

Program Complot
(Version 2021-1)

by

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U.S.A.

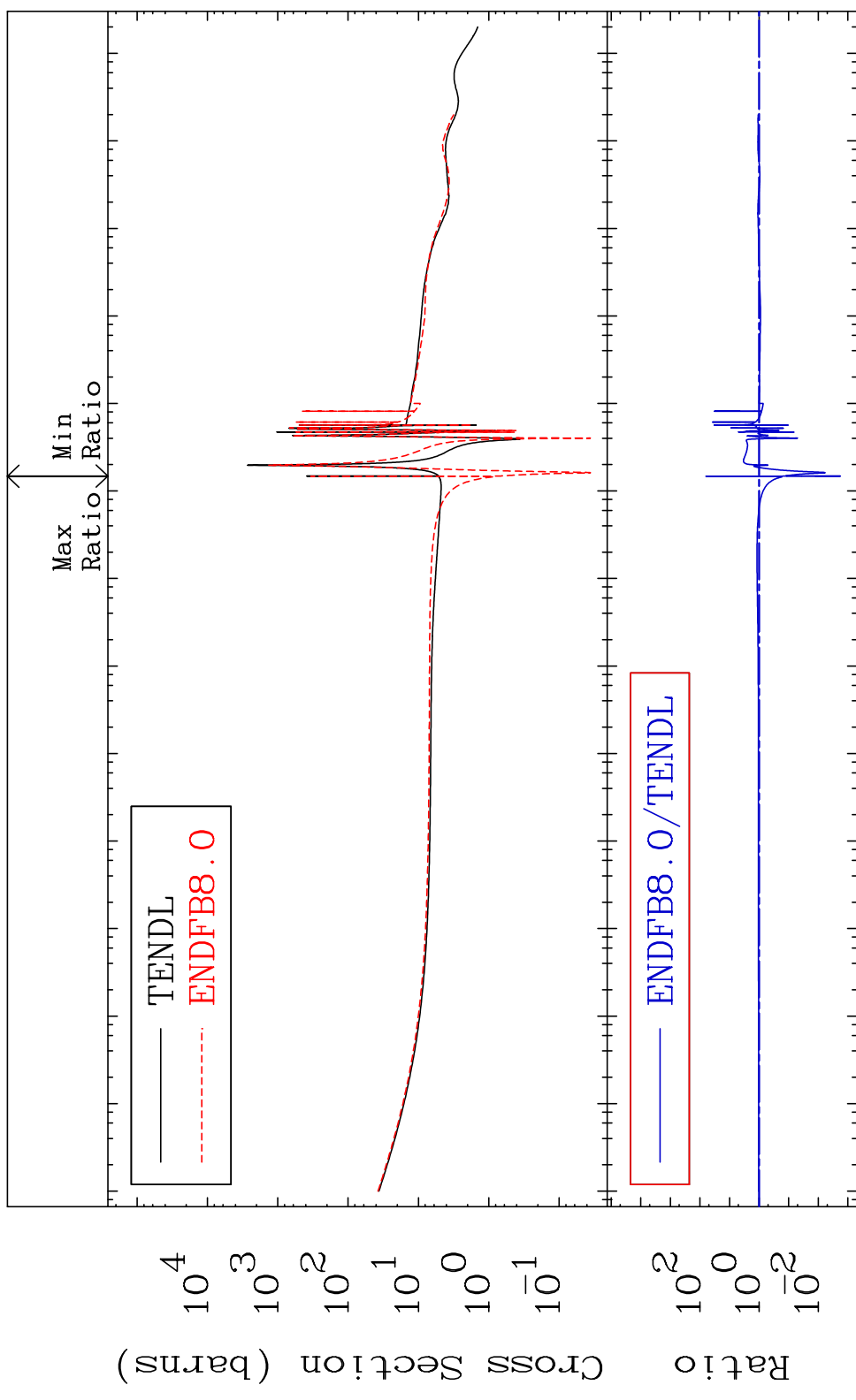
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 3443

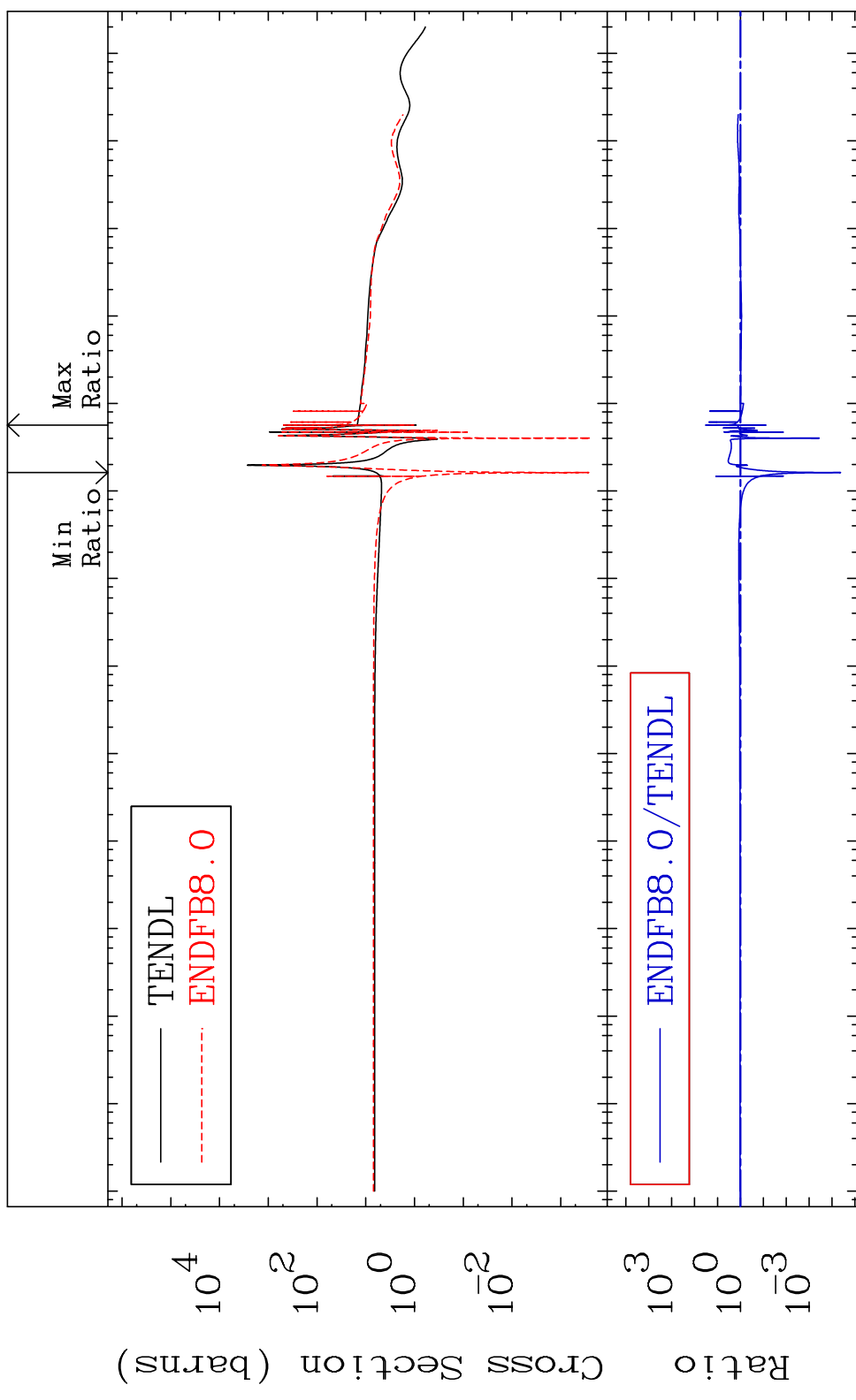
Total Cross Section -99.82 To 6250. %
34-Se-80



1 Incident Energy (eV) 34-Se-80

MAT 3443

Elastic
Cross Section -100.0 To 3146. %
34-Se-80

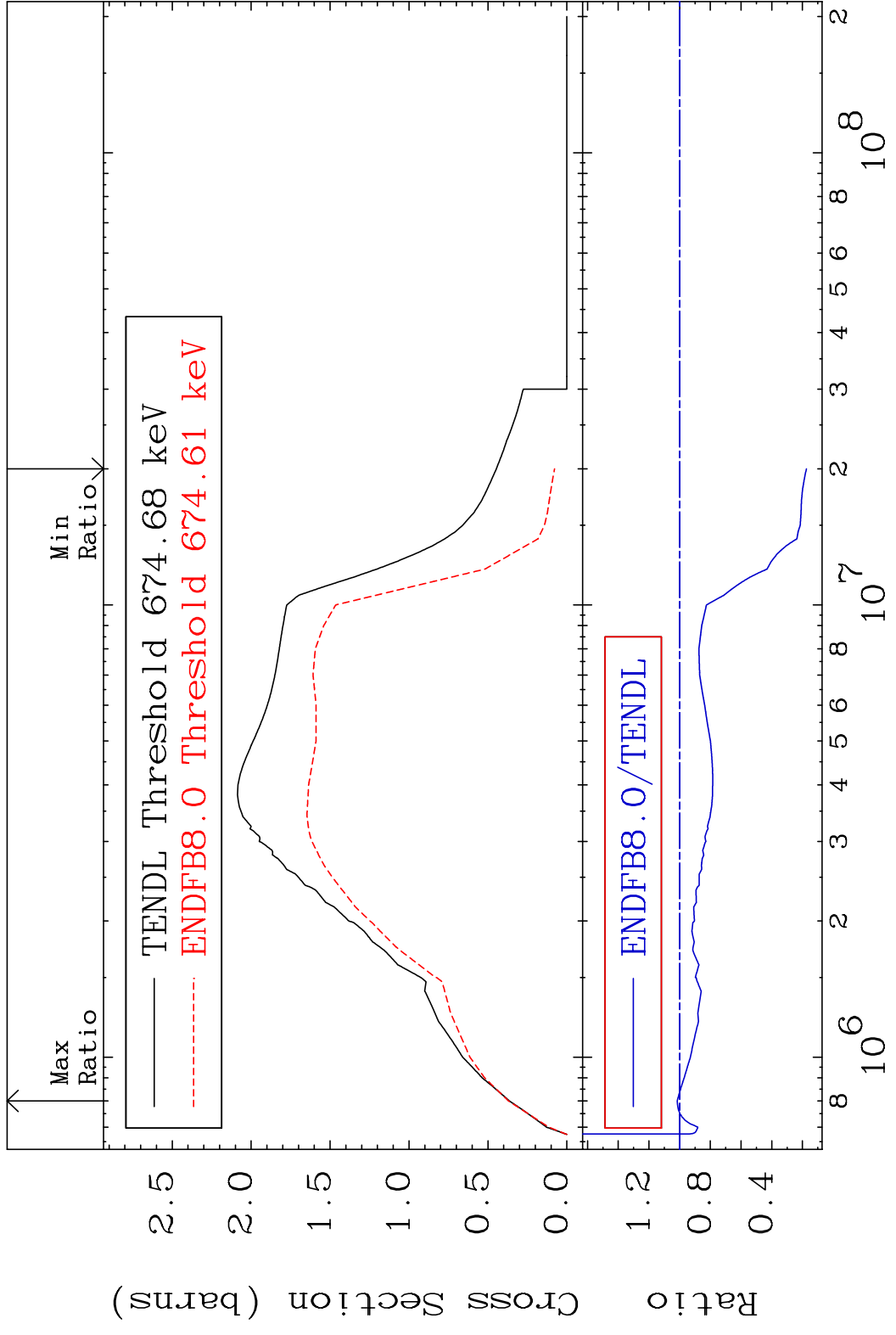


Ratio
10⁴
10²
10⁰
10⁻²
10³
10⁰
10⁻³

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-80

MAT 3443 Inelastic Cross Section -82.56 To 1.614 % 34-Se-80



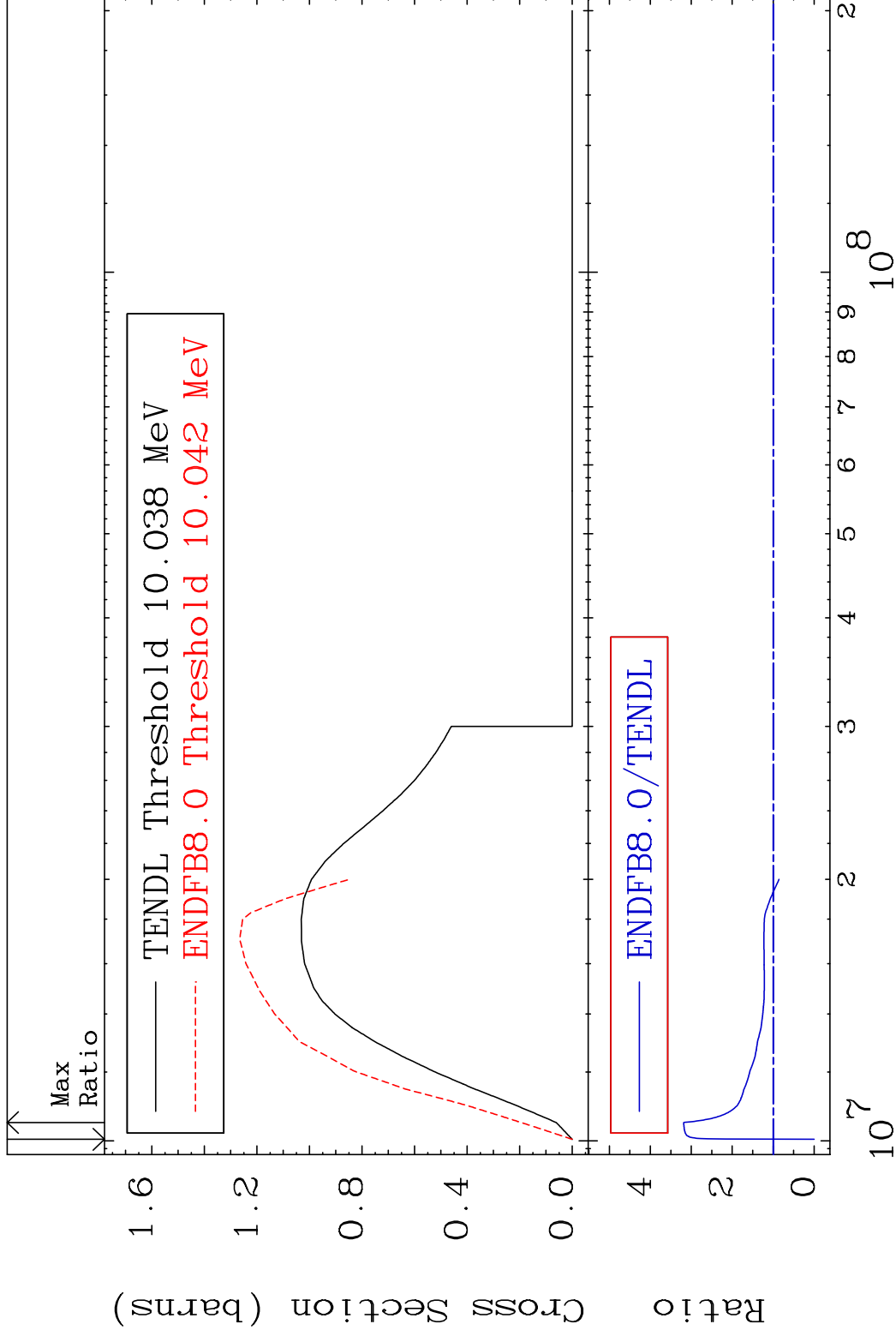
3 Incident Energy (eV) 34-Se-80

MAT 3443

(n,2n)

³⁴Se-80

Cross Section -100.0 To 218.6 %

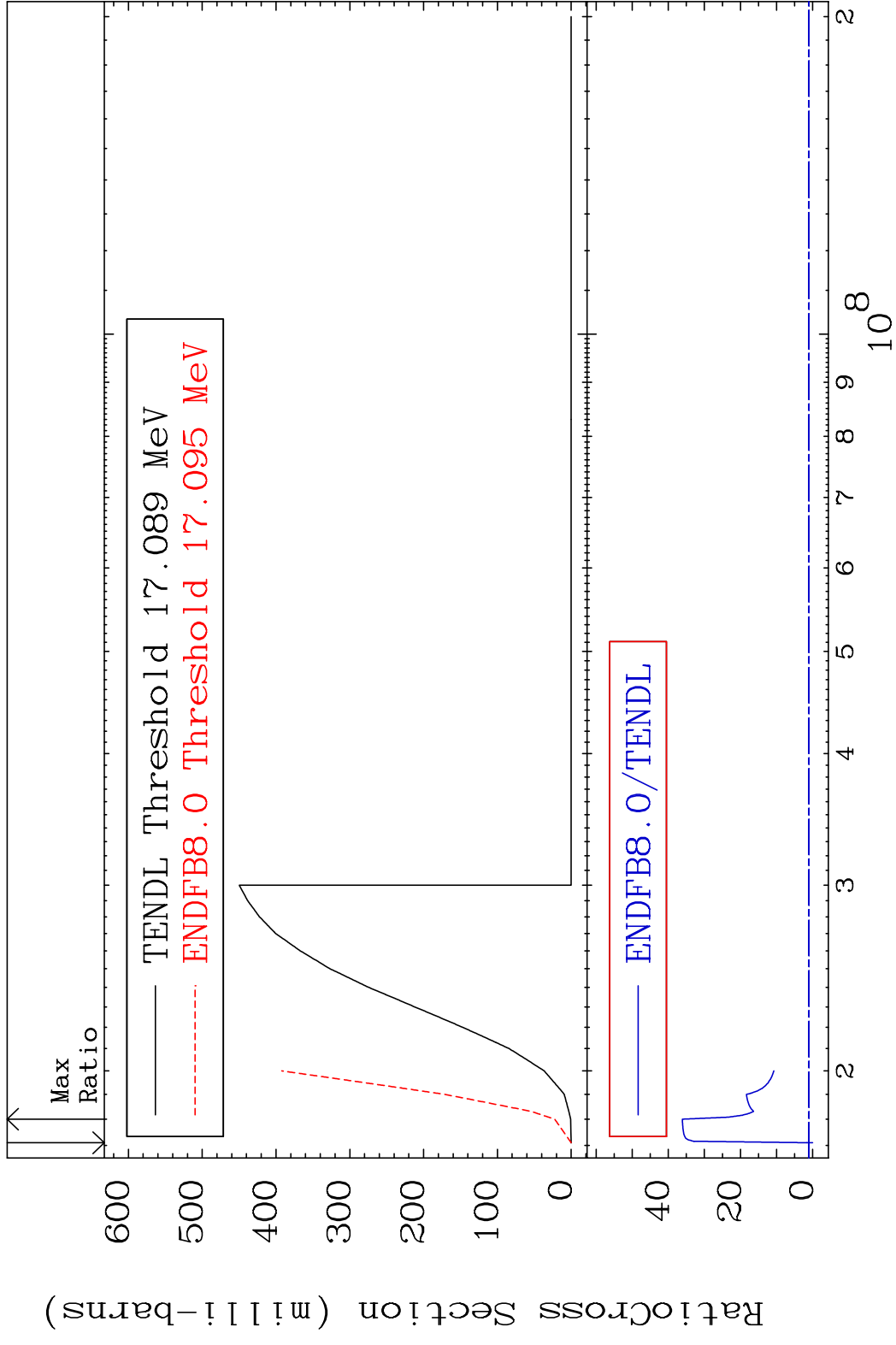


4

Incident Energy (eV)

³⁴Se-80

MAT 3443 (n,3n) 34-Se-80
 Cross Section -100.0 To 3511. %

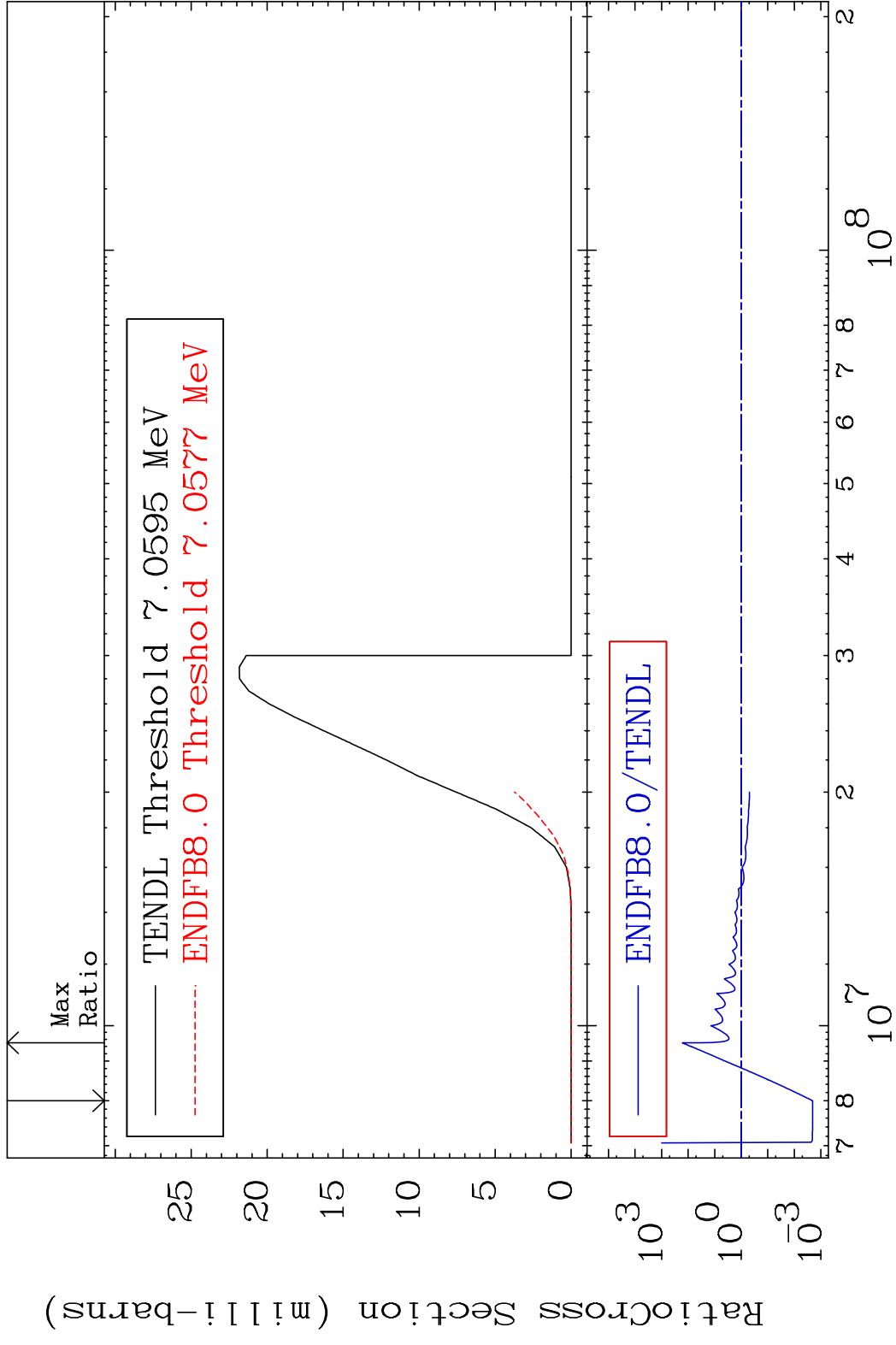


MAT 3443

(n, n') α

34-Se-80

Cross Section -99.79 To 9999. %



6

Incident Energy (eV)

