

Program Complot  
(Version 2018-1)

by

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(Present Contact Information)

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U.S.A.

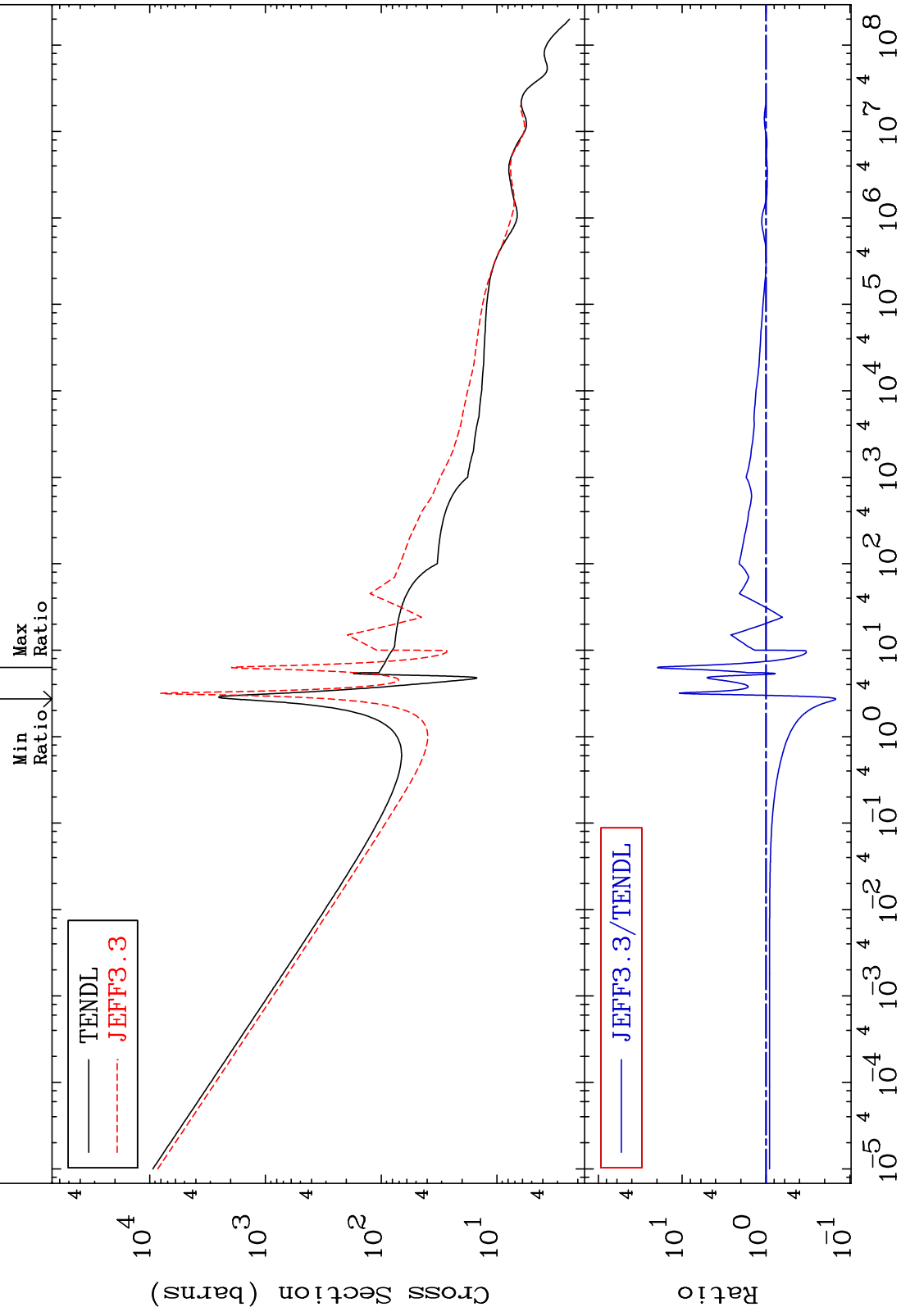
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9428 94-Pu-236 -85.28 To 1896. %

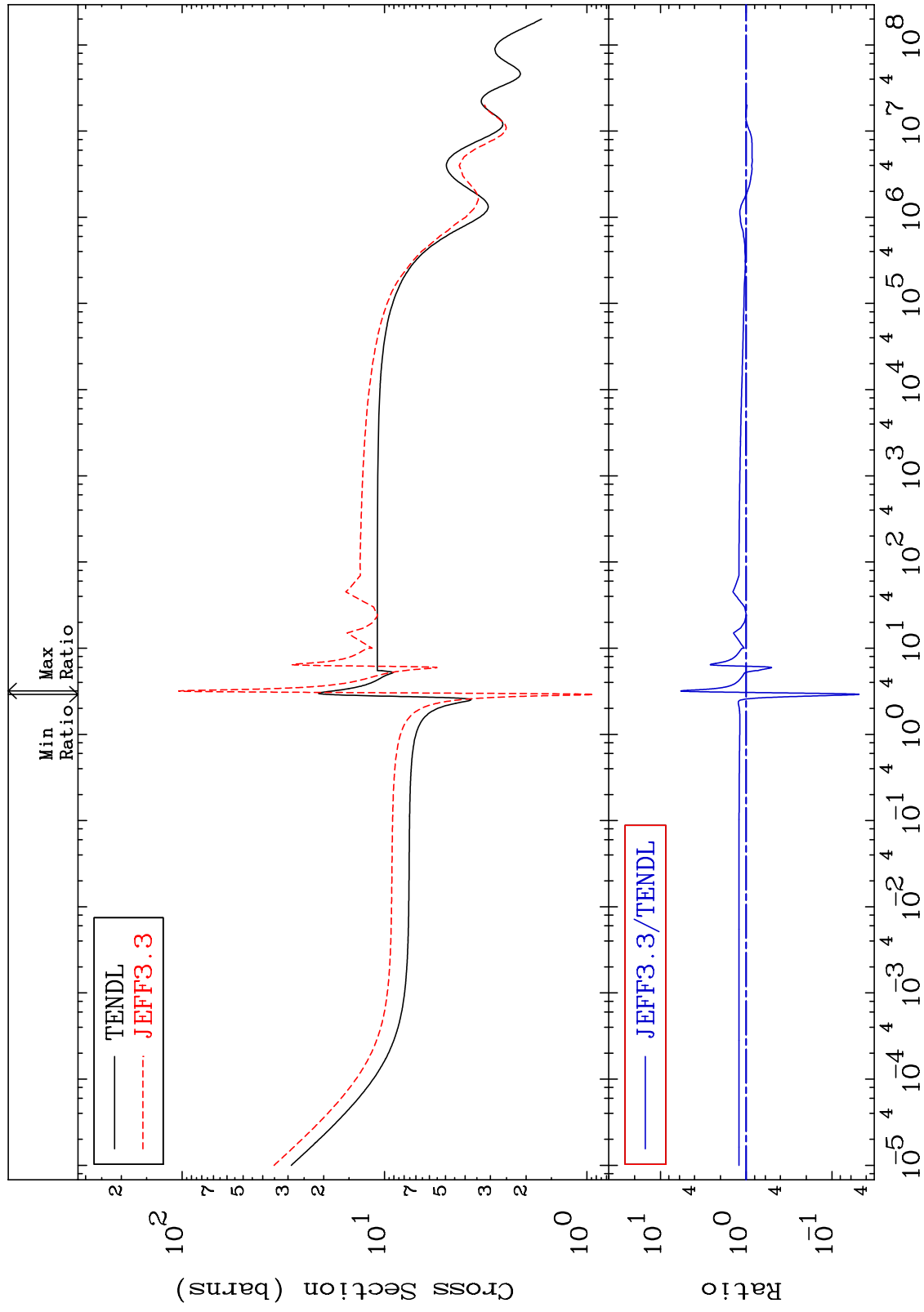
Total Cross Section



94-Pu-236

94-Pu-236

MAT 9428 Elastic Cross Section 94-Pu-236 -95.16 To 478.5 %



2 94-Pu-236

MAT 9428

Inelastic Cross Section

94-Pu-236  
243.4 To 2633. %

Min Ratio

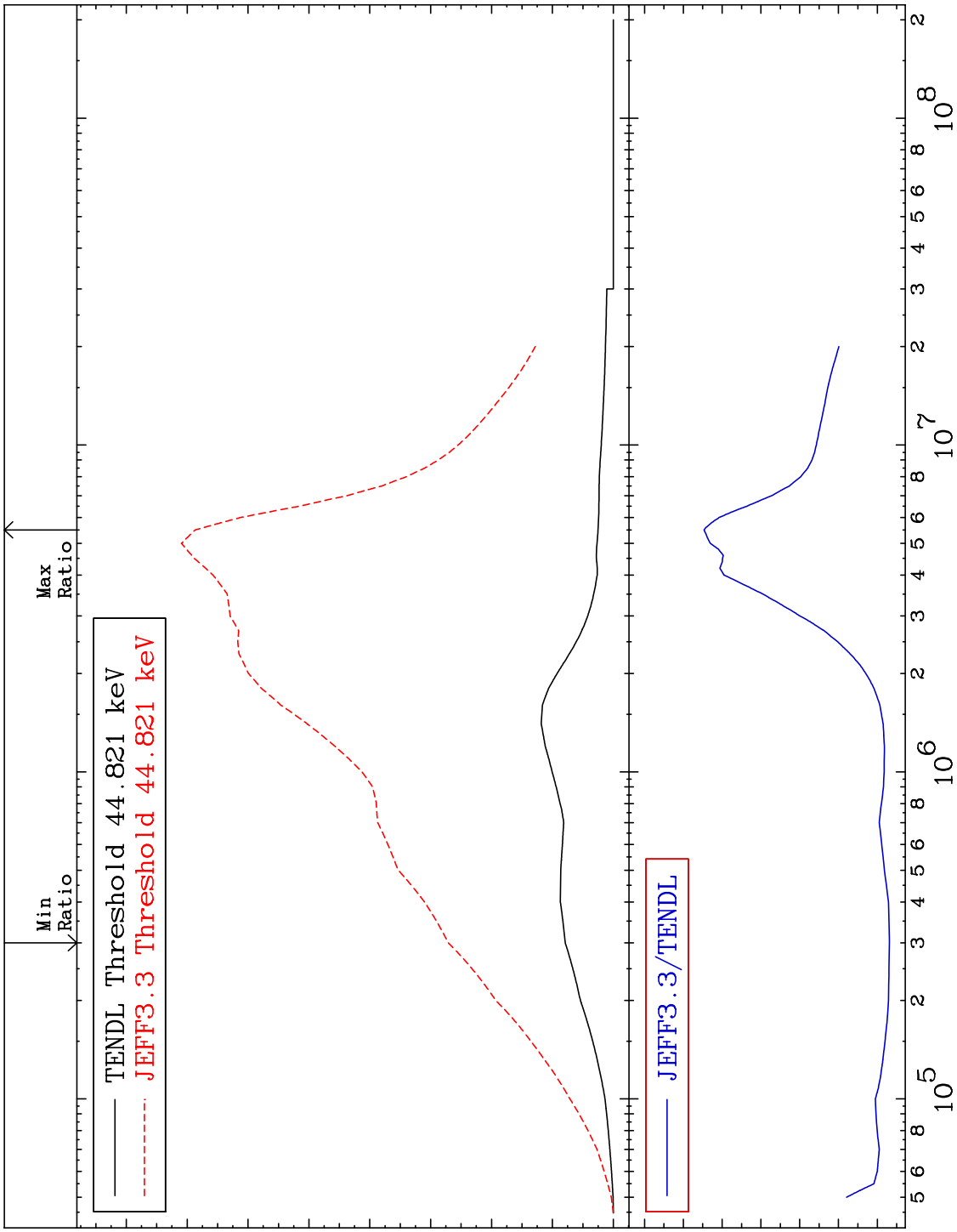
Max Ratio

— TENDL Threshold 44.821 keV  
- - - JEFF3.3 Threshold 44.821 keV

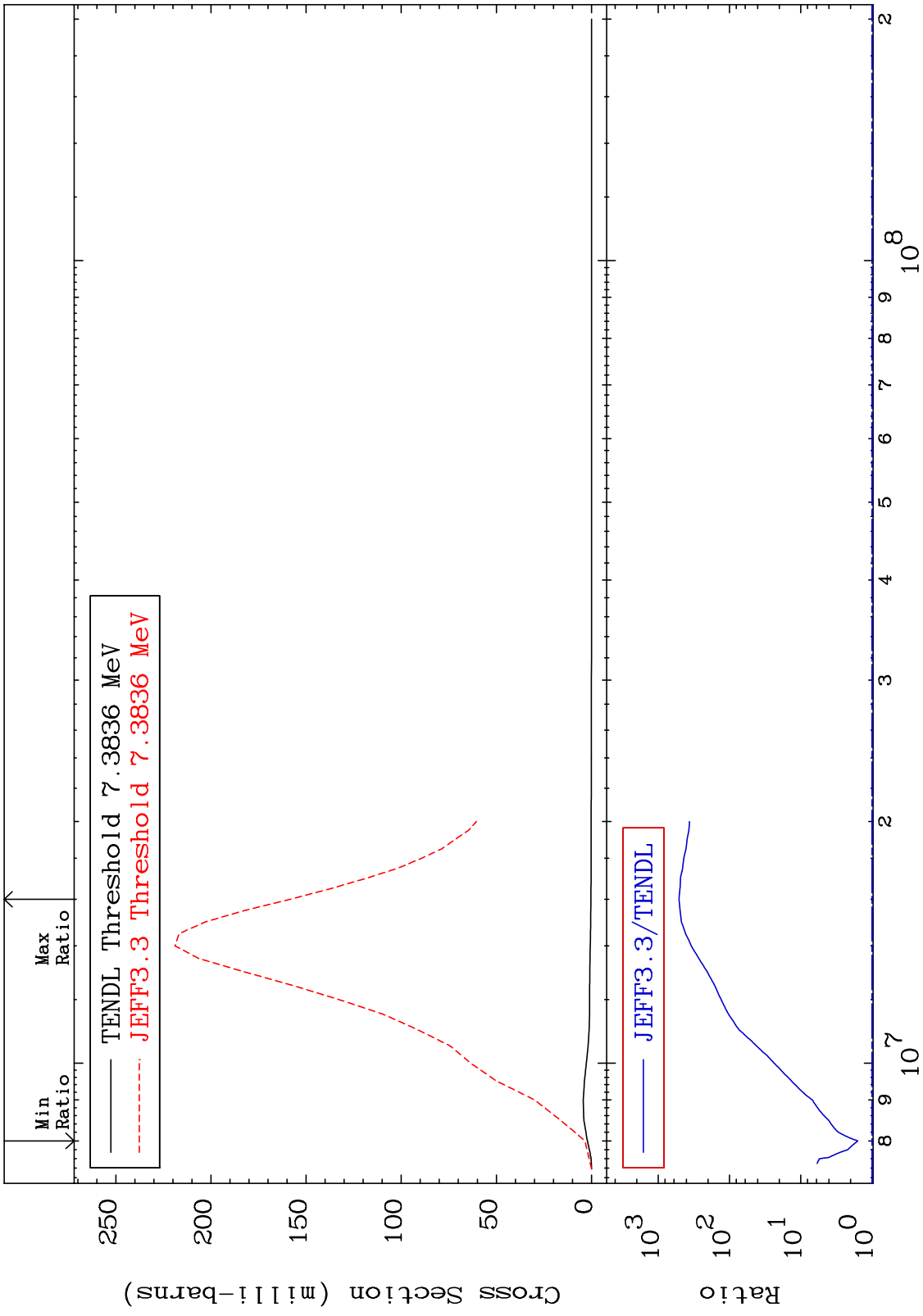
— JEFF3.3/TENDL

Cross Section (barns)

