

Program Complot
(Version 2021-1)

by

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U.S.A.

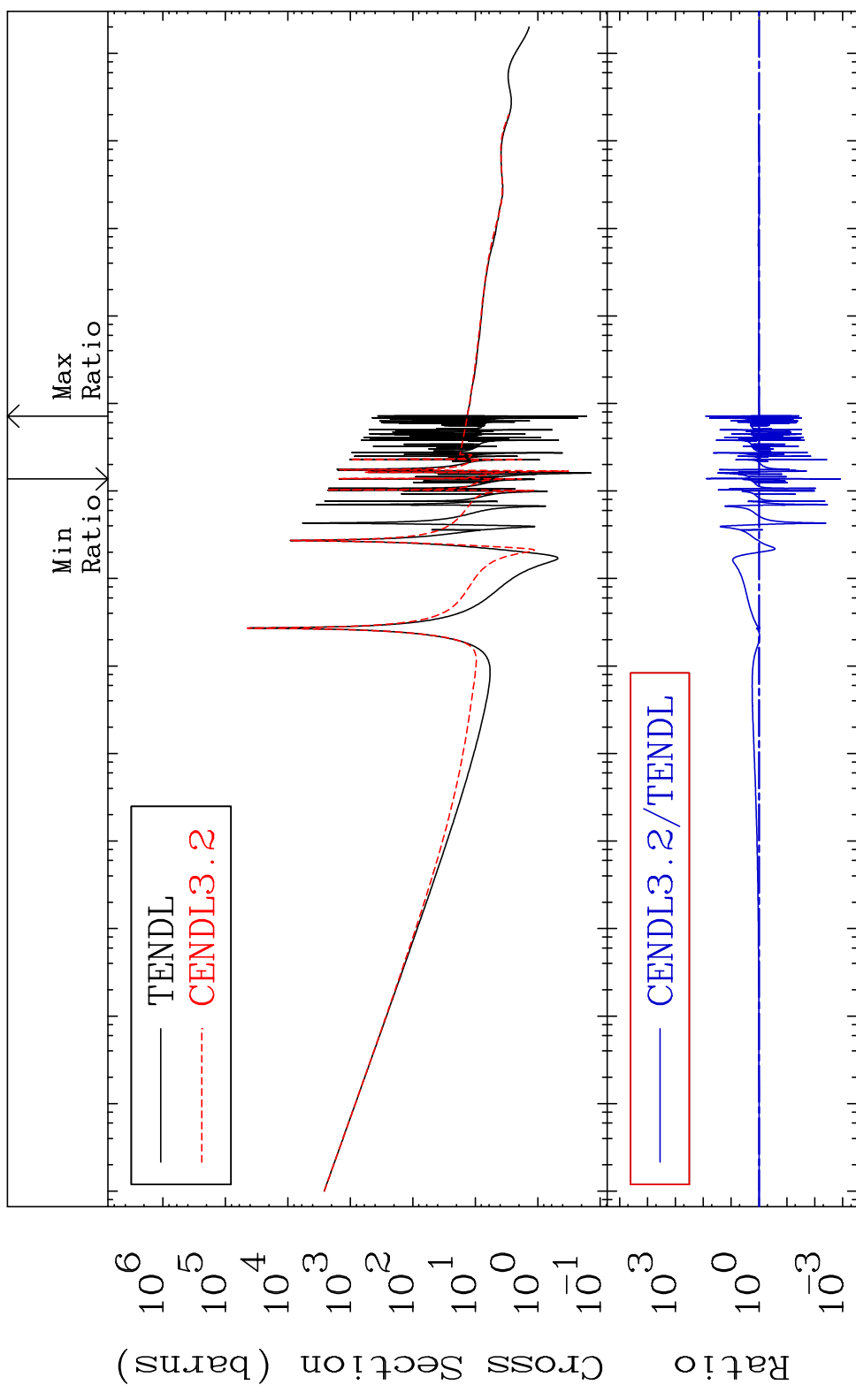
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3425

Total Cross Section -99.88 To 8044. %
34-Se-74

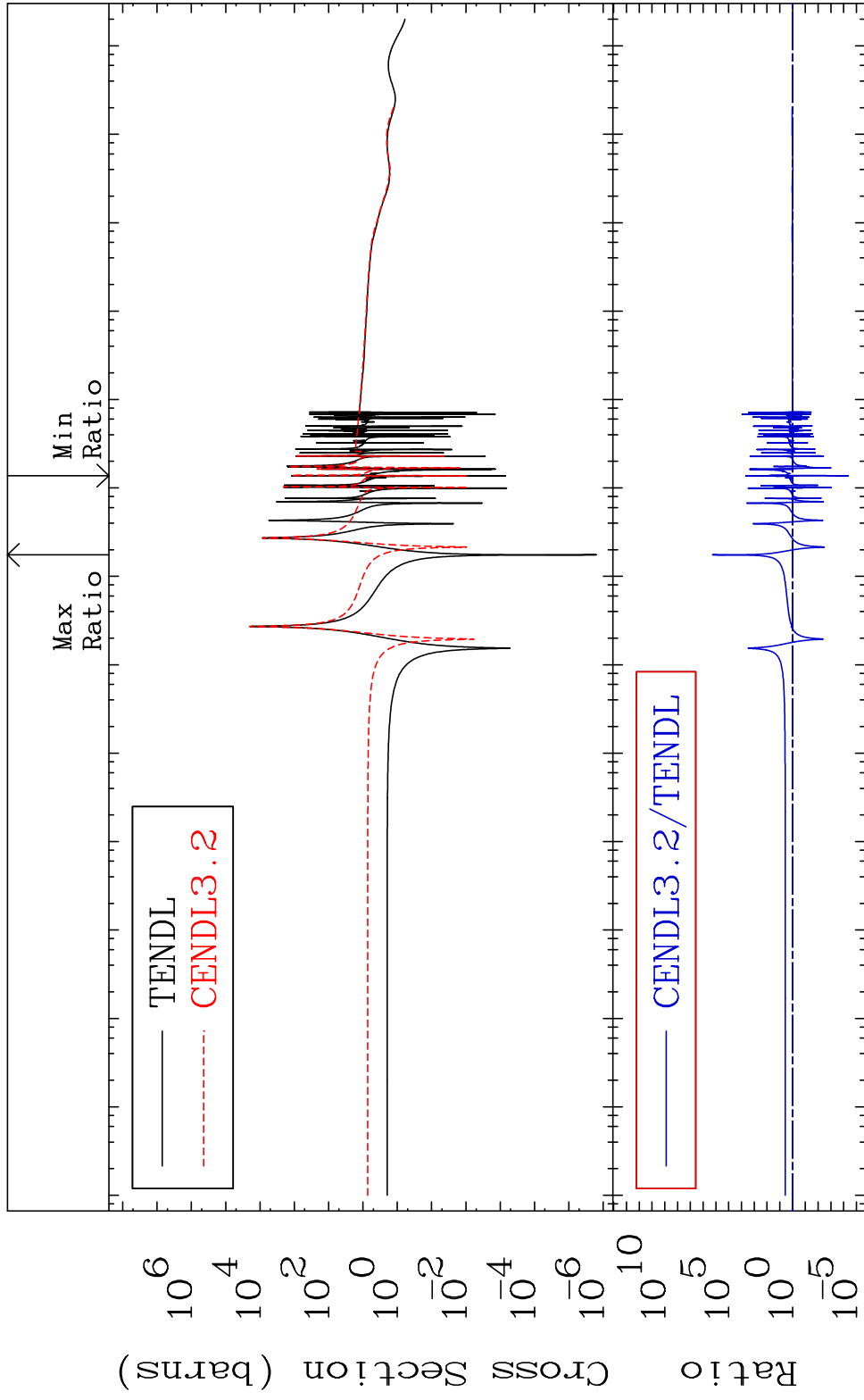


MAT 3425

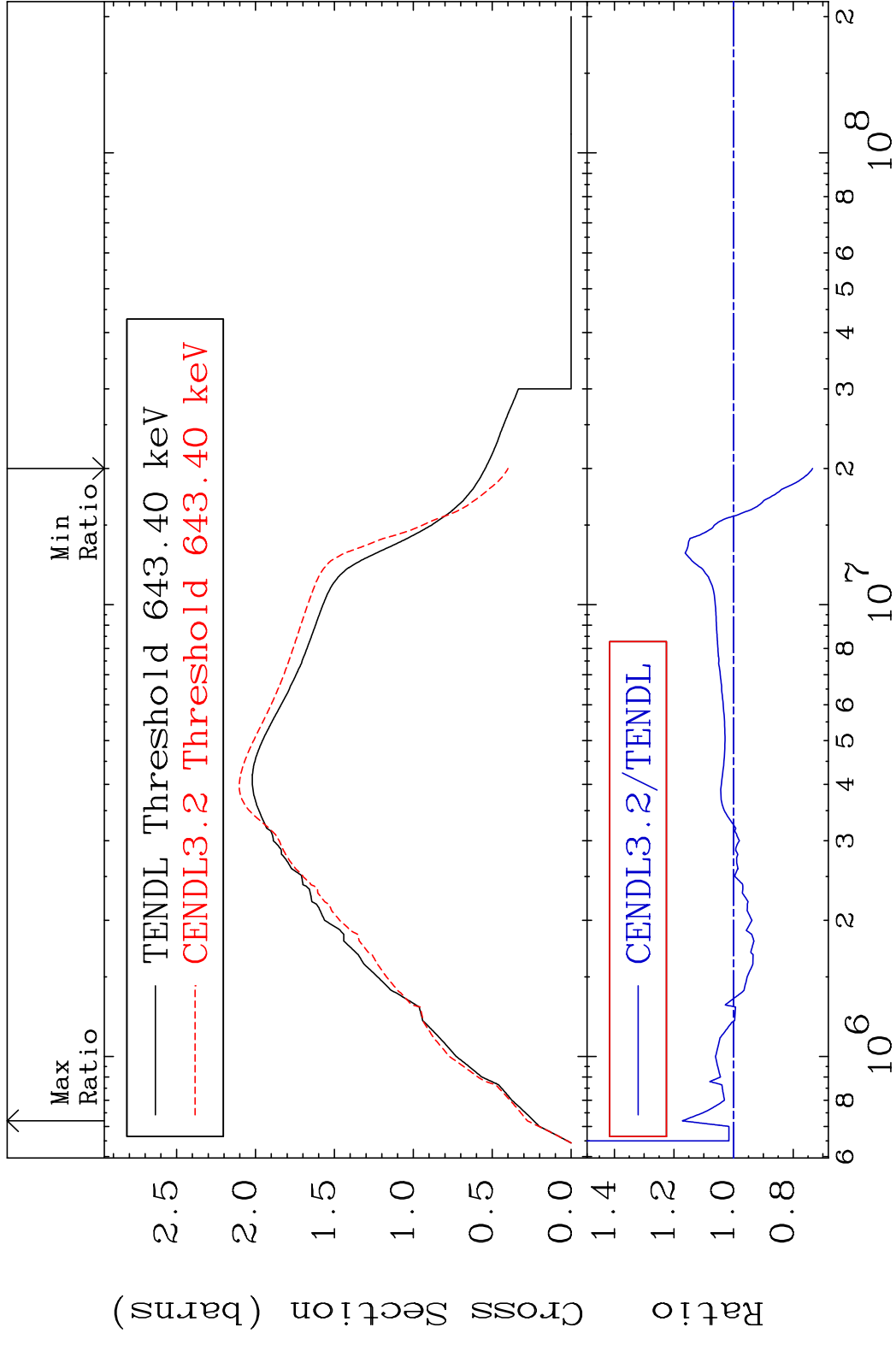
Elastic

34-Se-74

Cross Section -100.0 To 9999. %



MAT 3425 Inelastic 34-Se-74
 Cross Section -26.51 To 17.18 %



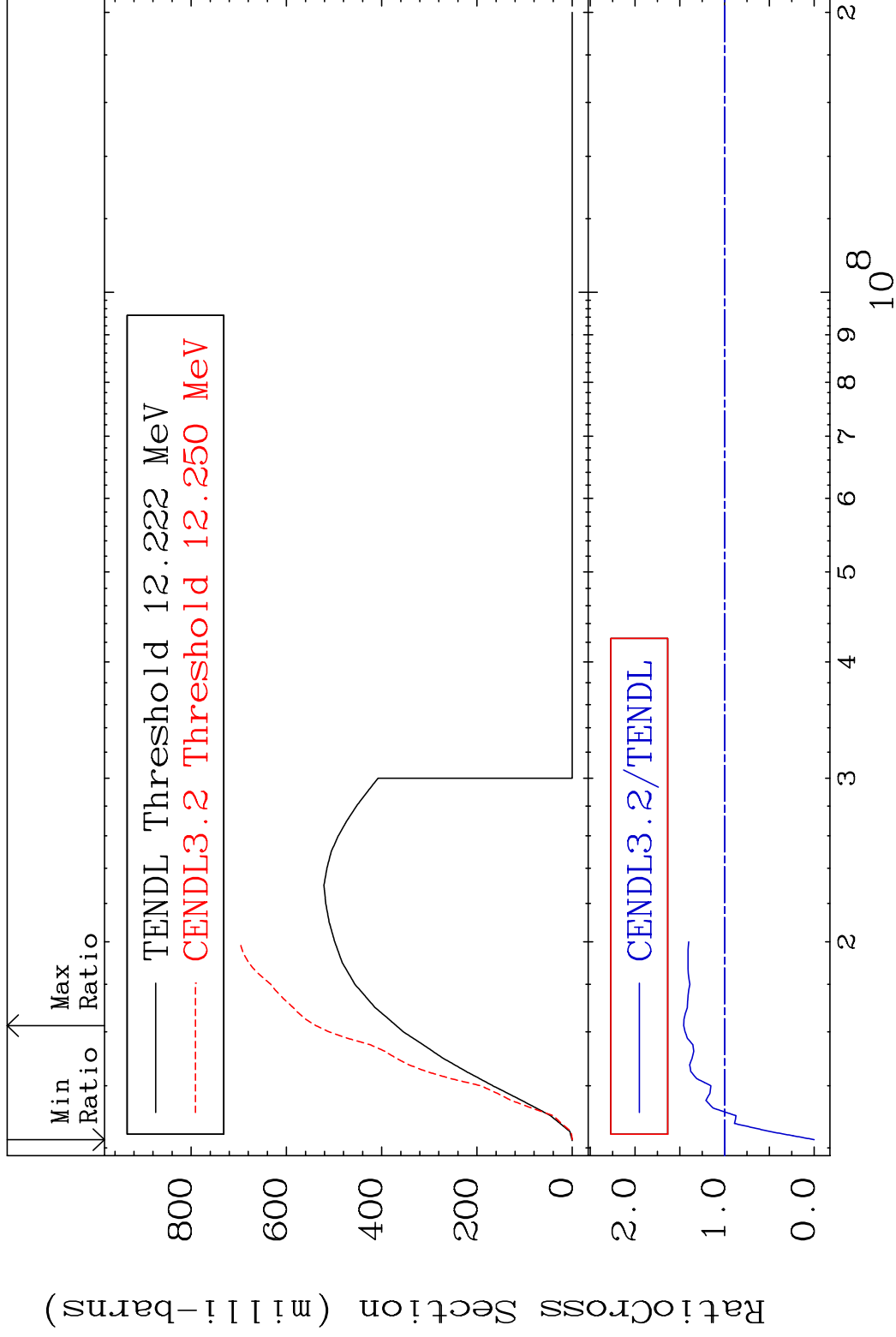
3 34-Se-74

MAT 3425

(n,2n)

³⁴Se-74

Cross Section -100.0 To 45.62 %



4

Incident Energy (eV)

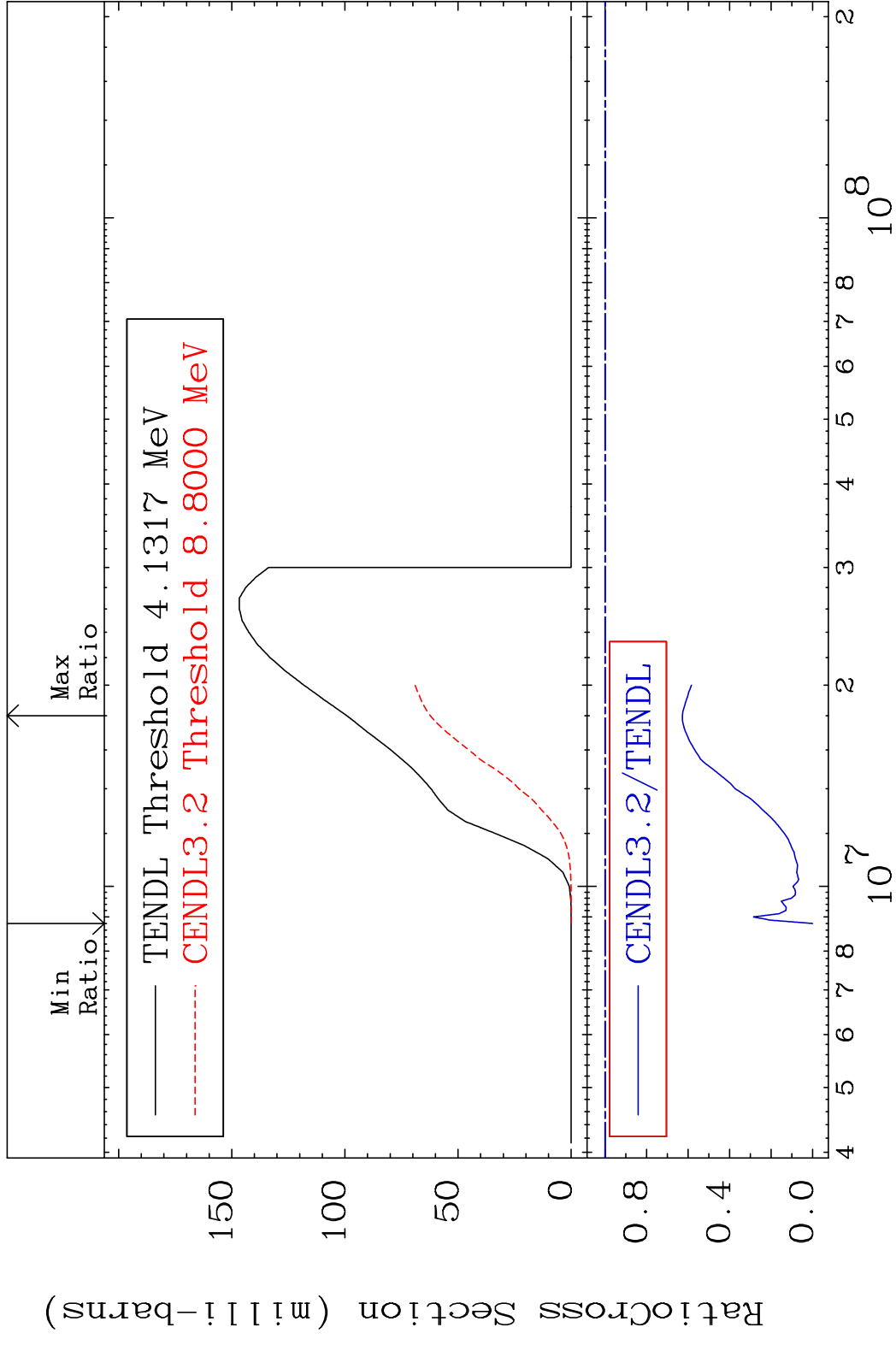
³⁴Se-74

MAT 3425

(n, n') α

34-Se-74

Cross Section -100.0 To -37.24%

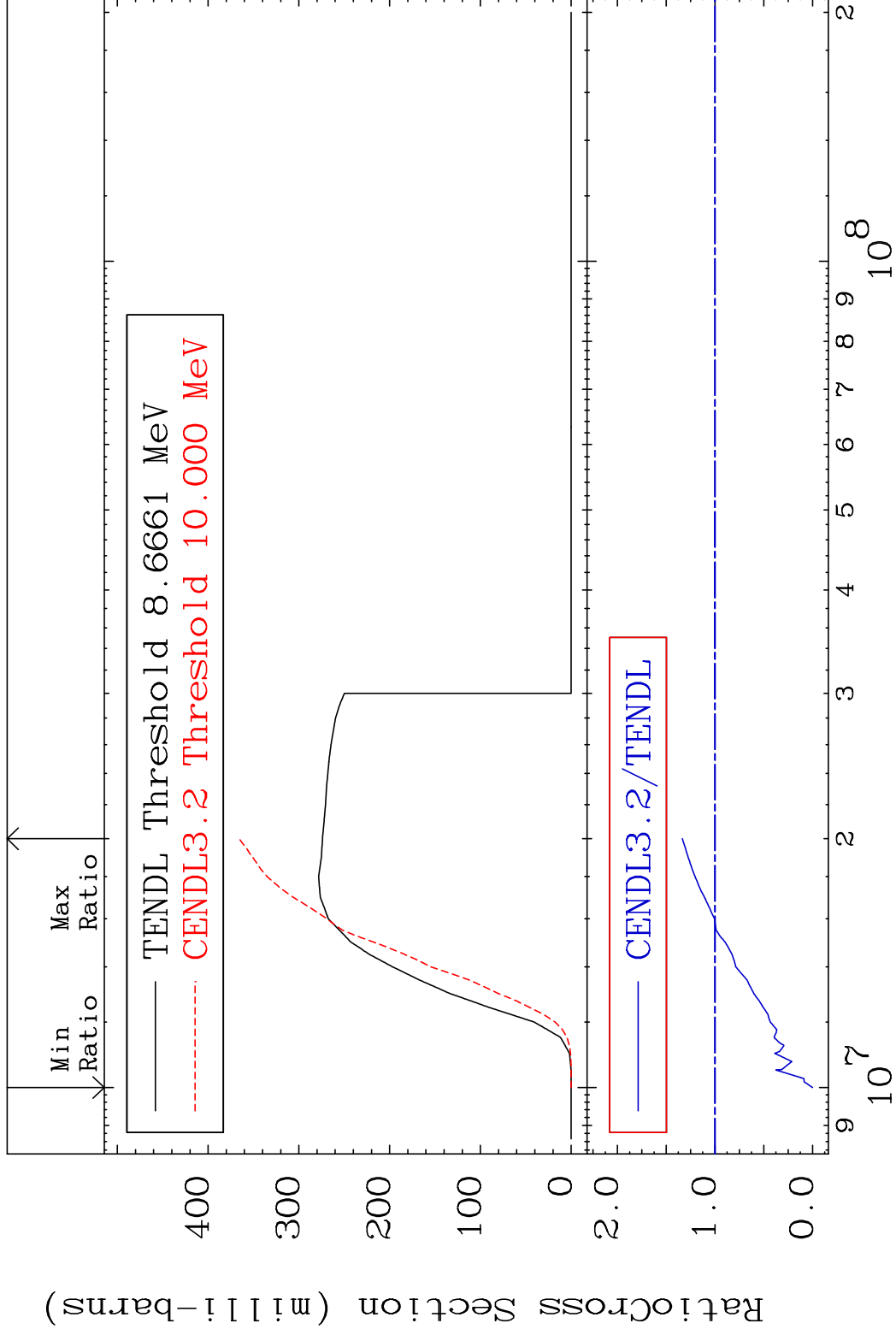


MAT 3425

(n, n') p

³⁴Se-74

Cross Section -100.0 To 33.44 %

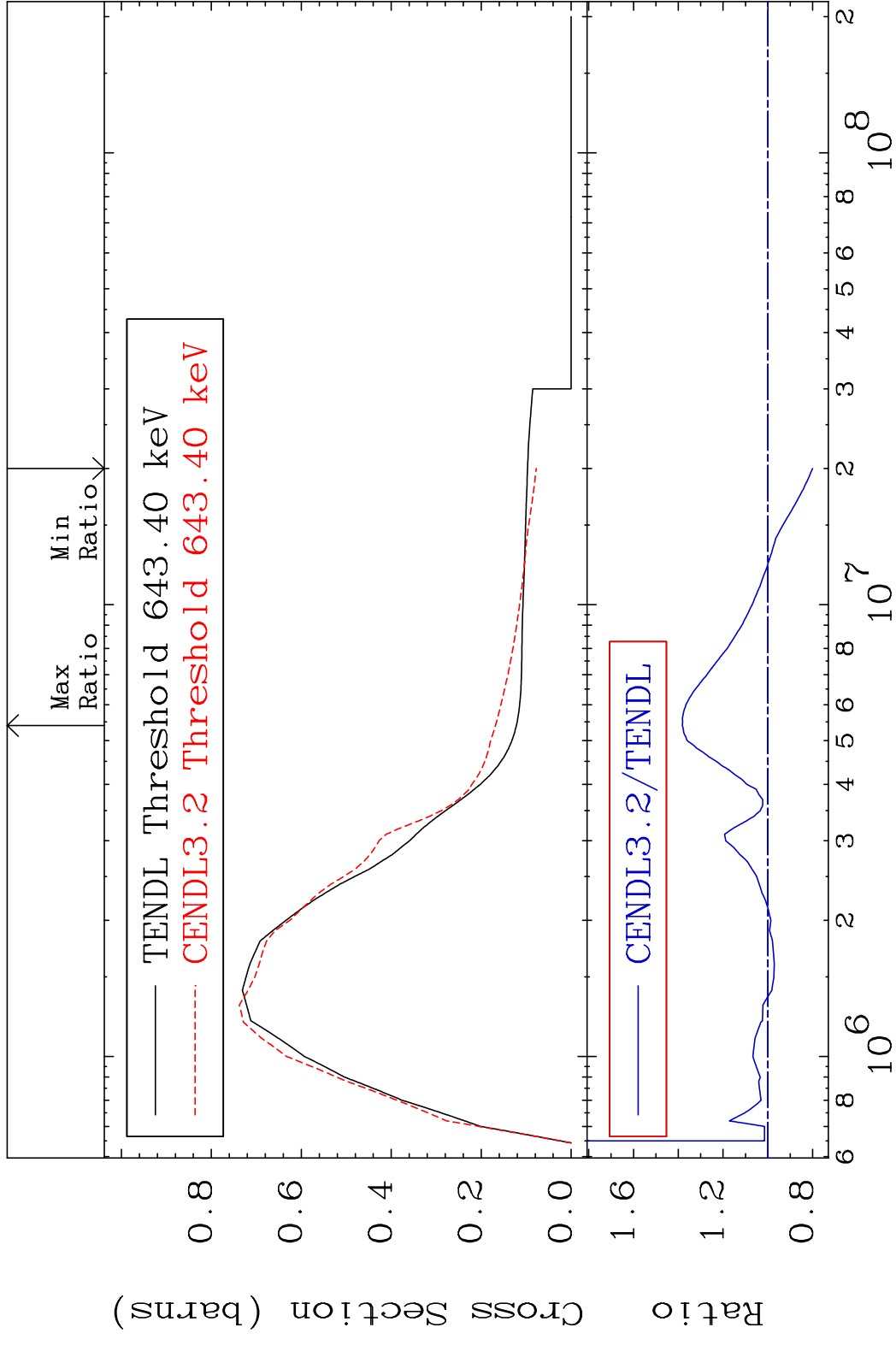


6

Incident Energy (eV)

