

Program Complot  
(Version 2021-1)

by

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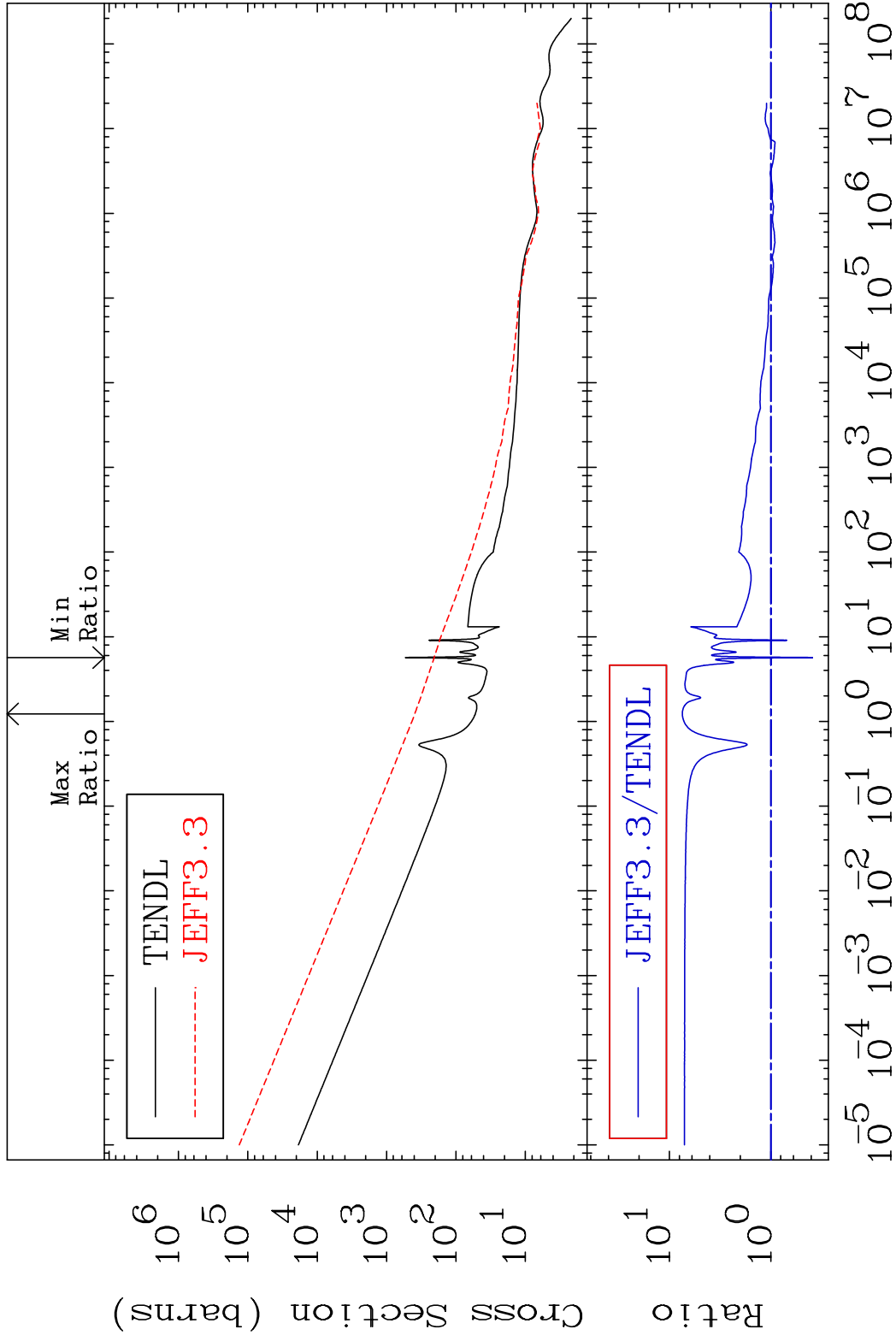
Press Mouse Button to Start

MAT 9431

Total

94-Pu-237

Cross Section -61.21 To 646.8 %



1

Incident Energy (eV)

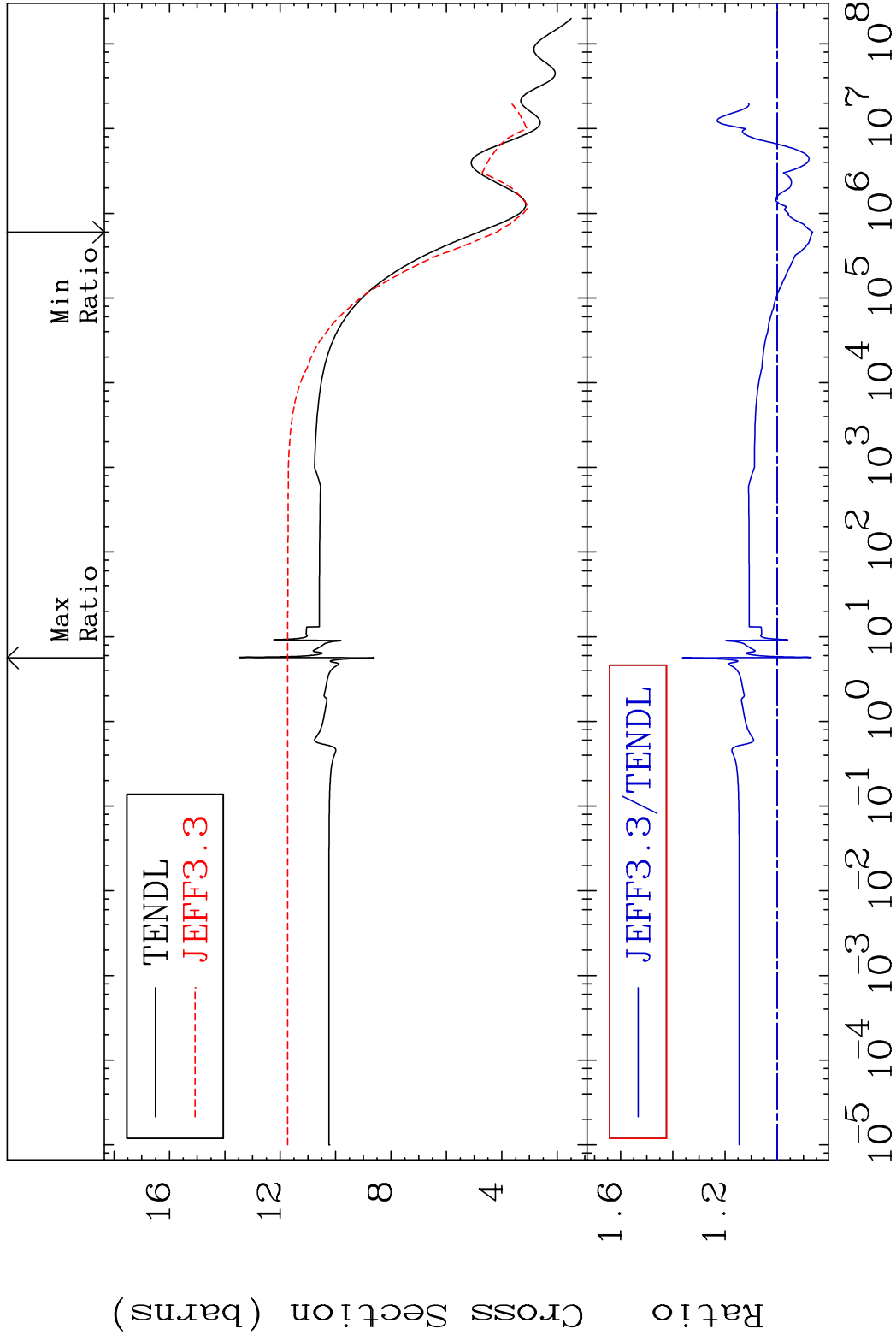
94-Pu-237

MAT 9431

94-Pu-237

Elastic

Cross Section -13.50 To 36.36 %



94-Pu-237

Incident Energy (eV)

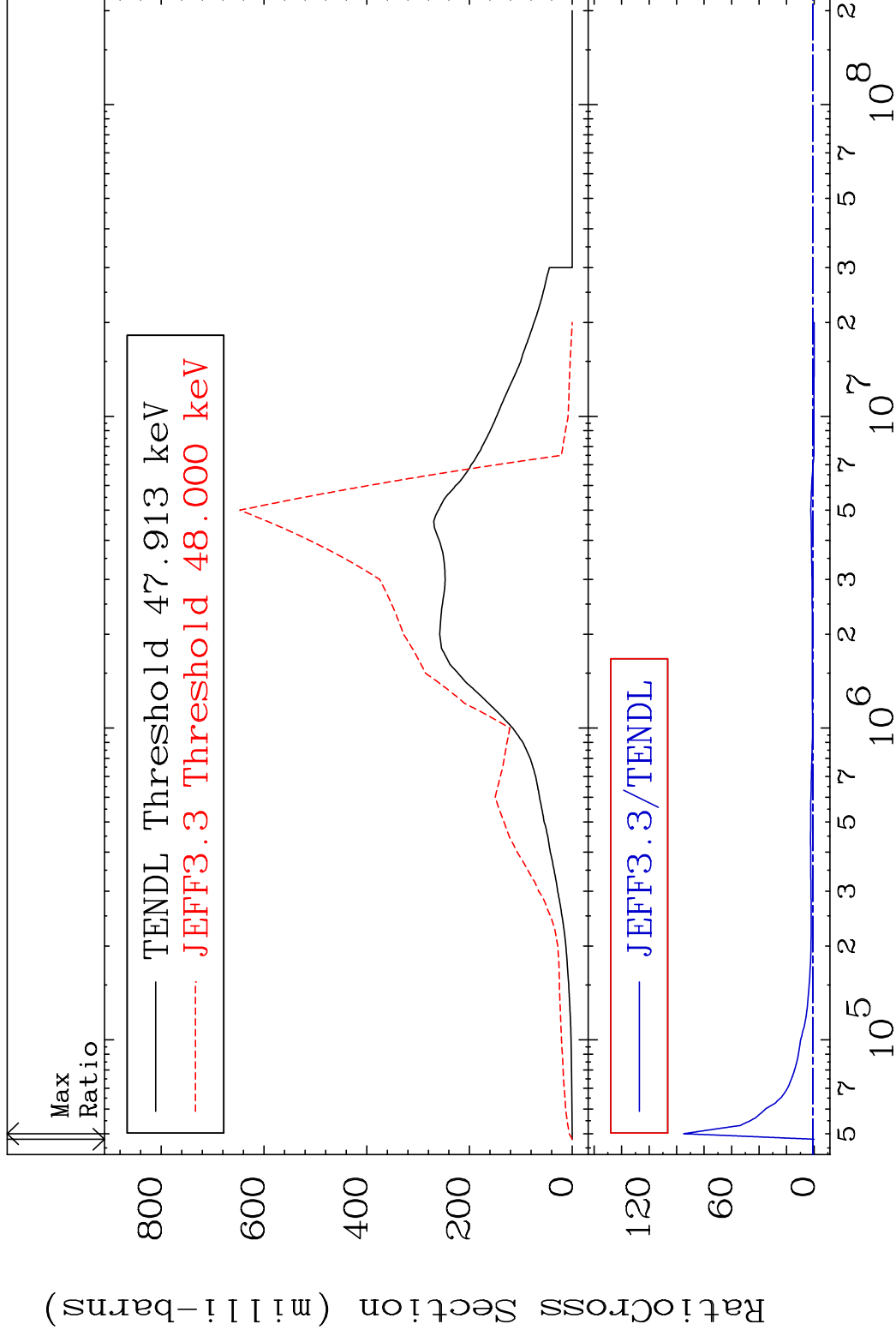
2

MAT 9431

Inelastic

94-Pu-237

Cross Section -100.0 To 9389. %



3

Incident Energy (eV)

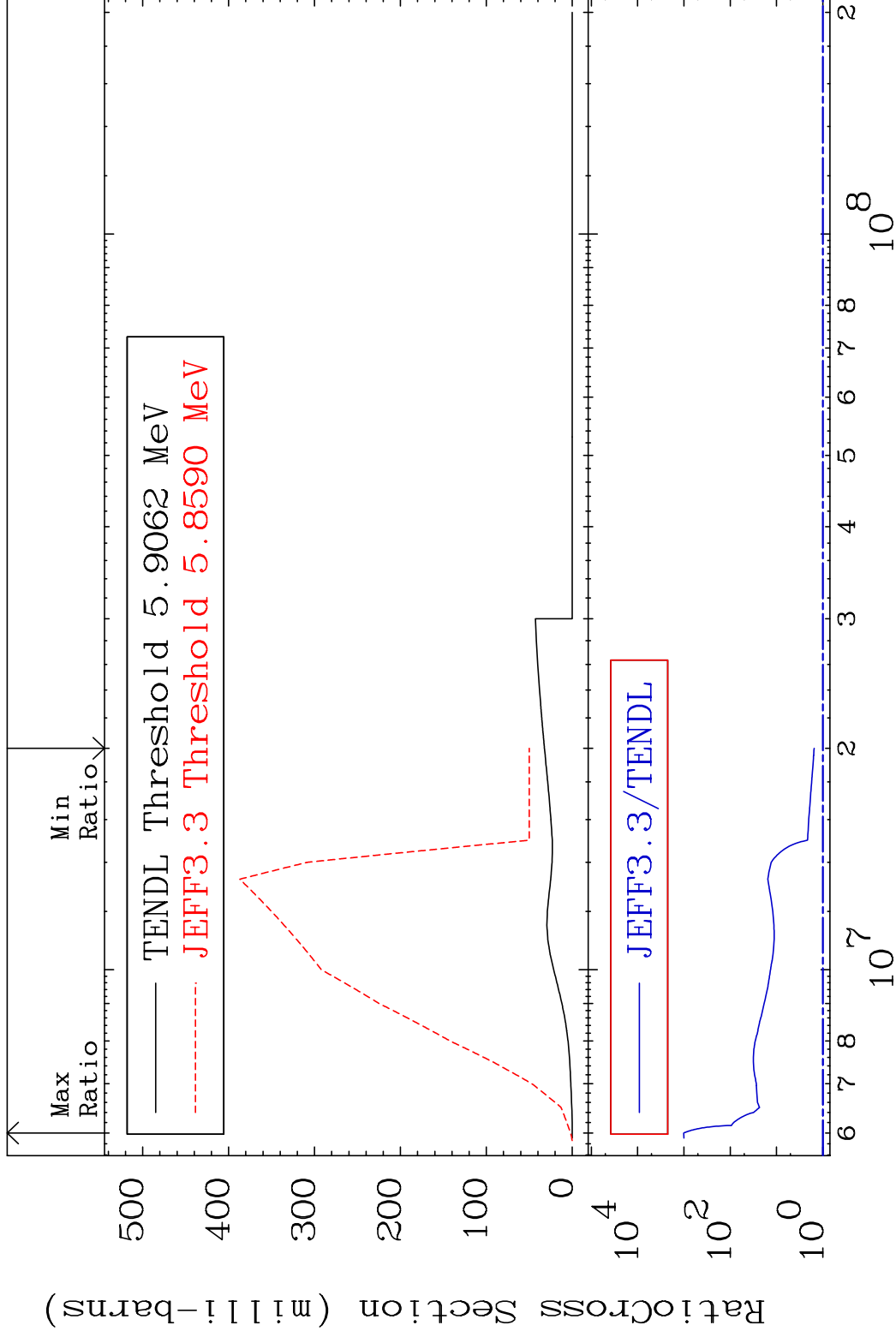
94-Pu-237

MAT 9431

(n,2n)

94-Pu-237

Cross Section 54.36 To 9999. %



4

Incident Energy (eV)

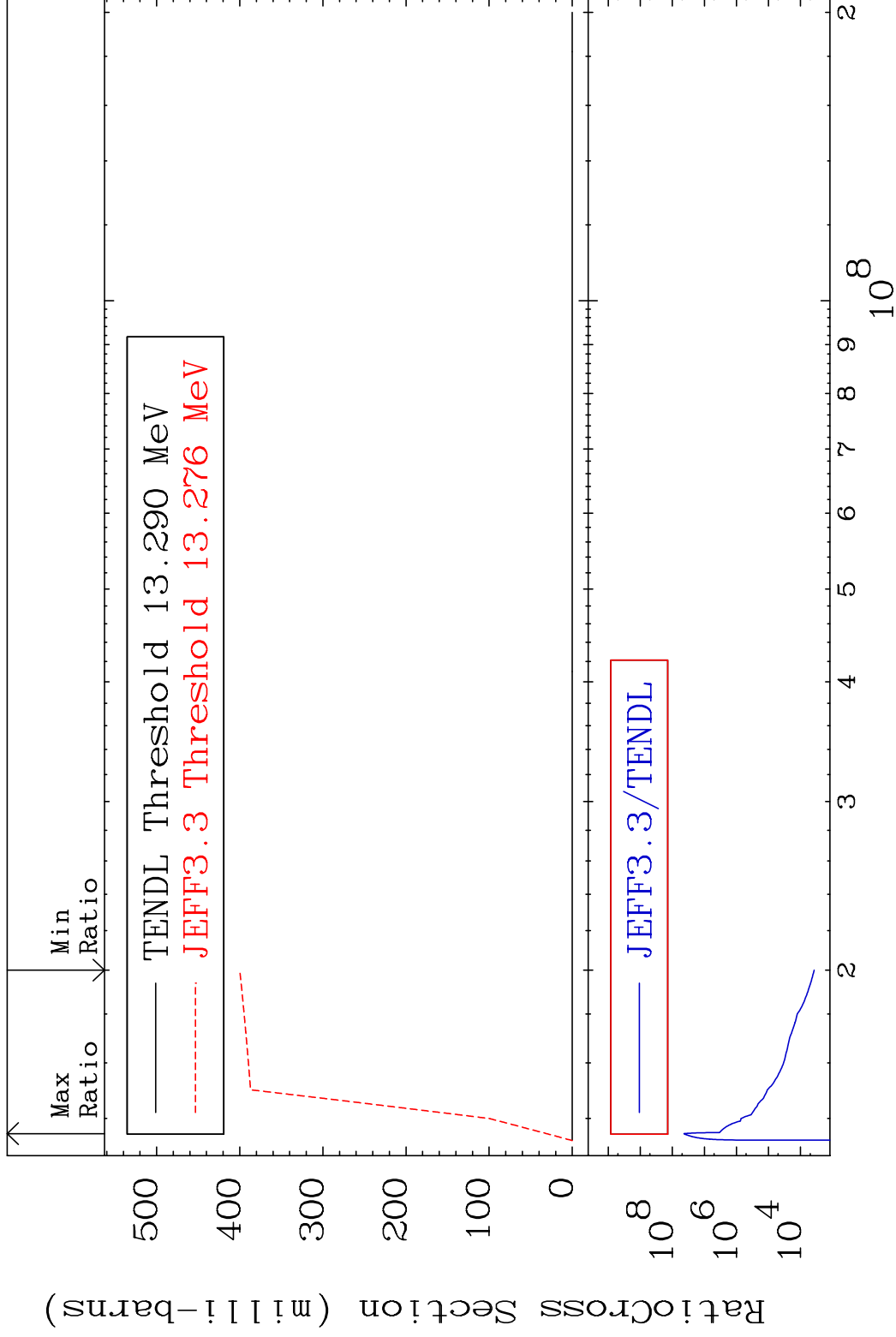
94-Pu-237

MAT 9431

(n,3n)

94-Pu-237

Cross Section 9999. To 9999. %



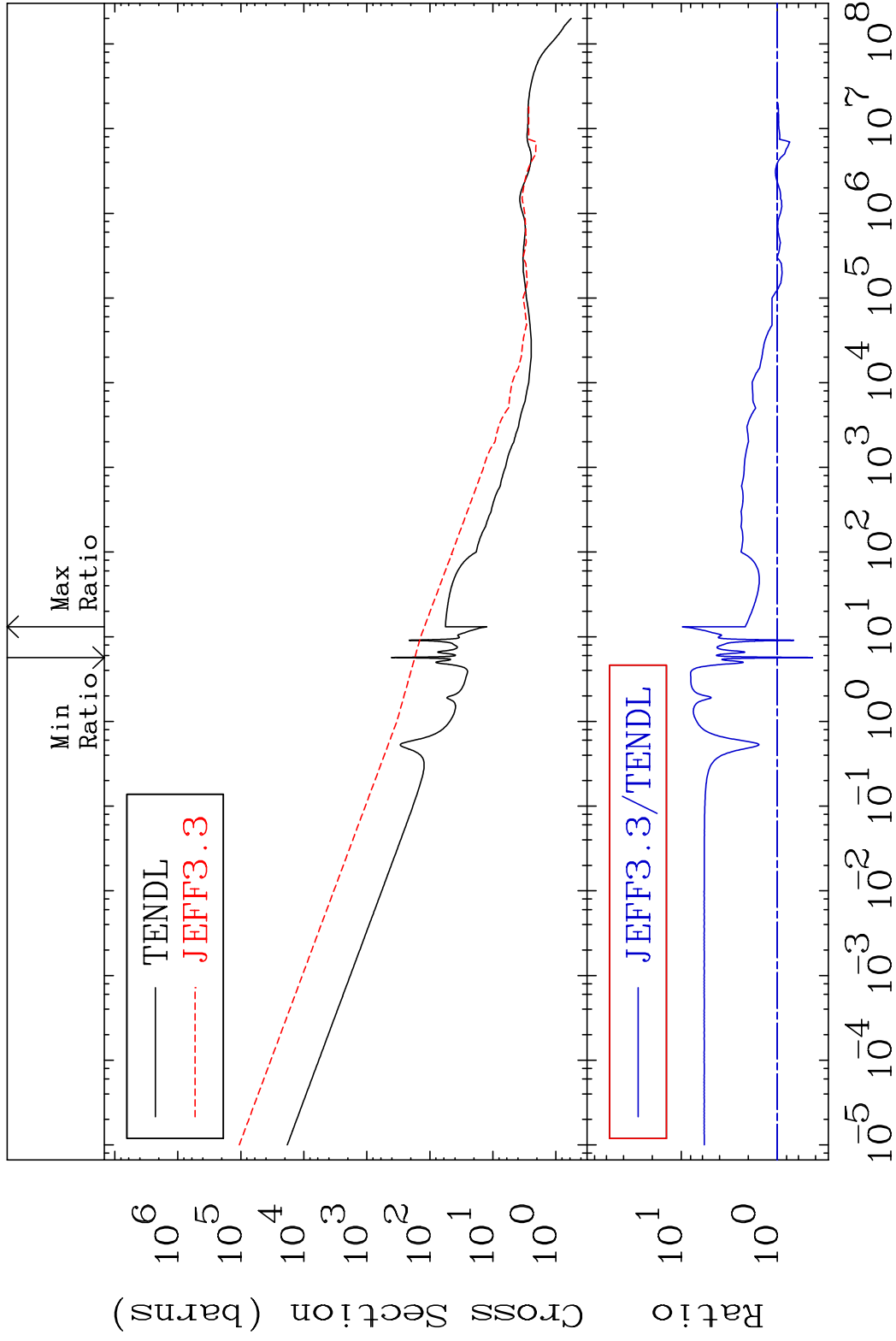
5

Incident Energy (eV)

