

Program Complot  
(Version 2018-1)

by

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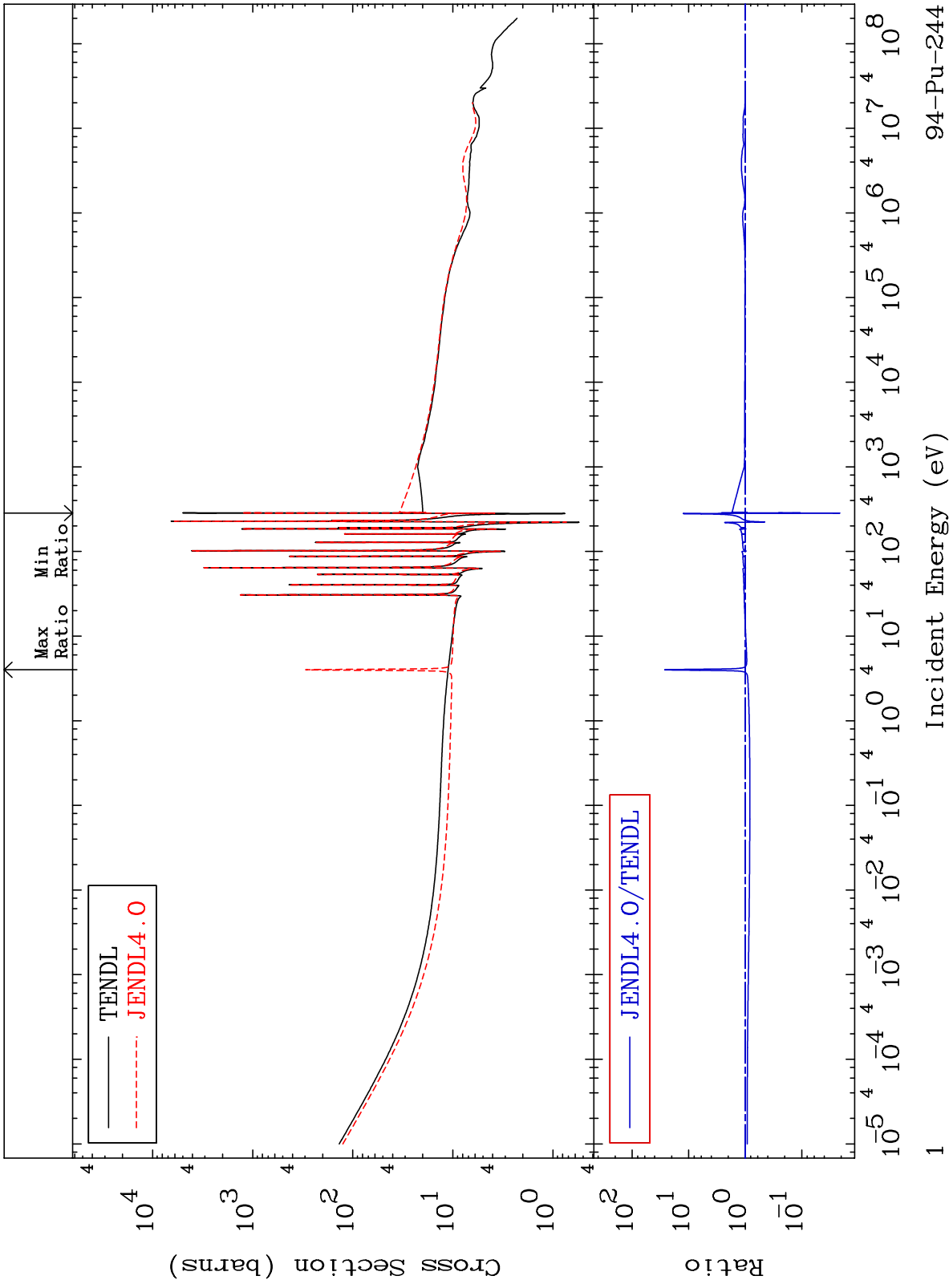
Press Mouse Button to Start

MAT 9452

94-Pu-244

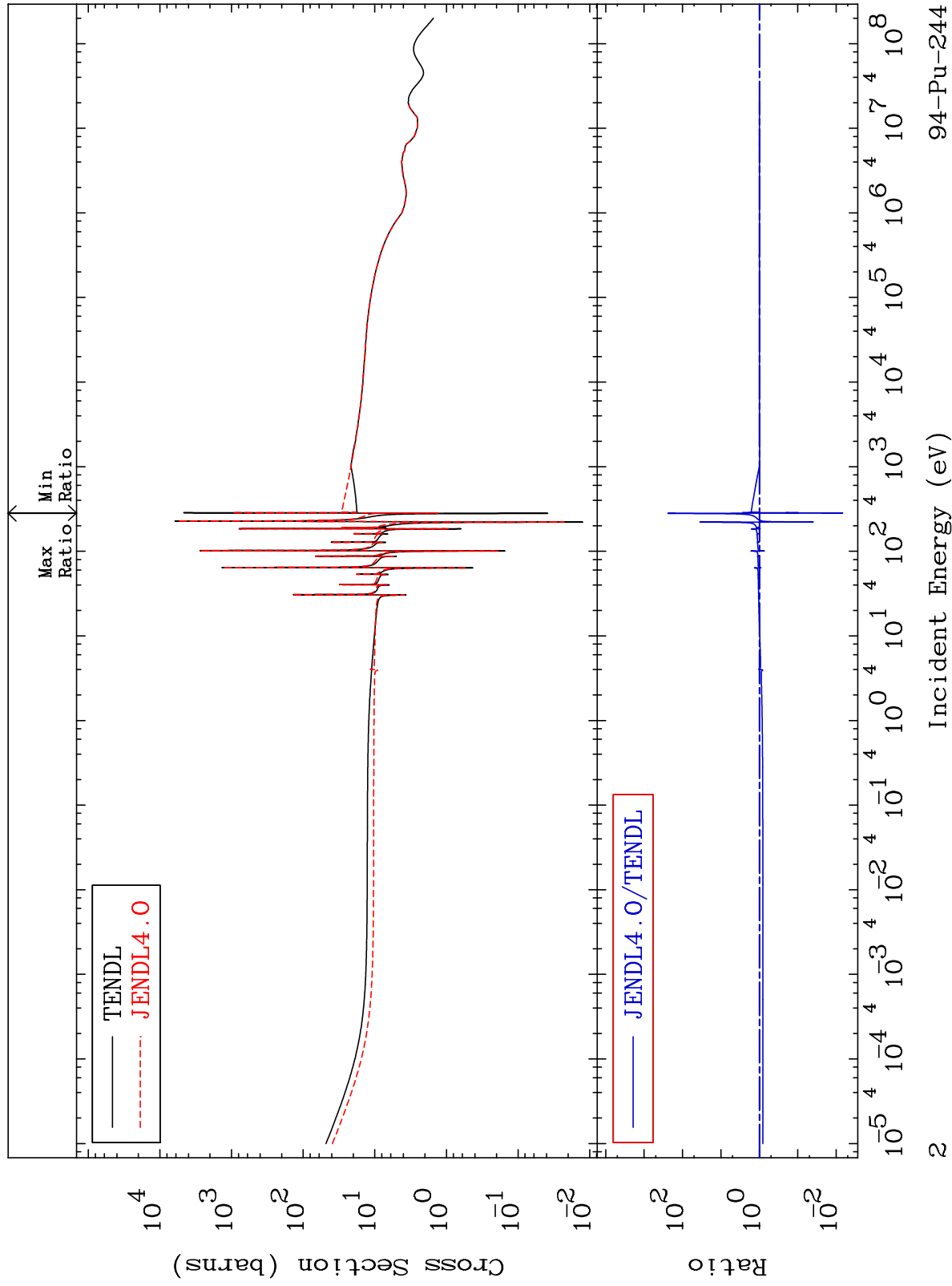
-97.88 To 2559. %

Total  
Cross Section



MAT 9452

Elastic Cross Section  
94-Pu-244  
-99.33 To 9999. %

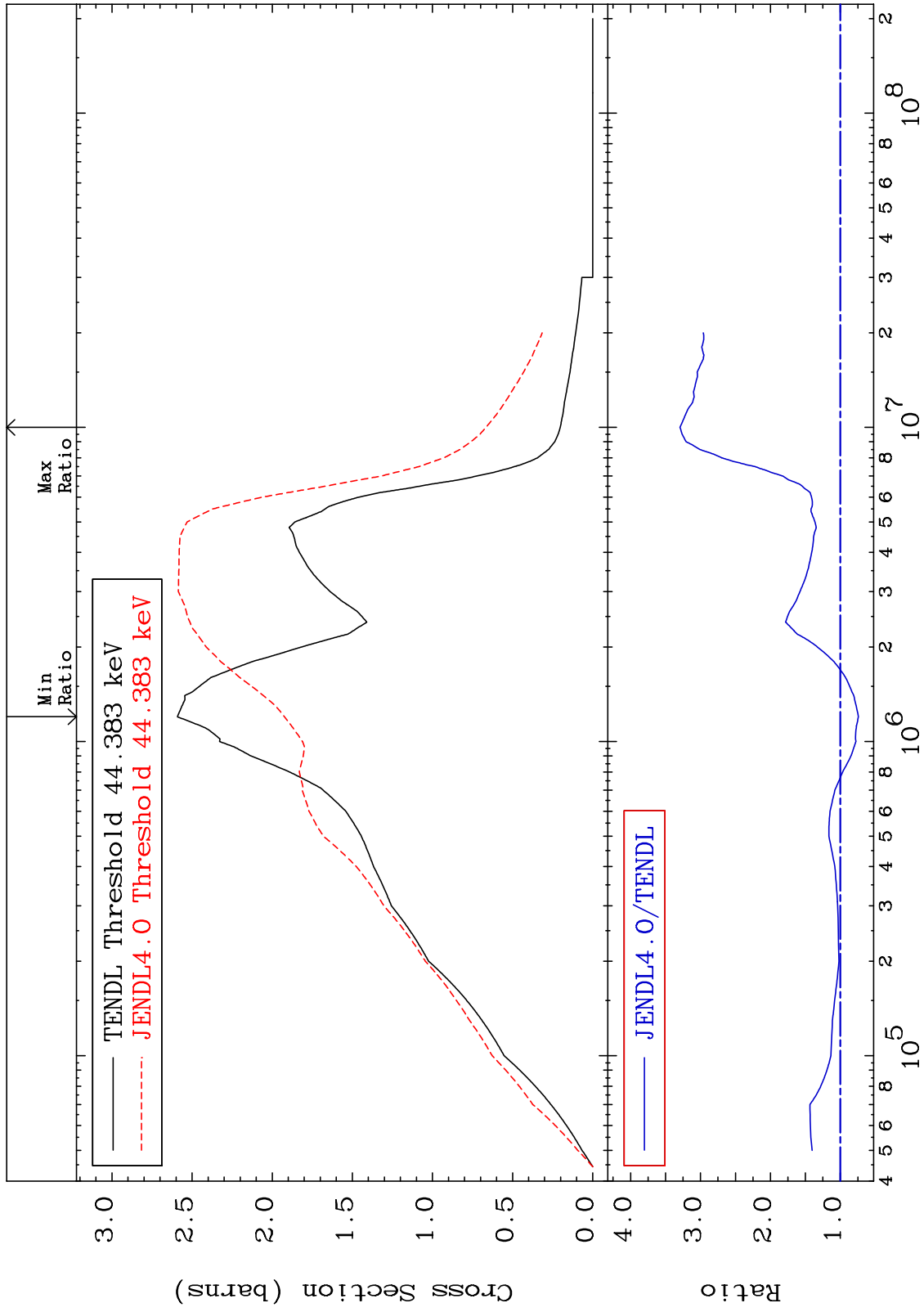


94-Pu-244

MAT 9452

Inelastic  
Cross Section

94-Pu-244  
-25.83 To 229.3 %



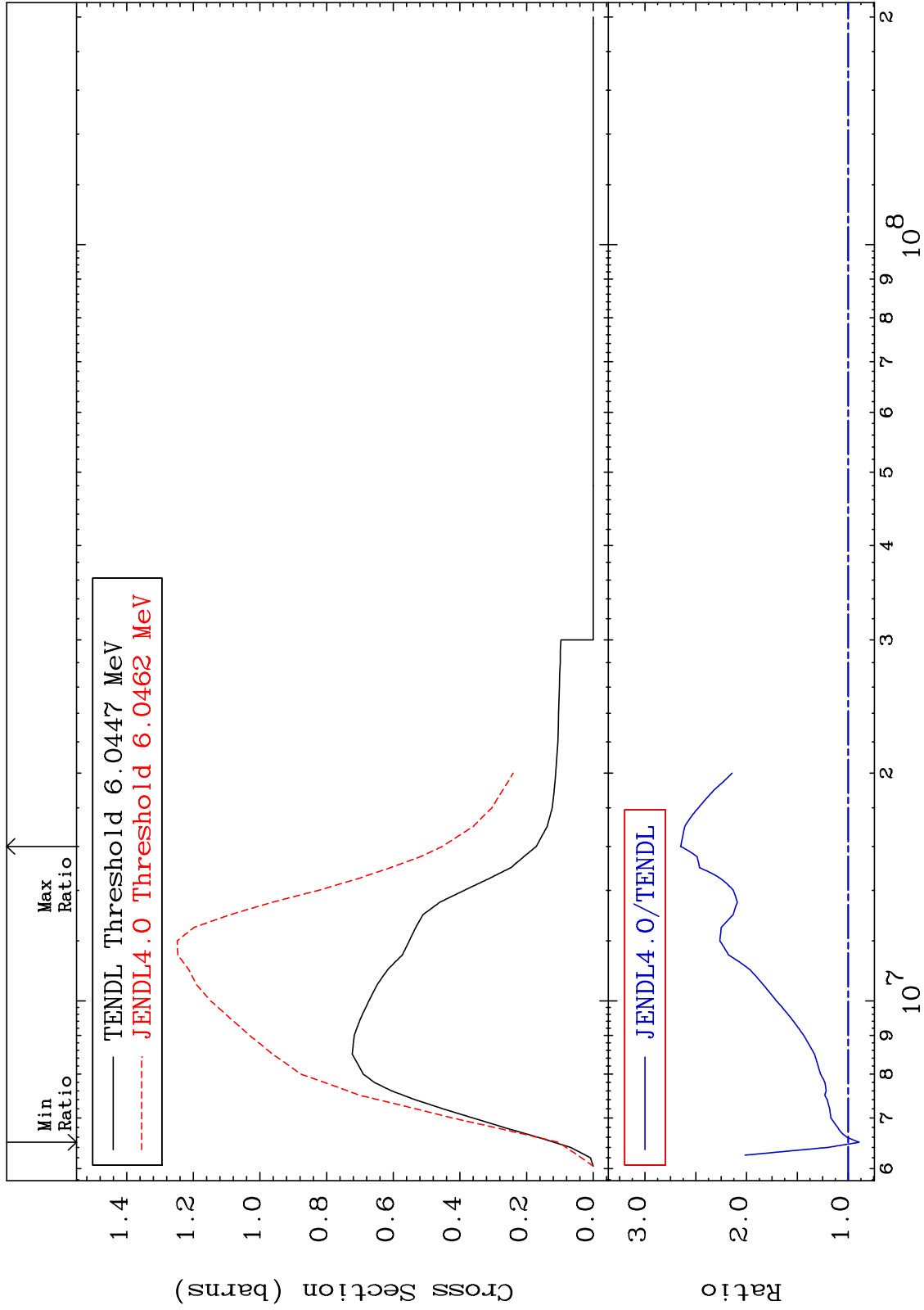
MAT 9452

(n,2n)