Ratio

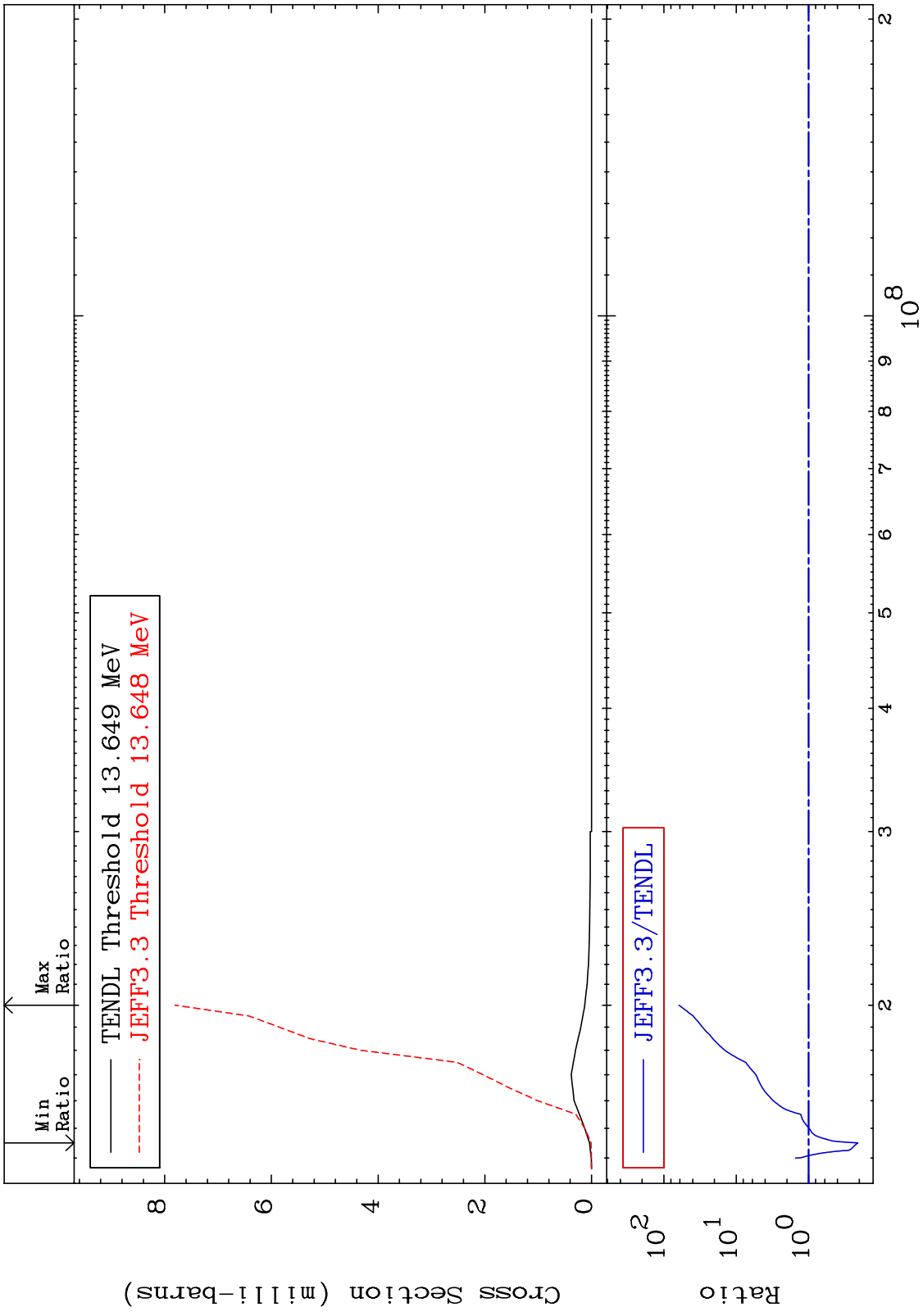


MAT 9428 (n,2n) 94-Pu-236  
Cross Section 57.77 To 9999. %



4 Incident Energy (eV) 94-Pu-236

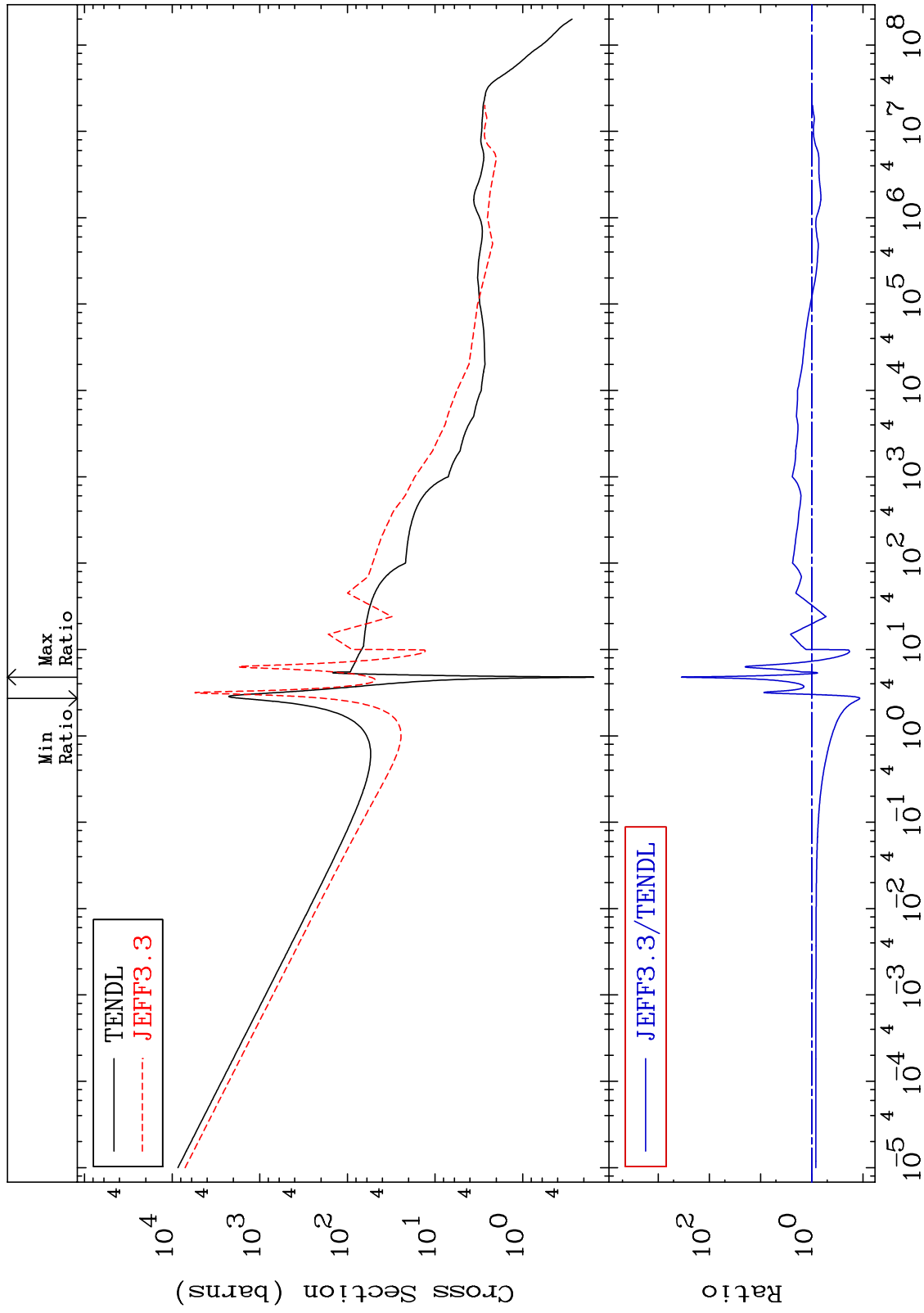
MAT 9428 (n,3n) 94-Pu-236  
 Cross Section -79.08 To 6072. %



