

Program Complot
(Version 2021-1)

by

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U.S.A.

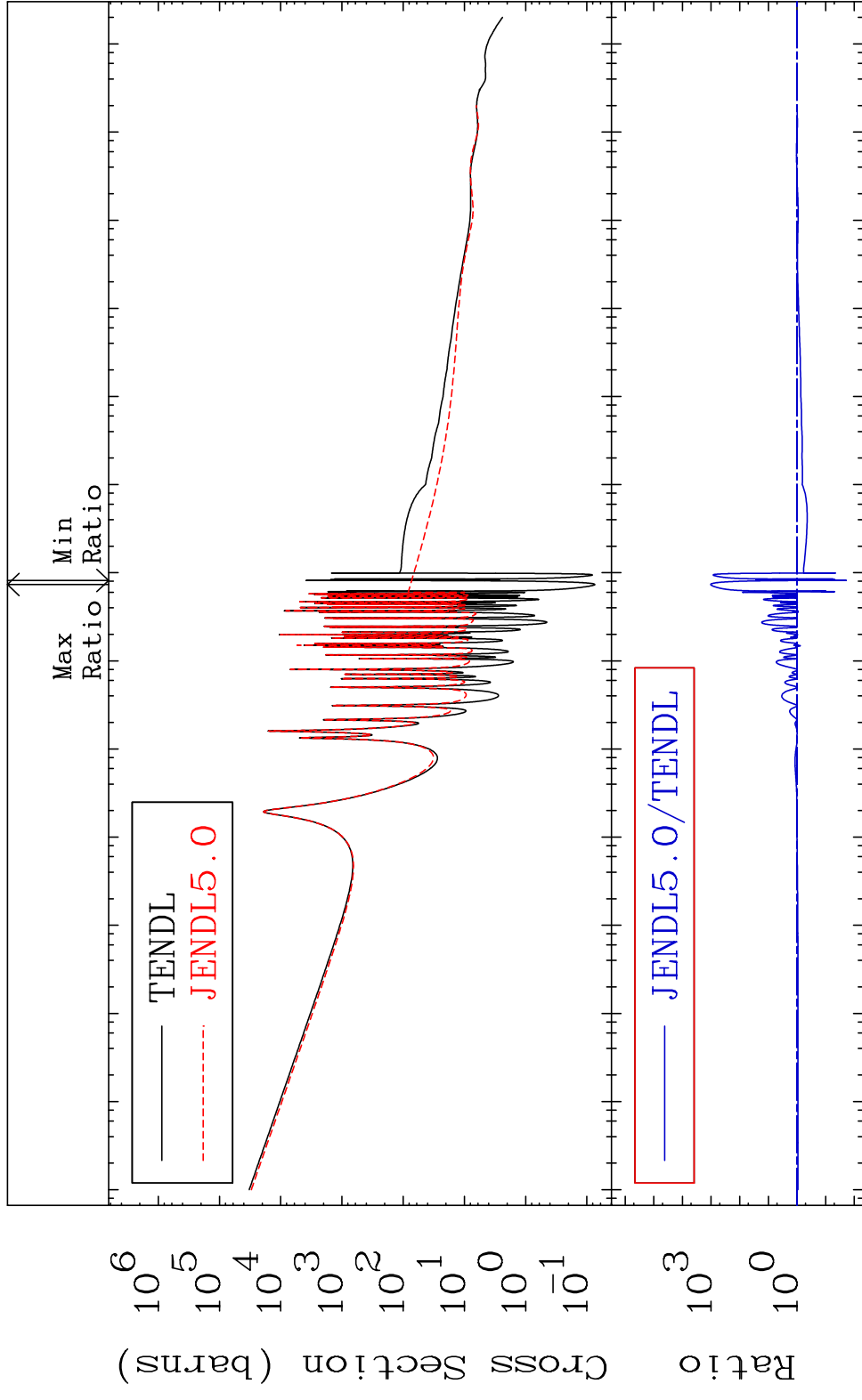
Tele: 925-443-1911

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. %



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

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

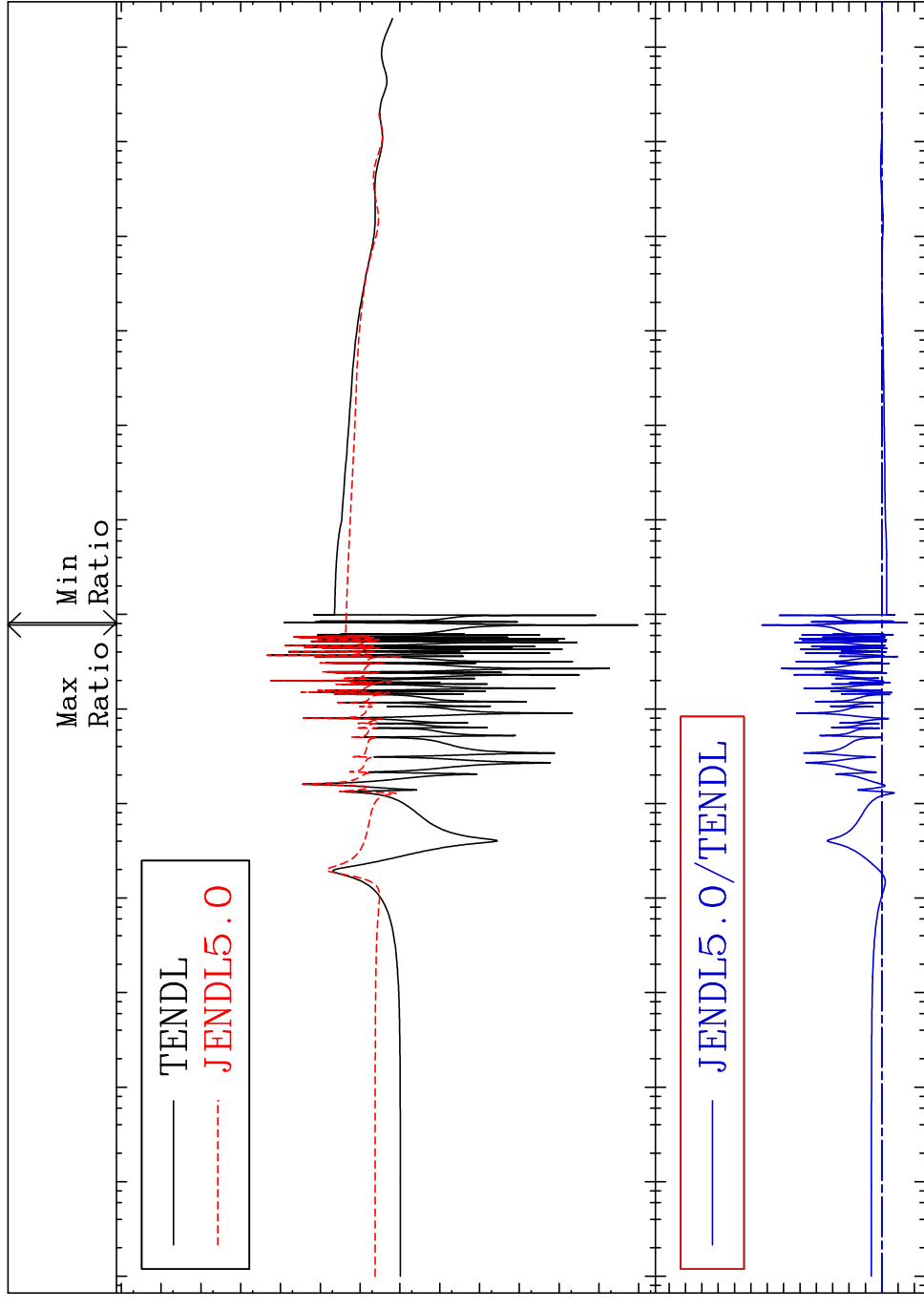
1 Incident Energy (eV) 97-Bk-249

MAT 9752

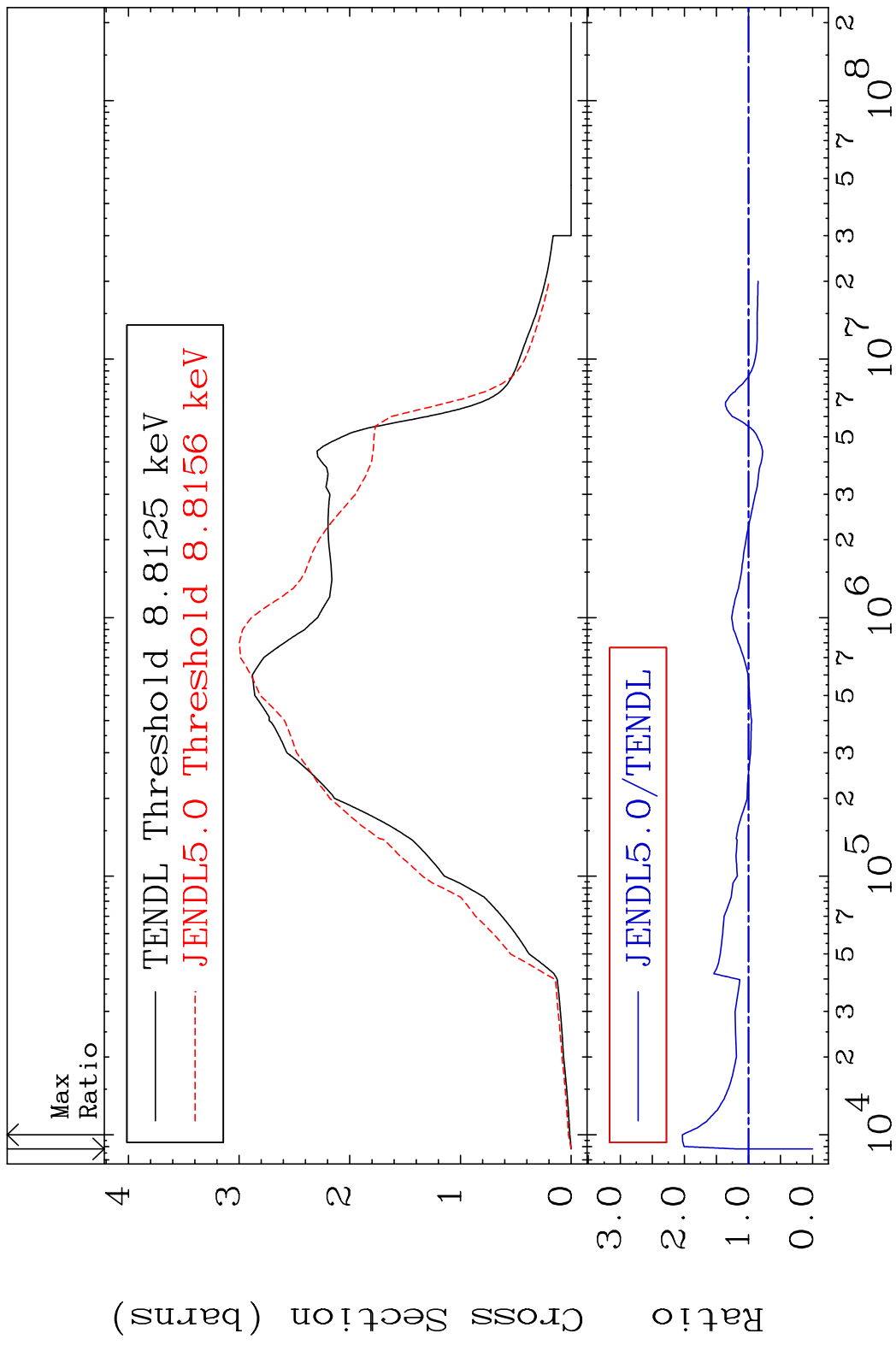
97-Bk-249

Elastic

Cross Section -97.22 To 9999. %



MAT 9752 Inelastic 97-Bk-249
Cross Section -100.0 To 103.1 %



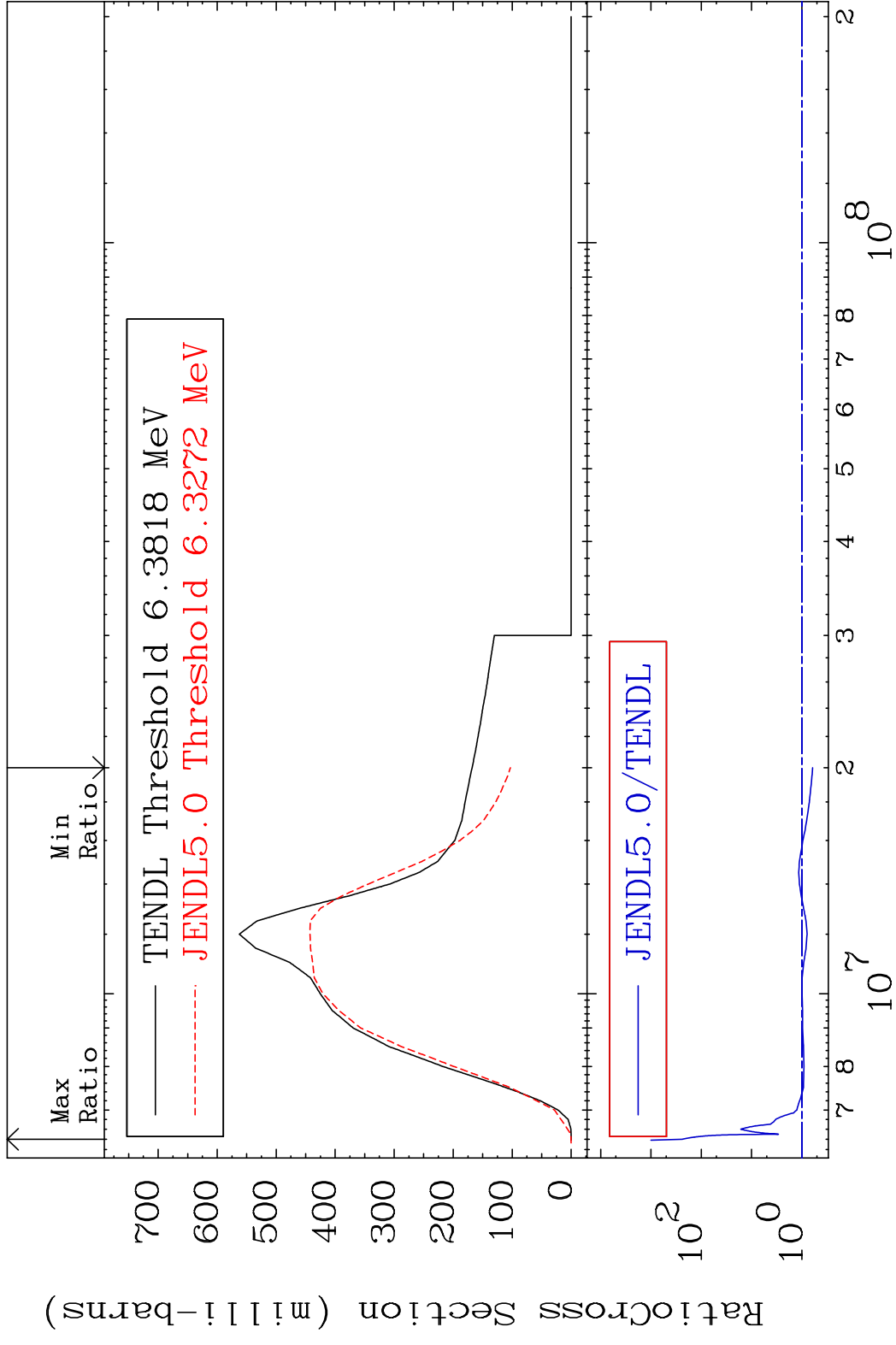
3 Incident Energy (eV) 97-Bk-249

MAT 9752

(n,2n)

97-Bk-249

Cross Section -38.62 To 9999. %



4

Incident Energy (eV)

