

Program Complot  
(Version 2018-1)

by

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(Present Contact Information)

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U.S.A.

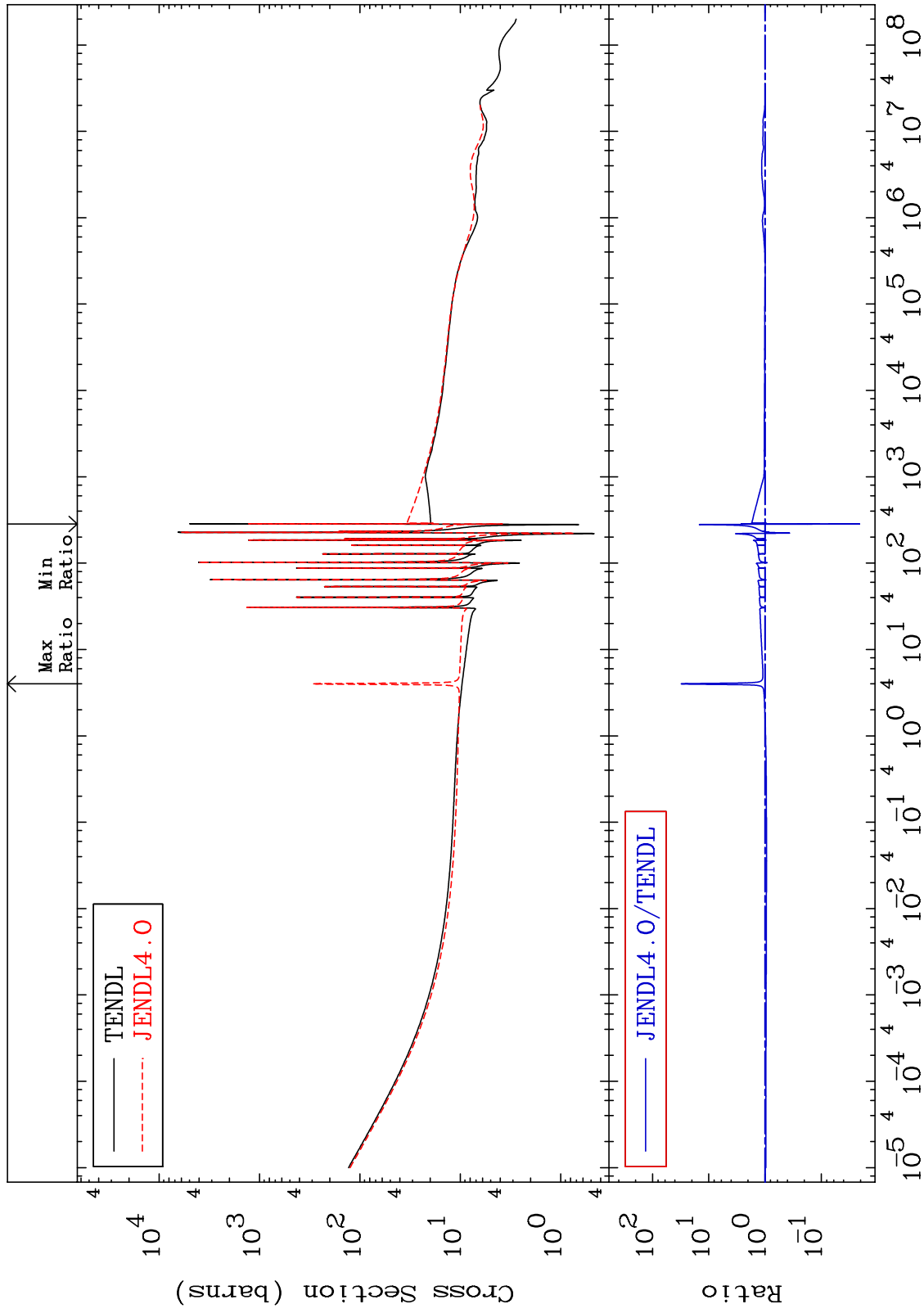
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9452

Total Cross Section  
94-Pu-244  
-97.93 To 2985. %



1

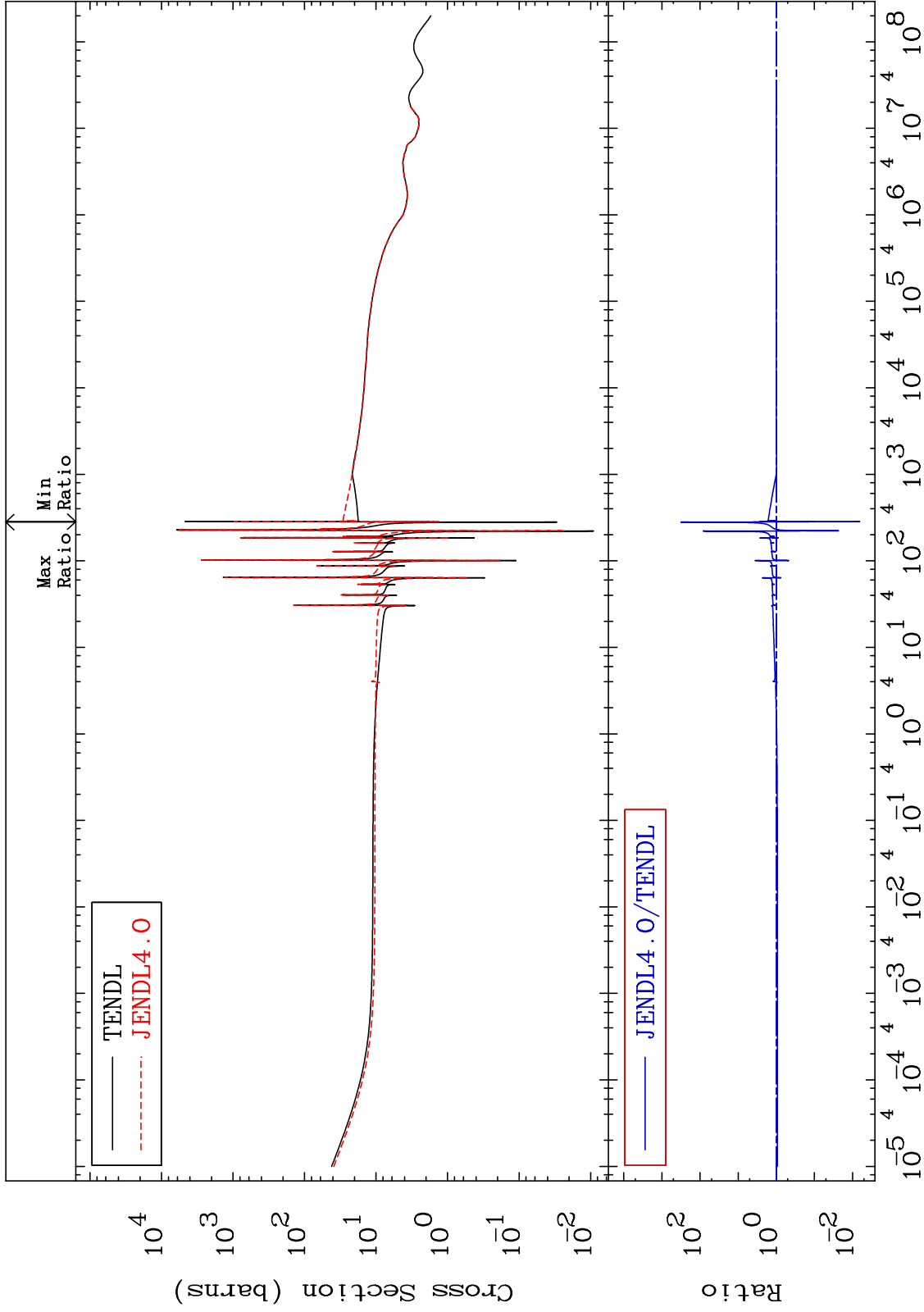
Incident Energy (eV)

94-Pu-244

MAT 9452

Elastic  
Cross Section

94-Pu-244  
-99.35 To 9999. %



2

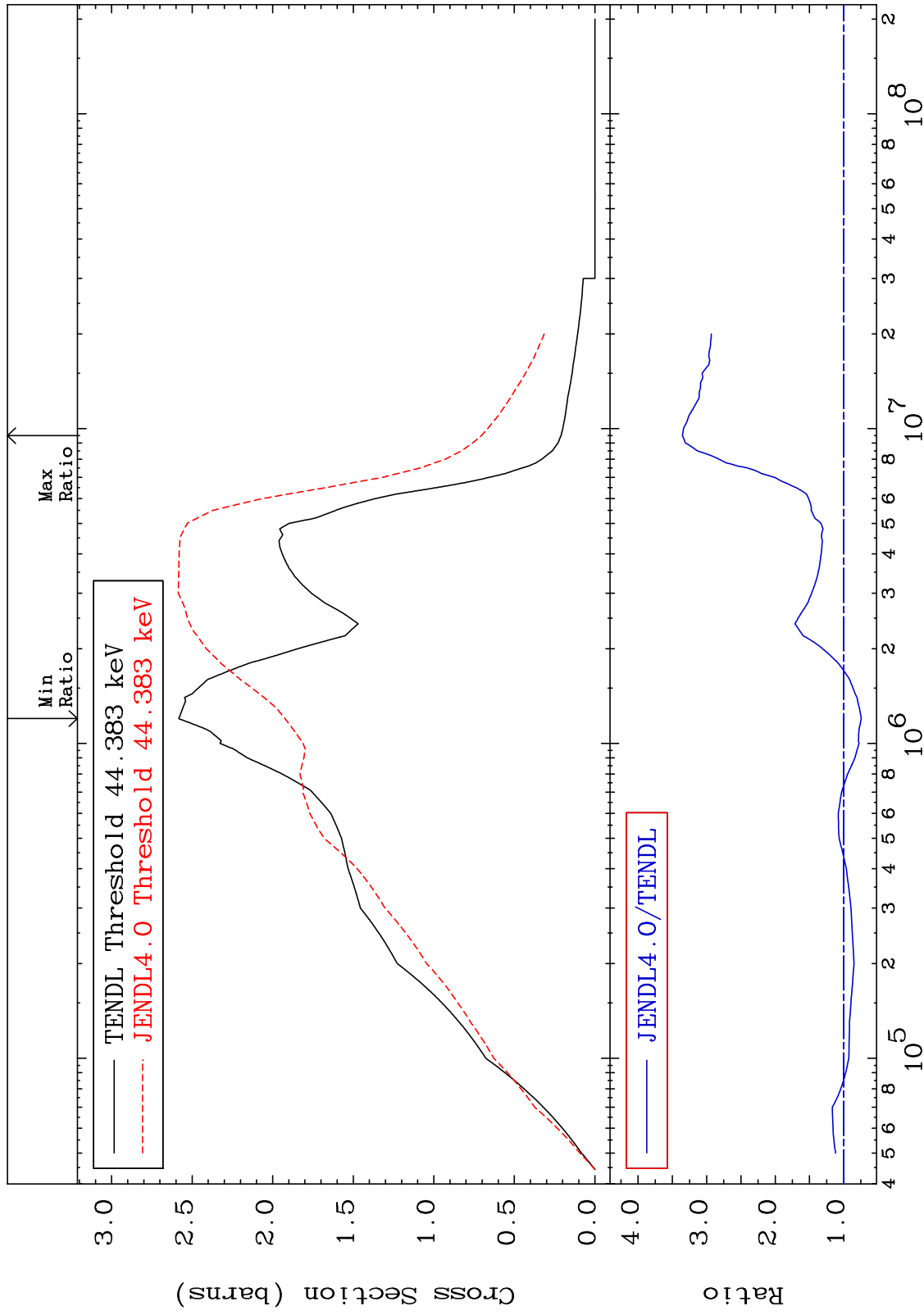
Incident Energy (eV)