MAT 9428

Fission  
Cross Section

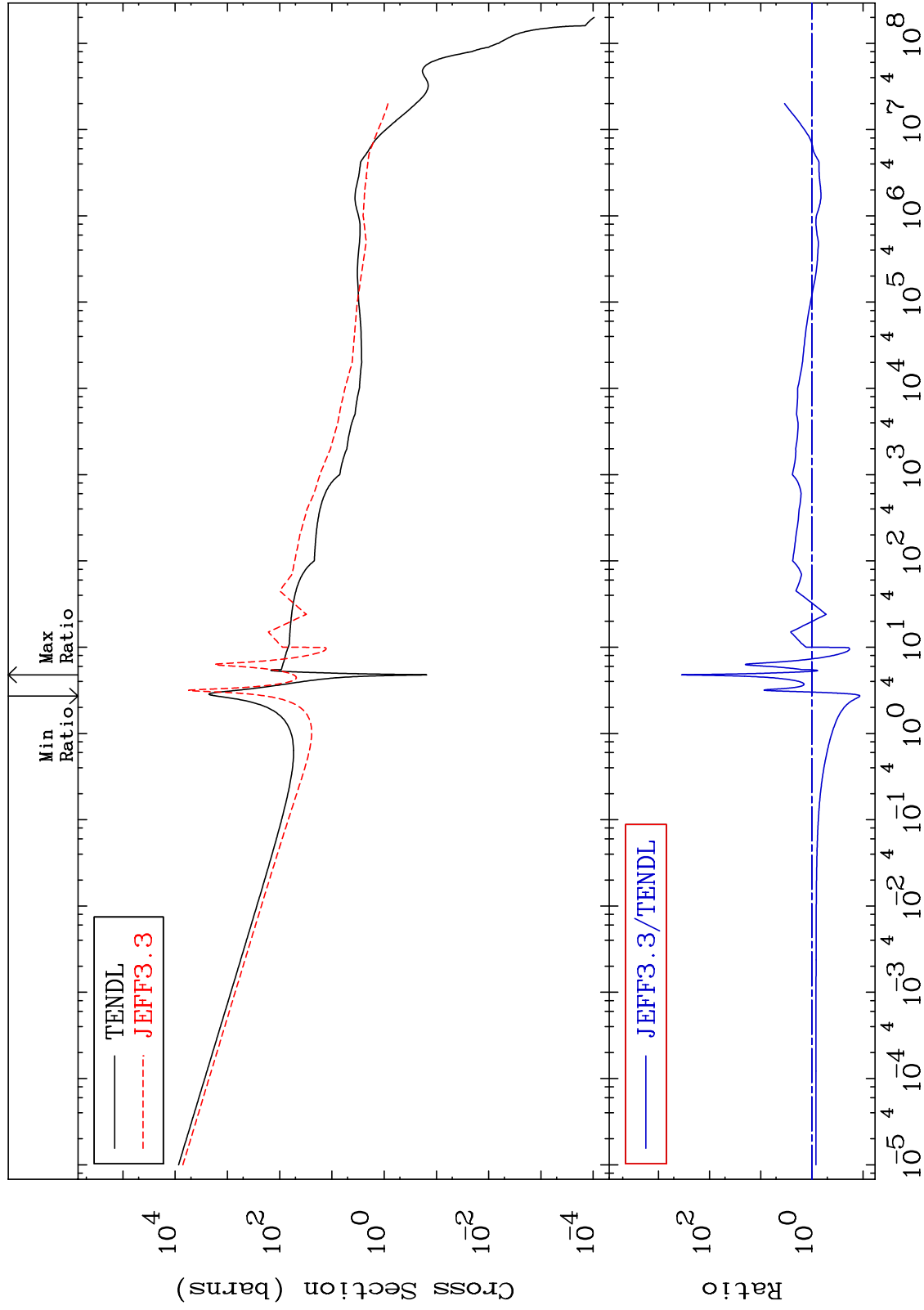
94-Pu-236  
-88.49 To 9999. %



MAT 9428

(n,f) First Chance  
Cross Section

94-Pu-236  
-88.49 To 9999. %



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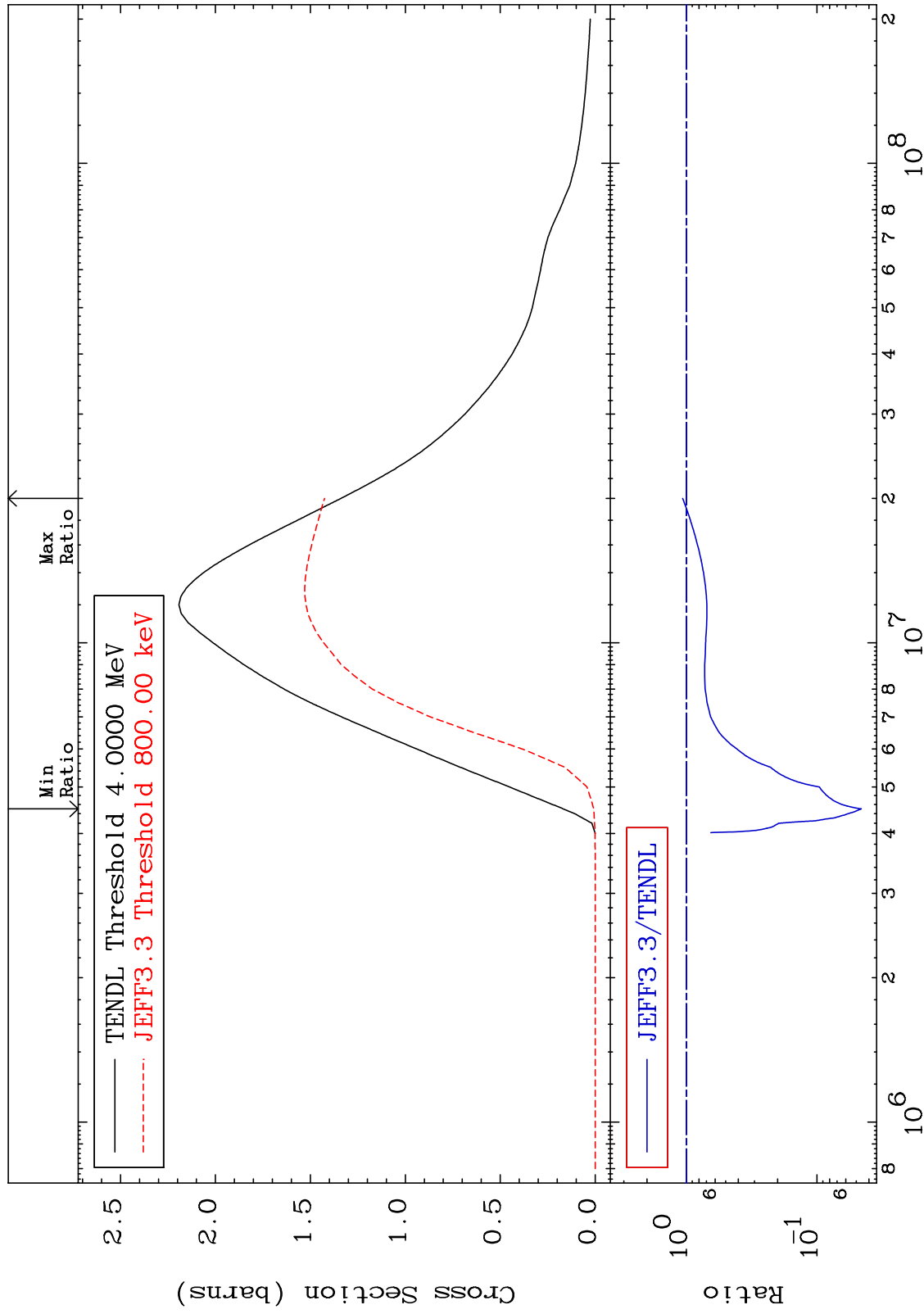
Incident Energy (eV)

94-Pu-236

MAT 9428

(n, nf) Second Chance  
Cross Section

94-Pu-236  
-95.44 To 6.501 %



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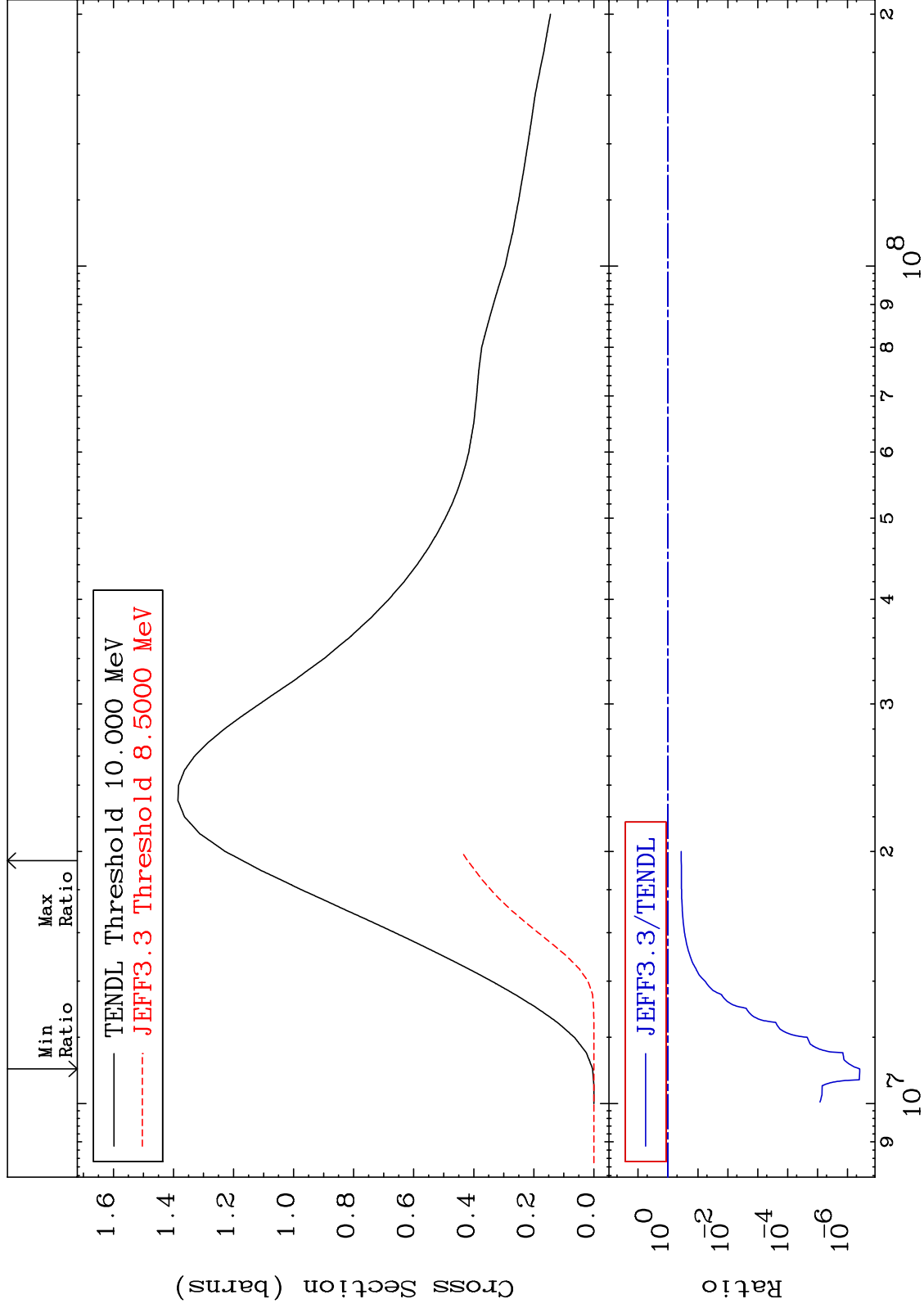
Incident Energy (eV)

94-Pu-236

MAT 9428

(n,2nf) Third Chance  
Cross Section

94-Pu-236  
-100.0 To -64.04%



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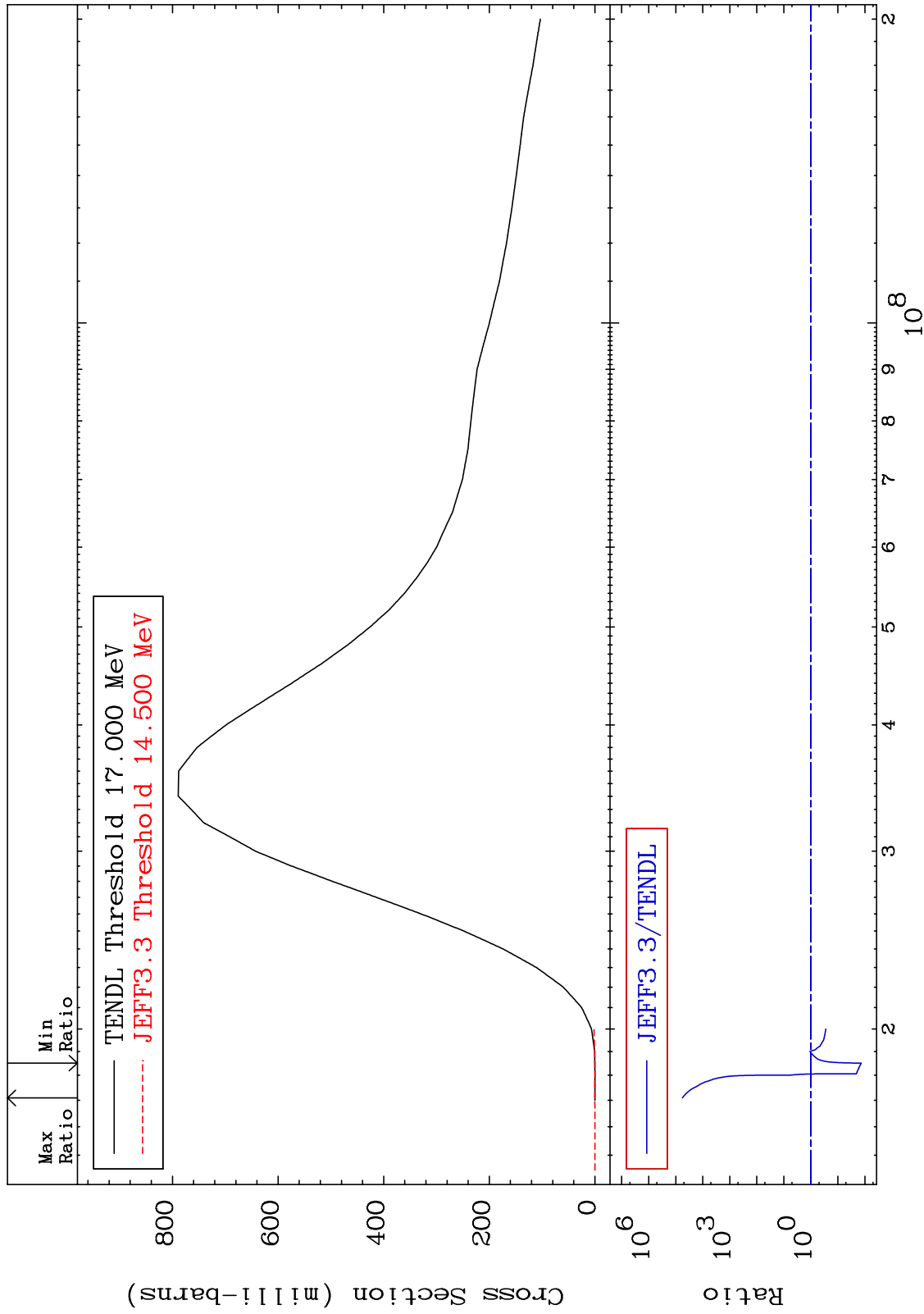
Incident Energy (eV)