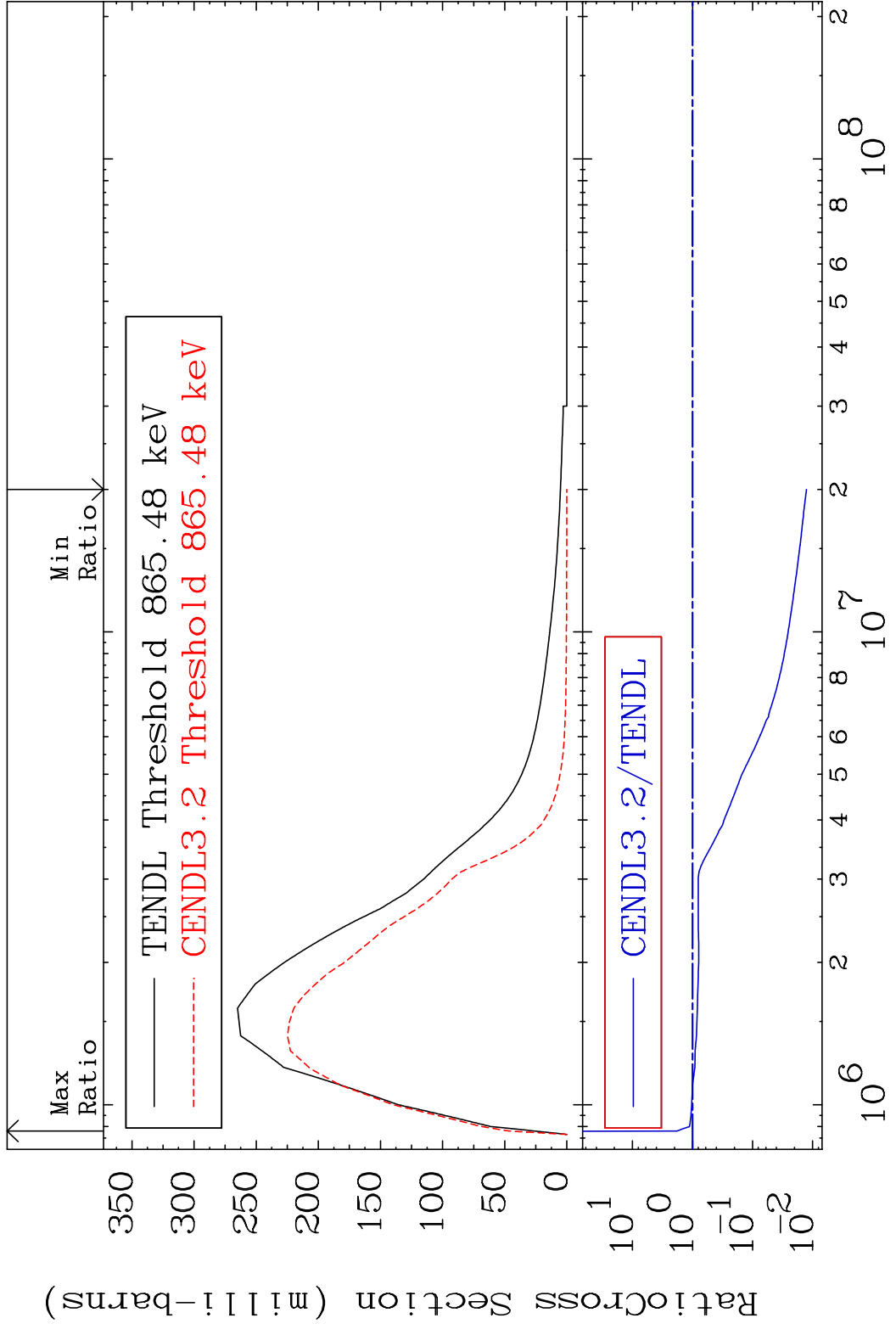
³⁴Se-74

MAT 3425 MT= 51 (n, n') Level 34-Se-74
 Cross Section -19.96 To 38.18 %



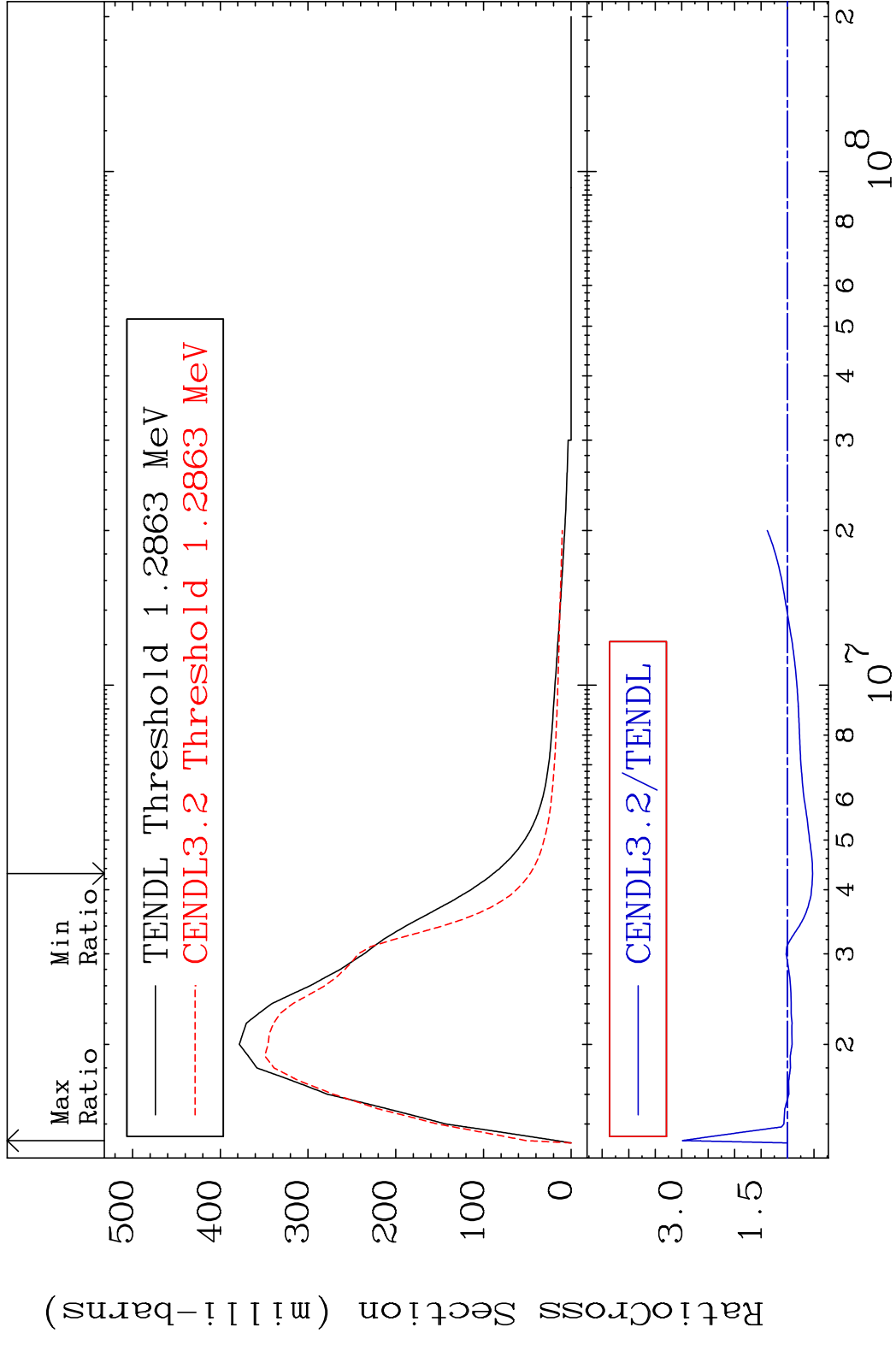
7 Incident Energy (eV) 34-Se-74

MAT 3425 MT= 52 (n, n') Level 34-Se-74
 Cross Section -98.73 To 79.98 %

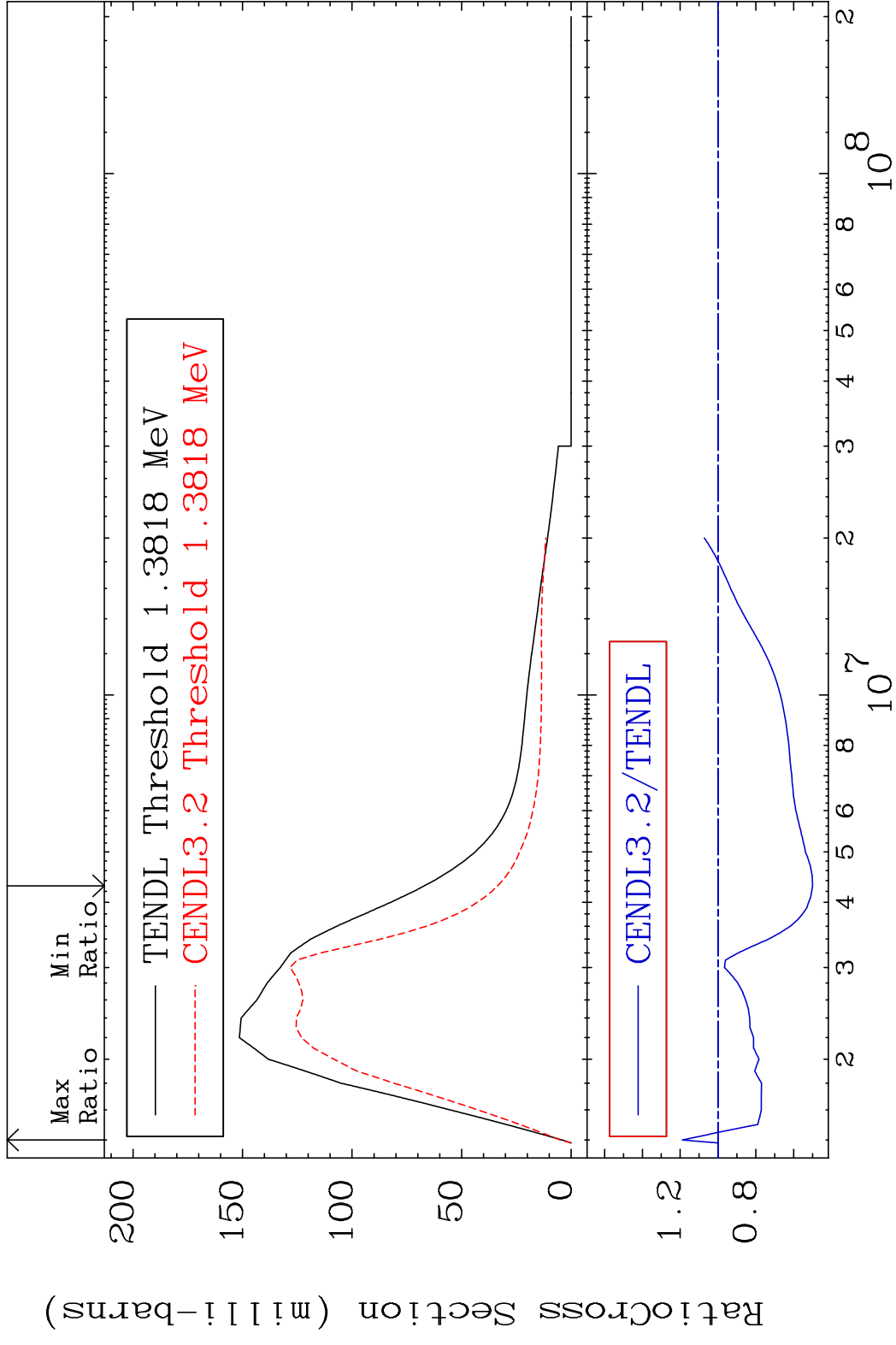


8 Incident Energy (eV) 34-Se-74

MAT 3425 MT= 53 (n, n') Level 34-Se-74
 Cross Section -47.28 To 198.7 %

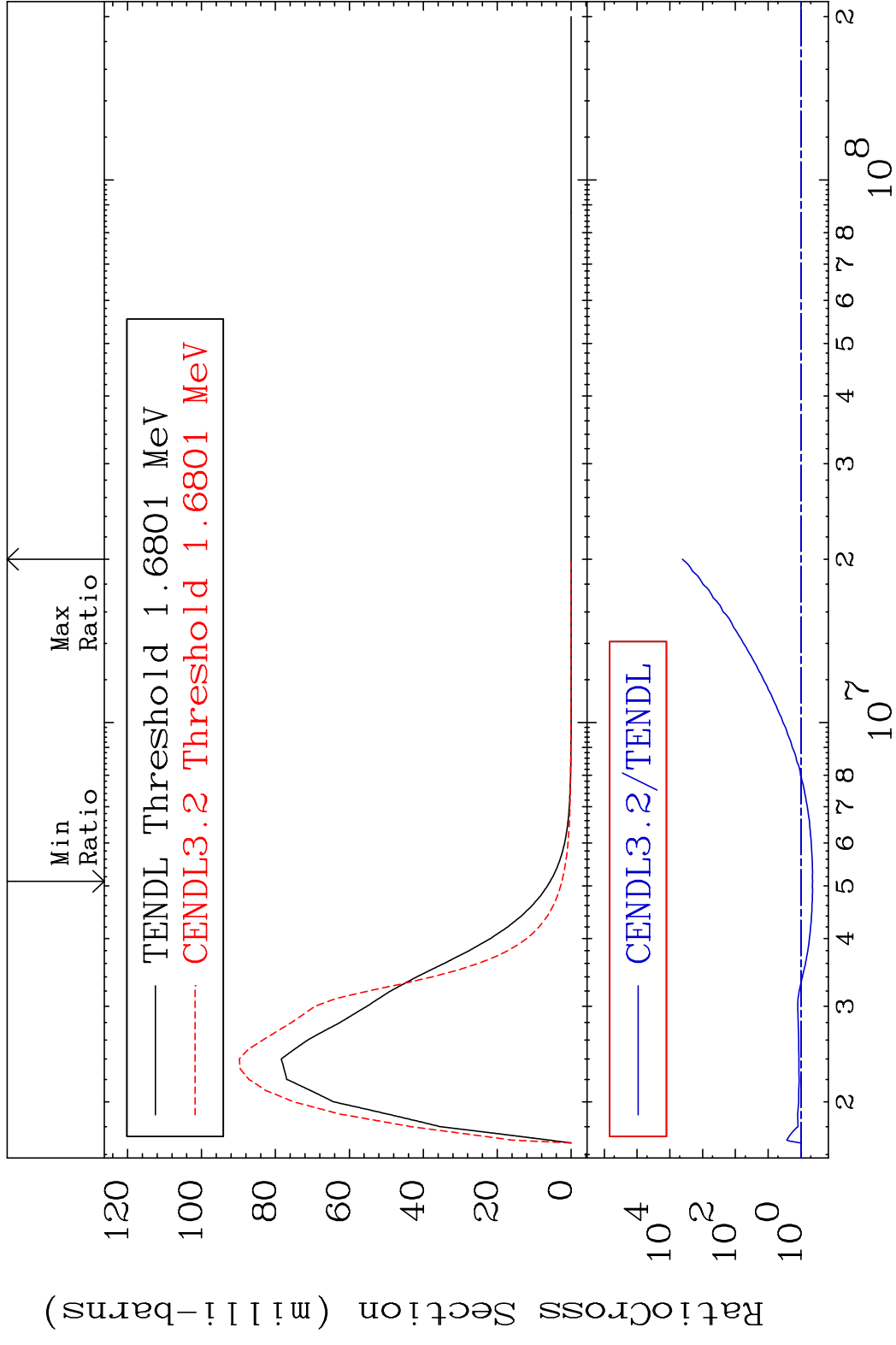


MAT 3425 MT= 54 (n,n') Level 34-Se-74
 Cross Section -49.98 To 18.86 %

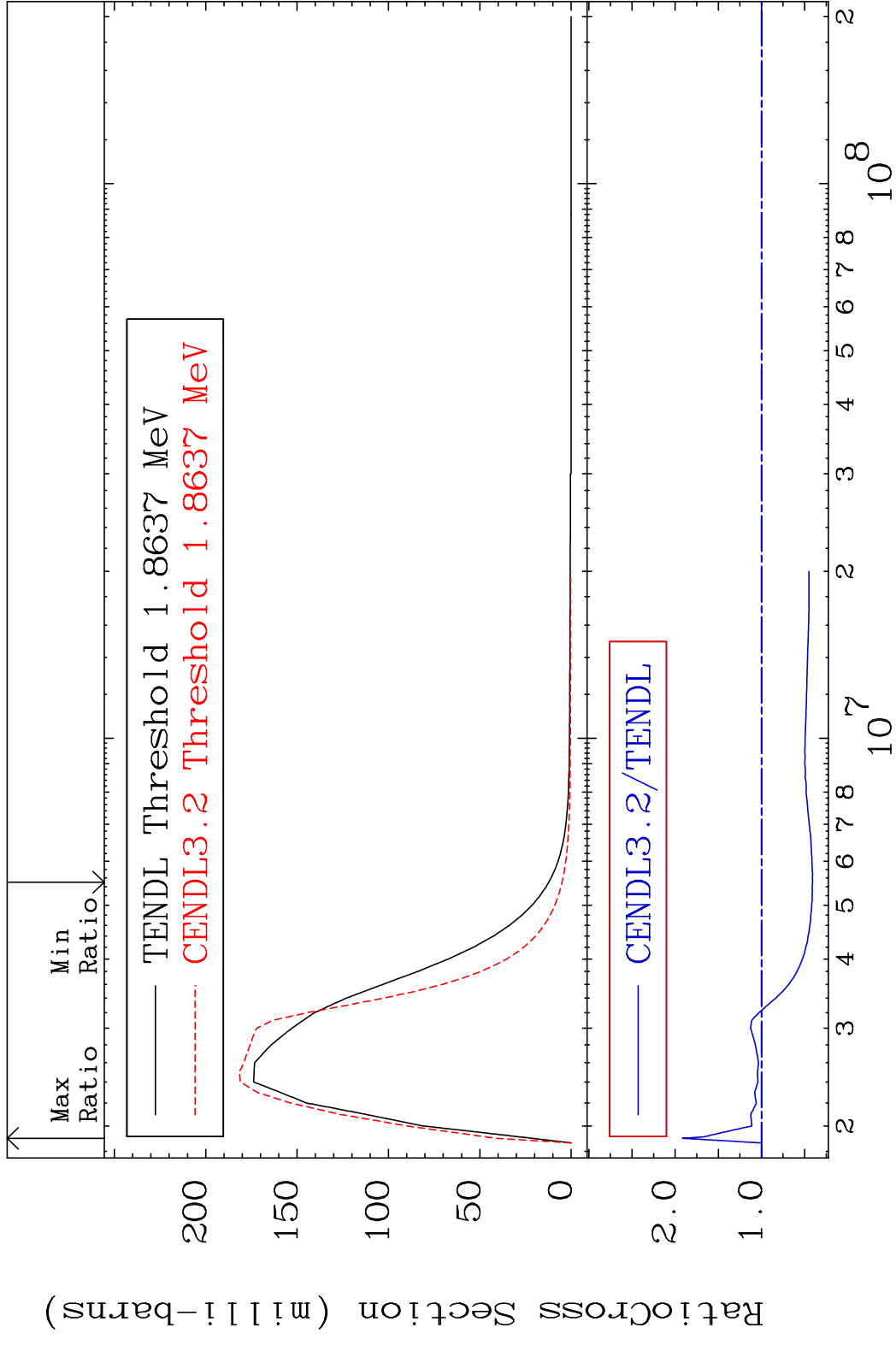


10 Incident Energy (eV) 34-Se-74

MAT 3425 MT= 55 (n, n') Level 34-Se-74
 Cross Section -55.79 To 9999. %

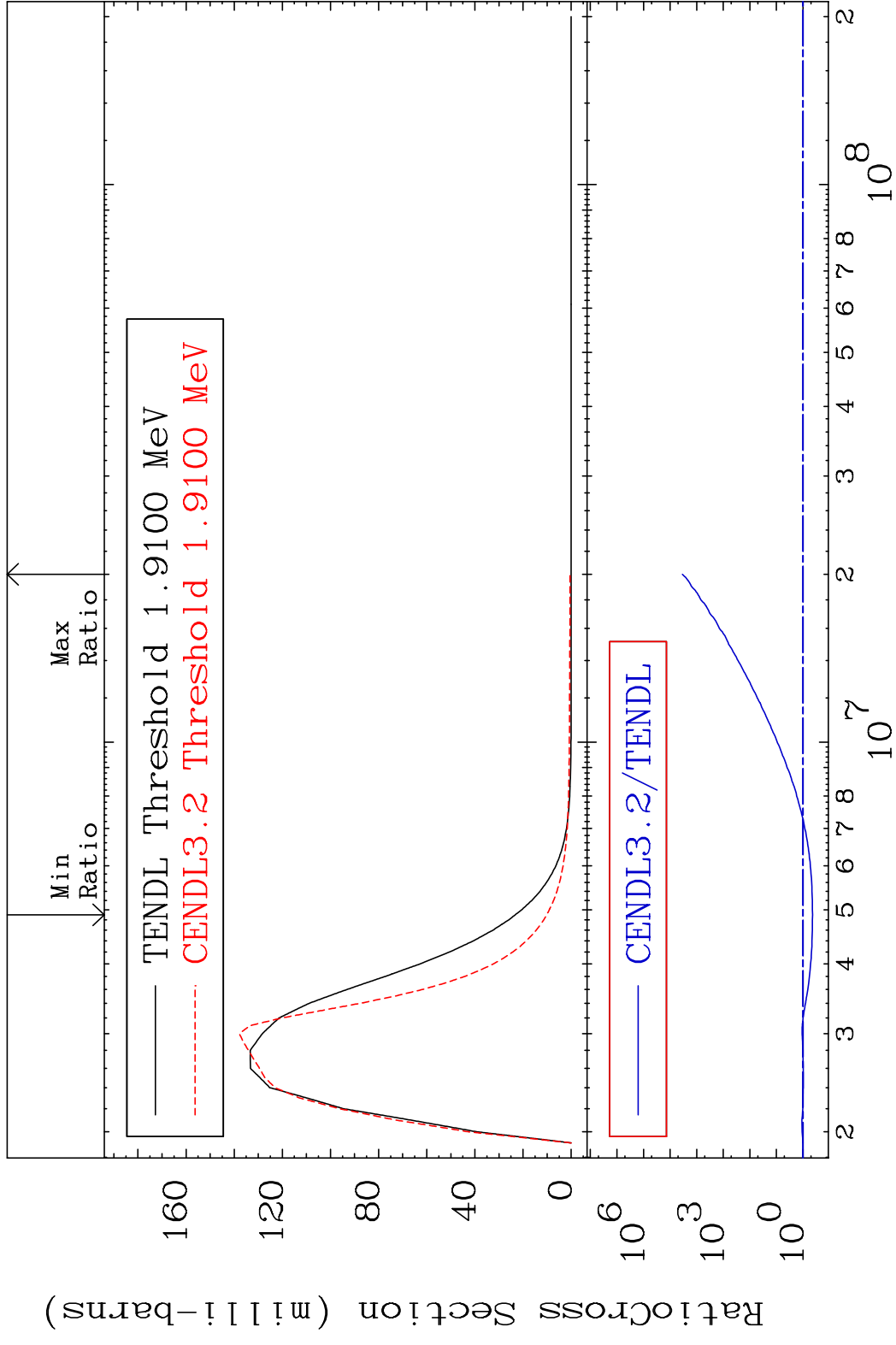


MAT 3425 MT= 56 (n, n') Level 34-Se-74
 Cross Section -59.16 To 91.66 %

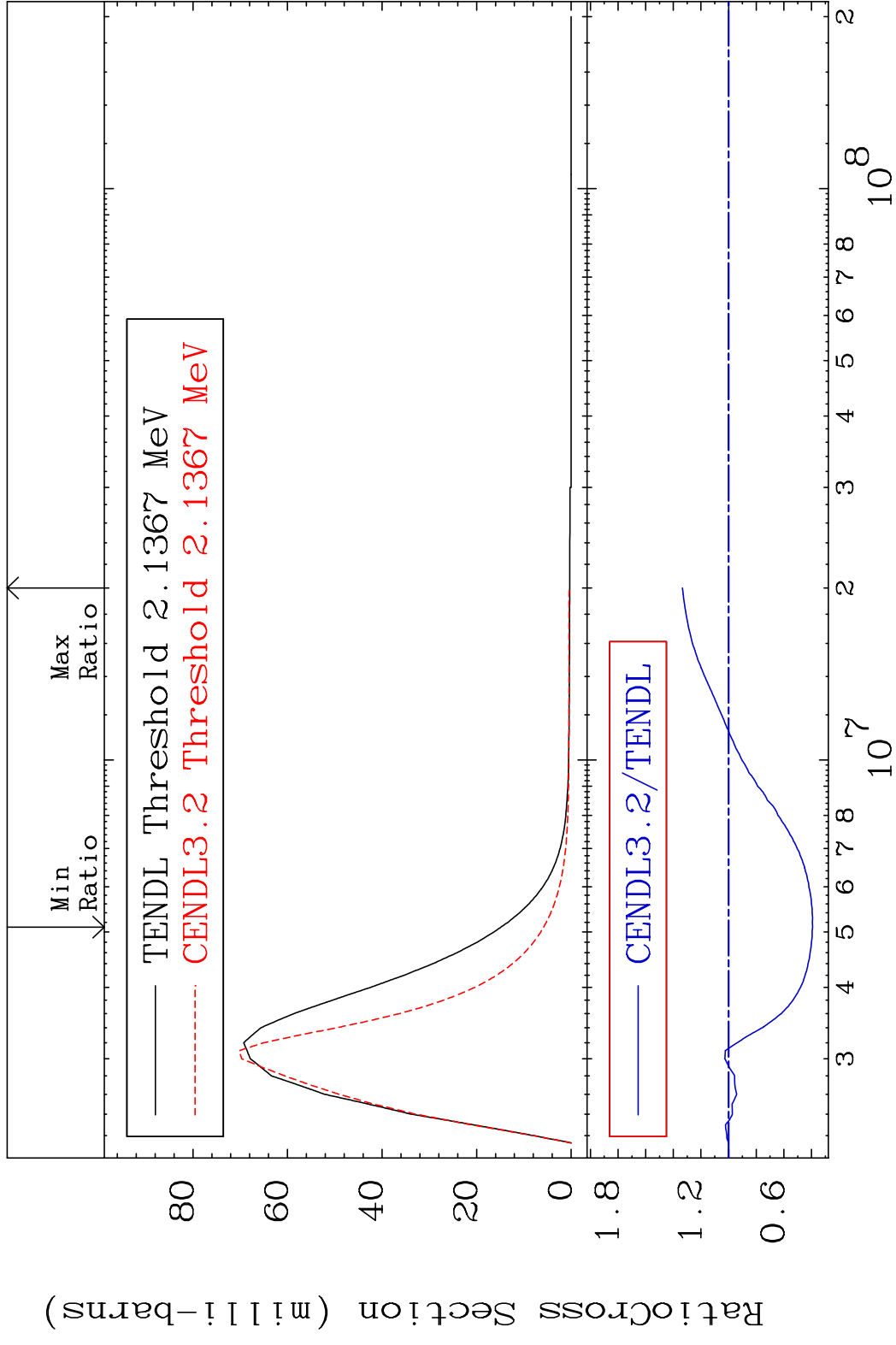


12 Incident Energy (eV) 34-Se-74

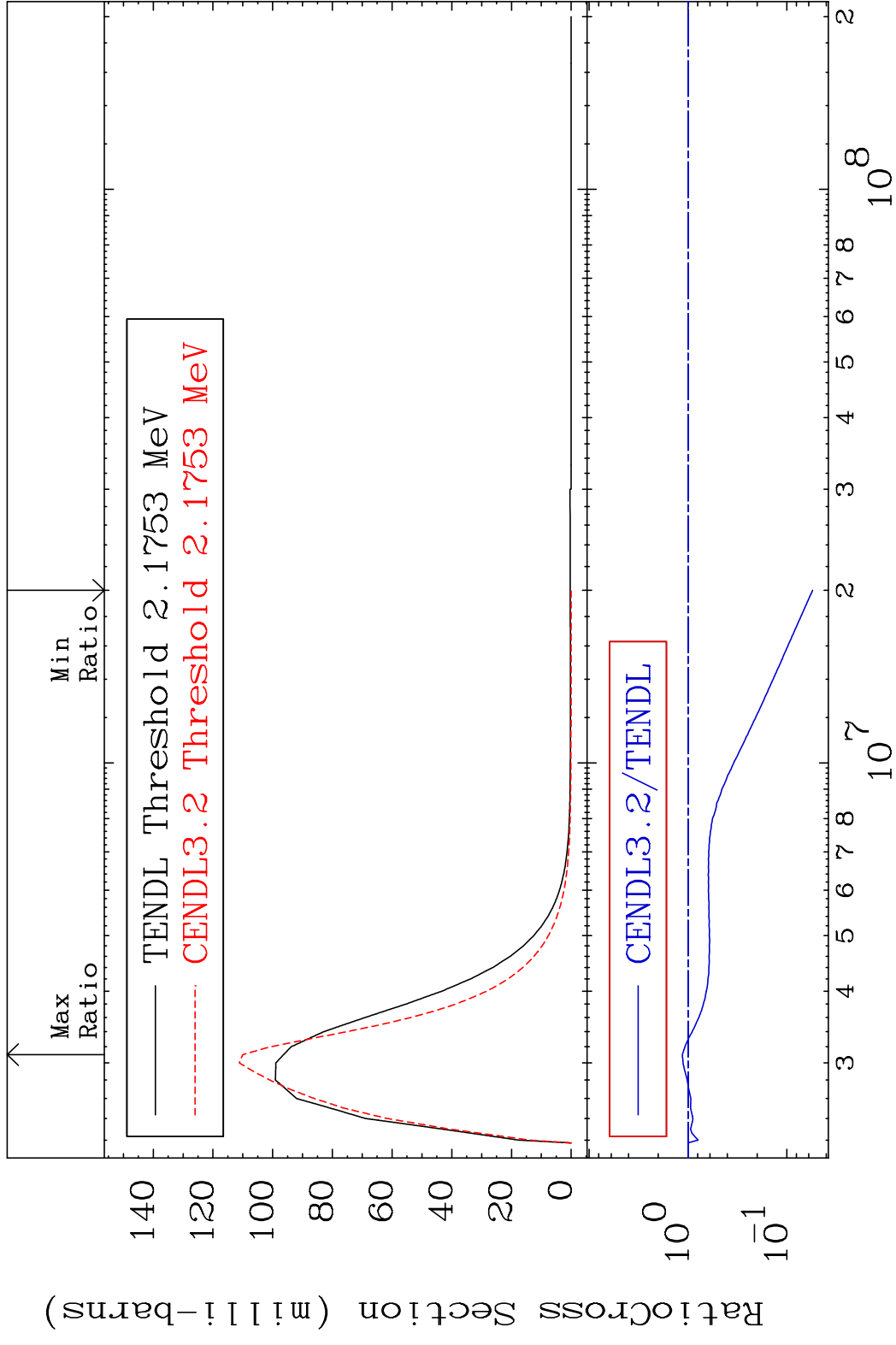
MAT 3425 MT= 57 (n, n') Level 34-Se-74
 Cross Section -56.26 To 9999. %



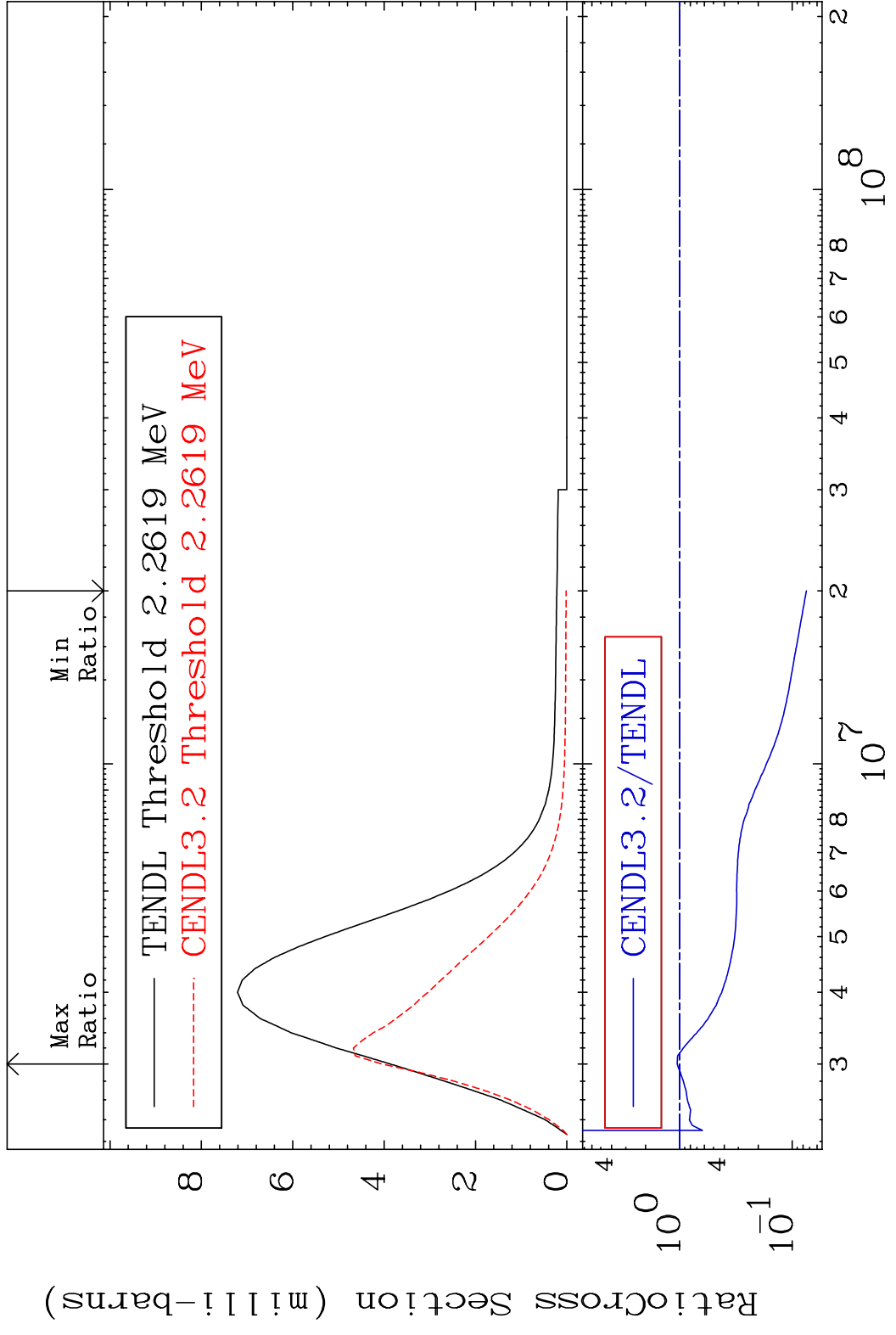
MAT 3425 MT= 58 (n, n') Level 34-Se-74
 Cross Section -60.77 To 33.47 %



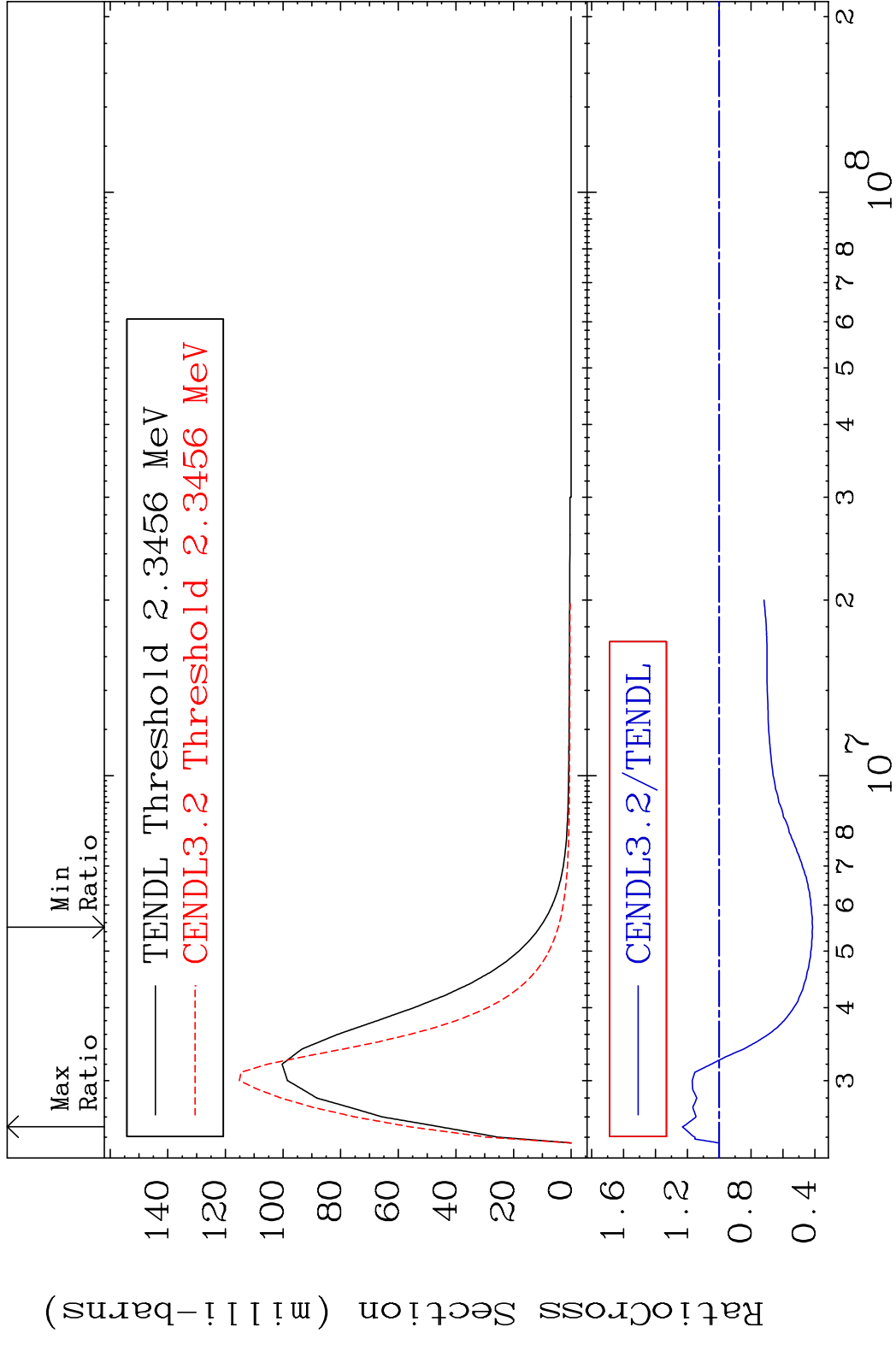
MAT 3425 MT= 59 (n, n') Level 34-Se-74
 Cross Section -94.50 To 14.18 %



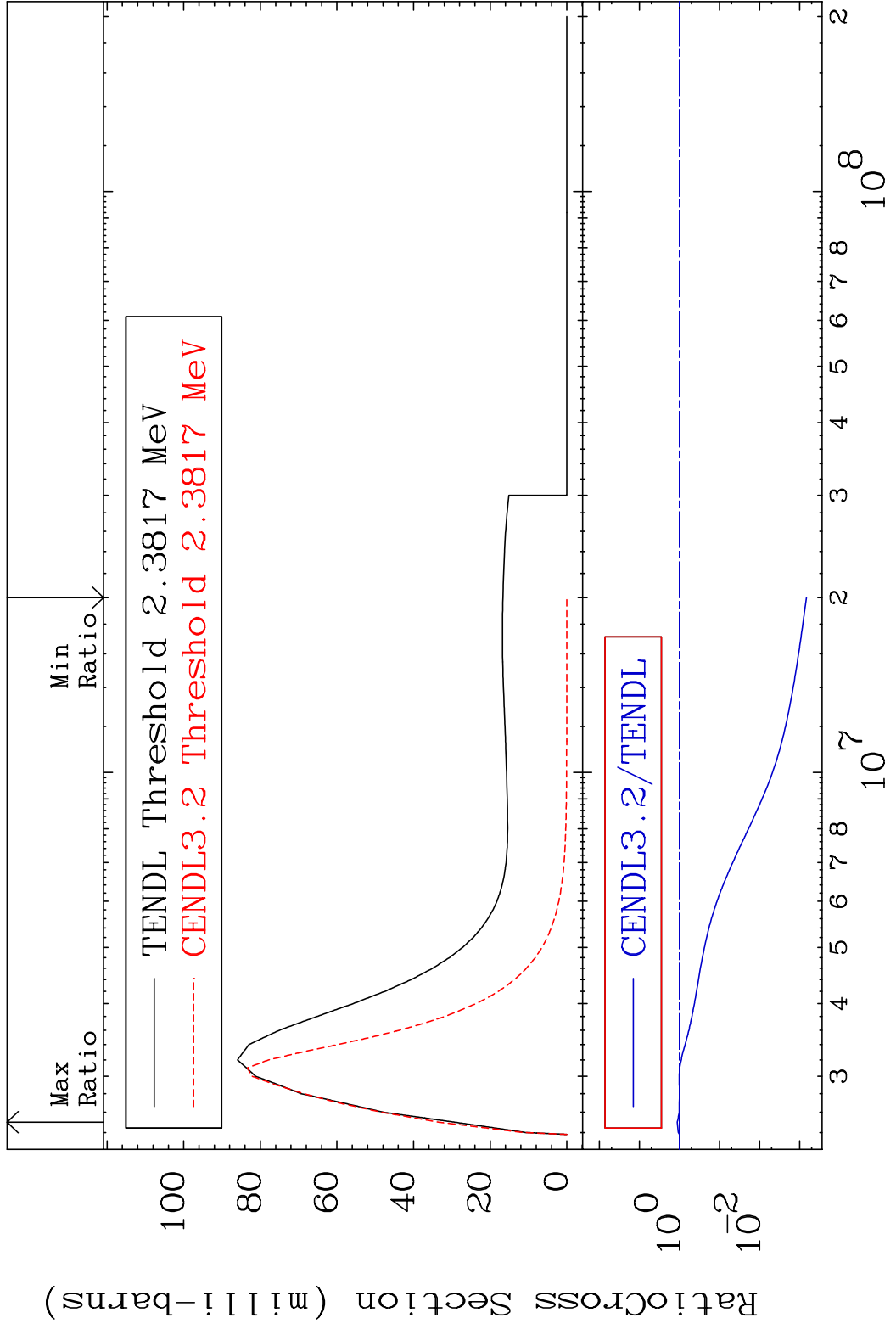
MAT 3425 MT= 60 (n, n') Level 34-Se-74
 Cross Section -92.53 To 4.852 %



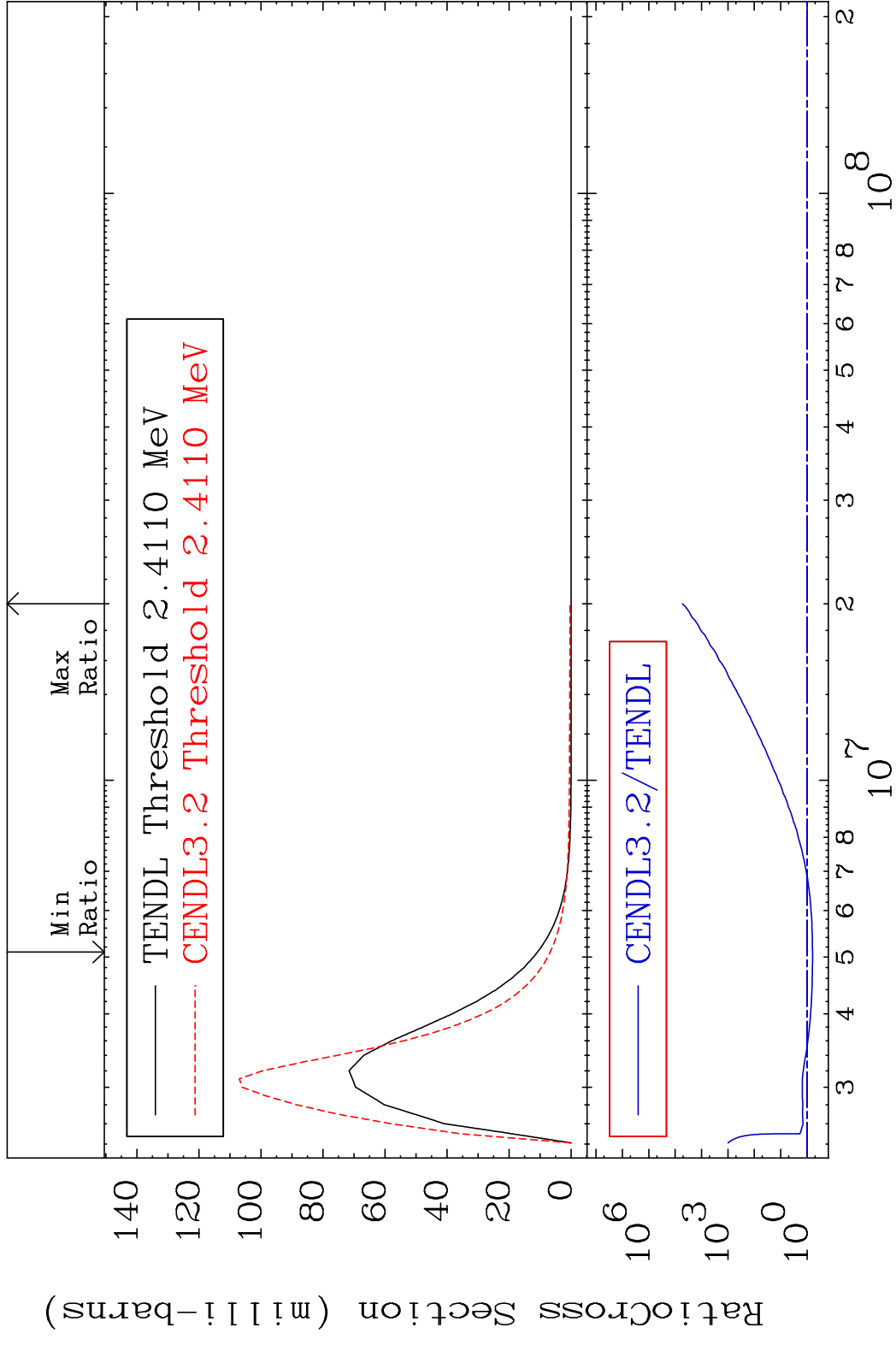
MAT 3425 MT= 61 (n,n') Level 34-Se-74
 Cross Section -58.54 To 23.12 %



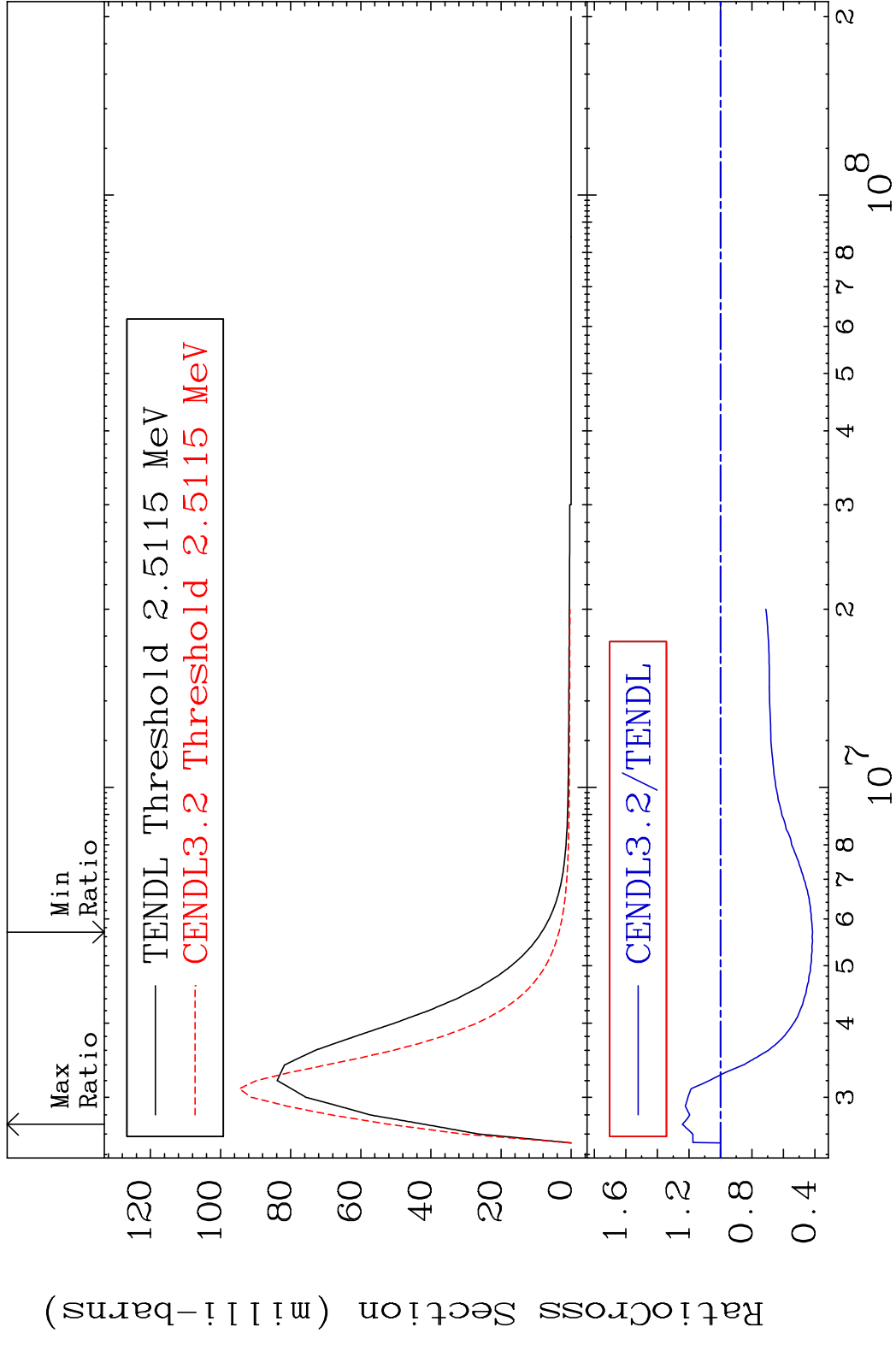
MAT 3425 MT= 62 (n,n') Level 34-Se-74
 Cross Section -99.93 To 14.16 %



