

Program Complot
(Version 2021-1)

by

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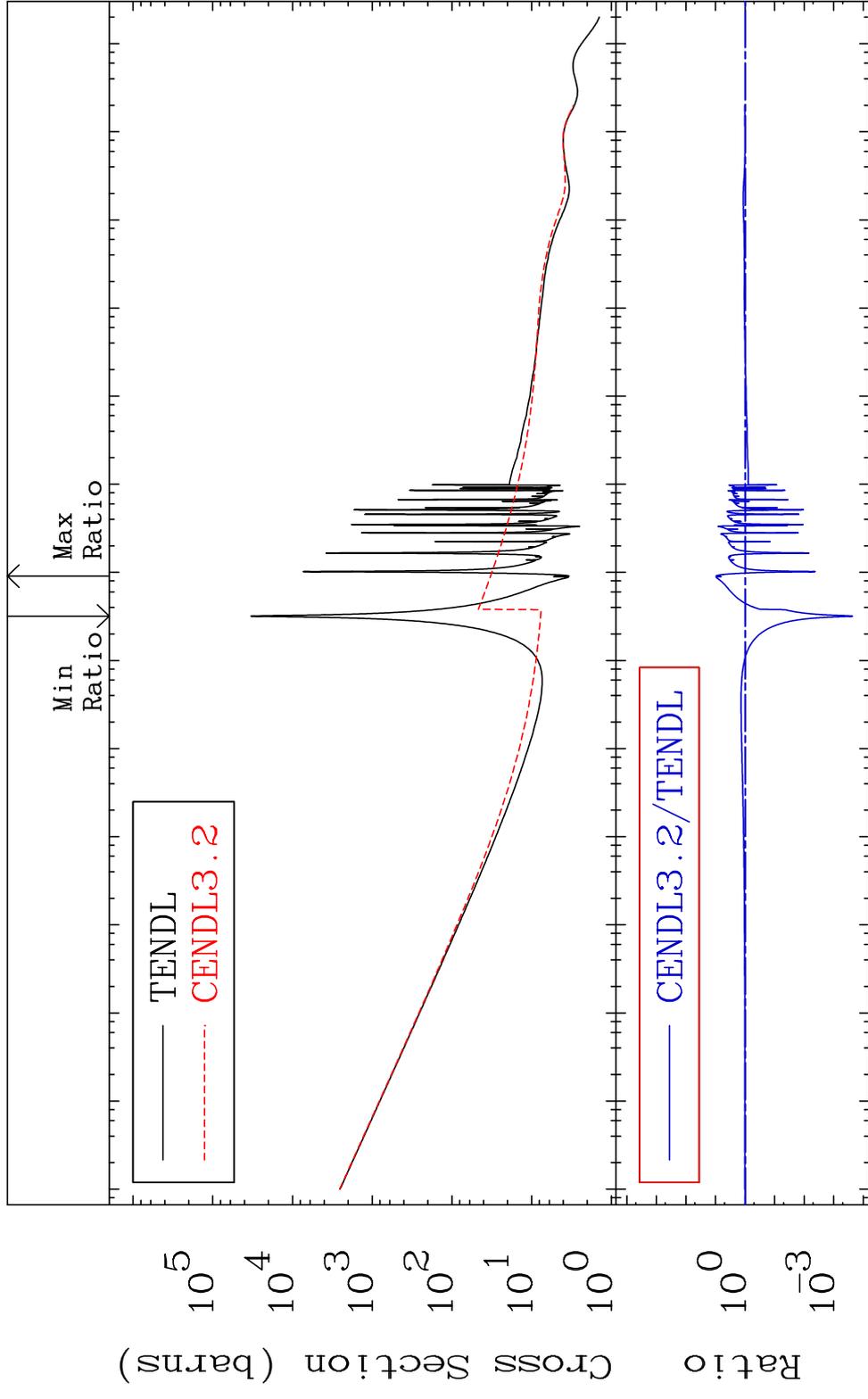
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3440

Total Cross Section -99.98 To 872.3 %

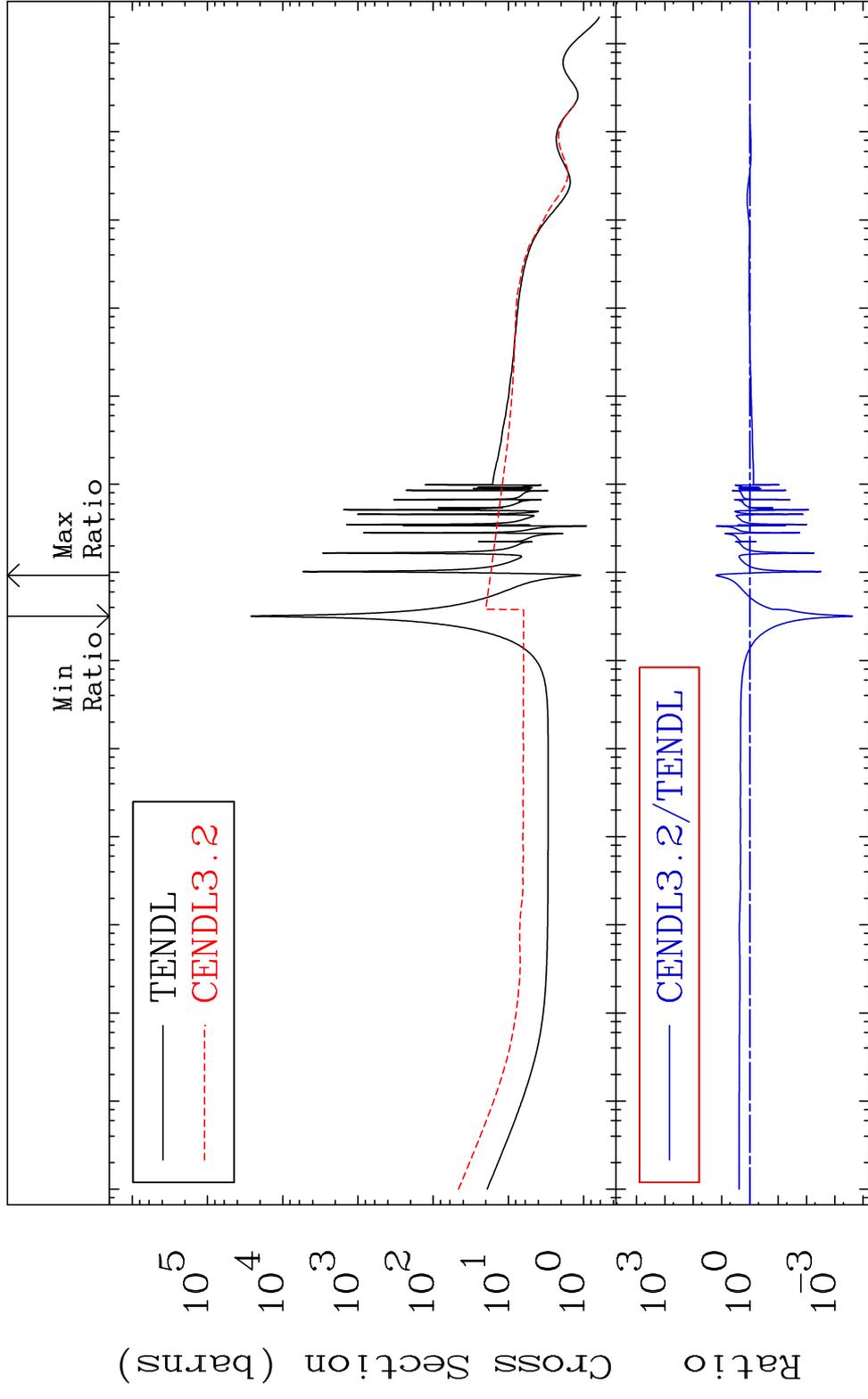
34-Se-79



1 Incident Energy (eV) 34-Se-79

MAT 3440

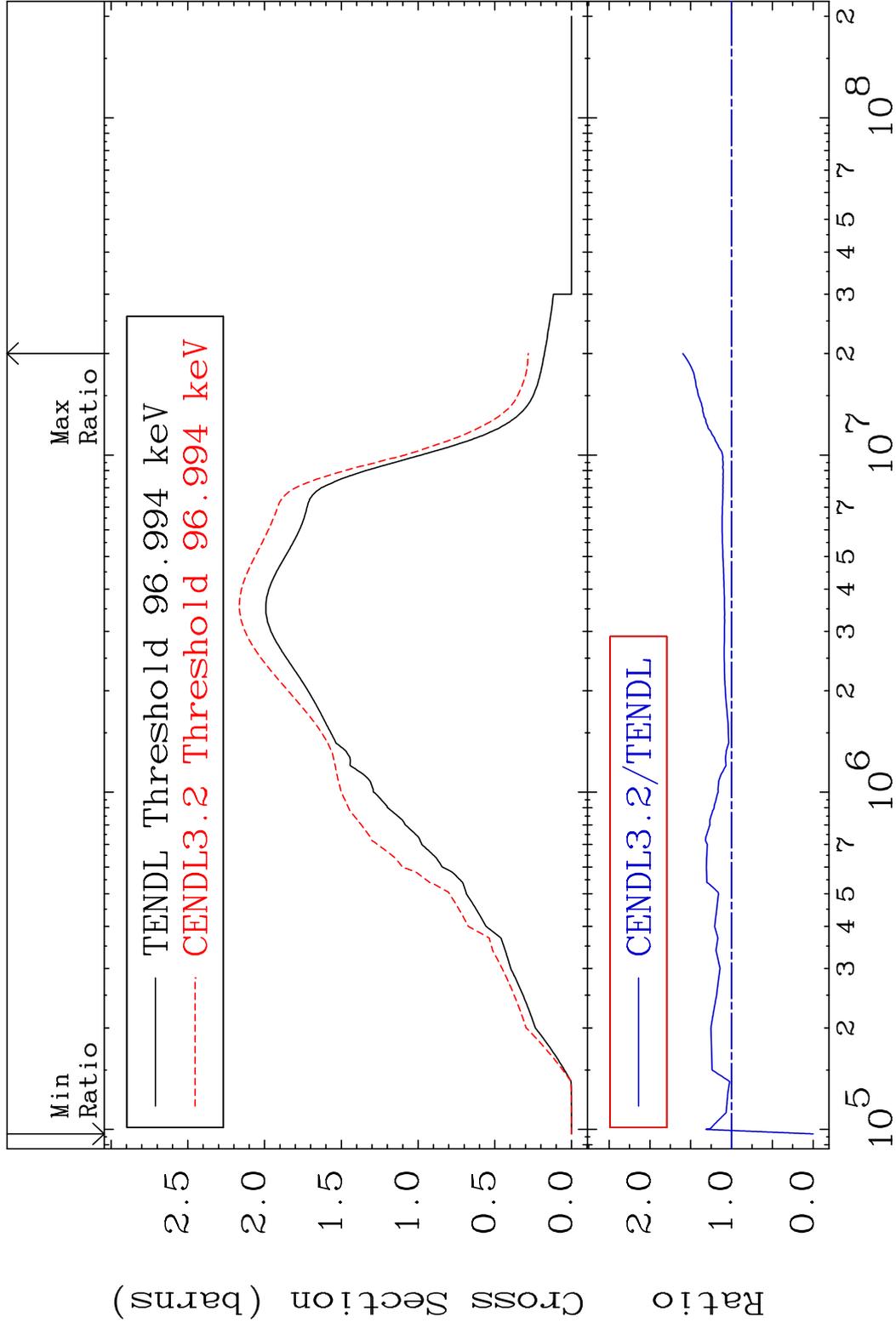
Elastic Cross Section -99.98 To 1485. %
34-Se-79



Ratio
Cross Section (barns)
10⁵
10⁴
10³
10²
10¹
10⁰
10⁻³
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2 Incident Energy (eV) 34-Se-79

MAT 3440 Inelastic Cross Section -100.0 To 59.64 % 34-Se-79



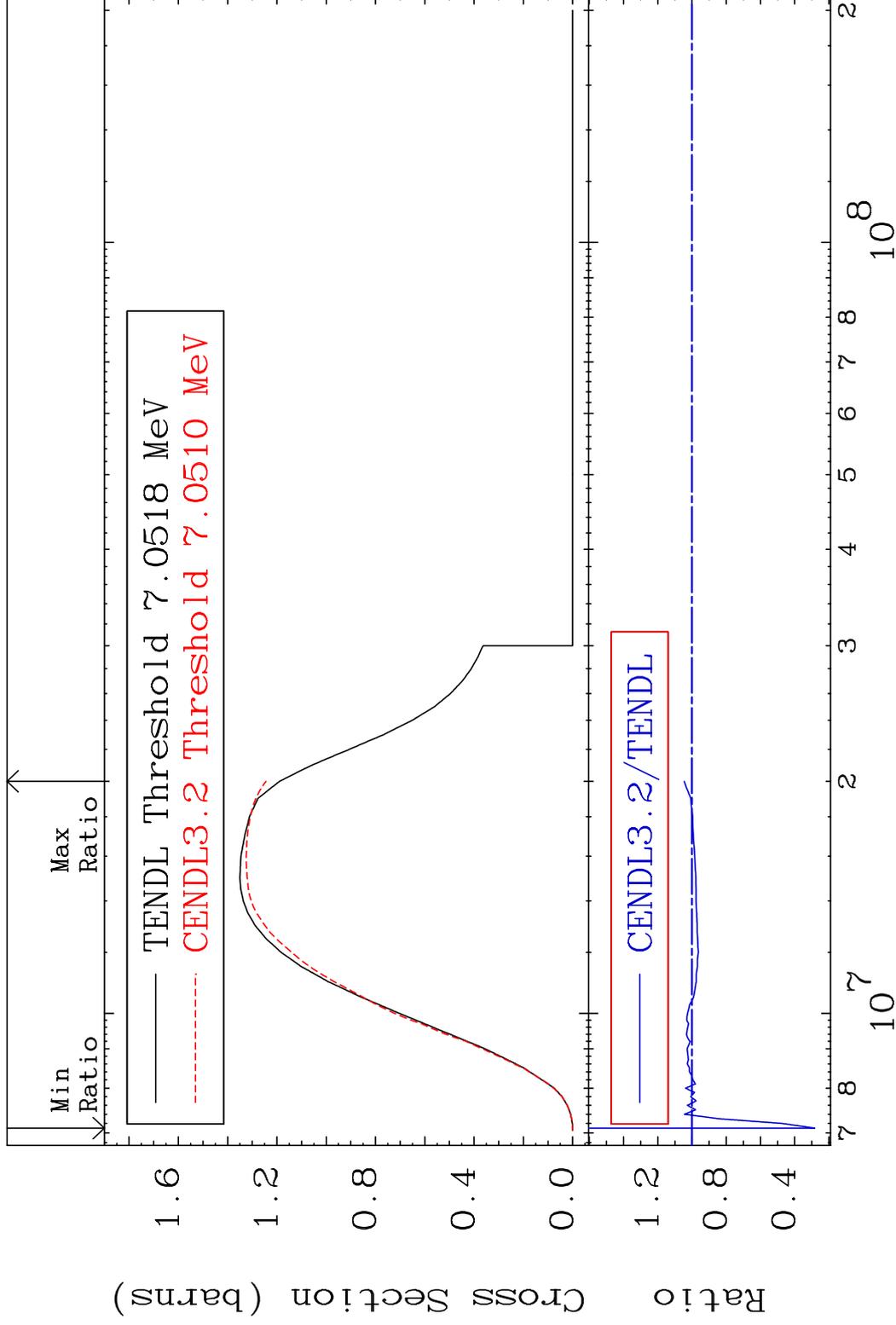
3 3 4 5 7 2 3 4 5 7 2 3 4 5 7 8 2 34-Se-79

MAT 3440

(n,2n)

³⁴Se-79

Cross Section -71.67 To 4.627 %



4

Incident Energy (eV)

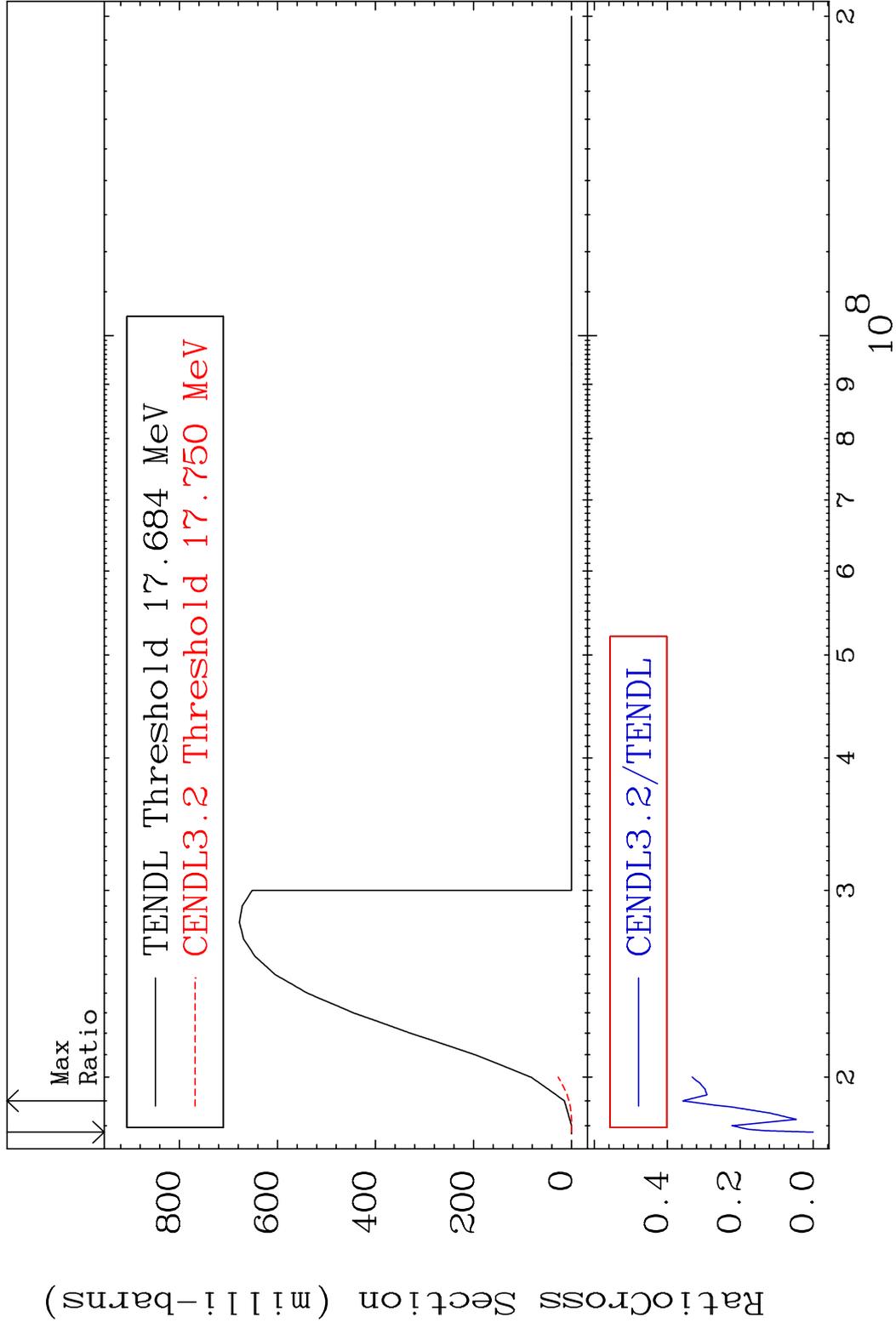
³⁴Se-79

MAT 3440

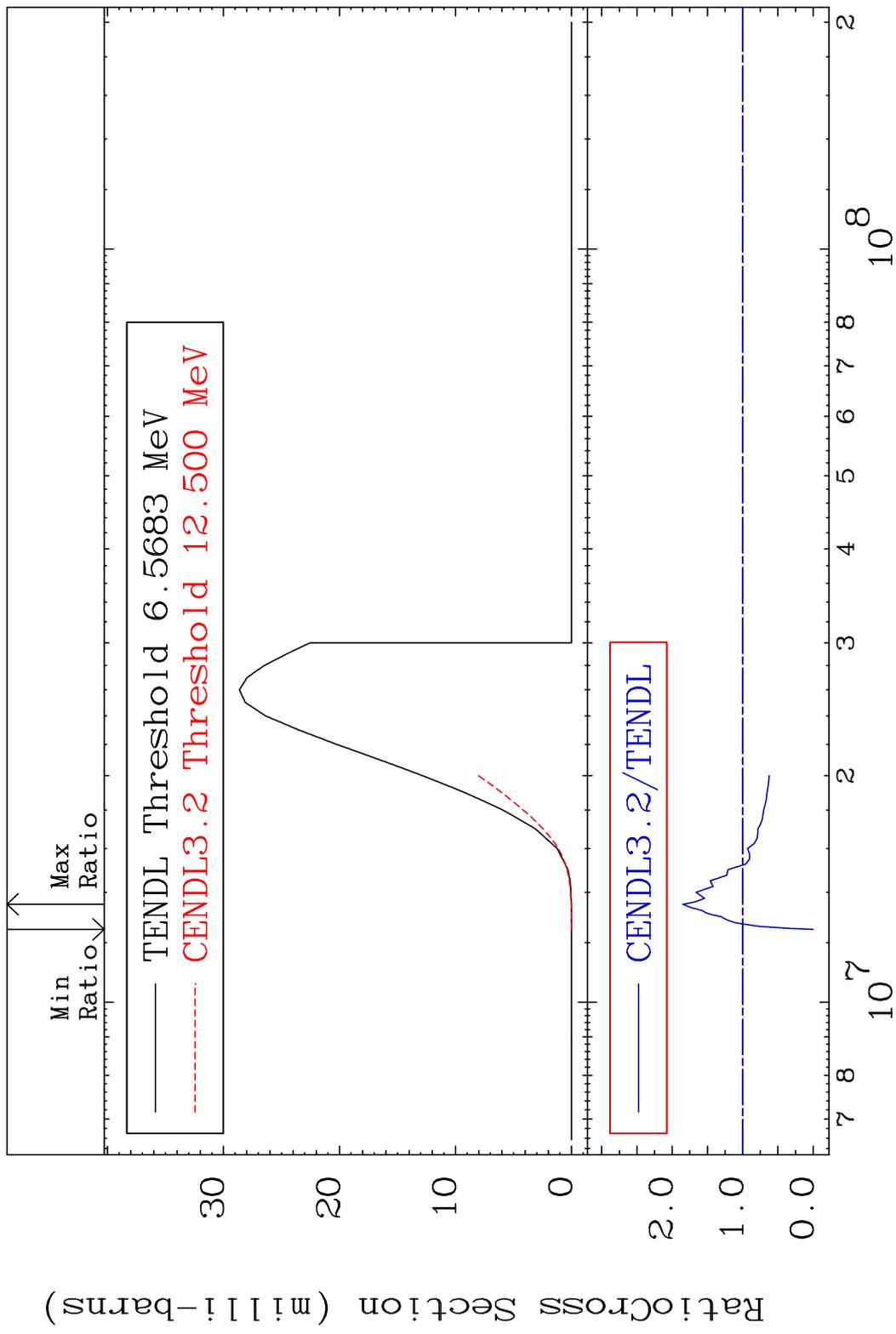
(n,3n)

