

Program Complot
(Version 2021-1)

by

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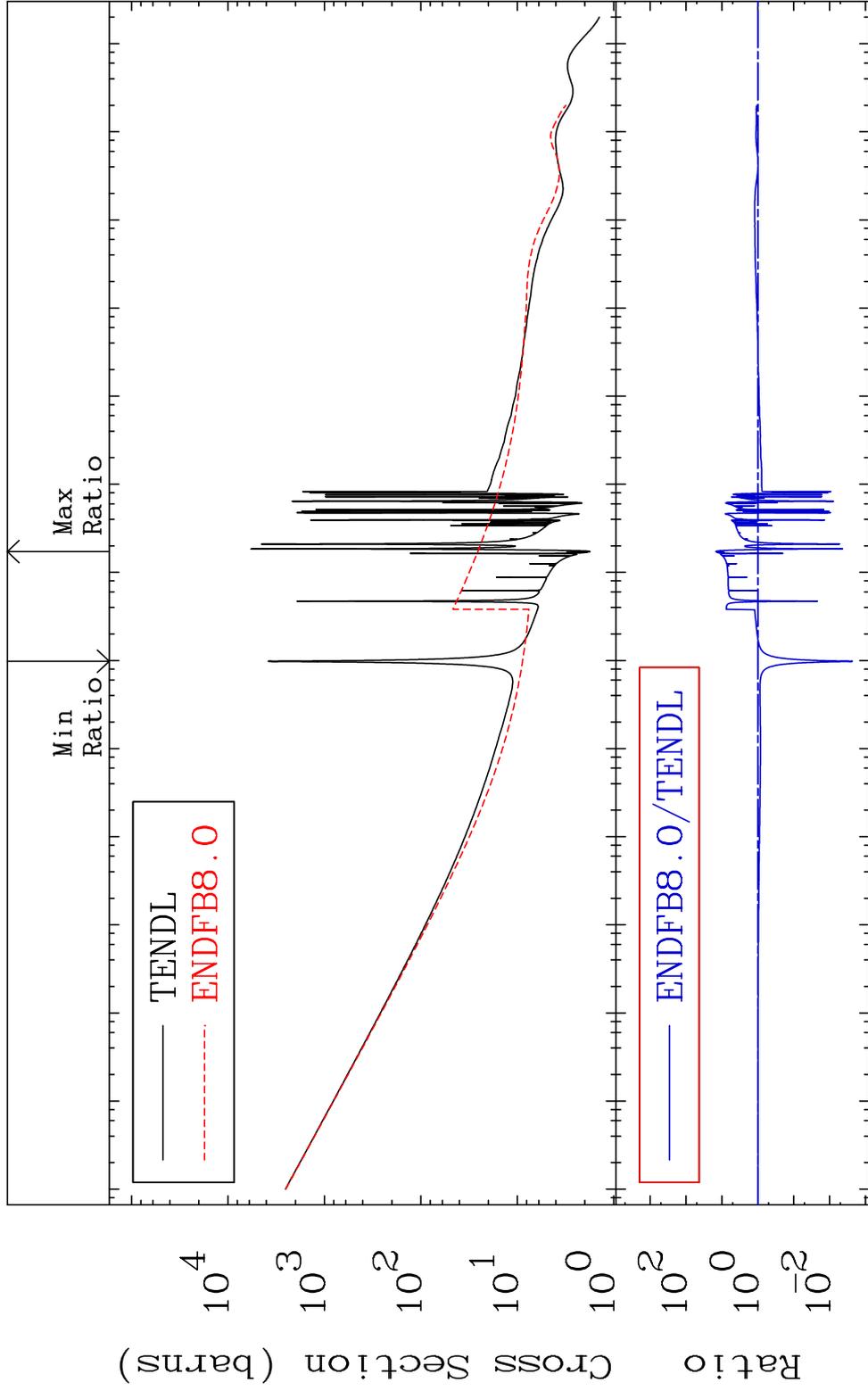
Press Mouse Button to Start

MAT 3440

34-Se-79

Total

Cross Section -99.77 To 1369. %



1

Incident Energy (eV)

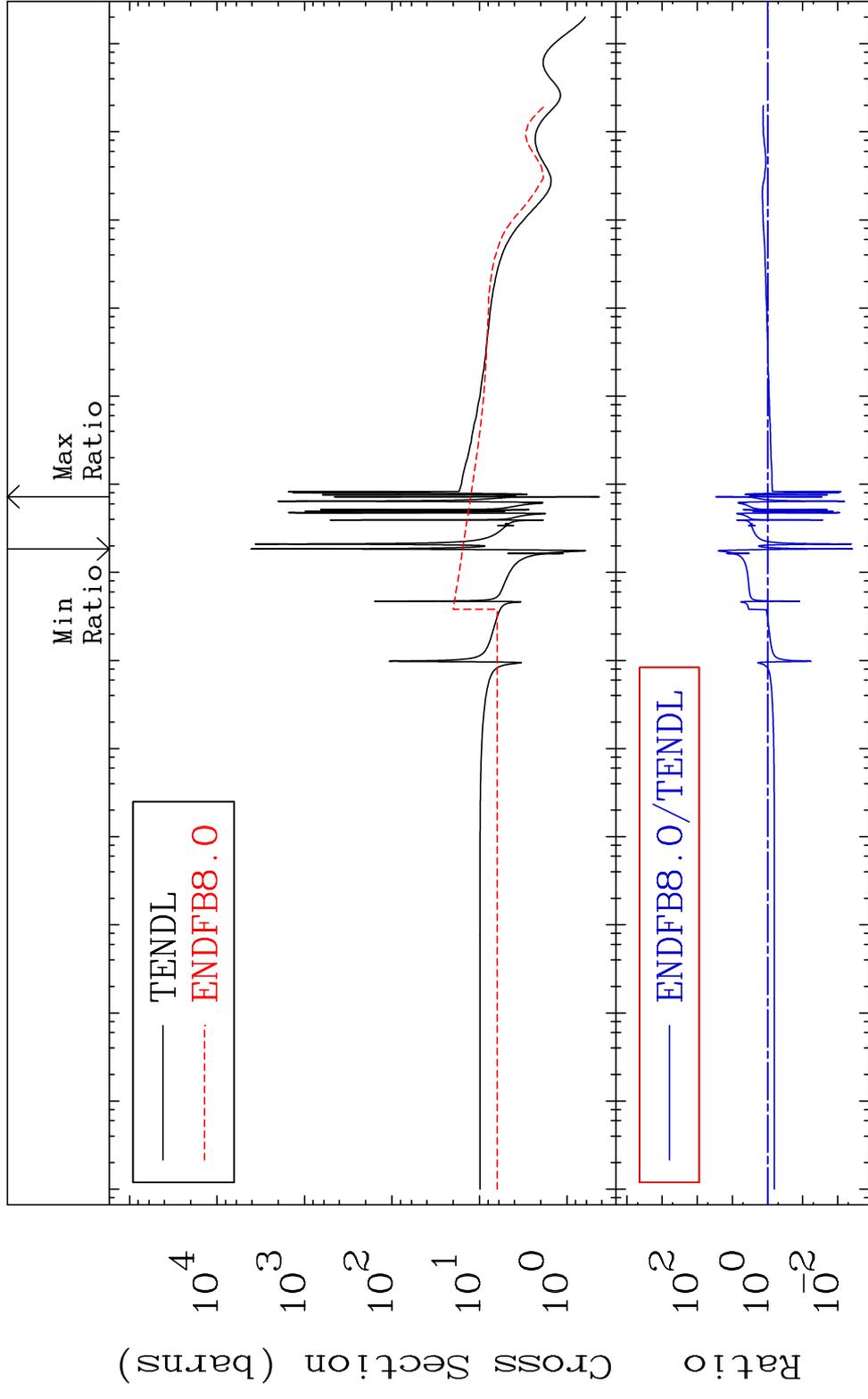
34-Se-79

MAT 3440

Elastic

34-Se-79

Cross Section -99.62 To 2847. %



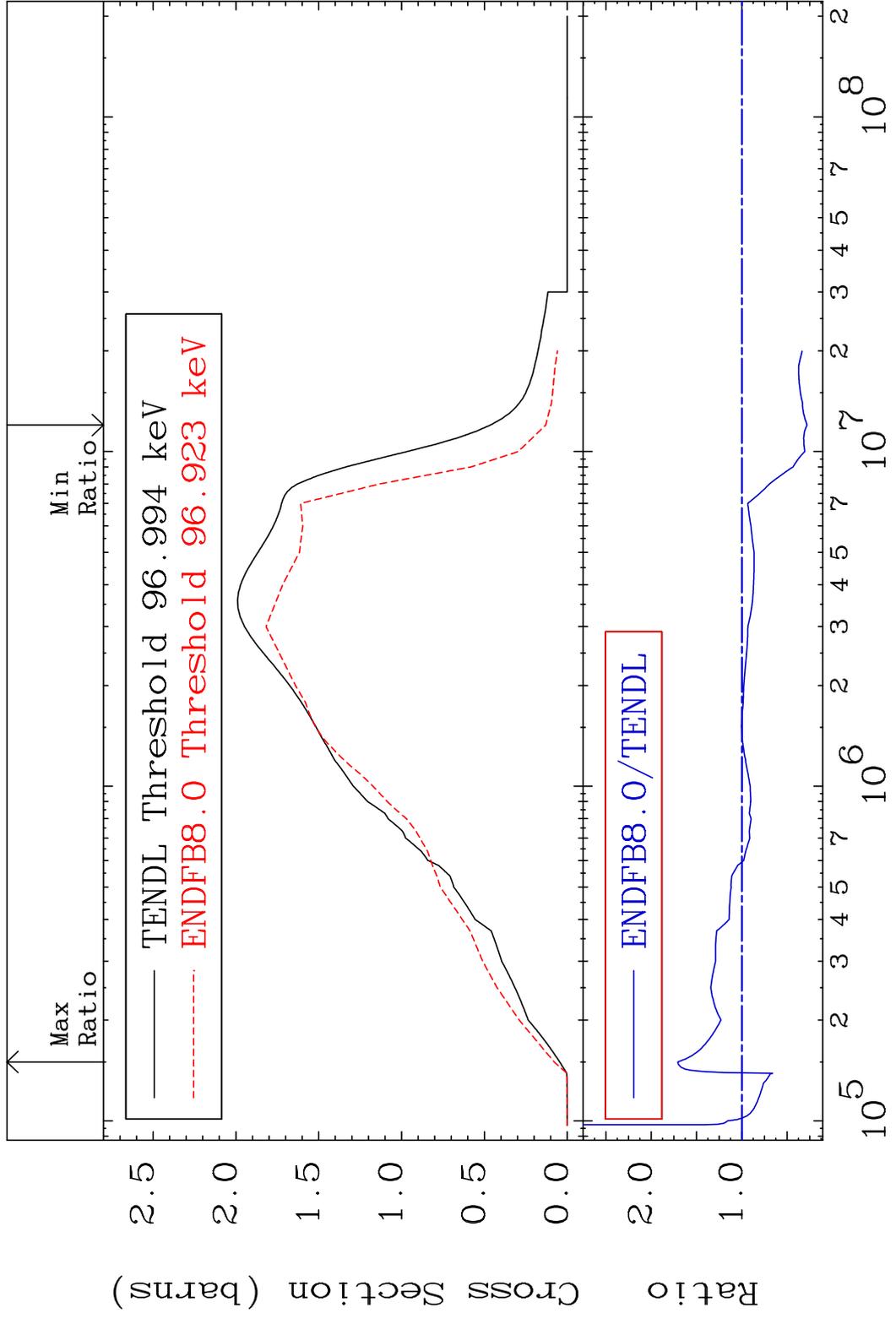
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

2

Incident Energy (eV)

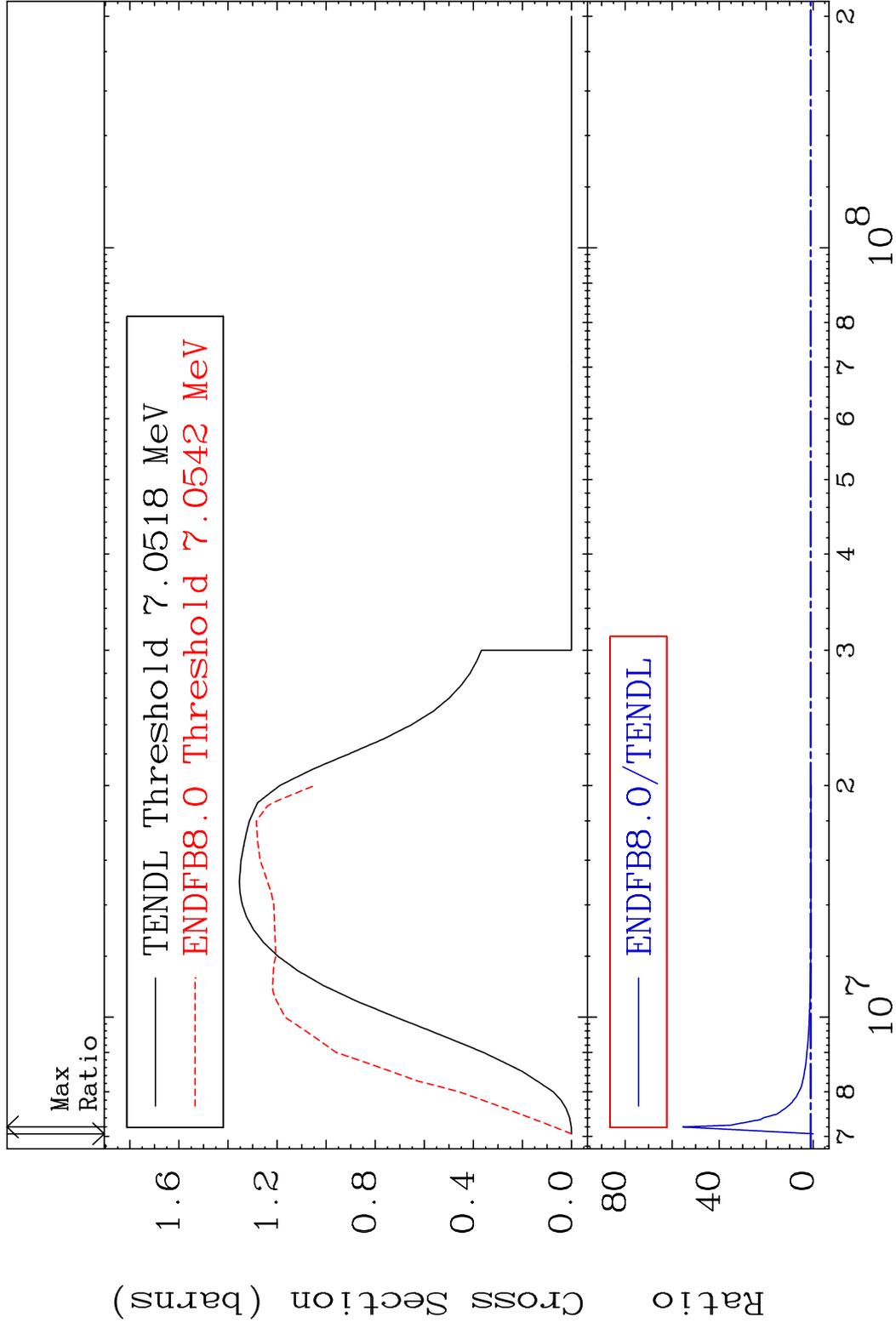
34-Se-79

MAT 3440 Inelastic Cross Section -71.92 To 70.75 % 34-Se-79



3 Incident Energy (eV) 34-Se-79

MAT 3440 (n,2n) 34-Se-79
 Cross Section -100.0 To 5447. %



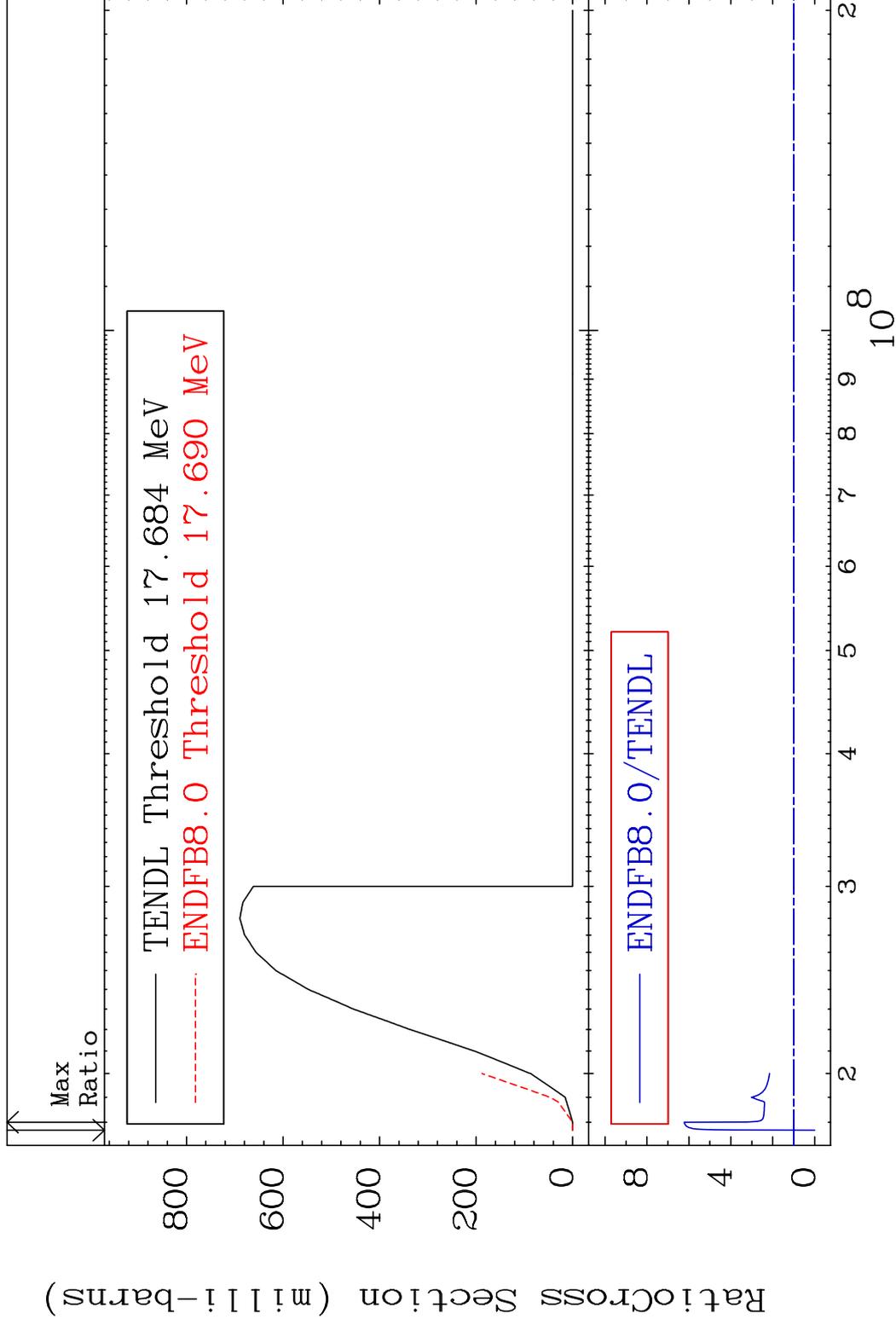
4 Incident Energy (eV) 34-Se-79

MAT 3440

(n,3n)

³⁴Se-79

Cross Section -100.0 To 522.7 %



5

Incident Energy (eV)