94-Pu-244

MAT 9452

Inelastic  
Cross Section

94-Pu-244  
-25.57 To 235.3 %

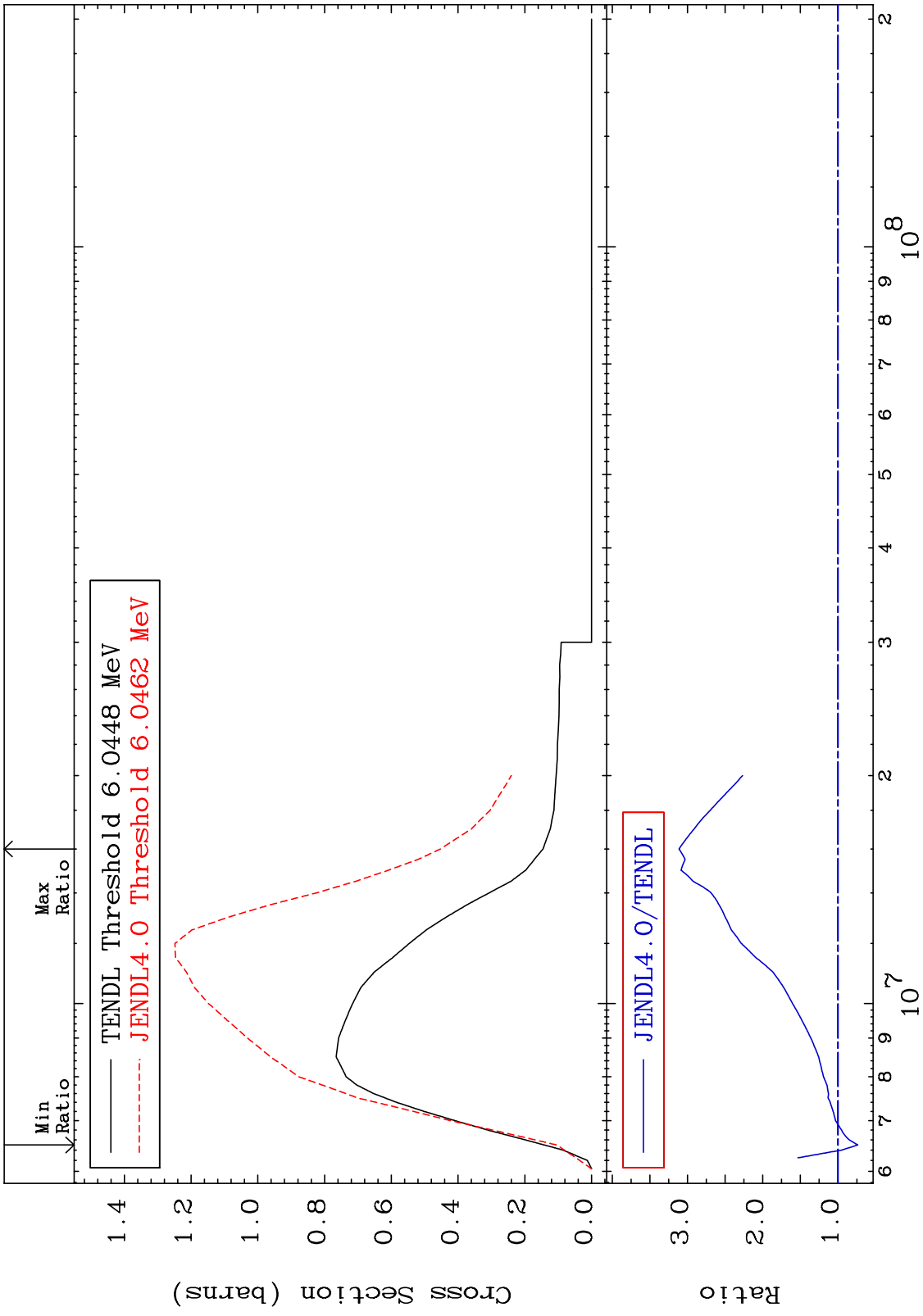


3

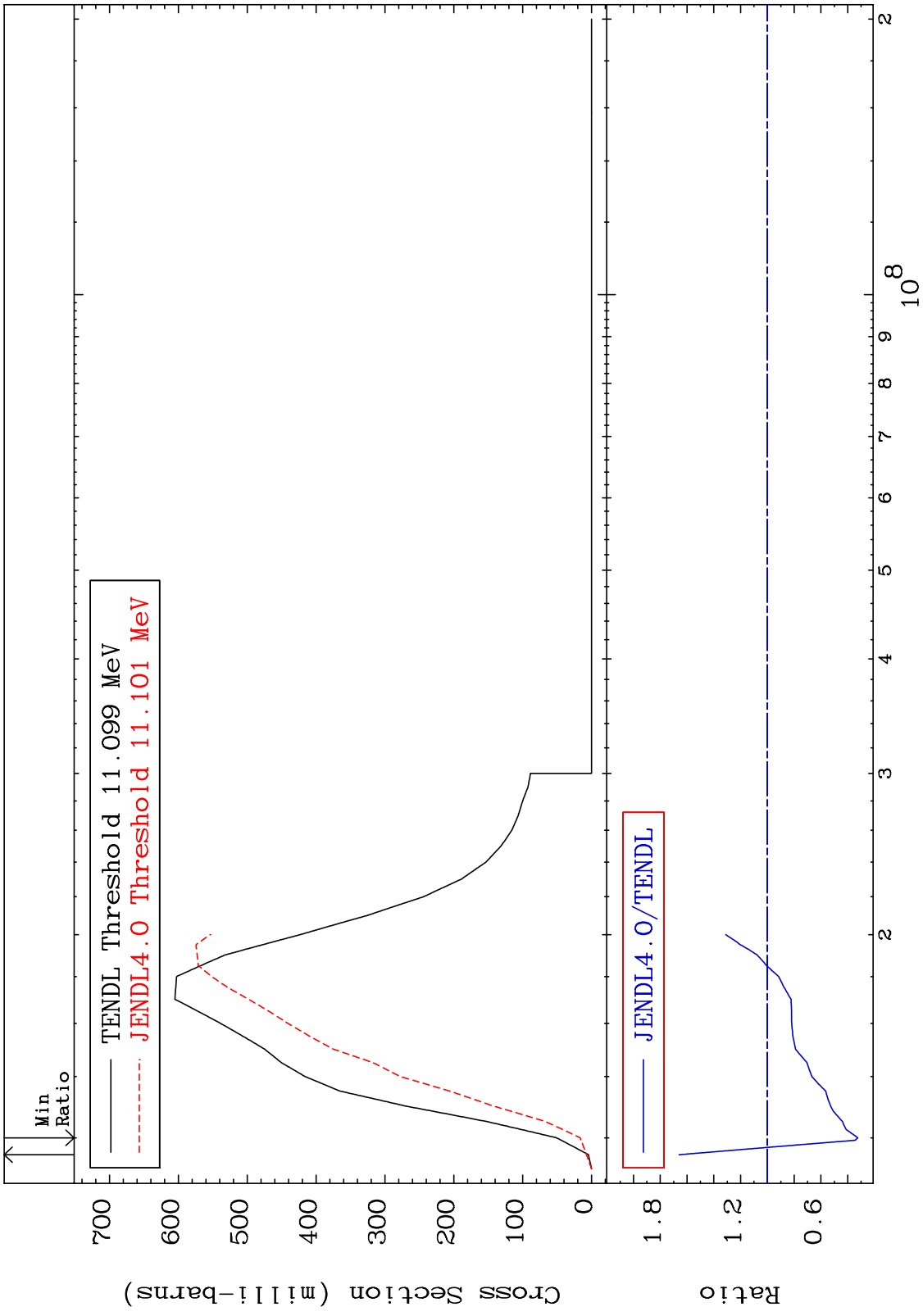
Incident Energy (eV)

94-Pu-244

MAT 9452 94-Pu-244  
-26.35 To 211.2 %  
 (n,2n)  
 Cross Section



MAT 9452 (n,3n) Cross Section 94-Pu-244 -67.57 To 65.97 %



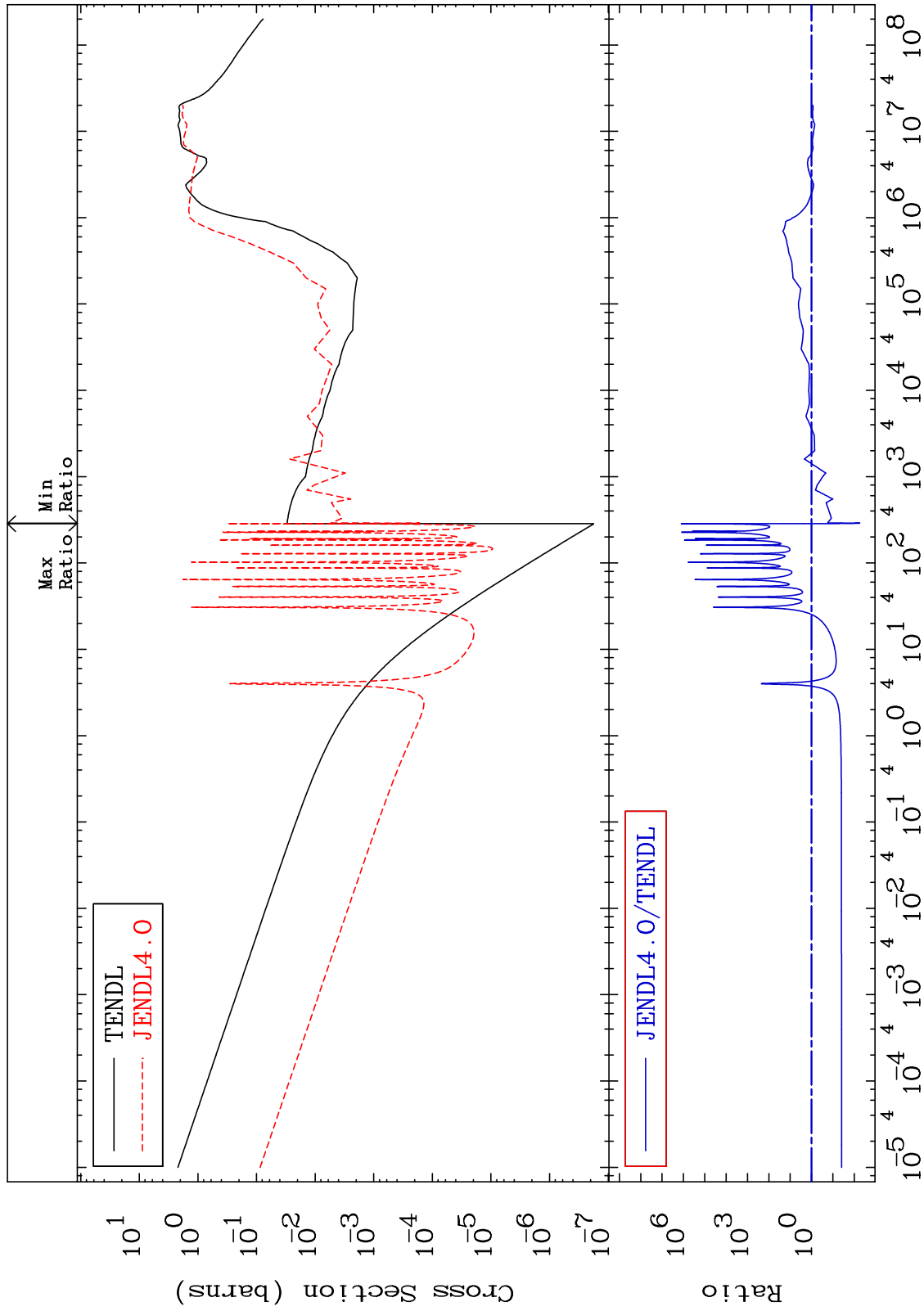
MAT 9452

Fission

94-Pu-244

Cross Section

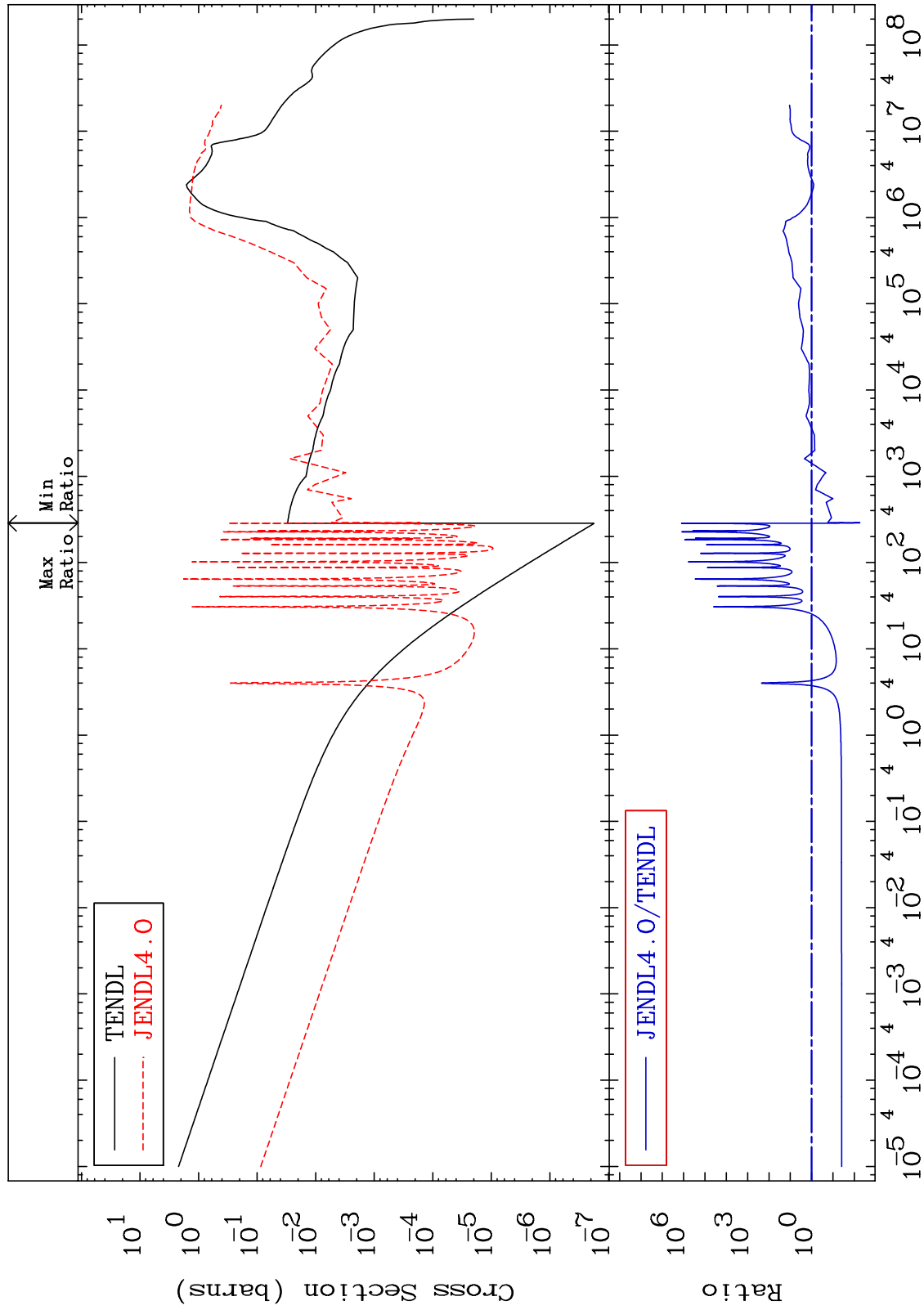
-99.45 To 9999. %



MAT 9452

(n,f) First Chance  
Cross Section

94-Pu-244  
-99.45 To 9999. %



7

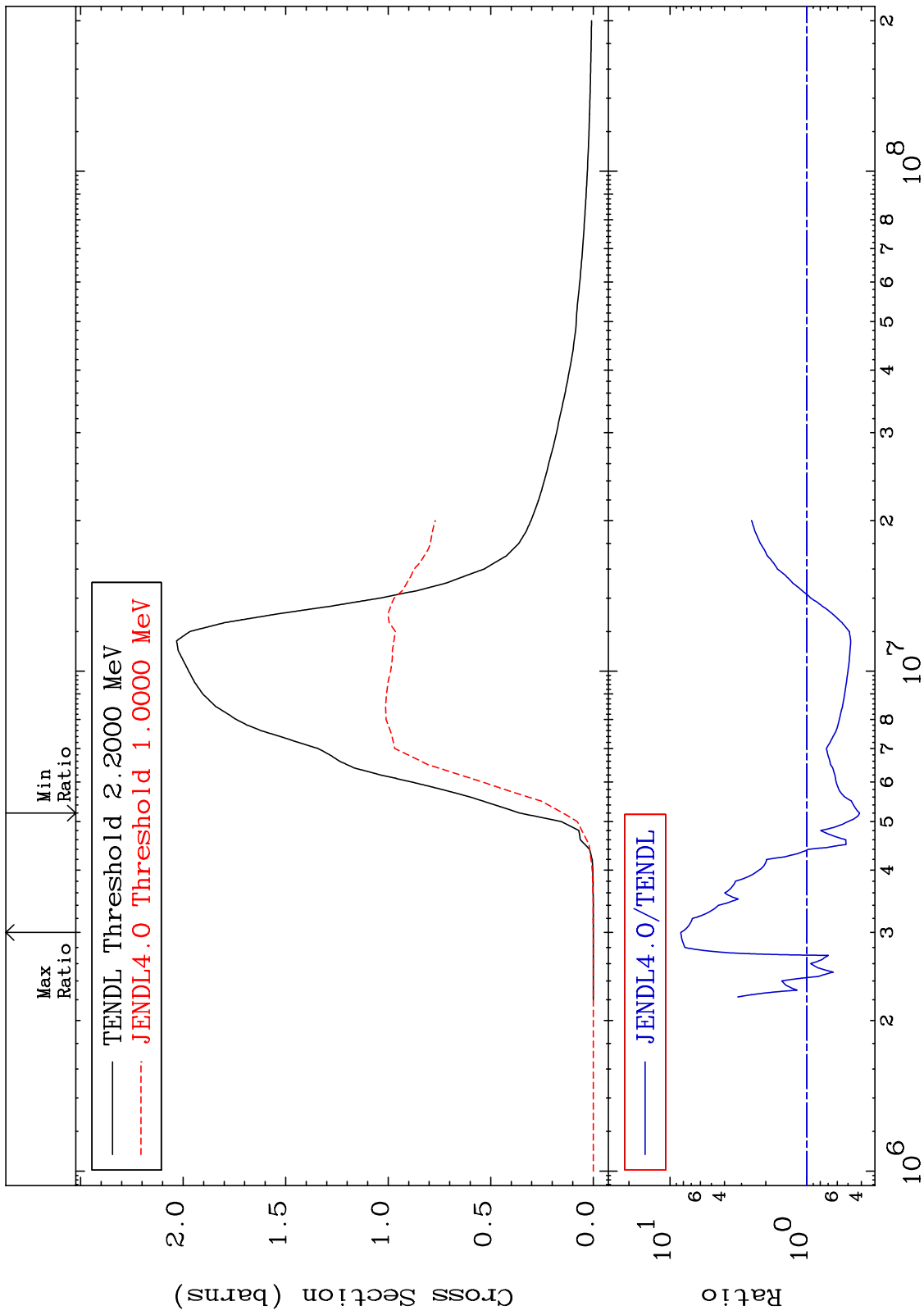
Incident Energy (eV)

