

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

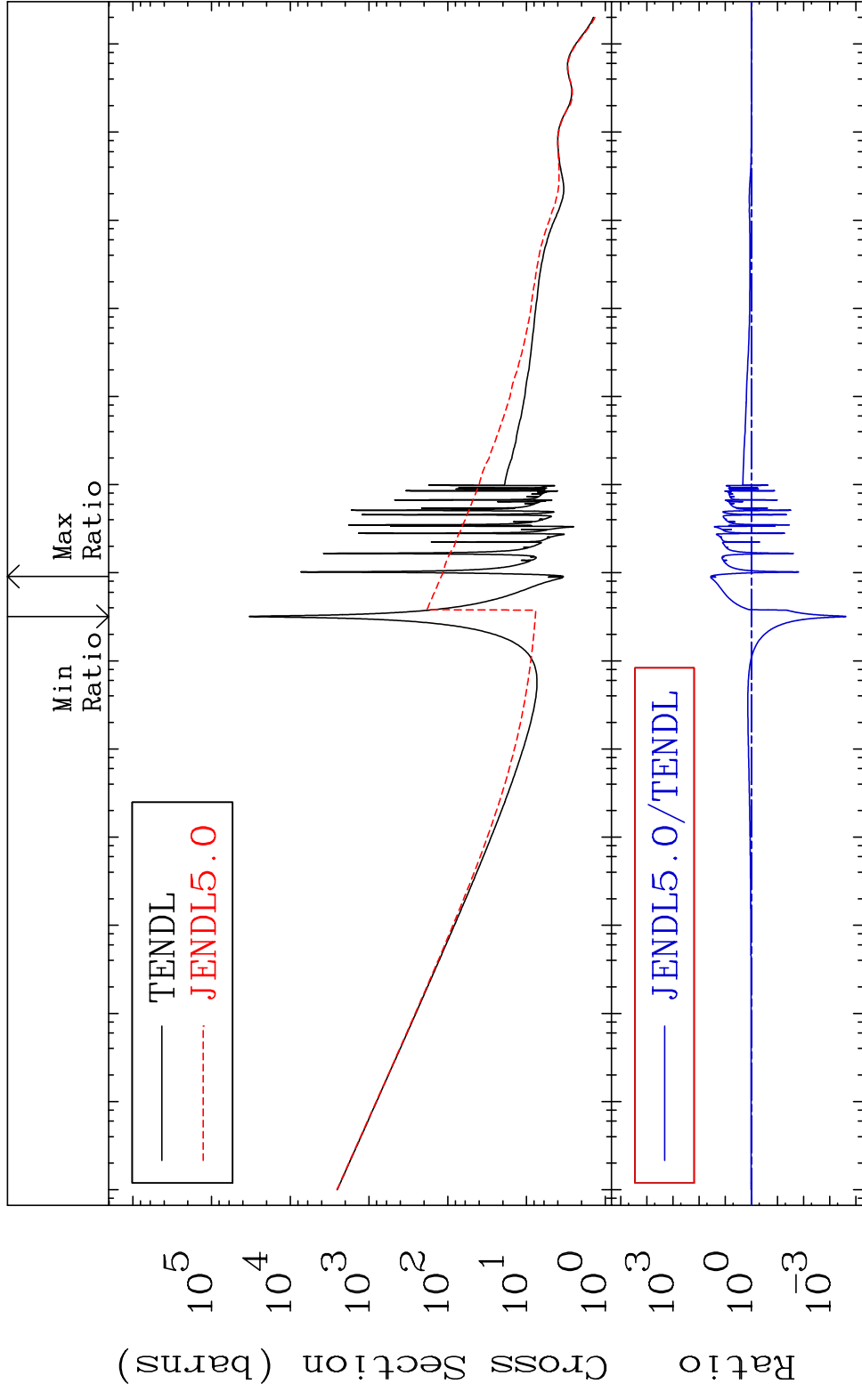
MAT 3440

Total

Cross Section

-99.98 To 3483. %

34-Se-79



1

Incident Energy (eV)

34-Se-79

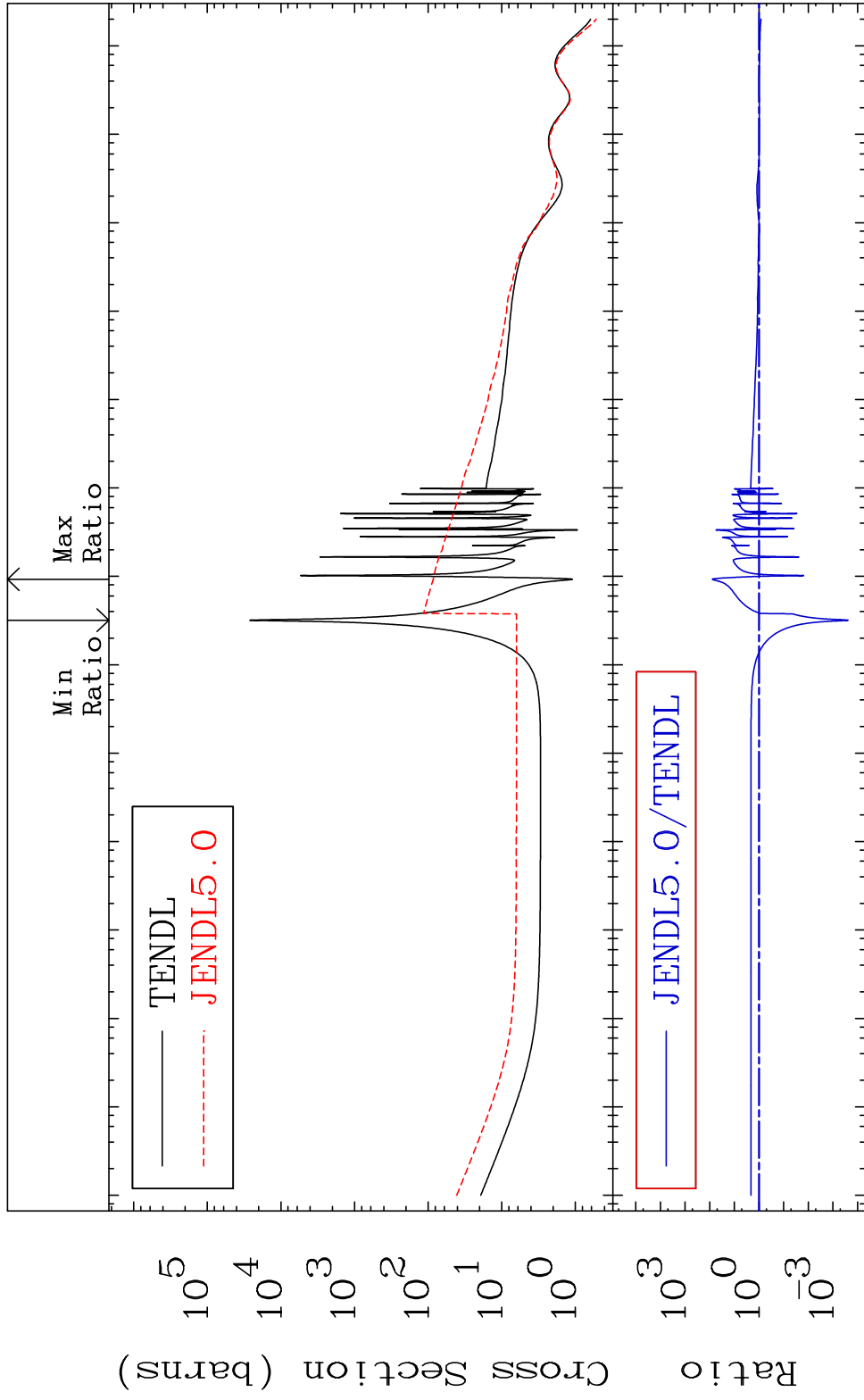
MAT 3440

Elastic

34-Se-79

Cross Section

-99.98 To 7716. %

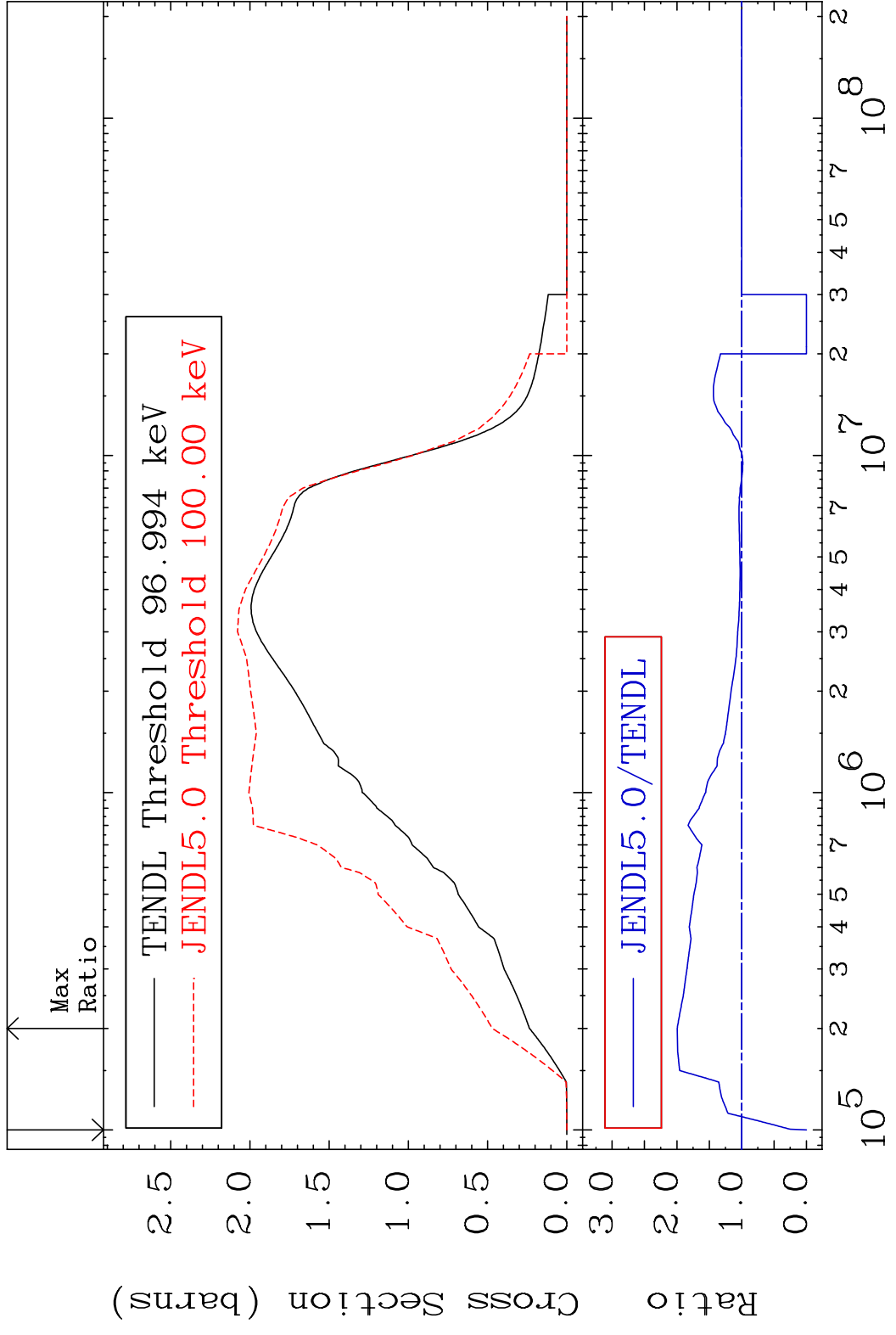


2

Incident Energy (eV)

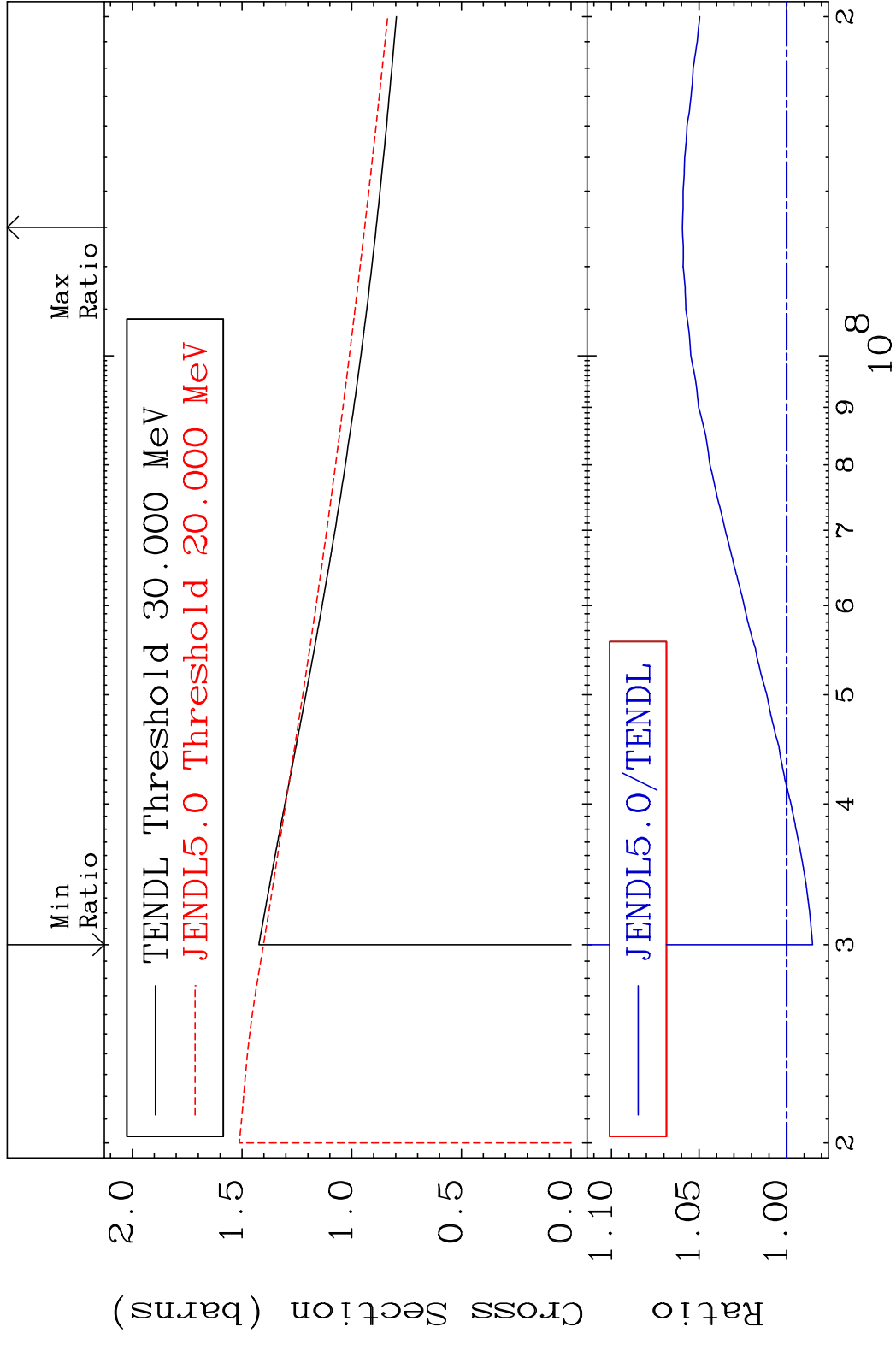
34-Se-79

MAT 3440 Inelastic Cross Section -100.0 To 99.54 % 34-Se-79



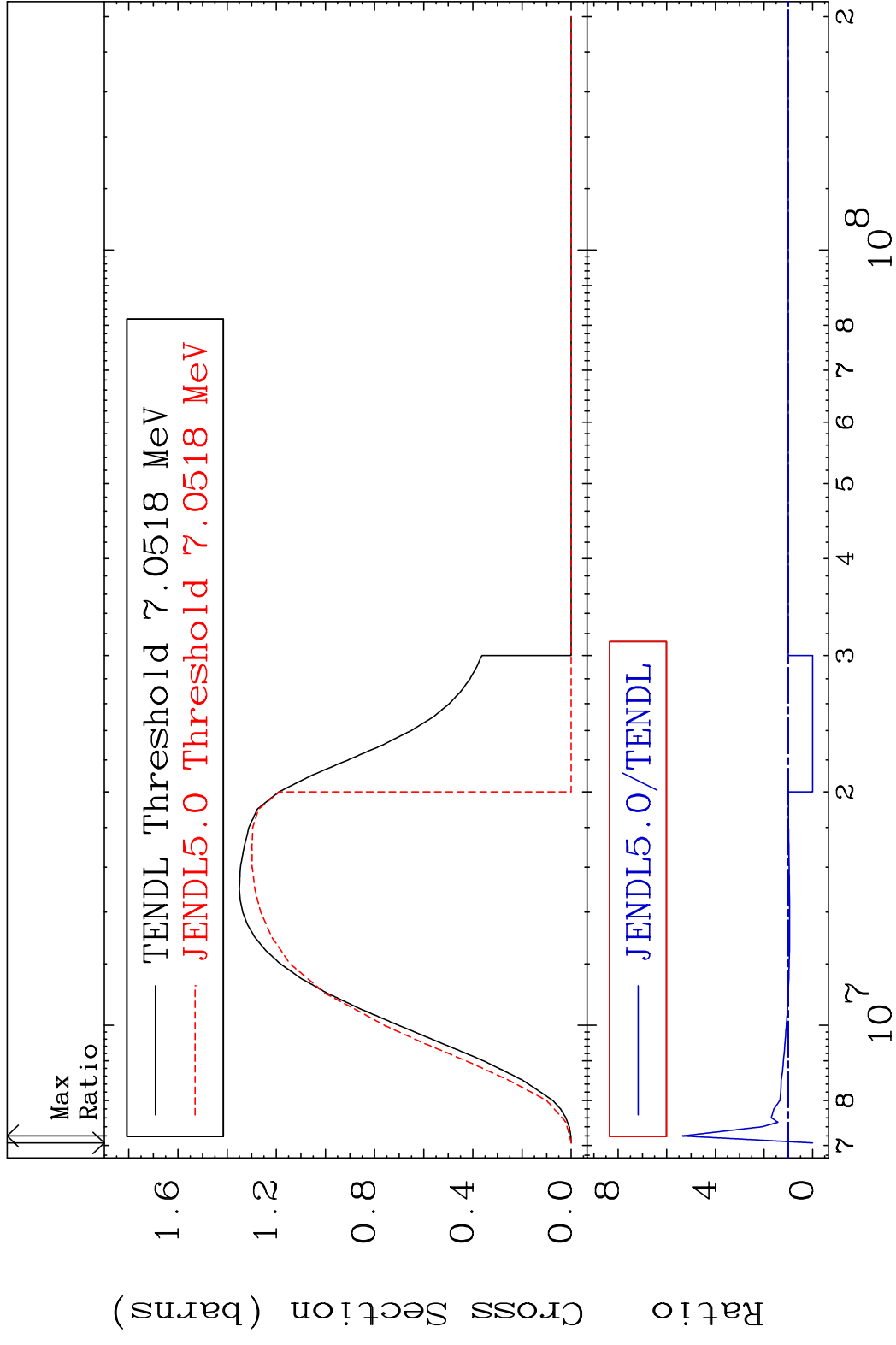
3 3 4 5 6 7 8 3 4 5 6 7 8 2 34-Se-79

MAT 3440 (n, remainder) 34-Se-79
 Cross Section -1.484 To 5.949 %



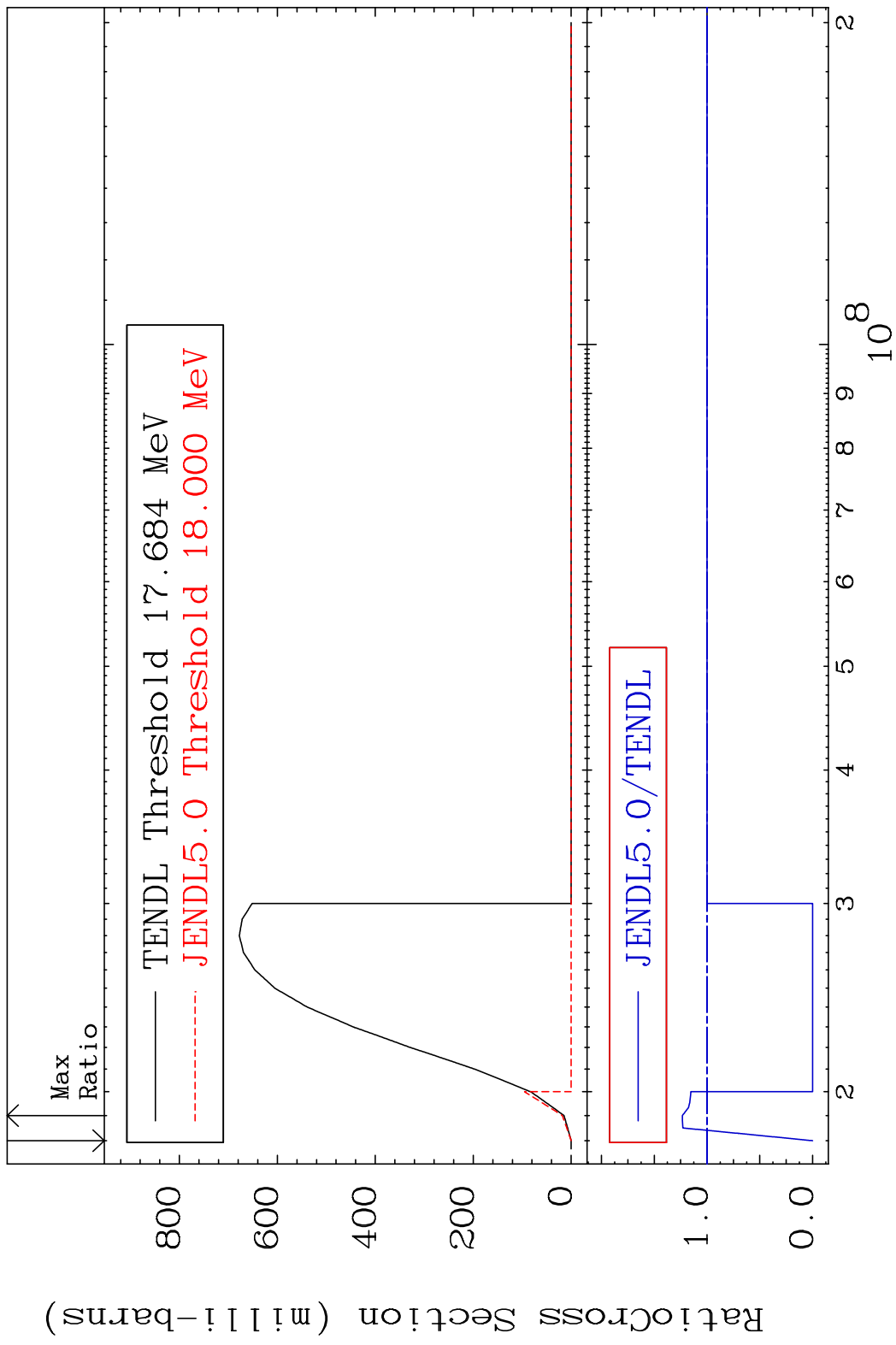
4 Incident Energy (eV) 34-Se-79

MAT 3440 (n,2n) 34-Se-79
 Cross Section -100.0 To 435.8 %

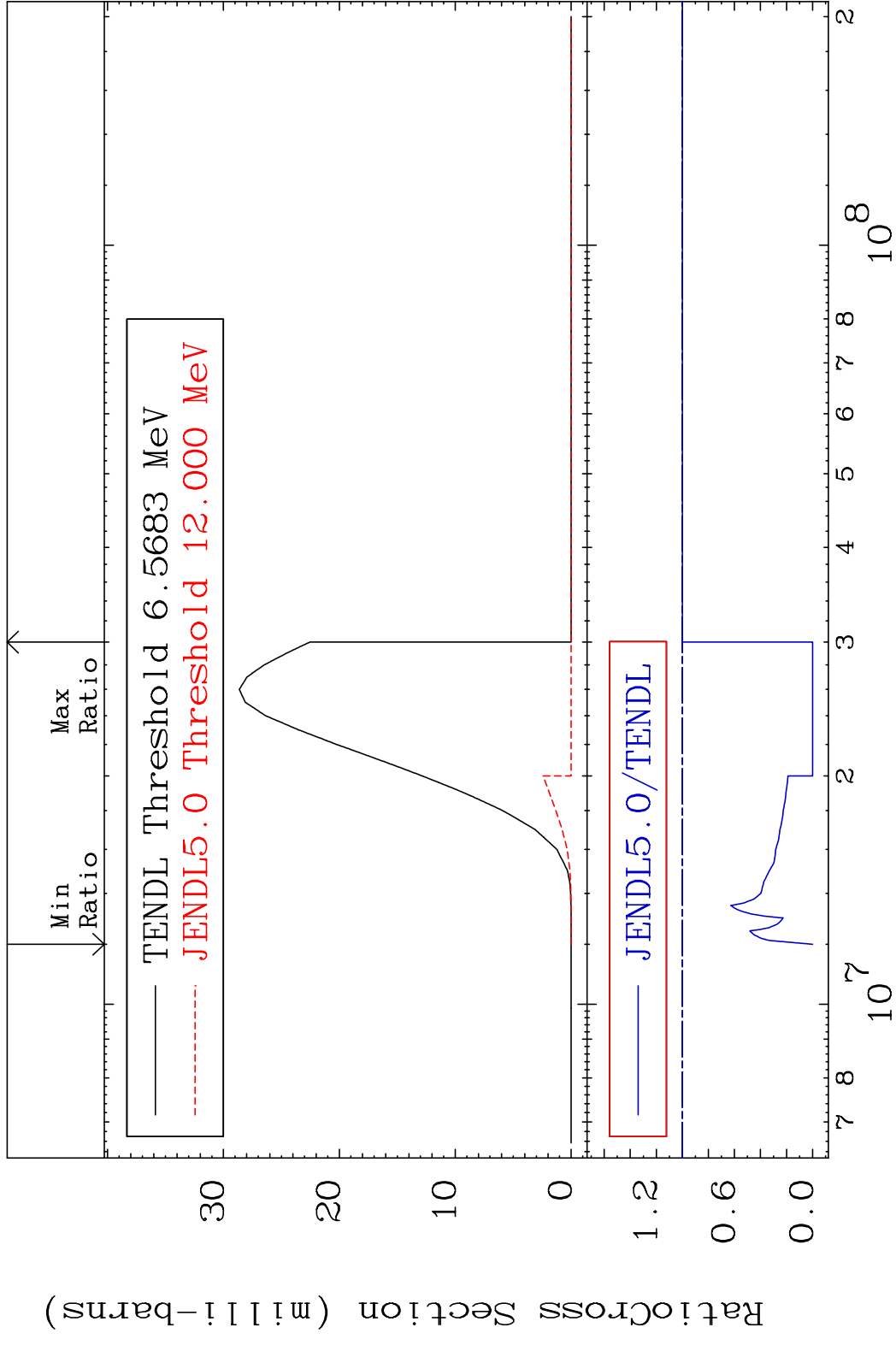


5 Incident Energy (eV) 34-Se-79

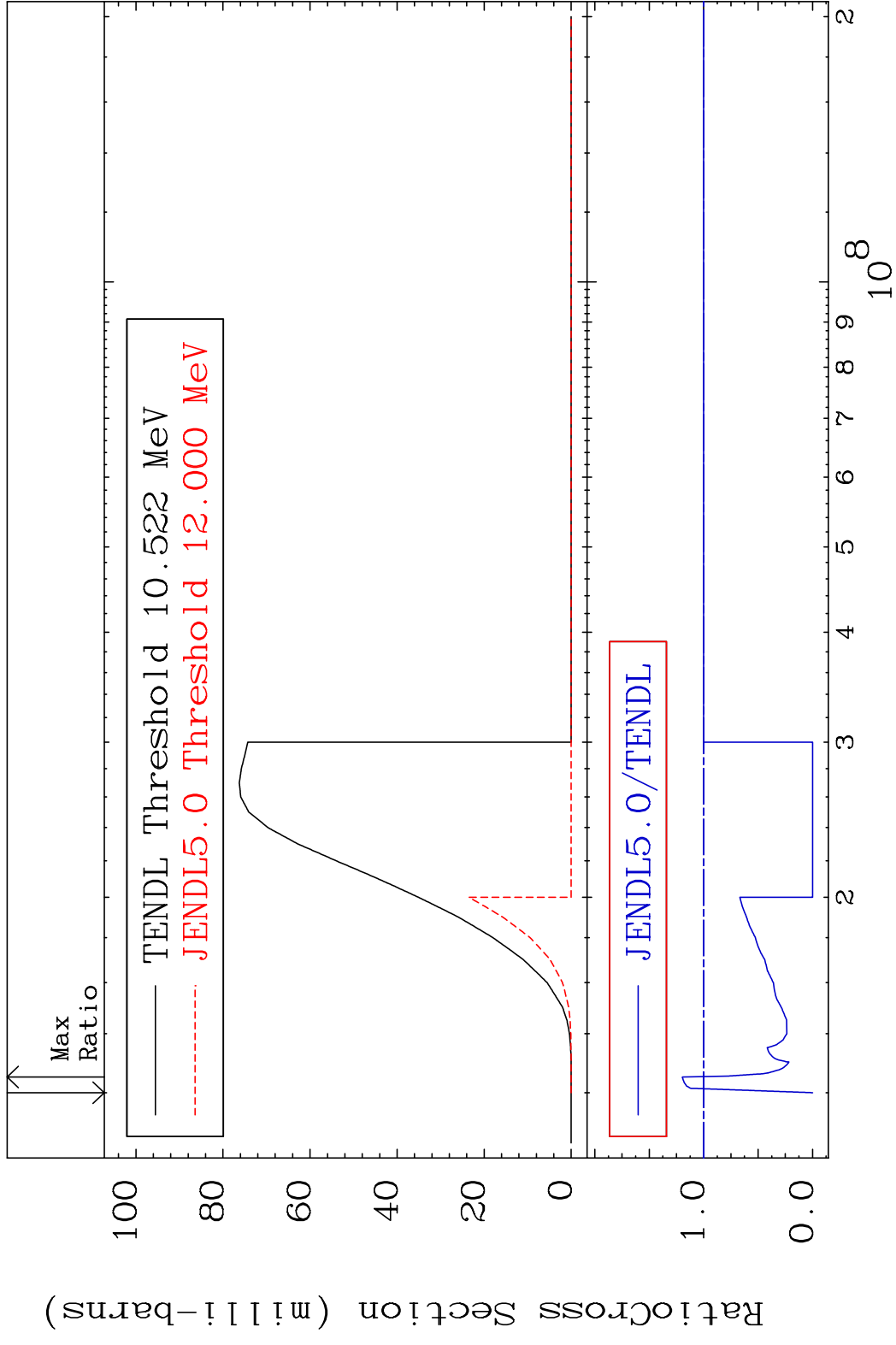
MAT 3440 (n,3n) 34-Se-79
 Cross Section -100.0 To 23.37 %



