

Program Complot
(Version 2021-1)

by

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U.S.A.

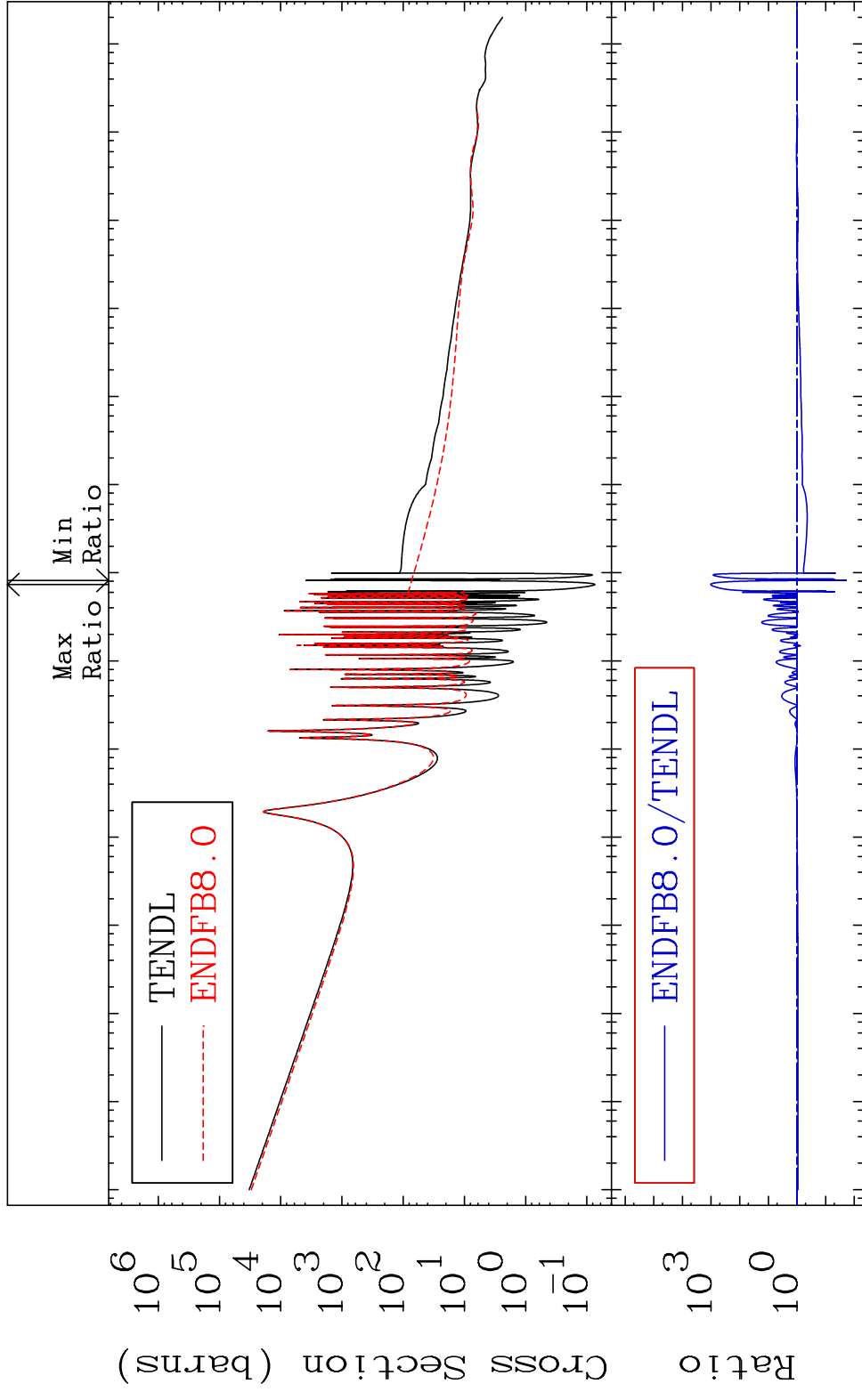
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 9752

Total 97-Bk-249
Cross Section -98.10 To 9999. %

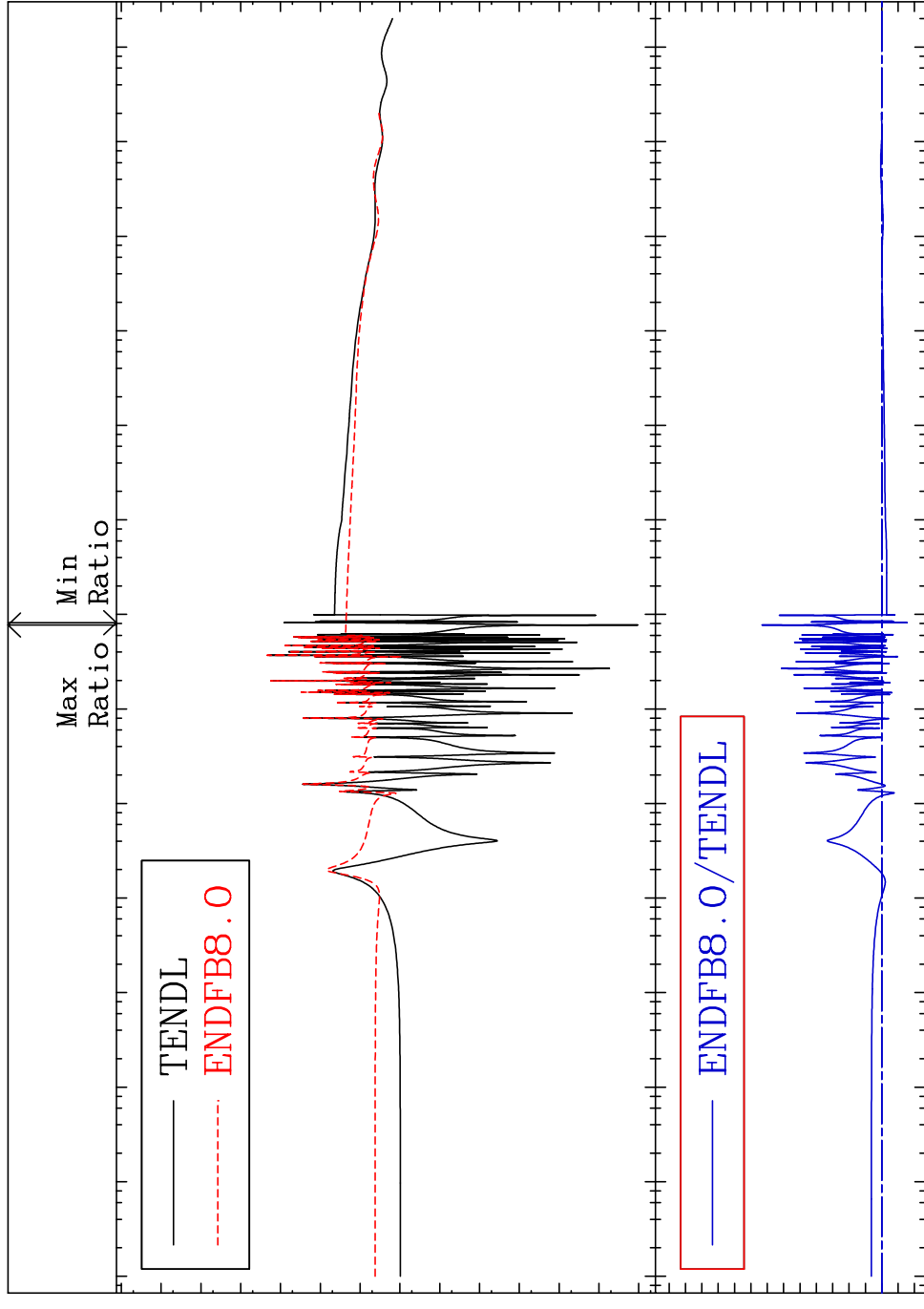


1 Incident Energy (eV) 97-Bk-249

MAT 9752

Elastic Cross Section -97.22 To 9999. %

97-Bk-249



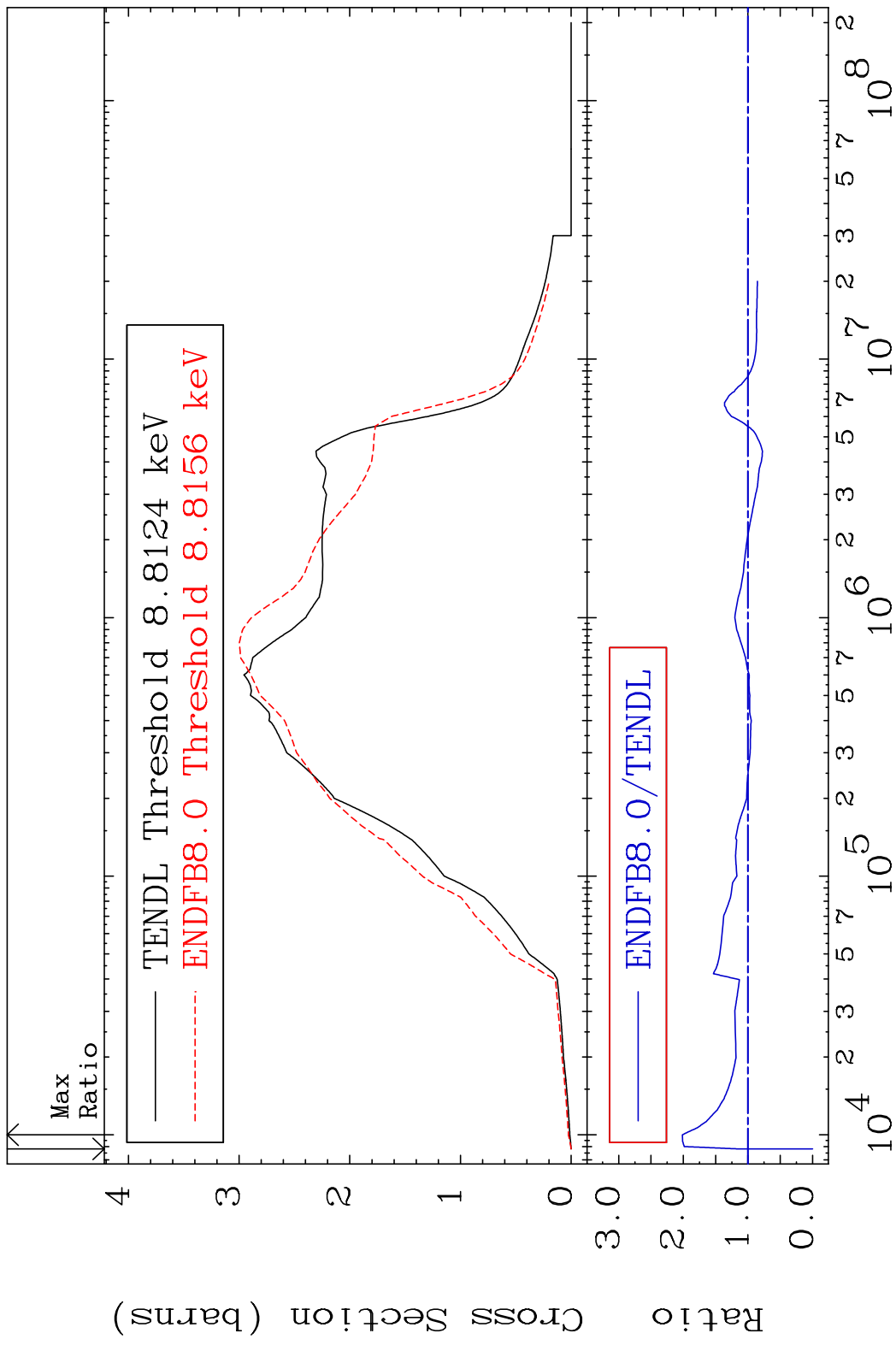
Cross Section (barns)

Ratio

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

2 Incident Energy (eV) 97-Bk-249

MAT 9752 Inelastic 97-Bk-249
Cross Section -100.0 To 101.5 %



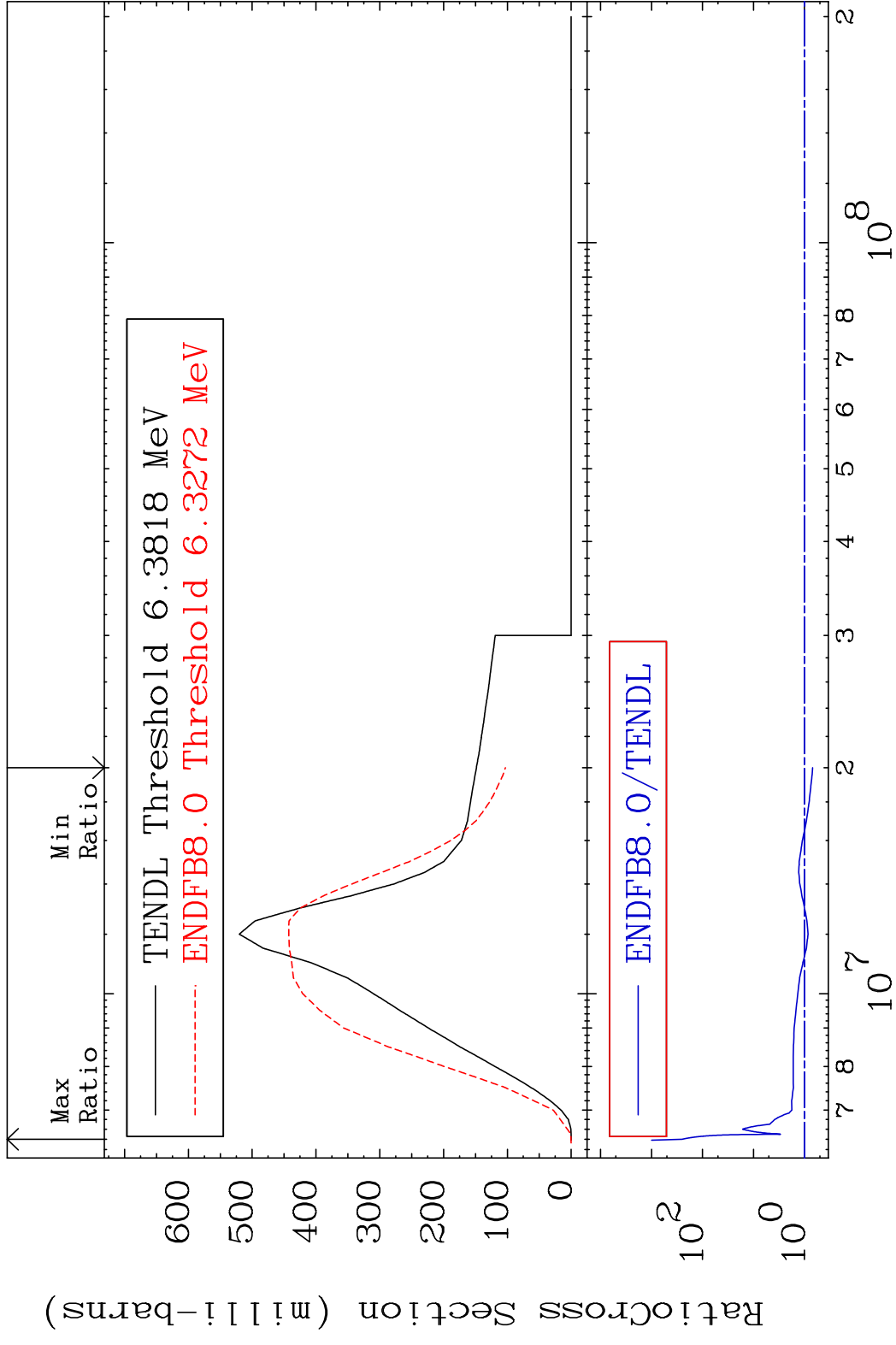
3 Incident Energy (eV) 97-Bk-249

MAT 9752

(n,2n)

97-Bk-249

Cross Section -30.65 To 9999. %



4

Incident Energy (eV)

