

Program Complot
(Version 2021-1)

by

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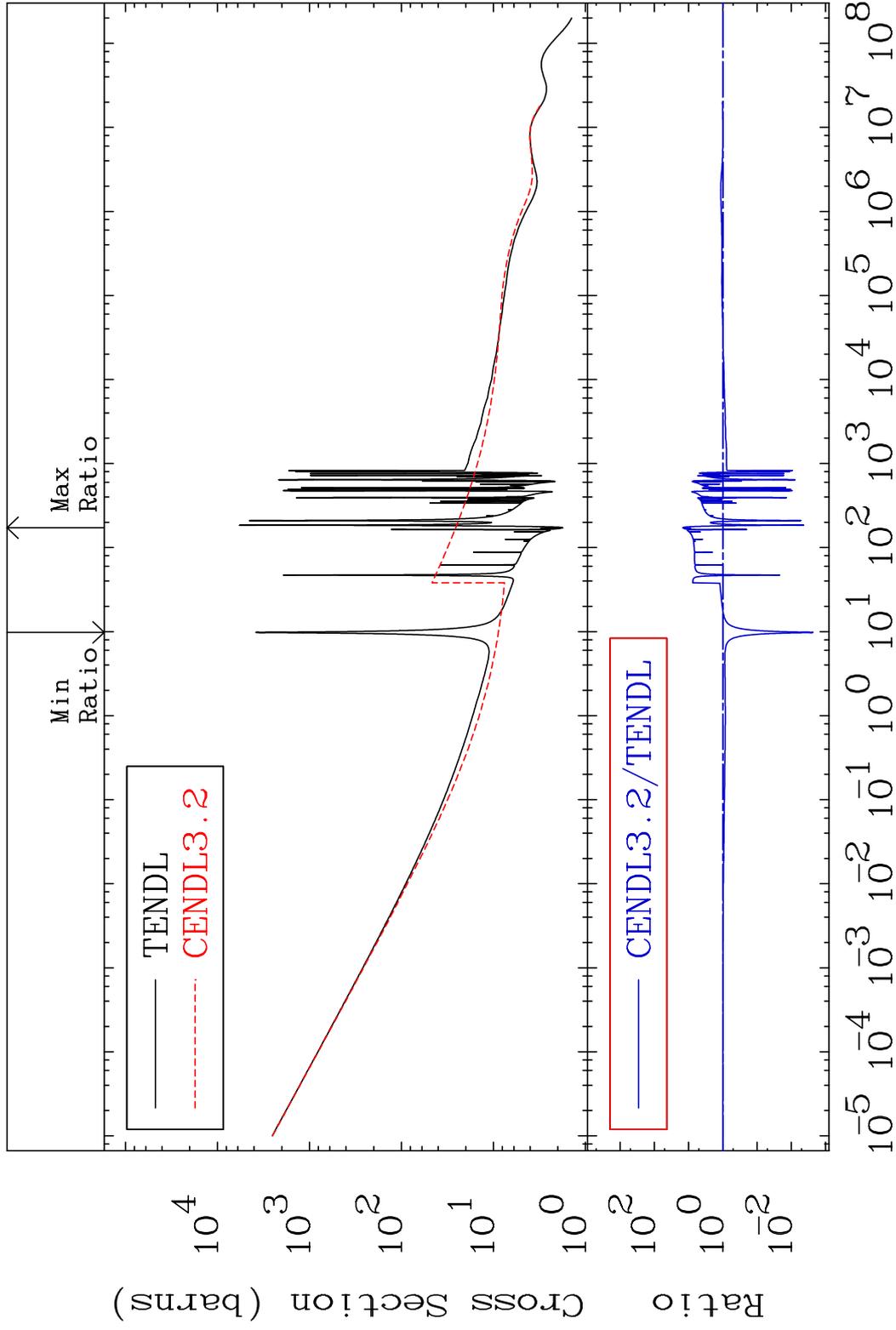
Press Mouse Button to Start

MAT 3440

Total

34-Se-79

Cross Section -99.777 To 1369. %



1

Incident Energy (eV)

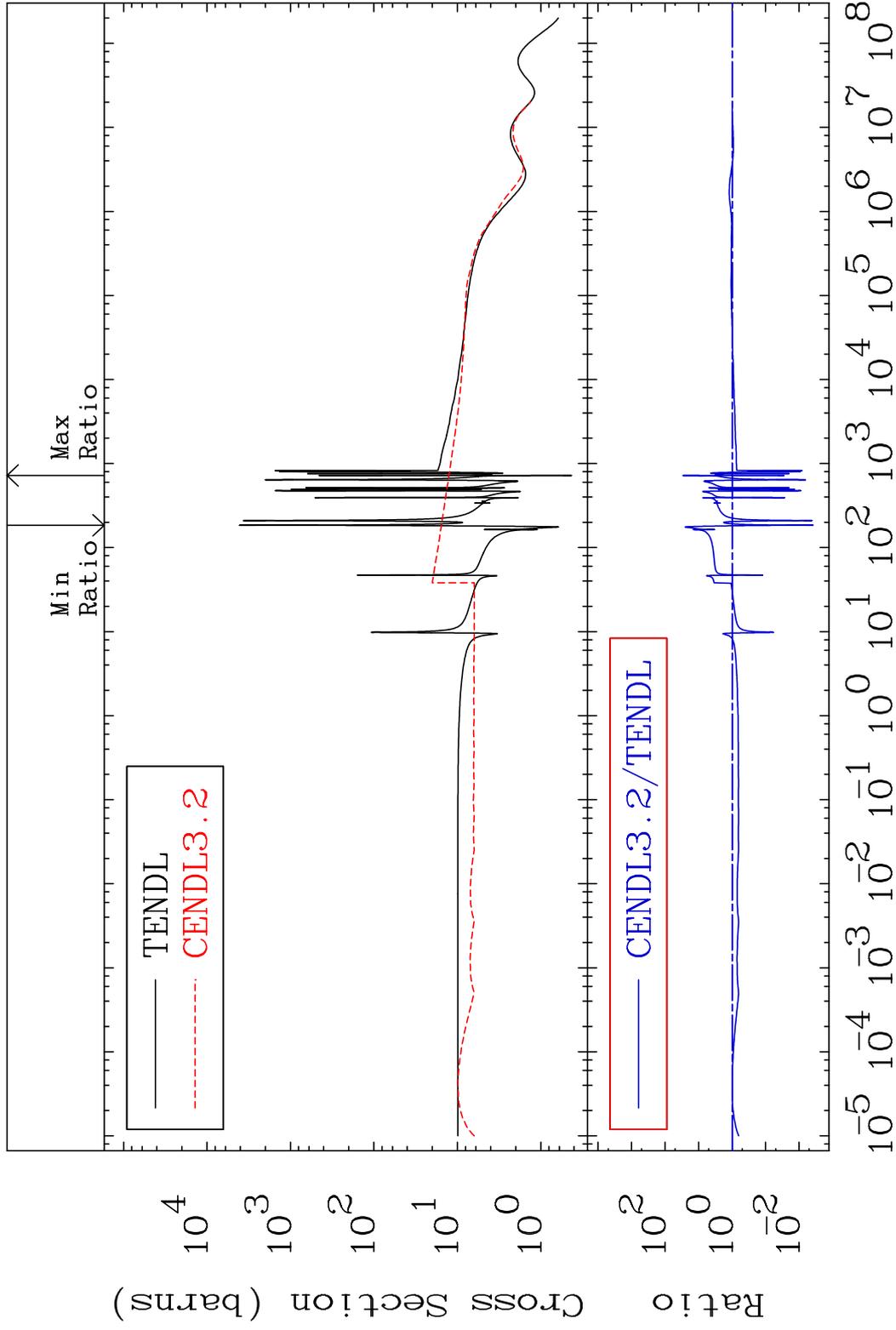
34-Se-79

MAT 3440

Elastic

34-Se-79

Cross Section -99.62 To 2847. %

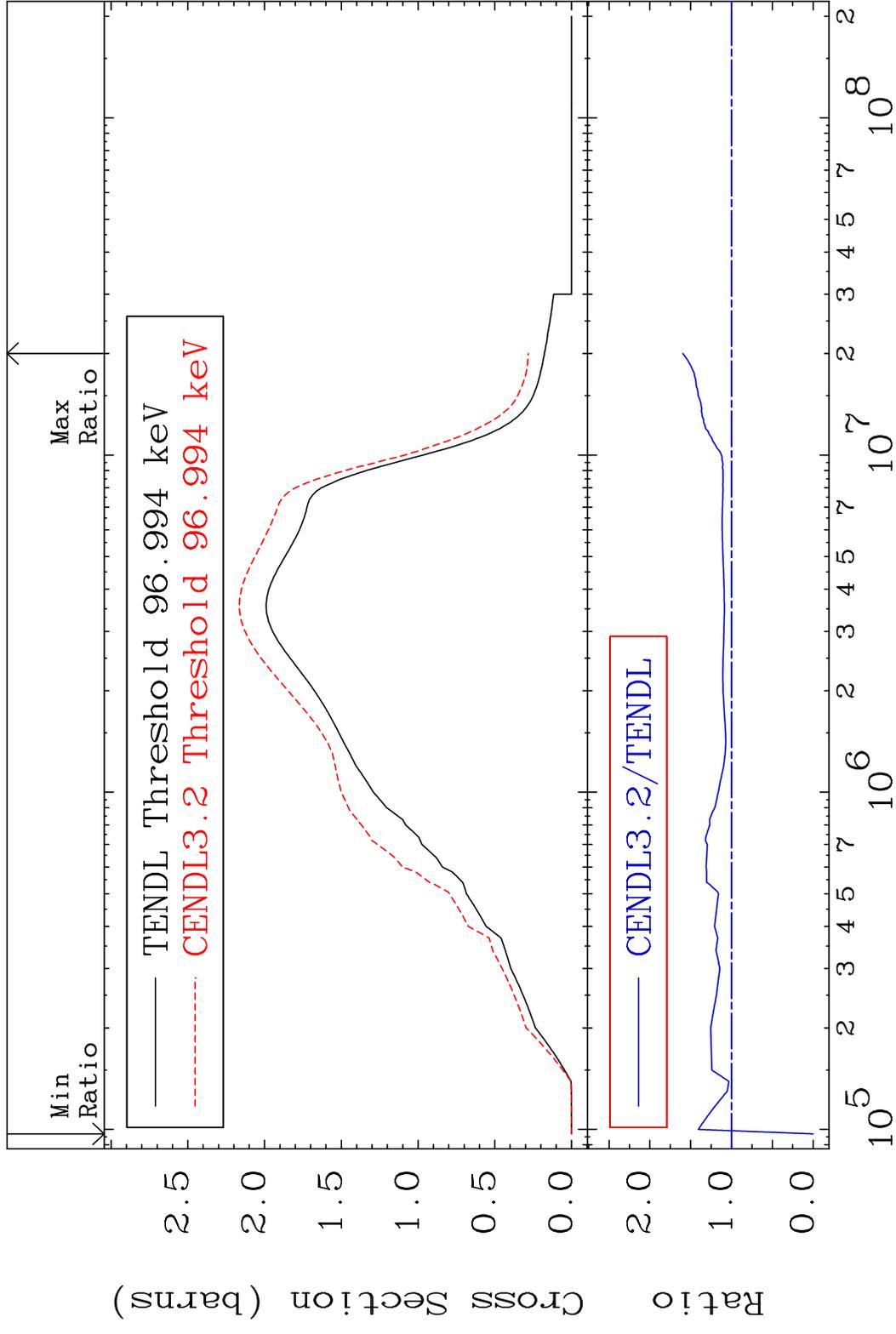


2

Incident Energy (eV)

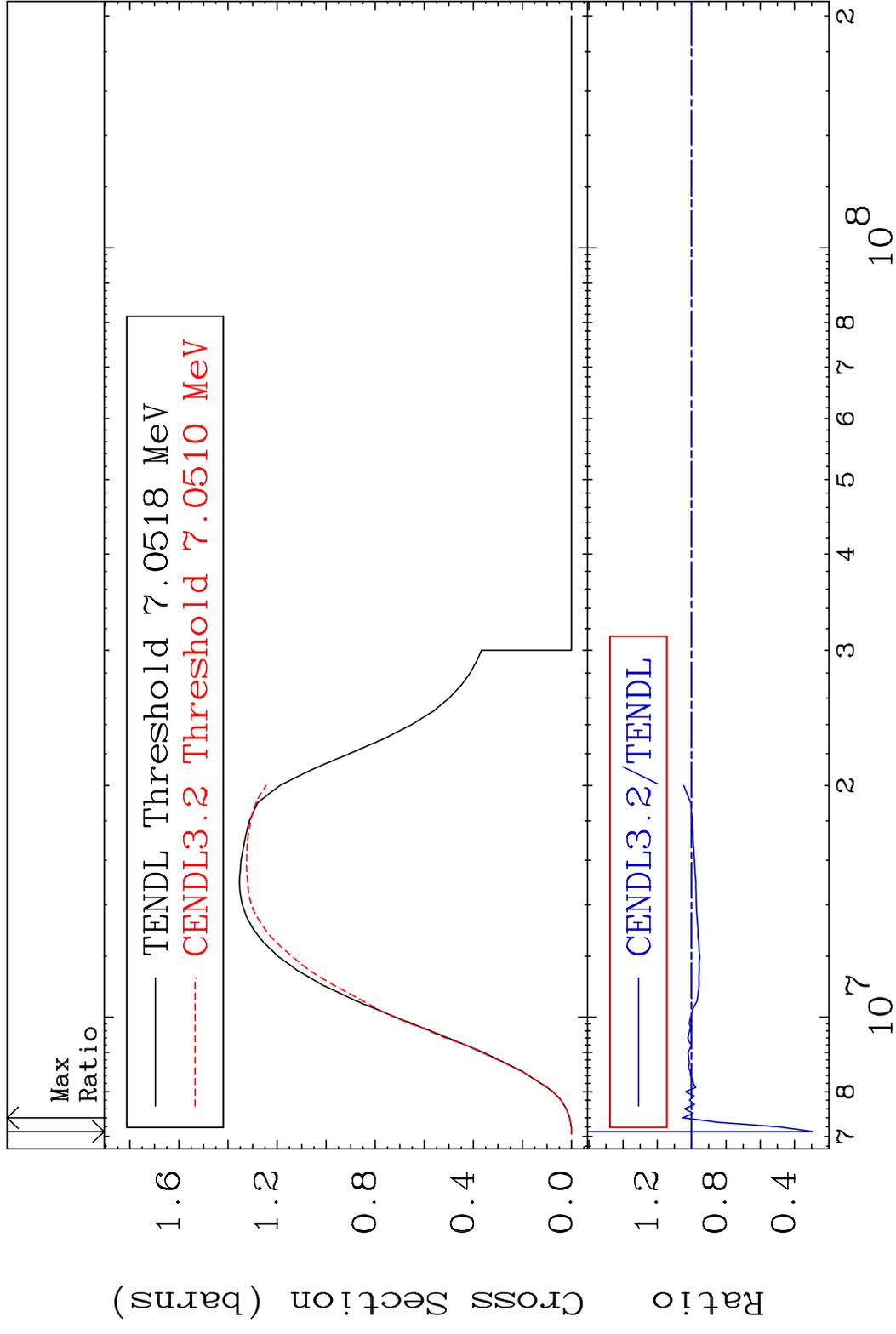
34-Se-79

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



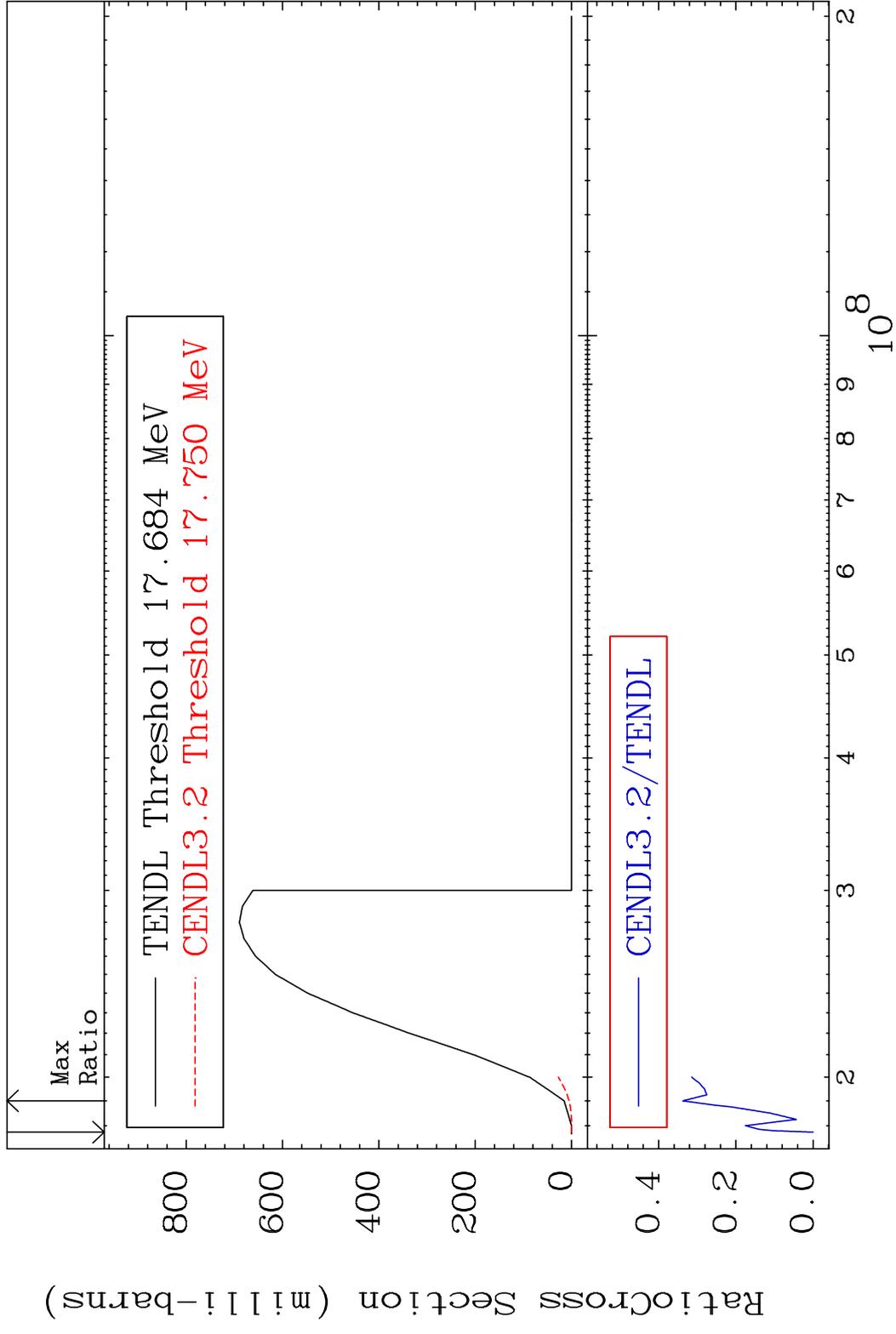
3 3 4 5 7 2 3 4 5 7 2 3 4 5 7 8 2 34-Se-79

