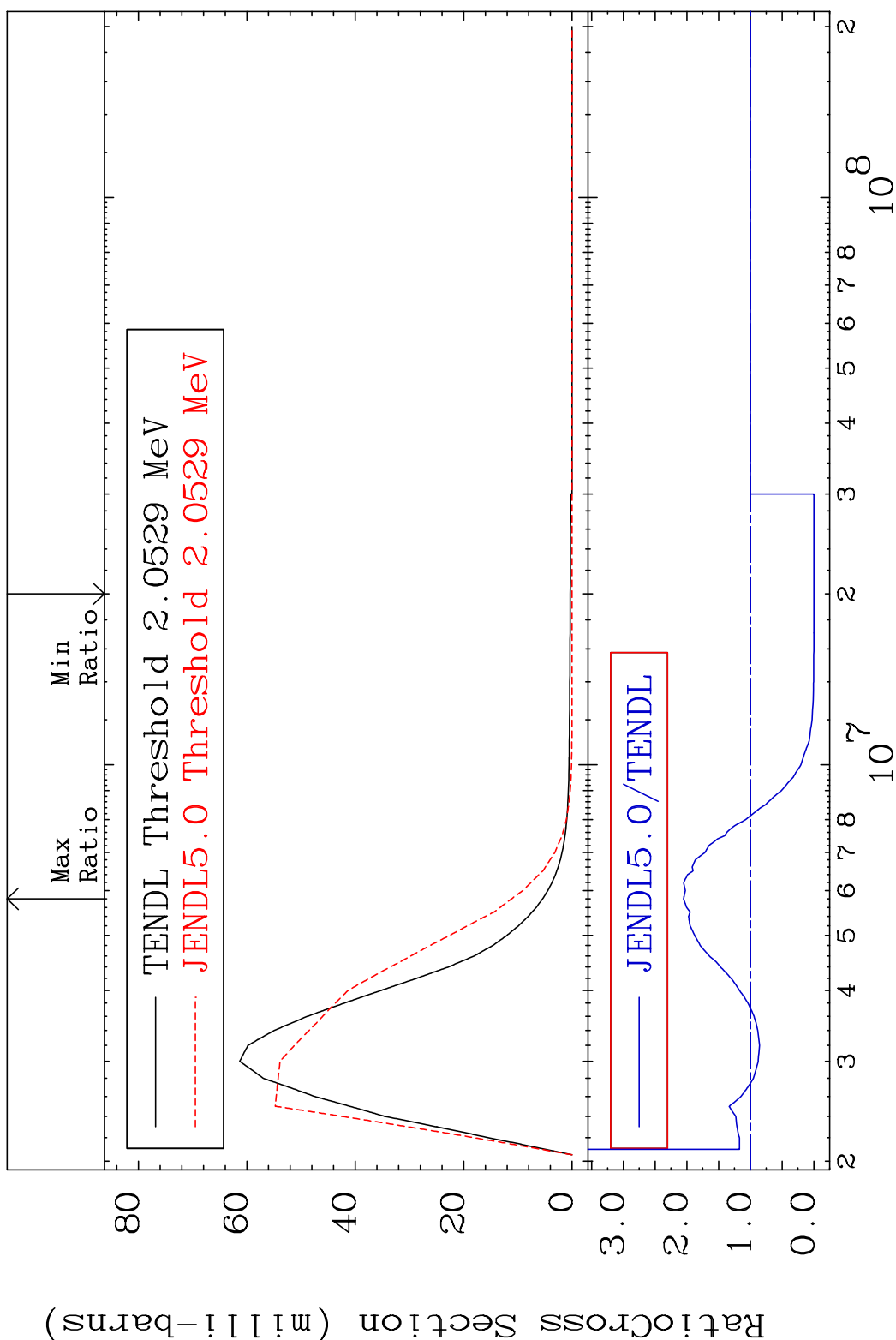
16 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 58 (n, n') Level 34-Se-76
 Cross Section -100.0 To 140.1 %



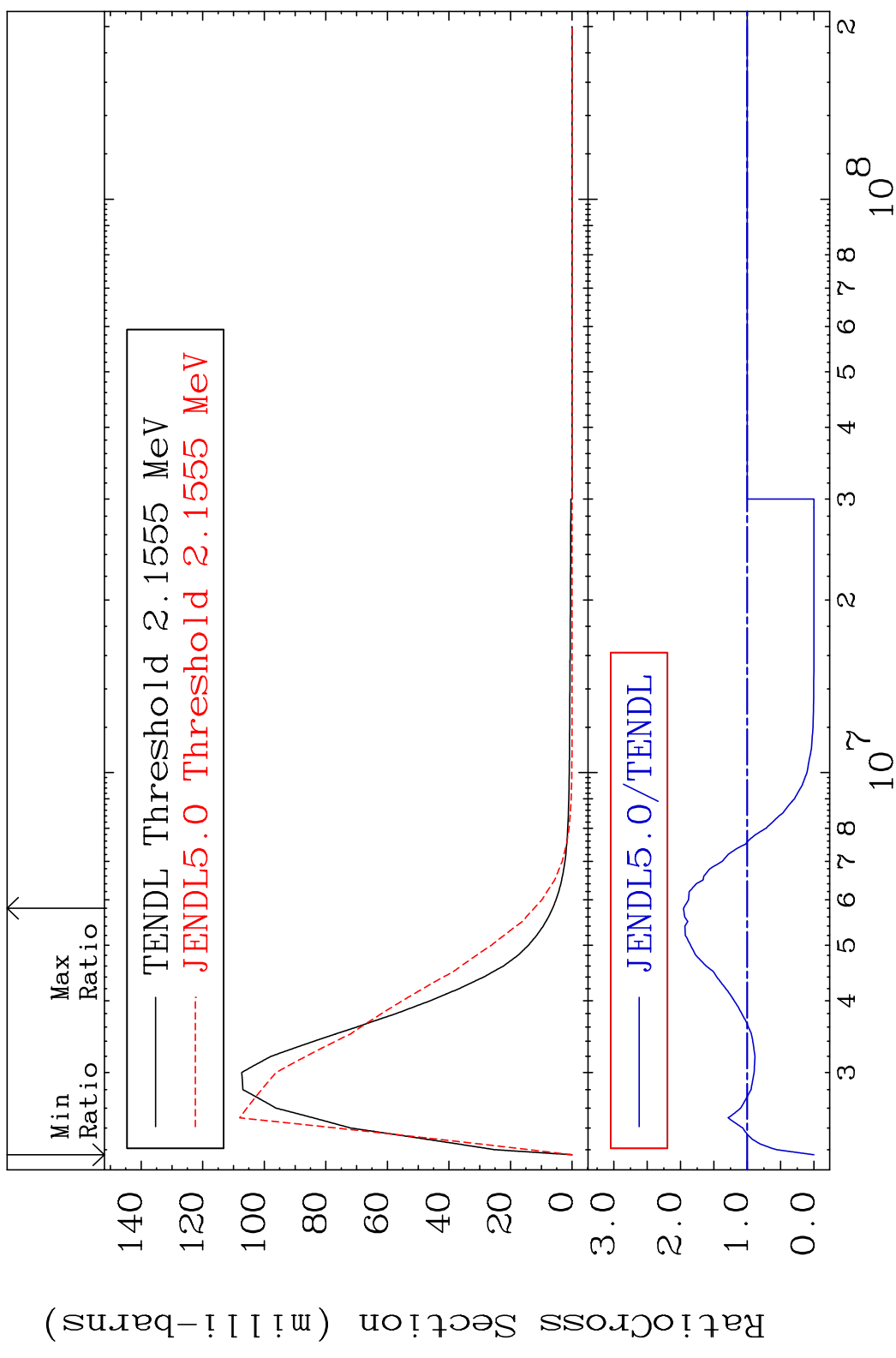
17 34-Se-76

MAT 3431 MT= 59 (n, n') Level 34-Se-76
 Cross Section -100.0 To 105.4 %

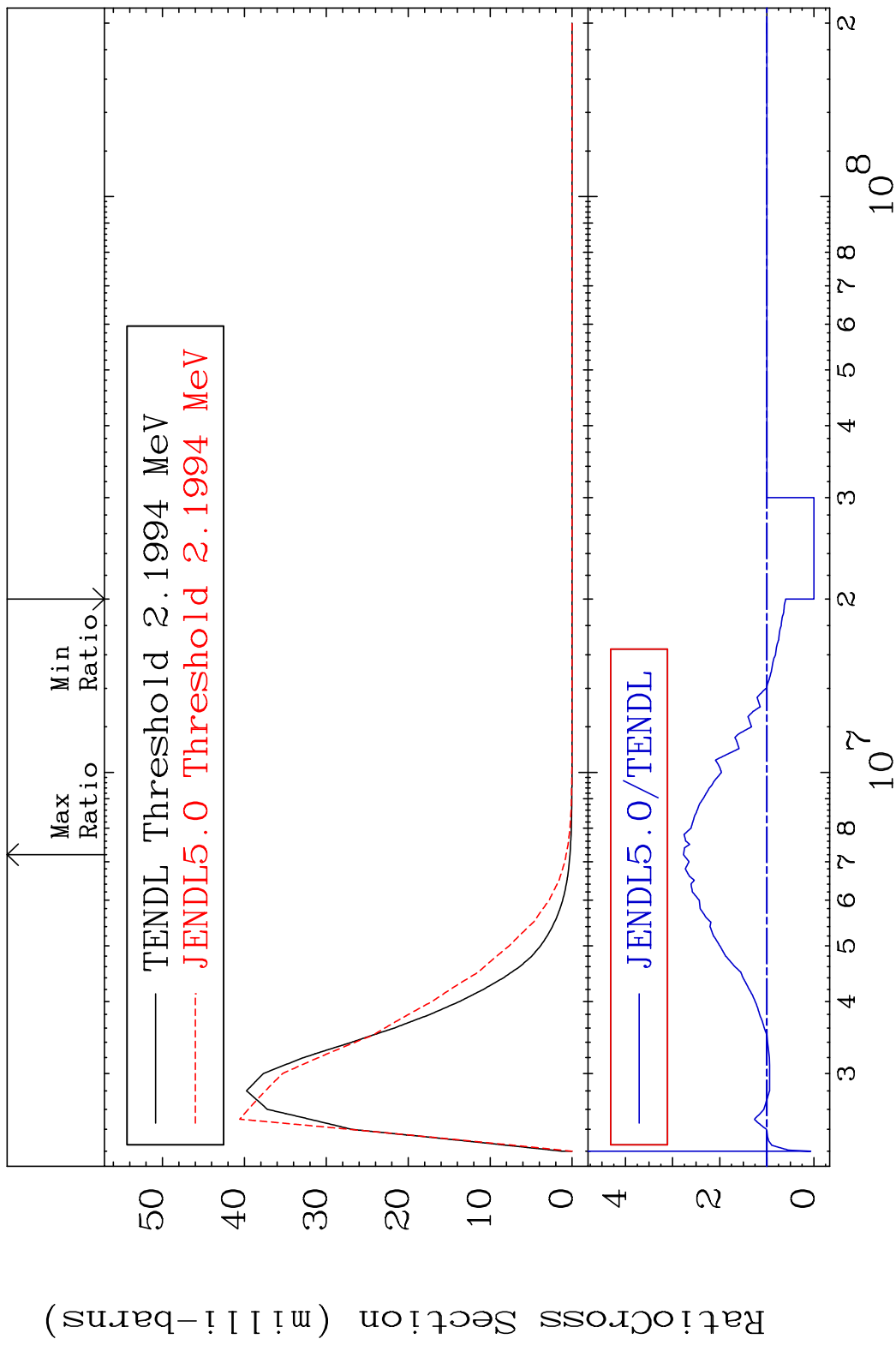


18 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 60 (n, n') Level 34-Se-76
 Cross Section -100.0 To 95.61 %