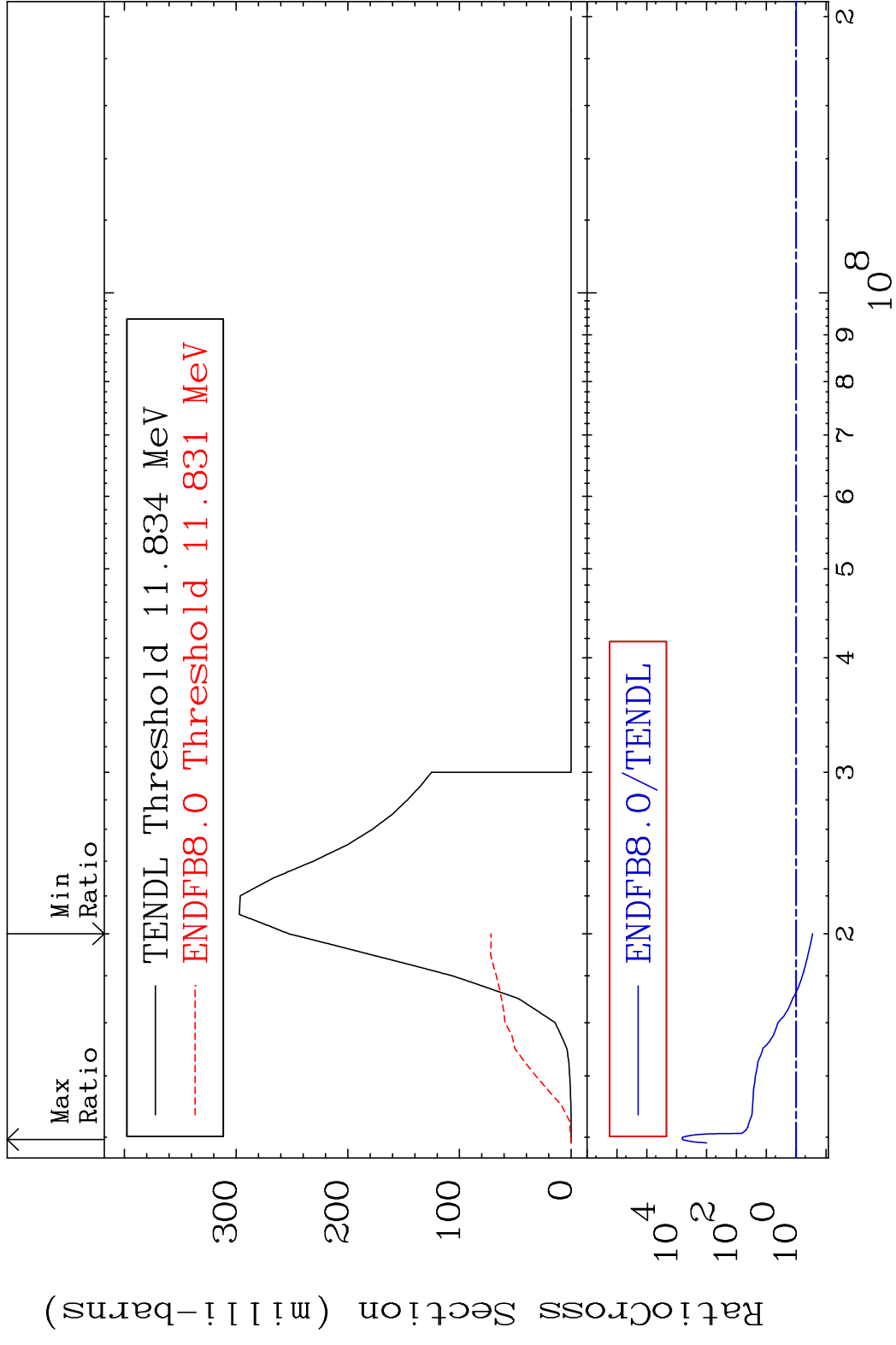
97-Bk-249

MAT 9752

(n,3n)

97-Bk-249

Cross Section -71.60 To 9999. %



5

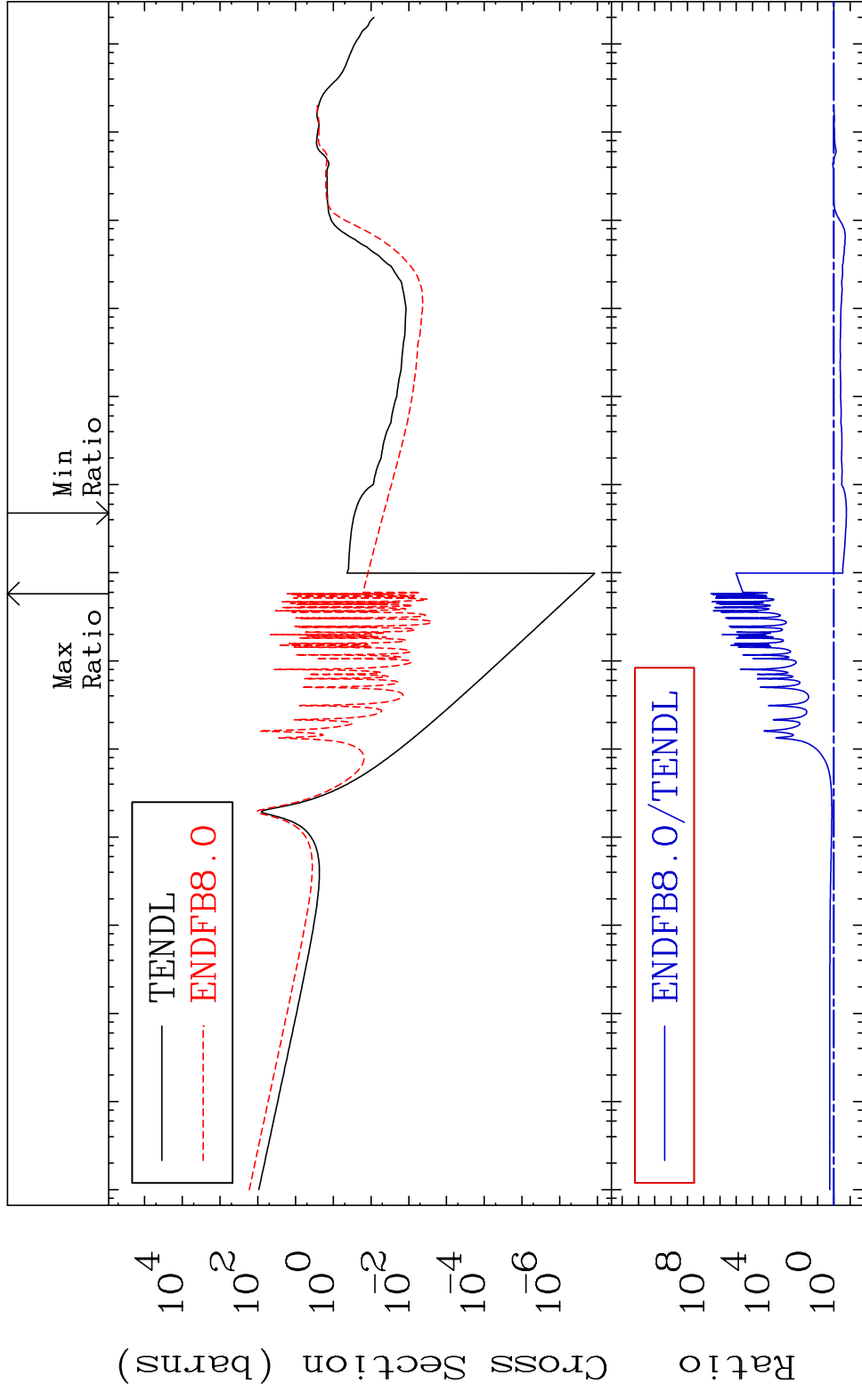
Incident Energy (eV)

97-Bk-249

MAT 9752

Fission Cross Section -82.84 To 9999. %

97-Bk-249

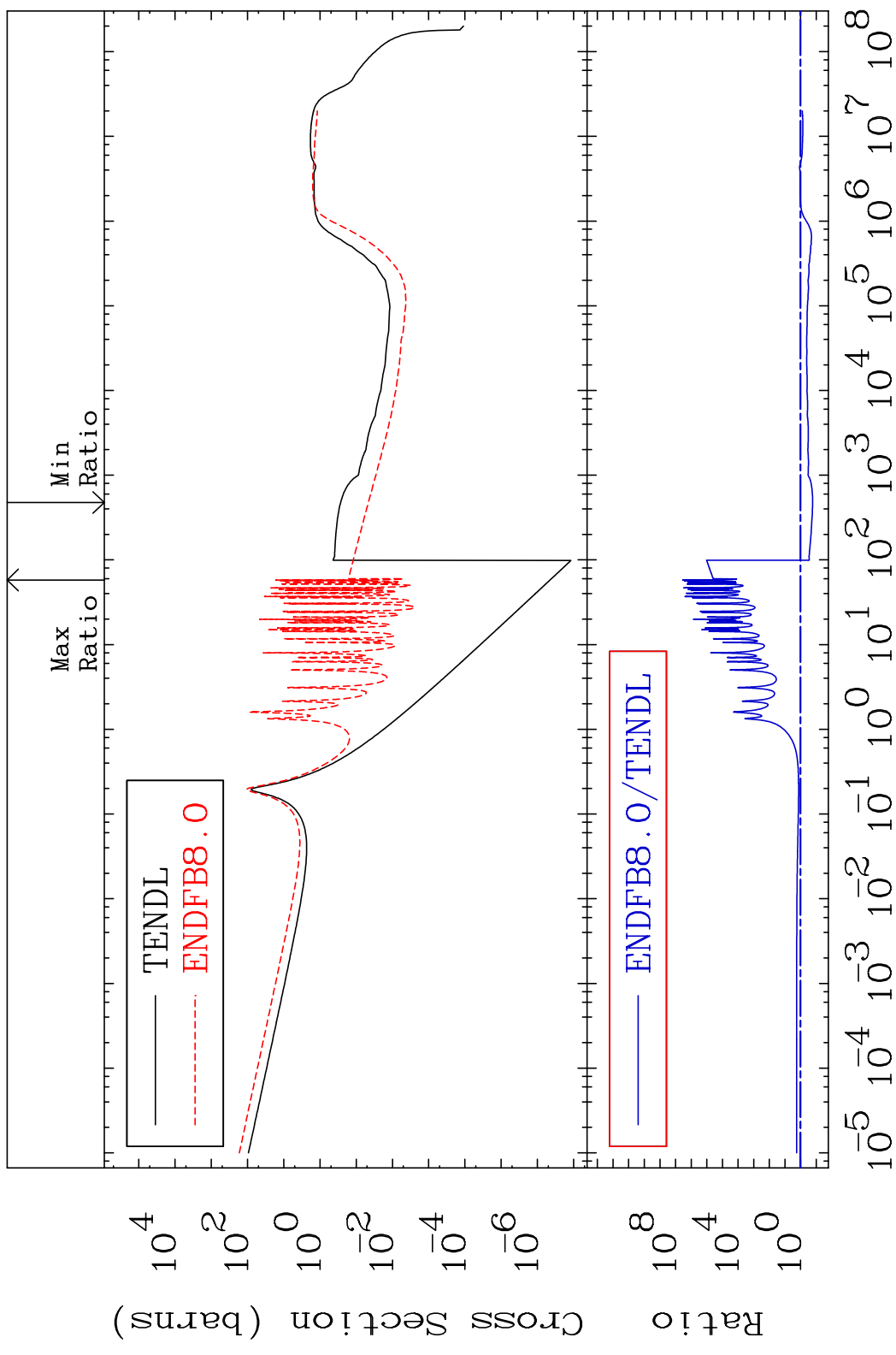


MAT 9752

(n,f) First Chance

97-Bk-249

Cross Section -82.84 To 9999. %



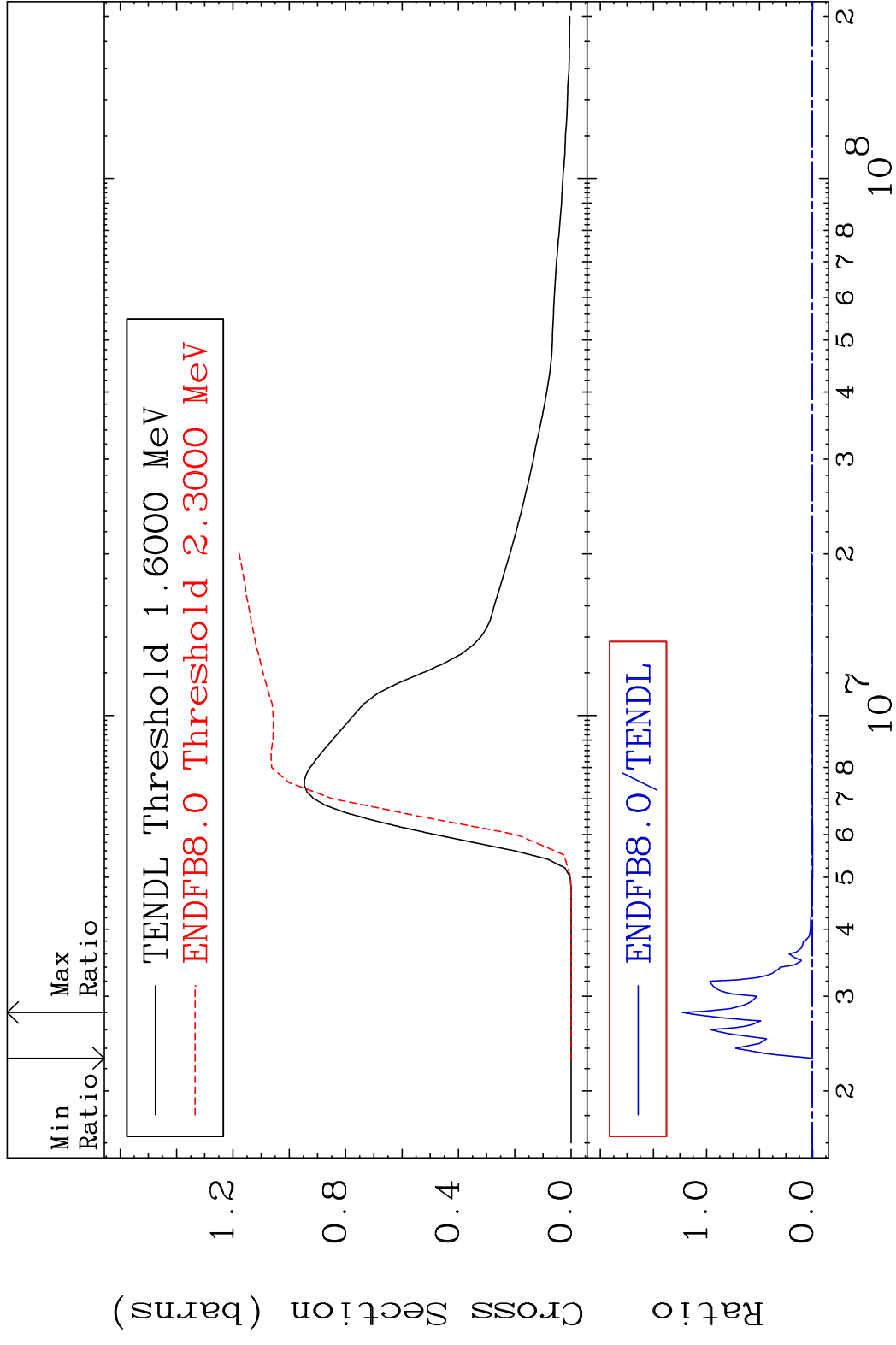
7

Incident Energy (eV)