³⁴Se-79

Cross Section -100.0 To -64.26%

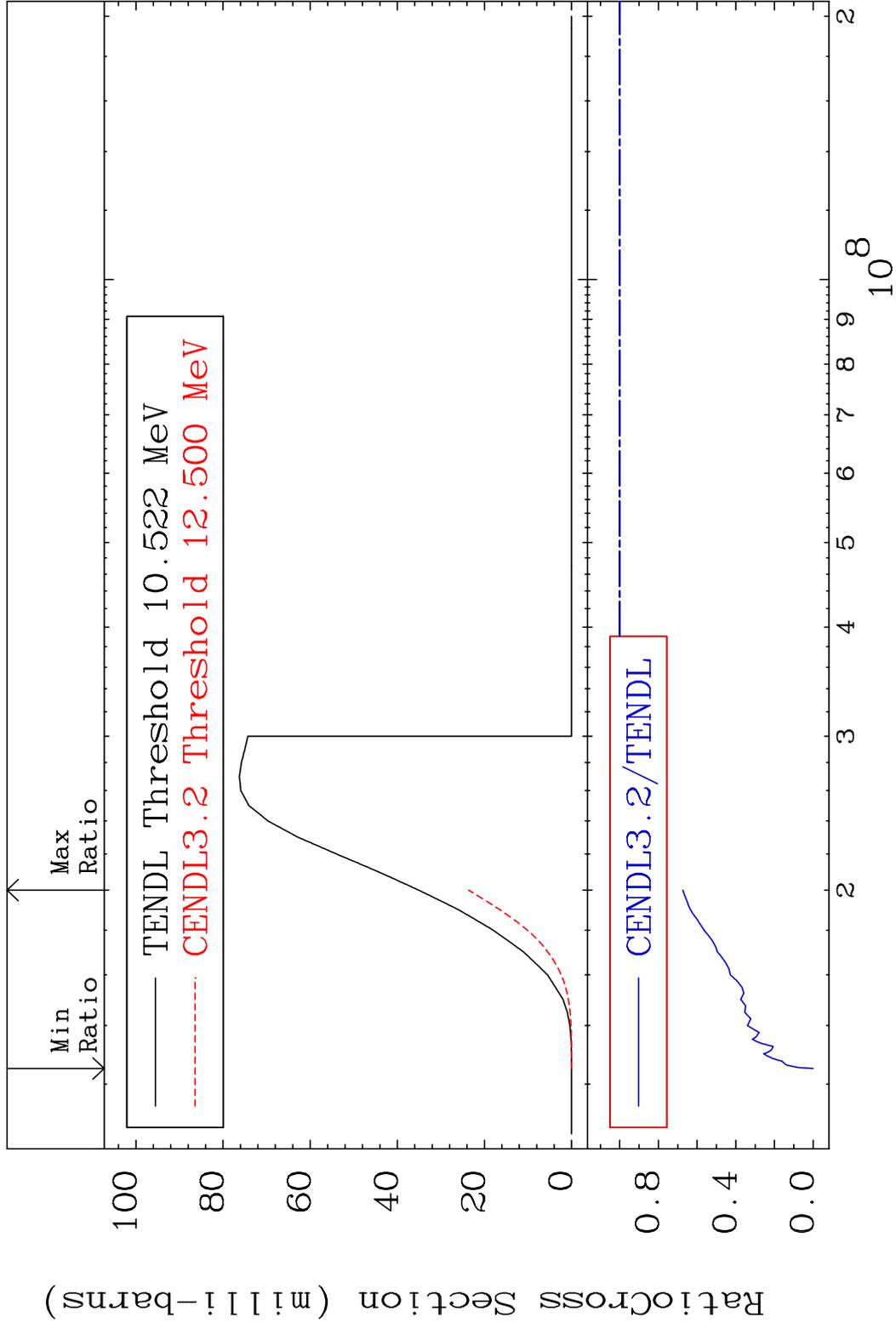


MAT 3440 (n, n') α 34-Se-79
 Cross Section -100.0 To 84.90 %

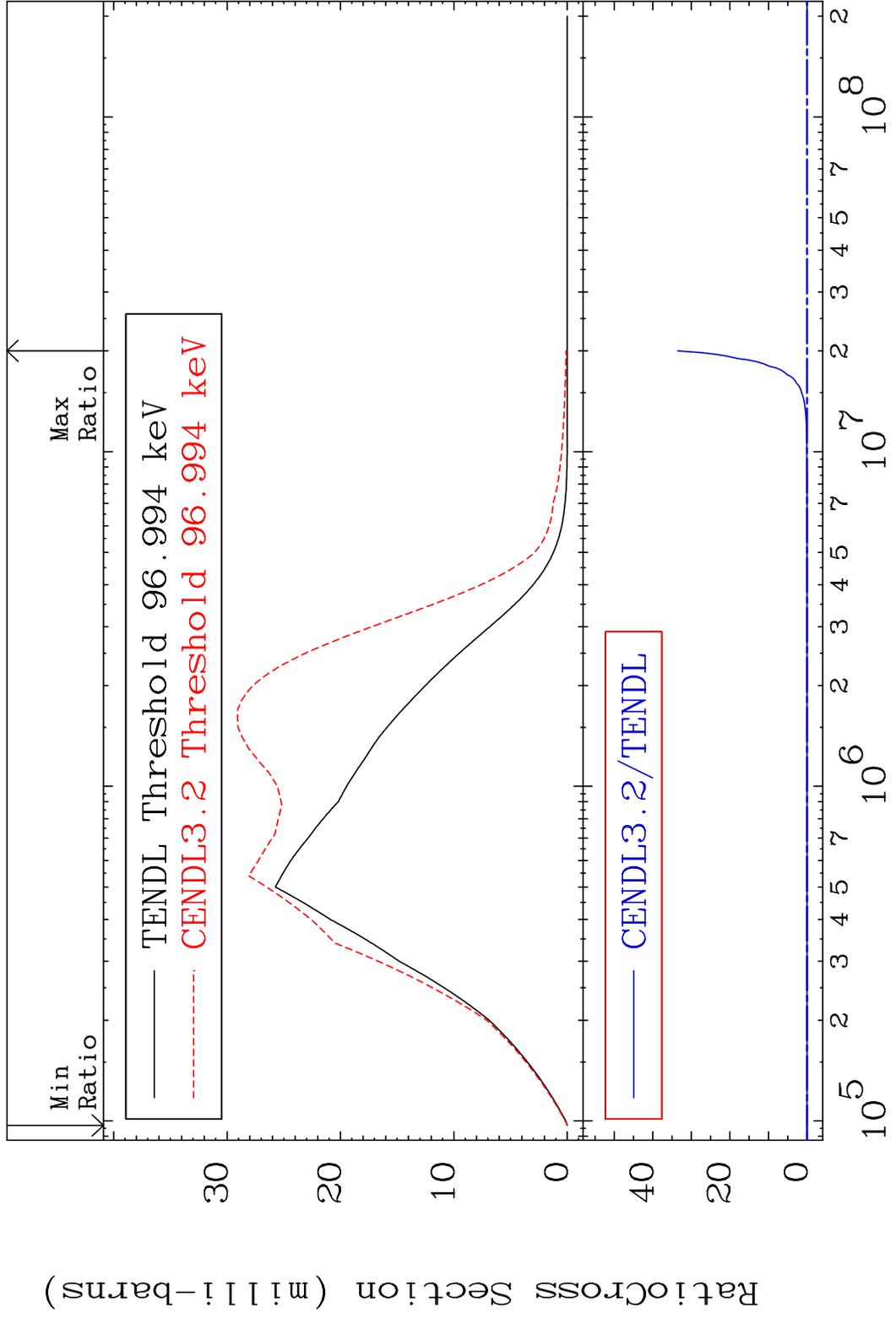


6 34-Se-79

MAT 3440 (n, n') p 34-Se-79
 Cross Section -100.0 To -32.62%

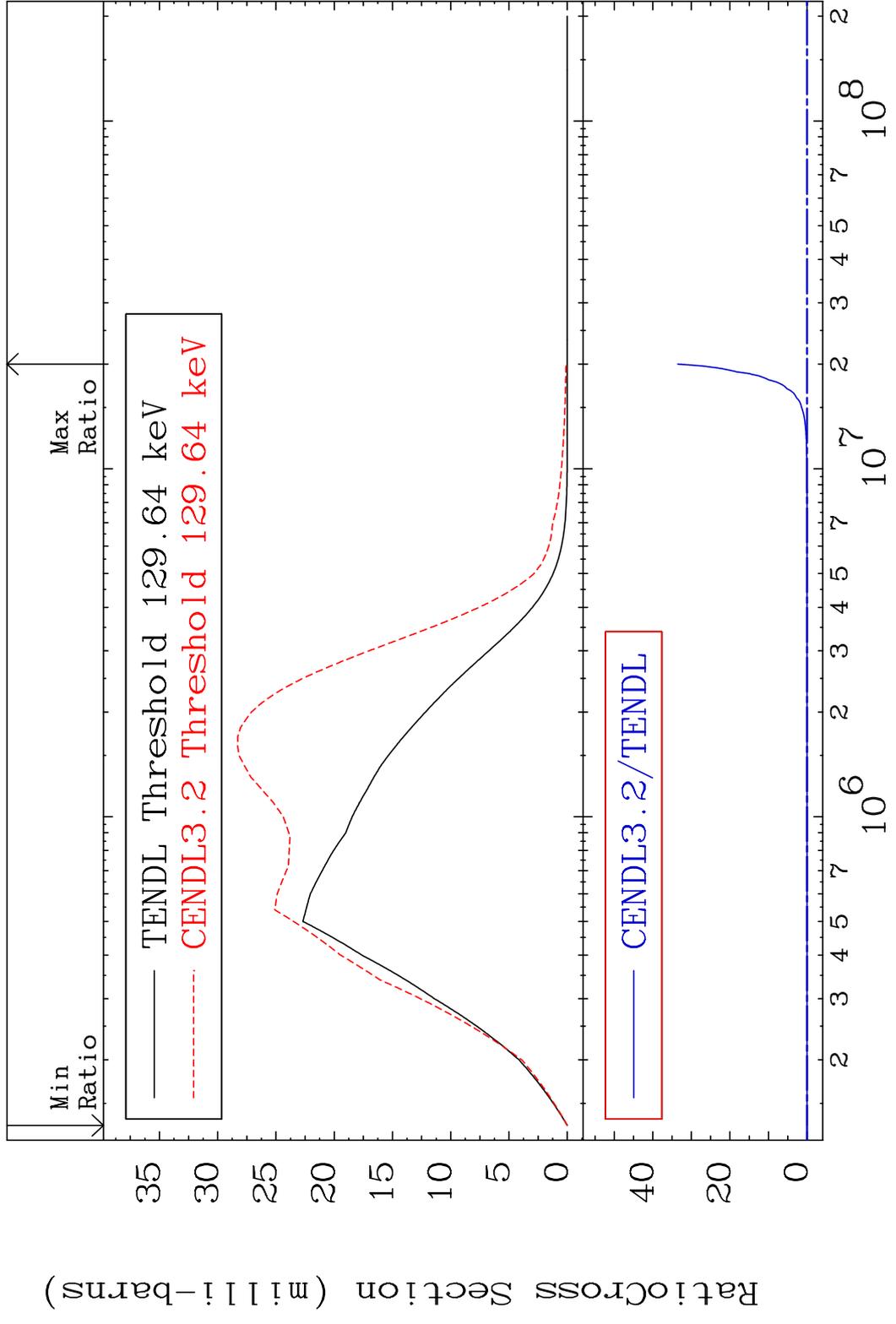


MAT 3440 MT= 51 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %

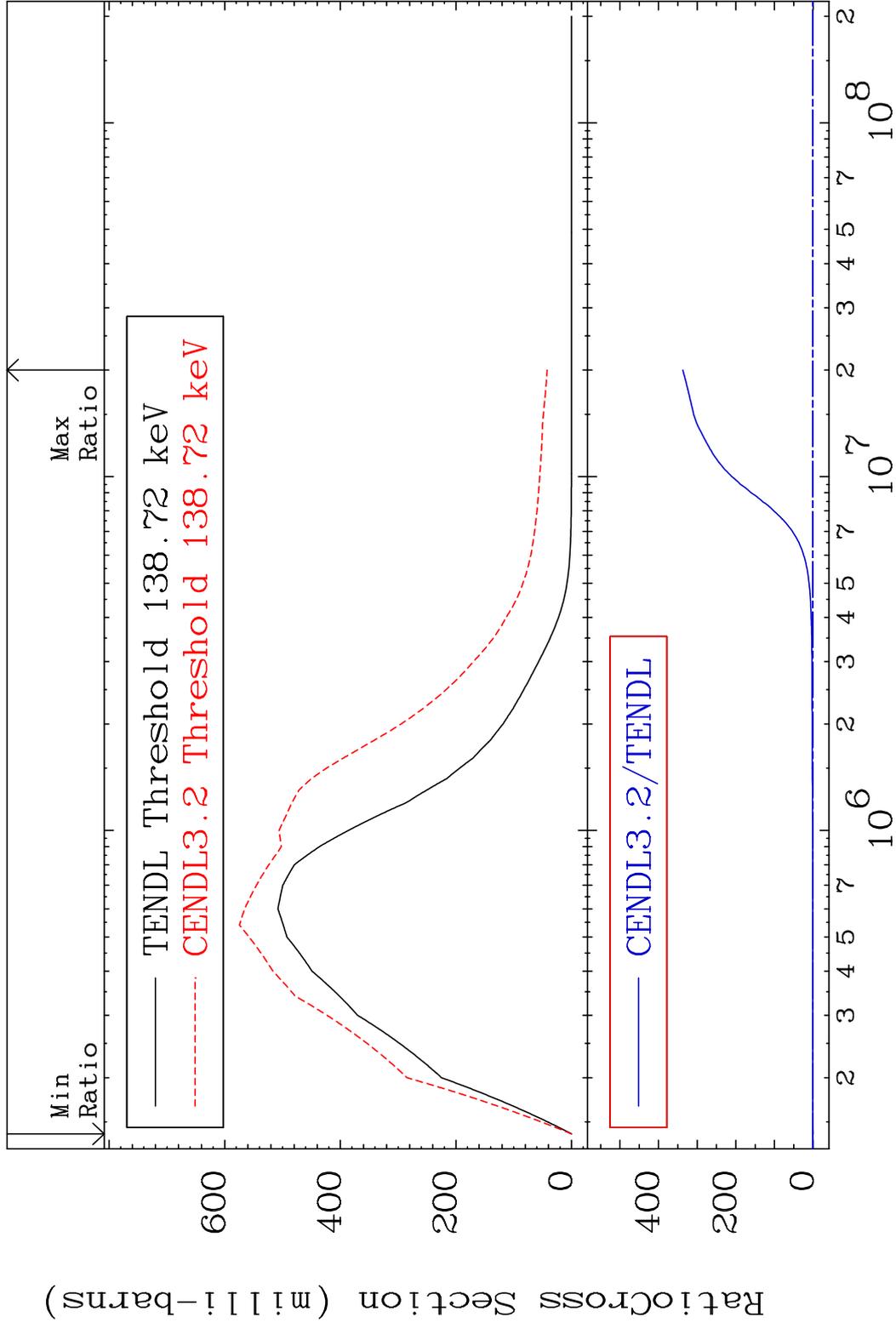


8 3 4 5 7 2 3 4 5 7 8 2 34-Se-79

MAT 3440 MT= 52 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %



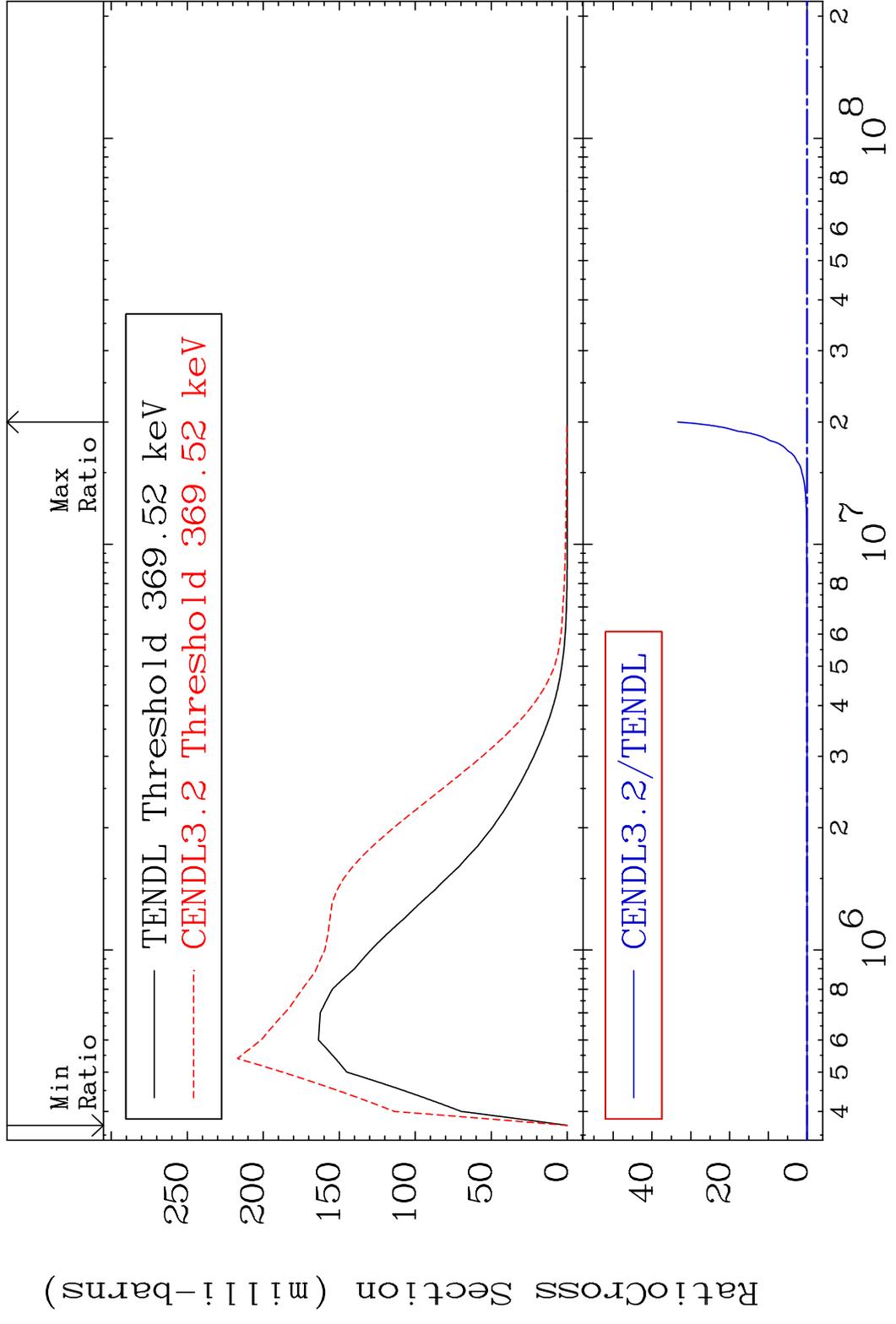
MAT 3440 MT= 53 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %



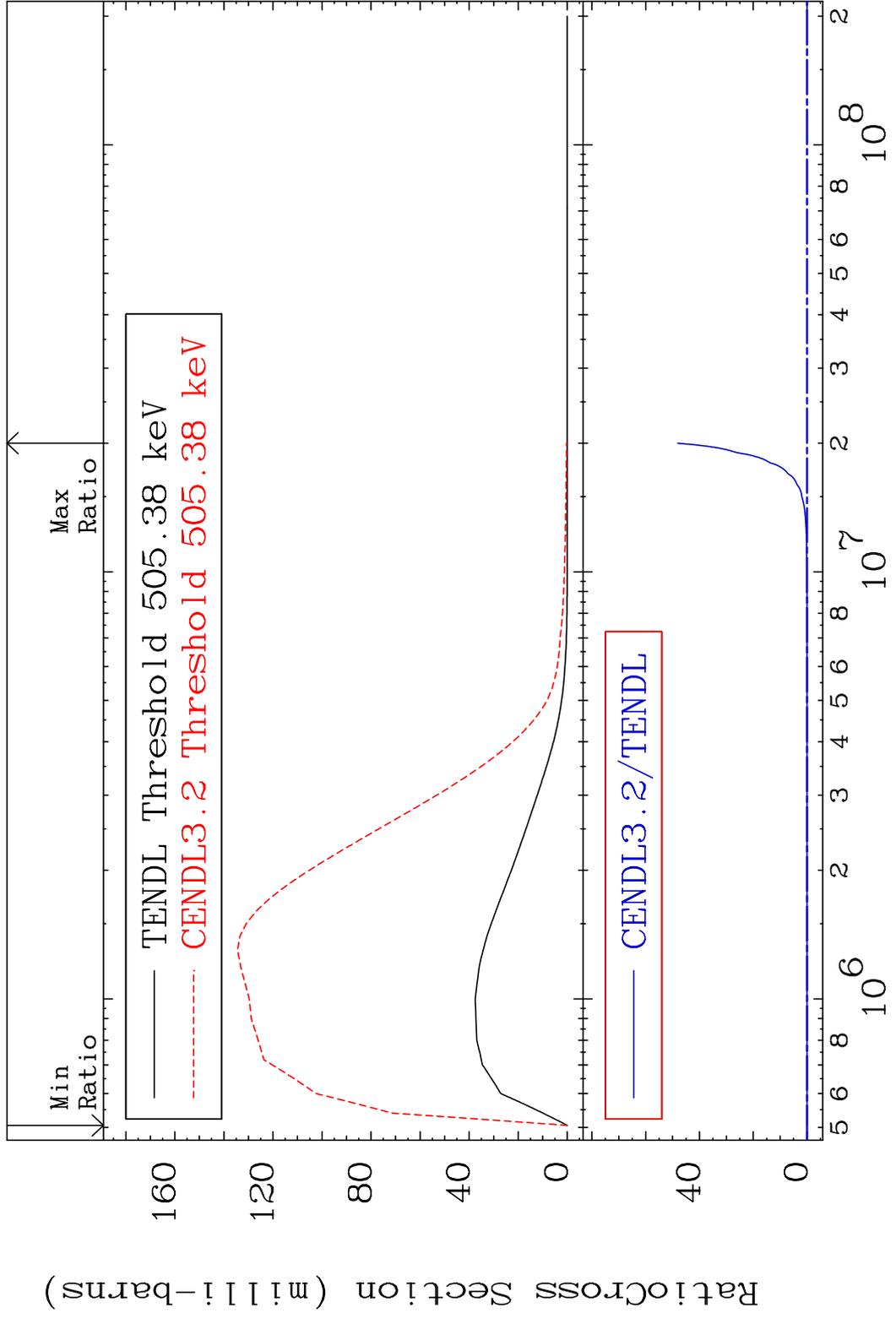
10

34-Se-79

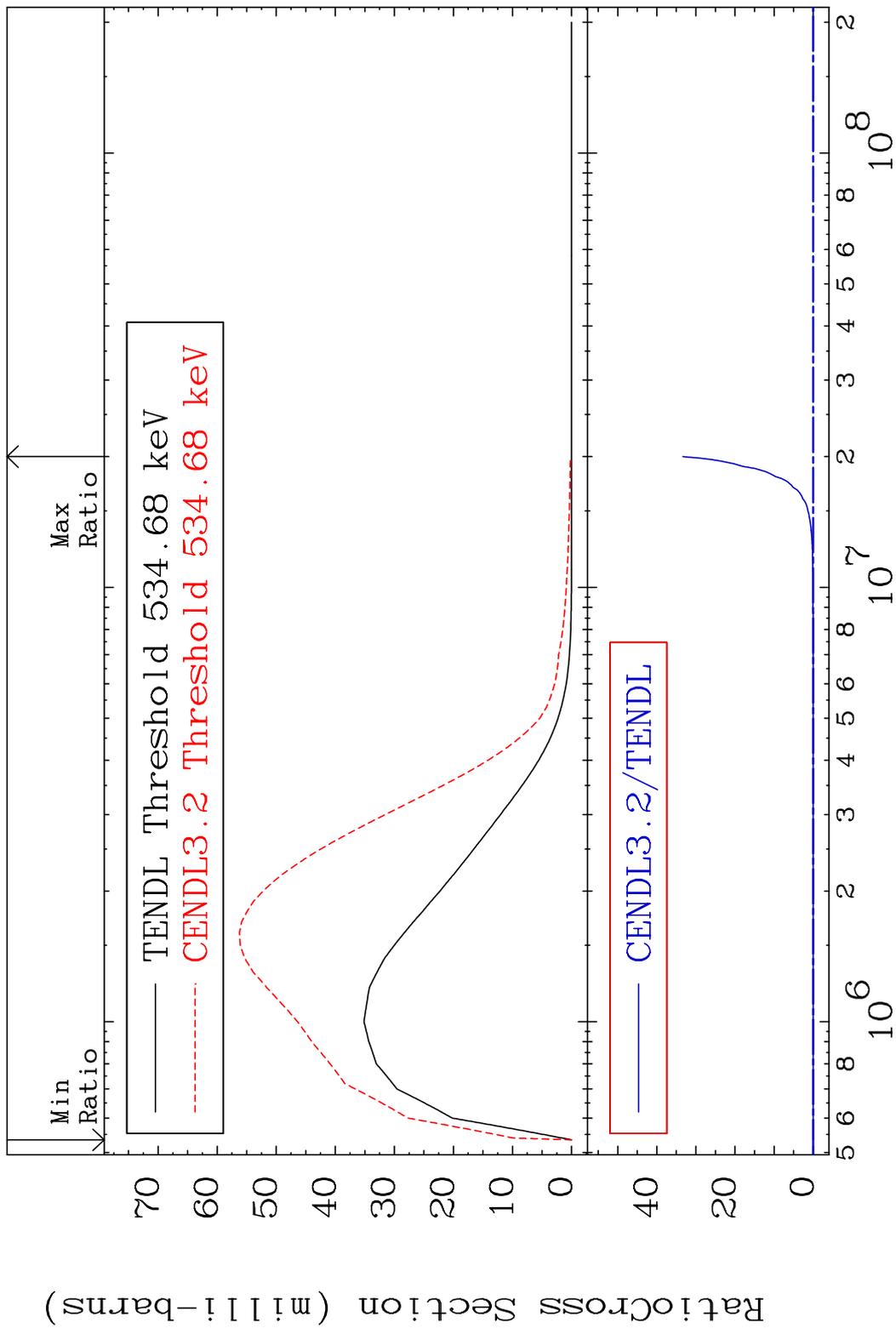
MAT 3440 MT= 54 (n,n') Level 34-Se-79
 Cross Section -100.0 To 9999. %



MAT 3440 MT= 55 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %

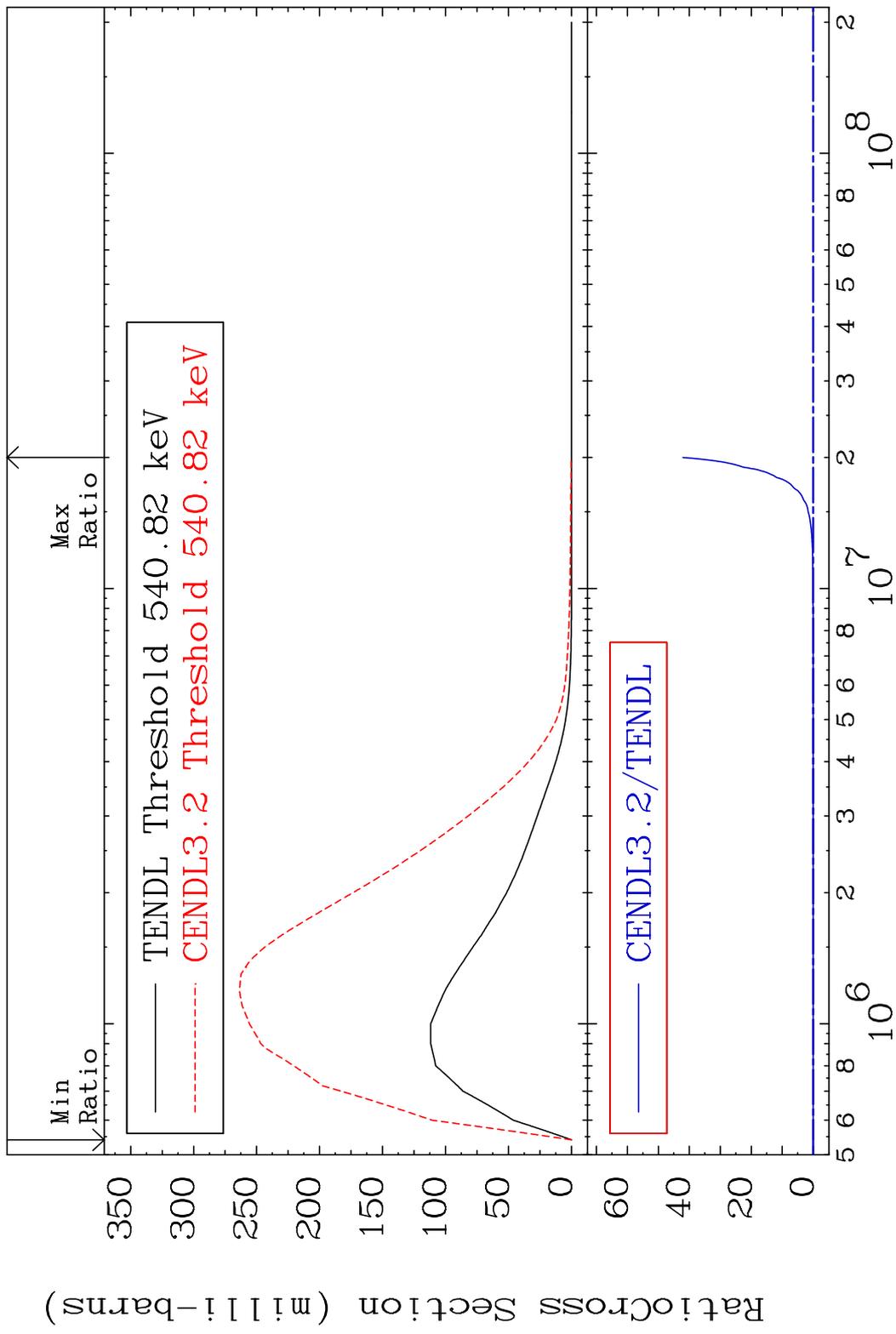


MAT 3440 MT= 56 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %

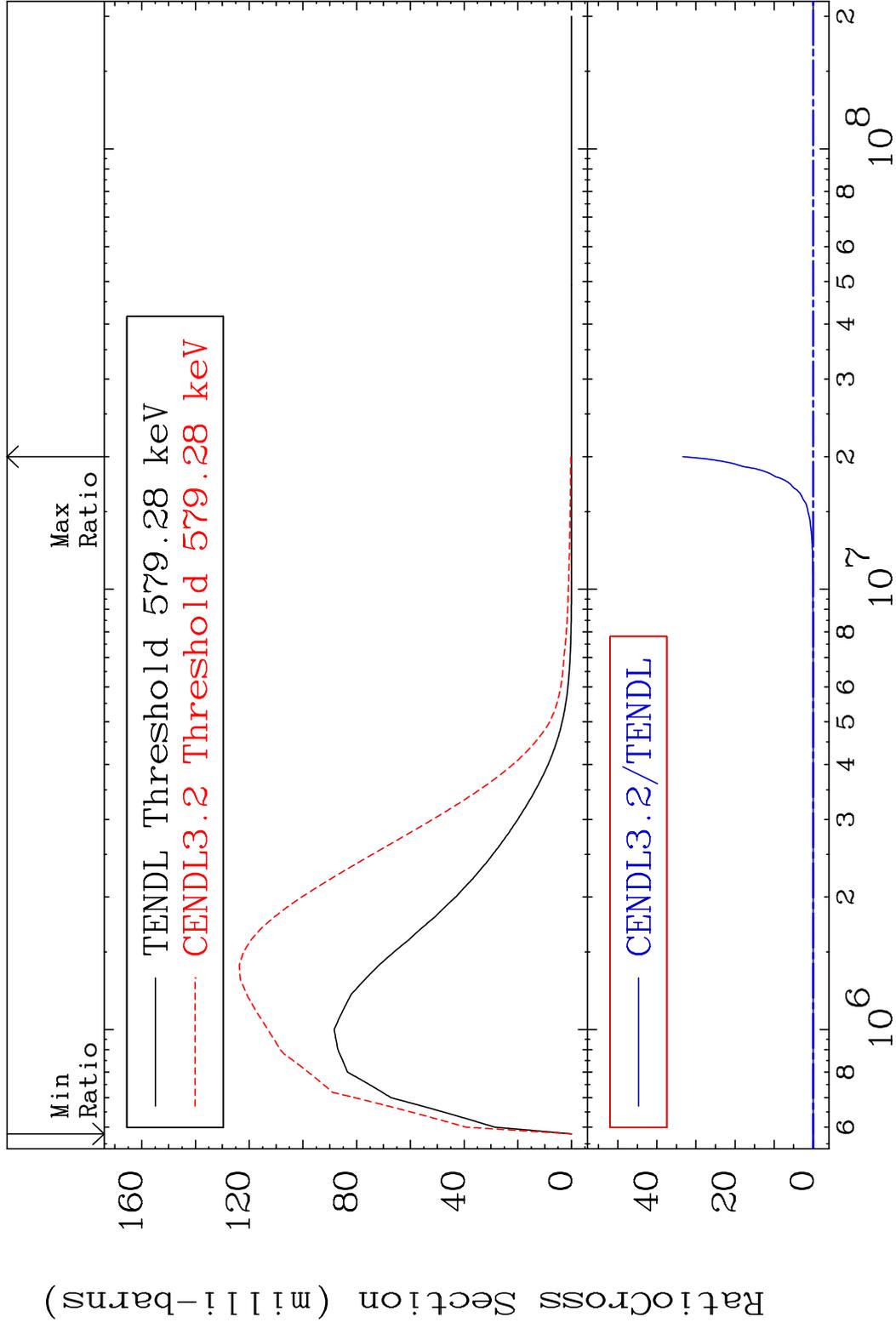


13 Incident Energy (eV) 34-Se-79

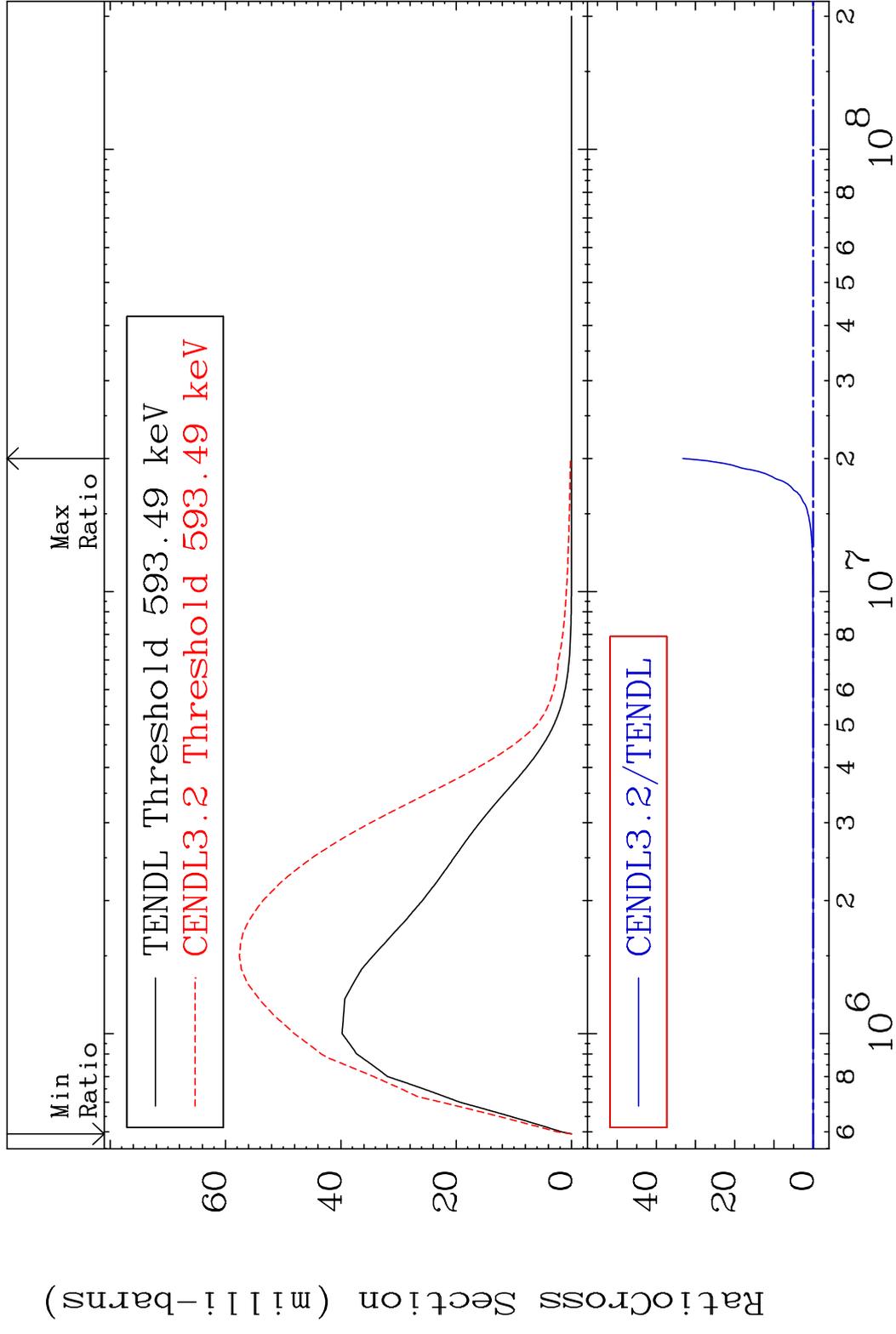
MAT 3440 MT= 57 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %



