

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

MAT 9749

97-Bk-248

-72.66 To 2202. %

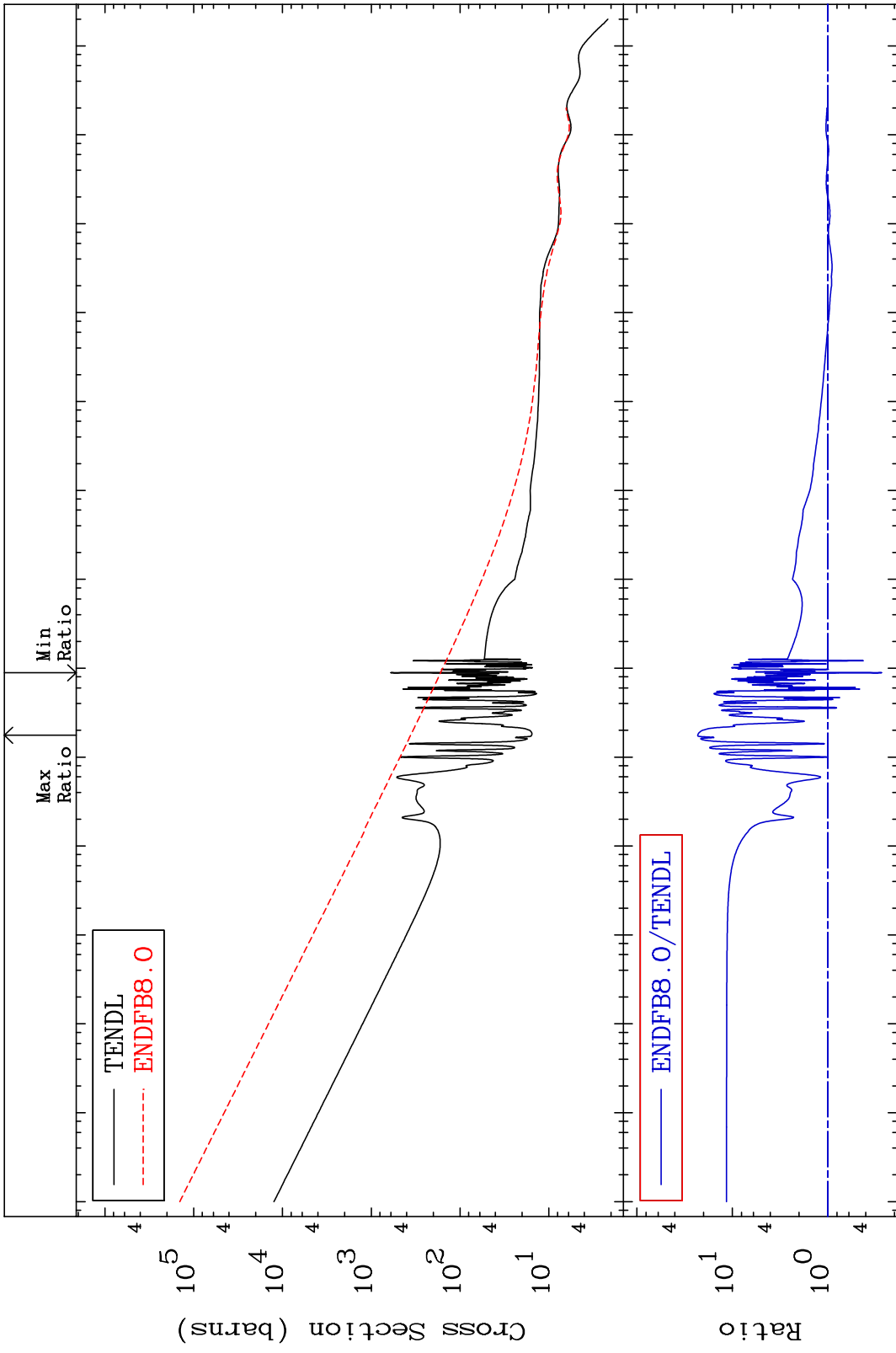
Total
Cross Section

Max
Ratio

Min
Ratio

TENDL
ENDFB8.0

ENDFB8.0/TENDL



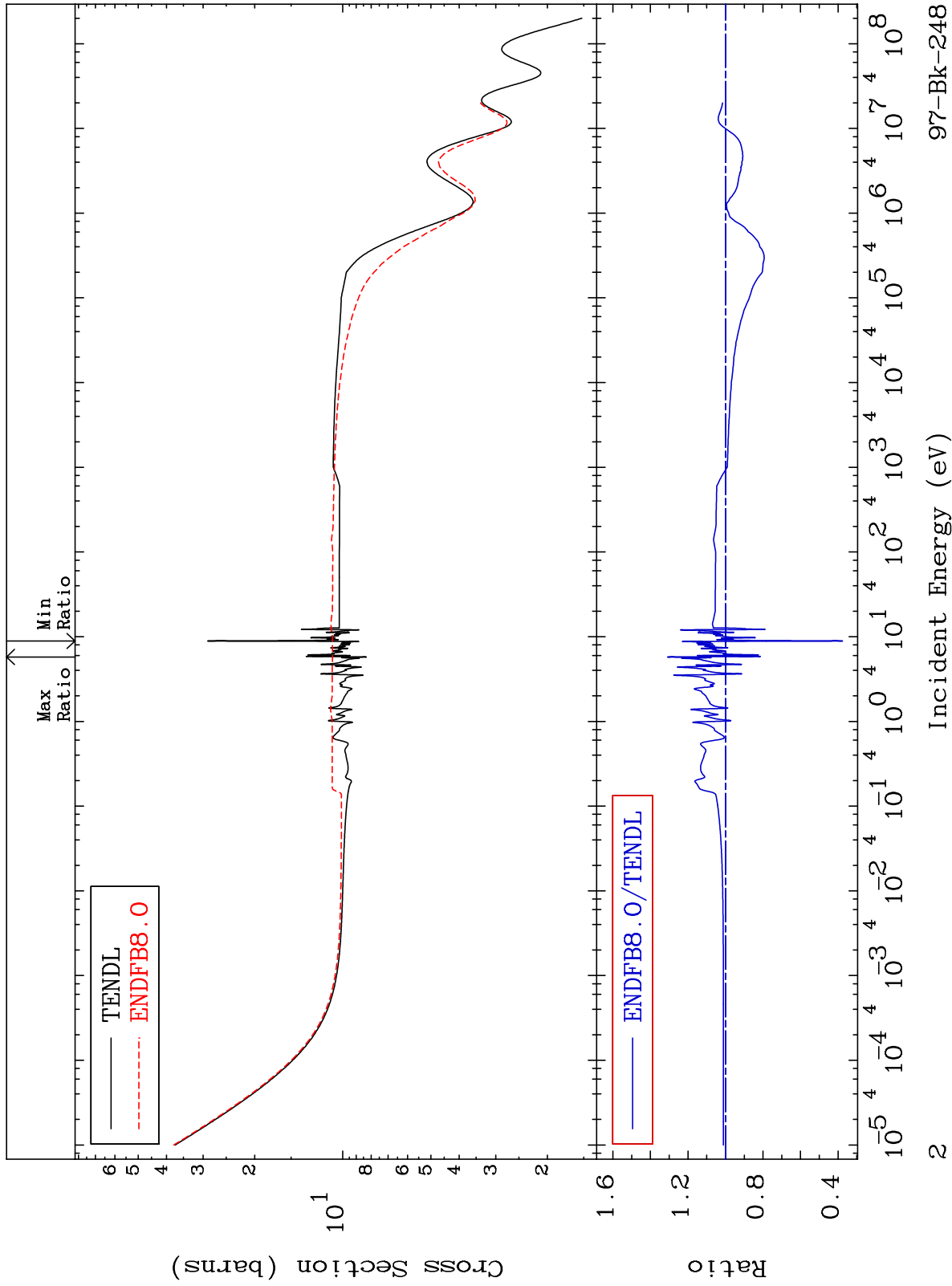
10⁵
10⁴
10³
10²
10¹
10⁰
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵

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

Incident Energy (eV)

97-Bk-248

MAT 9749 Elastic Cross Section 97-Bk-248 -62.45 To 30.89 %



97-Bk-248

Incident Energy (eV)

