

Program Complot
(Version 2021-1)

by

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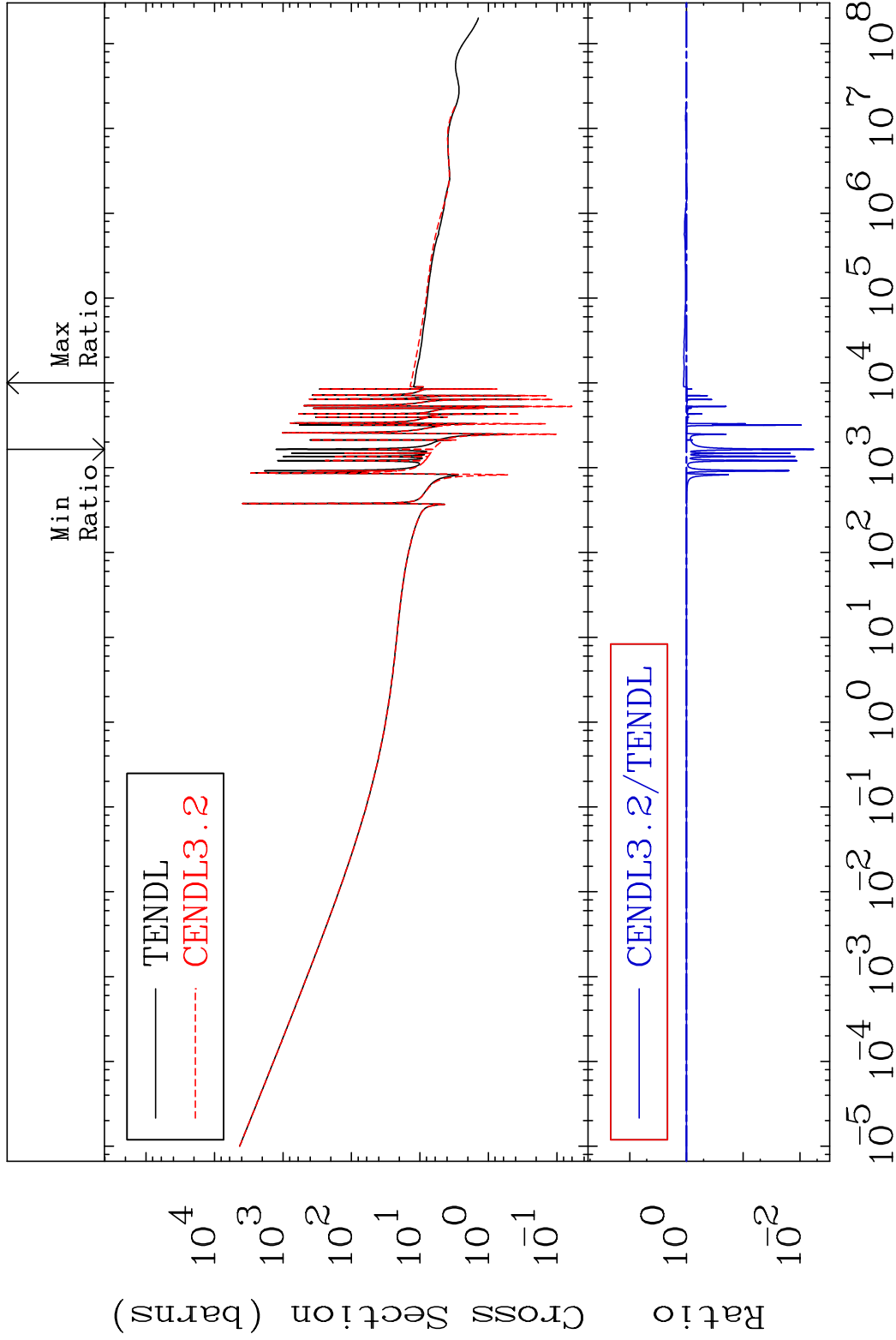
Press Mouse Button to Start

MAT 3431

Total

³⁴Se-76

Cross Section -99.43 To 12.95 %



1

Incident Energy (eV)

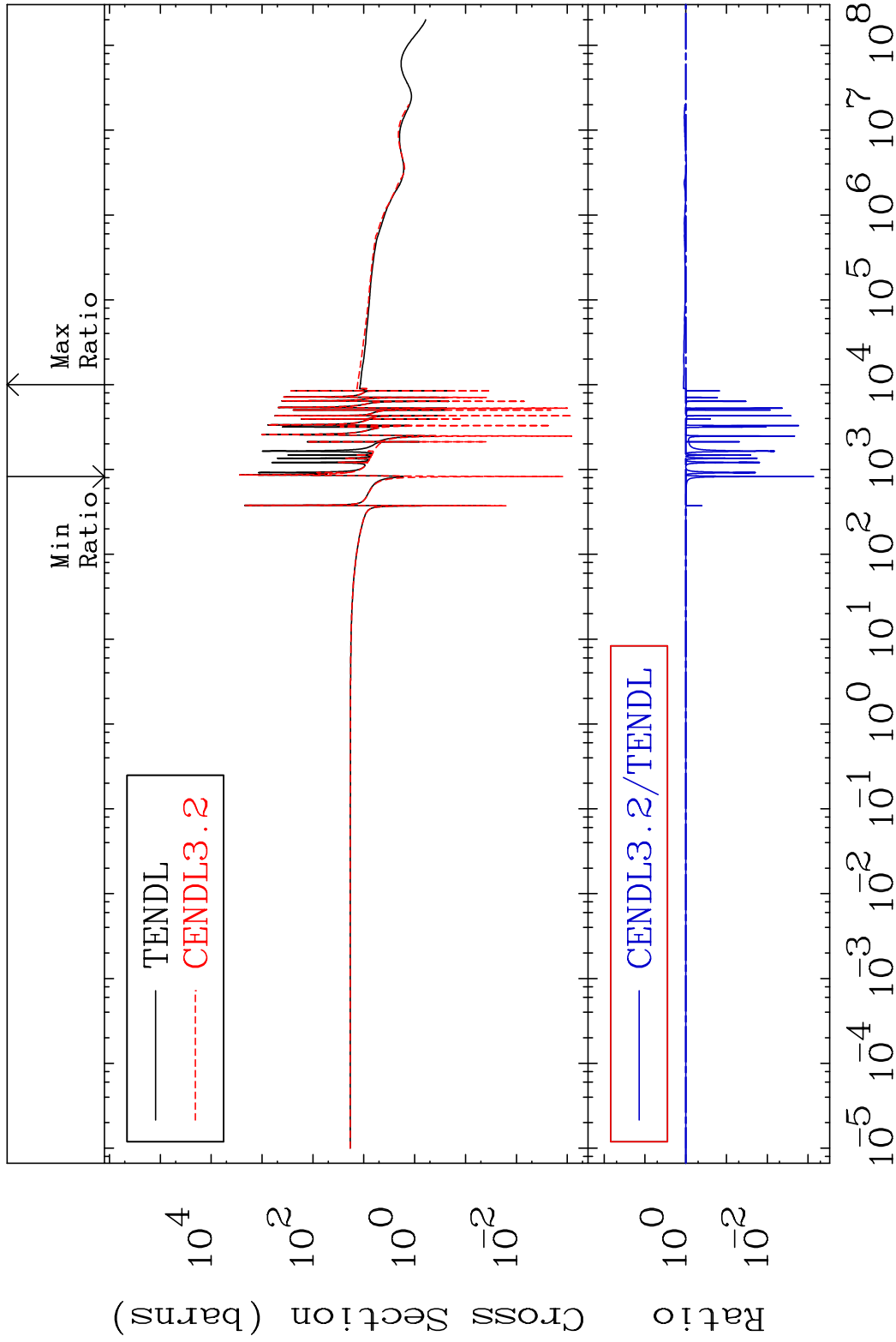
³⁴Se-76

MAT 3431

Elastic

³⁴Se-76

Cross Section -99.93 To 13.74 %



2

Incident Energy (eV)

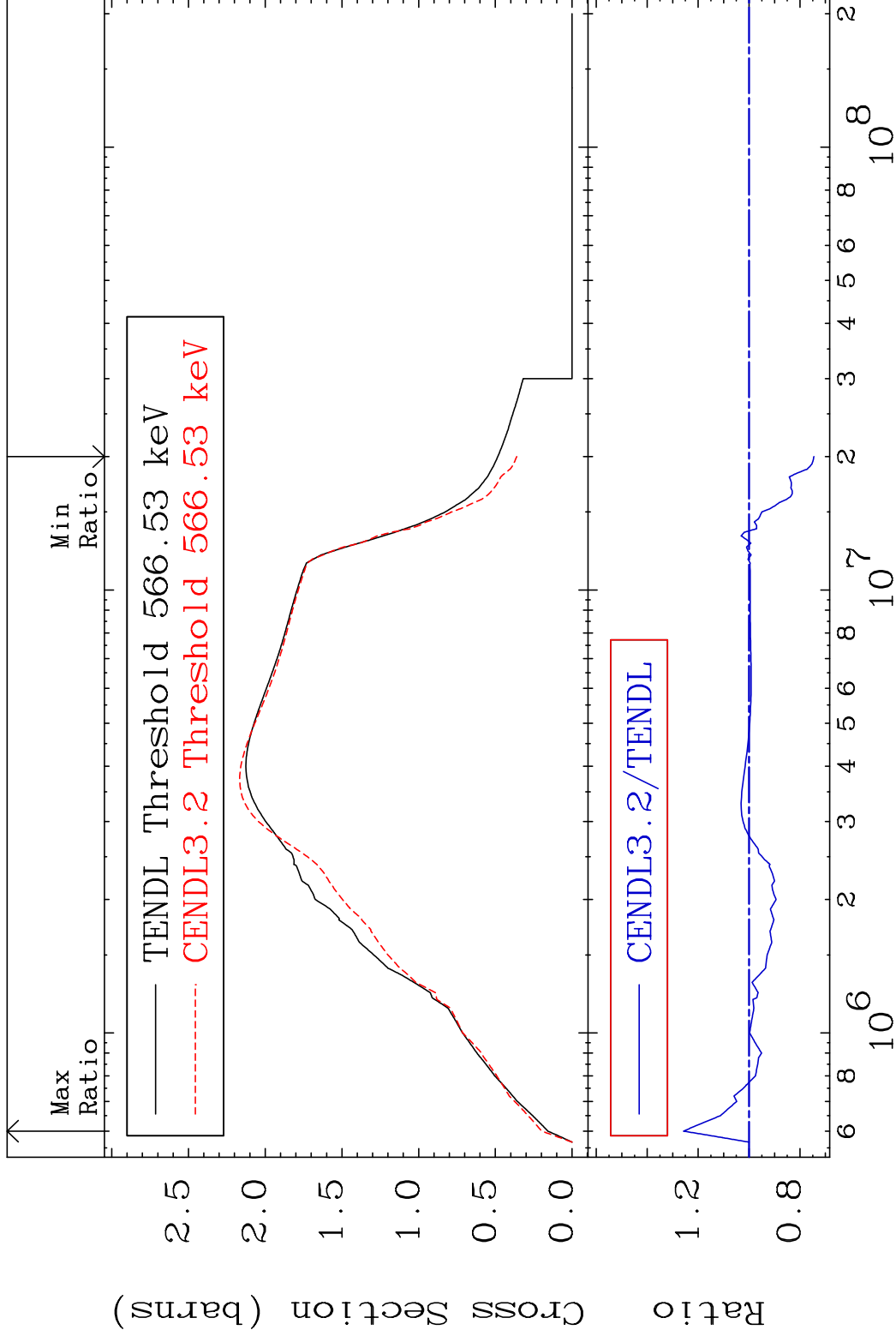
³⁴Se-76

MAT 3431

Inelastic

³⁴Se-76

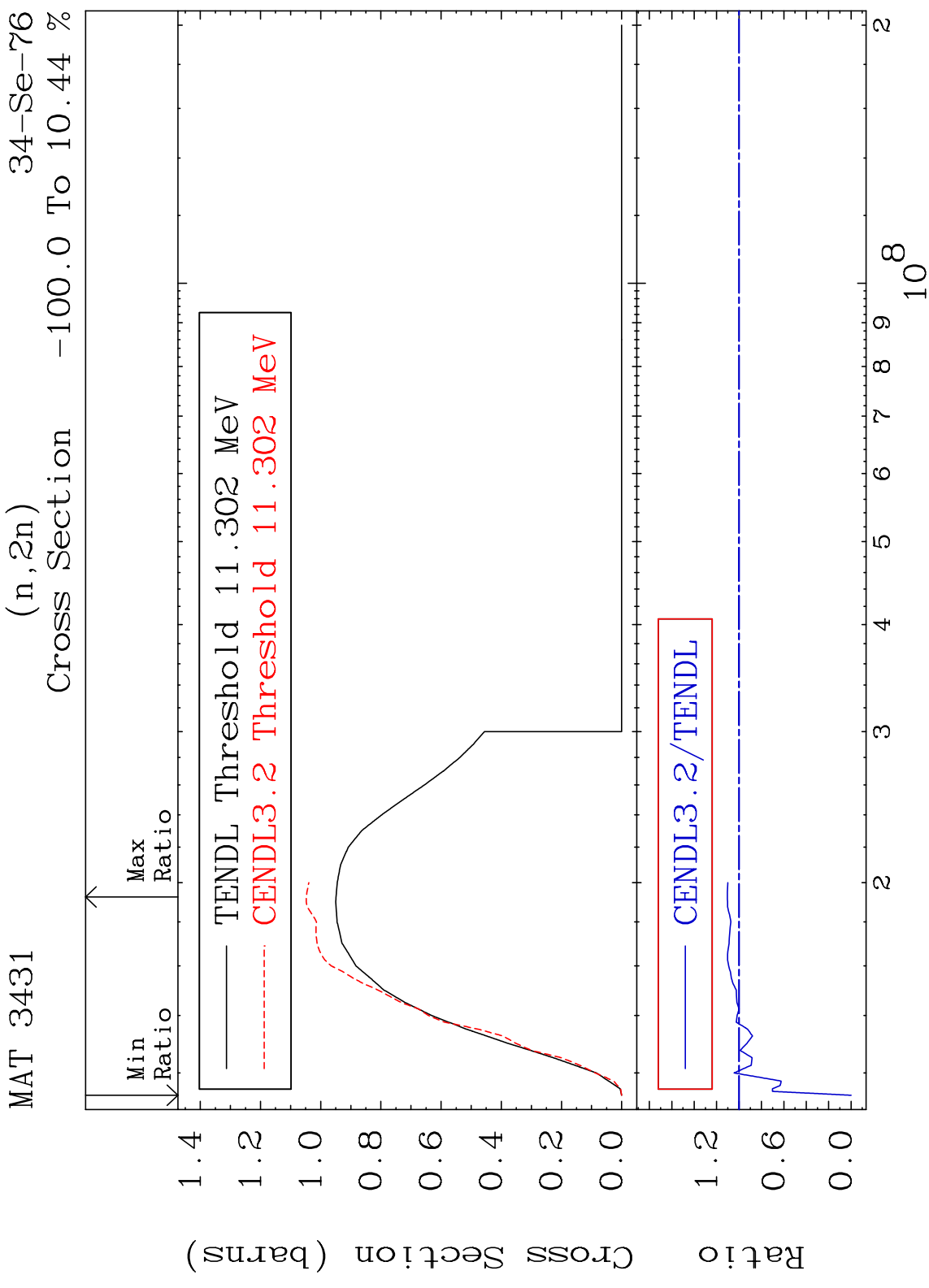
Cross Section -25.45 To 25.77 %



3

Incident Energy (eV)

³⁴Se-76

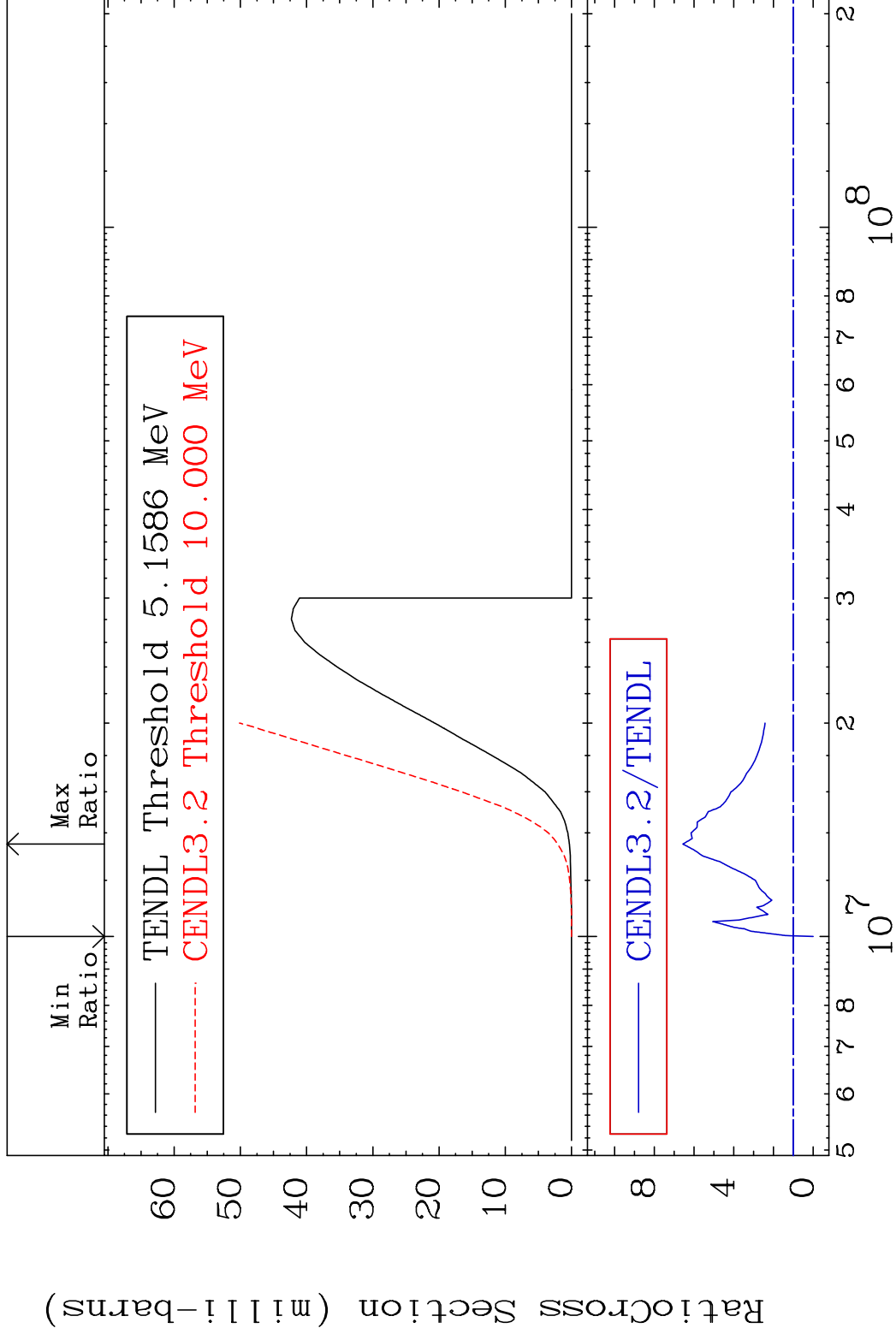


MAT 3431

(n, n') α

³⁴Se-76

Cross Section -100.0 To 556.3 %

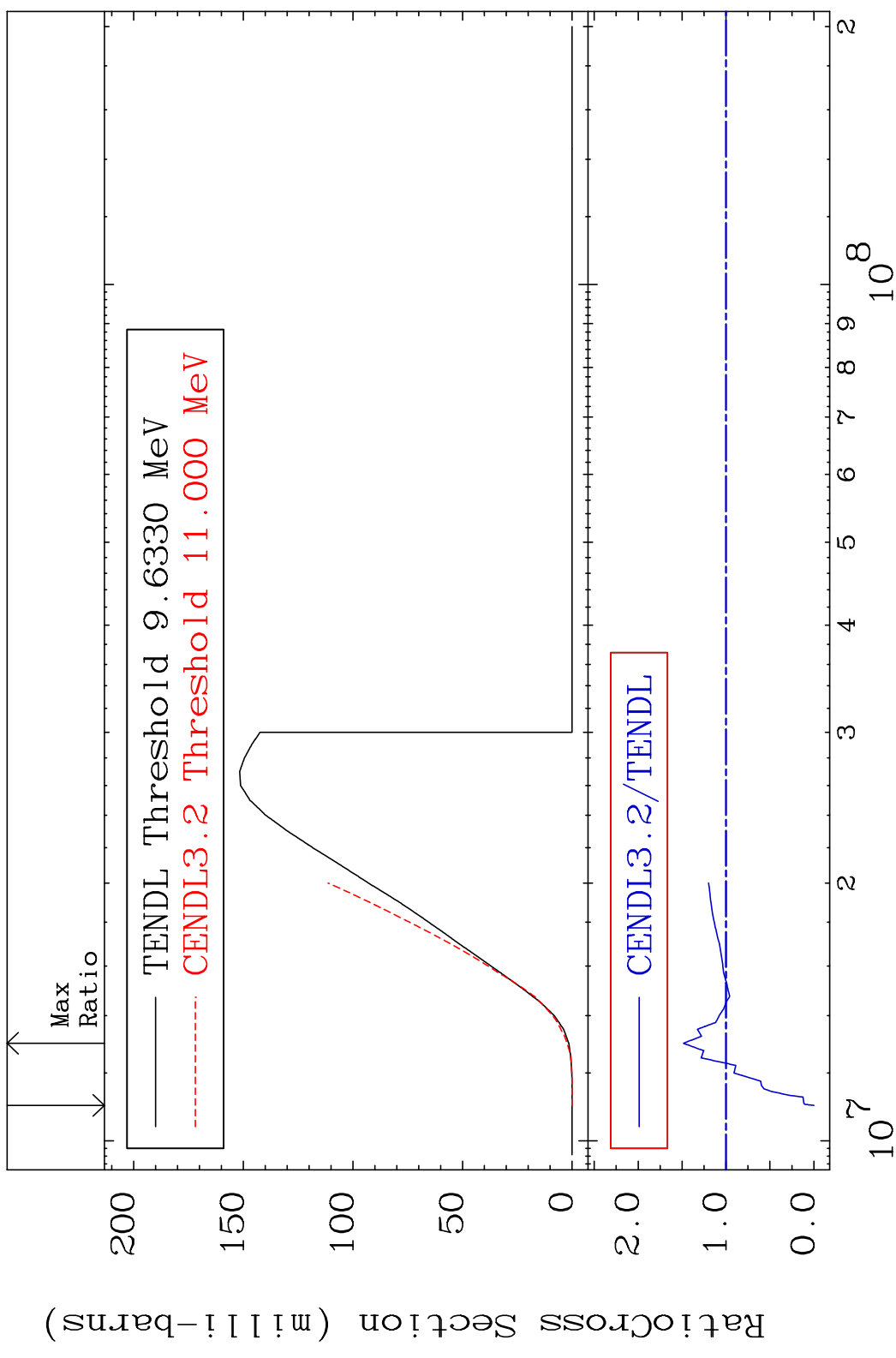


5

Incident Energy (eV)

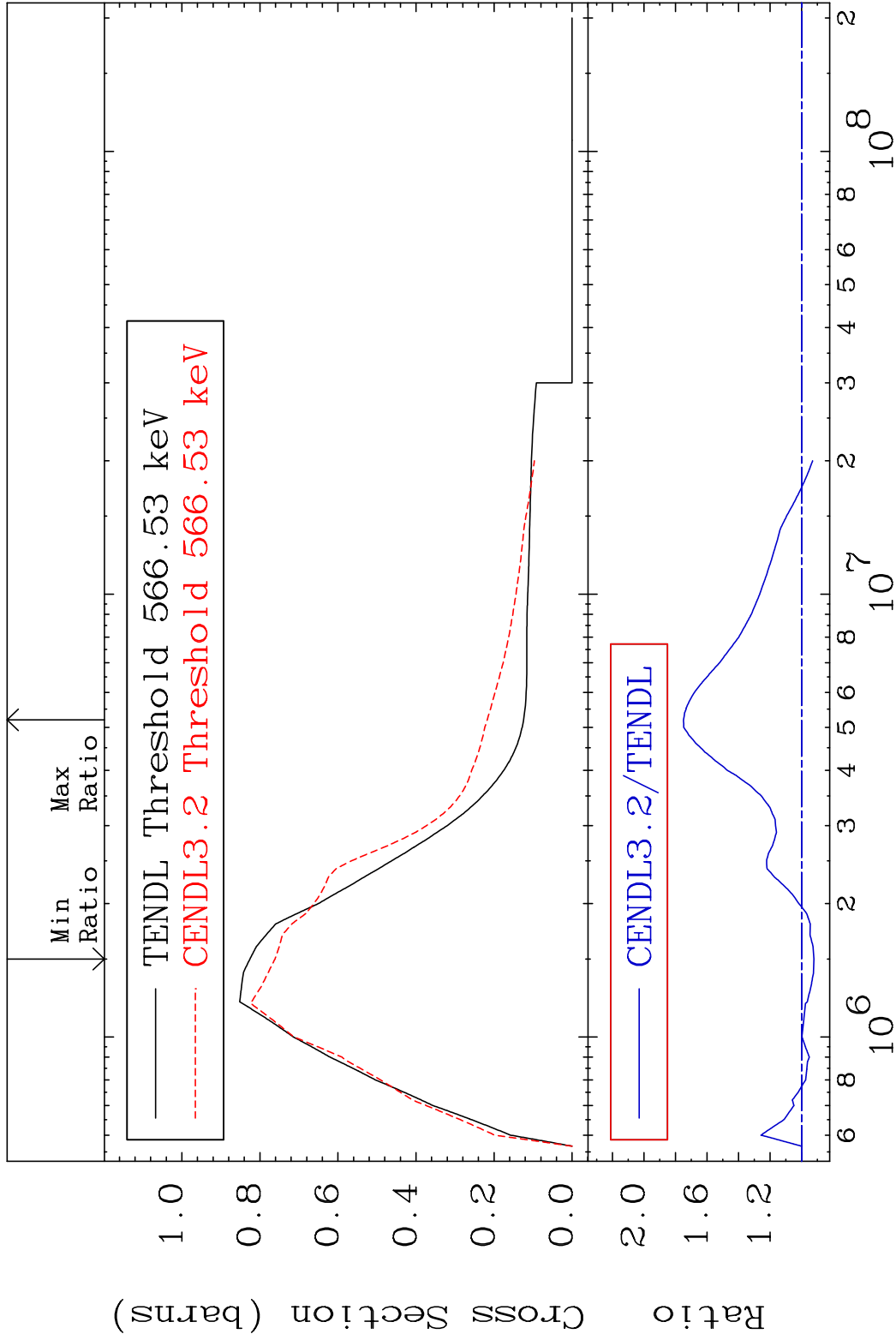
³⁴Se-76

MAT 3431 (n, n') p 34-Se-76
 Cross Section -100.0 To 48.44 %



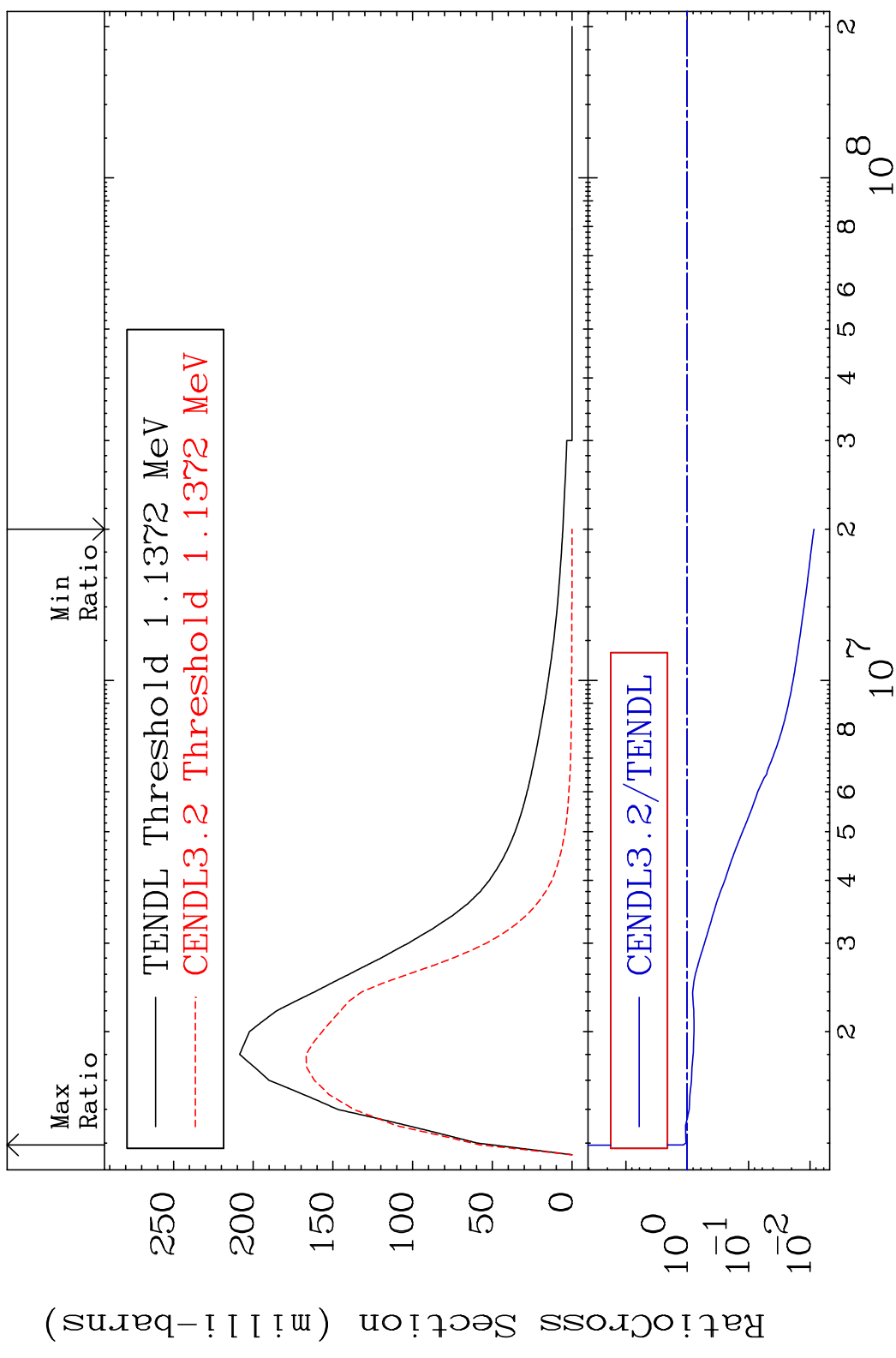
6 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 51 (n, n') Level 34-Se-76
 Cross Section -7.777 To 74.97 %

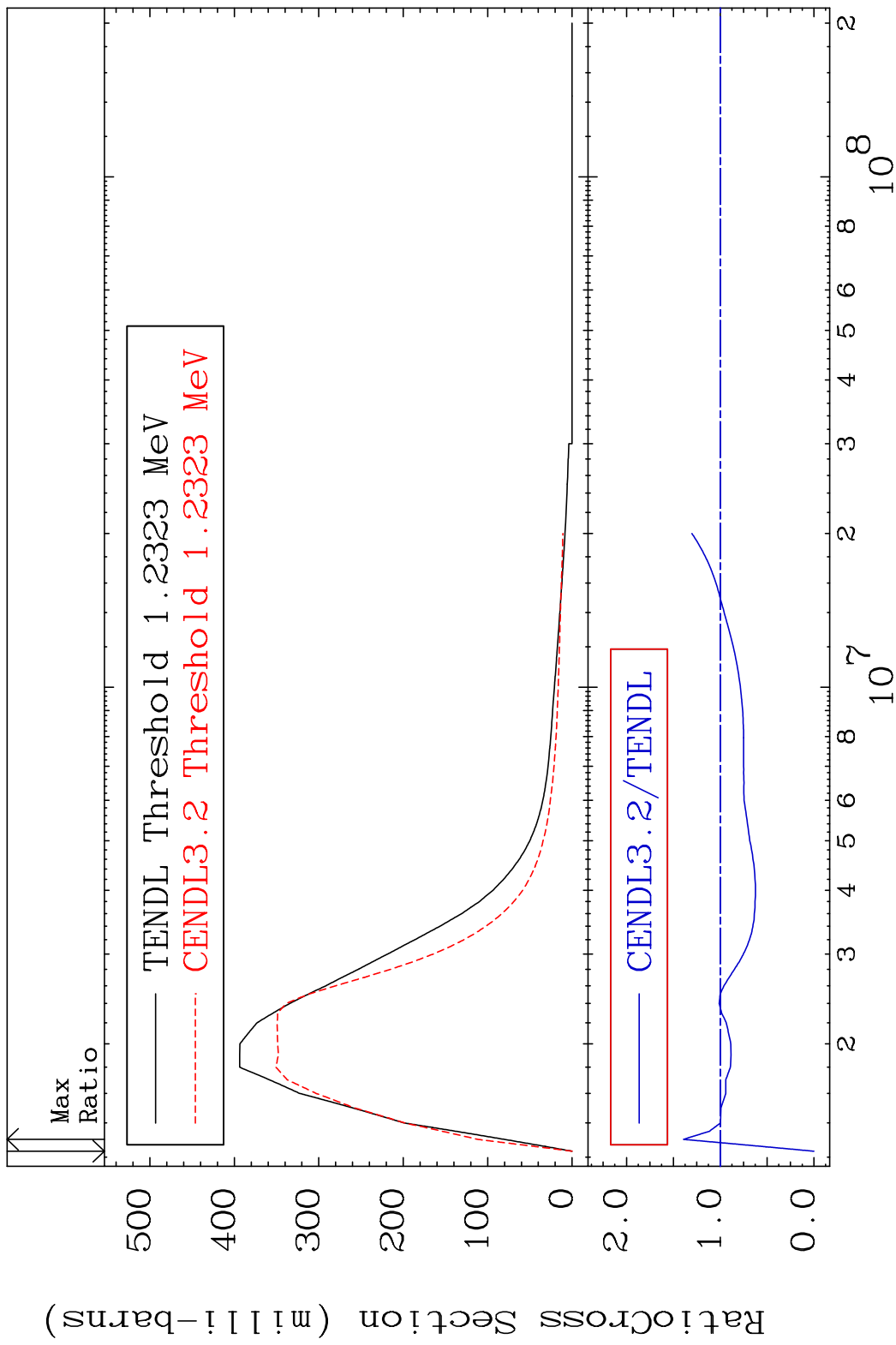


7 Incident Energy (eV) 34-Se-76

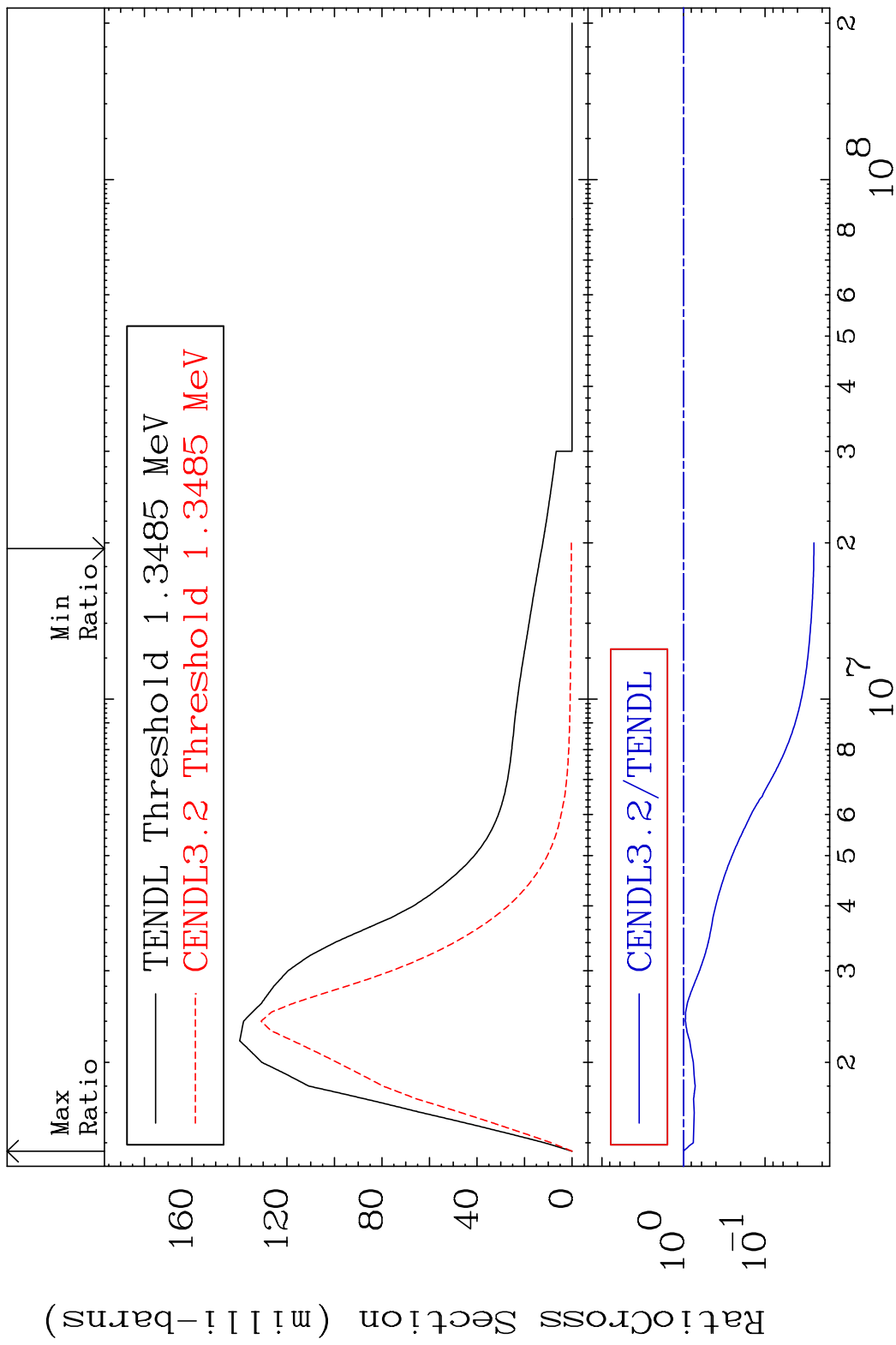
MAT 3431 MT= 52 (n, n') Level 34-Se-76
 Cross Section -99.13 To 15.27 %