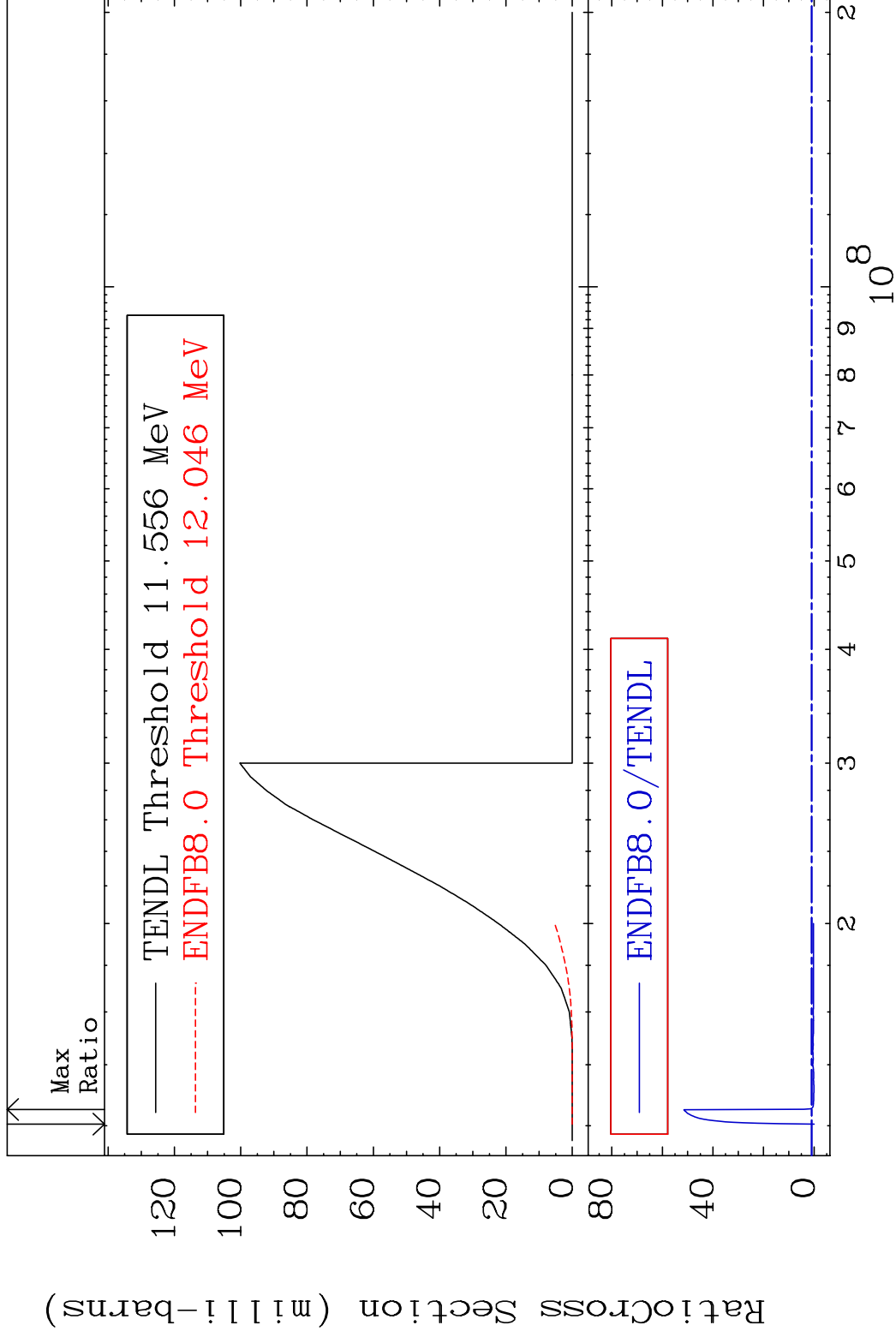
34-Se-80

MAT 3443

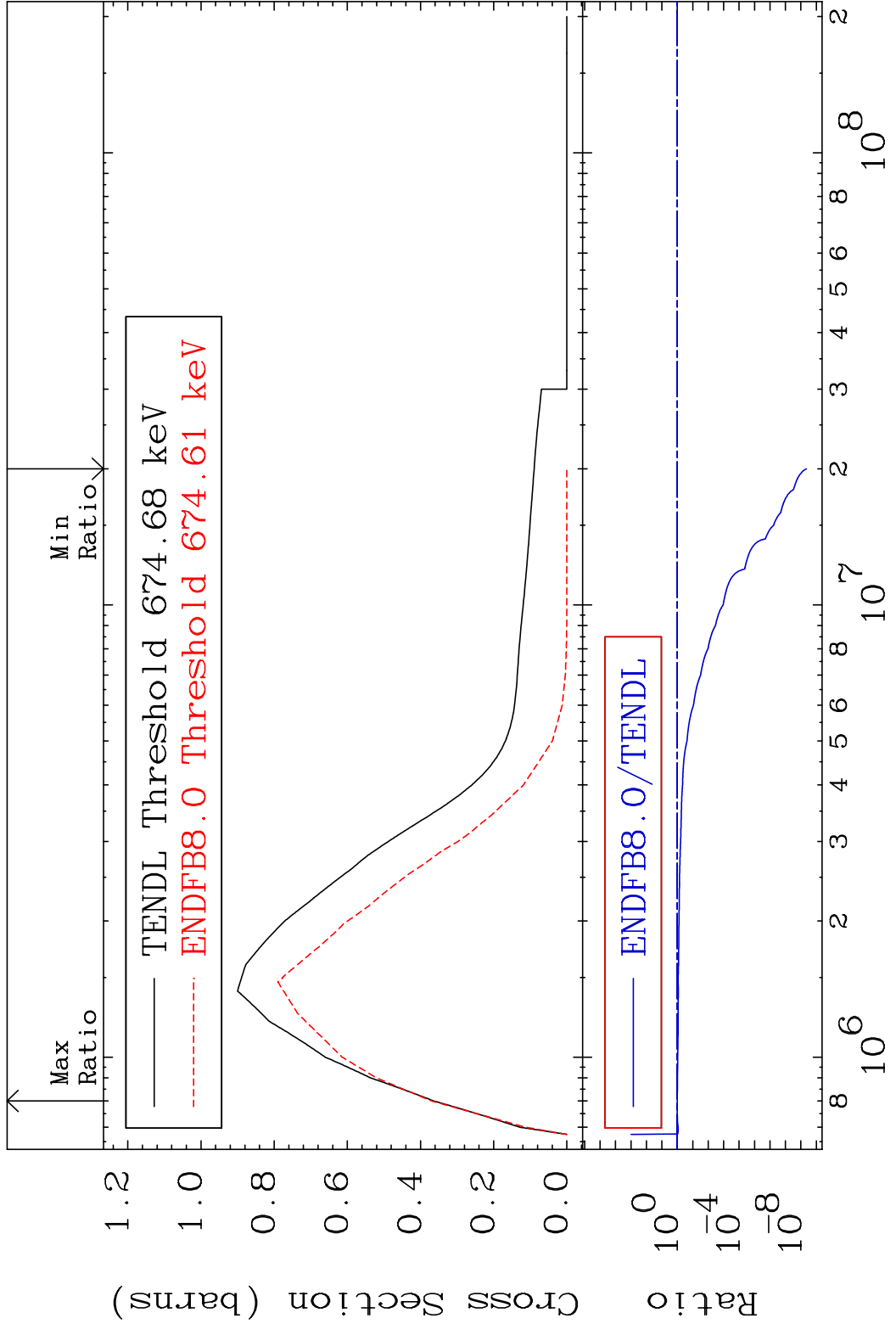
(n, n') p

34-Se-80

Cross Section -100.0 To 5058. %

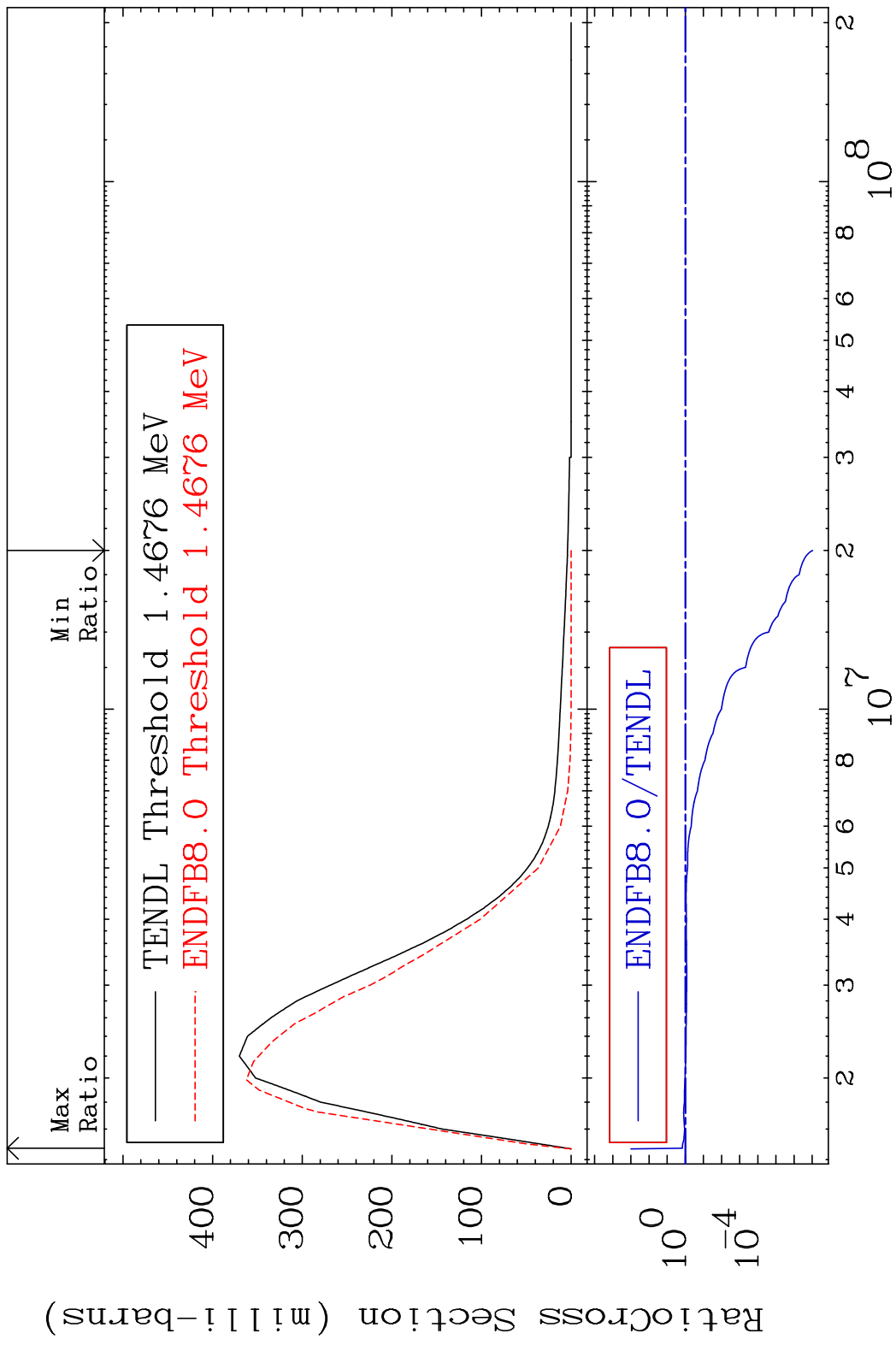


MAT 3443 MT= 51 (n, n') Level 34-Se-80
 Cross Section -100.0 To 1.614 %

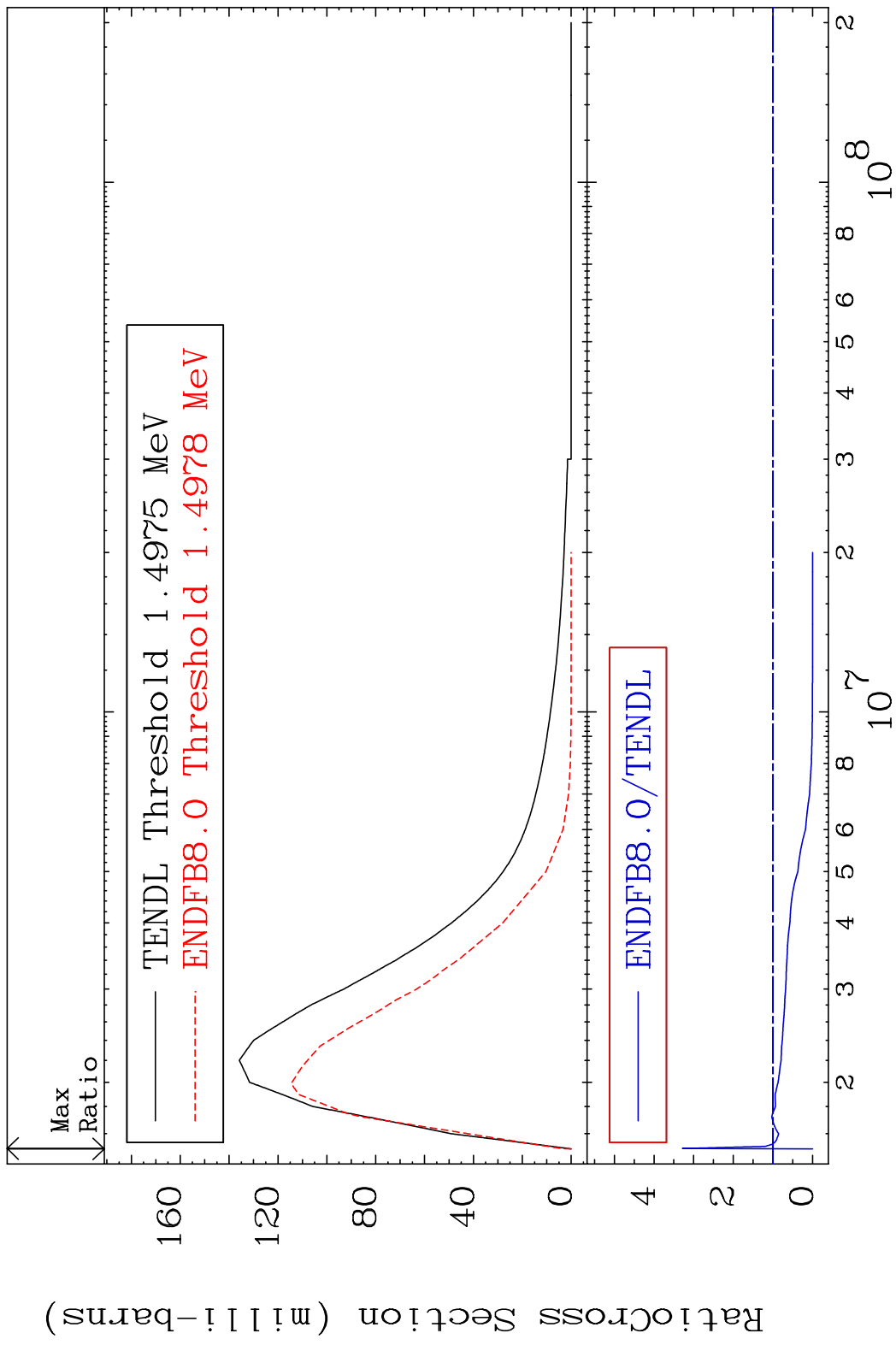


8 Incident Energy (eV) 34-Se-80

MAT 3443 MT= 52 (n,n') Level 34-Se-80
 Cross Section -100.0 To 45.54 %



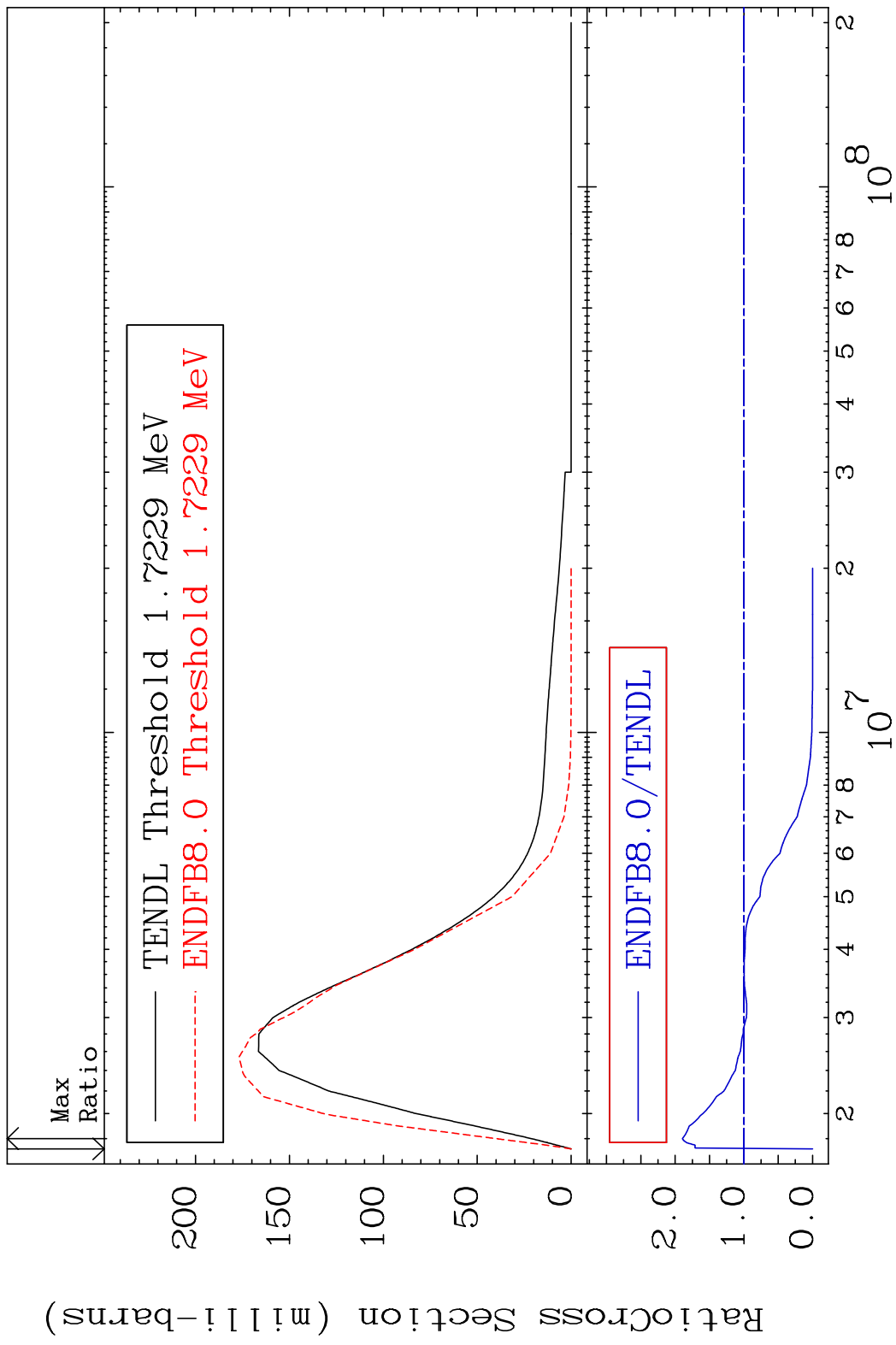
MAT 3443 MT= 53 (n, n') Level 34-Se-80
 Cross Section -100.0 To 228.5 %



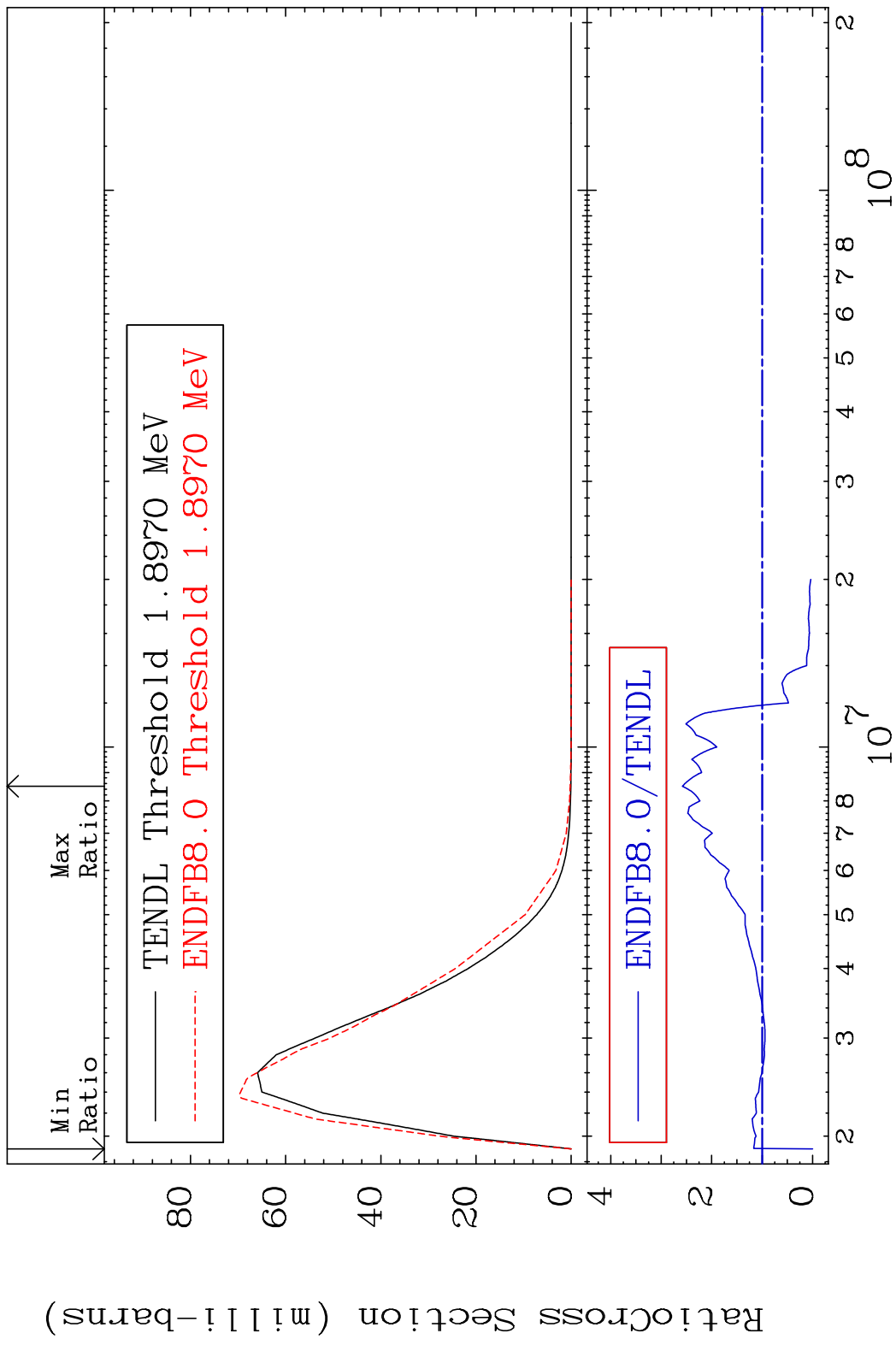
10

34-Se-80

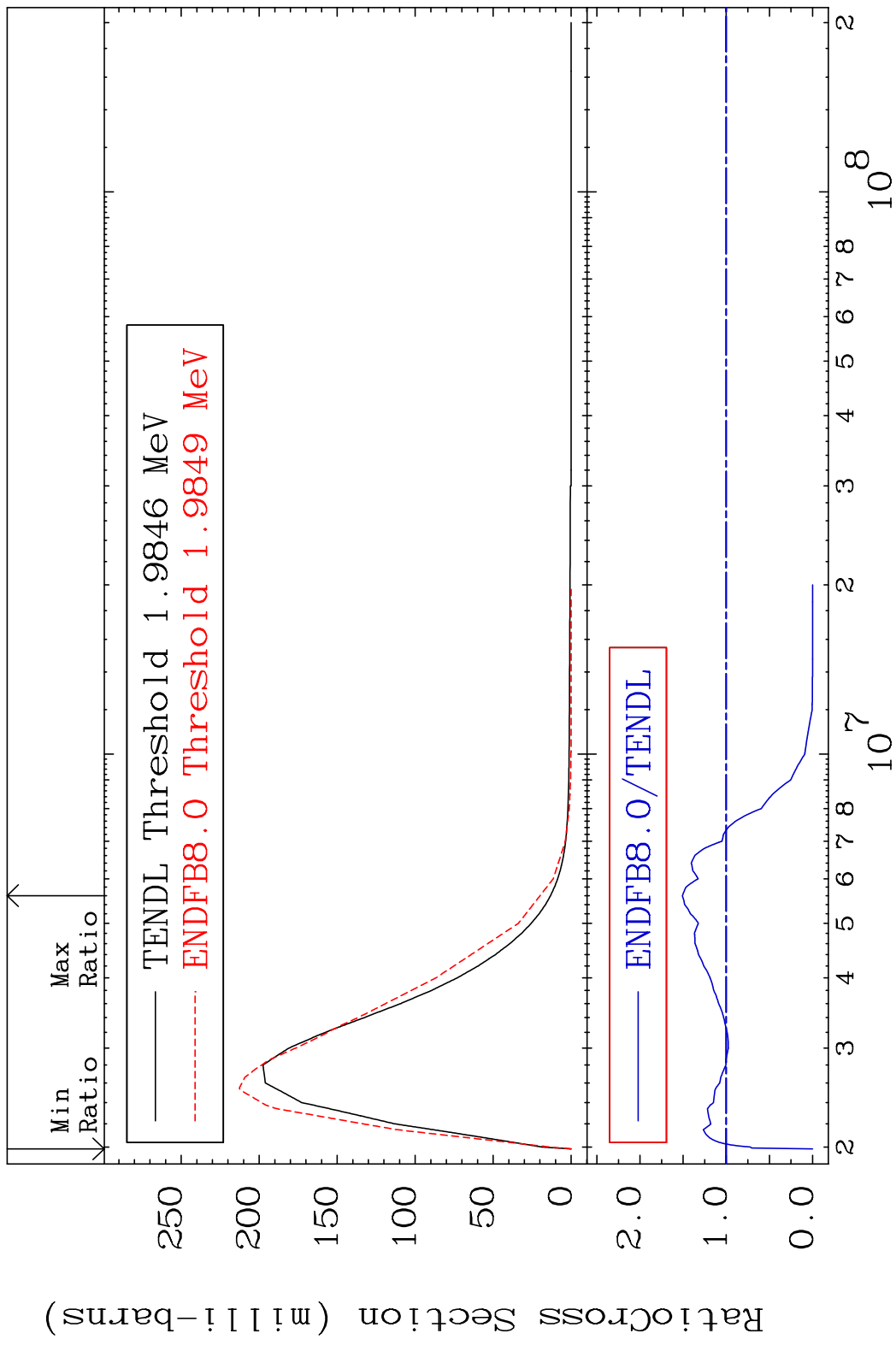
MAT 3443 MT= 54 (n,n') Level 34-Se-80
 Cross Section -100.0 To 89.56 %



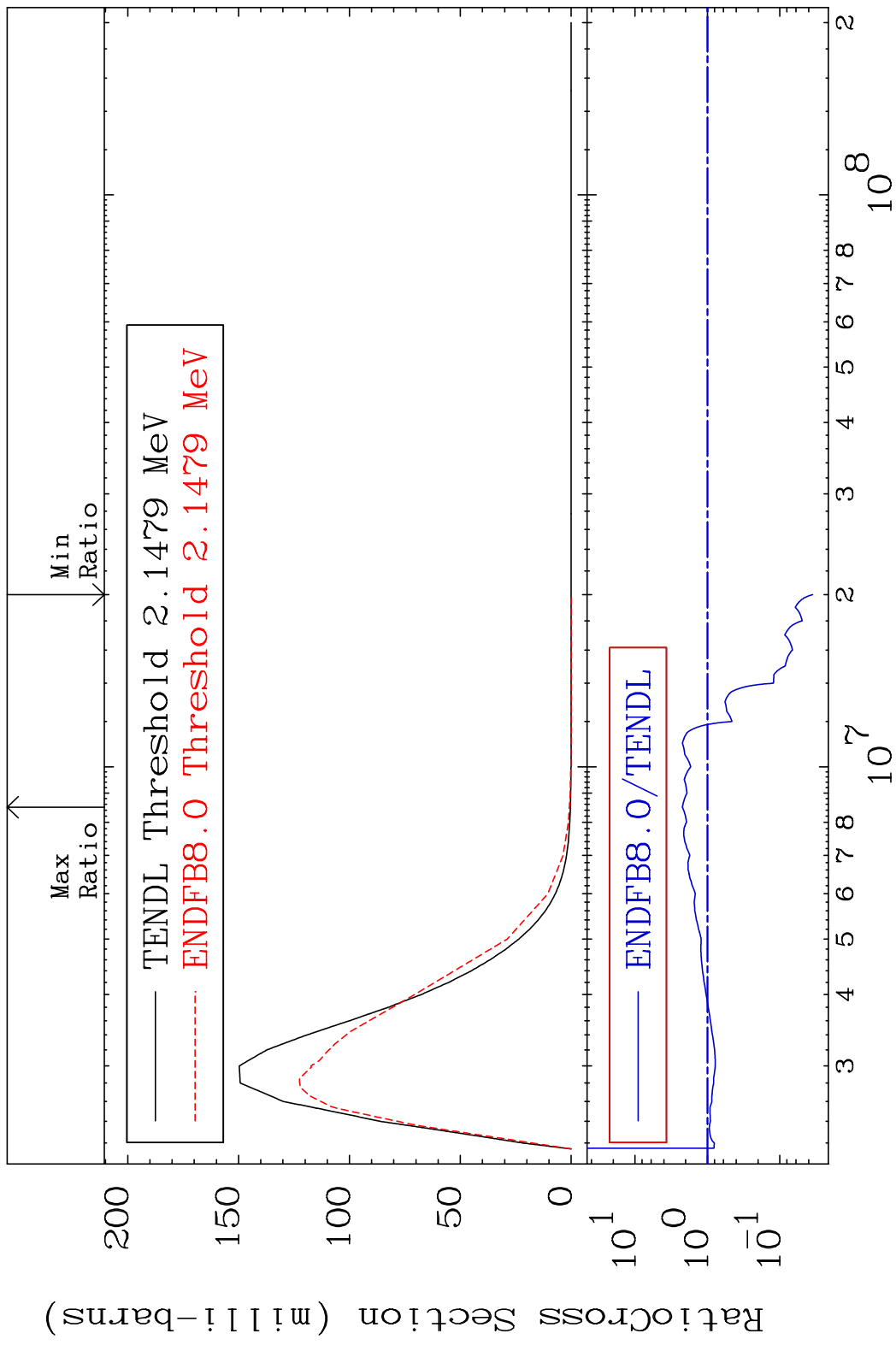
MAT 3443 MT= 55 (n, n') Level 34-Se-80
 Cross Section -100.0 To 158.1 %