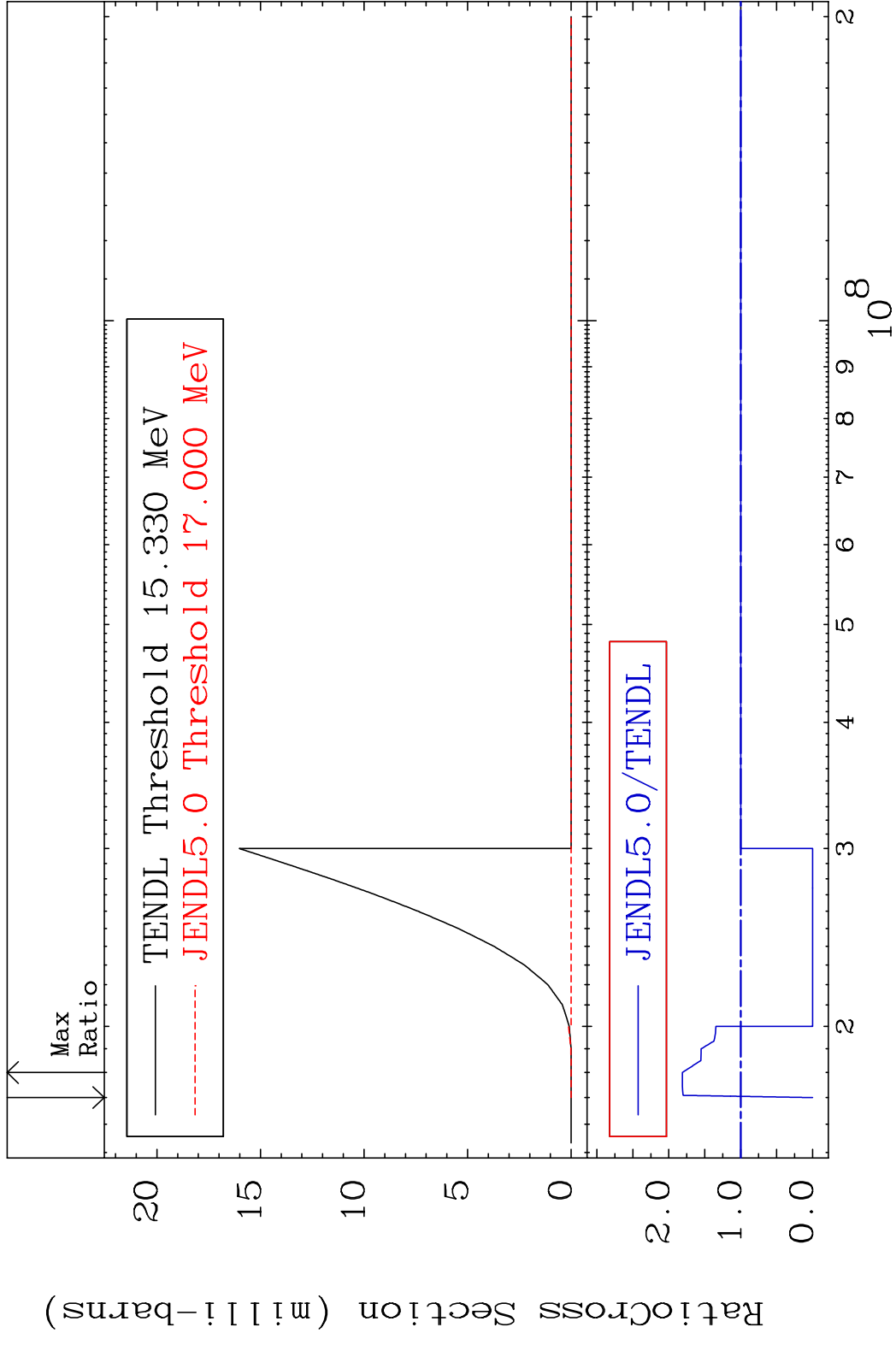
MAT 3440 (n, n') α 34-Se-79
 Cross Section -100.0 To 0.000 %



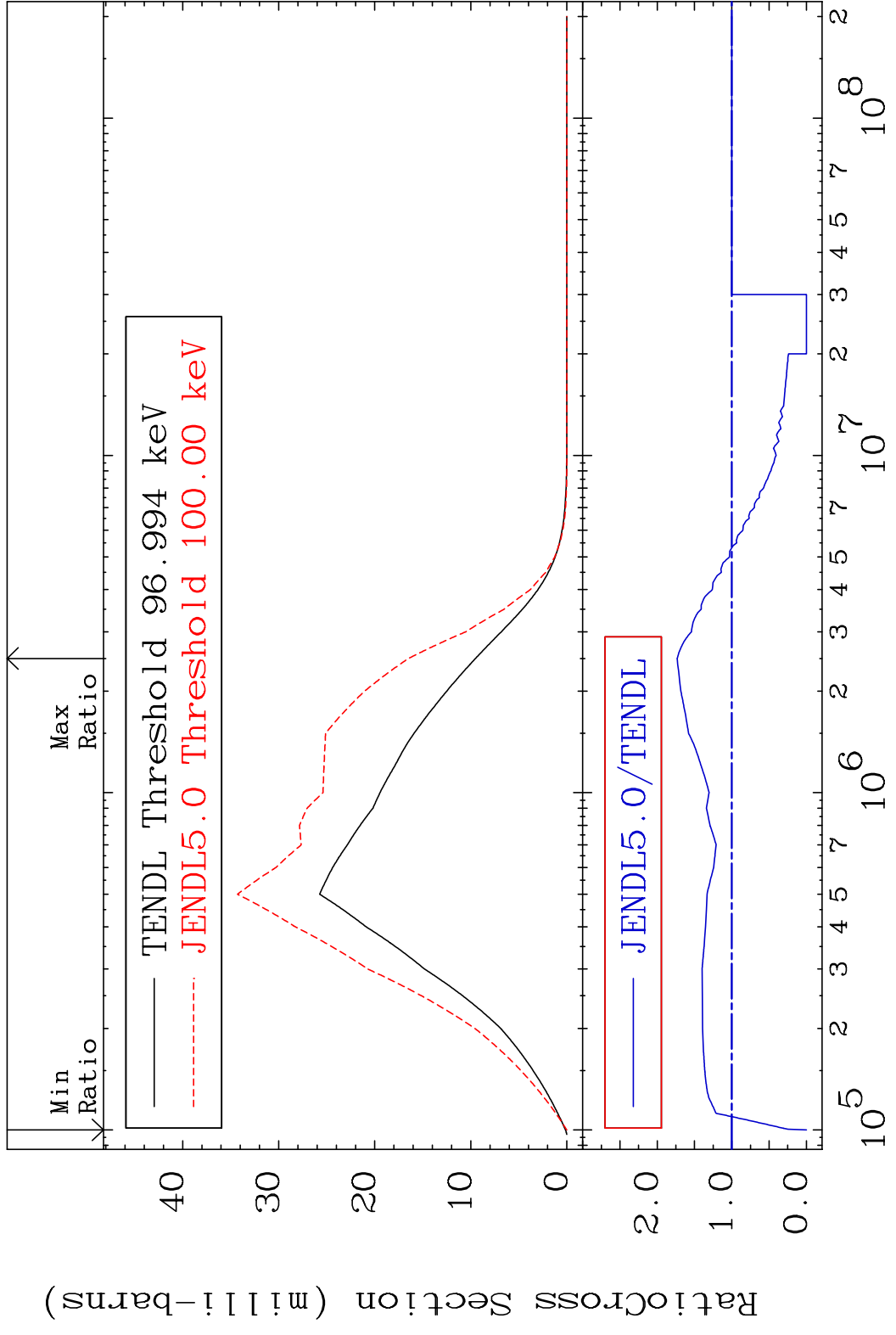
MAT 3440 (n, n') p 34-Se-79
 Cross Section -100.0 To 19.59 %



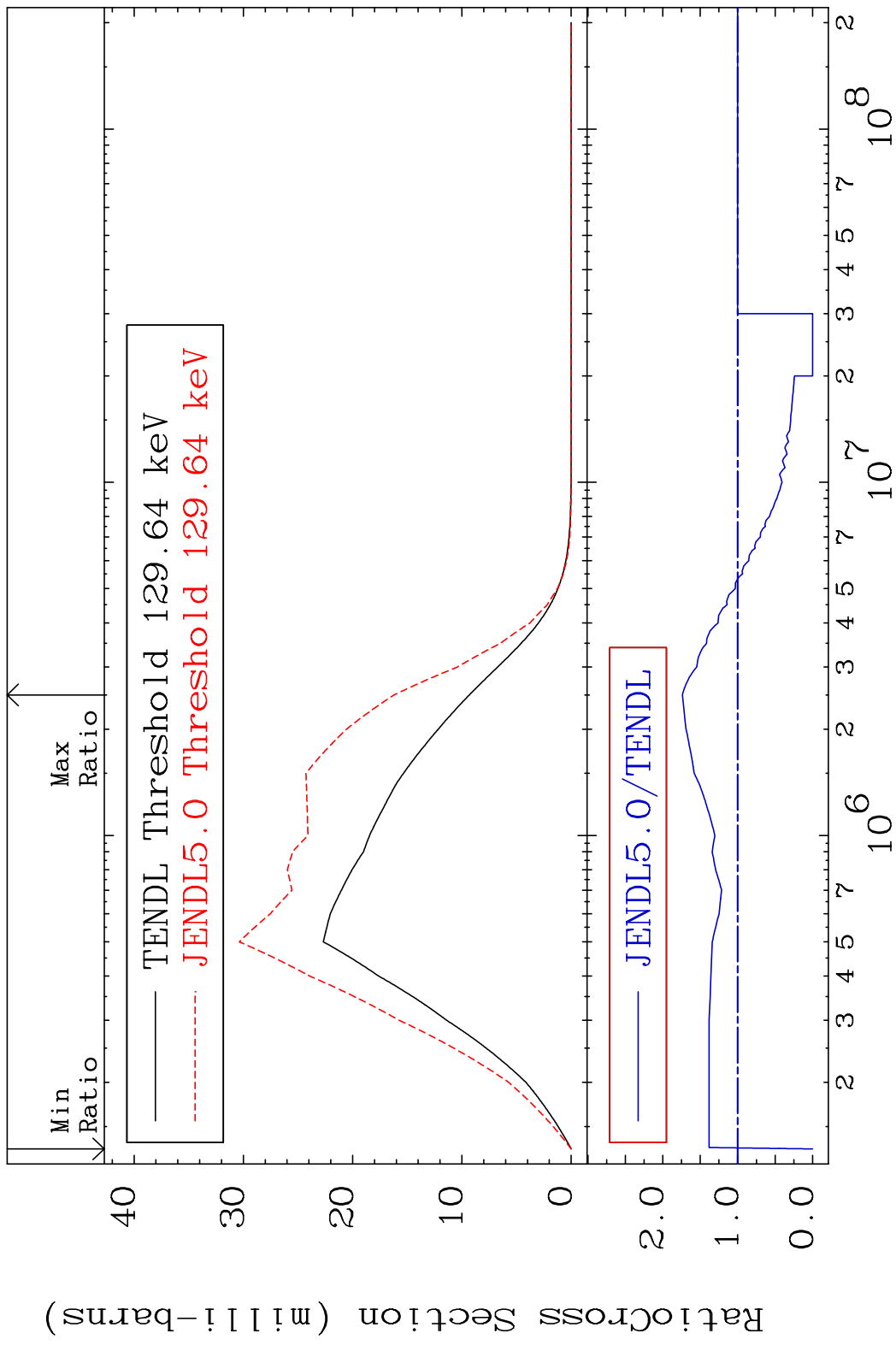
MAT 3440 (n, n') d 34-Se-79
 Cross Section -100.0 To 81.16 %



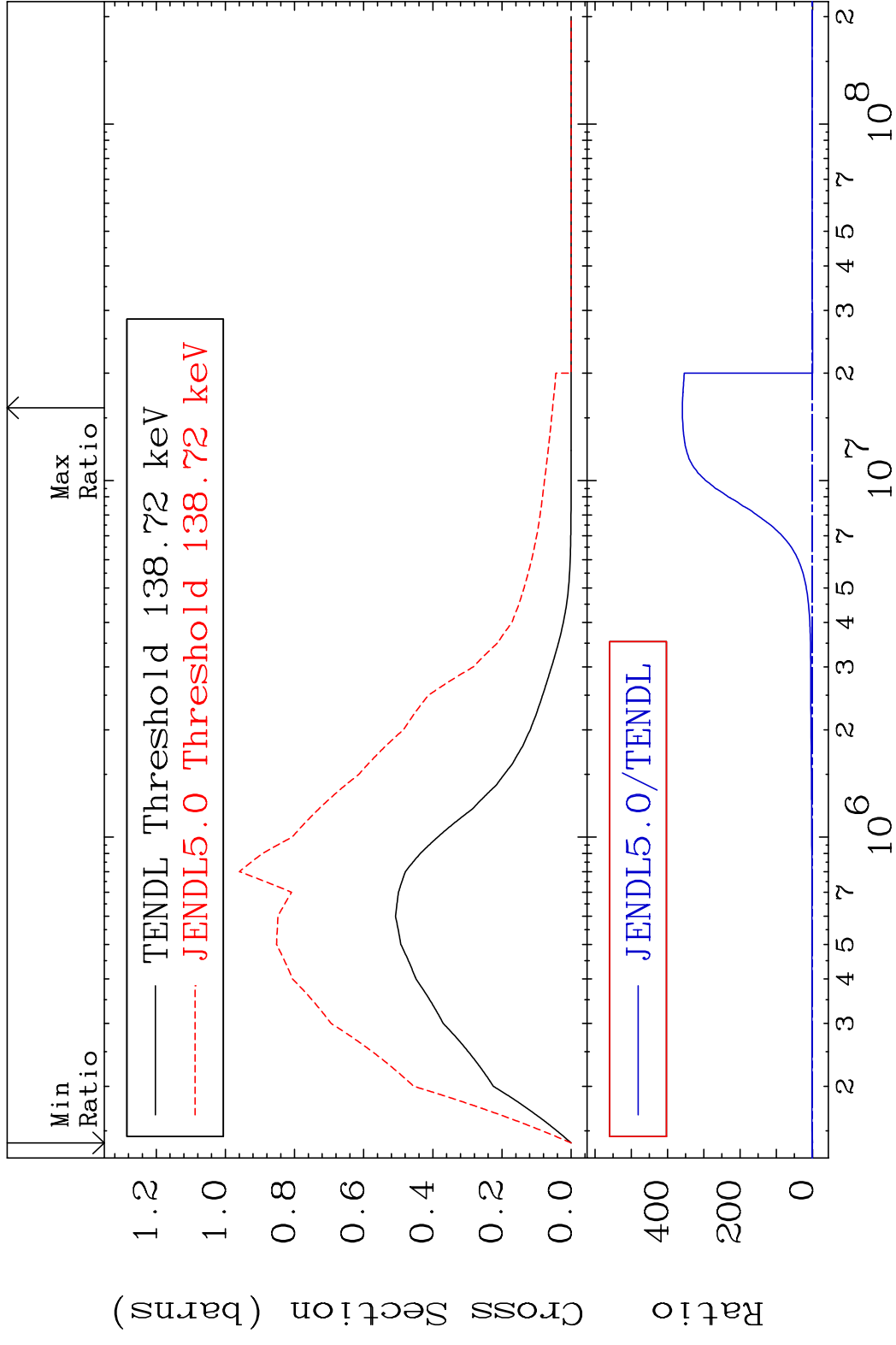
MAT 3440 MT= 51 (n, n') Level 34-Se-79
 Cross Section -100.0 To 73.25 %



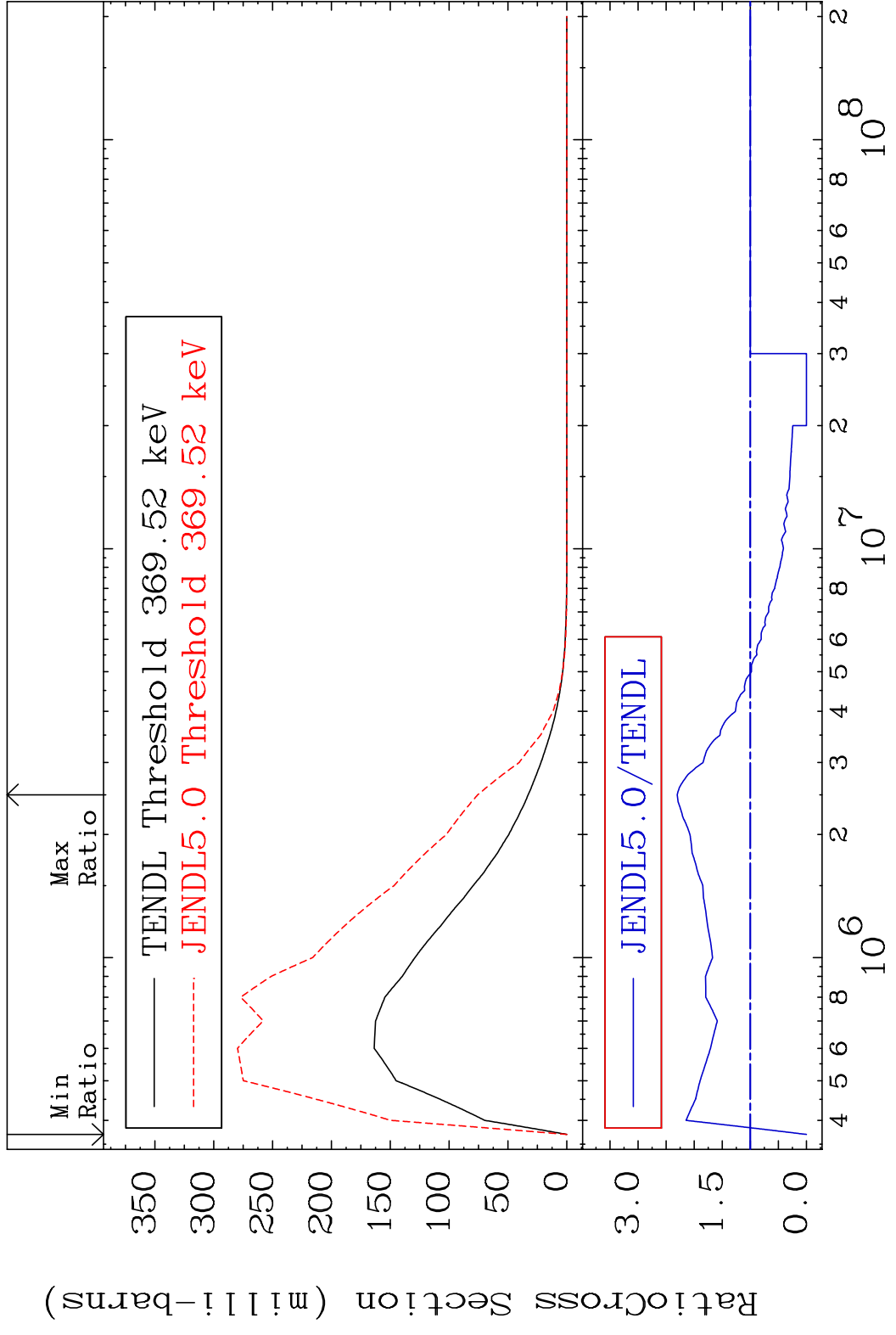
MAT 3440 MT= 52 (n, n') Level 34-Se-79
 Cross Section -100.0 To 73.87 %



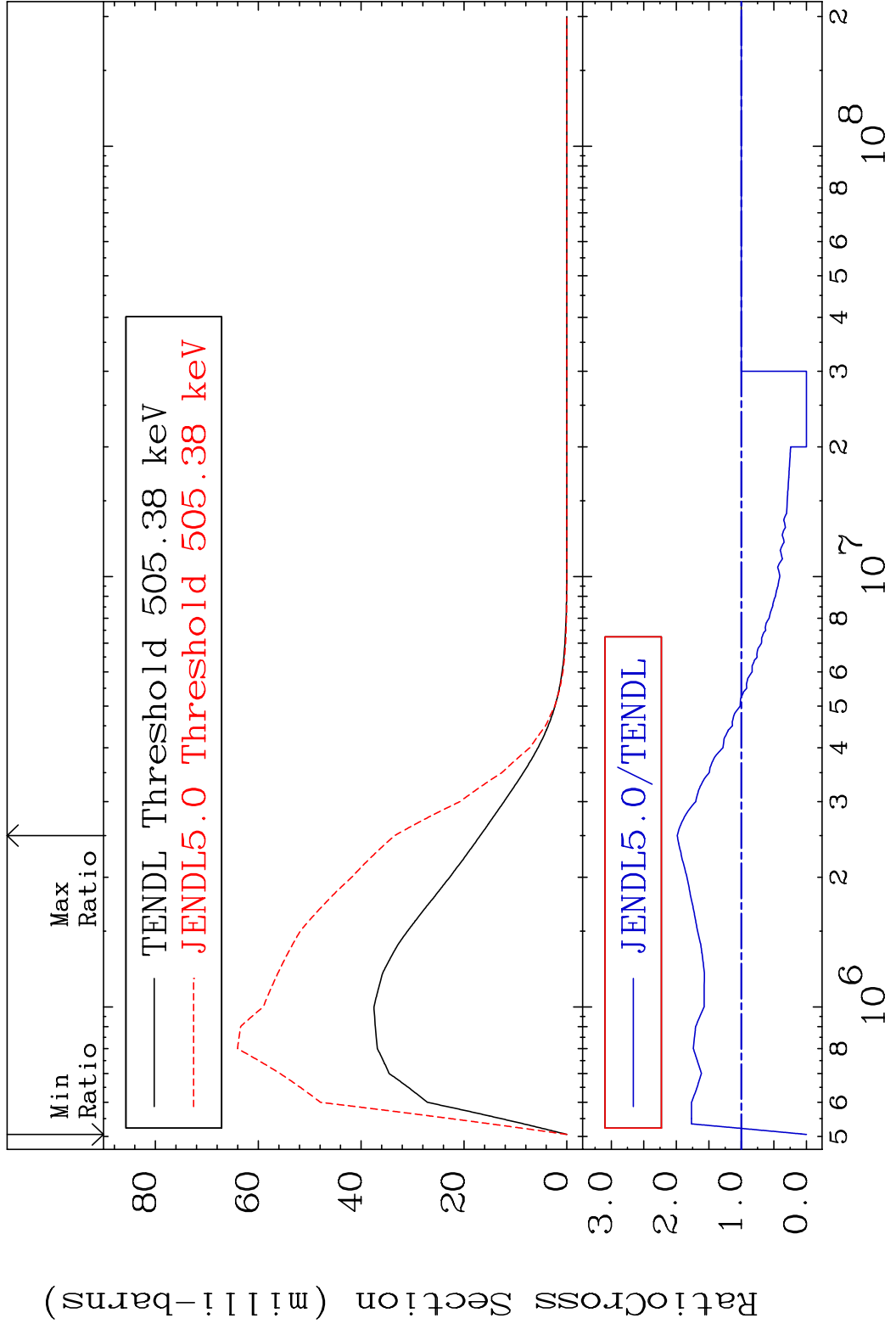
MAT 3440 MT= 53 (n, n') Level 34-Se-79
 Cross Section -100.0 To 9999. %



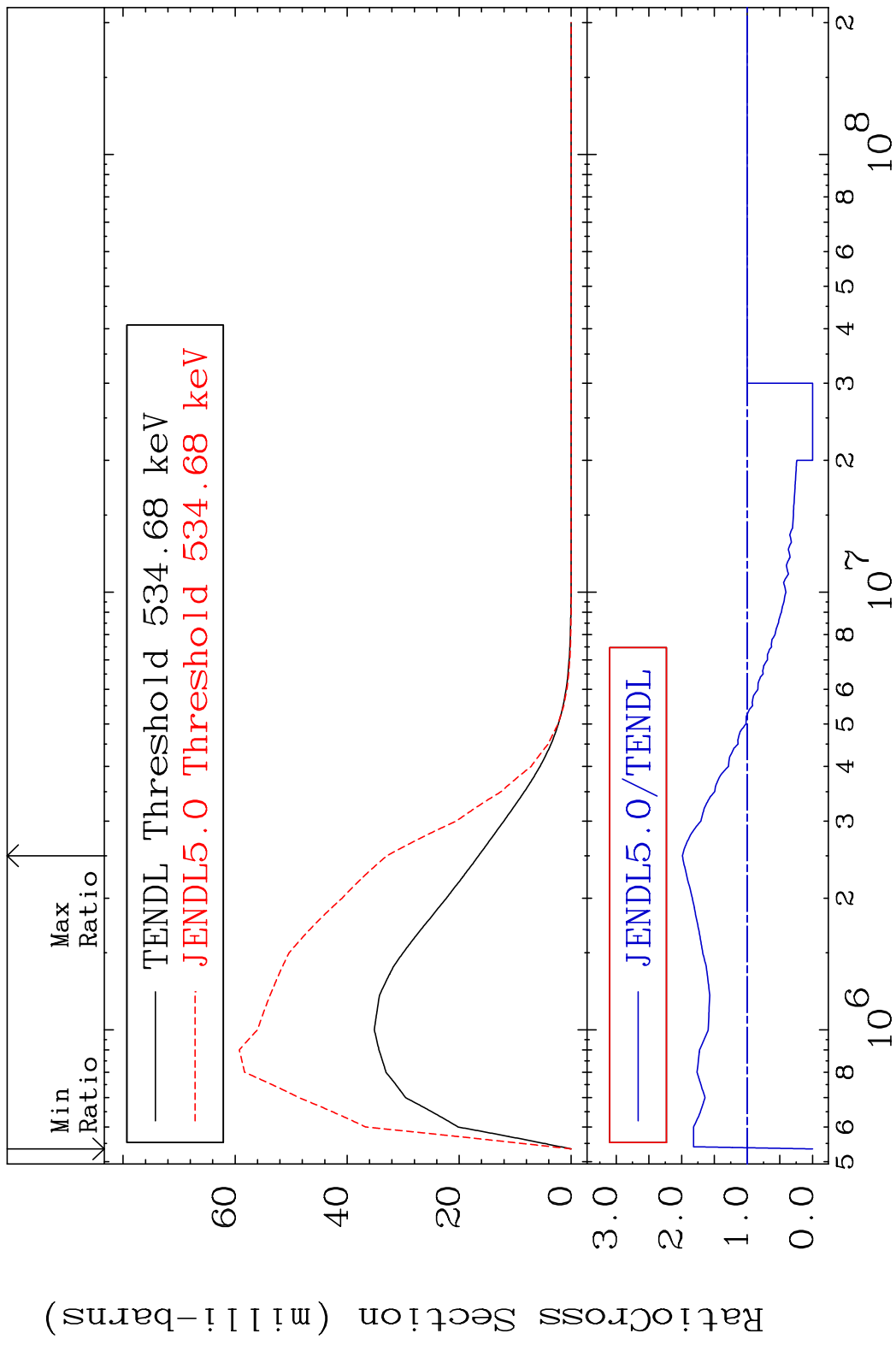
MAT 3440 MT= 54 (n,n') Level 34-Se-79
 Cross Section -100.0 To 130.3 %