MAT 3425 MT= 63 (n, n') Level 34-Se-74
 Cross Section -37.95 To 9999. %



MAT 3425 MT= 64 (n,n') Level 34-Se-74
 Cross Section -58.54 To 24.16 %



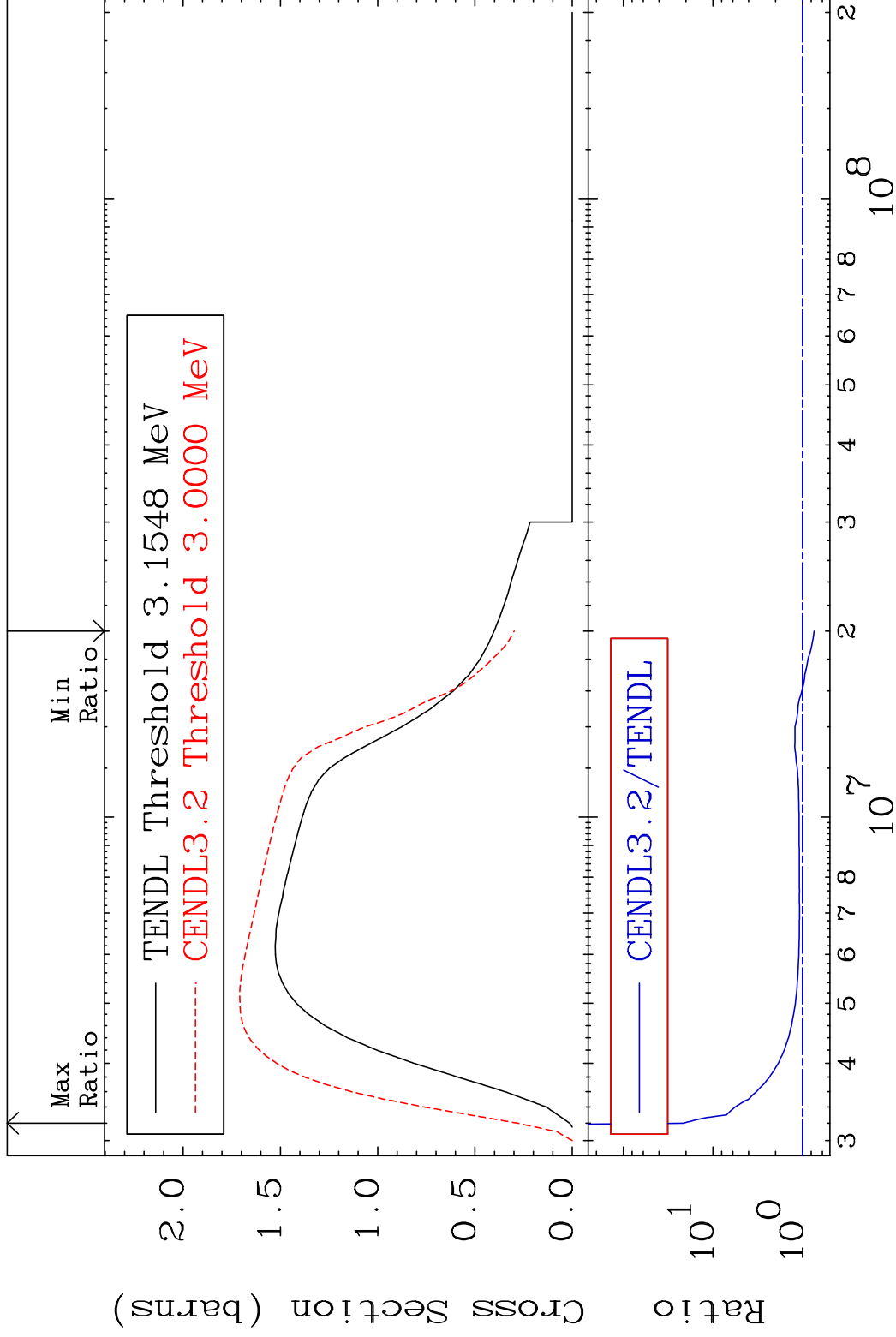
20 Incident Energy (eV) 34-Se-74

MAT 3425

(n, n') Continuum

34-Se-74

Cross Section -25.63 To 2023. %



21

Incident Energy (eV)

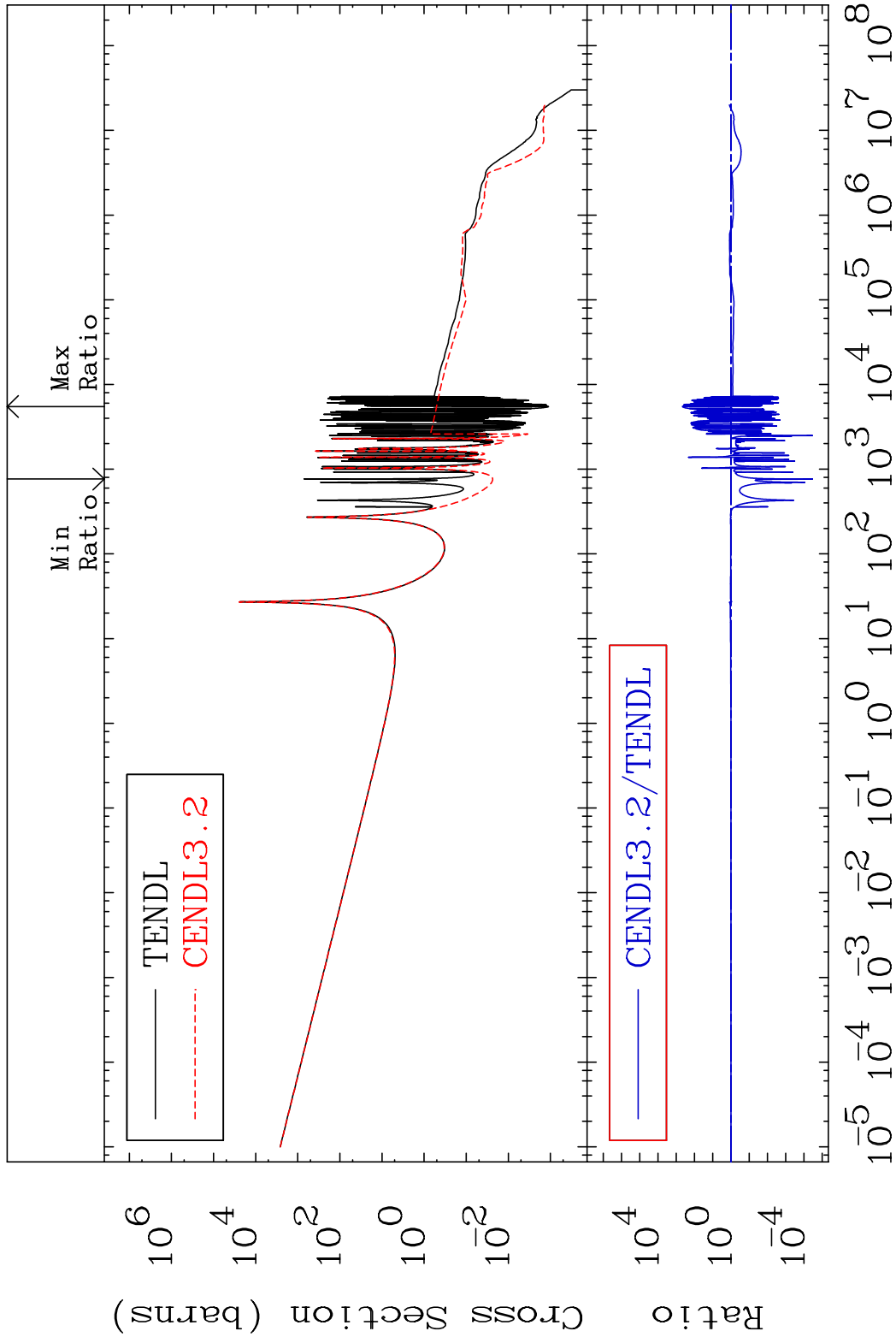
34-Se-74

MAT 3425

(n, γ)

34-Se-74

Cross Section -100.0 To 9999. %

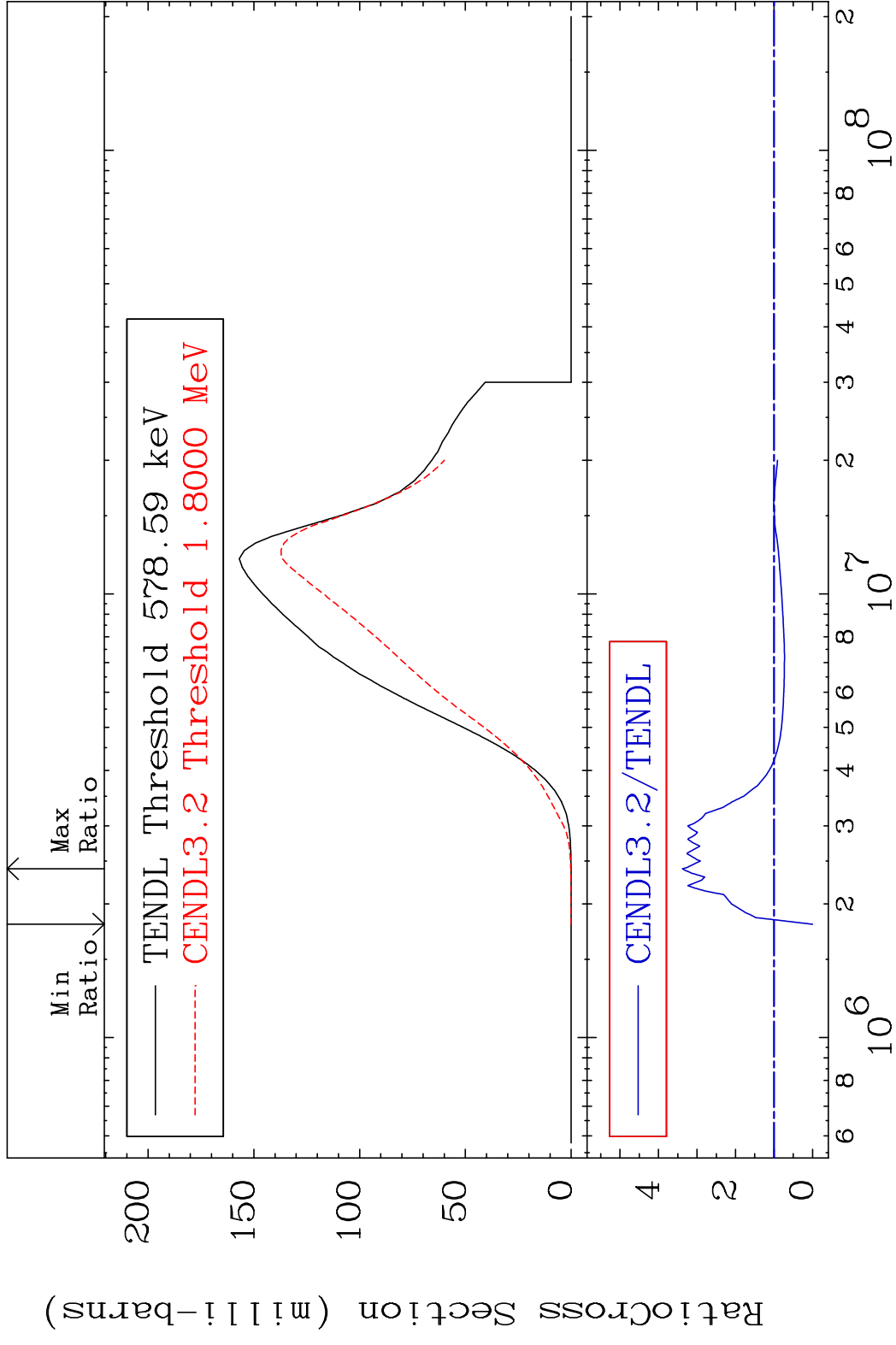


22

Incident Energy (eV)

34-Se-74

MAT 3425 (n,p) 34-Se-74
 Cross Section -100.0 To 238.0 %

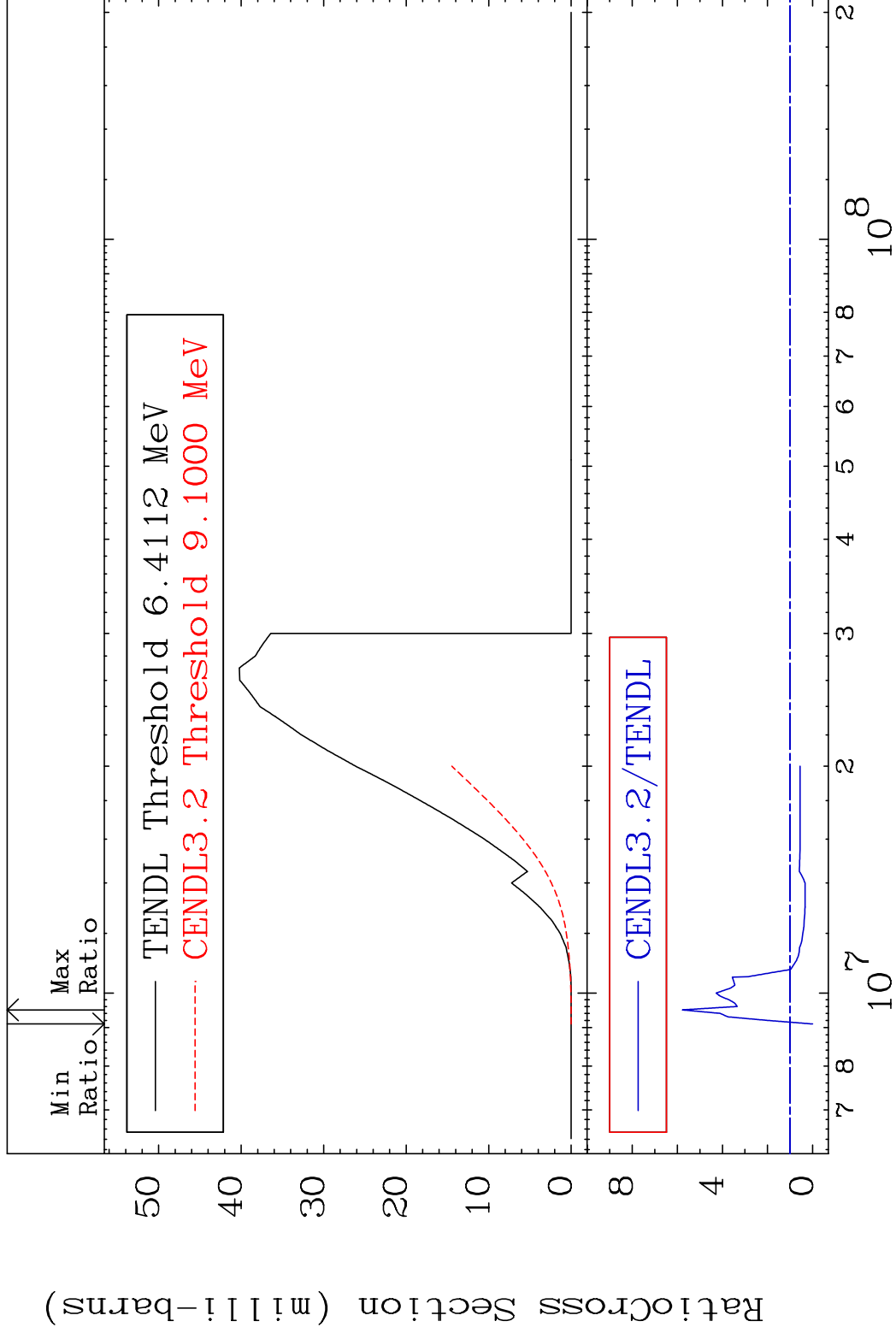


MAT 3425

(n,d)

³⁴Se-74

Cross Section -100.0 To 477.8 %



24

Incident Energy (eV)

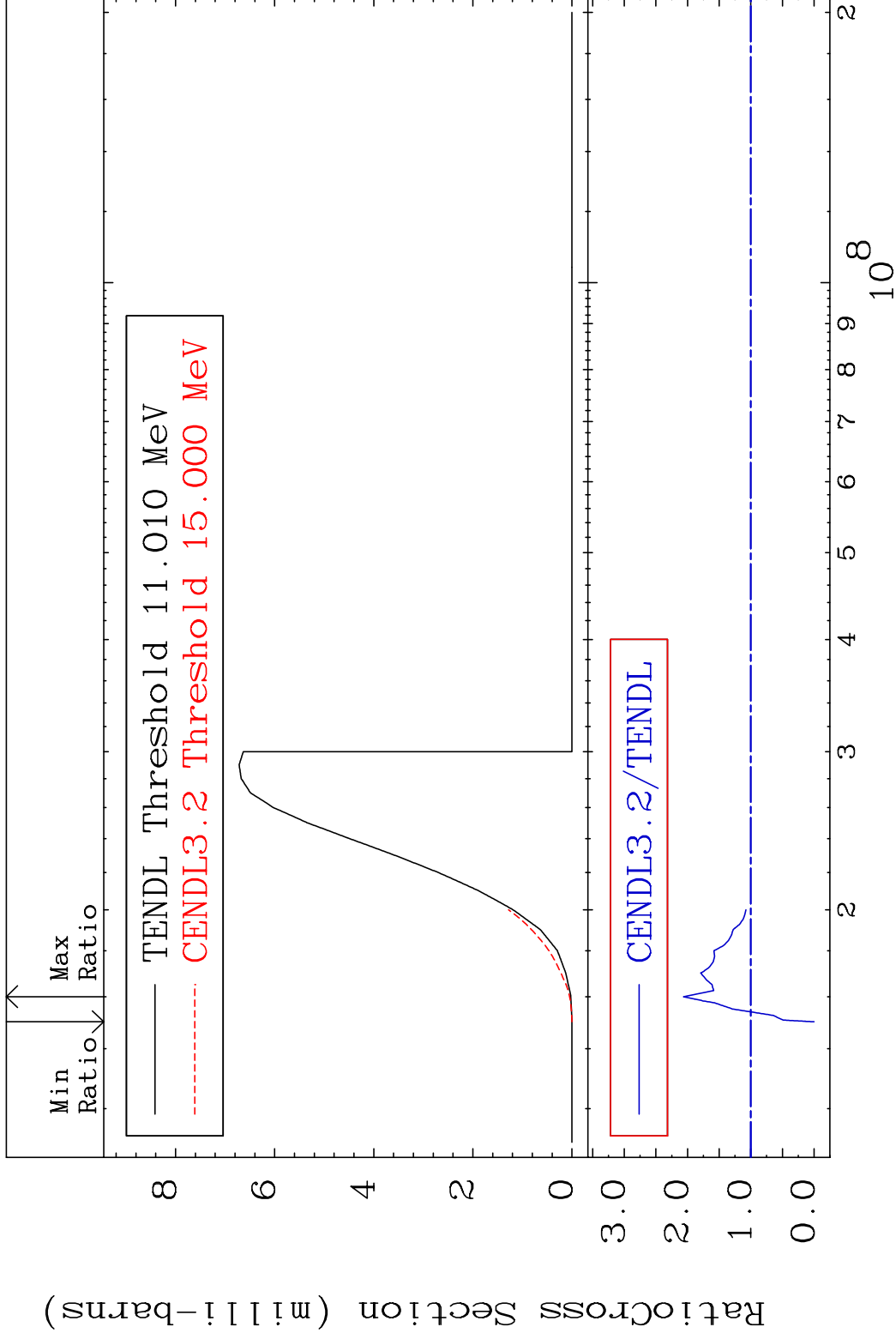
³⁴Se-74

MAT 3425

(n, t)

34-Se-74

Cross Section -100.0 To 106.4 %



25

Incident Energy (eV)

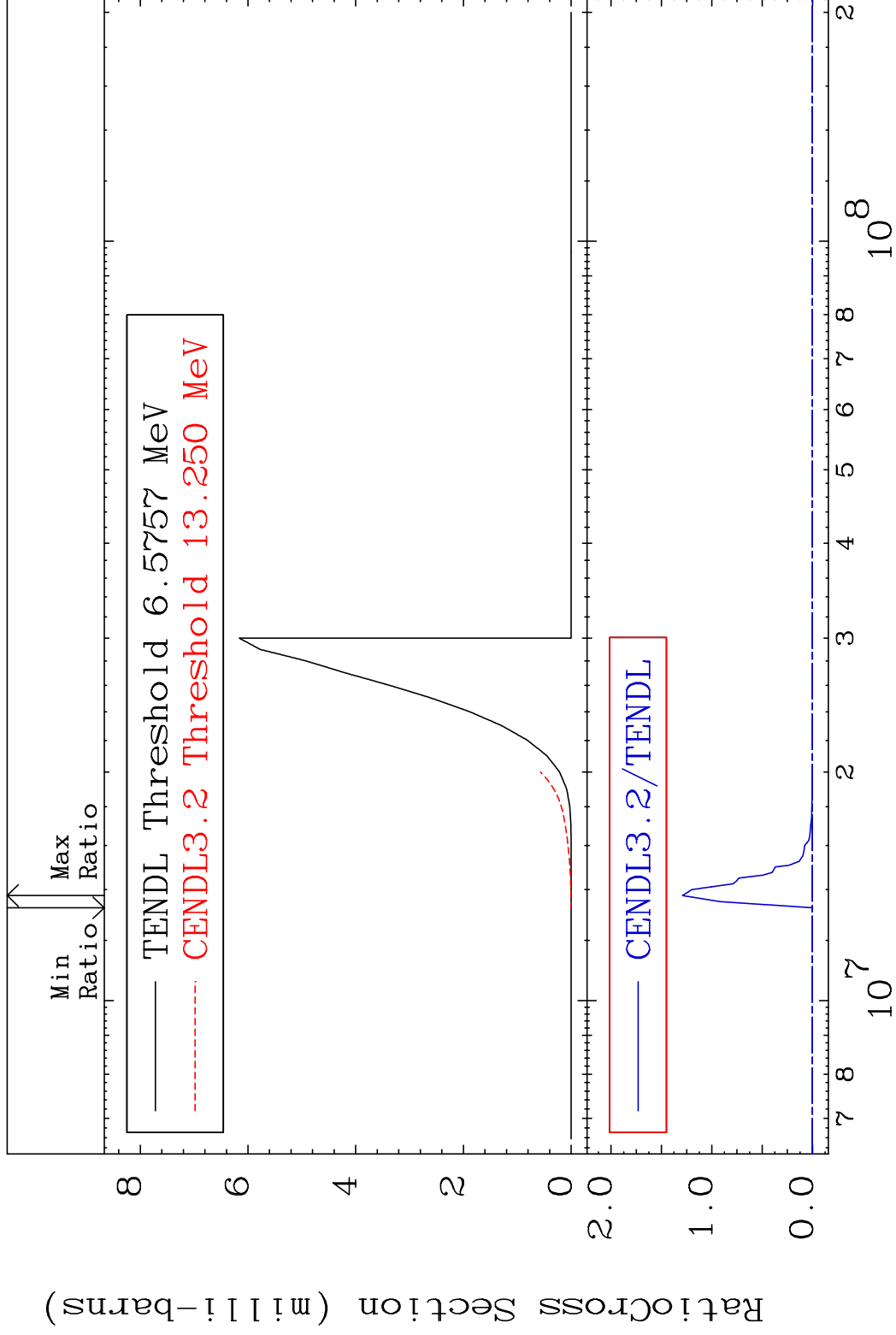
34-Se-74

MAT 3425

(n, He-3)

³⁴Se-74

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

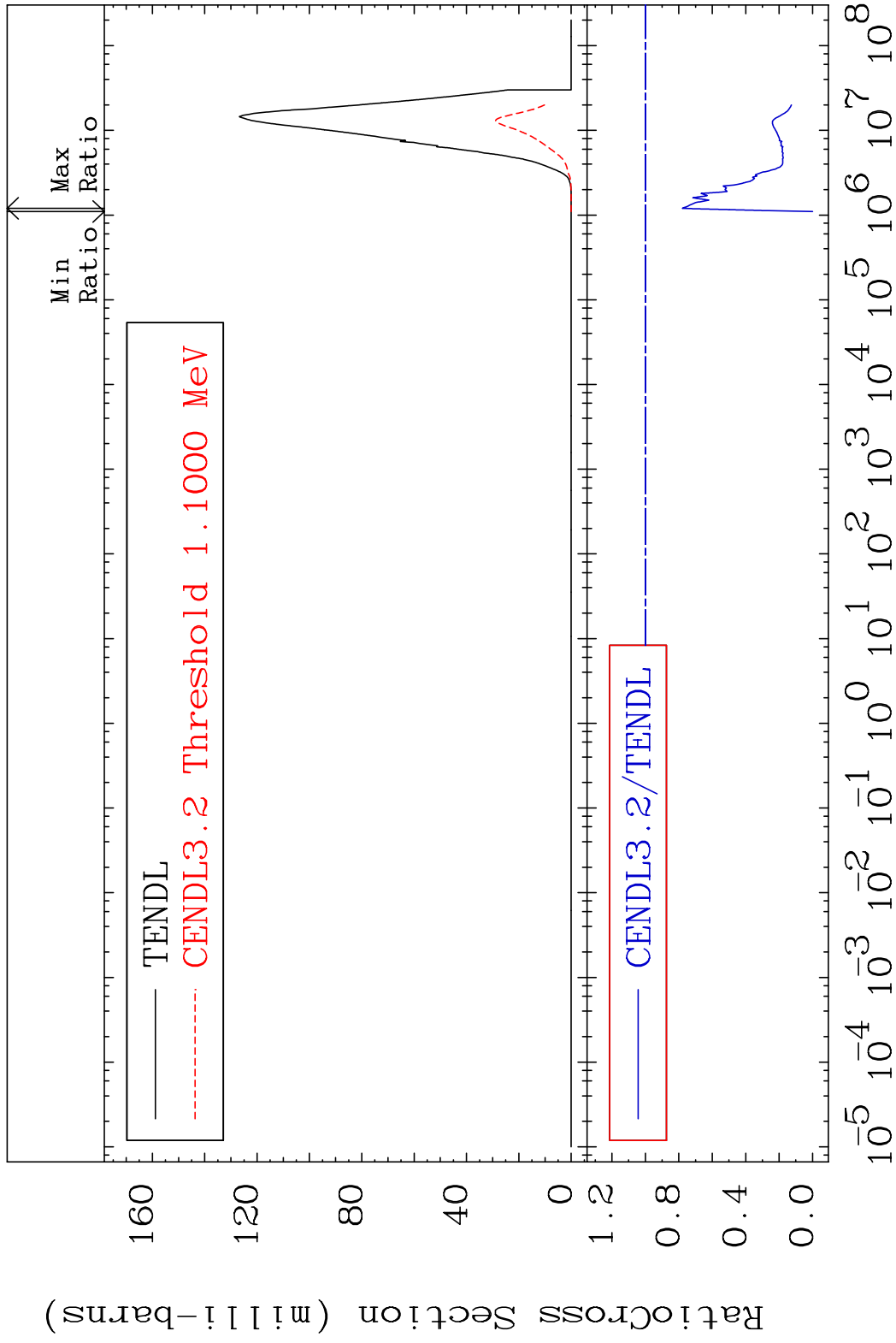
³⁴Se-74

MAT 3425

(n, α)

³⁴Se-74

Cross Section -100.0 To -22.13%

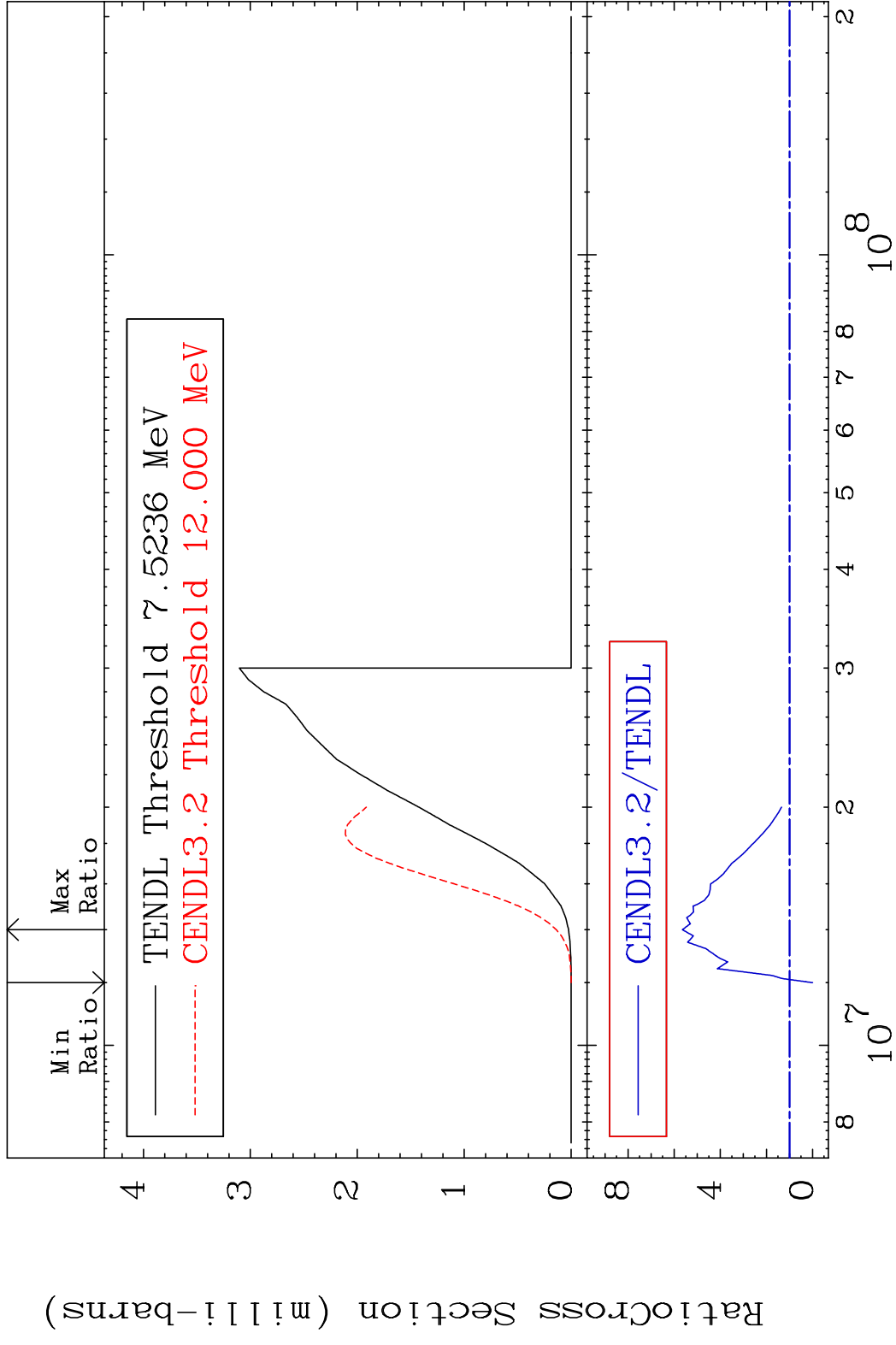


27

Incident Energy (eV)

³⁴Se-74

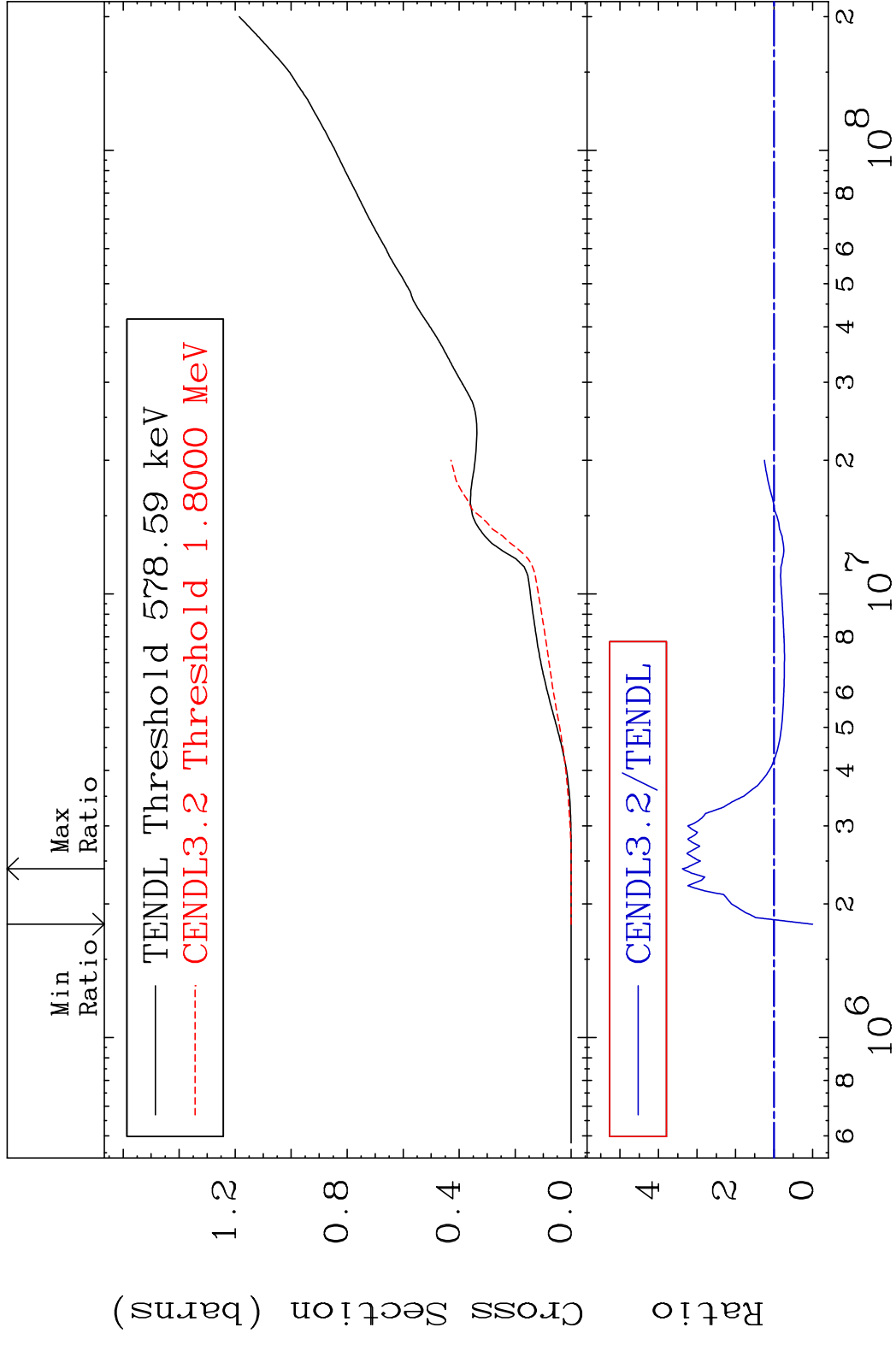
MAT 3425 (n,2p) 34-Se-74
 Cross Section -100.0 To 464.5 %



MAT 3425

Hydrogen Production
Cross Section -100.0 To 238.0 %

³⁴Se-74

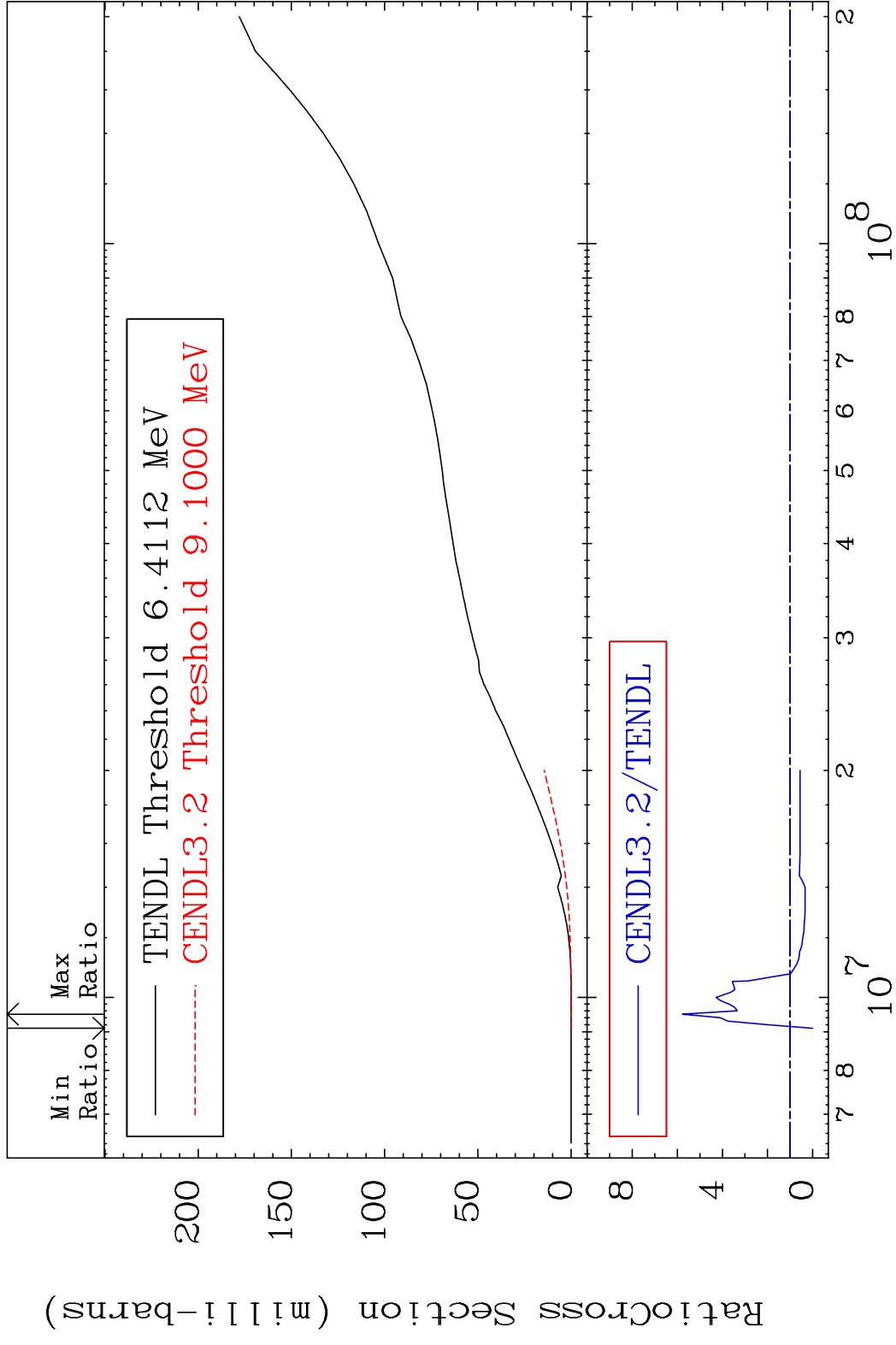


MAT 3425

Deuterium Production

³⁴Se-74

Cross Section -100.0 To 477.8 %

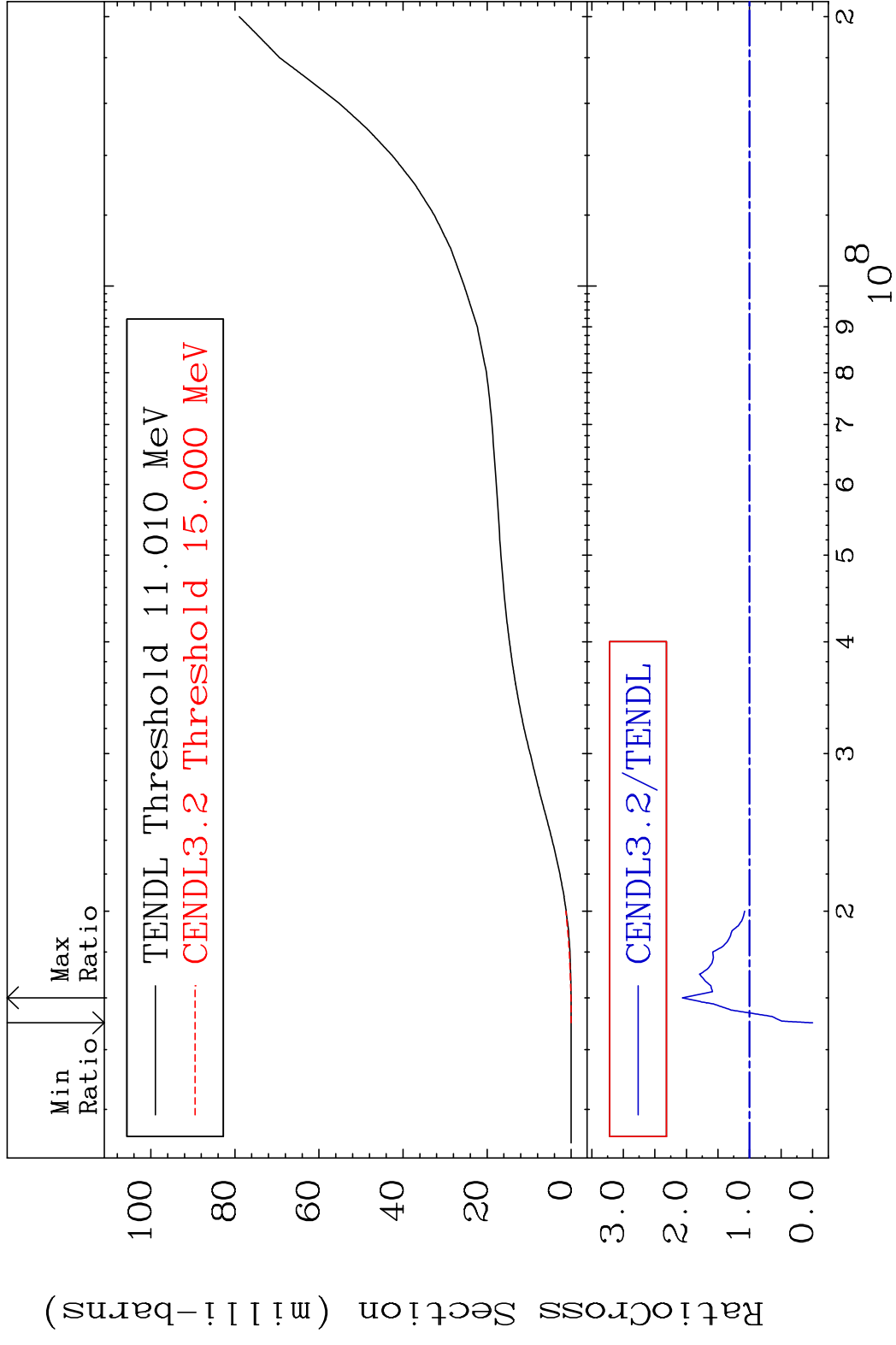


30

Incident Energy (eV)