MAT 3440 (n,2n) 34-Se-79
 Cross Section -70.92 To 5.133 %

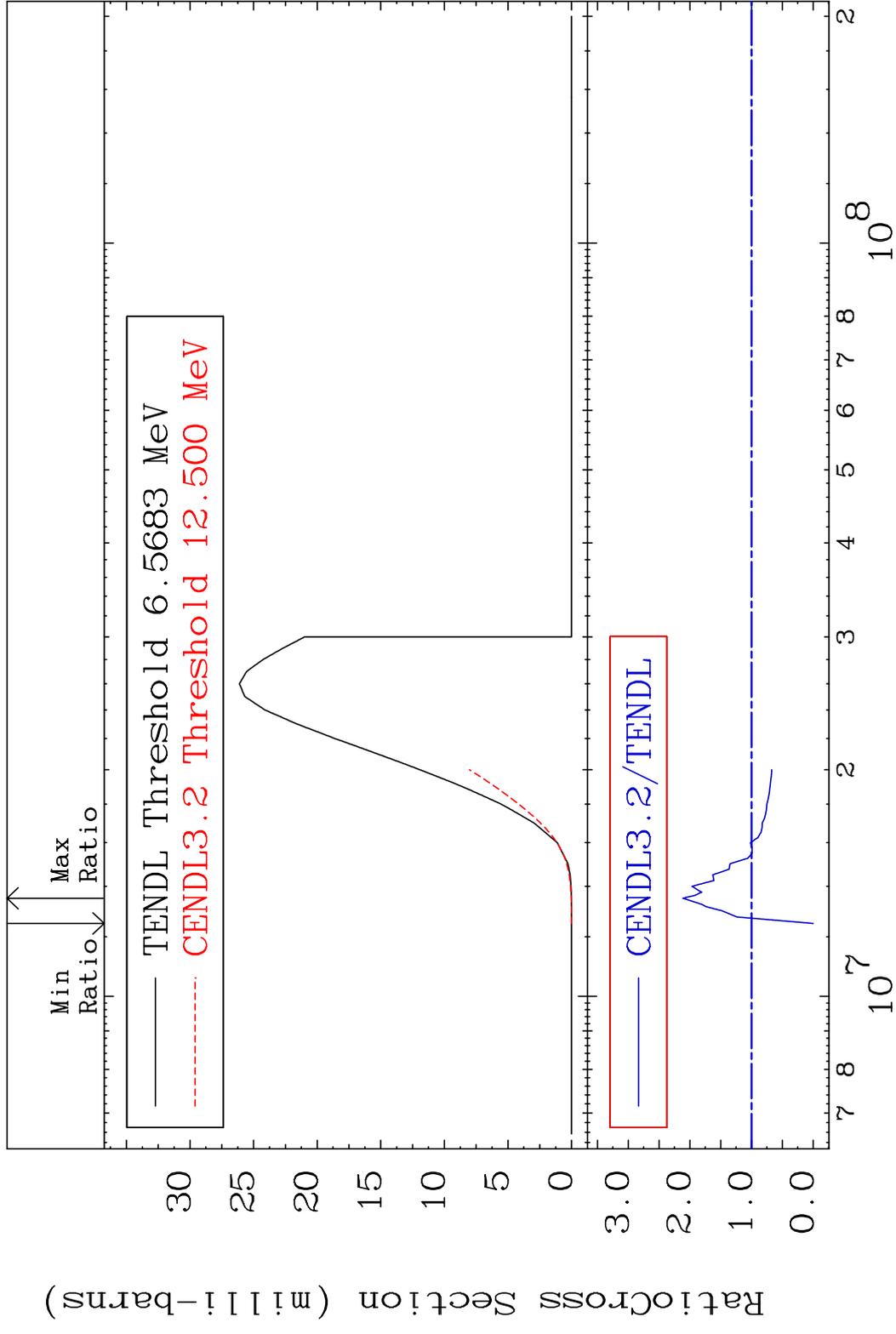


4 Incident Energy (eV) 34-Se-79

MAT 3440 (n,3n) 34-Se-79
 Cross Section -100.0 To -66.25%



MAT 3440 (n, n') α 34-Se-79
 Cross Section -100.0 To 111.4 %

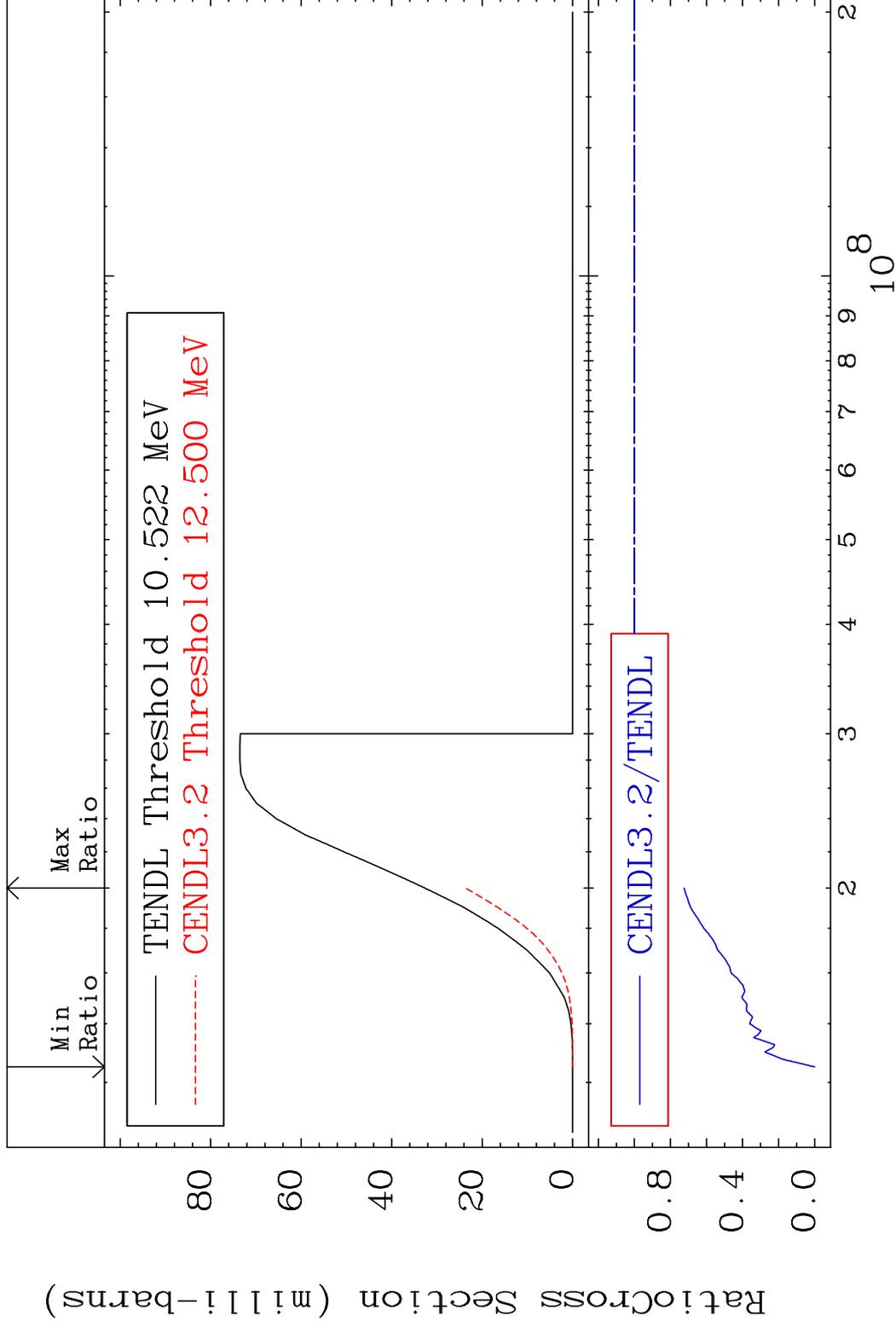


MAT 3440

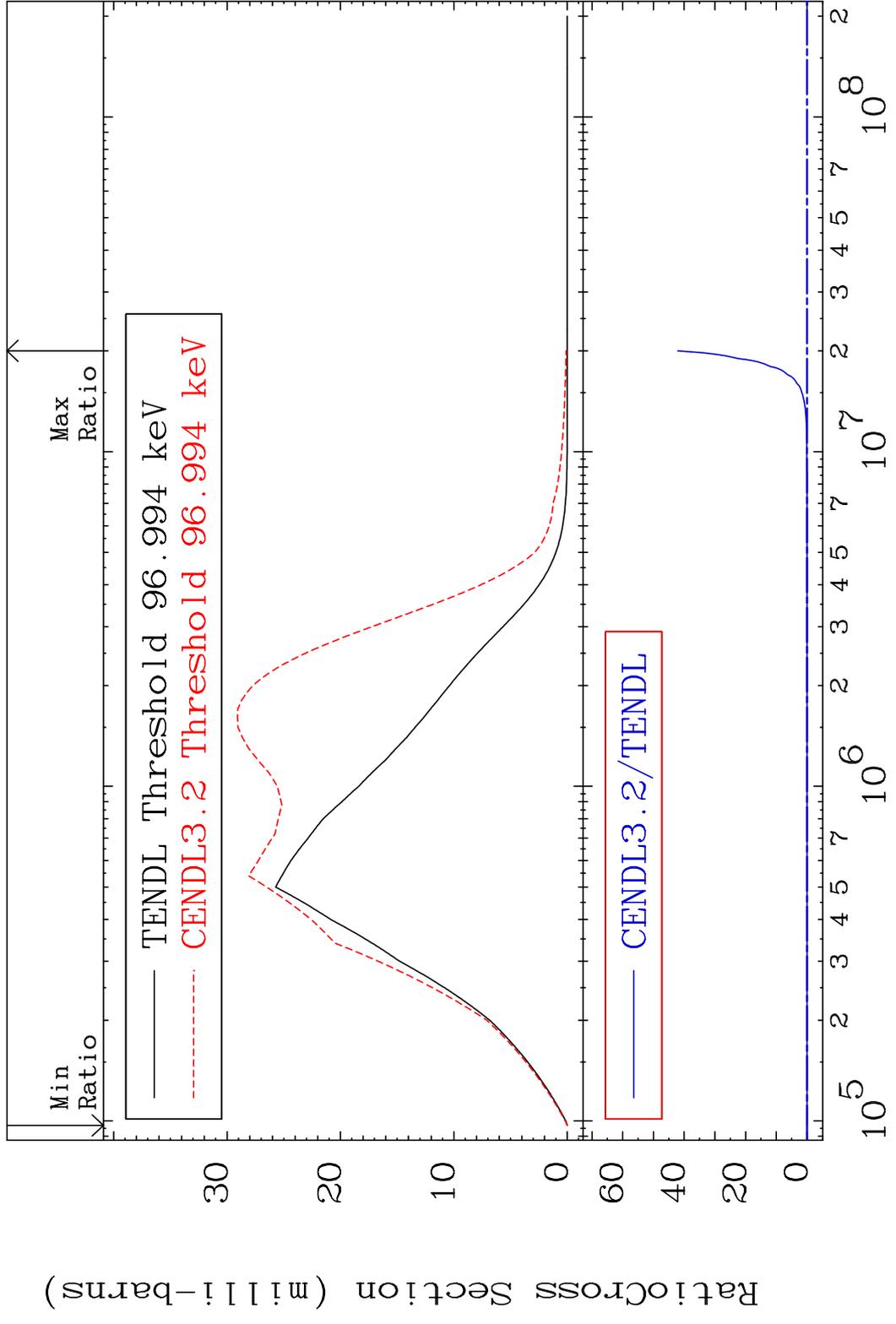
(n, n') p

34-Se-79

Cross Section -100.0 To -27.58%

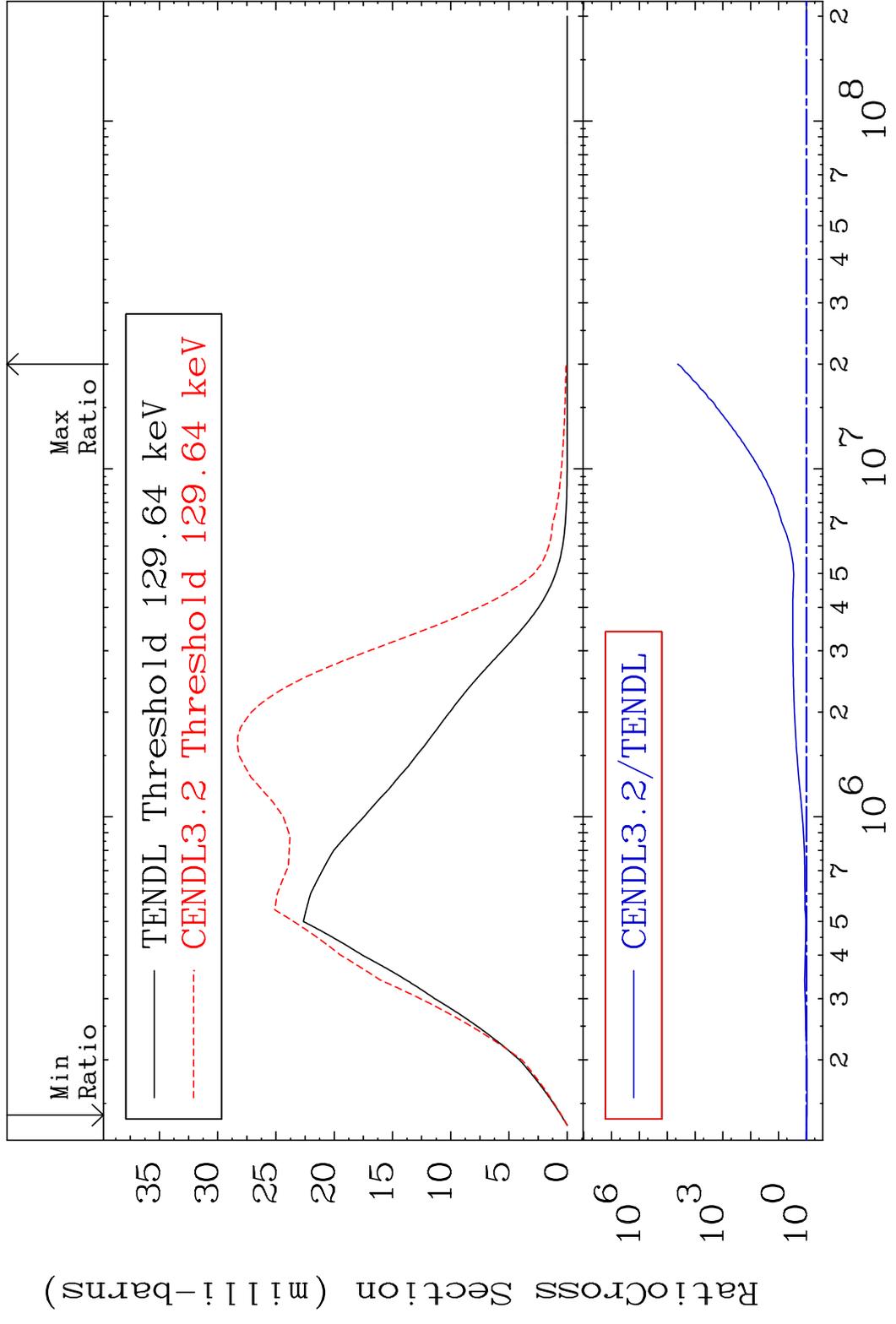


MAT 3440 MT= 51 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %

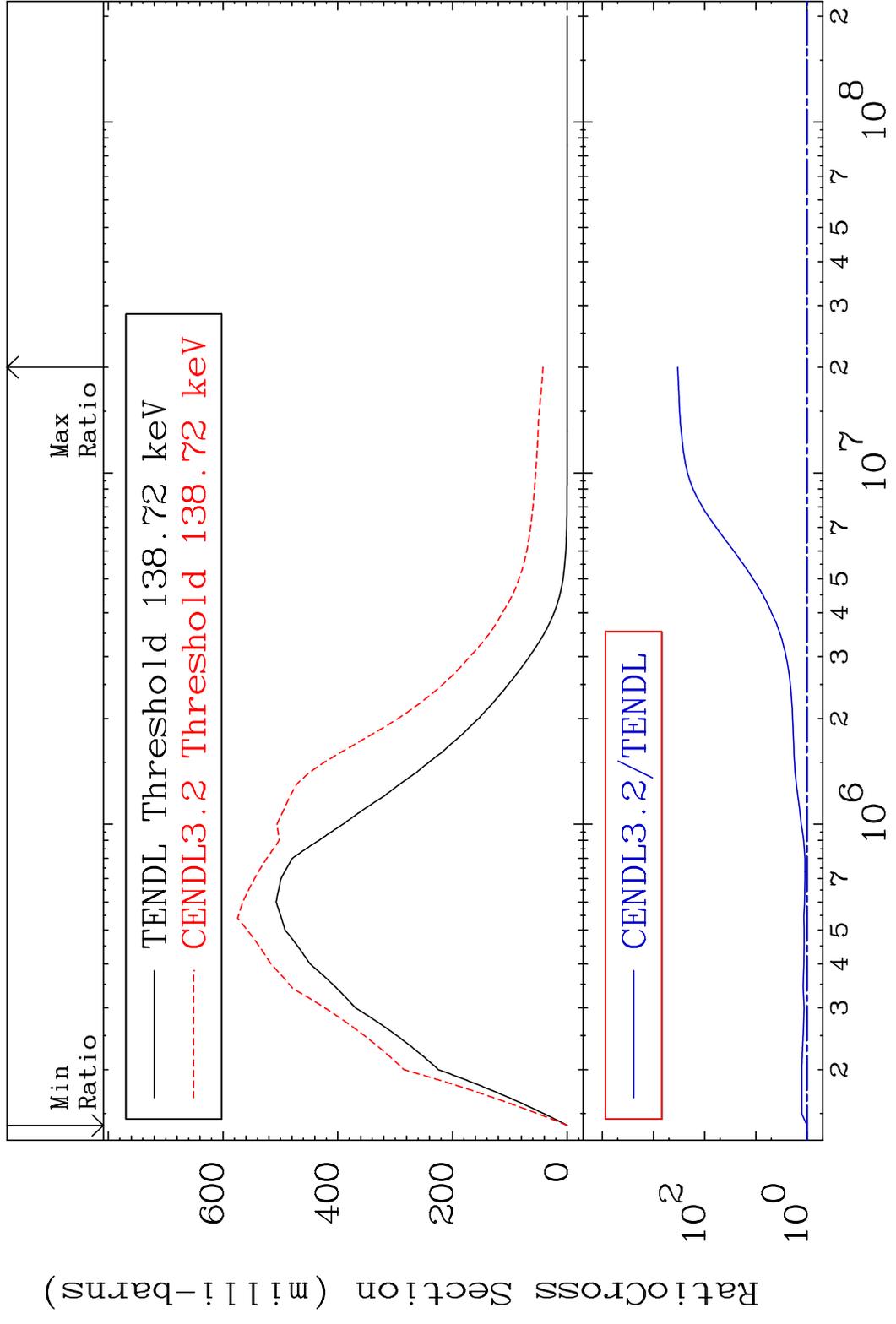


8 3 4 5 7 2 3 4 5 7 8 2 34-Se-79

MAT 3440 MT= 52 (n, n') Level 34-Se-79
 Cross Section -4.937 To 9999. %

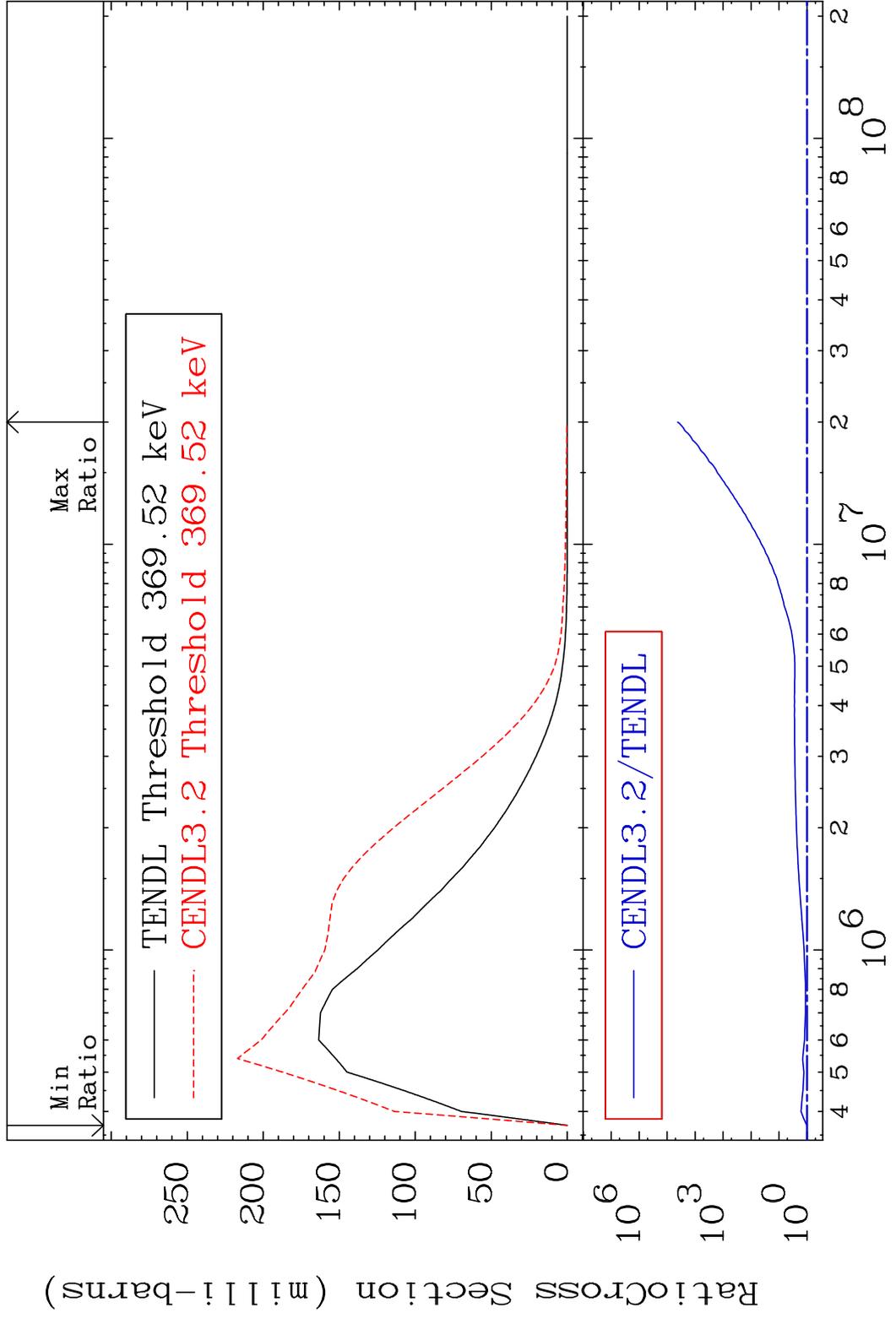


MAT 3440 MT= 53 (n, n') Level 34-Se-79
 Cross Section 0.000 To 9999. %

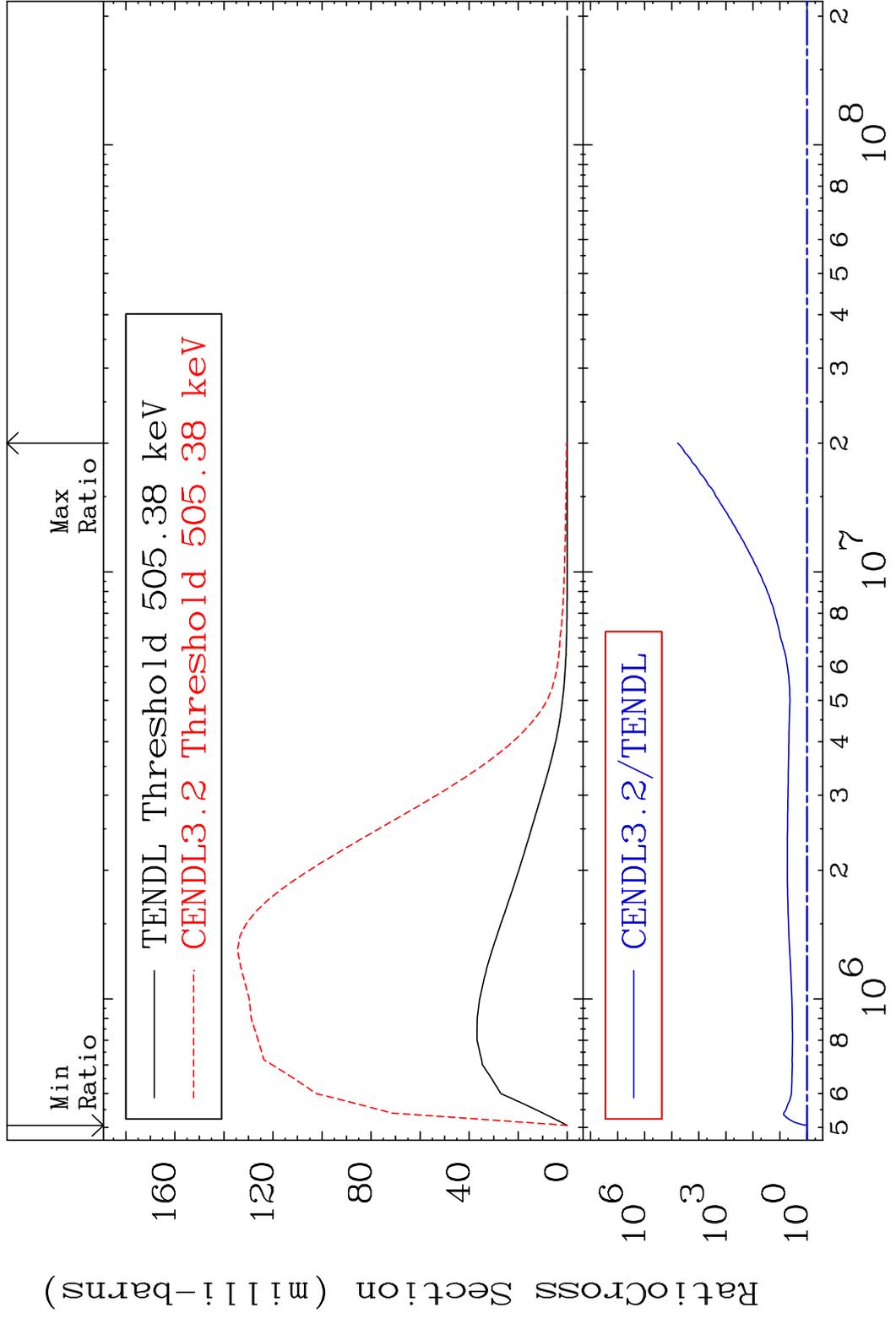


10 10 3 4 5 6 7 2 3 4 5 6 7 8 2 34-Se-79

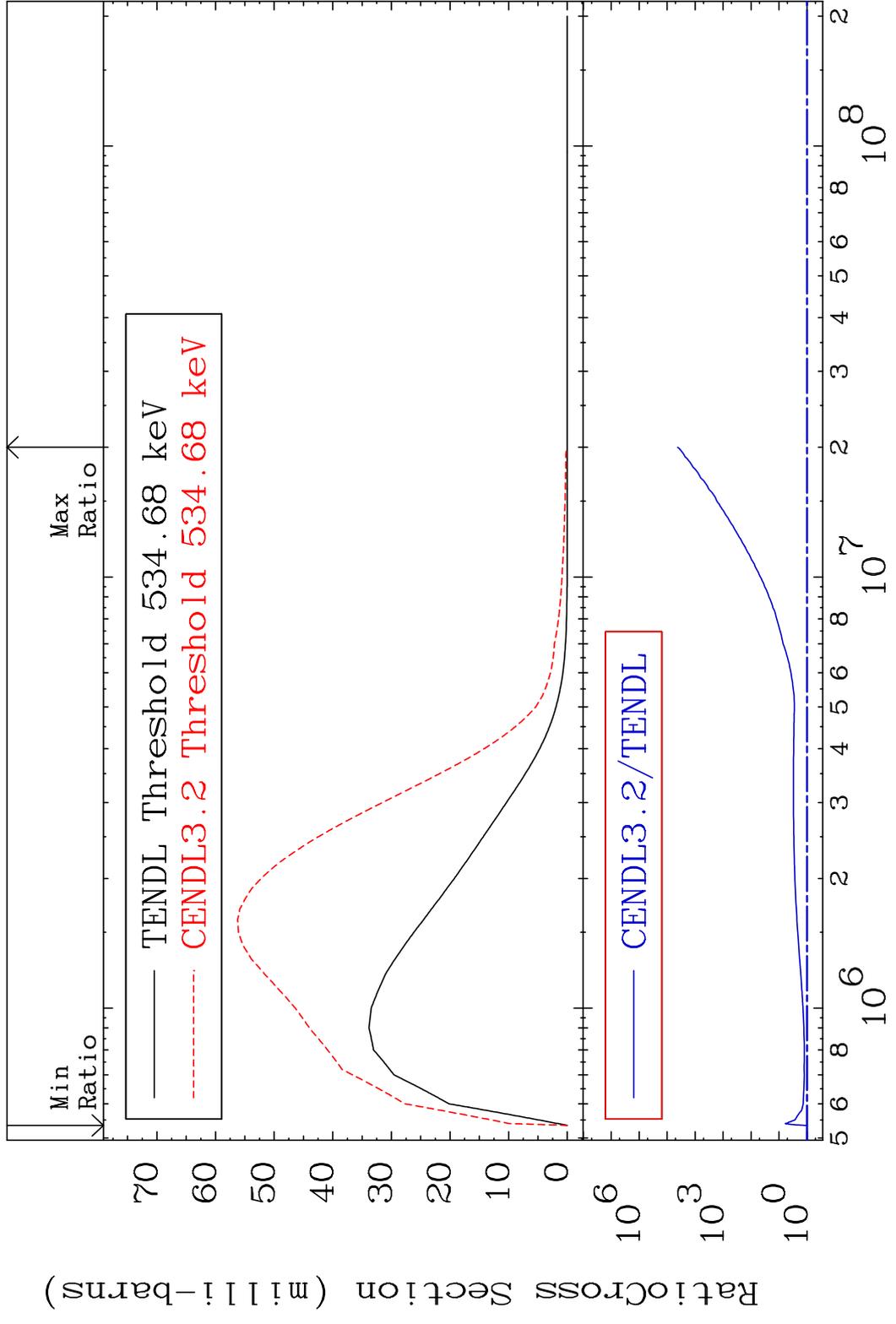
MAT 3440 MT= 54 (n,n') Level 34-Se-79
 Cross Section 0.000 To 9999. %



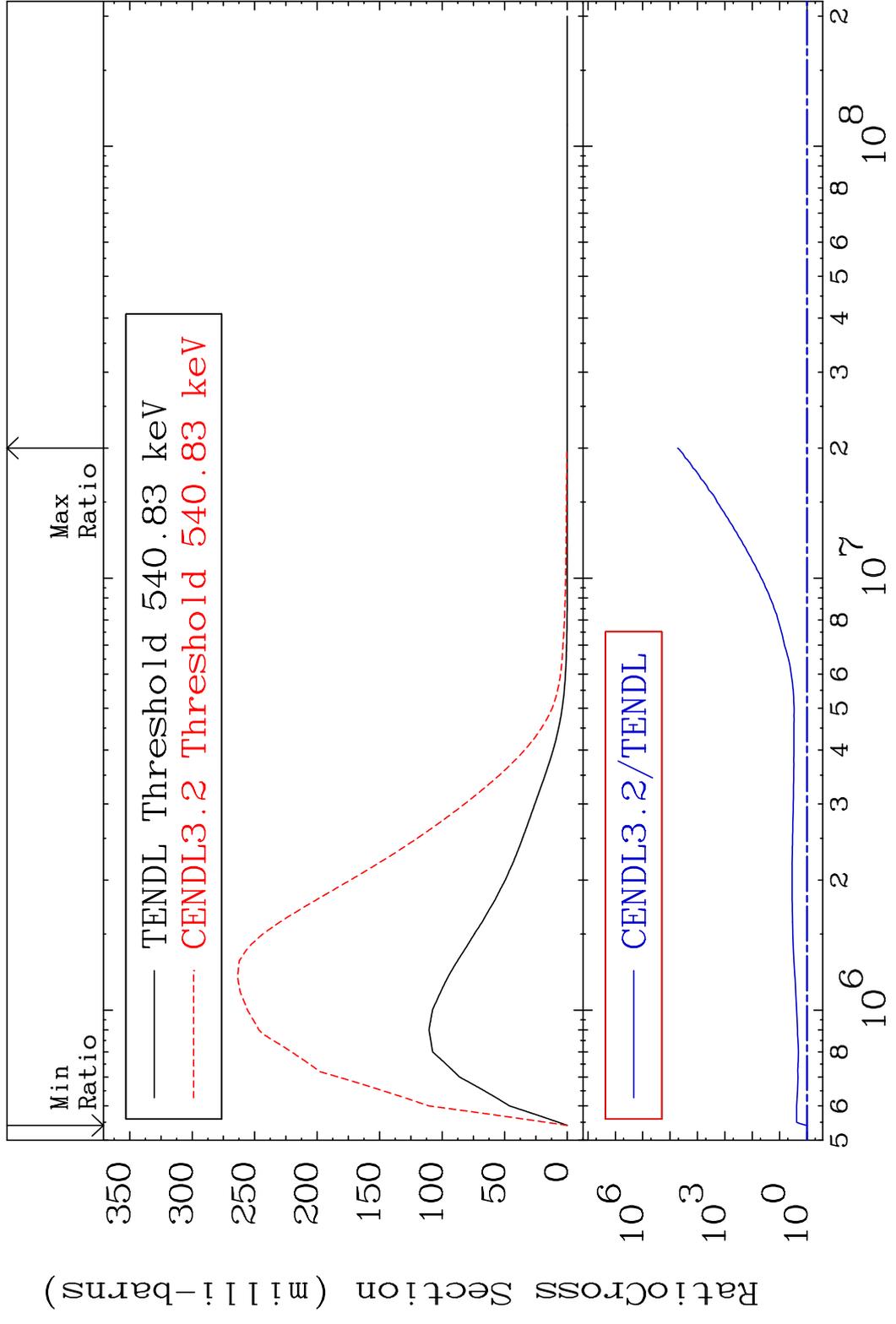
MAT 3440 MT= 55 (n,n') Level 34-Se-79
 Cross Section 0.000 To 9999. %



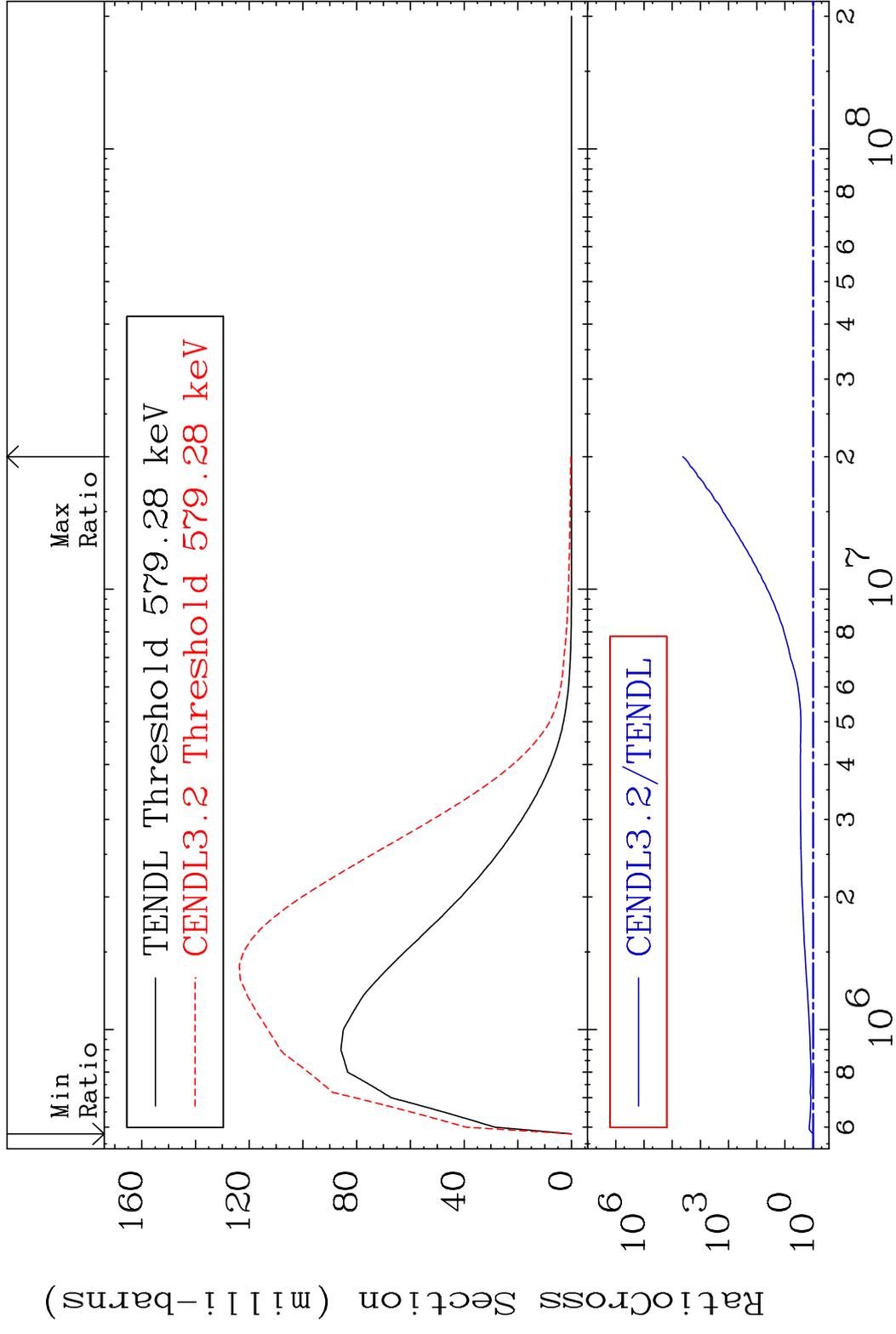
MAT 3440 MT= 56 (n, n') Level 34-Se-79
 Cross Section 0.000 To 9999. %



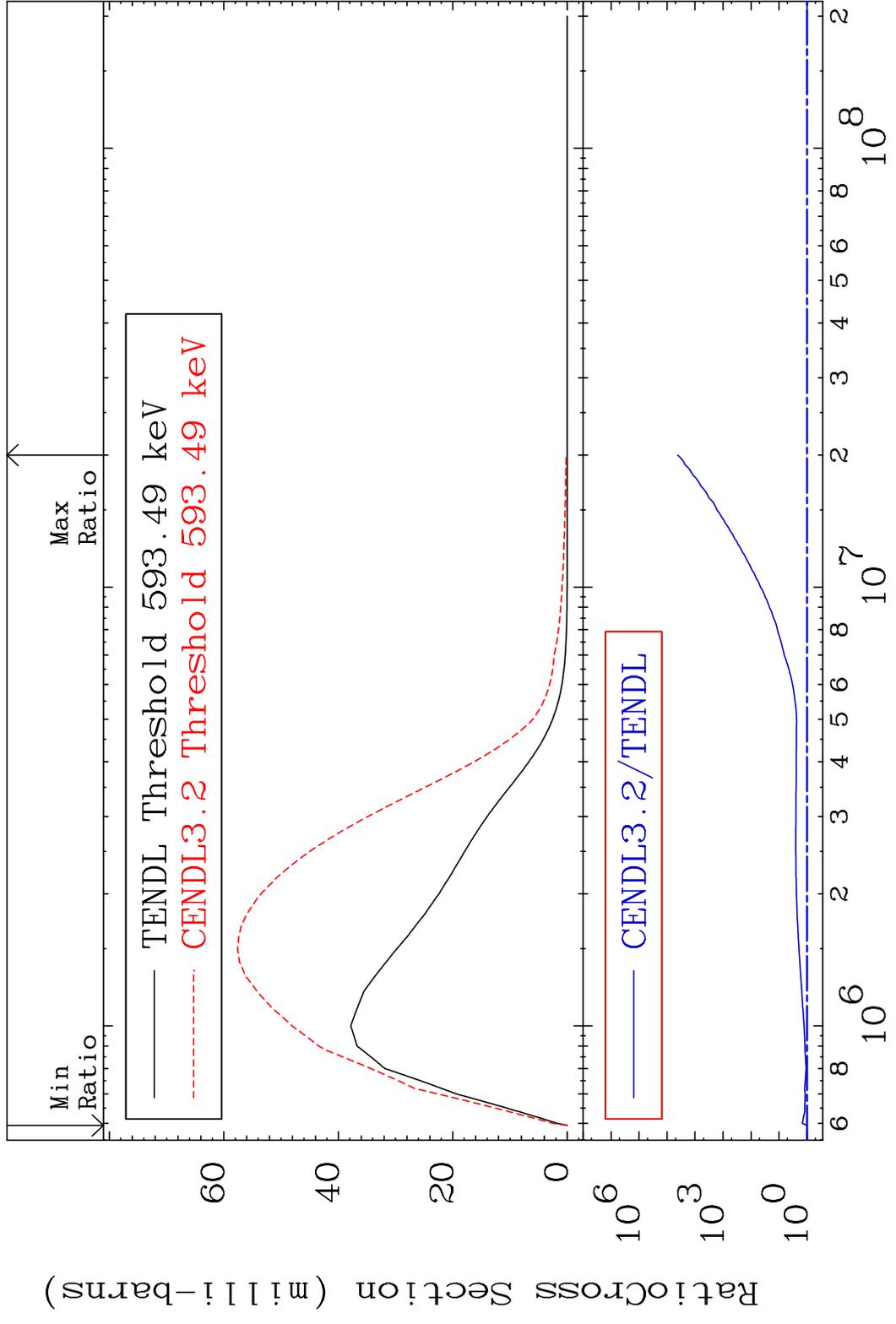
MAT 3440 MT= 57 (n, n') Level 34-Se-79
 Cross Section 0.000 To 9999. %



MAT 3440 MT= 58 (n, n') Level 34-Se-79
 Cross Section 0.000 To 9999. %

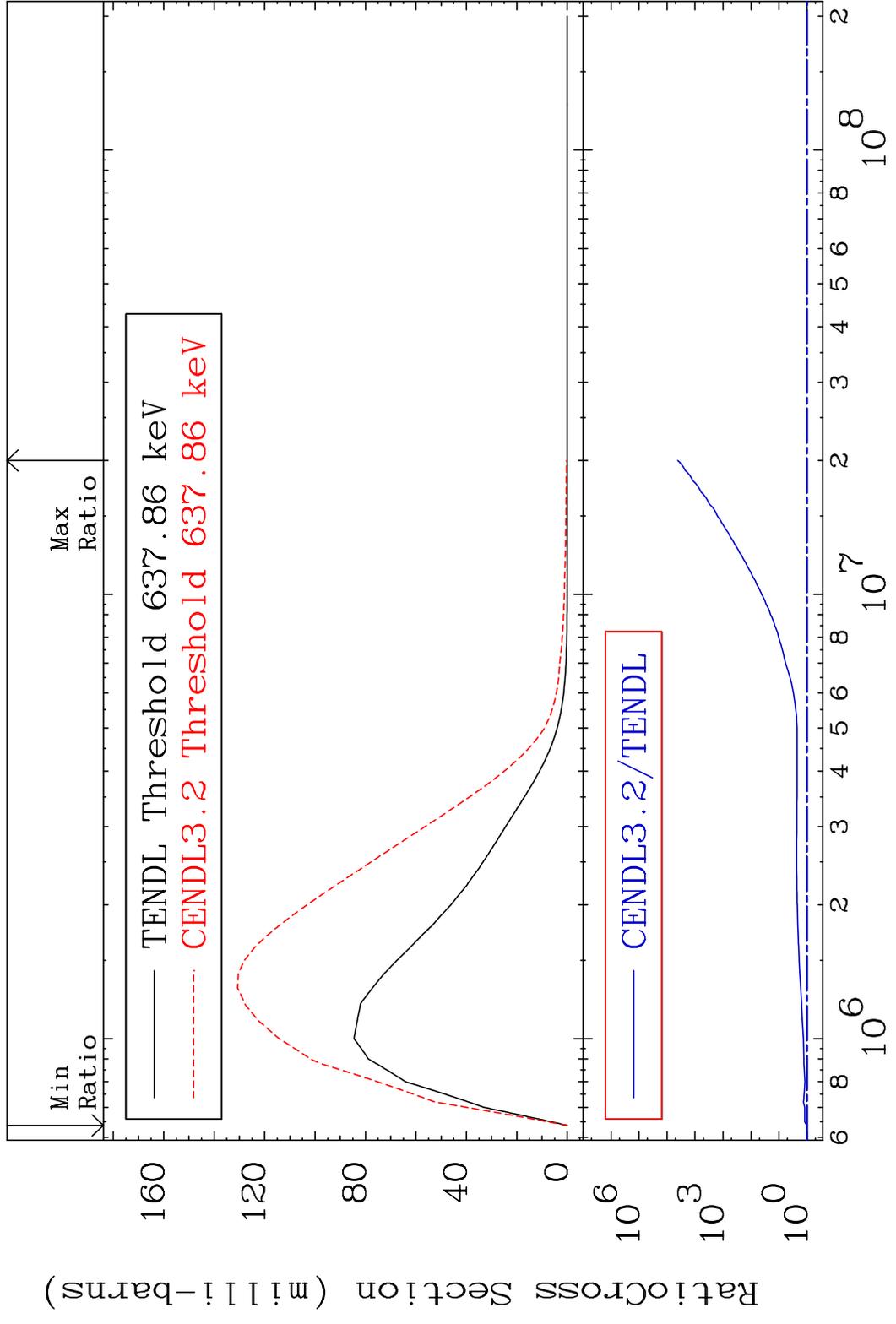


MAT 3440 MT= 59 (n, n') Level 34-Se-79
 Cross Section 0.000 To 9999. %

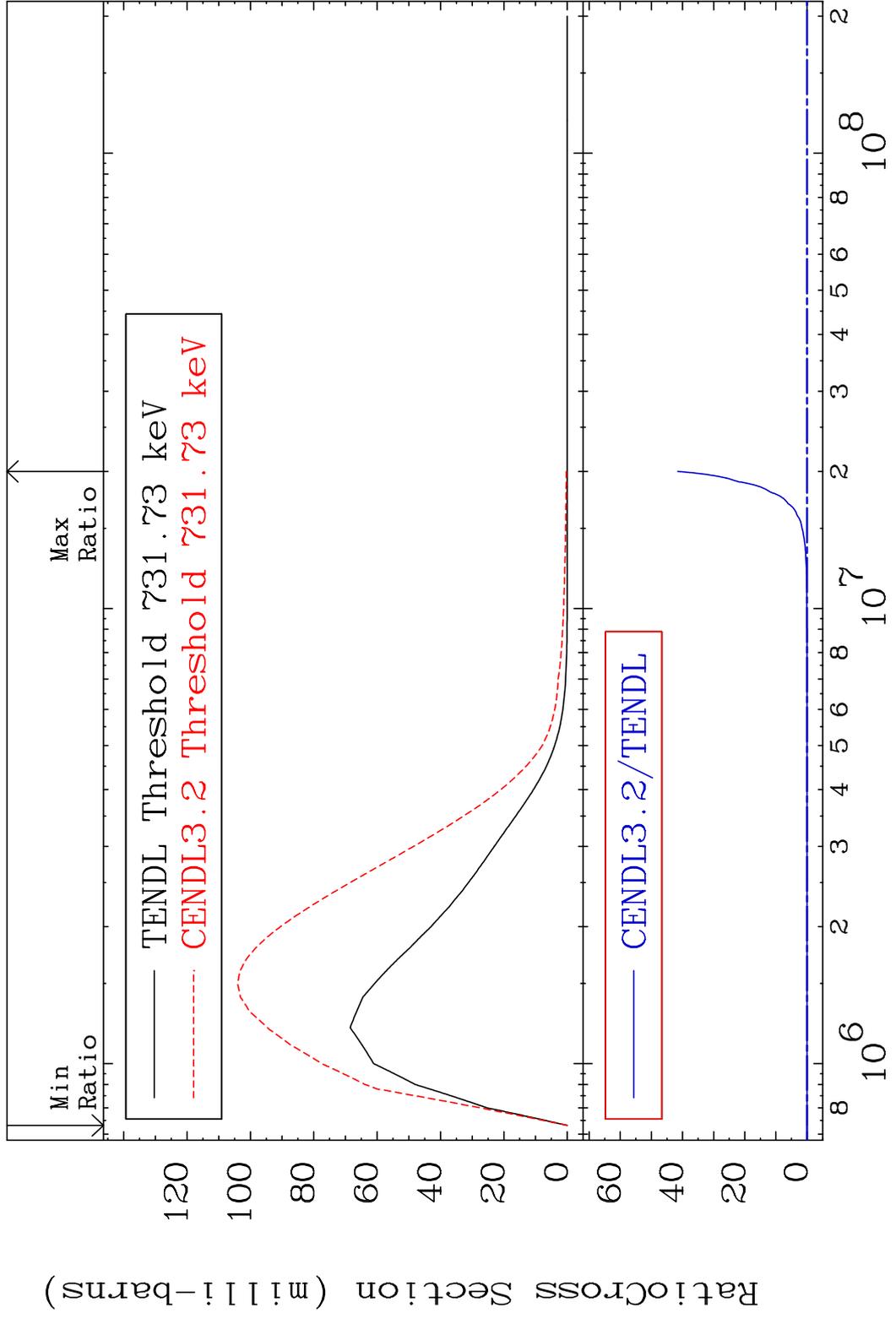


16 Incident Energy (eV) 34-Se-79

MAT 3440 MT= 60 (n, n') Level 34-Se-79
 Cross Section 0.000 To 9999. %

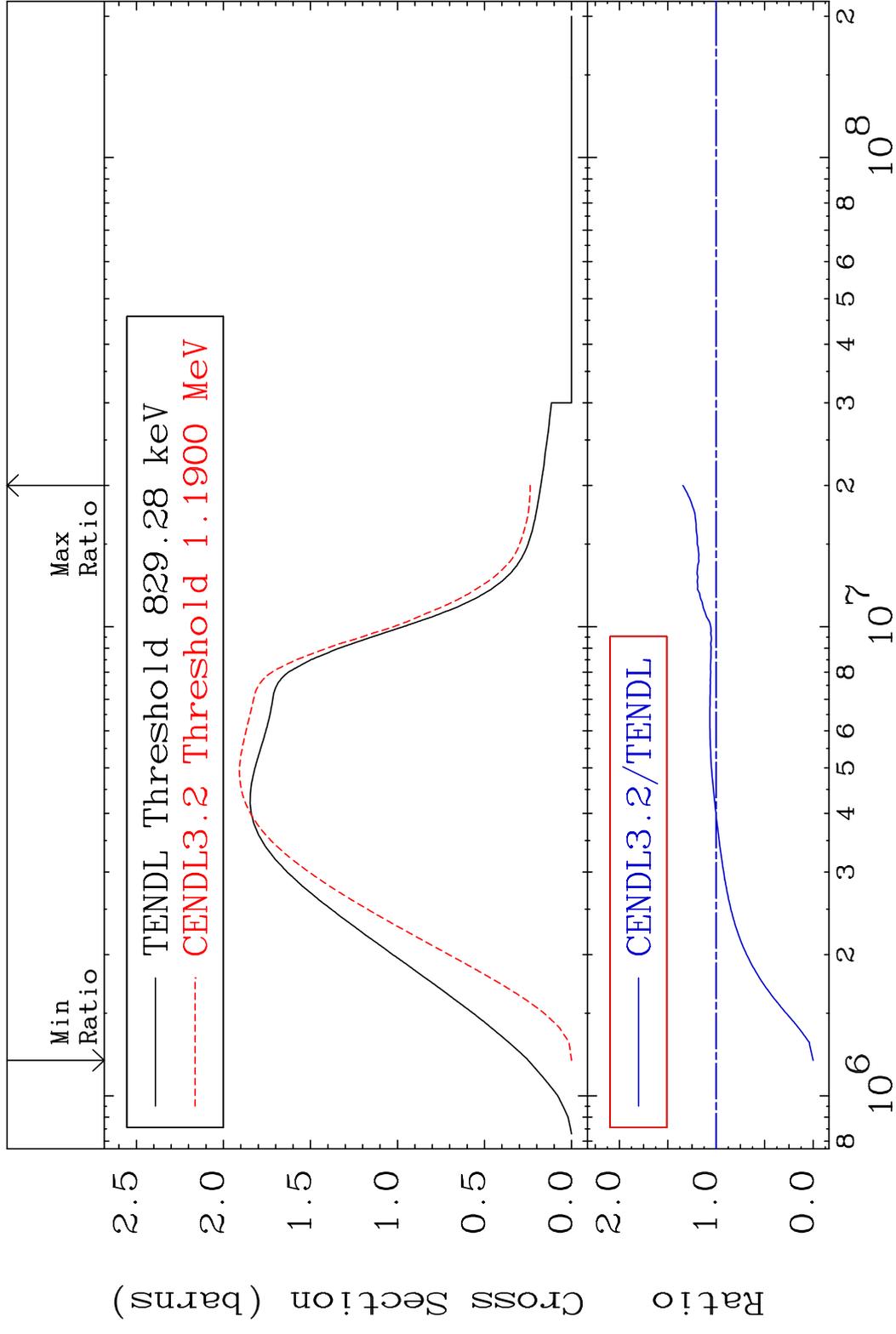


MAT 3440 MT= 61 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %



18 Incident Energy (eV) 34-Se-79

MAT 3440 (n, n') Continuum 34-Se-79
 Cross Section -100.0 To 34.47 %

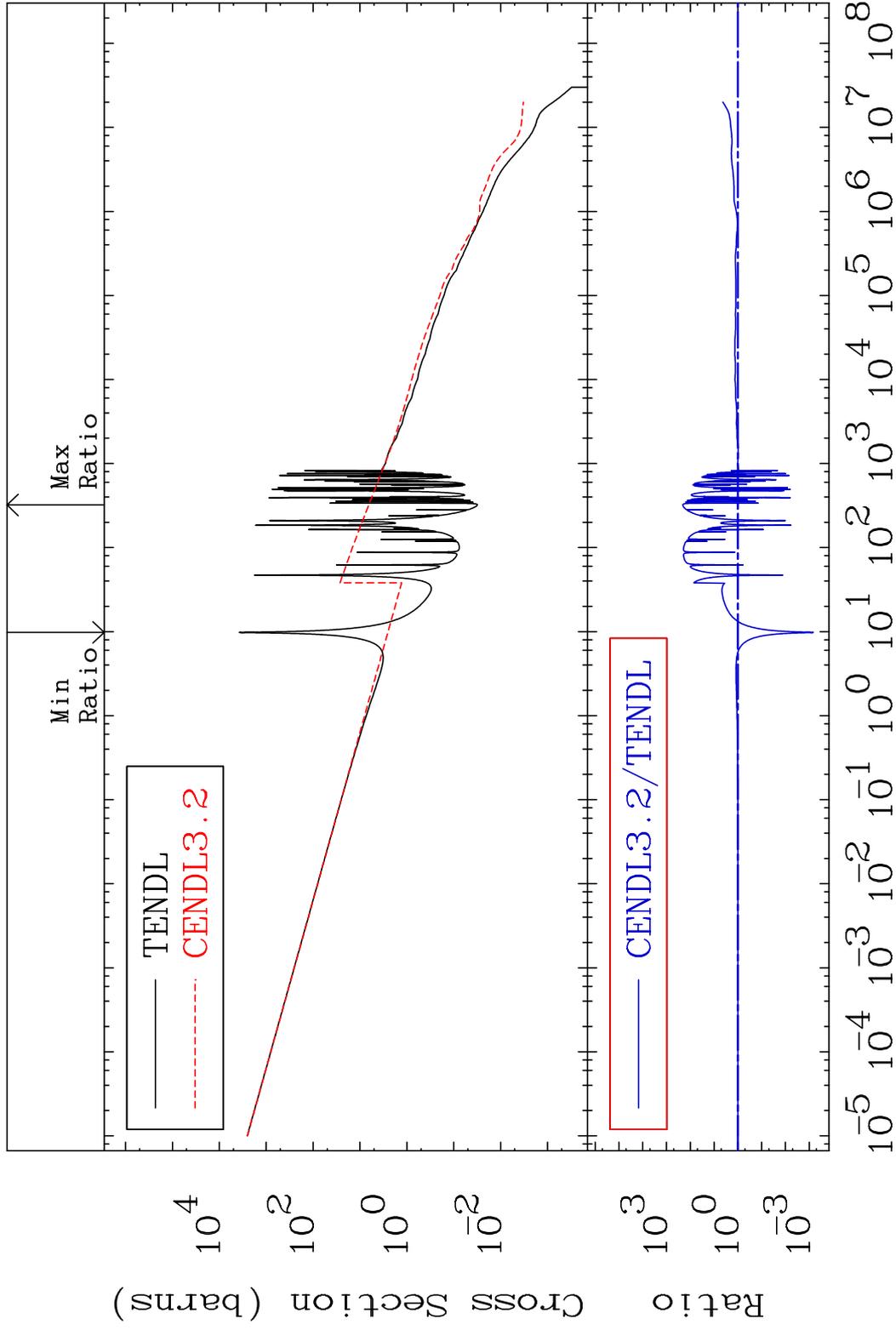


MAT 3440

(n, γ)