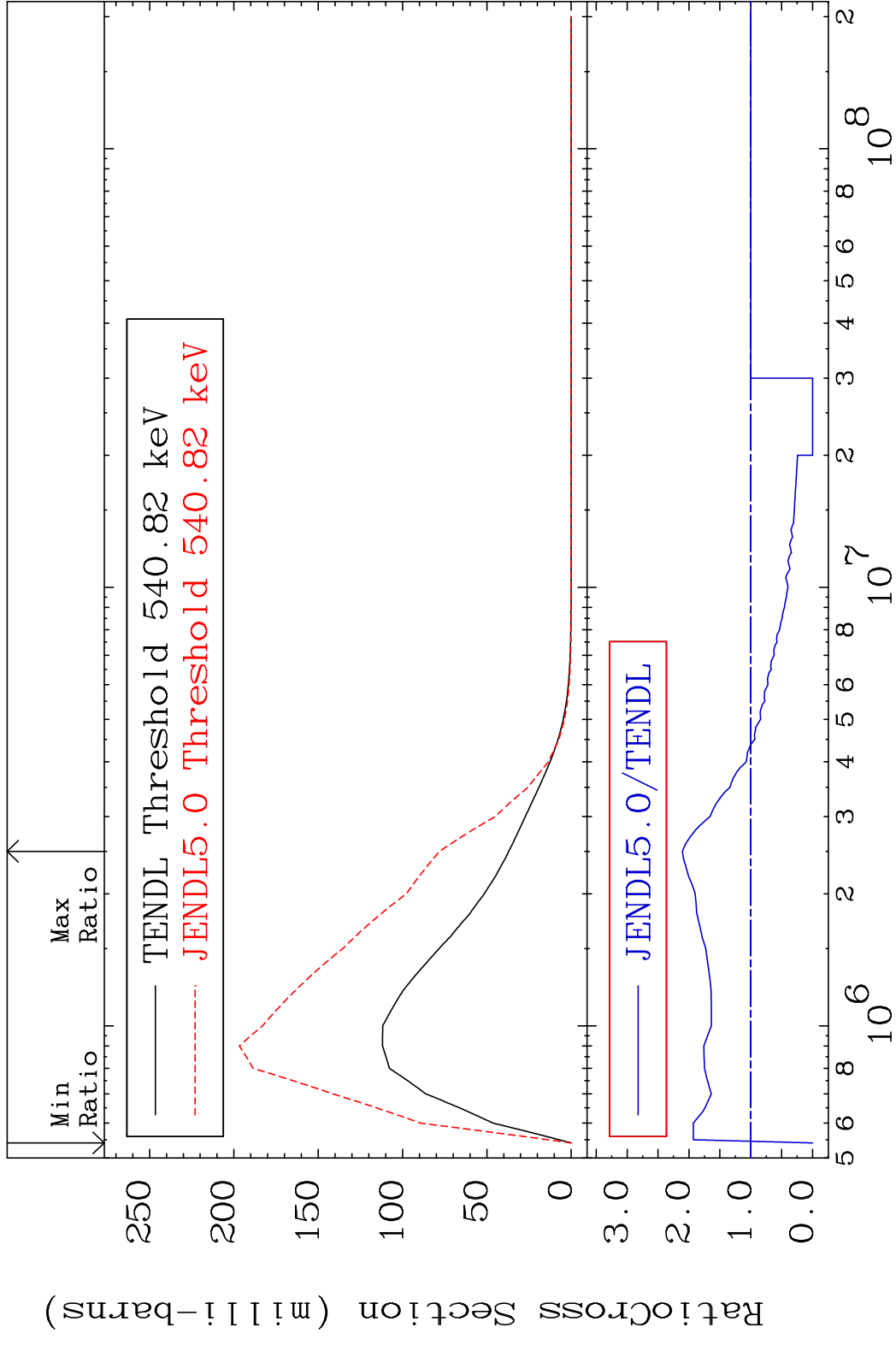
MAT 3440 MT= 55 (n,n') Level 34-Se-79
 Cross Section -100.0 To 98.64 %



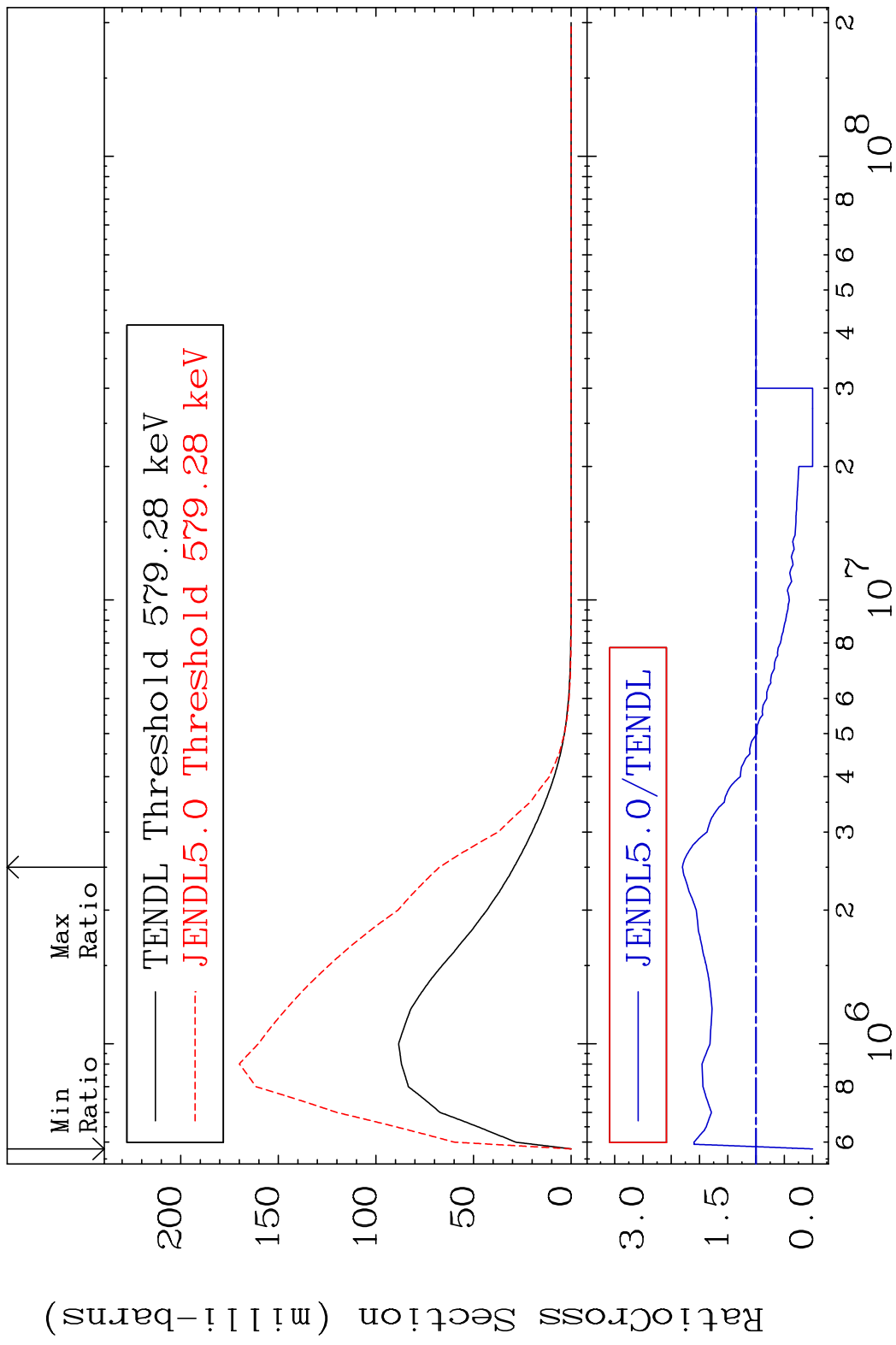
MAT 3440 MT= 56 (n,n') Level 34-Se-79
 Cross Section -100.0 To 98.91 %



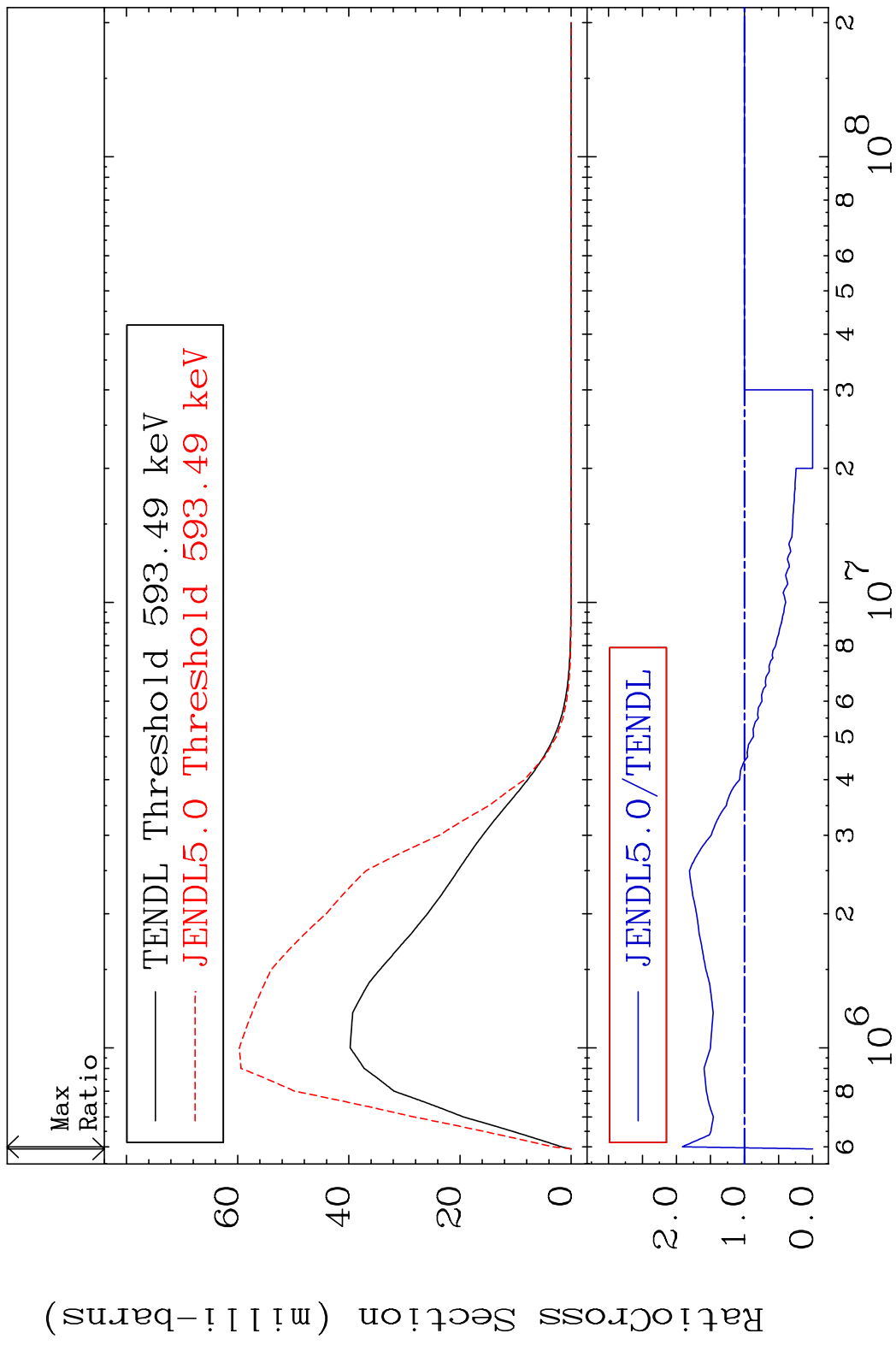
MAT 3440 MT= 57 (n, n') Level 34-Se-79
 Cross Section -100.0 To 110.7 %



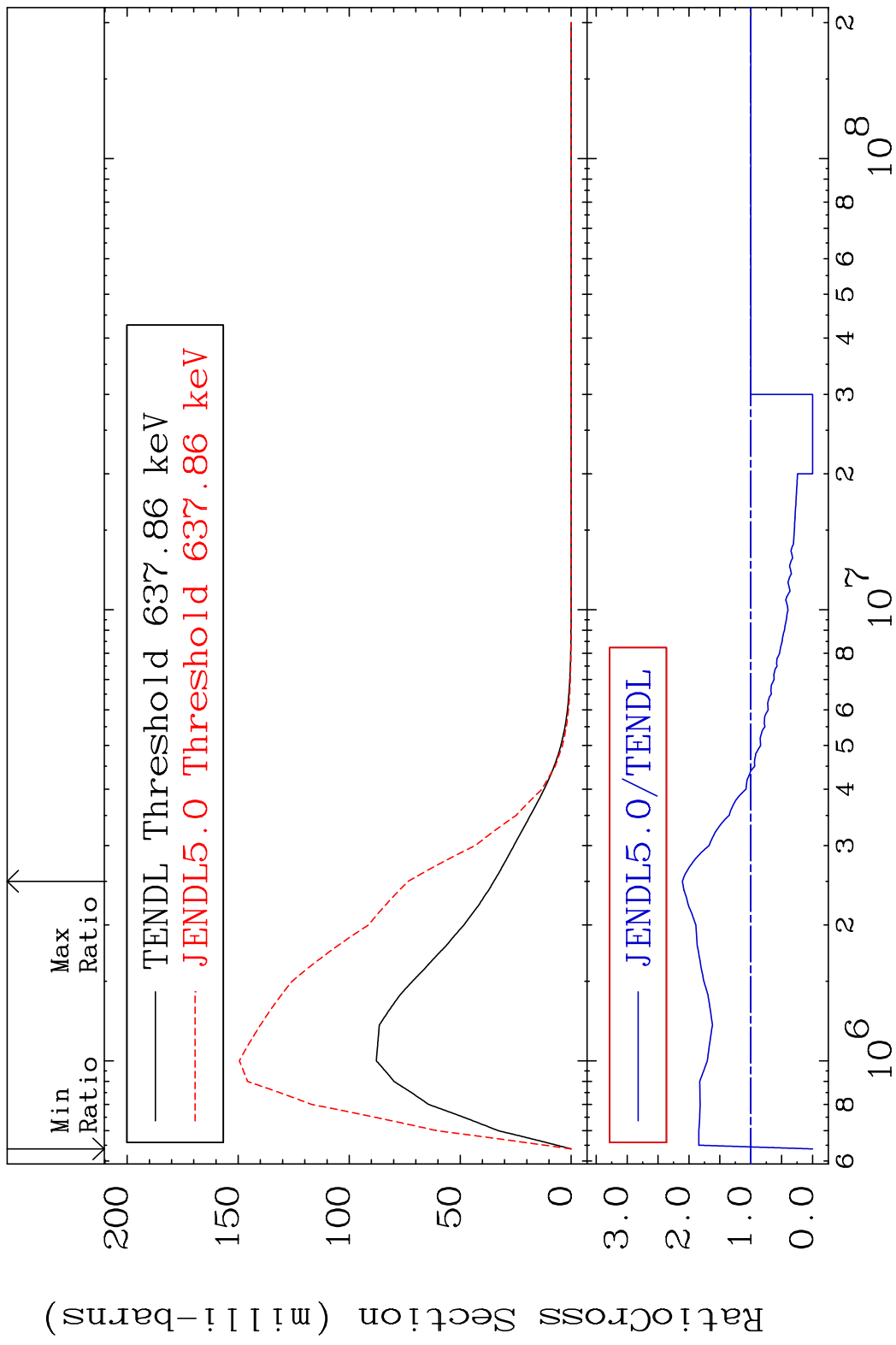
MAT 3440 MT= 58 (n,n') Level 34-Se-79
 Cross Section -100.0 To 130.2 %



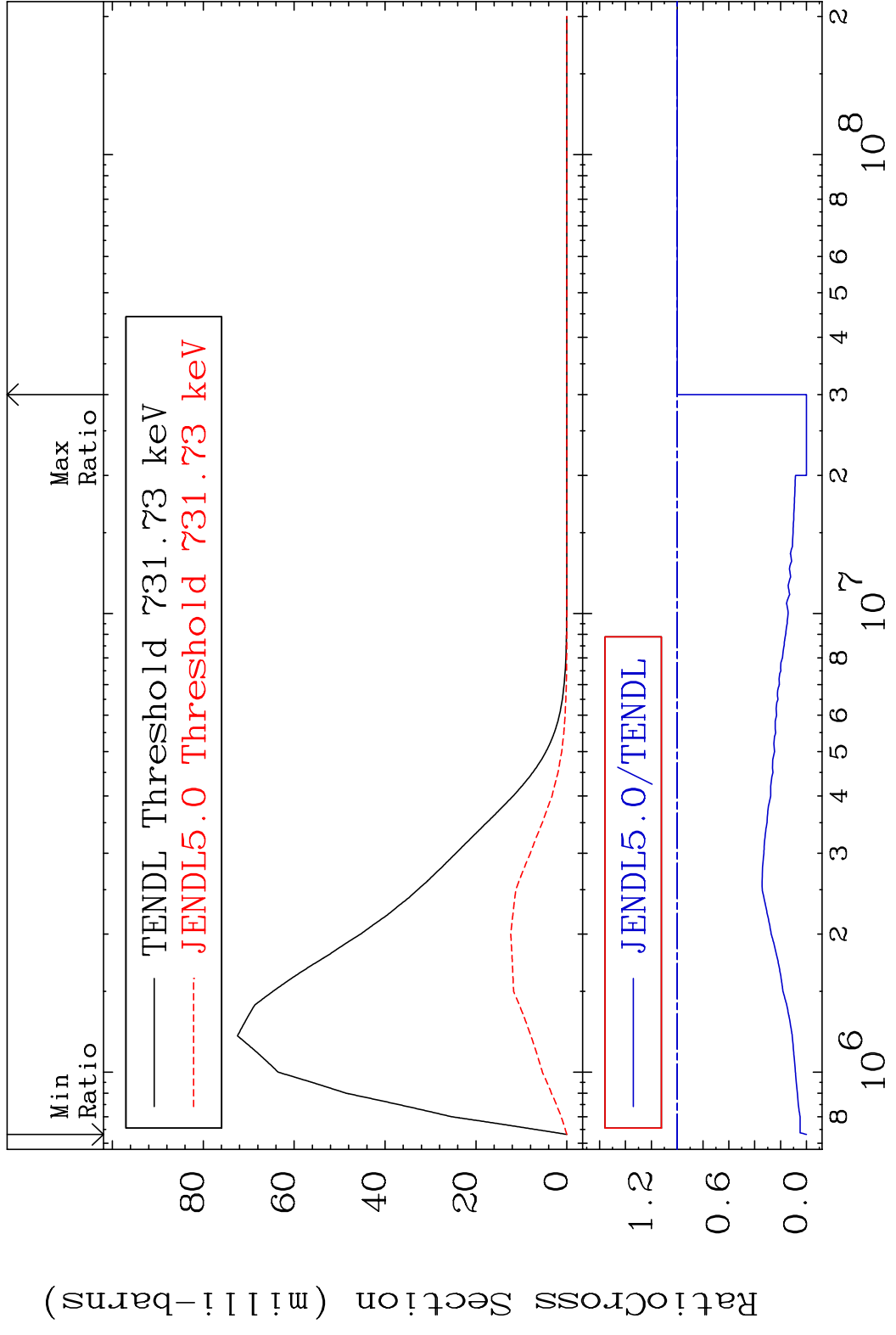
MAT 3440 MT= 59 (n,n') Level 34-Se-79
 Cross Section -100.0 To 91.32 %



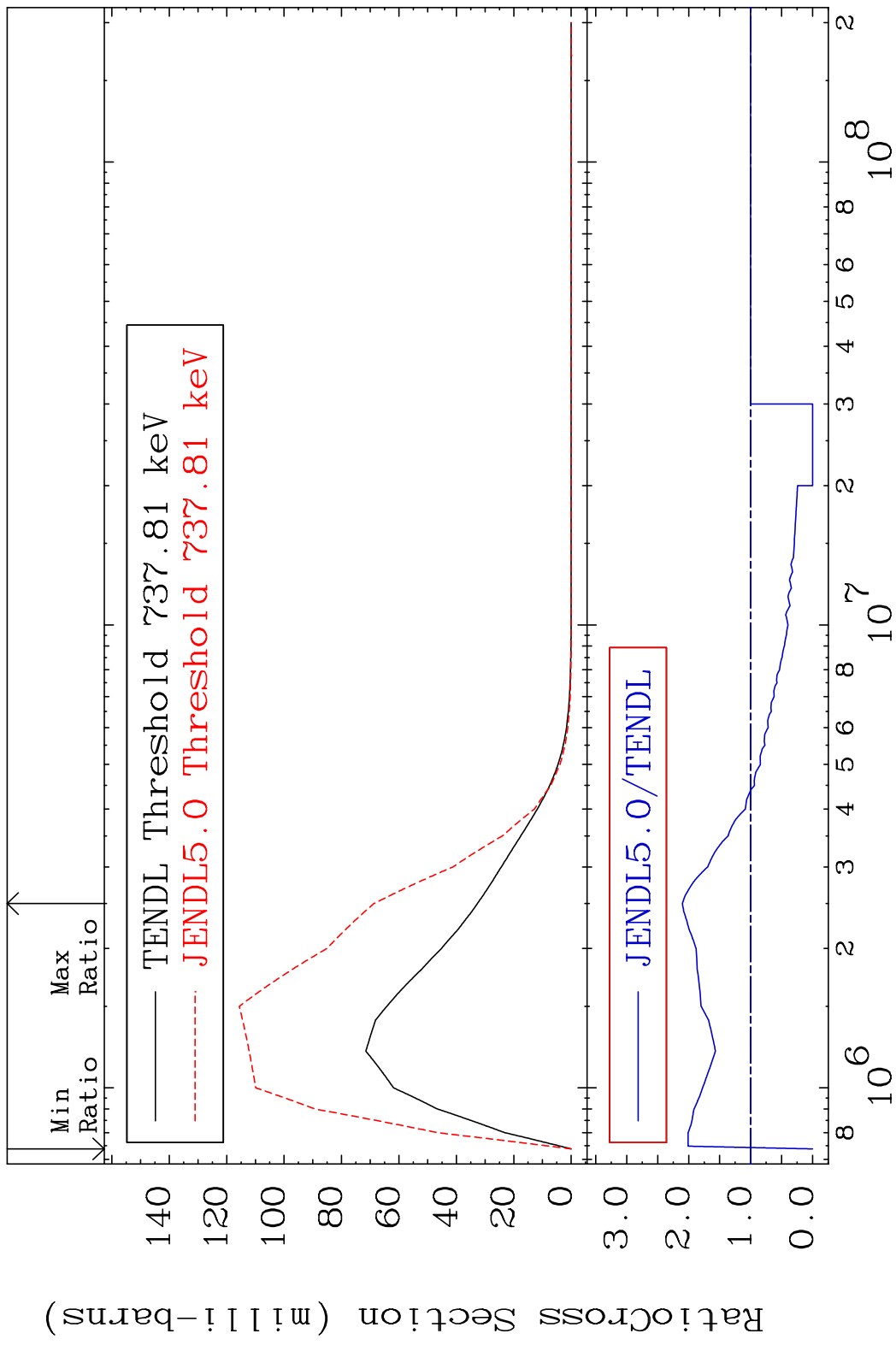
MAT 3440 MT= 60 (n,n') Level 34-Se-79
 Cross Section -100.0 To 110.7 %



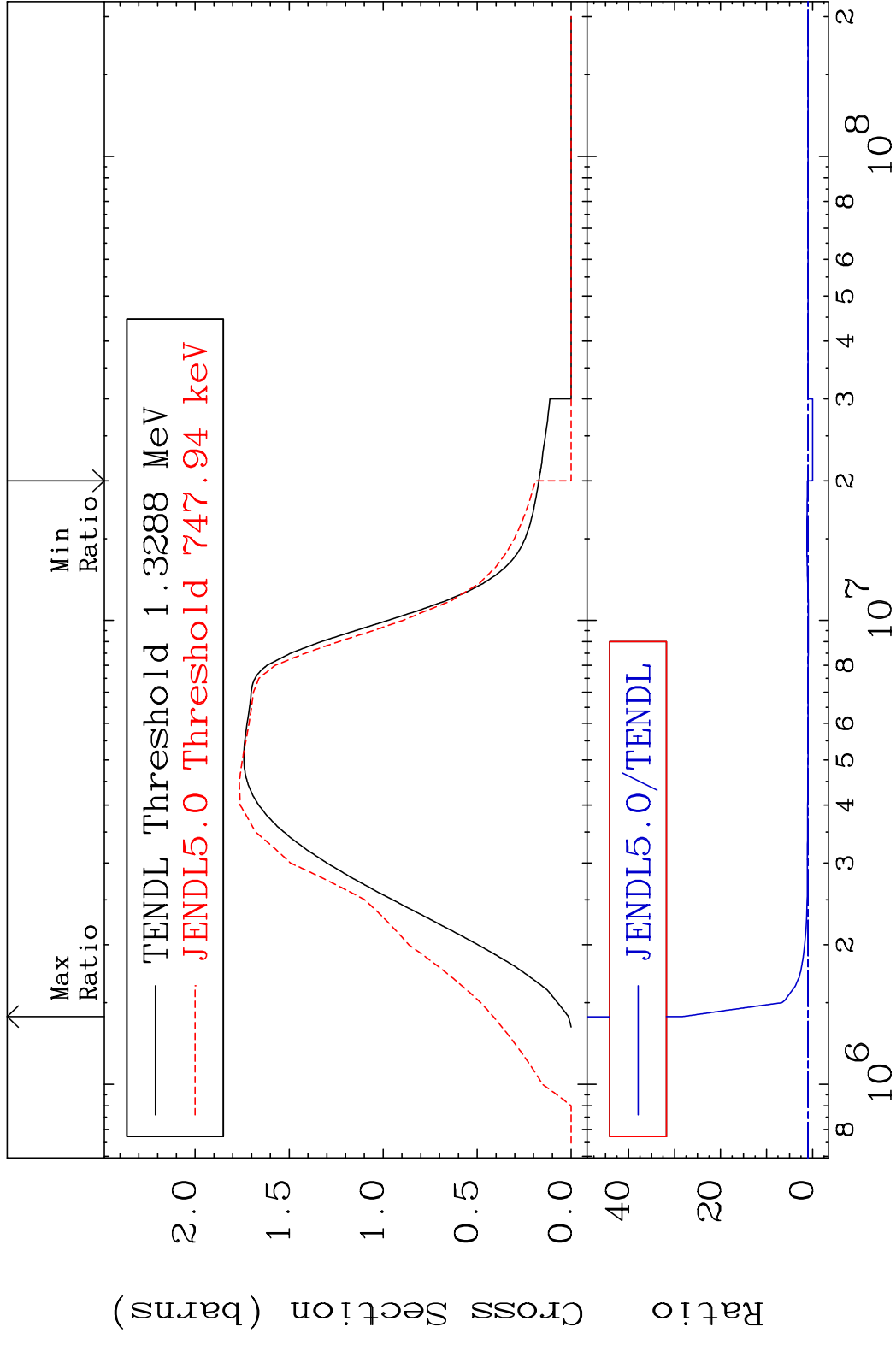
MAT 3440 MT= 61 (n, n') Level 34-Se-79
 Cross Section -100.0 To 0.000 %