97-Bk-249

MAT 9752

(n, nf) Second Chance 97-Bk-249
Cross Section -100.0 To 9999. %

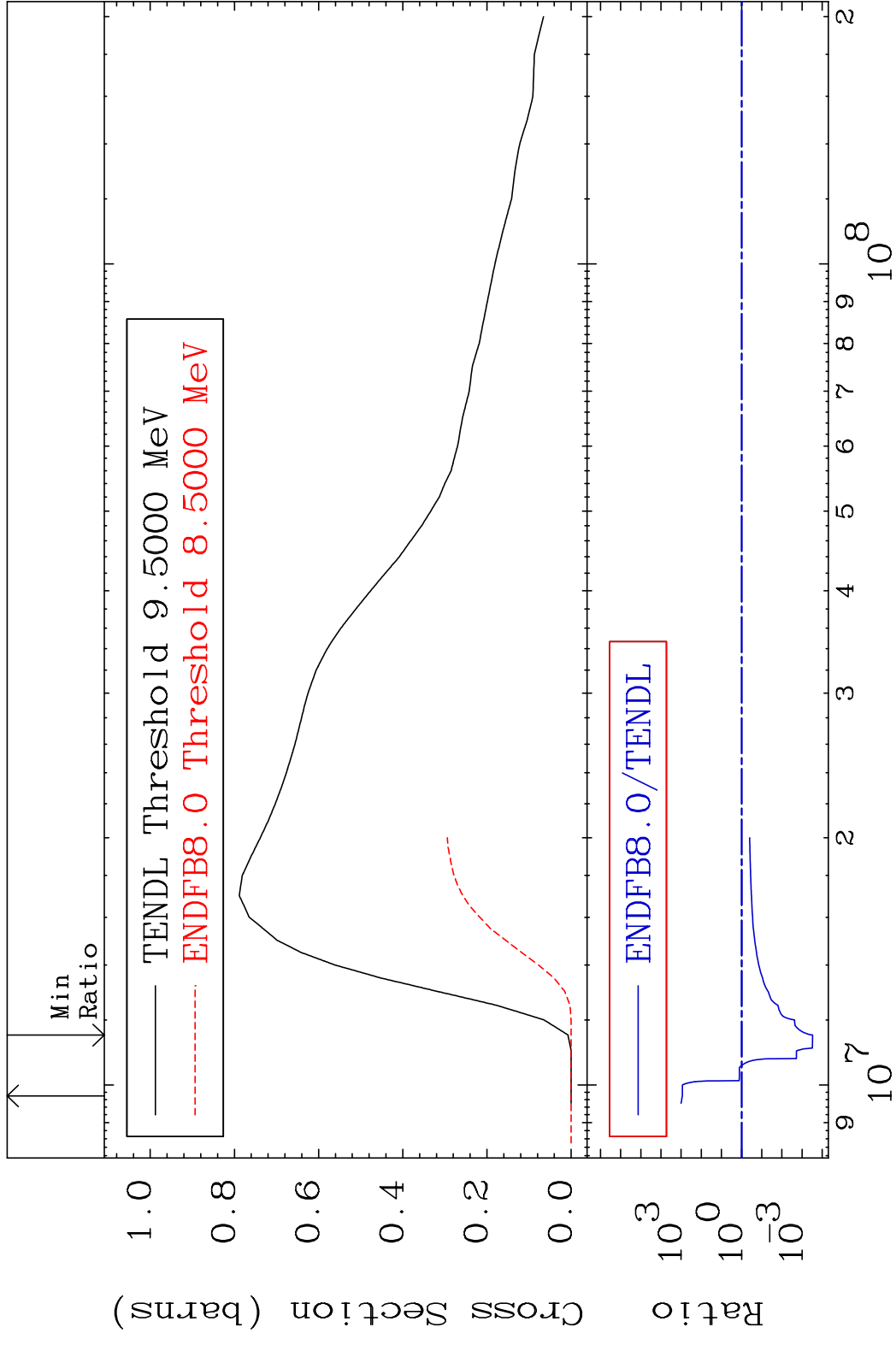


MAT 9752

(n,2nf) Third Chance

97-Bk-249

Cross Section -99.97 To 9999. %



9

Incident Energy (eV)

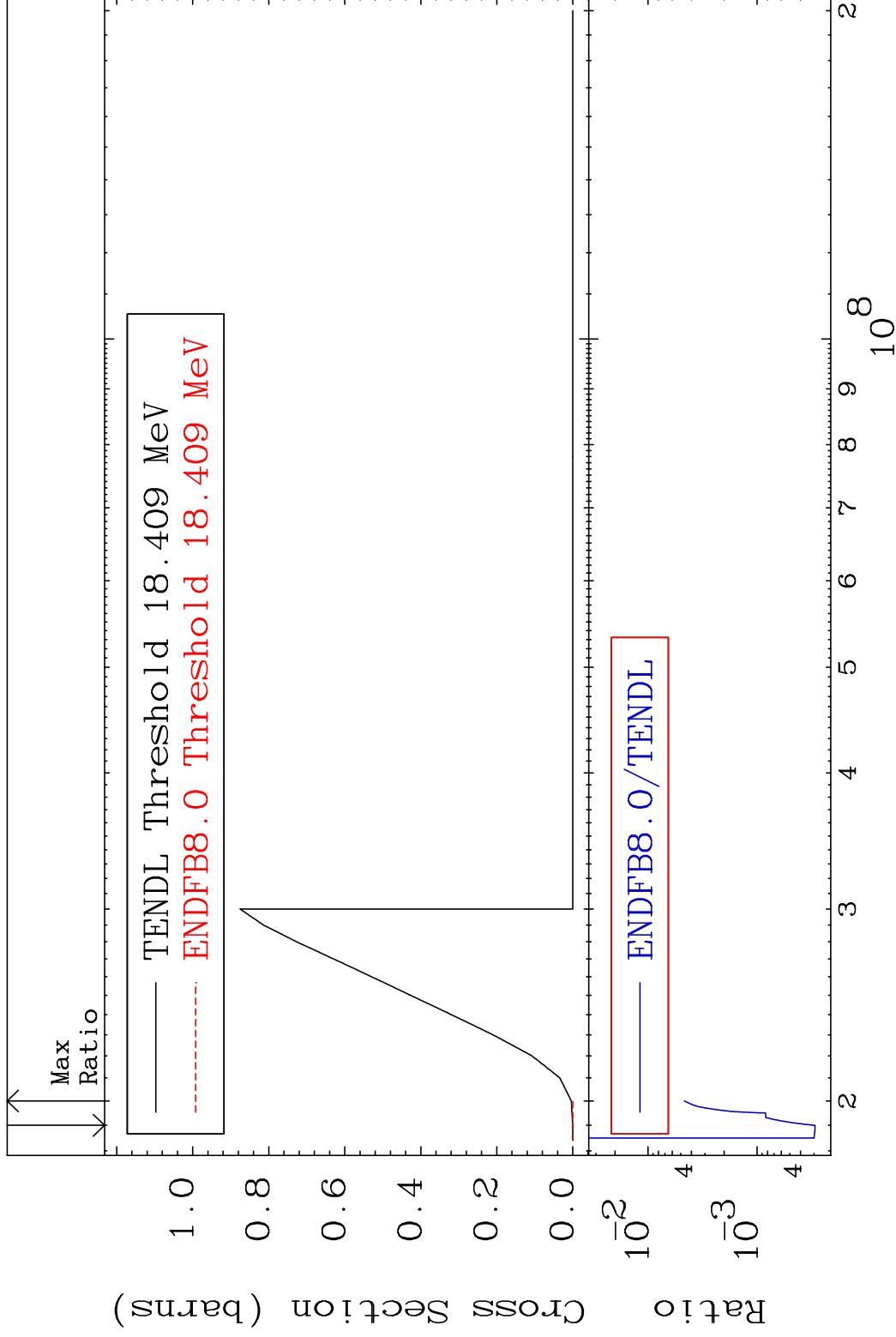
97-Bk-249

MAT 9752

(n,4n)

97-Bk-249

Cross Section -99.97 To -99.54%



10

Incident Energy (eV)

