

Program Complot
(Version 2021-1)

by

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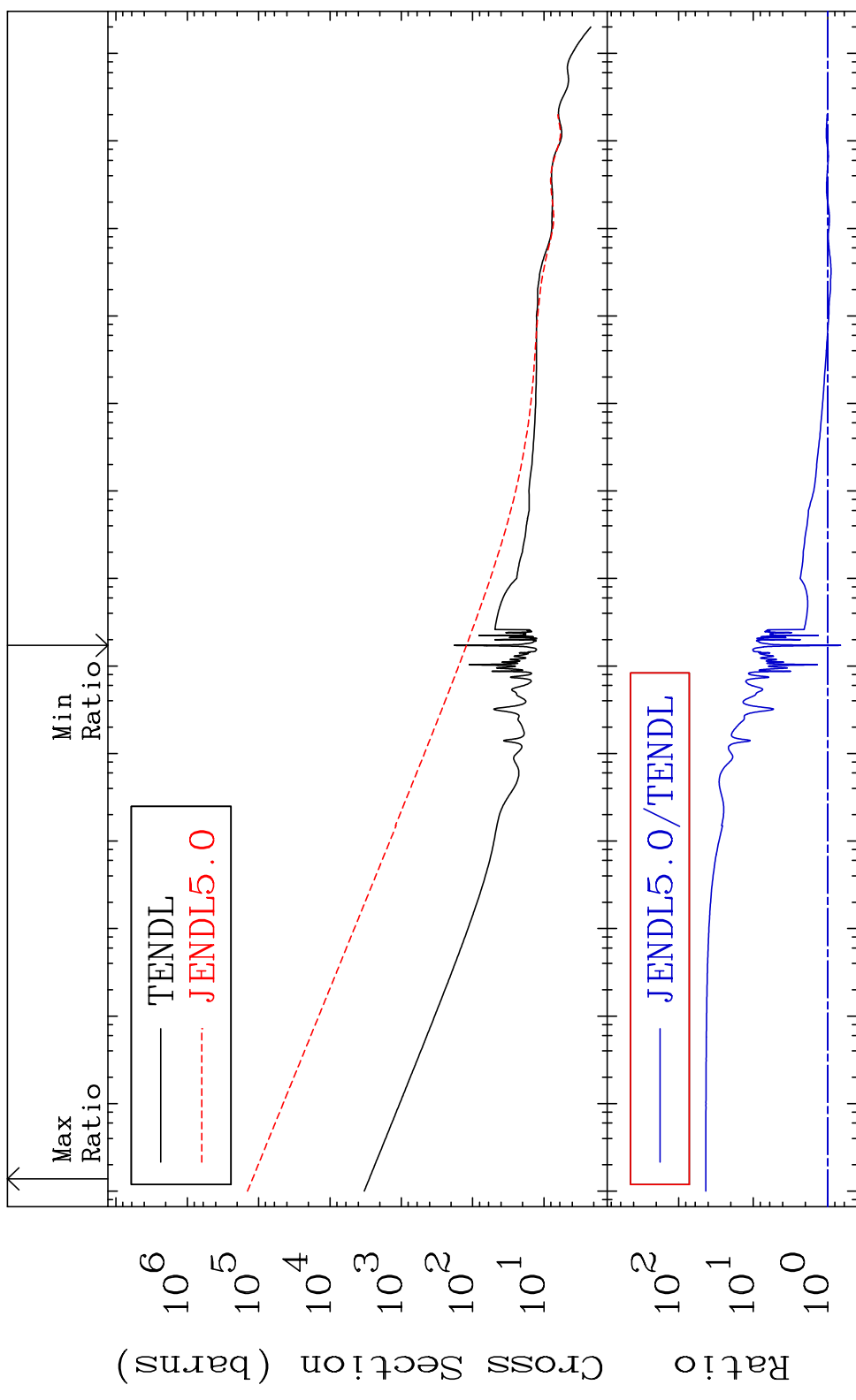
Press Mouse Button to Start

MAT 9749

Total

97-Bk-248

Cross Section -32.54 To 4221. %



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

1

Incident Energy (eV)

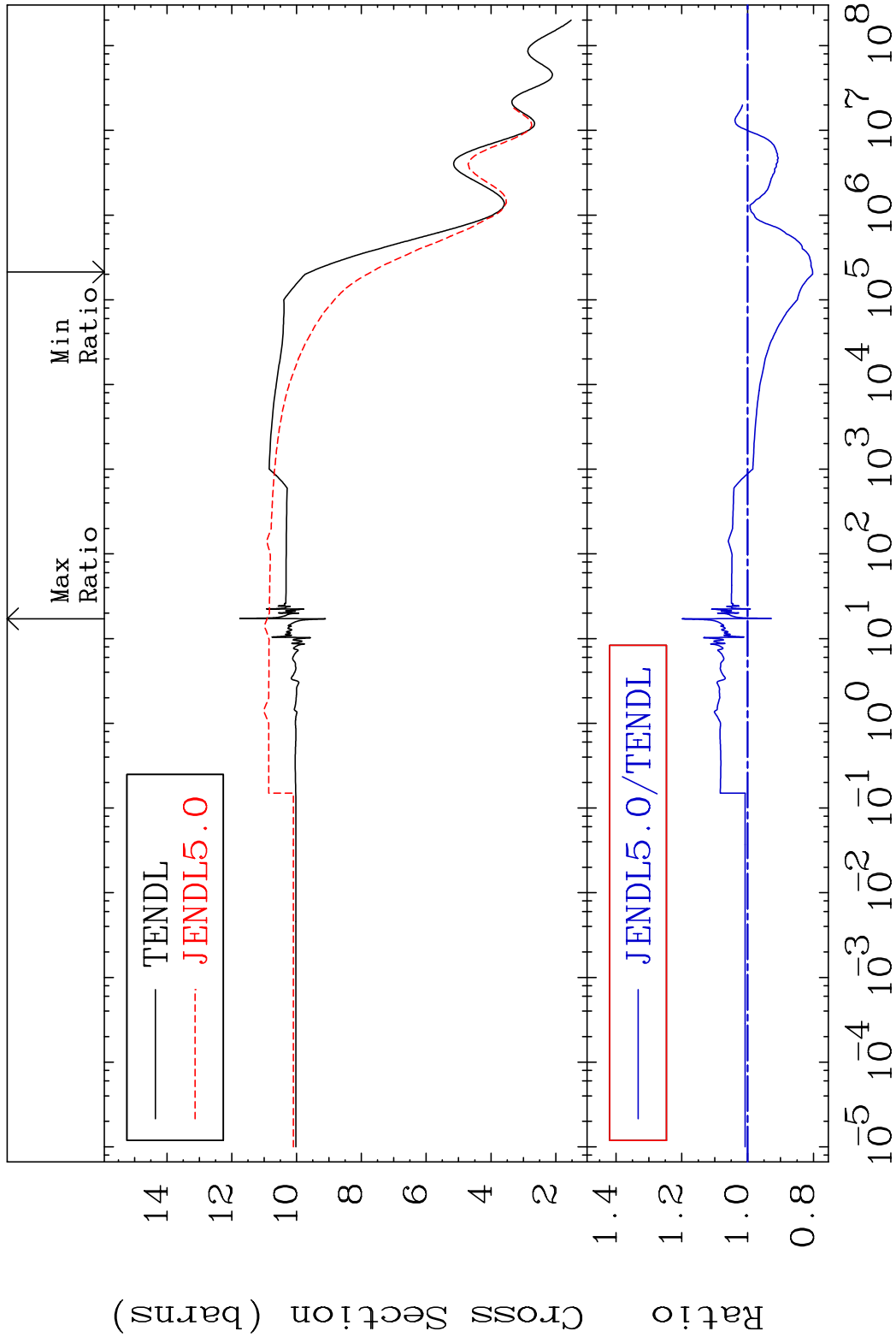
97-Bk-248

MAT 9749

Elastic

97-Bk-248

Cross Section -19.73 To 19.83 %



2

Incident Energy (eV)

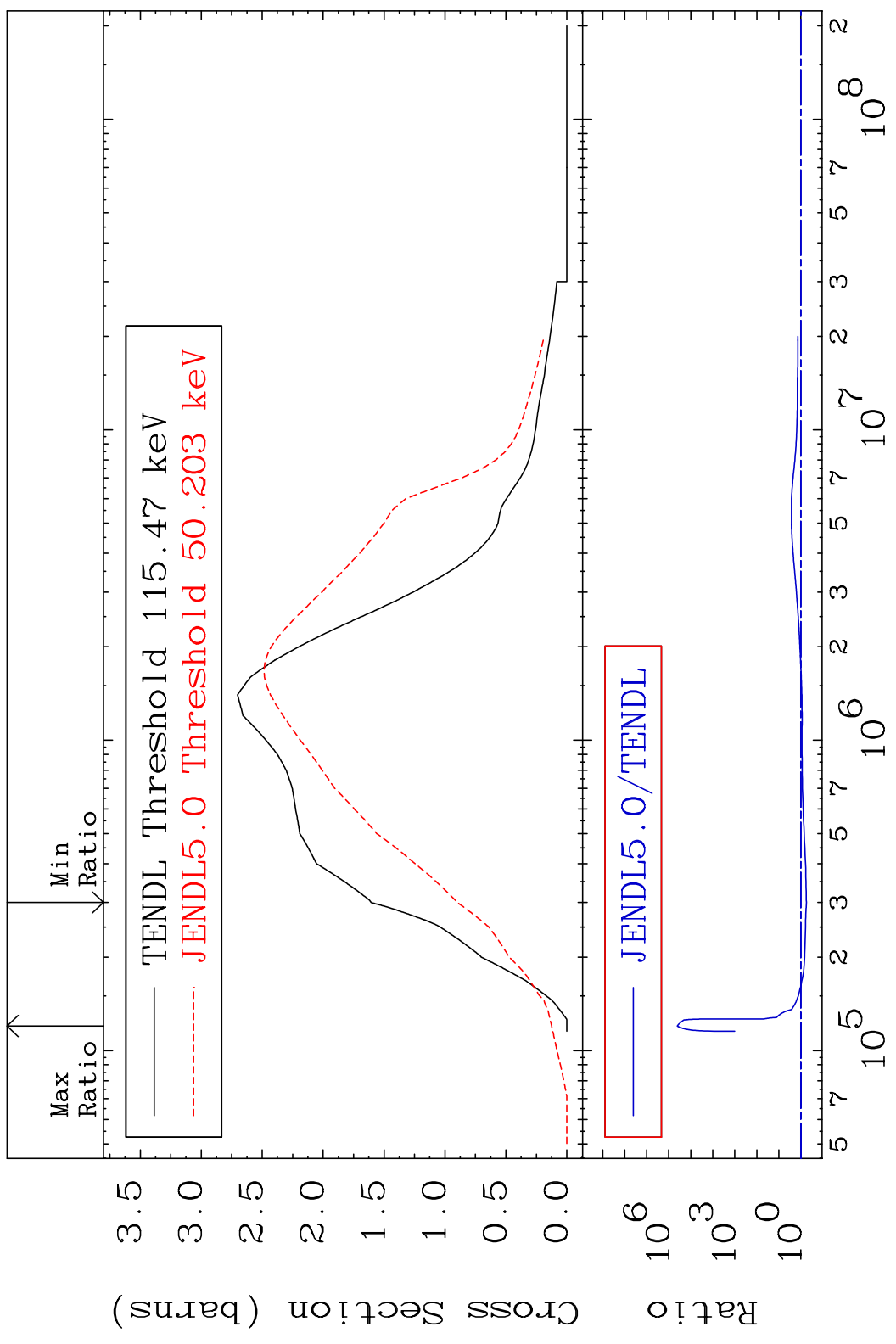
97-Bk-248

MAT 9749

Inelastic

97-Bk-248

Cross Section -44.08 To 9999. %



3

Incident Energy (eV)

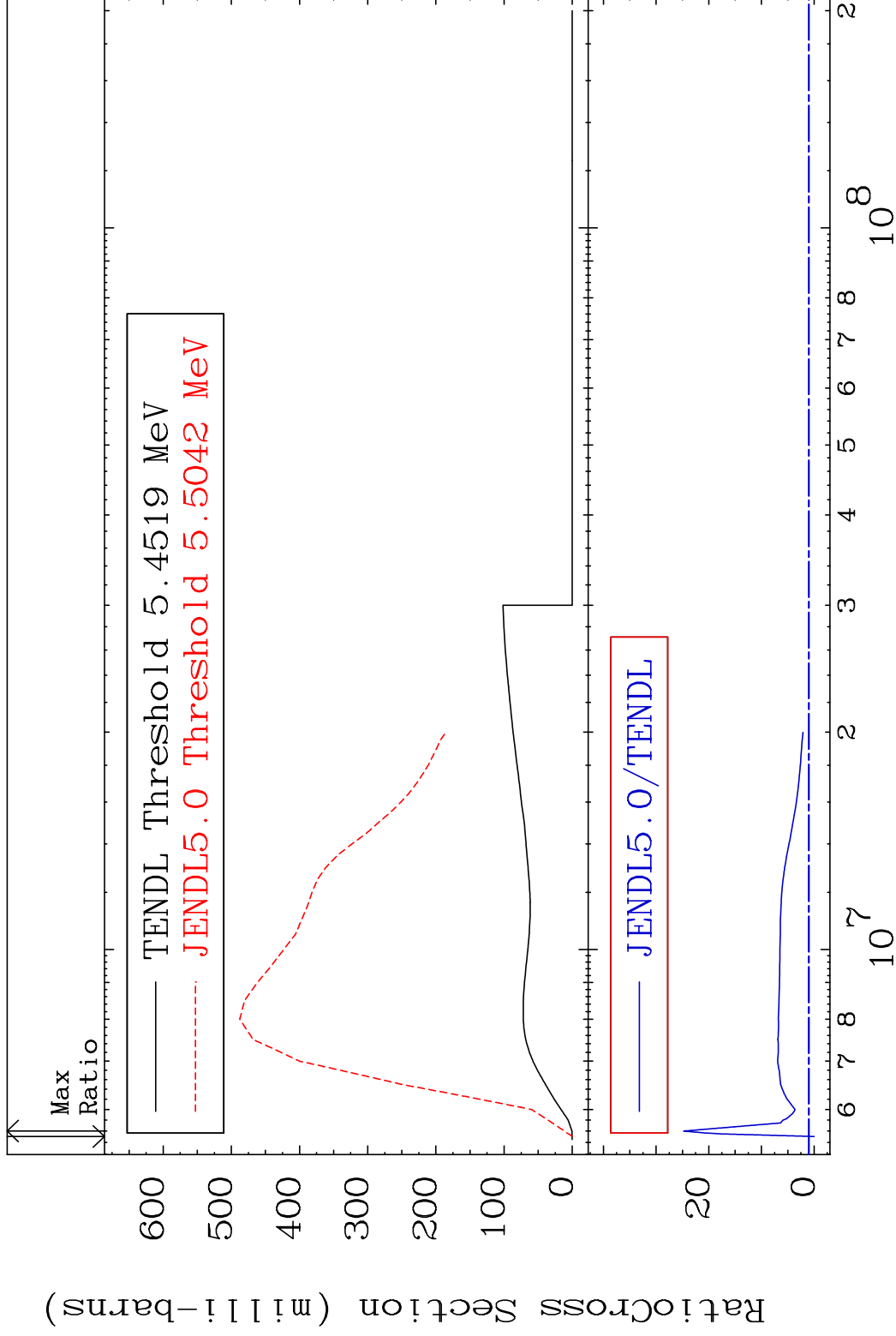
97-Bk-248

MAT 9749

(n,2n)

97-Bk-248

Cross Section -100.0 To 2377. %



4

Incident Energy (eV)