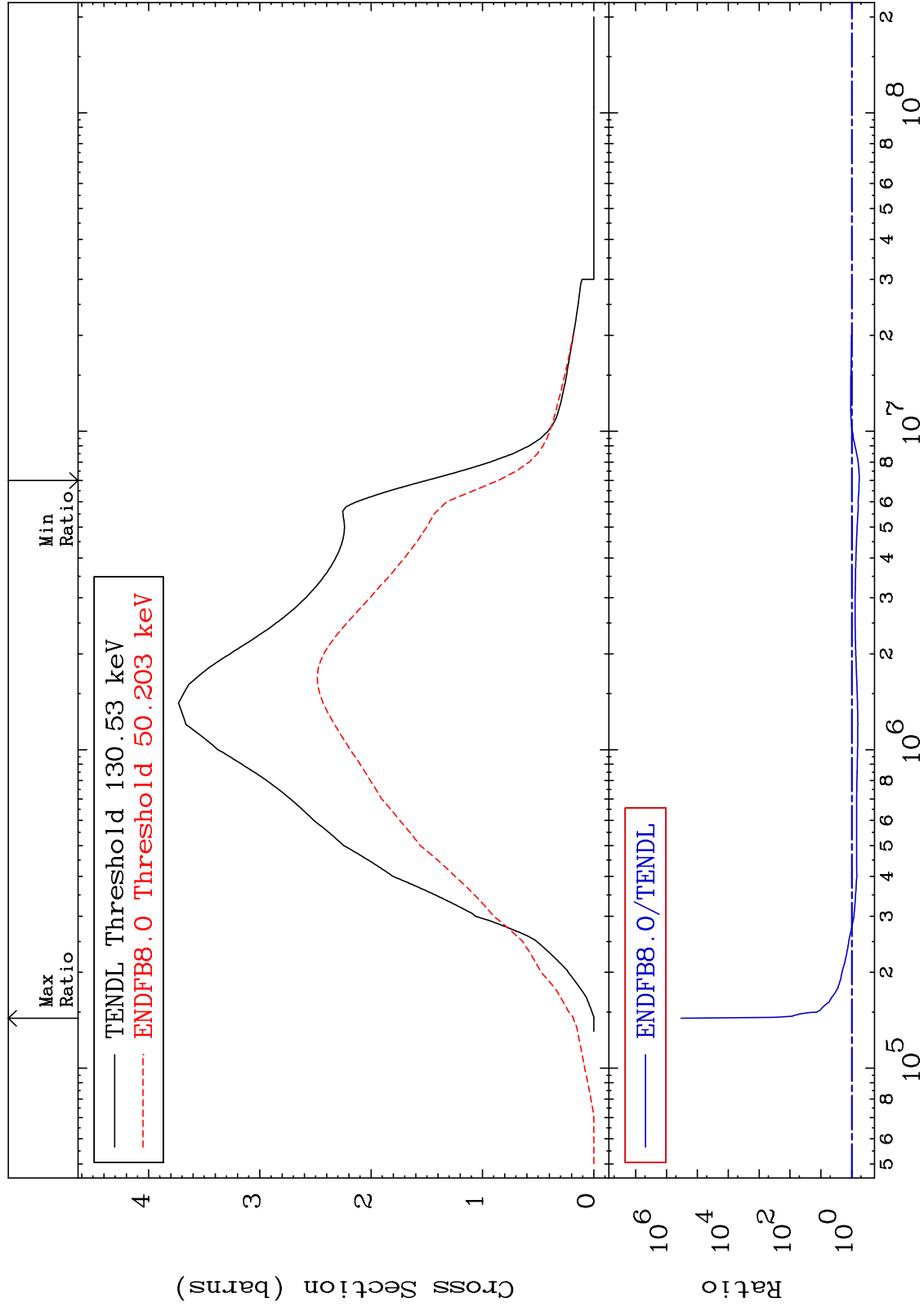
MAT 9749

Inelastic

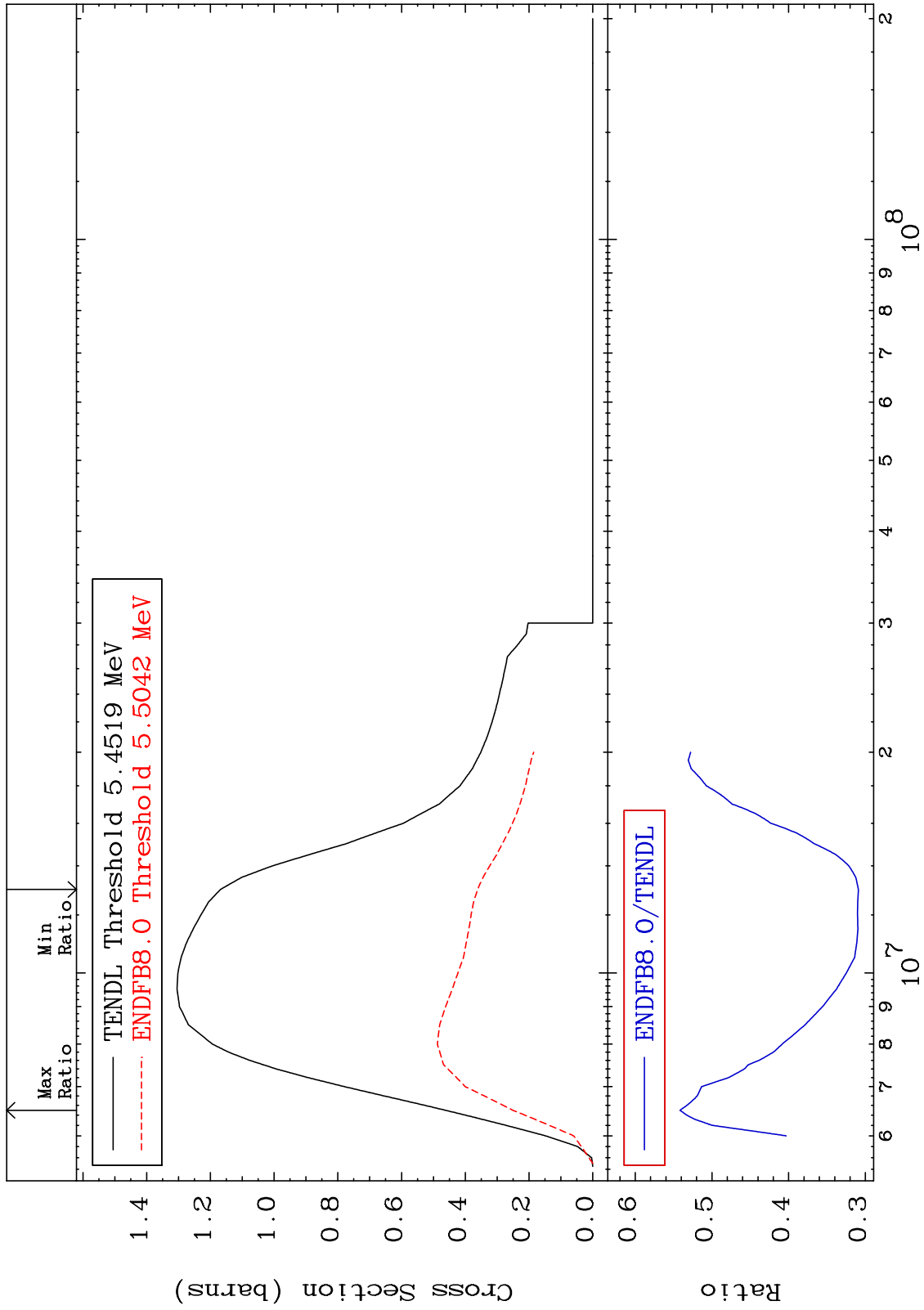
97-Bk-248

Cross Section

-42.86 To 9999. %



MAT 9749 (n,2n) 97-Bk-248
Cross Section -69.09 To -45.84%



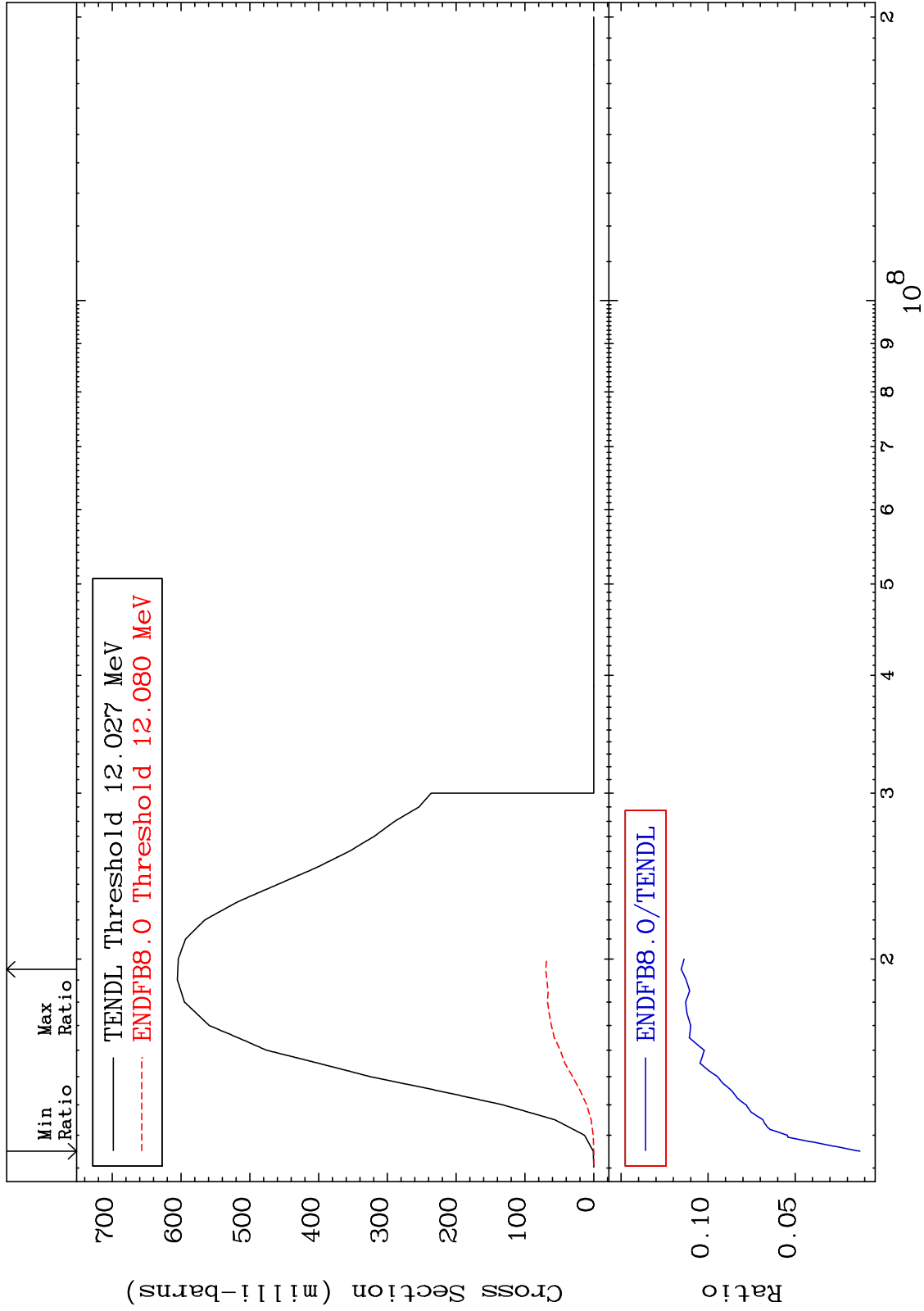
MAT 9749

(n, 3n)

97-Bk-248

Cross Section

-98.72 To -88.45%

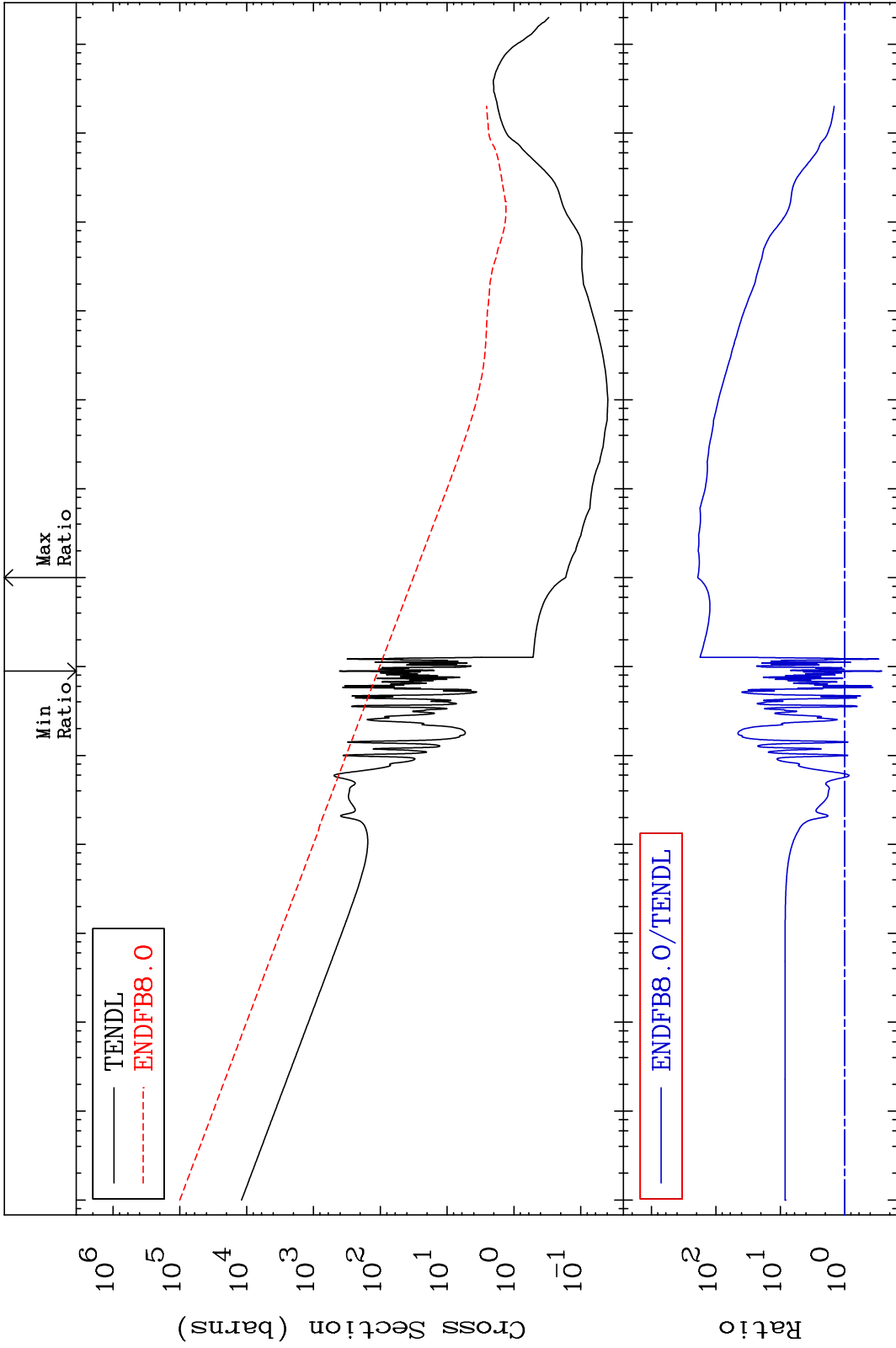


MAT 9749

97-Bk-248

-73.22 To 9999. %

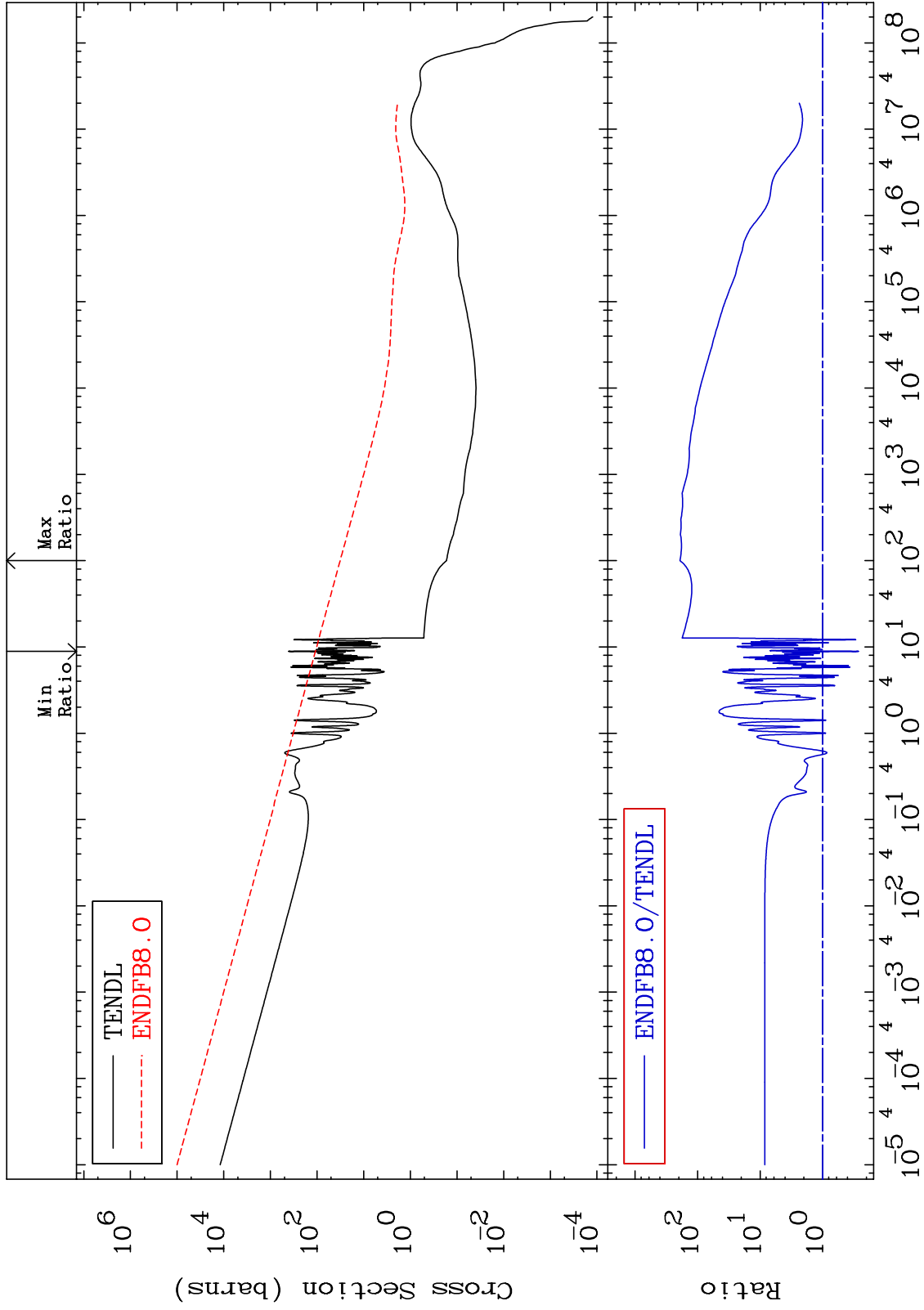
Fission
Cross Section



MAT 9749

(n,f) First Chance
Cross Section

97-Bk-248
-73.22 To 9999. %



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Incident Energy (eV)