94-Pu-237

MAT 9431

Fission Cross Section -57.10 To 873.8 %  
94-Pu-237



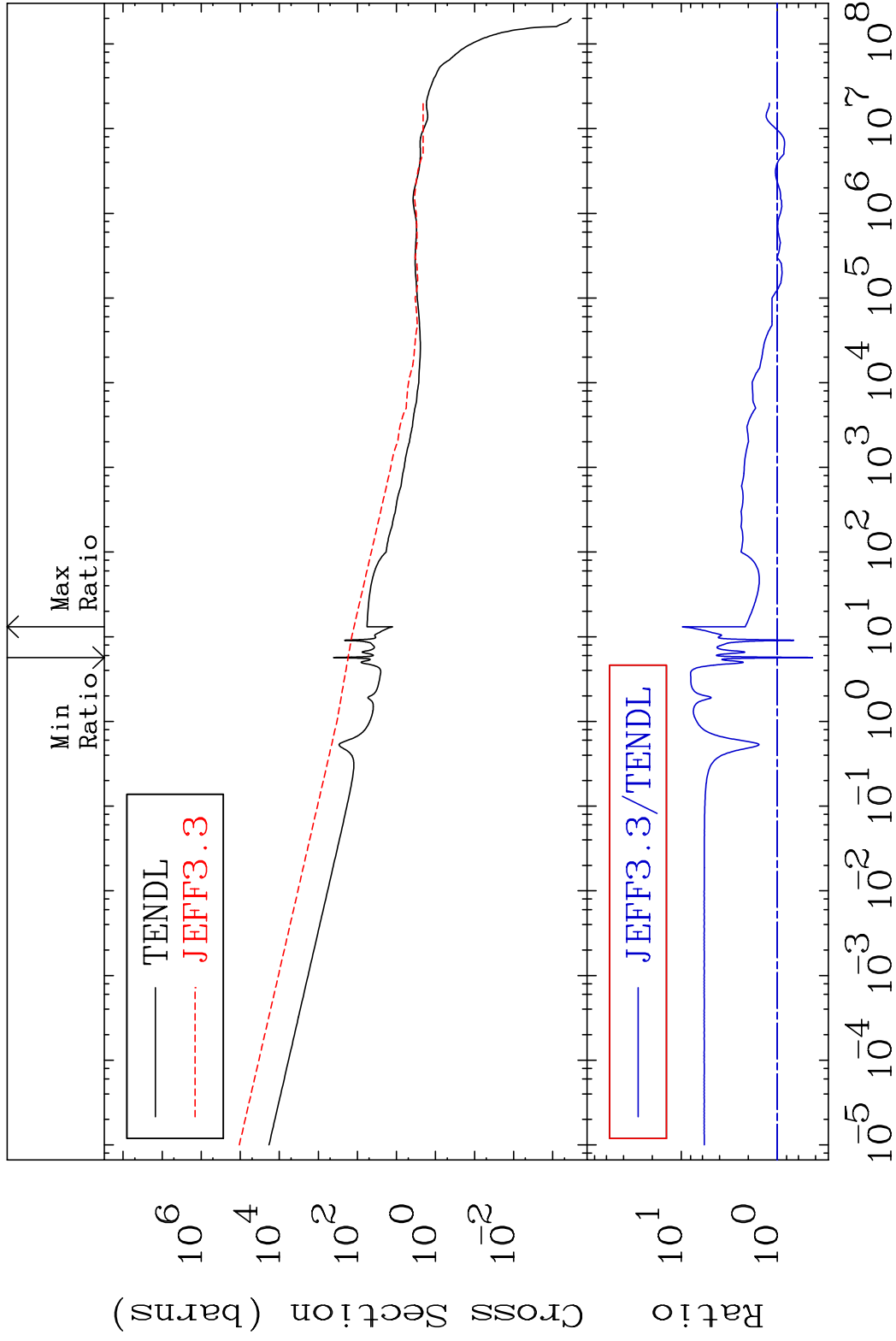
6

Incident Energy (eV)

94-Pu-237

MAT 9431

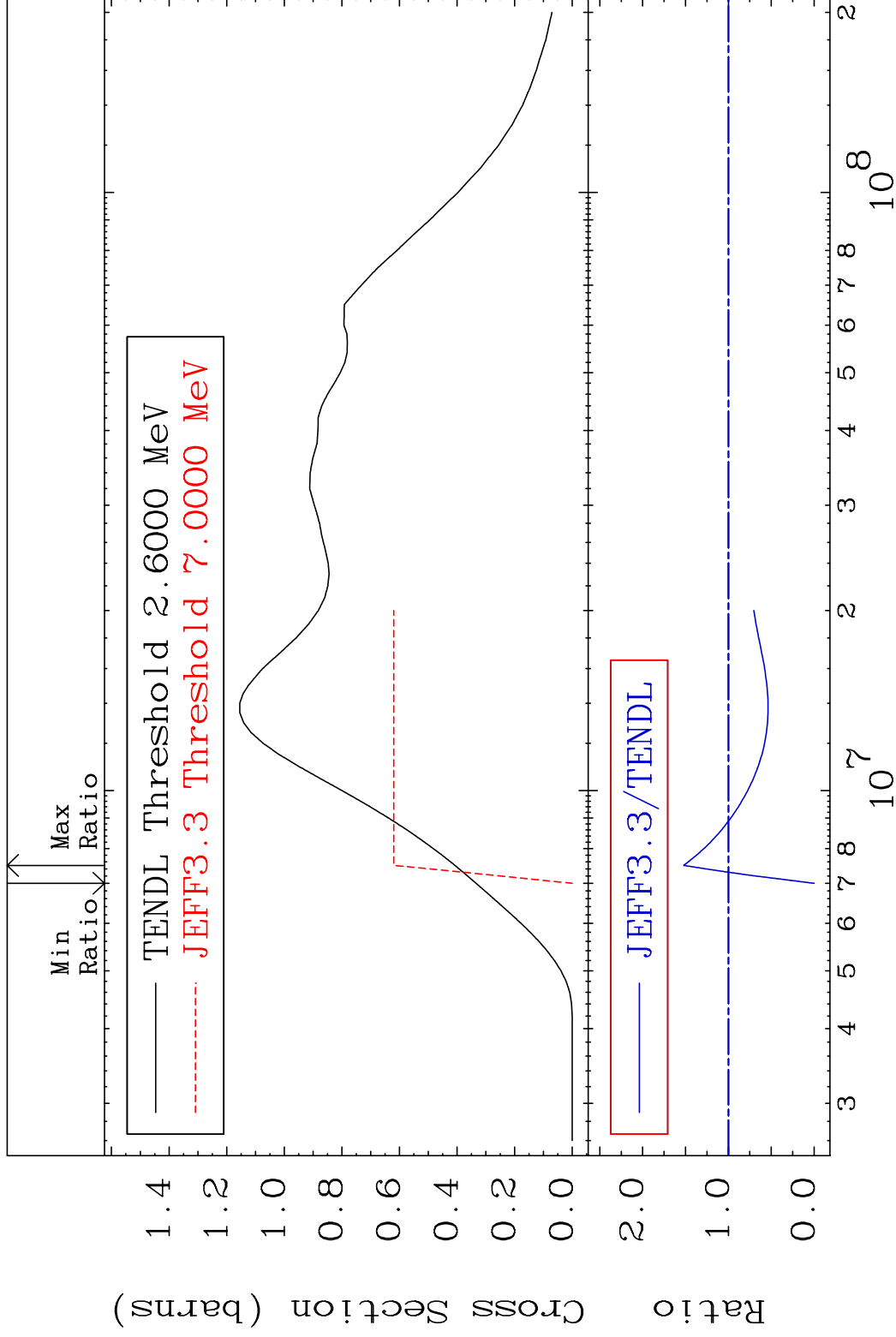
(n,f) First Chance 94-Pu-237  
Cross Section -57.10 To 873.8 %



7 Incident Energy (eV) 94-Pu-237

MAT 9431

(n, nf) Second Chance 94-Pu-237  
Cross Section -100.0 To 52.16 %

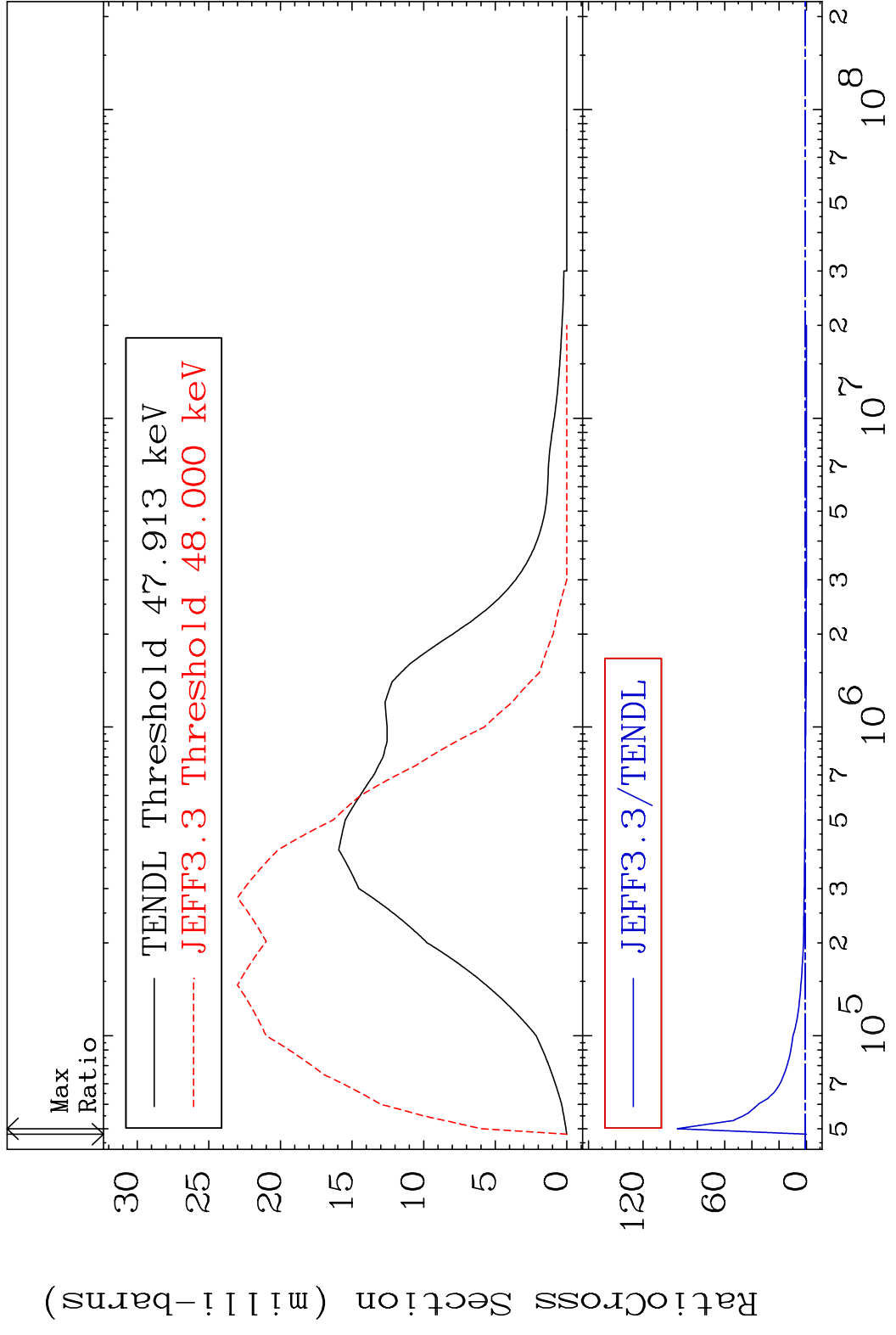


8

Incident Energy (eV)

94-Pu-237

MAT 9431 MT= 51 (n, n') Level 94-Pu-237  
 Cross Section -100.0 To 9389. %

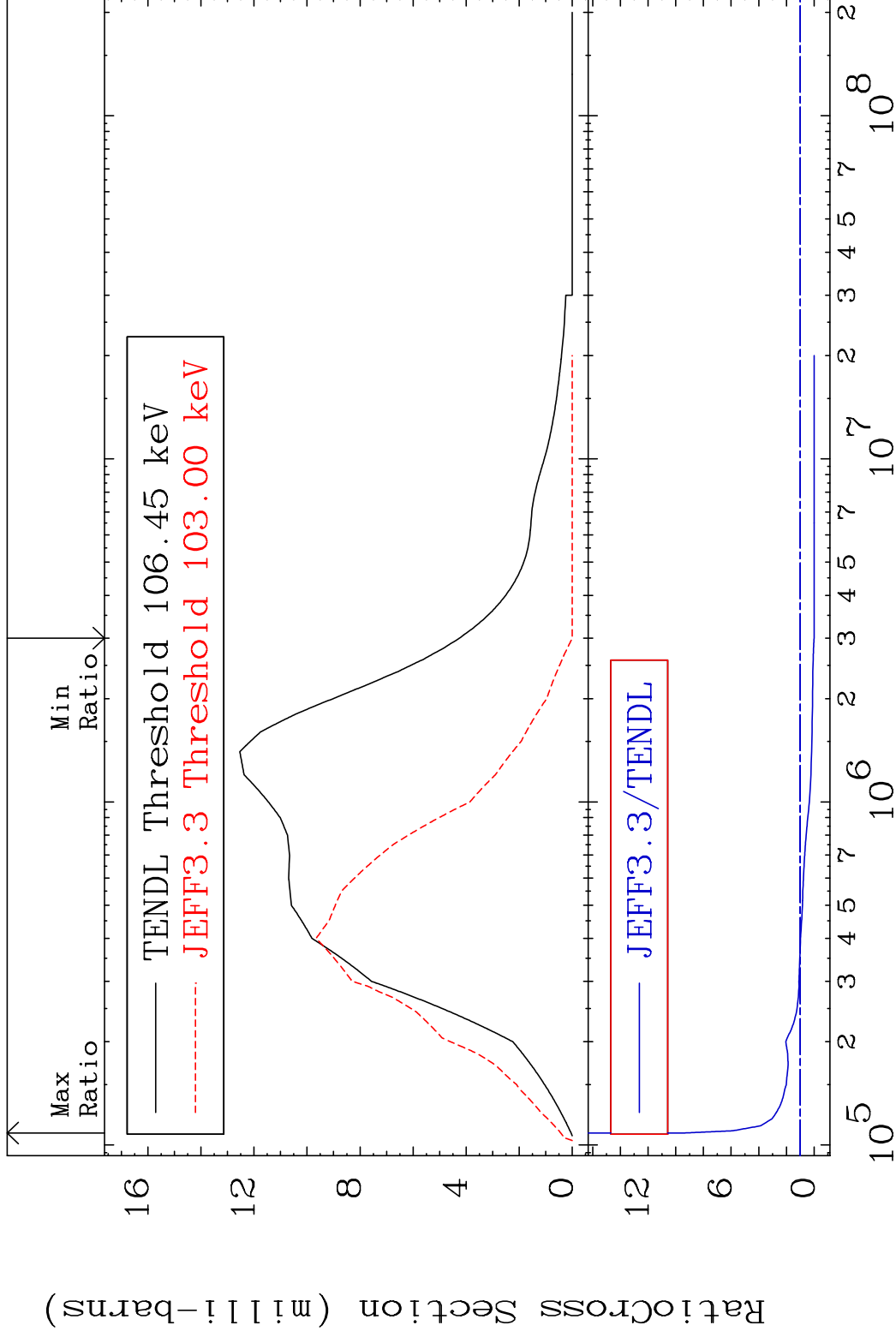


MAT 9431

MT= 52 (n, n') Level

94-Pu-237

Cross Section -100.0 To 842.7 %

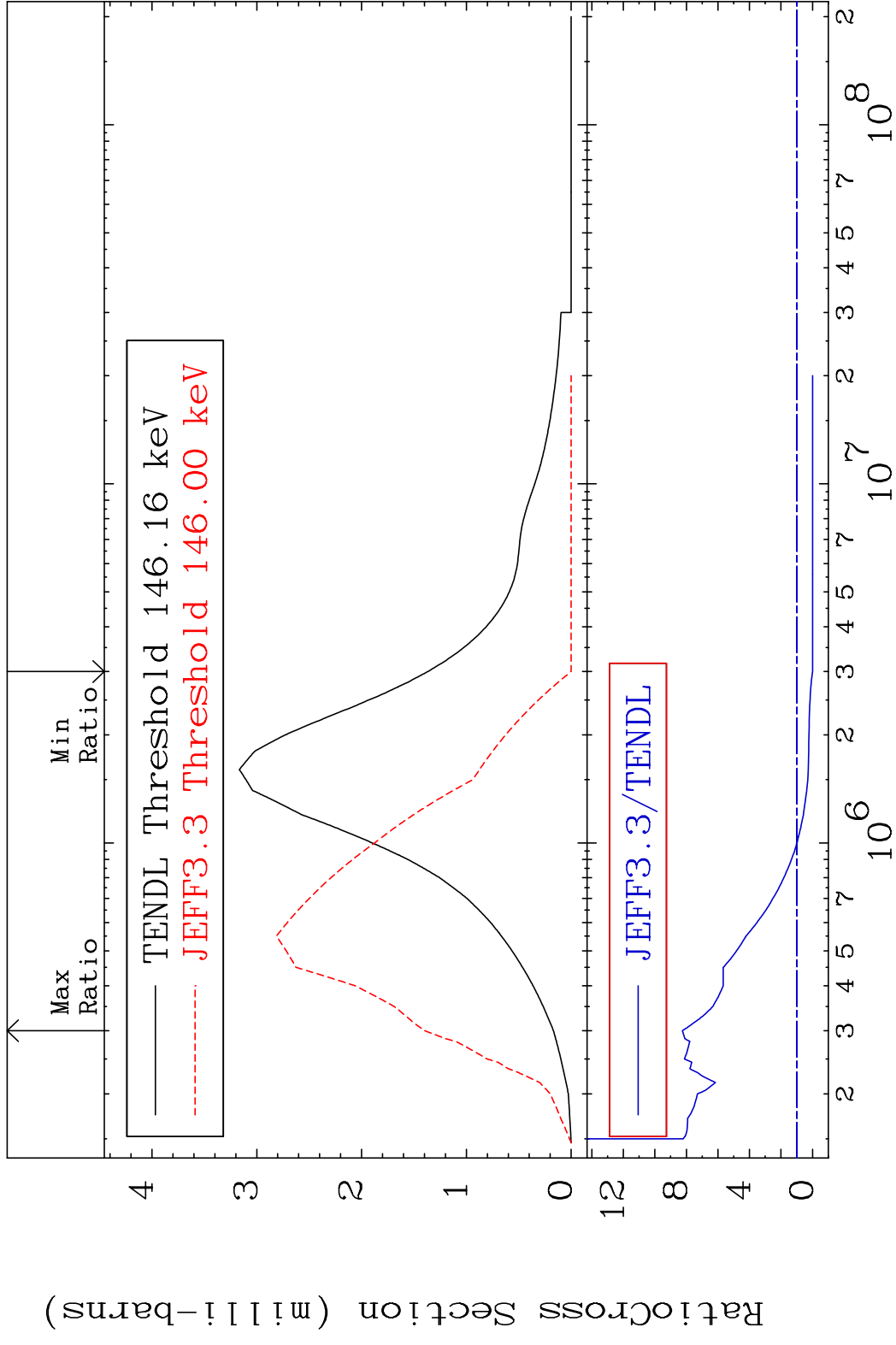


10

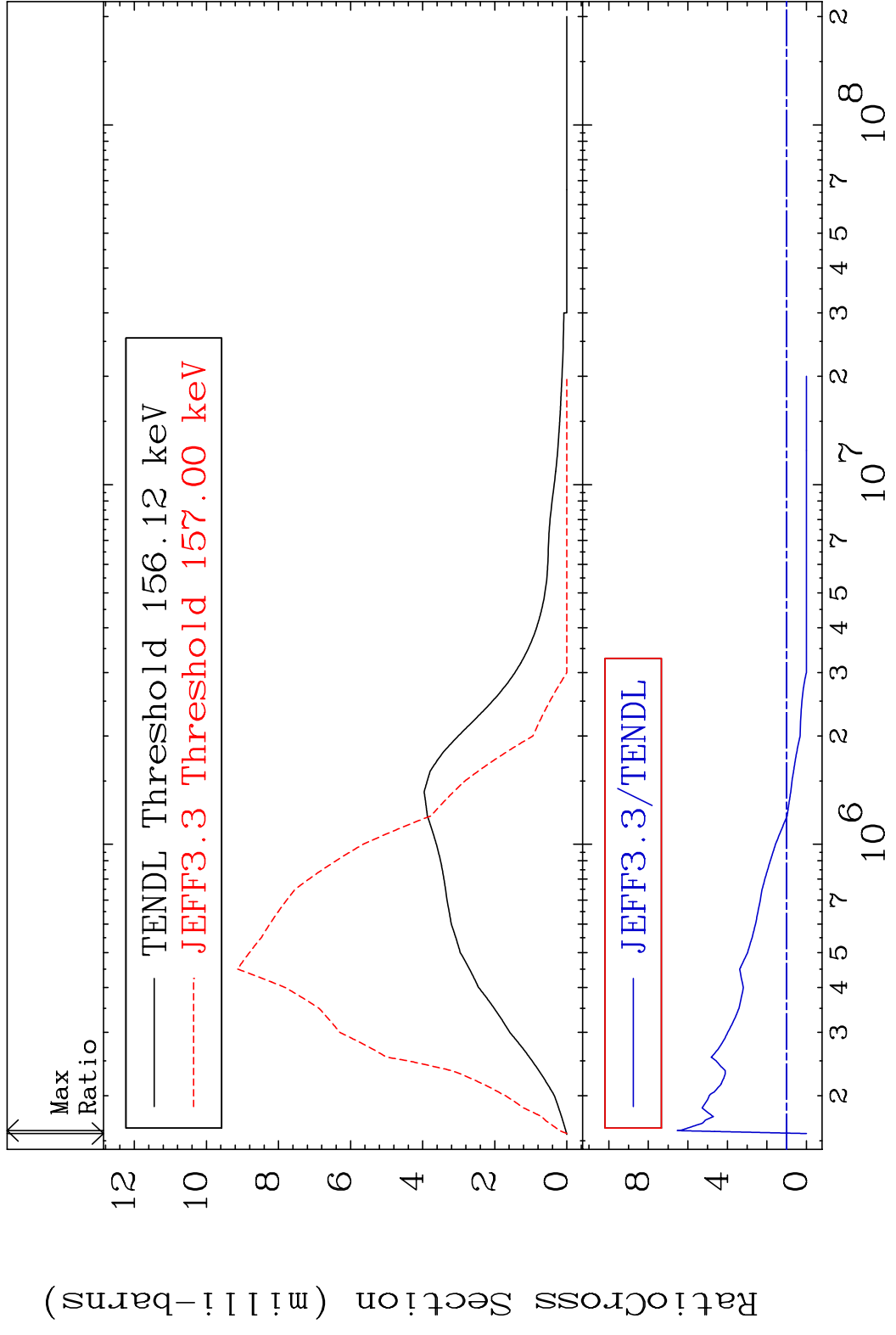
Incident Energy (eV)

