

Program Complot  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

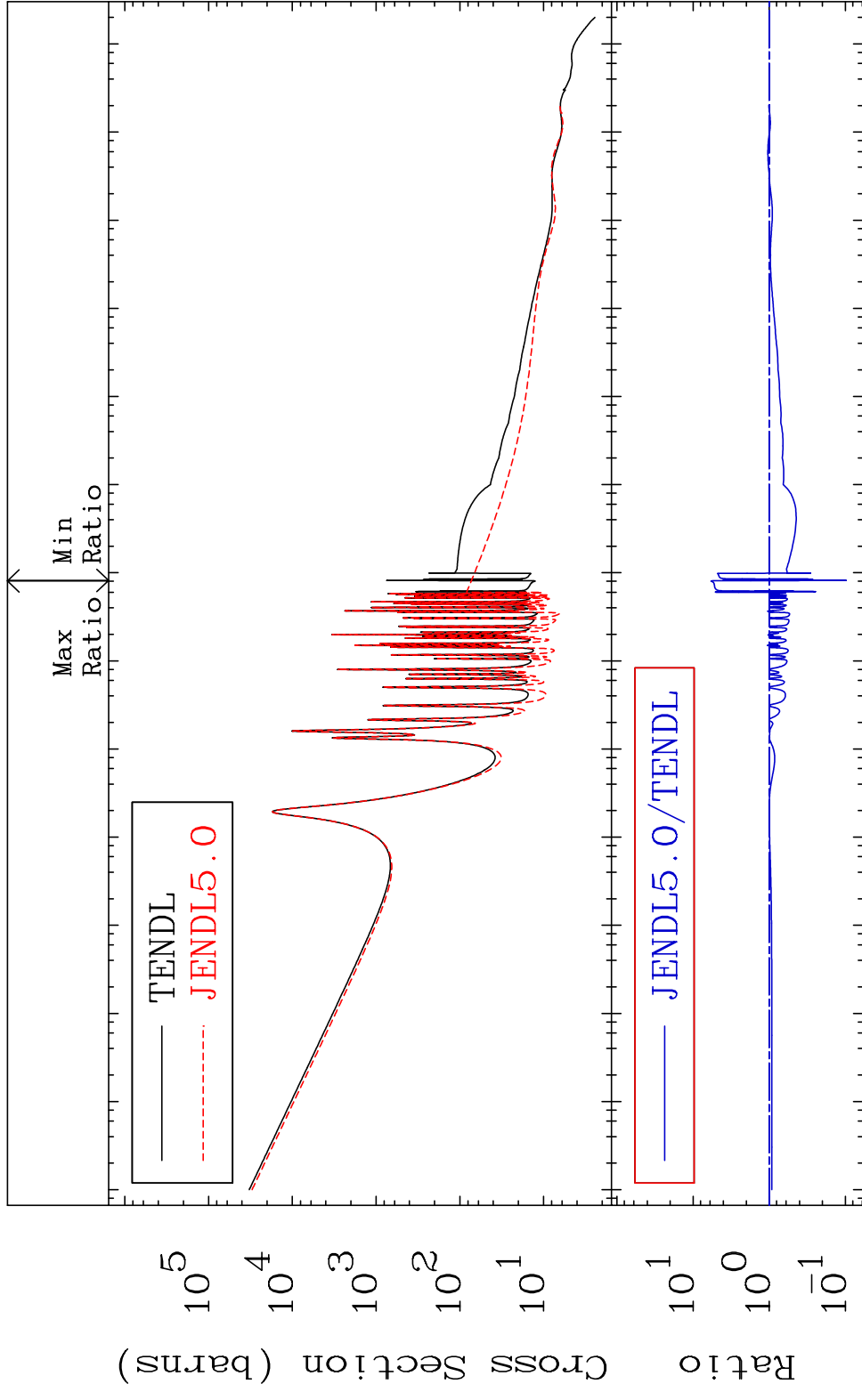
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9752

Total Cross Section -90.29 To 486.9 %

97-Bk-249



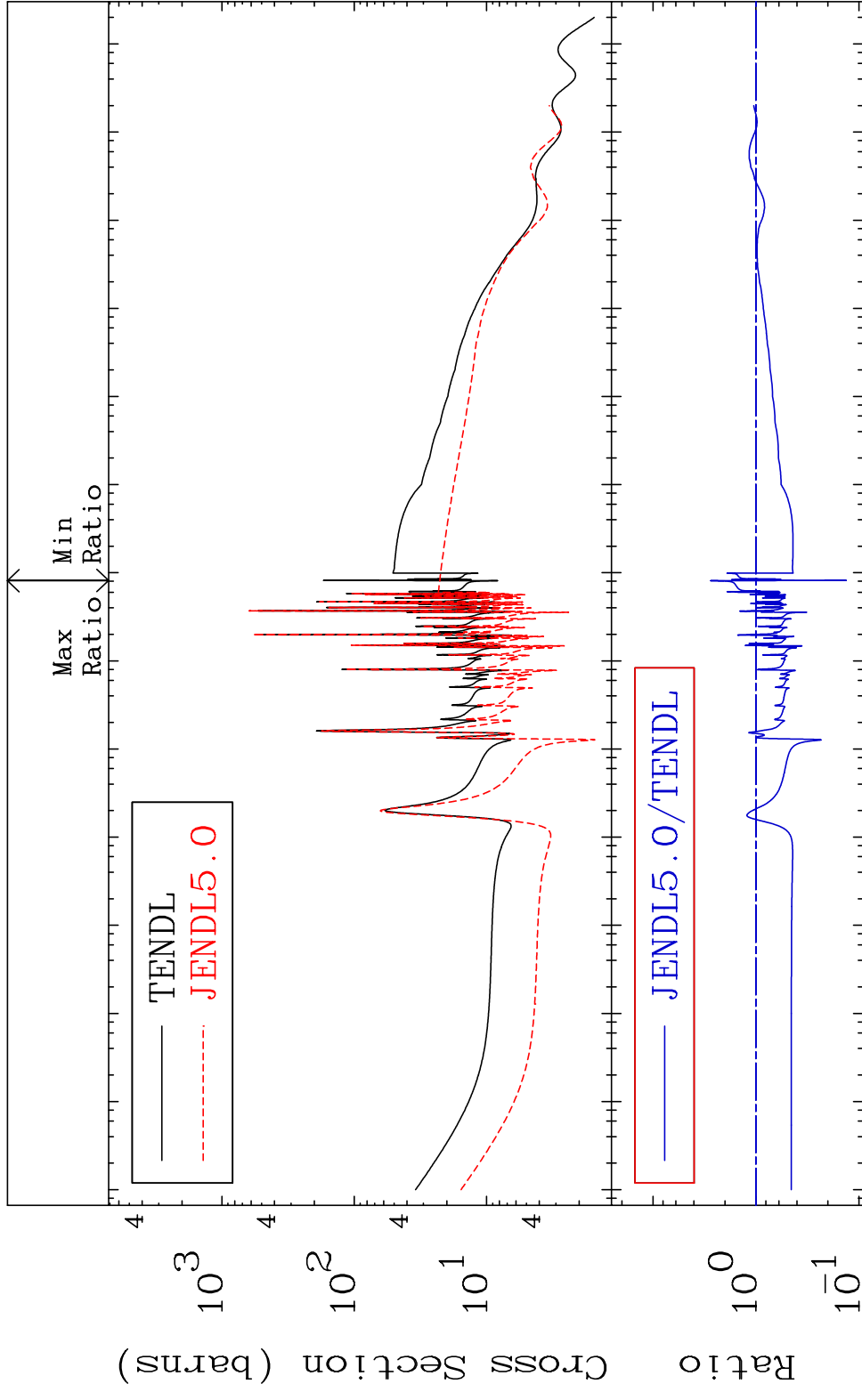
1 Incident Energy (eV) 97-Bk-249

MAT 9752

Elastic

97-Bk-249

Cross Section -86.74 To 175.0 %

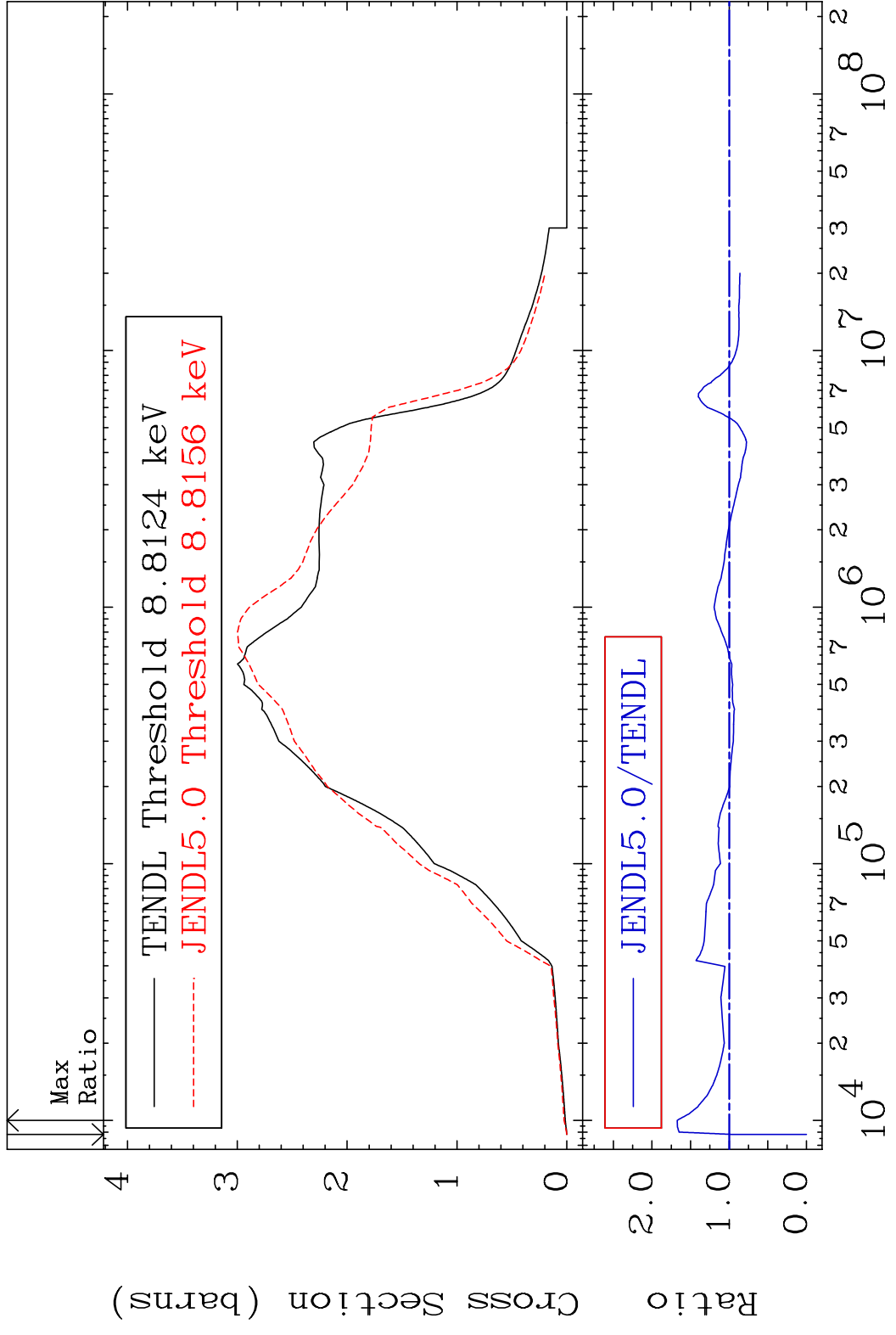


2

Incident Energy (eV)

97-Bk-249

MAT 9752                      Inelastic                      97-Bk-249  
Cross Section                      -100.0 To 67.35 %



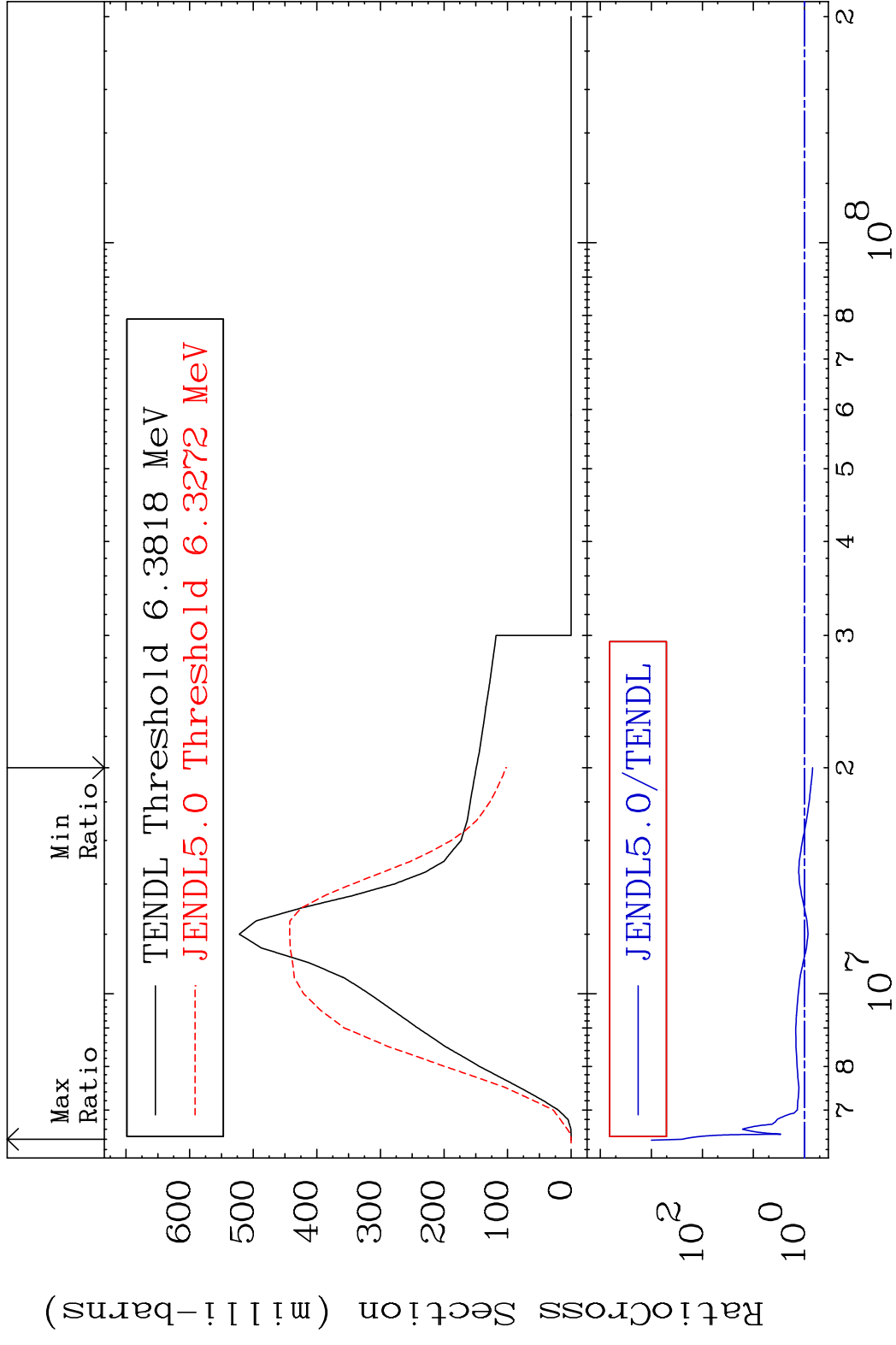
3                      Incident Energy (eV)                      97-Bk-249

MAT 9752

(n,2n)

97-Bk-249

Cross Section -30.91 To 9999. %



4

Incident Energy (eV)