MAT 3443 MT= 56 (n,n') Level 34-Se-80
 Cross Section -100.0 To 50.91 %

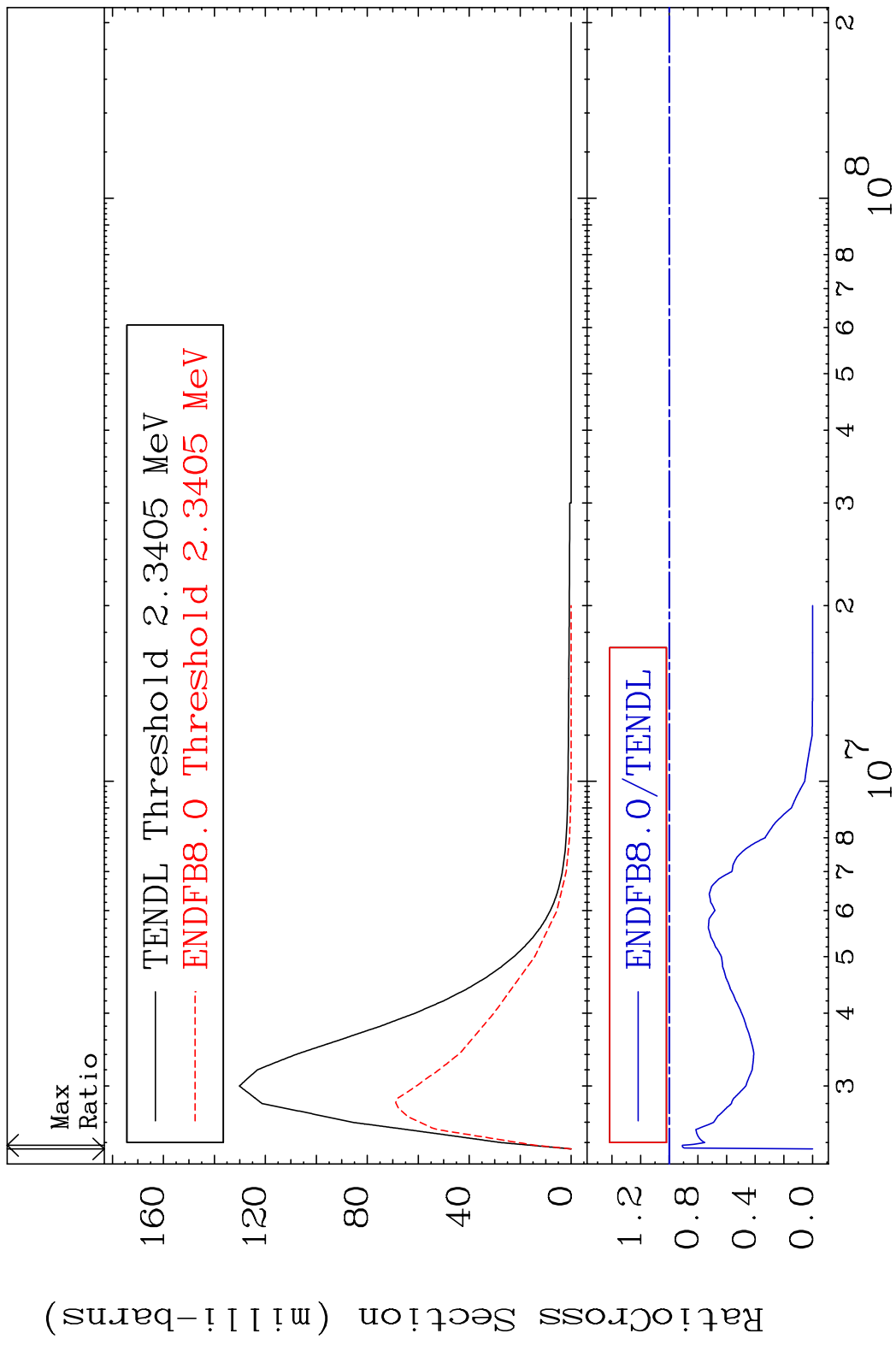


MAT 3443 MT= 57 (n, n') Level 34-Se-80
 Cross Section -96.46 To 122.1 %

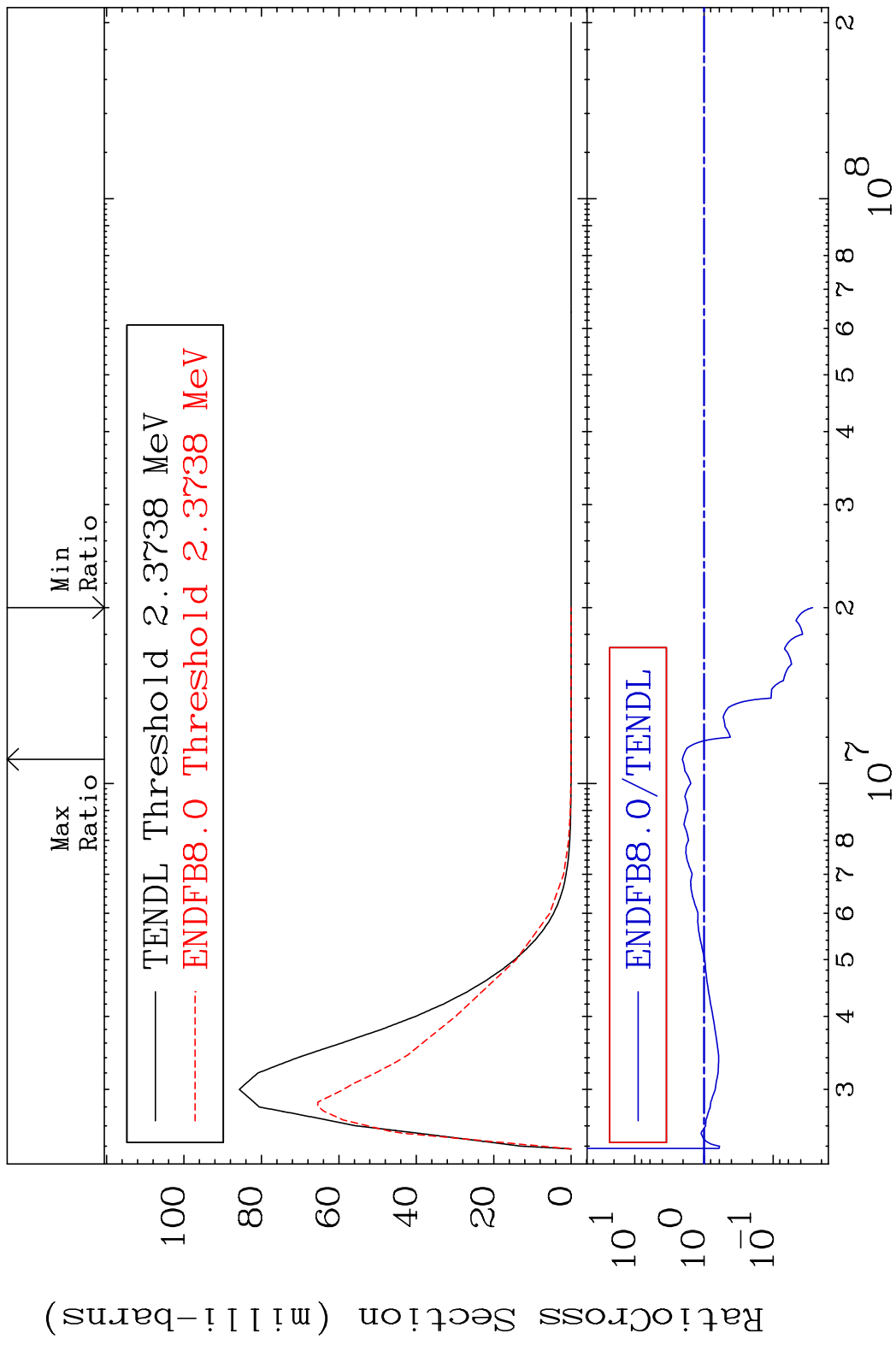


14 Incident Energy (eV) 34-Se-80

MAT 3443 MT= 58 (n,n') Level 34-Se-80
 Cross Section -100.0 To -9.130%

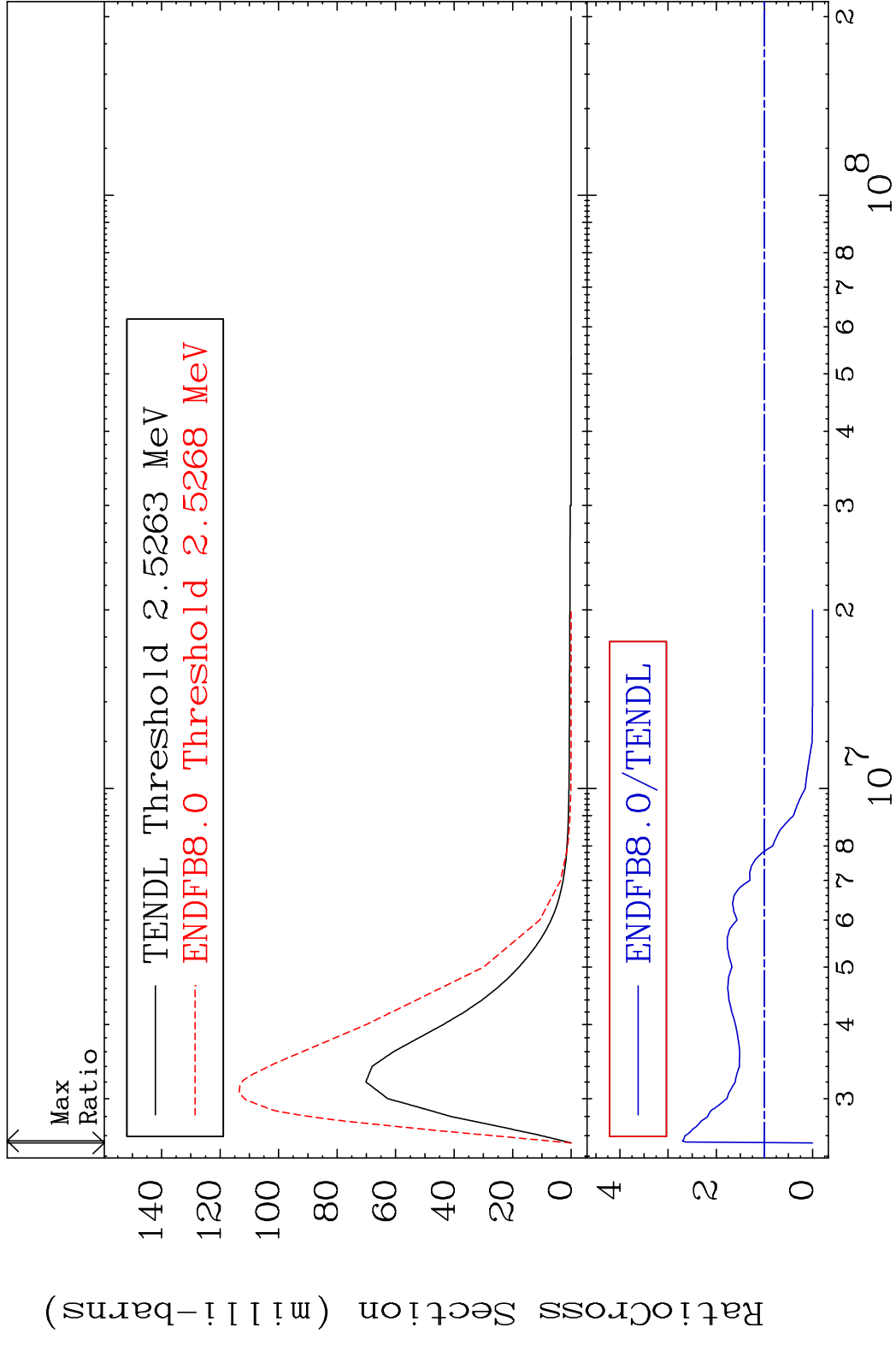


MAT 3443 MT= 59 (n, n') Level 34-Se-80
 Cross Section -97.31 To 105.1 %

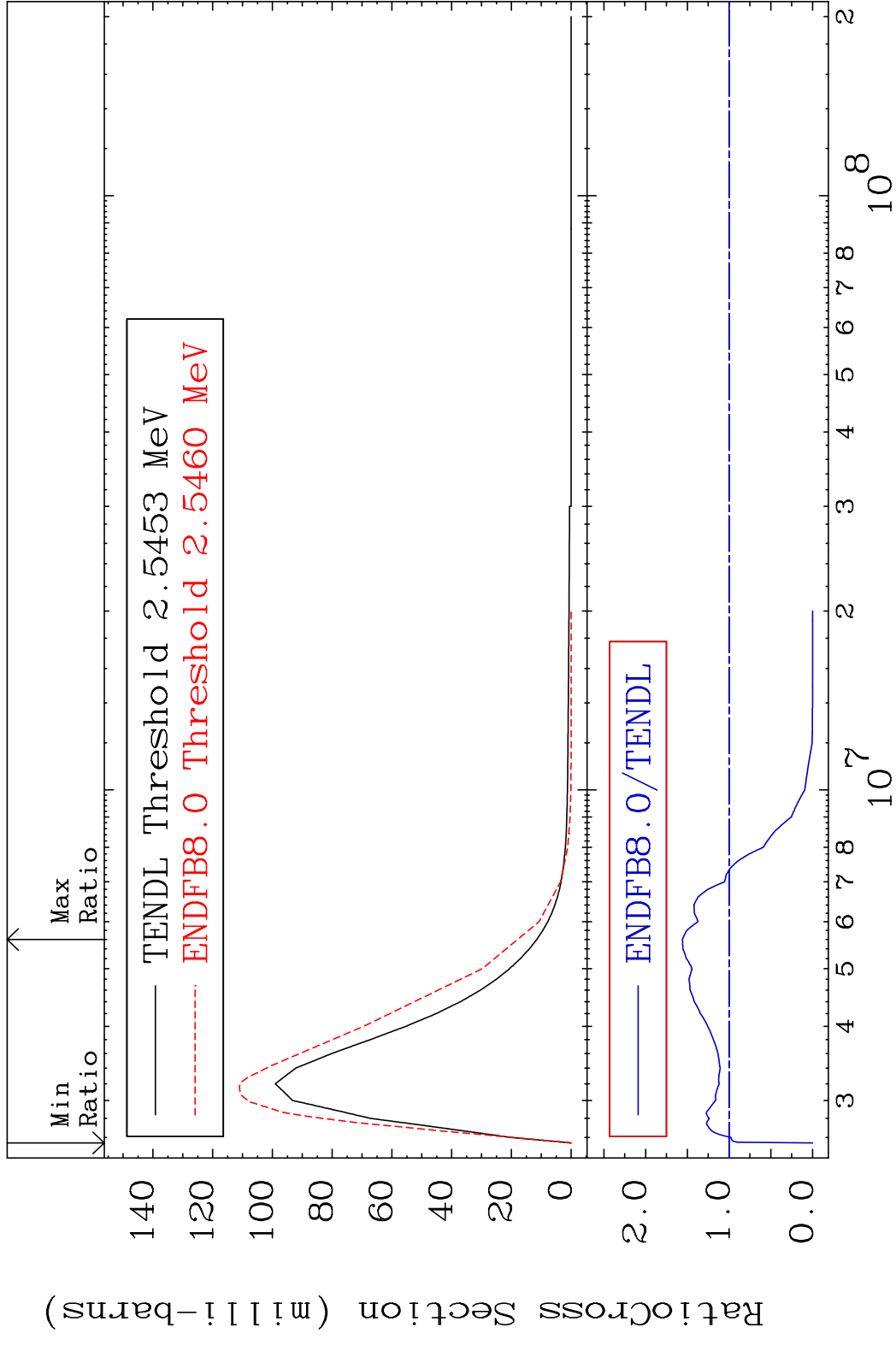


16 34-Se-80

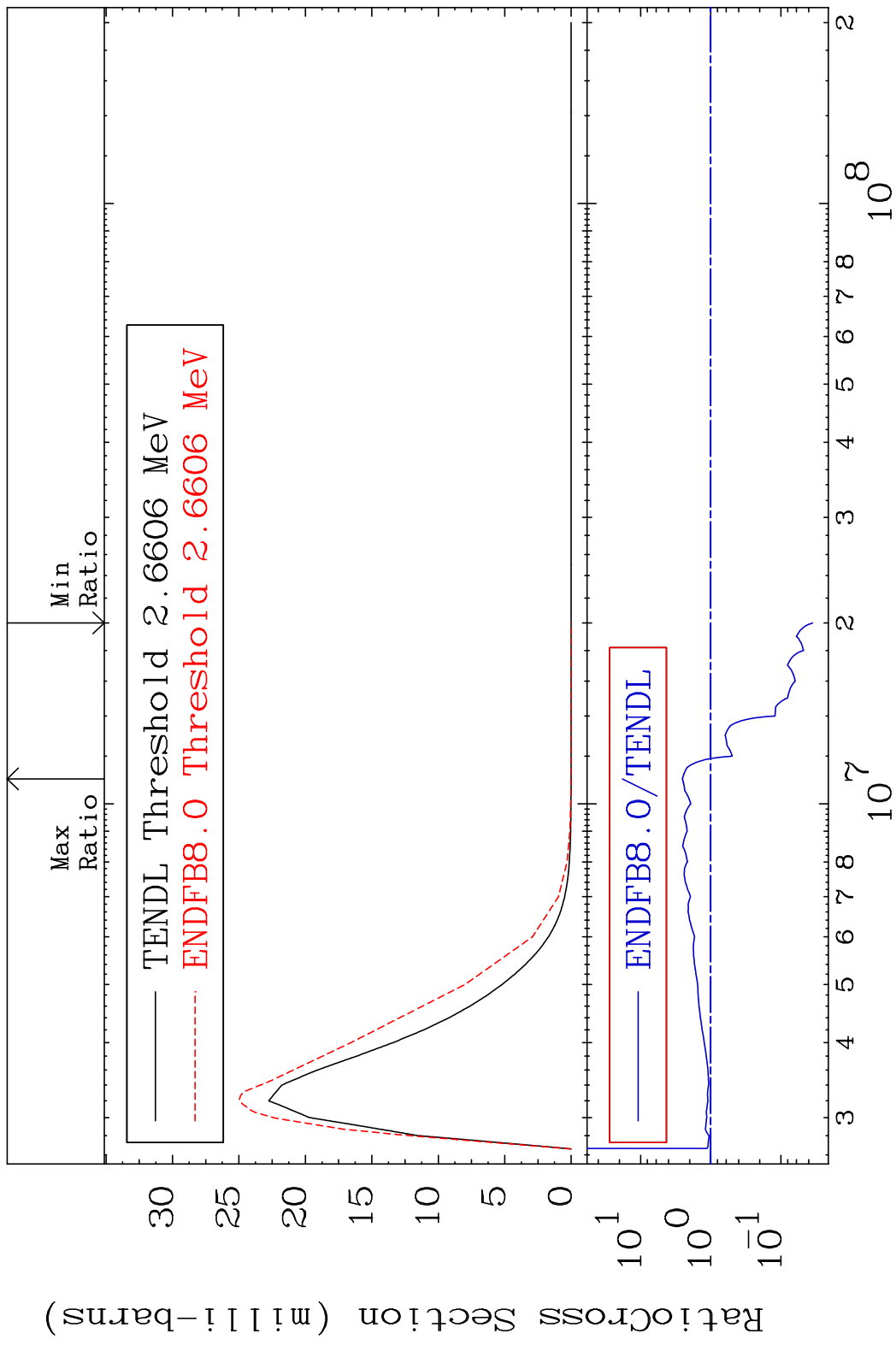
MAT 3443 MT= 60 (n,n') Level 34-Se-80
 Cross Section -100.0 To 170.4 %



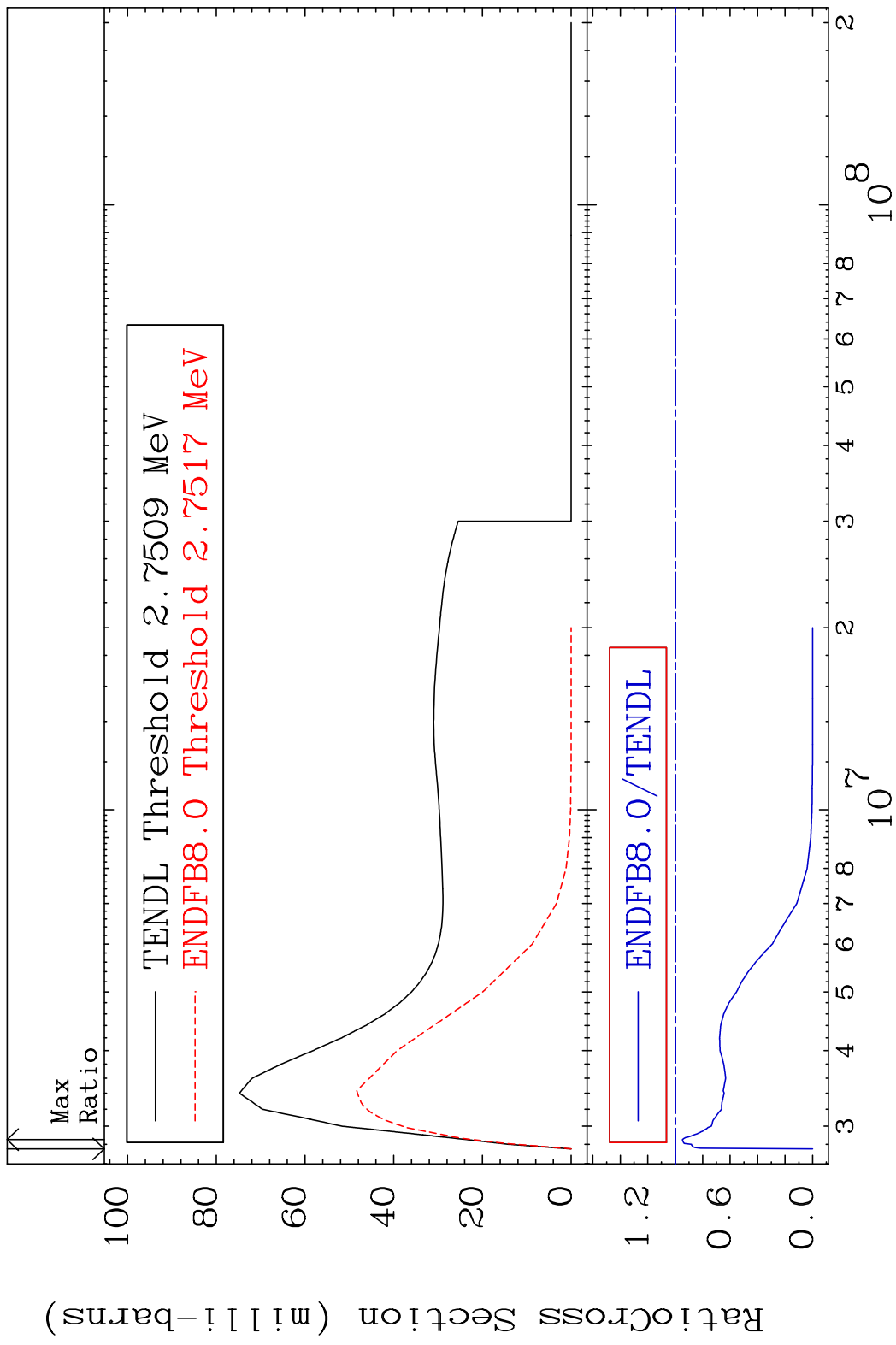
MAT 3443 MT= 61 (n,n') Level 34-Se-80
 Cross Section -100.0 To 55.96 %