34-Se-79

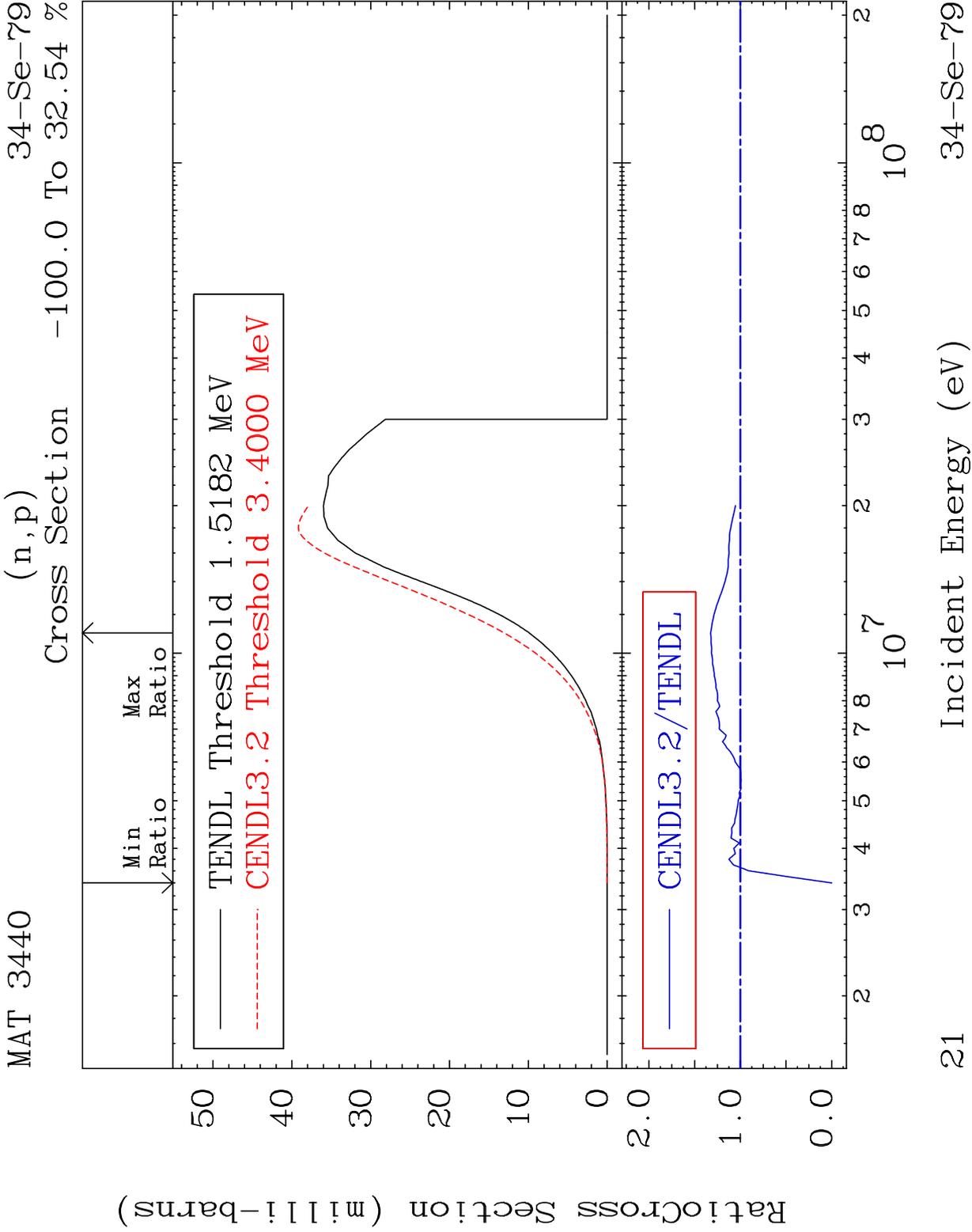
Cross Section -99.93 To 9999. %



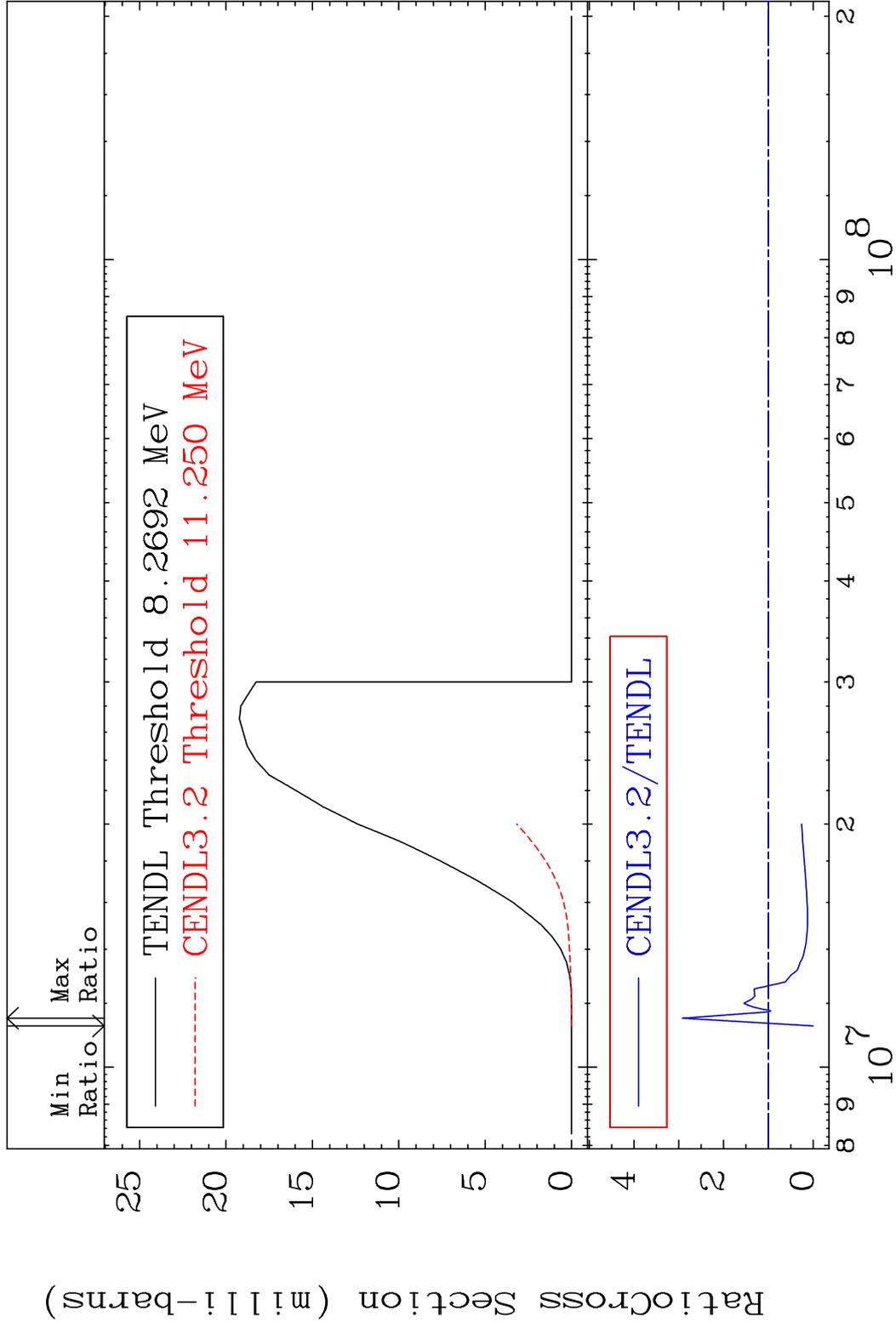
20

Incident Energy (eV)

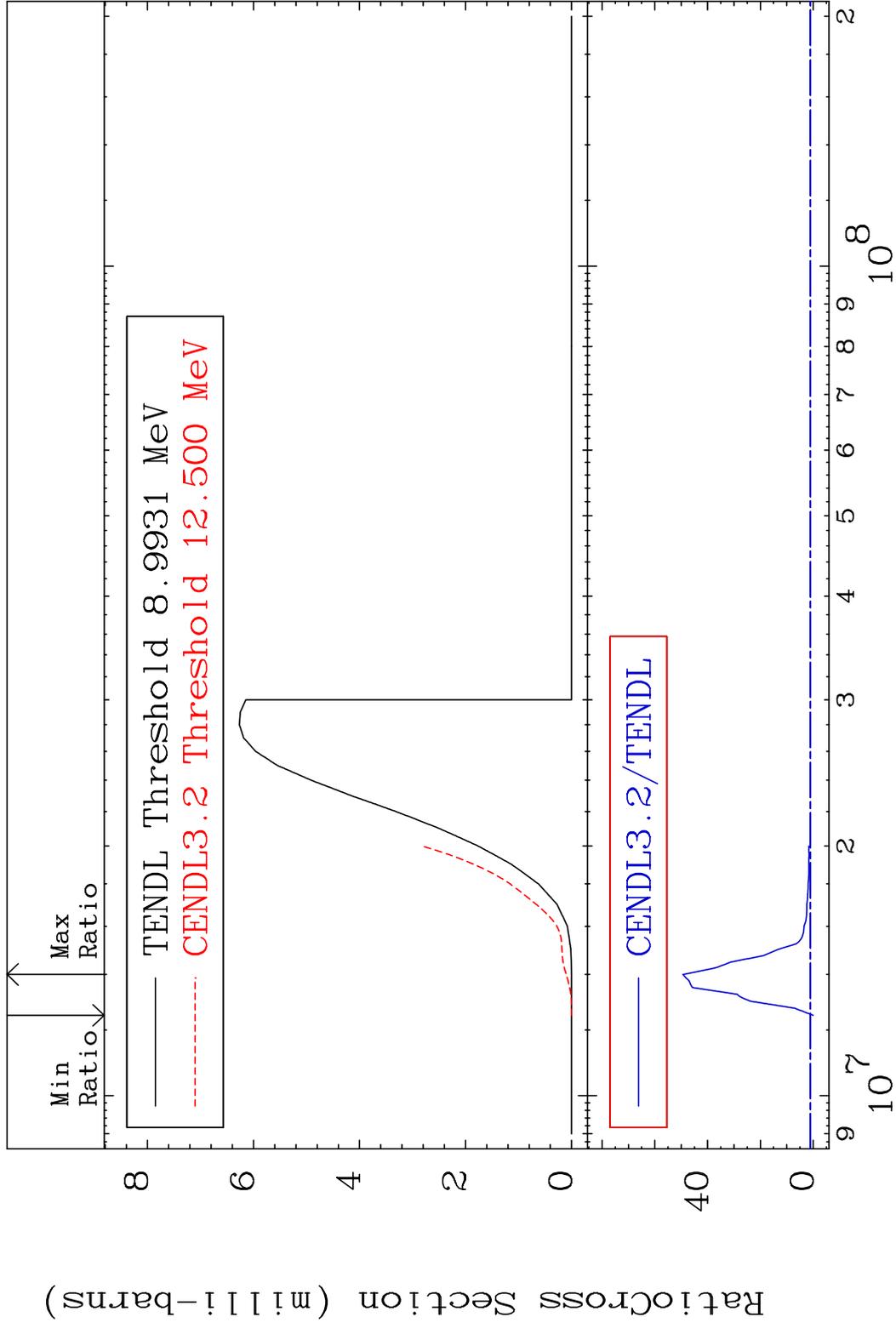
34-Se-79



MAT 3440 (n,d) 34-Se-79
 Cross Section -100.0 To 191.0 %



MAT 3440 (n, t) 34-Se-79
 Cross Section -100.0 To 4839. %



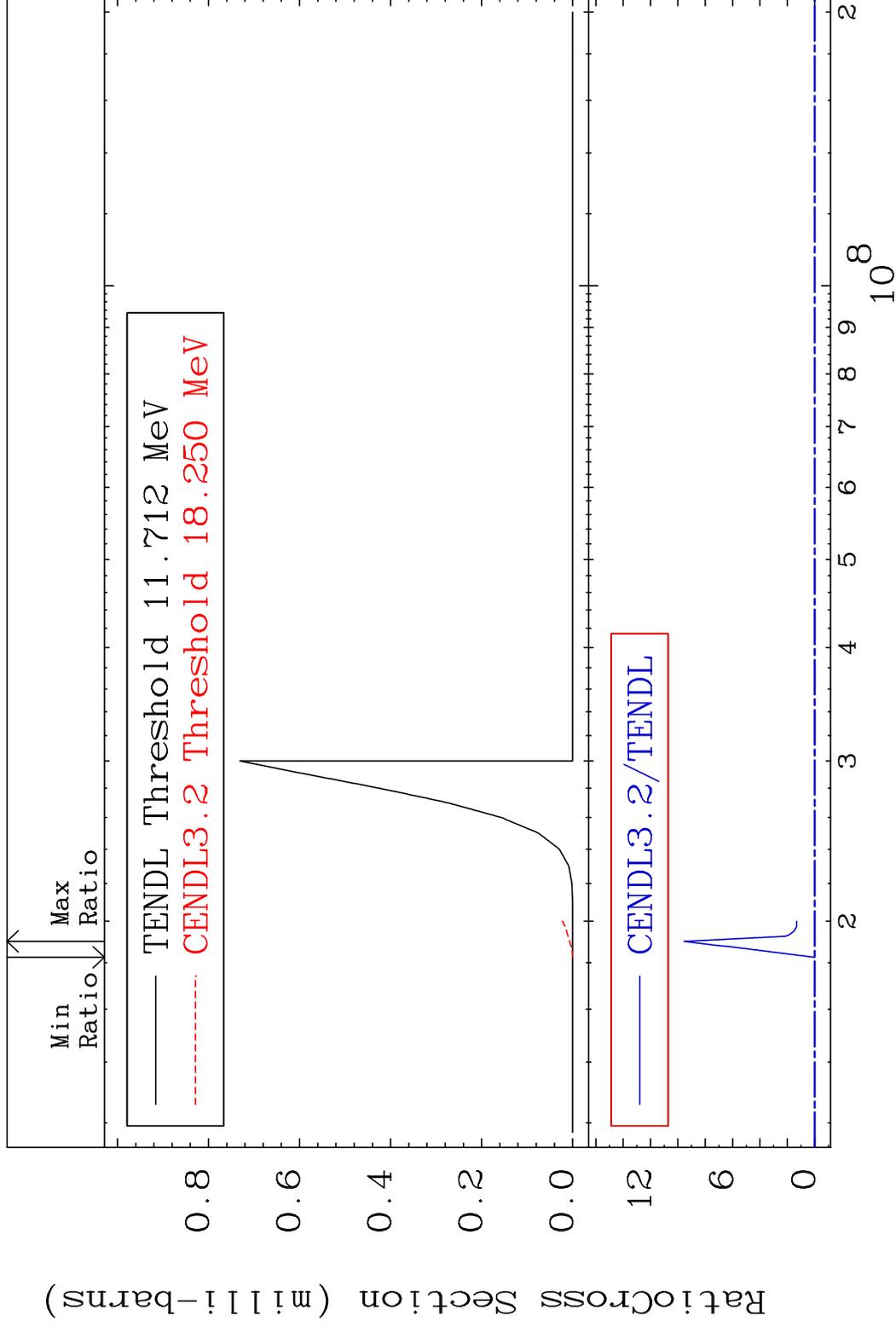
23 Incident Energy (eV) 34-Se-79

MAT 3440

(n, He-3)

34-Se-79

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

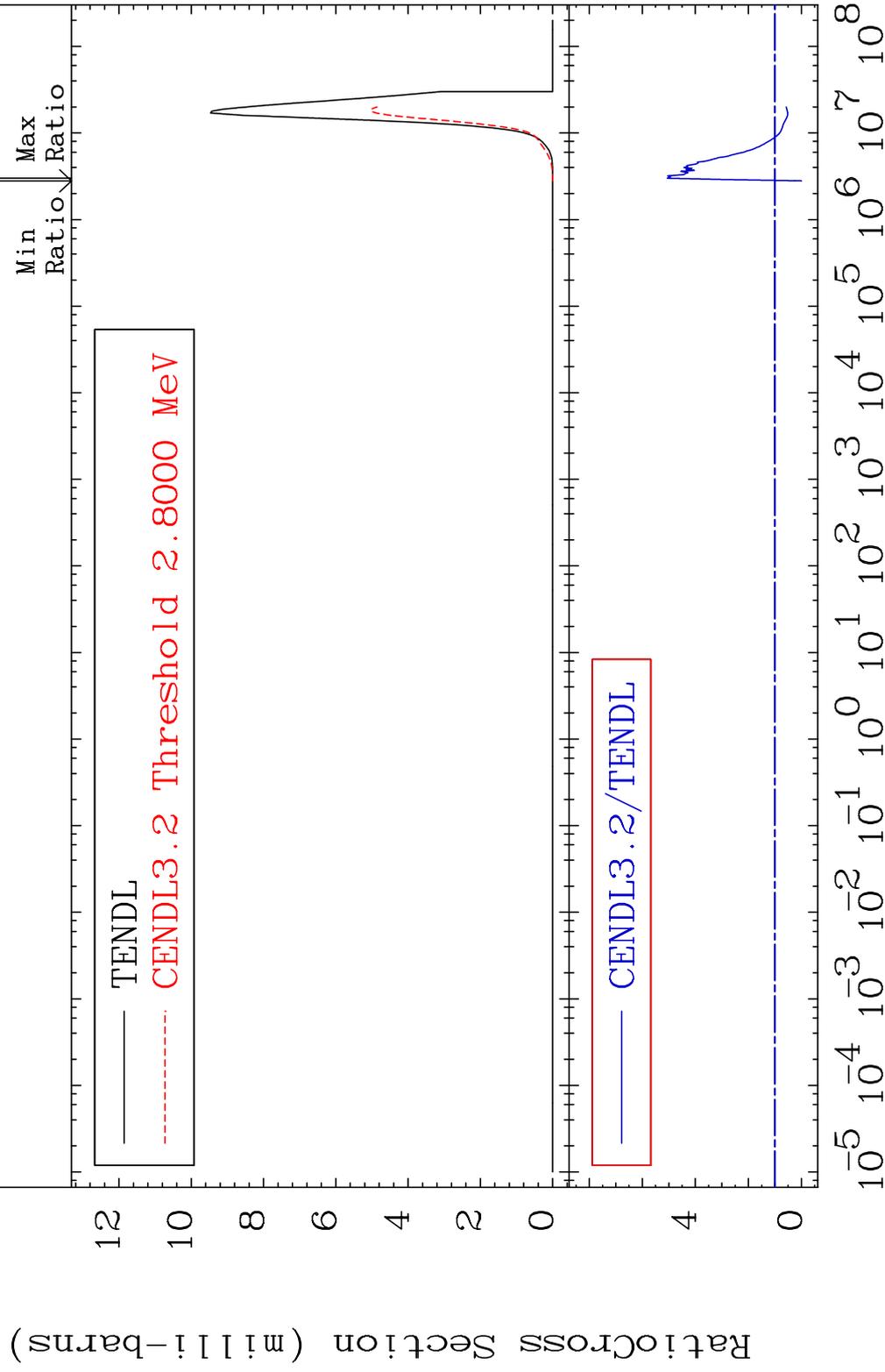
34-Se-79

MAT 3440

(n, α)

34-Se-79

Cross Section -100.0 To 406.0 %

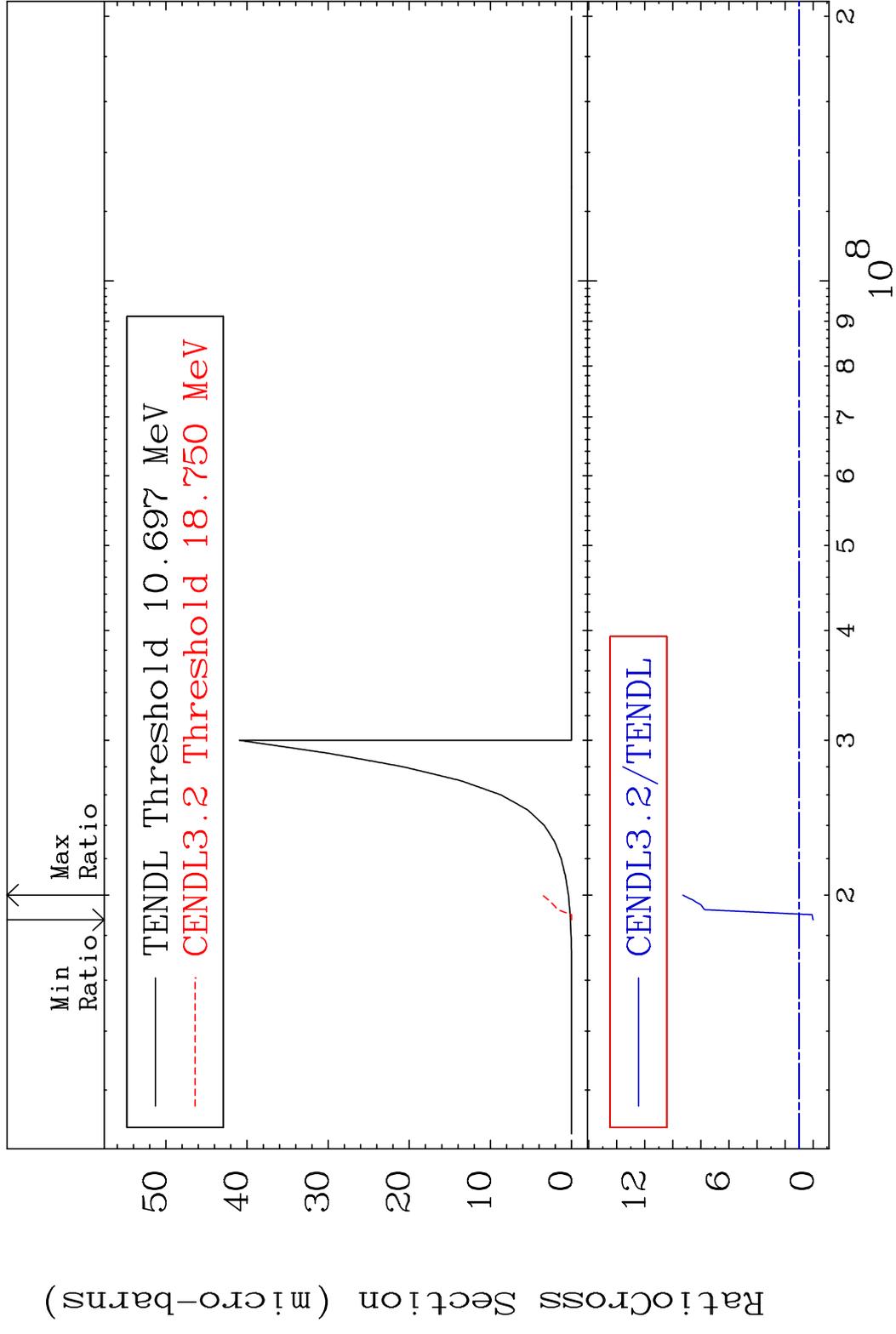


25

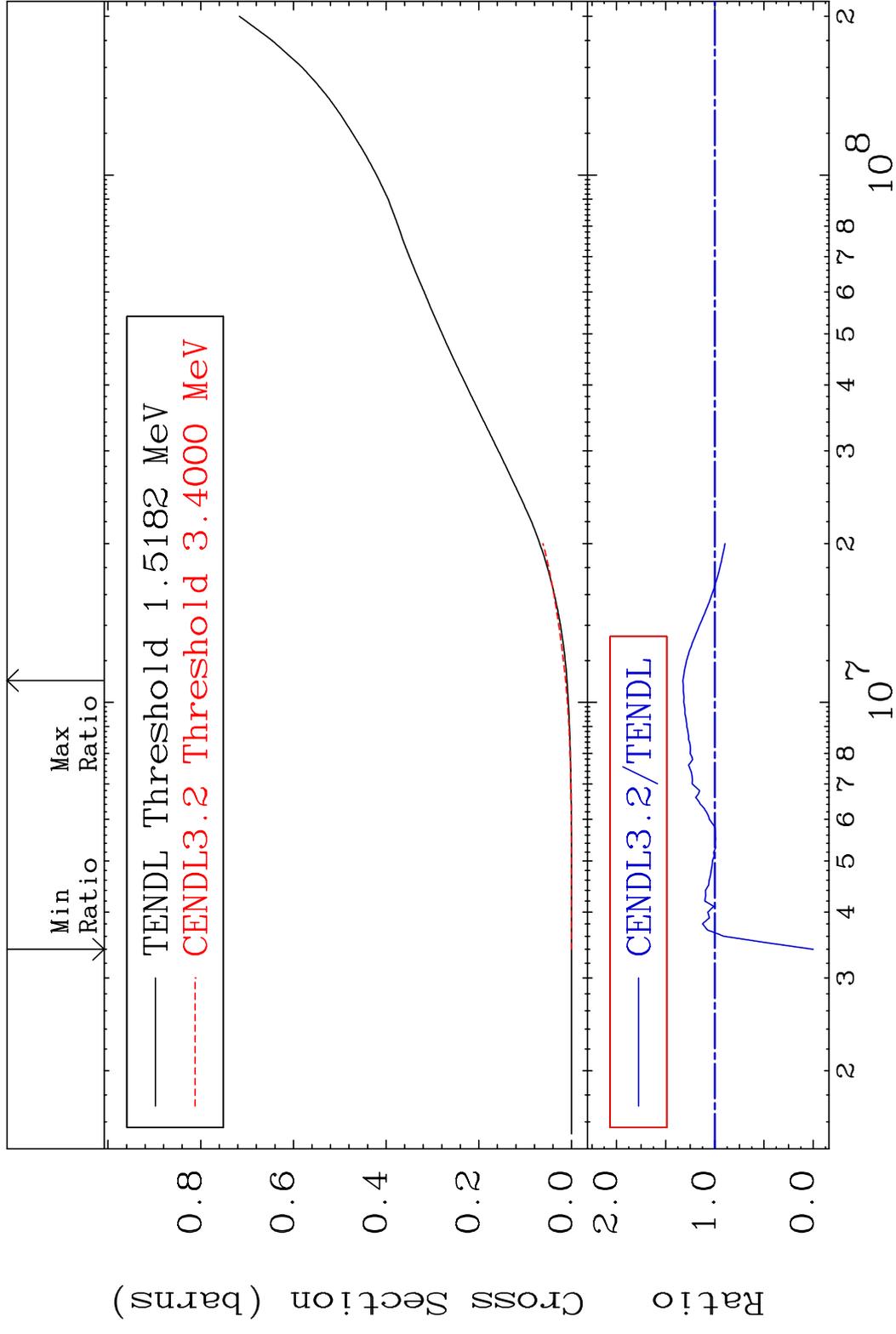
Incident Energy (eV)

34-Se-79

MAT 3440 (n,2p) 34-Se-79
 Cross Section -100.0 To 829.0 %



MAT 3440 Hydrogen Production 34-Se-79
 Cross Section -100.0 To 32.54 %

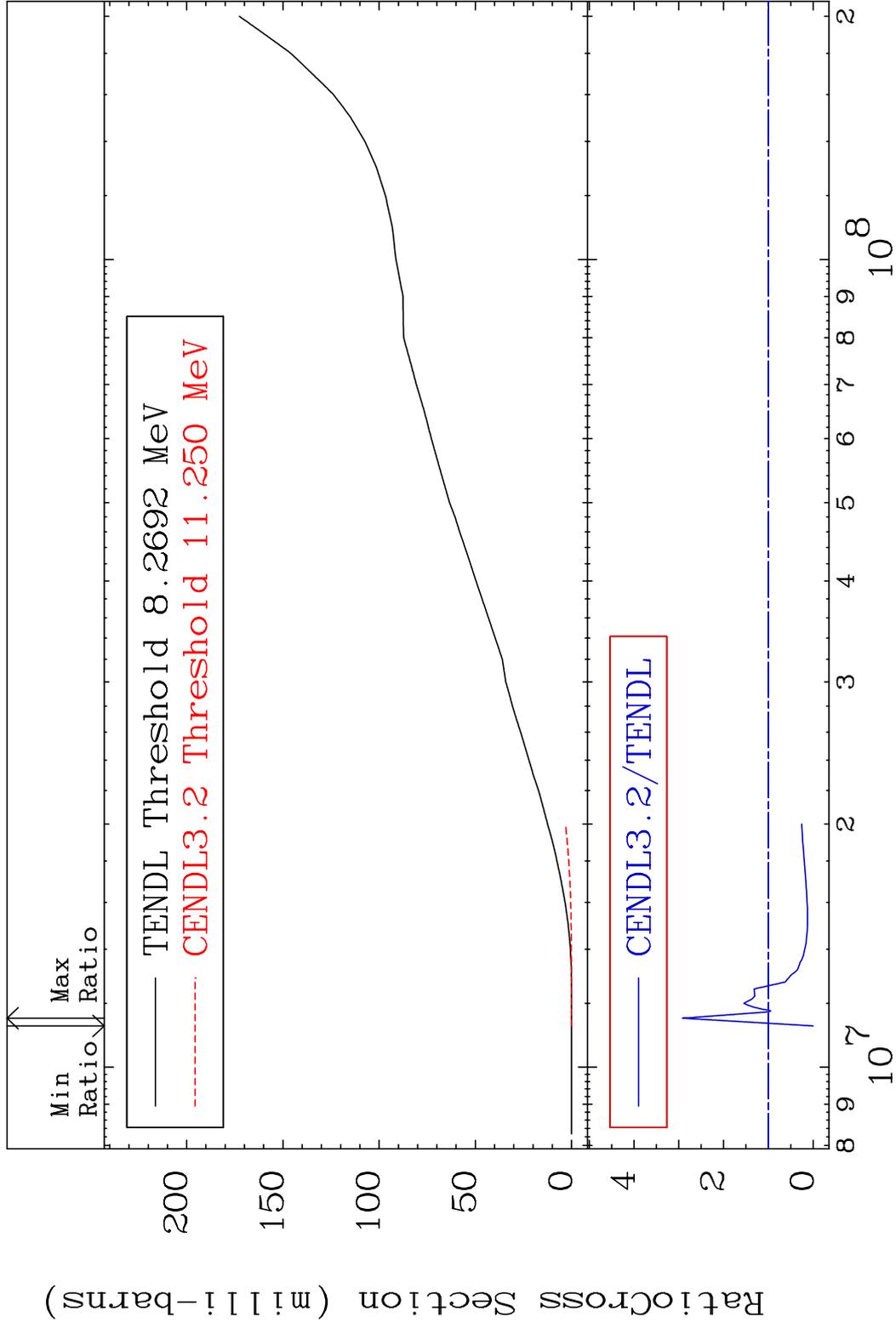


MAT 3440

Deuterium Production

³⁴Se-79

Cross Section -100.0 To 191.0 %



28

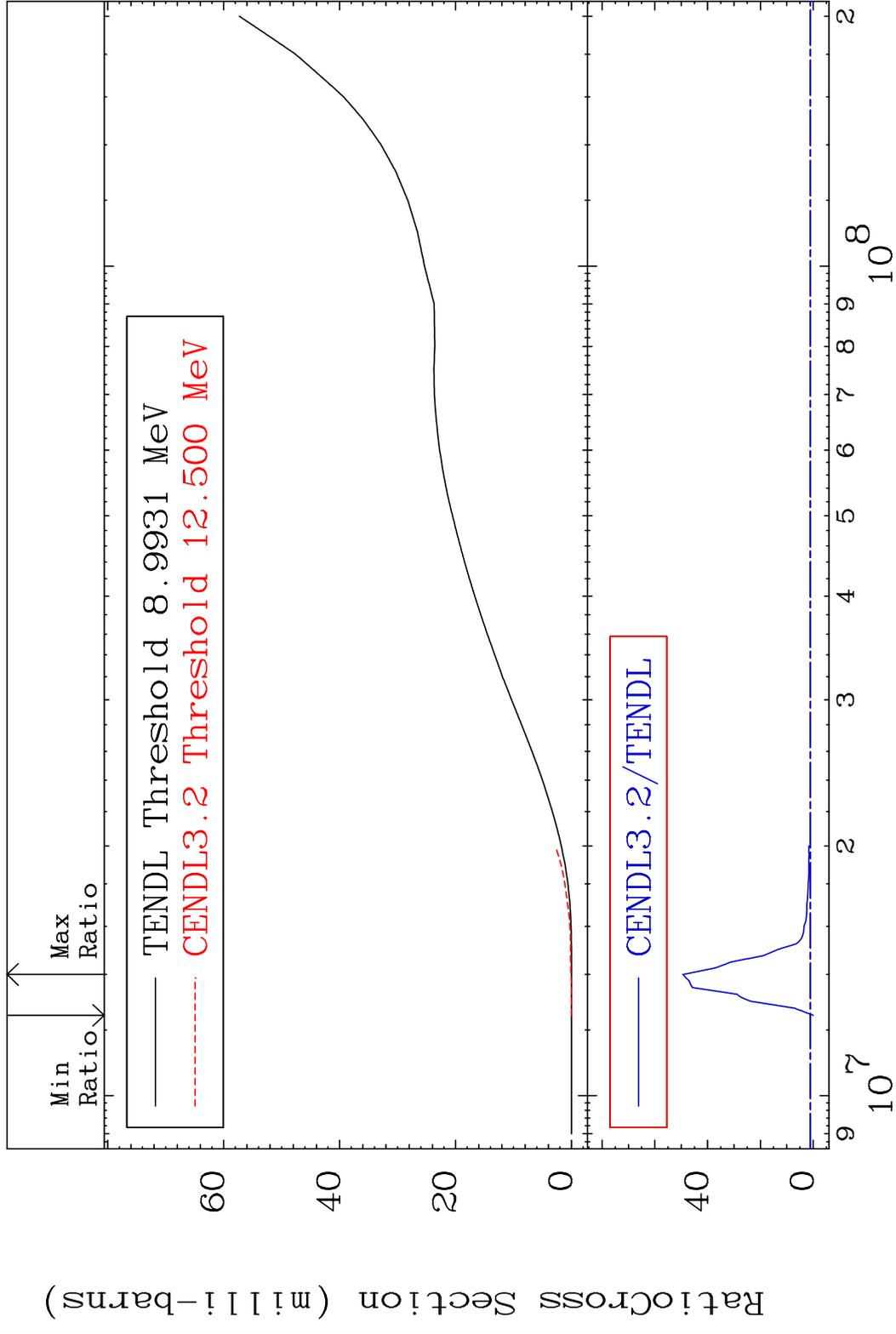
Incident Energy (eV)

³⁴Se-79

MAT 3440

Tritium Production 34-Se-79

Cross Section -100.0 To 4839. %



29

Incident Energy (eV)

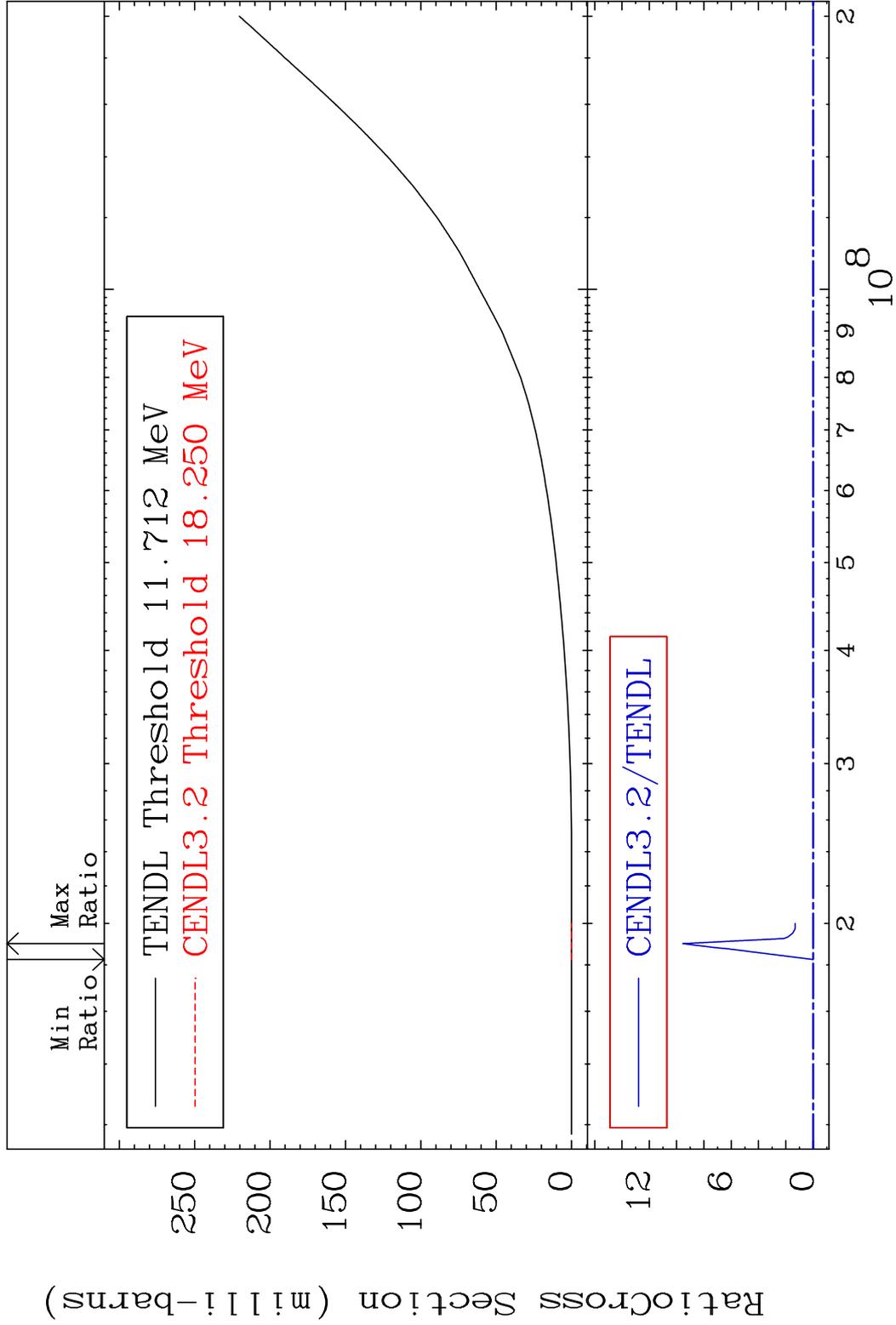
34-Se-79

MAT 3440

He-3 Production

34-Se-79

Cross Section -100.0 To 9999. %



30

Incident Energy (eV)

