

Program Complot
(Version 2021-1)

by

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U.S.A.

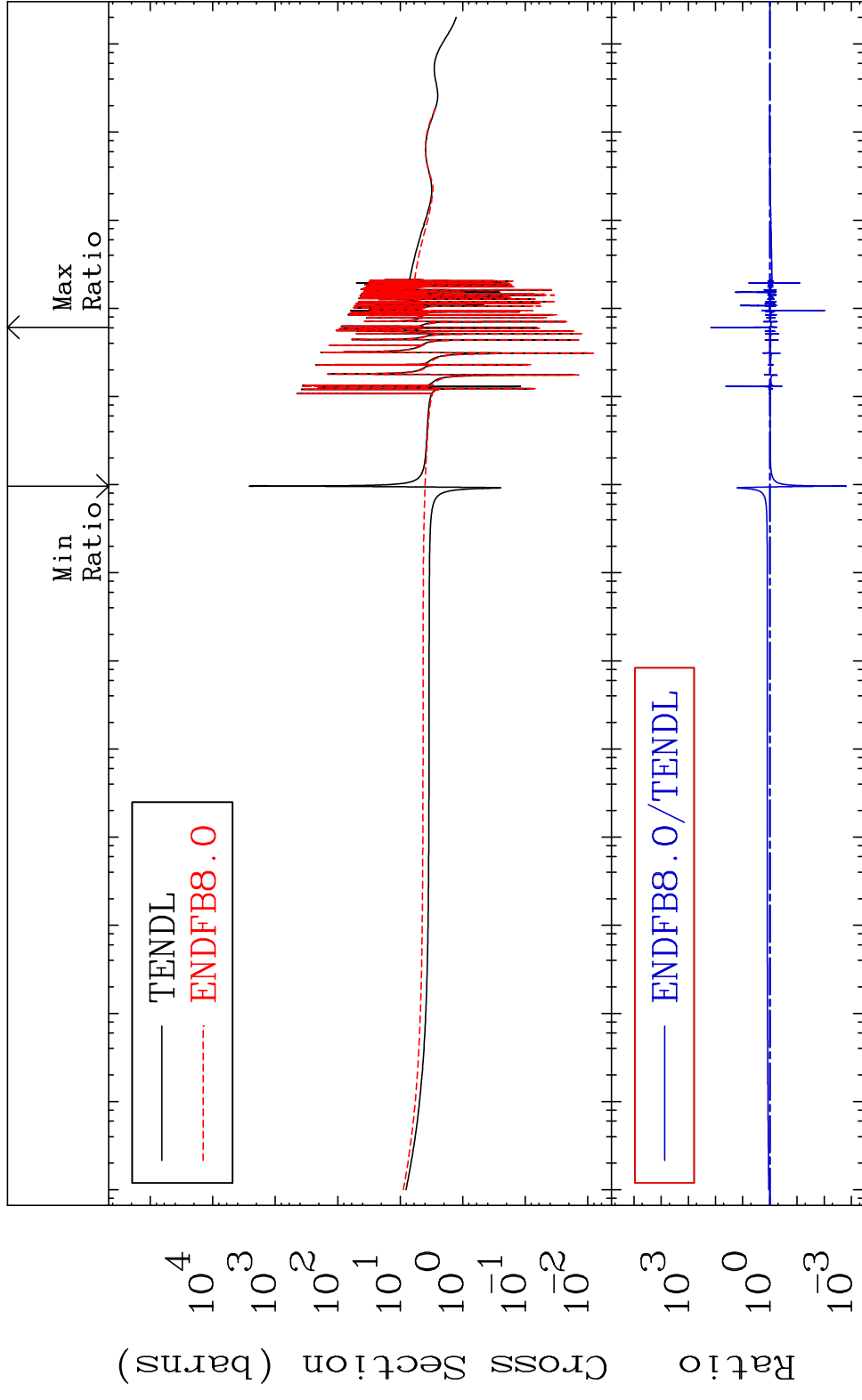
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 3043

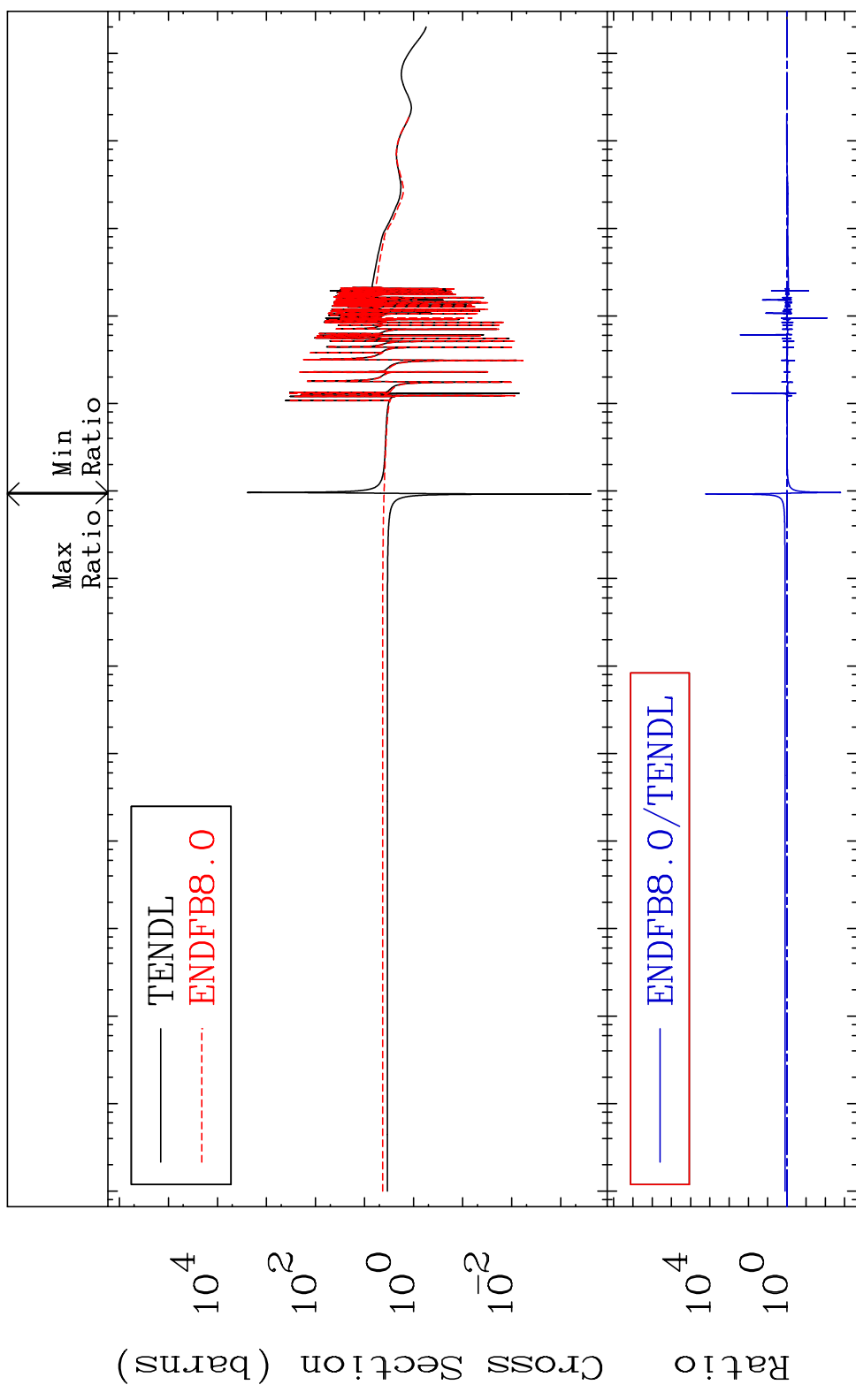
Total Cross Section -99.85 To 9999. %
30-Zn-70



1 Incident Energy (eV) 30-Zn-70

MAT 3043

Elastic Cross Section -99.84 To 9999. % 30-Zn-70



Ratio

10⁴

10⁰

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

Incident Energy (eV)

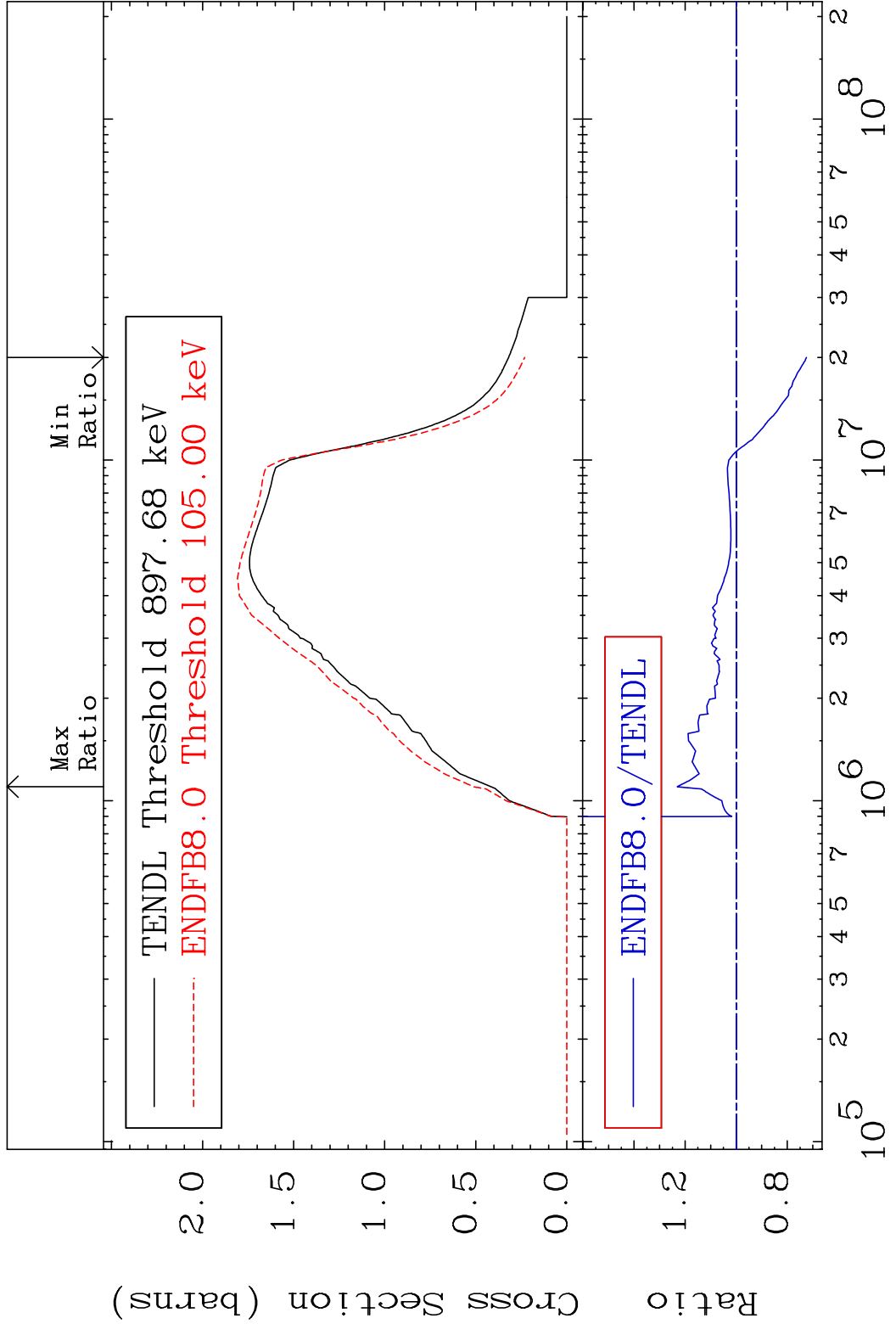
2 30-Zn-70

MAT 3043

Inelastic

30-Zn-70

Cross Section -27.50 To 23.12 %



30-Zn-70

Incident Energy (eV)

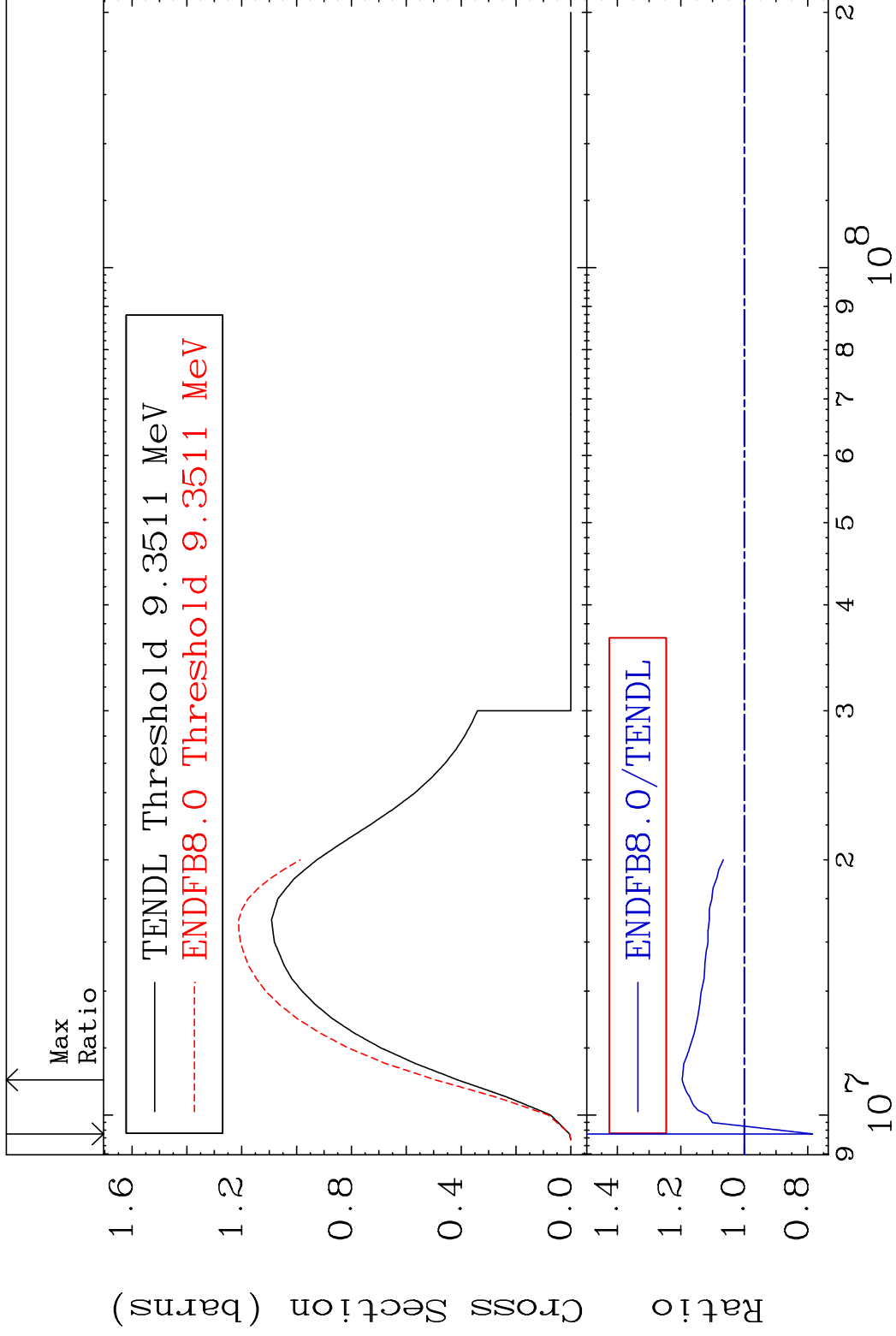
3

MAT 3043

(n,2n)

30-Zn-70

Cross Section -21.53 To 19.59 %



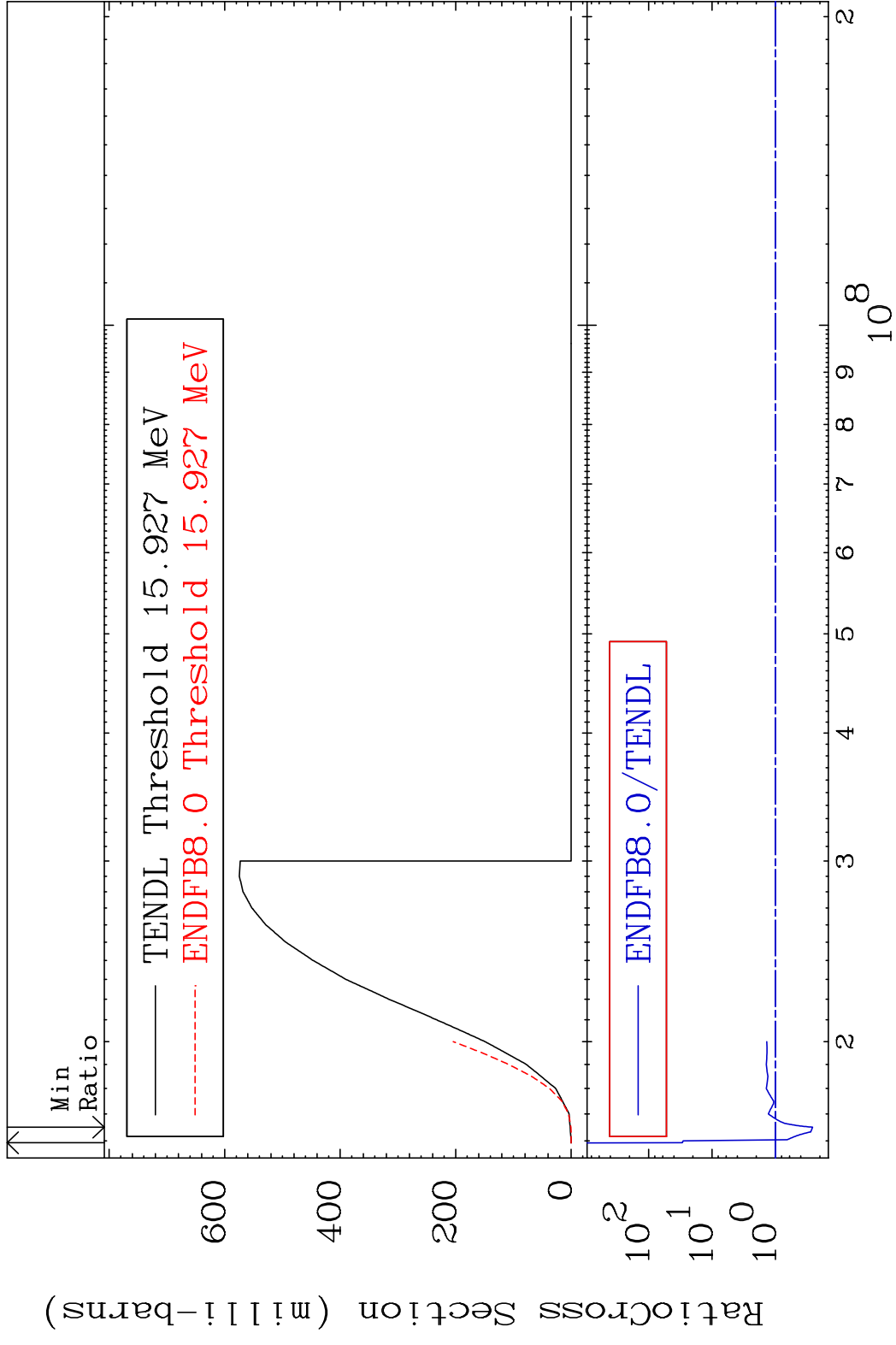
30-Zn-70

MAT 3043

(n,3n)

30-Zn-70

Cross Section -73.96 To 2837. %



5

Incident Energy (eV)