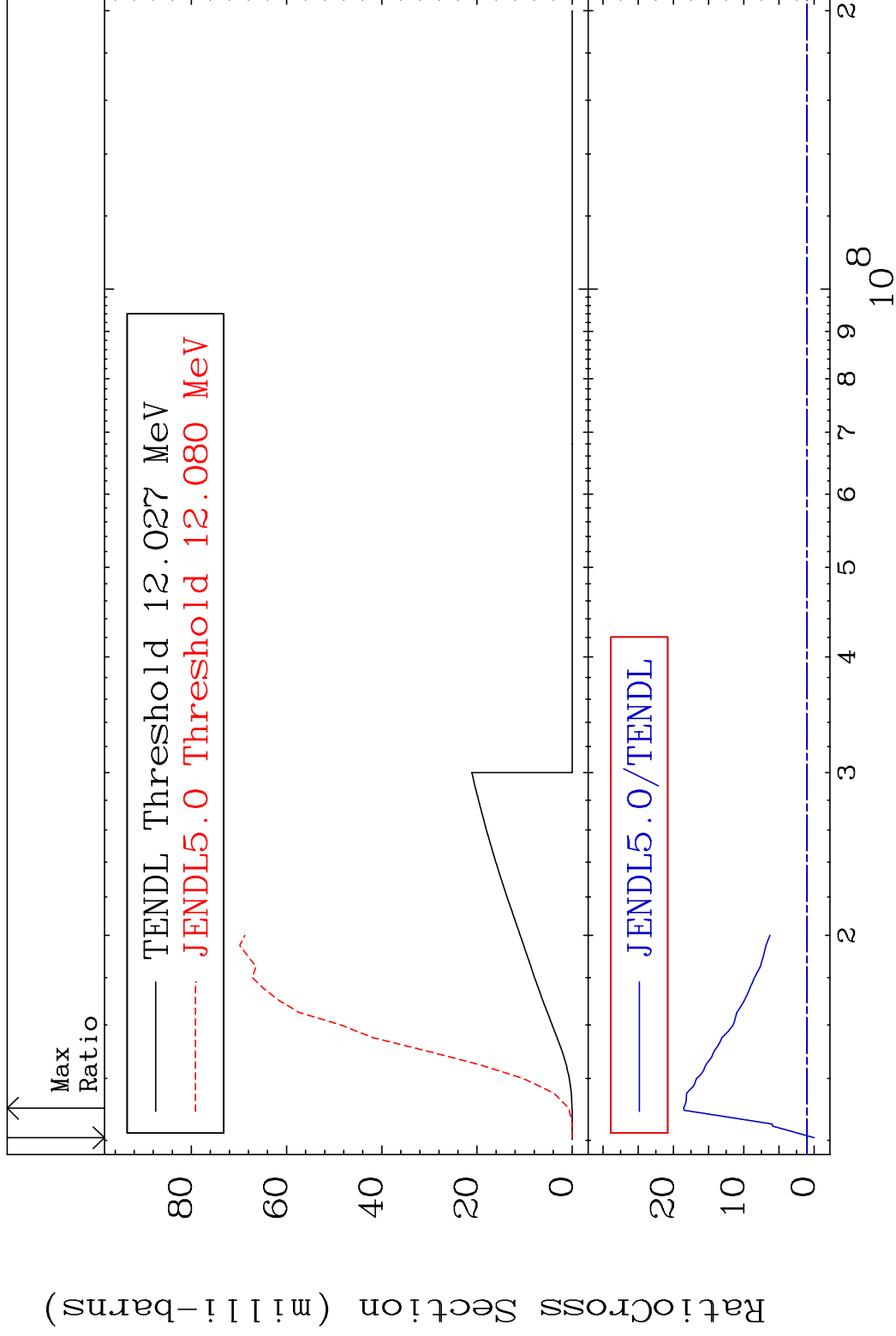
97-Bk-248

MAT 9749

(n,3n)

97-Bk-248

Cross Section -100.0 To 1753. %



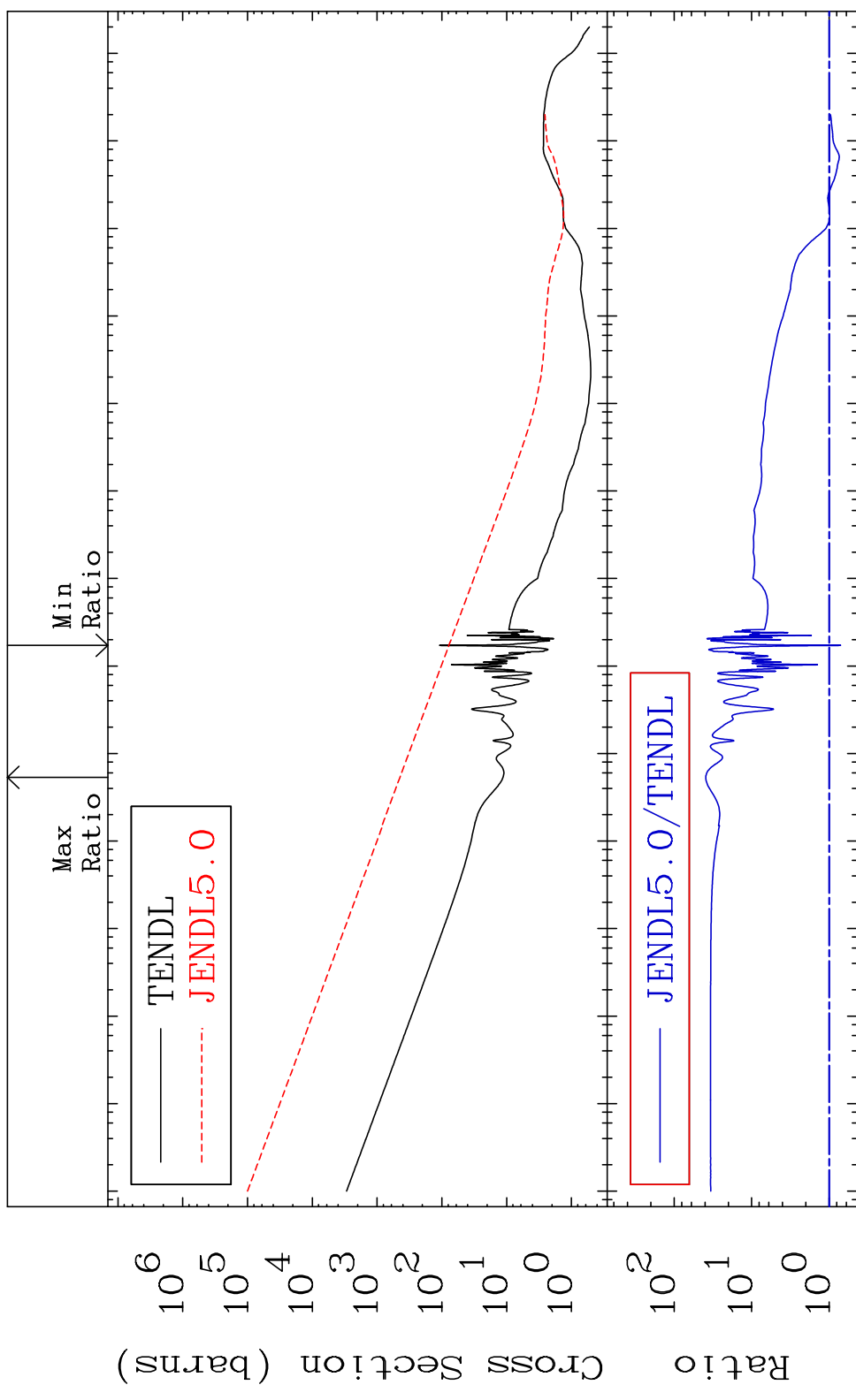
5

Incident Energy (eV)

97-Bk-248

MAT 9749

Fission
Cross Section -28.45 To 3810. %



6

Incident Energy (eV)

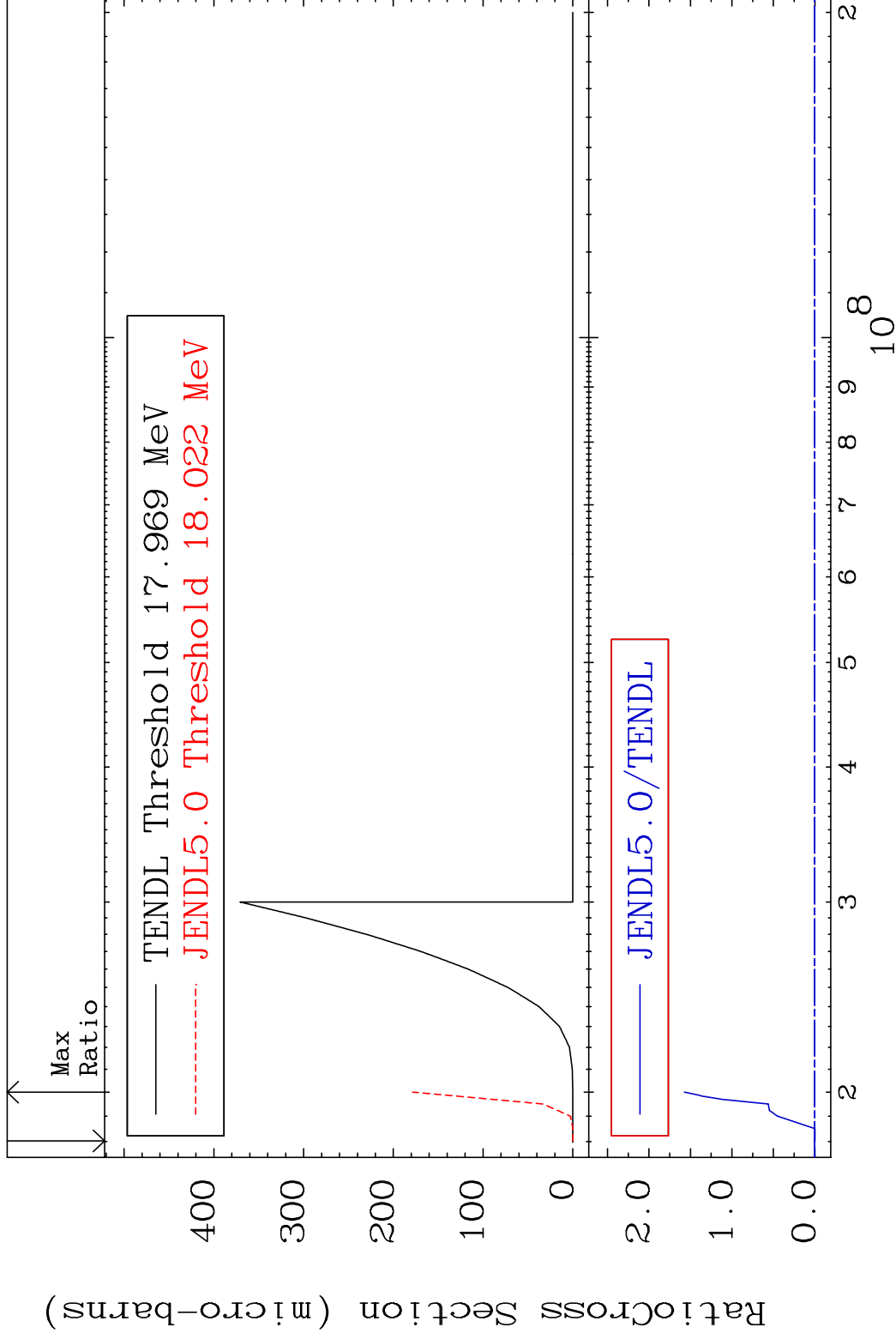
97-Bk-248

MAT 9749

(n, 4n)