94-Pu-244

Cross Section

-10.89 To 164.9 %



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Incident Energy (eV)

94-Pu-244

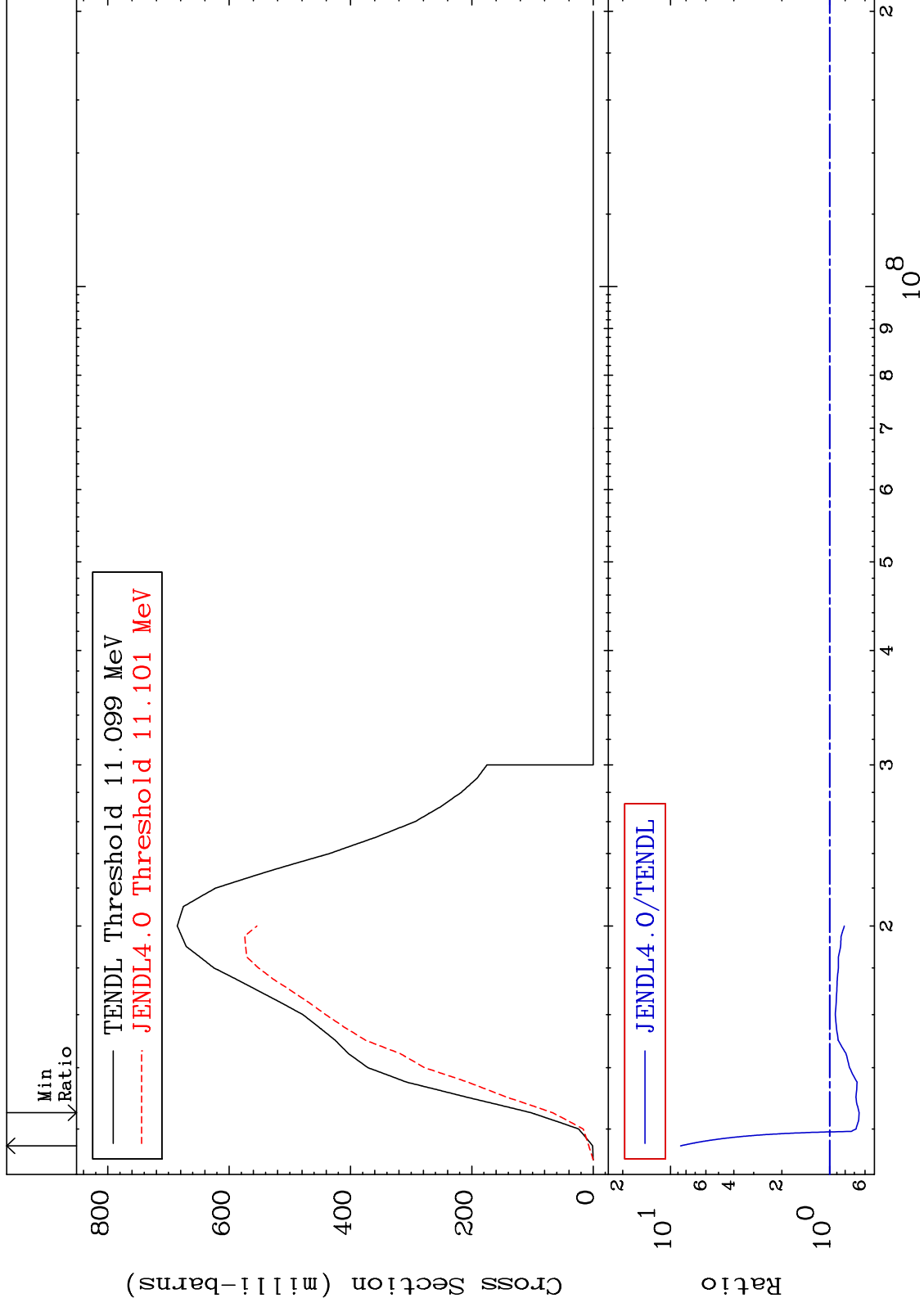
MAT 9452

(n,3n)