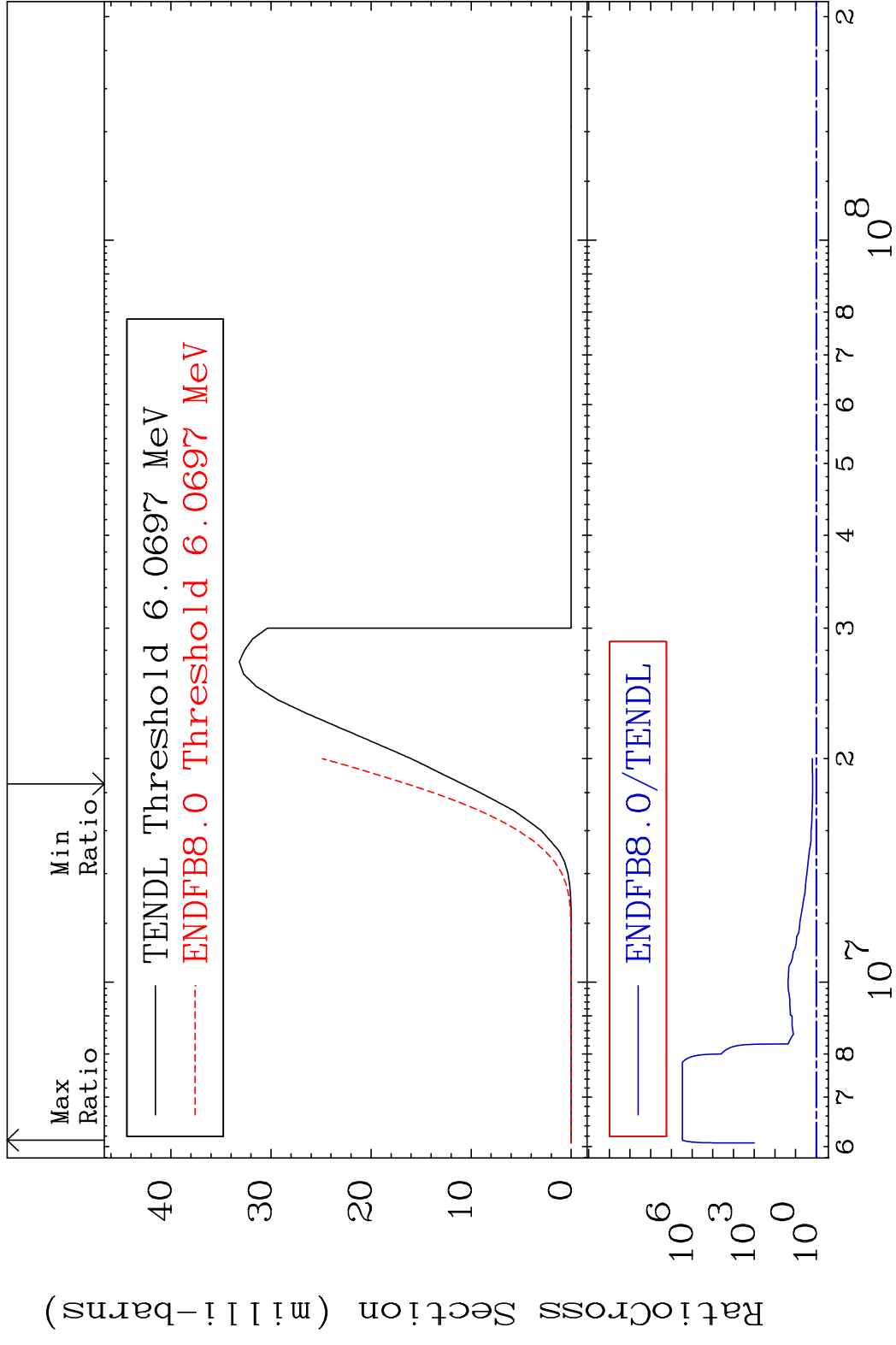
30-Zn-70

MAT 3043

(n, n') α

30-Zn-70

Cross Section 51.03 To 9999. %



6

Incident Energy (eV)

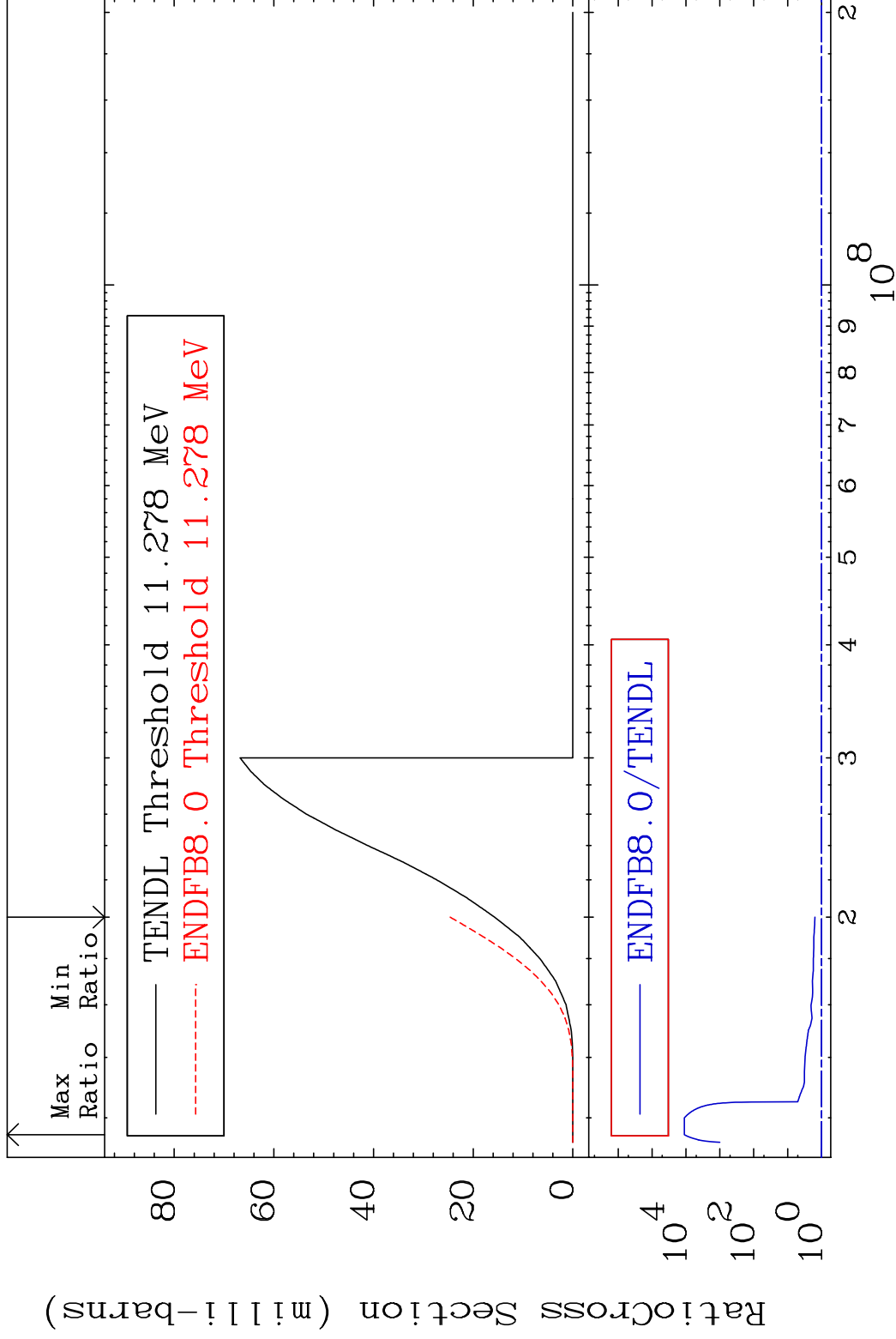
30-Zn-70

MAT 3043

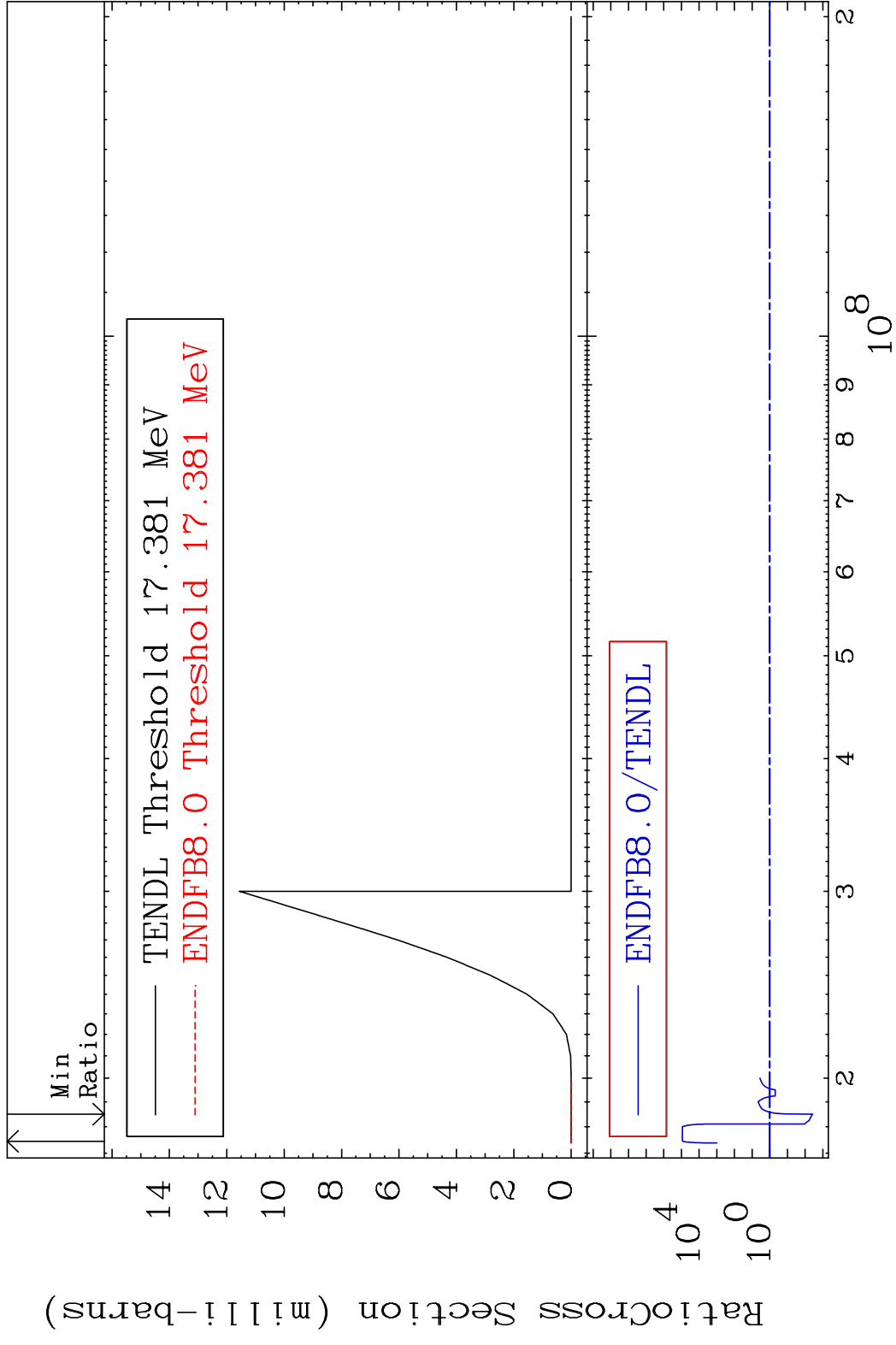
(n, n') p

30-Zn-70

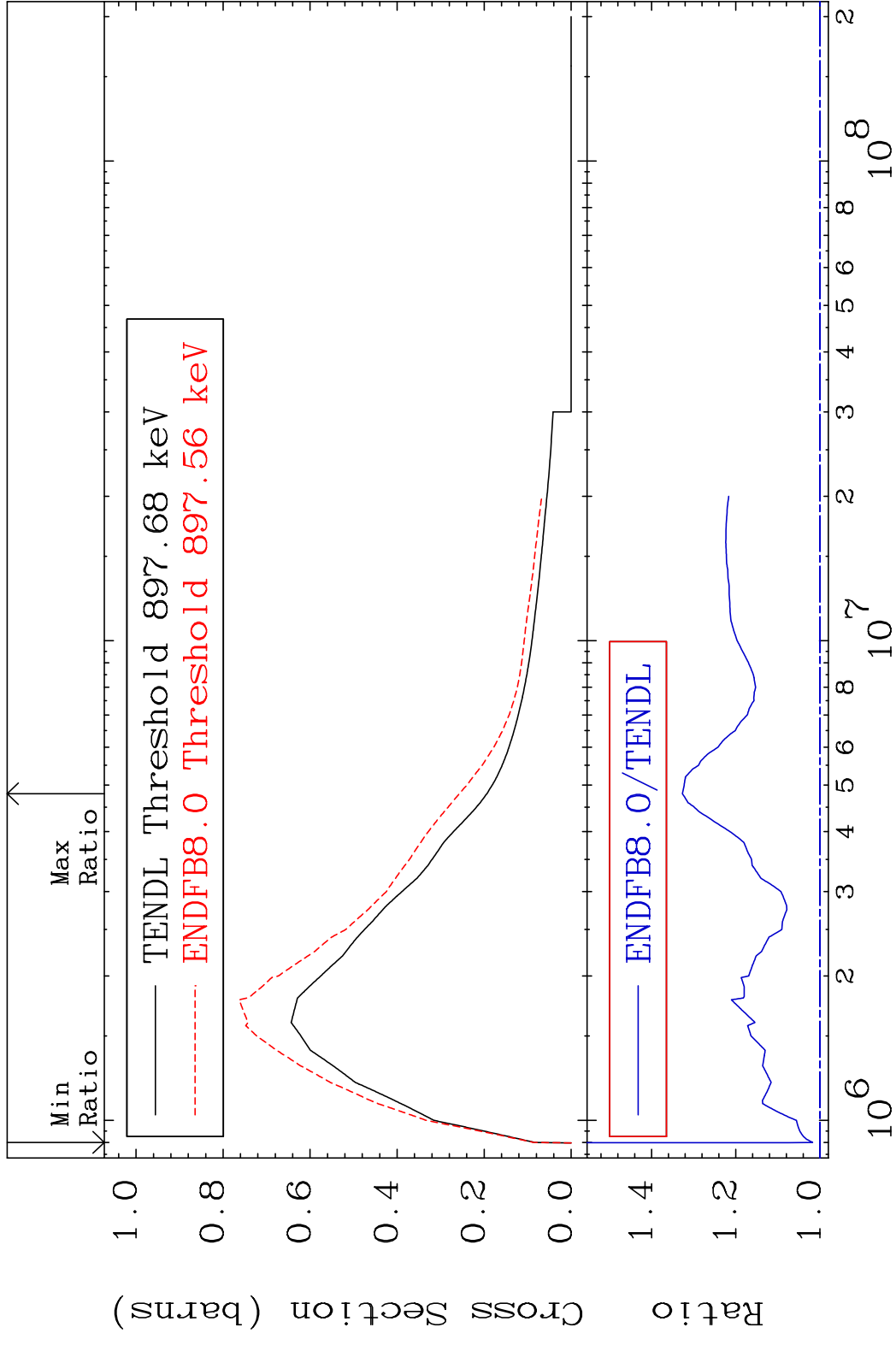
Cross Section 56.85 To 9999. %



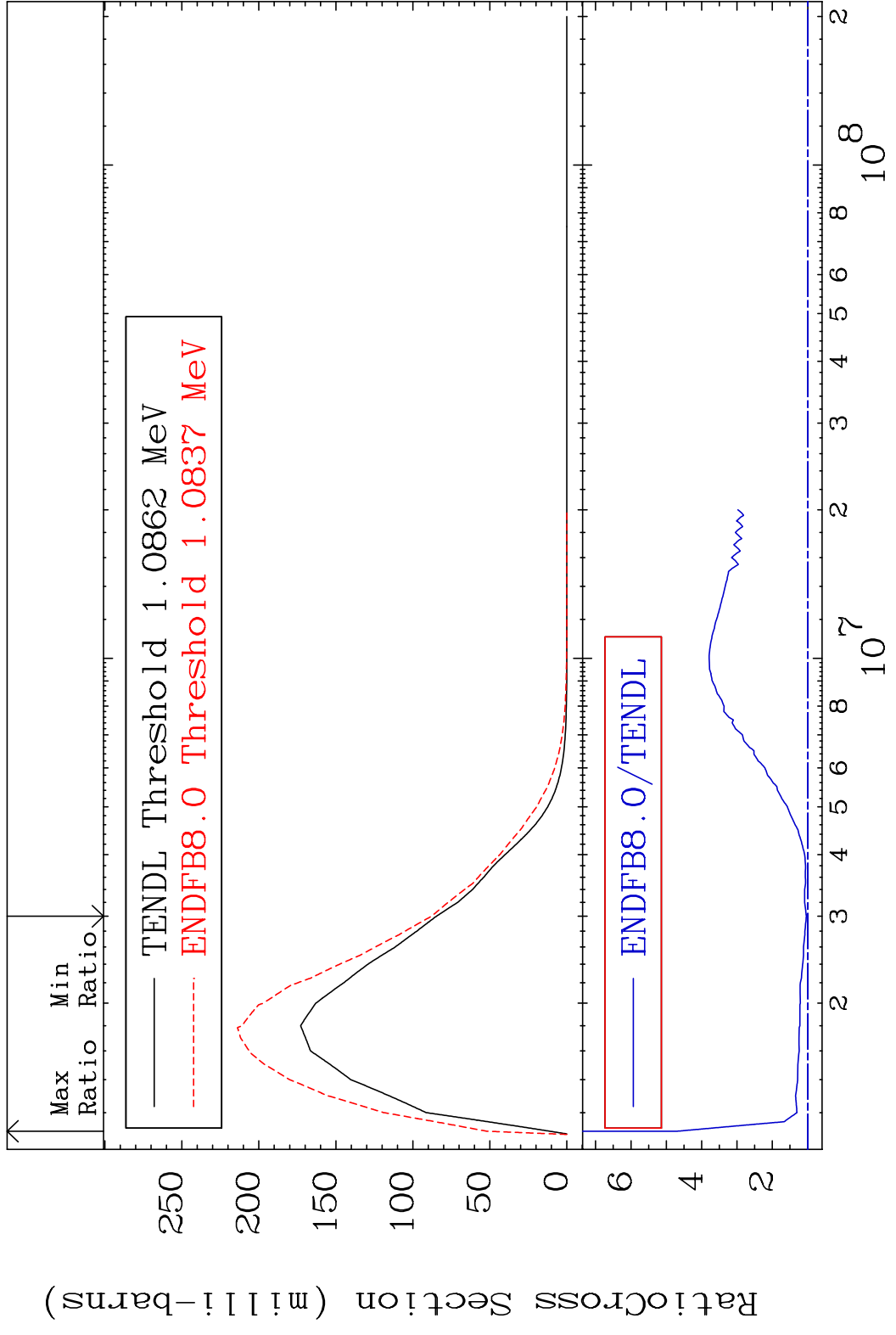
MAT 3043 (n, n') d 30-Zn-70
 Cross Section -99.62 To 9999. %