MAT 3431 MT= 53 (n, n') Level 34-Se-76
 Cross Section -100.0 To 39.23 %

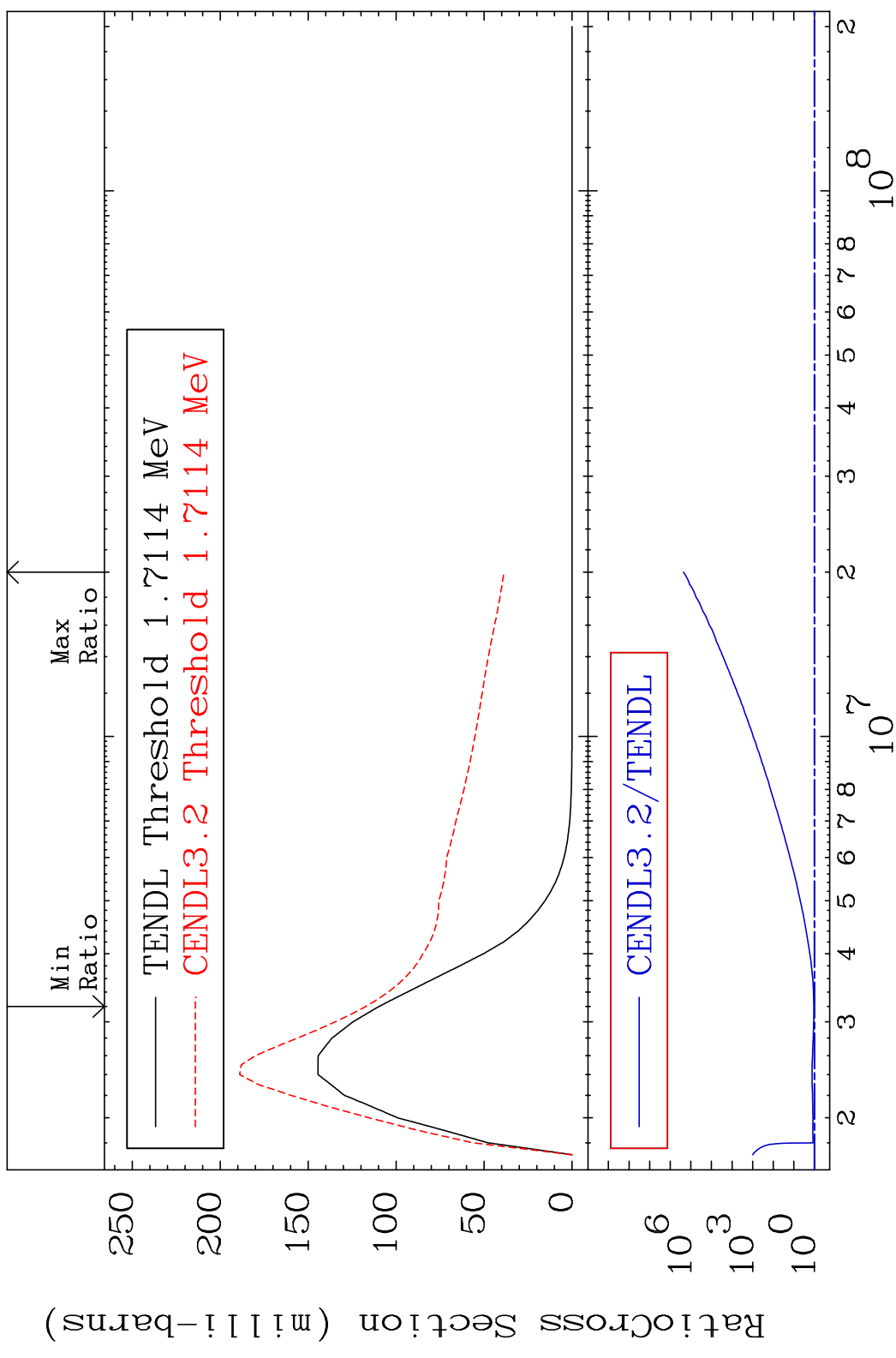


MAT 3431 MT= 54 (n, n') Level 34-Se-76
 Cross Section -97.48 To 0.000 %



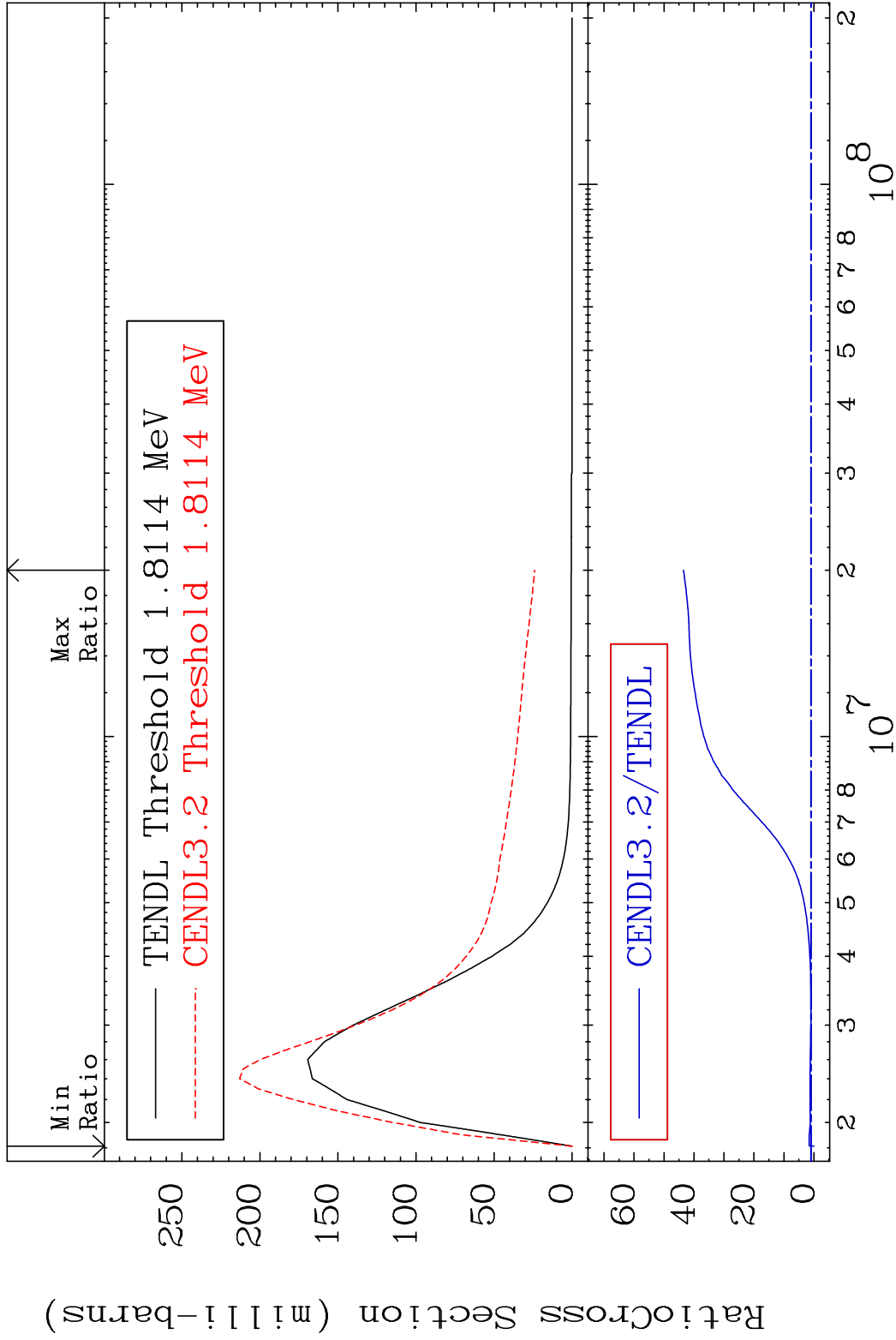
10 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 55 (n, n') Level 34-Se-76
 Cross Section 6.851 To 9999. %



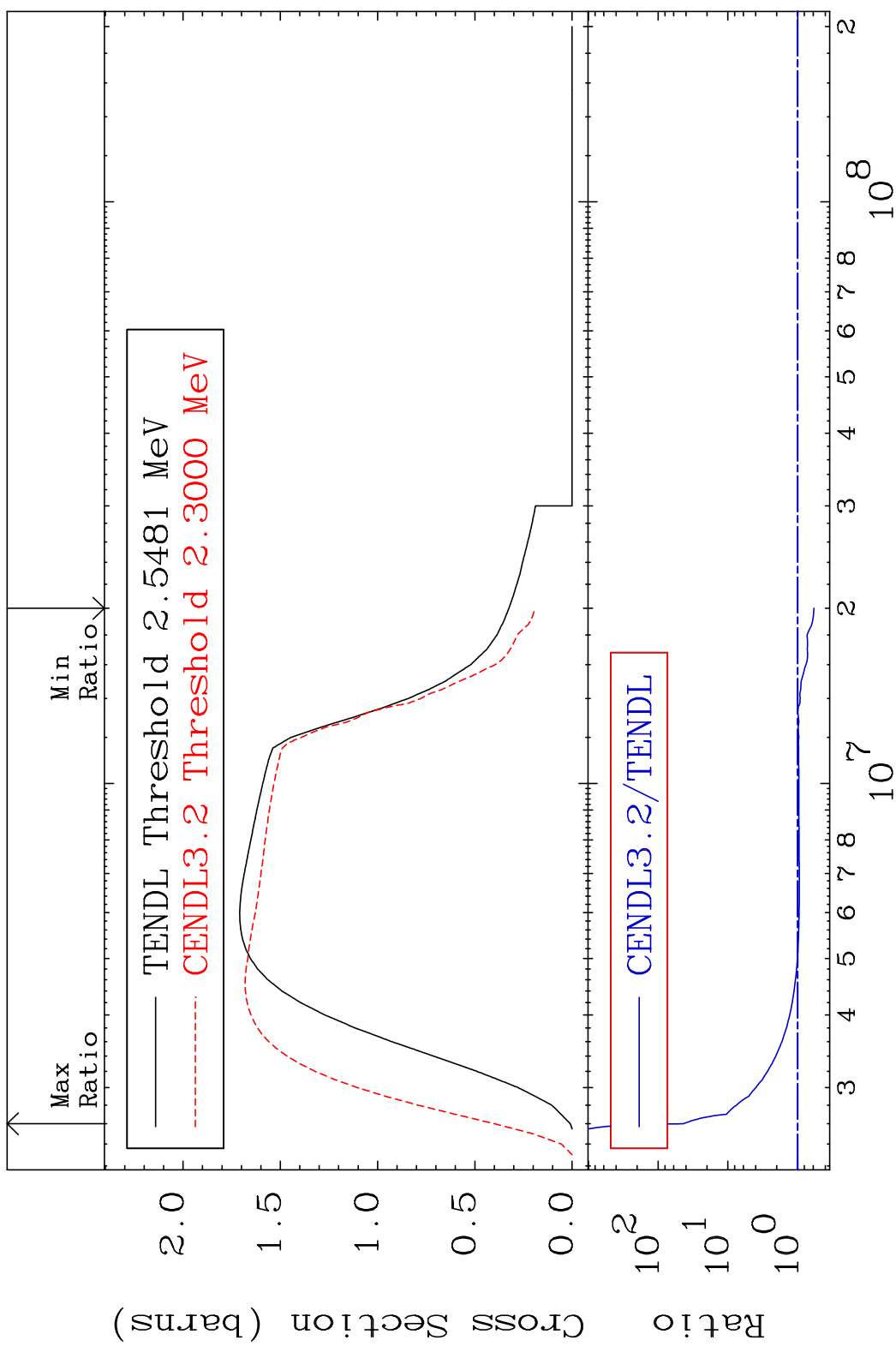
11 Incident Energy (eV) 34-Se-76

MAT 3431 MT= 56 (n, n') Level 34-Se-76
 Cross Section -100.0 To 4250. %



12 Incident Energy (eV) 34-Se-76

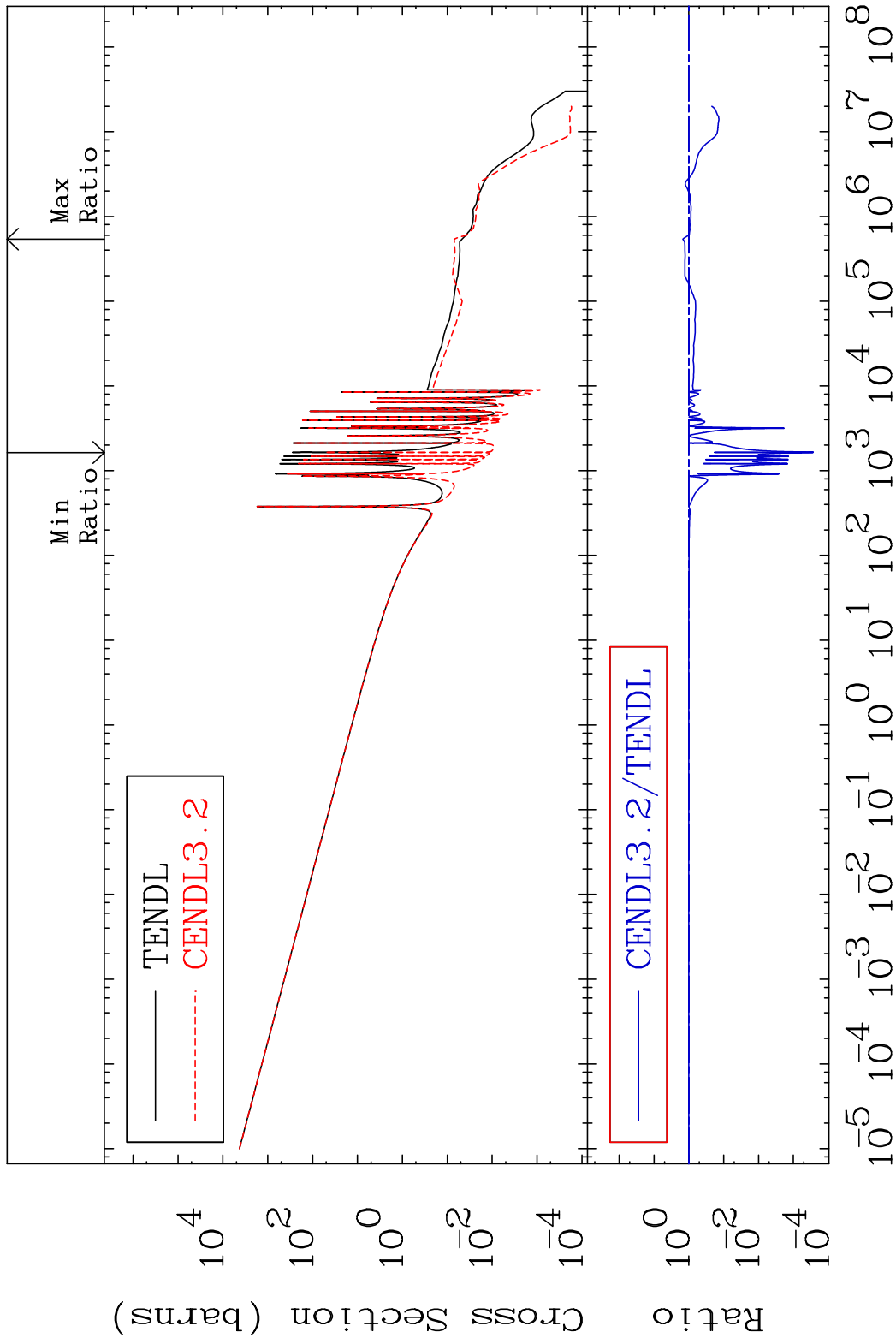
MAT 3431 (n, n') Continuum 34-Se-76
 Cross Section -41.44 To 4237. %



13 Incident Energy (eV) 34-Se-76

MAT 3431

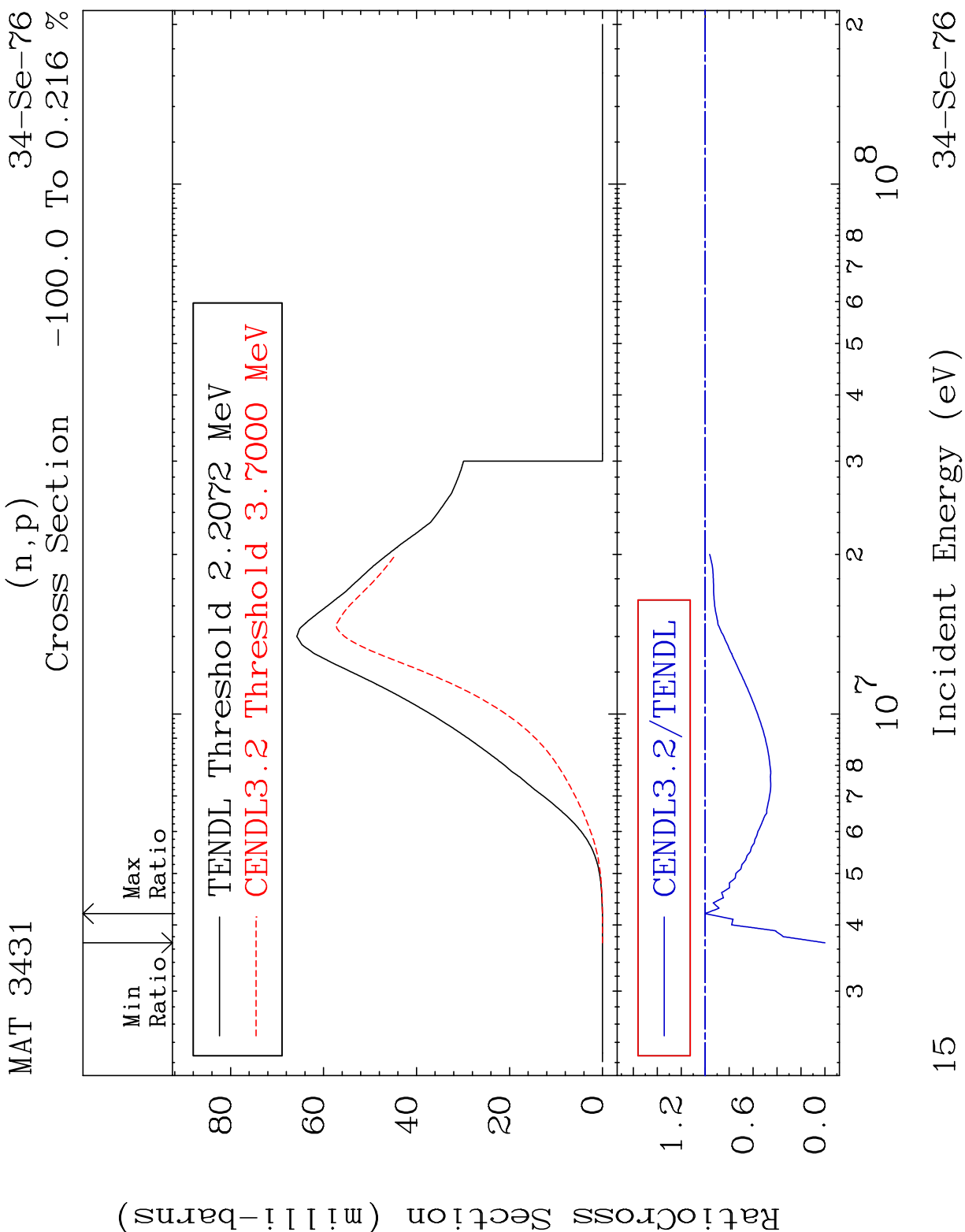
(n, γ)
Cross Section -99.97 To 49.33 %
34-Se-76



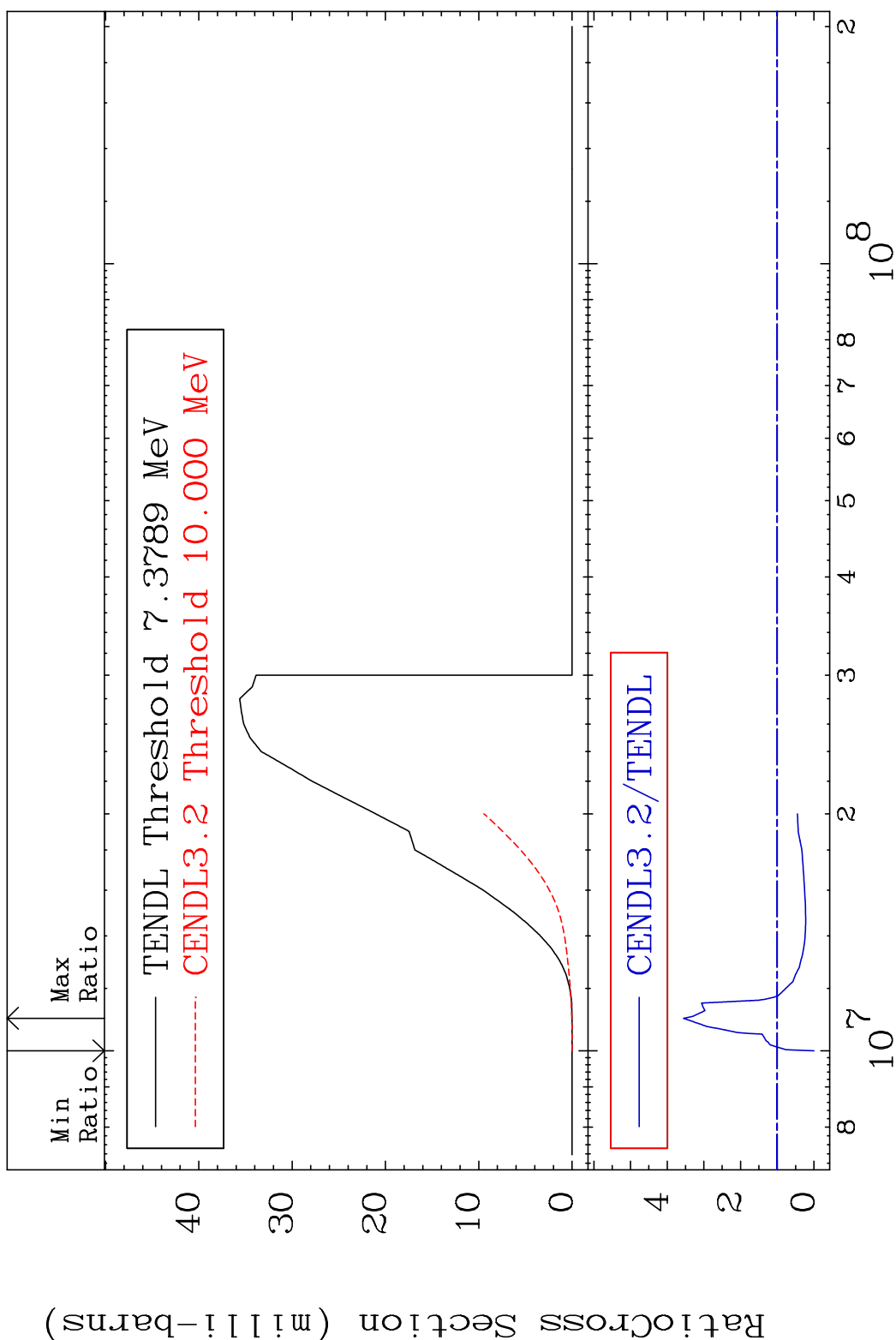
14

Incident Energy (eV)

34-Se-76



MAT 3431 (n, d) ³⁴Se-76
 Cross Section -100.0 To 255.7 %



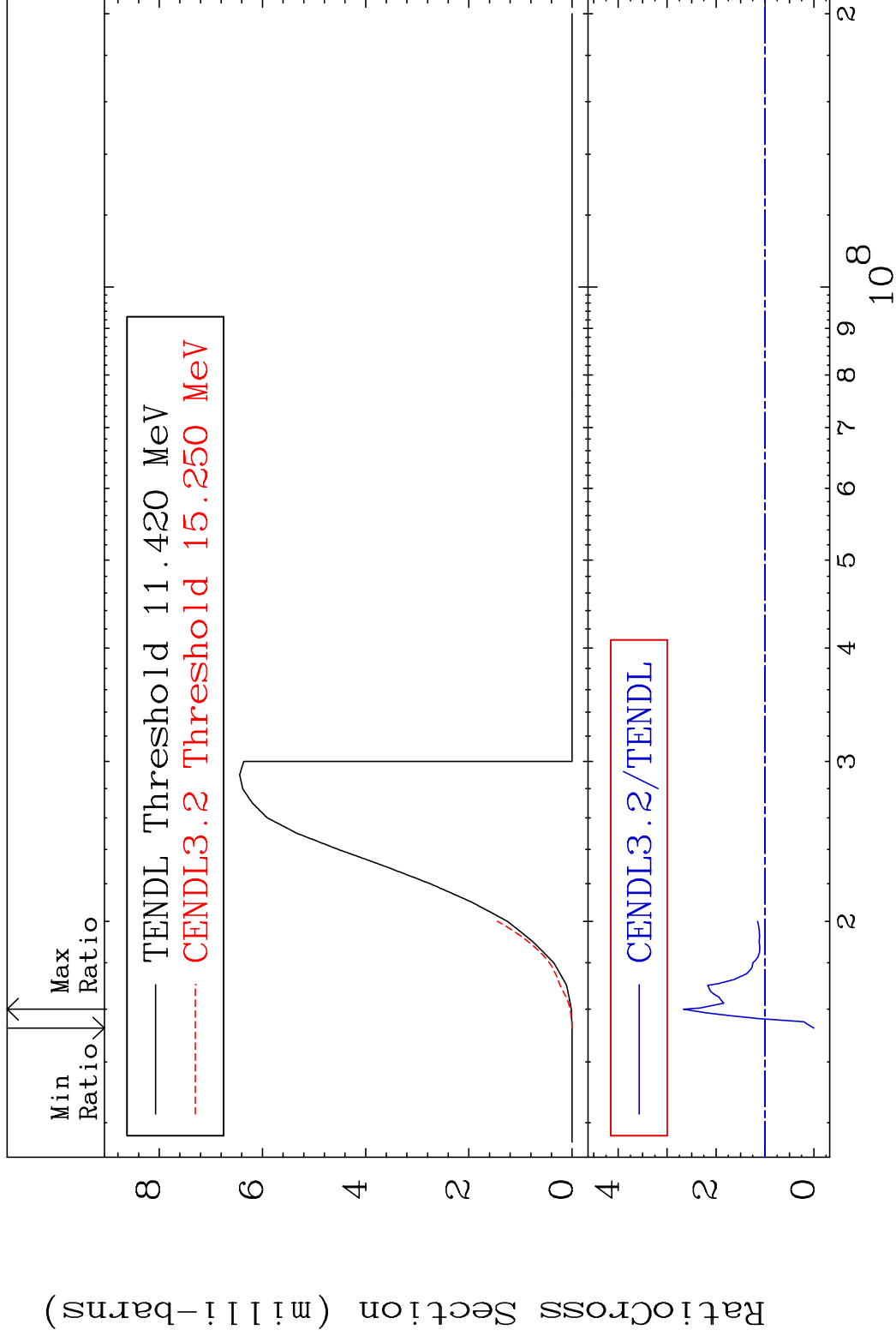
16 Incident Energy (eV) ³⁴Se-76

MAT 3431

(n, t)

³⁴Se-76

Cross Section -100.0 To 166.7 %



17

Incident Energy (eV)

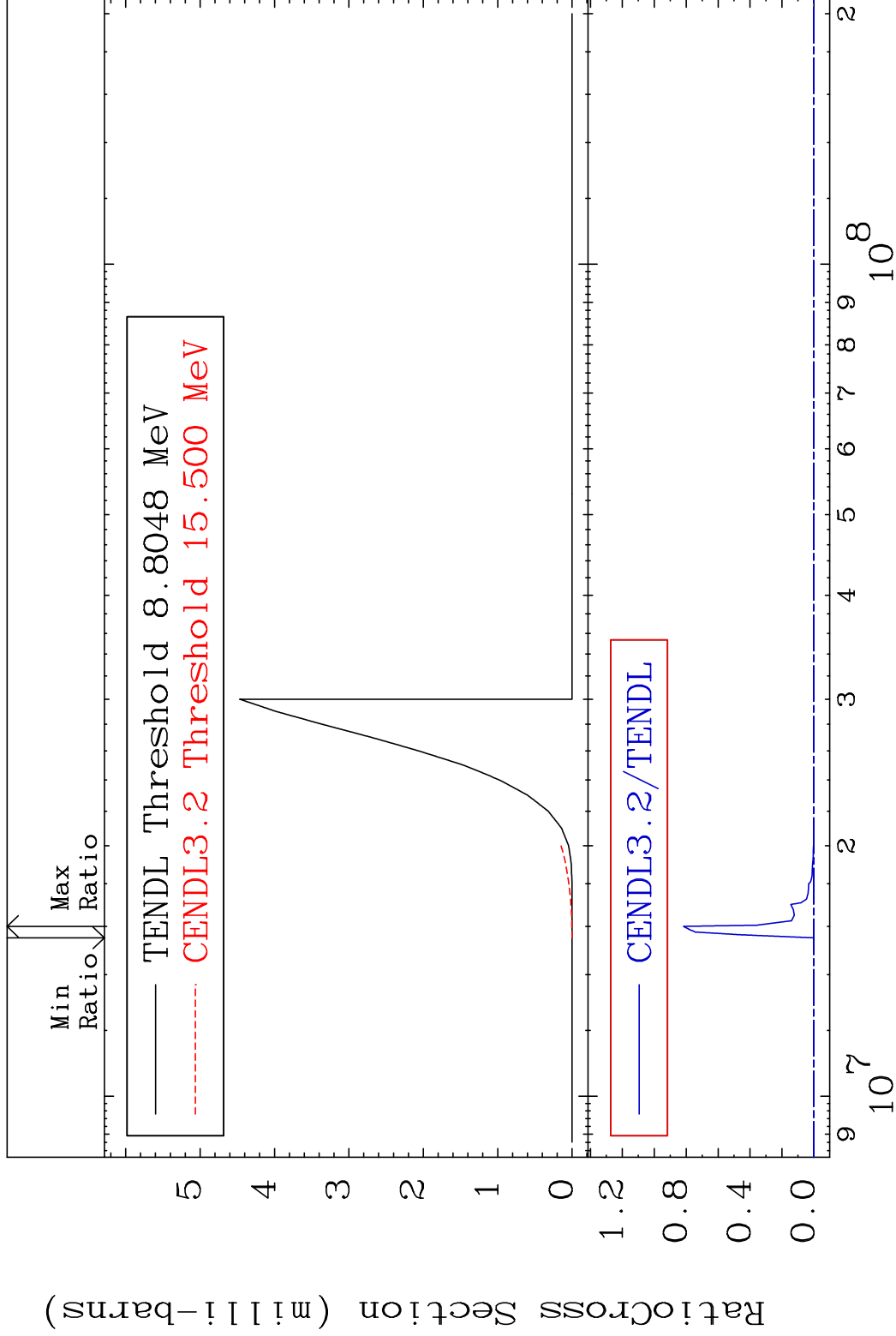
³⁴Se-76

MAT 3431

(n, He-3)

³⁴Se-76

Cross Section -100.0 To 9999. %



18

Incident Energy (eV)