MAT 3440 MT= 58 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %

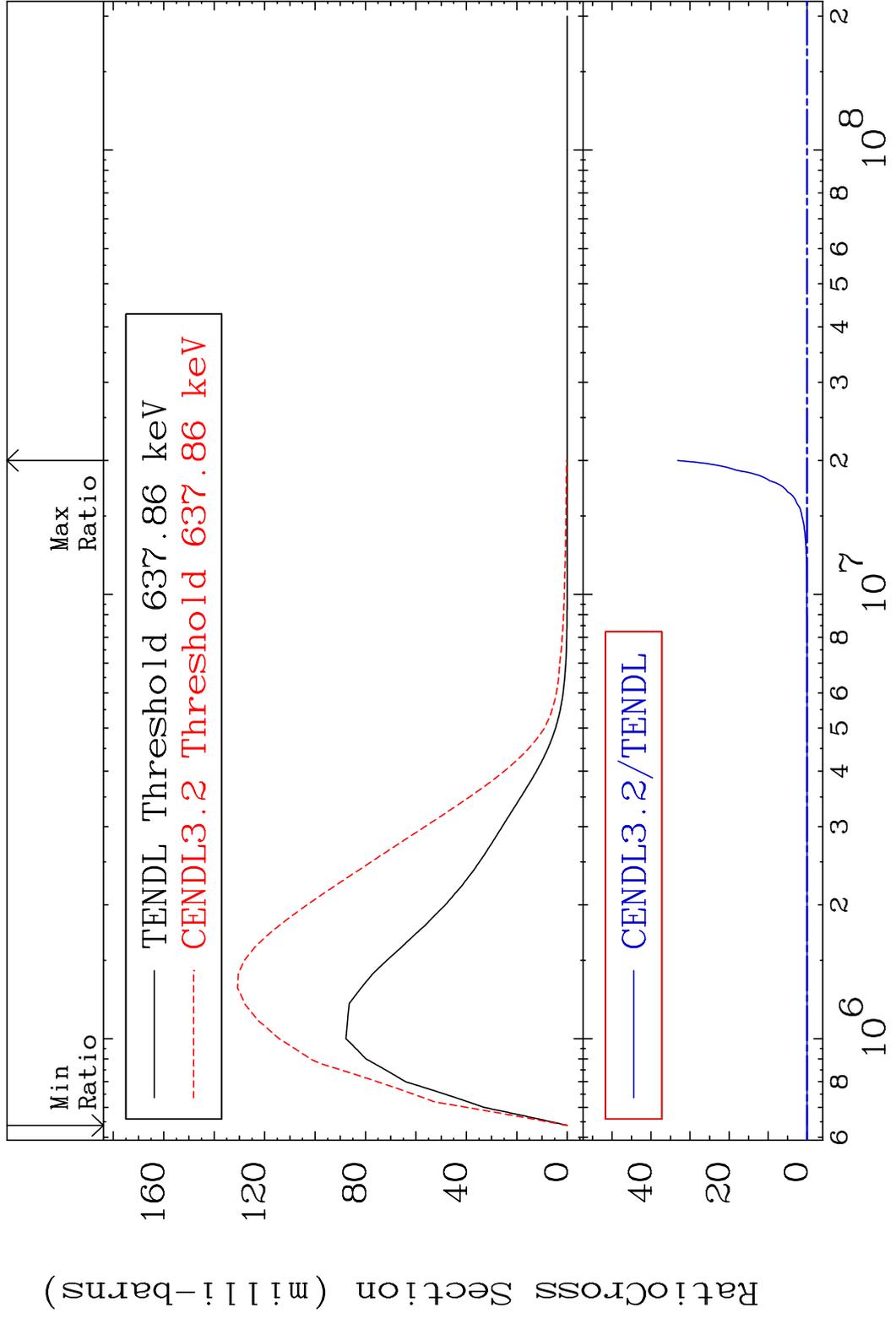


MAT 3440 MT= 59 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %

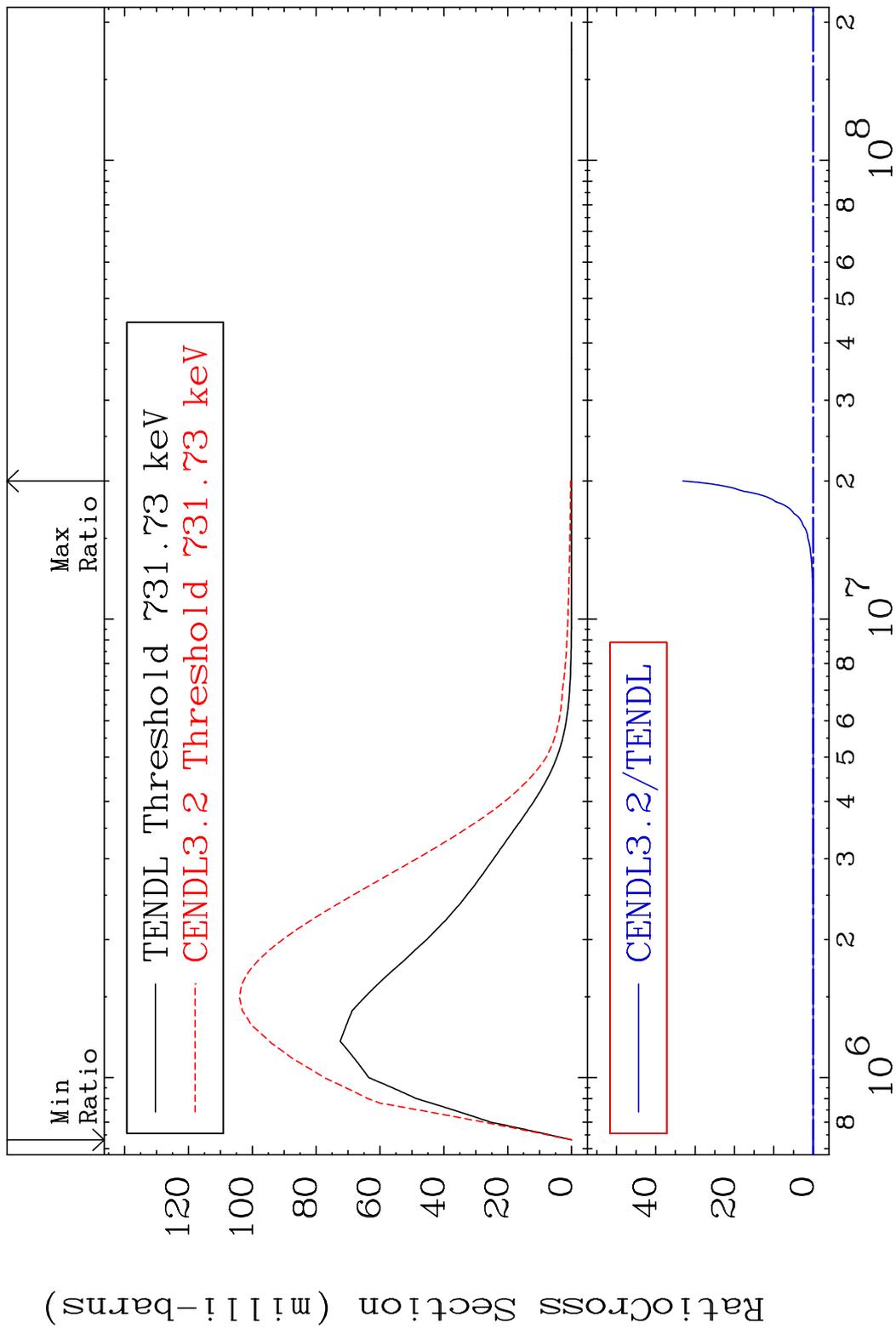


16 Incident Energy (eV) 34-Se-79

MAT 3440 MT= 60 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %

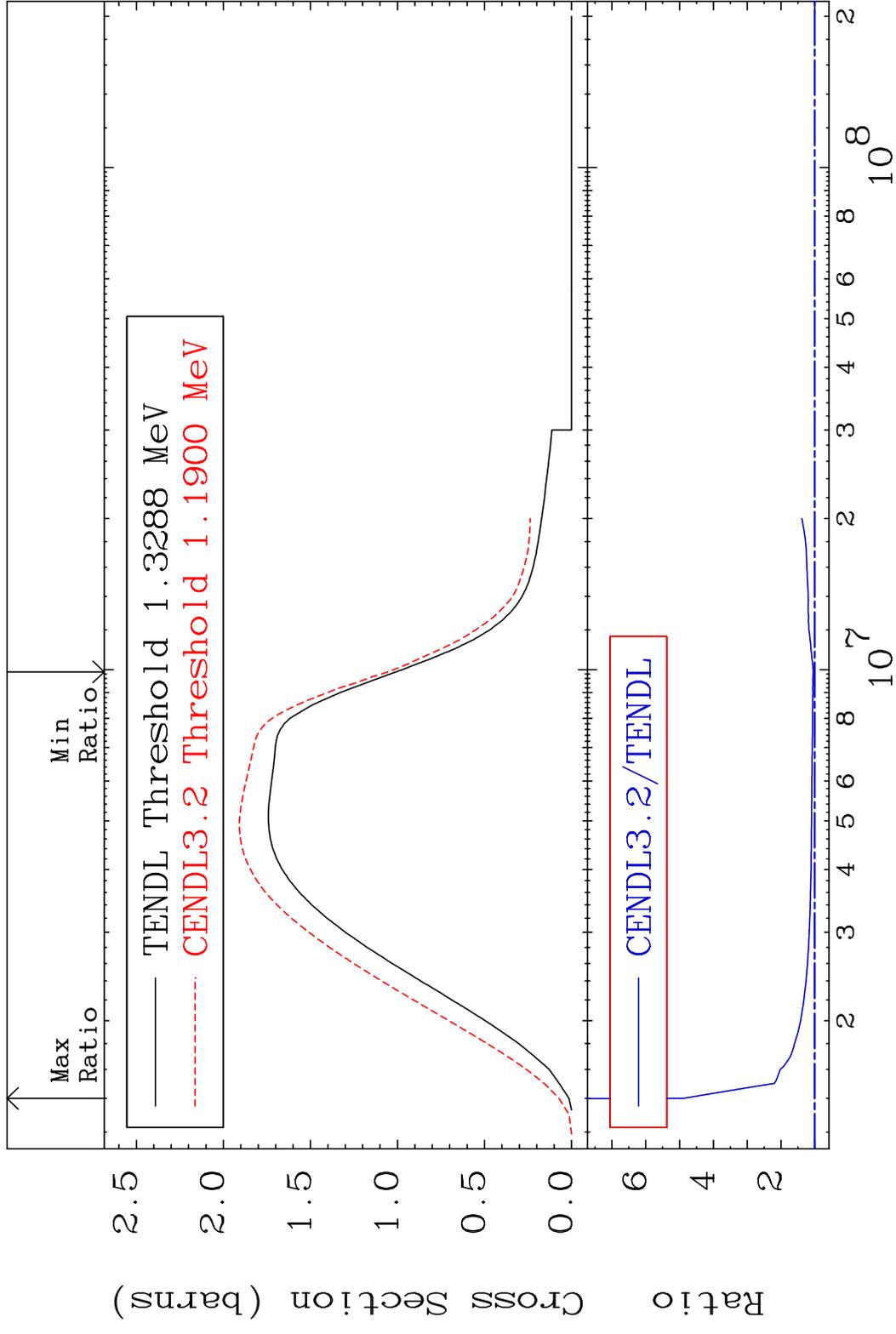


MAT 3440 MT= 61 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %



18 34-Se-79

MAT 3440 (n,n') Continuum 34-Se-79
 Cross Section 4.775 To 390.3 %

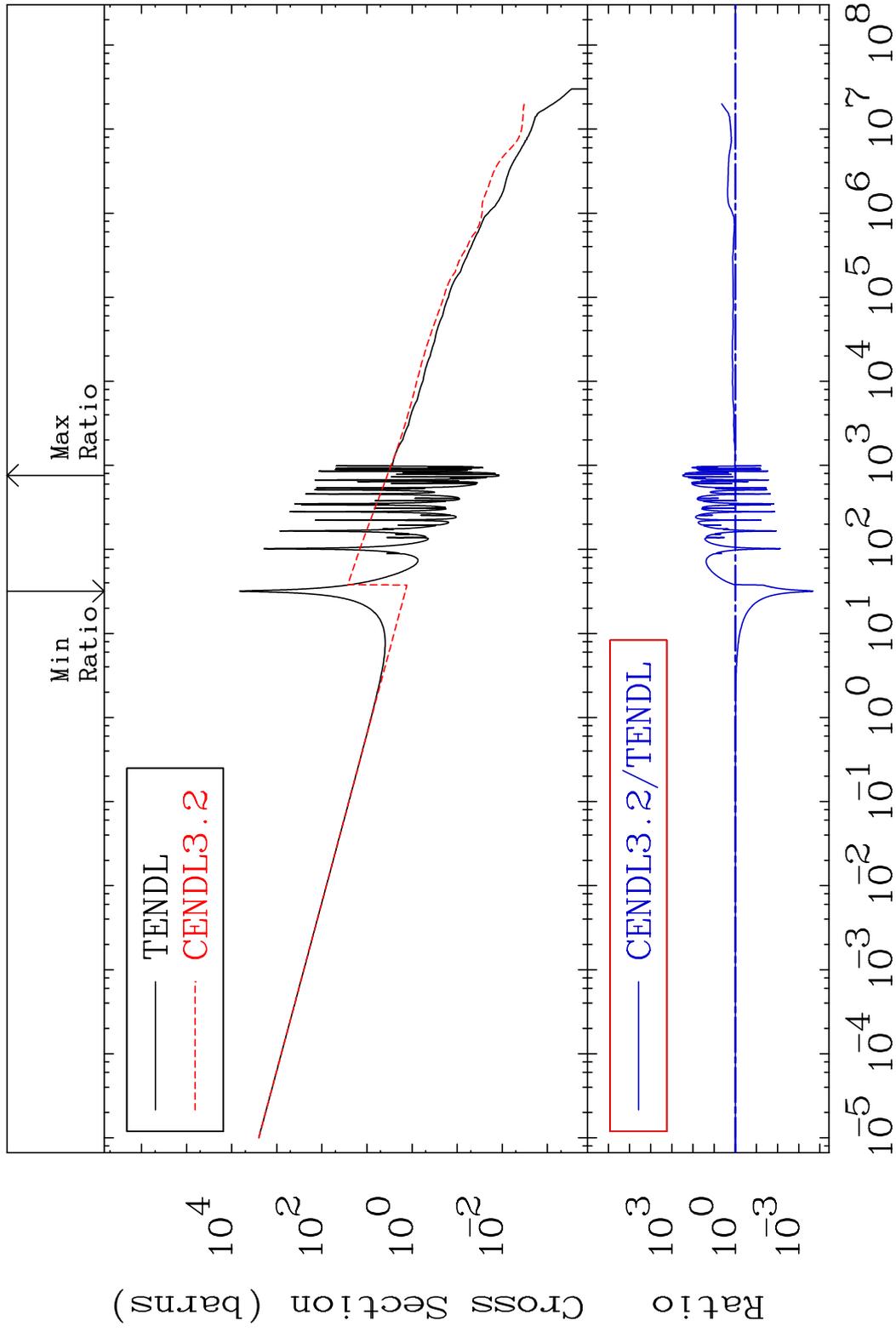


MAT 3440

(n, γ)

34-Se-79

Cross Section -99.98 To 9999. %

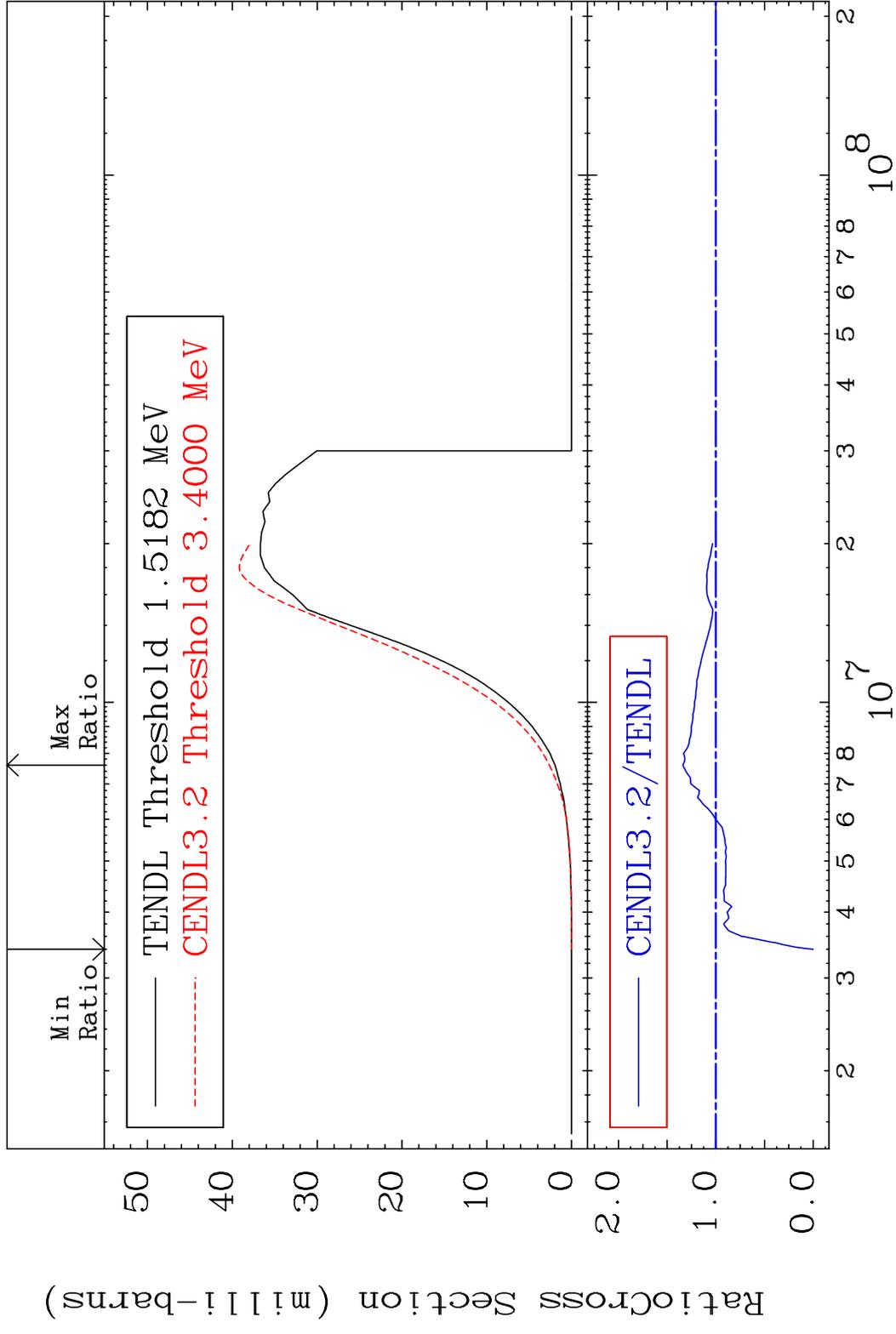


20

Incident Energy (eV)

34-Se-79

MAT 3440 (n,p) 34-Se-79
 Cross Section -100.0 To 33.92 %

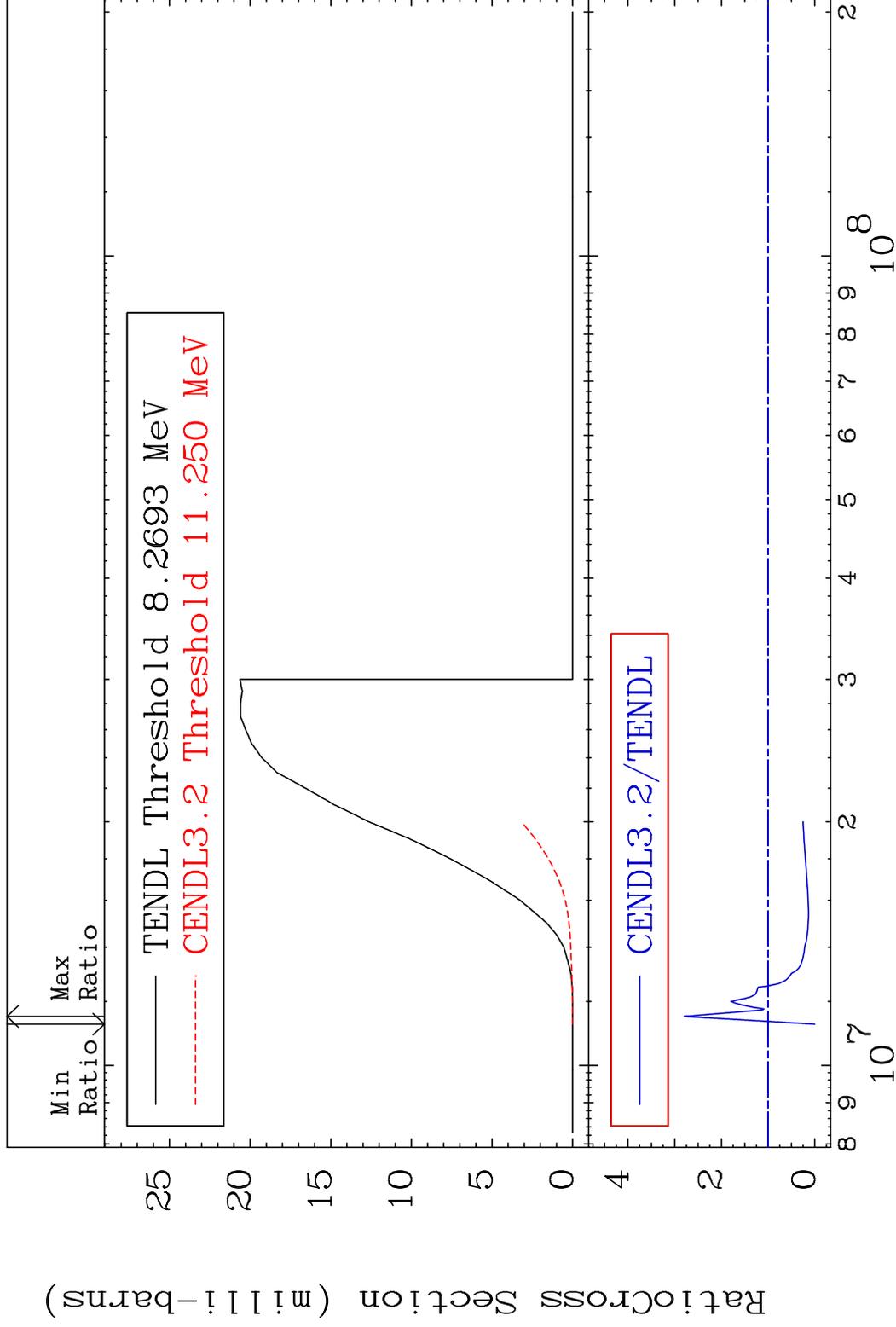


MAT 3440

(n, d)

³⁴Se-79

Cross Section -100.0 To 179.8 %



22

Incident Energy (eV)

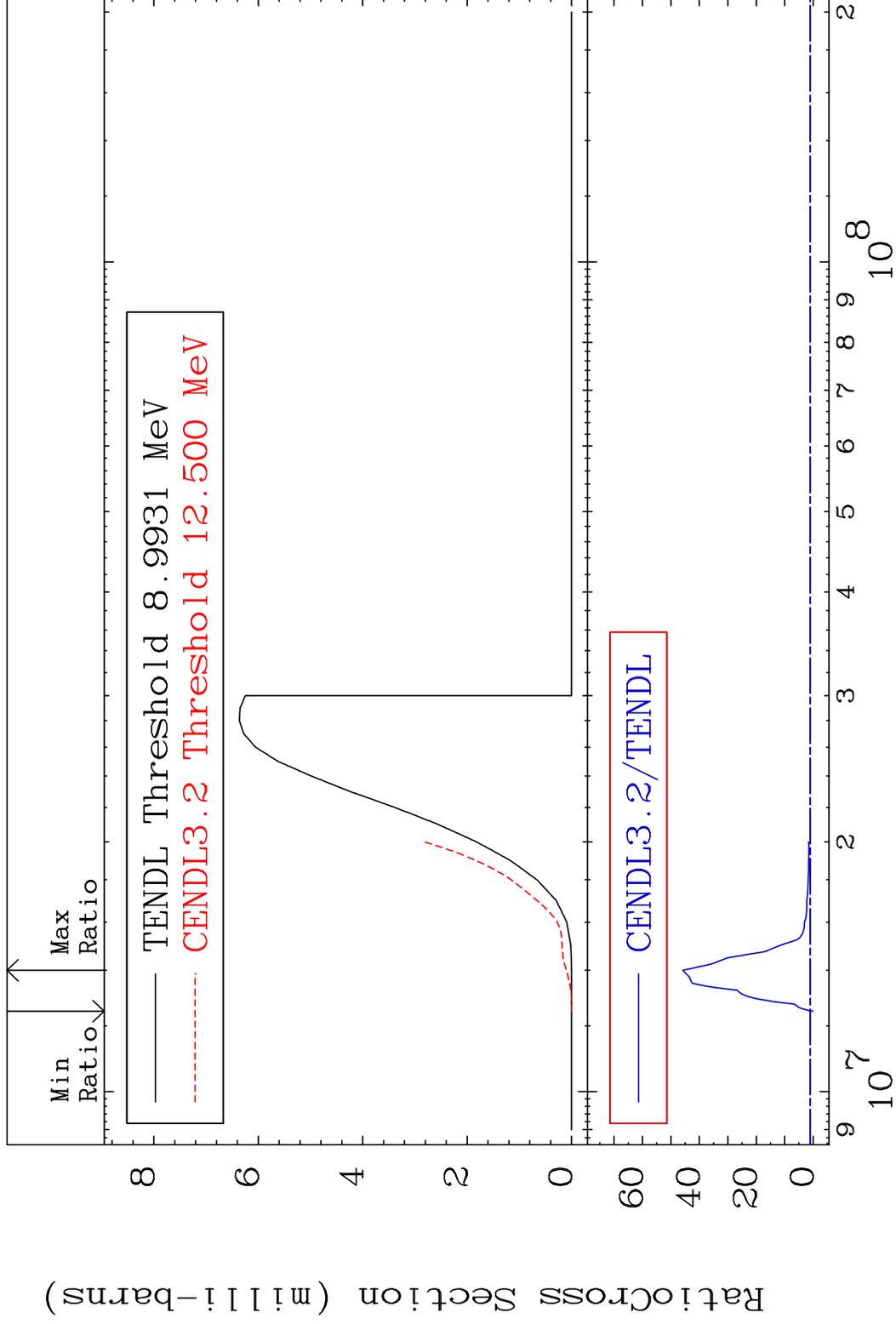
³⁴Se-79

MAT 3440

(n, t)