94-Pu-244

Cross Section

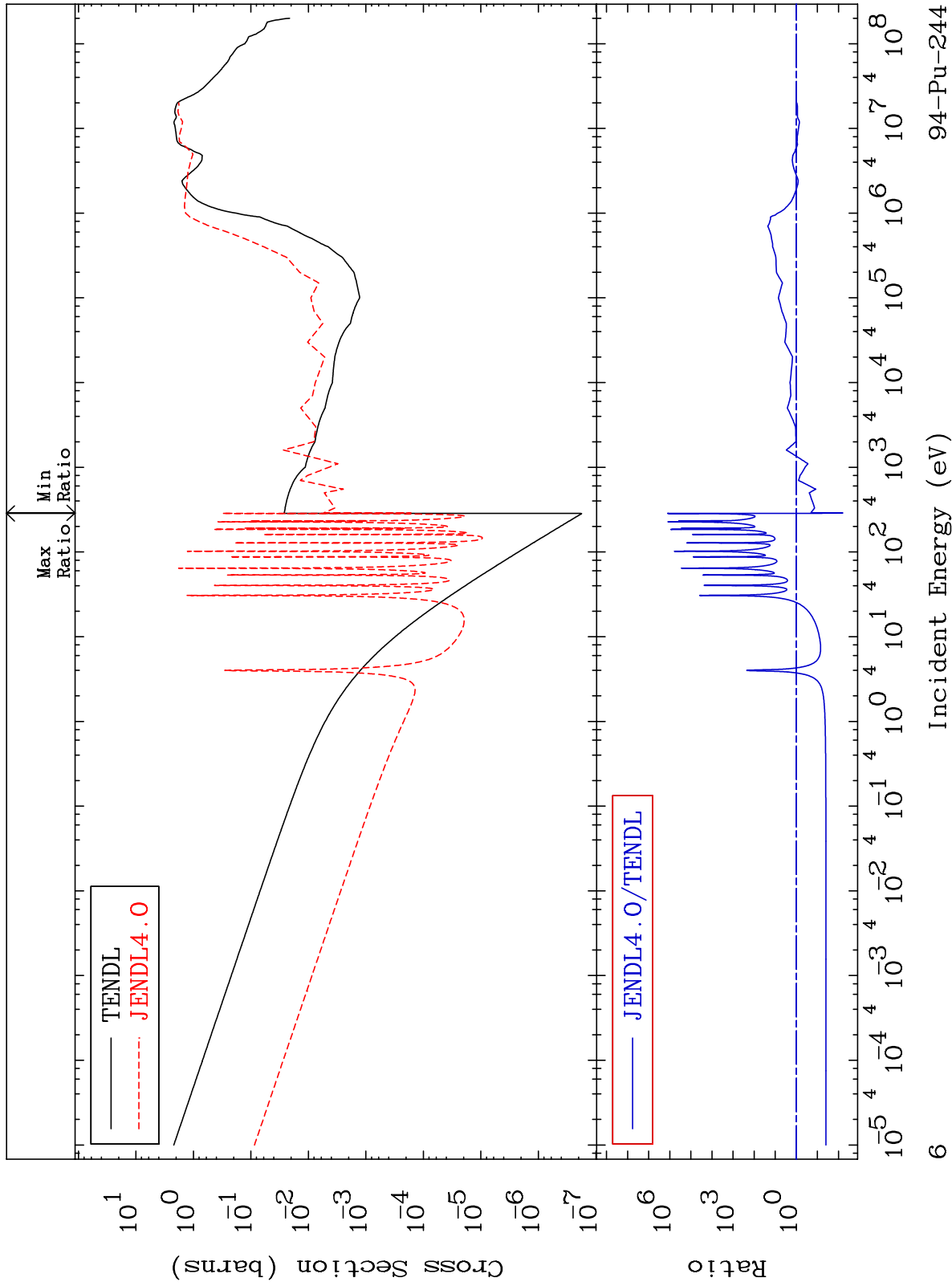
-34.78 To 764.6 %



MAT 9452

Fission Cross Section

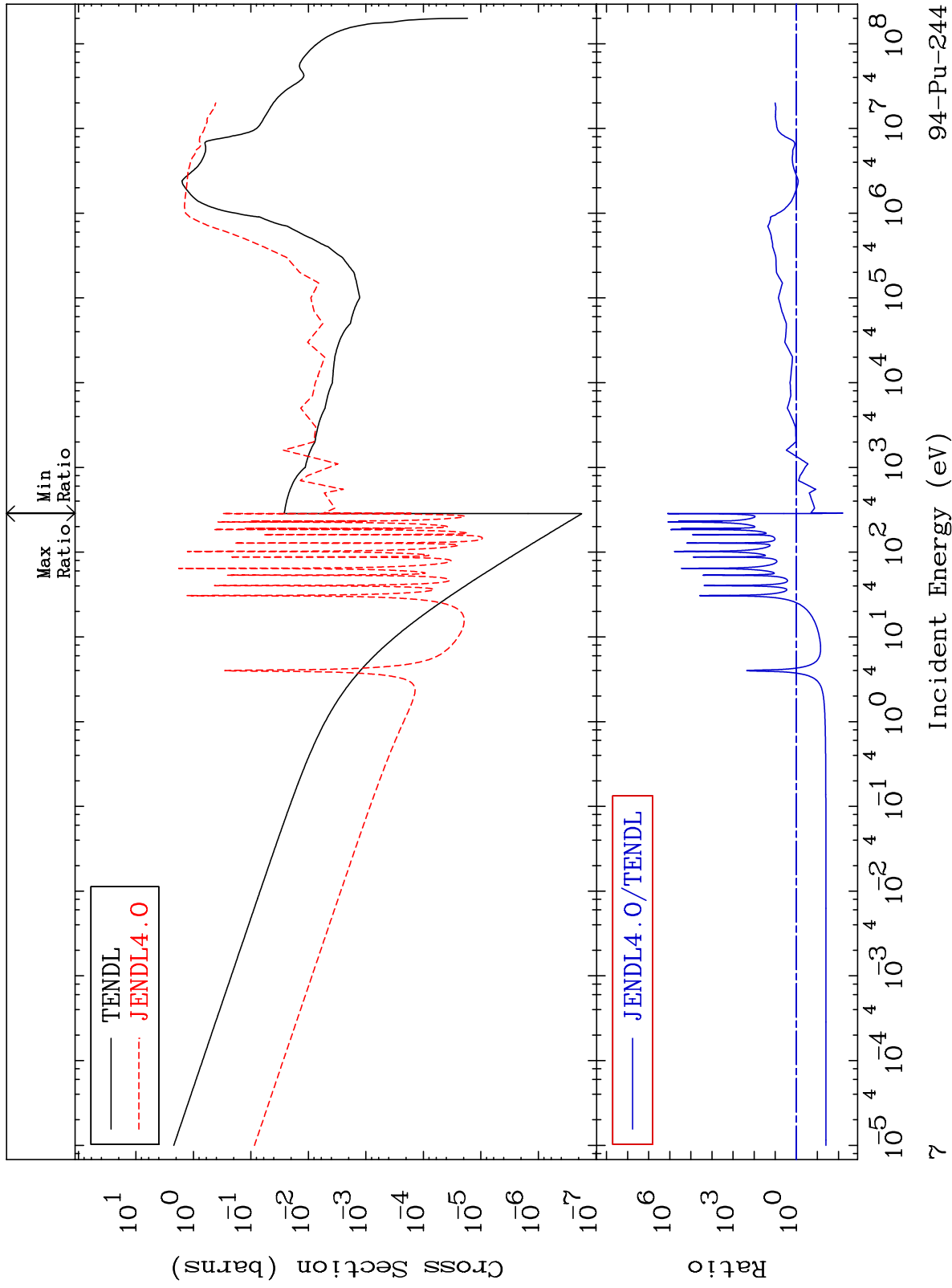
94-Pu-244  
-99.37 To 9999. %



MAT 9452

(n,f) First Chance  
Cross Section

94-Pu-244  
-99.37 To 9999. %



94-Pu-244

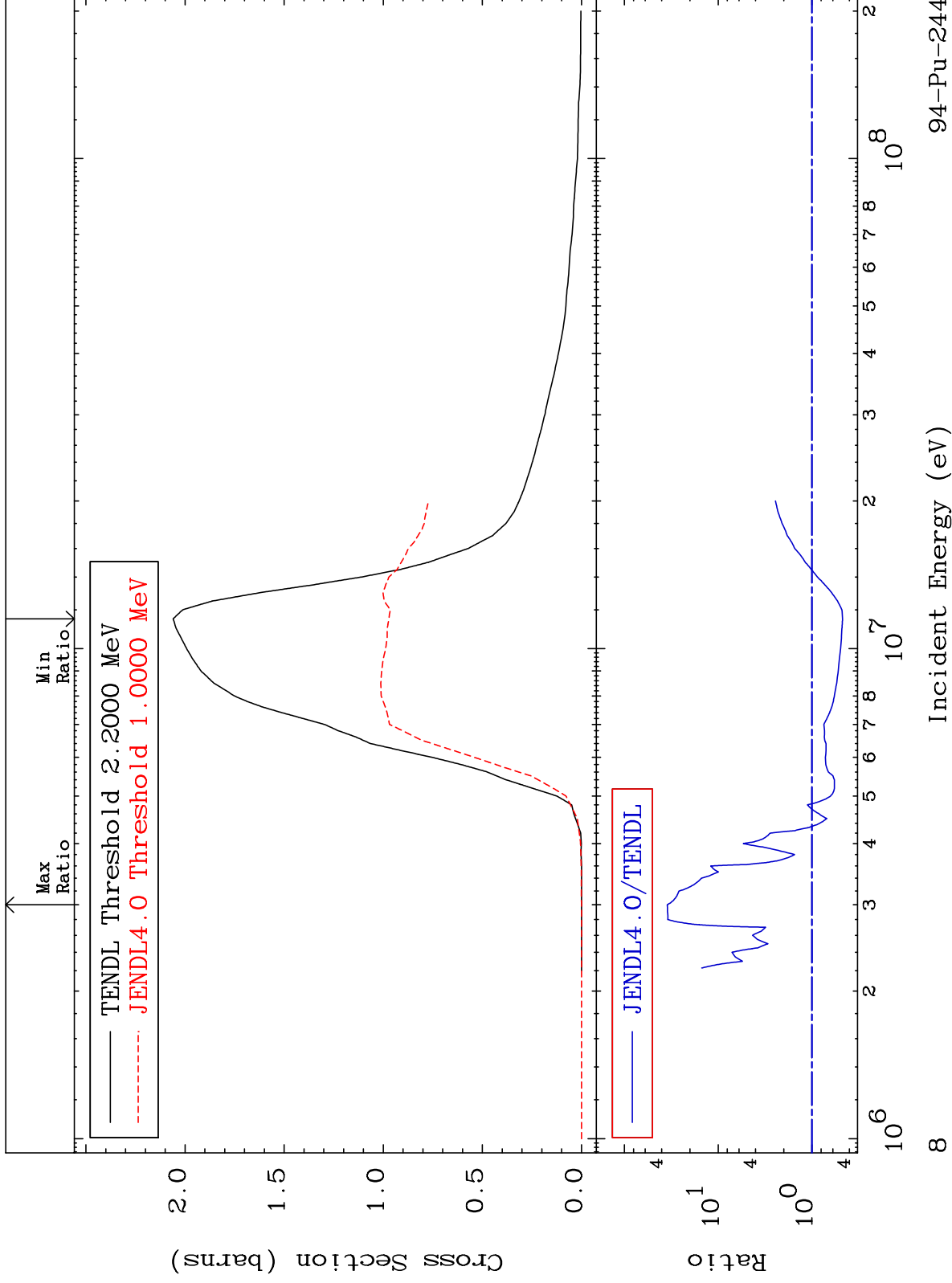
7



MAT 9452

(n, nf) Second Chance  
Cross Section

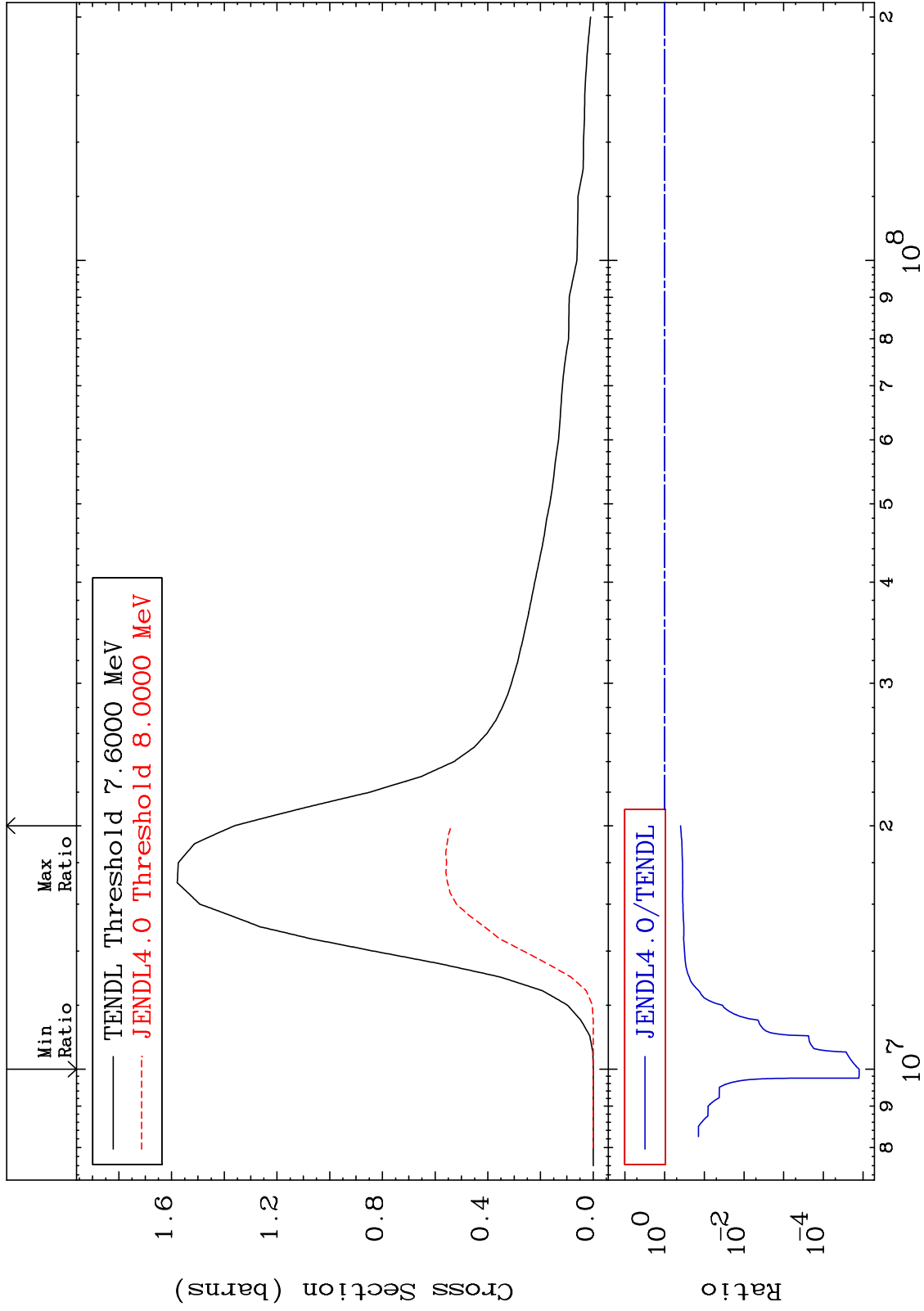
94-Pu-244  
-52.82 To 3390. %



MAT 9452

(n,2nf) Third Chance  
Cross Section

94-Pu-244  
-100.0 To -60.44%



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Incident Energy (eV)

94-Pu-244

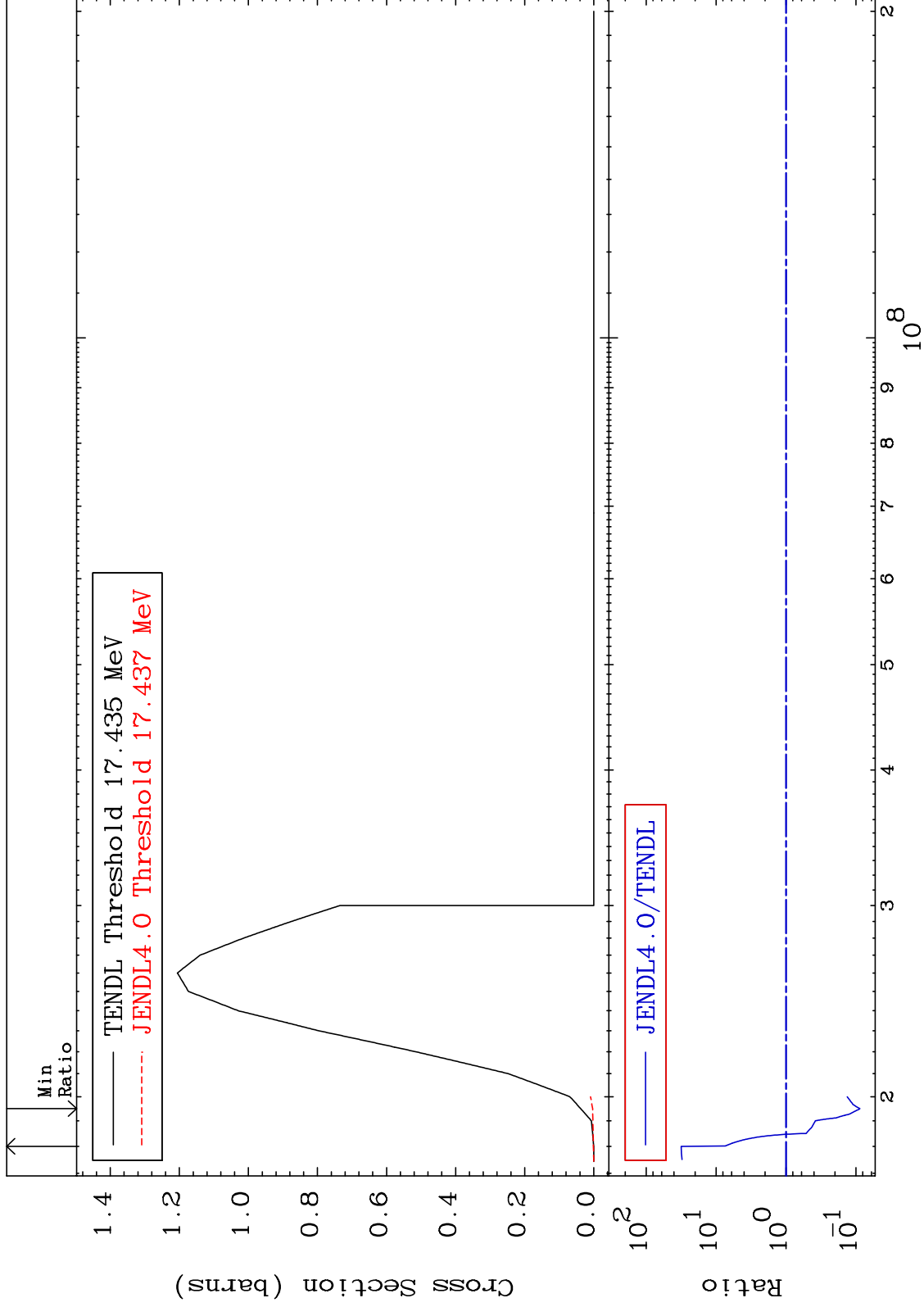
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(n, 4n)

94-Pu-244

Cross Section

-91.21 To 3057. %



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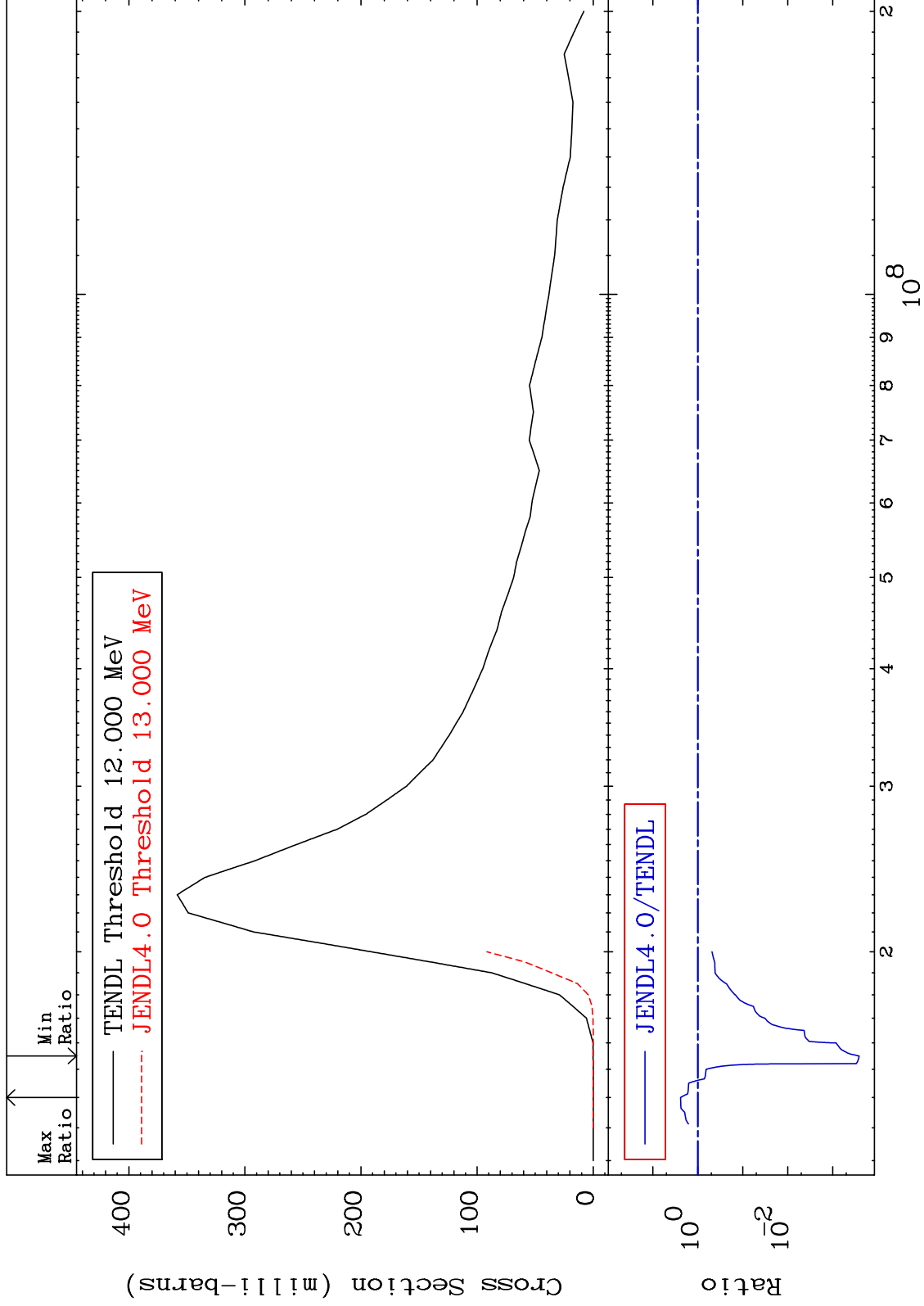
Incident Energy (eV)