97-Bk-248

Cross Section -100.0 To 9999. %

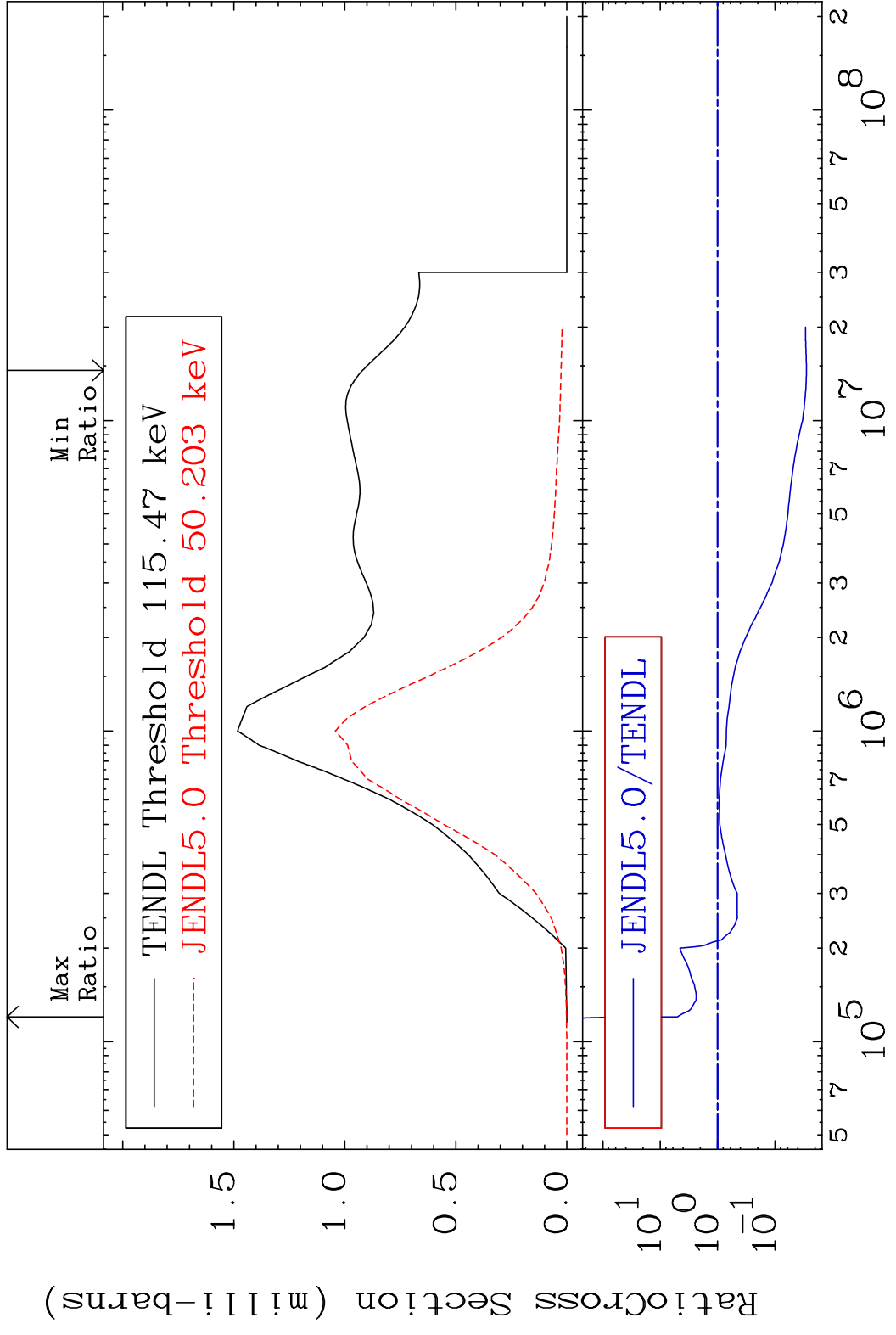


7

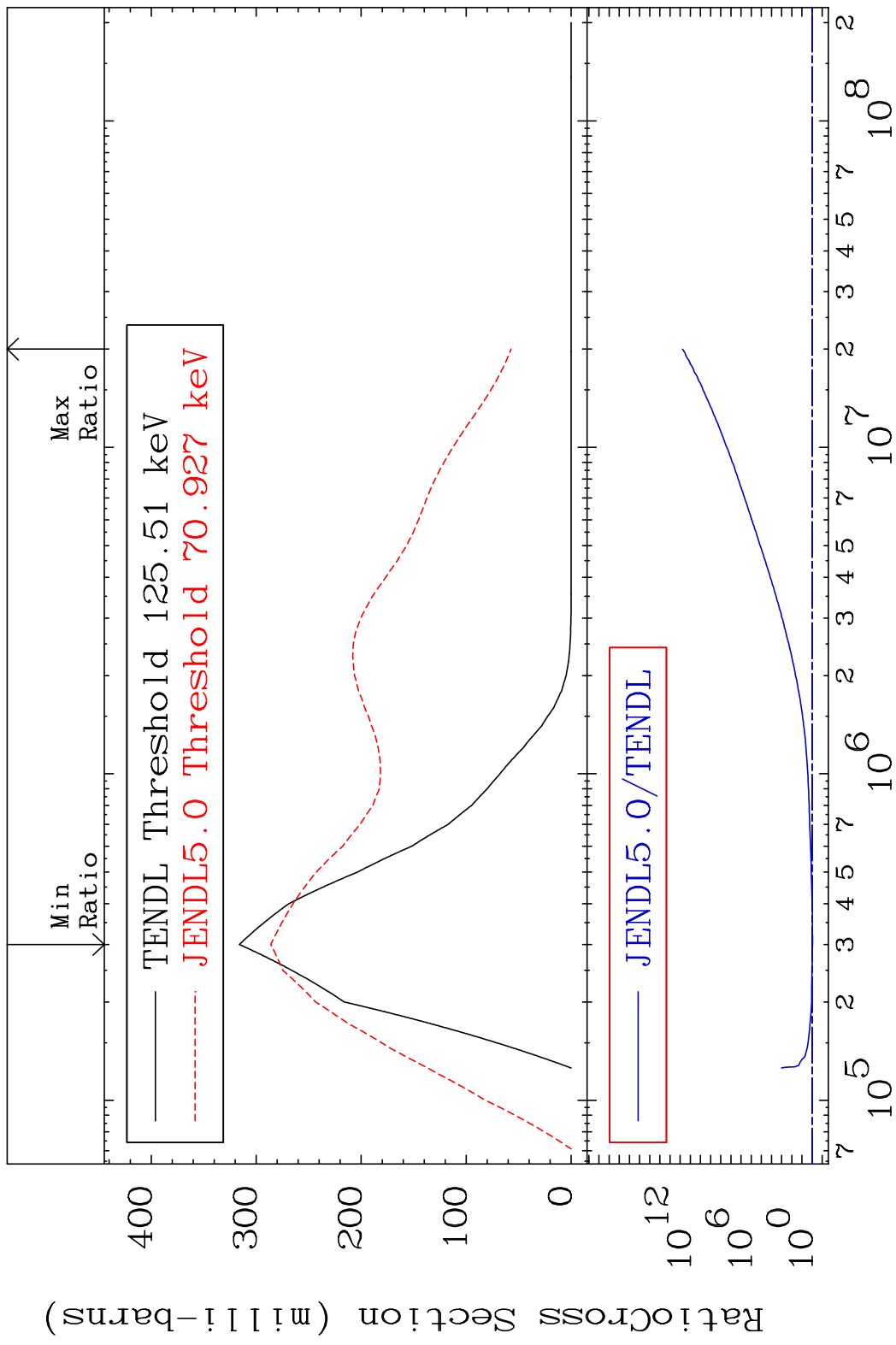
Incident Energy (eV)