³⁴Se-79

Cross Section -100.0 To 4481. %



23

Incident Energy (eV)

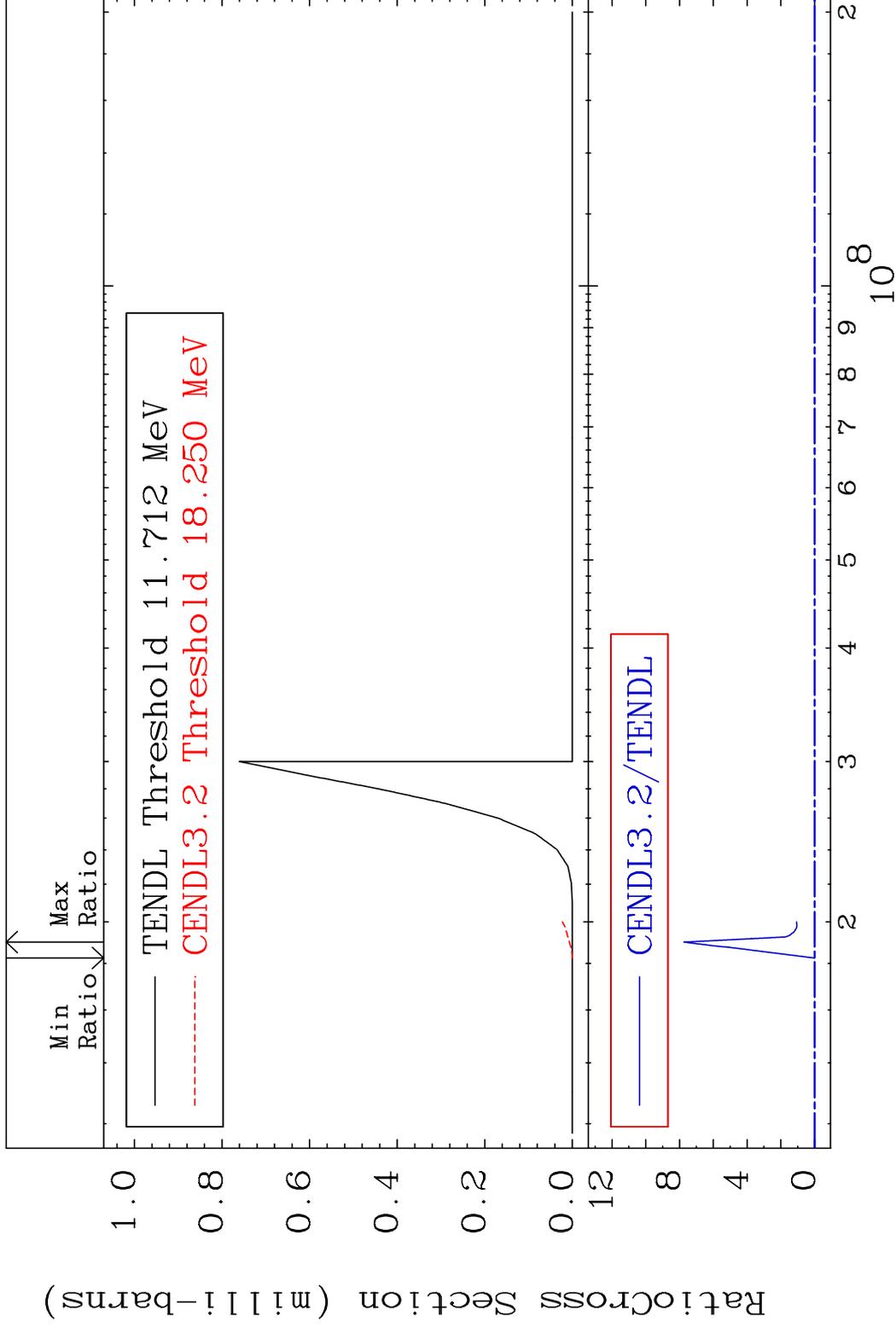
³⁴Se-79

MAT 3440

(n, He-3)

34-Se-79

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

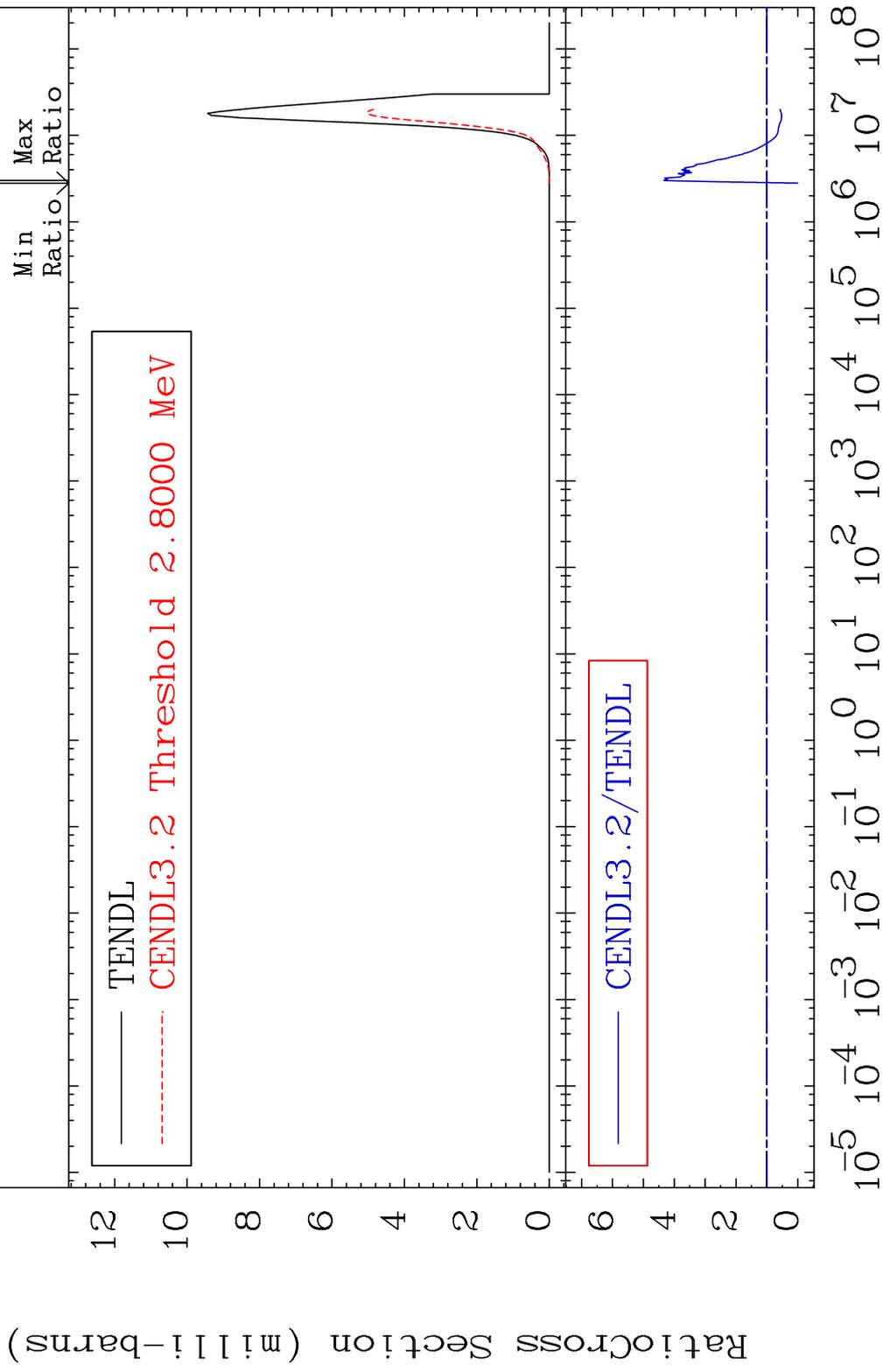
34-Se-79

MAT 3440

(n, α)

34-Se-79

Cross Section -100.0 To 334.0 %

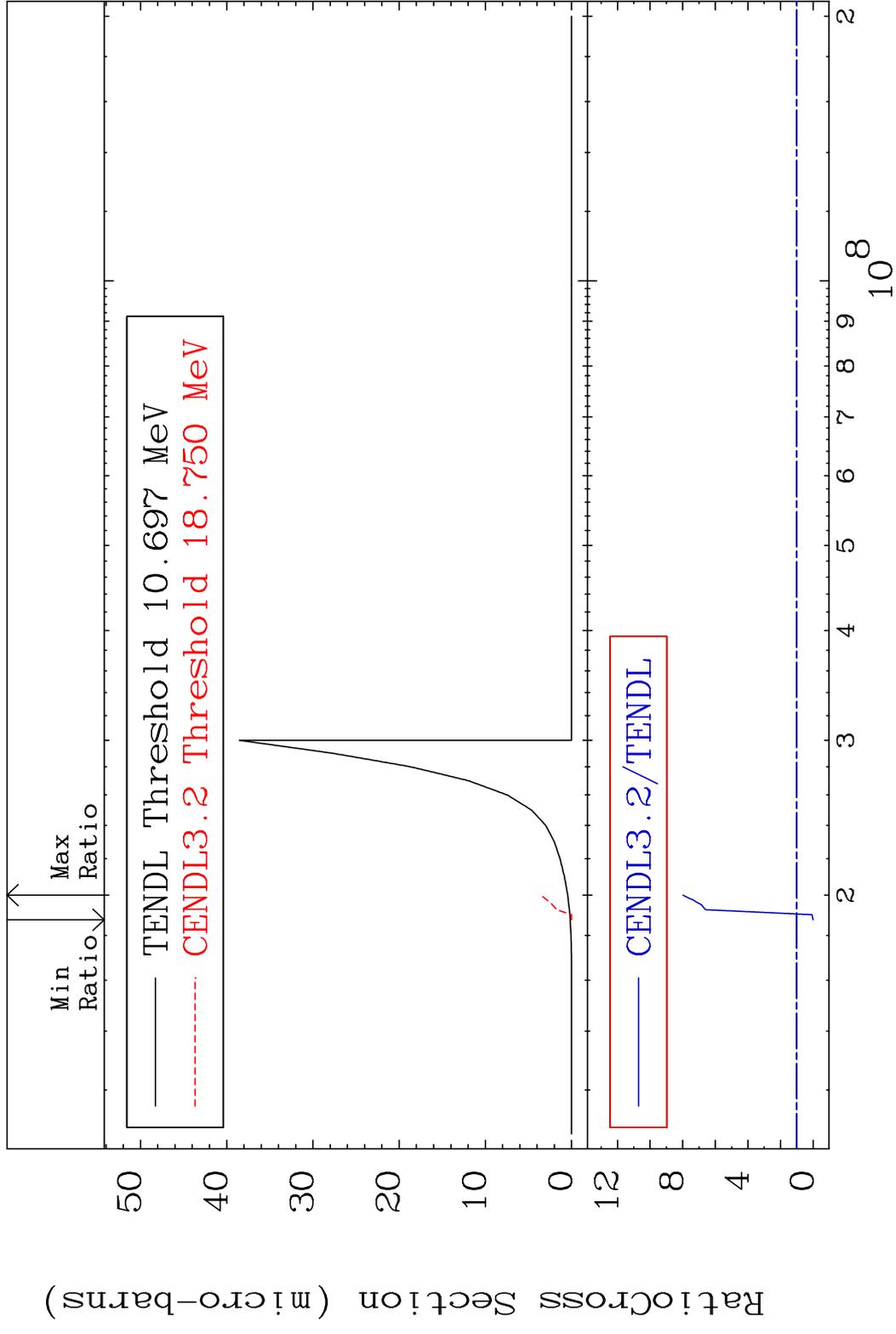


25

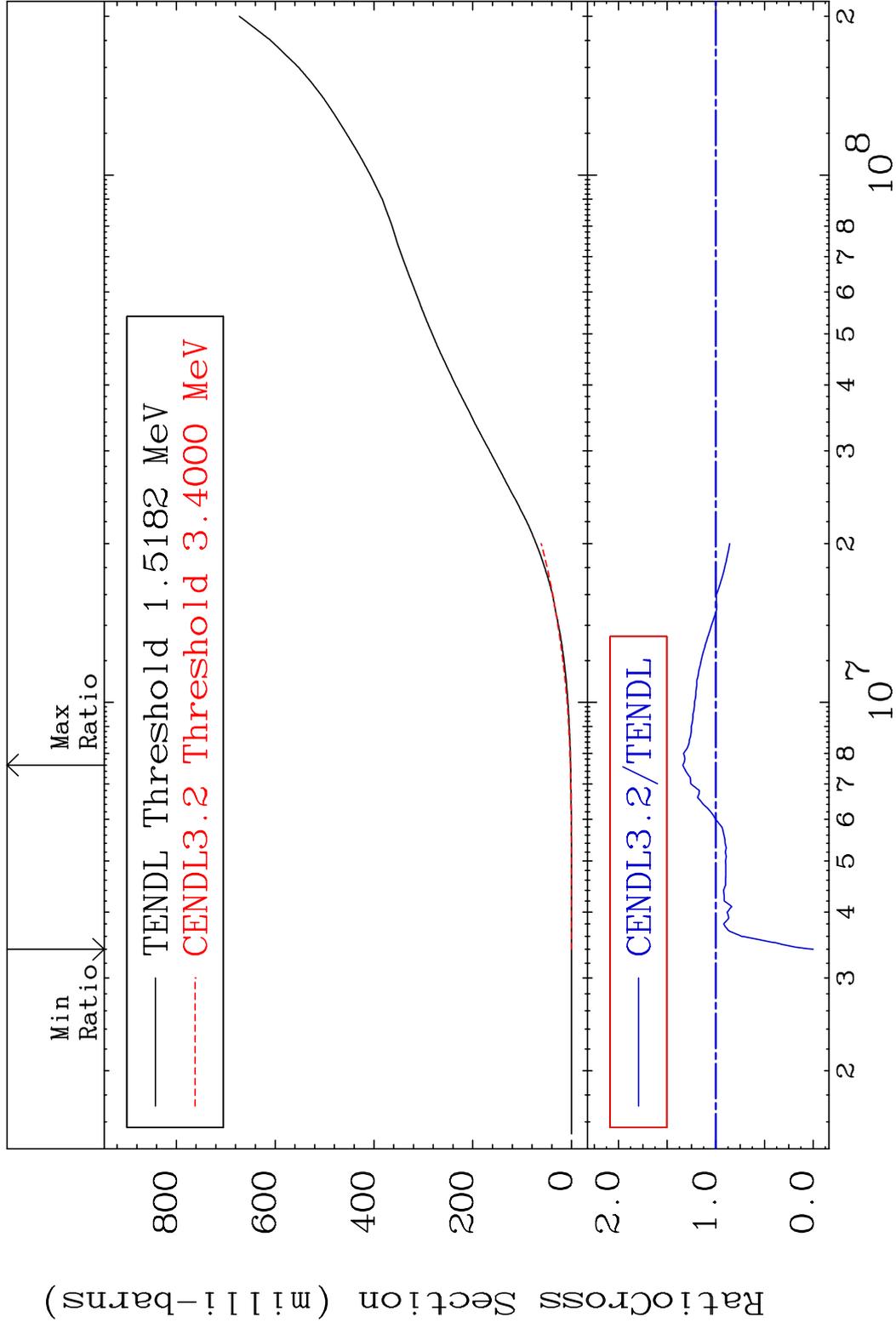
Incident Energy (eV)

34-Se-79

MAT 3440 (n,2p) 34-Se-79
 Cross Section -100.0 To 699.2 %



MAT 3440 Hydrogen Production 34-Se-79
 Cross Section -100.0 To 33.92 %

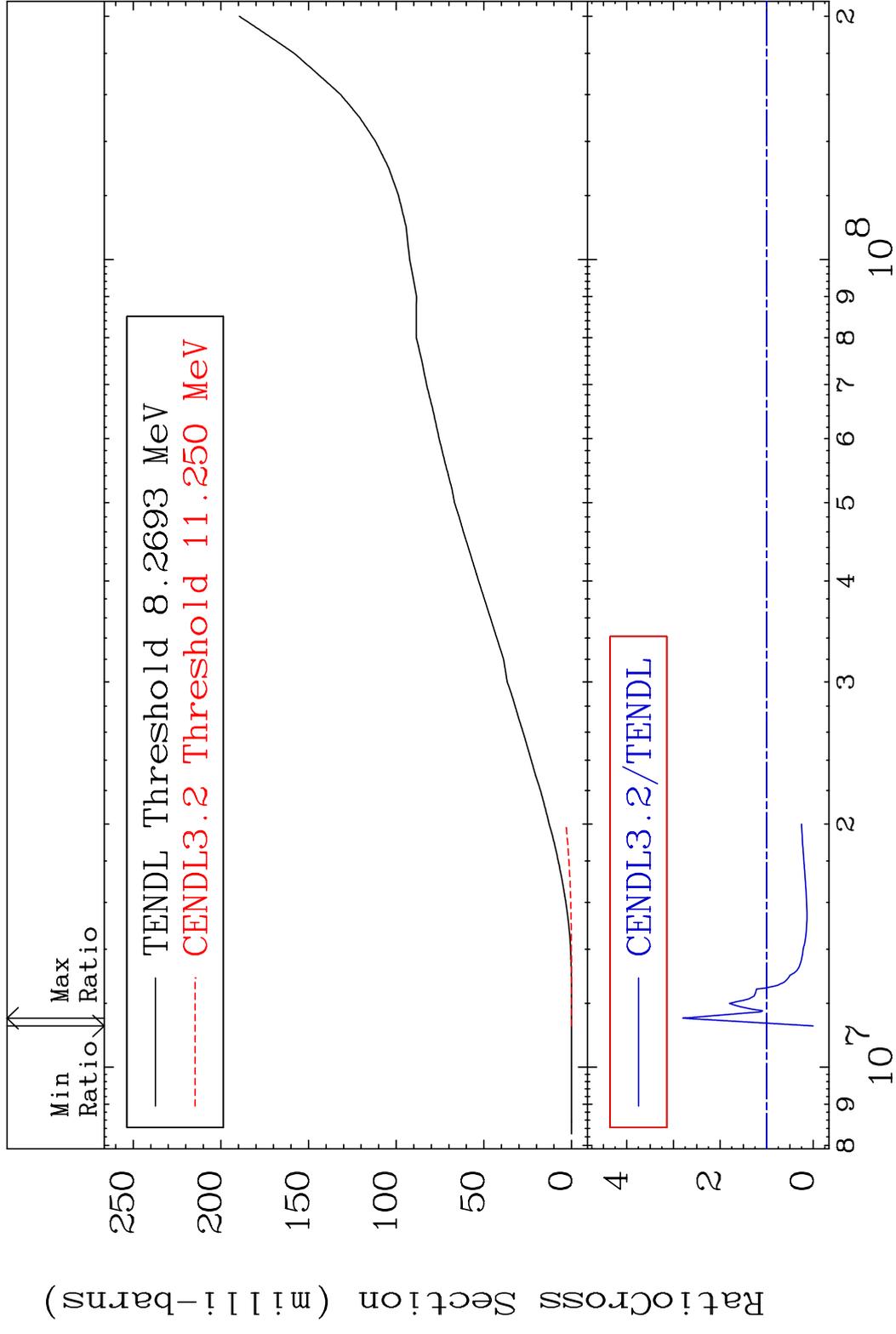


MAT 3440

Deuterium Production

³⁴Se-79

Cross Section -100.0 To 179.8 %



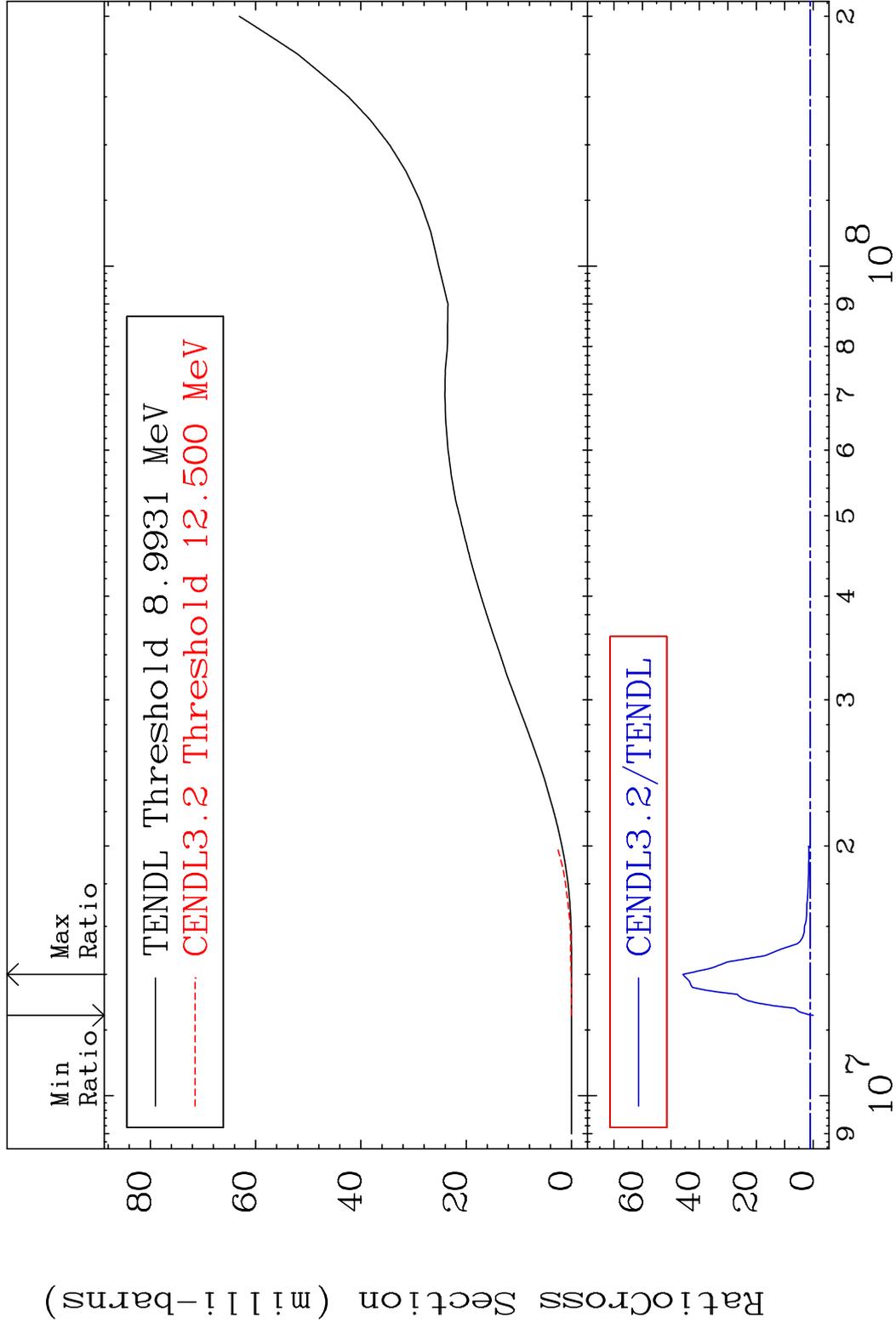
28

Incident Energy (eV)

³⁴Se-79

MAT 3440

Tritium Production 34-Se-79
Cross Section -100.0 To 4481. %



29

Incident Energy (eV)