³⁴Se-74

Cross Section -100.0 To 106.4 %

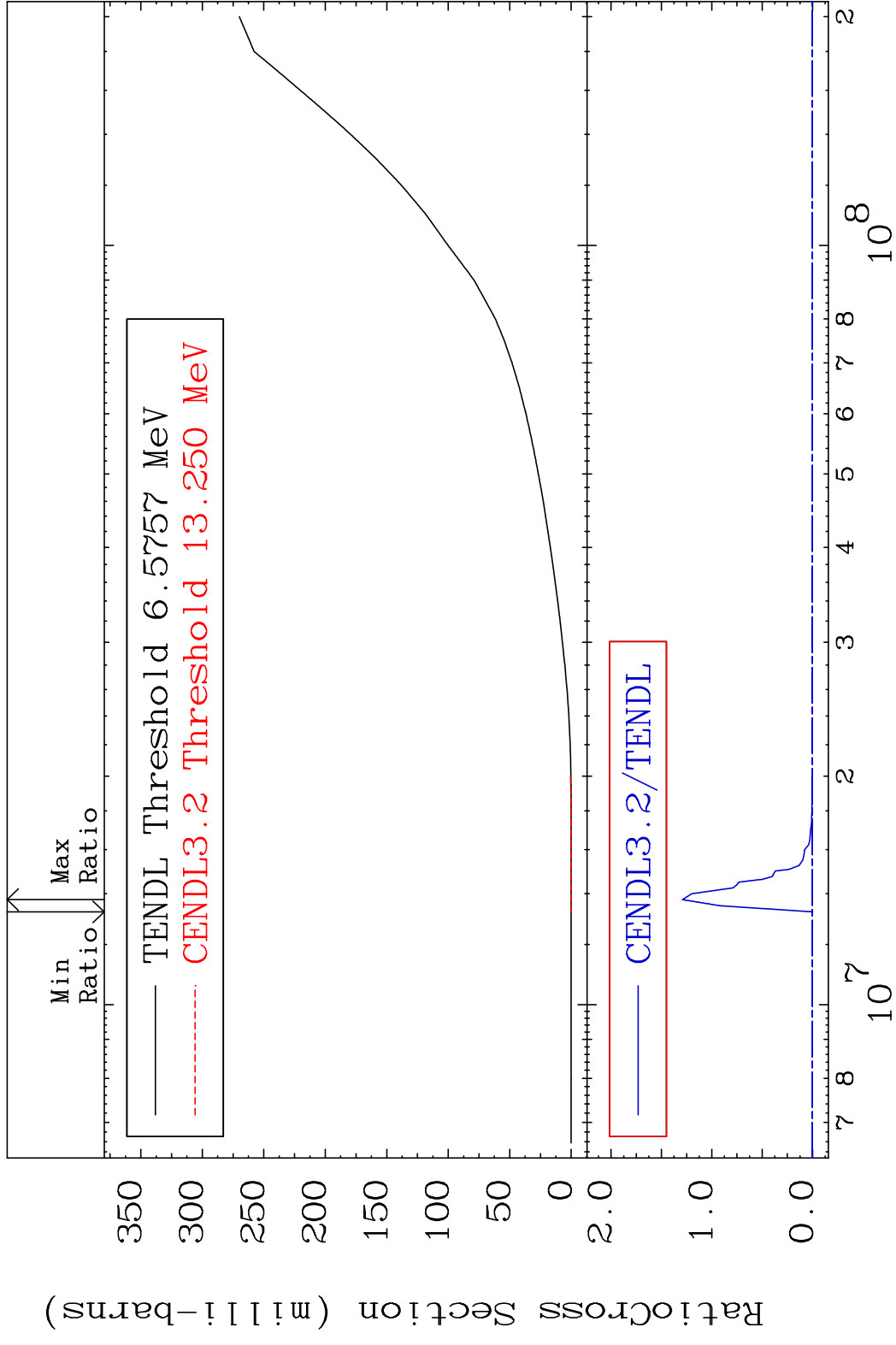


MAT 3425

He-3 Production

34-Se-74

Cross Section -100.0 To 9999. %

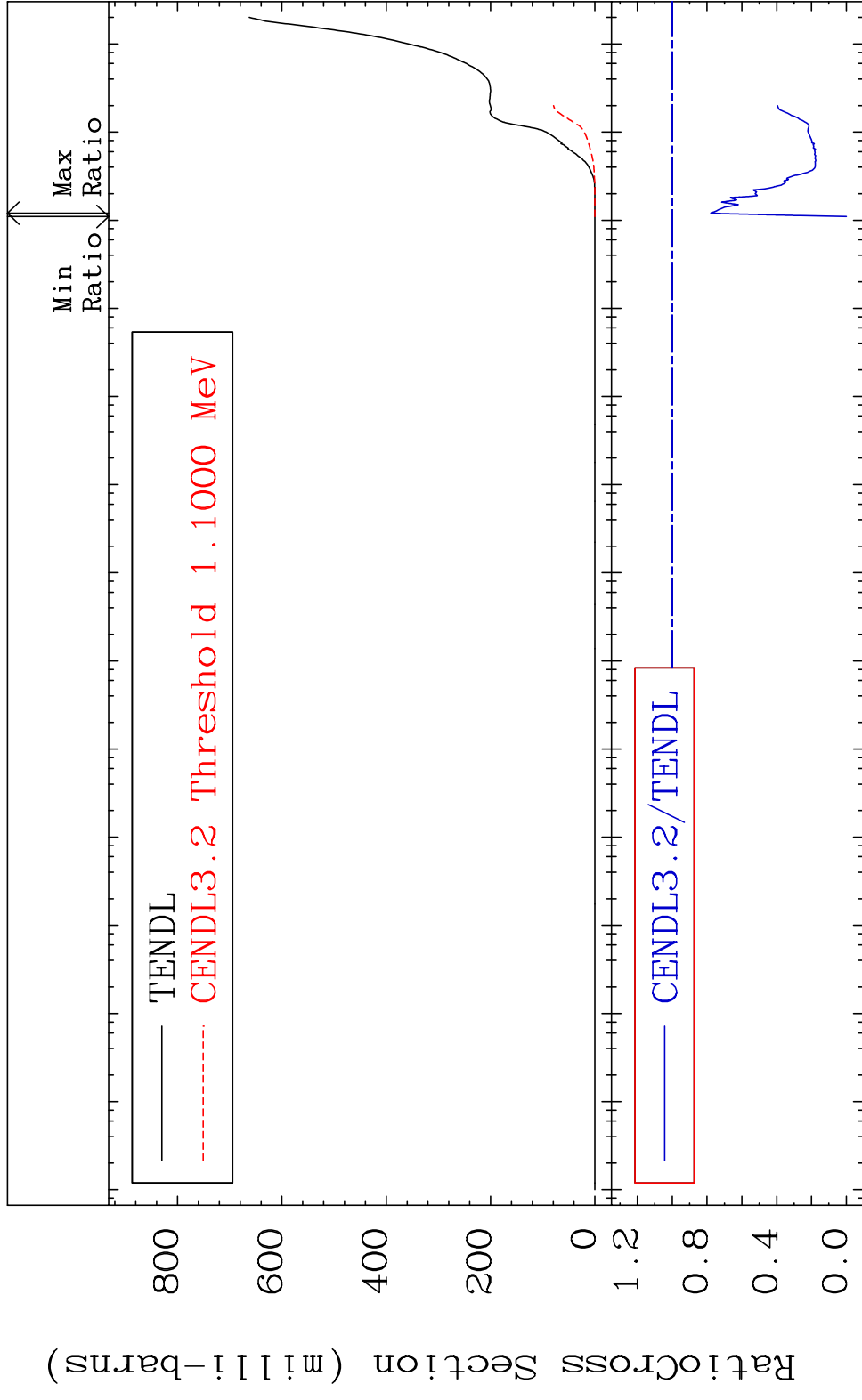


MAT 3425

He-4 Production

³⁴Se-74

Cross Section -100.0 To -22.13%

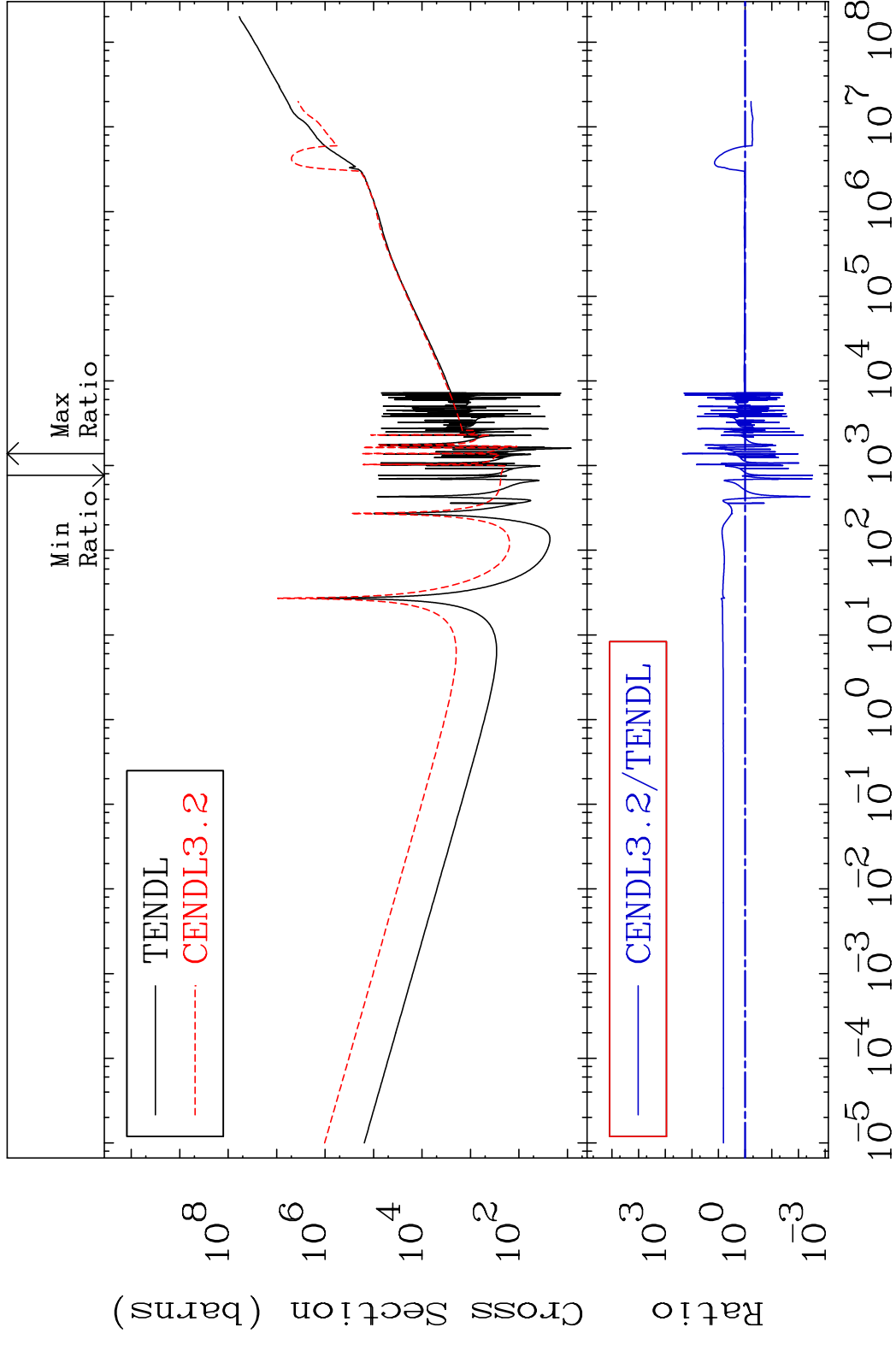


33

Incident Energy (eV)

³⁴Se-74

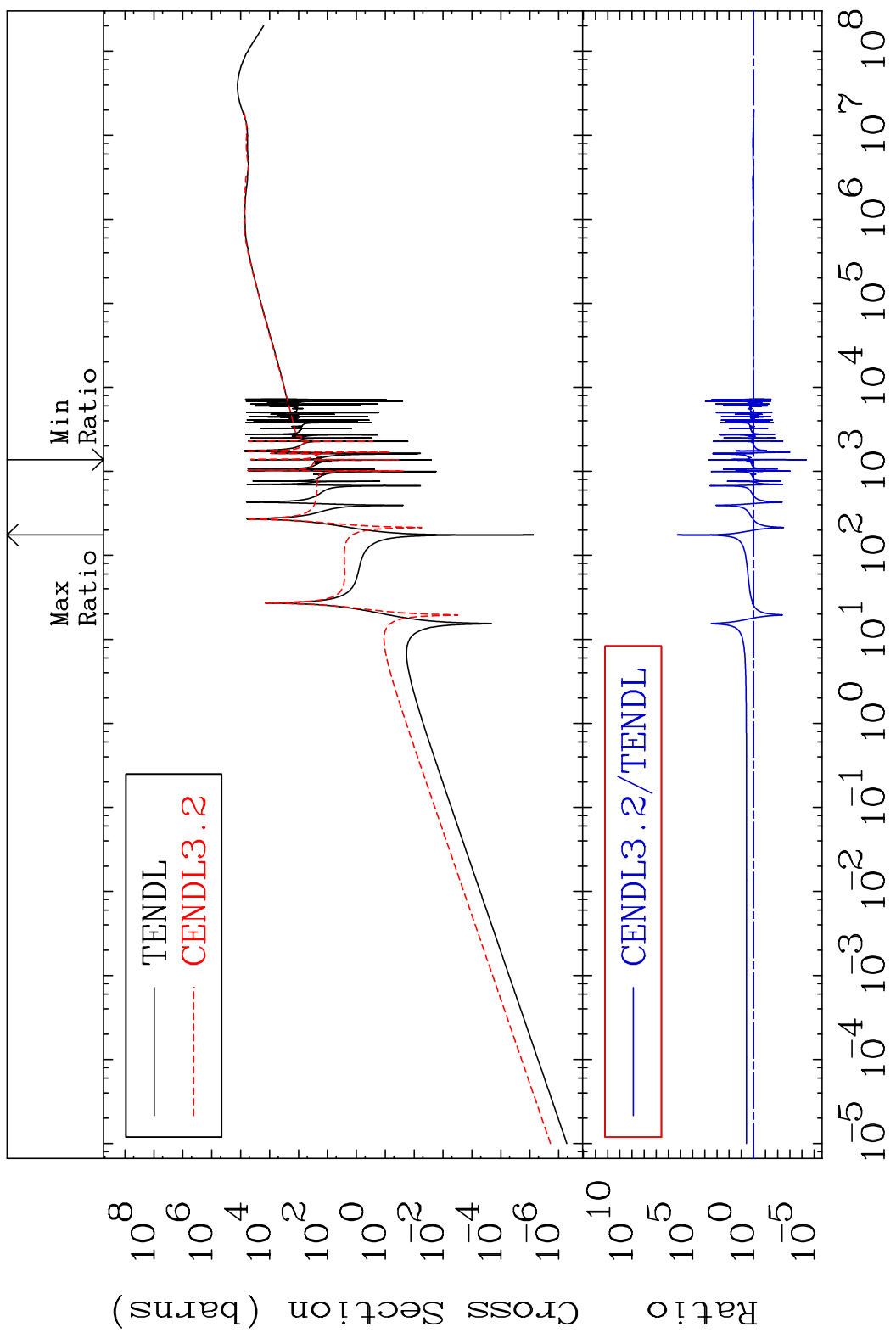
MAT 3425 Kerma total (eV-barns) 34-Se-74
 Cross Section -99.70 To 9999. %



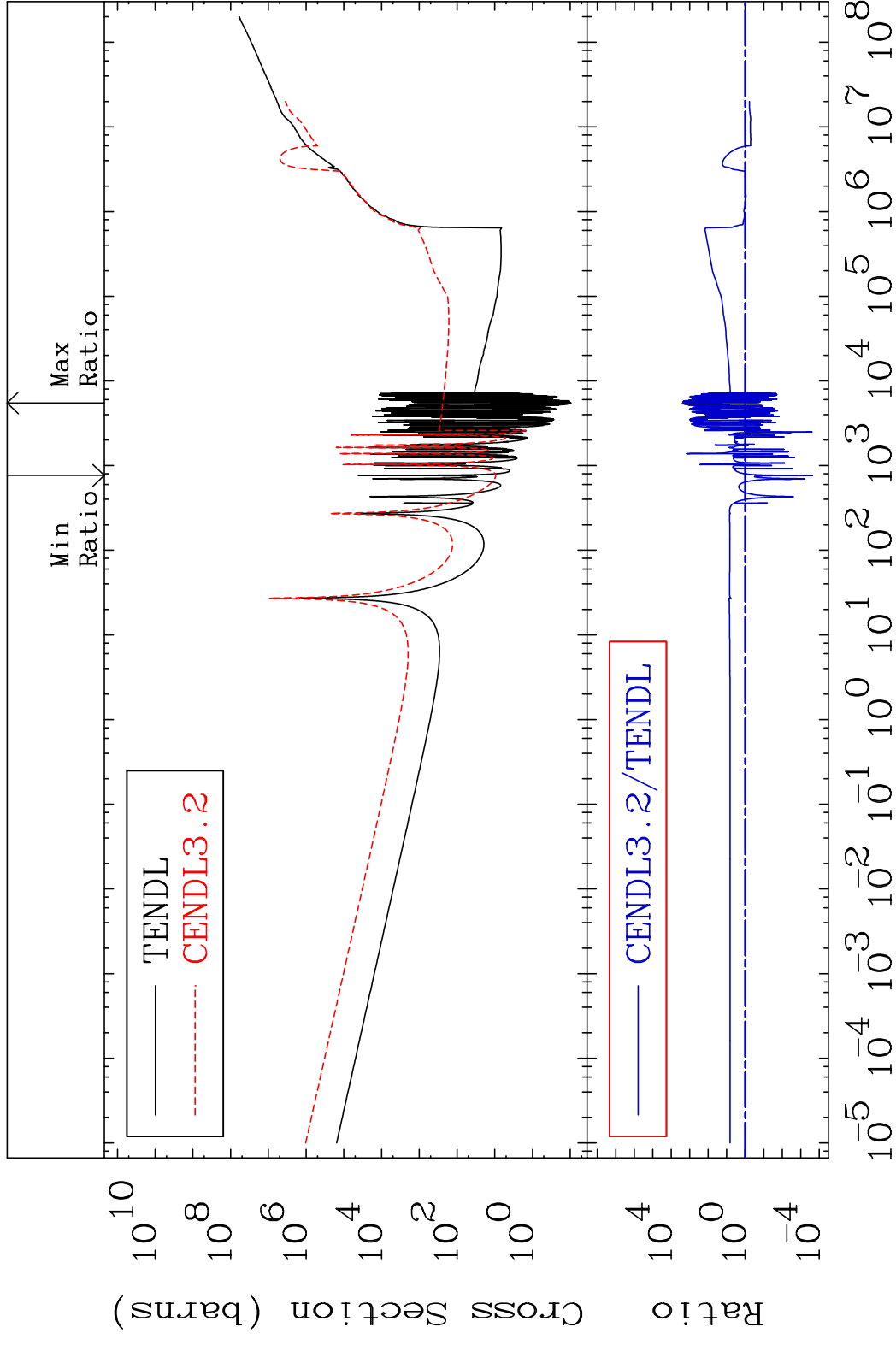
34 Incident Energy (eV) 34-Se-74

MAT 3425

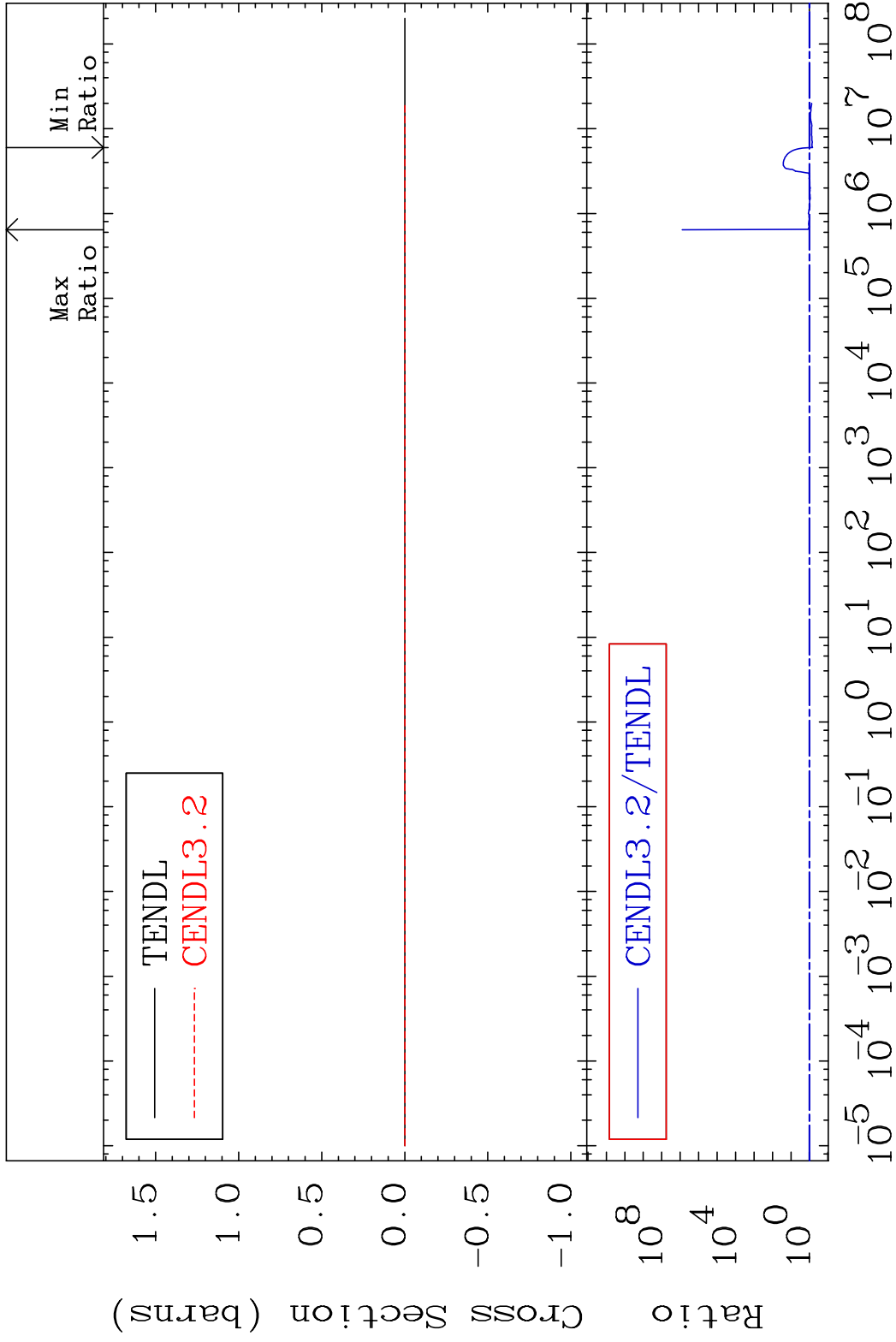
Kerma elastic Cross Section -100.0 To 9999. %
34-Se-74



MAT 3425 Kerma non-elastic (all but mt2) 34-Se-74
 Cross Section -99.98 To 9999. %

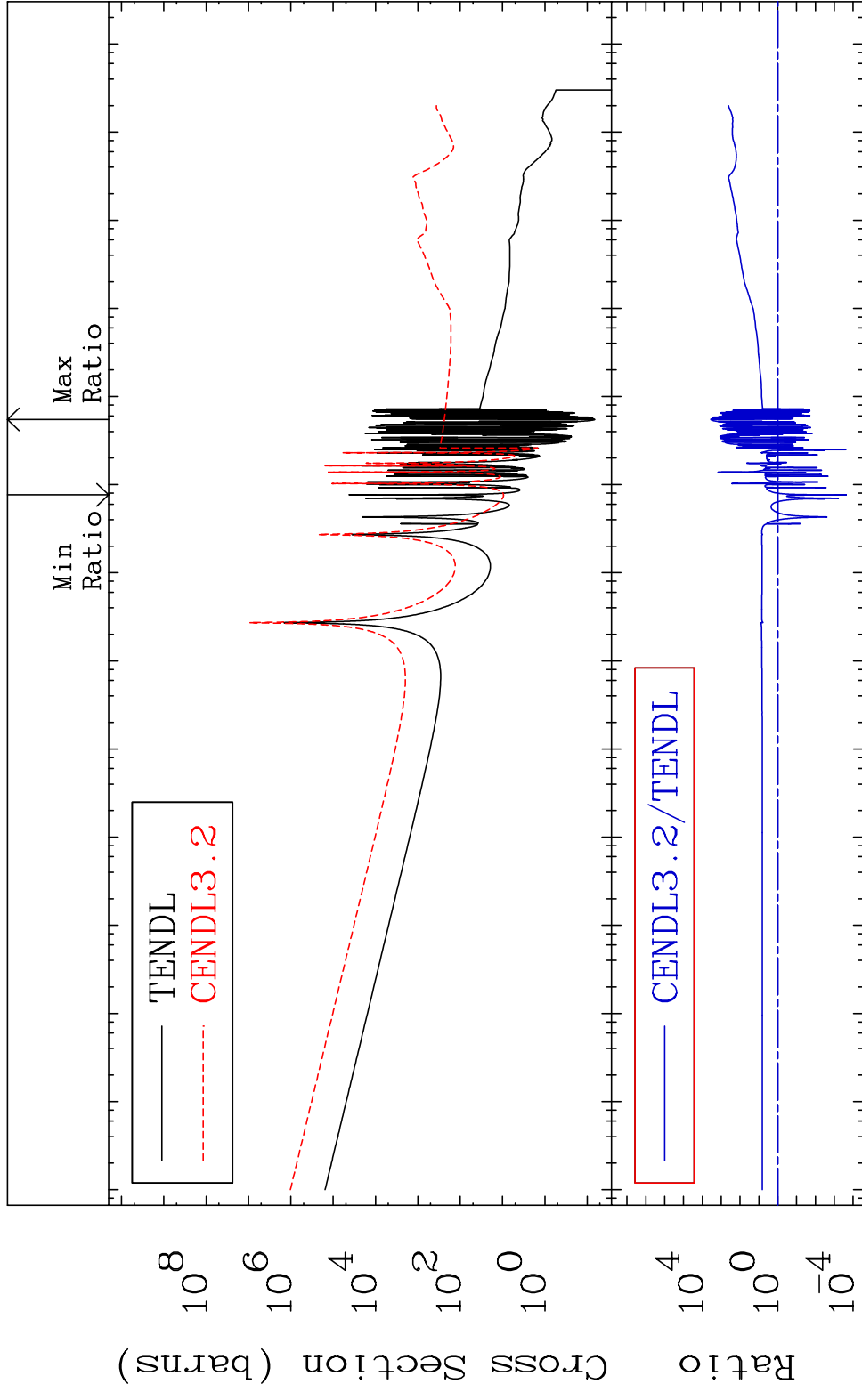


MAT 3425 Kerma fission (mt18 or mt19-20-21-38) 34-Se-74
 Cross Section -31.57 To 9999. %



MAT 3425

Kerma capture (mt102) 34-Se-74
Cross Section -99.98 To 9999. %

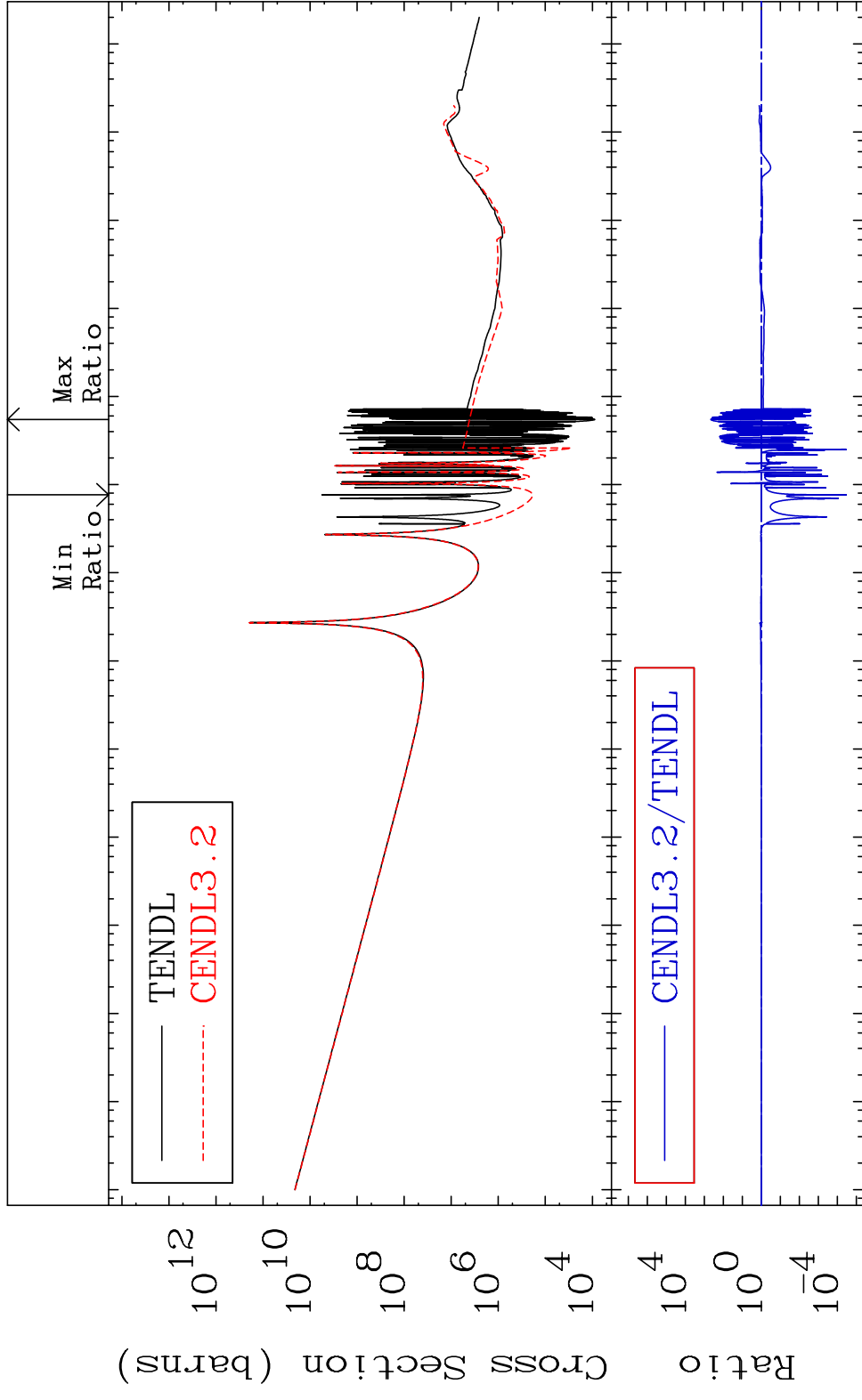


39

Incident Energy (eV)

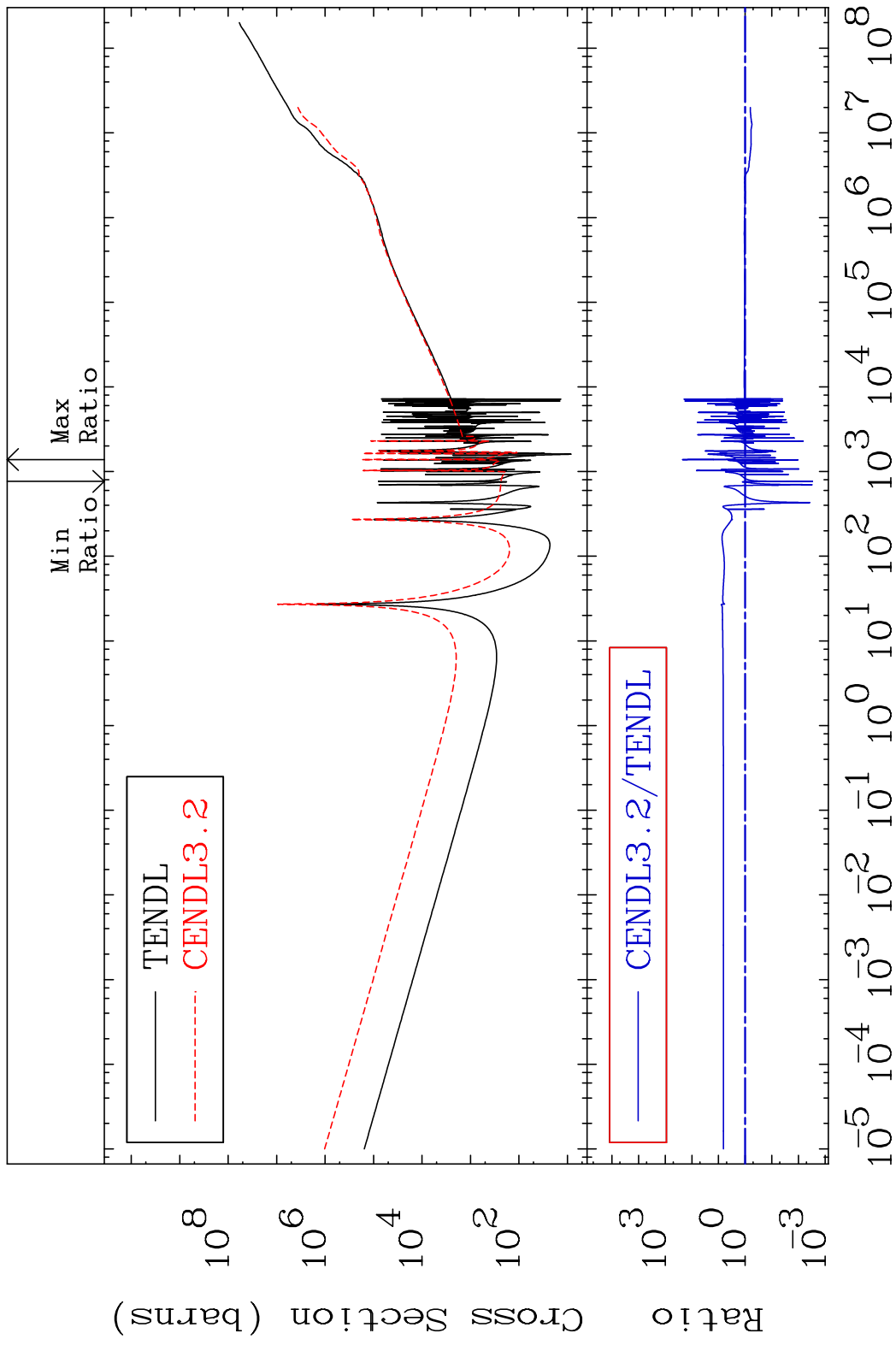
34-Se-74

MAT 3425 Total photon (eV-barns) 34-Se-74
 Cross Section -100.0 To 9999. %

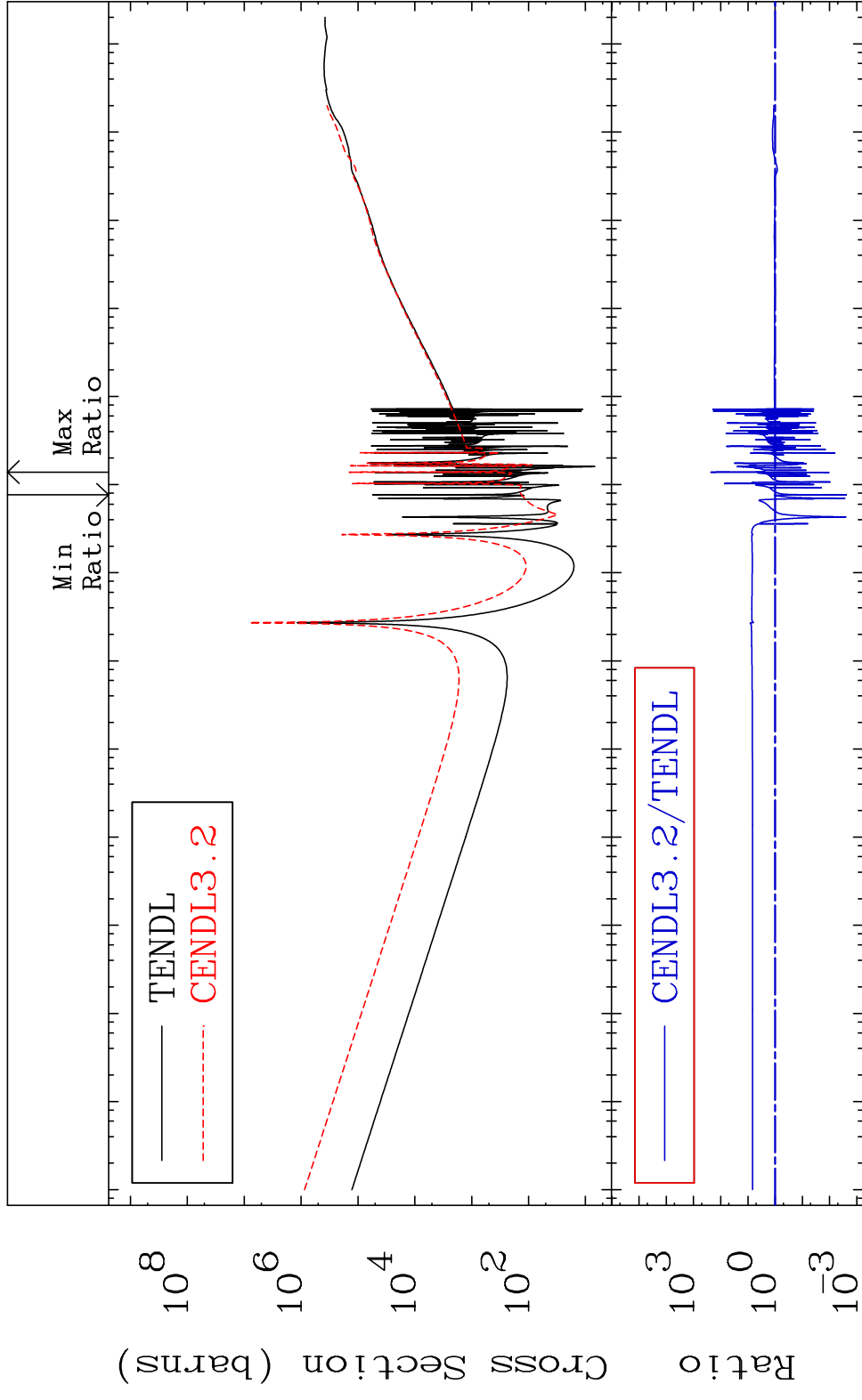


40 Incident Energy (eV) 34-Se-74

MAT 3425 Total kinematic kerma (high limit) 34-Se-74
 Cross Section -99.70 To 9999. %