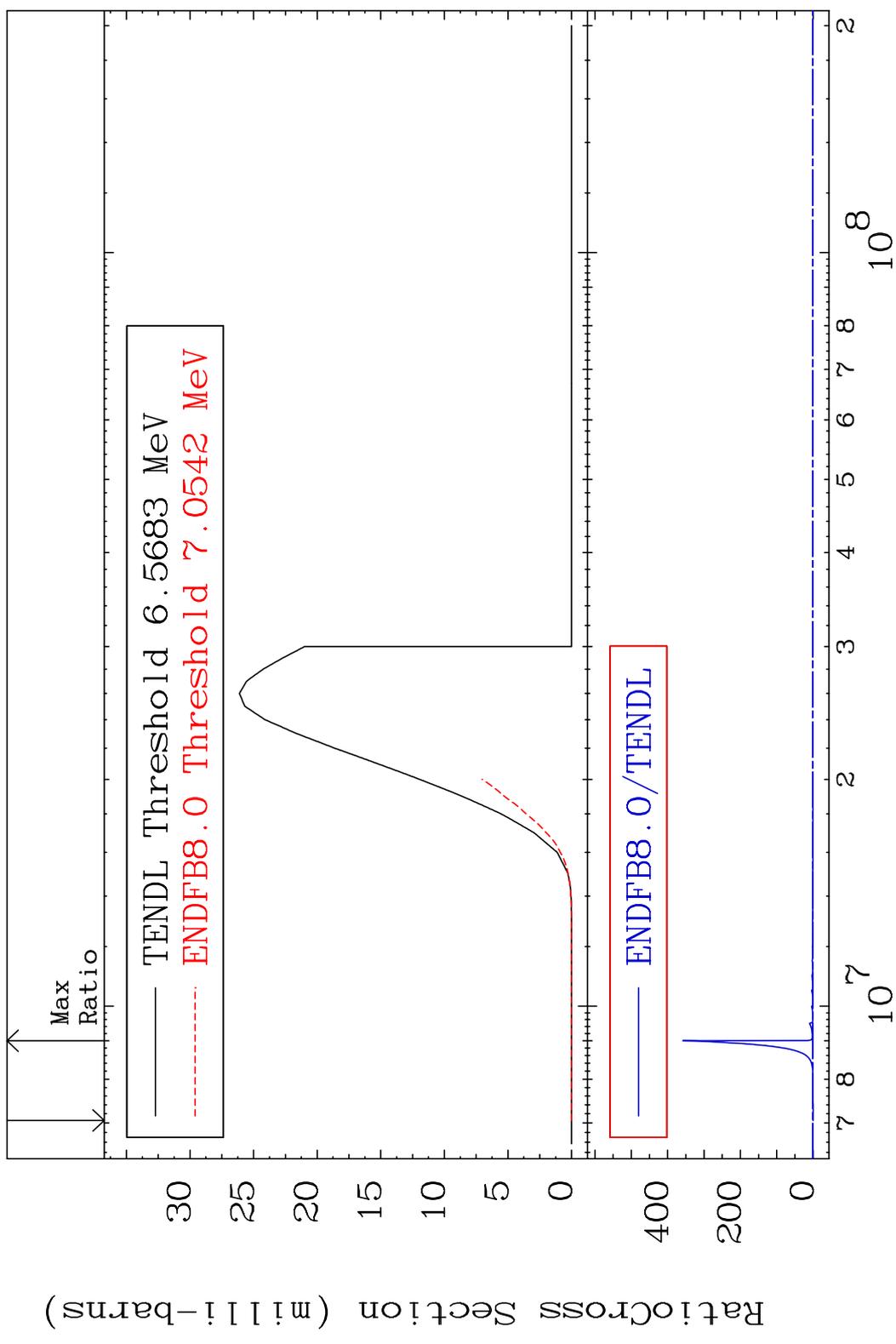
³⁴Se-79

MAT 3440

(n, n') α

34-Se-79

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

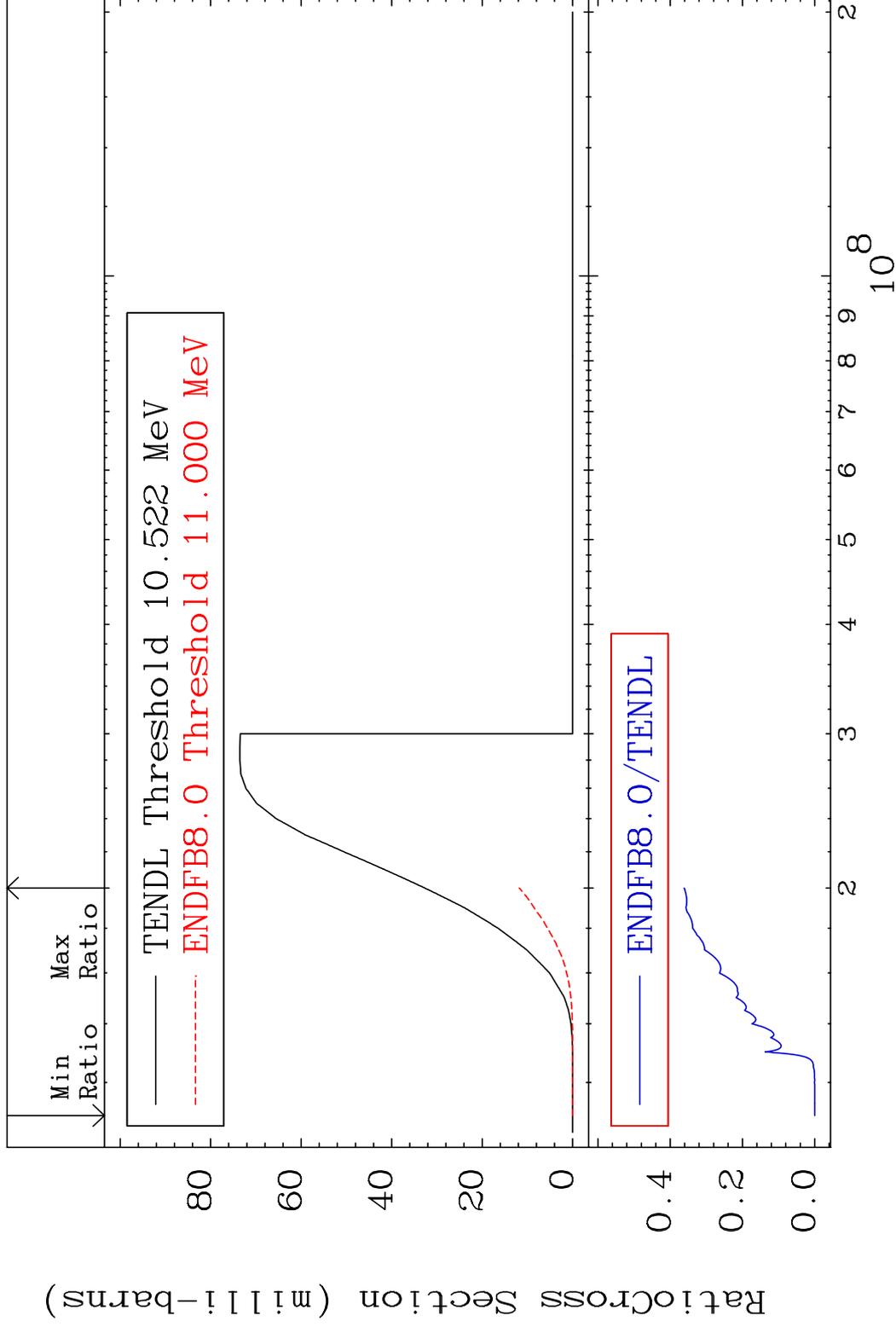
34-Se-79

MAT 3440

(n, n') p

³⁴Se-79

Cross Section -100.0 To -63.85%

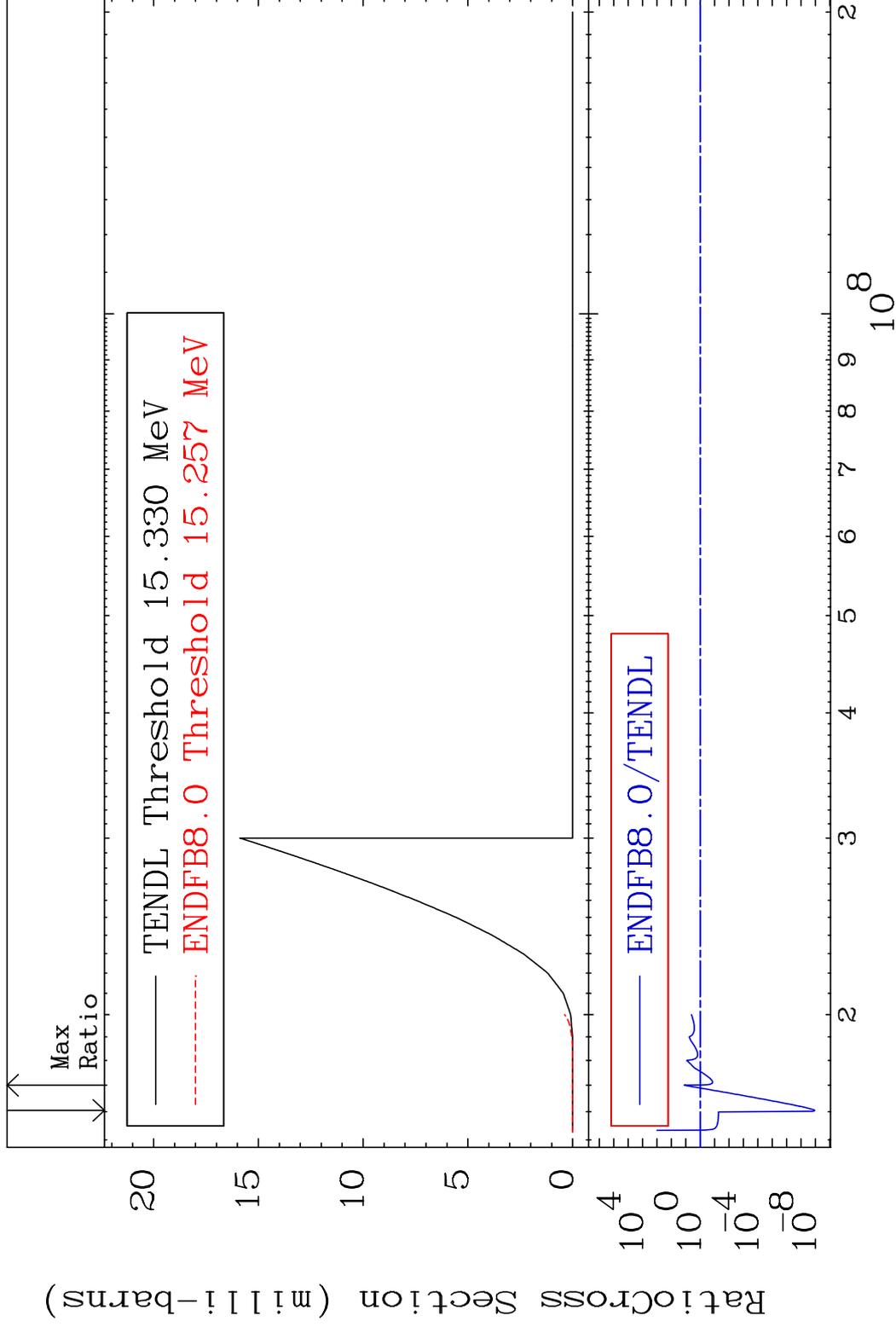


MAT 3440

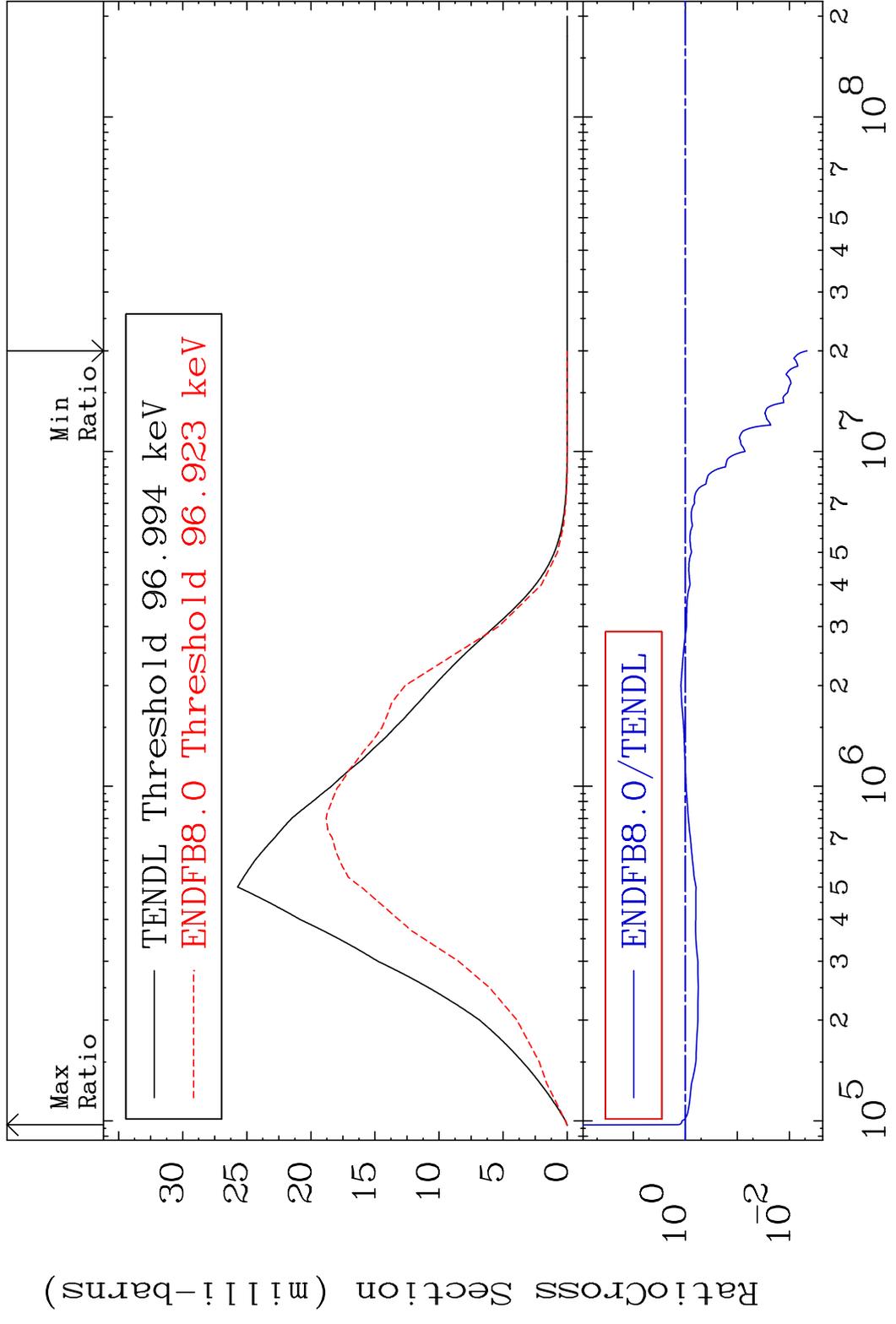
(n, n') d

34-Se-79

Cross Section -100.0 To 1181. %

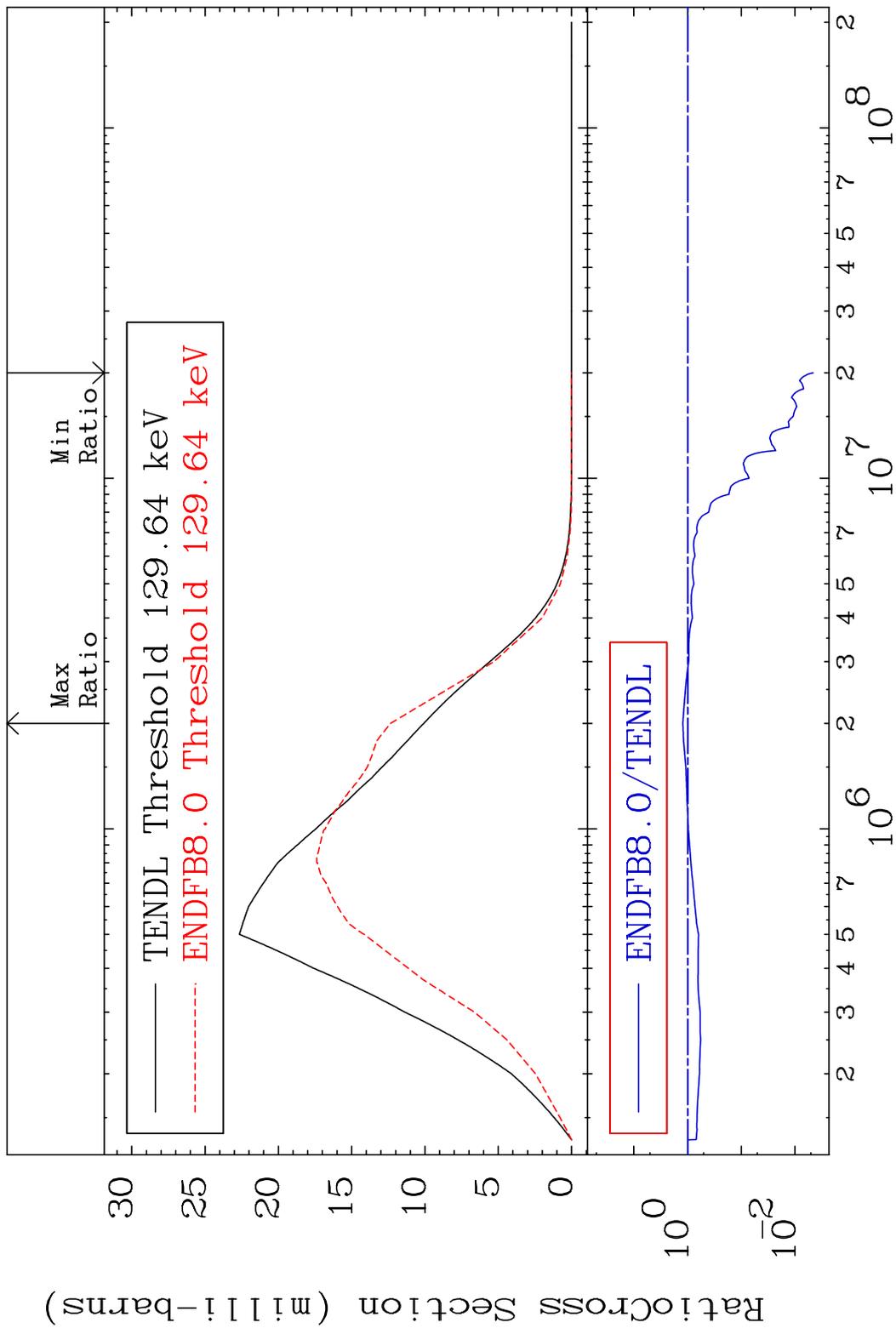


MAT 3440 MT= 51 (n,n') Level 34-Se-79
 Cross Section -99.54 To 40.65 %

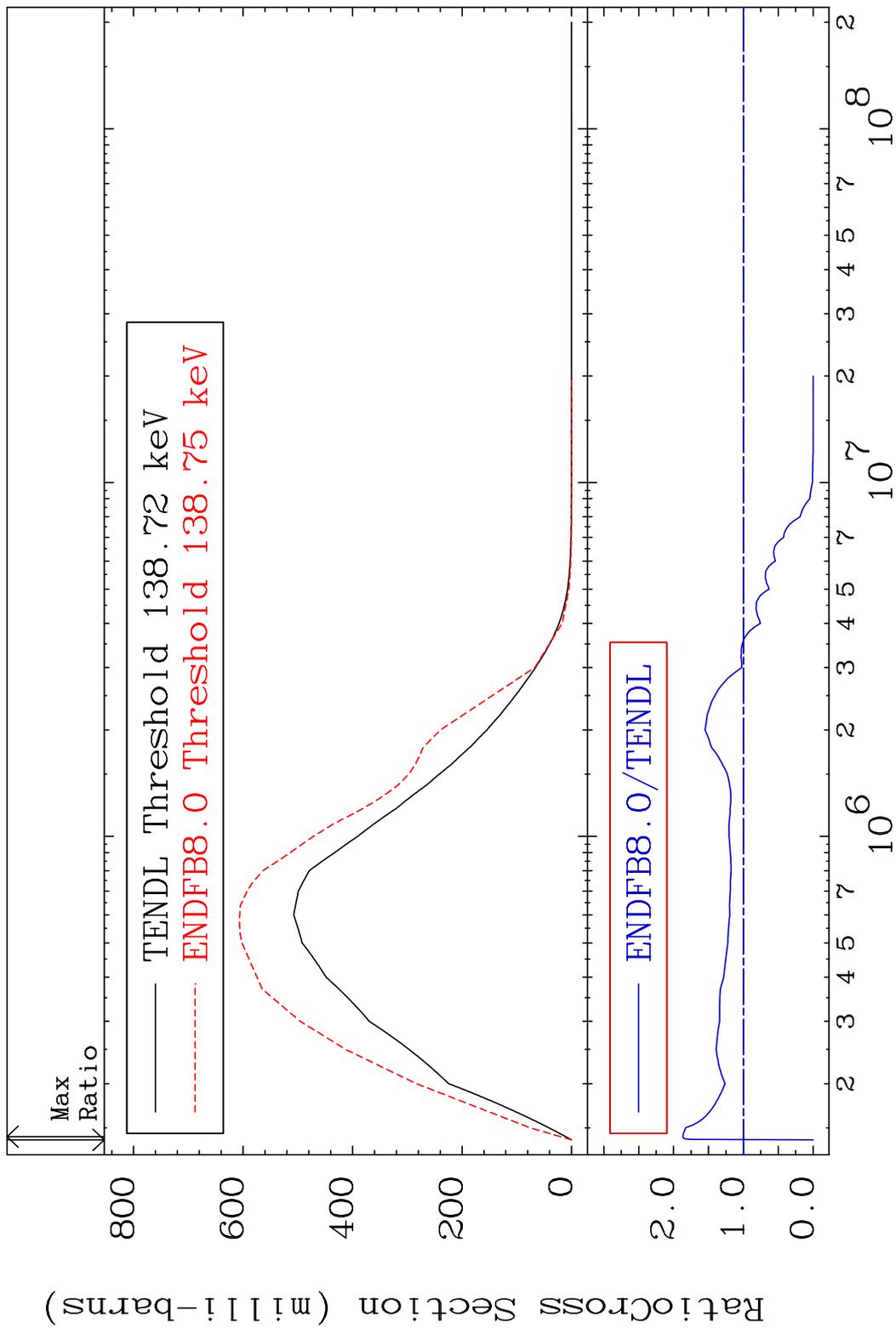


9 34-Se-79

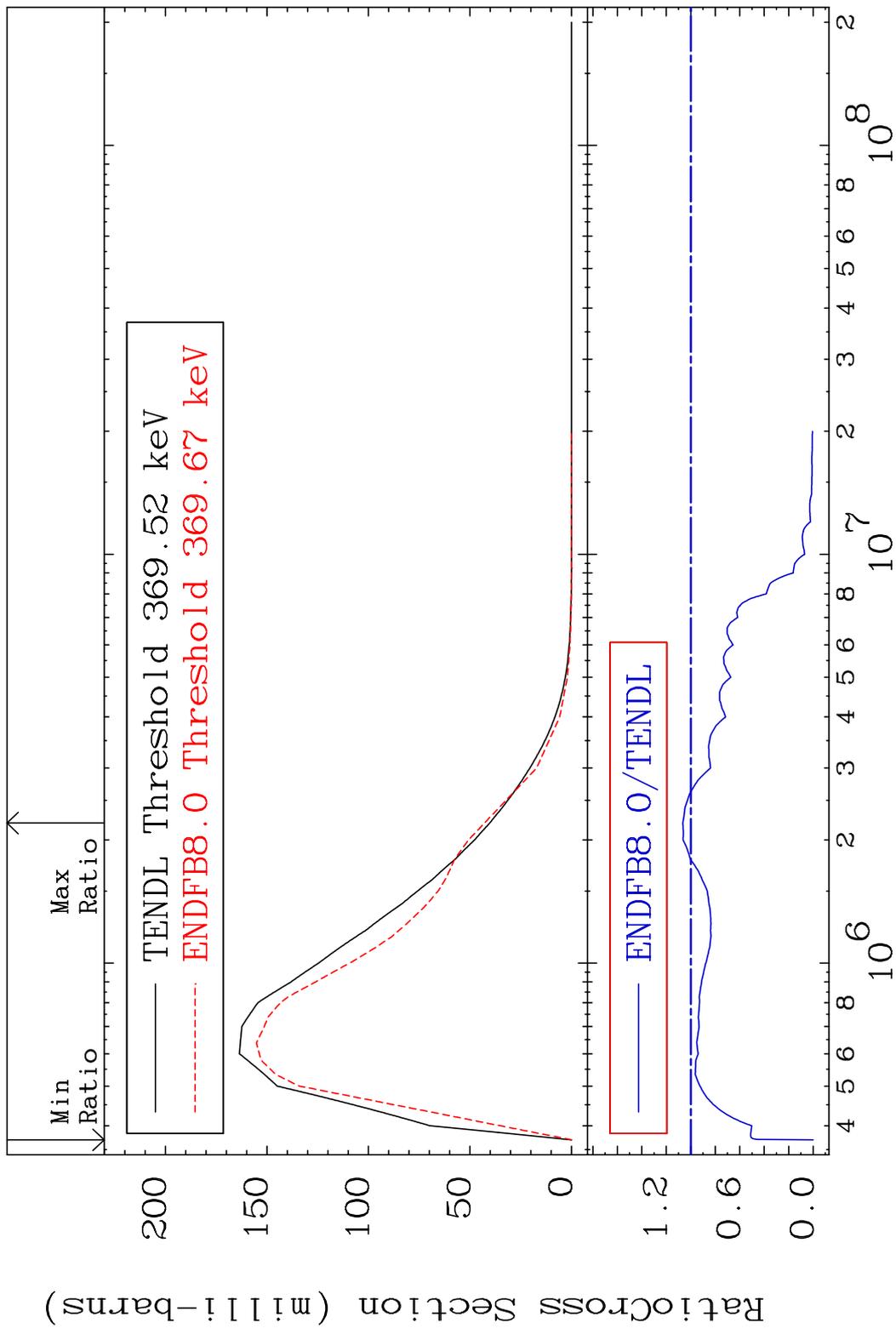
MAT 3440 MT= 52 (n,n') Level 34-Se-79
 Cross Section -99.54 To 22.46 %