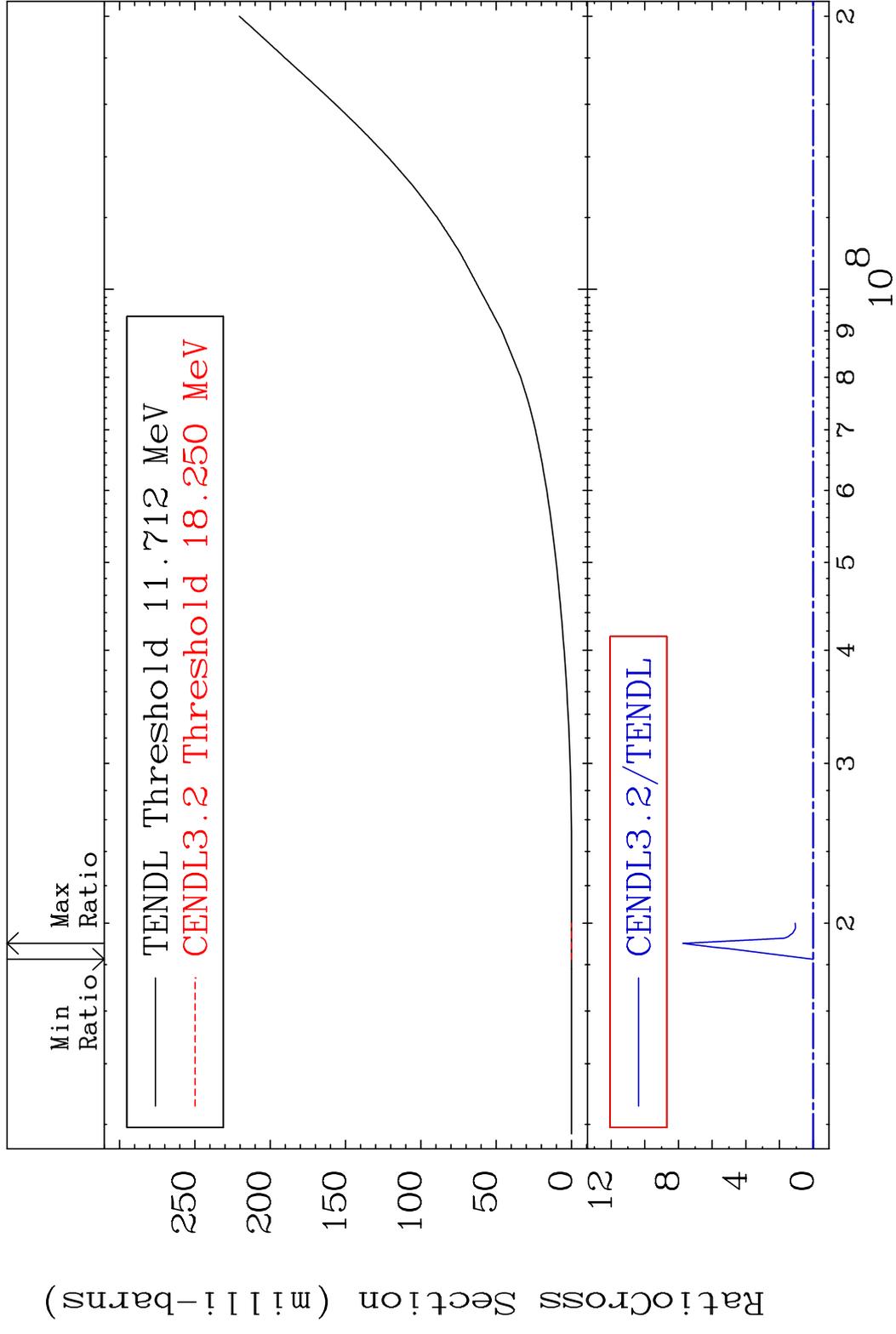
34-Se-79

MAT 3440

He-3 Production

34-Se-79

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

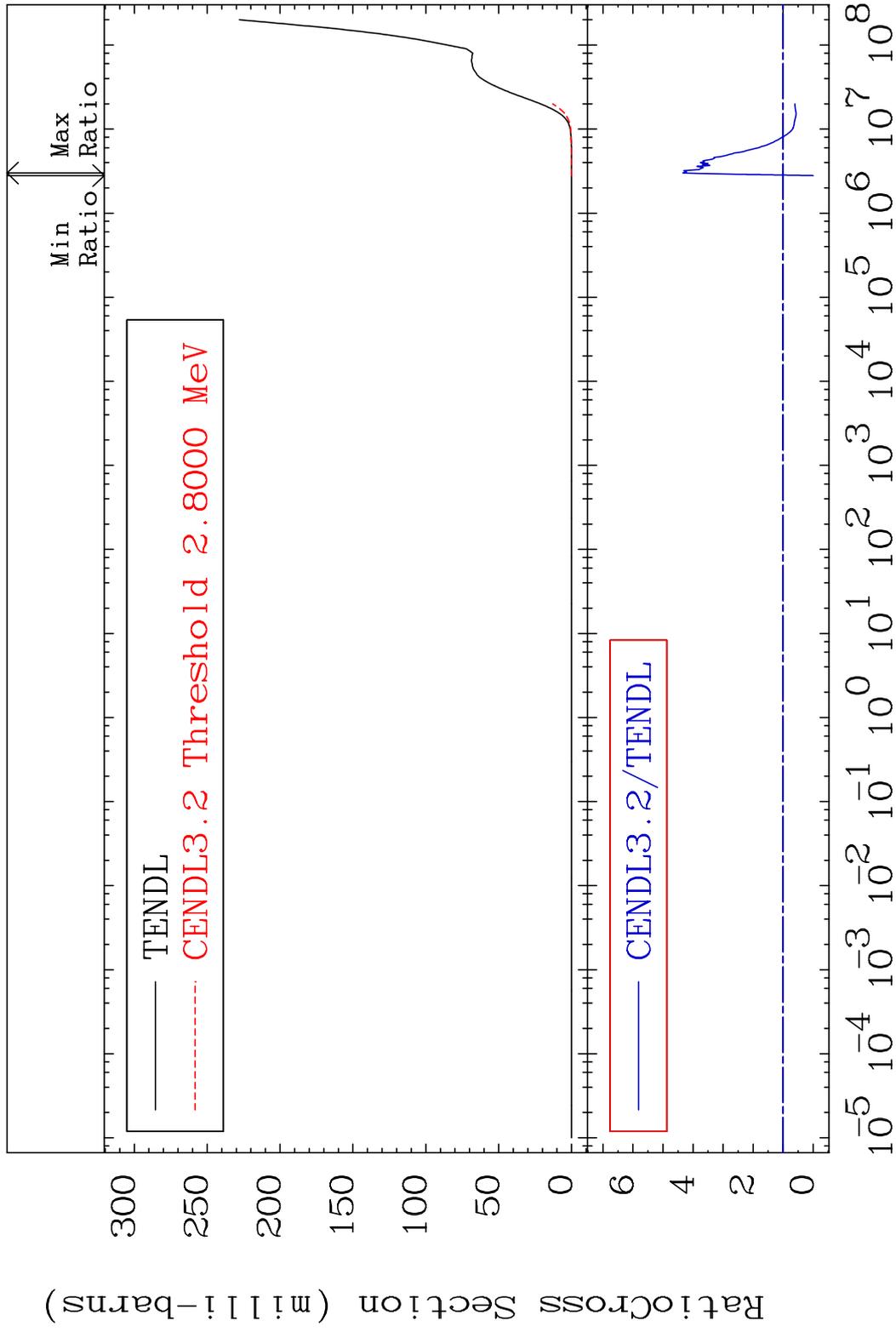
34-Se-79

MAT 3440

He-4 Production

34-Se-79

Cross Section -100.0 To 334.0 %

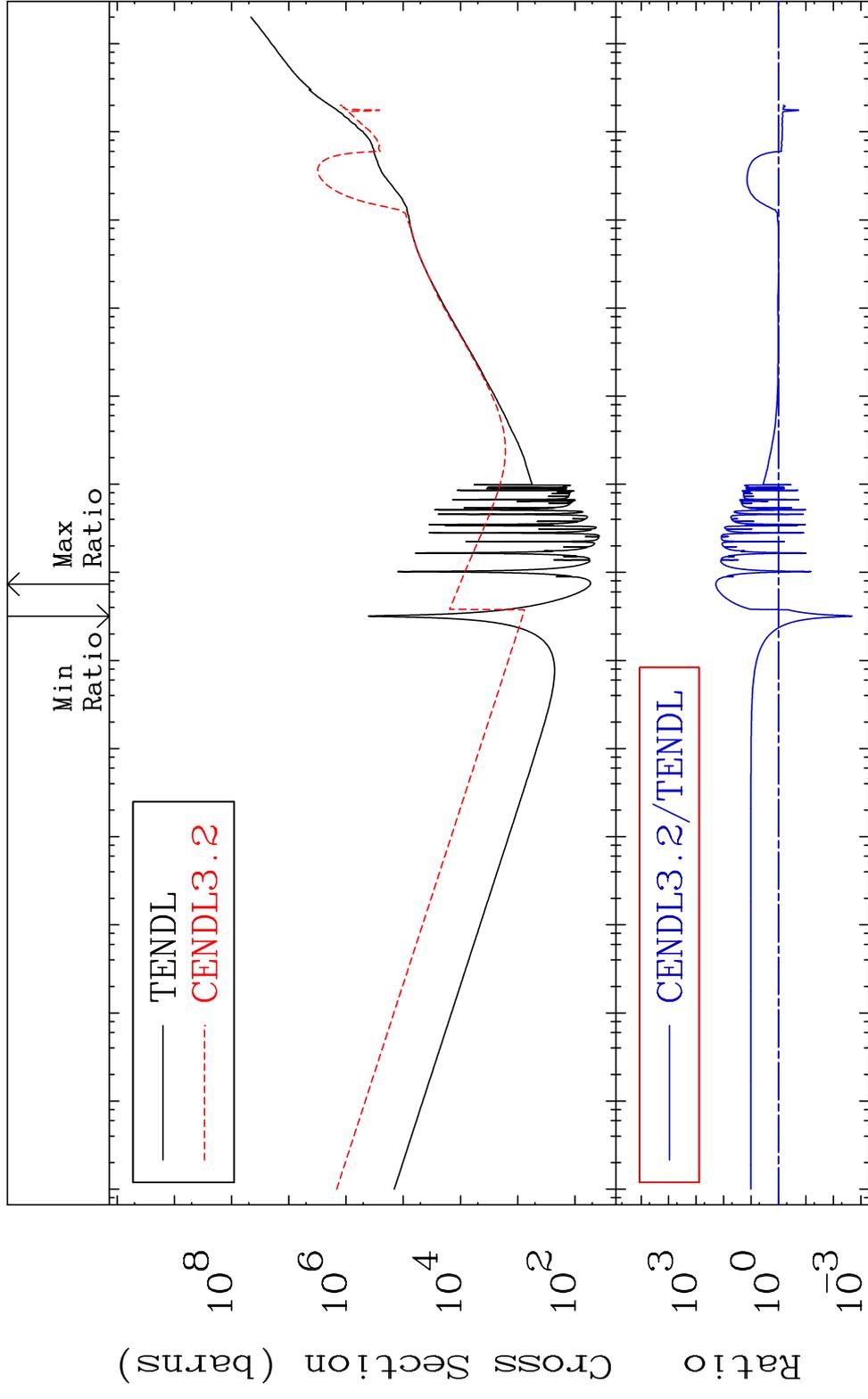


31

Incident Energy (eV)

34-Se-79

MAT 3440 Kerma total (eV-barns) 34-Se-79
 Cross Section -99.80 To 9999. %

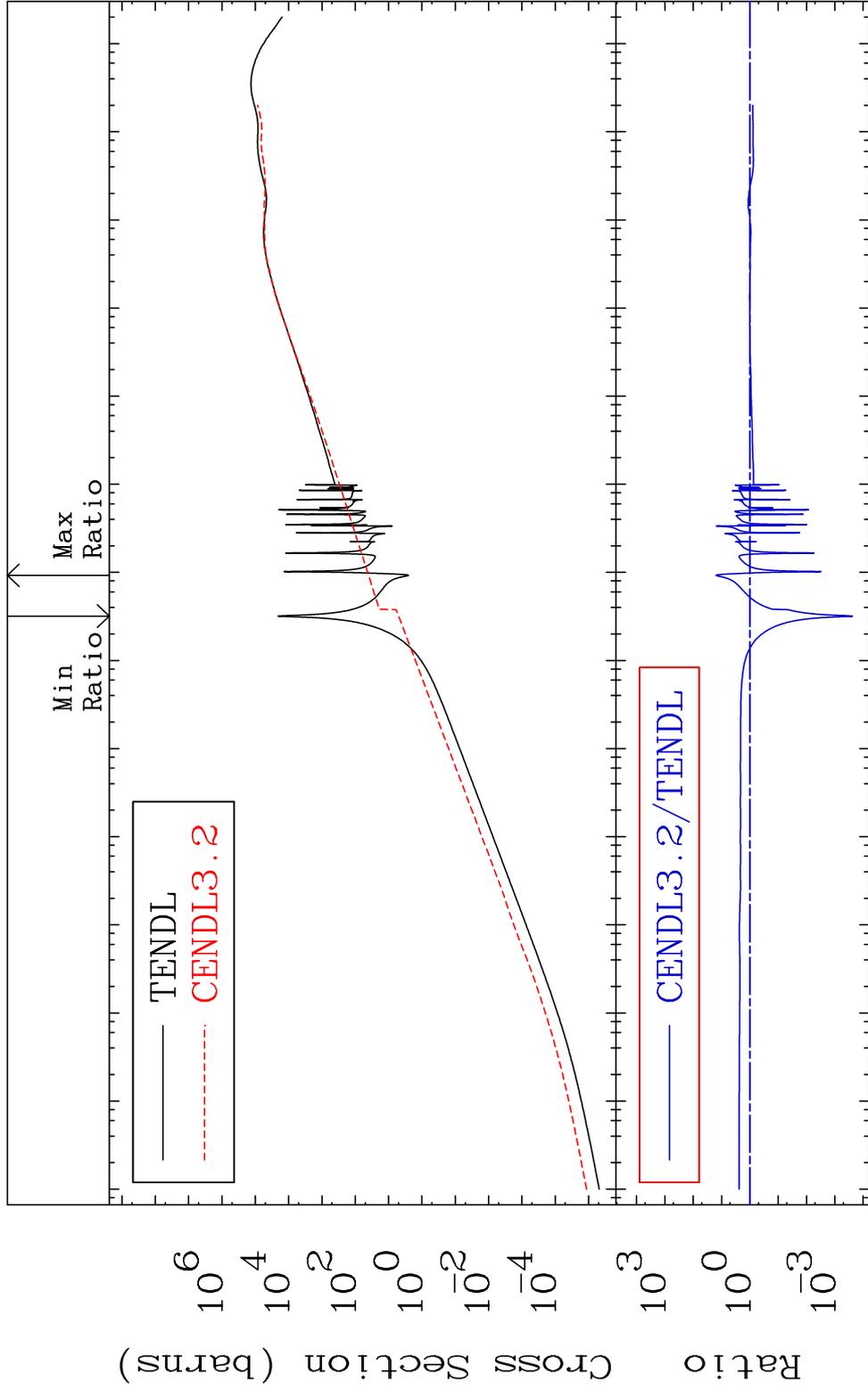


32 Incident Energy (eV) 34-Se-79

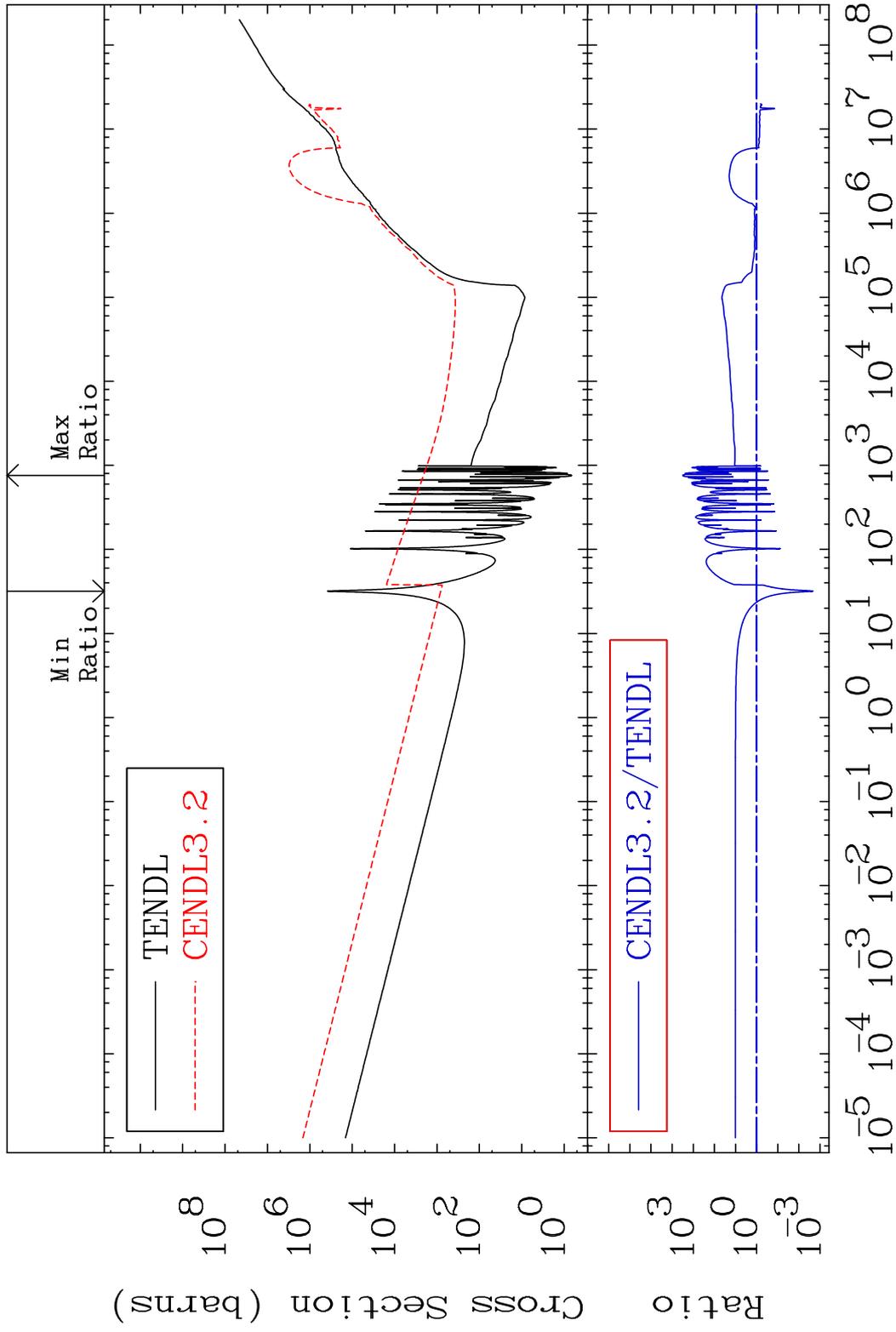
MAT 3440

Kerma elastic
Cross Section -99.98 To 1485. %

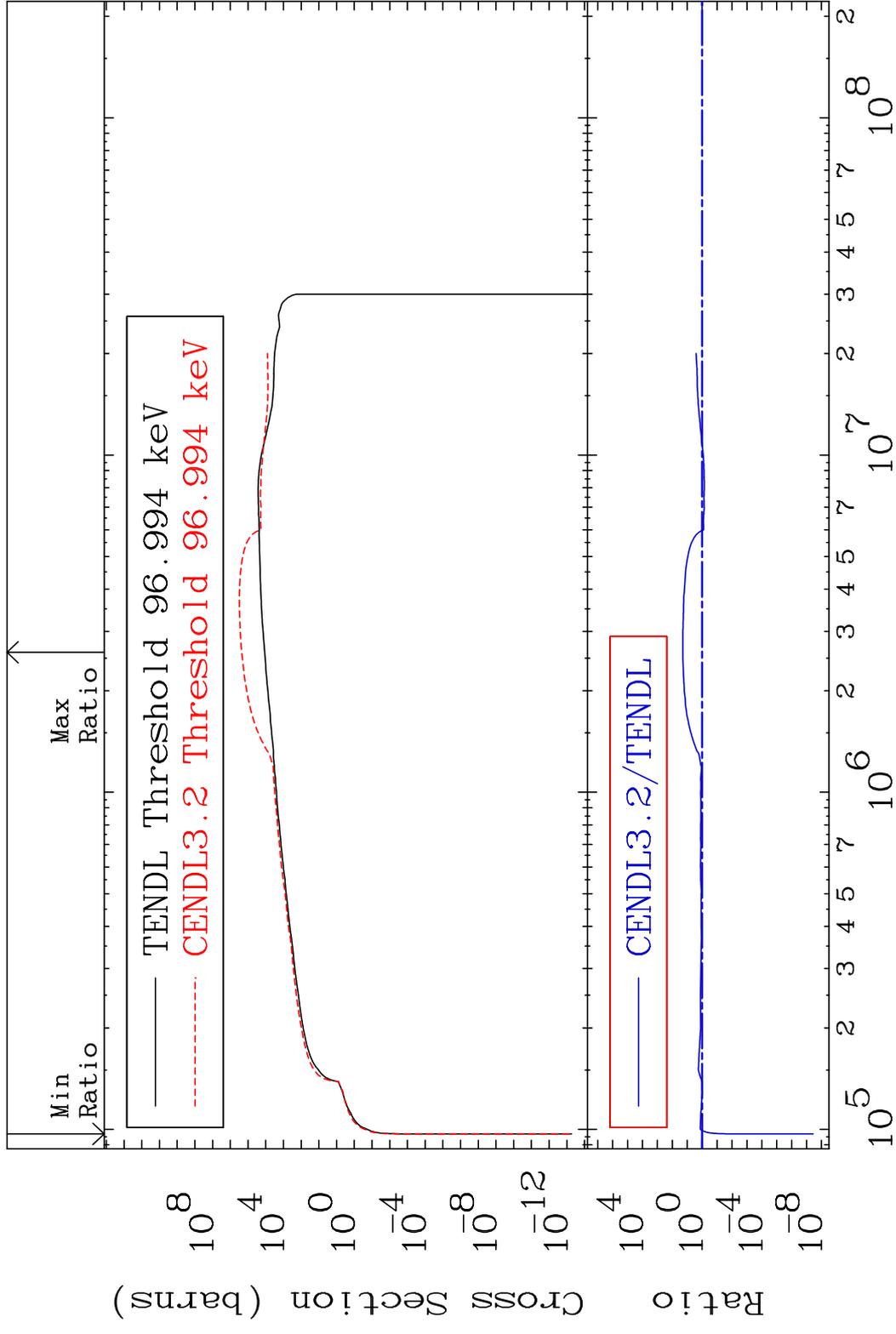
34-Se-79



MAT 3440 Kerma non-elastic (all but mt2) 34-Se-79
 Cross Section -99.79 To 9999. %

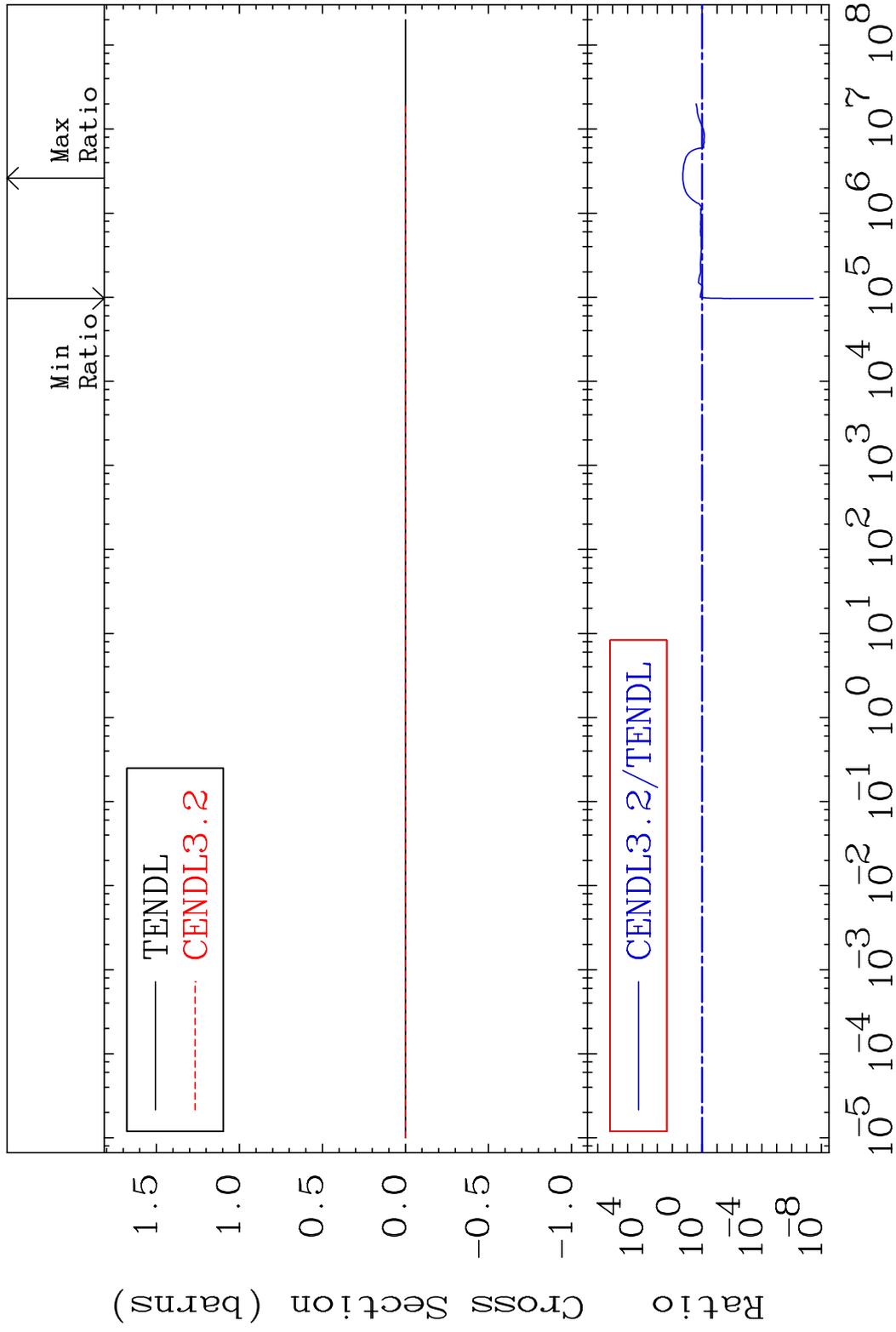


MAT 3440 Kerma inelastic (mt51-91) 34-Se-79
 Cross Section -100.0 To 1873. %



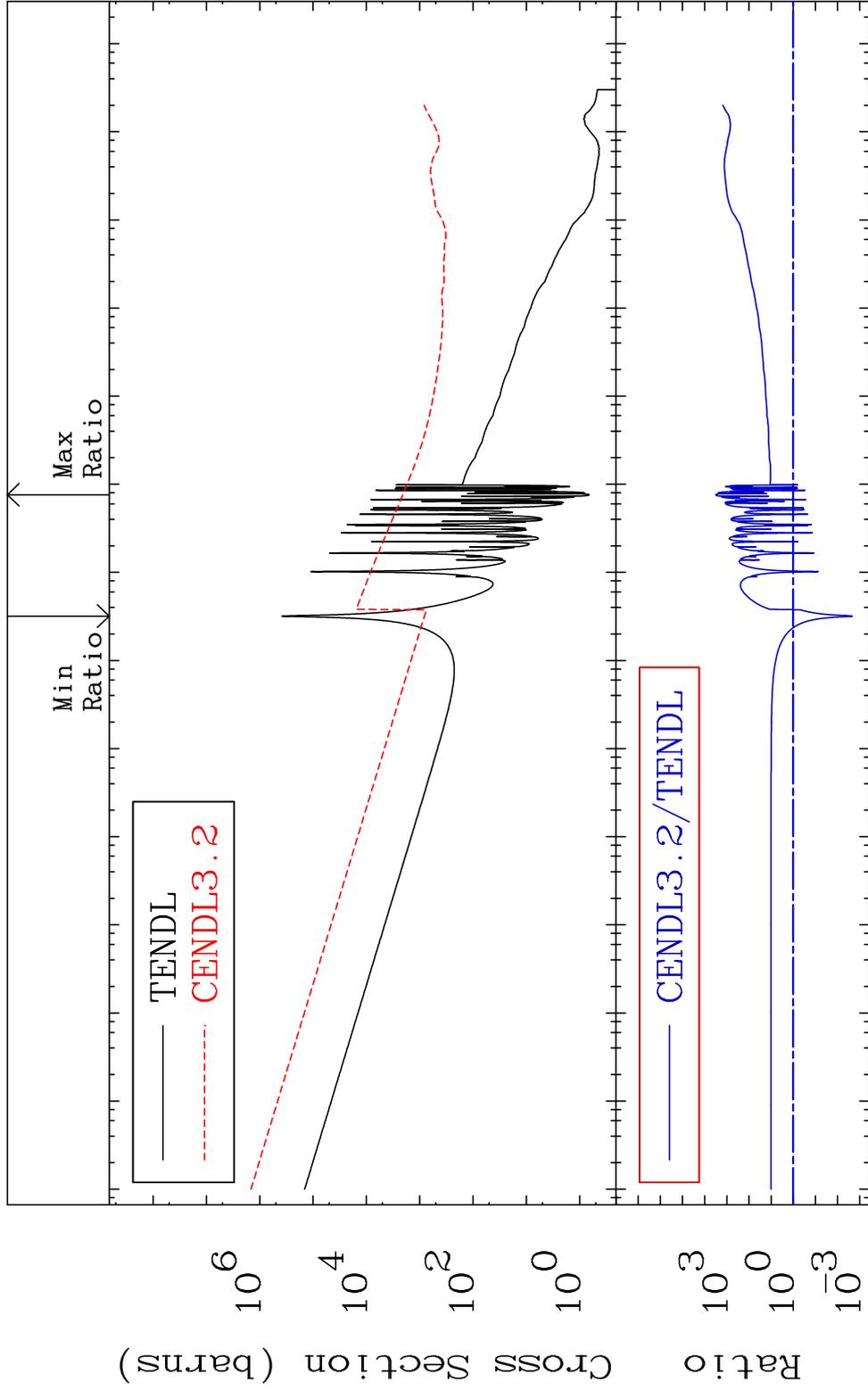
35 Incident Energy (eV) 34-Se-79

MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-^{Se}-79
 Cross Section -100.0 To 1873. %