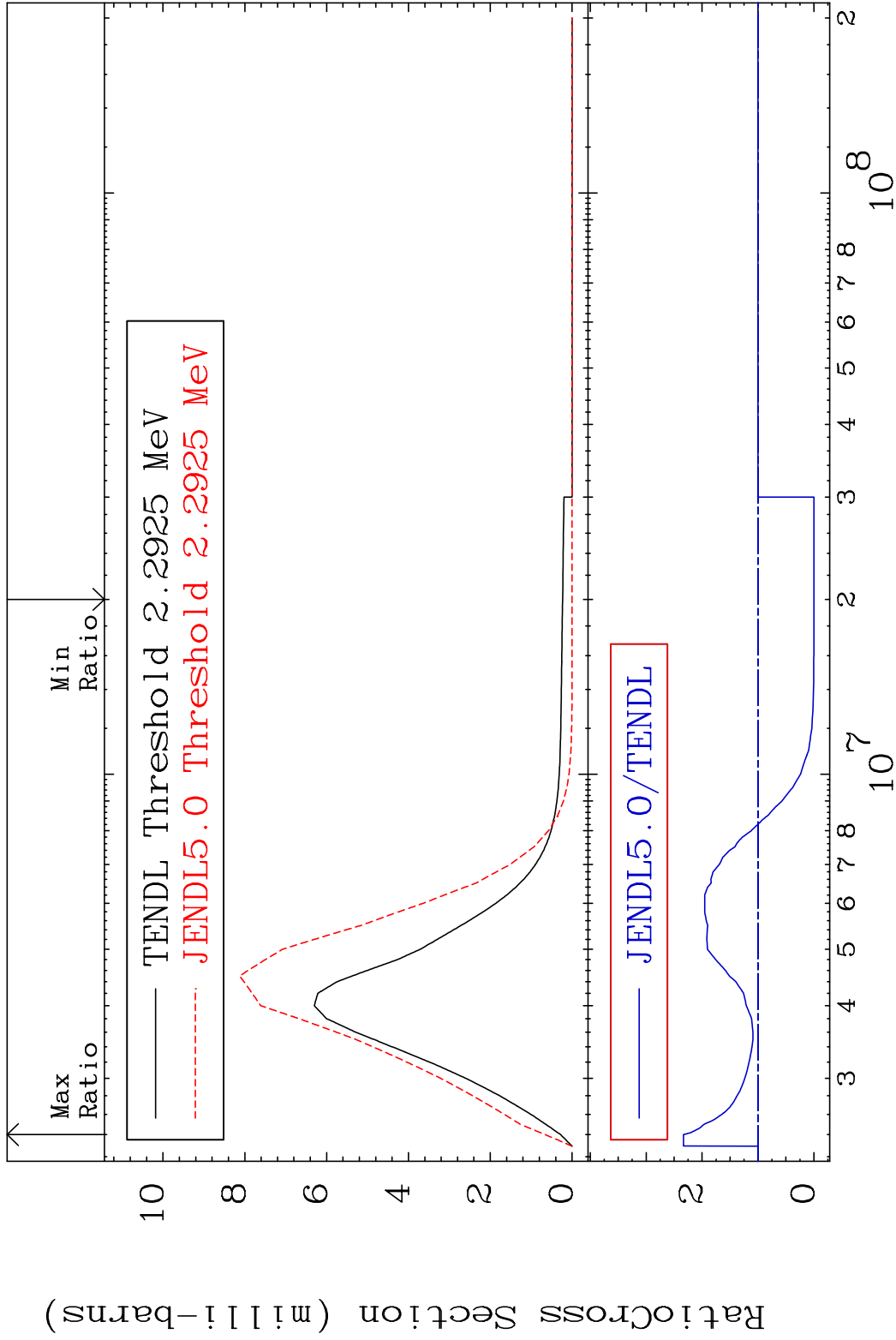


MAT 3431 MT= 61 (n, n') Level 34-Se-76
 Cross Section -100.0 To 177.0 %



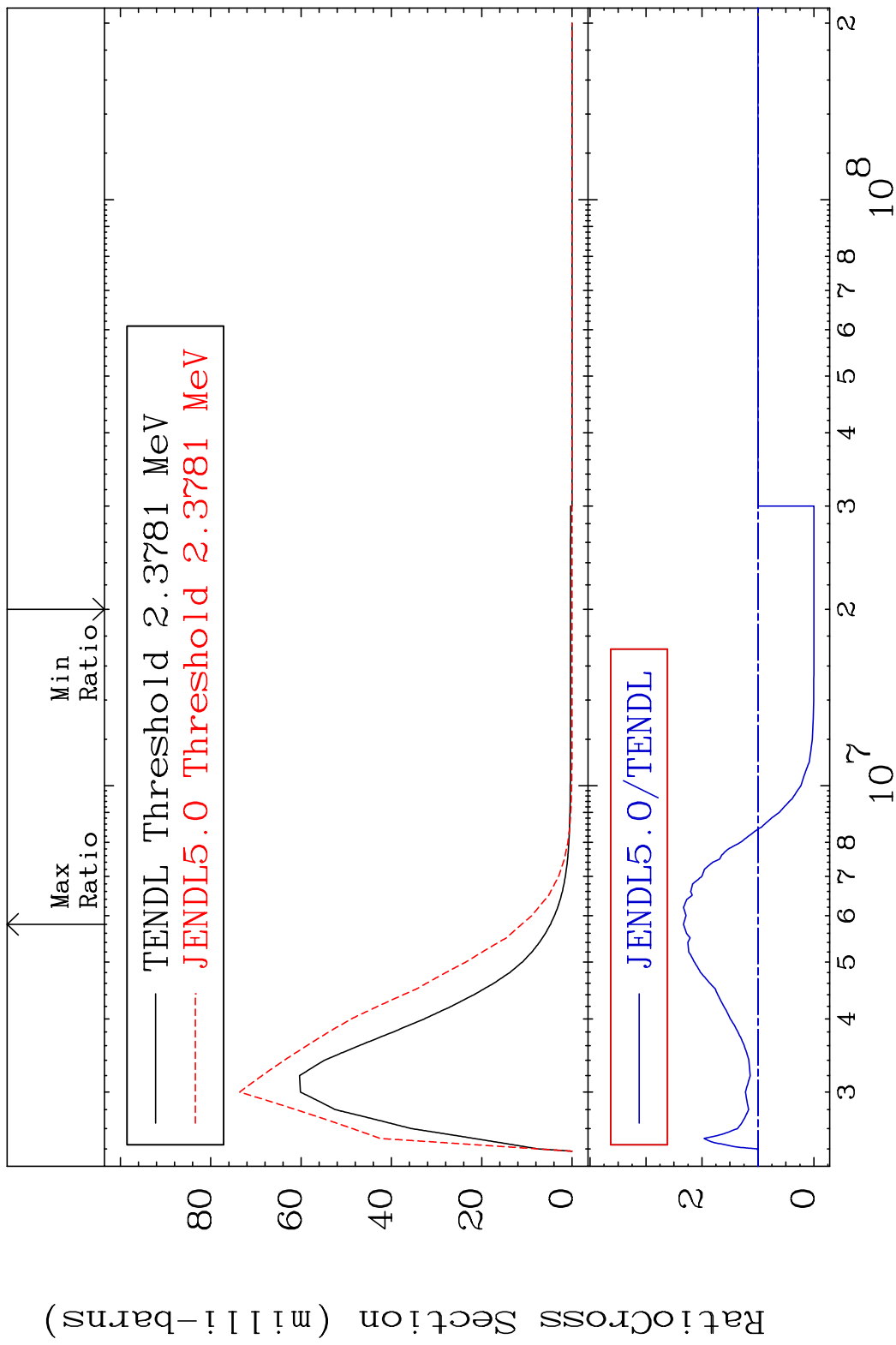
20

MAT 3431 MT= 62 (n, n') Level 34-Se-76
 Cross Section -100.0 To 133.3 %



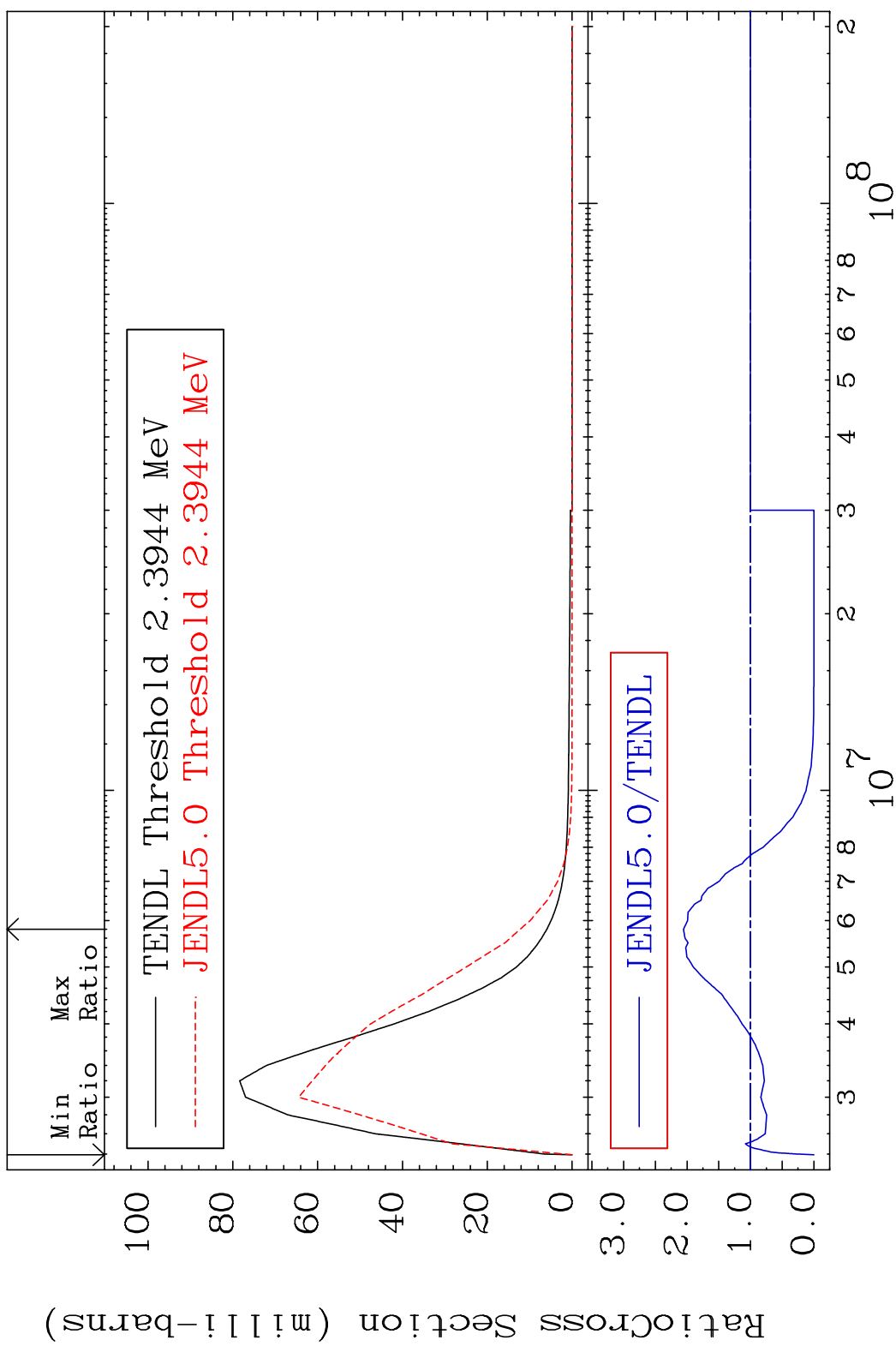
21 34-Se-76

MAT 3431 MT= 63 (n, n') Level 34-Se-76
 Cross Section -100.0 To 133.1 %

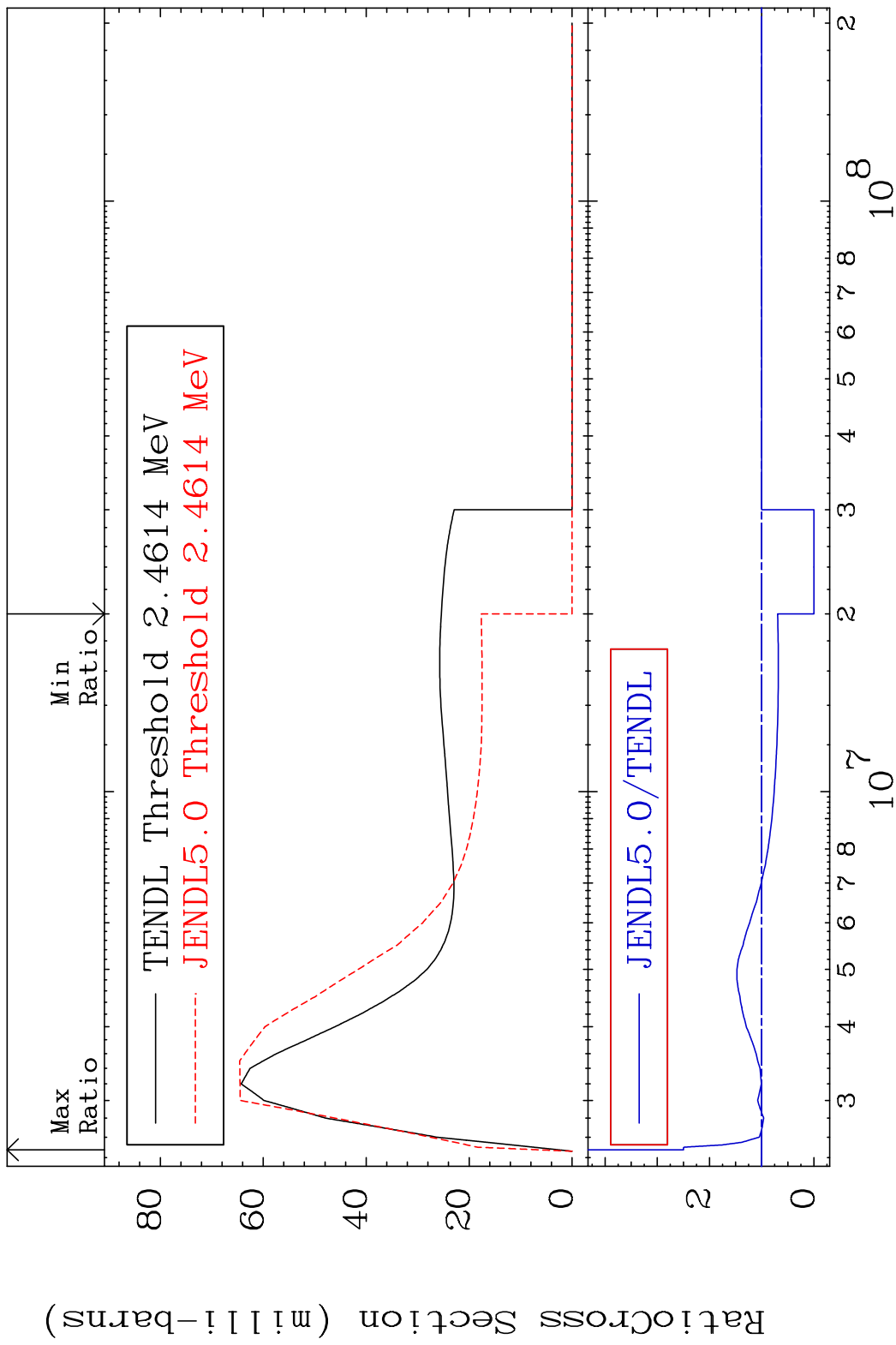


22 34-Se-76

MAT 3431 MT= 64 (n, n') Level 34-Se-76
 Cross Section -100.0 To 105.6 %

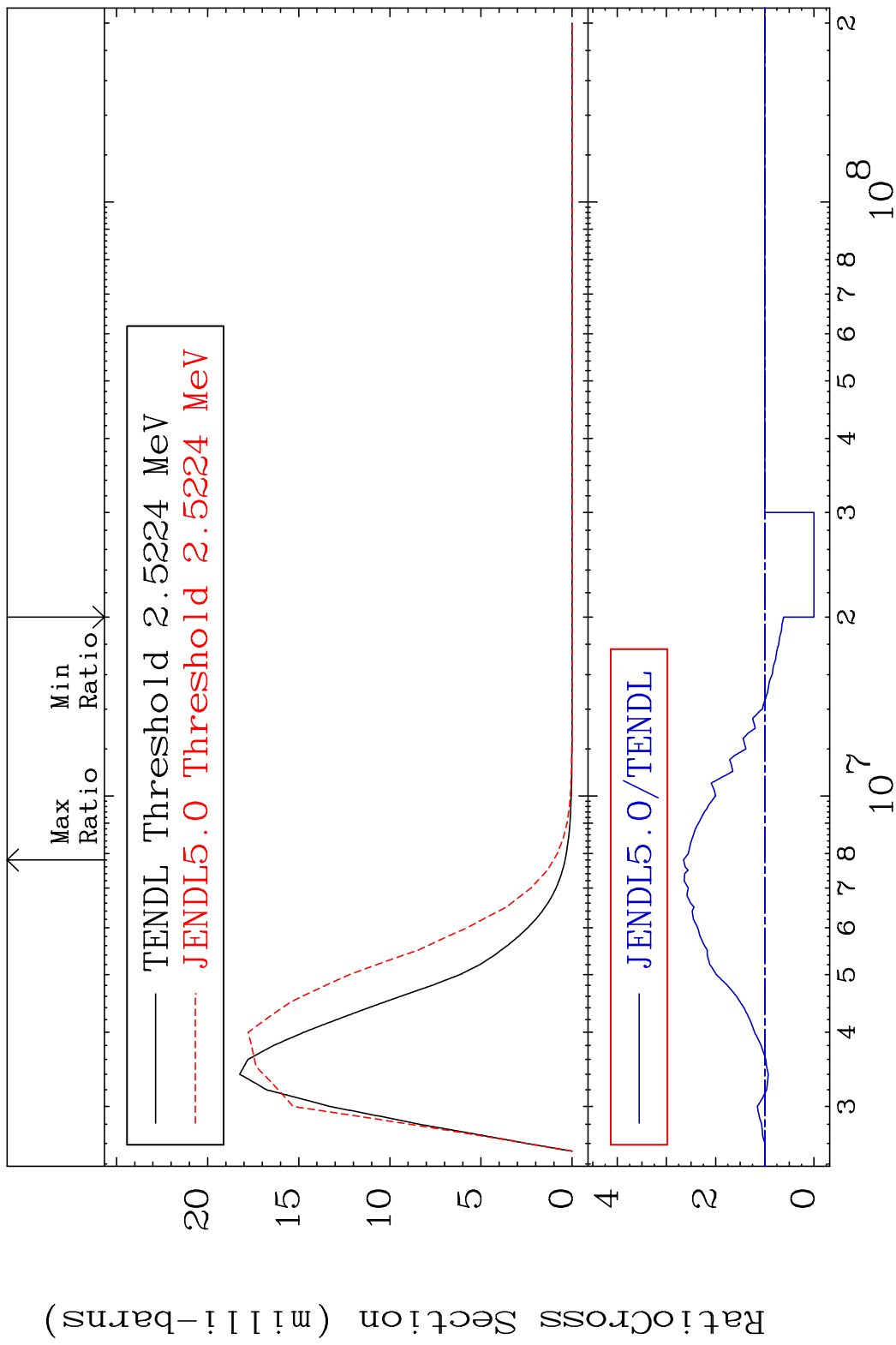


MAT 3431 MT= 65 (n, n') Level 34-Se-76
 Cross Section -100.0 To 149.8 %



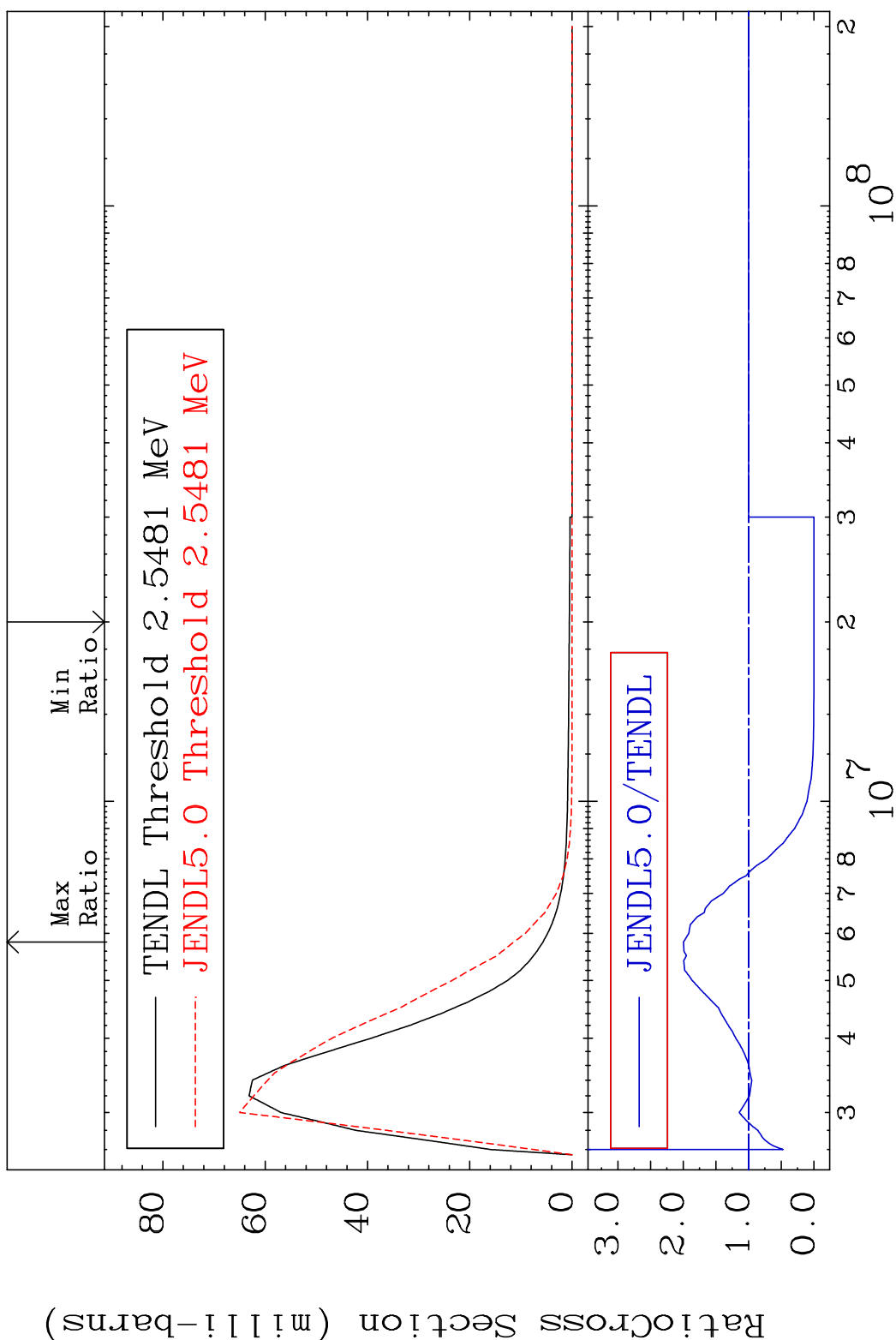
24 34-Se-76

MAT 3431 MT= 66 (n, n') Level 34-Se-76
 Cross Section -100.0 To 165.4 %



25 34-Se-76

MAT 3431 MT= 67 (n, n') Level 34-Se-76
 Cross Section -100.0 To 99.57 %

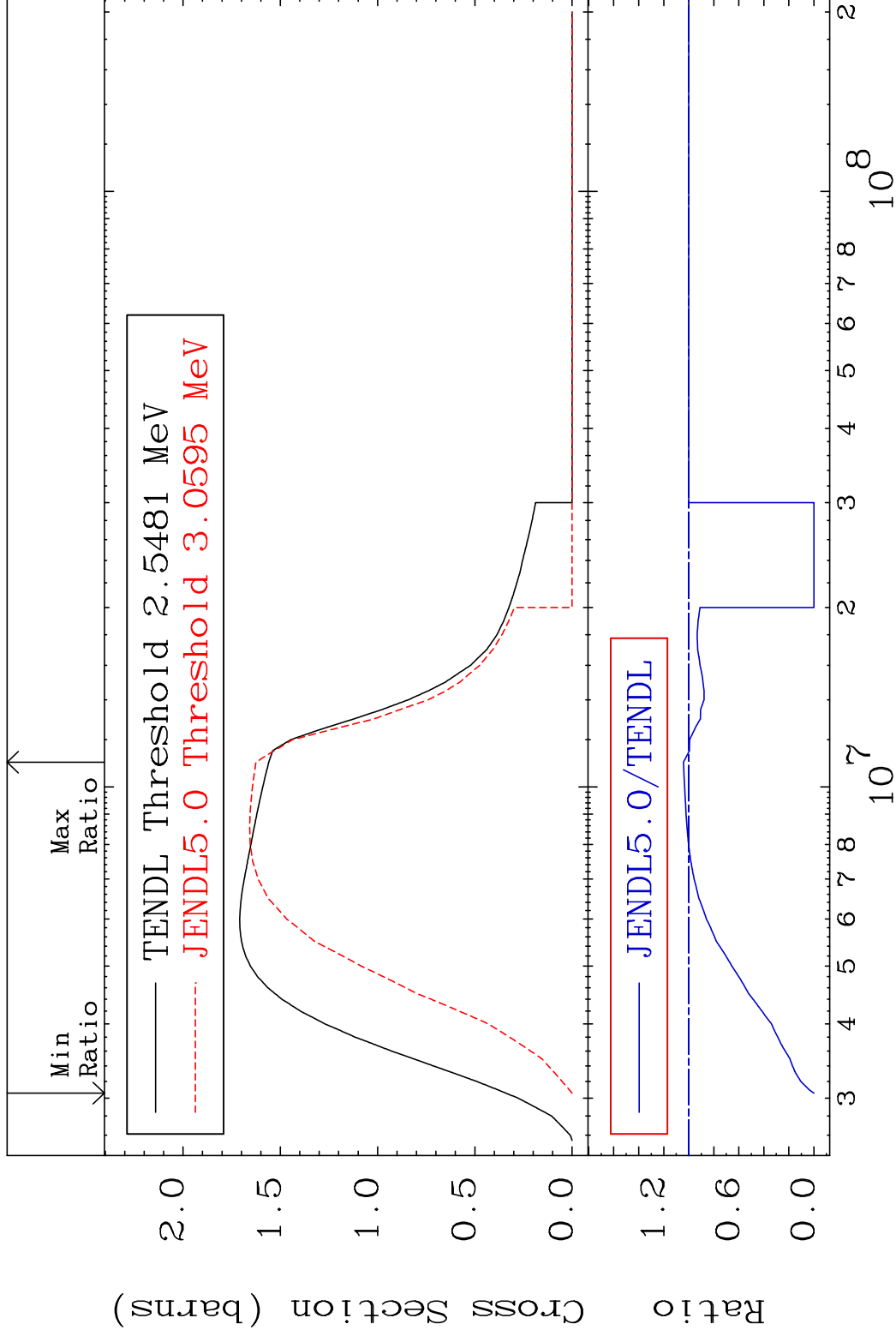


MAT 3431

(n,n') Continuum

34-Se-76

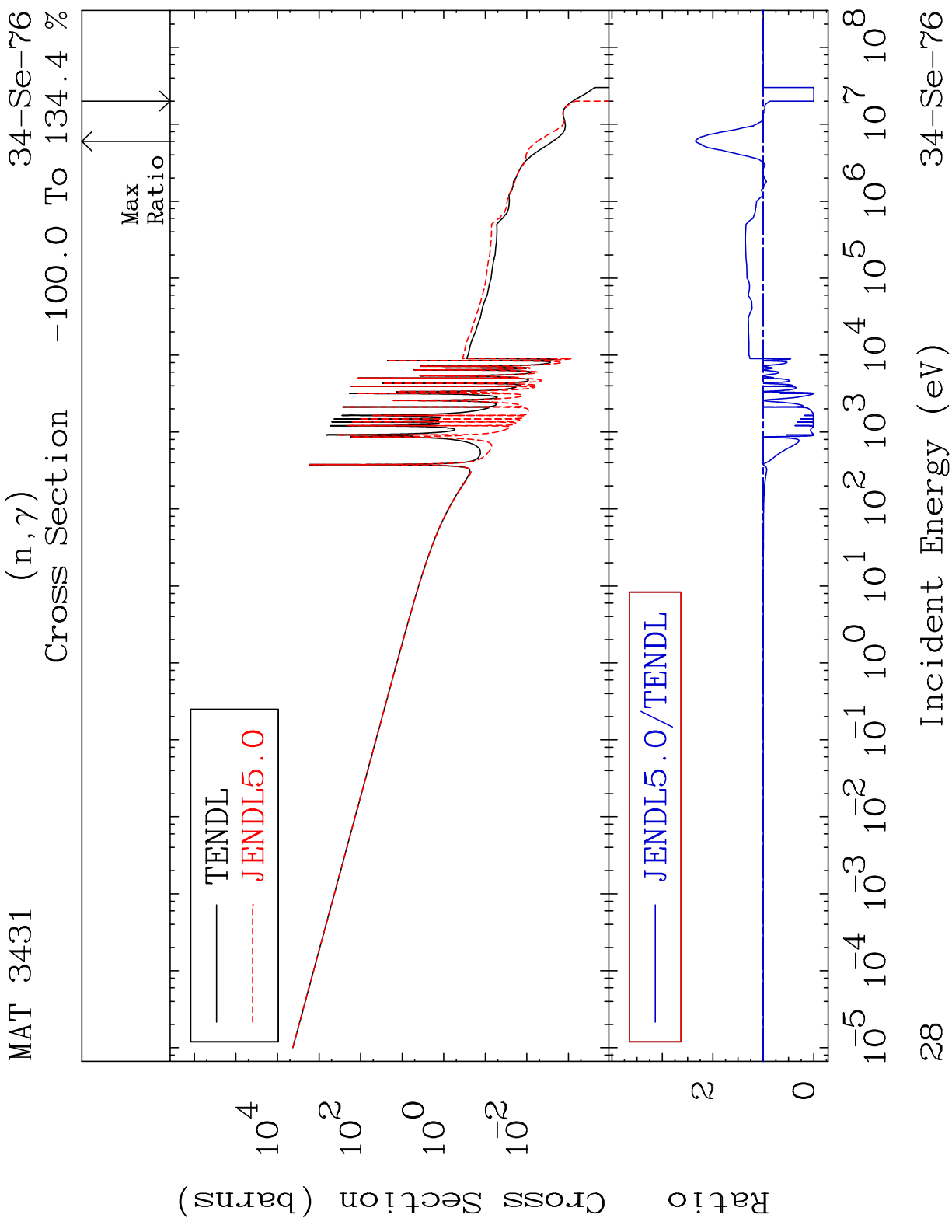
Cross Section -100.0 To 4.246 %



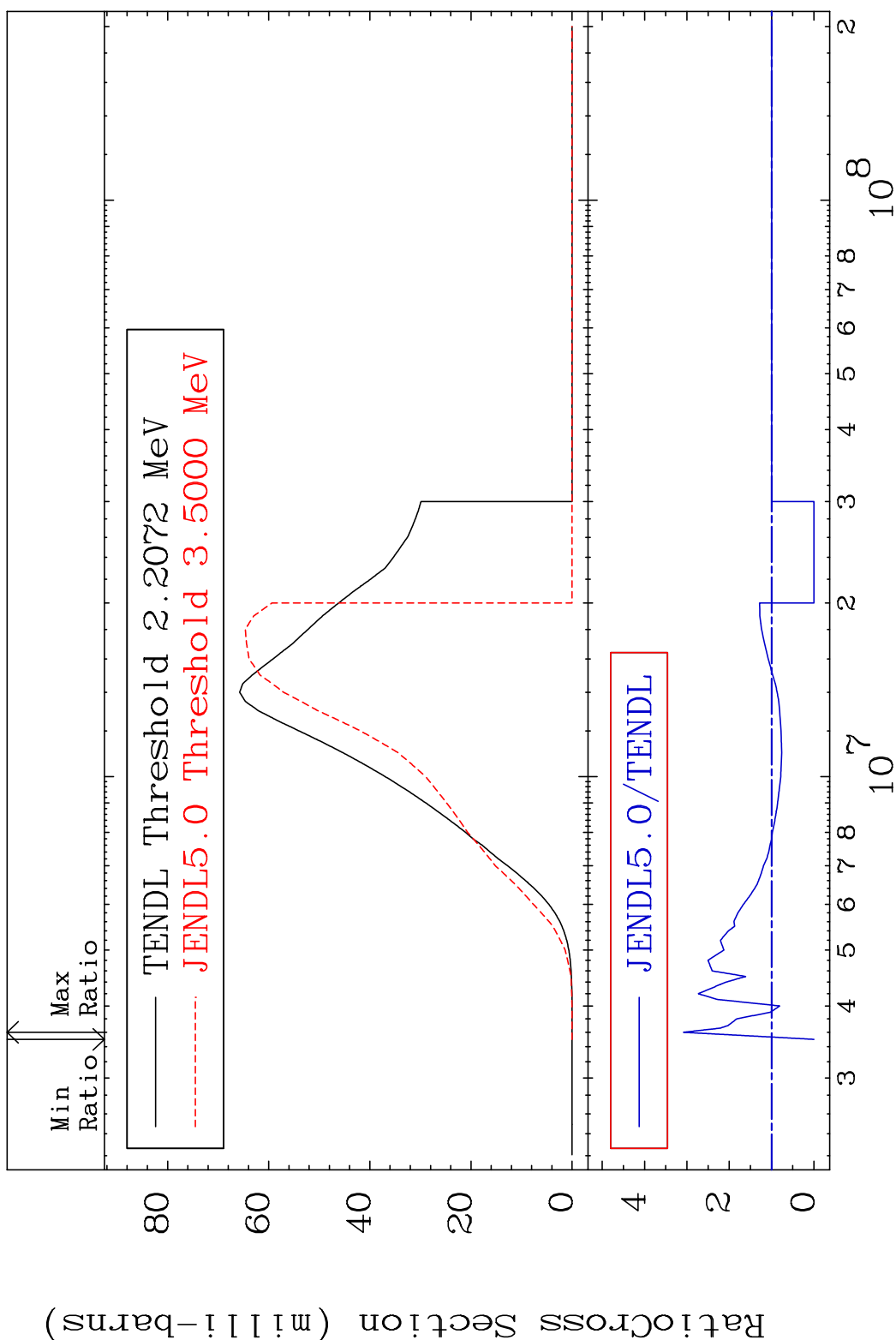
27

Incident Energy (eV)

34-Se-76

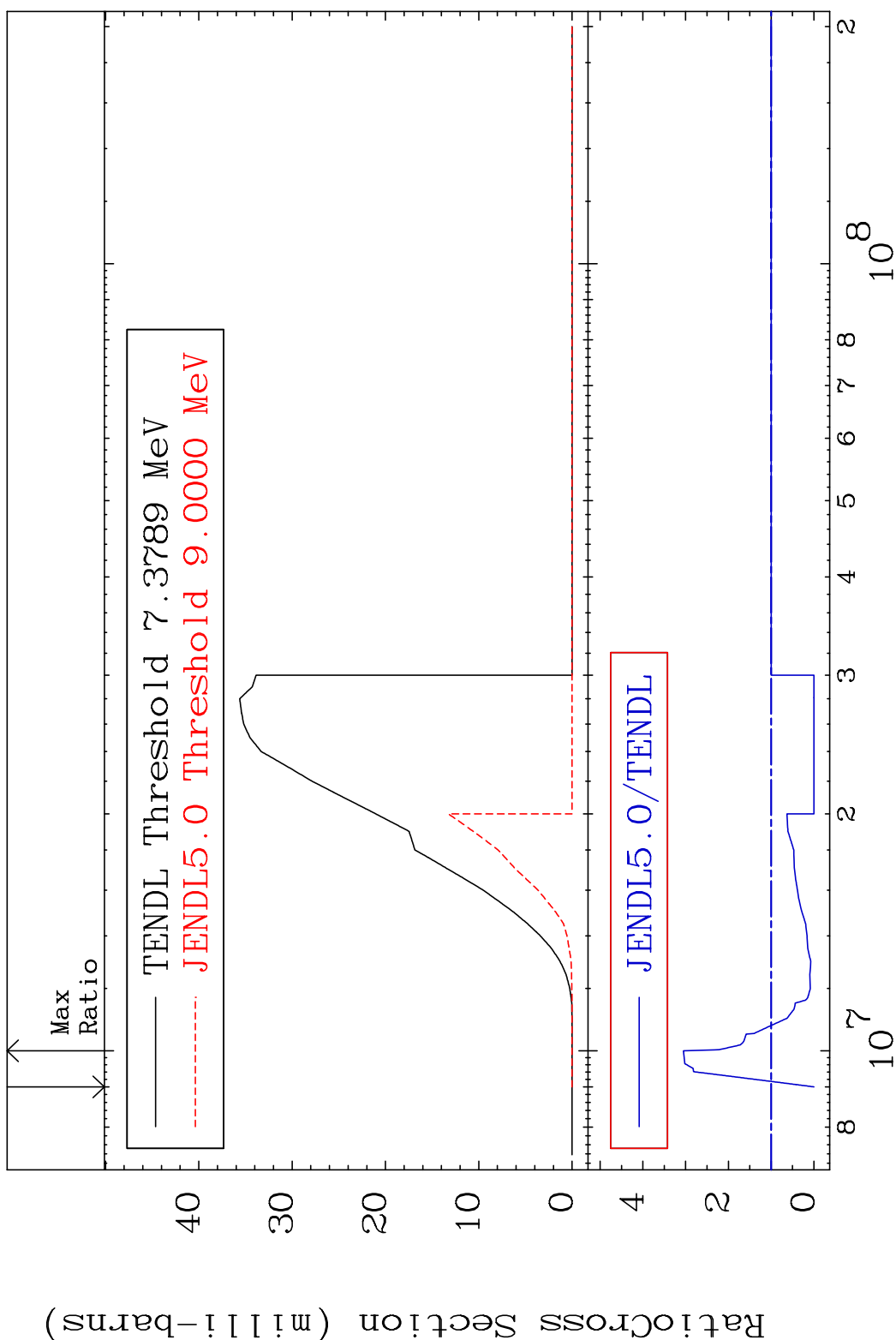


MAT 3431 (n,p) 34-Se-76
 Cross Section -100.0 To 208.2 %



29 34-Se-76

MAT 3431 (n, d) 34-Se-76
Cross Section -100.0 To 205.1 %



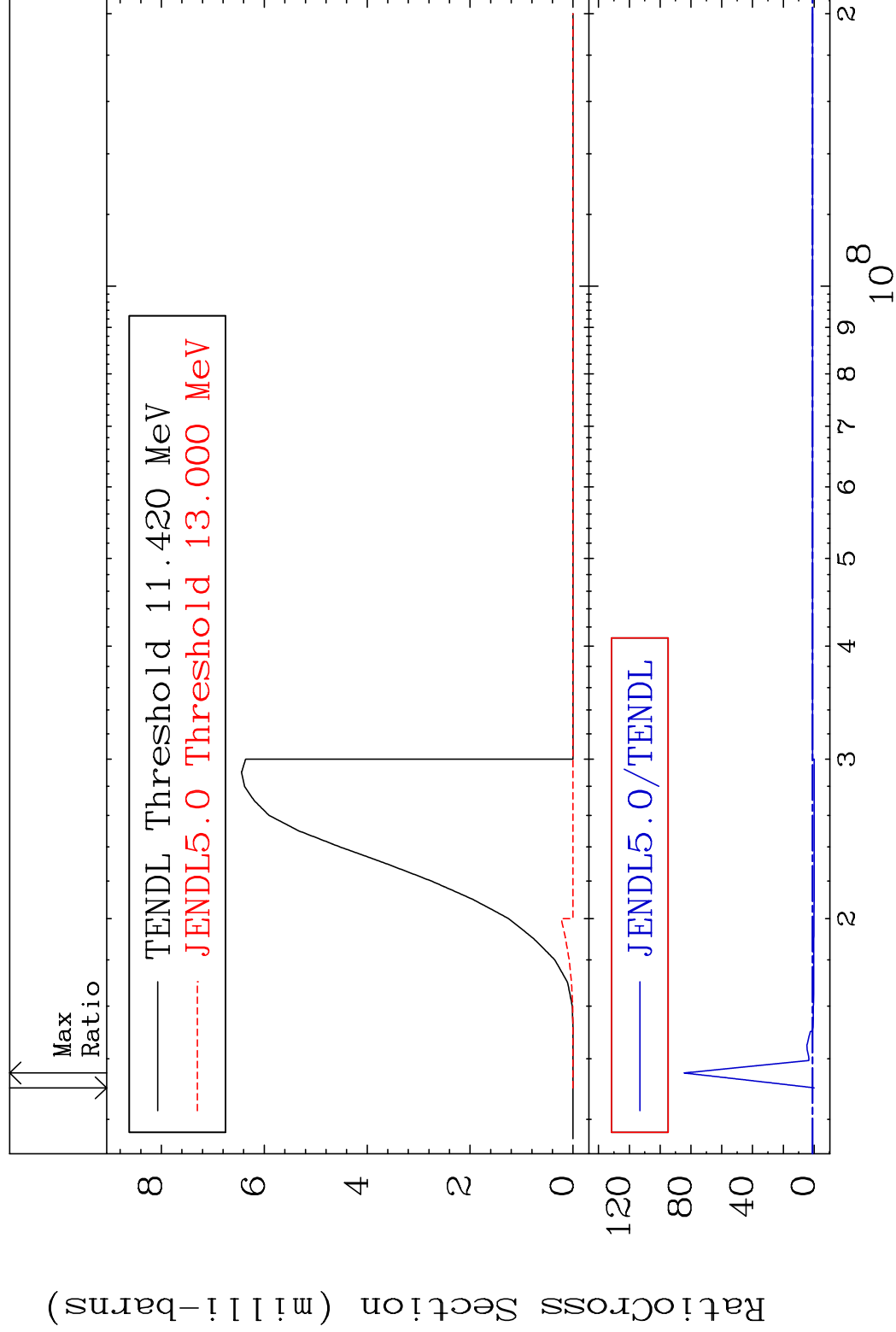
30 34-Se-76

MAT 3431

(n, t)

³⁴Se-76

Cross Section -100.0 To 8346. %



31

Incident Energy (eV)