MAT 3043 MT= 51 (n, n') Level 30-Zn-70
 Cross Section 1.768 To 32.68 %

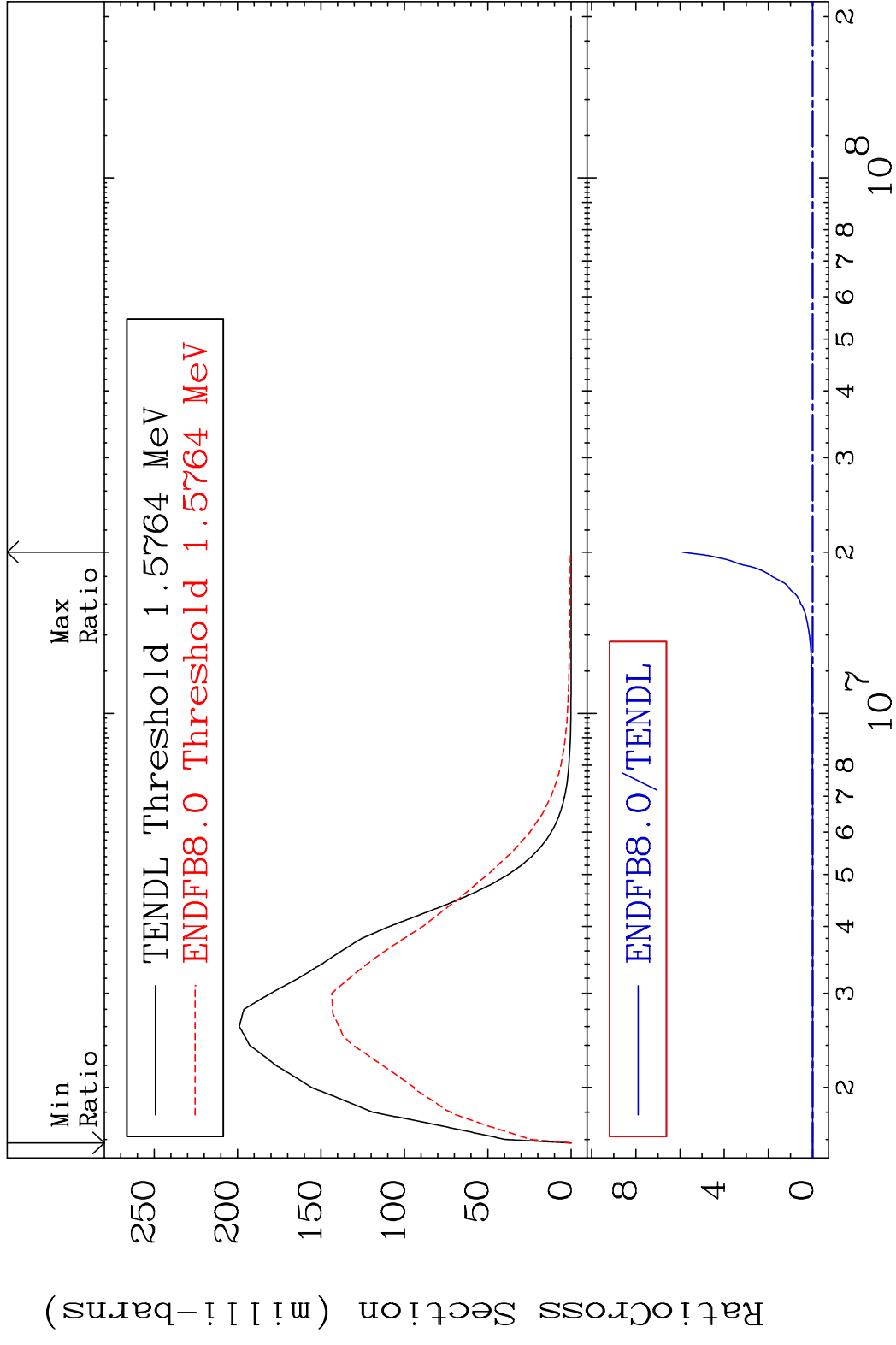


MAT 3043 MT= 52 (n, n') Level 30-Zn-70
 Cross Section 3.693 To 369.2 %

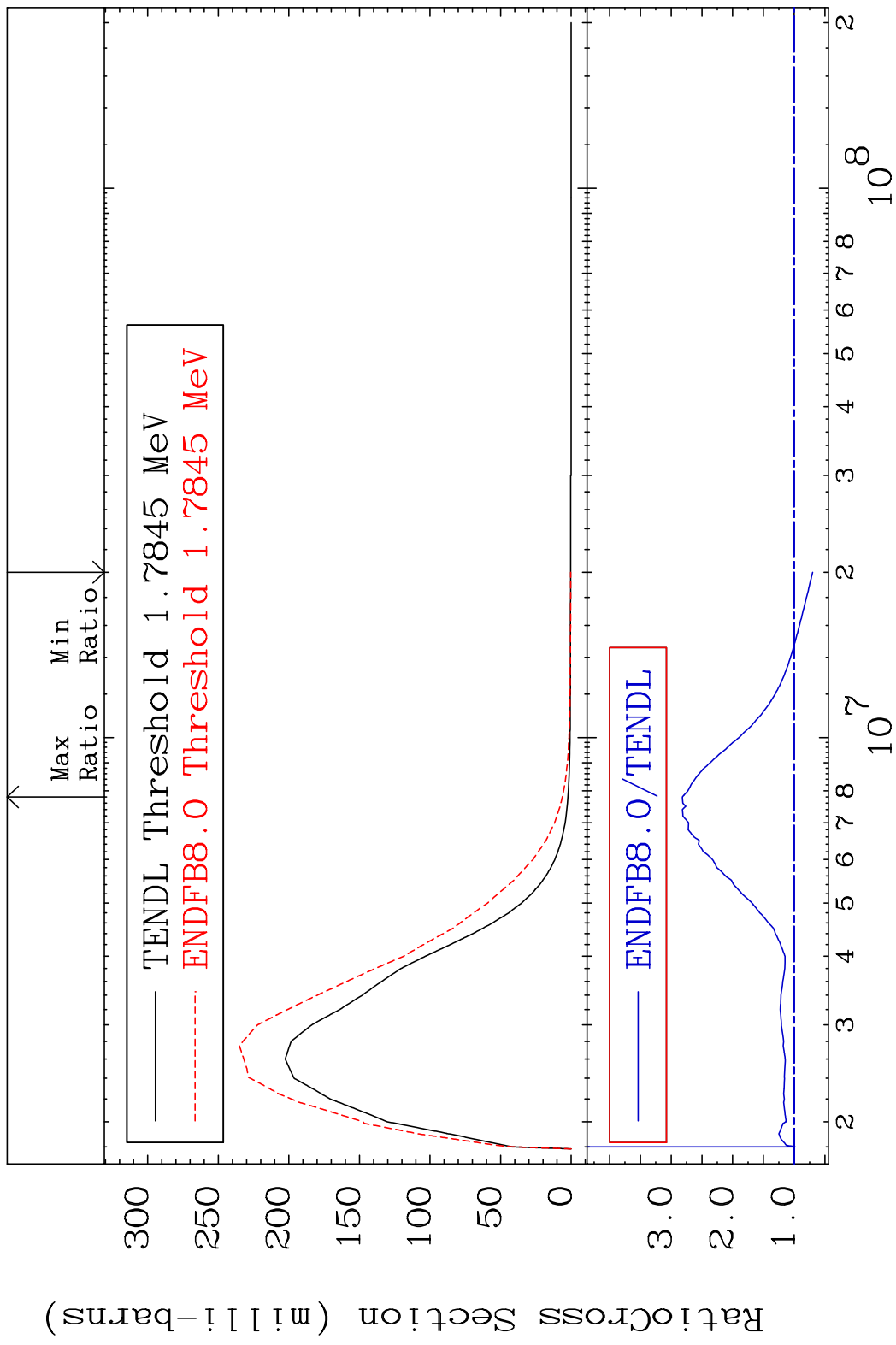


10 Incident Energy (eV) 30-Zn-70

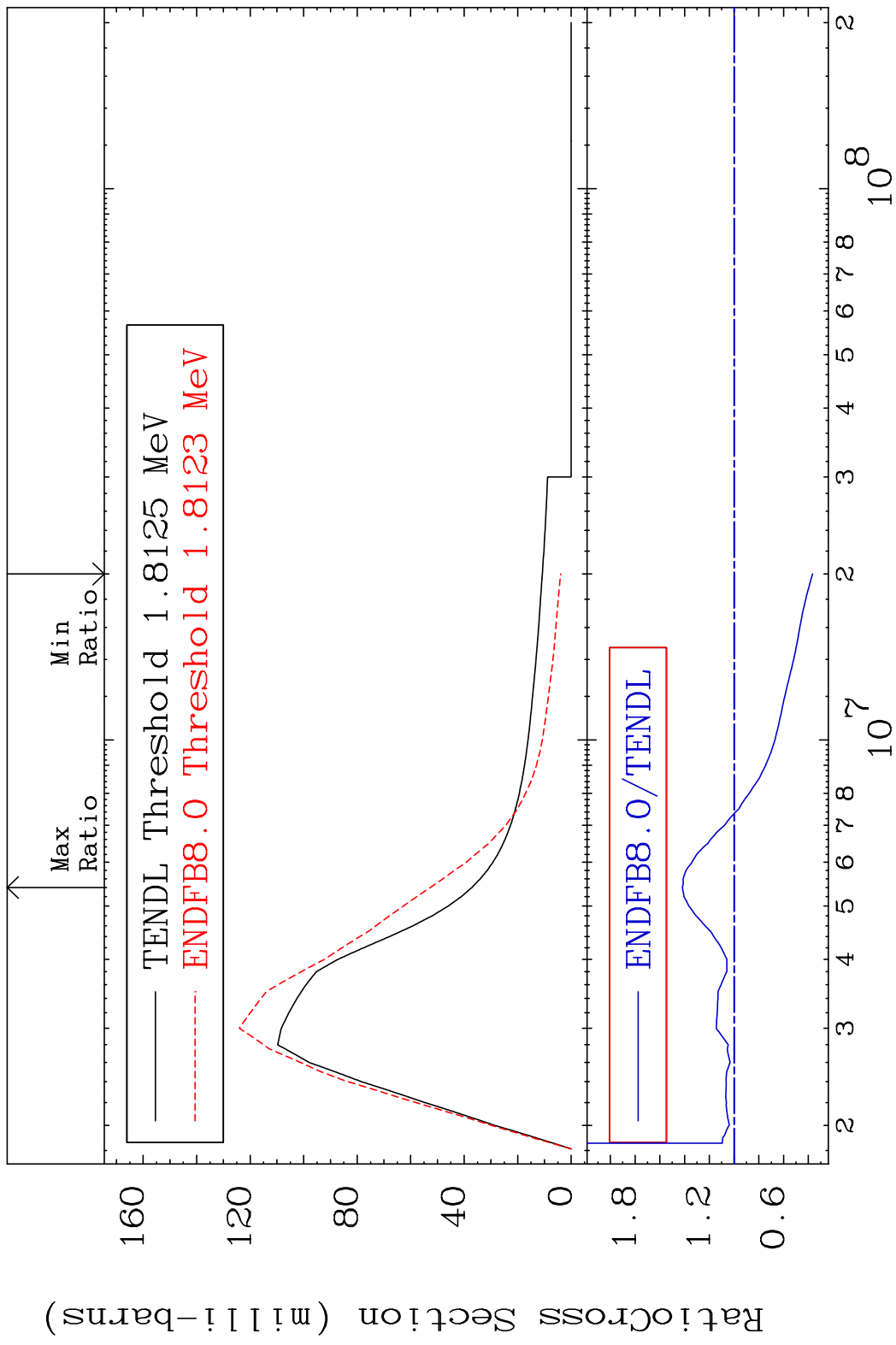
MAT 3043 MT= 53 (n, n') Level 30-Zn-70
 Cross Section -100.0 To 9999. %



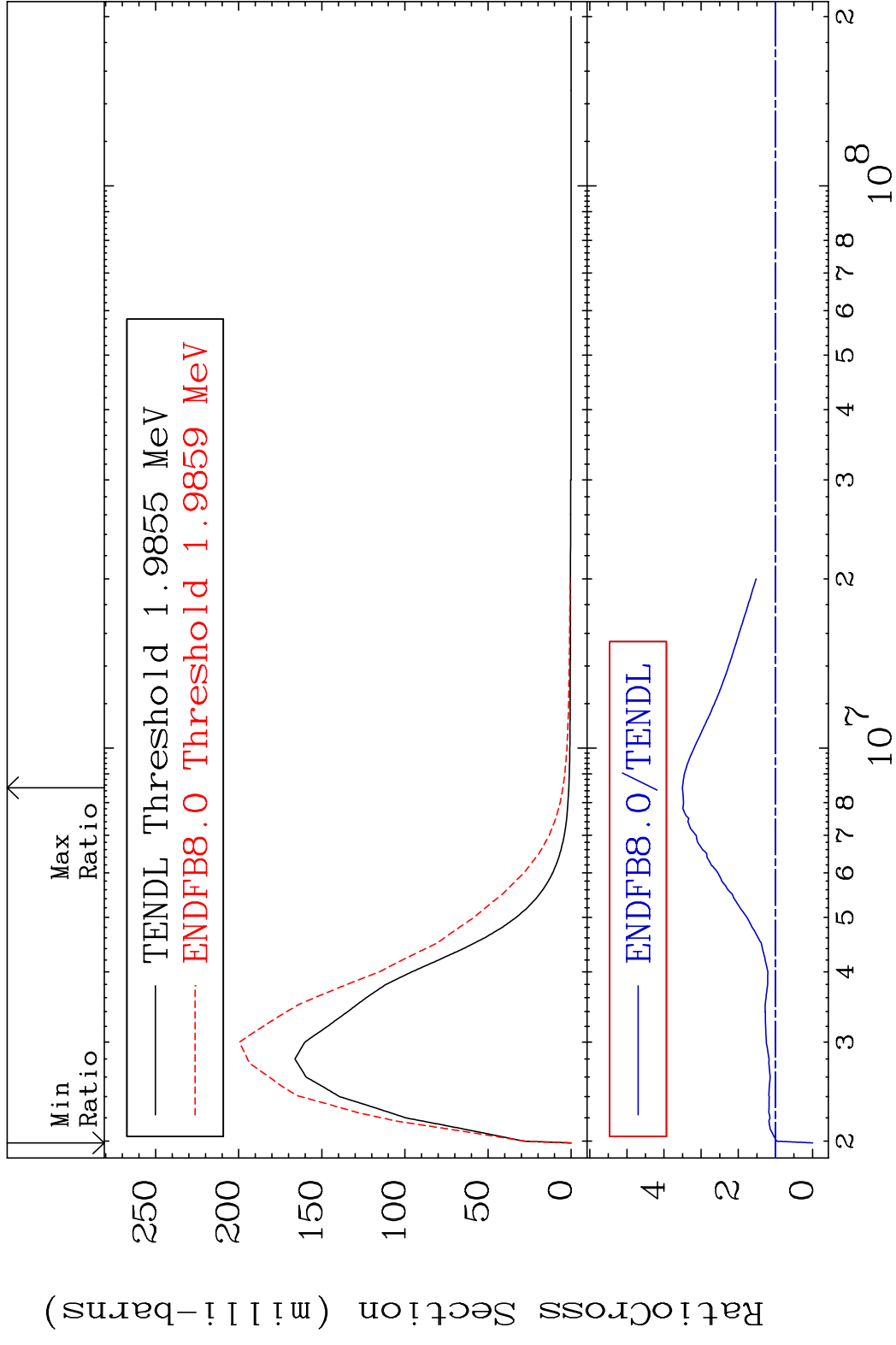
MAT 3043 MT= 54 (n, n') Level 30-Zn-70
 Cross Section -29.84 To 181.8 %



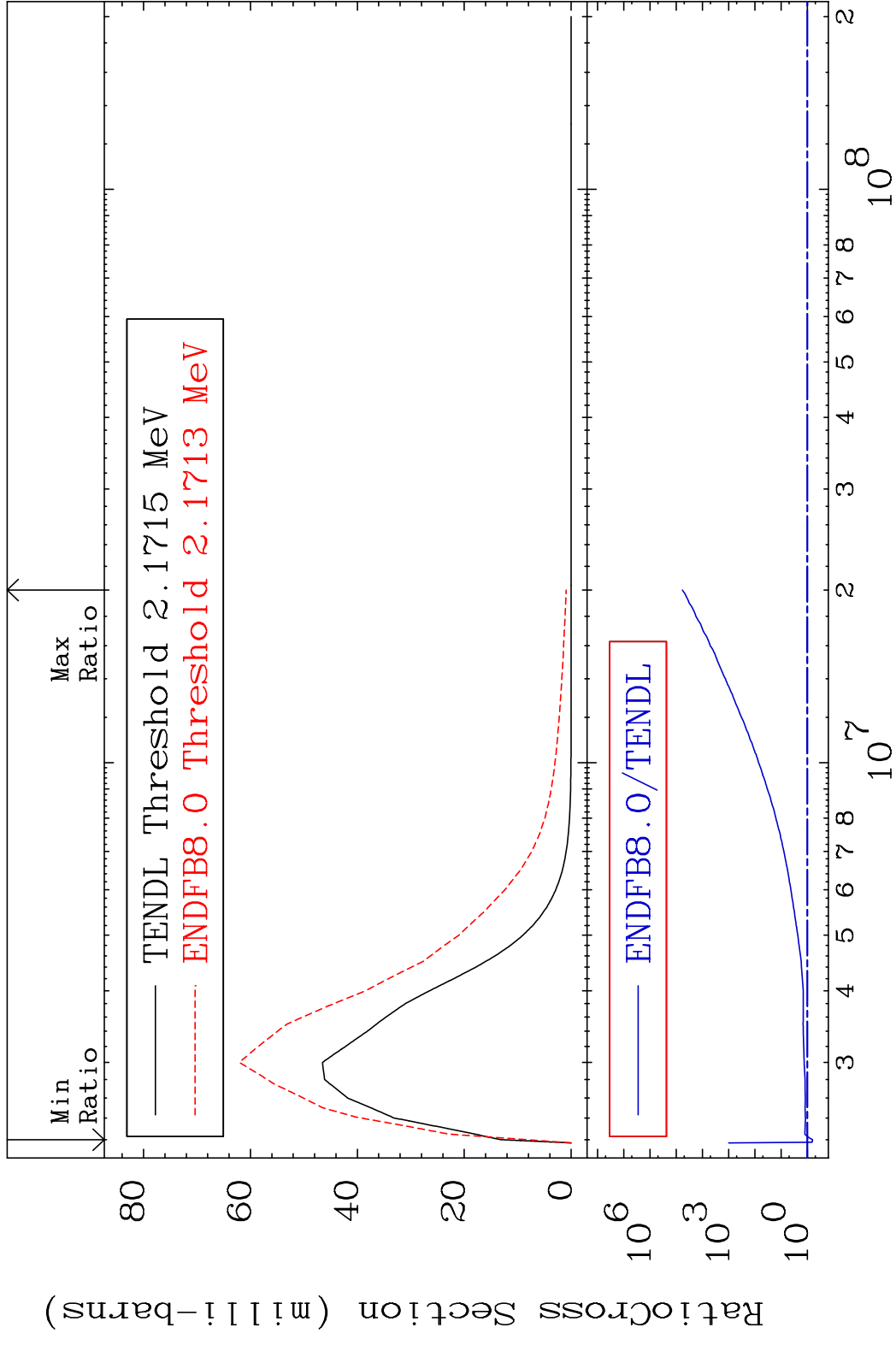
MAT 3043 MT= 55 (n, n') Level 30-Zn-70
 Cross Section -63.39 To 41.81 %