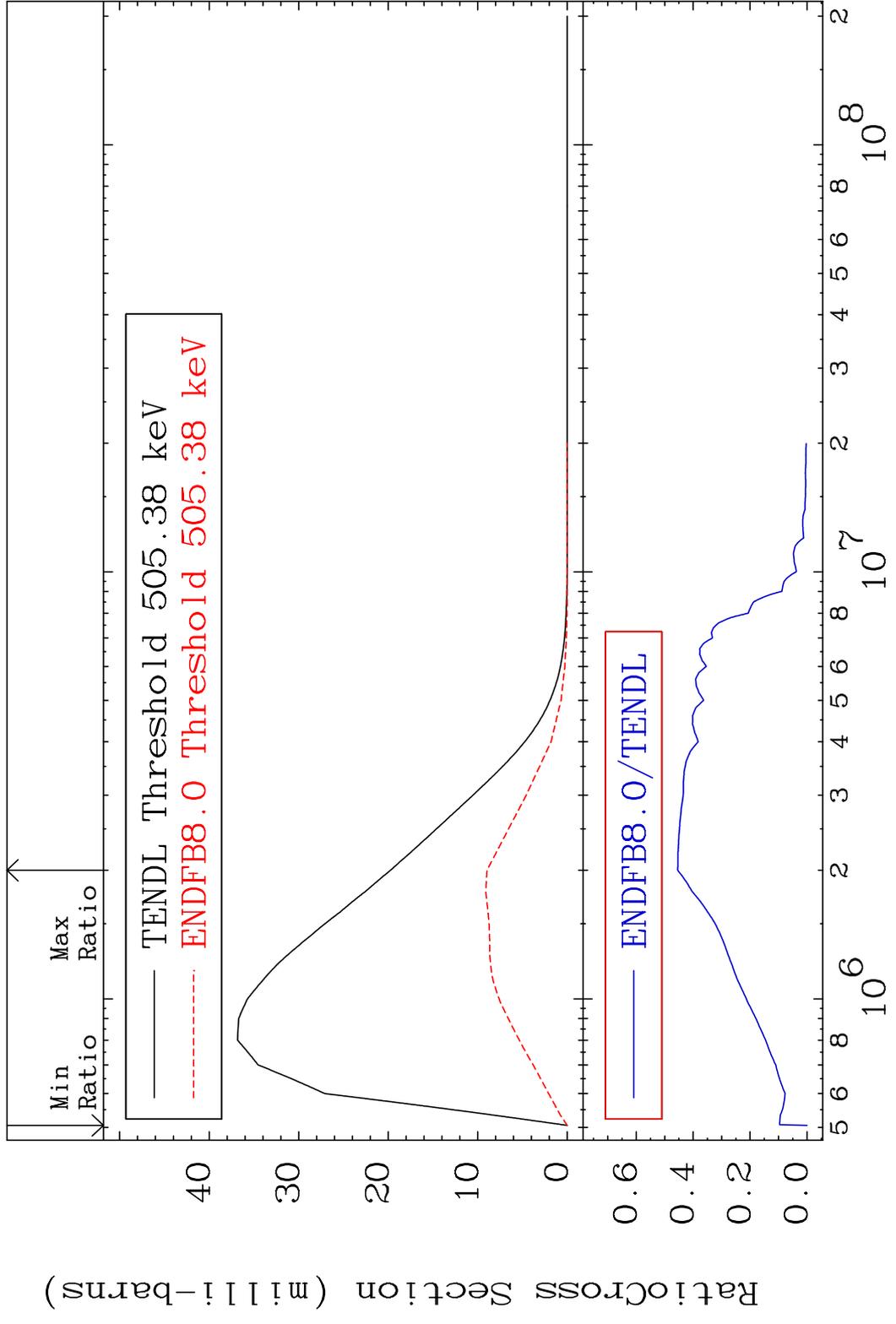
MAT 3440 MT= 53 (n, n') Level 34-Se-79
 Cross Section -100.0 To 86.76 %



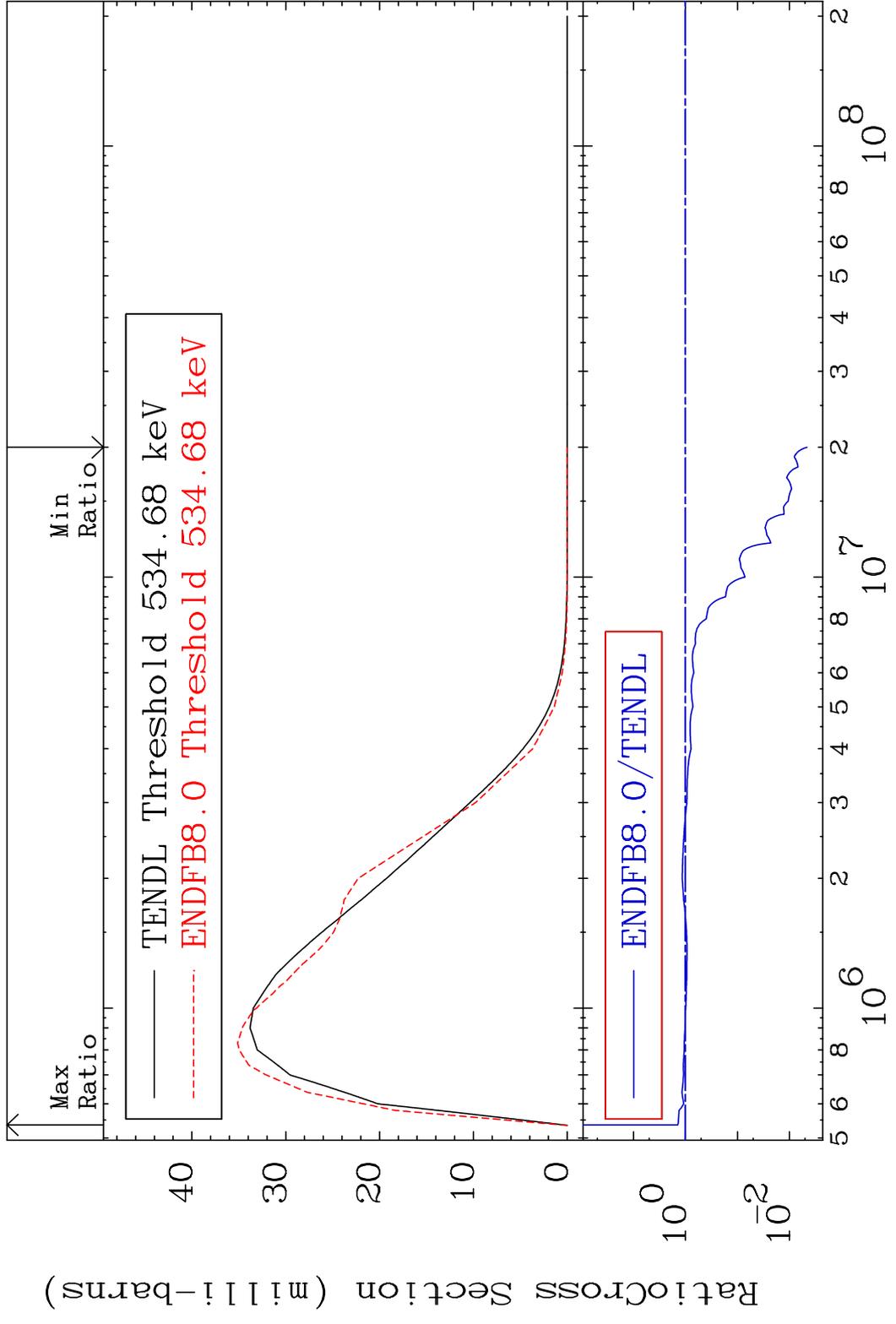
MAT 3440 MT= 54 (n,n') Level 34-Se-79
 Cross Section -100.0 To 6.474 %



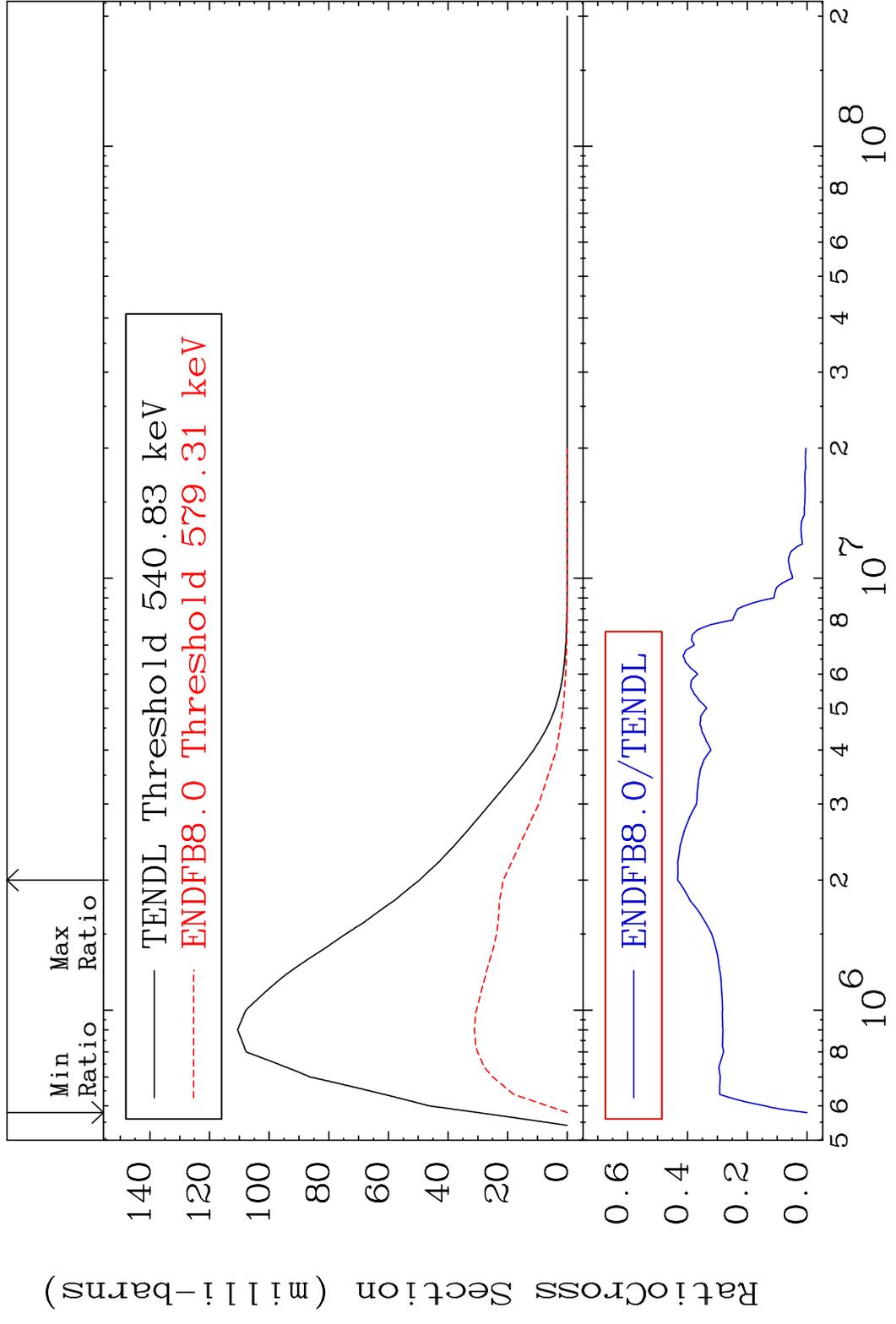
MAT 3440 MT= 55 (n, n') Level 34-Se-79
 Cross Section -100.0 To -54.56%



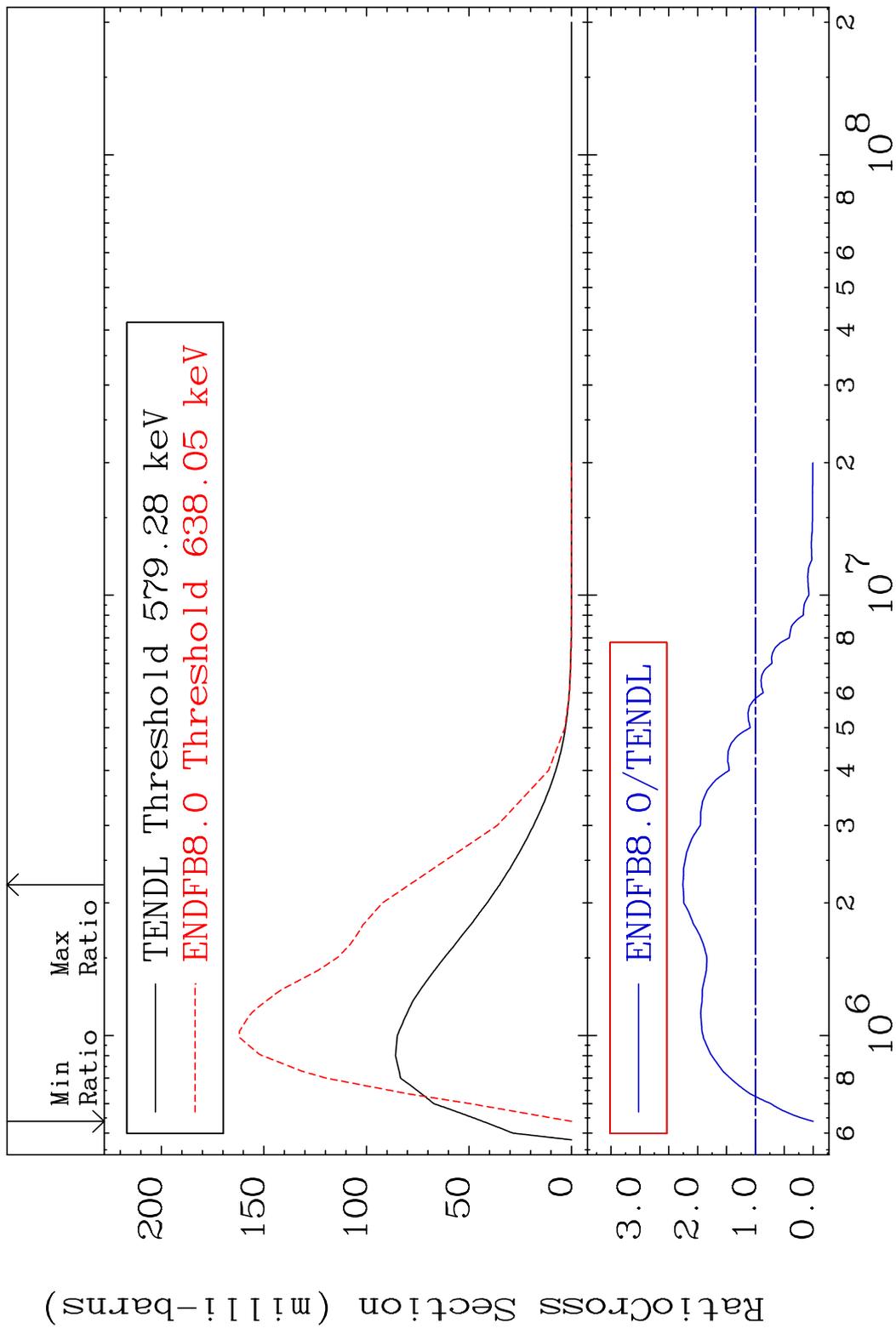
MAT 3440 MT= 56 (n, n') Level 34-Se-79
 Cross Section -99.54 To 41.29 %



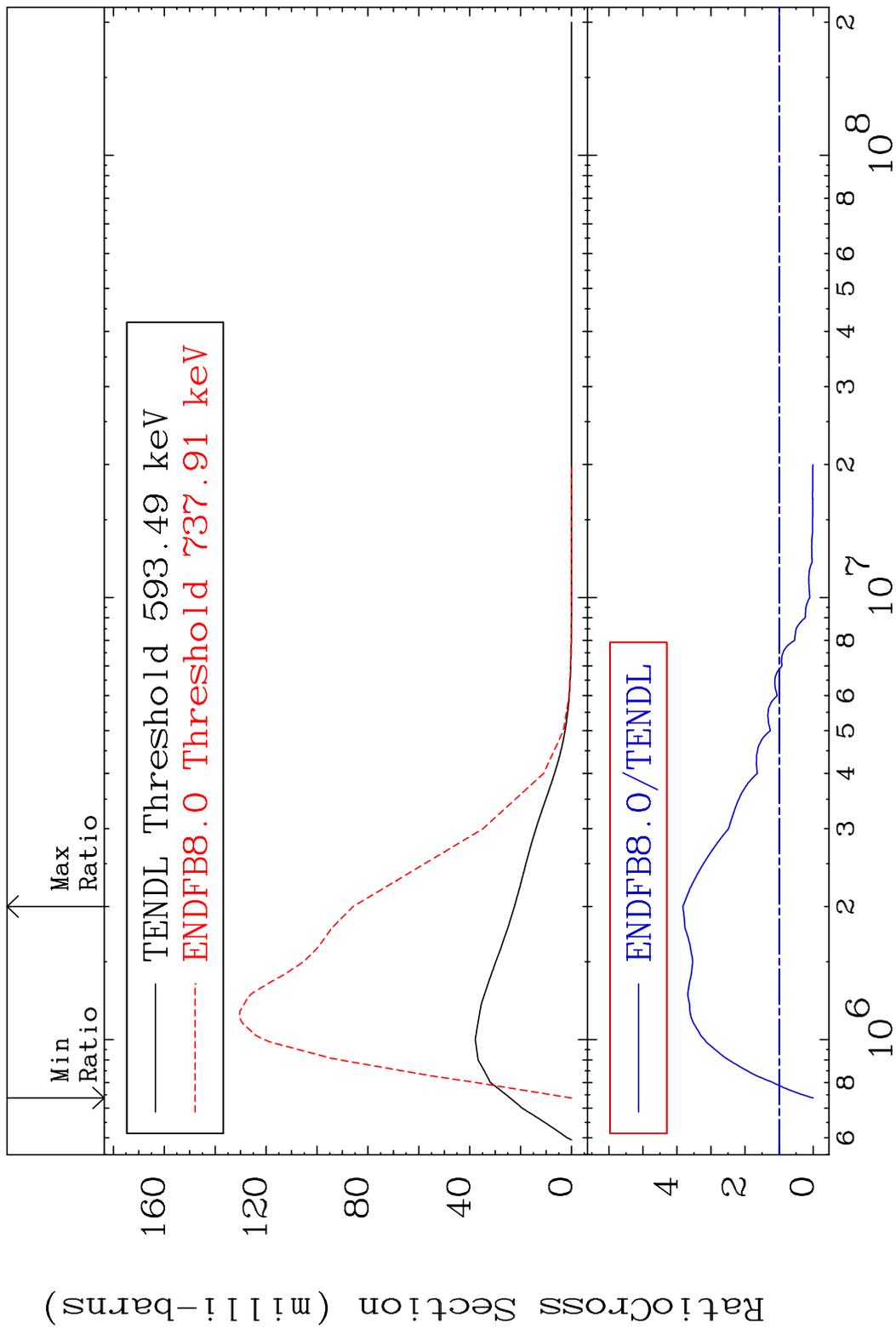
MAT 3440 MT= 57 (n,n') Level 34-Se-79
 Cross Section -100.0 To -56.73%