94-Pu-237

MAT 9431 MT= 53 (n, n') Level 94-Pu-237  
 Cross Section -100.0 To 725.6 %



MAT 9431 MT= 54 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 553.9 %

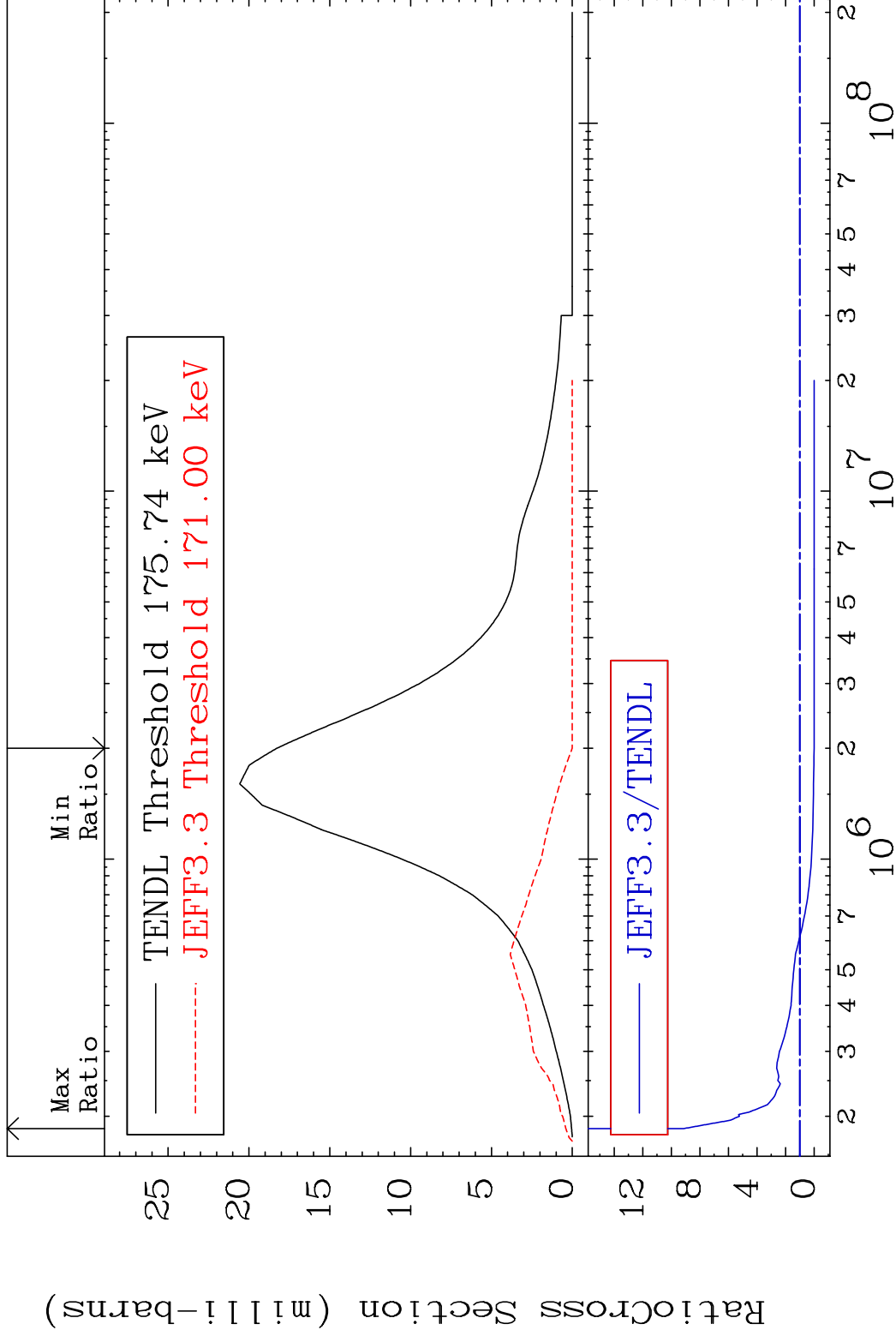


MAT 9431

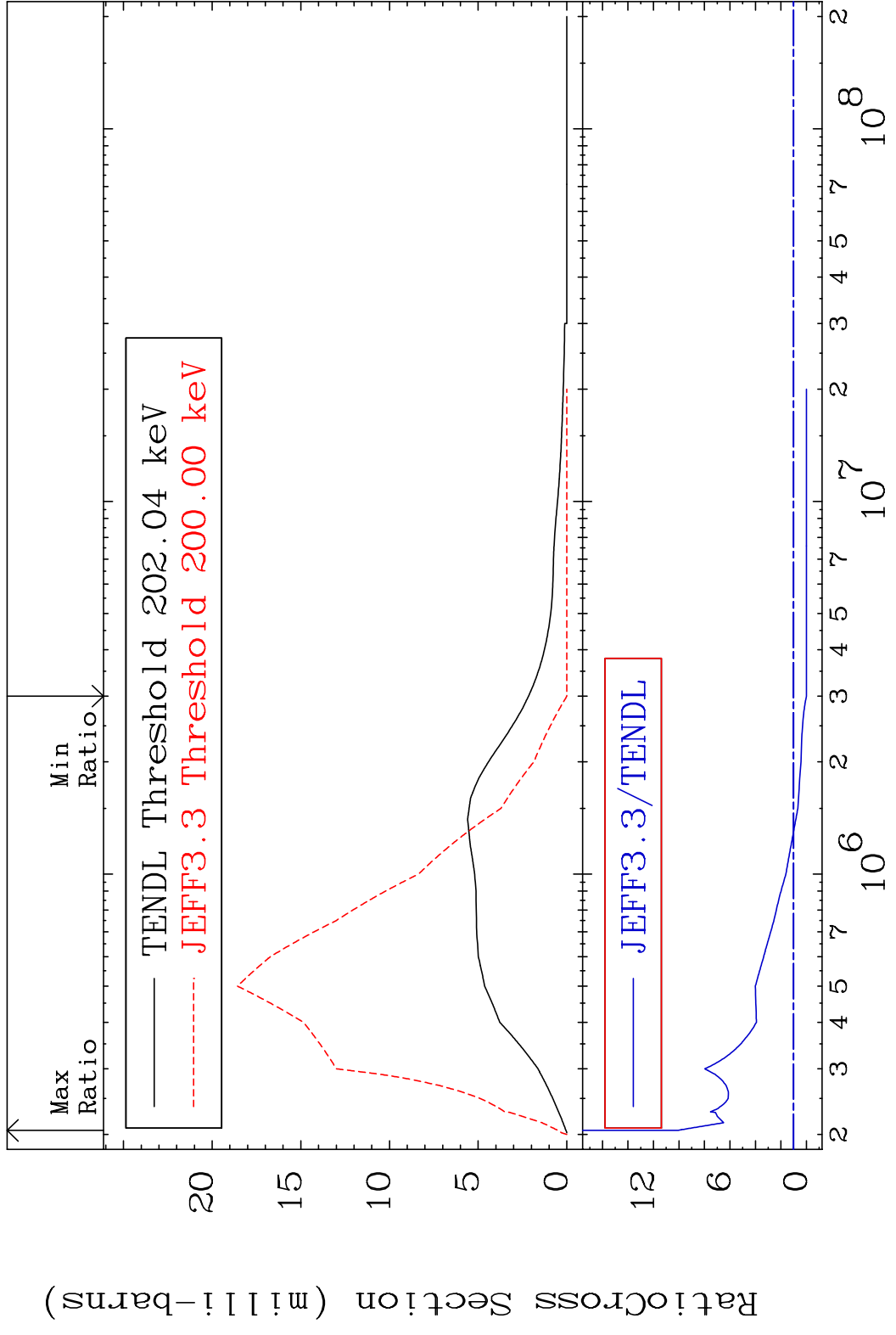
MT= 55 (n,n') Level

94-Pu-237

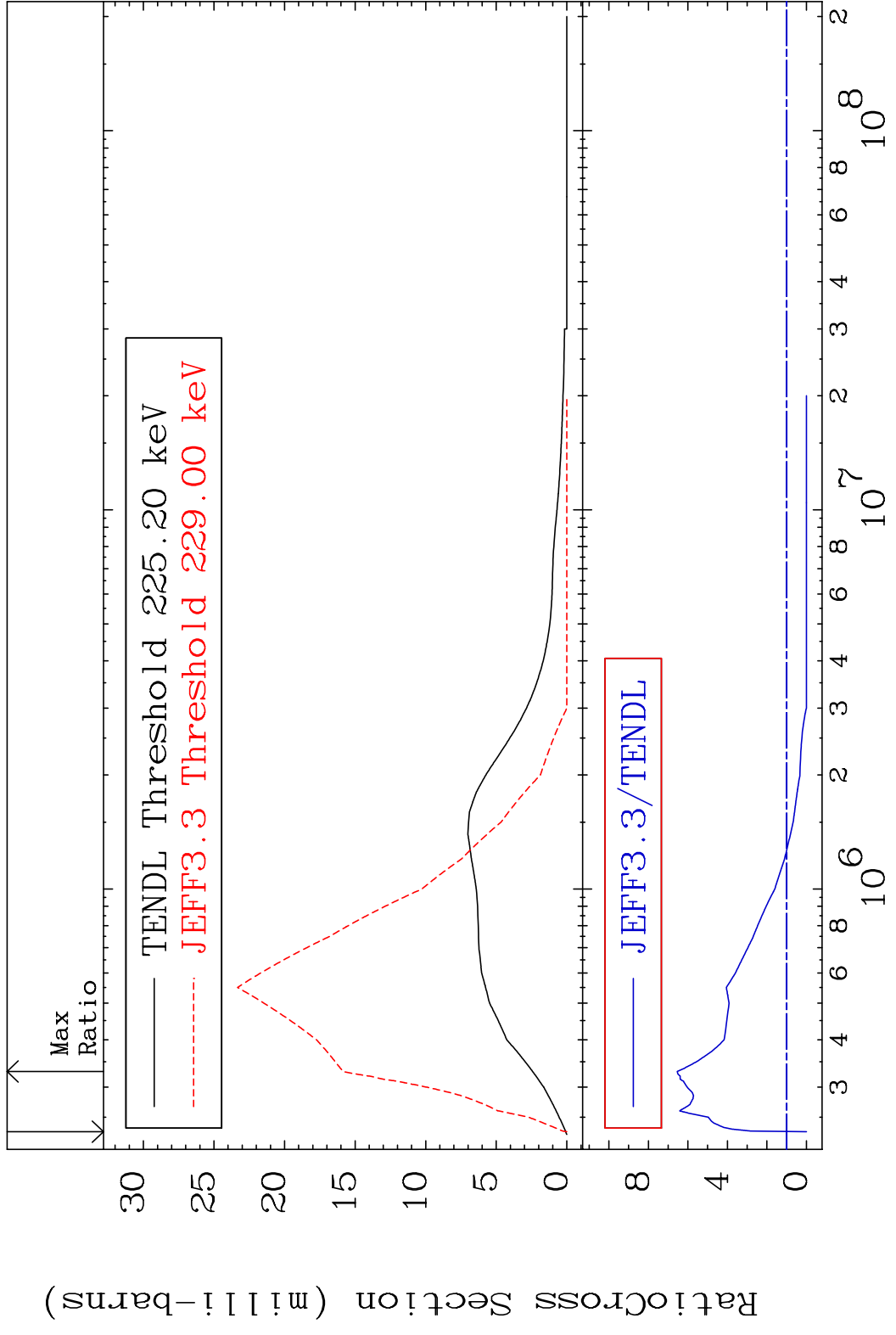
Cross Section -100.0 To 813.5 %



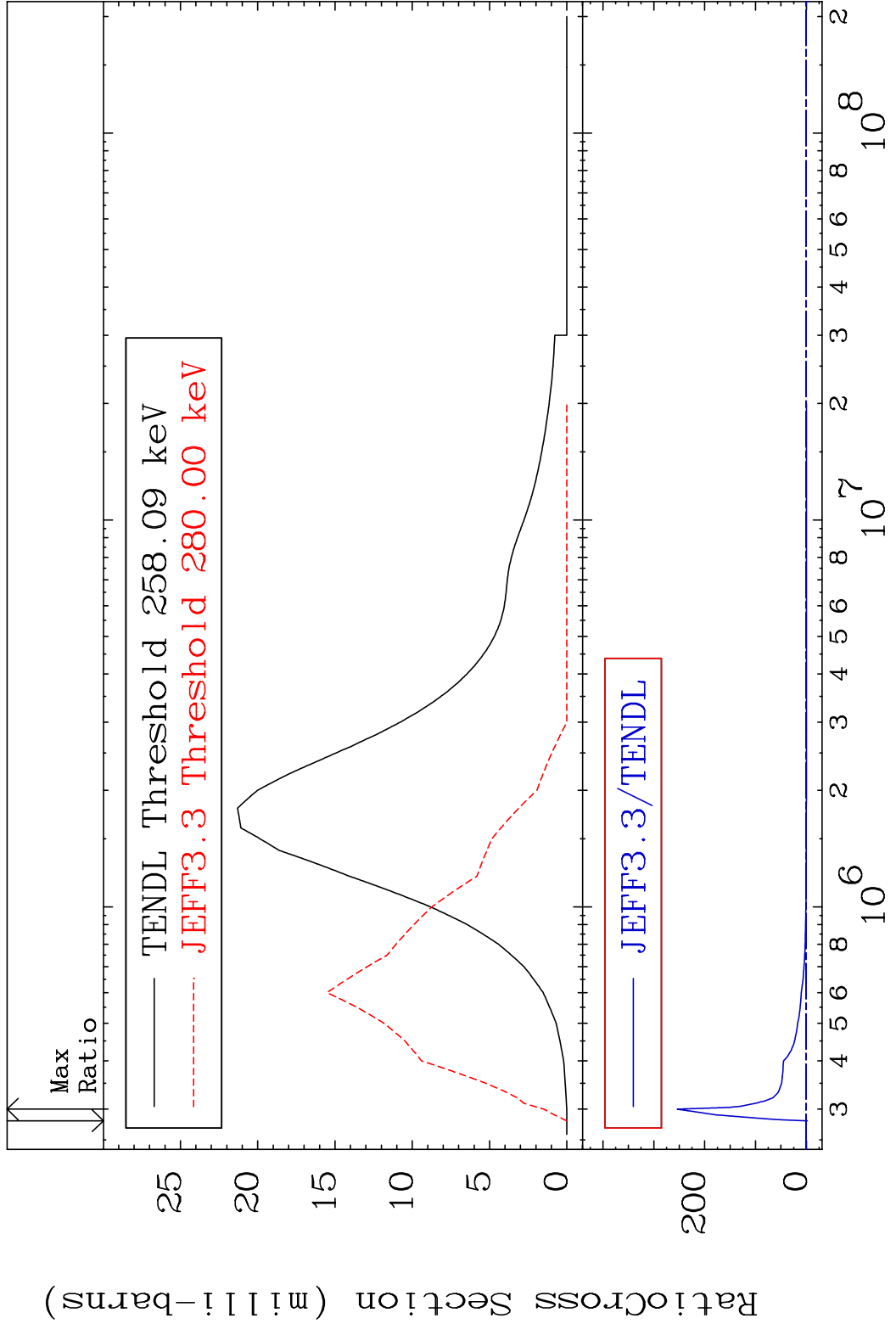
MAT 9431 MT= 56 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 914.0 %