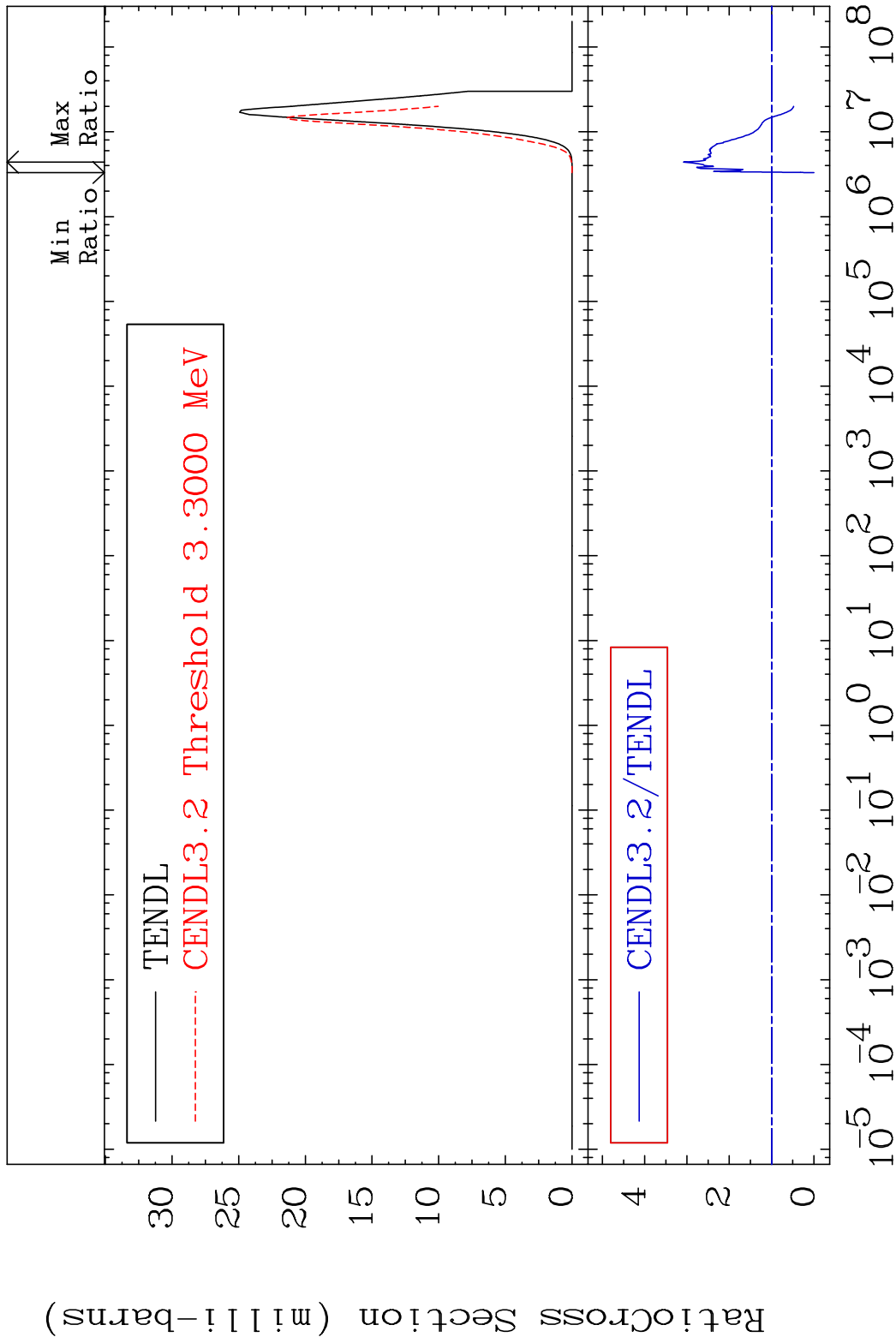
³⁴Se-76

MAT 3431

(n, α)

³⁴Se-76

Cross Section -100.0 To 208.3 %



19

Incident Energy (eV)

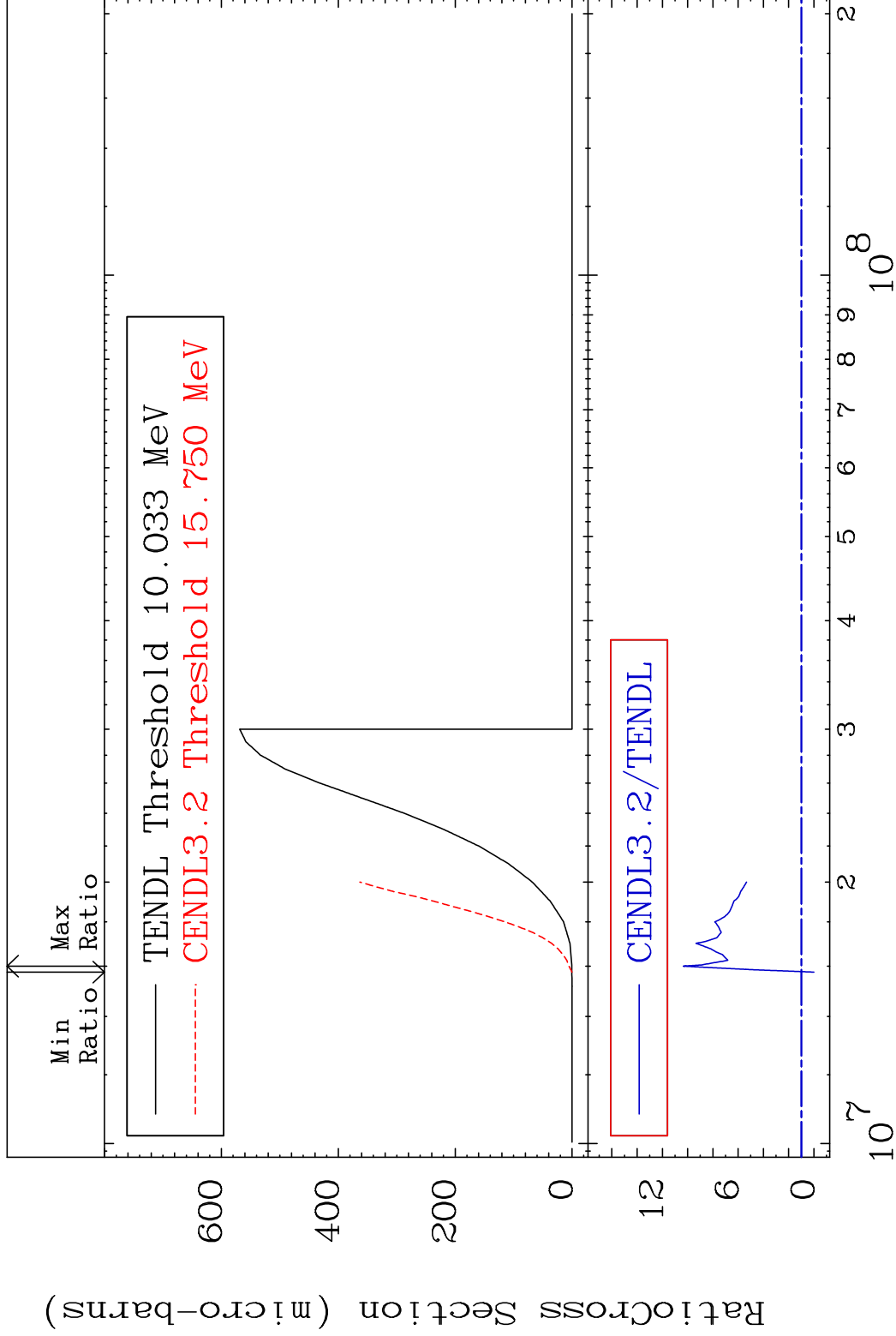
³⁴Se-76

MAT 3431

(n,2p)

³⁴Se-76

Cross Section -100.0 To 933.0 %

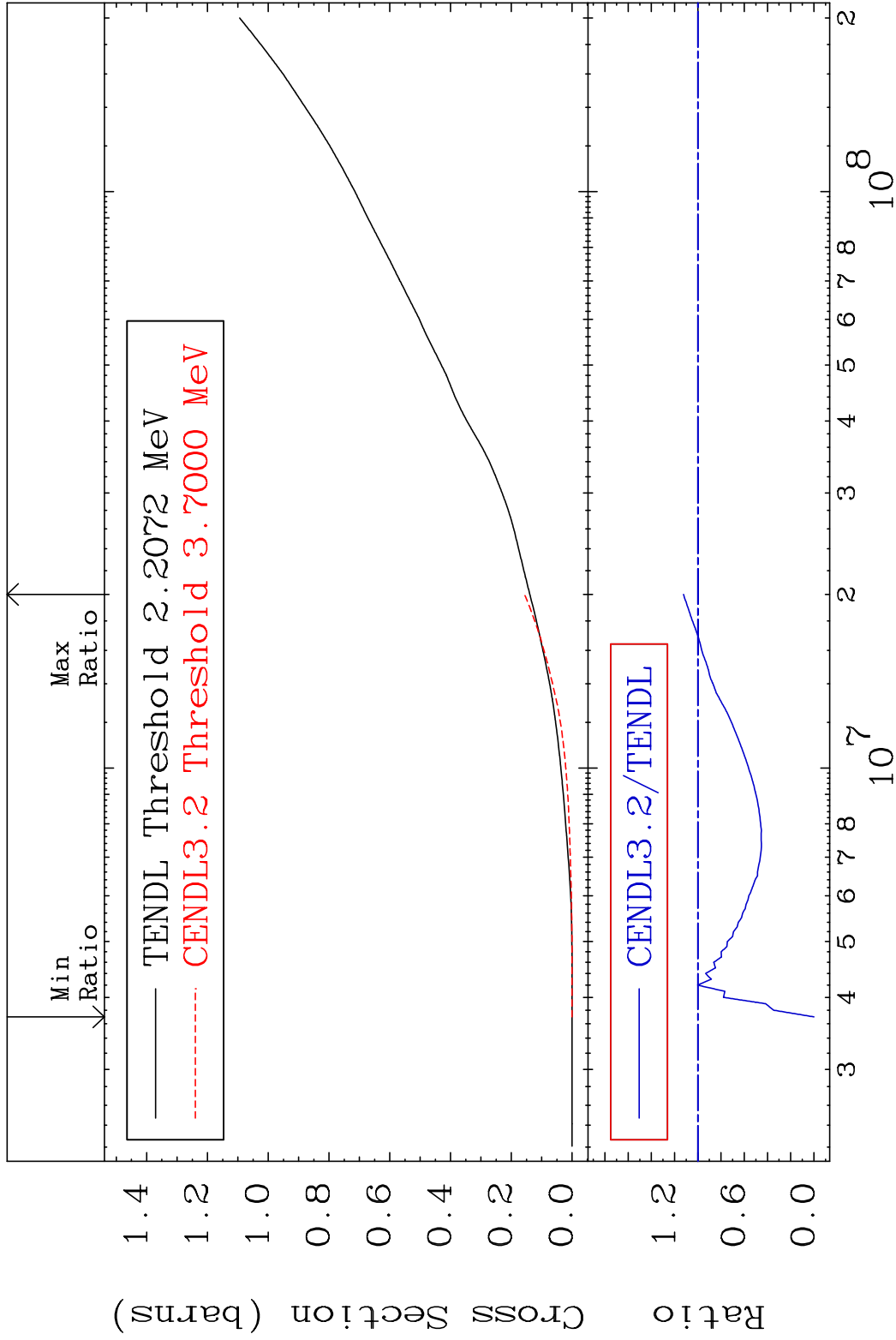


20

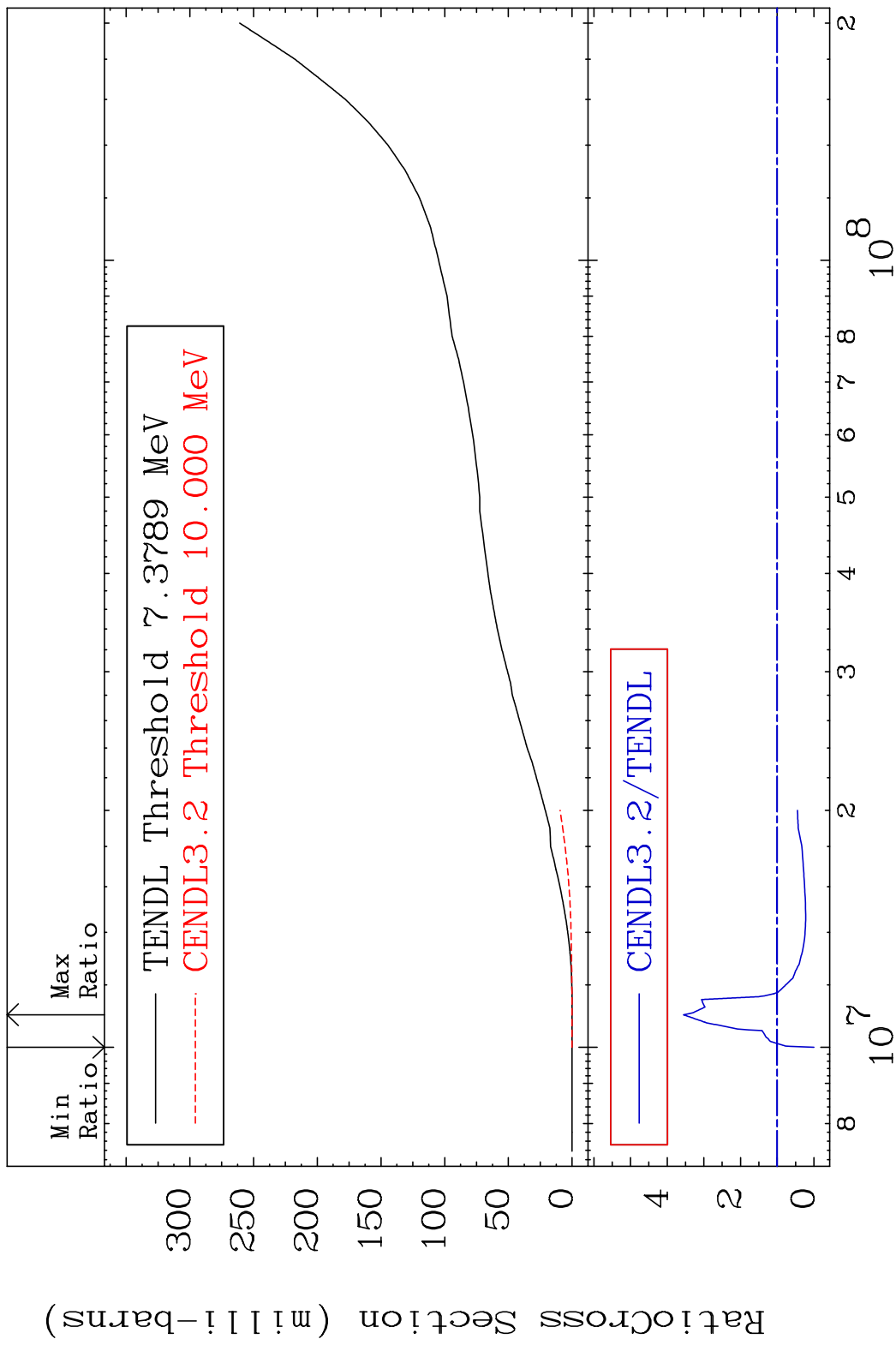
Incident Energy (eV)

³⁴Se-76

MAT 3431 Hydrogen Production 34-Se-76
 Cross Section -100.0 To 12.37 %



MAT 3431 Deuterium Production ³⁴Se-76
 Cross Section -100.0 To 255.7 %



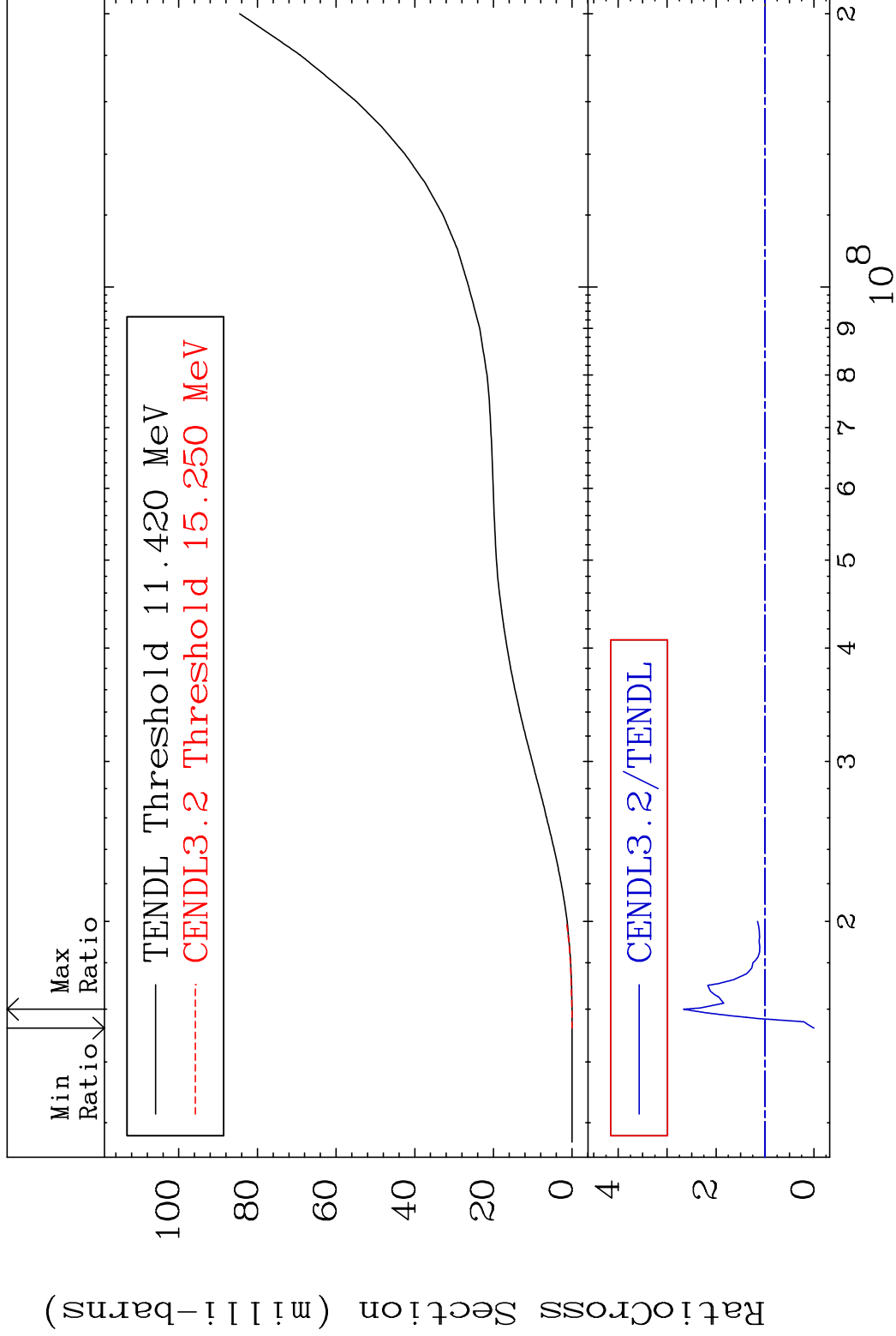
22 Incident Energy (eV) ³⁴Se-76

MAT 3431

Tritium Production

³⁴Se-76

Cross Section -100.0 To 166.7 %



23

Incident Energy (eV)

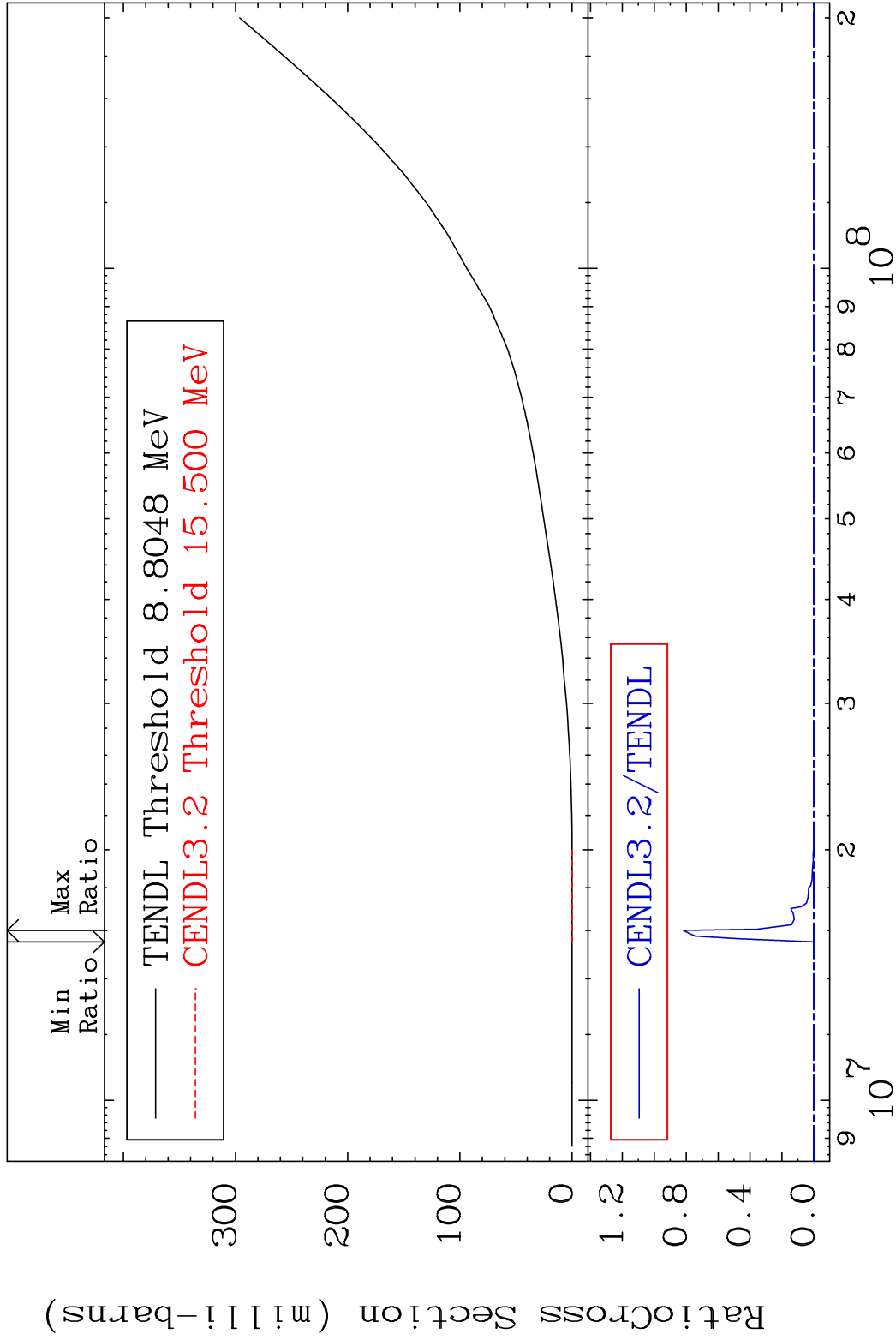
³⁴Se-76

MAT 3431

He-3 Production

34-Se-76

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

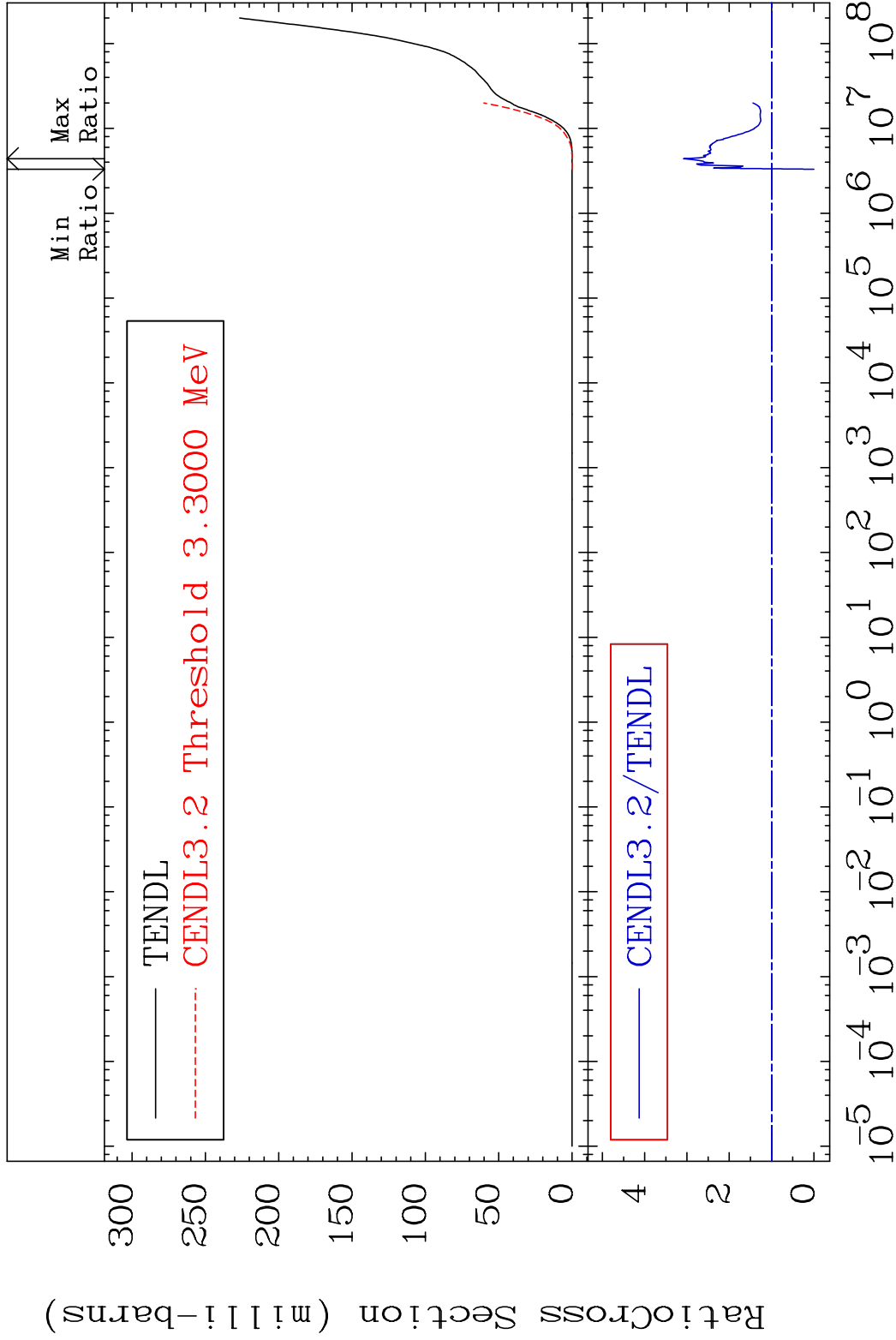
34-Se-76

MAT 3431

He-4 Production

34-Se-76

Cross Section -100.0 To 208.3 %

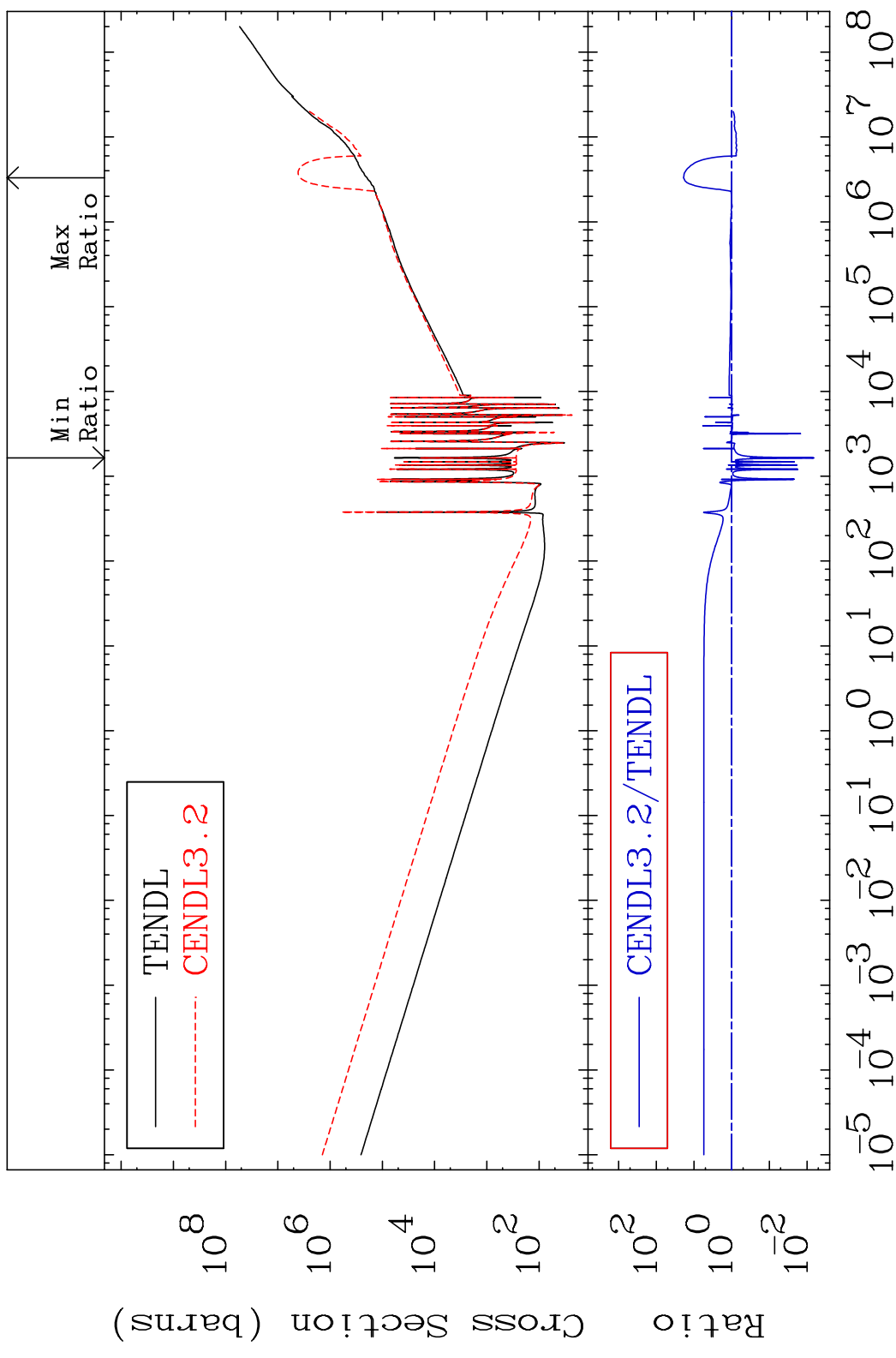


25

Incident Energy (eV)

34-Se-76

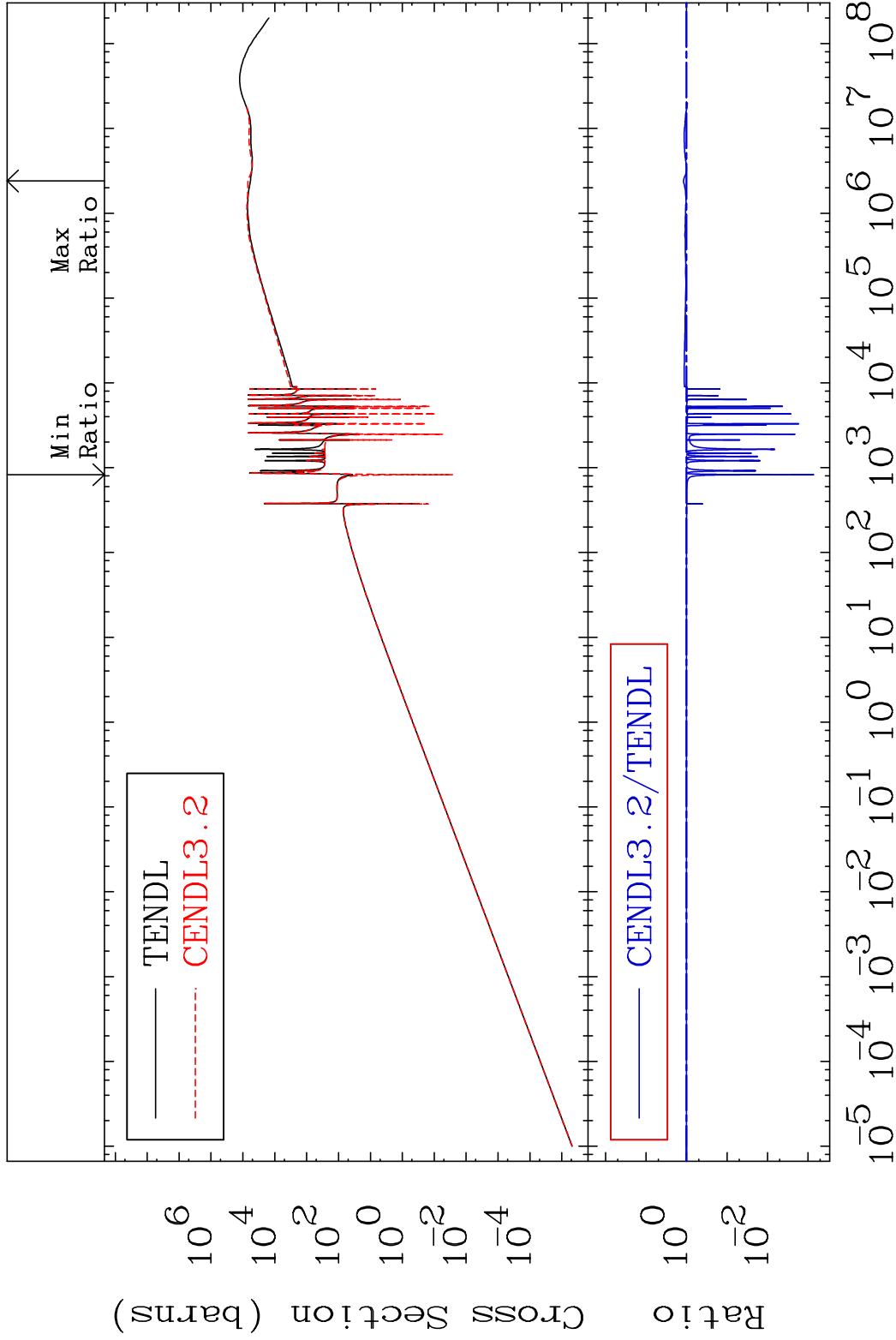
MAT 3431 Kerma total (eV-barns) 34-Se-76
 Cross Section -99.34 To 1805. %