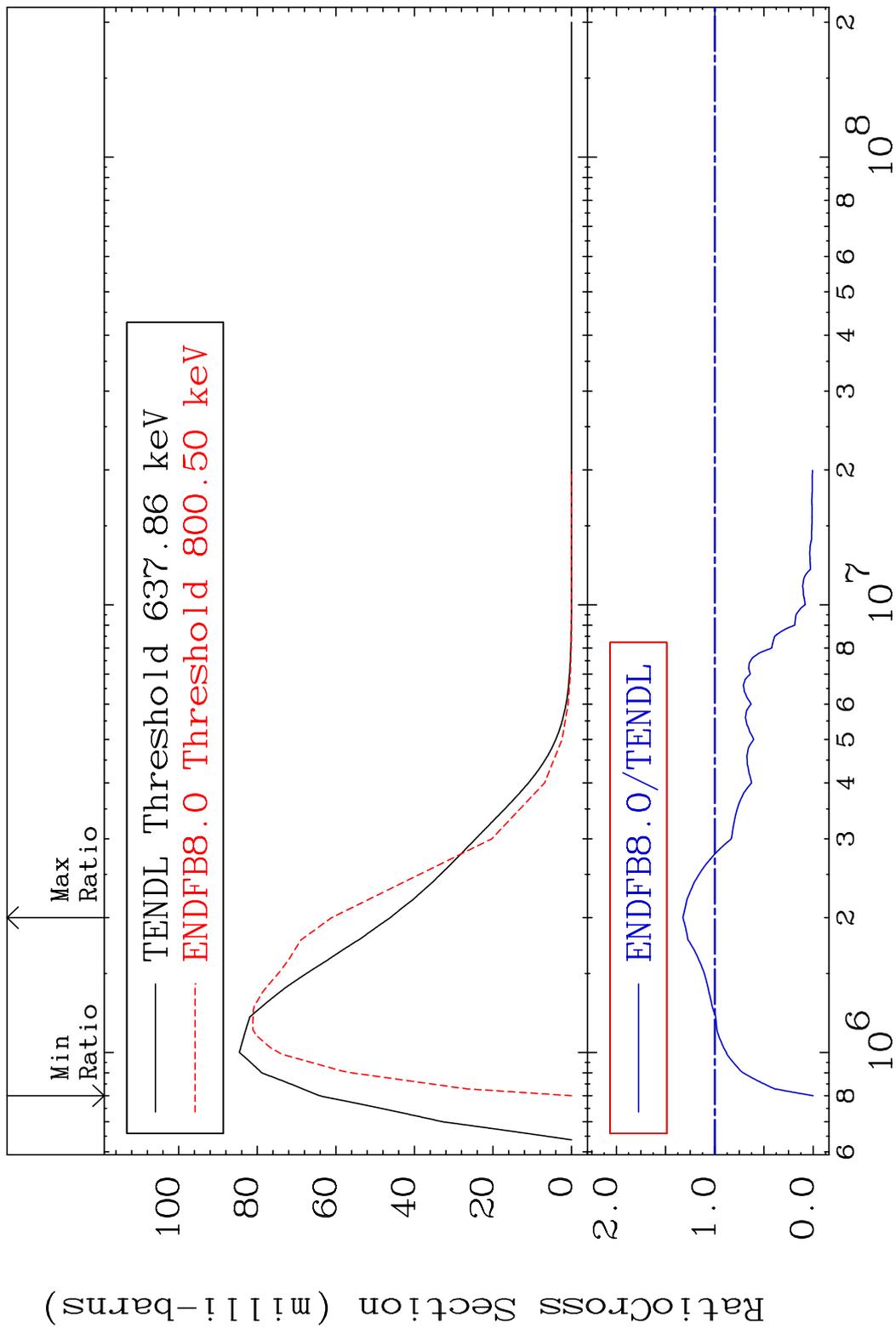
MAT 3440 MT= 58 (n,n') Level 34-Se-79
 Cross Section -100.0 To 125.7 %



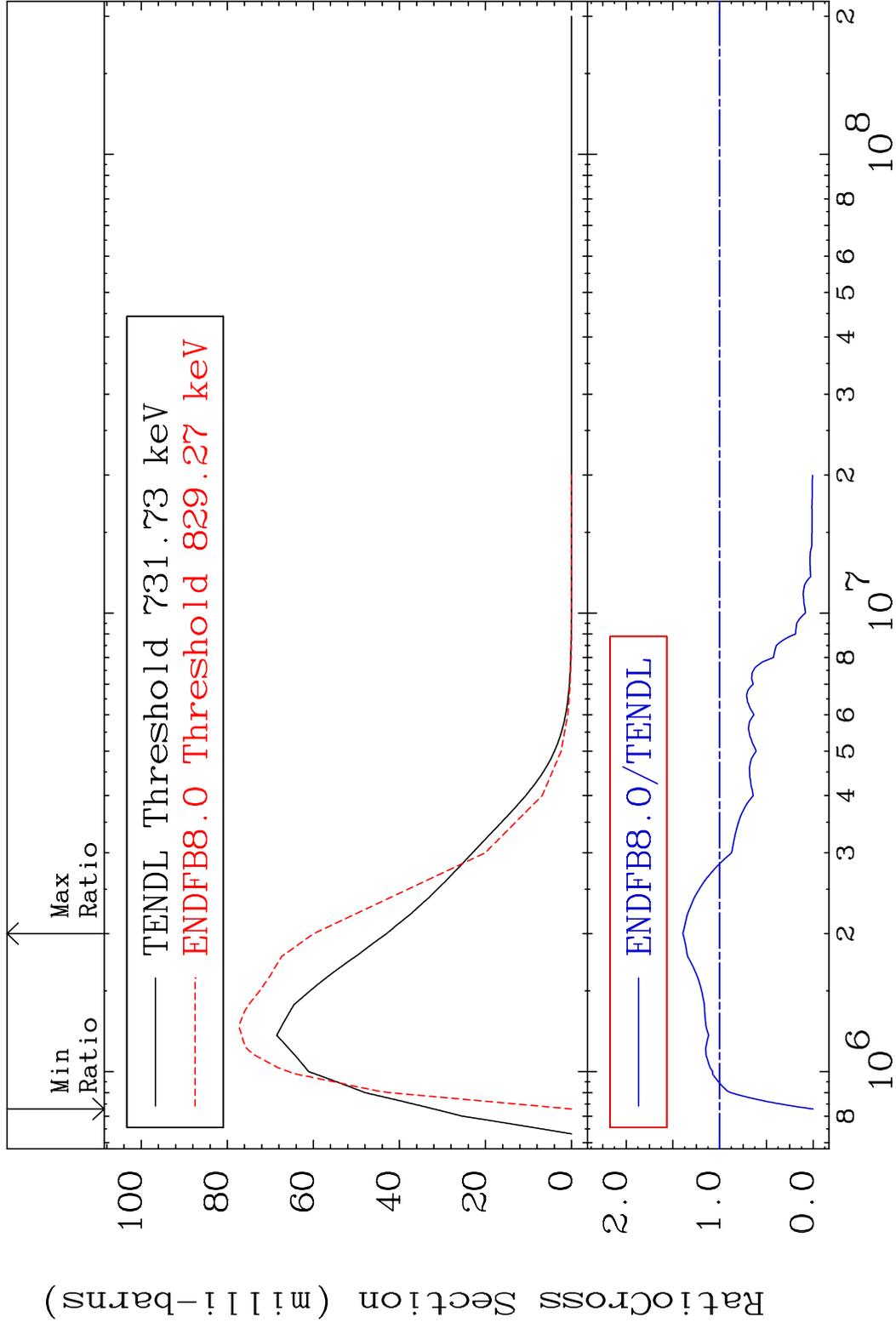
MAT 3440 MT= 59 (n,n') Level 34-Se-79
 Cross Section -100.0 To 282.8 %



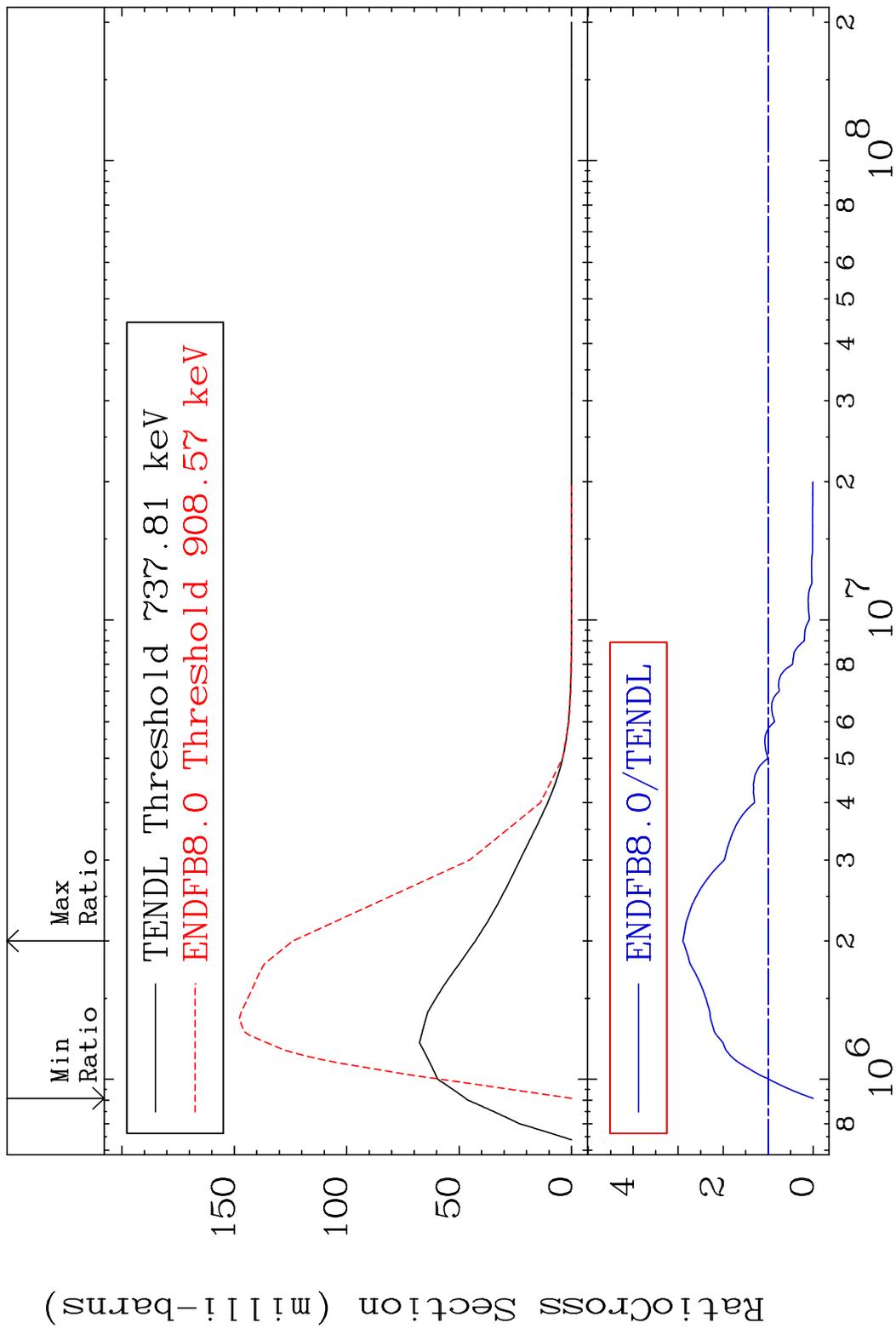
MAT 3440 MT= 60 (n, n') Level 34-Se-79
 Cross Section -100.0 To 32.43 %



MAT 3440 MT= 61 (n,n') Level 34-Se-79
 Cross Section -100.0 To 39.40 %

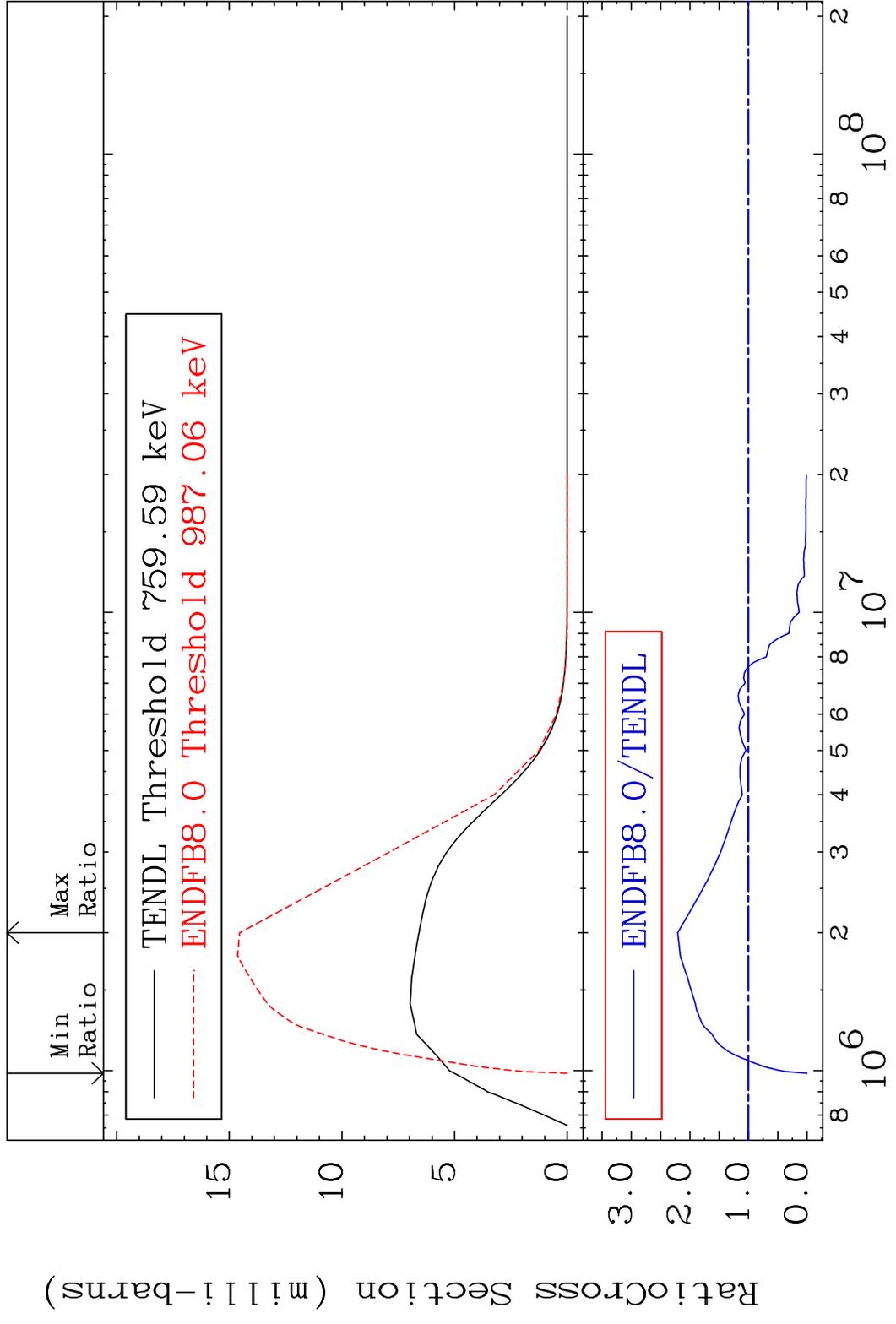


MAT 3440 MT= 62 (n, n') Level 34-Se-79
 Cross Section -100.0 To 189.7 %

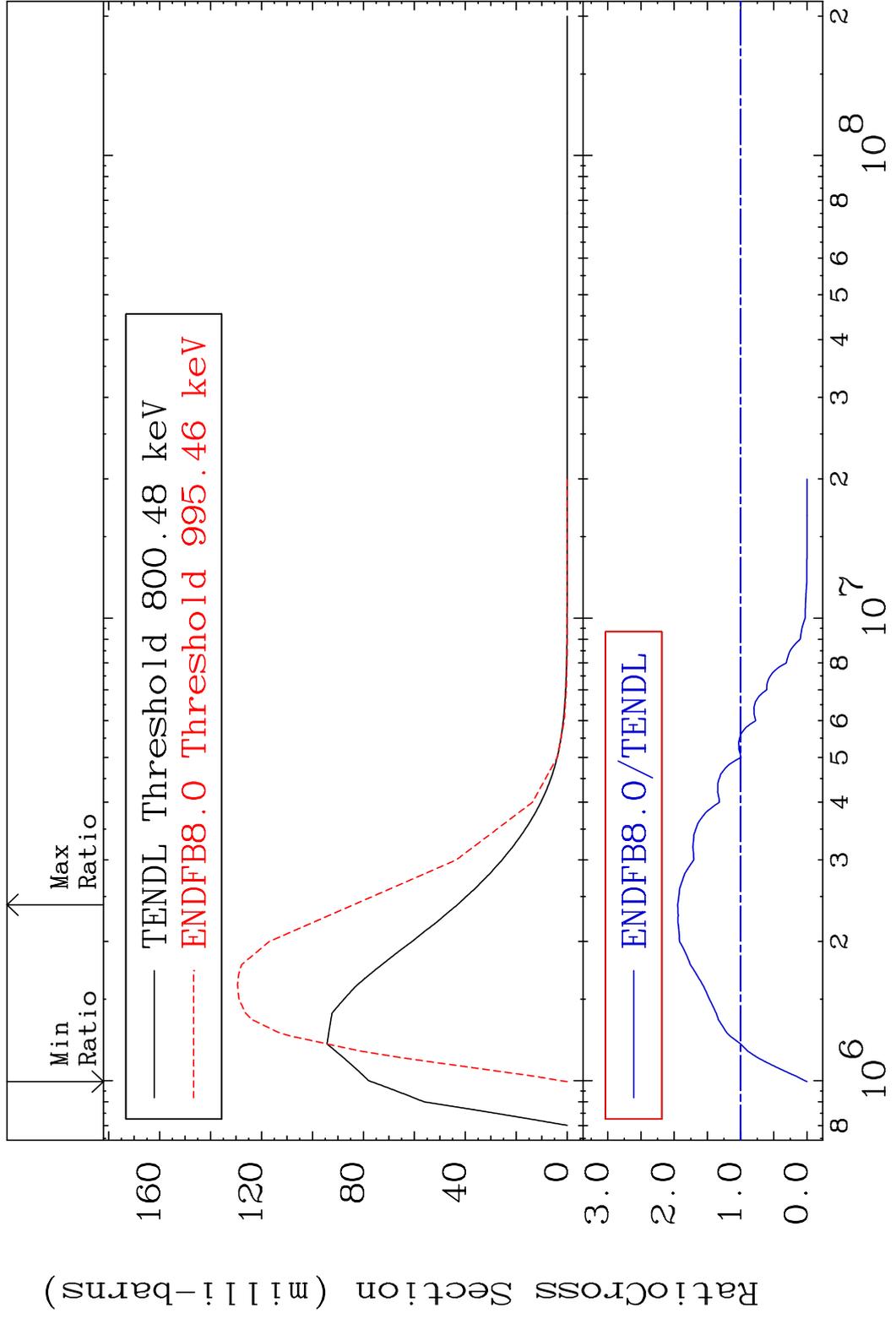


20 34-Se-79

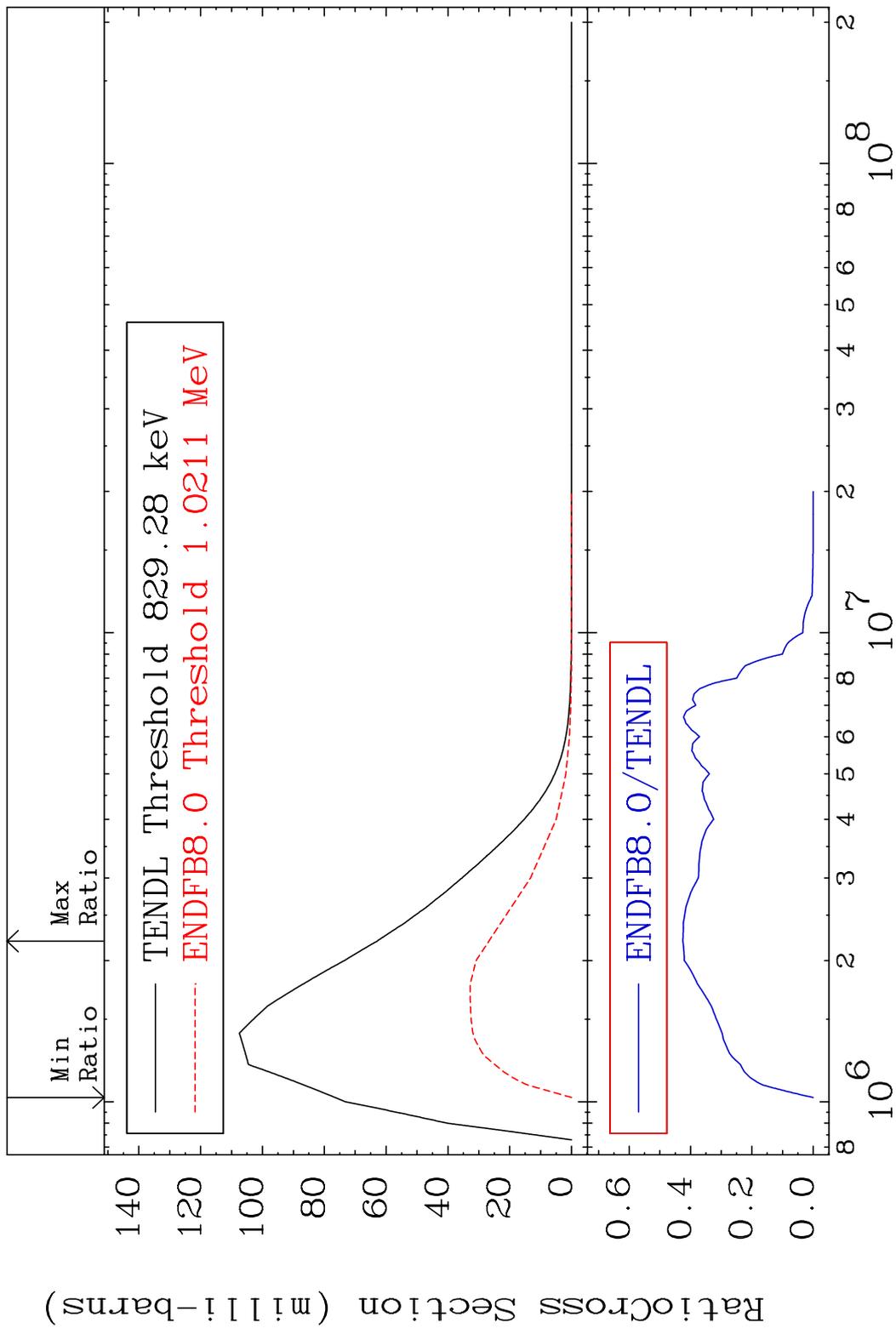
MAT 3440 MT= 63 (n, n') Level 34-Se-79
 Cross Section -100.0 To 120.9 %