94-Pu-236

MAT 9428

(n,3nf) Fourth Chance  
Cross Section

94-Pu-236  
-98.64 To 9999. %

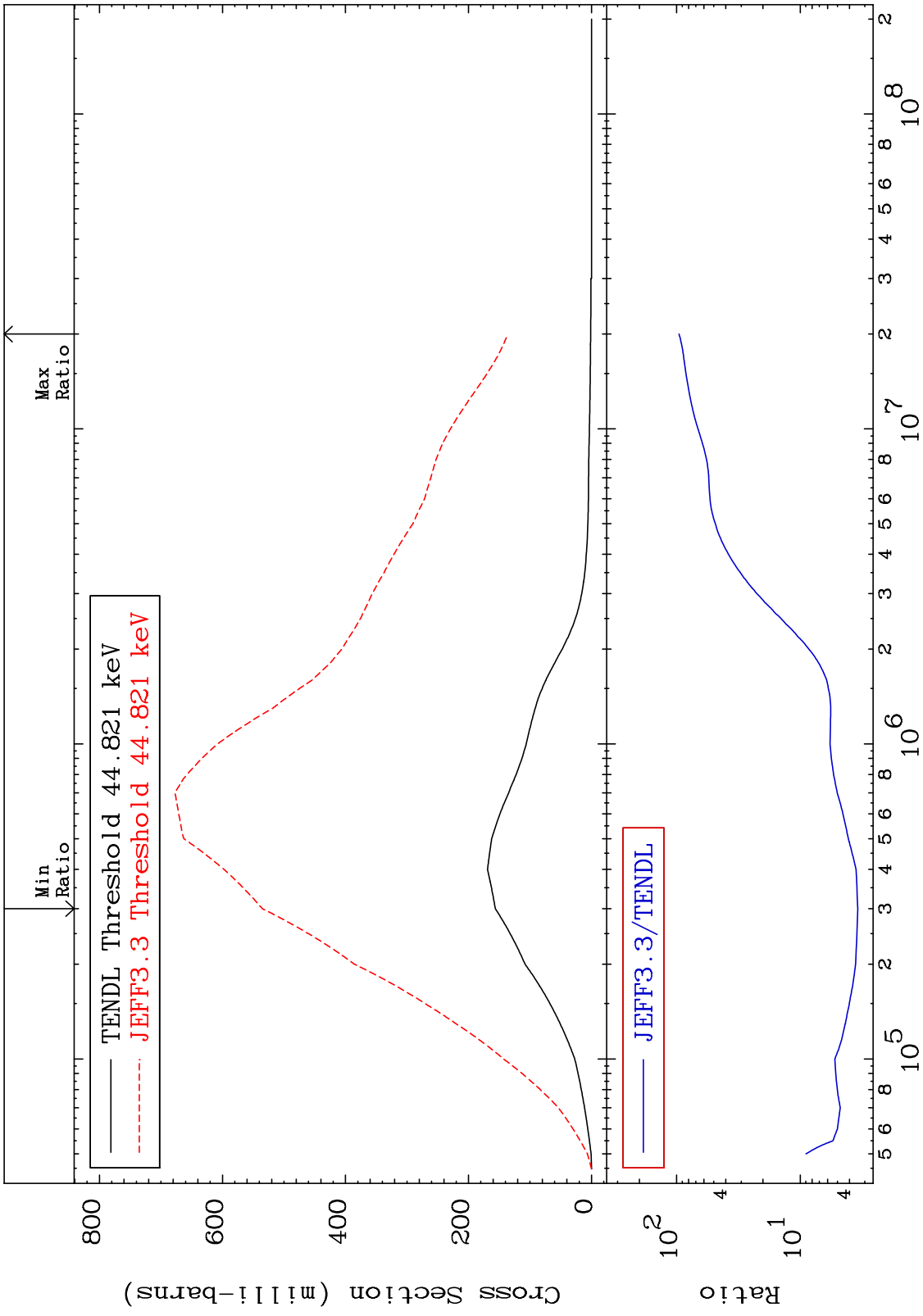


10

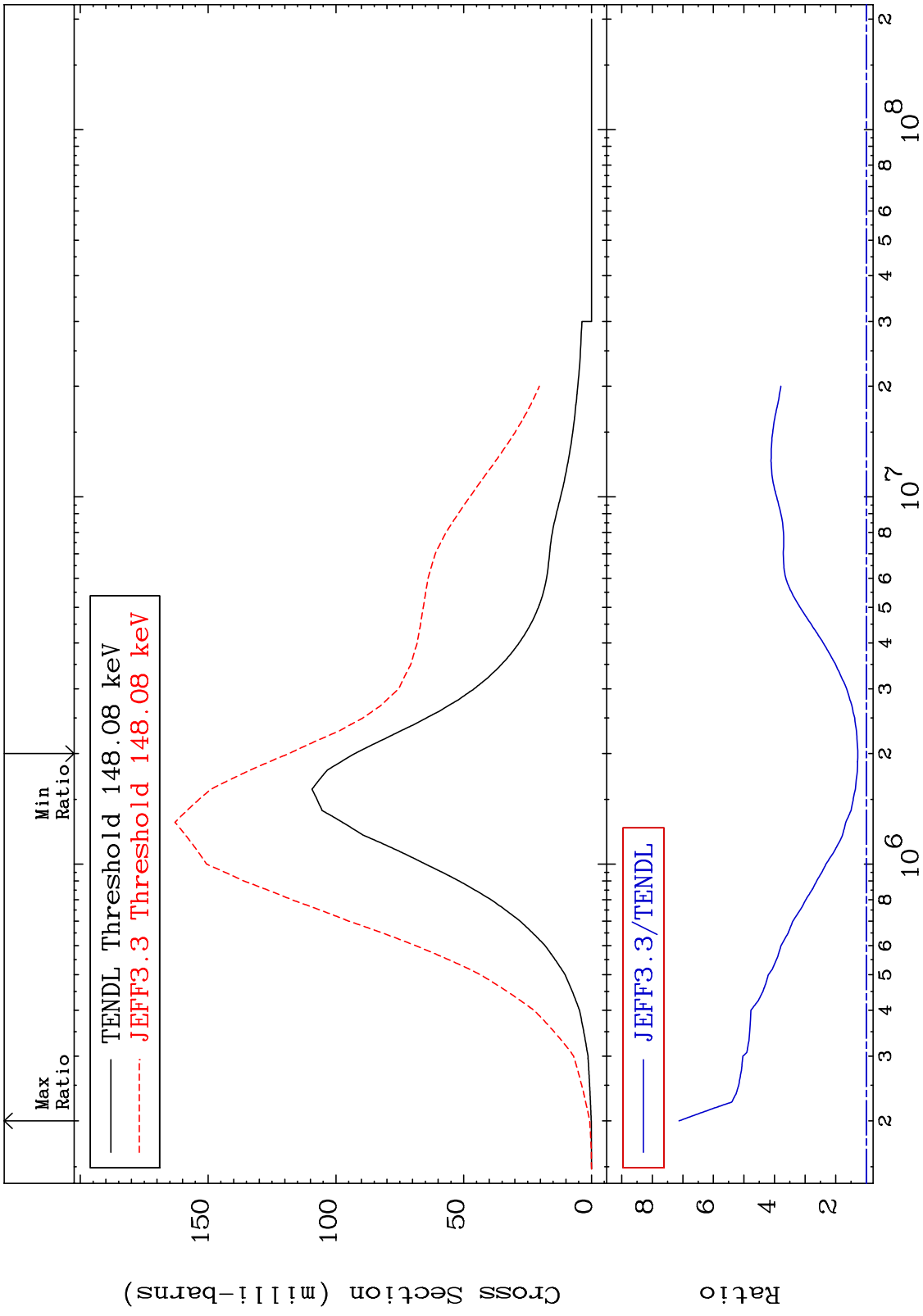
Incident Energy (eV)

94-Pu-236

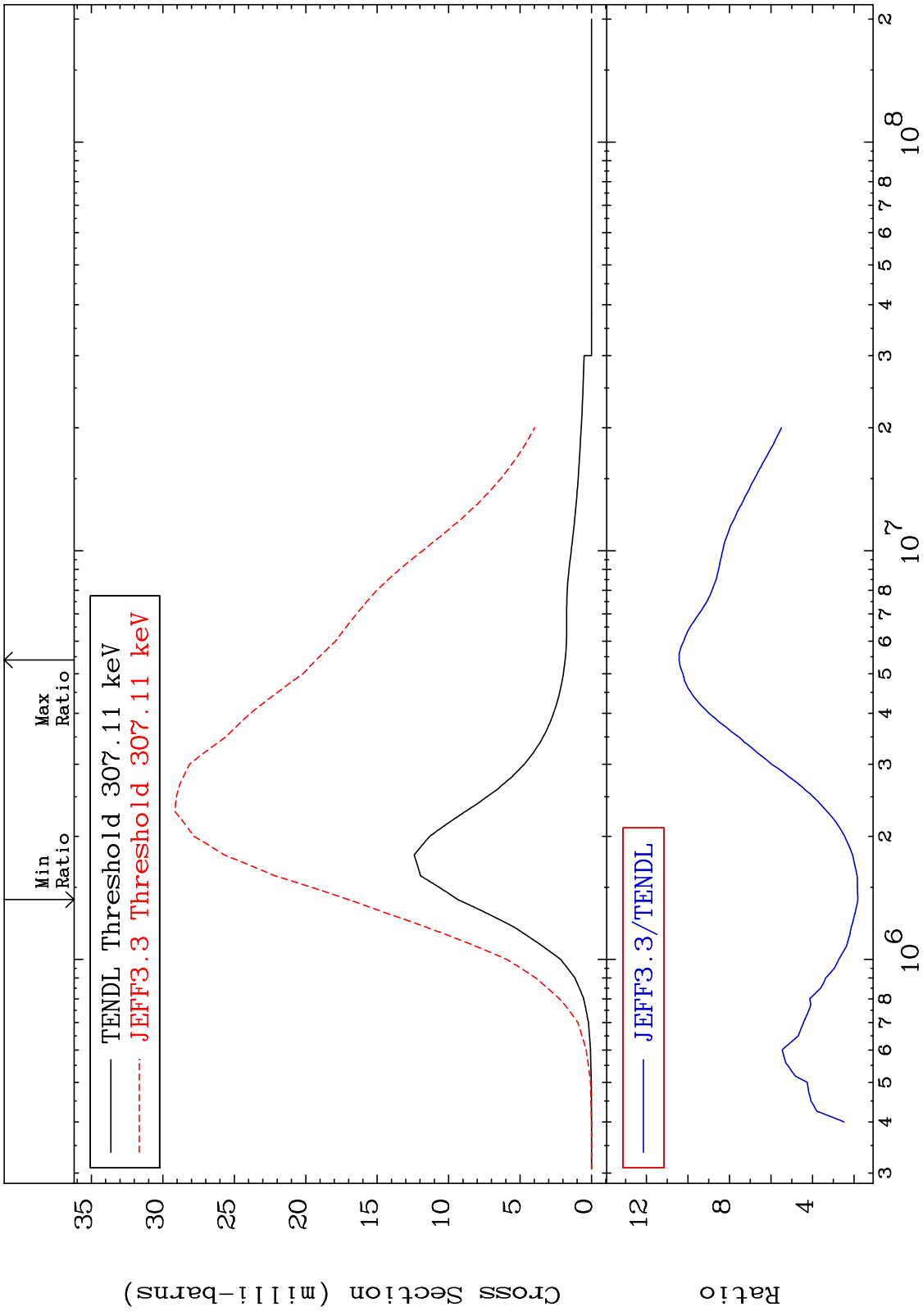
MAT 9428 MT= 51 (n,n') Level Cross Section 94-Pu-236  
 242.0 To 9446. %



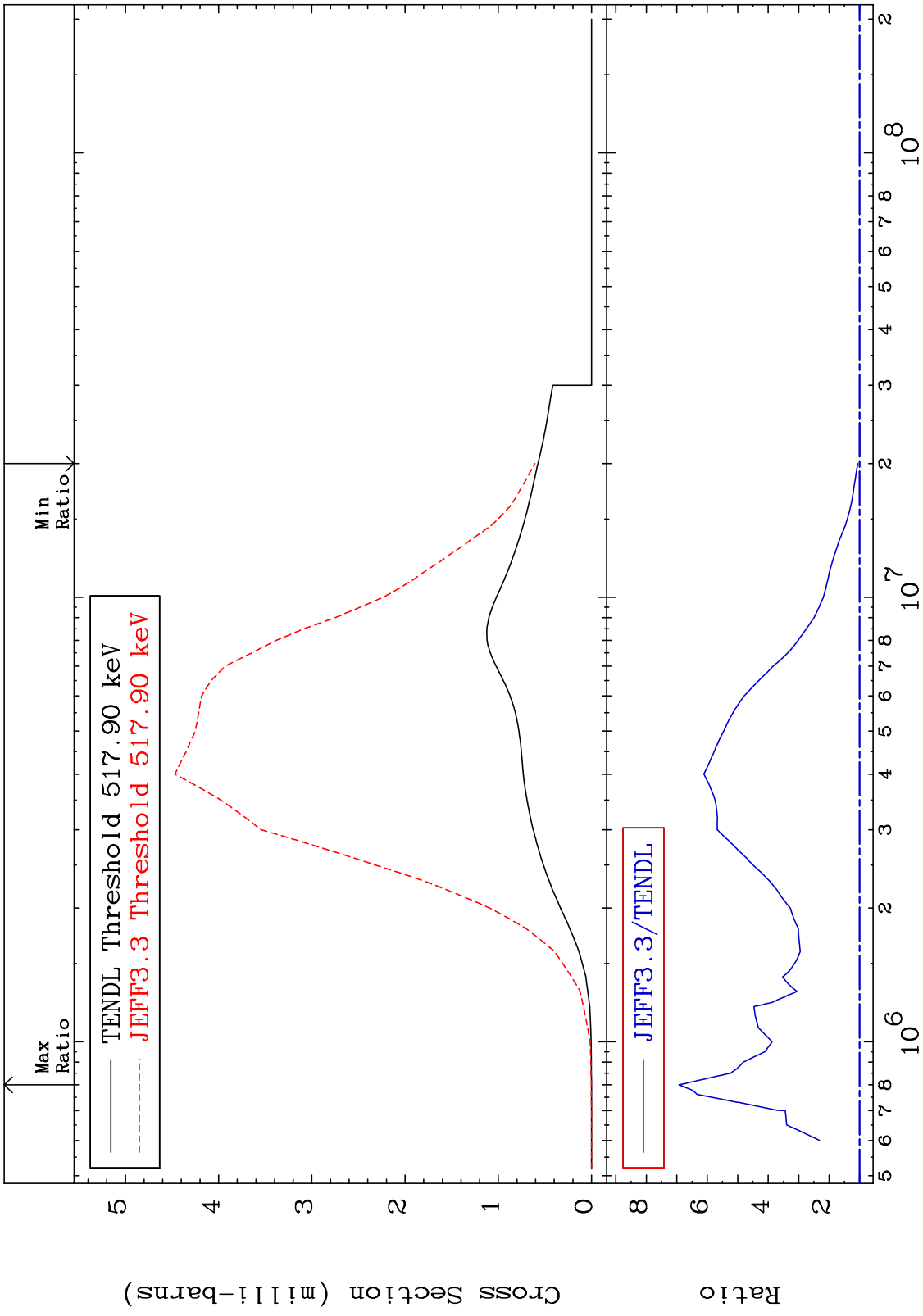
MAT 9428 MT= 52 (n,n') Level Cross Section 94-Pu-236 27.82 To 612.3 %