MAT 3440 MT= 62 (n, n') Level 34-Se-79
 Cross Section -100.0 To 110.3 %



MAT 3440 (n, n') Continuum 34-Se-79
 Cross Section -100.0 To 2730. %

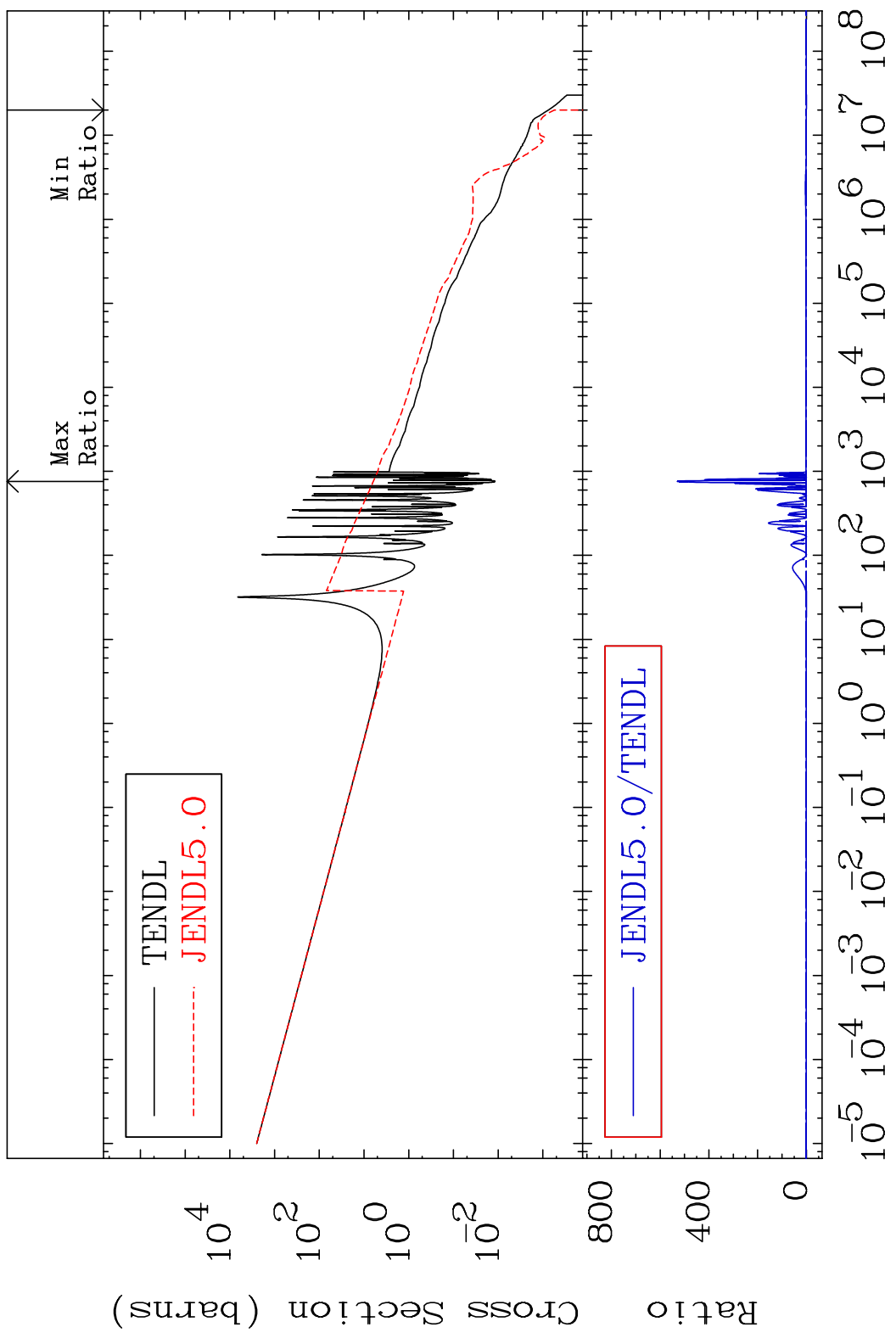


MAT 3440

(n, γ)

34-Se-79

Cross Section -100.0 To 9999. %

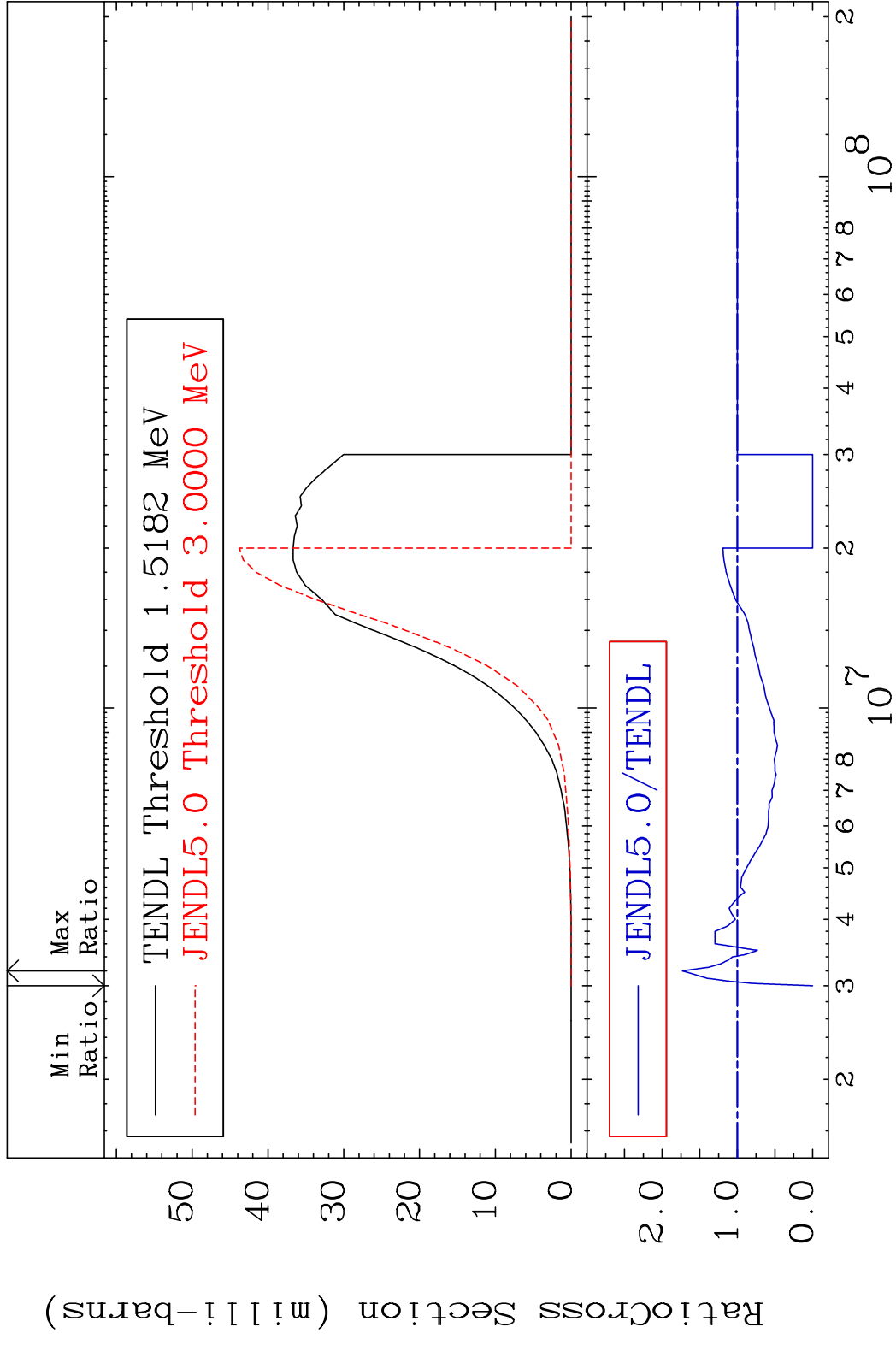


23

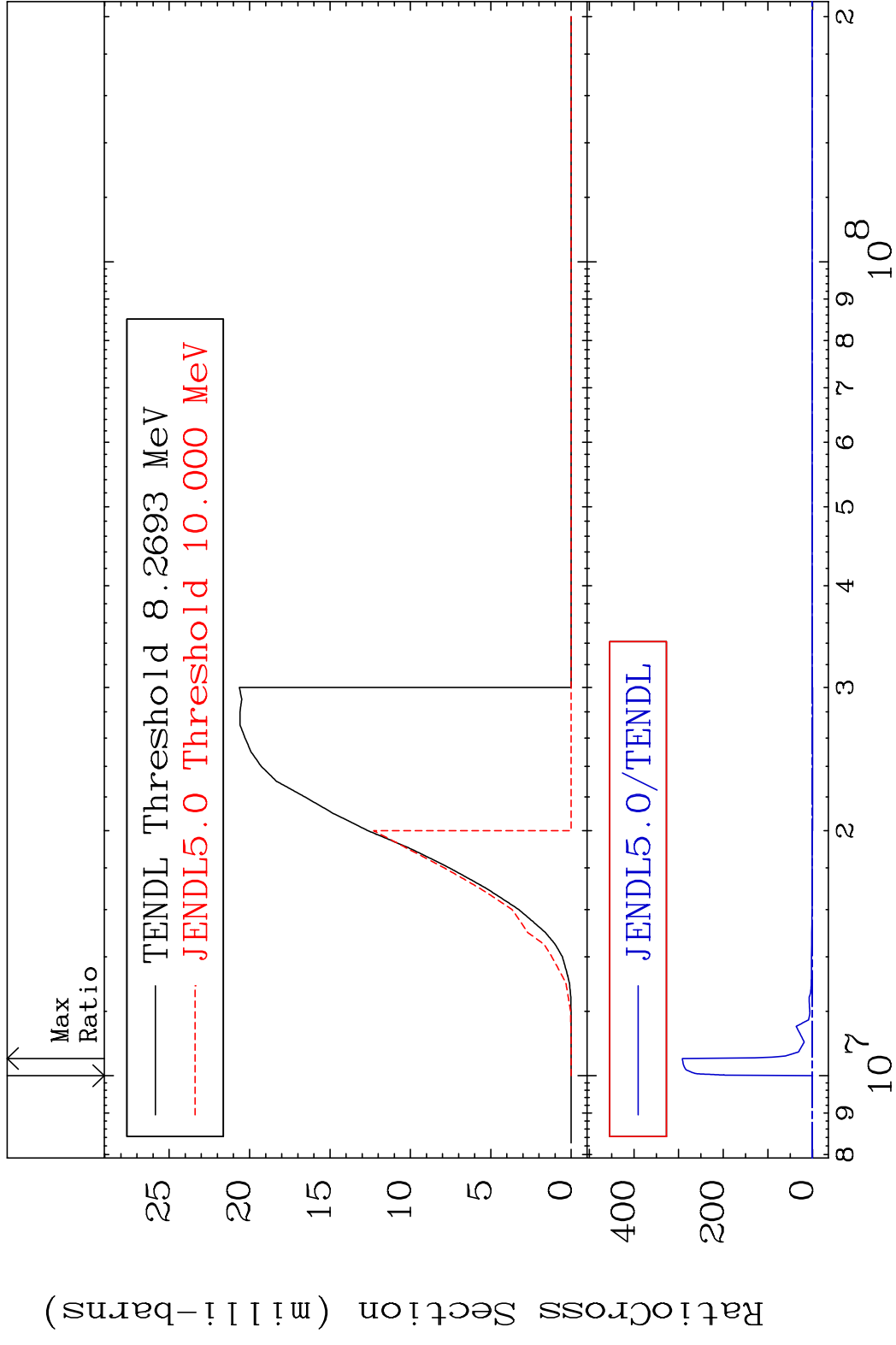
Incident Energy (eV)

34-Se-79

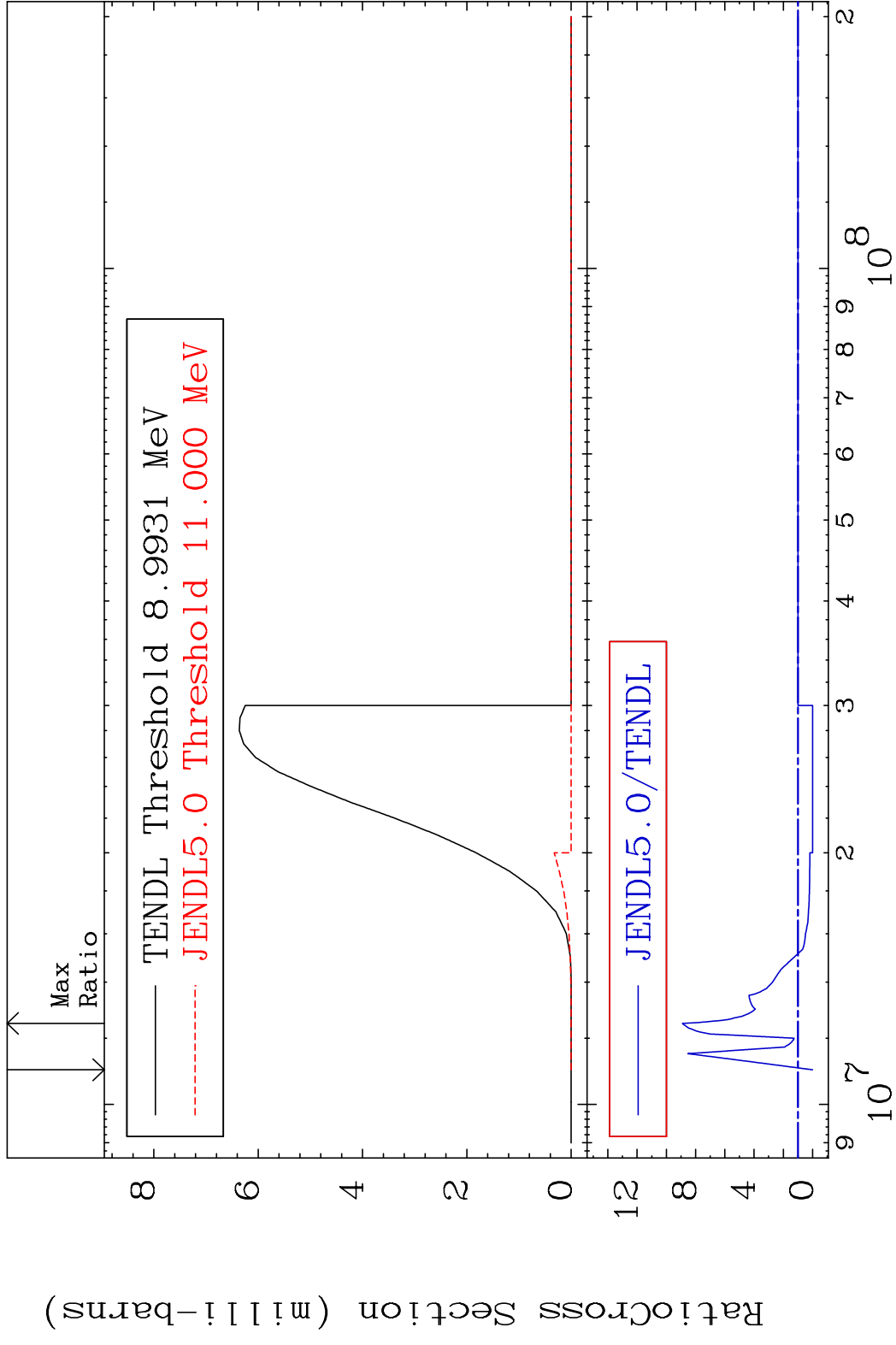
MAT 3440 (n,p) 34-Se-79
 Cross Section -100.0 To 73.11 %



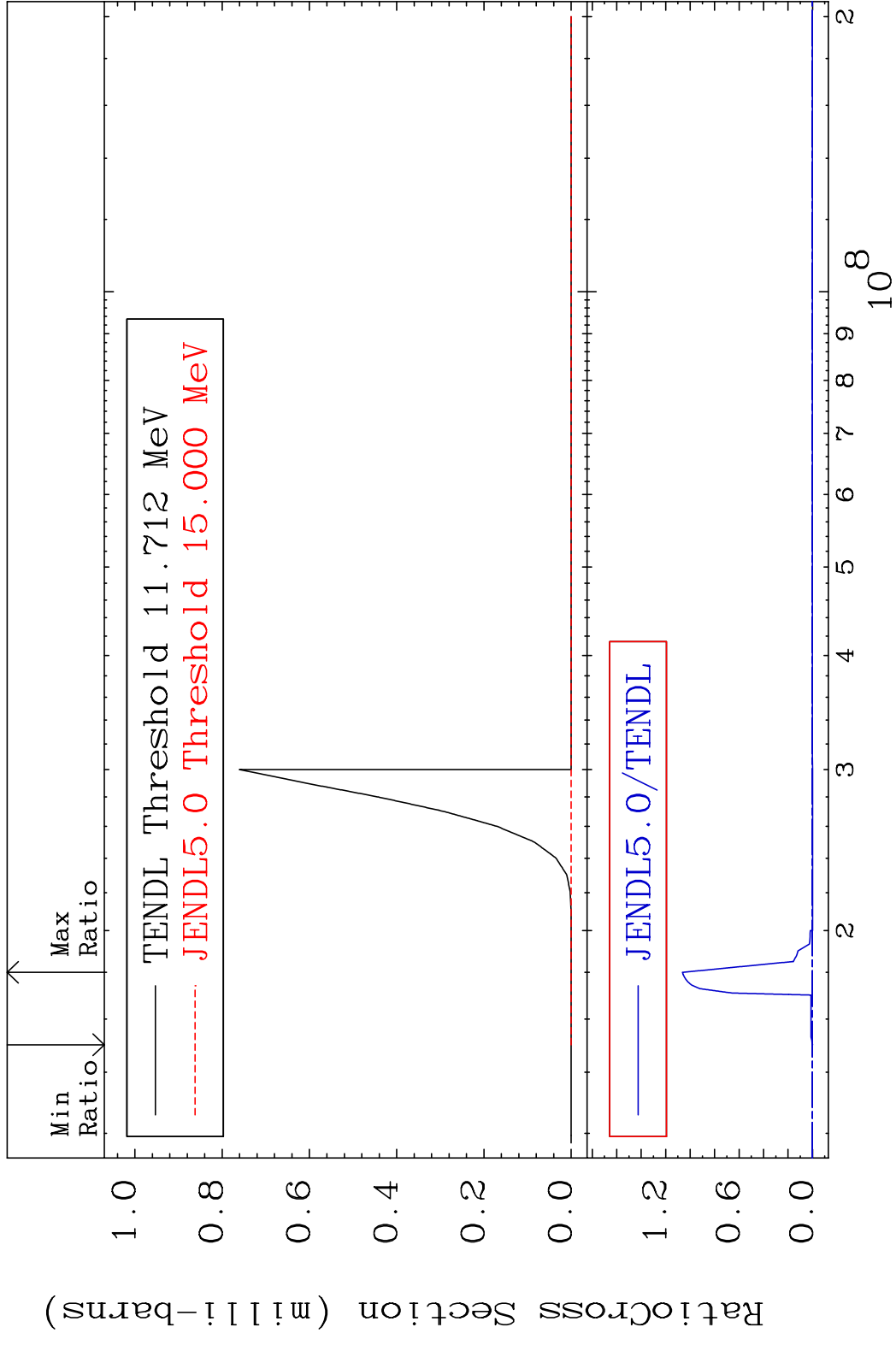
MAT 3440 (n,d) 34-Se-79
 Cross Section -100.0 To 9999. %



MAT 3440 (n, t) 34-Se-79
 Cross Section -100.0 To 790.5 %



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

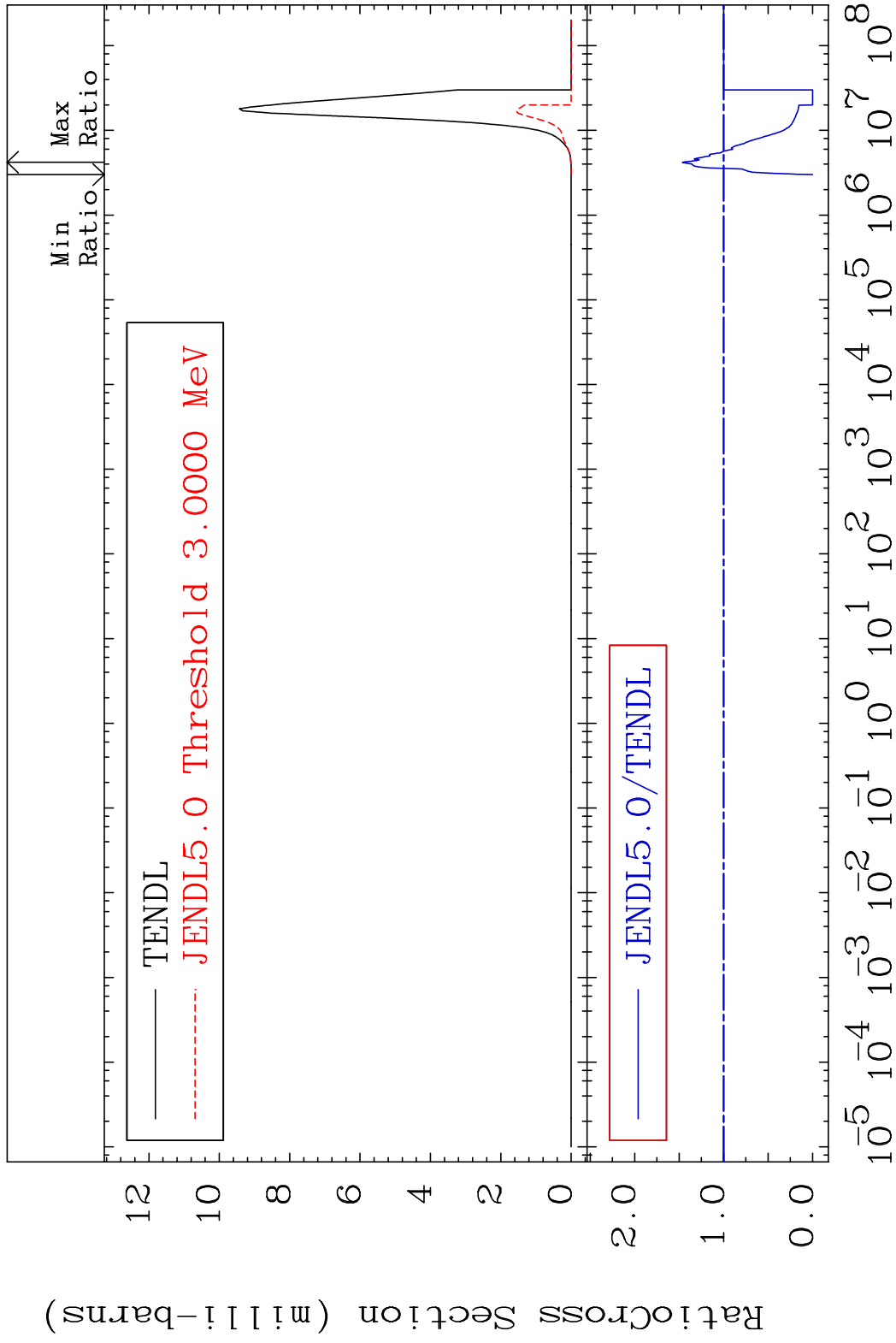


MAT 3440

(n, α)

34-Se-79

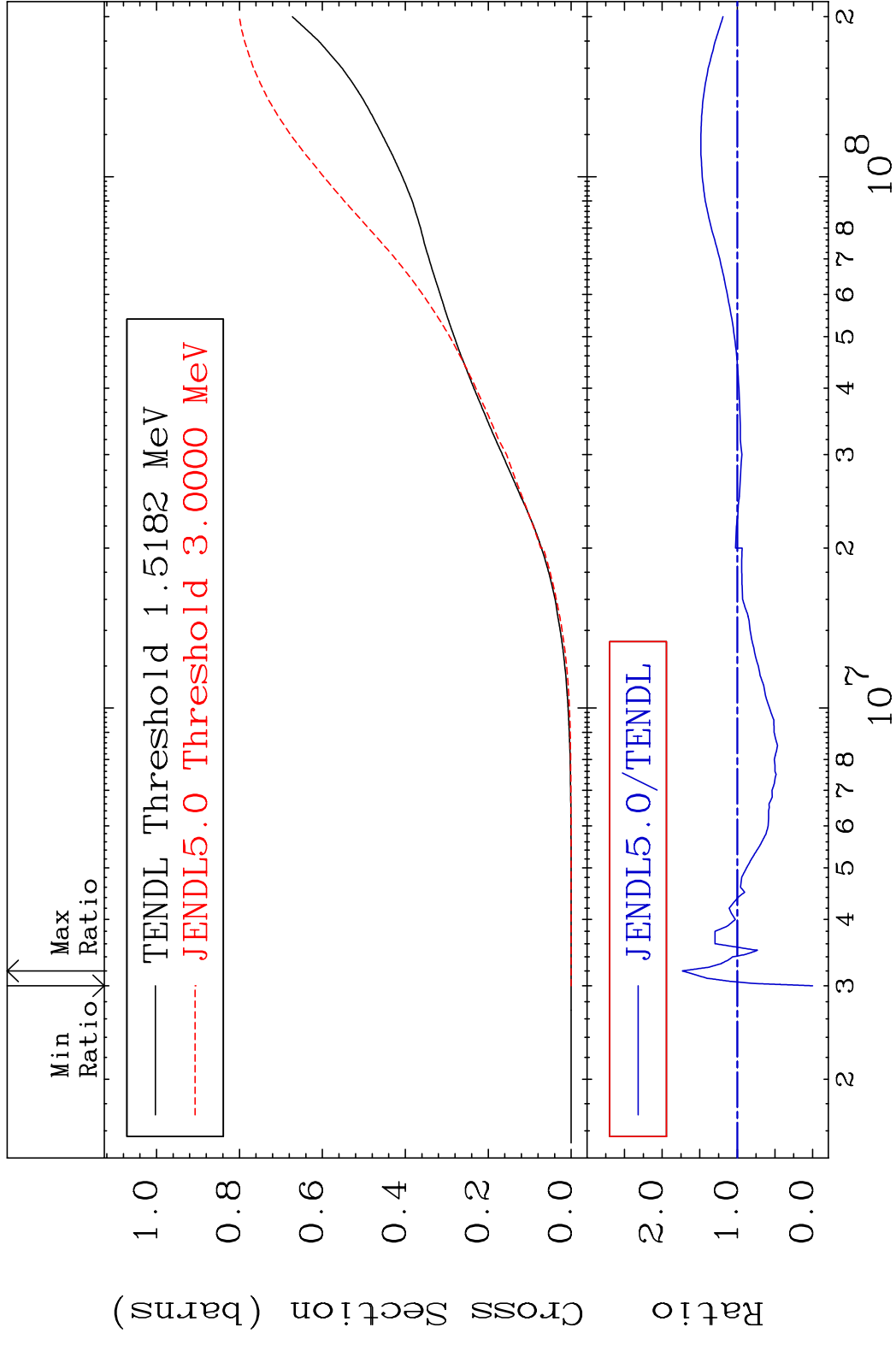
Cross Section -100.0 To 46.40 %



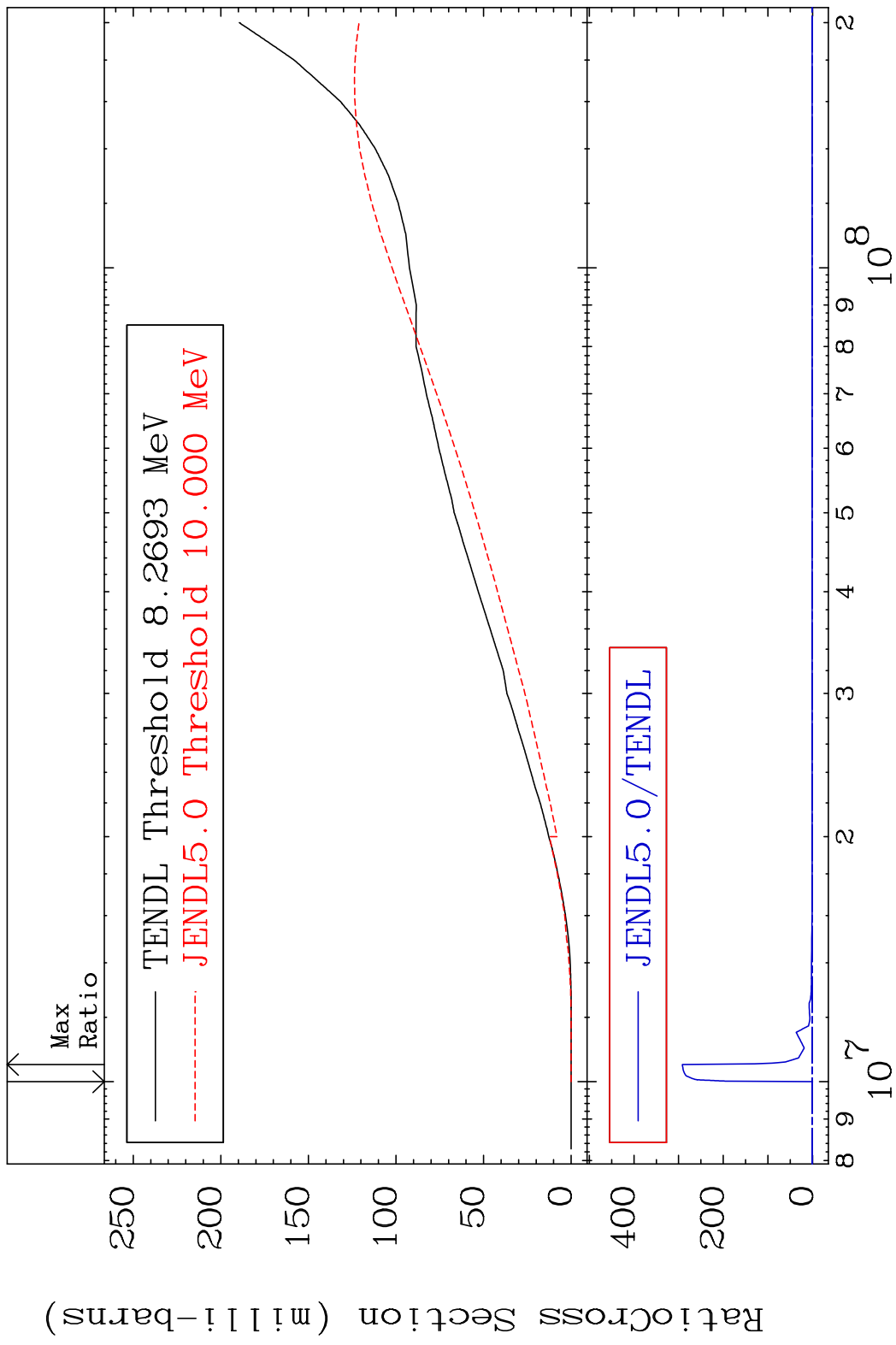
28

Incident Energy (eV)