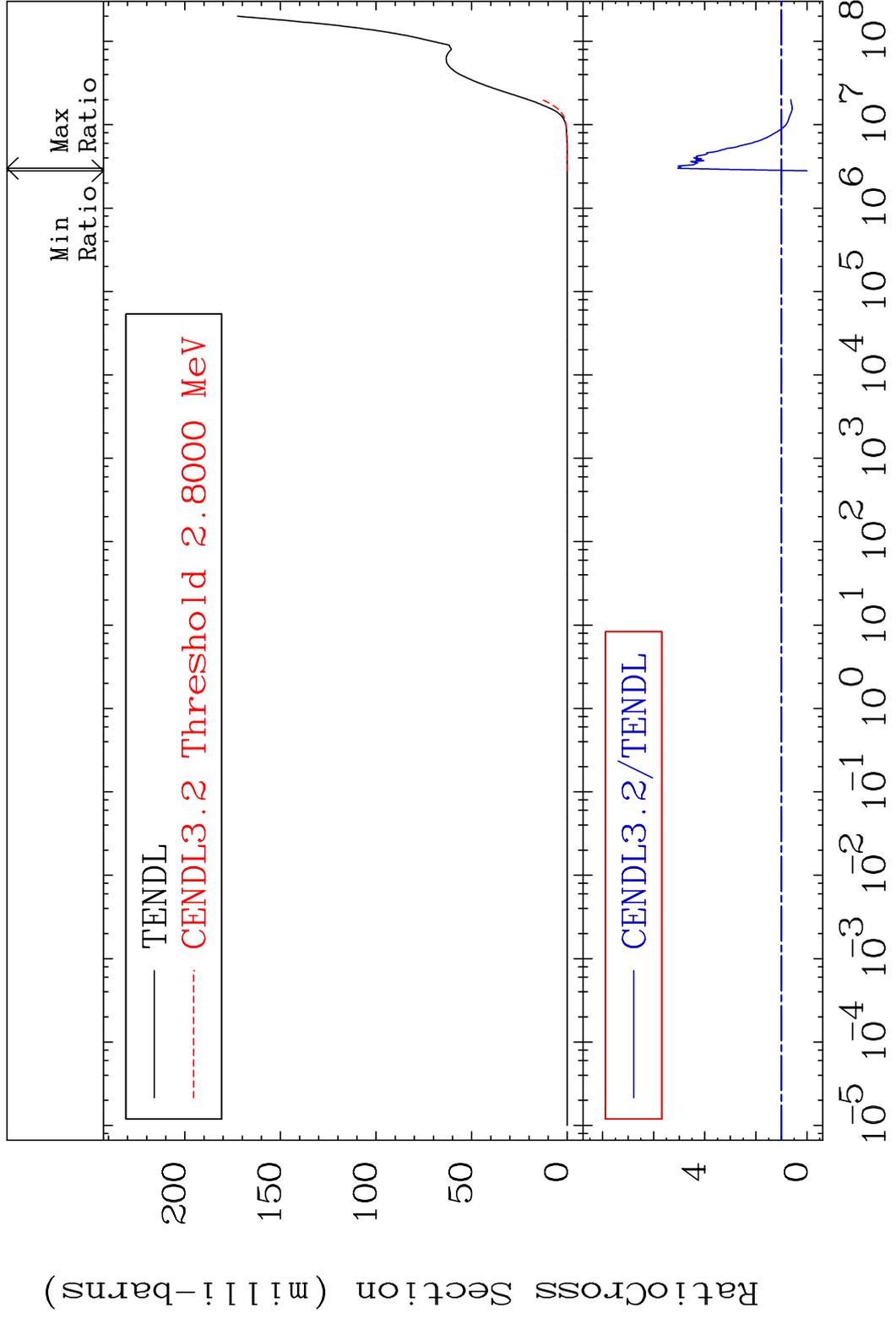
34-Se-79

MAT 3440

He-4 Production

34-Se-79

Cross Section -100.0 To 406.0 %

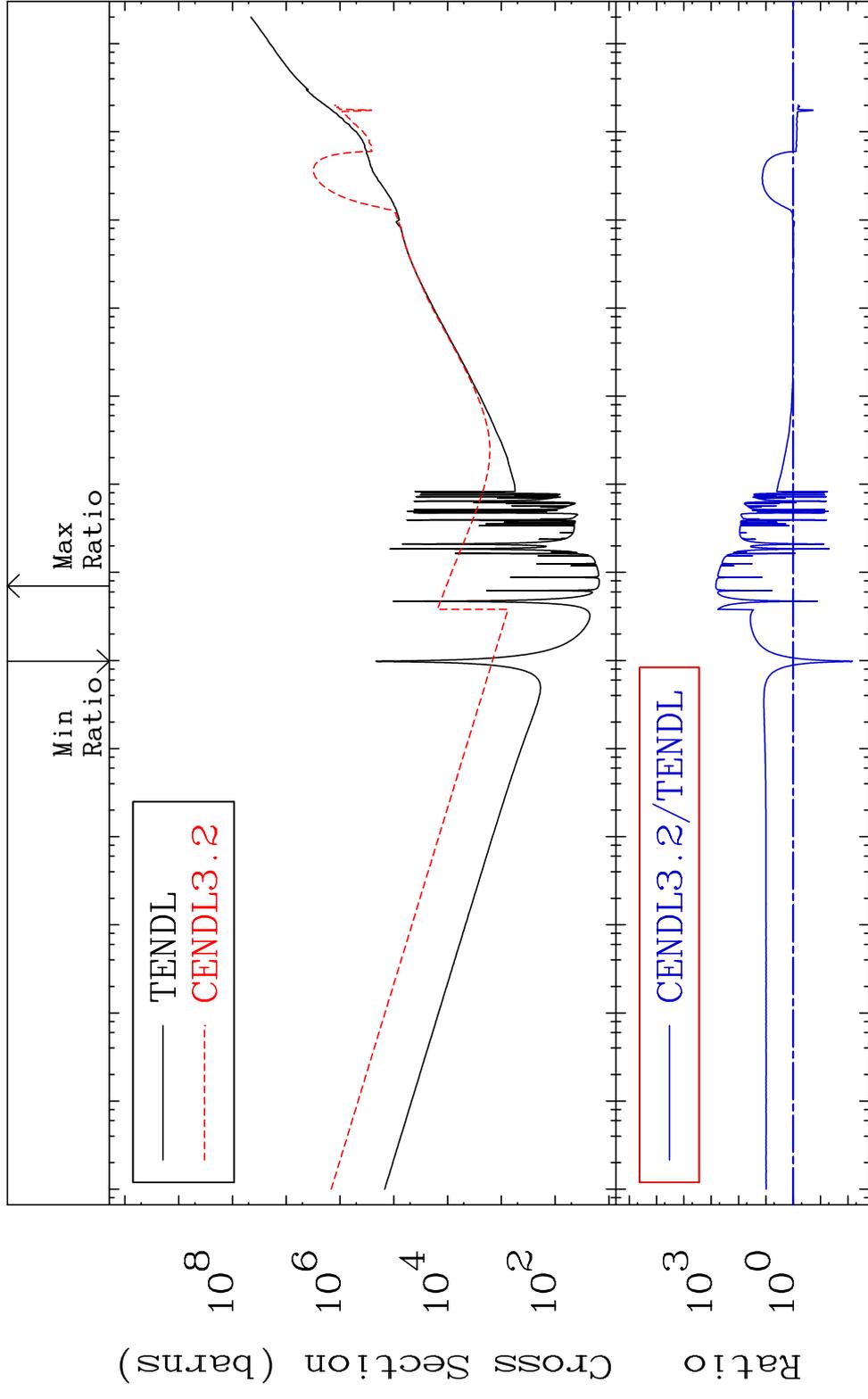


31

Incident Energy (eV)

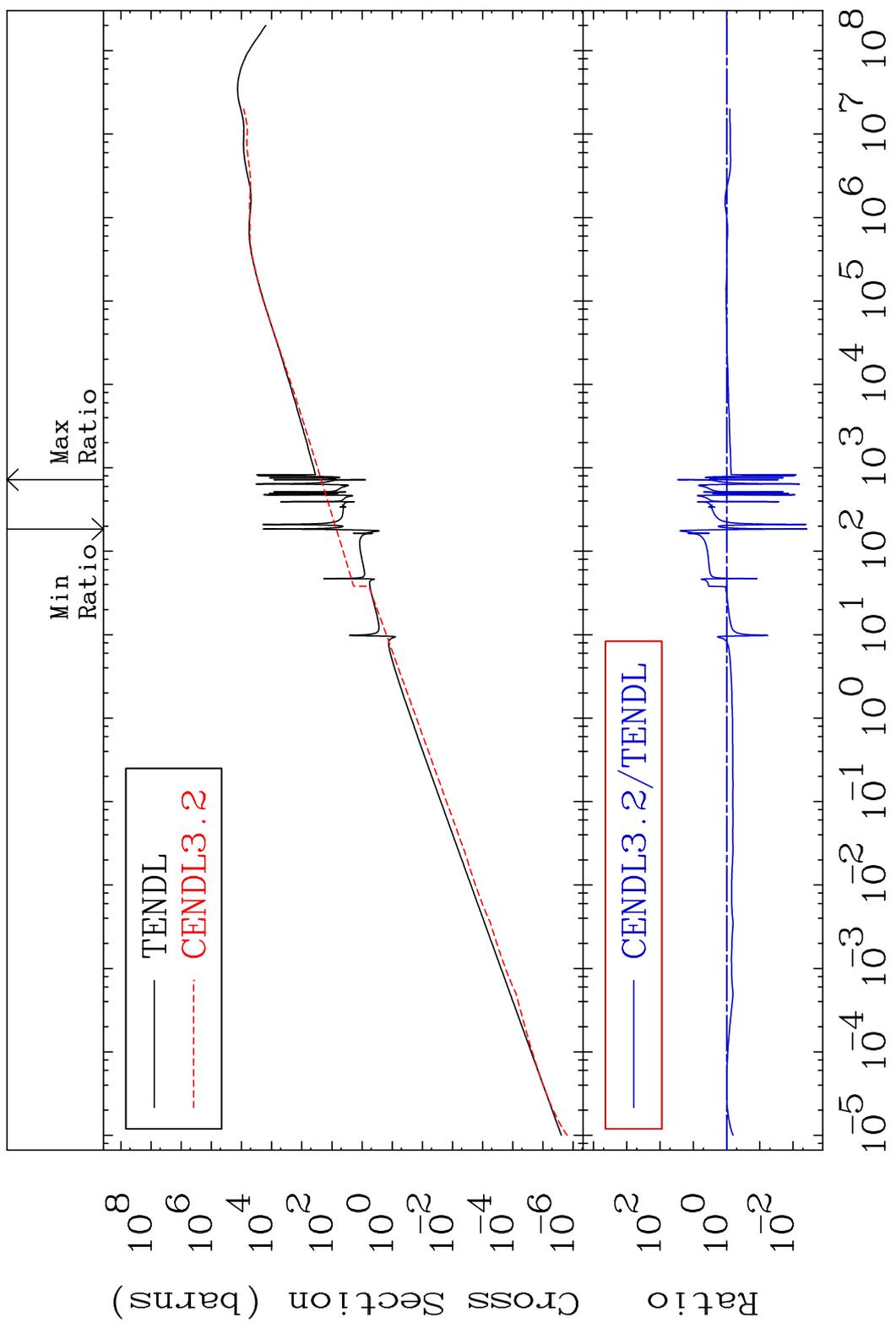
34-Se-79

MAT 3440 Kerma total (eV-barns) 34-Se-79
 Cross Section -99.32 To 9999. %



MAT 3440

Kerma elastic Cross Section -99.62 To 2846. %
34-Se-79

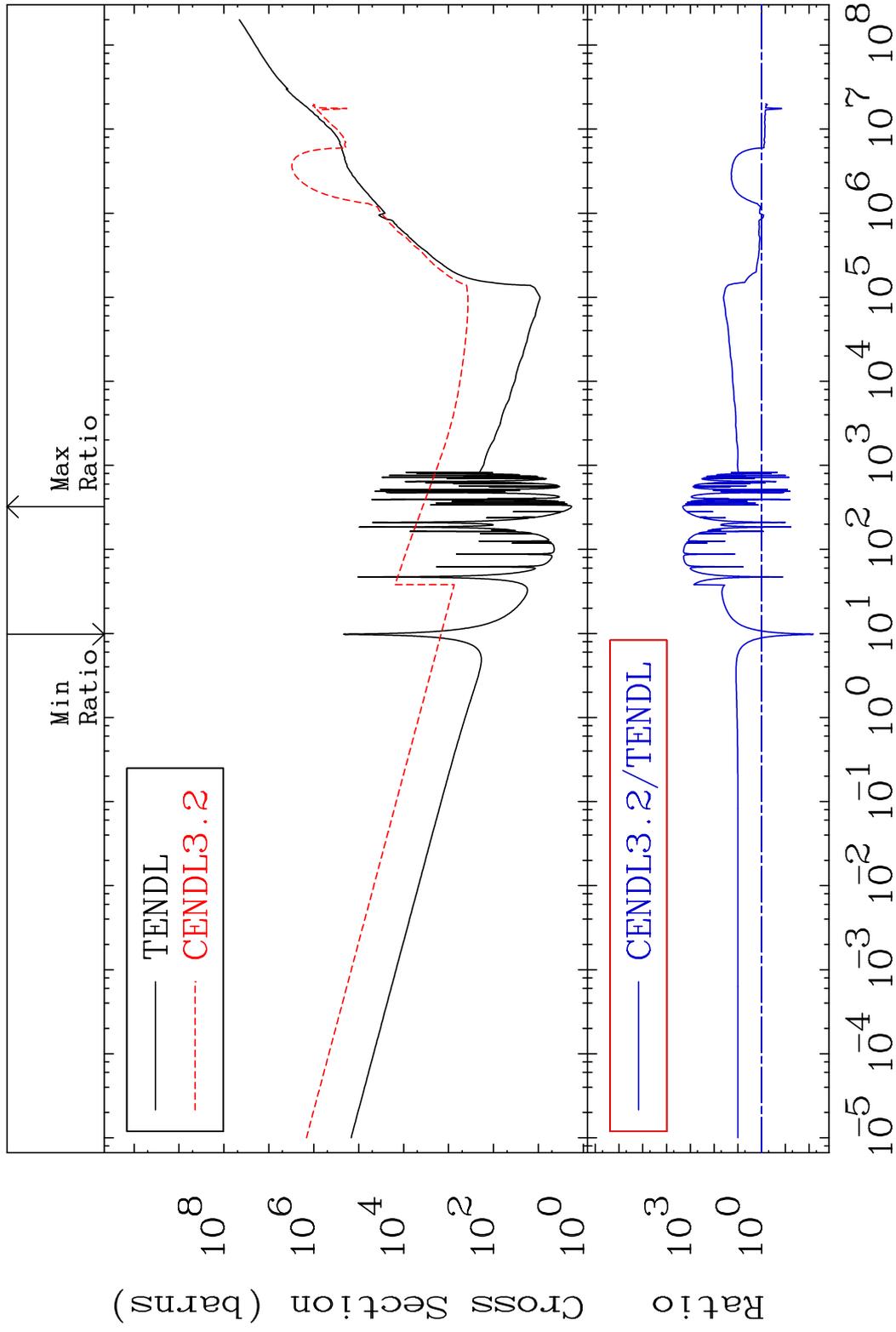


33

Incident Energy (eV)

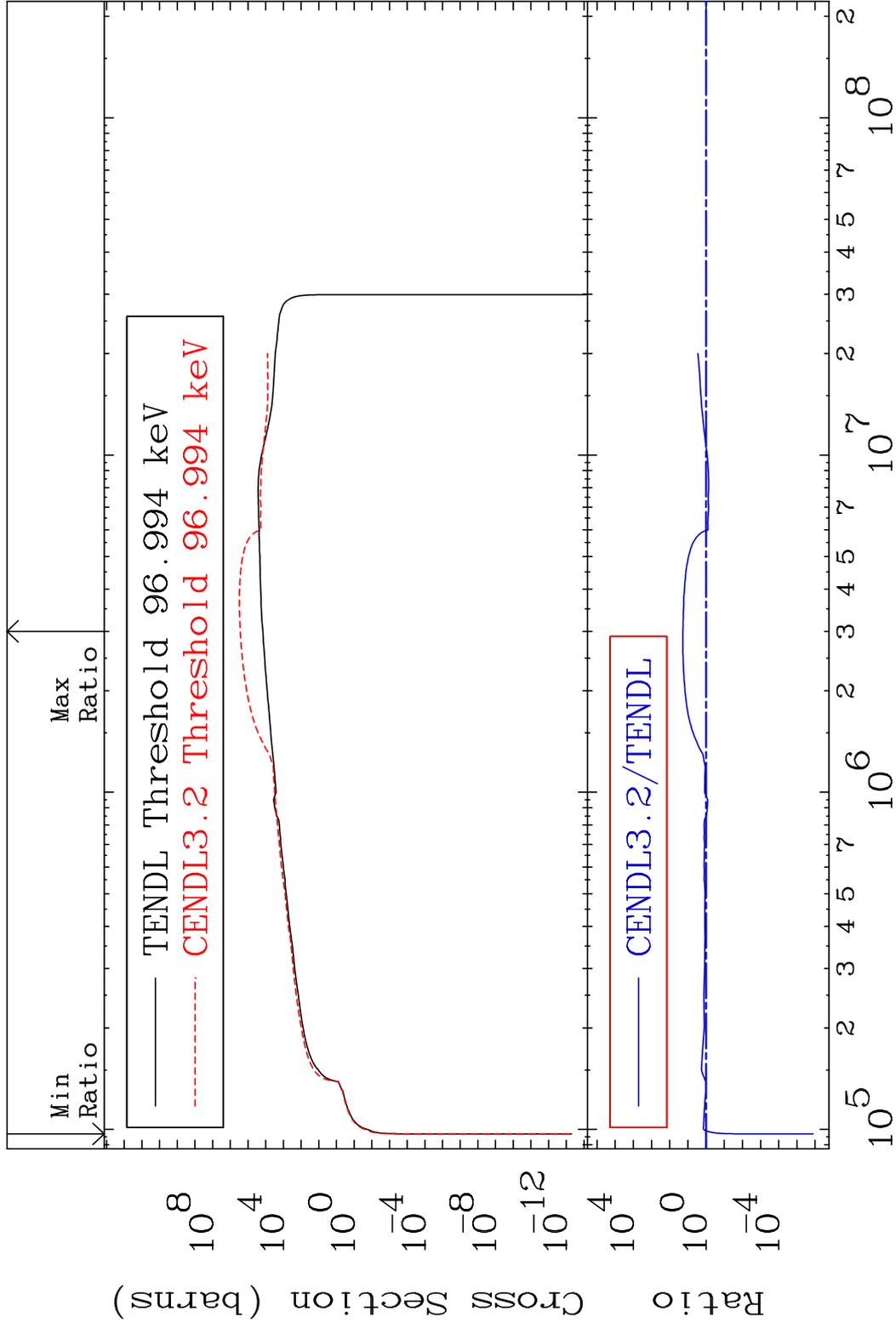
34-Se-79

MAT 3440 Kerma non-elastic (all but mt2) 34-Se-79
 Cross Section -99.32 To 9999. %

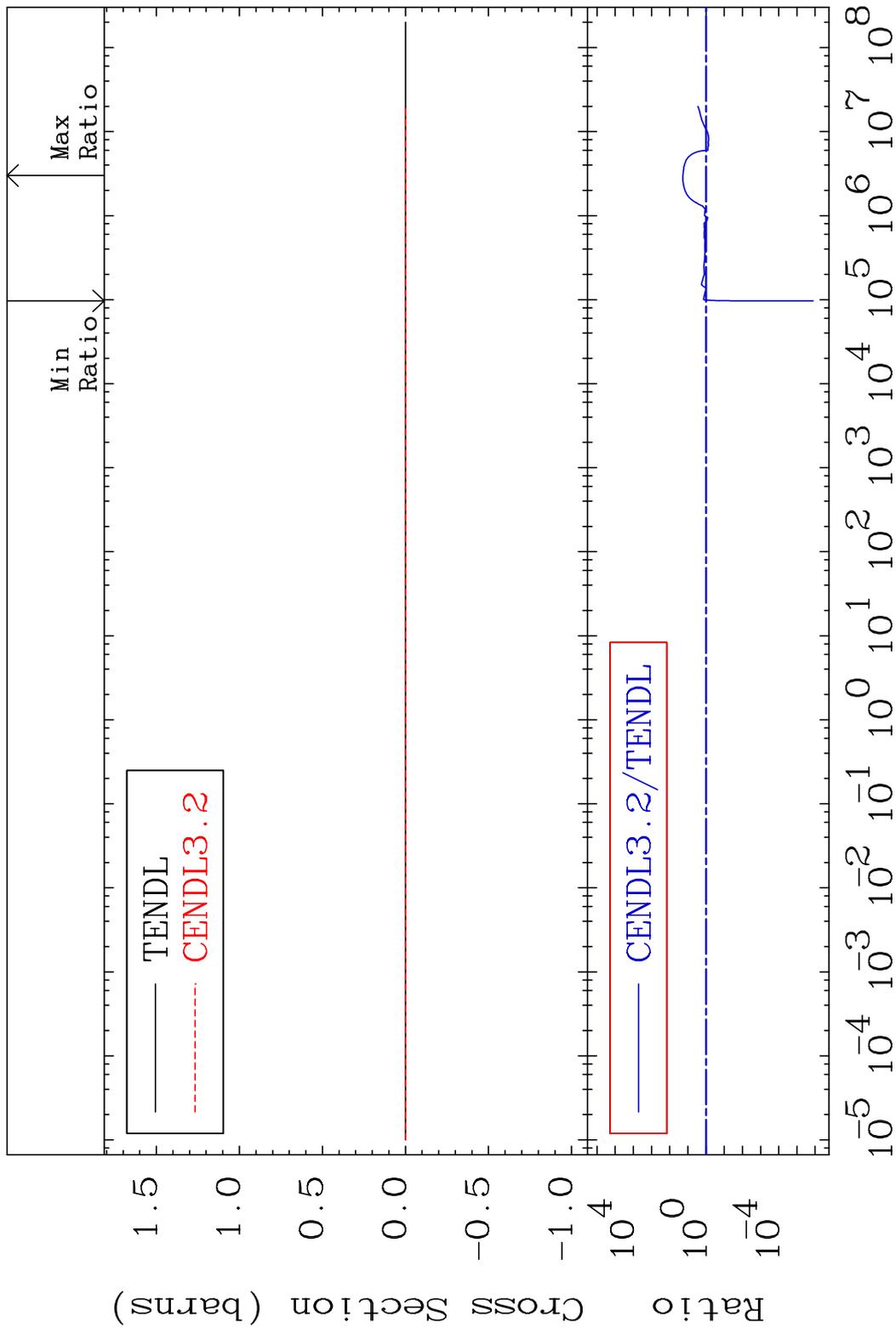


34 Incident Energy (eV) 34-Se-79

MAT 3440 Kerma inelastic (mt51-91) 34-Se-79
 Cross Section -100.0 To 1798. %

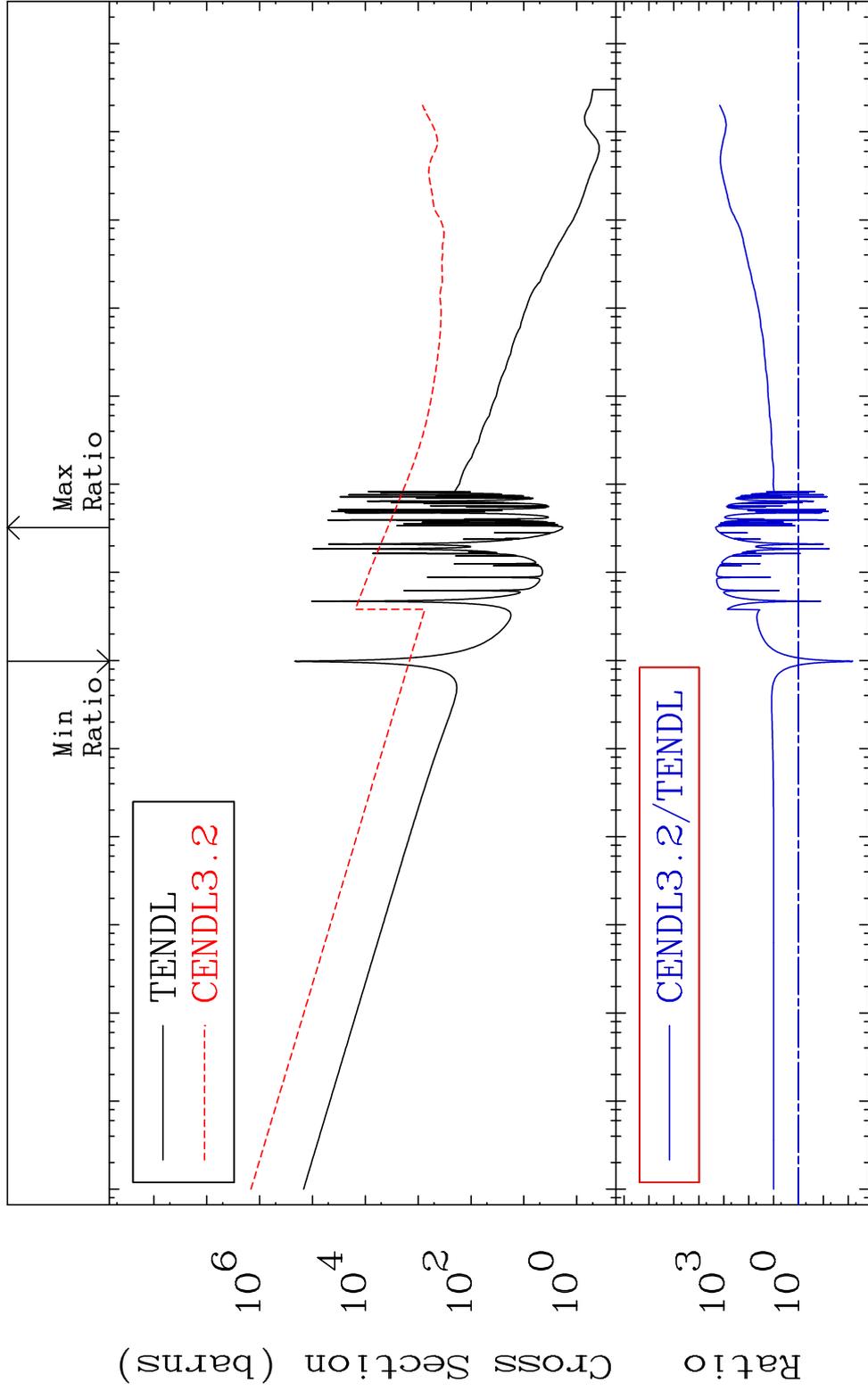


MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-Se-79
 Cross Section -100.0 To 1798. %

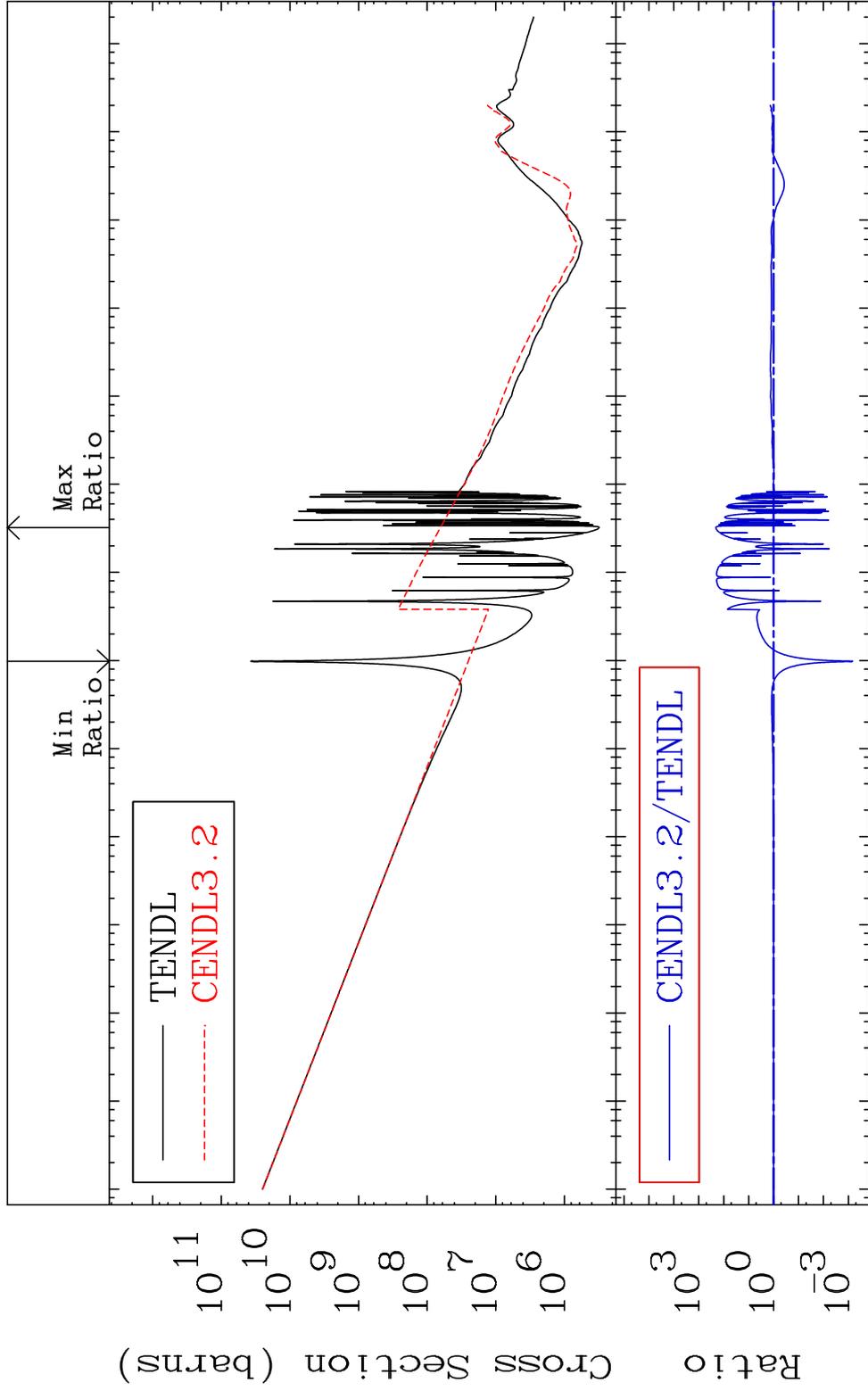


MAT 3440

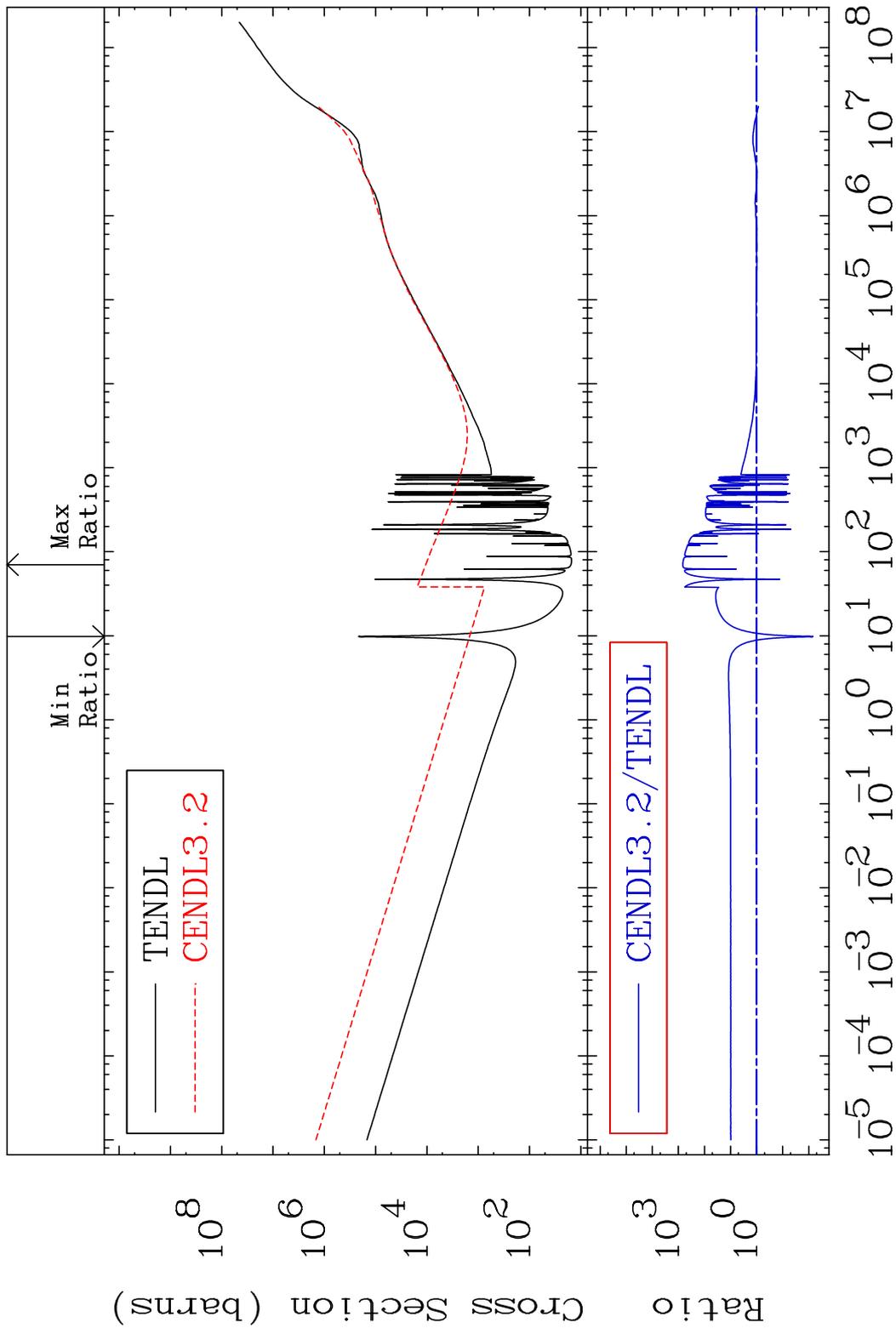
Kerma capture (mt102) 34-Se-79
Cross Section -99.32 To 9999. %



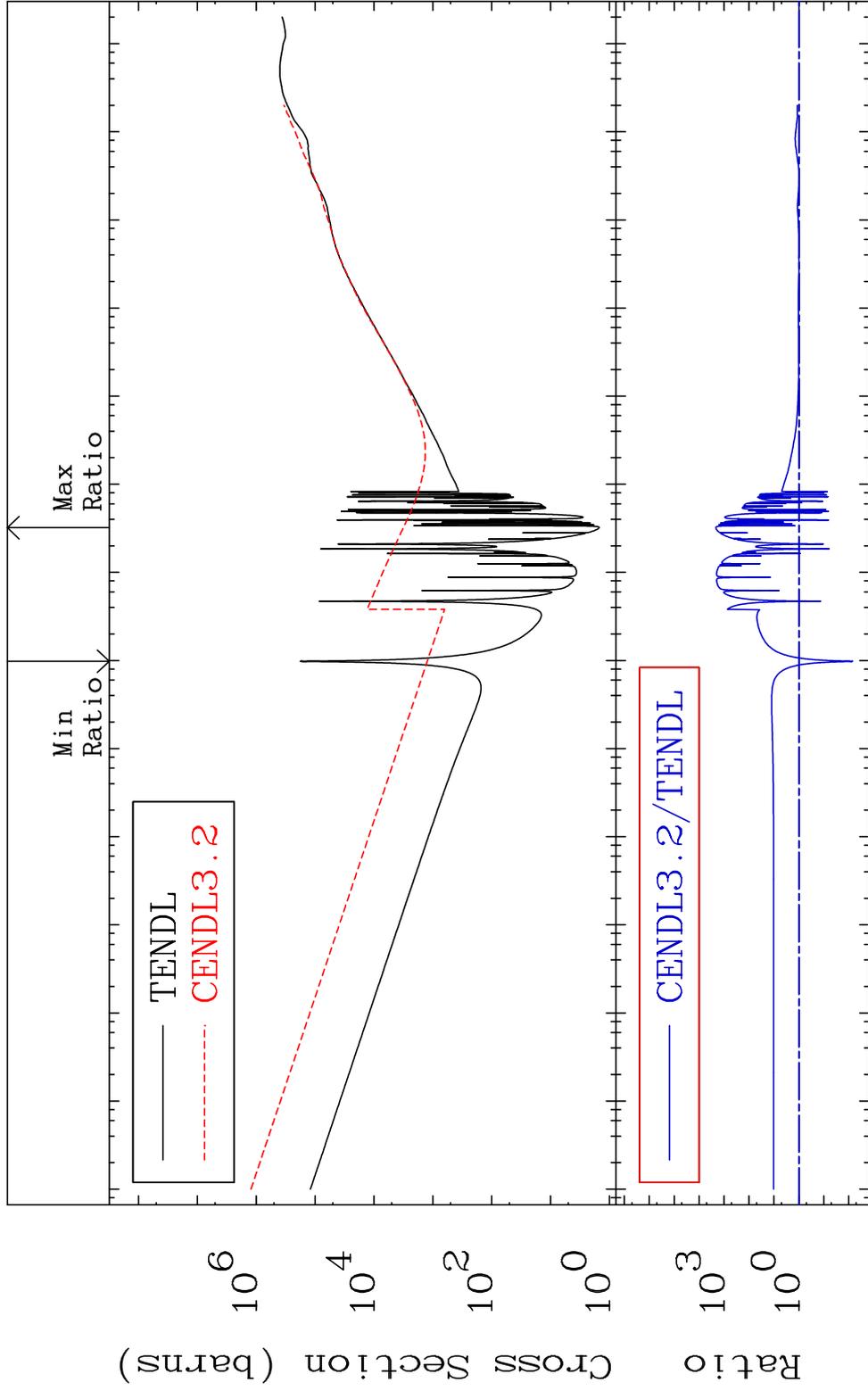
MAT 3440 Total photon (eV-barns) 34-Se-79
 Cross Section -99.93 To 9999. %



MAT 3440 Total kinematic kerma (high limit) 34-Se-79
 Cross Section -99.32 To 9999. %