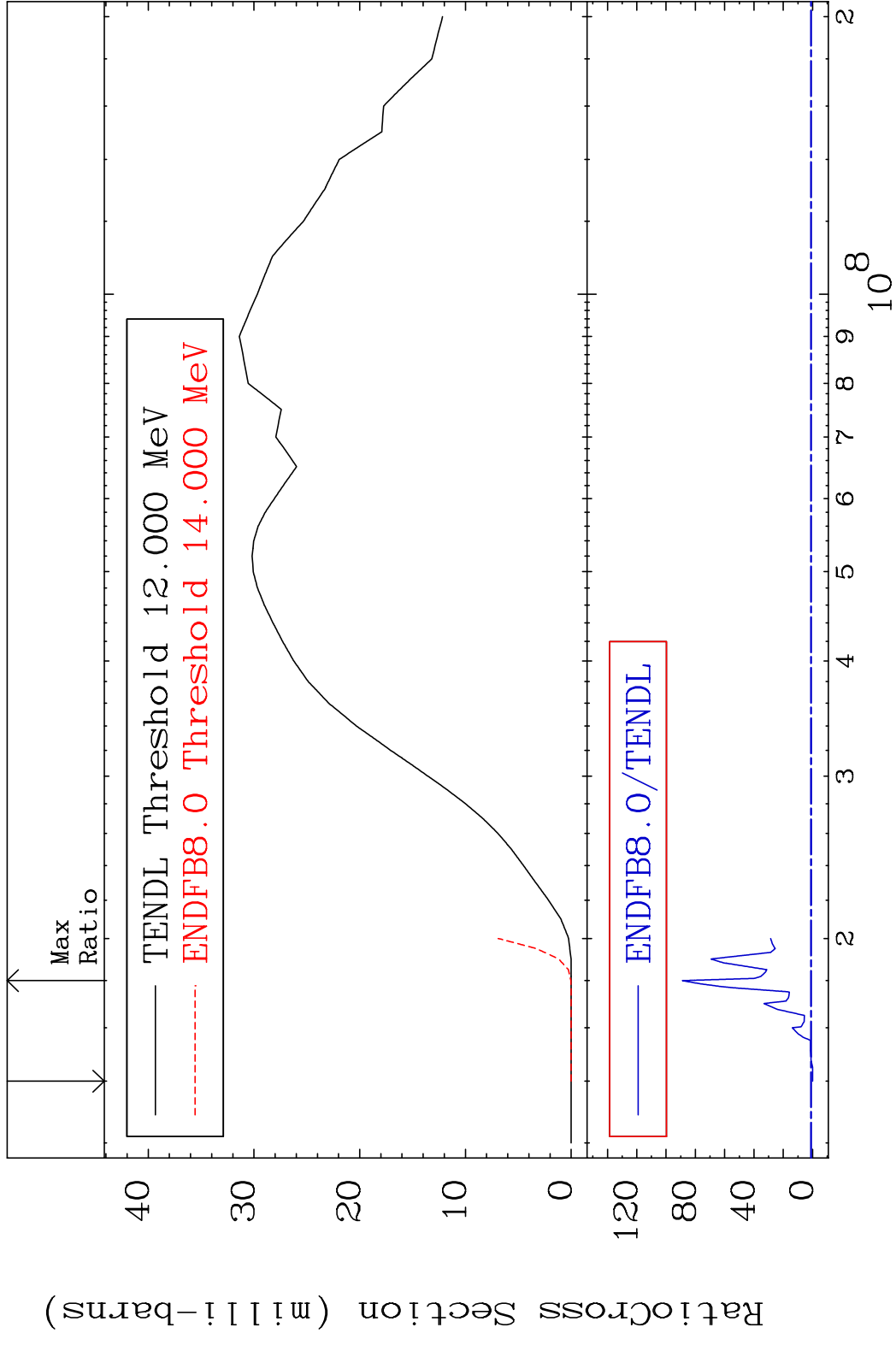
97-Bk-249

MAT 9752

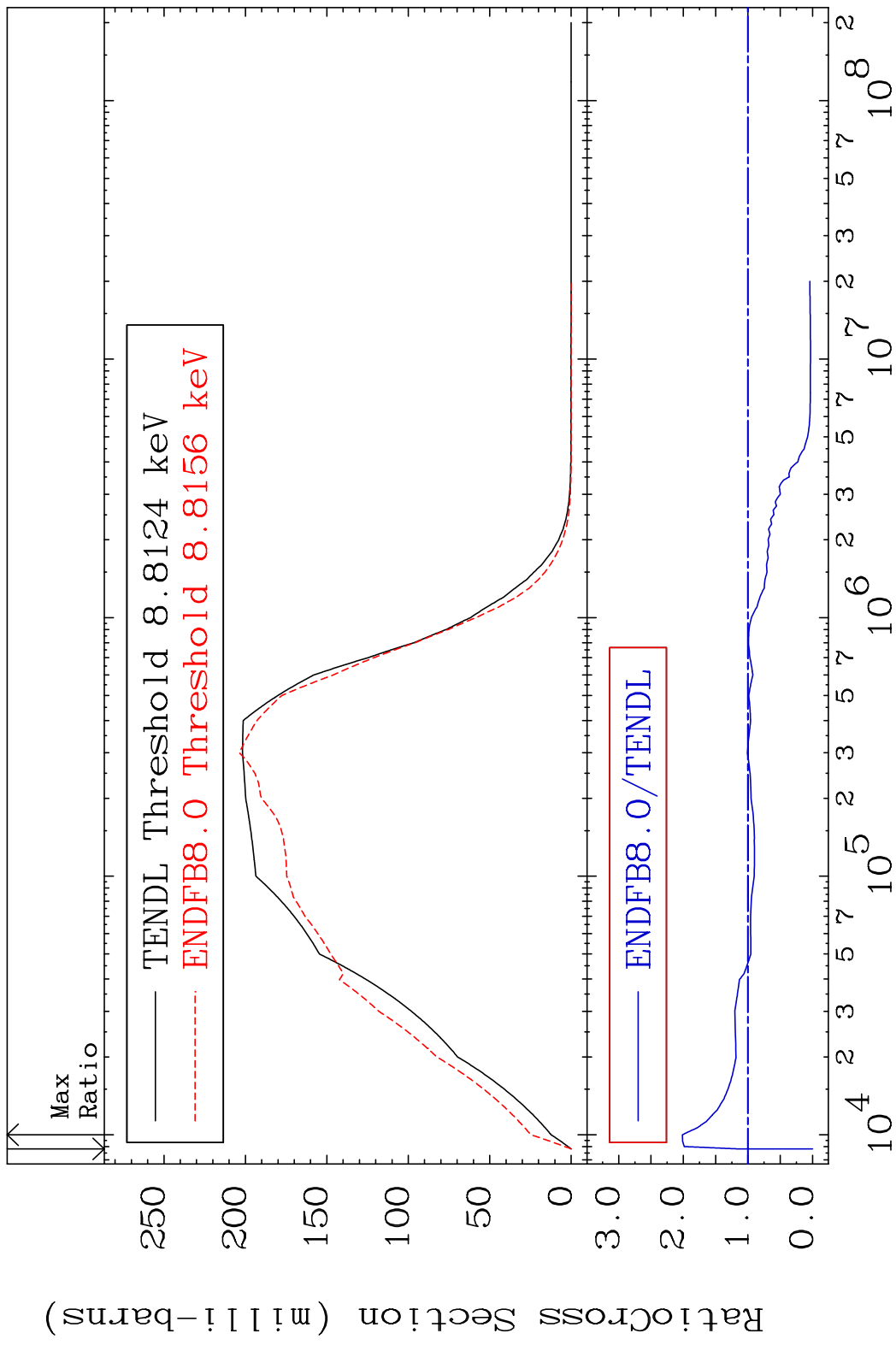
(n,3nf) Fourth Chance

97-Bk-249

Cross Section -100.0 To 8789. %

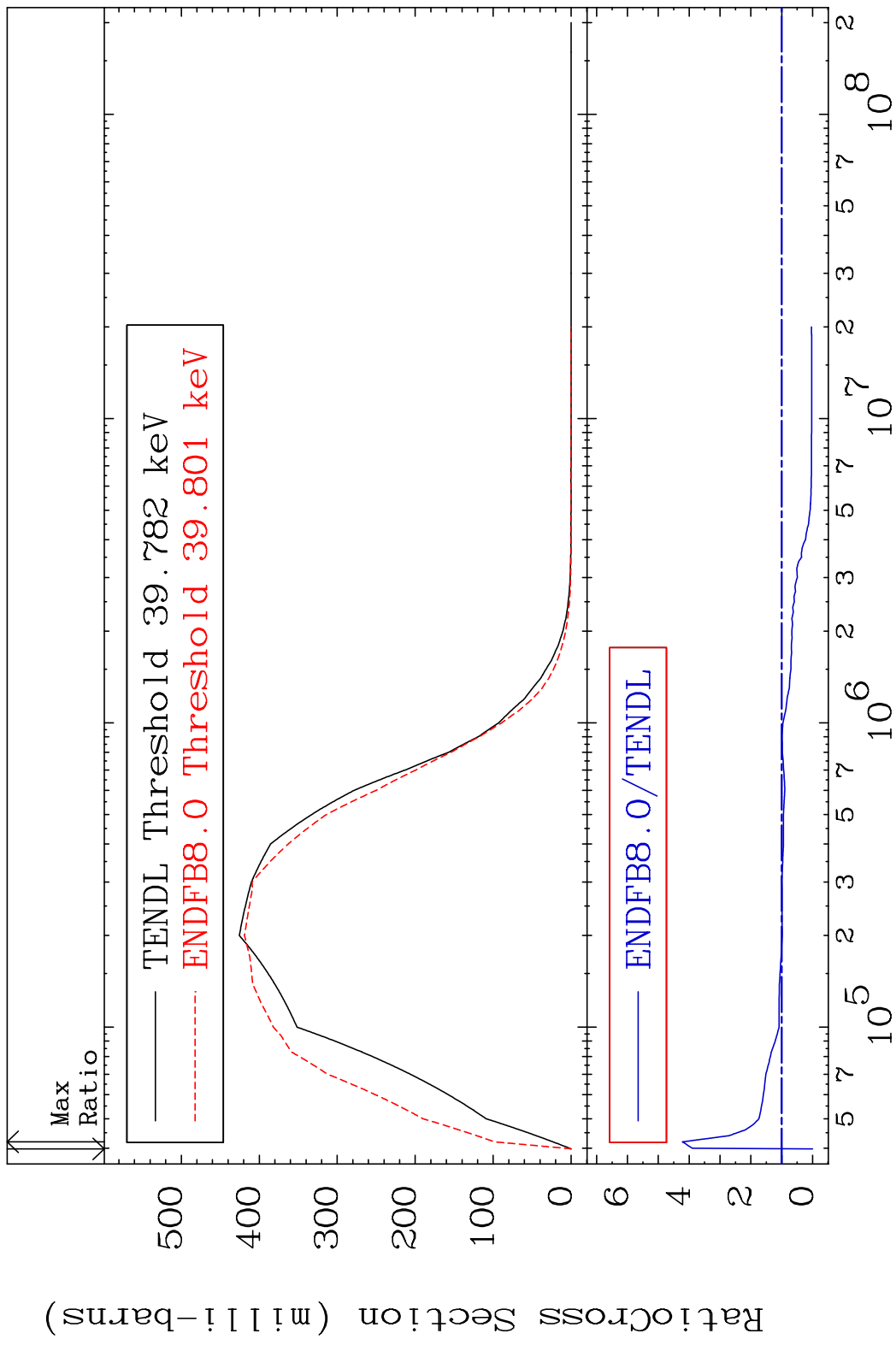


MAT 9752 MT= 51 (n, n') Level 97-Bk-249
 Cross Section -100.0 To 101.5 %

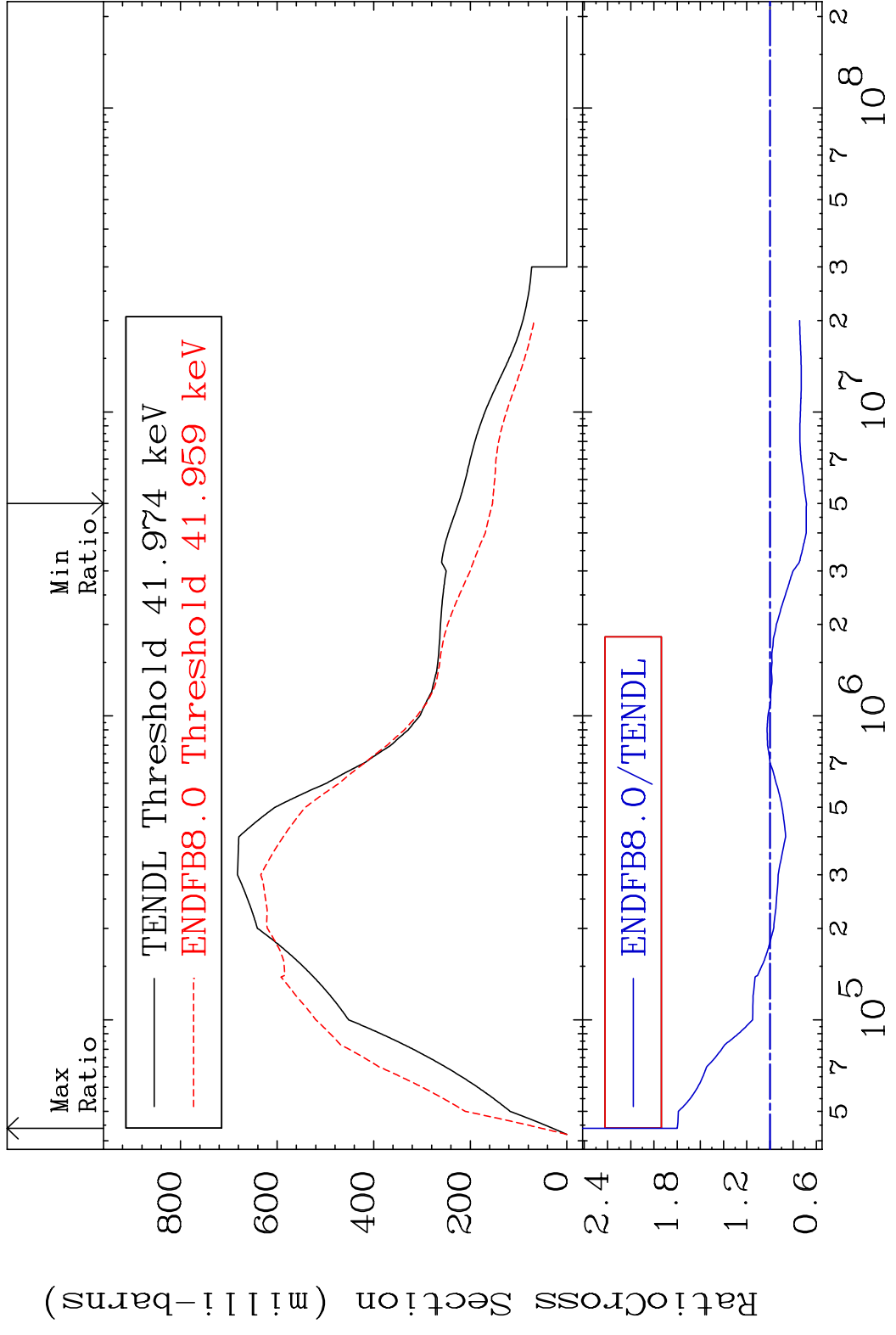


12 Incident Energy (eV) 97-Bk-249

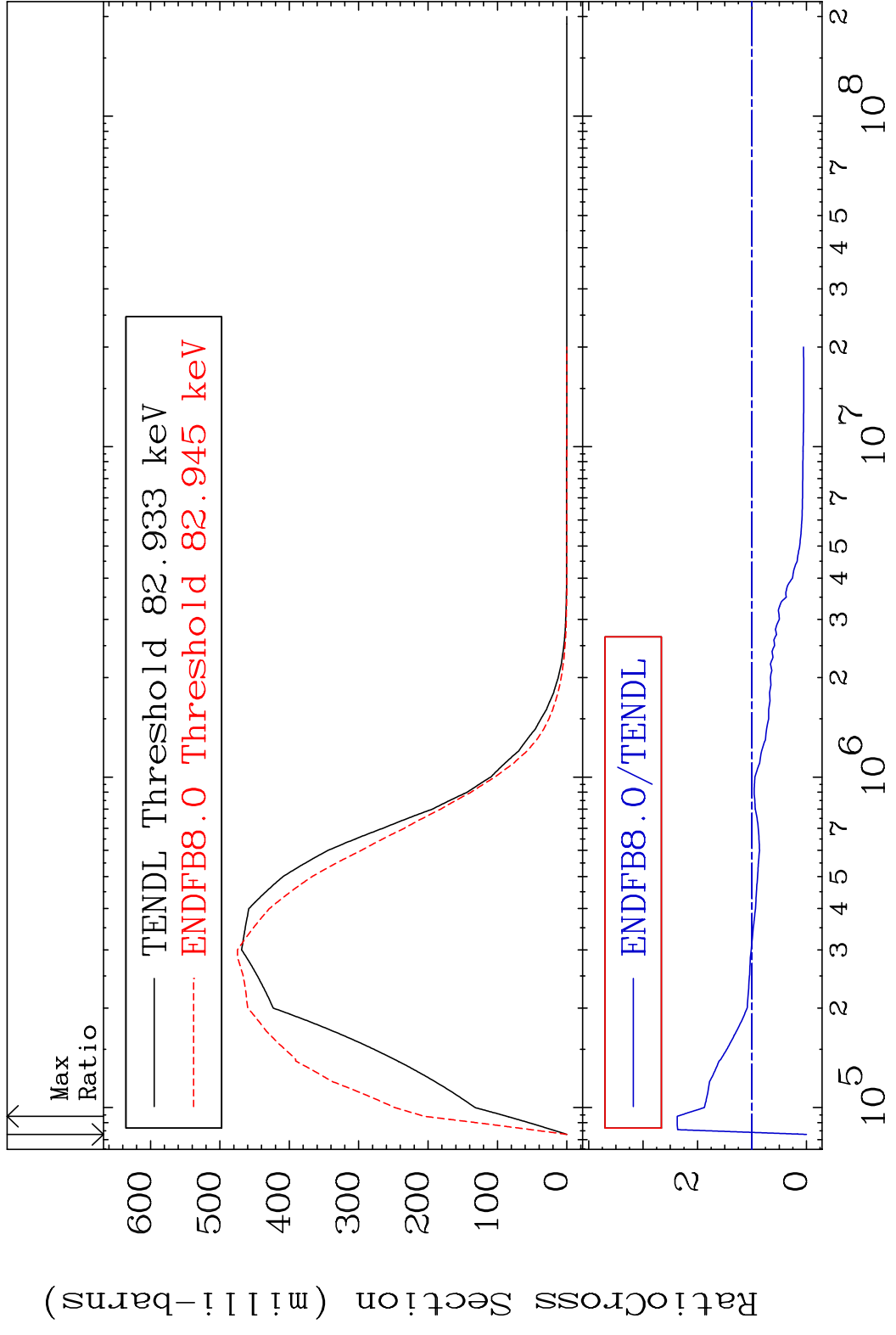
MAT 9752 MT= 52 (n, n') Level 97-Bk-249
 Cross Section -100.0 To 322.1 %