MAT 3431

Kerma elastic
Cross Section

34-Se-76
-99.93 To 19.31 %

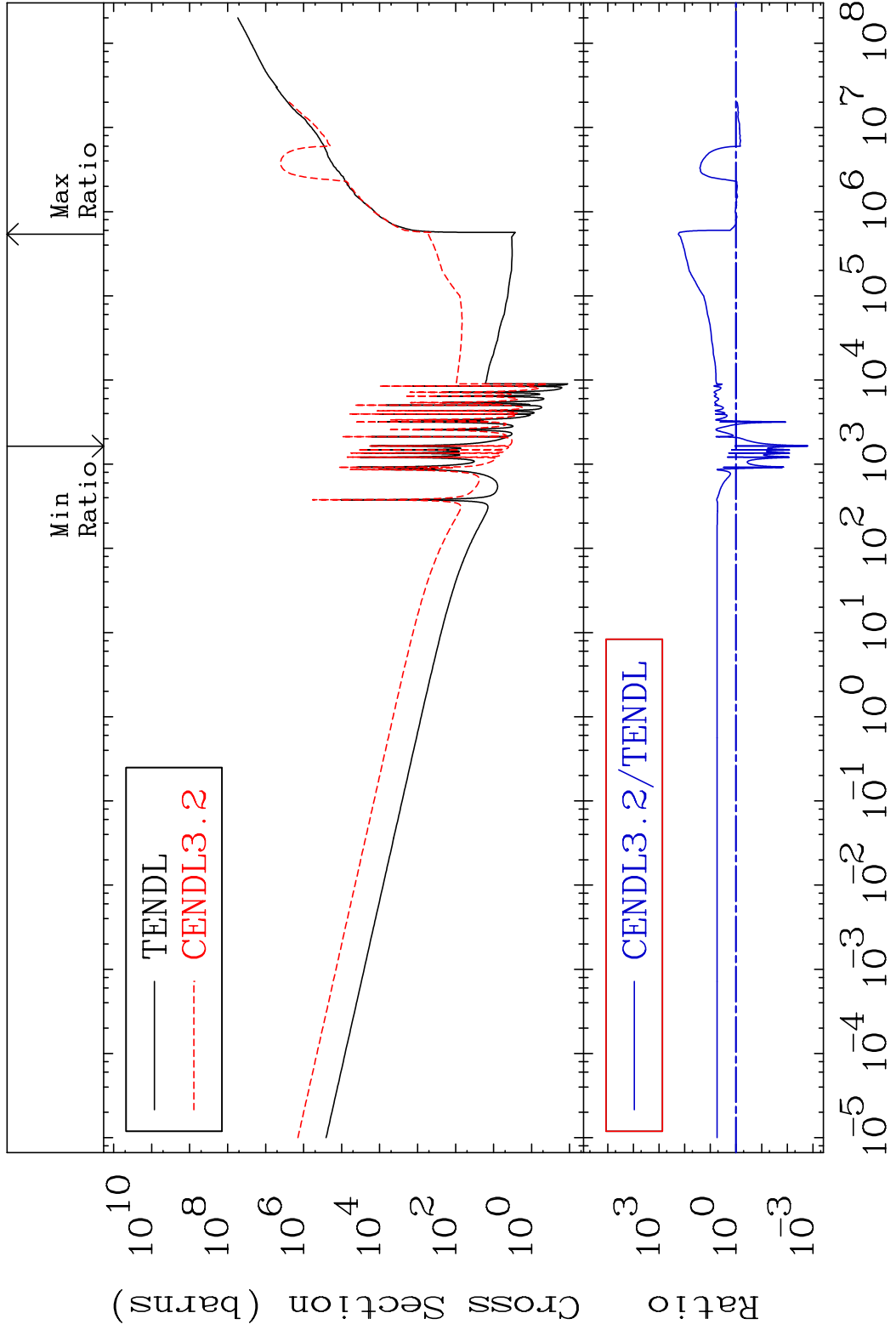


27

Incident Energy (eV)

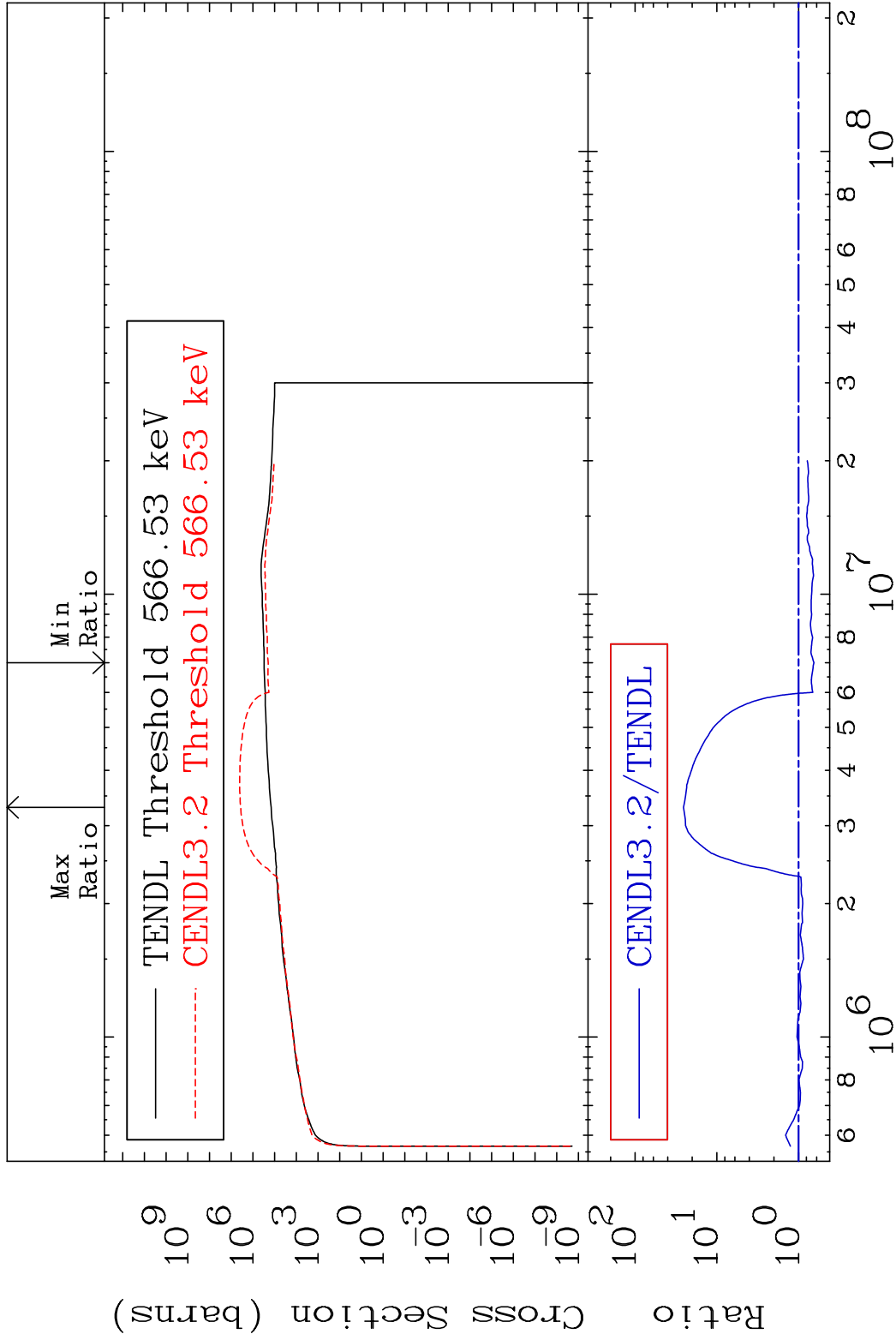
34-Se-76

MAT 3431 Kerma non-elastic (all but mt2) 34-Se-76
 Cross Section -99.84 To 9999. %



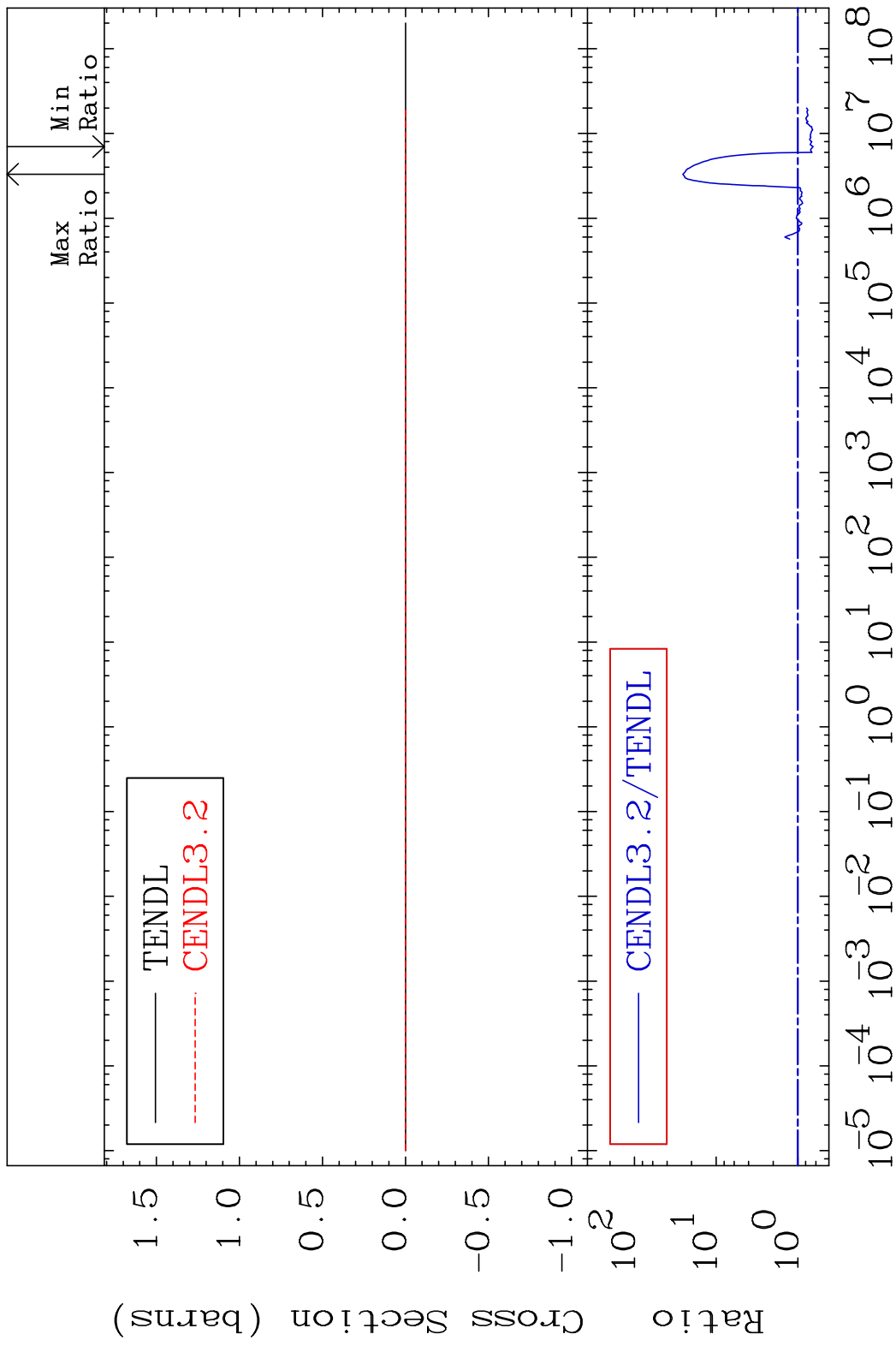
28 Incident Energy (eV) 34-Se-76

MAT 3431 Kerma inelastic (mt51-91) 34-Se-76
 Cross Section -35.15 To 2461. %

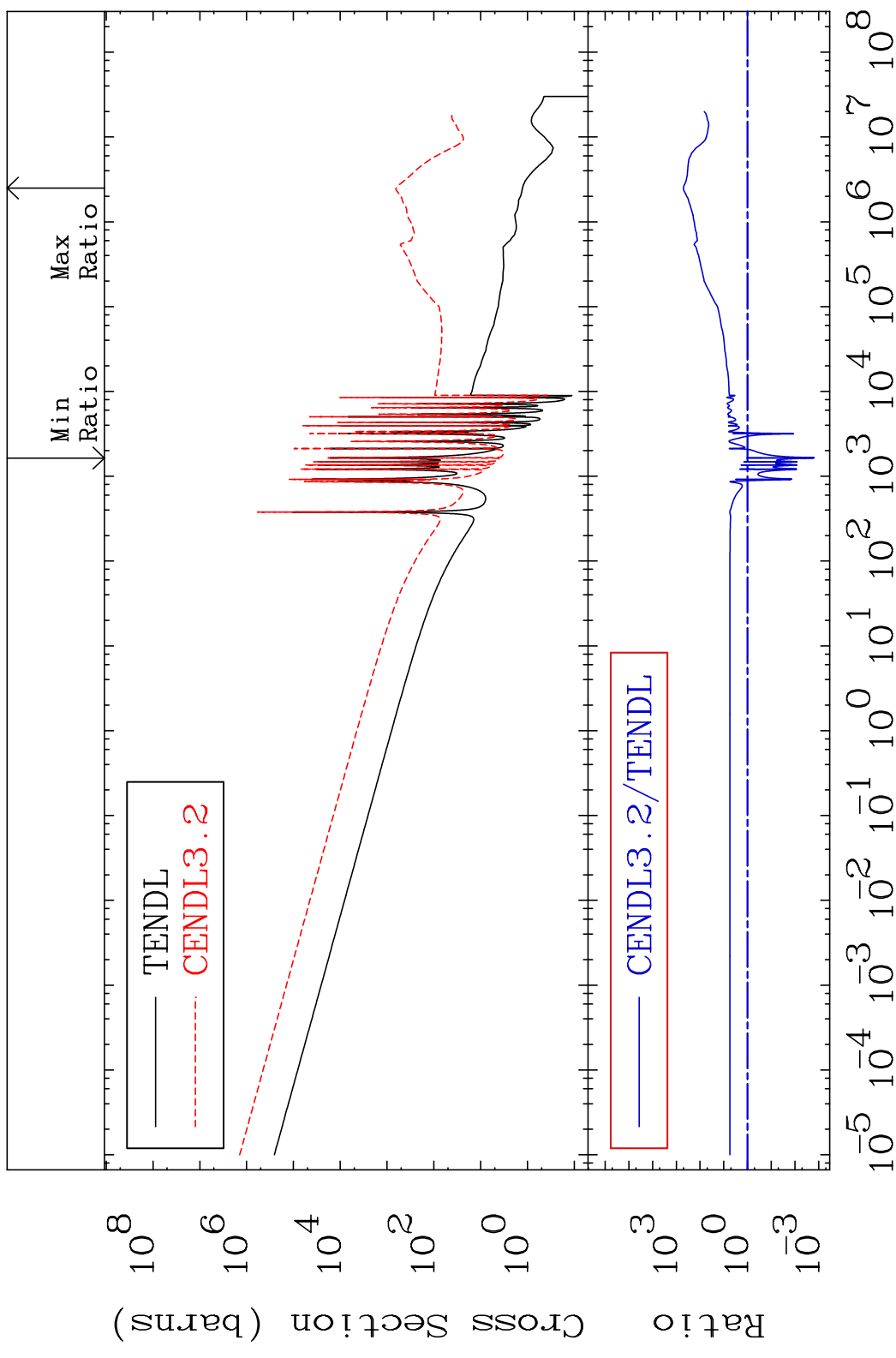


29 34-Se-76

MAT 3431 Kerma fission (mt18 or mt19-20-21-38) 34-Se-76
 Cross Section -35.15 To 2461. %

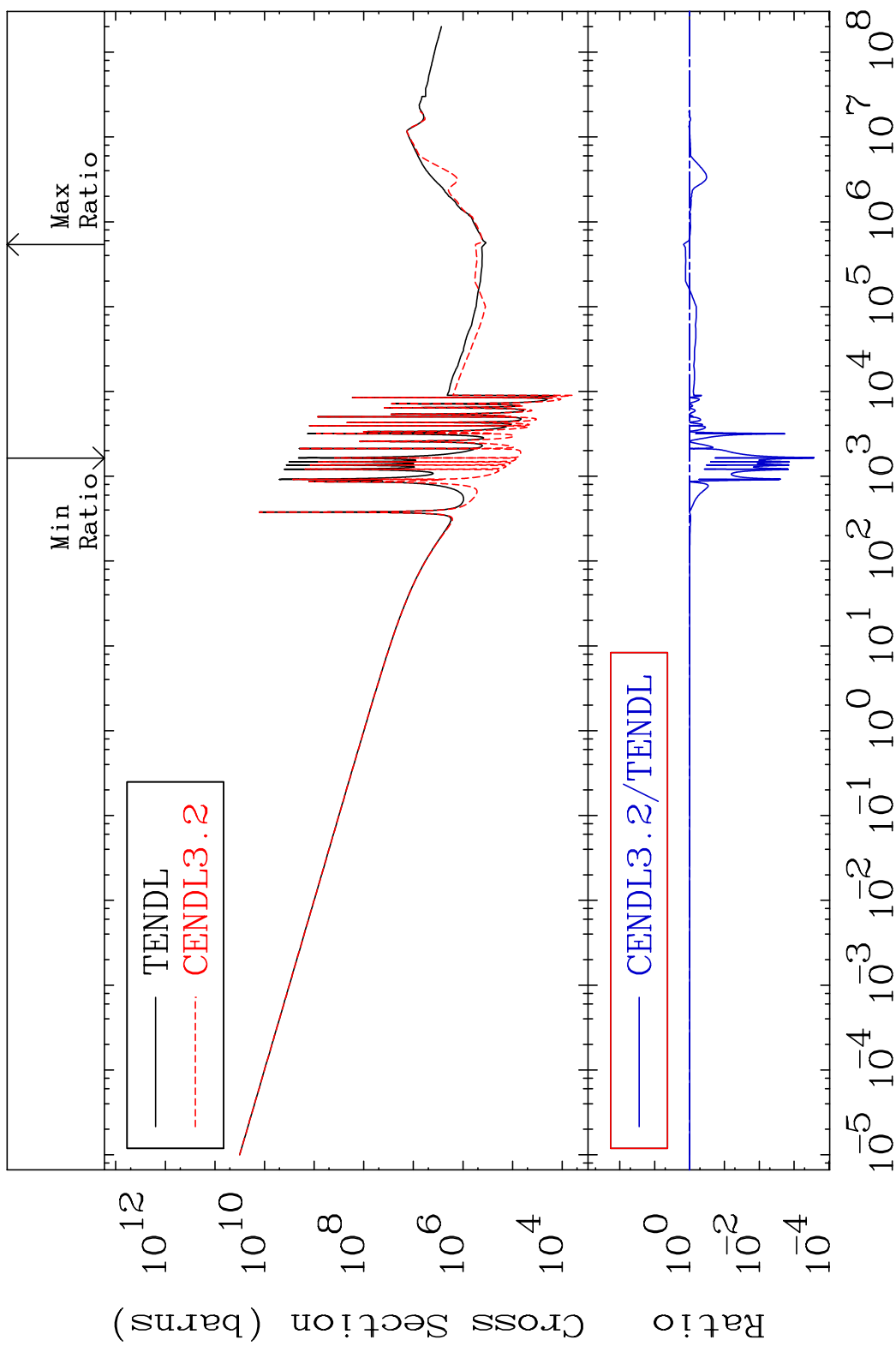


MAT 3431 Kerma capture (mt102) 34-Se-76
 Cross Section -99.84 To 9999. %



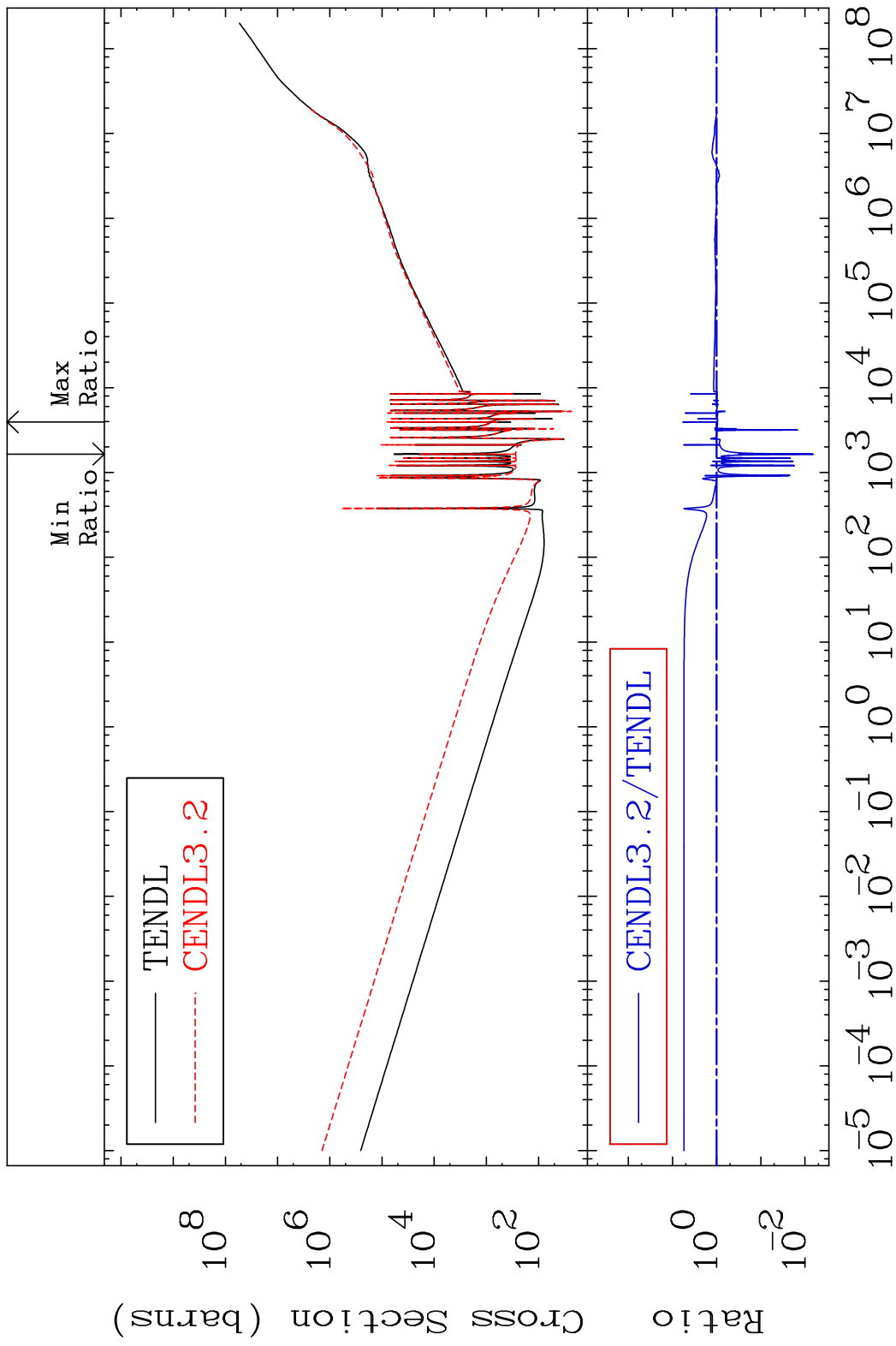
31 Incident Energy (eV) 34-Se-76

MAT 3431 Total photon (eV-barns) 34-Se-76
 Cross Section -99.97 To 49.48 %

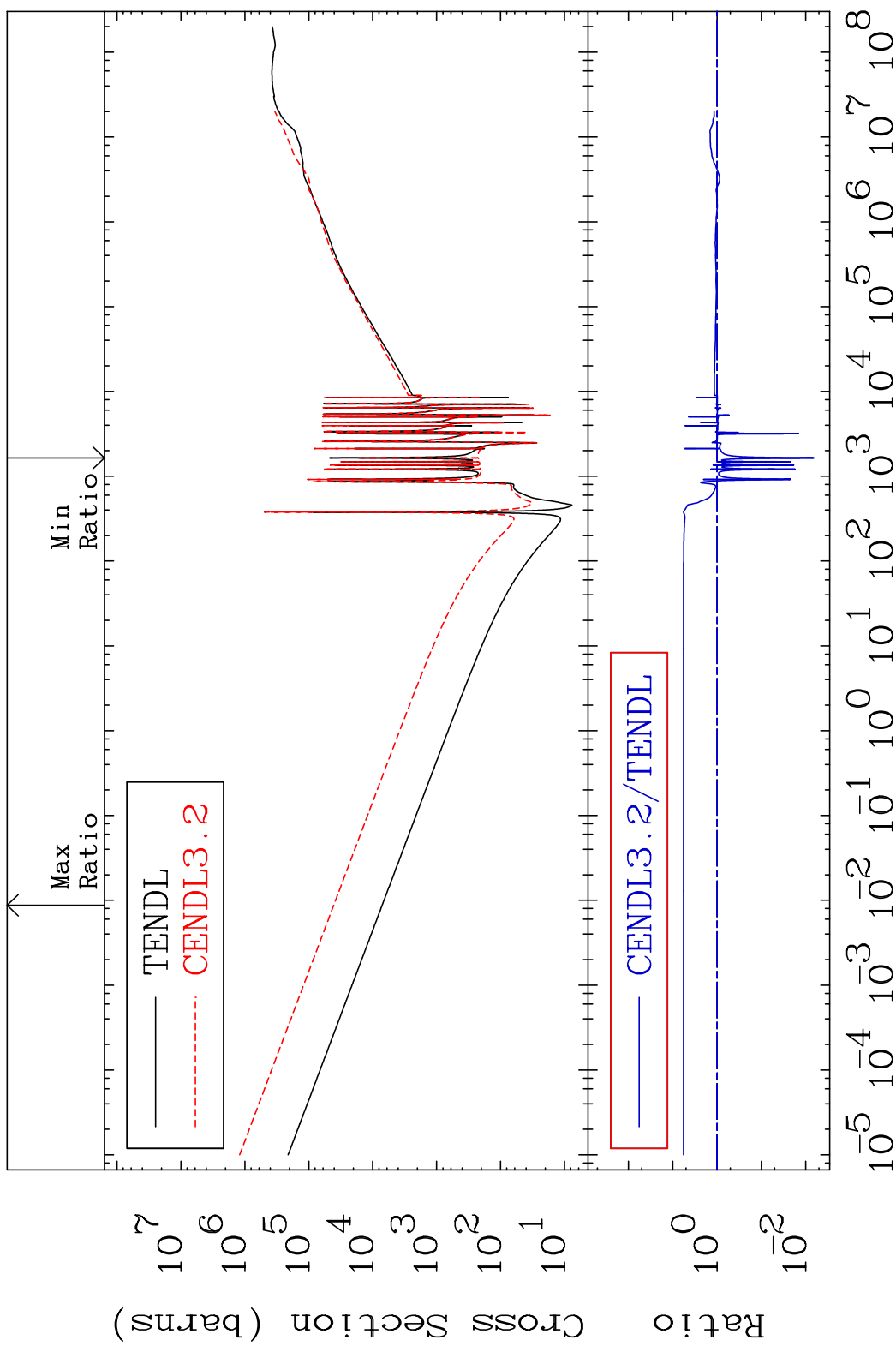


32 Incident Energy (eV) 34-Se-76

MAT 3431 Total kinematic kerma (high limit) 34-Se-76
 Cross Section -99.34 To 484.1 %



MAT 3431 Dpa total (eV-barns) 34-Se-76
 Cross Section -99.35 To 473.2 %



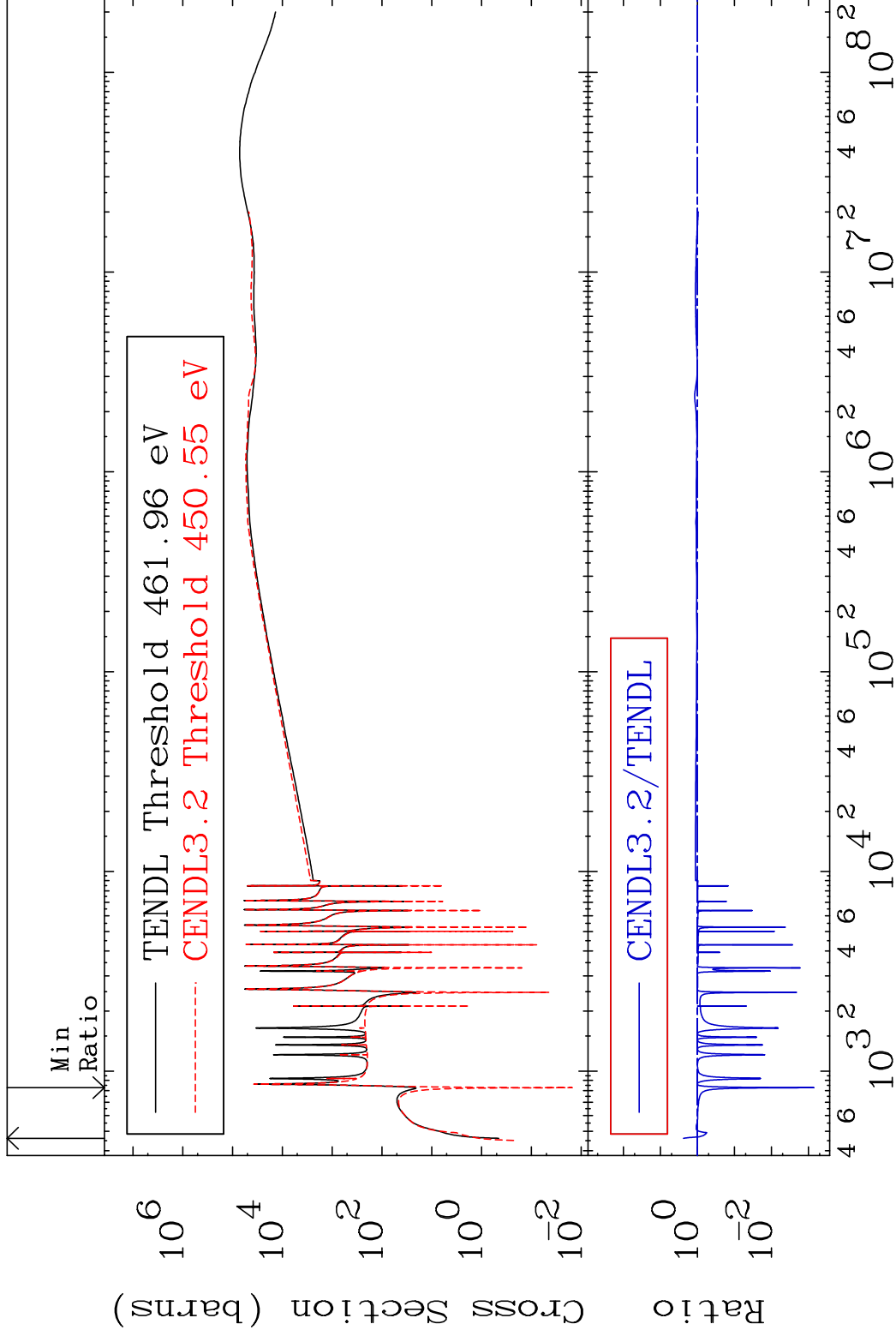
34 Incident Energy (eV) 34-Se-76

MAT 3431

Dpa elastic (mt2)

³⁴Se-76

Cross Section -99.93 To 139.4 %

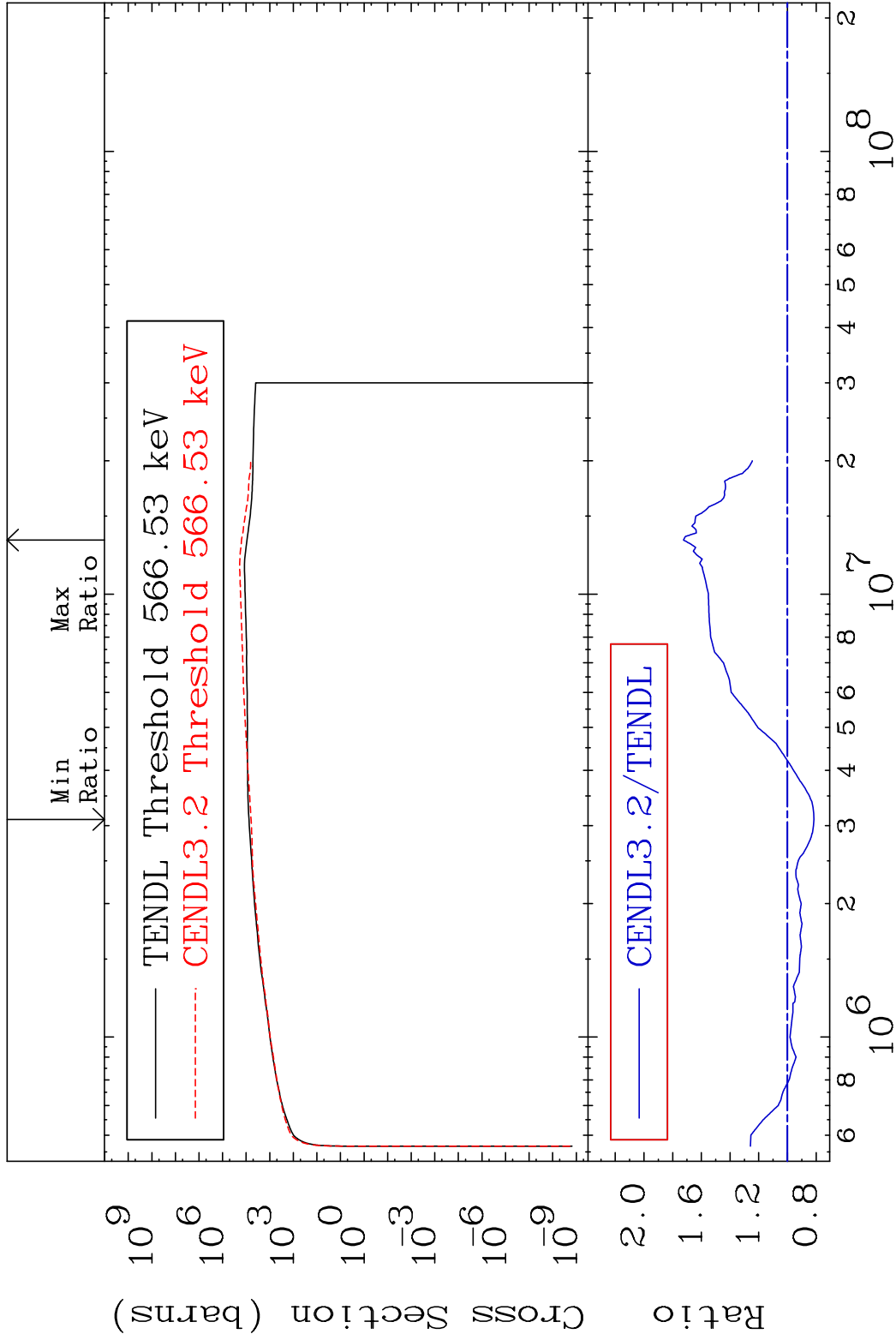


35

Incident Energy (eV)