MAT 3043 MT= 56 (n, n') Level 30-Zn-70
 Cross Section -100.0 To 250.6 %

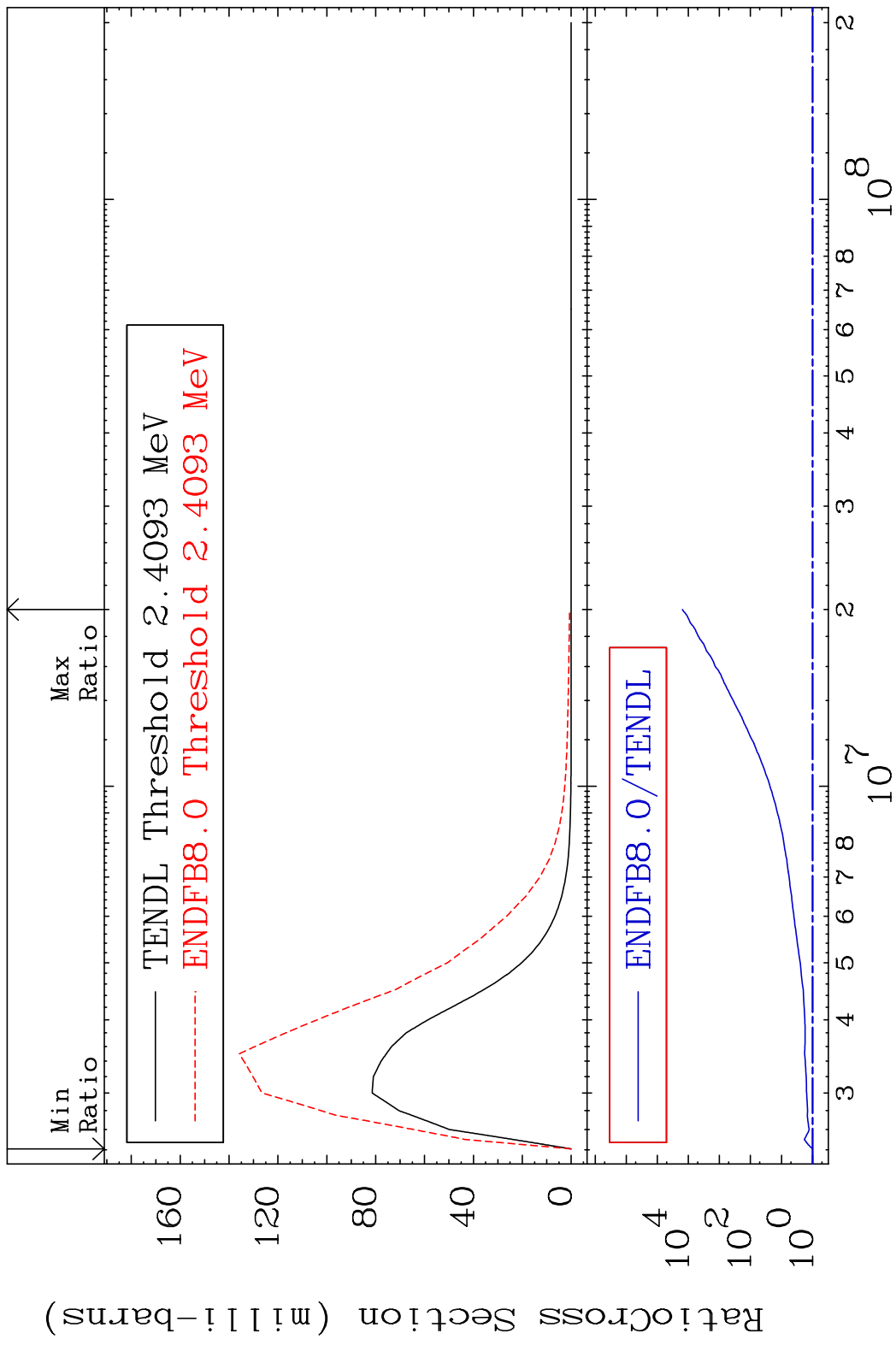


MAT 3043 MT= 57 (n, n') Level 30-Zn-70
 Cross Section -36.17 To 9999. %



15 Incident Energy (eV) 30-Zn-70

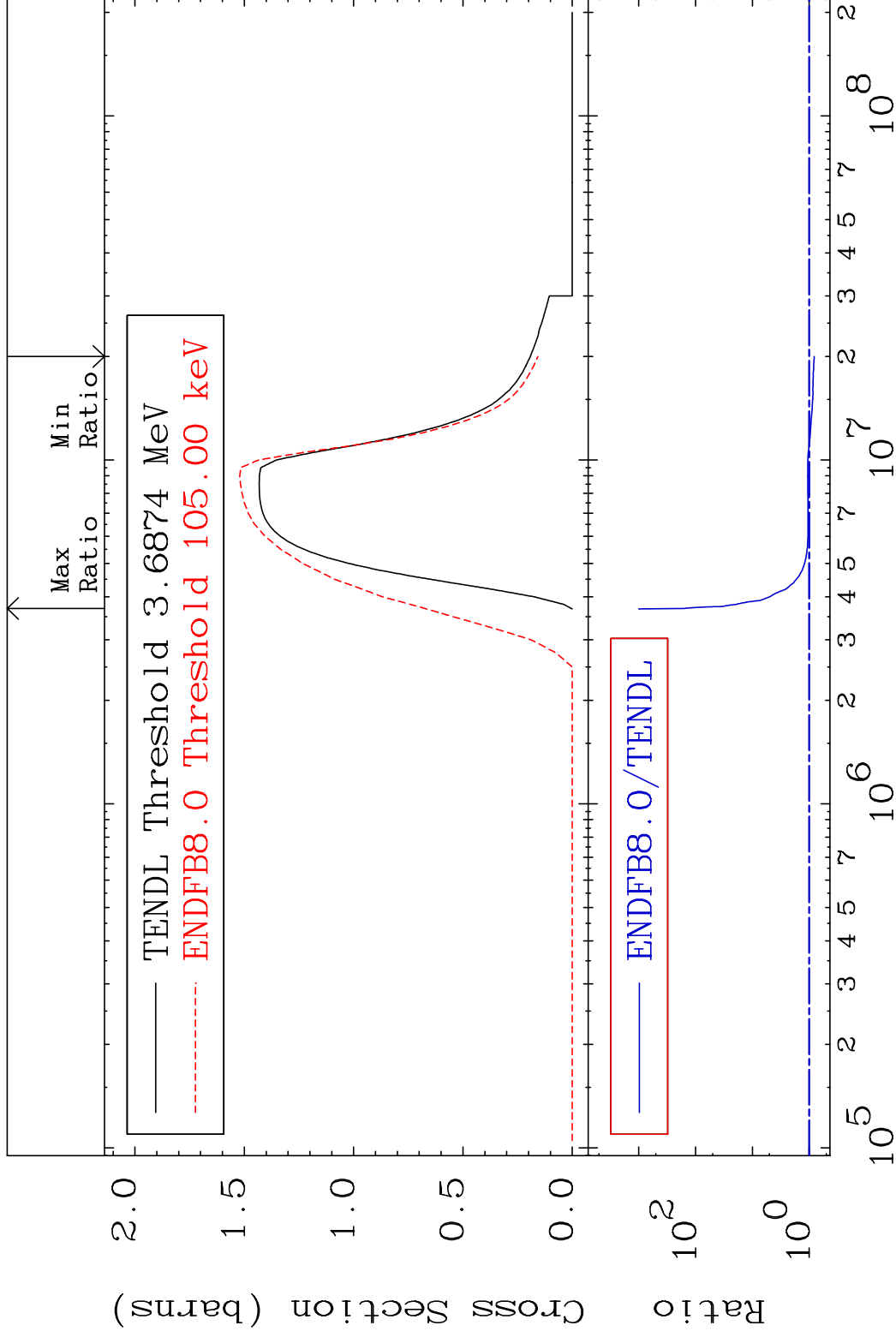
MAT 3043 MT= 58 (n, n') Level 30-Zn-70
 Cross Section 0.000 To 9999. %



16 Incident Energy (eV) 30-Zn-70

MAT 3043

(n,n') Continuum 30-Zn-70
Cross Section -18.07 To 9999. %



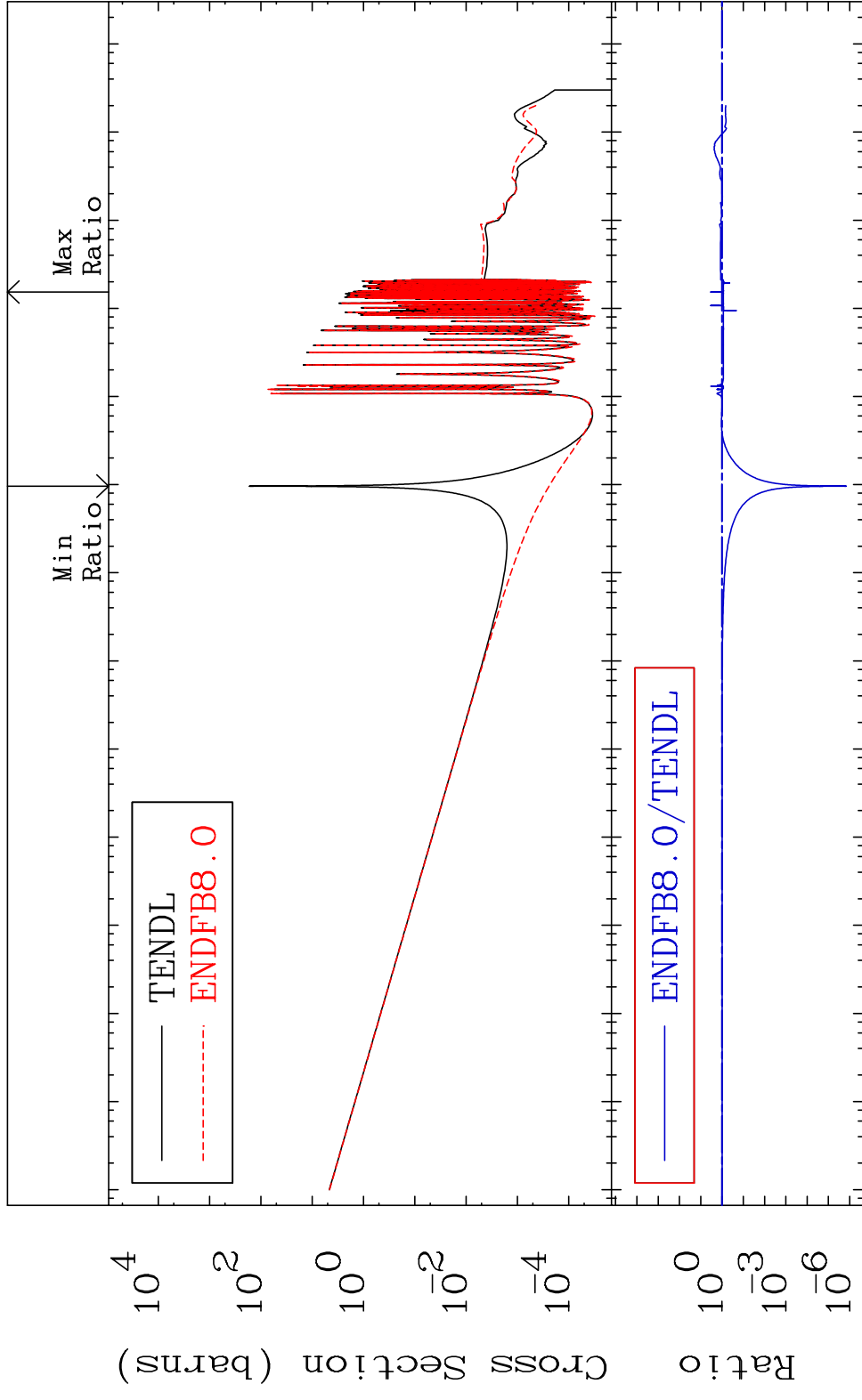
17

Incident Energy (eV)

30-Zn-70

MAT 3043

(n, γ)
Cross Section -100.0 To 239.2 %
30-Zn-70

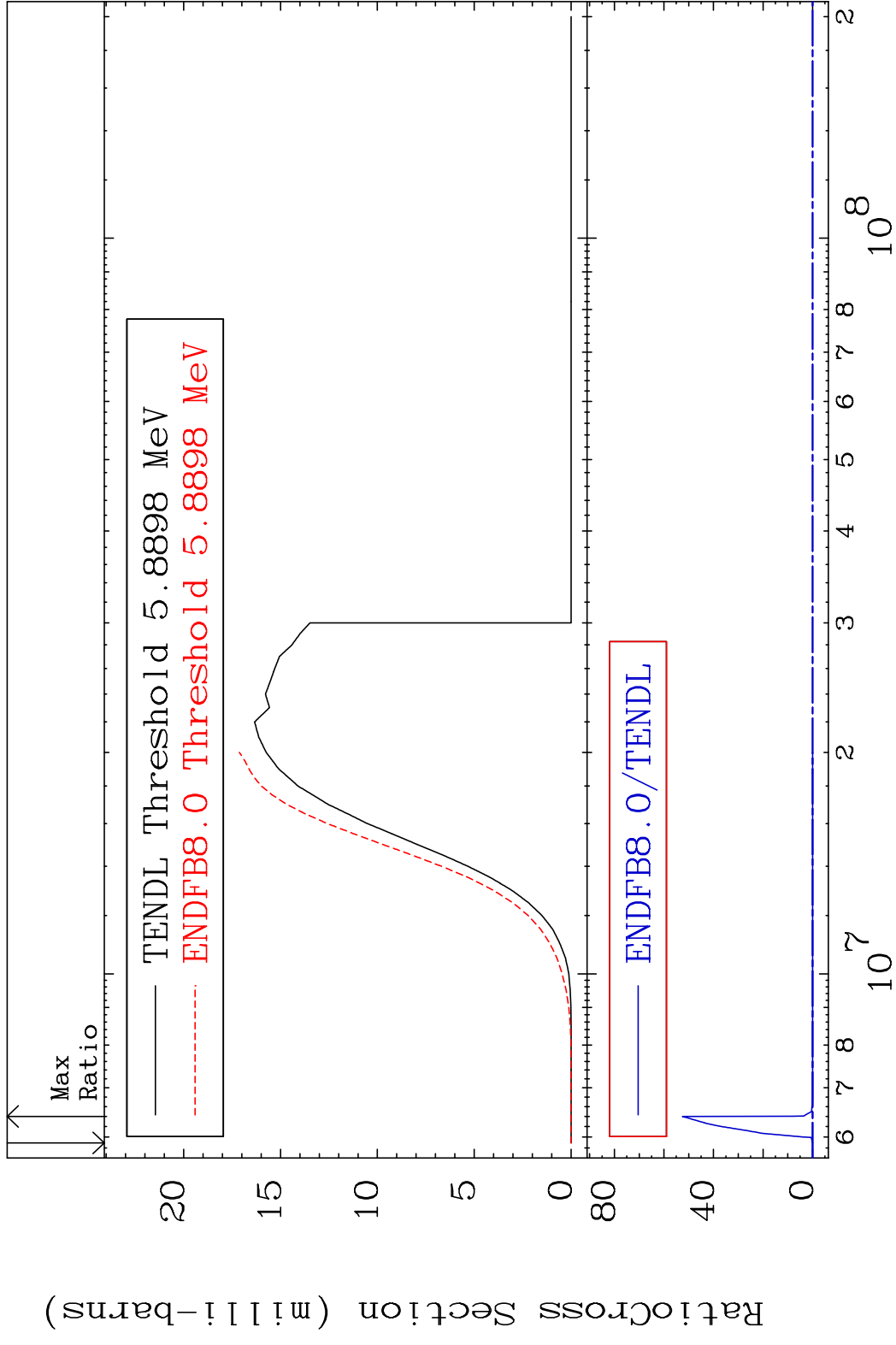


18

Incident Energy (eV)

30-Zn-70

MAT 3043 (n,p) 30-Zn-70
 Cross Section -100.0 To 9999. %

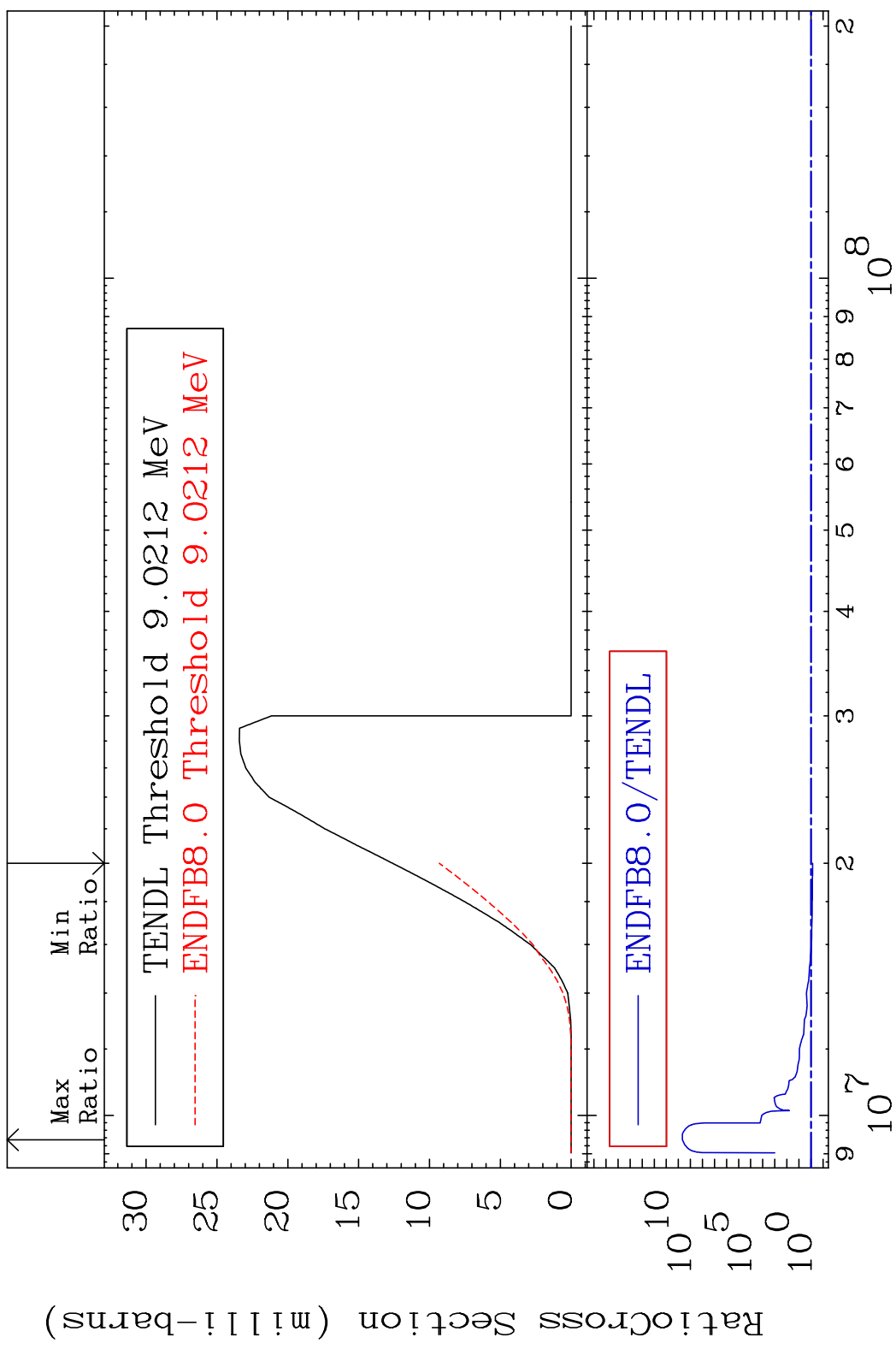


MAT 3043

(n, d)