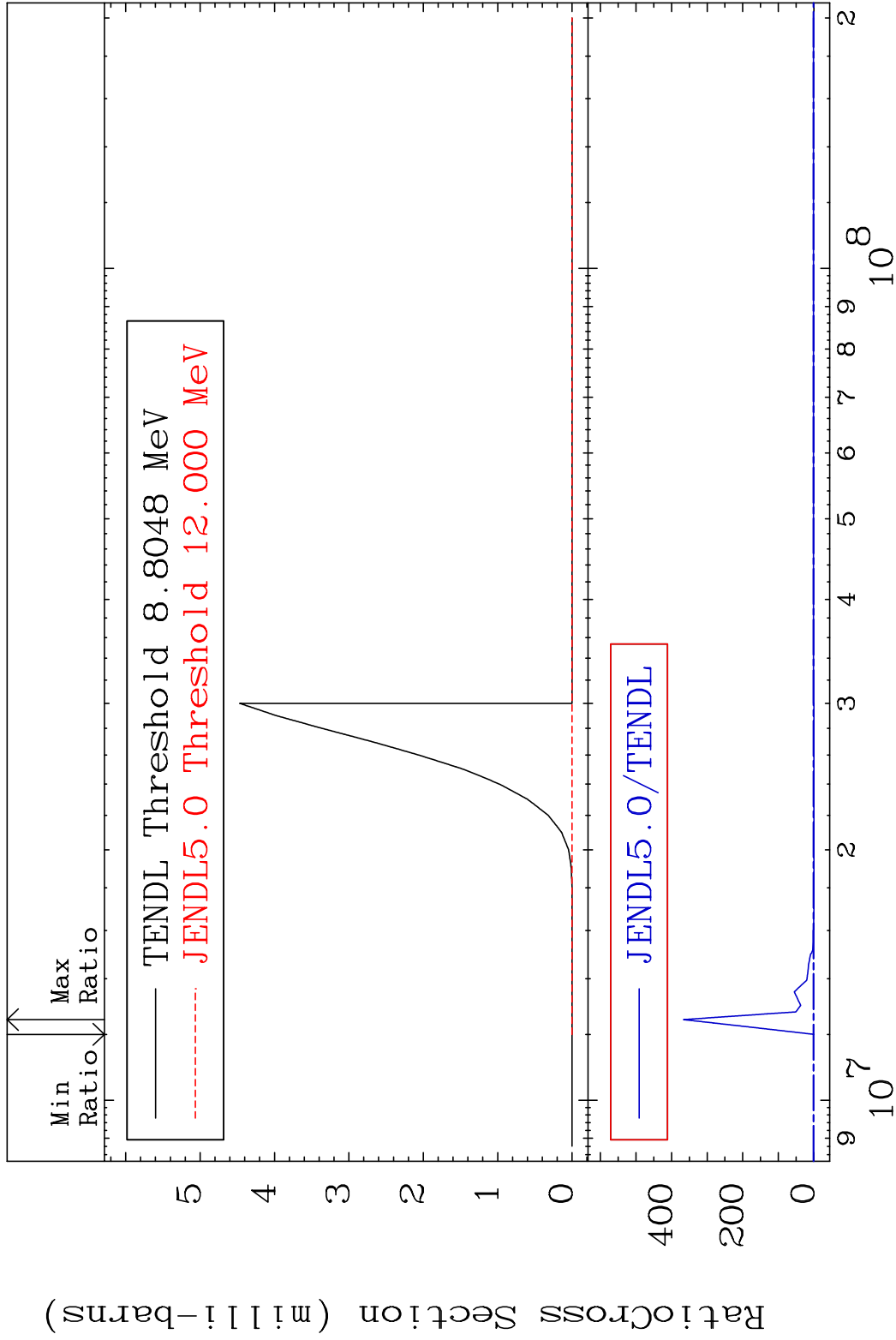
³⁴Se-76

MAT 3431

(n, He-3)

34-Se-76

Cross Section -100.0 To 9999. %



32

Incident Energy (eV)

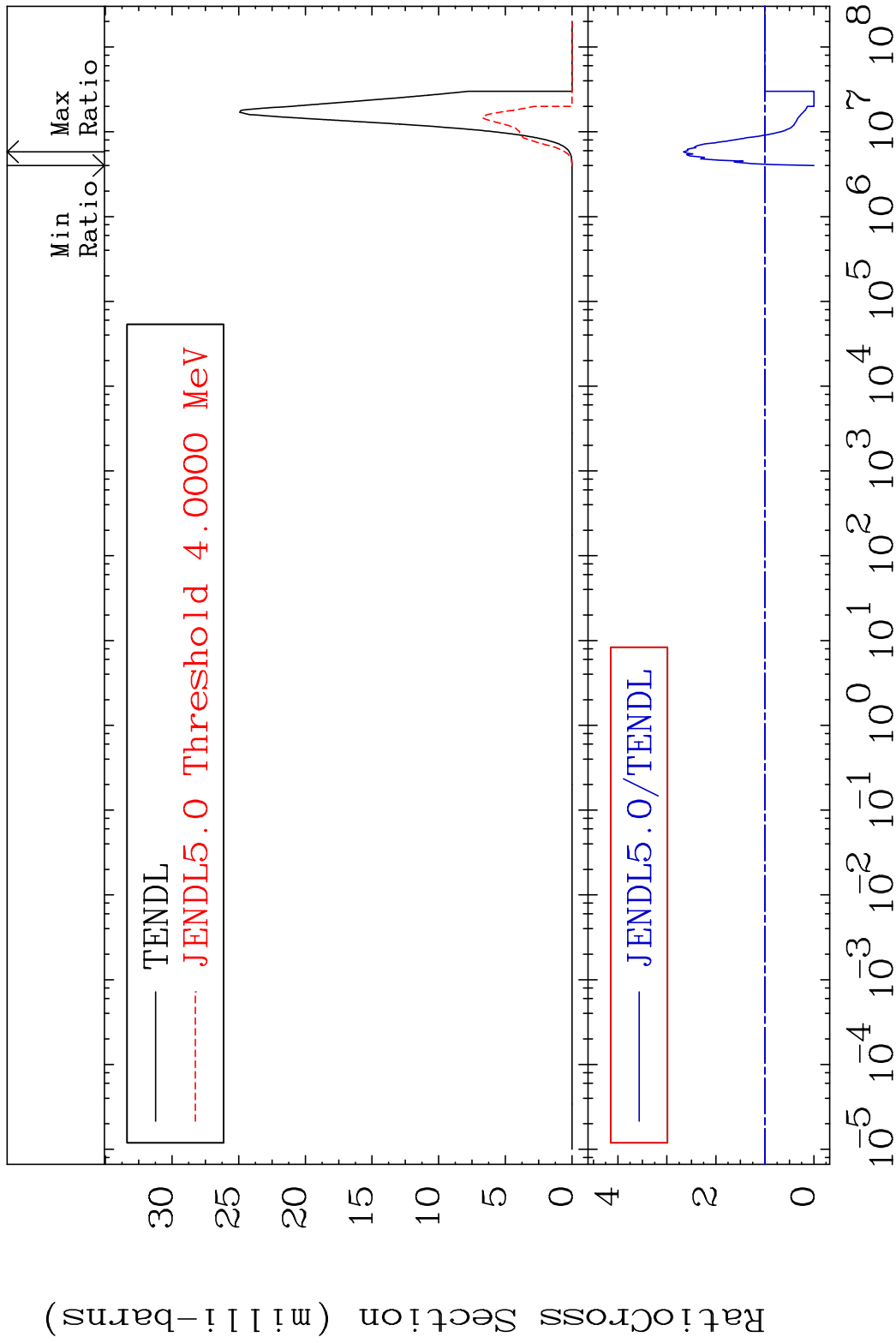
34-Se-76

MAT 3431

(n, α)

³⁴Se-76

Cross Section -100.0 To 166.2 %

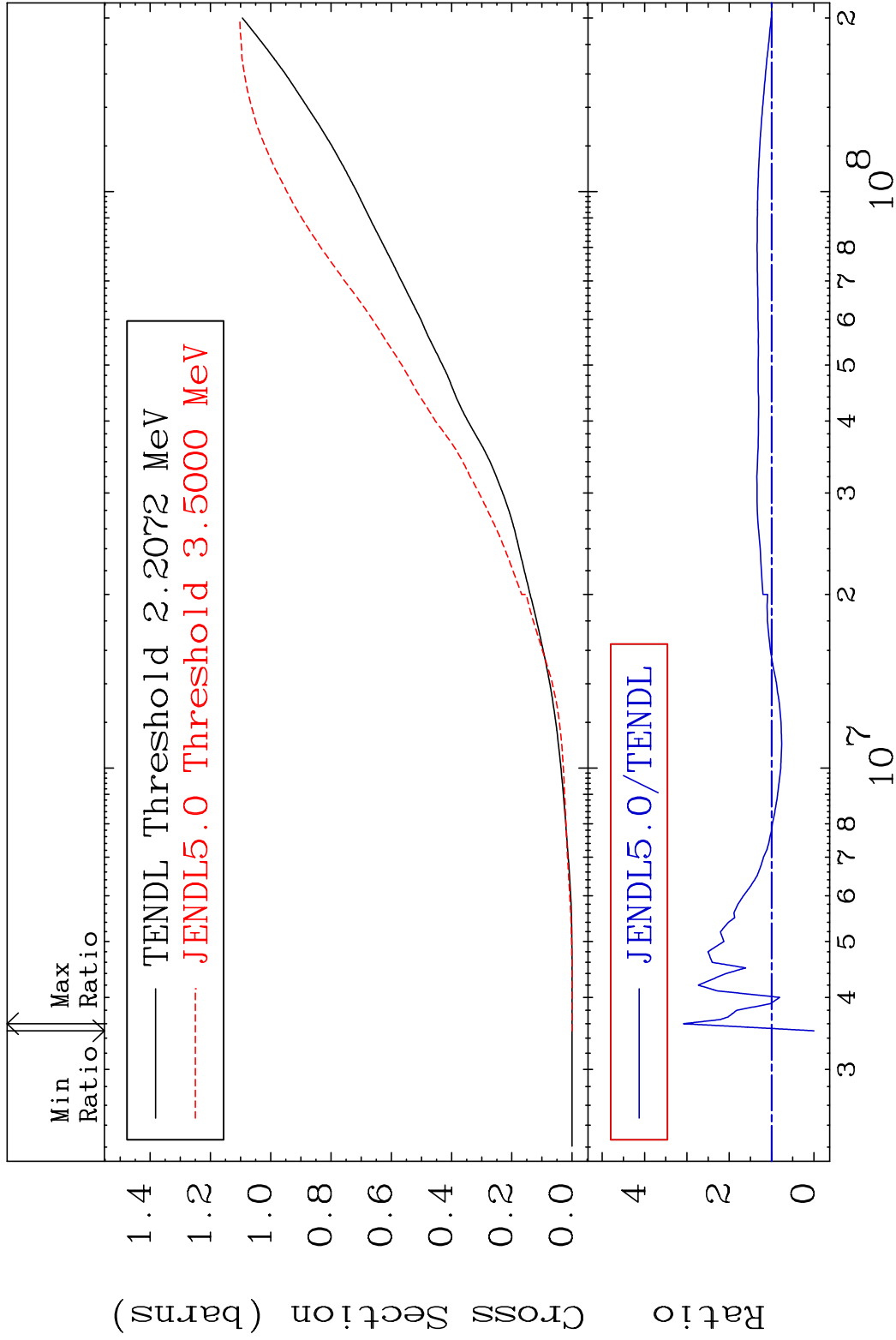


33

Incident Energy (eV)

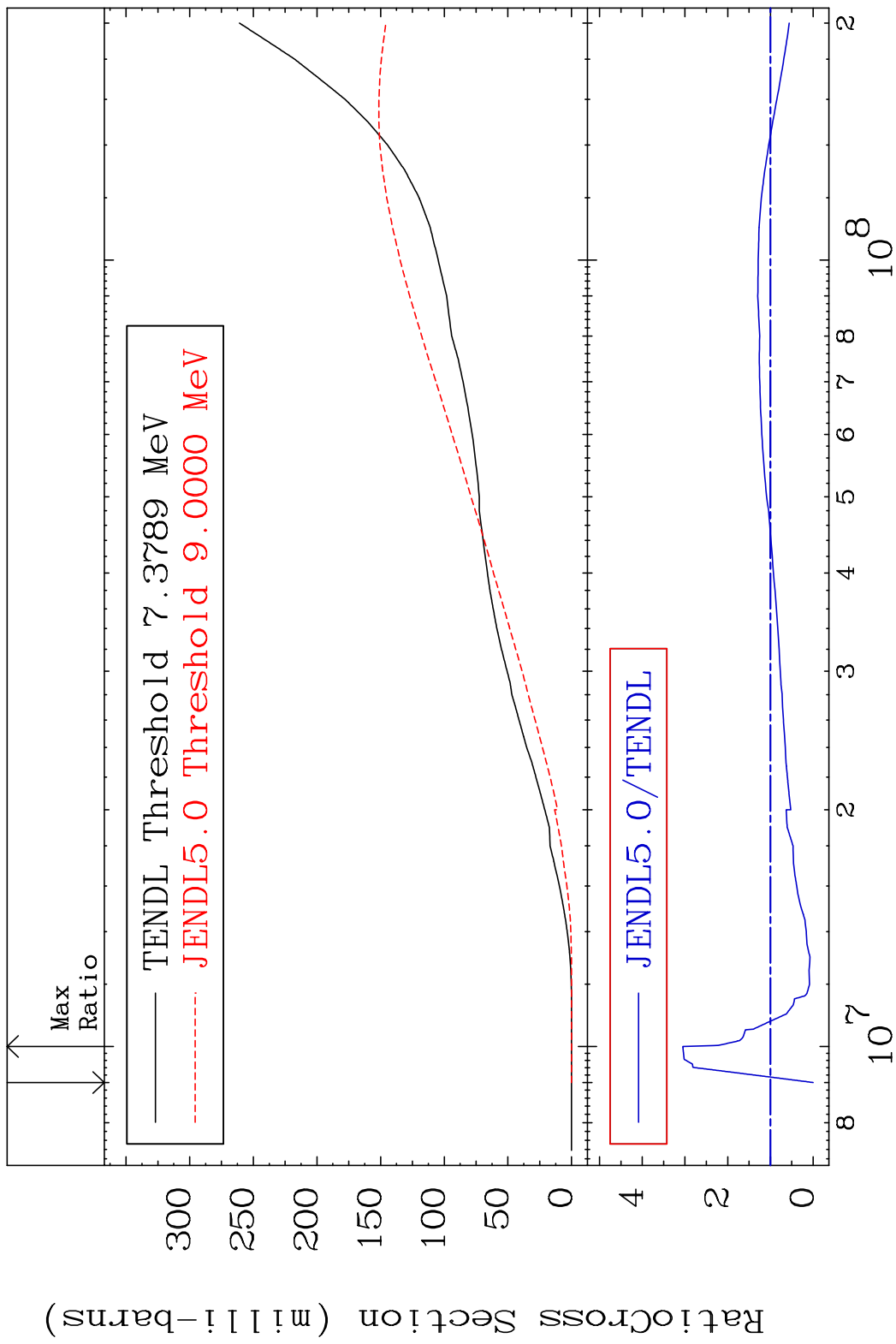
³⁴Se-76

MAT 3431 Hydrogen Production 34-Se-76
 Cross Section -100.0 To 208.2 %



34 Incident Energy (eV) 34-Se-76

MAT 3431 Deuterium Production ³⁴Se-76
 Cross Section -100.0 To 205.1 %



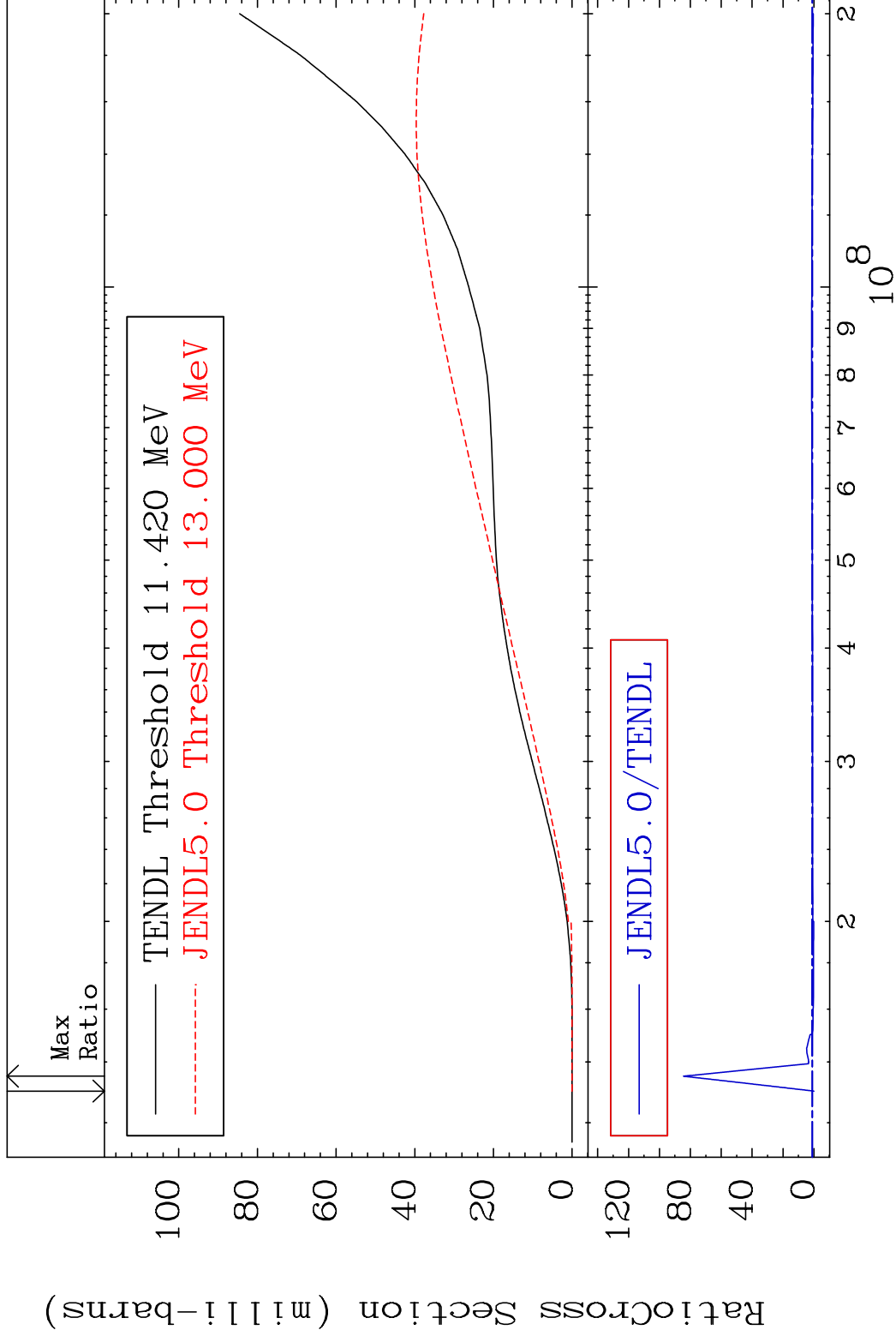
35 34-Se-76

MAT 3431

Tritium Production

³⁴Se-76

Cross Section -100.0 To 8346. %



36

Incident Energy (eV)

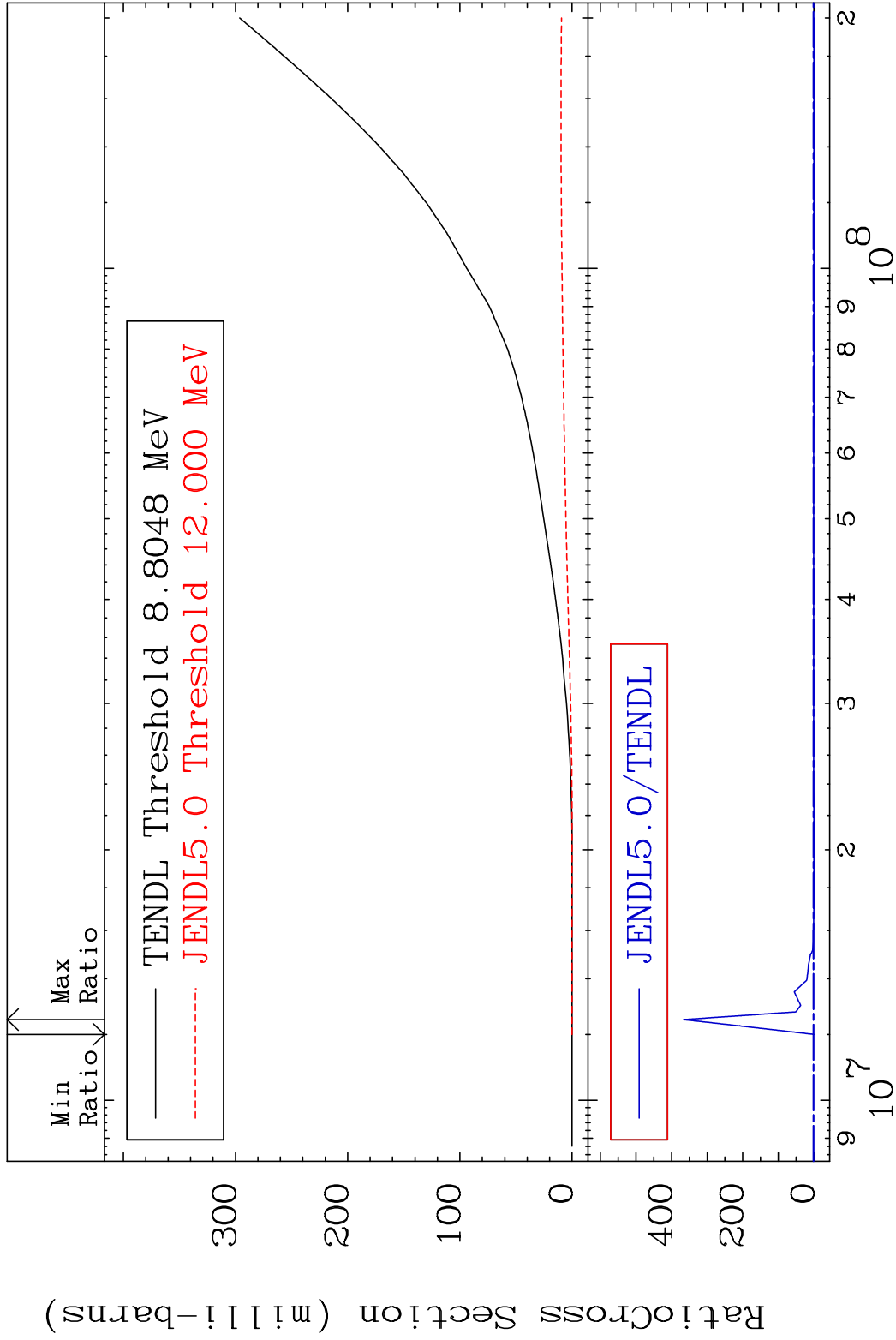
³⁴Se-76

MAT 3431

He-3 Production

34-Se-76

Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

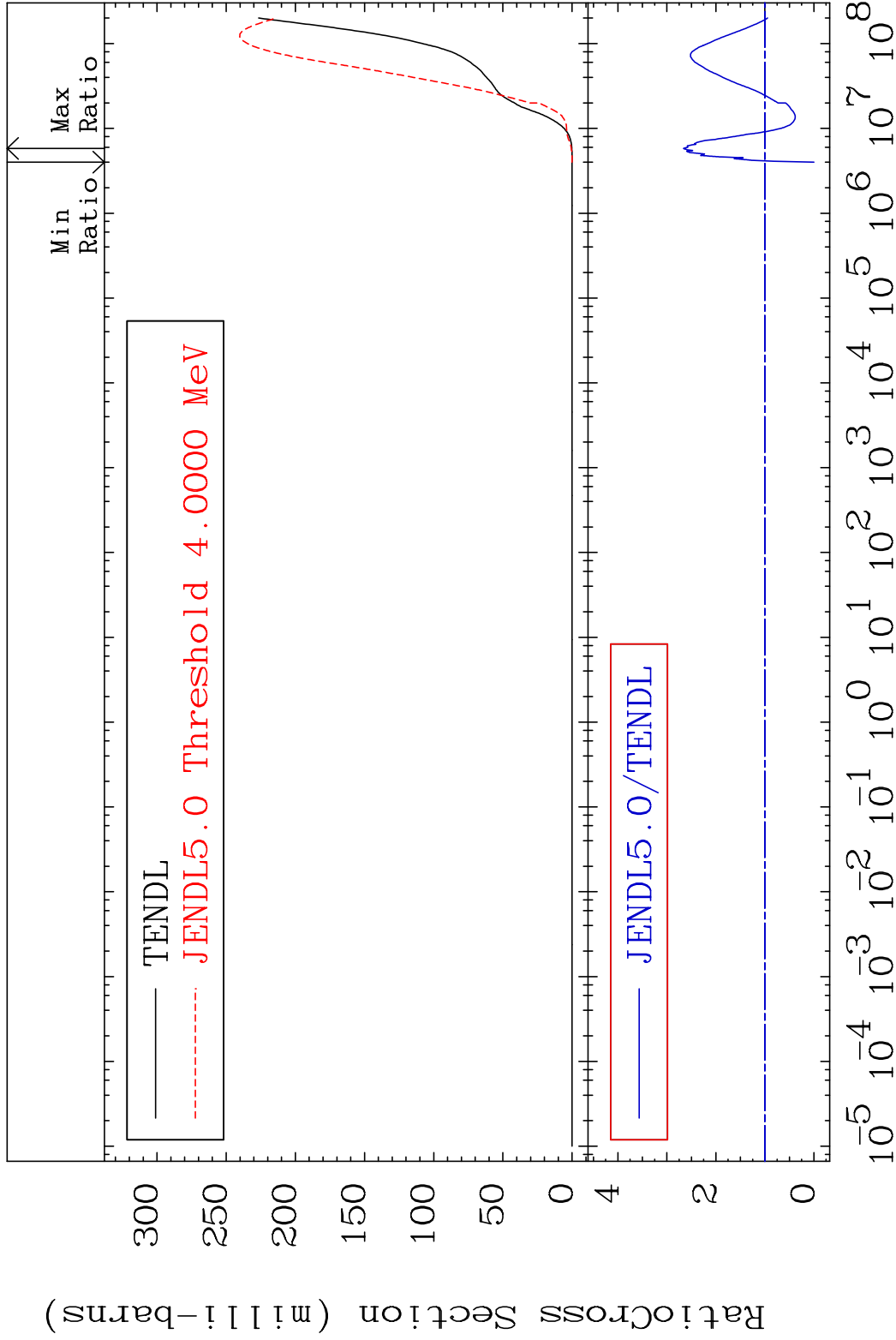
34-Se-76

MAT 3431

He-4 Production

34-Se-76

Cross Section -100.0 To 166.2 %

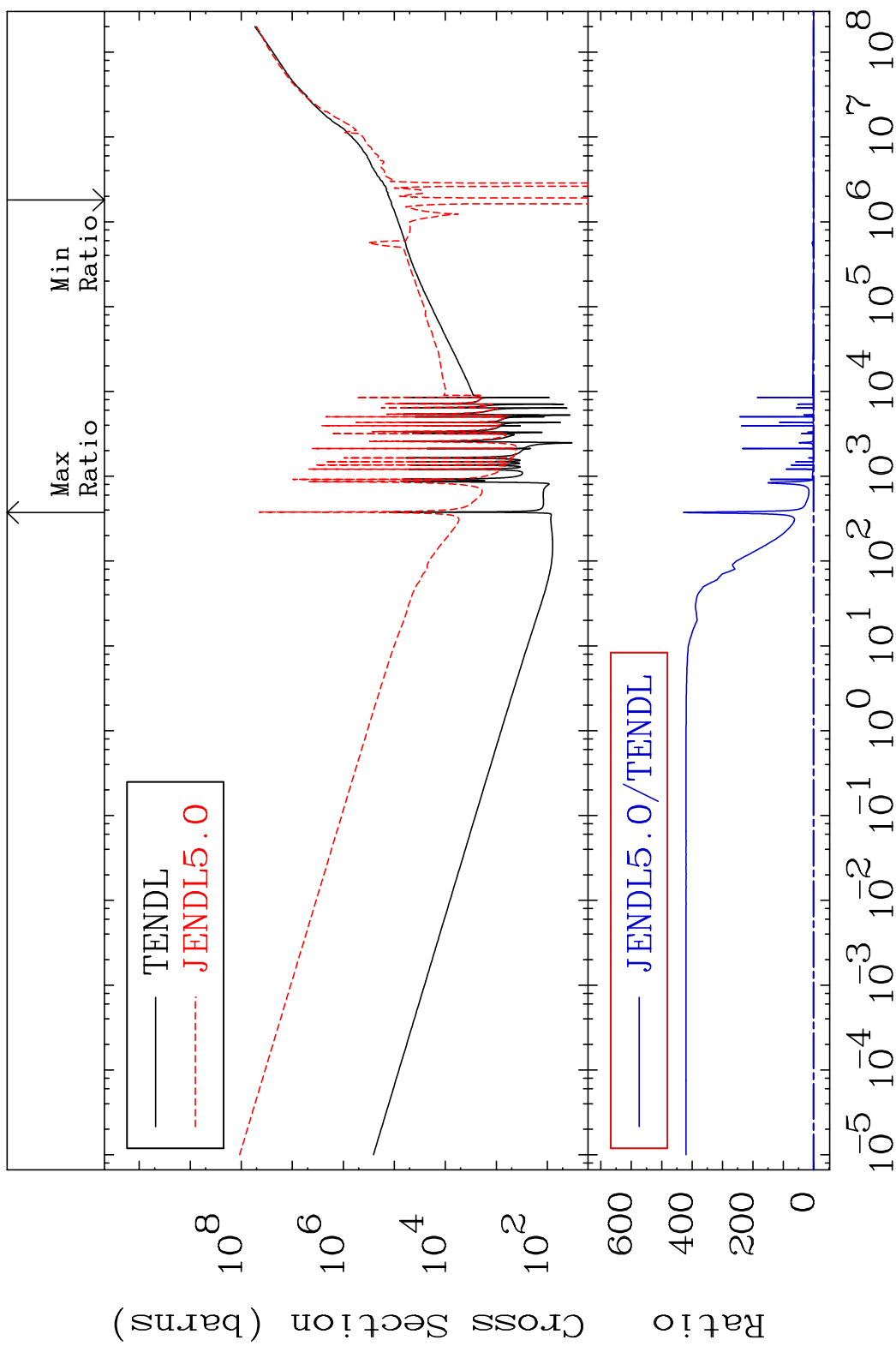


38

Incident Energy (eV)

