

Program Complot
(Version 2021-1)

by

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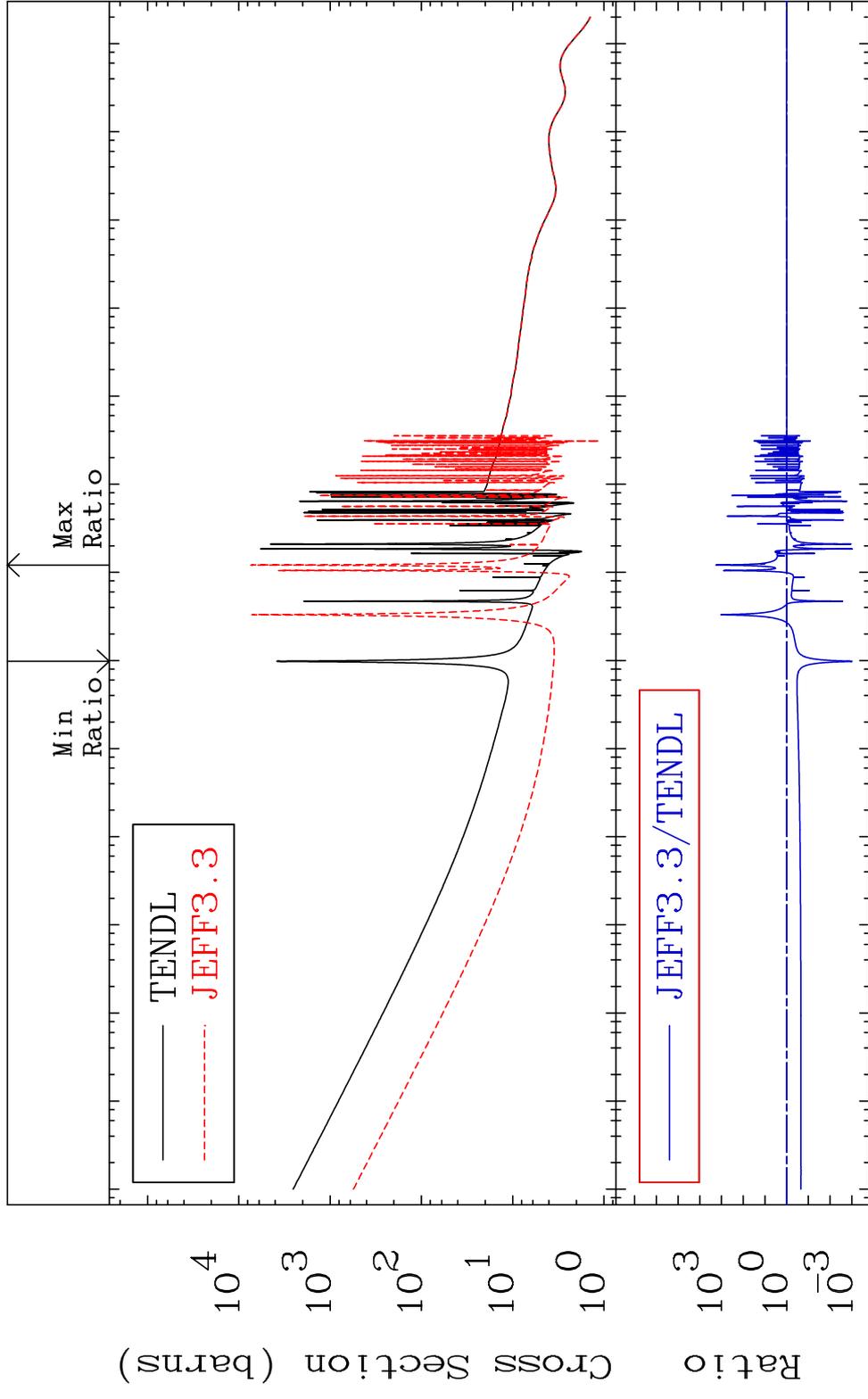
Press Mouse Button to Start

MAT 3440

34-Se-79

Total

Cross Section -99.91 To 9999. %



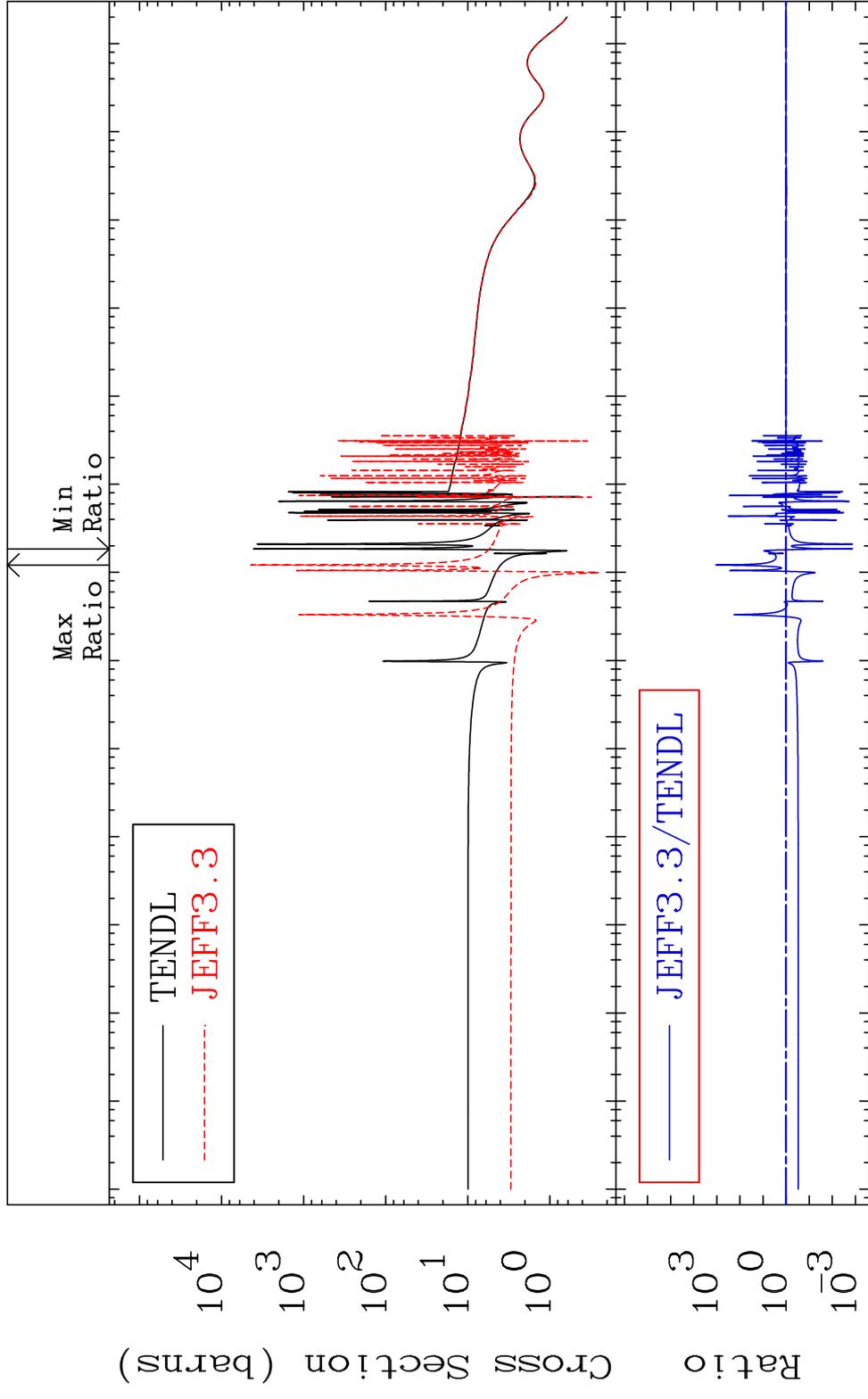
1

Incident Energy (eV)

34-Se-79

MAT 3440

Elastic Cross Section -99.87 To 9999. % 34-Se-79



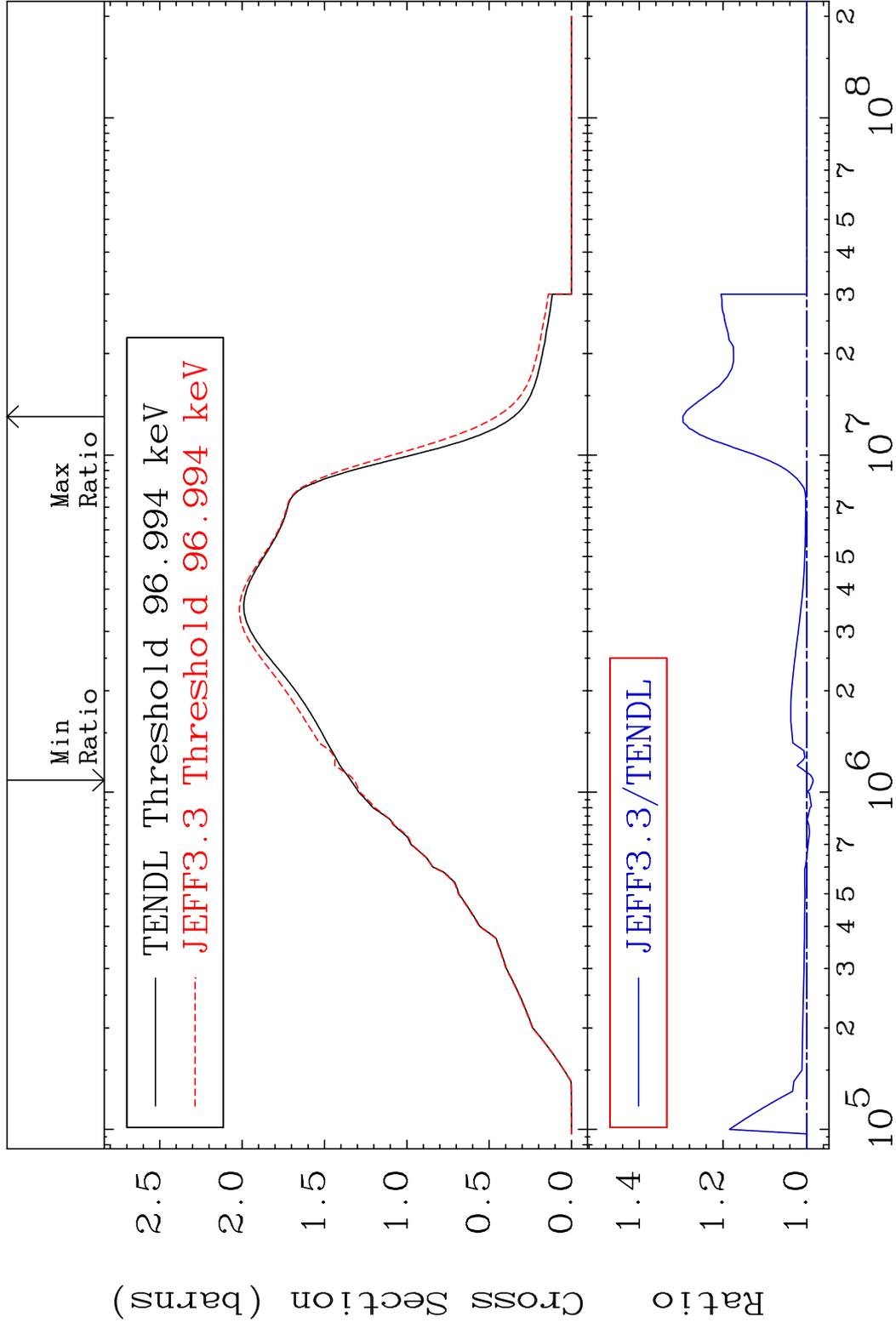
2

Incident Energy (eV)

34-Se-79

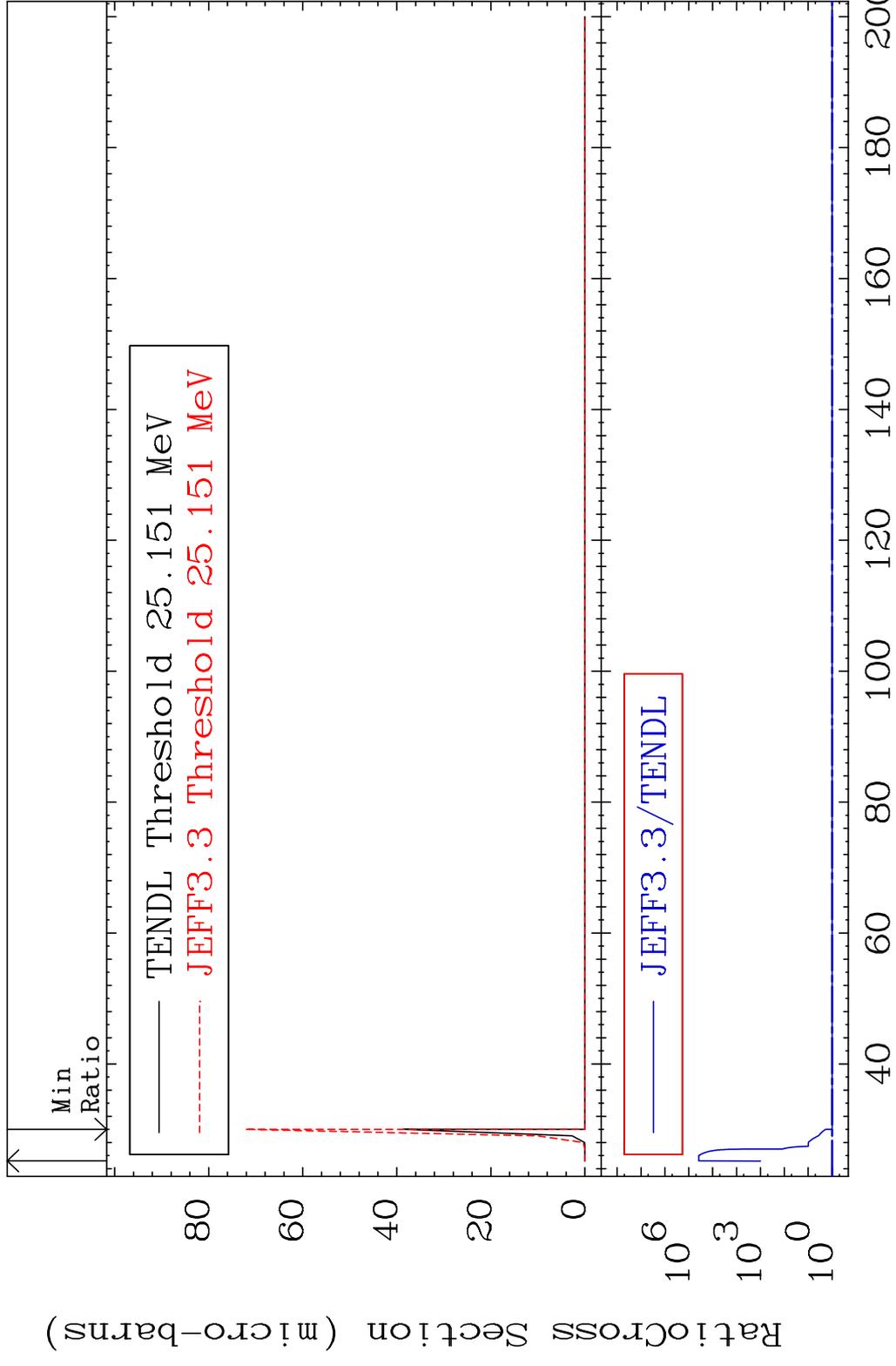
MAT 3440

Inelastic Cross Section -1.535 To 29.59 %
34-Se-79

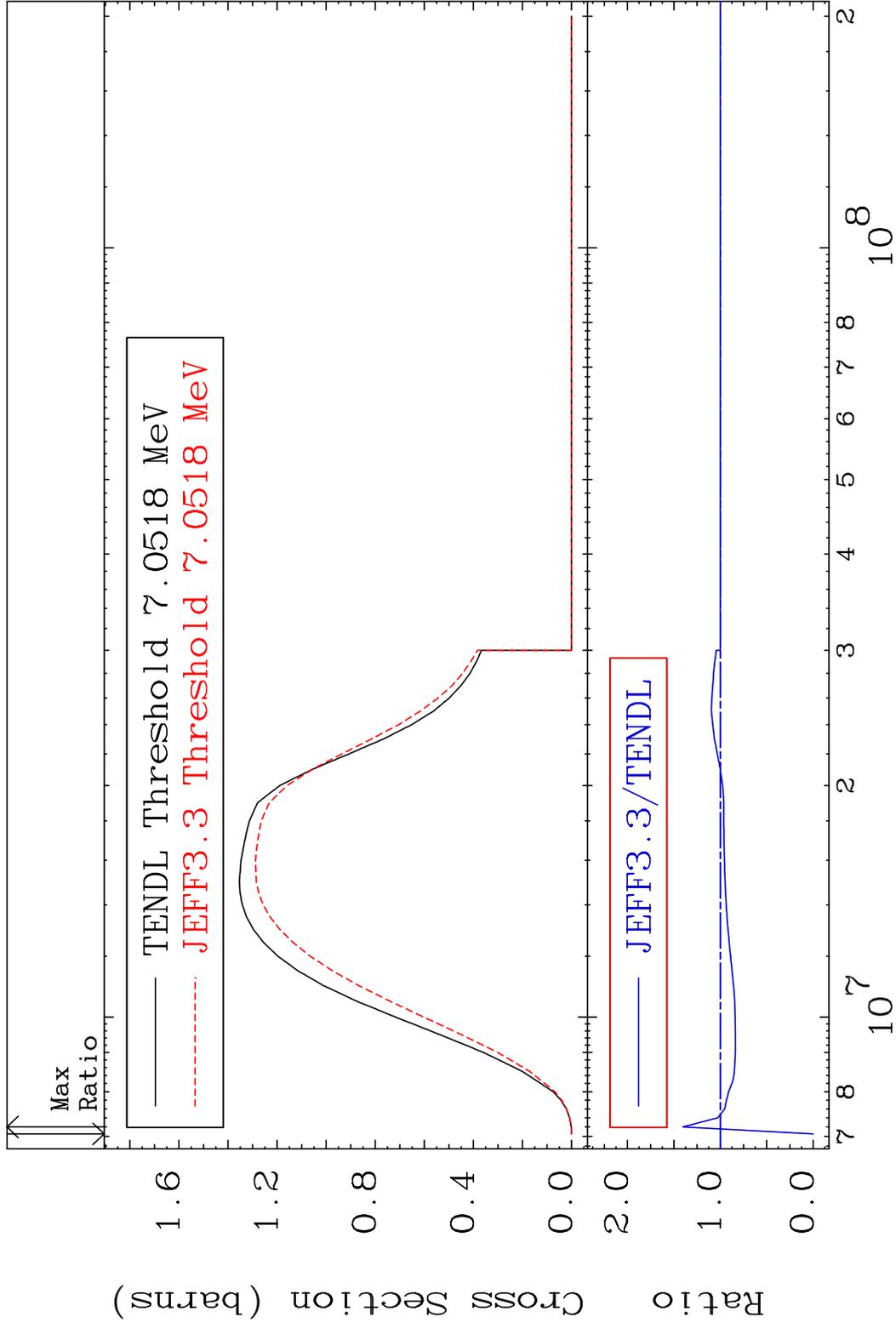


34-Se-79

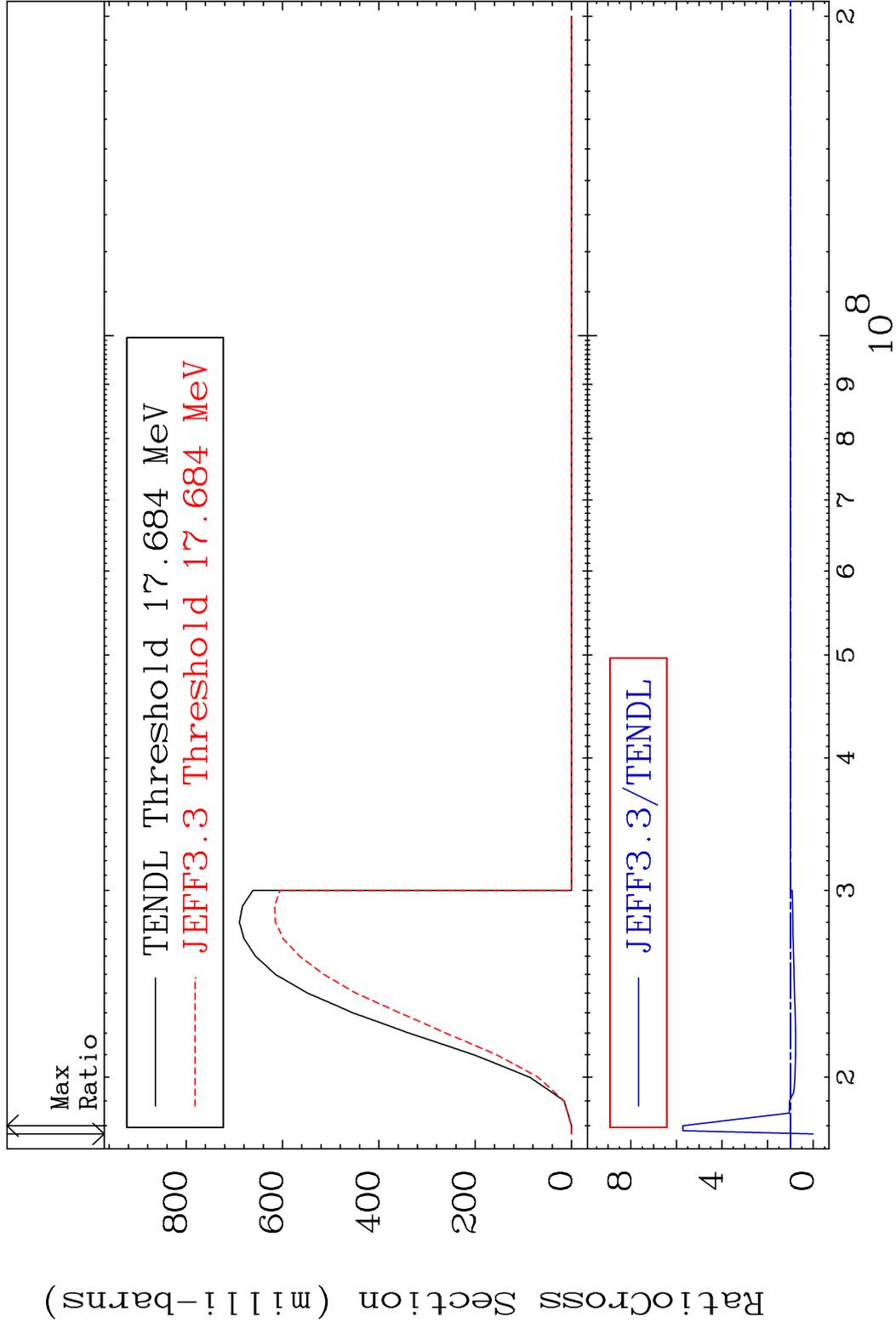
MAT 3440 (n,2n) d 34-Se-79
 Cross Section 0.000 To 9999. %