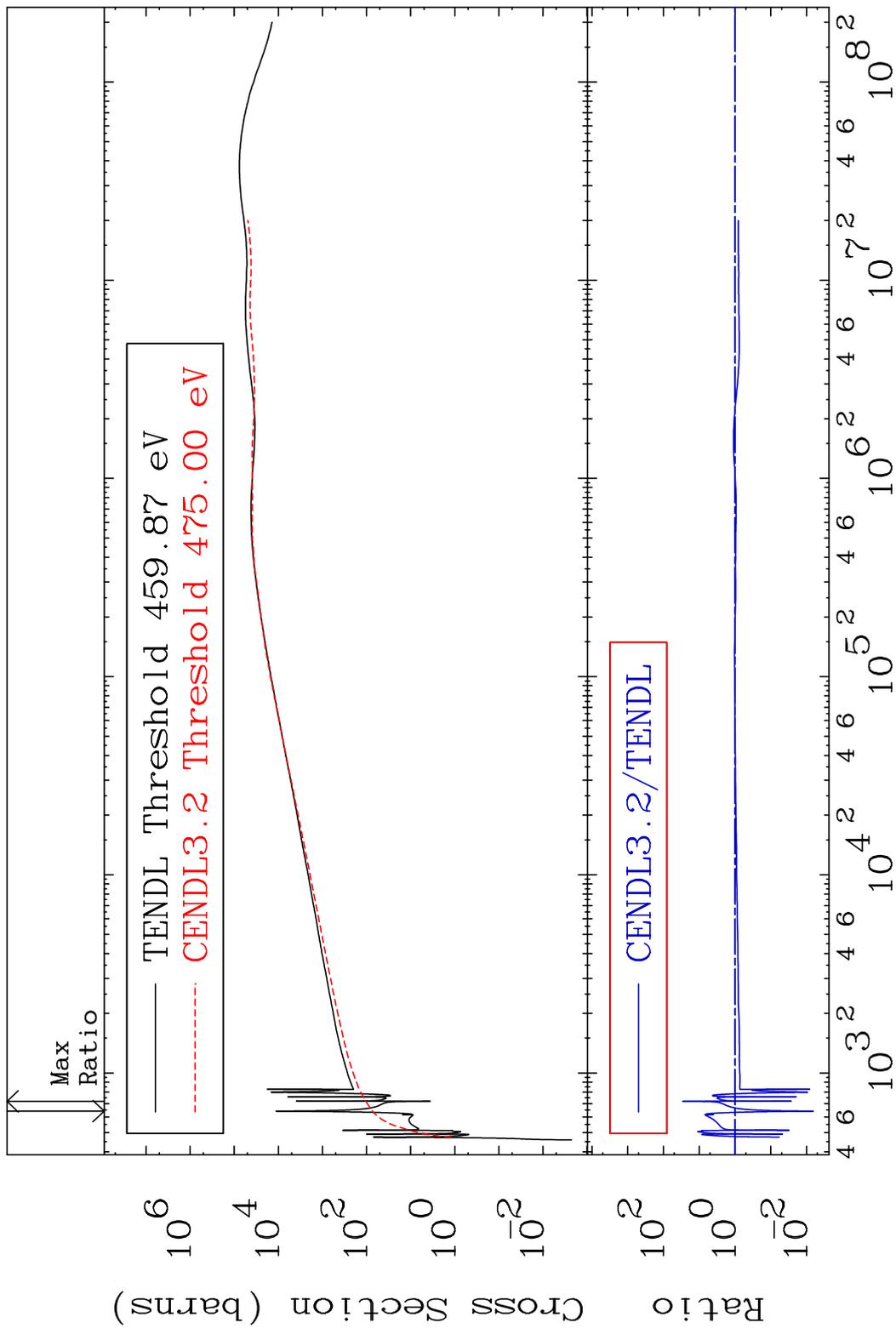


MAT 3440 Dpa total (eV-barns) 34-Se-79
 Cross Section -99.30 To 9999. %

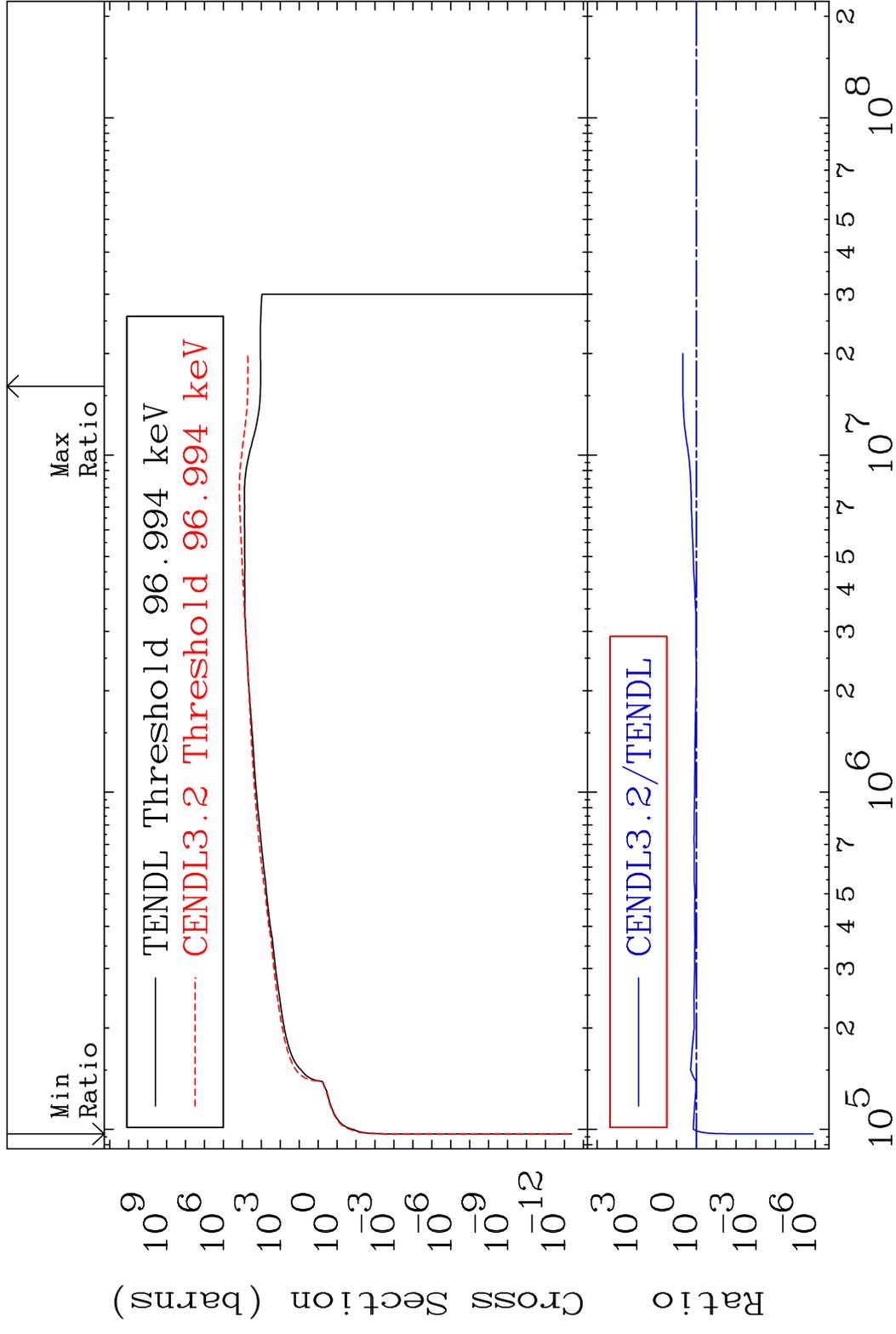


40 Incident Energy (eV) 34-Se-79

MAT 3440 Dpa elastic (mt2) 34-Se-79
 Cross Section -99.34 To 2784. %

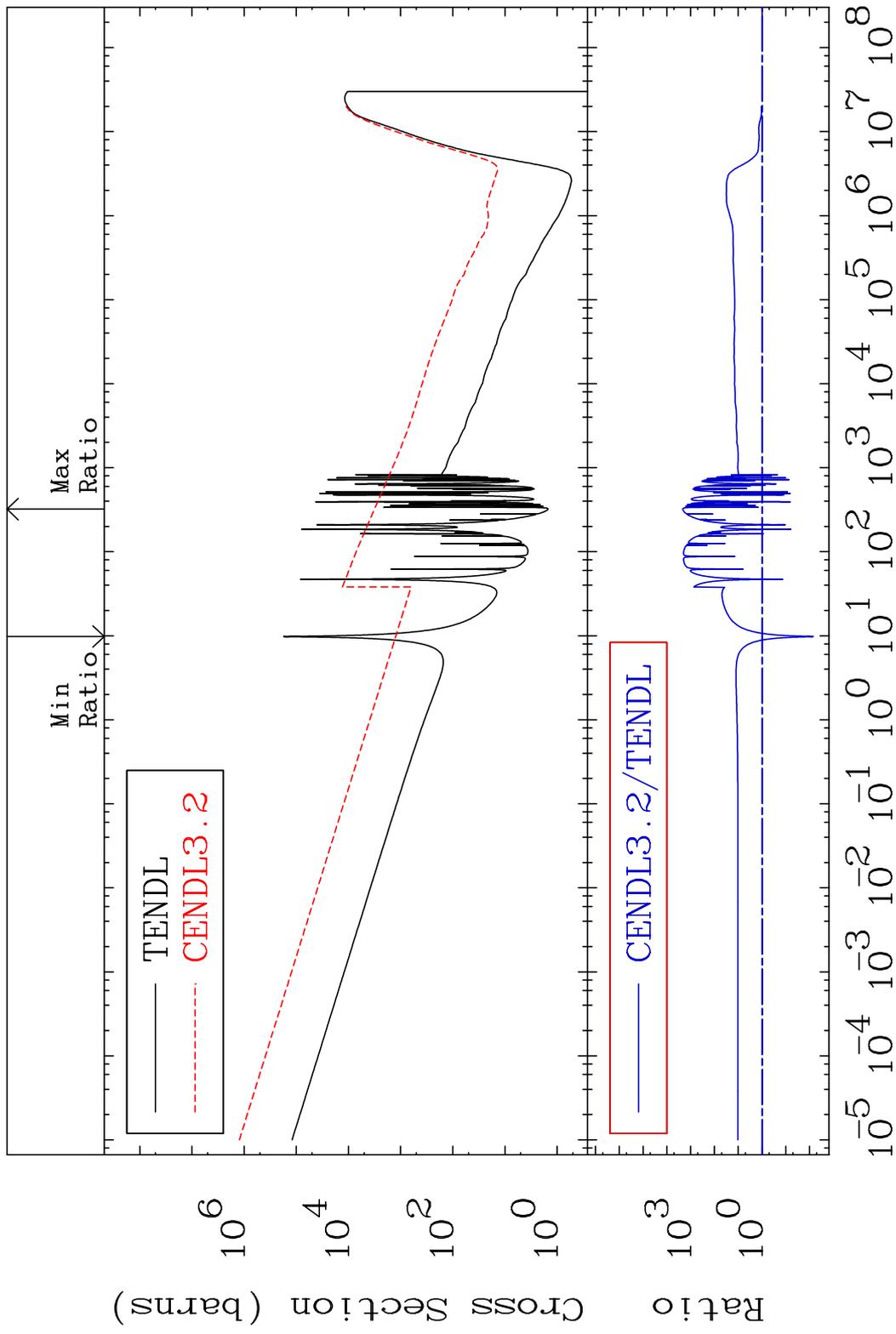


MAT 3440 Dpa inelastic (mt51-91) 34-Se-79
 Cross Section -100.0 To 375.1 %

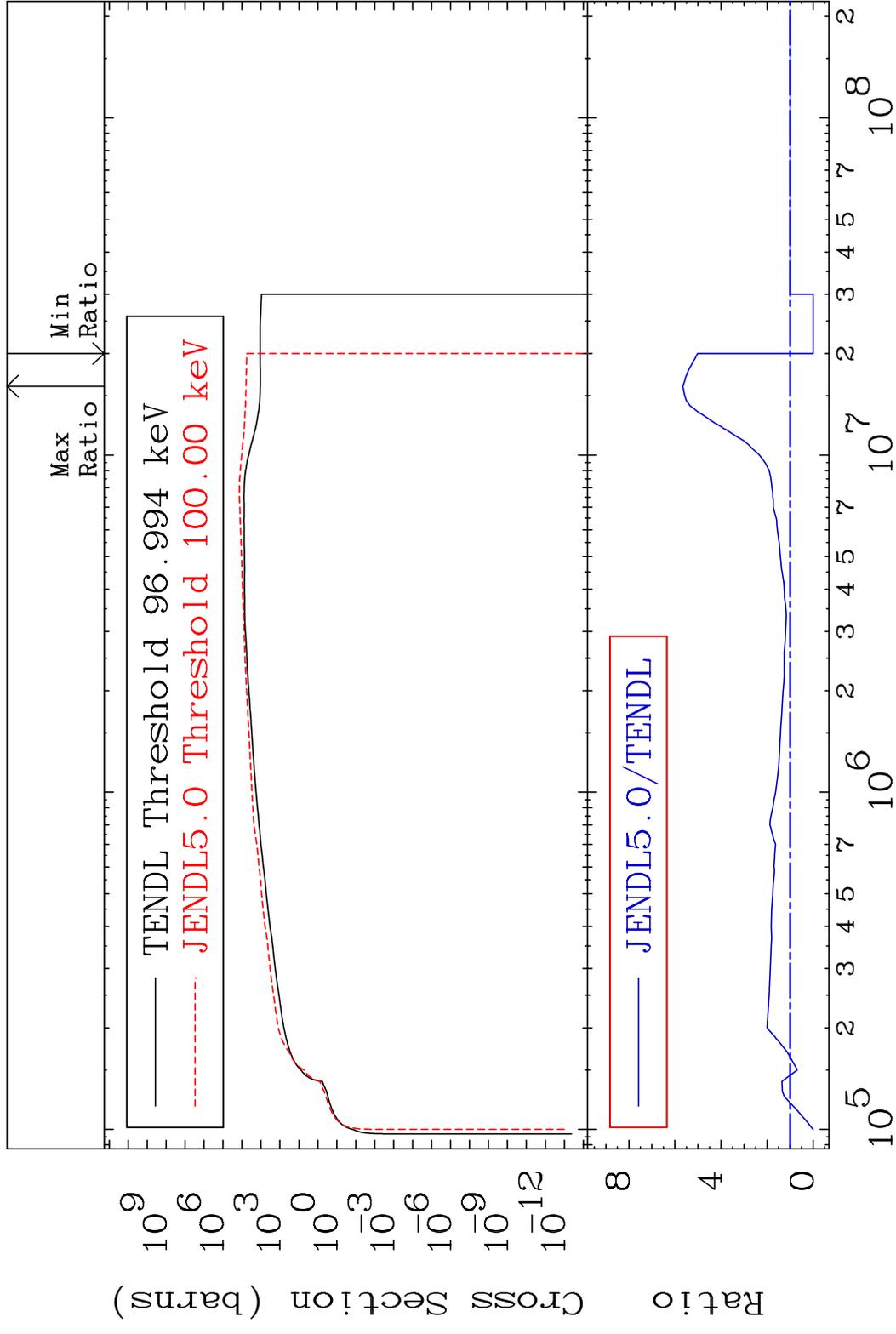


42 Incident Energy (eV) 34-Se-79

MAT 3440 Dpa disappearance (mt102 -120) 34-Se-79
 Cross Section -99.30 To 9999. %

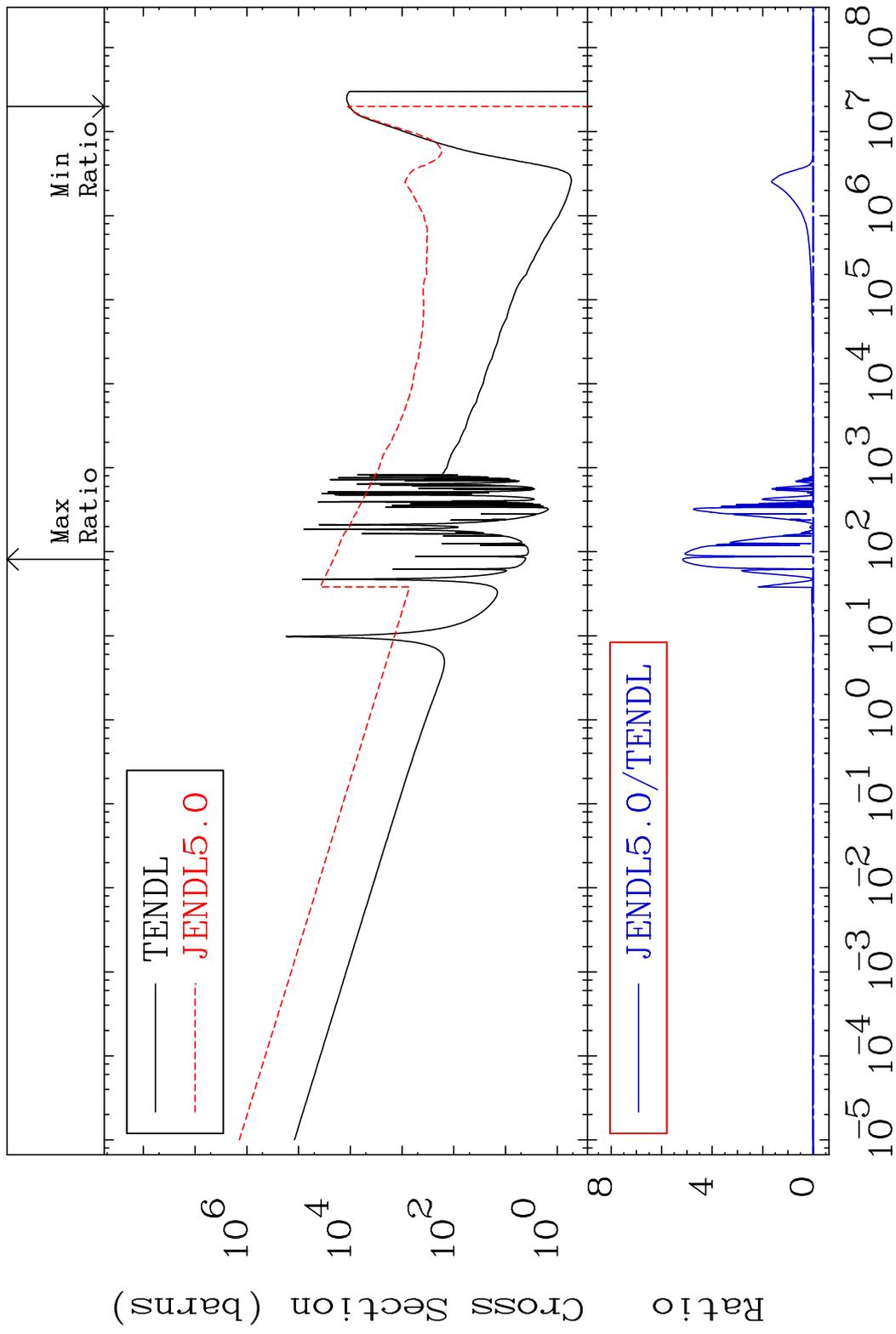


MAT 3440 Dpa inelastic (mt51-91) 34-Se-79
 Cross Section -100.0 To 465.9 %



44 Incident Energy (eV) 34-Se-79

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

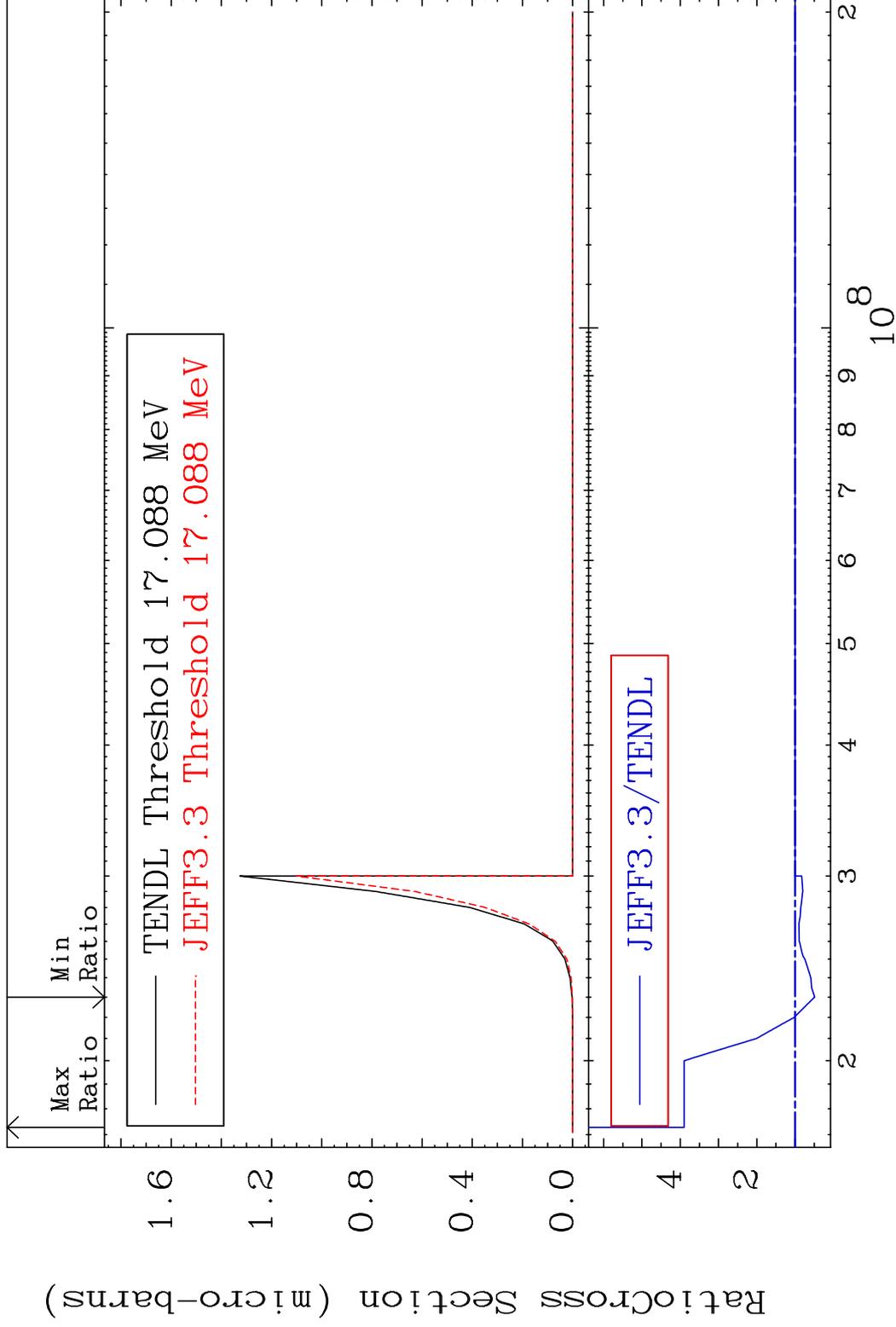


MAT 3440

(n,p) t

³⁴Se-79

Cross Section -51.13 To 289.8 %



46

Incident Energy (eV)

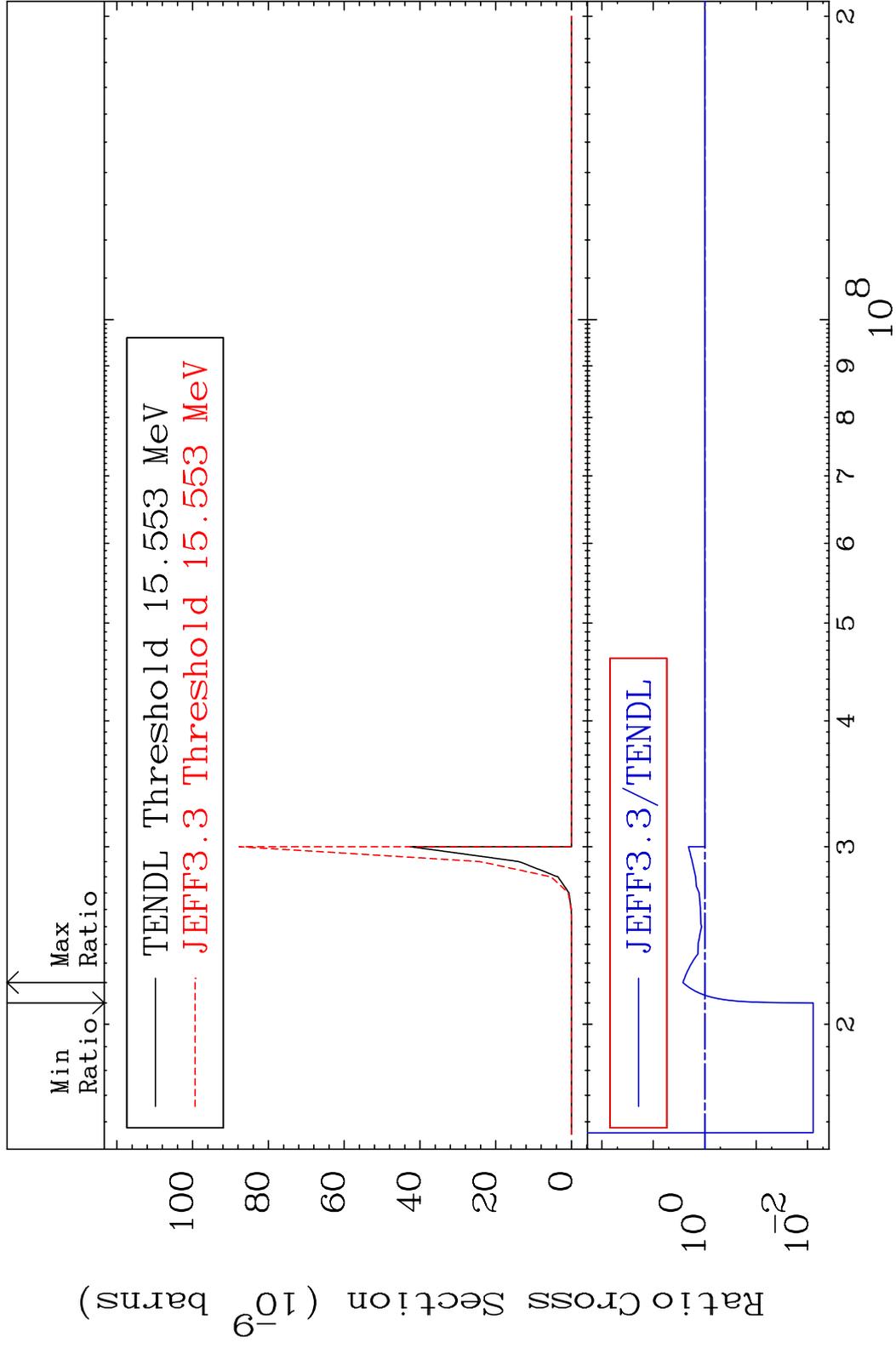
³⁴Se-79

MAT 3440

(n,d) α

34-Se-79

Cross Section -99.22 To 166.4 %

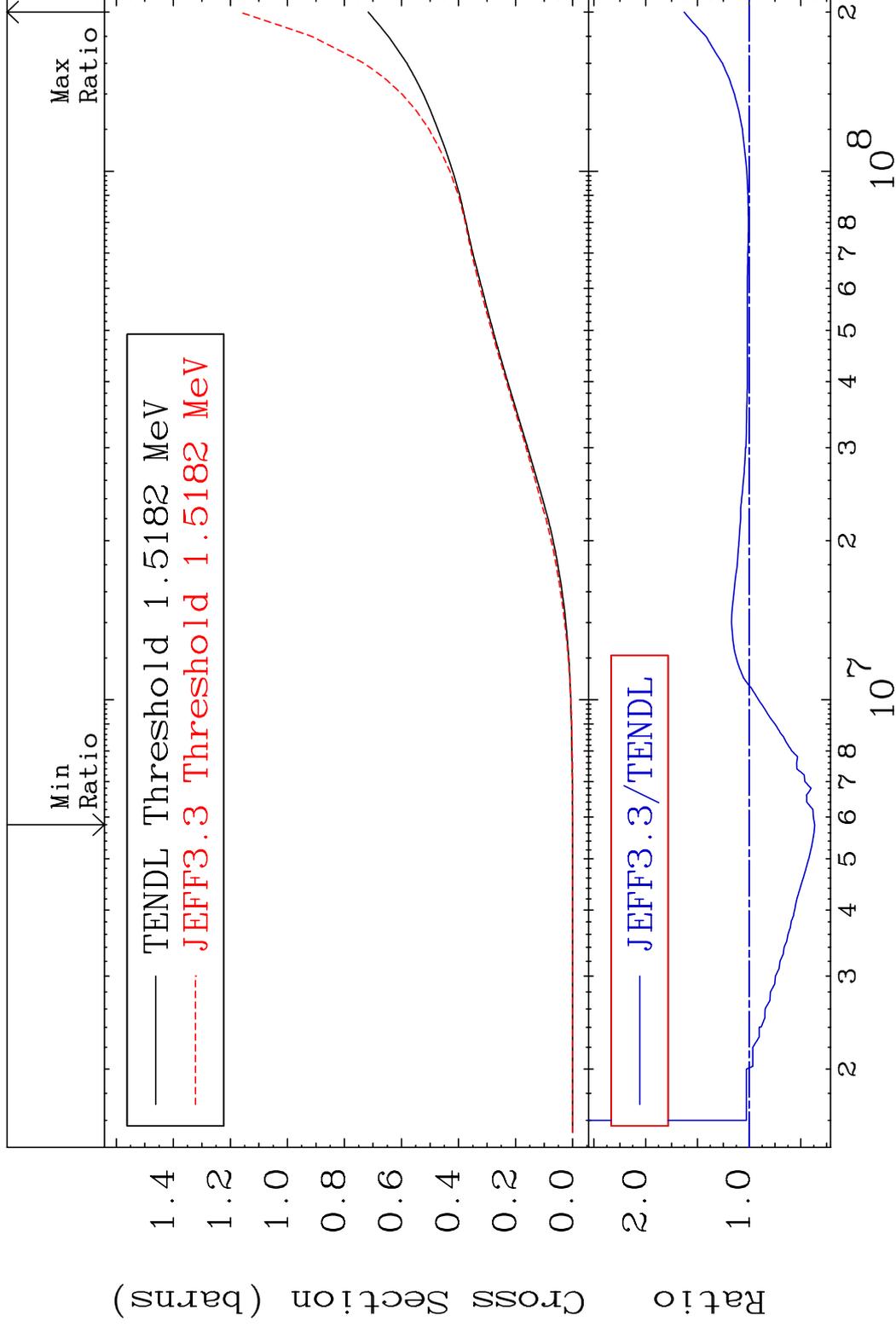


MAT 3440

Hydrogen Production

³⁴Se-79

Cross Section -63.37 To 62.83 %

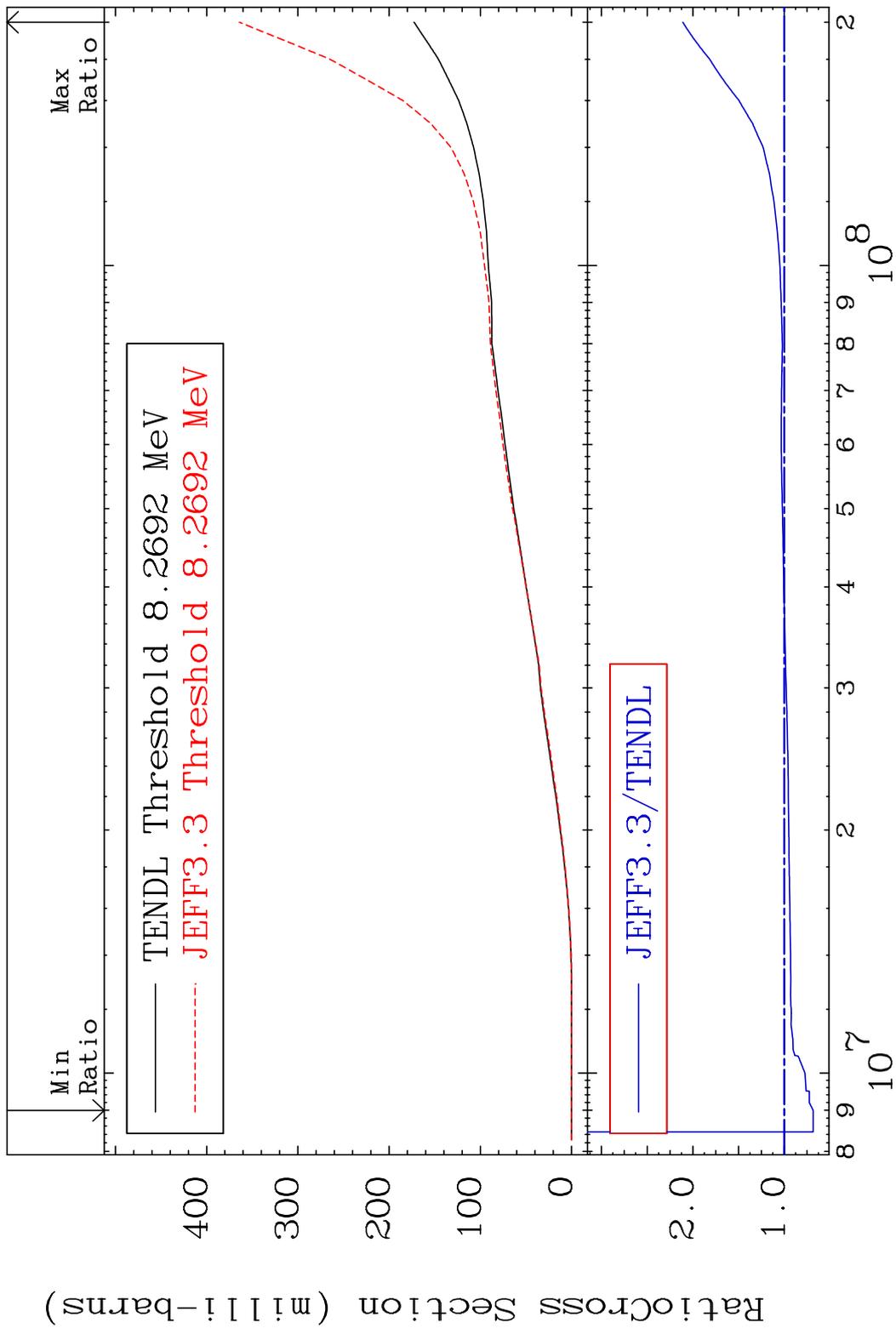


48

Incident Energy (eV)