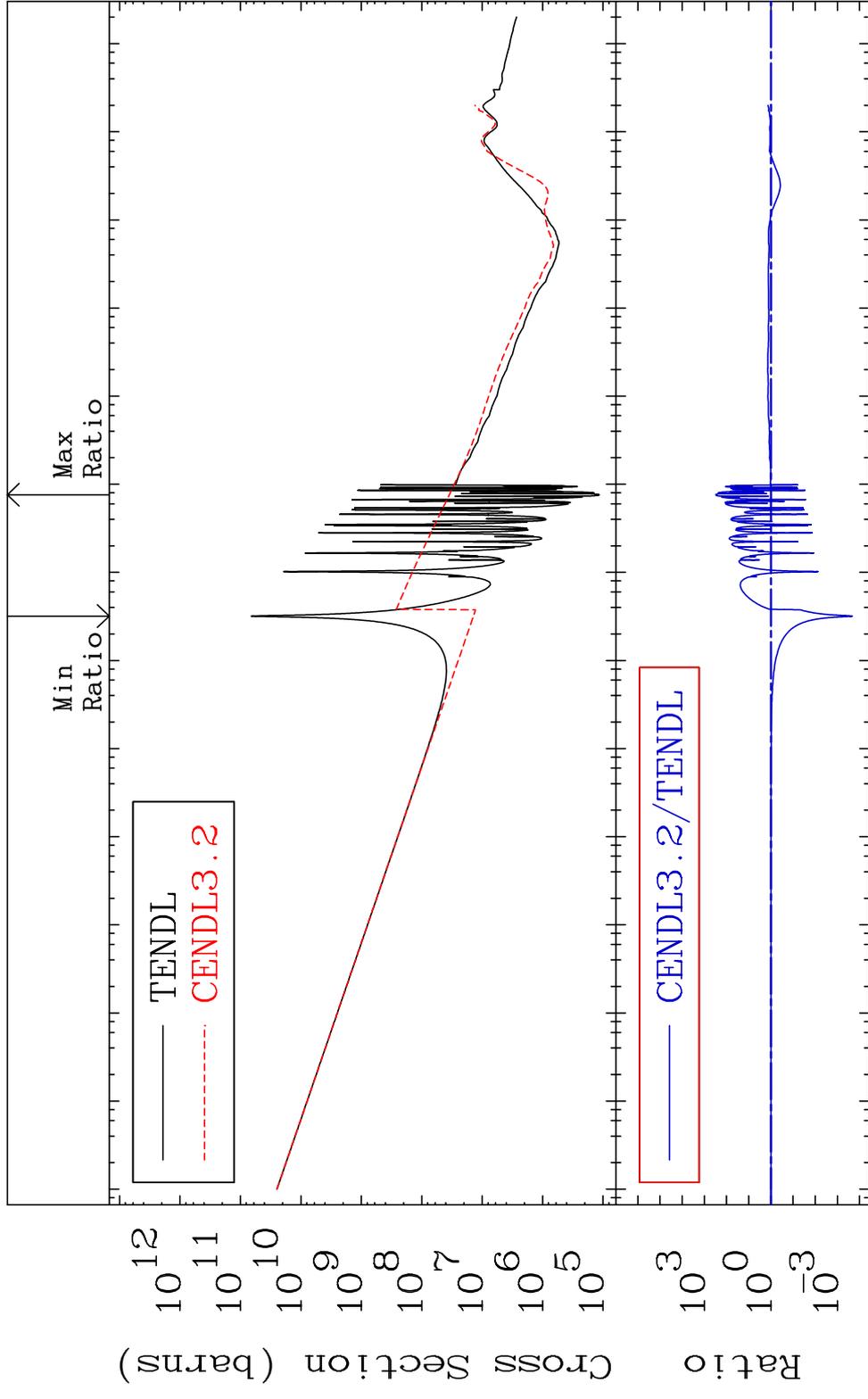


MAT 3440

Kerma capture (mt102) 34-Se-79
Cross Section -99.79 To 9999. %

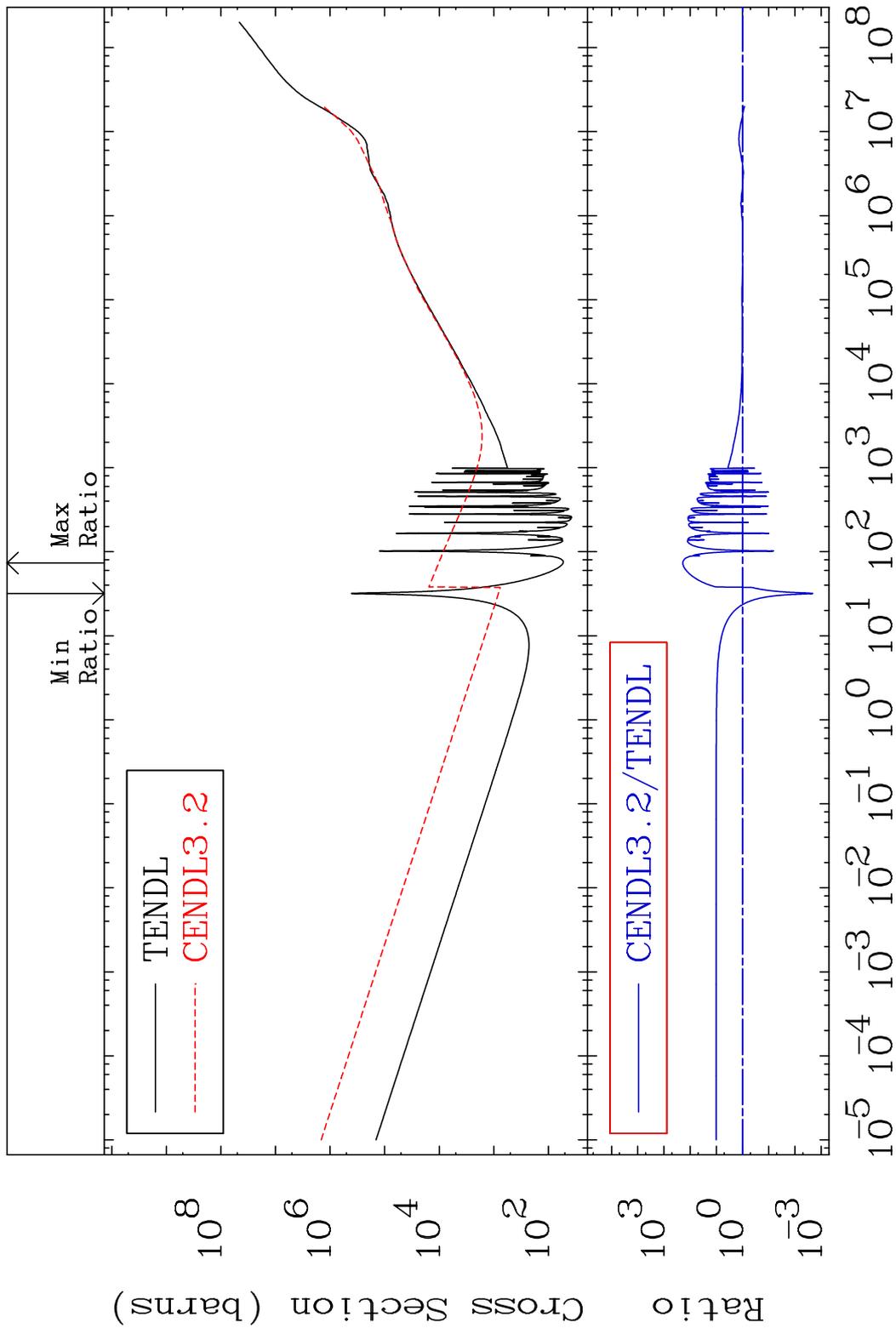


MAT 3440 Total photon (eV-barns) 34-Se-79
 Cross Section -99.98 To 9999. %



38 Incident Energy (eV) 34-Se-79

MAT 3440 Total kinematic kerma (high limit) 34-Se-79
 Cross Section -99.80 To 9999. %

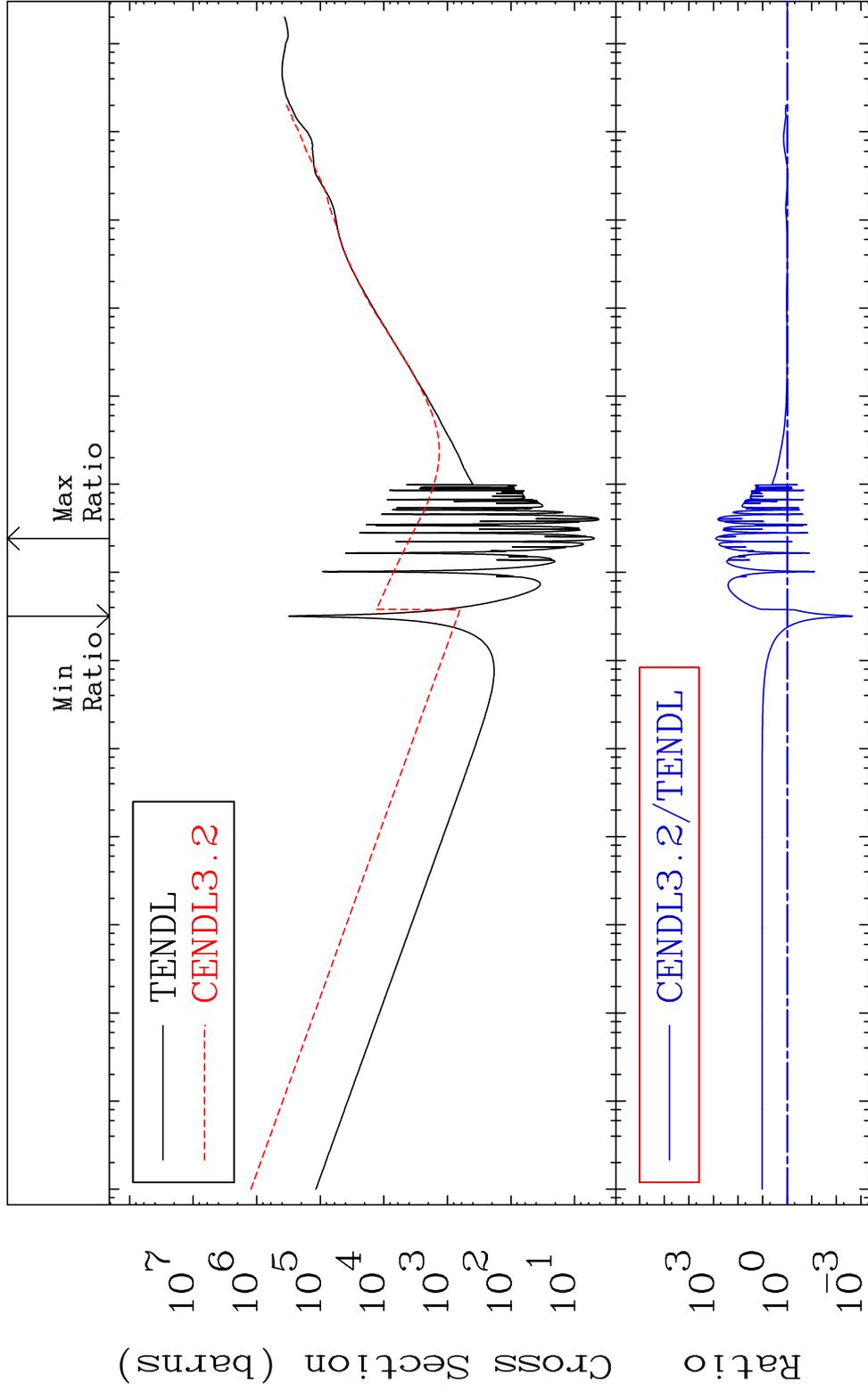


MAT 3440

Dpa total (eV-barns)

34-Se-79

Cross Section -99.78 To 9999. %



40

Incident Energy (eV)

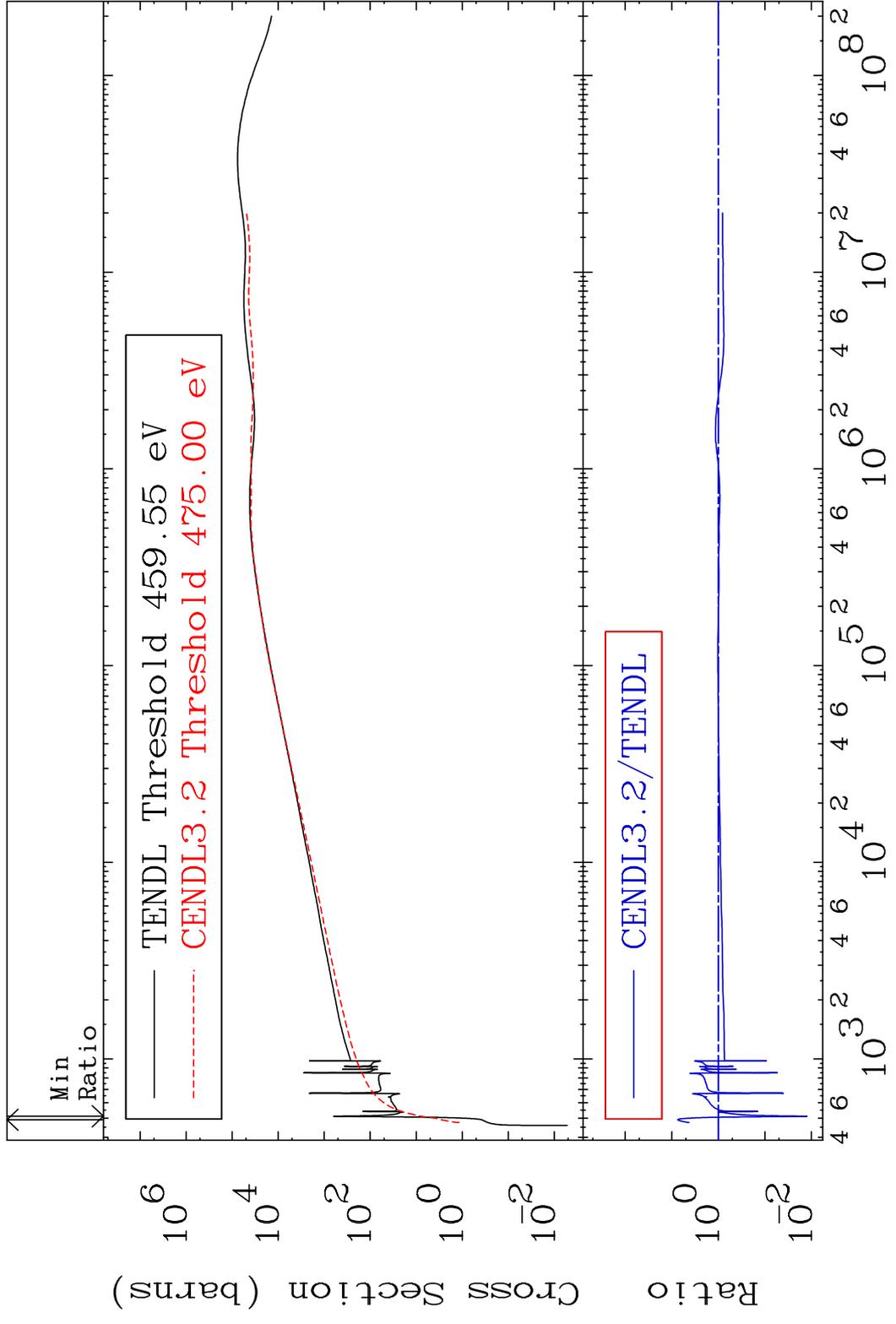
34-Se-79

MAT 3440

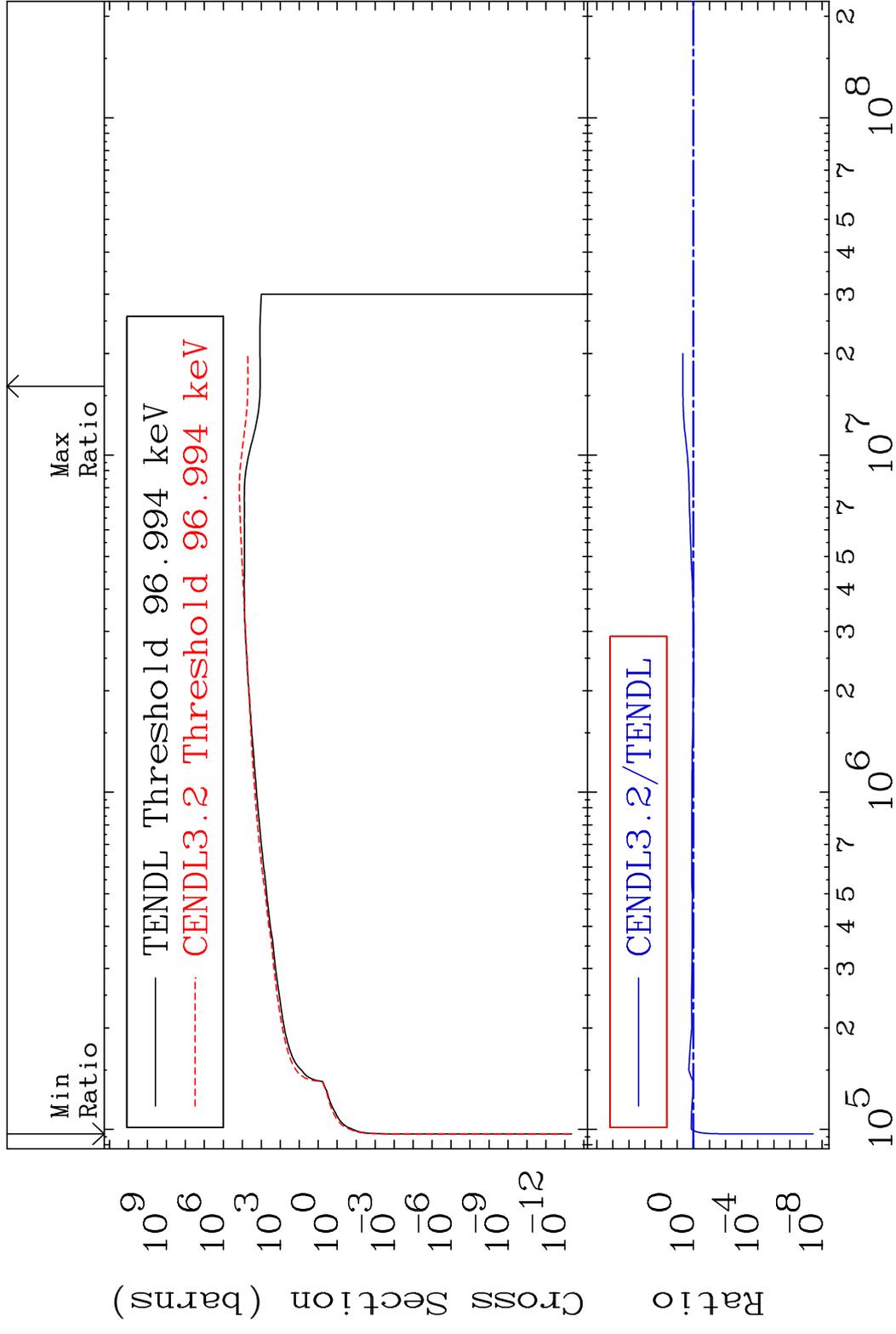
Dpa elastic (mt2)

34-Se-79

Cross Section -98.75 To 648.1 %

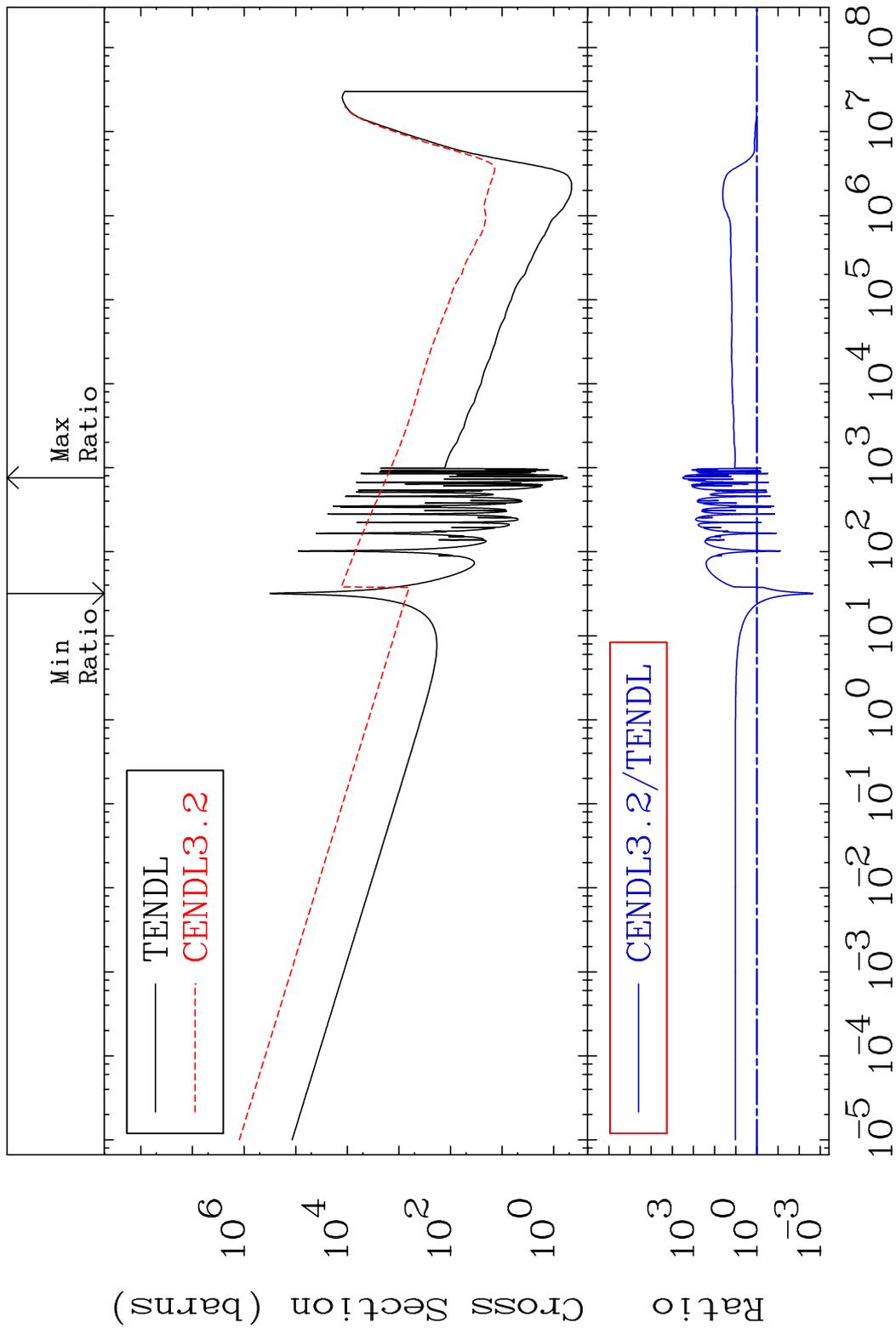


MAT 3440 Dpa inelastic (mt51-91) 34-Se-79
 Cross Section -100.0 To 350.9 %

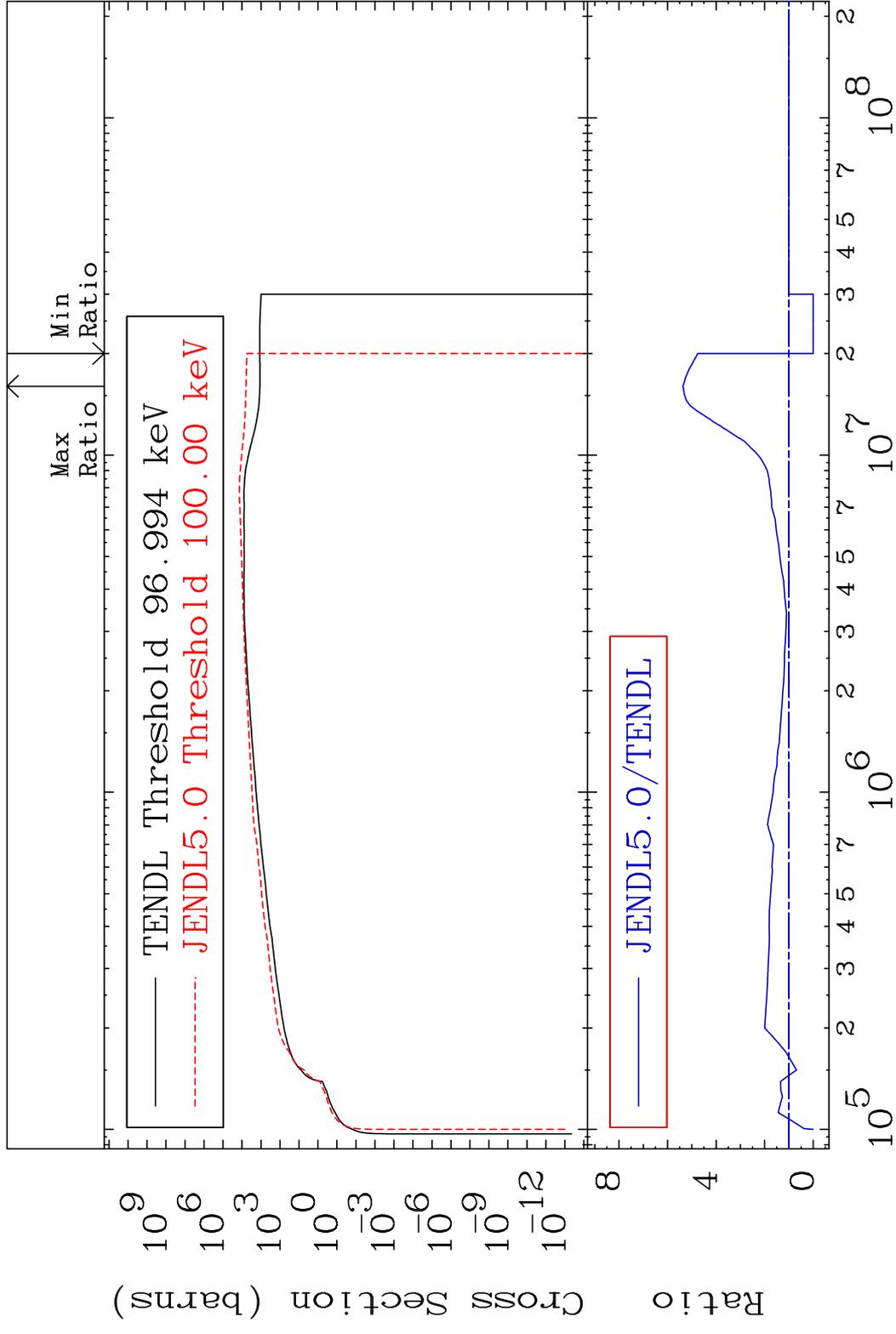


42 Incident Energy (eV) 34-Se-79

MAT 3440 Dpa disappearance (mt102 -120) 34-Se-79
 Cross Section -99.78 To 9999. %

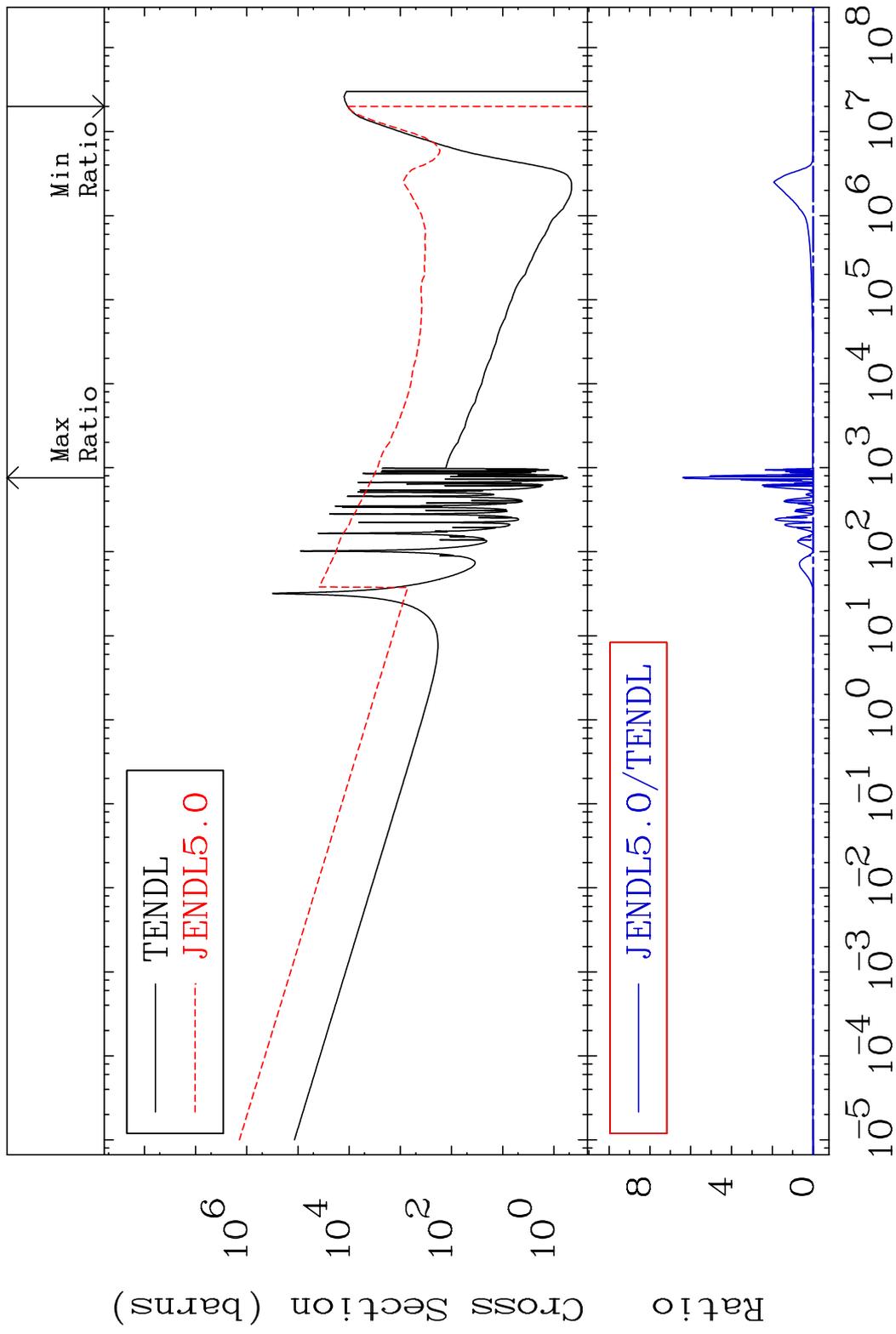


MAT 3440 Dpa inelastic (mt51-91) 34-Se-79
 Cross Section -100.0 To 437.1 %



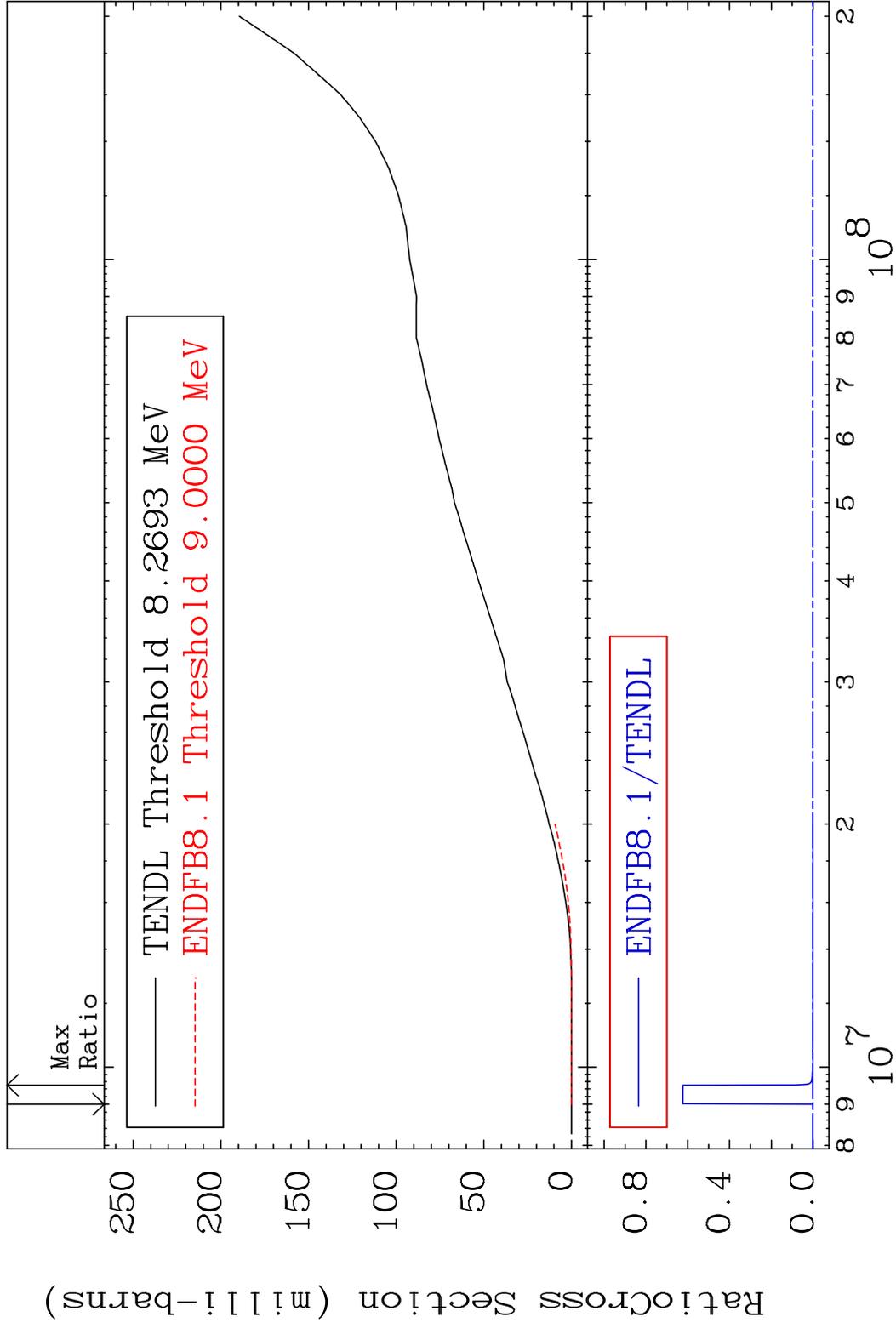
44 Incident Energy (eV) 34-Se-79

MAT 3440 Dpa disappearance (mt102 -120) 34-Se-79
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 34-Se-79