MAT 3440 (n,2n) 34-Se-79
 Cross Section -100.0 To 40.38 %

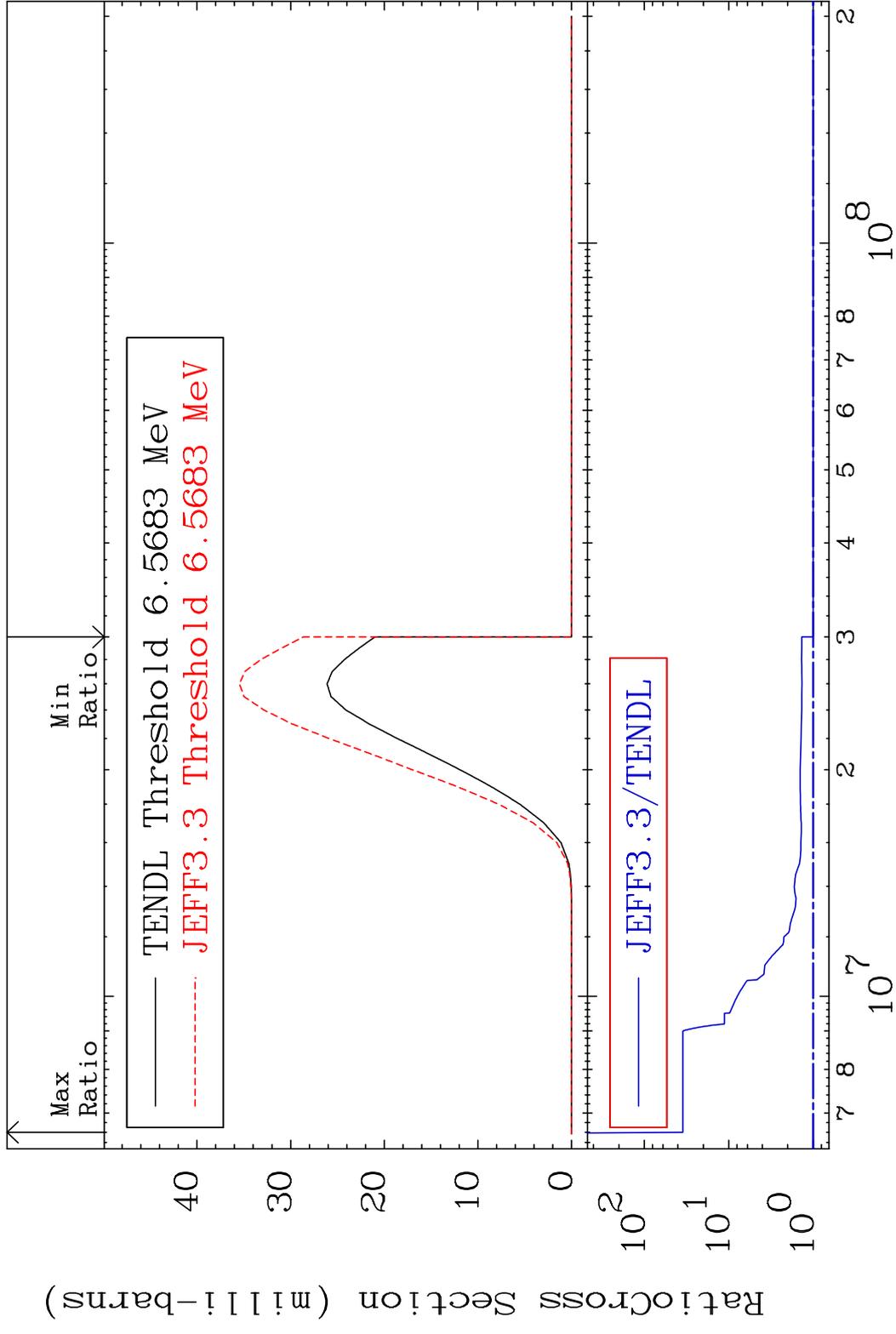


MAT 3440 (n,3n) 34-Se-79
 Cross Section -100.0 To 471.7 %



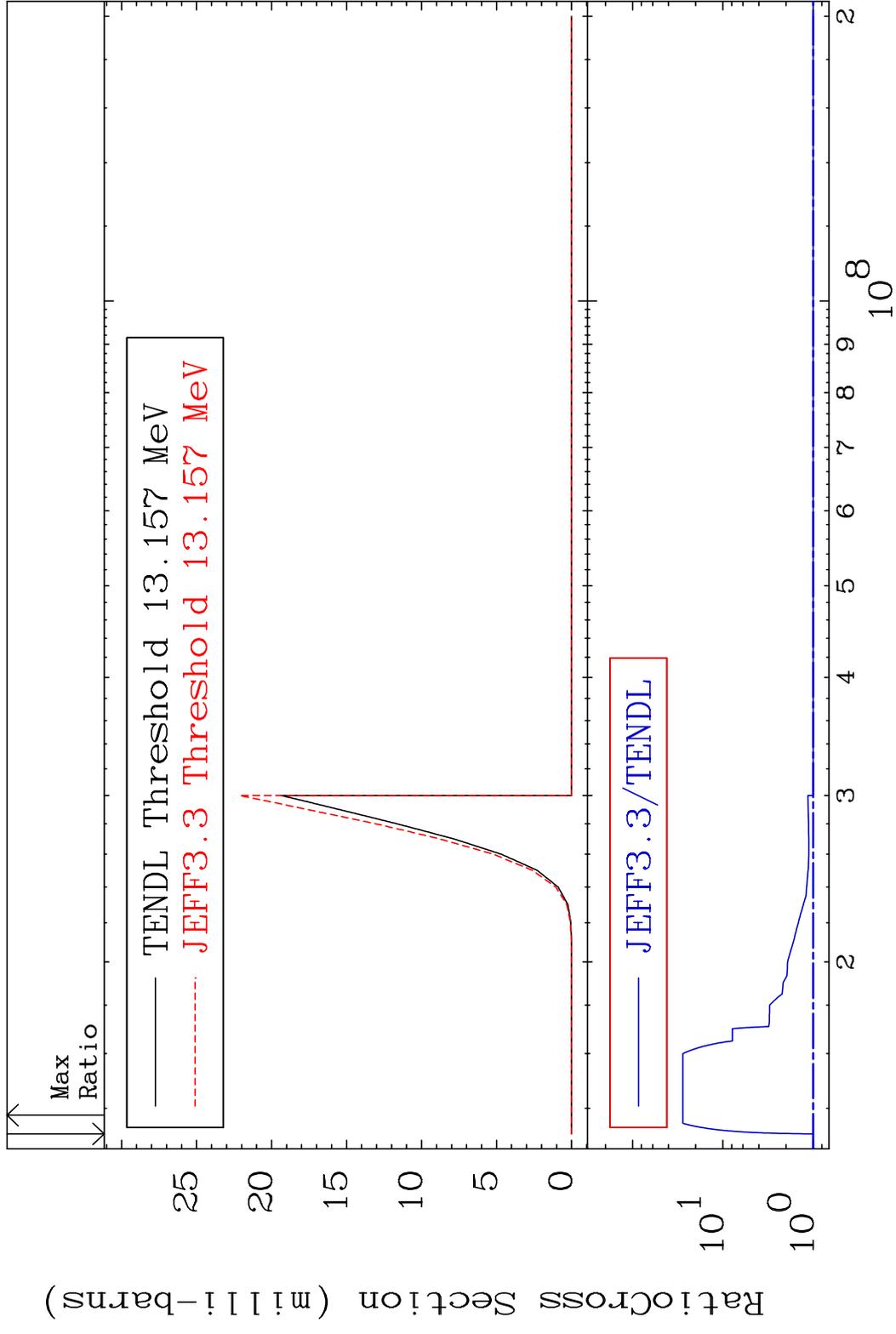
6 Incident Energy (eV) 34-Se-79

MAT 3440 (n, n') α 34-Se-79
 Cross Section 0.000 To 3395. %

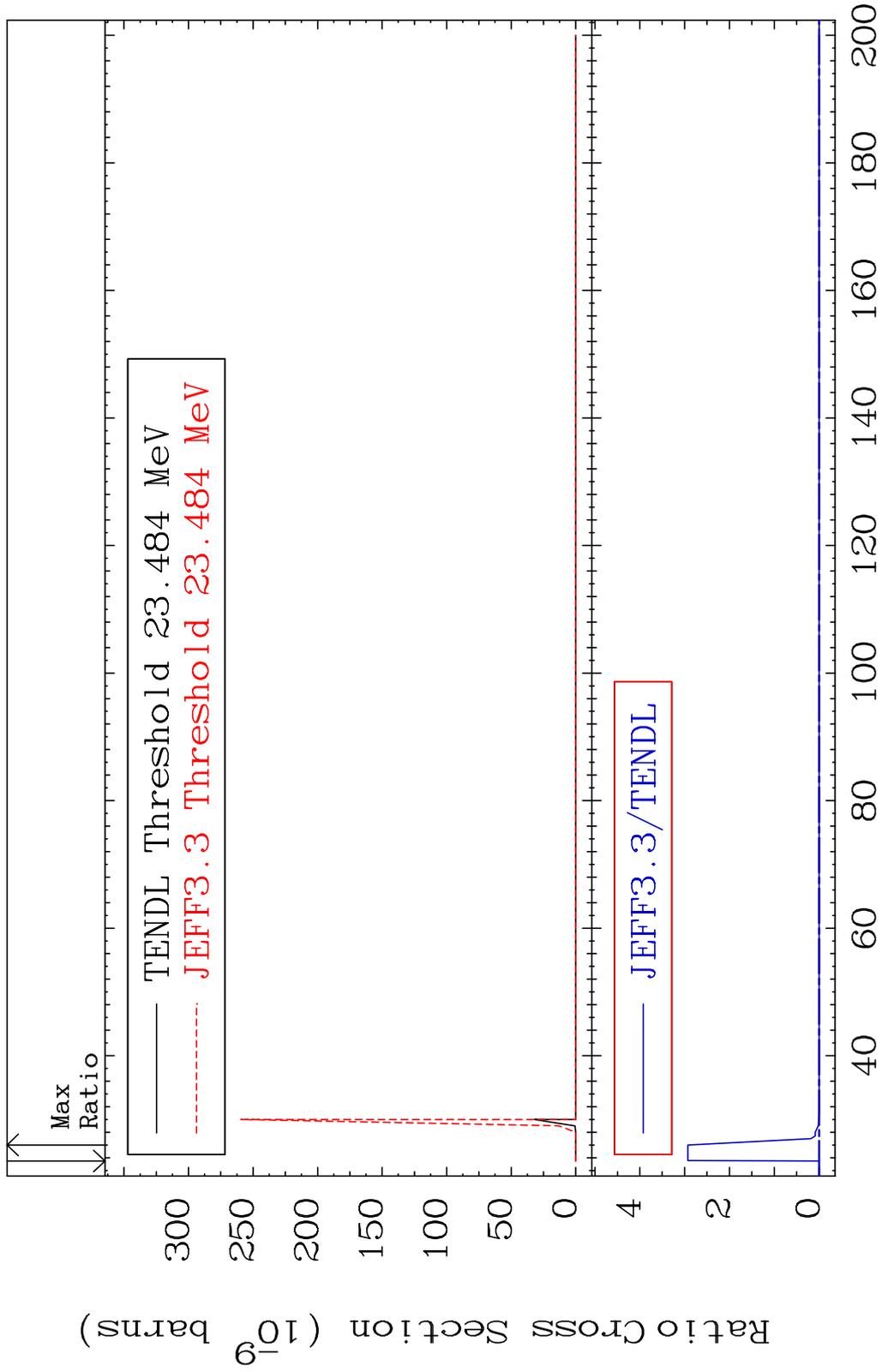


7 Incident Energy (eV) 34-Se-79

MAT 3440 (n,2n) α 34-Se-79
 Cross Section 0.000 To 2677. %



MAT 3440 (n,3n) α 34-Se-79
 Cross Section -100.0 To 9999. %

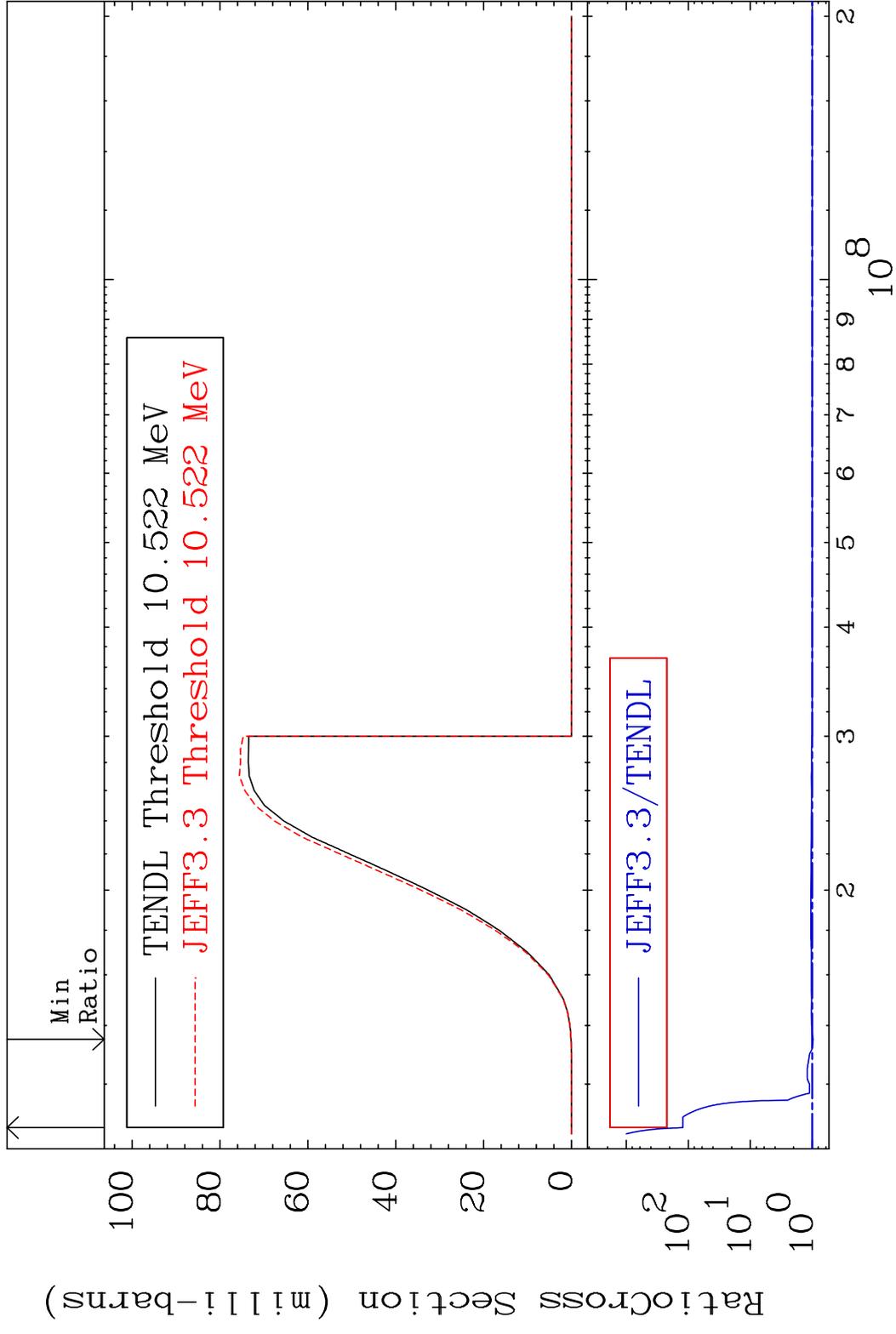


MAT 3440

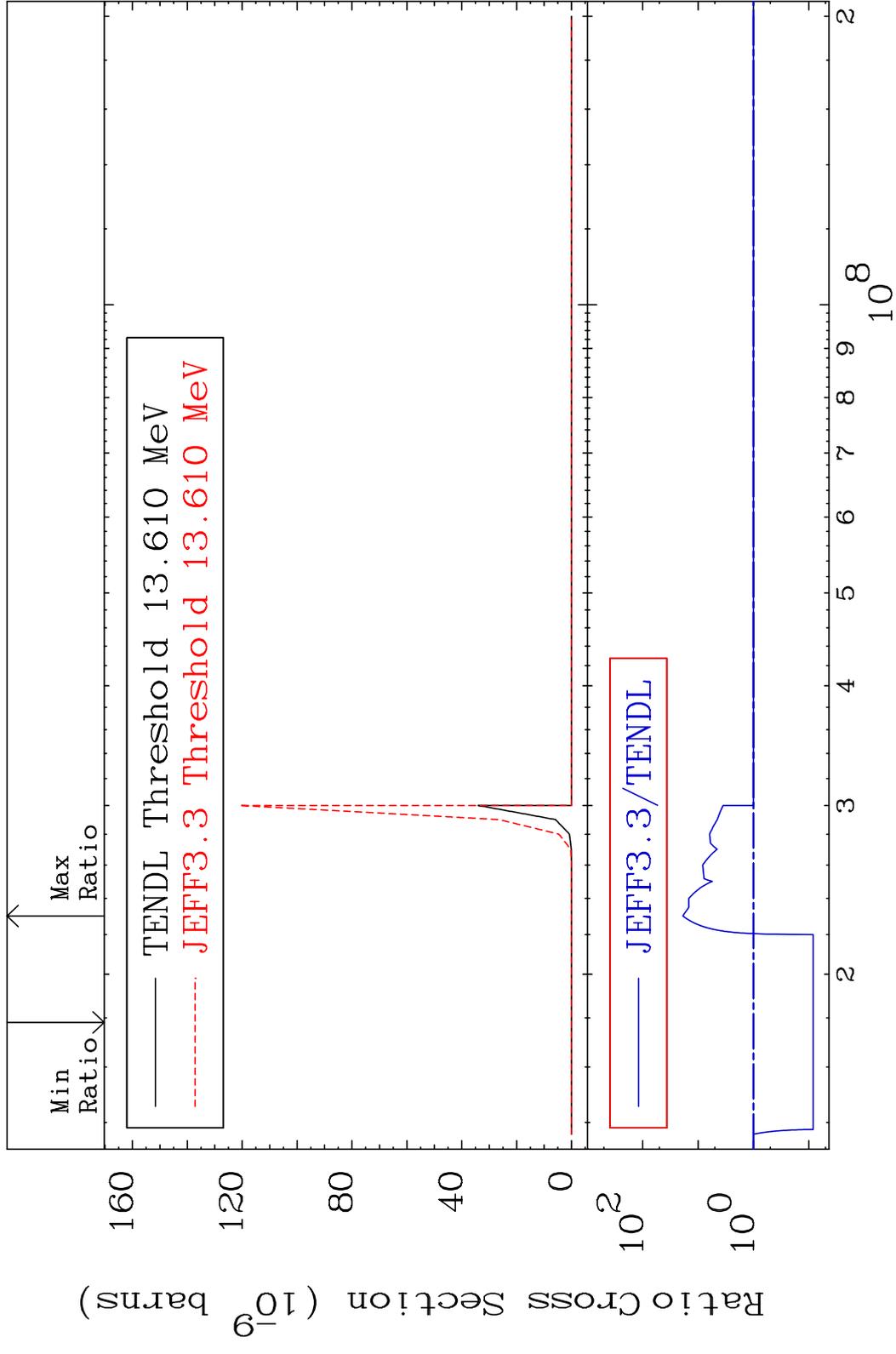
(n, n') p

34-Se-79

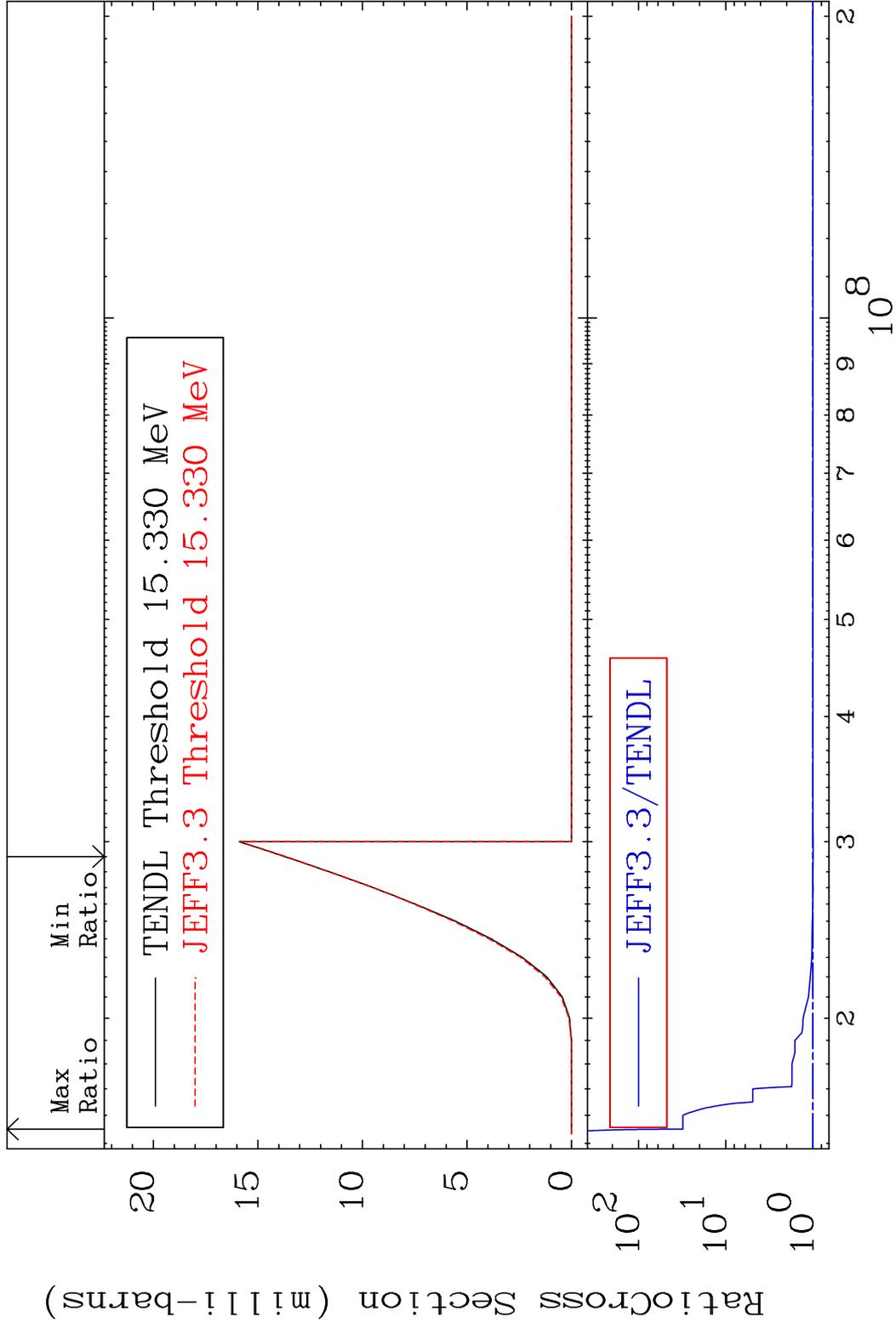
Cross Section -3.110 To 9999. %



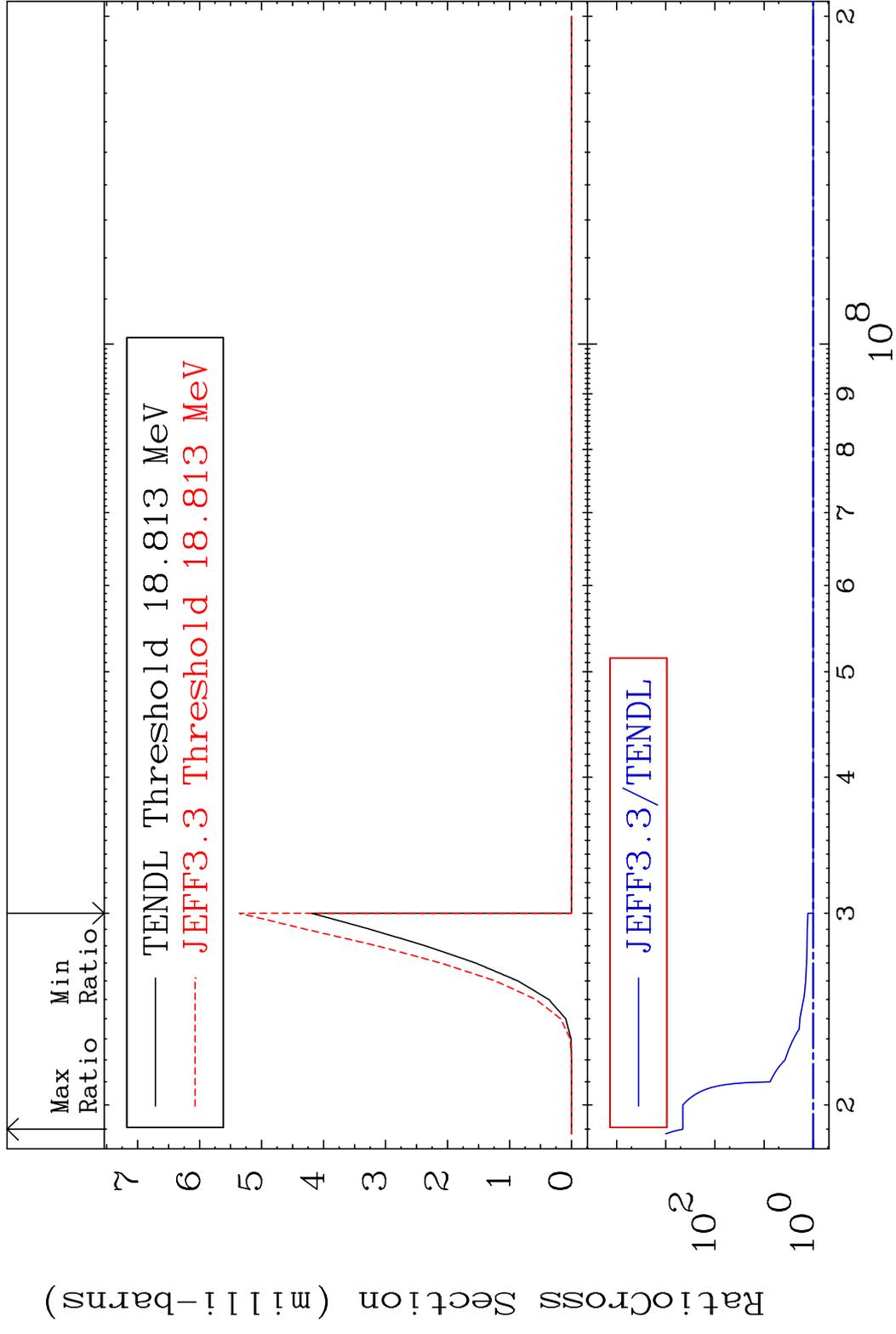
MAT 3440 (n, n') 2α 34-Se-79
 Cross Section -91.61 To 1784. %



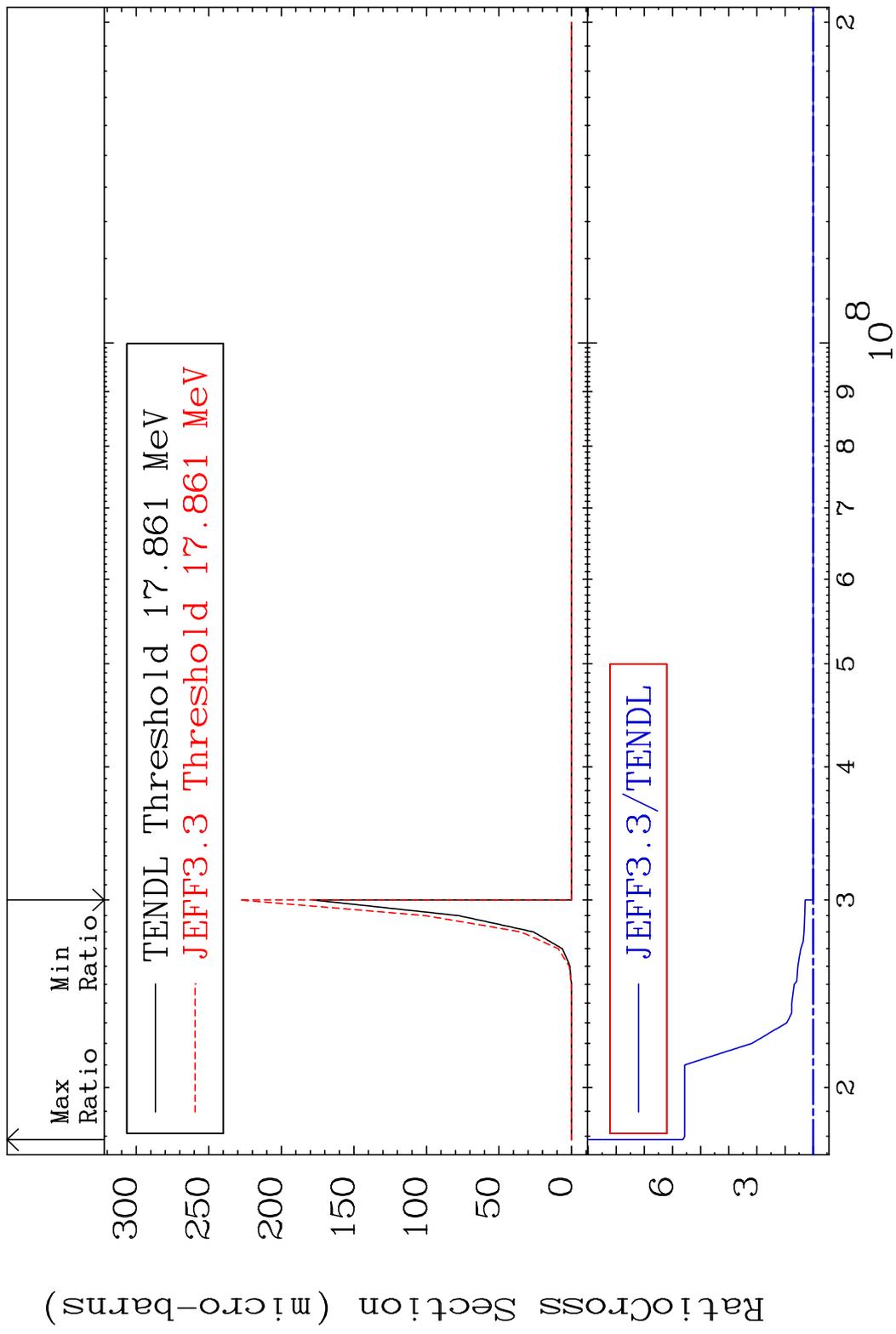
MAT 3440 (n, n') d 34-Se-79
 Cross Section -0.377 To 3010. %



MAT 3440 (n, n') t 34-Se-79
 Cross Section 0.000 To 9999. %



MAT 3440 (n,n') He-3 34-Se-79
 Cross Section 0.000 To 463.3 %

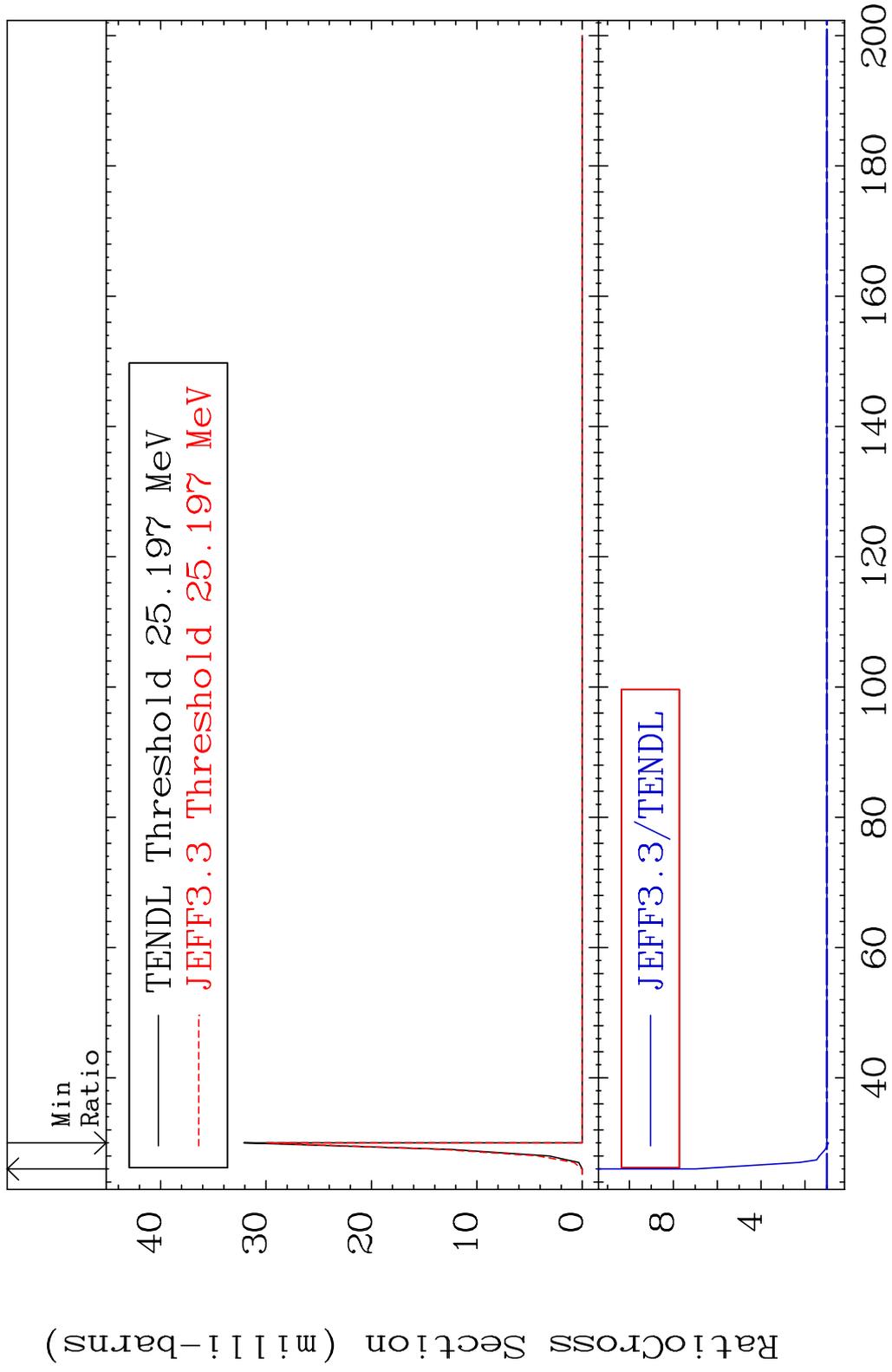


MAT 3440

(n,4n)

34-Se-79

Cross Section -6.768 To 598.2 %



15

Incident Energy (MeV)