³⁴Se-79

MAT 3440 Deuterium Production 34-Se-79
 Cross Section -31.75 To 110.9 %



49

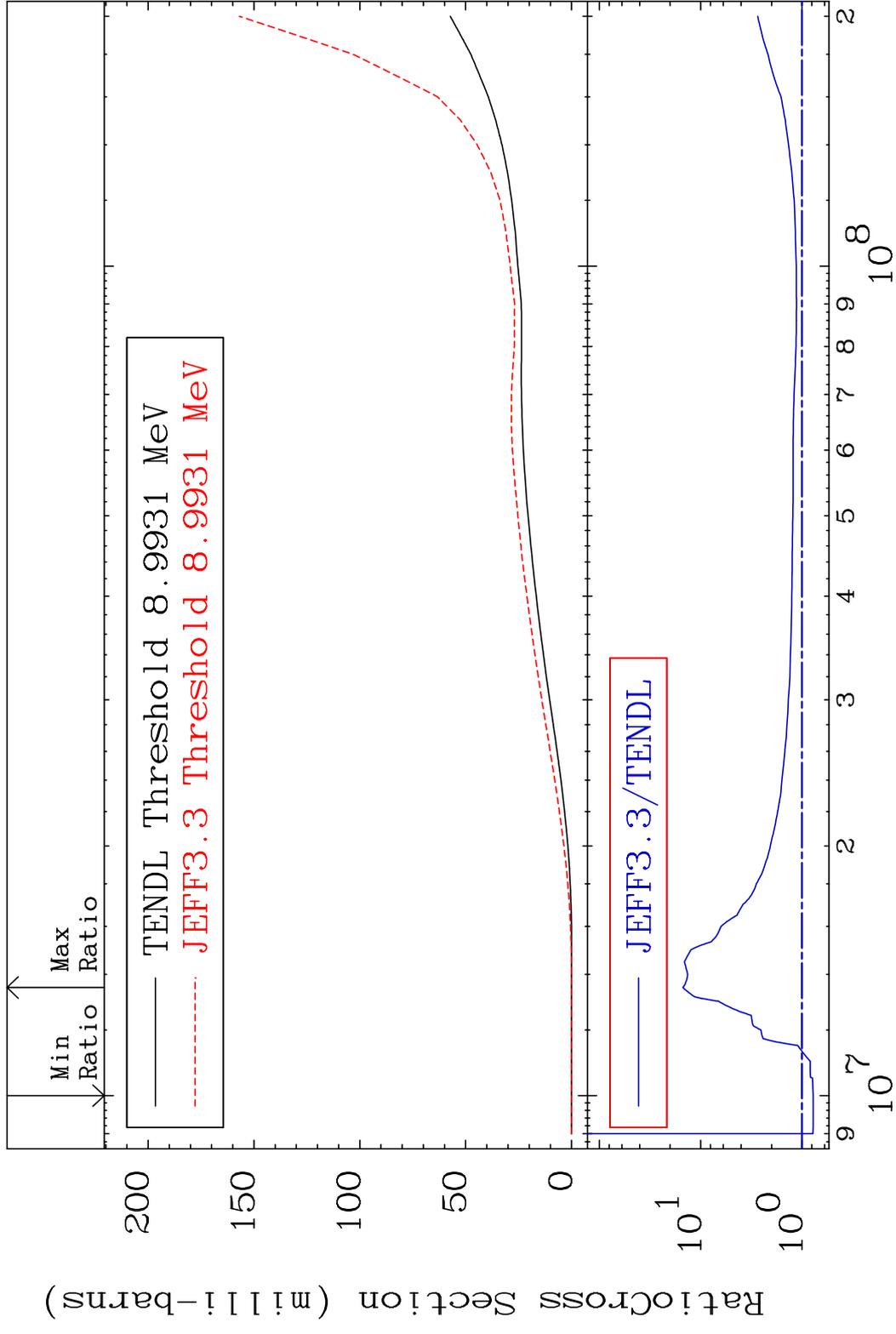
Incident Energy (eV) 34-Se-79

MAT 3440

Tritium Production

³⁴Se-79

Cross Section -22.24 To 1401. %

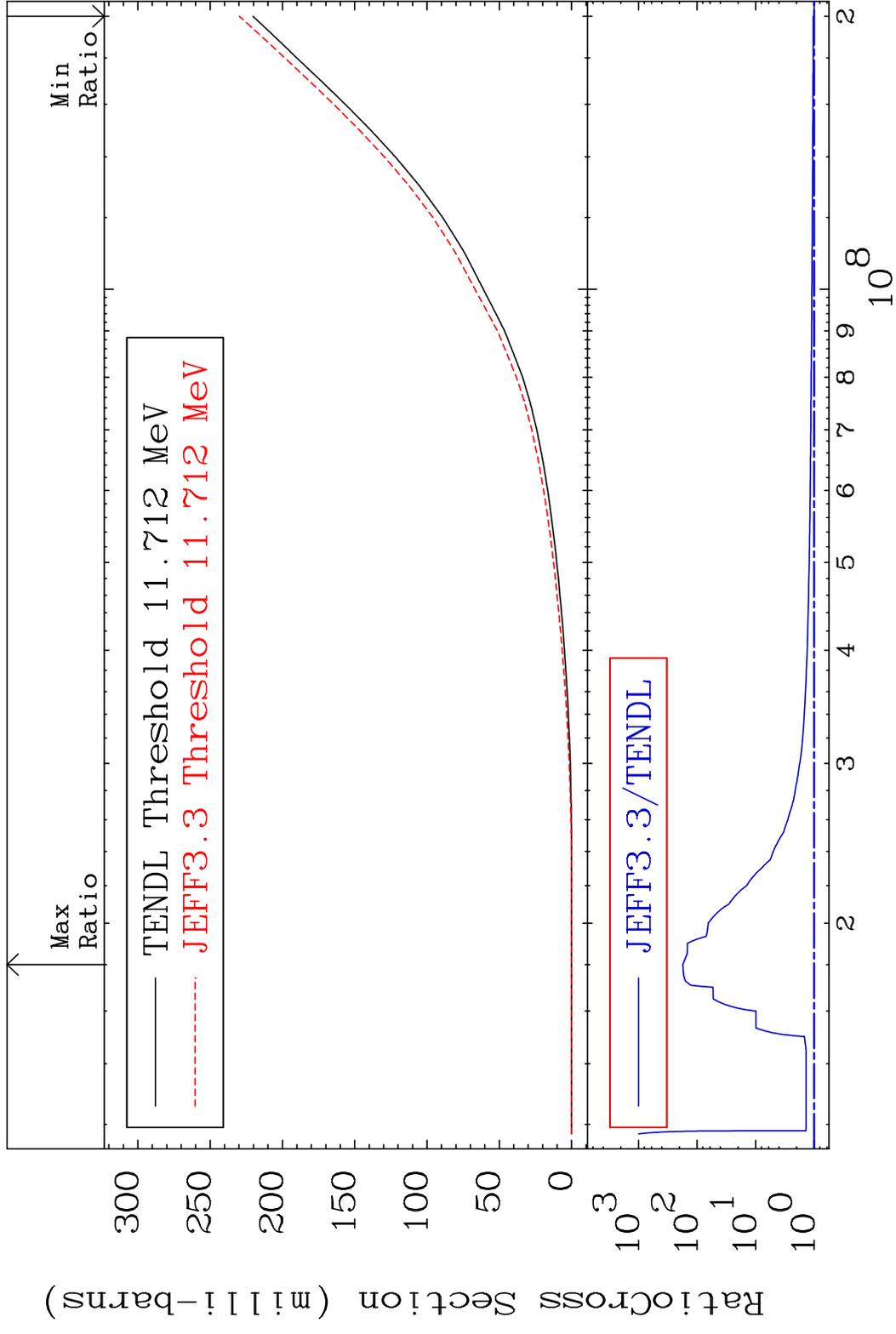


50

Incident Energy (eV)

³⁴Se-79

MAT 3440 He-3 Production 34-Se-79
 Cross Section 4.279 To 9999. %

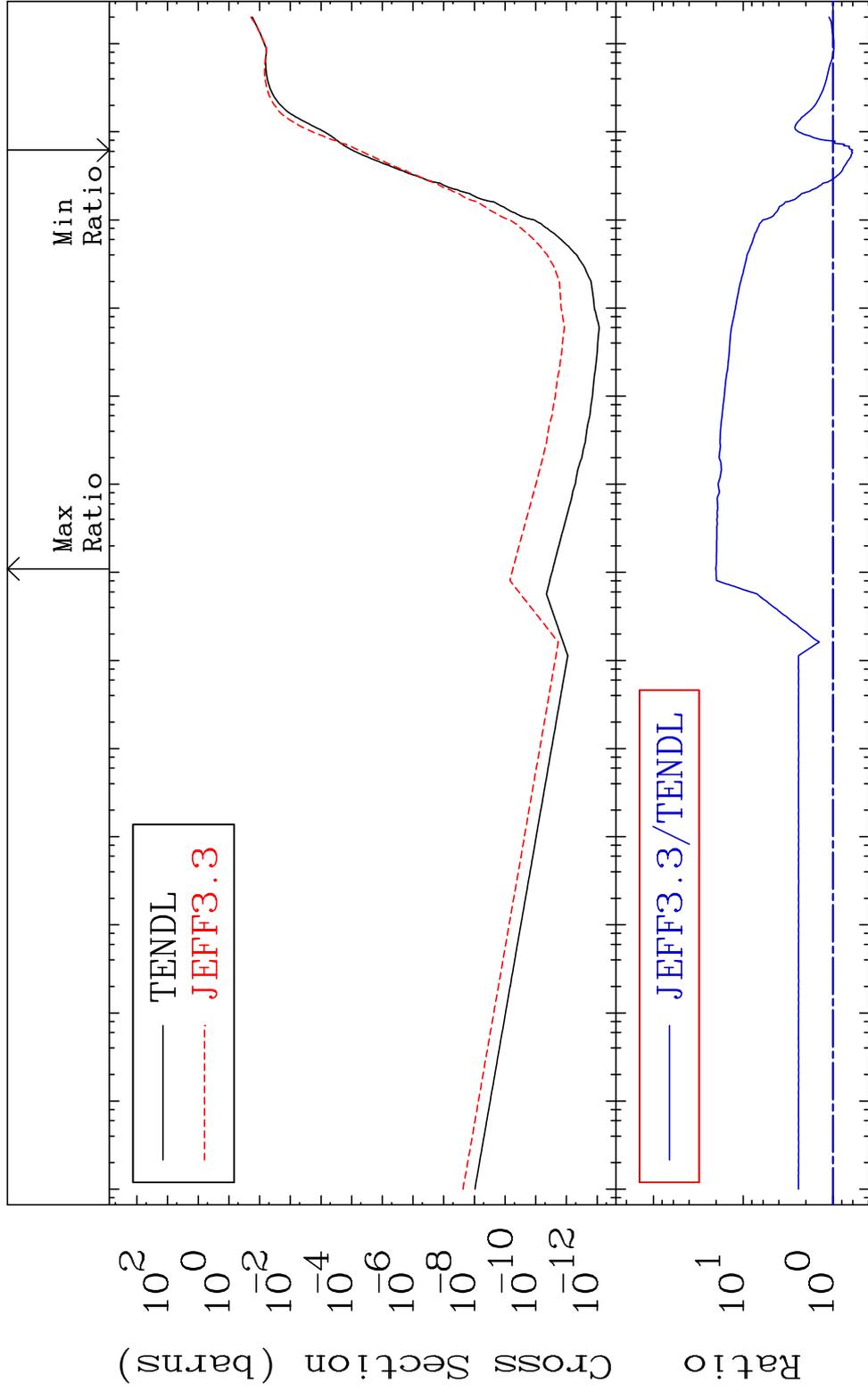


MAT 3440

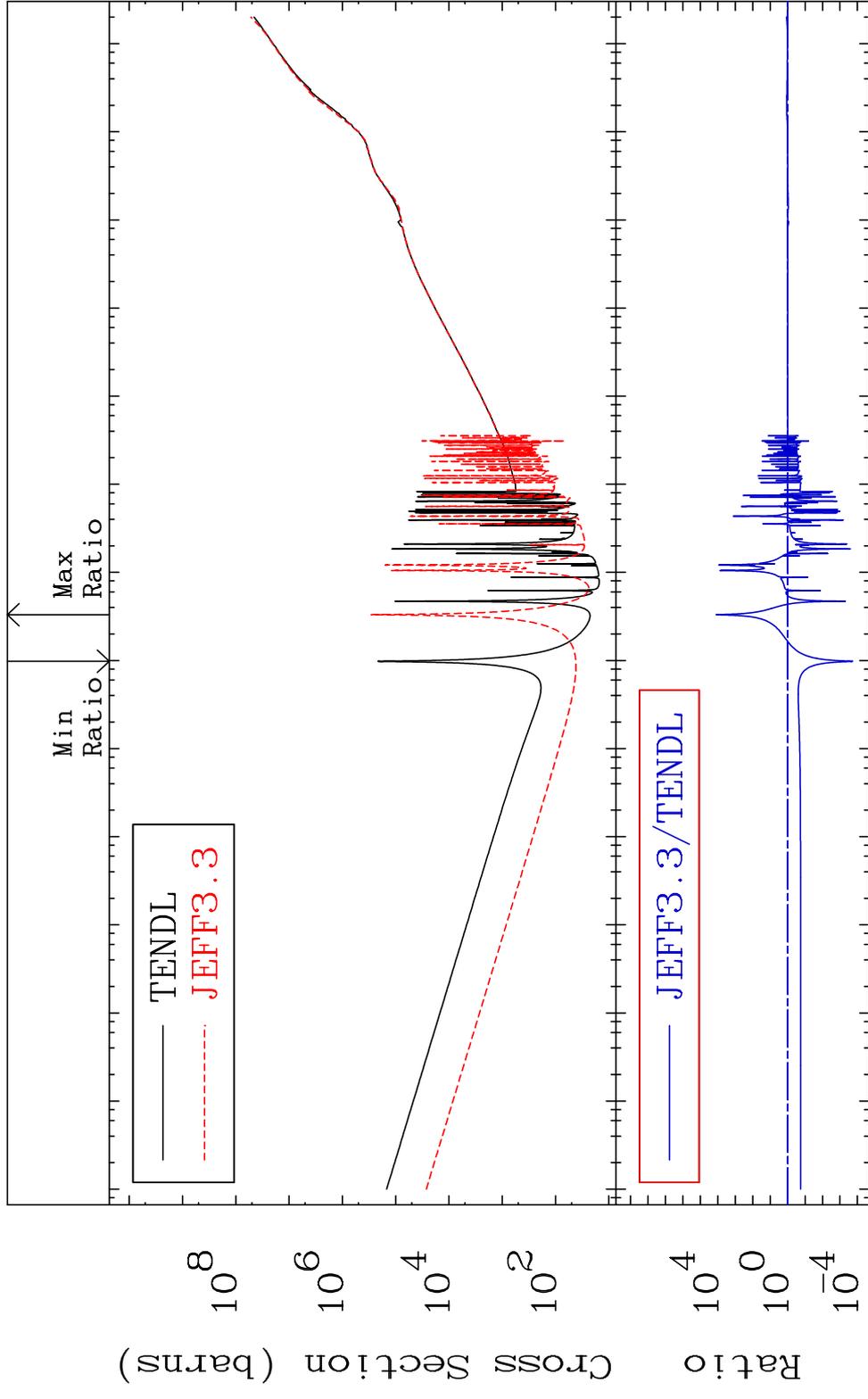
He-4 Production

34-Se-79

Cross Section -39.41 To 1917. %



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

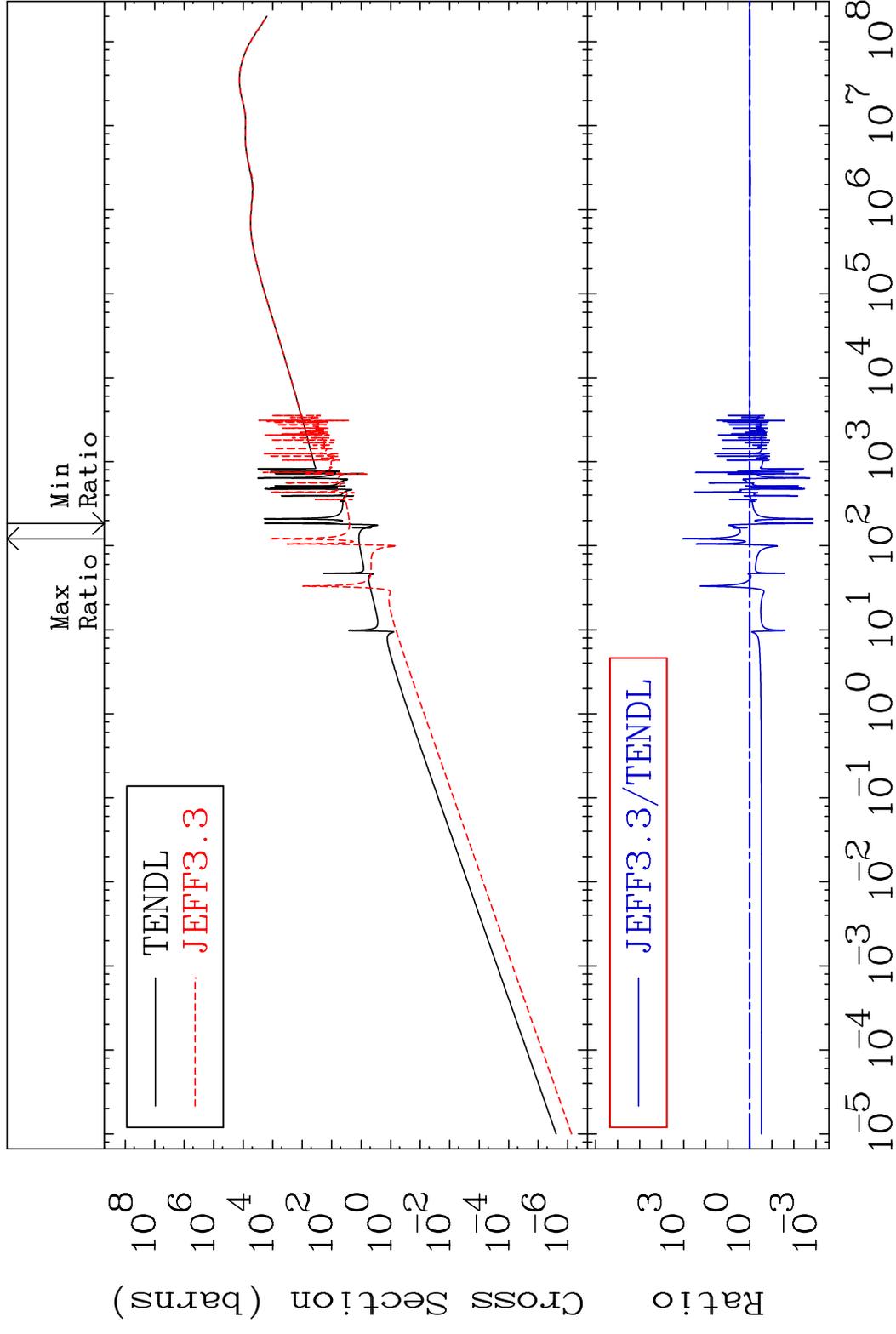


53 Incident Energy (eV) 34-Se-79

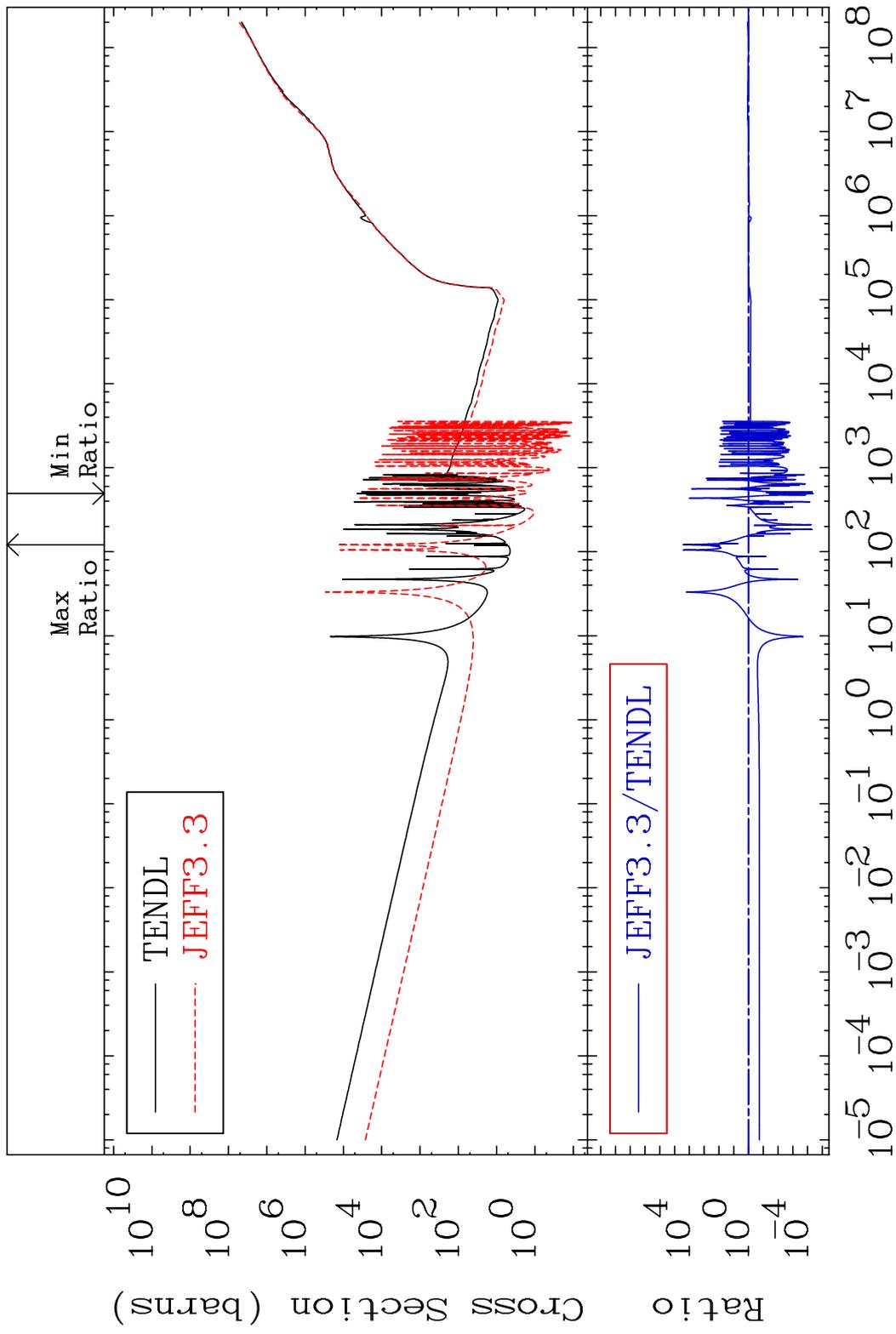
MAT 3440

Kerma elastic
Cross Section

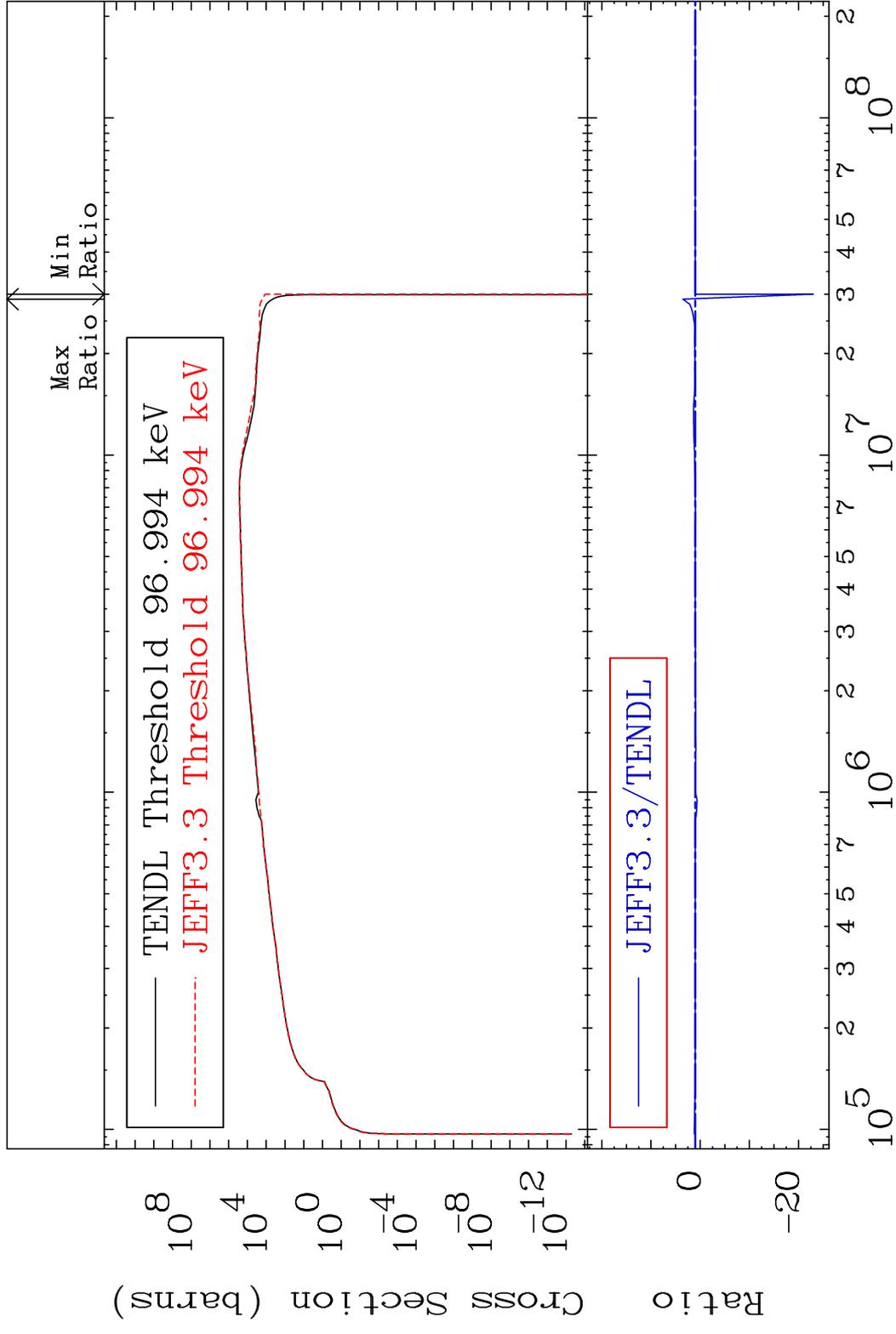
34-Se-79
-99.87 To 9999. %



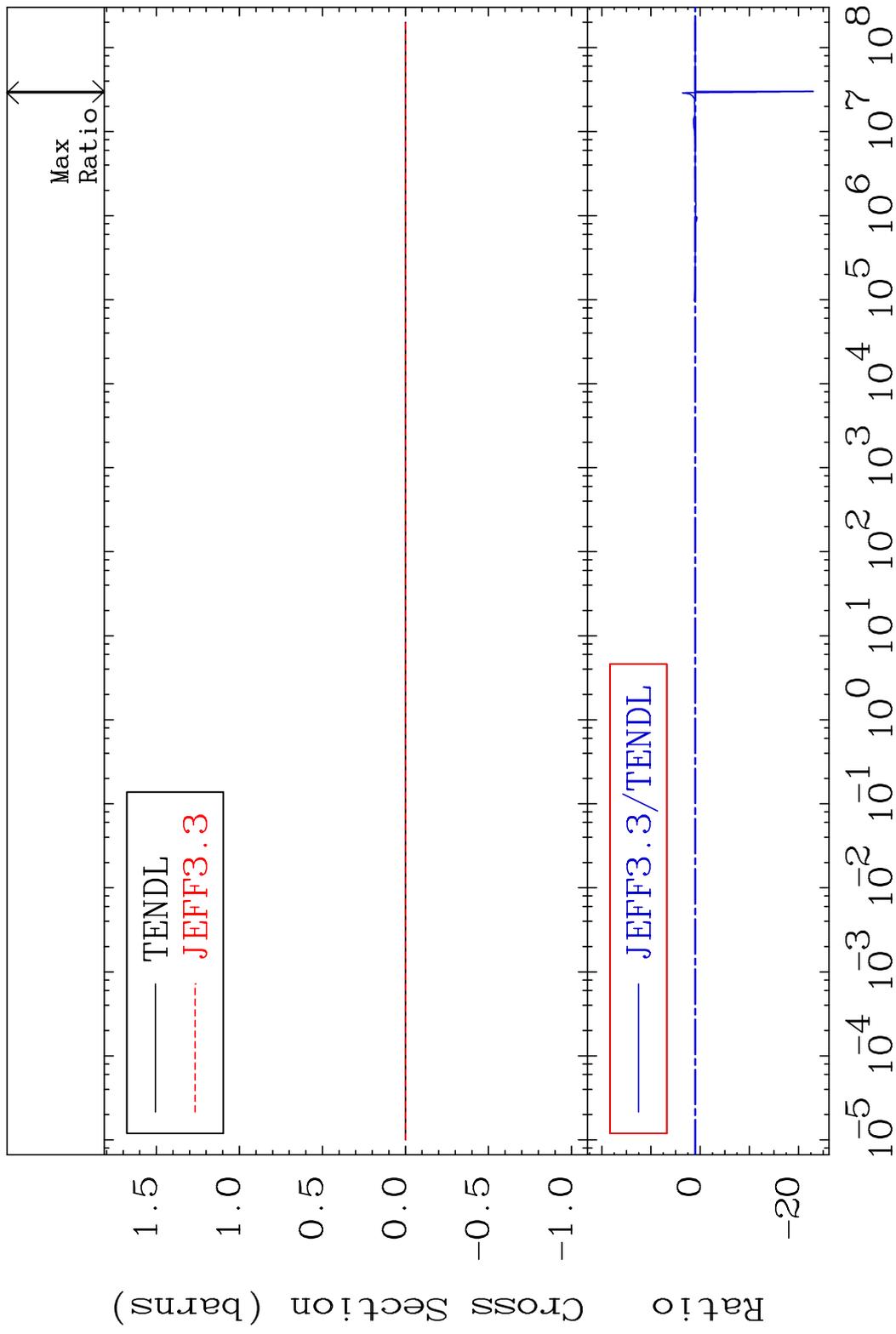
MAT 3440 Kerma non-elastic (all but mt2) 34-Se-79
 Cross Section -100.0 To 9999. %



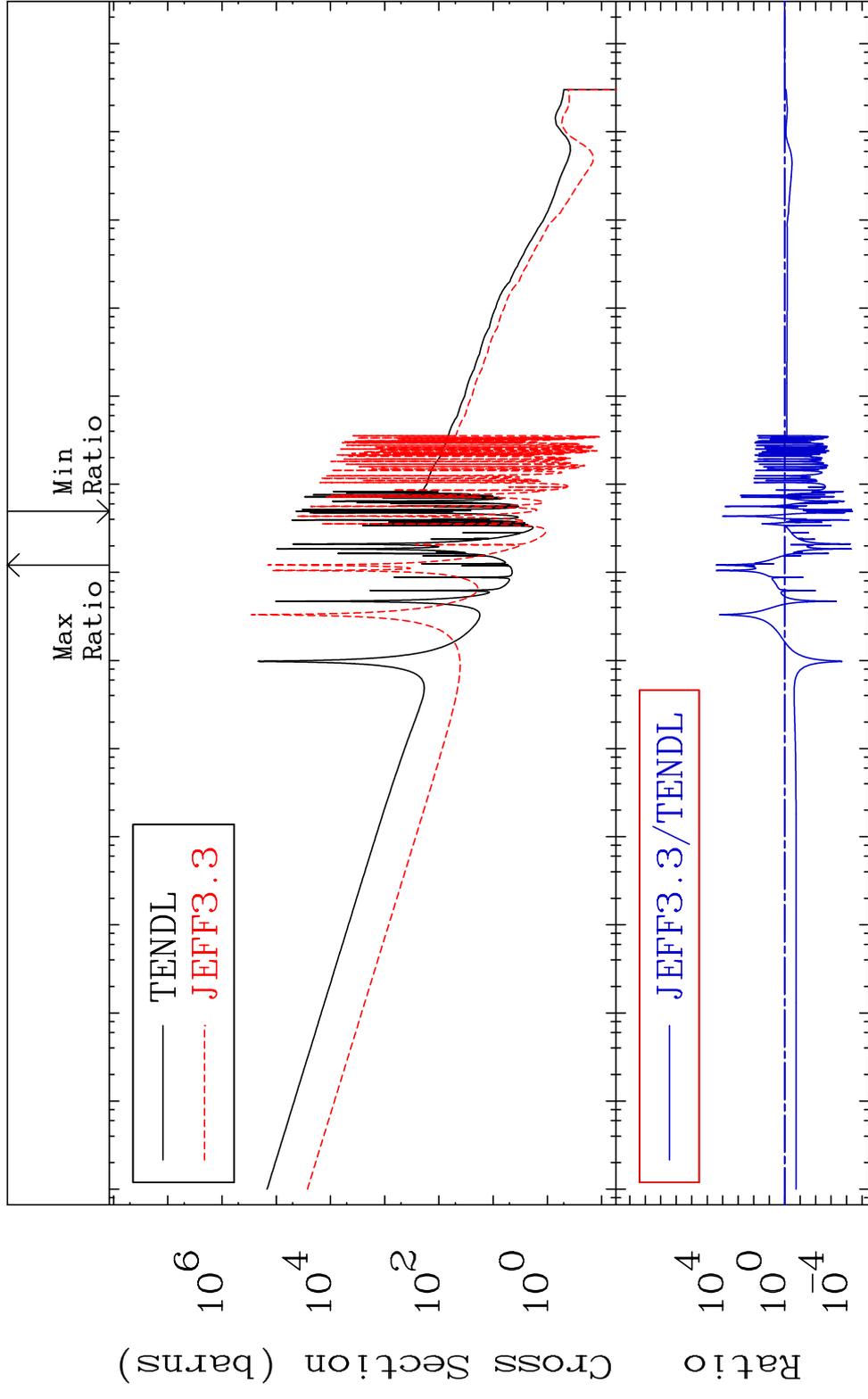
MAT 3440 Kerma inelastic (mt51-91) 34-Se-79
 Cross Section -2397. To 252.9 %



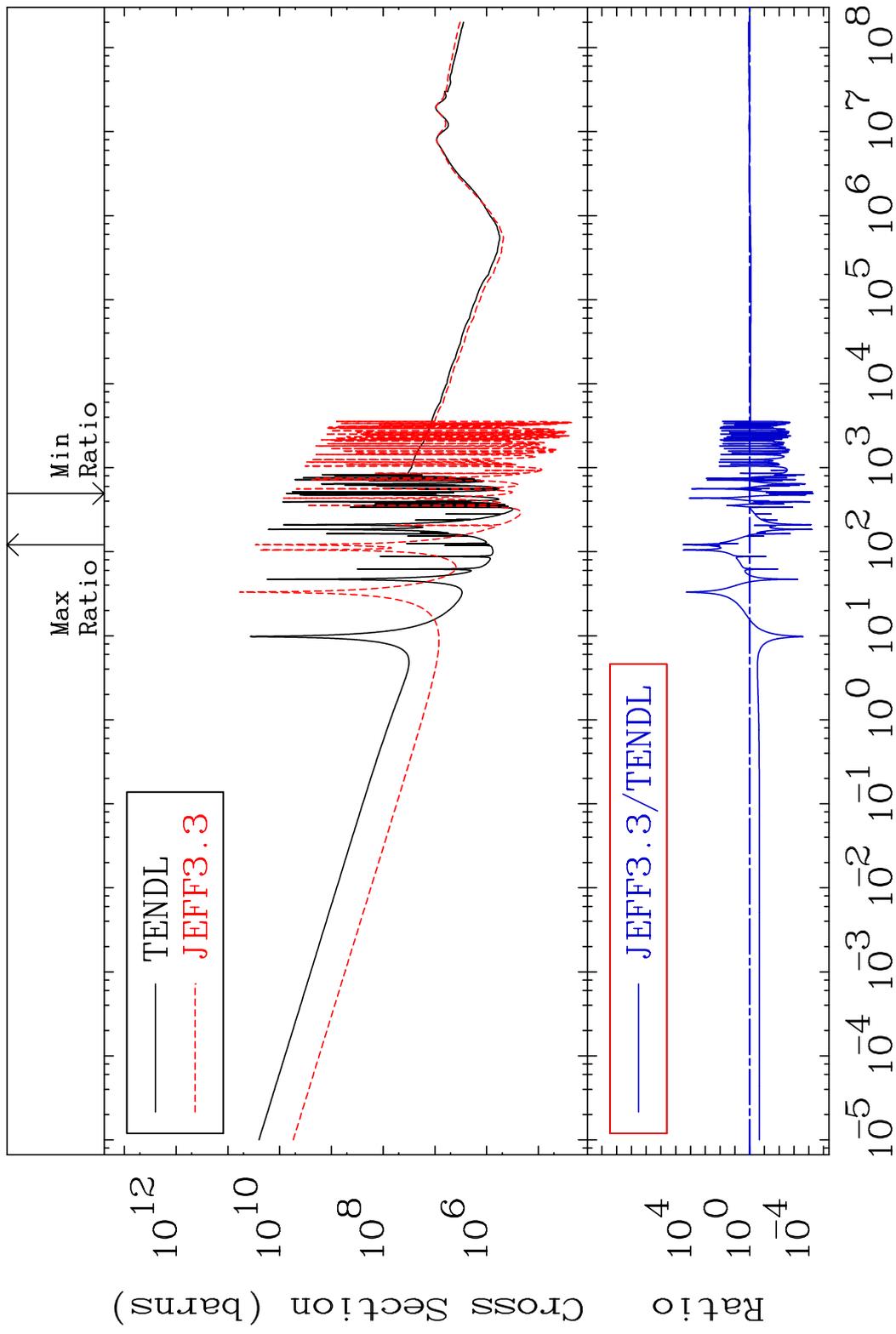
MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-Se-79
 Cross Section -2397. To 252.9 %



MAT 3440 Kerma capture (mt102) 34-Se-79
 Cross Section -100.0 To 9999. %

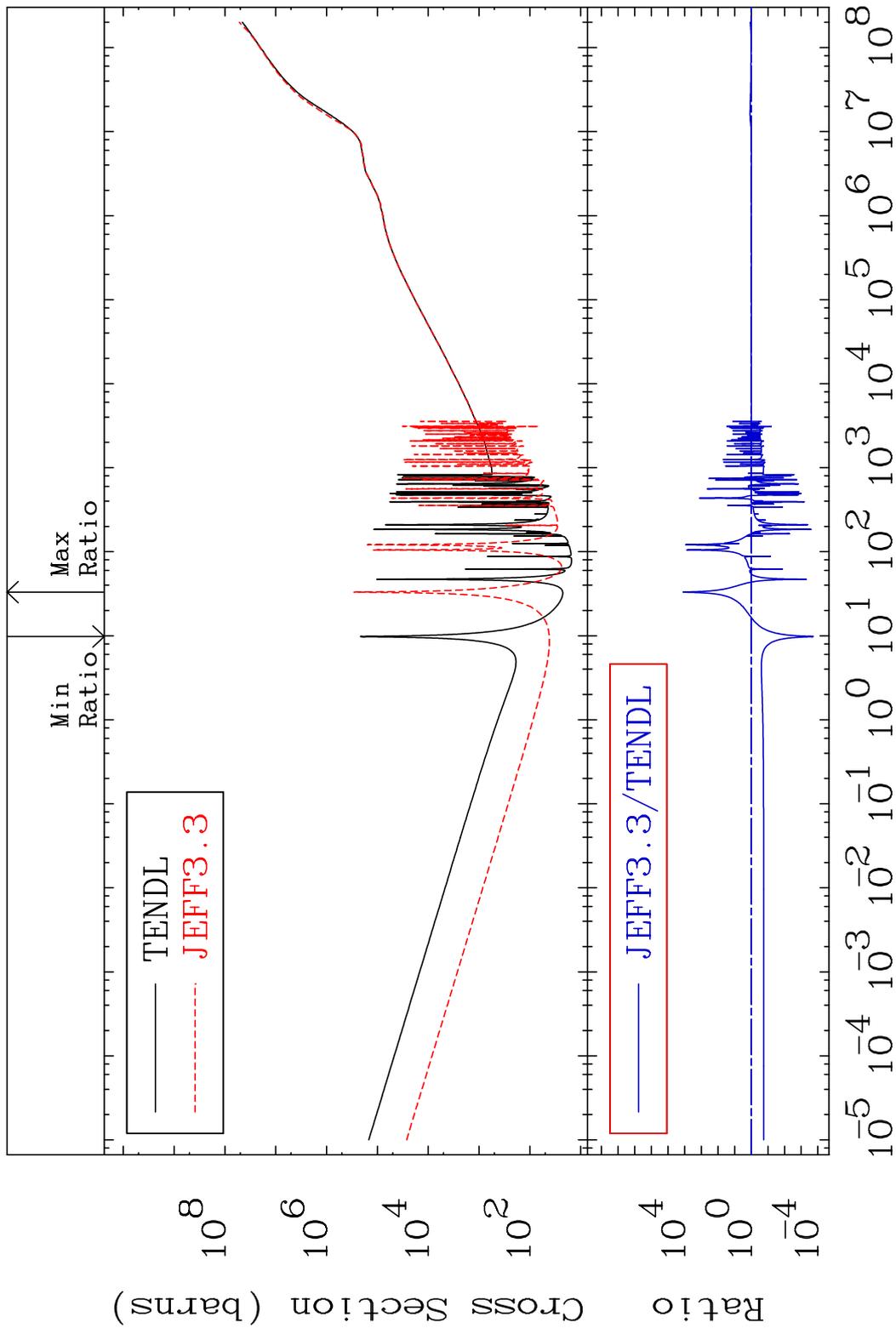


MAT 3440 Total photon (eV-barns) 34-Se-79
Cross Section -99.99 To 9999. %



59 Incident Energy (eV) 34-Se-79

MAT 3440 Total kinematic kerma (high limit) 34-Se-79
 Cross Section -99.98 To 9999. %