97-Bk-248

MAT 9749 MT= 51 (n, n') Level 97-Bk-248
 Cross Section -97.17 To 407.0 %

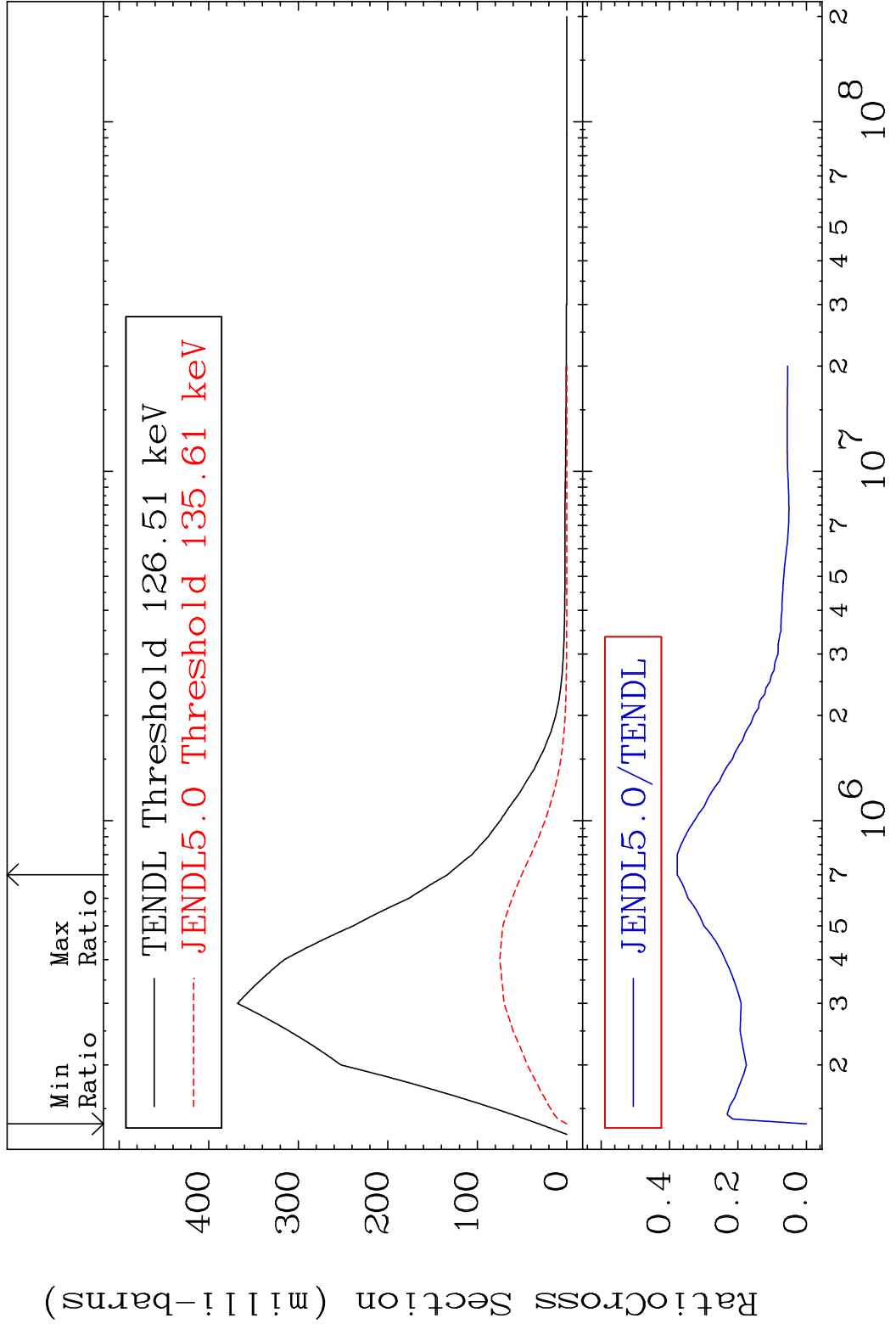


MAT 9749 MT= 52 (n, n') Level 97-Bk-248
 Cross Section -9.502 To 9999. %



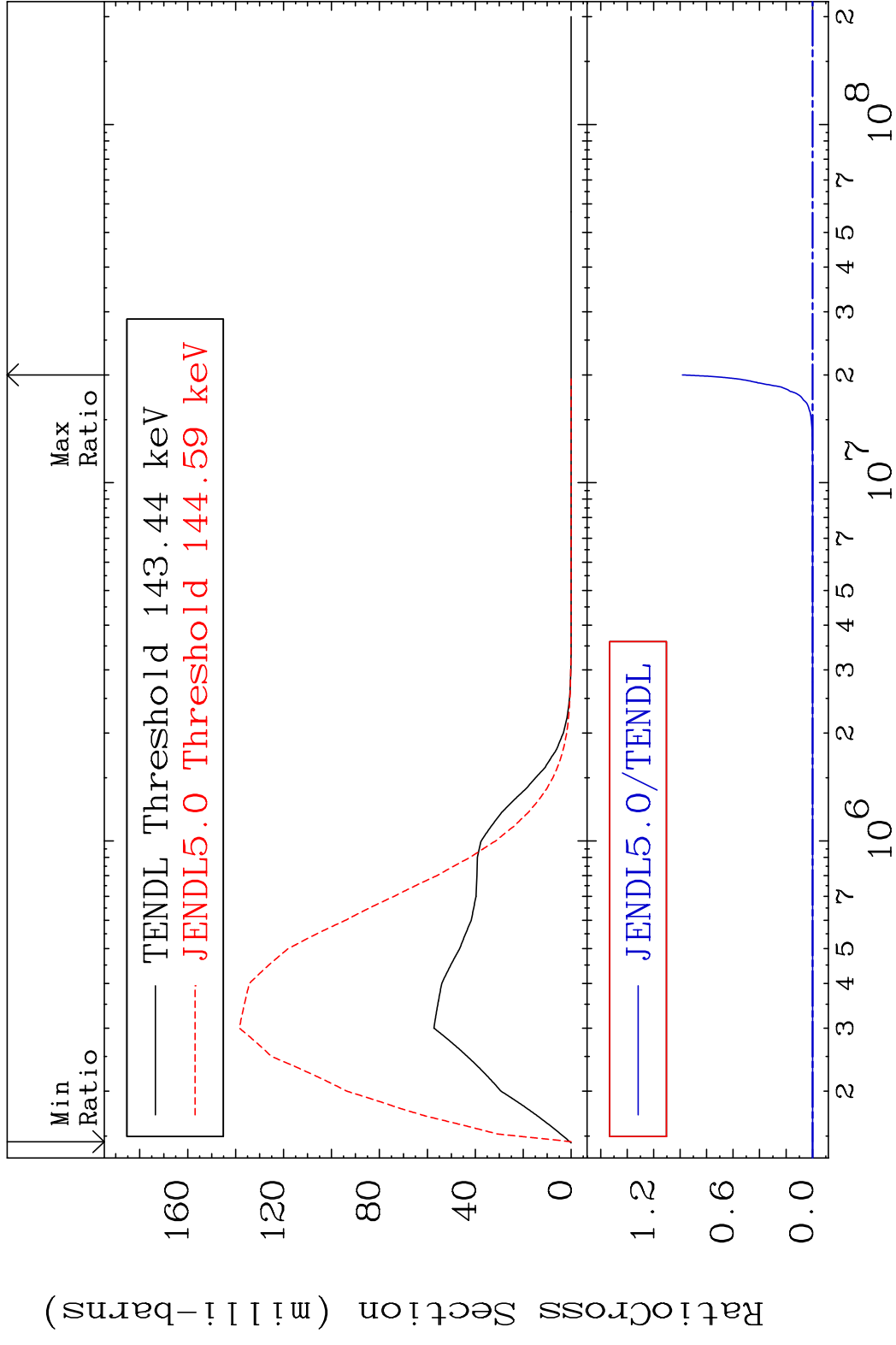
9 Incident Energy (eV) 97-Bk-248

MAT 9749 MT= 53 (n, n') Level 97-Bk-248
 Cross Section -100.0 To -62.24%

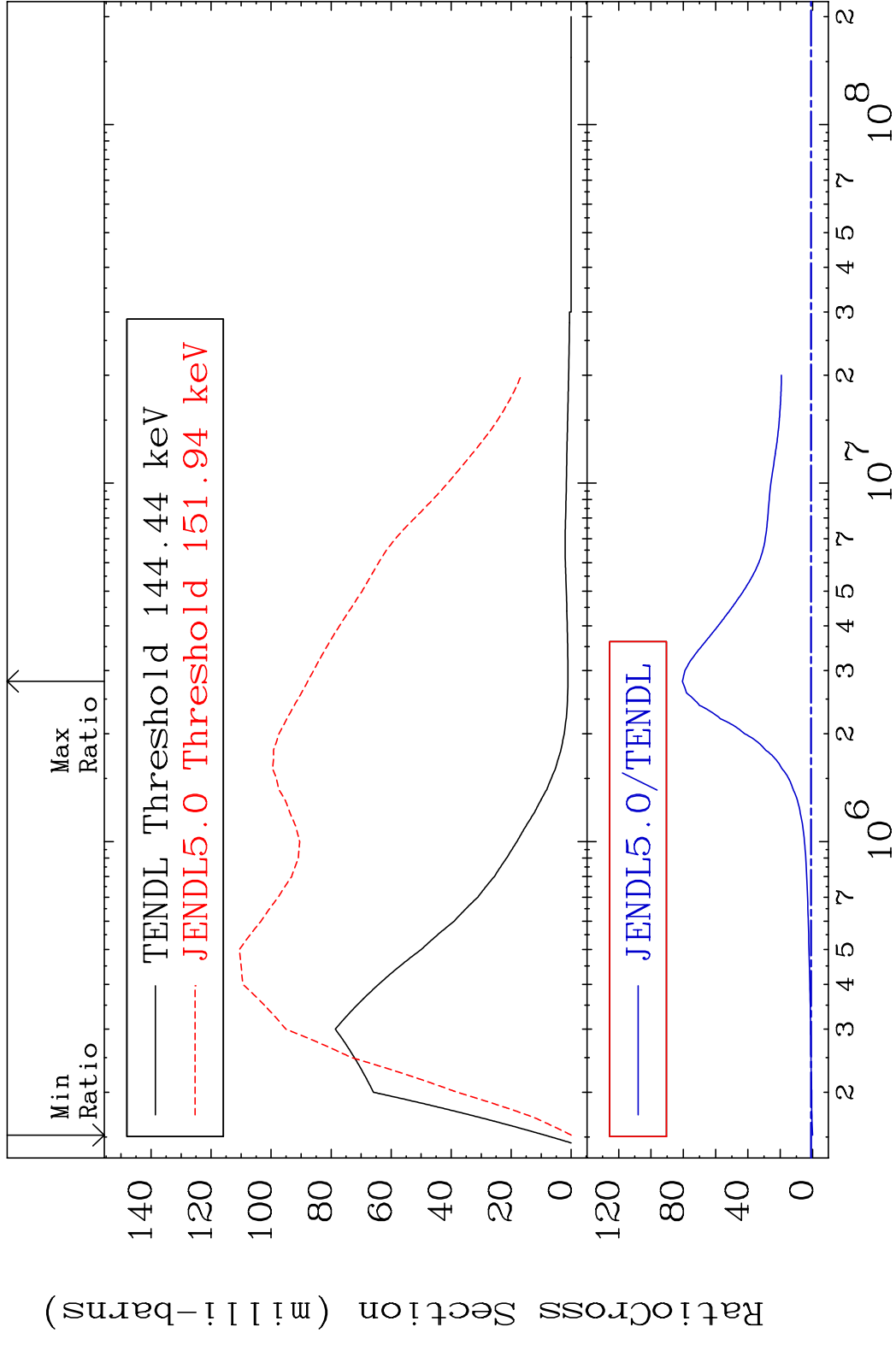


10 Incident Energy (eV) 97-Bk-248

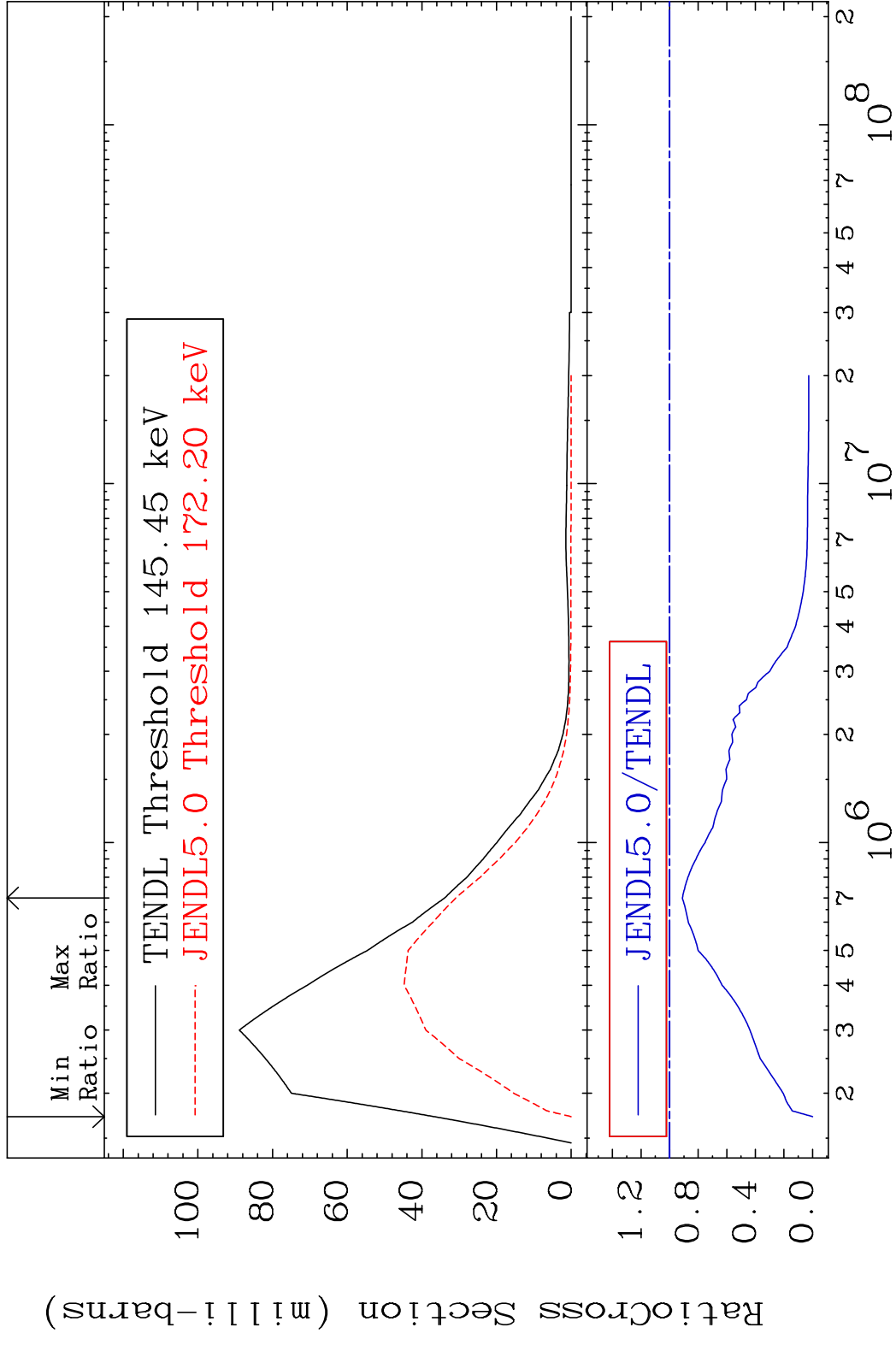
MAT 9749 MT= 54 (n, n') Level 97-Bk-248
 Cross Section -100.0 To 9999. %



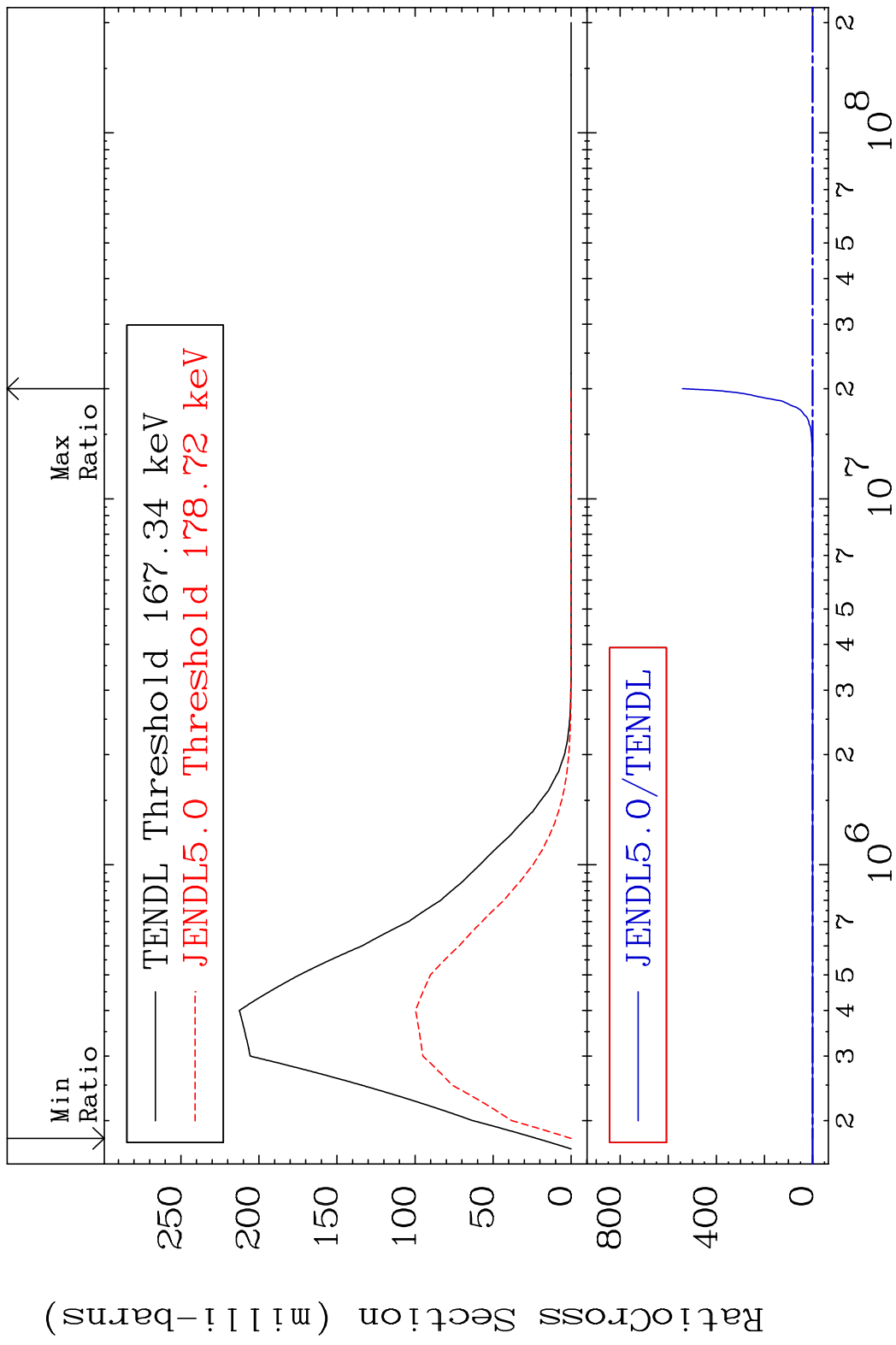
MAT 9749 MT= 55 (n, n') Level 97-Bk-248
 Cross Section -100.0 To 7958. %



MAT 9749 MT= 56 (n, n') Level 97-Bk-248
 Cross Section -100.0 To -8.891%



MAT 9749 MT= 57 (n, n') Level 97-Bk-248
 Cross Section -100.0 To 9999. %

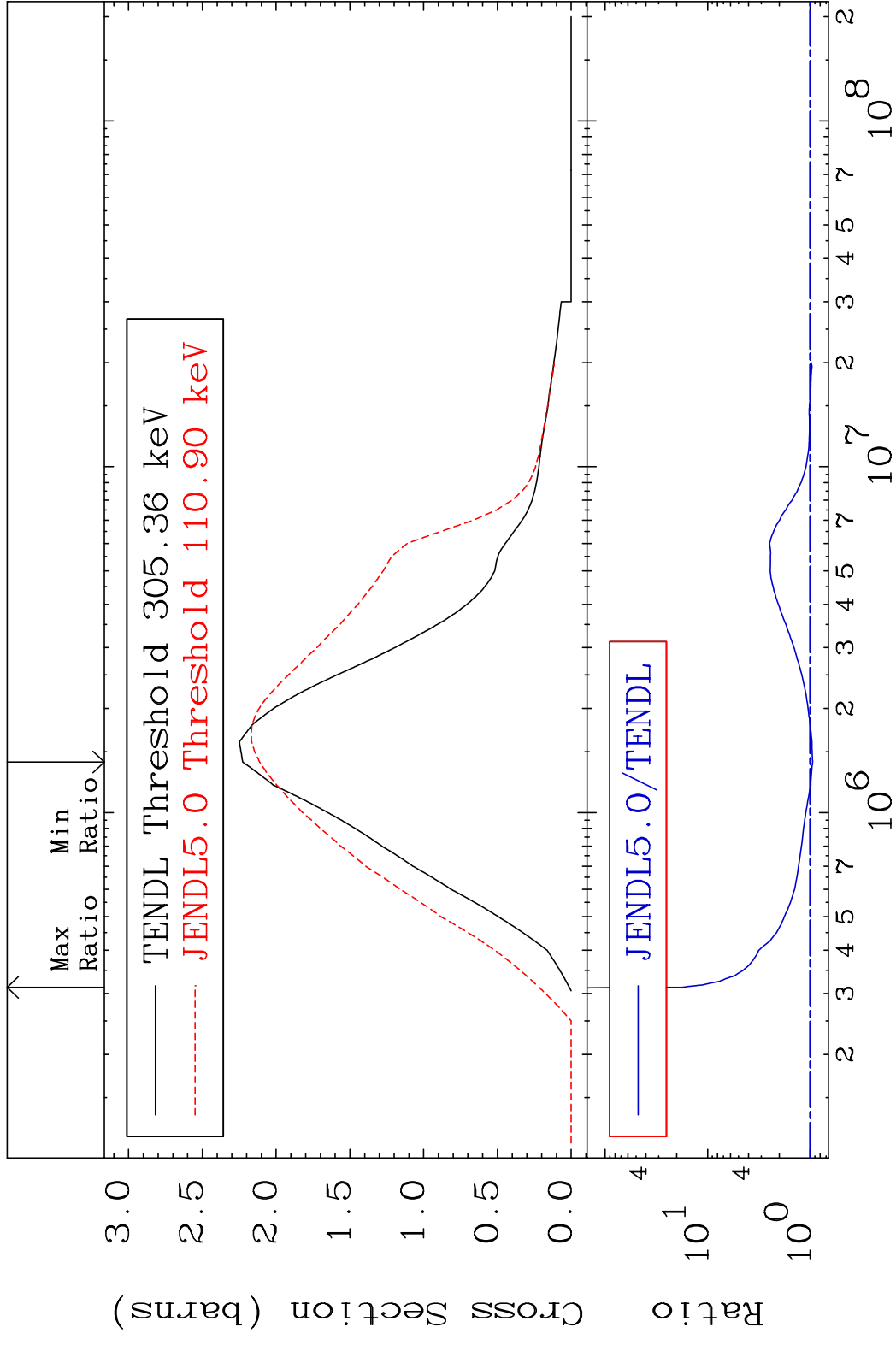


MAT 9749

(n, n') Continuum

97-Bk-248

Cross Section -5.155 To 1665. %

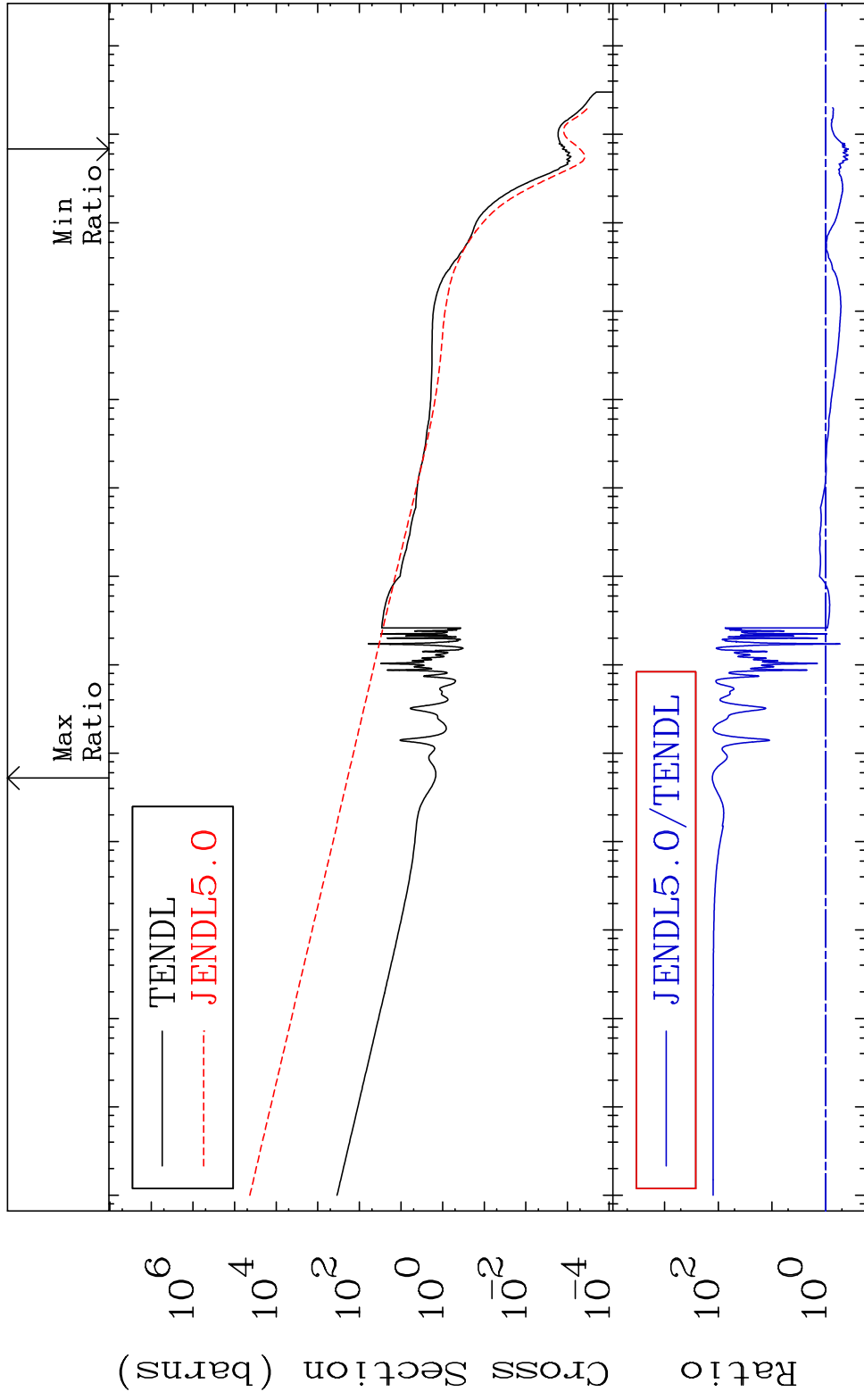


MAT 9749

(n, γ)