30-Zn-70

Cross Section -26.13 To 9999. %



20

Incident Energy (eV)

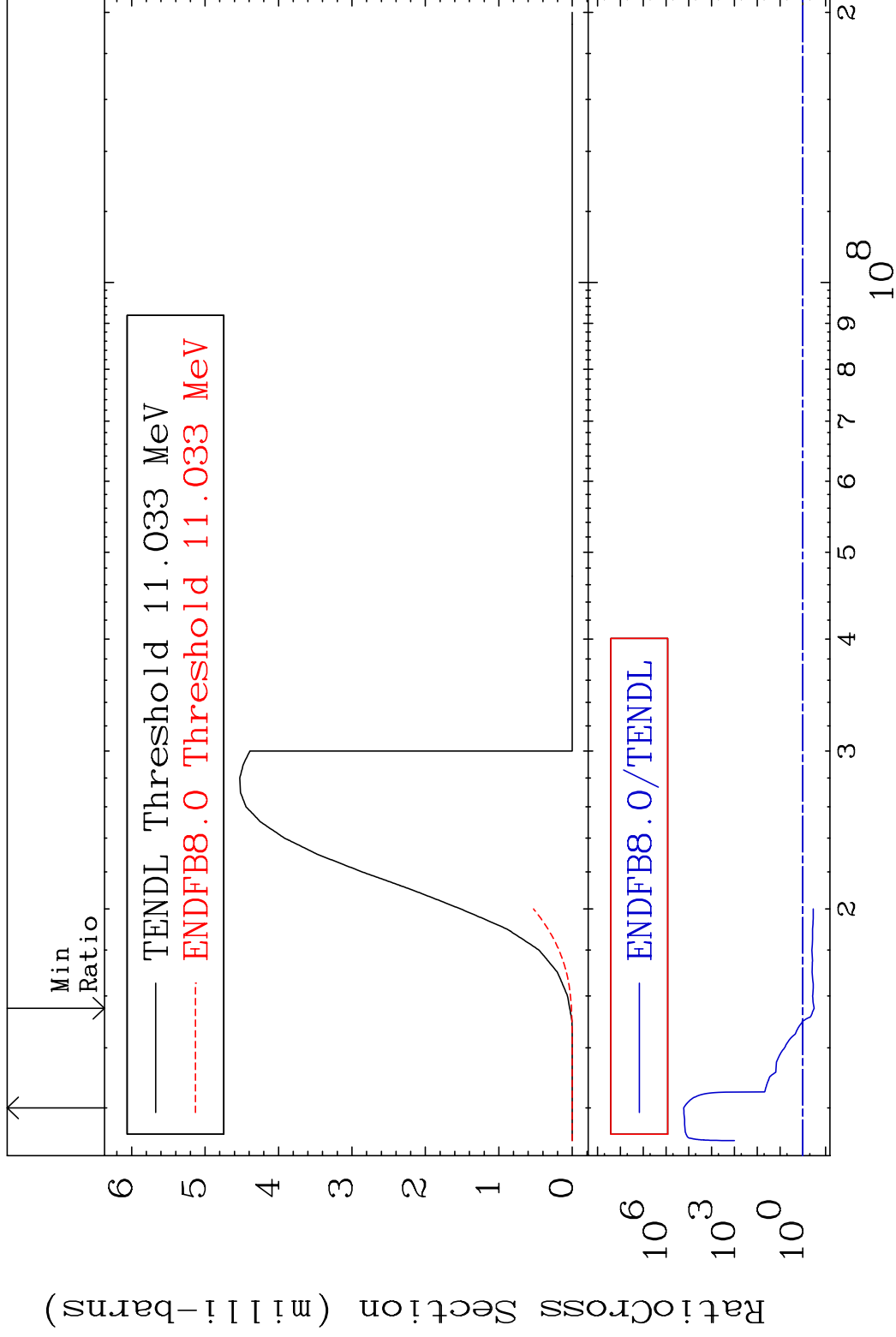
30-Zn-70

MAT 3043

(n, t)

30-Zn-70

Cross Section -67.93 To 9999. %



21

Incident Energy (eV)

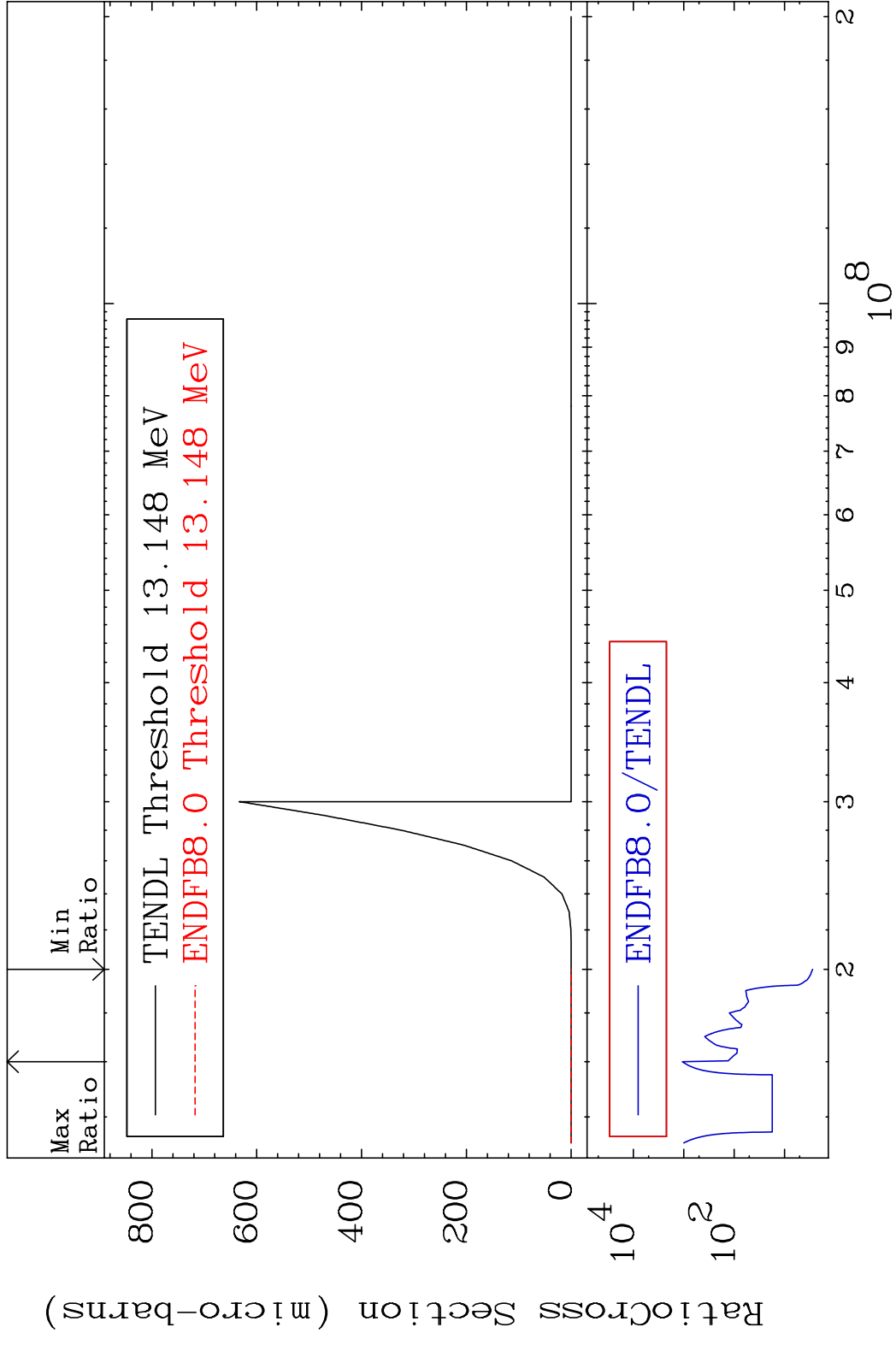
30-Zn-70

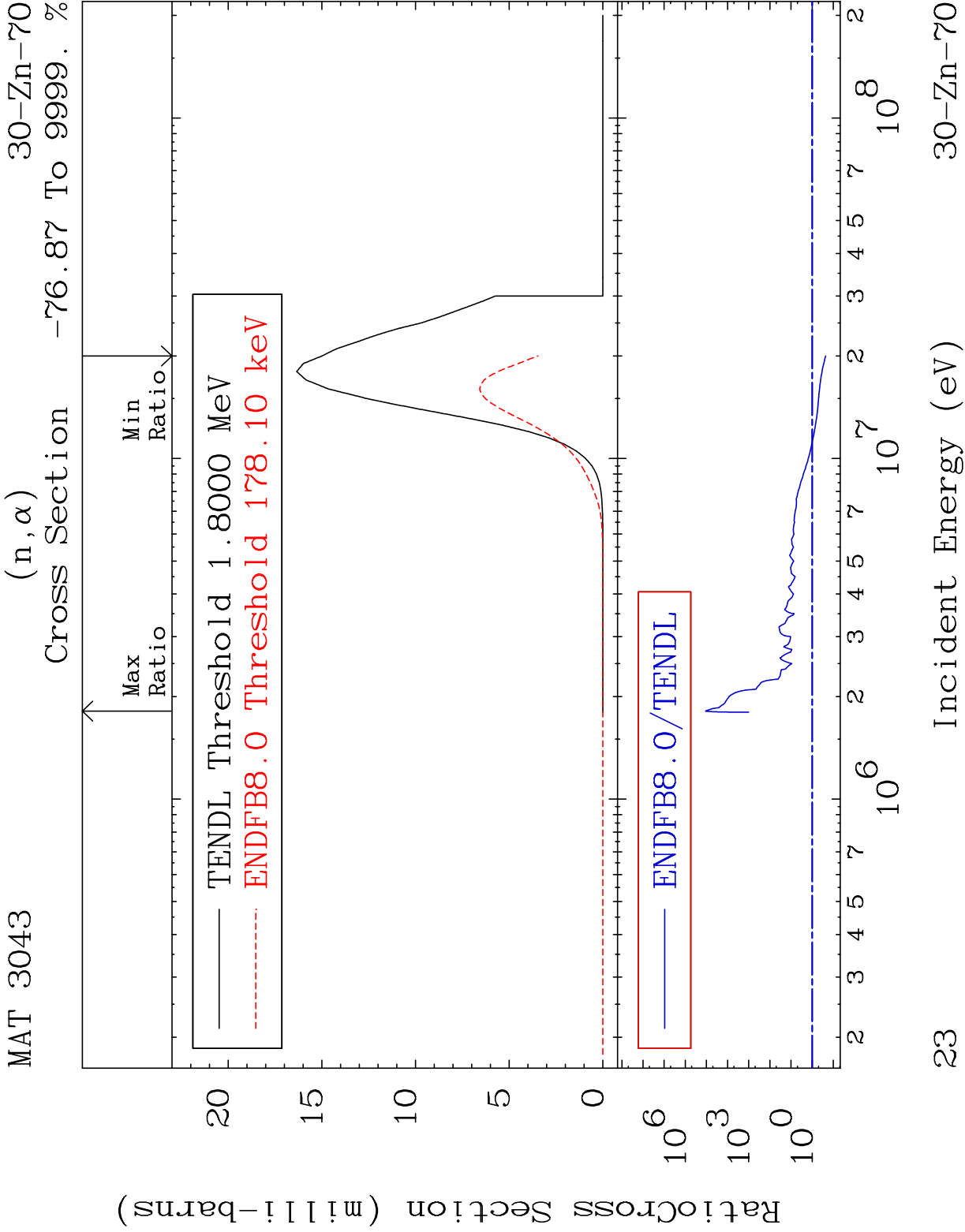
MAT 3043

(n, He-3)