MAT 3443 MT= 62 (n, n') Level 34-Se-80
 Cross Section -96.46 To 153.7 %

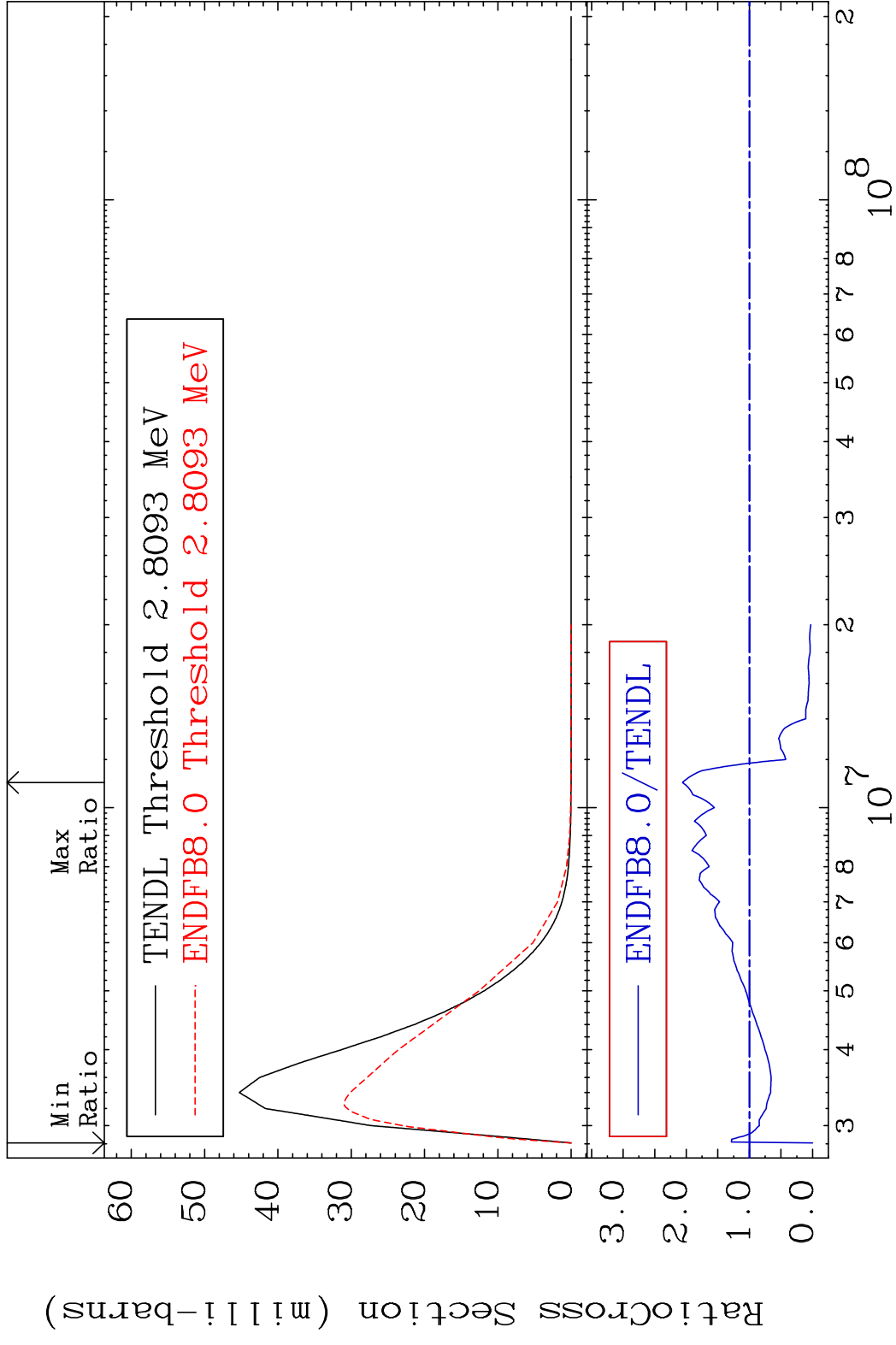


MAT 3443 MT= 63 (n,n') Level 34-Se-80
 Cross Section -100.0 To -5.185%

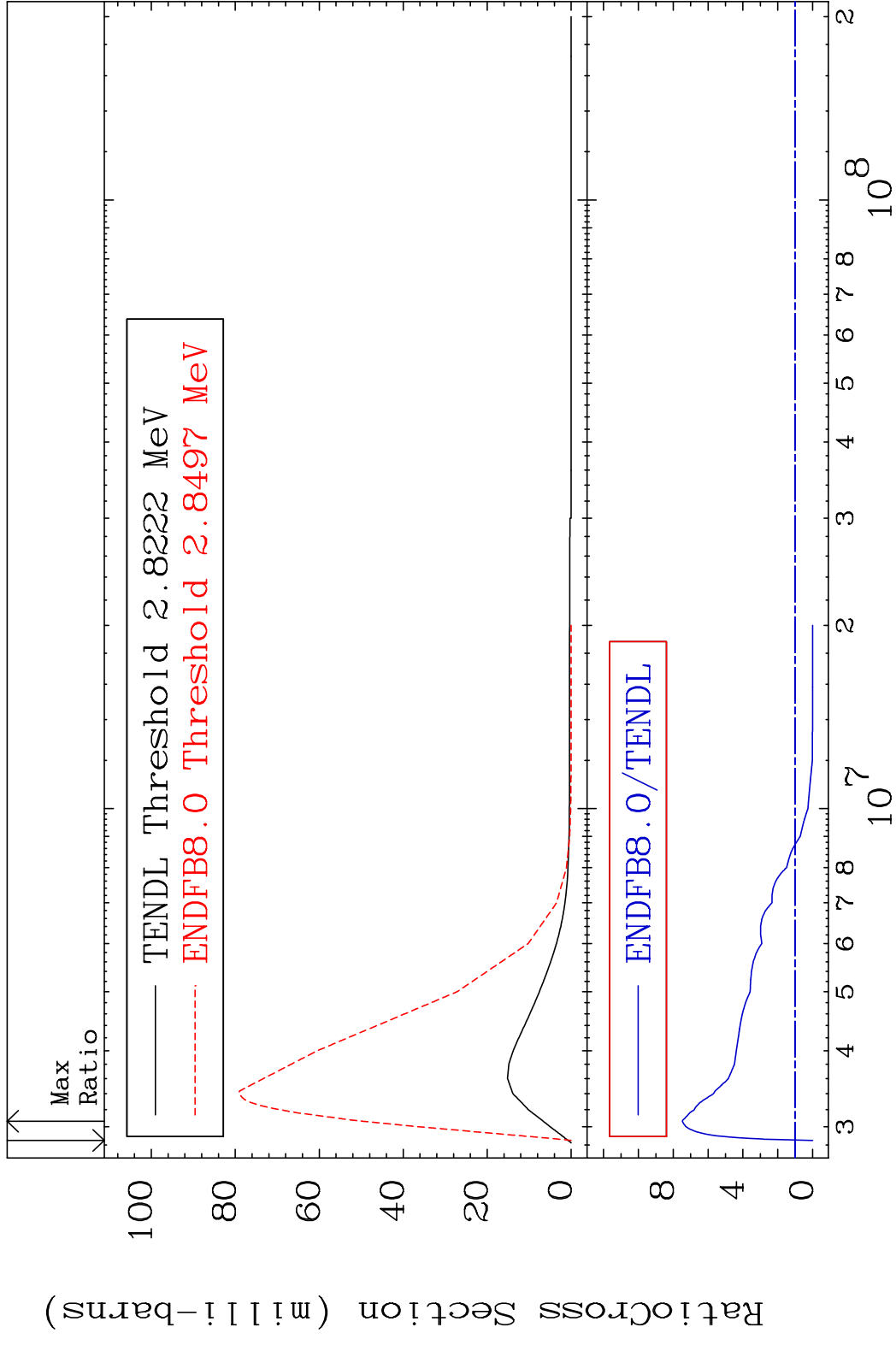


20 34-Se-80

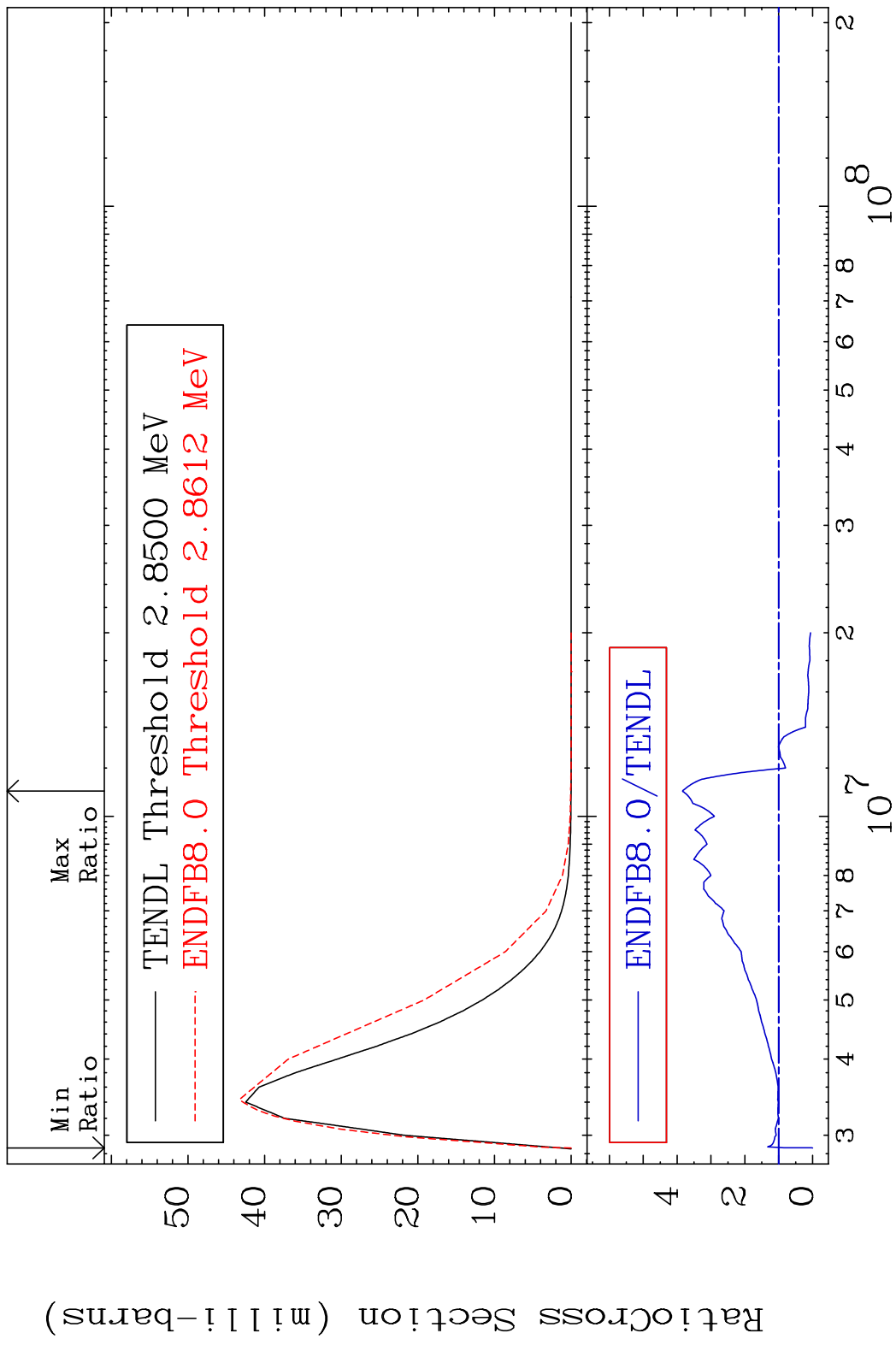
MAT 3443 MT= 64 (n,n') Level 34-Se-80
 Cross Section -100.0 To 106.2 %



MAT 3443 MT= 65 (n,n') Level 34-Se-80
 Cross Section -100.0 To 647.7 %

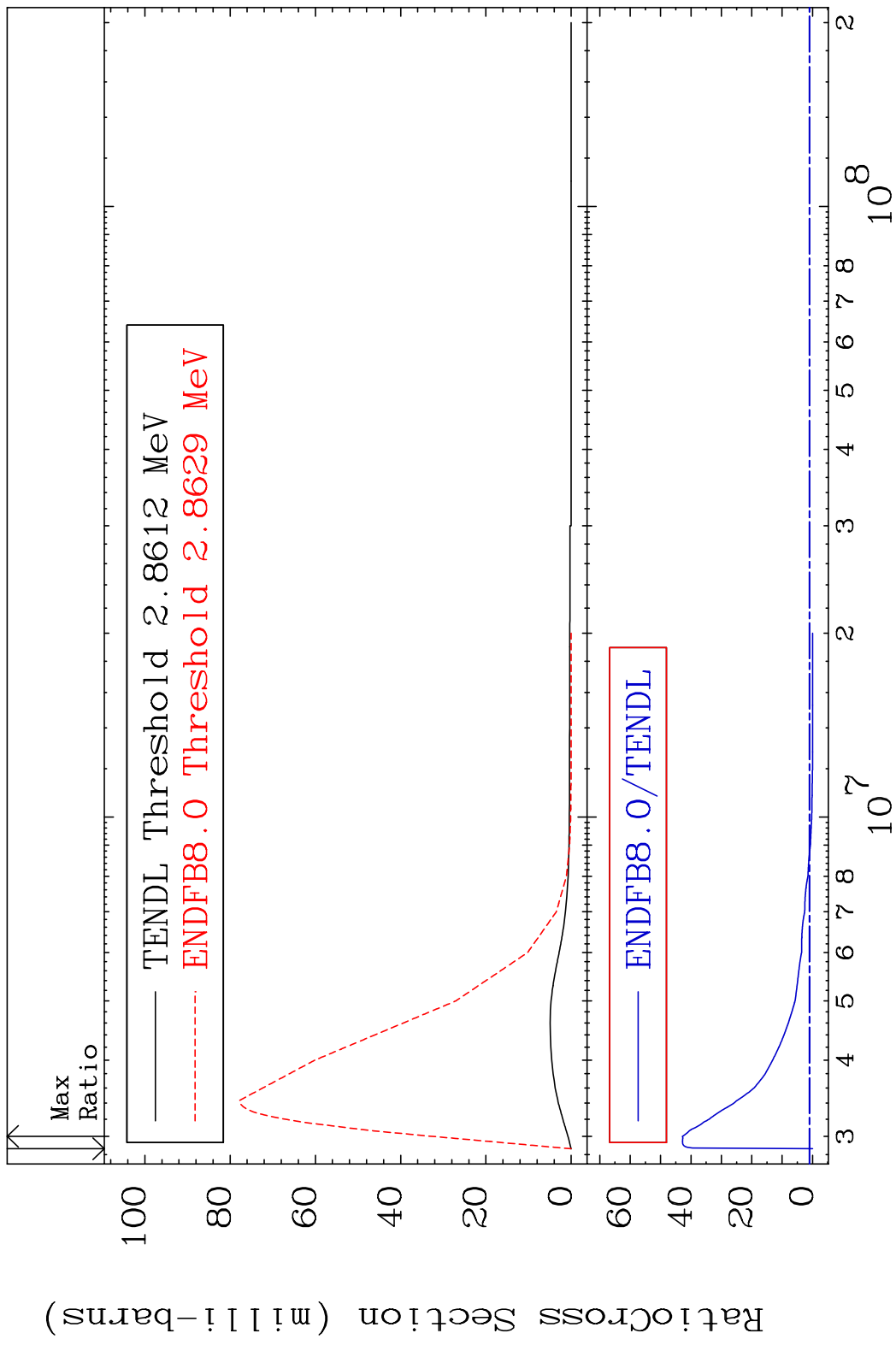


MAT 3443 MT= 66 (n,n') Level 34-Se-80
 Cross Section -100.0 To 284.5 %

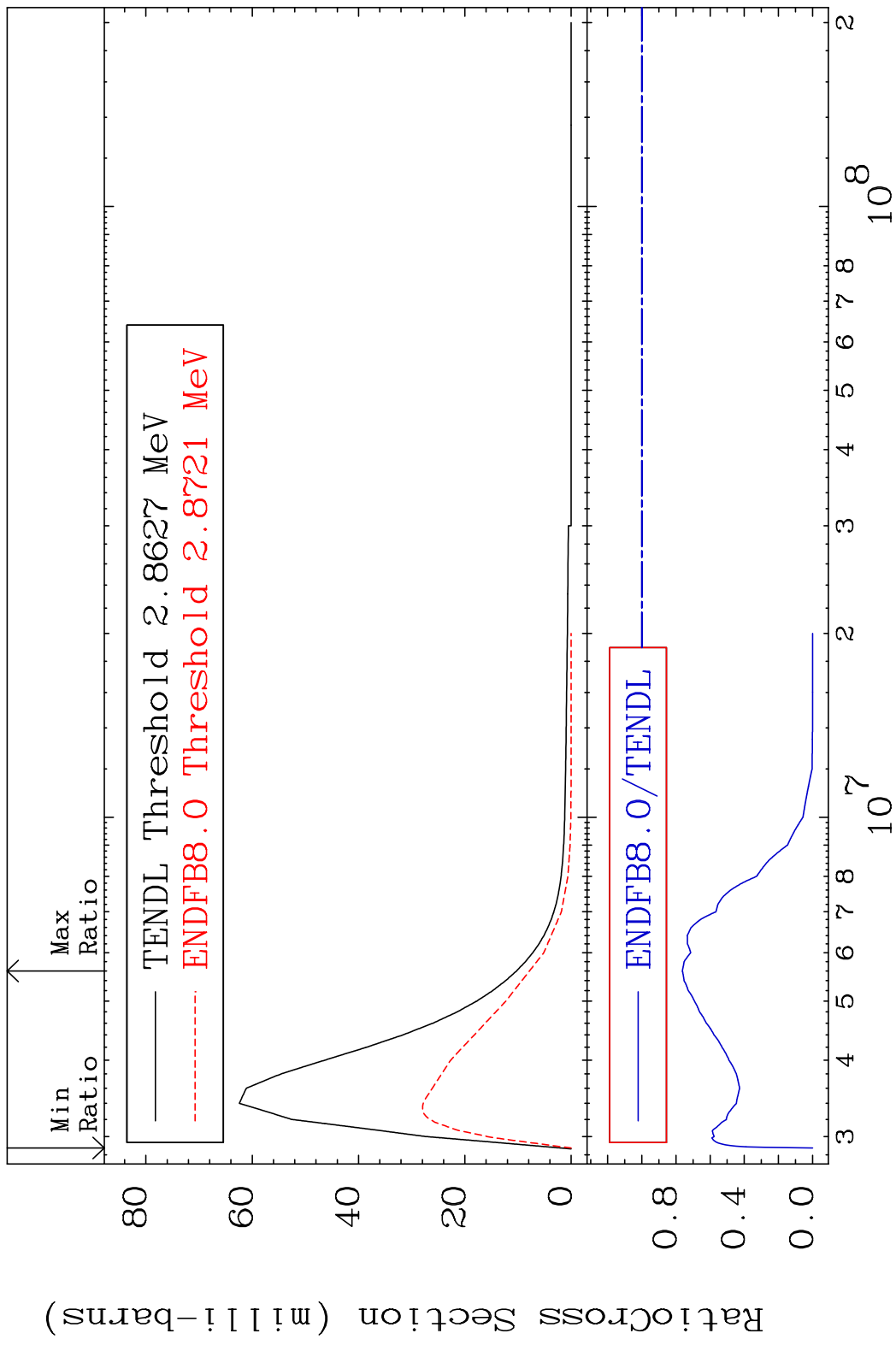


23 Incident Energy (eV) 34-Se-80

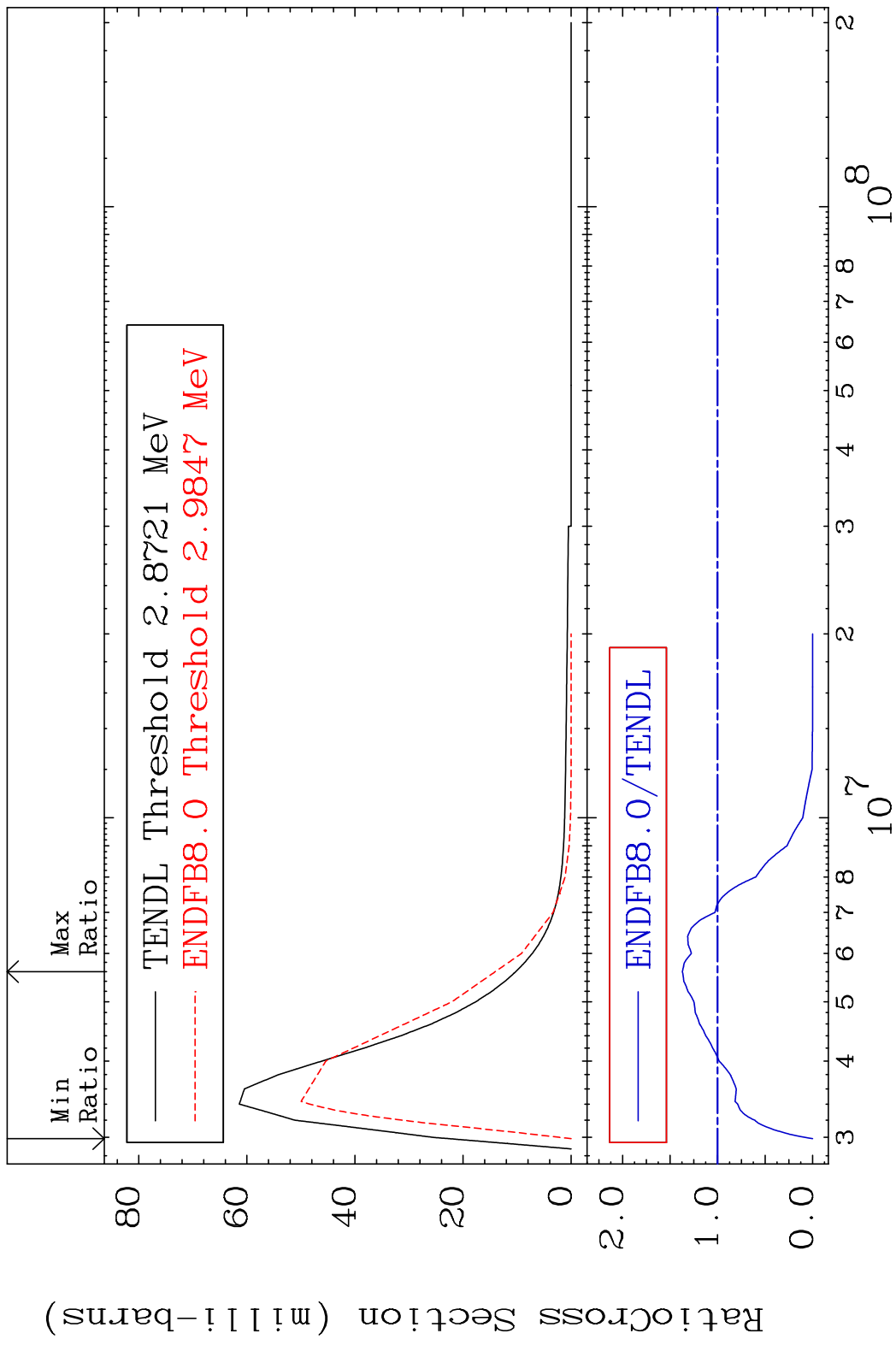
MAT 3443 MT= 67 (n,n') Level 34-Se-80
 Cross Section -100.0 To 4183. %



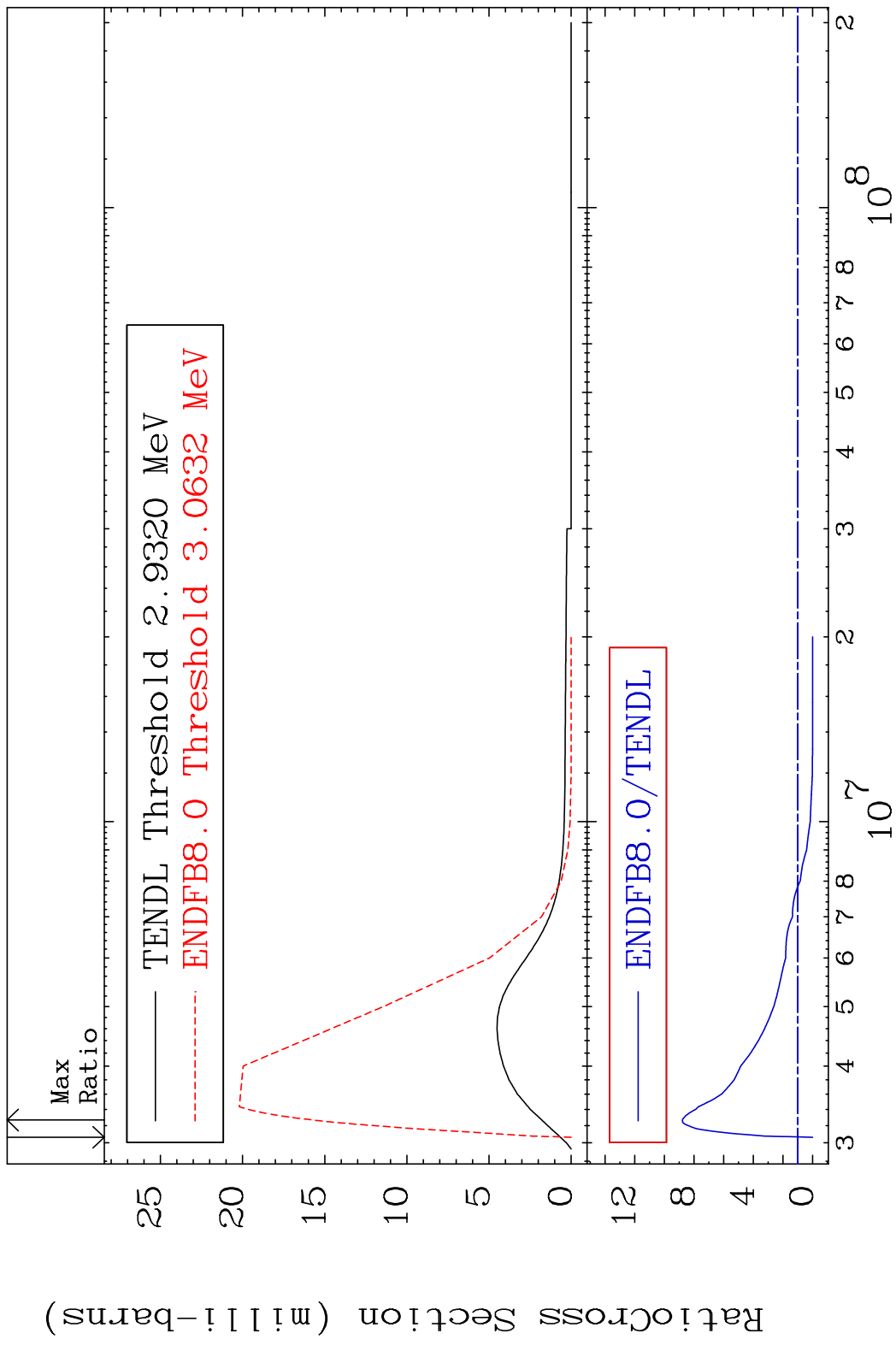
MAT 3443 MT= 68 (n,n') Level 34-Se-80
 Cross Section -100.0 To -23.74%



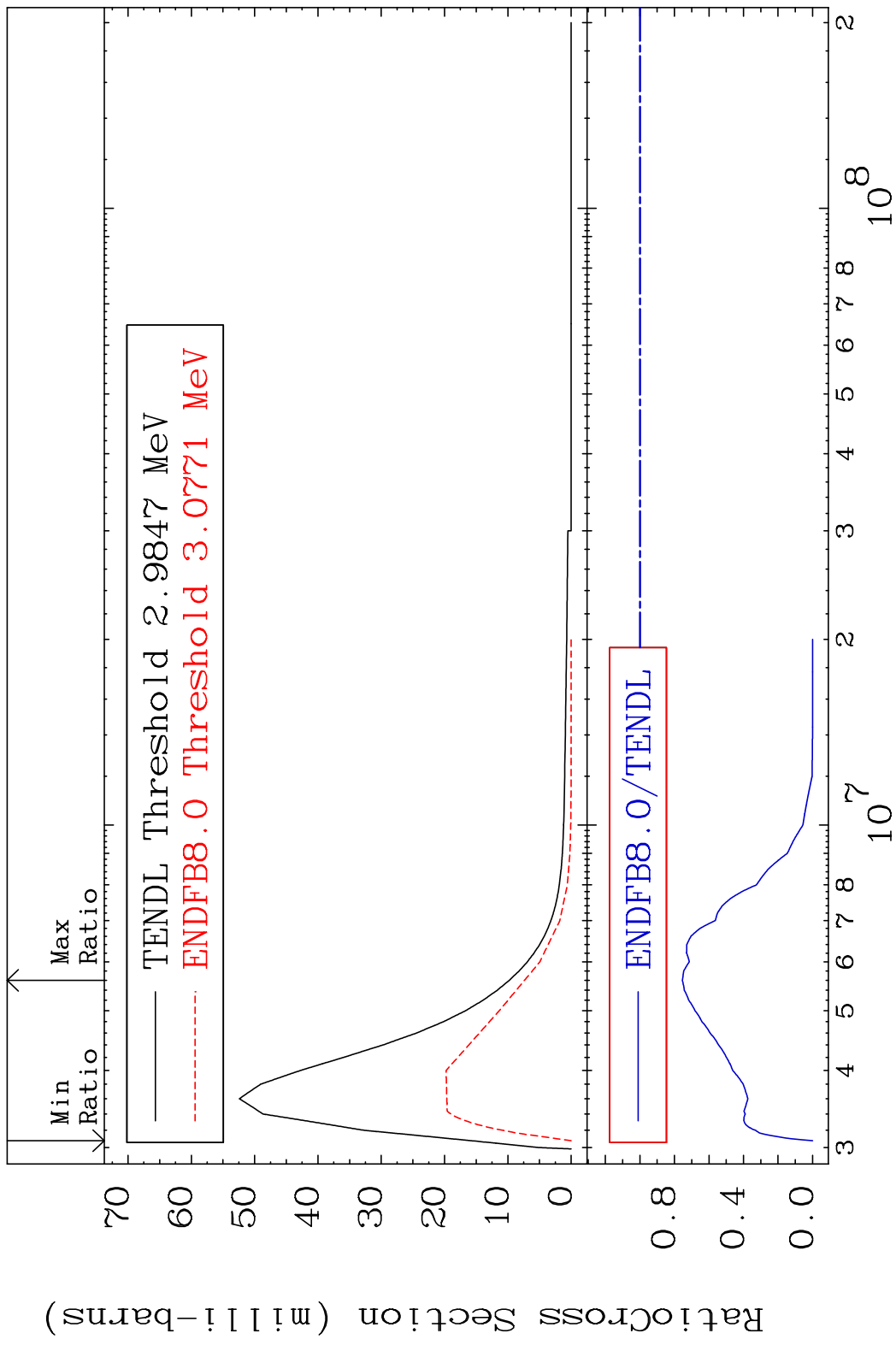
MAT 3443 MT= 69 (n,n') Level 34-Se-80
 Cross Section -100.0 To 37.15 %



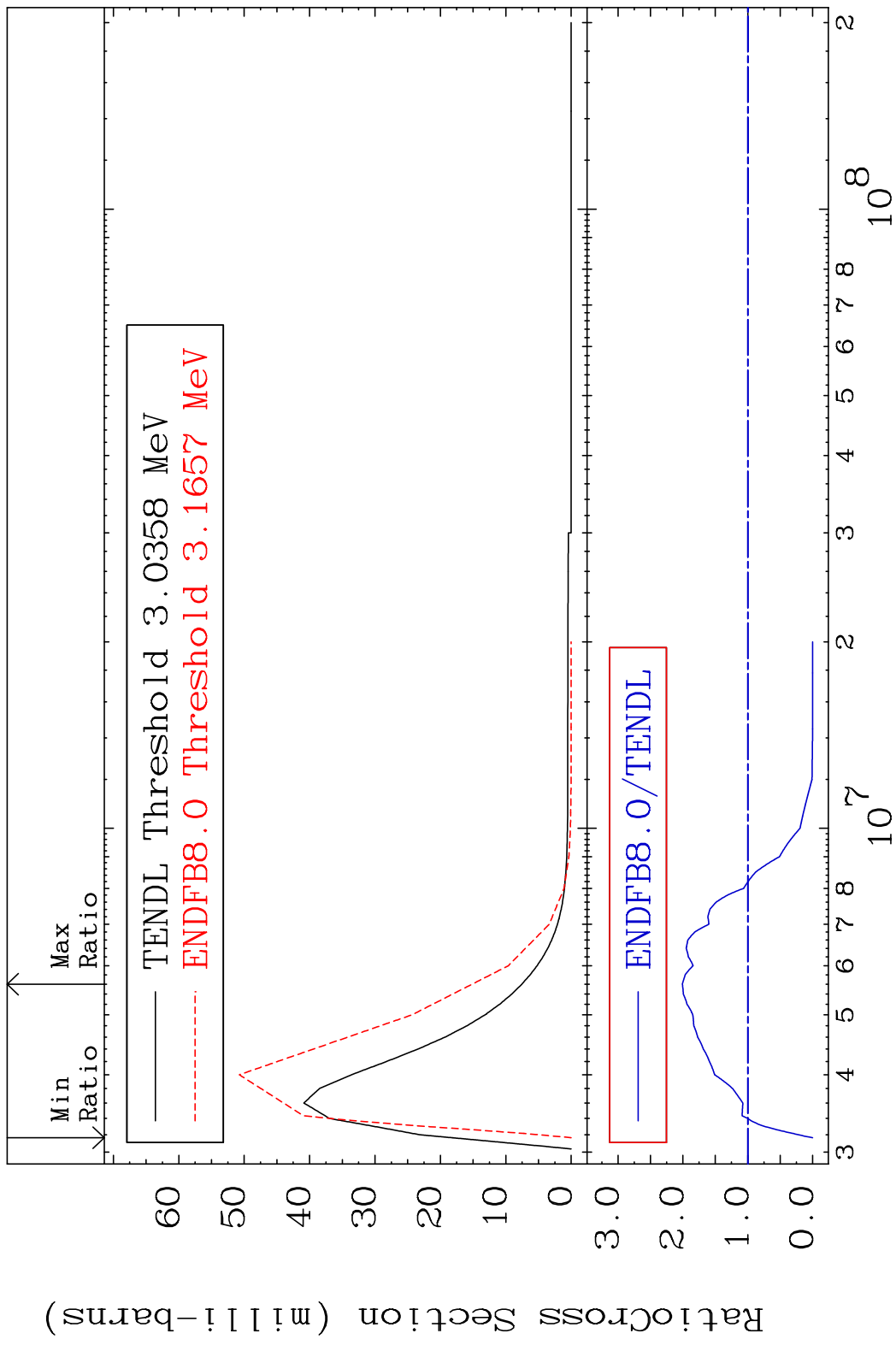
MAT 3443 MT= 70 (n,n') Level 34-Se-80
 Cross Section -100.0 To 778.5 %