MAT 9752 MT= 53 (n, n') Level 97-Bk-249
 Cross Section -31.38 To 79.96 %

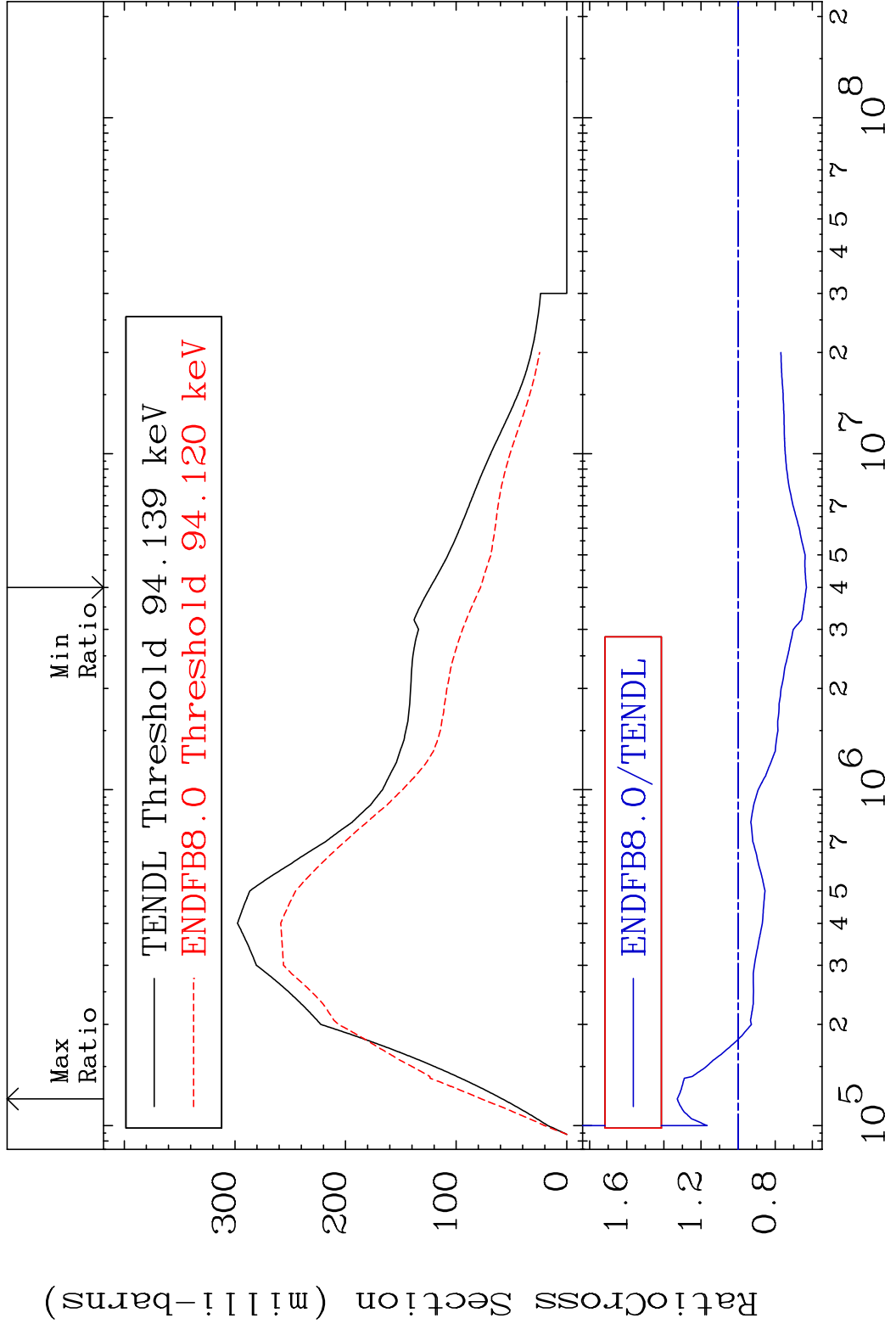


MAT 9752 MT= 54 (n, n') Level 97-Bk-249
 Cross Section -100.0 To 137.4 %



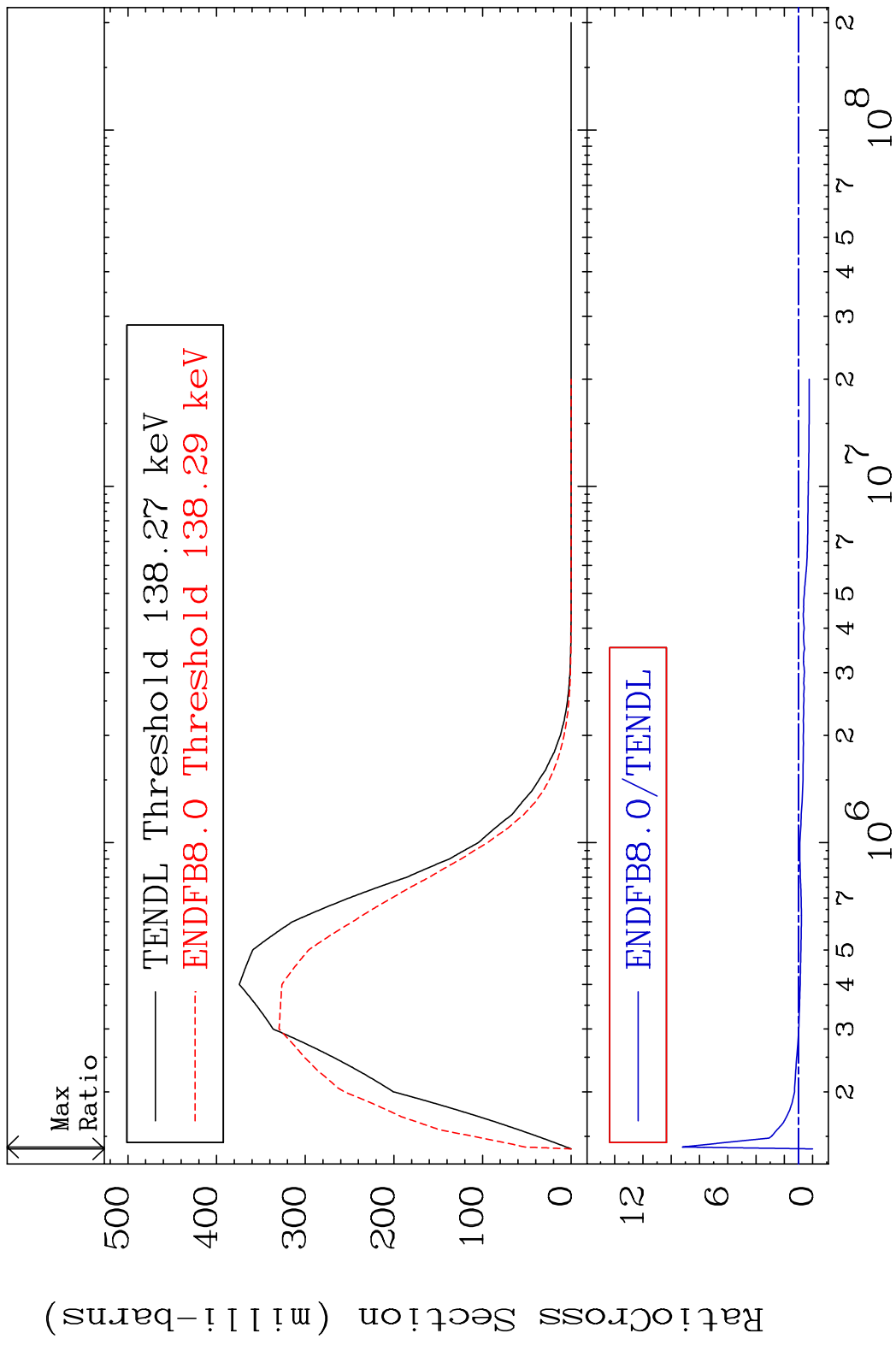
15 Incident Energy (eV) 97-Bk-249

MAT 9752 MT= 55 (n, n') Level 97-Bk-249
 Cross Section -36.81 To 32.82 %

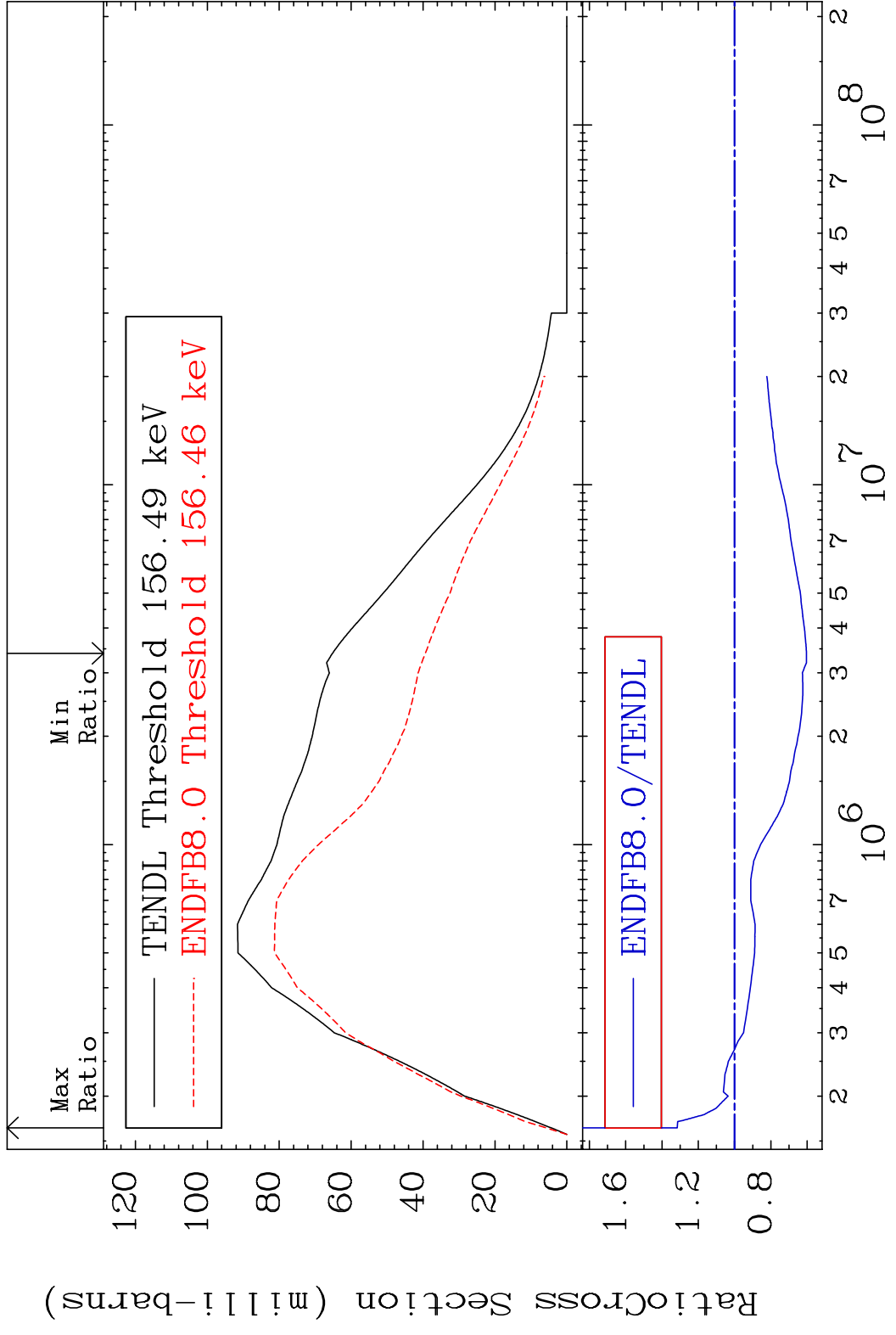


16 97-Bk-249

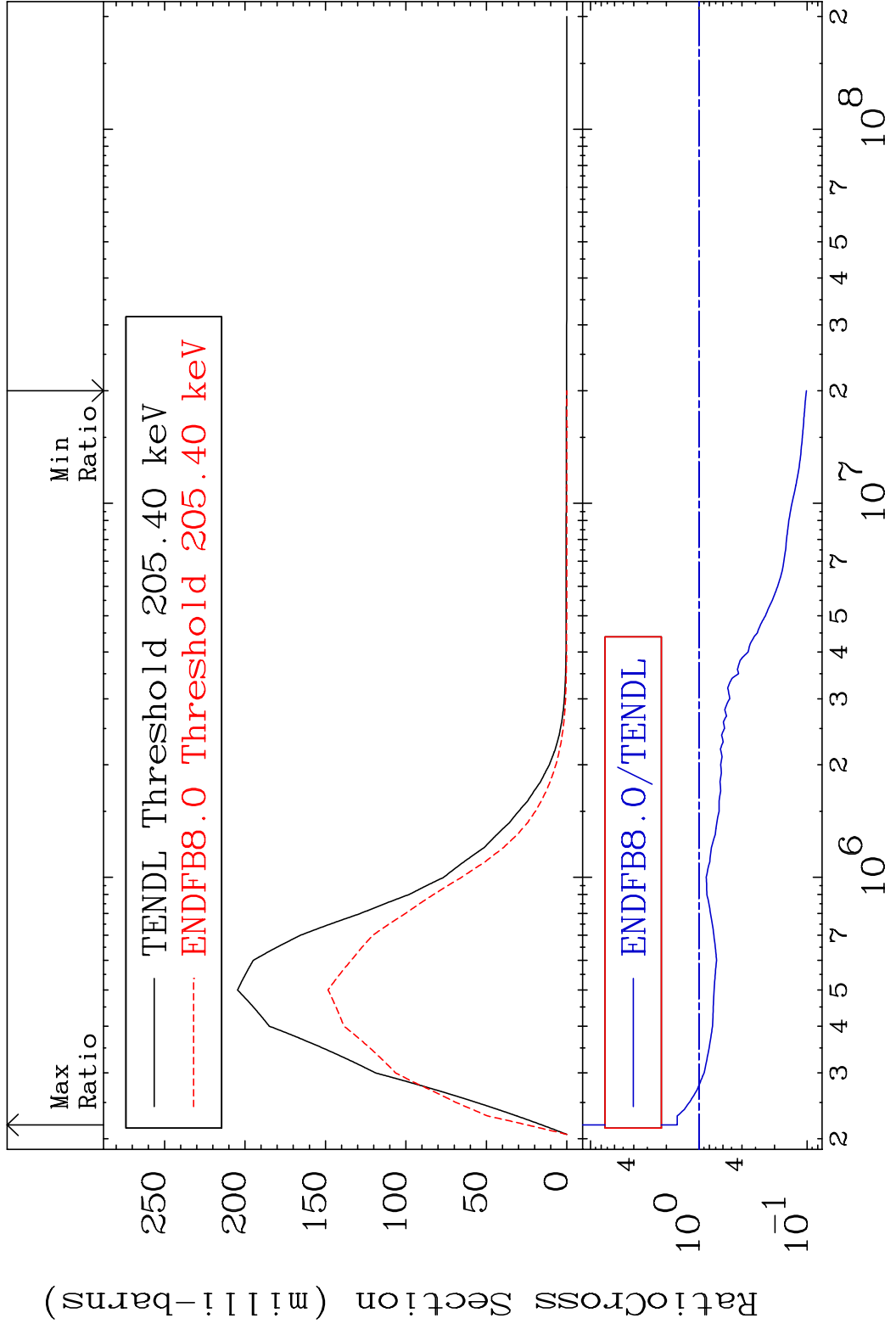
MAT 9752 MT= 56 (n, n') Level 97-Bk-249
 Cross Section -100.0 To 821.5 %



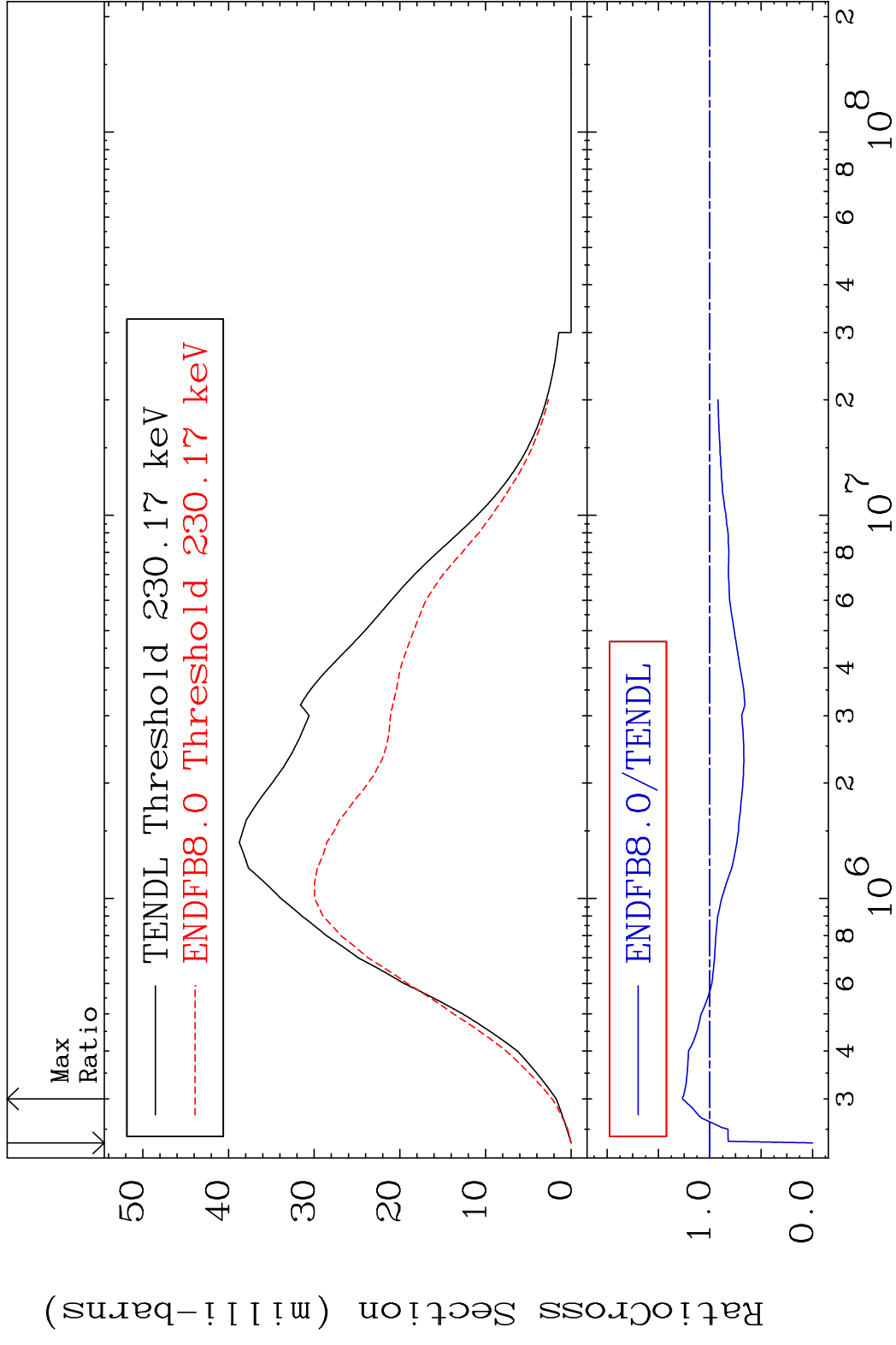
MAT 9752 MT= 57 (n, n') Level 97-Bk-249
 Cross Section -39.59 To 31.63 %