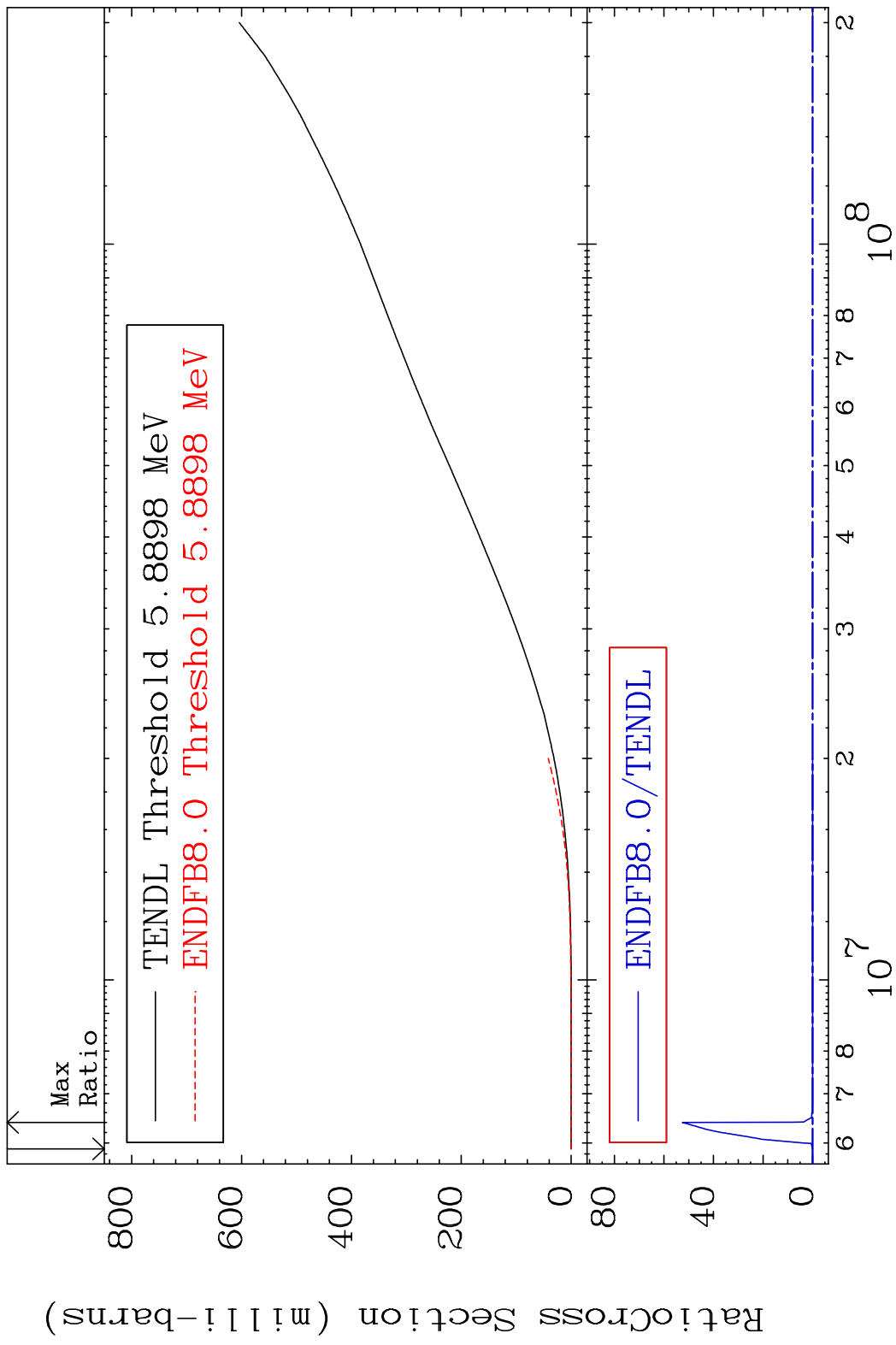
30-Zn-70

Cross Section 177.7 To 9999. %



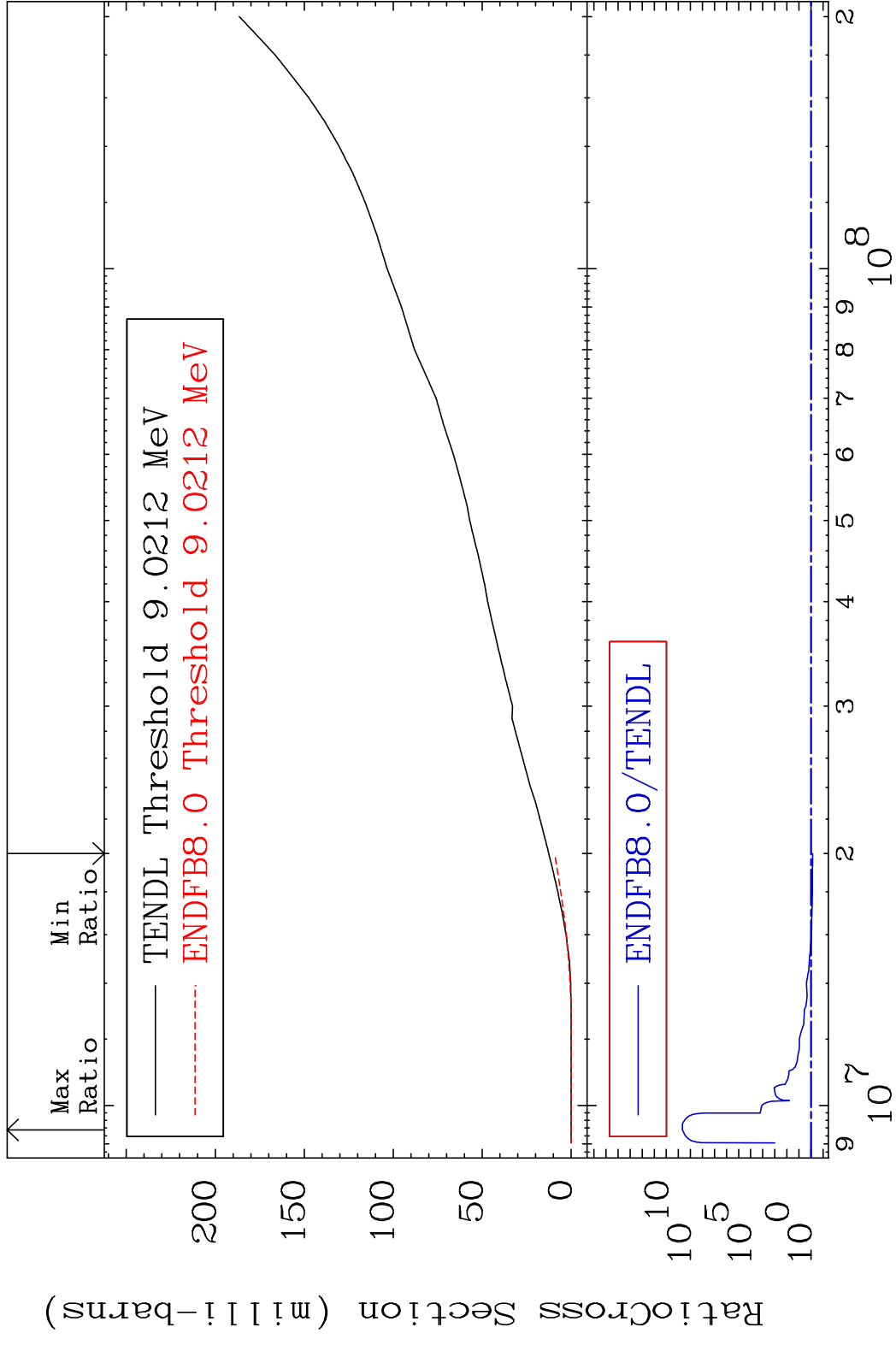


MAT 3043 Hydrogen Production 30-Zn-70
 Cross Section -100.0 To 9999. %



MAT 3043

Deuterium Production 30-Zn-70
Cross Section -26.12 To 9999. %

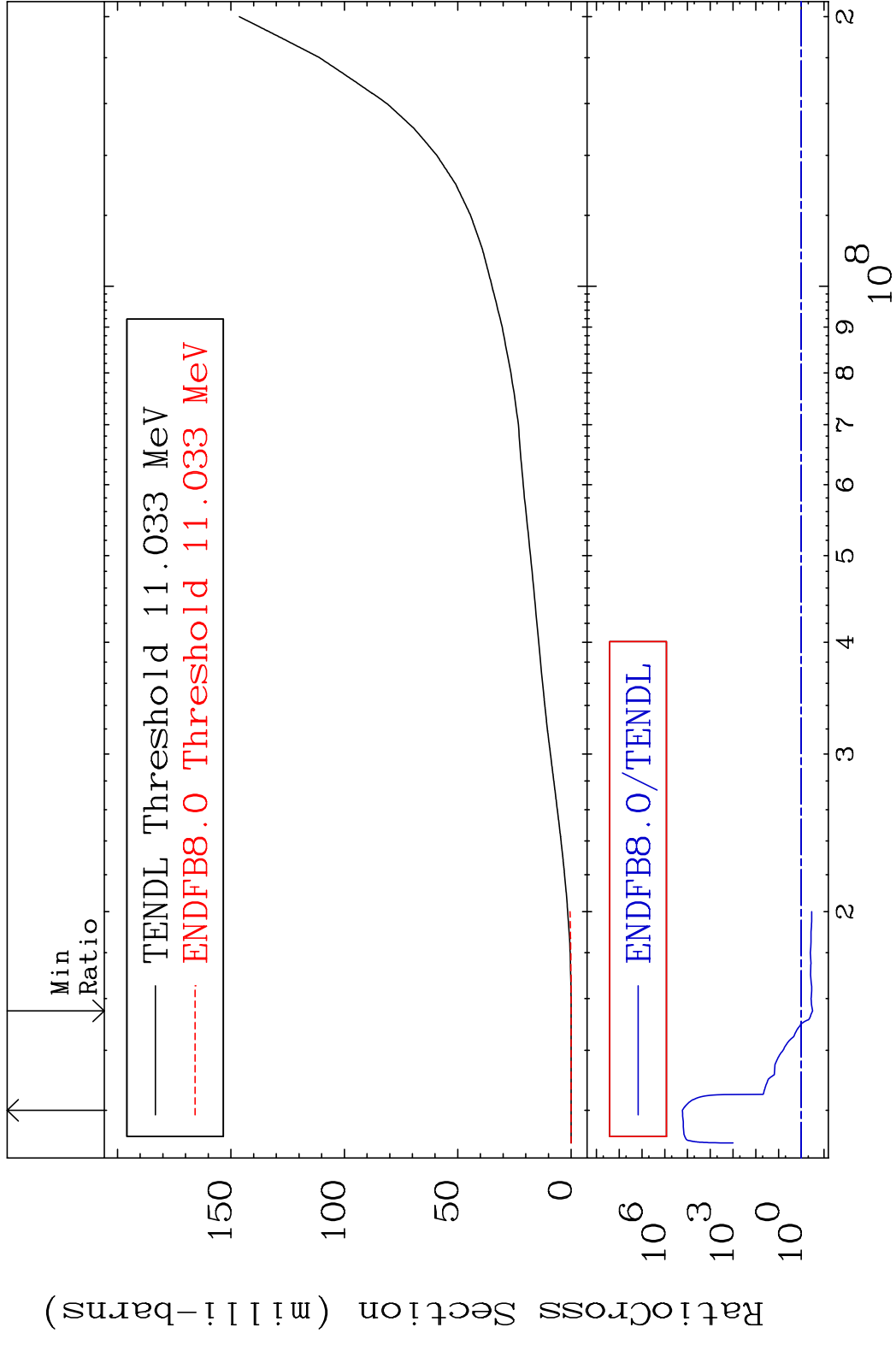


25

30-Zn-70

MAT 3043

Tritium Production 30-Zn-70
Cross Section -67.93 To 9999. %

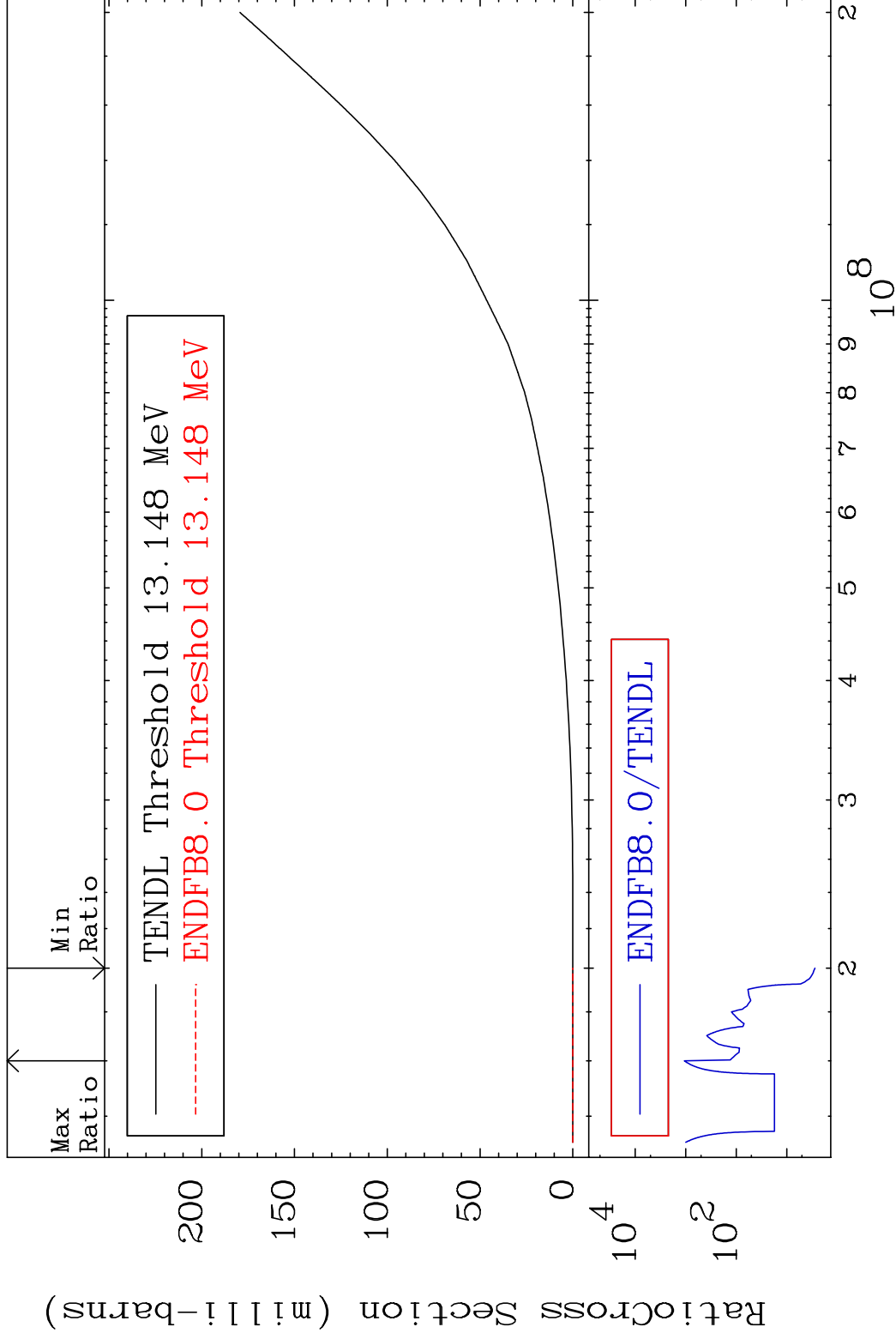


MAT 3043

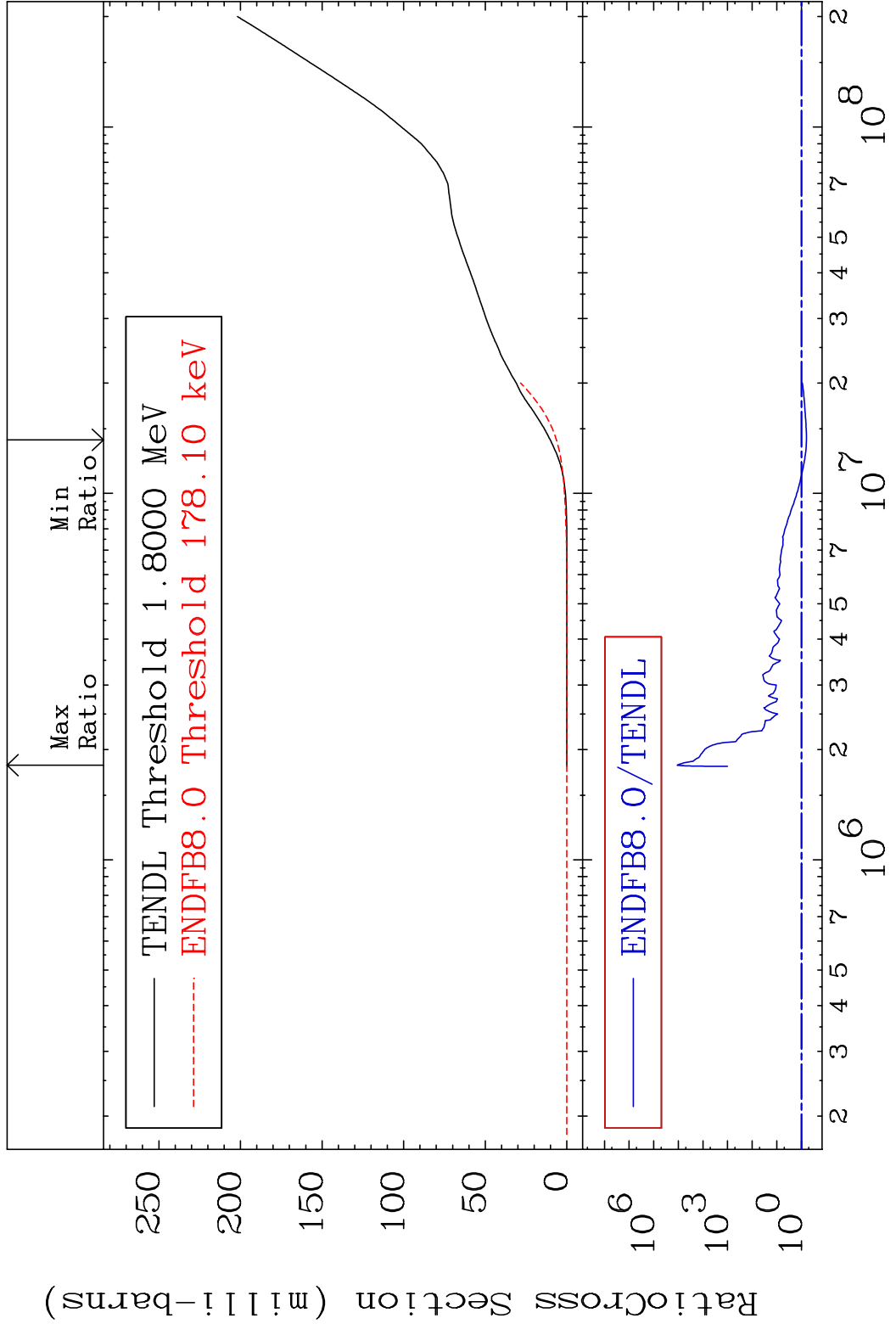
He-3 Production

30-Zn-70

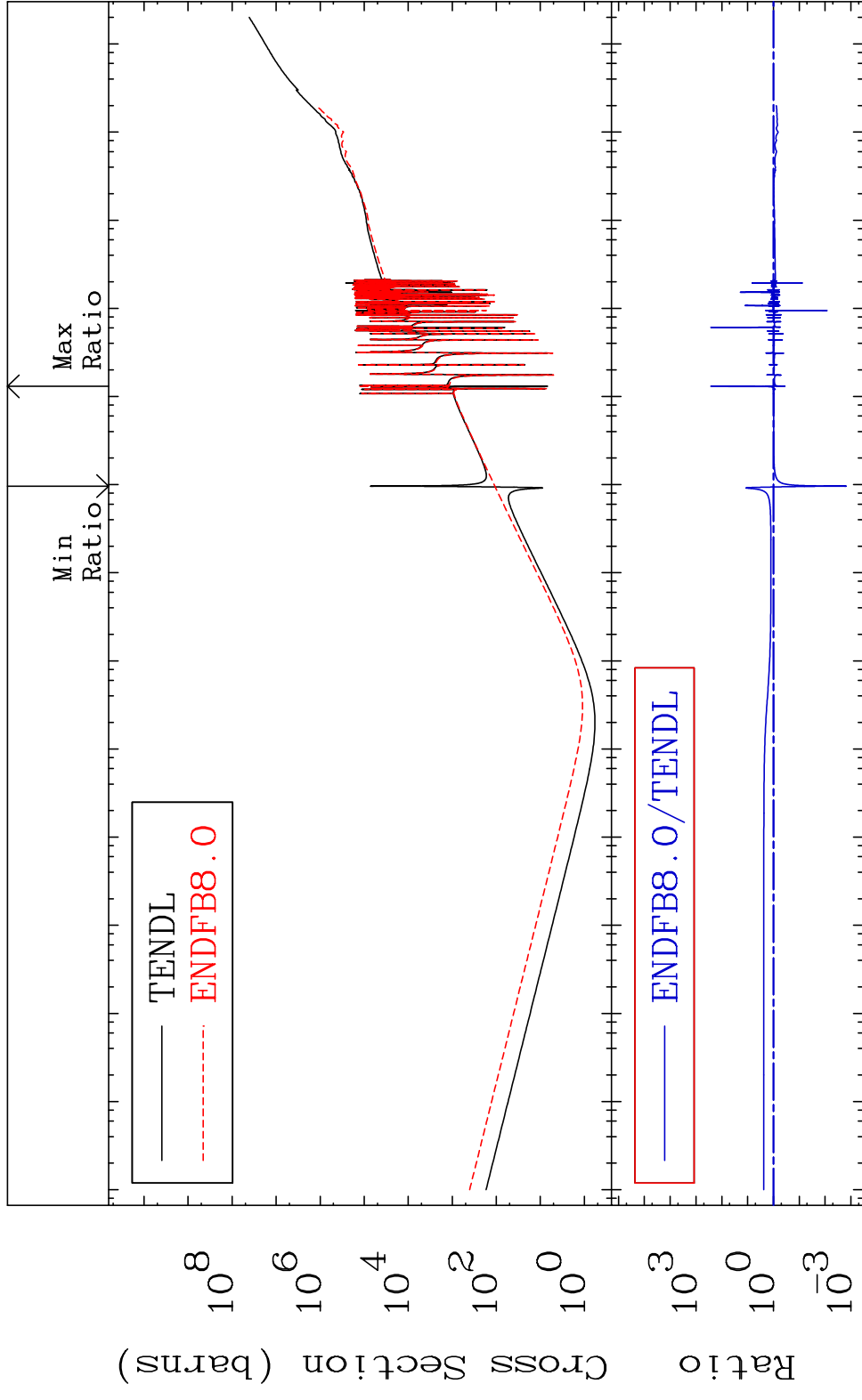
Cross Section 177.7 To 9999. %



MAT 3043 He-4 Production 30-Zn-70
 Cross Section -37.40 To 9999. %