94-Pu-244

MAT 9452

(n,3nf) Fourth Chance  
Cross Section

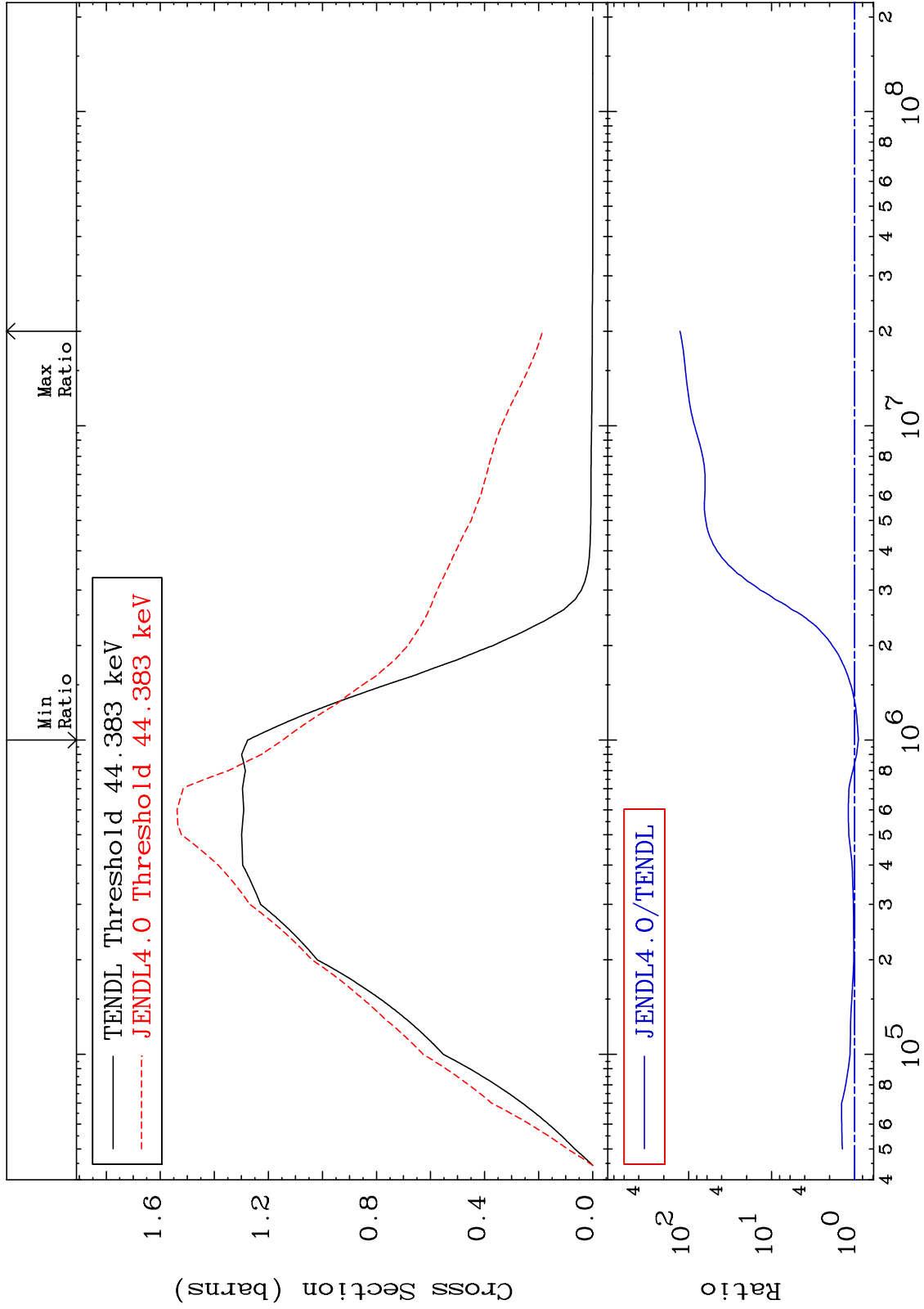
94-Pu-244  
-99.97 To 139.8 %



MAT 9452

MT= 51 (n,n') Level  
Cross Section

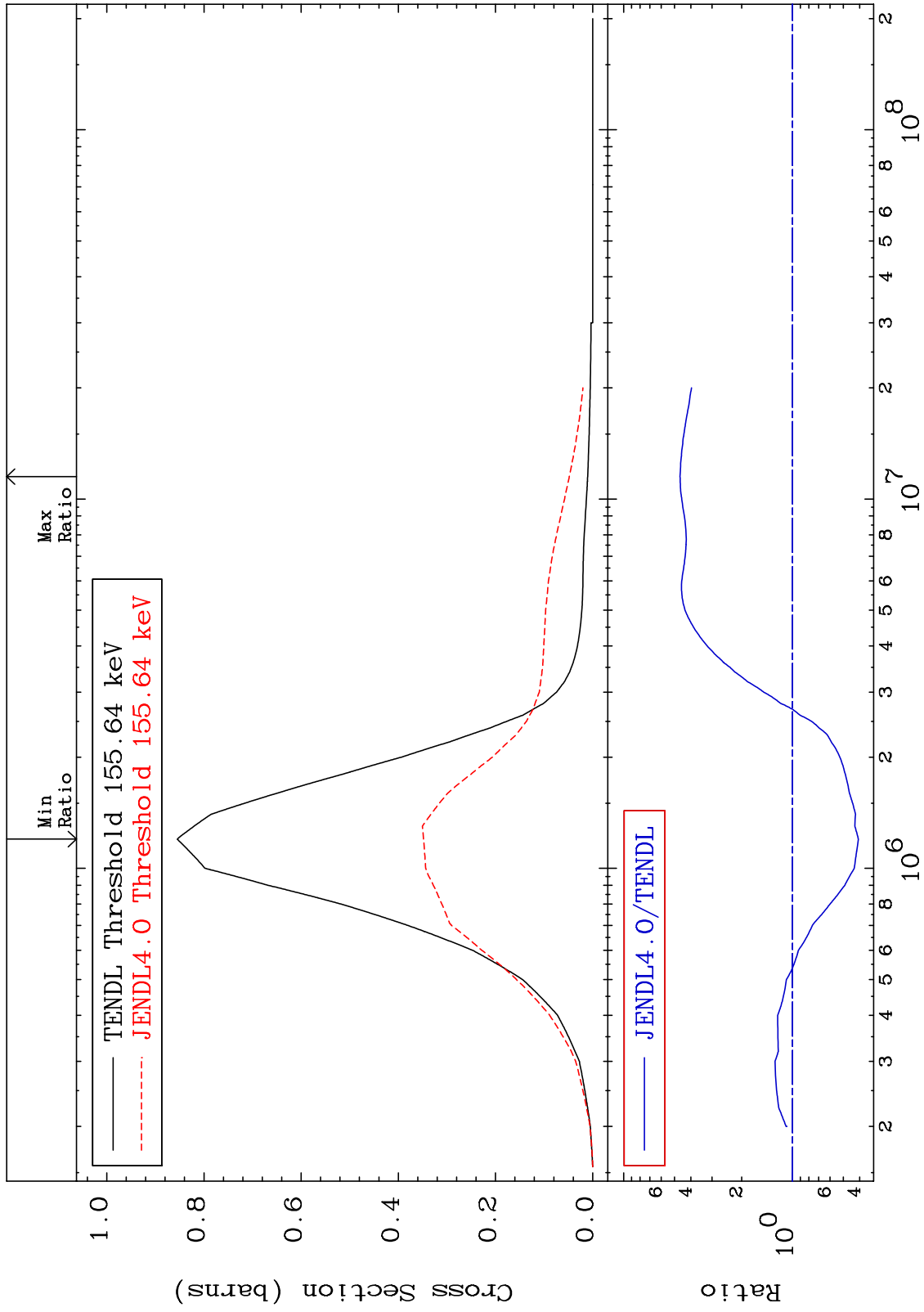
94-Pu-244  
-10.13 To 9999. %



MAT 9452

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

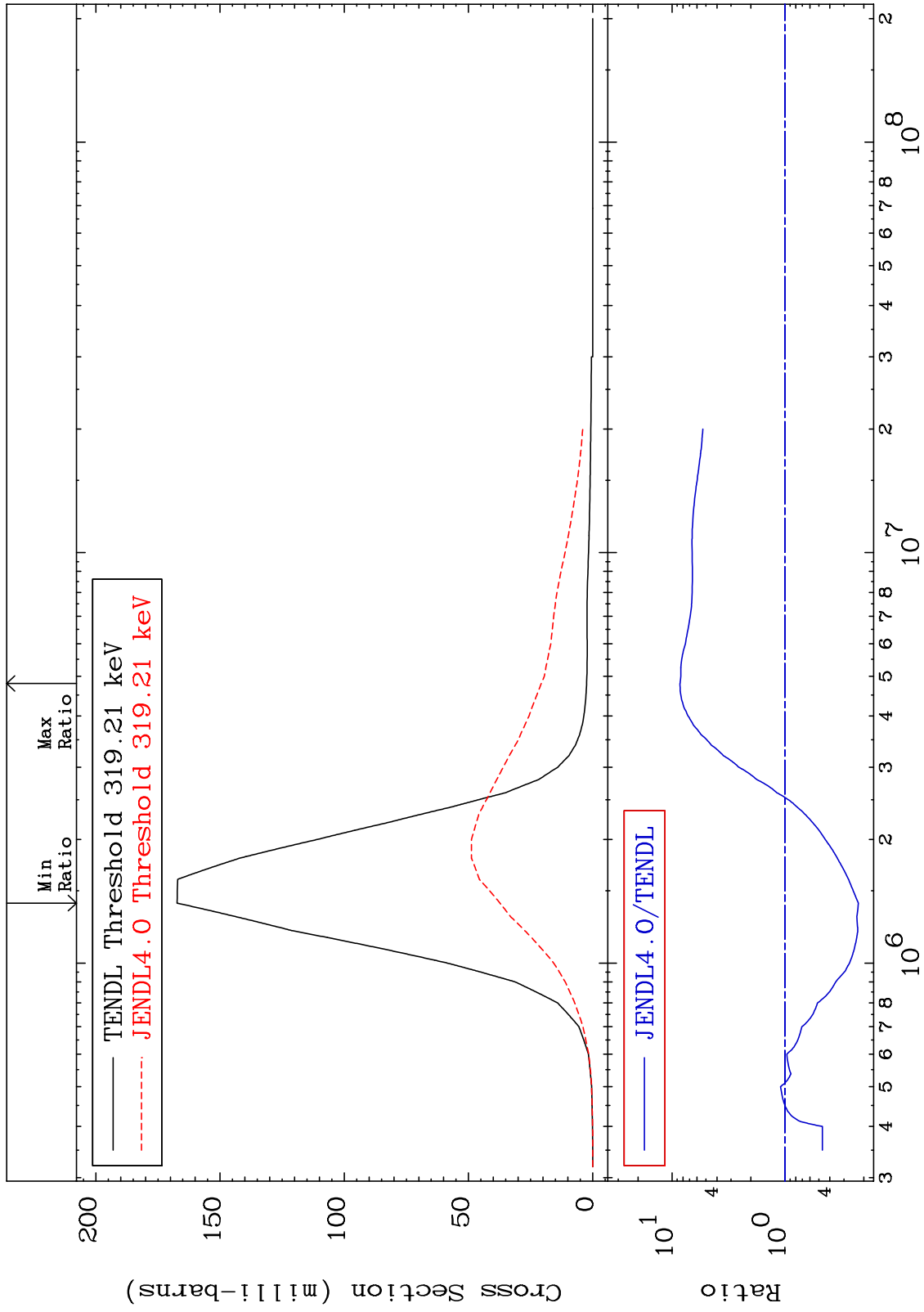
94-Pu-244  
-59.29 To 363.9 %



MAT 9452

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

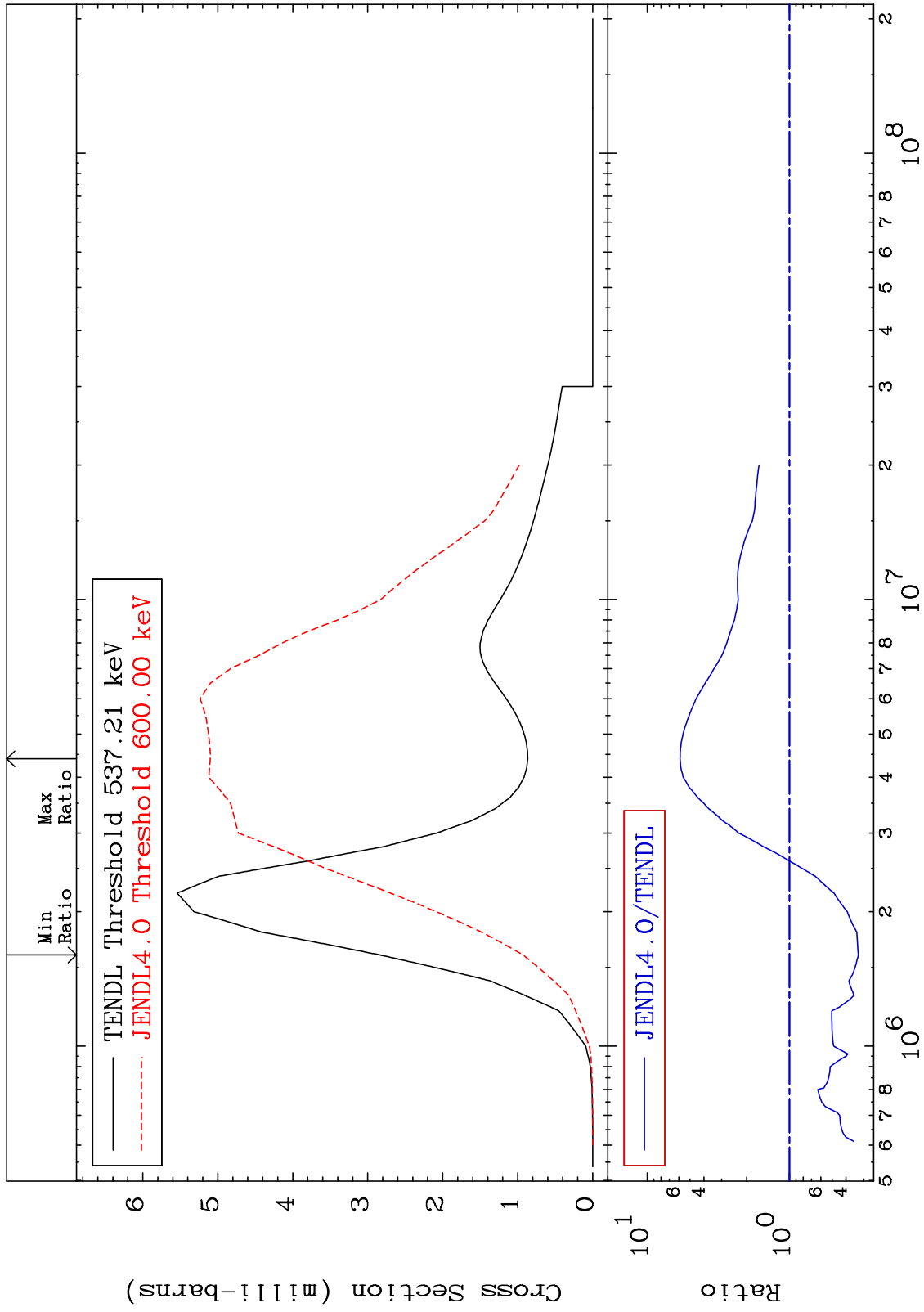
94-Pu-244  
-77.68 To 749.5 %



MAT 9452

MT= 54 (n,n') Level  
Cross Section

94-Pu-244  