34-Se-76

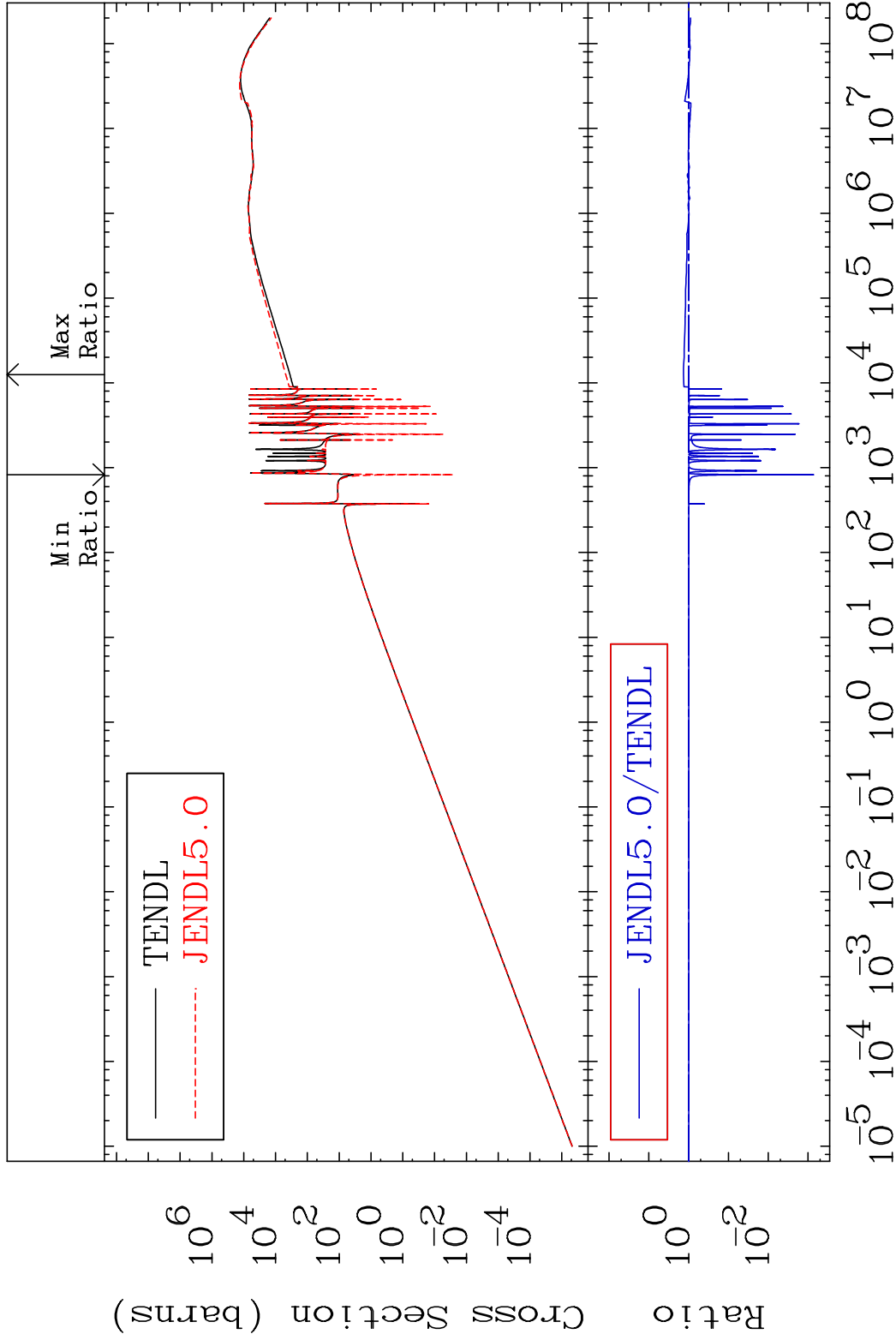
MAT 3431 Kerma total (eV-barns) 34-Se-76
 Cross Section -147.1 To 9999. %



MAT 3431

Kerma elastic
Cross Section

34-Se-76
-99.93 To 35.31 %

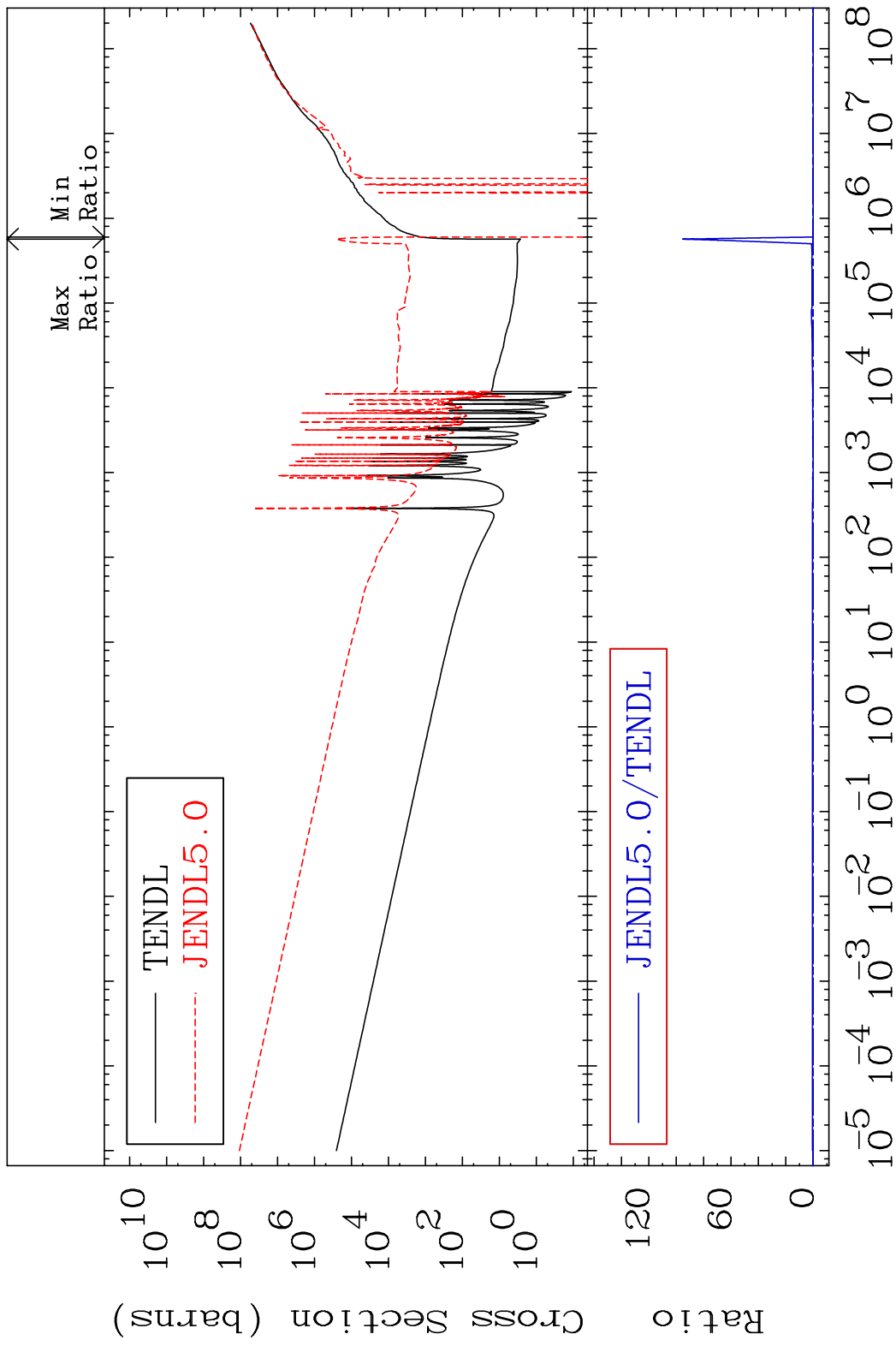


40

Incident Energy (eV)

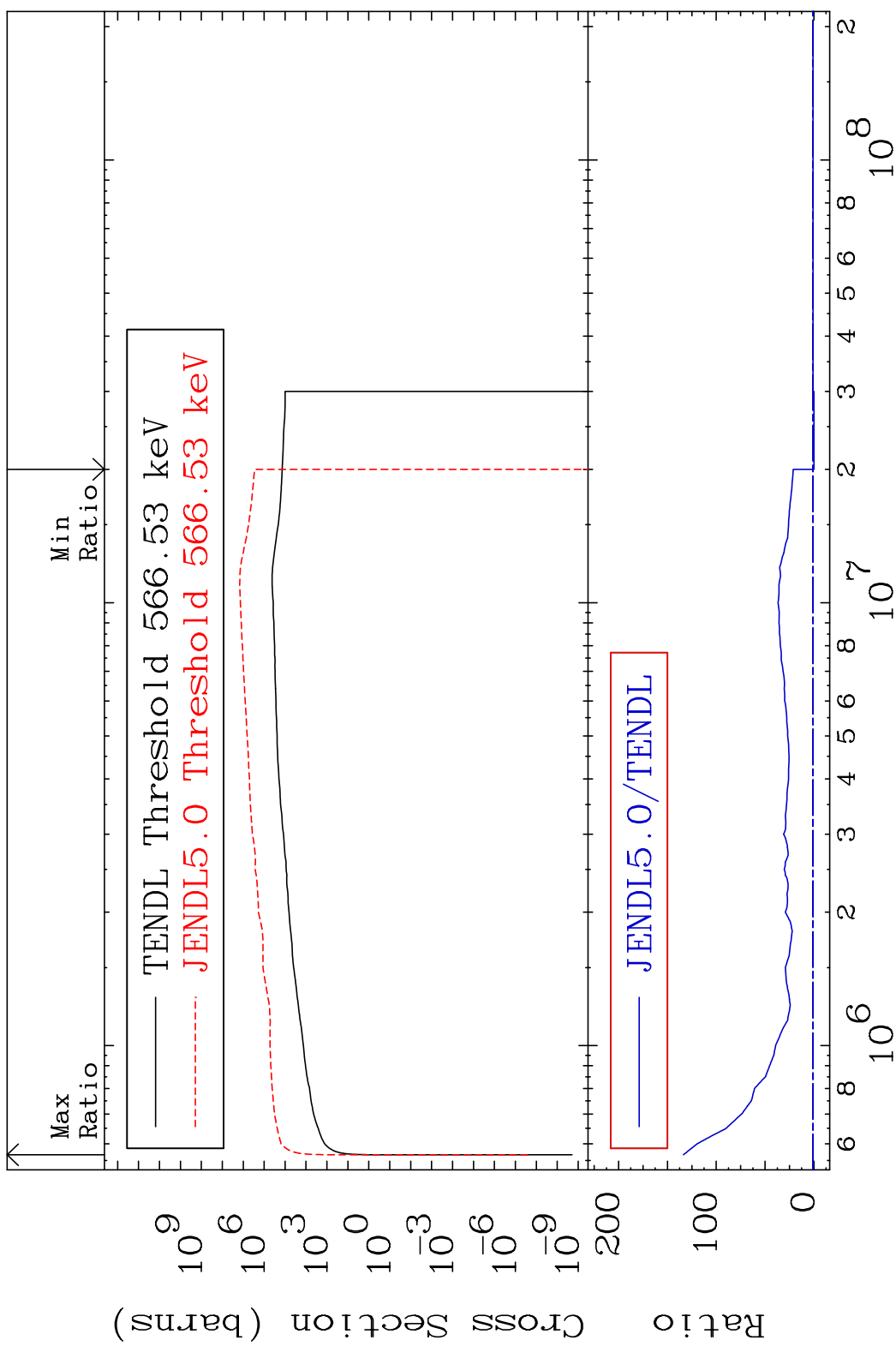
34-Se-76

MAT 3431 Kerma non-elastic (all but mt2) 34-Se-76
 Cross Section -598.2 To 9999. %