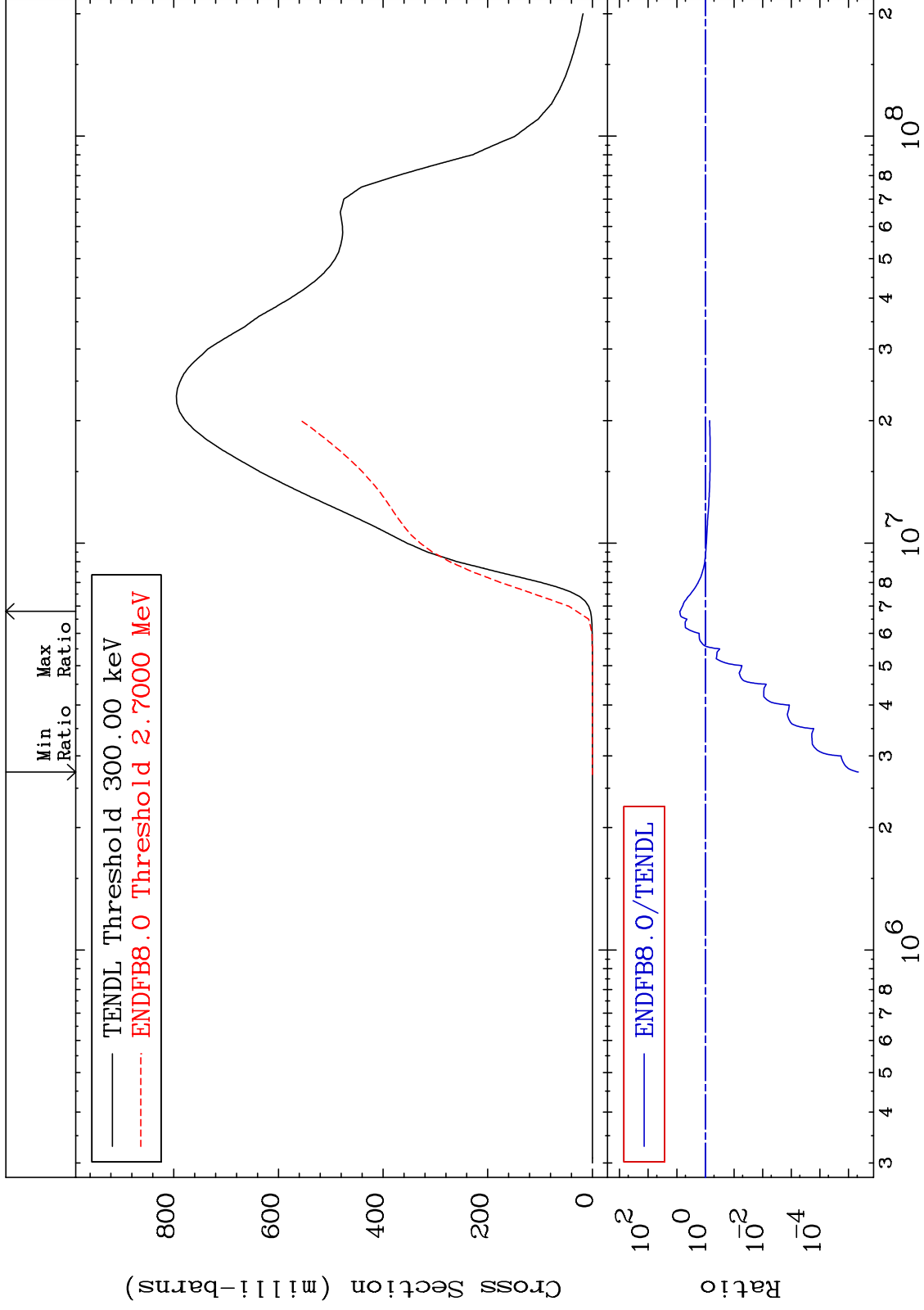
97-Bk-248

MAT 9749

(n, nf) Second Chance

97-Bk-248

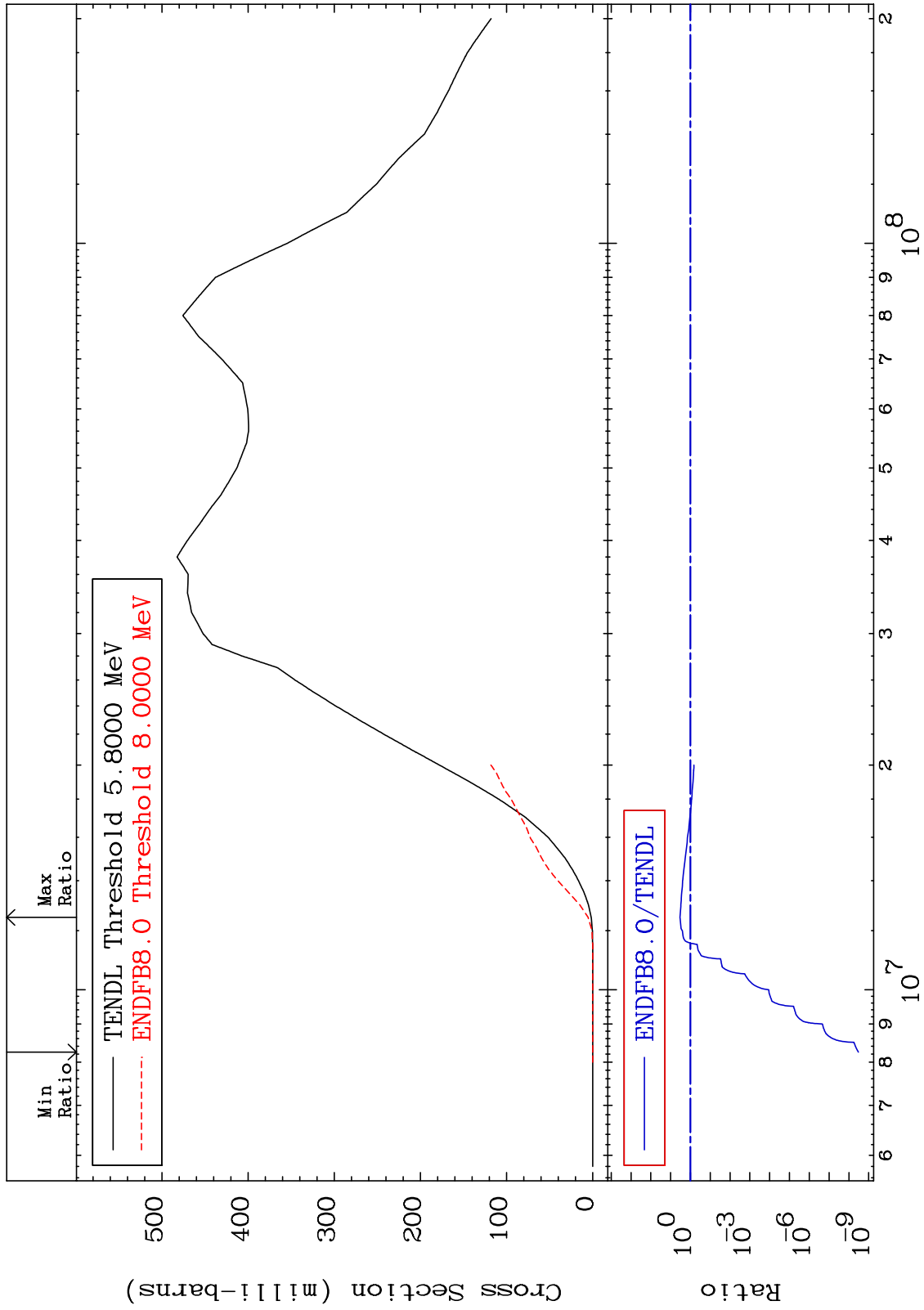
-100.0 To 684.7 %



MAT 9749

(n,2nf) Third Chance
Cross Section

97-Bk-248
-100.0 To 235.0 %



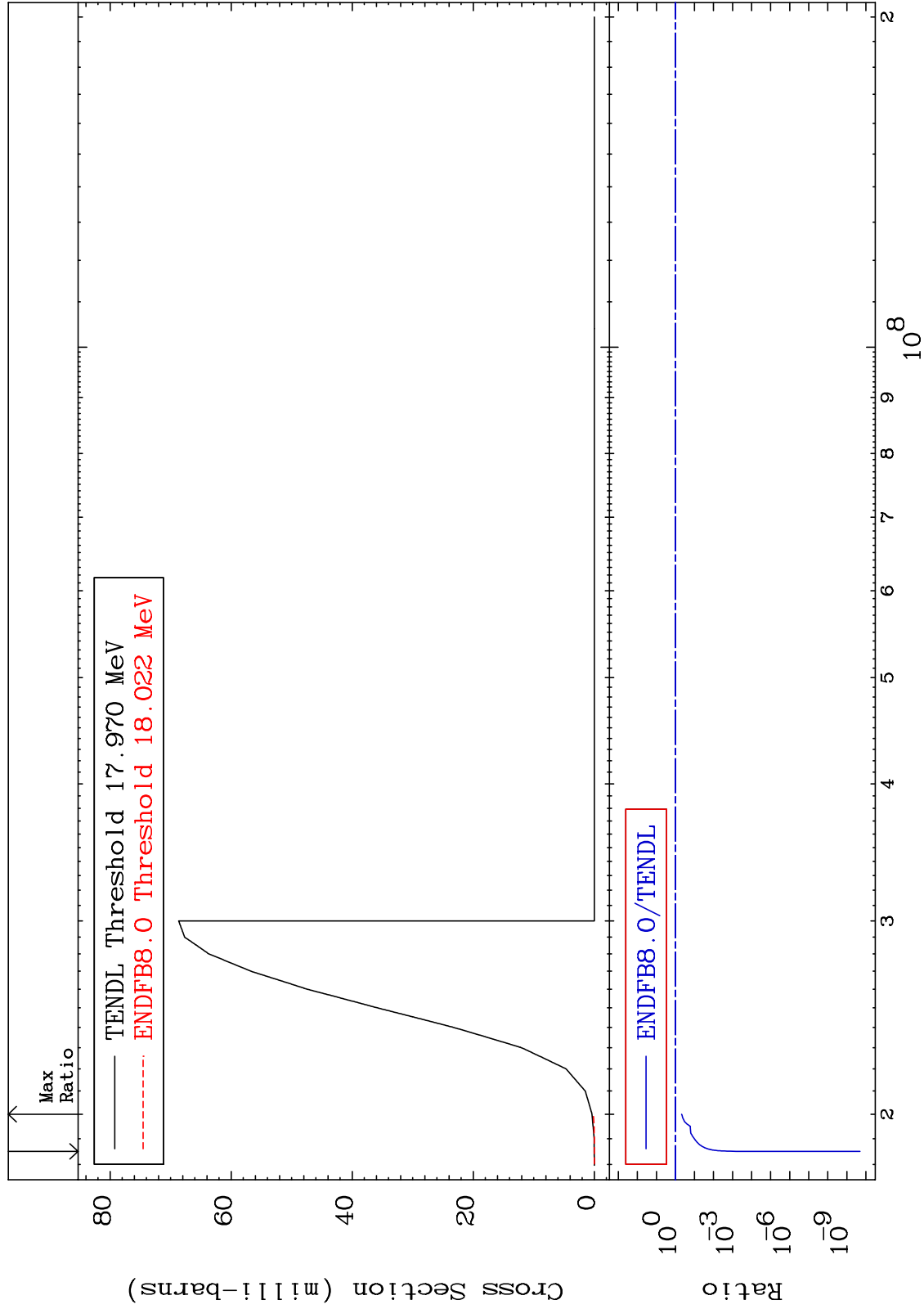
MAT 9749

(n, 4n)

97-Bk-248

Cross Section

-100.0 To -52.75%



10

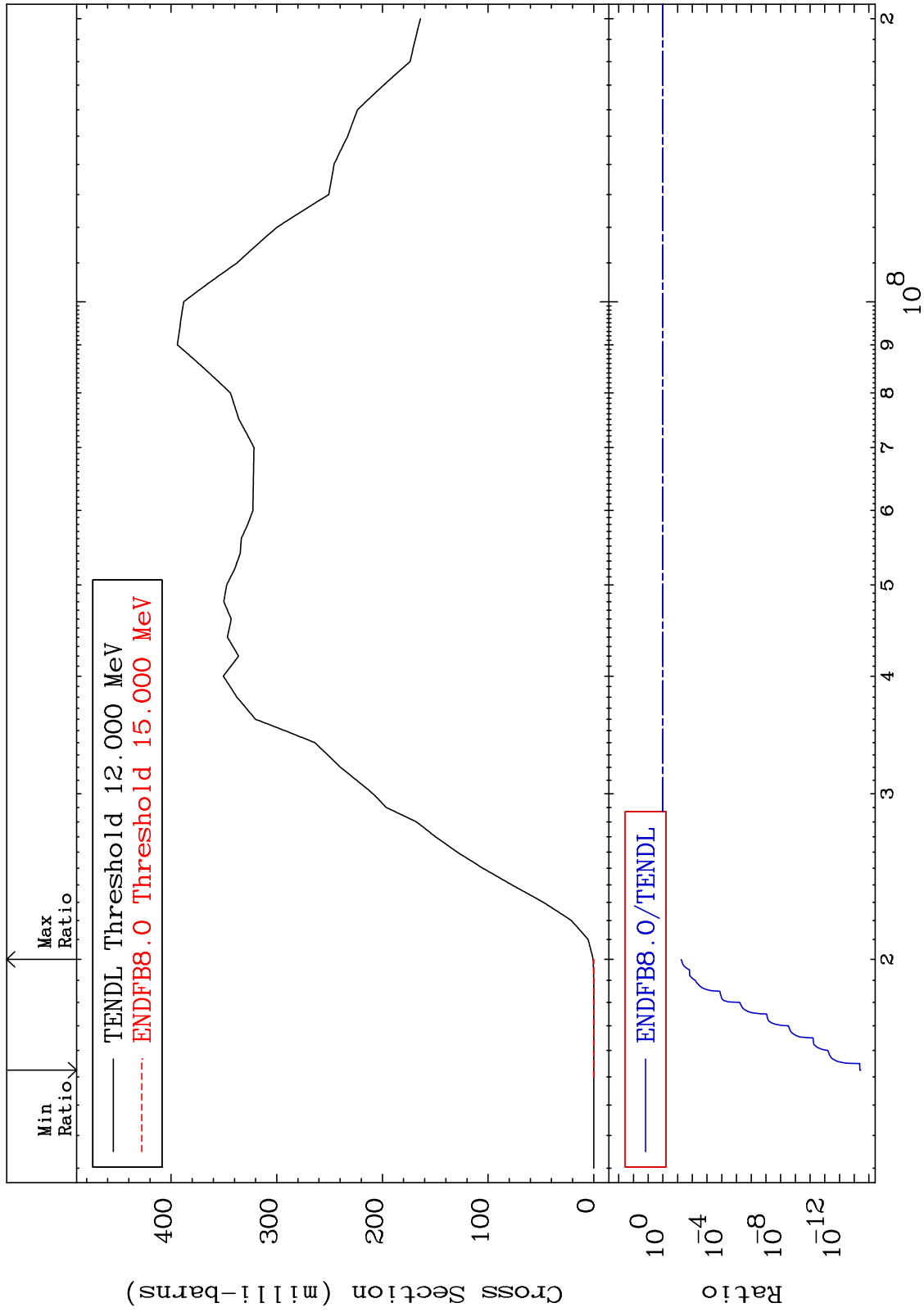
Incident Energy (eV)