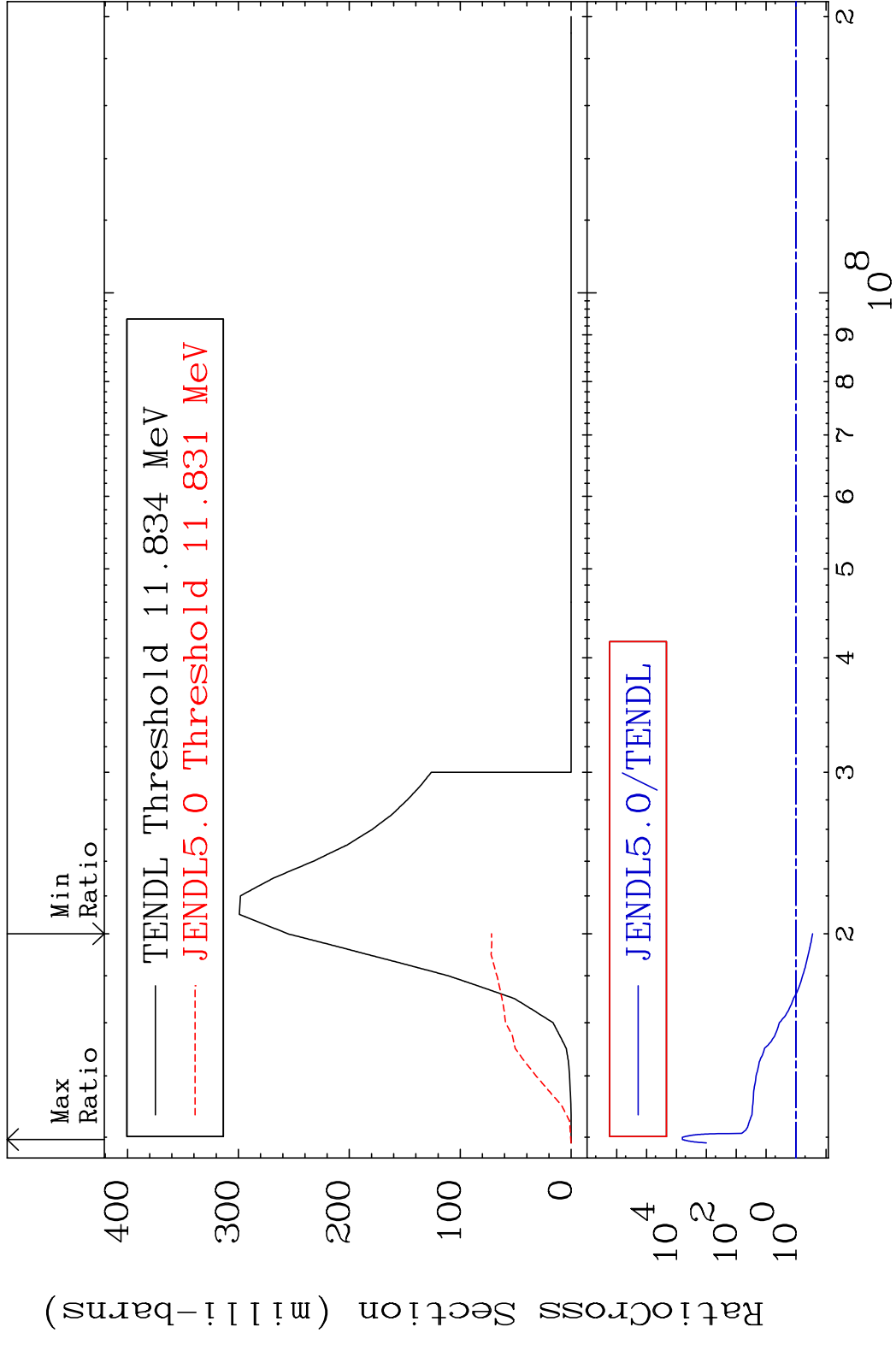
97-Bk-249

MAT 9752

(n,3n)

97-Bk-249

Cross Section -71.90 To 9999. %

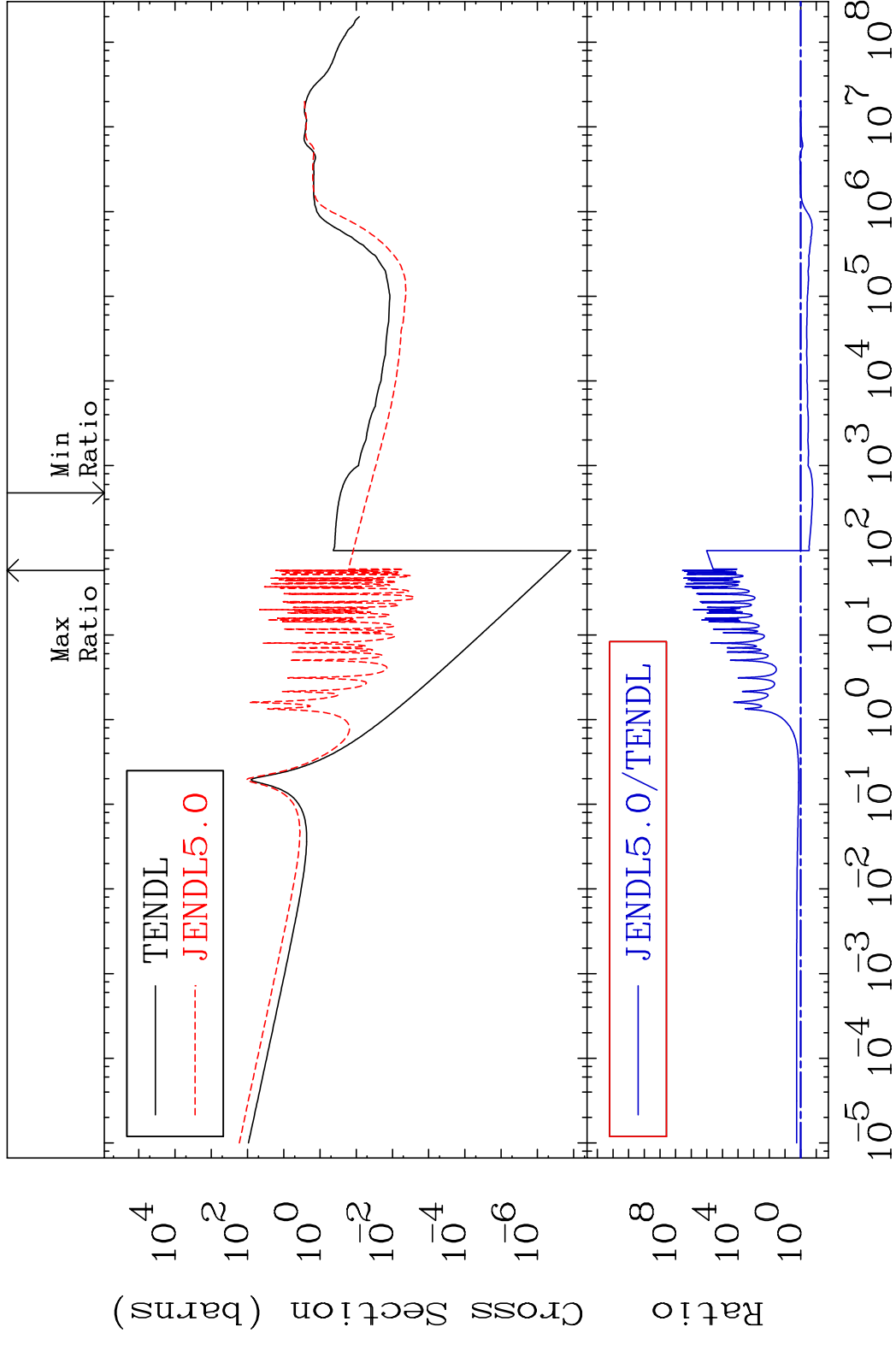


MAT 9752

97-Bk-249

Fission

Cross Section -82.73 To 9999. %

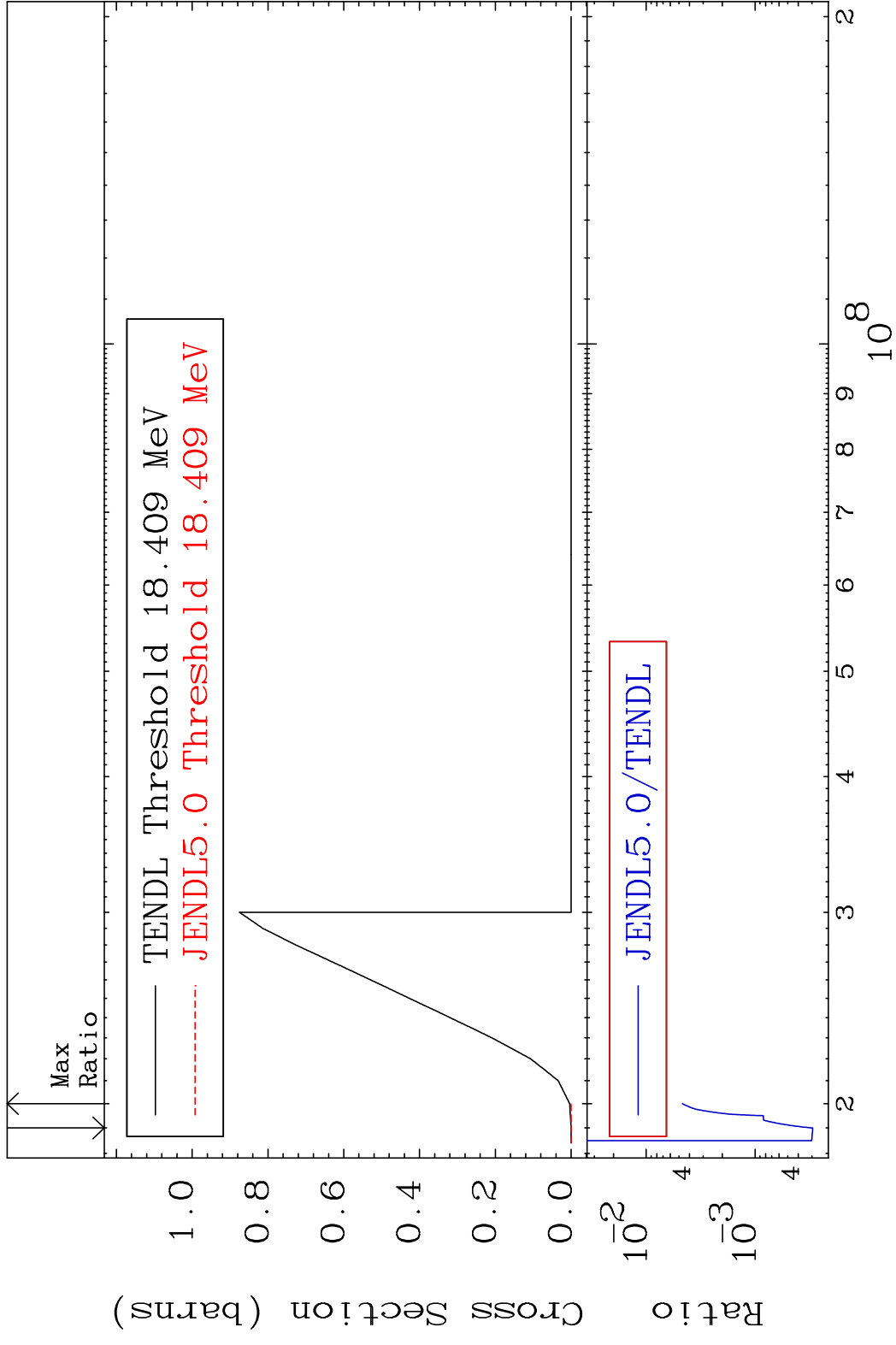


MAT 9752

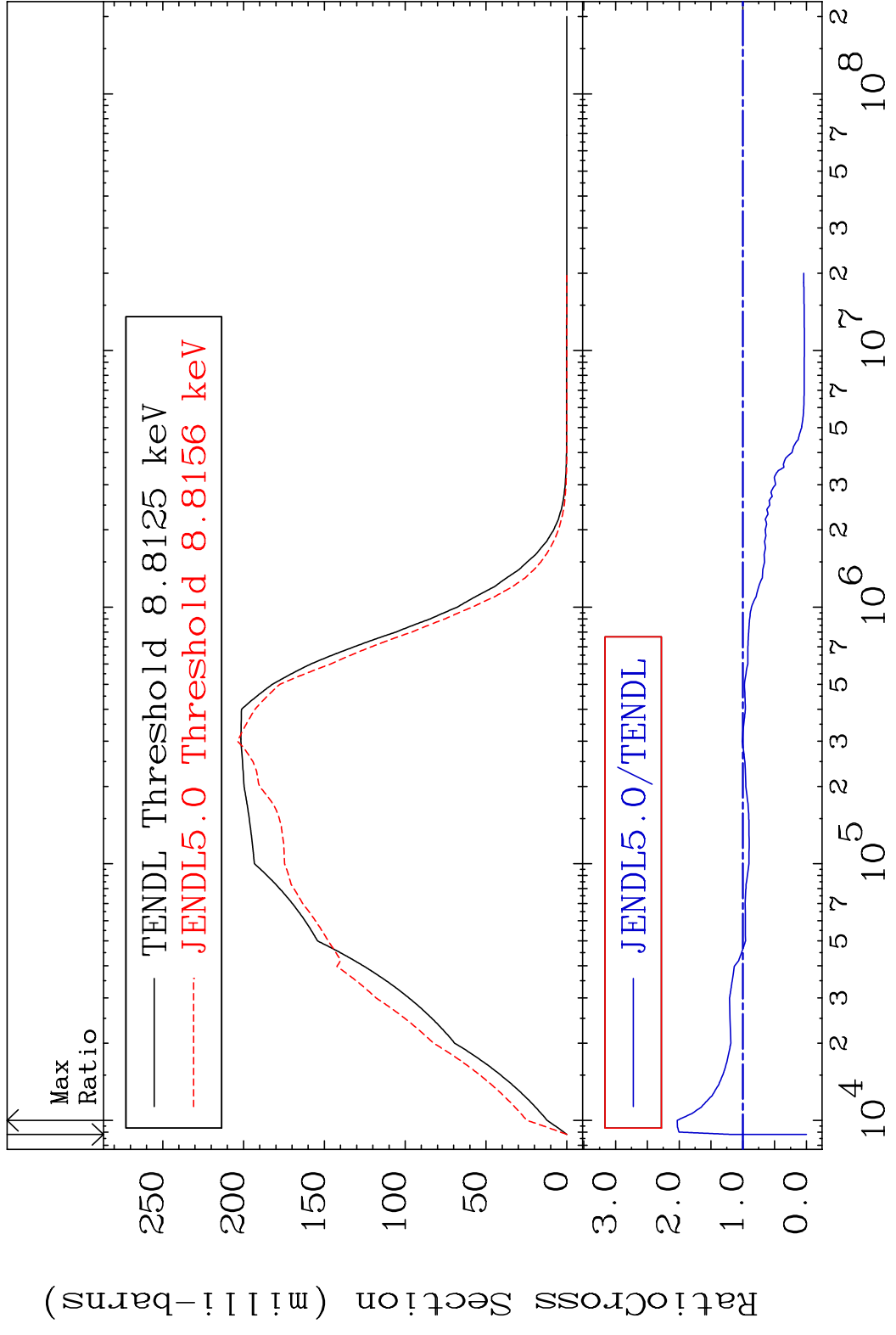
(n, 4n)