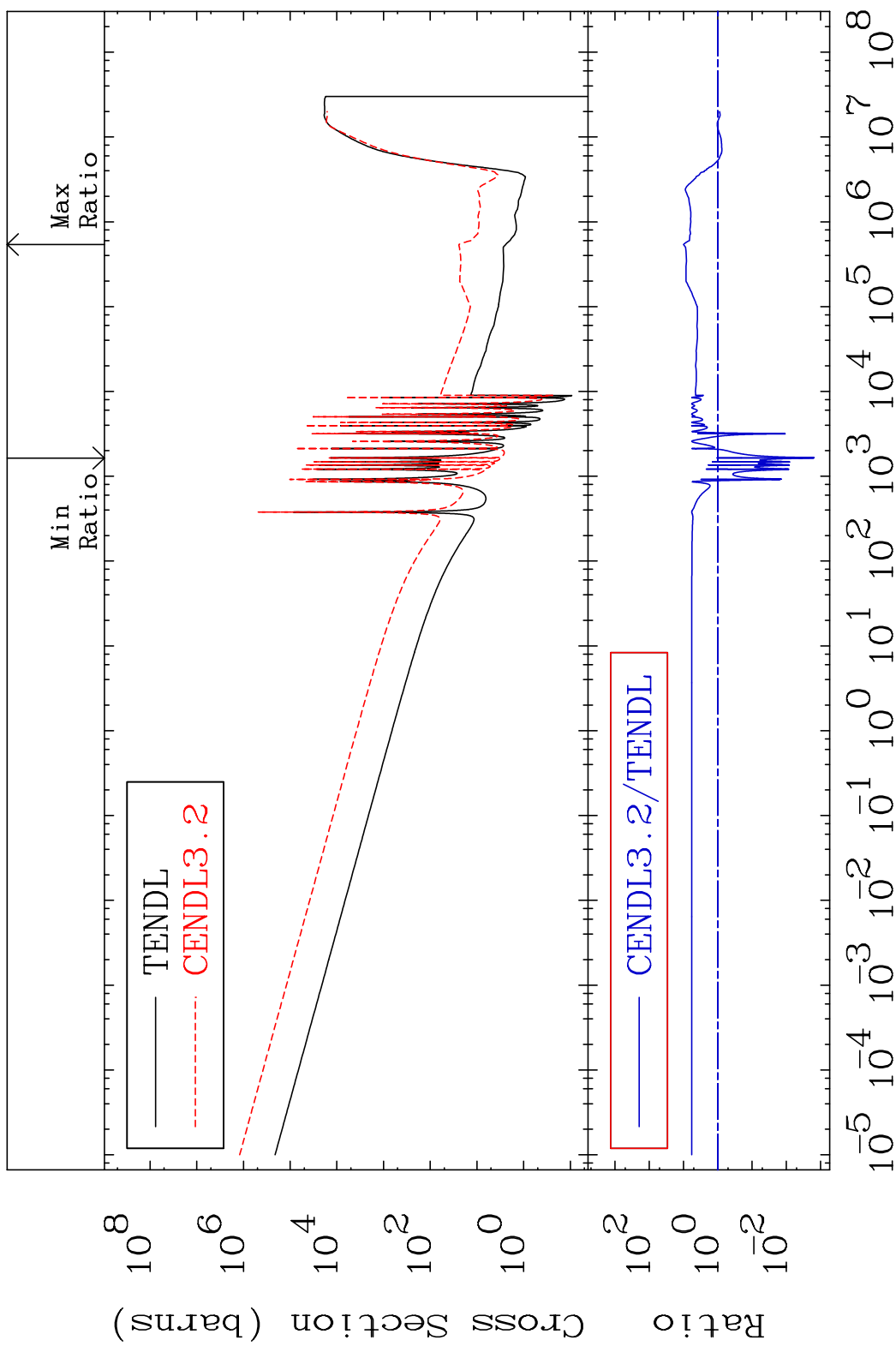
³⁴Se-76

MAT 3431 Dpa inelastic (mt51-91) 34-Se-76
 Cross Section -18.42 To 72.48 %



36 Incident Energy (eV) 34-Se-76

MAT 3431 Dpa disappearance (mt102 -120) 34-Se-76
 Cross Section -99.84 To 901.8 %



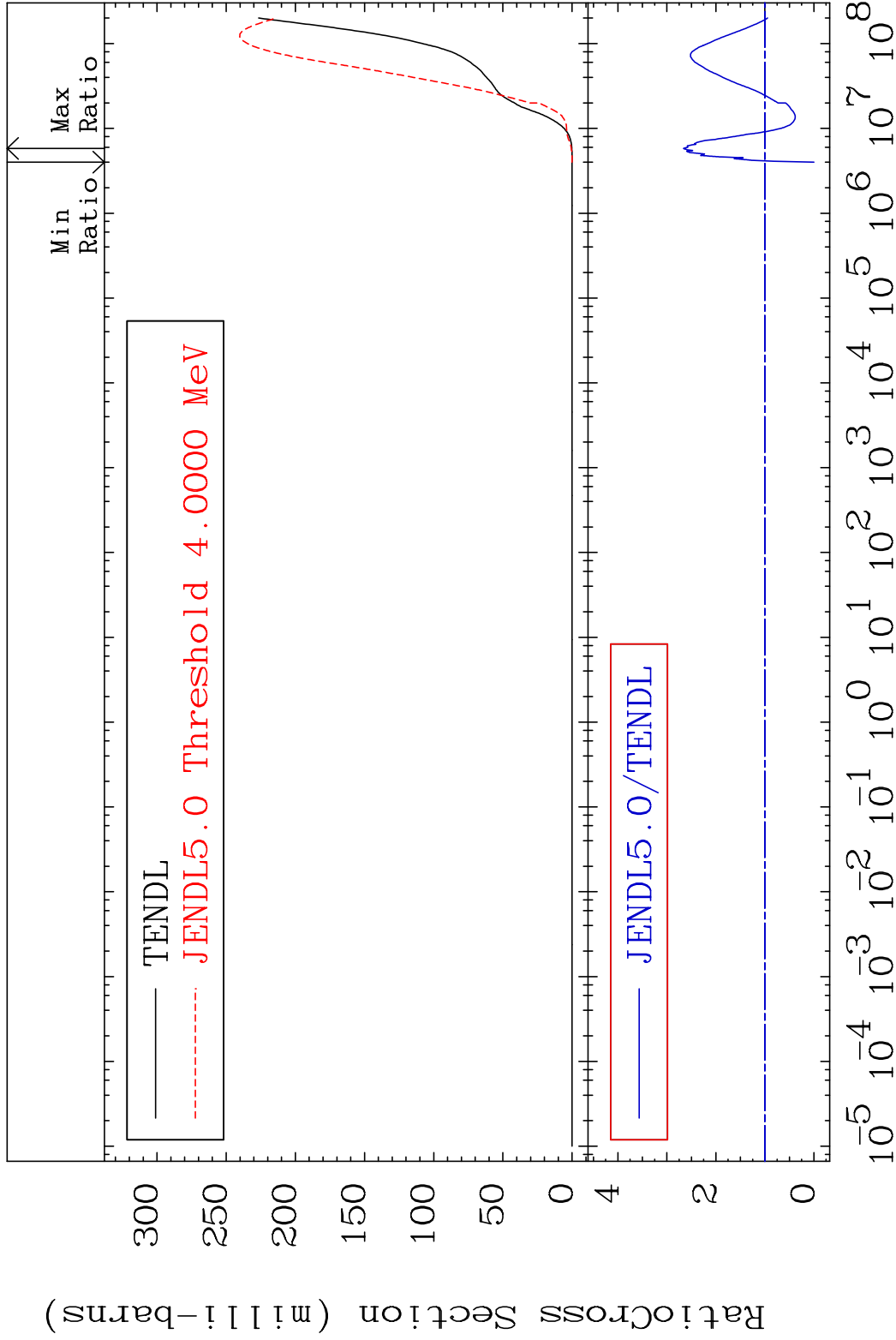
37 Incident Energy (eV) 34-Se-76

MAT 3431

He-4 Production

34-Se-76

Cross Section -100.0 To 166.2 %

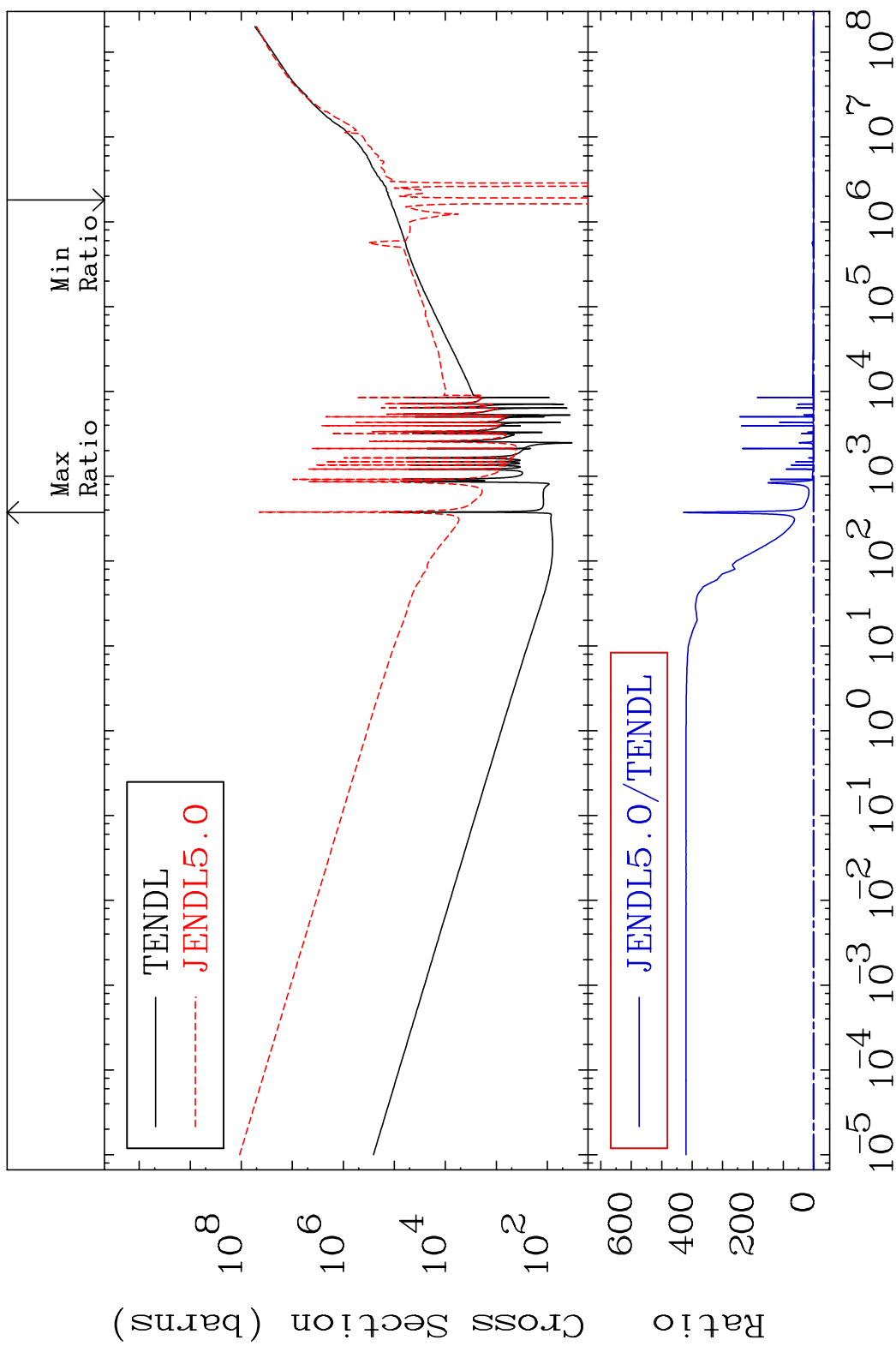


38

Incident Energy (eV)

34-Se-76

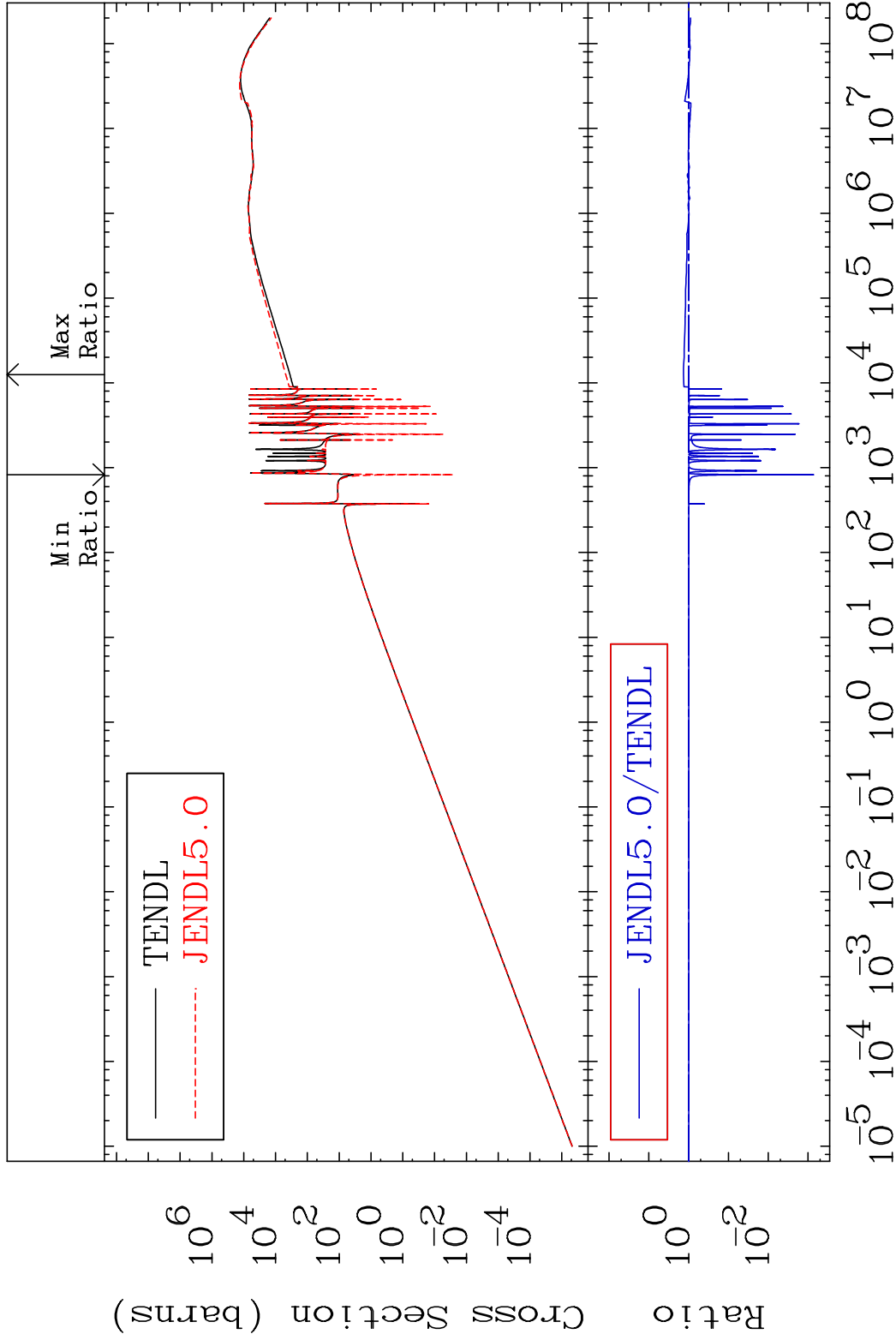
MAT 3431 Kerma total (eV-barns) 34-Se-76
 Cross Section -147.1 To 9999. %



MAT 3431

Kerma elastic
Cross Section

34-Se-76
-99.93 To 35.31 %

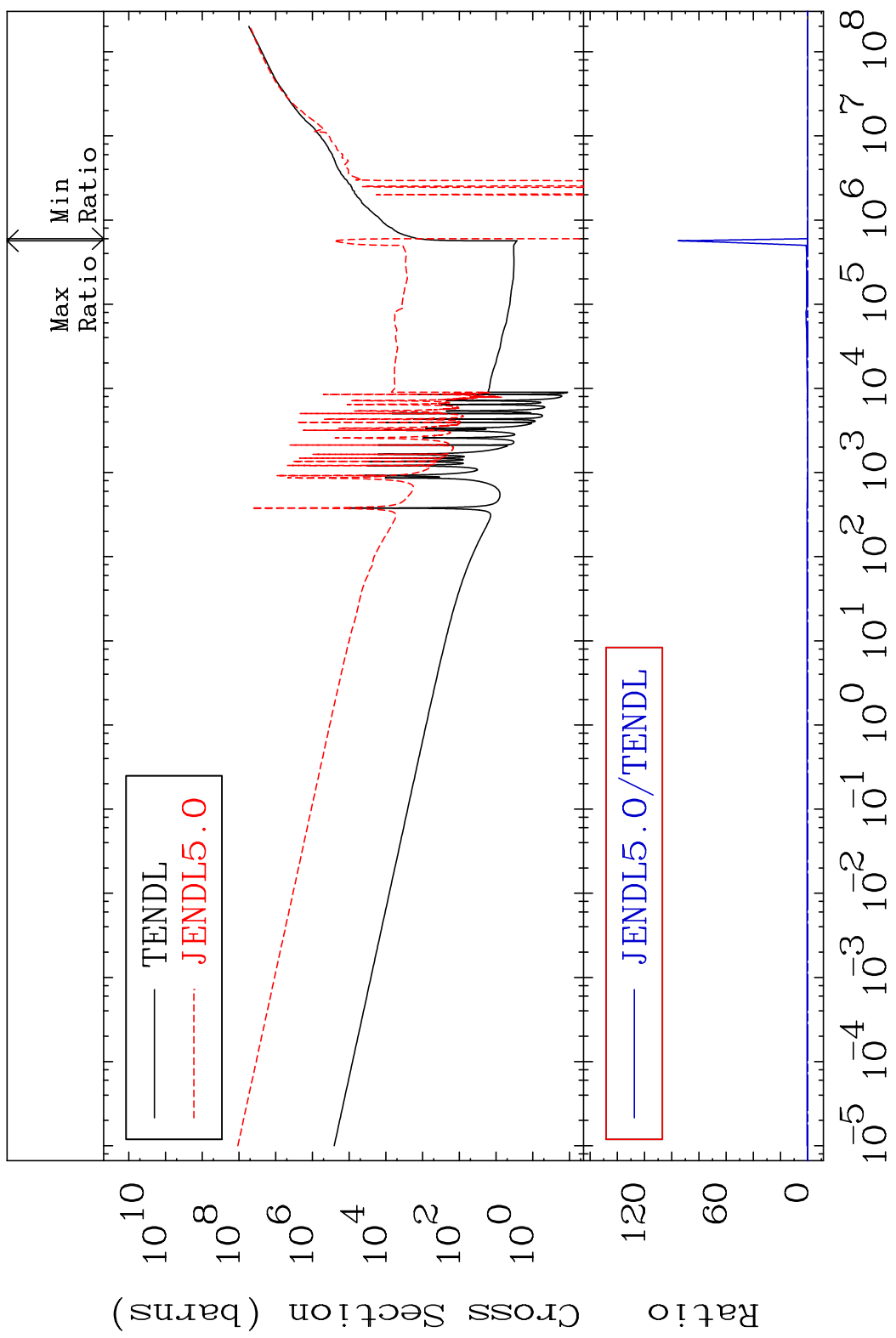


40

Incident Energy (eV)