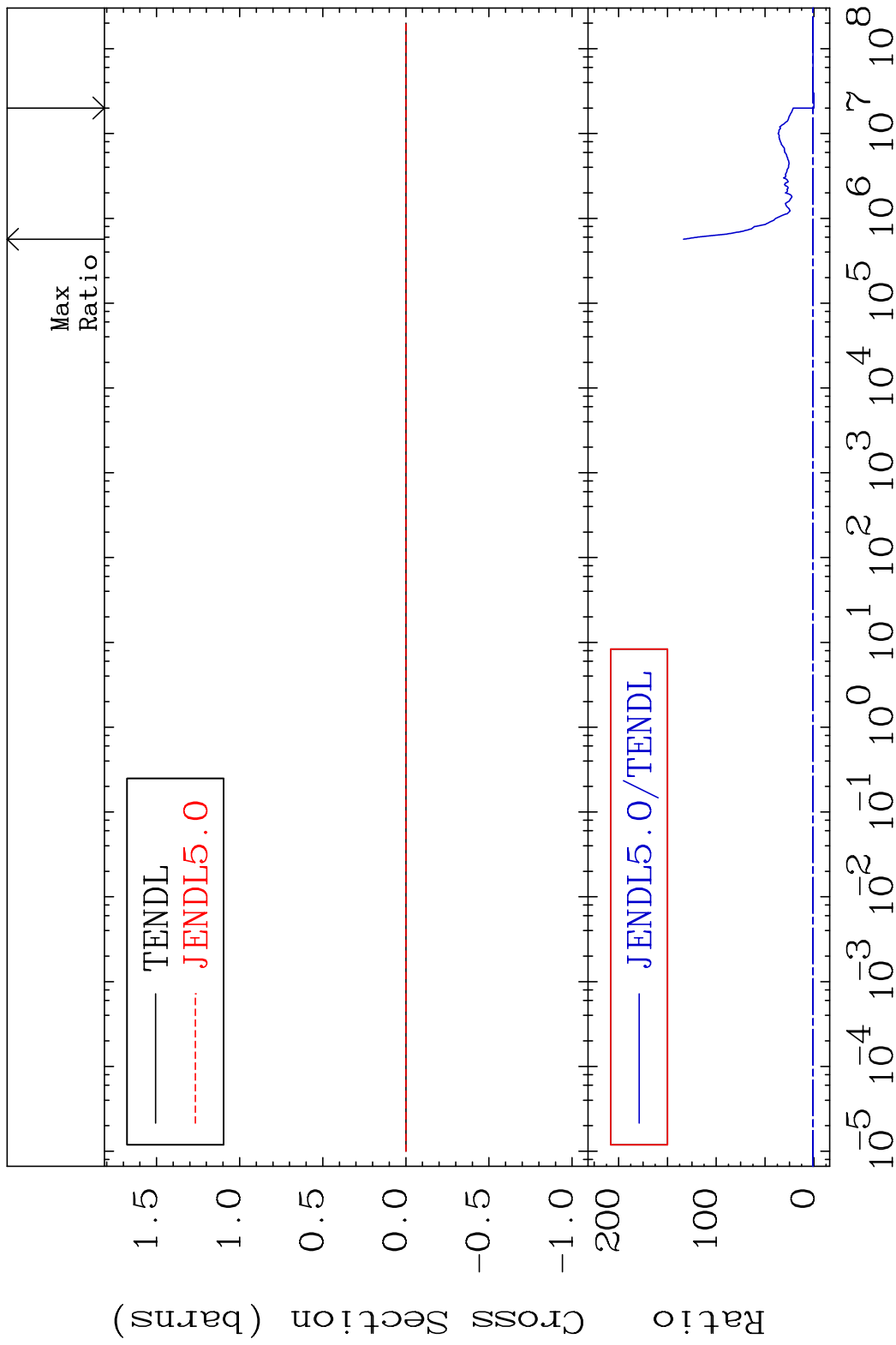
41 Incident Energy (eV) 34-Se-76

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

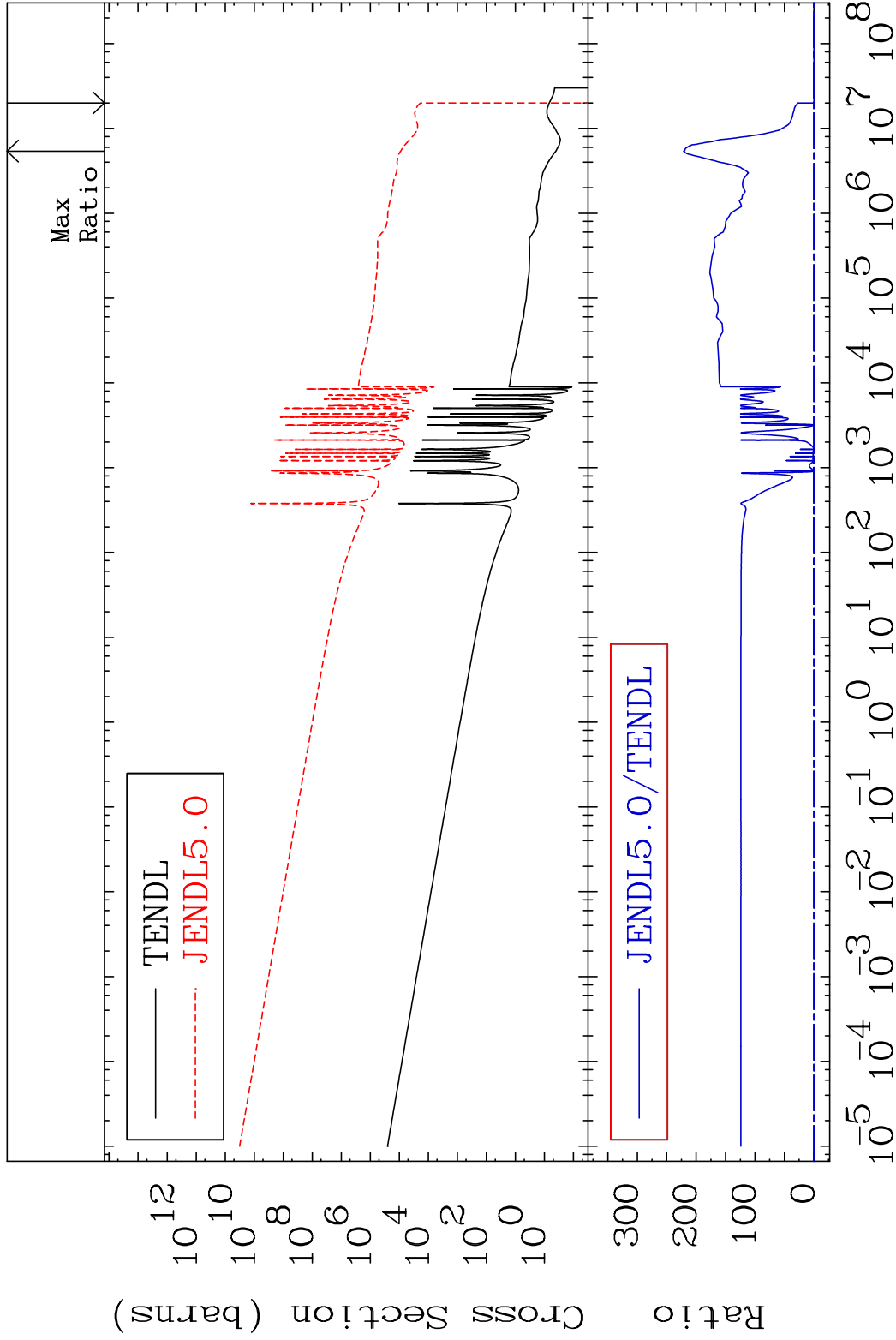


42 Incident Energy (eV) 34-Se-76

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

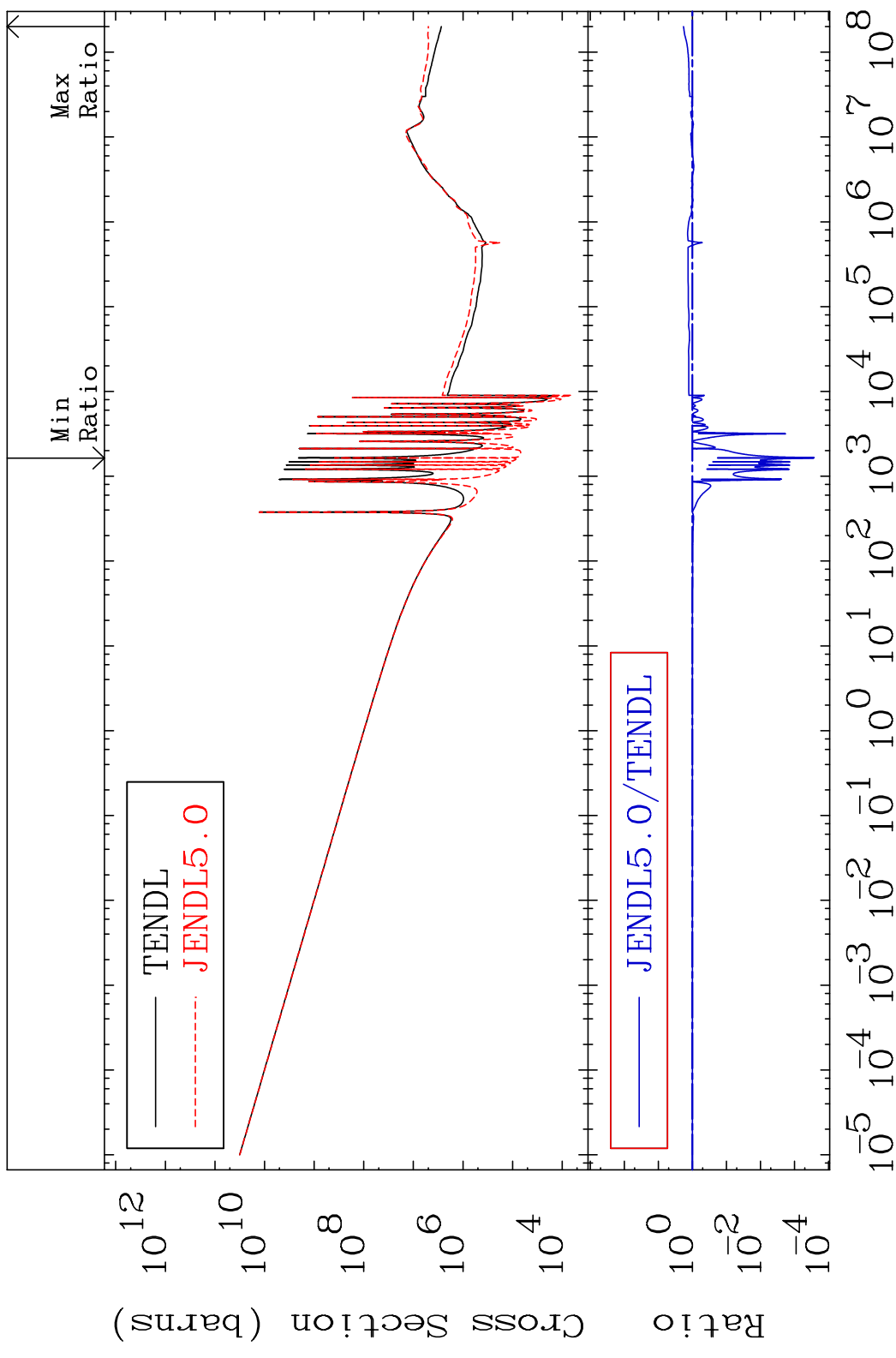


MAT 3431 Kerma capture (mt102) 34-Se-76
 Cross Section -100.0 To 9999. %



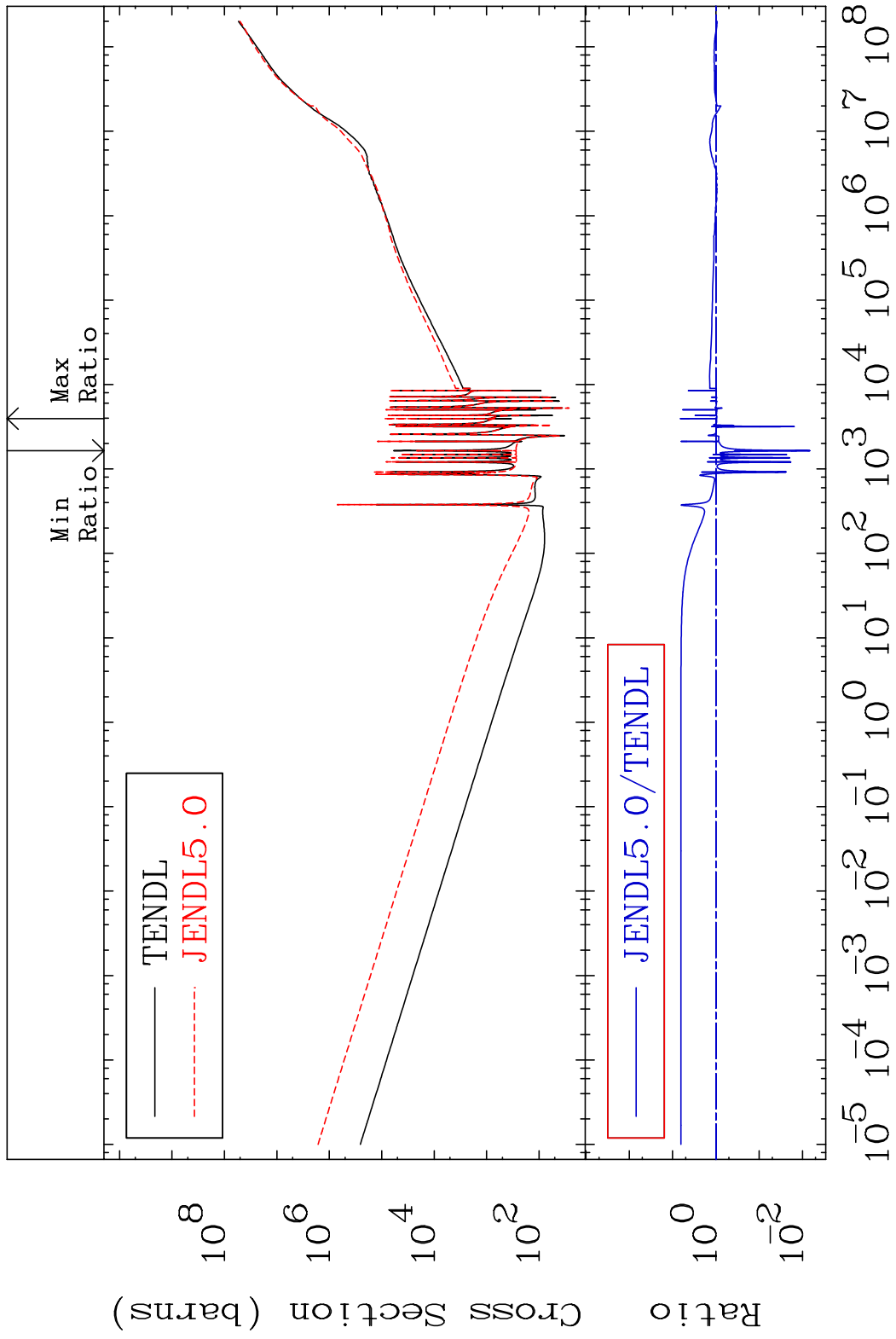
44 Incident Energy (eV) 34-Se-76

MAT 3431 Total photon (eV-barns) 34-Se-76
Cross Section -99.97 To 83.43 %



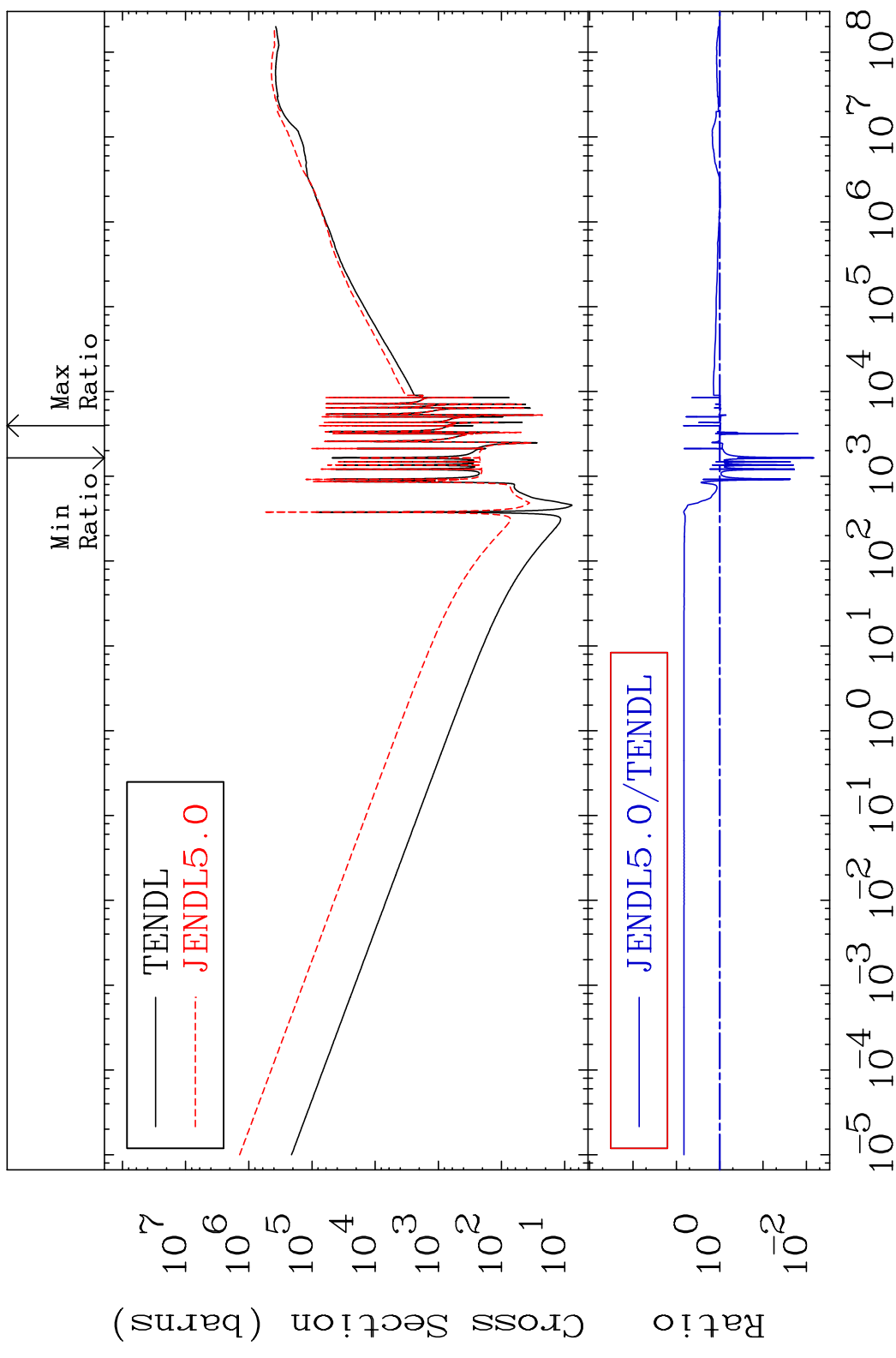
45 Incident Energy (eV) 34-Se-76

MAT 3431 Total kinematic kerma (high limit) 34-Se-76
 Cross Section -99.33 To 567.1 %



46 Incident Energy (eV) 34-Se-76

MAT 3431 Dpa total (eV-barns) 34-Se-76
 Cross Section -99.32 To 584.7 %



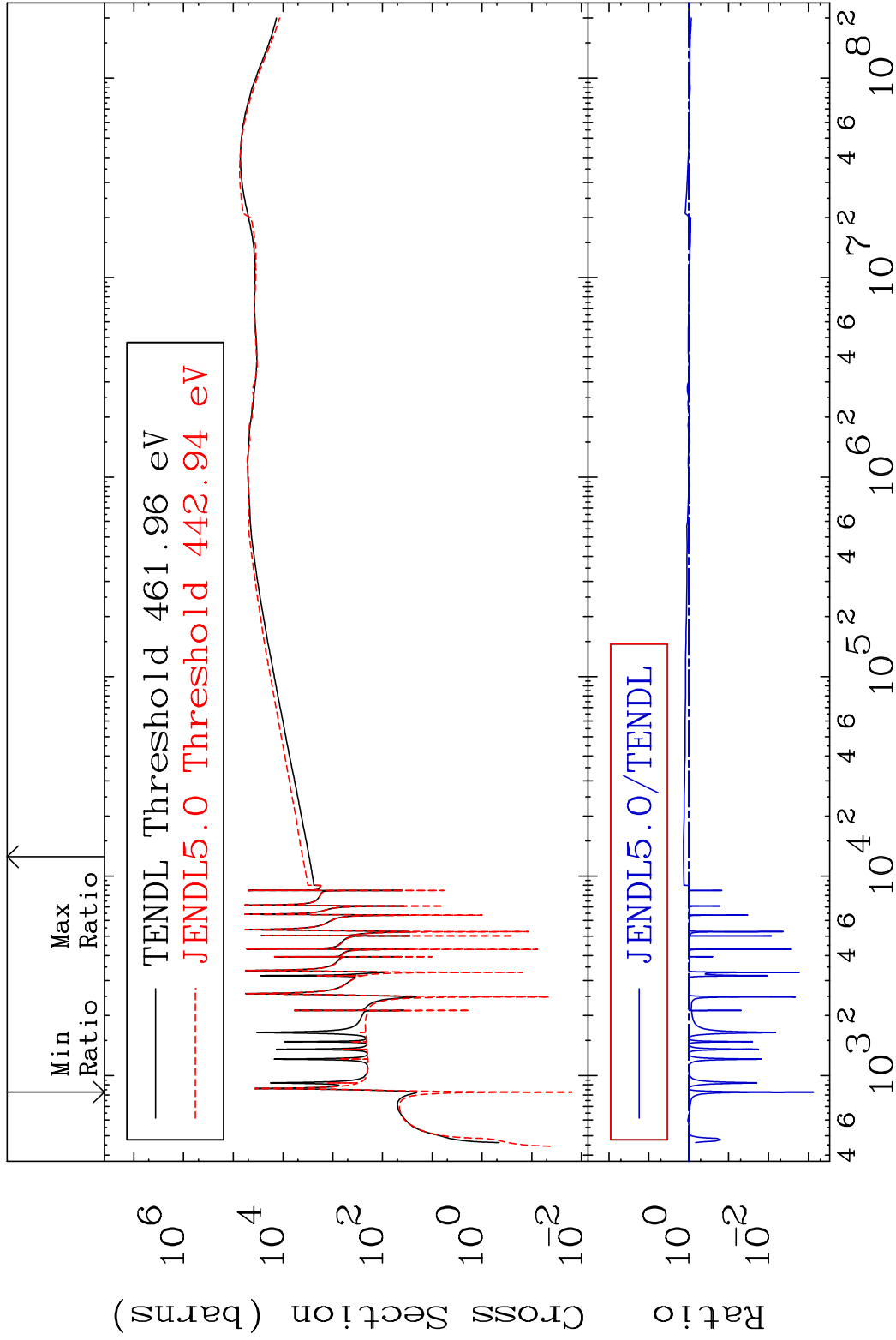
47 Incident Energy (eV) 34-Se-76

MAT 3431

Dpa elastic (mt2)

³⁴Se-76

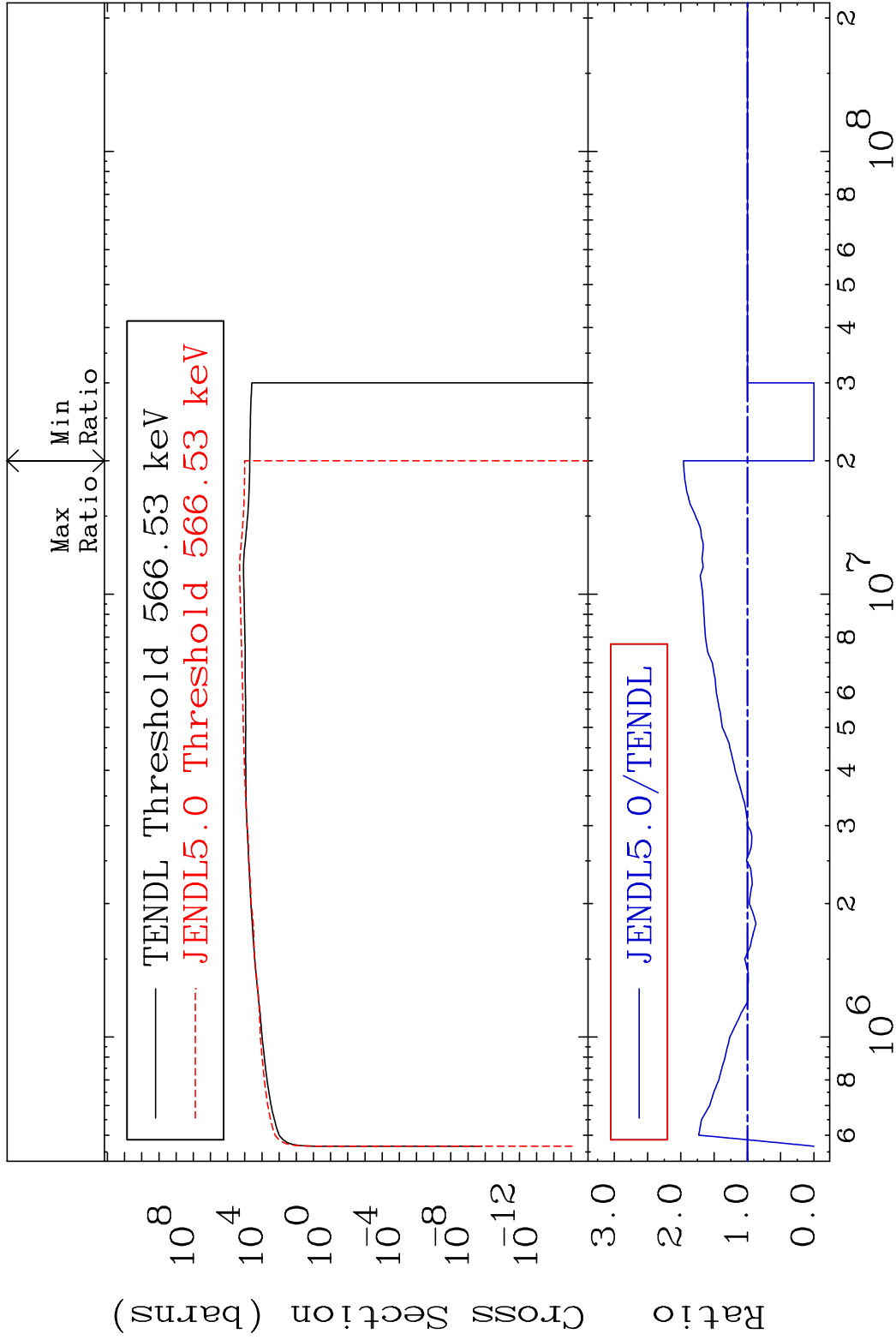
Cross Section -99.93 To 35.47 %



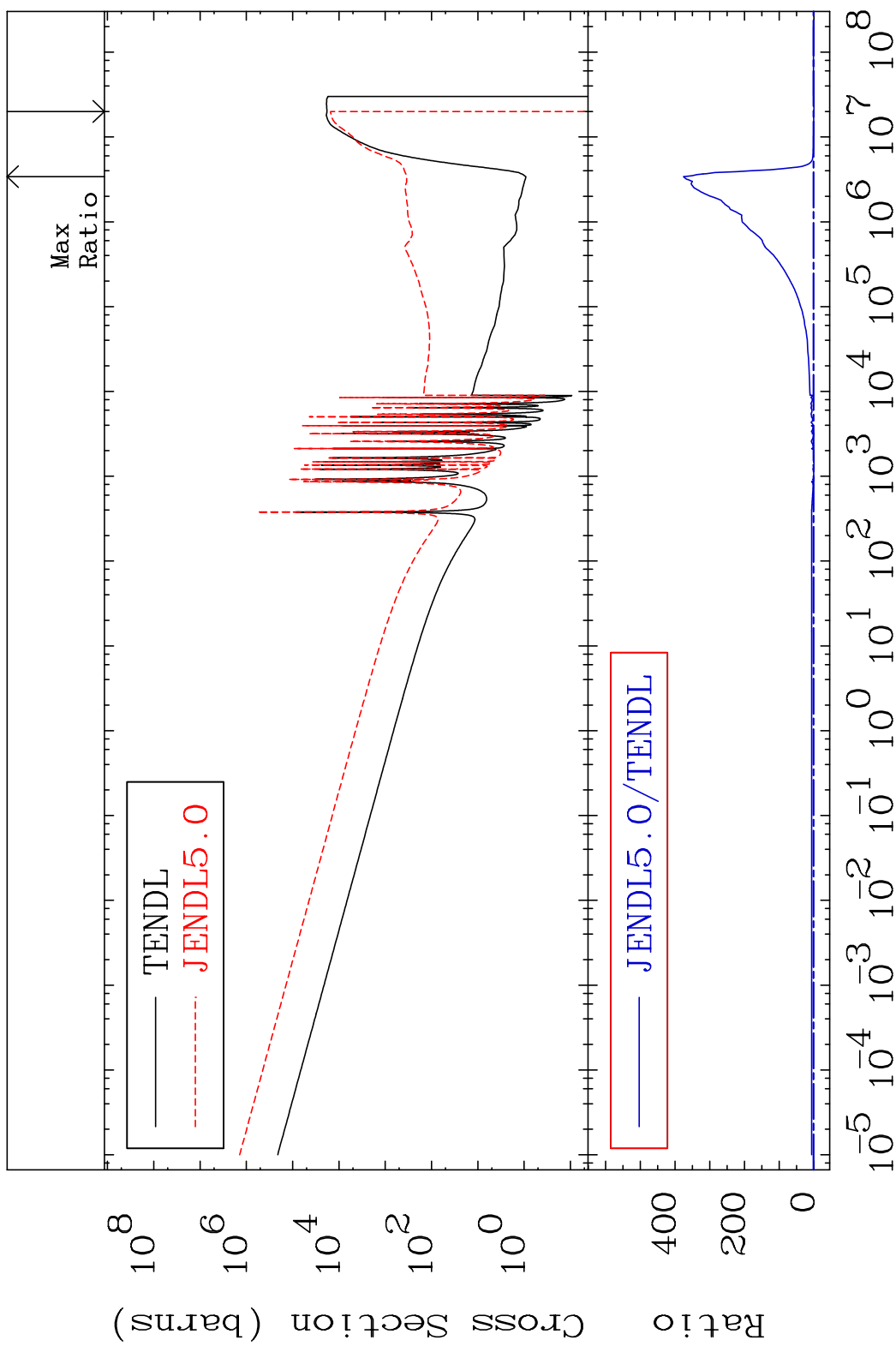
48

Incident Energy (eV)

³⁴Se-76

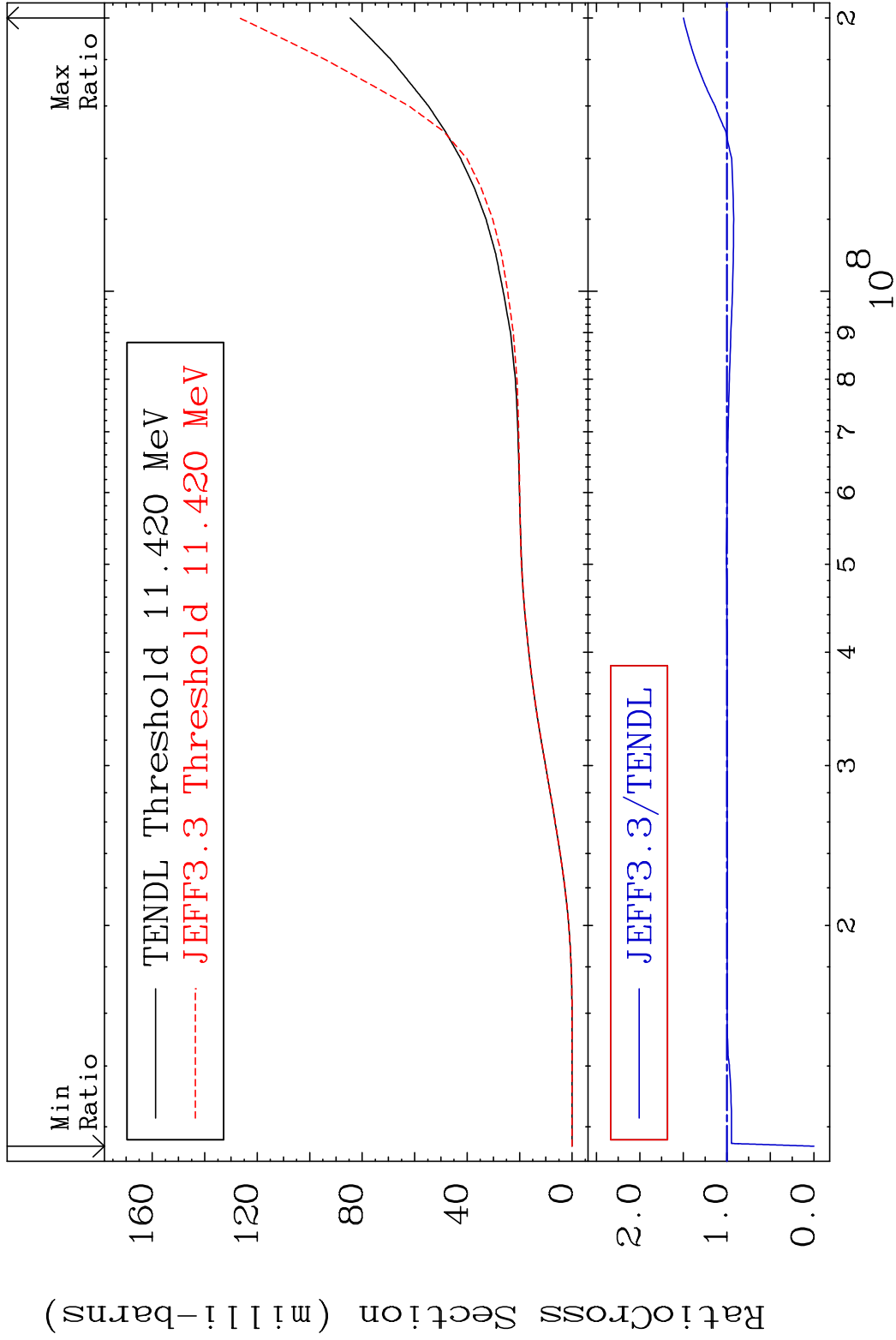


MAT 3431 Dpa disappearance (mt102 -120) 34-Se-76
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 34-Se-76

MAT 3431 Tritium Production 34-Se-76
 Cross Section -100.0 To 49.90 %



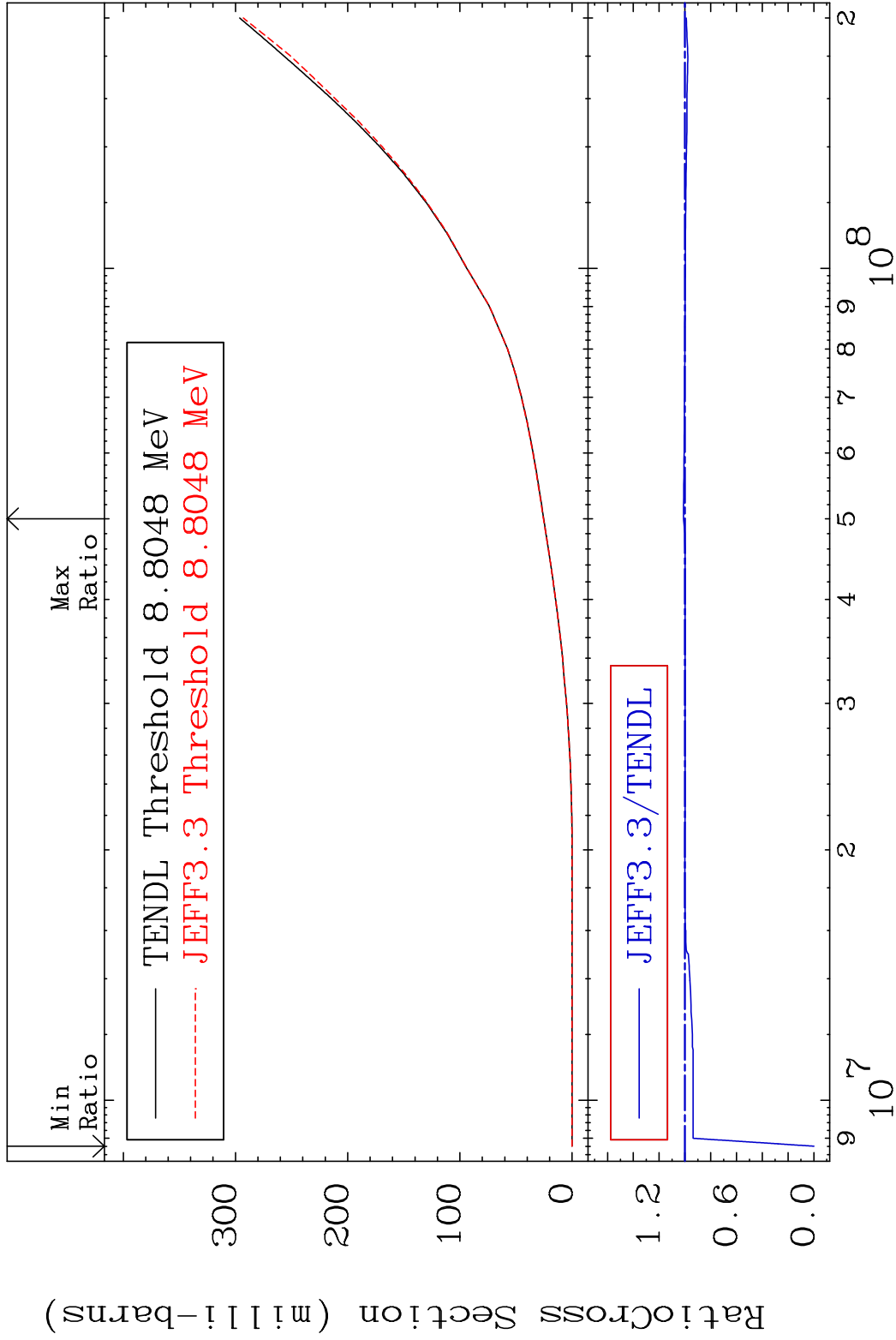
51 34-Se-76

MAT 3431

He-3 Production

34-Se-76

Cross Section -100.0 To 1.137 %



52

Incident Energy (eV)