MAT 9752 MT= 58 (n,n') Level 97-Bk-249
 Cross Section -89.82 To 58.75 %

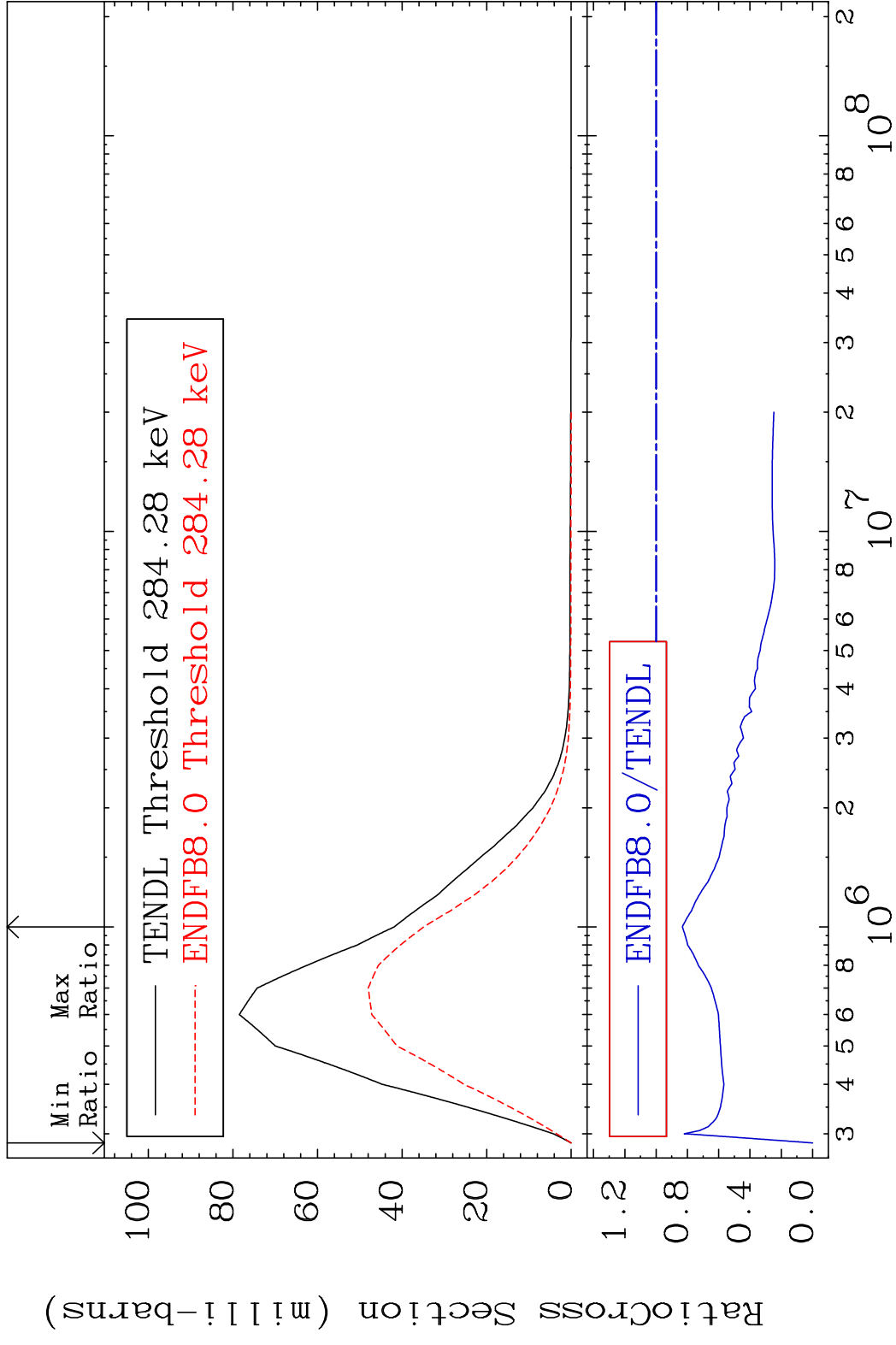


MAT 9752 MT= 59 (n, n') Level 97-Bk-249
 Cross Section -100.0 To 26.70 %



20 Incident Energy (eV) 97-Bk-249

MAT 9752 MT= 60 (n,n') Level 97-Bk-249
 Cross Section -100.0 To -16.77%

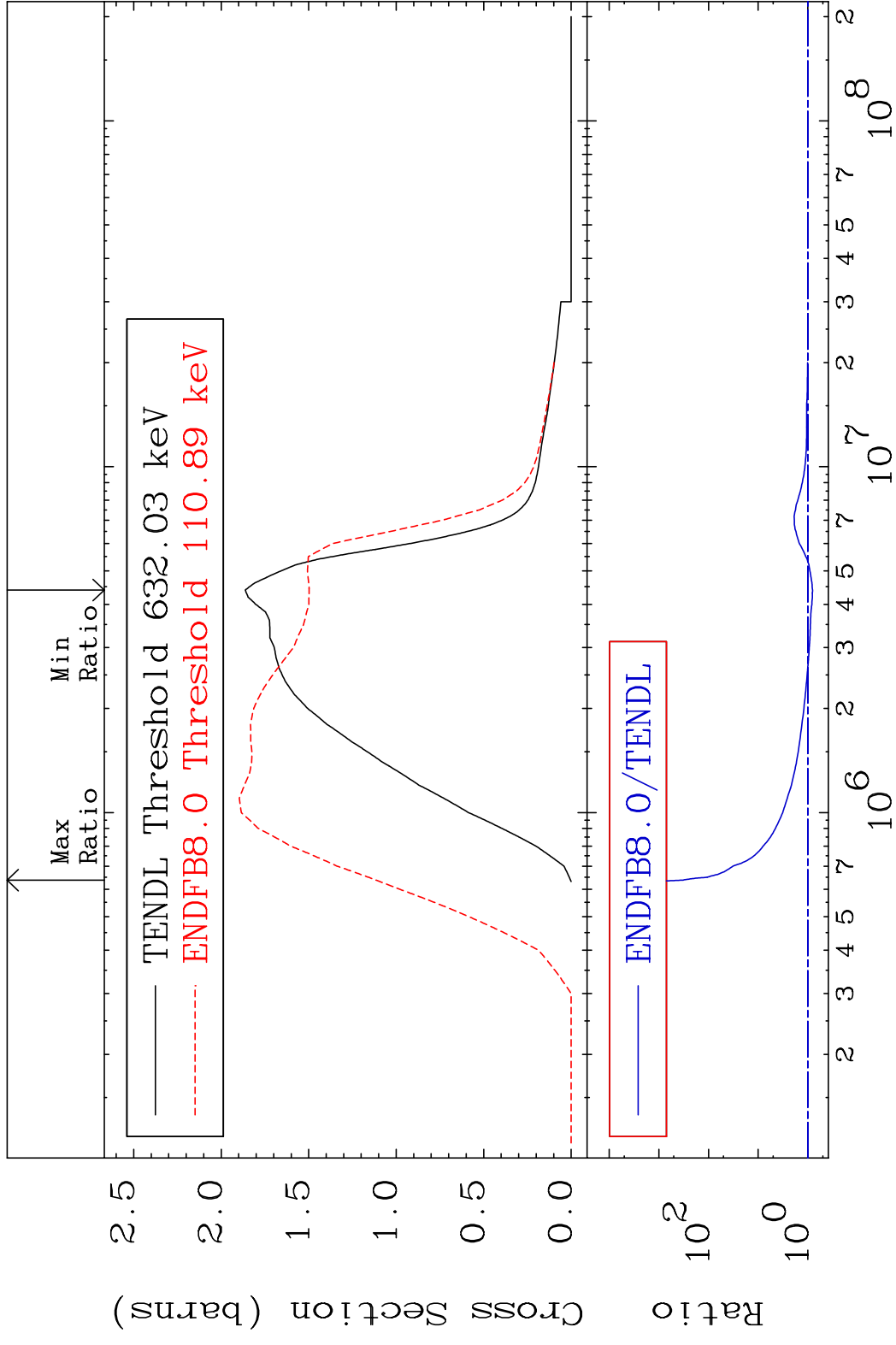


MAT 9752

(n, n') Continuum

97-Bk-249

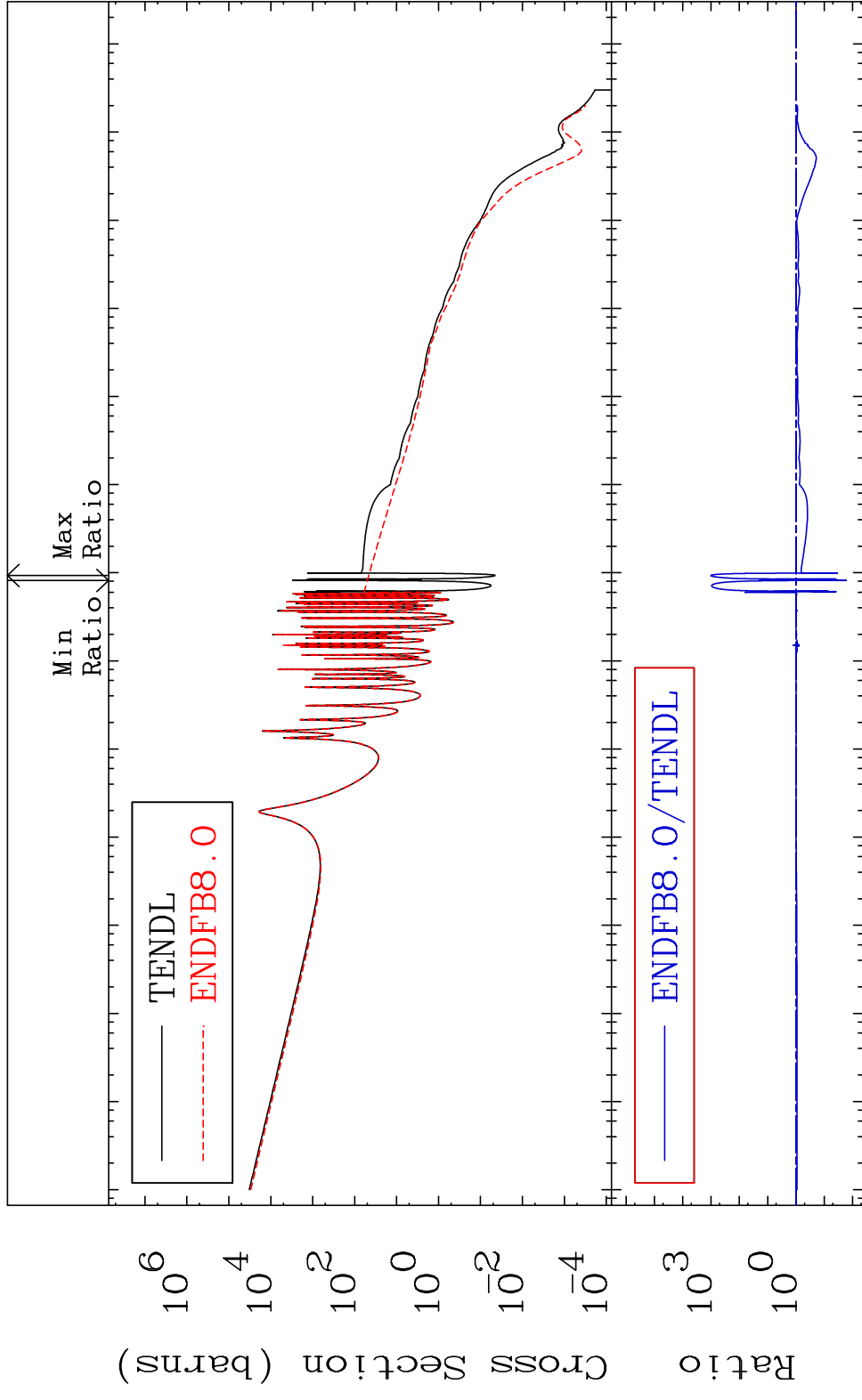
Cross Section -19.59 To 9999. %



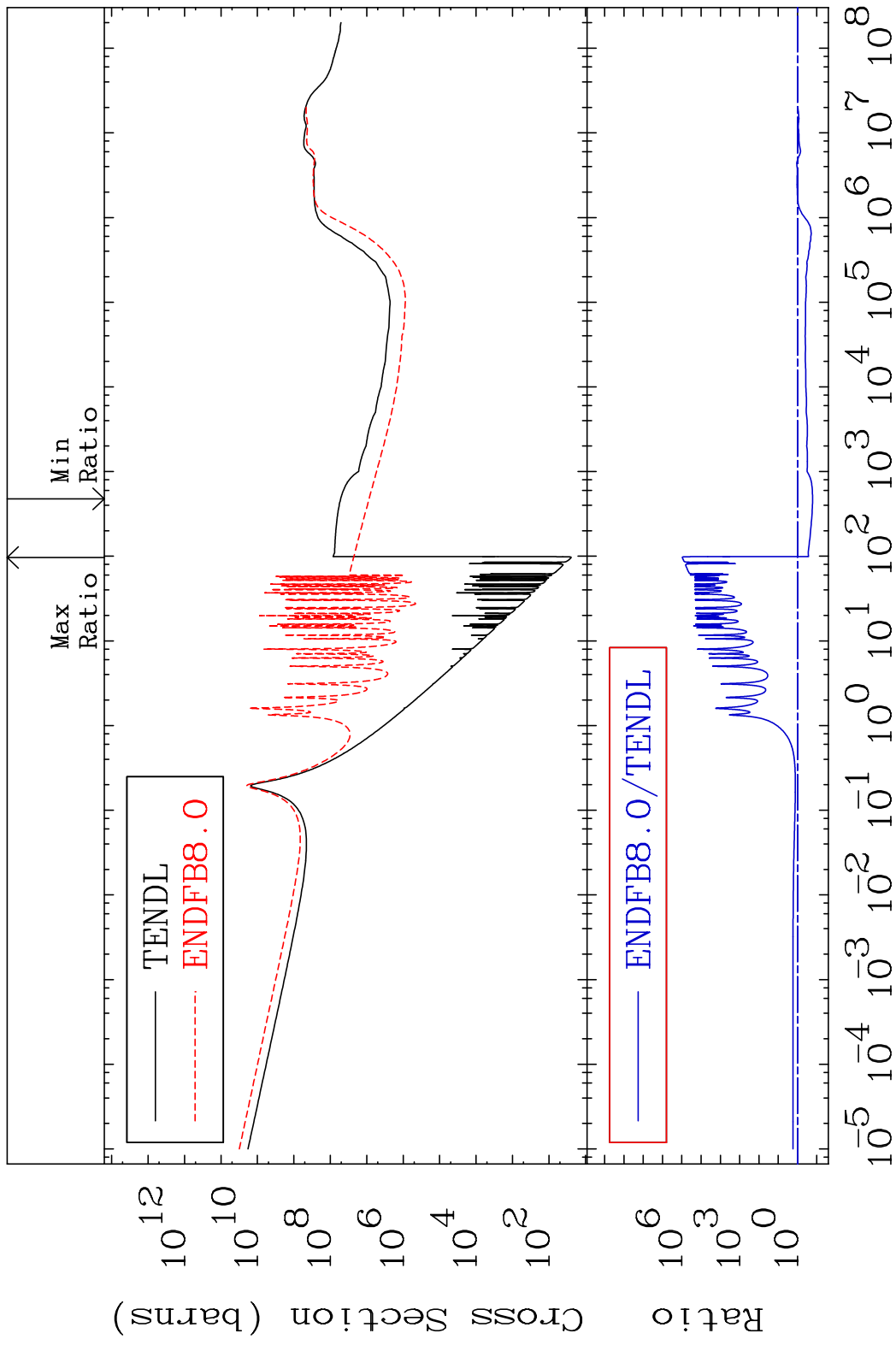
MAT 9752

(n, γ)
Cross Section -98.35 To 9999. %

97-Bk-249



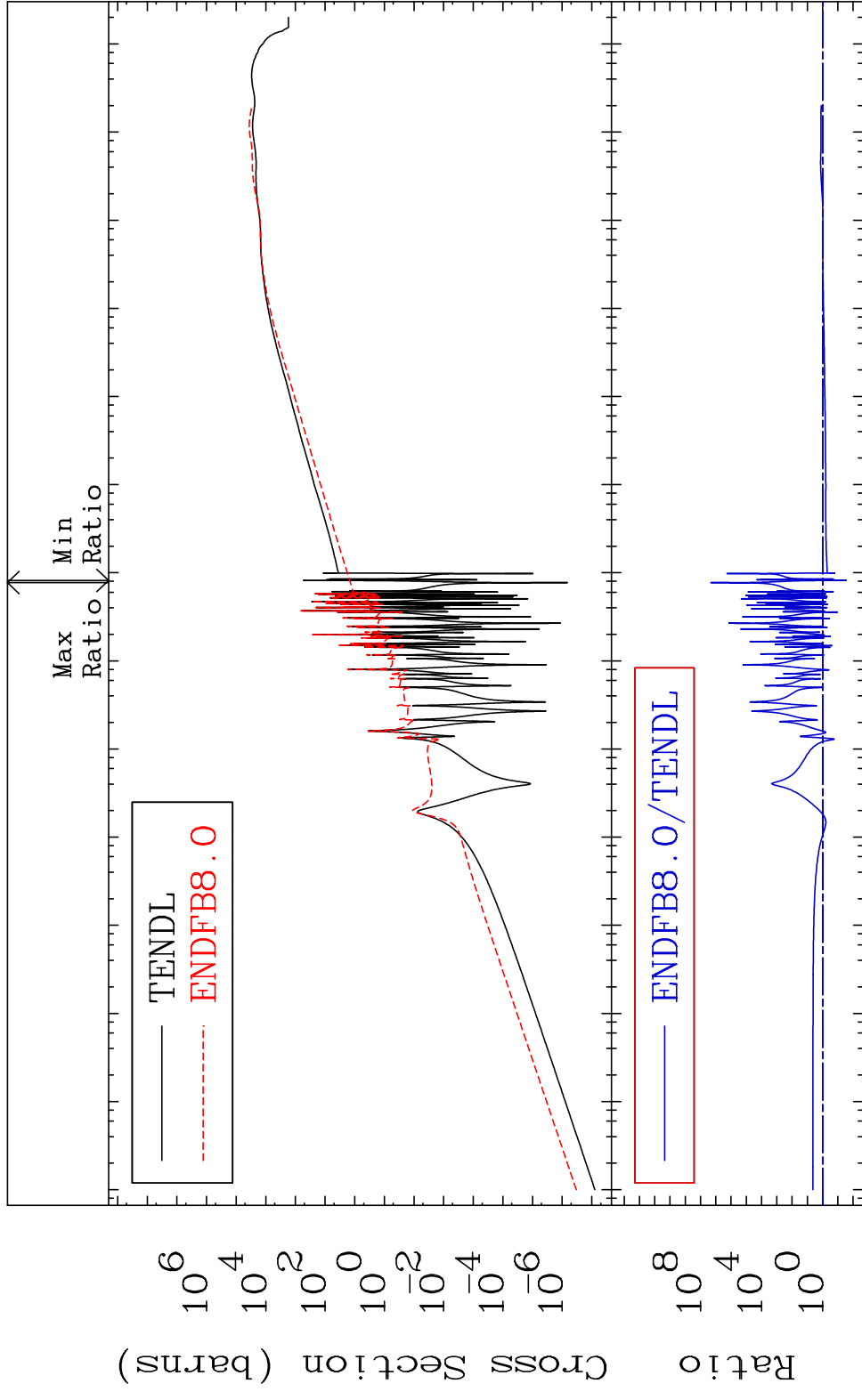
MAT 9752 Kerma total (eV-barns) 97-Bk-249
 Cross Section -83.41 To 9999. %