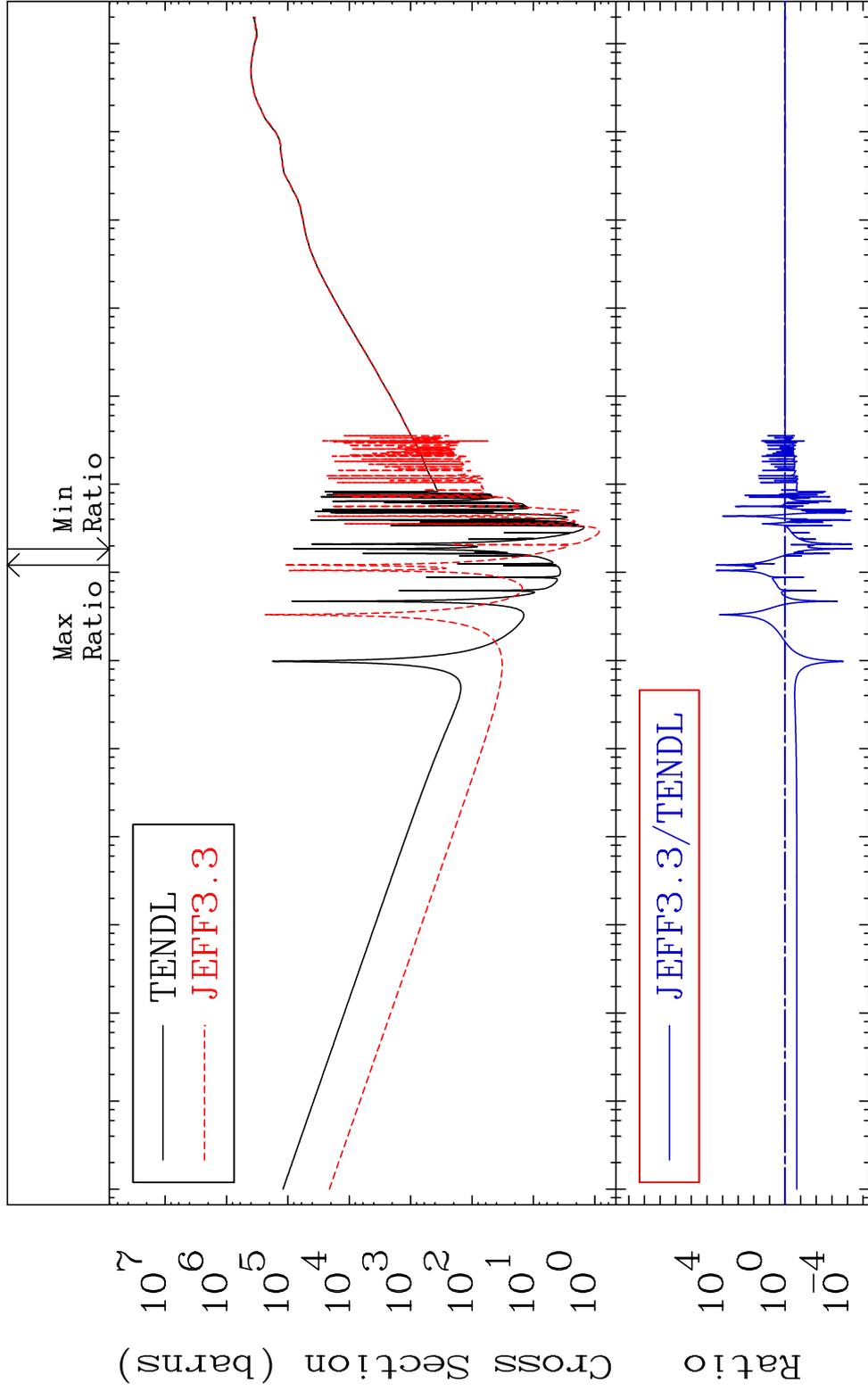


MAT 3440

Dpa total (eV-barns)

34-Se-79

Cross Section -100.0 To 9999. %

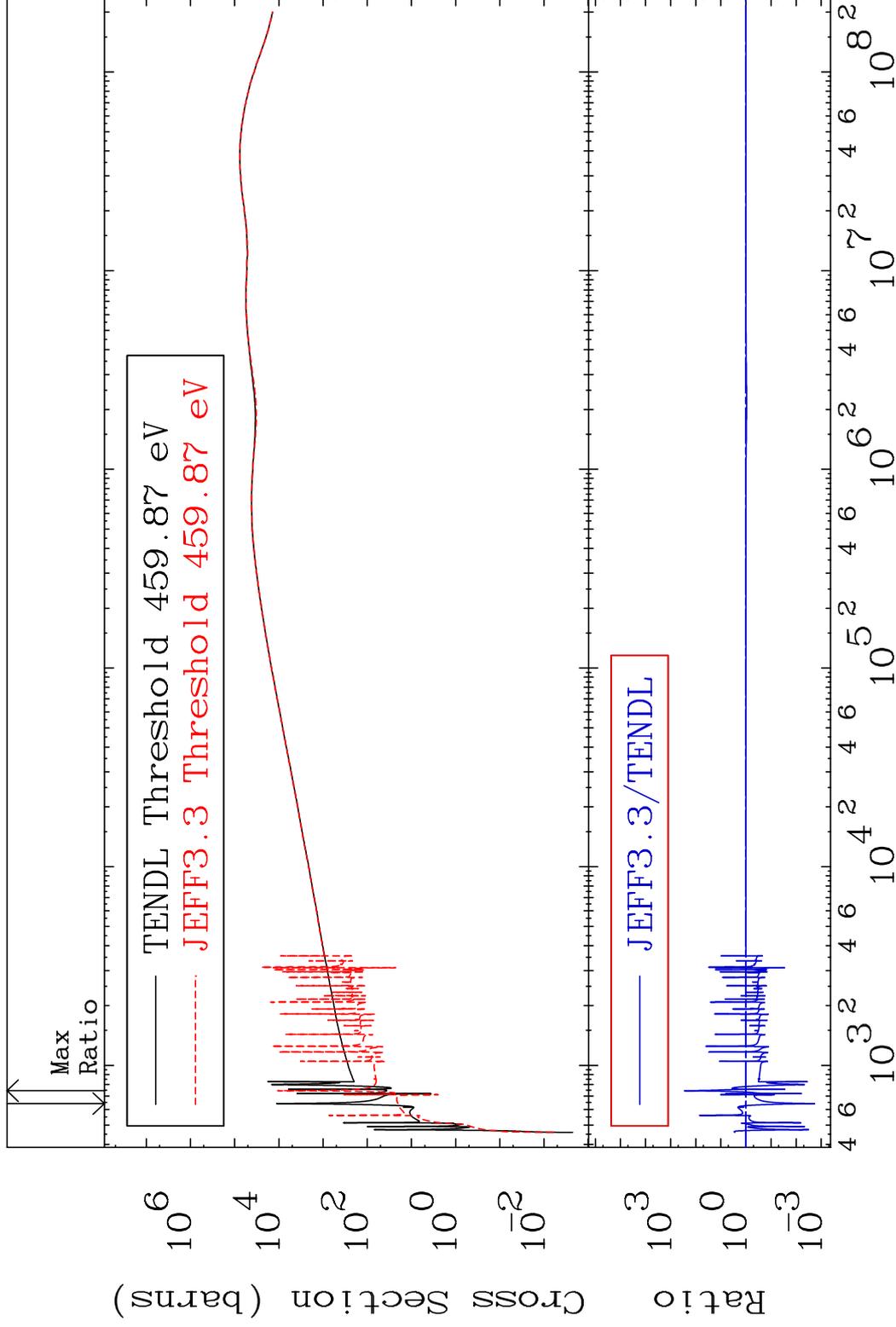


MAT 3440

Dpa elastic (mt2)

34-Se-79

Cross Section -99.82 To 9999. %



62

Incident Energy (eV)

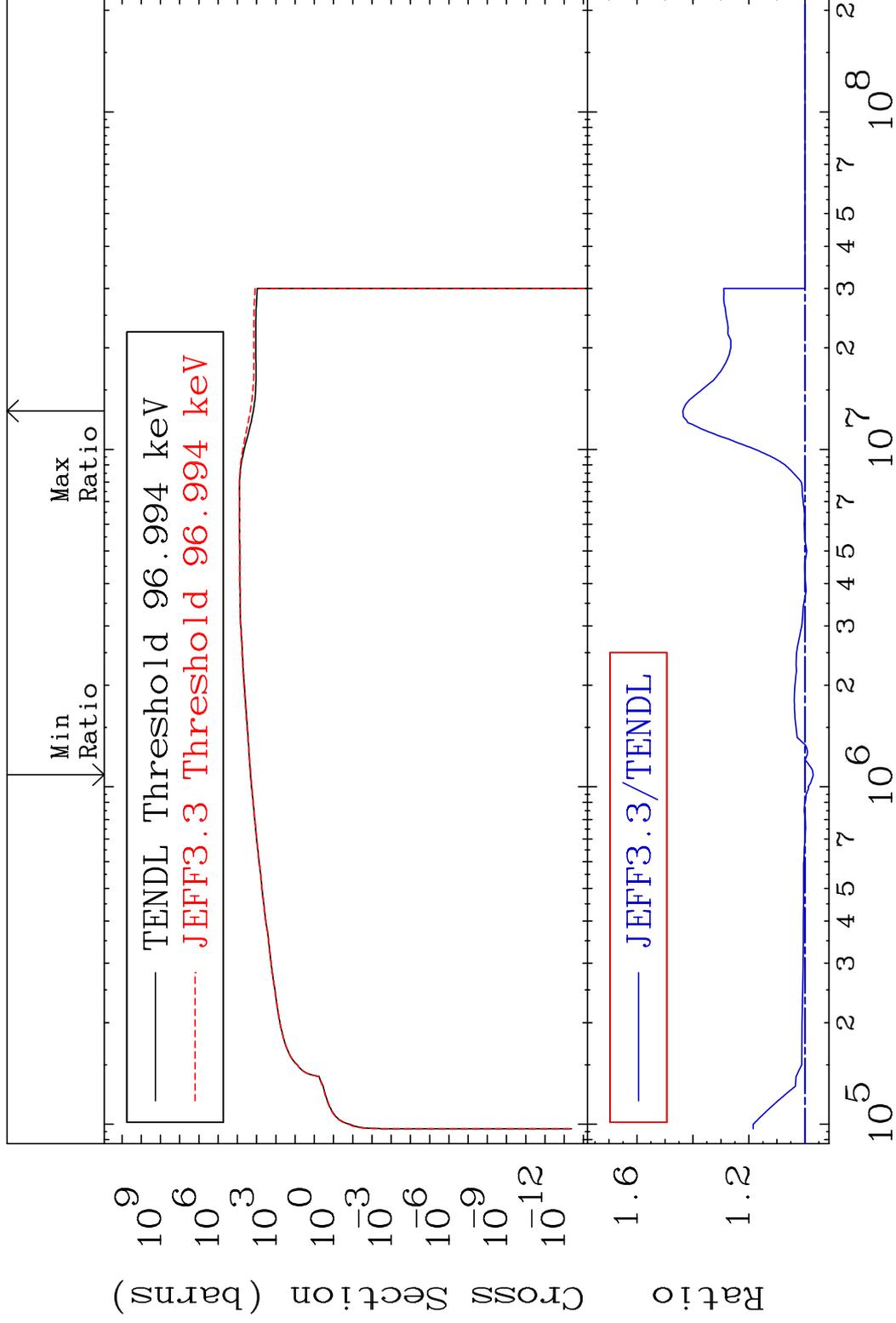
34-Se-79

MAT 3440

Dpa inelastic (mt51-91)

34-Se-79

Cross Section -2.957 To 43.61 %

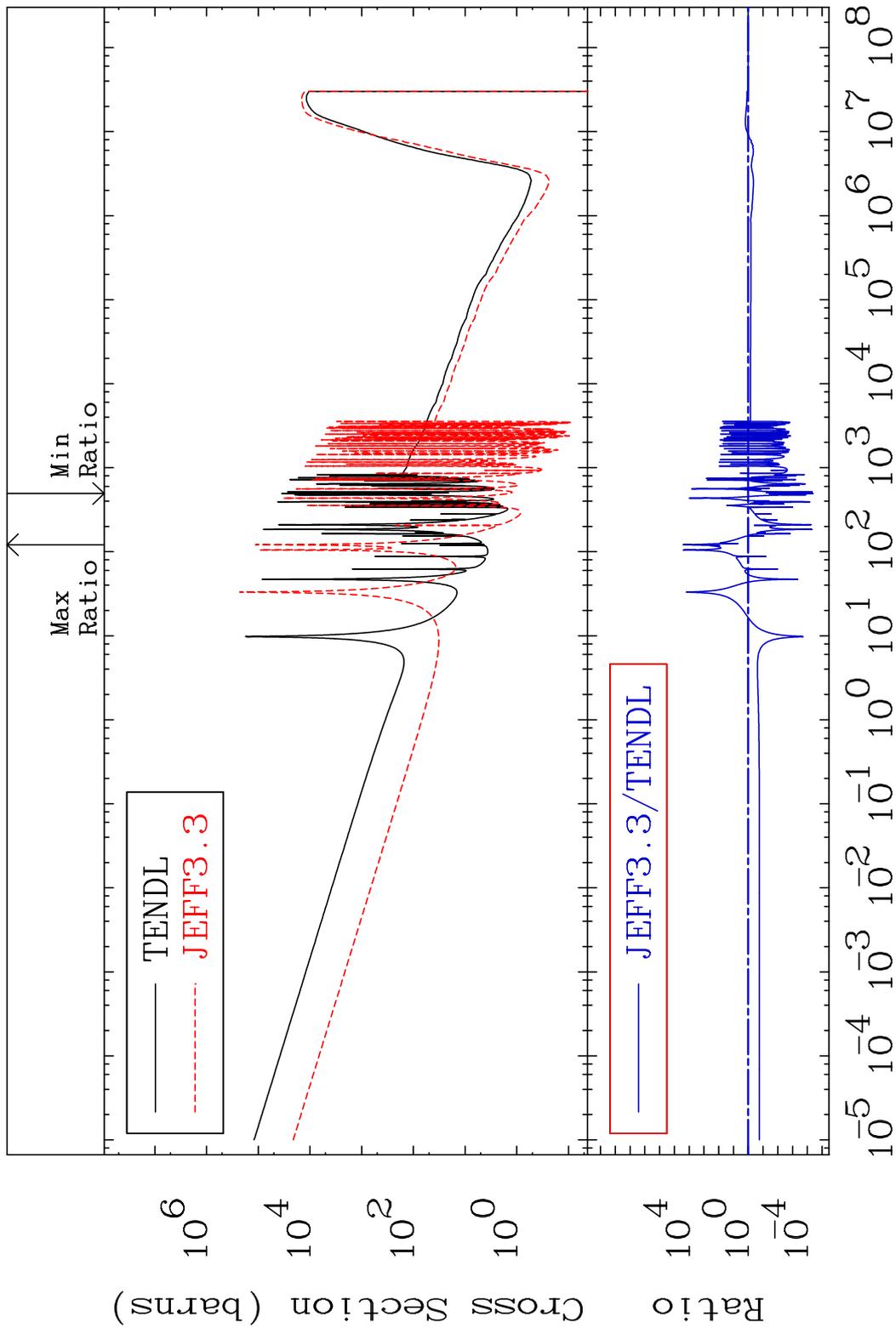


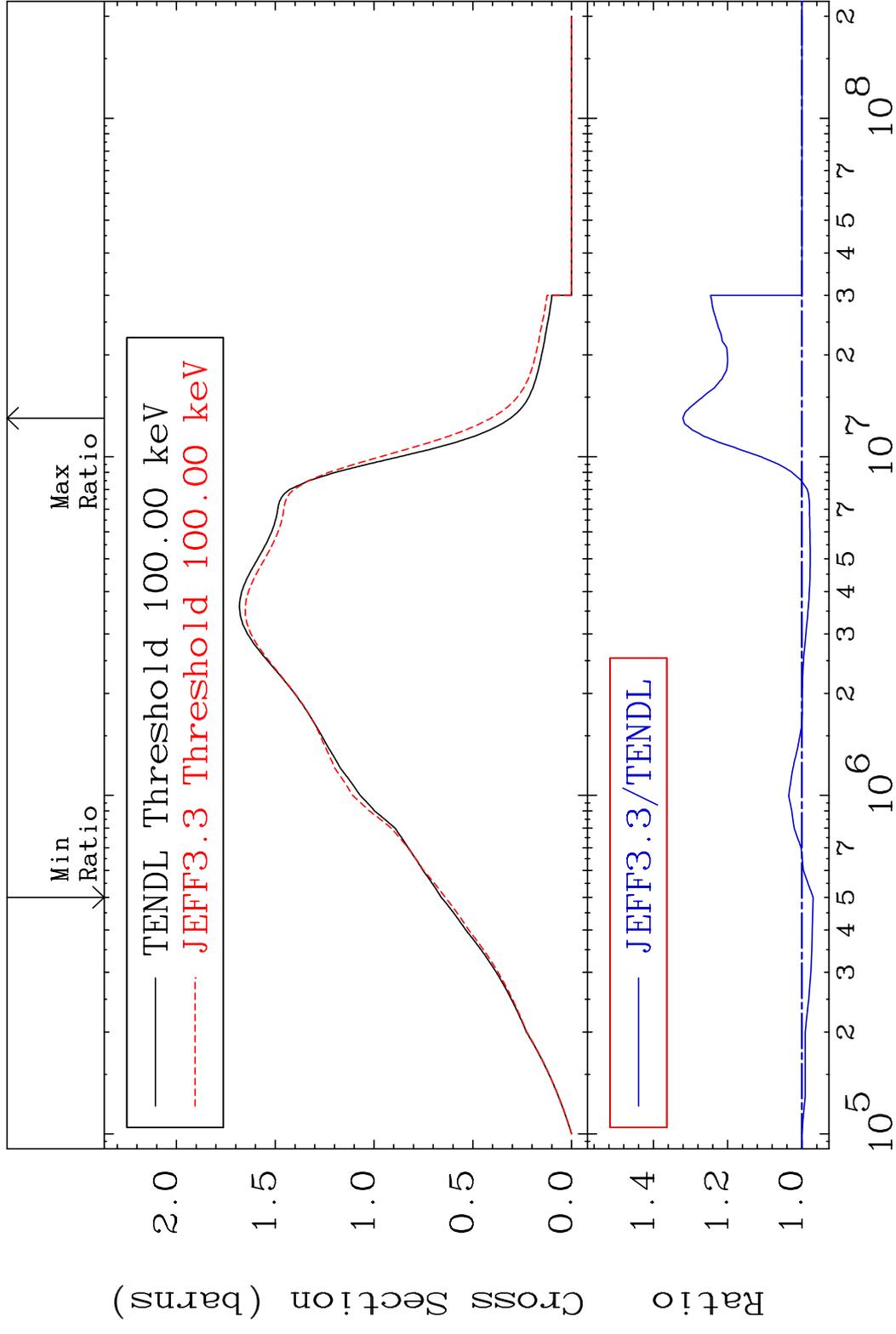
63

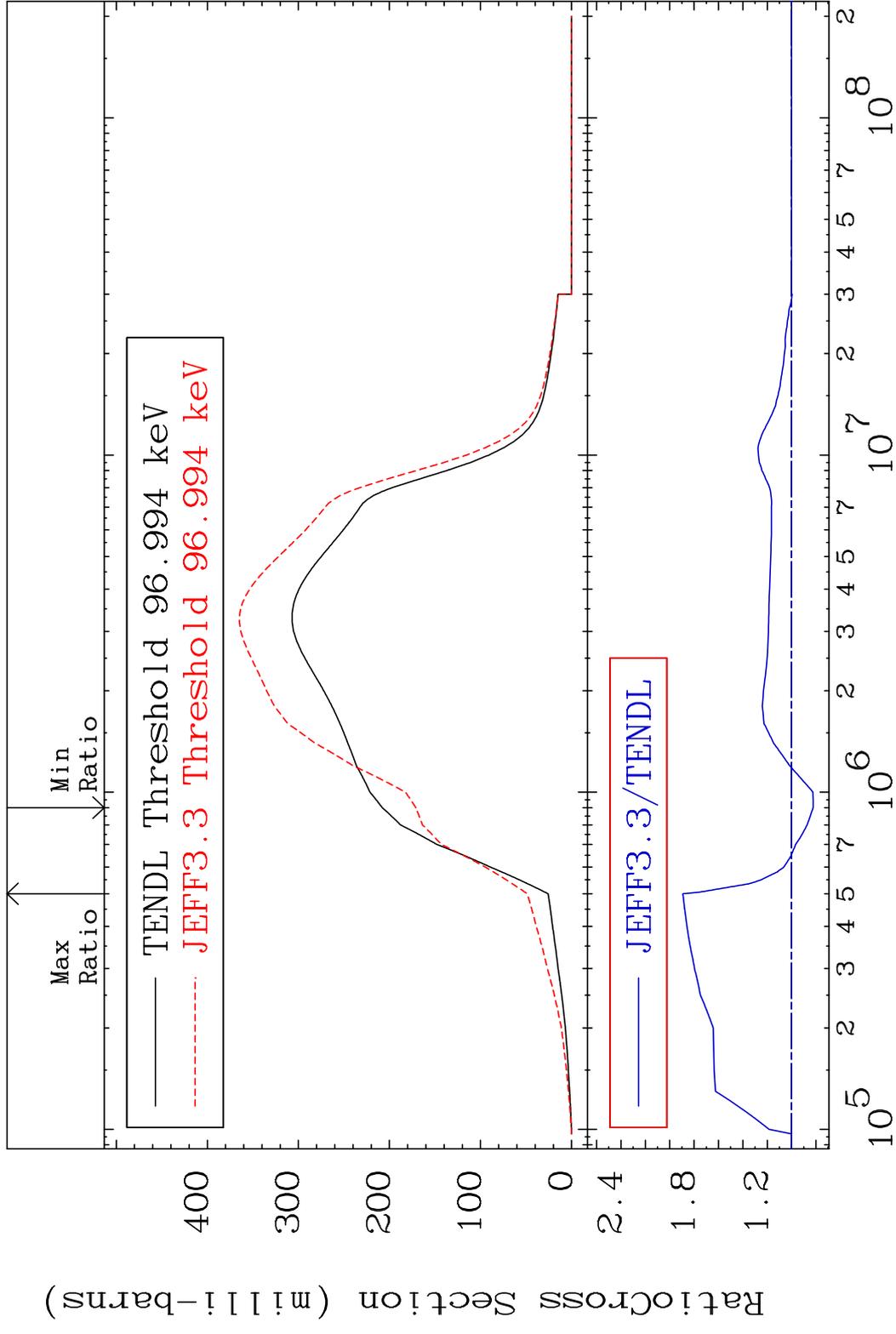
Incident Energy (eV)

34-Se-79

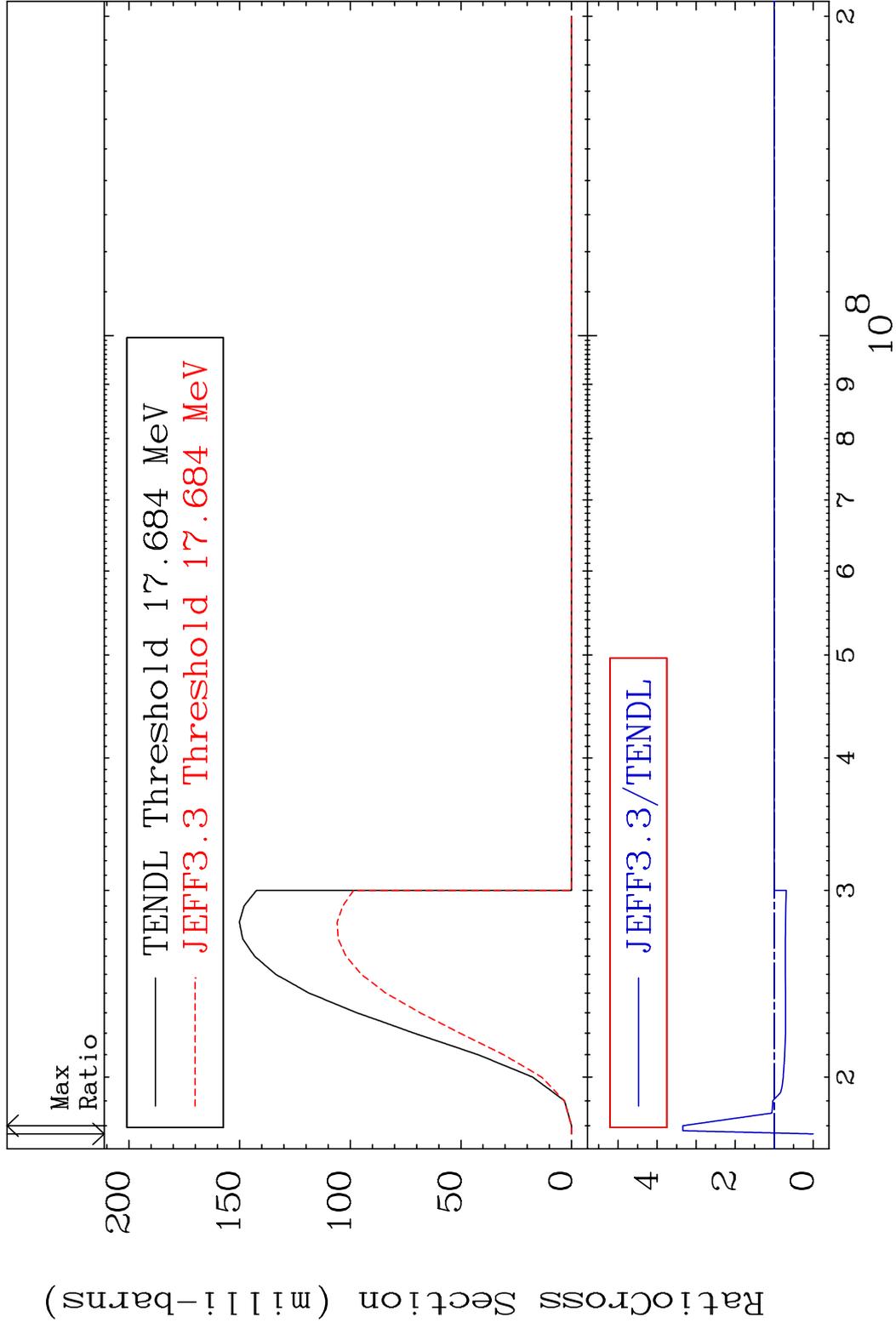
MAT 3440 Dpa disappearance (mt102 -120) 34-Se-79
 Cross Section -100.0 To 9999. %



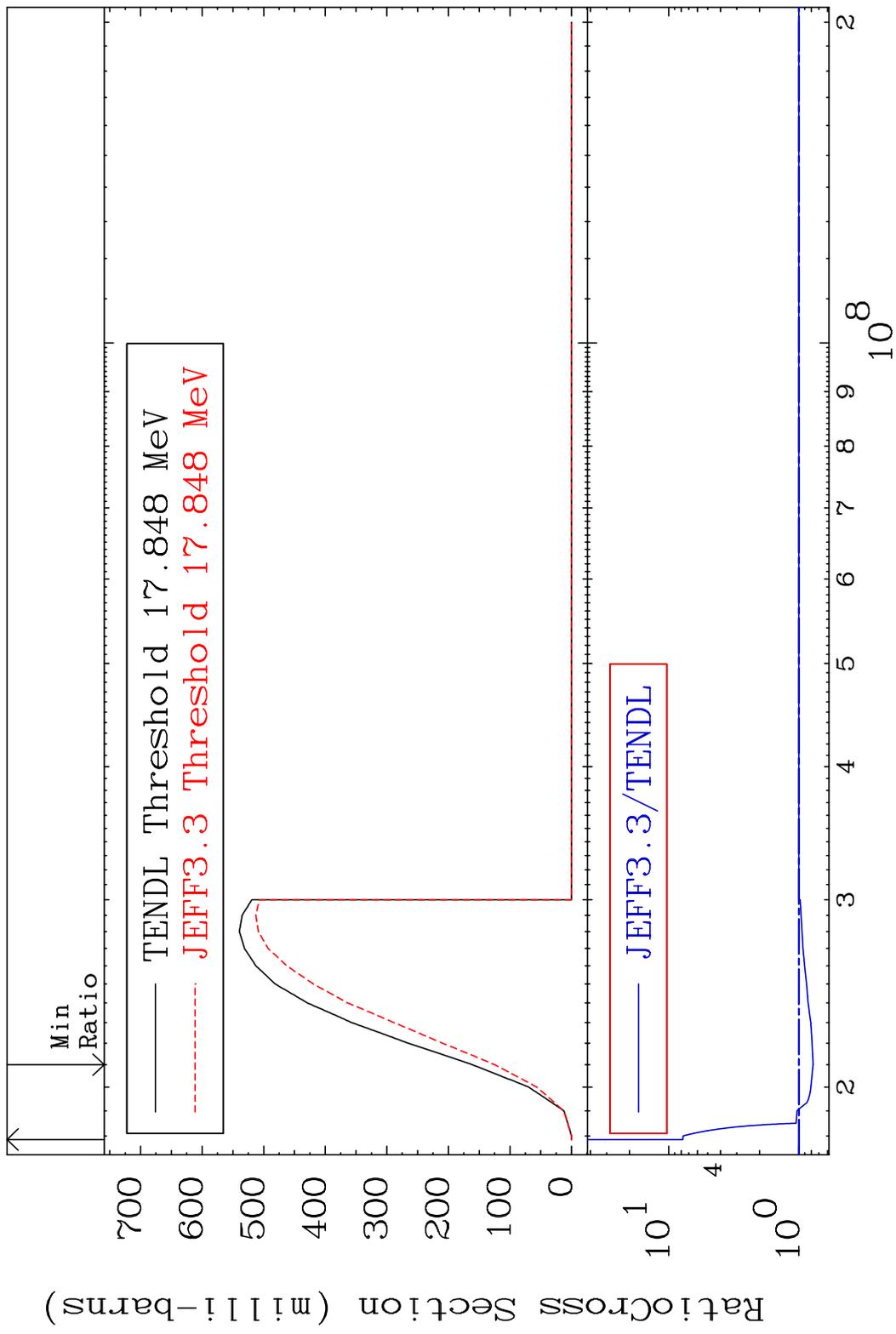




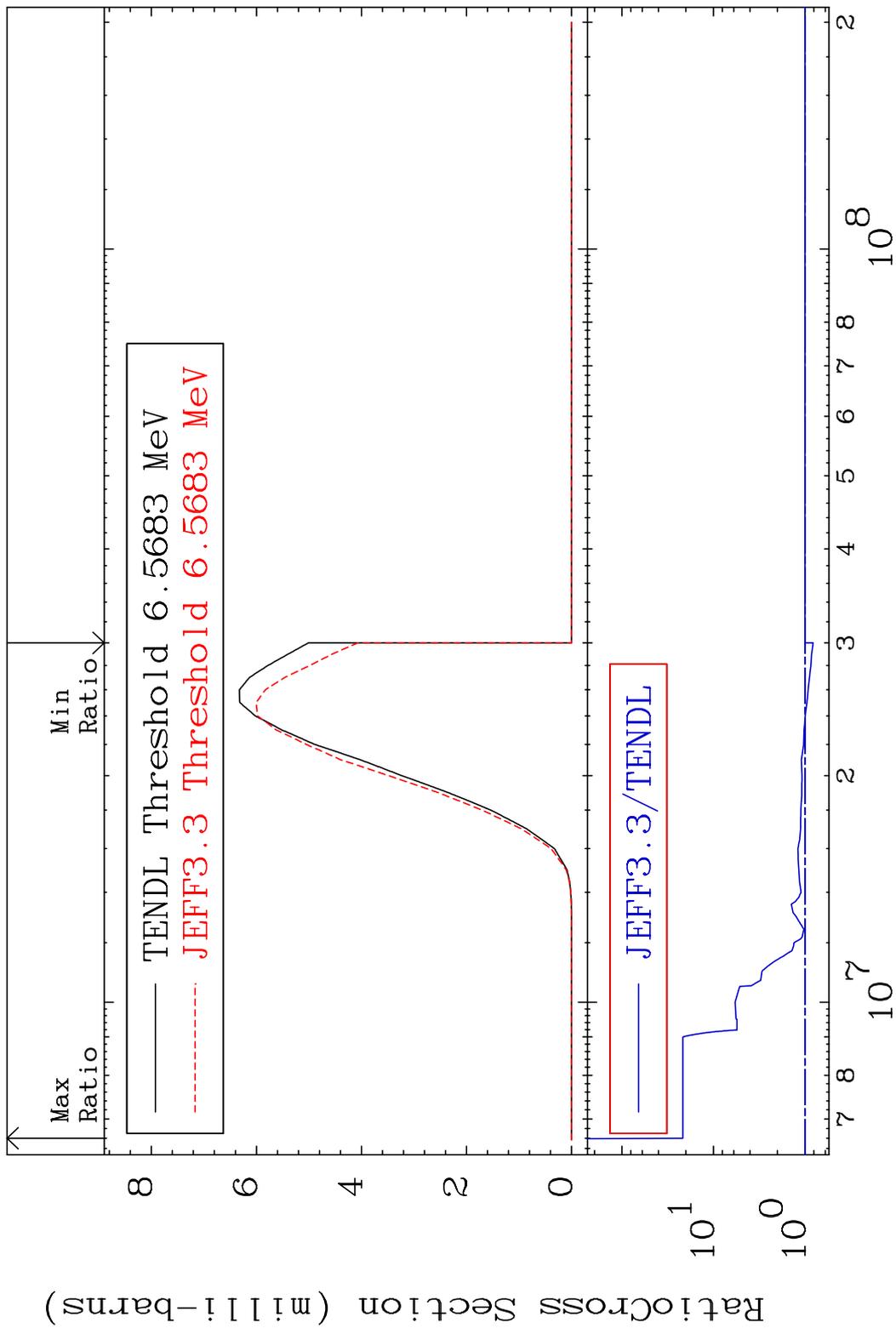
MAT 3440 (n,3n):34-Se-77g 34-Se-79
 Radionuclide Production Cross Section 180.0 dth 234.0 %



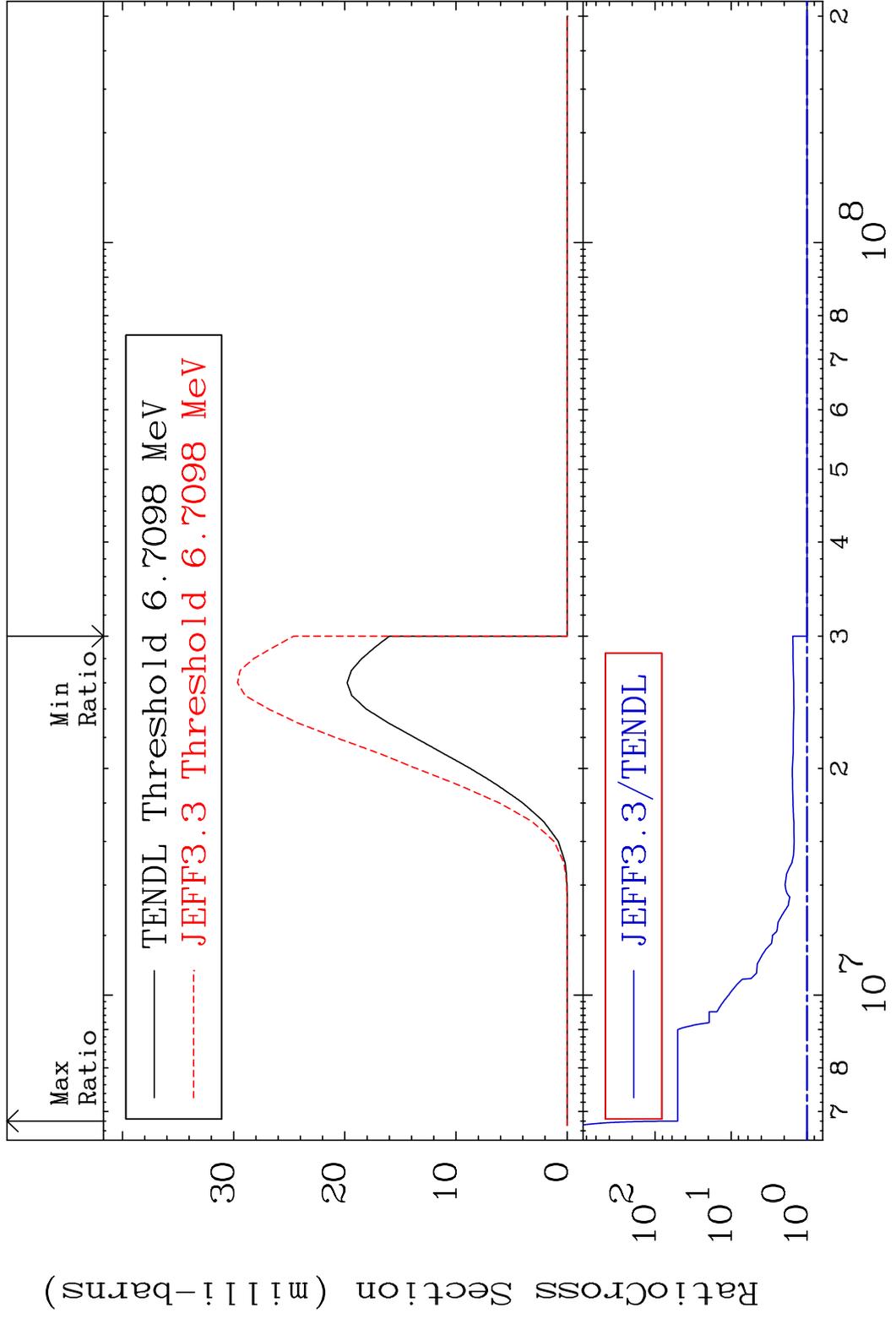
MAT 3440 (n,3n):34-Se-77m1 34-Se-79
 Radionuclide Production Cross Section 678.6 %



MAT 3440 (n, n') α :32-Ge-75g 34-Se-79
 Radionuclide Production Cross Section 18669 dth 2063. %