94-Pu-244

MAT 9452

(n, nf) Second Chance  
Cross Section

94-Pu-244  
-58.83 To 734.6 %



8

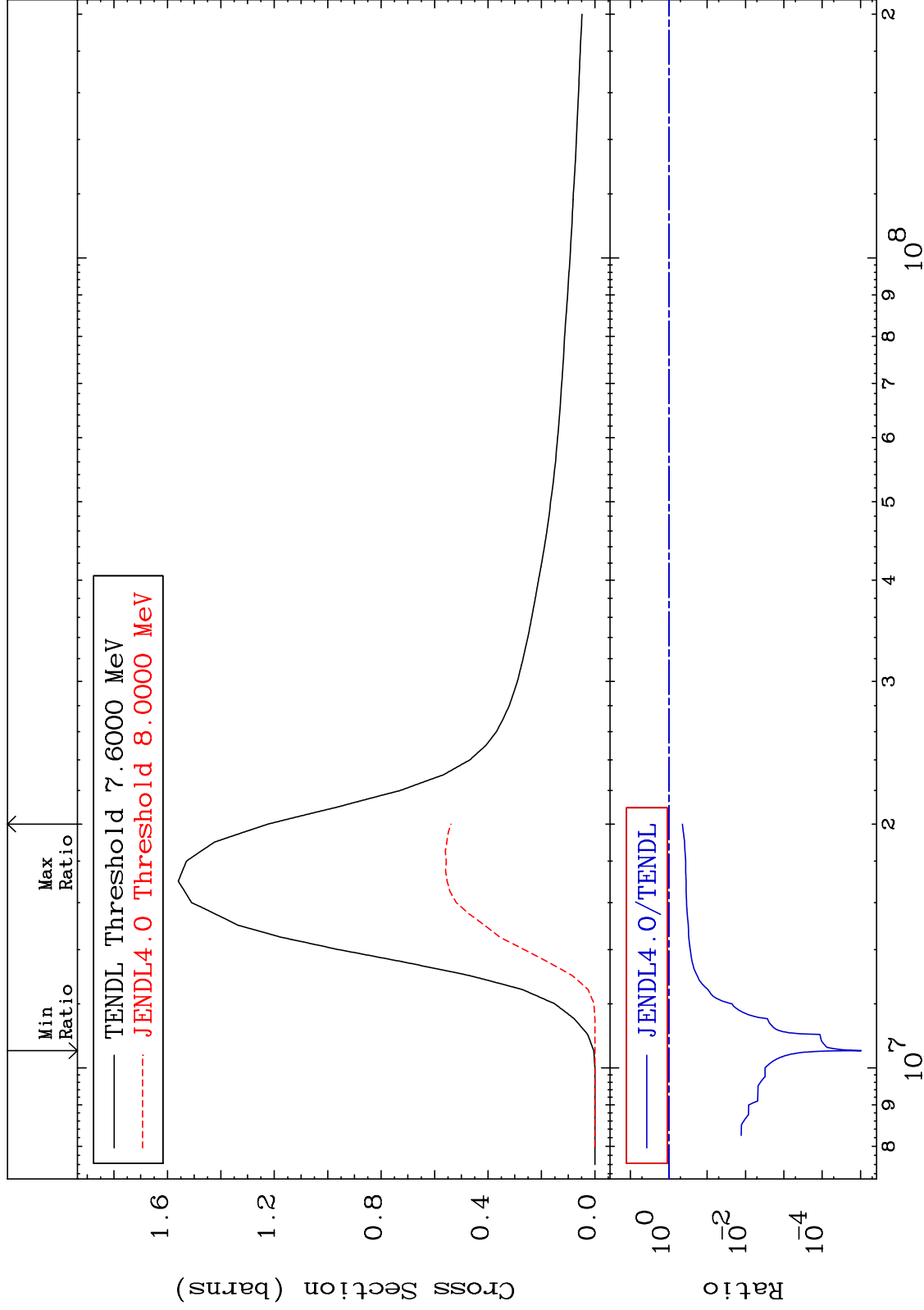
Incident Energy (eV)

94-Pu-244

MAT 9452

(n,2nf) Third Chance  
Cross Section

94-Pu-244  
-100.0 To -55.97%

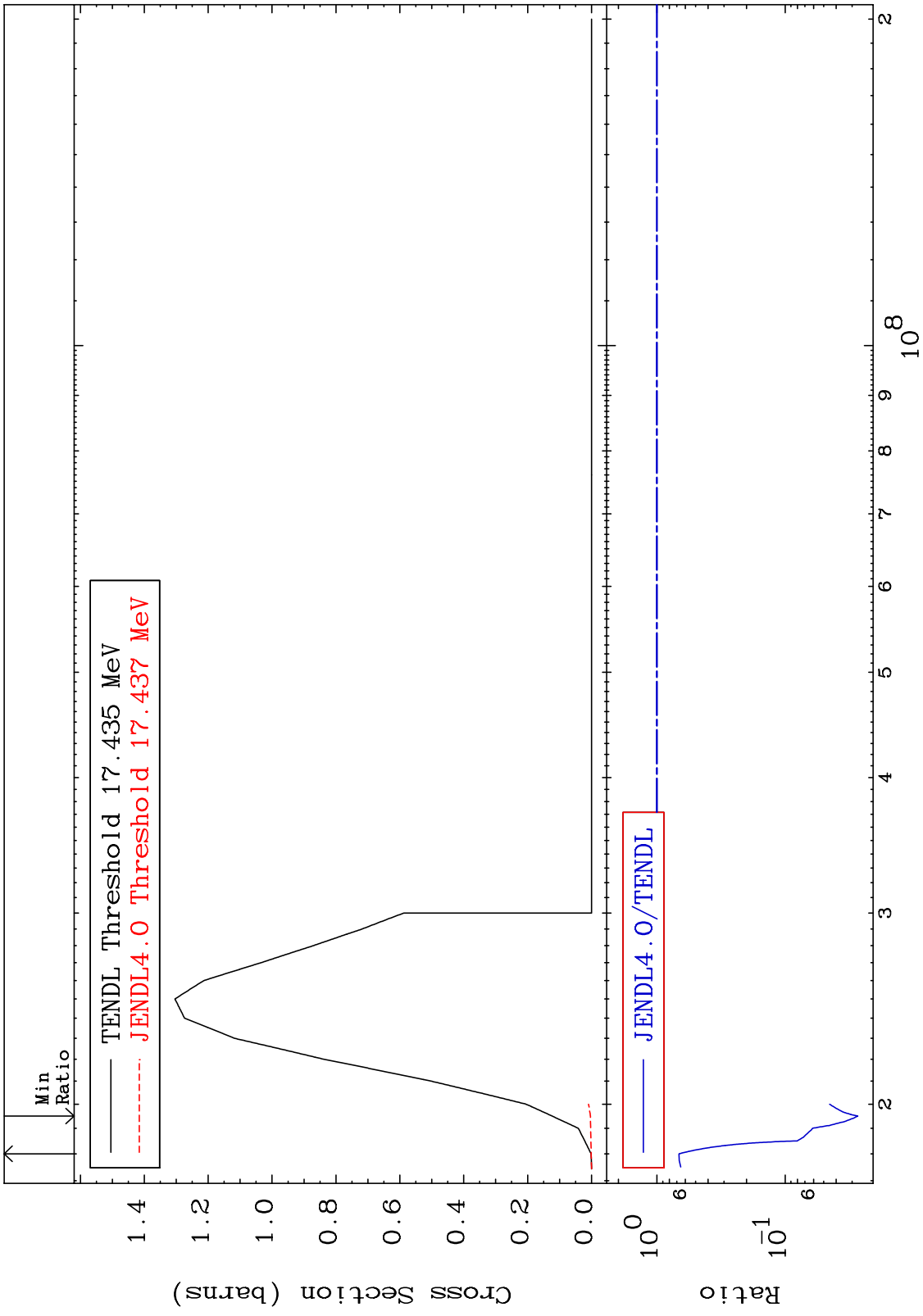


9

Incident Energy (eV)

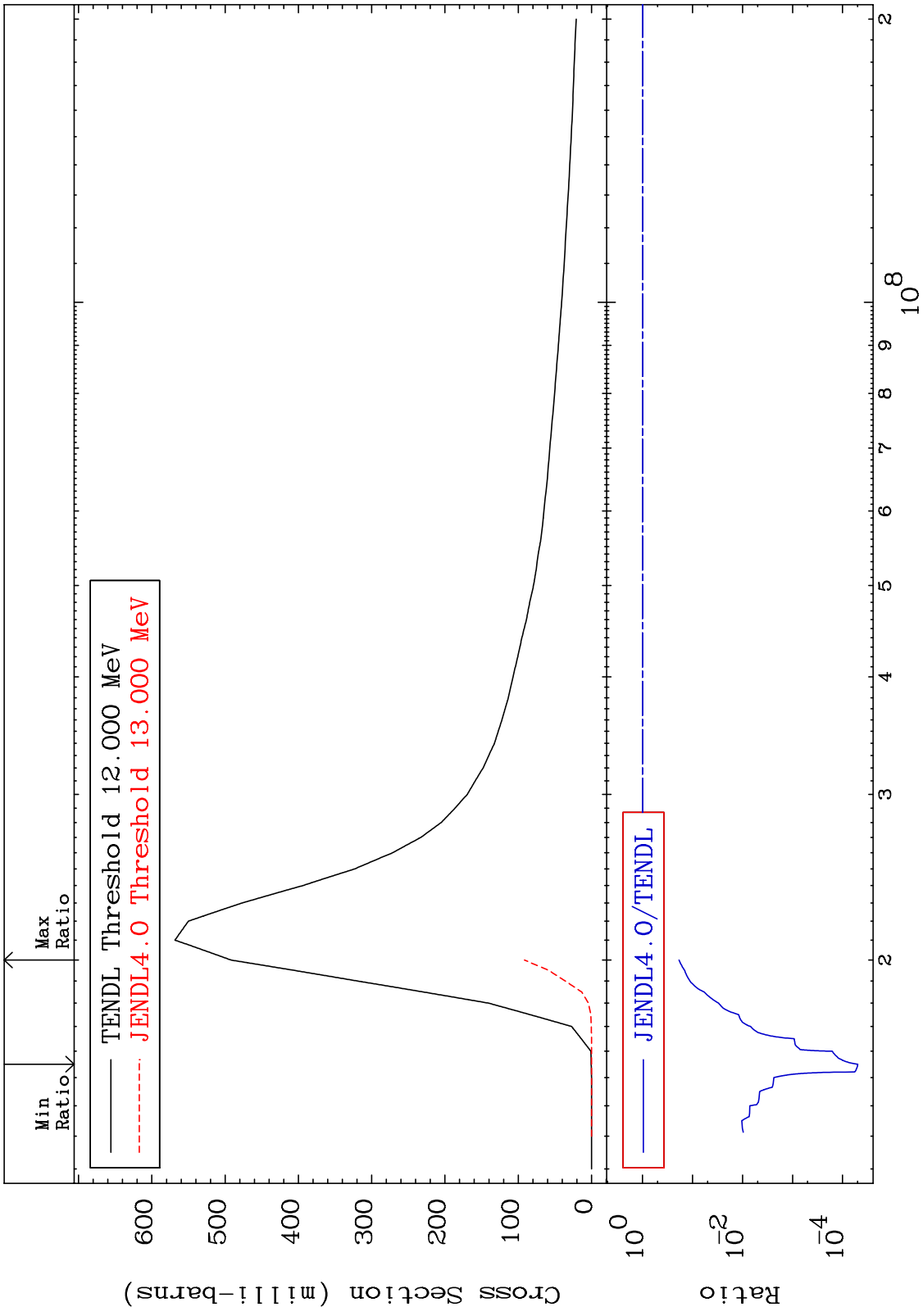
94-Pu-244

MAT 9452 (n,4n) Cross Section 94-Pu-244 -97.29 To -32.75%



10 94-Pu-244 Incident Energy (eV)