34-Se-79

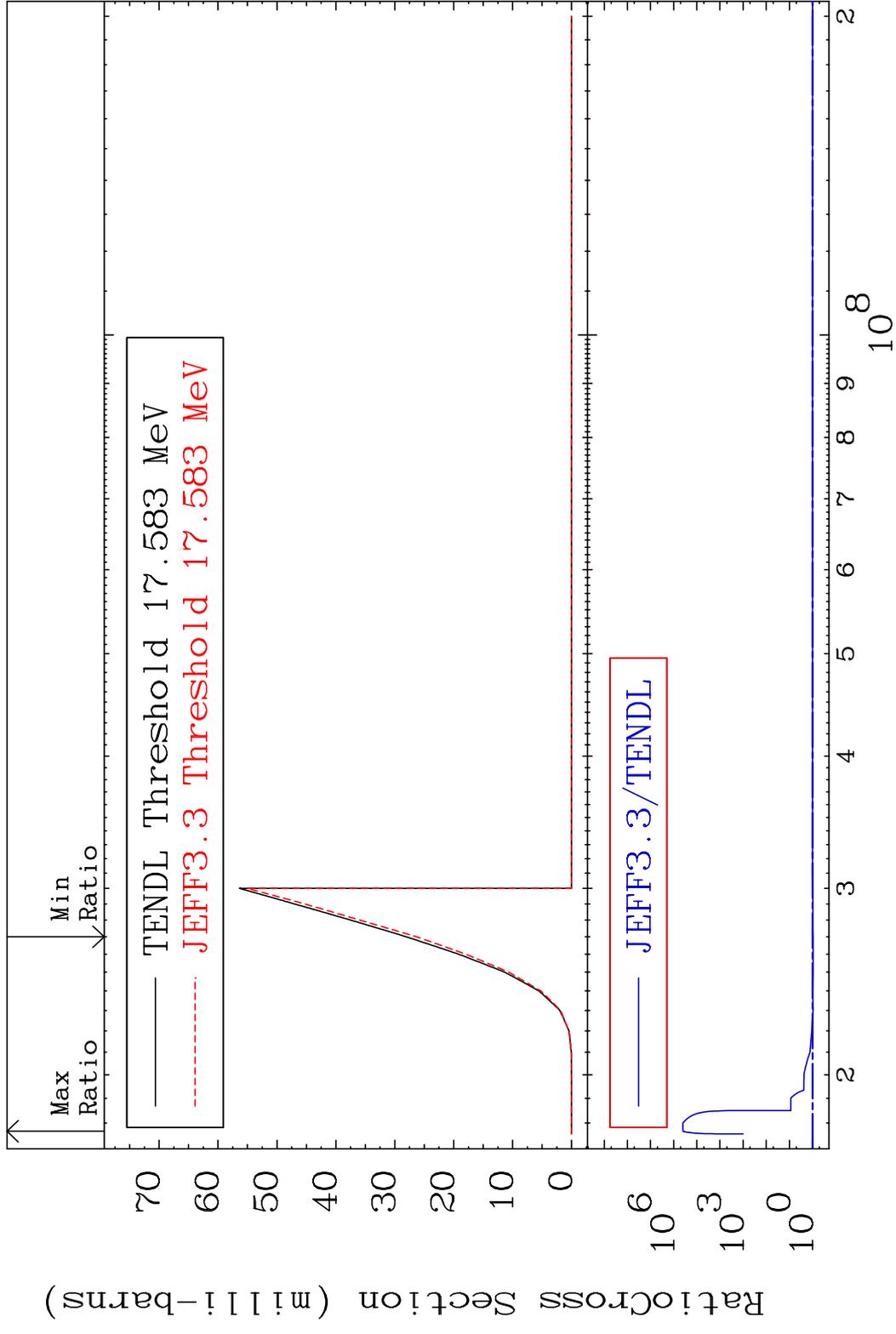
MAT 3440

(n,2n) p

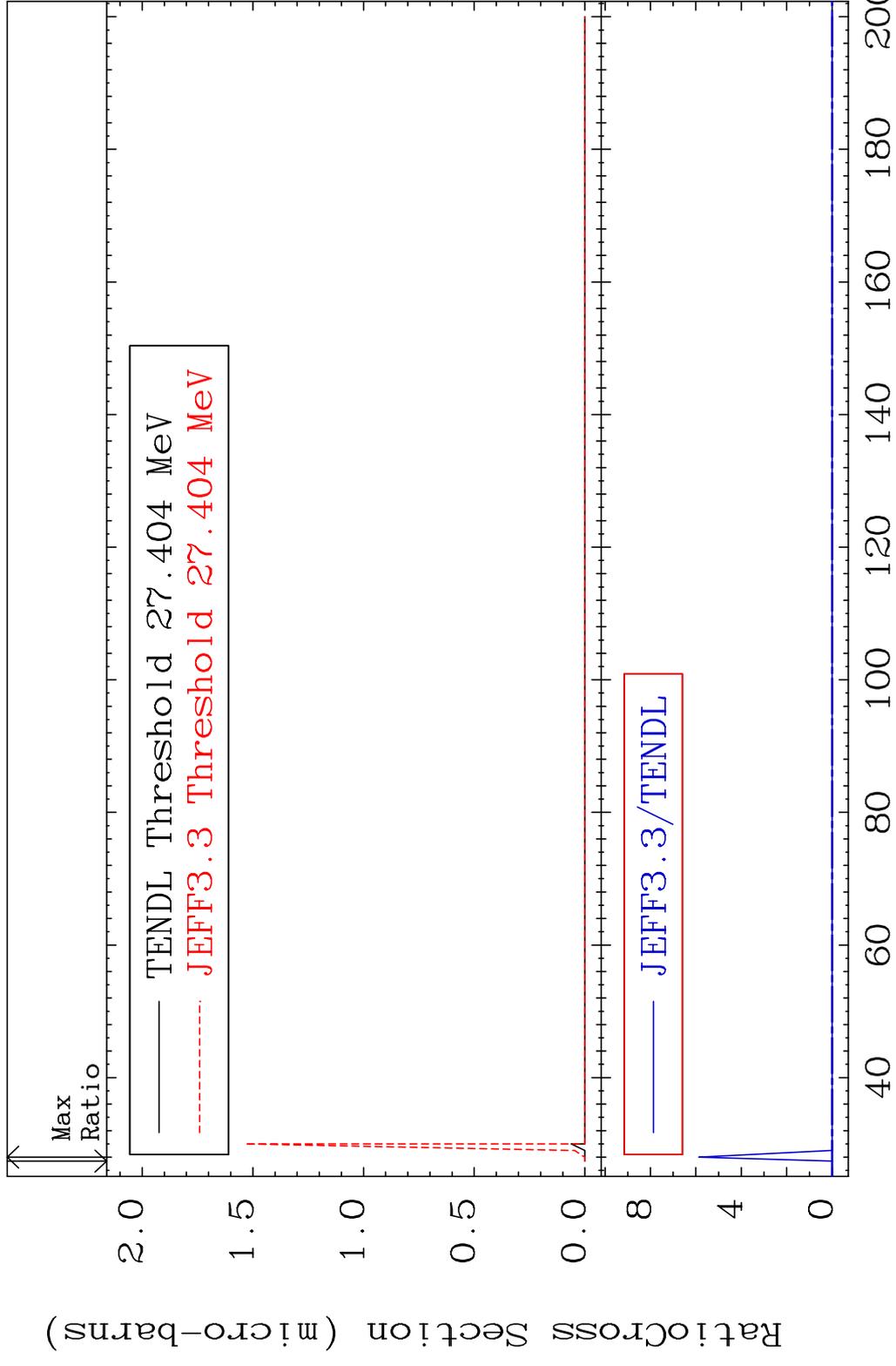
34-Se-79

Cross Section

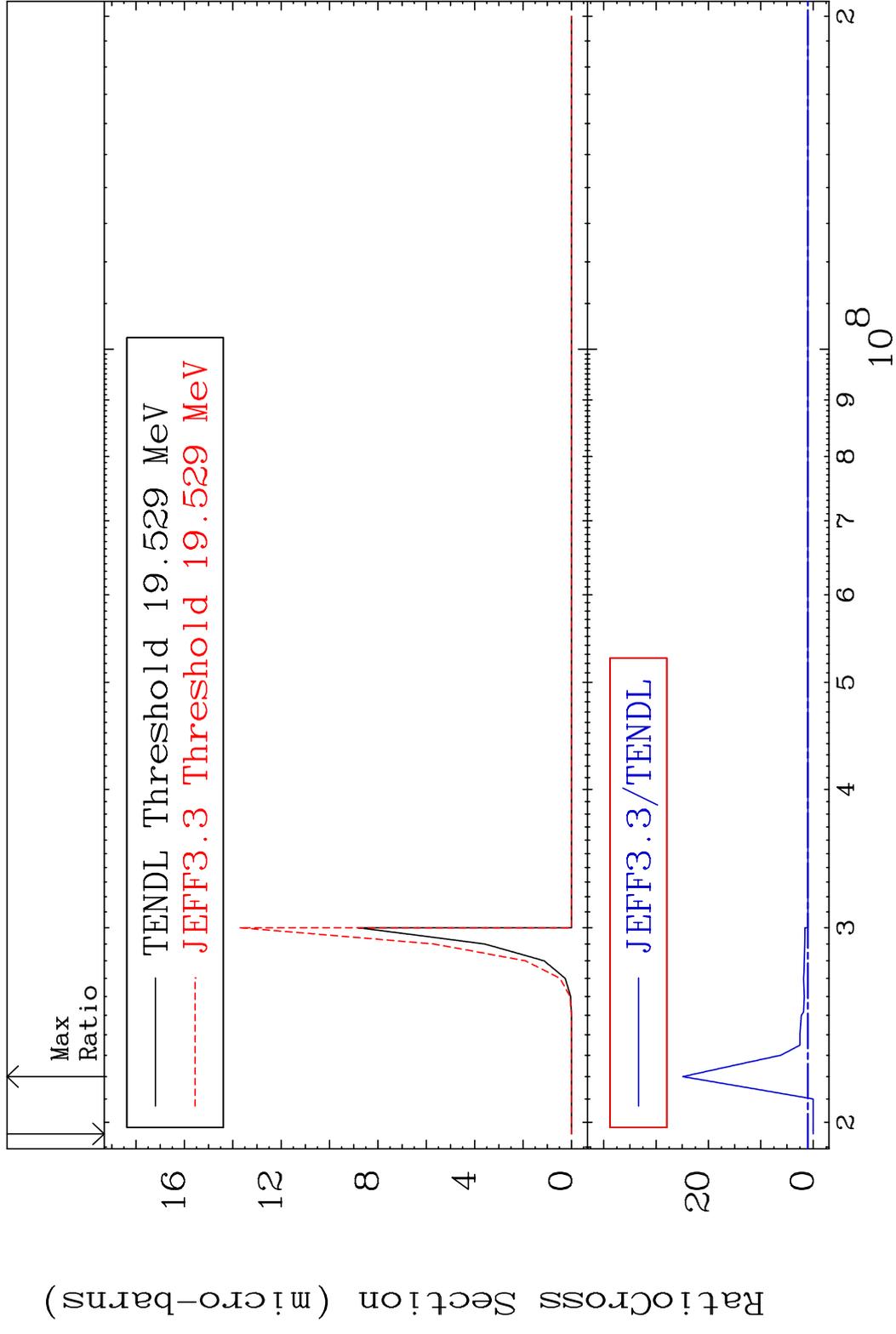
-6.301 To 9999. %



MAT 3440 (n,3n) p 34-Se-79
 Cross Section -100.0 To 9999. %

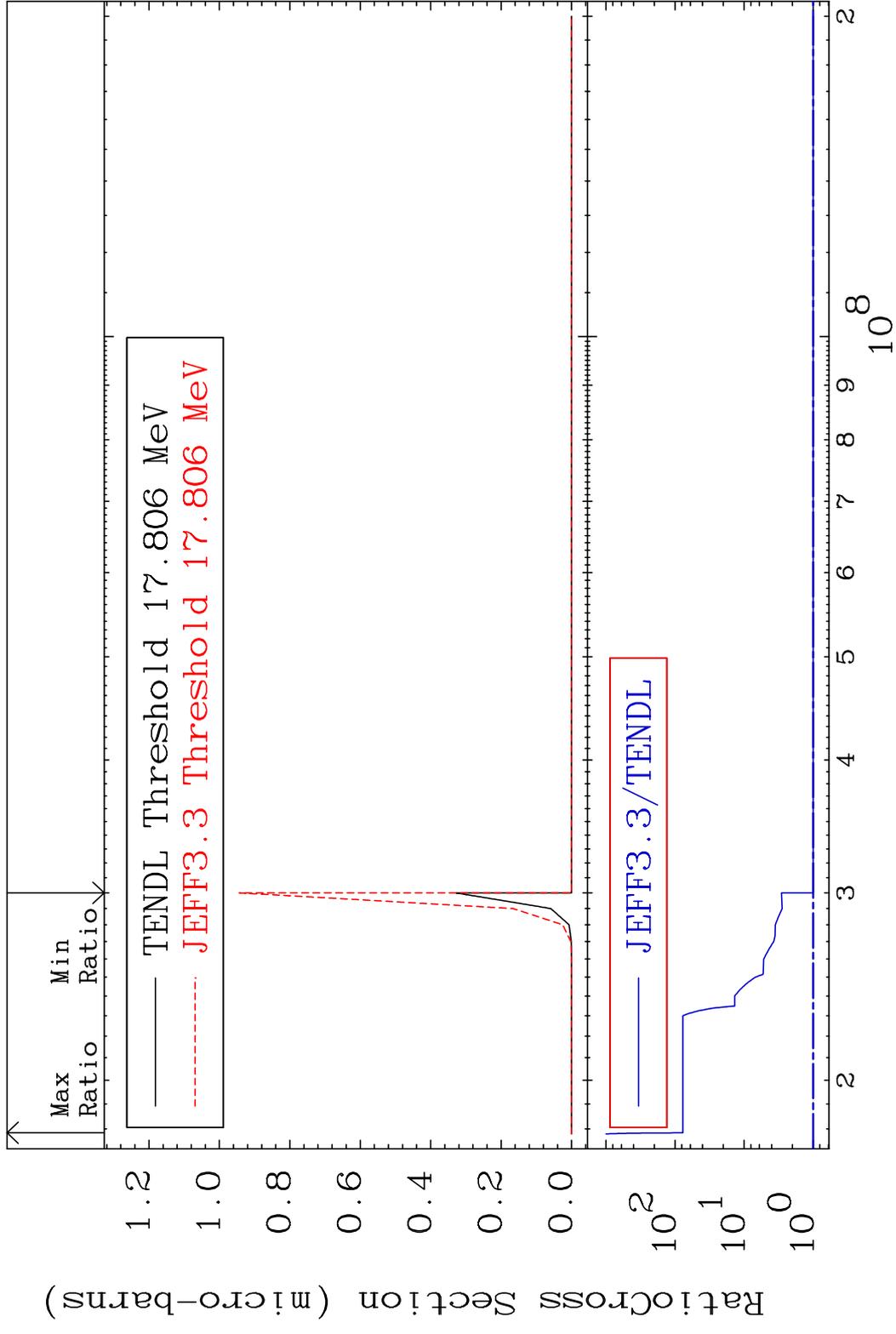


MAT 3440 (n,2n) p 34-Se-79
 Cross Section -100.0 To 2389. %

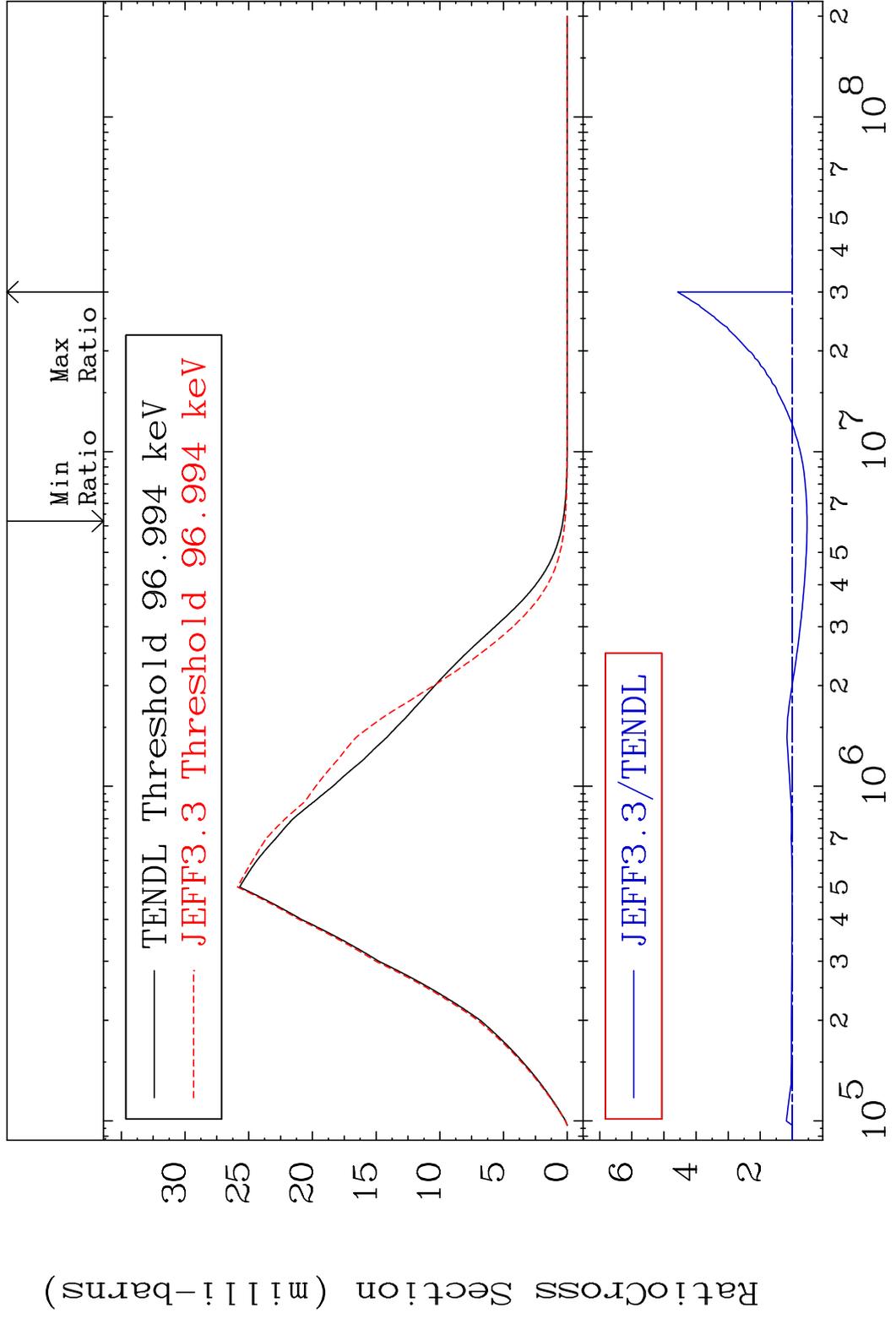


18 34-Se-79

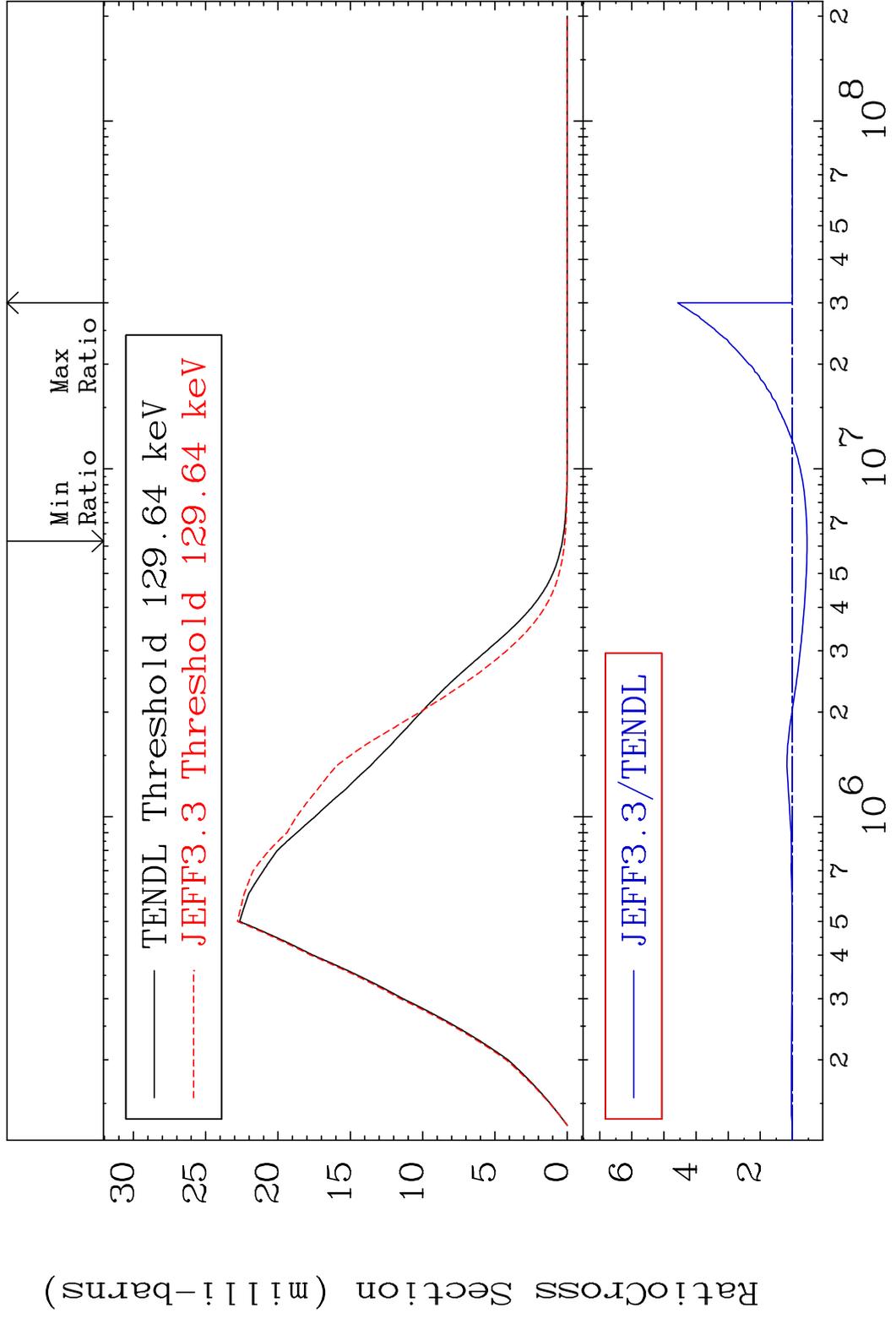
MAT 3440 (n,n') p α 34-Se-79
 Cross Section 0.000 To 7622. %



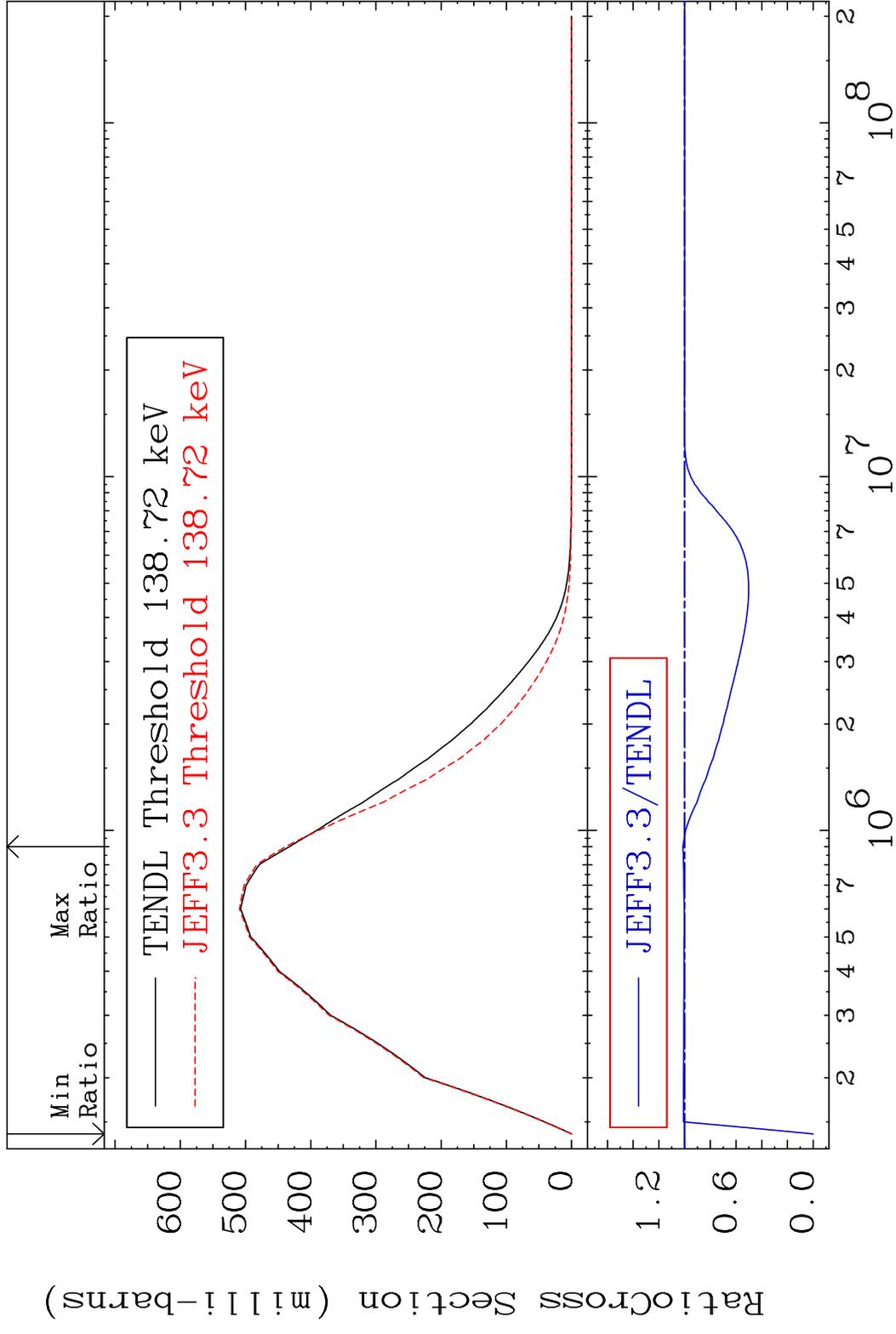
MAT 3440 MT= 51 (n, n') Level 34-Se-79
 Cross Section -45.74 To 357.2 %



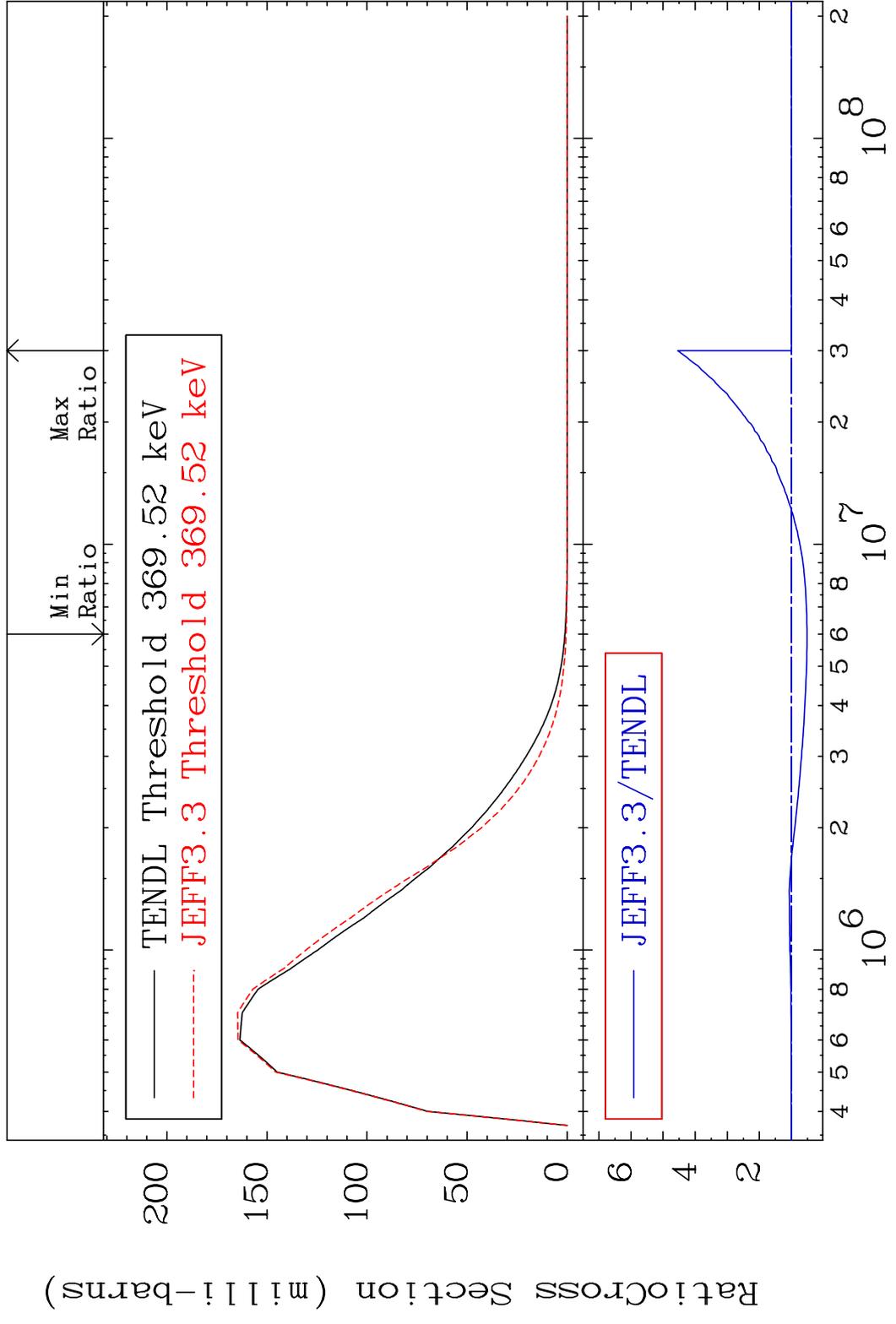
MAT 3440 MT= 52 (n, n') Level 34-Se-79
 Cross Section -45.72 To 357.2 %



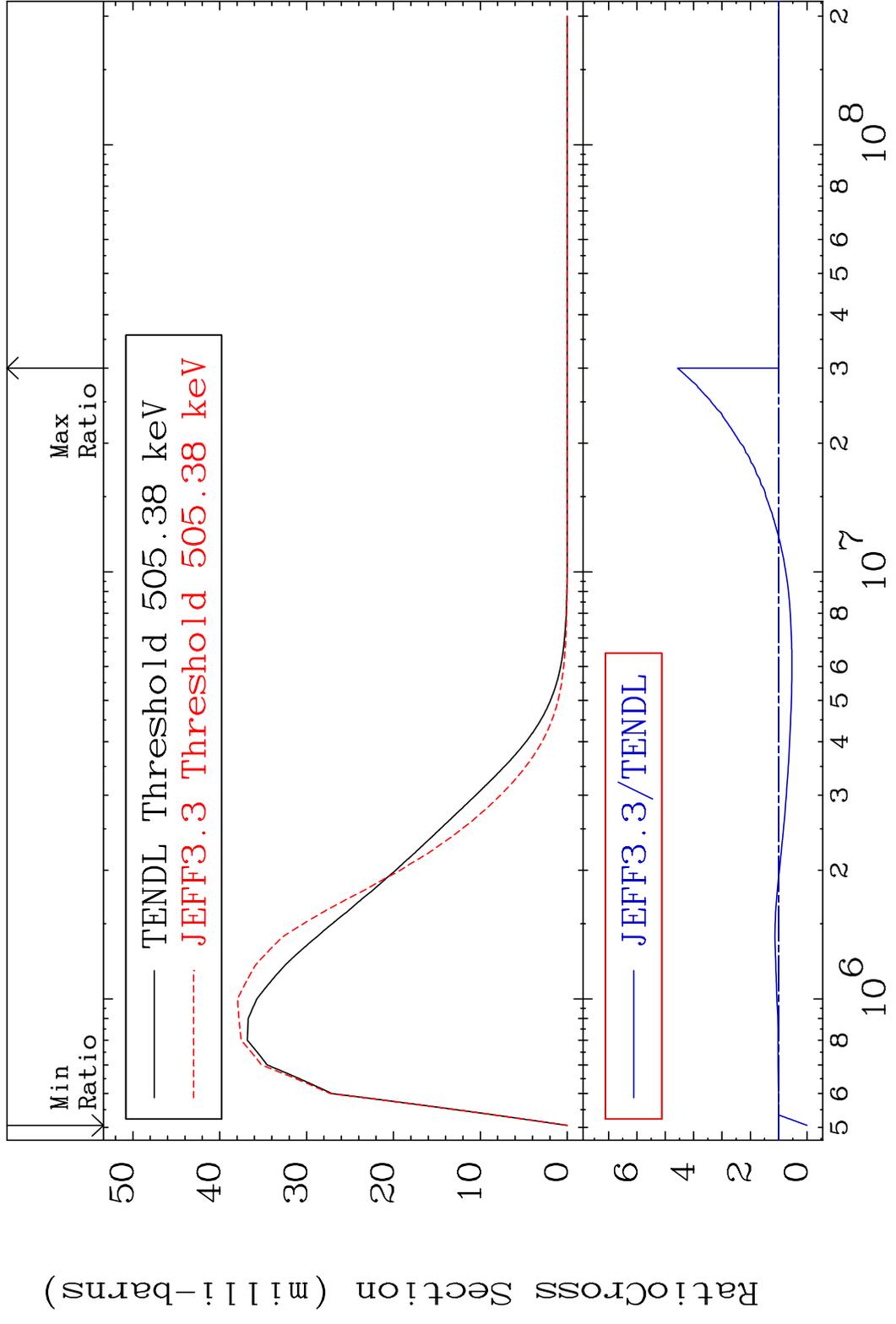
MAT 3440 MT= 53 (n, n') Level 34-Se-79
 Cross Section -100.0 To 1.395 %



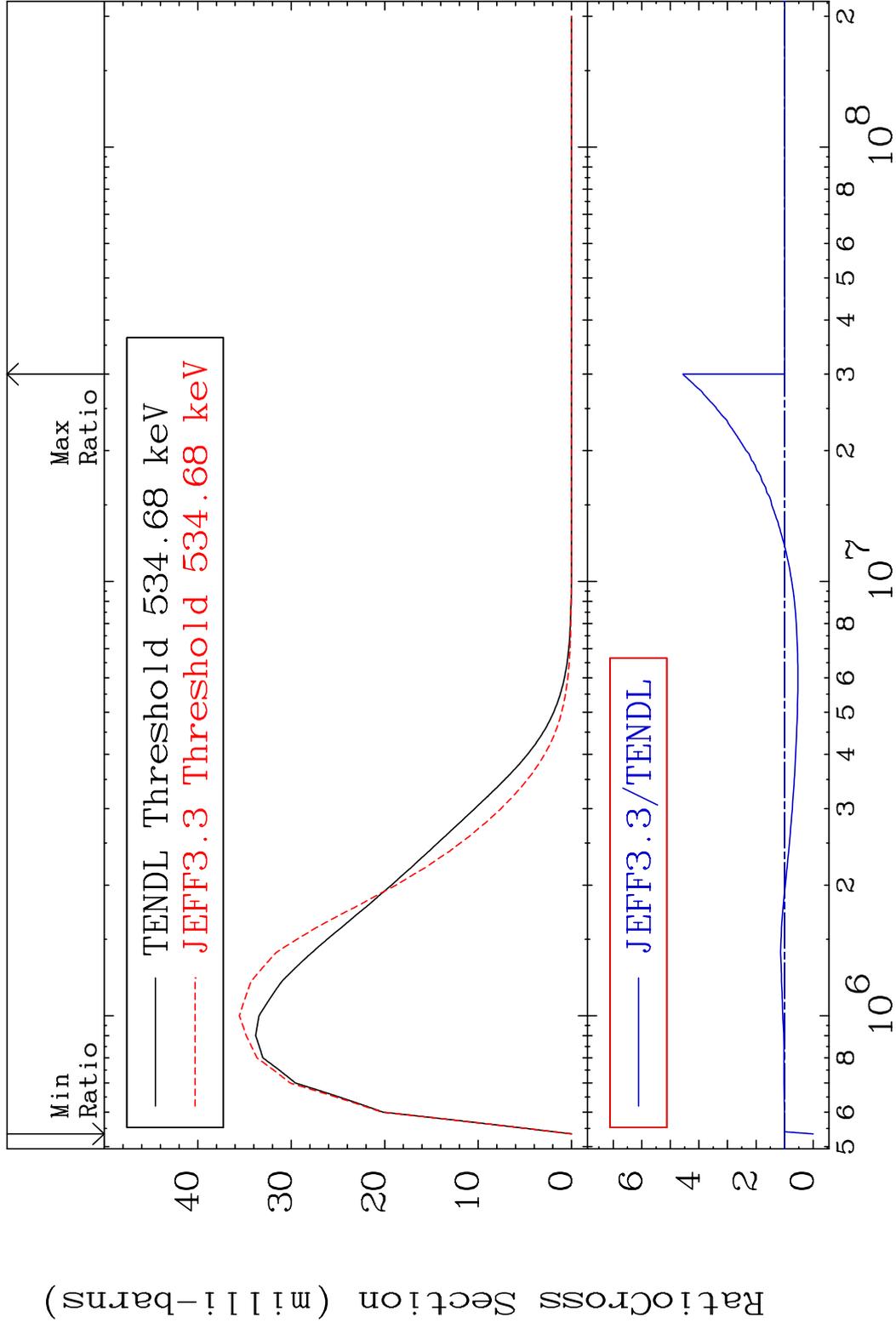
MAT 3440 MT= 54 (n, n') Level 34-Se-79
 Cross Section -48.50 To 354.6 %



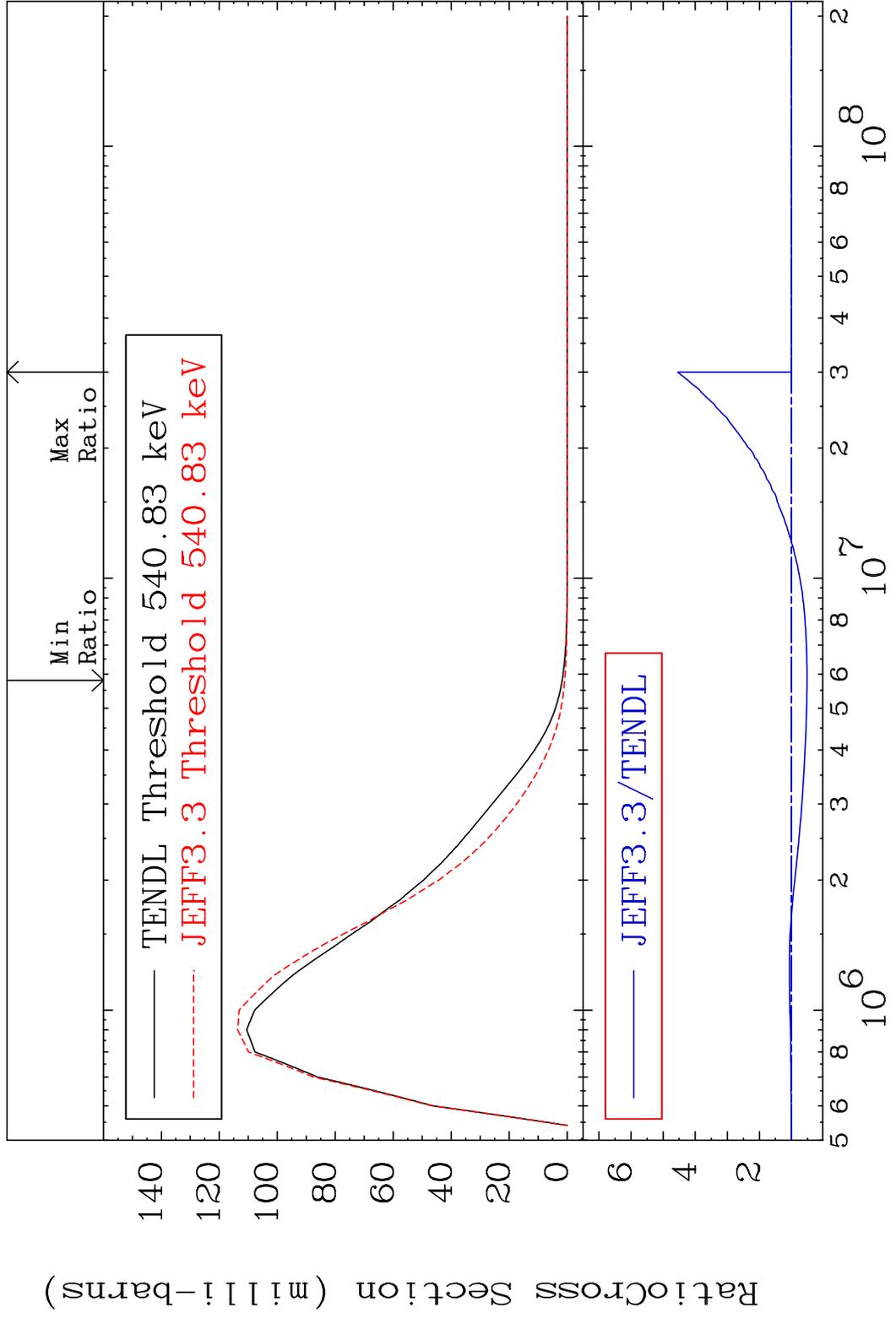
MAT 3440 MT= 55 (n,n') Level 34-Se-79
 Cross Section -100.0 To 356.3 %



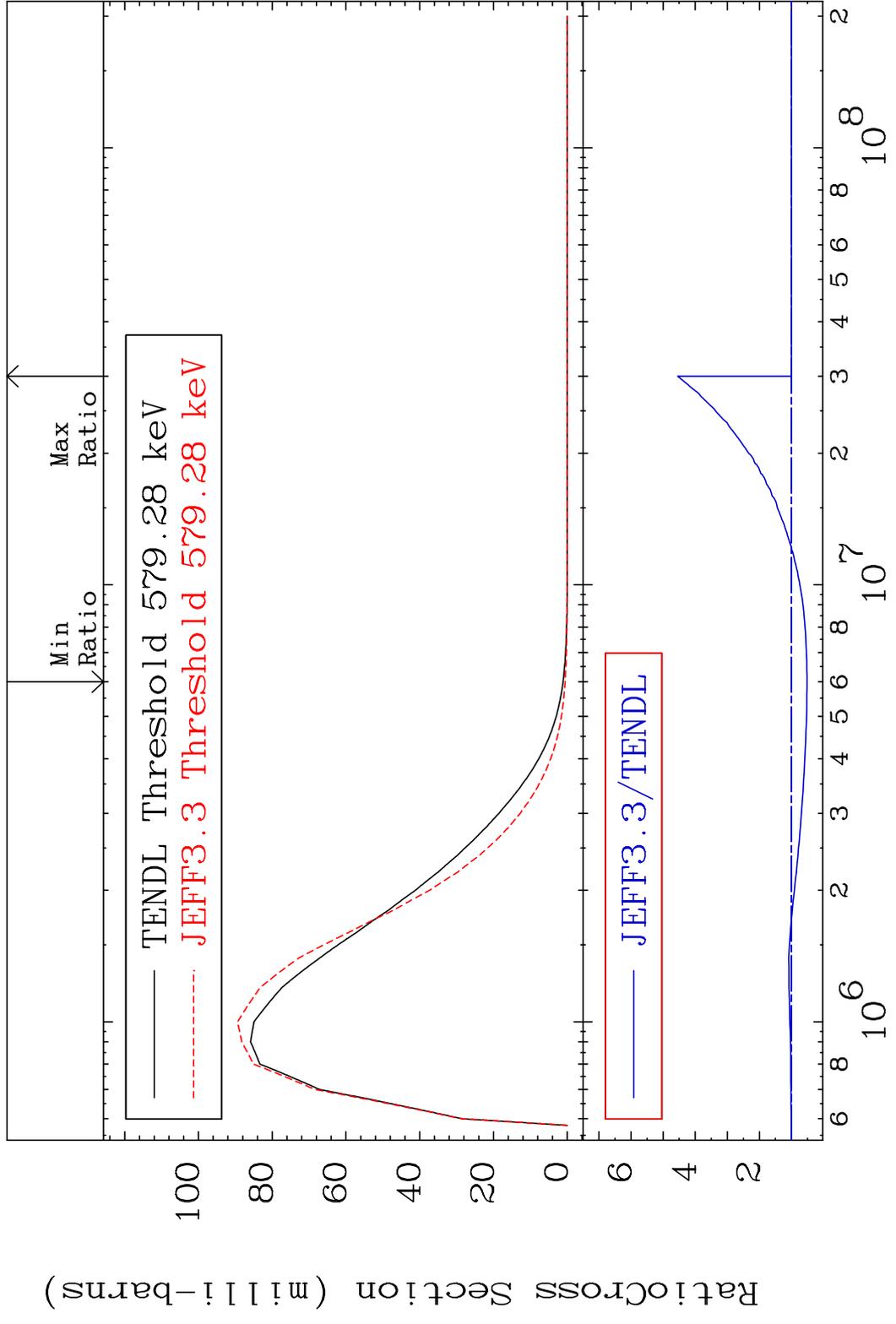
MAT 3440 MT= 56 (n, n') Level 34-Se-79
 Cross Section -100.0 To 356.3 %



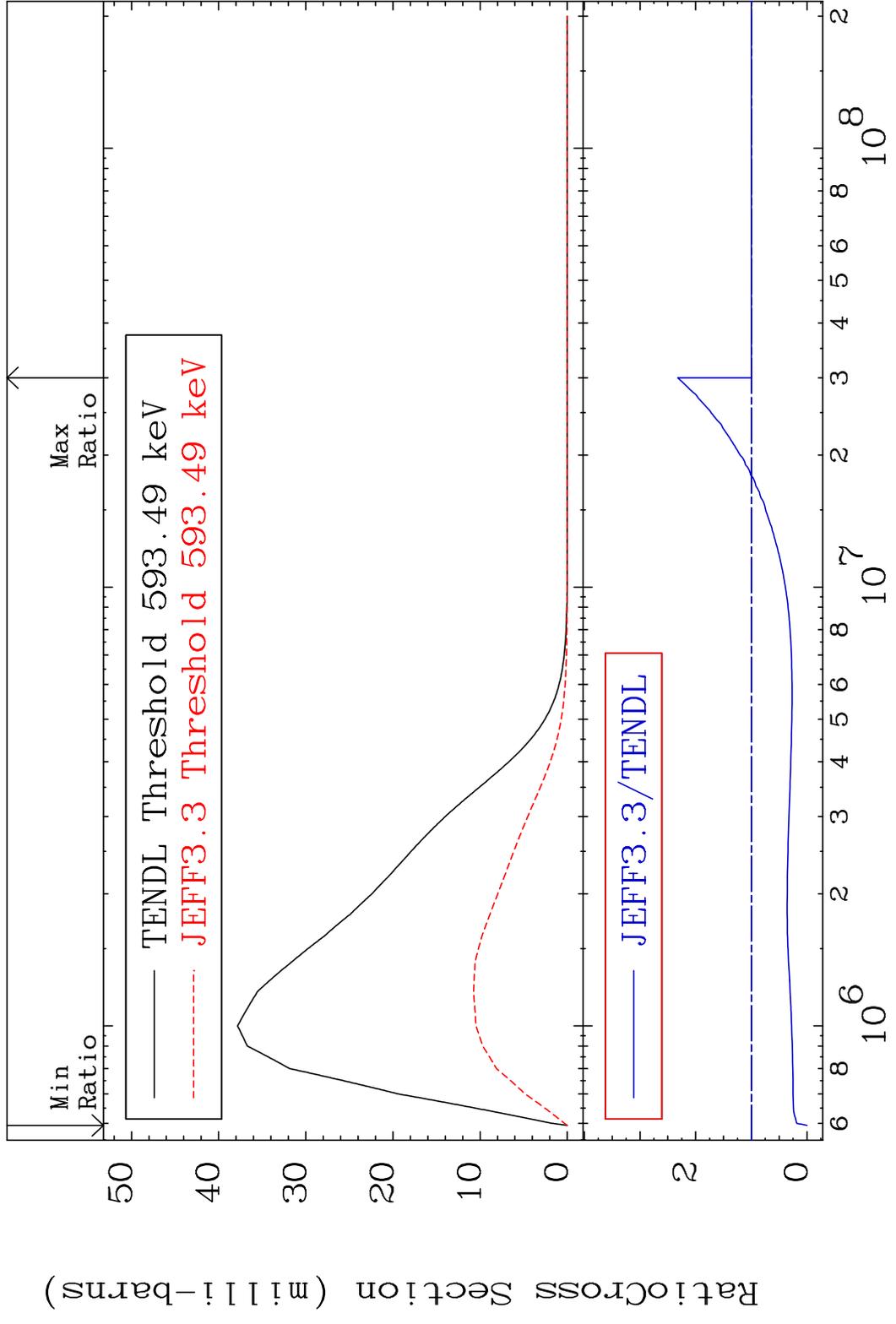
MAT 3440 MT= 57 (n, n') Level 34-Se-79
 Cross Section -48.46 To 354.7 %