MAT 3440 MT= 64 (n, n') Level 34-Se-79
 Cross Section -100.0 To 94.69 %



MAT 3440 MT= 65 (n,n') Level 34-Se-79
 Cross Section -100.0 To -57.48%

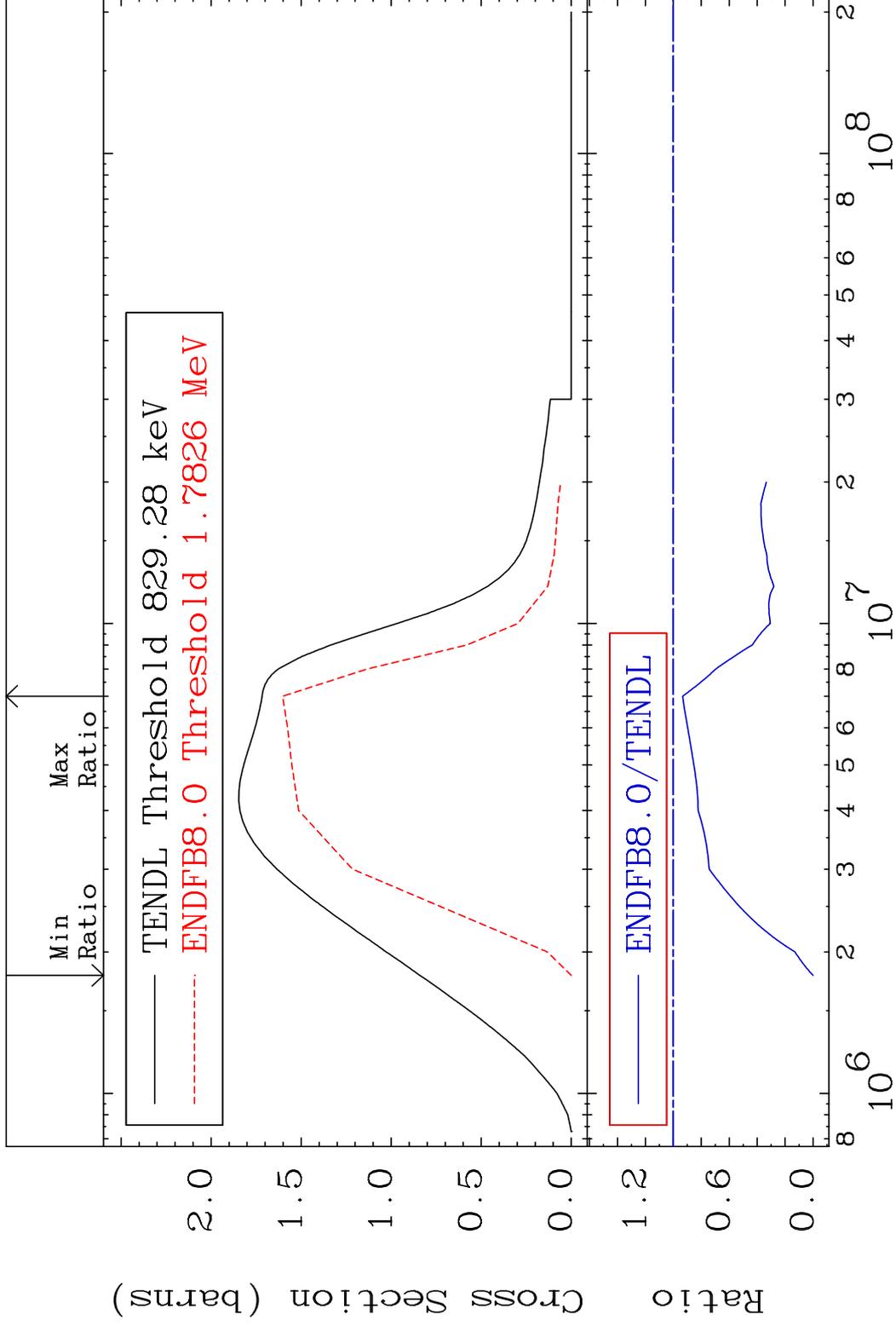


MAT 3440

(n, n') Continuum

³⁴Se-79

Cross Section -100.0 To -6.651%



24

Incident Energy (eV)

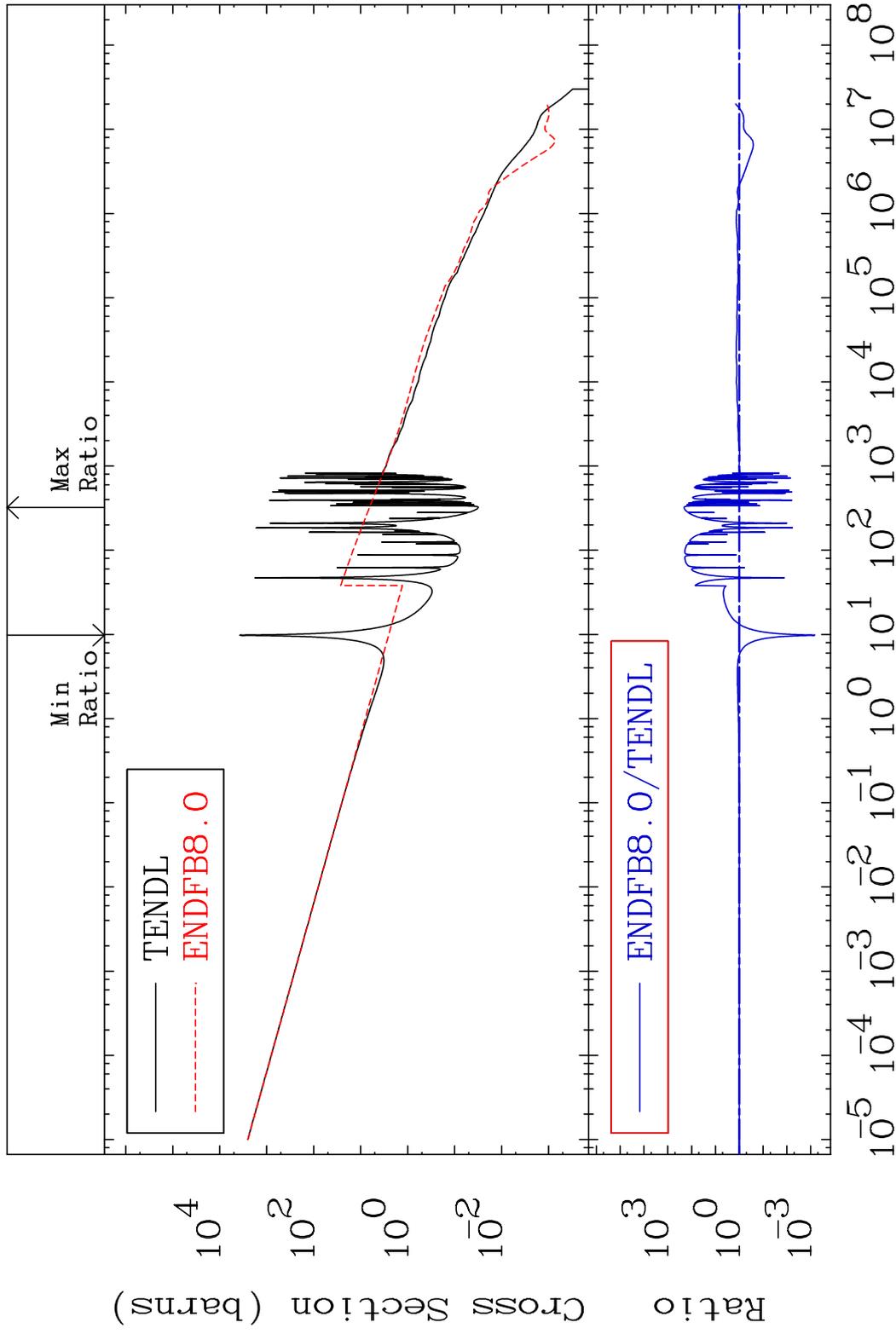
³⁴Se-79

MAT 3440

(n, γ)

34-Se-79

Cross Section -99.93 To 9999. %

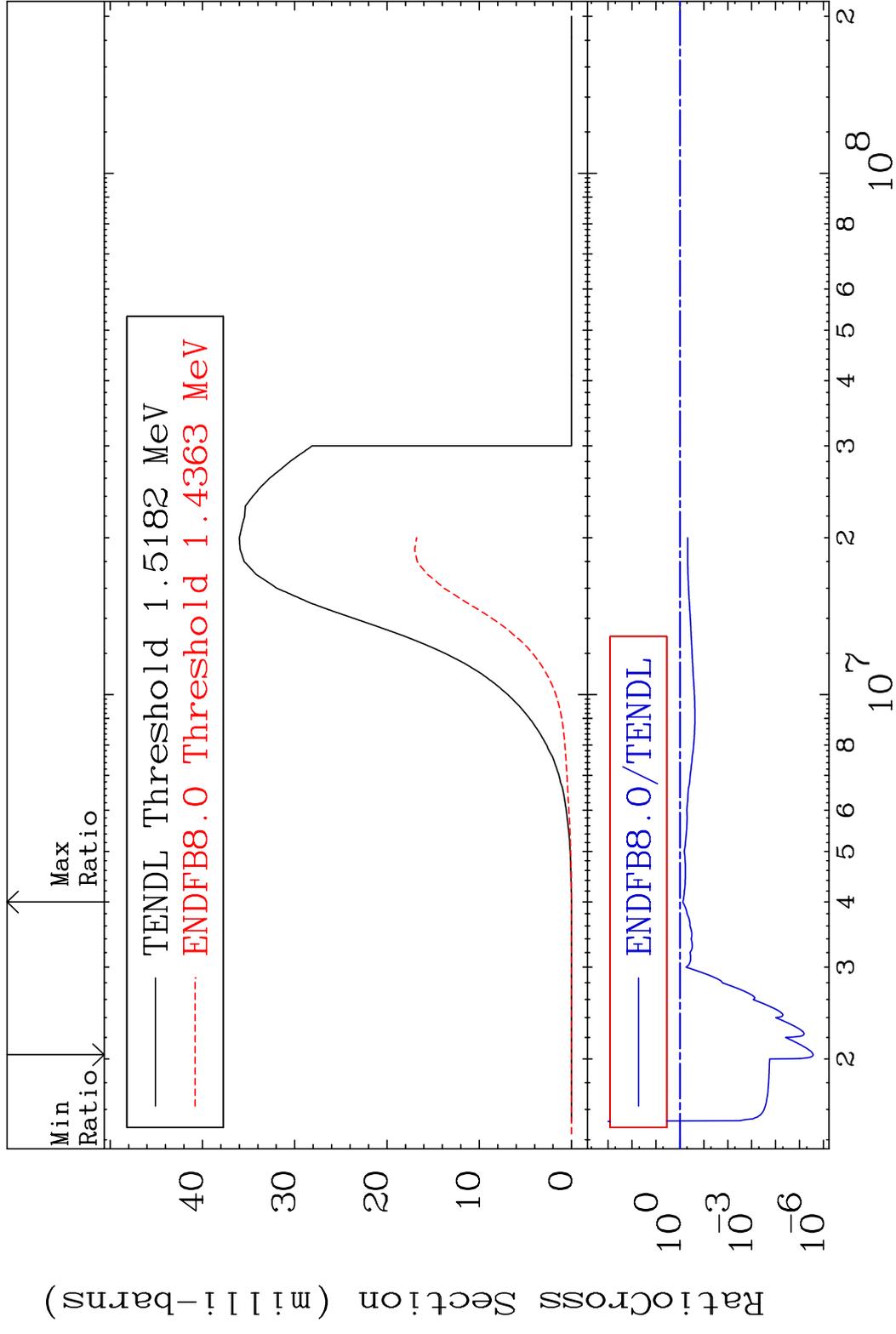


25

Incident Energy (eV)

34-Se-79

MAT 3440 (n,p) 34-Se-79
 Cross Section -100.0 To -24.99%

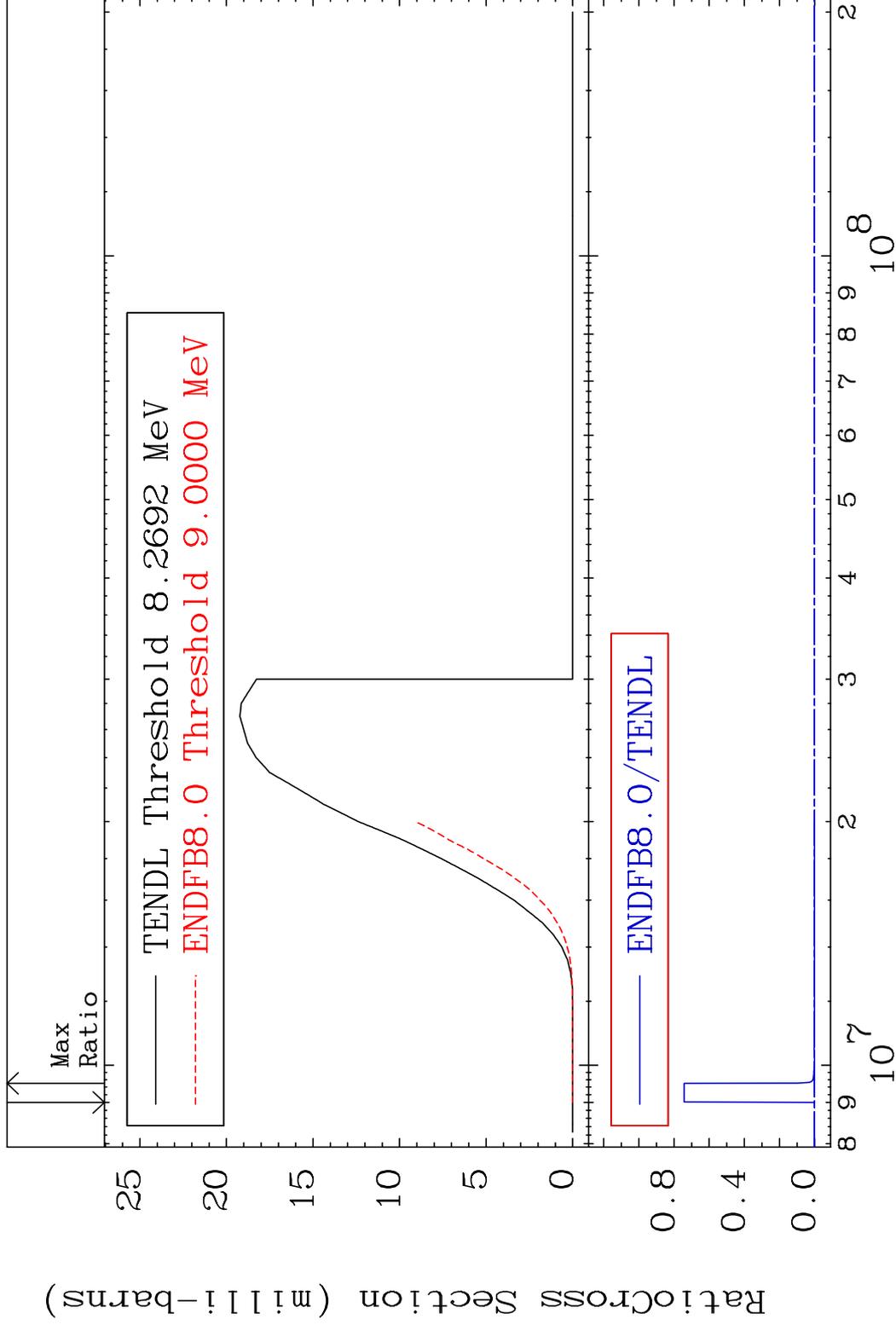


MAT 3440

(n,d)

34-Se-79

Cross Section -100.0 To 9999. %



27

Incident Energy (eV)

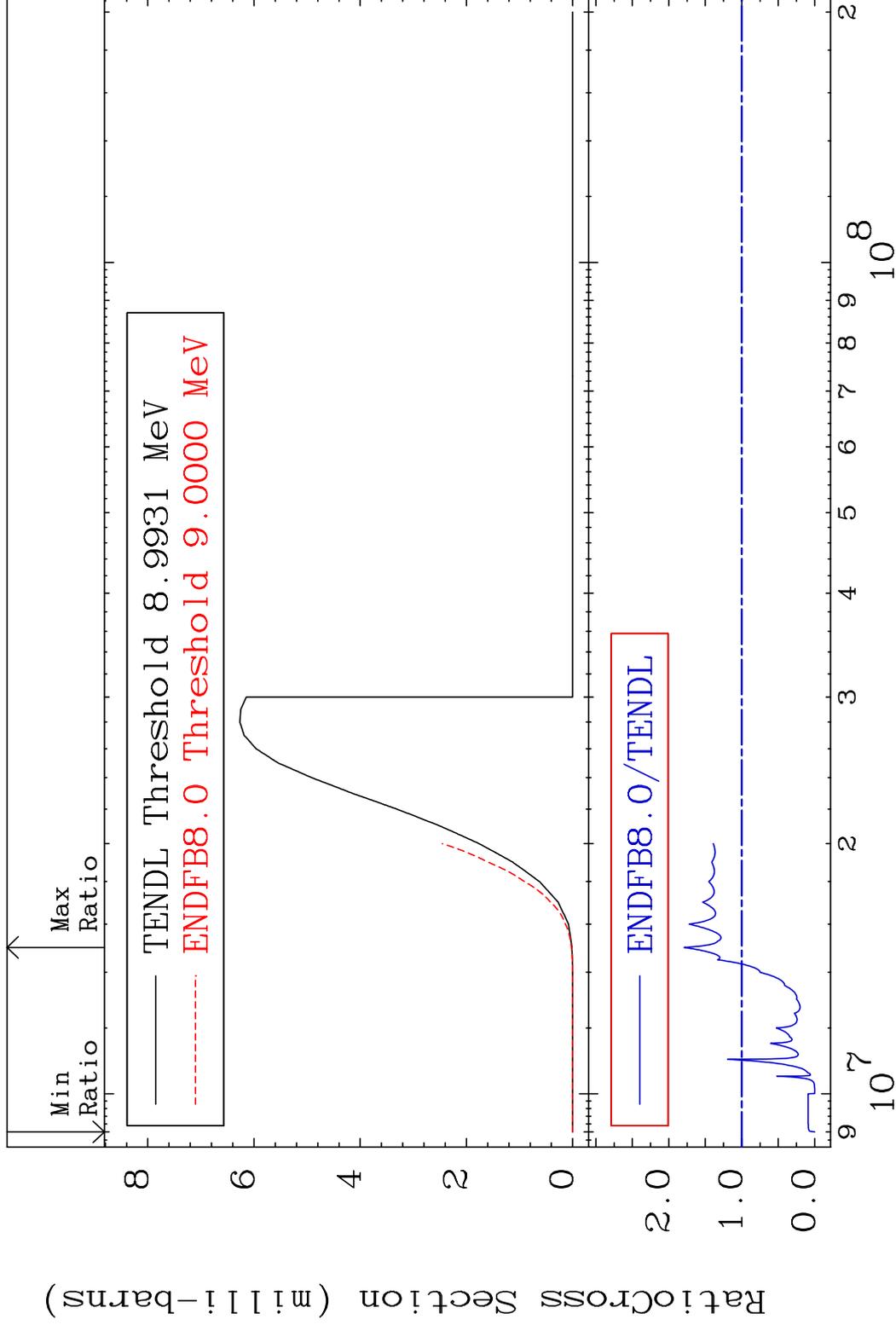
34-Se-79

MAT 3440

(n, t)

34-Se-79

Cross Section -100.0 To 79.00 %



28

Incident Energy (eV)

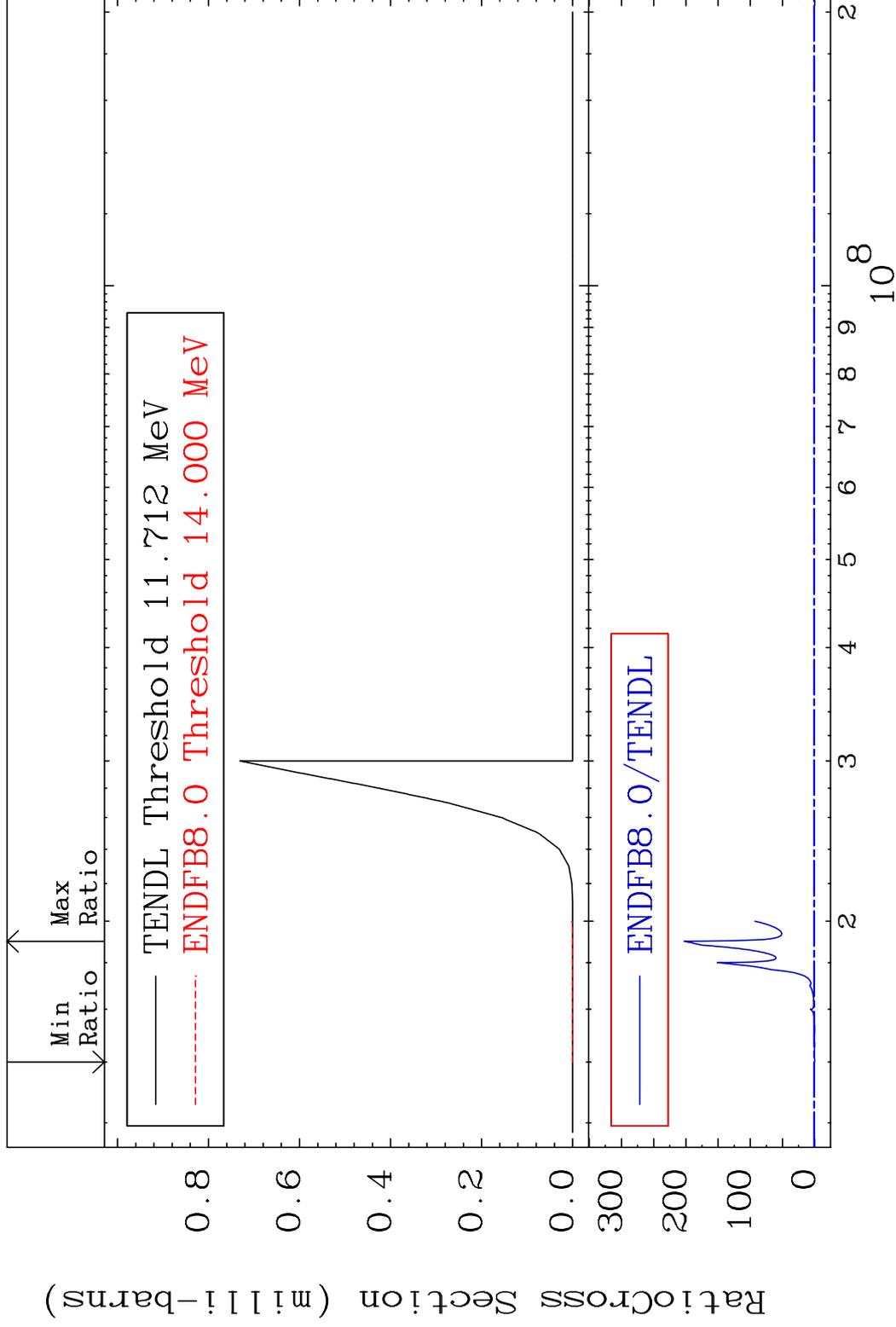
34-Se-79

MAT 3440

(n, He-3)