97-Bk-248

Cross Section -62.09 To 9999. %

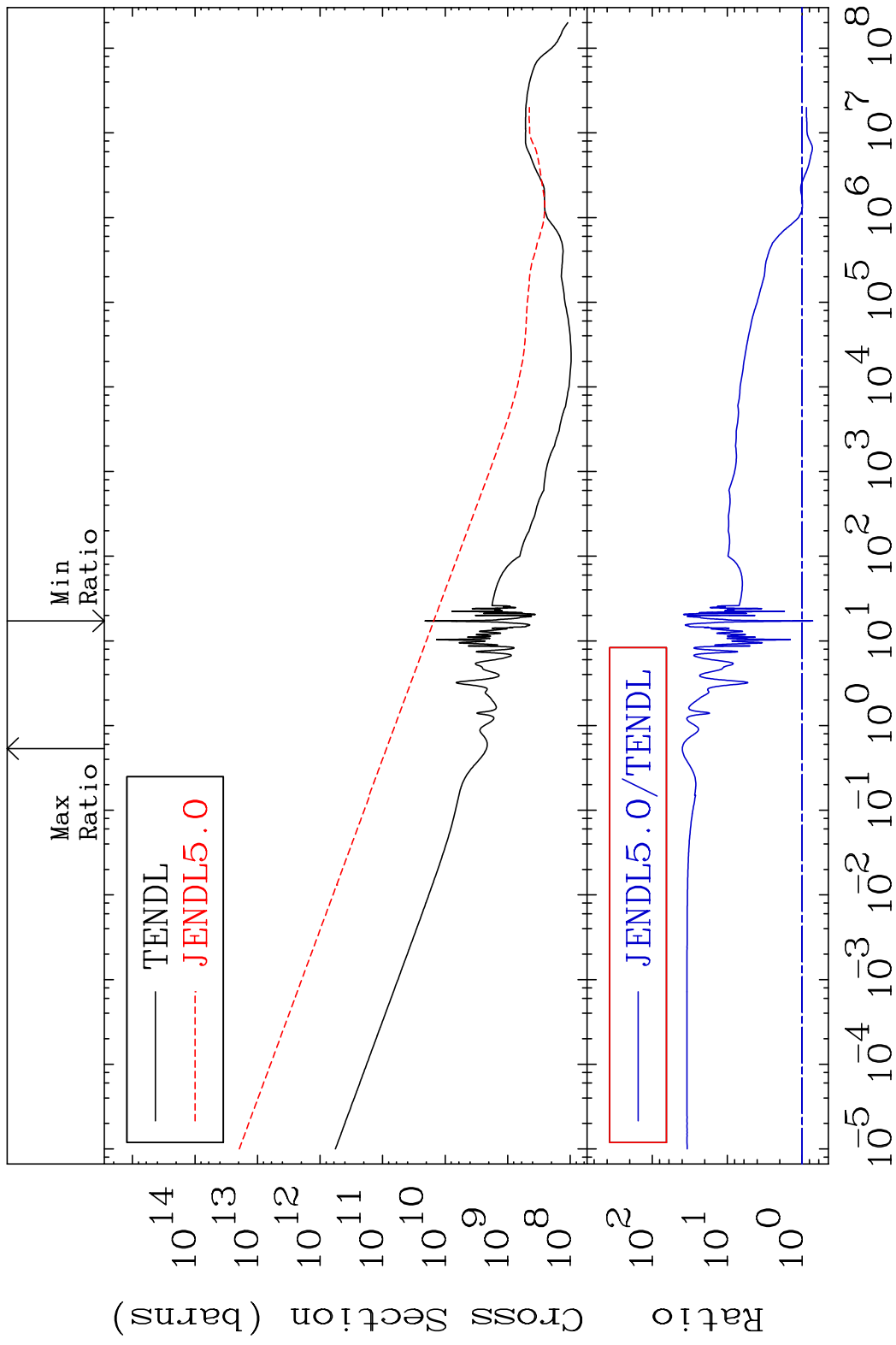


16

Incident Energy (eV)

97-Bk-248

MAT 9749 Kerma total (eV-barns) 97-Bk-248
 Cross Section -27.22 To 3877. %



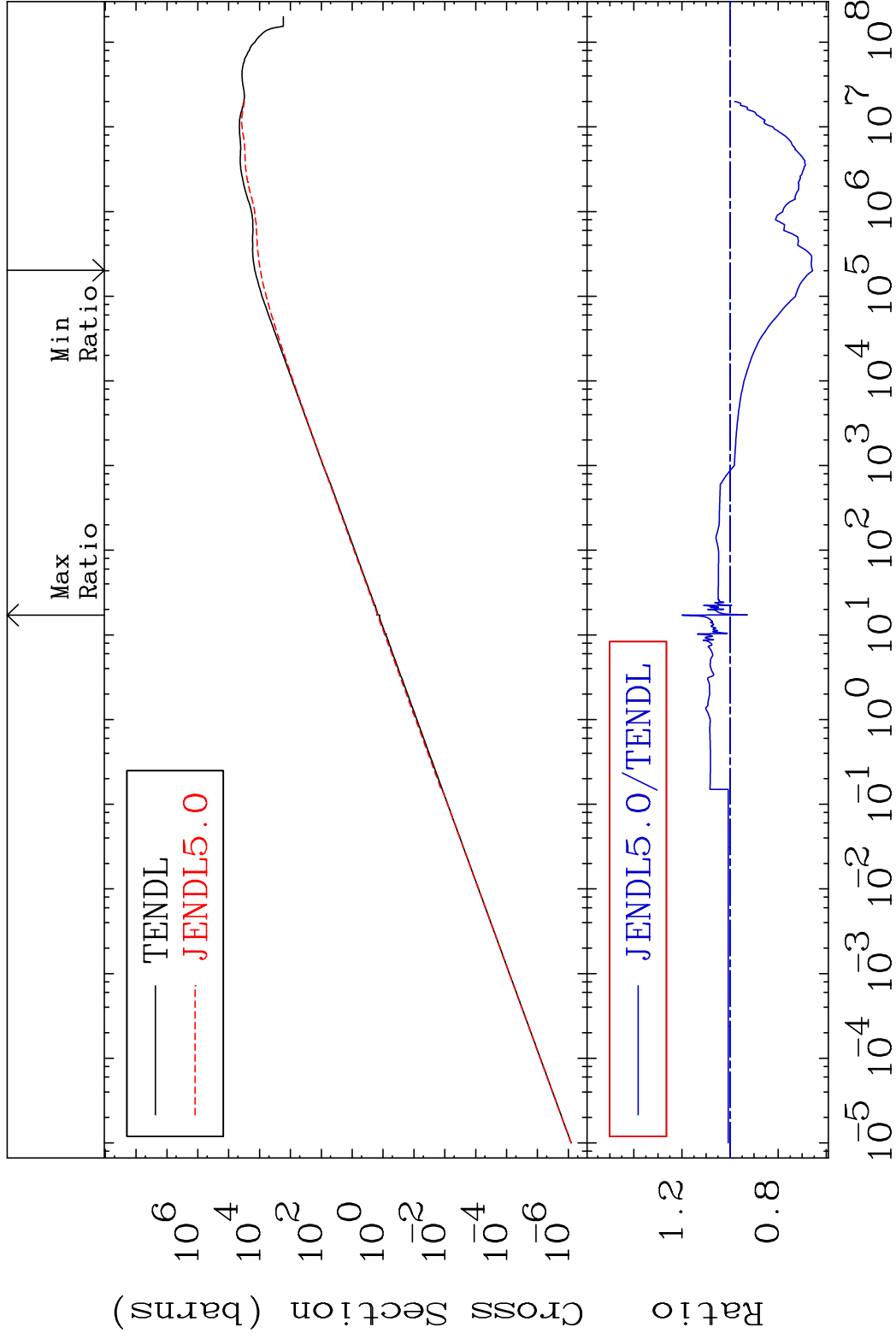
17 Incident Energy (eV) 97-Bk-248

MAT 9749

Kerma elastic

97-Bk-248

Cross Section -34.31 To 19.83 %

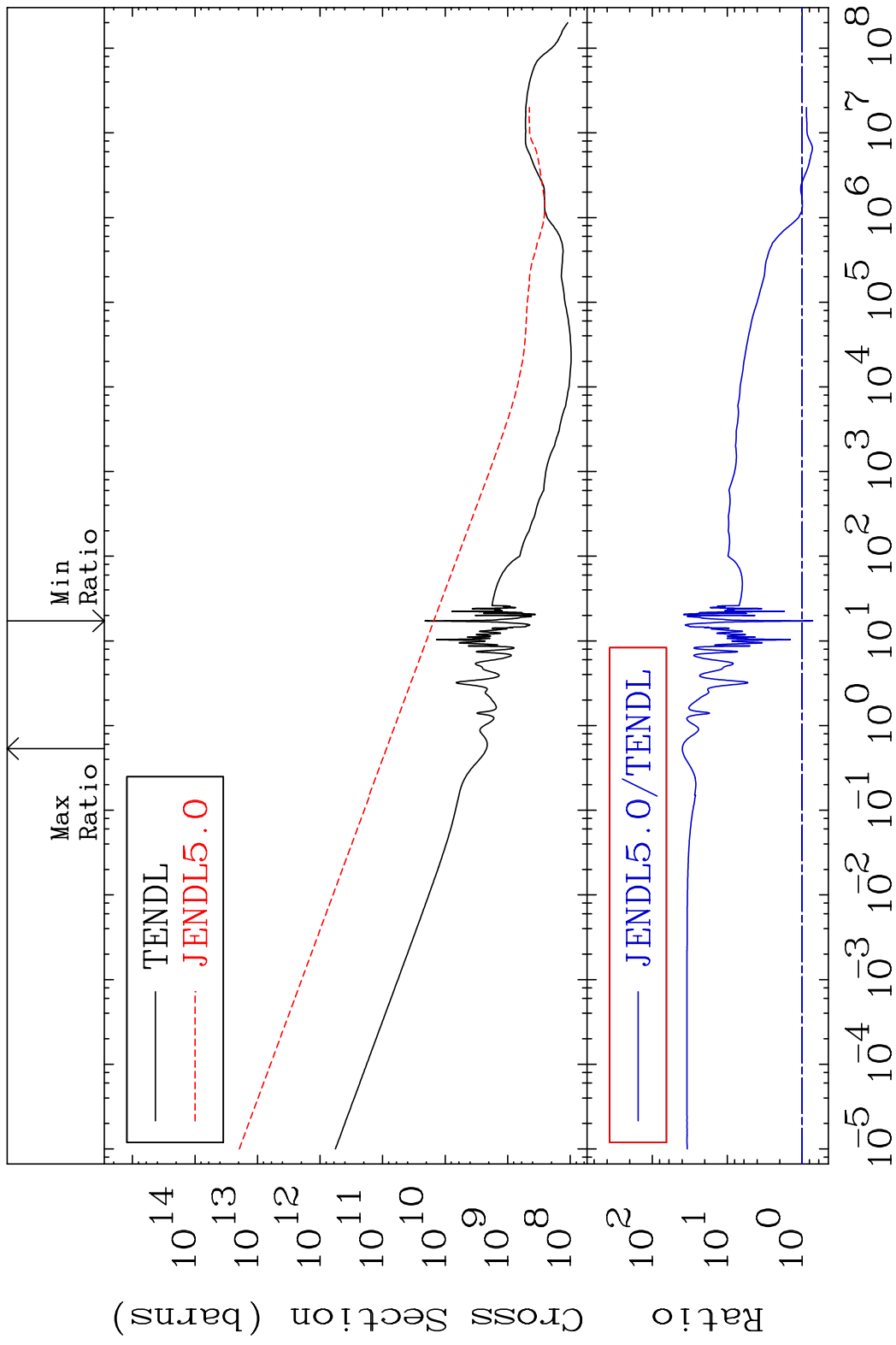


18

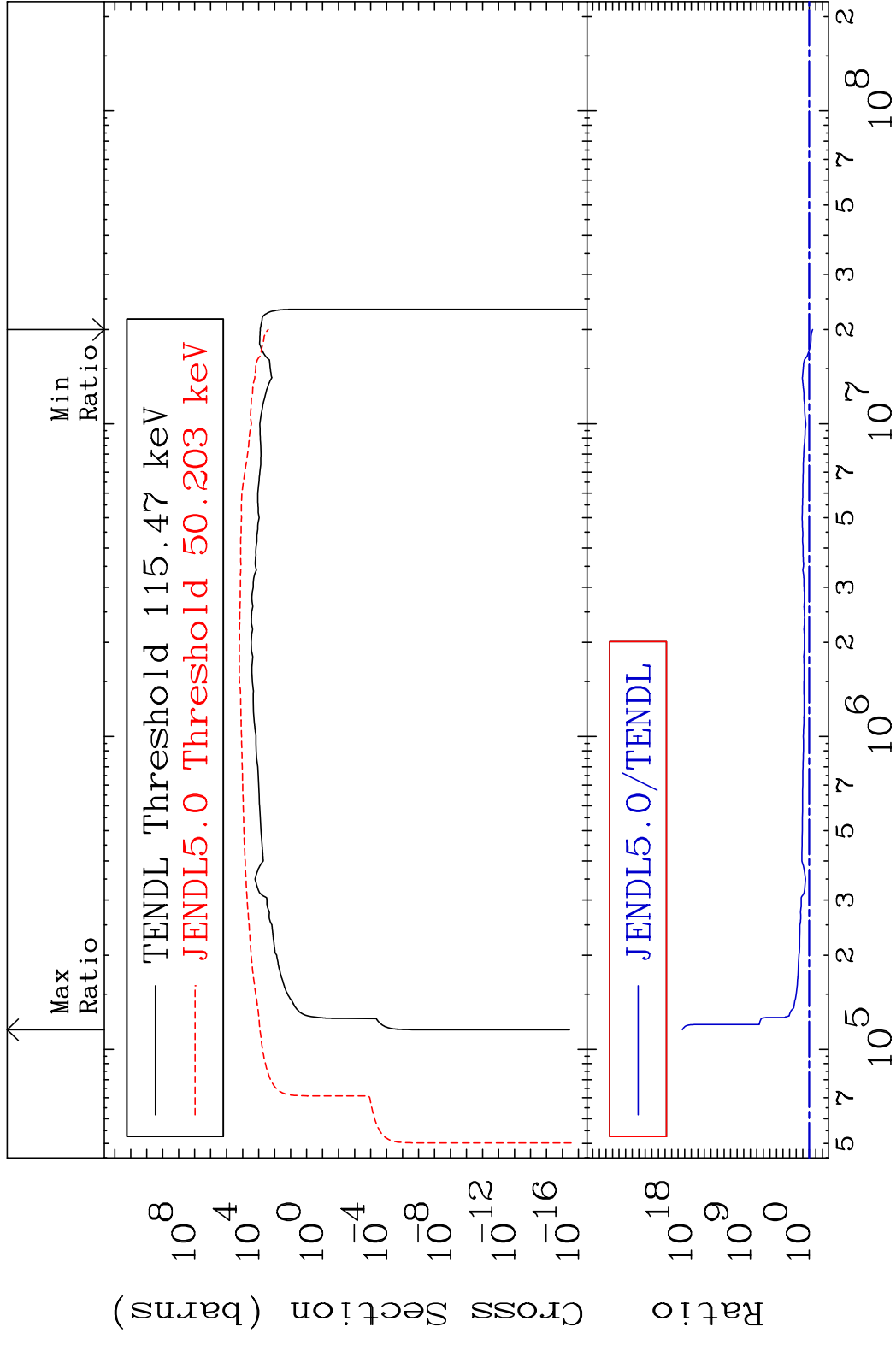
Incident Energy (eV)