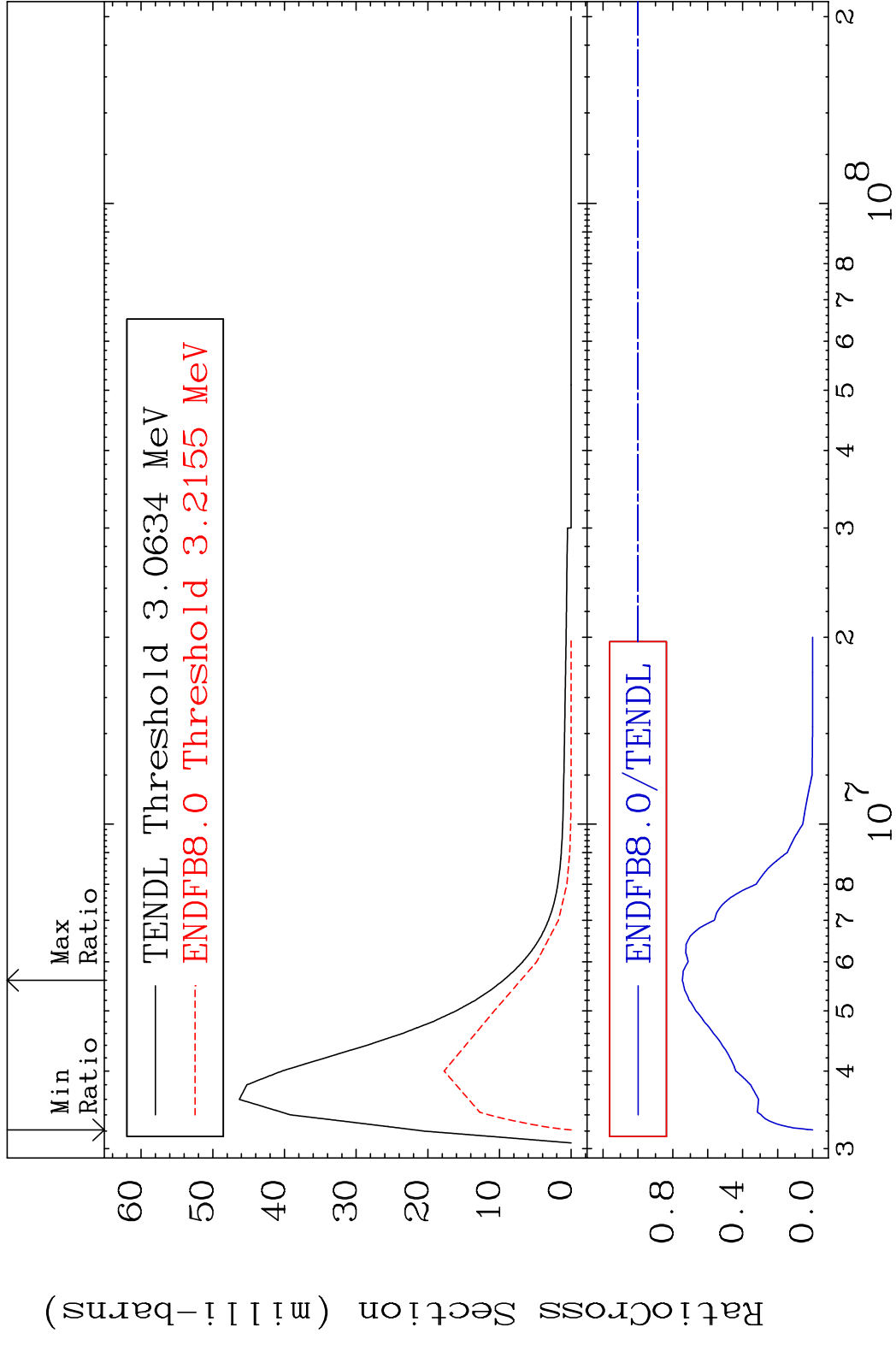
MAT 3443 MT= 71 (n,n') Level 34-Se-80
 Cross Section -100.0 To -24.58%



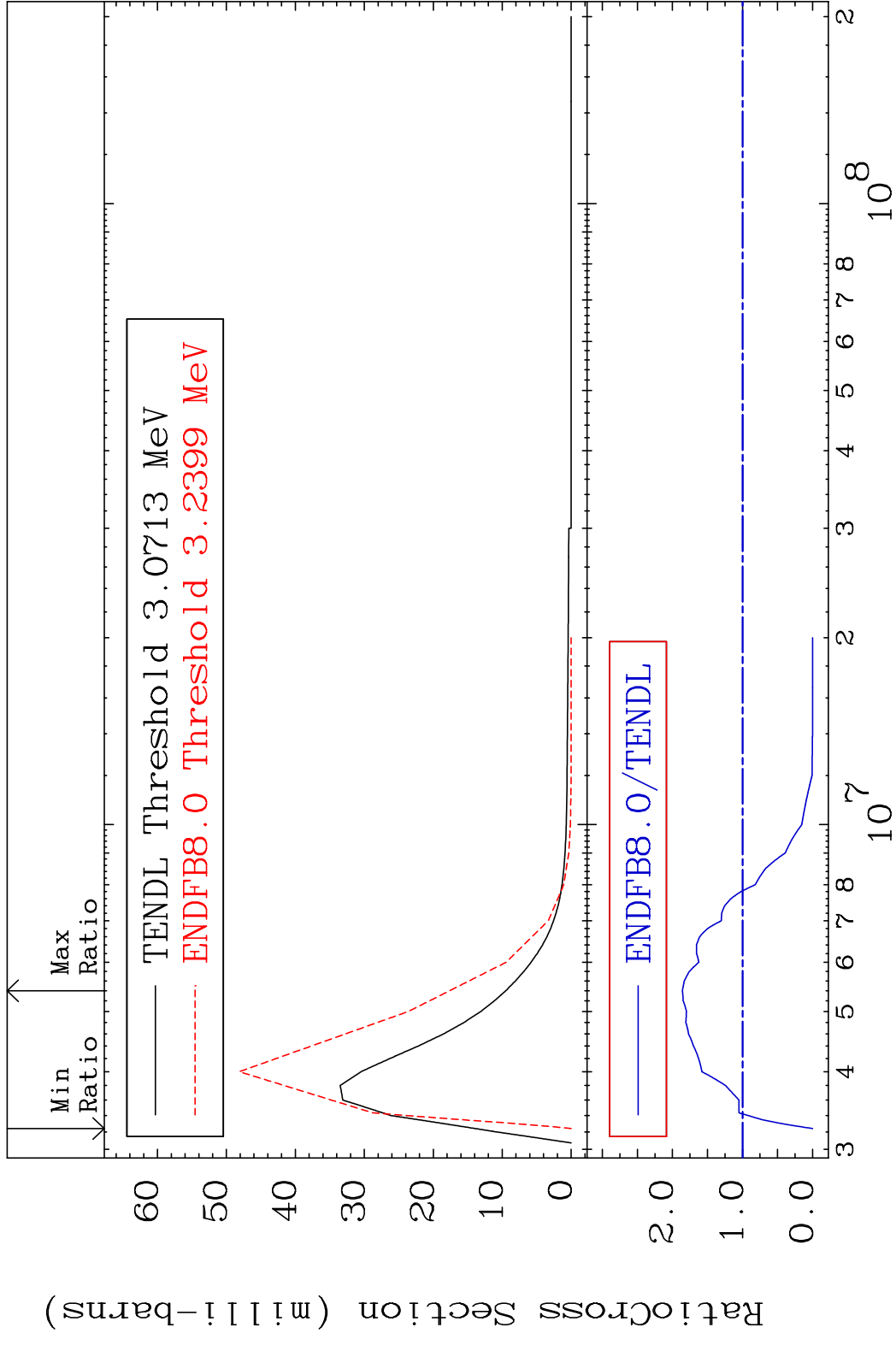
MAT 3443 MT= 72 (n,n') Level 34-Se-80
 Cross Section -100.0 To 100.9 %



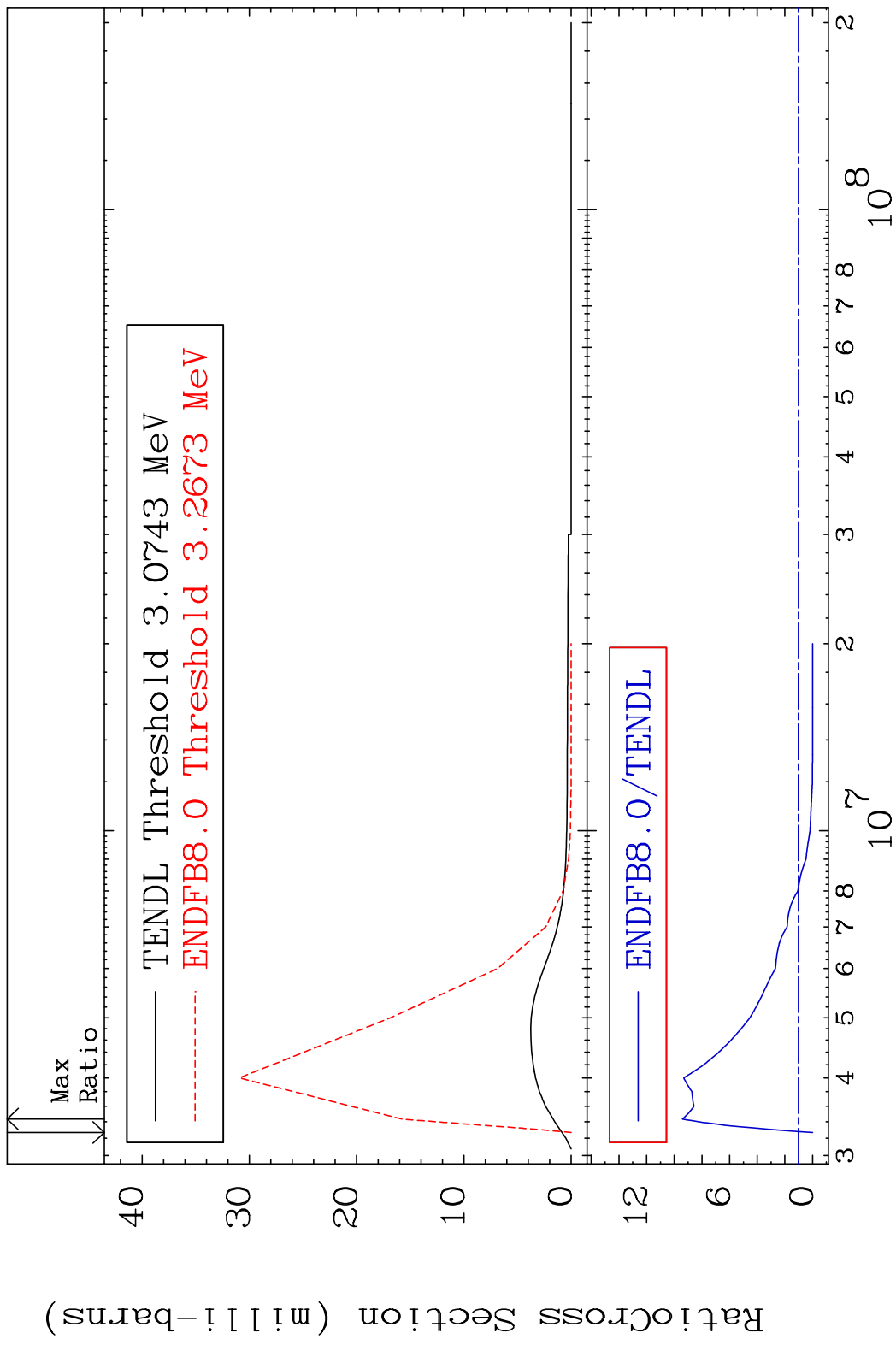
MAT 3443 MT= 73 (n, n') Level 34-Se-80
 Cross Section -100.0 To -25.44%



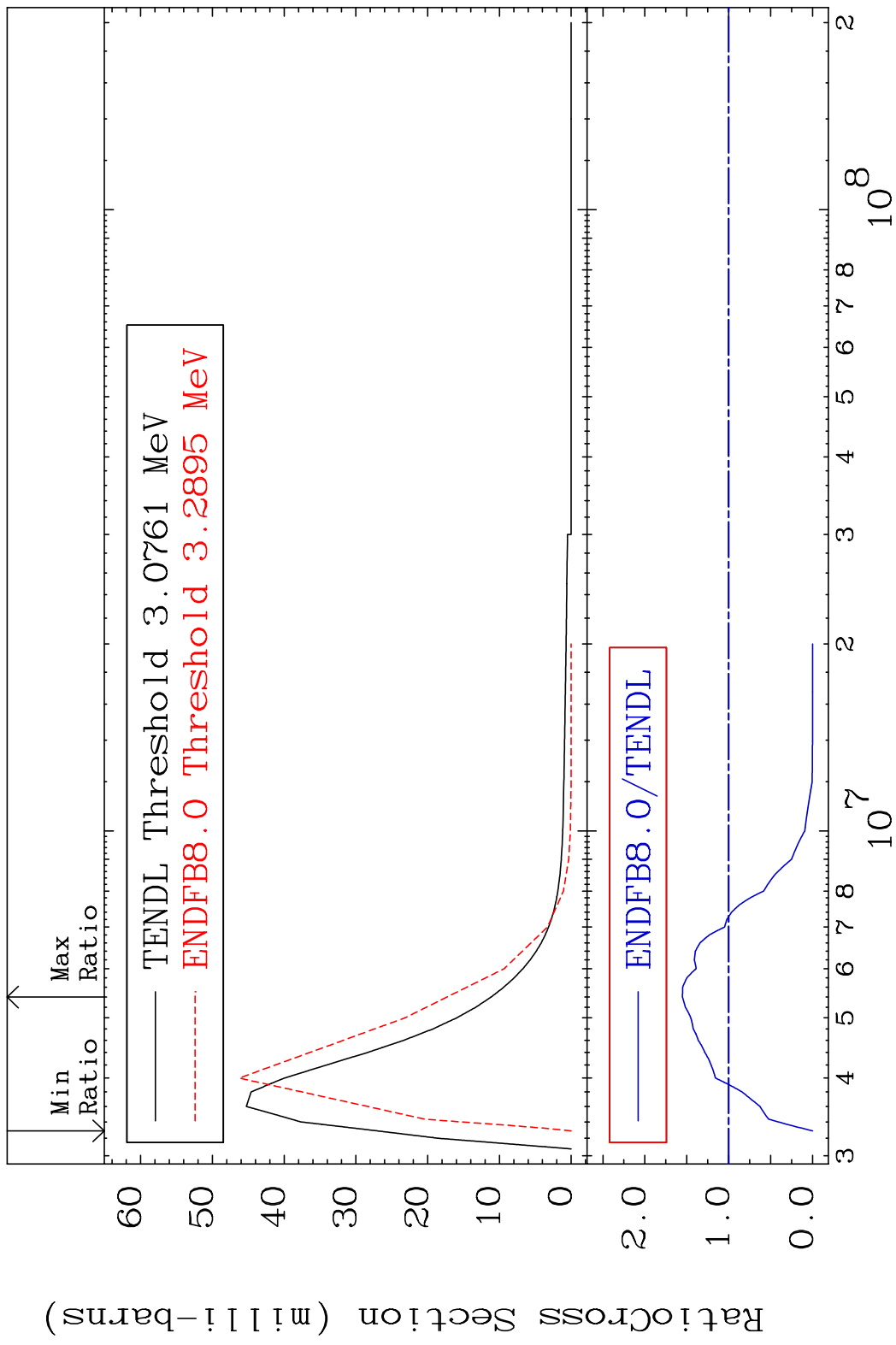
MAT 3443 MT= 74 (n,n') Level 34-Se-80
 Cross Section -100.0 To 85.84 %



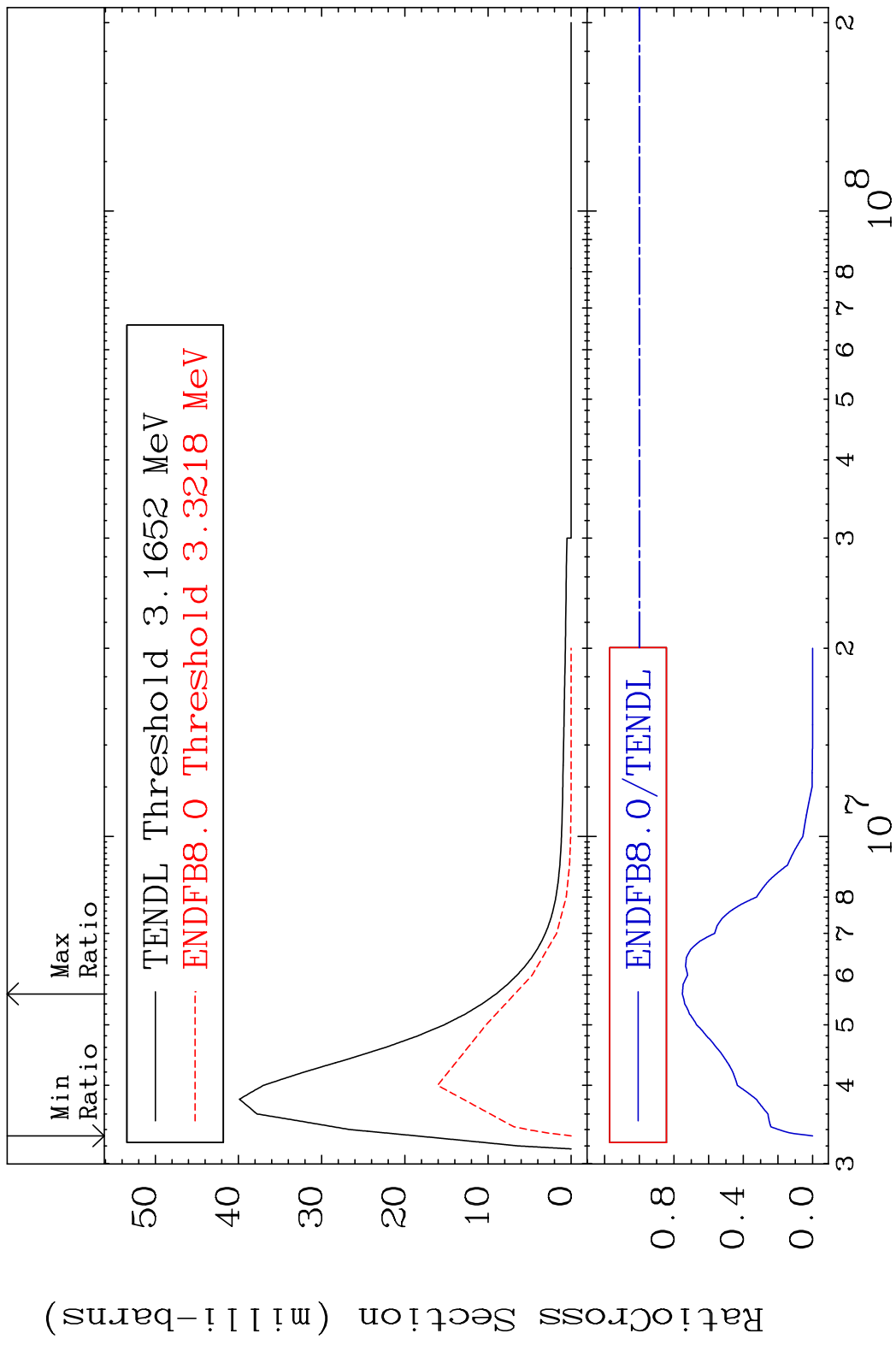
MAT 3443 MT= 75 (n,n') Level 34-Se-80
 Cross Section -100.0 To 841.4 %



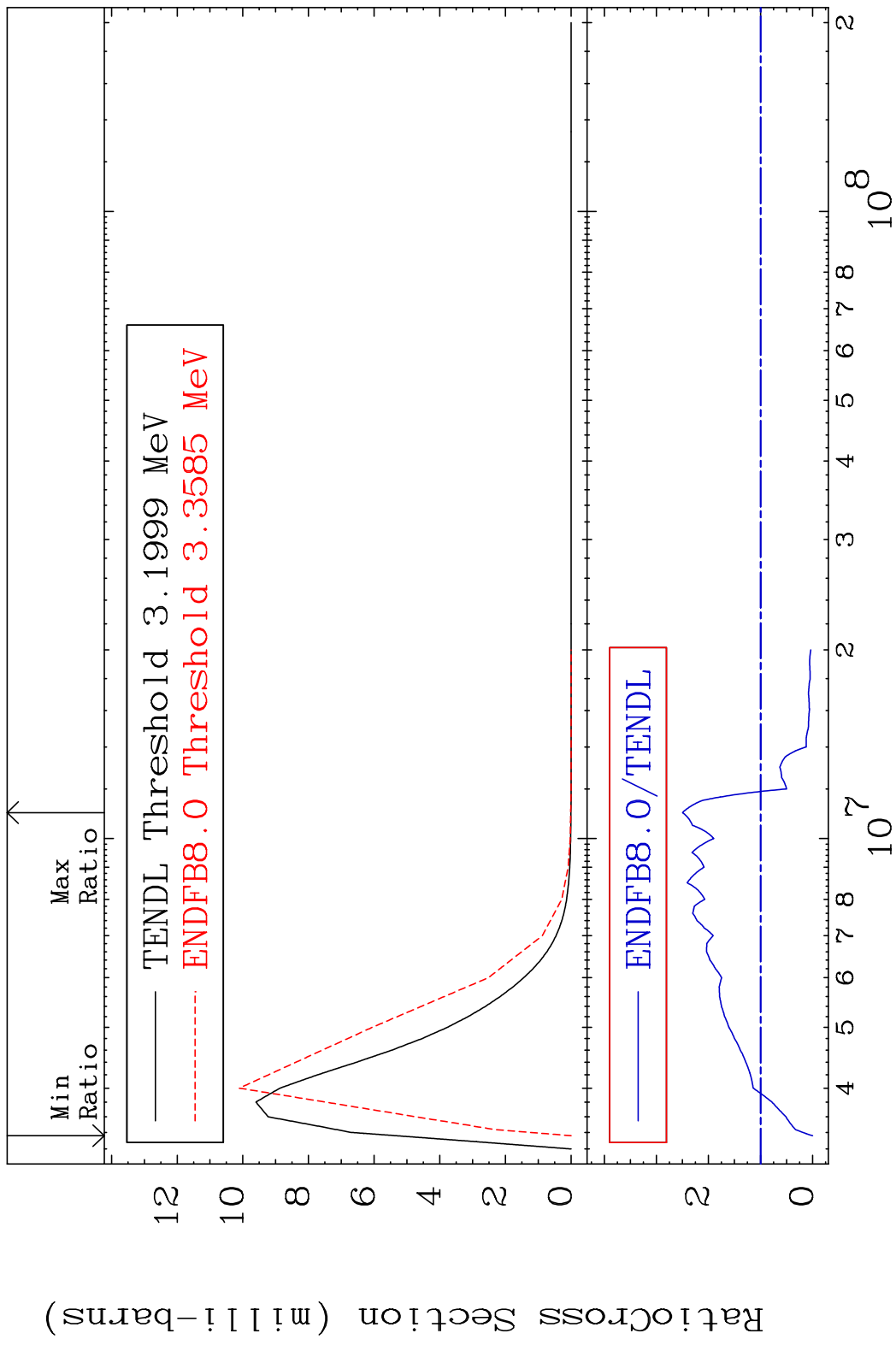
MAT 3443 MT= 76 (n,n') Level 34-Se-80
 Cross Section -100.0 To 55.27 %



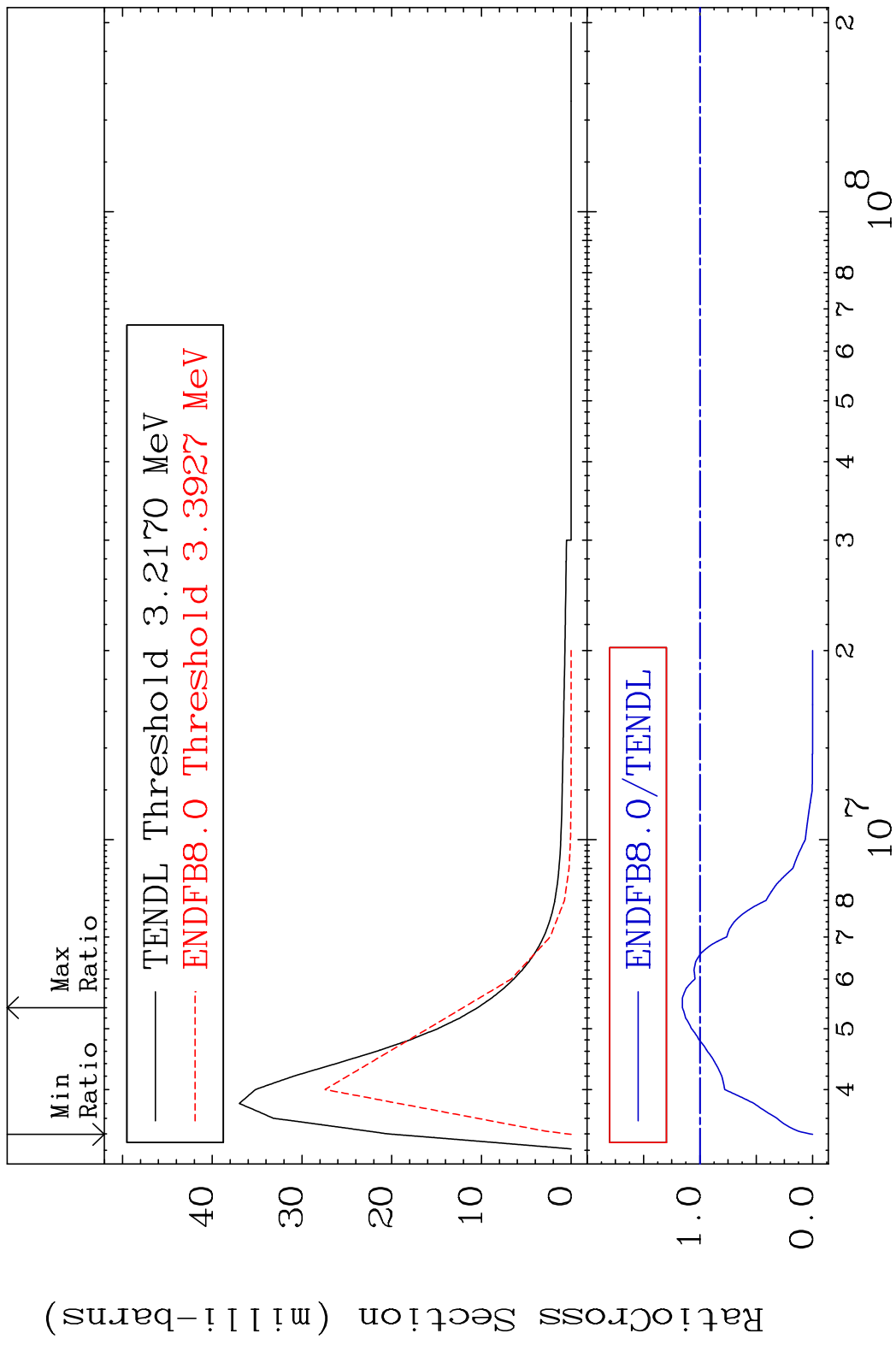
MAT 3443 MT= 77 (n,n') Level 34-Se-80
 Cross Section -100.0 To -24.84%