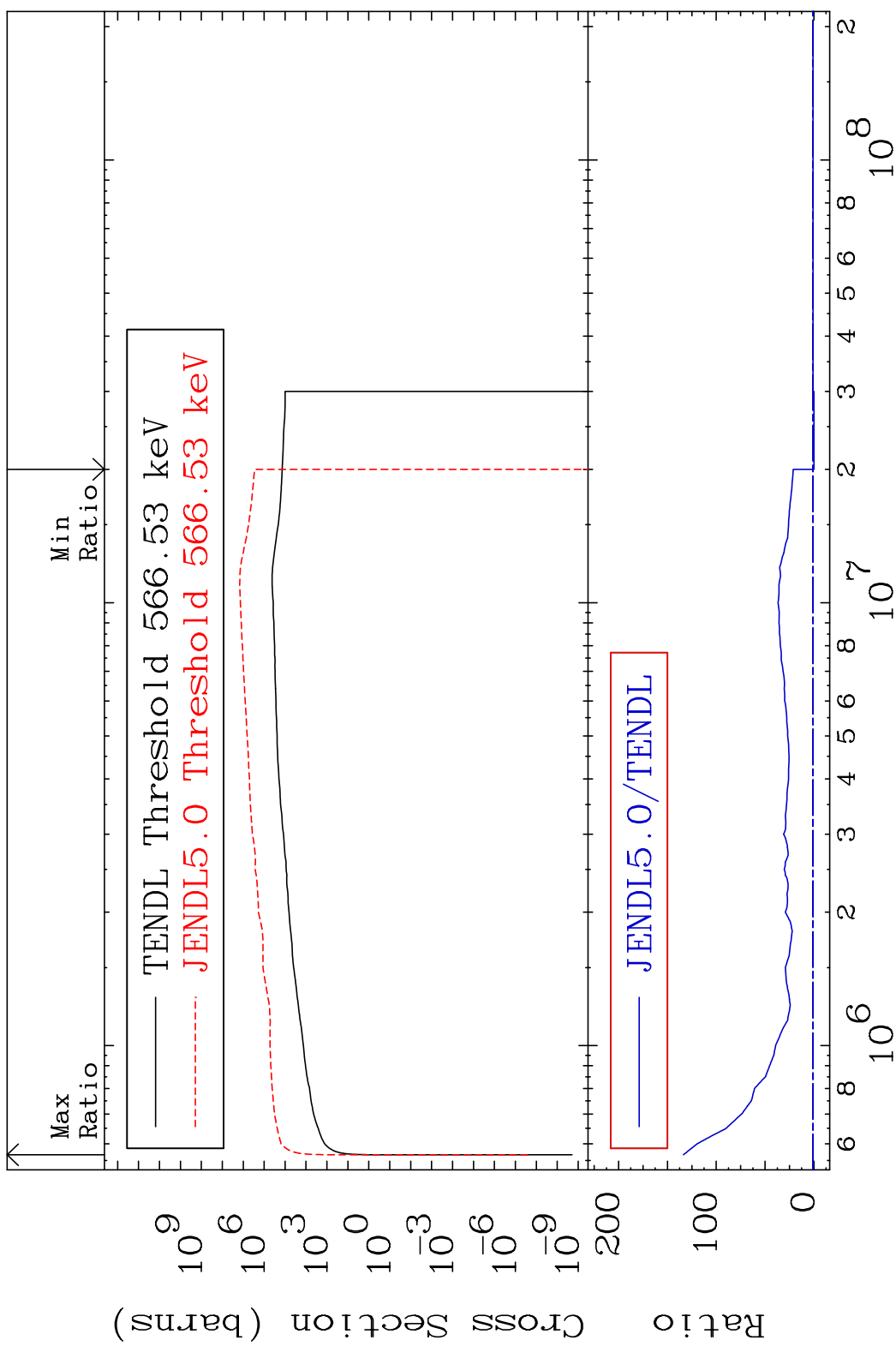
34-Se-76

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



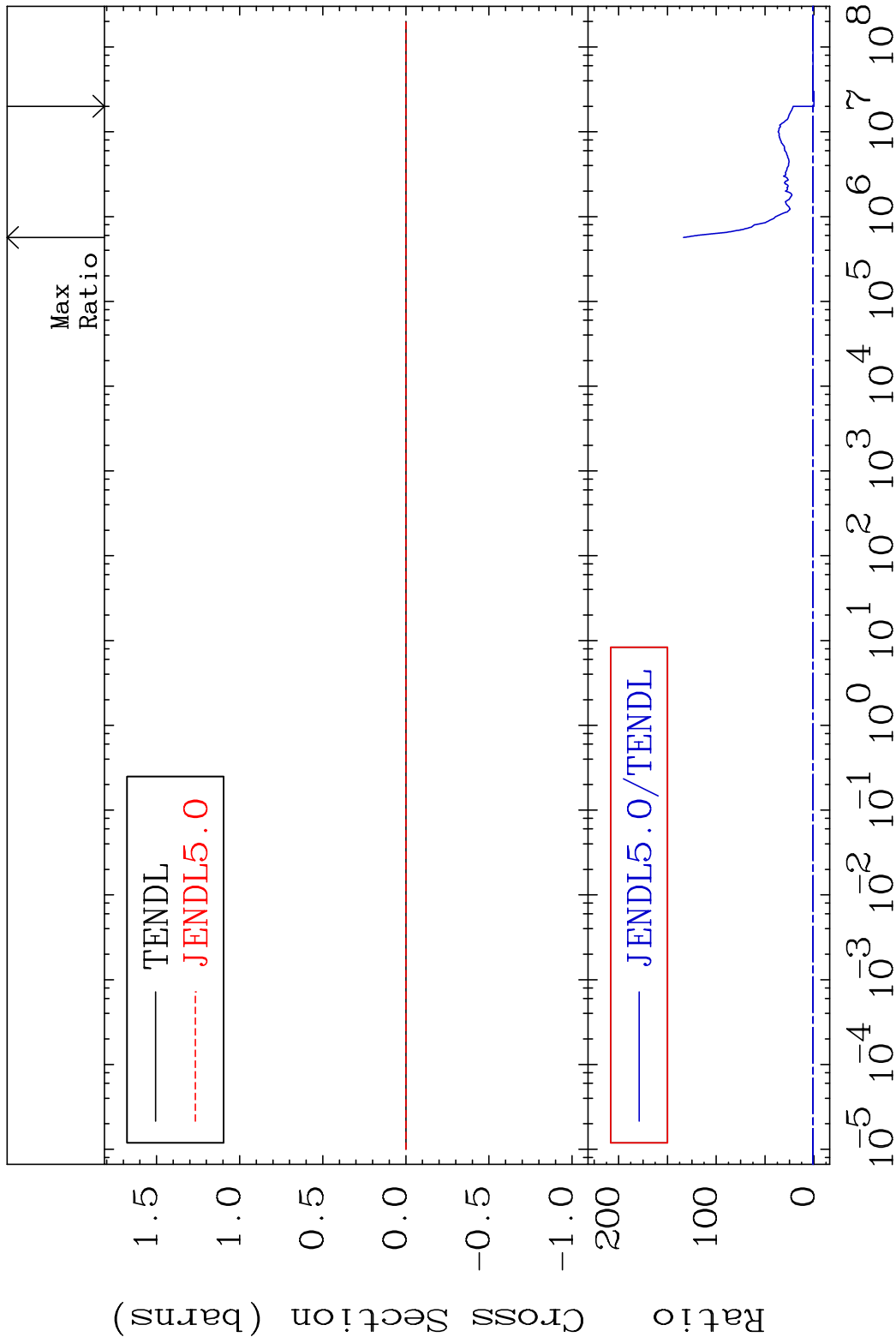
41 Incident Energy (eV) 34-Se-76

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

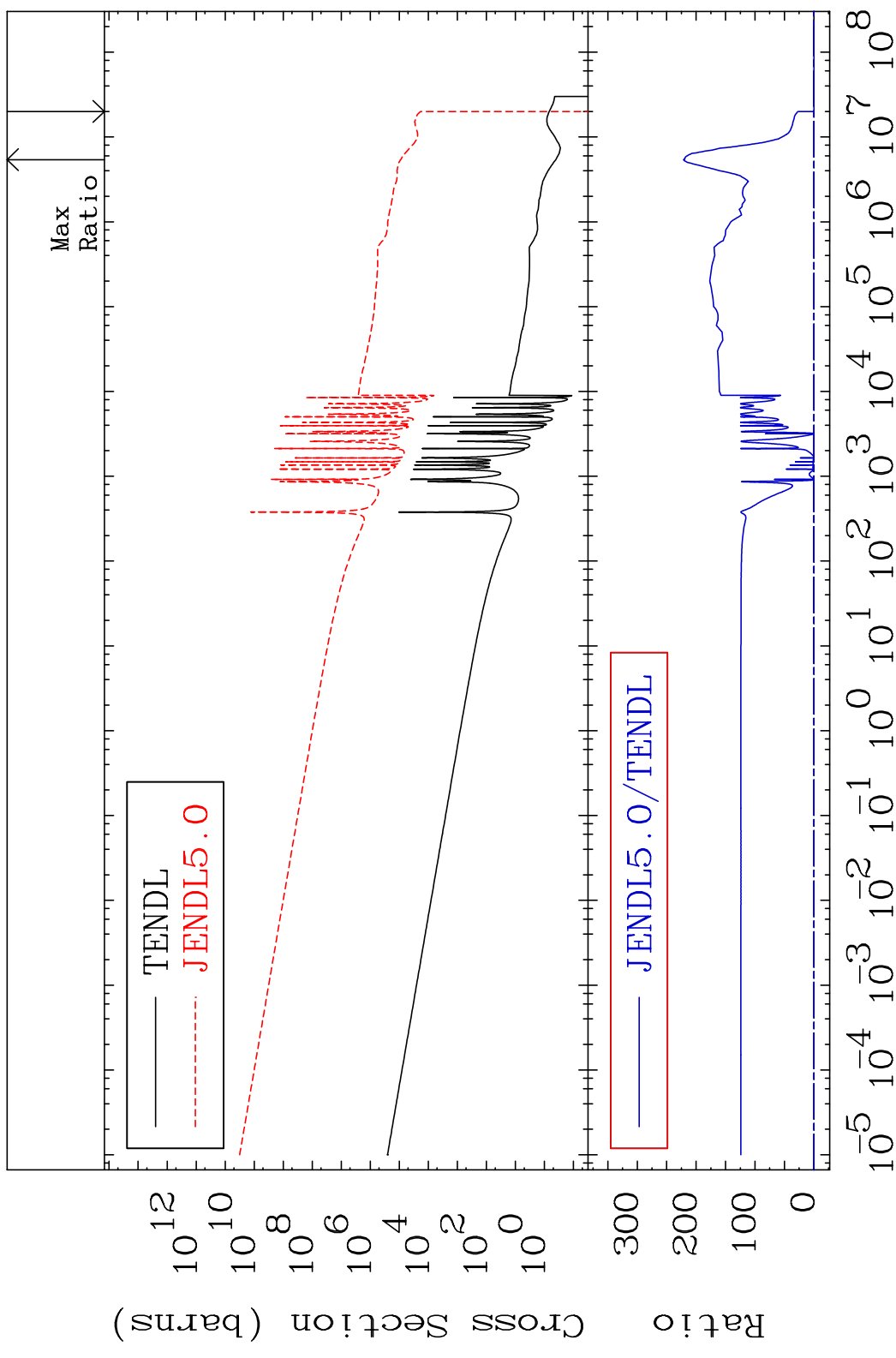


42 Incident Energy (eV) 34-Se-76

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

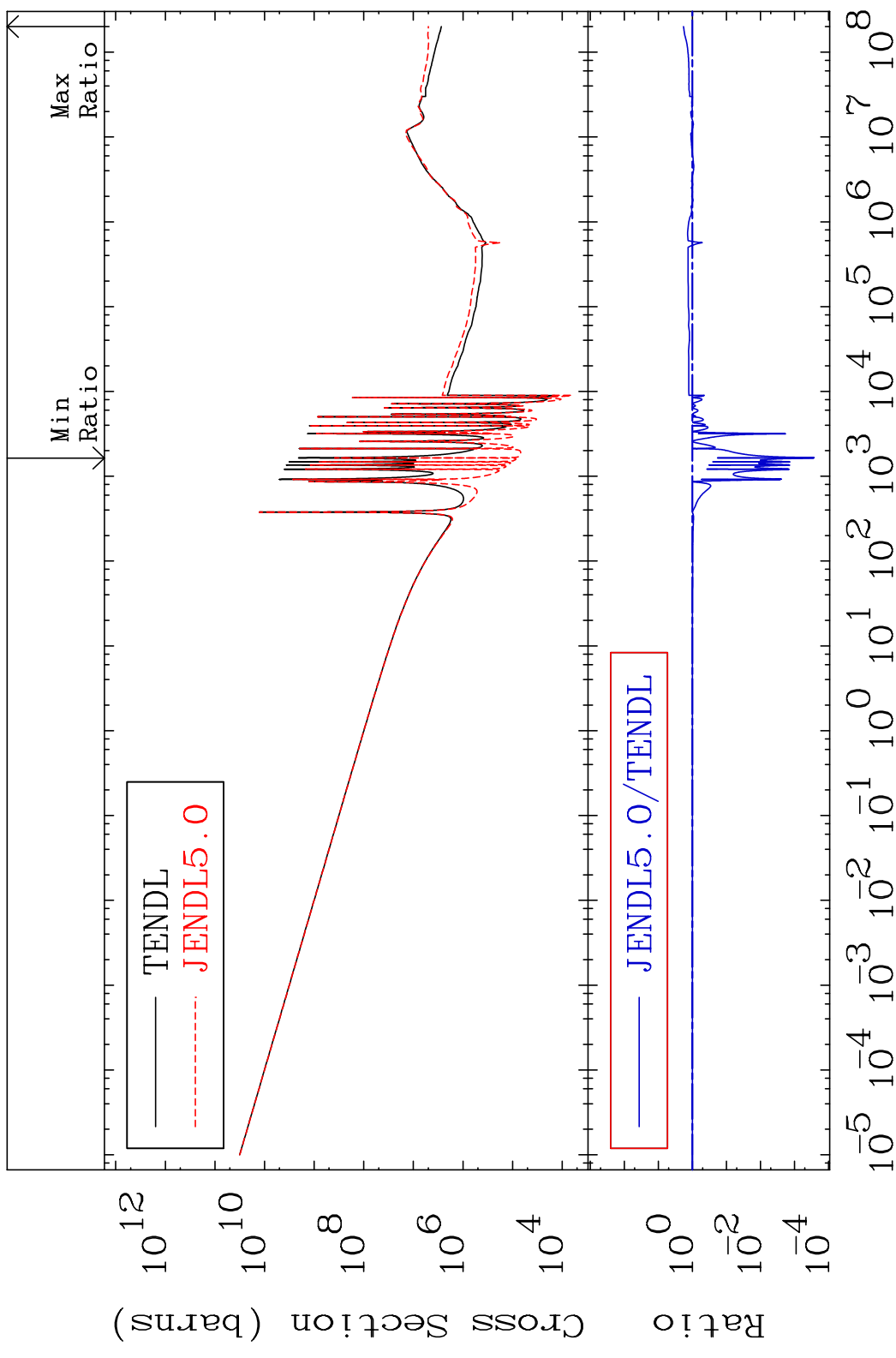


MAT 3431 Kerma capture (mt102) 34-Se-76
 Cross Section -100.0 To 9999. %



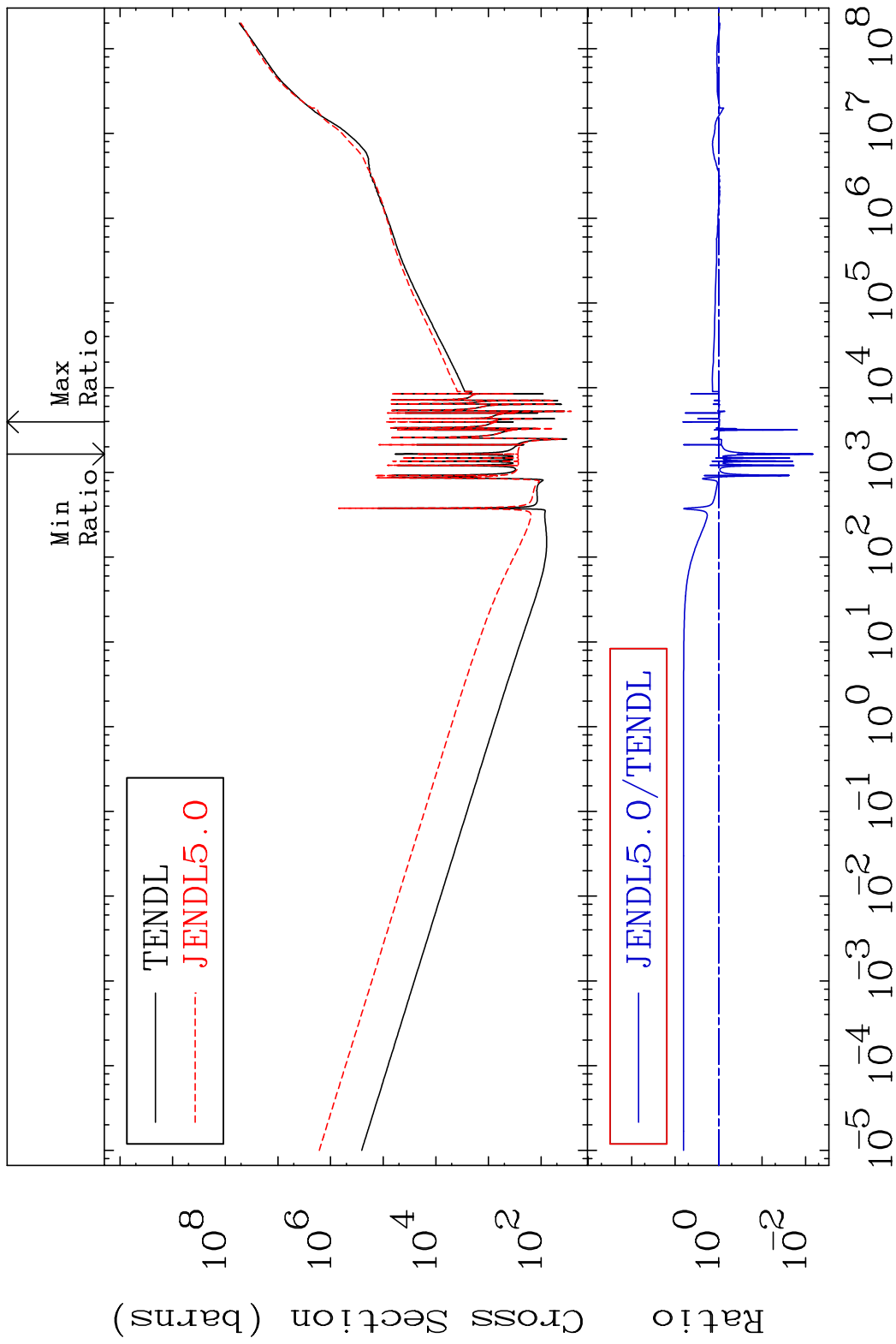
44 Incident Energy (eV) 34-Se-76

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

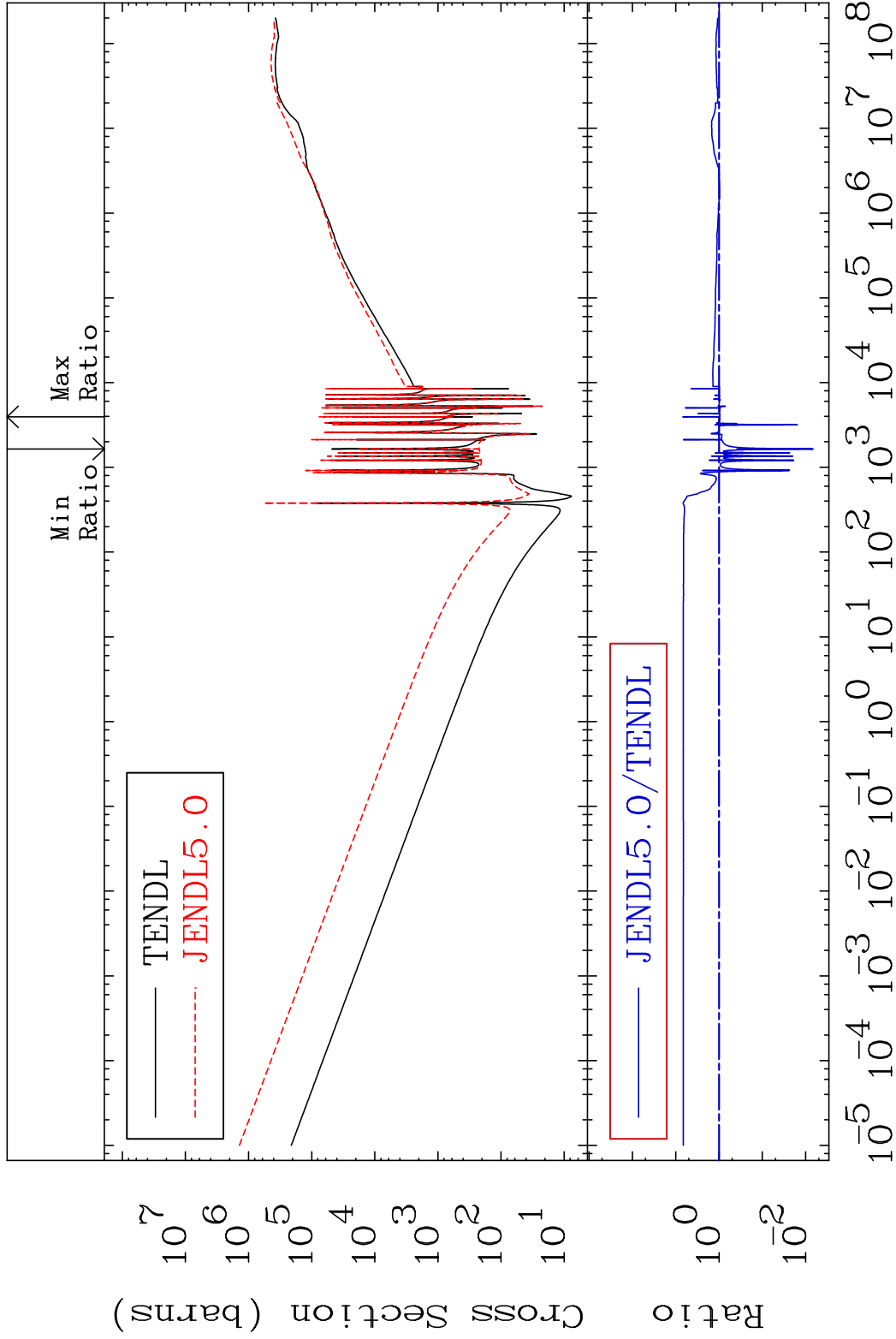


45 Incident Energy (eV) 34-Se-76

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



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



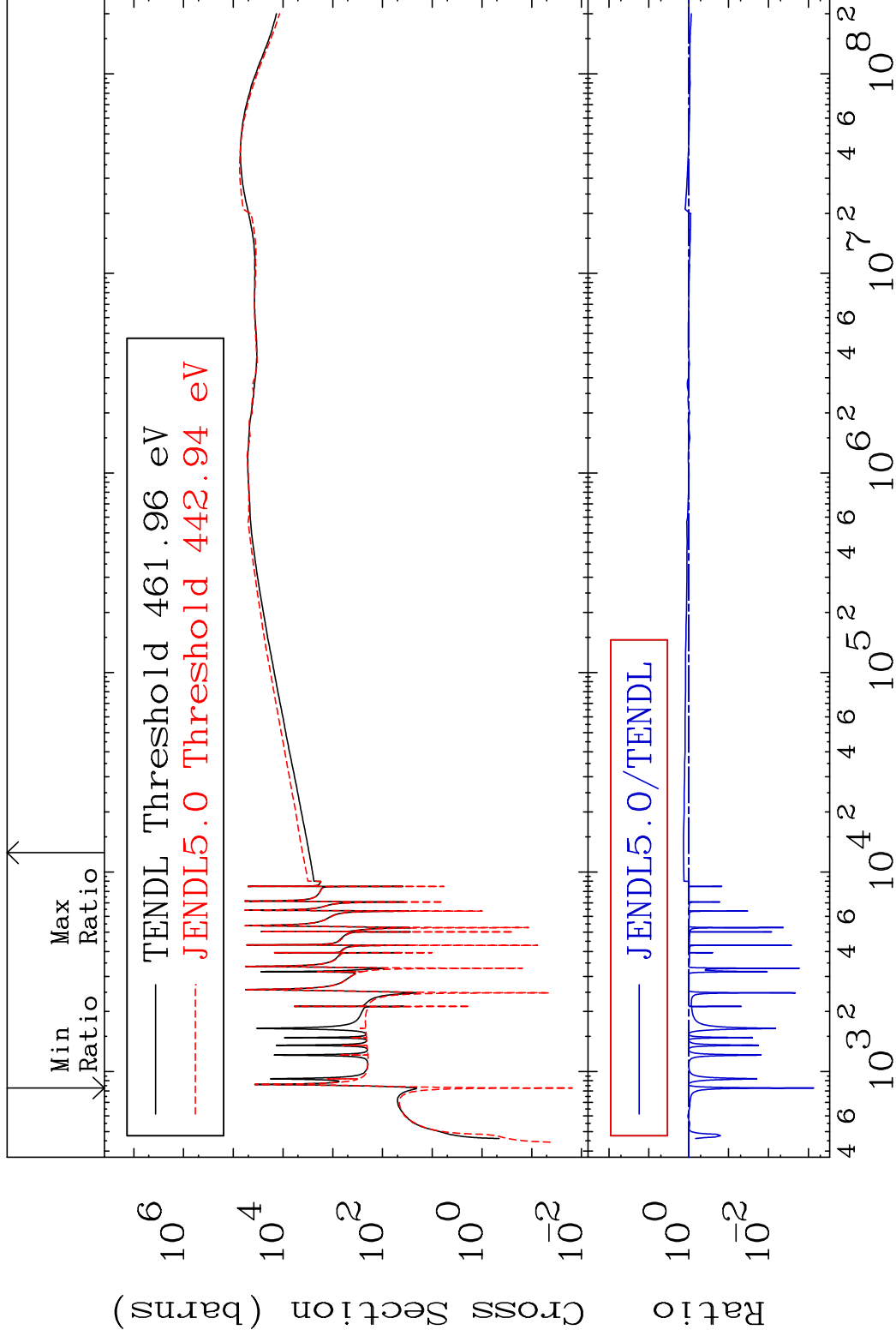
47 Incident Energy (eV) 34-Se-76

MAT 3431

Dpa elastic (mt2)

³⁴Se-76

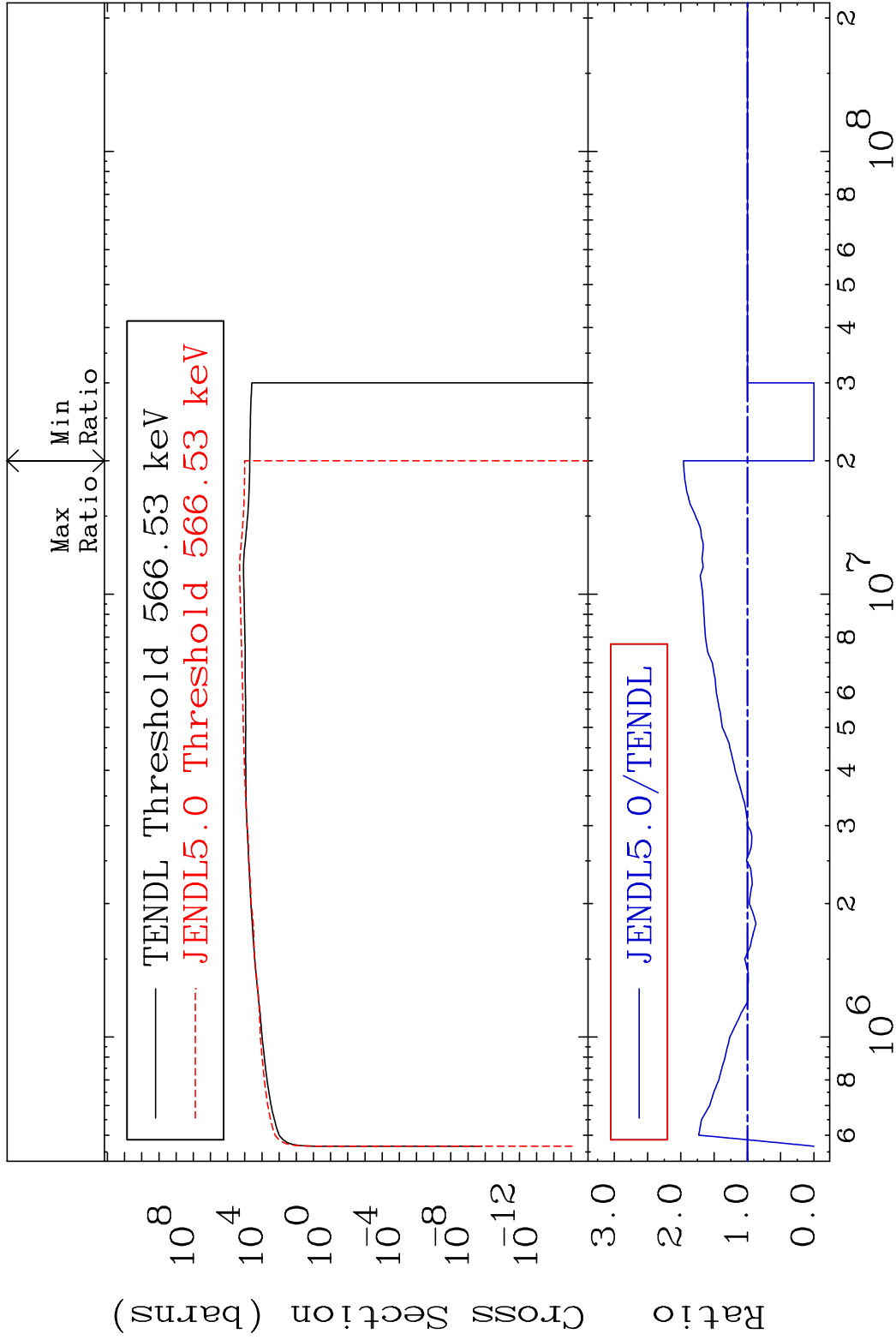
Cross Section -99.93 To 35.47 %



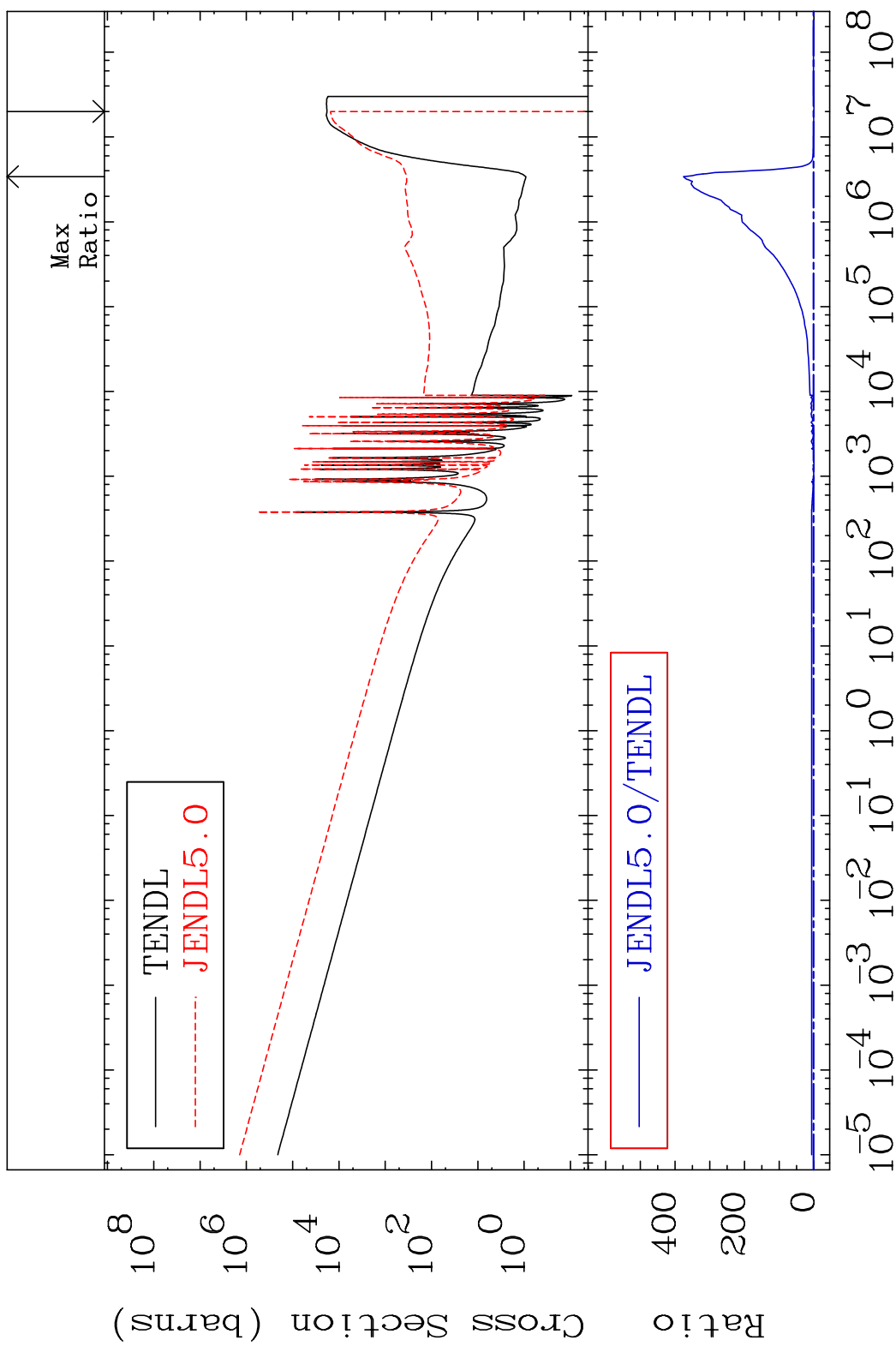
48

Incident Energy (eV)

³⁴Se-76

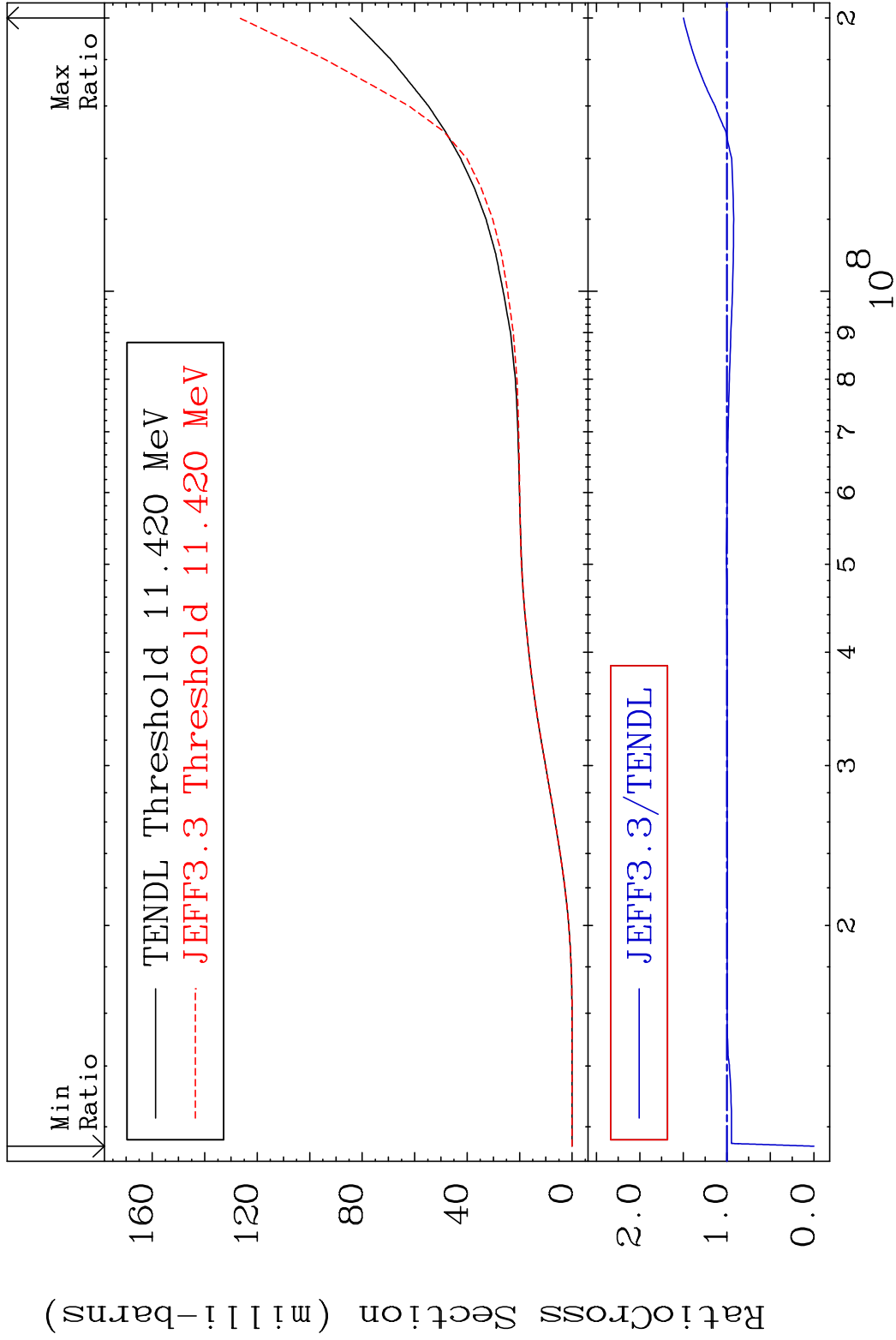


MAT 3431 Dpa disappearance (mt102 -120) 34-Se-76
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 34-Se-76

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

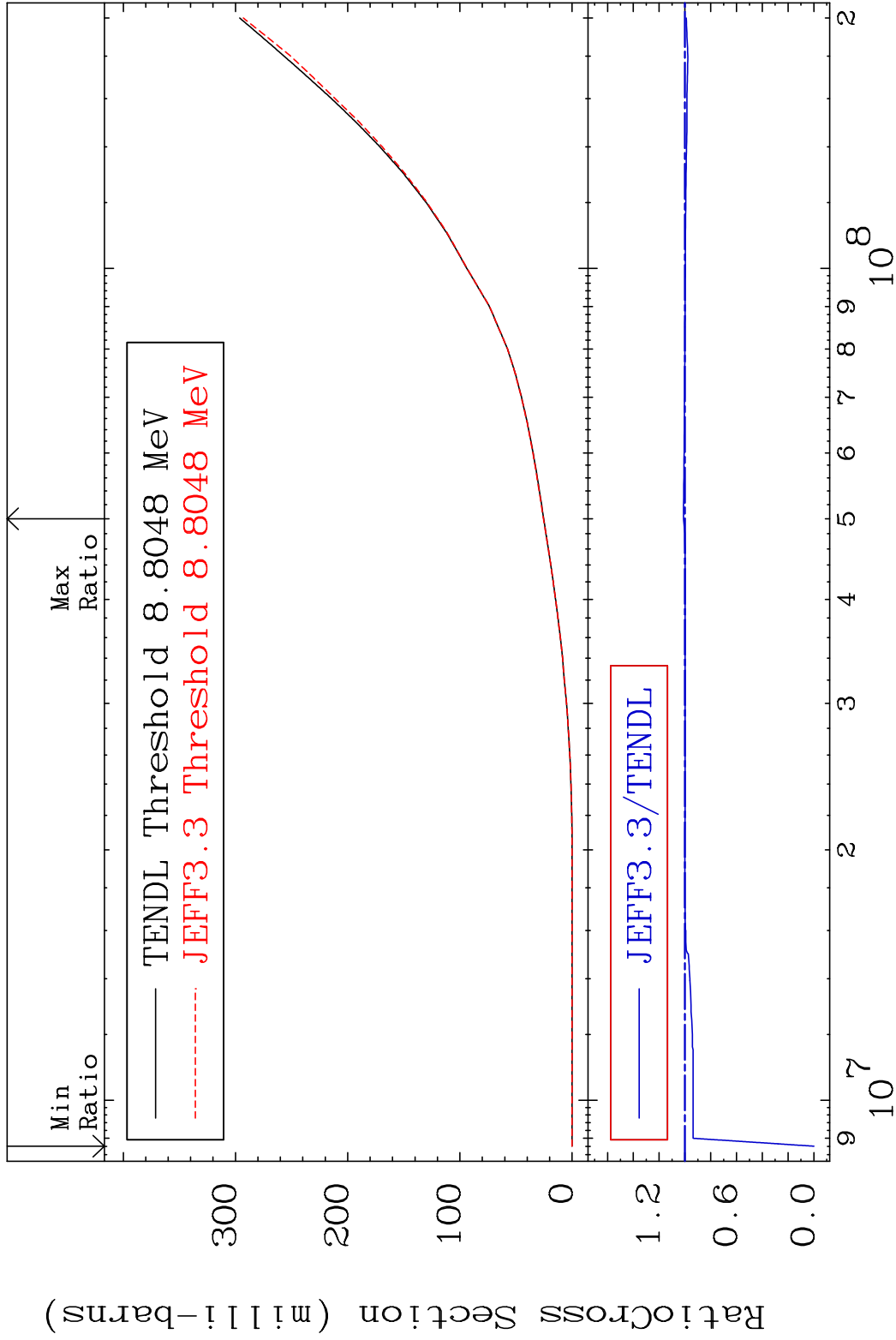


MAT 3431

He-3 Production

34-Se-76

Cross Section -100.0 To 1.137 %



52

Incident Energy (eV)

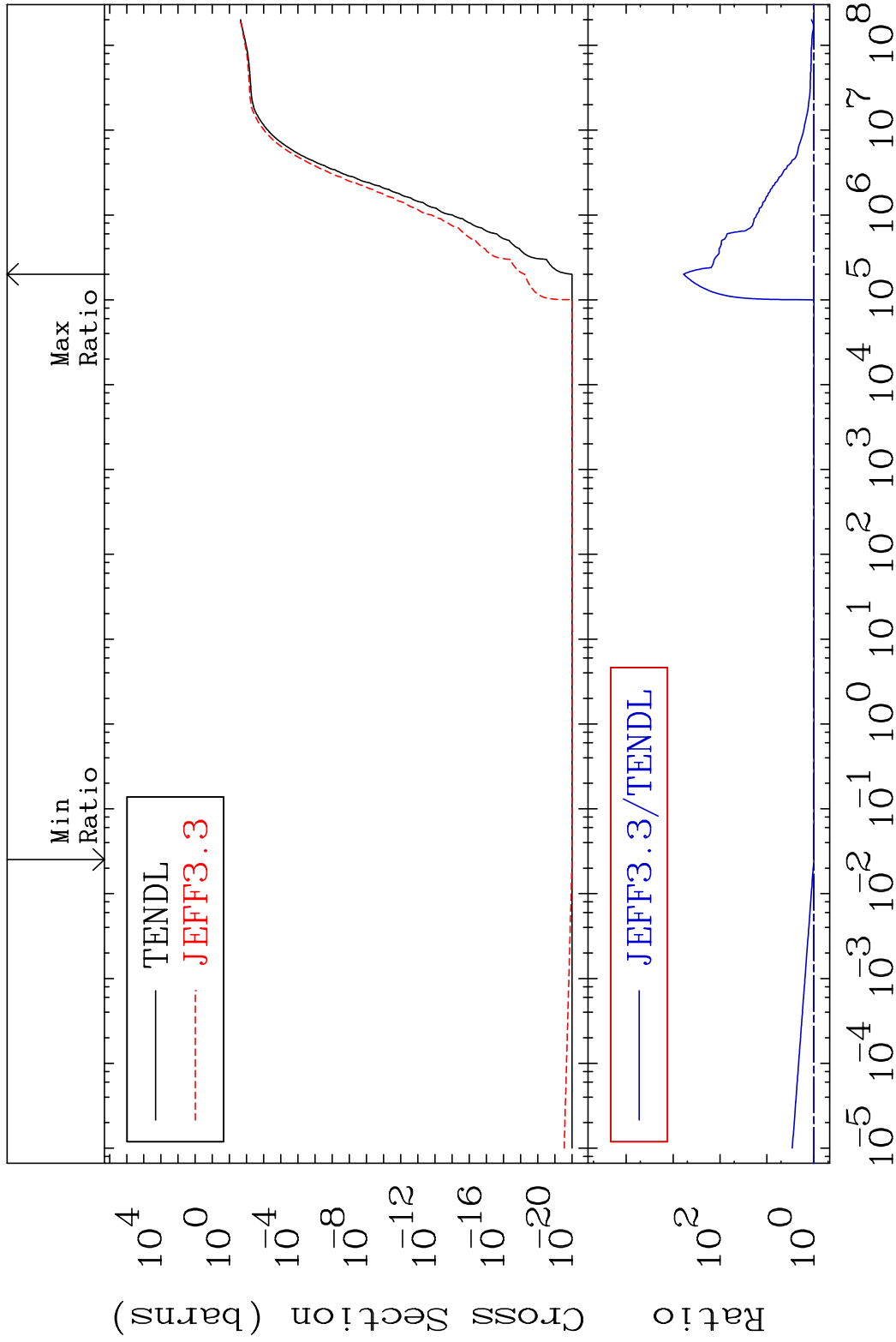
34-Se-76

MAT 3431

He-4 Production

34-Se-76

Cross Section 0.000 To 9999. %

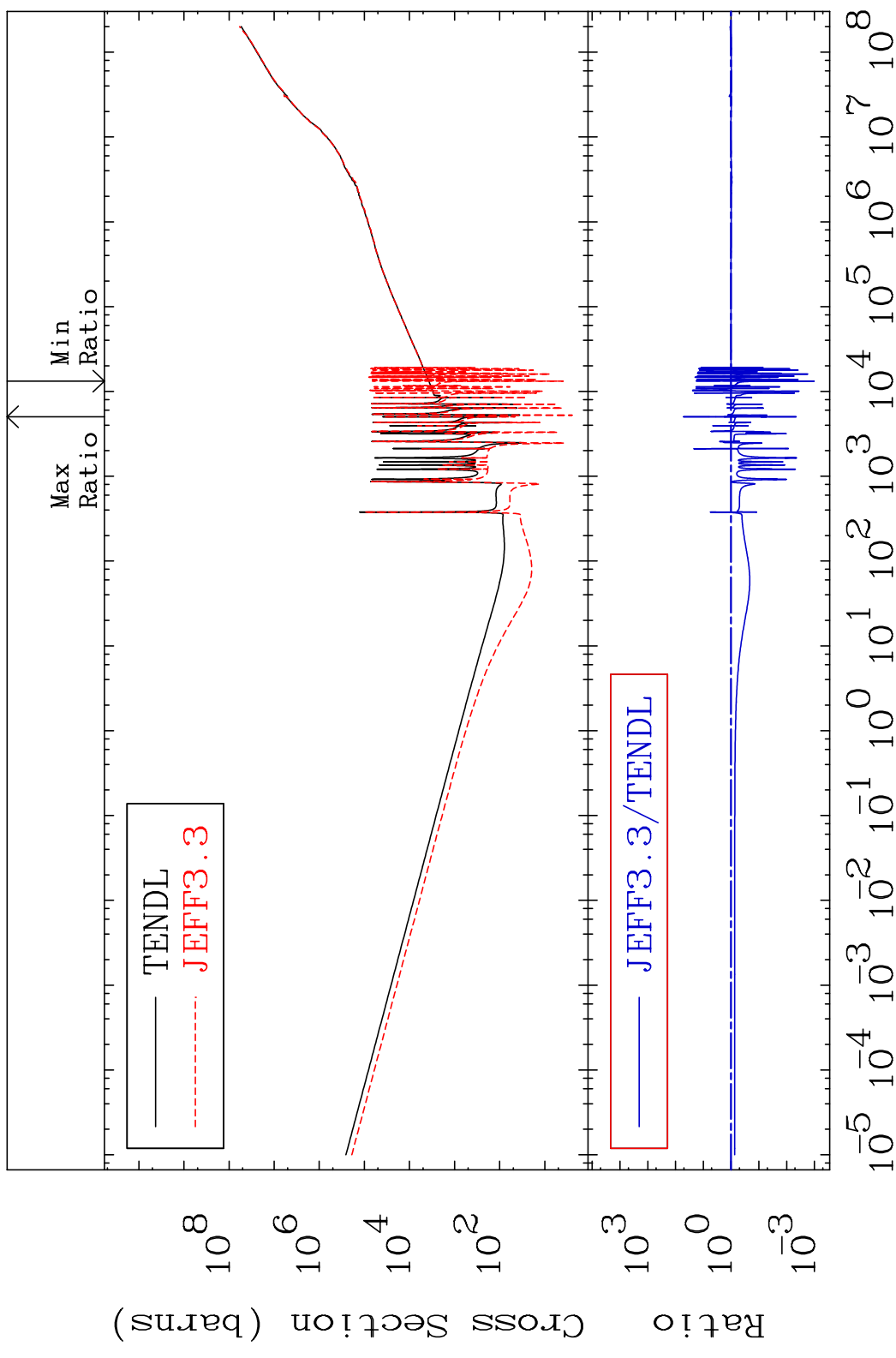


53

Incident Energy (eV)

34-Se-76

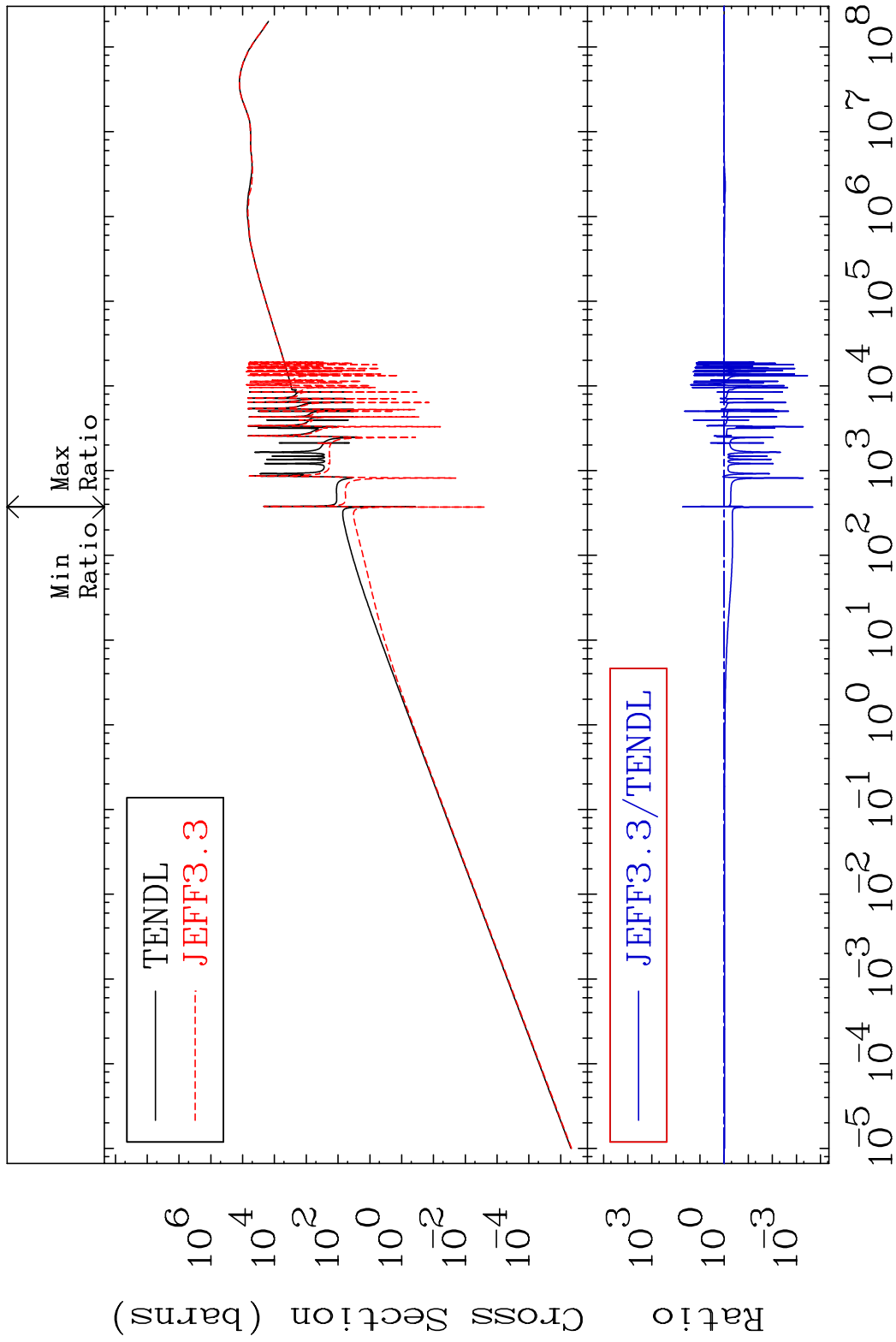
MAT 3431 Kerma total (eV-barns) 34-Se-76
 Cross Section -99.90 To 5086. %