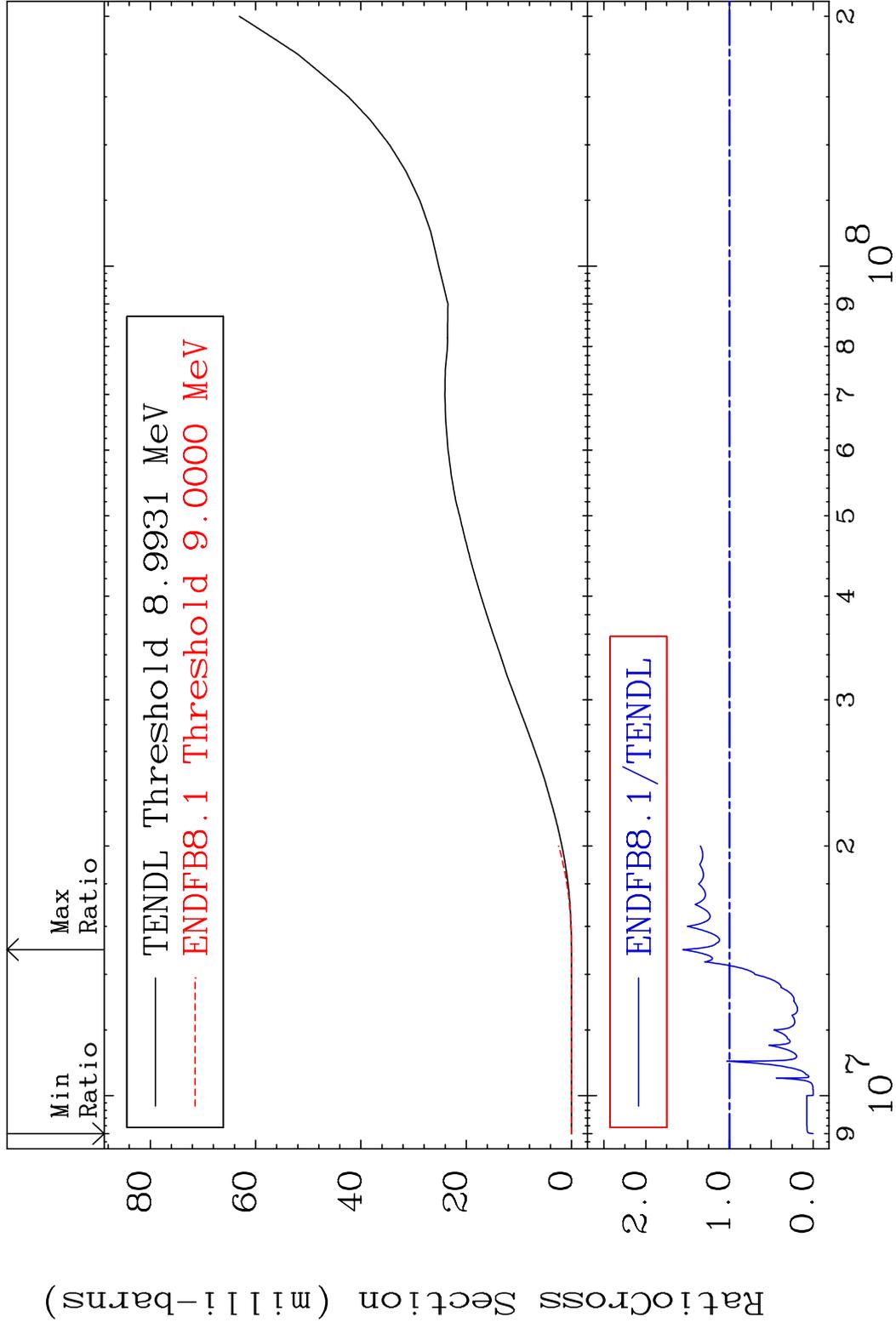
MAT 3440 Deuterium Production 34-Se-79
 Cross Section -100.0 To 9999. %



46 Incident Energy (eV) 34-Se-79

MAT 3440

Tritium Production 34-Se-79
Cross Section -100.0 To 55.74 %



47

Incident Energy (eV)

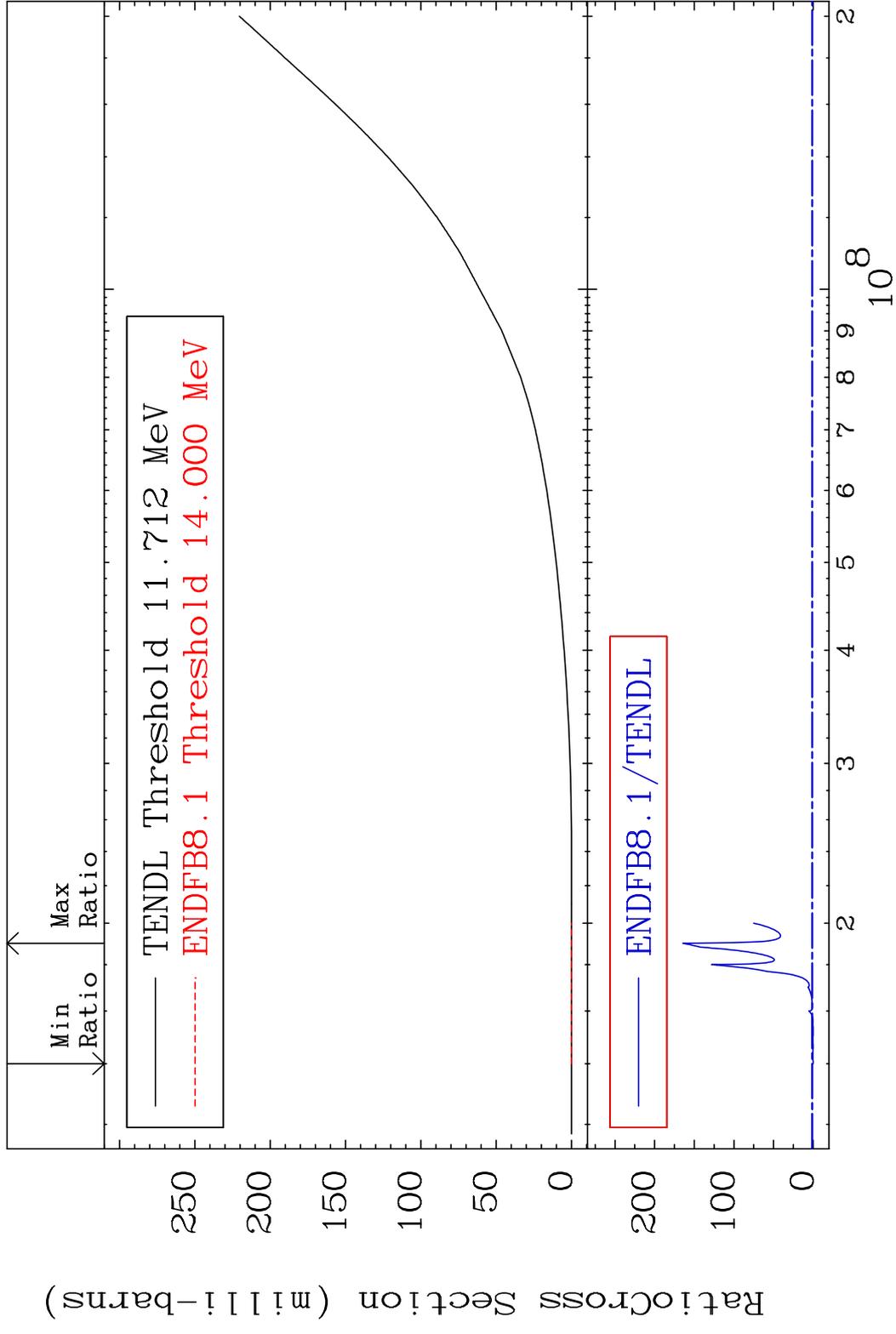
34-Se-79

MAT 3440

He-3 Production

34-Se-79

Cross Section -100.0 To 9999. %

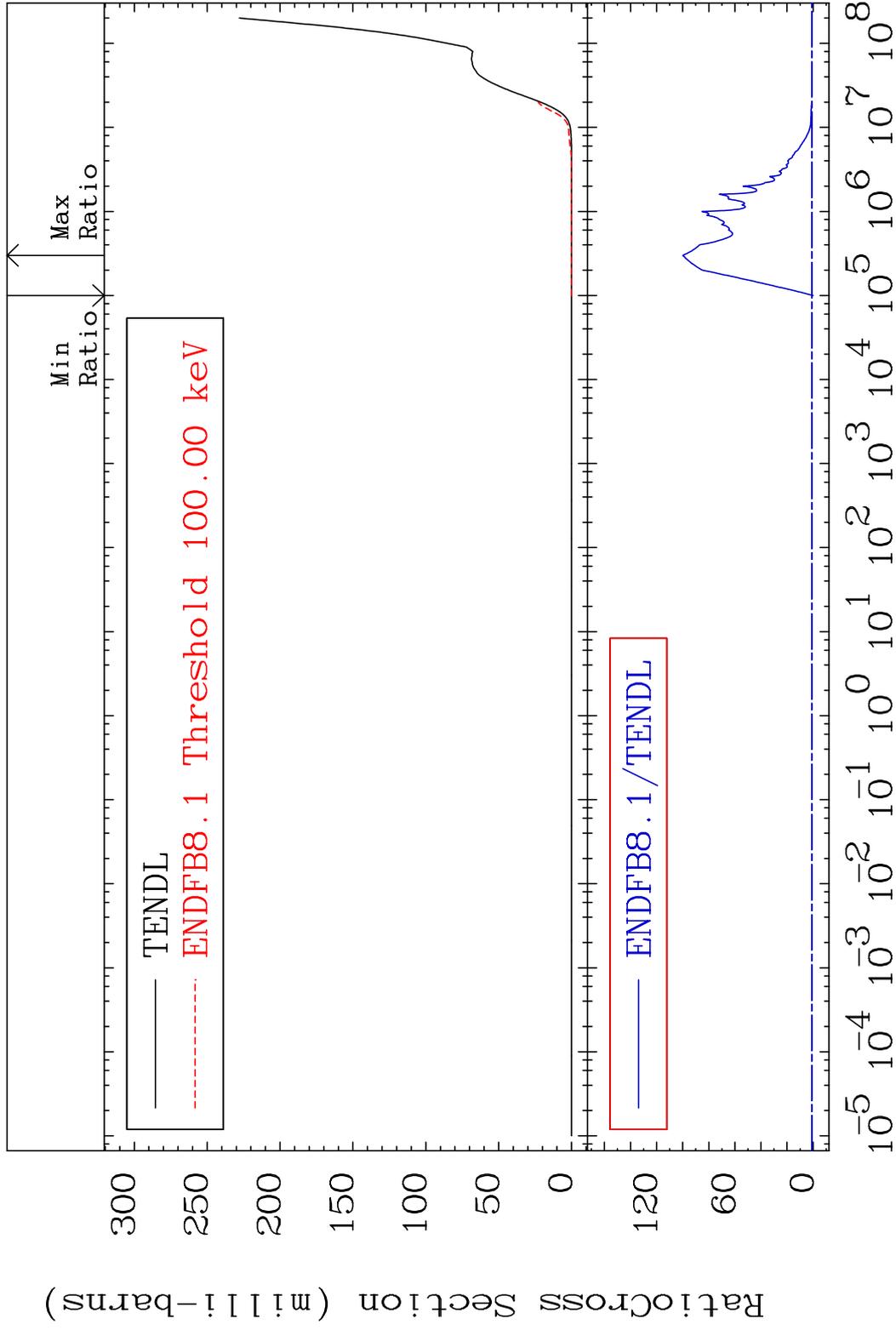


MAT 3440

He-4 Production

34-Se-79

Cross Section -100.0 To 9890. %

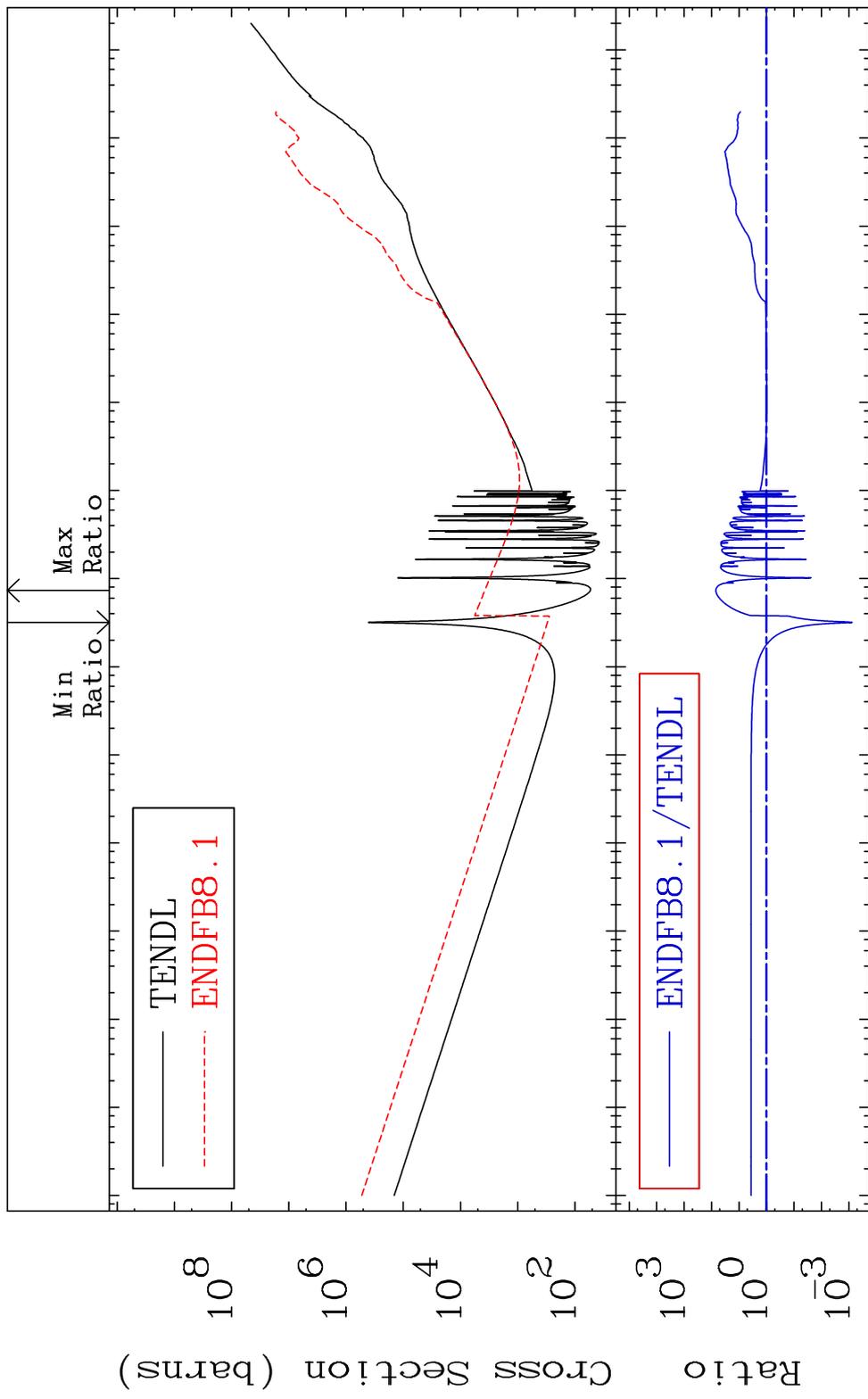


49

Incident Energy (eV)