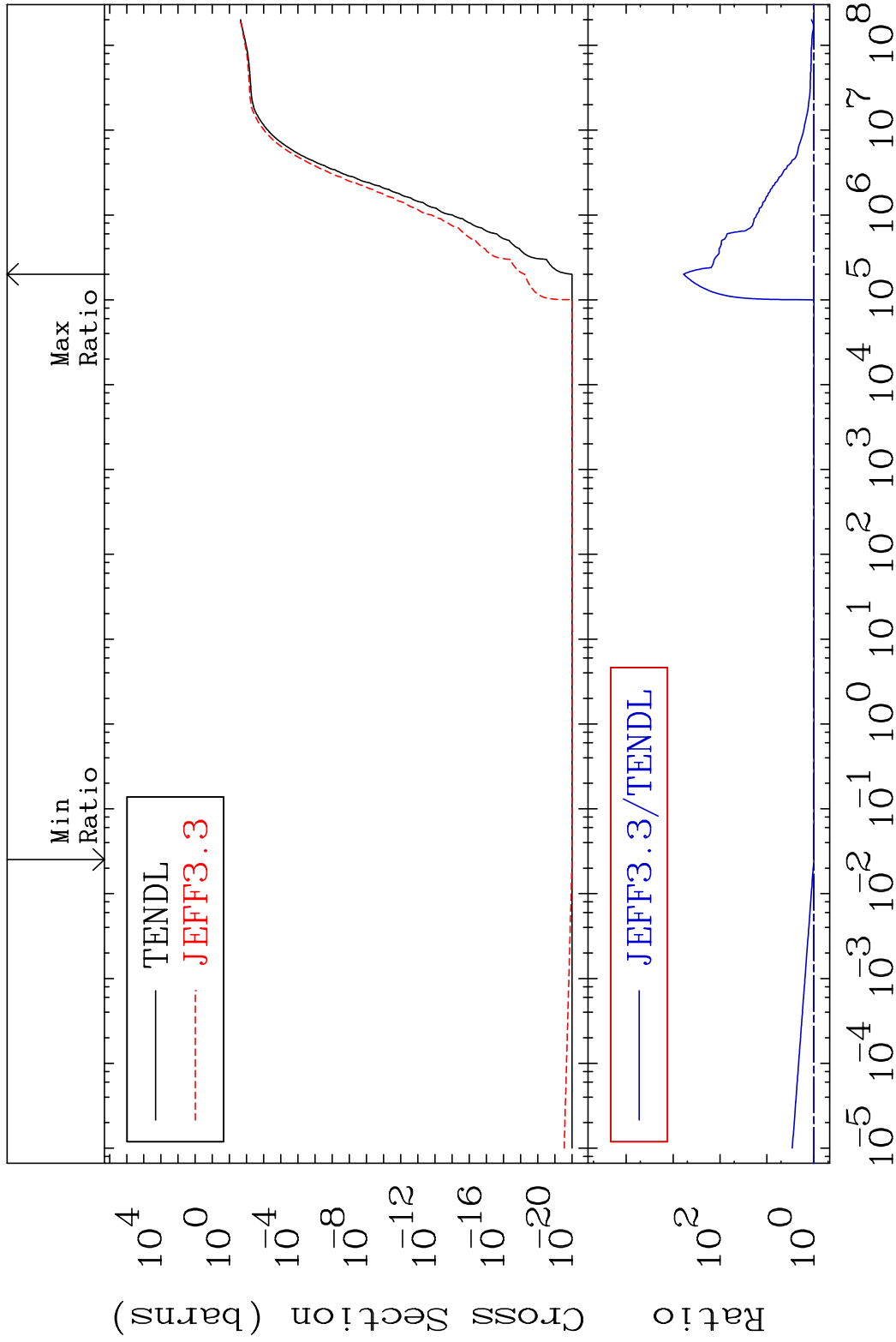
34-Se-76

MAT 3431

He-4 Production

34-Se-76

Cross Section 0.000 To 9999. %

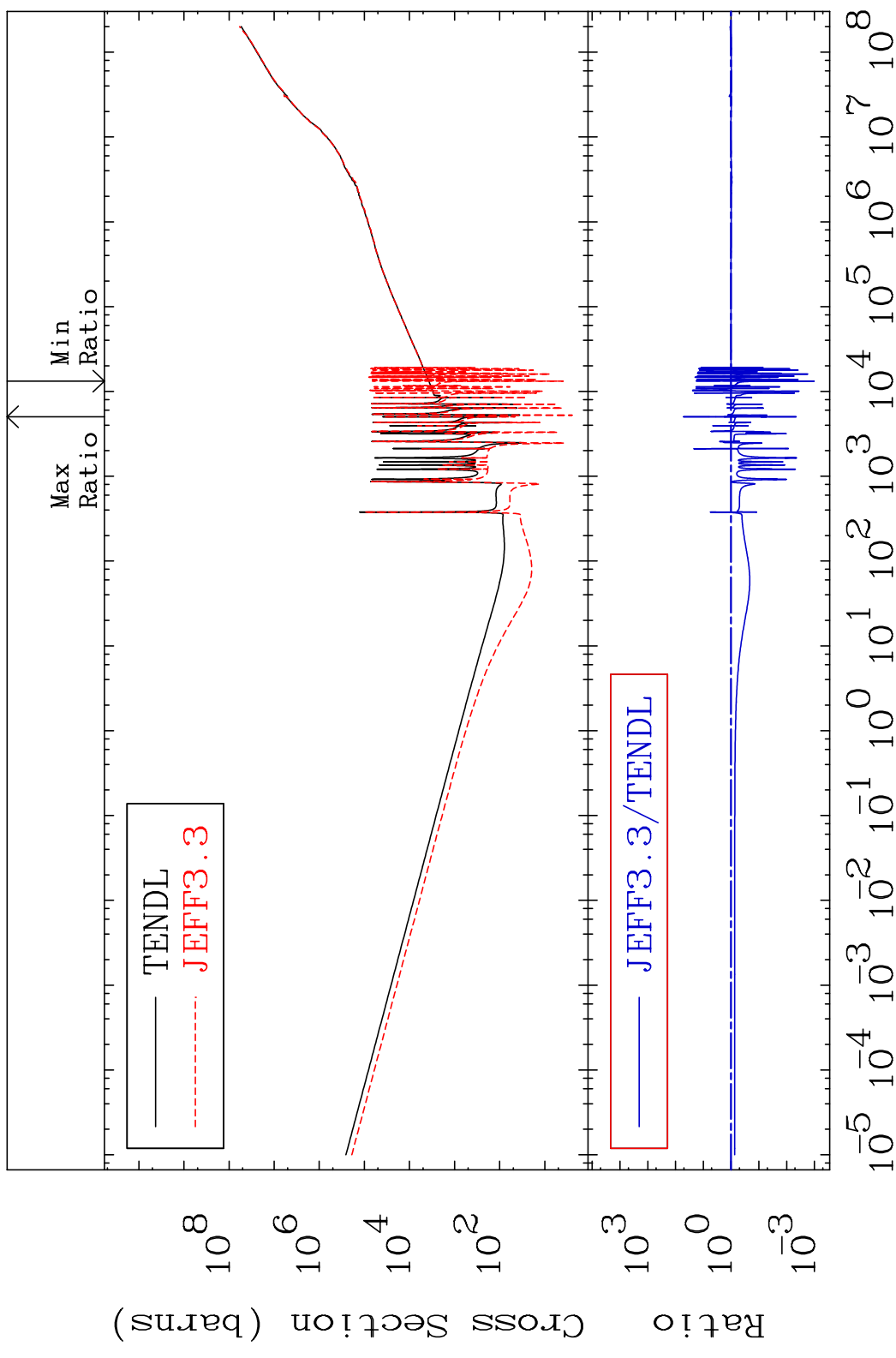


53

Incident Energy (eV)

34-Se-76

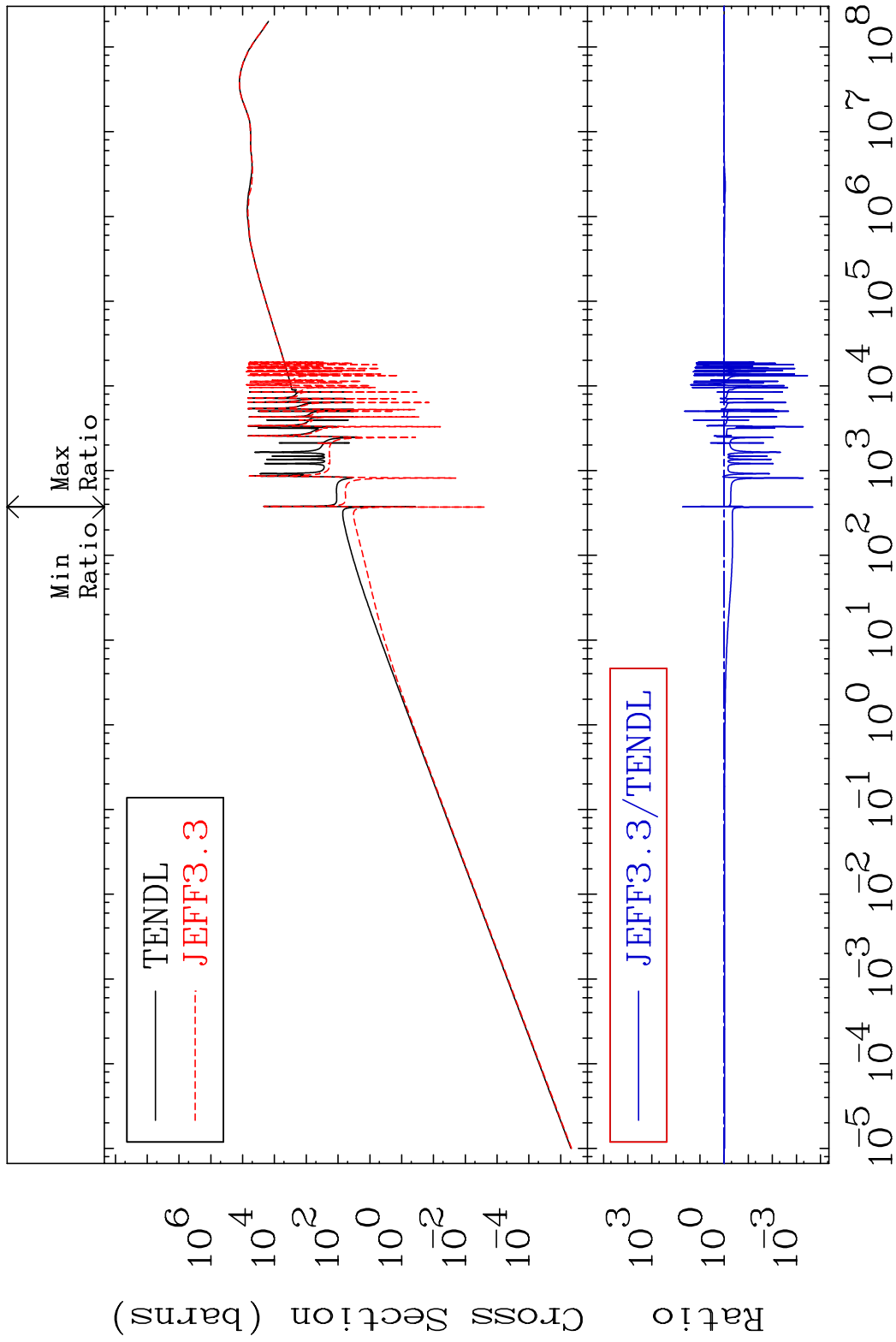
MAT 3431 Kerma total (eV-barns) 34-Se-76
 Cross Section -99.90 To 5086. %



54 Incident Energy (eV) 34-Se-76

MAT 3431

Kerma elastic Cross Section -99.98 To 5099. %
34-Se-76

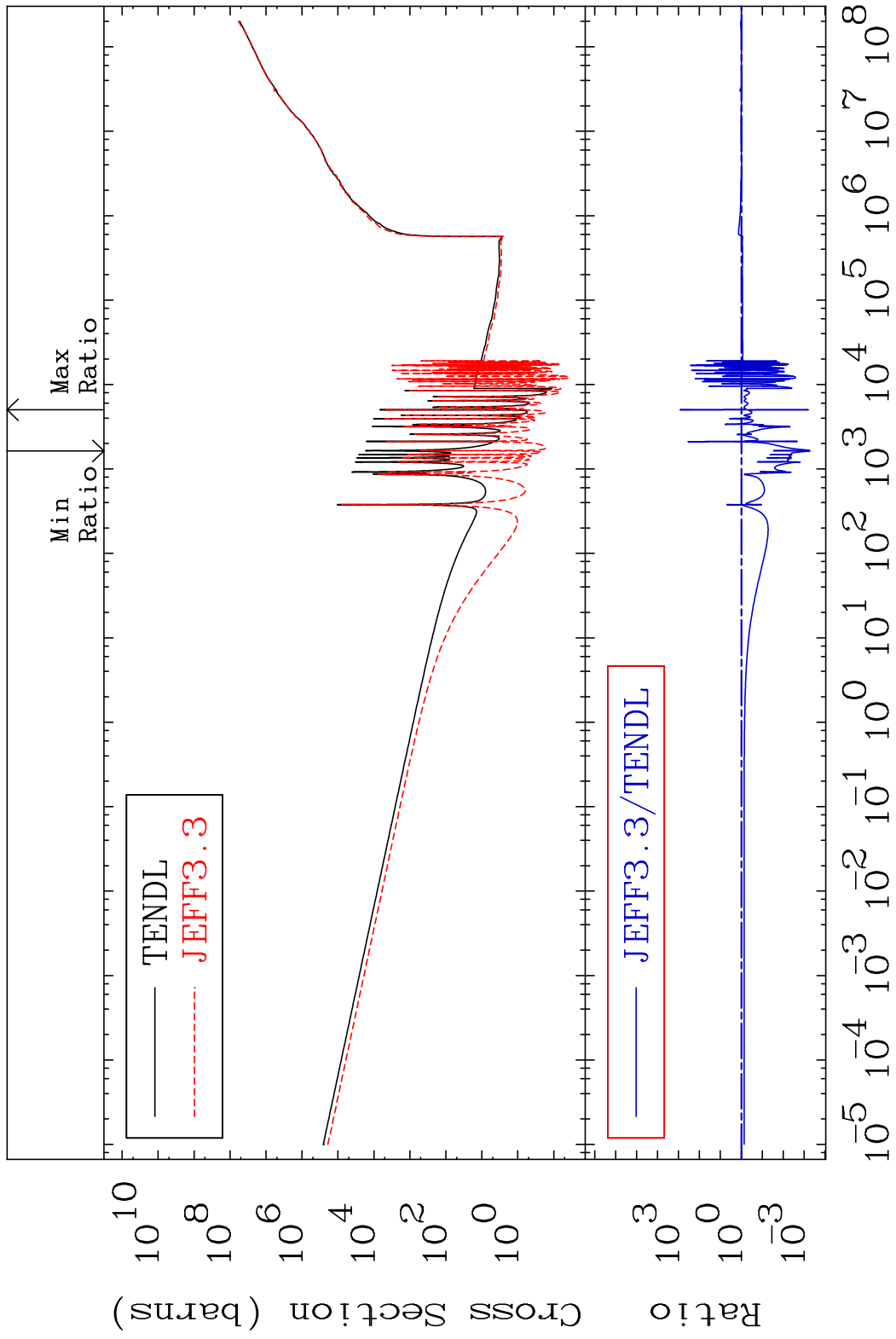


55

Incident Energy (eV)

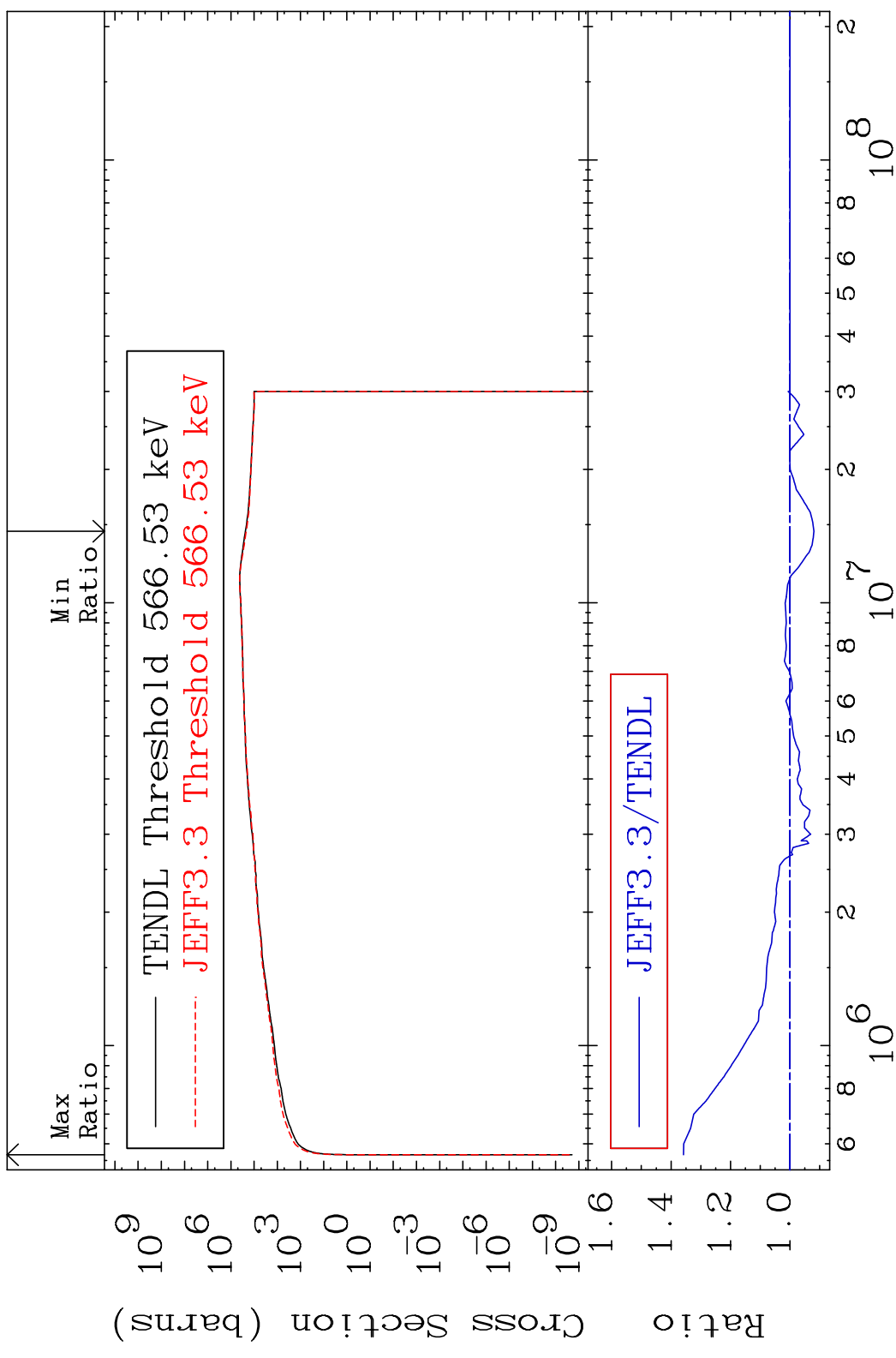
34-Se-76

MAT 3431 Kerma non-elastic (all but mt2) 34-Se-76
 Cross Section -99.95 To 9999. %



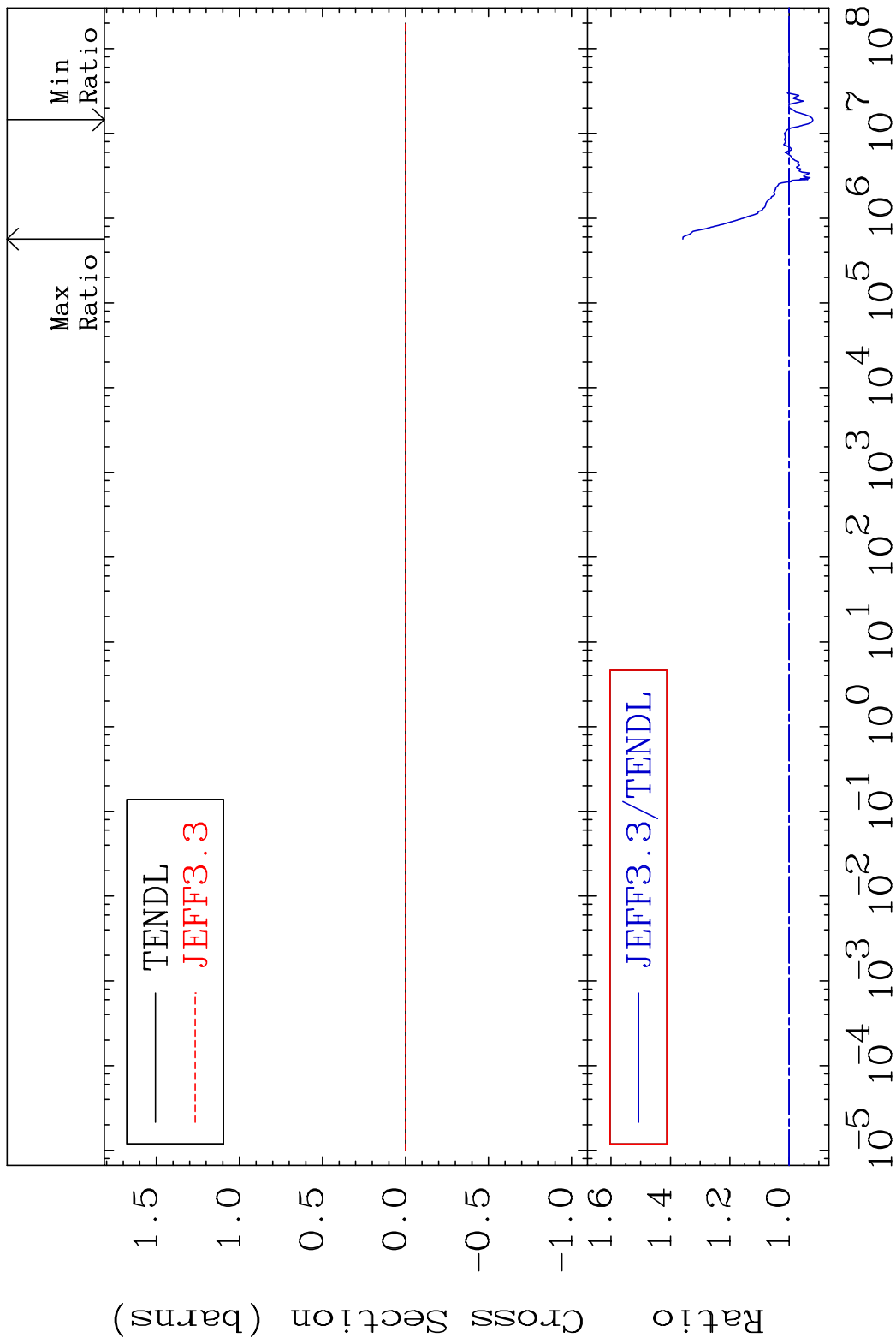
56 Incident Energy (eV) 34-Se-76

MAT 3431 Kerma inelastic (mt51-91) 34-Se-76
 Cross Section -8.030 To 35.83 %

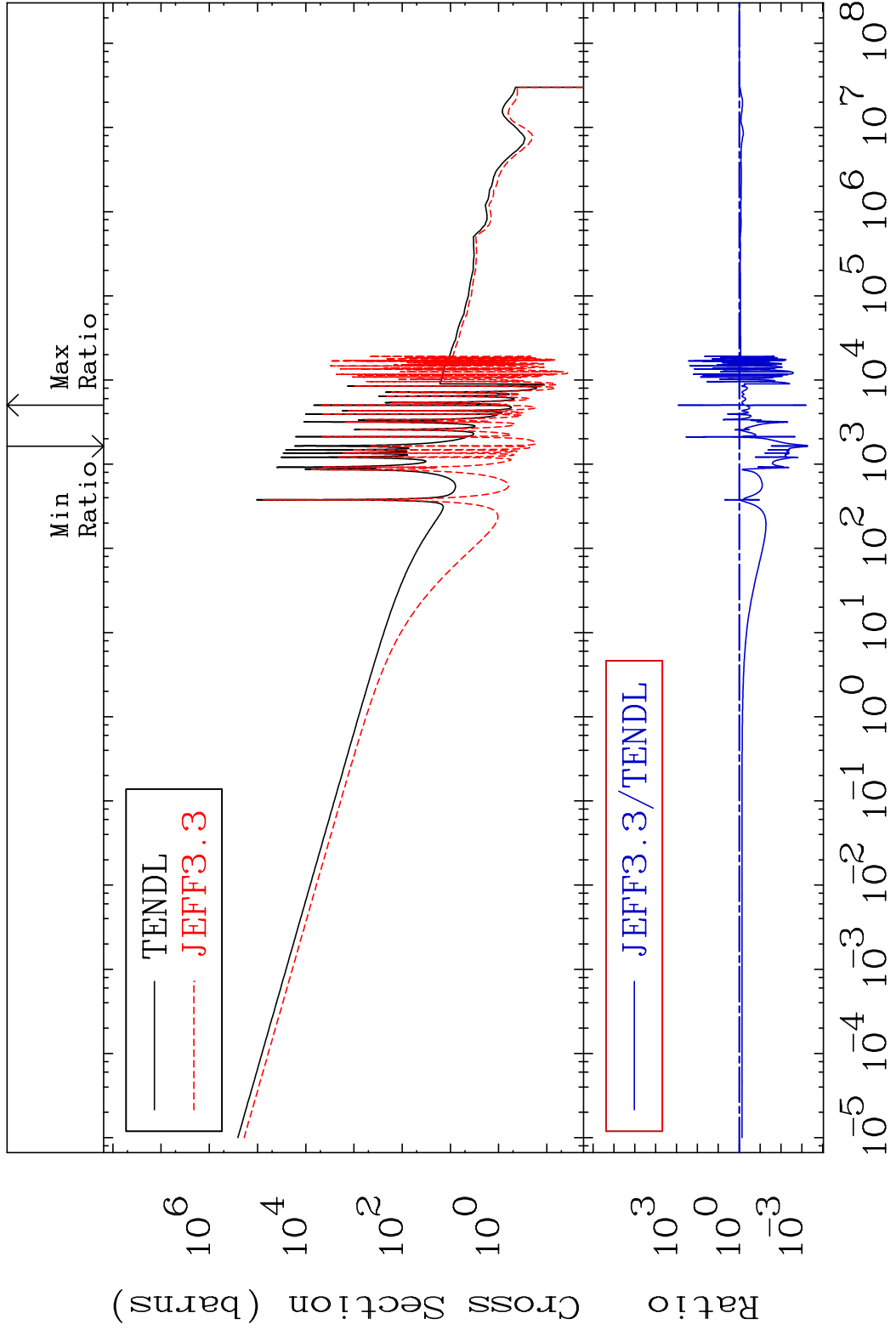


57 Incident Energy (eV) 34-Se-76

MAT 3431 Kerma fission (mt18 or mt19-20-21-38) 34-Se-76
 Cross Section -8.030 To 35.83 %