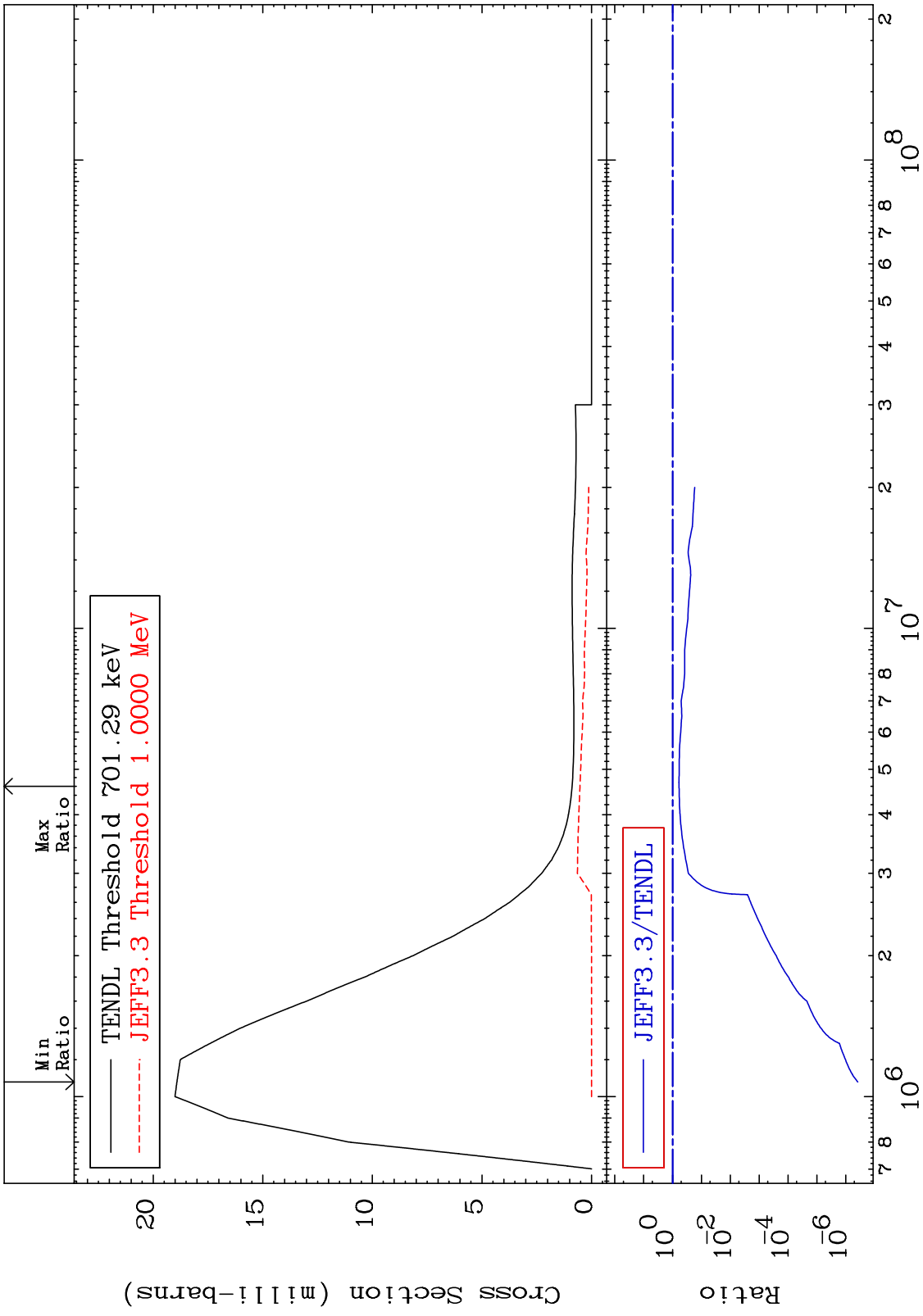
MAT 9428 MT= 53 (n,n') Level Cross Section 81.93 To 942.9 % 94-Pu-236



MAT 9428 MT= 54 (n,n') Level Cross Section 94-Pu-236 To 592.6 %



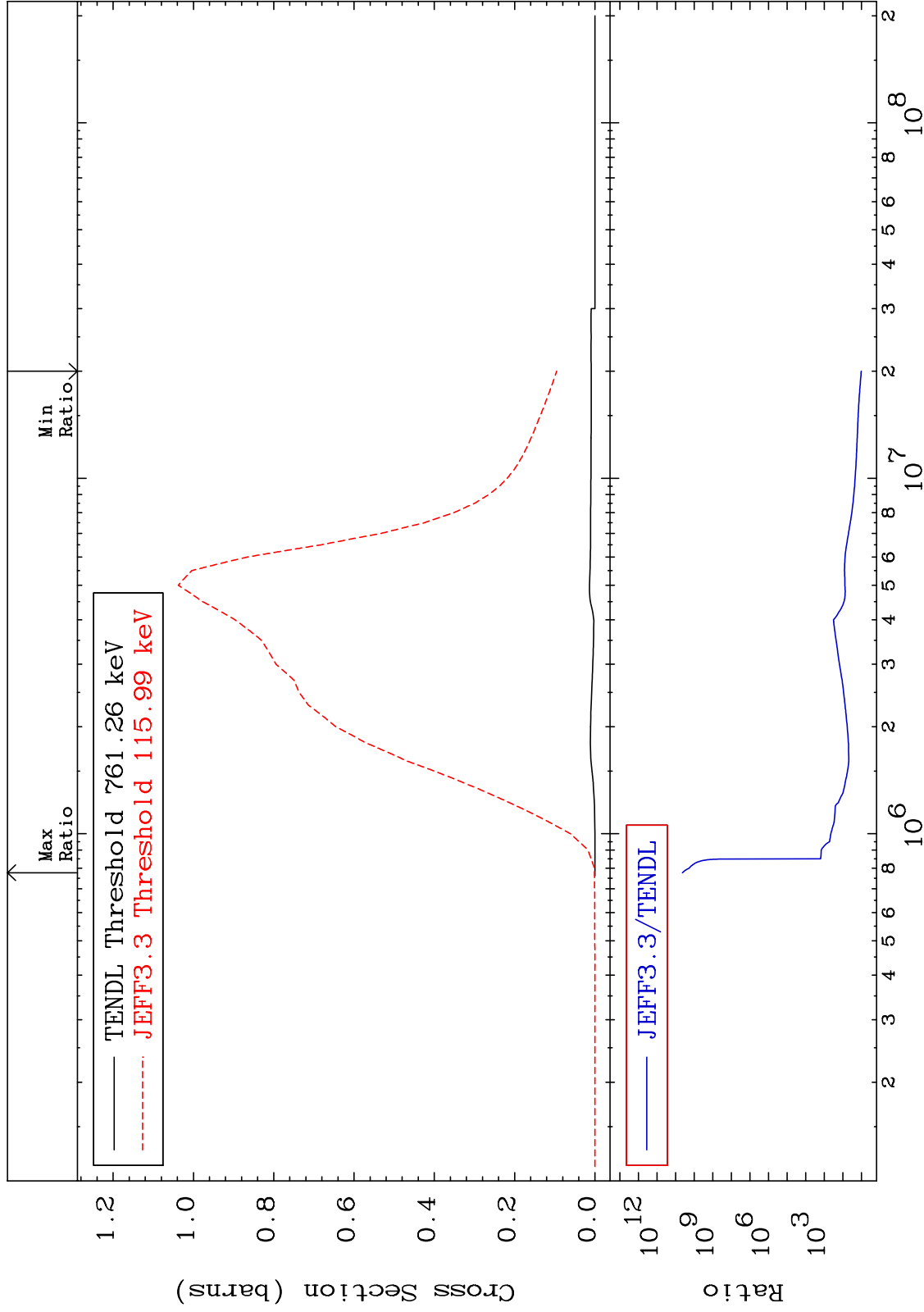
MAT 9428 MT= 55 (n,n') Level Cross Section 94-Pu-236  
 -100.0 To -40.53%



MAT 9428

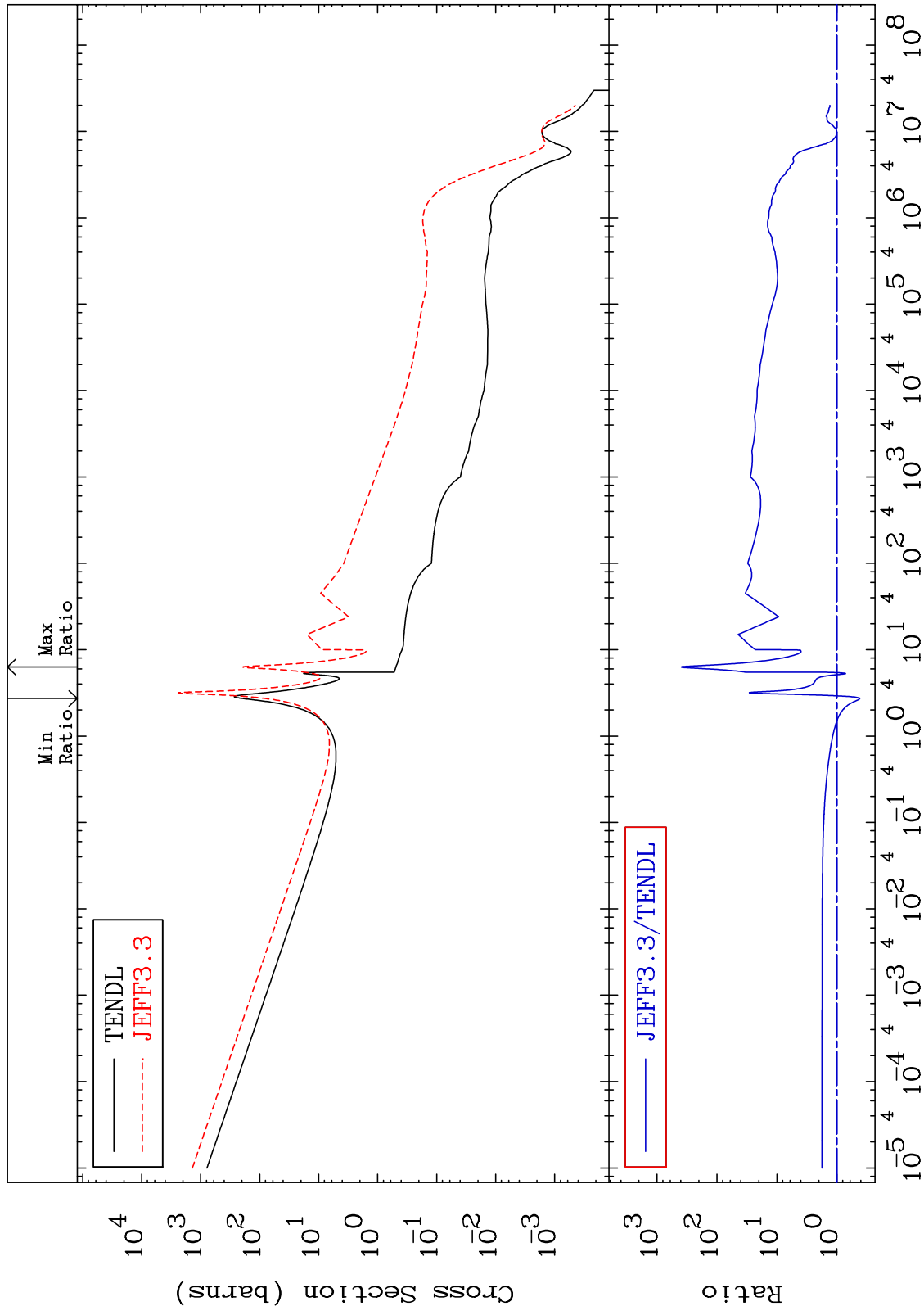
(n,n') Continuum  
Cross Section

94-Pu-236  
917.2 To 9999. %



MAT 9428

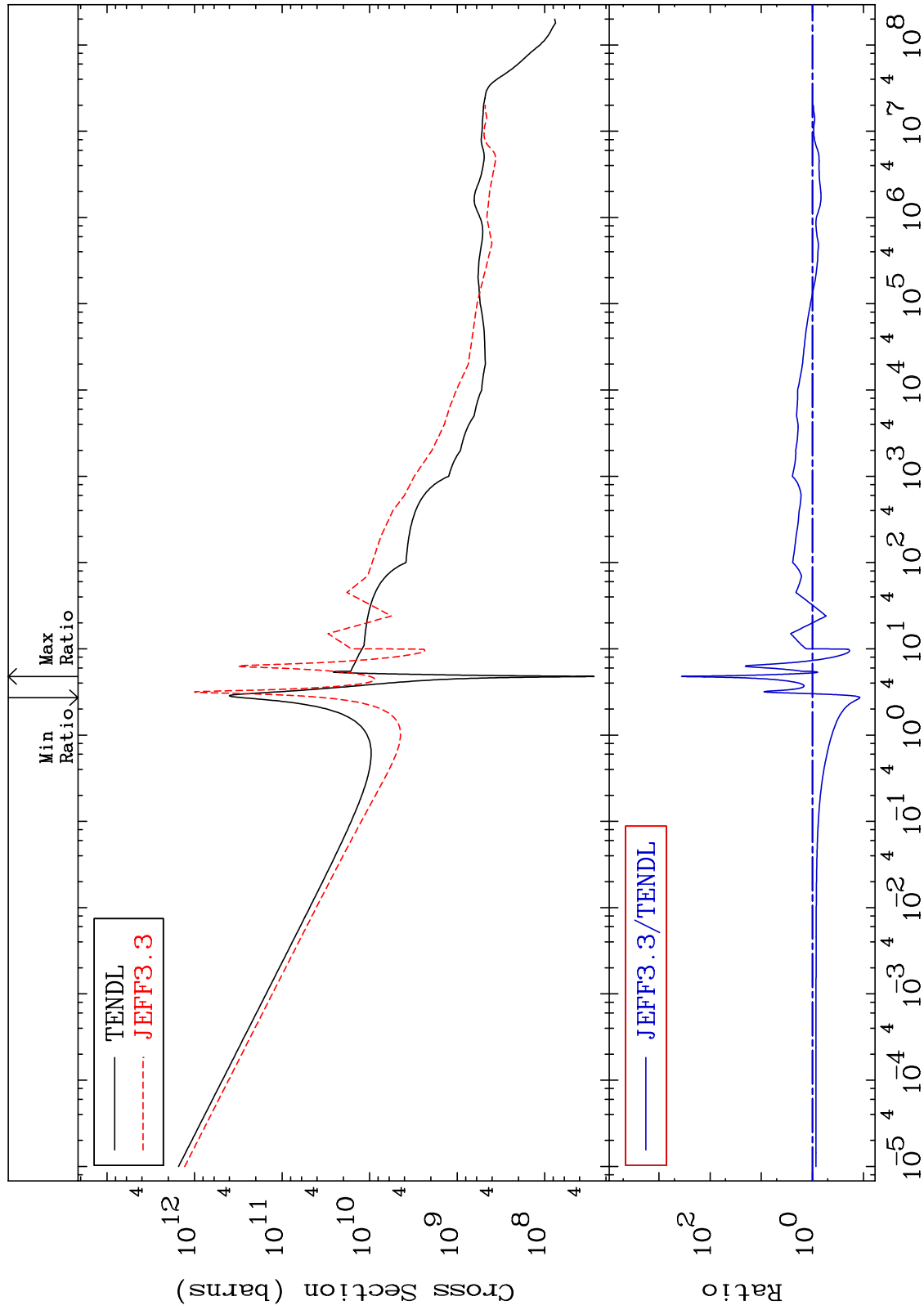
(n,  $\gamma$ ) Cross Section  
94-Pu-236  
-58.48 To 9999. %