97-Bk-248

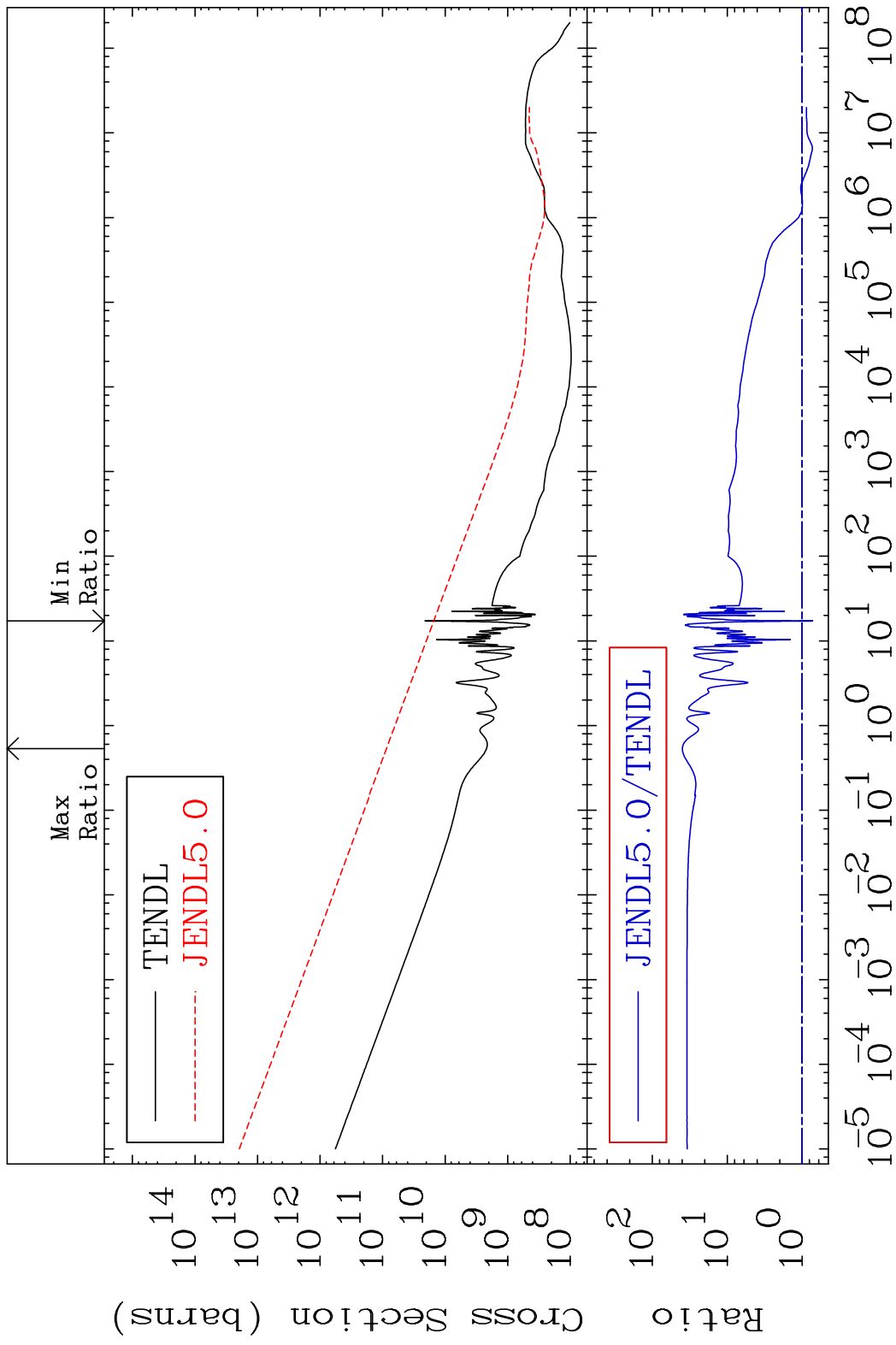
MAT 9749 Kerma non-elastic (all but mt2) 97-Bk-248
 Cross Section -27.22 To 3877. %



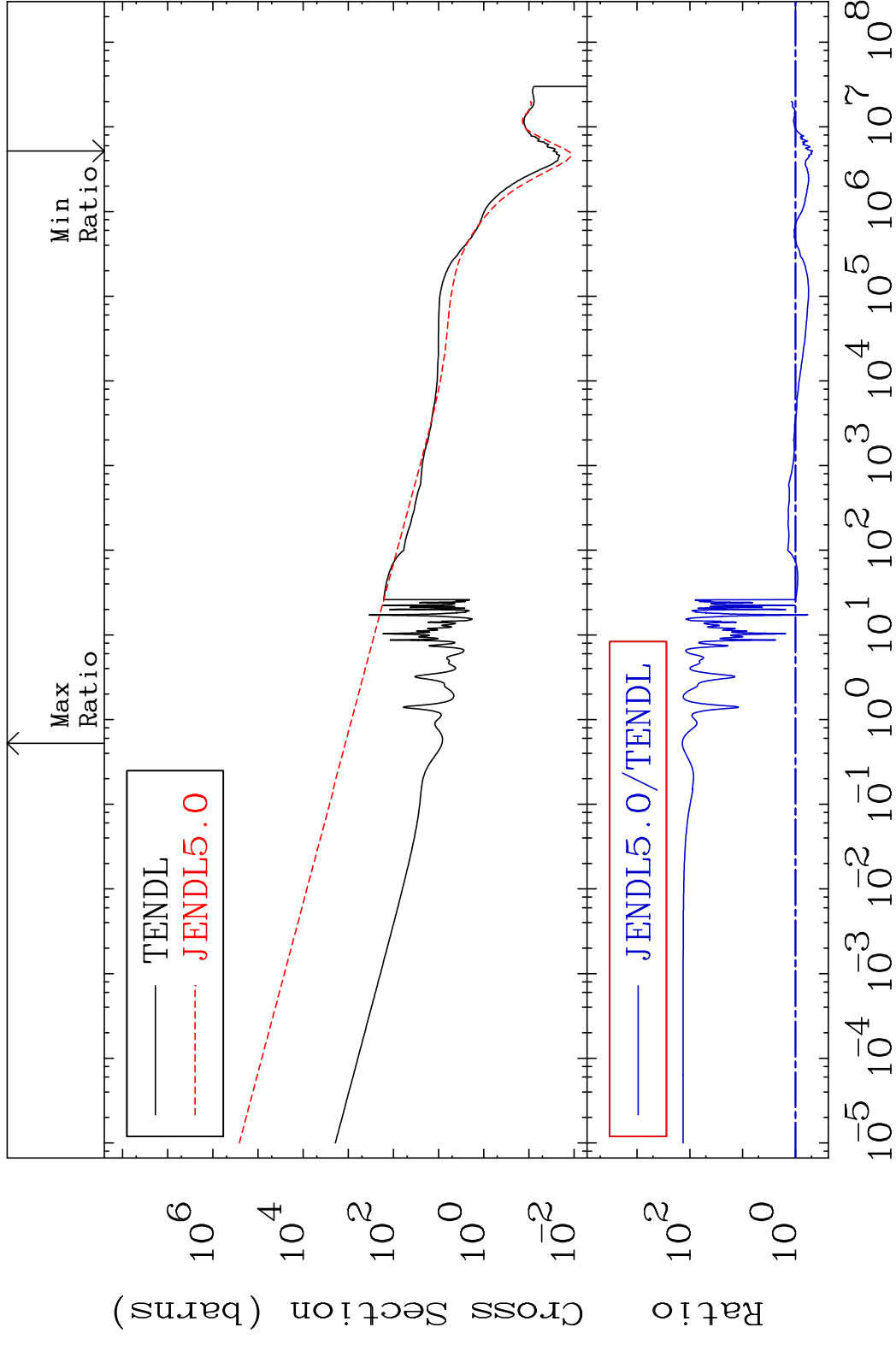
MAT 9749 Kerma inelastic (mt51-91) 97-Bk-248
 Cross Section -68.25 To 9999. %



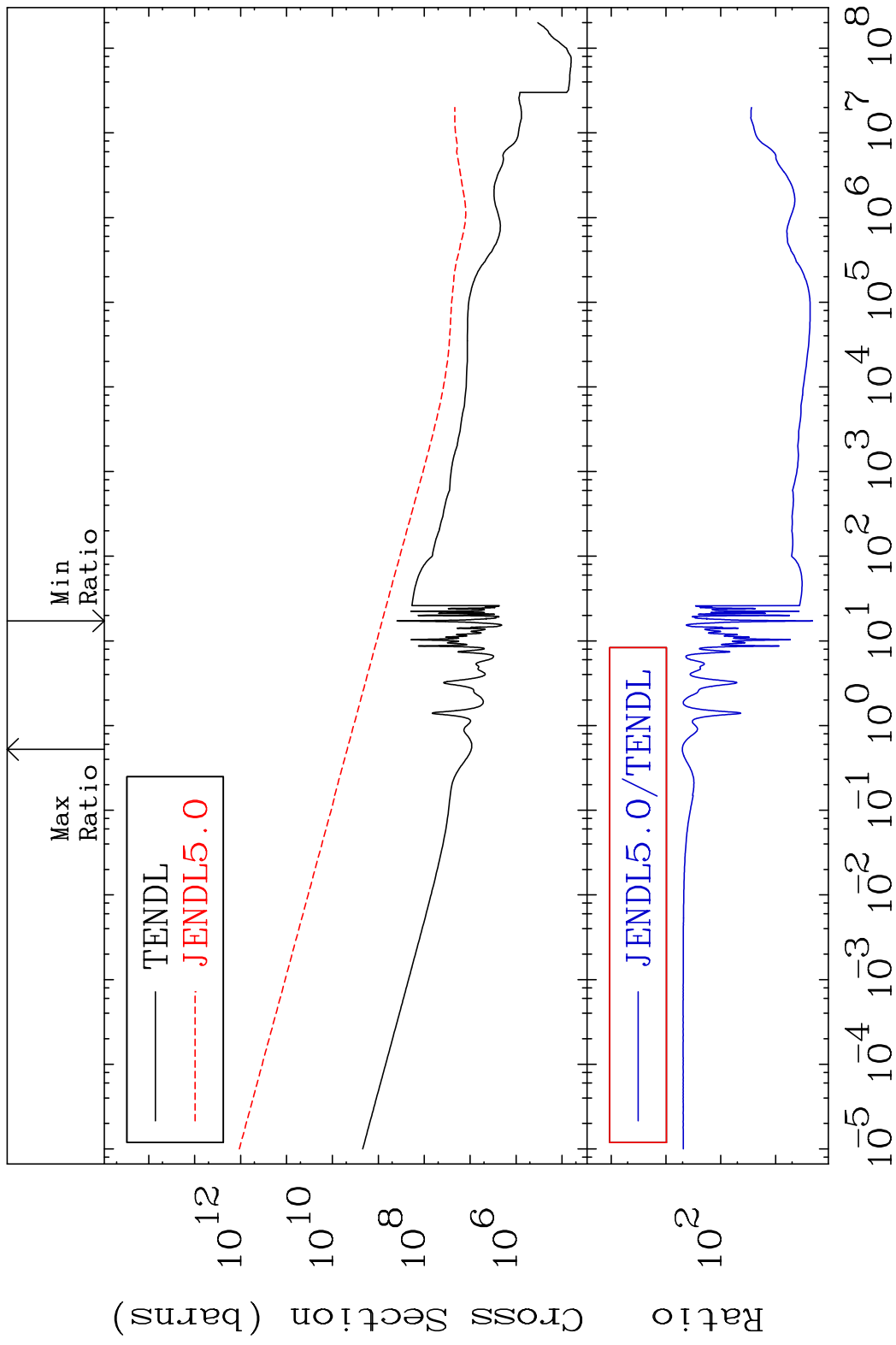
MAT 9749 Kerma fission (mt18 or mt19-20-21-38) 97-Bk-248
 Cross Section -27.22 To 3877. %



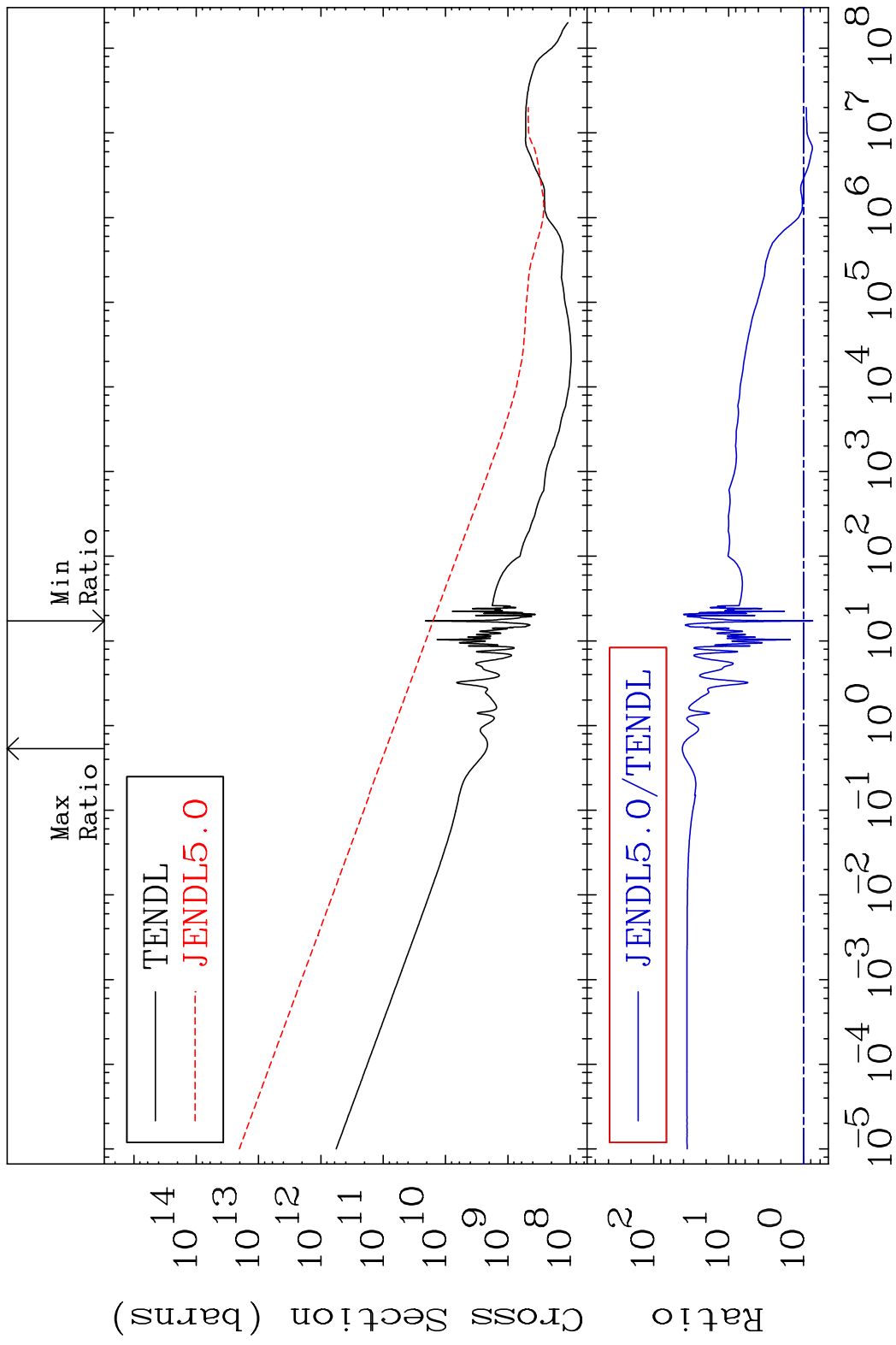
MAT 9749 Kerma capture (mt102) 97-Bk-248
 Cross Section -52.53 To 9999. %



MAT 9749 Total photon (eV-barns) 97-Bk-248
 Cross Section 111.2 To 9999. %



MAT 9749 Total kinematic kerma (high limit) 97-Bk-248
 Cross Section -24.25 To 4040. %