97-Bk-248

MAT 9749

(n,3nf) Fourth Chance
Cross Section

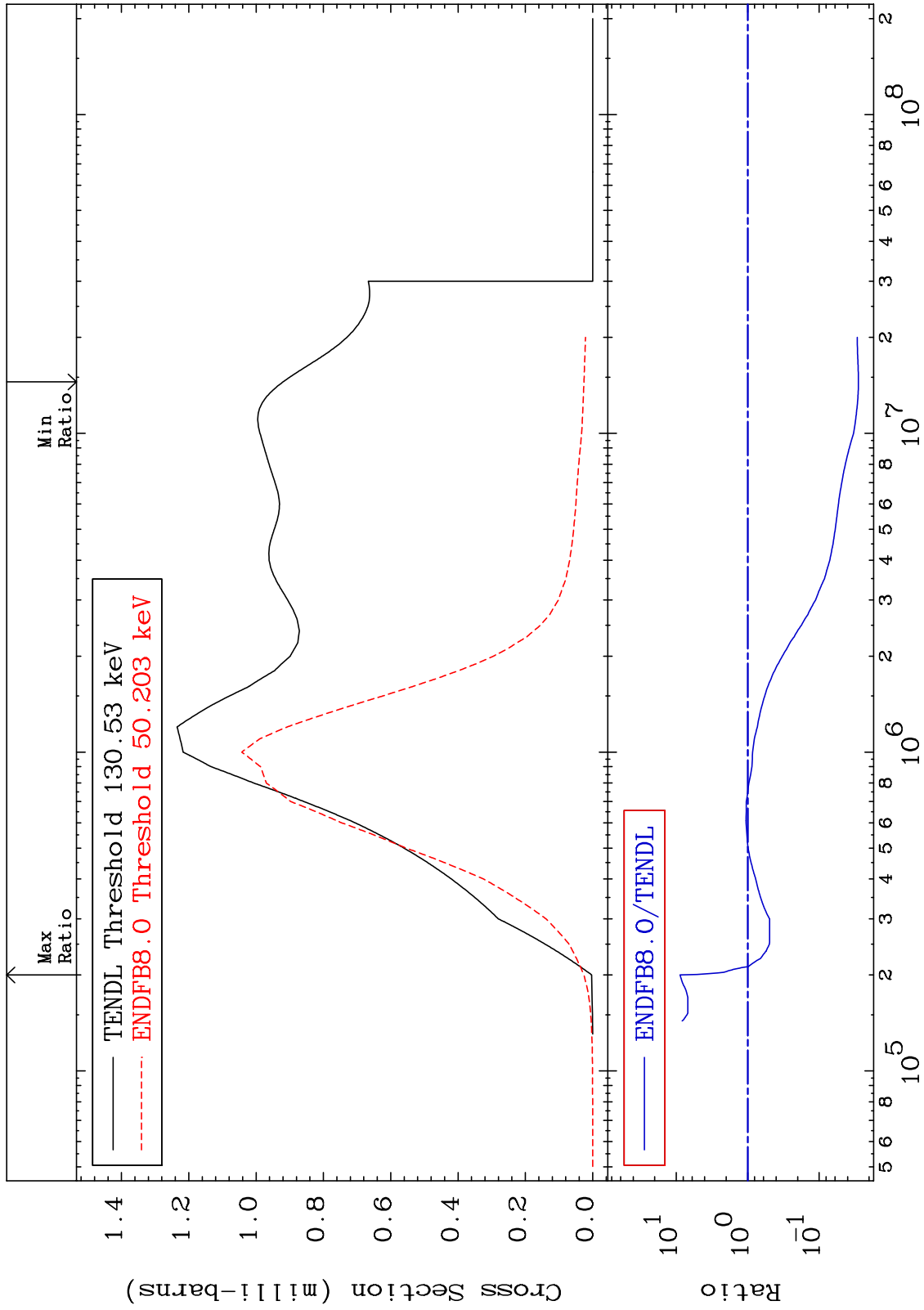
97-Bk-248
-100.0 To -94.32%



MAT 9749

MT= 51 (n,n') Level
Cross Section

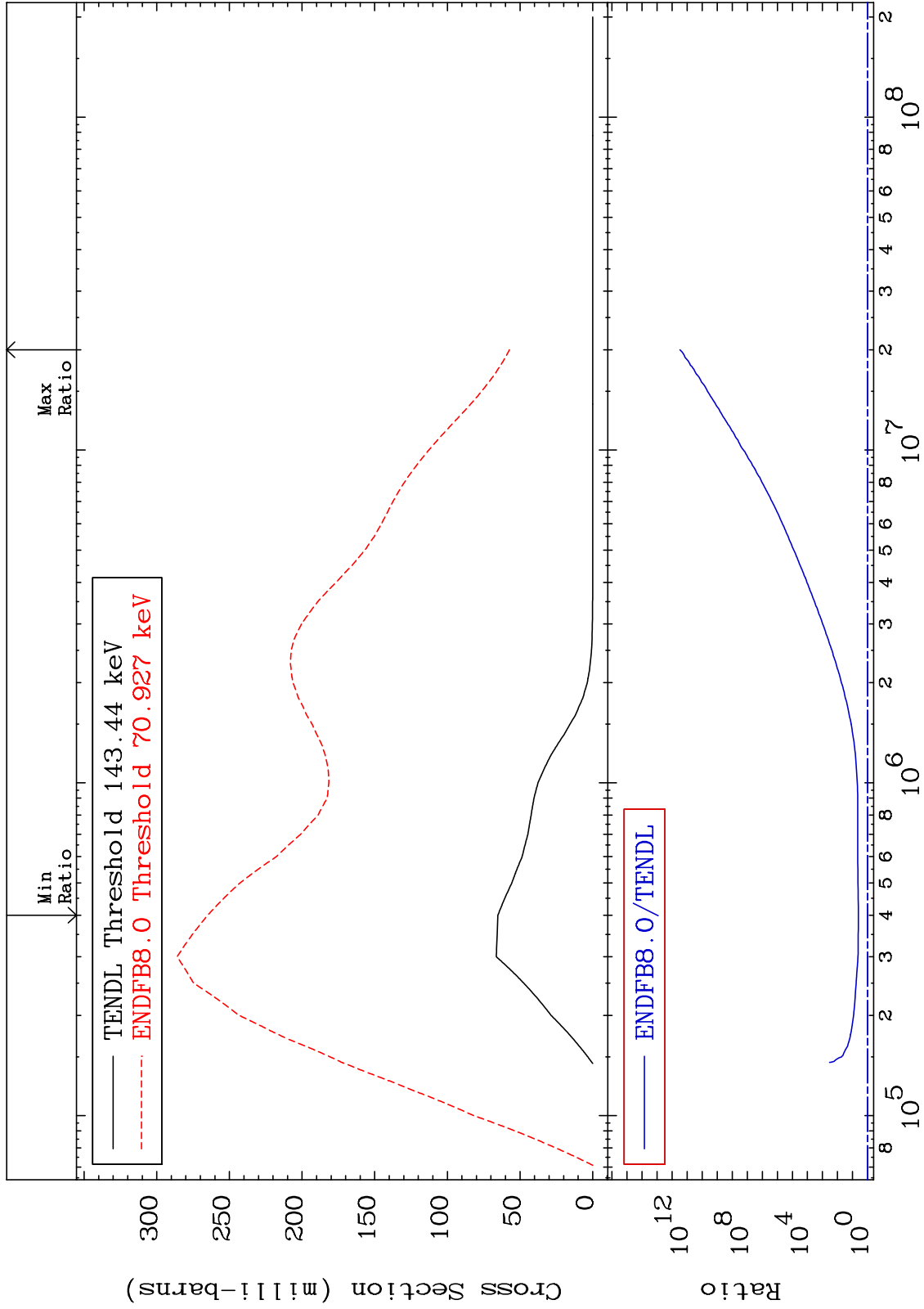
97-Bk-248
-97.17 To 785.1 %



MAT 9749

MT= 52 (n,n') Level
Cross Section

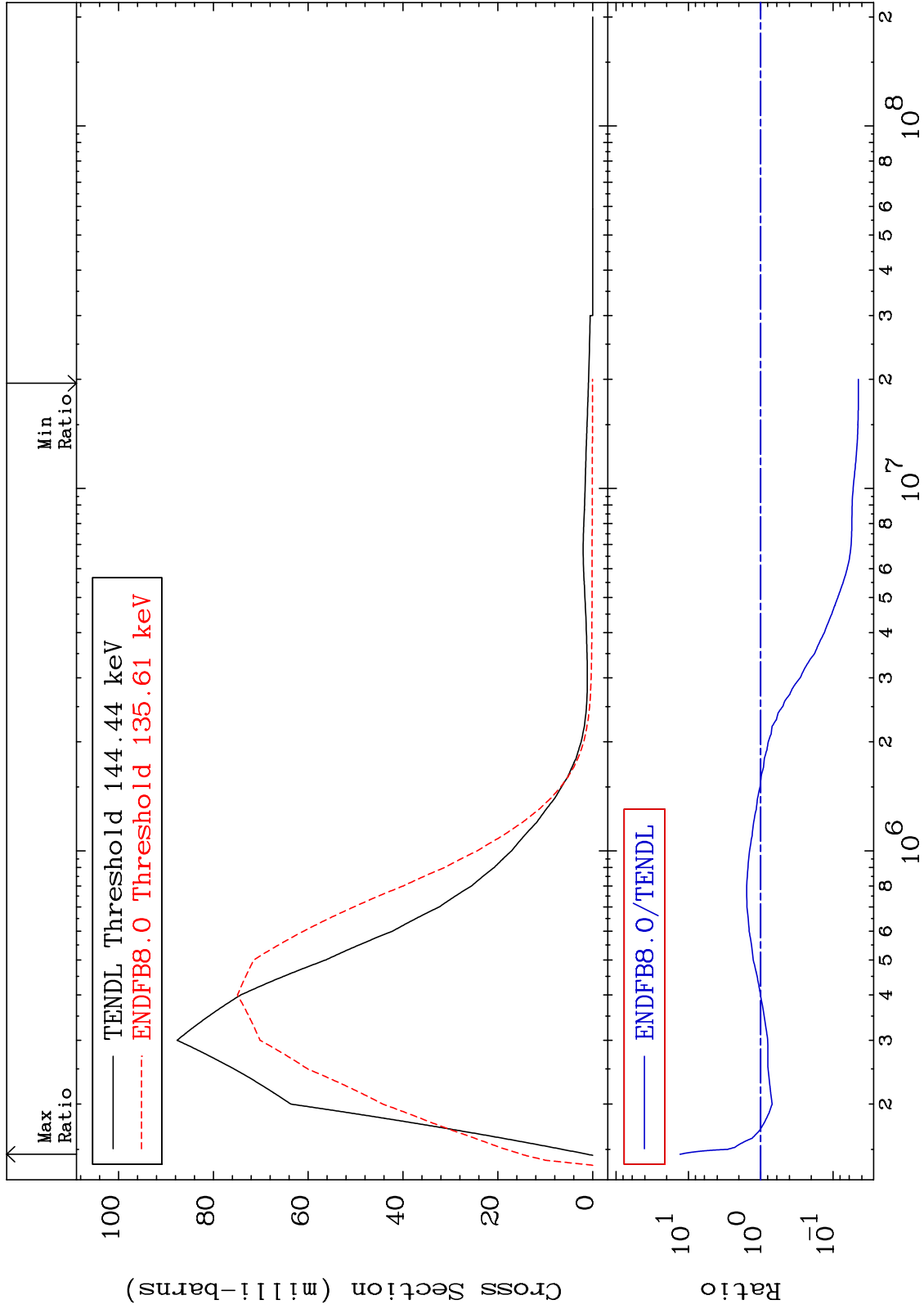
97-Bk-248
306.2 To 9999. %