MAT 3425 Dpa total (eV-barns) 34-Se-74
 Cross Section -99.76 To 9999. %

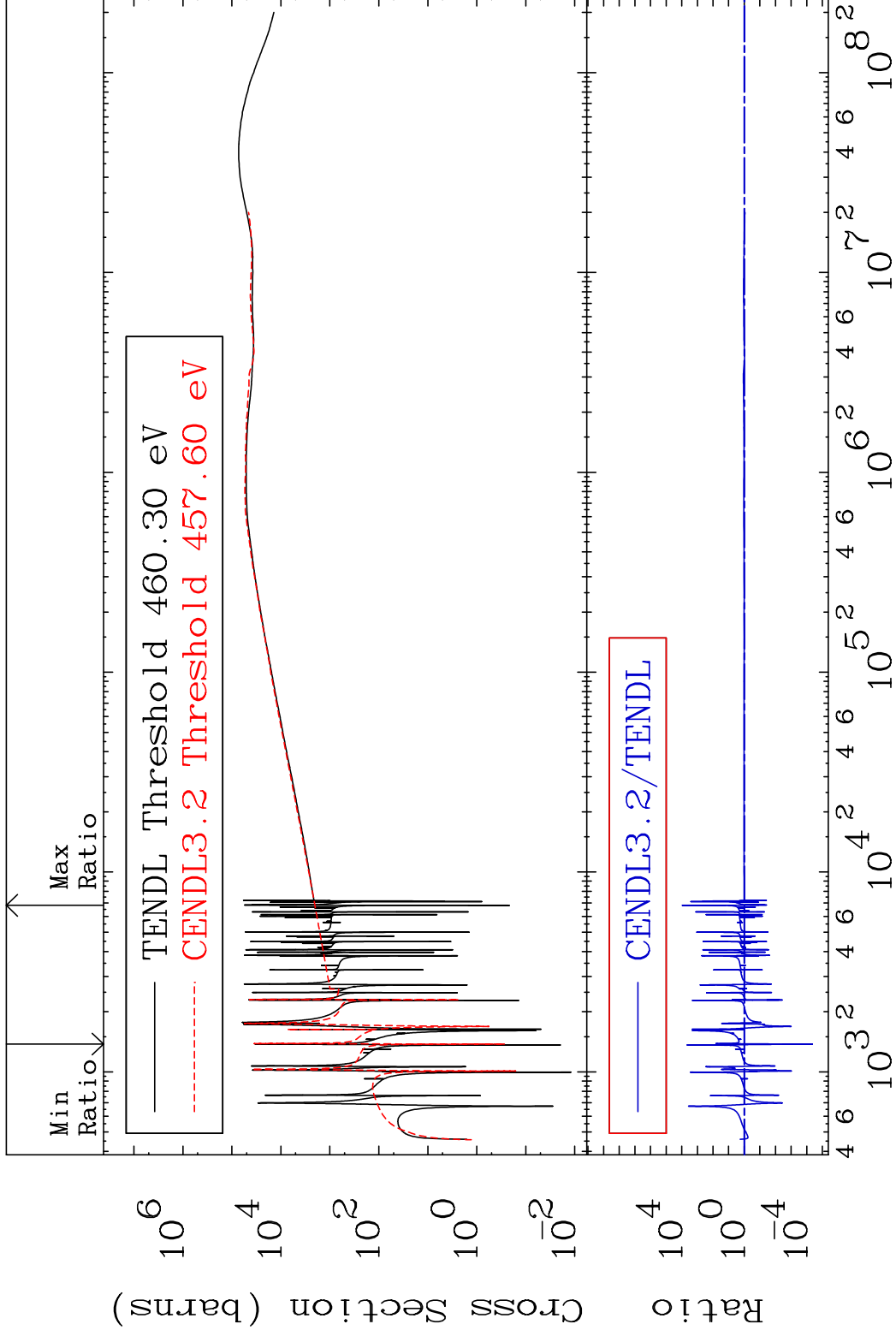


MAT 3425

Dpa elastic (mt2)

34-Se-74

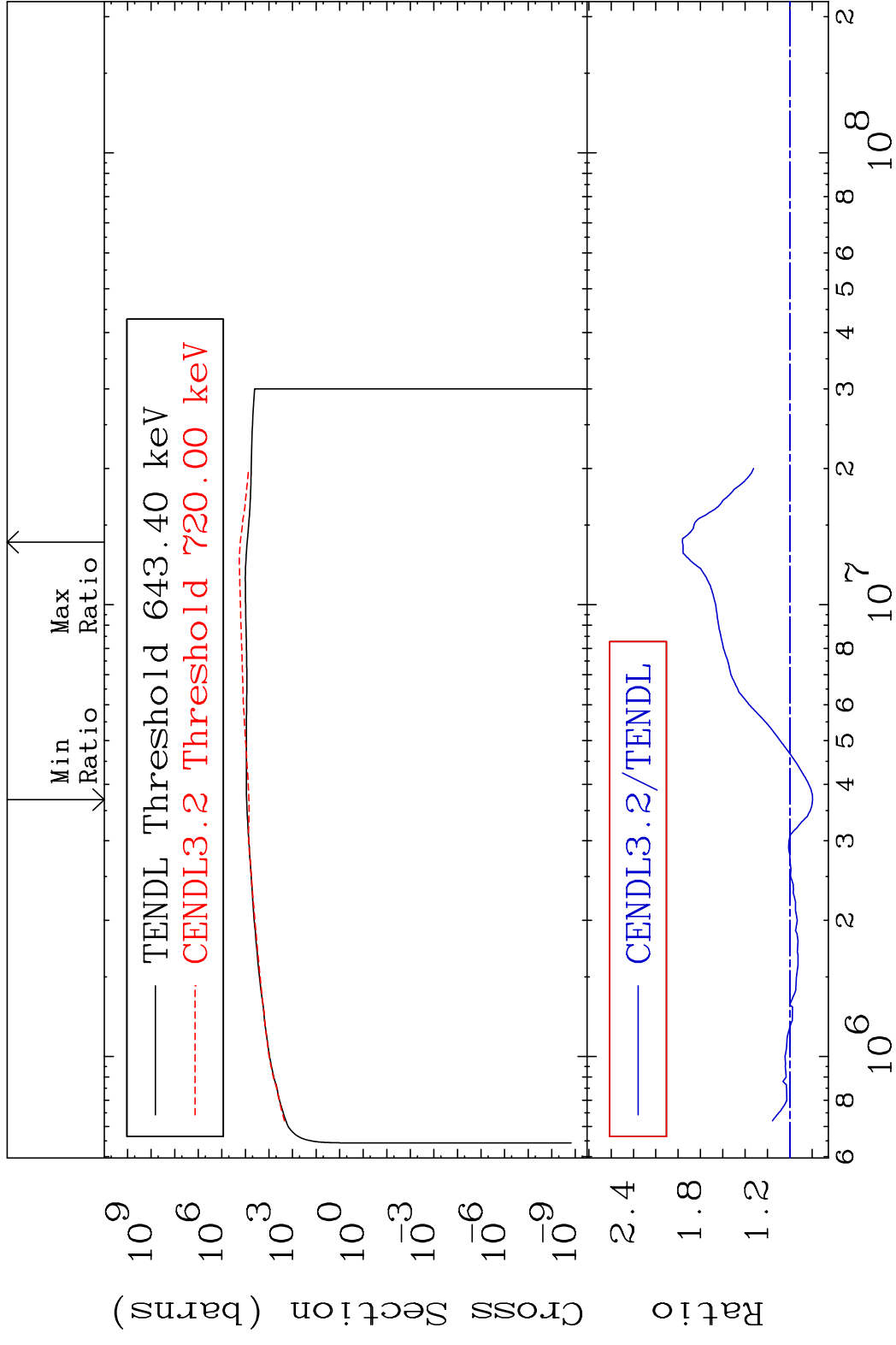
Cross Section -100.0 To 9999. %



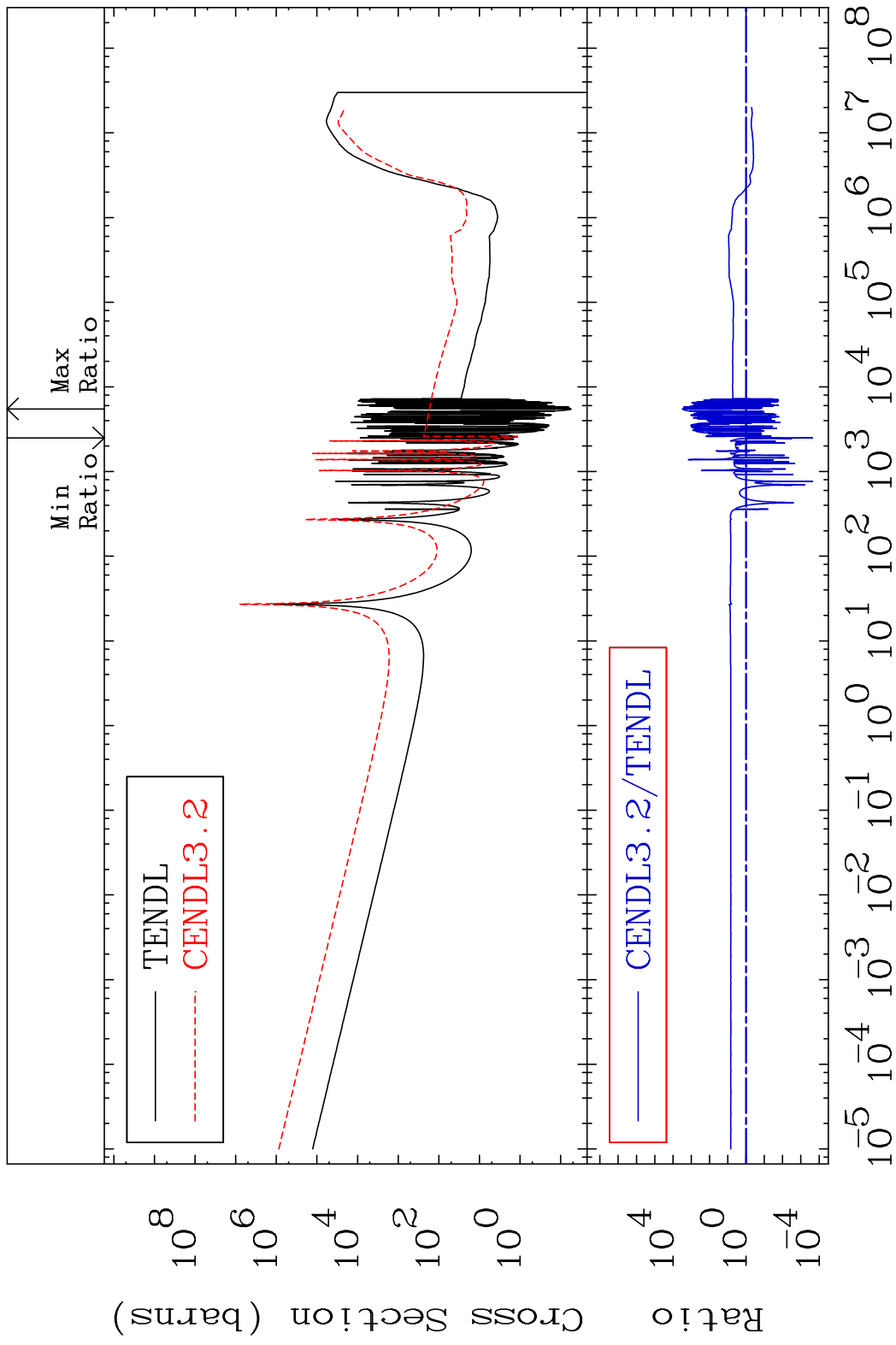
43

Incident Energy (eV)

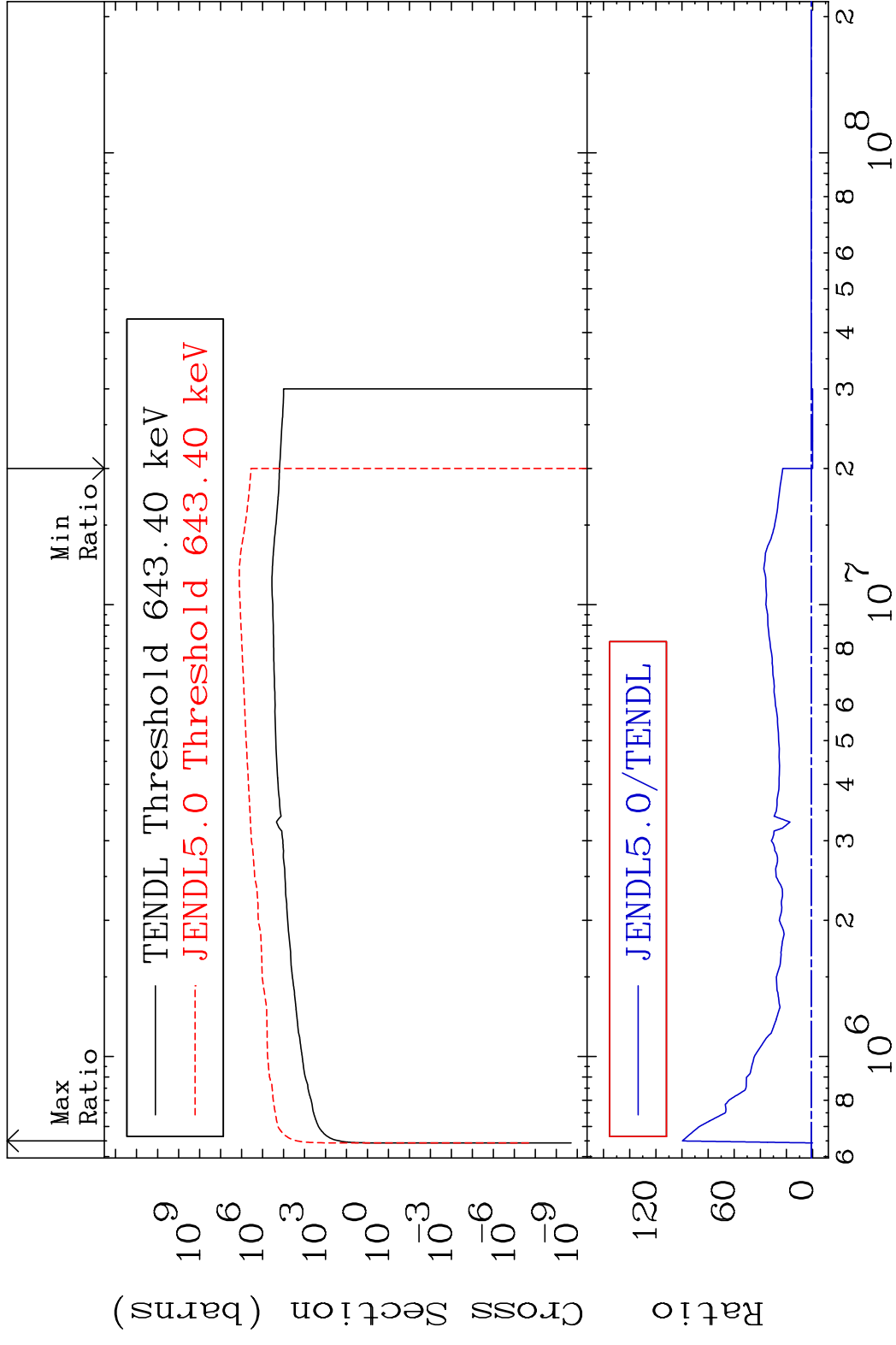
34-Se-74



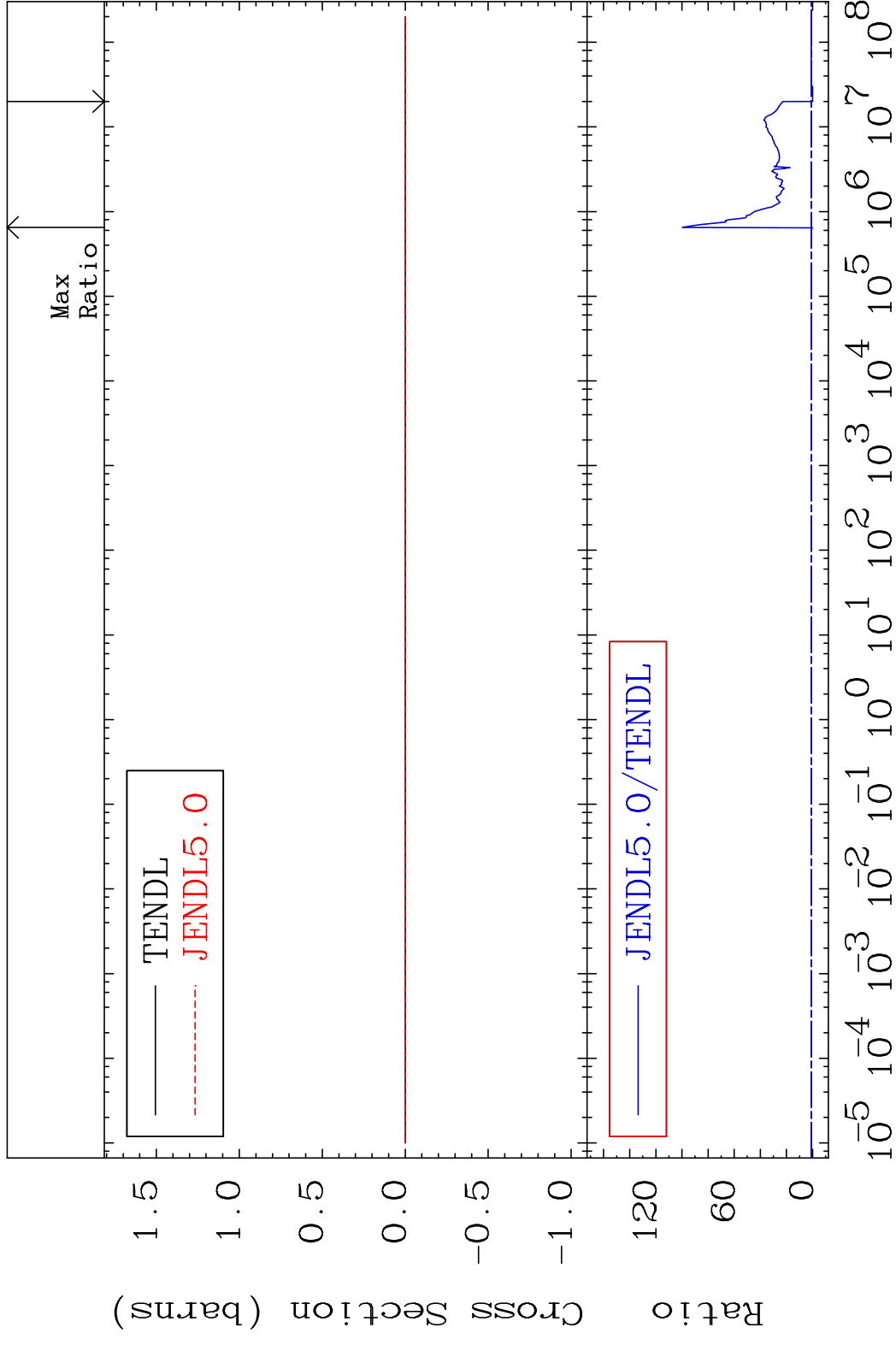
MAT 3425 Dpa disappearance (mt102 -120) 34-Se-74
 Cross Section -99.98 To 9999. %



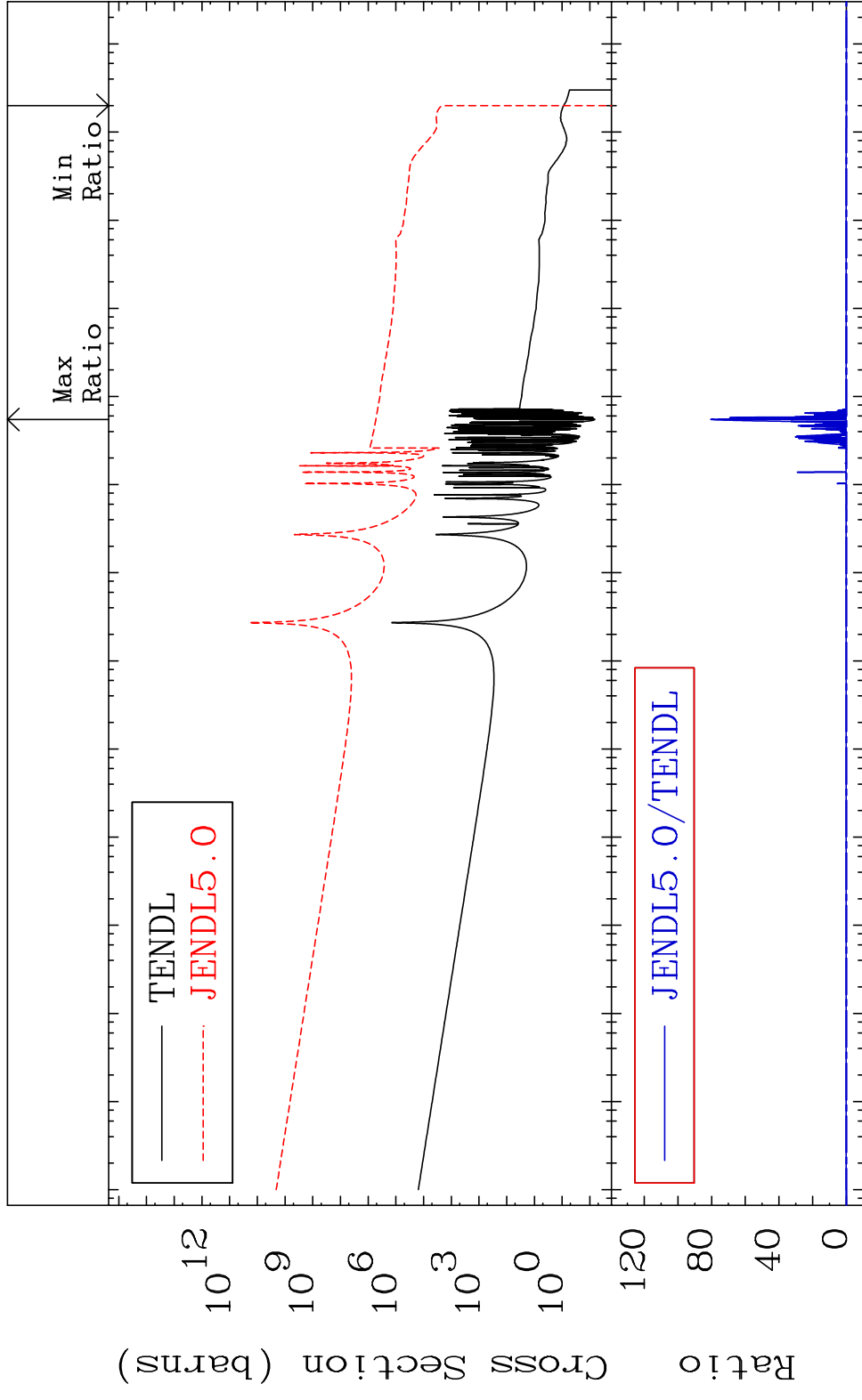
MAT 3425 Kerma inelastic (mt51-91) 34-Se-74
 Cross Section -100.0 To 9869. %



MAT 3425 Kerma fission (mt18 or mt19-20-21-38) 34-Se-74
 Cross Section -100.0 To 9869. %

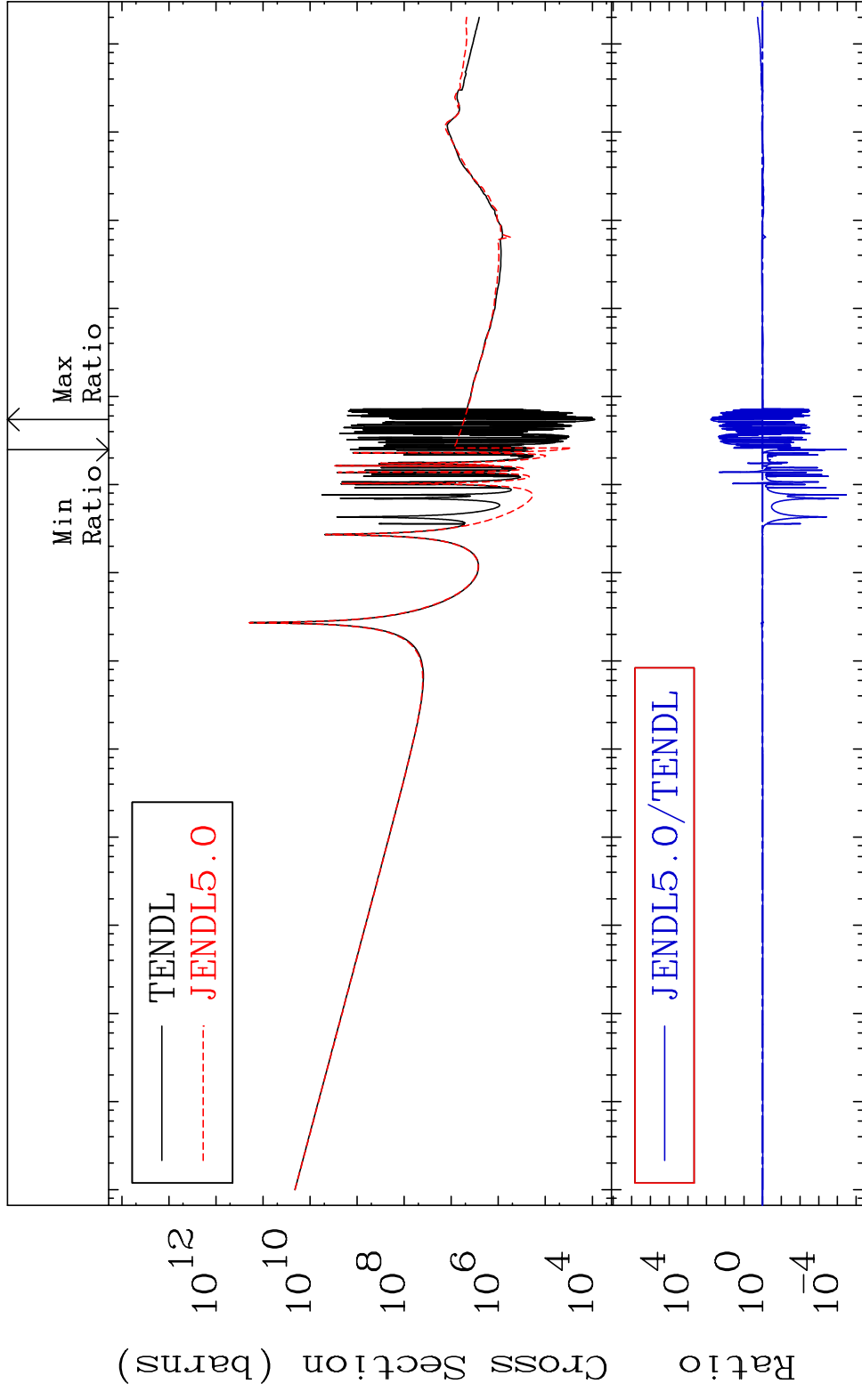


MAT 3425 Kerma capture (mt102) 34-Se-74
 Cross Section -100.0 To 9999. %



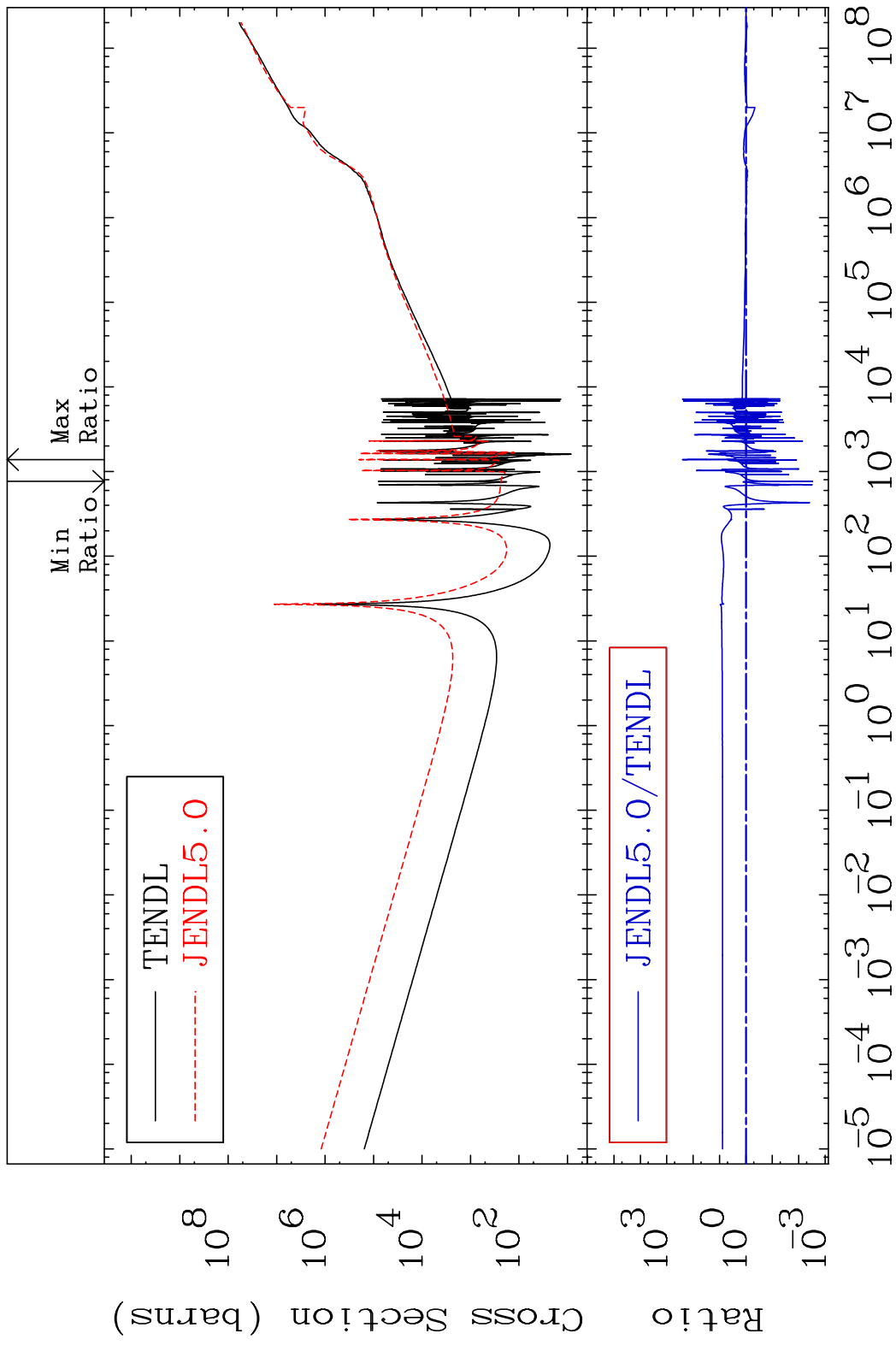
48 Incident Energy (eV) 34-Se-74

MAT 3425 Total photon (eV-barns) 34-Se-74
 Cross Section -100.0 To 9999. %

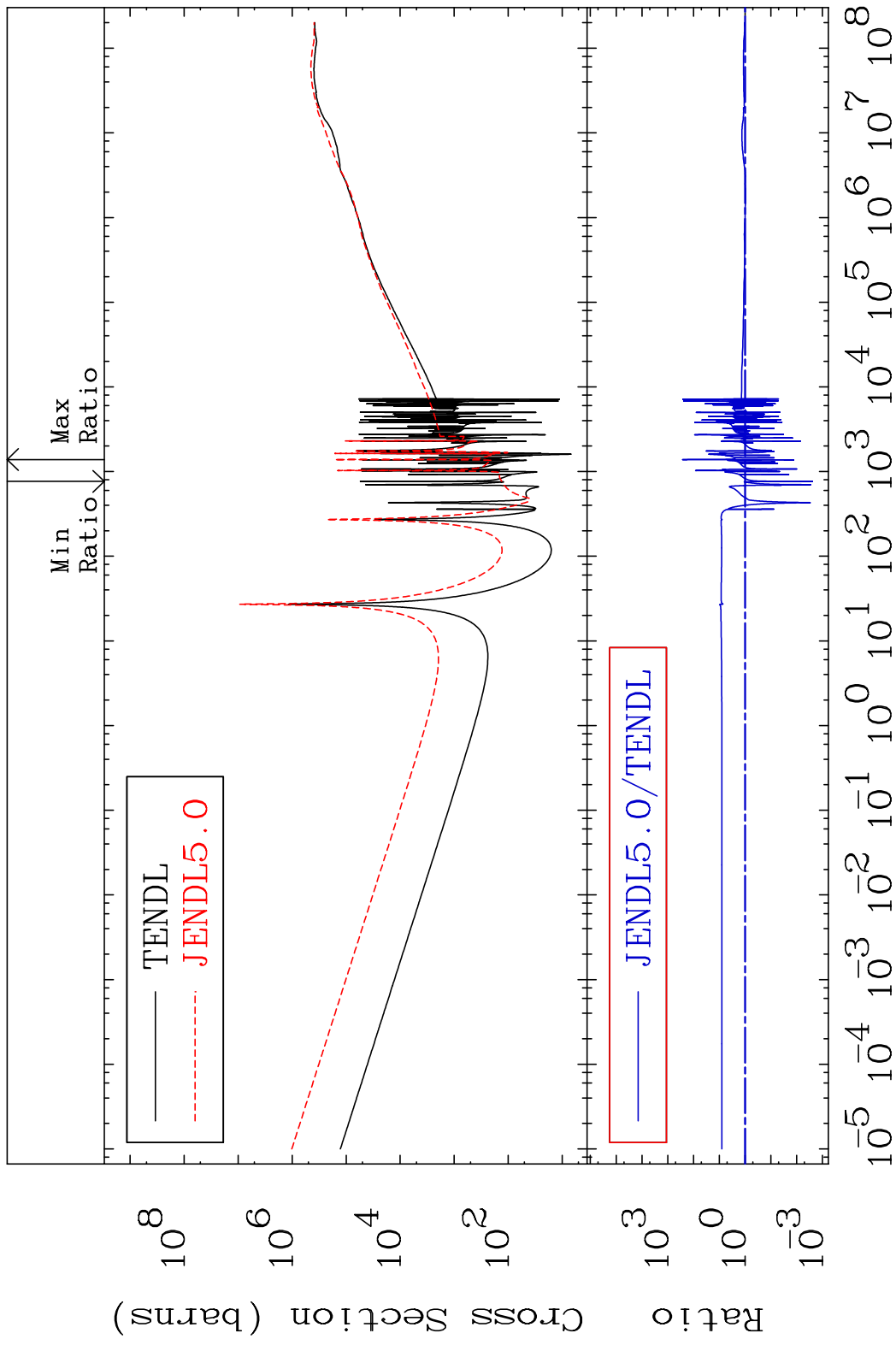


49 Incident Energy (eV) 34-Se-74

MAT 3425 Total kinematic kerma (high limit) 34-Se-74
Cross Section -99.70 To 9999. %



MAT 3425 Dpa total (eV-barns) 34-Se-74
 Cross Section -99.76 To 9999. %

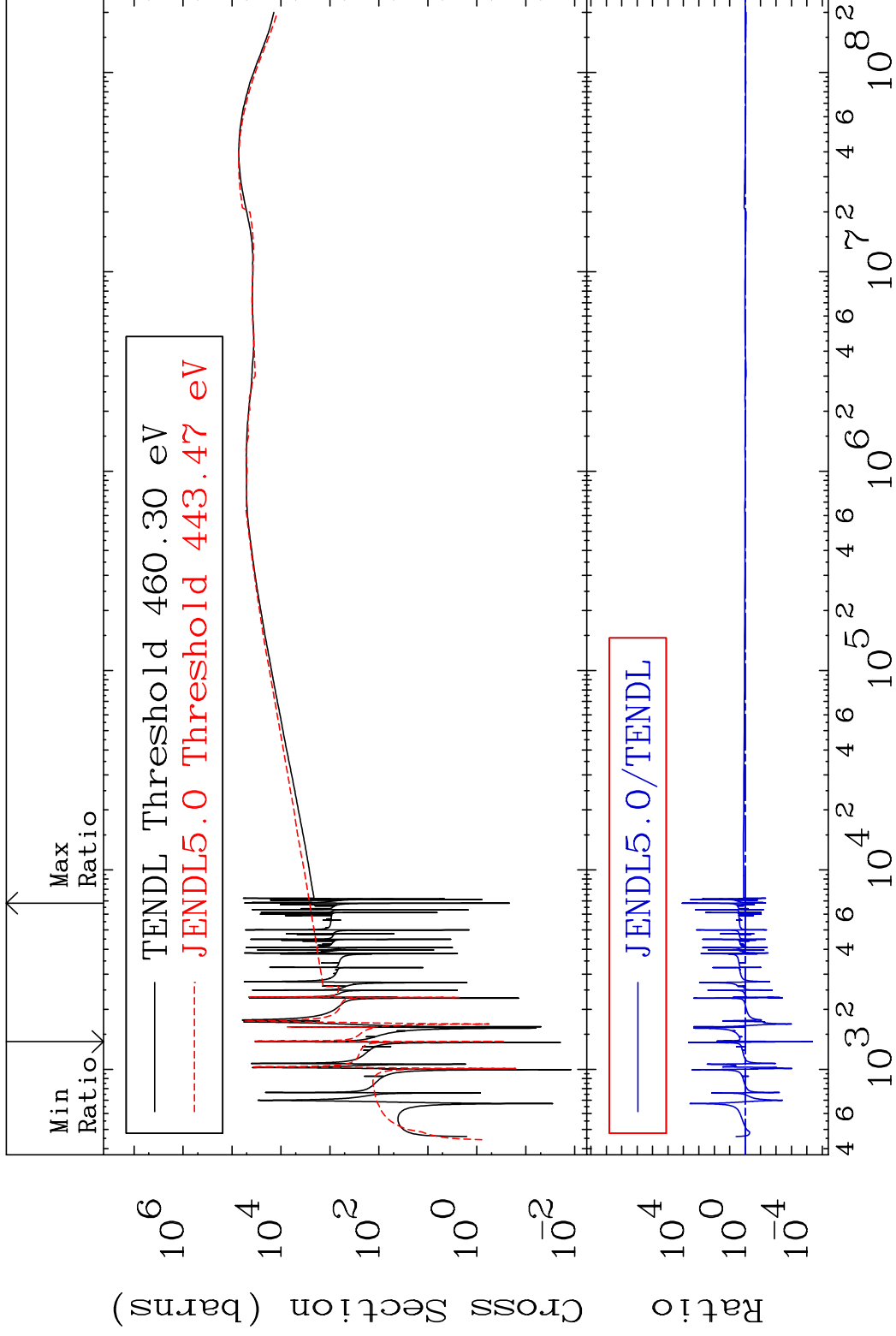


MAT 3425

Dpa elastic (mt2)