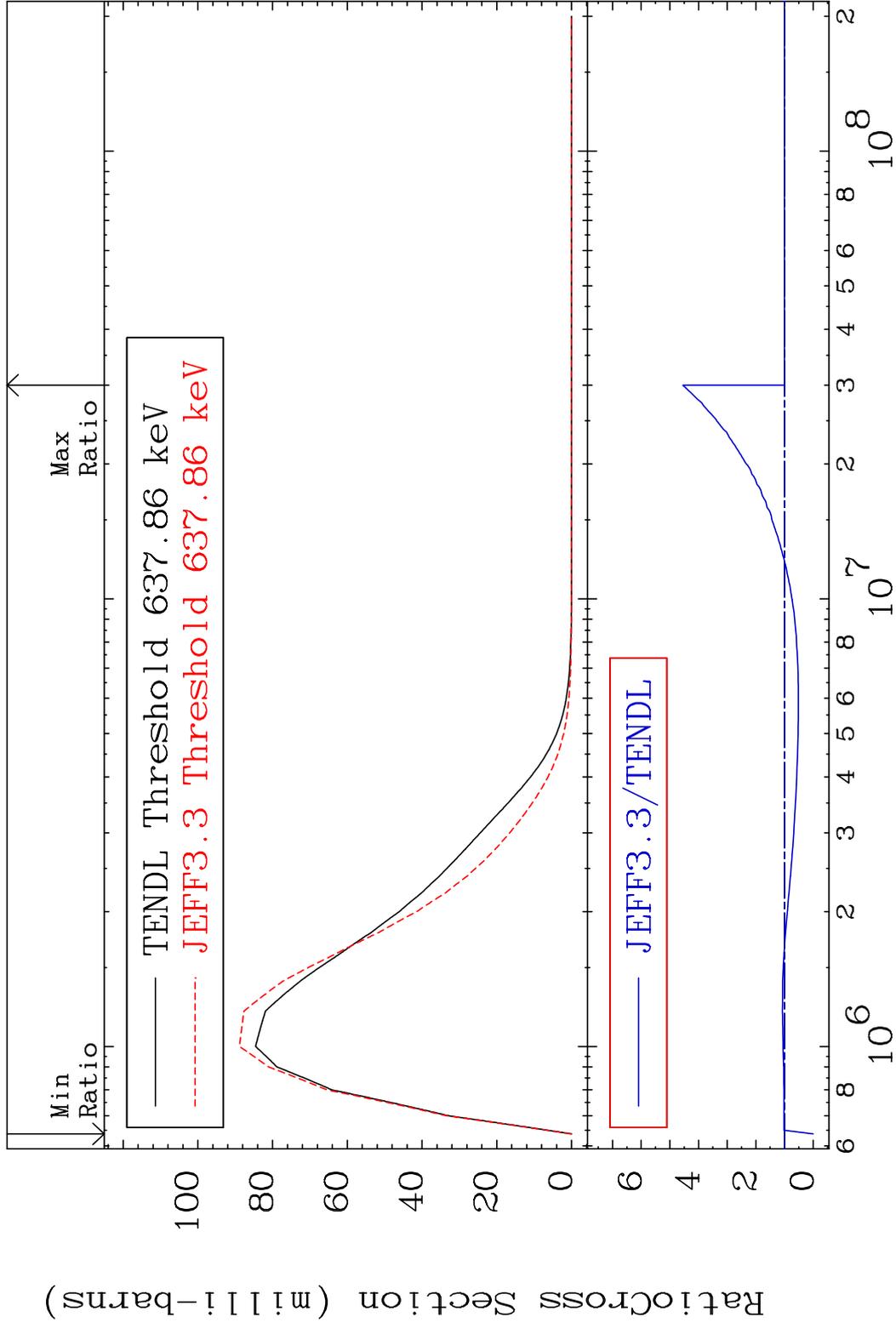
MAT 3440 MT= 58 (n,n') Level 34-Se-79
 Cross Section -48.40 To 354.6 %



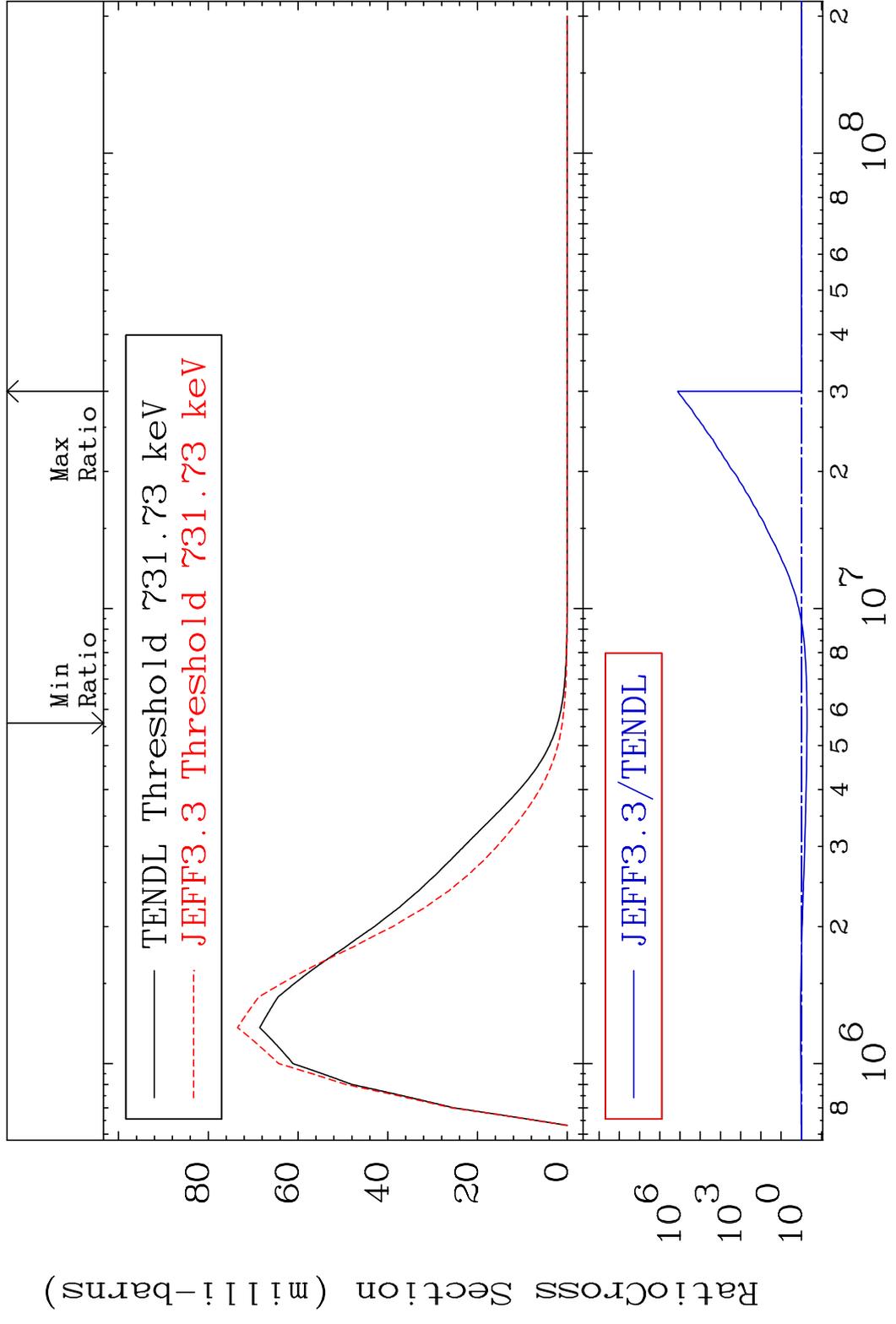
MAT 3440 MT= 59 (n, n') Level 34-Se-79
 Cross Section -100.0 To 132.3 %



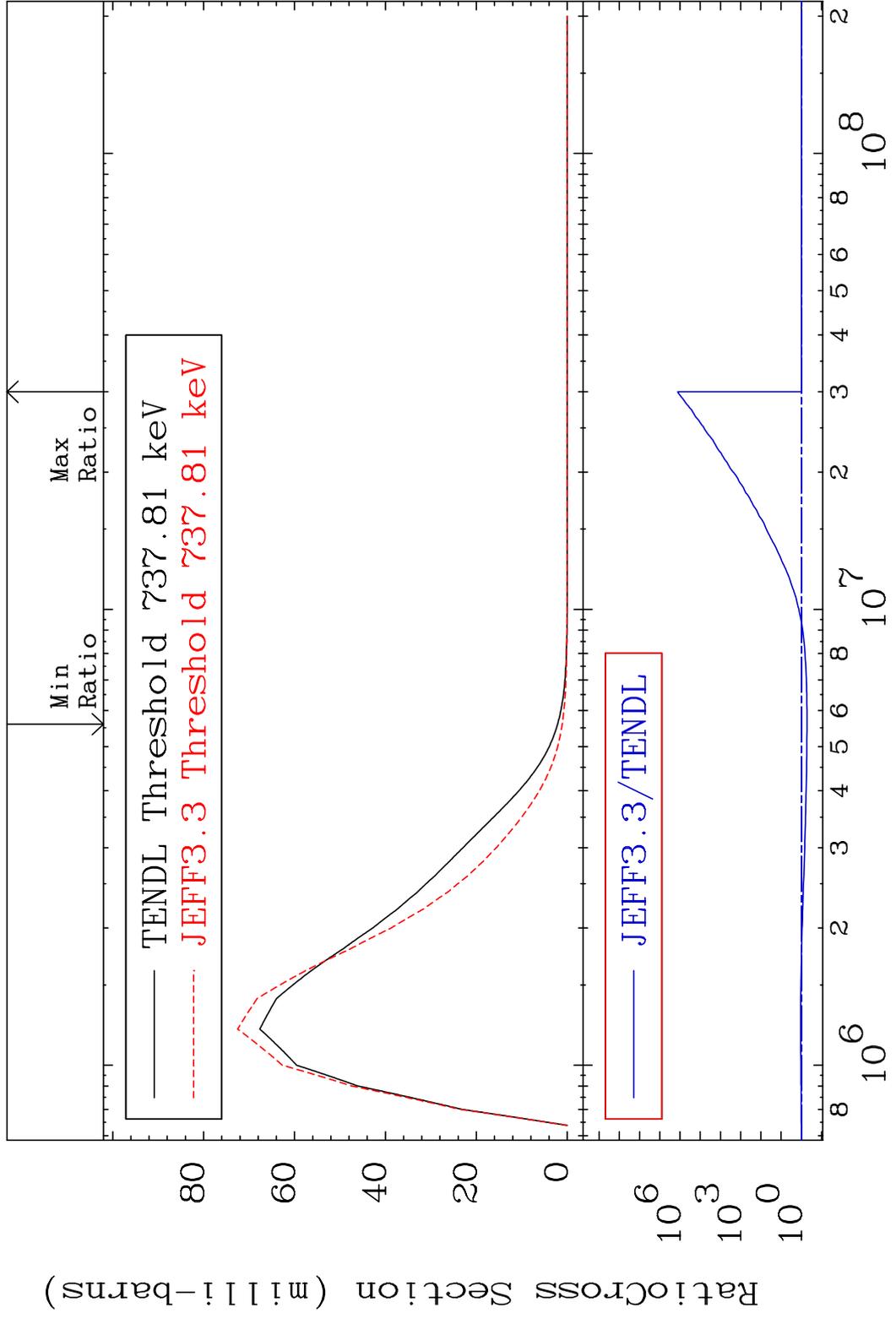
MAT 3440 MT= 60 (n, n') Level 34-Se-79
 Cross Section -100.0 To 354.7 %



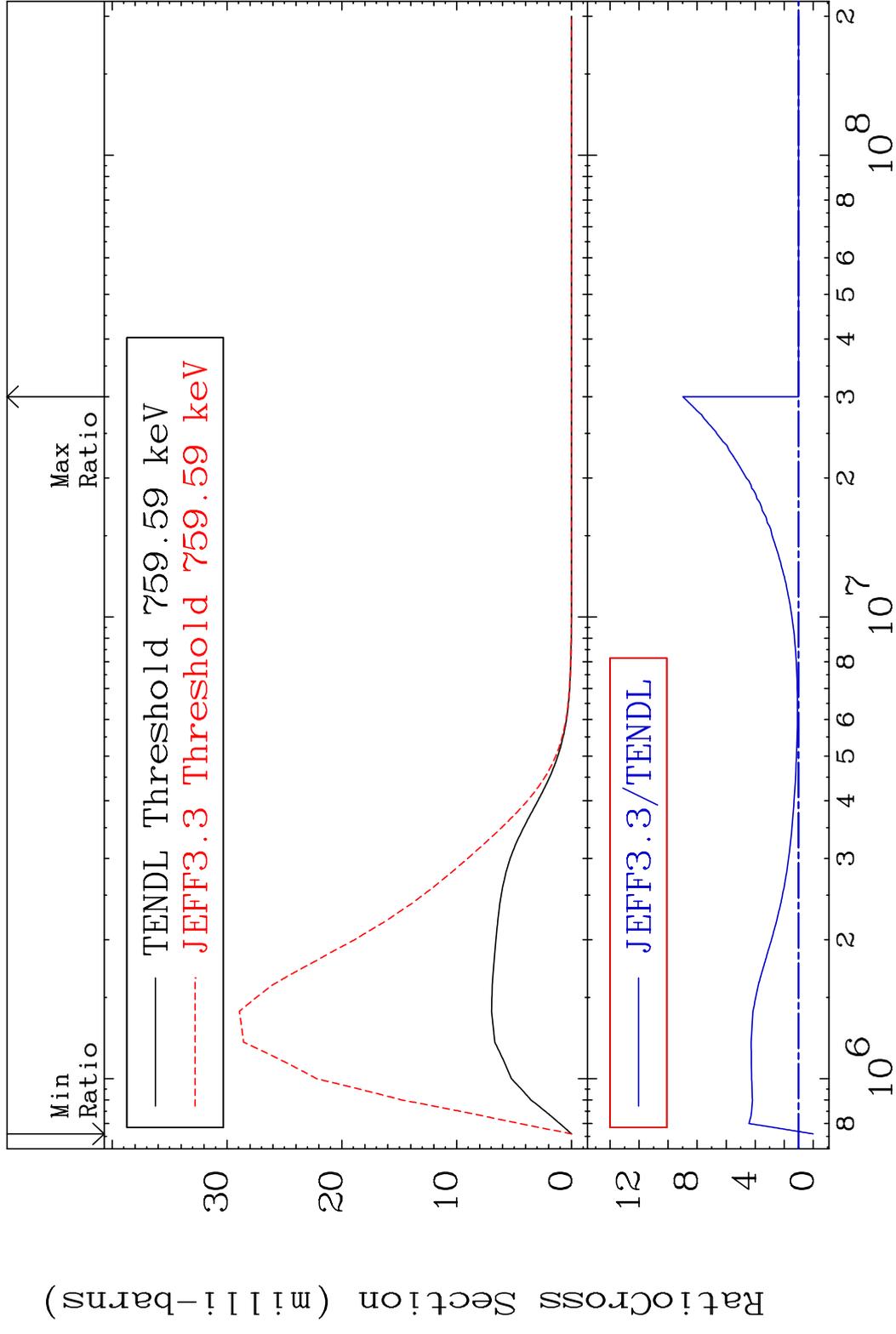
MAT 3440 MT= 61 (n, n') Level 34-Se-79
 Cross Section -47.77 To 9999. %



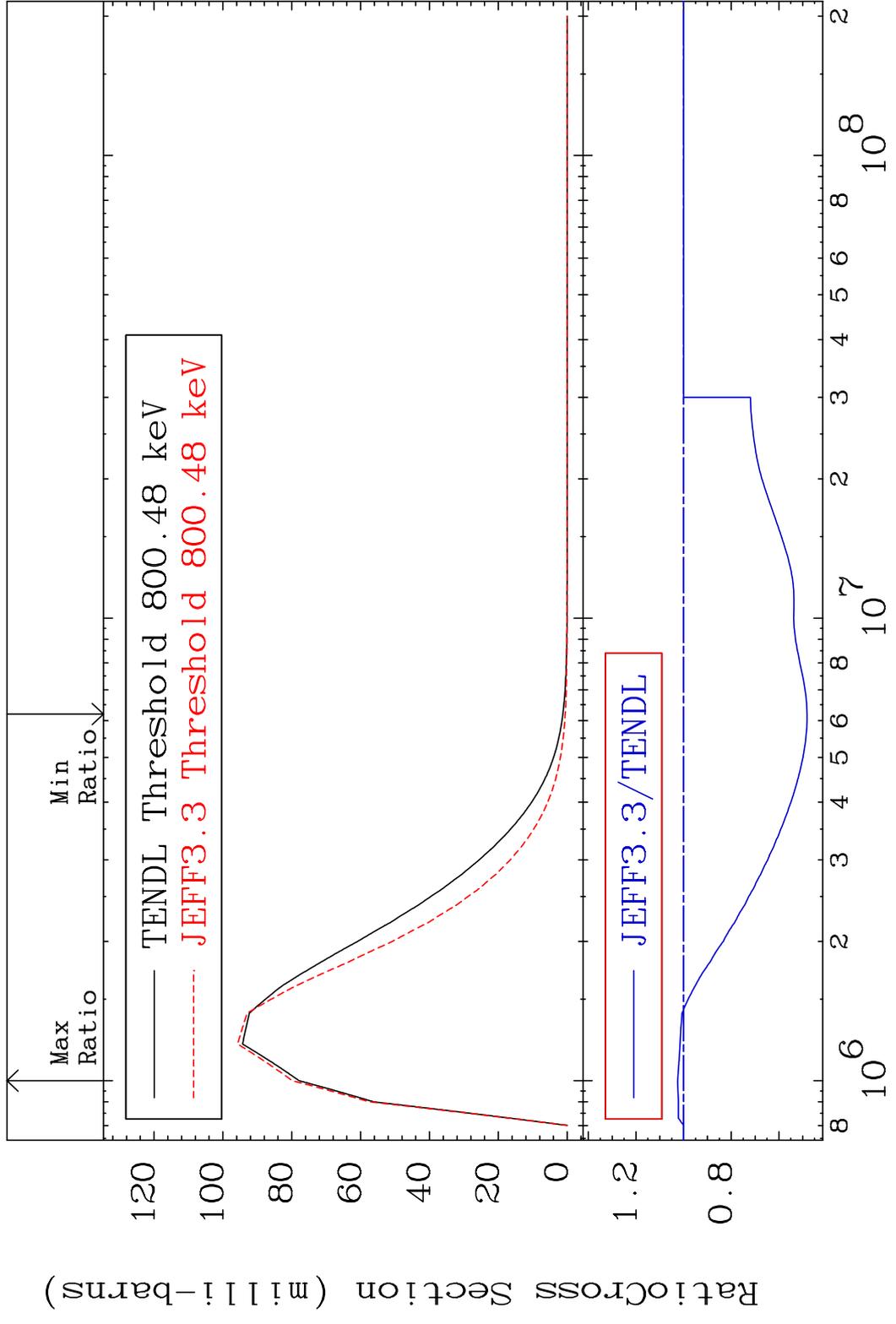
MAT 3440 MT= 62 (n, n') Level 34-Se-79
 Cross Section -47.77 To 9999. %



MAT 3440 MT= 63 (n, n') Level 34-Se-79
 Cross Section -100.0 To 798.5 %

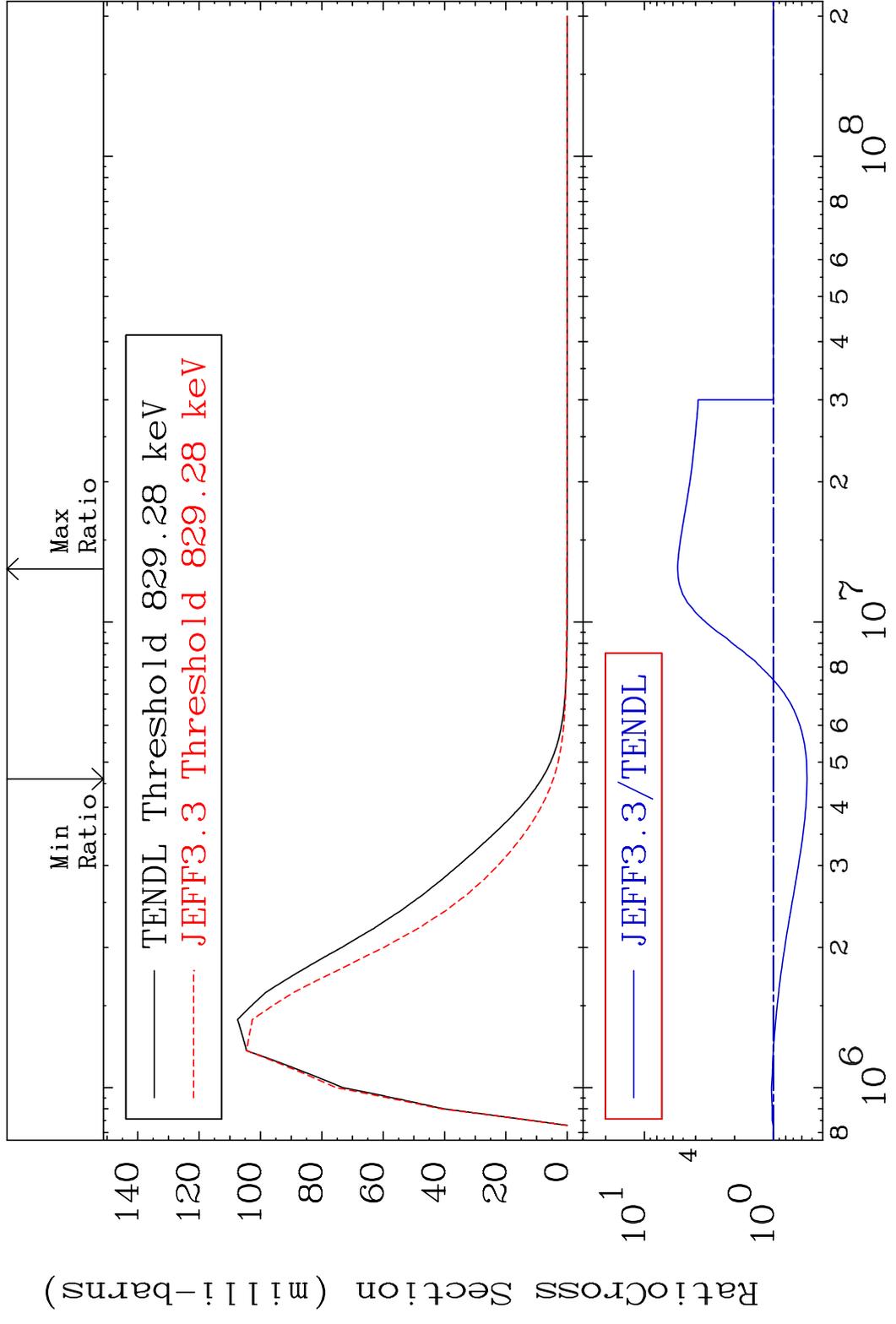


MAT 3440 MT= 64 (n,n') Level 34-Se-79
 Cross Section -51.79 To 2.499 %

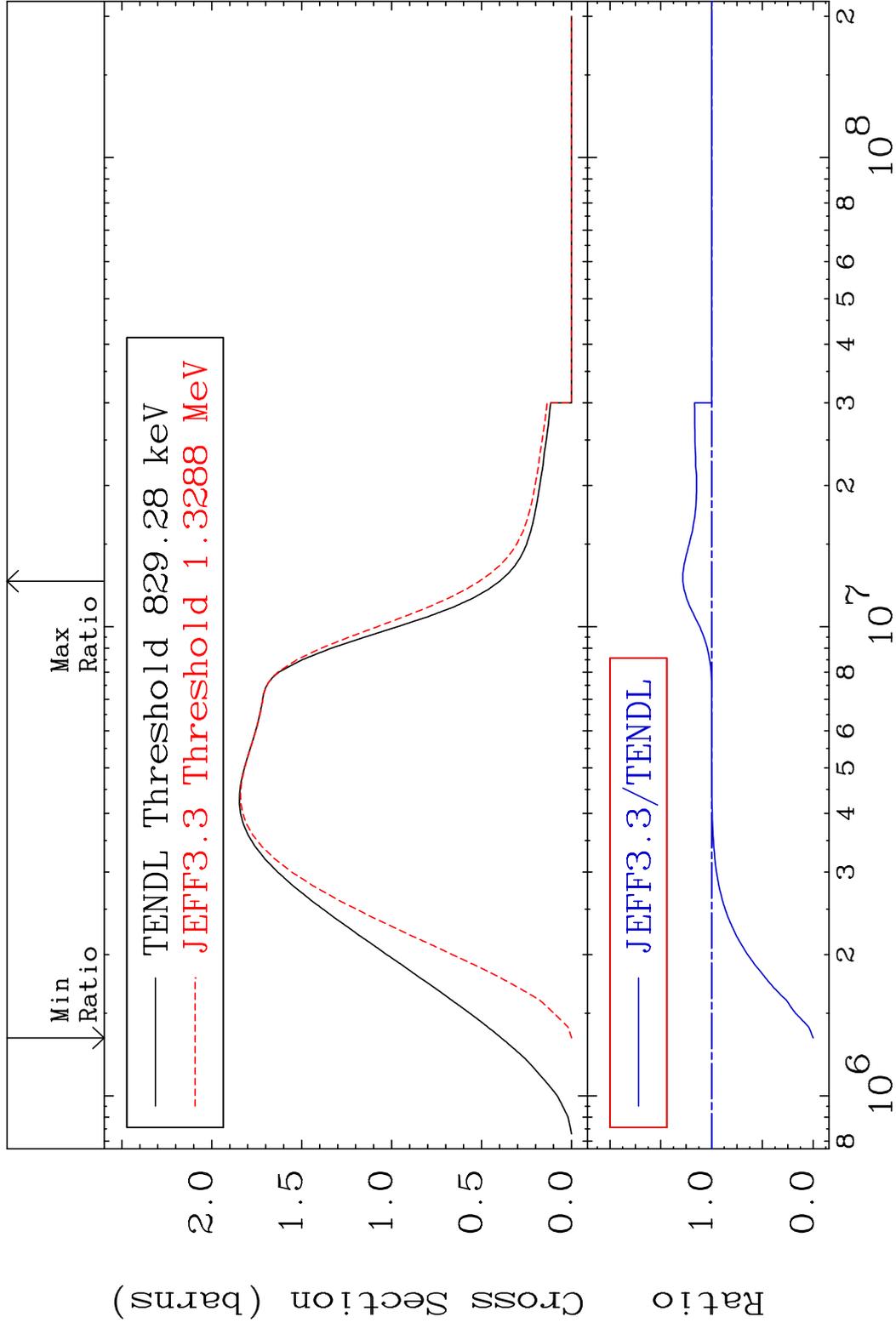


33 Incident Energy (eV) 34-Se-79

MAT 3440 MT= 65 (n, n') Level 34-Se-79
 Cross Section -45.30 To 451.9 %



MAT 3440 (n, n') Continuum 34-Se-79
 Cross Section -100.0 To 28.29 %

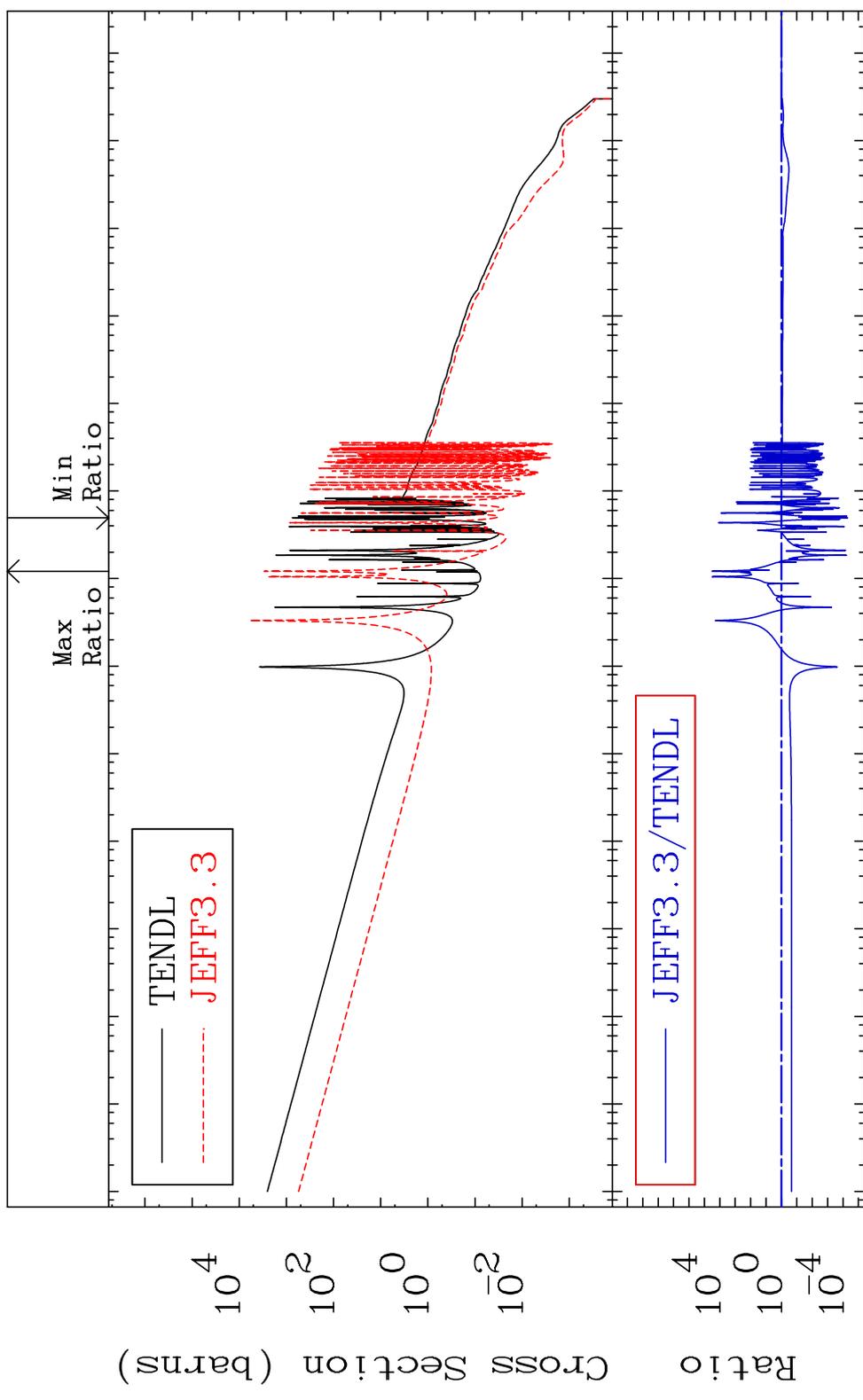


MAT 3440

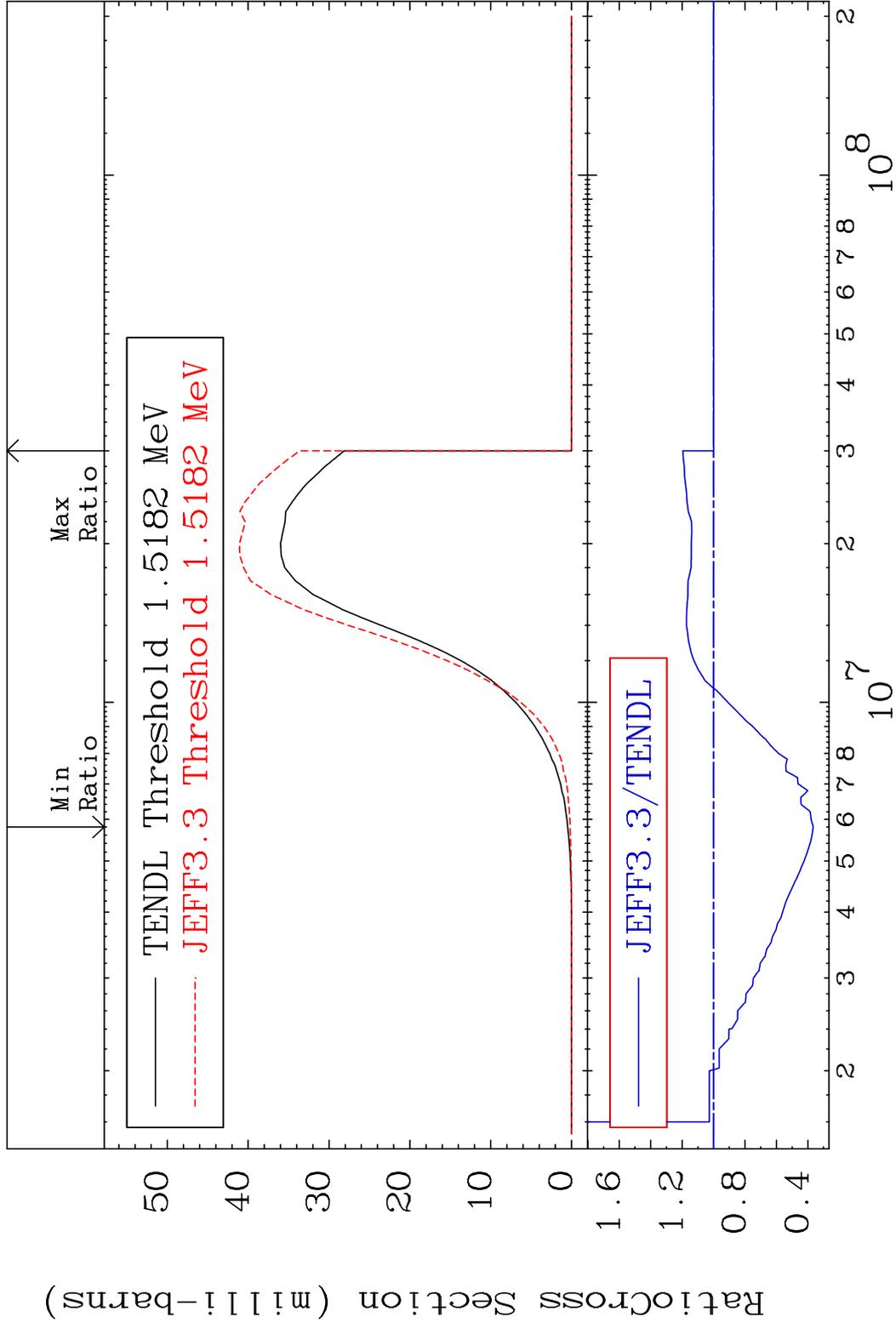
(n, γ)

34-Se-79

Cross Section -99.99 To 9999. %



MAT 3440 (n, p) Cross Section -63.37 To 19.56 % 34-Se-79

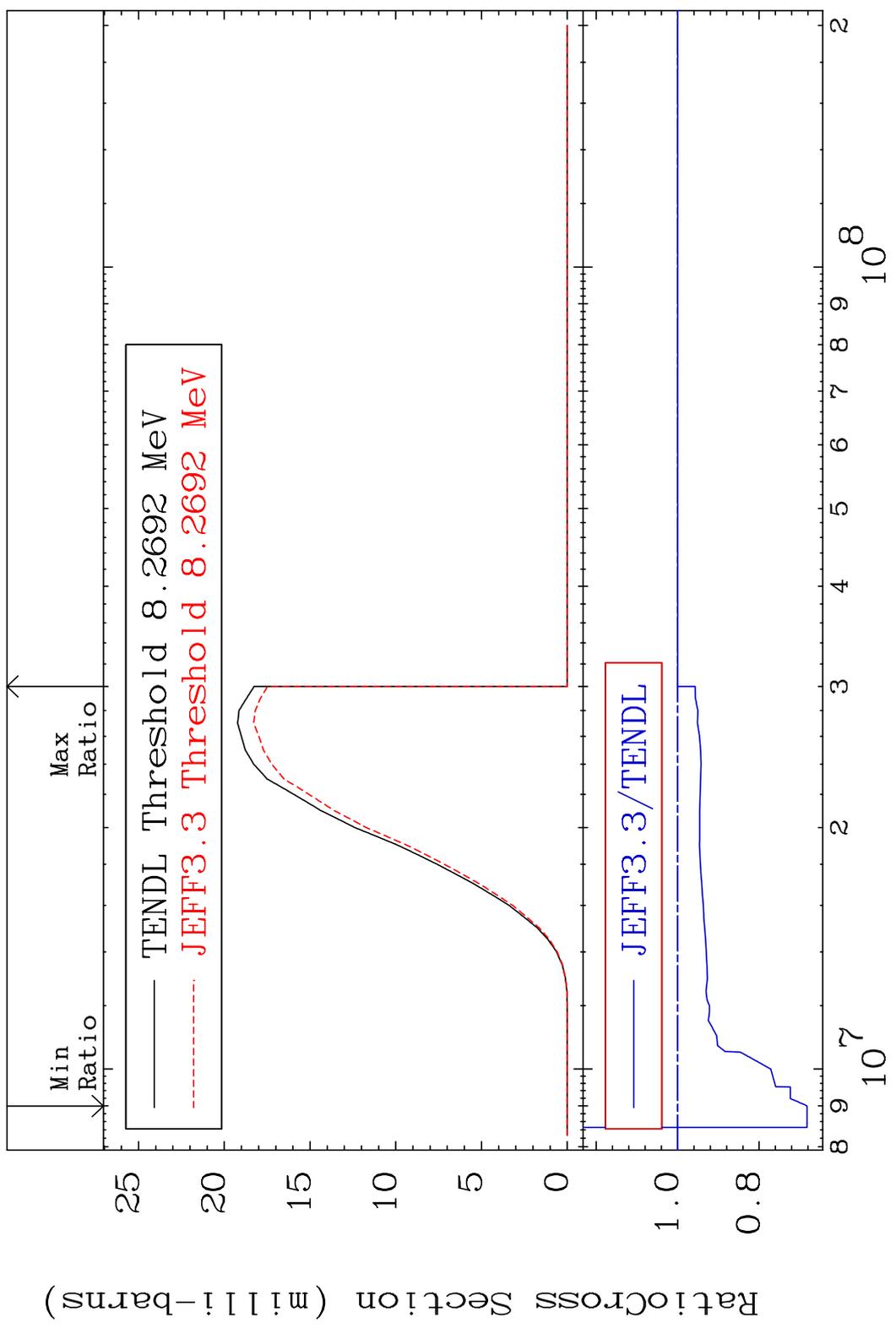


MAT 3440

(n,d)