97-Bk-249

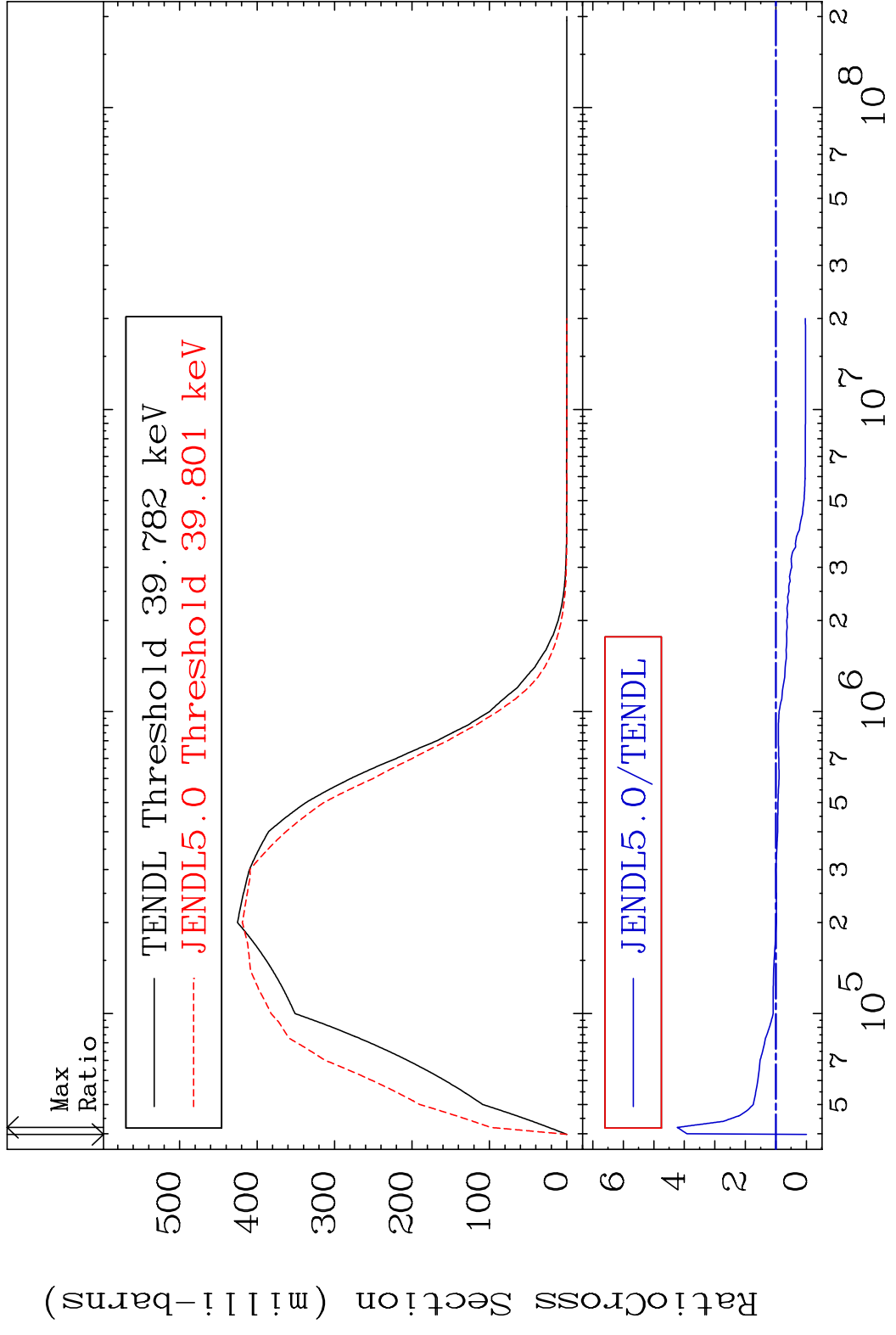
Cross Section -99.97 To -99.53%



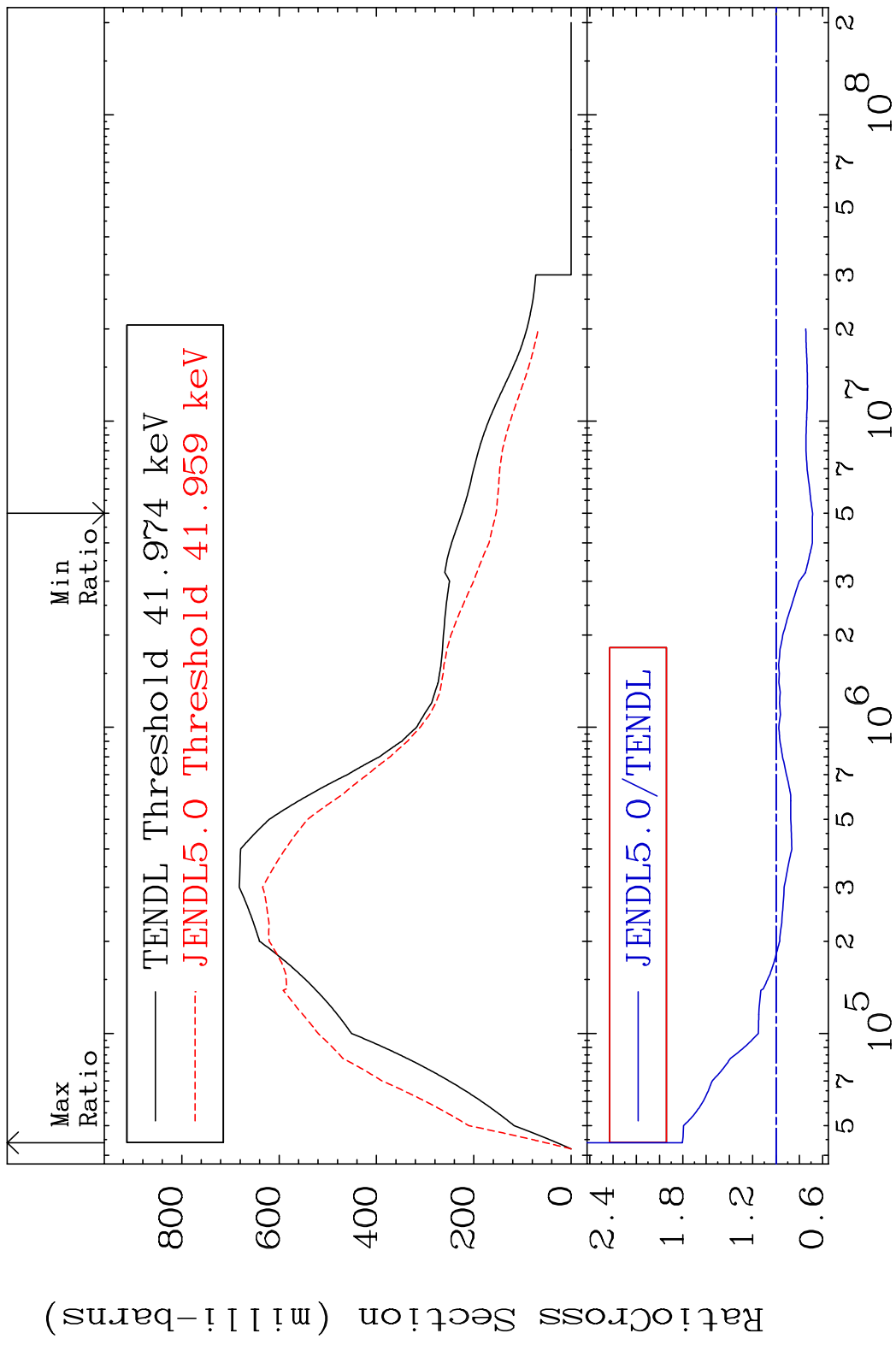
MAT 9752 MT= 51 (n, n') Level 97-Bk-249
 Cross Section -100.0 To 103.1 %



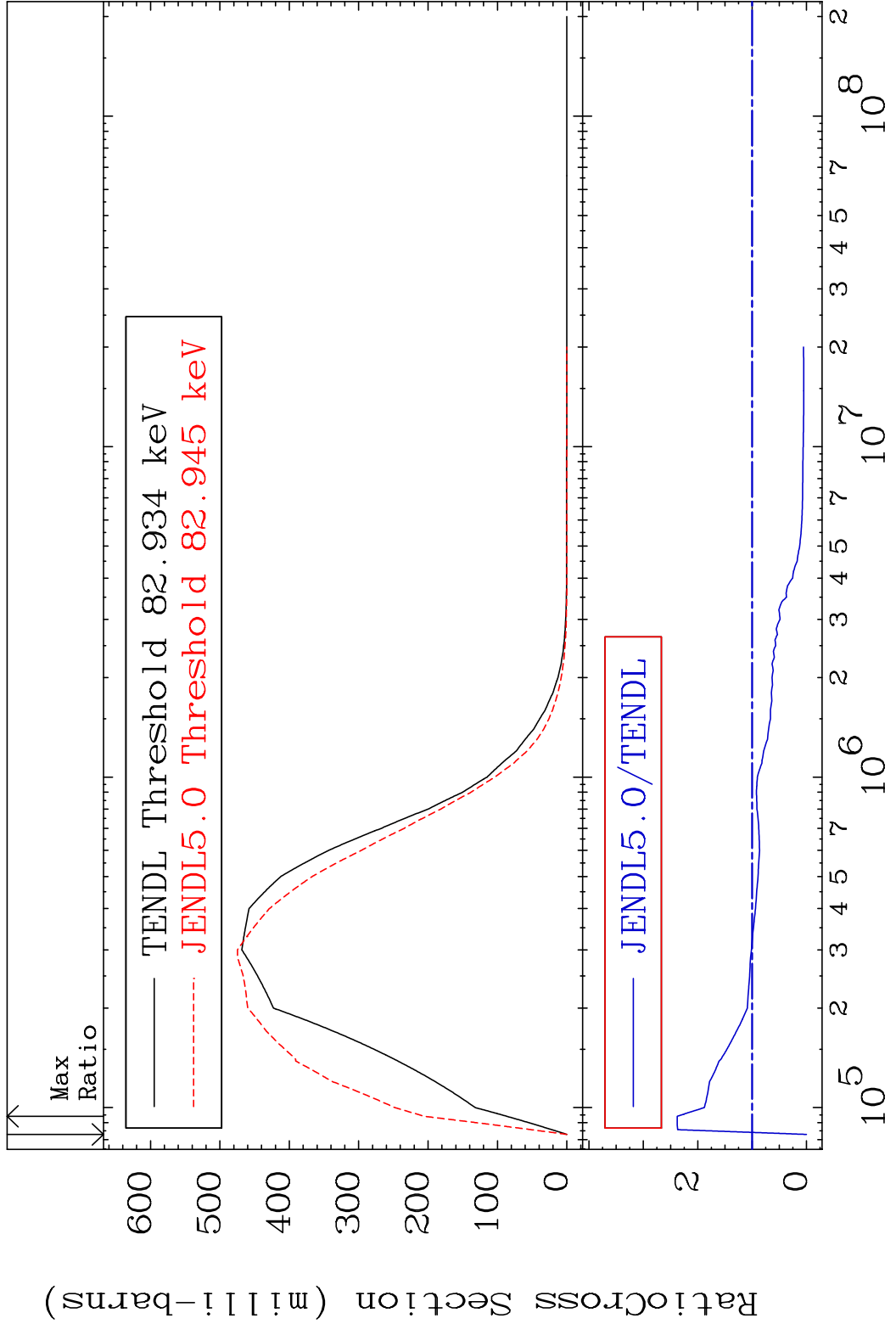
MAT 9752 MT= 52 (n,n') Level 97-Bk-249
 Cross Section -100.0 To 323.4 %



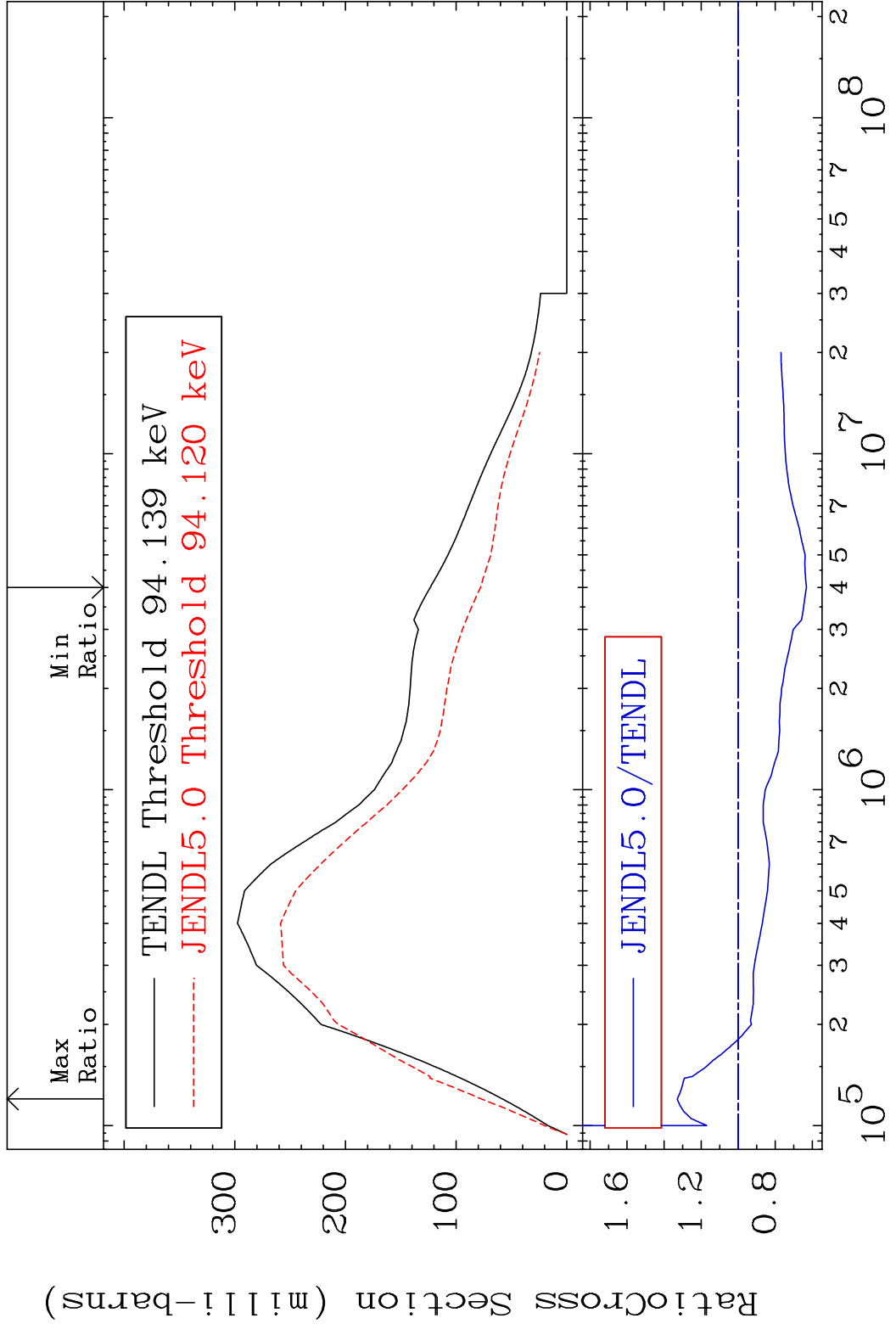
MAT 9752 MT= 53 (n, n') Level 97-Bk-249
 Cross Section -31.38 To 80.43 %