MAT 9749

MT= 53 (n,n') Level
Cross Section

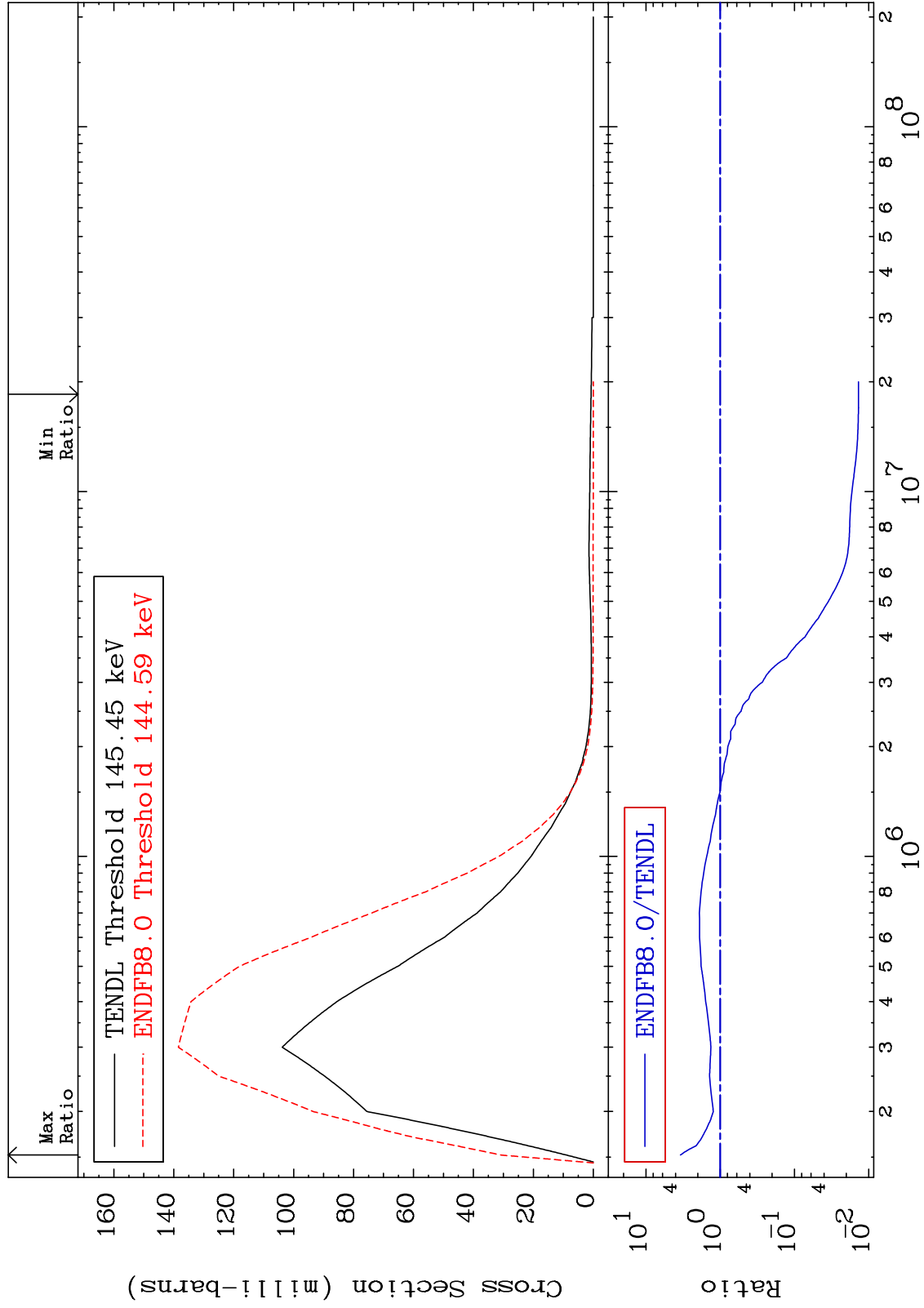
97-Bk-248
-95.54 To 1205. %



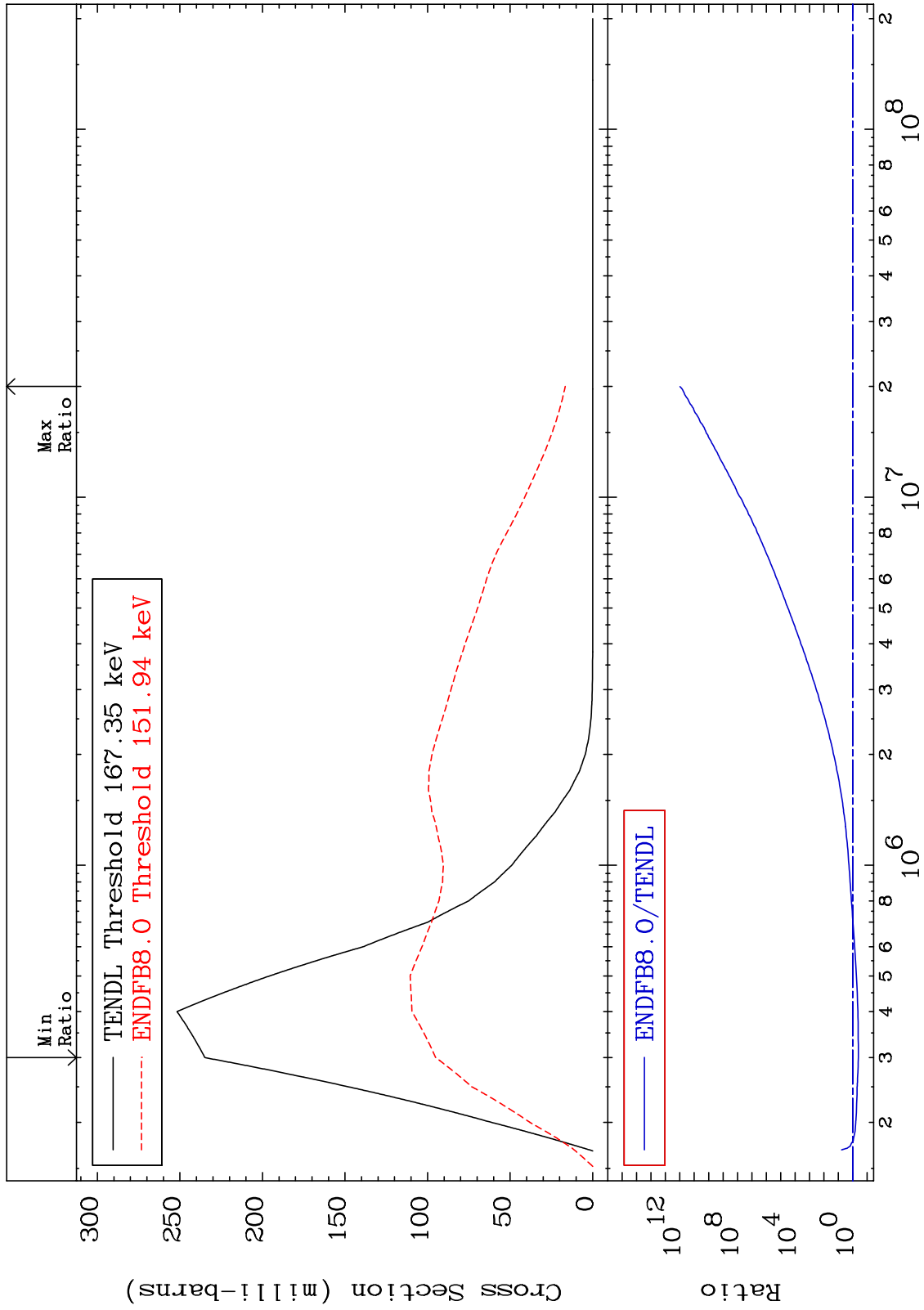
MAT 9749

MT= 54 (n,n') Level
Cross Section

97-Bk-248
-98.63 To 243.4 %



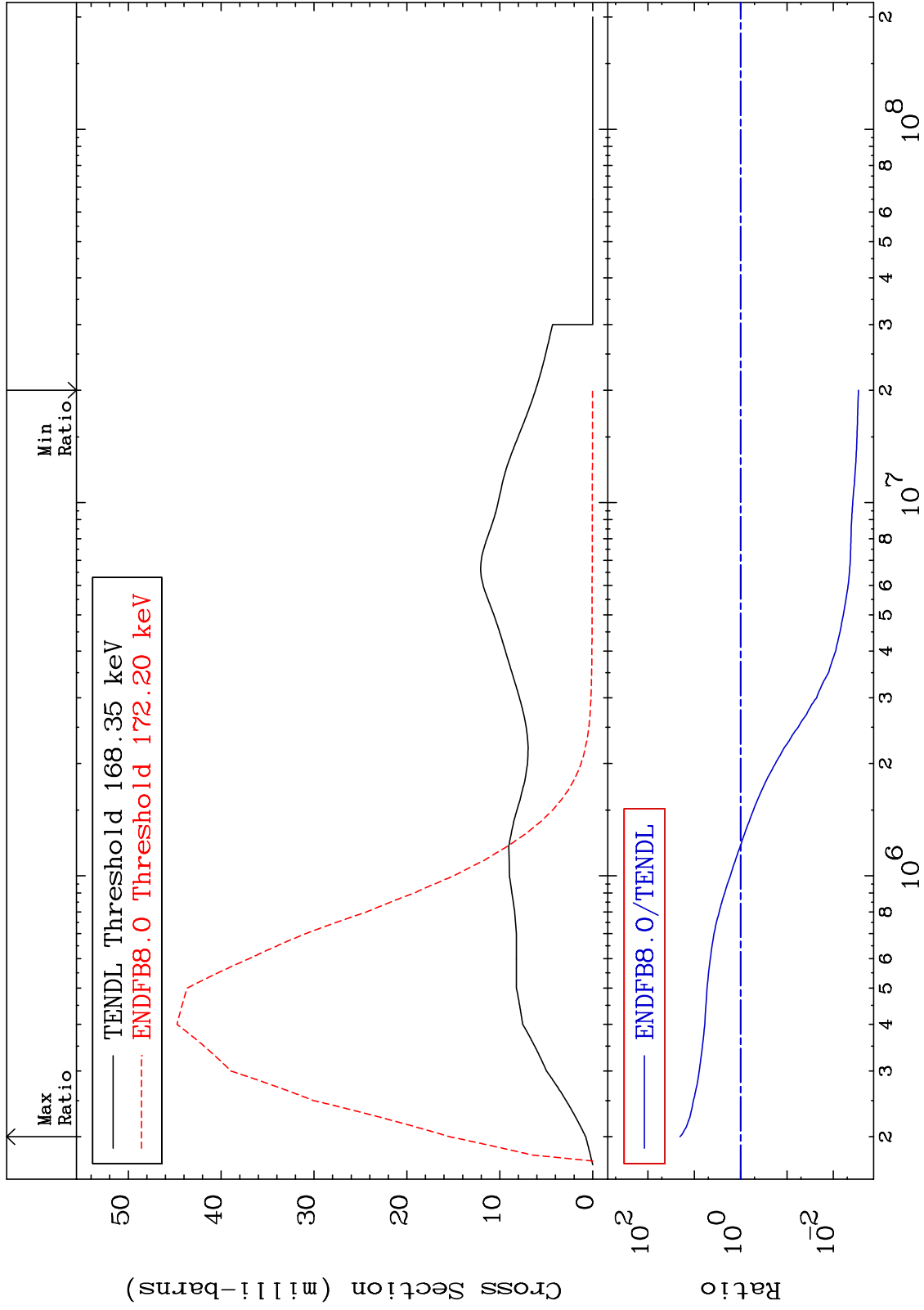
MAT 9749 MT= 55 (n,n') Level 97-Bk-248
 Cross Section -59.52 To 9999. %