-67.29 To 488.4 %

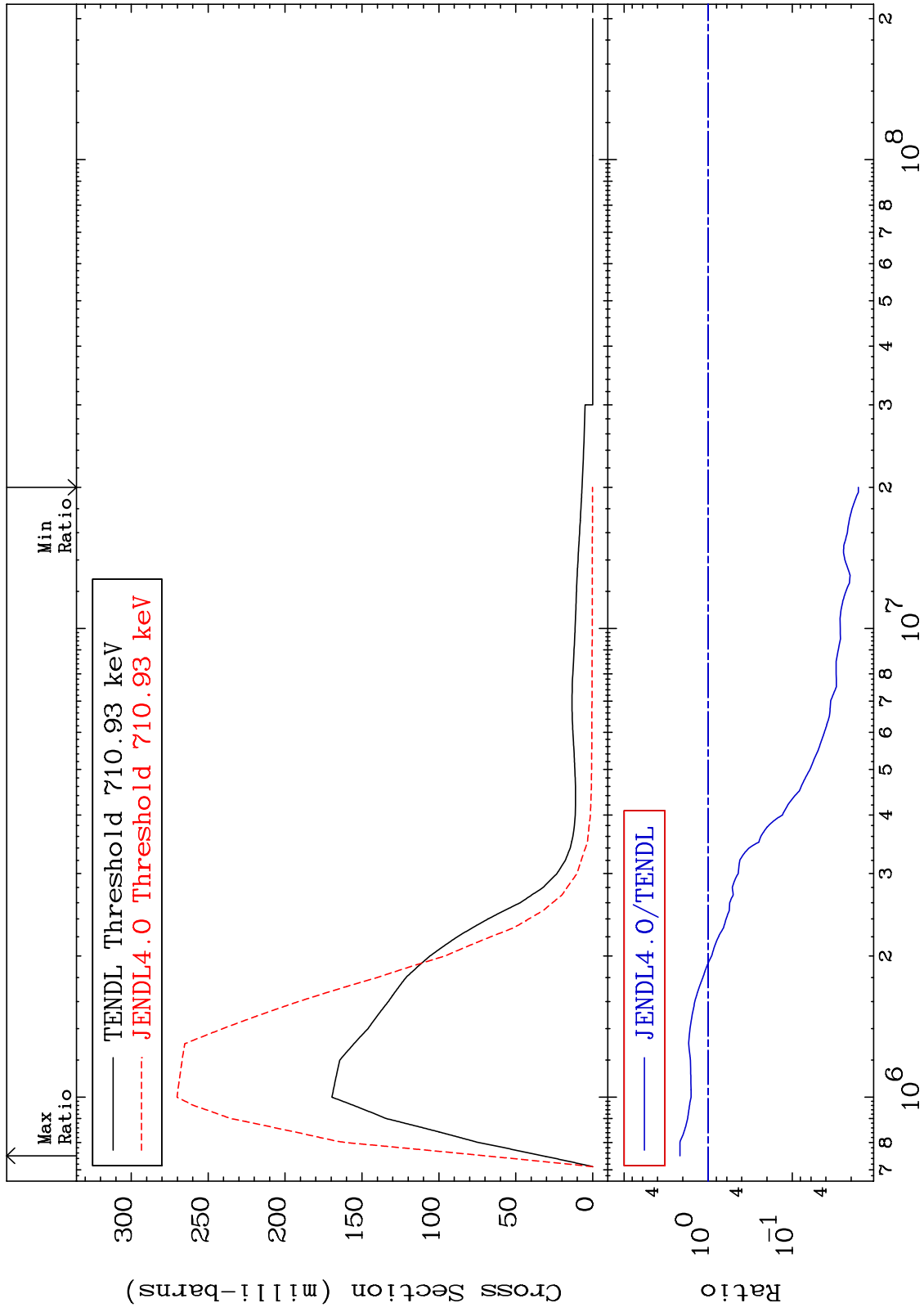




MAT 9452

MT= 55 (n,n') Level  
Cross Section

94-Pu-244  
-98.36 To 116.1 %



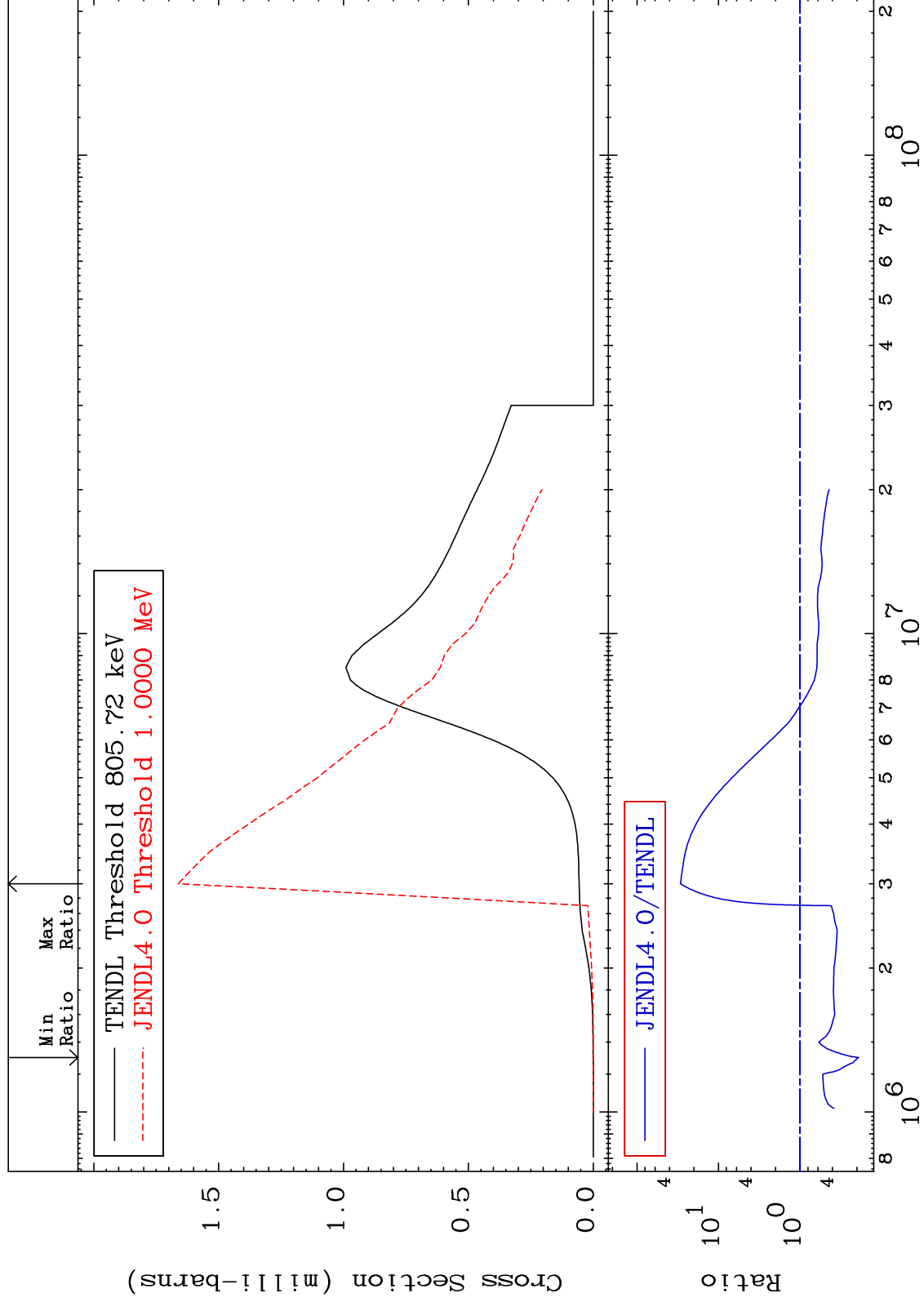
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94-Pu-244

MAT 9452

MT= 56 (n,n') Level  
Cross Section

94-Pu-244  
-80.88 To 2827. %



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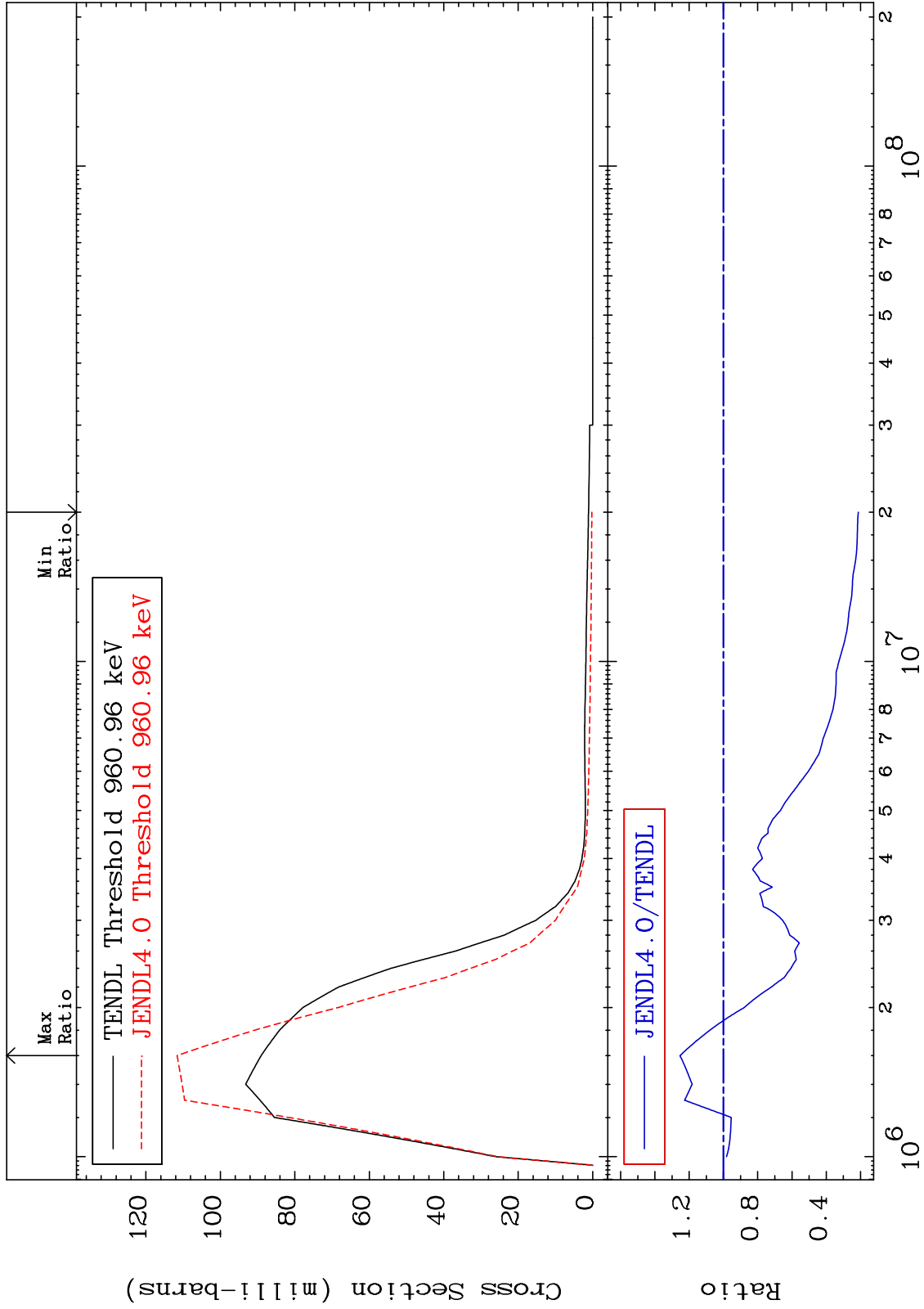
Incident Energy (eV)

94-Pu-244

MAT 9452

MT= 57 (n,n') Level  
Cross Section

94-Pu-244  
-78.80 To 25.35 %



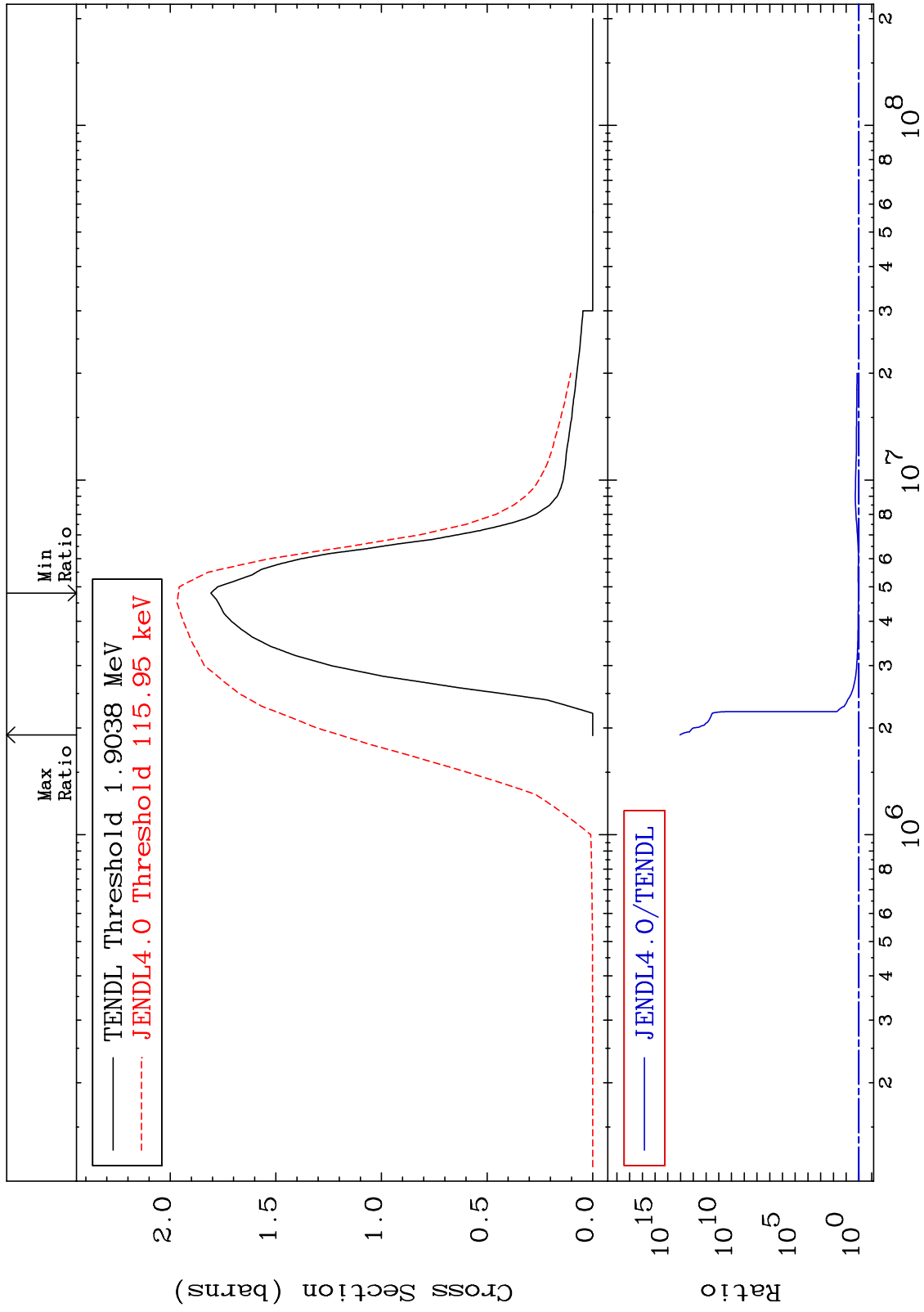
Incident Energy (eV)