MAT 9752 MT= 54 (n, n') Level 97-Bk-249
 Cross Section -100.0 To 137.8 %

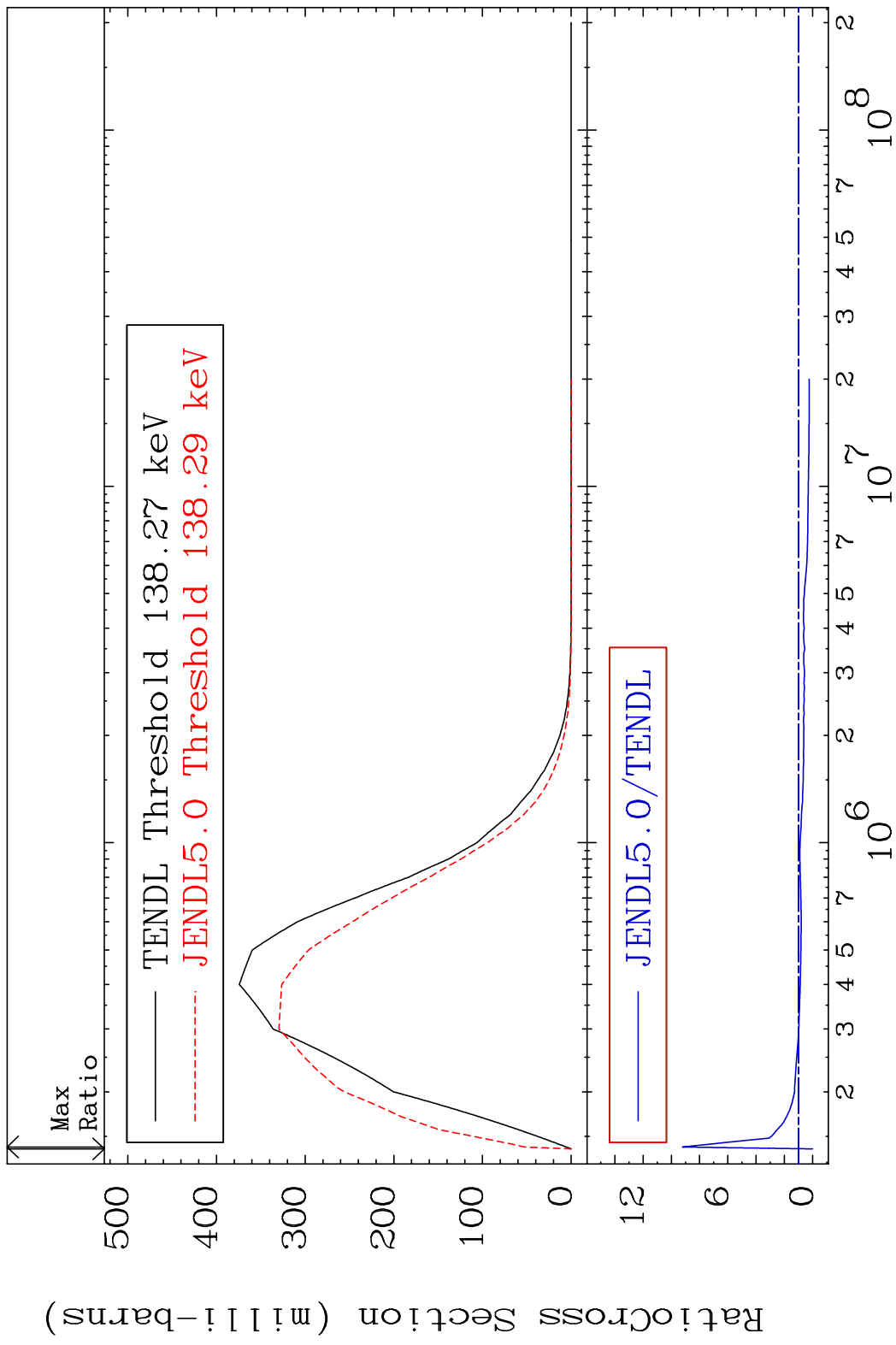


MAT 9752 MT= 55 (n, n') Level 97-Bk-249
 Cross Section -36.82 To 32.94 %

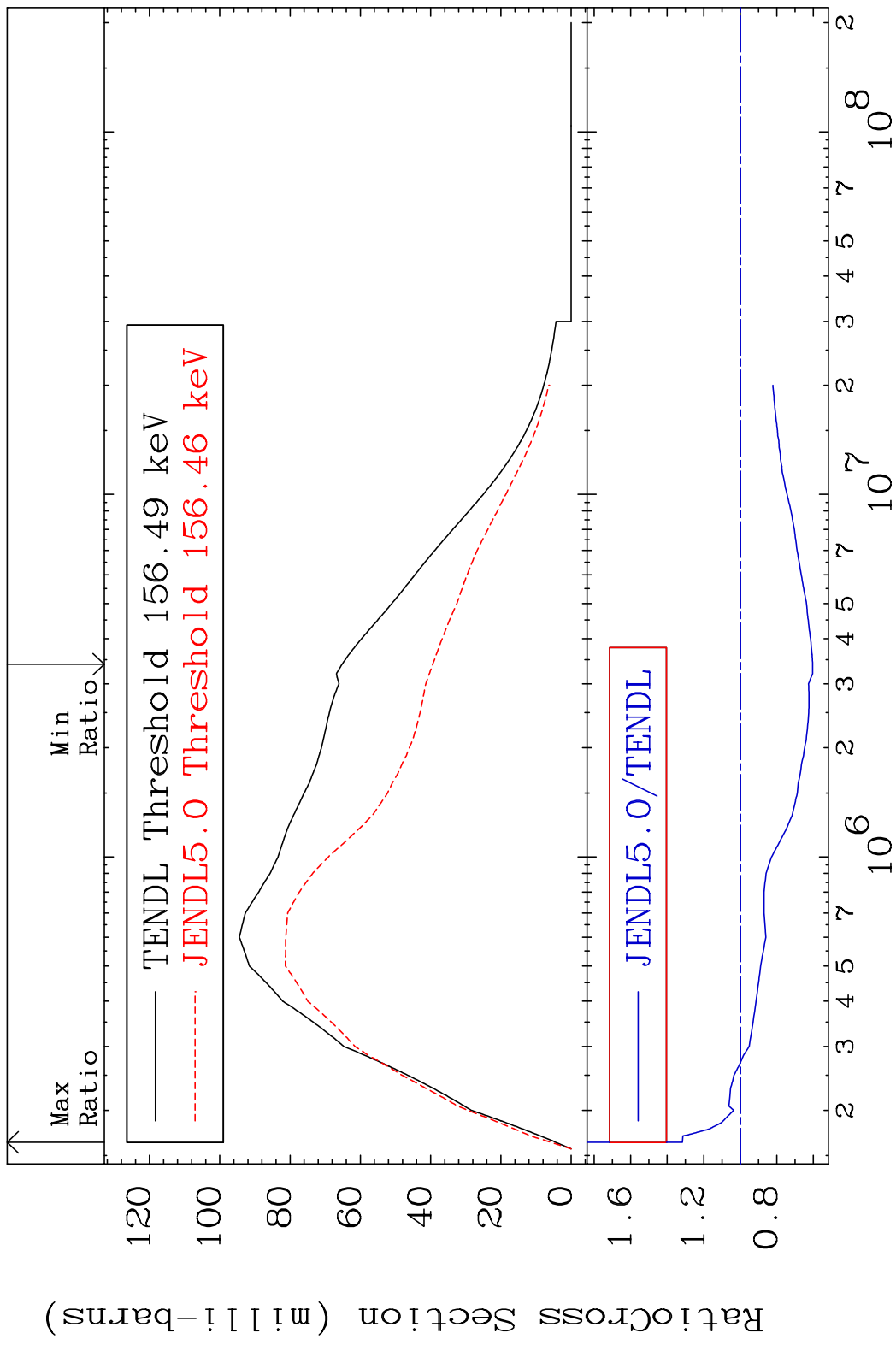


12 97-Bk-249

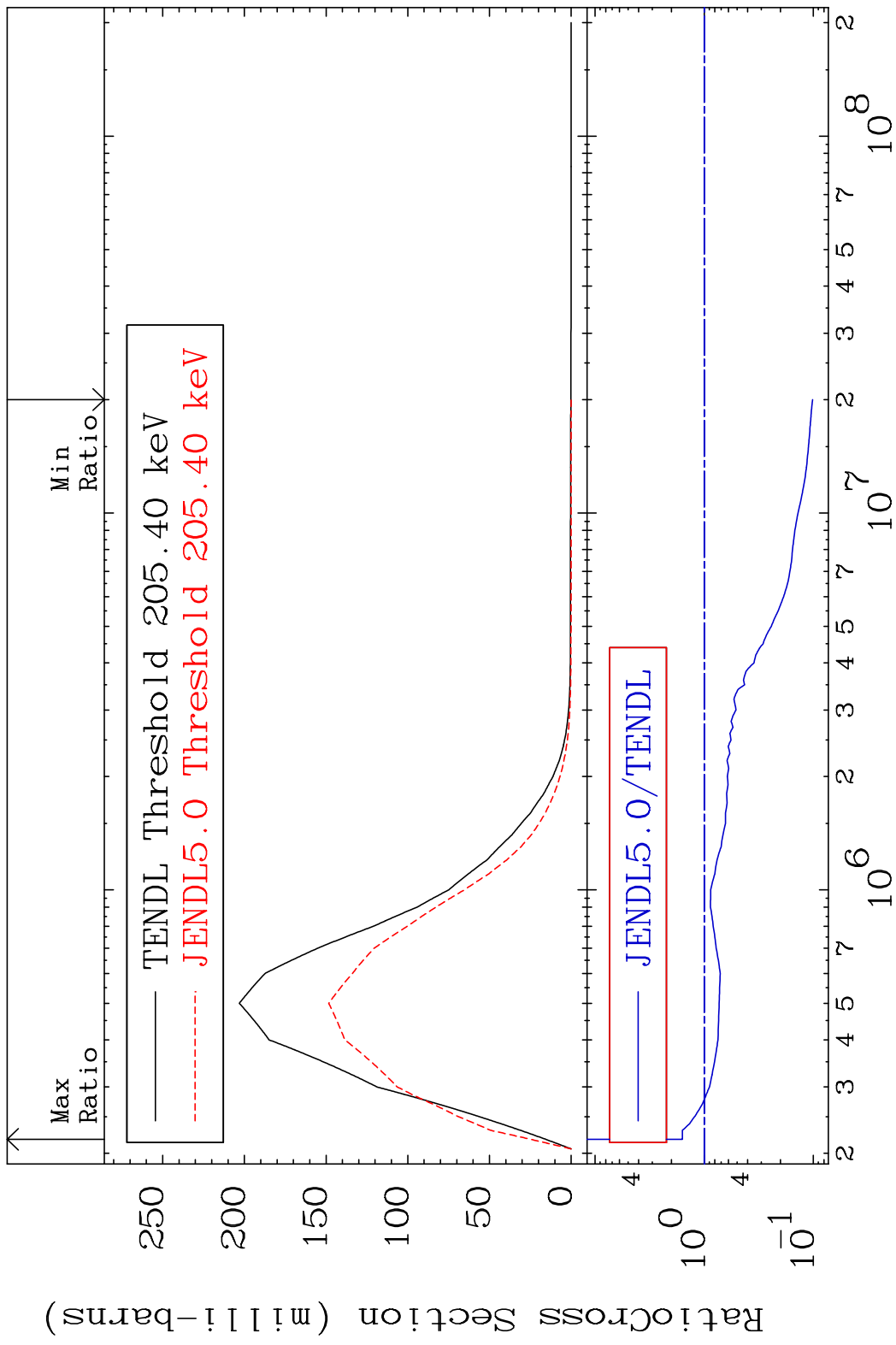
MAT 9752 MT= 56 (n, n') Level 97-Bk-249
 Cross Section -100.0 To 822.2 %



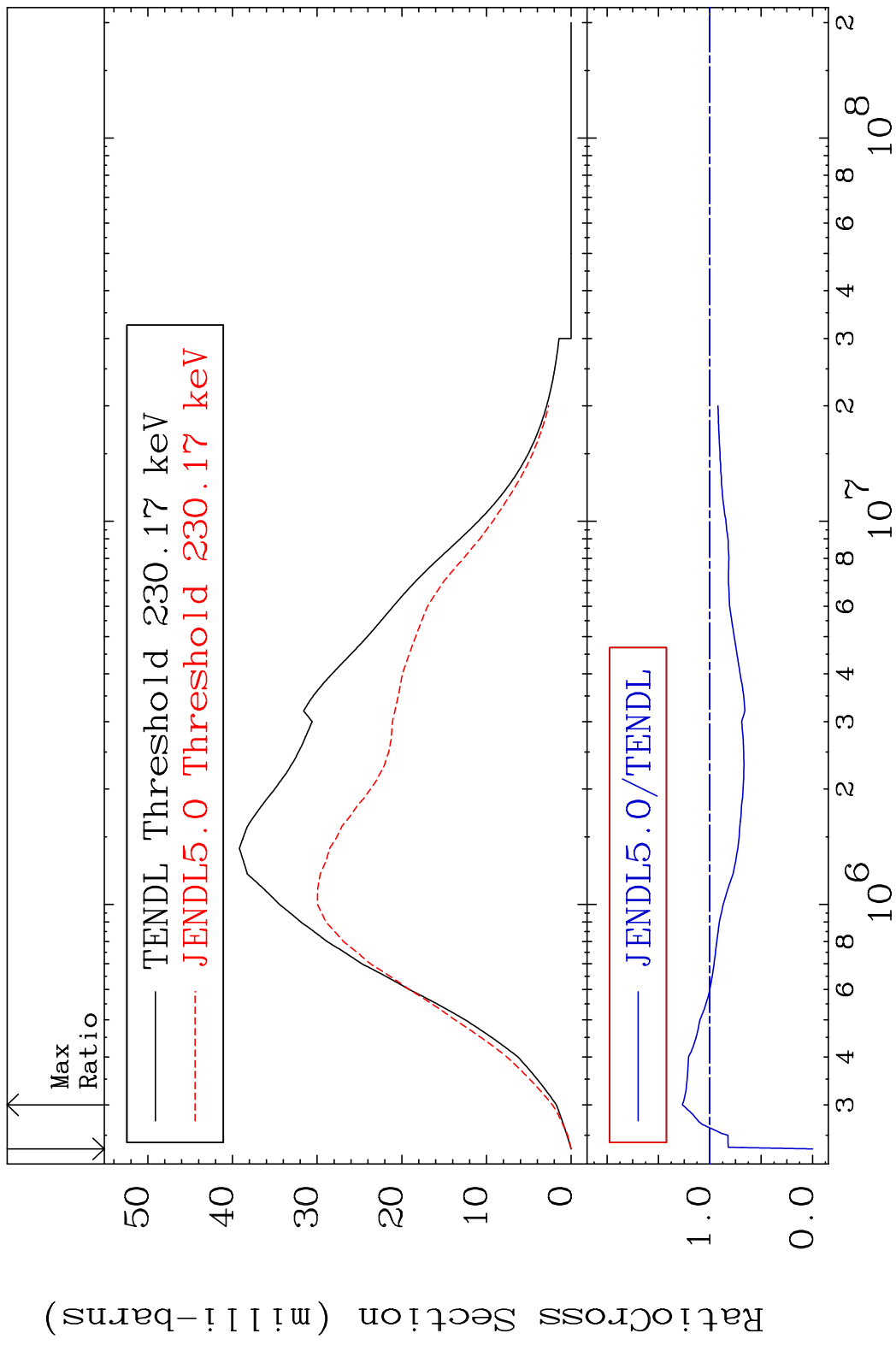
MAT 9752 MT= 57 (n, n') Level 97-Bk-249
 Cross Section -39.59 To 31.70 %



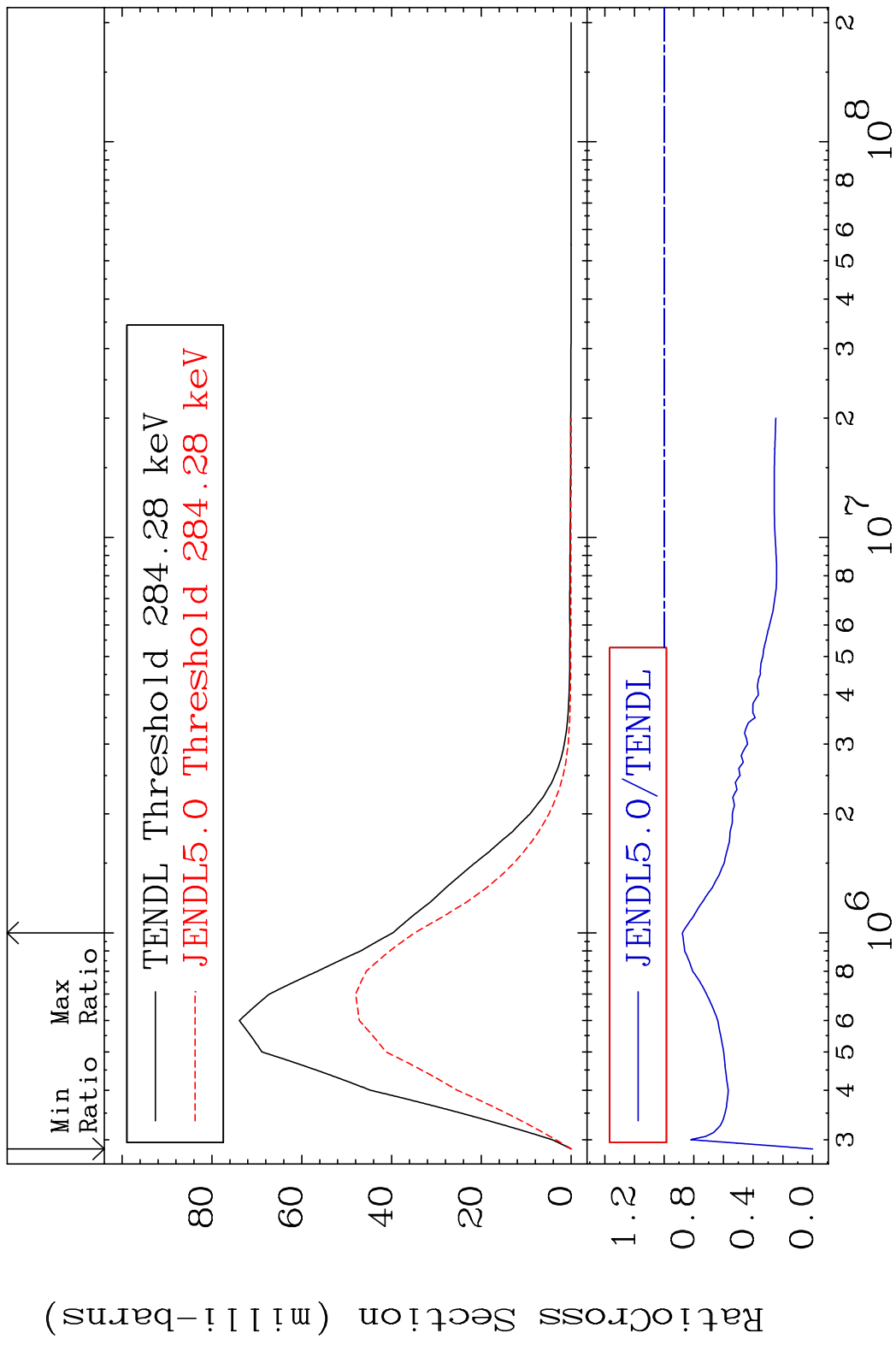
MAT 9752 MT= 58 (n, n') Level 97-Bk-249
 Cross Section -89.82 To 58.81 %