MAT 9452 (n,3nf) Fourth Chance Cross Section 94-Pu-244 -100.0 To -81.40%

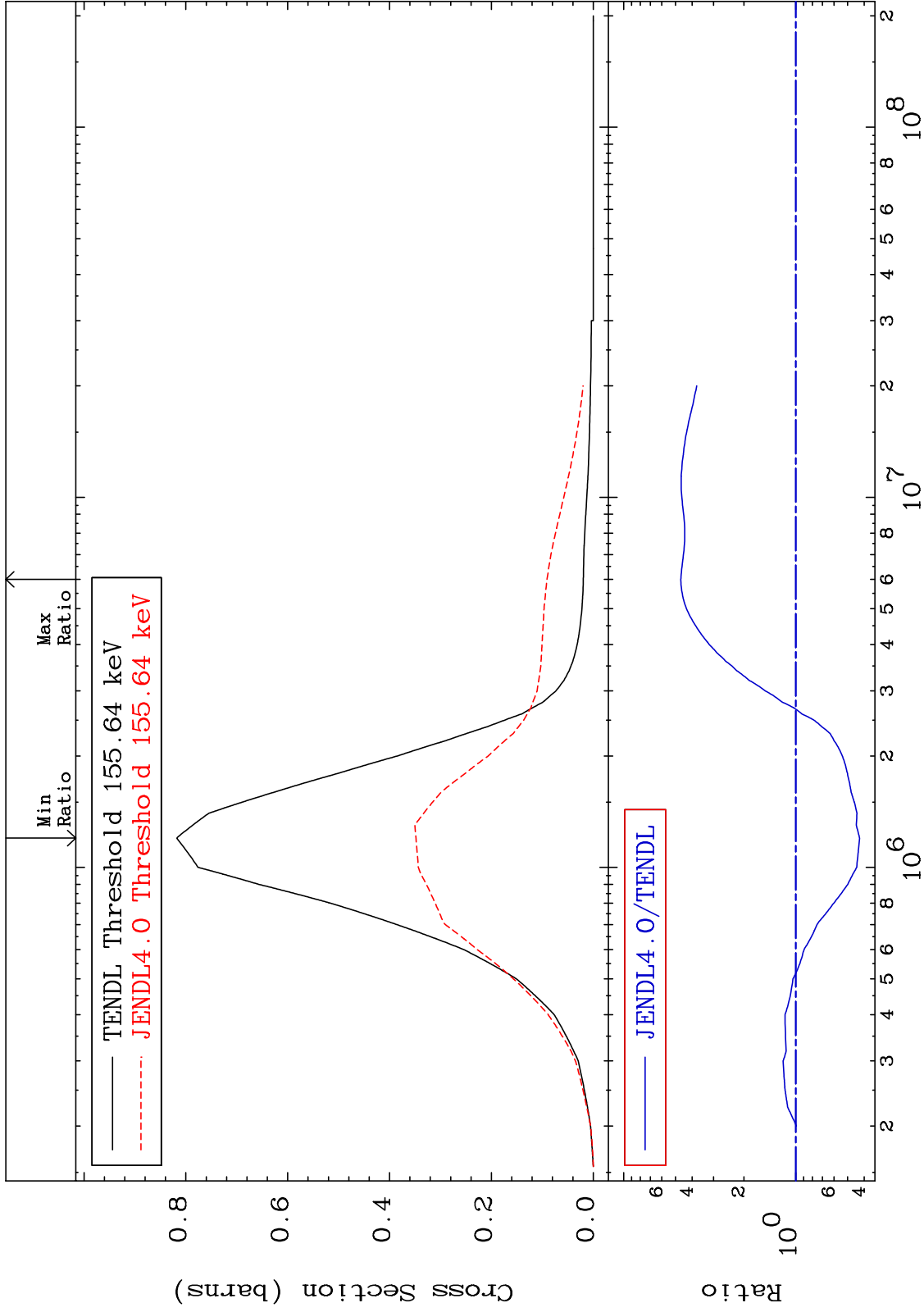




MAT 9452

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

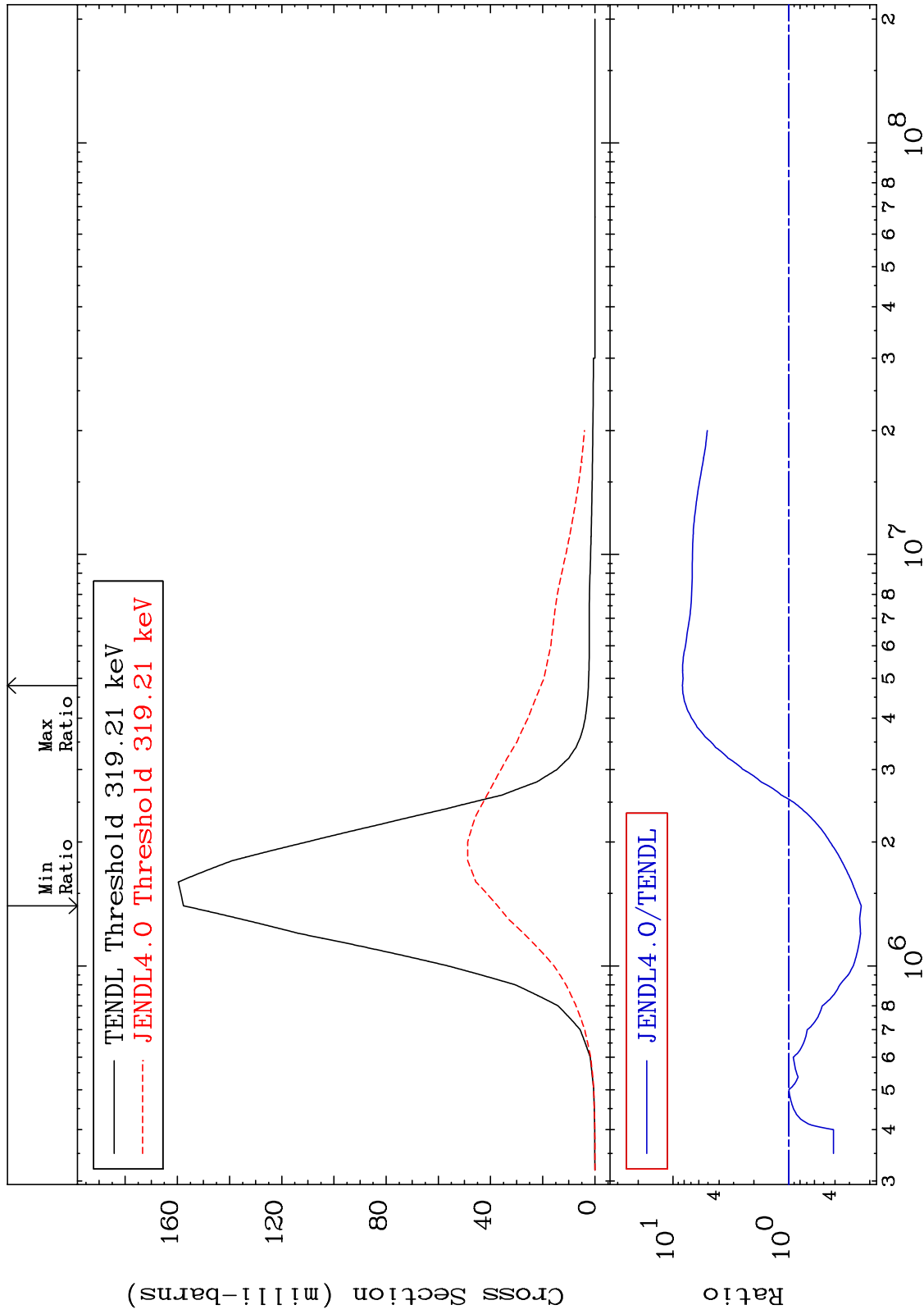
94-Pu-244  
-57.44 To 365.4 %



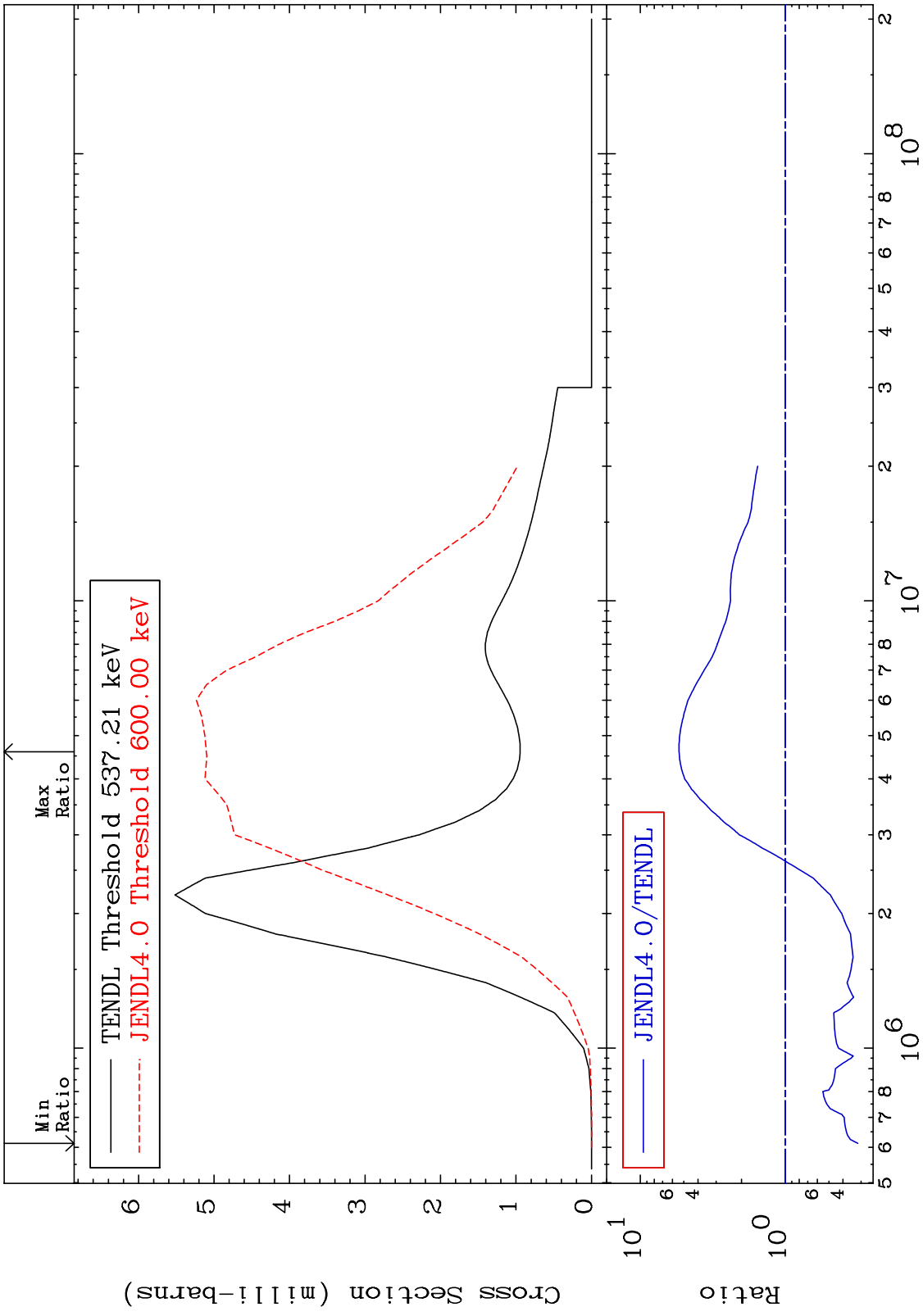
MAT 9452

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

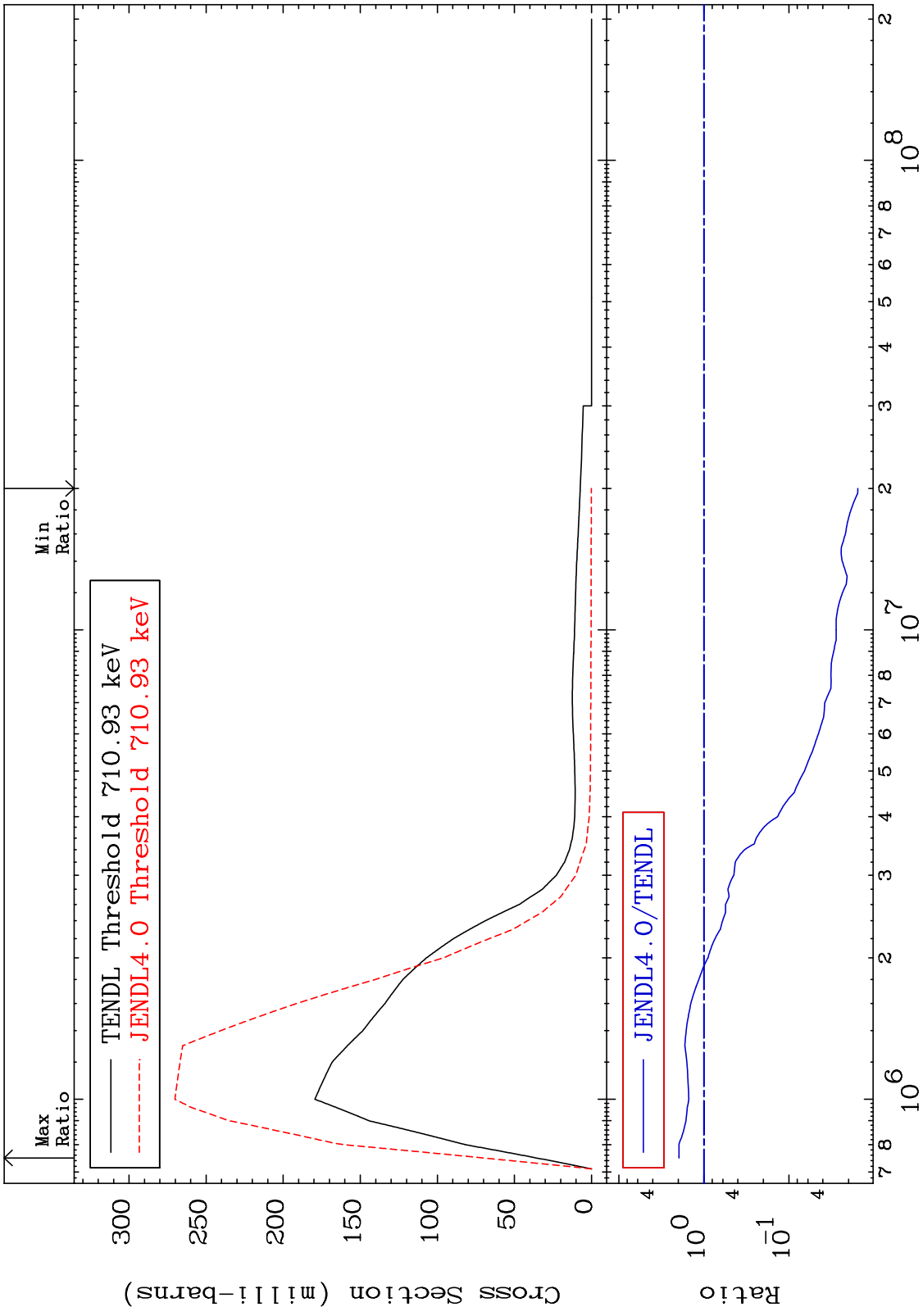
94-Pu-244  
-76.32 To 728.7 %