94-Pu-244

MAT 9452

(n, n') Continuum  
Cross Section

94-Pu-244  
8.489 To 9999. %

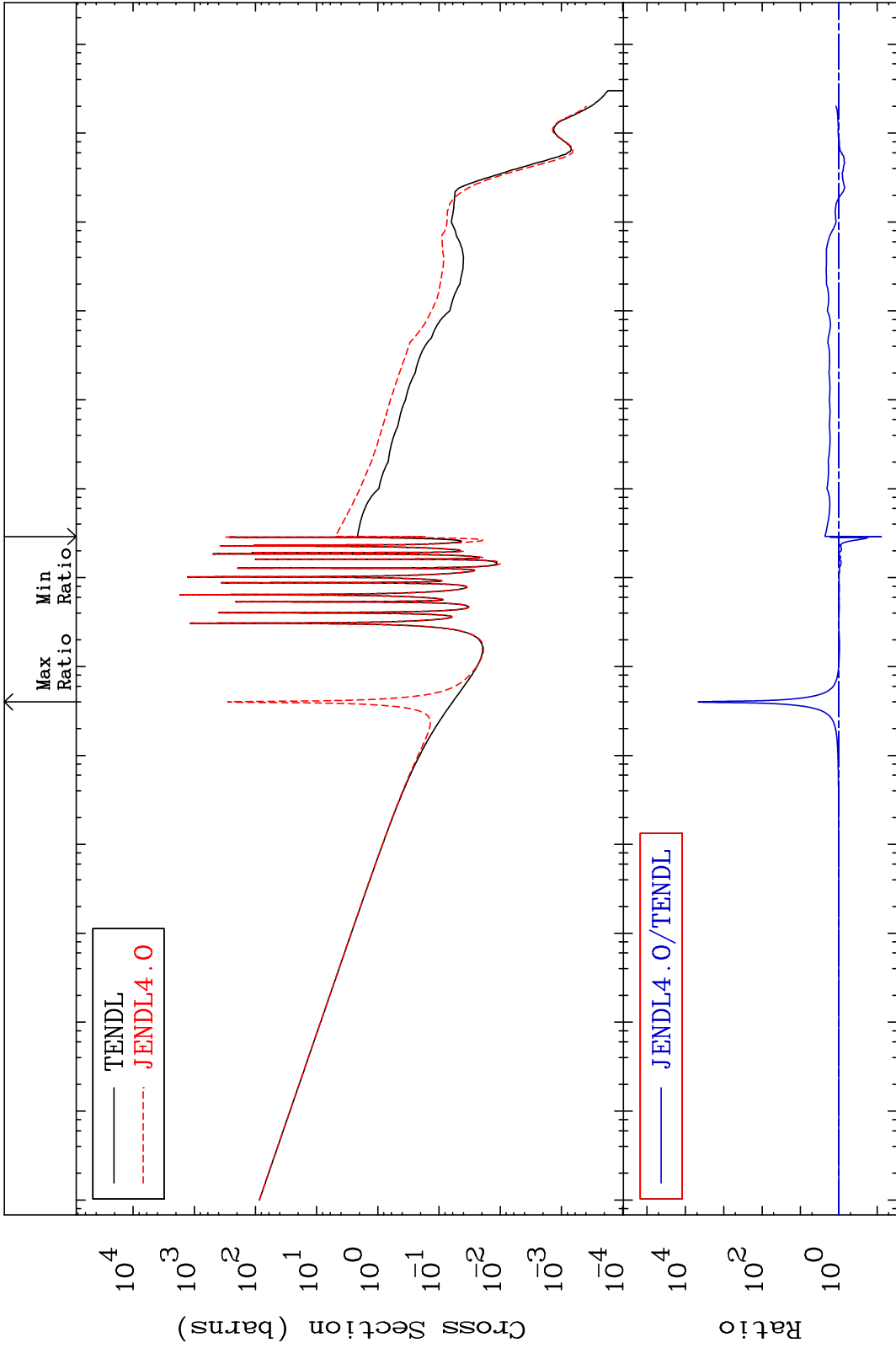


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94-Pu-244  
-92.29 To 9999. %

(n,  $\gamma$ )

Cross Section



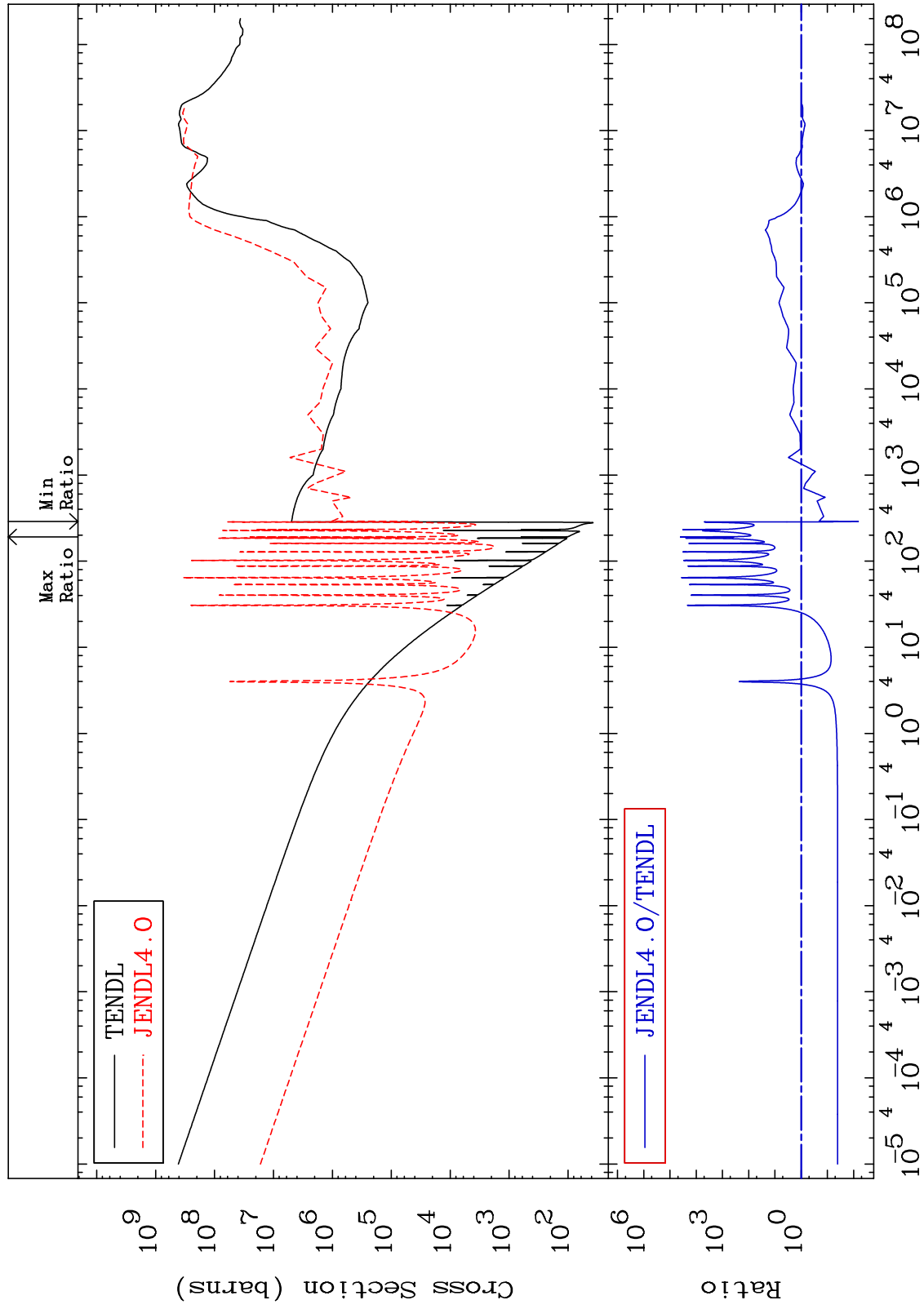
Incident Energy (eV)

94-Pu-244

MAT 9452

Kerma total (eV-barns)  
Cross Section

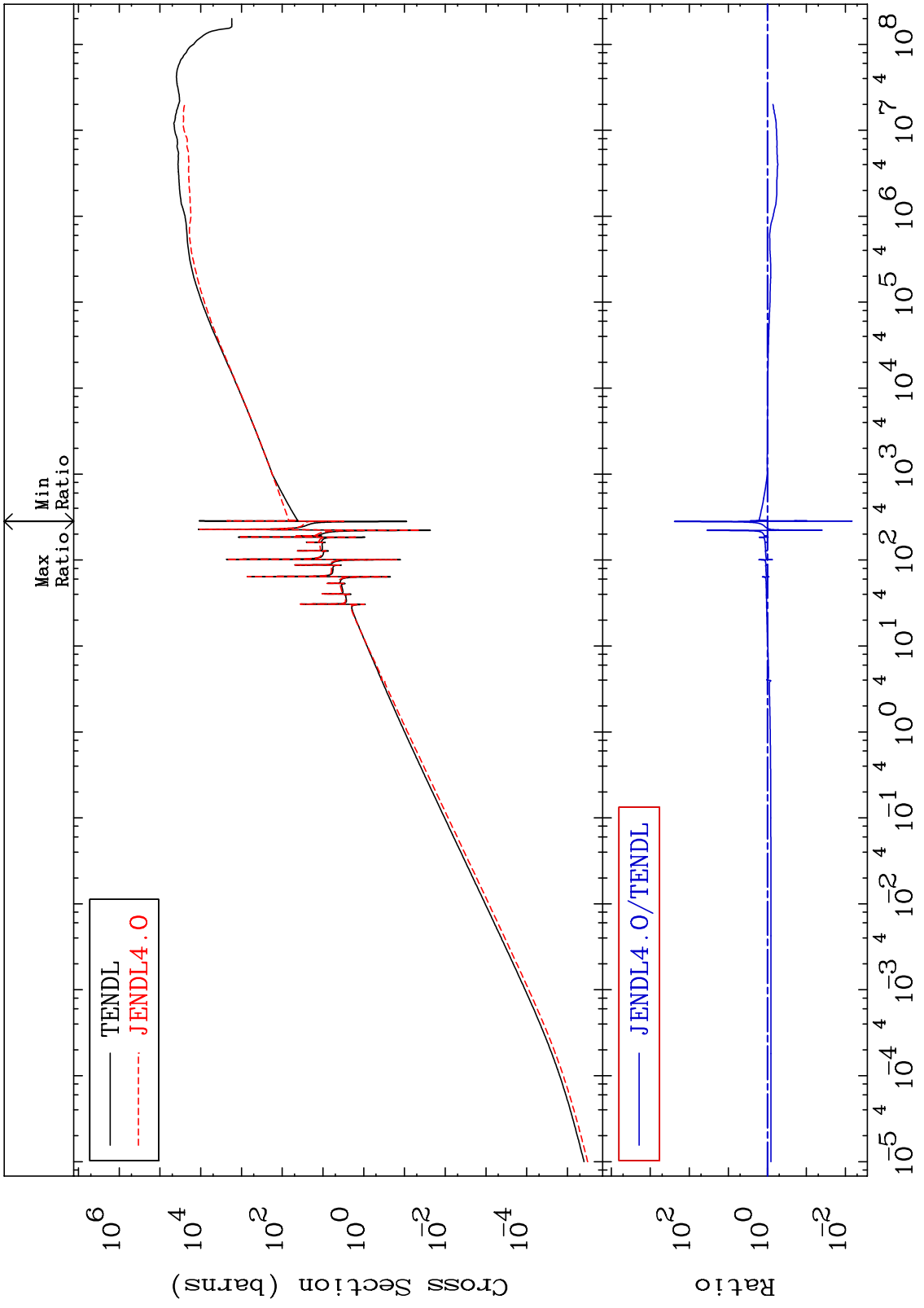
94-Pu-244  
-99.35 To 9999. %



MAT 9452

Kerma elastic  
Cross Section

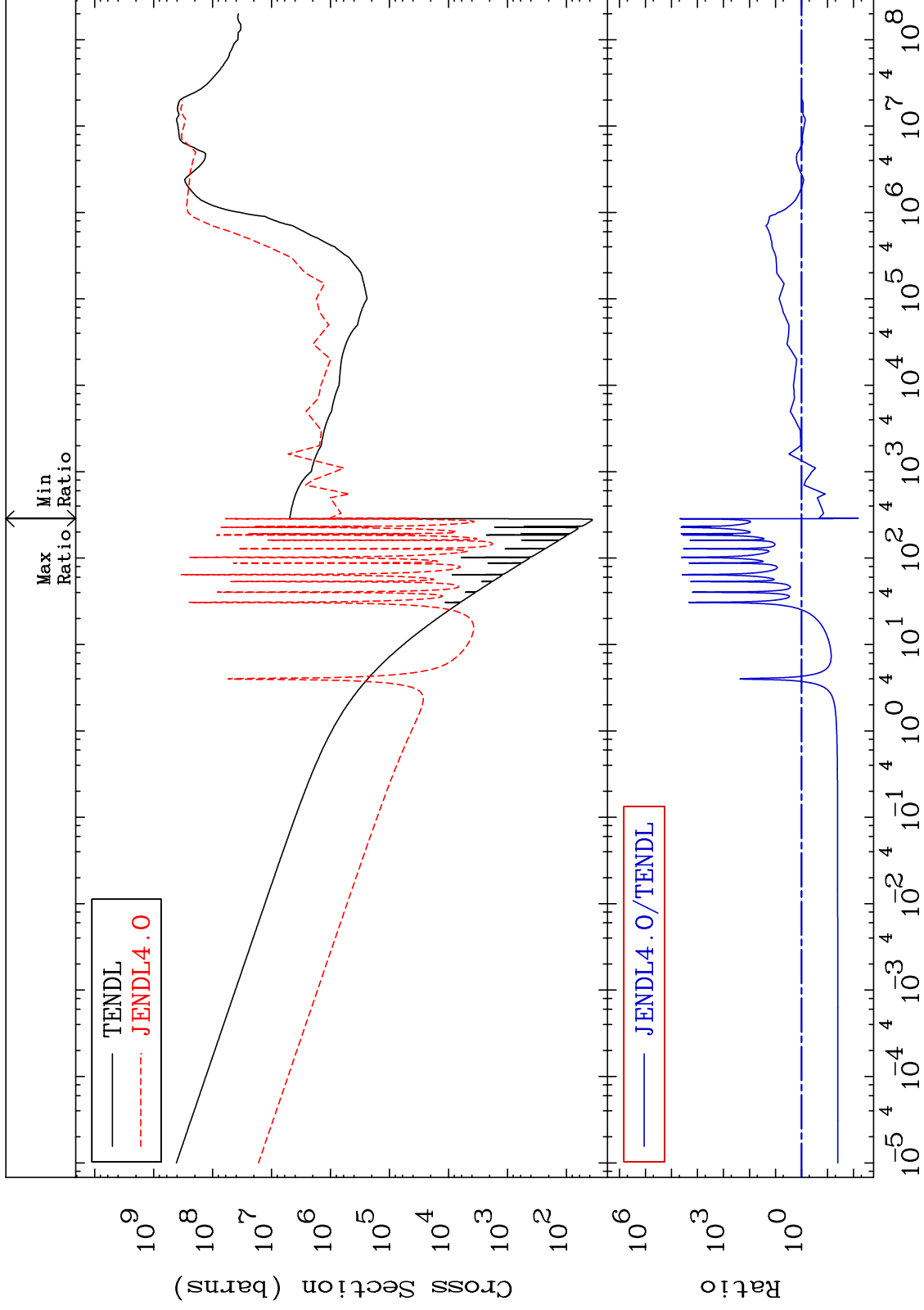
94-Pu-244  
-99.33 To 9999. %



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Kerma non-elastic (all but mt2)  
Cross Section