34-Se-79

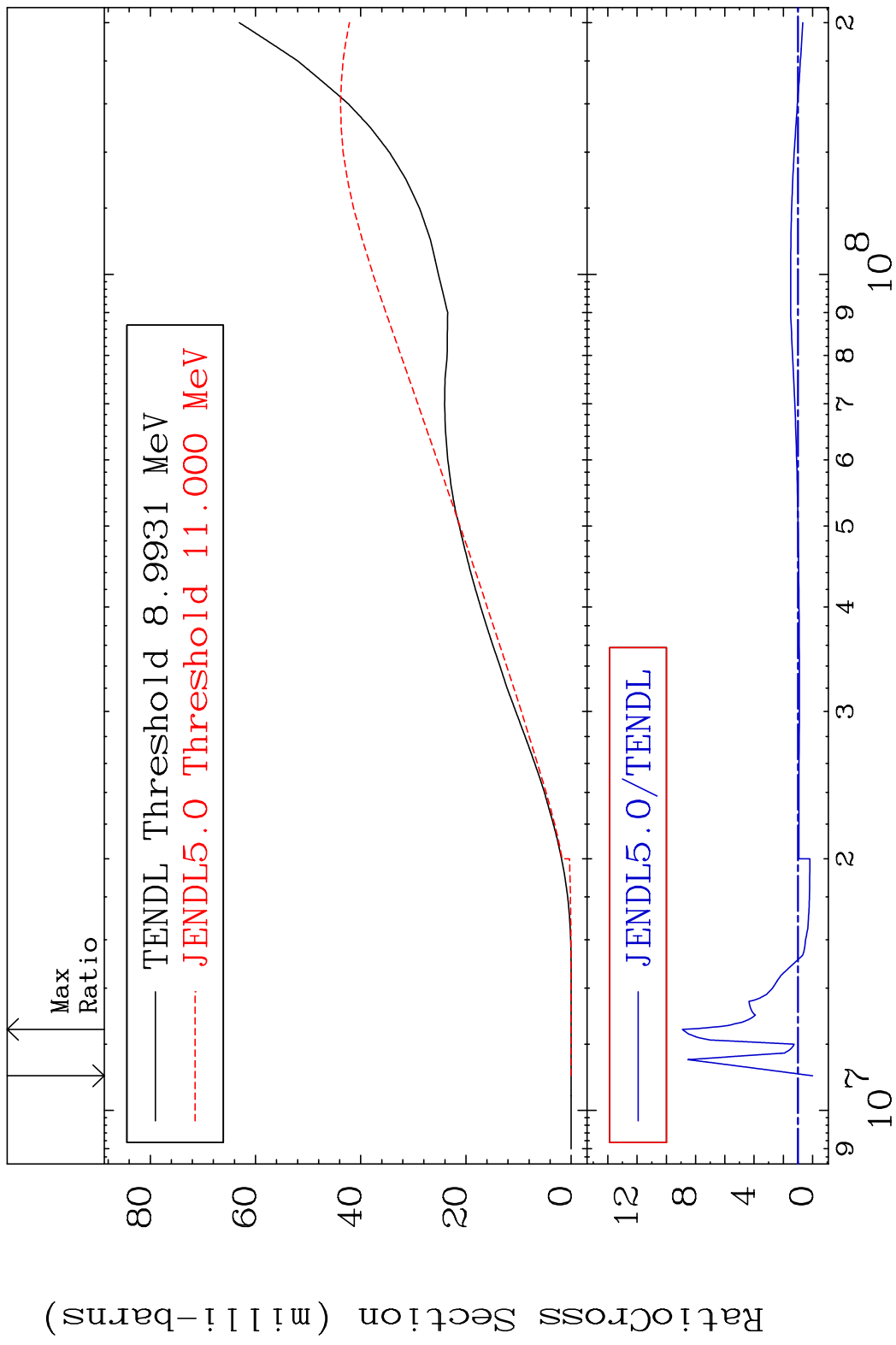


MAT 3440 Deuterium Production 34-Se-79
 Cross Section -100.0 To 9999. %



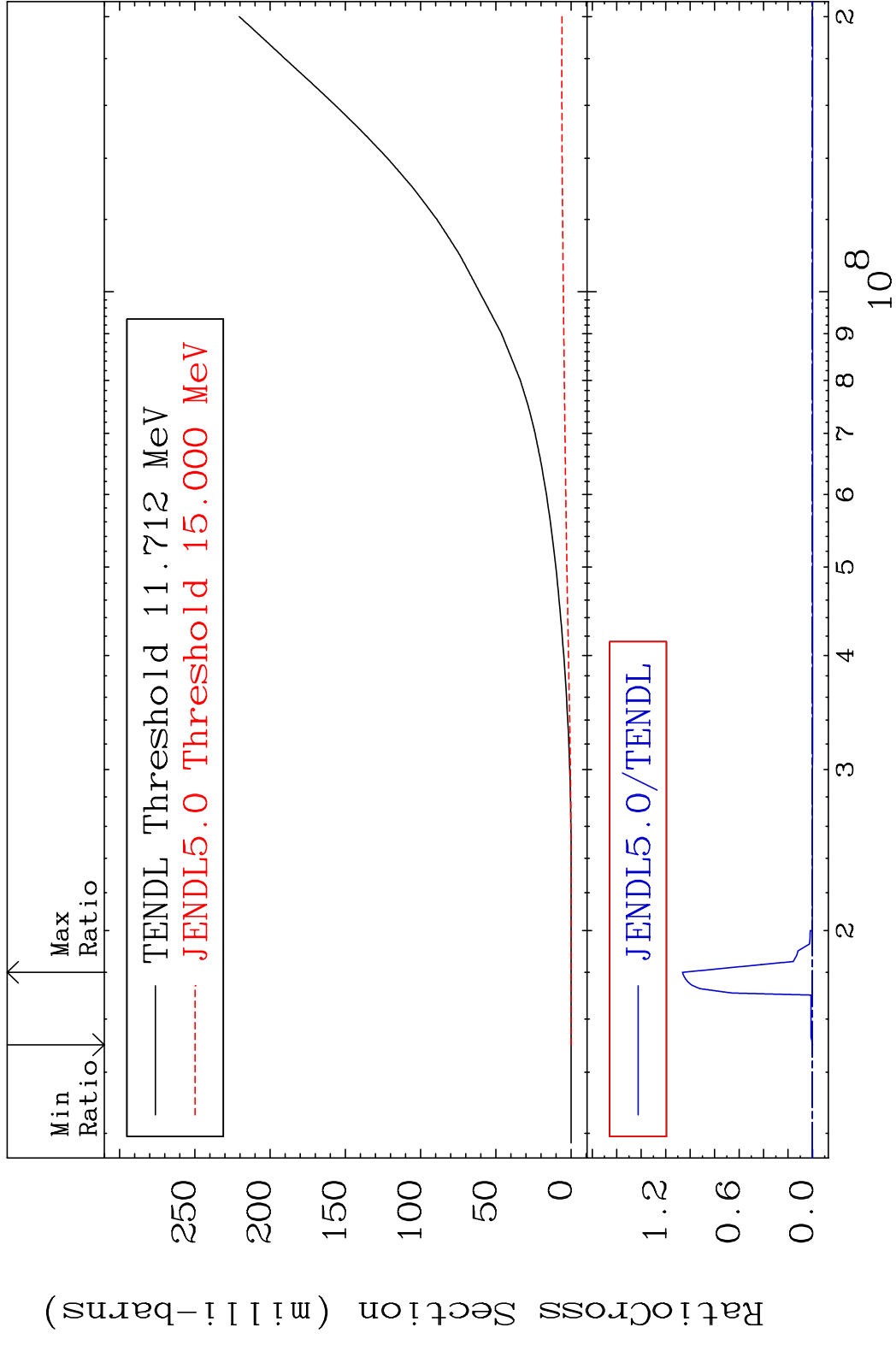
30 34-Se-79

MAT 3440 Tritium Production 34-Se-79
 Cross Section -100.0 To 790.5 %



31 Incident Energy (eV) 34-Se-79

MAT 3440 He-3 Production 34-Se-79
 Cross Section -100.0 To 9999. %

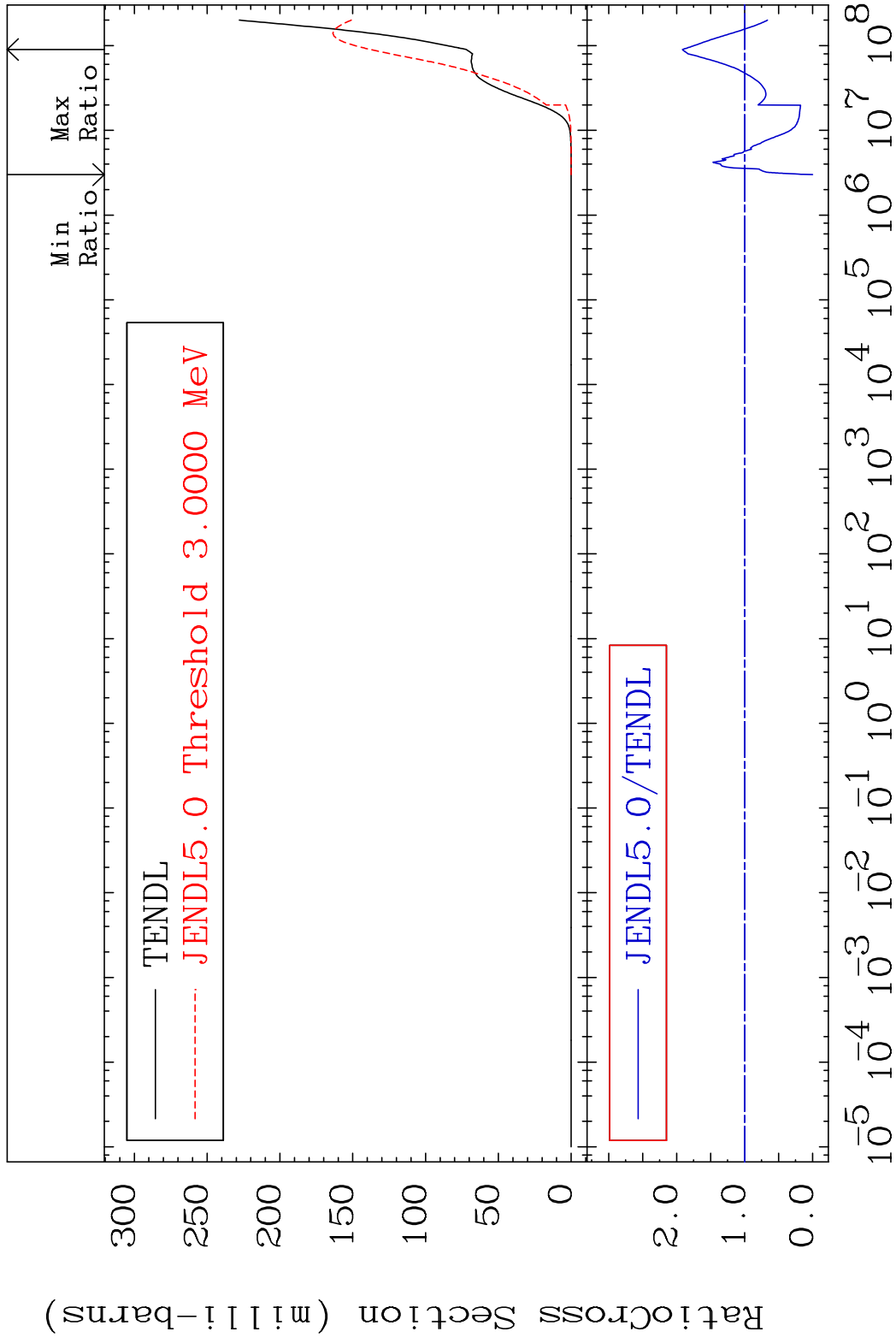


MAT 3440

He-4 Production

34-Se-79

Cross Section -100.0 To 91.56 %

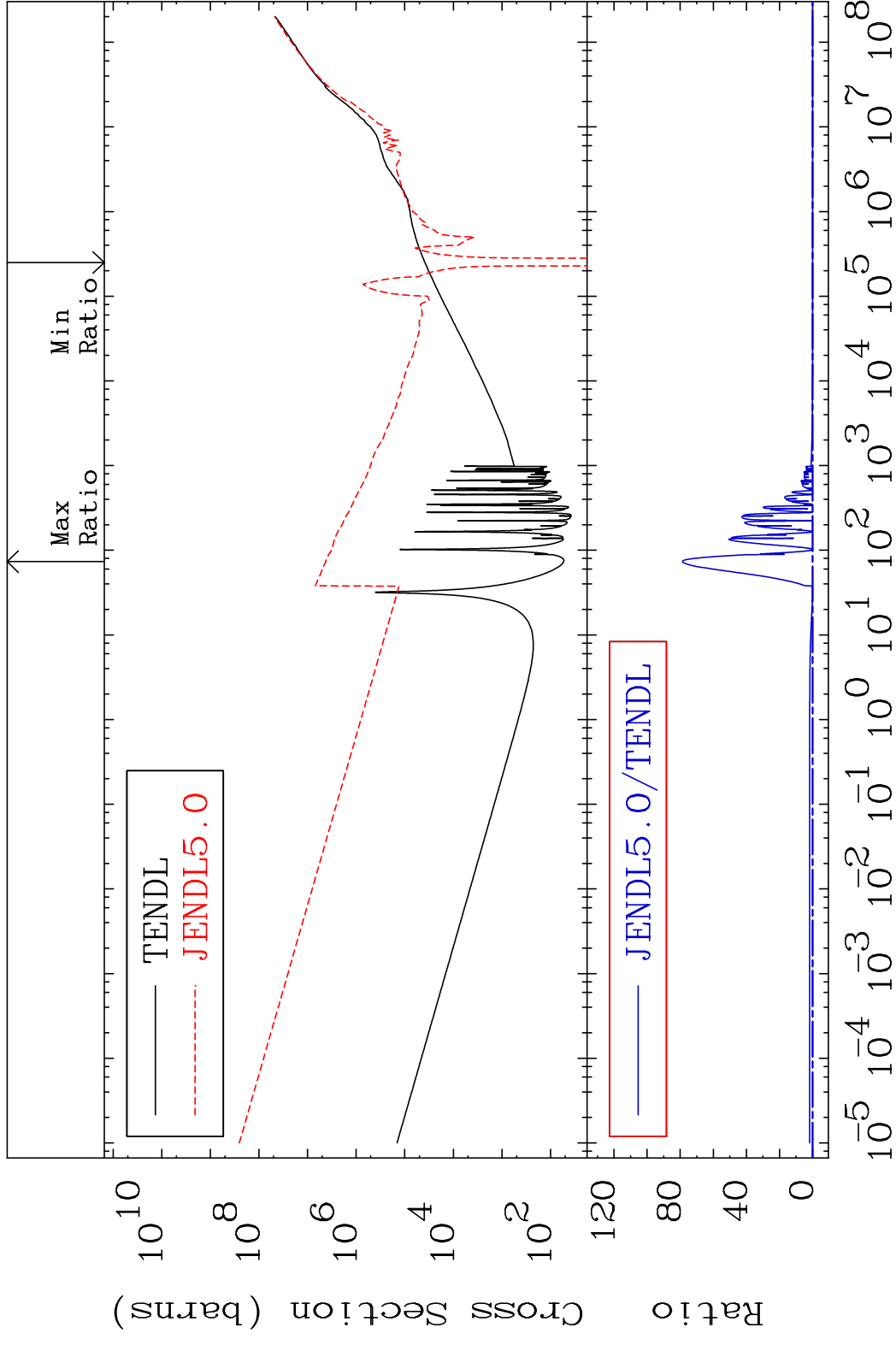


33

Incident Energy (eV)

34-Se-79

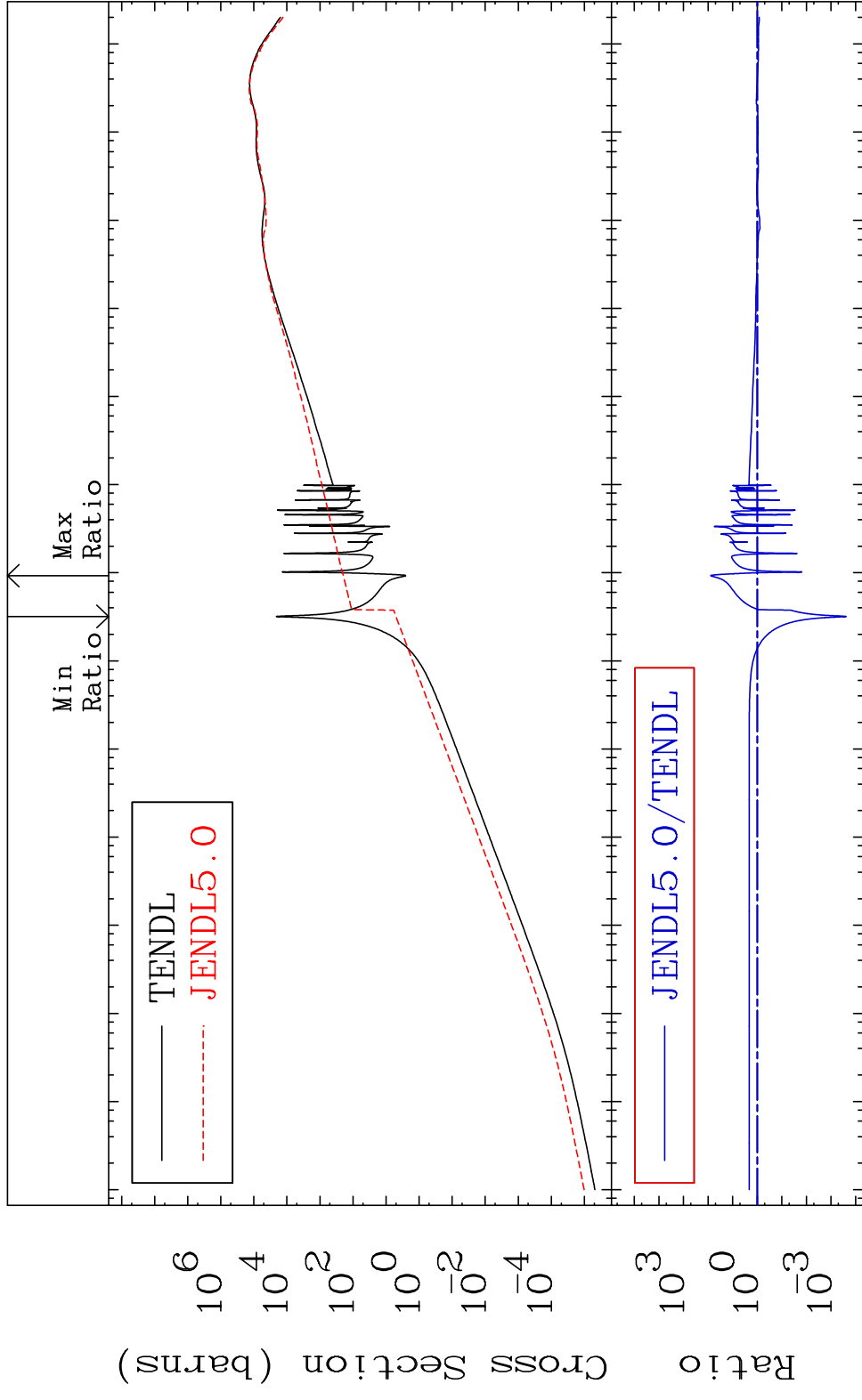
MAT 3440 Kerma total (eV-barns) 34-Se-79
 Cross Section -140.2 To 9999. %



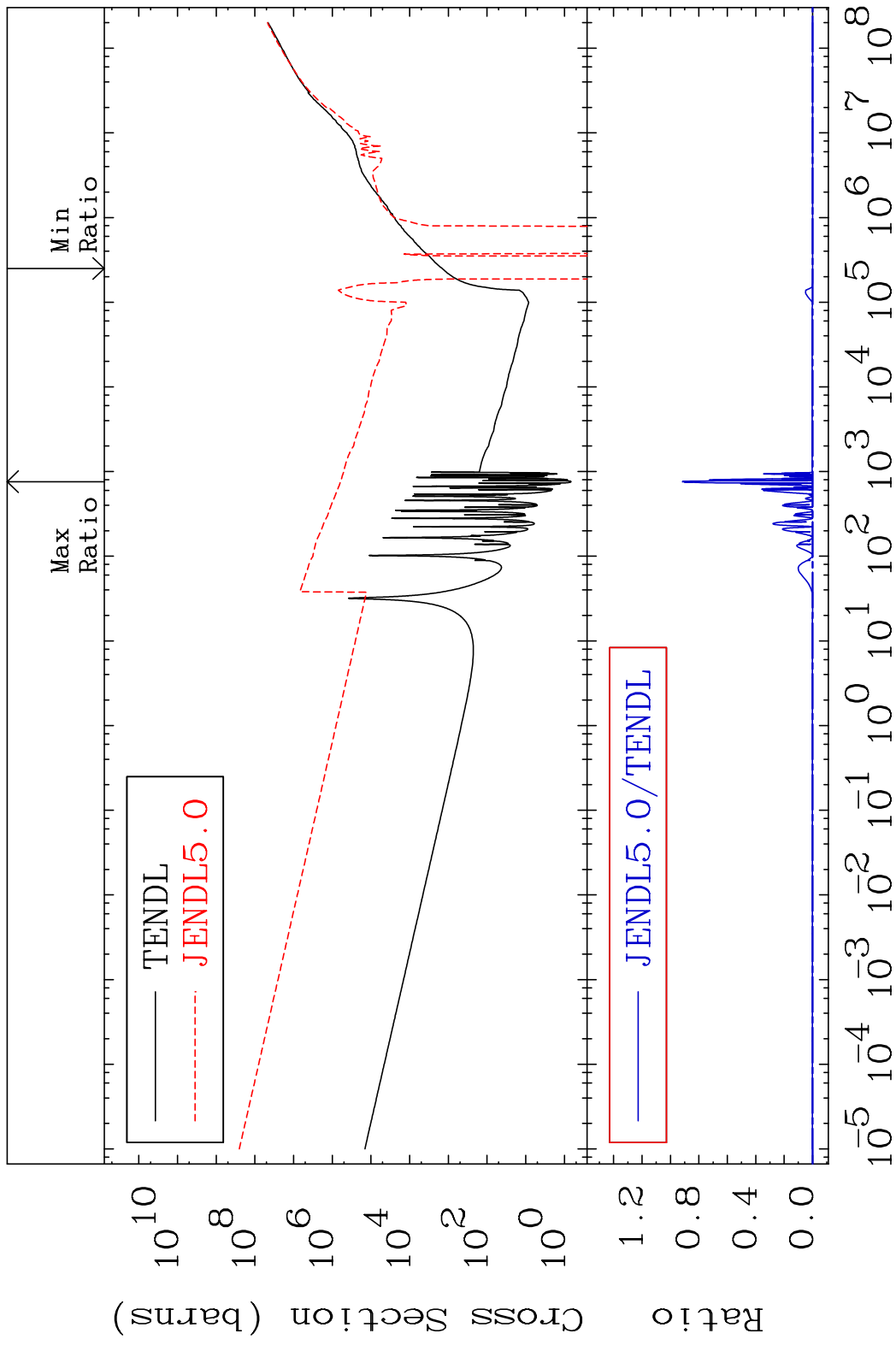
MAT 3440

Kerma elastic
Cross Section

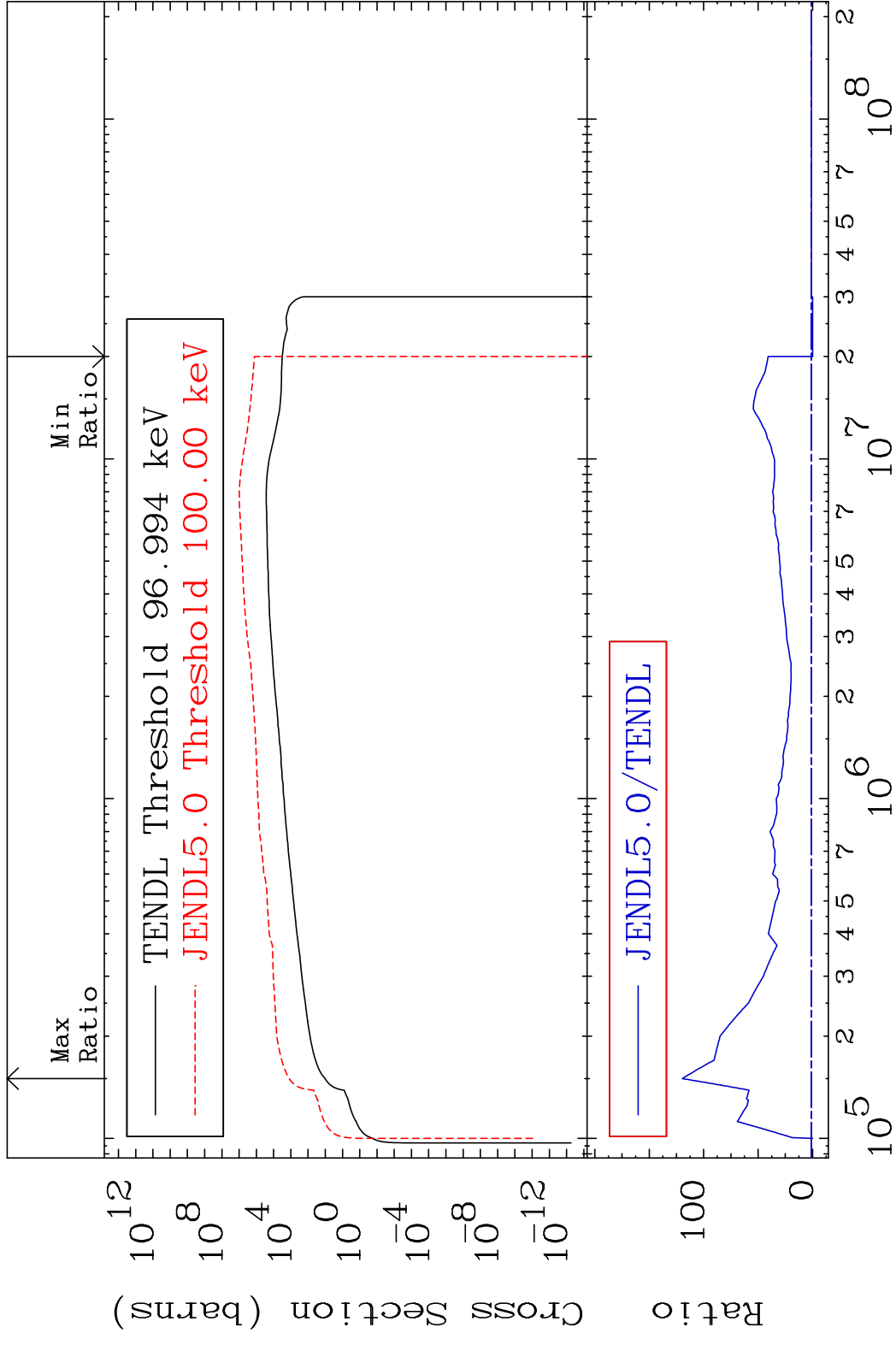
34-Se-79
-99.98 To 7710. %



MAT 3440 Kerma non-elastic (all but mt2) 34-Se-79
 Cross Section -3877. To 9999. %