34-Se-79

Cross Section -31.75 To 0.000 %



38

Incident Energy (eV)

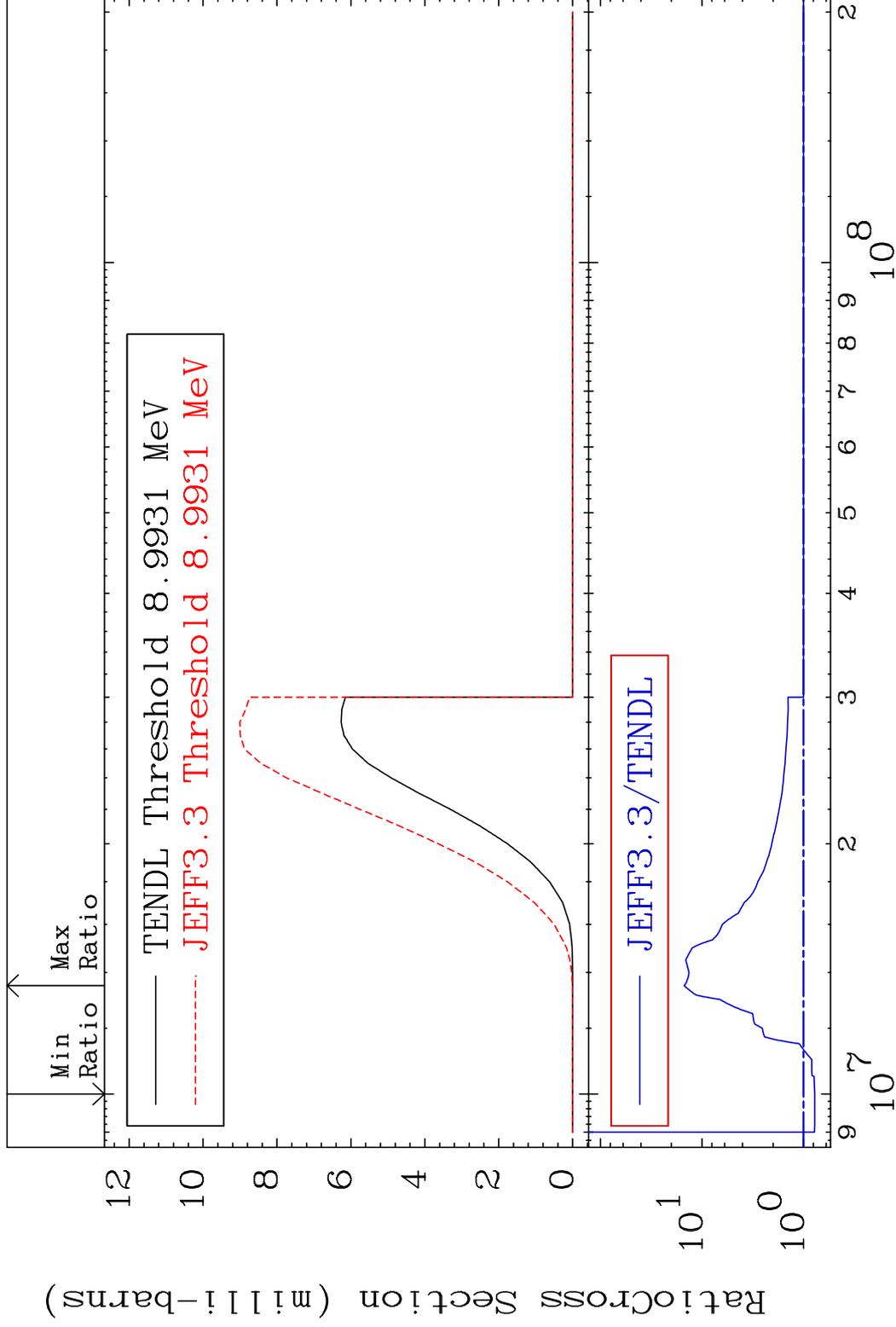
34-Se-79

MAT 3440

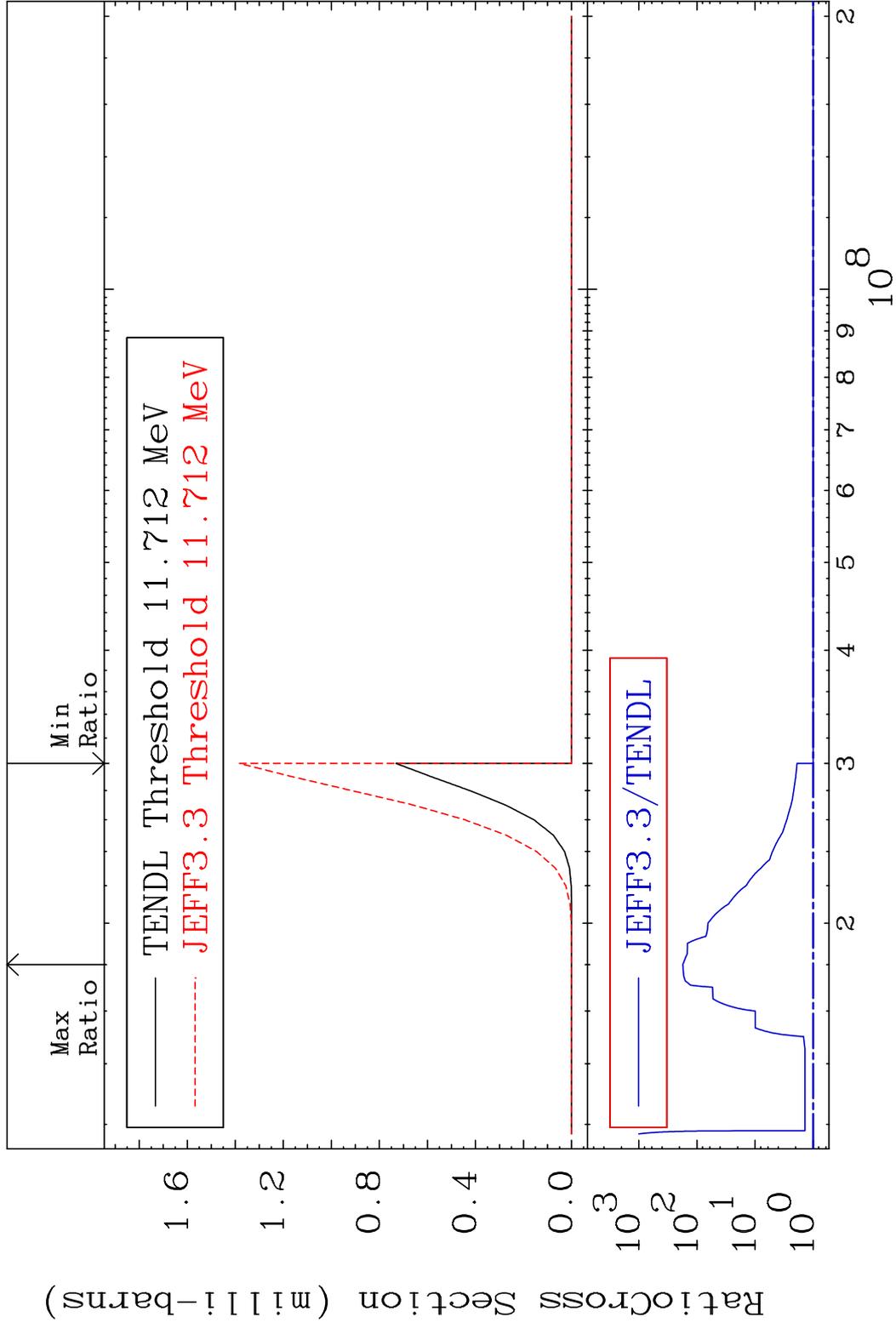
(n, t)

34-Se-79

Cross Section -22.24 To 1401. %



MAT 3440 (n, He-3) 34-Se-79
 Cross Section 0.000 To 9999. %



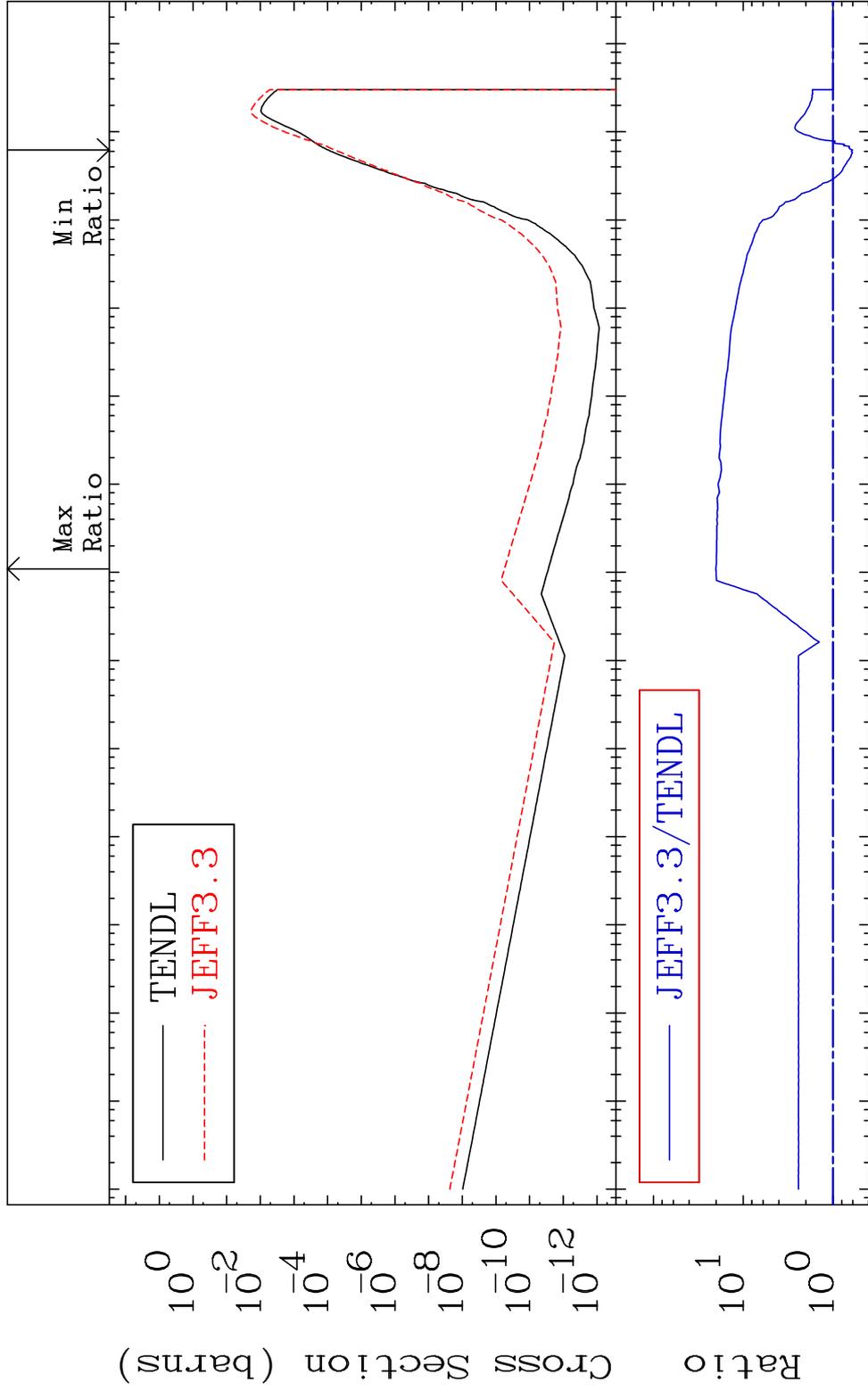
40 Incident Energy (eV) 34-Se-79

MAT 3440

34-Se-79

(n, α)

Cross Section -39.41 To 1917. %



Incident Energy (eV)

41

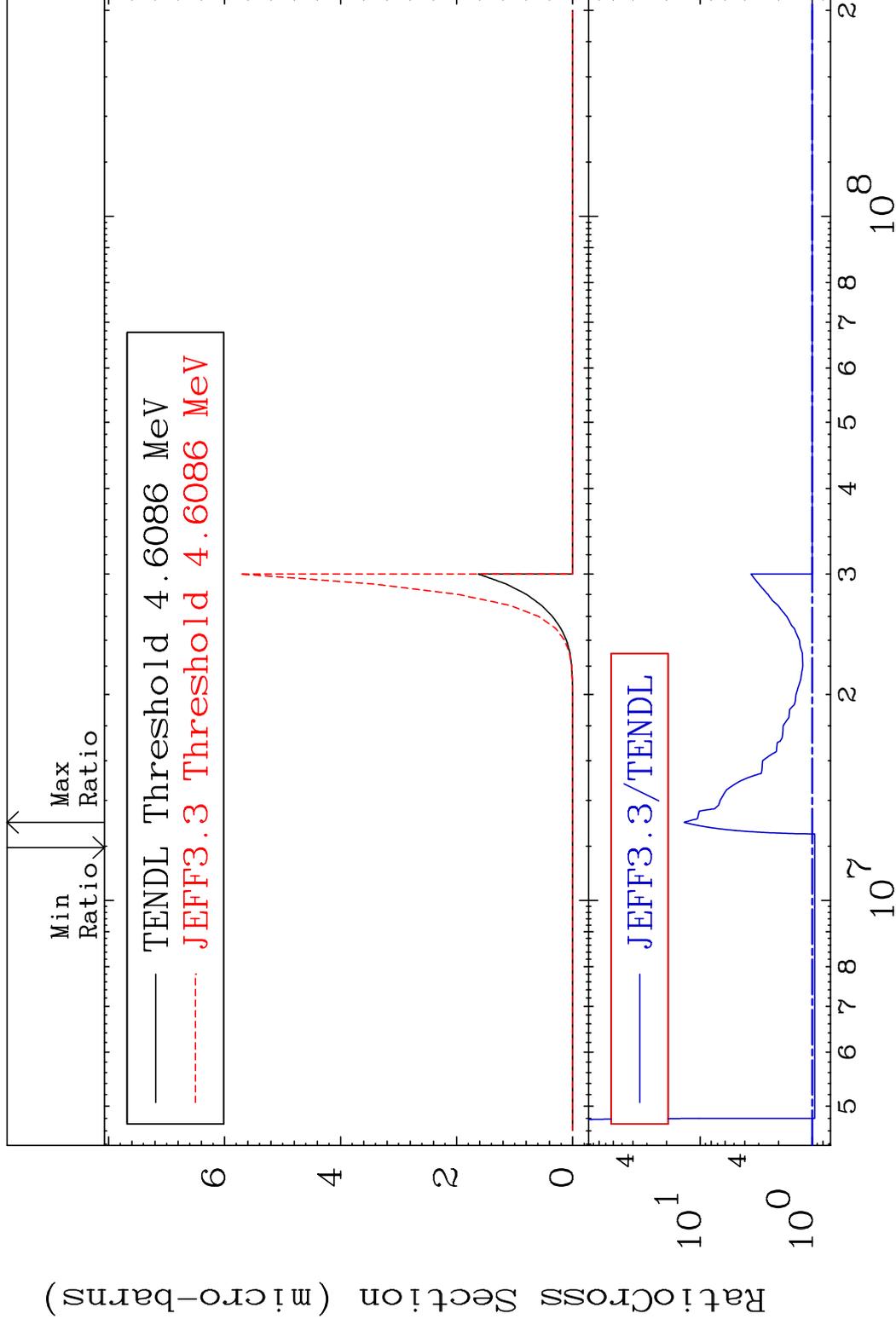
34-Se-79

MAT 3440

(n,2α)

34-Se-79

Cross Section -4.997 To 1294. %



42

Incident Energy (eV)

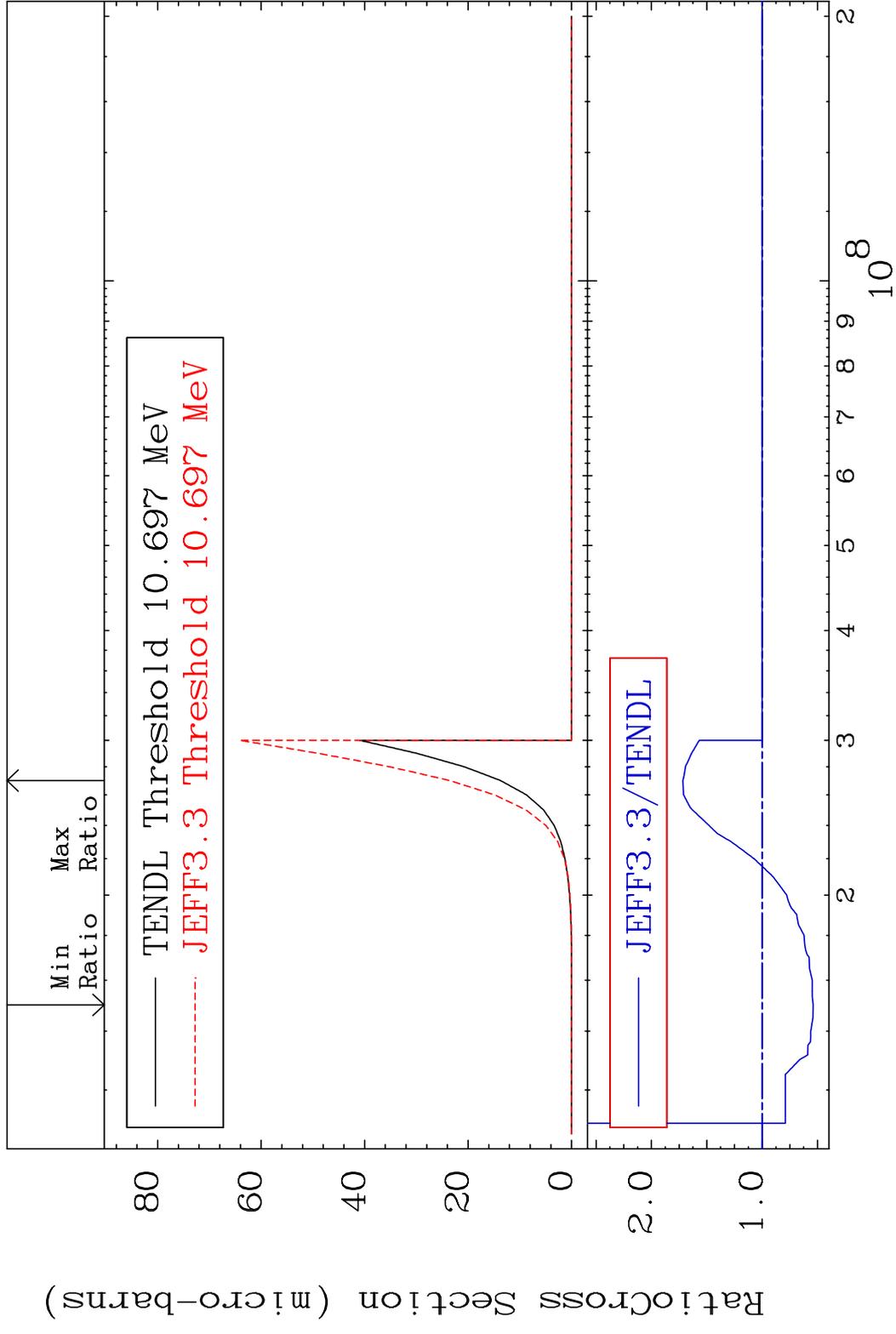
34-Se-79

MAT 3440

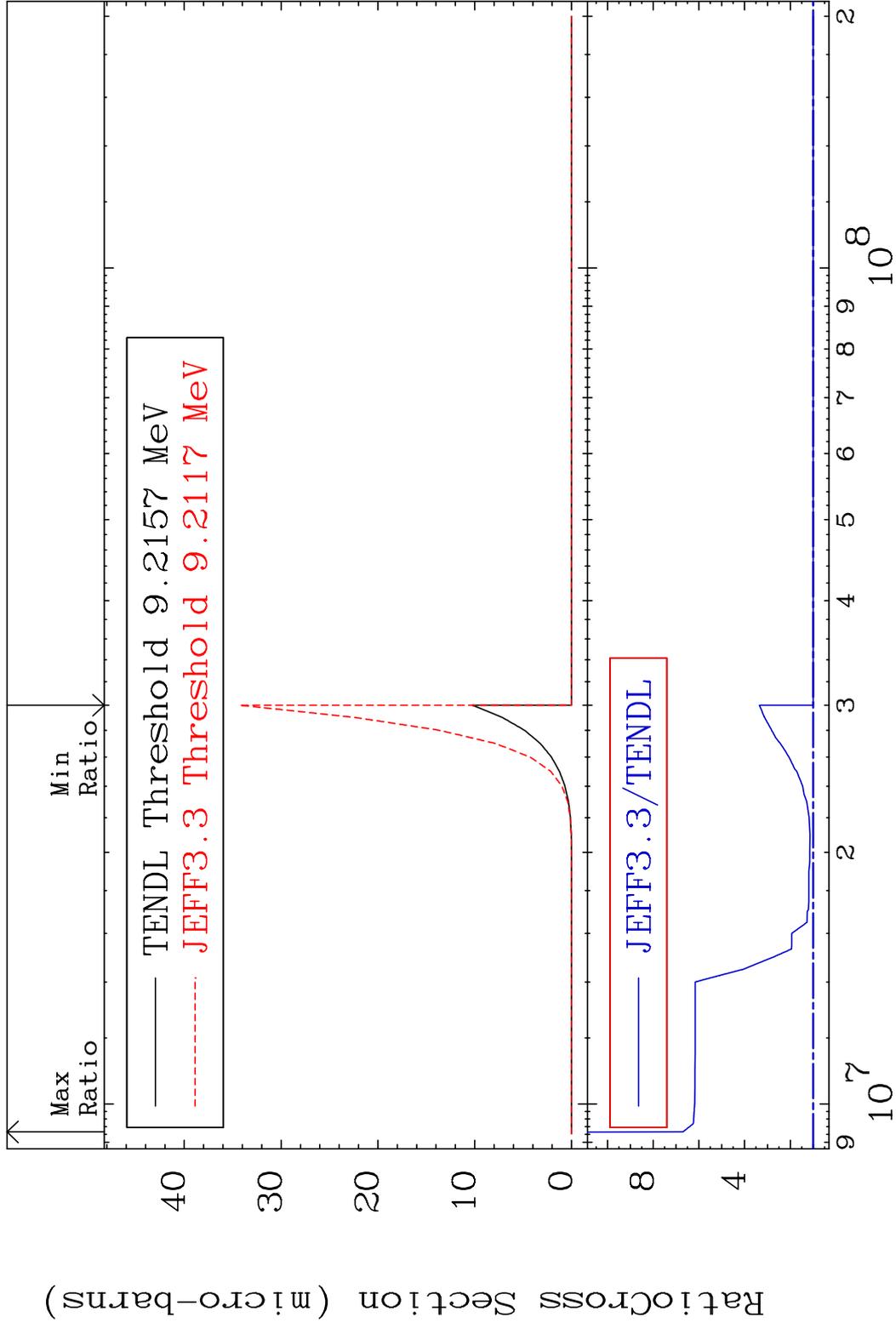
(n,2p)

³⁴Se-79

Cross Section -46.08 To 71.63 %

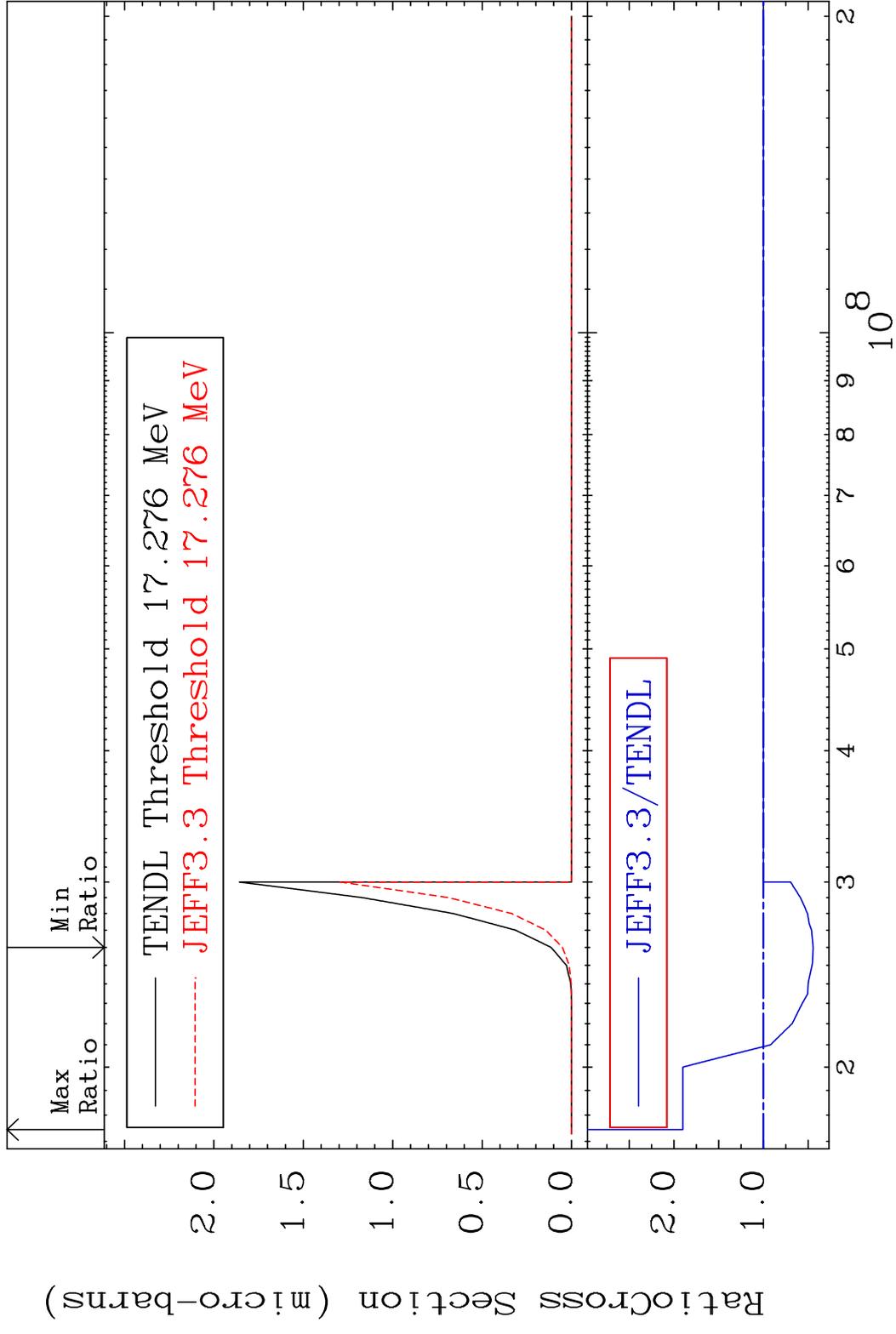


MAT 3440 (n,p) α 34-Se-79
 Cross Section 0.000 To 570.2 %

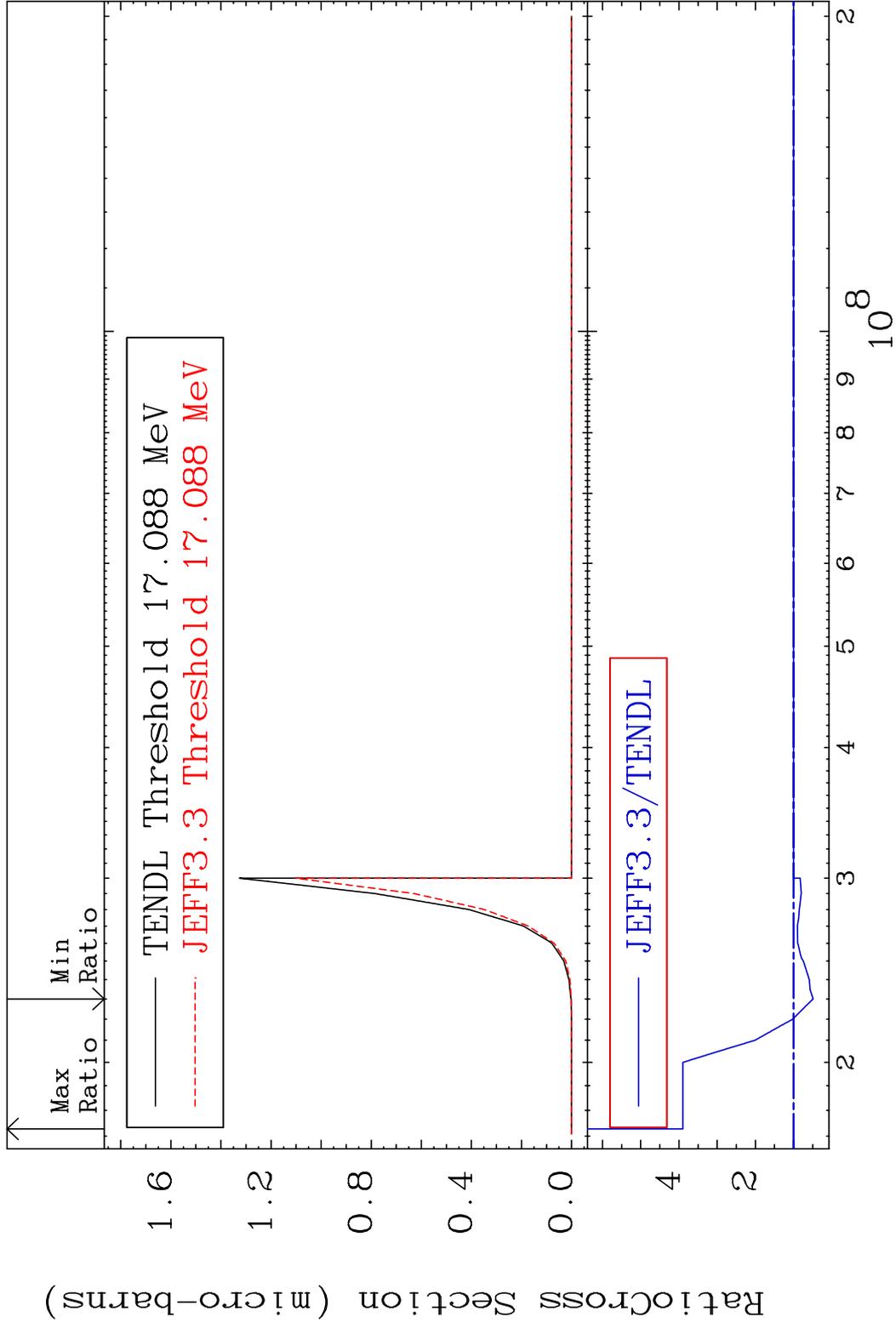


44 34-Se-79

MAT 3440 (n,p) d 34-Se-79
 Cross Section -55.55 To 90.06 %



MAT 3440 (n,p) t 34-Se-79
 Cross Section -51.13 To 289.8 %

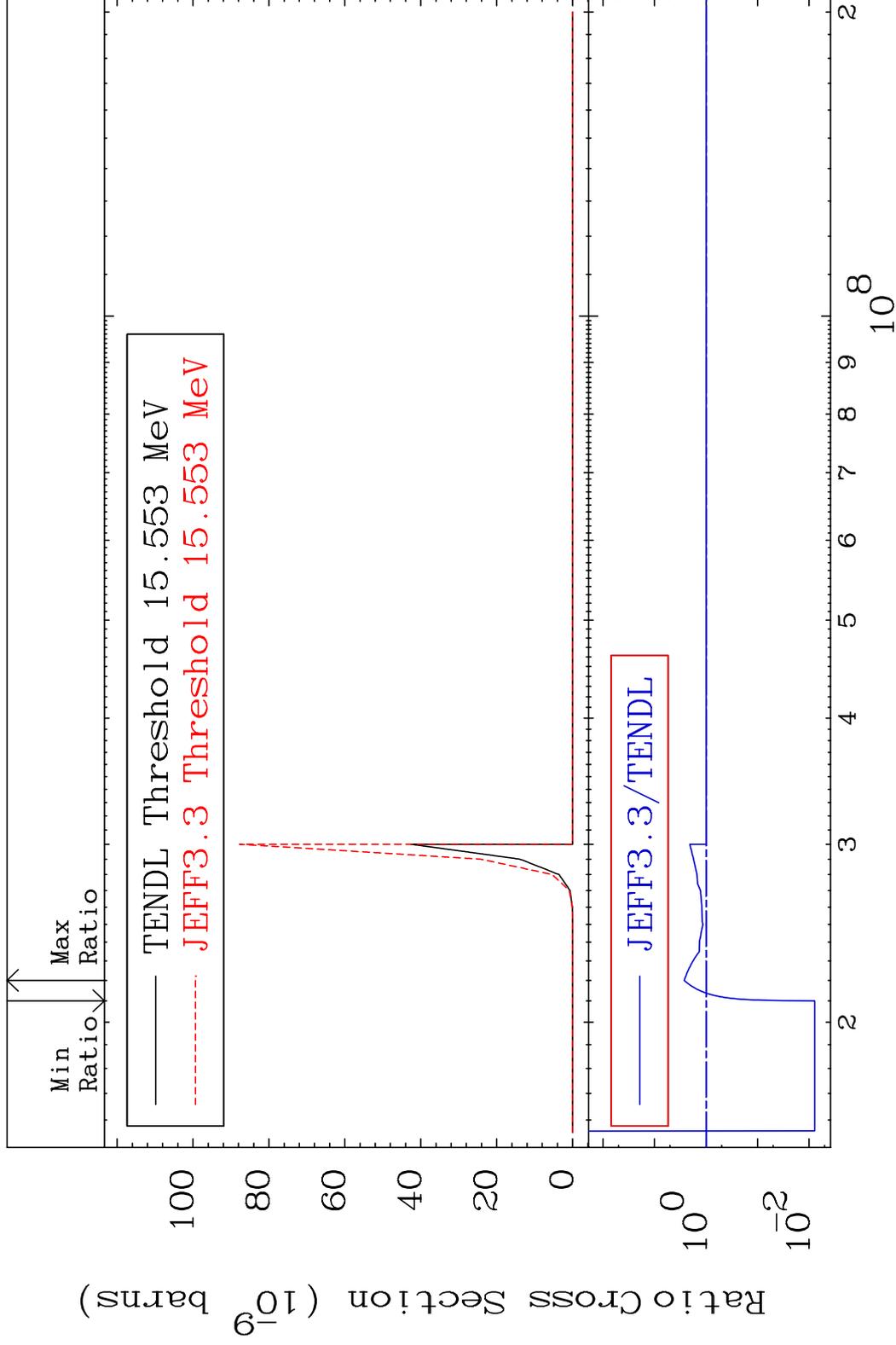


MAT 3440

(n,d) α

34-Se-79

Cross Section -99.22 To 166.4 %



47

Incident Energy (eV)