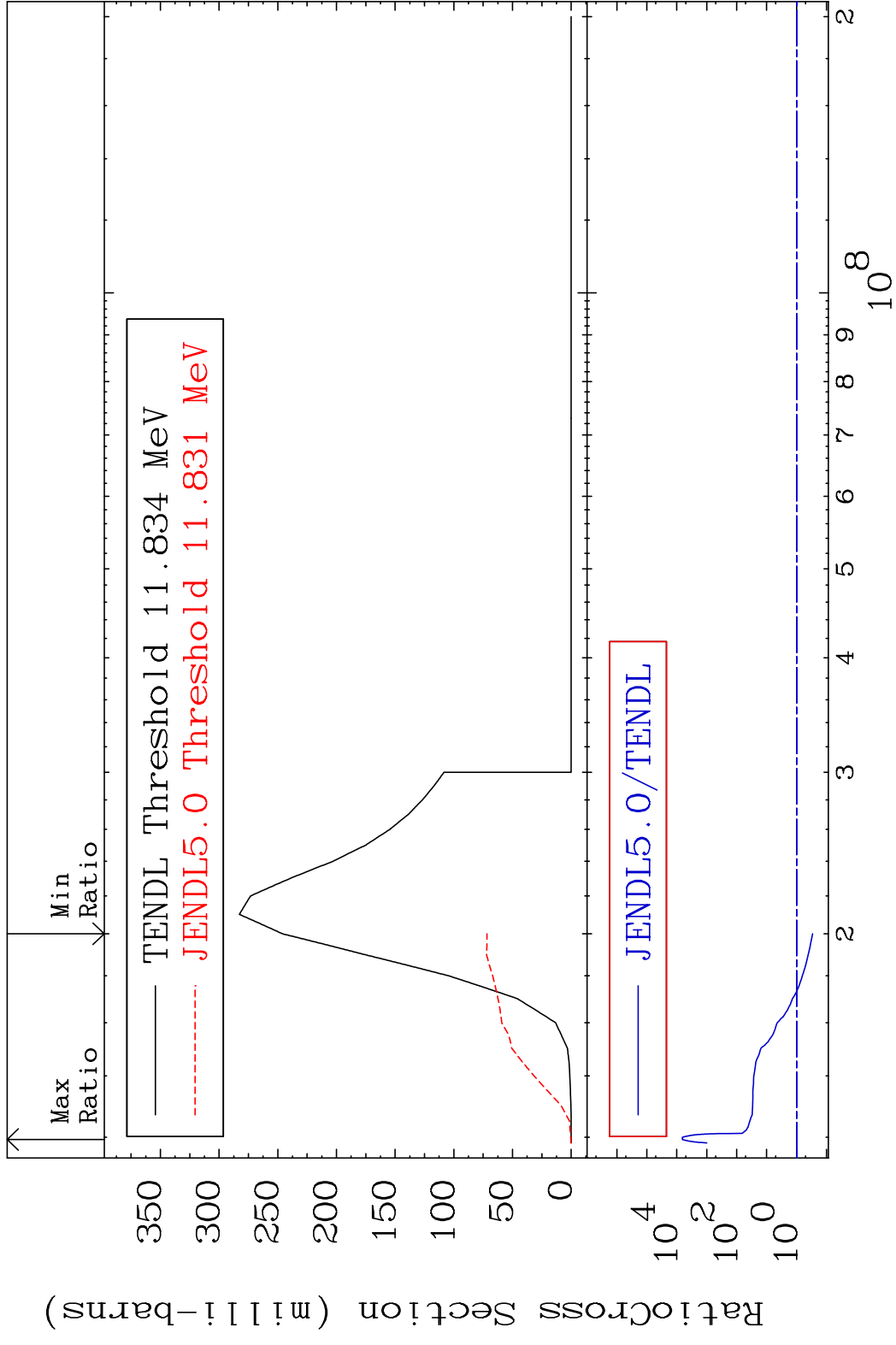
97-Bk-249

MAT 9752

(n,3n)

97-Bk-249

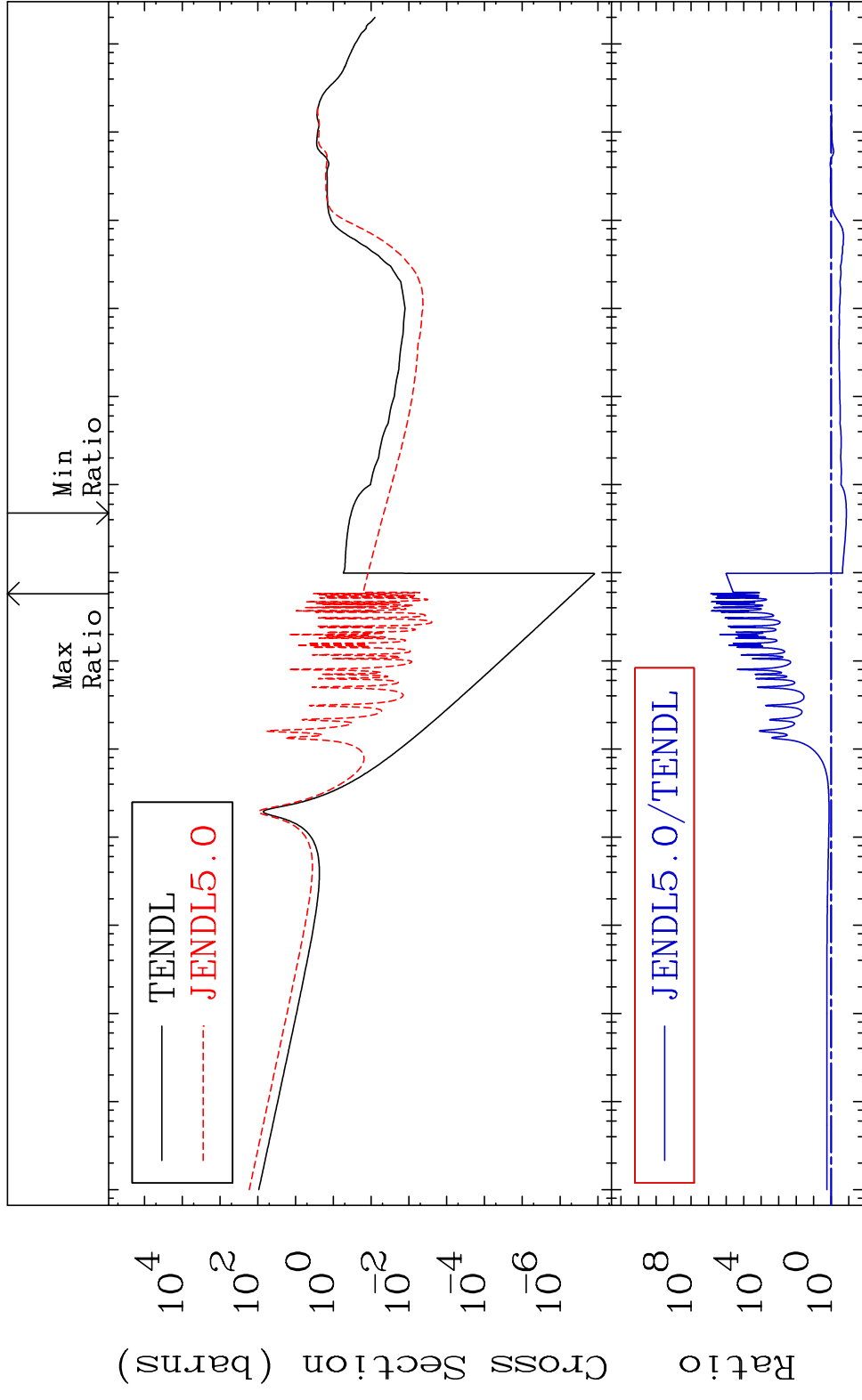
Cross Section -70.81 To 9999. %



MAT 9752

Fission  
Cross Section -86.27 To 9999. %

97-Bk-249

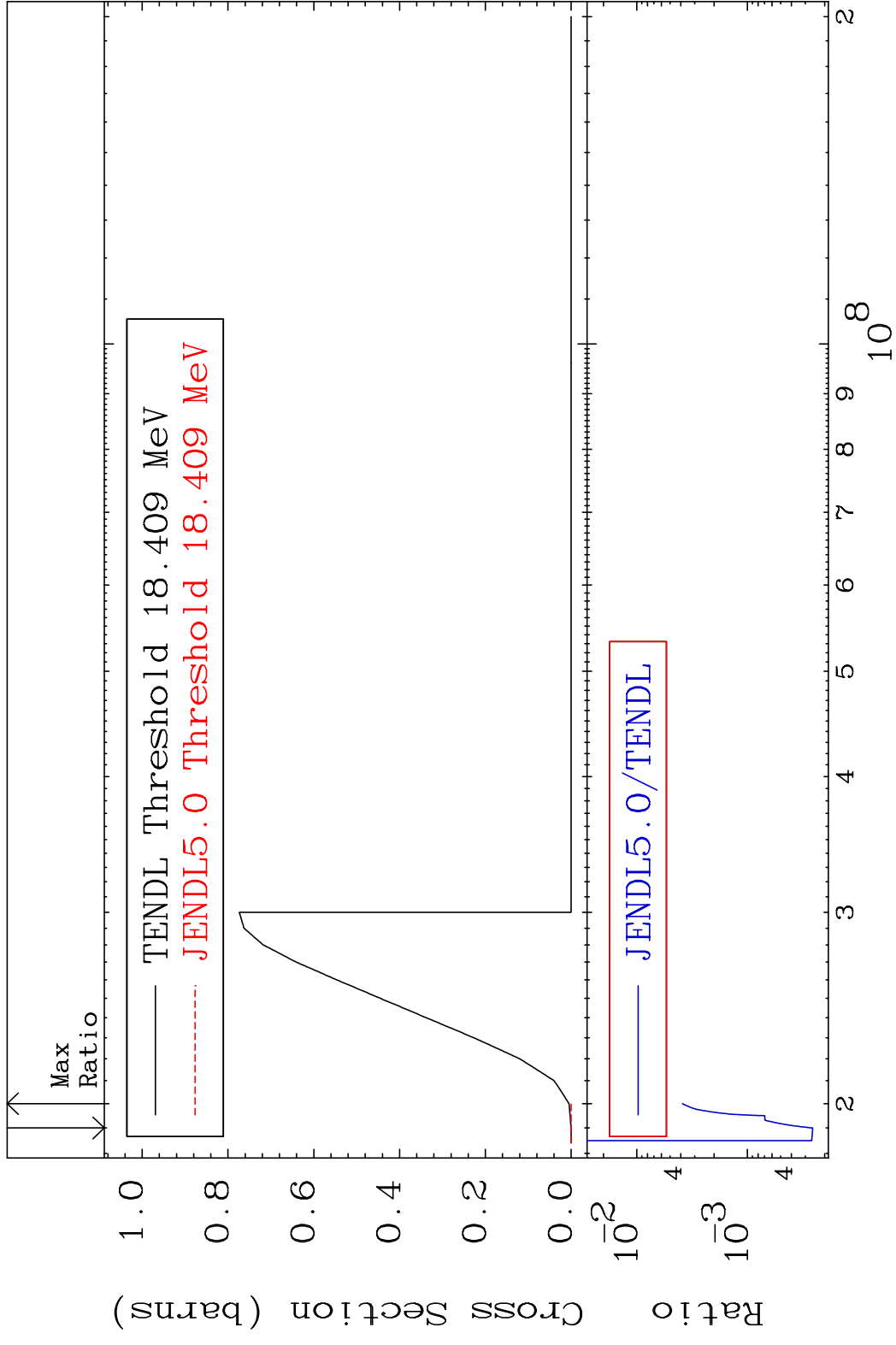


MAT 9752

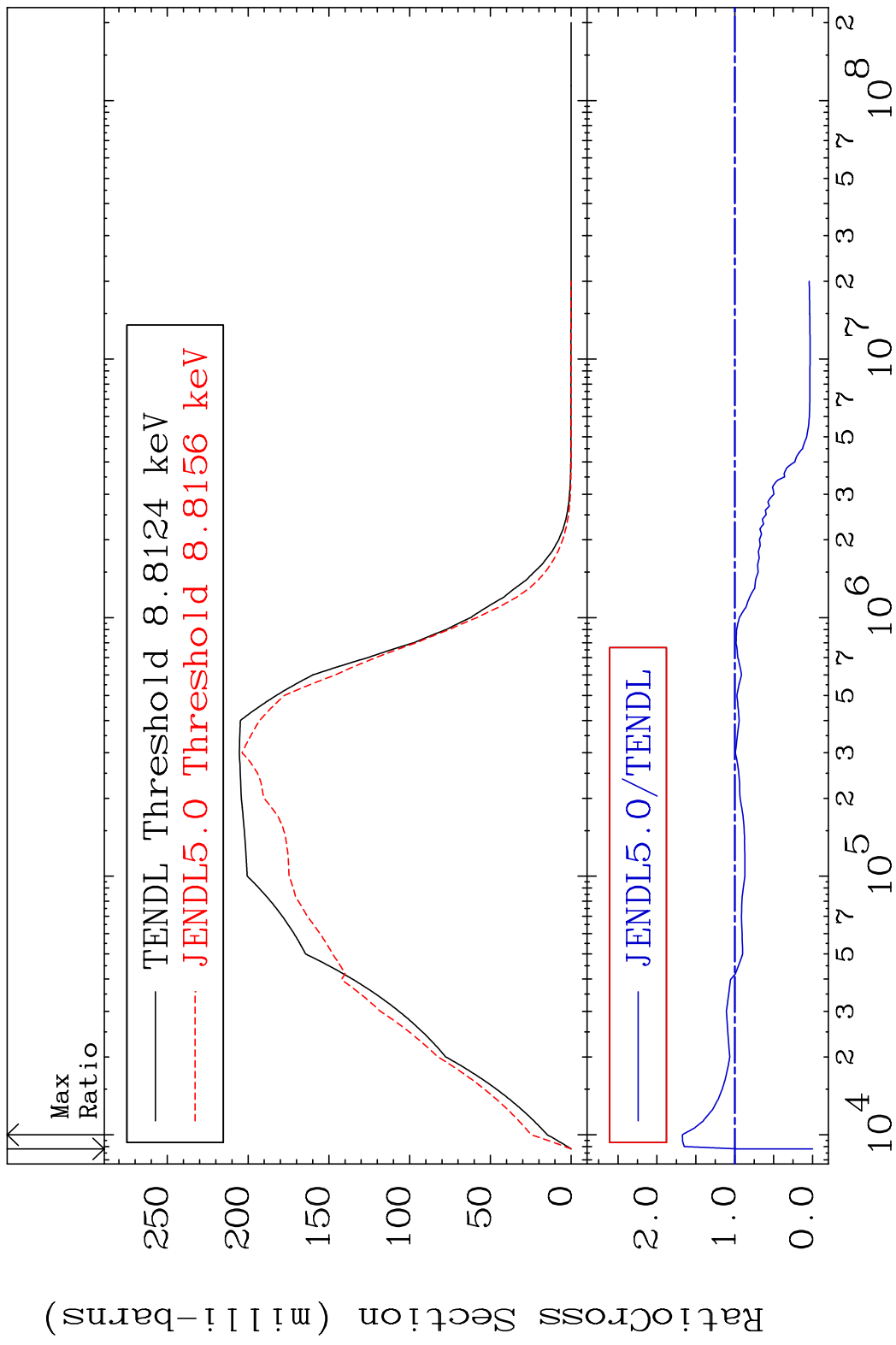
(n, 4n)