34-Se-74

Cross Section -100.0 To 9999. %

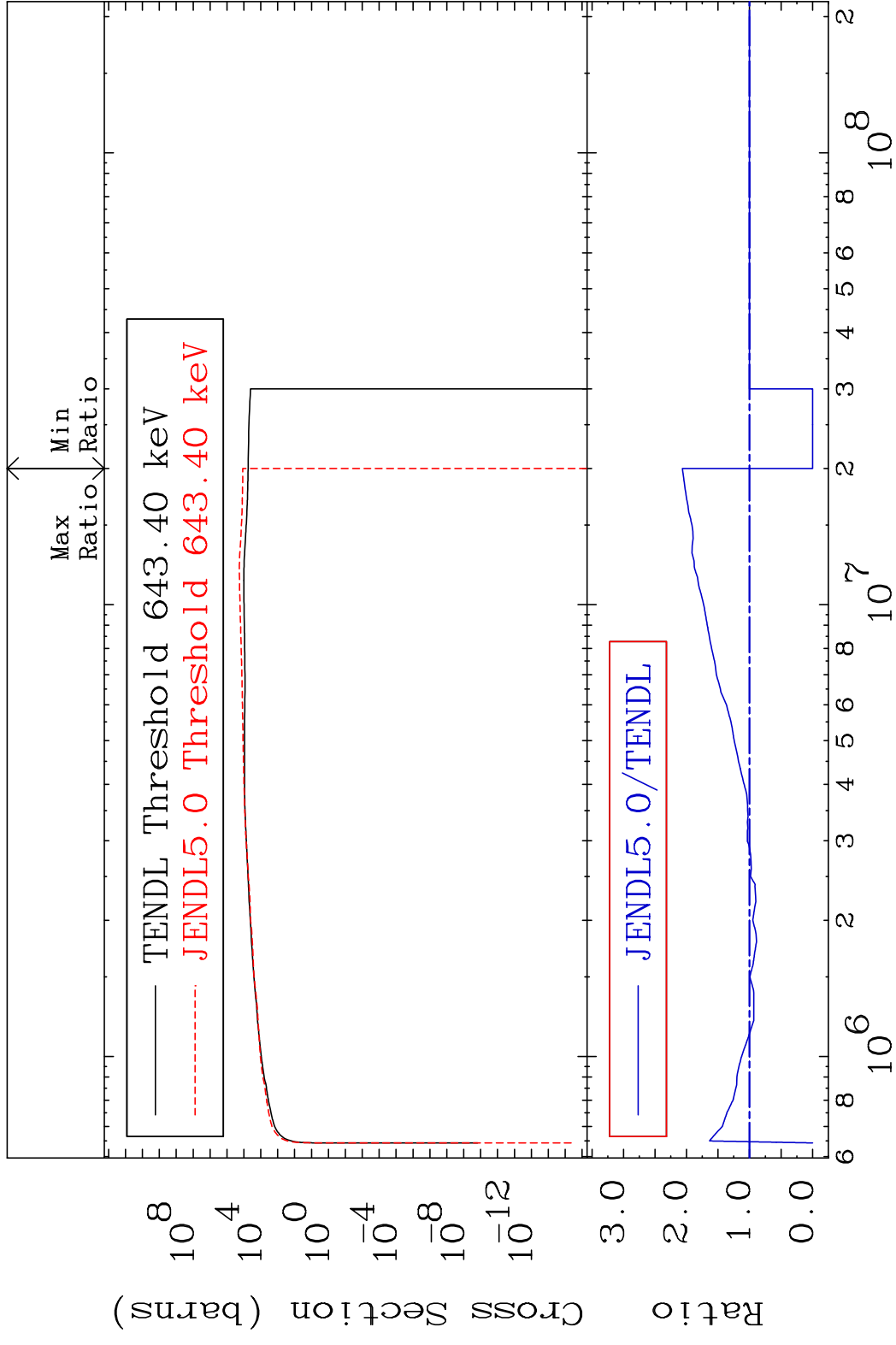


52

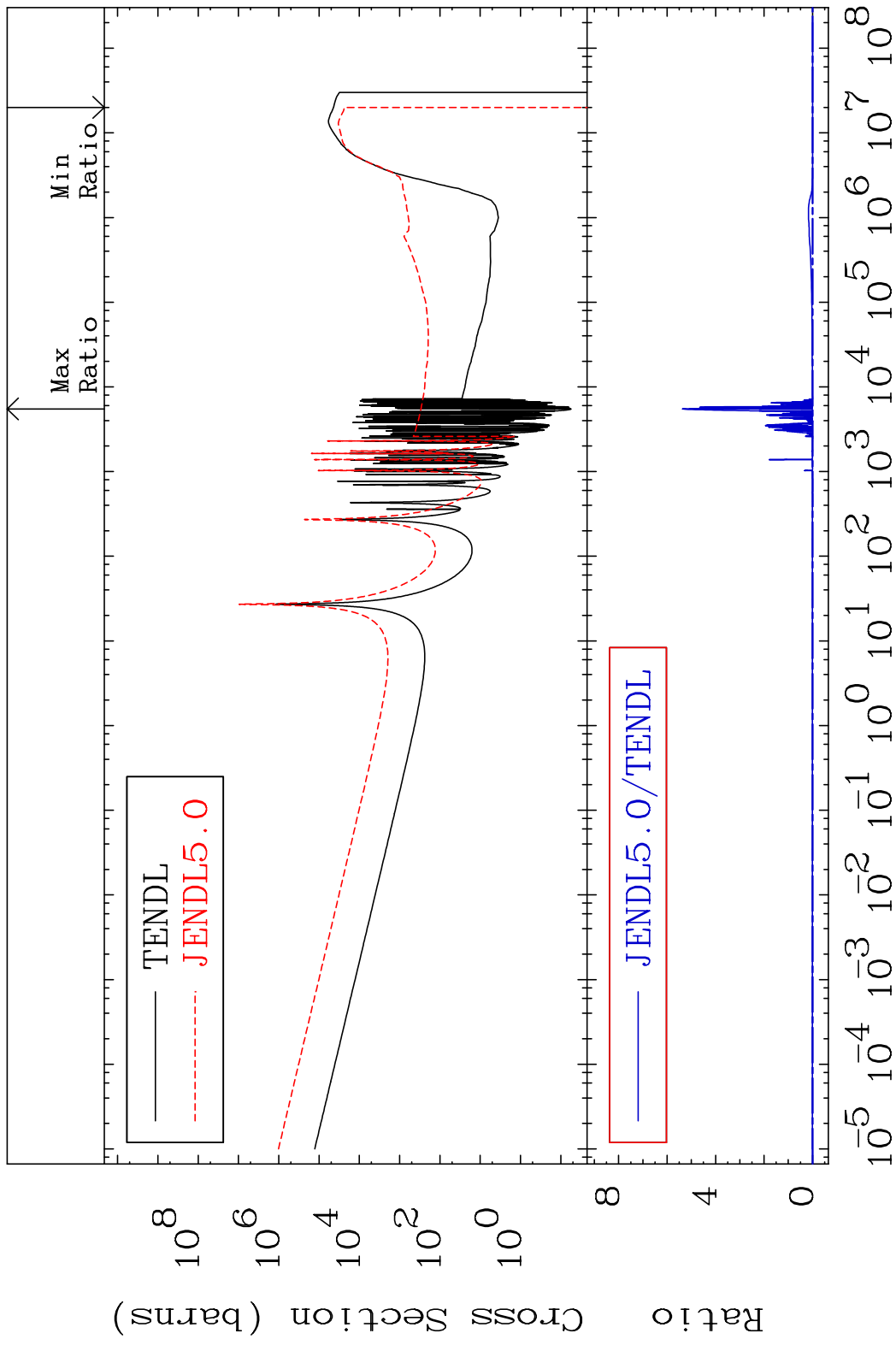
Incident Energy (eV)

34-Se-74

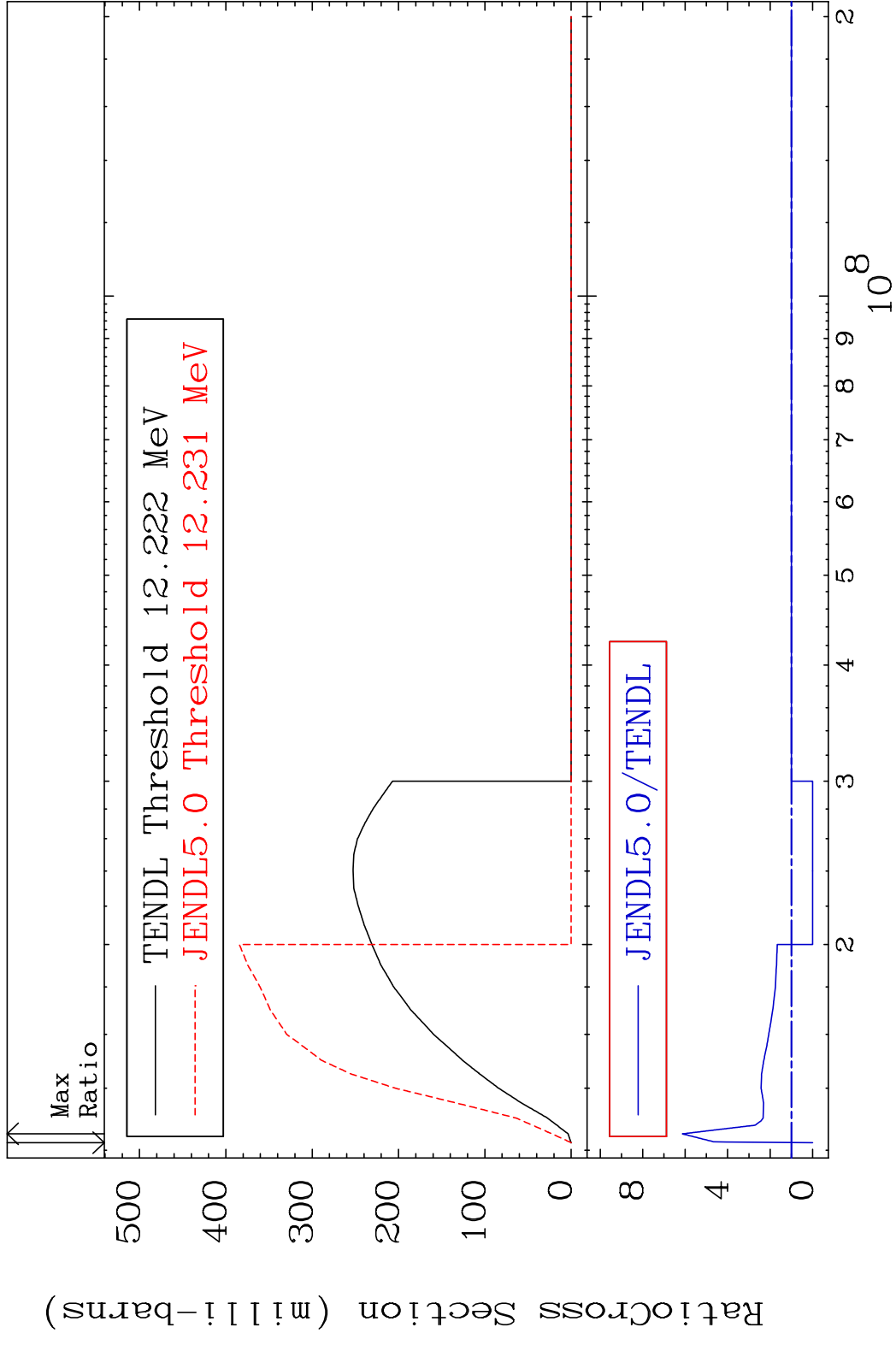
MAT 3425 Dpa inelastic (mt51-91) 34-Se-74
 Cross Section -100.0 To 106.6 %



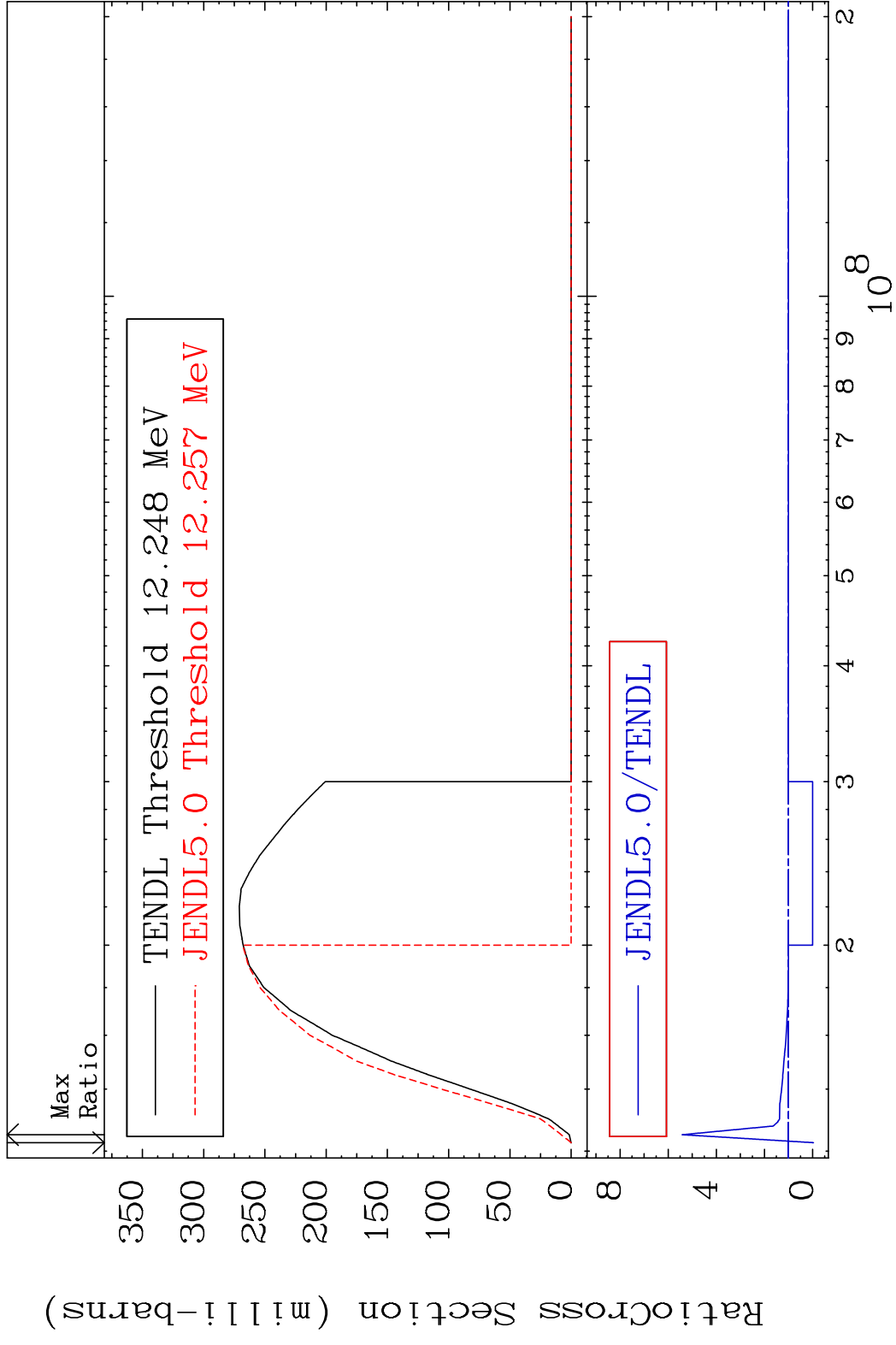
MAT 3425 Dpa disappearance (mt102 -120) 34-Se-74
 Cross Section -100.0 To 9999. %



MAT 3425 (n,2n):34-Se-73g 34-Se-74
 Radionuclide Production Cross Section Ratio 513.4 %



MAT 3425 (n,2n):34-Se-73m1 34-Se-74
 Radionuclide Production Cross Section Ratio 441.0 %

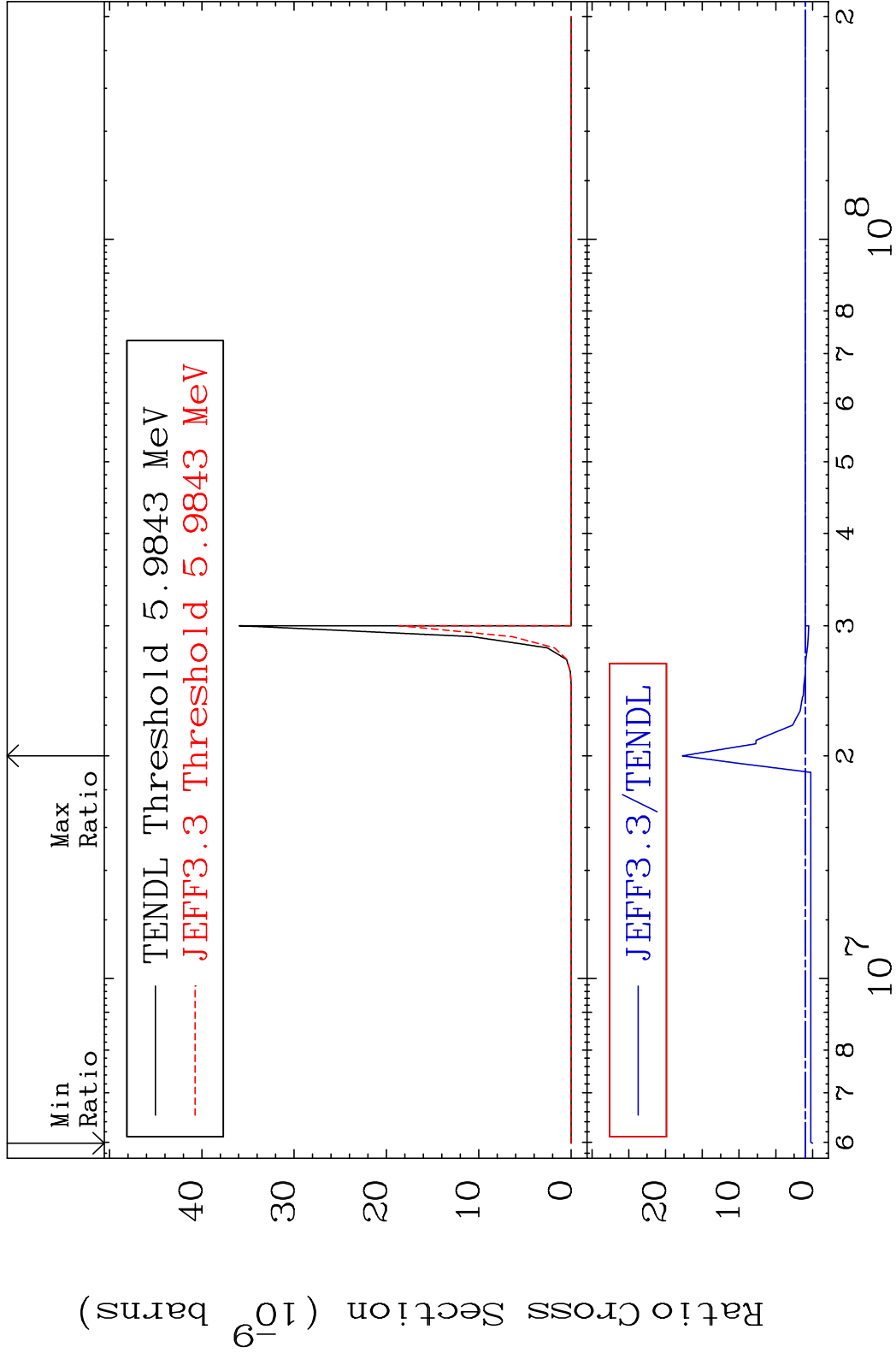


MAT 3425

(n,3α)

34-Se-74

Cross Section -100.0 To 1671. %

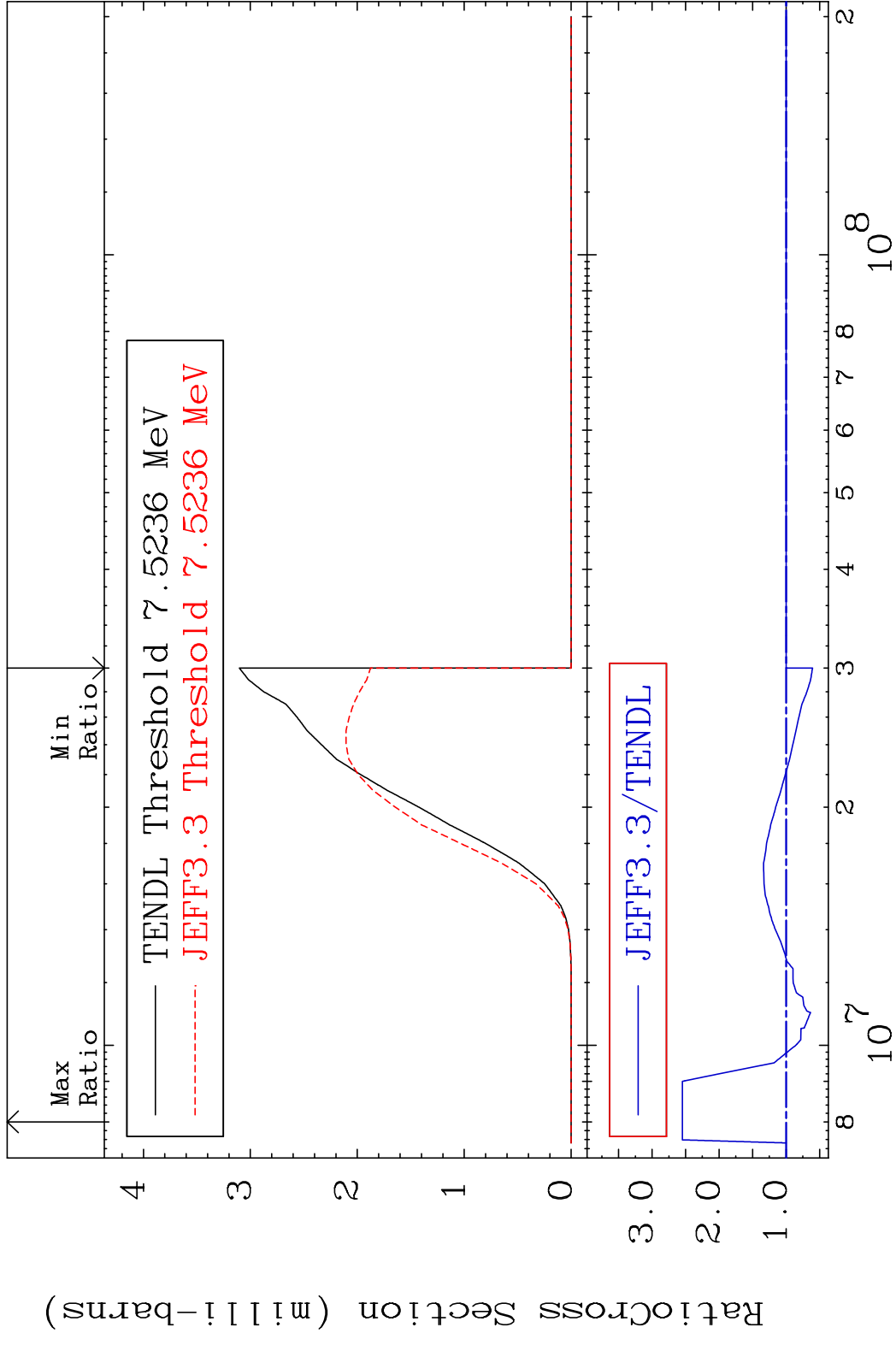


MAT 3425

(n,2p)

³⁴Se-74

Cross Section -39.52 To 154.8 %



58

Incident Energy (eV)

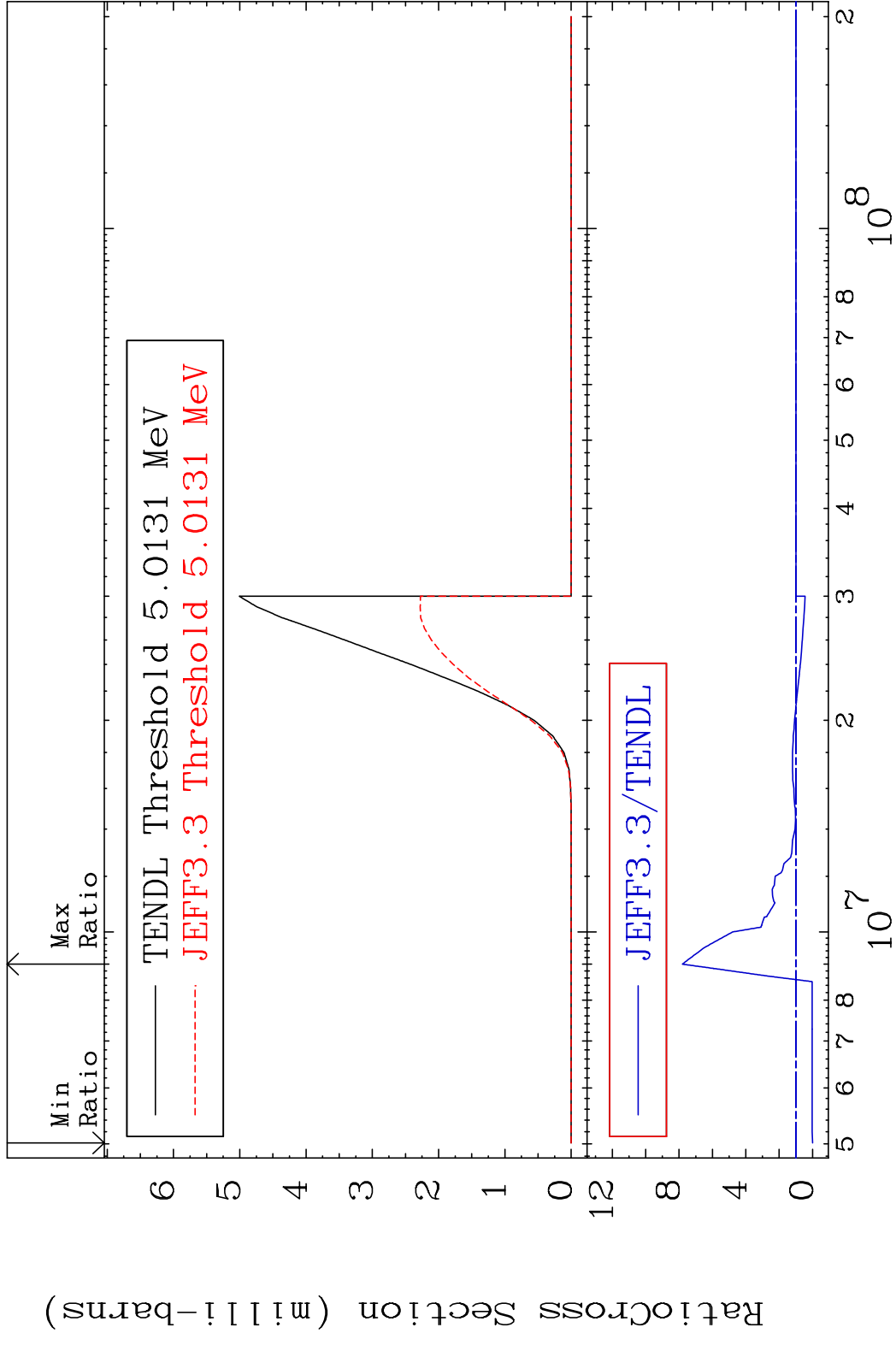
³⁴Se-74

MAT 3425

(n,p) α

³⁴Se-74

Cross Section -100.0 To 680.2 %



59

Incident Energy (eV)

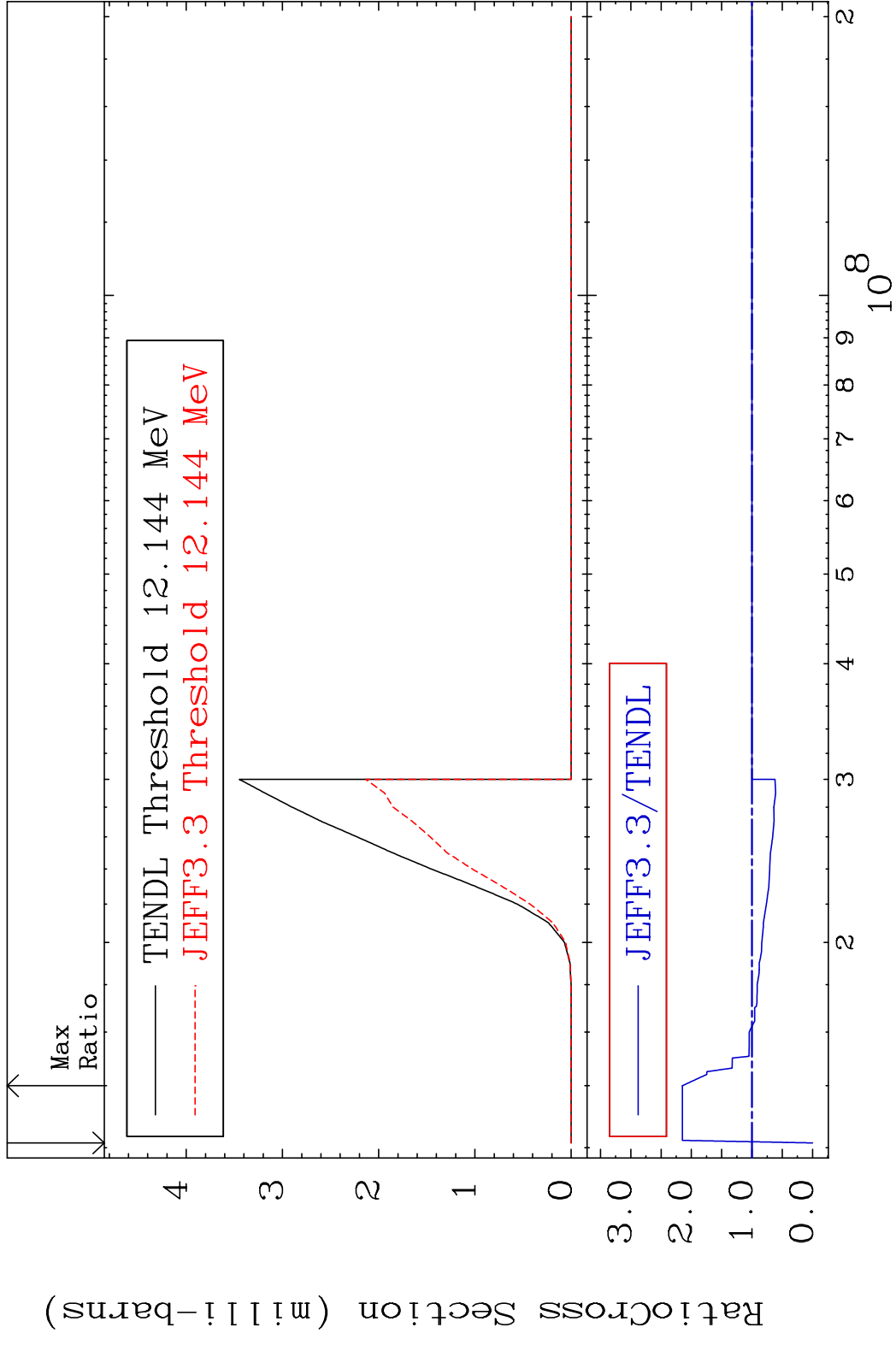
³⁴Se-74

MAT 3425

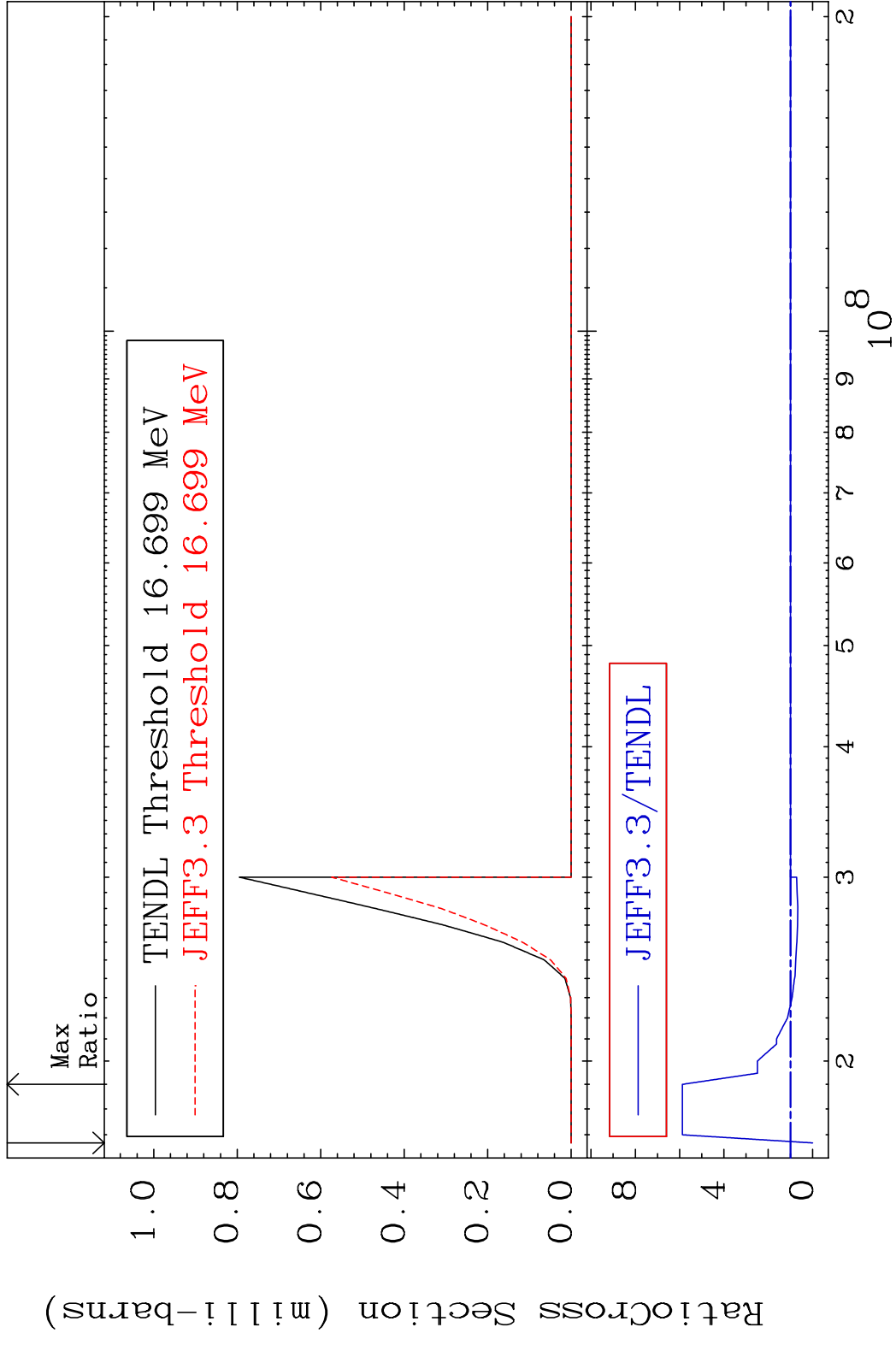
(n,p) d

³⁴Se-74

Cross Section -100.0 To 114.9 %



MAT 3425 (n,p) t 34-Se-74
 Cross Section -100.0 To 487.7 %

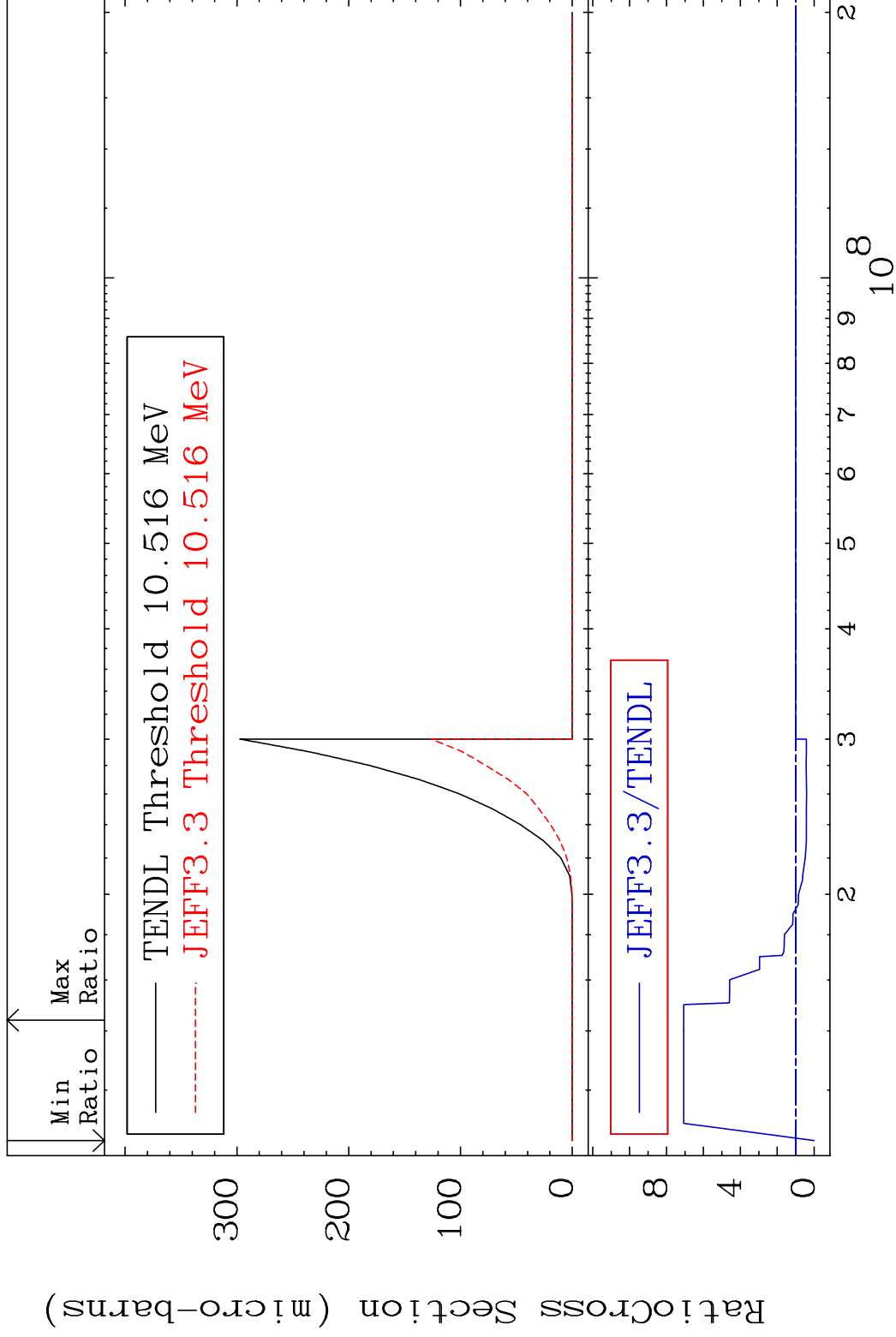


MAT 3425

(n,d) α

³⁴Se-74

Cross Section -100.0 To 607.2 %



62

Incident Energy (eV)