94-Pu-244  
-99.35 To 9999. %

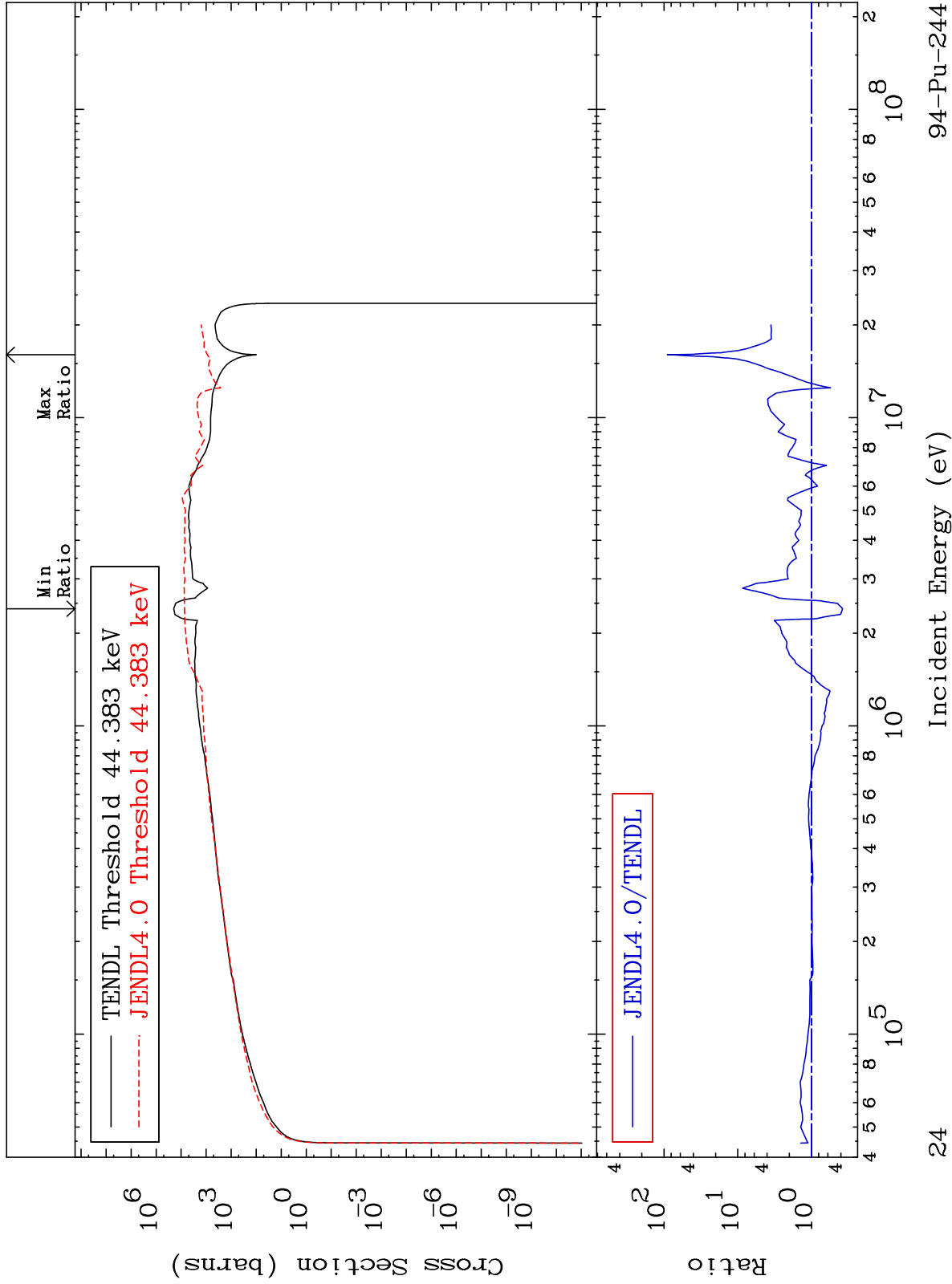




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Kerma inelastic (mt51-91)  
Cross Section

94-Pu-244  
-62.25 To 8859. %



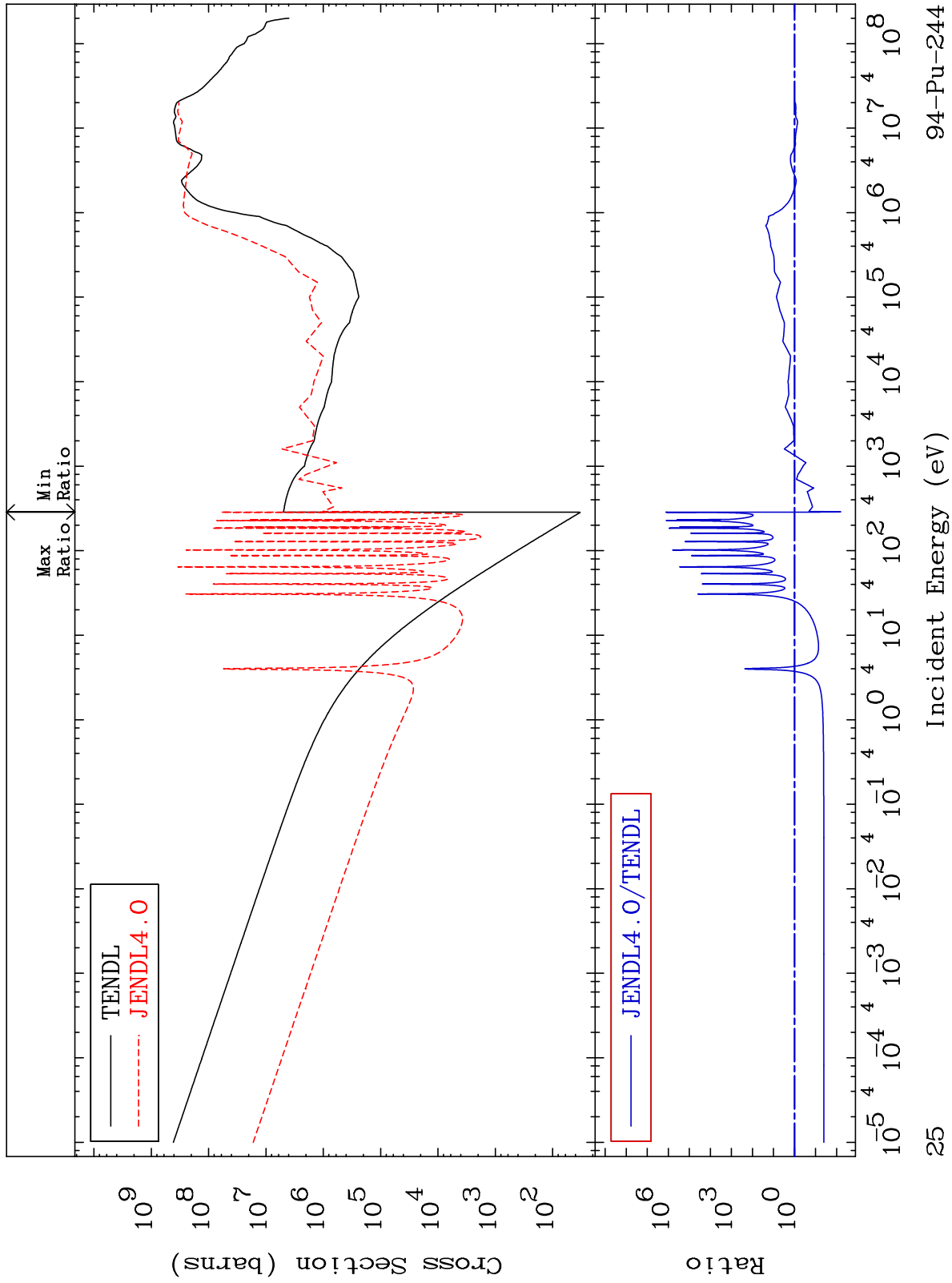
94-Pu-244

Incident Energy (eV)