MAT 3443 MT= 78 (n, n') Level 34-Se-80
 Cross Section -100.0 To 150.2 %



MAT 3443 MT= 79 (n,n') Level 34-Se-80
 Cross Section -100.0 To 15.59 %

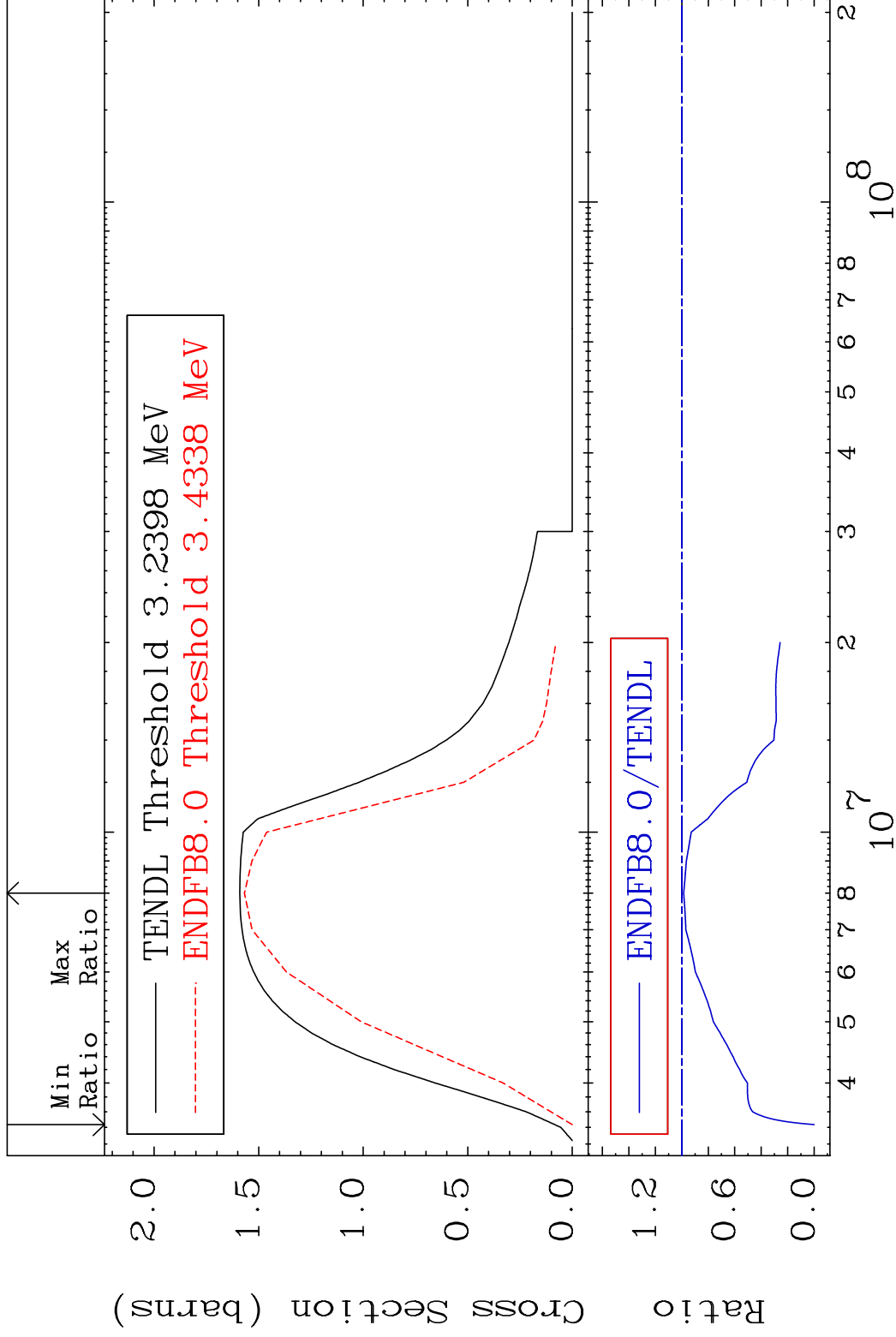


MAT 3443

(n,n') Continuum

³⁴Se-80

Cross Section -100.0 To -1.392%



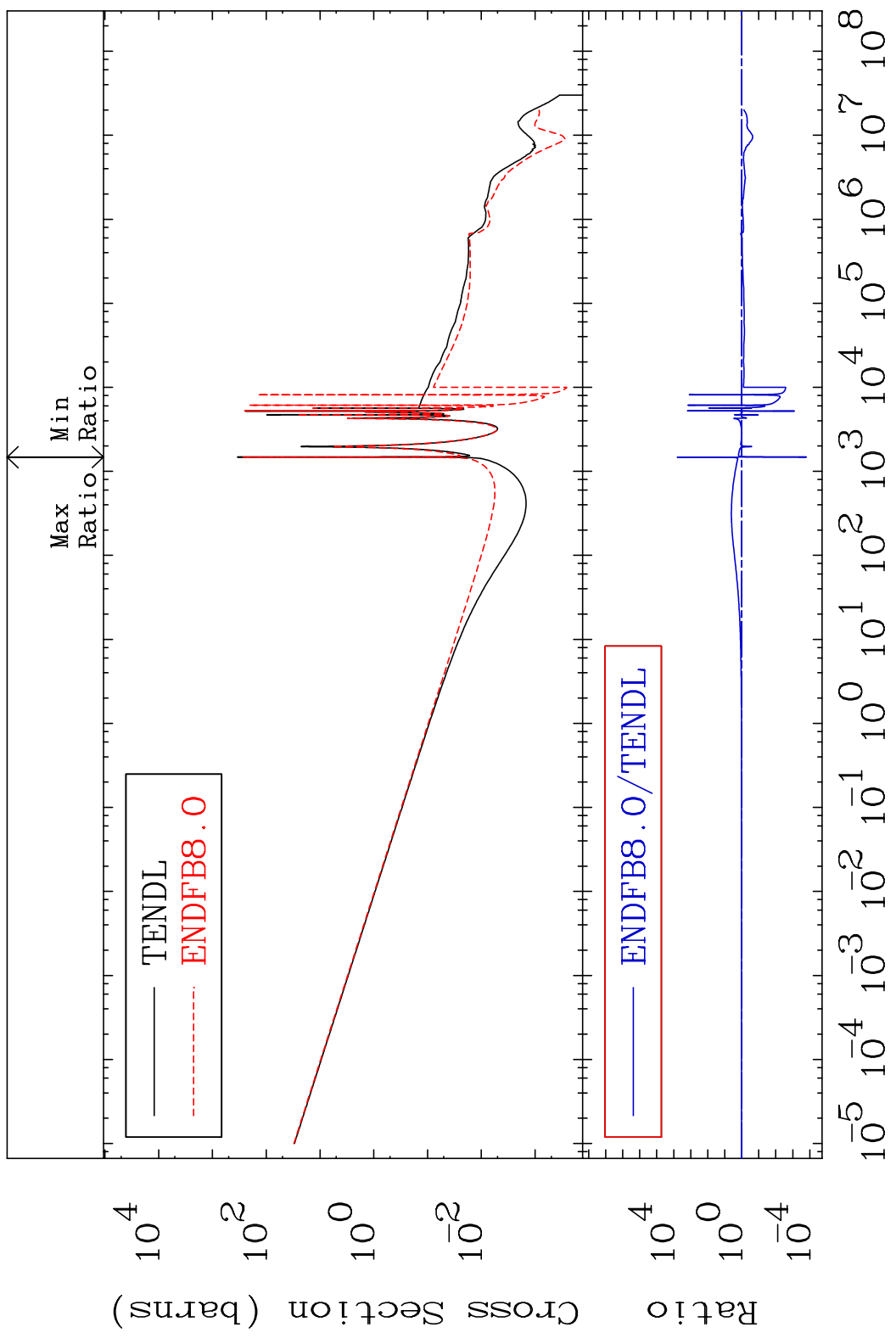
37

Incident Energy (eV)

³⁴Se-80

MAT 3443

(n, γ)
Cross Section -99.98 To 9999. %
34-Se-80

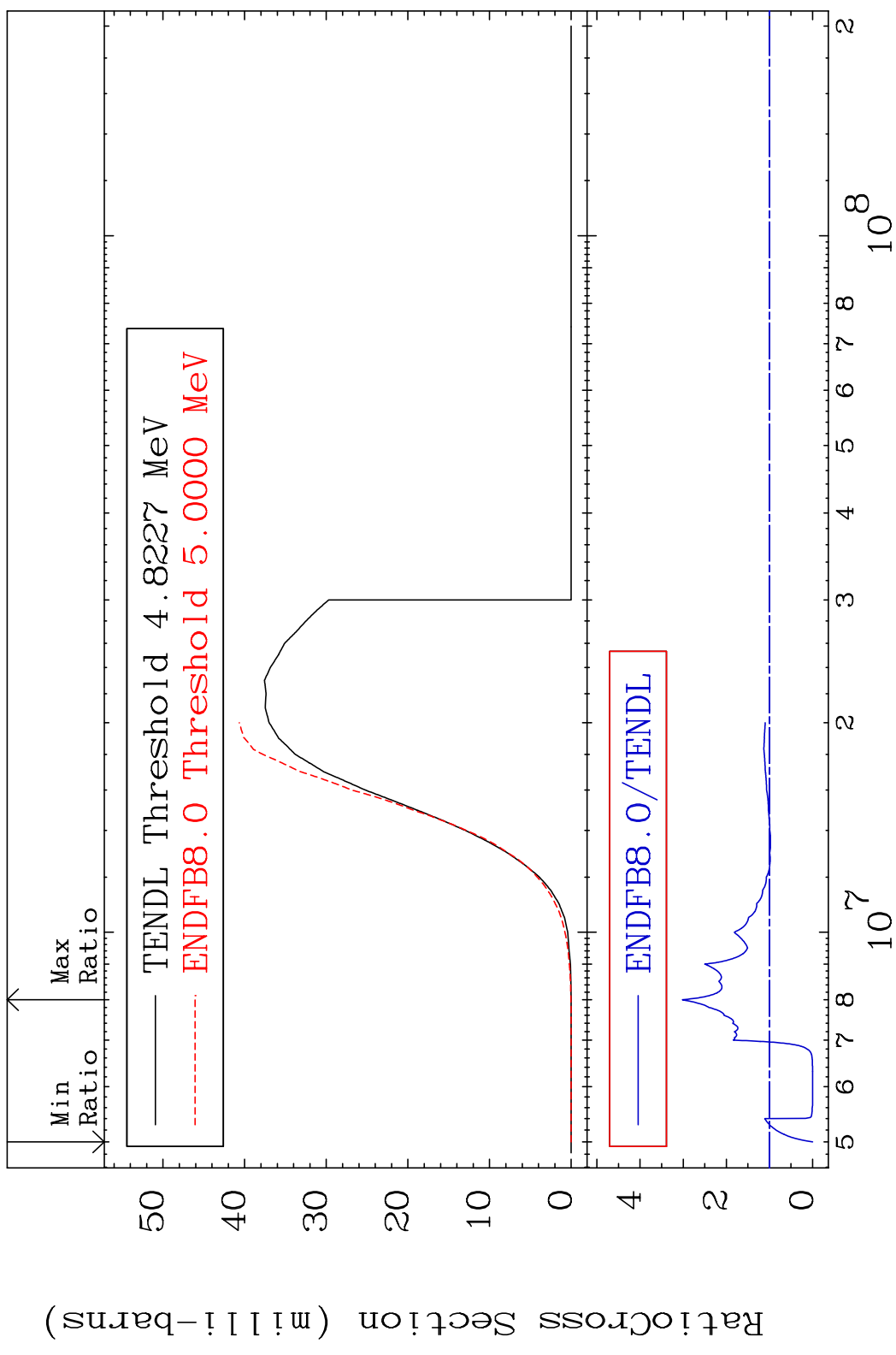


MAT 3443

(n,p)

34-Se-80

Cross Section -100.0 To 202.0 %

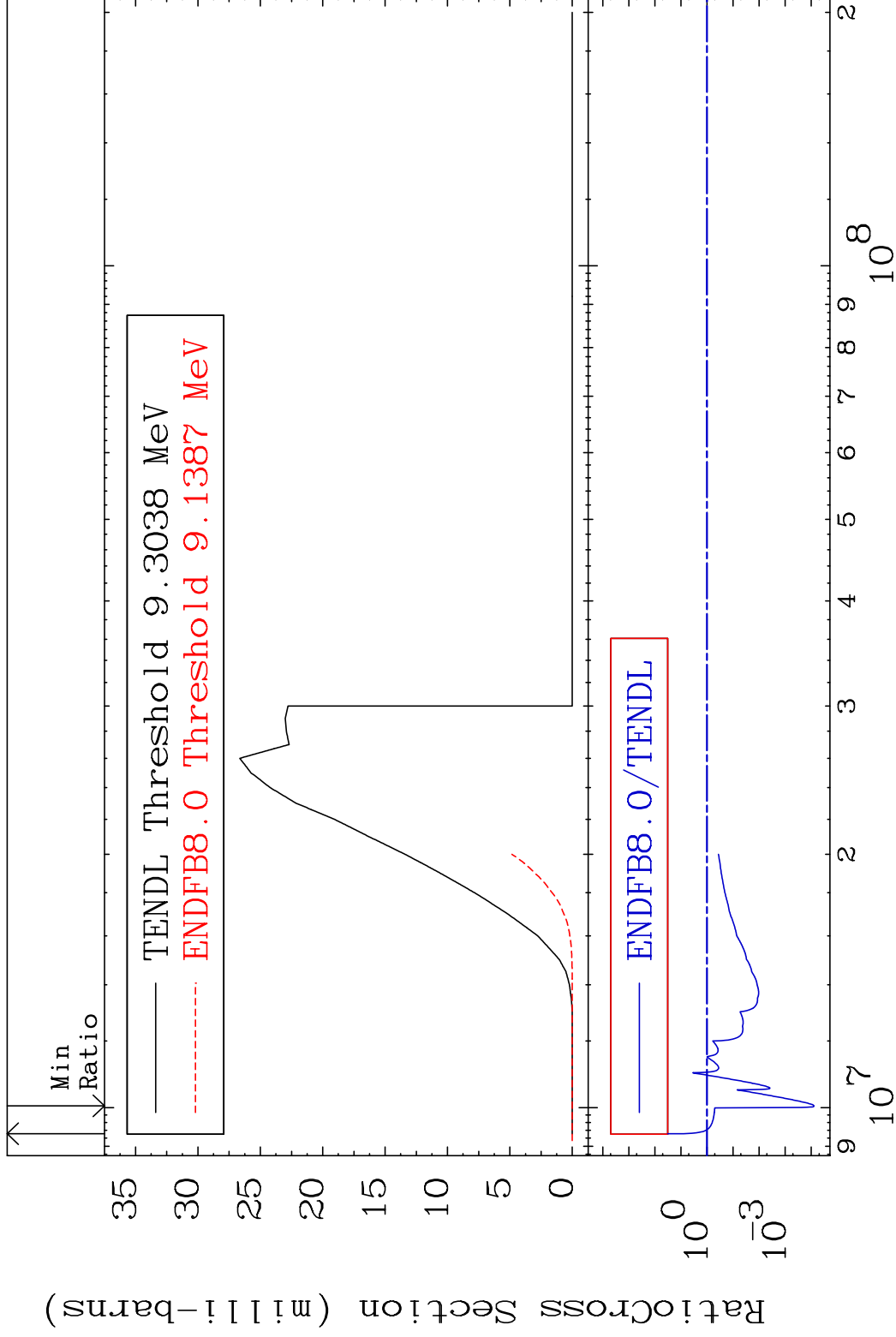


MAT 3443

(n, d)

34-Se-80

Cross Section -99.99 To 684.8 %



40

Incident Energy (eV)

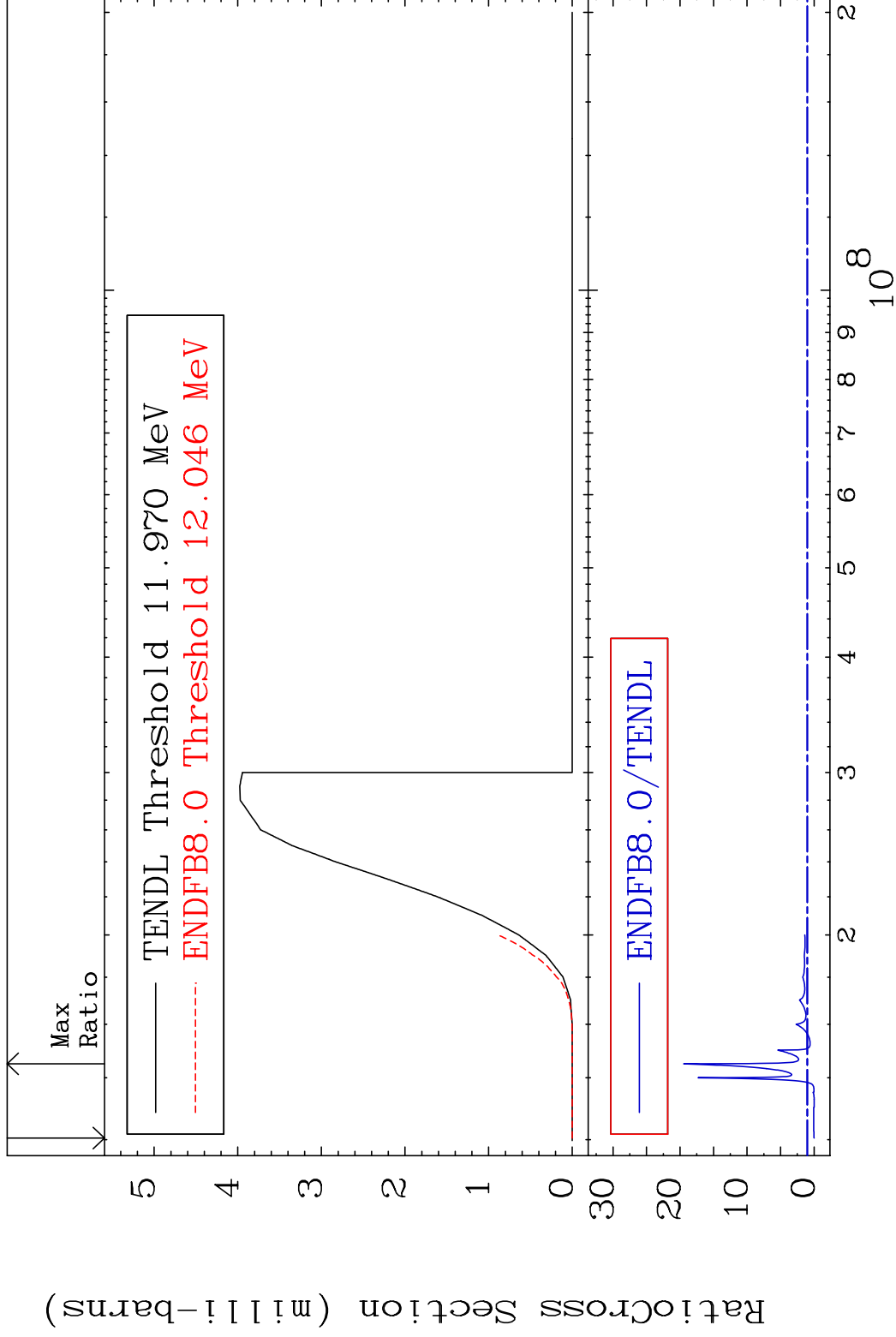
34-Se-80

MAT 3443

(n, t)

34-Se-80

Cross Section -100.0 To 1846. %

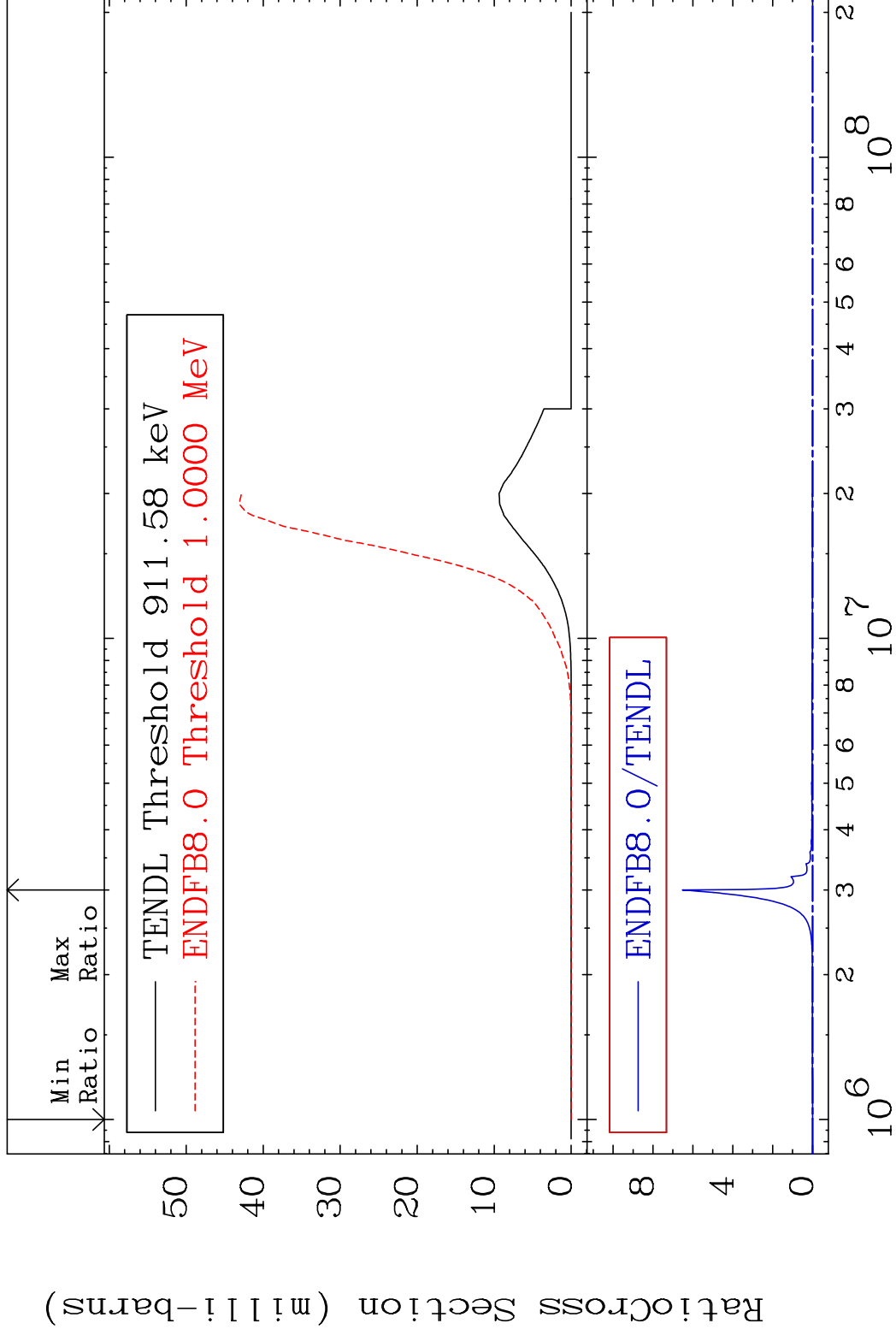


MAT 3443

(n, α)

³⁴Se-80

Cross Section -100.0 To 9999. %



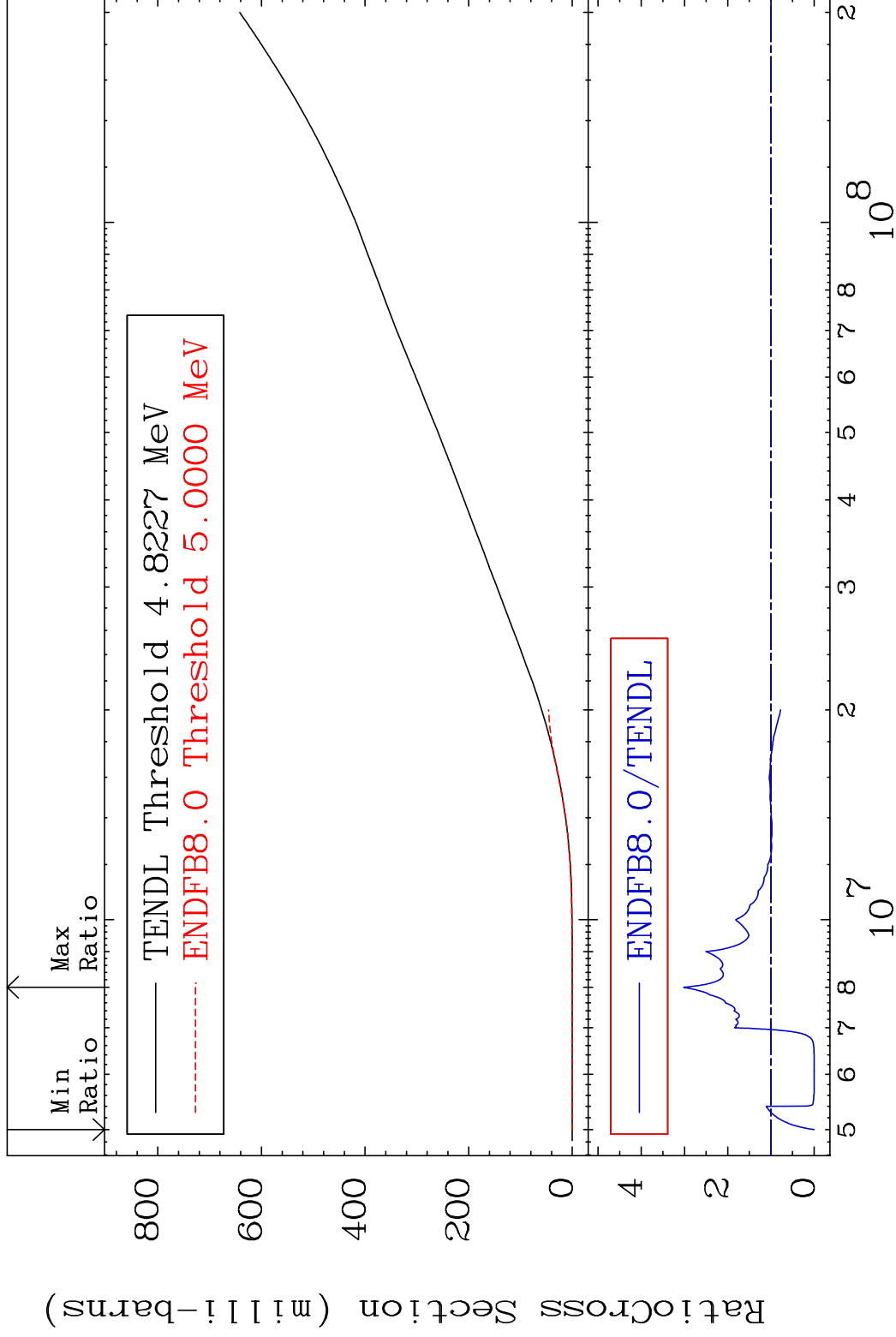
42

Incident Energy (eV)