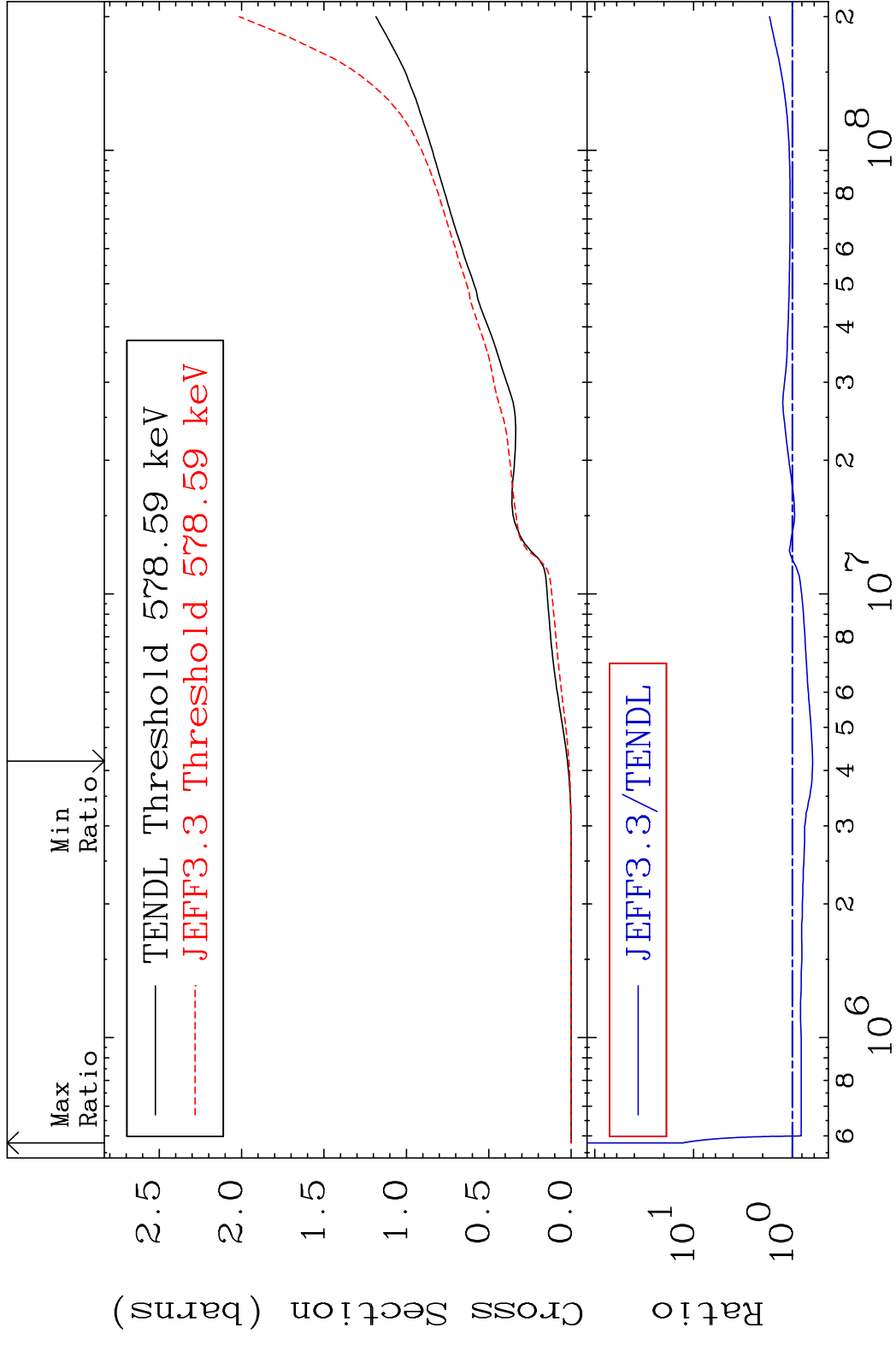
³⁴Se-74

MAT 3425

Hydrogen Production

³⁴Se-74

Cross Section -37.59 To 1201. %

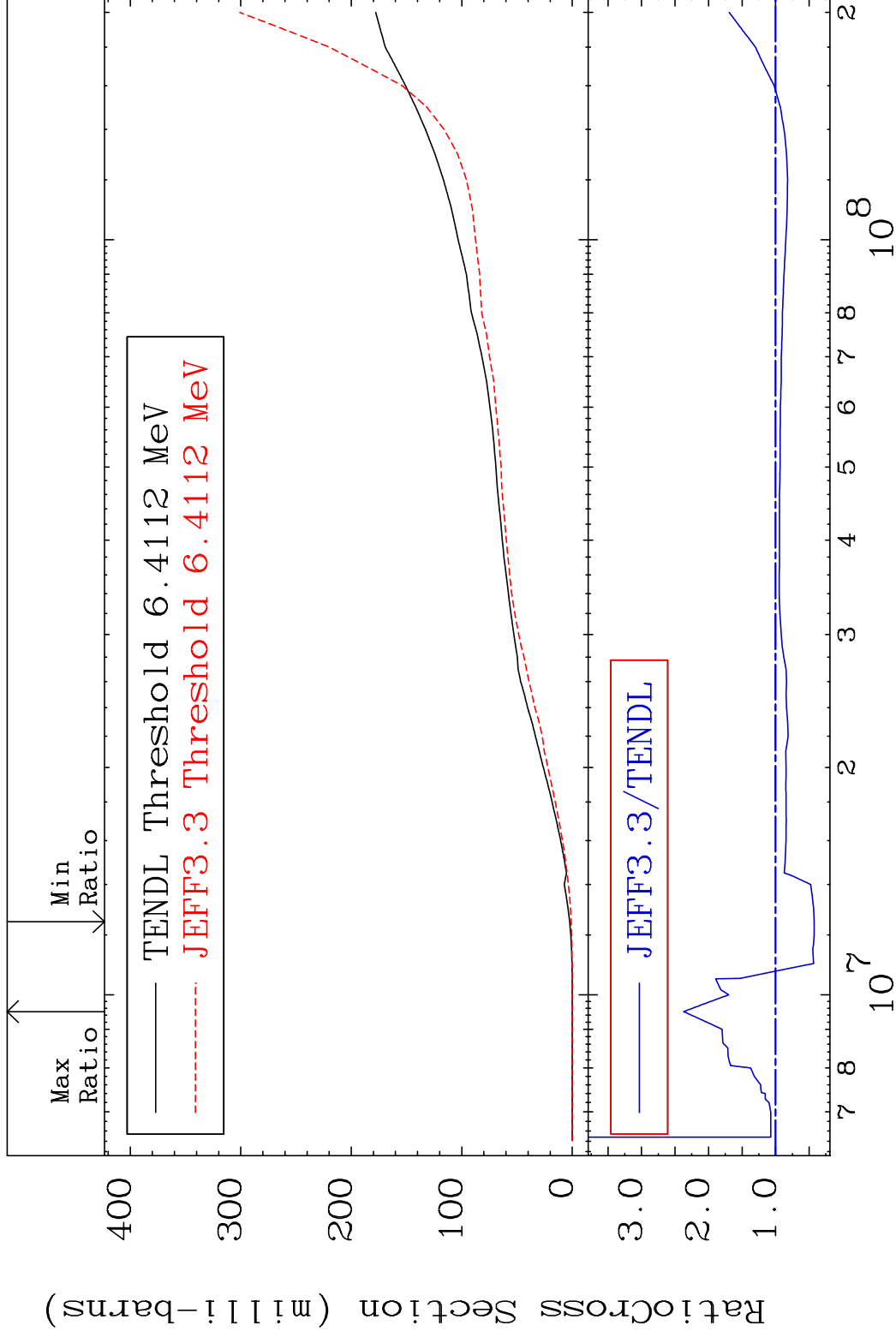


MAT 3425

Deuterium Production

³⁴Se-74

Cross Section -57.42 To 137.1 %

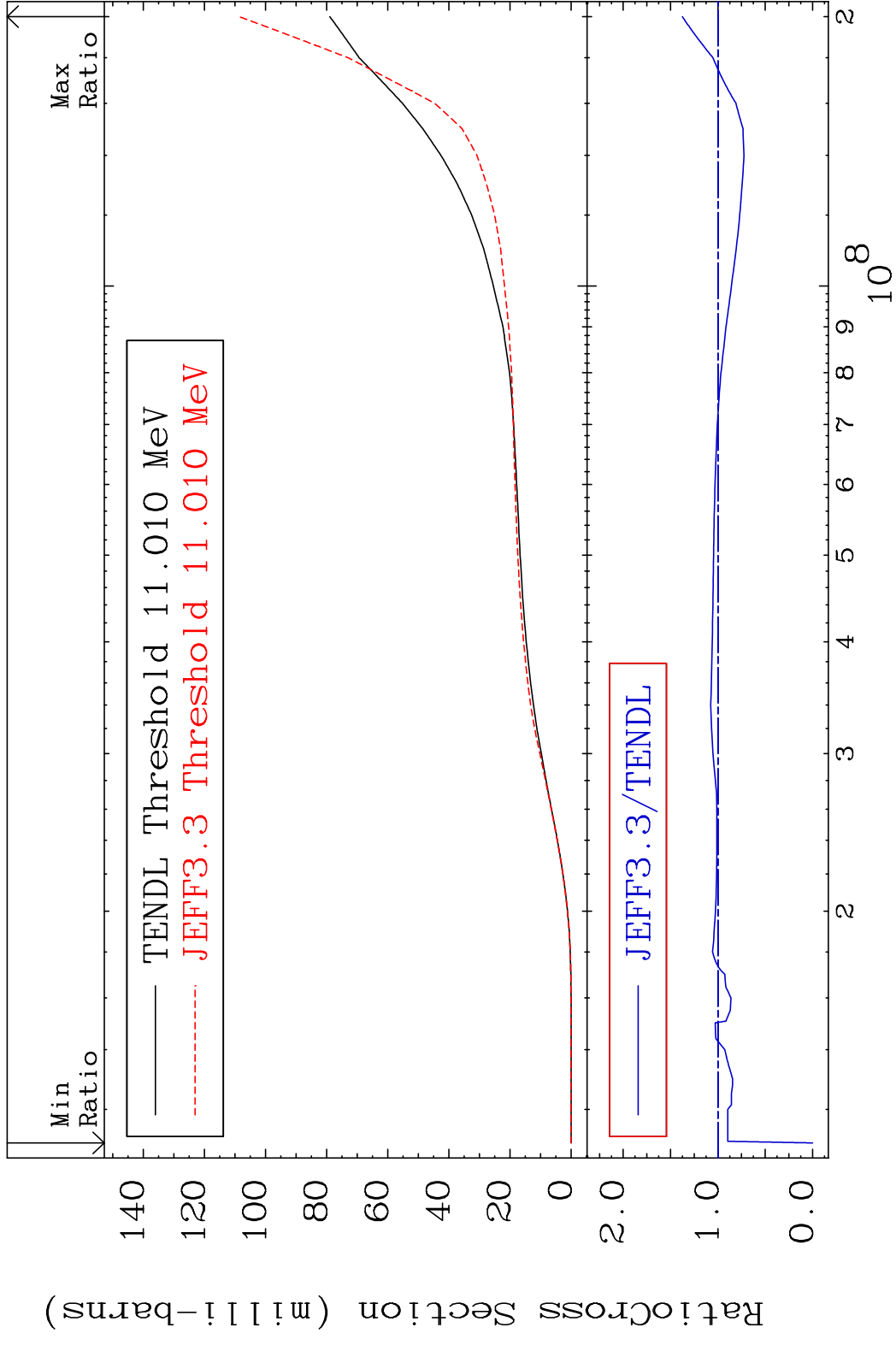


64

Incident Energy (eV)

³⁴Se-74

MAT 3425 Tritium Production 34-Se-74
 Cross Section -100.0 To 37.52 %

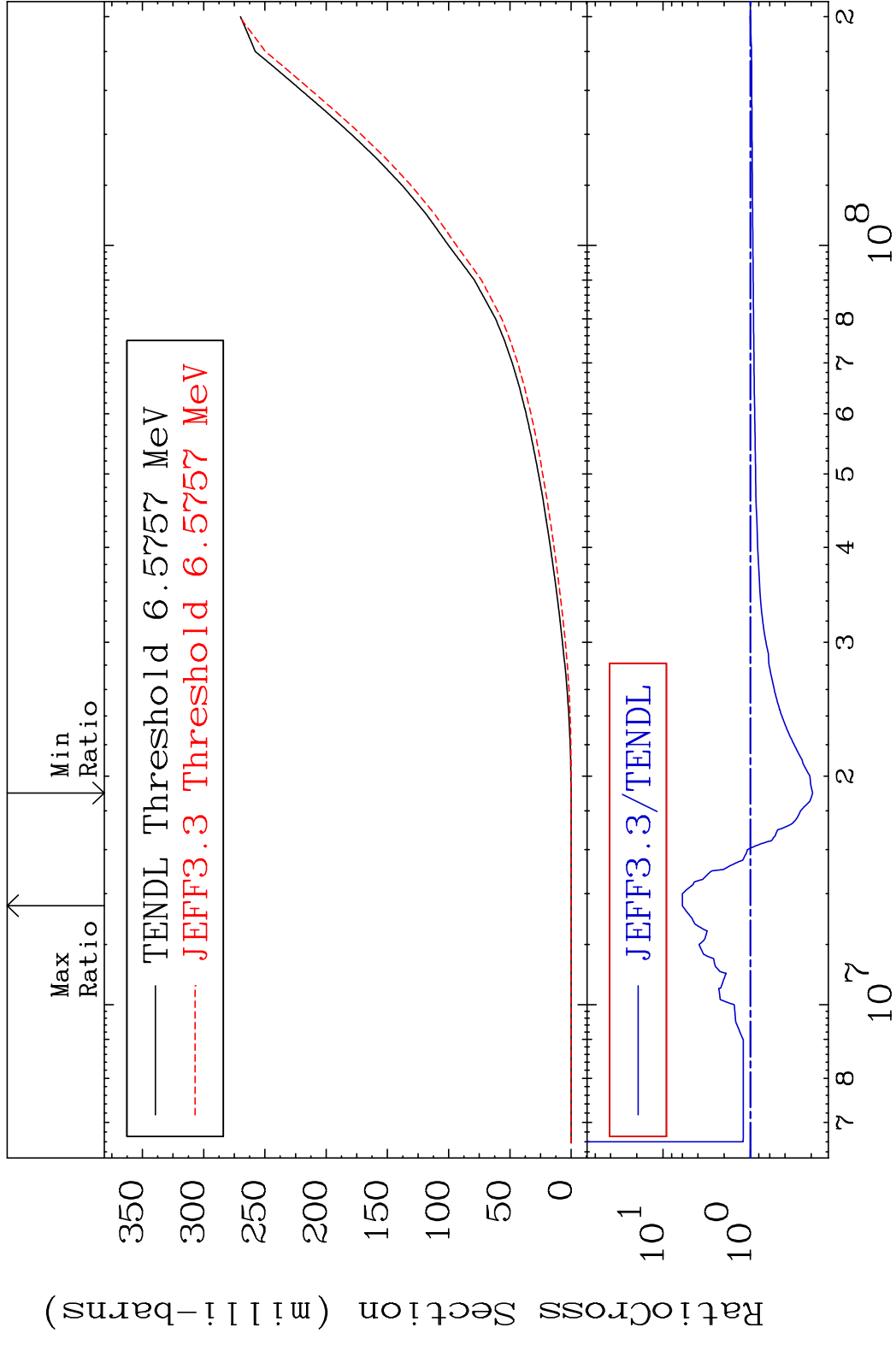


MAT 3425

He-3 Production

³⁴Se-74

Cross Section -80.66 To 501.7 %

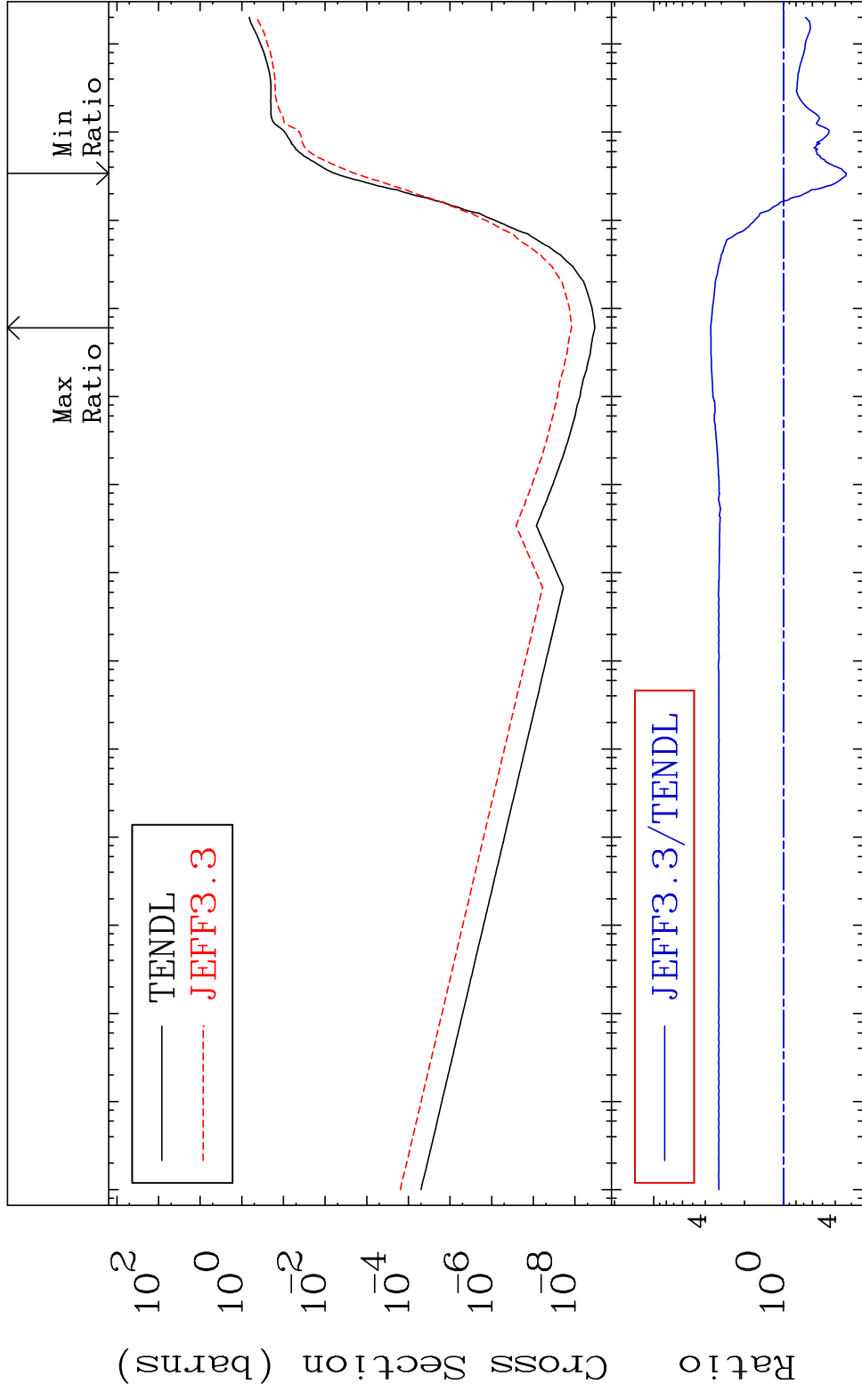


MAT 3425

He-4 Production

34-Se-74

Cross Section -67.18 To 263.5 %

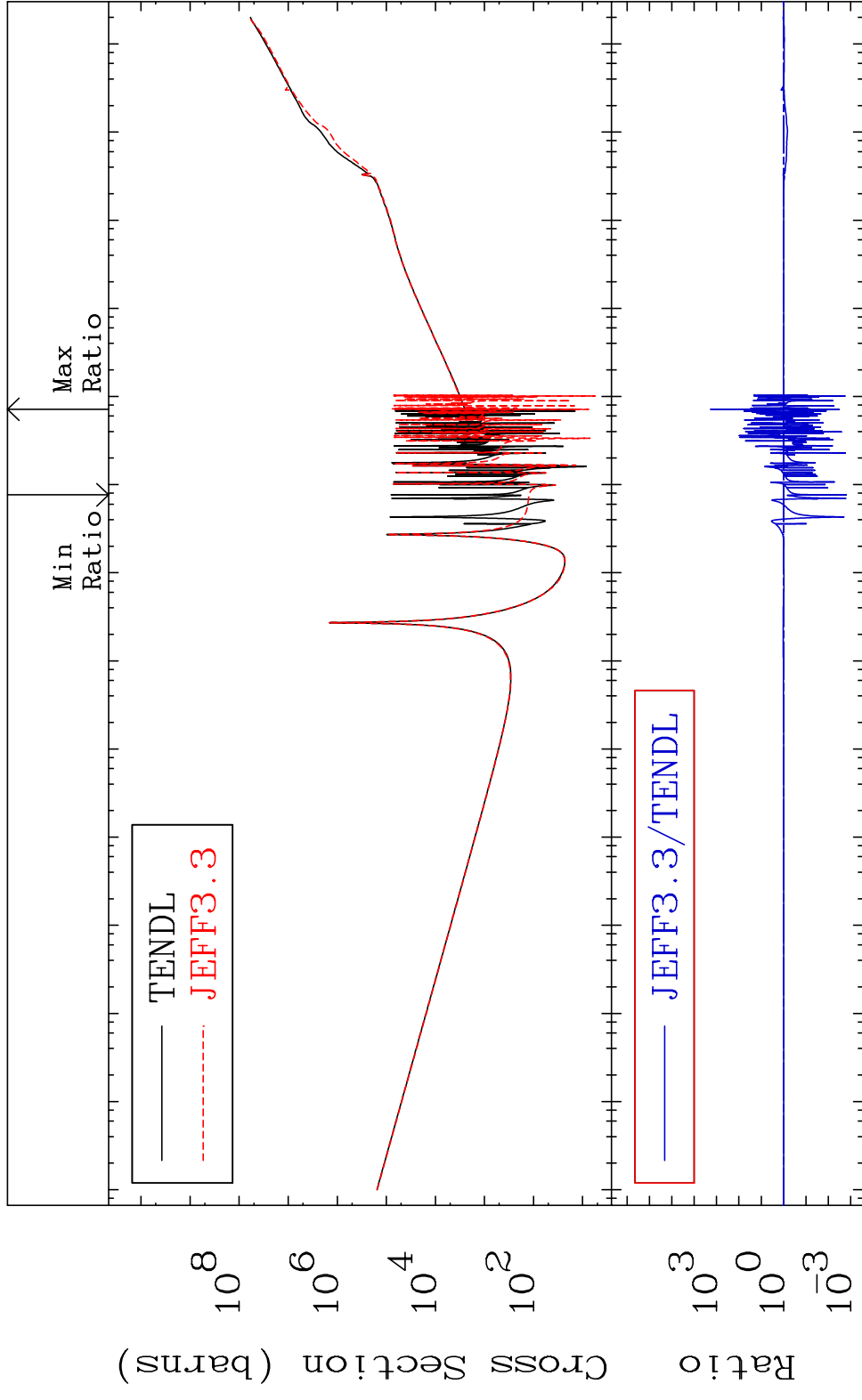


67

Incident Energy (eV)

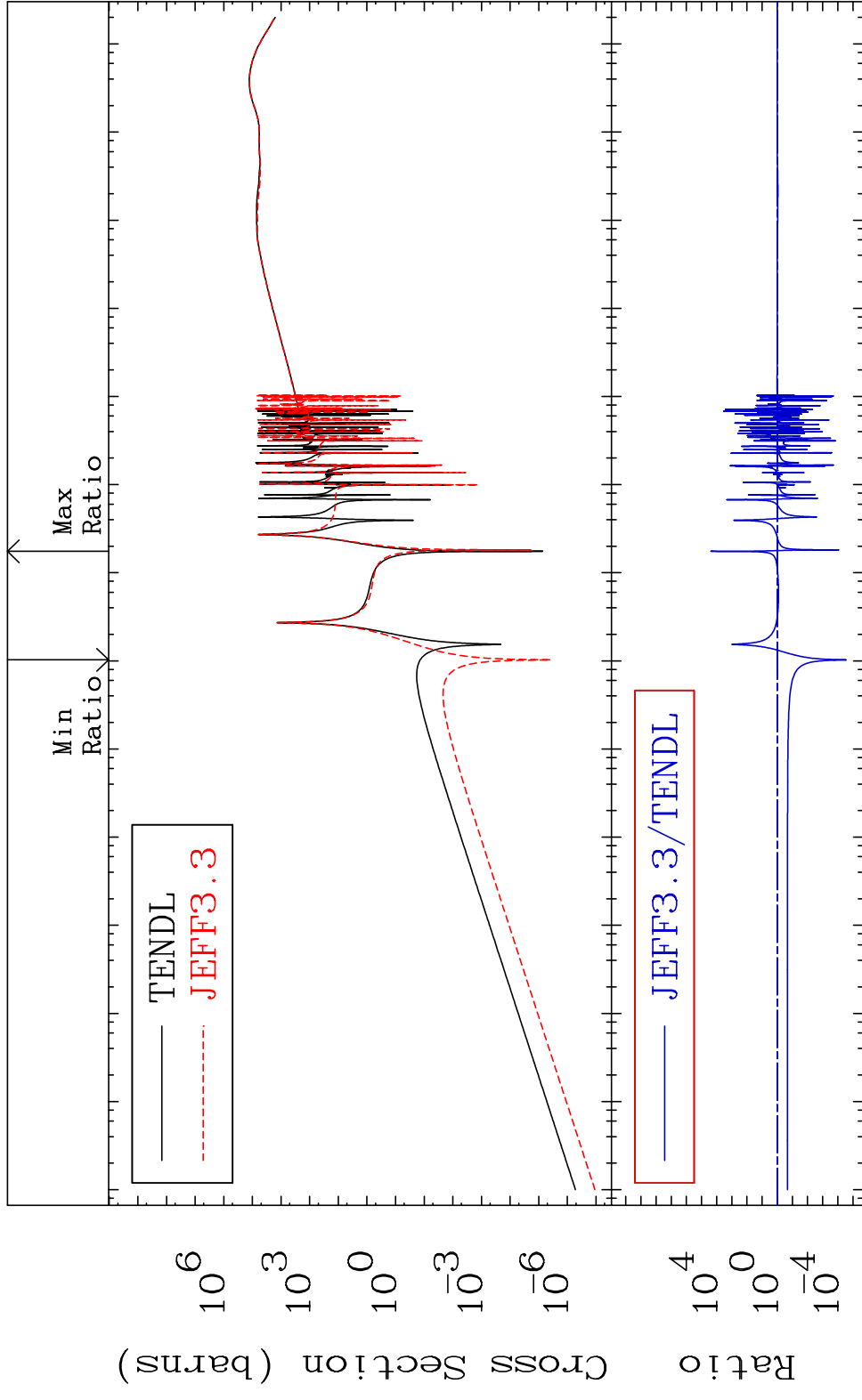
34-Se-74

MAT 3425 Kerma total (eV-barns) 34-Se-74
 Cross Section -99.84 To 9999. %



MAT 3425

Kerma elastic Cross Section -100.0 To 9999. %
34-Se-74

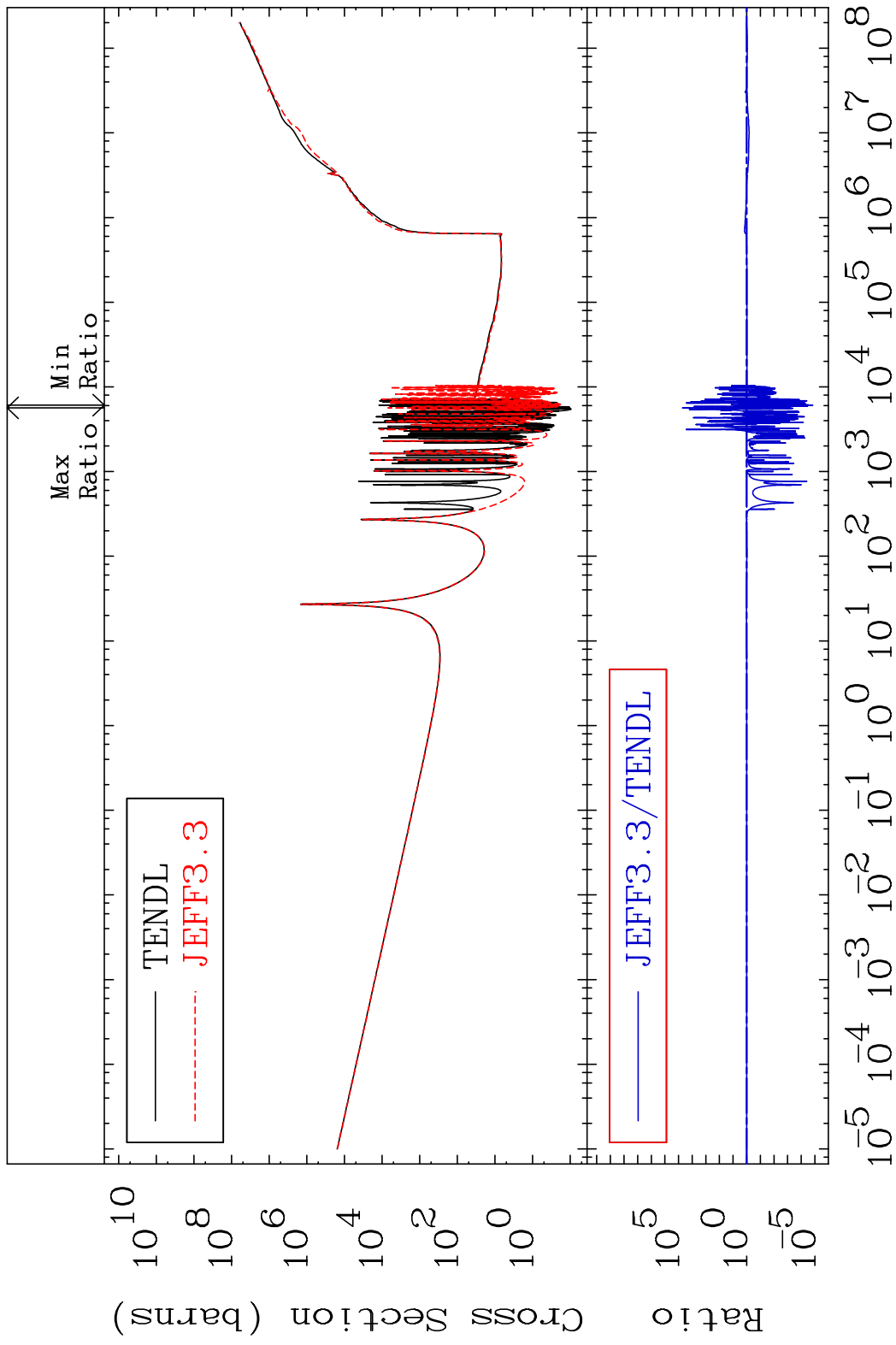


69

Incident Energy (eV)

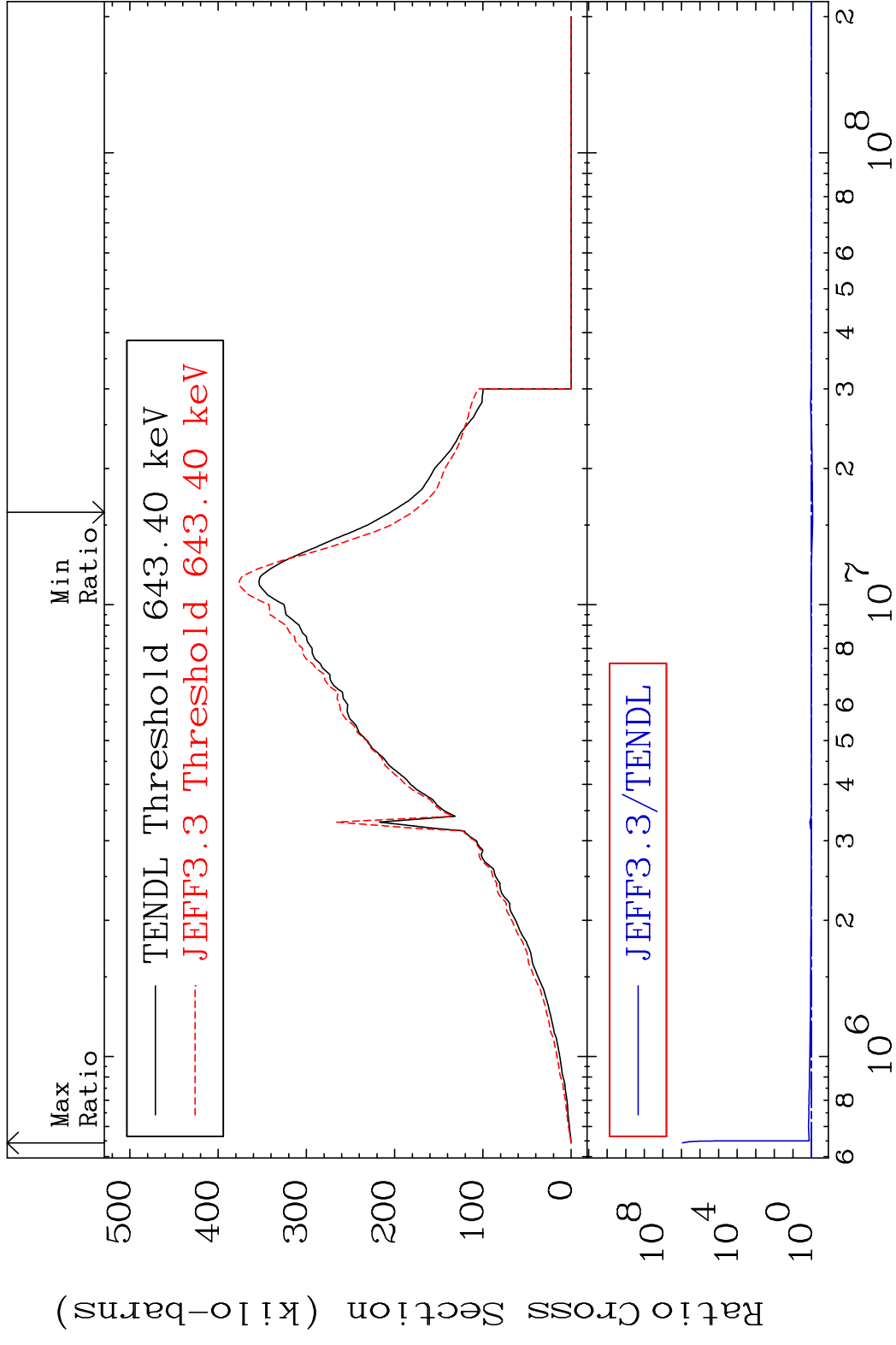
34-Se-74

MAT 3425 Kerma non-elastic (all but mt2) 34-Se-74
 Cross Section -100.0 To 9999. %