97-Bk-249

Cross Section -99.97 To -99.61%

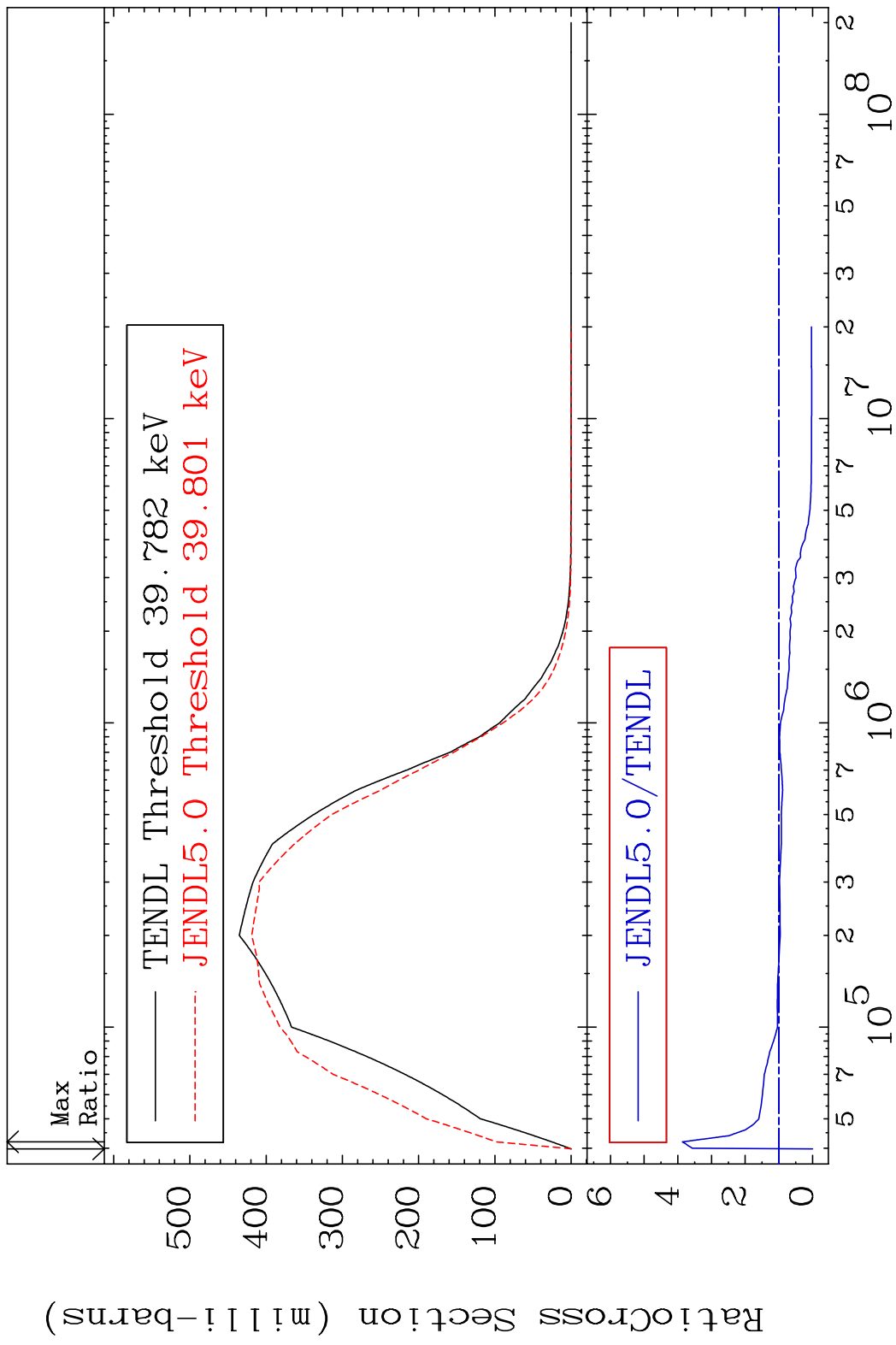


MAT 9752 MT= 51 (n, n') Level 97-Bk-249  
 Cross Section -100.0 To 67.35 %



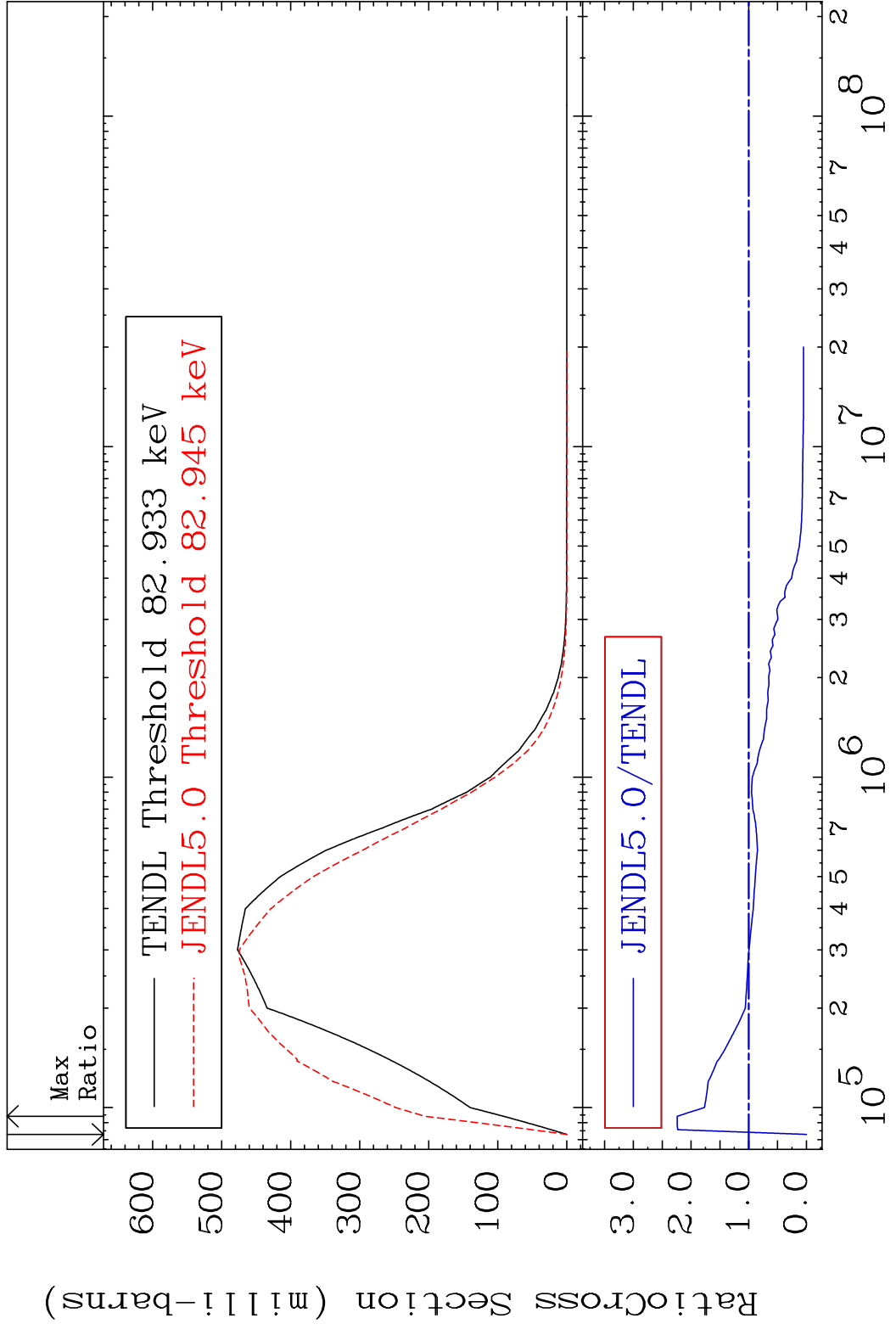
8 Incident Energy (eV) 97-Bk-249

MAT 9752 MT= 52 (n,n') Level 97-Bk-249  
 Cross Section -100.0 To 286.6 %

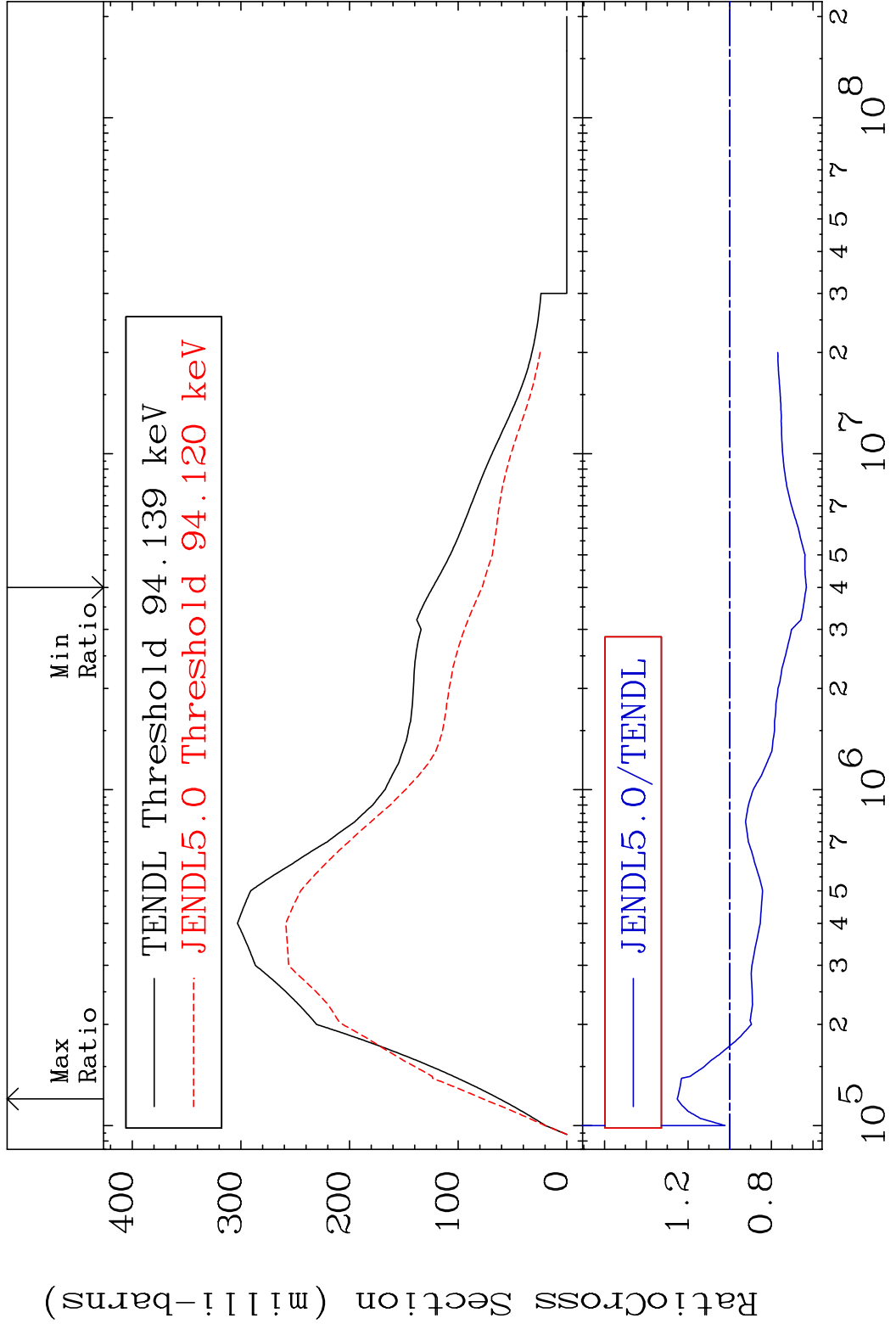




MAT 9752 MT= 54 (n, n') Level 97-Bk-249  
 Cross Section -100.0 To 124.0 %

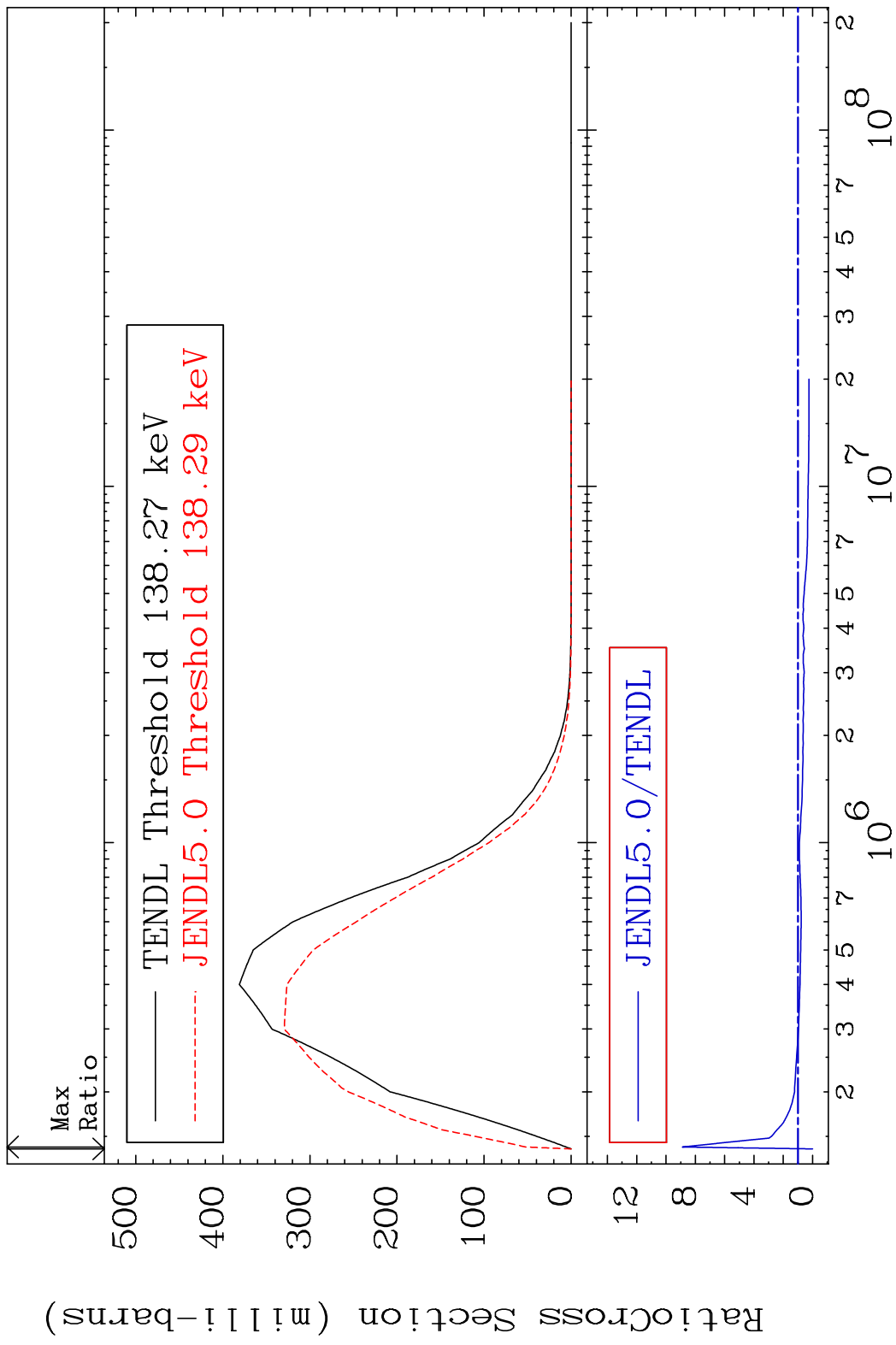


MAT 9752 MT= 55 (n, n') Level 97-Bk-249  
 Cross Section -36.82 To 25.19 %

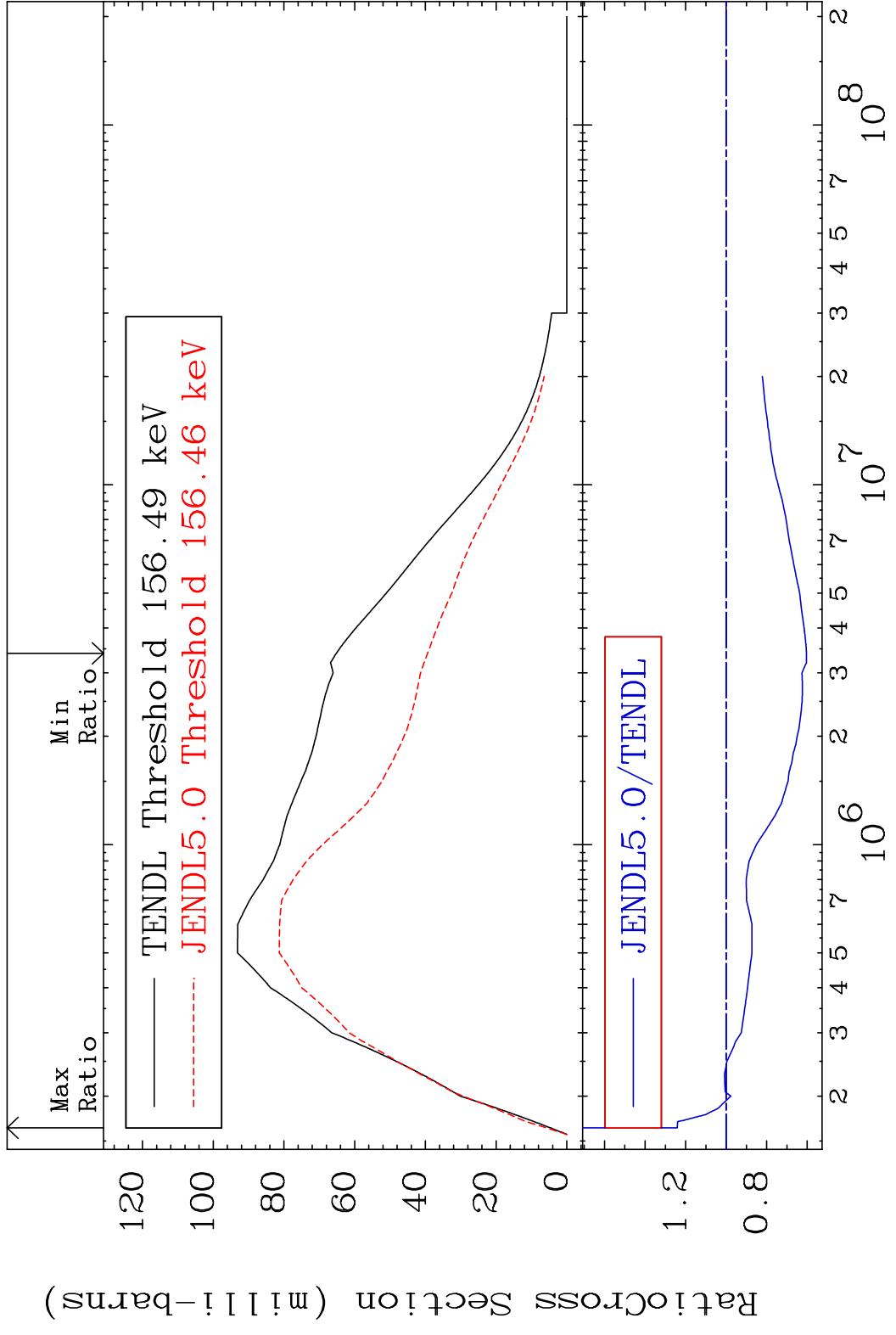