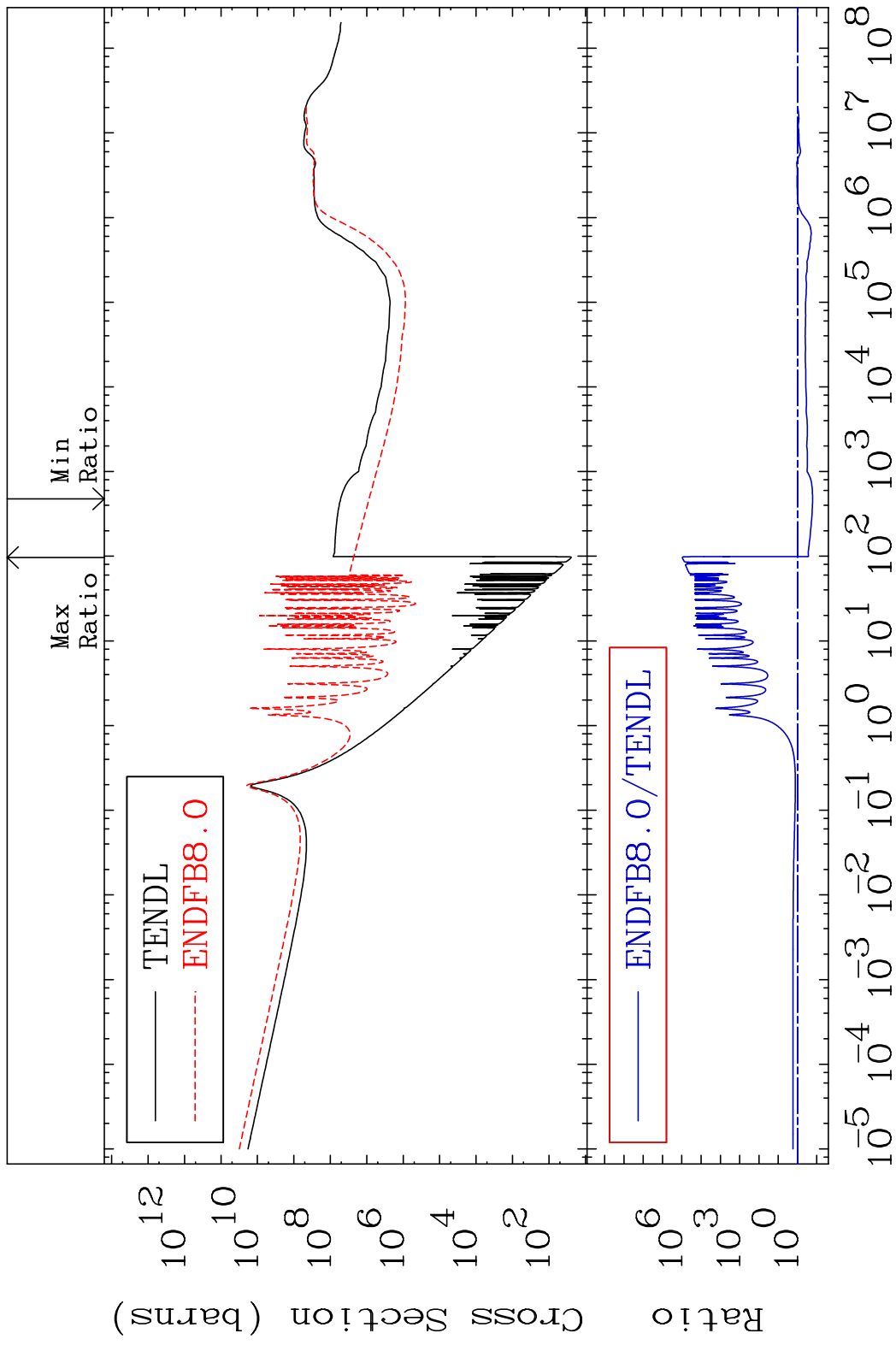
MAT 9752

Kerma elastic
Cross Section -97.22 To 9999. %

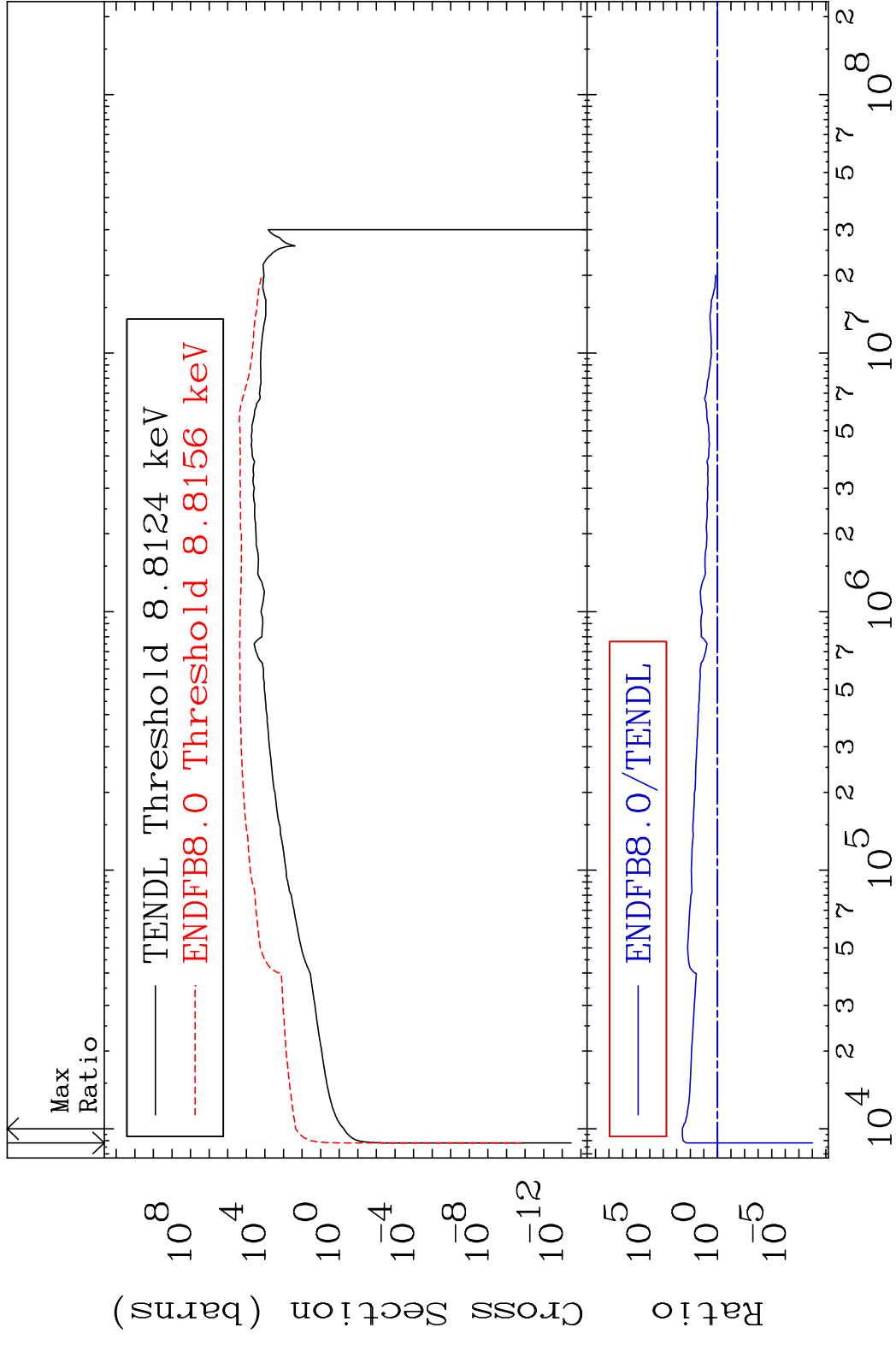
97-Bk-249



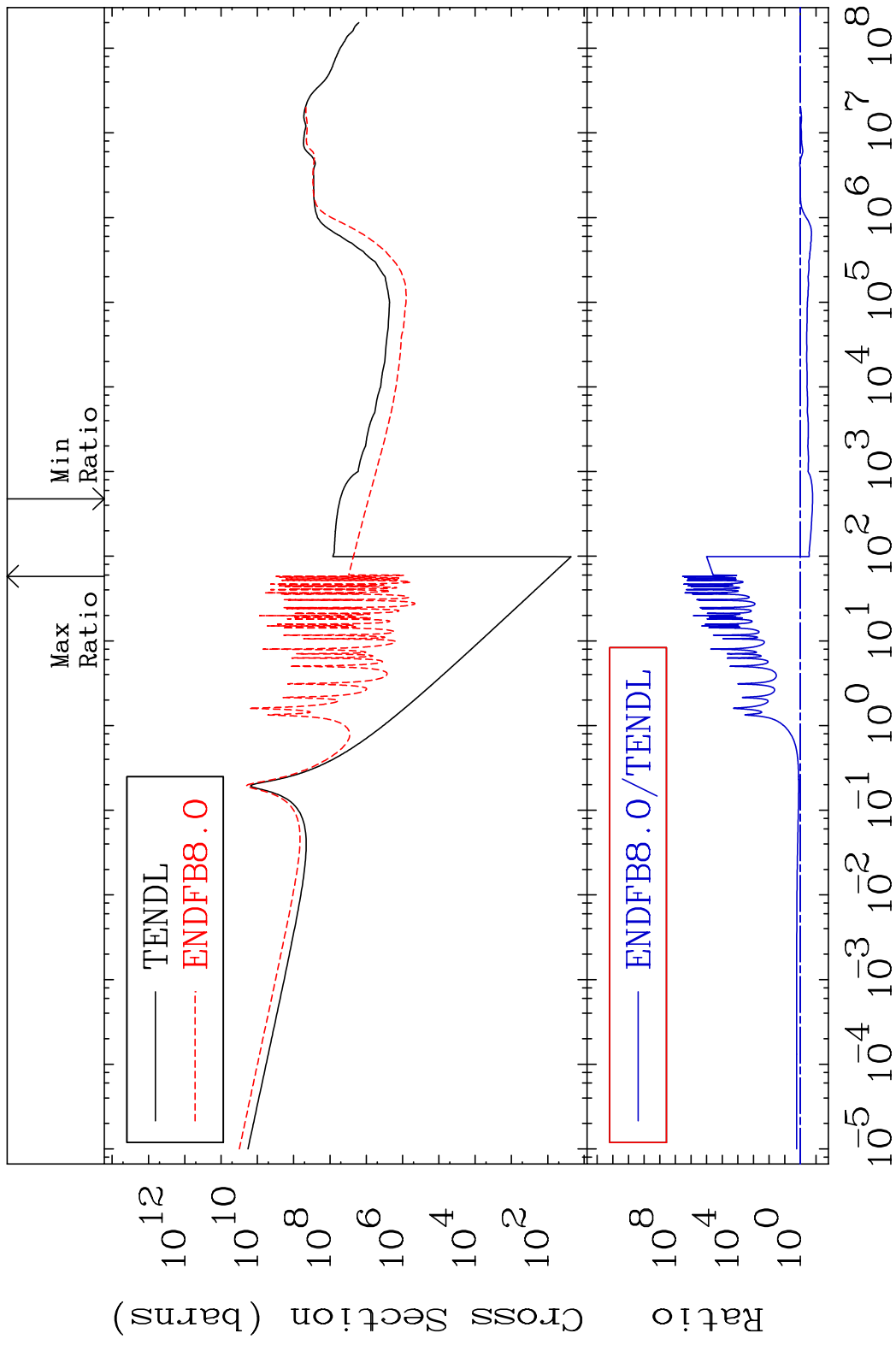
MAT 9752 Kerma non-elastic (all but mt2) 97-Bk-249
 Cross Section -83.41 To 9999. %



MAT 9752 Kerma inelastic (mt51-91) 97-Bk-249
 Cross Section -100.0 To 9999. %

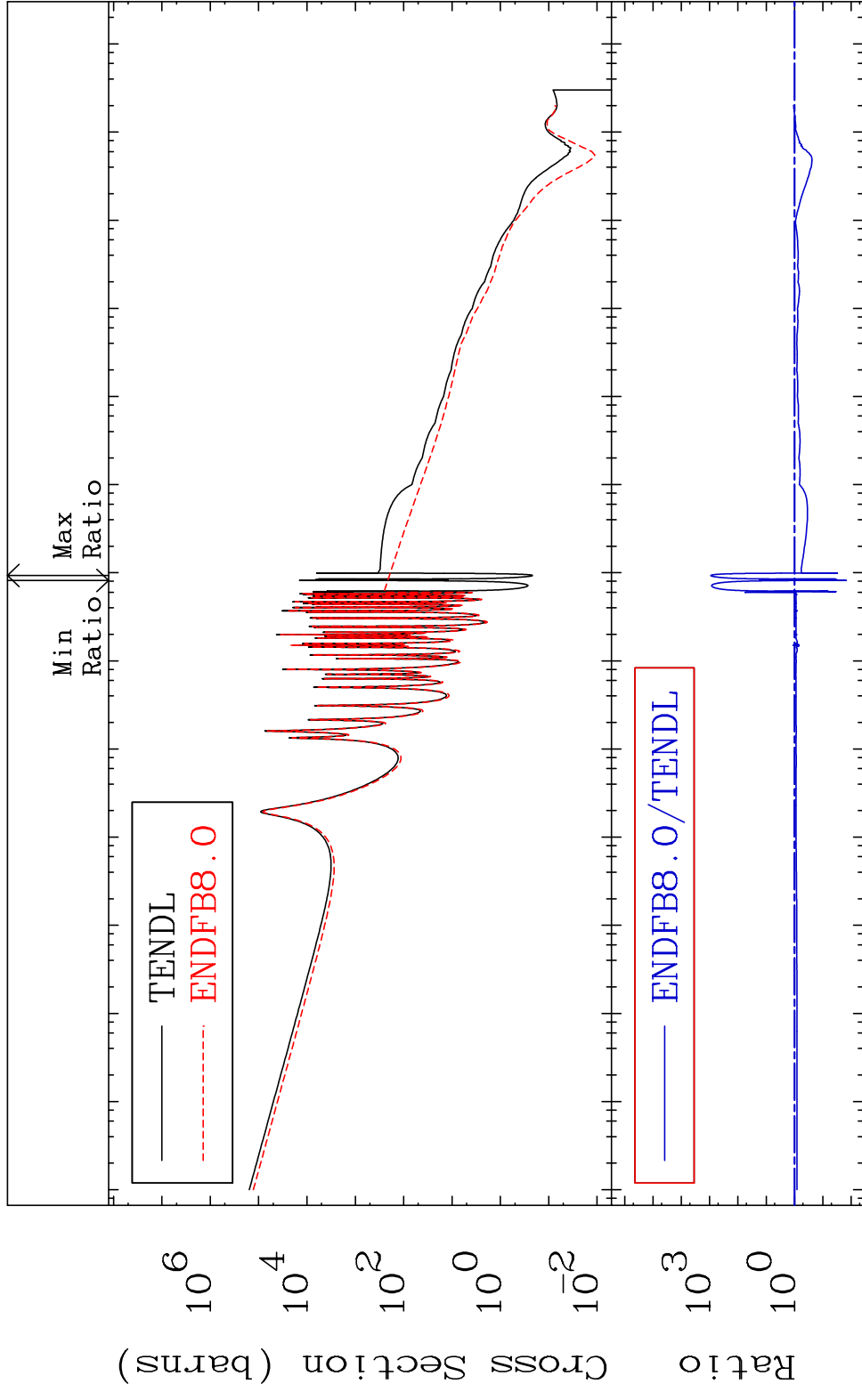


MAT 9752 Kerma fission (mt18 or mt19-20-21-38) 97-Bk-249
 Cross Section -83.41 To 9999. %