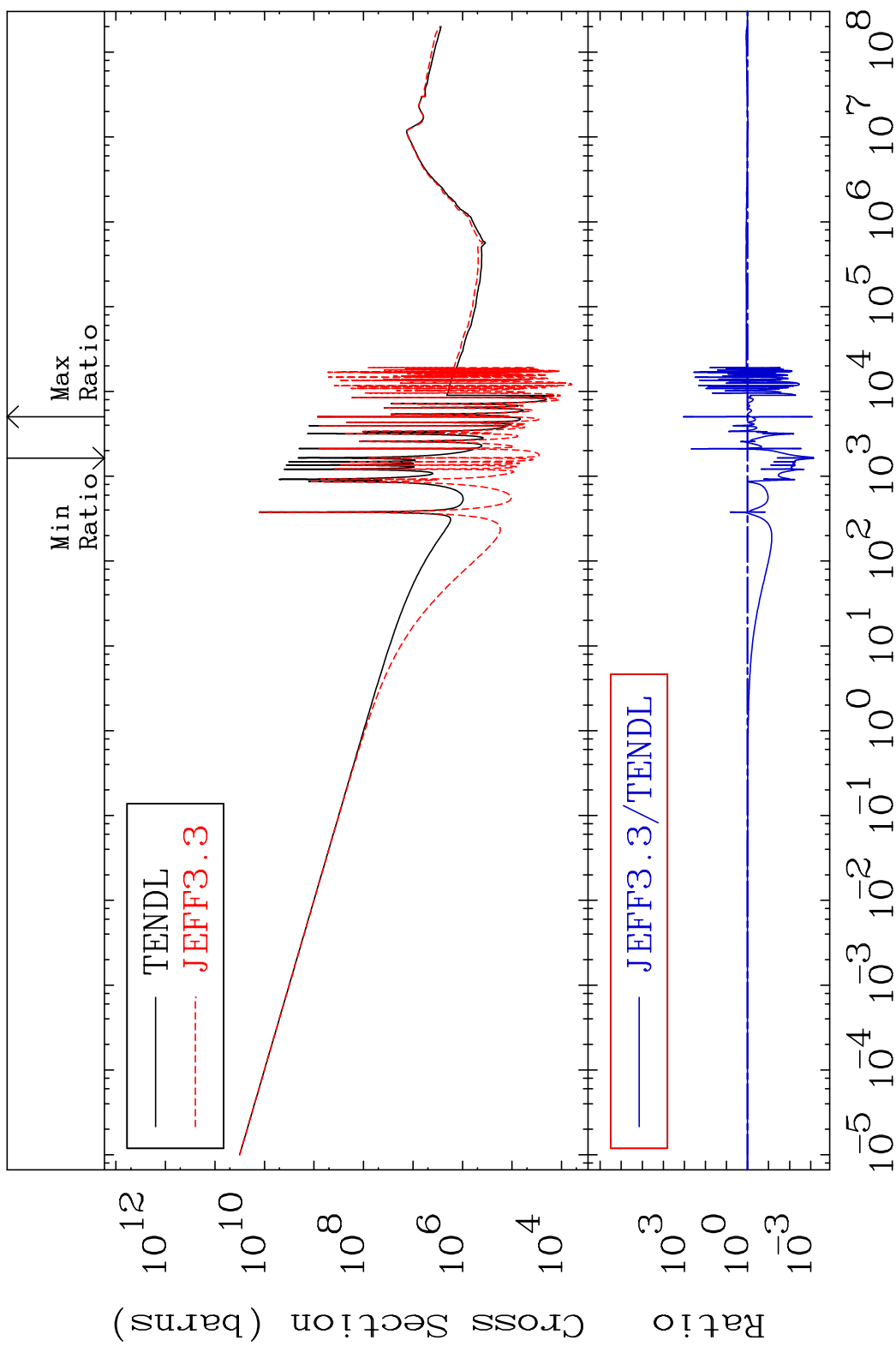


MAT 3431 Kerma capture (mt102) 34-Se-76
 Cross Section -99.95 To 9999. %



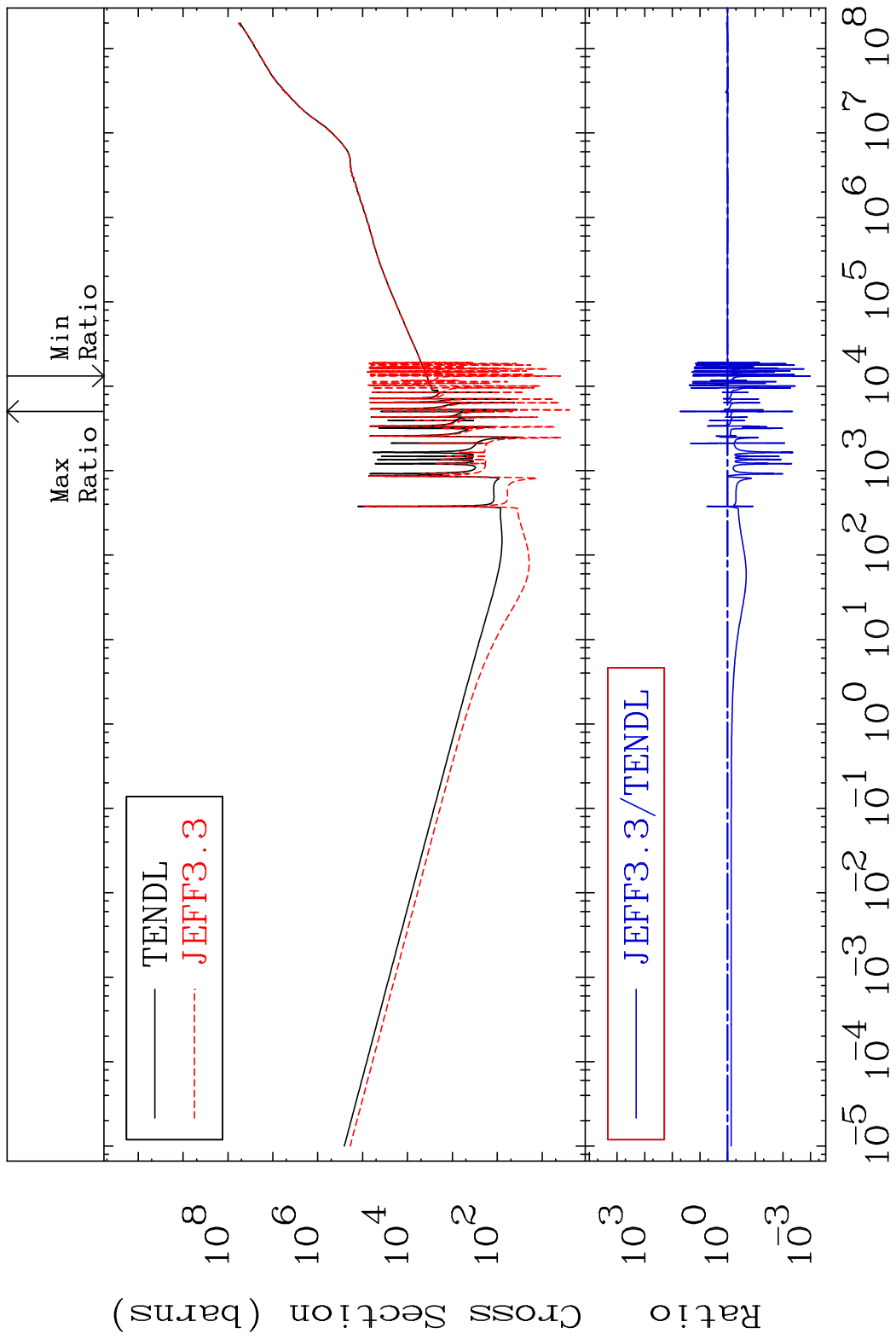
59 Incident Energy (eV) 34-Se-76

MAT 3431 Total photon (eV-barns) 34-Se-76
Cross Section -99.93 To 9999. %



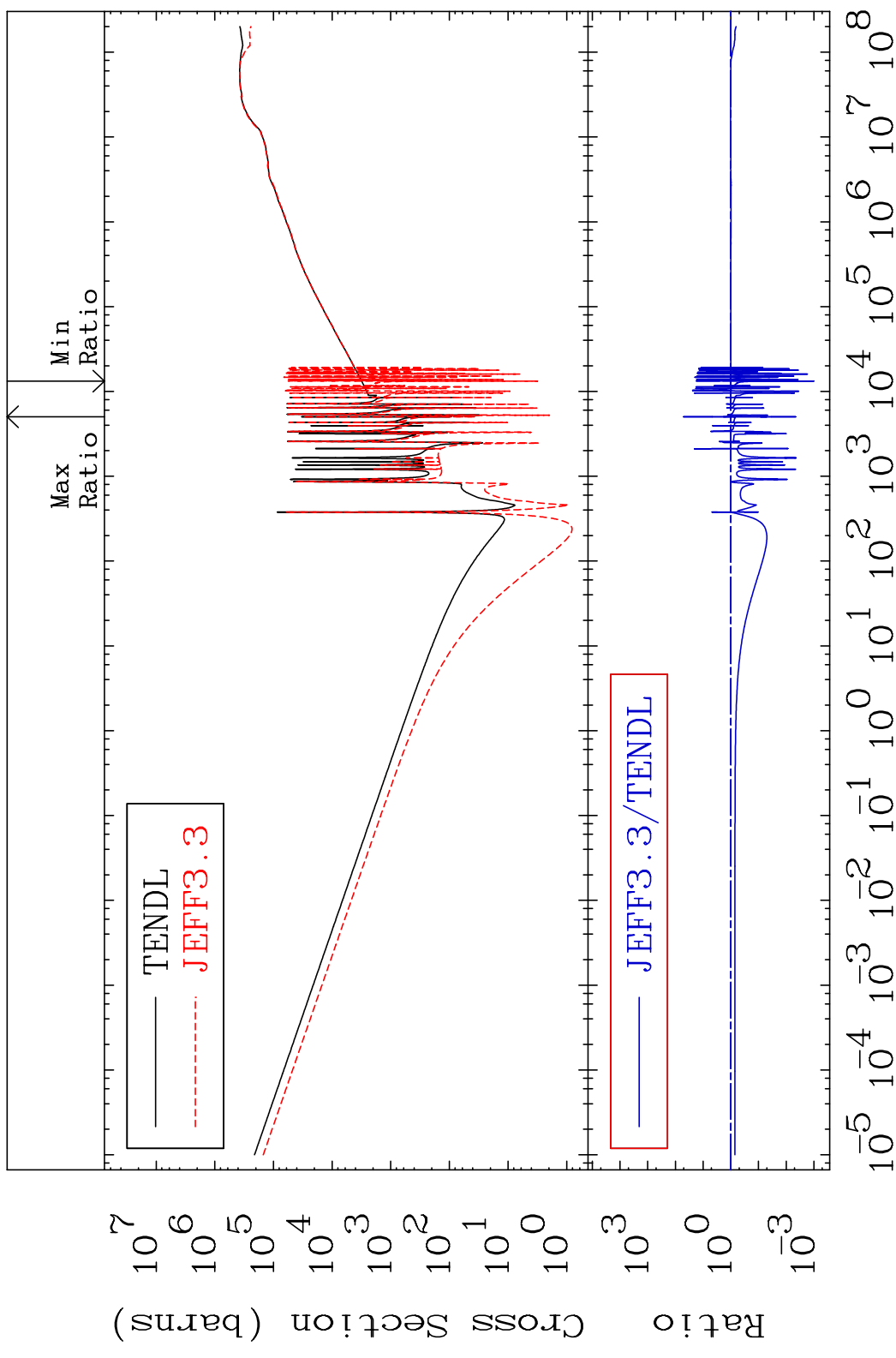
60 Incident Energy (eV) 34-Se-76

MAT 3431 Total kinematic kerma (high limit) 34-Se-76
 Cross Section -99.90 To 5086. %



61 Incident Energy (eV) 34-Se-76

MAT 3431 Dpa total (eV-barns) 34-Se-76
 Cross Section -99.90 To 5029. %

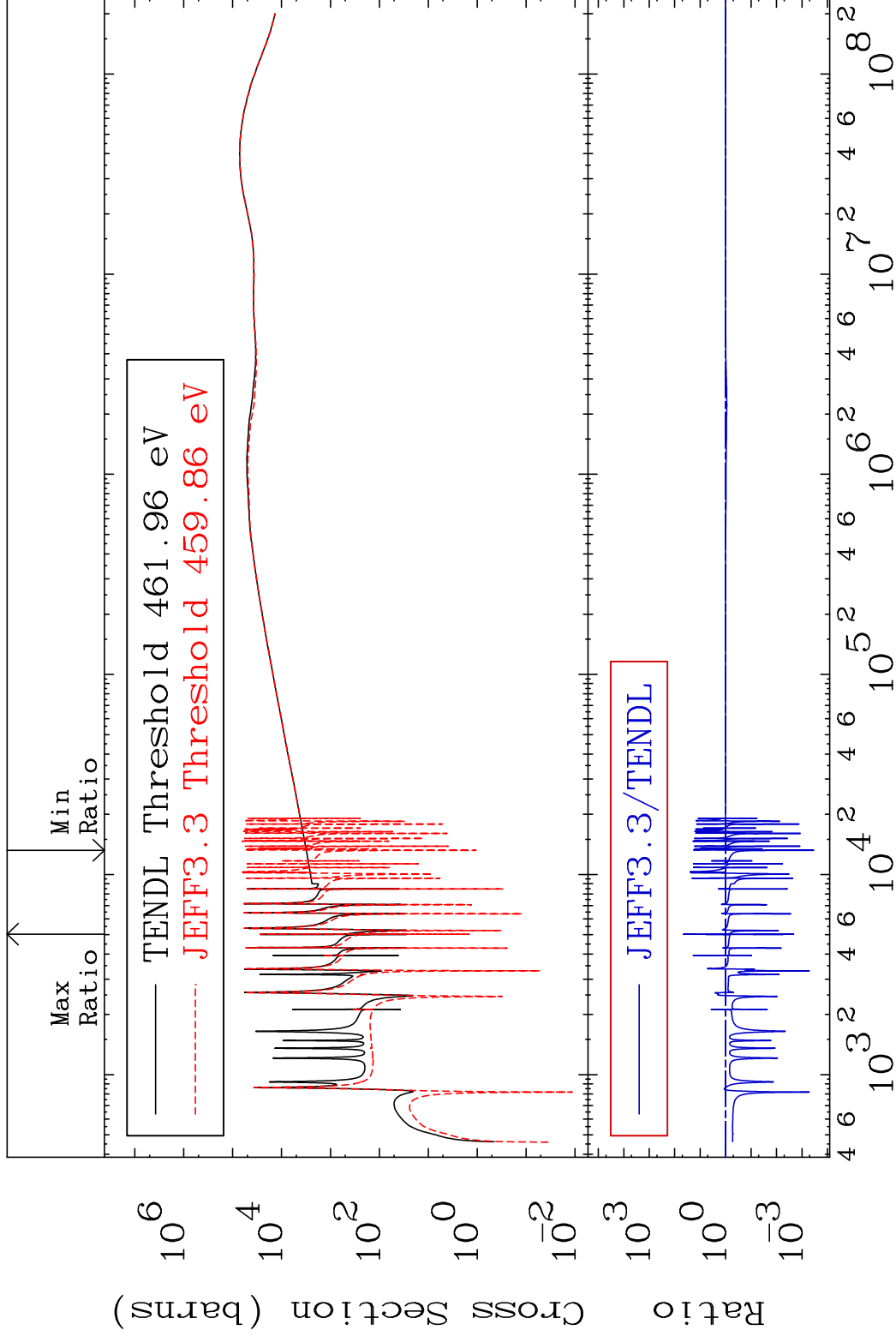


MAT 3431

Dpa elastic (mt2)

34-Se-76

Cross Section -99.97 To 4418. %

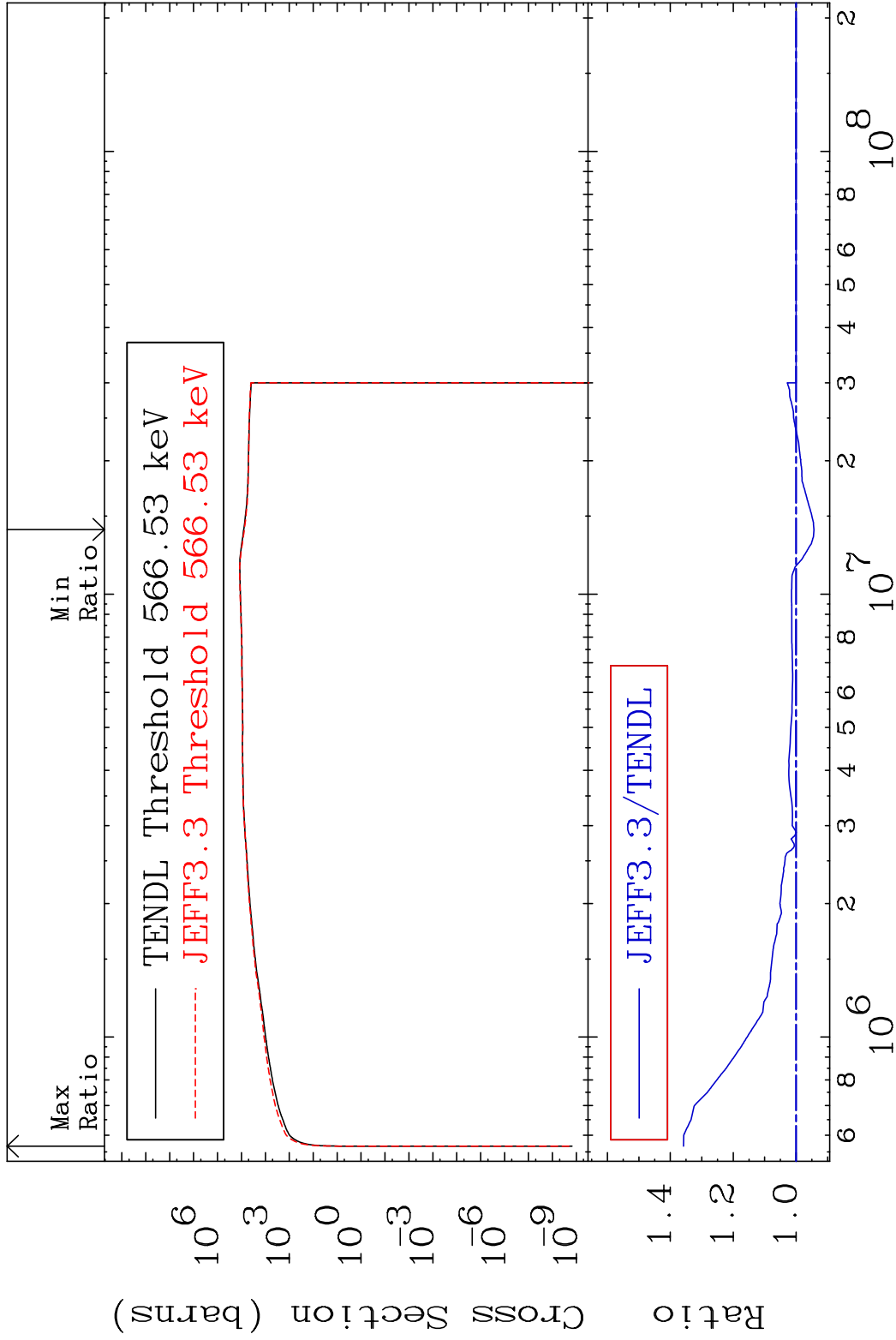


63

Incident Energy (eV)

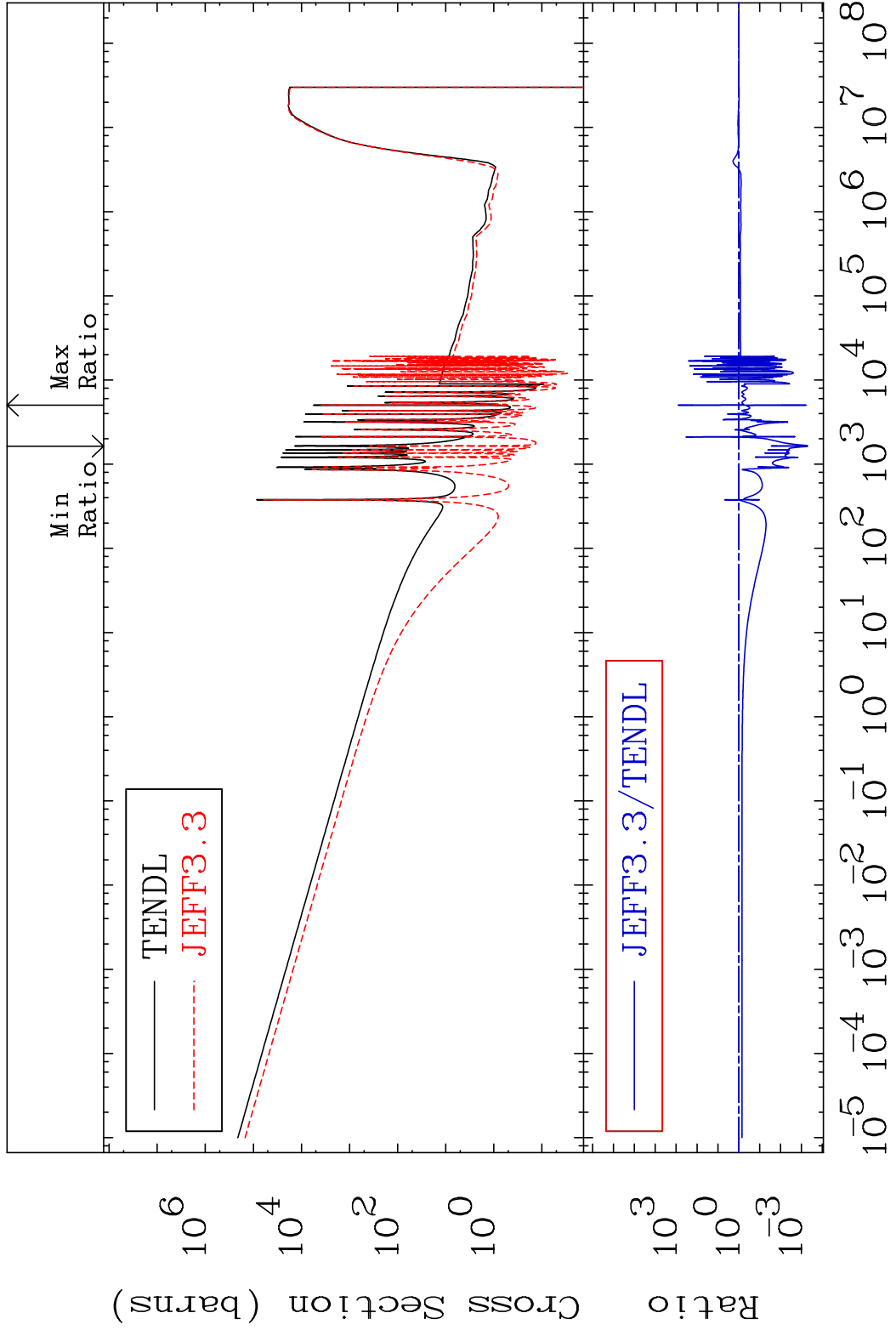
34-Se-76

MAT 3431 Dpa inelastic (mt51-91) ³⁴Se-76
 Cross Section -5.641 To 35.83 %

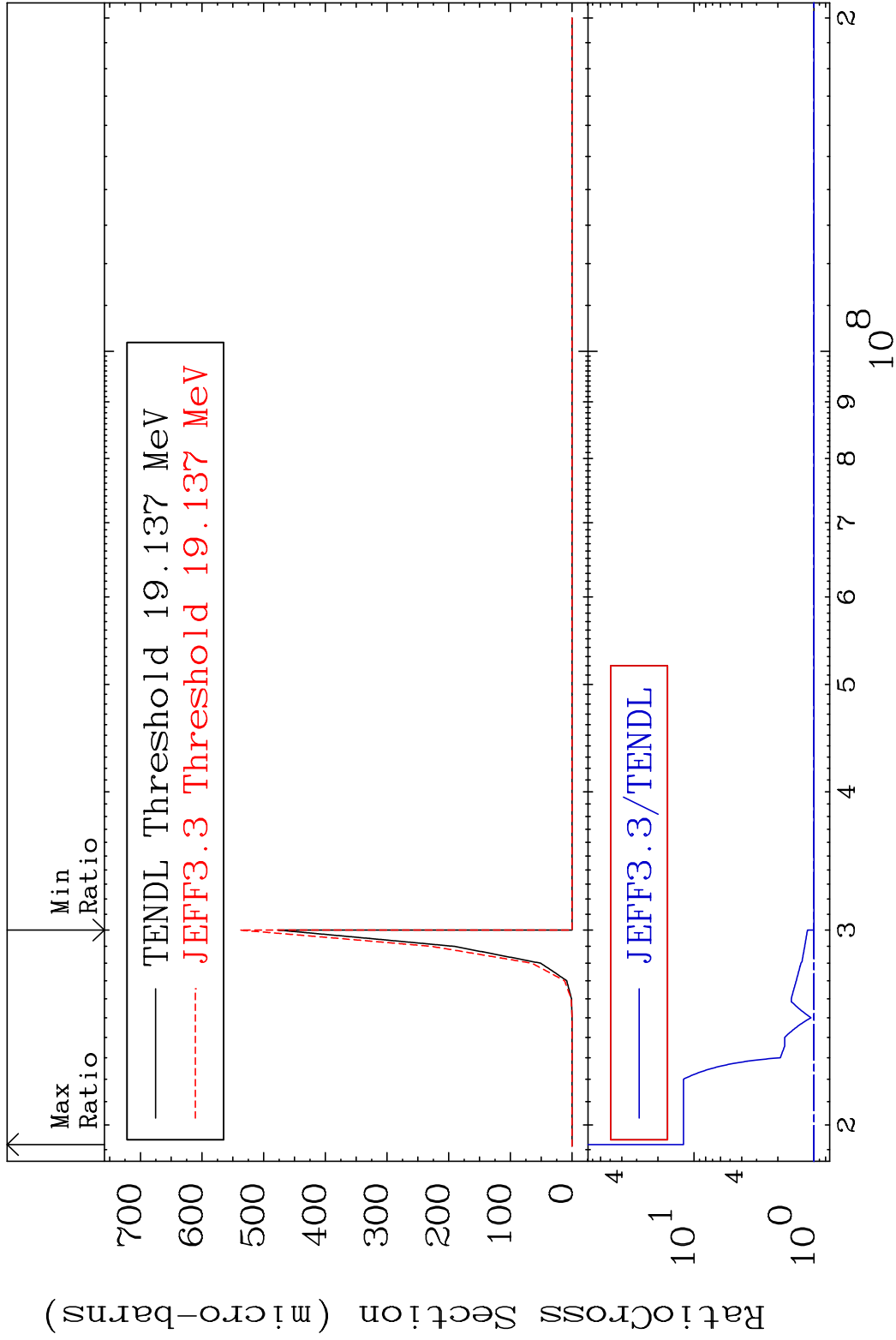


64 Incident Energy (eV) ³⁴Se-76

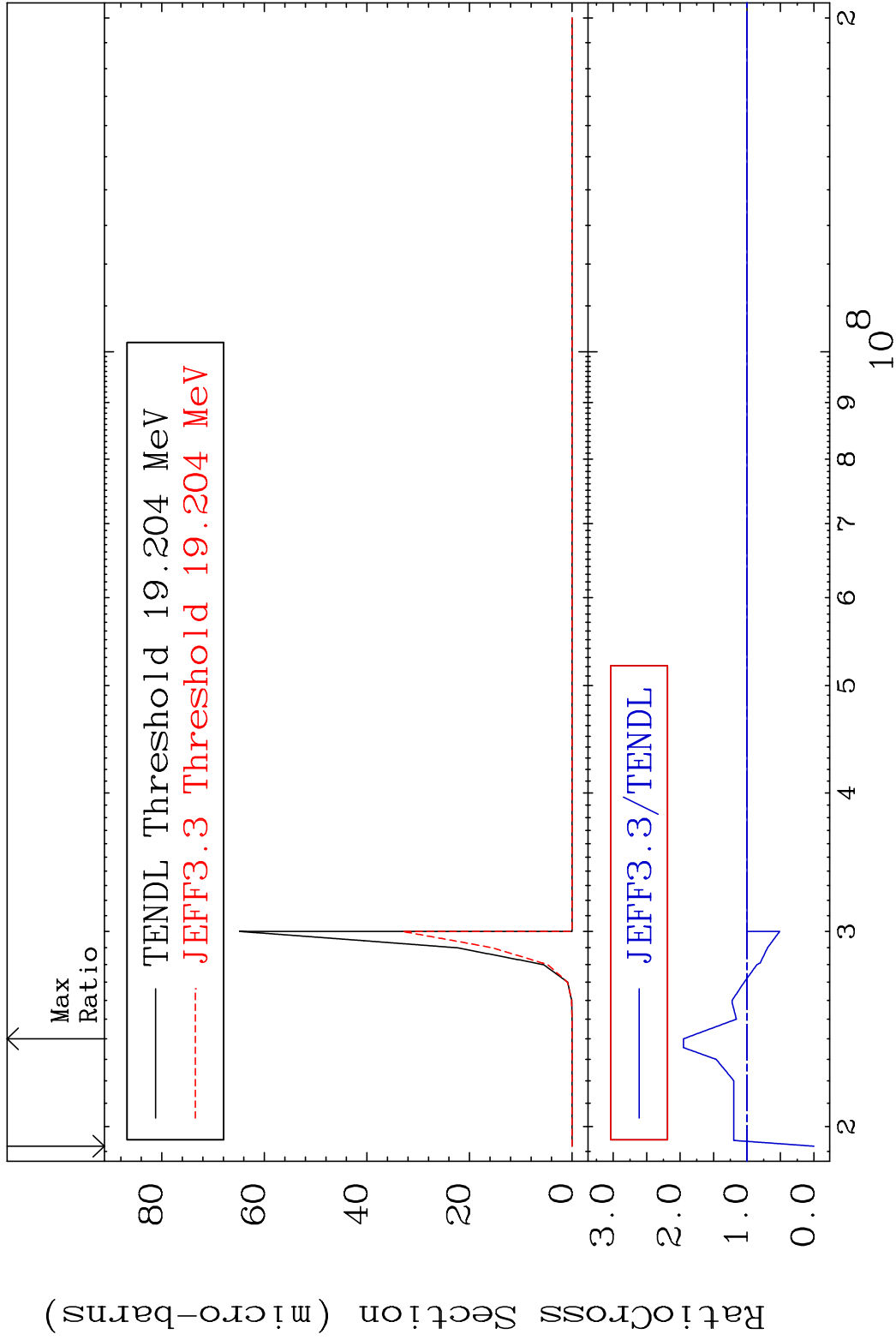
MAT 3431 Dpa disappearance (mt102 -120) 34-Se-76
 Cross Section -99.95 To 9999. %