12 Incident Energy (eV) 97-Bk-249

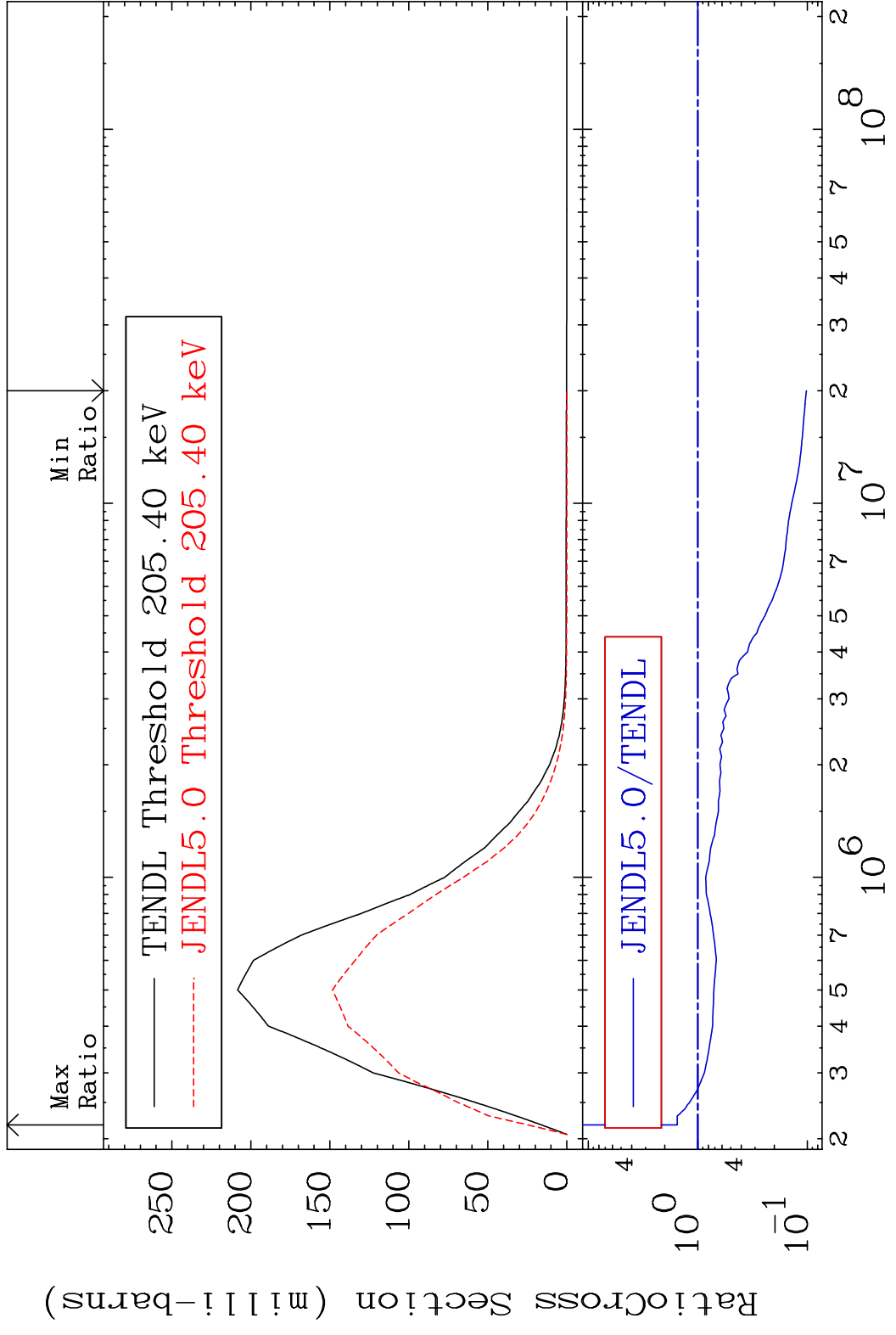
MAT 9752 MT= 56 (n, n') Level 97-Bk-249  
 Cross Section -100.0 To 788.6 %



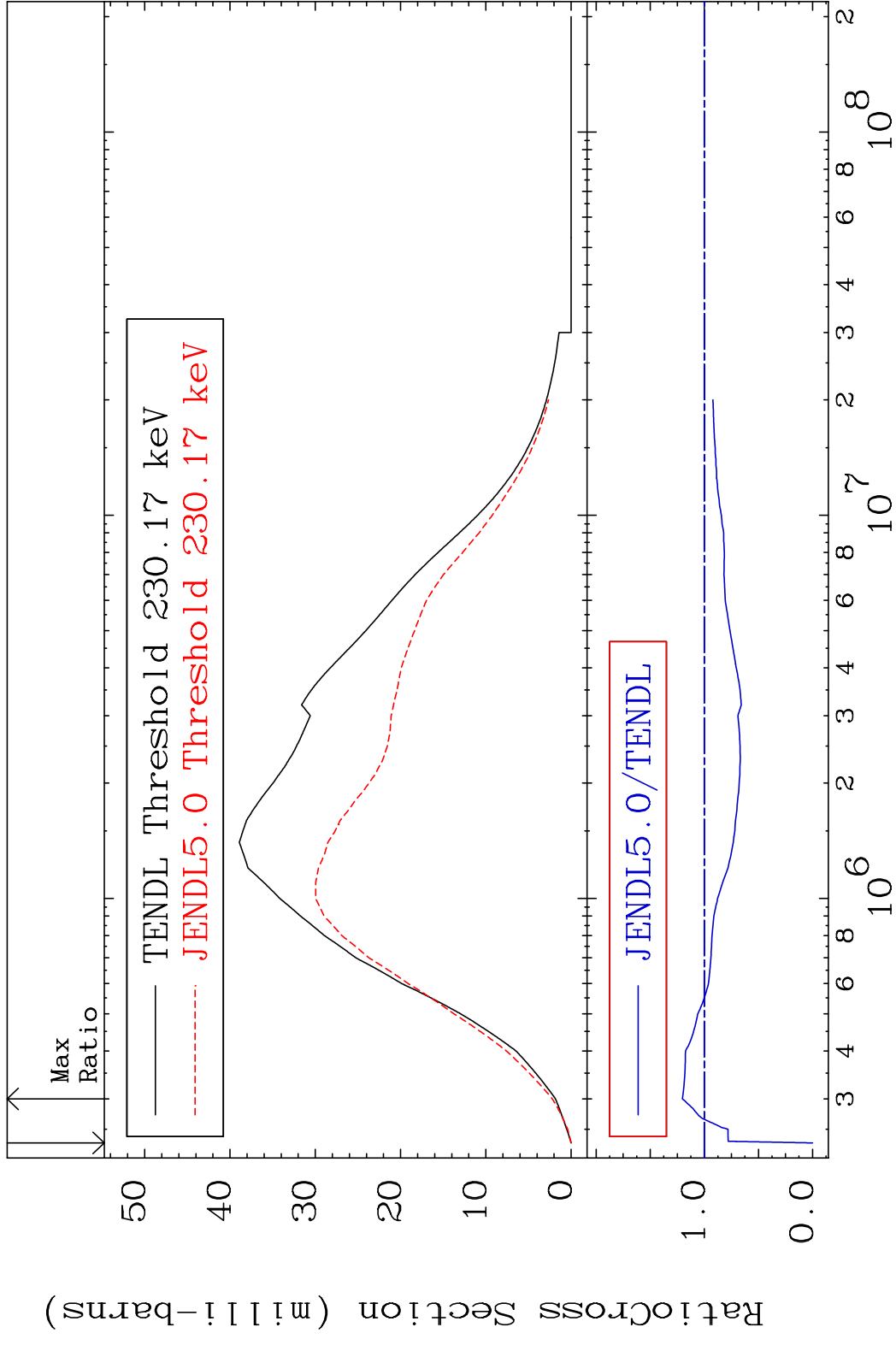
MAT 9752 MT= 57 (n, n') Level 97-Bk-249  
 Cross Section -39.59 To 24.16 %



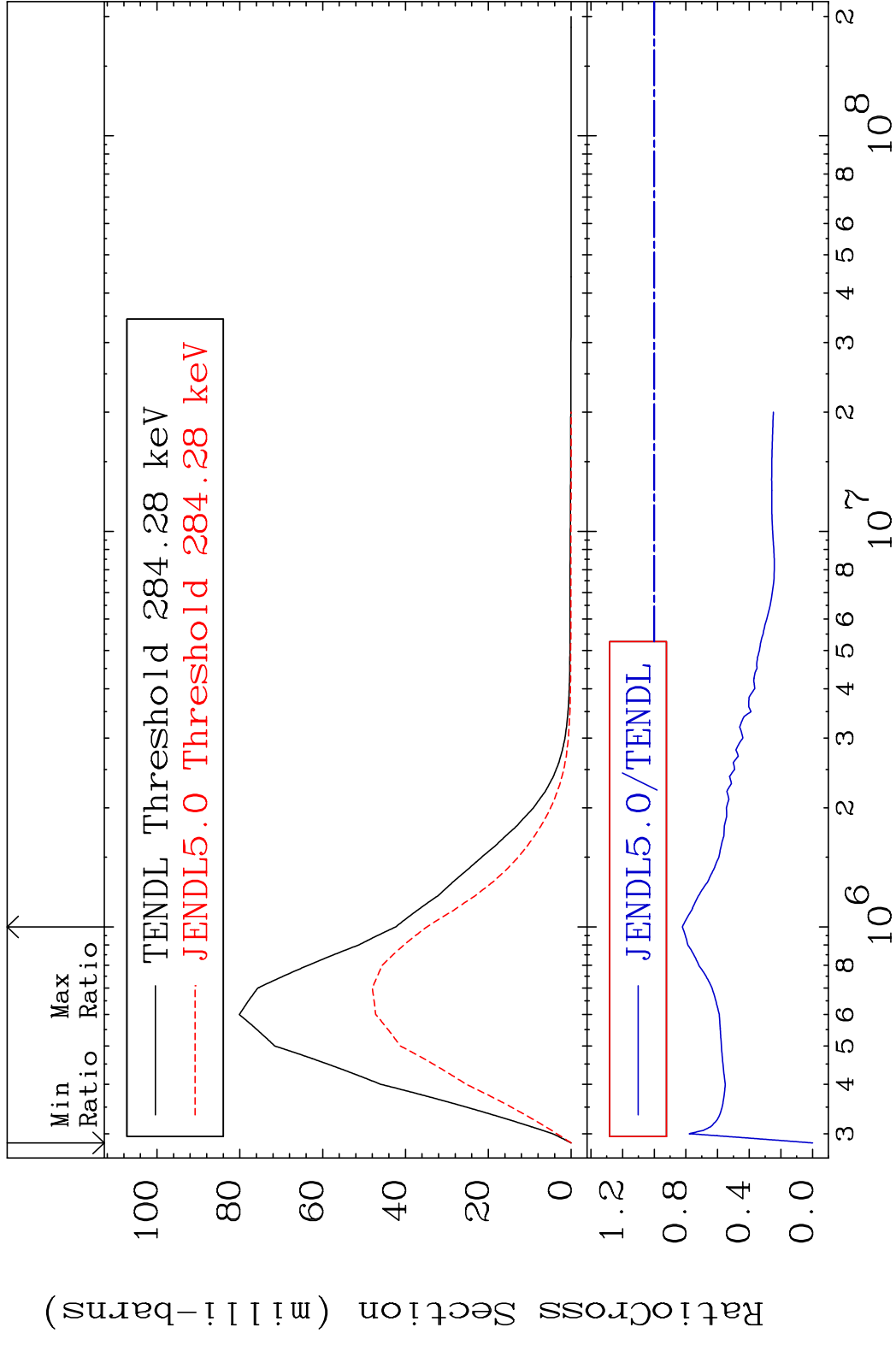
MAT 9752 MT= 58 (n, n') Level 97-Bk-249  
 Cross Section -89.82 To 54.02 %



MAT 9752 MT= 59 (n, n') Level 97-Bk-249  
 Cross Section -100.0 To 20.31 %



MAT 9752      MT= 60 (n,n') Level      97-Bk-249  
 Cross Section    -100.0 To -17.76%