MAT 9431 MT= 57 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 554.1 %



MAT 9431 MT= 58 (n,n') Level 94-Pu-237  
 Cross Section -100.0 To 9999. %

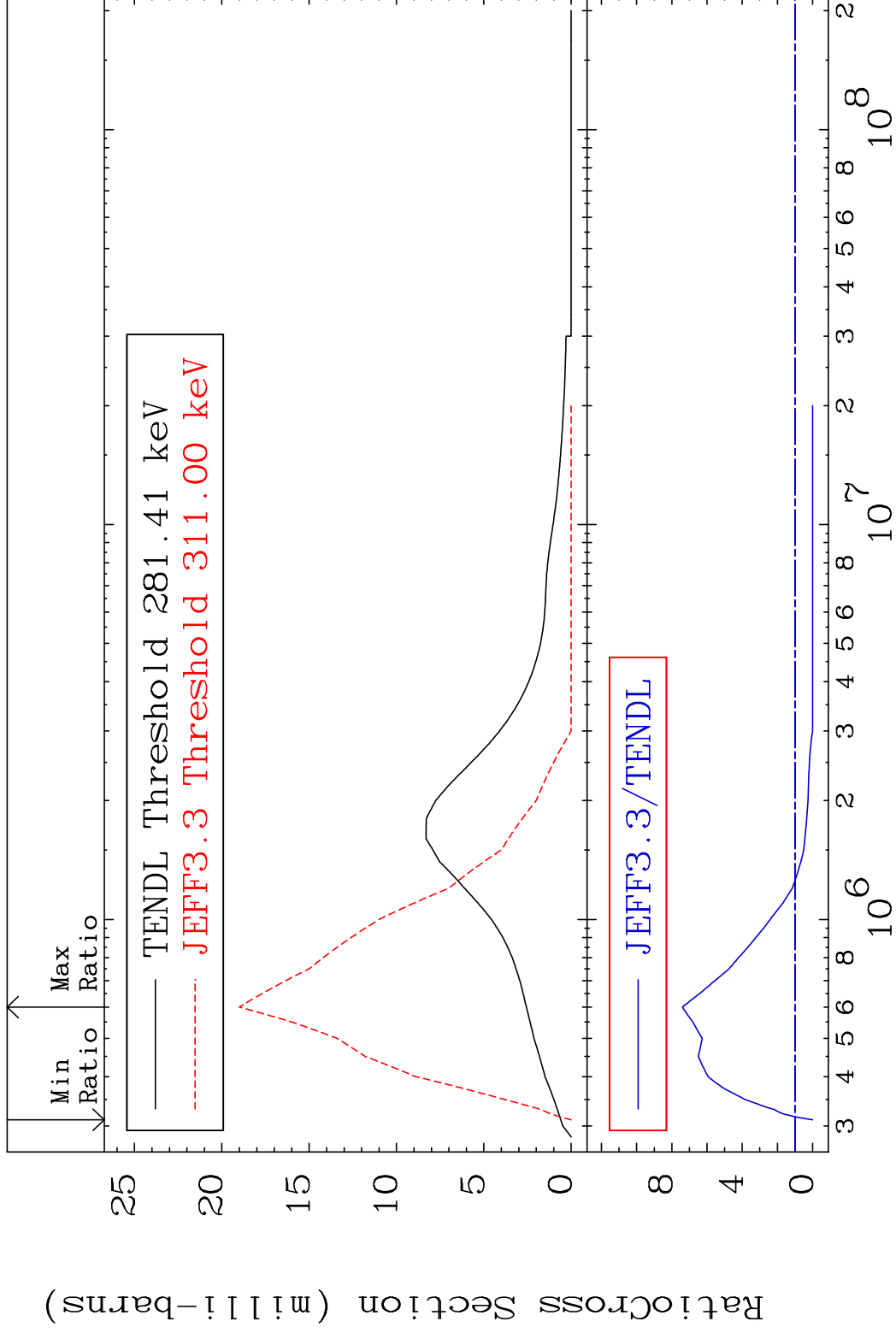


MAT 9431

MT= 59 (n, n') Level

94-Pu-237

Cross Section -100.0 To 640.2 %

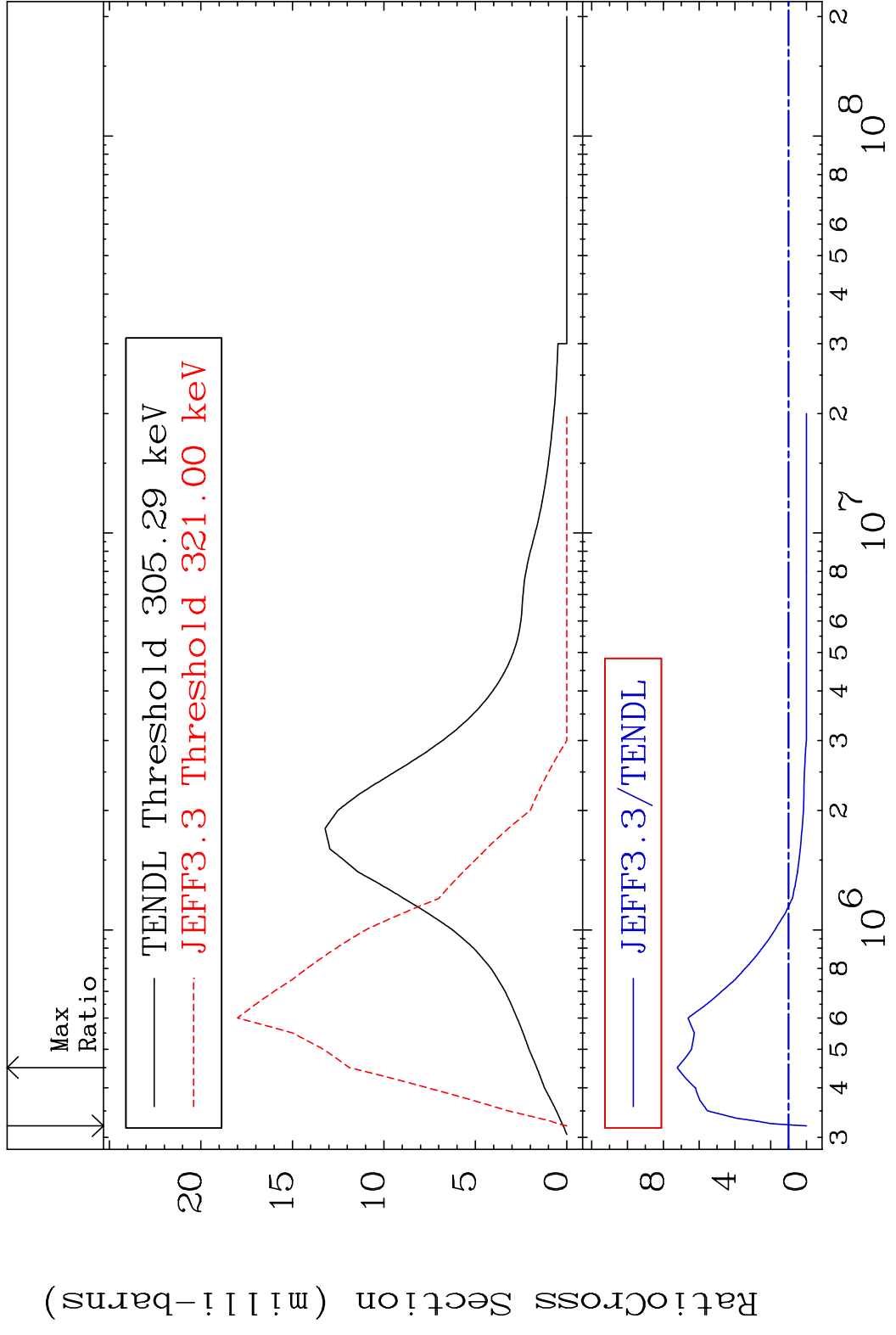


17

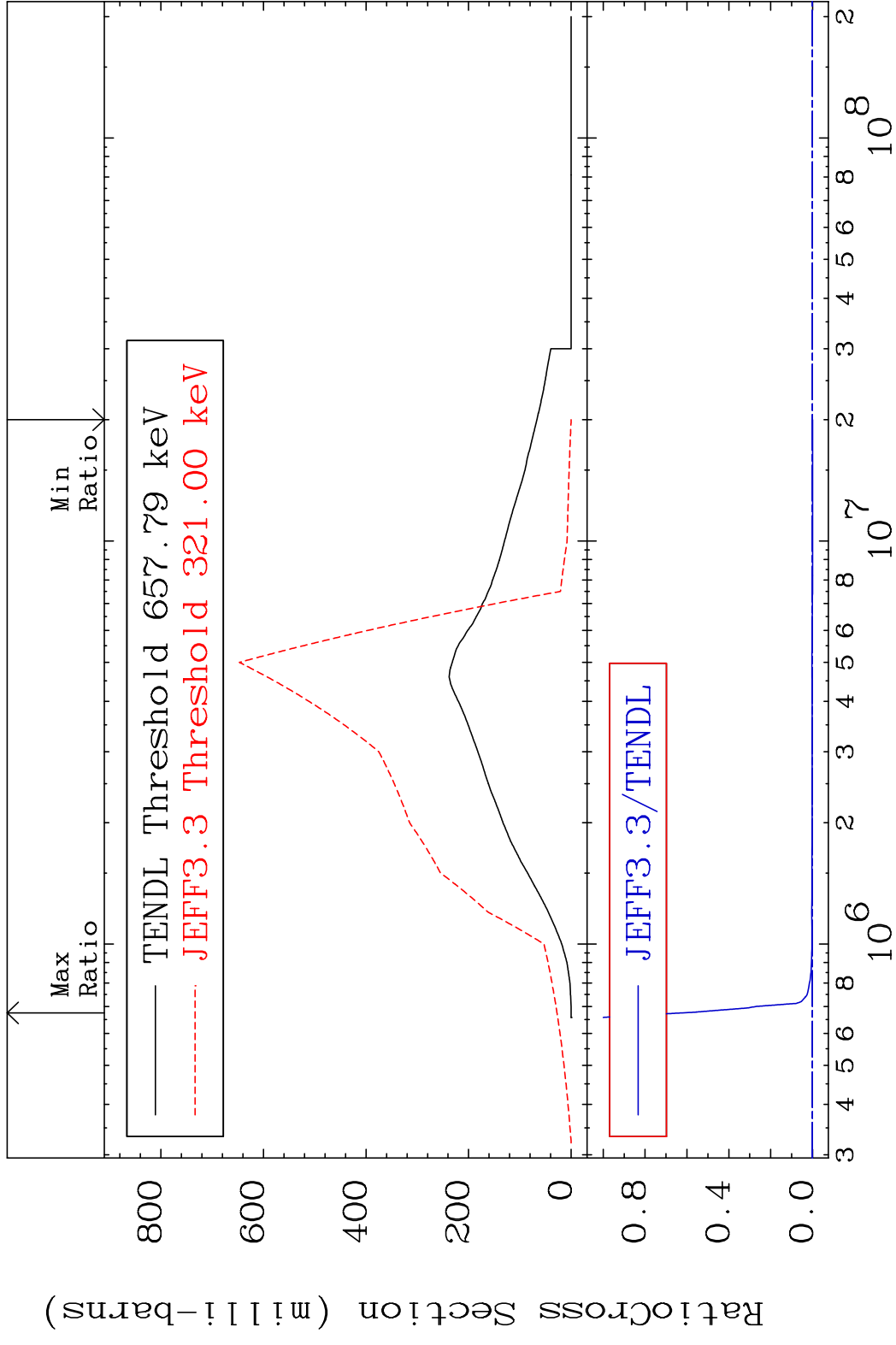
Incident Energy (eV)

94-Pu-237

MAT 9431 MT= 60 (n, n') Level 94-Pu-237  
 Cross Section -100.0 To 622.4 %



MAT 9431 (n, n') Continuum 94-Pu-237  
 Cross Section -100.0 To 9999. %

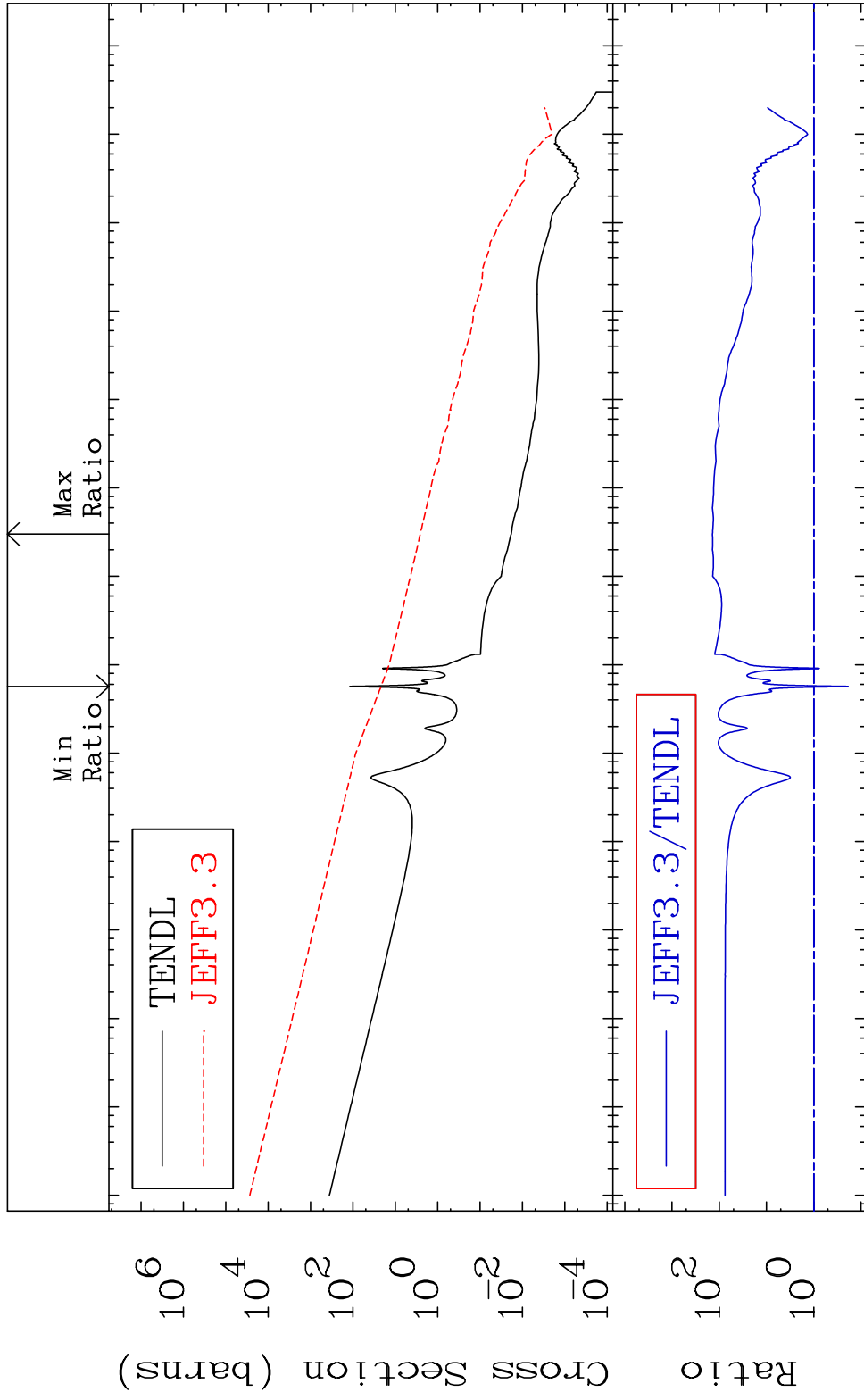


MAT 9431

94-Pu-237

(n,  $\gamma$ )

Cross Section -81.43 To 9999. %



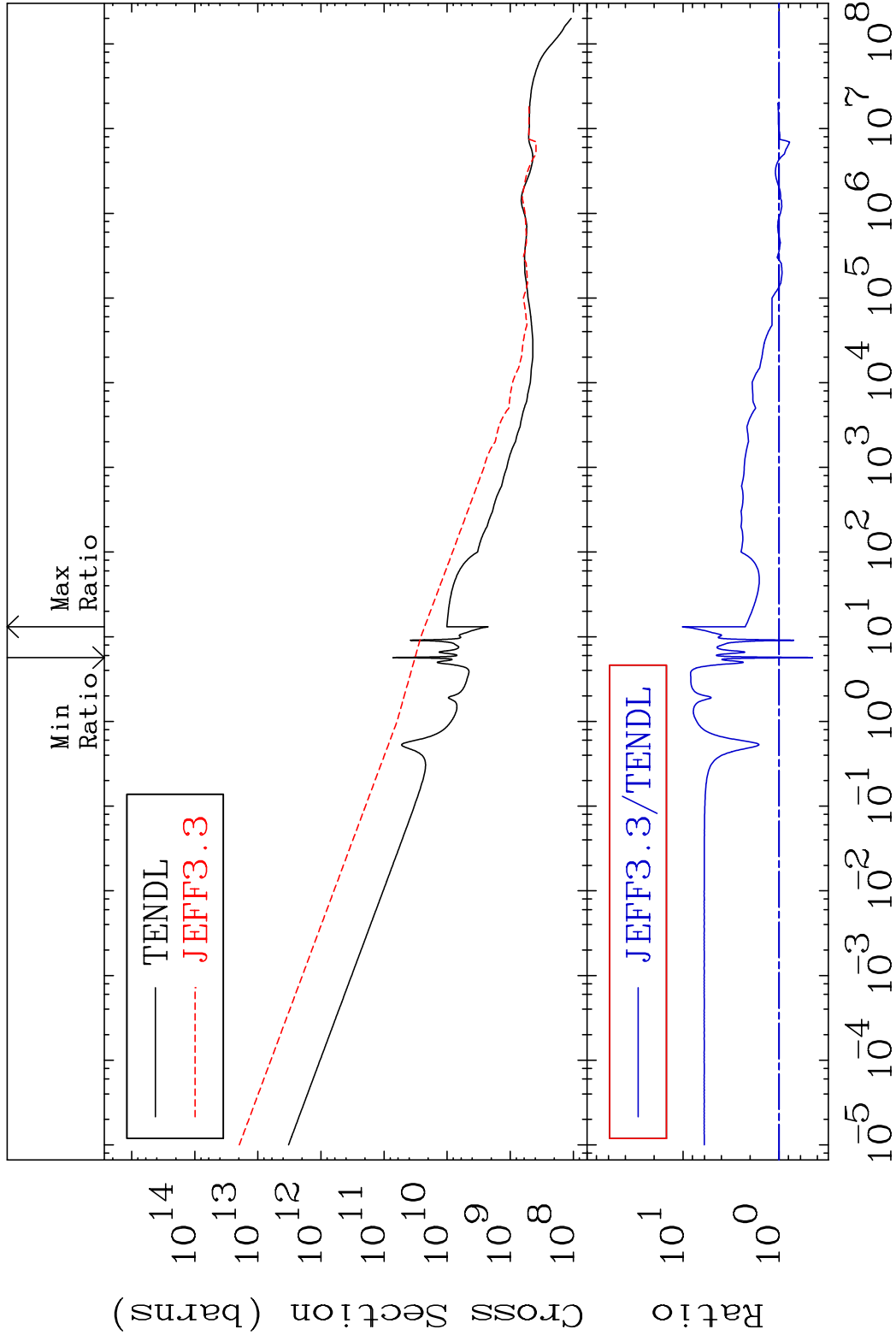
20

Incident Energy (eV)