MAT 9749

MT= 56 (n,n') Level
Cross Section

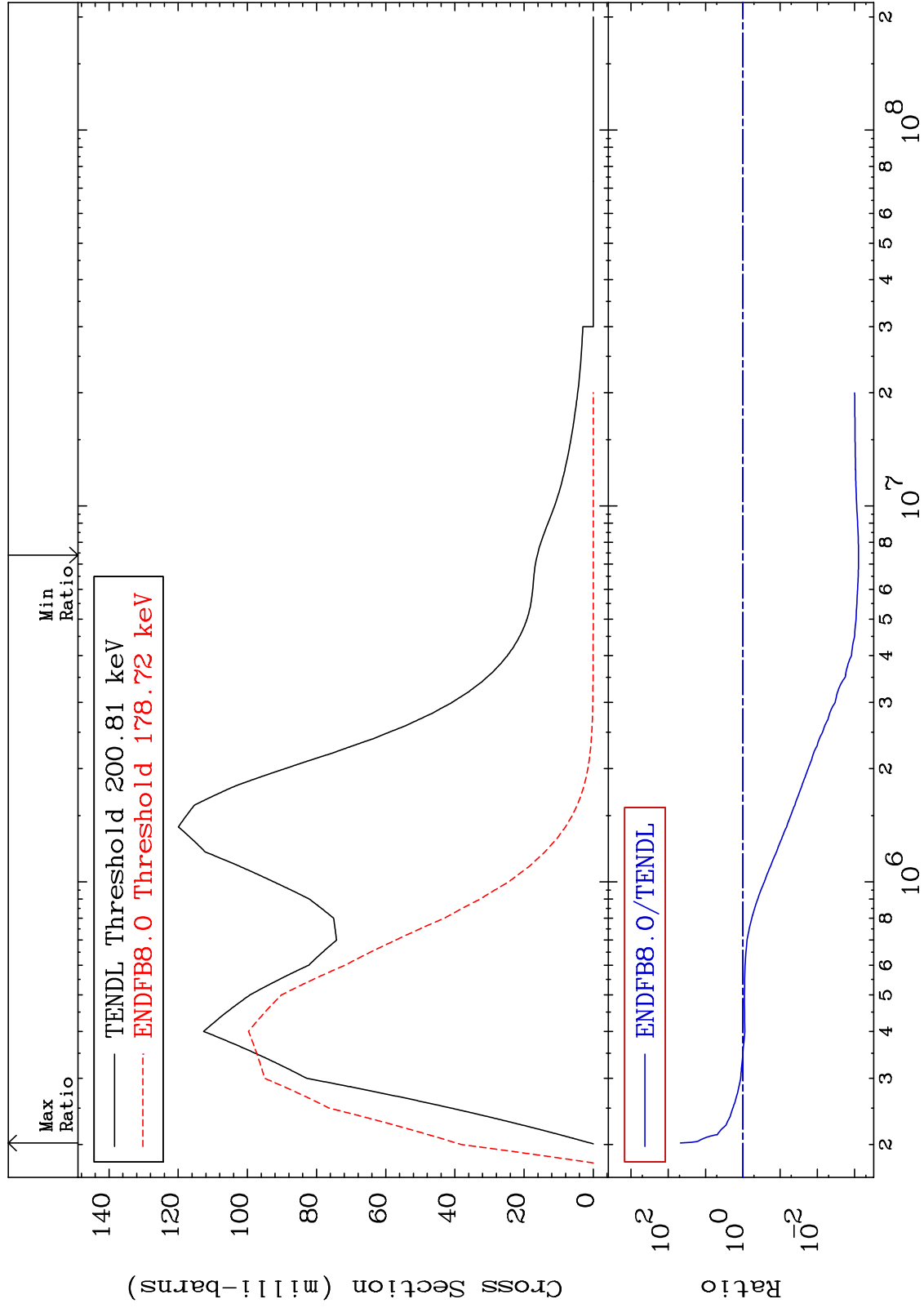
97-Bk-248
-99.71 To 1933. %



MAT 9749

MT= 57 (n,n') Level
Cross Section

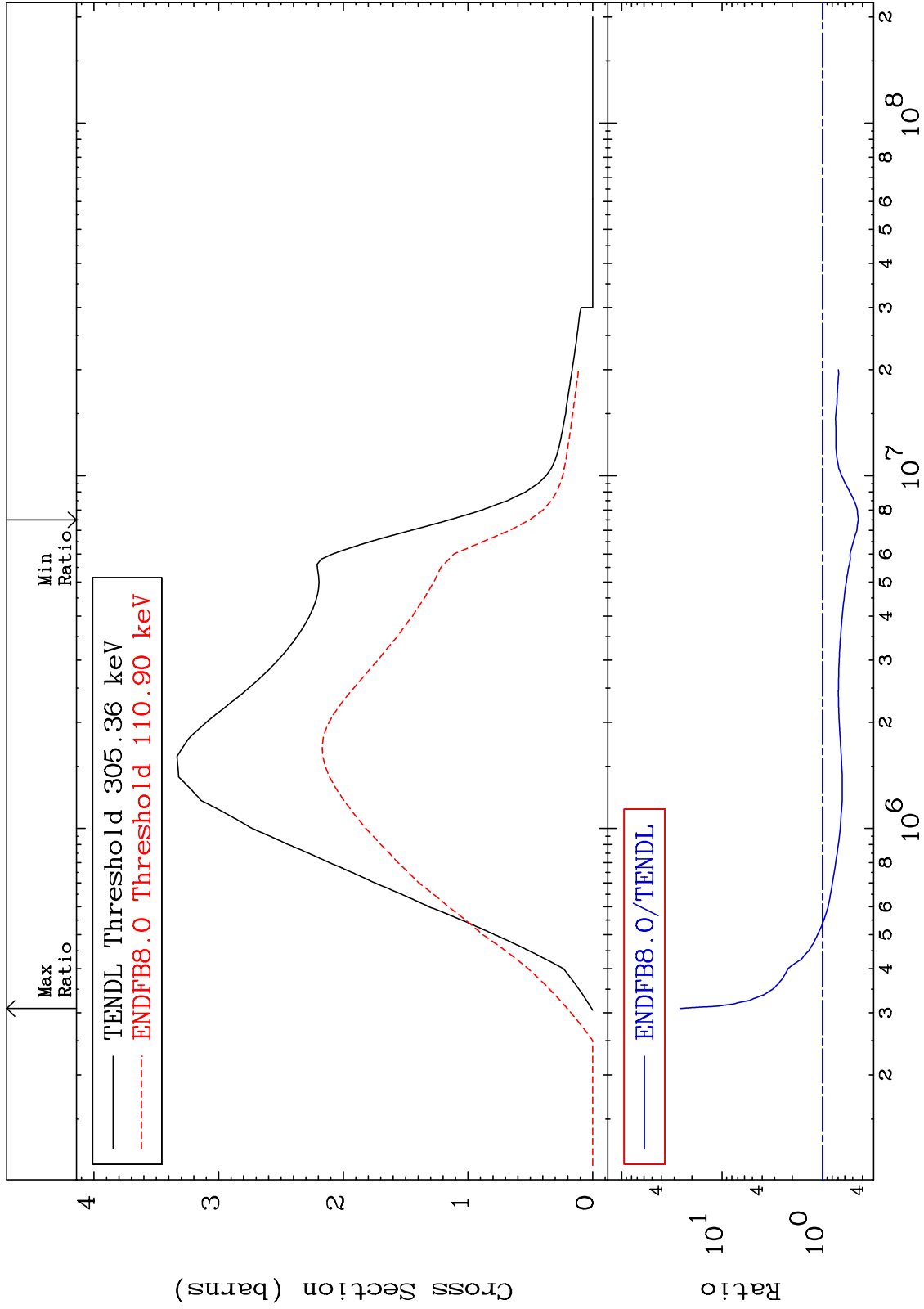
97-Bk-248
-99.92 To 4615. %



MAT 9749

(n,n') Continuum
Cross Section

97-Bk-248
-56.07 To 2527. %



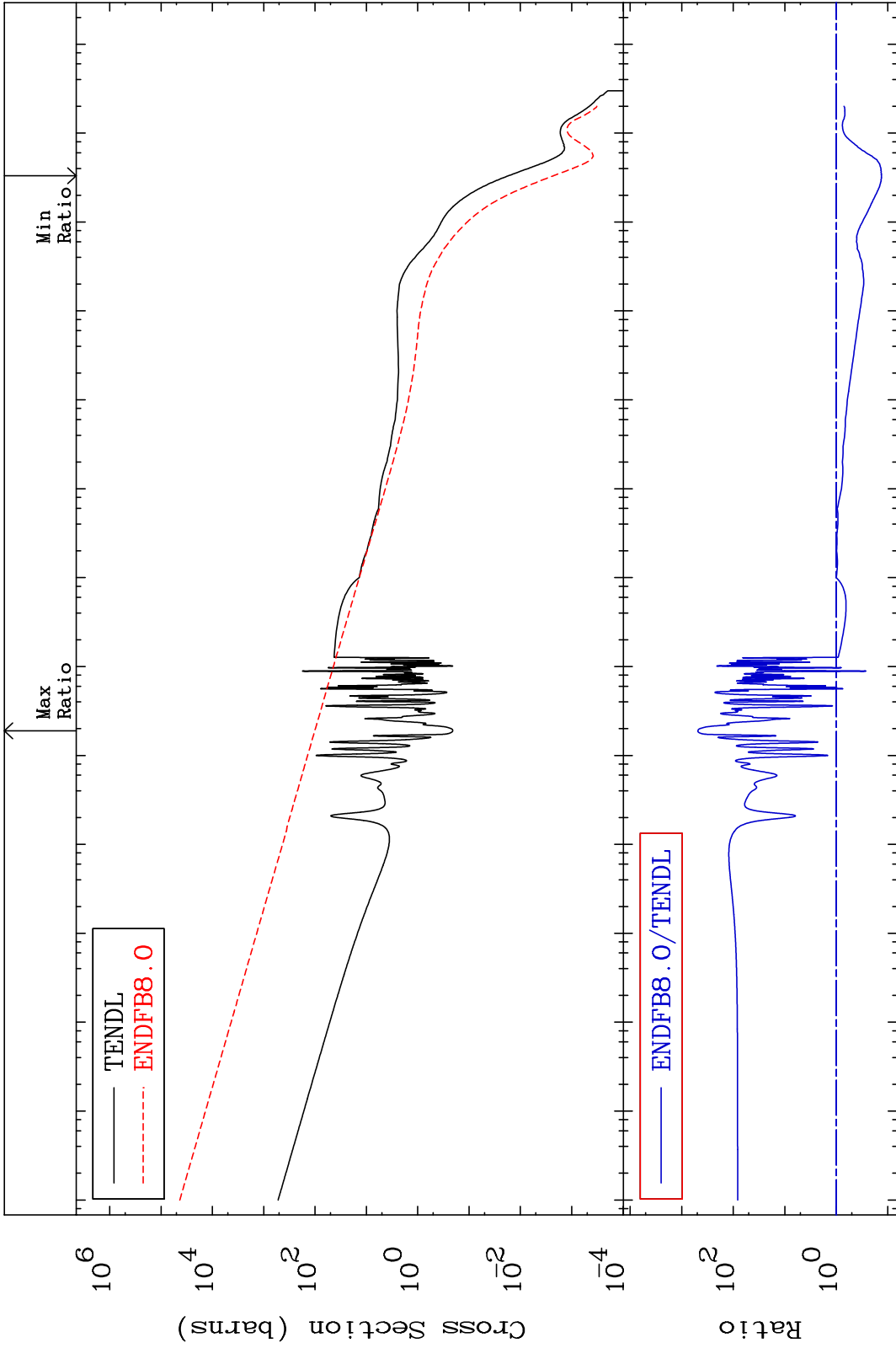
MAT 9749

(n, γ)