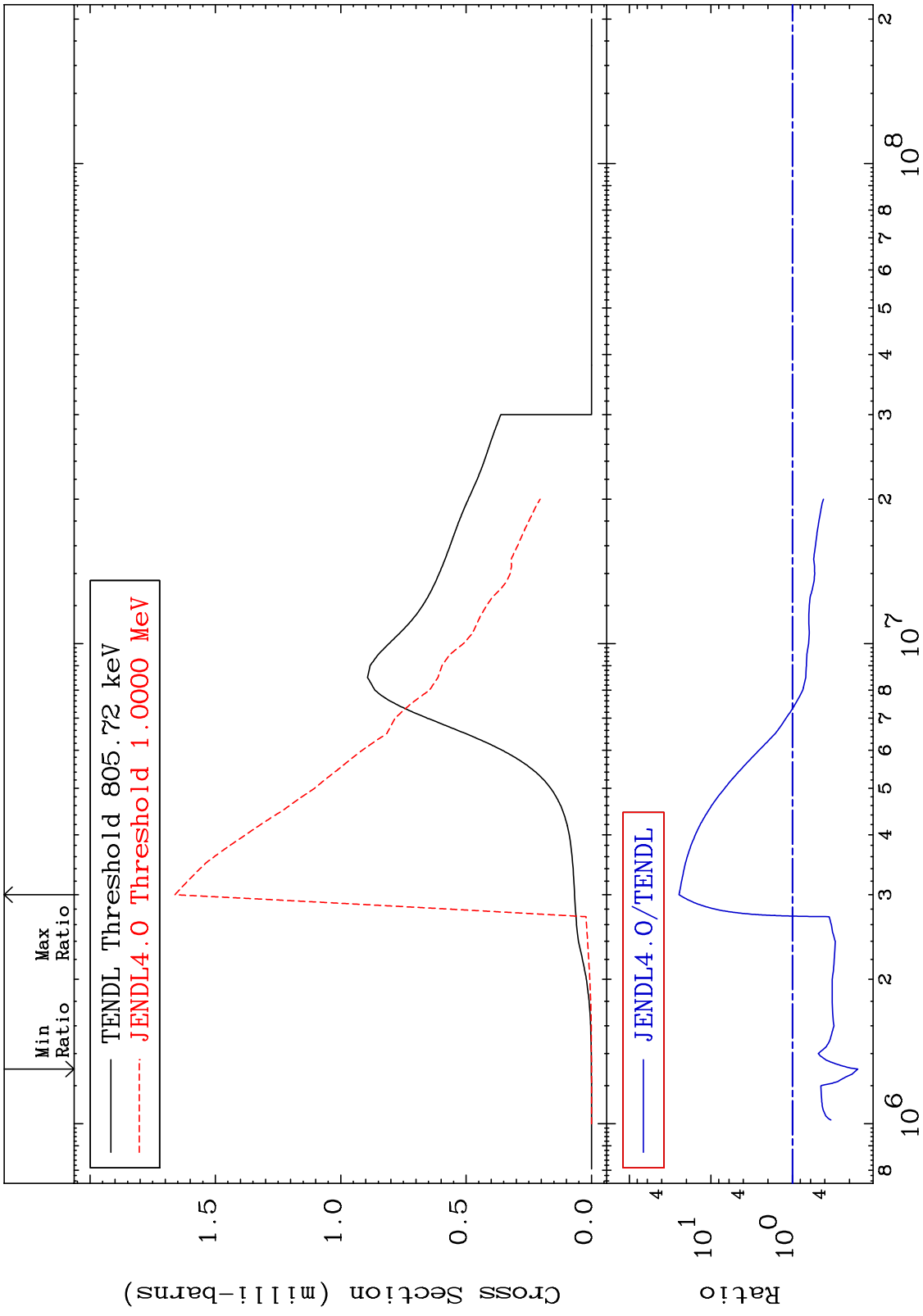
MAT 9452      MT= 54 (n,n') Level      94-Pu-244  
 Cross Section      -68.41 To 439.7 %



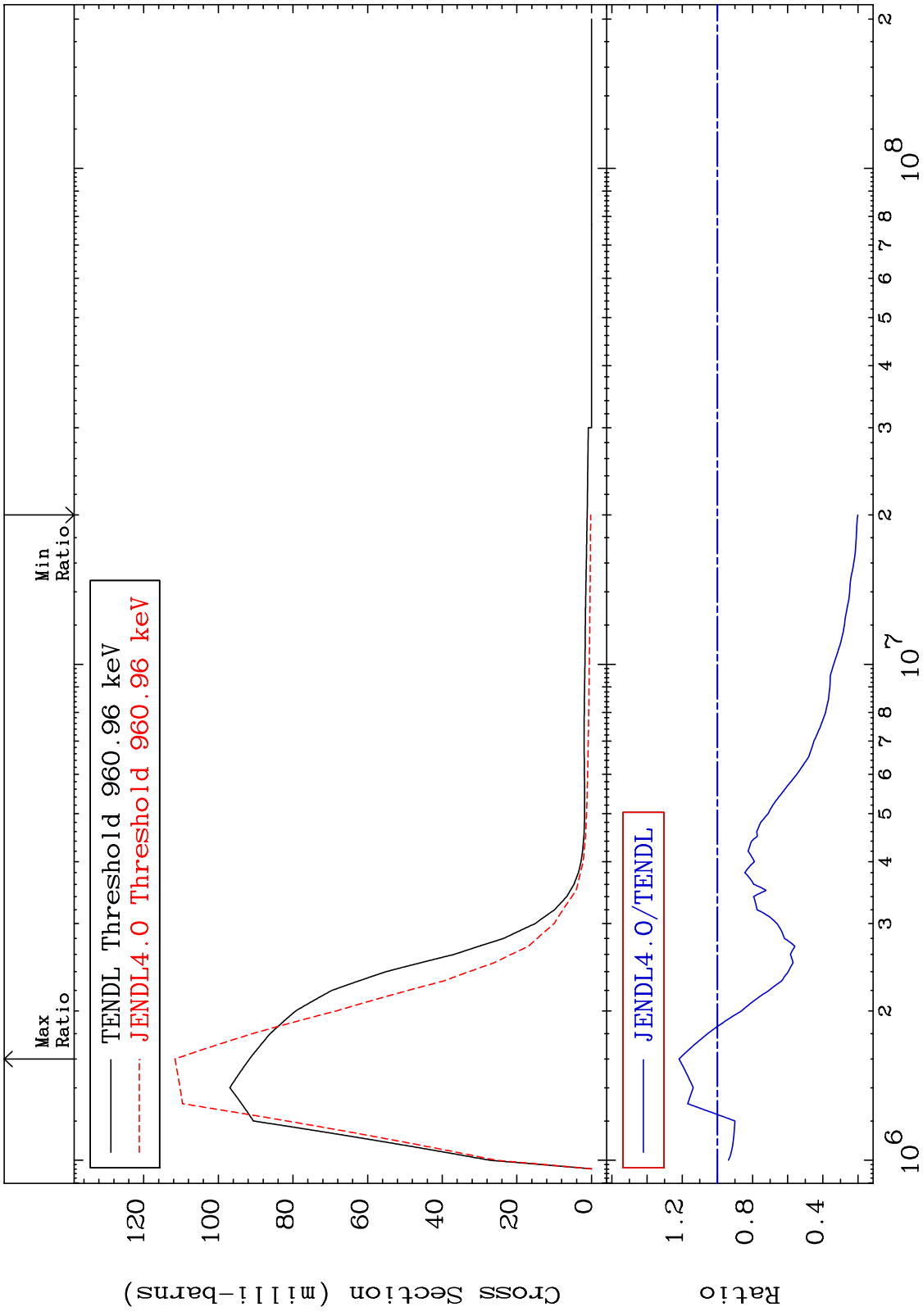
MAT 9452 MT= 55 (n,n') Level Cross Section 94-Pu-244  
 -98.45 To 96.31 %



MAT 9452 MT= 56 (n,n') Level Cross Section 94-Pu-244 -84.22 To 2355. %



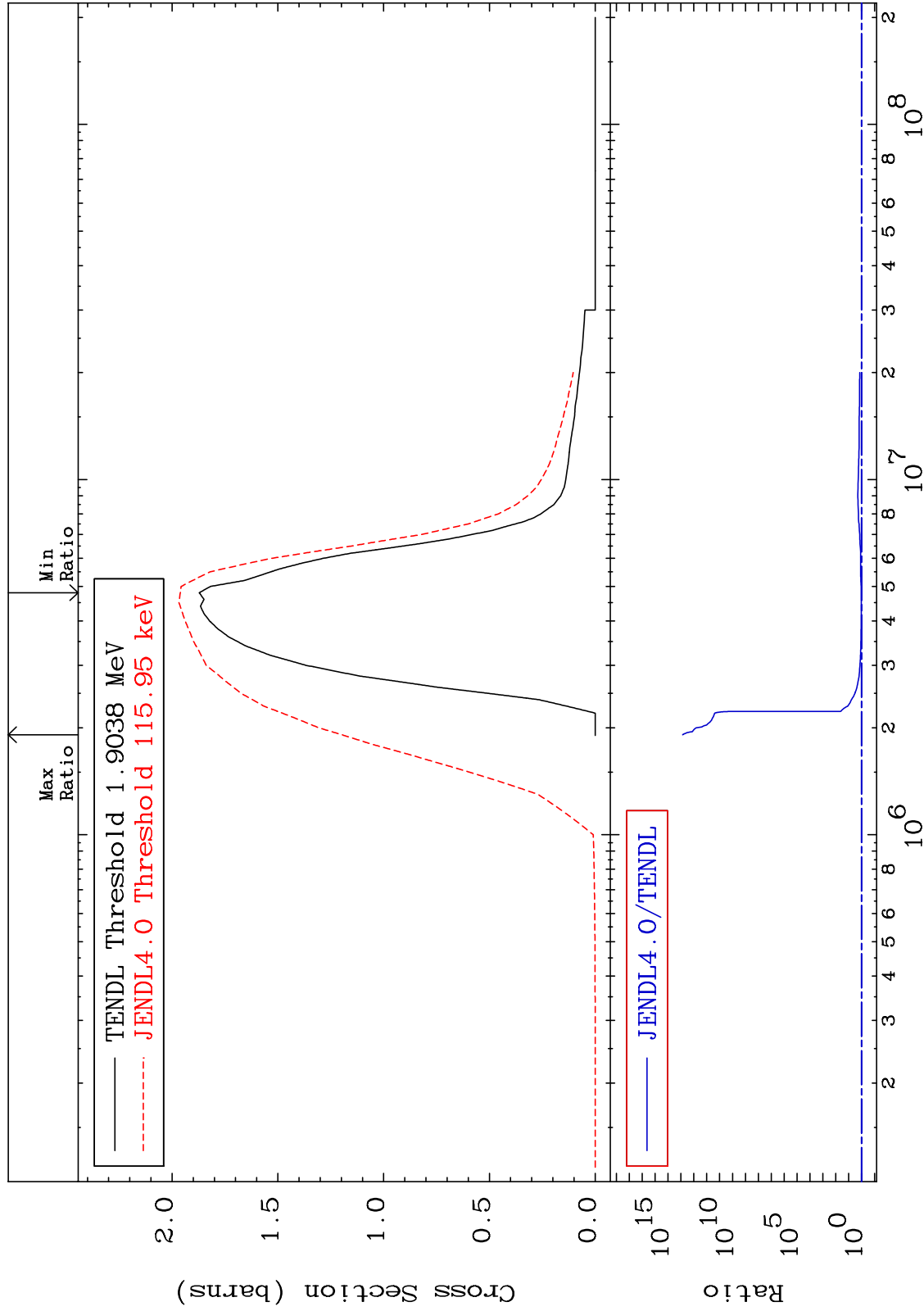
MAT 9452      MT= 57 (n,n') Level Cross Section      94-Pu-244  
-79.87 To 21.79 %