MAT 9452

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

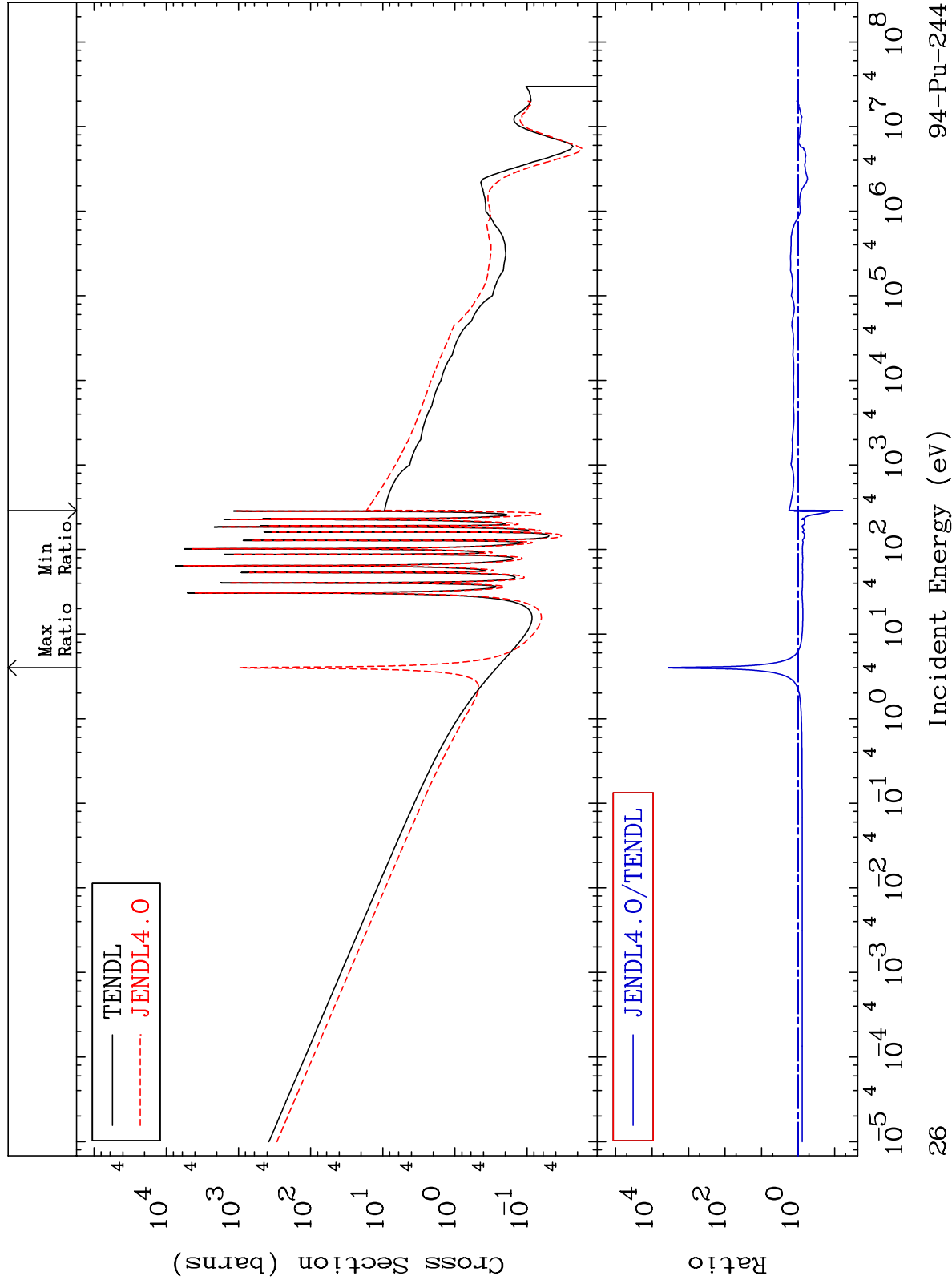
94-Pu-244  
-99.35 To 9999. %



MAT 9452

Kerma capture (mt102)  
Cross Section

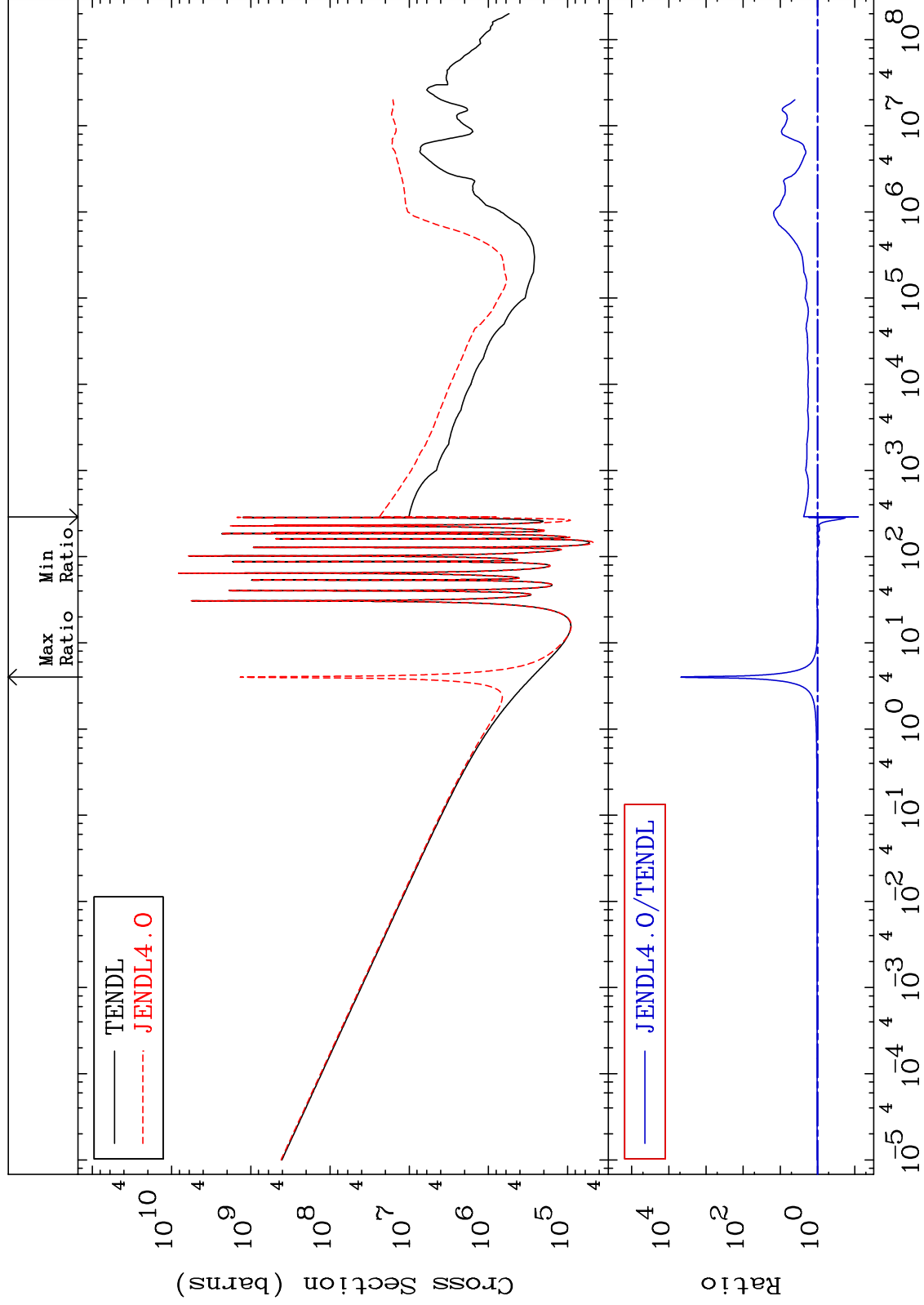
94-Pu-244  
-94.05 To 9999. %



MAT 9452

Total photon (eV-barns)  
Cross Section

94-Pu-244  
-92.12 To 9999. %



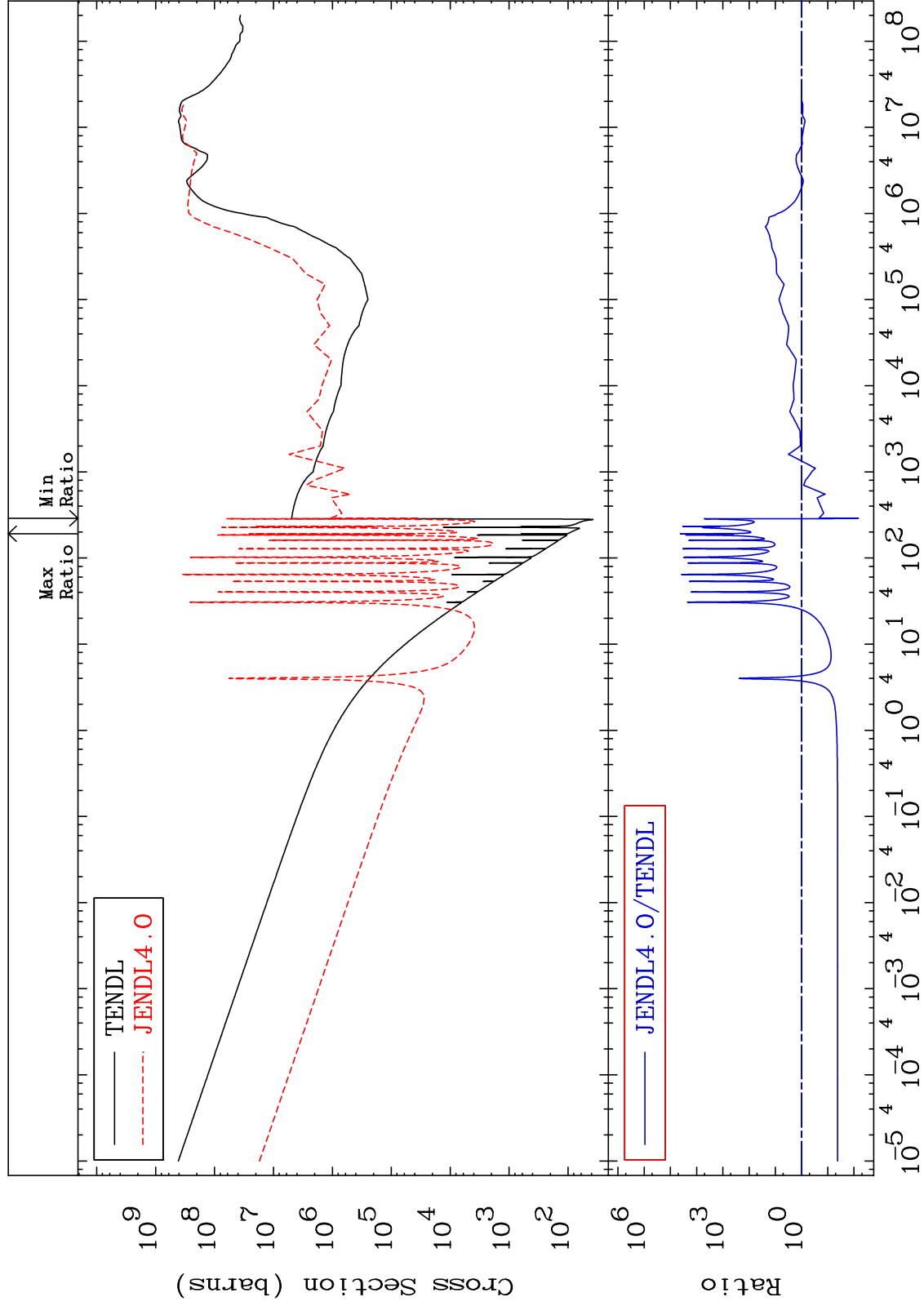
— TENDL  
- - - JENDL4.0

— JENDL4.0/TENDL

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Total kinematic kerma (high limit)  
Cross Section

94-Pu-244  
-99.33 To 9999. %



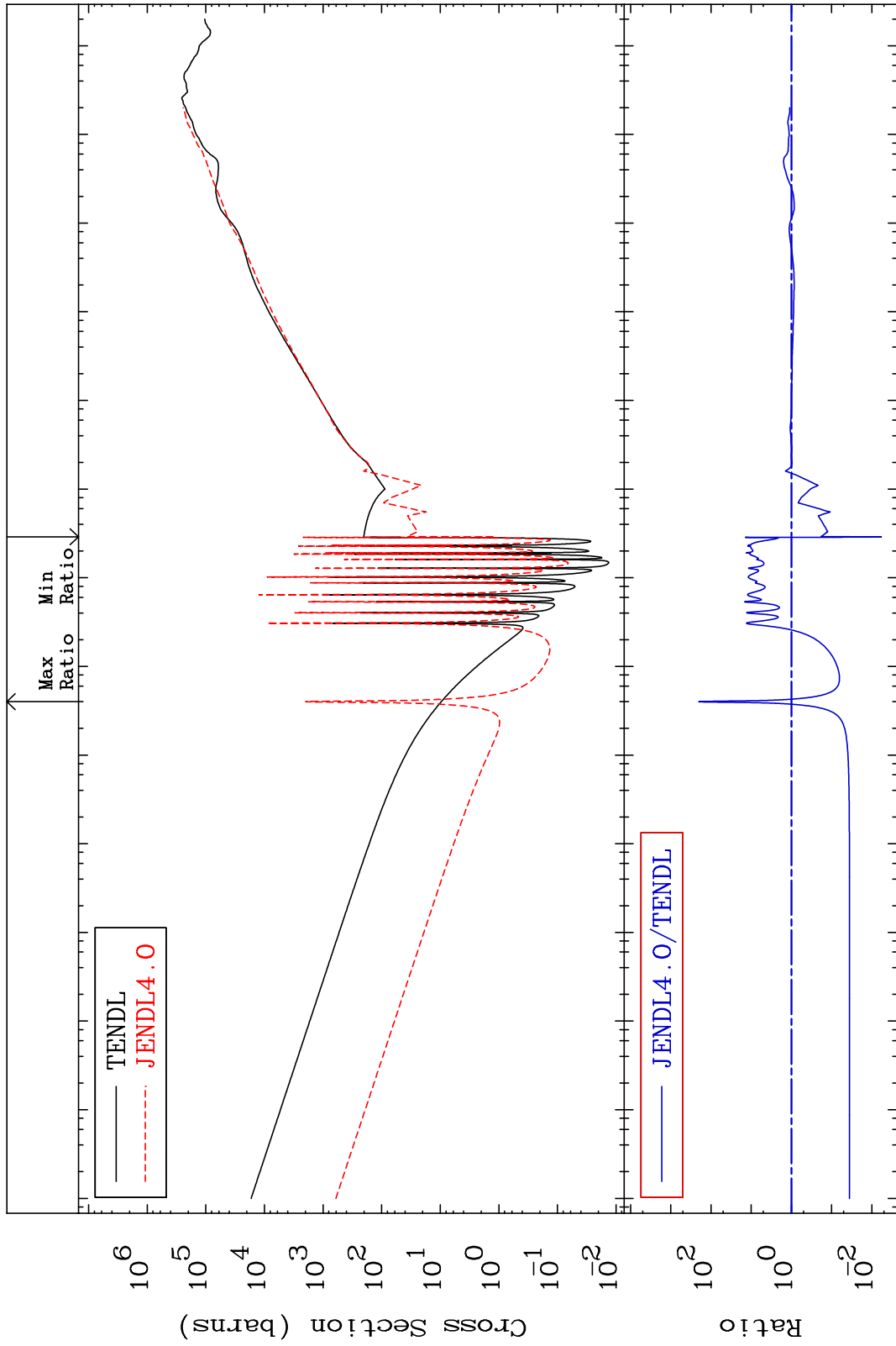
MAT 9452

Dpa total (eV-barns)

94-Pu-244

-99.43 To 9999. %

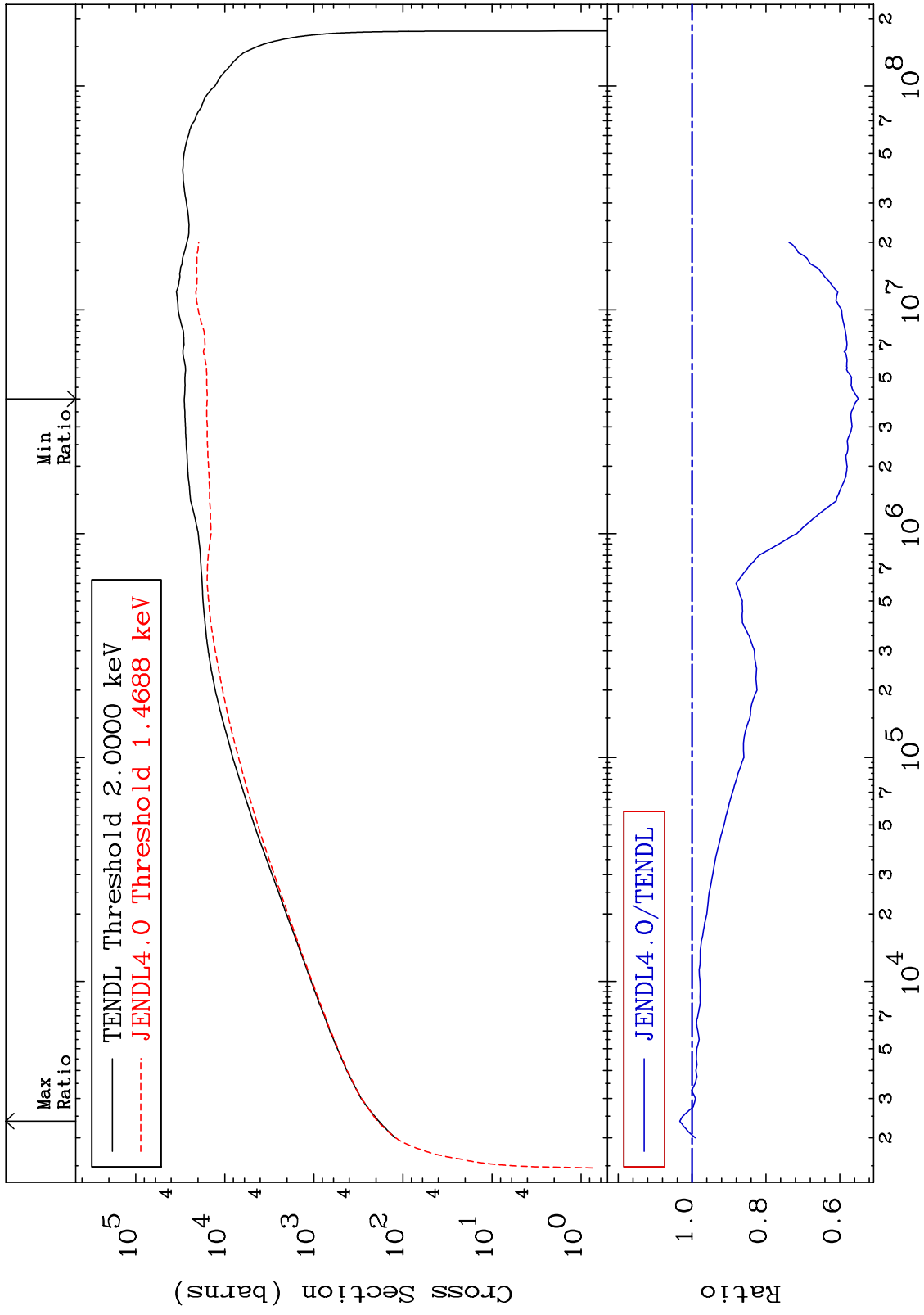
Cross Section



MAT 9452

Dpa elastic (mt2)  
Cross Section

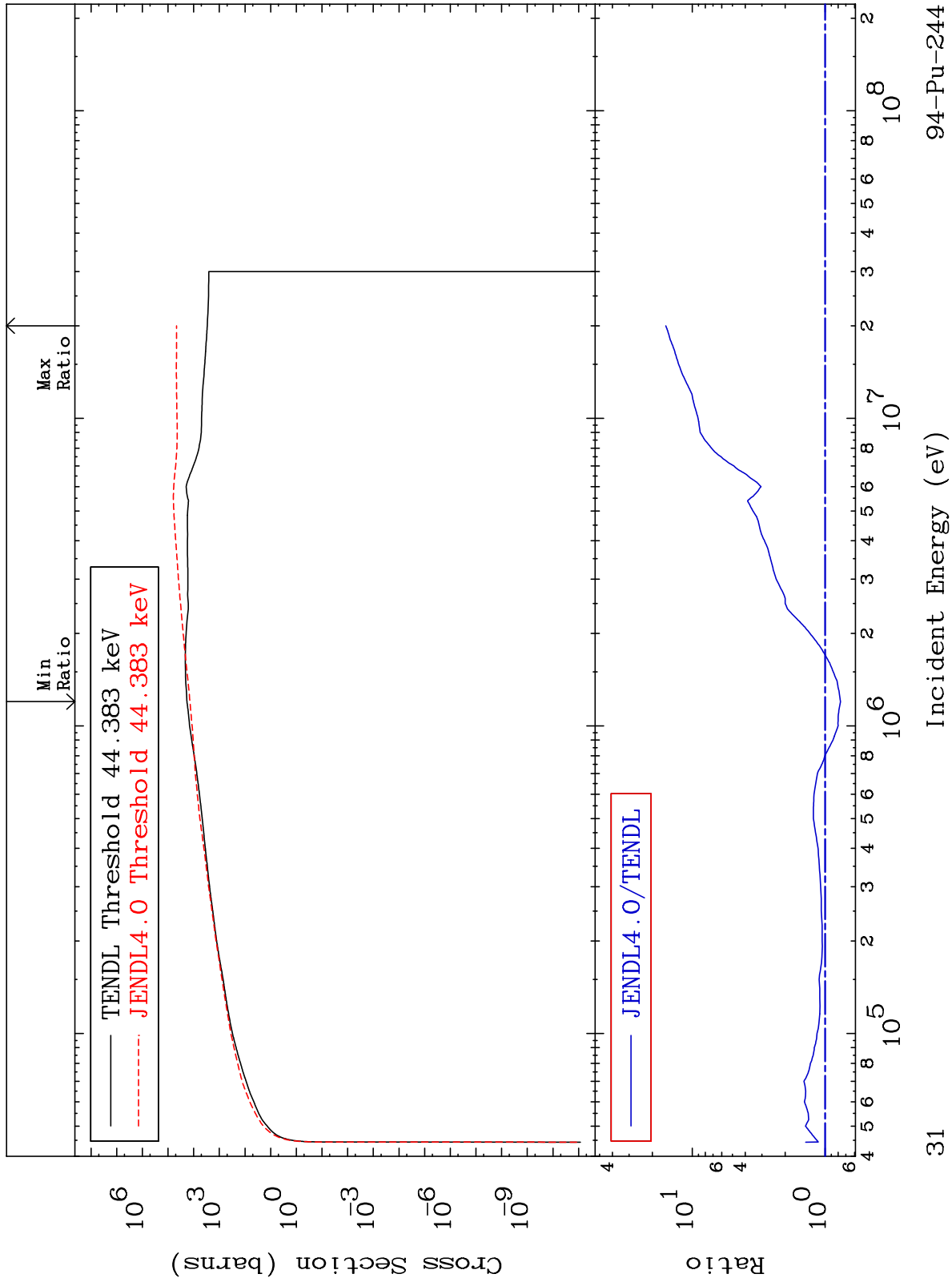
94-Pu-244  
-45.03 To 3.314 %



MAT 9452

Dpa inelastic (mt51-91)  
Cross Section

94-Pu-244  
-23.33 To 1483. %





MAT 9452

Dpa disappearance (mt102 -120)  
Cross Section

94-Pu-244  
-99.99 To 9999. %