97-Bk-248

-86.74 To 9999. %

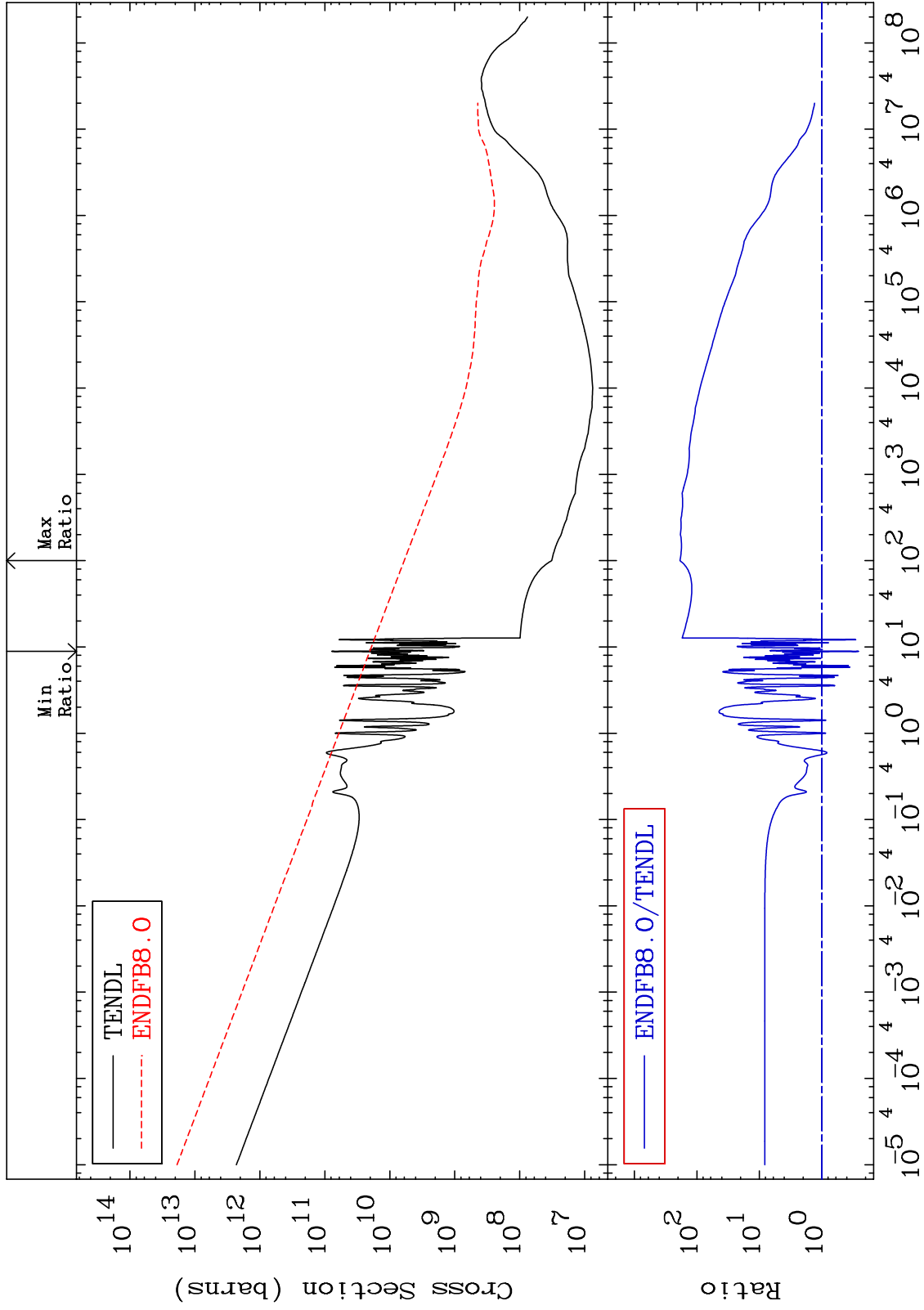
Cross Section



MAT 9749

Kerma total (eV-barns)
Cross Section

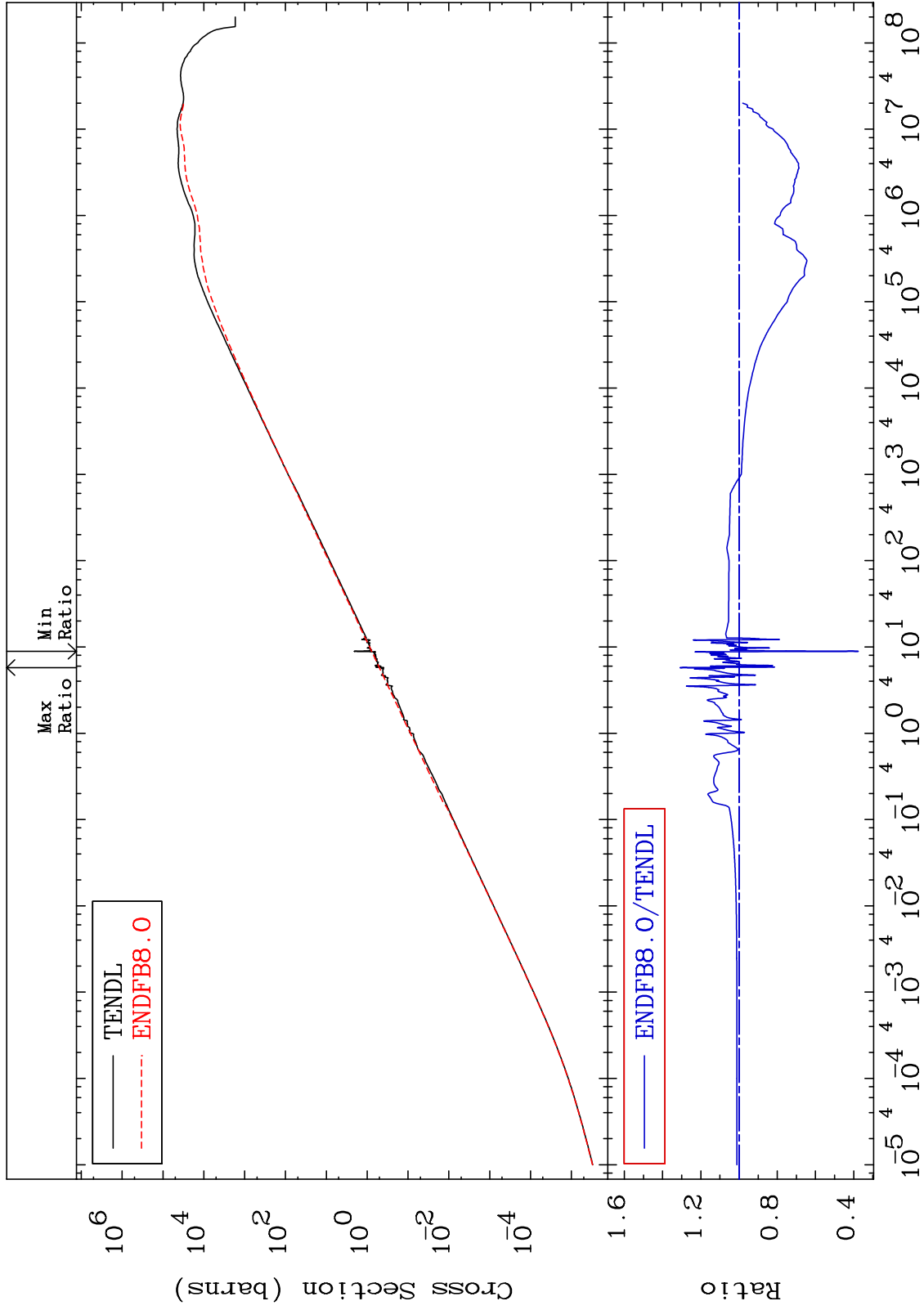
97-Bk-248
-73.90 To 9999. %



MAT 9749

Kerma elastic
Cross Section

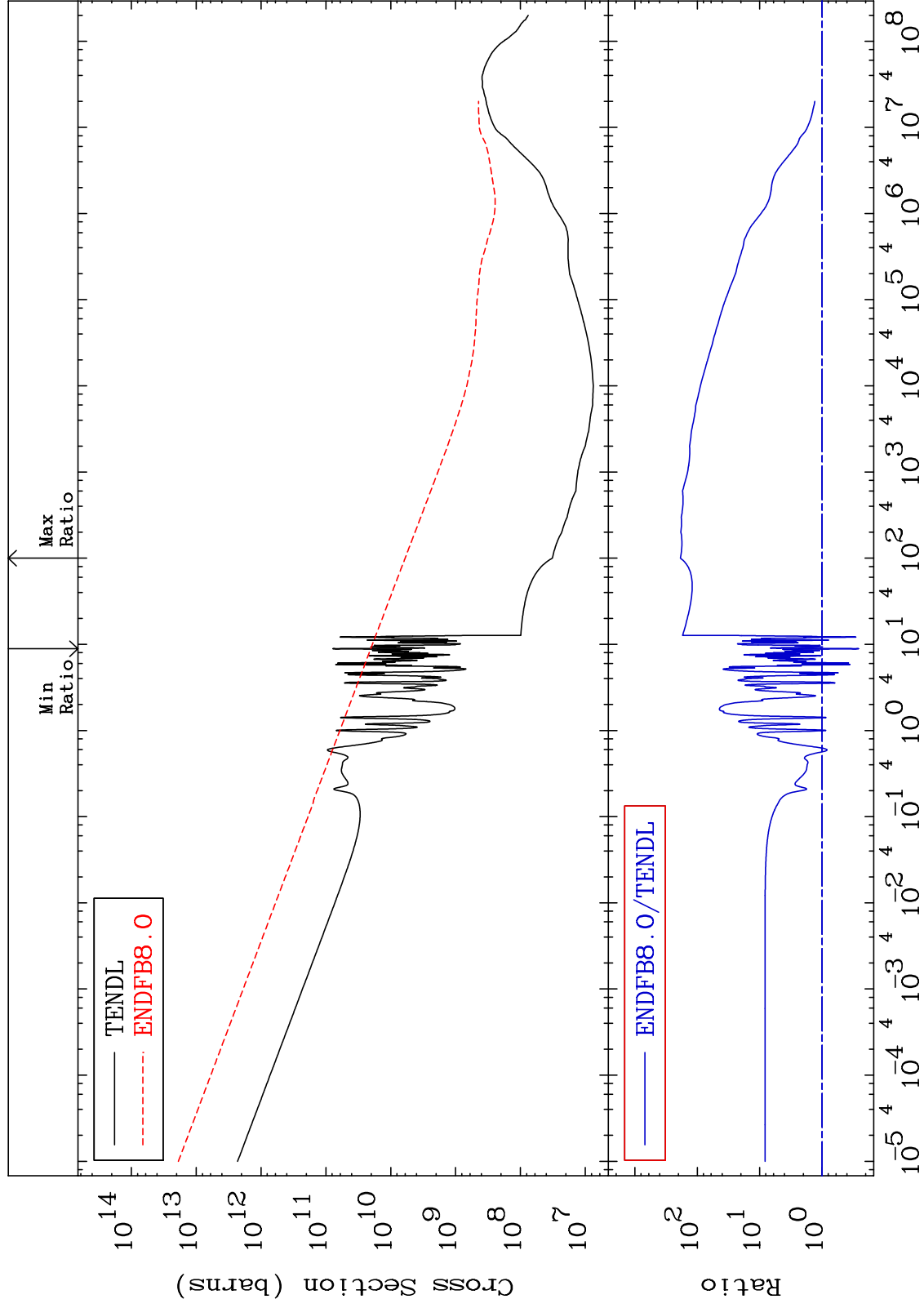
97-Bk-248
-62.45 To 30.89 %



MAT 9749

Kerma non-elastic (all but mt2)
Cross Section

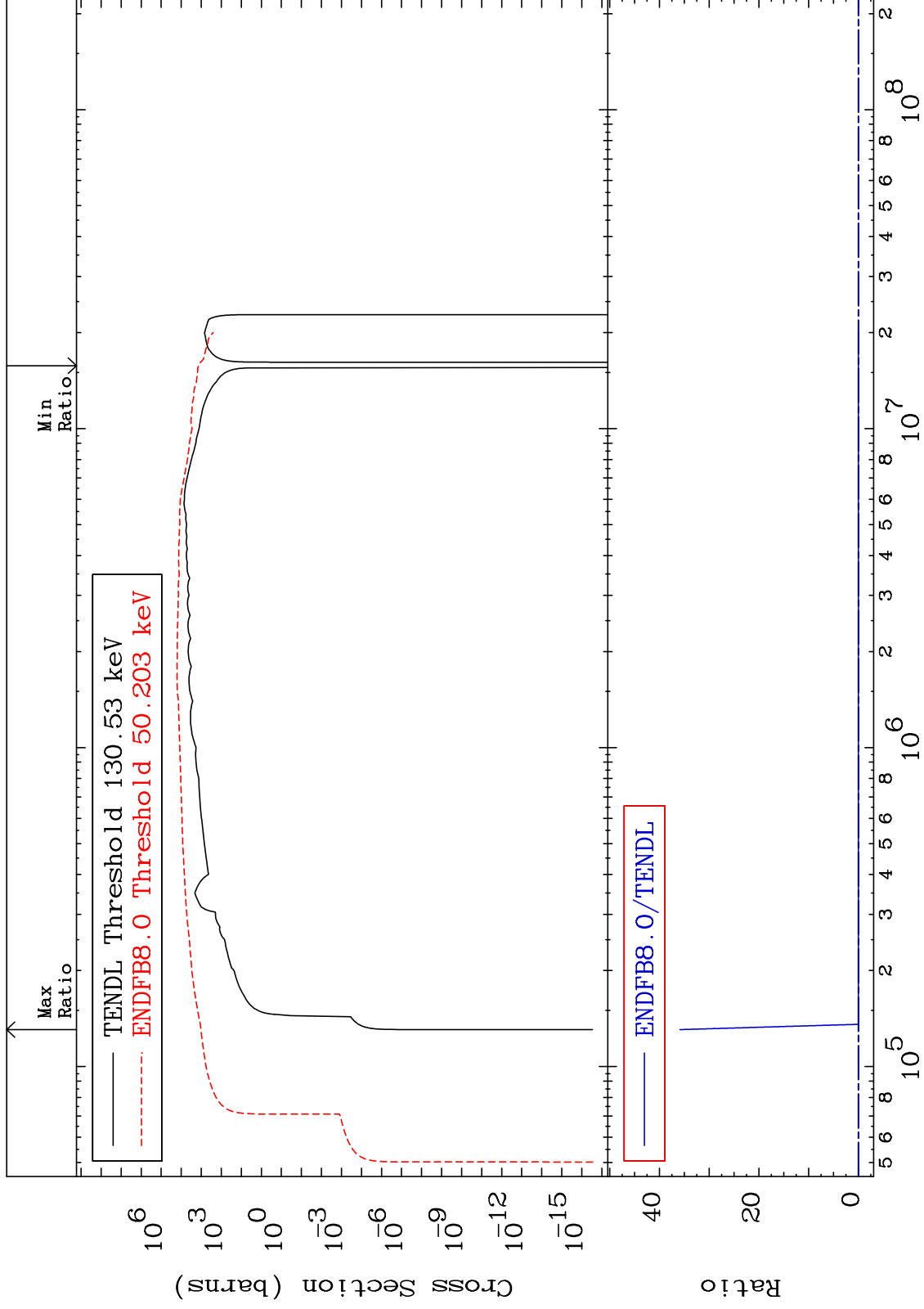
97-Bk-248
-73.90 To 9999. %



MAT 9749

Kerma inelastic (mt51-91)
Cross Section

97-Bk-248
-6812. To 9999. %



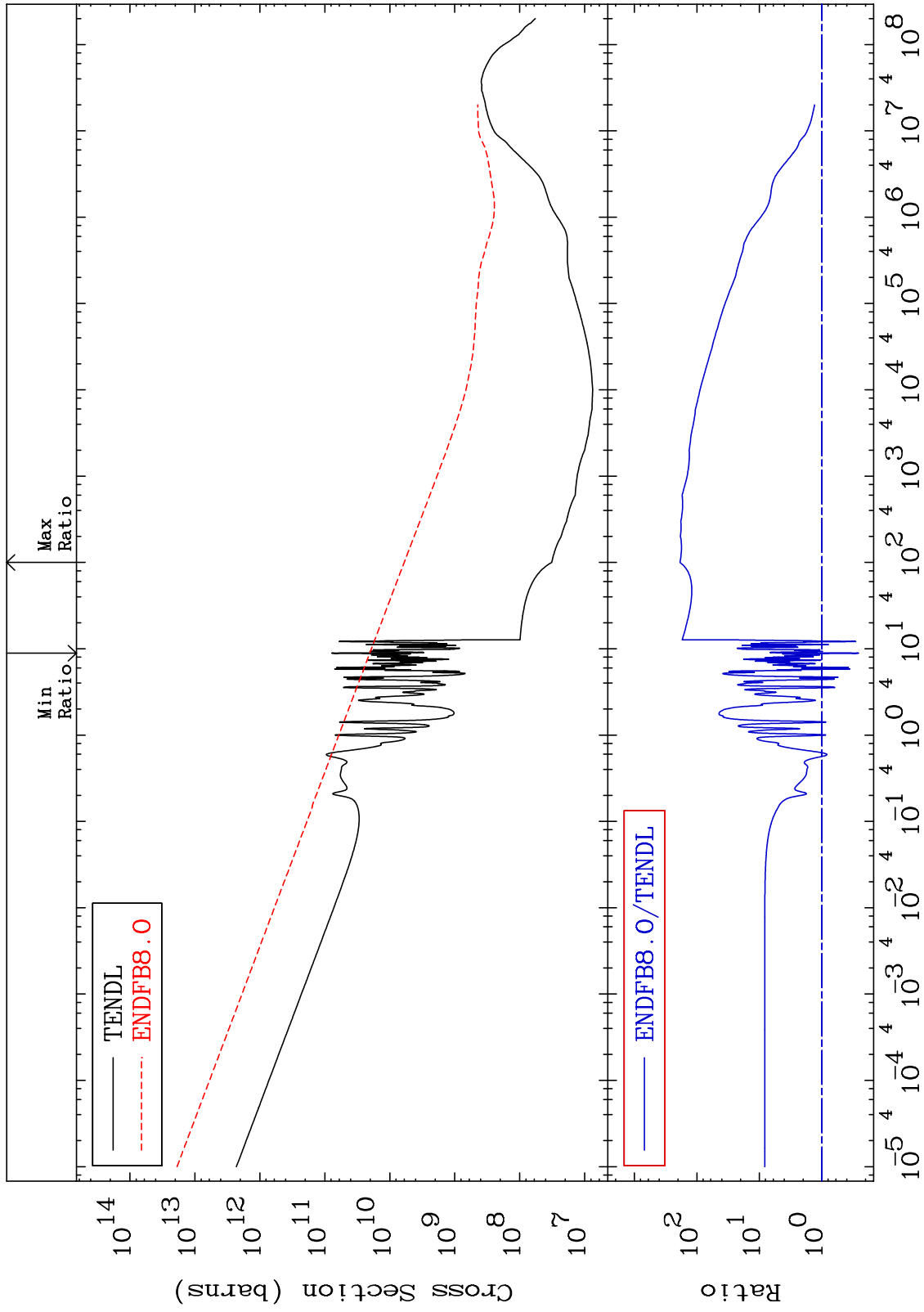
MAT 9749

Kerma fission (mt18 or mt19-20-21-38)

97-Bk-248

-73.90 To 9999. %

Cross Section



25

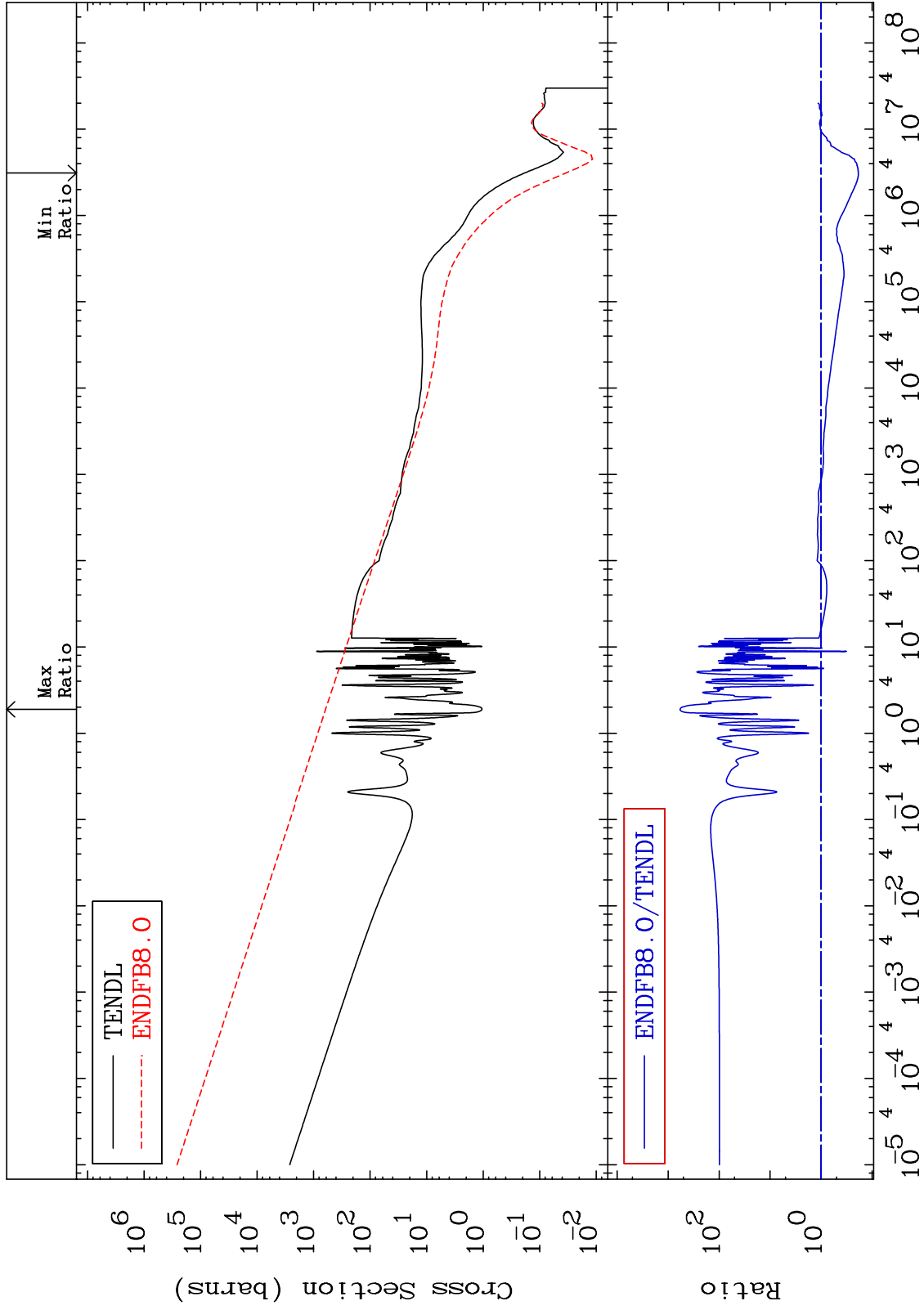
Incident Energy (eV)