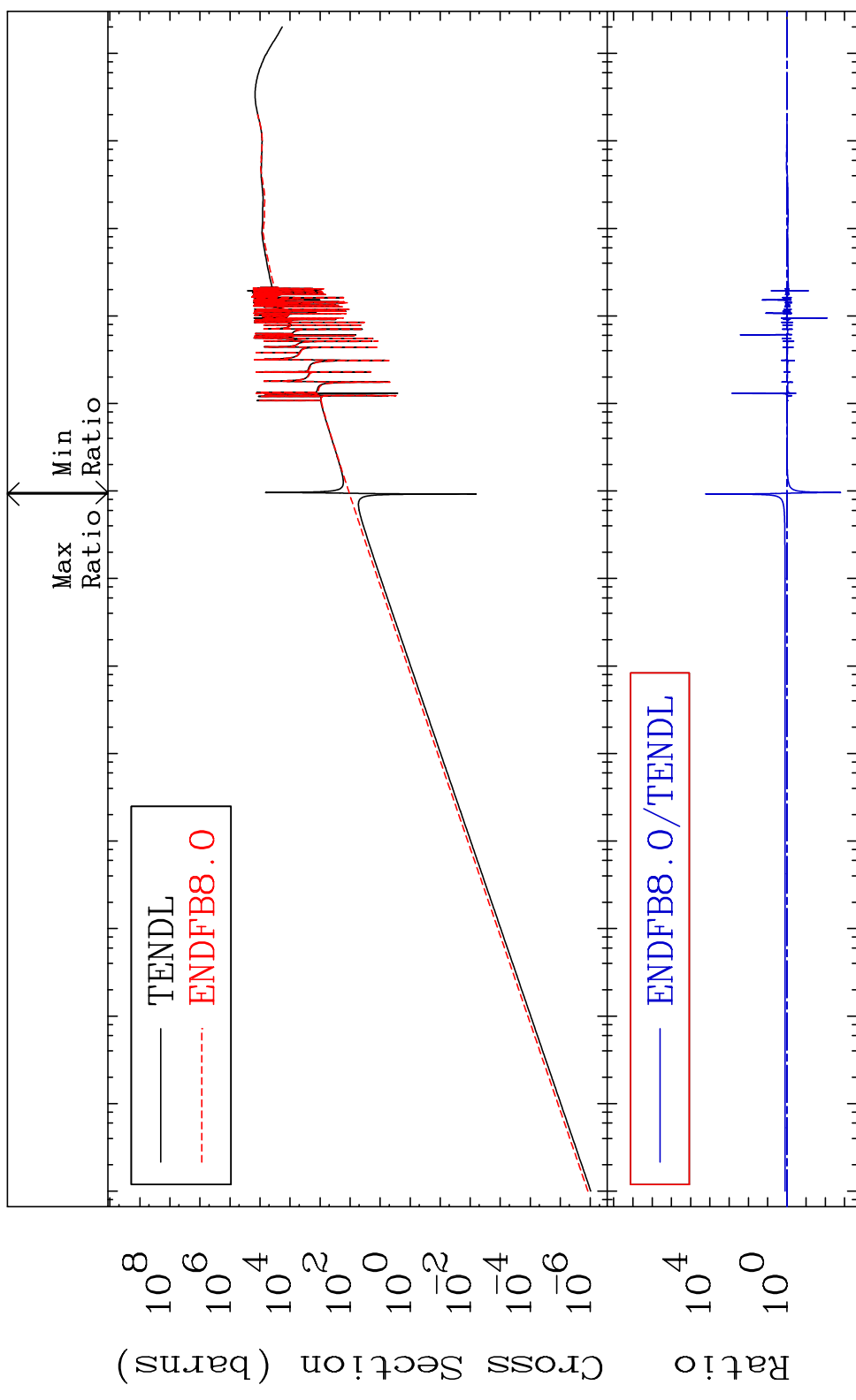


MAT 3043 Kerma total (eV-barns) 30-Zn-70
 Cross Section -99.85 To 9999. %



MAT 3043

Kerma elastic Cross Section -99.84 To 9999. %
30-Zn-70

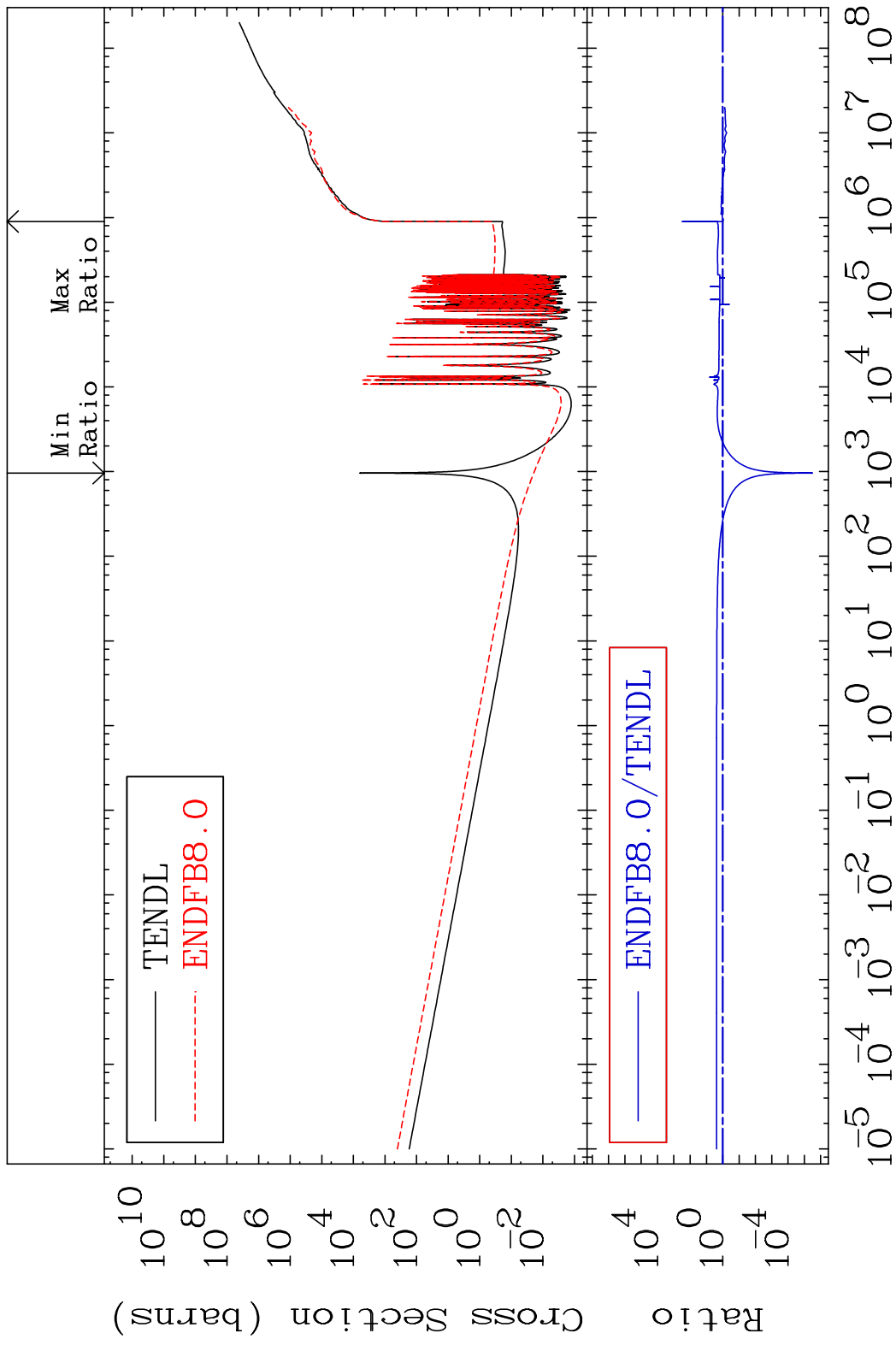


30

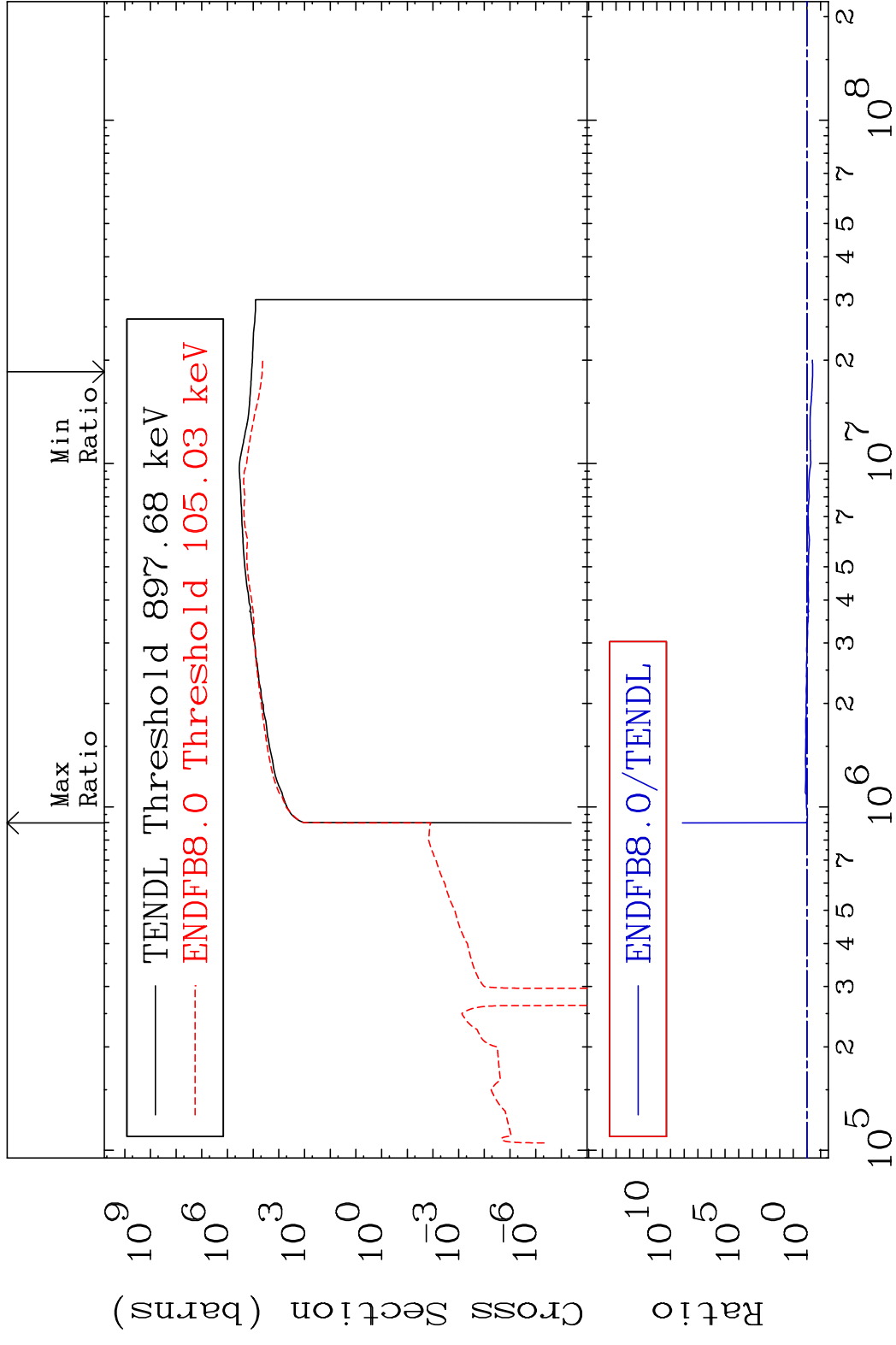
Incident Energy (eV)

30-Zn-70

MAT 3043 Kerma non-elastic (all but mt2) 30-Zn-70
 Cross Section -100.0 To 9999. %

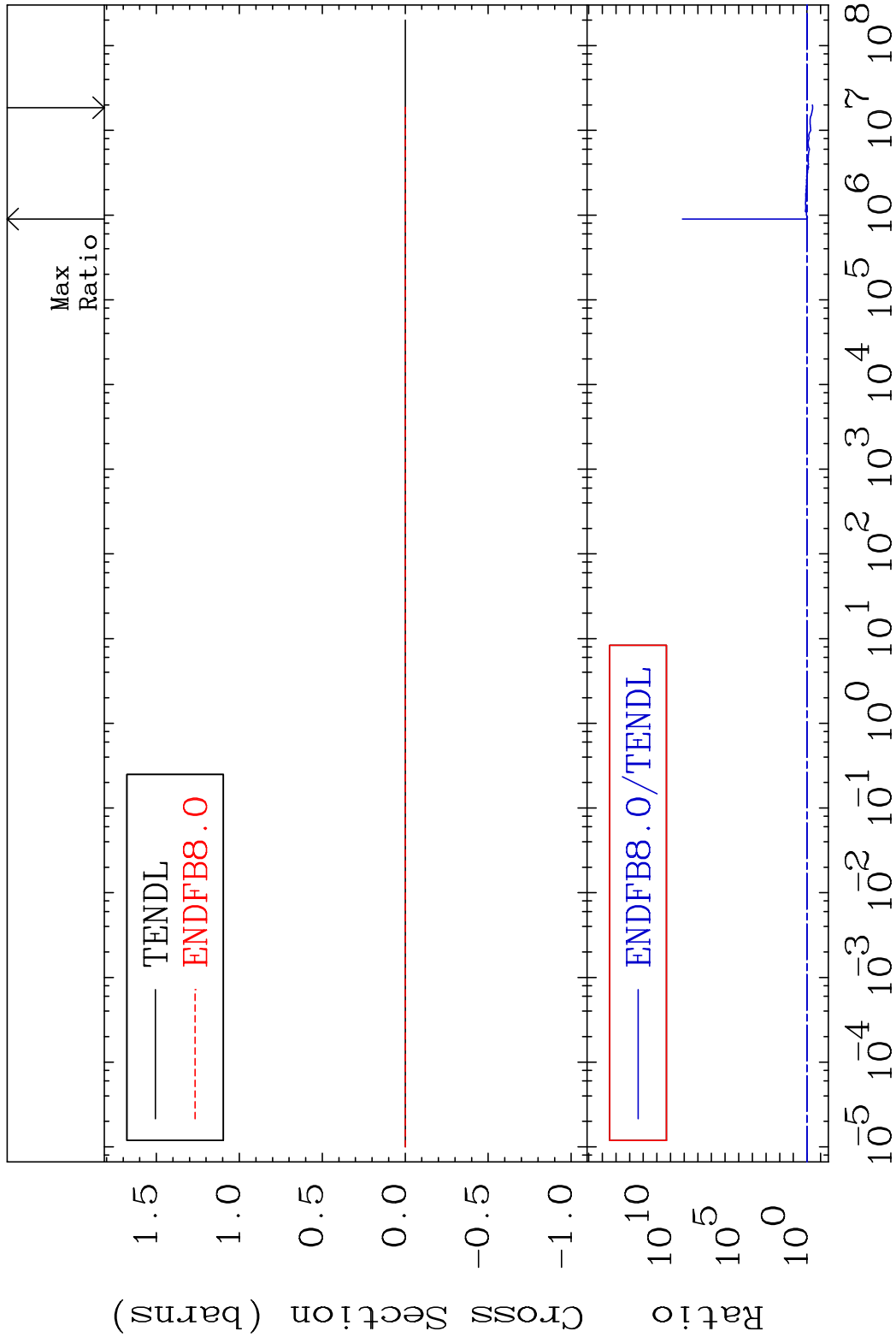


MAT 3043 Kerma inelastic (mt51-91) 30-Zn-70
 Cross Section -61.19 To 9999. %

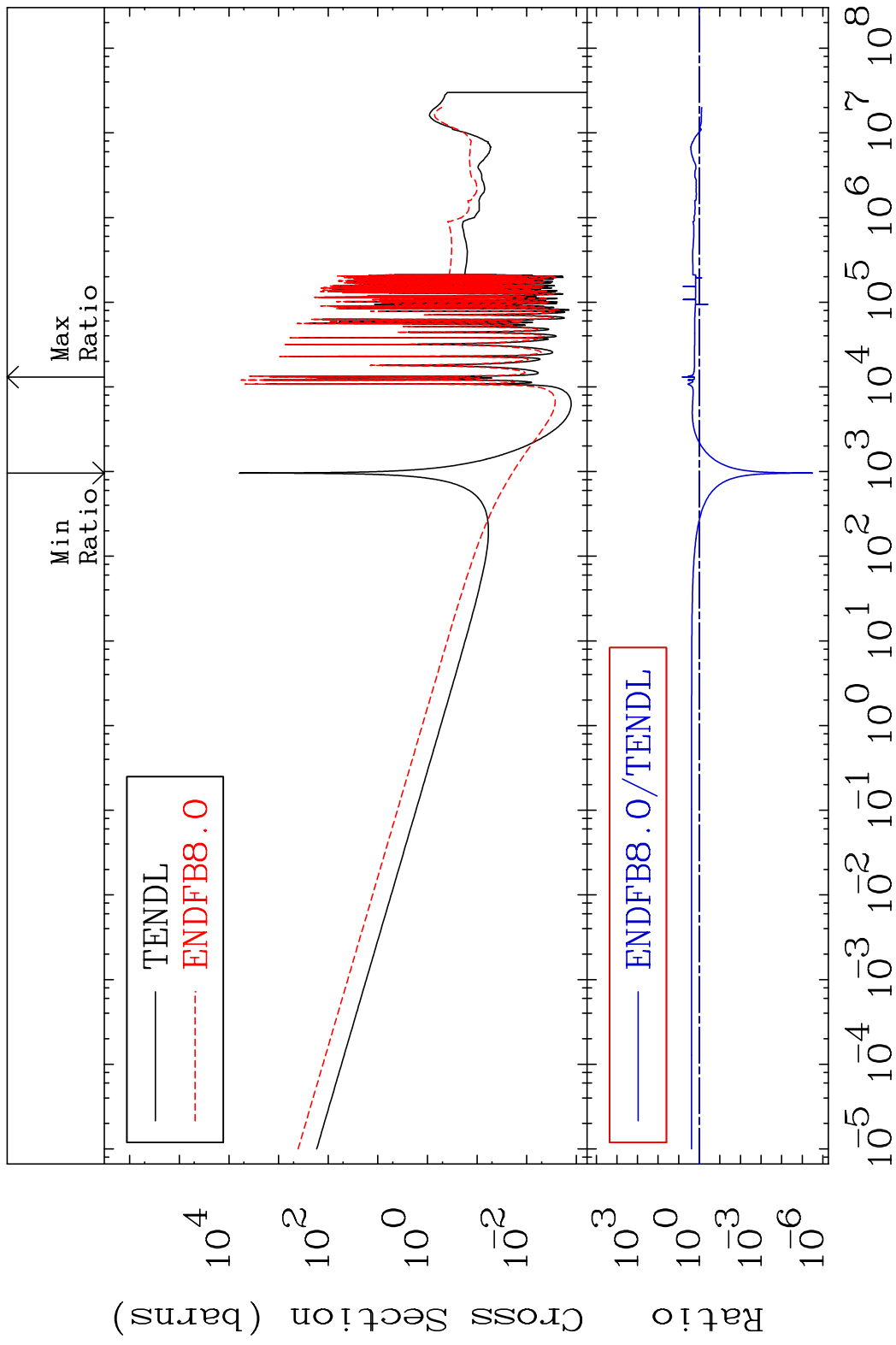


32 Incident Energy (eV) 30-Zn-70

MAT 3043 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-70
 Cross Section -61.19 To 9999. %