MAT 9752 MT= 59 (n, n') Level 97-Bk-249
 Cross Section -100.0 To 26.72 %



MAT 9752 MT= 60 (n,n') Level 97-Bk-249
 Cross Section -100.0 To -12.28%

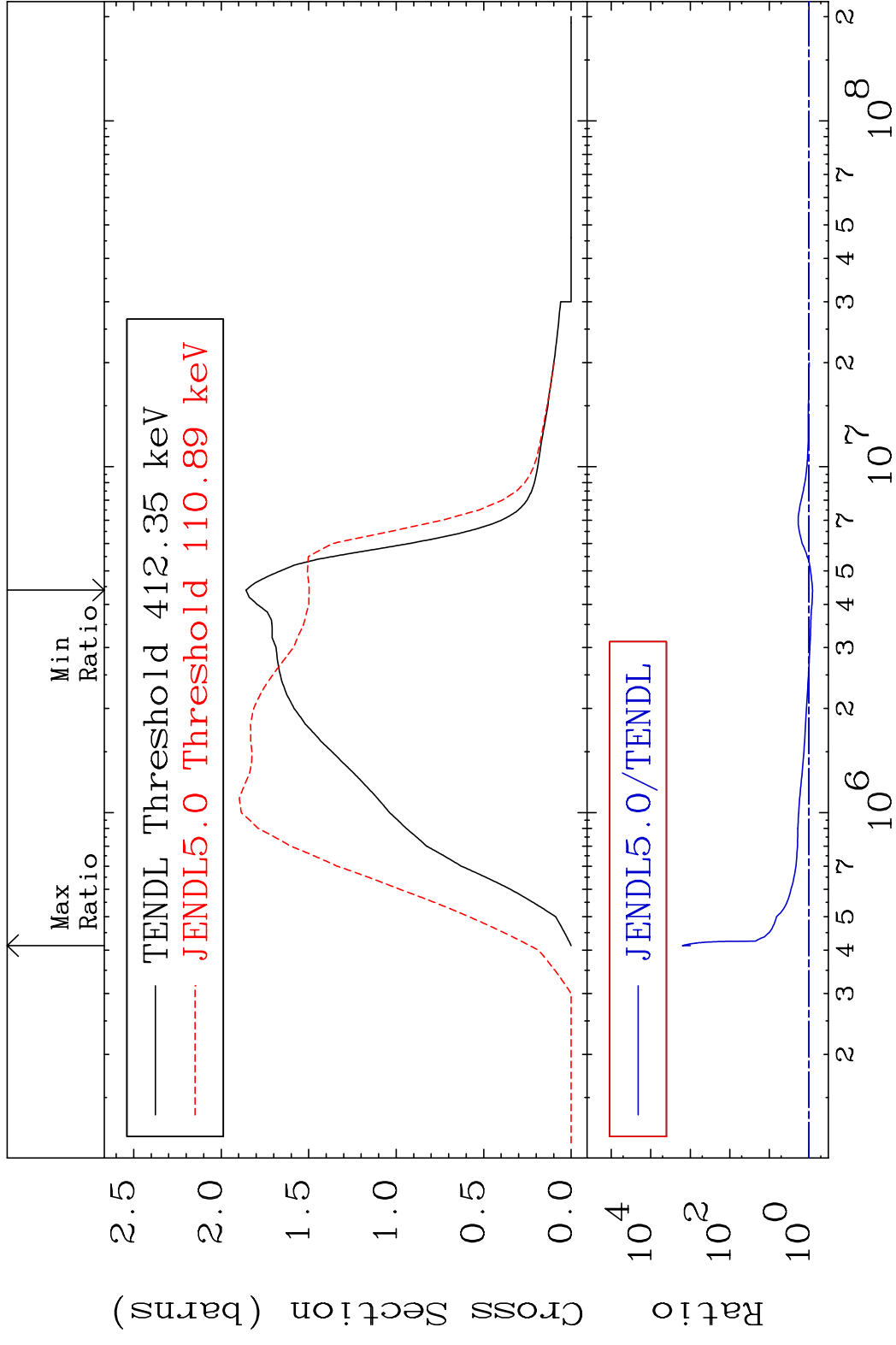


MAT 9752

(n, n') Continuum

97-Bk-249

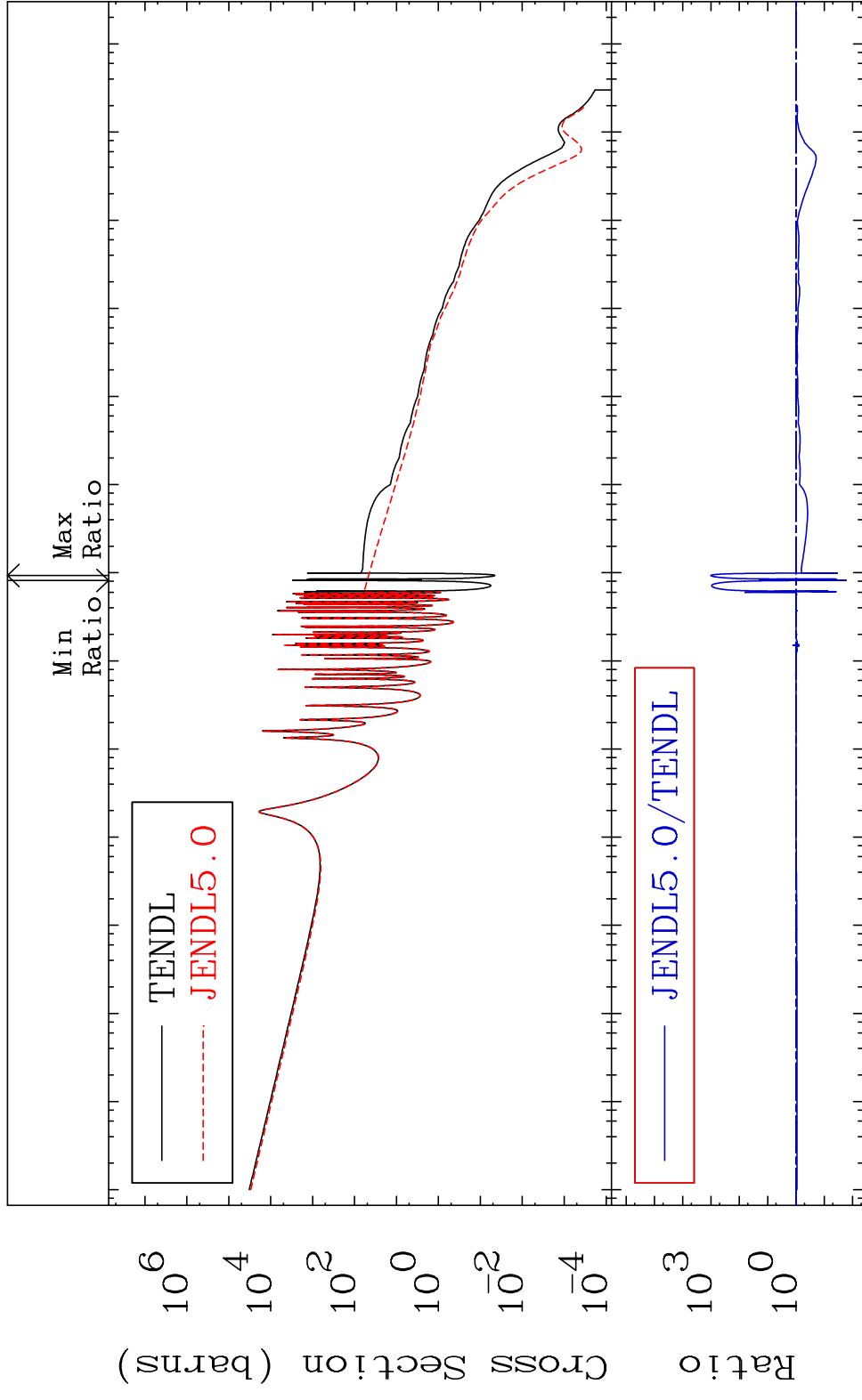
Cross Section -19.38 To 9999. %



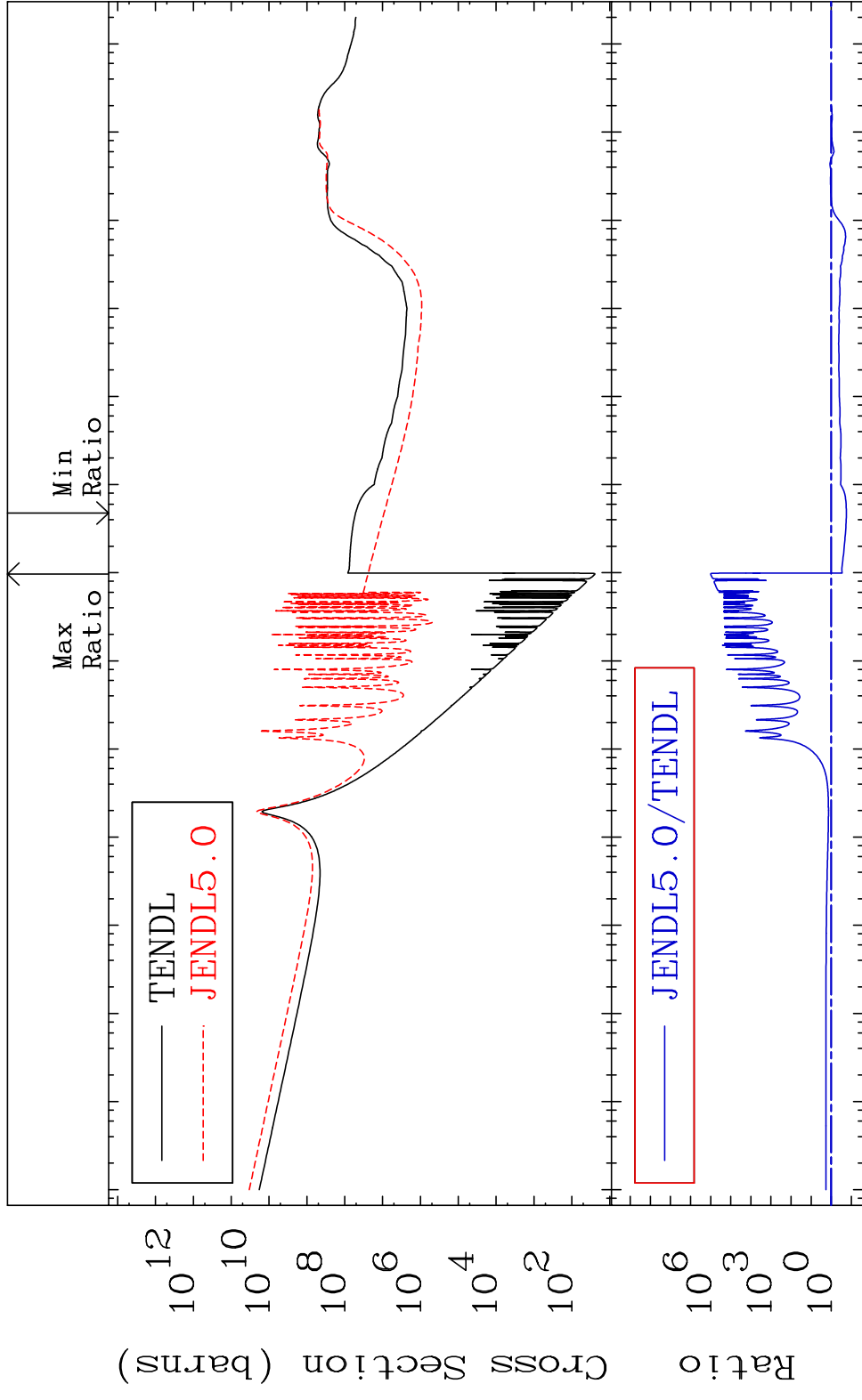
MAT 9752

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

97-Bk-249



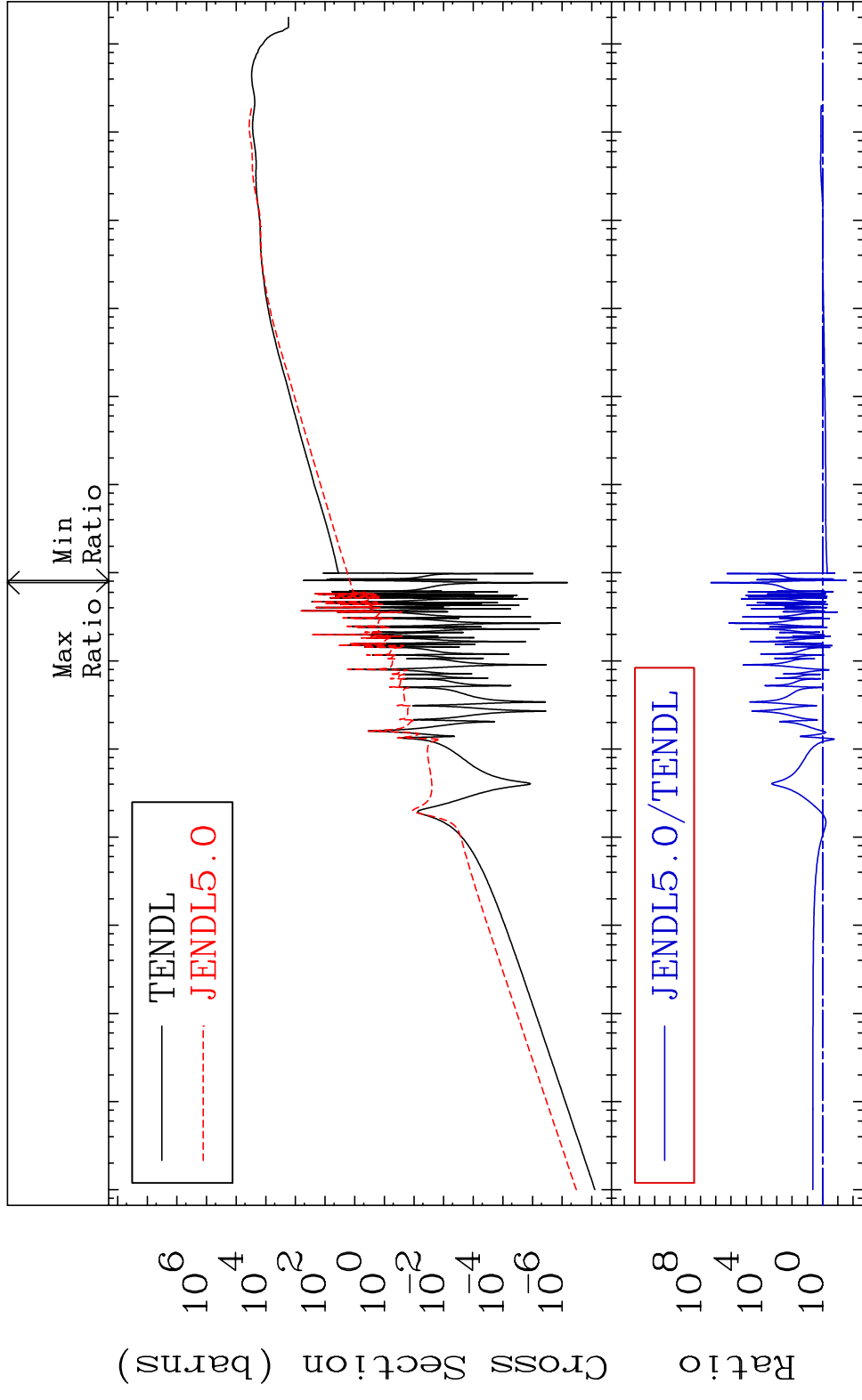
MAT 9752 Kerma total (eV-barns) 97-Bk-249
 Cross Section -82.27 To 9999. %