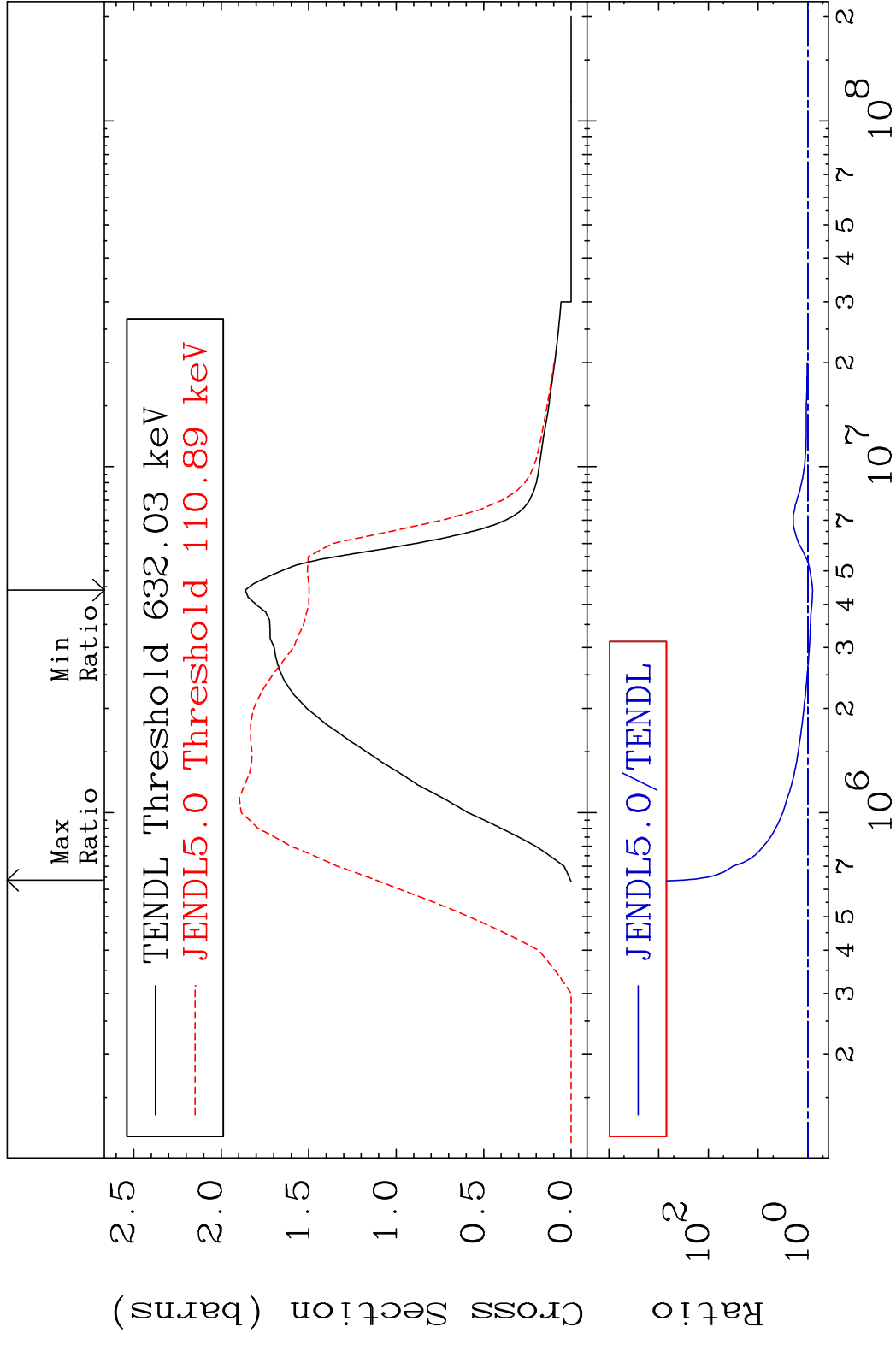


MAT 9752

(n, n') Continuum

97-Bk-249

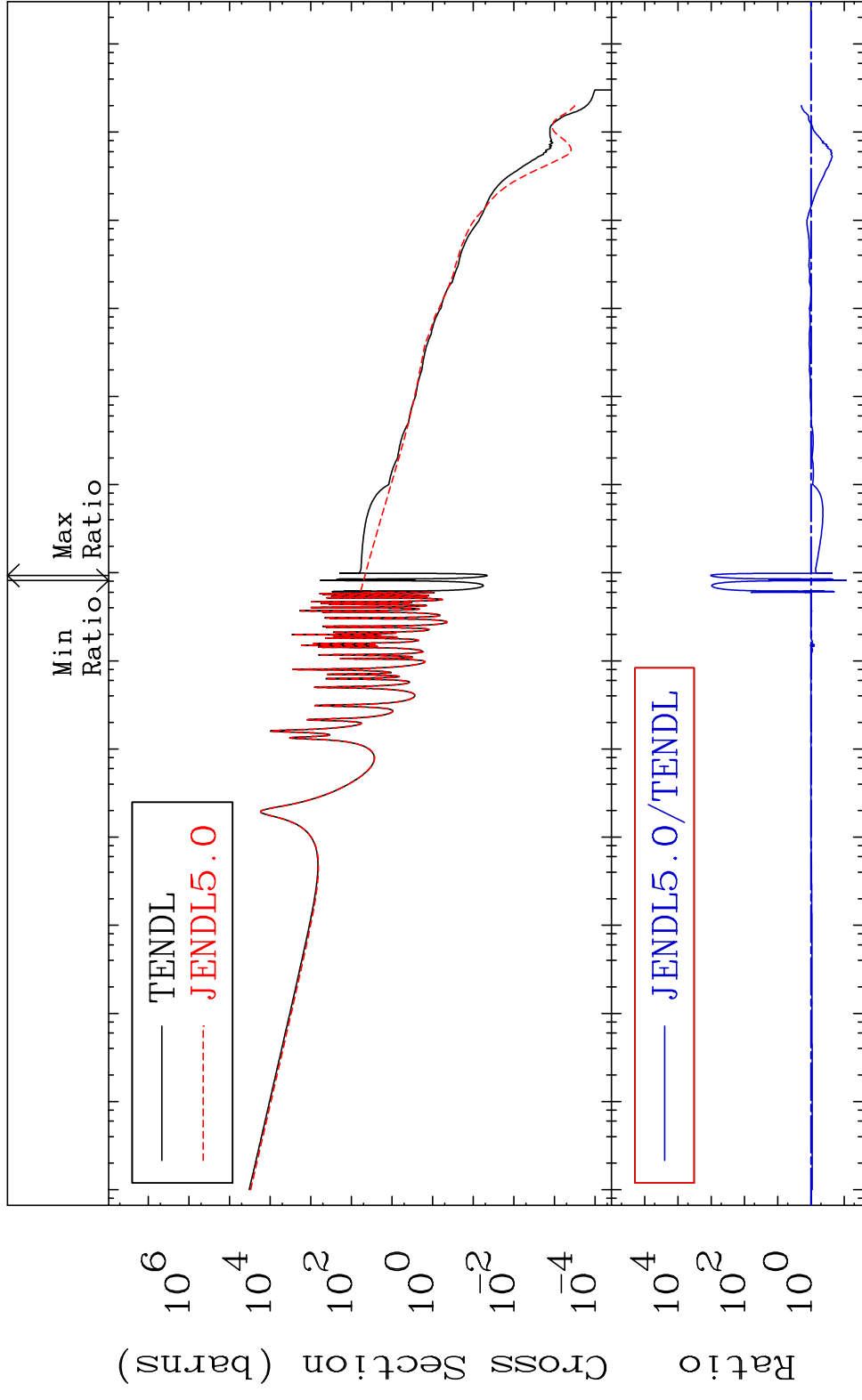
Cross Section -19.57 To 9999. %



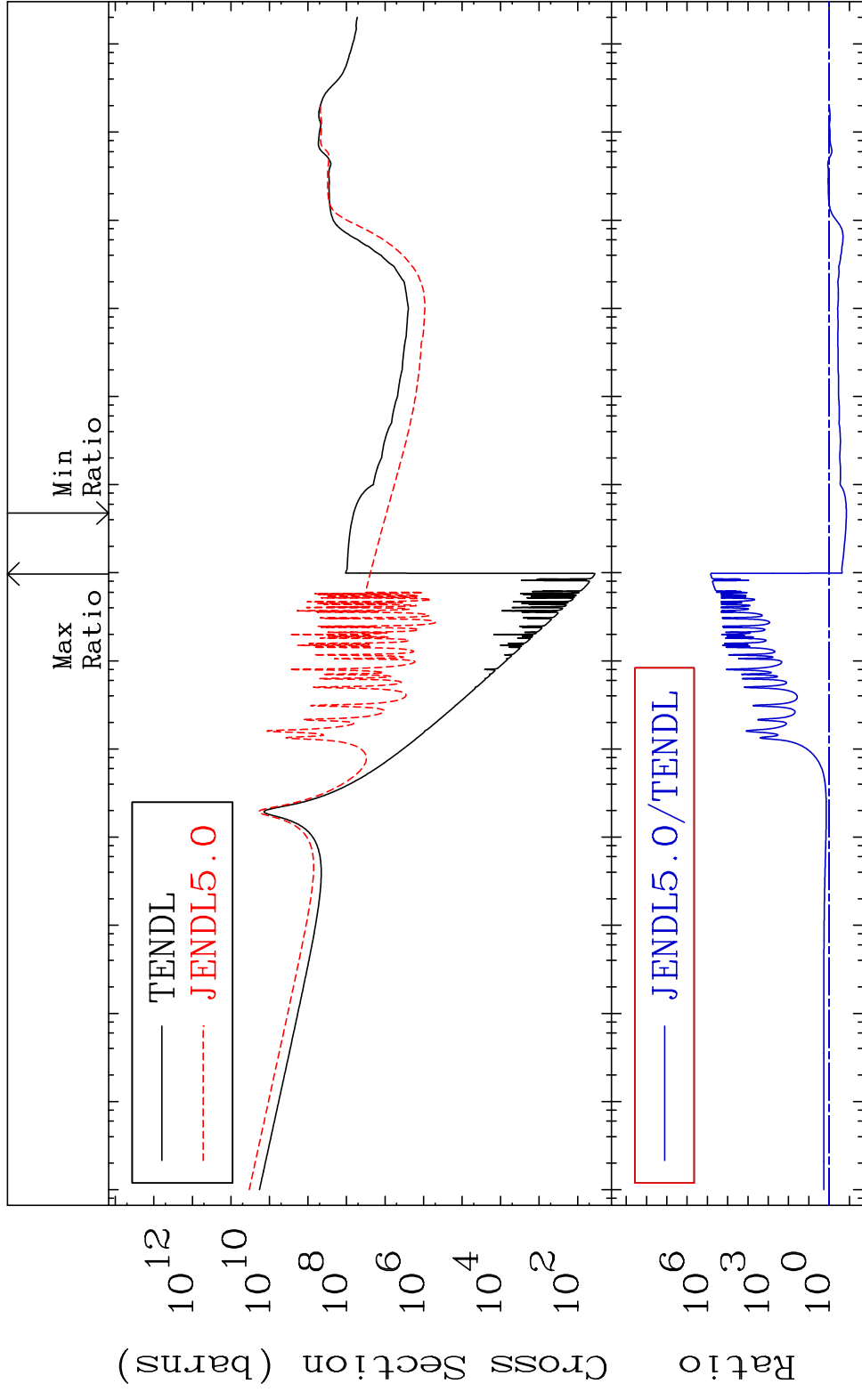
MAT 9752

(n,  $\gamma$ )  
Cross Section -91.38 To 9999. %

97-Bk-249



MAT 9752 Kerma total (eV-barns) 97-Bk-249  
 Cross Section -85.90 To 9999. %

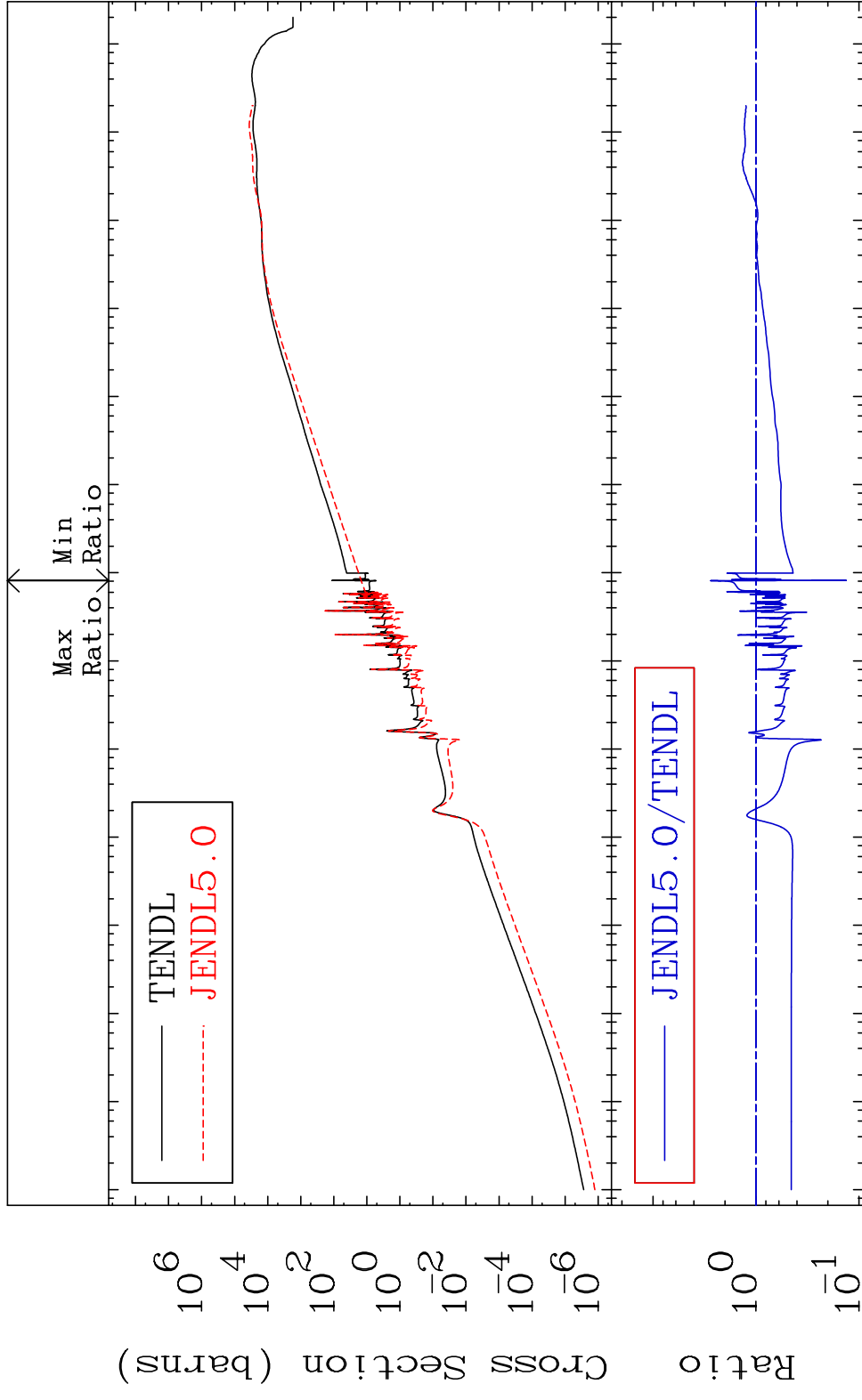


20 Incident Energy (eV) 97-Bk-249

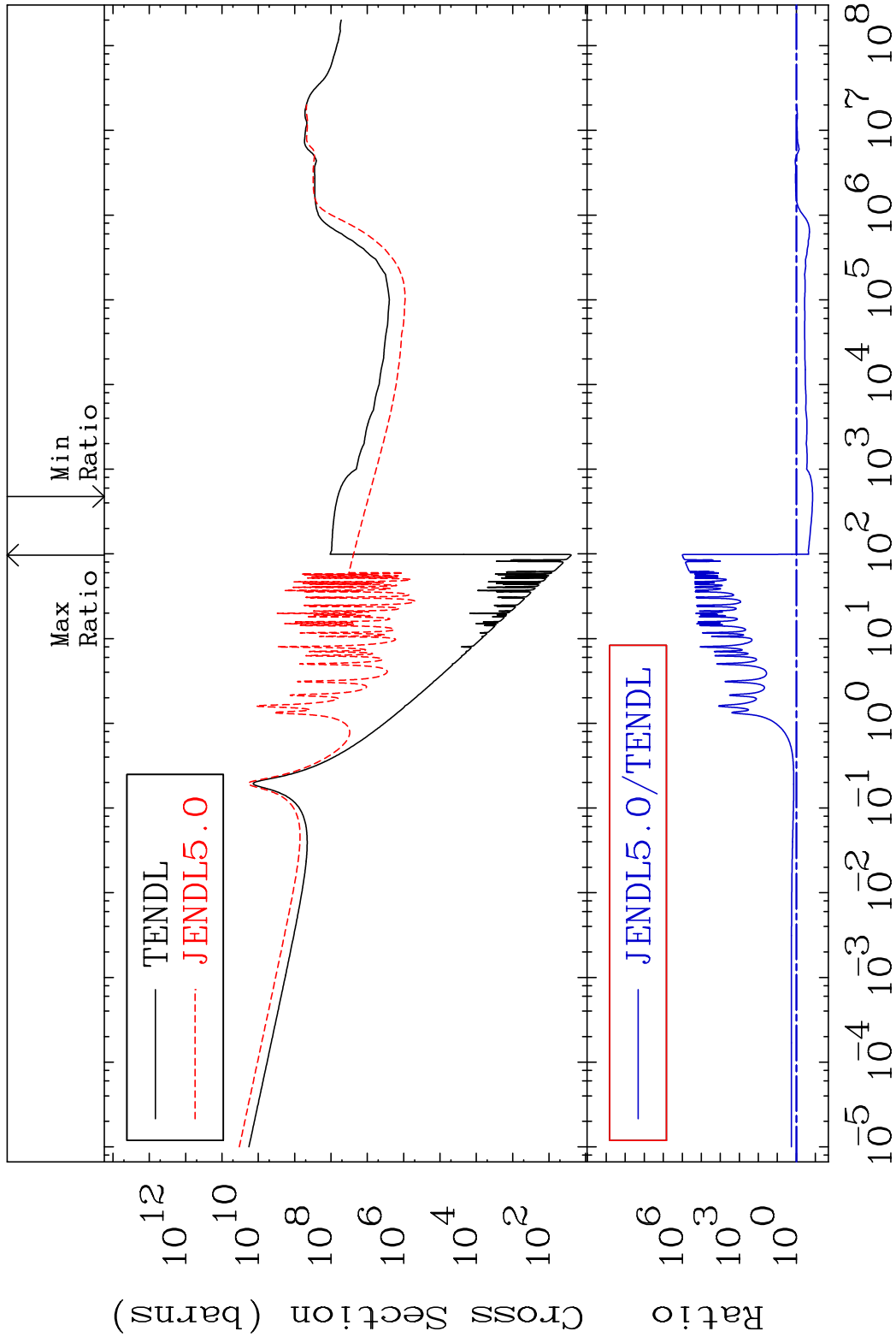