³⁴Se-80

MAT 3443

Hydrogen Production 34-Se-80
Cross Section -100.0 To 202.0 %



43

Incident Energy (eV)

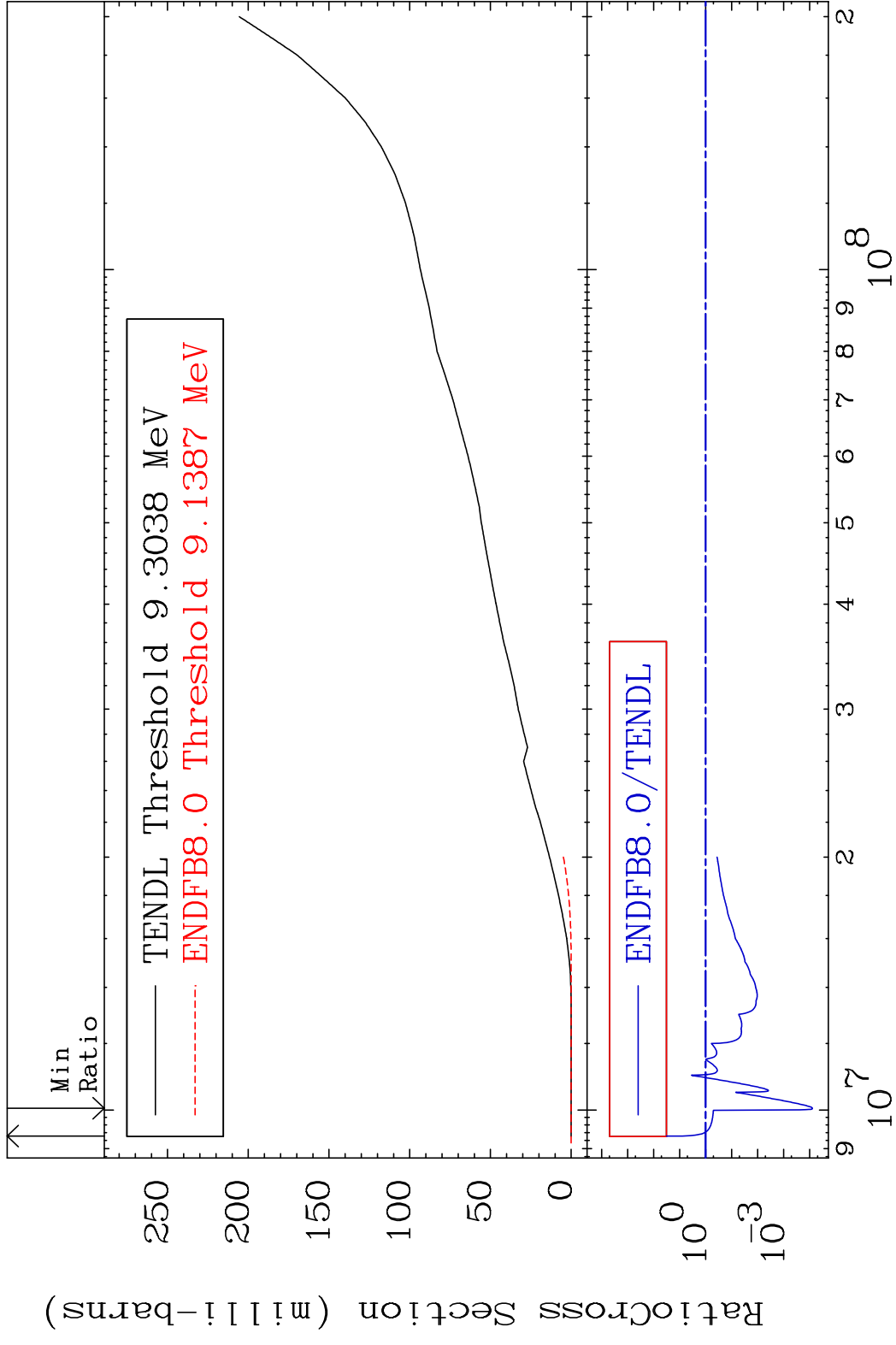
34-Se-80

MAT 3443

Deuterium Production

34-Se-80

Cross Section -99.99 To 684.8 %

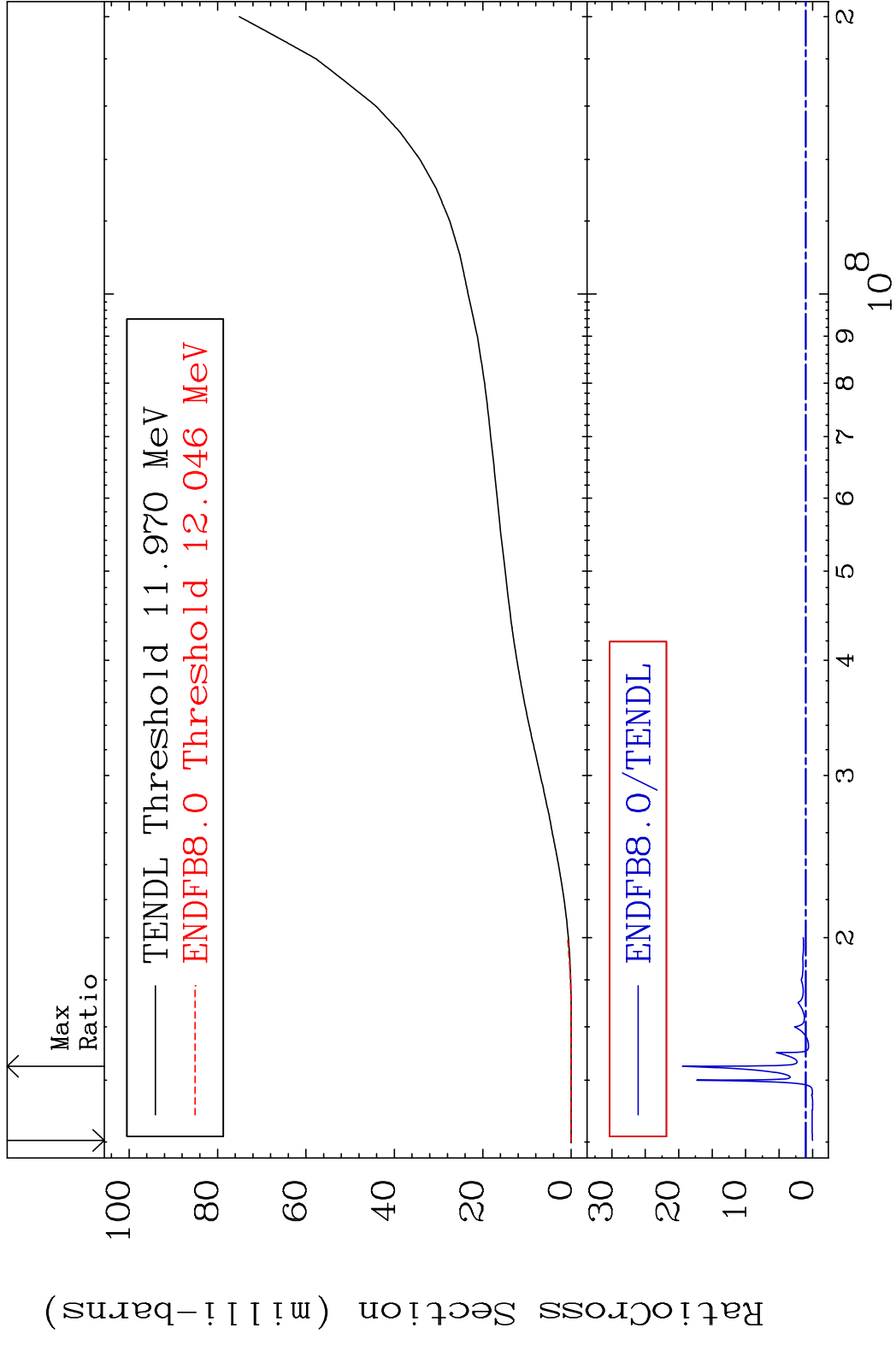


44

Incident Energy (eV)

34-Se-80

MAT 3443 Tritium Production 34-Se-80
 Cross Section -100.0 To 1846. %

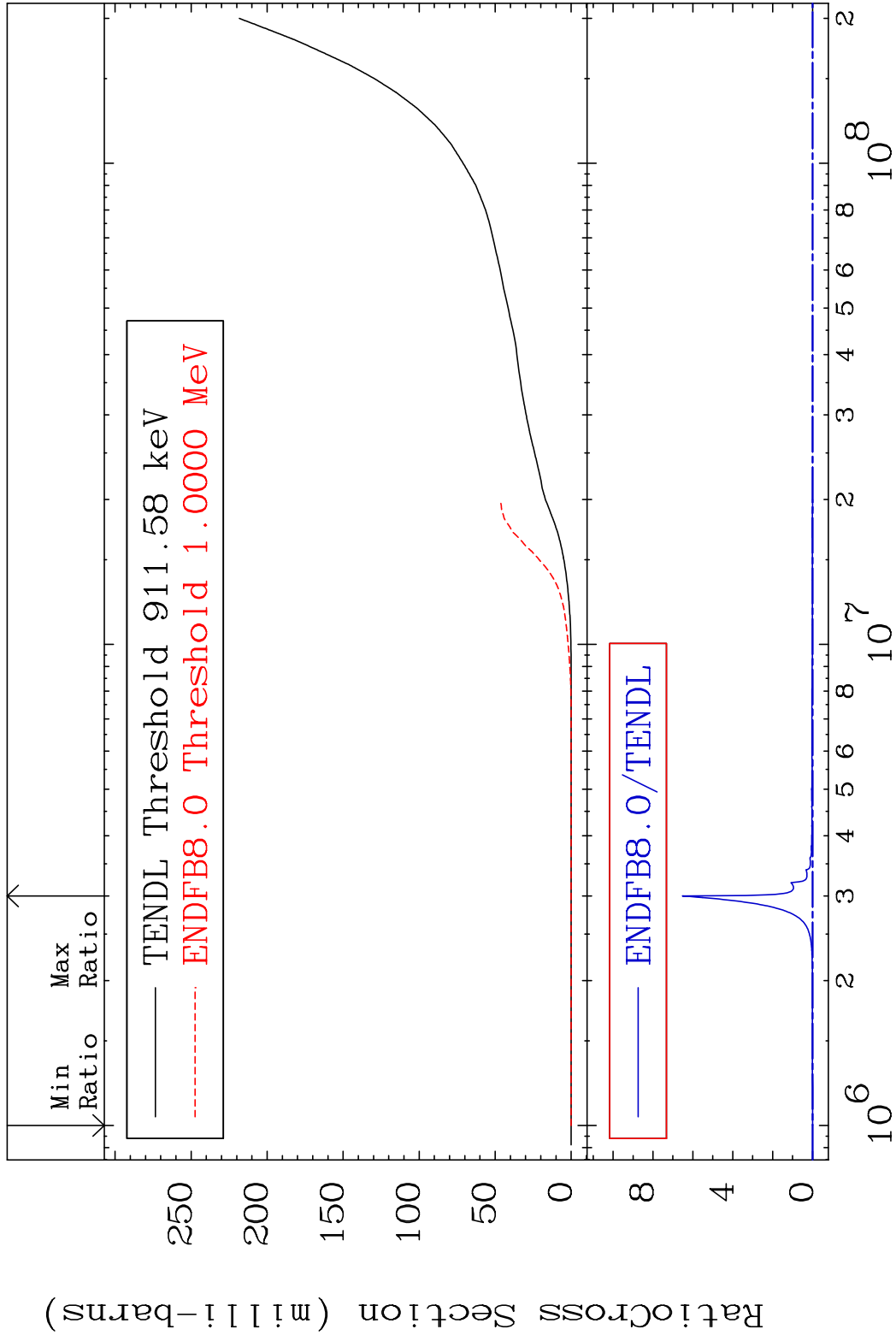


MAT 3443

He-4 Production

34-Se-80

Cross Section -100.0 To 9999. %

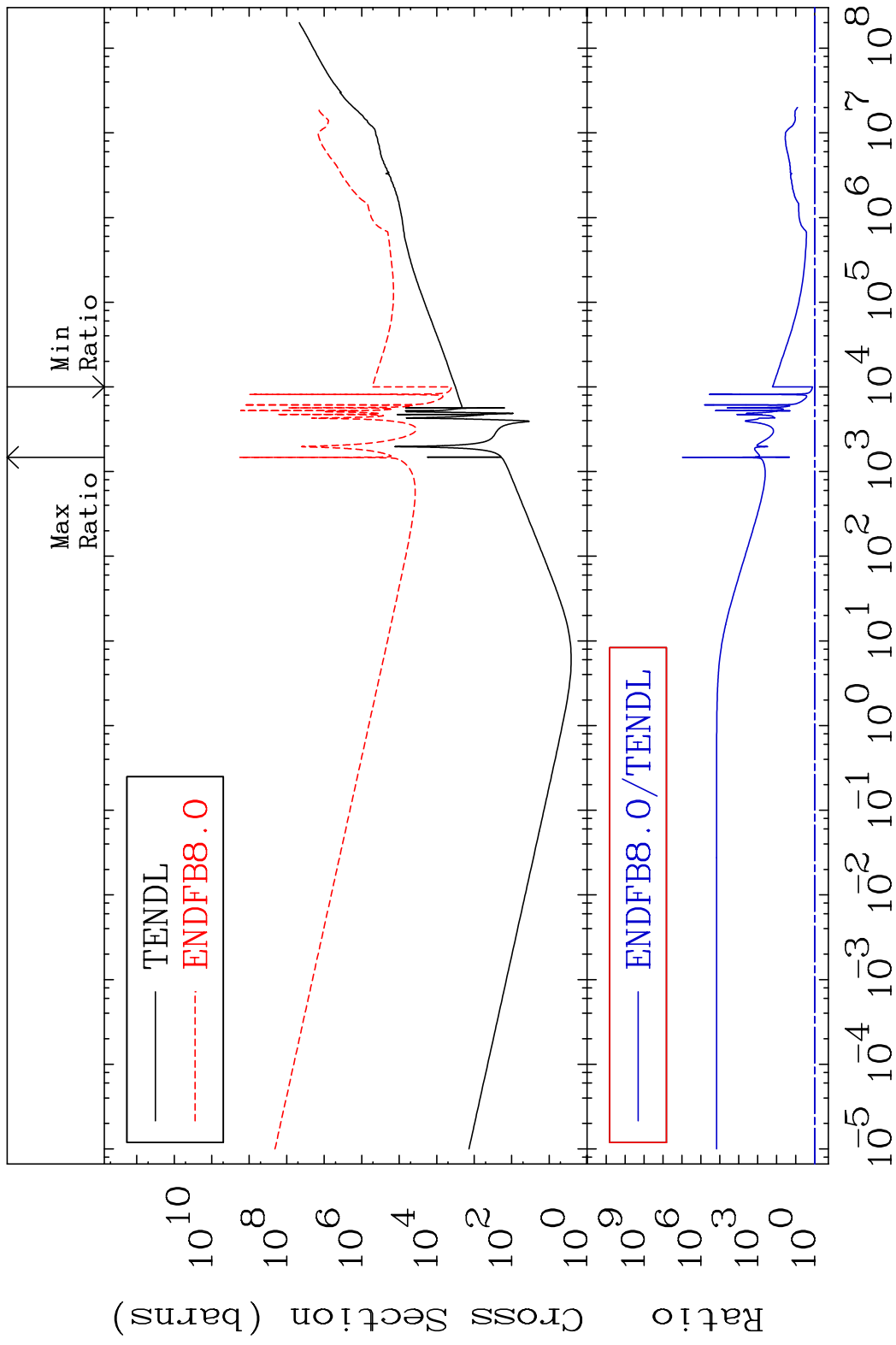


46

Incident Energy (eV)

34-Se-80

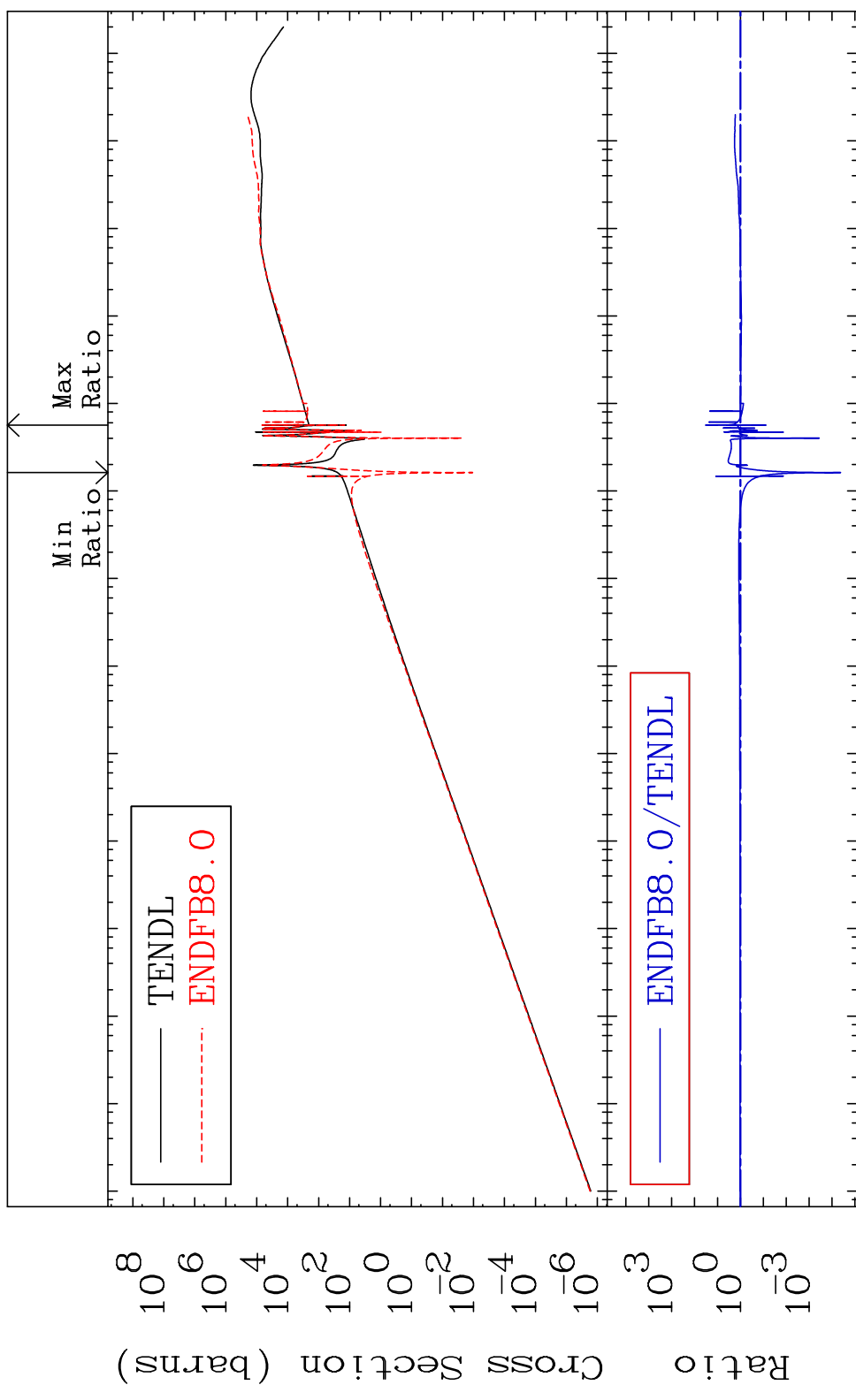
MAT 3443 Kerma total (eV-barns) 34-Se-80
 Cross Section 27.75 To 9999. %



47 Incident Energy (eV) 34-Se-80

MAT 3443

Kerma elastic Cross Section -100.0 To 3148. %
34-Se-80

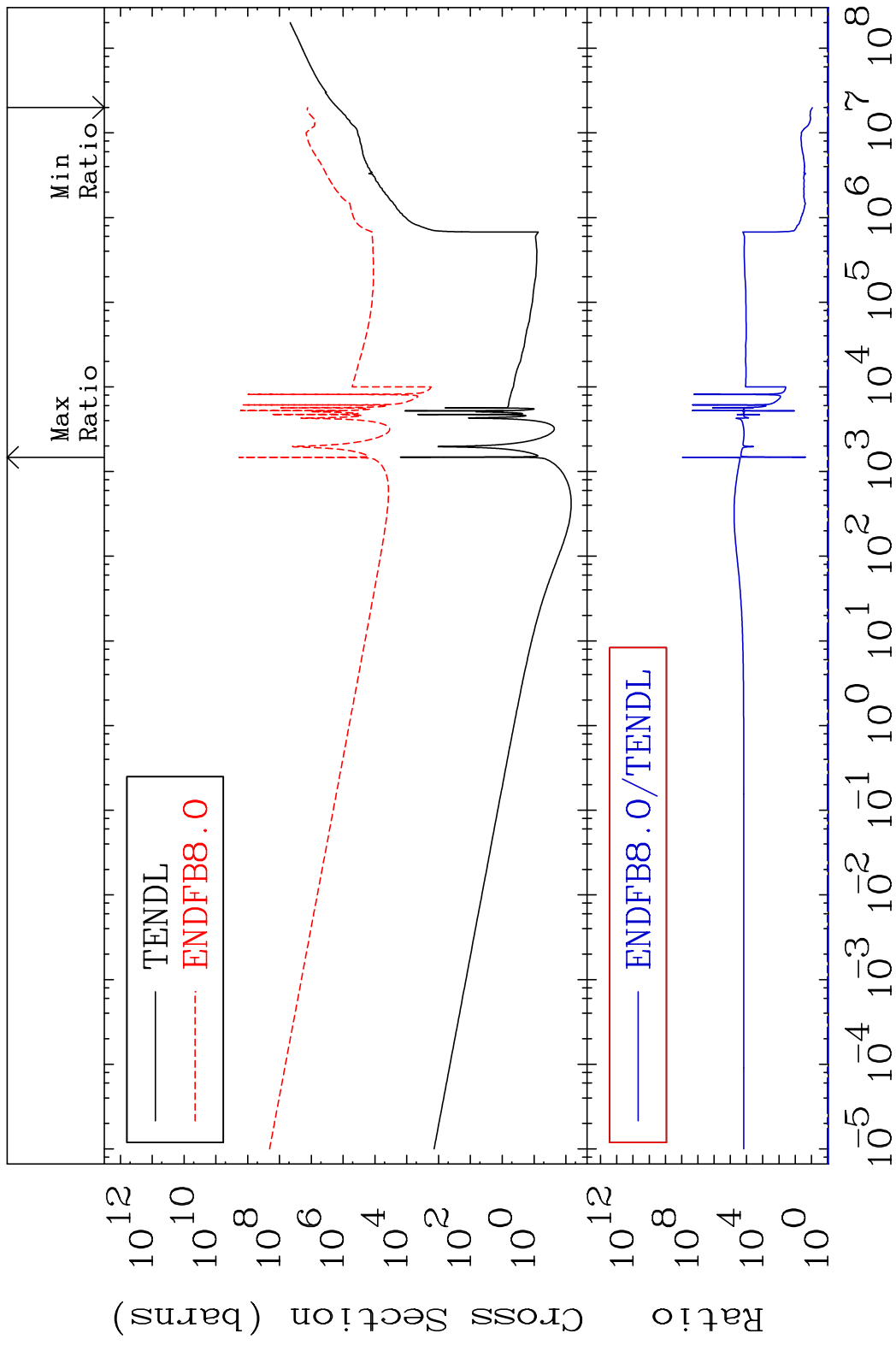


10⁸
10⁶
10⁴
10²
10⁰
10⁻²
10⁻⁴
10⁻⁶
10⁻⁸
Cross Section (barns)

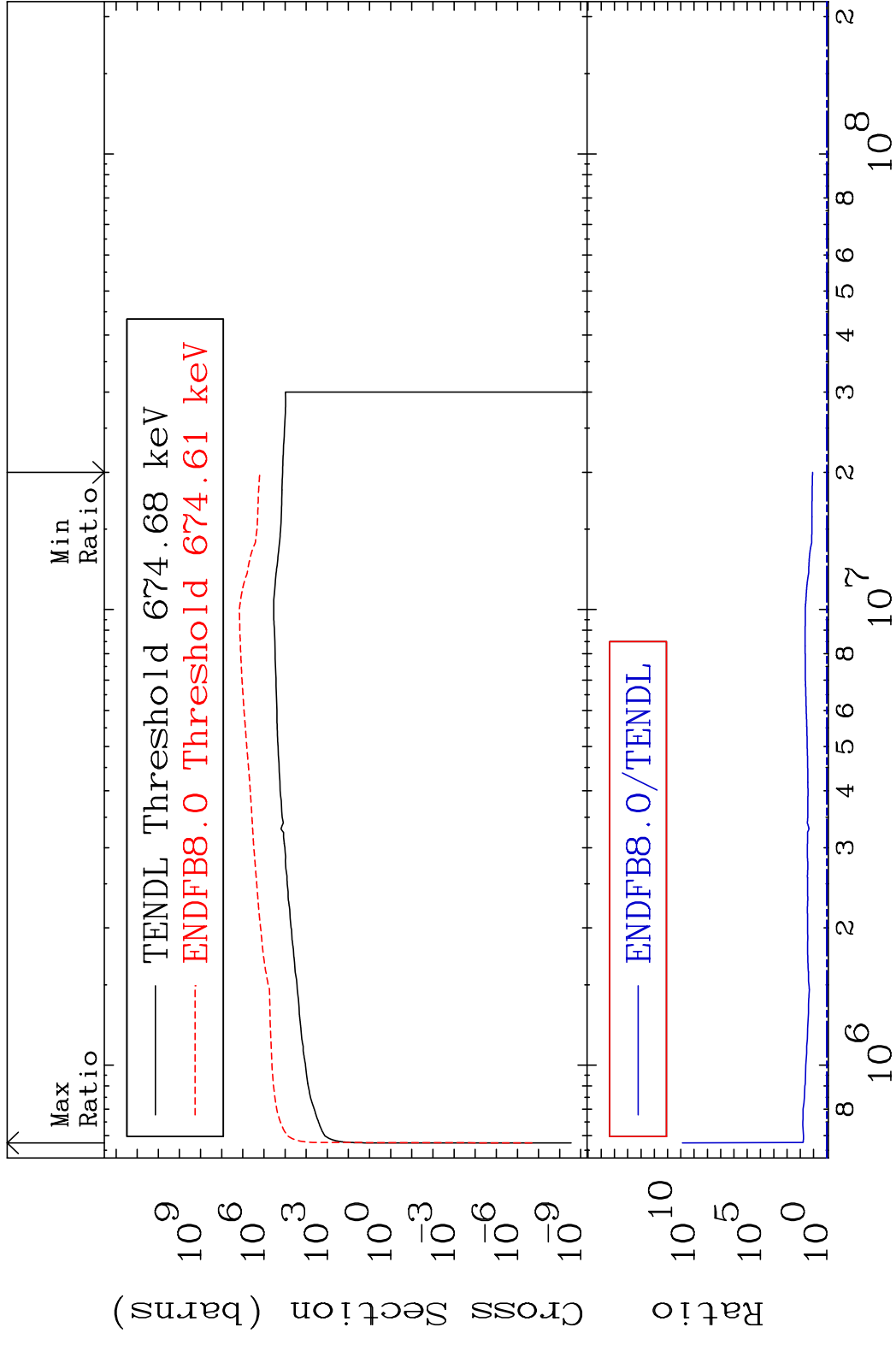
10³
10⁰
10⁻³
Ratio

10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
Incident Energy (eV)