MAT 9452

(n, n') Continuum  
Cross Section

94-Pu-244  
4.787 To 9999. %



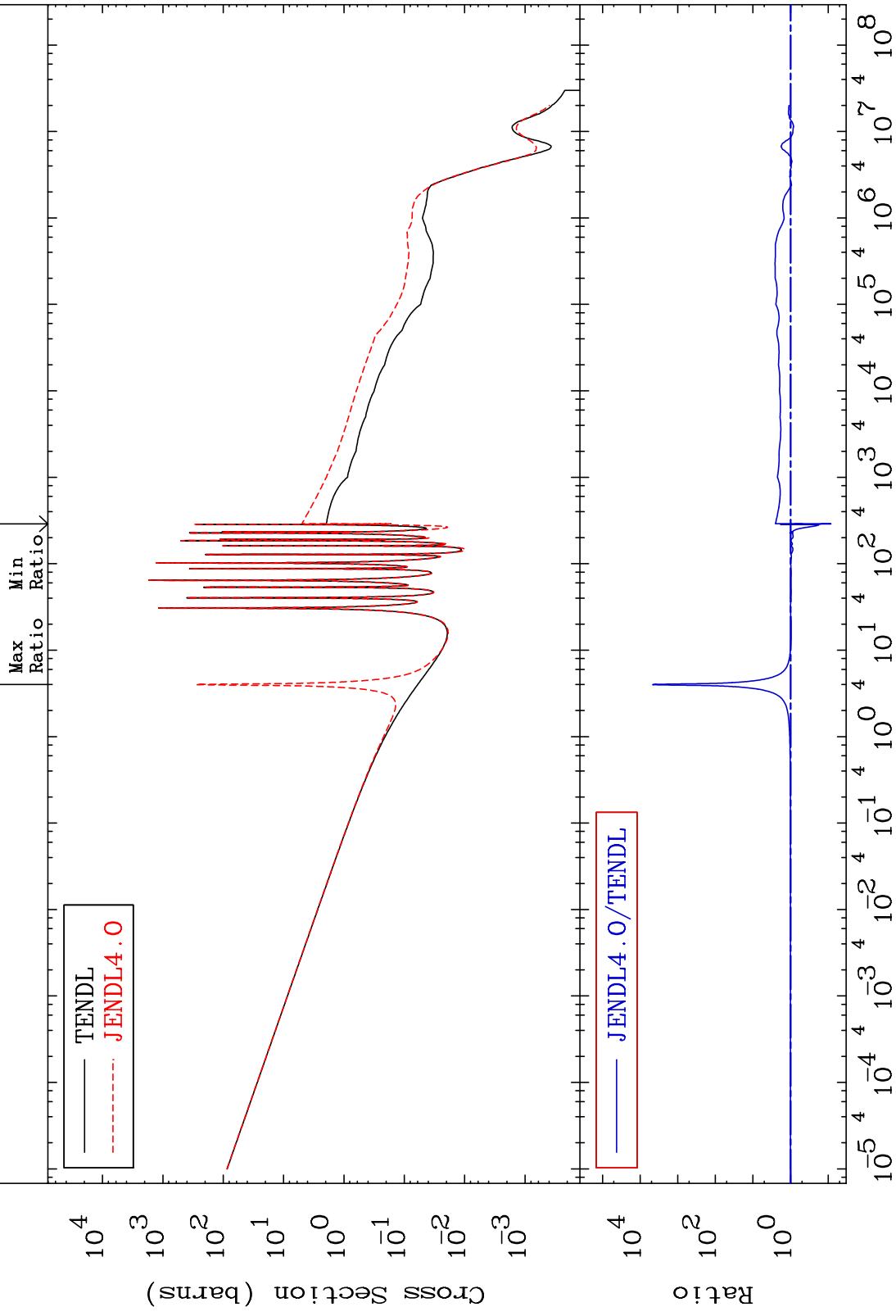
MAT 9452

94-Pu-244

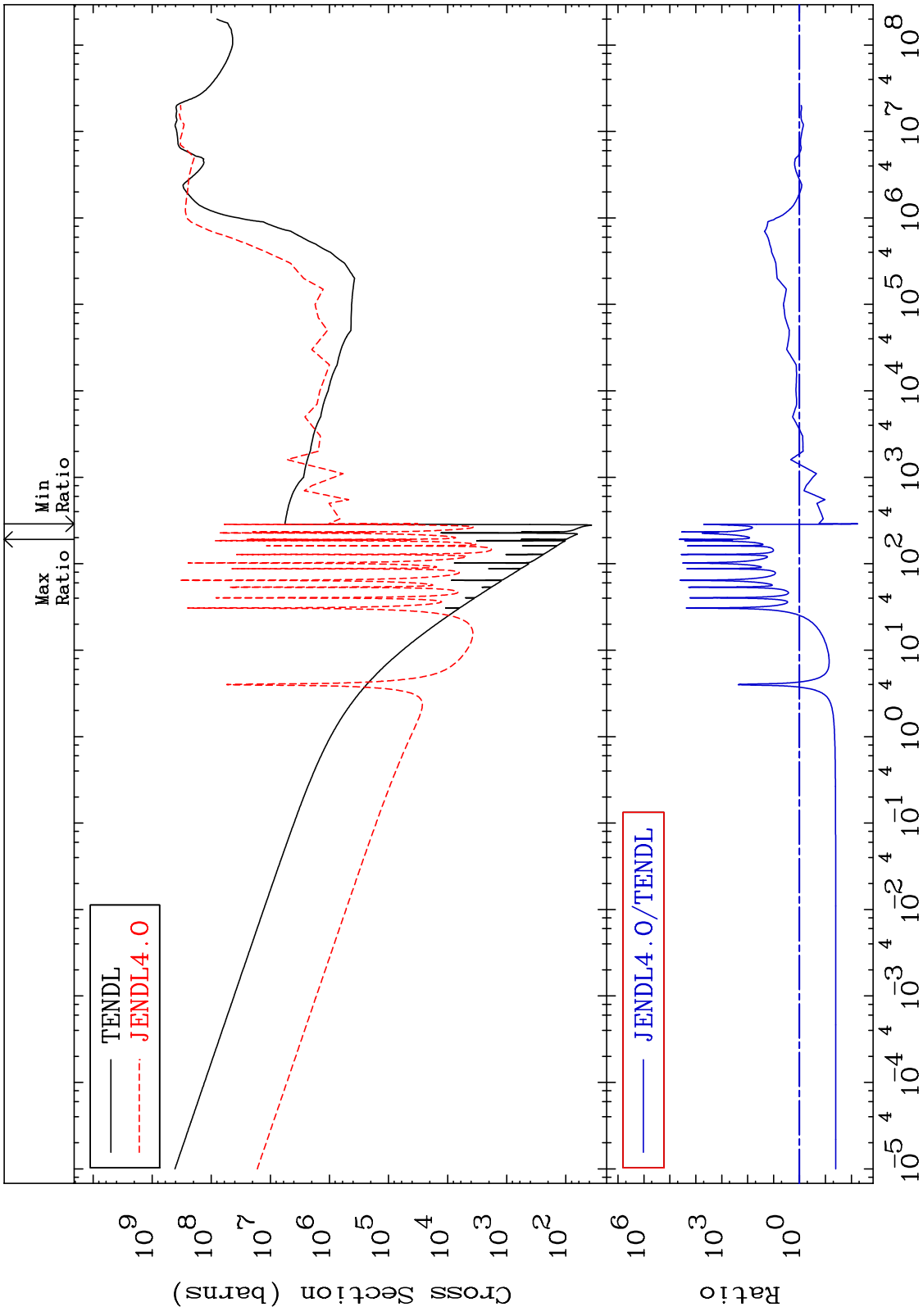
-91.51 To 9999. %

(n,  $\gamma$ )

Cross Section



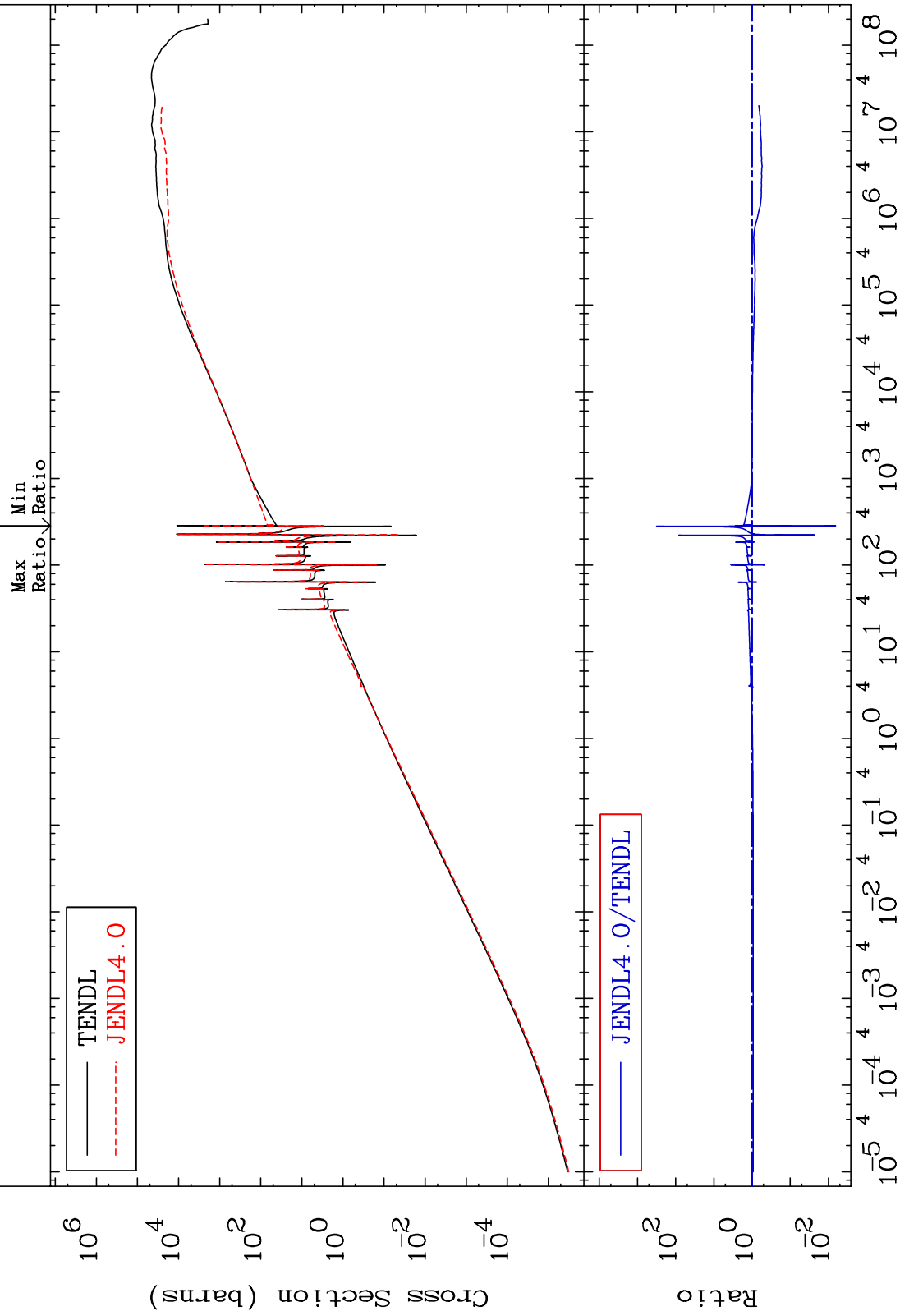
MAT 9452 Kerma total (eV-barns) 94-Pu-244  
 Cross Section -99.44 To 9999. %



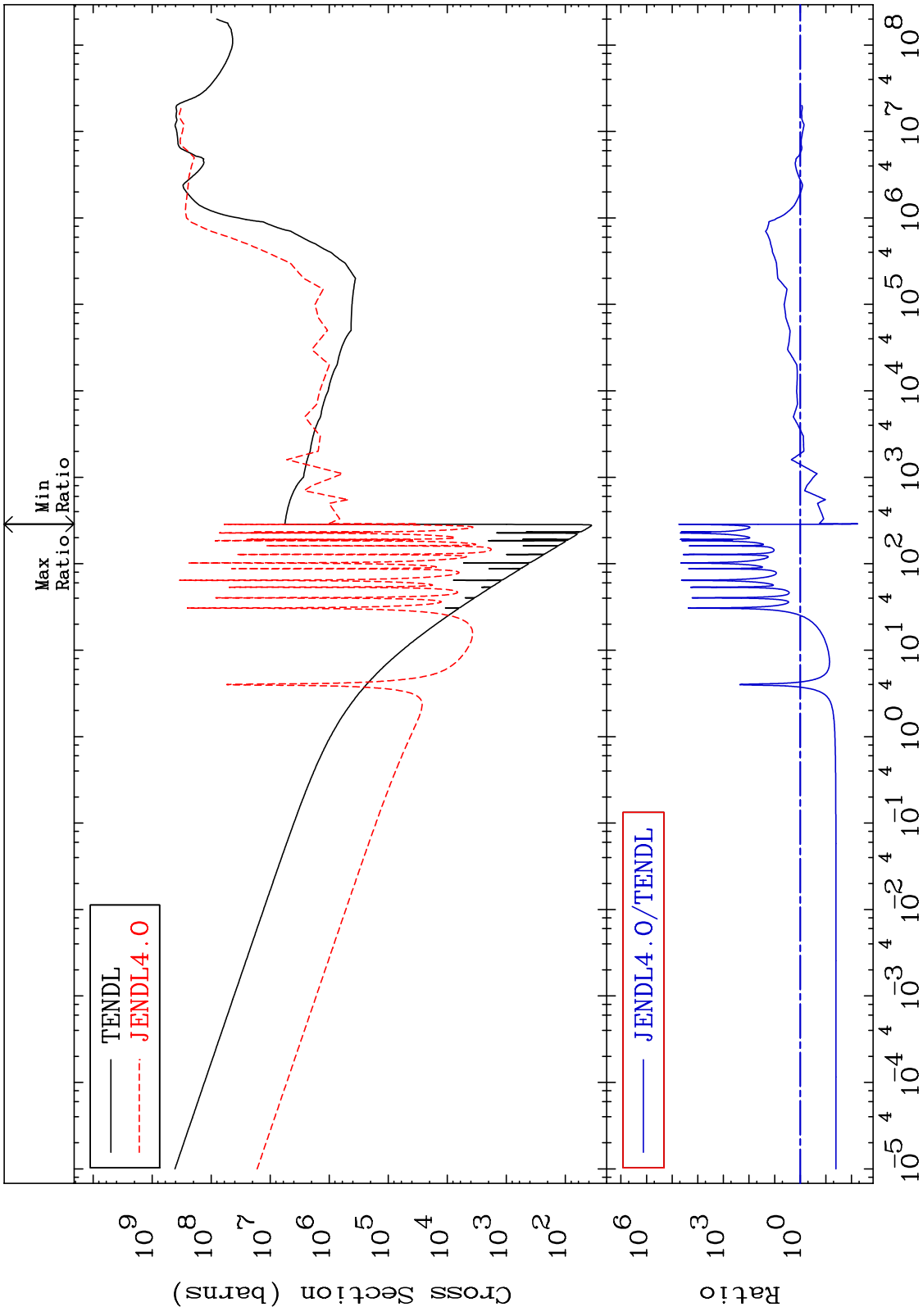
MAT 9452

Kerma elastic  
Cross Section

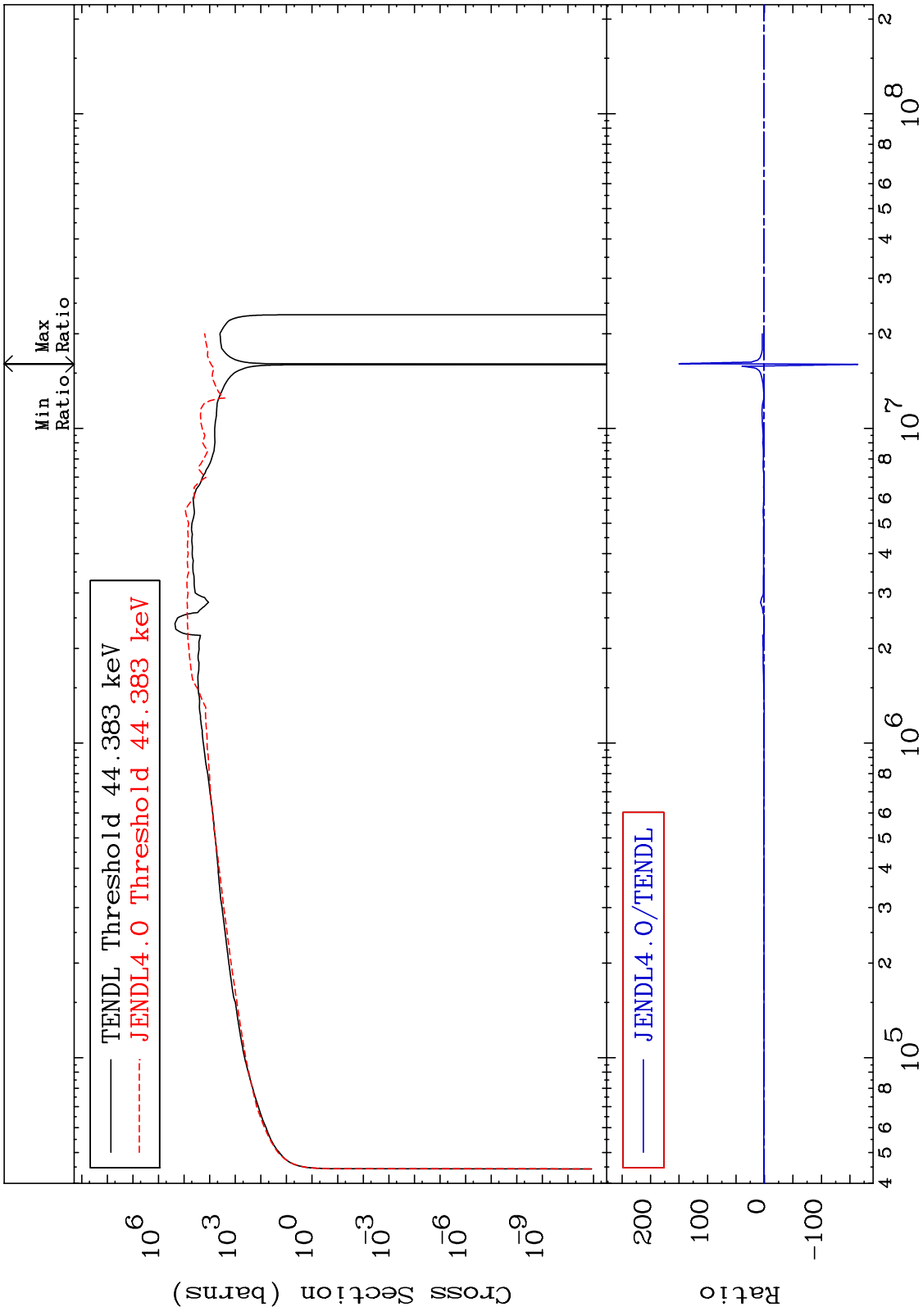
94-Pu-244  
-99.35 To 9999. %



MAT 9452 Kerma non-elastic (all but mt2) 94-Pu-244  
 Cross Section -99.44 To 9999. %