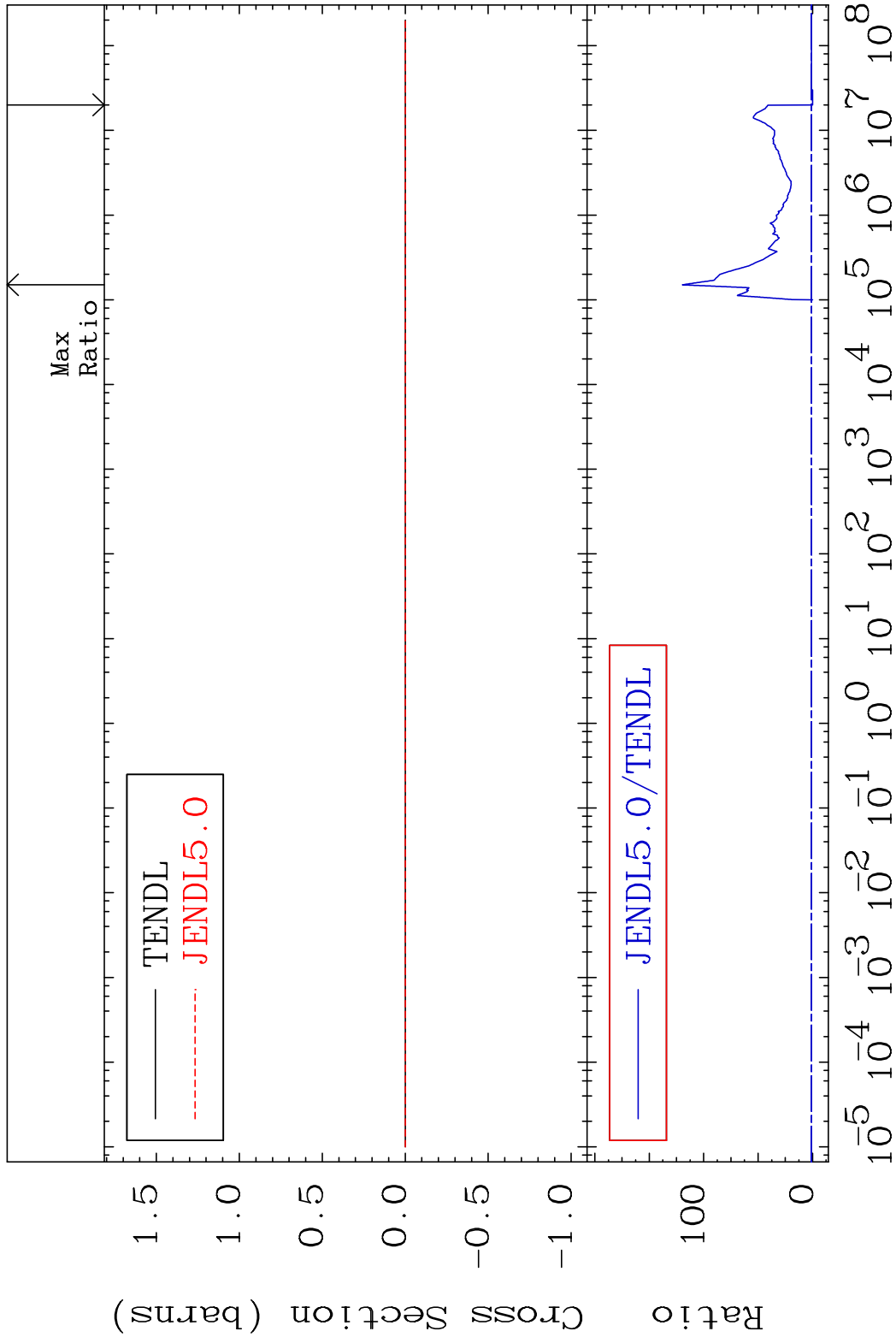


MAT 3440 Kerma inelastic (mt51-91) 34-Se-79
 Cross Section -100.0 To 9999. %



37 Incident Energy (eV) 34-Se-79

MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-Se-79
 Cross Section -100.0 To 9999. %

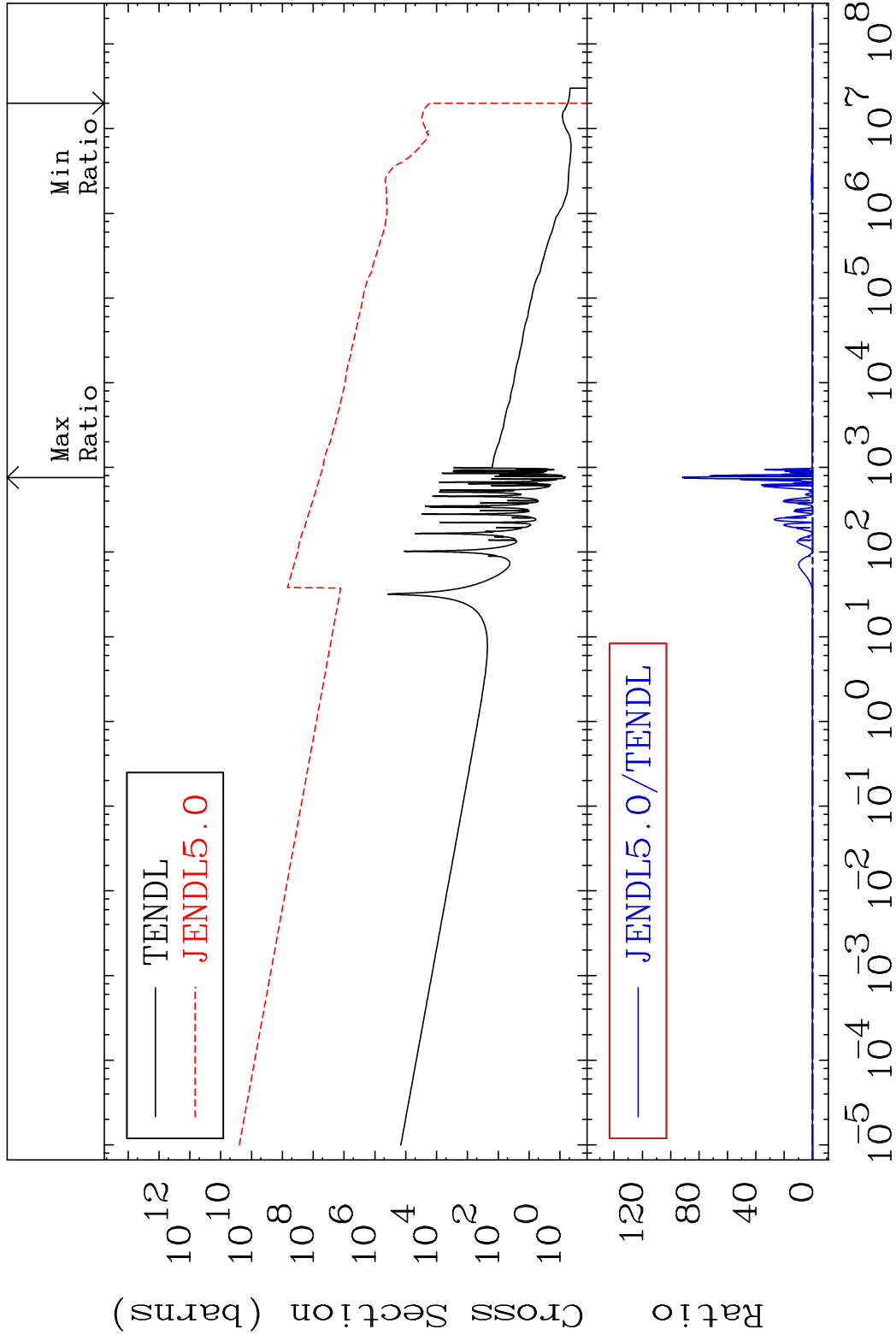


MAT 3440

Kerma capture (mt102)

34-Se-79

Cross Section -100.0 To 9999. %

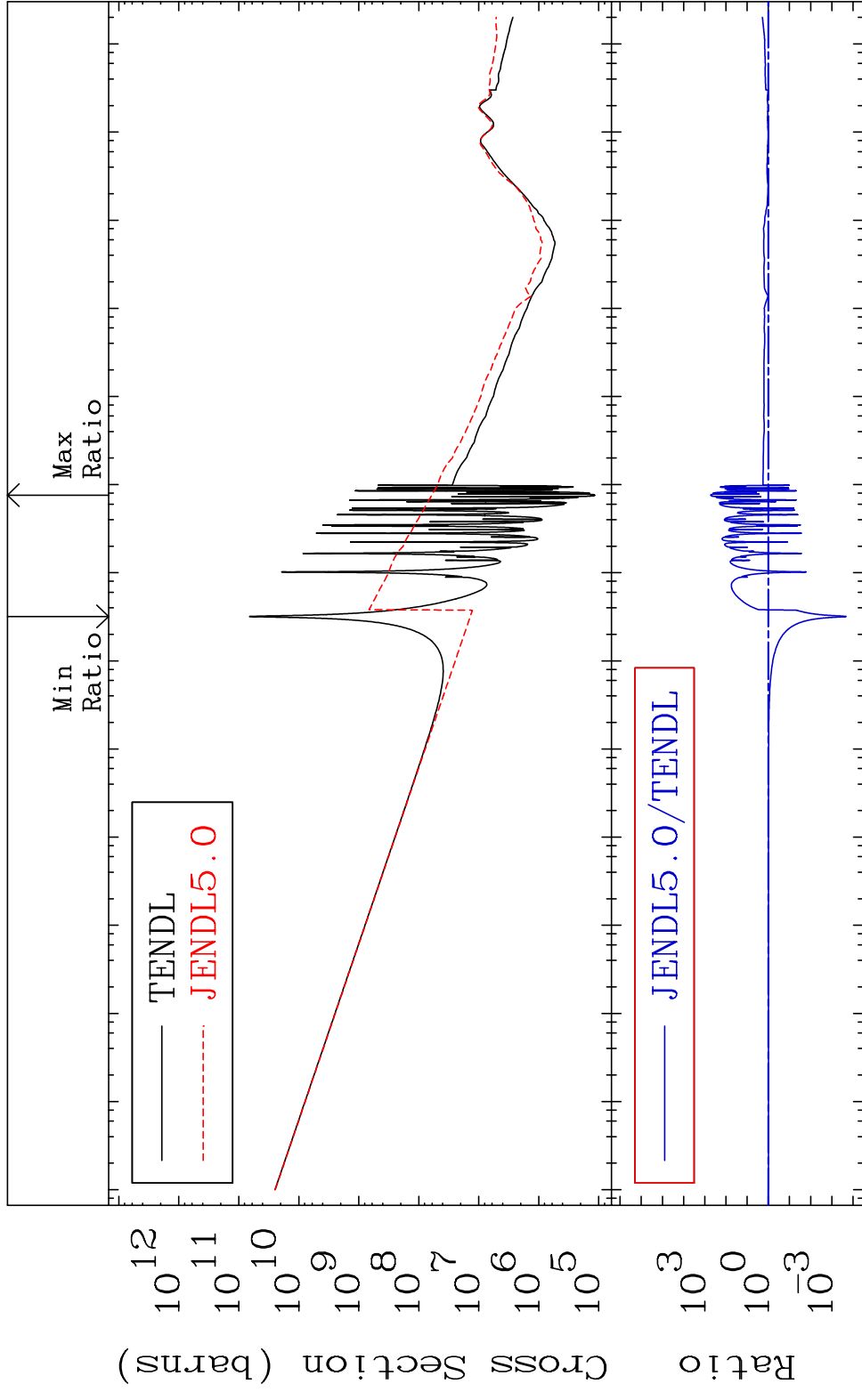


39

Incident Energy (eV)

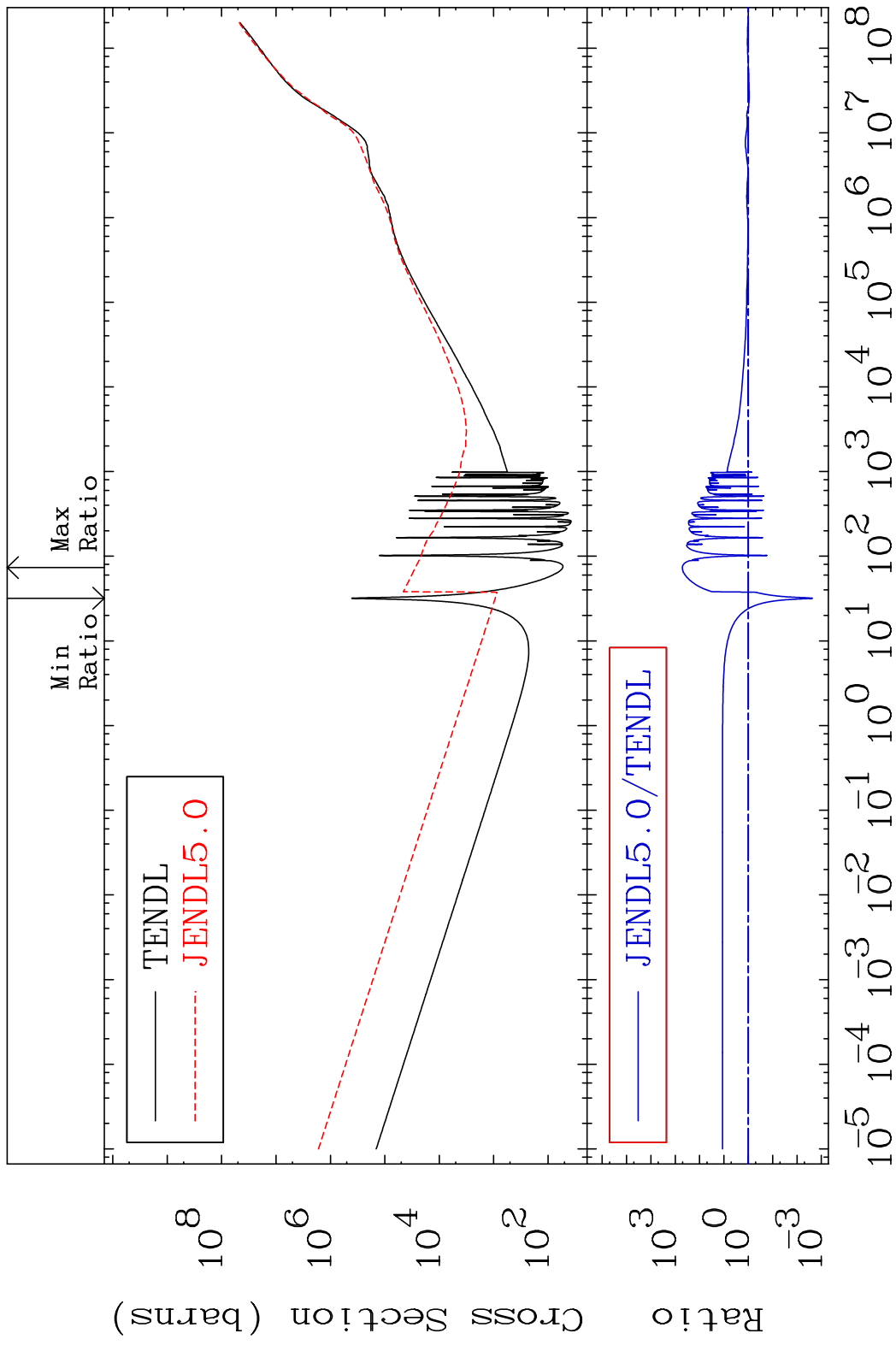
34-Se-79

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

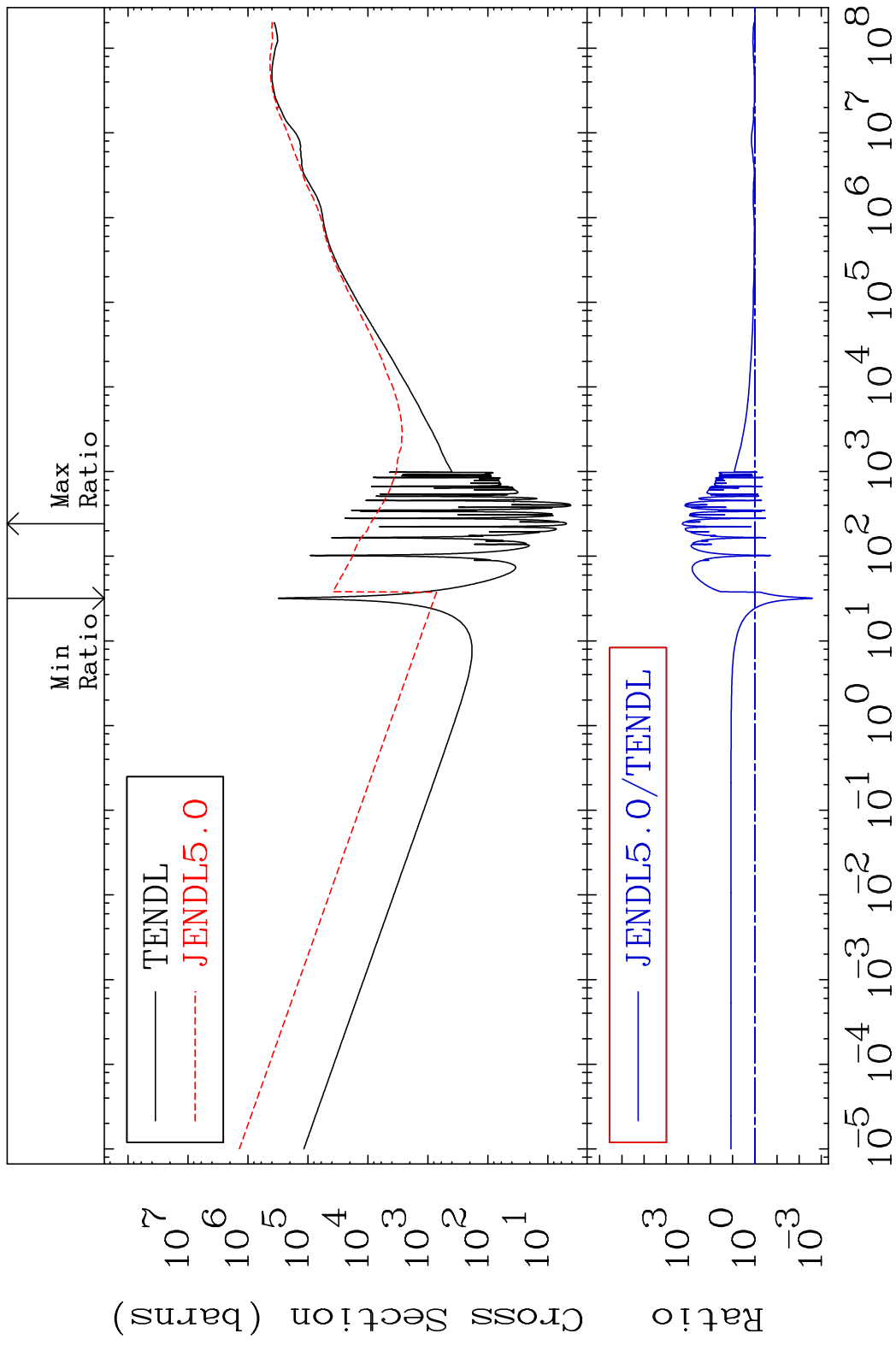


40 Incident Energy (eV) 34-Se-79

MAT 3440 Total kinematic kerma (high limit) 34-Se-79
 Cross Section -99.77 To 9999. %



MAT 3440 Dpa total (eV-barns) 34-Se-79
 Cross Section -99.75 To 9999. %

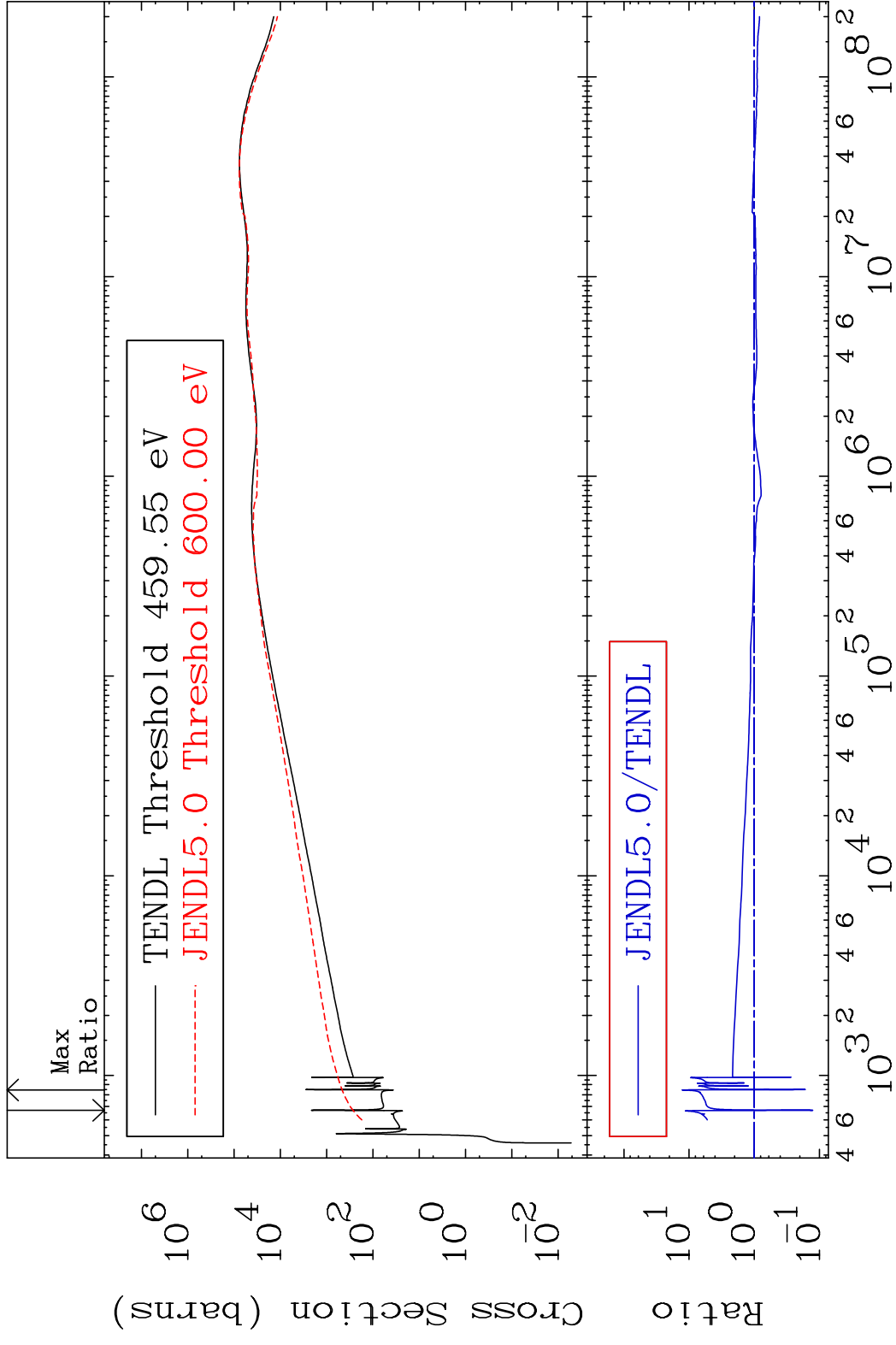


MAT 3440

Dpa elastic (mt2)

34-Se-79

Cross Section -87.25 To 1169. %

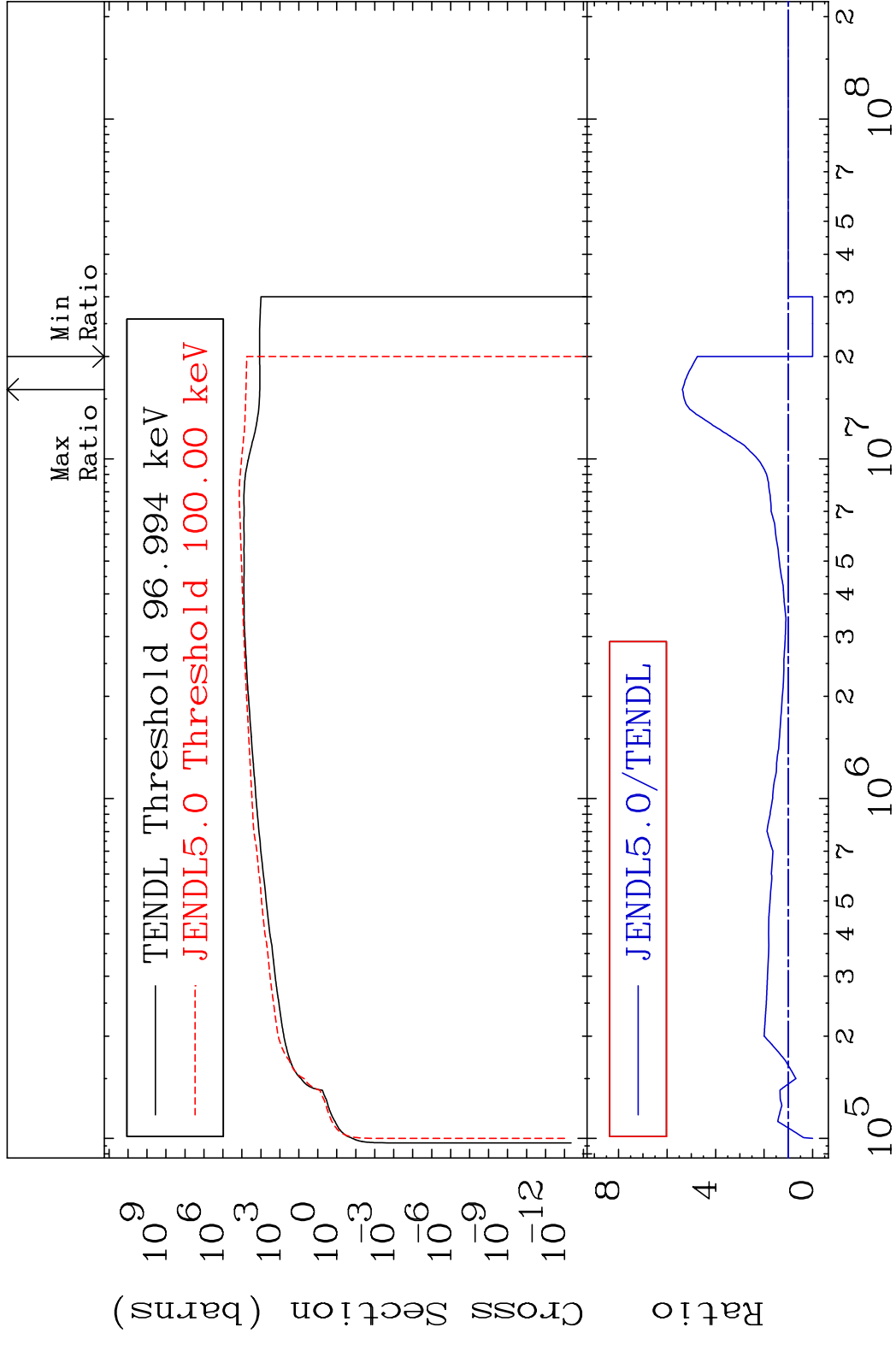


43

Incident Energy (eV)