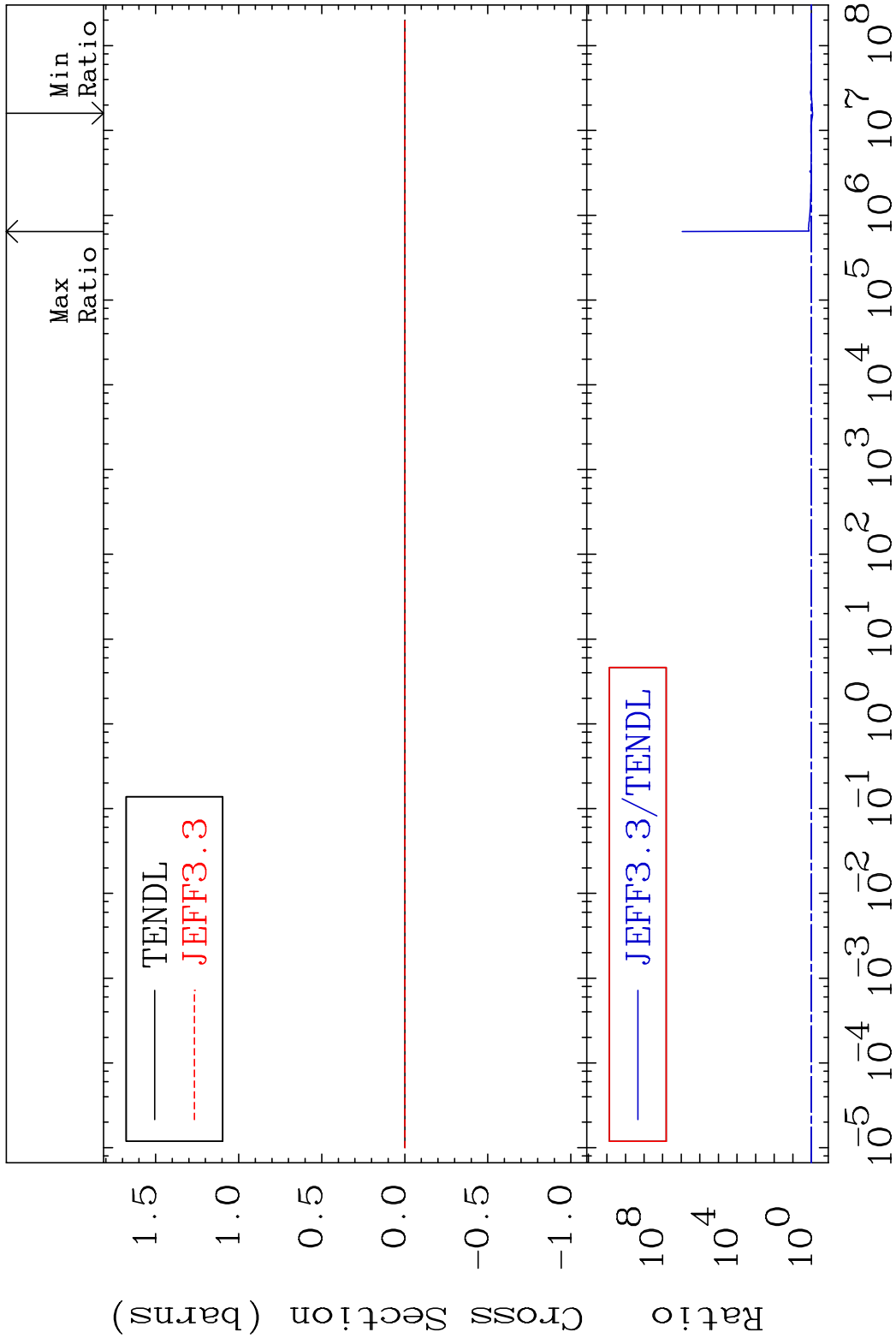


70 Incident Energy (eV) 34-Se-74

MAT 3425 Kerma inelastic (mt51-91) 34-Se-74
 Cross Section -12.12 To 9999. %

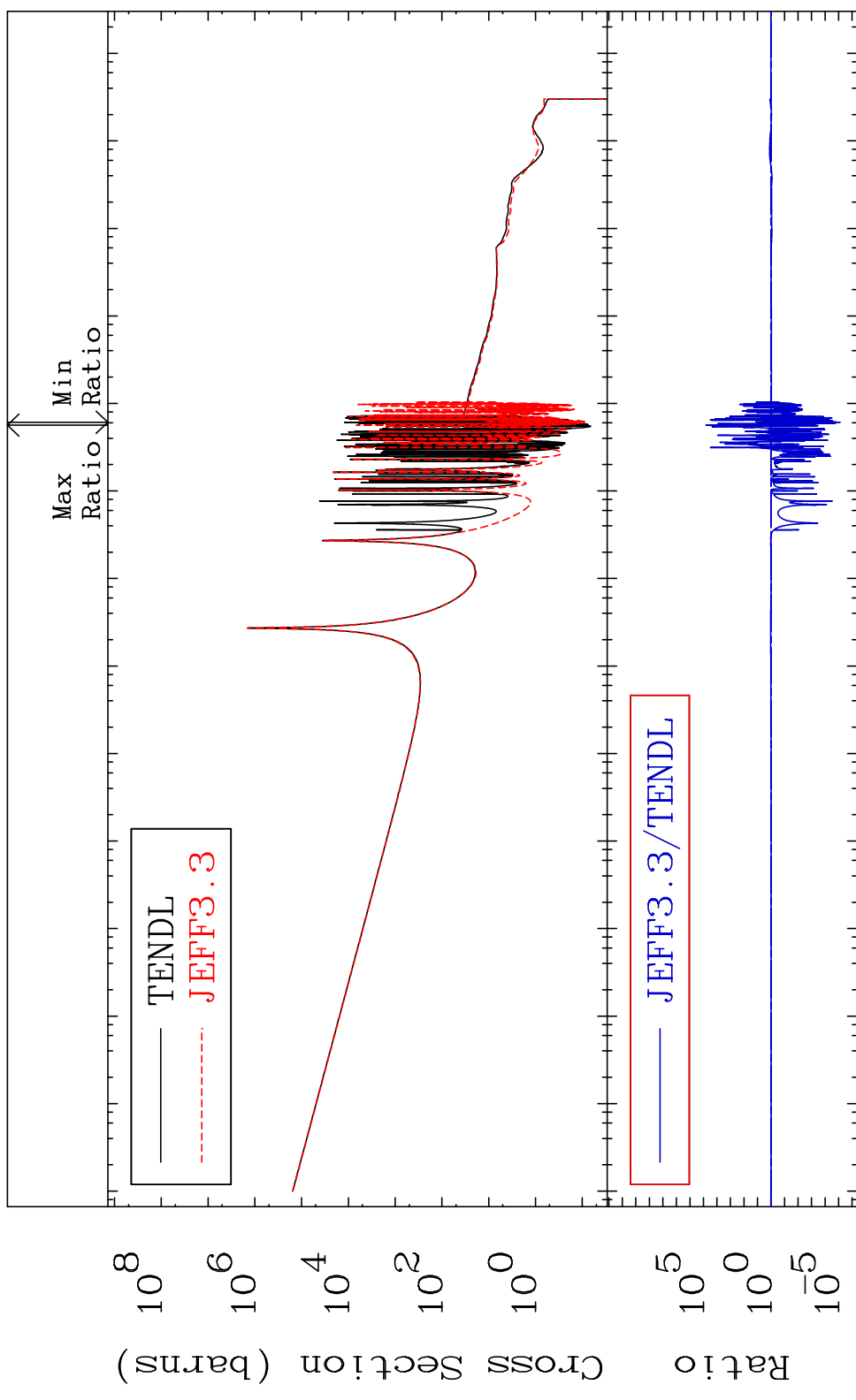


MAT 3425 Kerma fission (mt18 or mt19-20-21-38) 34-Se-74
 Cross Section -12.12 To 9999. %



MAT 3425

Kerma capture (mt102) 34-Se-74
Cross Section -100.0 To 9999. %



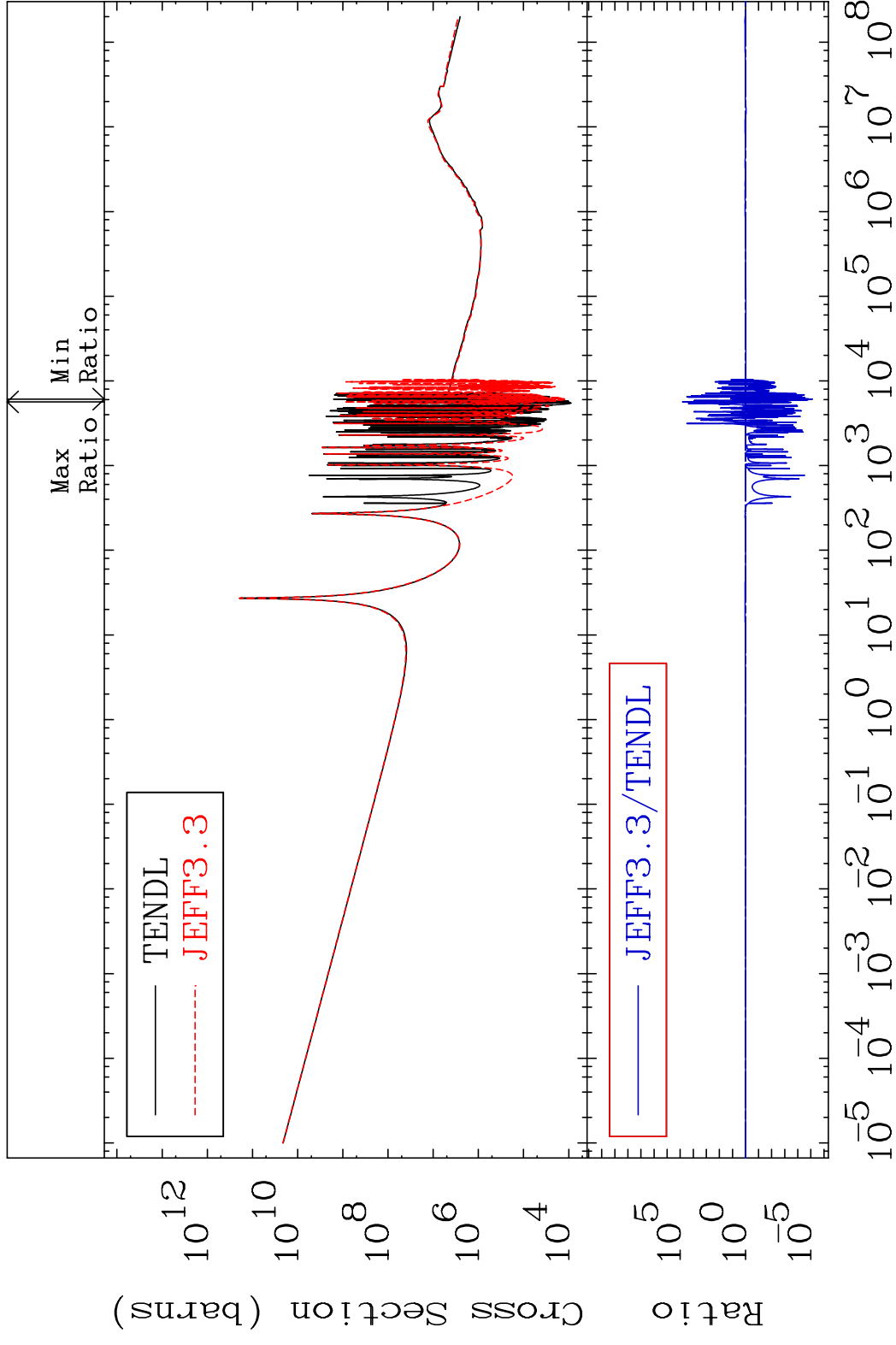
73

Incident Energy (eV)

34-Se-74

MAT 3425

Total photon (eV-barns) 34-Se-74
Cross Section -100.0 To 9999. %

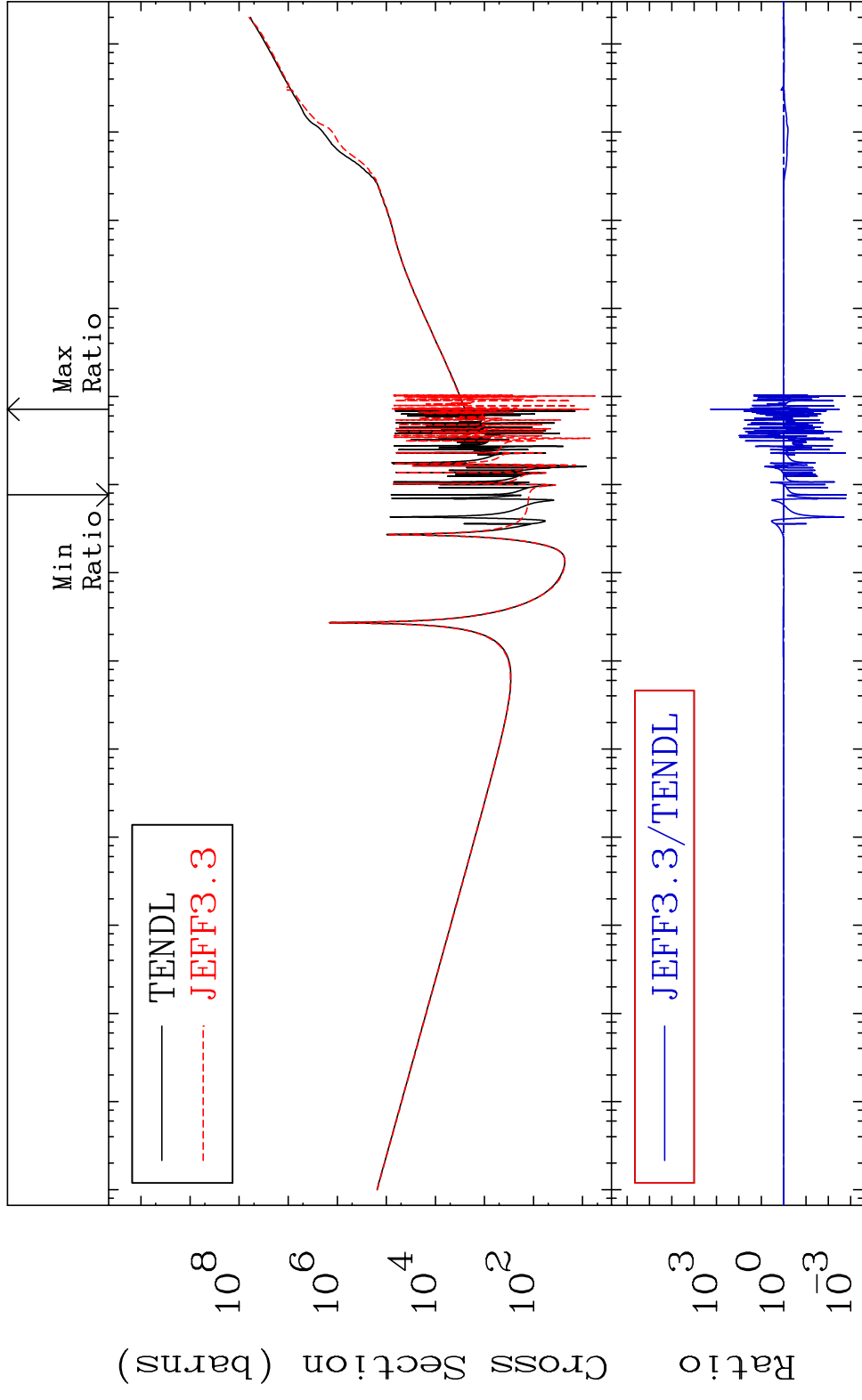


74

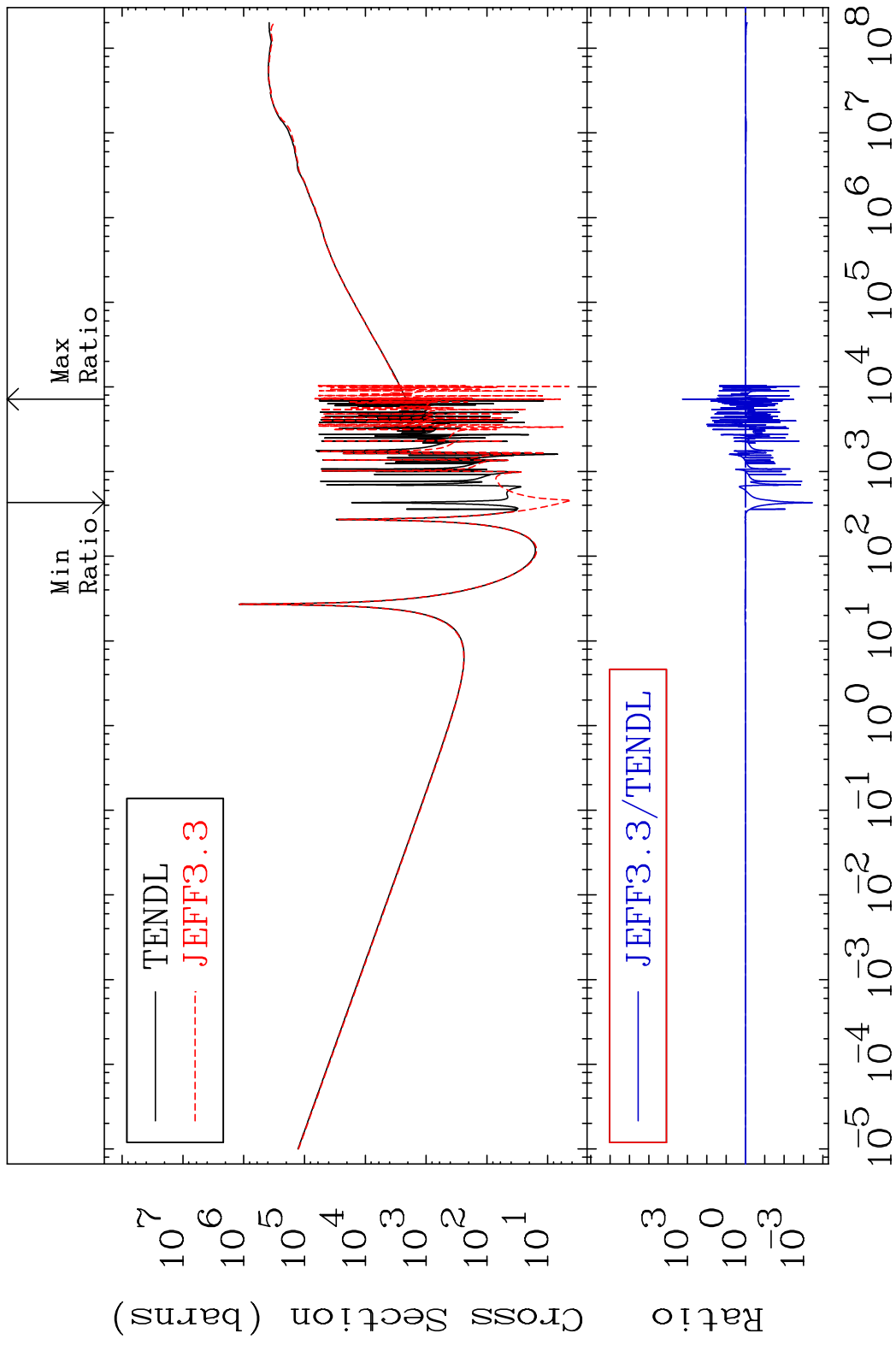
Incident Energy (eV)

34-Se-74

MAT 3425 Total kinematic kerma (high limit) 34-Se-74
 Cross Section -99.84 To 9999. %



MAT 3425 Dpa total (eV-barns) 34-Se-74
 Cross Section -99.97 To 9999. %

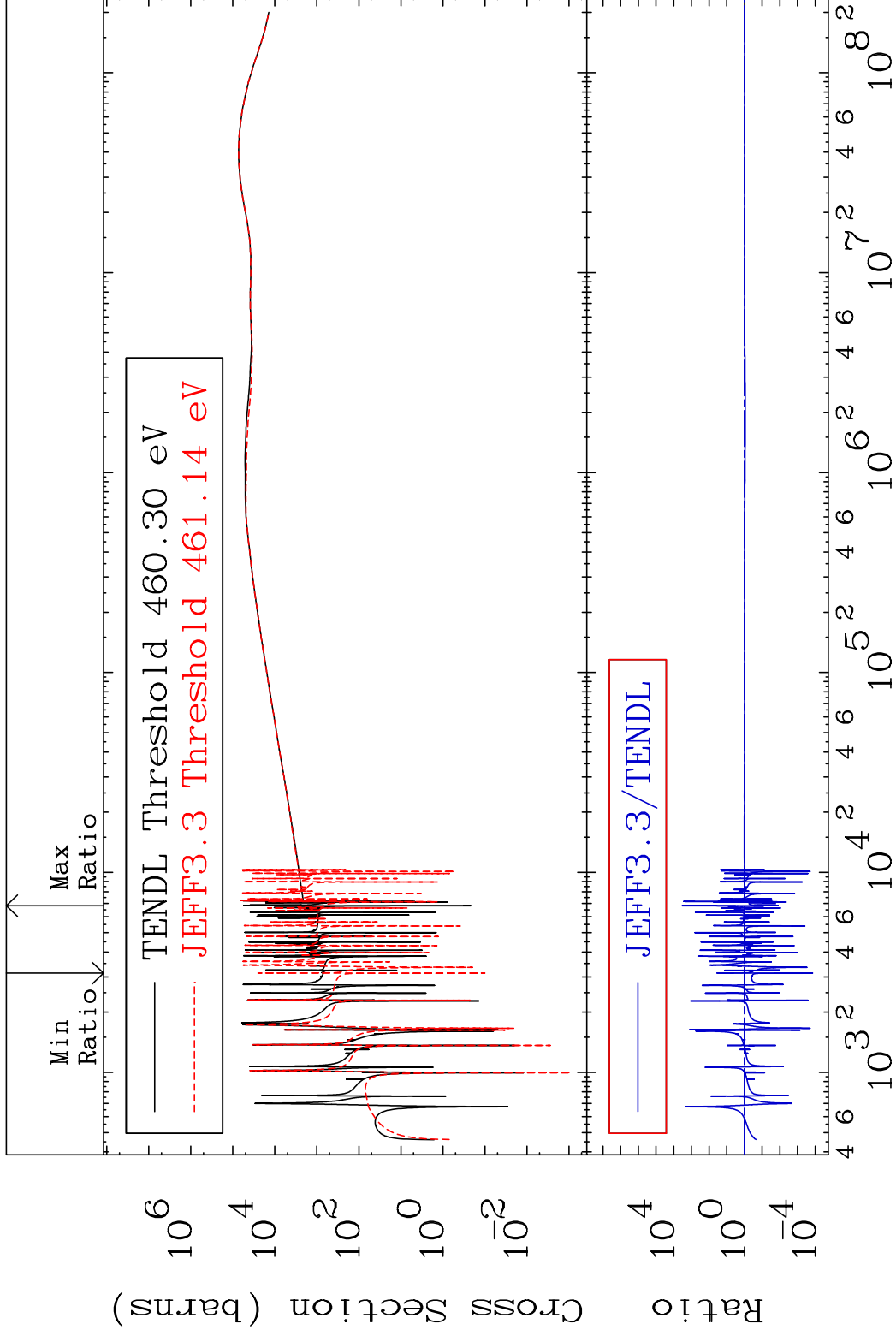


MAT 3425

Dpa elastic (mt2)

34-Se-74

Cross Section -99.99 To 9999. %

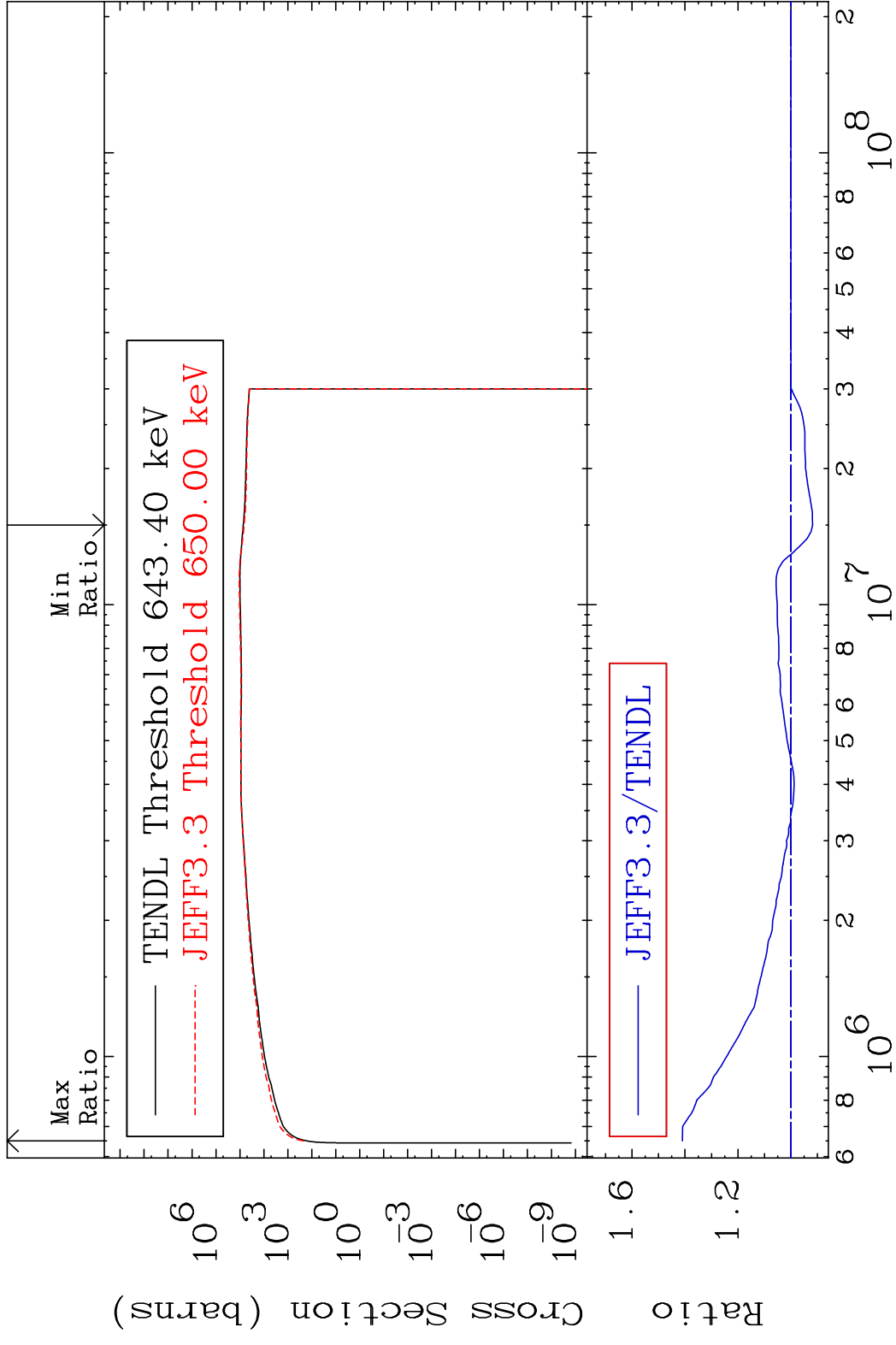


77

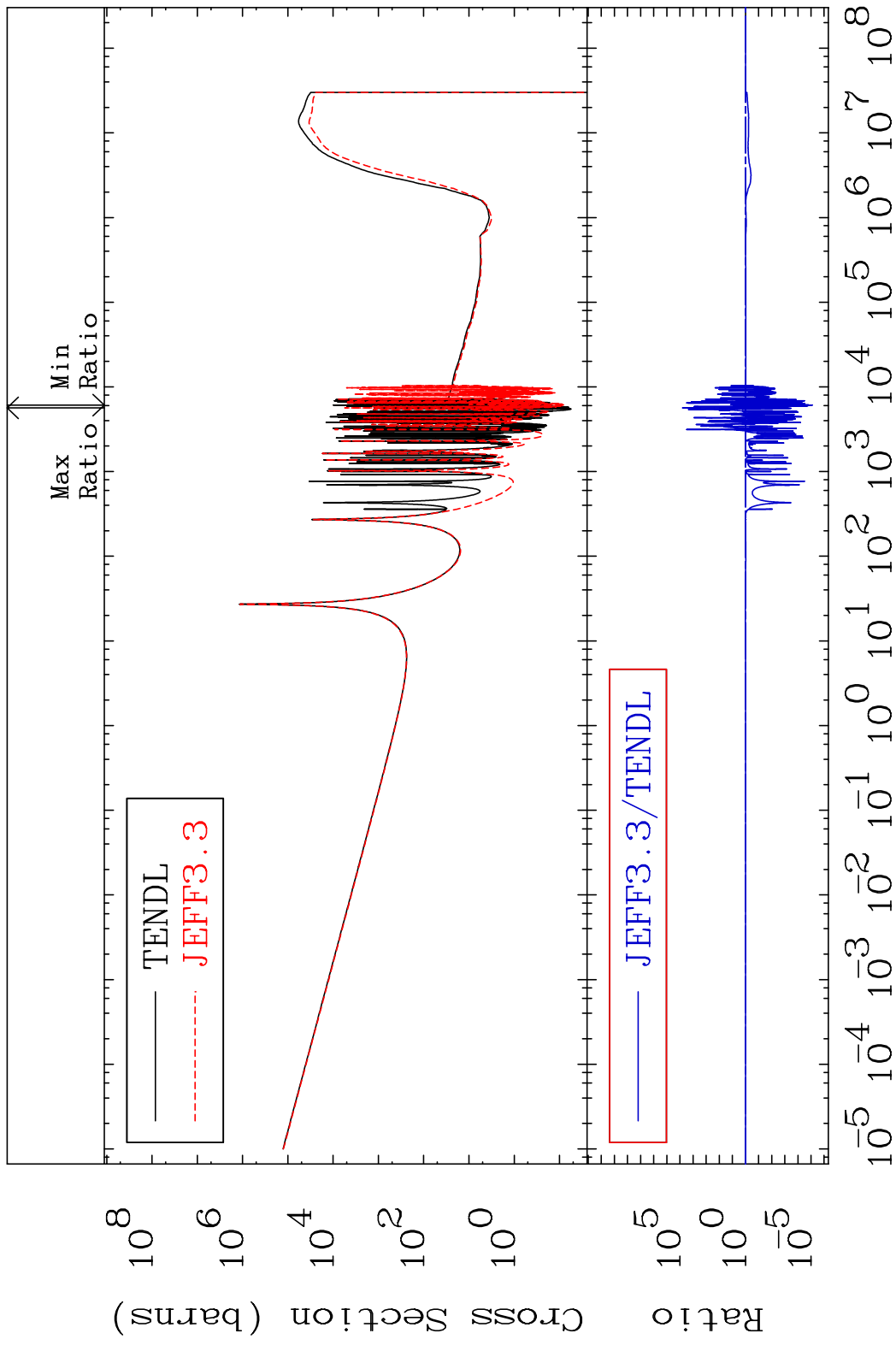
Incident Energy (eV)

34-Se-74

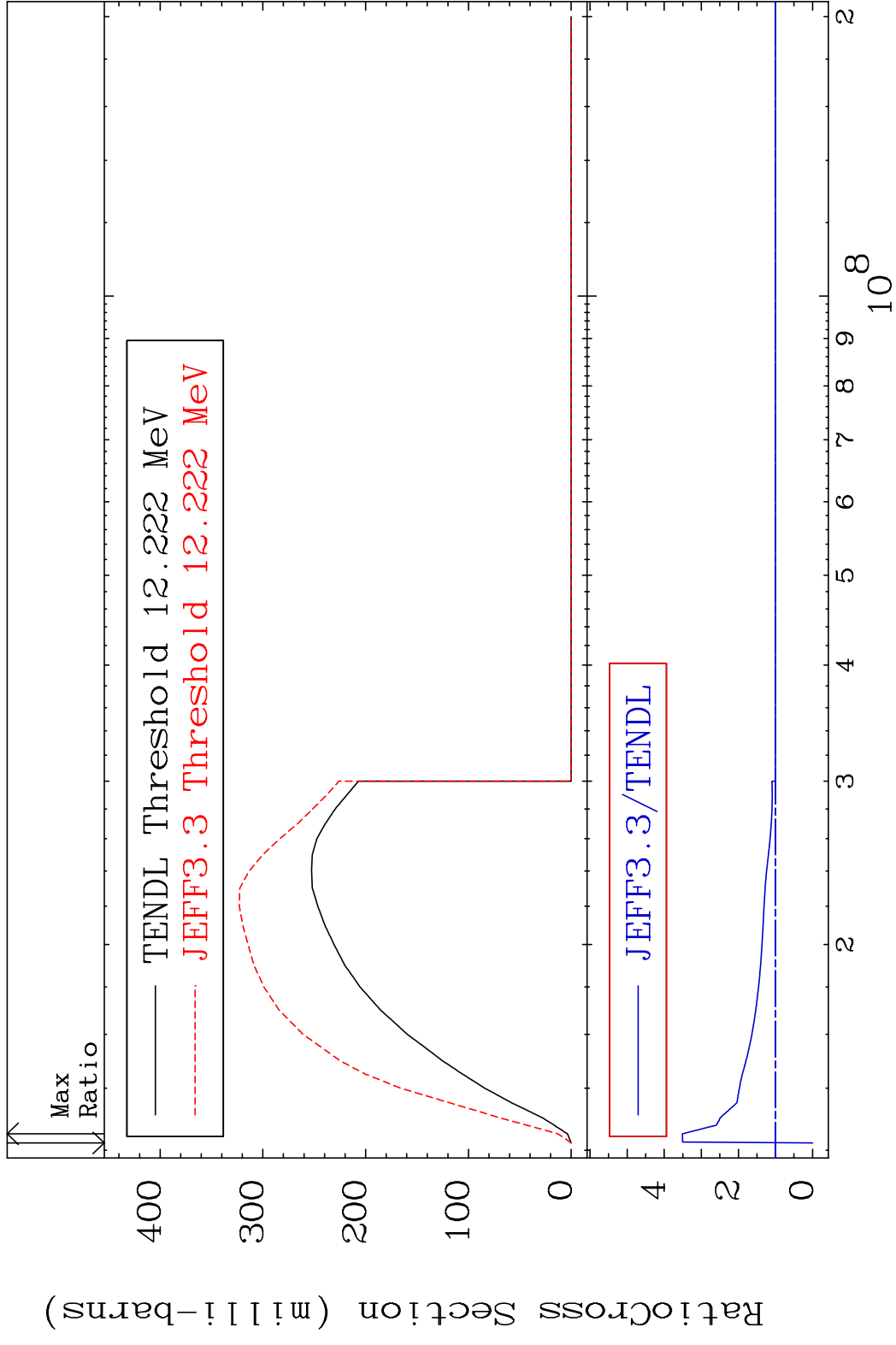
MAT 3425 Dpa inelastic (mt51-91) 34-Se-74
 Cross Section -8.141 To 41.00 %



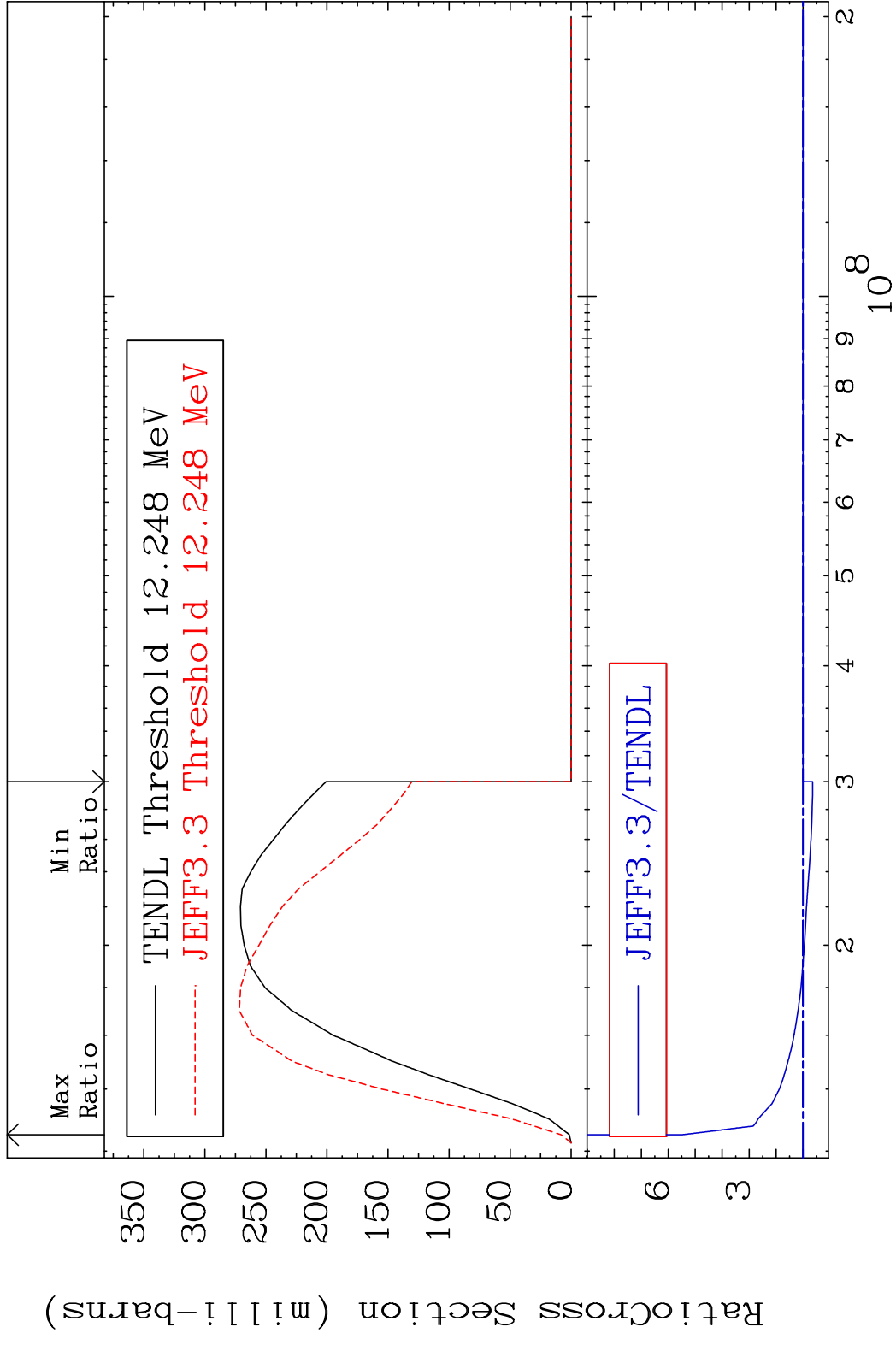
MAT 3425 Dpa disappearance (mt102 -120) 34-Se-74
 Cross Section -100.0 To 9999. %



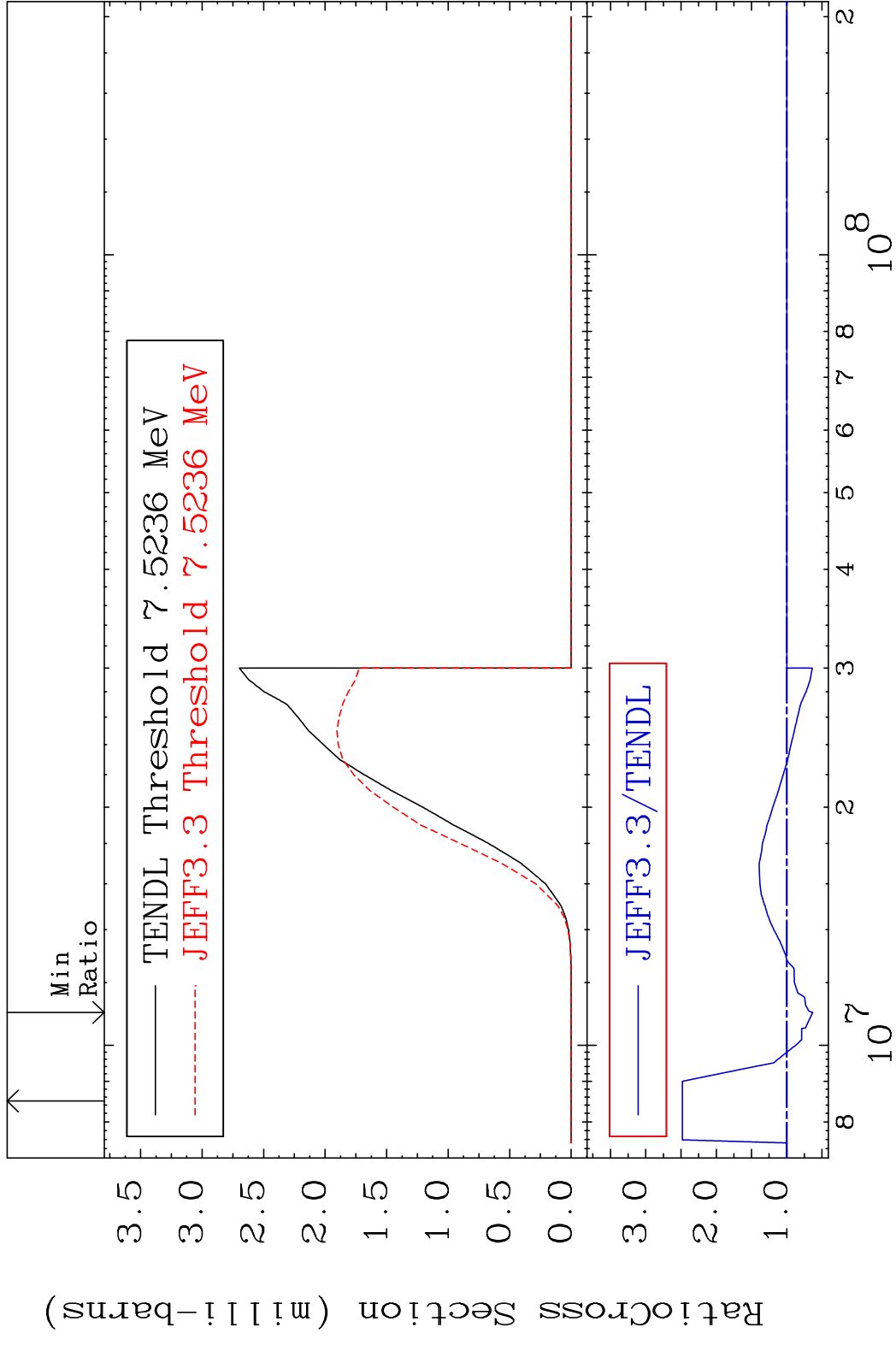
MAT 3425 (n,2n):34-Se-73g 34-Se-74
 Radionuclide Production Cross Section 180.01 dth 251.1 %



MAT 3425 (n,2n):34-Se-73m1 34-Se-74
 Radionuclide Production Cross Section 447.6 %



MAT 3425 (n,2p):32-Ge-73g 34-Se-74
 Radionuclide Production Cross Section 36.5 b to 148.1 %



MAT 3425 (n,2p):32-Ge-73m2 34-Se-74
 Radionuclide Production Cross Section 65691 d10 238.7 %