34-Se-79

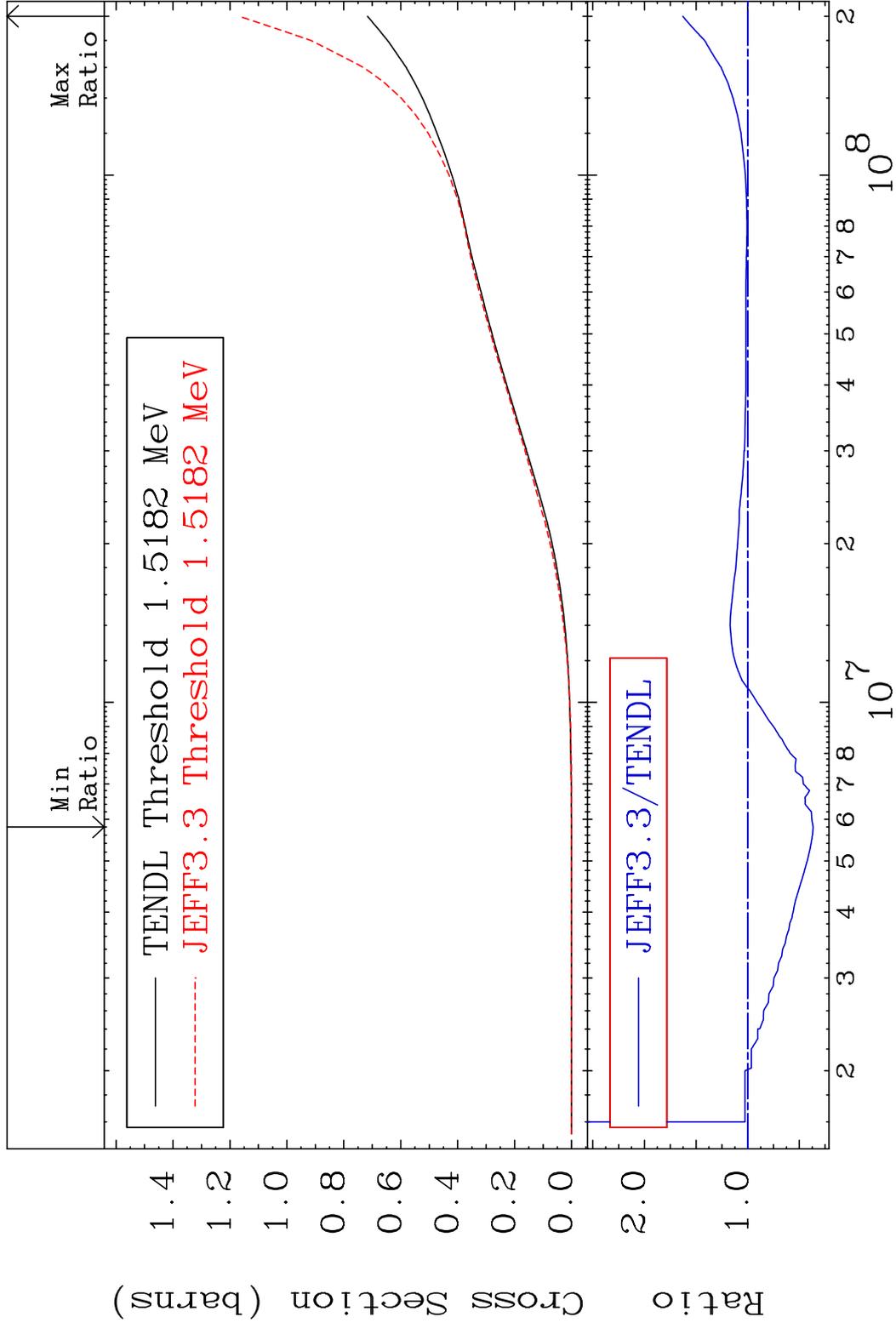
MAT 3440

Hydrogen Production

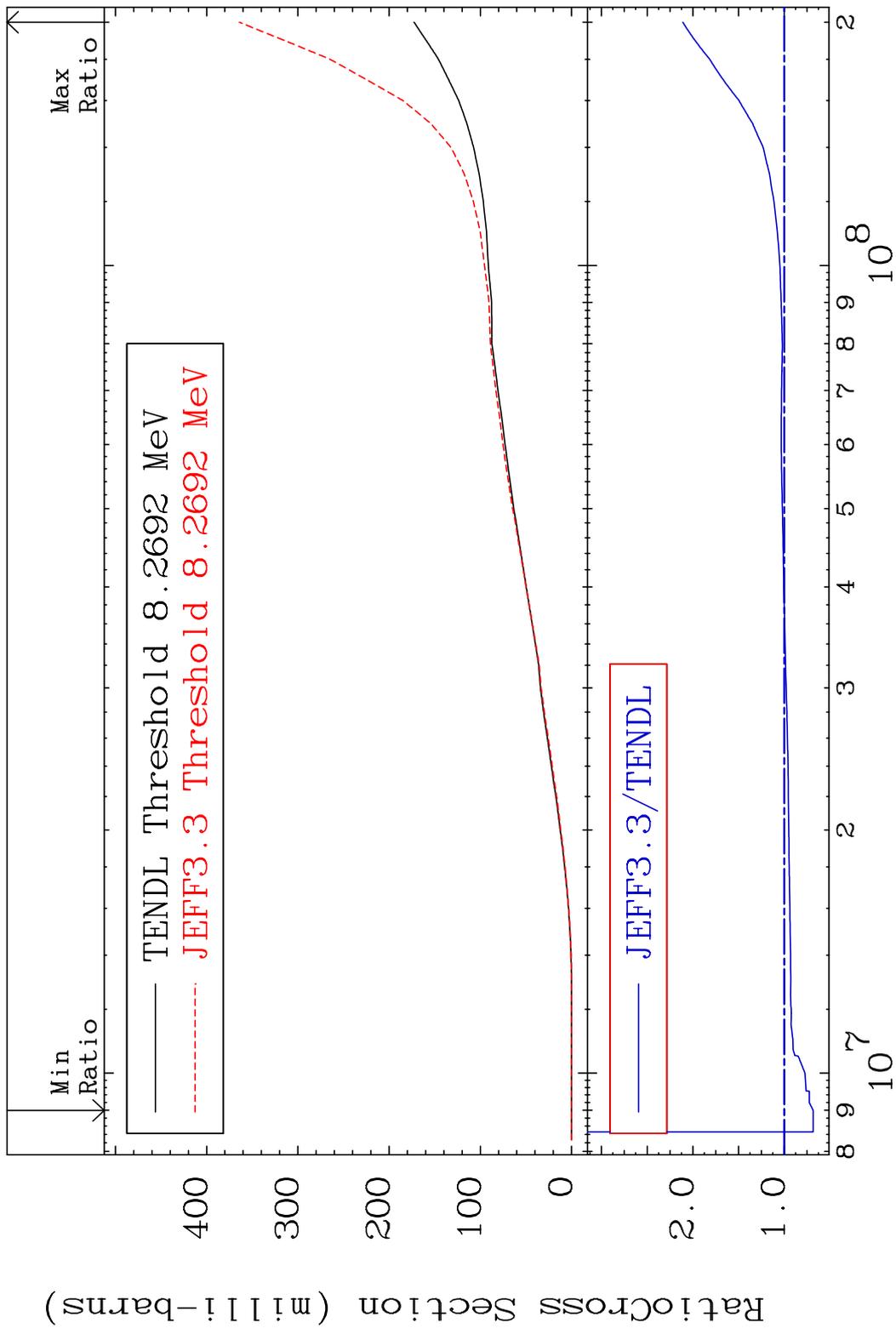
³⁴Se-79

Cross Section

-63.37 To 62.83 %



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



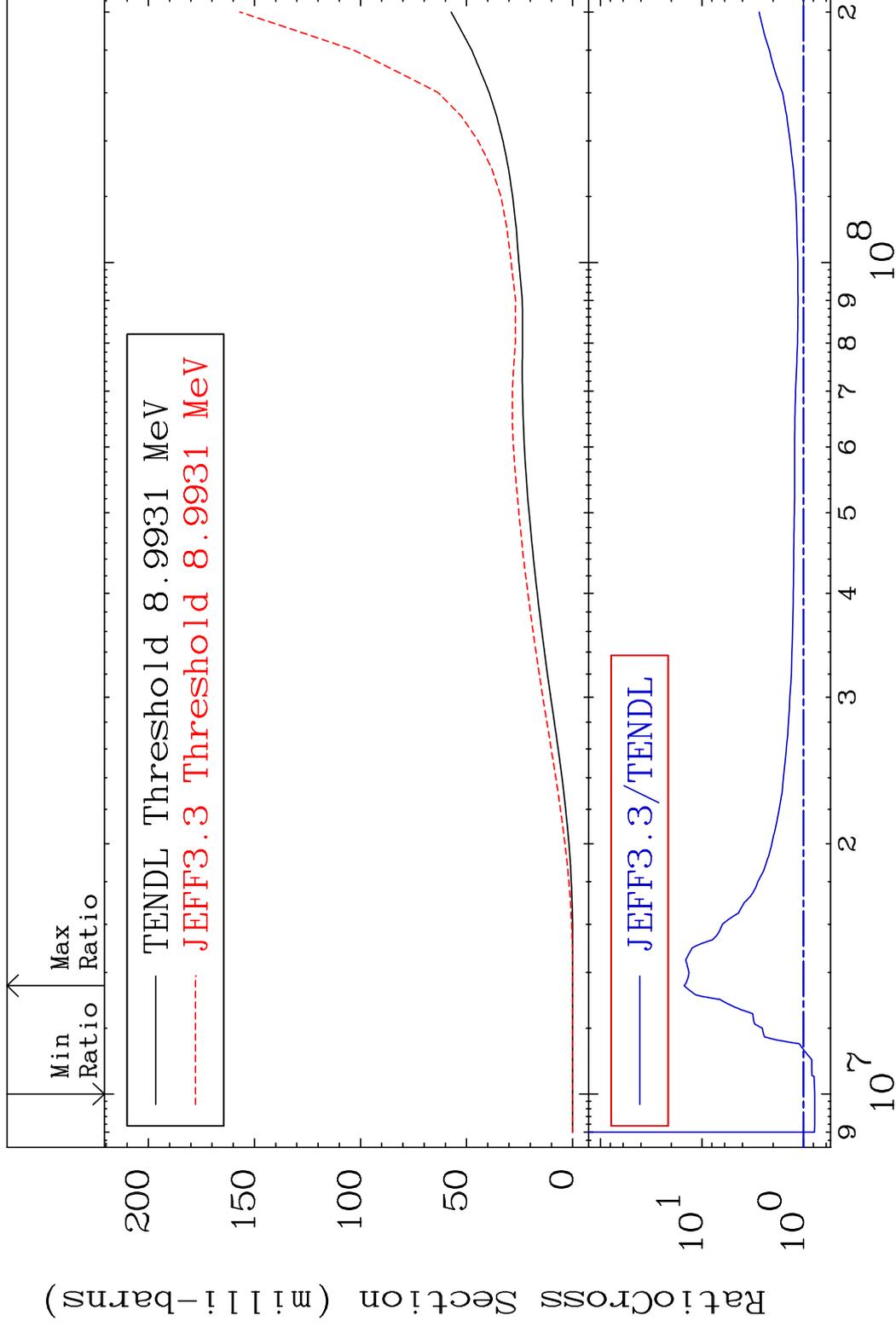
49 Incident Energy (eV) 34-Se-79

MAT 3440

Tritium Production

³⁴Se-79

Cross Section -22.24 To 1401. %

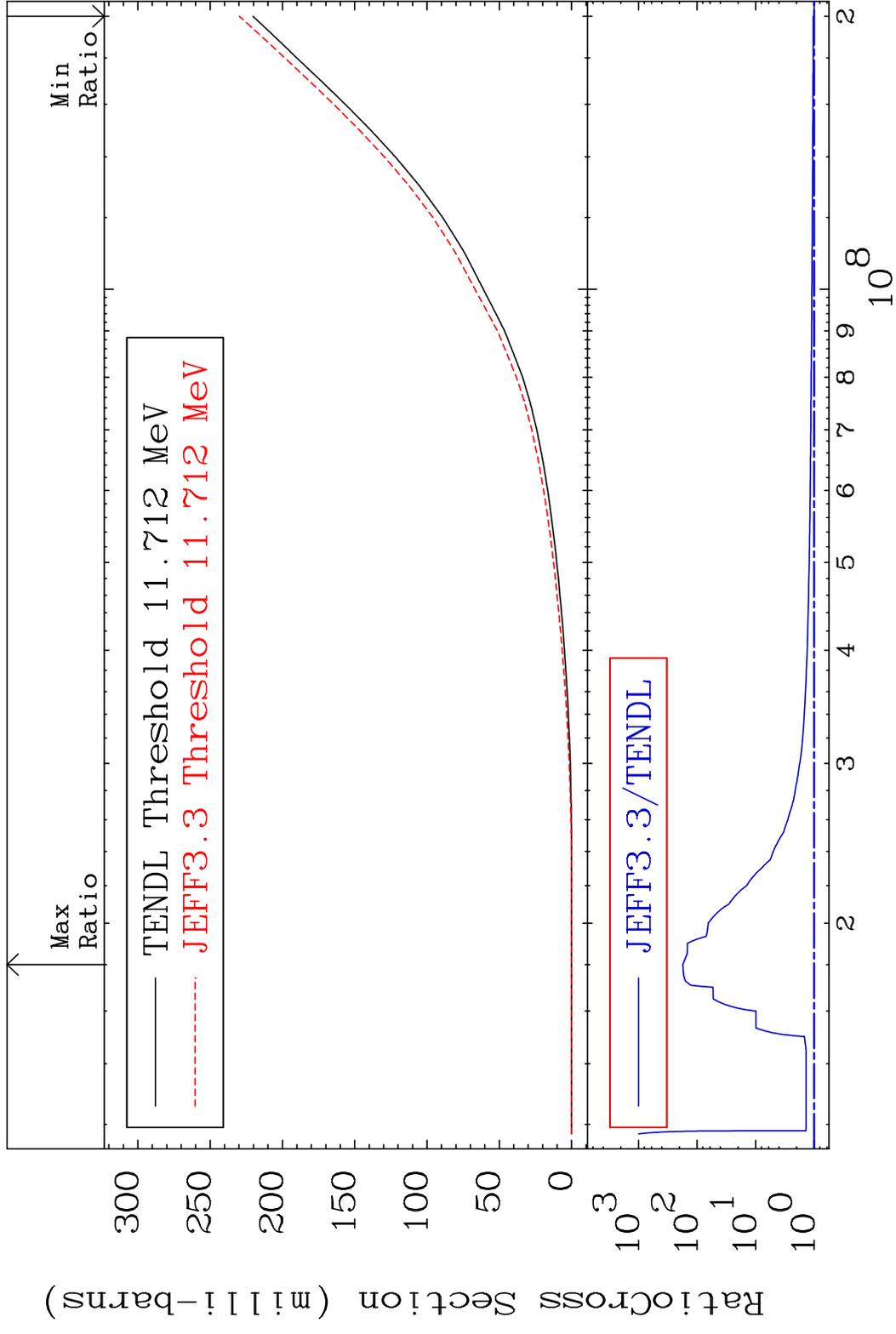


50

Incident Energy (eV)