MAT 9752

Kerma elastic  
Cross Section

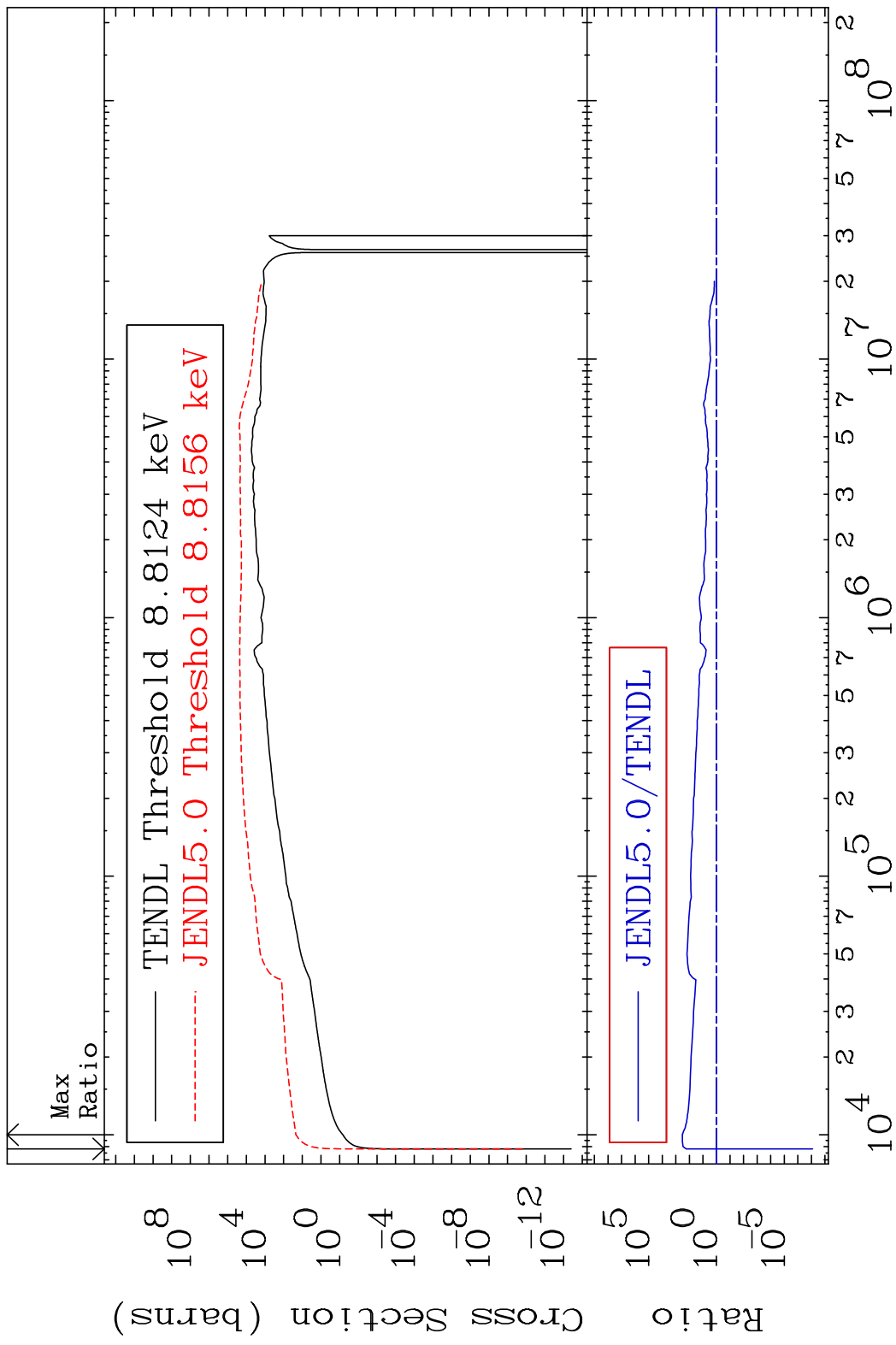
97-Bk-249  
-86.74 To 175.0 %



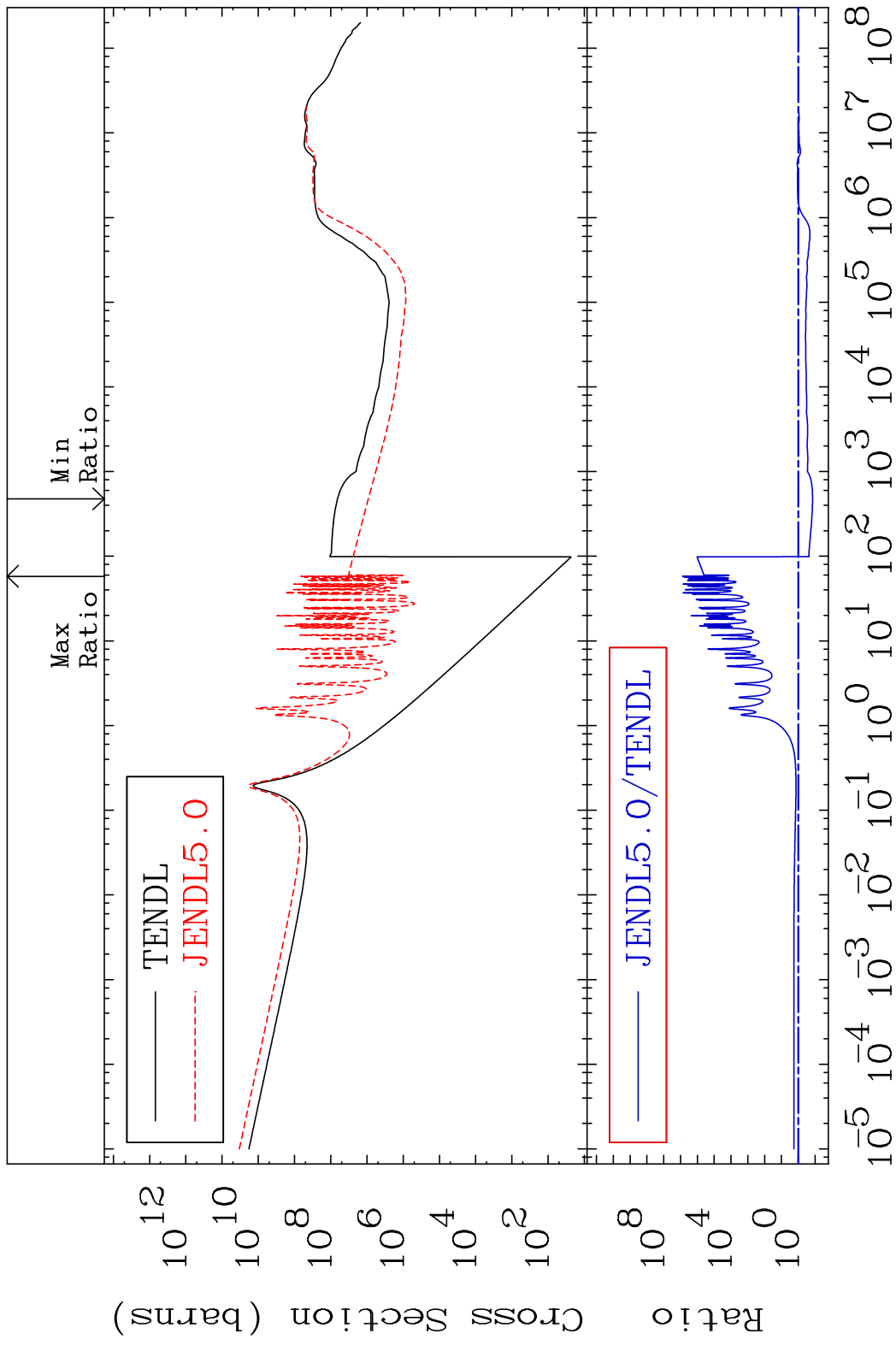
MAT 9752 Kerma non-elastic (all but mt2) 97-Bk-249  
 Cross Section -85.90 To 9999. %



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

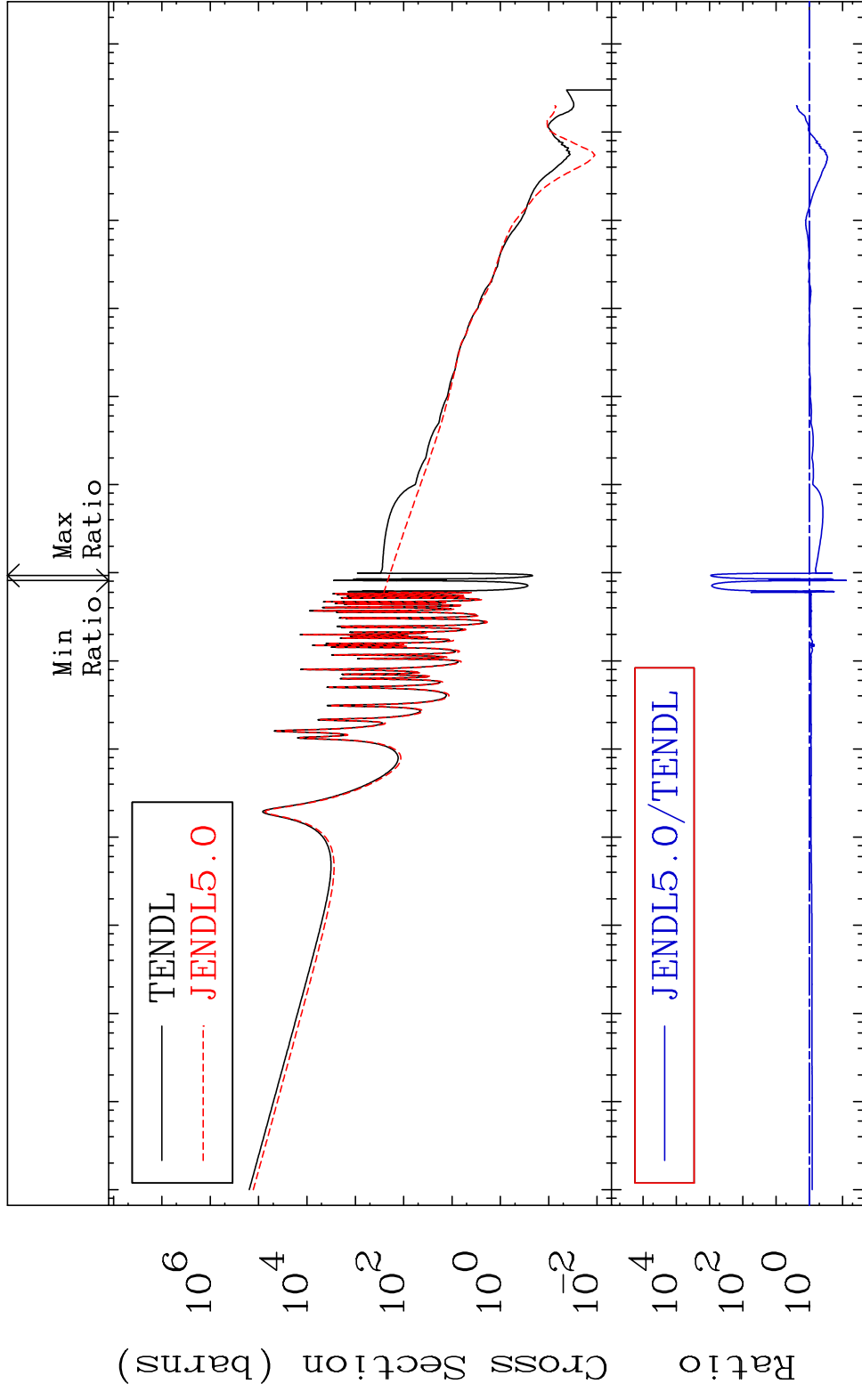


MAT 9752 Kerma fission (mt18 or mt19-20-21-38) 97-Bk-249  
 Cross Section -85.90 To 9999. %