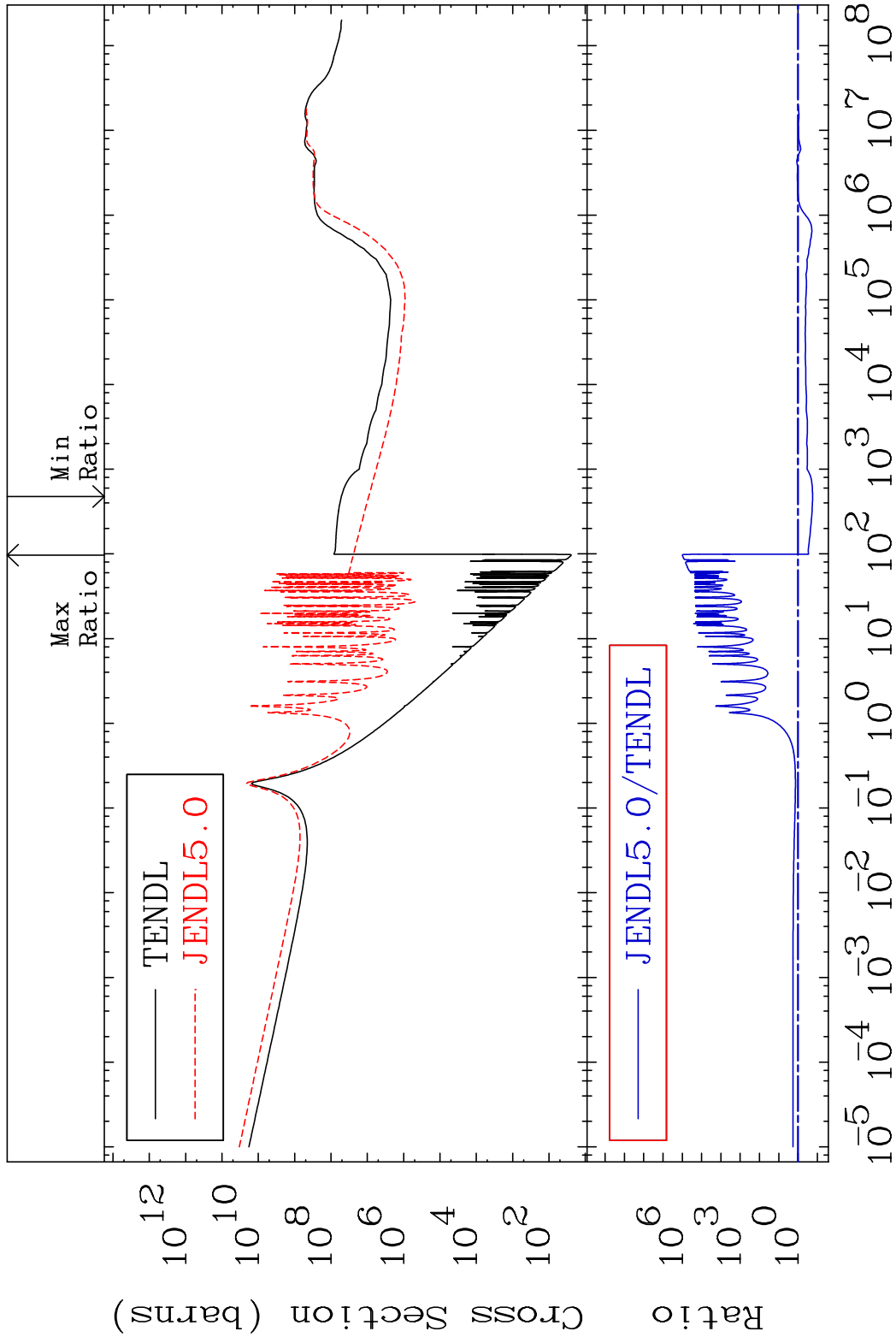
MAT 9752

Kerma elastic
Cross Section

97-Bk-249
-97.22 To 9999. %

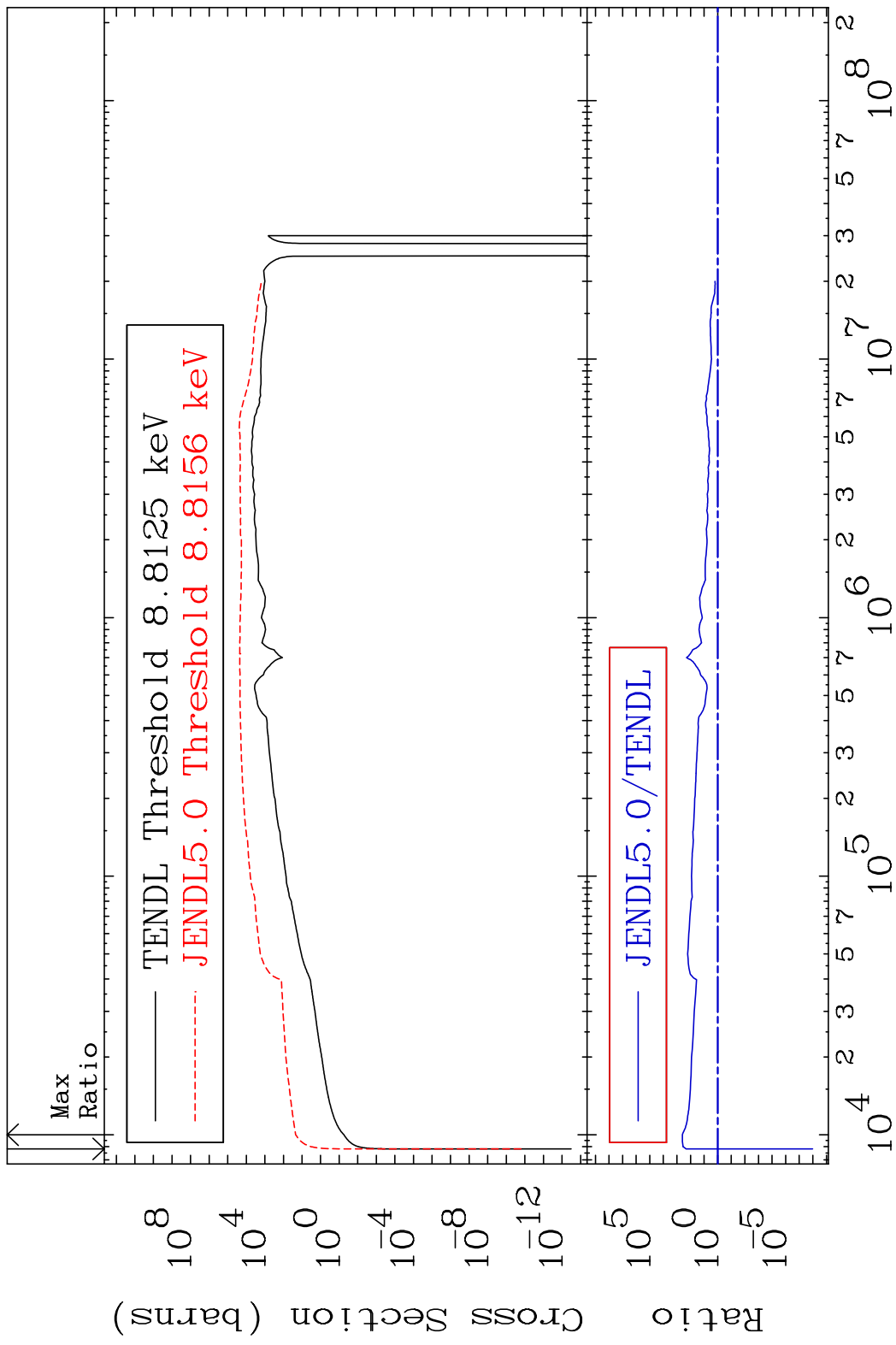


MAT 9752 Kerma non-elastic (all but mt2) 97-Bk-249
 Cross Section -82.27 To 9999. %

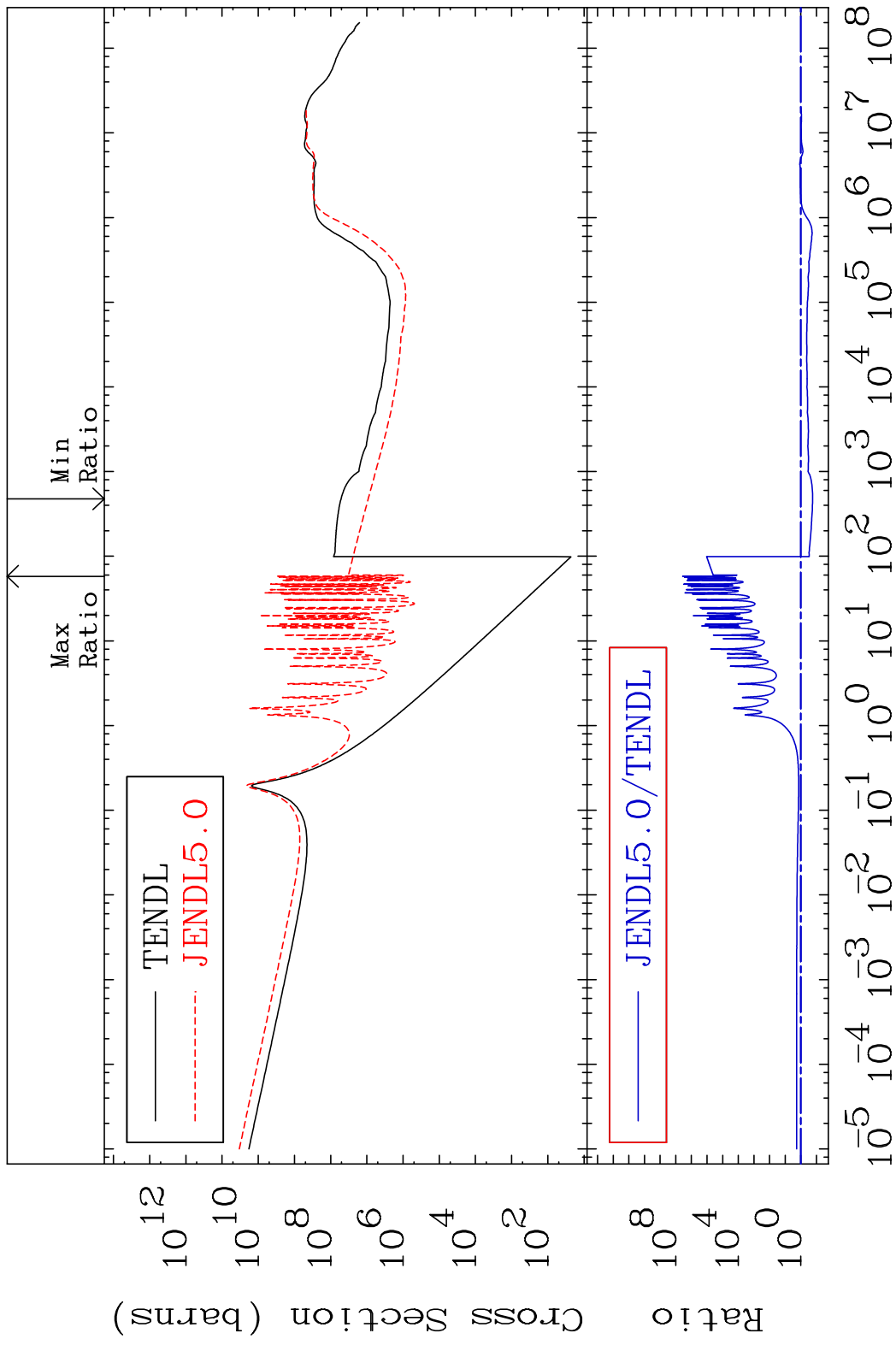


22 Incident Energy (eV) 97-Bk-249

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

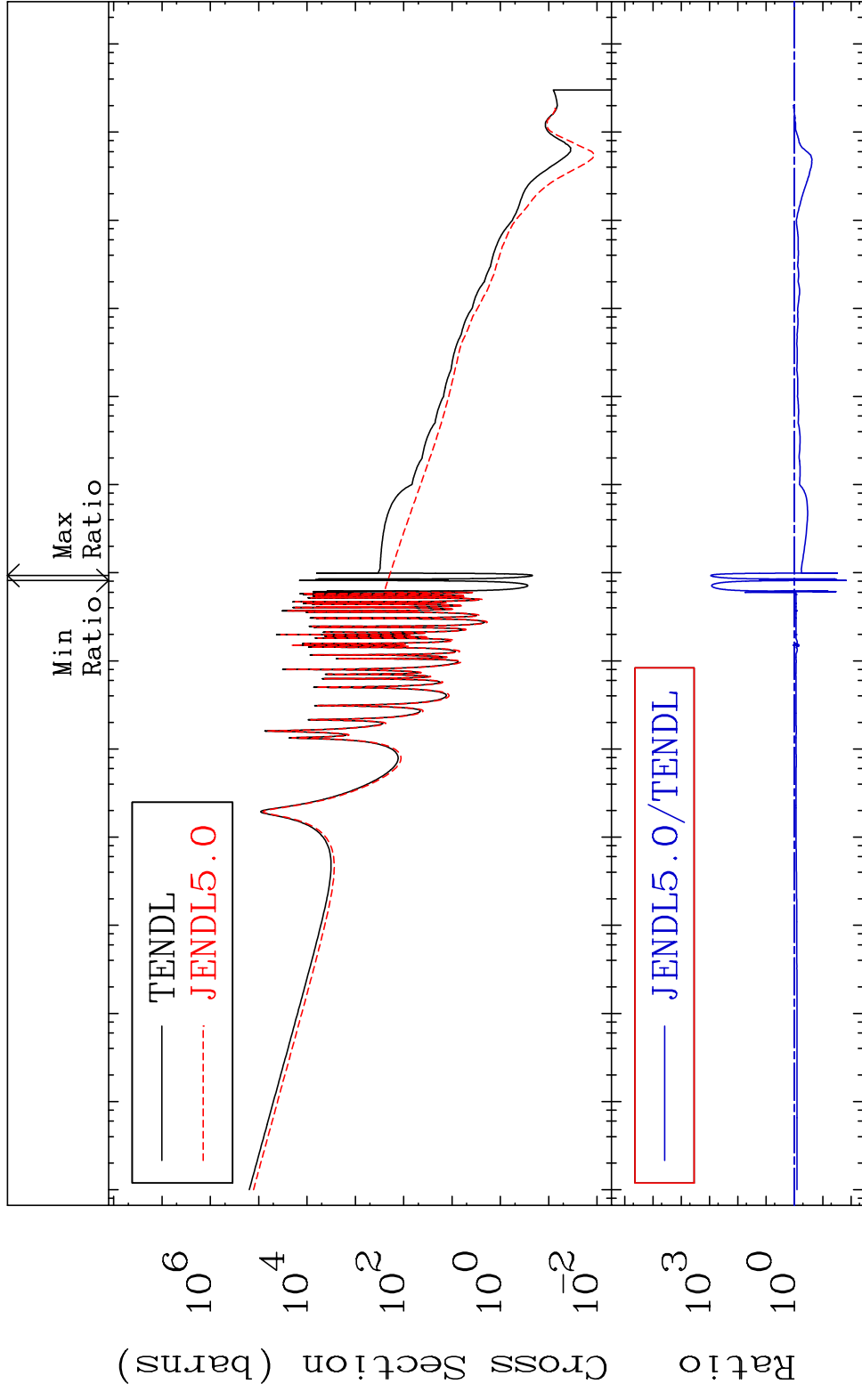


MAT 9752 Kerma fission (mt18 or mt19-20-21-38) 97-Bk-249
 Cross Section -82.27 To 9999. %