65 Incident Energy (eV) 34-Se-76

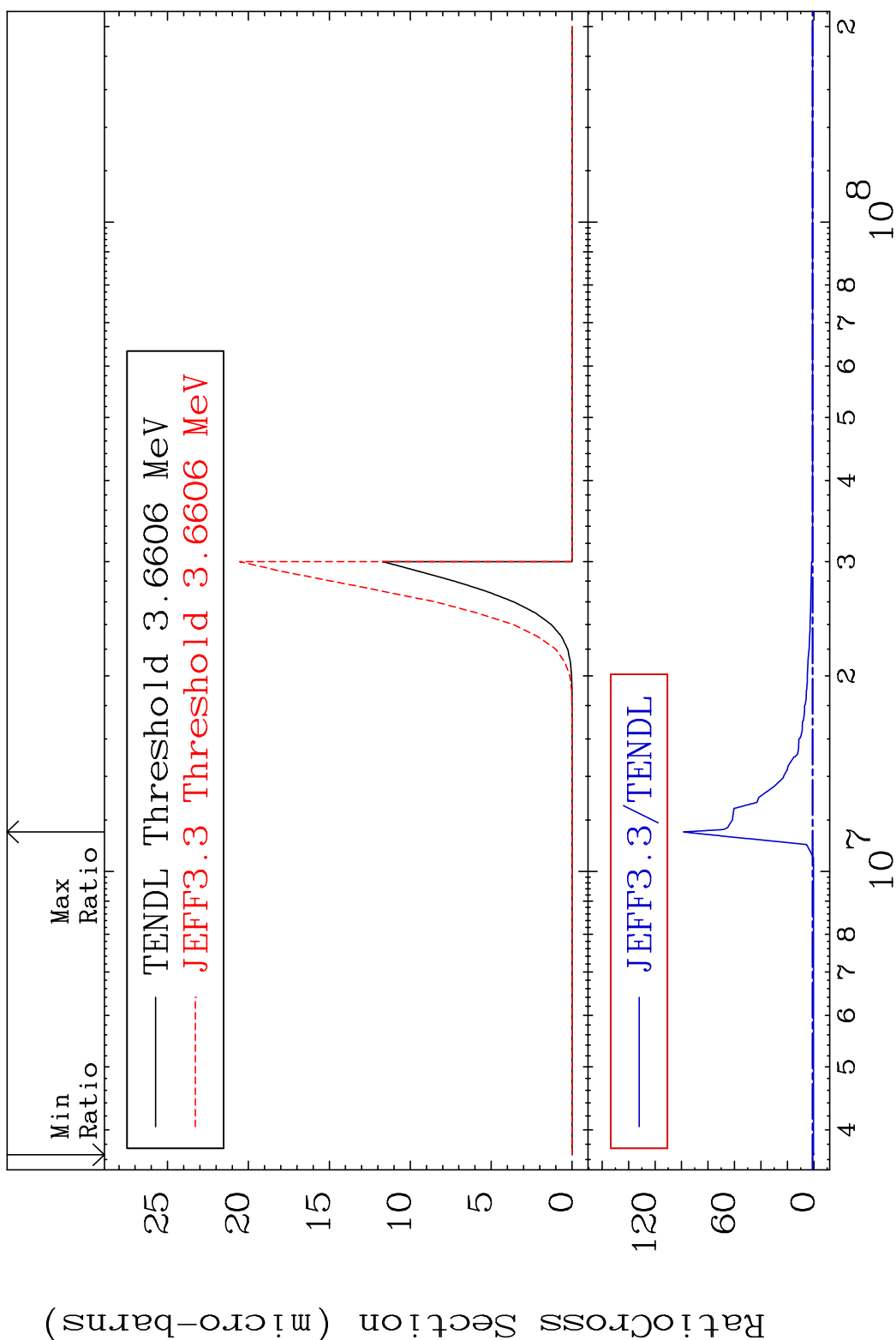


MAT 3431 (n, n') He-3:32-Ge-73m2 34-Se-76
 Radionuclide Production Cross Section 180000 dpo 95.00 %

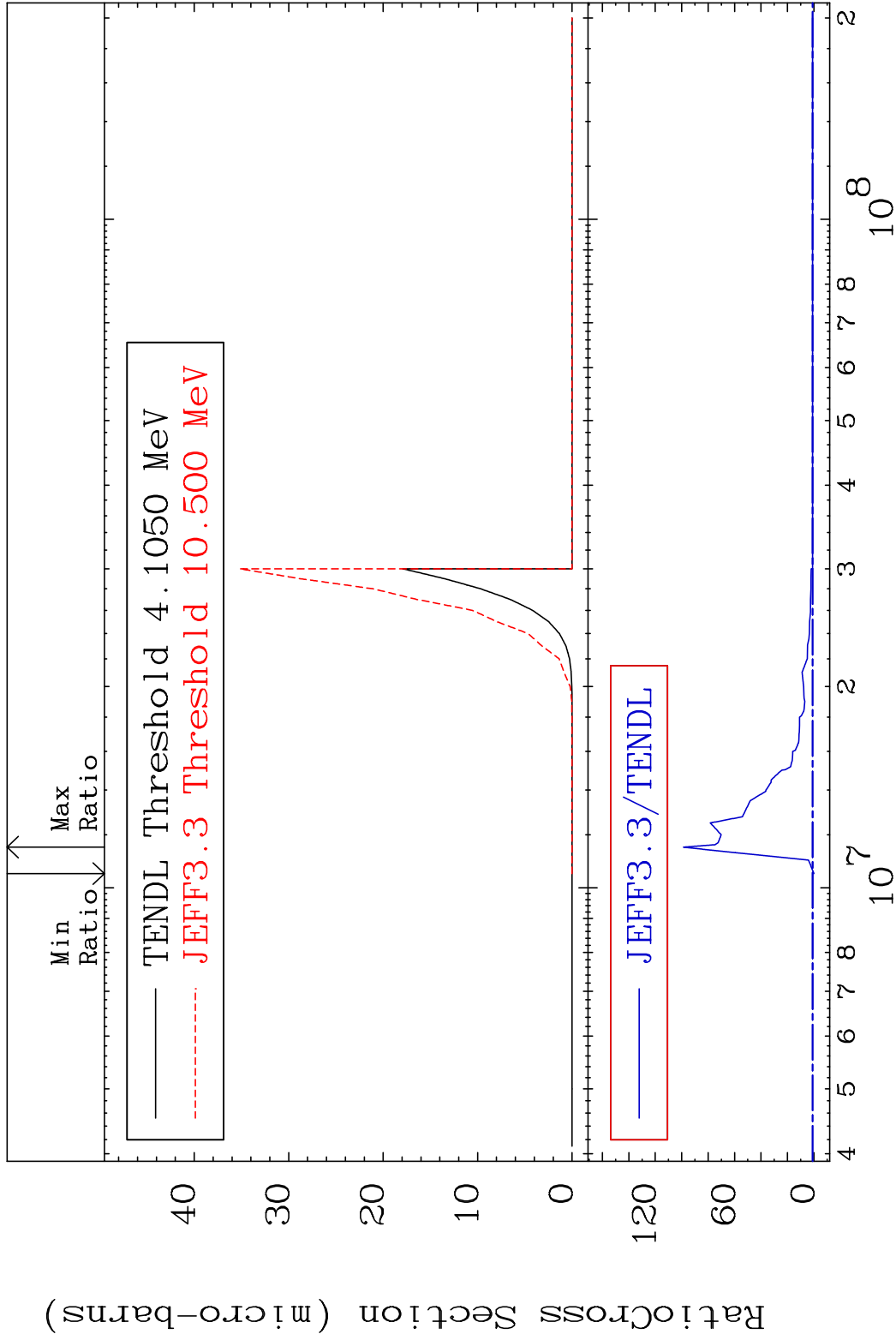


67 Incident Energy (eV) 34-Se-76

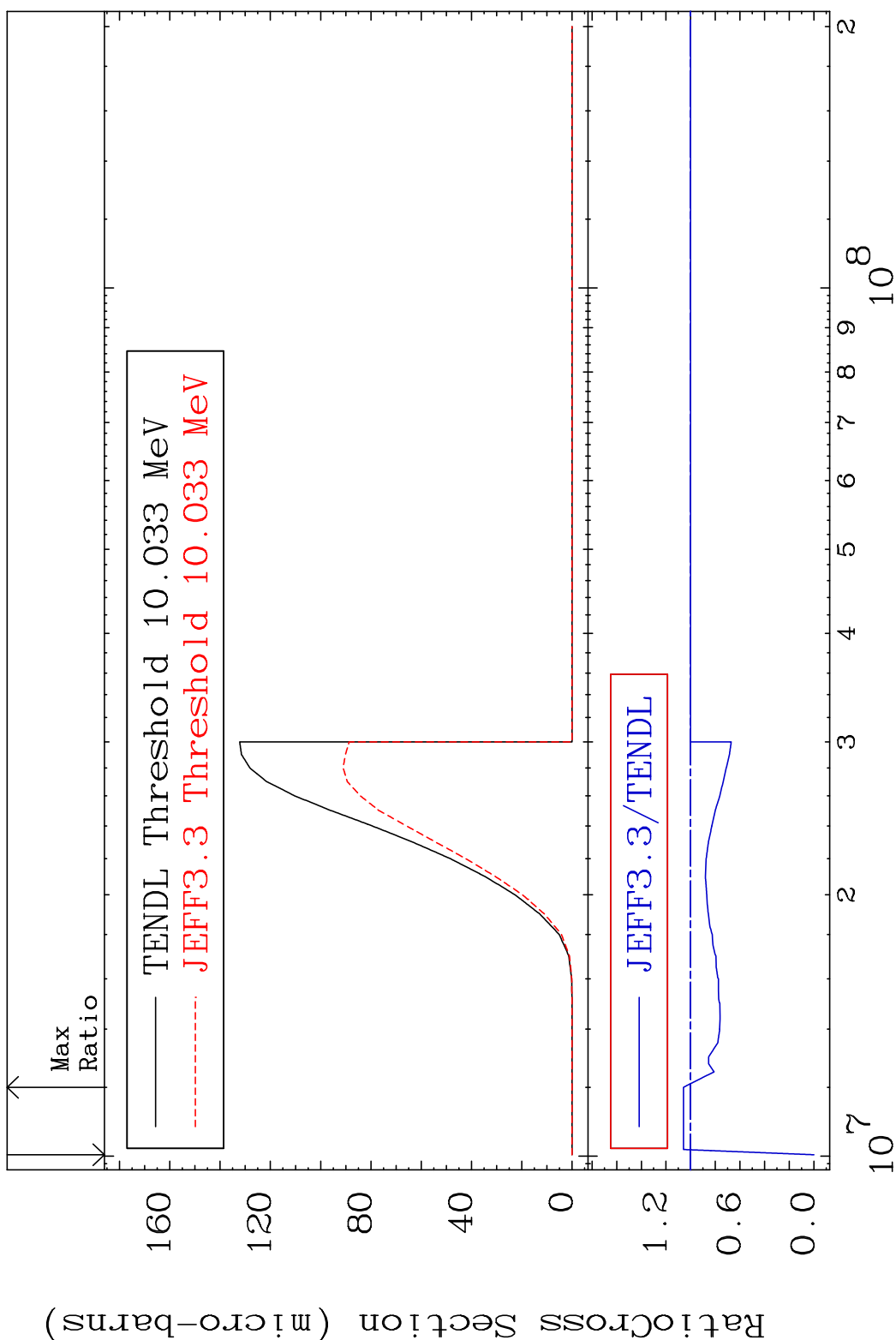
MAT 3431 (n,2α):30-Zn-69g 34-Se-76
 Radionuclide Production Cross Section 180000 dtd 9755. %



68 Incident Energy (eV) 34-Se-76

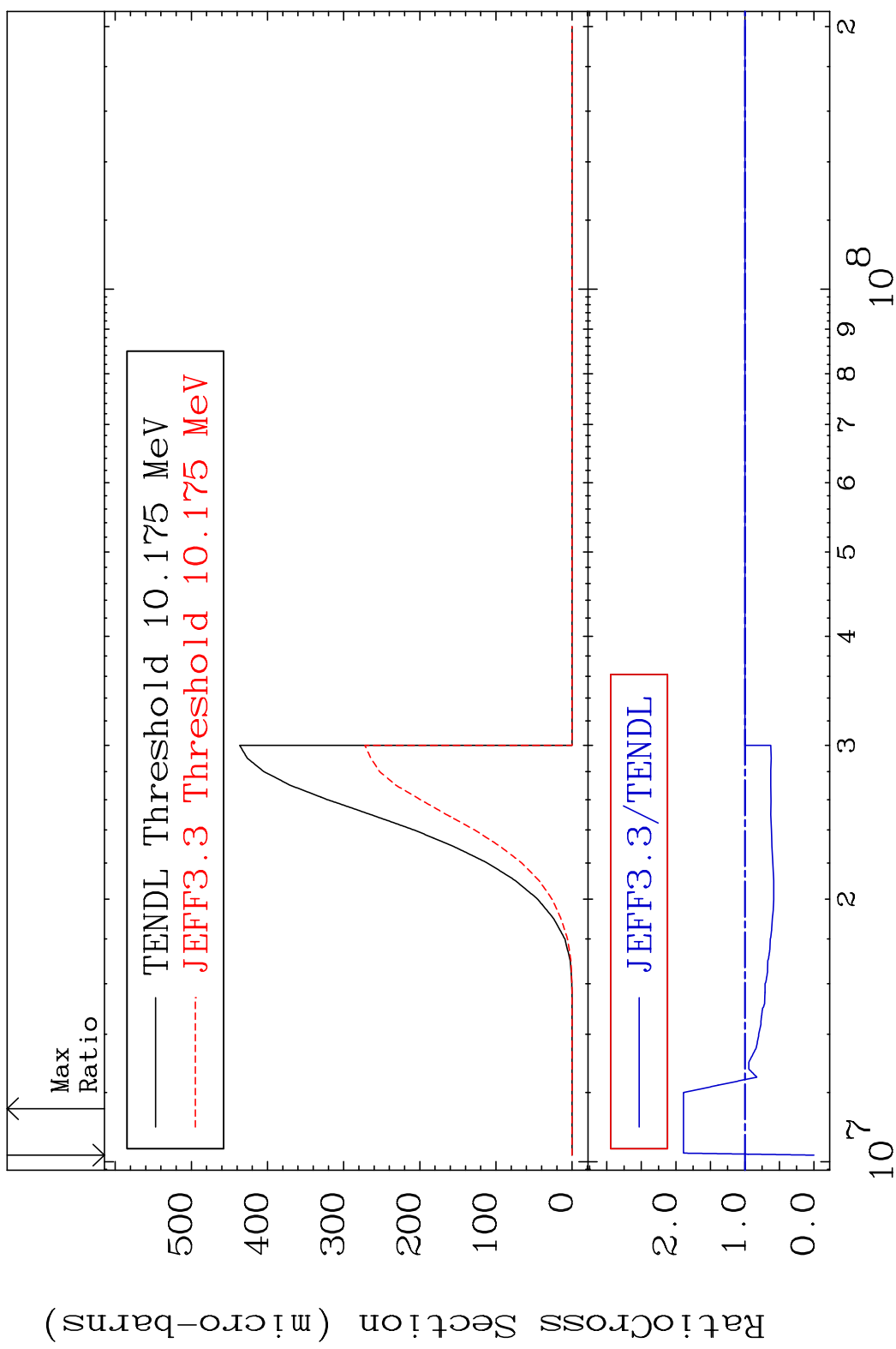


MAT 3431 (n,2p):32-Ge-75g 34-Se-76
 Radionuclide Production Cross Section 180000 dpo 5.837 %

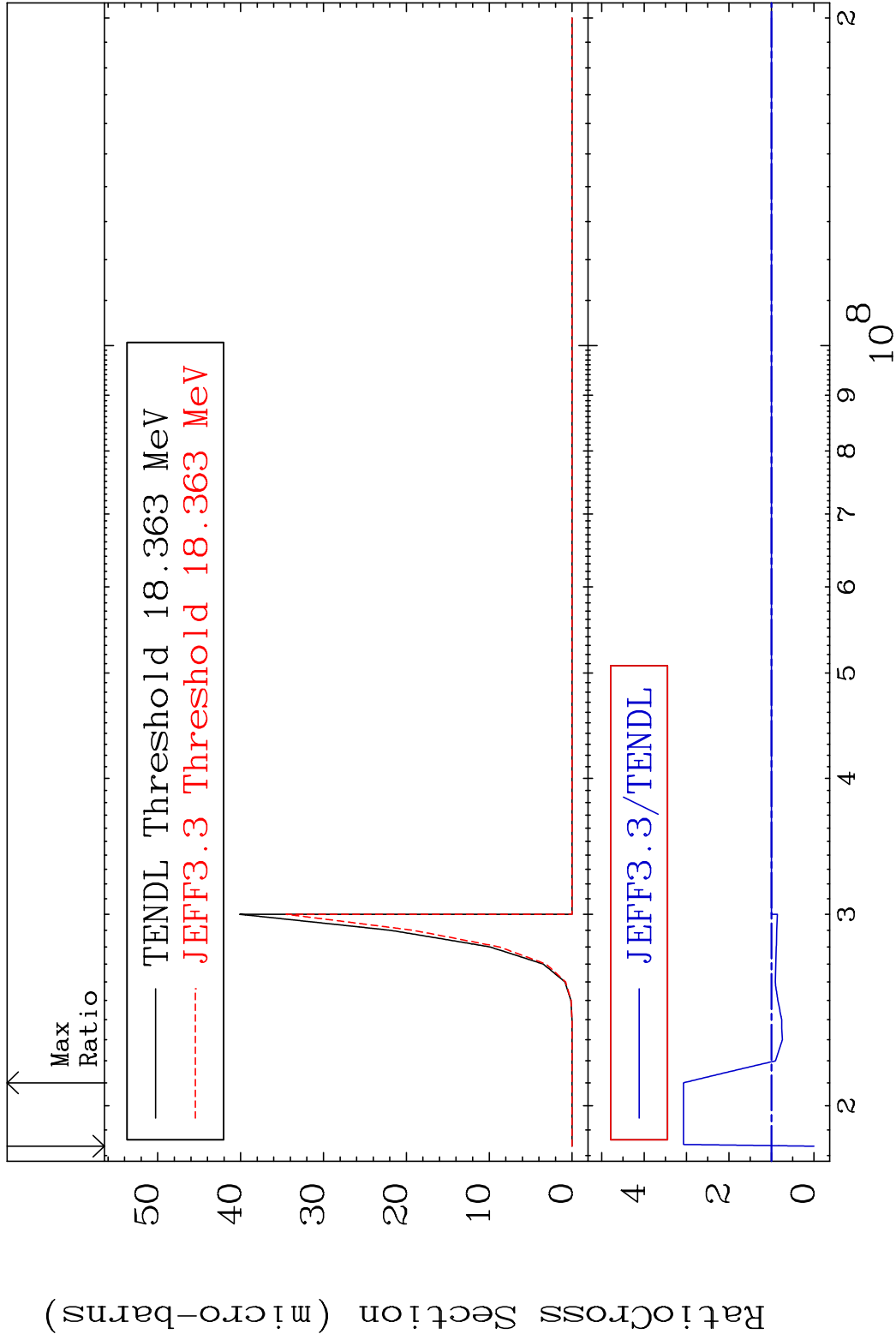


70 34-Se-76

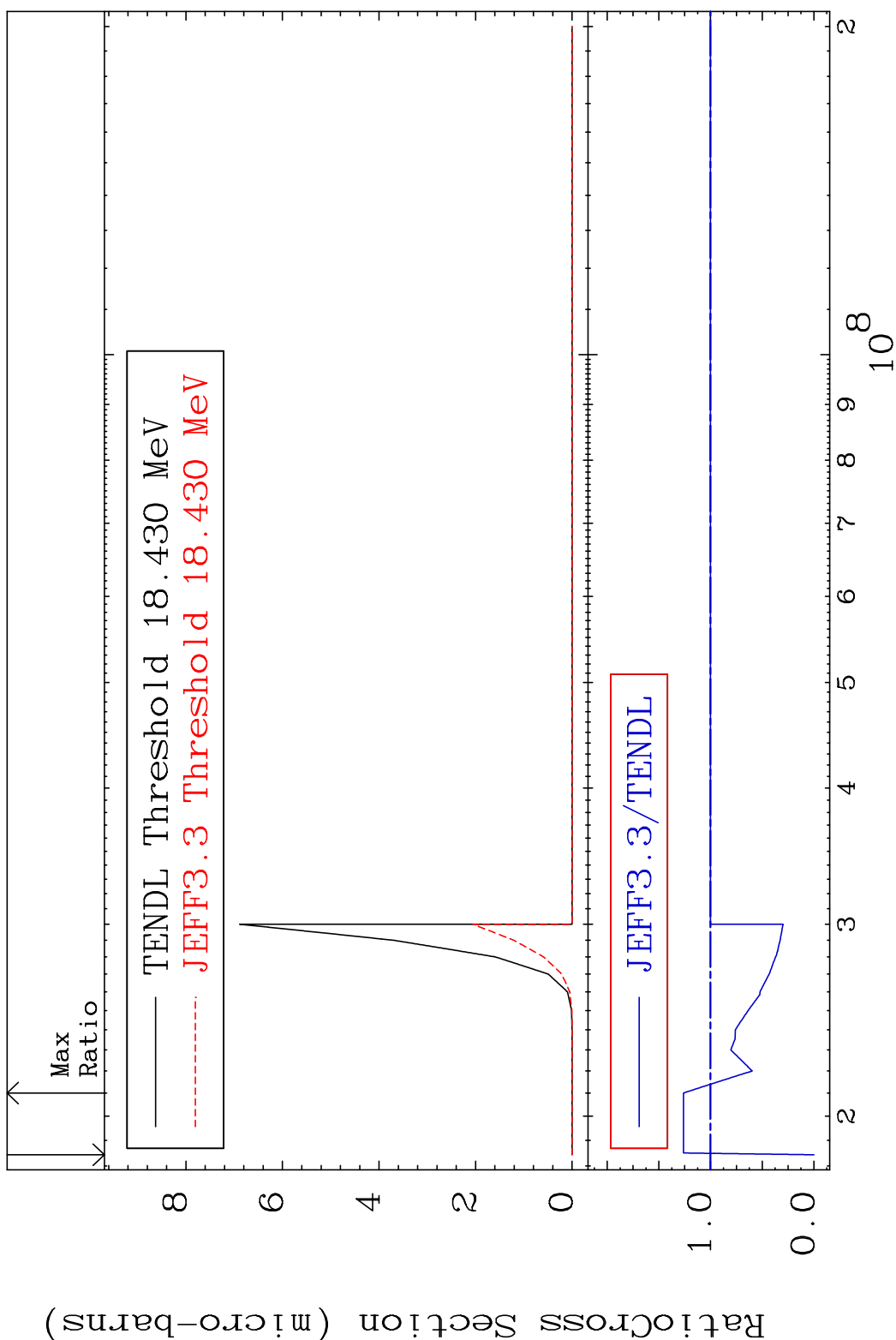
MAT 3431 (n,2p): 32-Ge-75m2 34-Se-76
 Radionuclide Production Cross Section 180000 dpo 88.98 %



71 Incident Energy (eV) 34-Se-76



MAT 3431 (n,p) t:32-Ge-73m2 34-Se-76
 Radionuclide Production Cross Section 18.430 MeV 26.22 %



73 Incident Energy (eV) 34-Se-76