34-Se-79

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

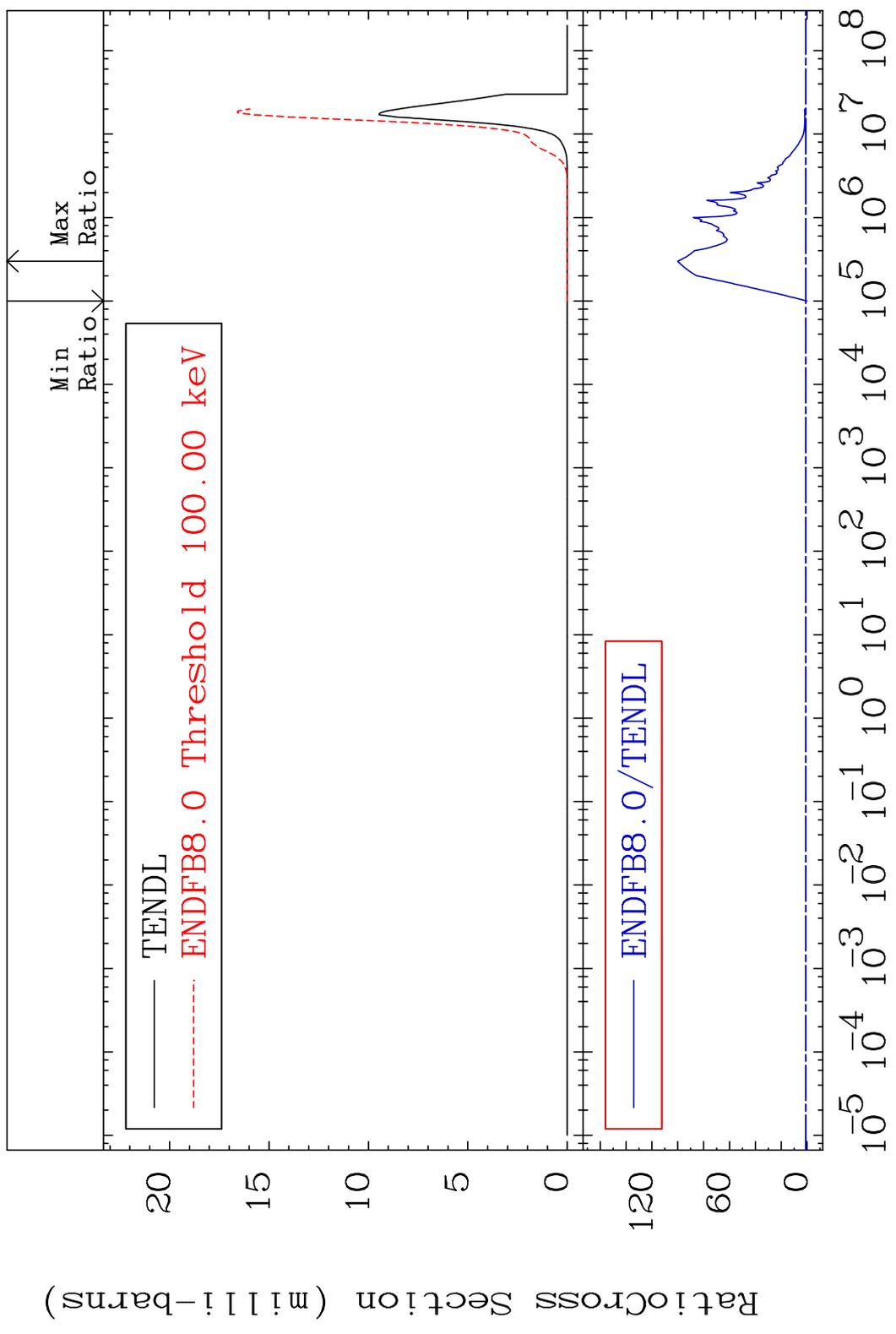
34-Se-79

MAT 3440

(n, α)

34-Se-79

Cross Section -100.0 To 9910. %

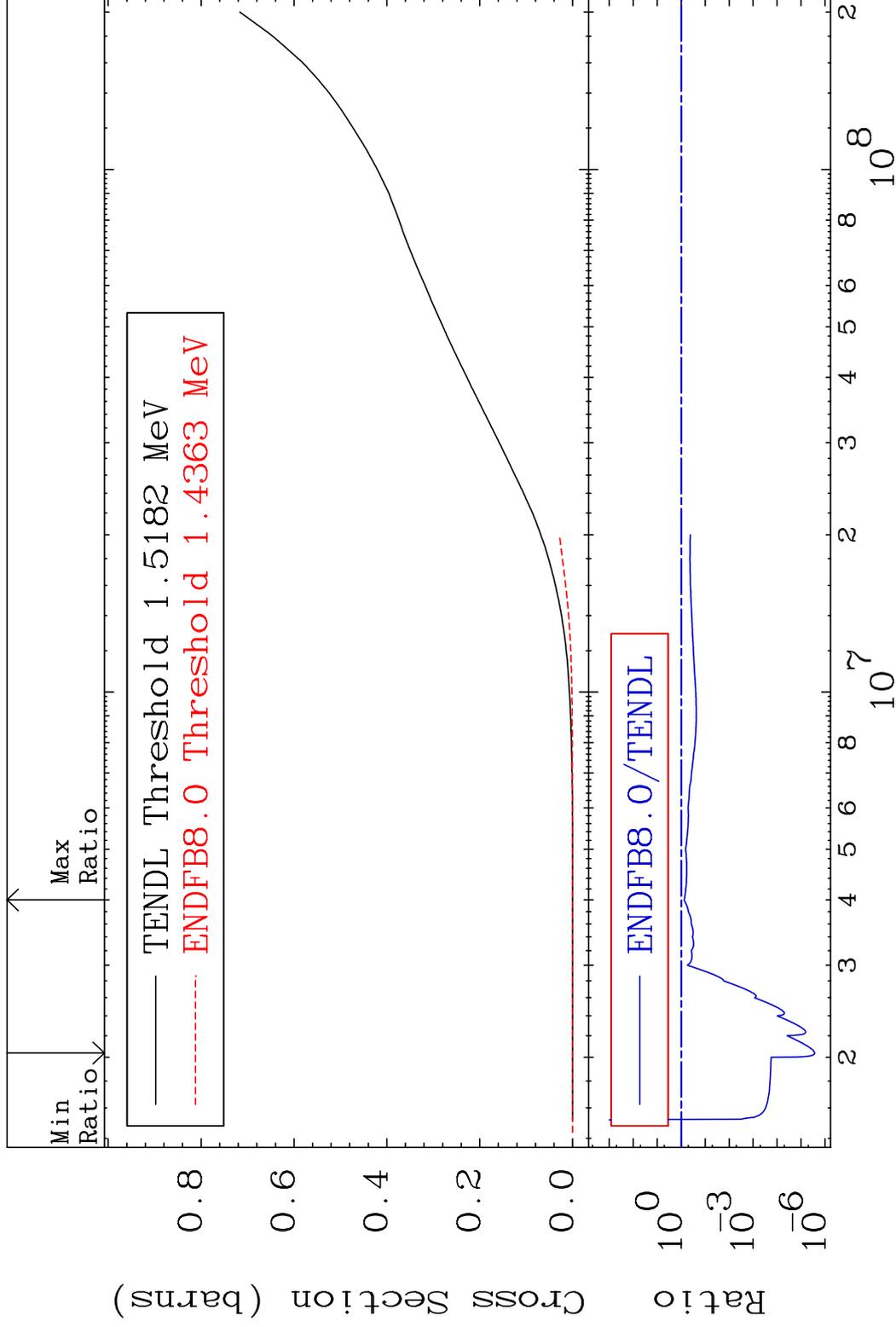


MAT 3440

Hydrogen Production

³⁴Se-79

Cross Section -100.0 To -24.99%

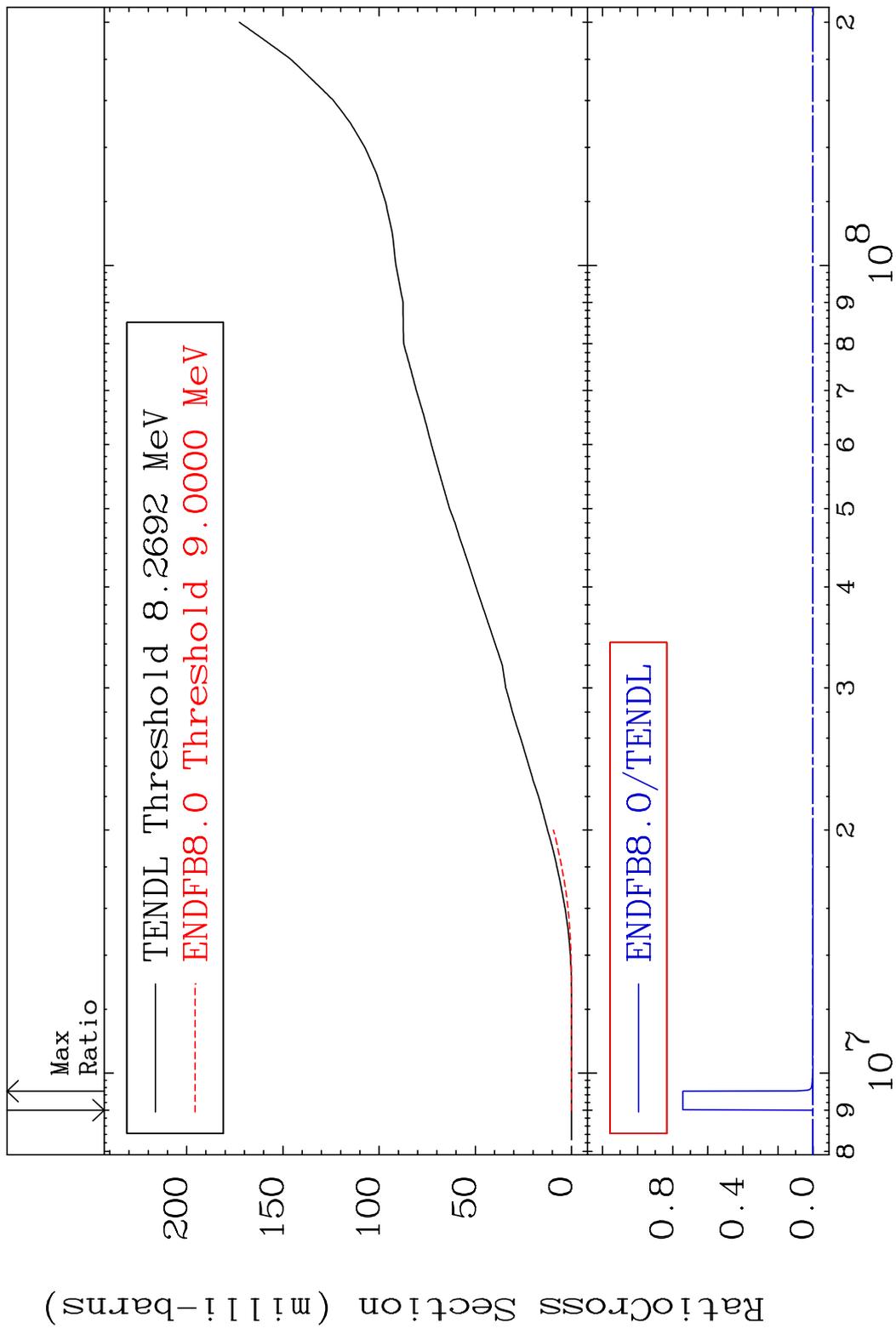


31

Incident Energy (eV)

³⁴Se-79

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



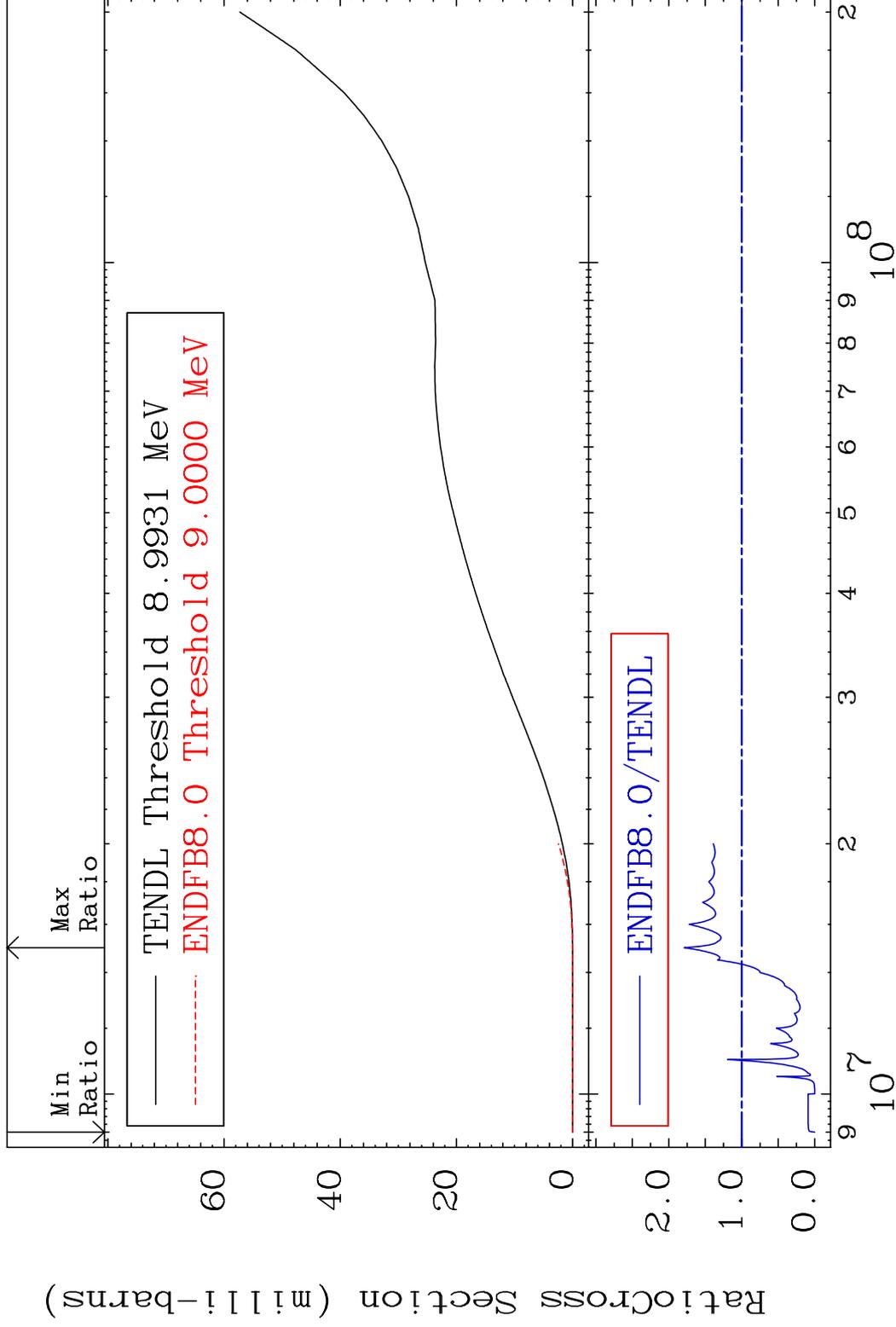
32 Incident Energy (eV) 34-Se-79

MAT 3440

Tritium Production

³⁴Se-79

Cross Section -100.0 To 79.00 %



33

Incident Energy (eV)