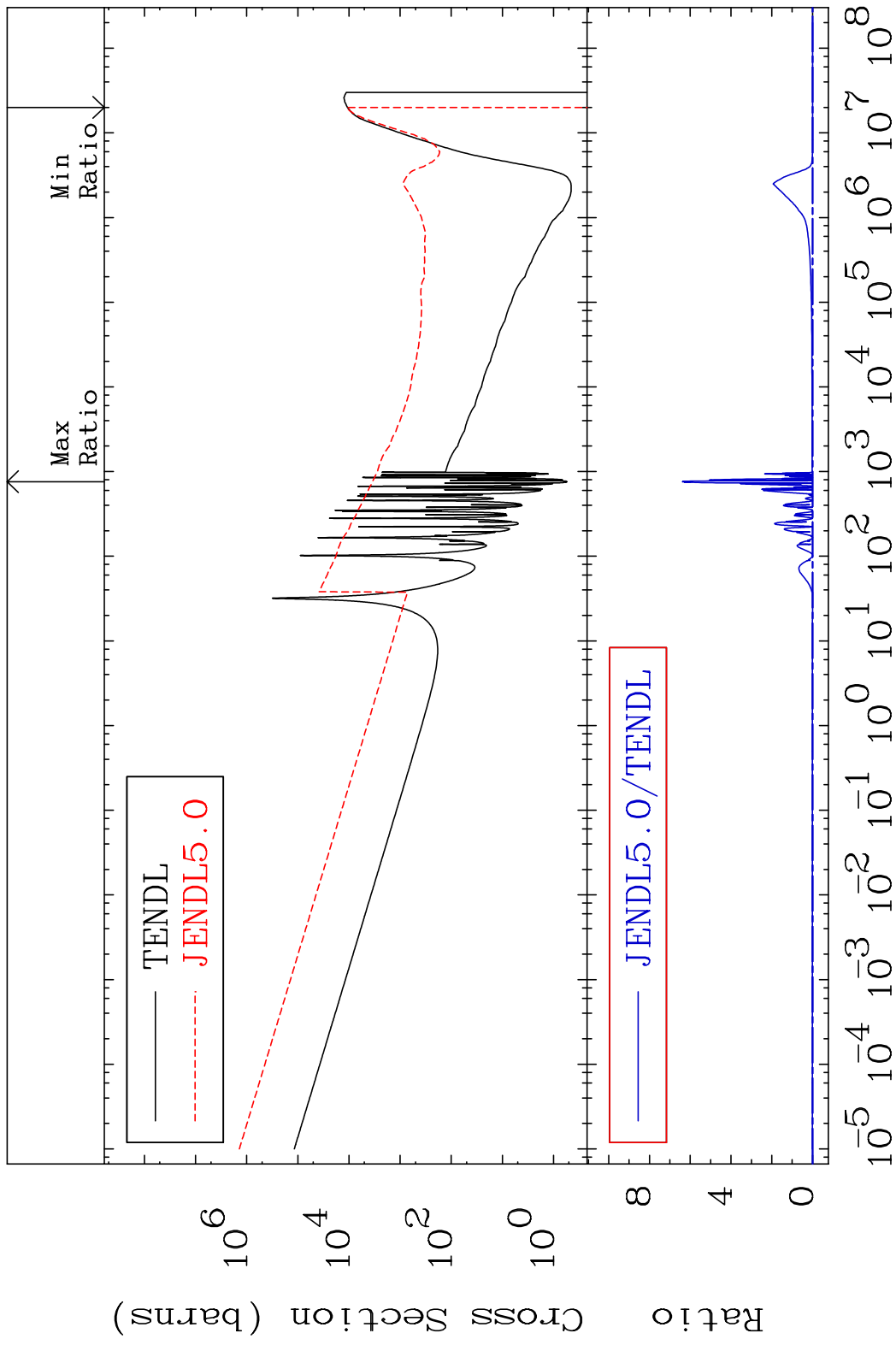
34-Se-79

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



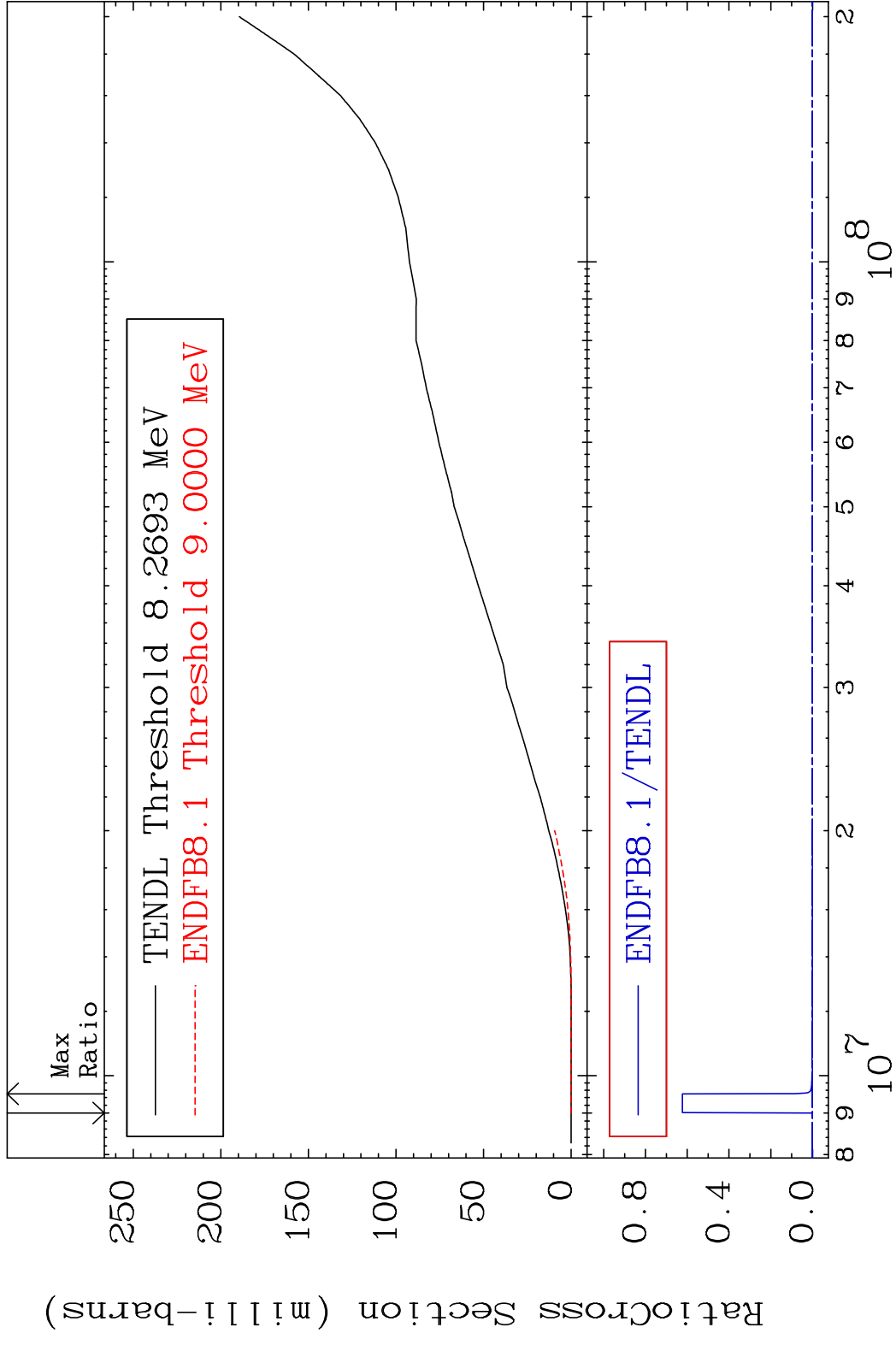
44 Incident Energy (eV) 34-Se-79

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. %



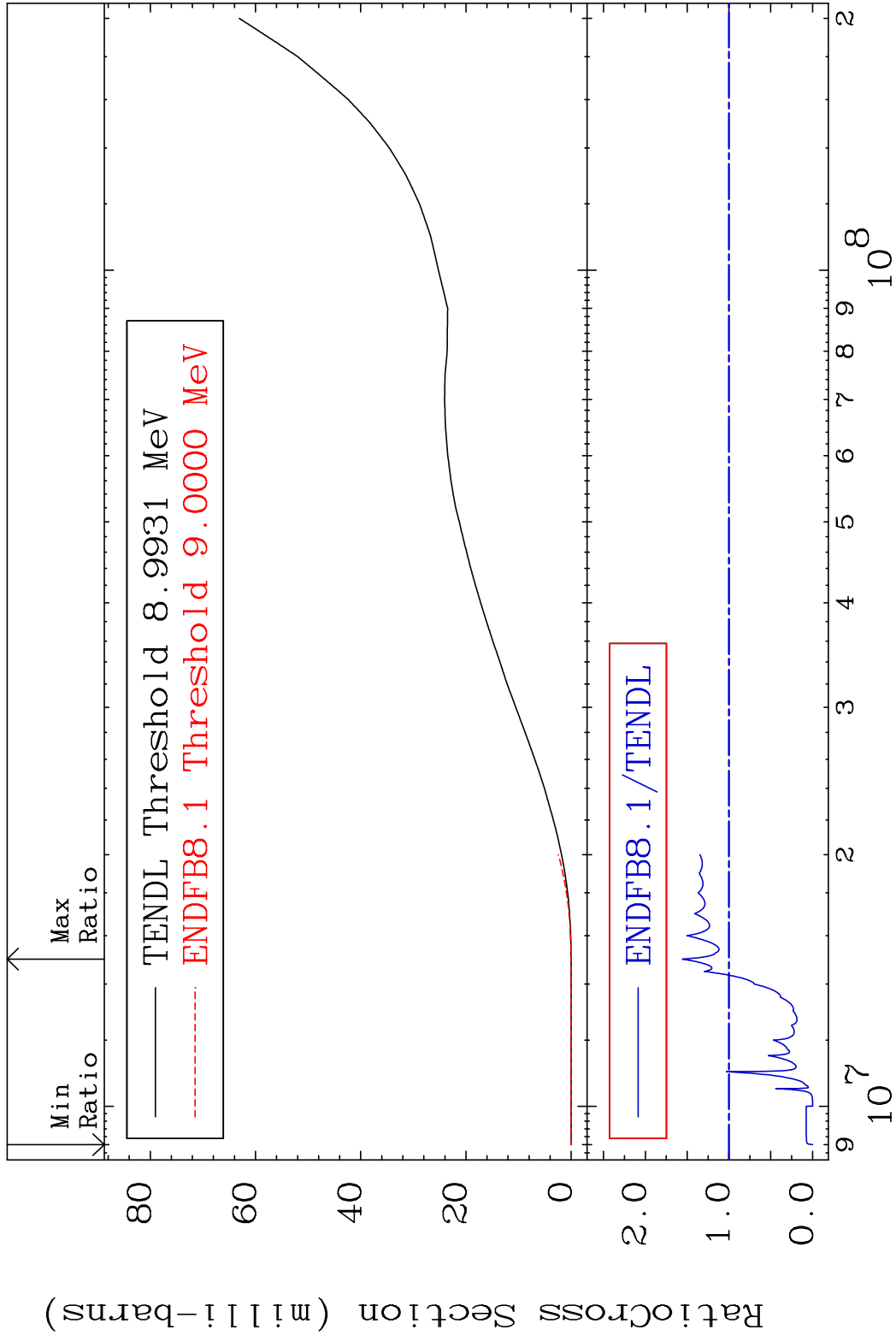
46 Incident Energy (eV) 34-Se-79

MAT 3440

Tritium Production

³⁴Se-79

Cross Section -100.0 To 55.74 %



47

Incident Energy (eV)

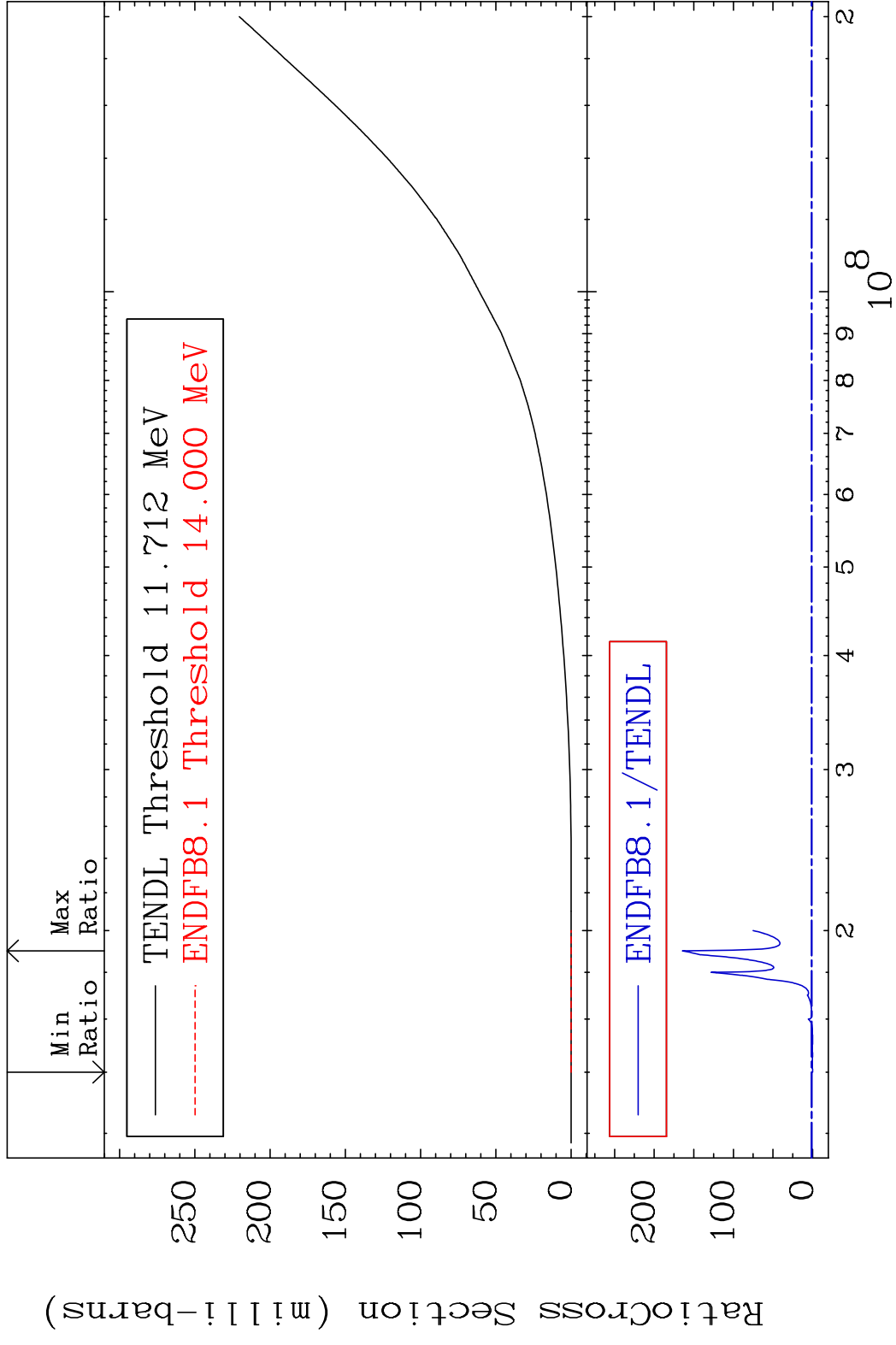
³⁴Se-79

MAT 3440

He-3 Production

34-Se-79

Cross Section -100.0 To 9999. %

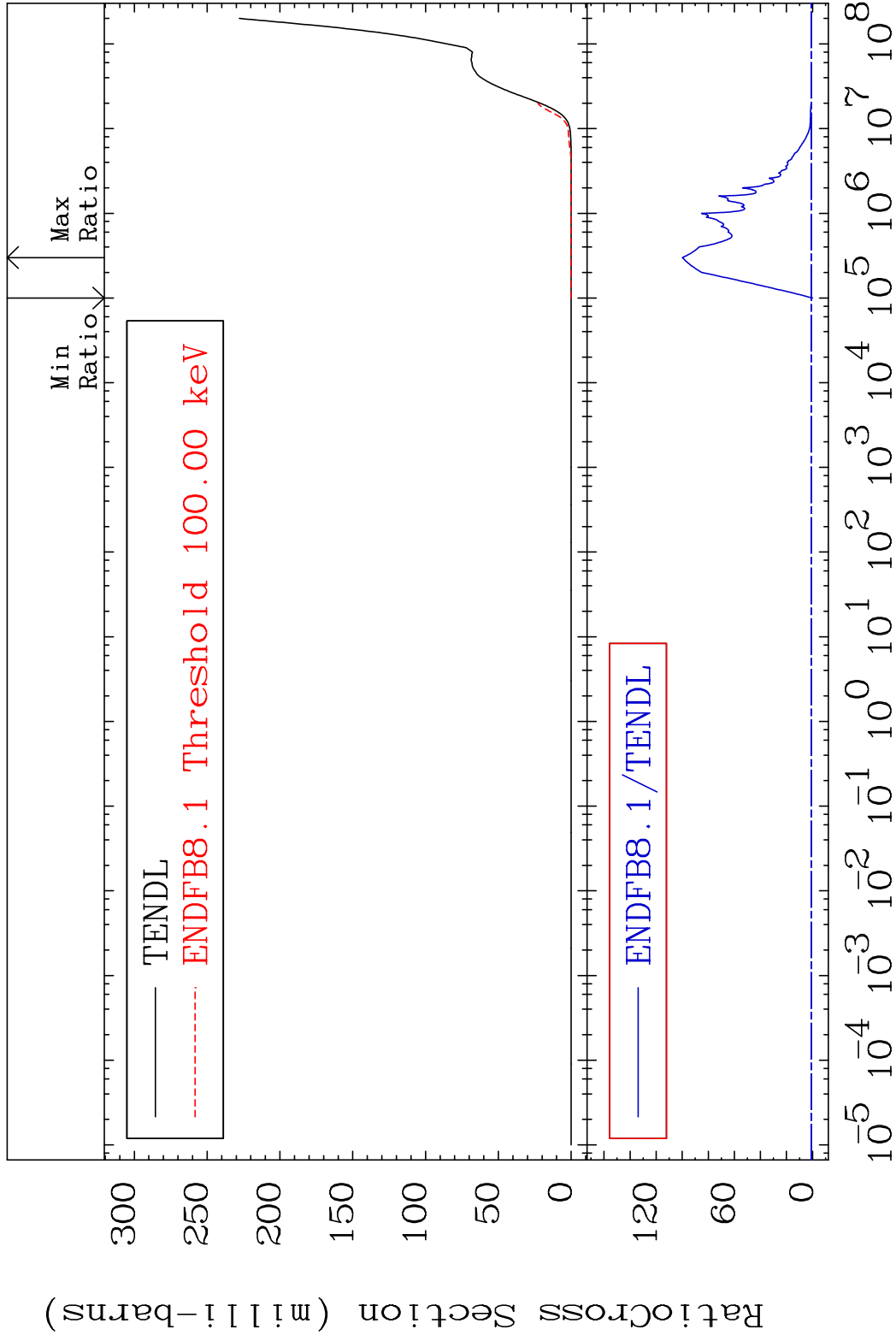


MAT 3440

He-4 Production

34-Se-79

Cross Section -100.0 To 9890. %

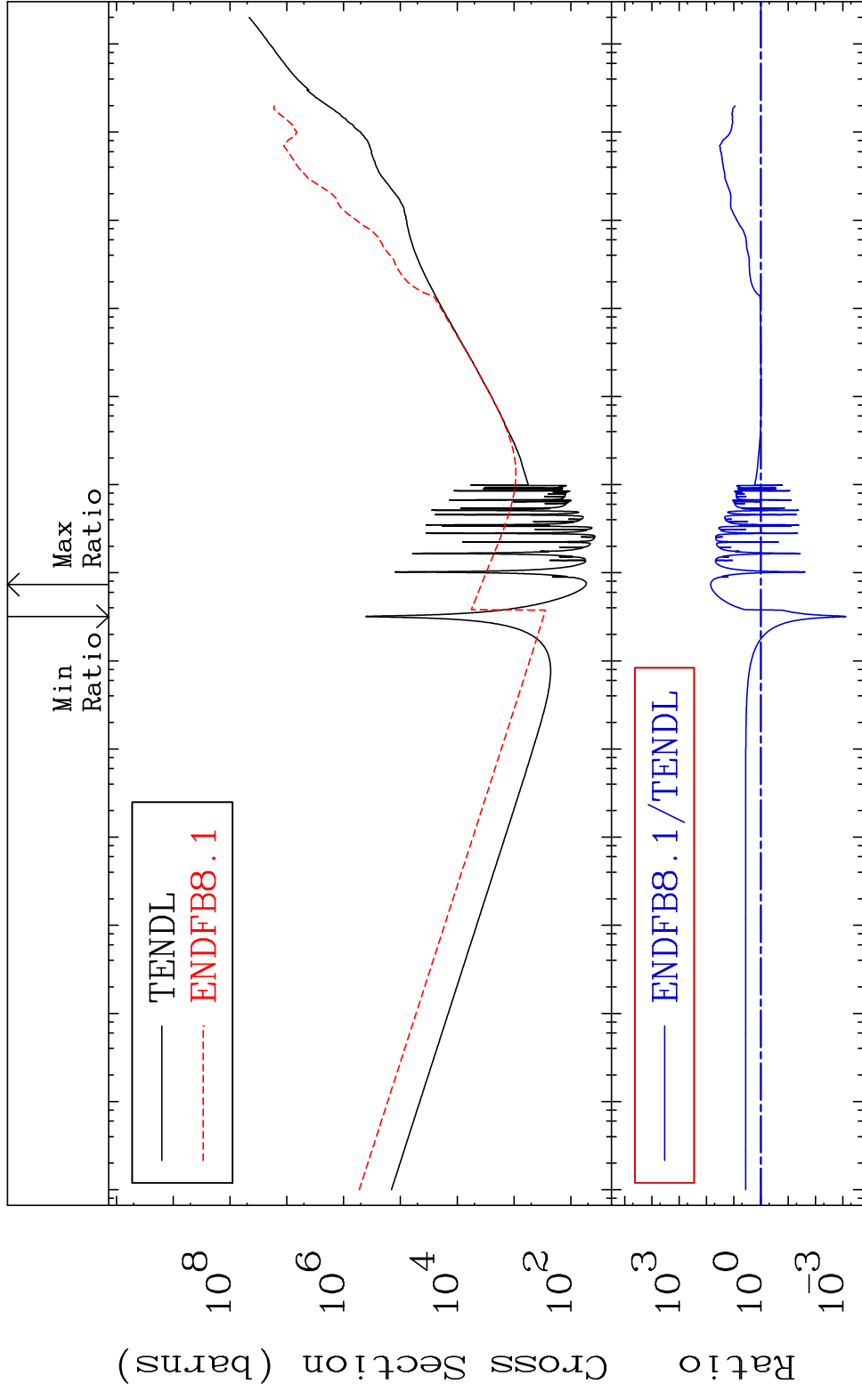


49

Incident Energy (eV)

34-Se-79

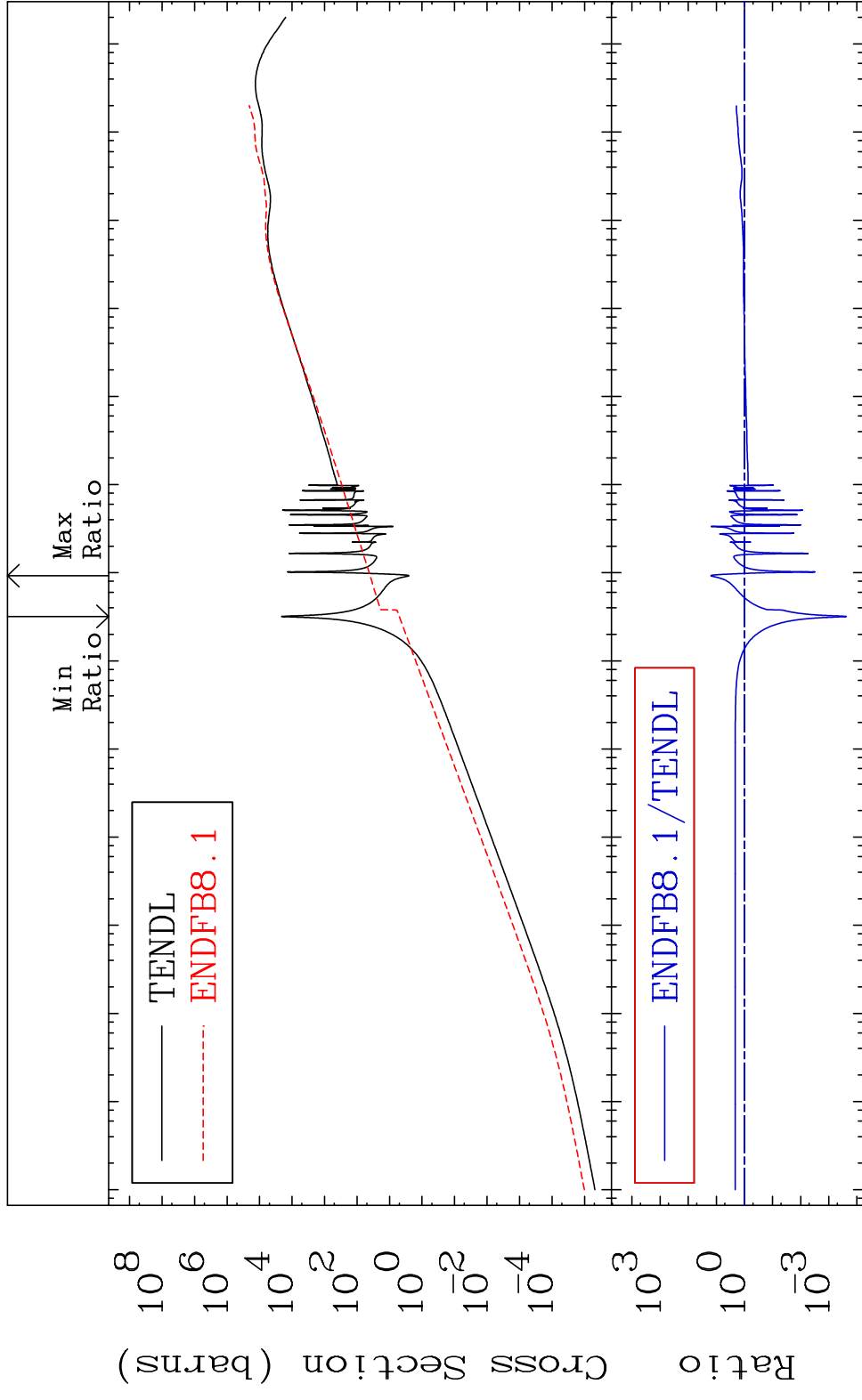
MAT 3440 Kerma total (eV-barns) 34-Se-79
 Cross Section -99.93 To 6878. %