94-Pu-237

MAT 9431

Kerma total (eV-barns) 94-Pu-237  
Cross Section -55.14 To 918.3 %



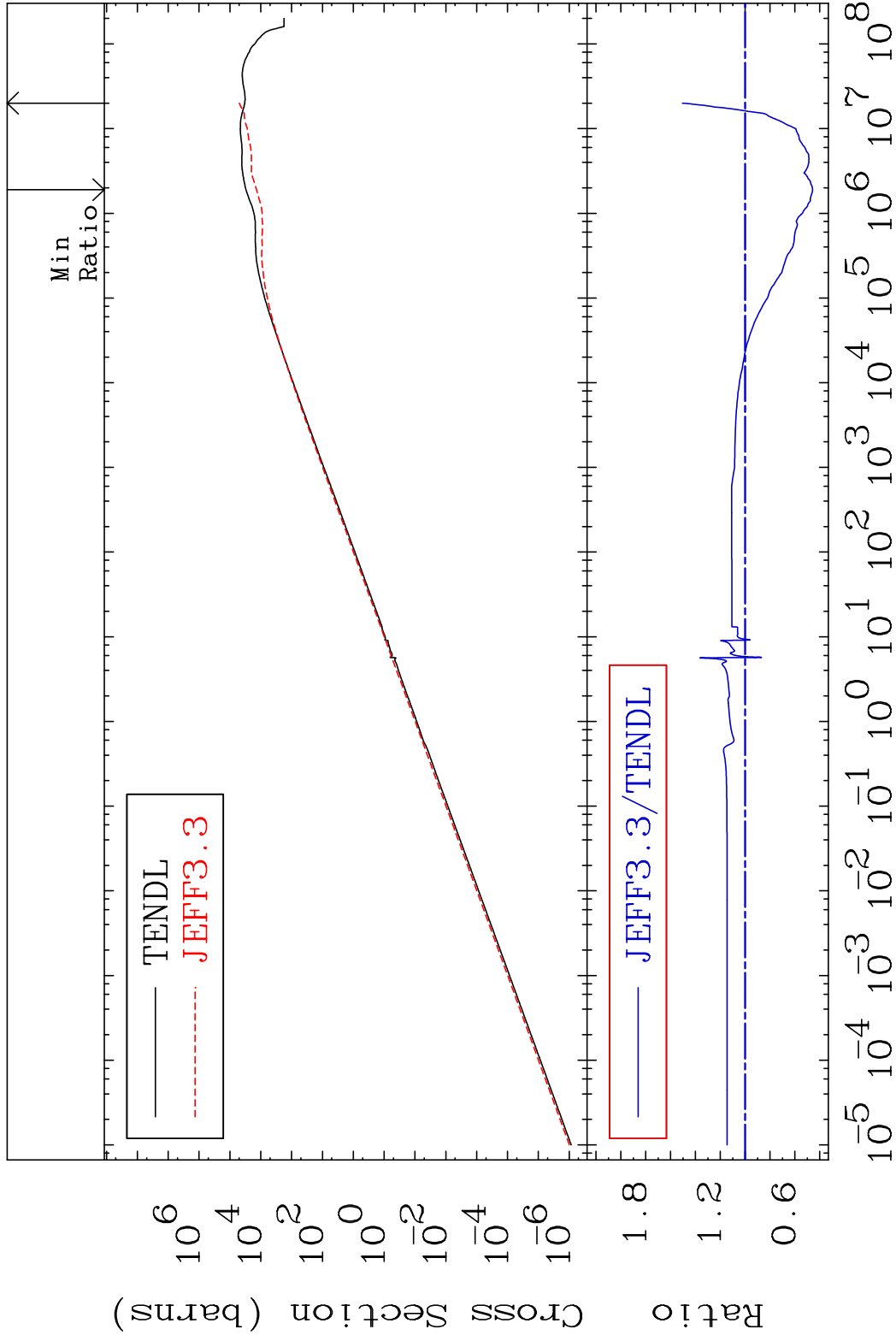
21

Incident Energy (eV) 94-Pu-237

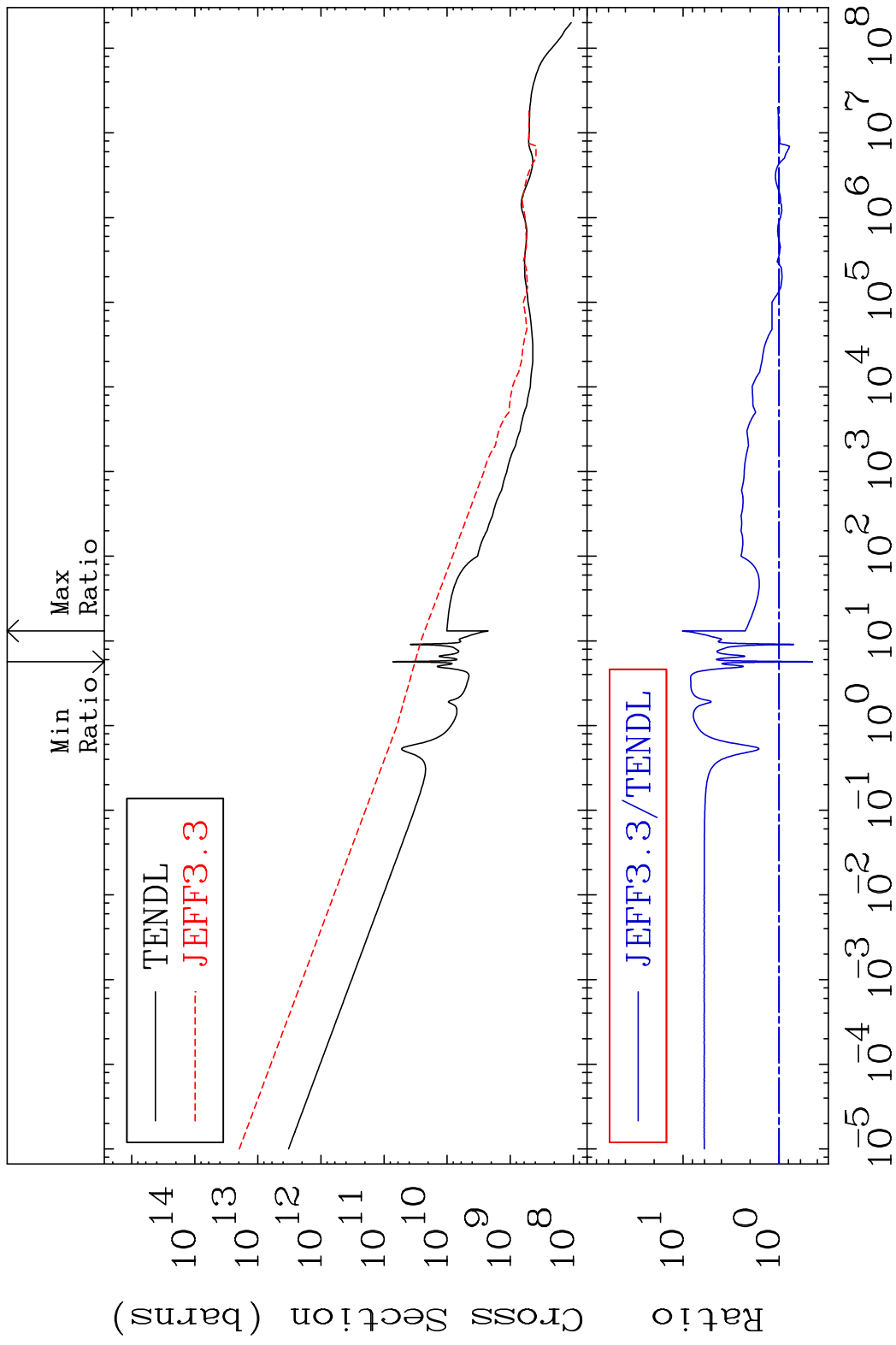
MAT 9431

Kerma elastic  
Cross Section -54.23 To 50.56 %

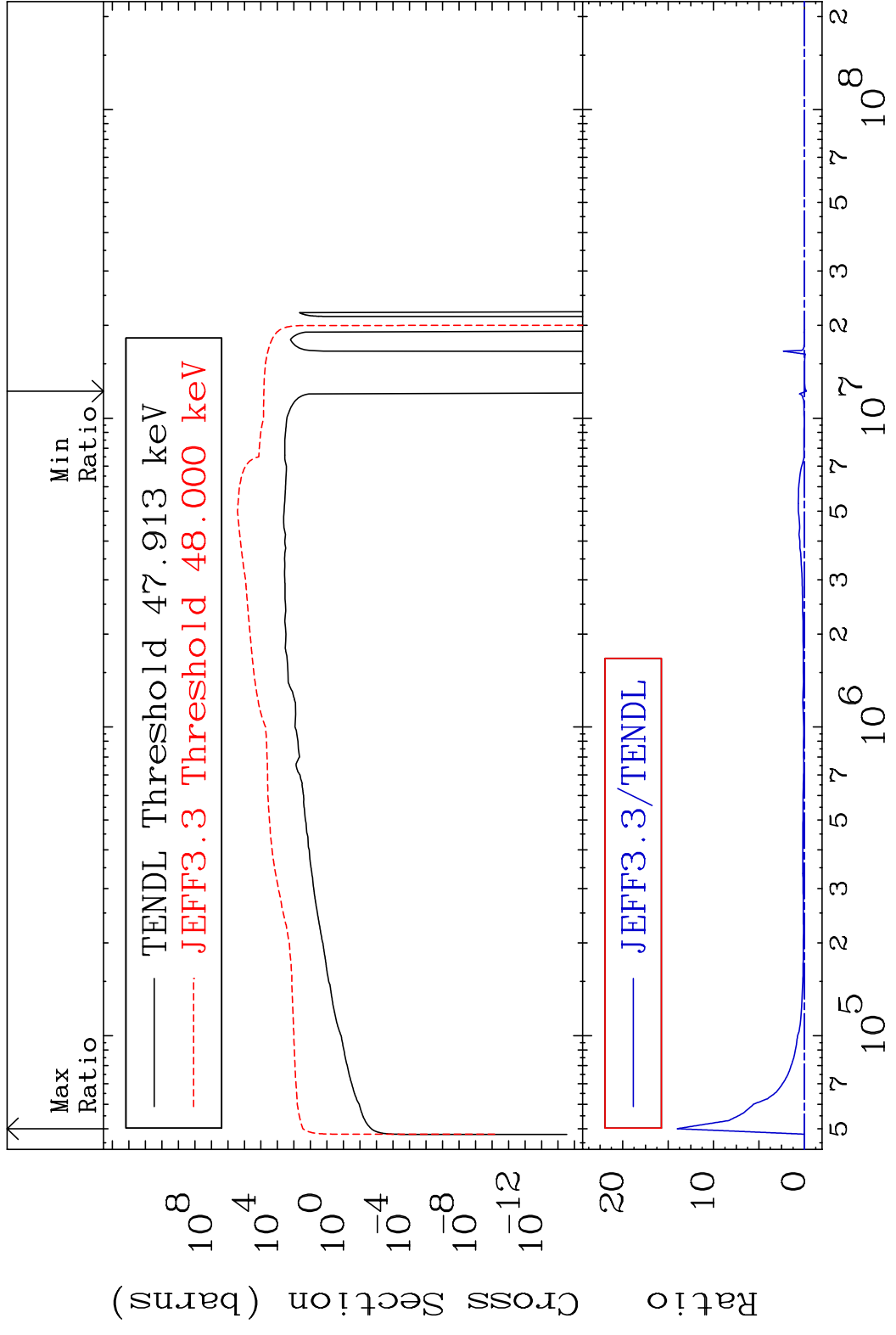
94-Pu-237



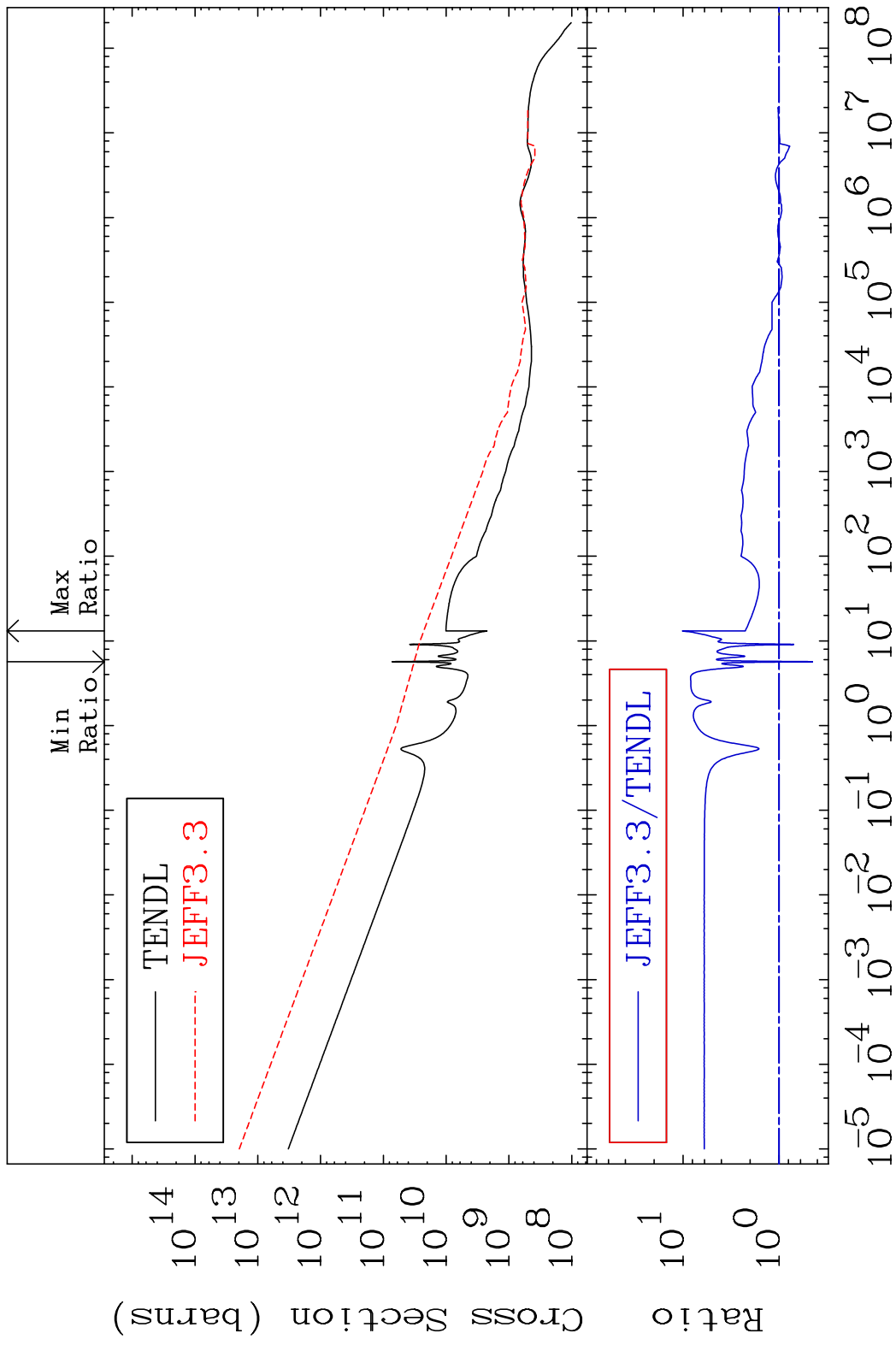
MAT 9431 Kerma non-elastic (all but mt2) 94-Pu-237  
 Cross Section -55.14 To 918.3 %



MAT 9431 Kerma inelastic (mt51-91) 94-Pu-237  
 Cross Section -9999. To 9999. %

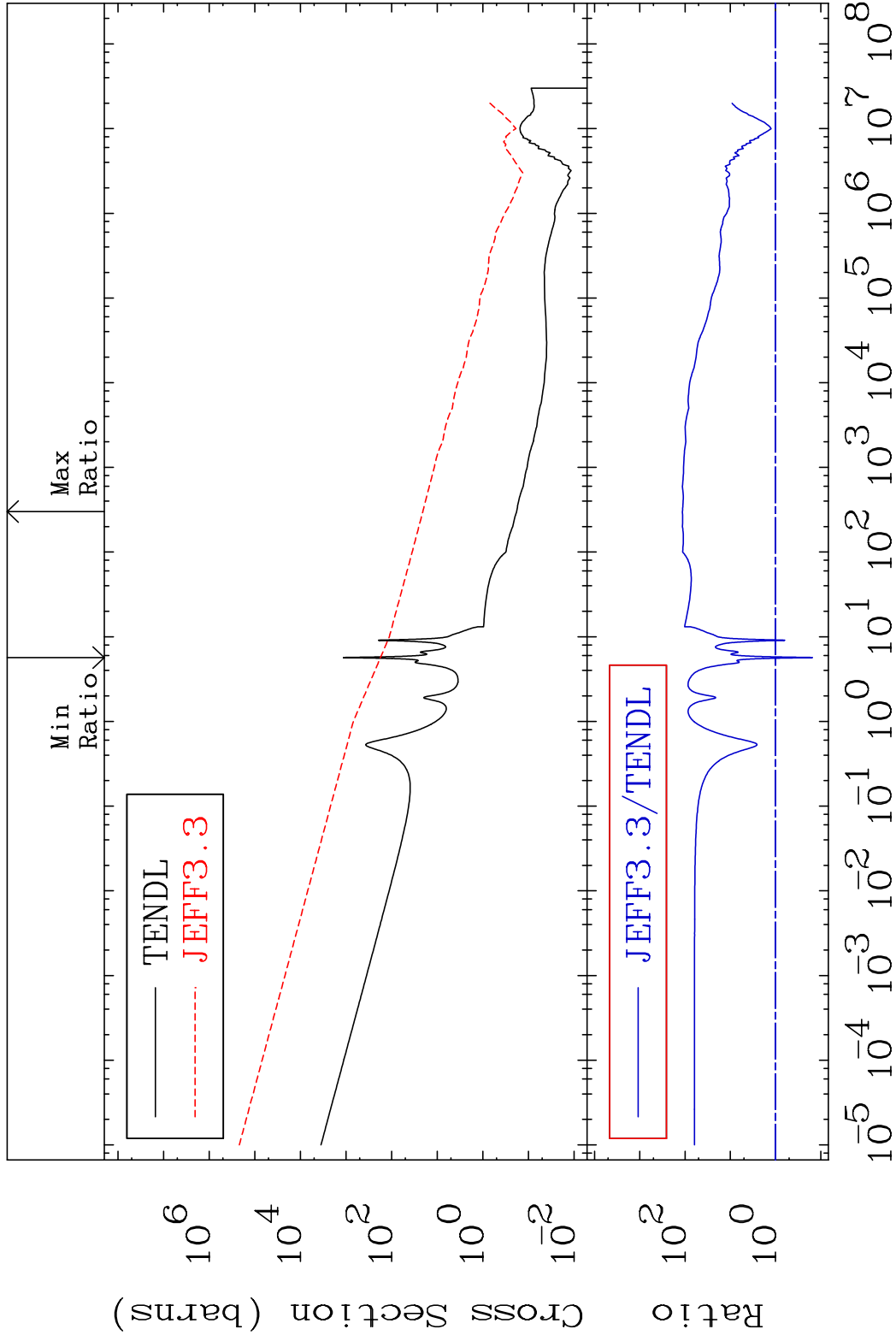


MAT 9431 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-237  
 Cross Section -55.14 To 918.3 %



MAT 9431

Kerma capture (mt102) 94-Pu-237  
Cross Section -84.81 To 9999. %



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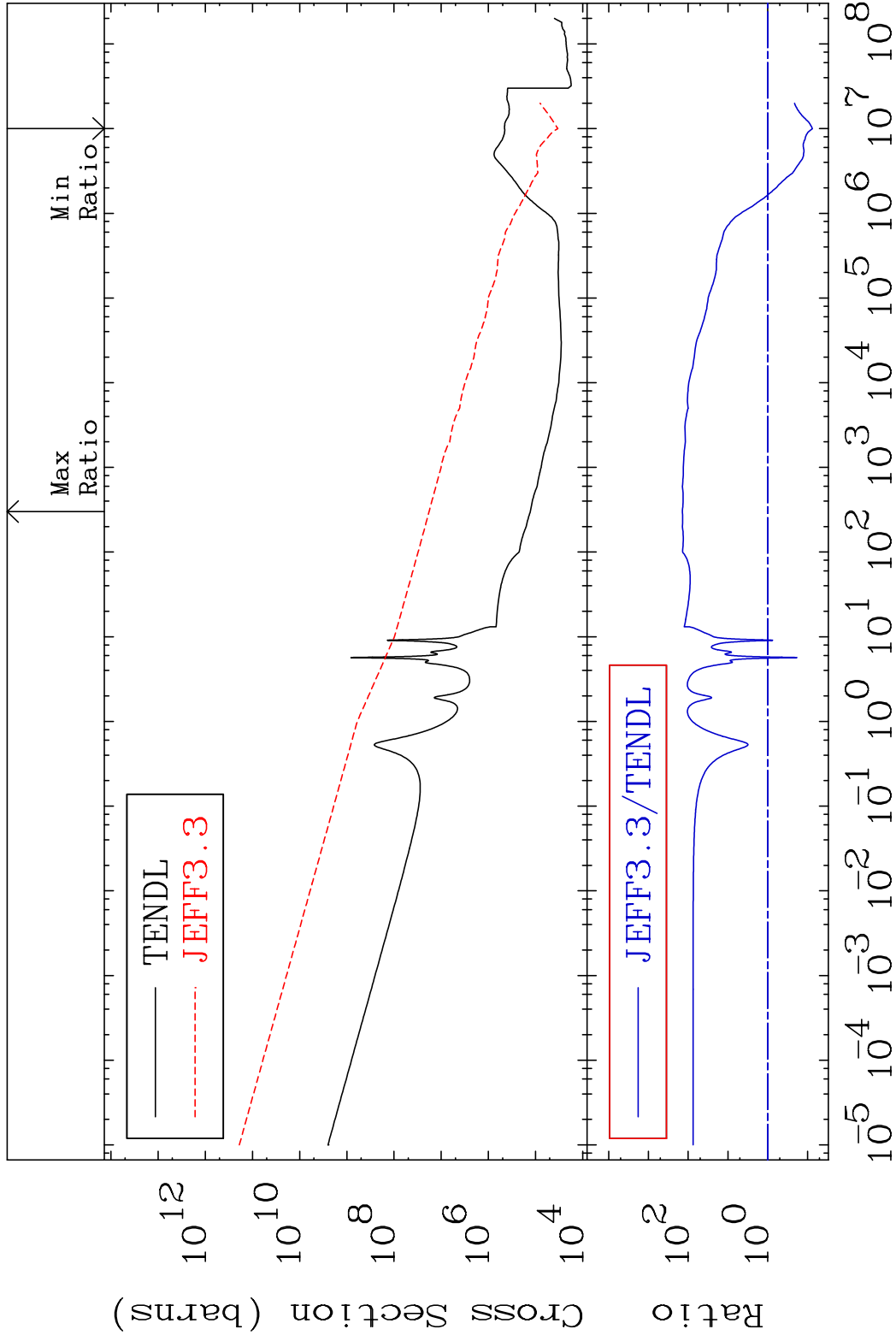
Incident Energy (eV) 94-Pu-237

MAT 9431

Total photon (eV-barns)

94-Pu-237

Cross Section -92.53 To 9999. %

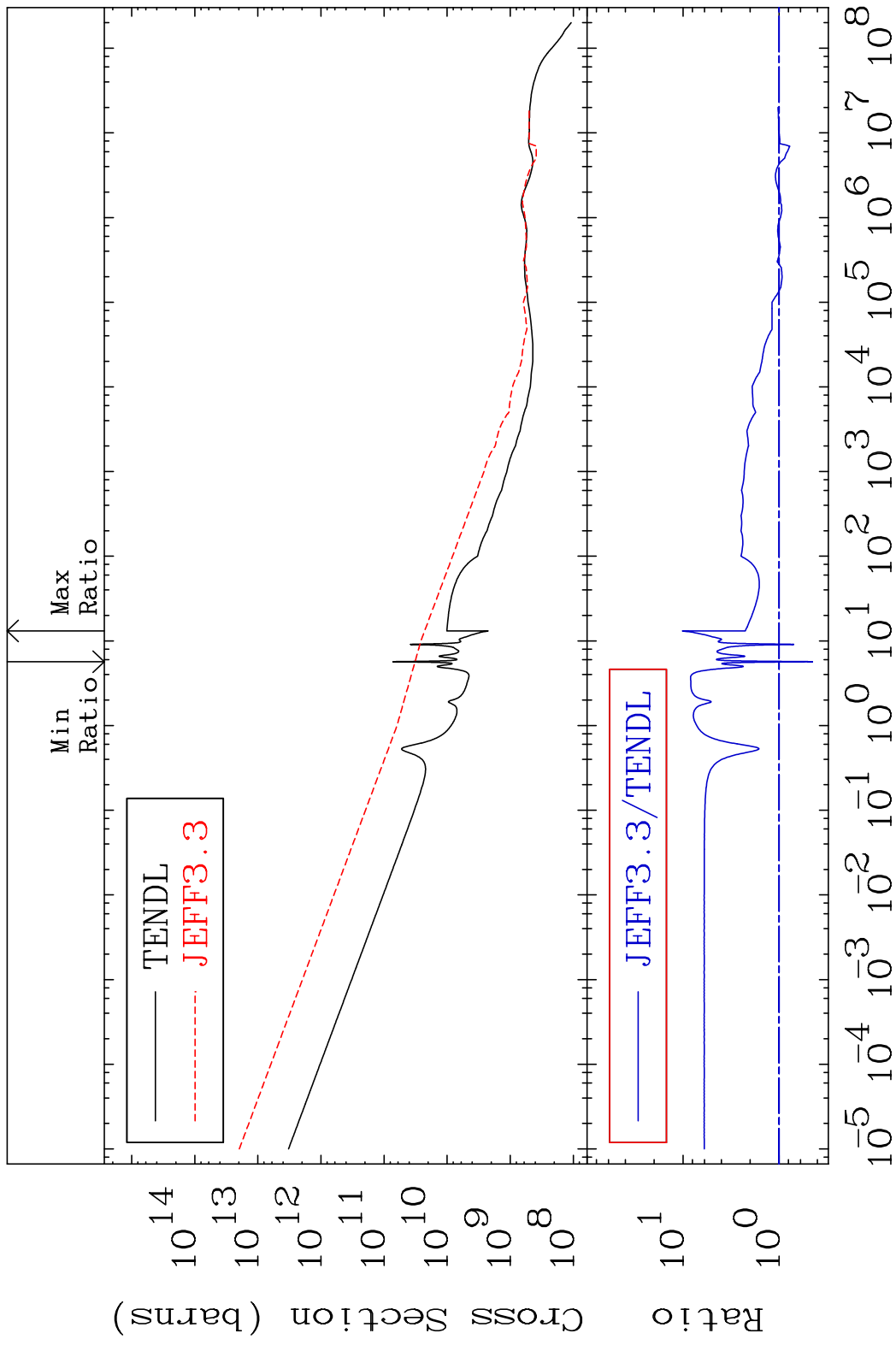


27

Incident Energy (eV)

94-Pu-237

MAT 9431 Total kinematic kerma (high limit) 94-Pu-237  
 Cross Section -55.14 To 918.3 %