54 Incident Energy (eV) 34-Se-76

MAT 3431

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

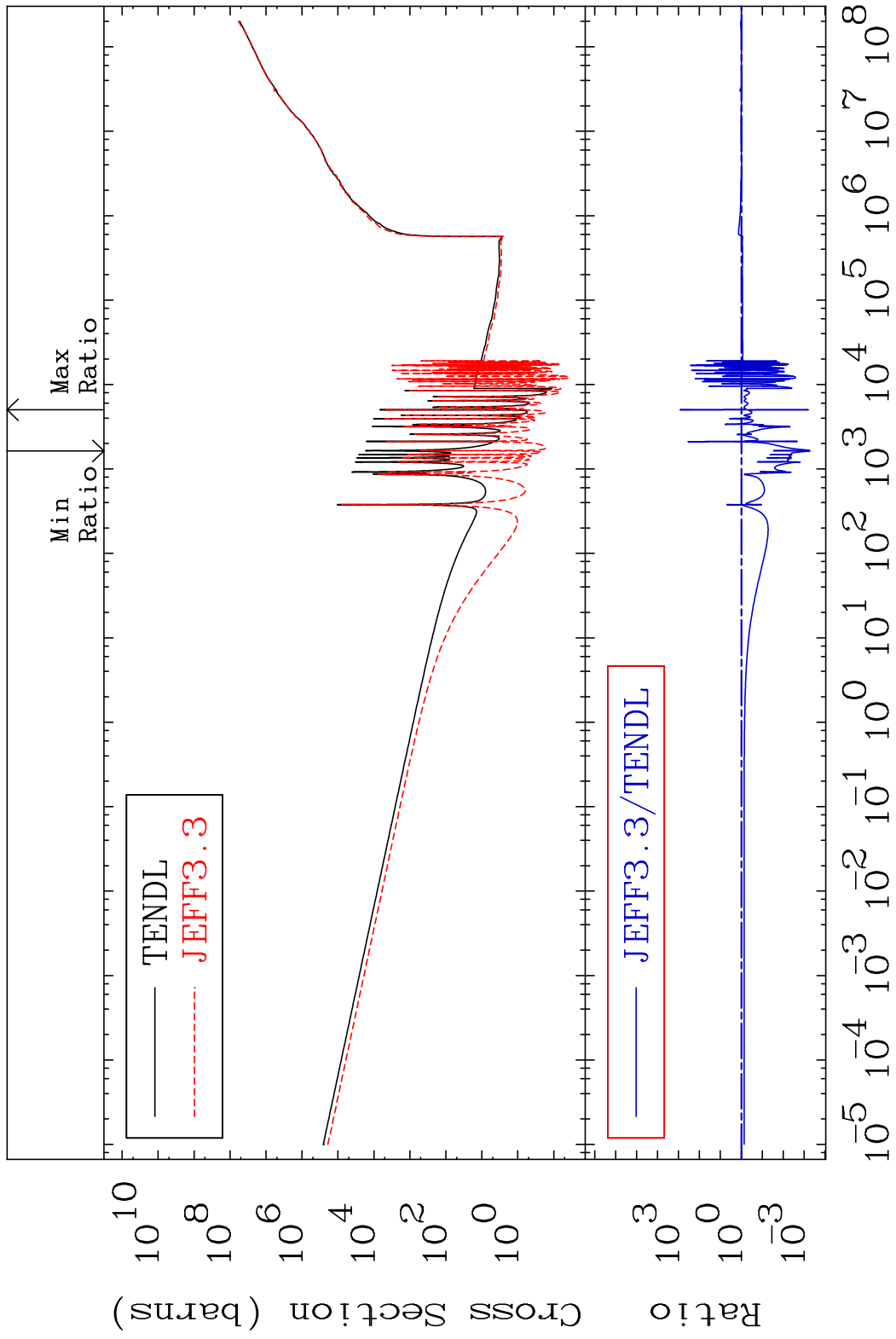


55

Incident Energy (eV)

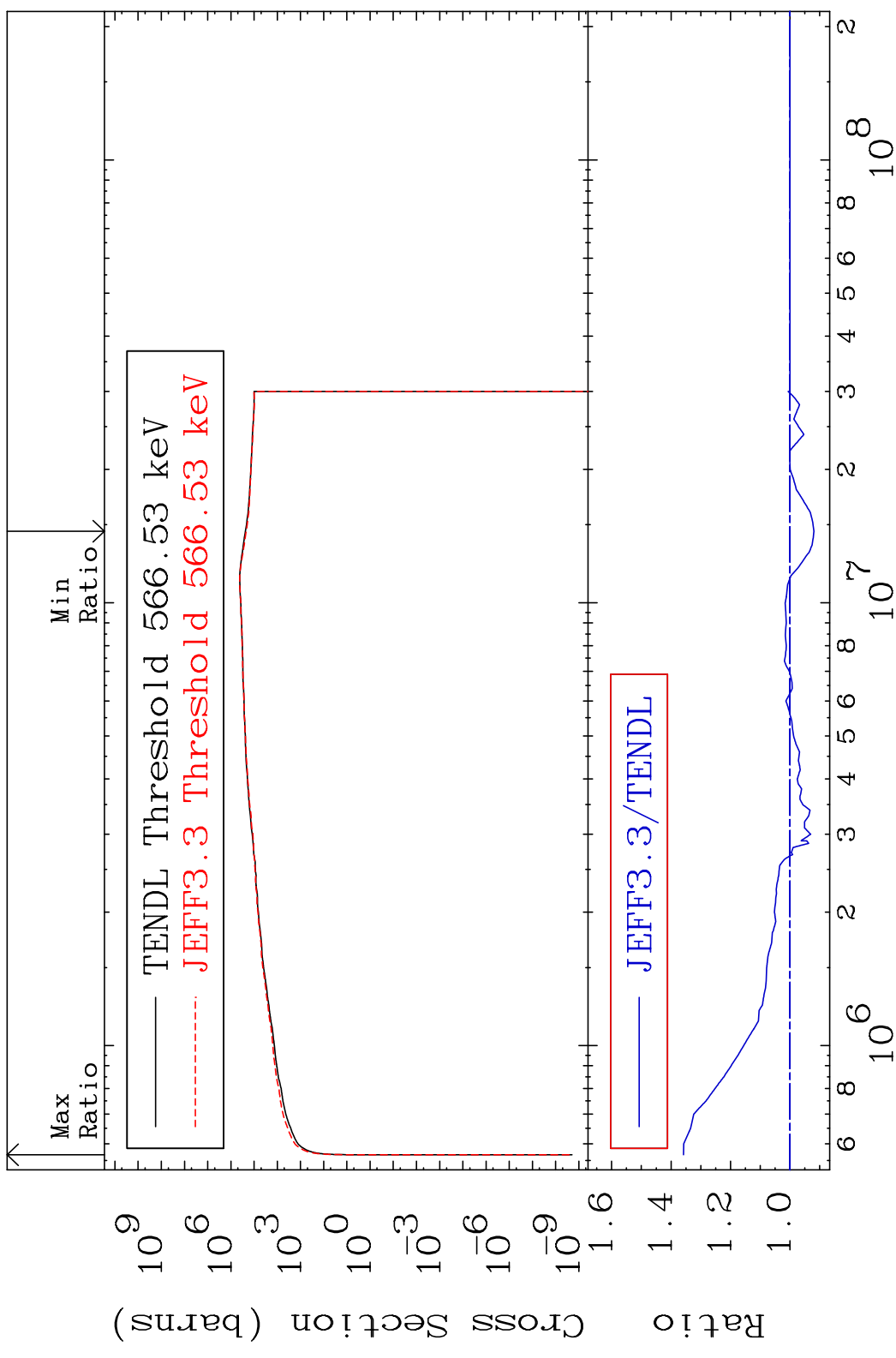
34-Se-76

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



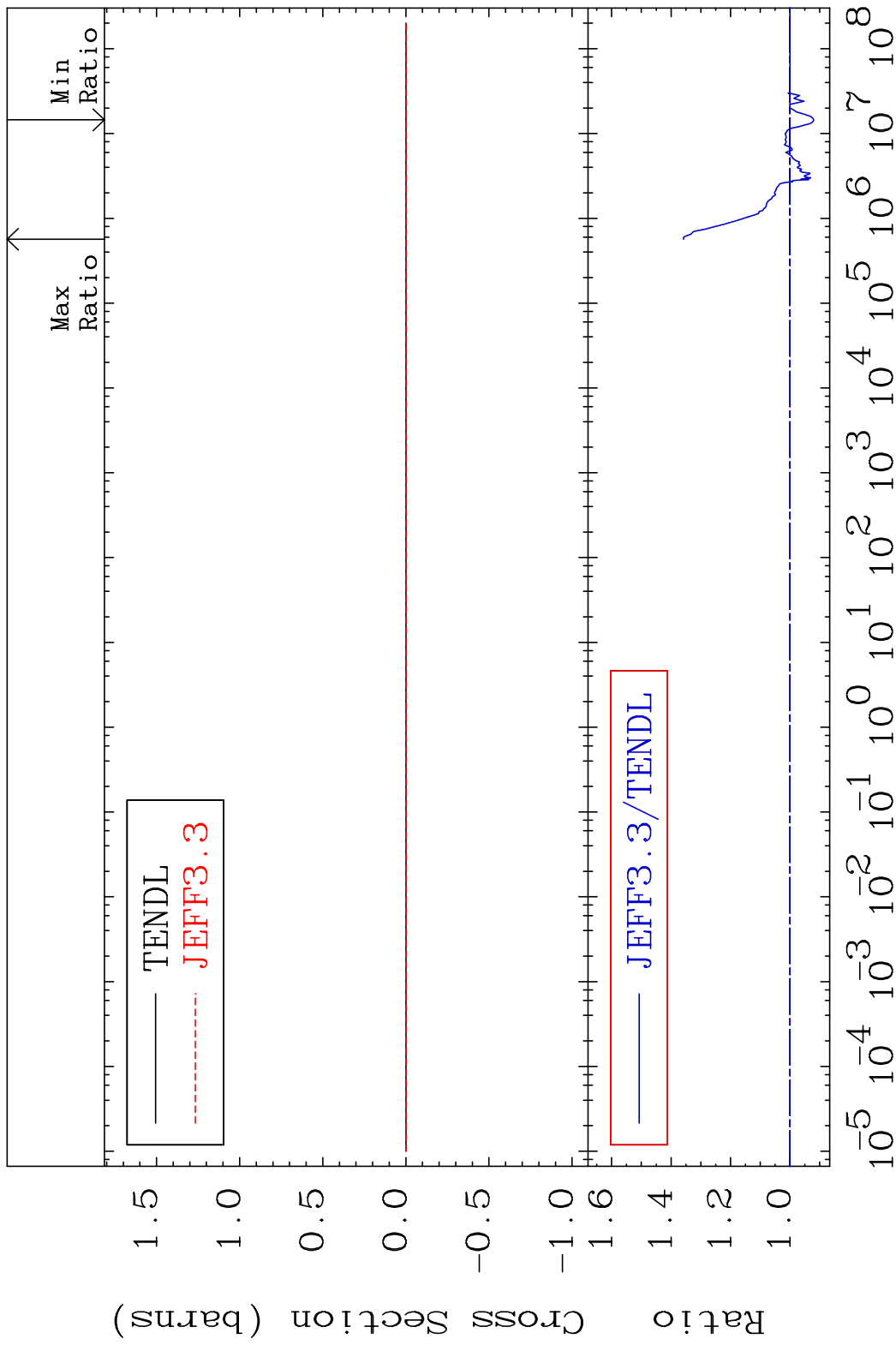
56 Incident Energy (eV) 34-Se-76

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

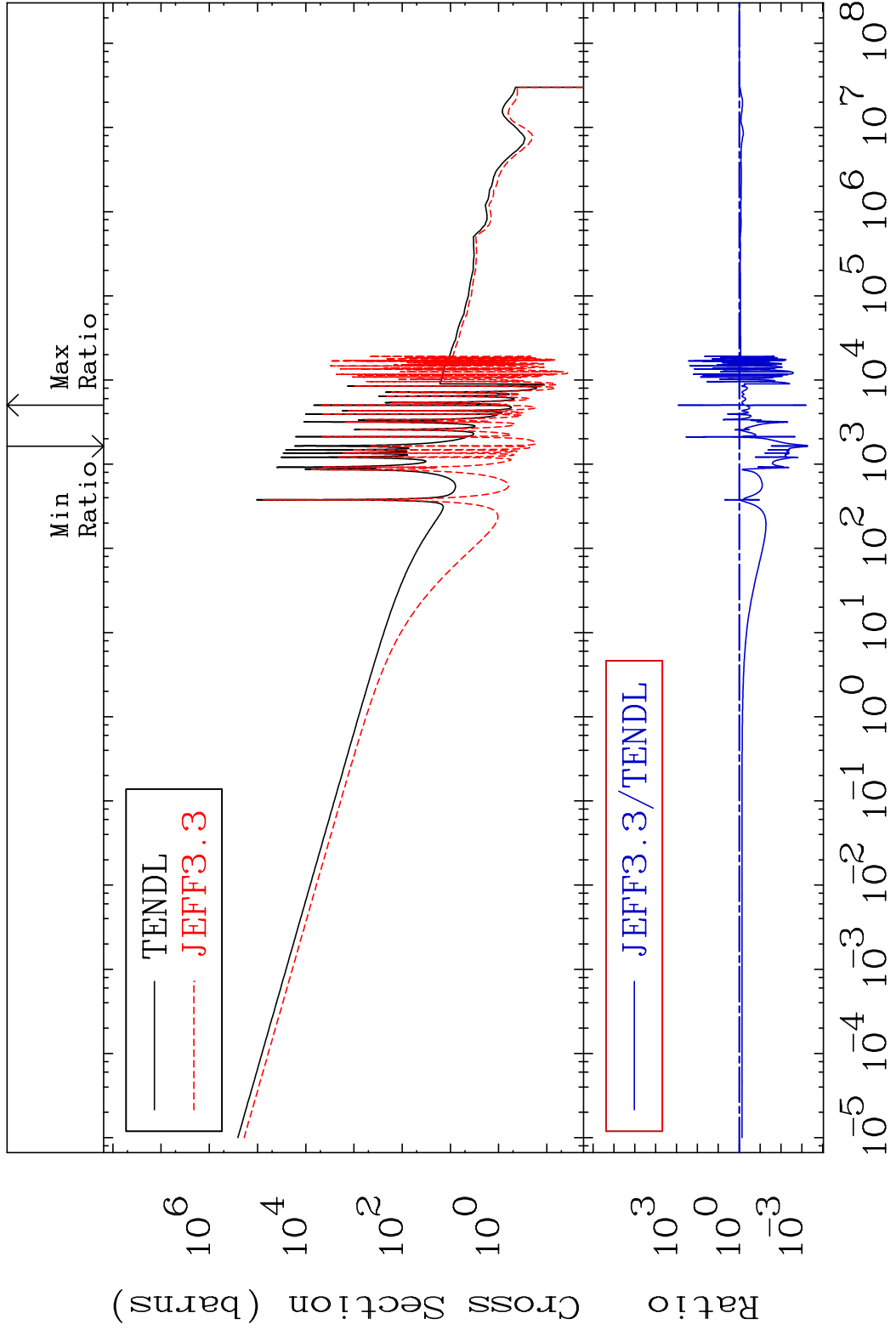


57 Incident Energy (eV) 34-Se-76

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

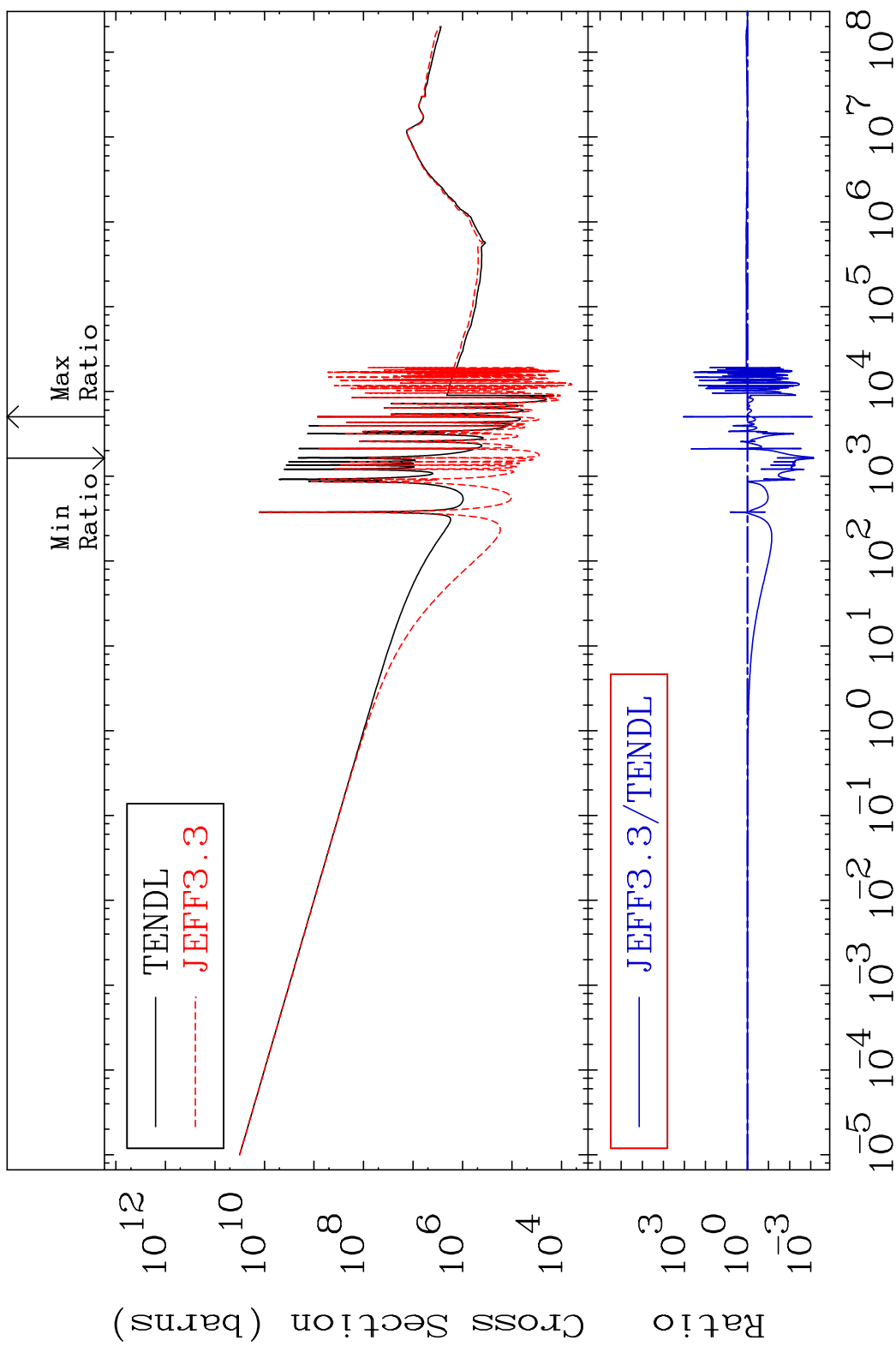


MAT 3431 Kerma capture (mt102) 34-Se-76
 Cross Section -99.95 To 9999. %



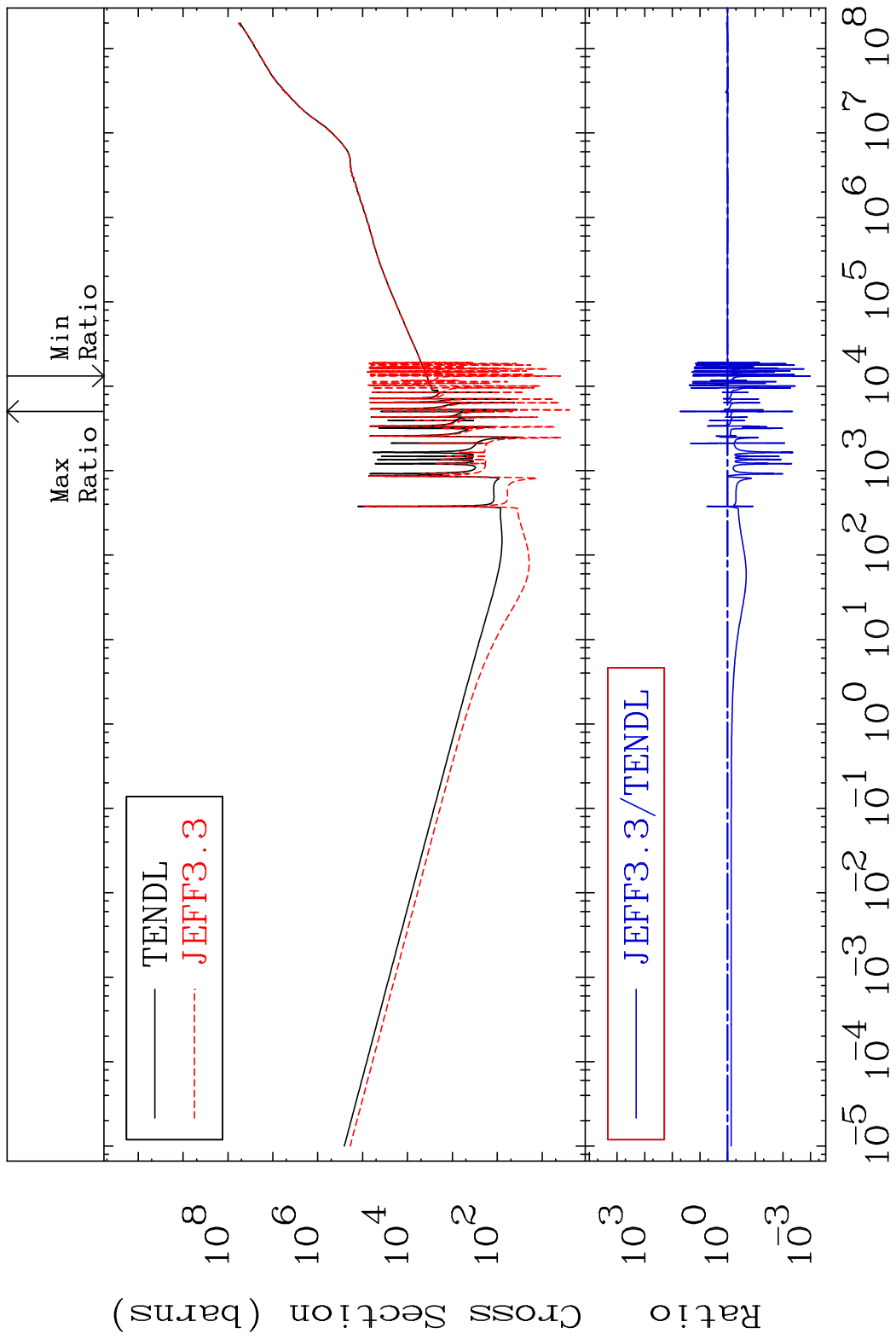
59 Incident Energy (eV) 34-Se-76

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



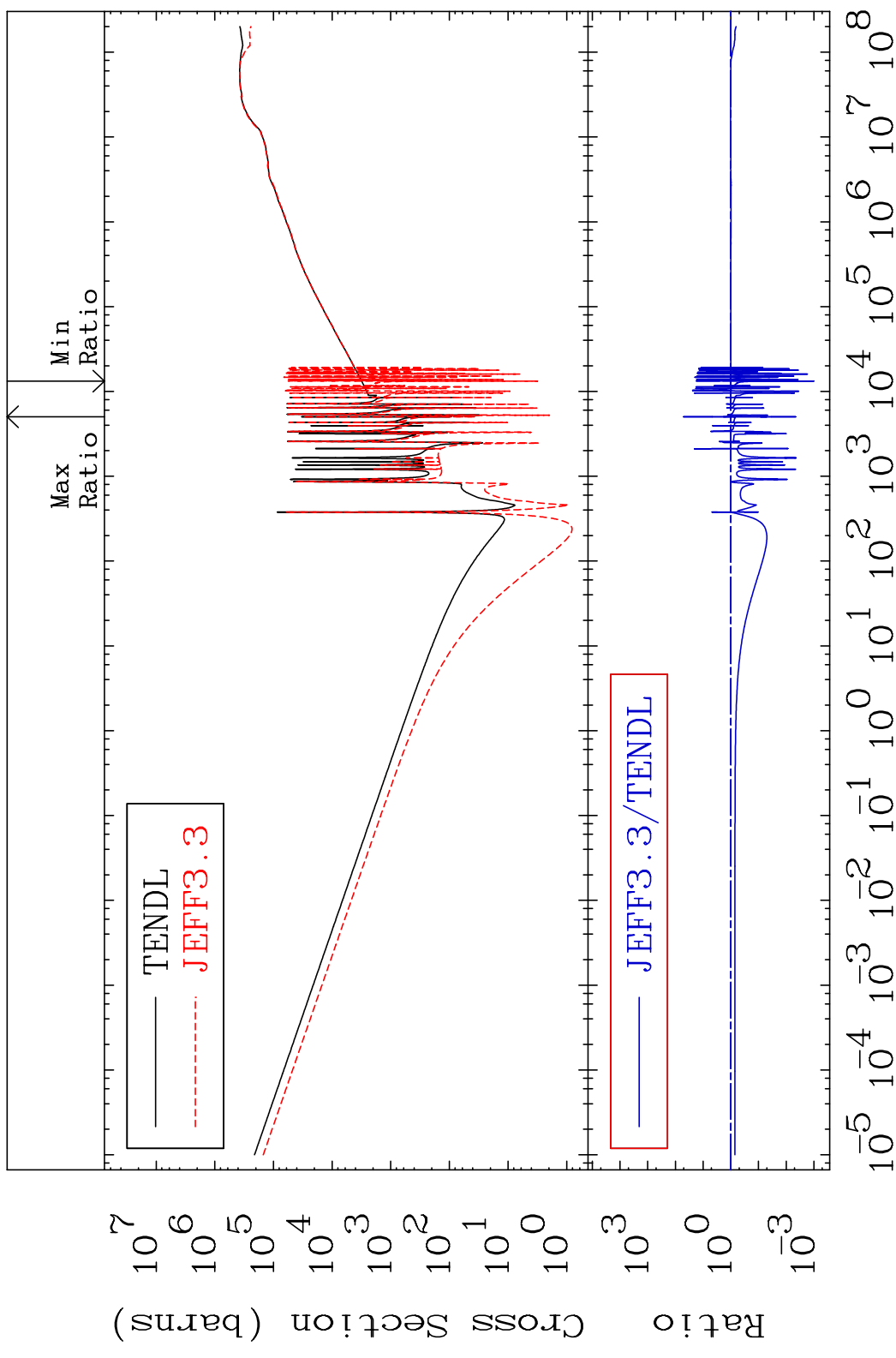
60 Incident Energy (eV) 34-Se-76

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. %



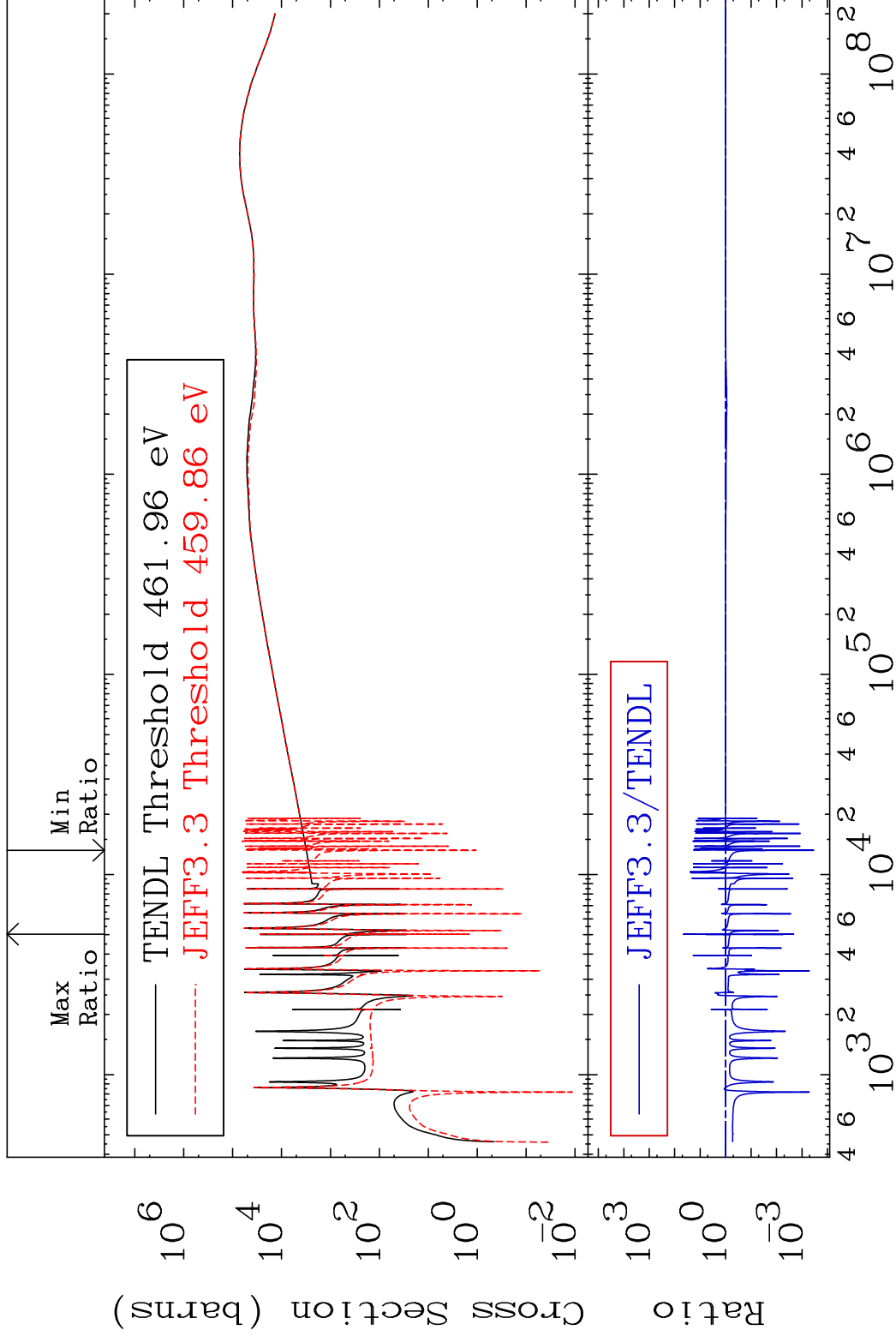
62 Incident Energy (eV) 34-Se-76

MAT 3431

Dpa elastic (mt2)

34-Se-76

Cross Section -99.97 To 4418. %

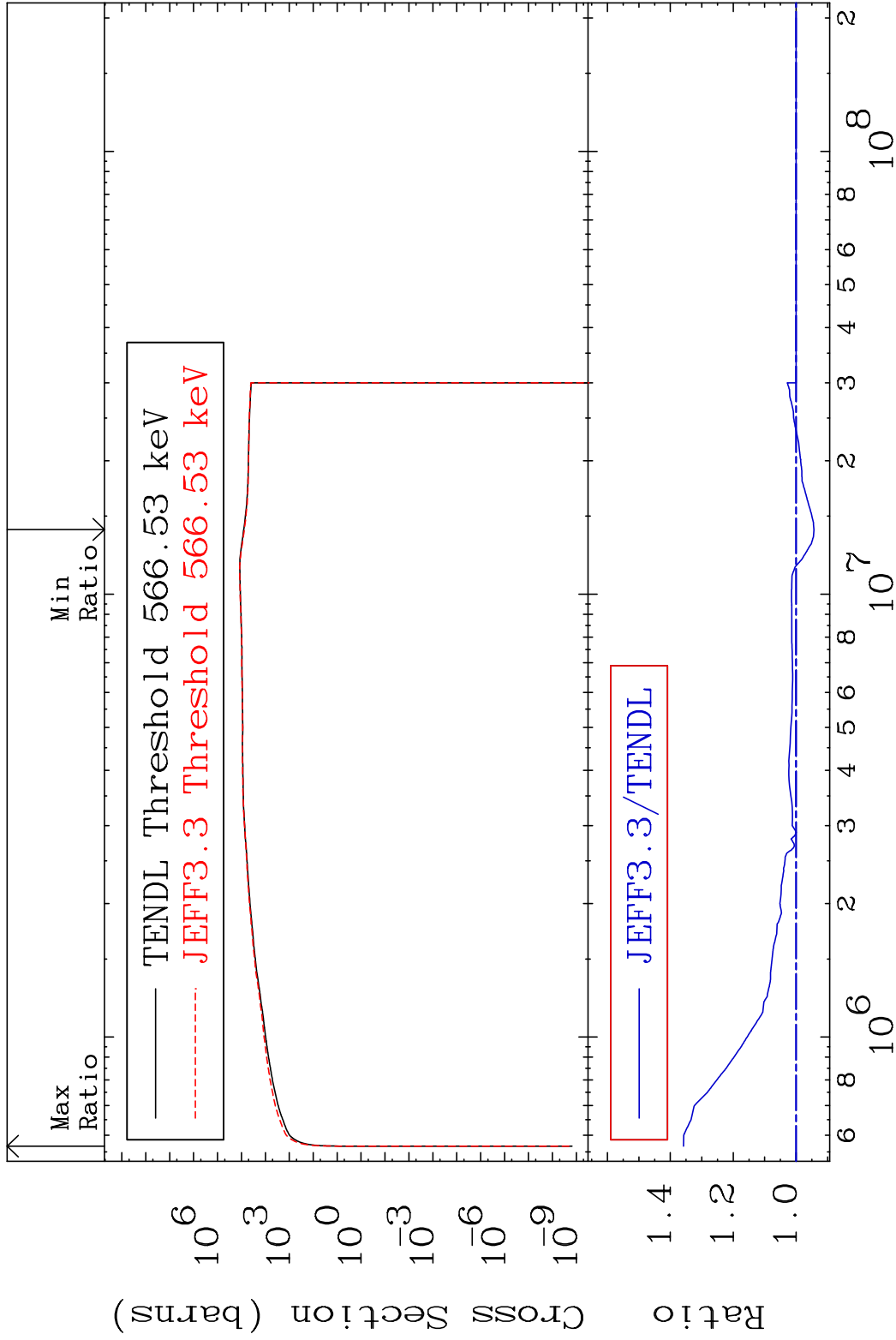


63

Incident Energy (eV)