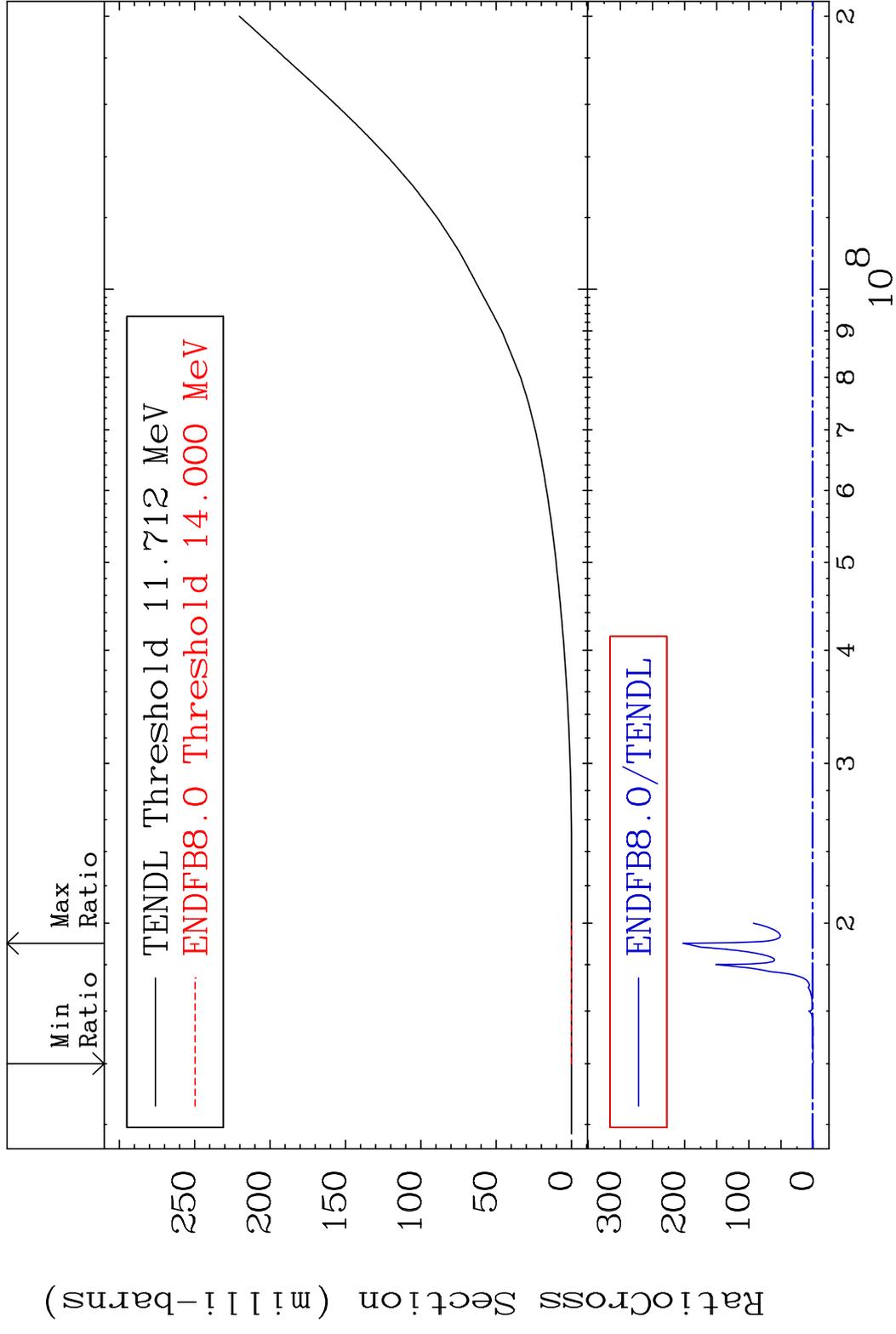
³⁴Se-79

MAT 3440

He-3 Production

34-Se-79

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

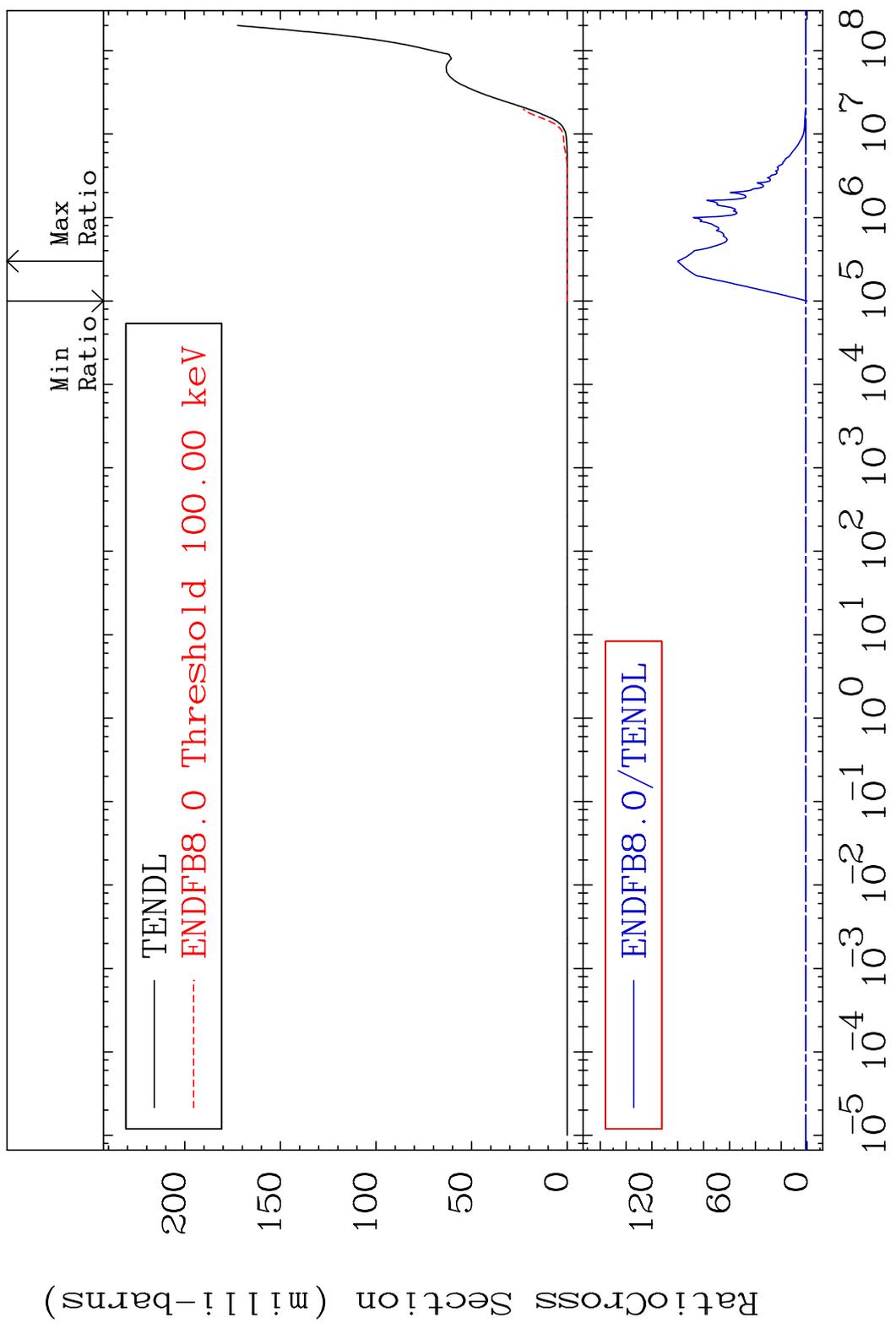
34-Se-79

MAT 3440

He-4 Production

34-Se-79

Cross Section -100.0 To 9910. %

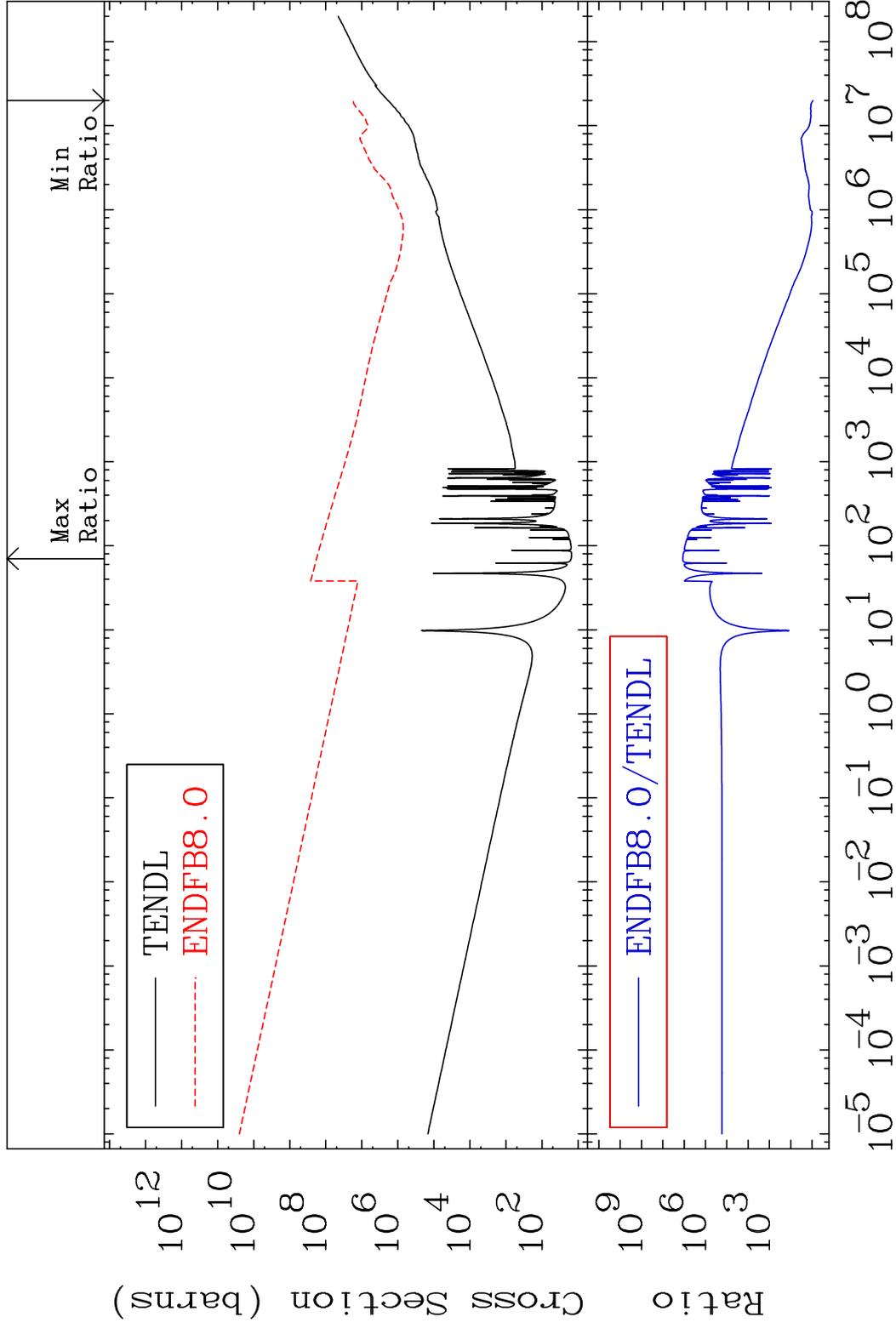


35

Incident Energy (eV)

34-Se-79

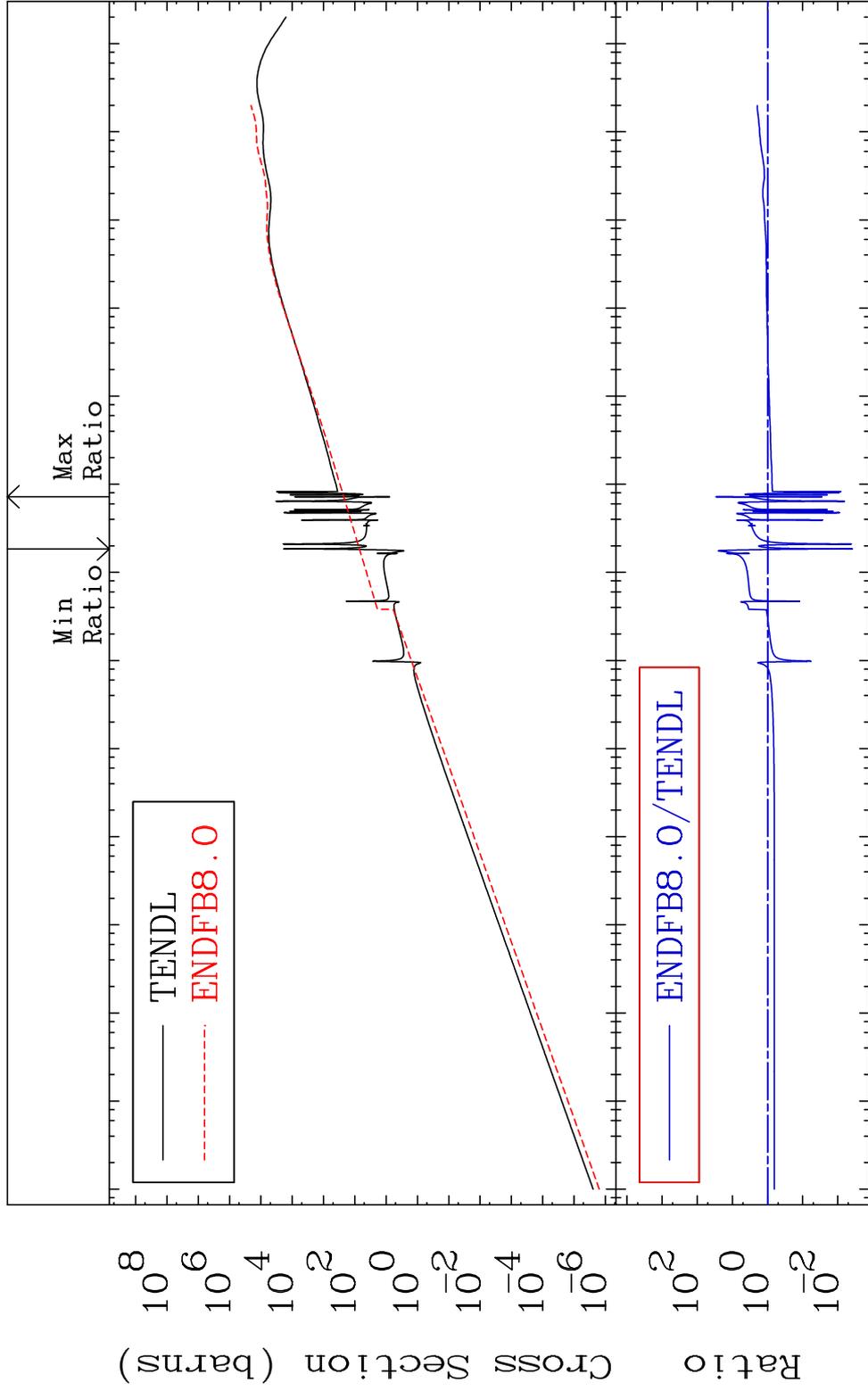
MAT 3440 Kerma total (eV-barns) 34-Se-79
 Cross Section 786.7 To 9999. %



MAT 3440

Kerma elastic
Cross Section

34-Se-79
-99.62 To 2847. %

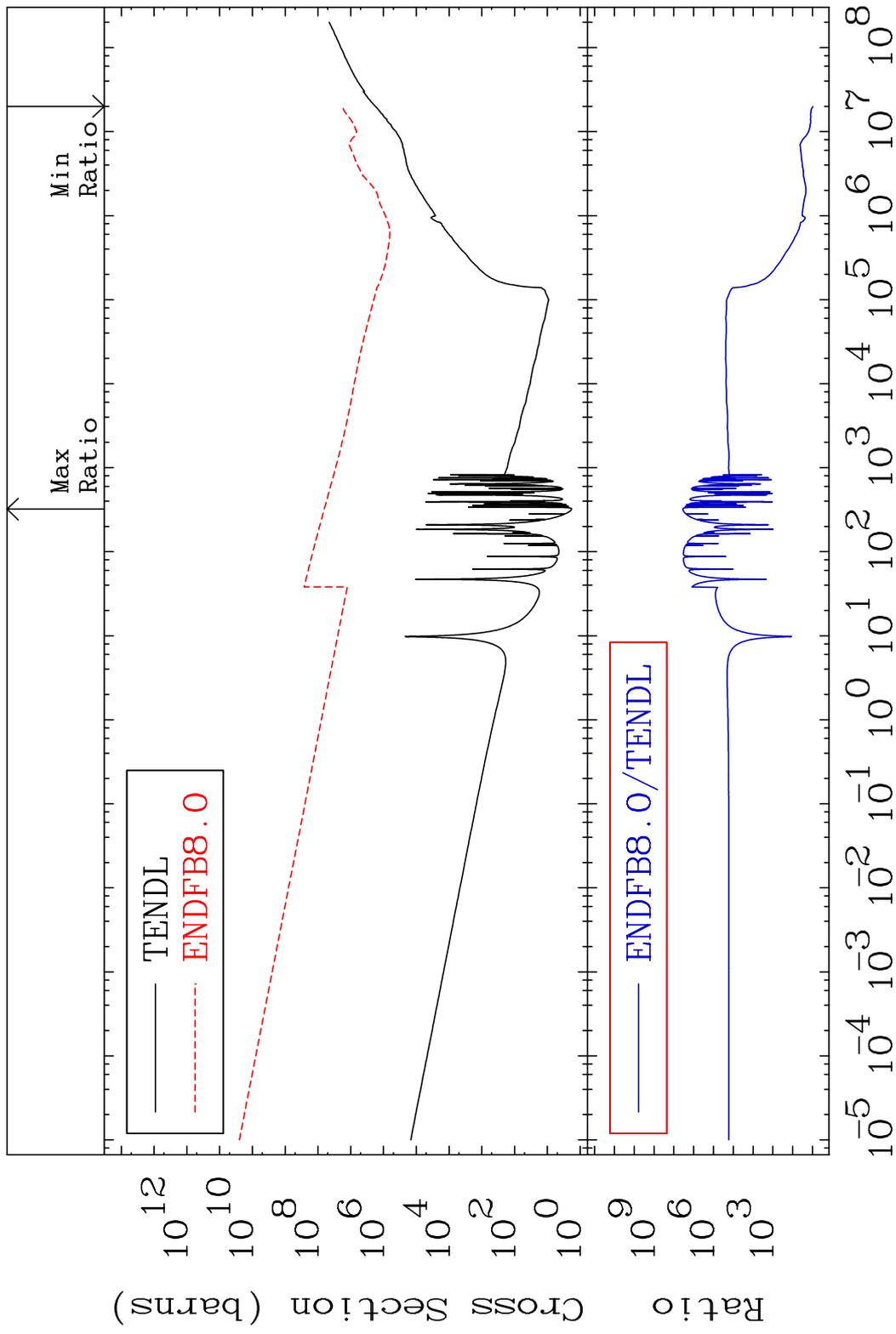


37

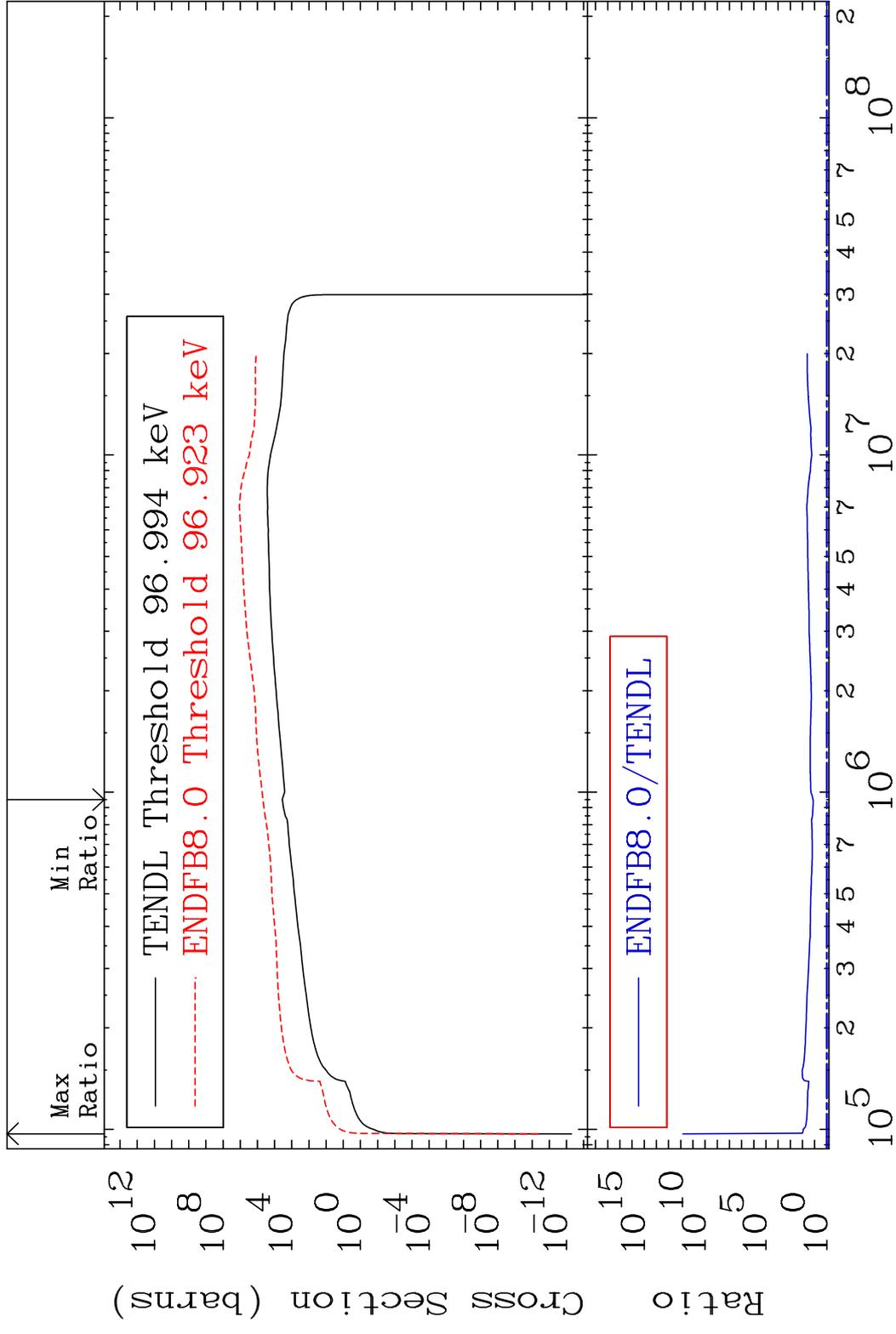
Incident Energy (eV)

34-Se-79

MAT 3440 Kerma non-elastic (all but mt2) 34-Se-79
 Cross Section 828.5 To 9999. %

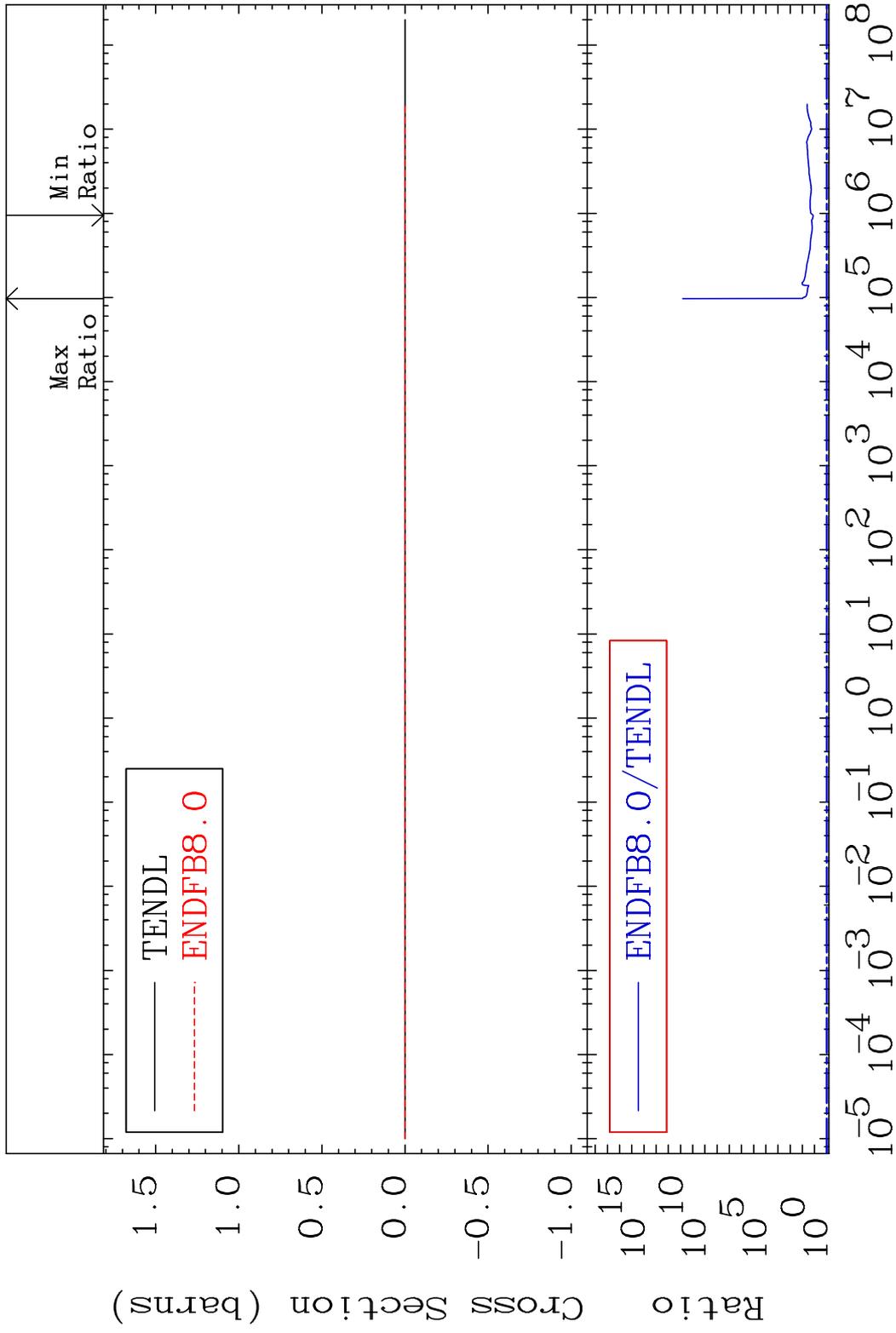


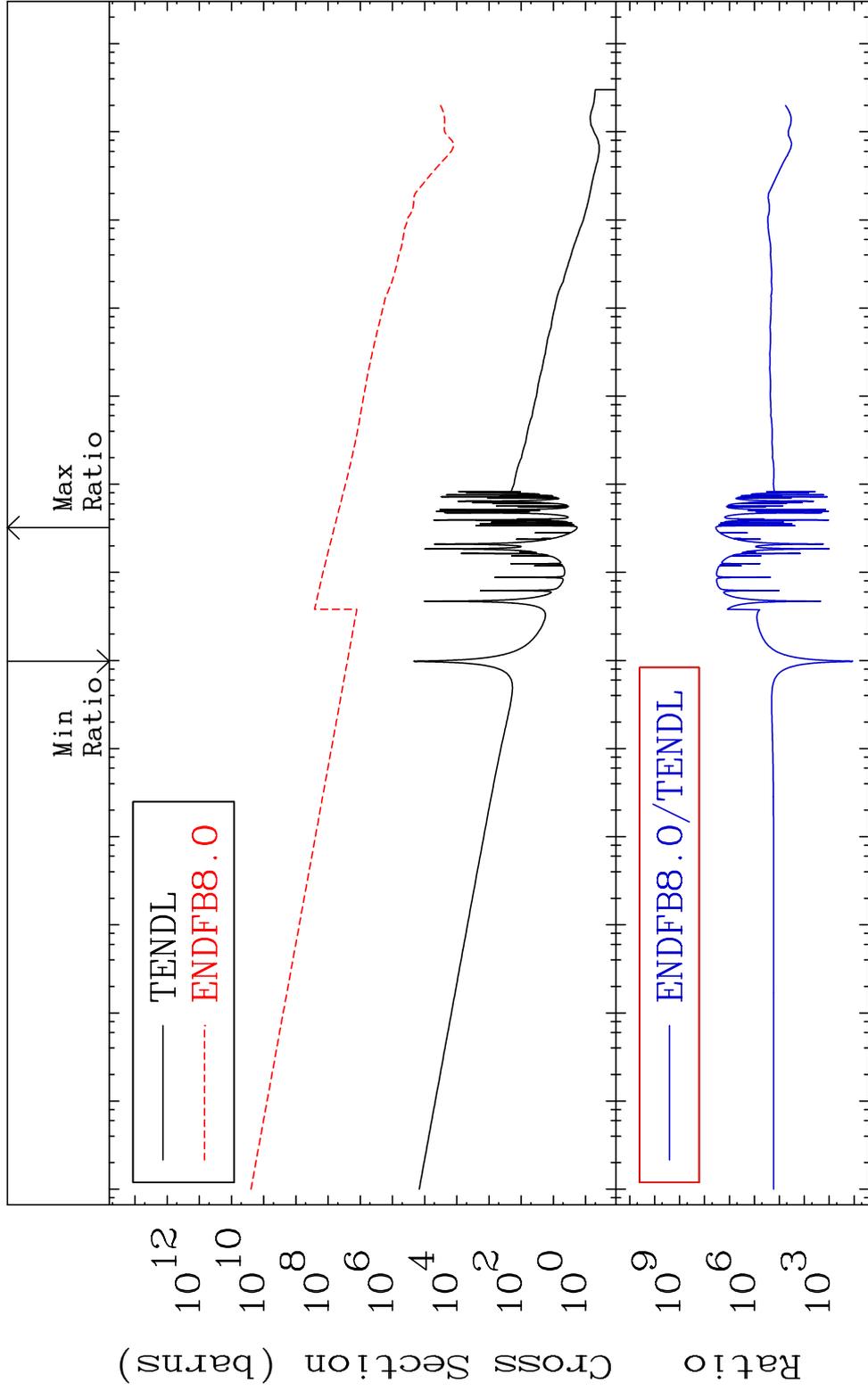
MAT 3440 Kerma inelastic (mt51-91) 34-Se-79
 Cross Section 1226. To 9999. %