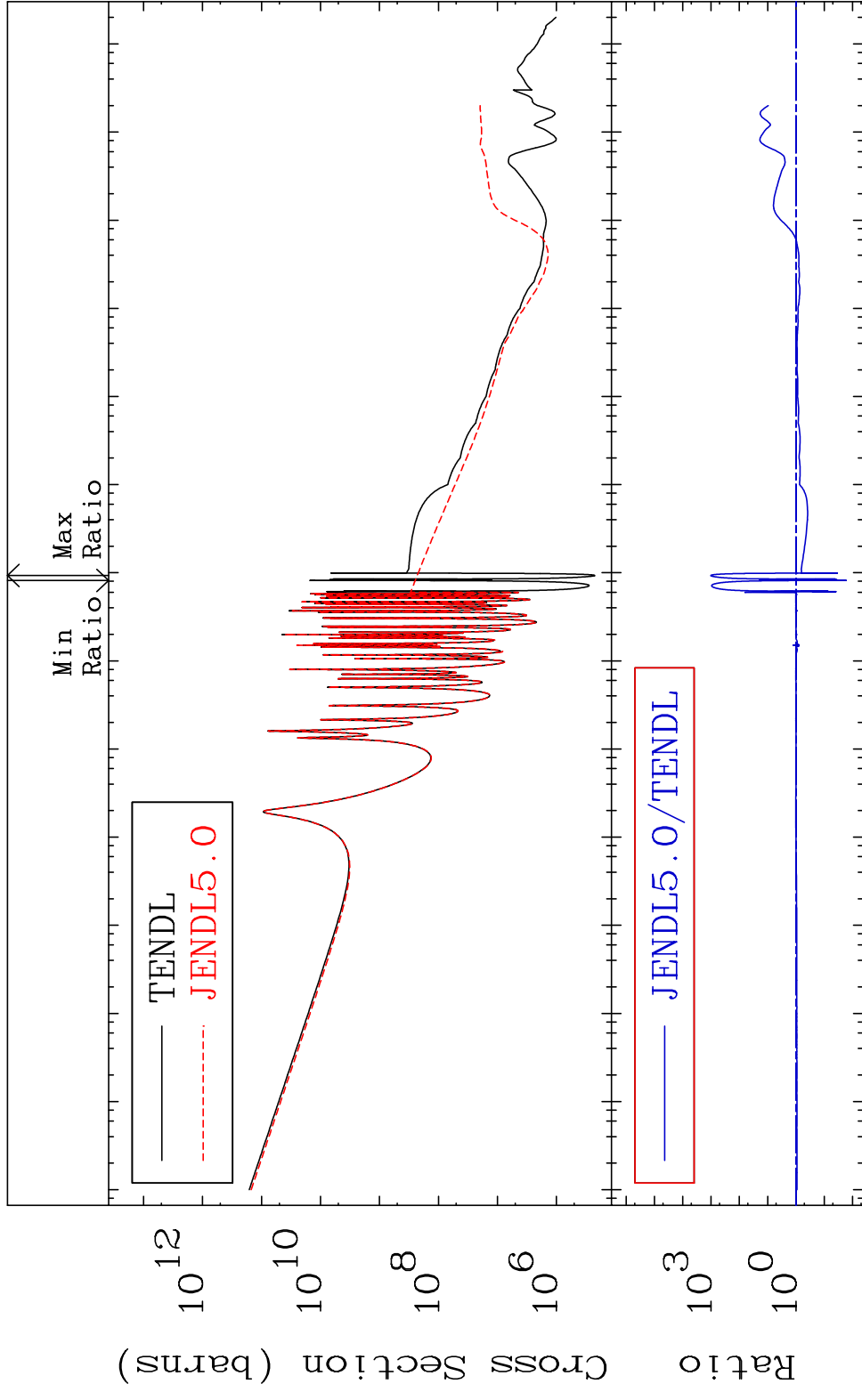
MAT 9752

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

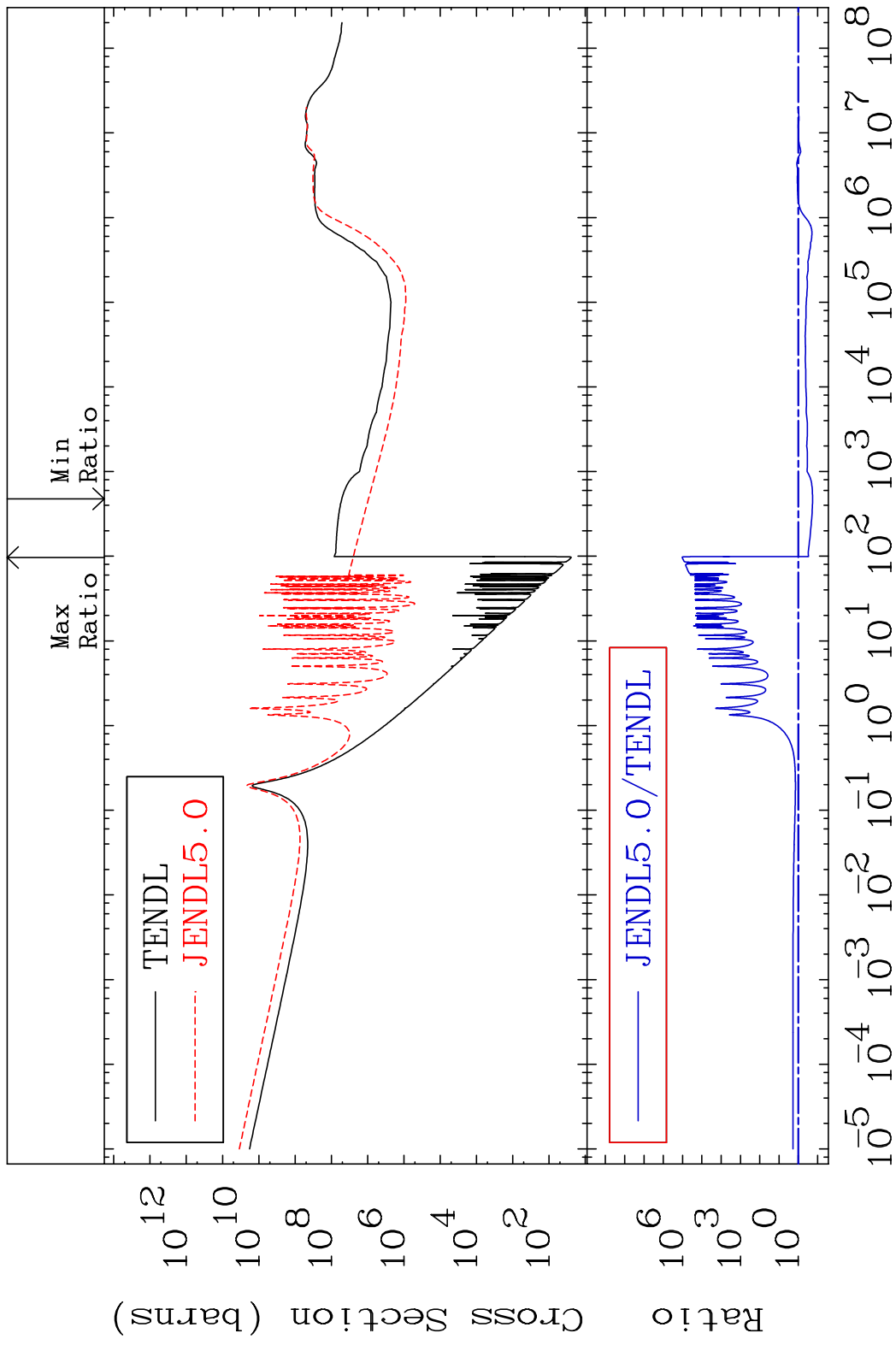


MAT 9752

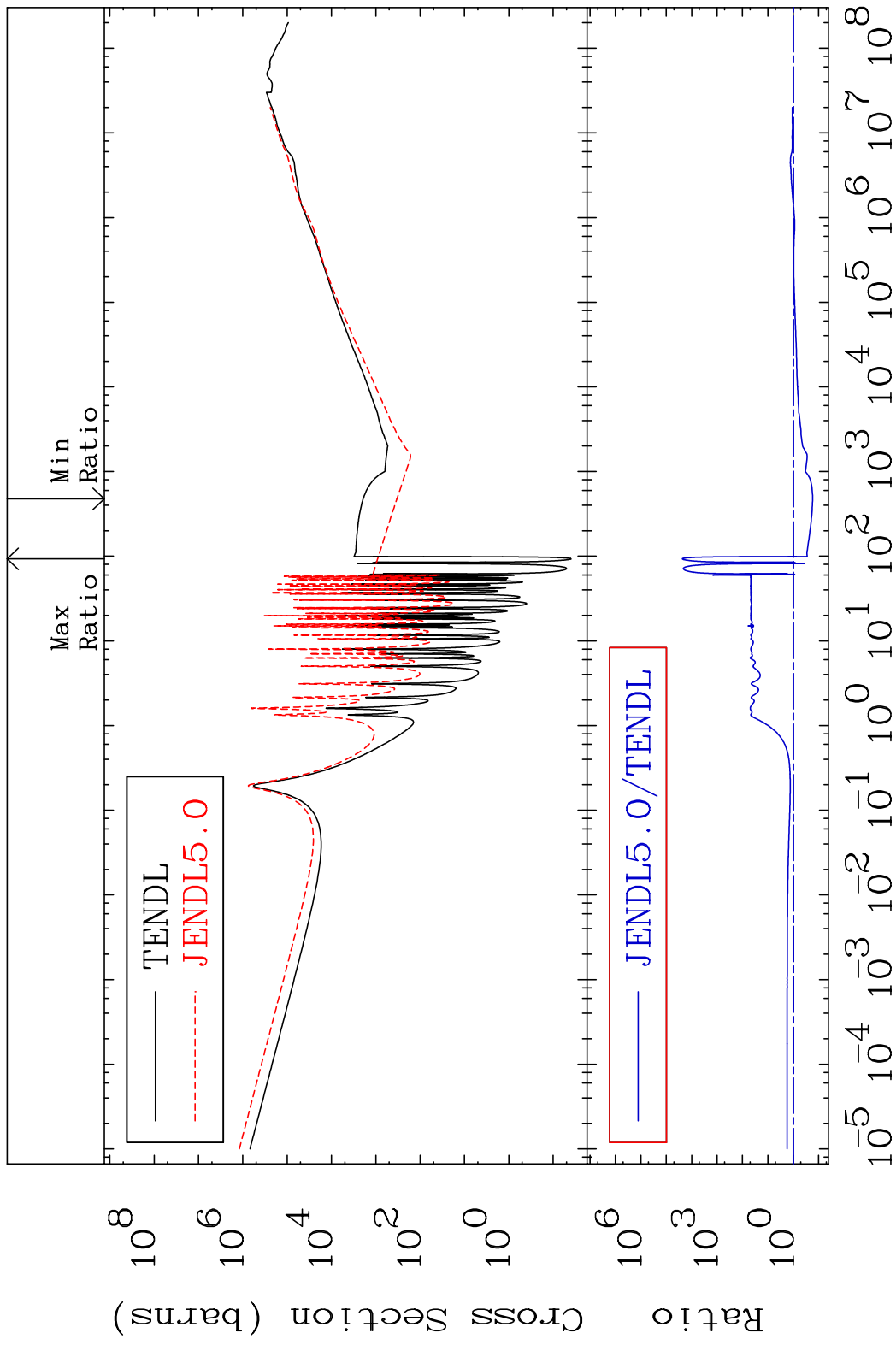
Total photon (eV-barns) 97-Bk-249
Cross Section -98.35 To 9999. %



MAT 9752 Total kinematic kerma (high limit) 97-Bk-249
 Cross Section -81.64 To 9999. %



MAT 9752 Dpa total (eV-barns) 97-Bk-249
 Cross Section -82.69 To 9999. %



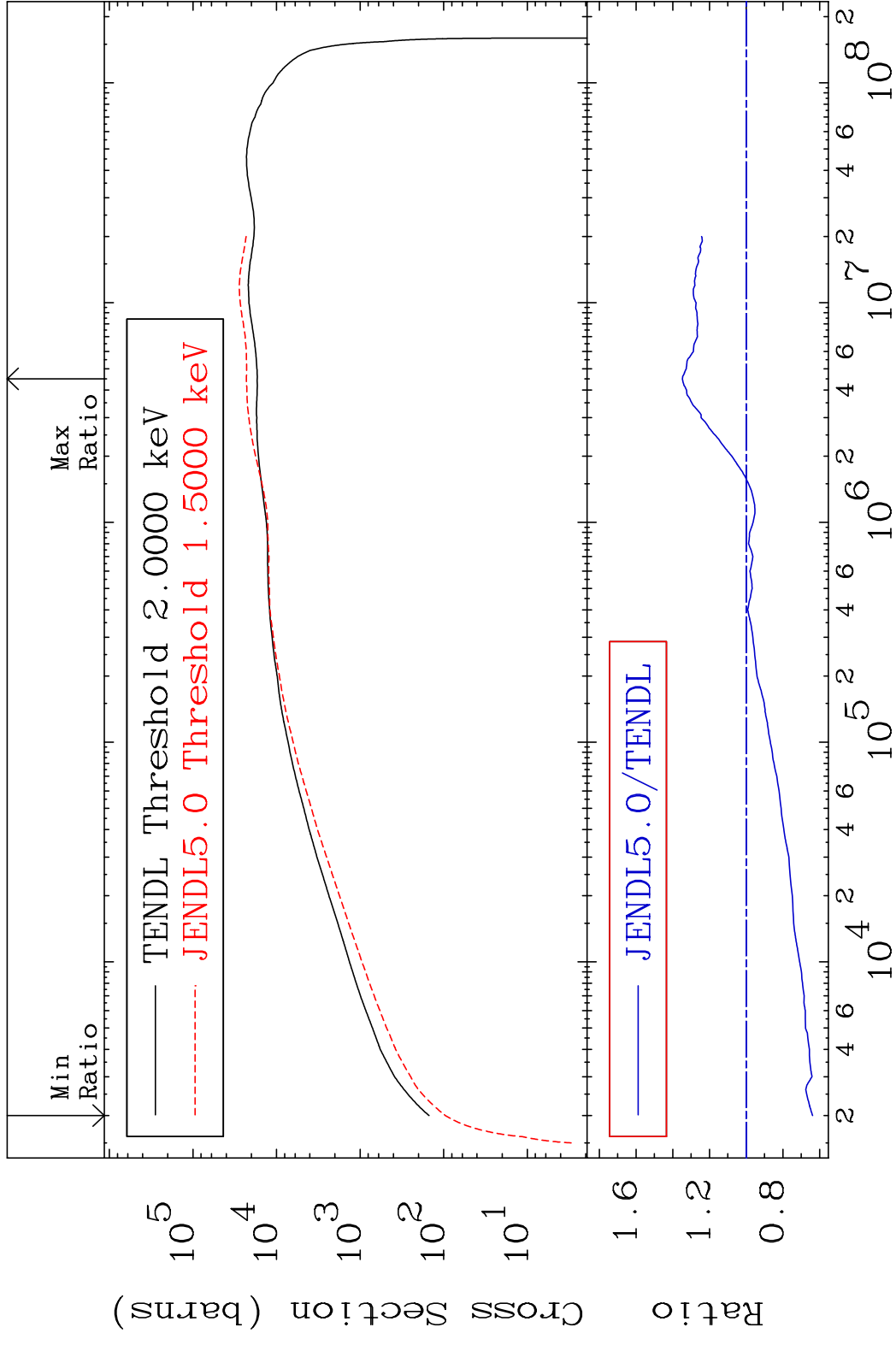
MAT 9752

Dpa elastic (mt2)

97-Bk-249

Cross Section

-36.15 To 34.78 %

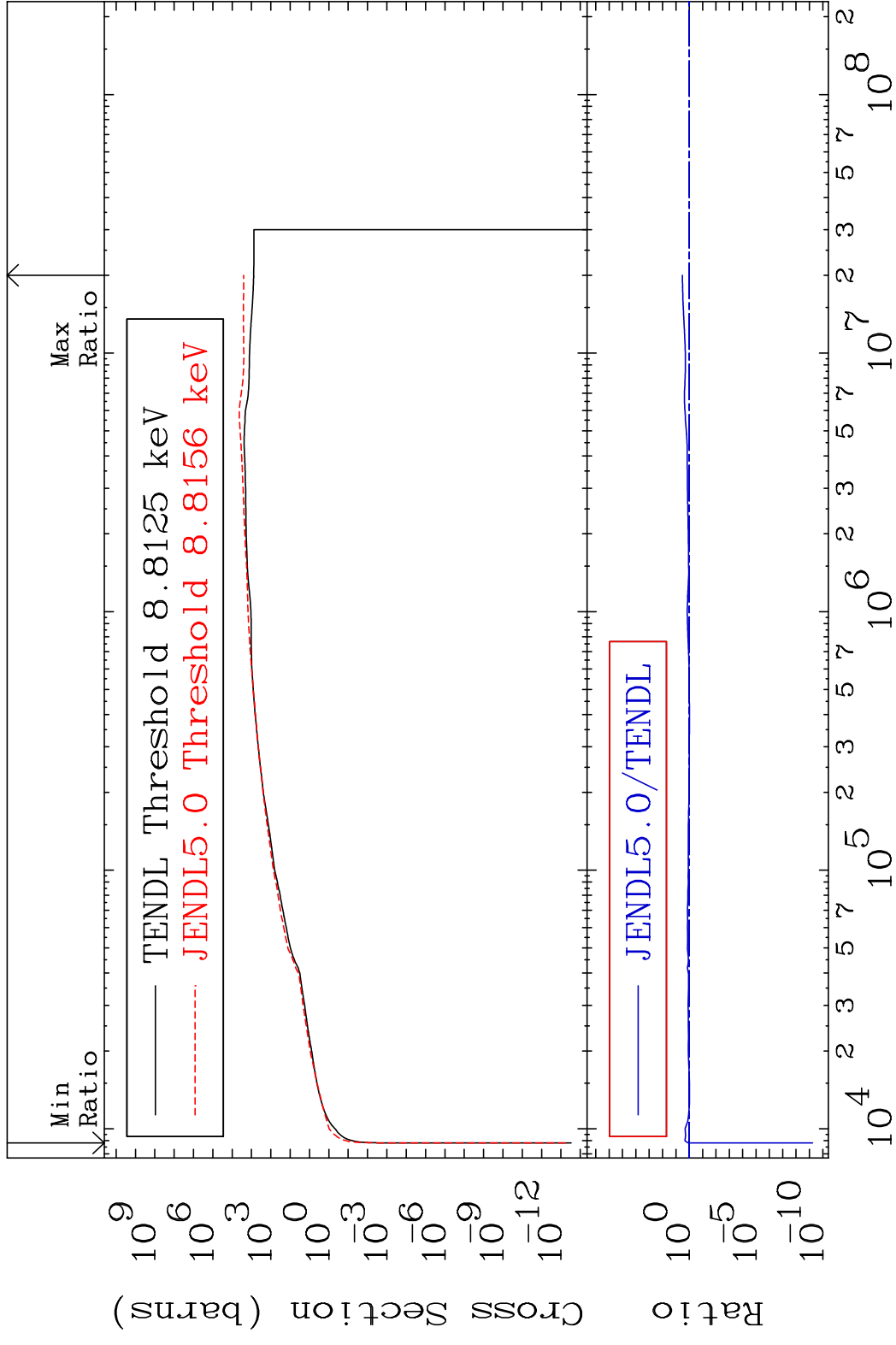


MAT 9752

Dpa inelastic (mt51-91)