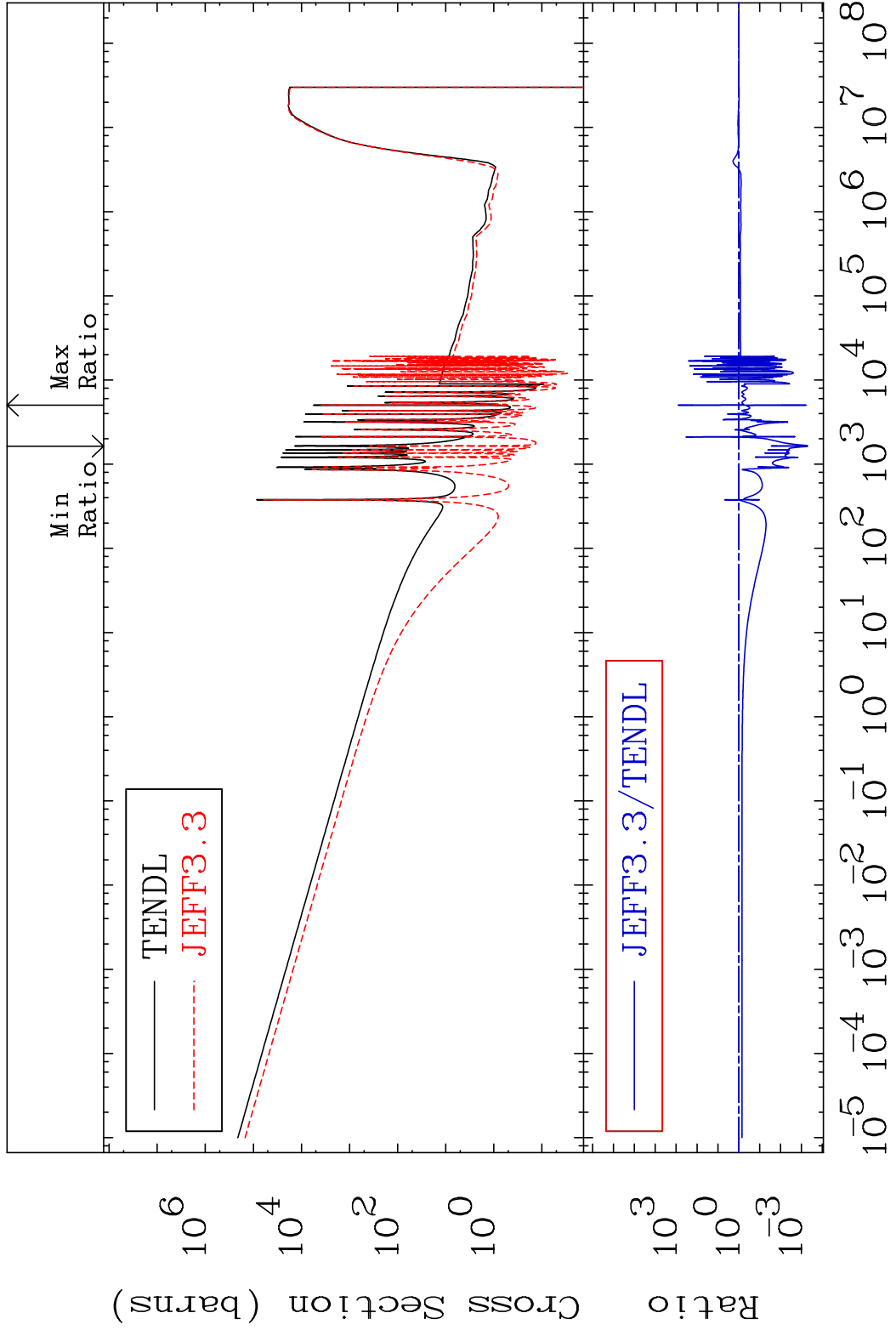
34-Se-76

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

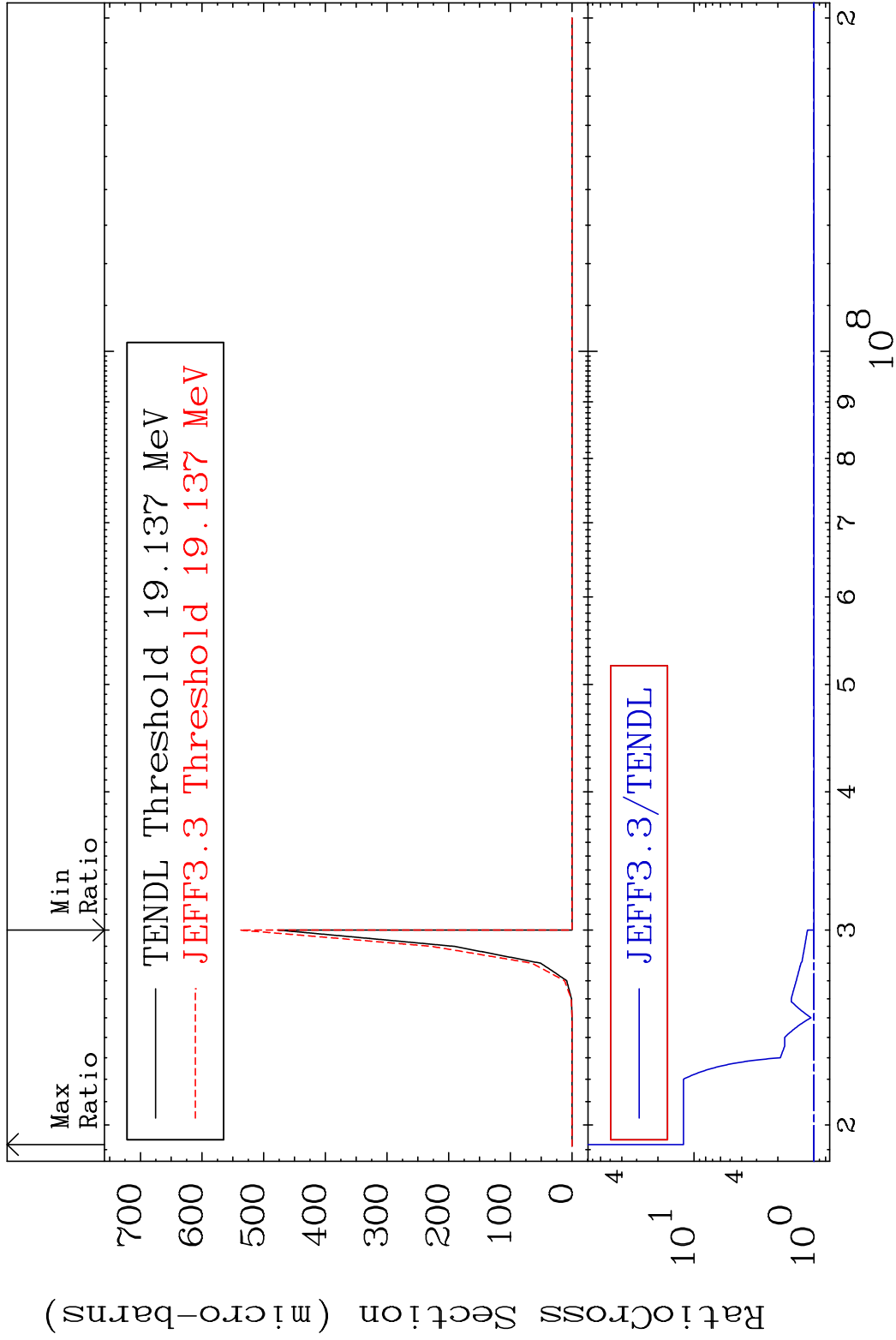


64 Incident Energy (eV) ³⁴Se-76

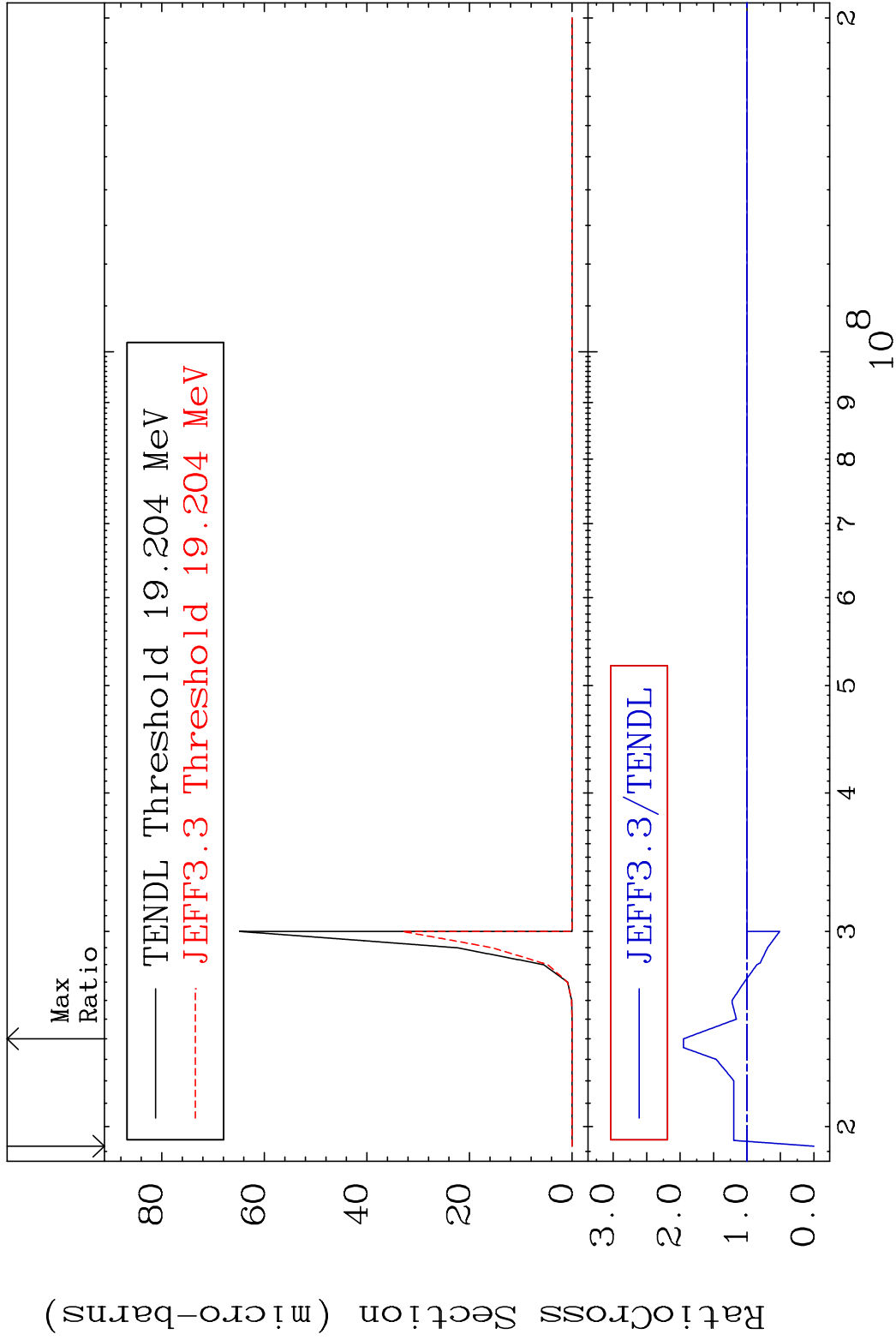
MAT 3431 Dpa disappearance (mt102 -120) 34-Se-76
 Cross Section -99.95 To 9999. %



65 Incident Energy (eV) 34-Se-76

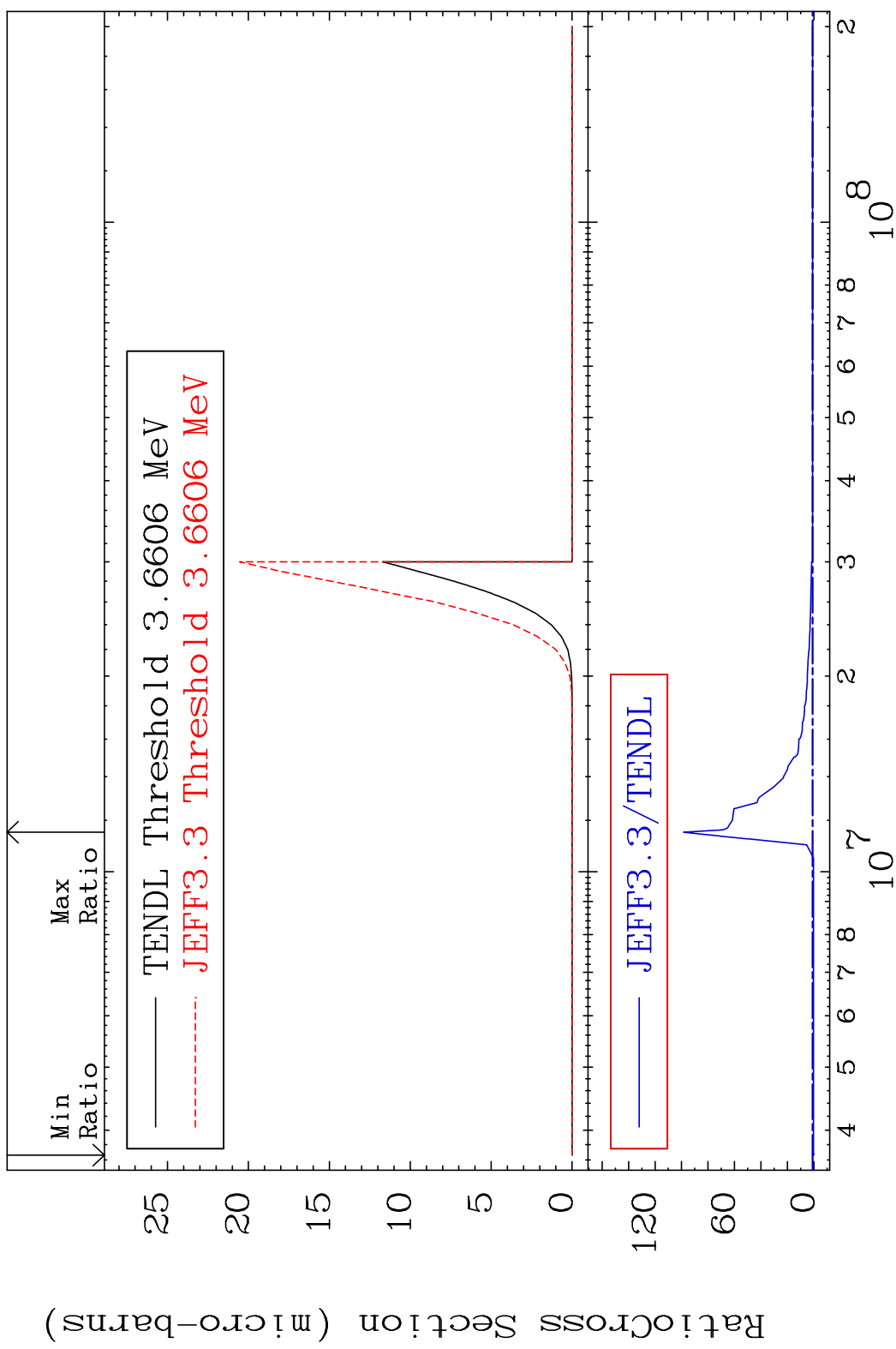


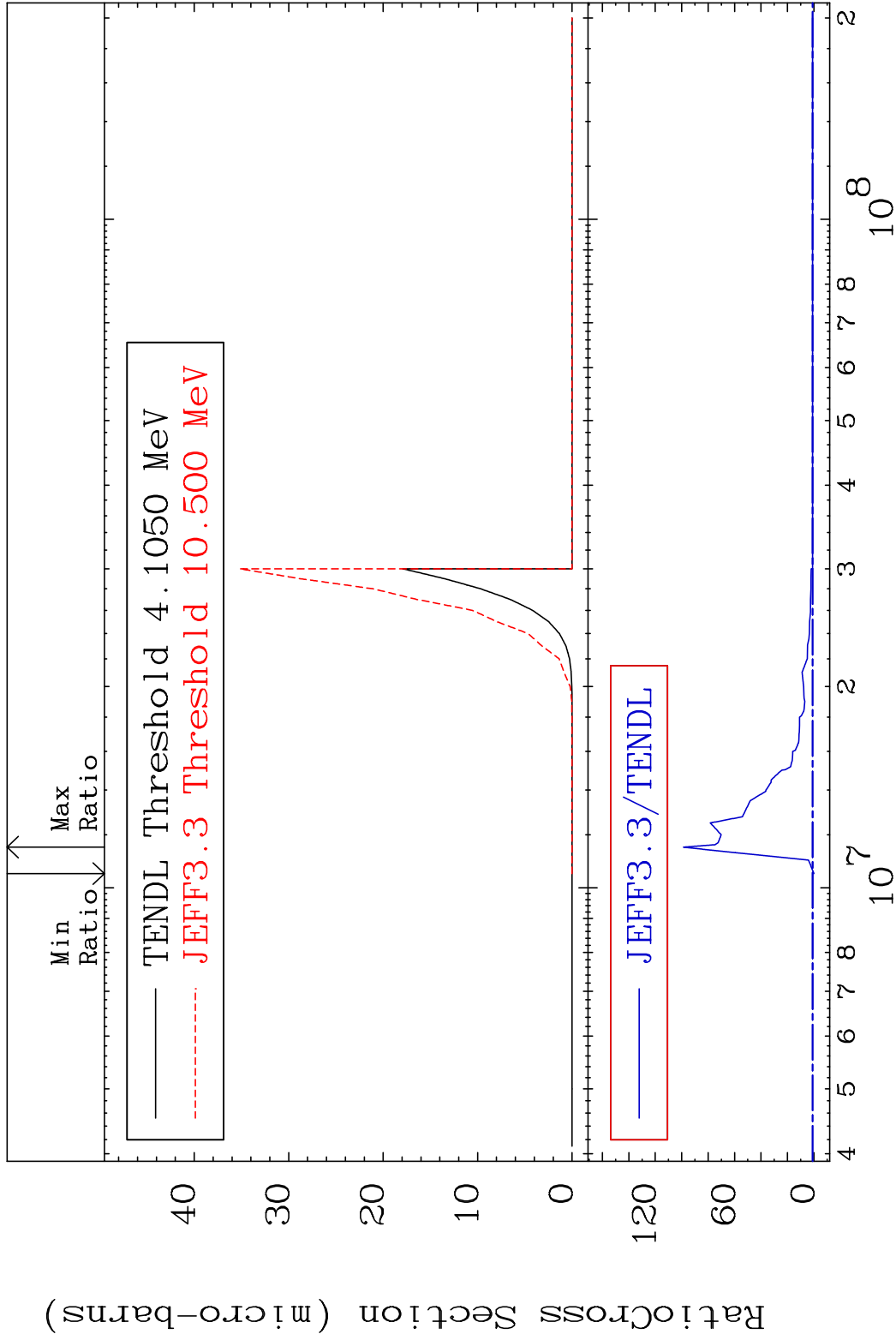
MAT 3431 (n, n') He-3:32-Ge-73m2 34-Se-76
 Radionuclide Production Cross Section 180000 dpo 95.00 %



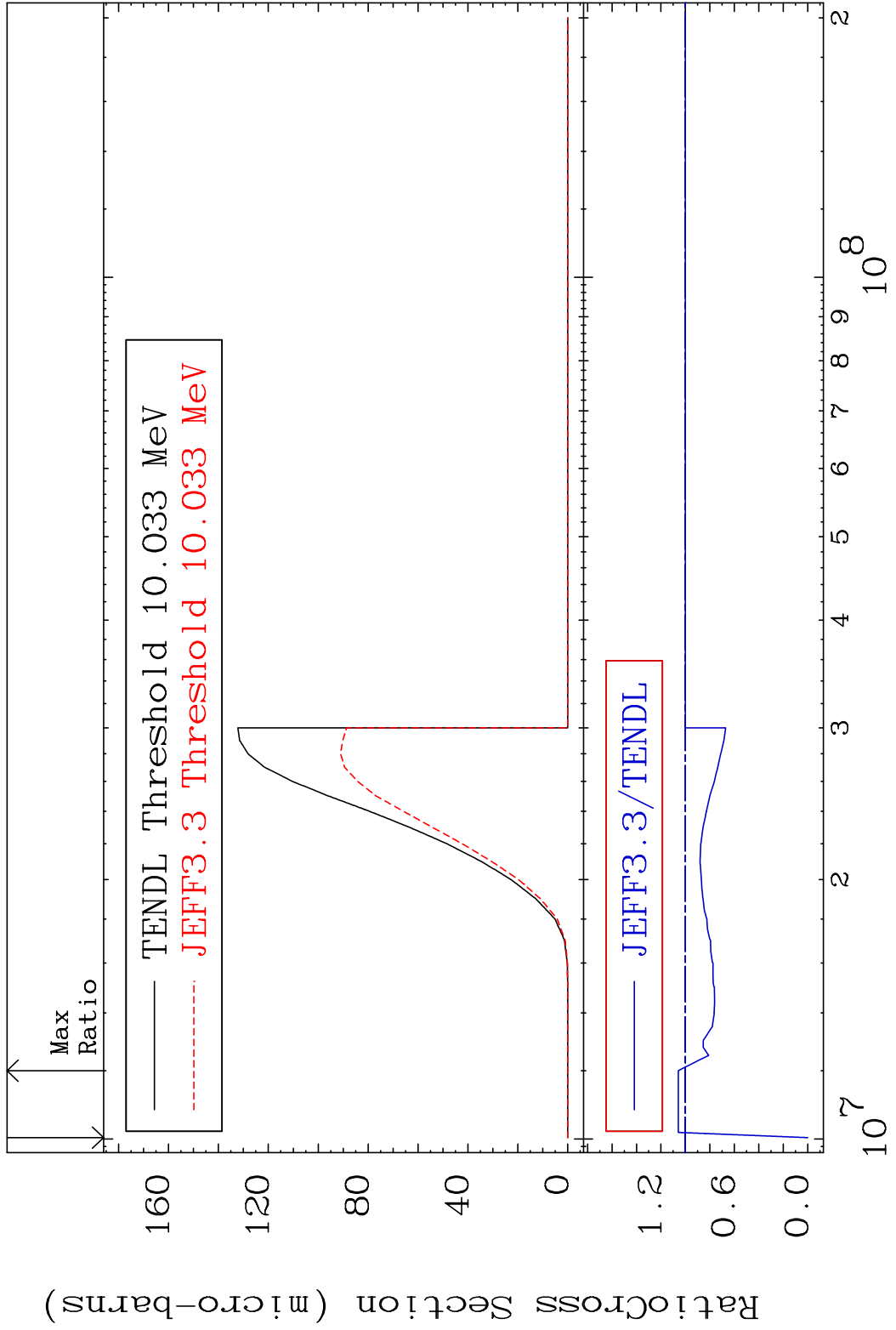
67 34-Se-76

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



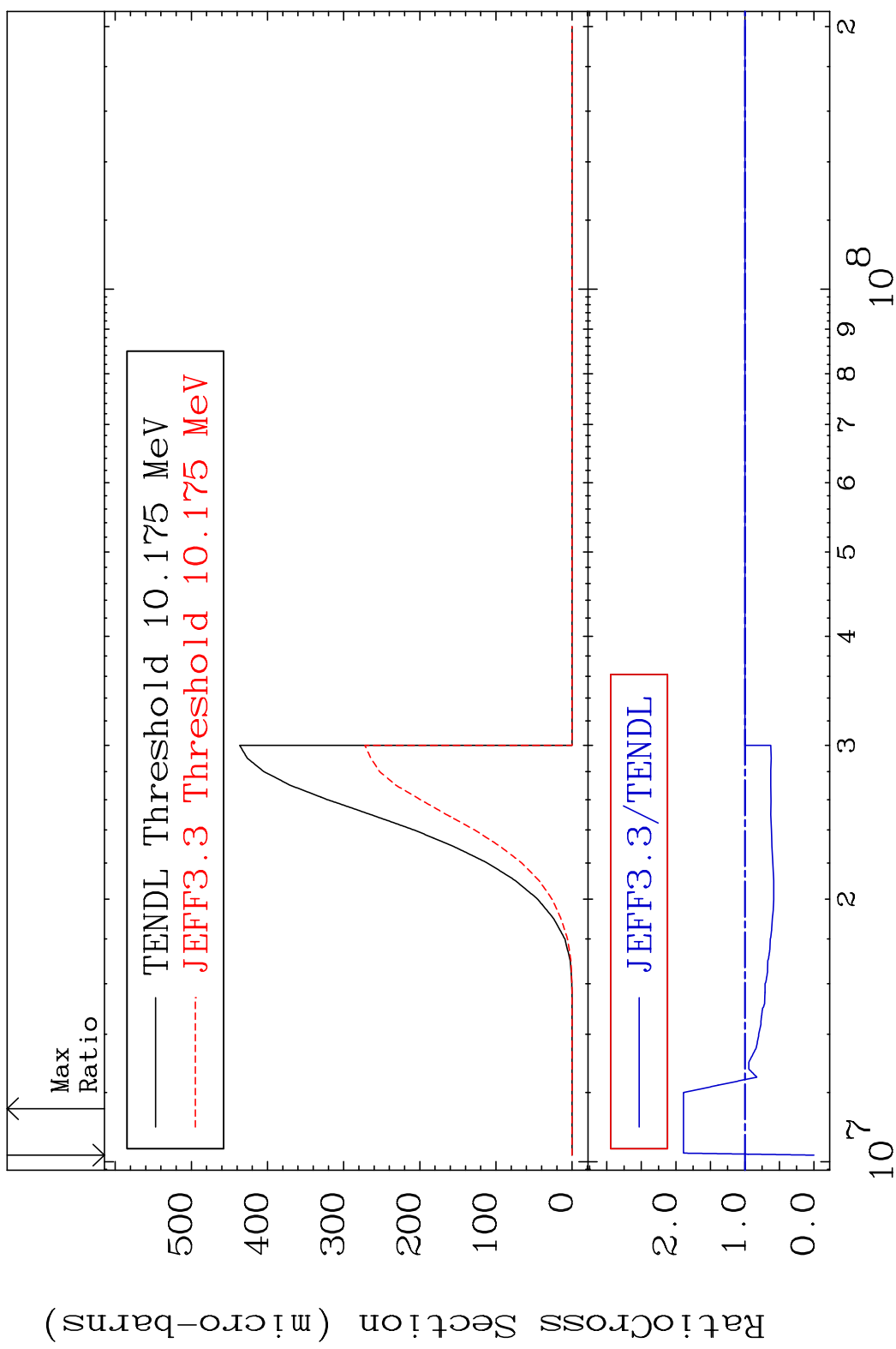


MAT 3431 (n,2p):32-Ge-75g 34-Se-76
 Radionuclide Production Cross Section 180000 dpo 5.837 %

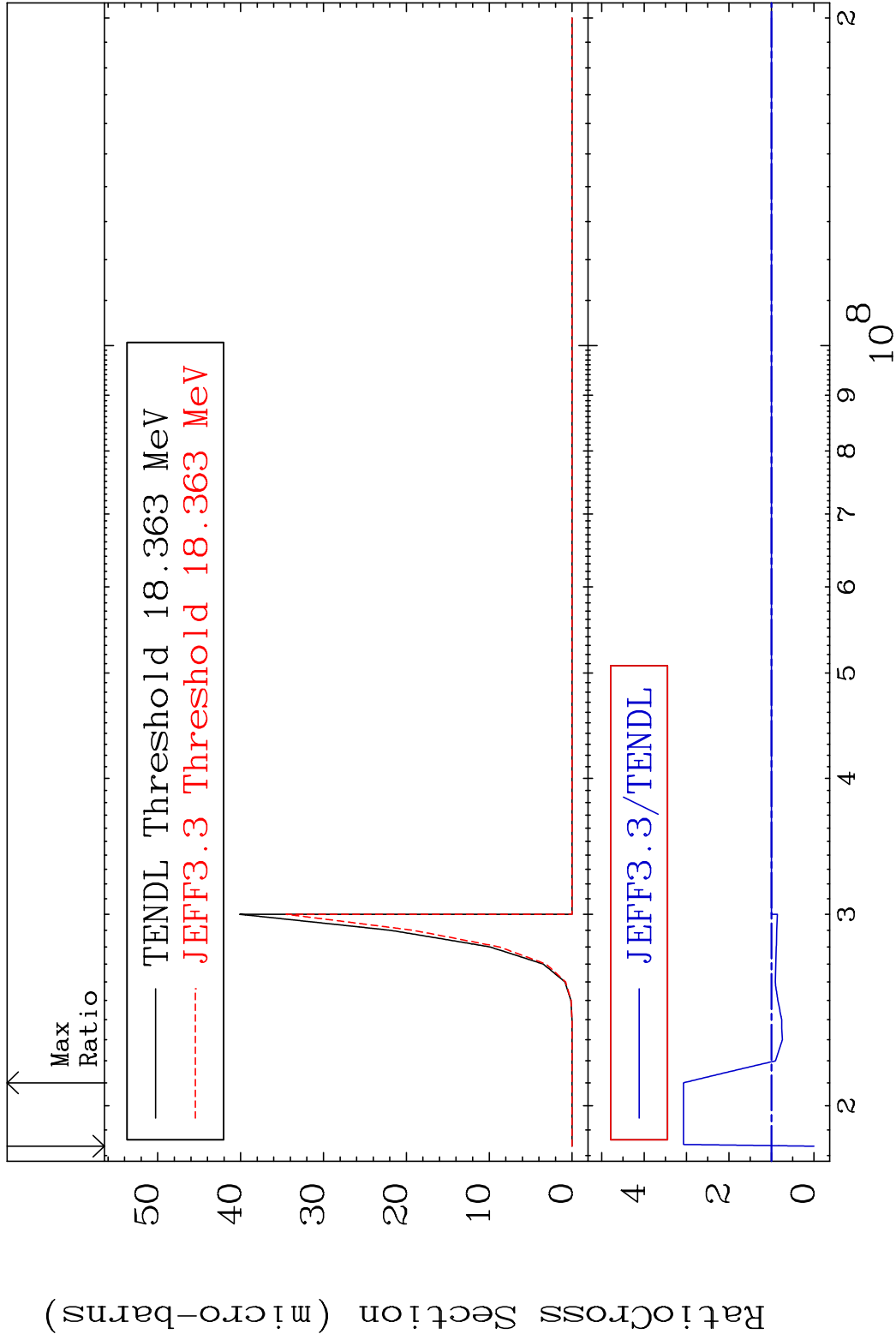


70 Incident Energy (eV) 34-Se-76

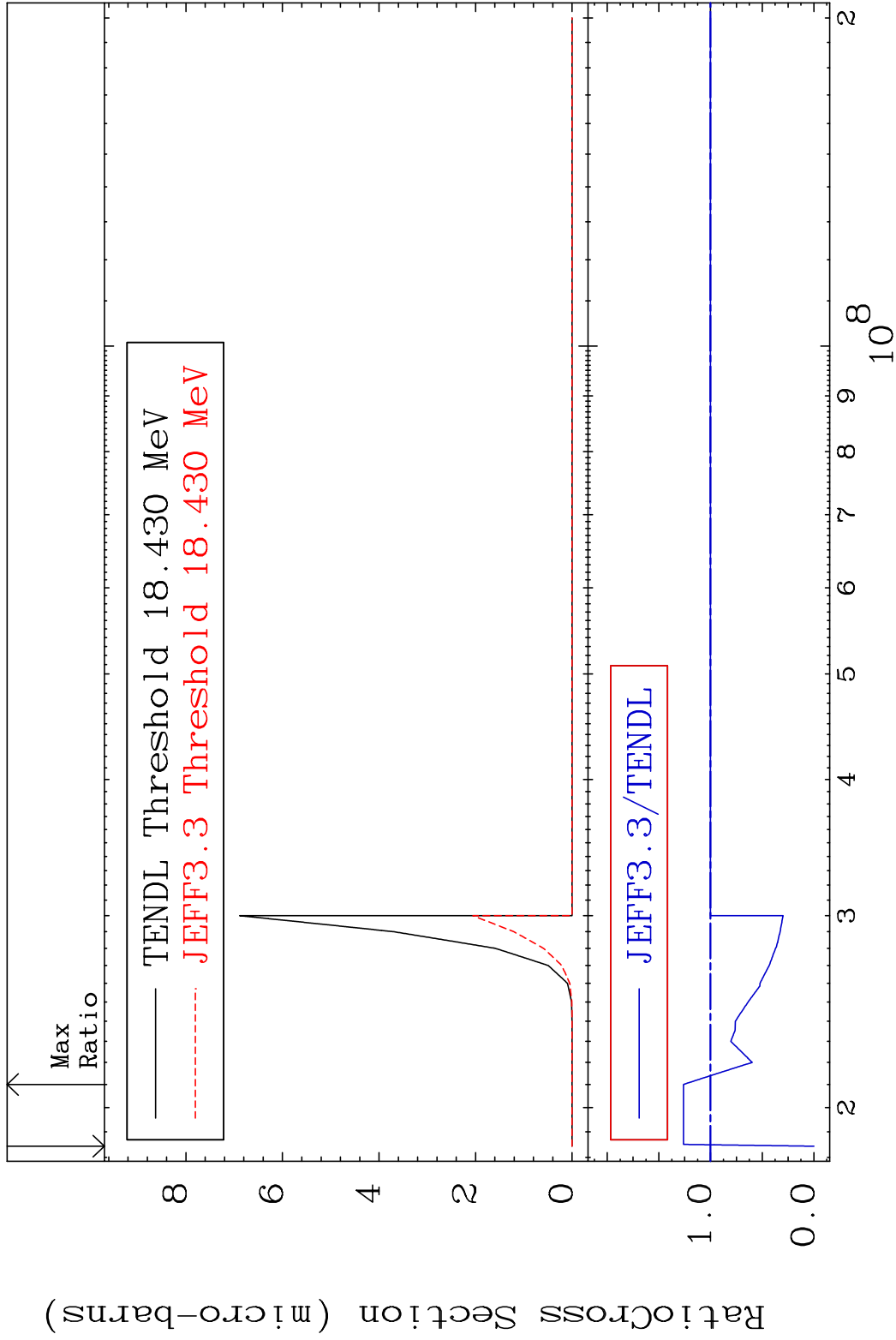
MAT 3431 (n,2p): 32-Ge-75m2 34-Se-76
 Radionuclide Production Cross Section 180000 dpo 88.98 %



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