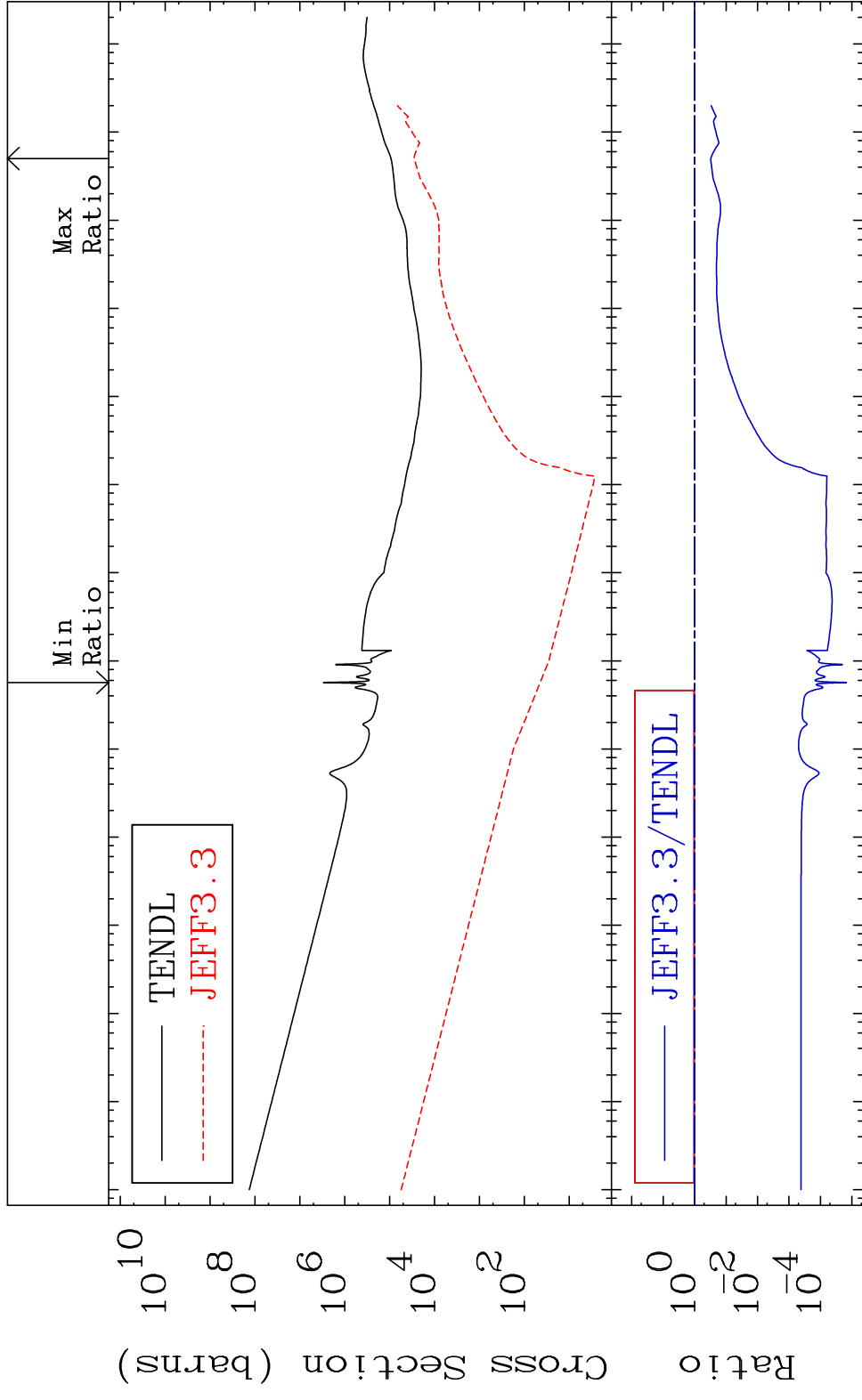


MAT 9431

Dpa total (eV-barns)

94-Pu-237

Cross Section -100.0 To -69.20%



29

Incident Energy (eV)

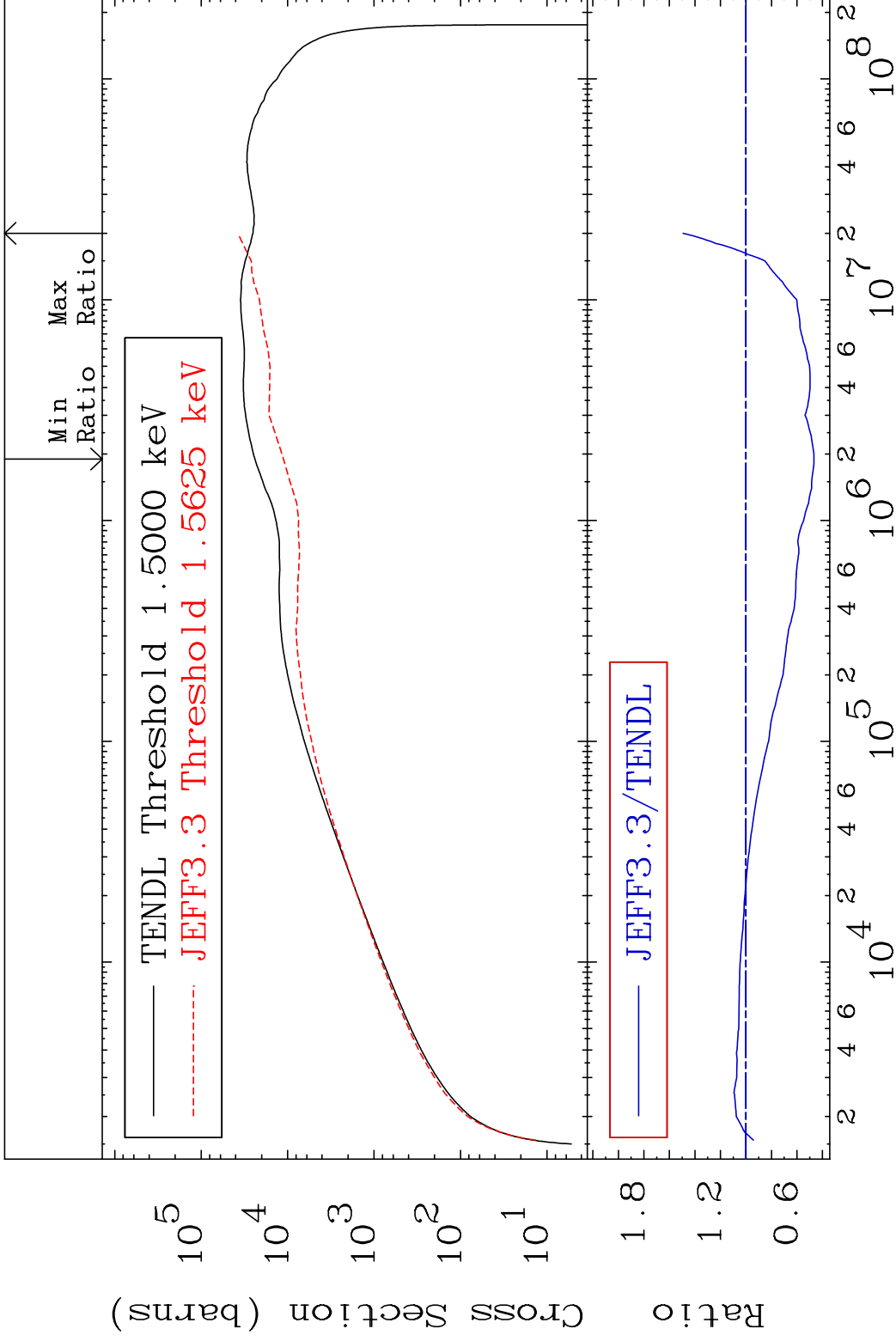
94-Pu-237

MAT 9431

Dpa elastic (mt2)

94-Pu-237

Cross Section -53.24 To 49.32 %

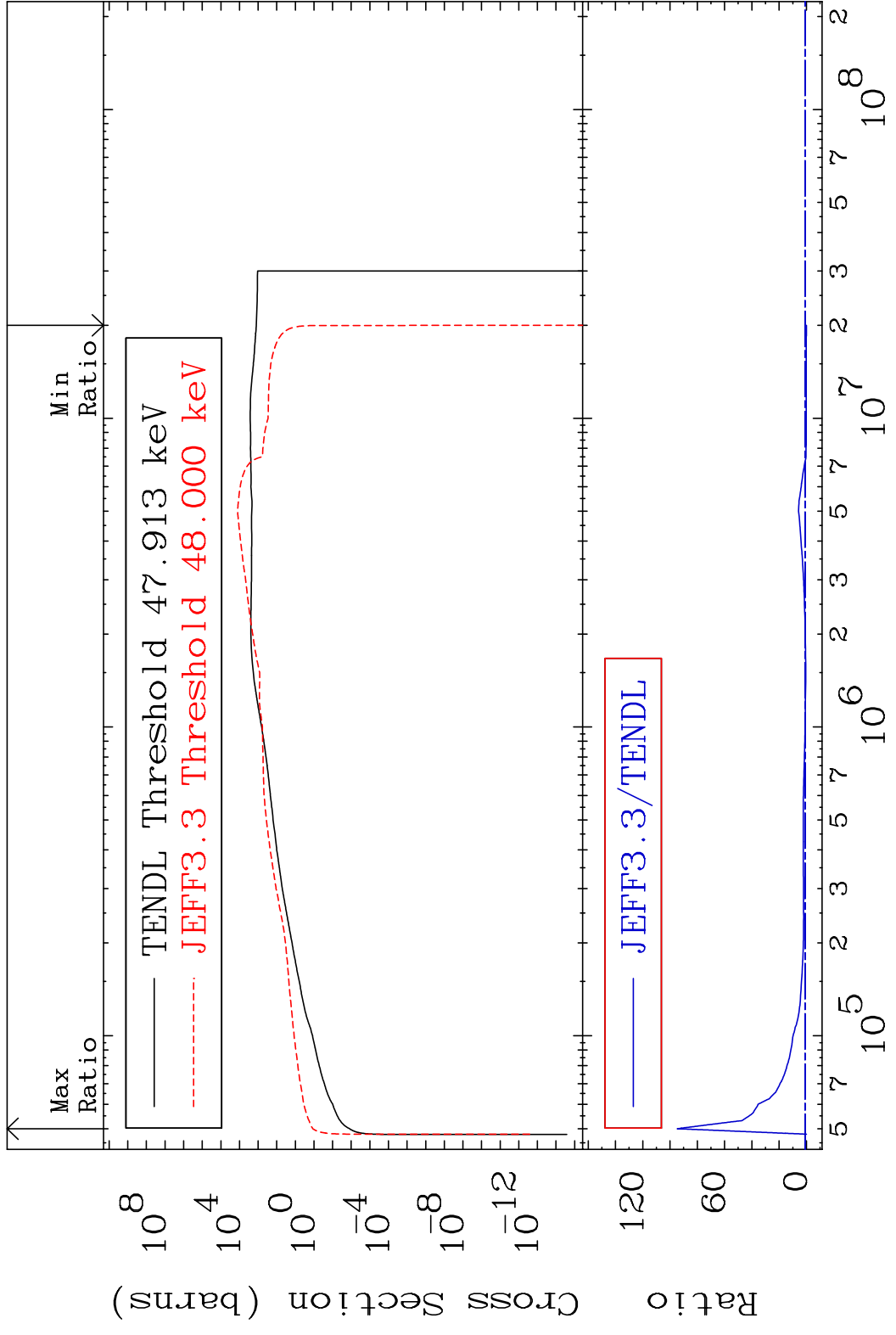


30

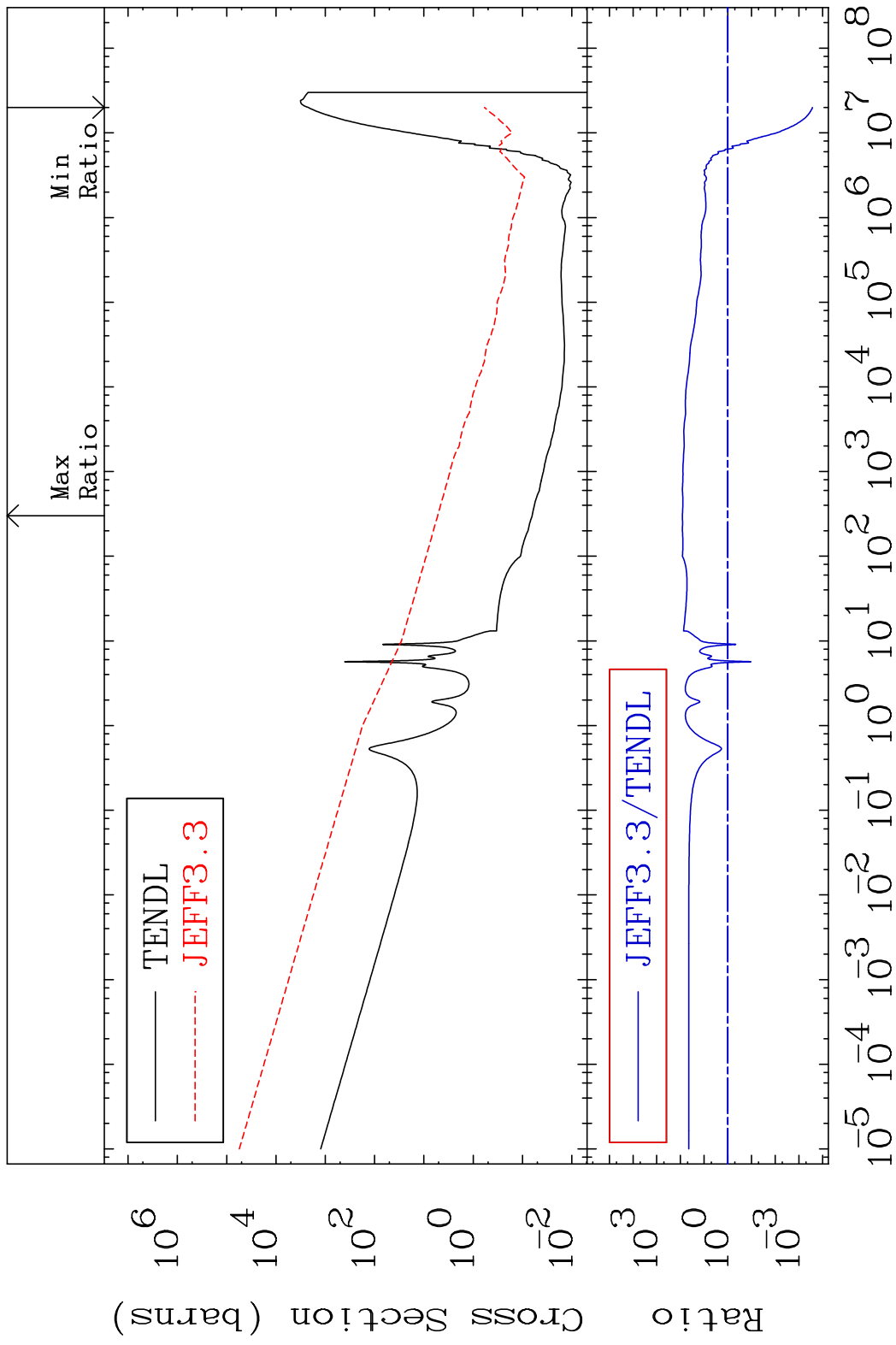
Incident Energy (eV)

94-Pu-237

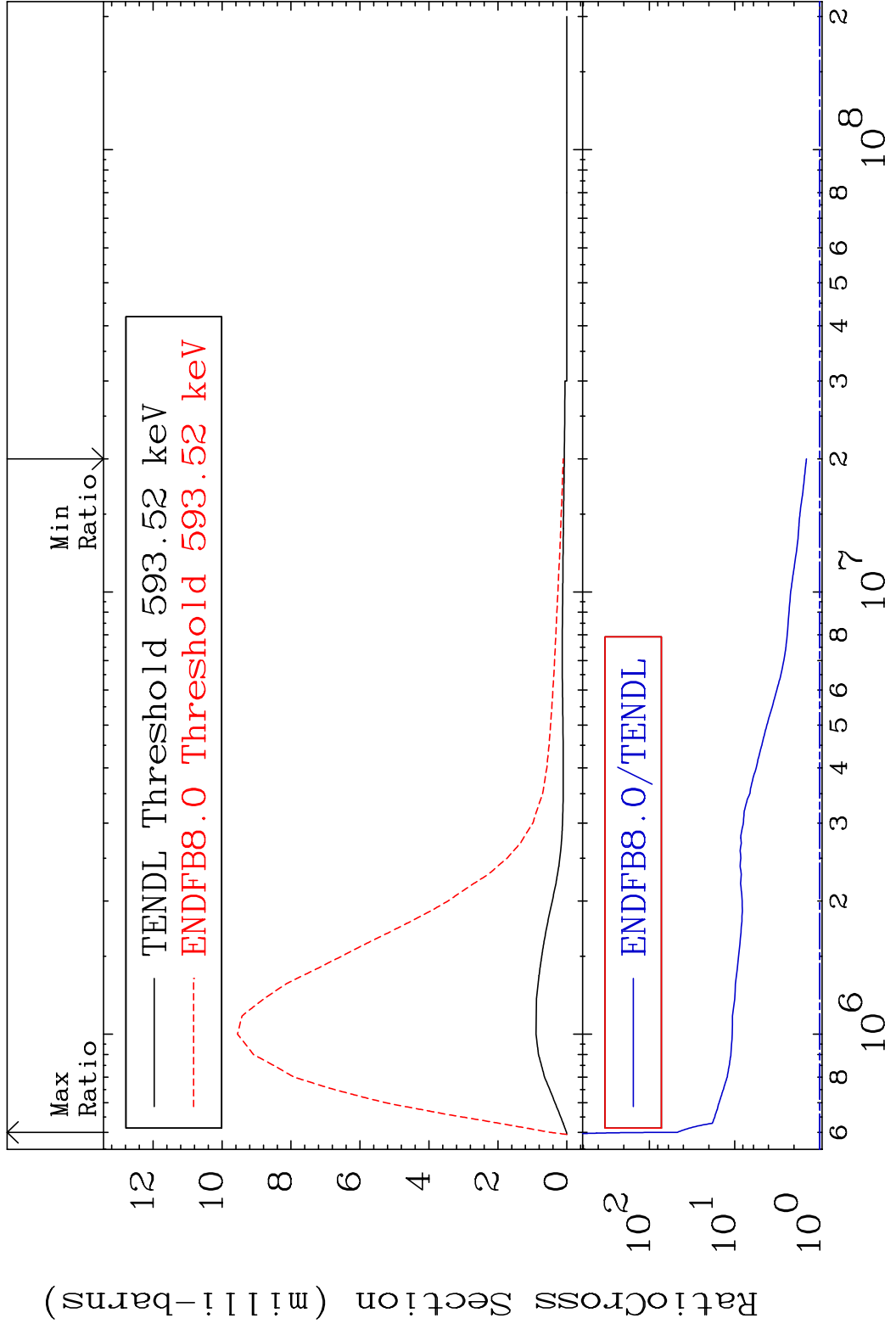
MAT 9431      Dpa inelastic (mt51-91)      94-Pu-237  
 Cross Section      -100.0 To 9374. %



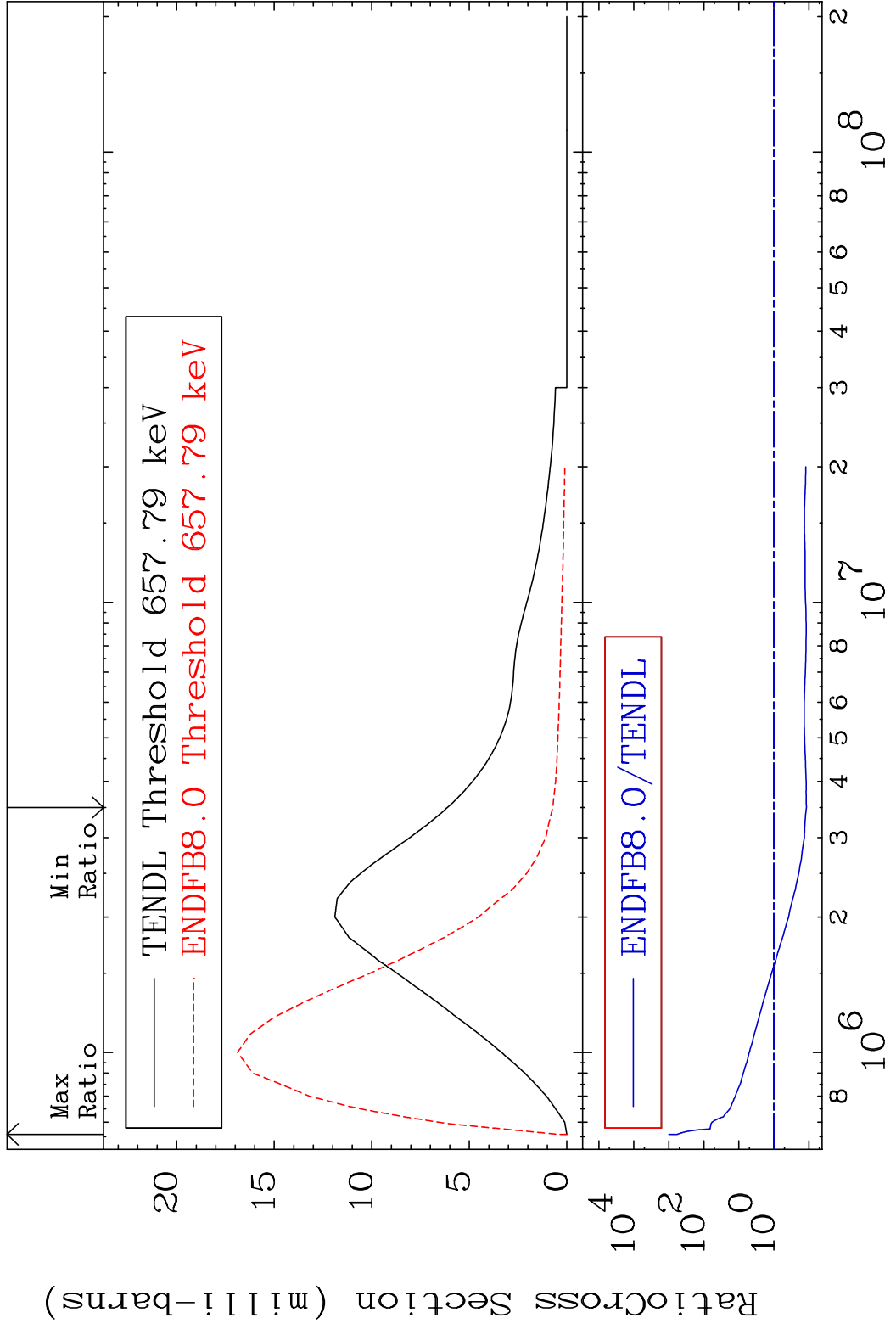
MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237  
 Cross Section -99.97 To 8187. %