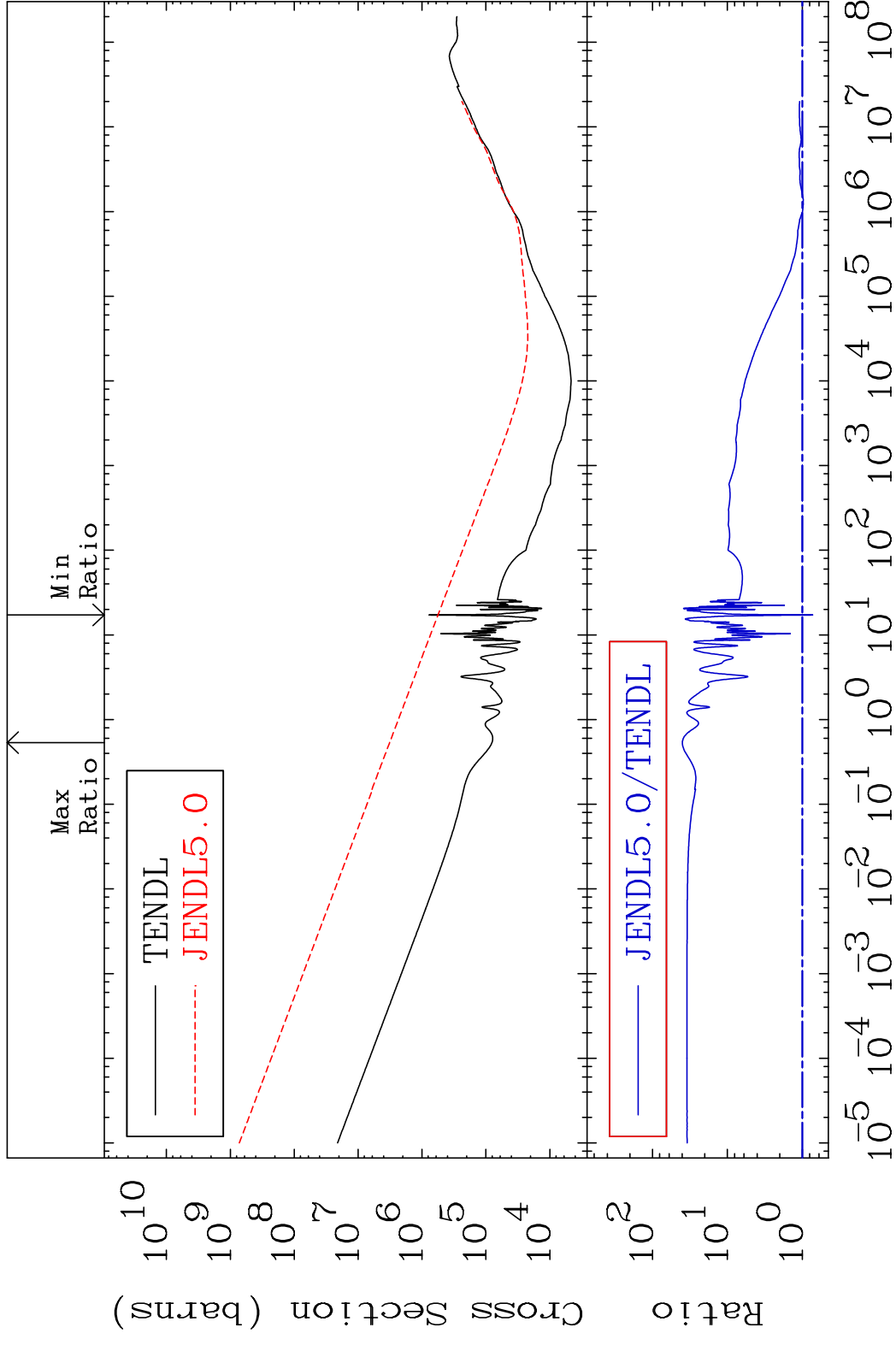


MAT 9749

Dpa total (eV-barns)

97-Bk-248

Cross Section -27.05 To 3887. %

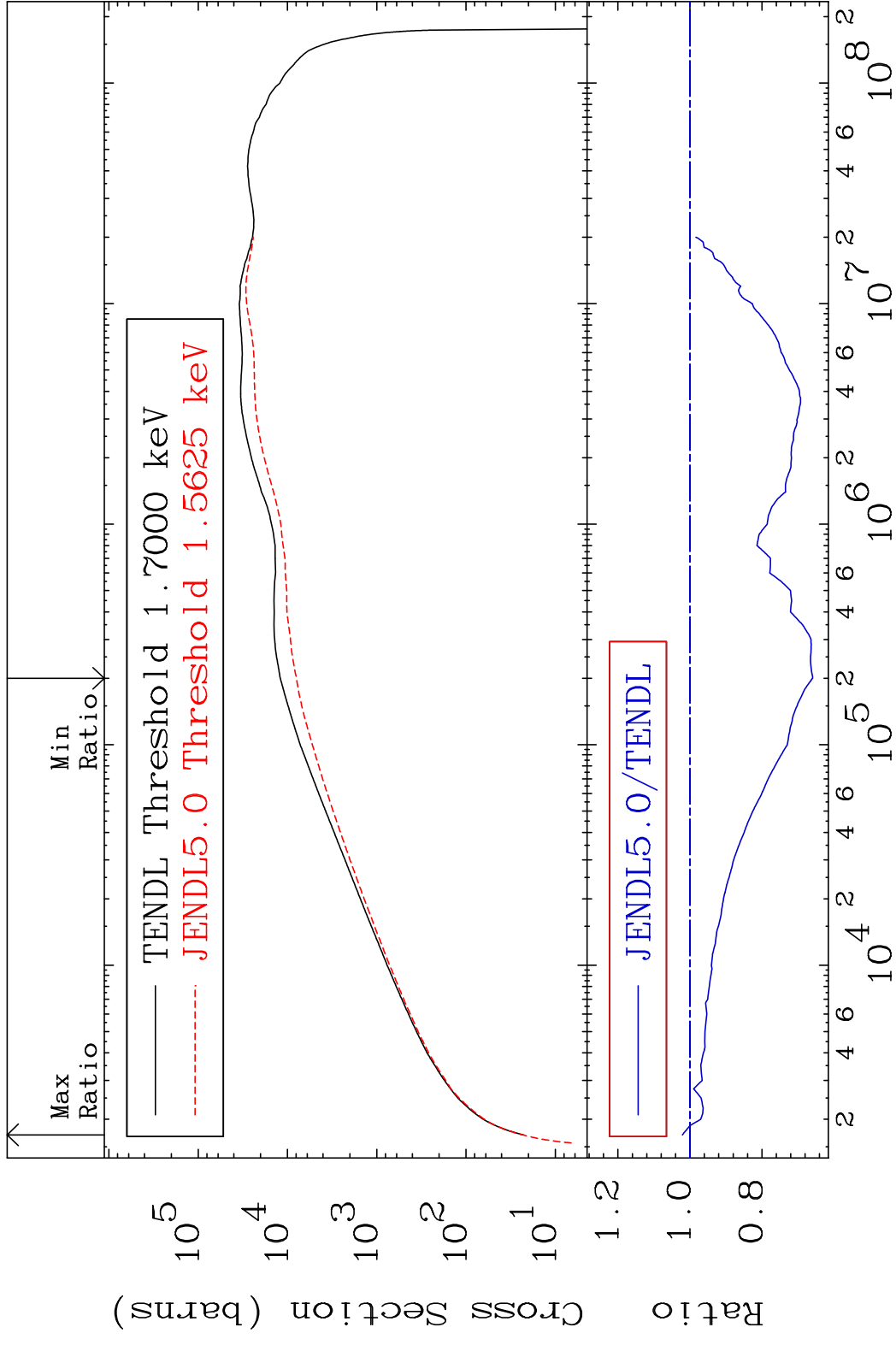


MAT 9749

Dpa elastic (mt2)

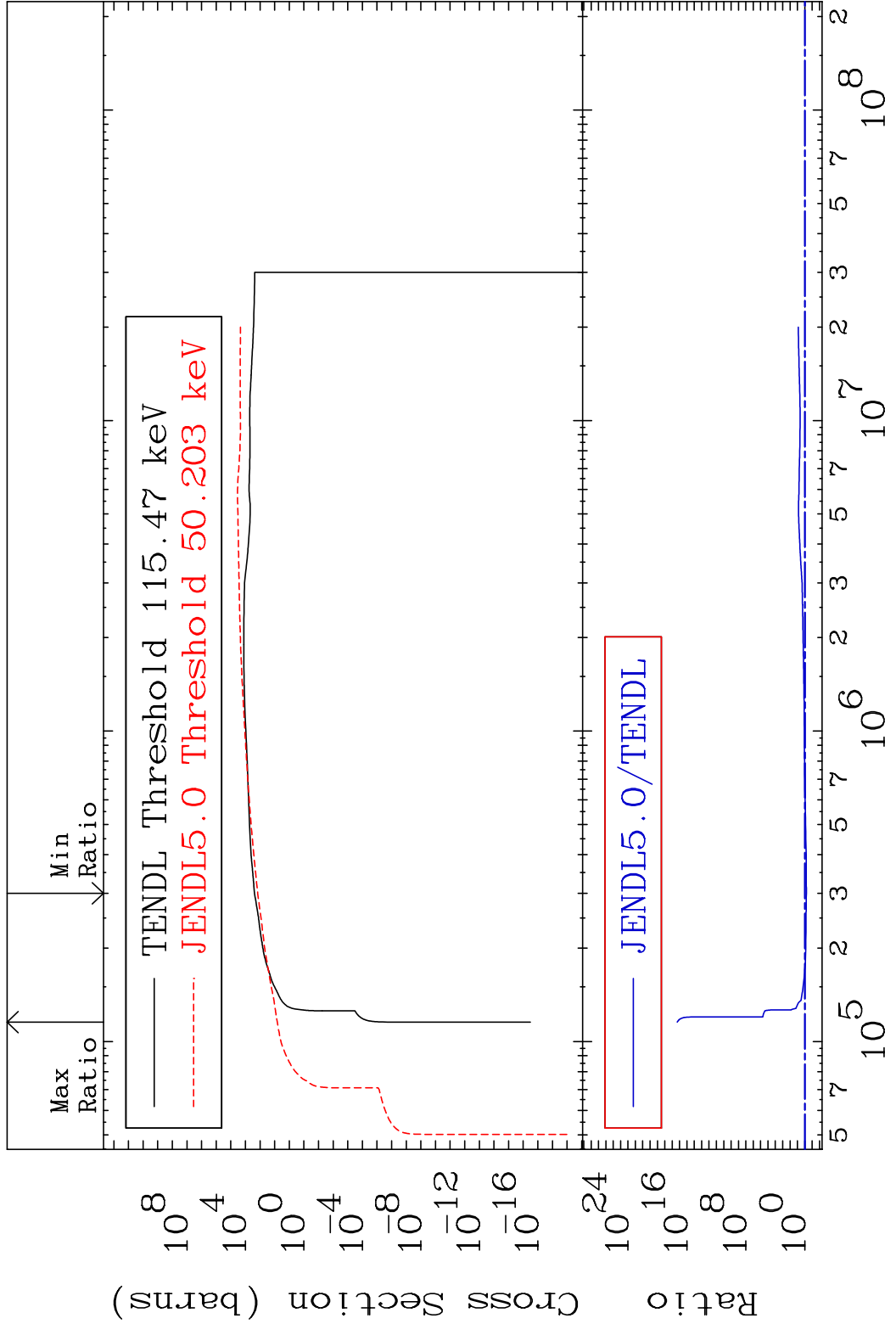
97-Bk-248

Cross Section -34.06 To 2.109 %

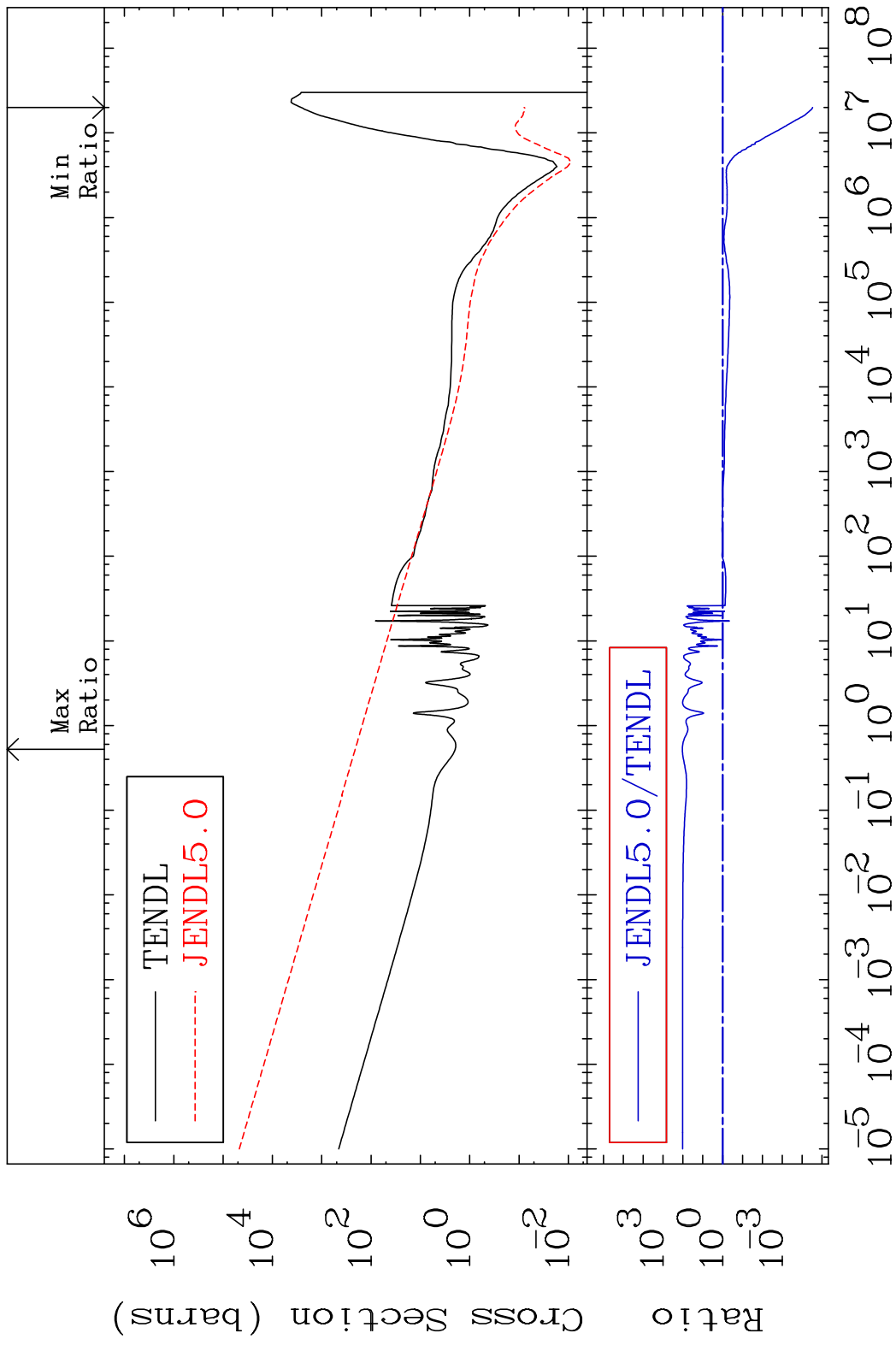


MAT 9749

Dpa inelastic (mt51-91) 97-Bk-248
Cross Section -39.32 To 9999. %



MAT 9749 Dpa disappearance (mt102 -120) 97-Bk-248
 Cross Section -100.0 To 9999. %