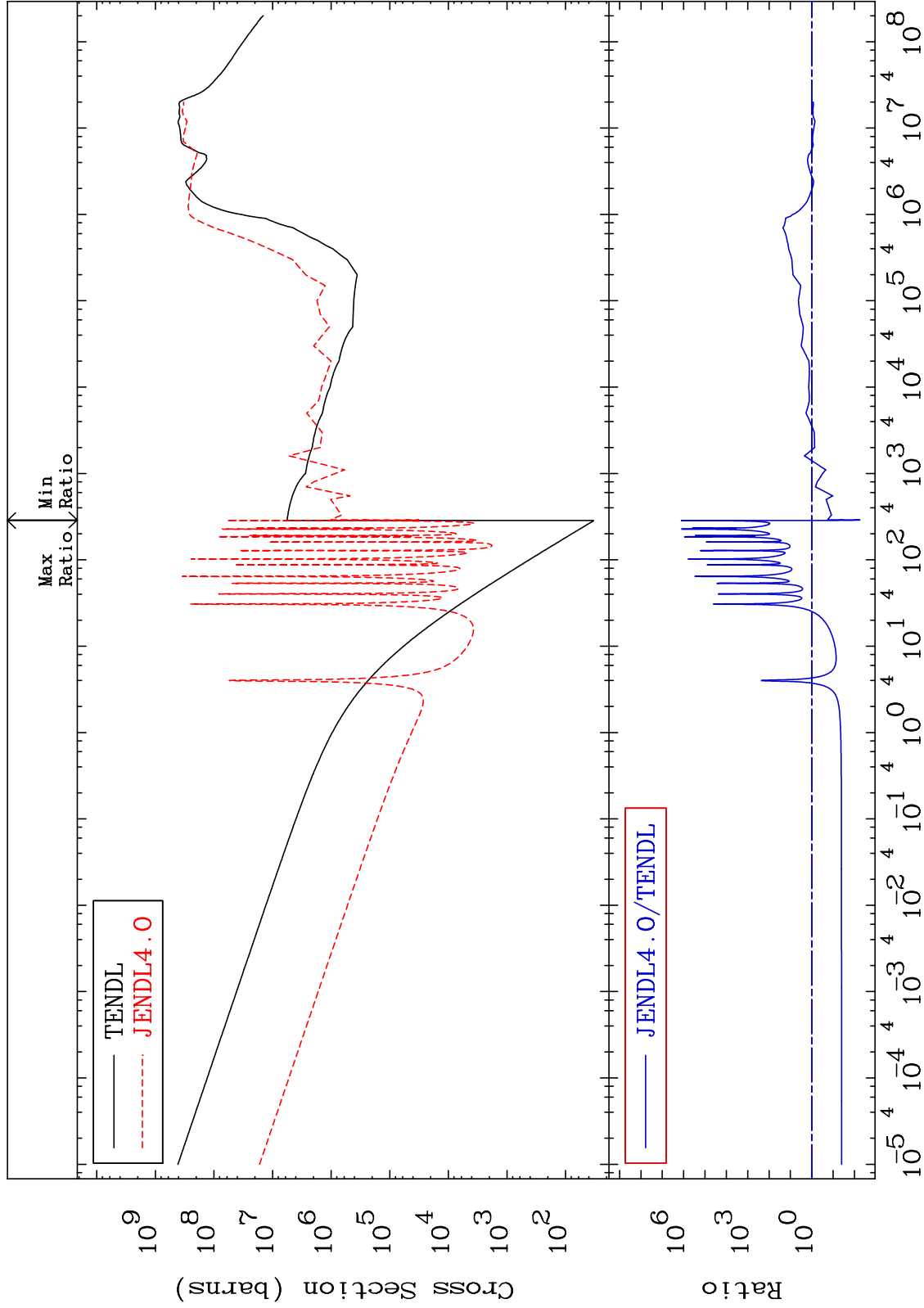
MAT 9452      Kerma inelastic (mt51-91)      94-Pu-244  
 -9999. To 9999. %  
 Cross Section