MAT 9431 MT= 73 (n, n') Level 94-Pu-237  
 Cross Section 43.42 To 4625. %



MAT 9431 MT= 74 (n,n') Level 94-Pu-237  
 Cross Section -88.21 To 9999. %



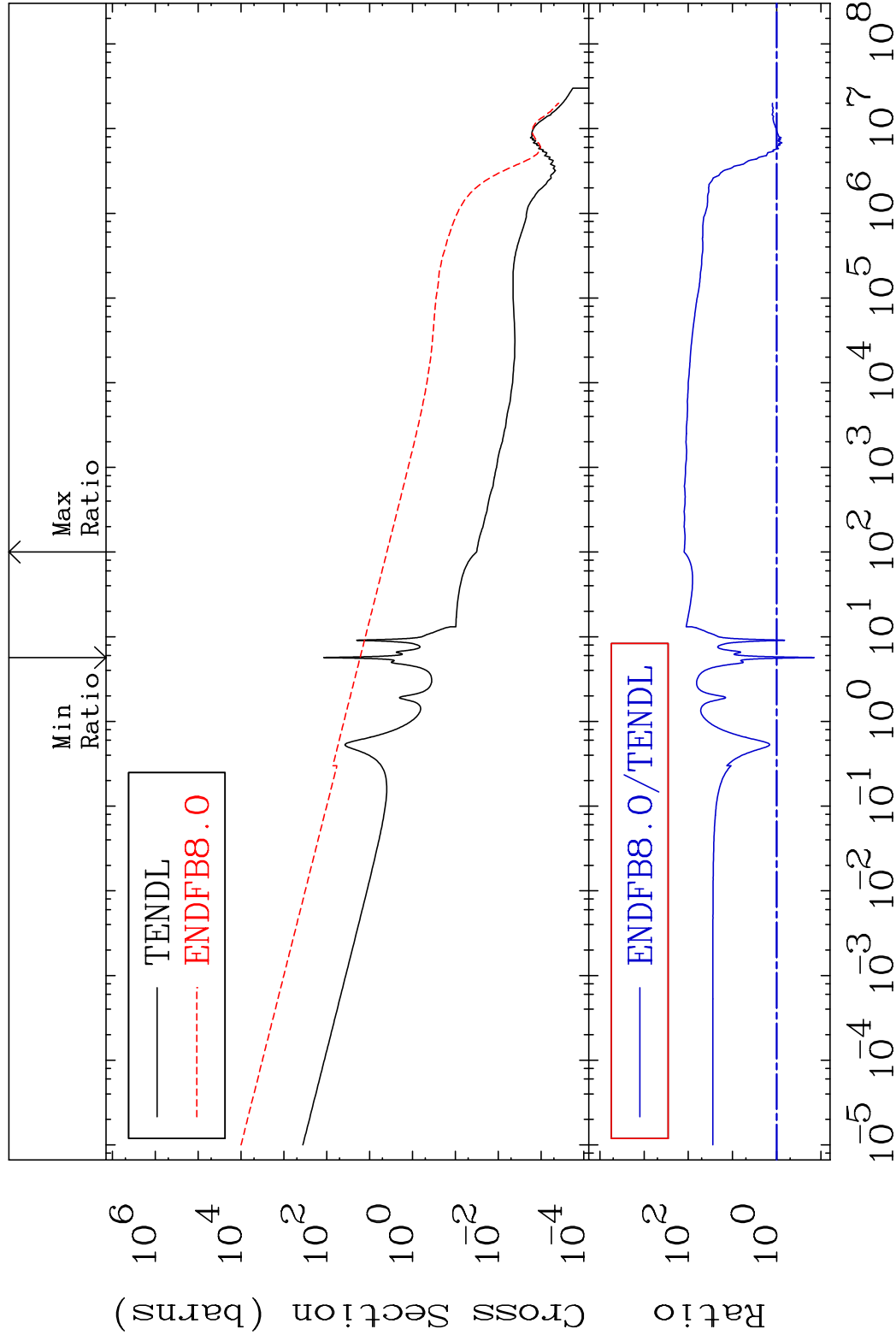


MAT 9431

(n,  $\gamma$ )

94-Pu-237

Cross Section -85.83 To 9999. %



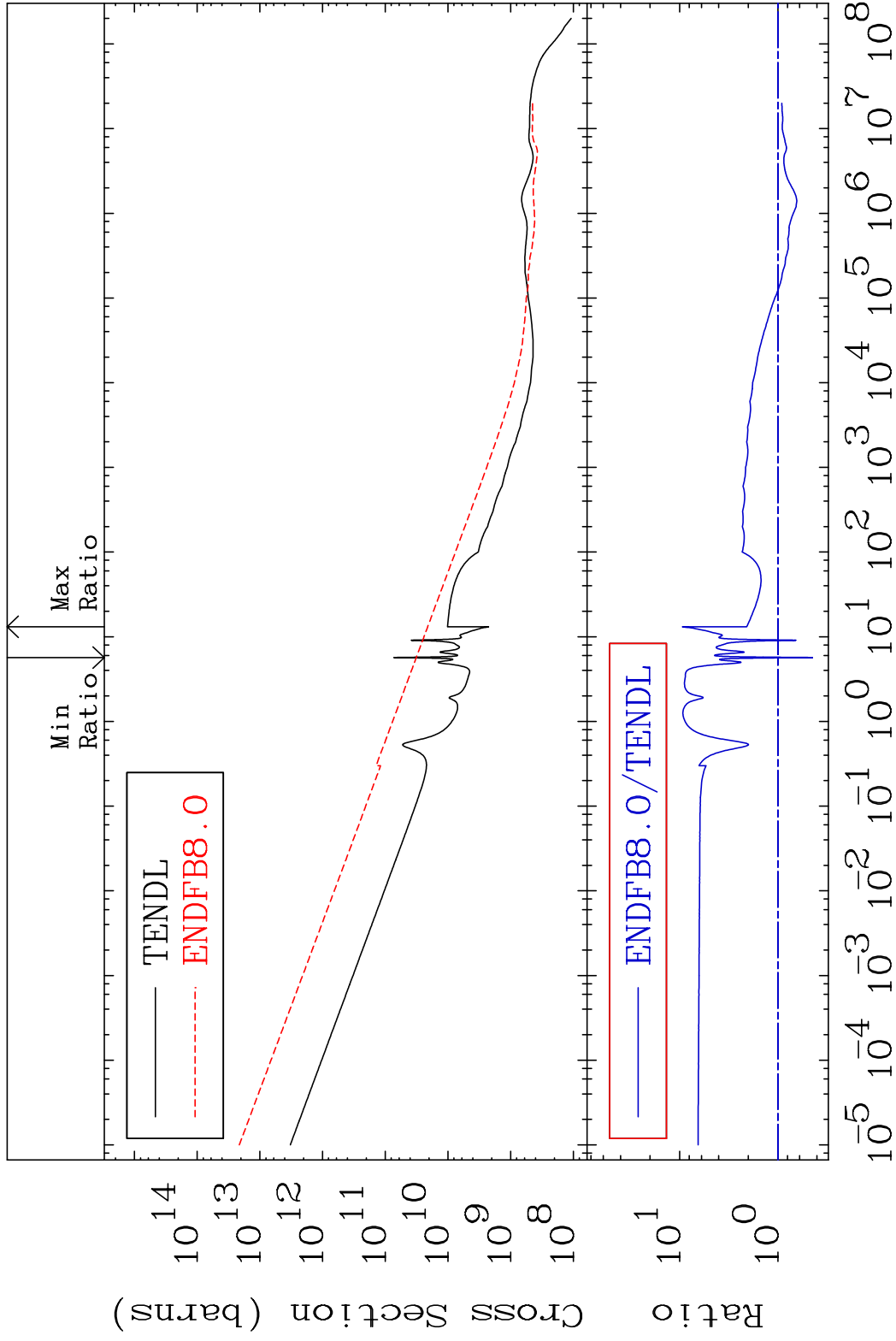
36

Incident Energy (eV)

94-Pu-237

MAT 9431

Kerma total (eV-barns) 94-Pu-237  
Cross Section -55.62 To 839.1 %



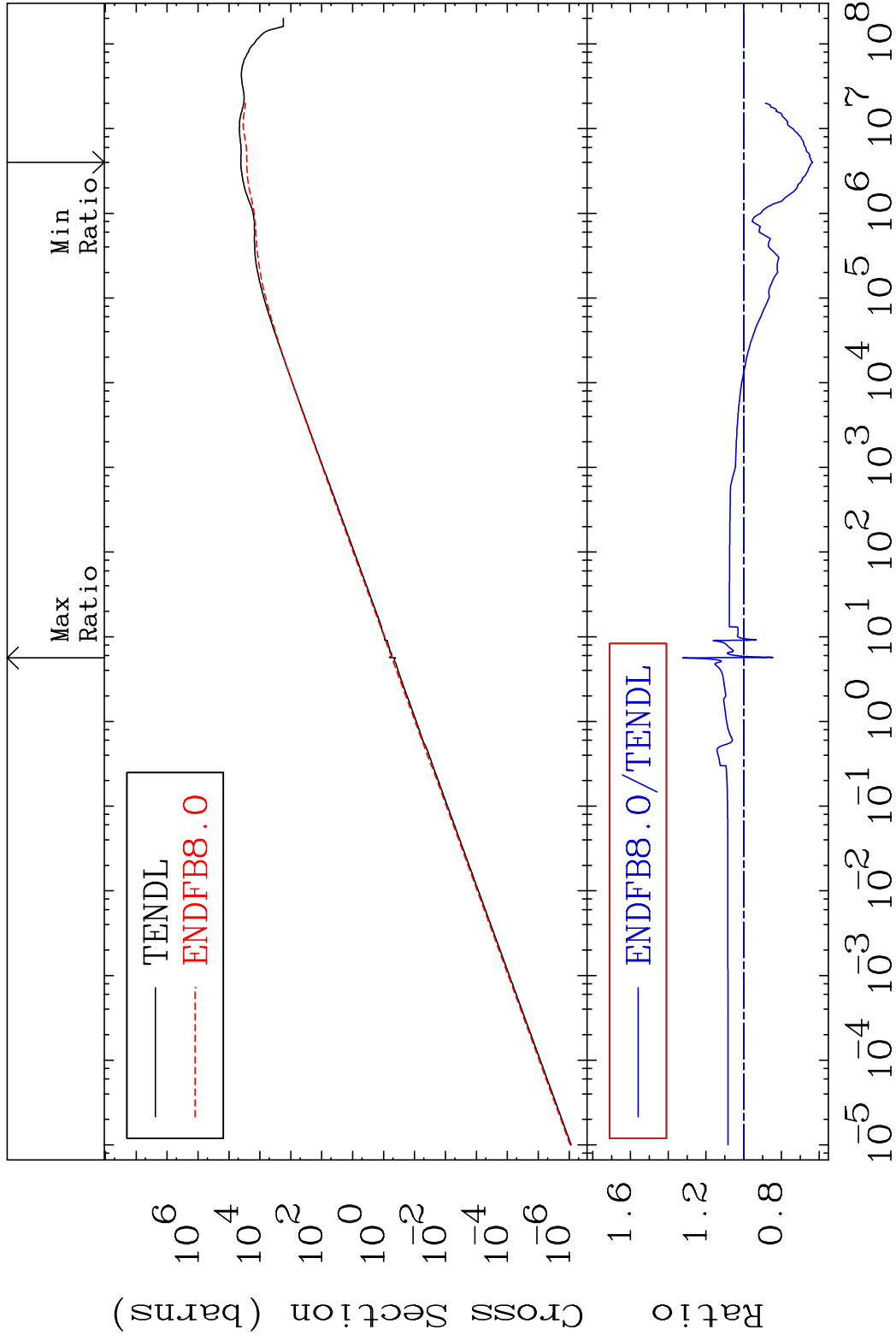
37

Incident Energy (eV) 94-Pu-237

MAT 9431

Kerma elastic  
Cross Section -36.51 To 32.51 %

94-Pu-237

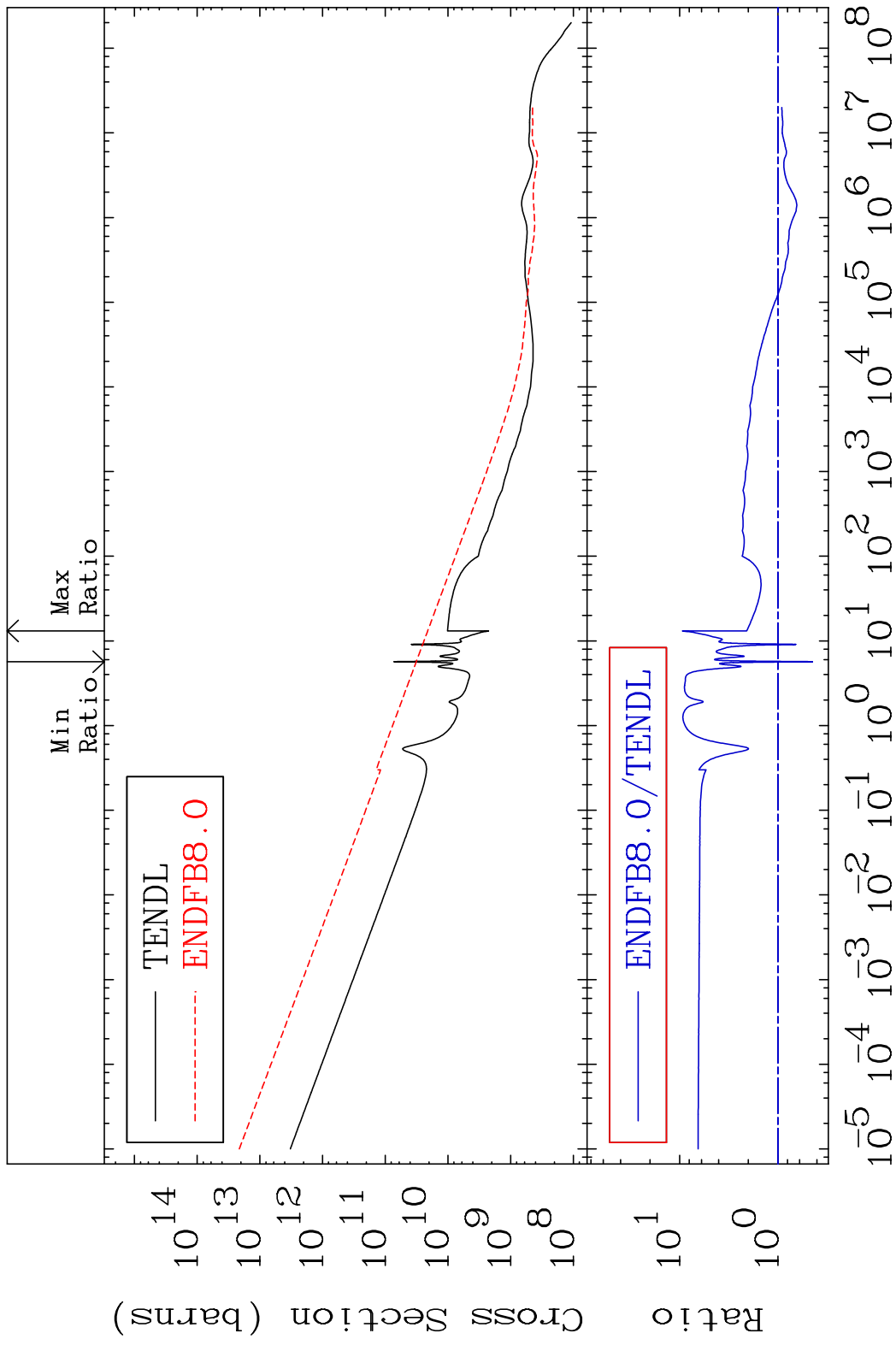


38

Incident Energy (eV)

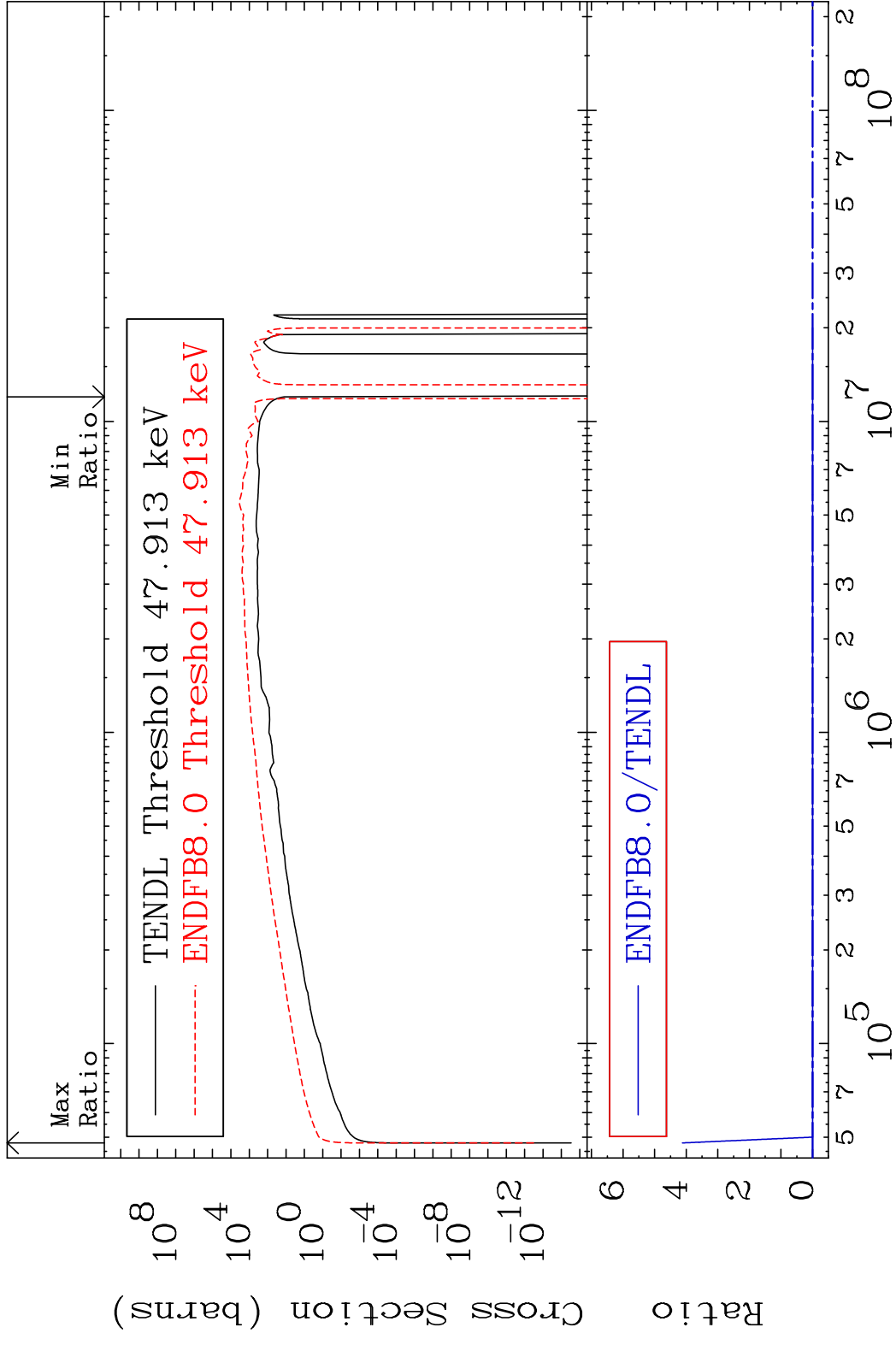
94-Pu-237

MAT 9431 Kerma non-elastic (all but mt2) 94-Pu-237  
 Cross Section -55.62 To 839.1 %