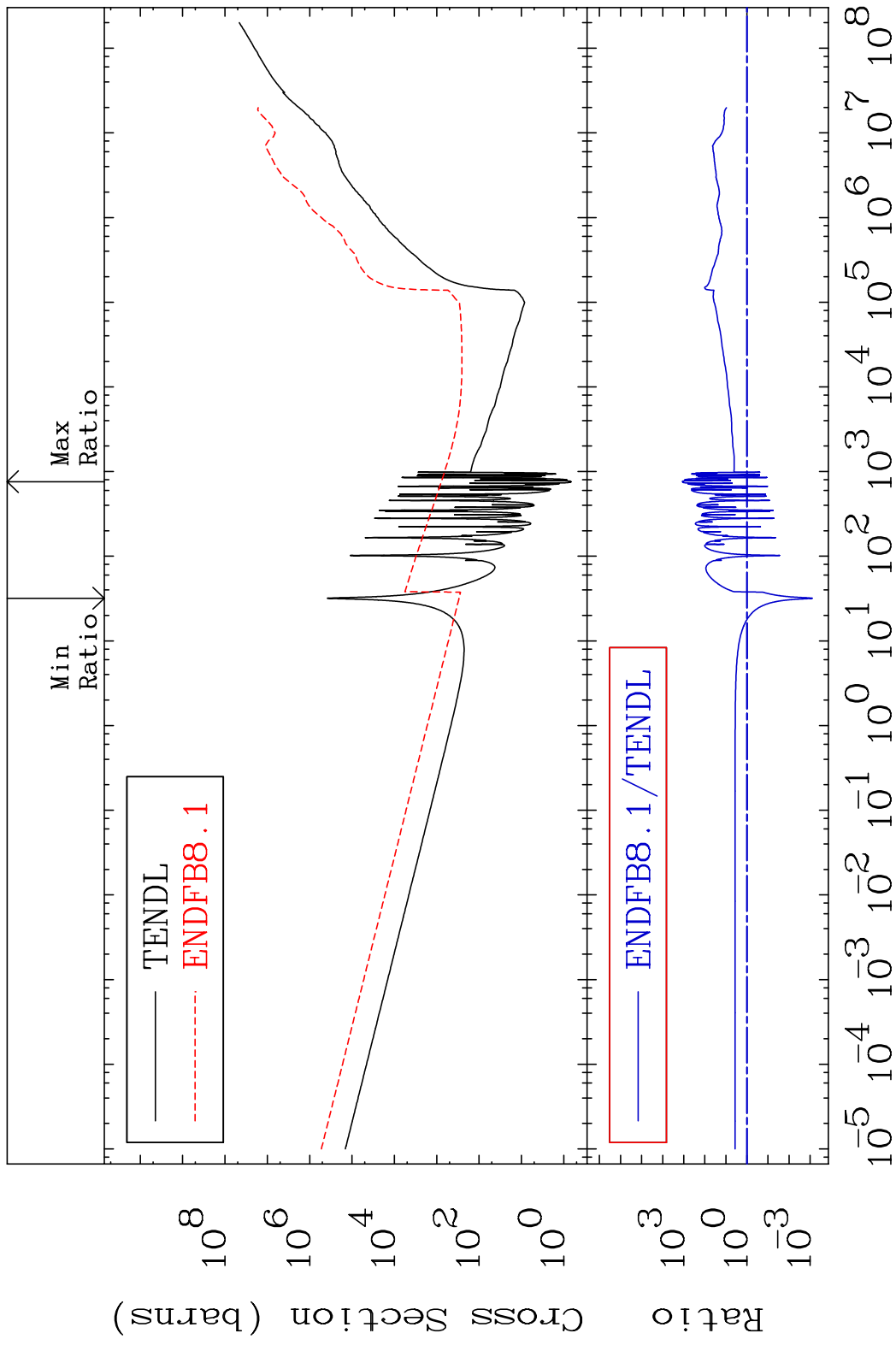
MAT 3440

Kerma elastic
Cross Section -99.98 To 1485. %

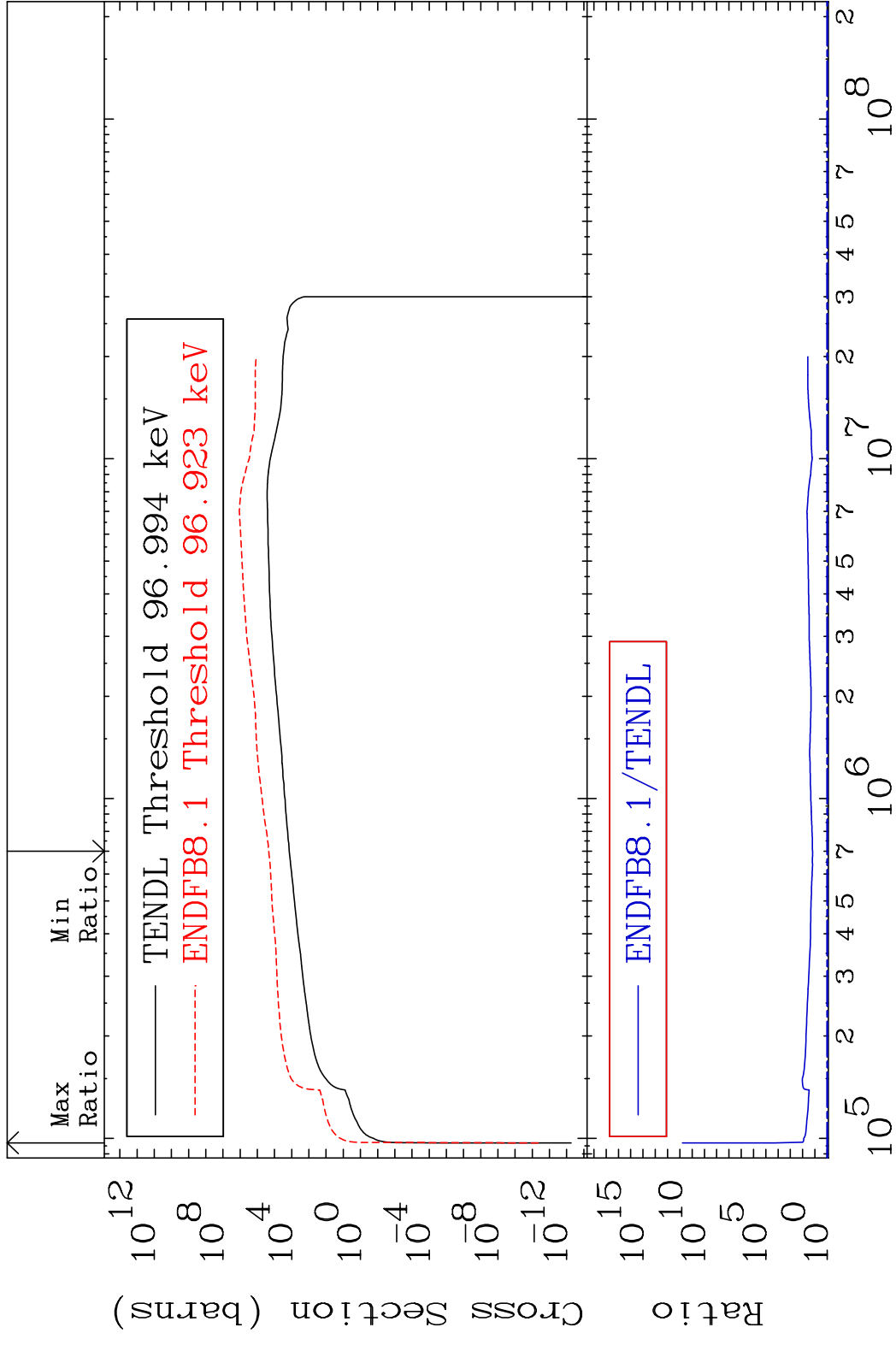
34-Se-79



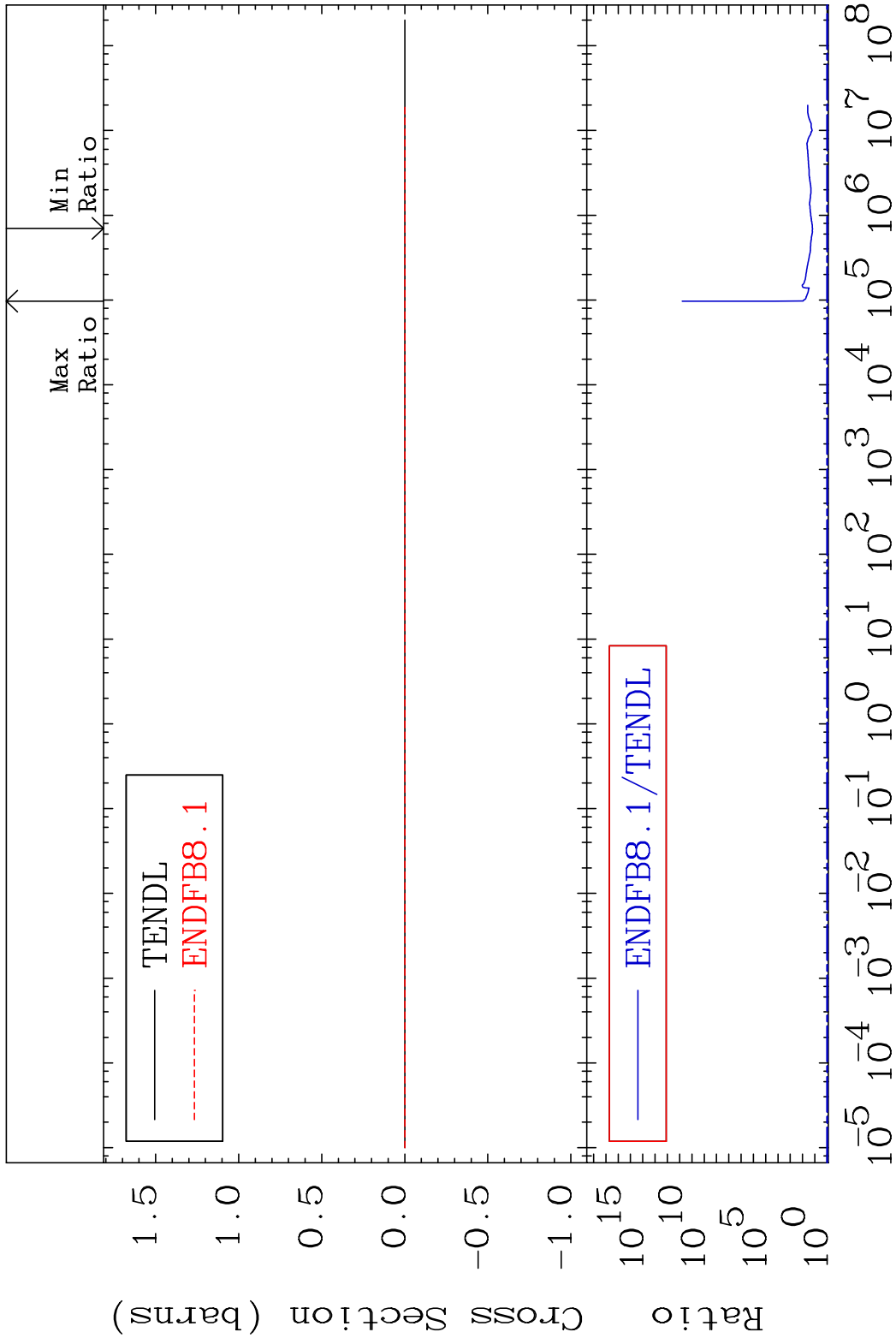
MAT 3440 Kerma non-elastic (all but mt2) 34-Se-79
 Cross Section -99.92 To 9999. %



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

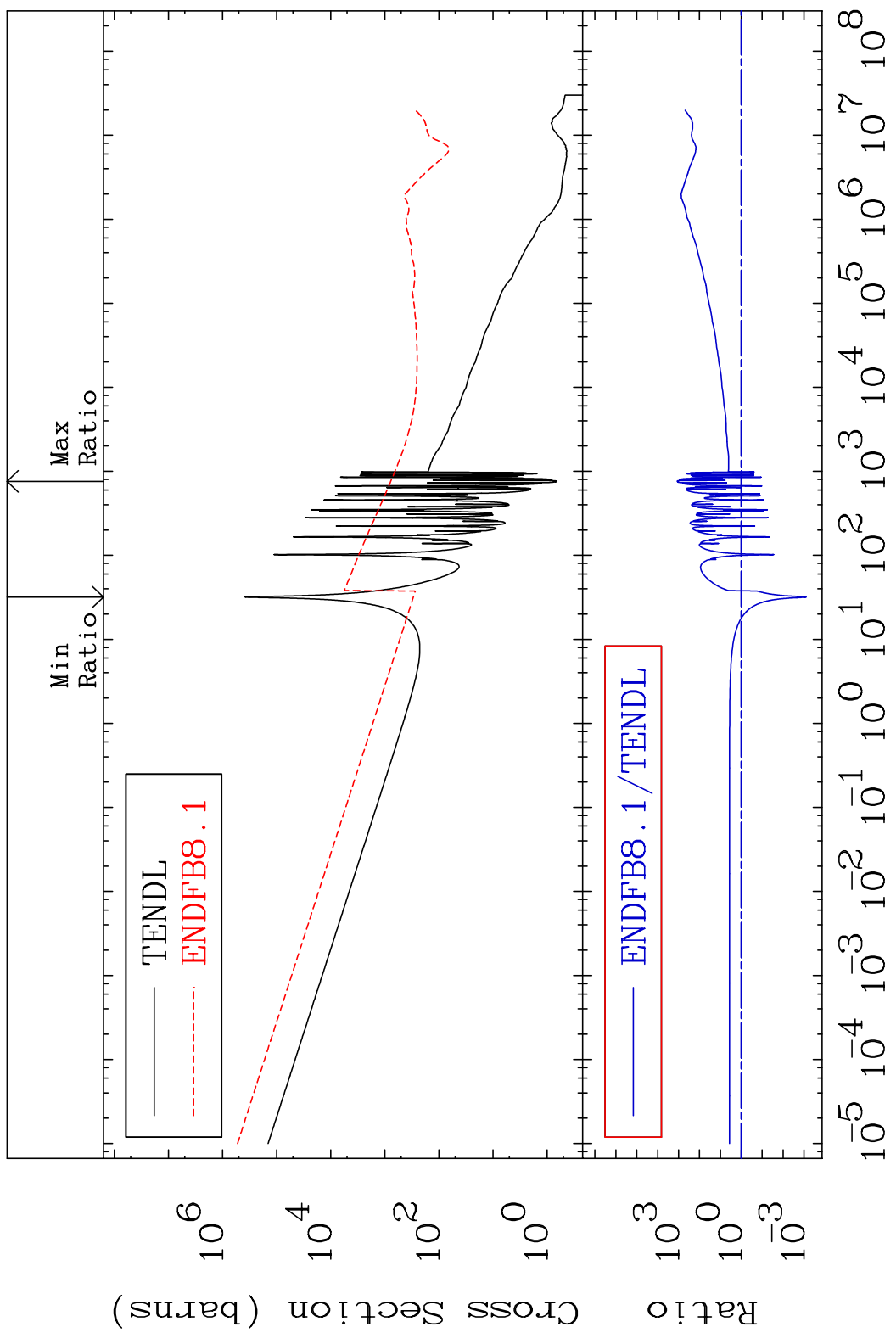


MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-Se-79
 Cross Section 1451. To 9999. %

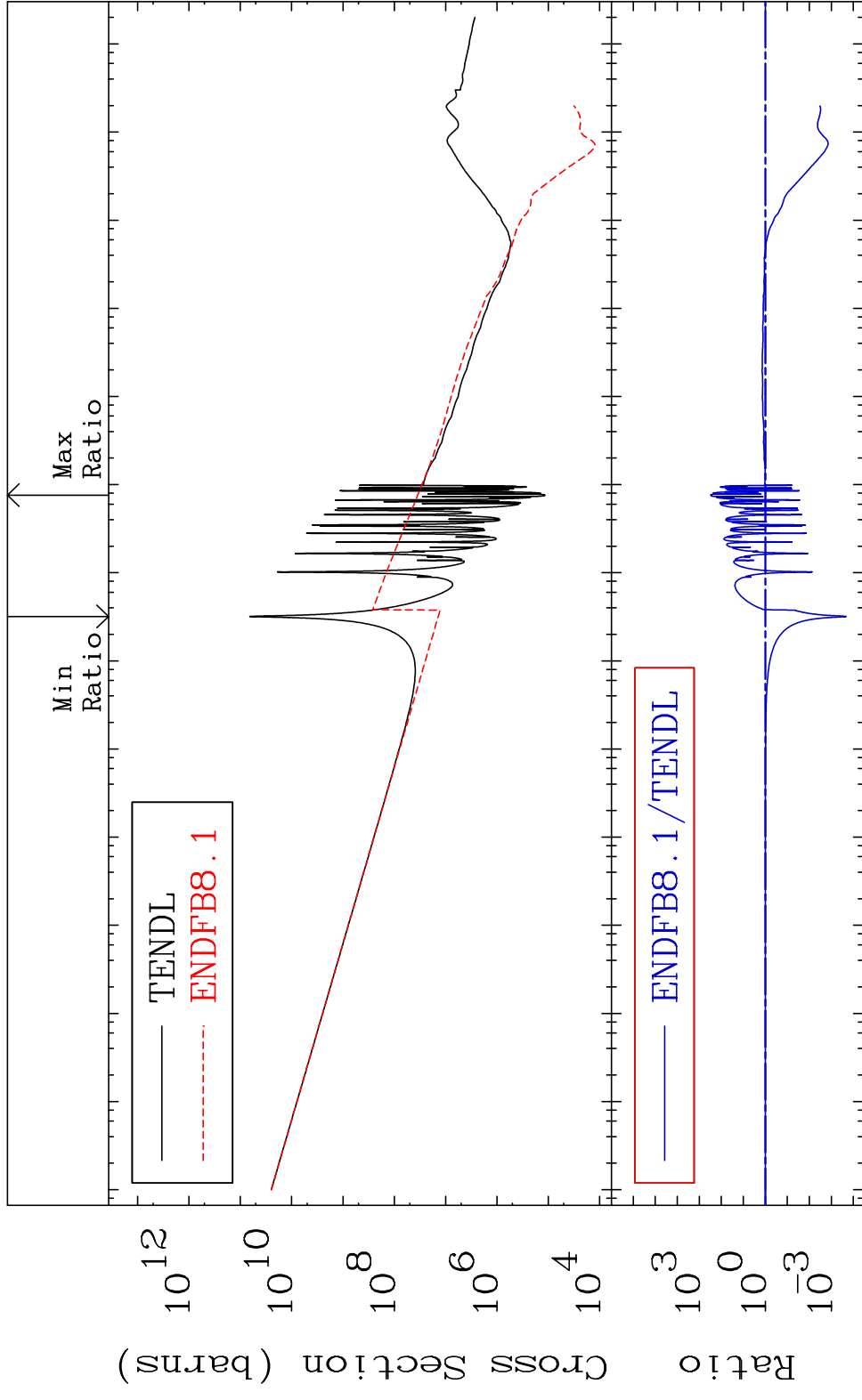


MAT 3440

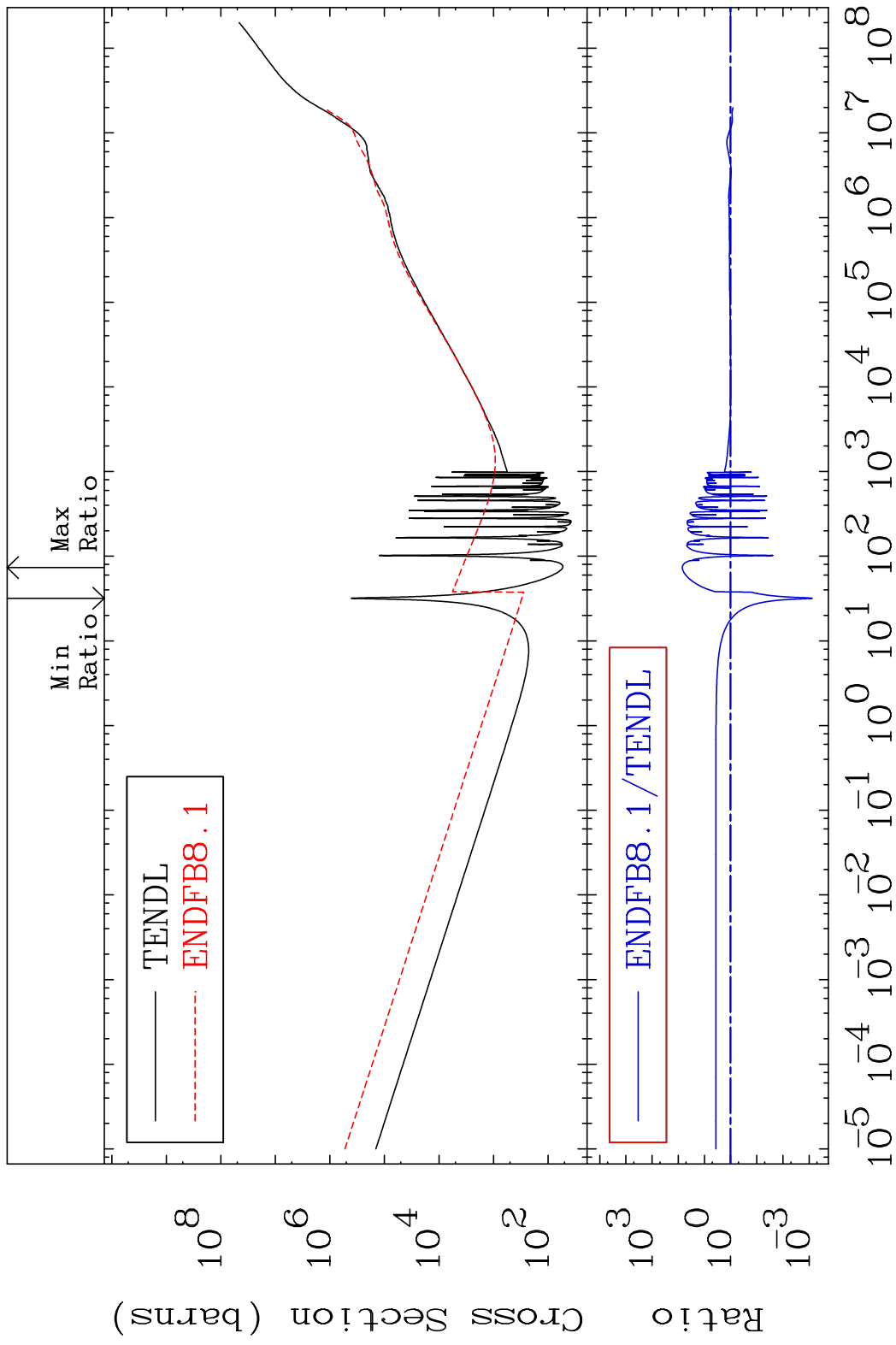
Kerma capture (mt102) 34-Se-79
Cross Section -99.92 To 9999. %



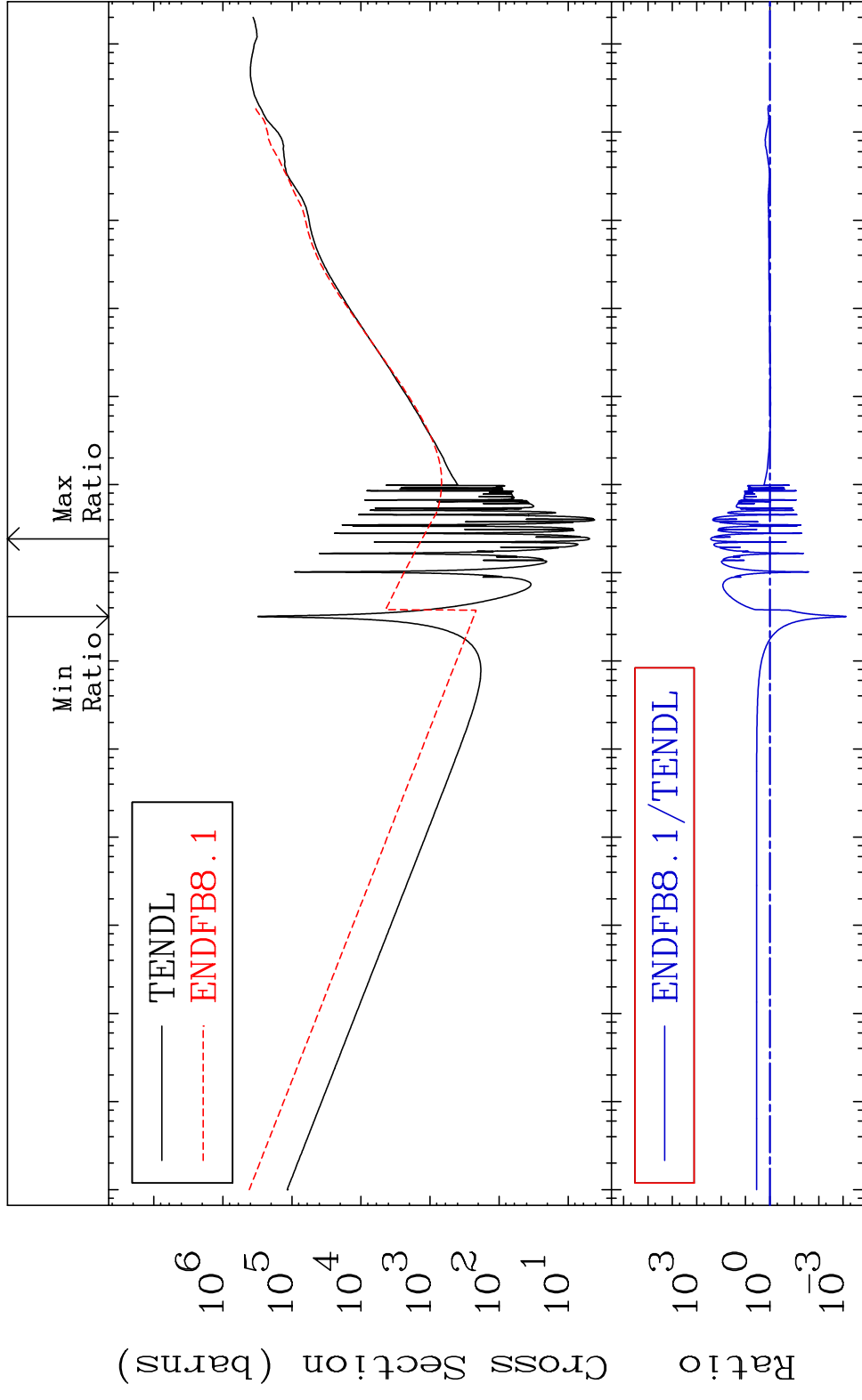
MAT 3440 Total photon (eV-barns) 34-Se-79
 Cross Section -99.98 To 9999. %



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. %



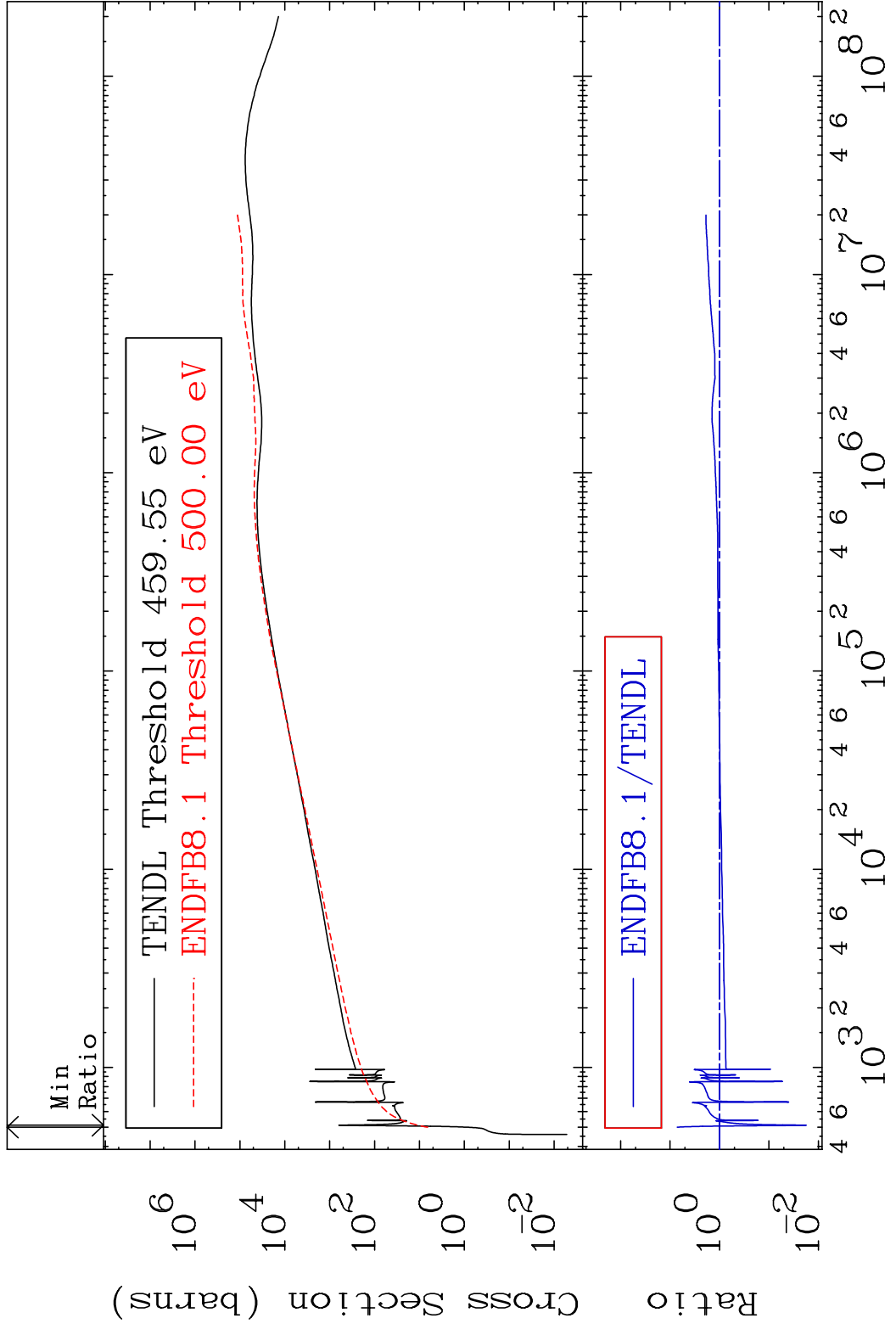
MAT 3440

Dpa elastic (mt2)

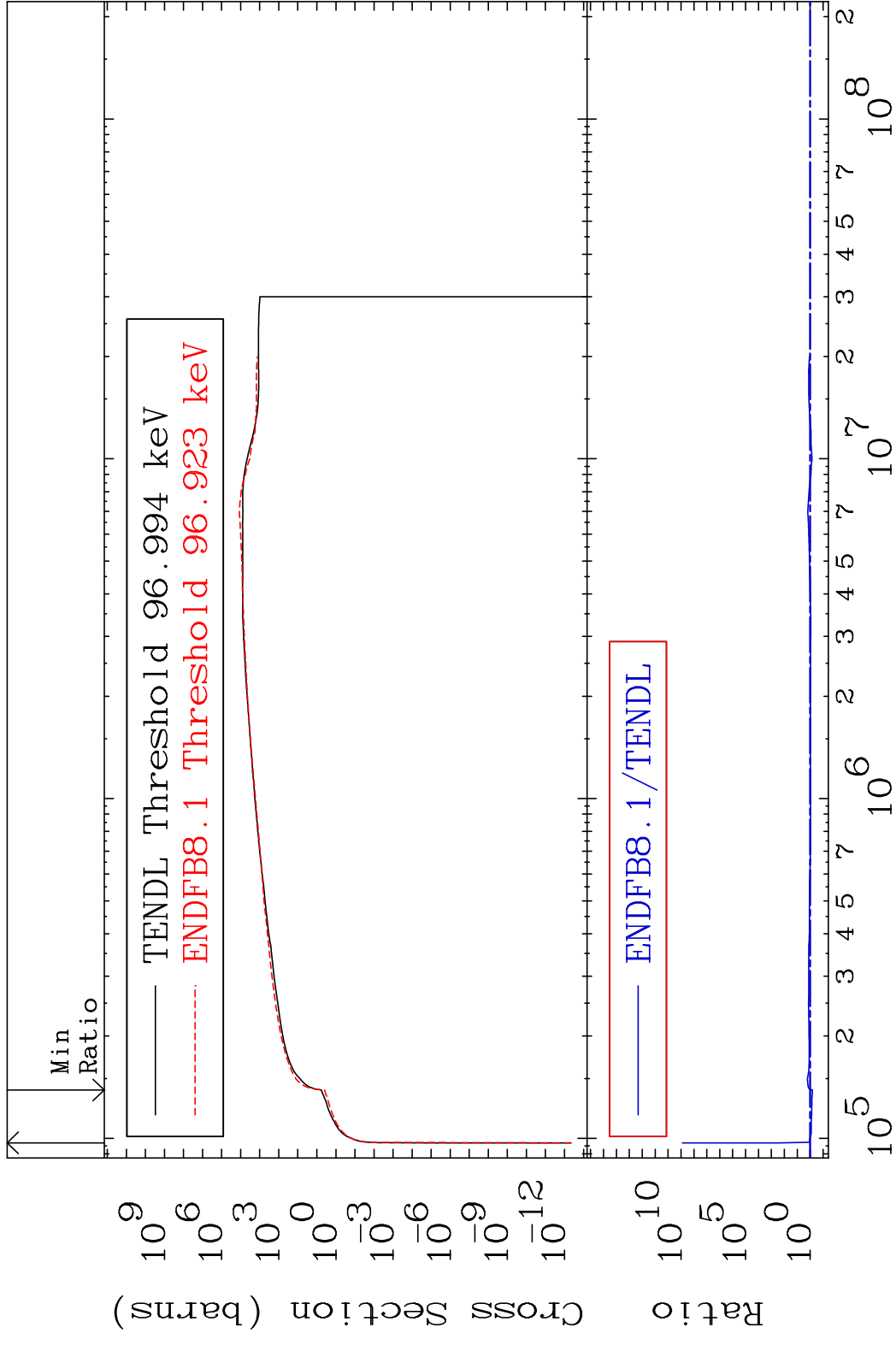
34-Se-79

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. %