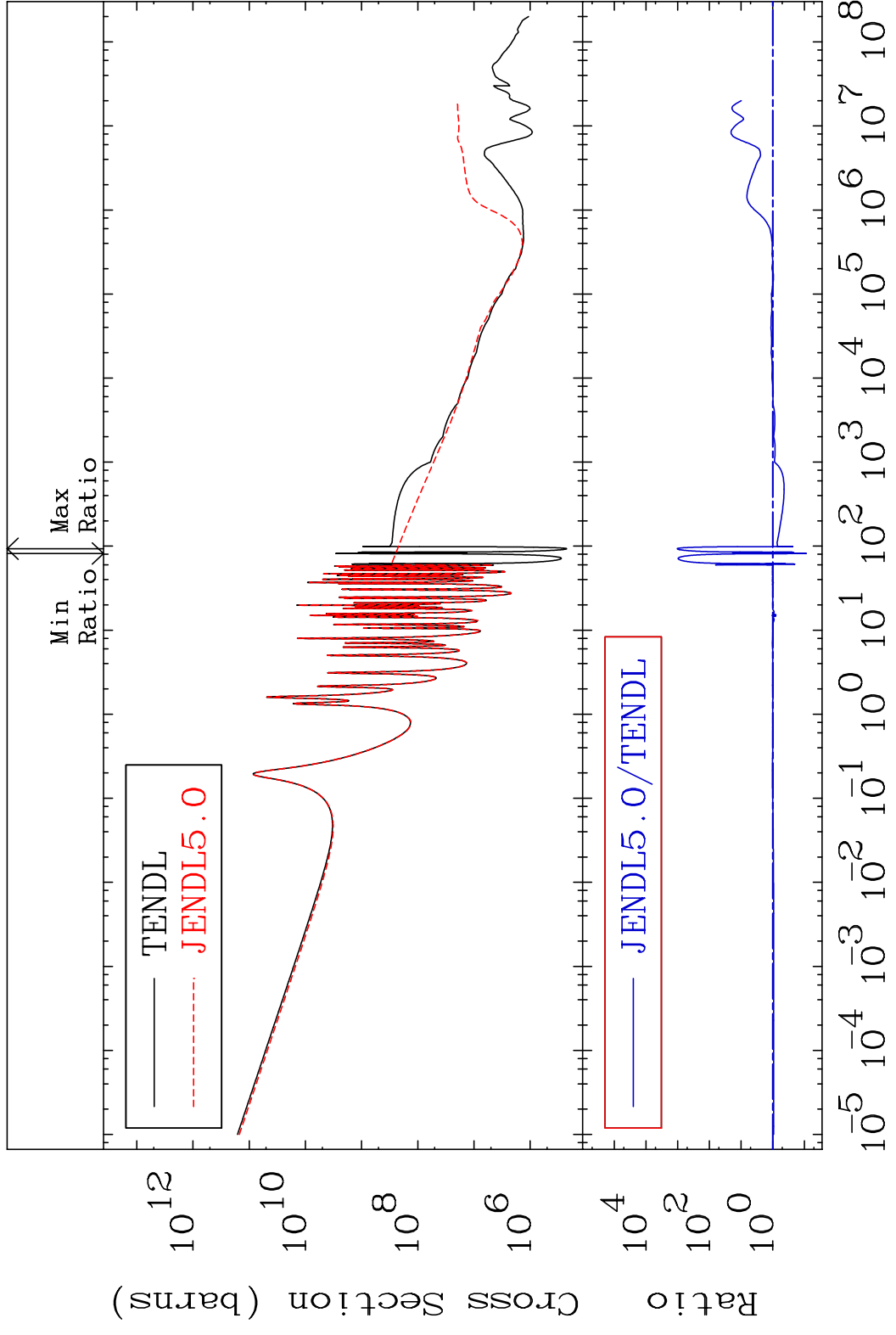
MAT 9752

Kerma capture (mt102) 97-Bk-249  
Cross Section -92.31 To 9999. %

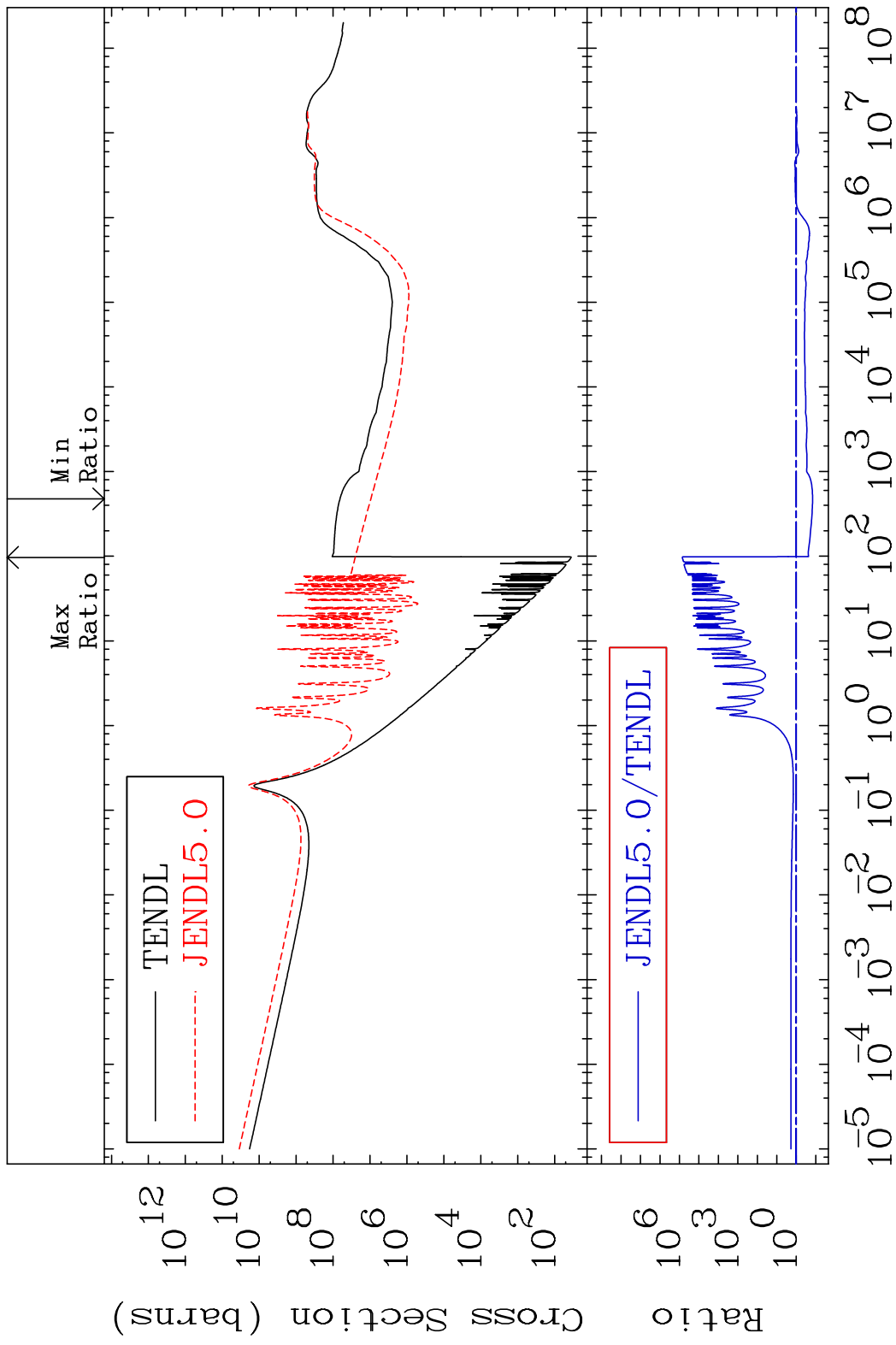


MAT 9752

Total photon (eV-barns) 97-Bk-249  
Cross Section -91.38 To 9999. %



MAT 9752 Total kinematic kerma (high limit) 97-Bk-249  
 Cross Section -85.40 To 9999. %

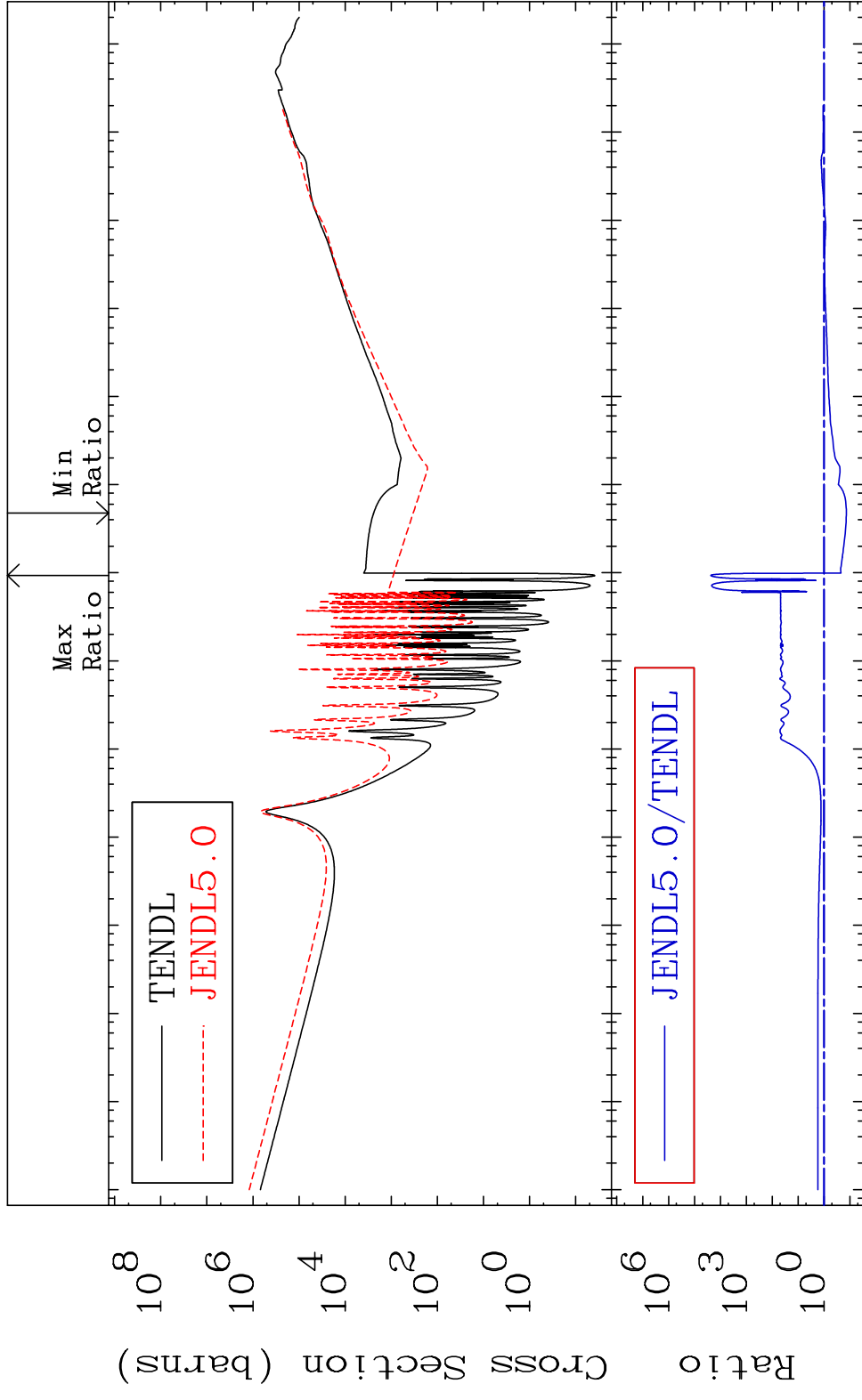


MAT 9752

Dpa total (eV-barns)

97-Bk-249

Cross Section -86.16 To 9999. %

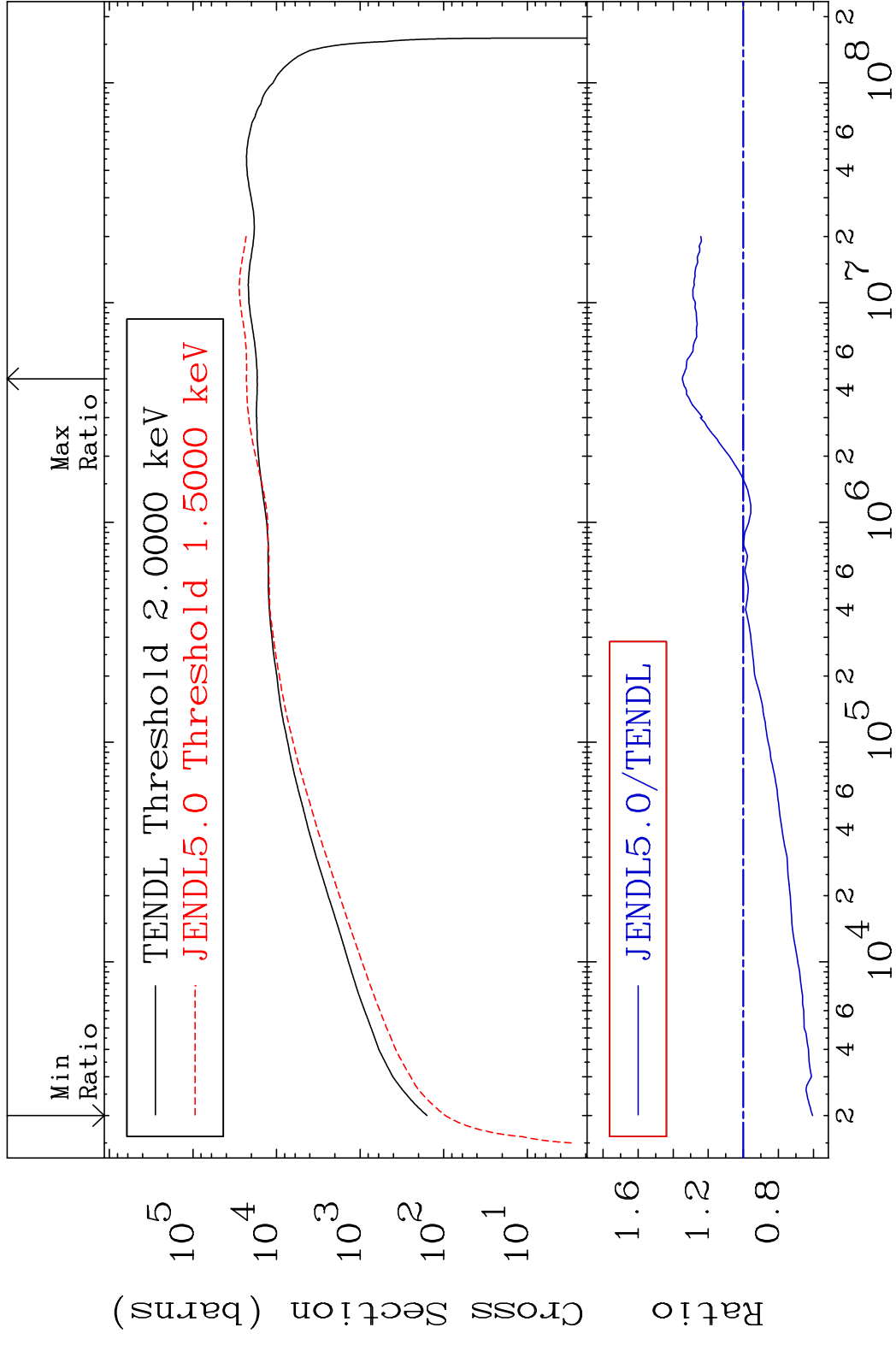


MAT 9752

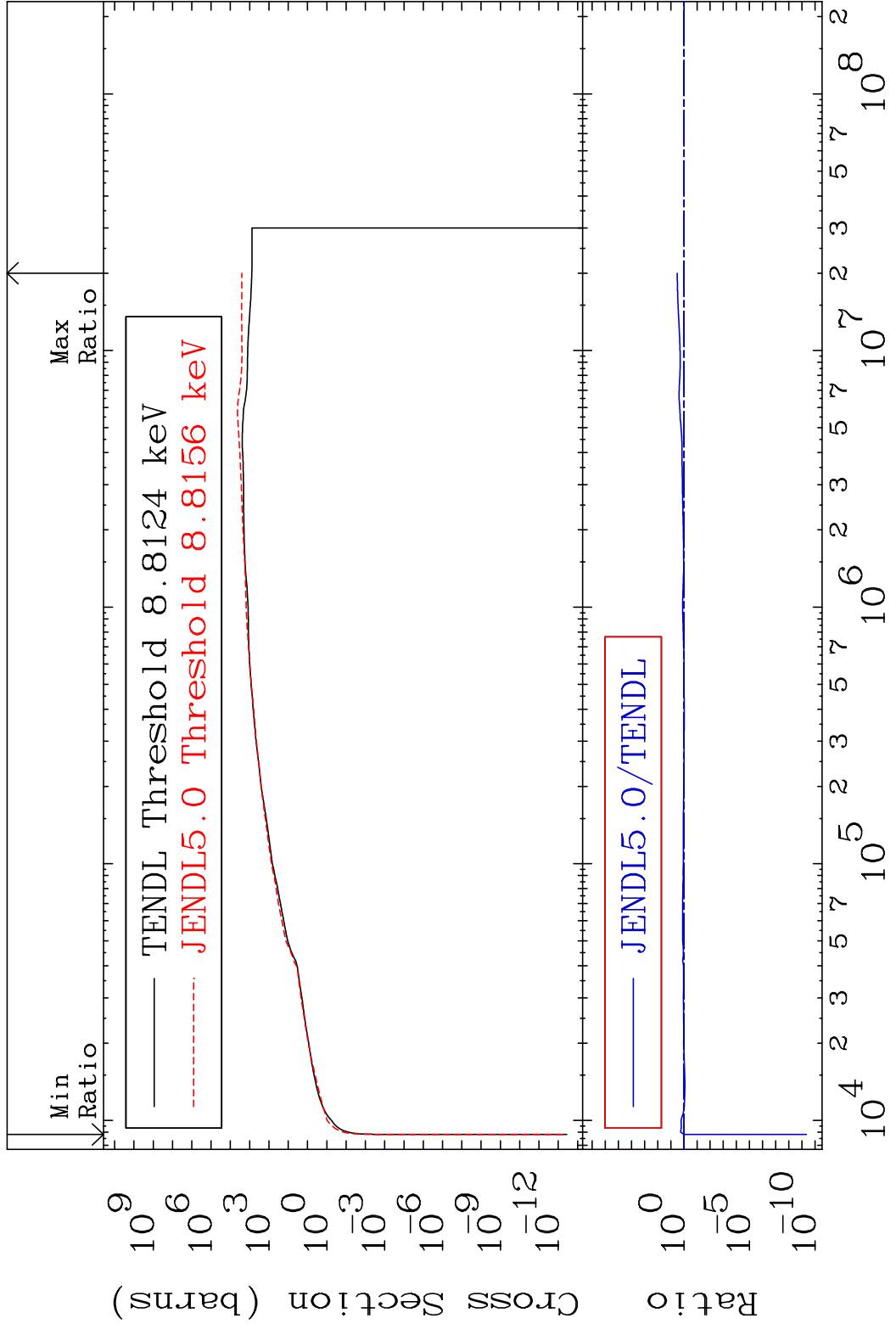
Dpa elastic (mt2)