34-Se-79

MAT 3440 Kerma total (eV-barns) 34-Se-79
 Cross Section -99.93 To 6878. %

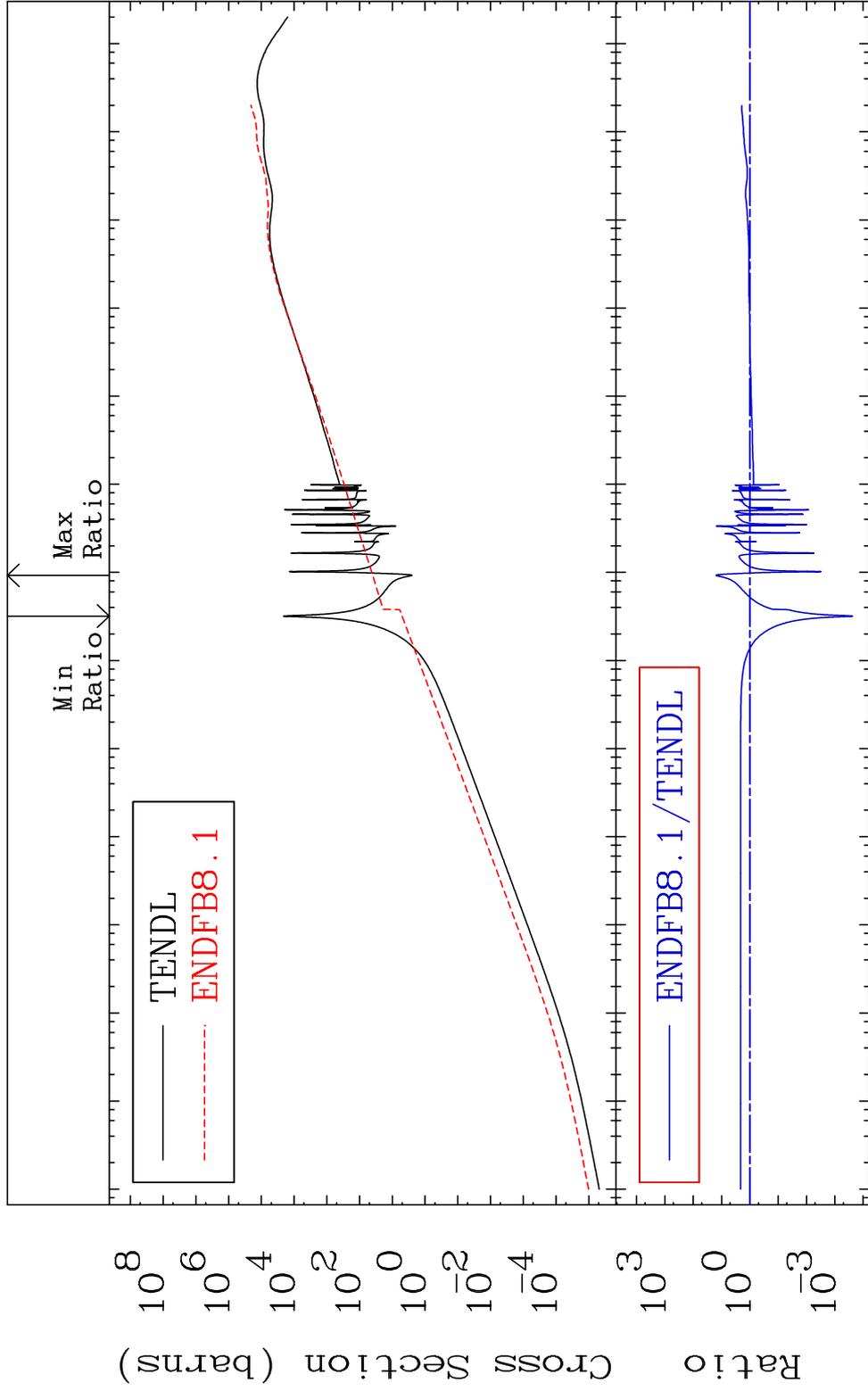


50 Incident Energy (eV) 34-Se-79

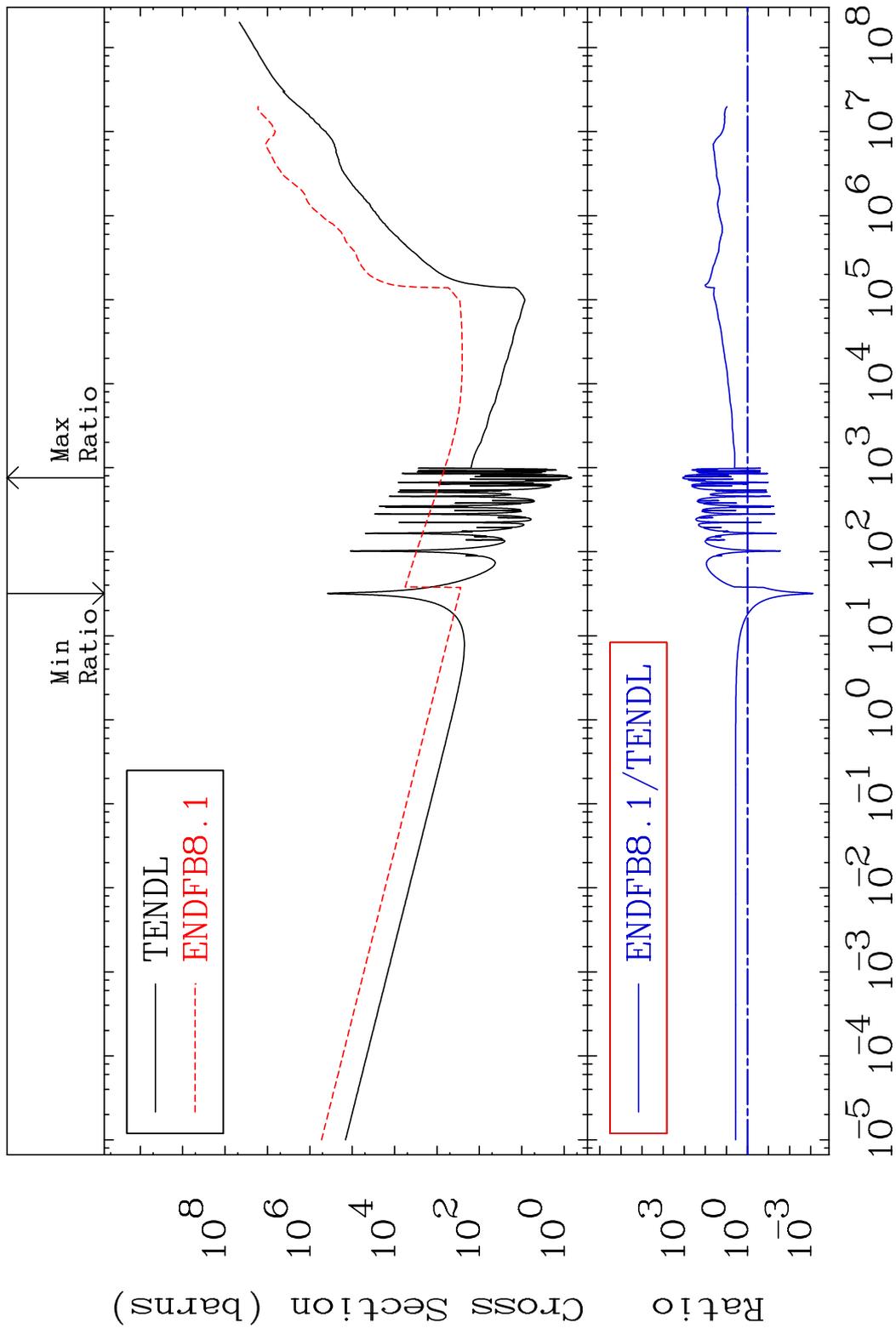
MAT 3440

Kerma elastic
Cross Section -99.98 To 1485. %

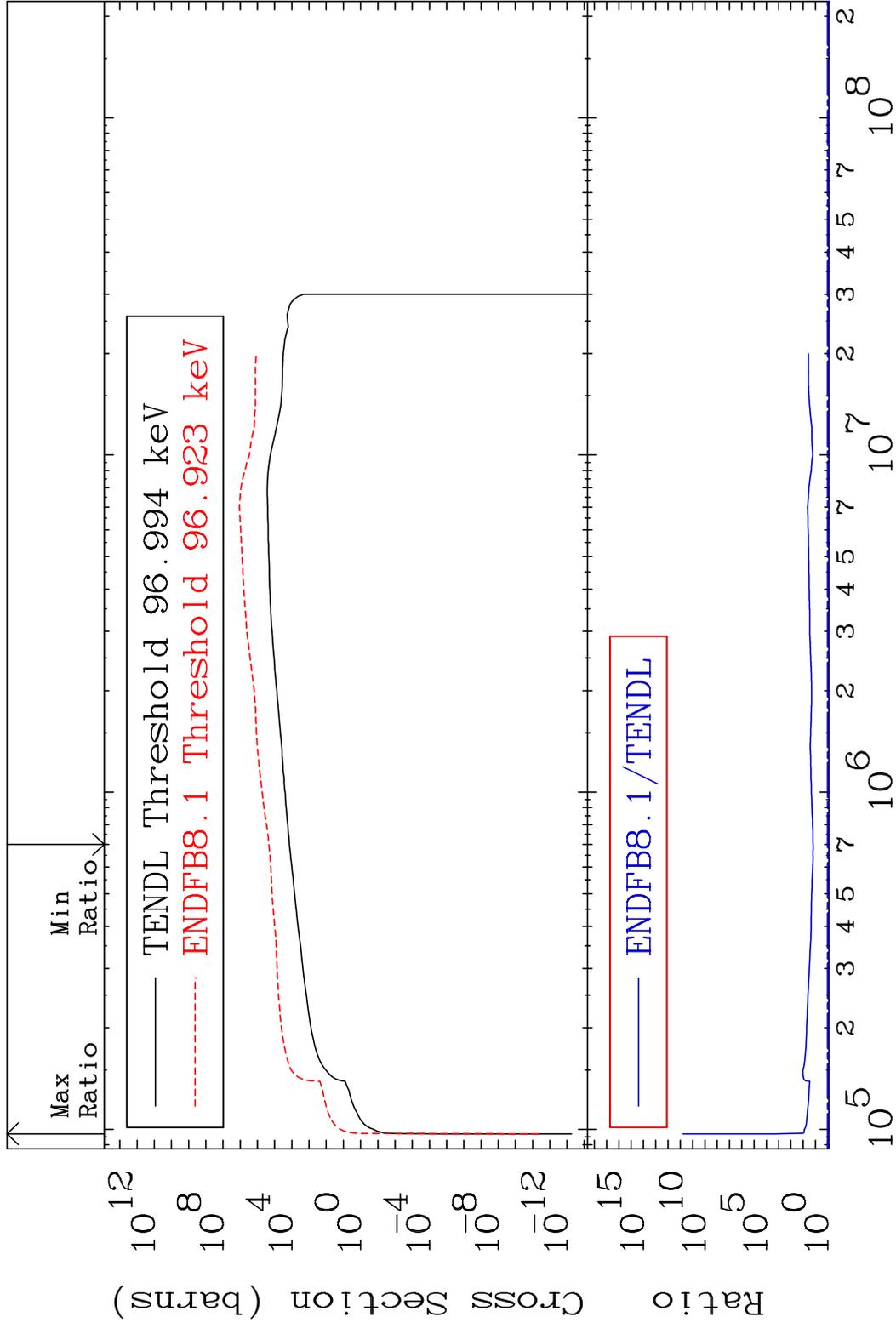
34-Se-79



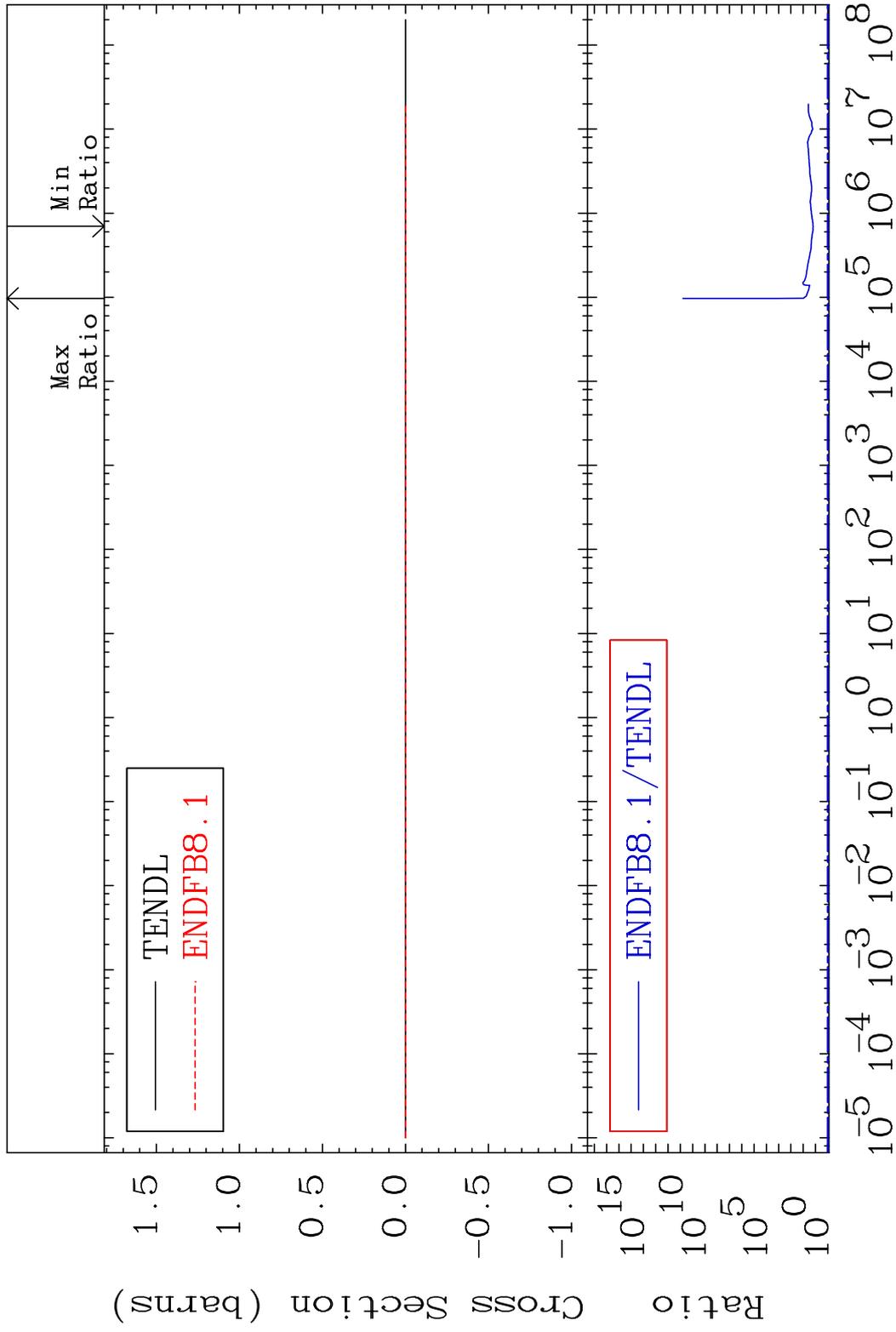
MAT 3440 Kerma non-elastic (all but mt2) 34-Se-79
 Cross Section -99.92 To 9999. %



MAT 3440 Kerma inelastic (mt51-91) 34-Se-79
 Cross Section 1451. To 9999. %

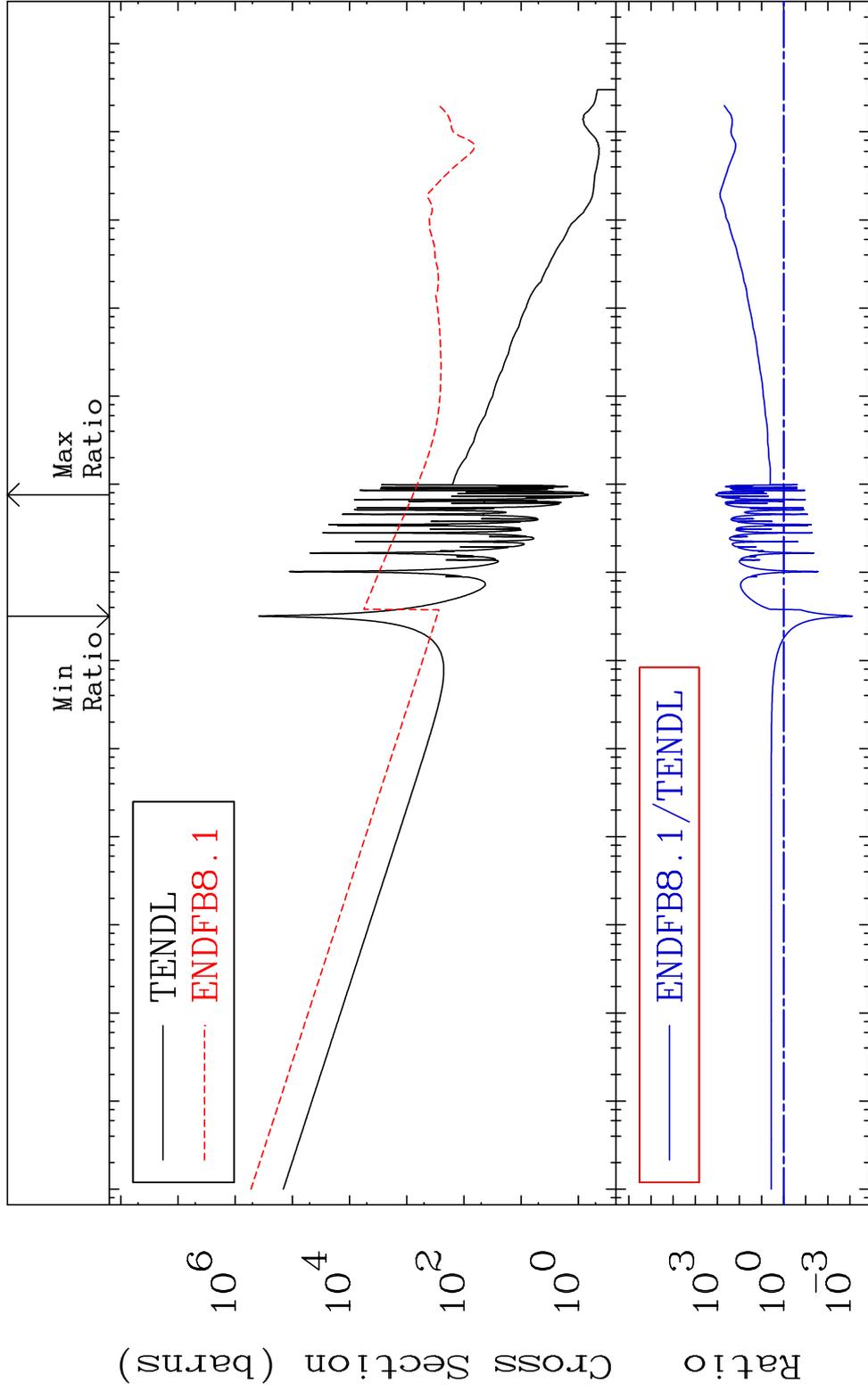


MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-Se-79
 Cross Section 1451. To 9999. %

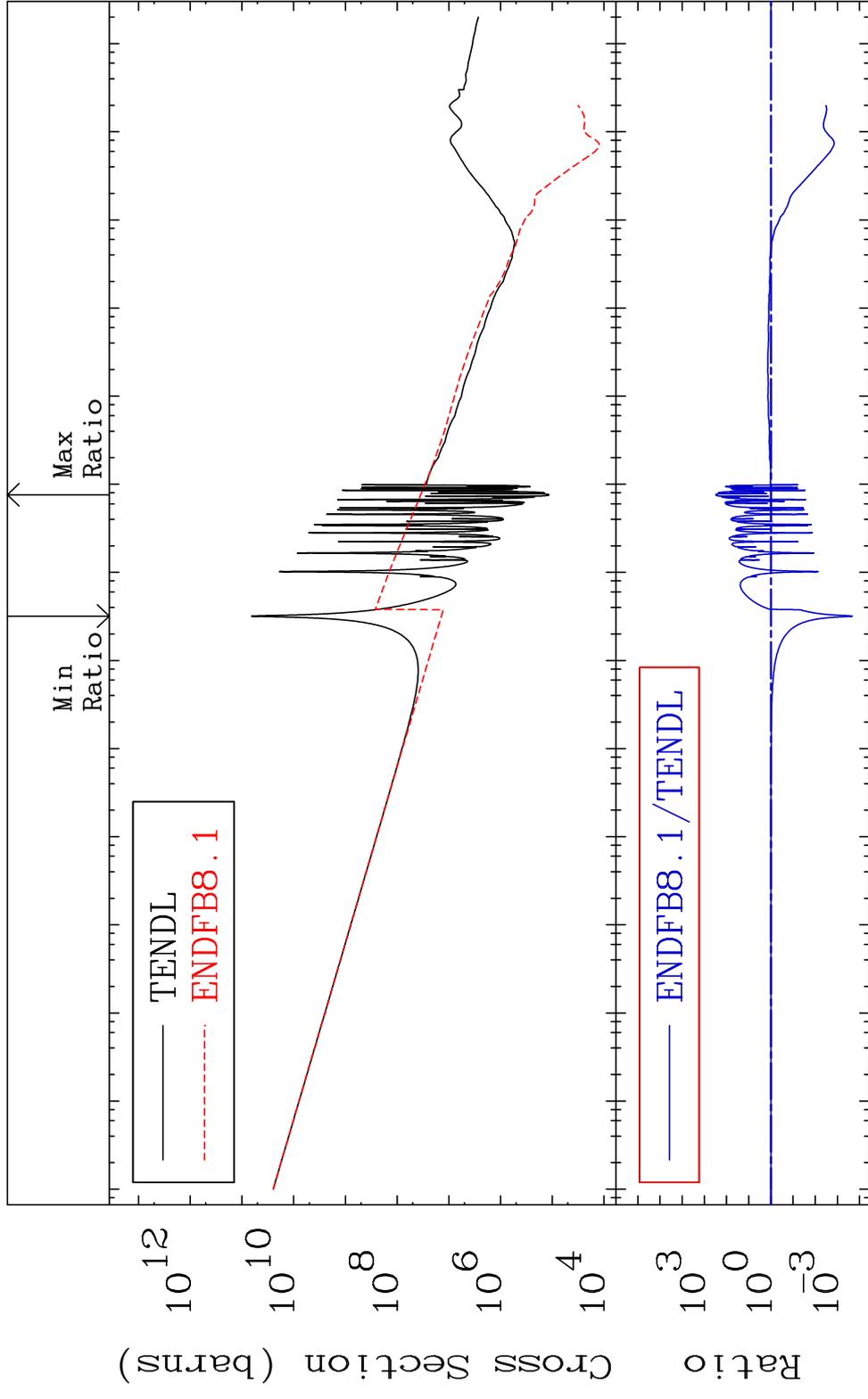


MAT 3440

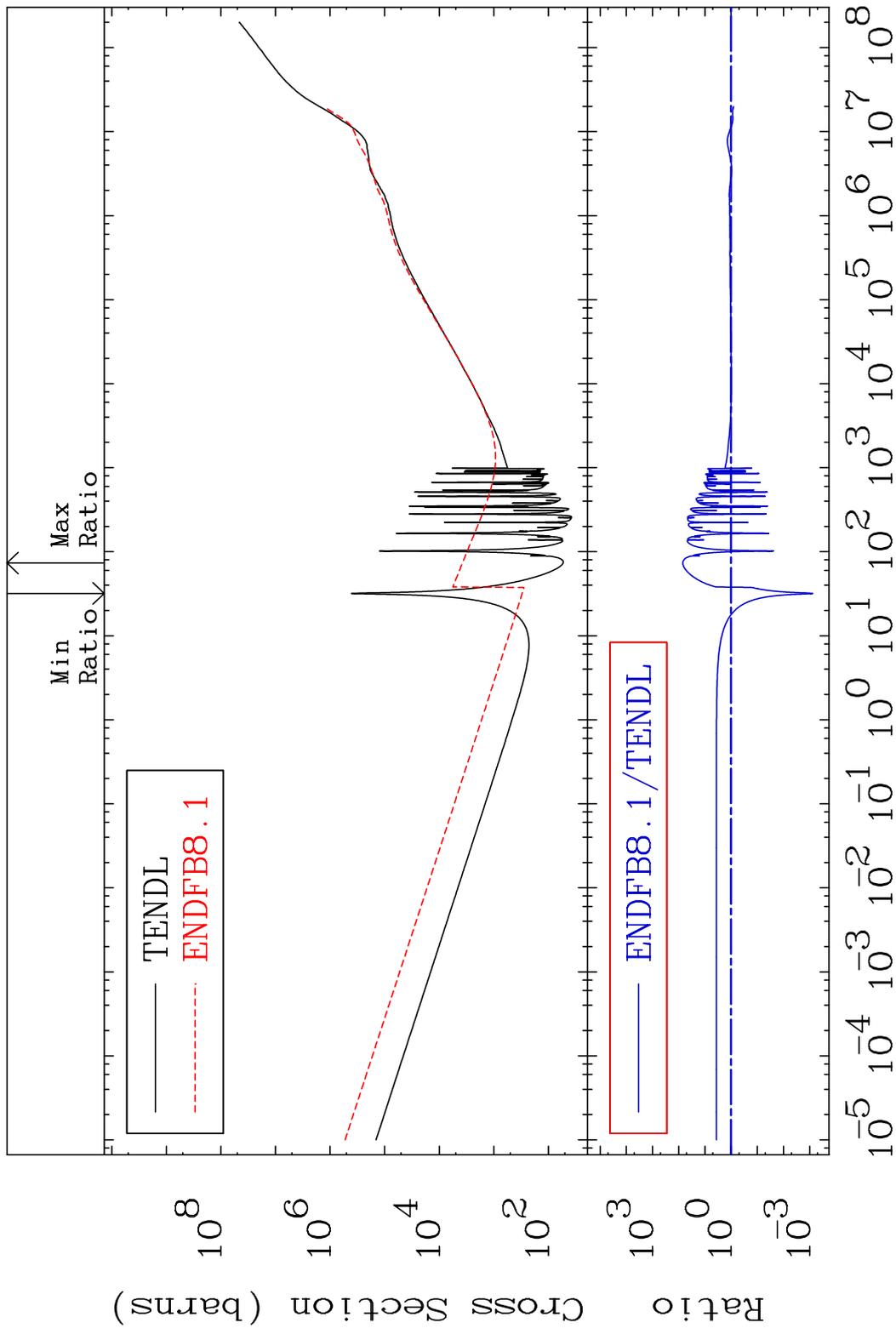
Kerma capture (mt102) 34-Se-79
Cross Section -99.92 To 9999. %



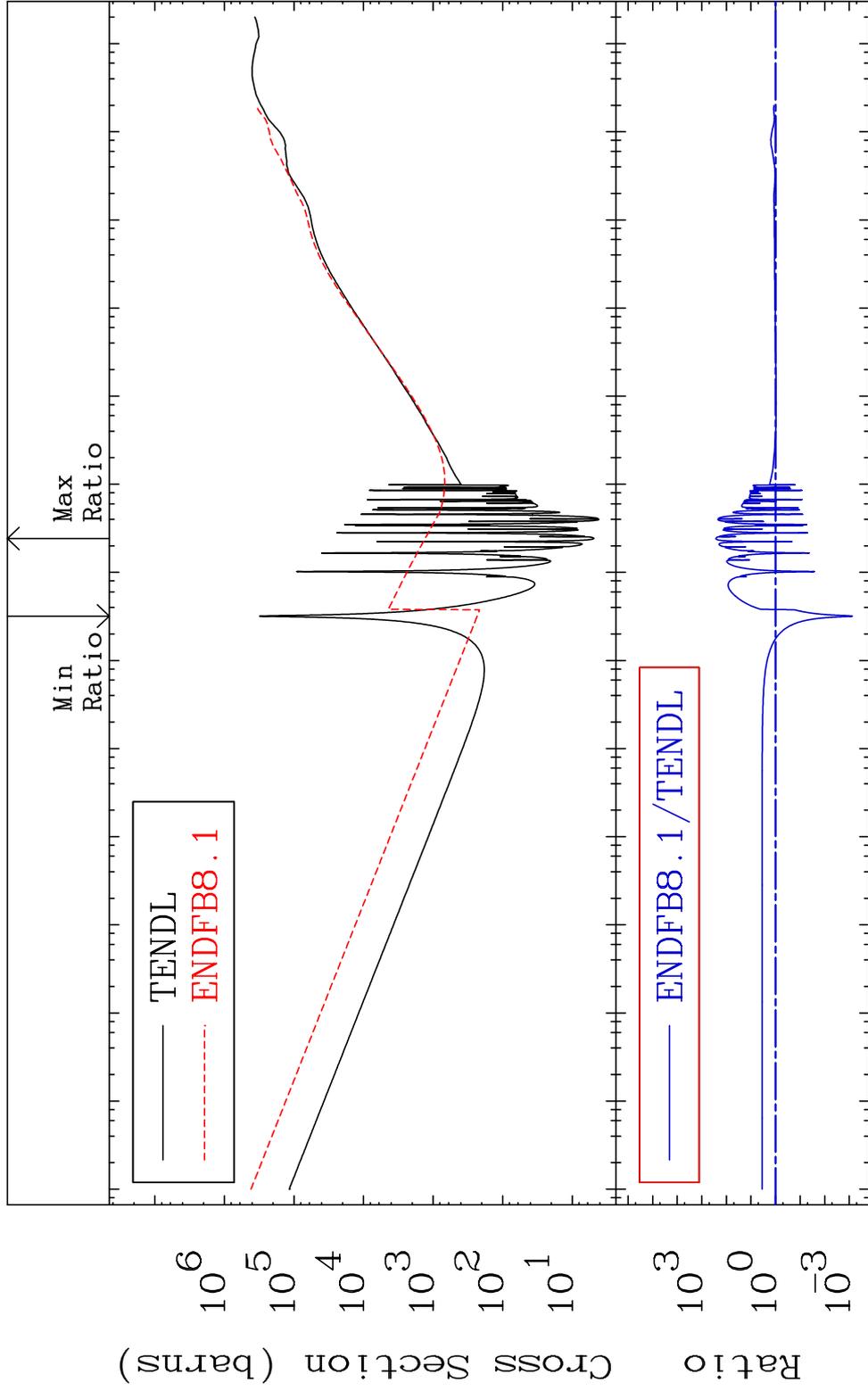
MAT 3440 Total photon (eV-barns) 34-Se-79
 Cross Section -99.98 To 9999. %



MAT 3440 Total kinematic kerma (high limit) 34-Se-79
 Cross Section -99.93 To 6878. %



MAT 3440 Dpa total (eV-barns) 34-Se-79
 Cross Section -99.93 To 9999. %



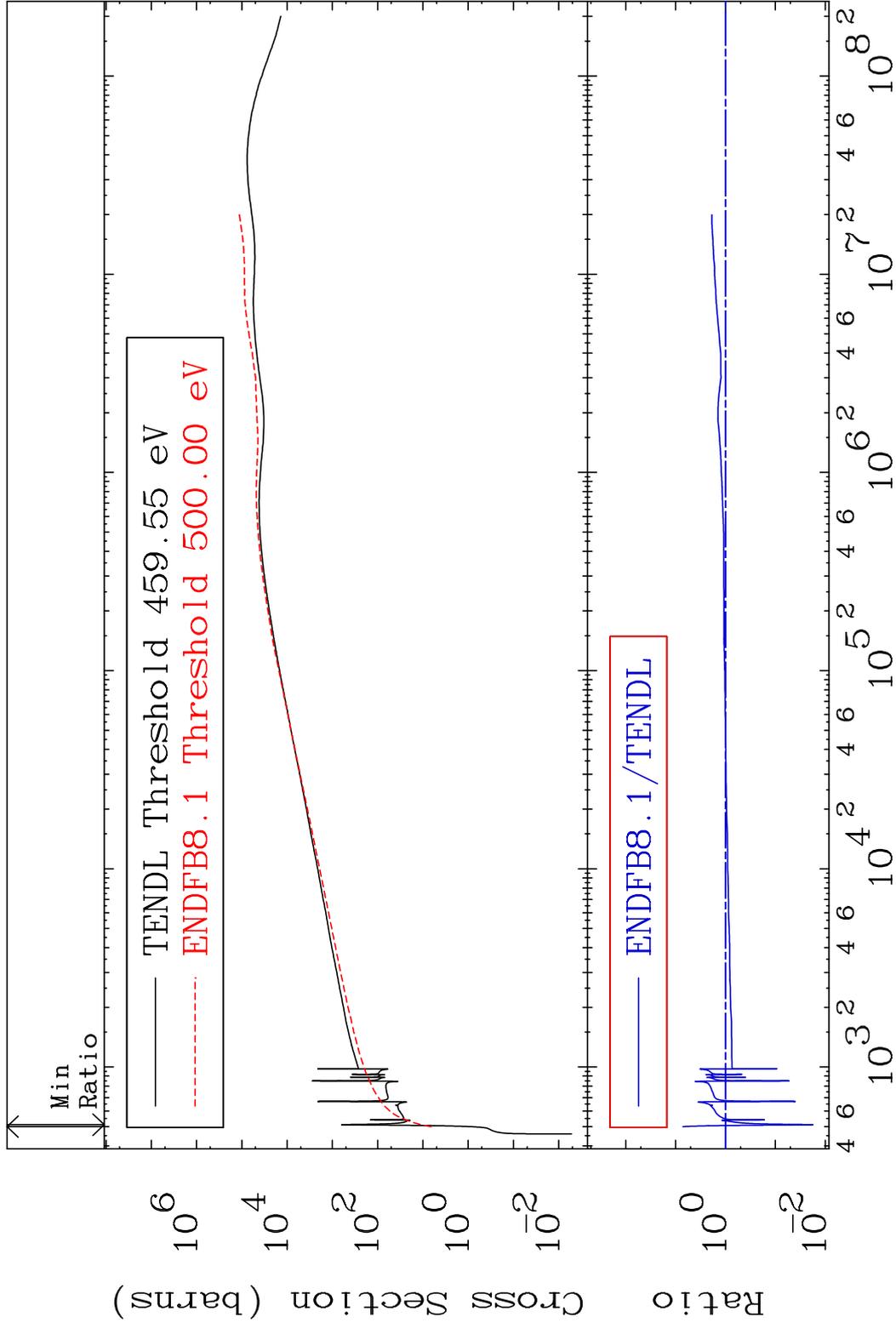
MAT 3440

Dpa elastic (mt2)

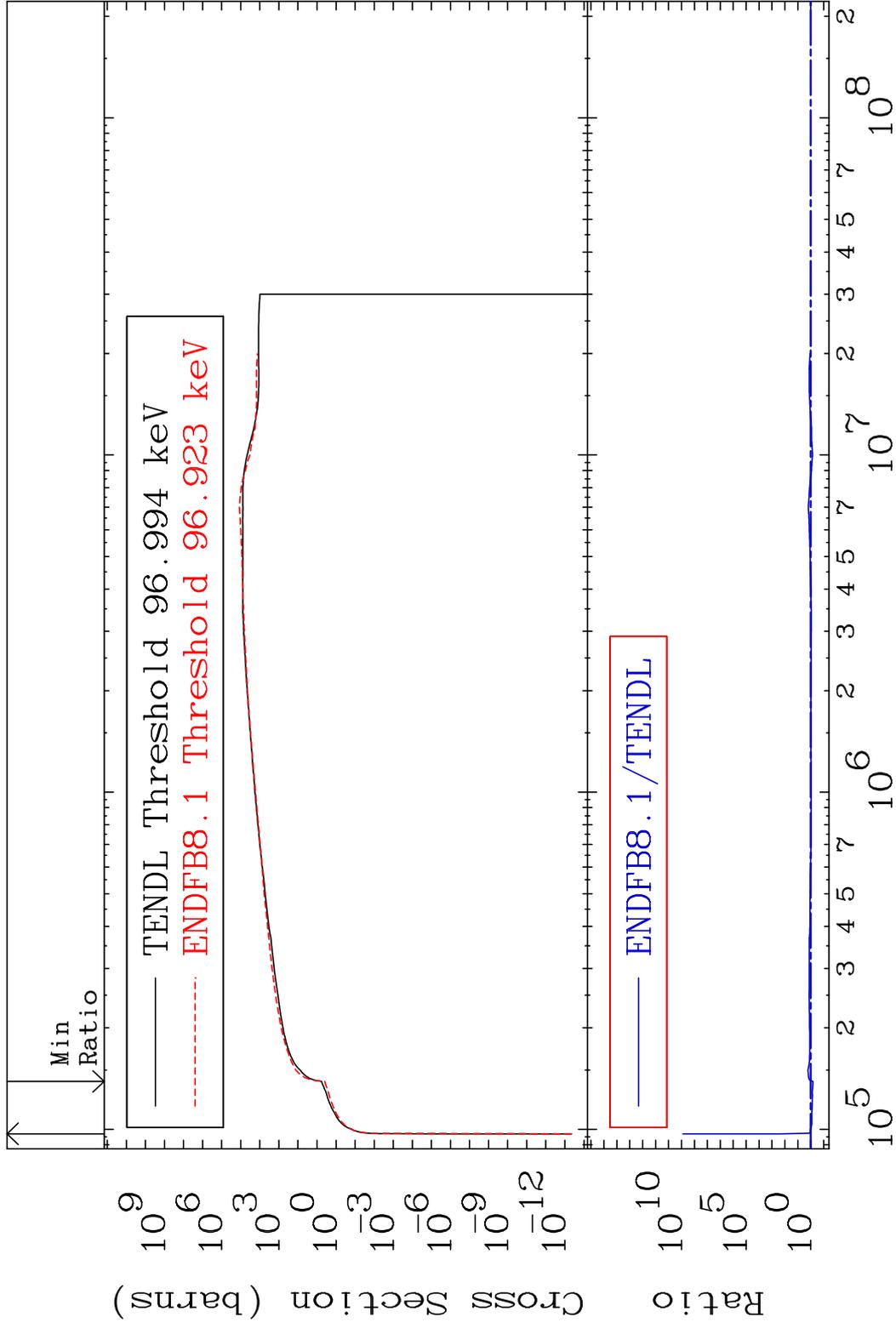
34-Se-79

Cross Section

-98.25 To 618.0 %



MAT 3440 Dpa inelastic (mt51-91) 34-Se-79
 Cross Section -34.29 To 9999. %



60 Incident Energy (eV) 34-Se-79

MAT 3440 Dpa disappearance (mt102 -120) 34-Se-79
 Cross Section -99.93 To 9999. %