MAT 9428

Kerma total (eV-barns)  
Cross Section

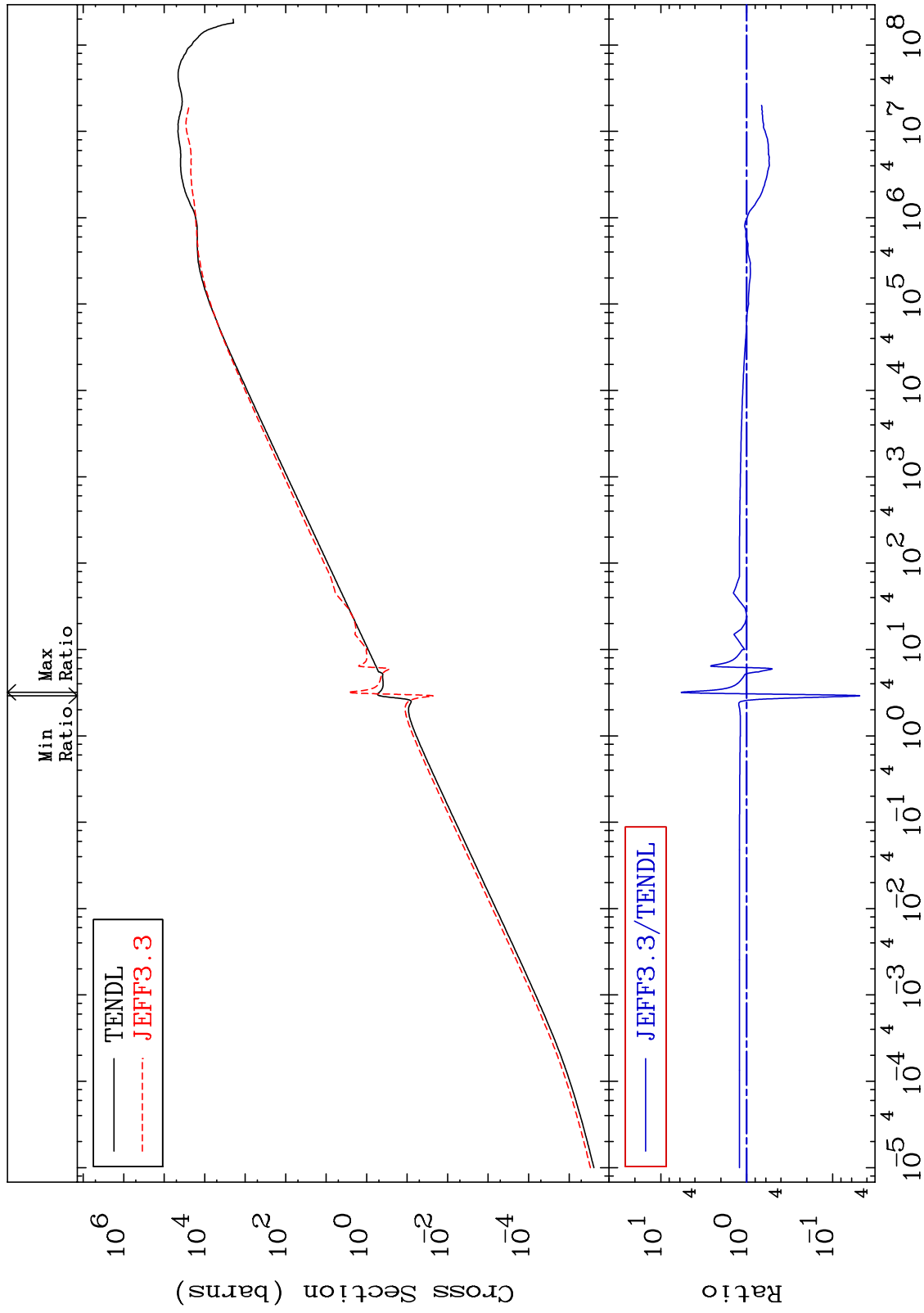
94-Pu-236  
-88.18 To 9999. %



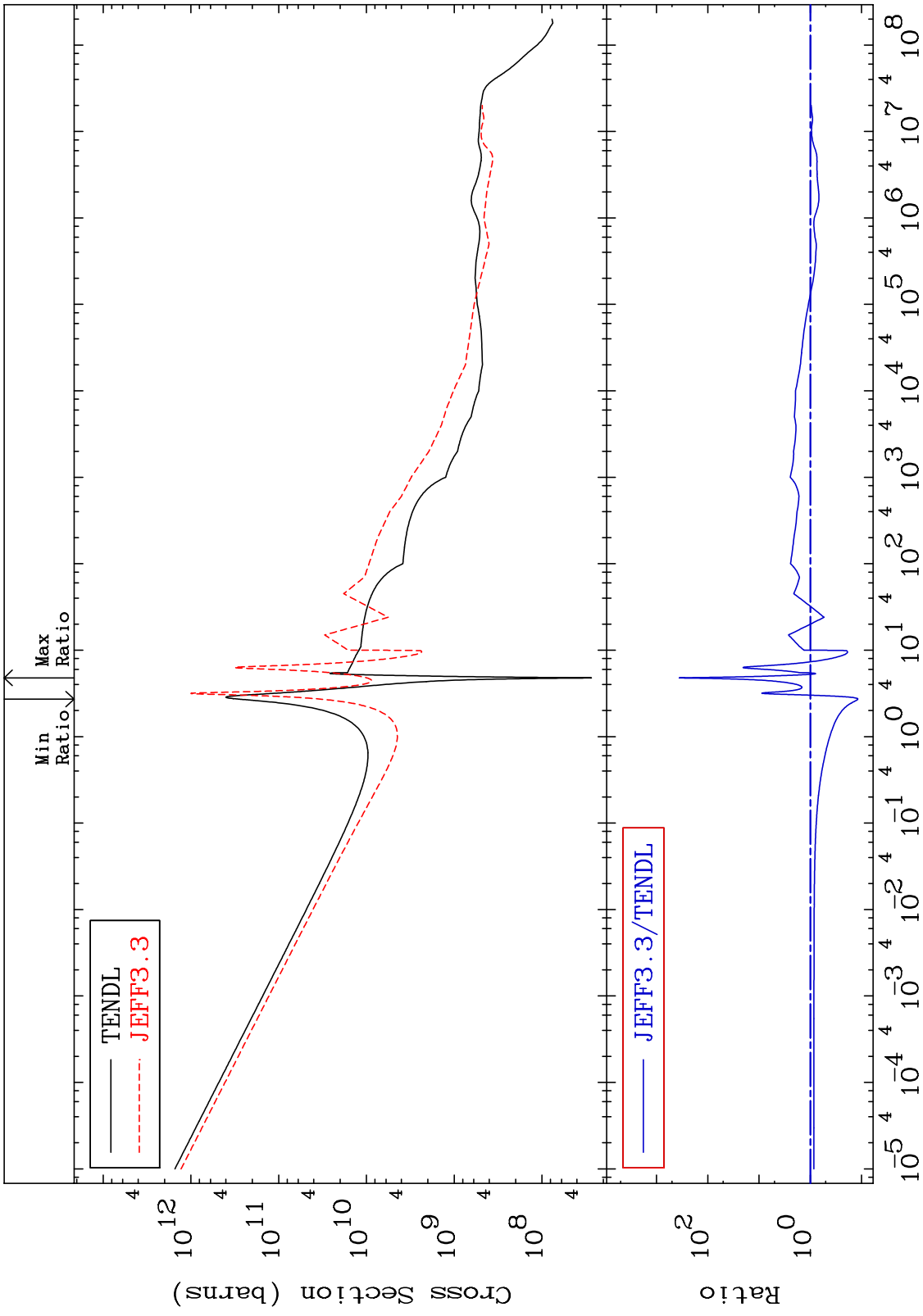
MAT 9428

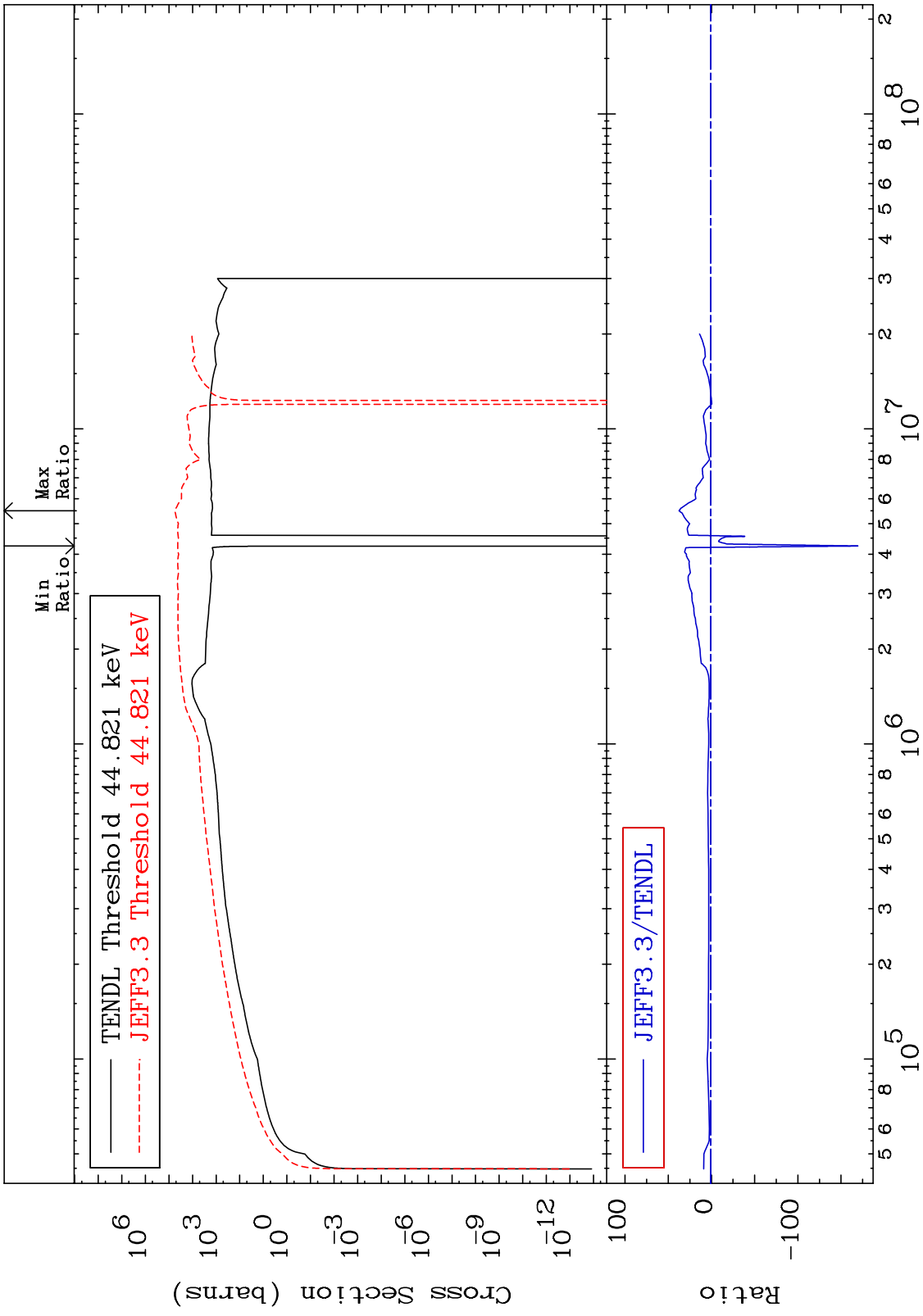
Kerma elastic  
Cross Section

94-Pu-236  
-95.16 To 478.5 %



MAT 9428 Kerma non-elastic (all but mt2) 94-Pu-236  
 Cross Section -88.18 To 9999. %