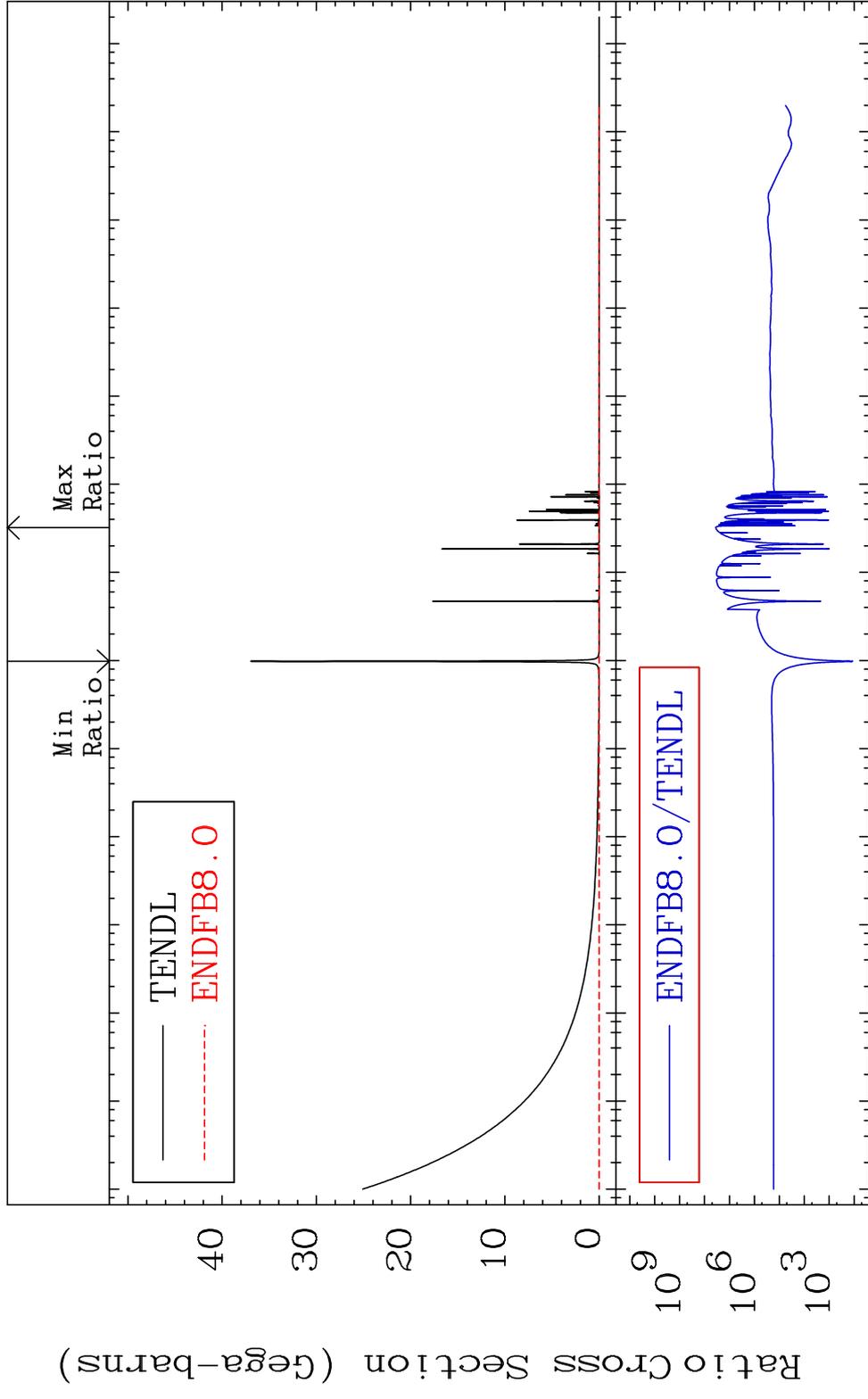
39 Incident Energy (eV) 34-Se-79

MAT 3440 Kerma fission (mt18 or mt19-20-21-38) 34-Se-79
 Cross Section 1226. To 9999. %

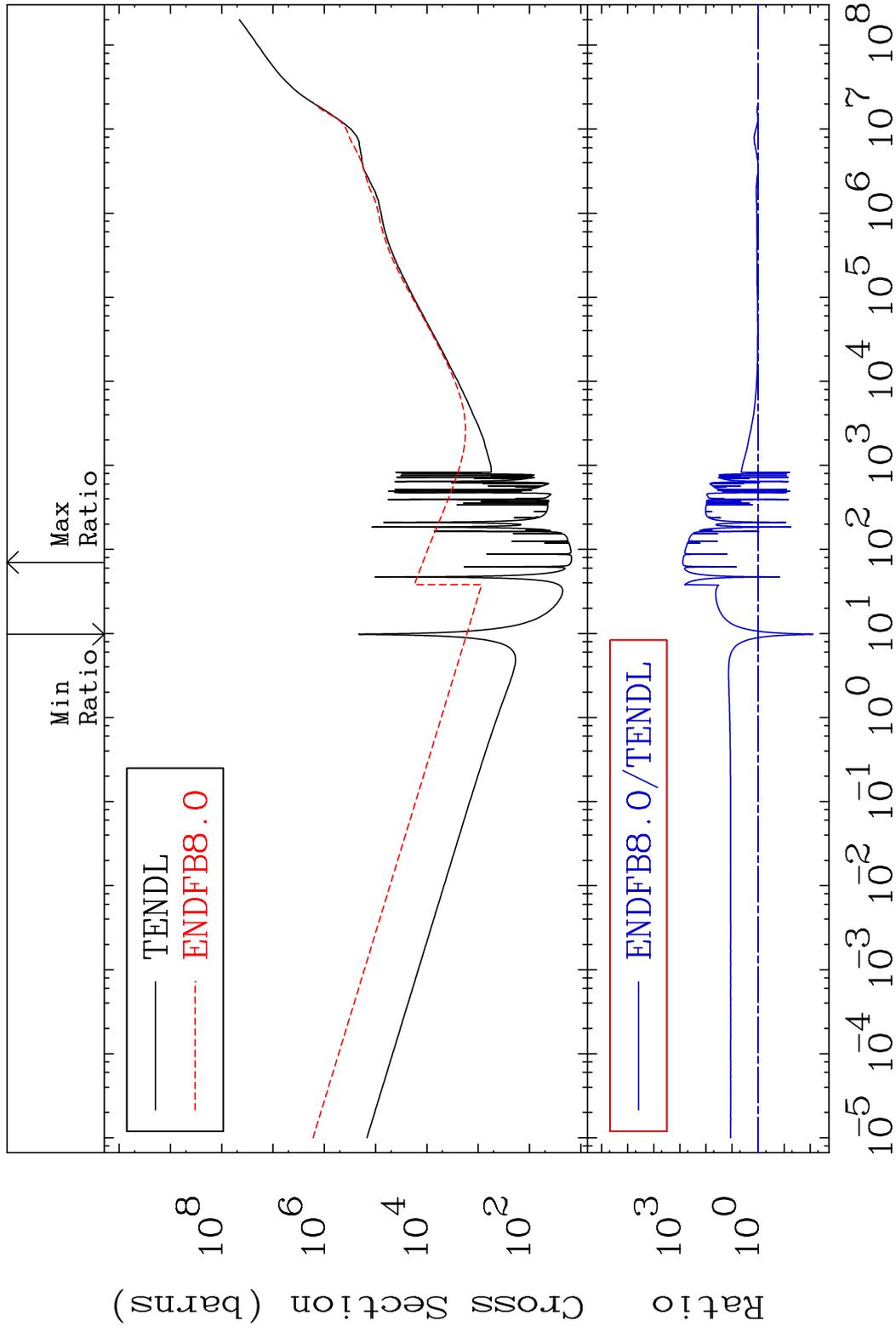




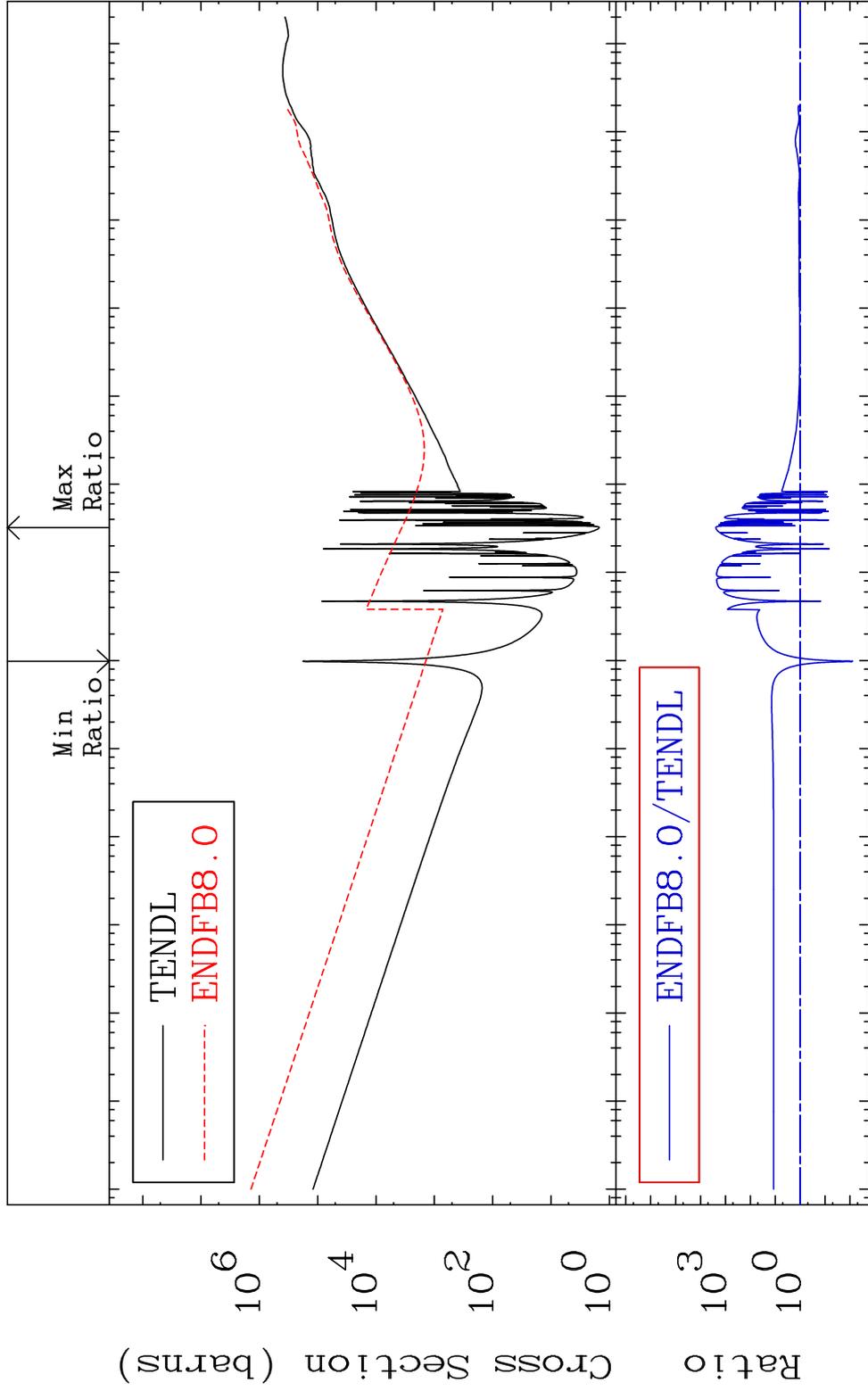
MAT 3440 Total photon (eV-barns) 34-Se-79
 Cross Section 9999. To 9999. %



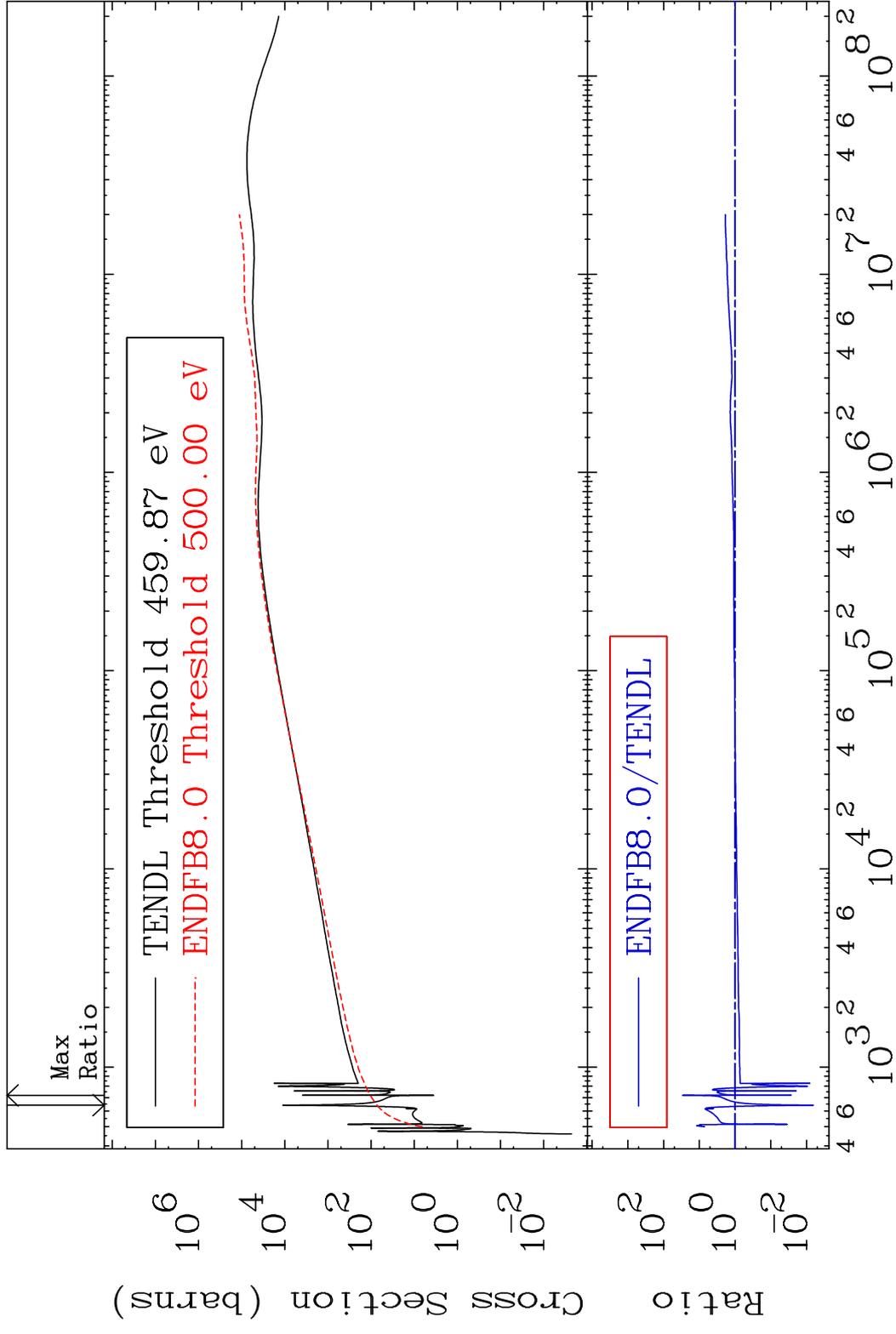
MAT 3440 Total kinematic kerma (high limit) 34-Se-79
 Cross Section -99.23 To 9999. %



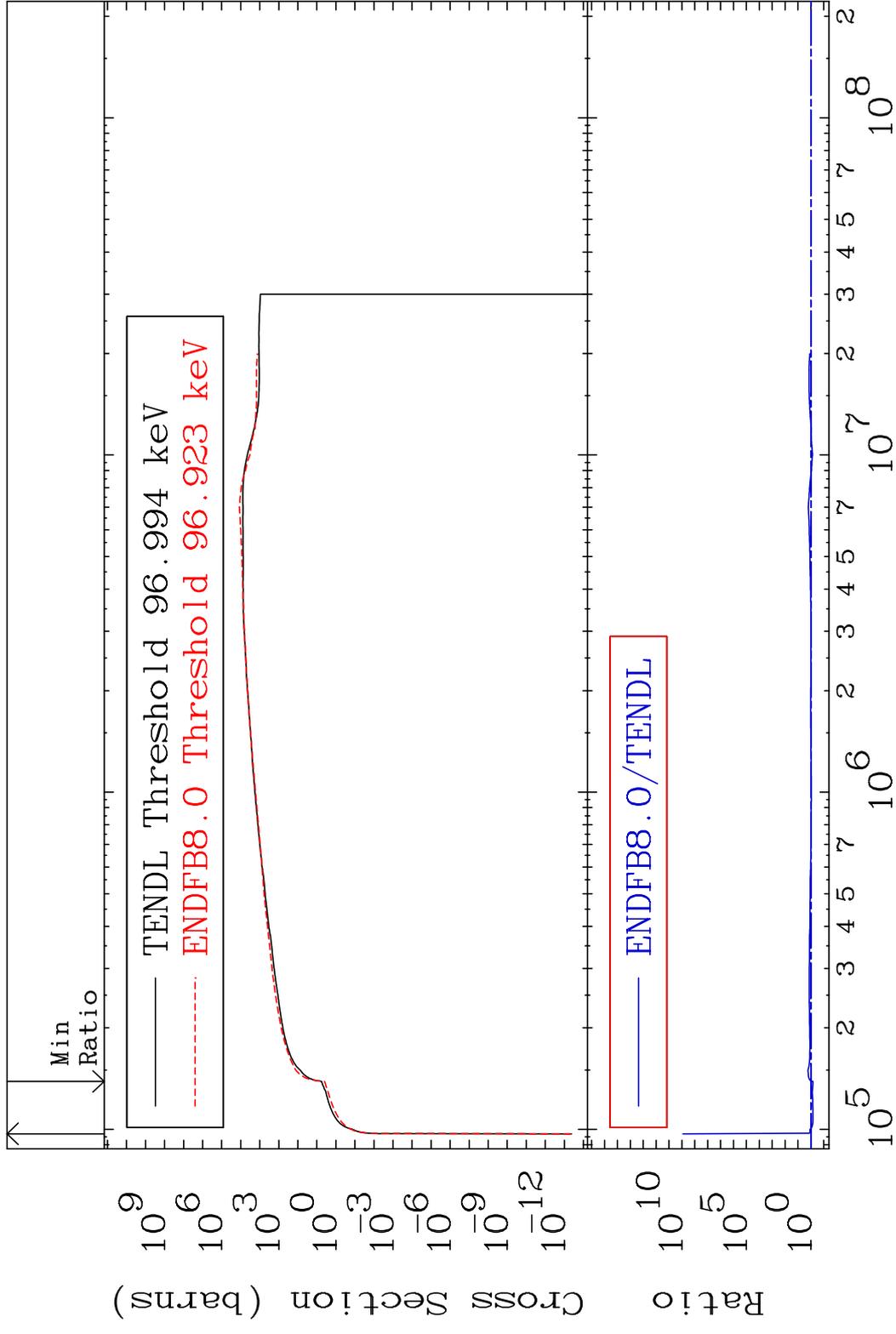
MAT 3440 Dpa total (eV-barns) 34-Se-79
 Cross Section -99.20 To 9999. %



MAT 3440 Dpa elastic (mt2) 34-Se-79
 Cross Section -99.35 To 2794. %



MAT 3440 Dpa inelastic (mt51-91) 34-Se-79
 Cross Section -33.72 To 9999. %



46 Incident Energy (eV) 34-Se-79

MAT 3440 Dpa disappearance (mt102 -120) 34-Se-79
 Cross Section -99.20 To 9999. %