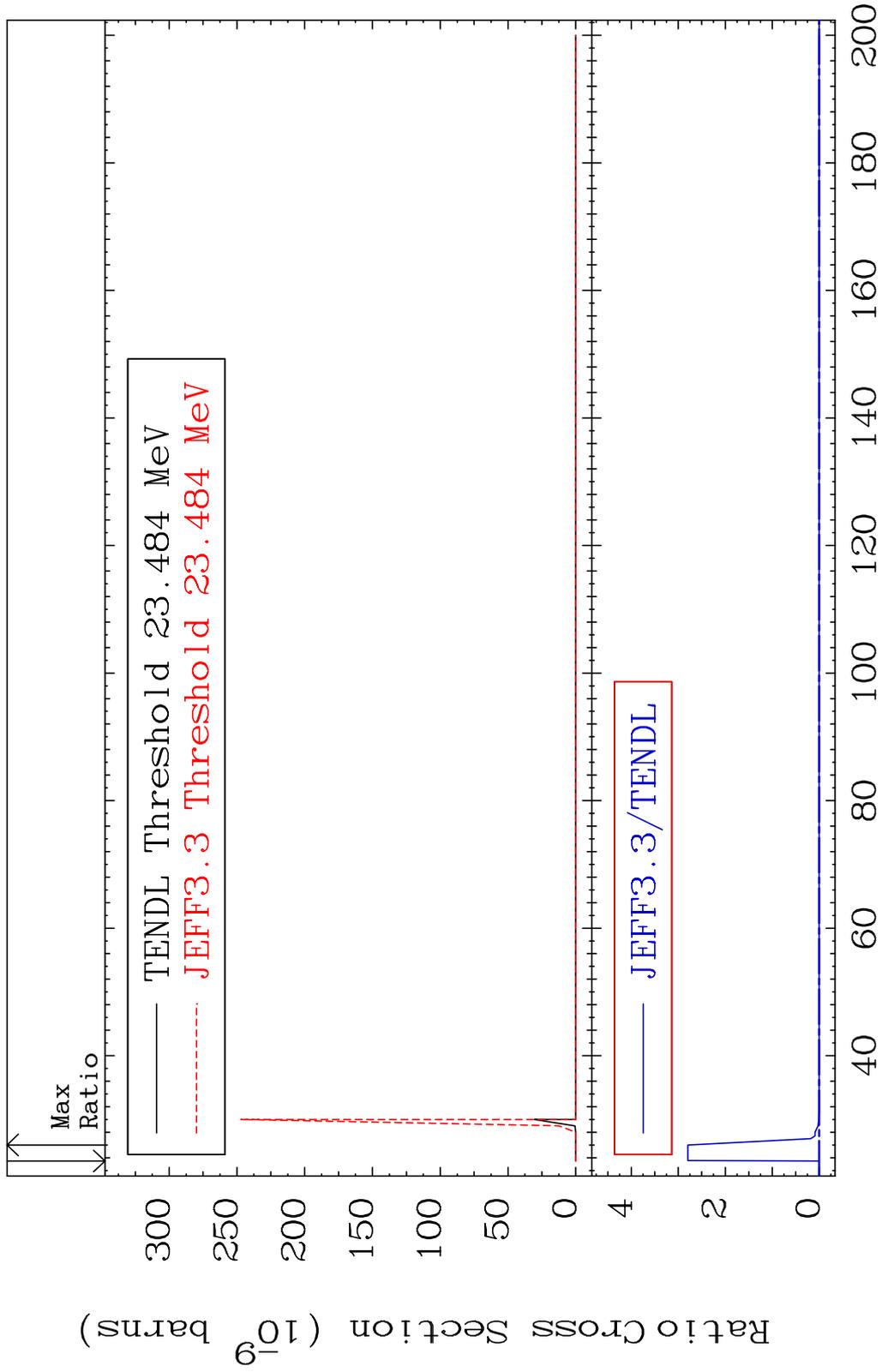
MAT 3440 (n, n') α :32-Ge-75m2 34-Se-79
 Radionuclide Production Cross Section 4945. %

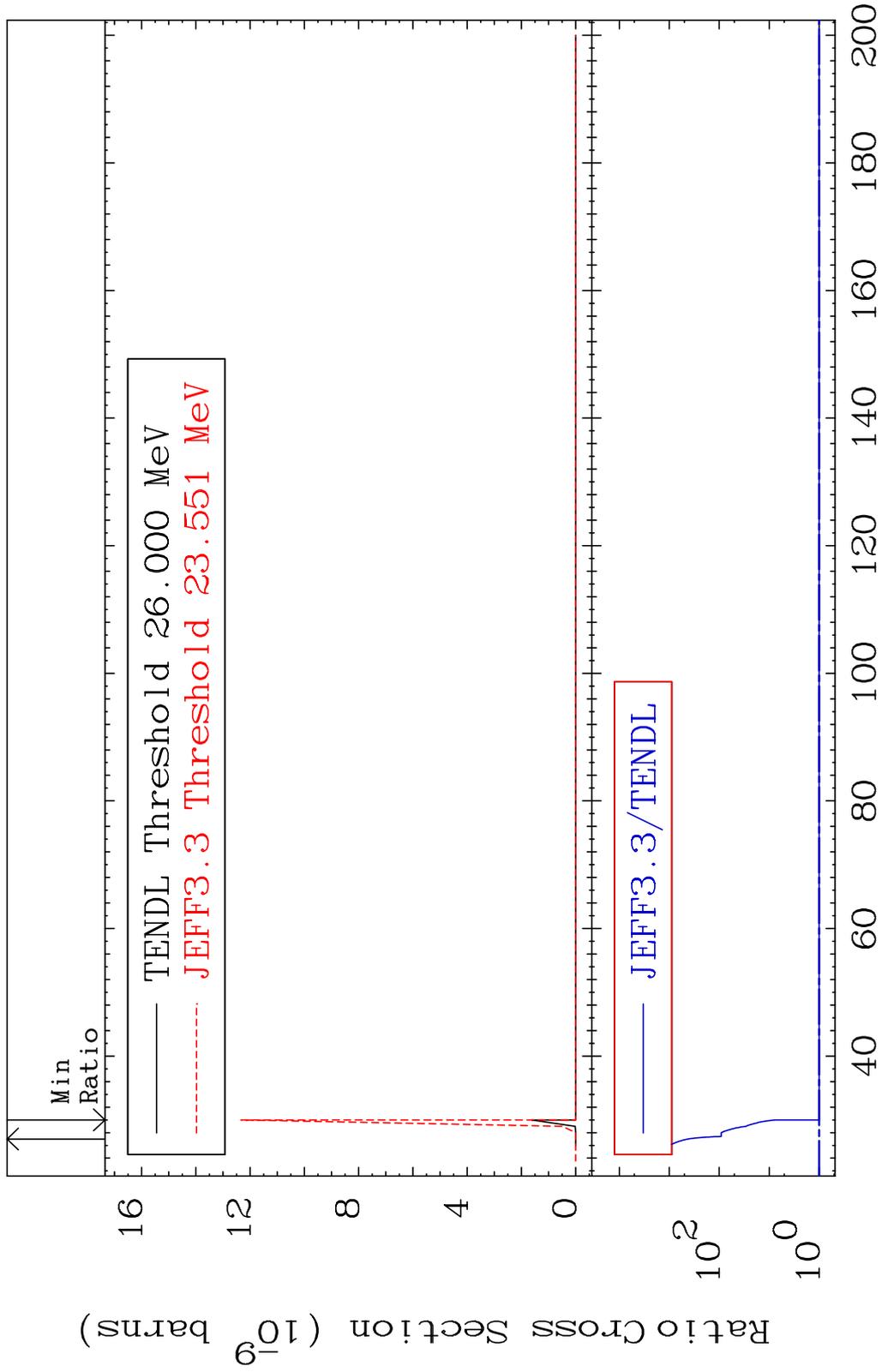


70

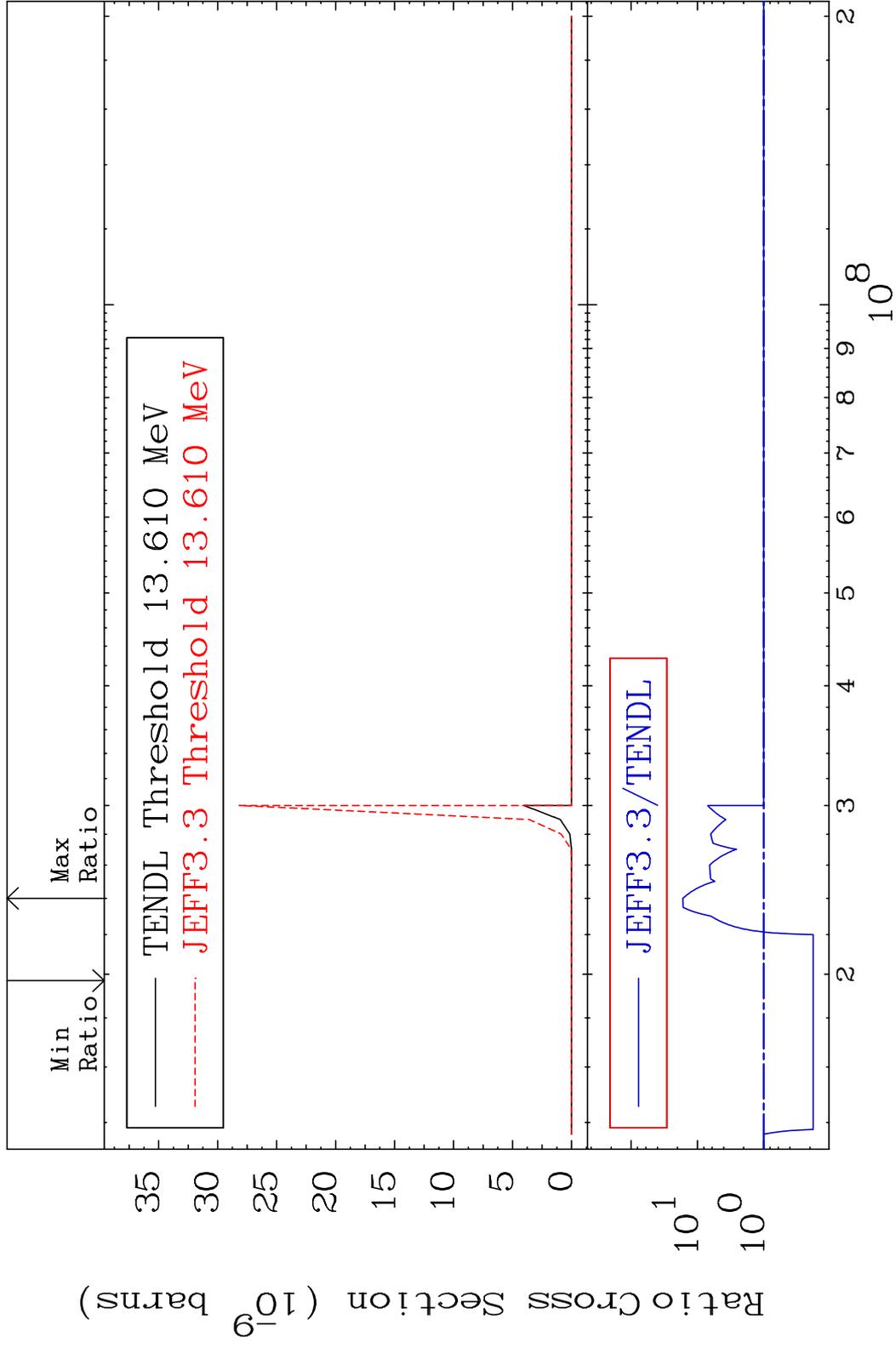
Incident Energy (eV)

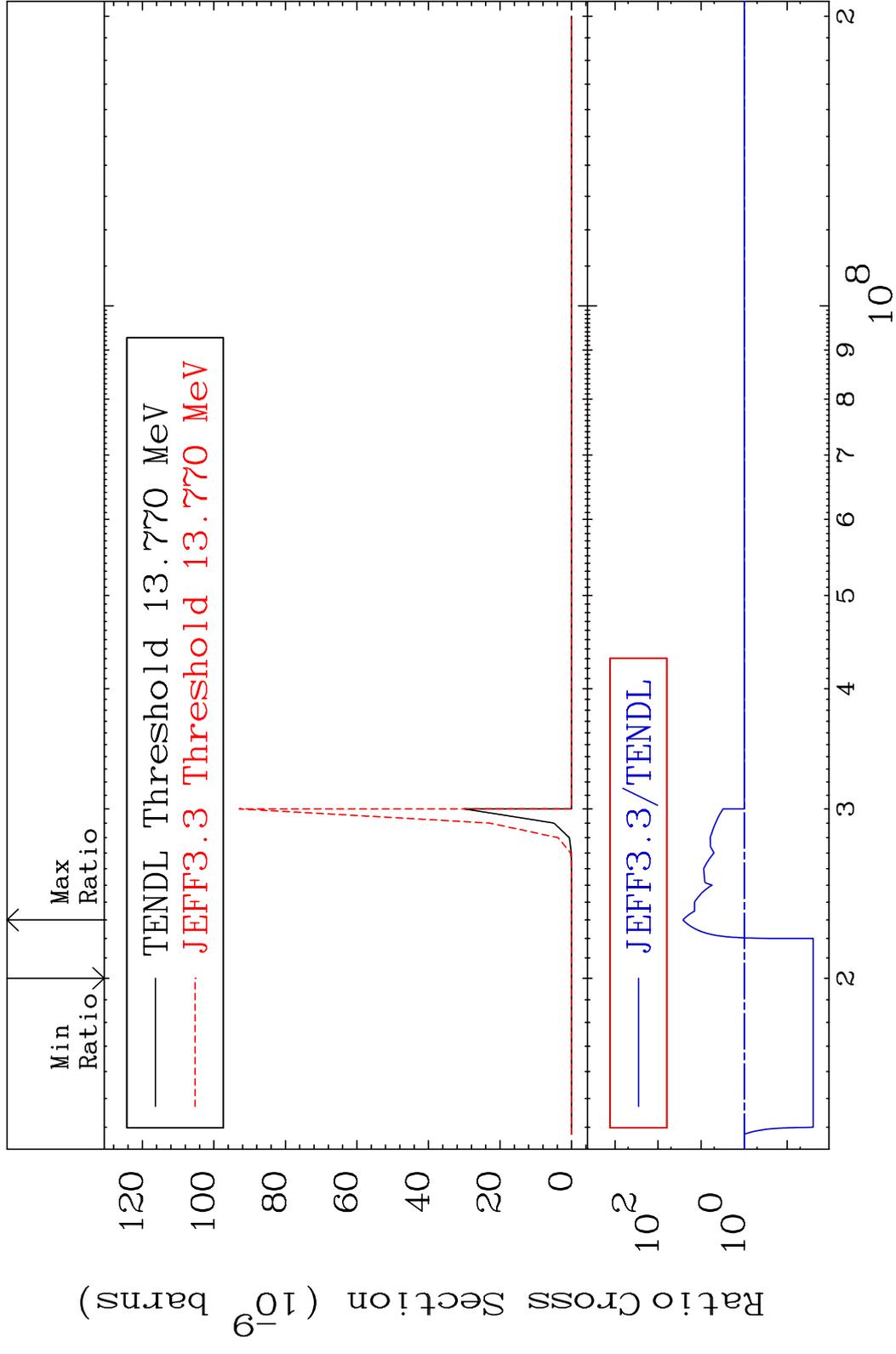
34-Se-79



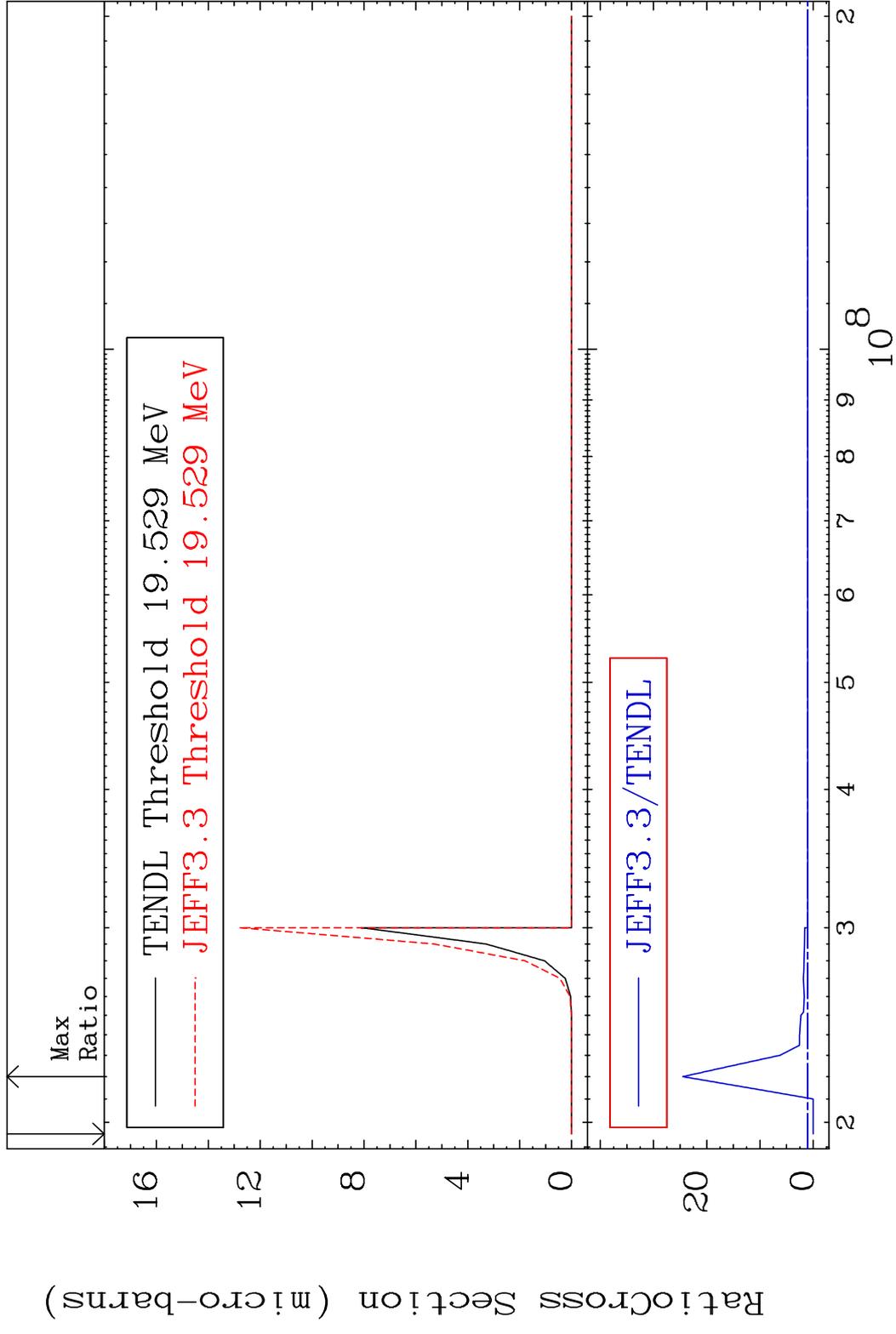


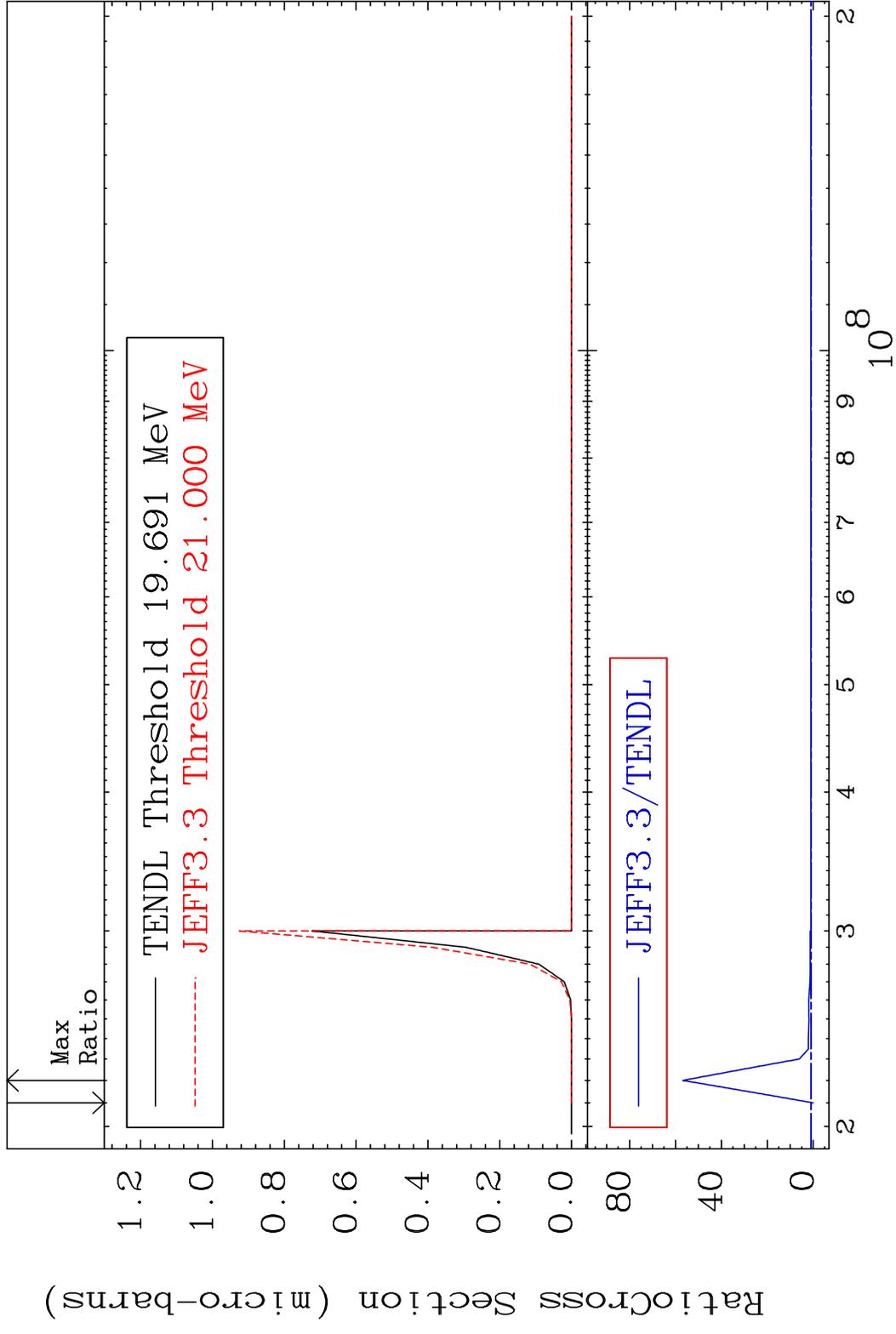
MAT 3440 (n, n') $2\alpha:30\text{-Zn-71g}$ 34-Se-79
 Radionuclide Production Cross Section Ratio 1557. %



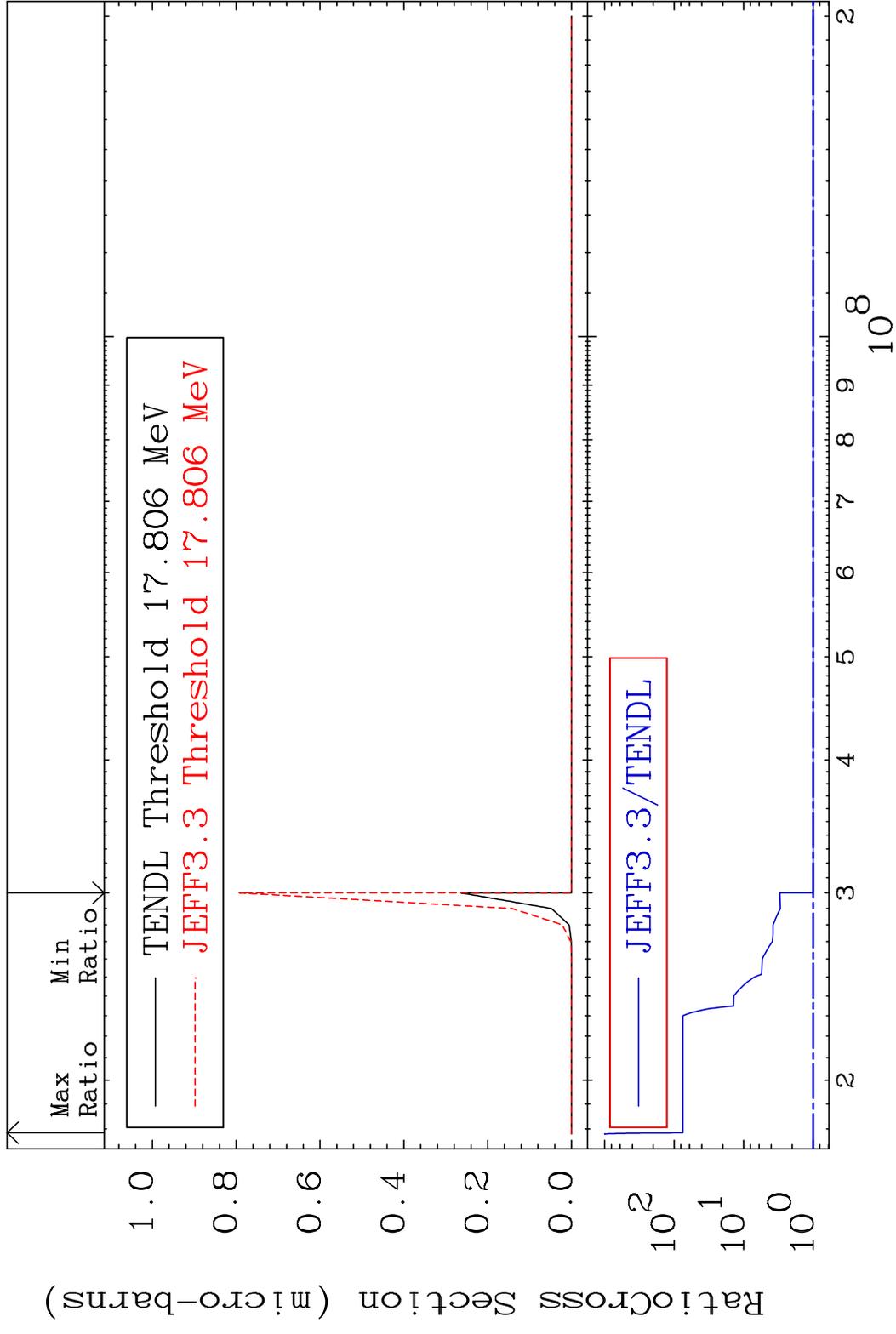


MAT 3440 (n,2n) p:32-Ge-77g 34-Se-79
 Radionuclide Production Cross Section 1800 dth 2349. %

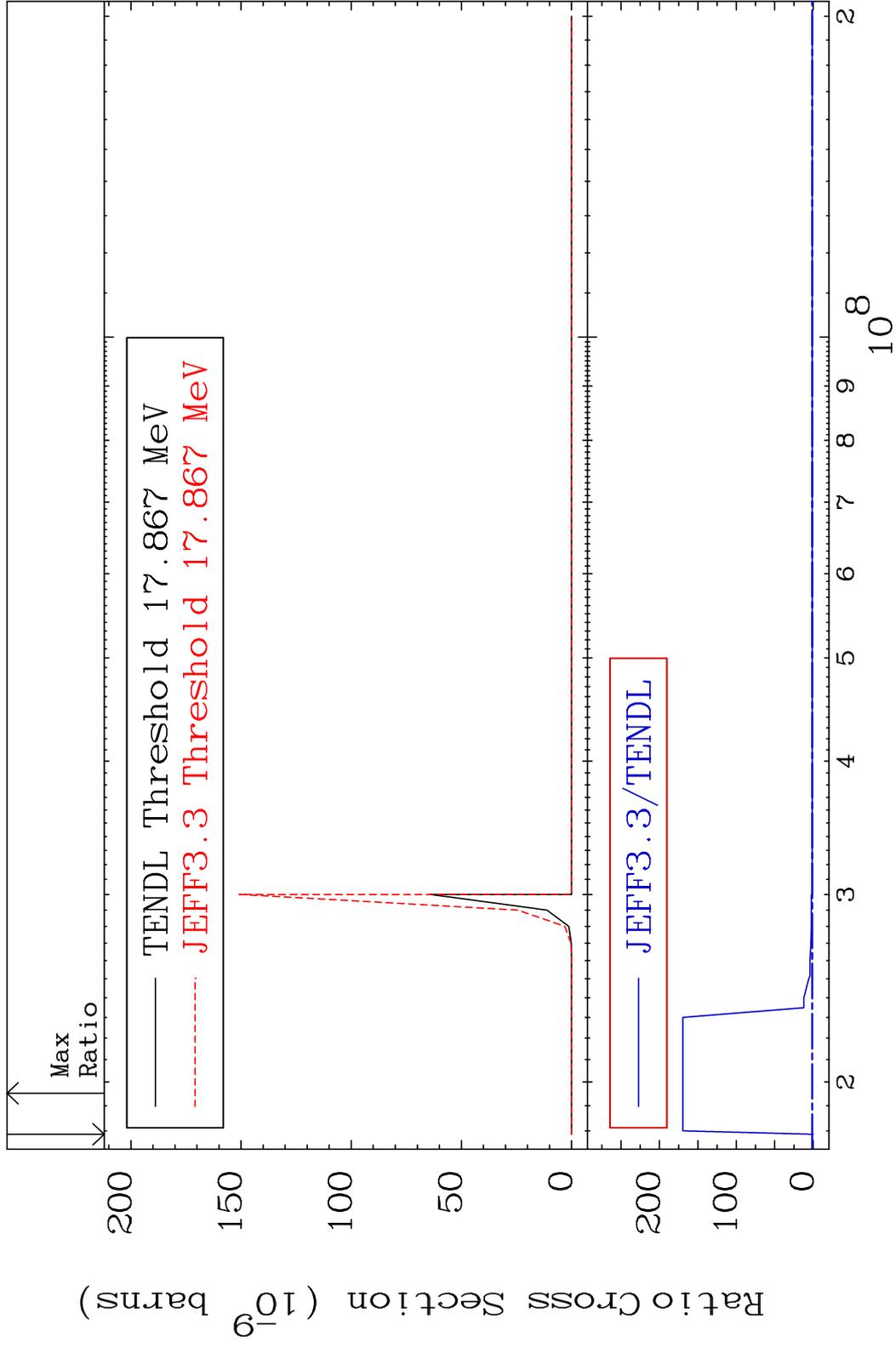


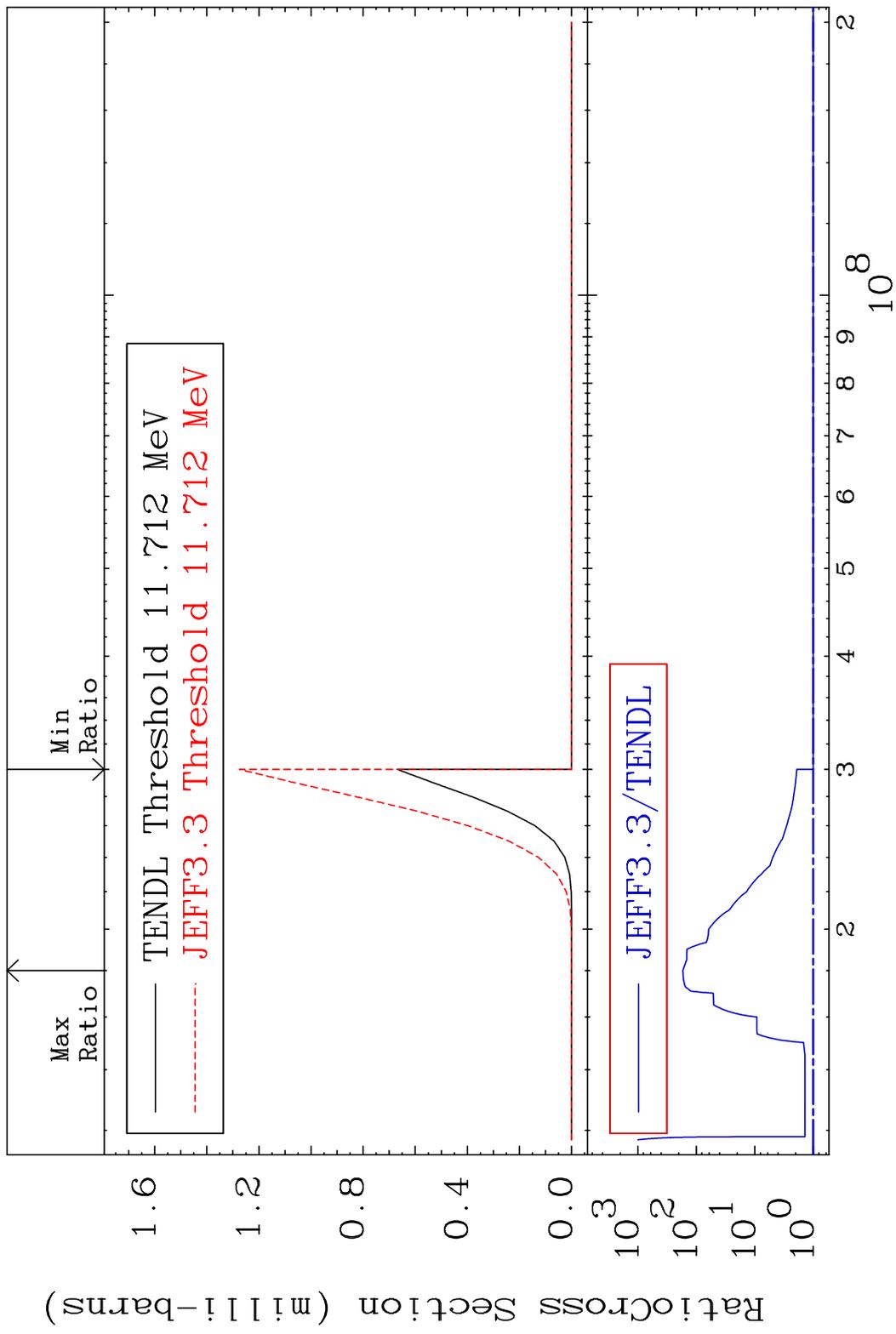


MAT 3440 (n, n') p α :31-Ga-74g 34-Se-79
 Radionuclide Production Cross Section 7405. %

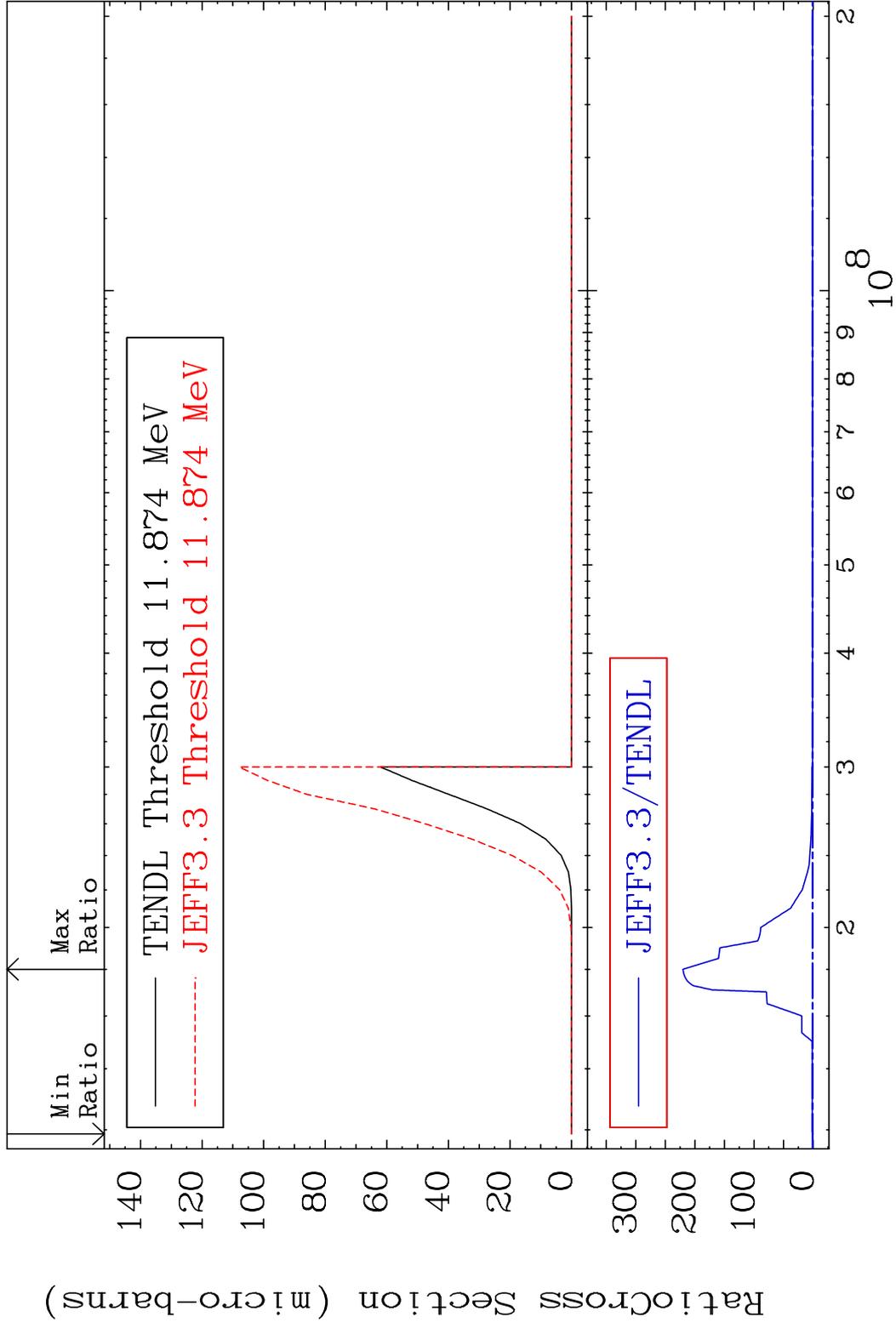


MAT 3440 (n, n') p α :31-Ga-74m2 34-Se-79
 Radionuclide Production Cross Section Ratio 9999. %





MAT 3440 (n, He-3) : 32-Ge-77m1 34-Se-79
 Radionuclide Production Cross Section Ratio 9999. %



80 Incident Energy (eV) 34-Se-79