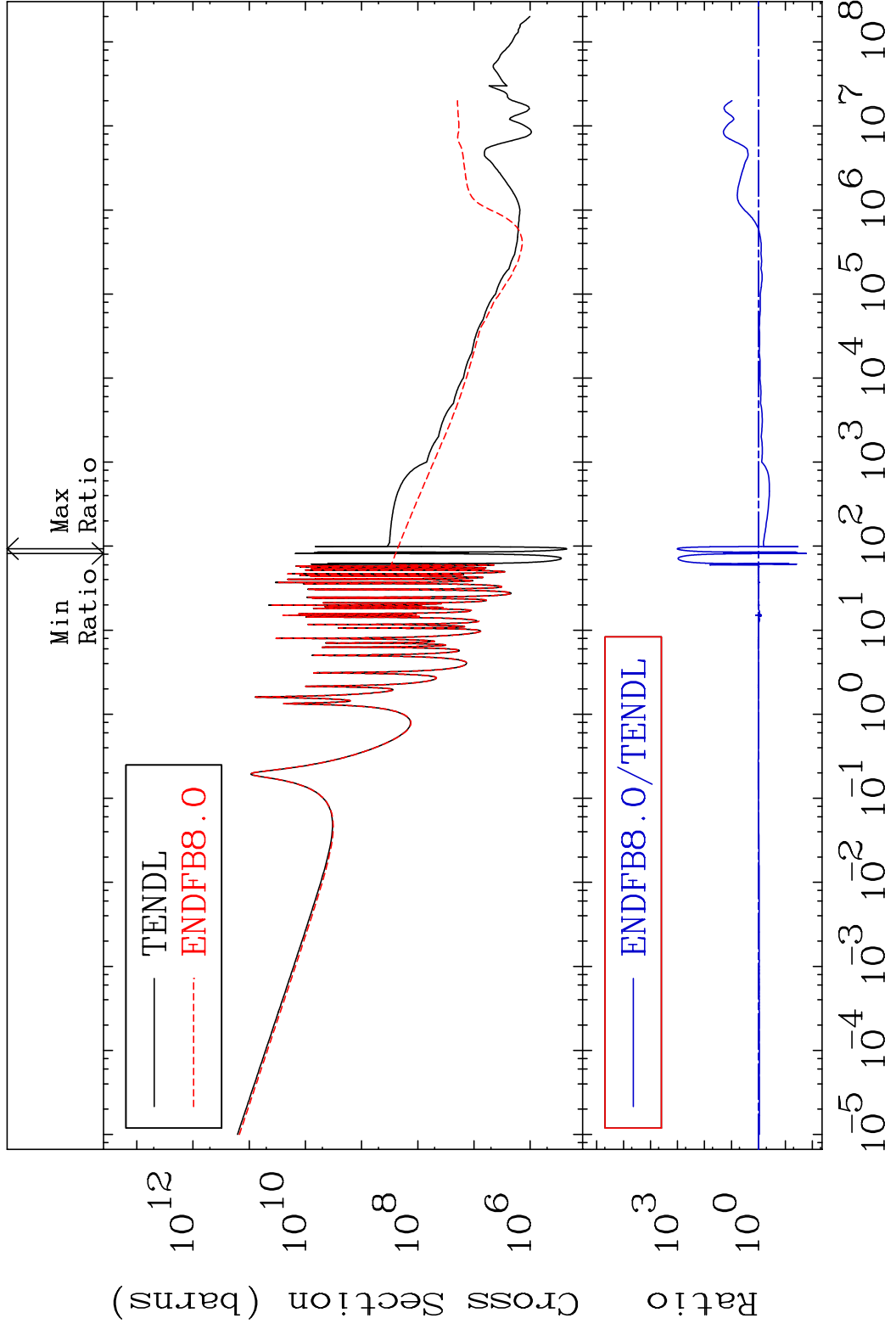
MAT 9752

Kerma capture (mt102) 97-Bk-249
Cross Section -98.53 To 9999. %



MAT 9752

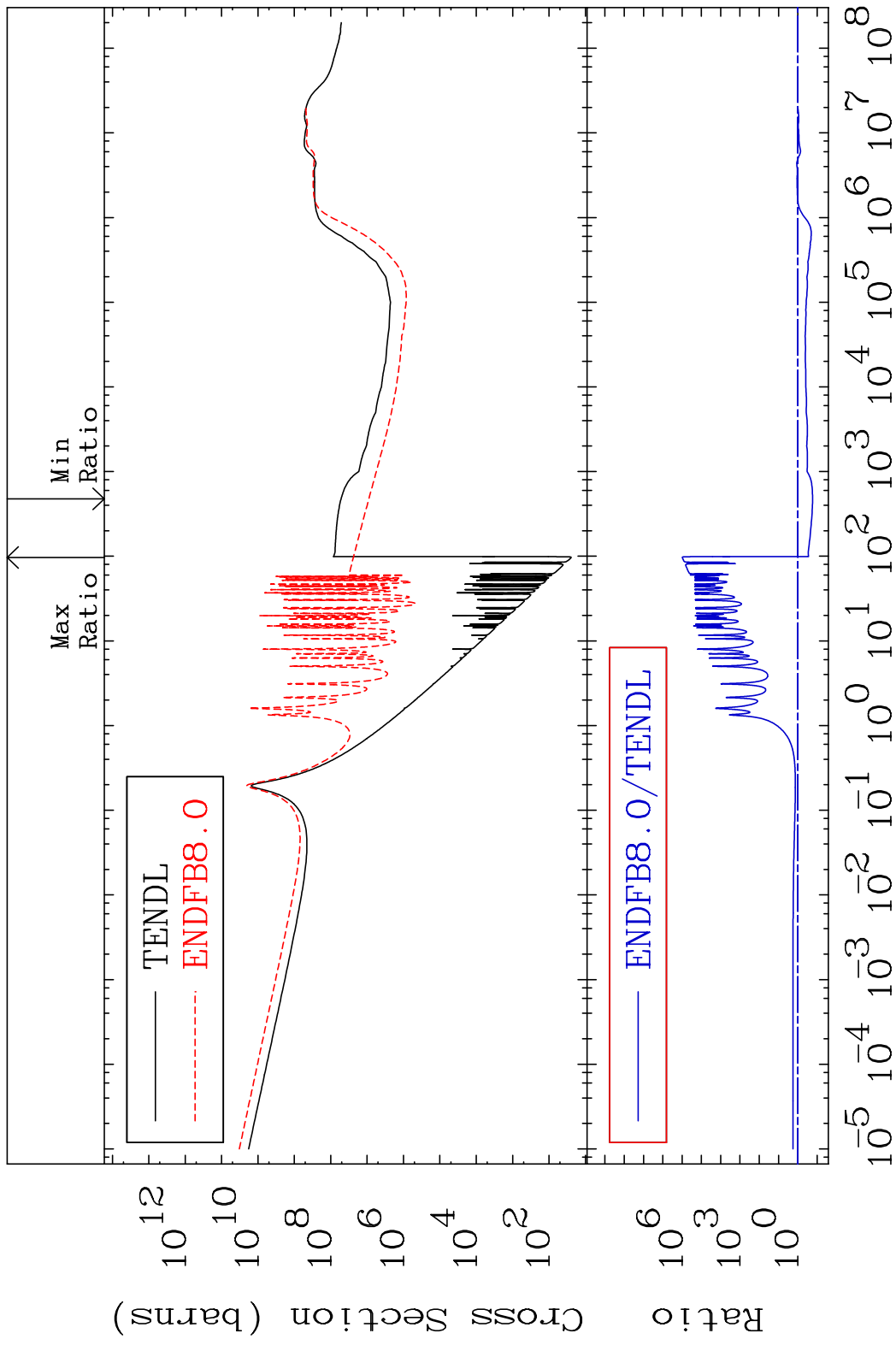
Total photon (eV-barns) 97-Bk-249
Cross Section -98.35 To 9999. %



30

Incident Energy (eV) 97-Bk-249

MAT 9752 Total kinematic kerma (high limit) 97-Bk-249
 Cross Section -82.79 To 9999. %

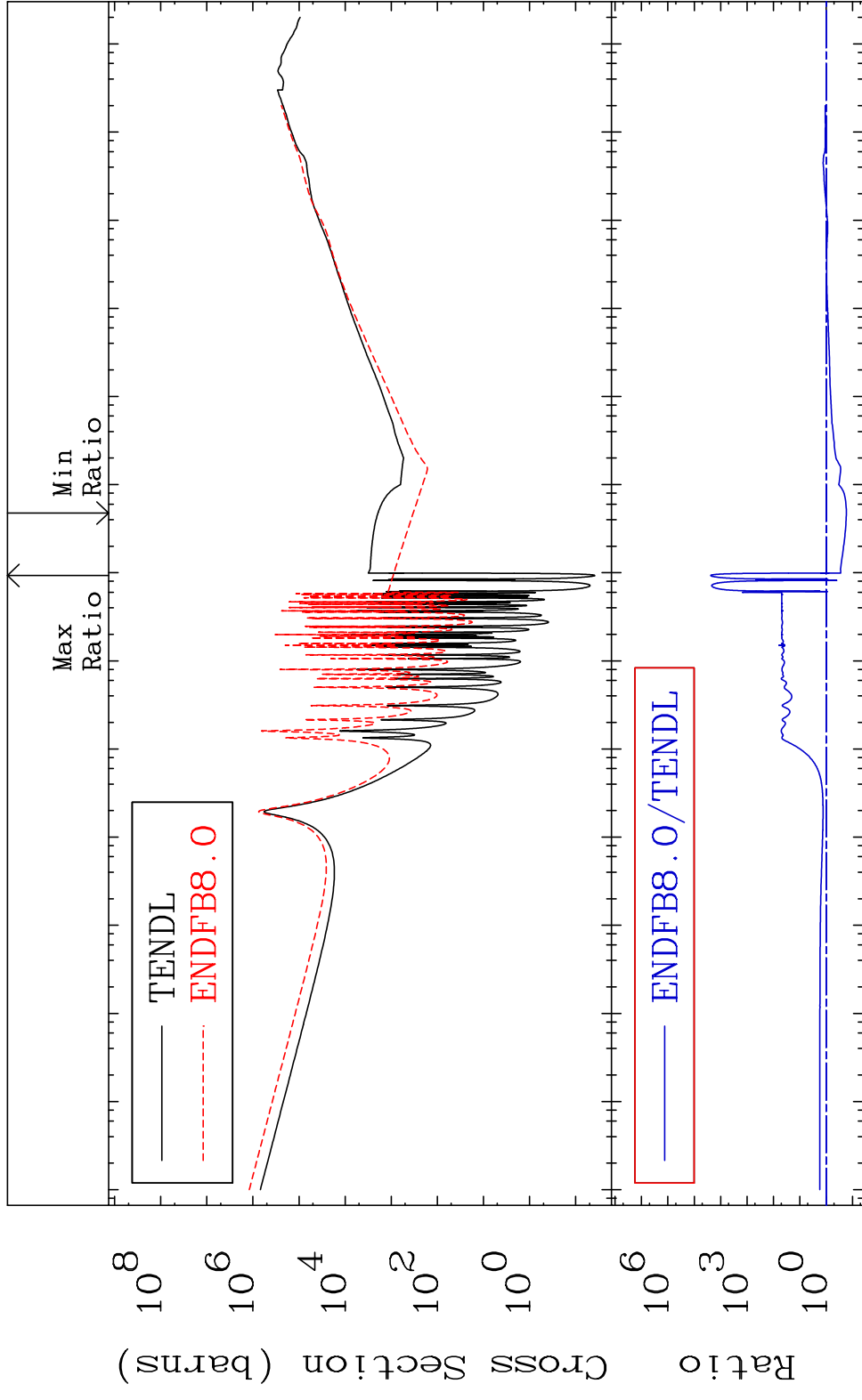


MAT 9752

Dpa total (eV-barns)

97-Bk-249

Cross Section -82.80 To 9999. %



32

Incident Energy (eV)

97-Bk-249

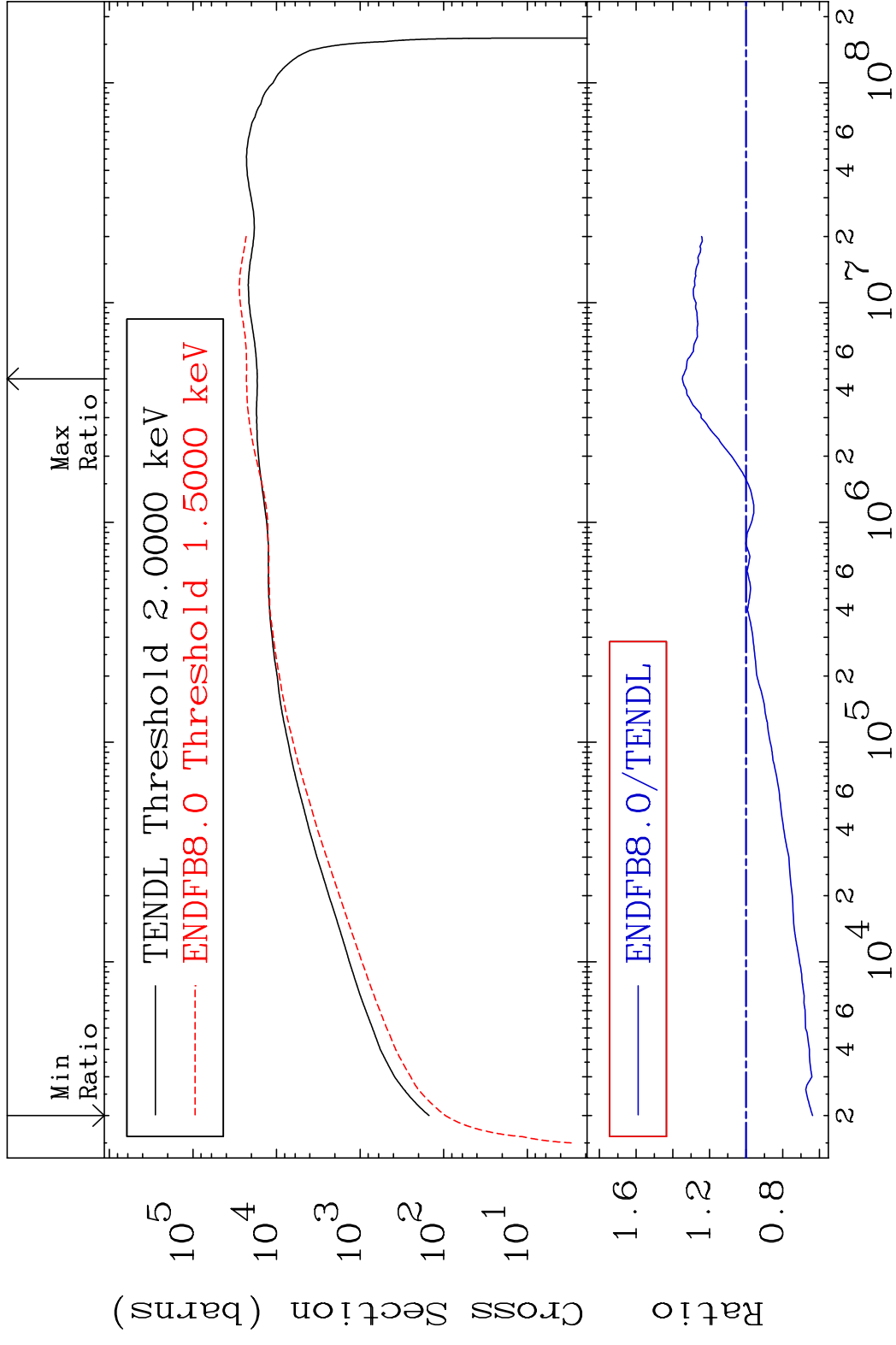
MAT 9752

Dpa elastic (mt2)

97-Bk-249

Cross Section

-36.26 To 34.78 %



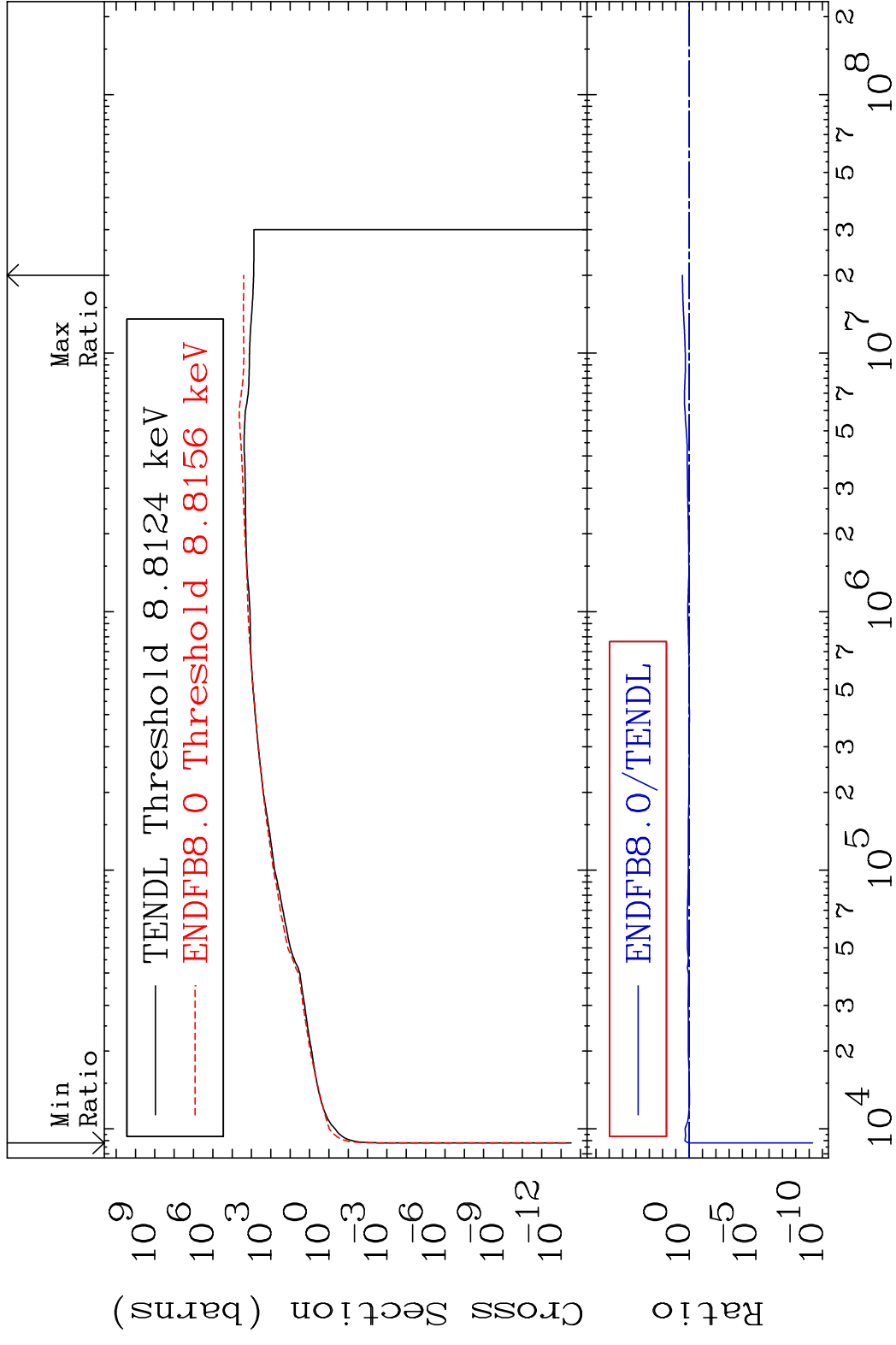
MAT 9752

Dpa inelastic (mt51-91)

97-Bk-249

Cross Section

-100.0 To 225.7 %



34

Incident Energy (eV)

97-Bk-249

MAT 9752 Dpa disappearance (mt102 -120) 97-Bk-249
 Cross Section -100.0 To 9999. %