97-Bk-249

Cross Section -100.0 To 228.4 %

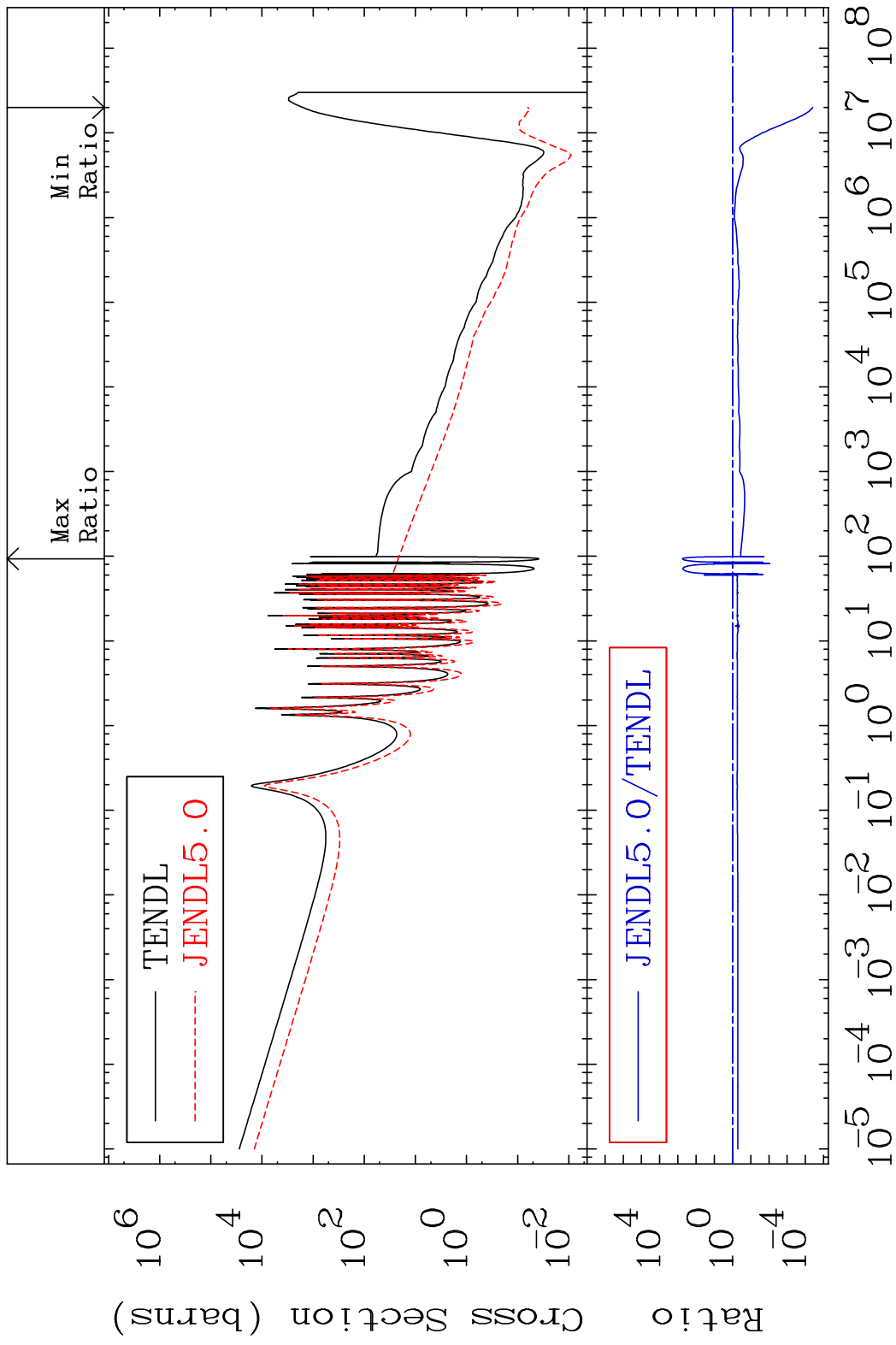


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Incident Energy (eV)

97-Bk-249

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

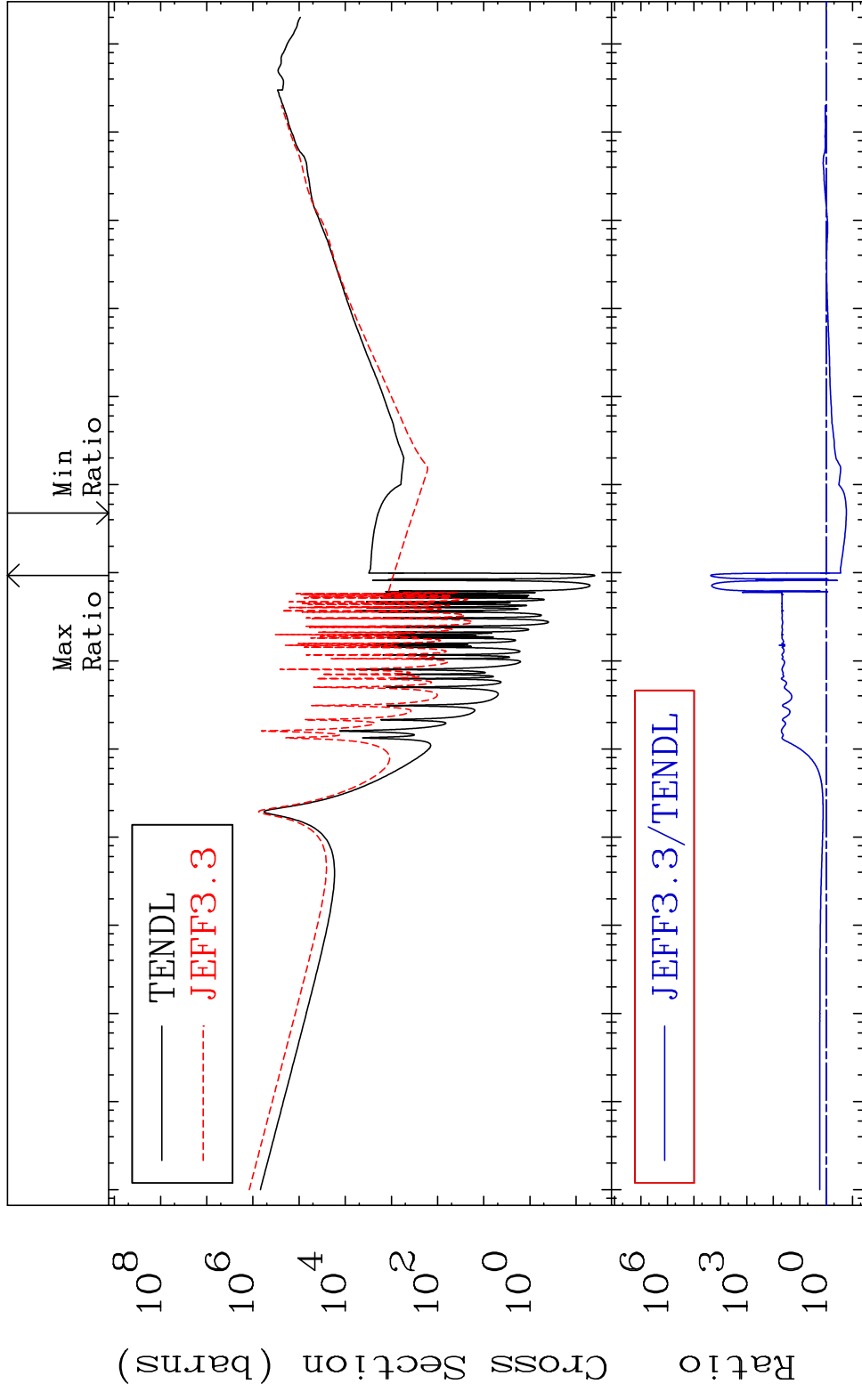


MAT 9752

Dpa total (eV-barns)

97-Bk-249

Cross Section -82.69 To 9999. %



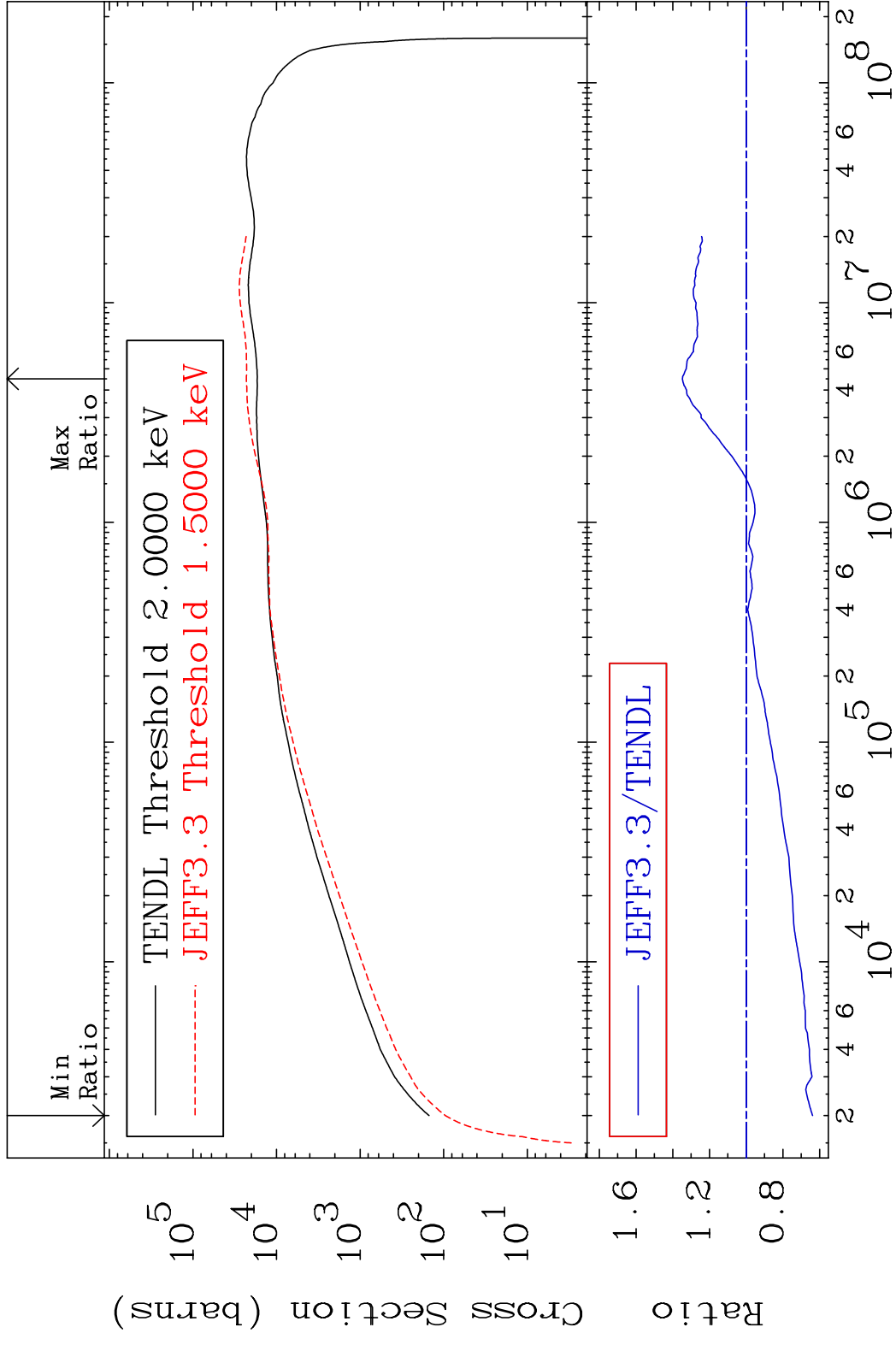
MAT 9752

Dpa elastic (mt2)

97-Bk-249

Cross Section

-36.15 To 34.78 %

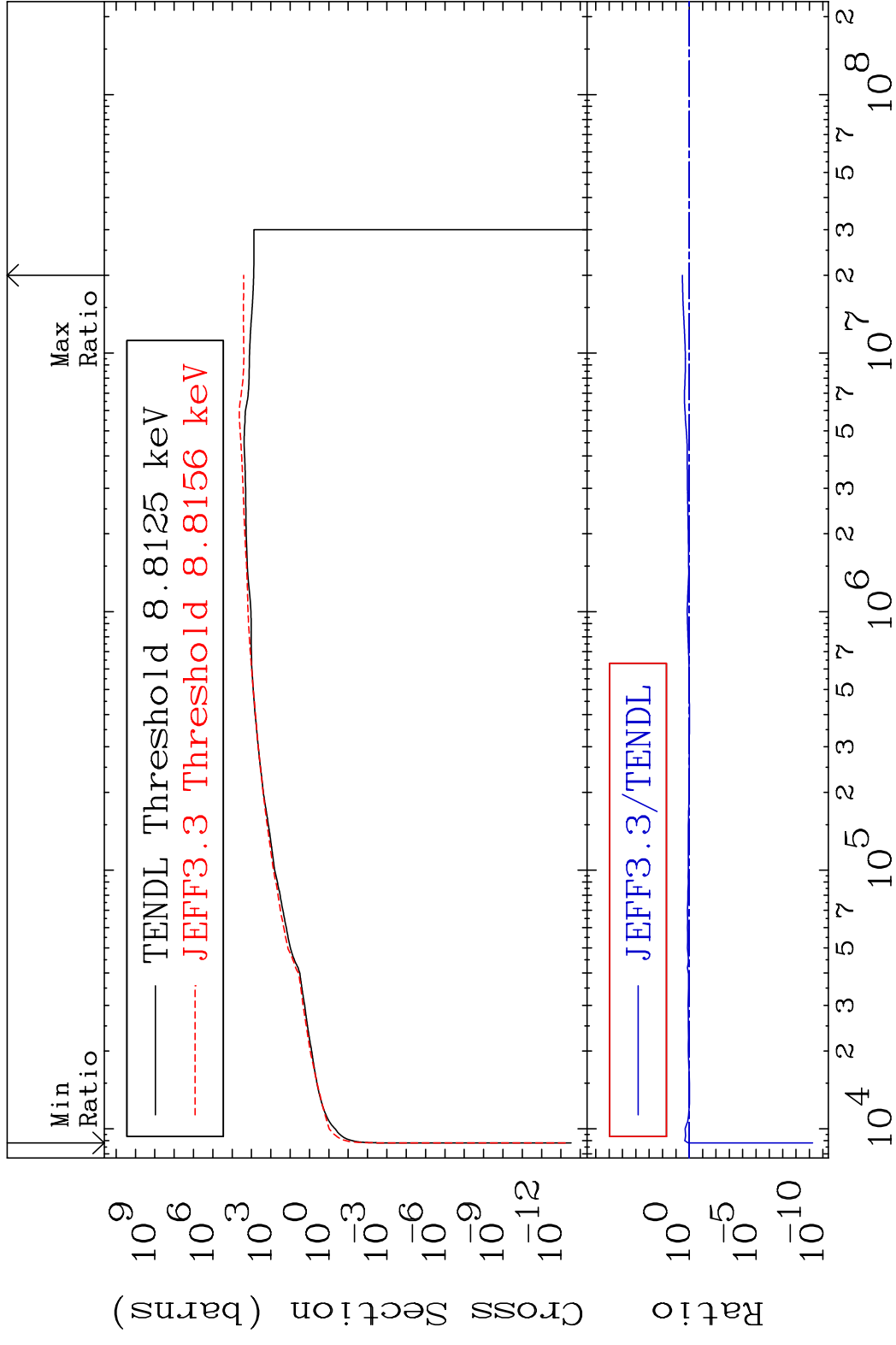


MAT 9752

Dpa inelastic (mt51-91)

97-Bk-249

Cross Section -100.0 To 228.4 %



34

Incident Energy (eV)

97-Bk-249

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