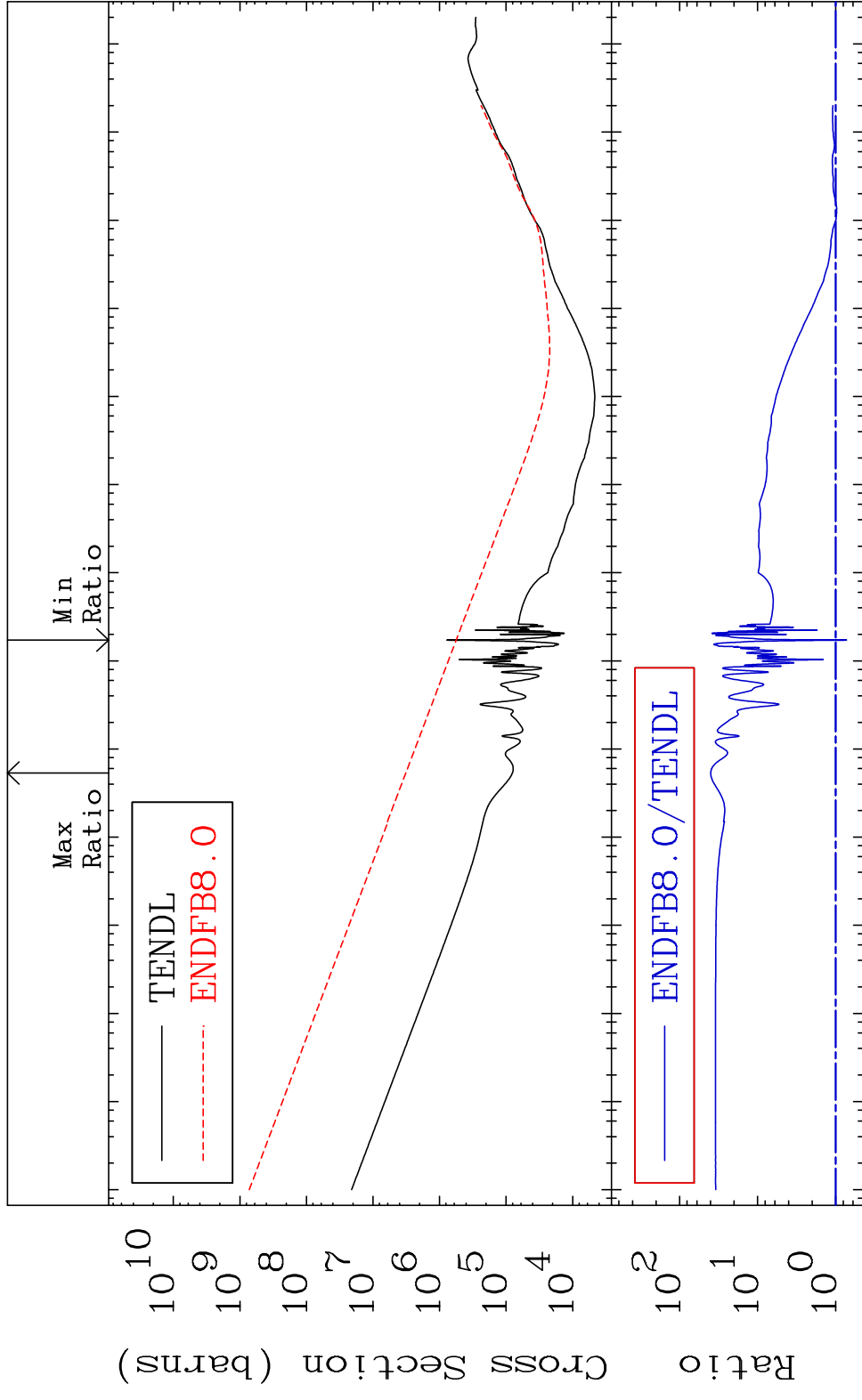


MAT 9749

Dpa total (eV-barns)

97-Bk-248

Cross Section -27.05 To 3887. %

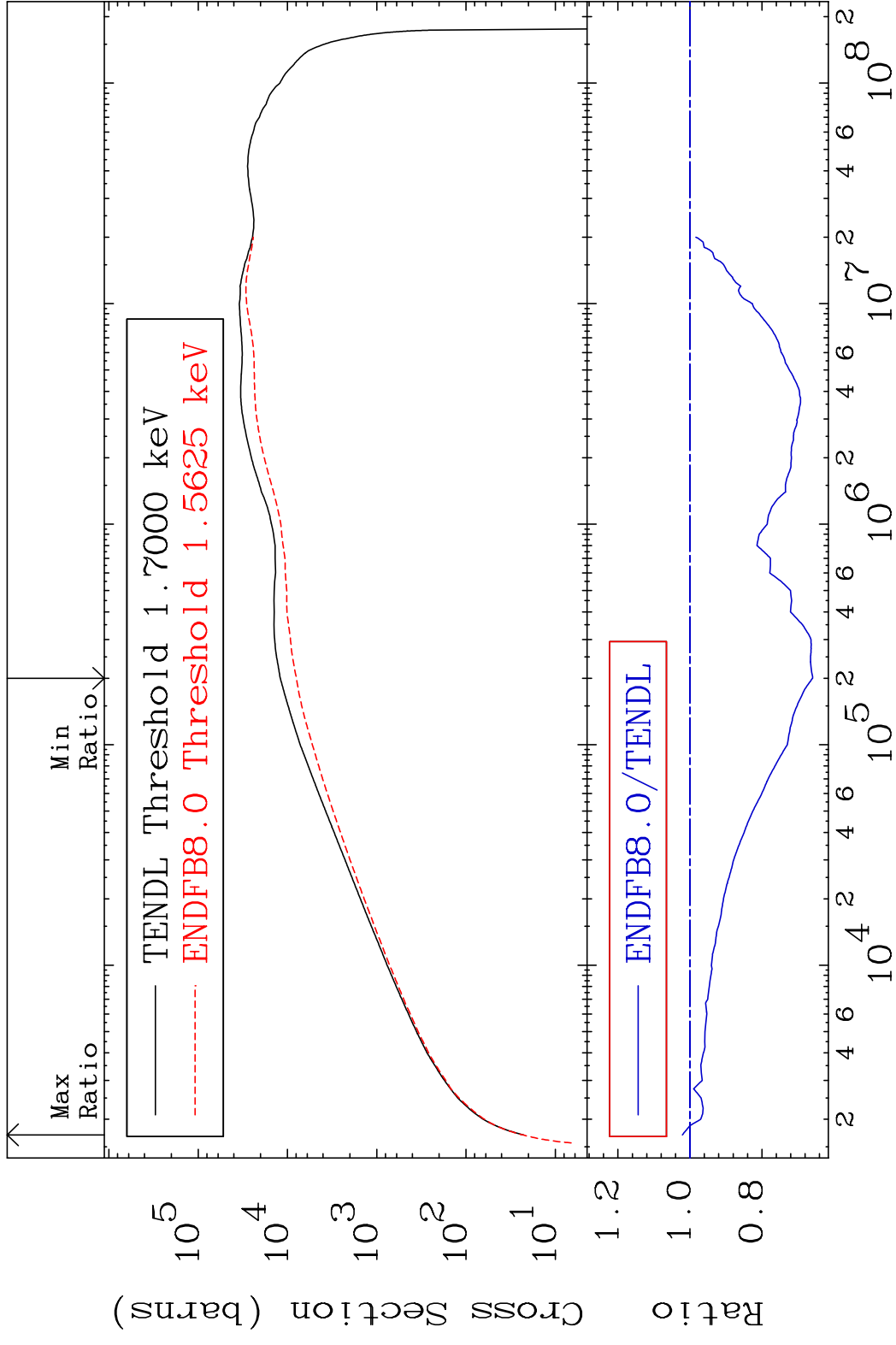


MAT 9749

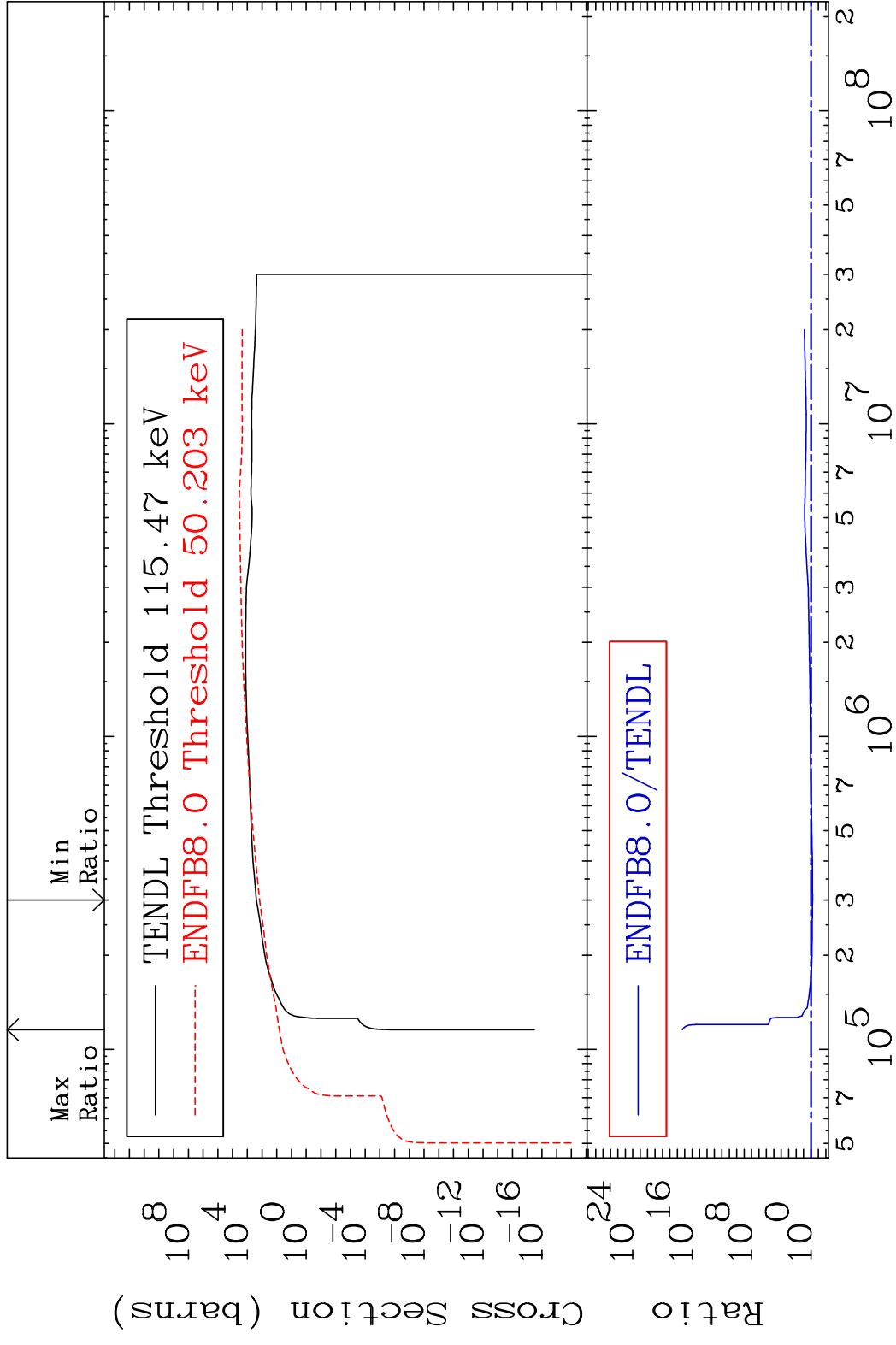
Dpa elastic (mt2)

97-Bk-248

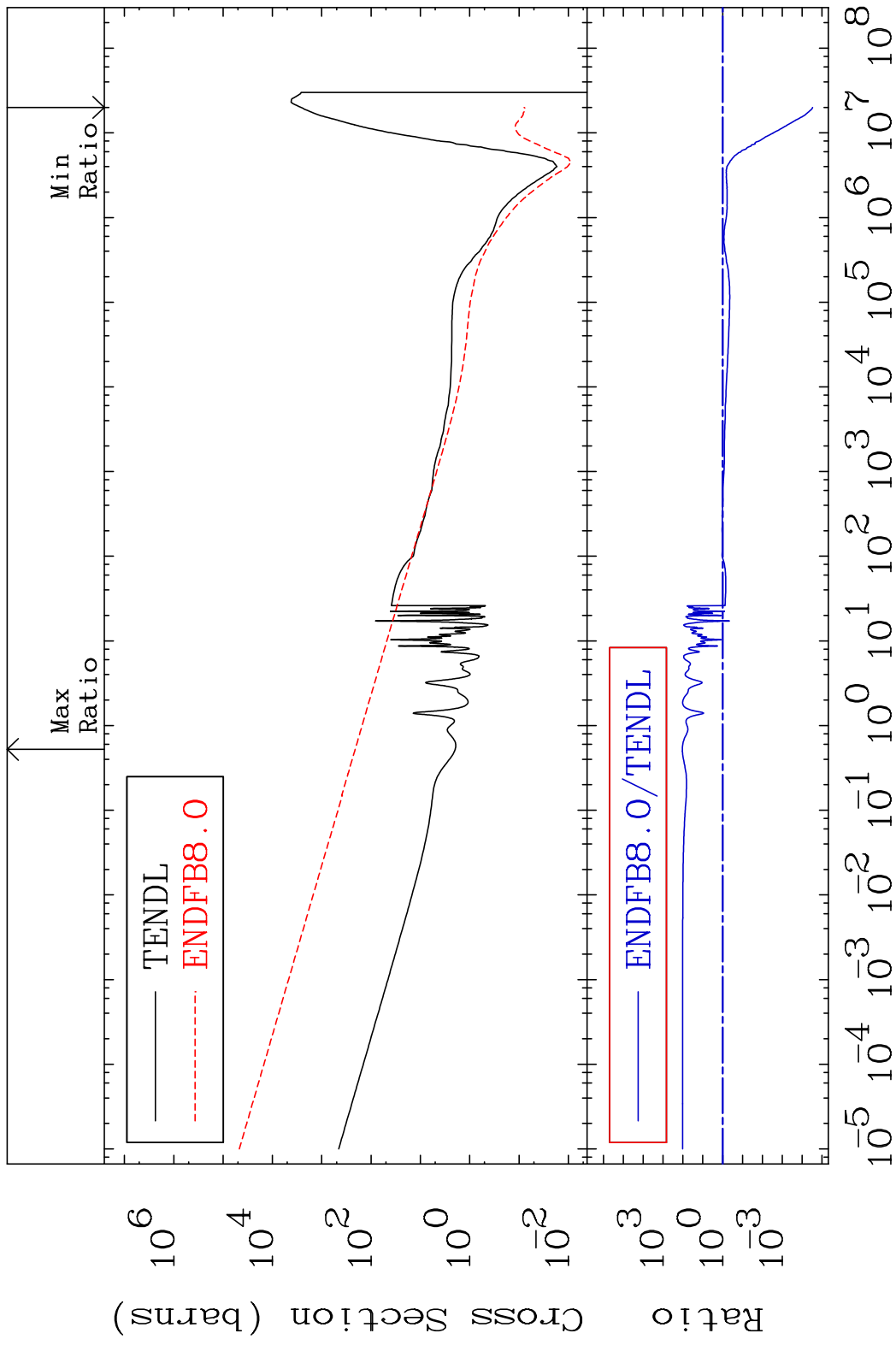
Cross Section -34.06 To 2.109 %



MAT 9749 Dpa inelastic (mt51-91) 97-Bk-248
 Cross Section -39.32 To 9999. %



MAT 9749 Dpa disappearance (mt102 -120) 97-Bk-248
 Cross Section -100.0 To 9999. %



32 Incident Energy (eV) 97-Bk-248