97-Bk-248

MAT 9749

Kerma capture (mt102)
Cross Section

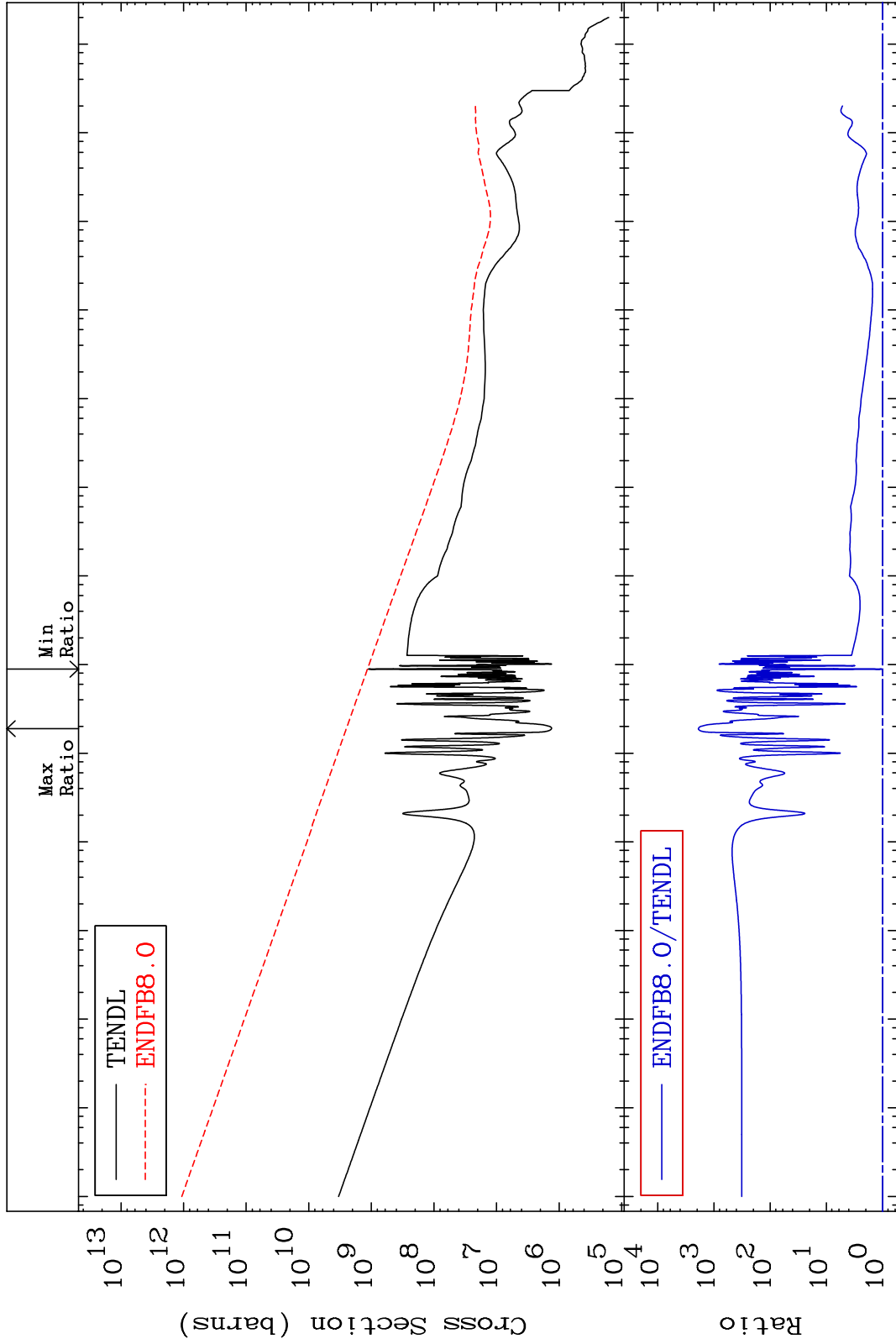
97-Bk-248
-81.42 To 9999. %



MAT 9749

Total photon (eV-barns)
Cross Section

97-Bk-248
4.573 To 9999. %



27

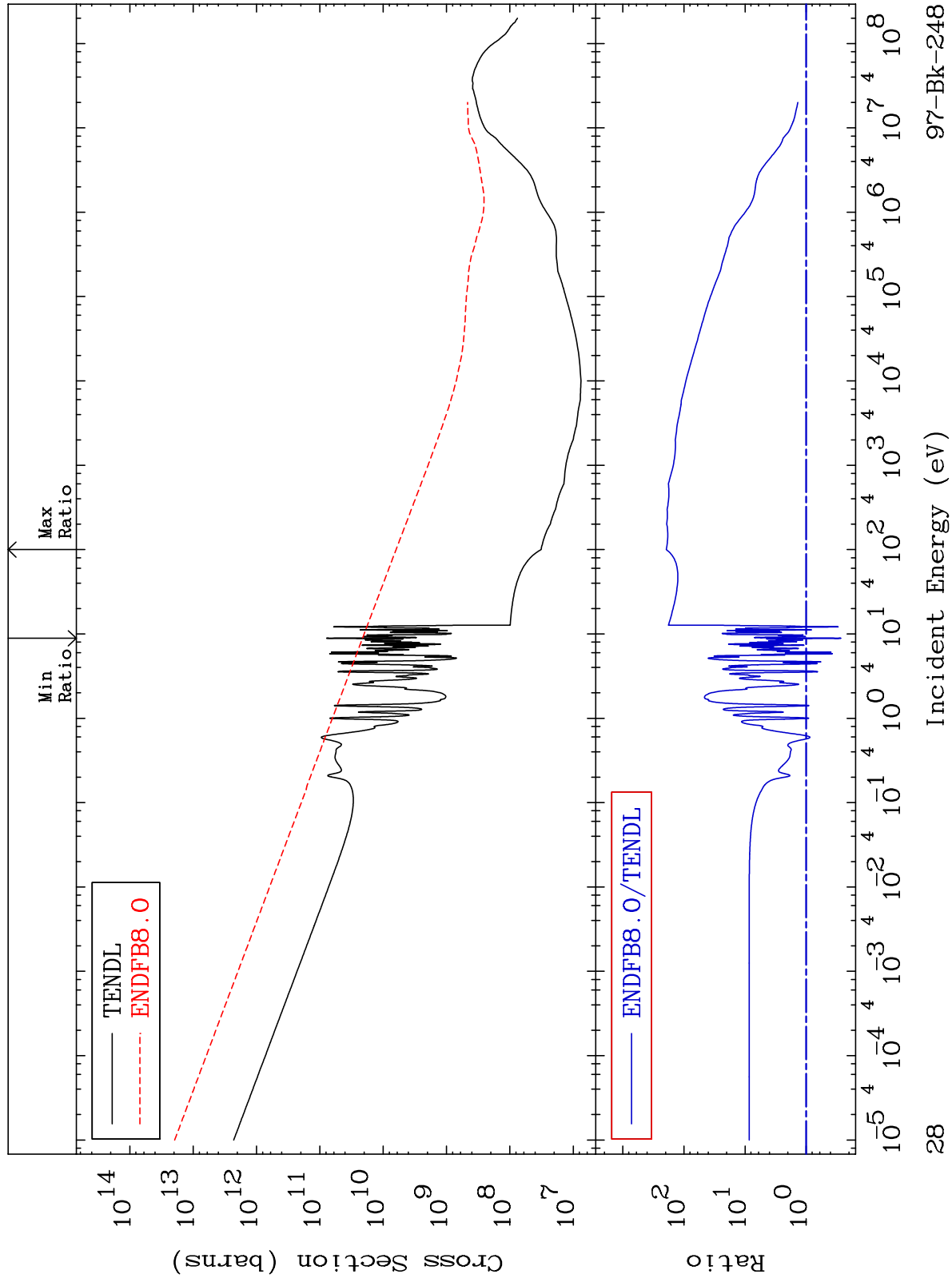
Incident Energy (eV)

97-Bk-248

MAT 9749

Total kinematic kerma (high limit)
Cross Section

97-Bk-248
-72.78 To 9999. %



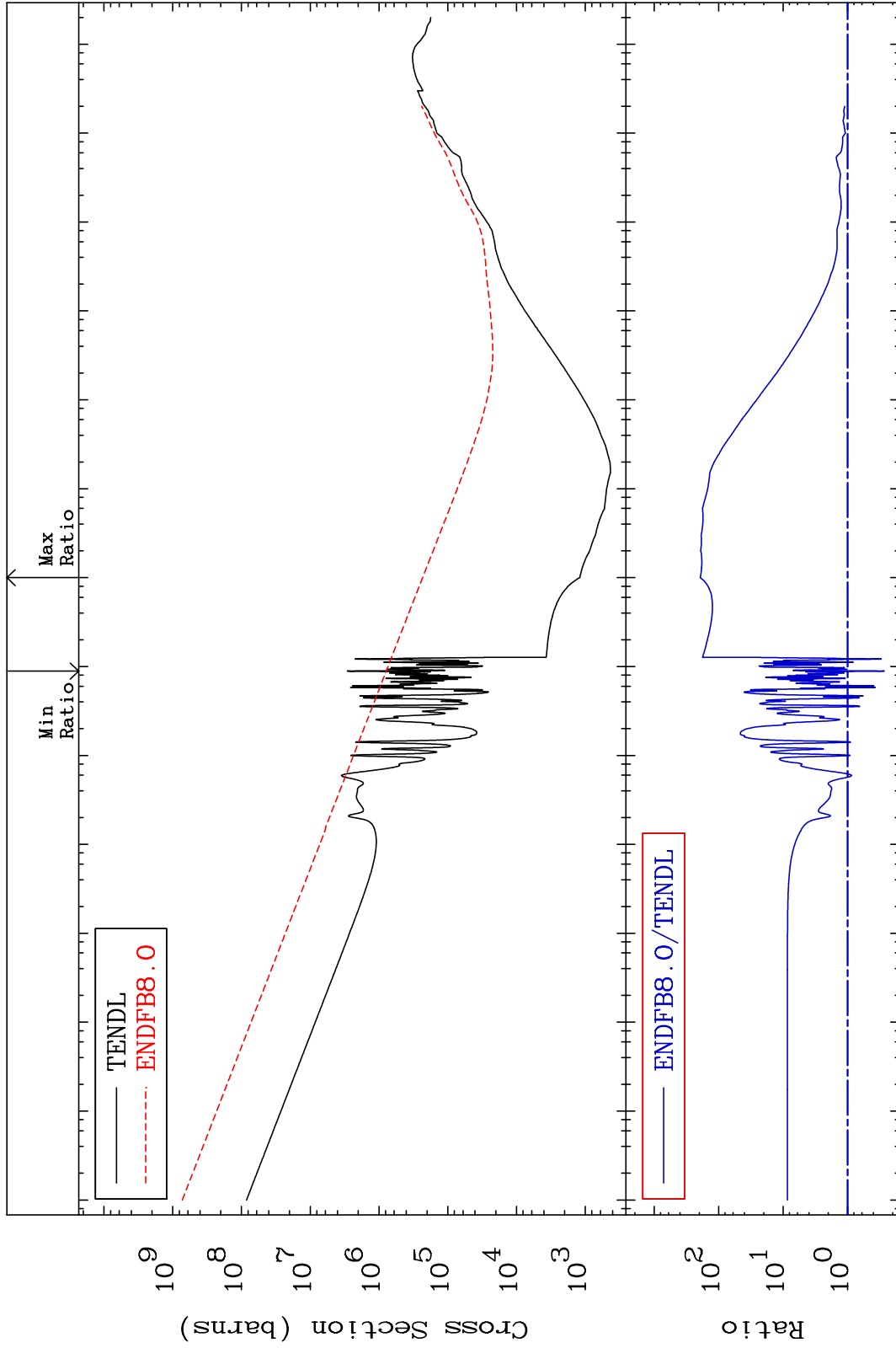
MAT 9749

Dpa total (eV-barns)

97-Bk-248

-72.69 To 9999. %

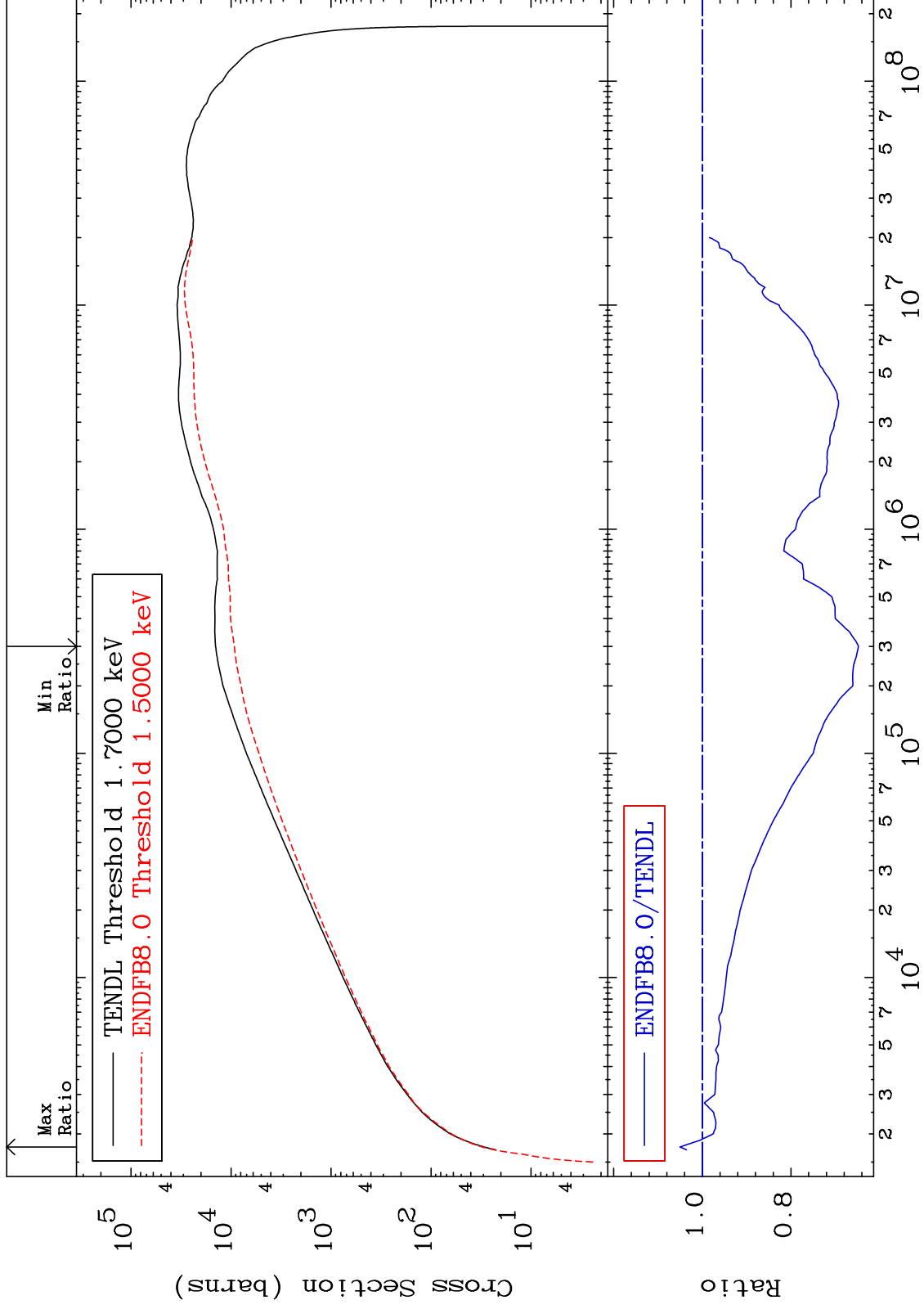
Cross Section



MAT 9749

Dpa elastic (mt2)
Cross Section

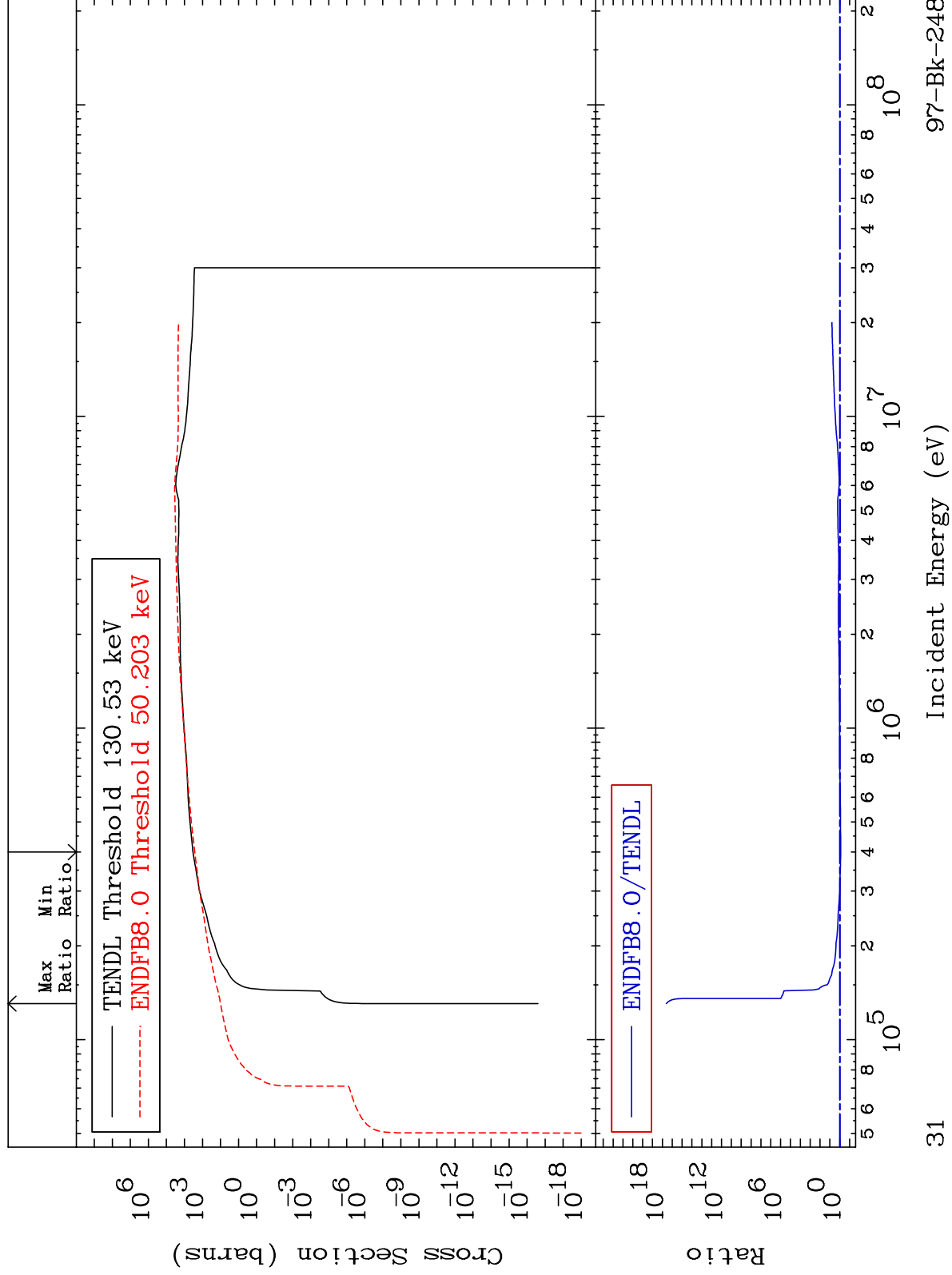
97-Bk-248
-35.21 To 5.034 %



MAT 9749

Dpa inelastic (mt51-91)
Cross Section

97-Bk-248
-20.65 To 9999. %



MAT 9749

Dpa disappearance (mt102 -120)
Cross Section

97-Bk-248
-100.0 To 9999. %