³⁴Se-79

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

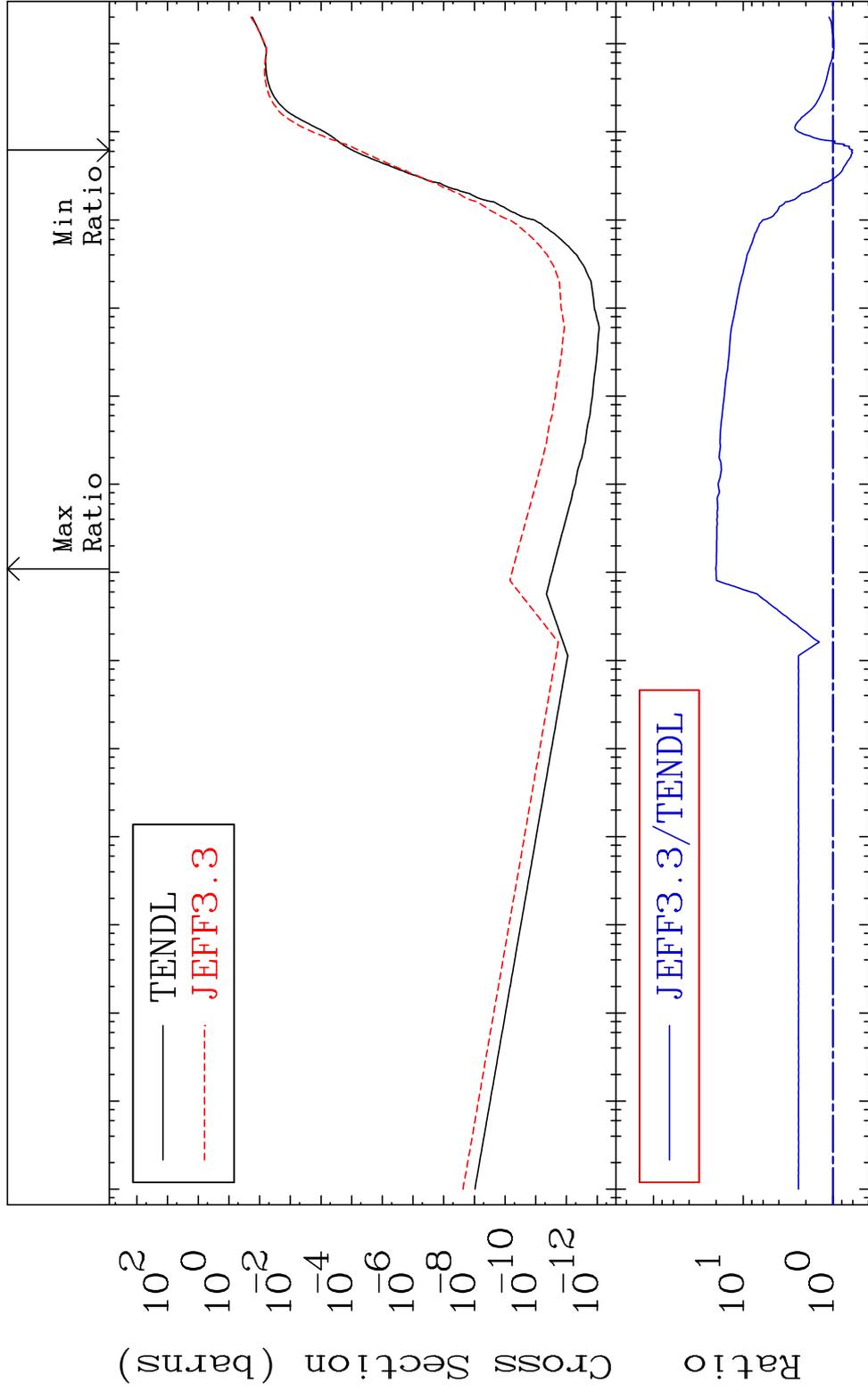


MAT 3440

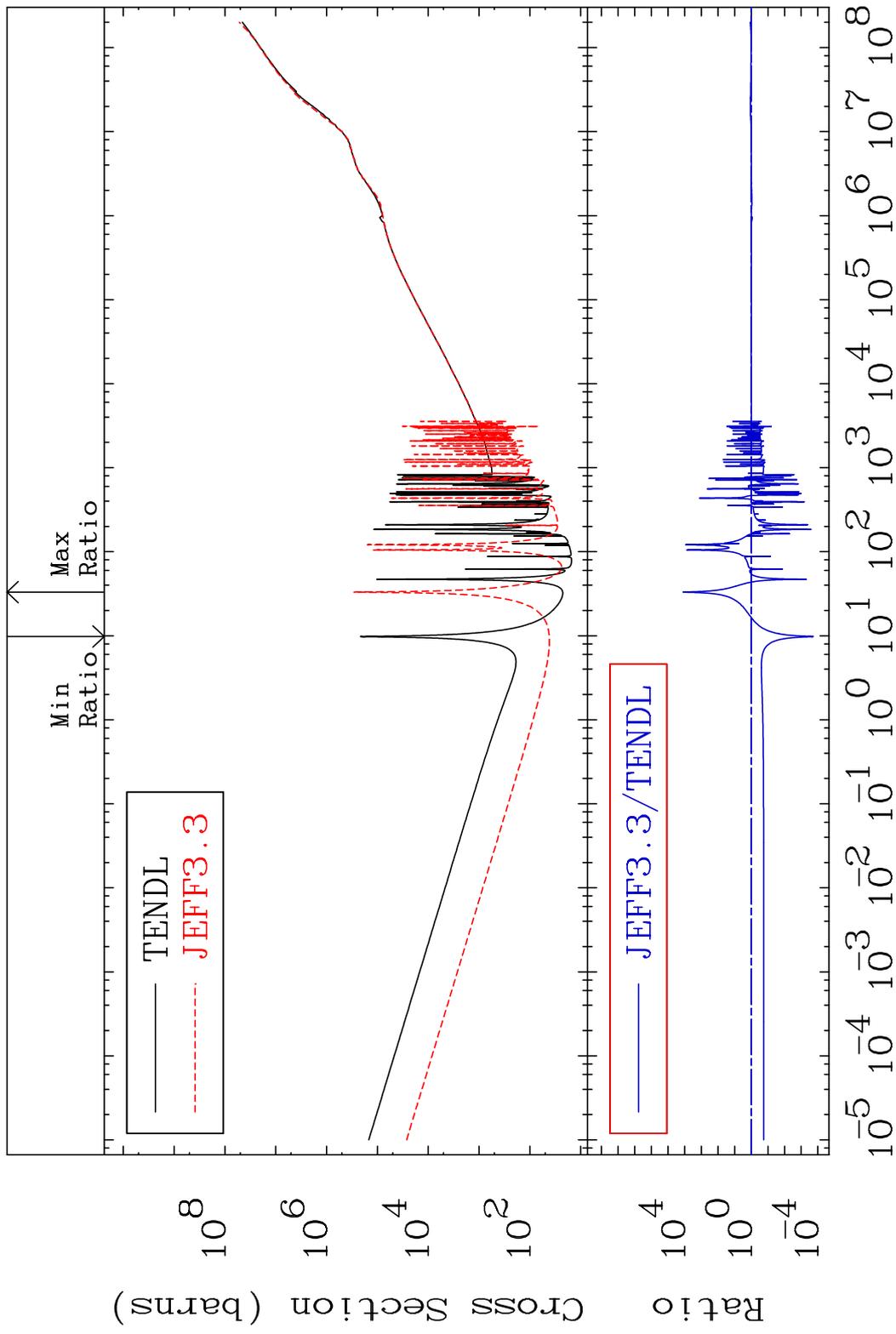
He-4 Production

34-Se-79

Cross Section -39.41 To 1917. %



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

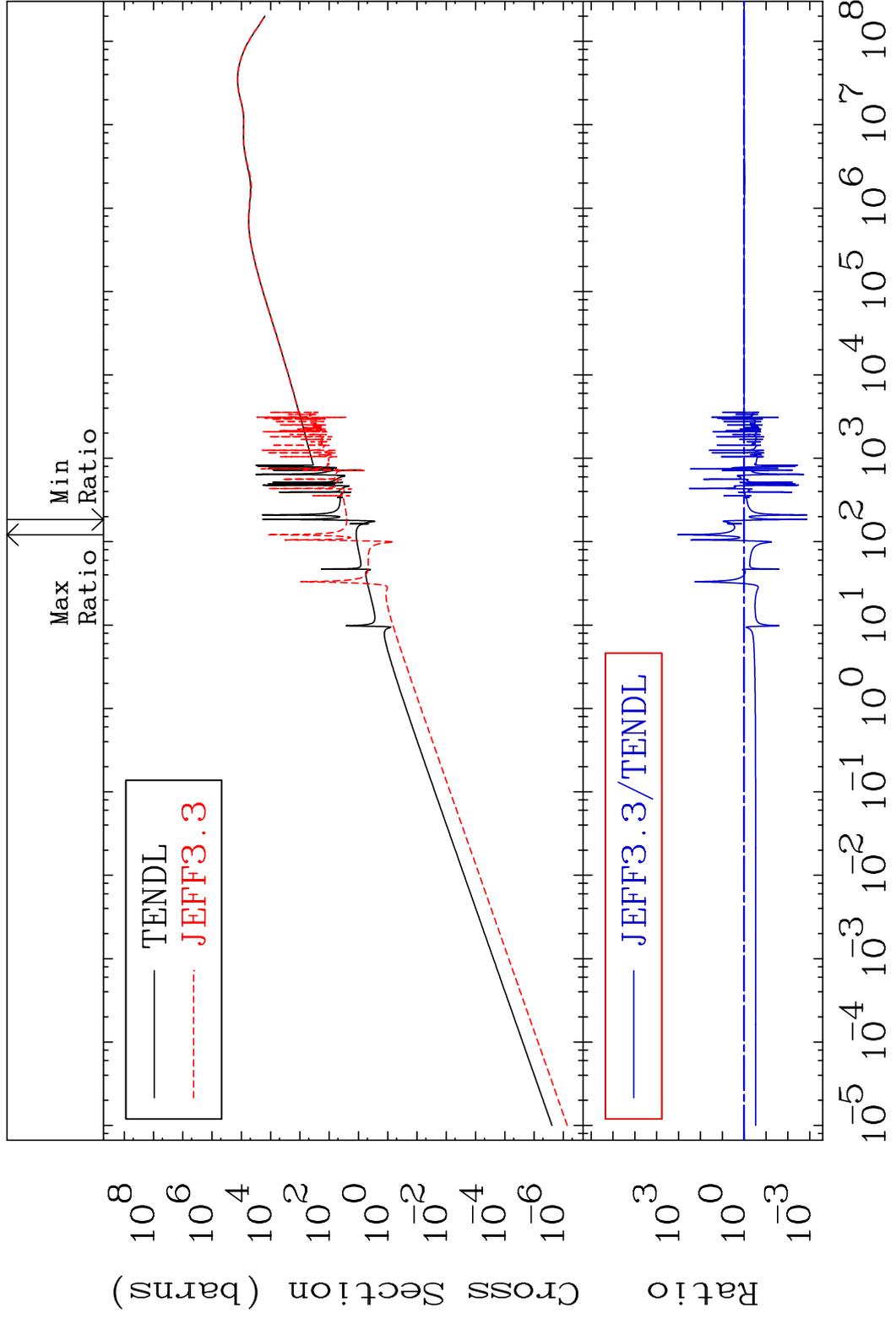


53 Incident Energy (eV) 34-Se-79

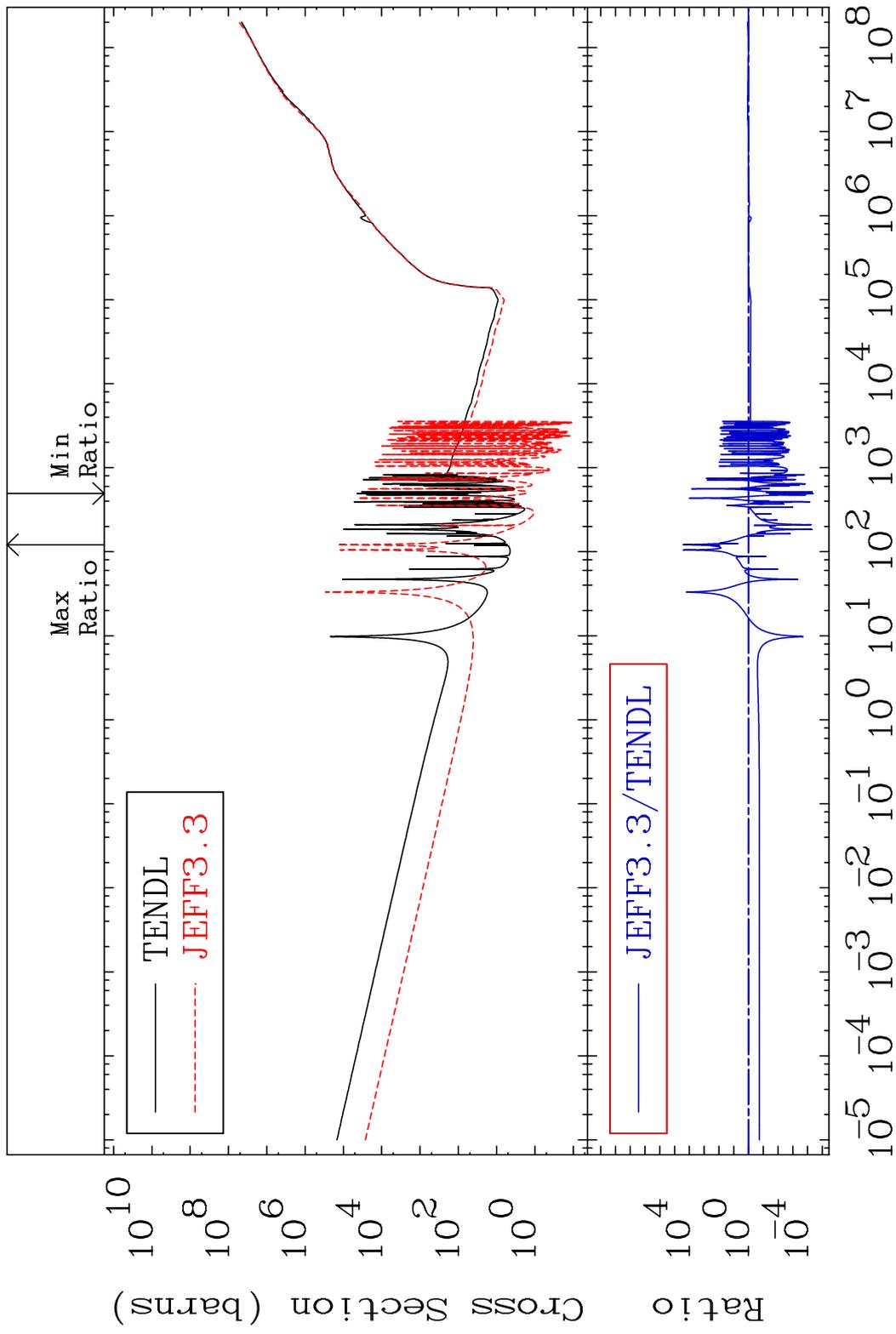
MAT 3440

Kerma elastic
Cross Section

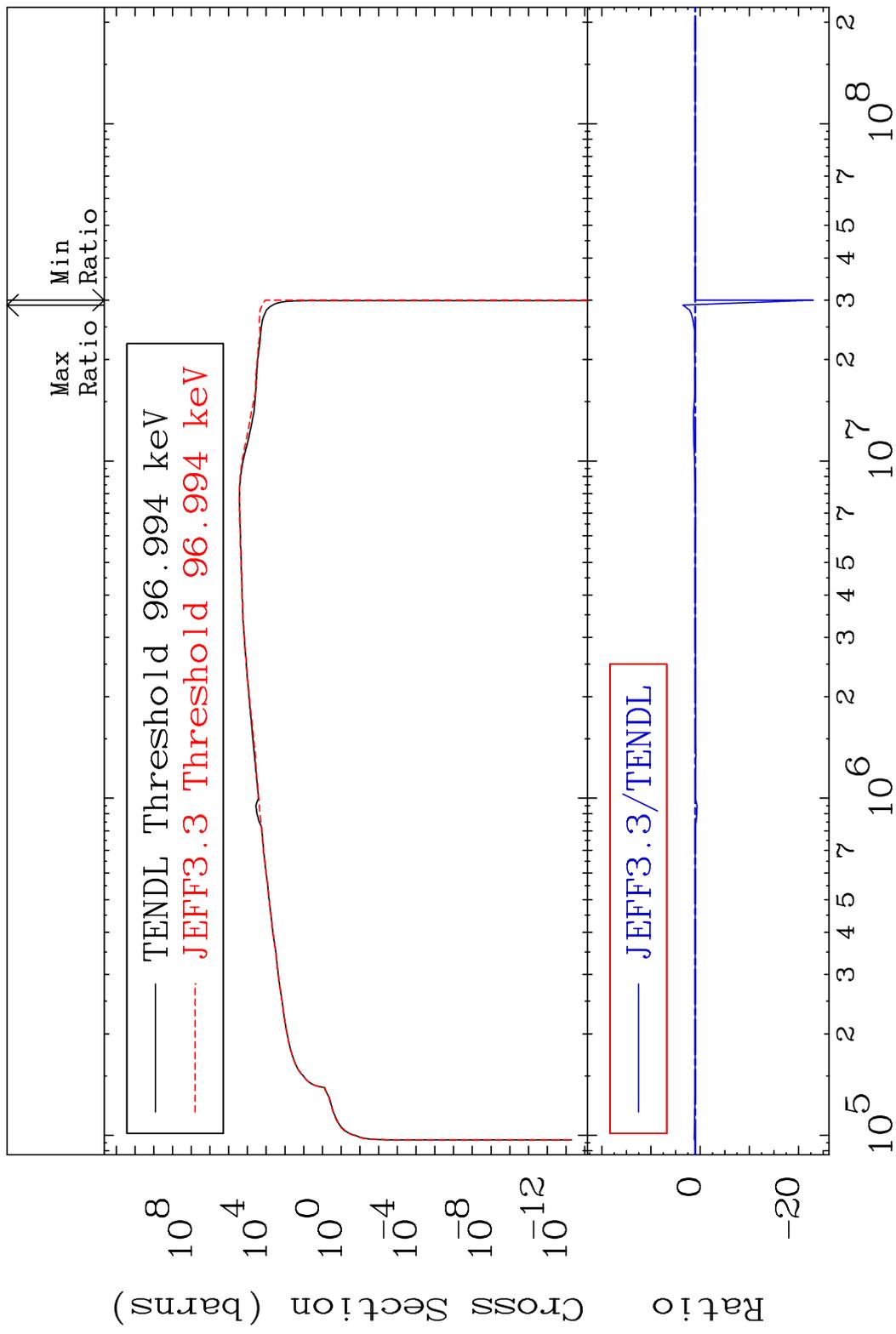
34-Se-79
-99.87 To 9999. %



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

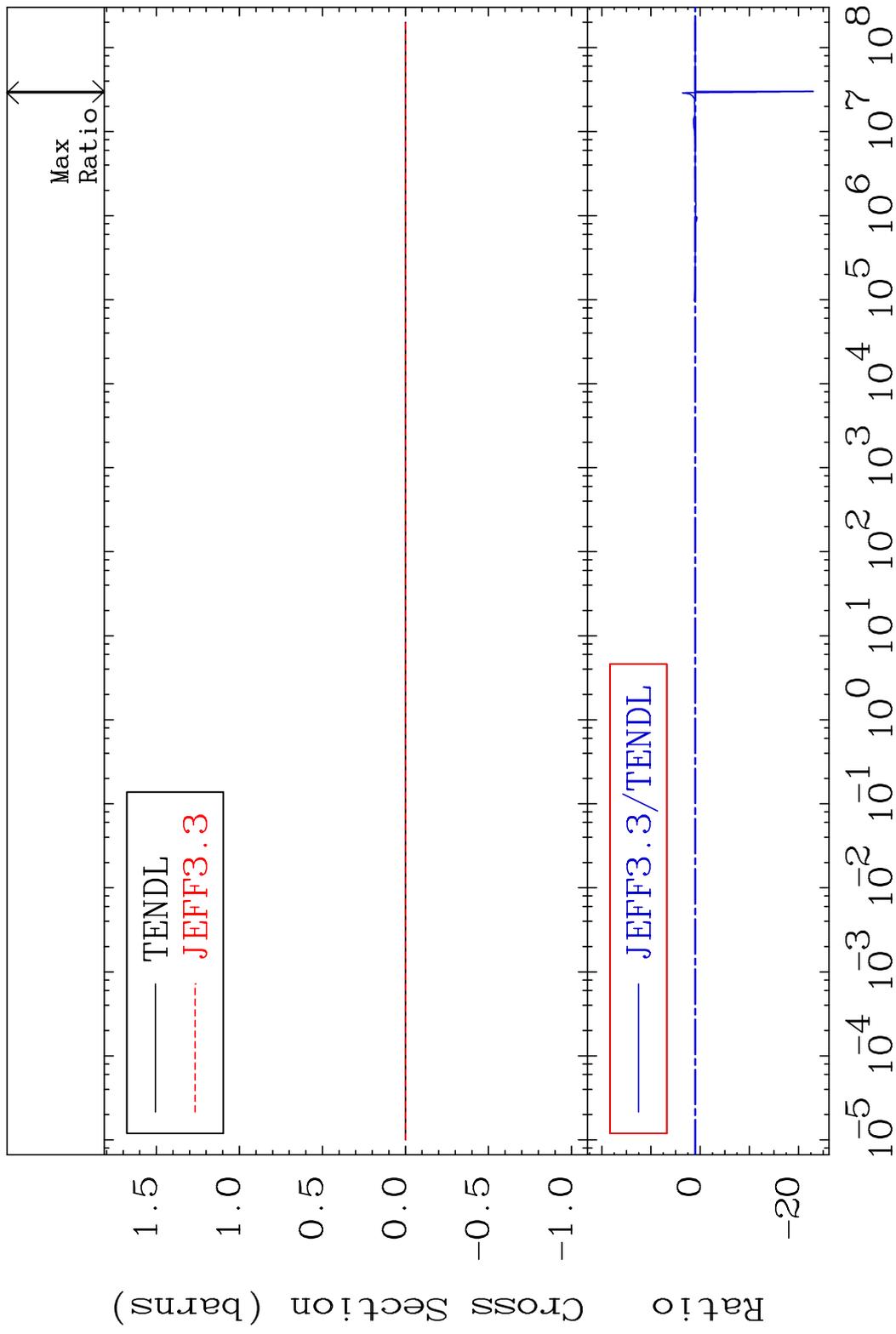


MAT 3440 Kerma inelastic (mt51-91) 34-Se-79
 Cross Section -2397. To 252.9 %

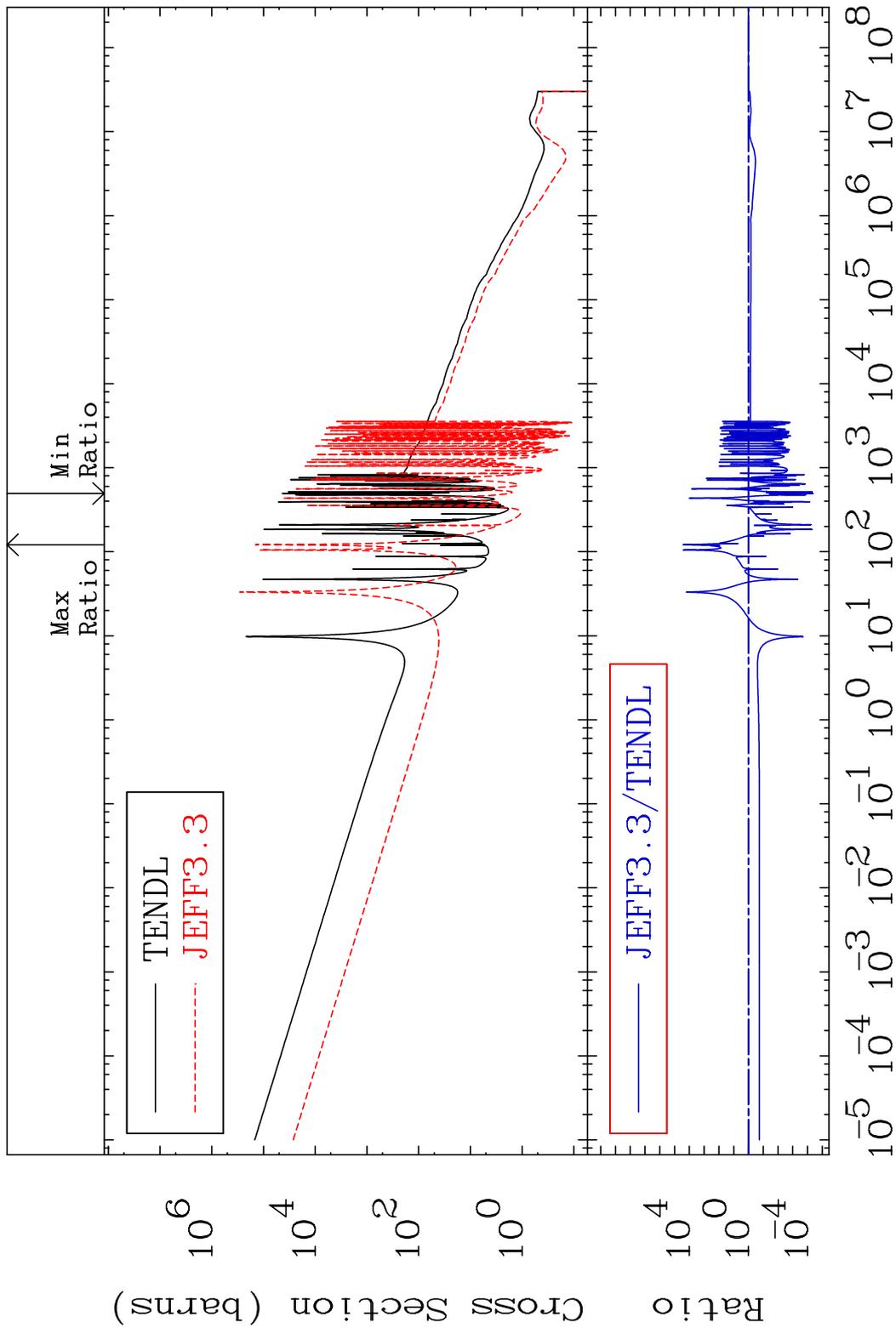


56 Incident Energy (eV) 34-Se-79

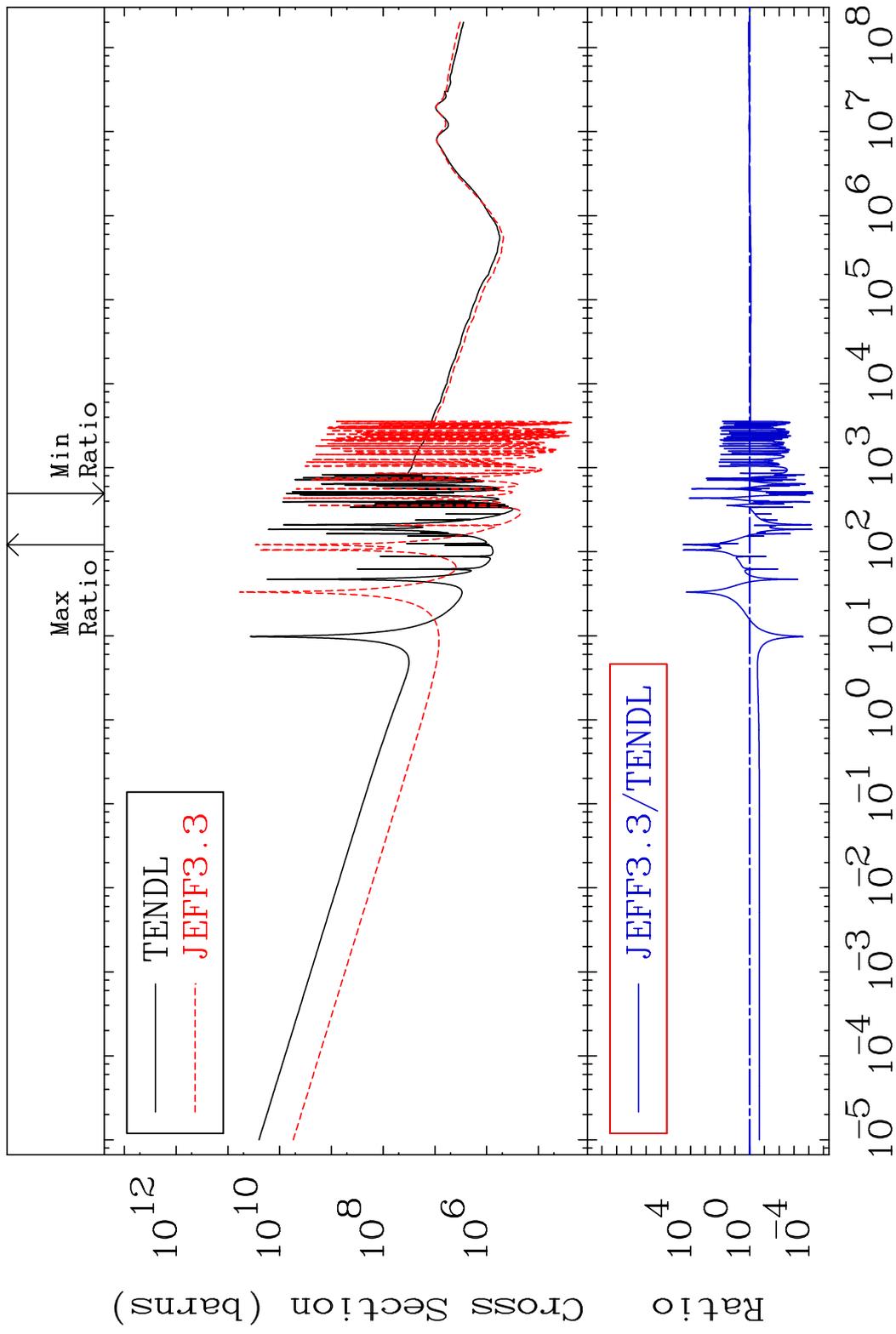
MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-Se-79
 Cross Section -2397. To 252.9 %



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

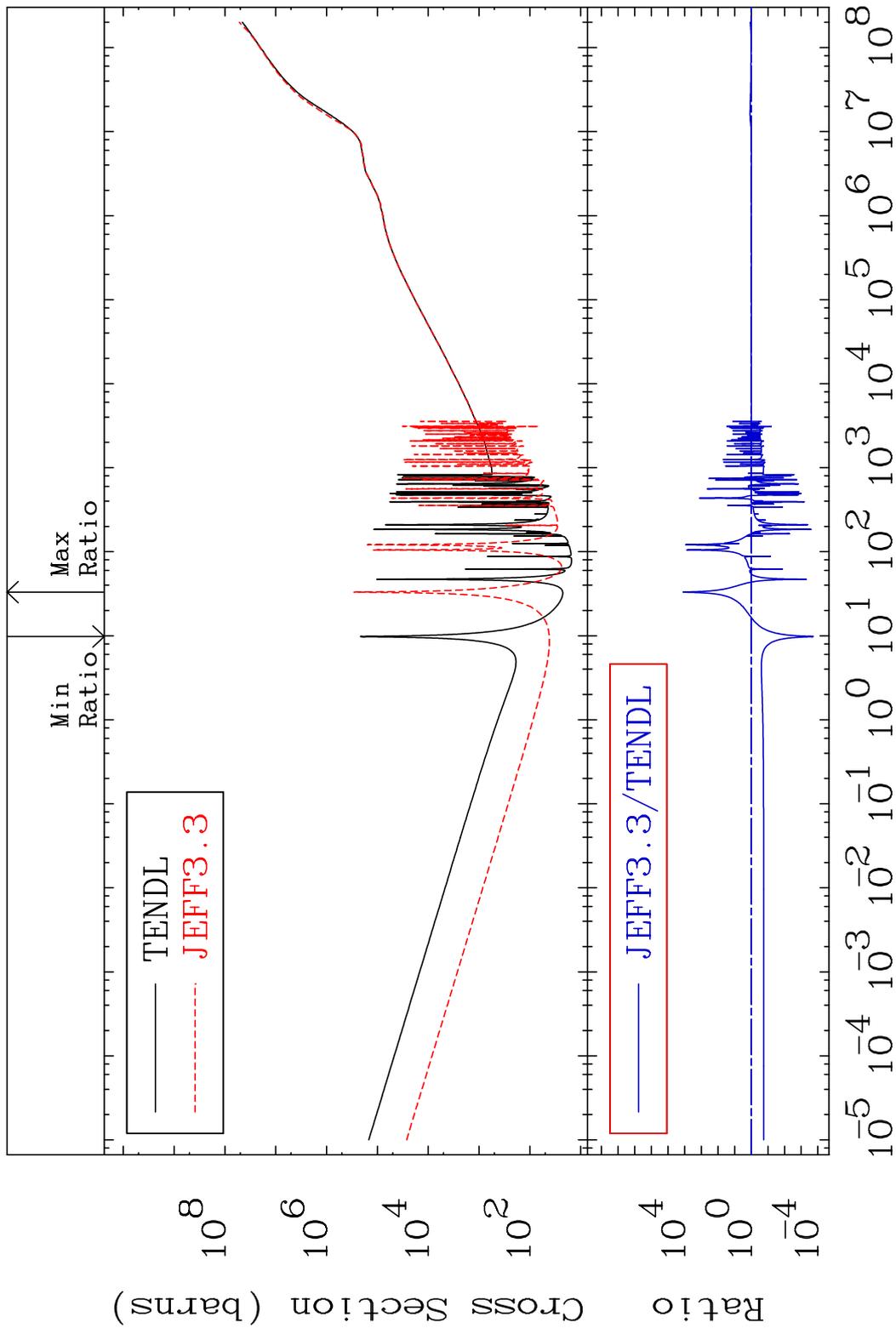


MAT 3440 Total photon (eV-barns) 34-Se-79
 Cross Section -99.99 To 9999. %

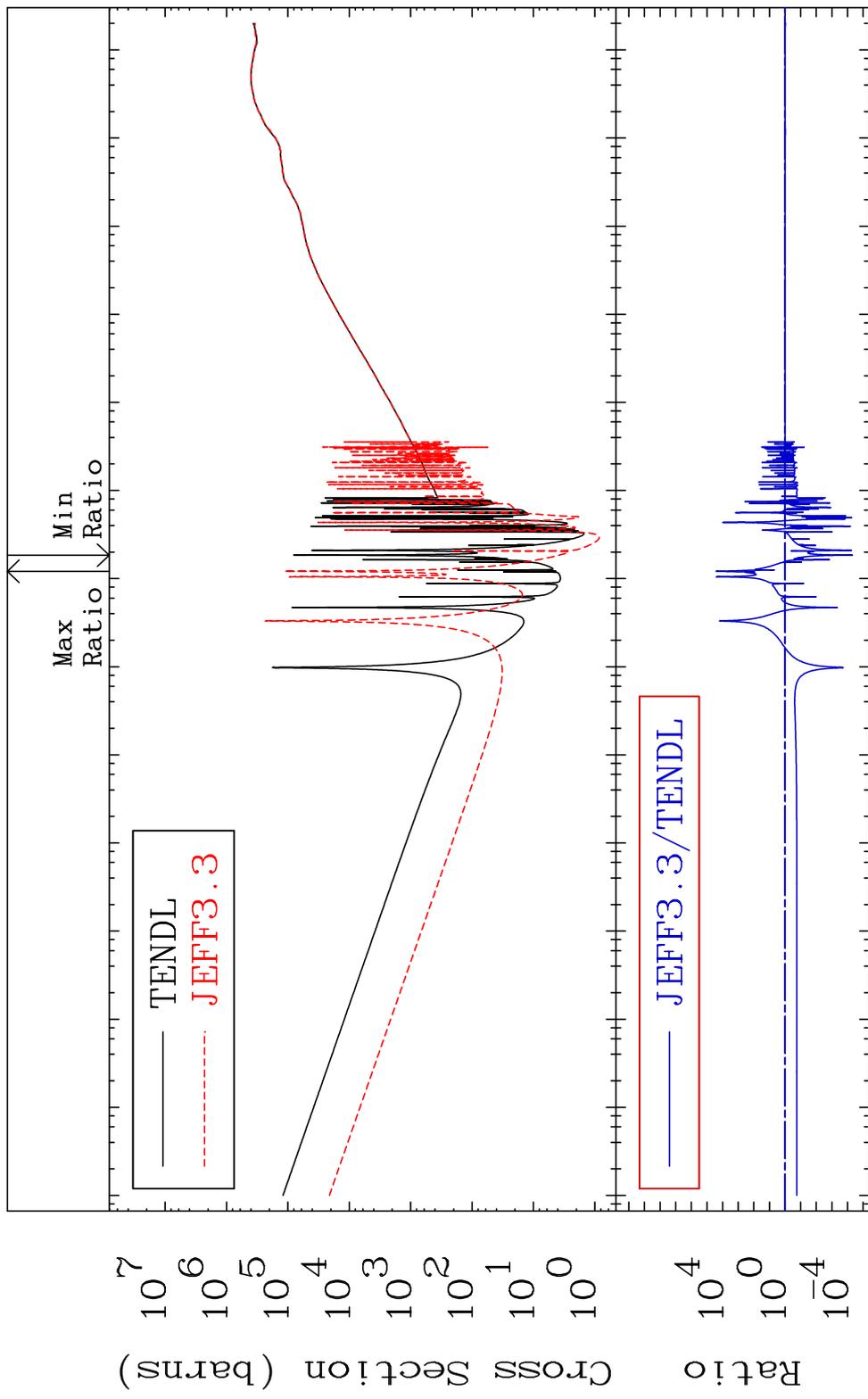


59 Incident Energy (eV) 34-Se-79

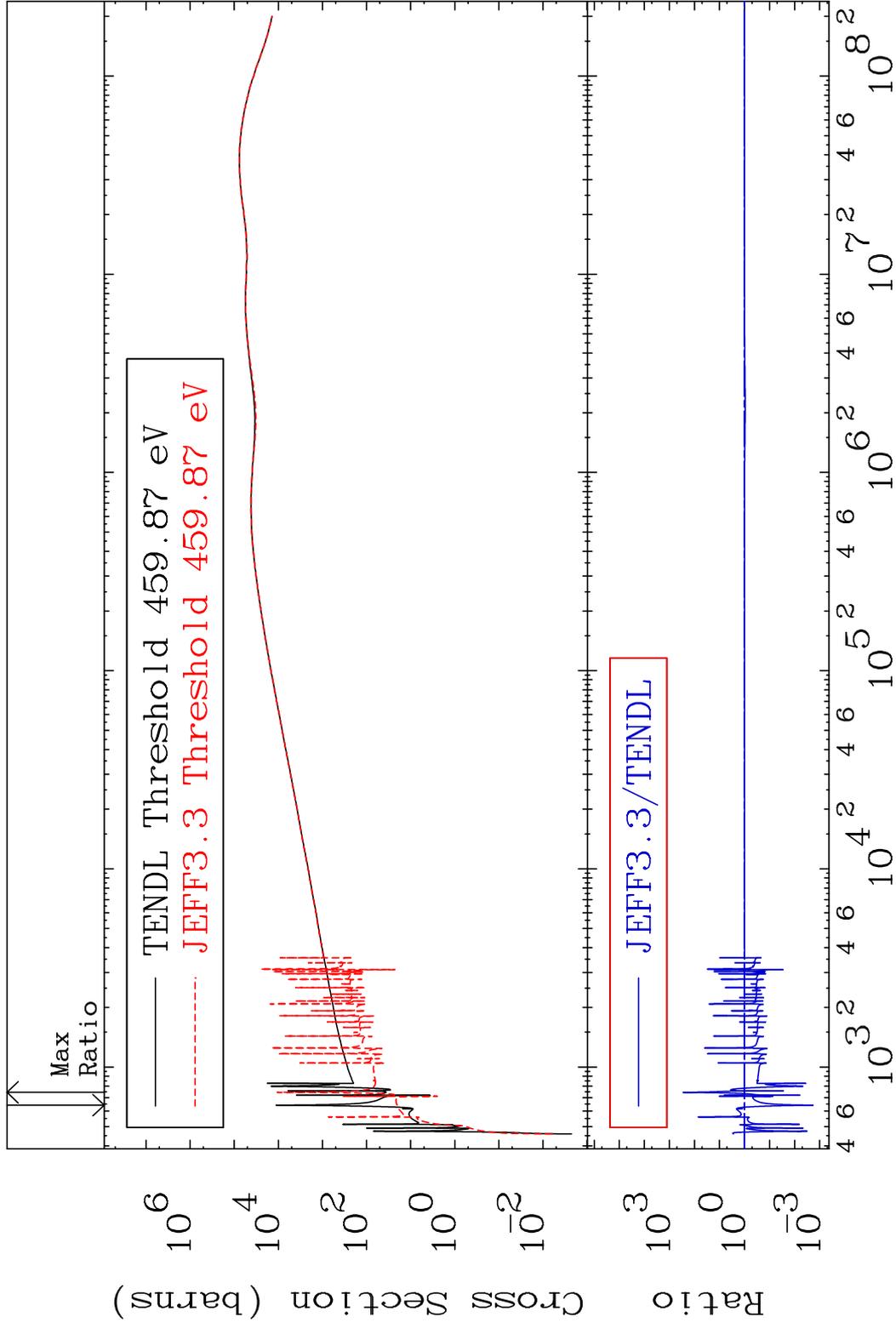
MAT 3440 Total kinematic kerma (high limit) 34-Se-79
 Cross Section -99.98 To 9999. %



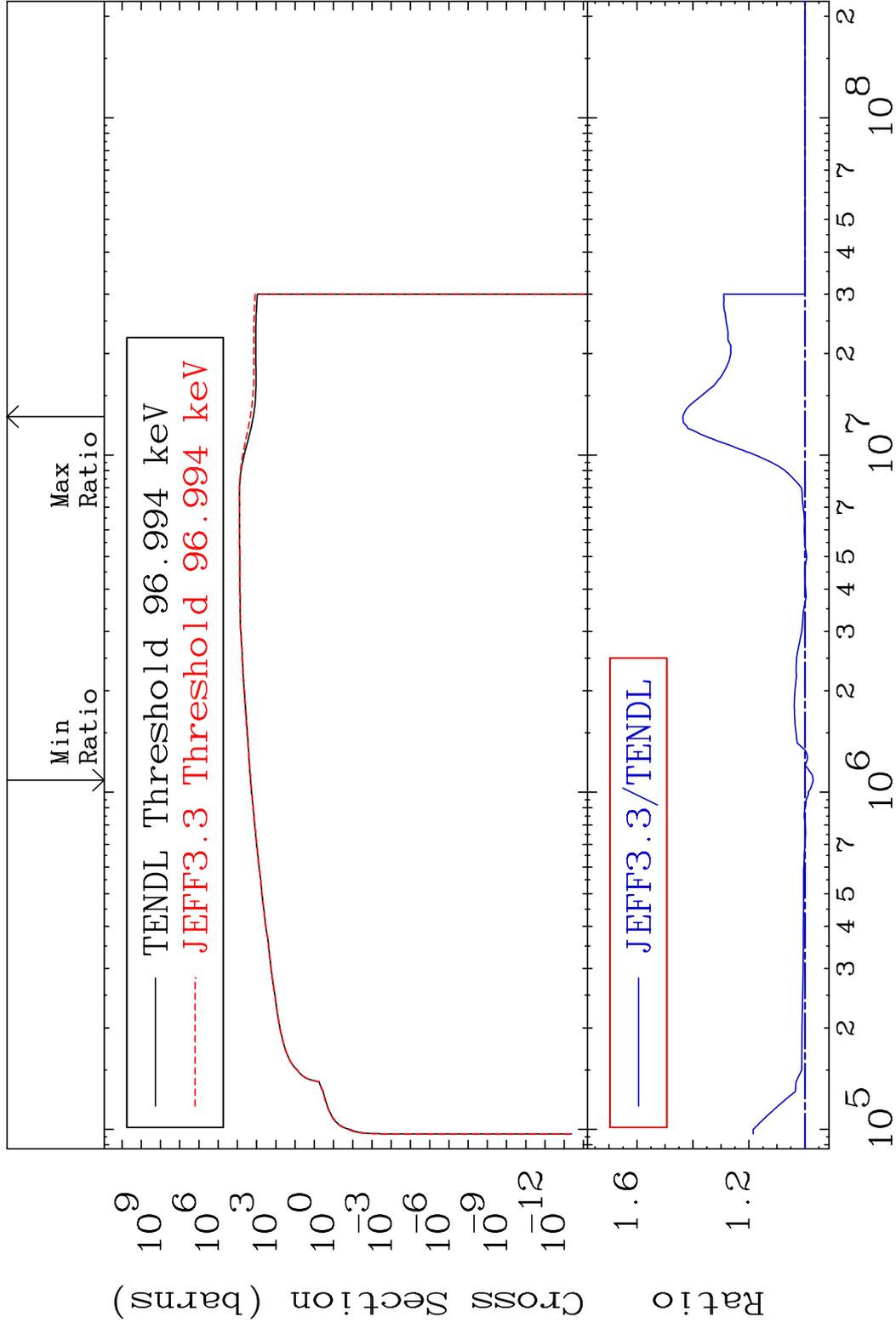
MAT 3440 Dpa total (eV-barns) 34-Se-79
 Cross Section -100.0 To 9999. %



MAT 3440 Dpa elastic (mt2) 34-Se-79
 Cross Section -99.82 To 9999. %

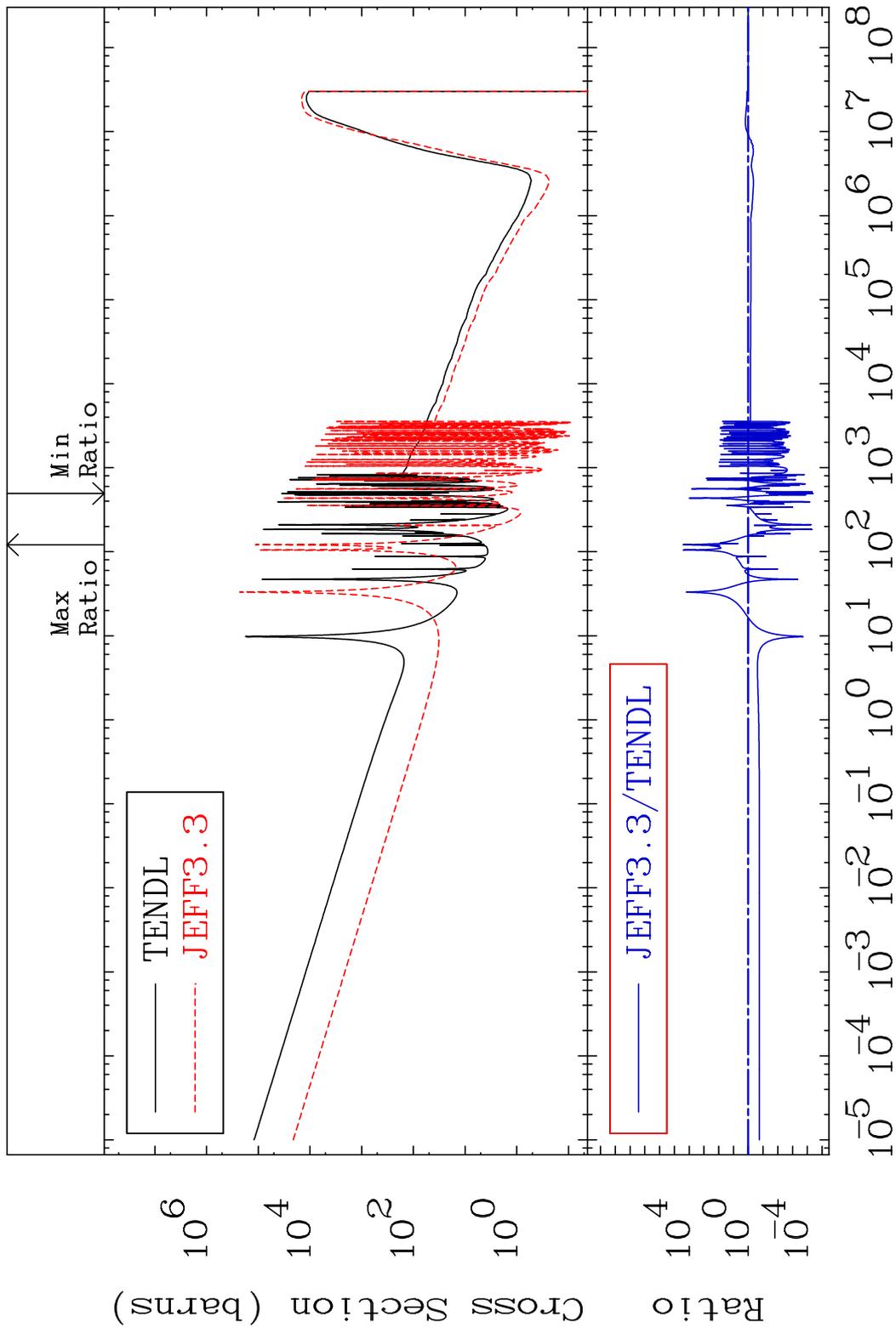


MAT 3440 Dpa inelastic (mt51-91) 34-Se-79
 Cross Section -2.957 To 43.61 %

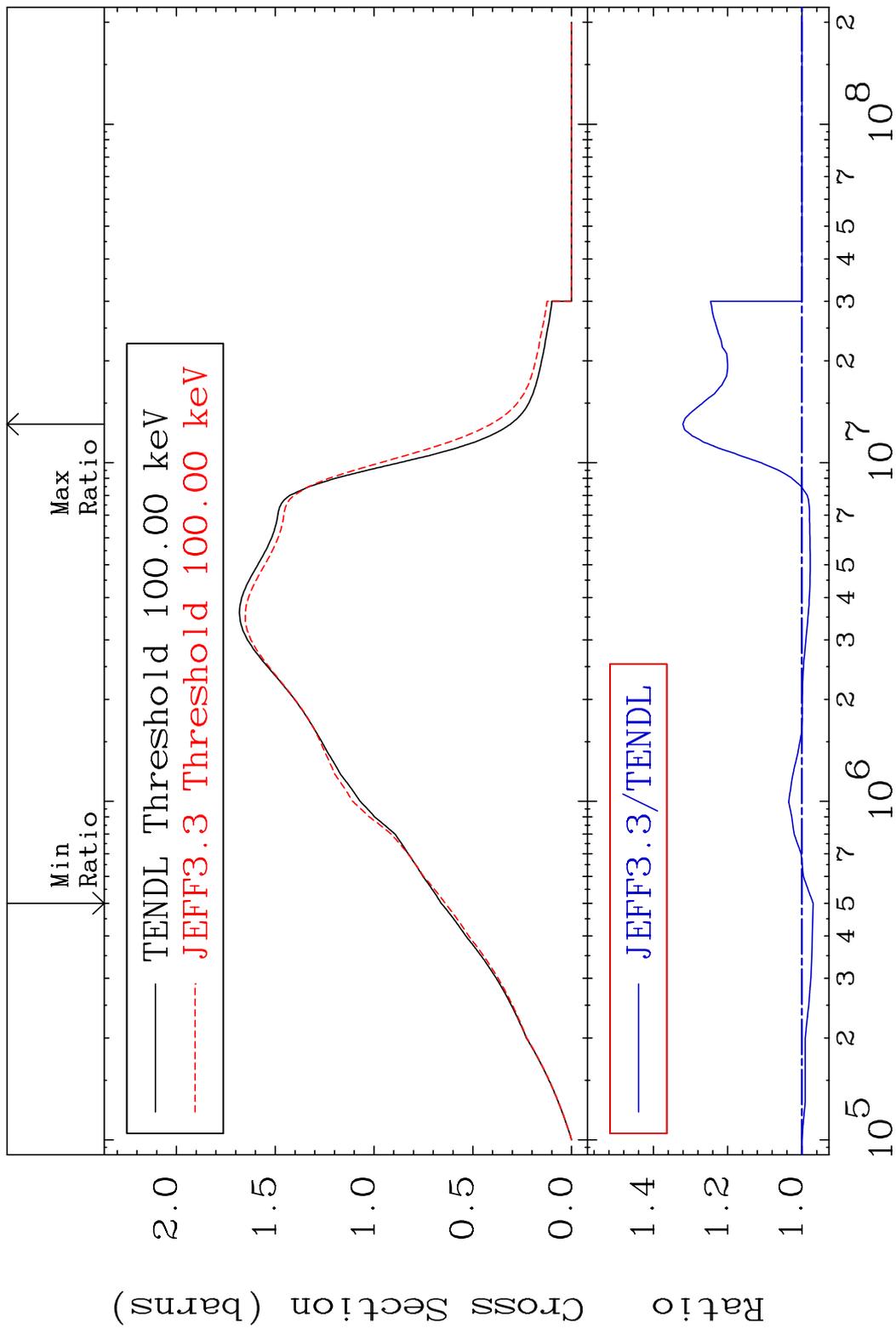


63 Incident Energy (eV) 34-Se-79

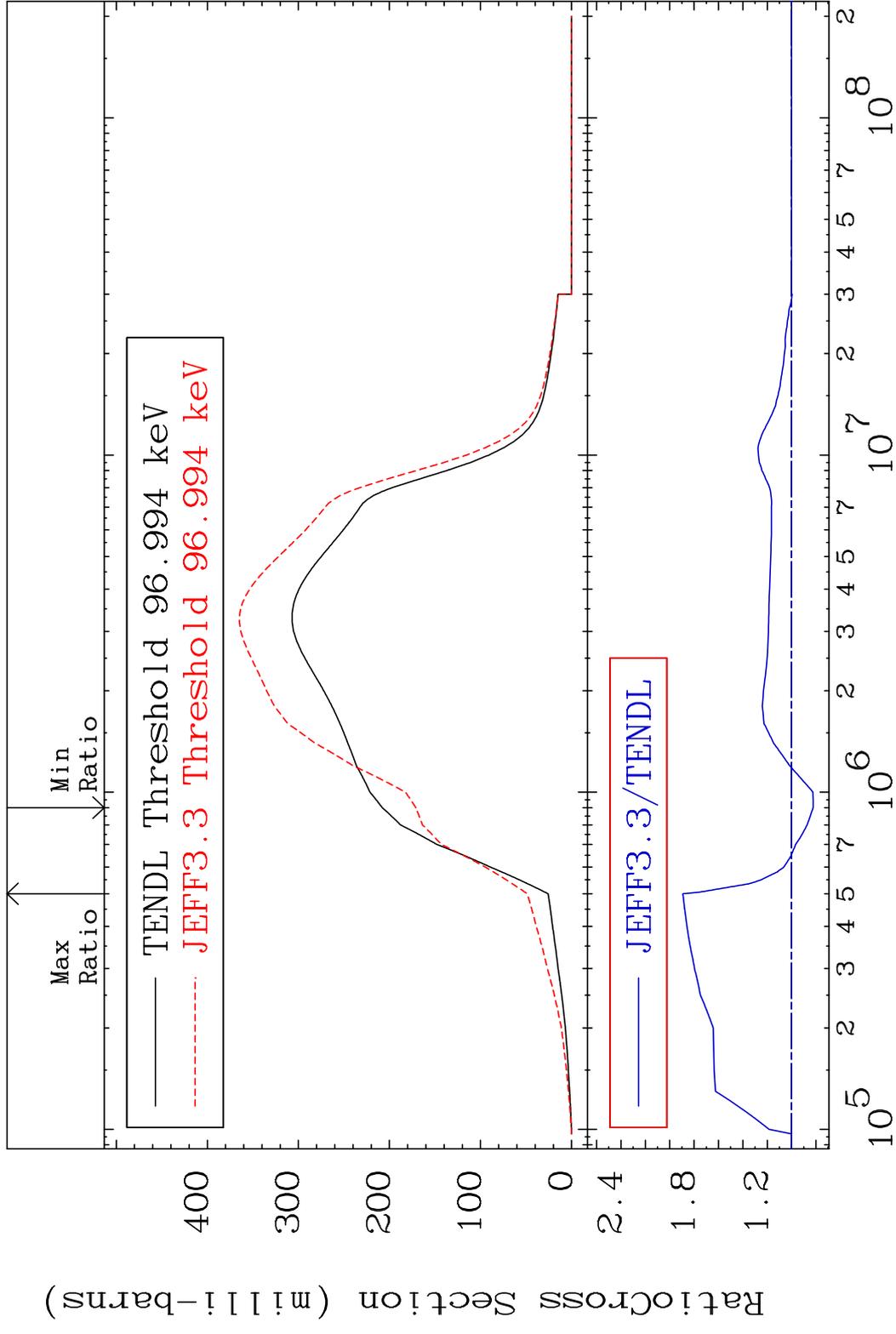
MAT 3440 Dpa disappearance (mt102 -120) 34-Se-79
 Cross Section -100.0 To 9999. %



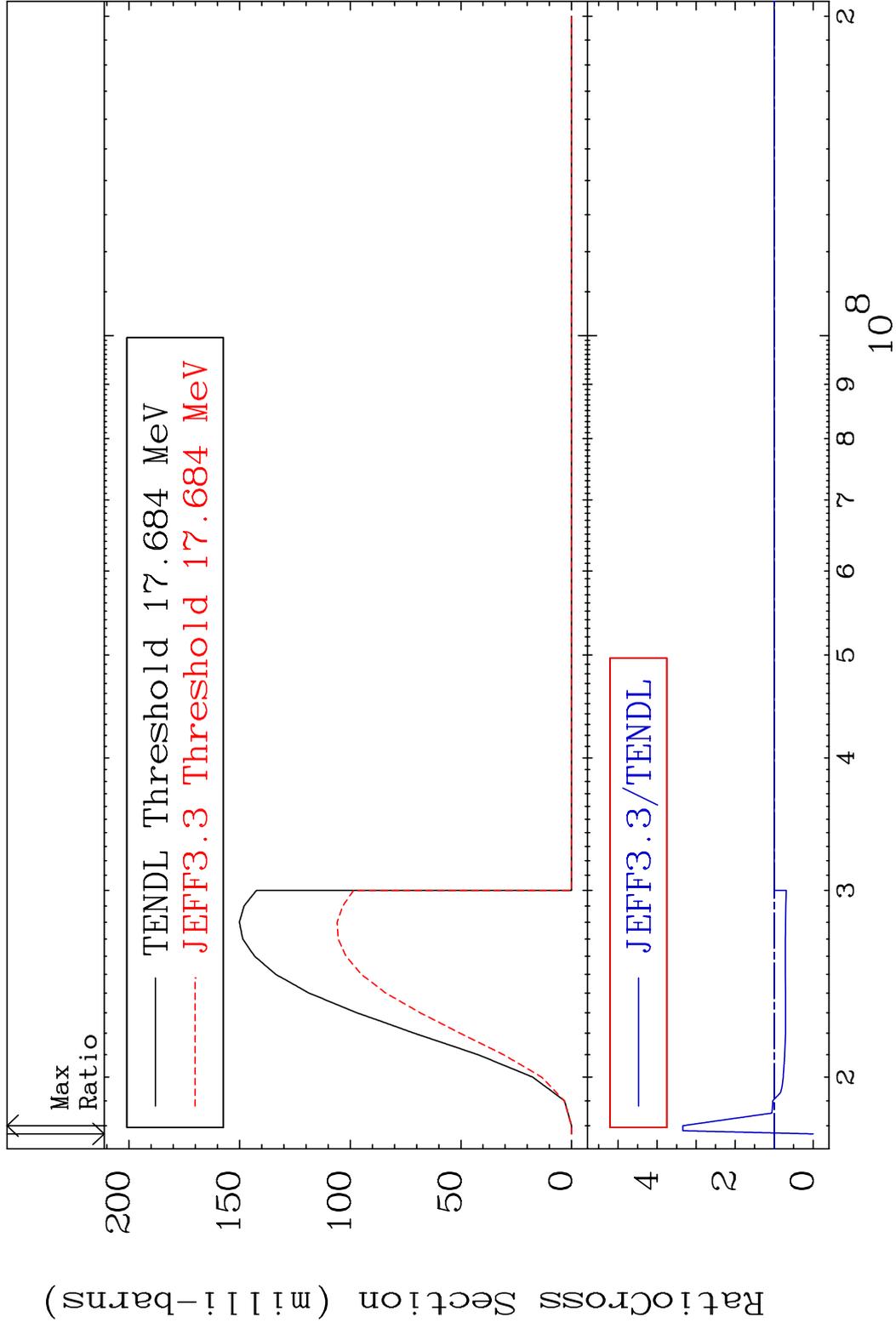
MAT 3440 Inelastic:34-Se-79g 34-Se-79
 Radionuclide Production Cross Section 32.07 %