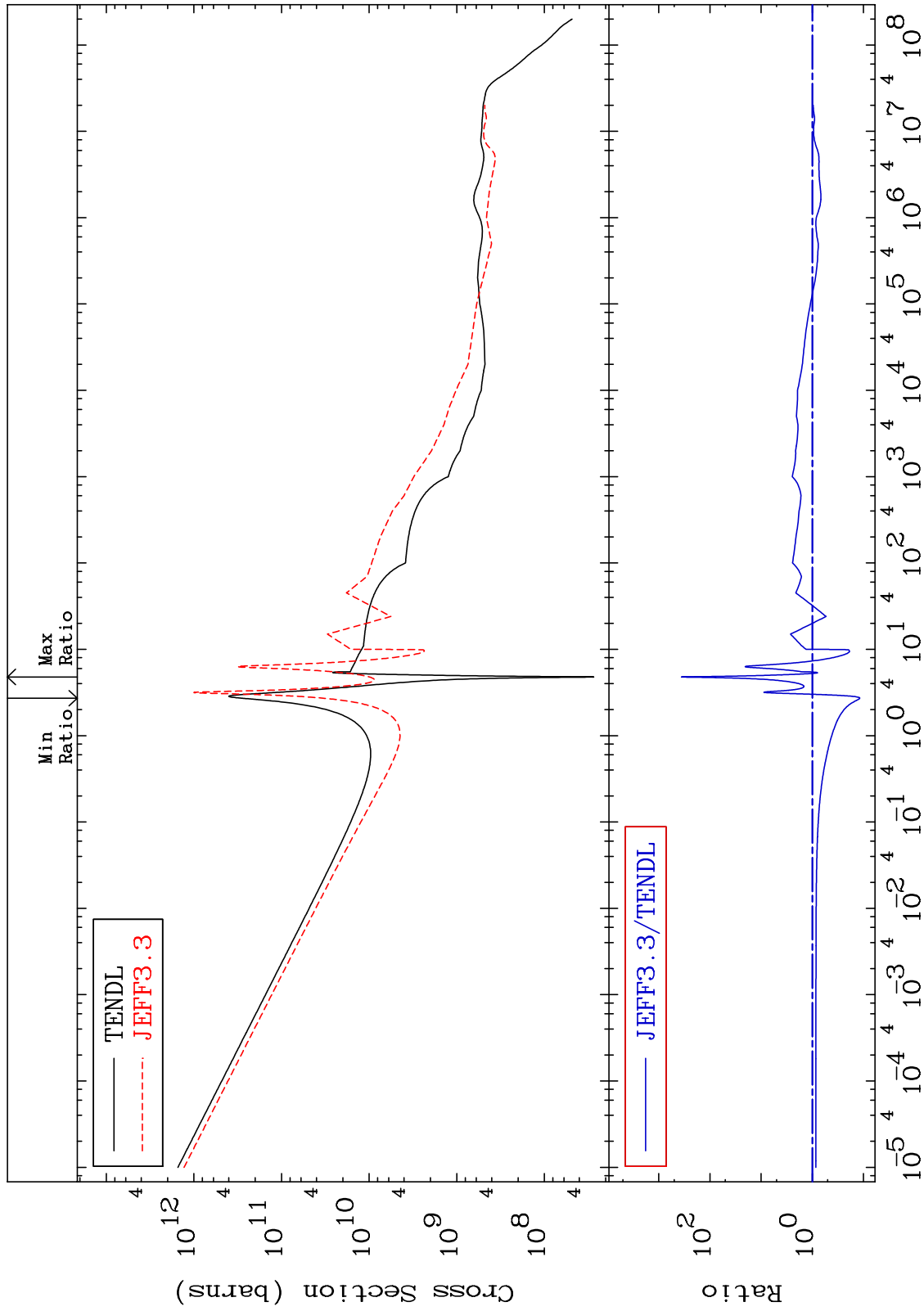
MAT 9428

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

94-Pu-236

-88.18 To 9999. %

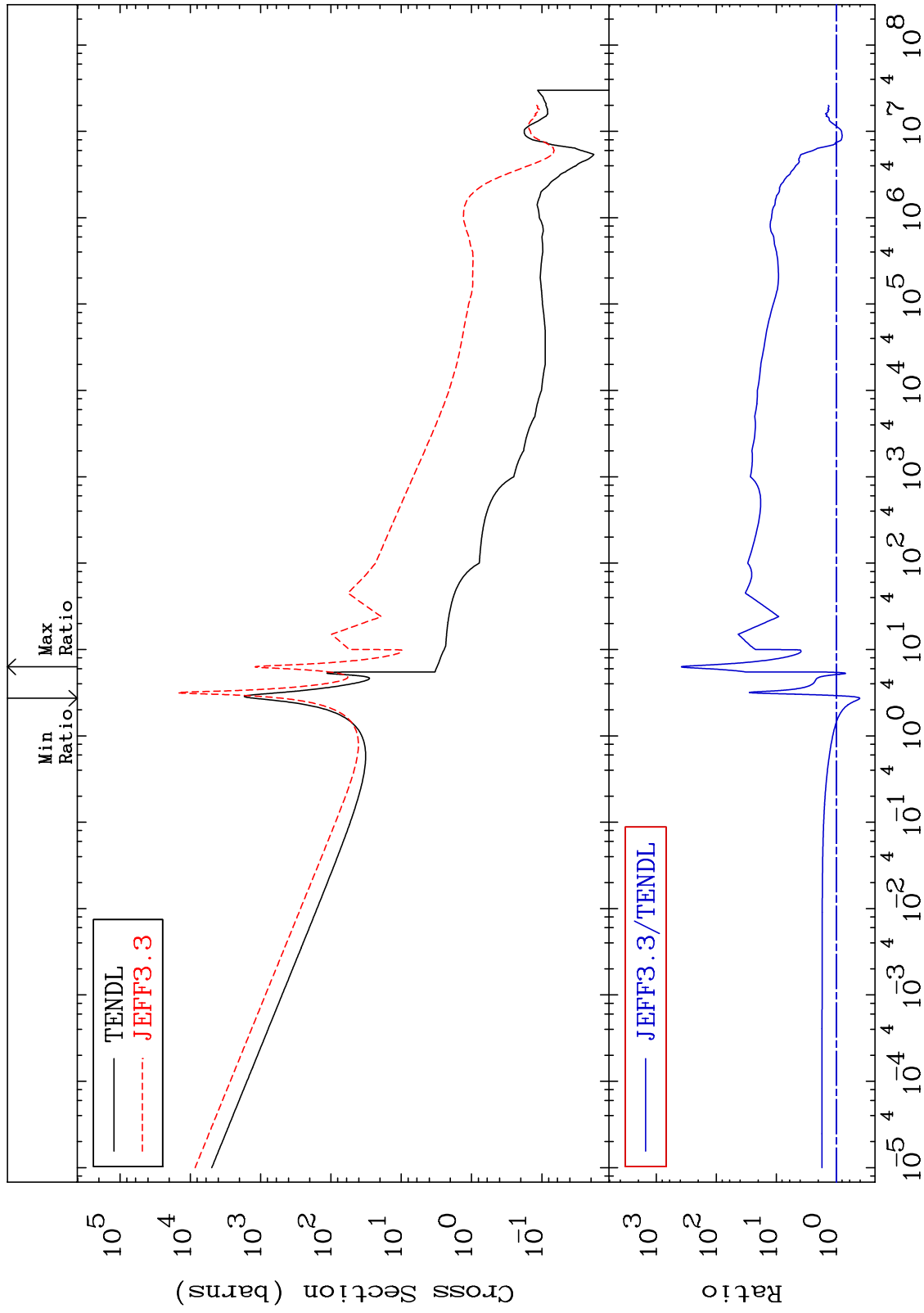
Cross Section



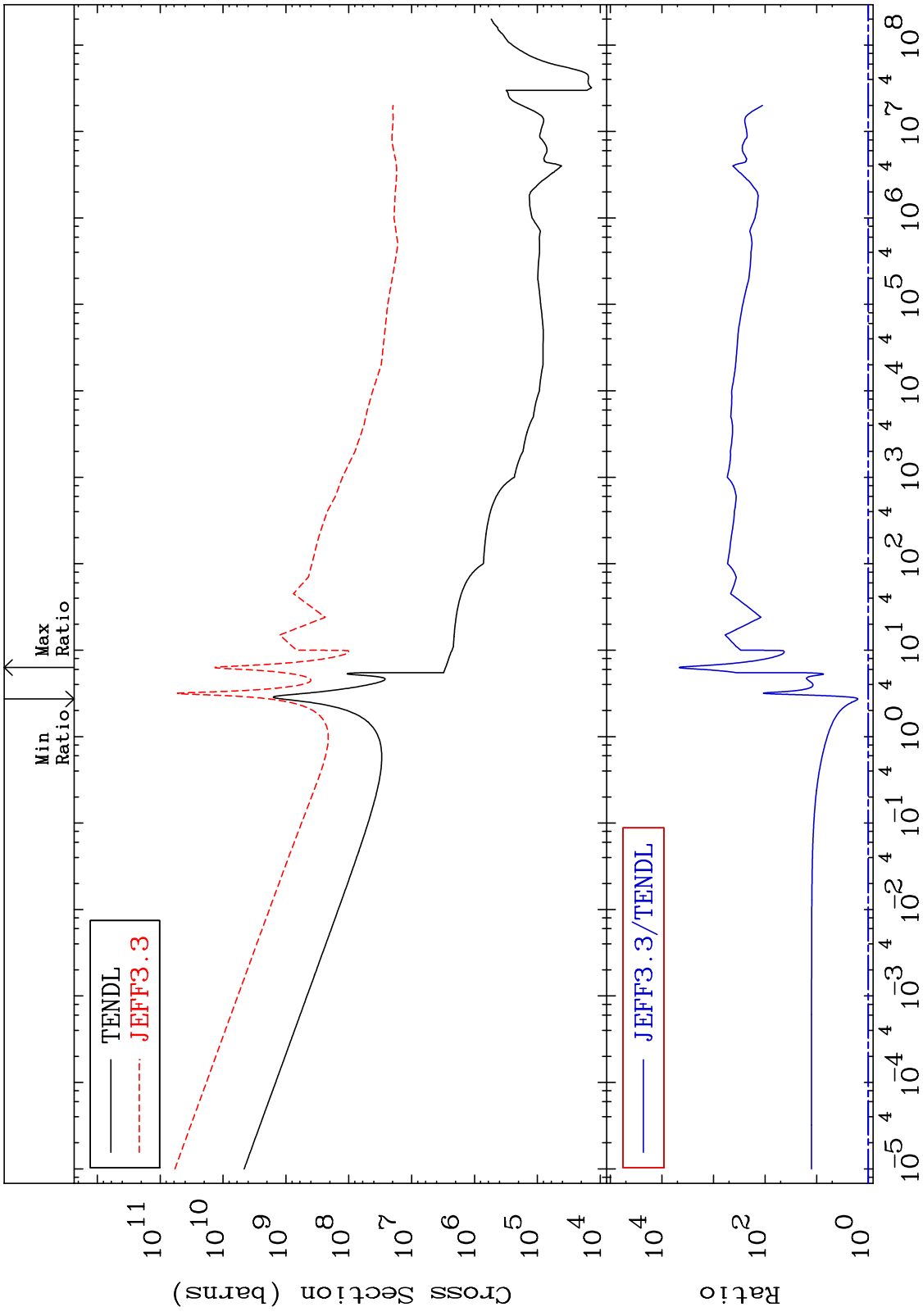
MAT 9428

Kerma capture (mt102)  
Cross Section

94-Pu-236  
-59.42 To 9999. %



MAT 9428 94-Pu-236  
Total photon (eV-barns) 59.91 To 9999. %  
Cross Section

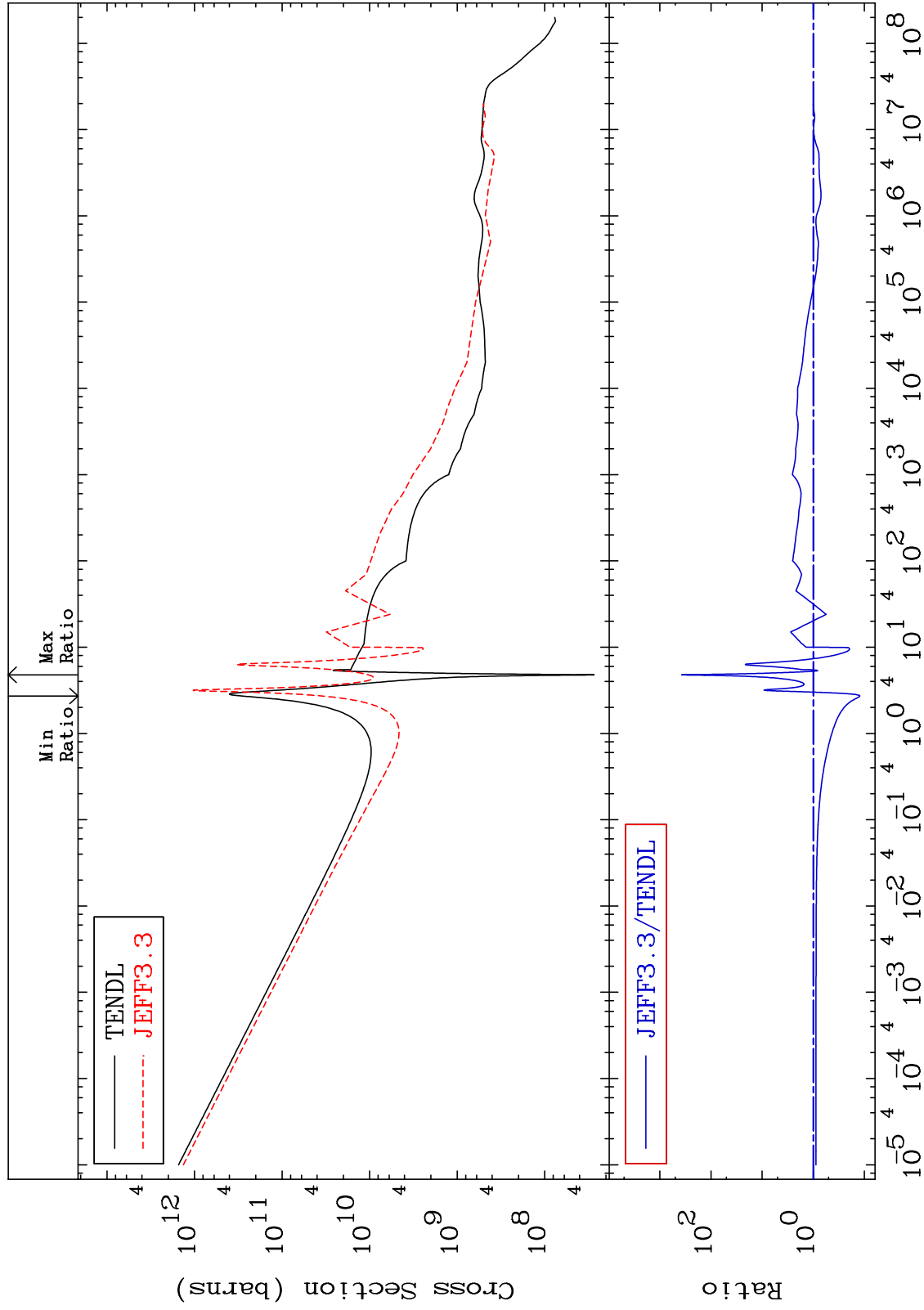


Incident Energy (eV) 94-Pu-236