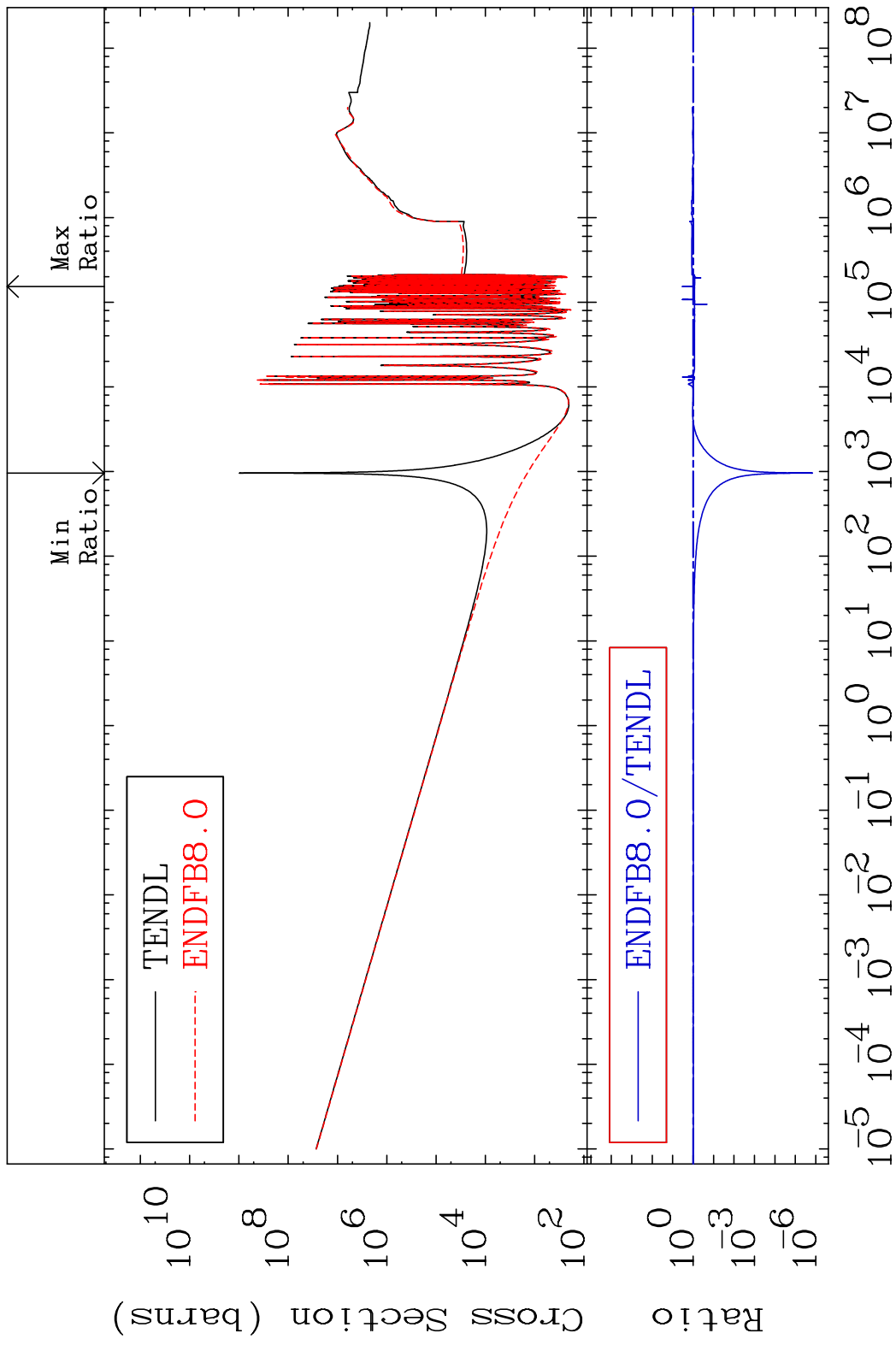


MAT 3043 Kerma capture (mt102) 30-Zn-70
 Cross Section -100.0 To 563.2 %

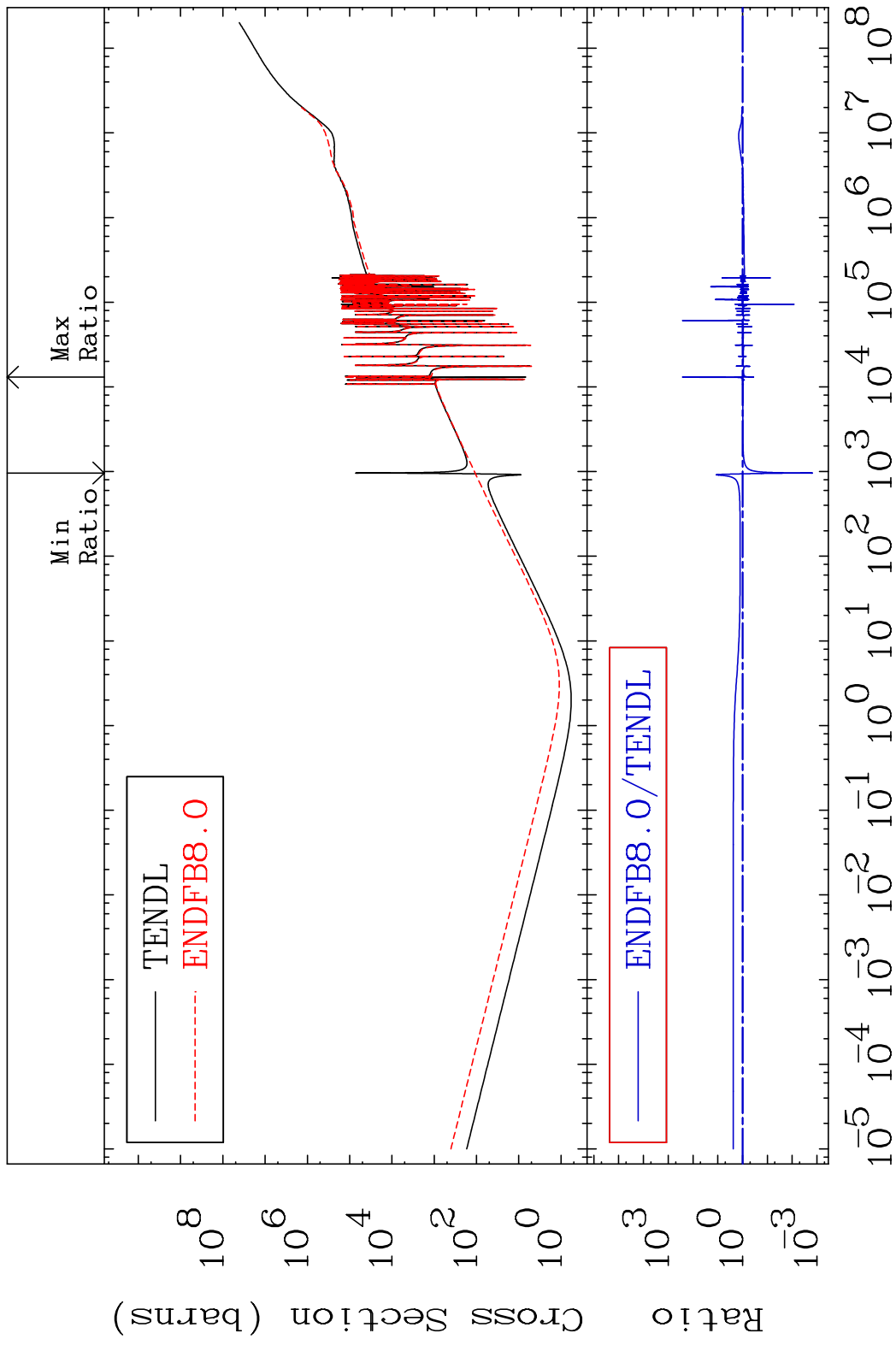


34 Incident Energy (eV) 30-Zn-70

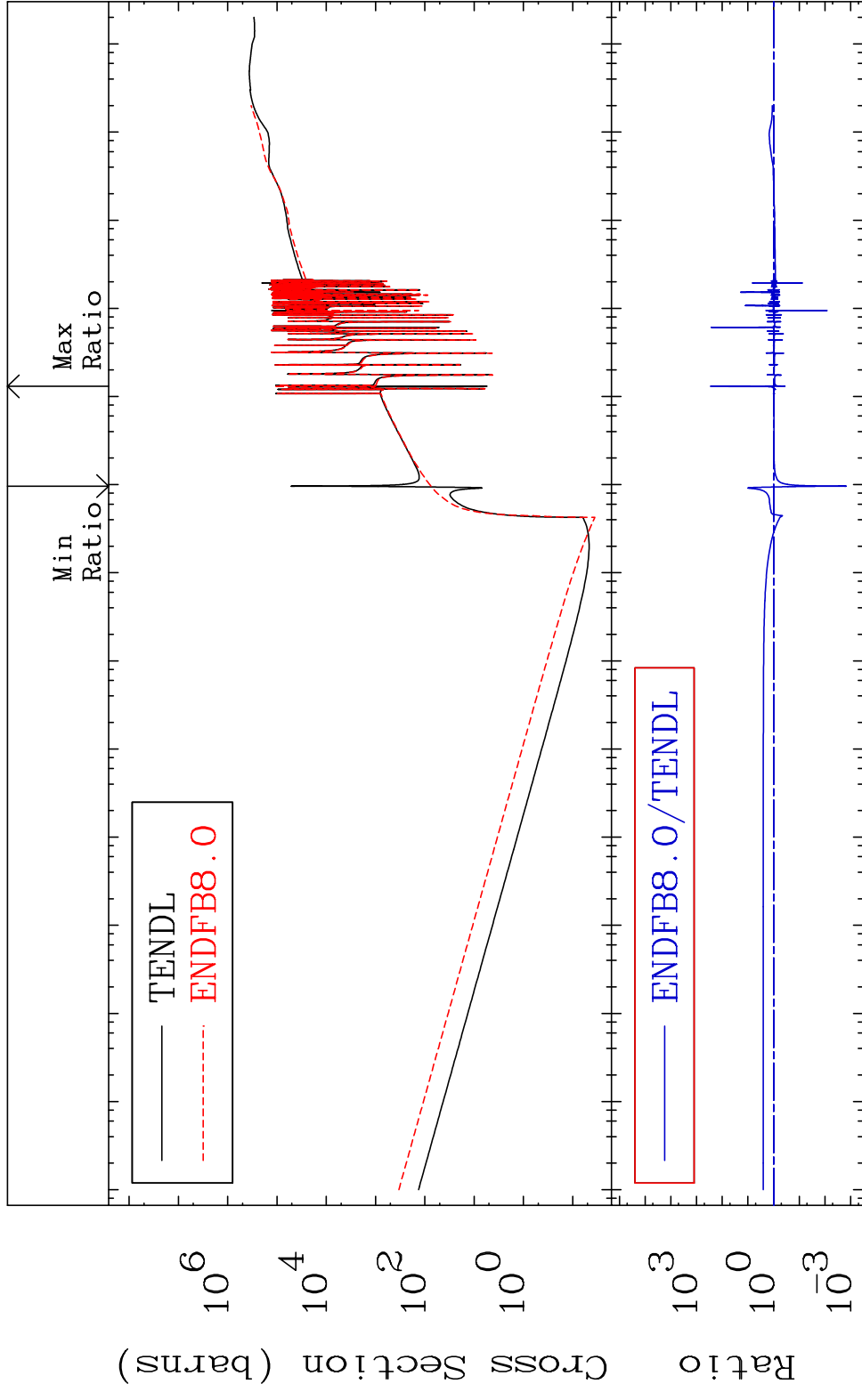
MAT 3043 Total photon (eV-barns) 30-Zn-70
 Cross Section -100.0 To 235.8 %



MAT 3043 Total kinematic kerma (high limit) 30-Zn-70
 Cross Section -99.85 To 9999. %



MAT 3043 Dpa total (eV-barns) 30-Zn-70
 Cross Section -99.85 To 9999. %



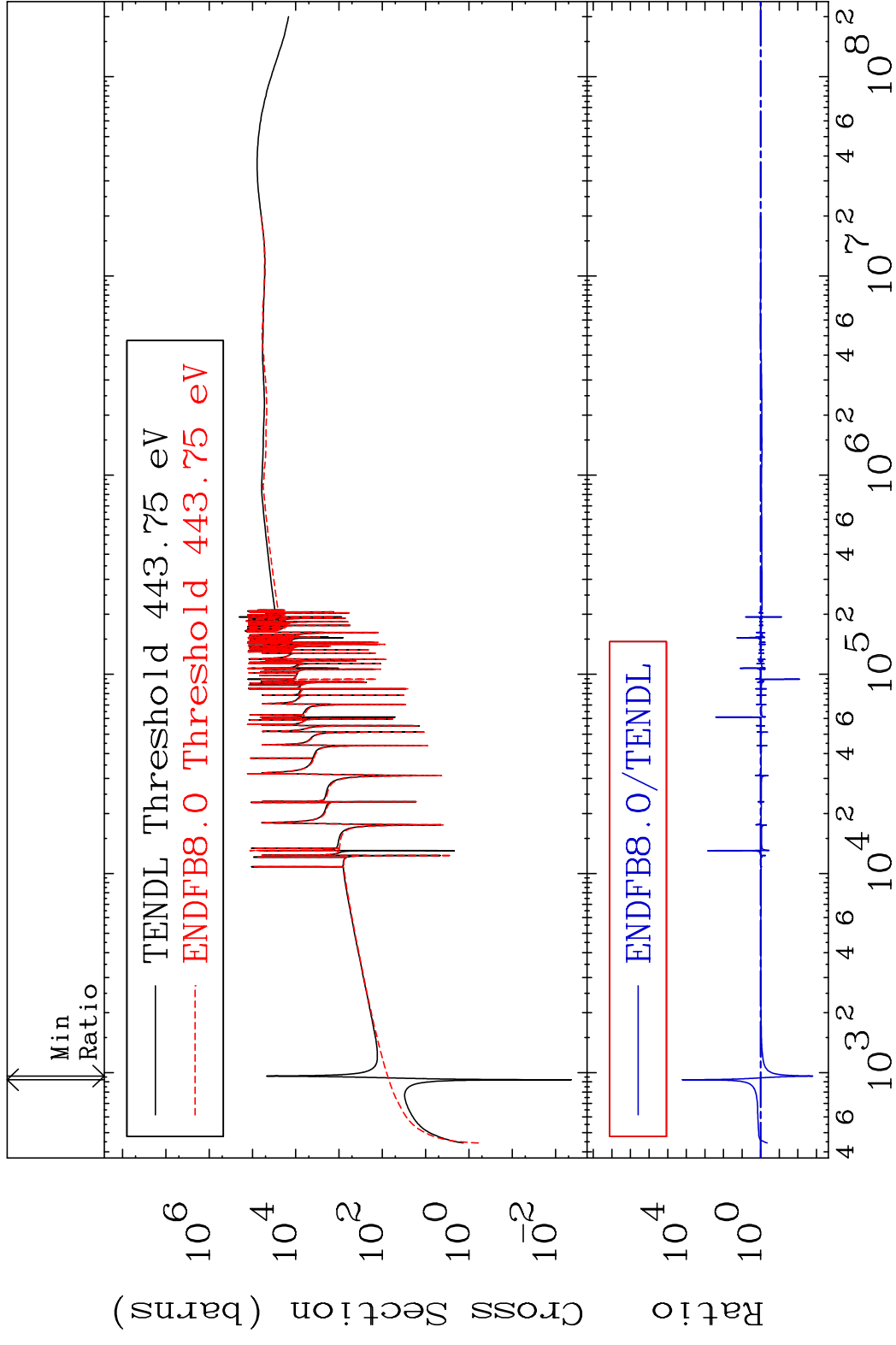
37 Incident Energy (eV) 30-Zn-70

MAT 3043

Dpa elastic (mt2)

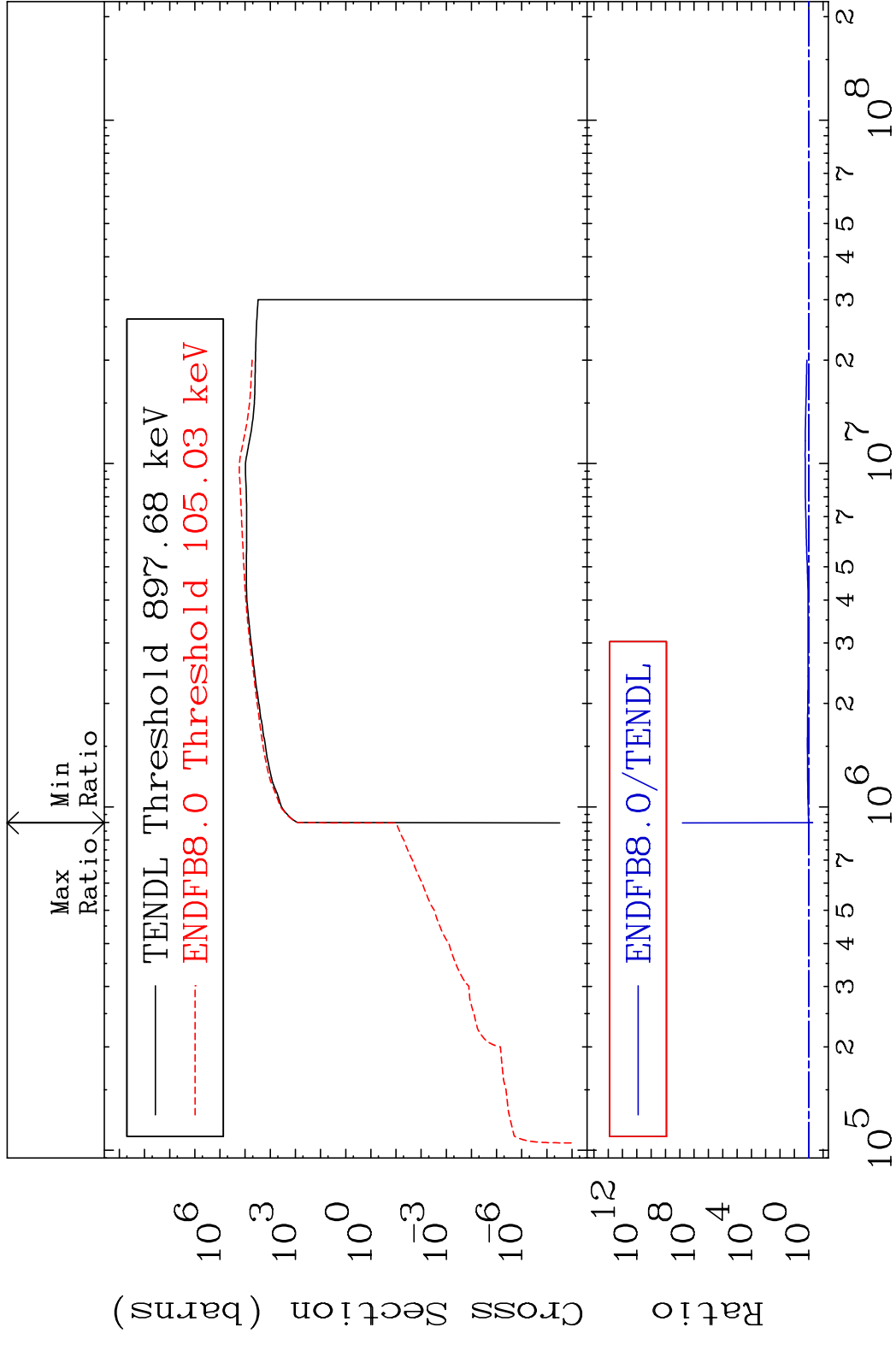
30-Zn-70

Cross Section -99.84 To 9999. %



MAT 3043

Dpa inelastic (mt51-91) 30-Zn-70
Cross Section -46.24 To 9999. %

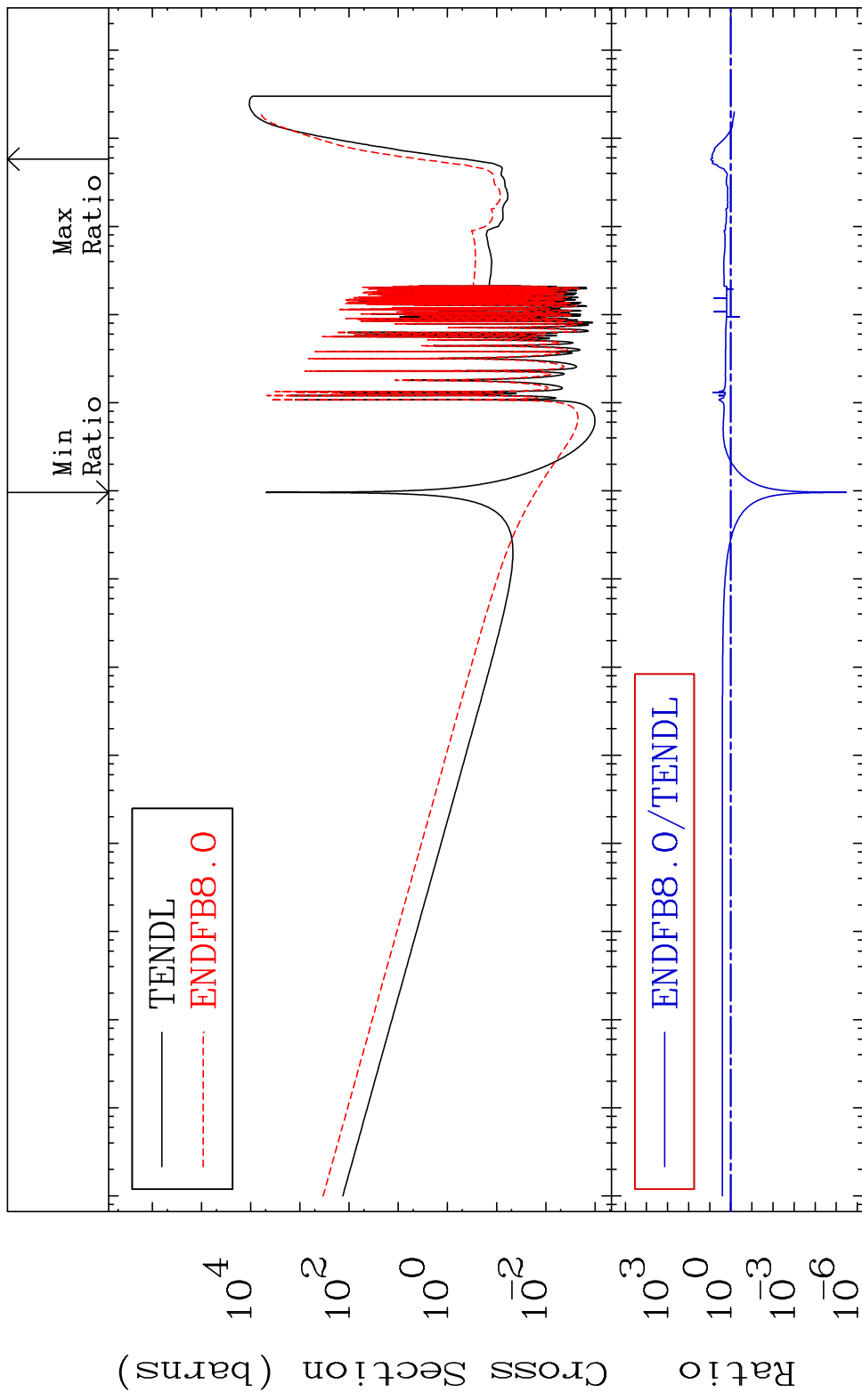


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Incident Energy (eV)

30-Zn-70

MAT 3043 Dpa disappearance (mt102 -120) 30-Zn-70
 Cross Section -100.0 To 797.6 %



40 Incident Energy (eV) 30-Zn-70