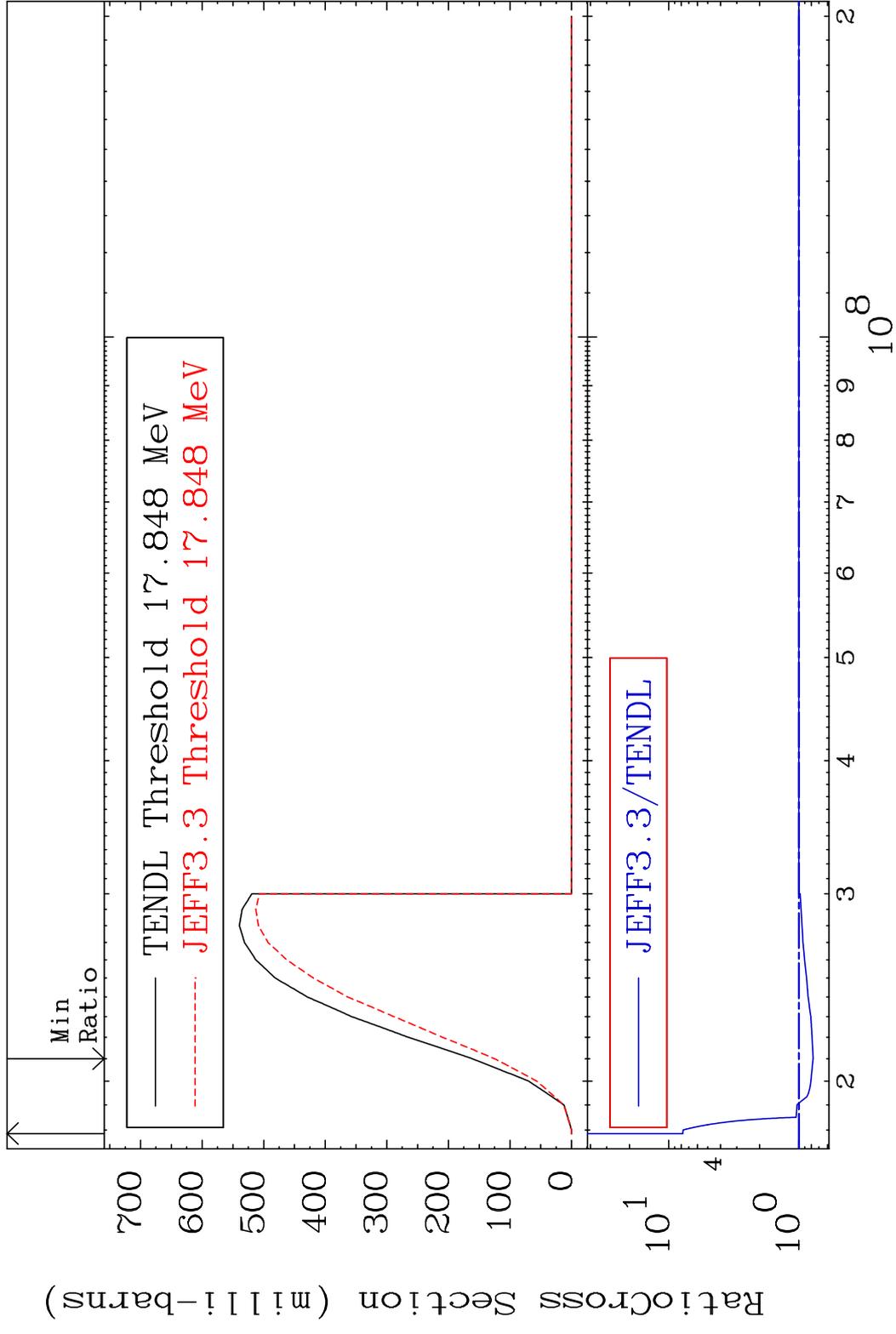
65 Incident Energy (eV) 34-Se-79



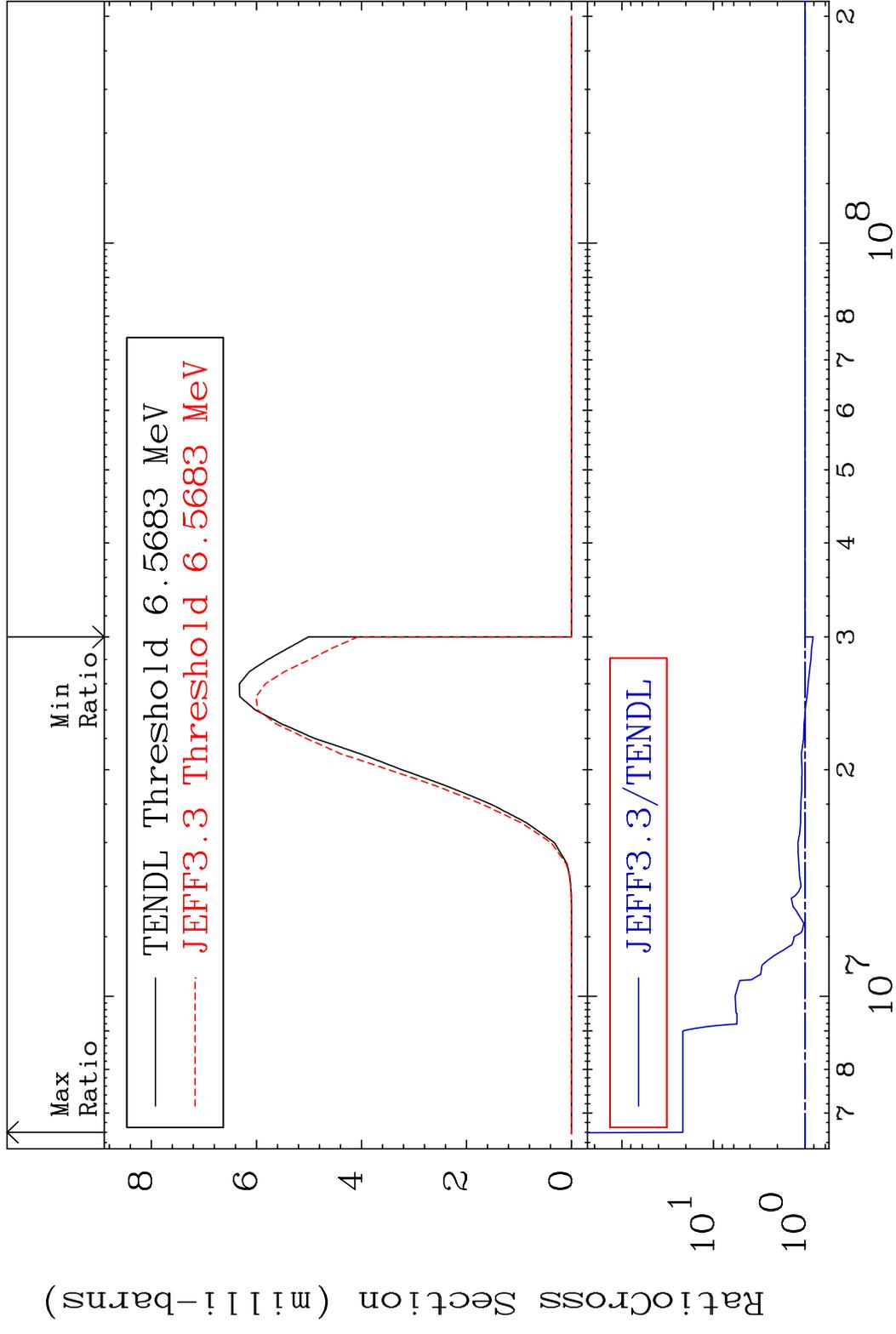
MAT 3440 (n,3n):34-Se-77g 34-Se-79
 Radionuclide Production Cross Section 180.0 dth 234.0 %



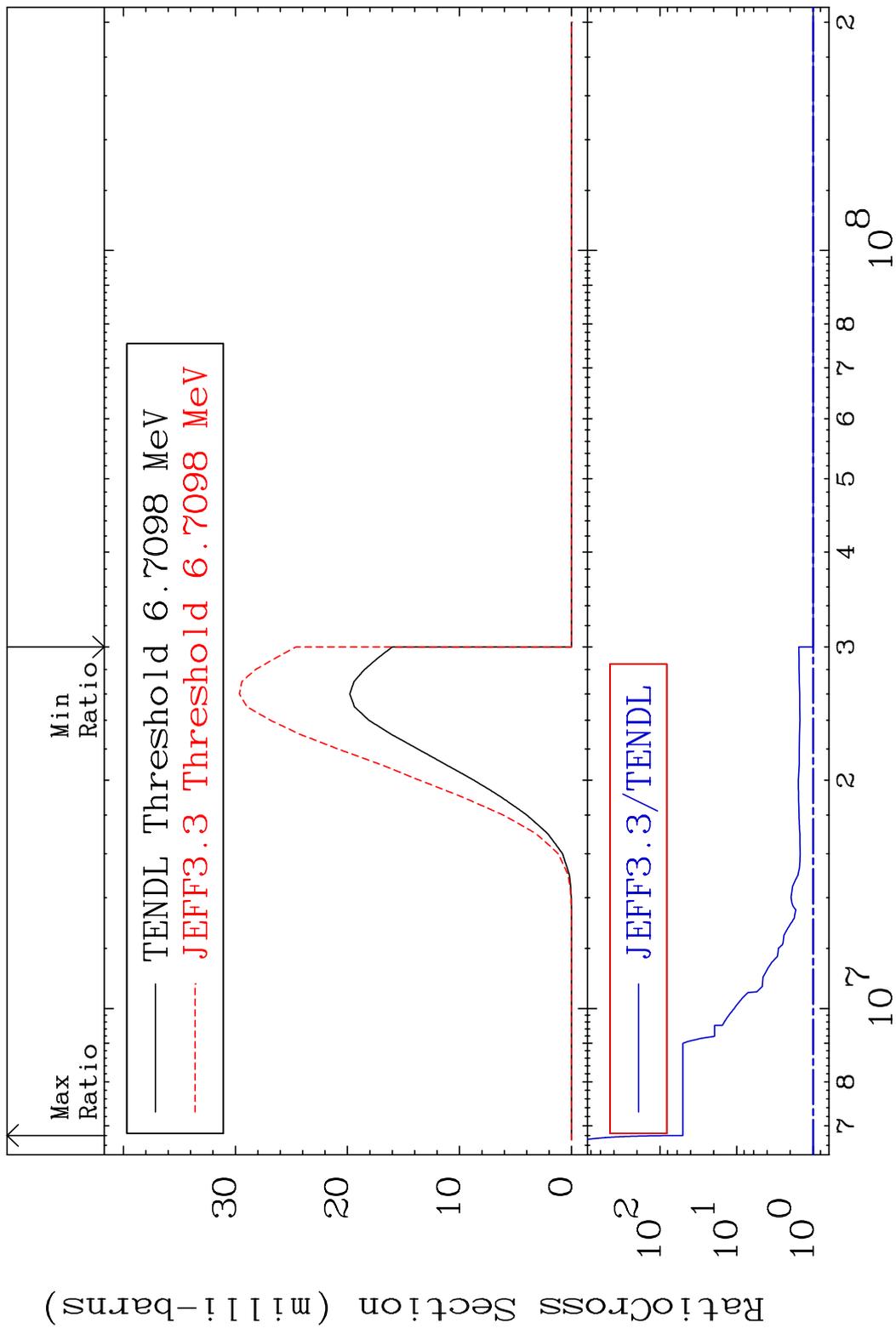
MAT 3440 (n,3n):34-Se-77m1 34-Se-79
 Radionuclide Production Cross Section 678.6 %



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



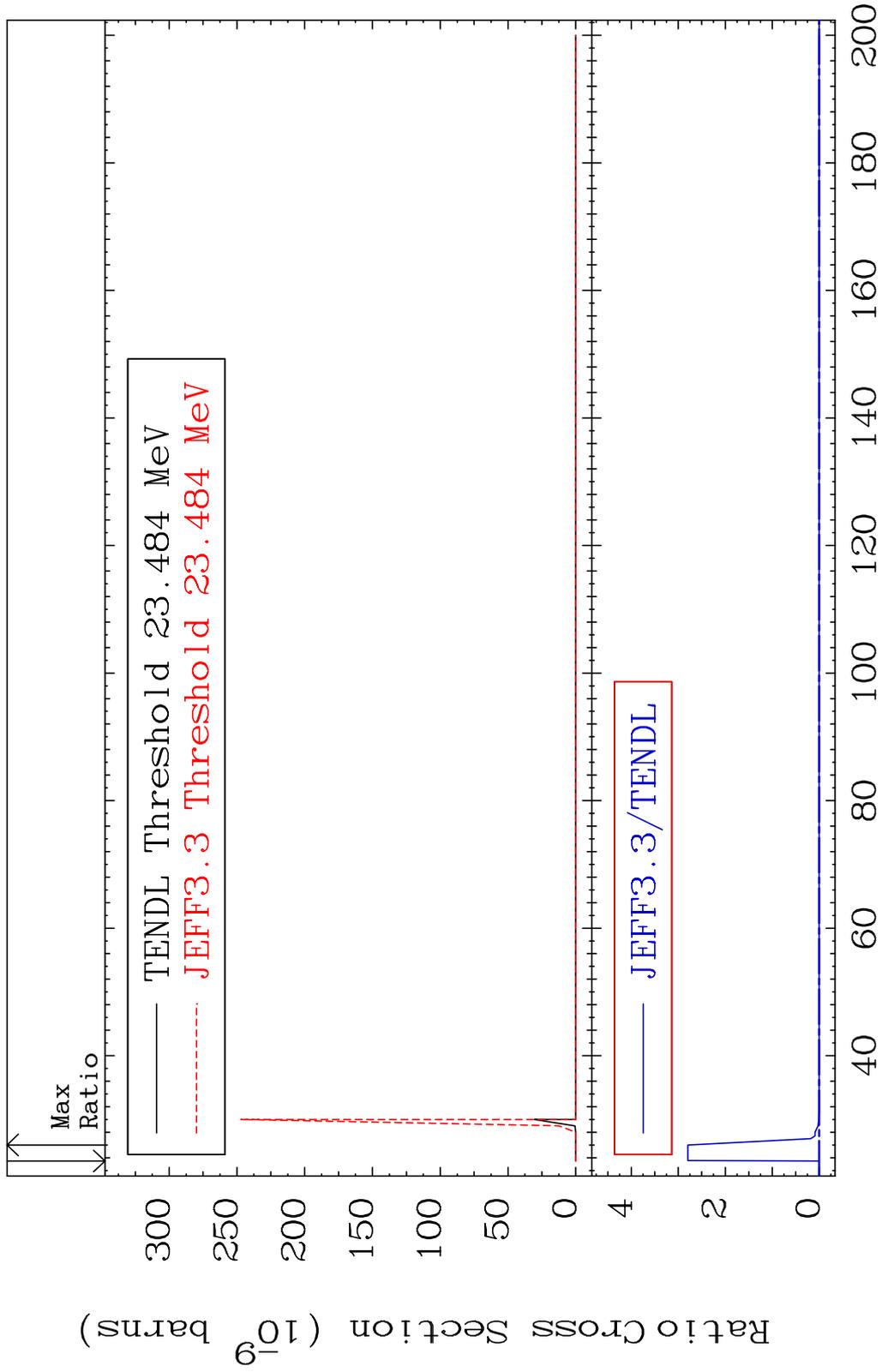
MAT 3440 (n, n') α :32-Ge-75m2 34-Se-79
 Radionuclide Production Cross Section 4945. %



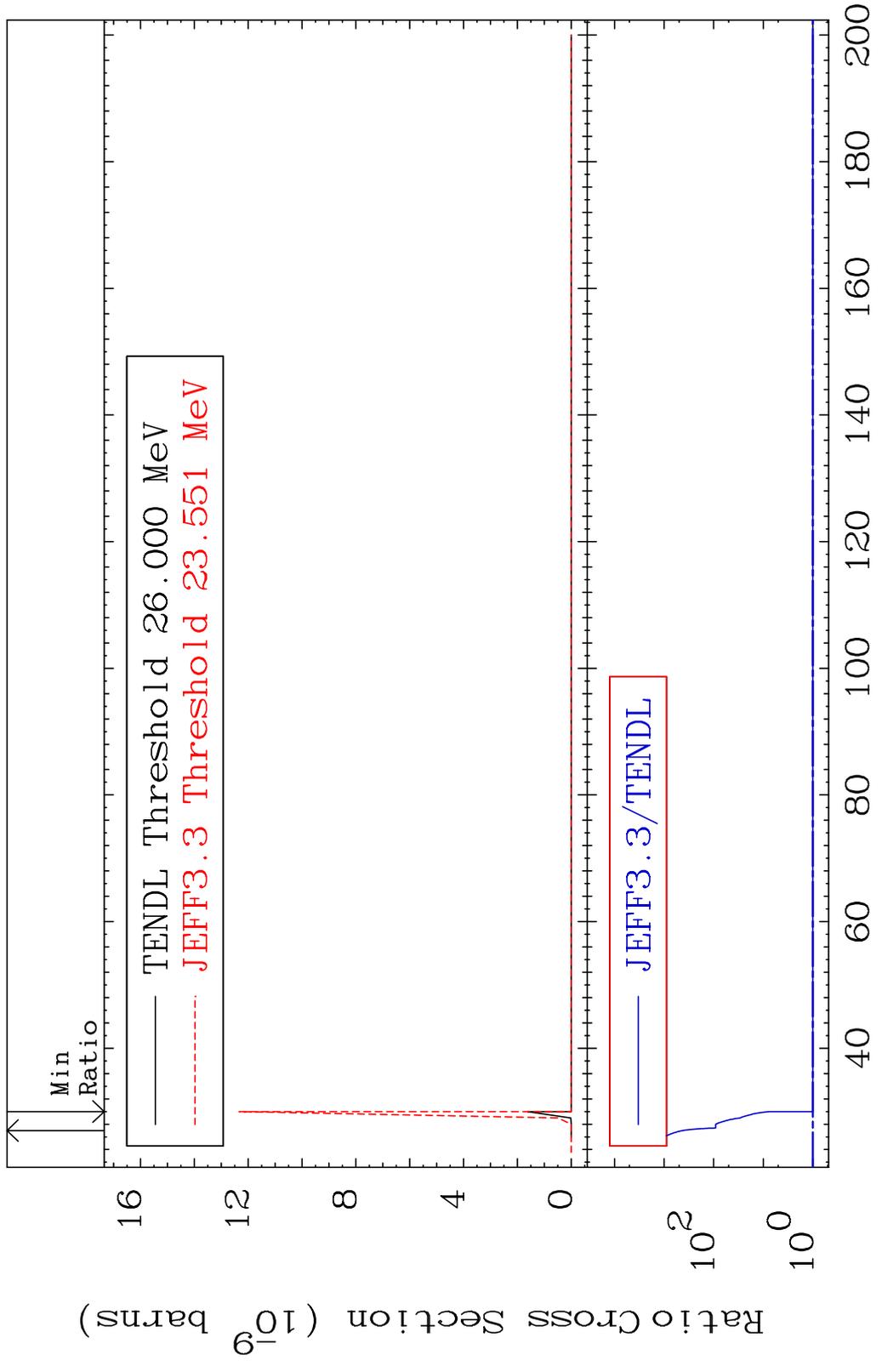
70

Incident Energy (eV)

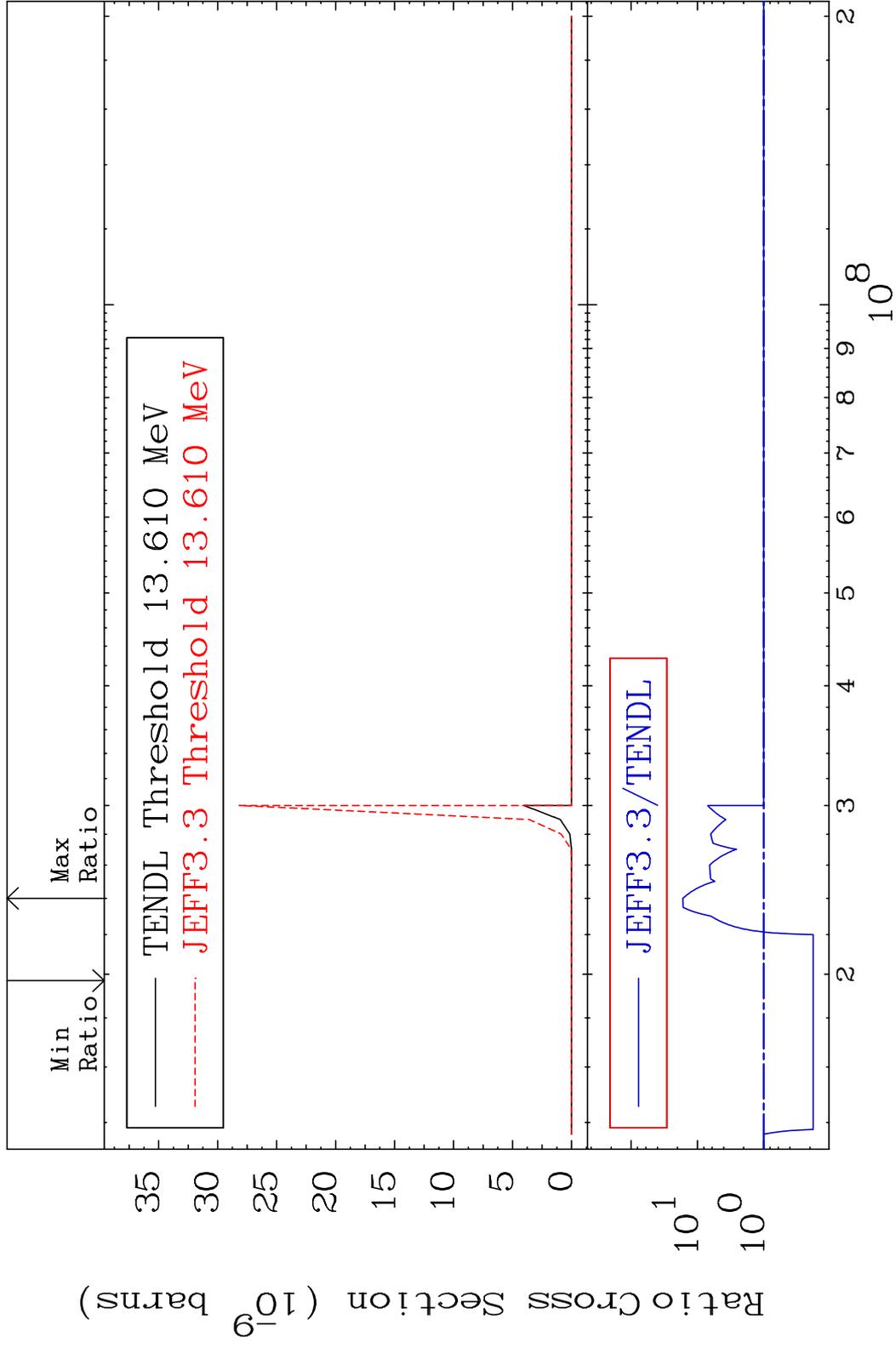
34-Se-79

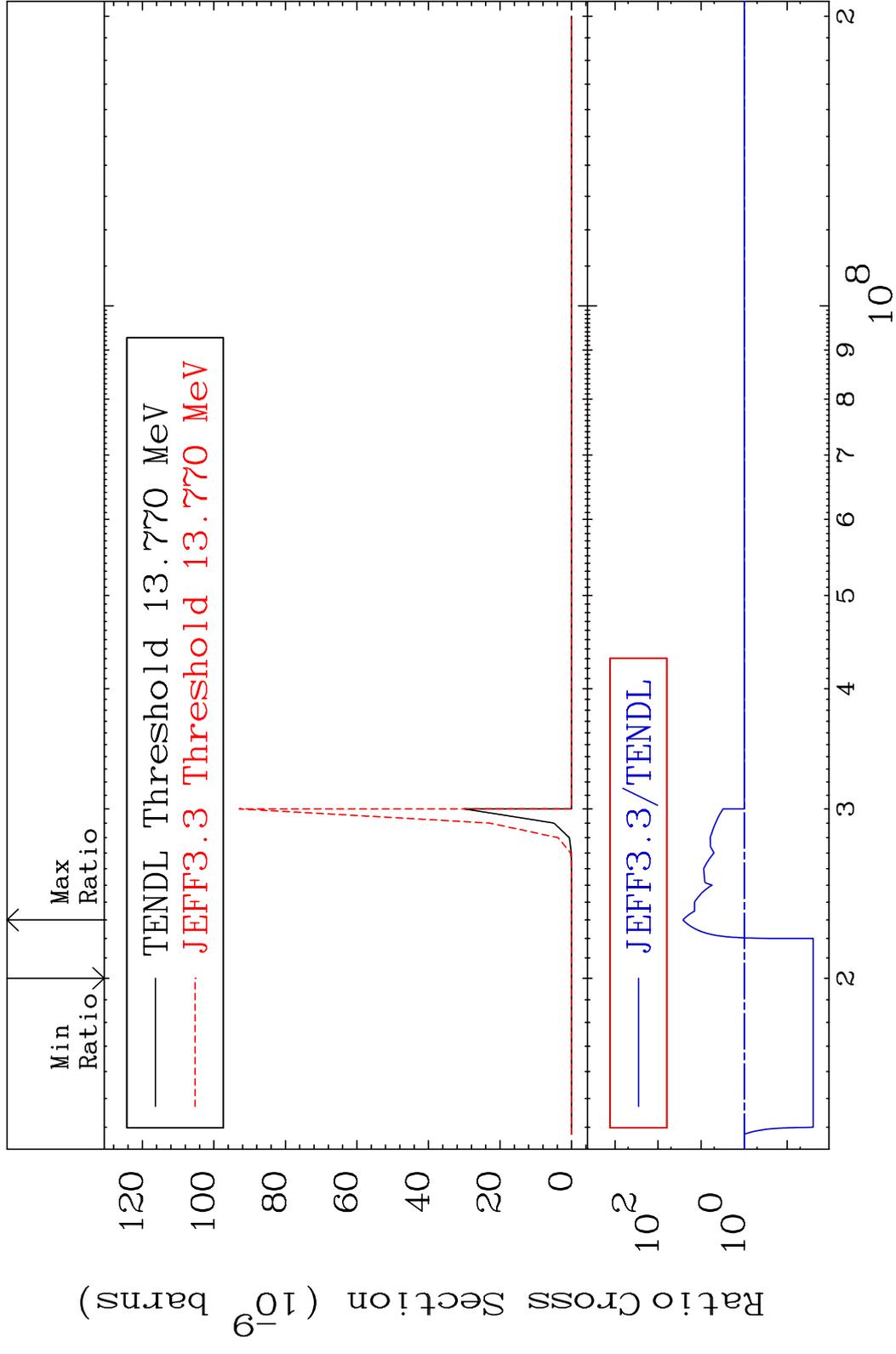


MAT 3440 (n,3n) α :32-Ge-73m2 34-Se-79
 Radionuclide Production Cross Section, %

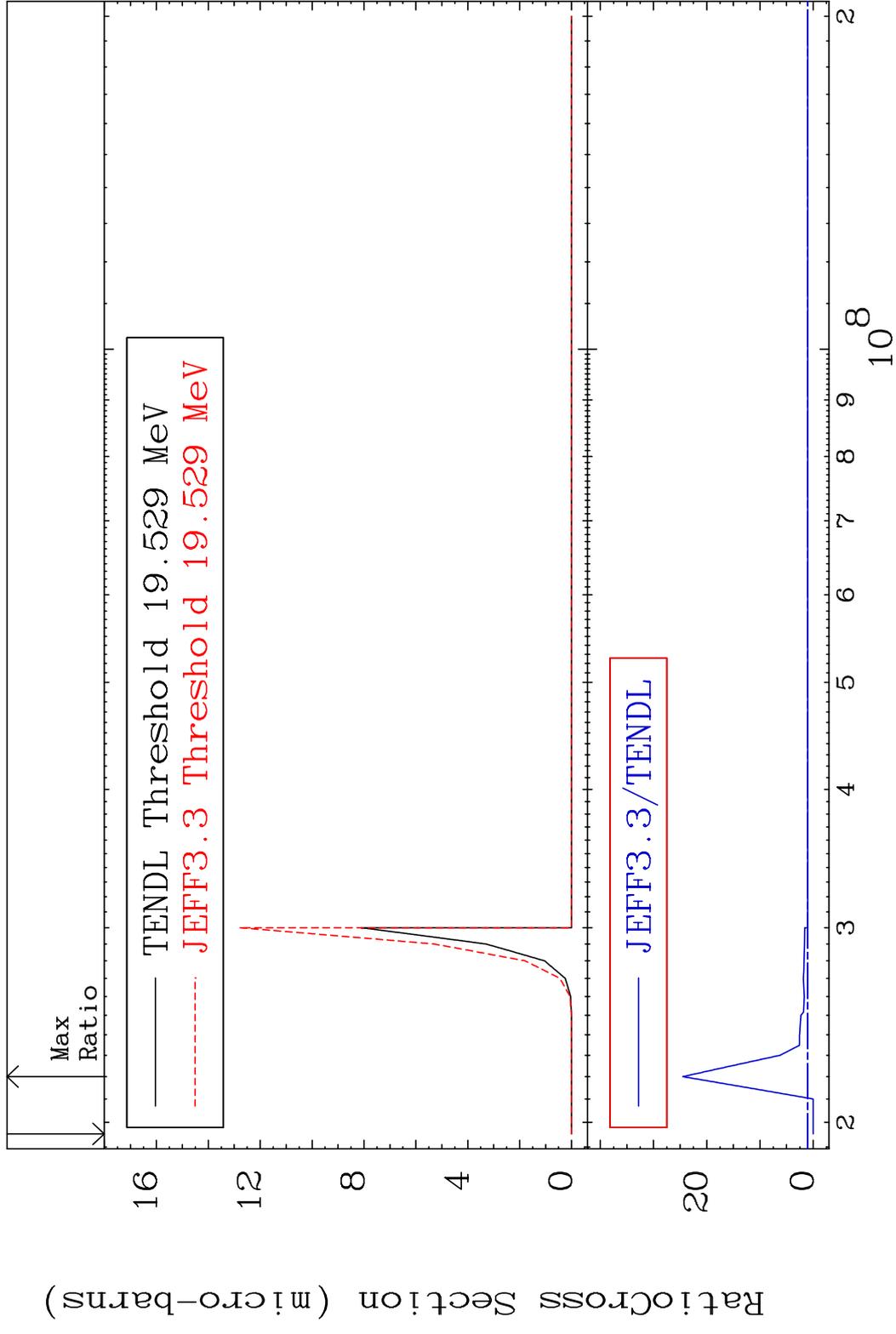


MAT 3440 (n, n') 2α :30-Zn-71g 34-Se-79
 Radionuclide Production Cross Section Ratio 1557. %

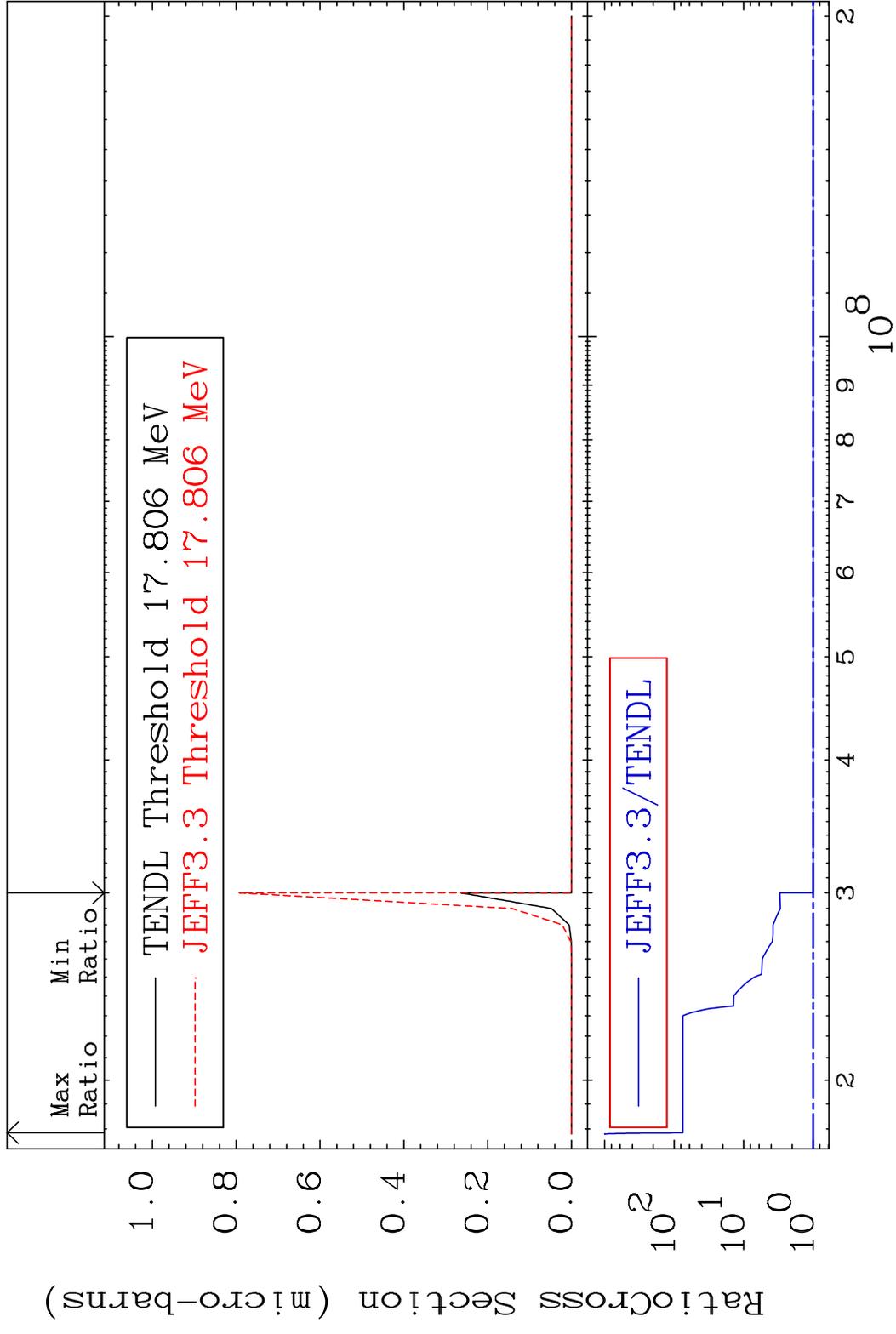




MAT 3440 (n,2n) p:32-Ge-77g 34-Se-79
 Radionuclide Production Cross Section 180.0 dth 2349. %



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. %