MAT 9428

Total kinematic kerma (high limit)  
Cross Section

94-Pu-236  
-87.72 To 9999. %



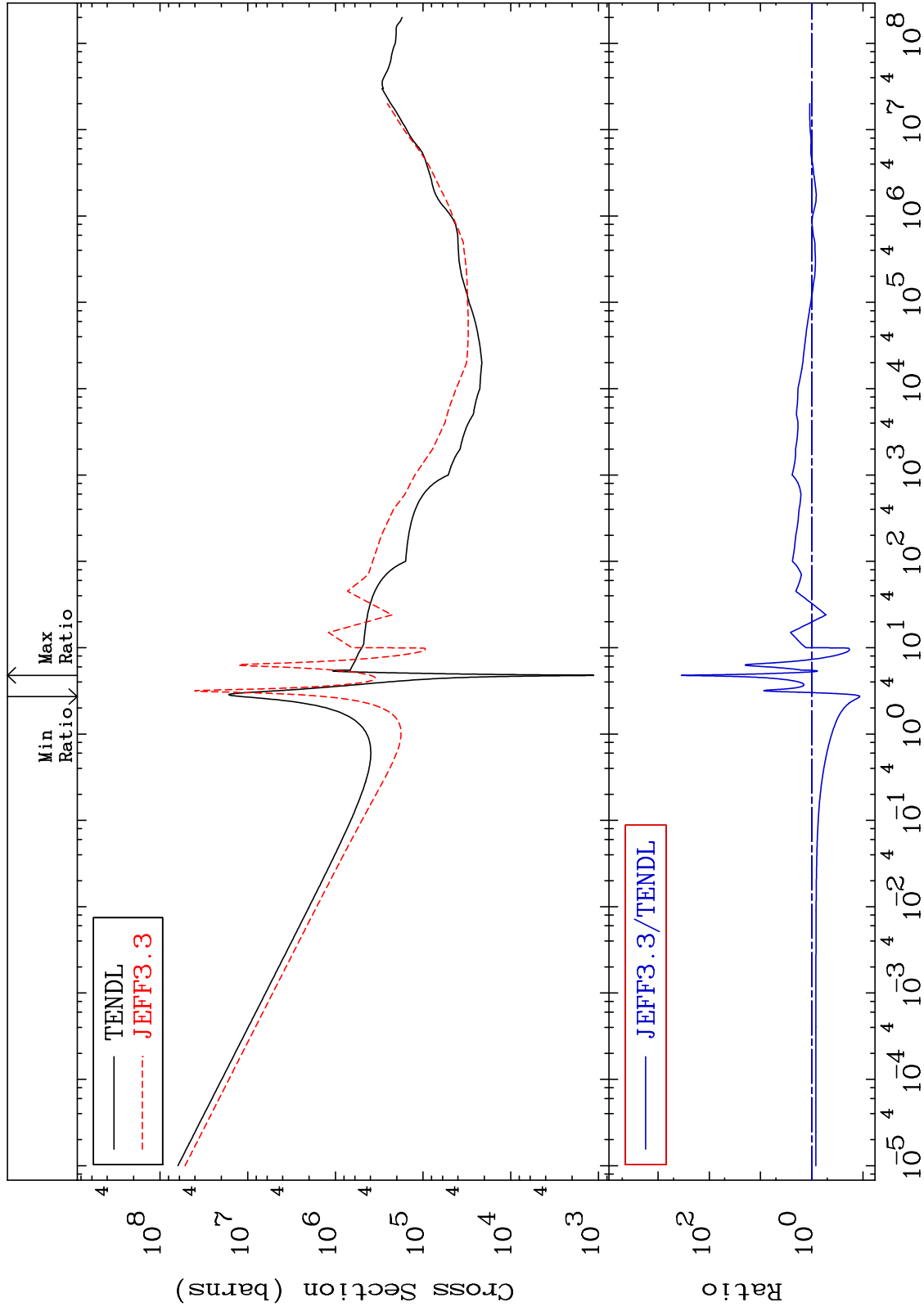
MAT 9428

Dpa total (eV-barns)

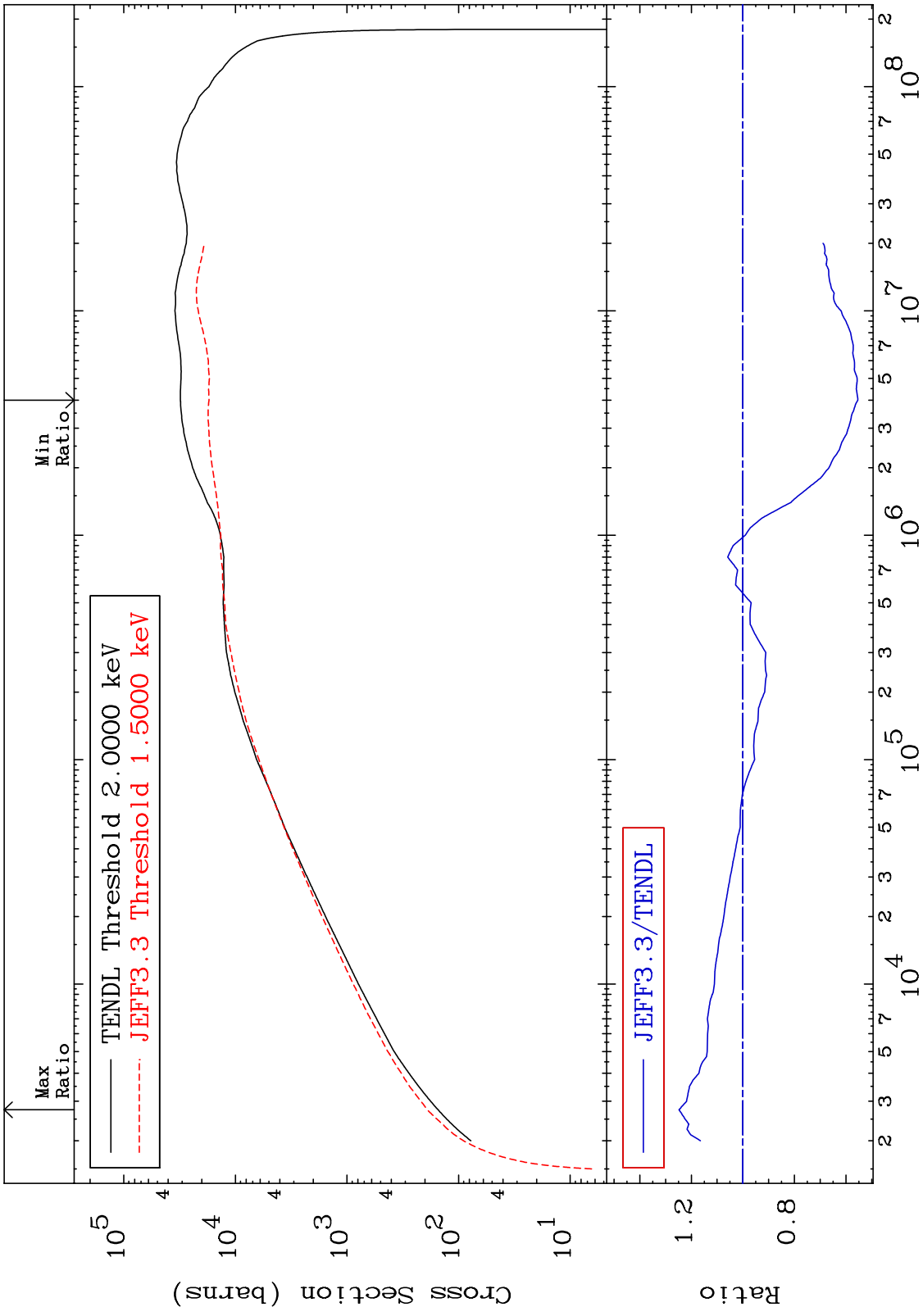
94-Pu-236

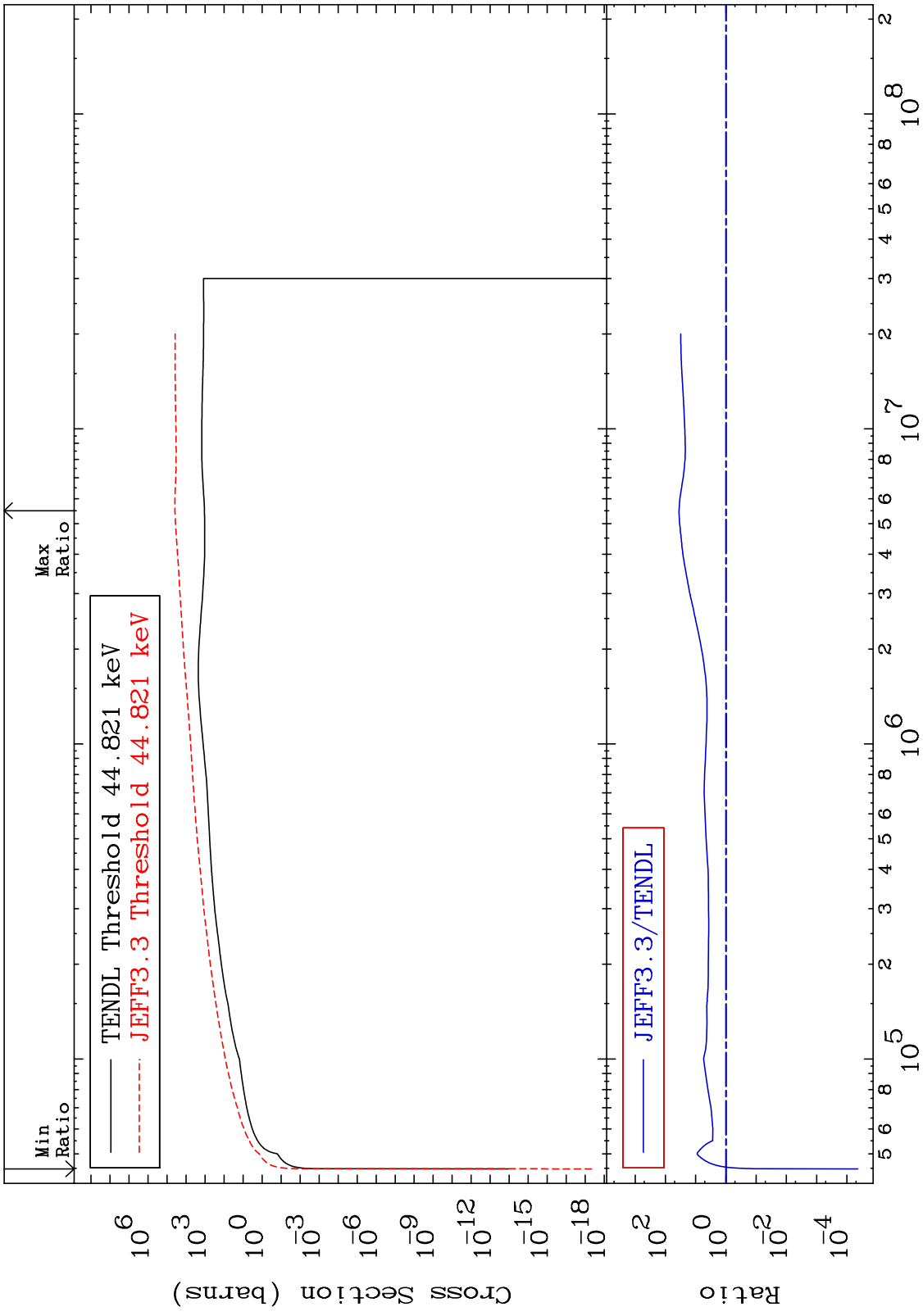
-88.47 To 9999. %

Cross Section



MAT 9428 94-Pu-236  
 Dpa elastic (mt2) -44.61 To 24.77 %  
 Cross Section





MAT 9428      Dpa disappearance (mt102 -120)      94-Pu-236  
 Cross Section      -100.0 To 9999. %