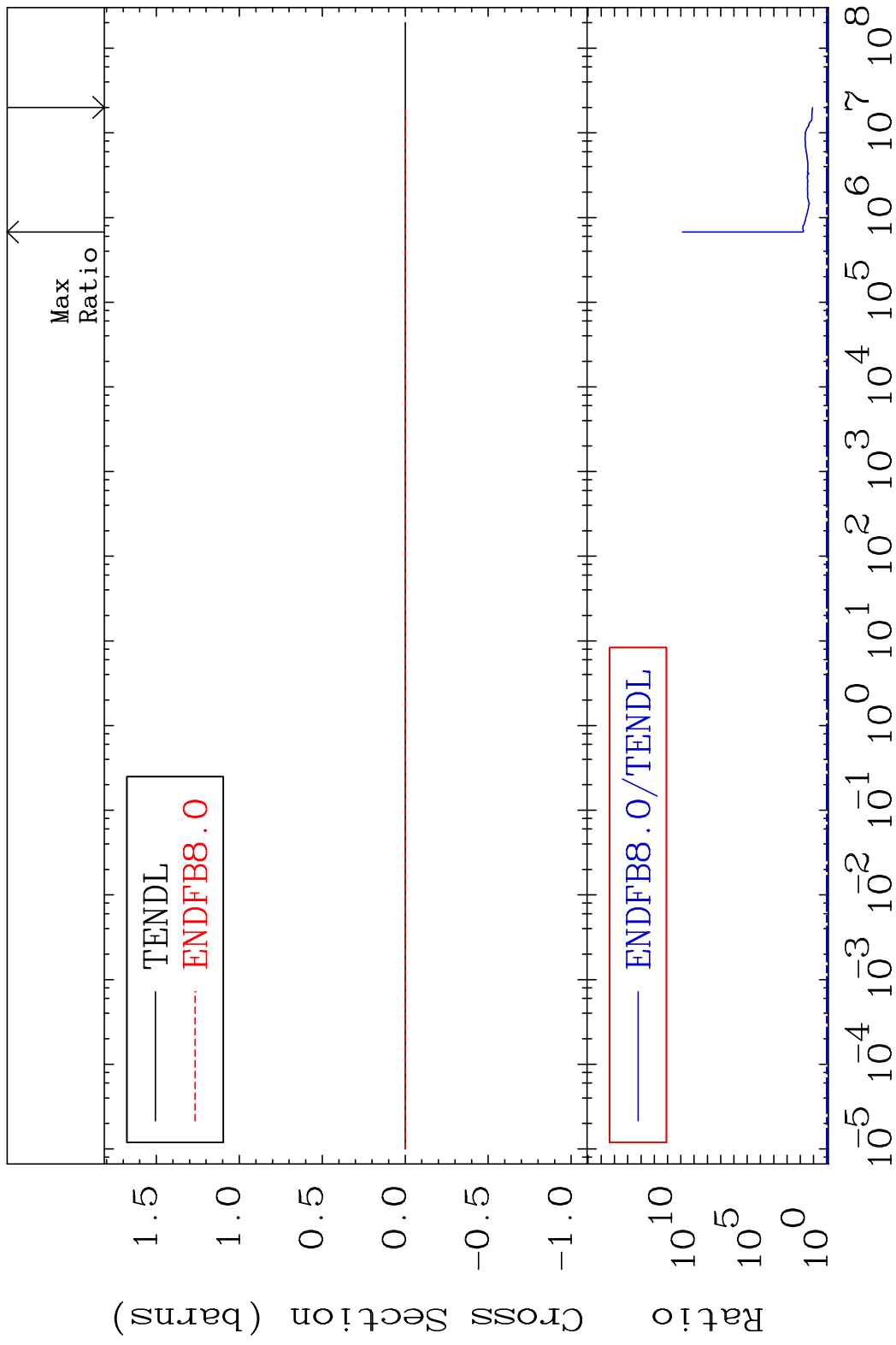
MAT 3443 Kerma non-elastic (all but mt2) 34-Se-80
 Cross Section 751.9 To 9999. %



MAT 3443 Kerma inelastic (mt51-91) 34-Se-80
 Cross Section 1089. To 9999. %

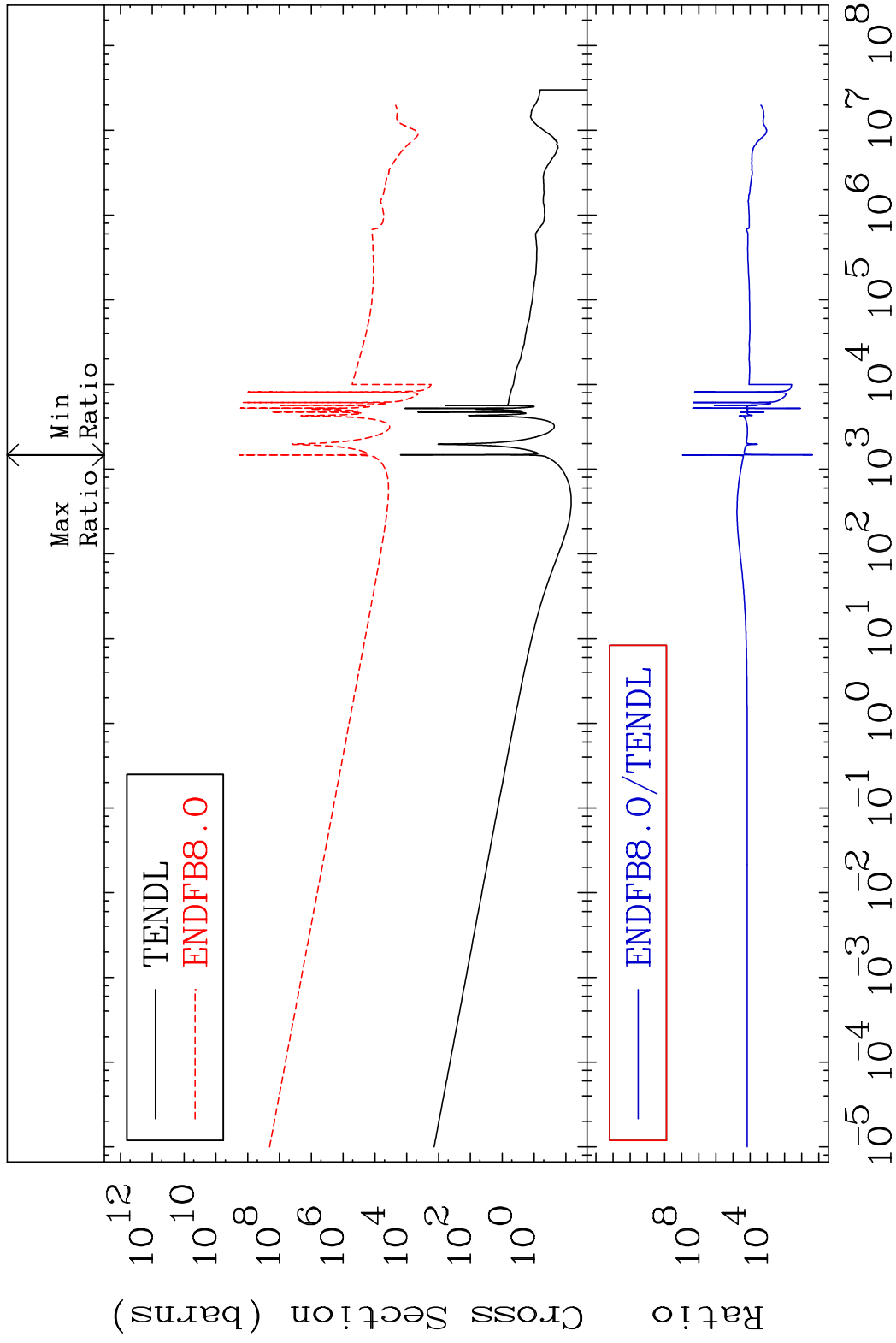


MAT 3443 Kerma fission (mt18 or mt19-20-21-38) 34-^{Se}-80
 Cross Section 1089. To 9999. %



MAT 3443

Kerma capture (mt102) 34-Se-80
Cross Section 2193. To 9999. %

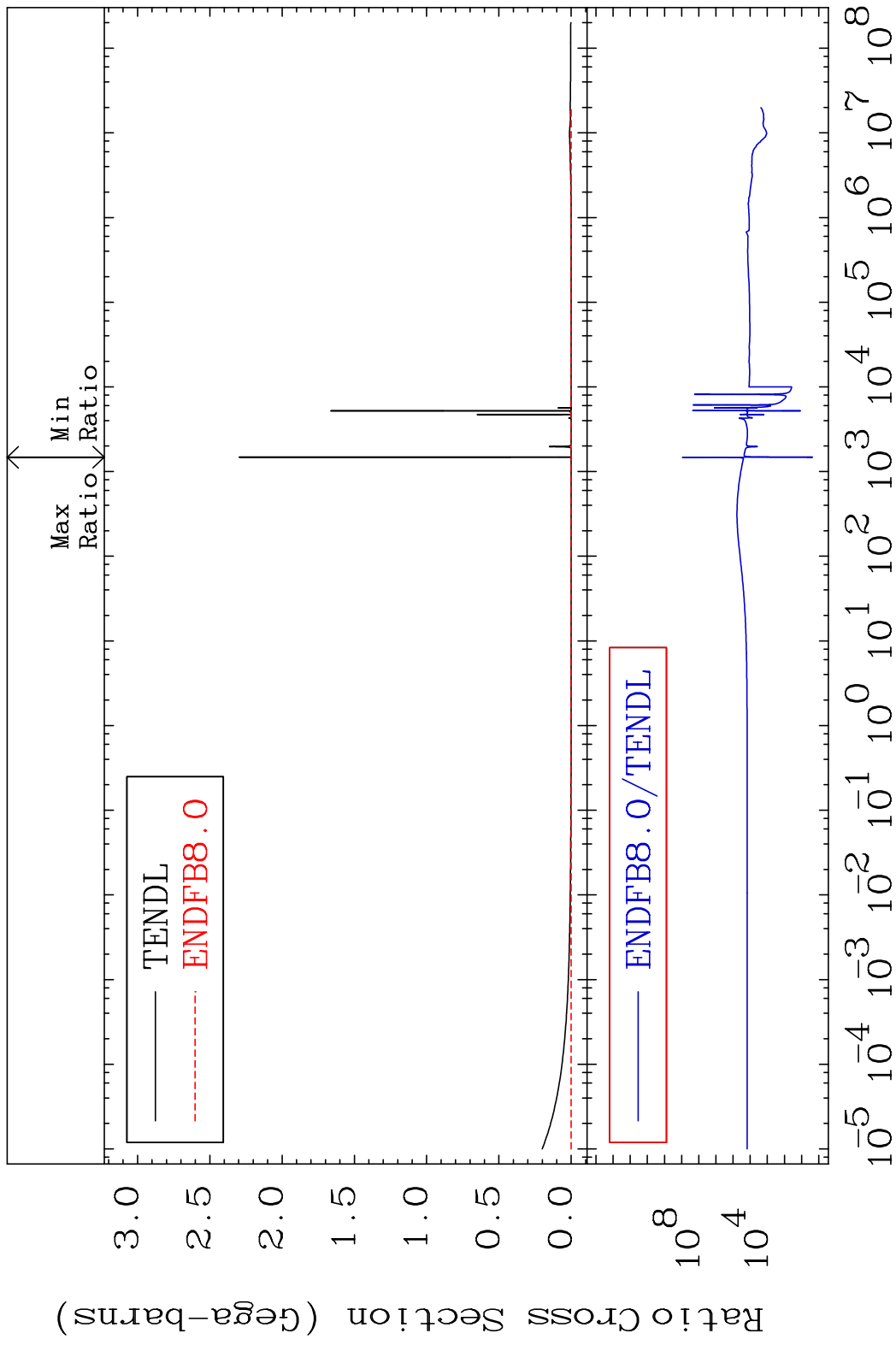


52

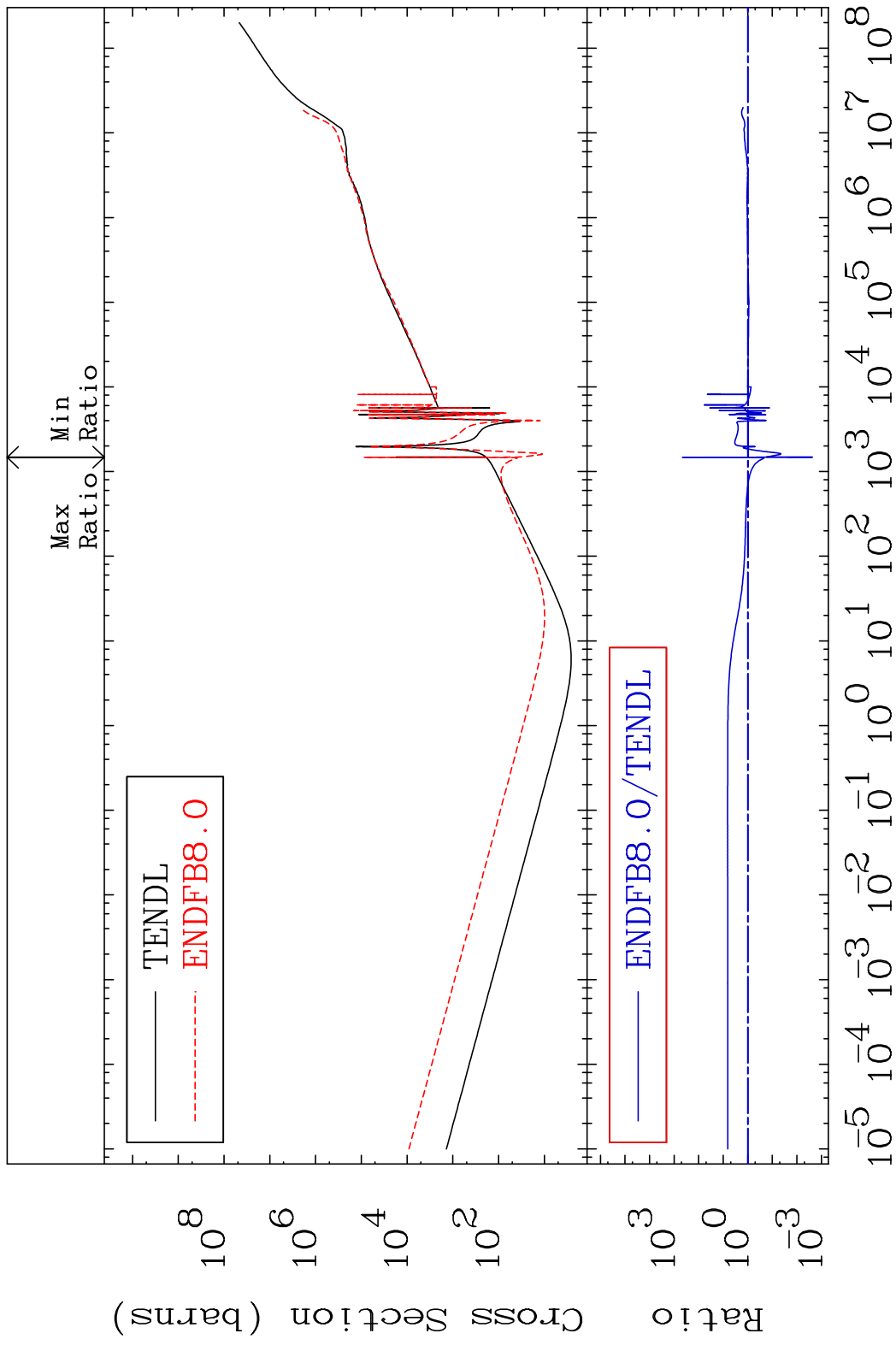
Incident Energy (eV)

34-Se-80

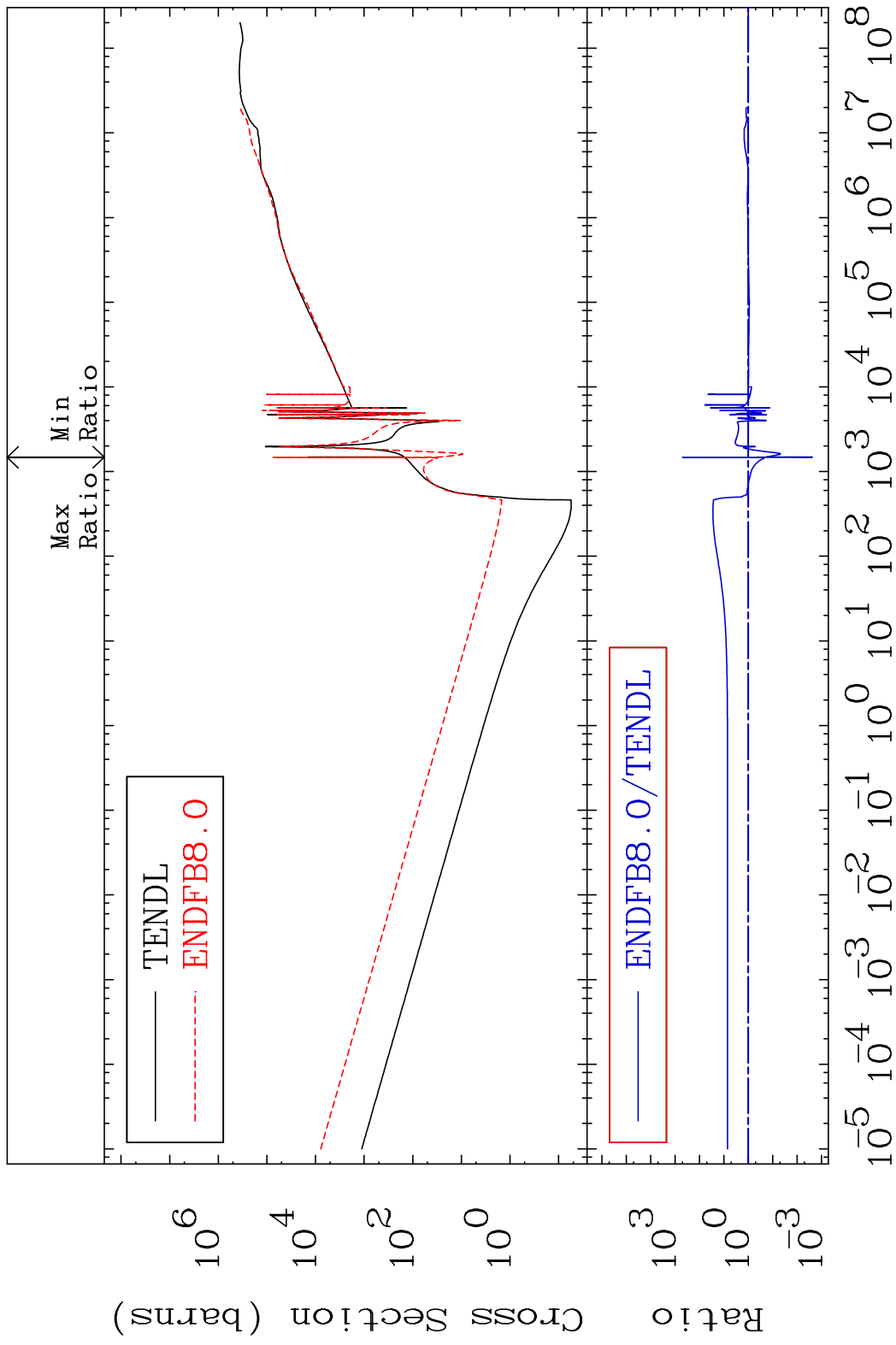
MAT 3443 Total photon (eV-barns) 34-Se-80
 Cross Section 2193. To 9999. %



MAT 3443 Total kinematic kerma (high limit) 34-Se-80
 Cross Section -99.77 To 9999. %



MAT 3443 Dpa total (eV-barns) 34-Se-80
 Cross Section -99.777 To 9999. %



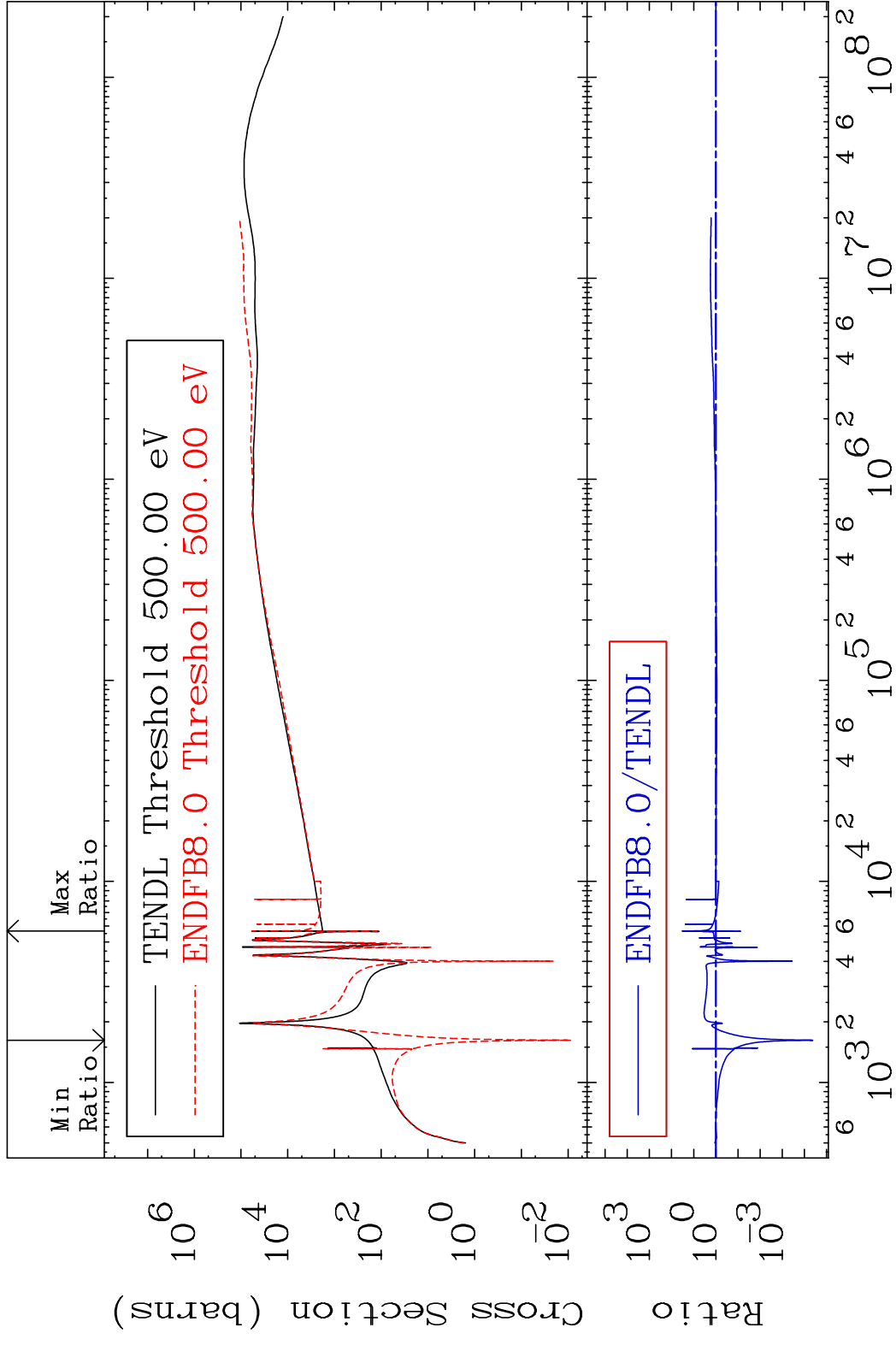
55 Incident Energy (eV) 34-Se-80

MAT 3443

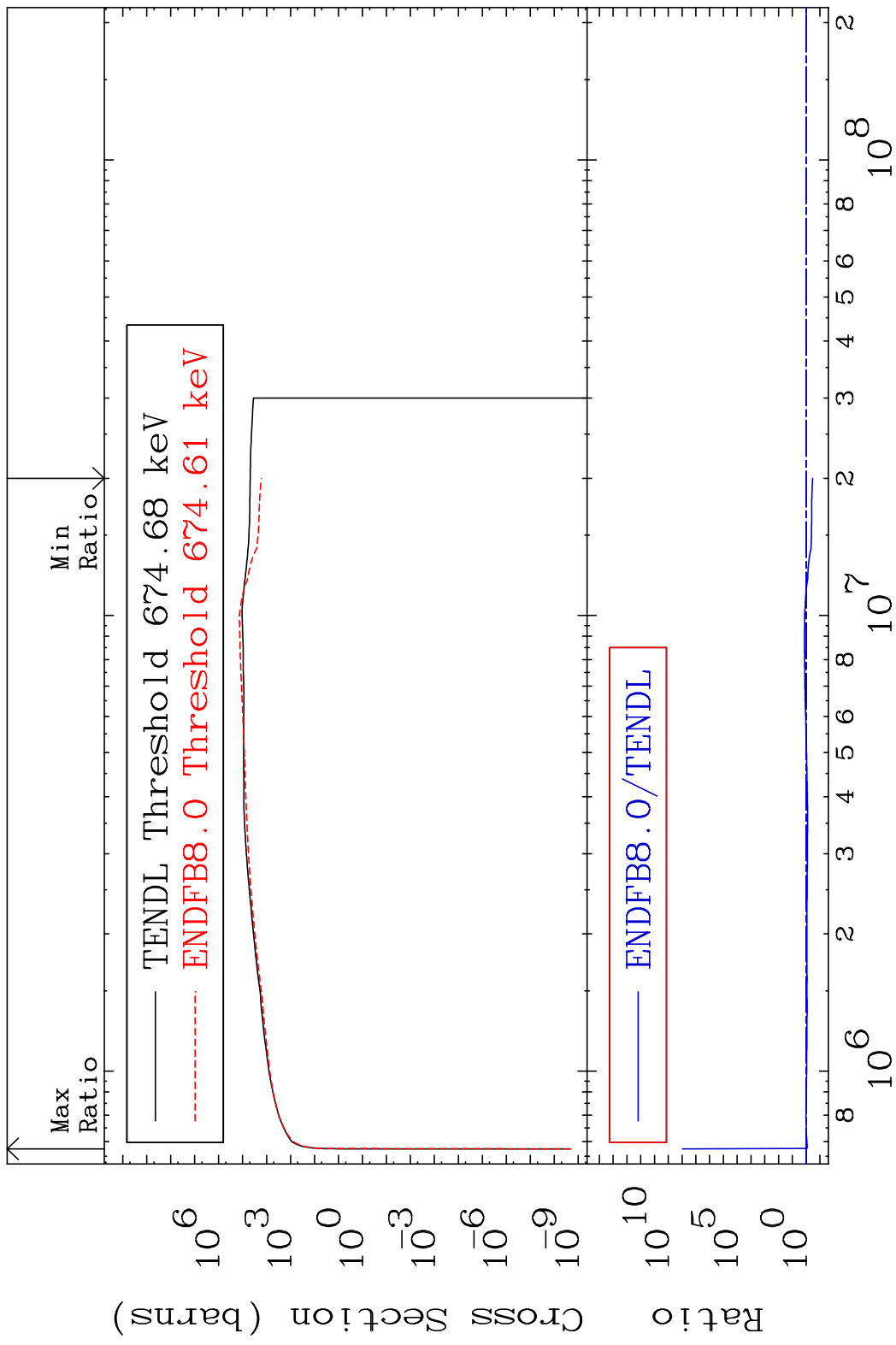
Dpa elastic (mt2)

34-Se-80

Cross Section -100.0 To 3149. %



MAT 3443 Dpa inelastic (mt51-91) 34-Se-80
 Cross Section -65.45 To 9999. %



MAT 3443 Dpa disappearance (mt102 -120) 34-Se-80
 Cross Section -99.89 To 9999. %