97-Bk-249

Cross Section -39.44 To 34.76 %

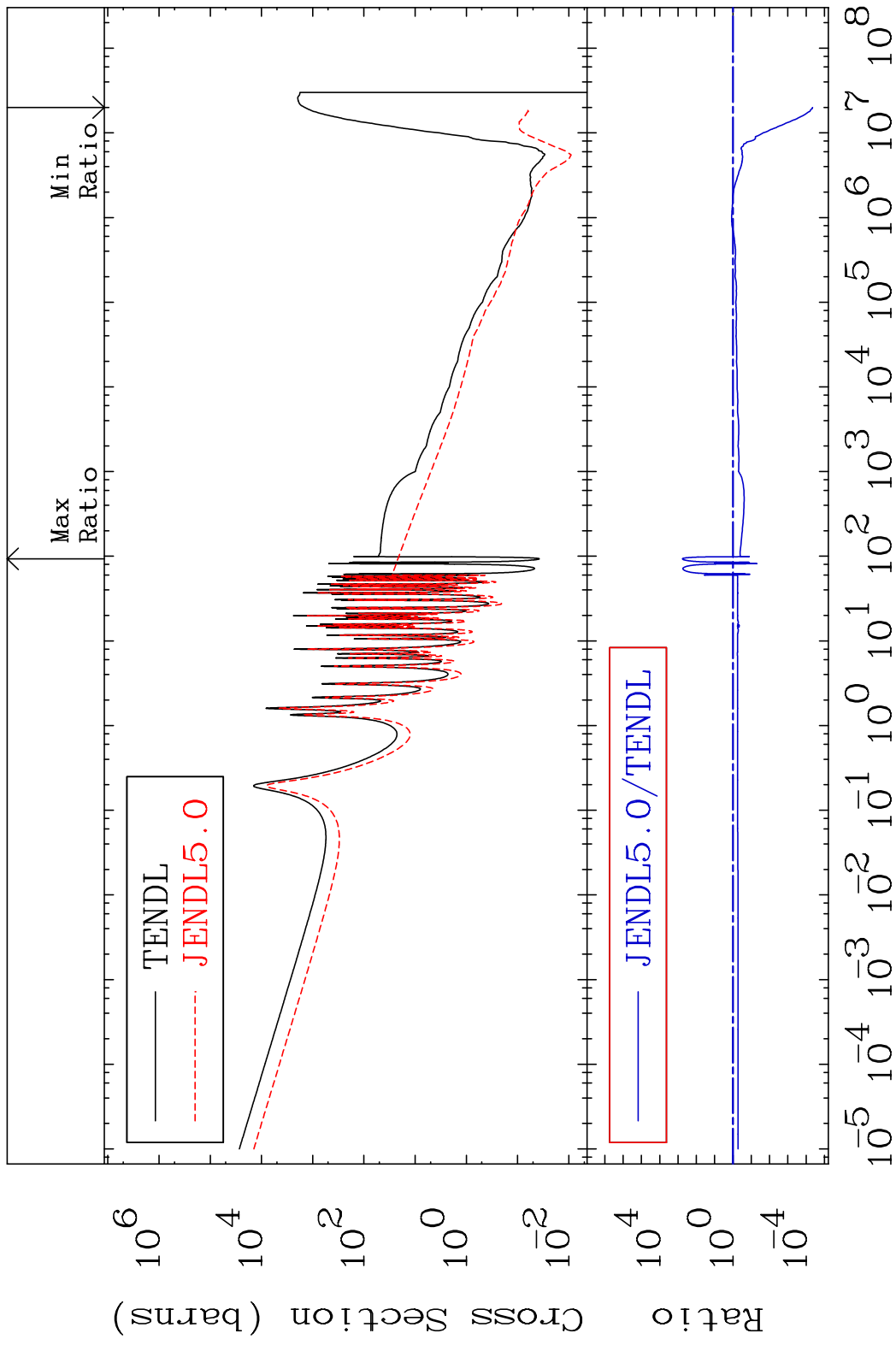


MAT 9752      Dpa inelastic (mt51-91)      97-Bk-249  
 Cross Section      -100.0 To 226.9 %



30      Incident Energy (eV)      97-Bk-249

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

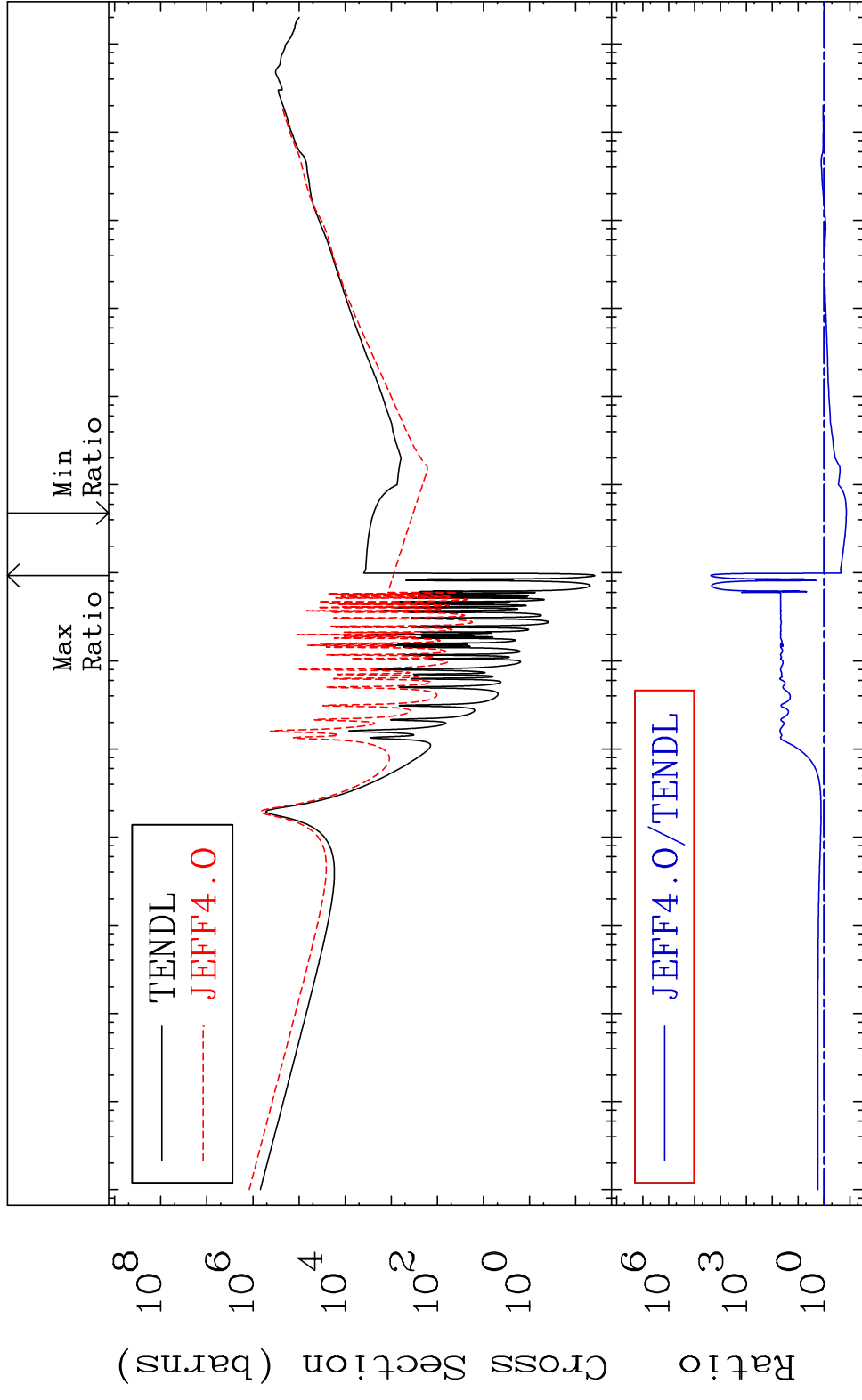


MAT 9752

Dpa total (eV-barns)

97-Bk-249

Cross Section -86.16 To 9999. %

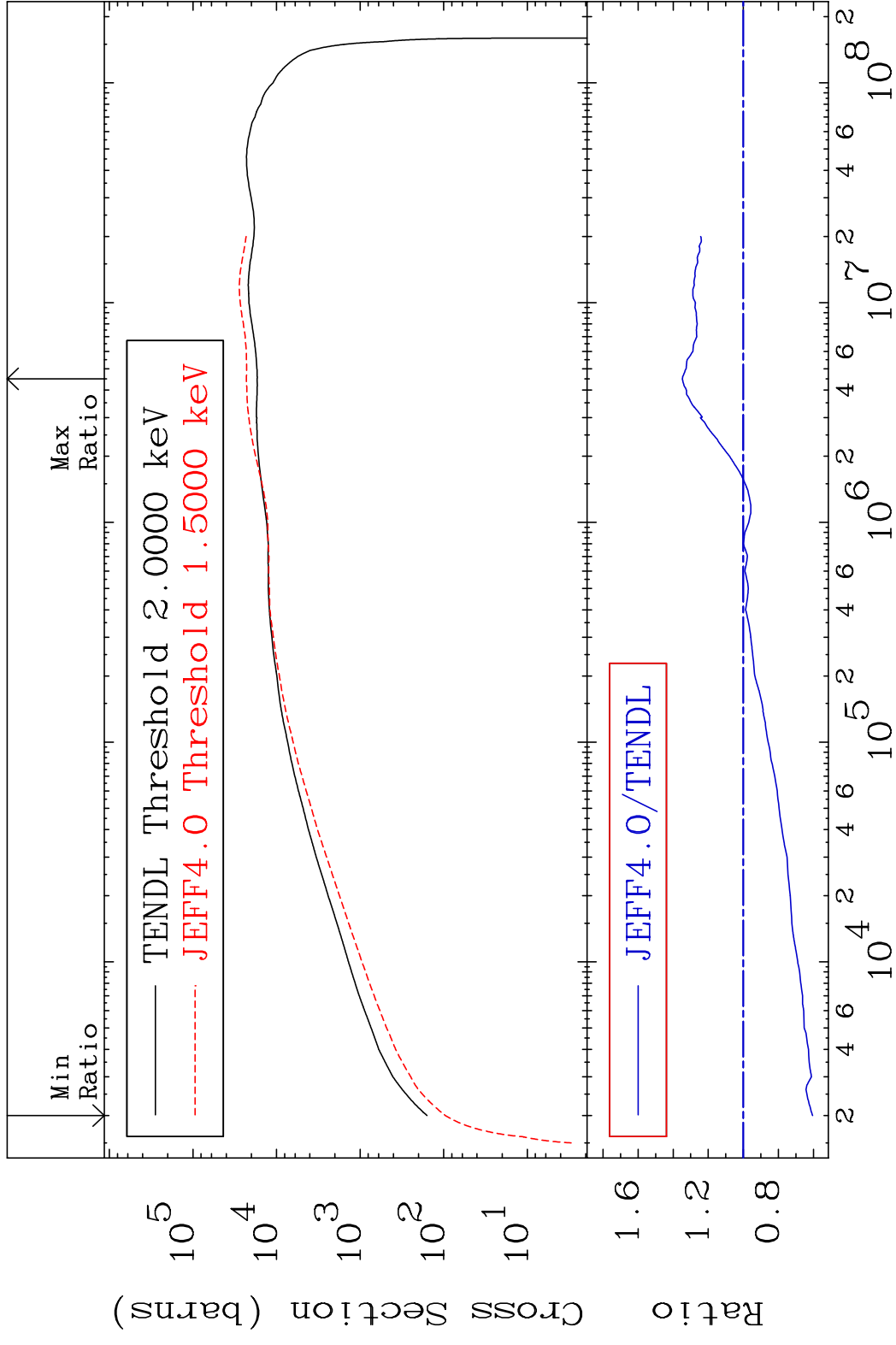


MAT 9752

Dpa elastic (mt2)

97-Bk-249

Cross Section -39.44 To 34.76 %

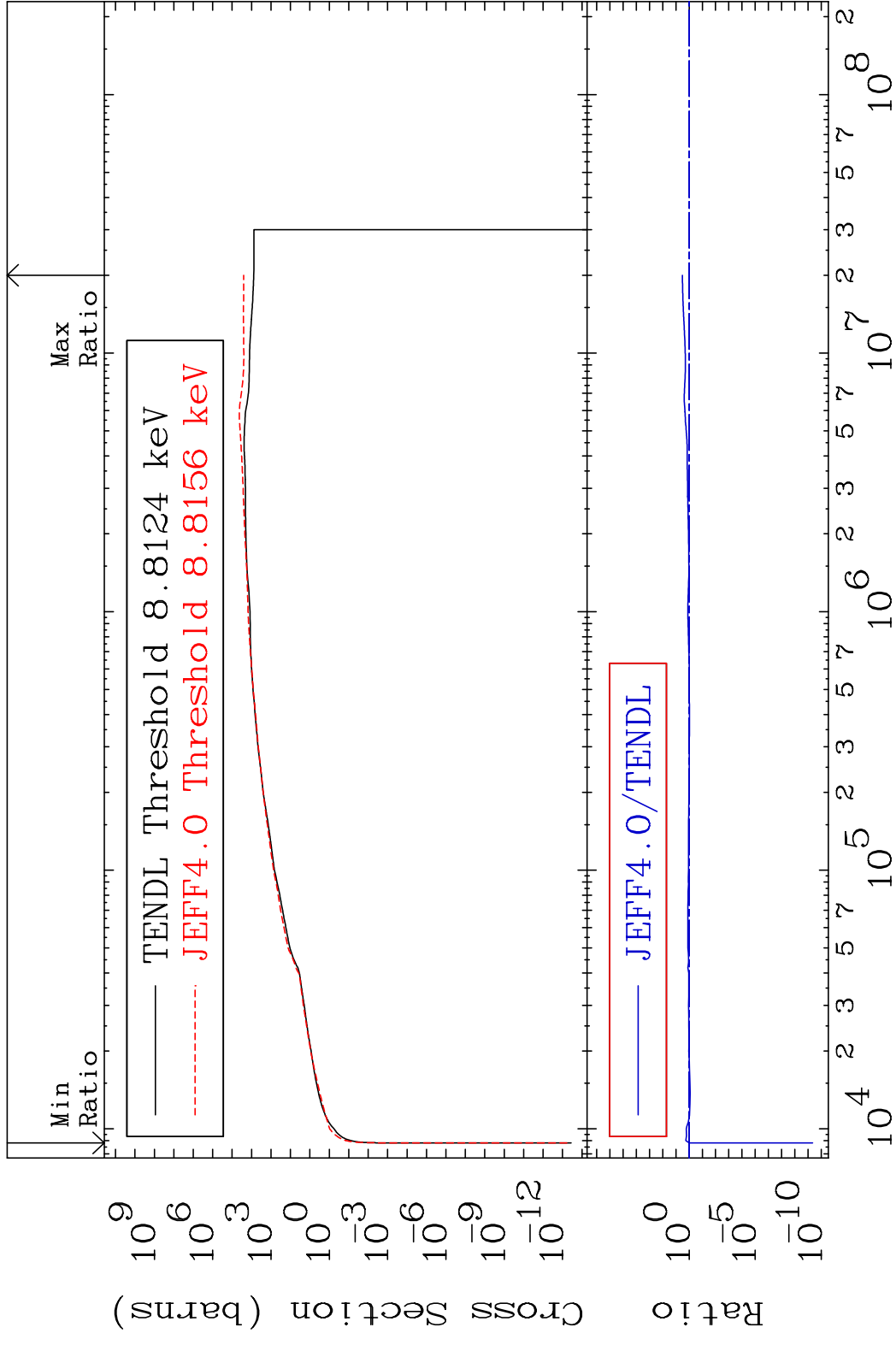


MAT 9752

Dpa inelastic (mt51-91)

97-Bk-249

Cross Section -100.0 To 226.9 %



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