MAT 9452

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

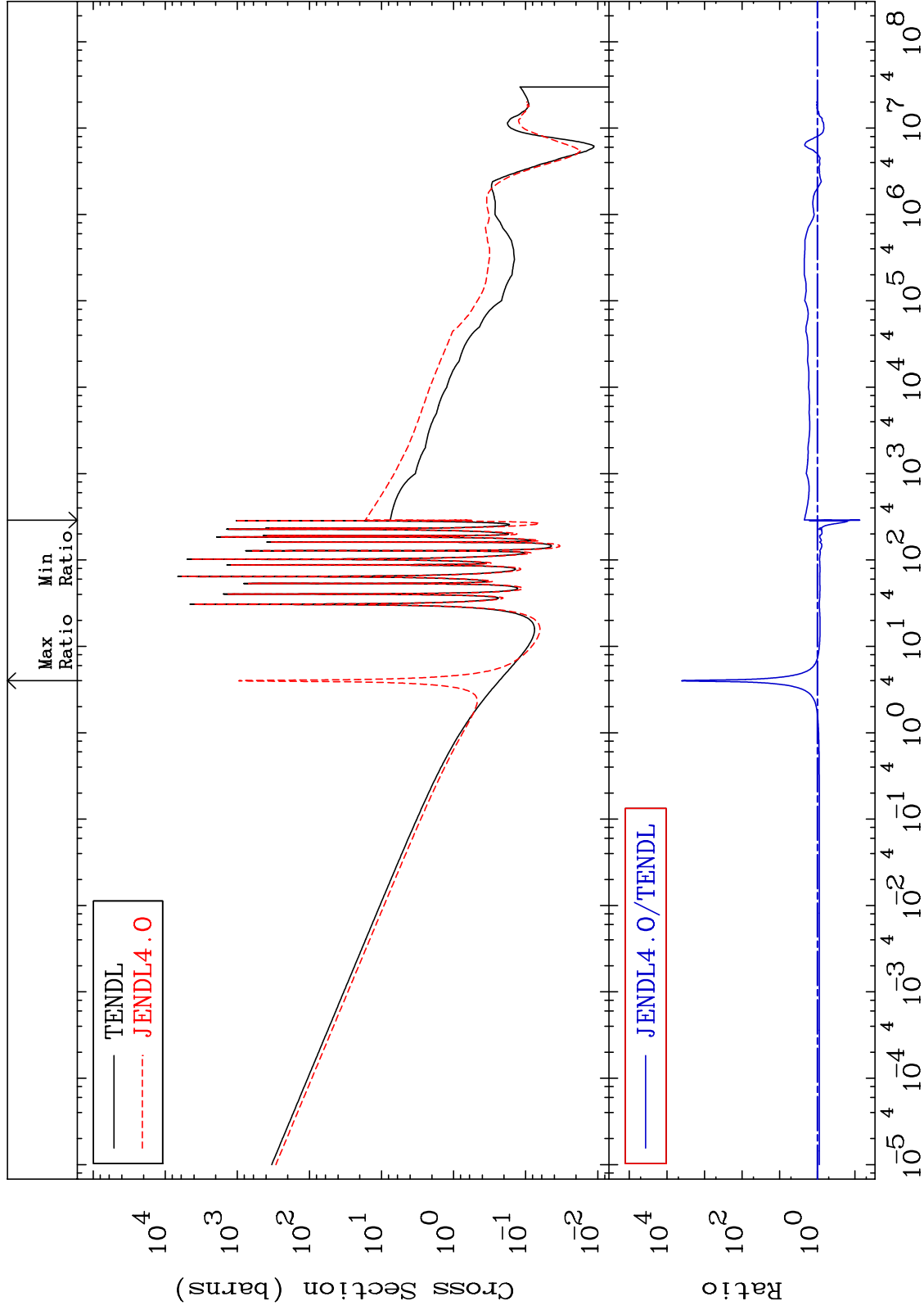
94-Pu-244  
-99.44 To 9999. %



MAT 9452

Kerma capture (mt102)  
Cross Section

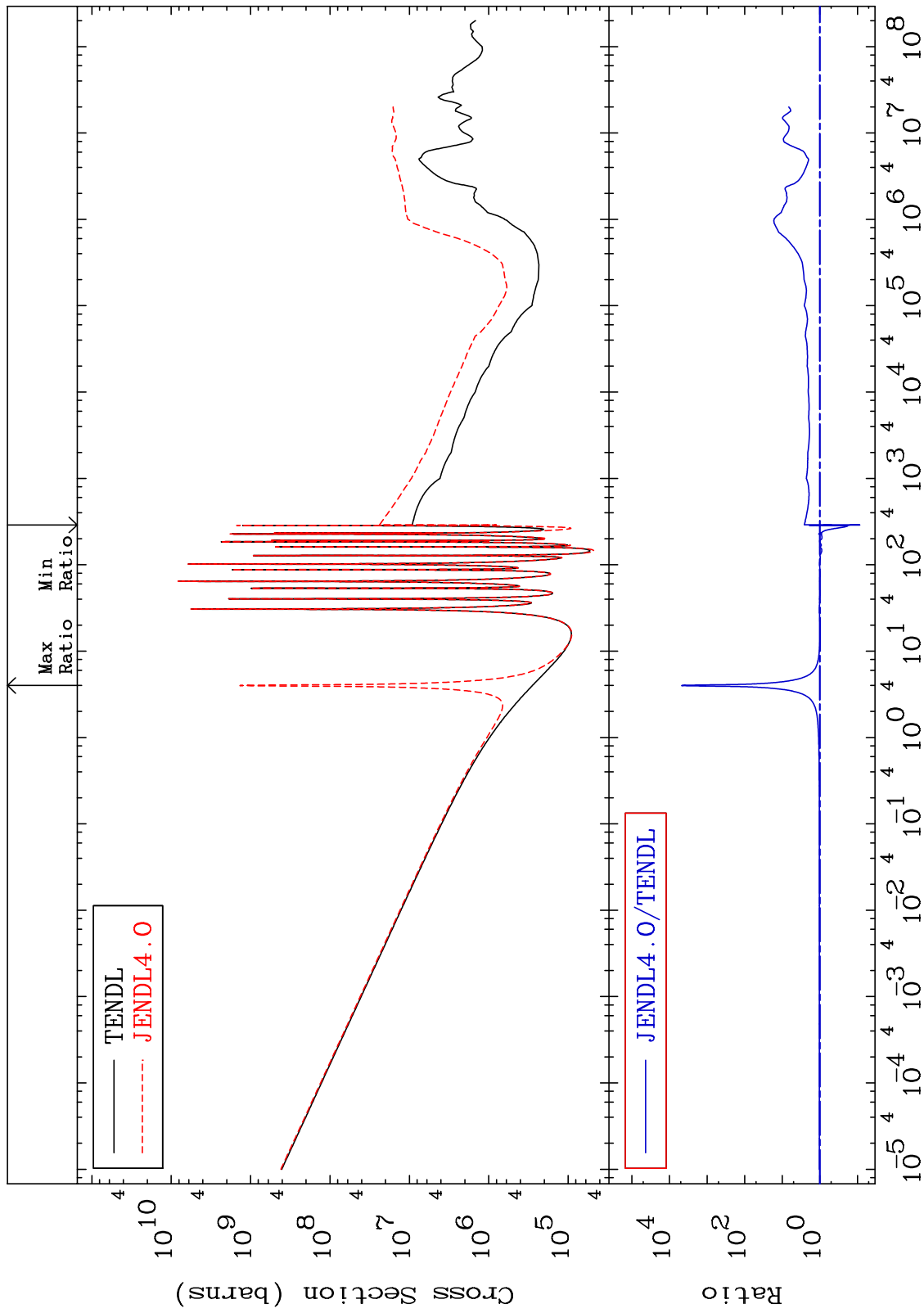
94-Pu-244  
-92.58 To 9999. %



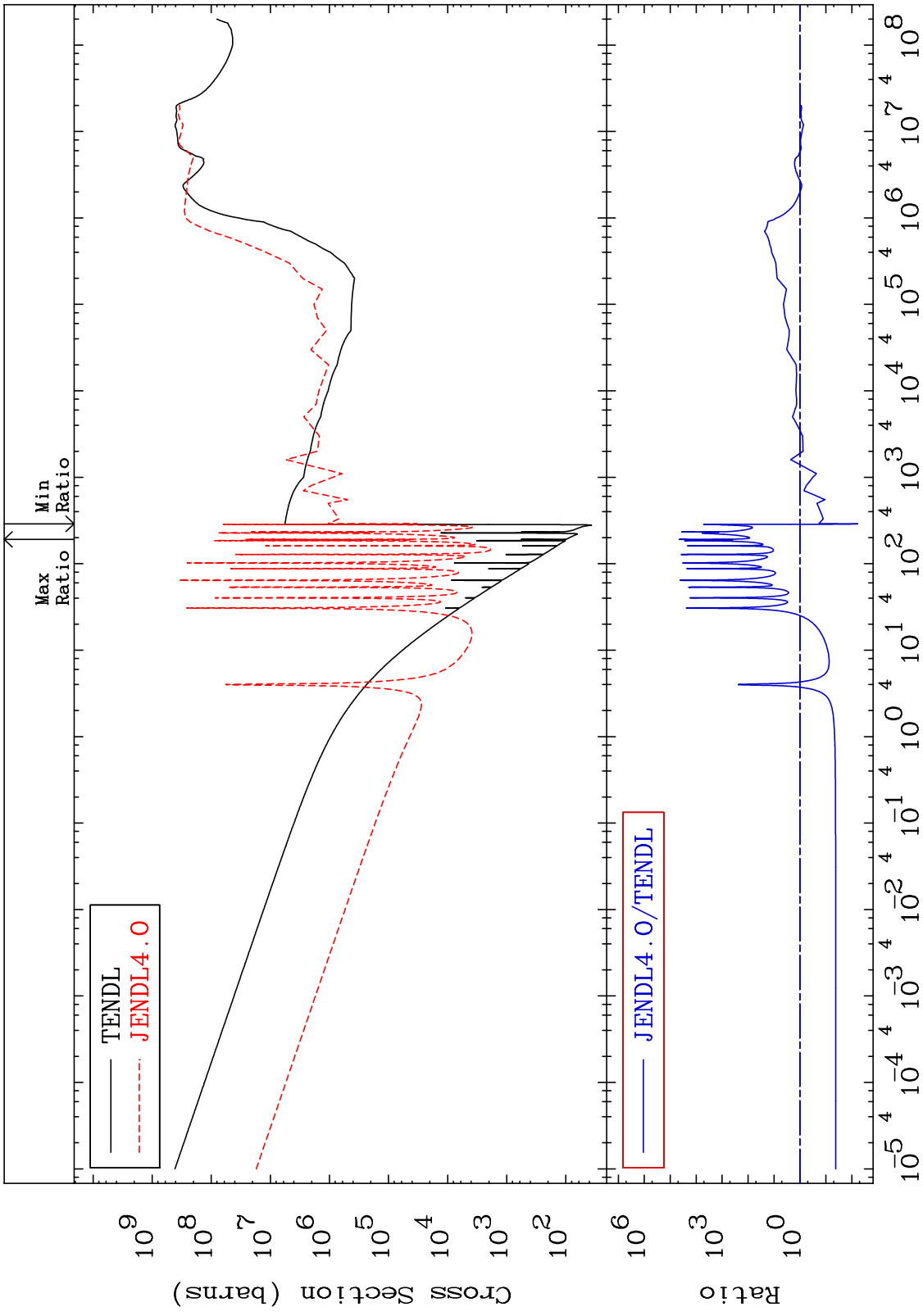
MAT 9452

Total photon (eV-barns)  
Cross Section

94-Pu-244  
-91.32 To 9999. %



MAT 9452      Total kinematic kerma (high limit)      94-Pu-244  
 Cross Section      -99.41 To 9999. %



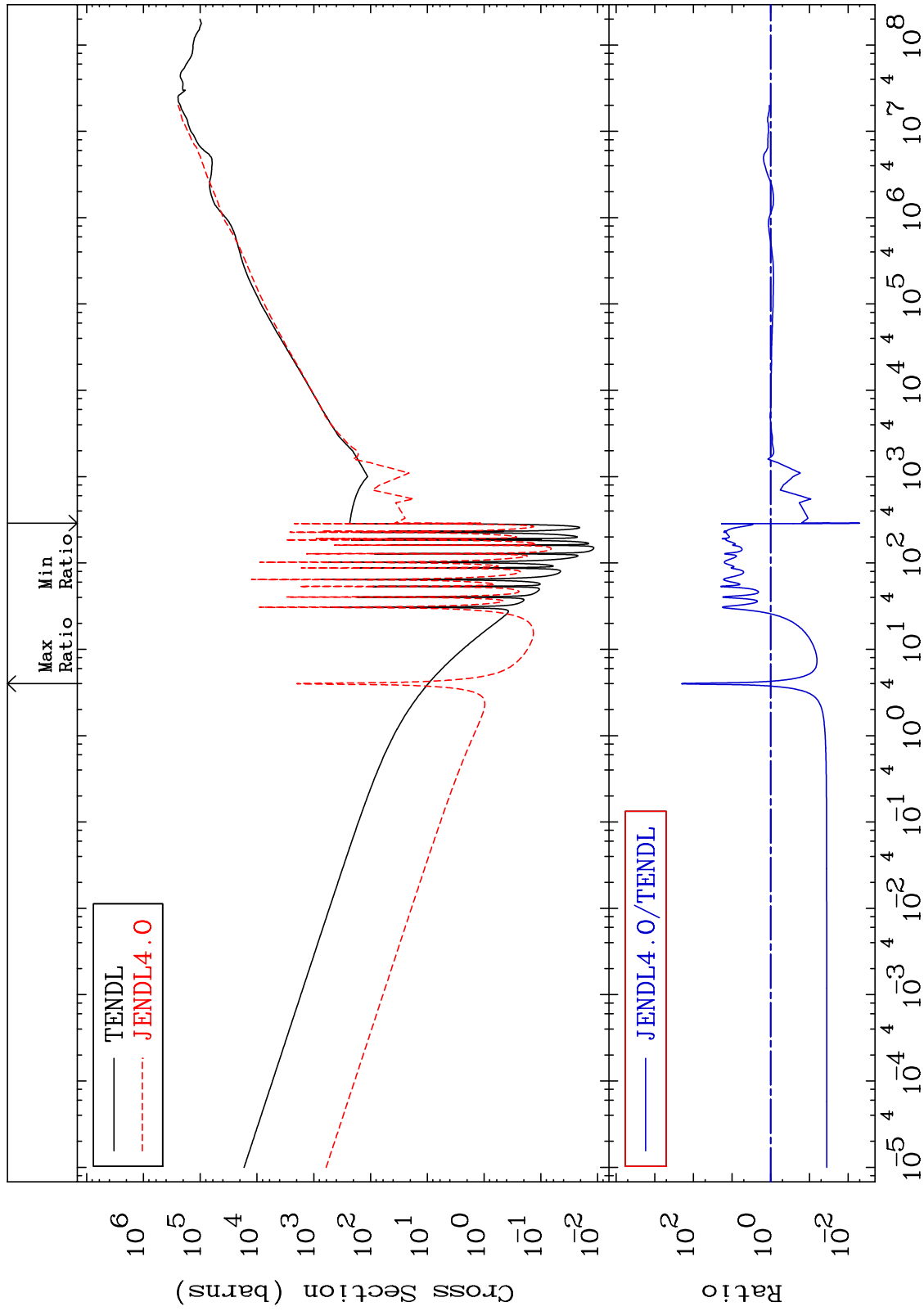
MAT 9452

Dpa total (eV-barns)

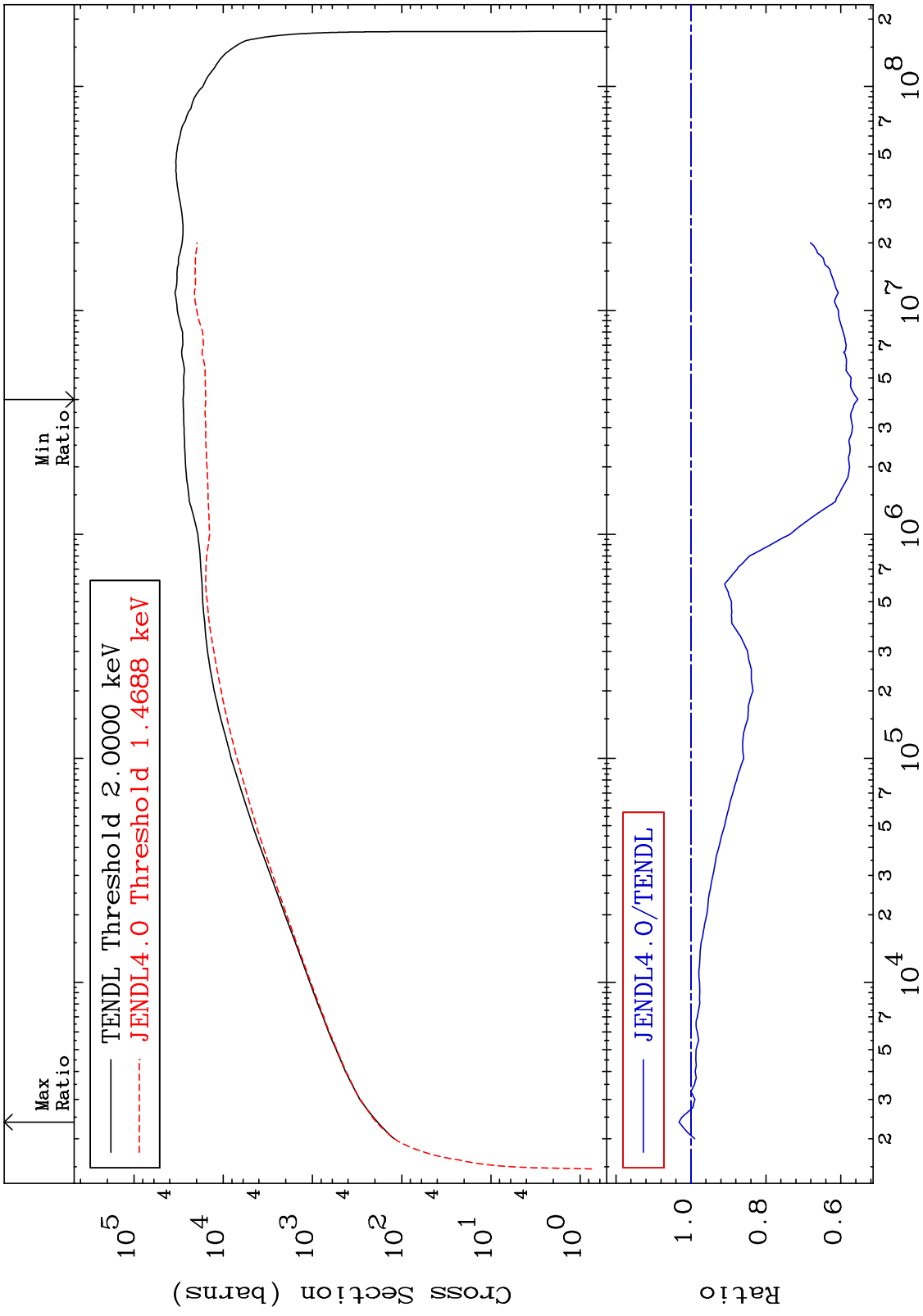
94-Pu-244

-99.50 To 9999. %

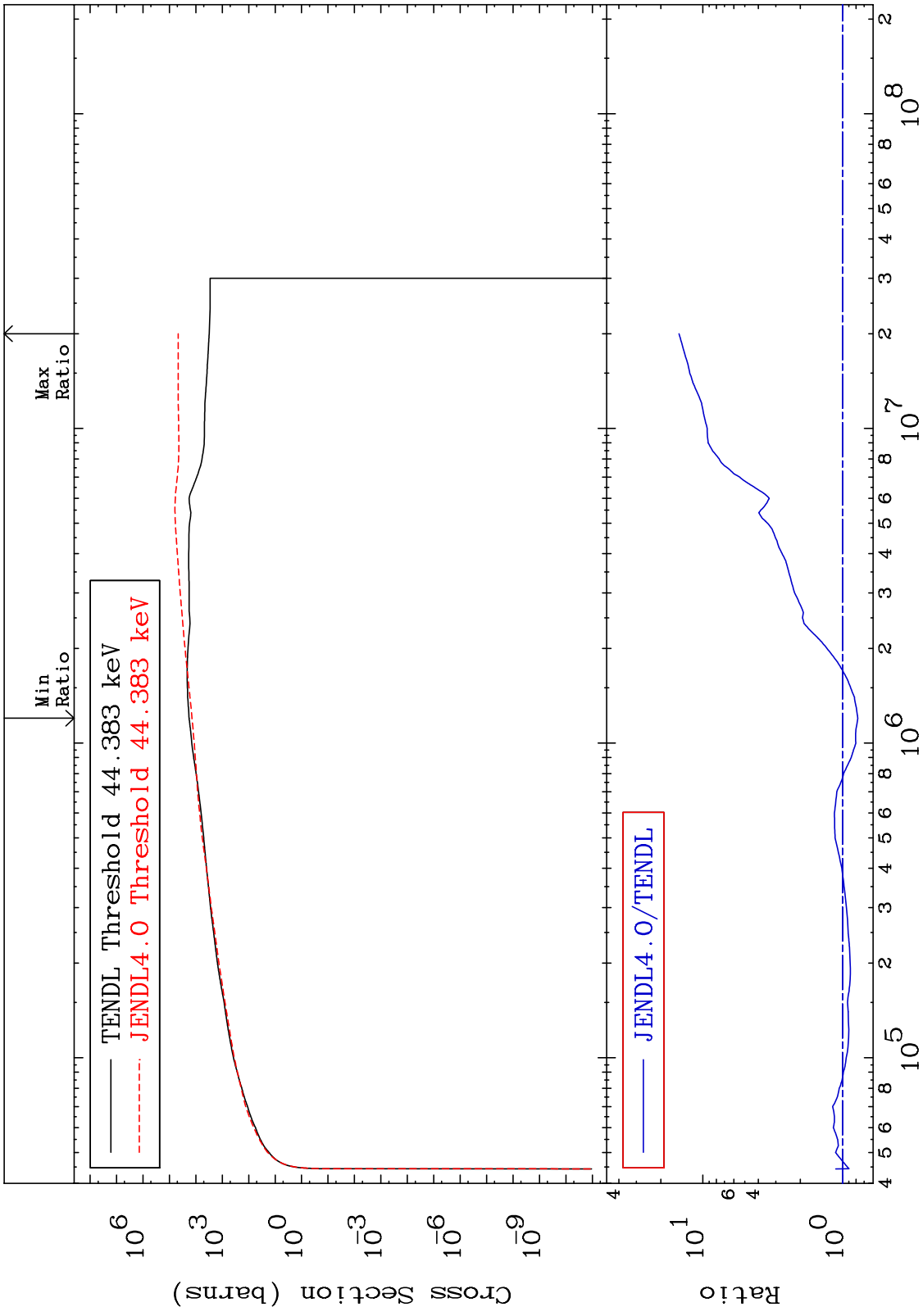
Cross Section



MAT 9452      Dpa elastic (mt2)      94-Pu-244  
 Cross Section      -44.54 To 3.172 %



MAT 9452      Dpa inelastic (mt51-91)      94-Pu-244  
 Cross Section      -22.46 To 1381. %



MAT 9452      Dpa disappearance (mt102 -120)      94-Pu-244  
 Cross Section      -99.99 To 9999. %