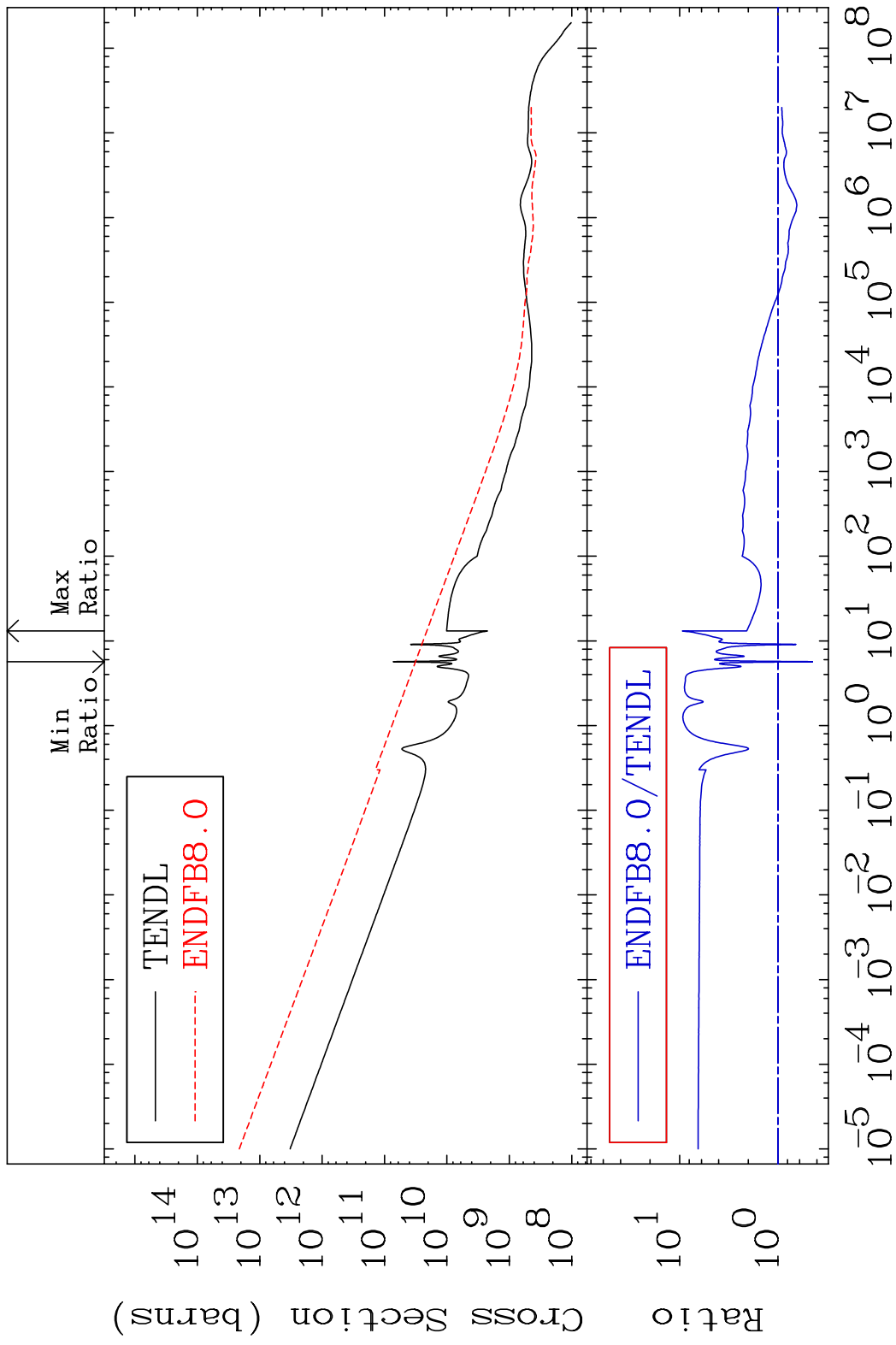
39 94-Pu-237

MAT 9431 Kerma inelastic (mt51-91) 94-Pu-237  
 Cross Section -2098. To 9999. %



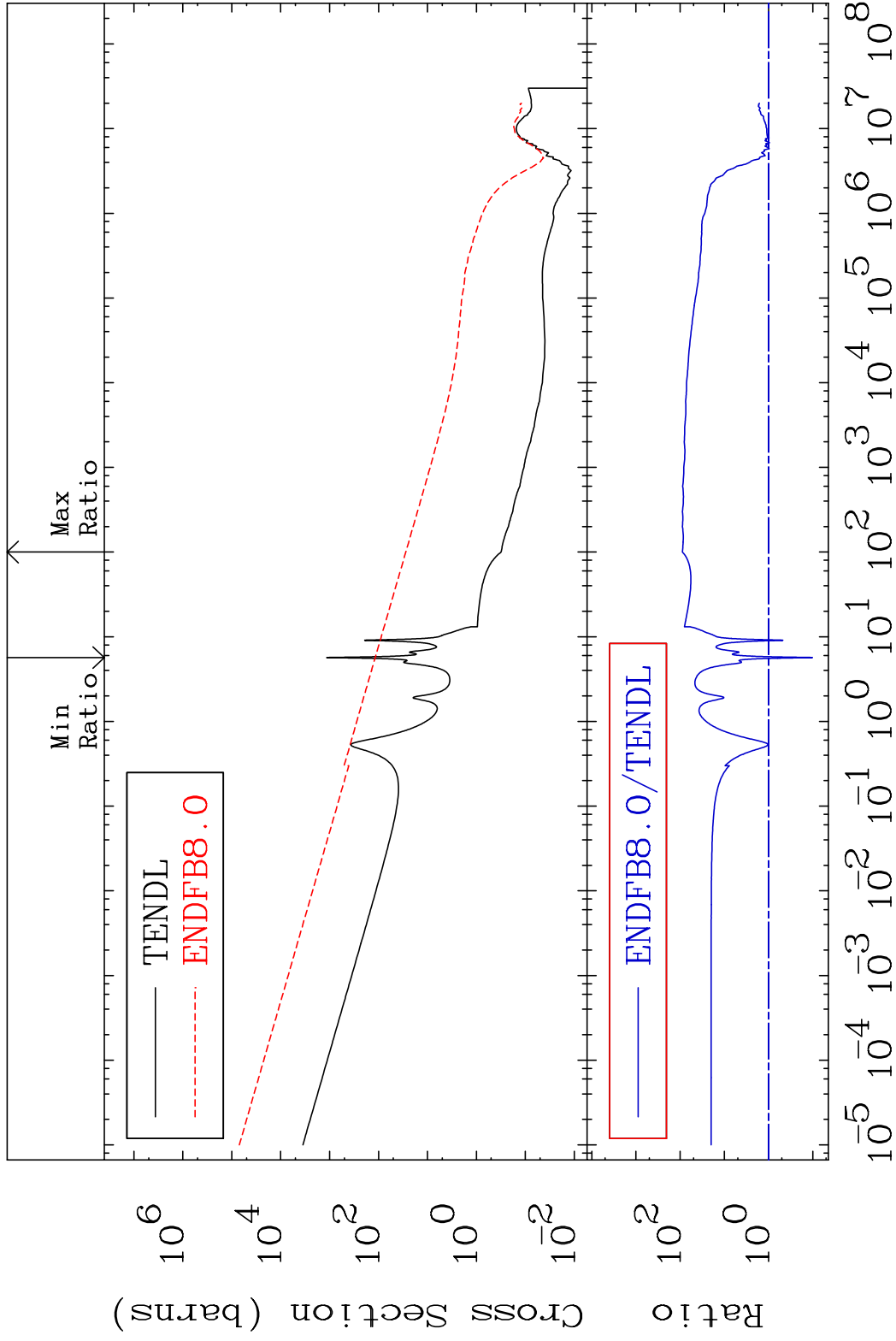
40 Incident Energy (eV) 94-Pu-237

MAT 9431 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-237  
 Cross Section -55.62 To 839.1 %

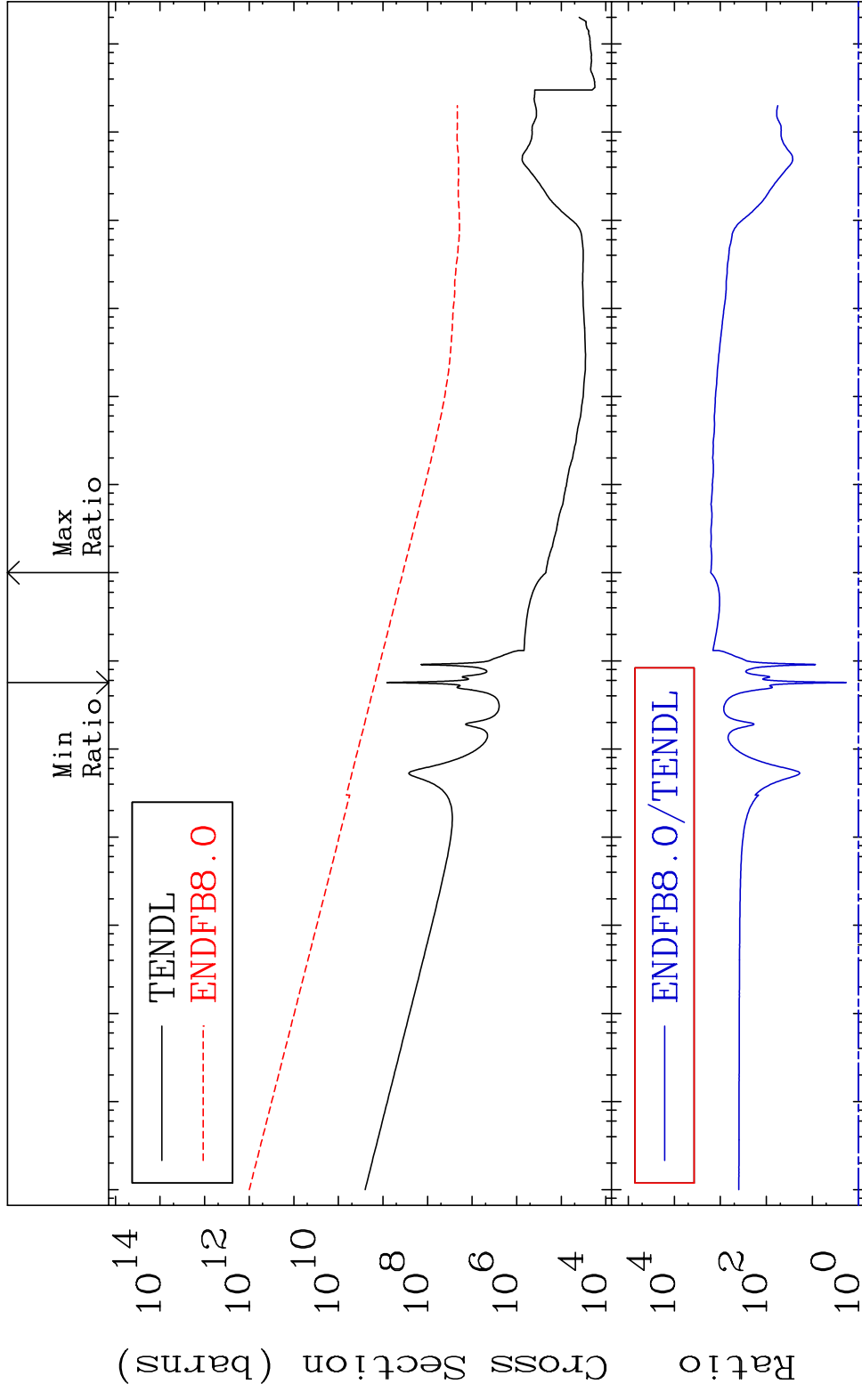


MAT 9431

Kerma capture (mt102) 94-Pu-237  
Cross Section -89.86 To 8828. %

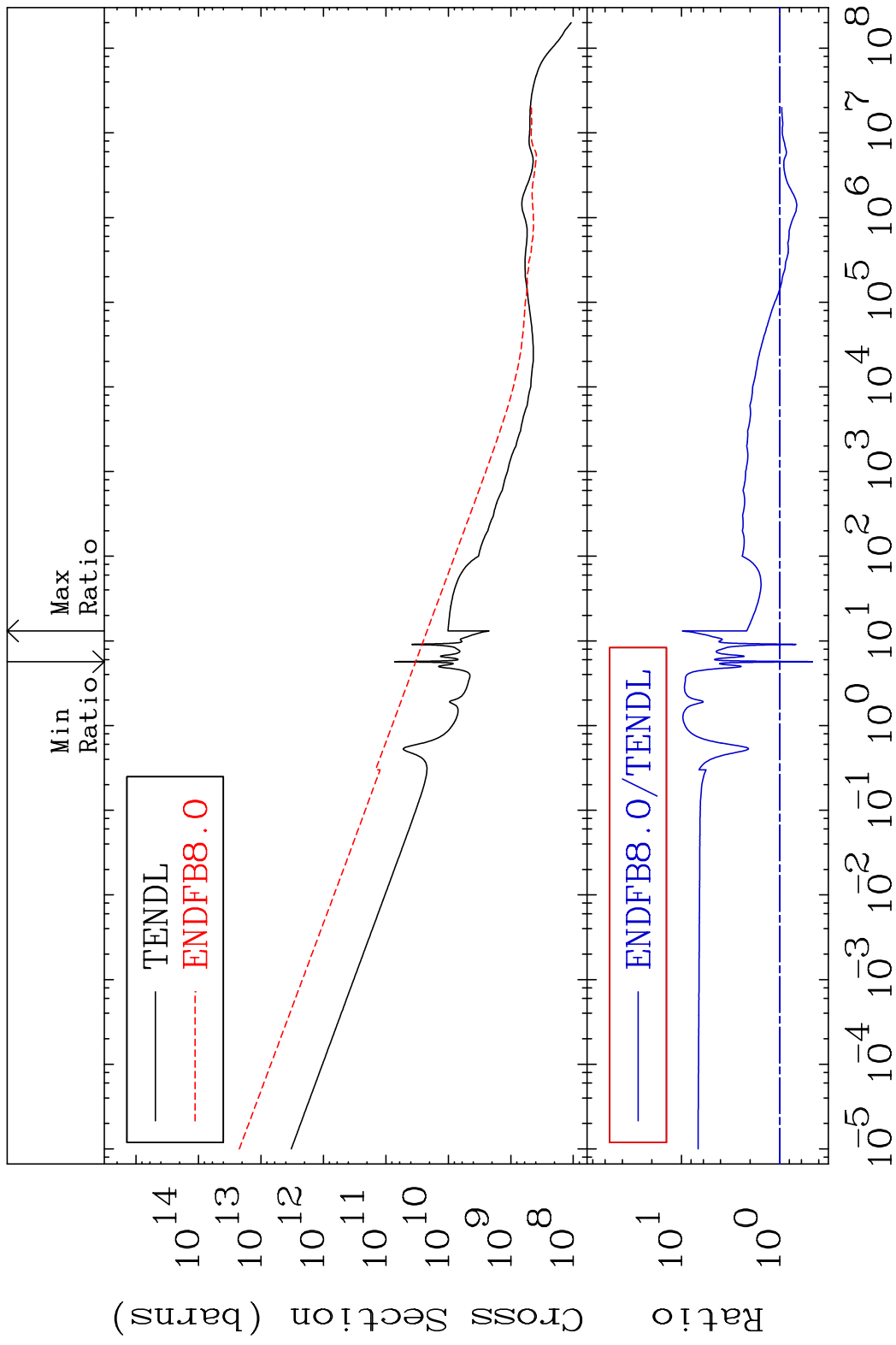


MAT 9431 Total photon (eV-barns) 94-Pu-237  
 Cross Section 83.74 To 9999. %



43 Incident Energy (eV) 94-Pu-237

MAT 9431 Total kinematic kerma (high limit) 94-Pu-237  
 Cross Section -53.68 To 880.2 %

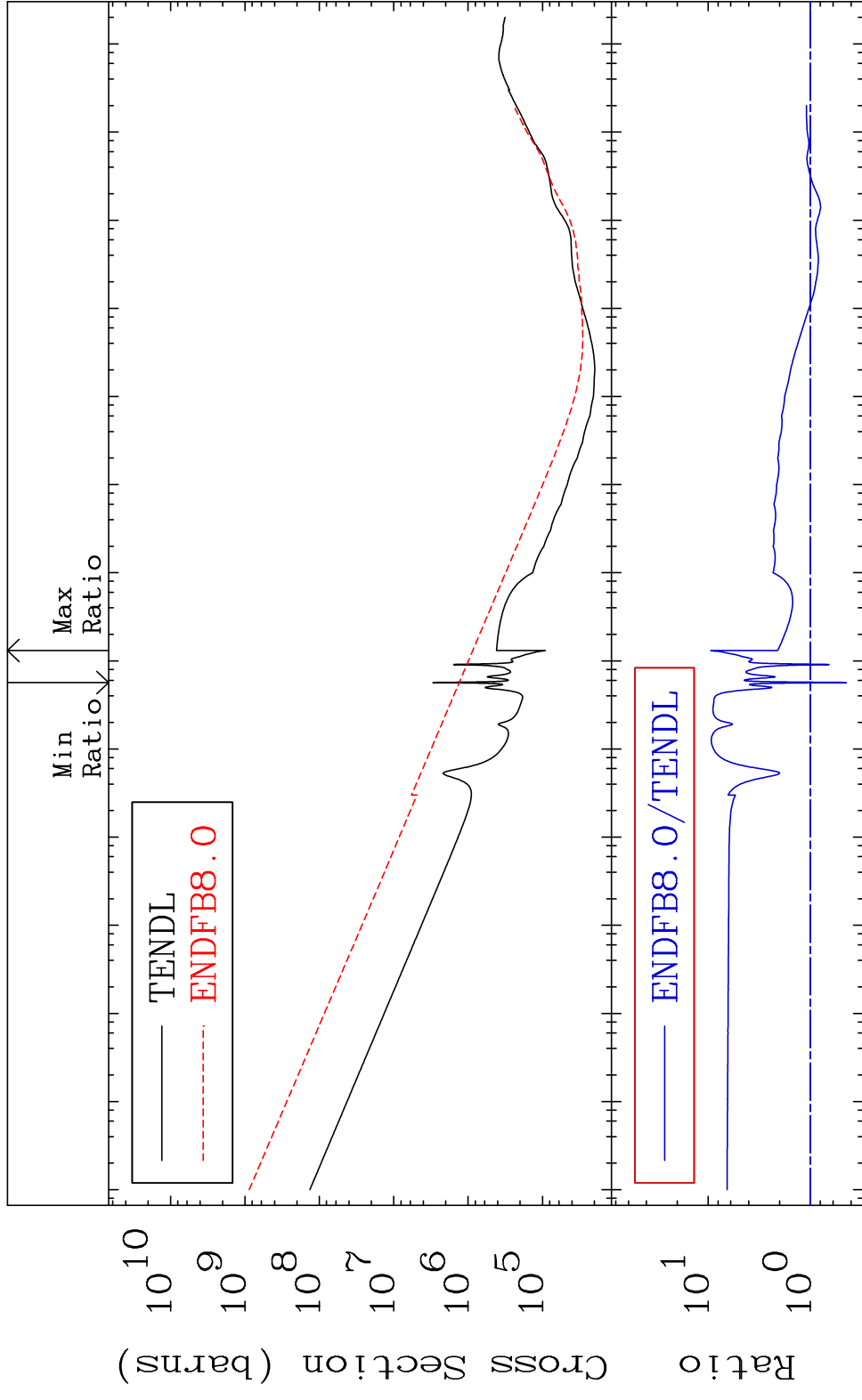


MAT 9431

Dpa total (eV-barns)

94-Pu-237

Cross Section -55.46 To 842.6 %

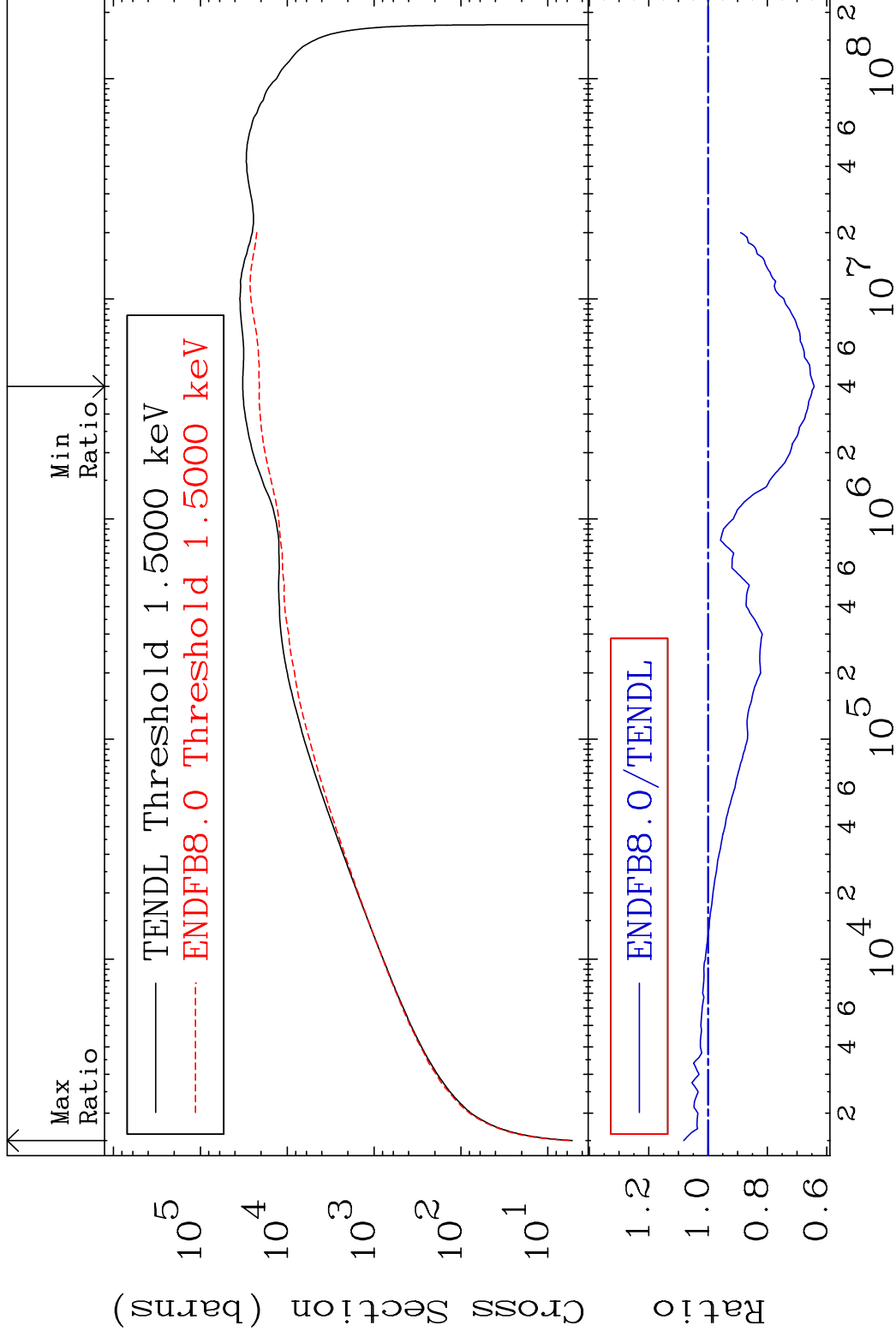


MAT 9431

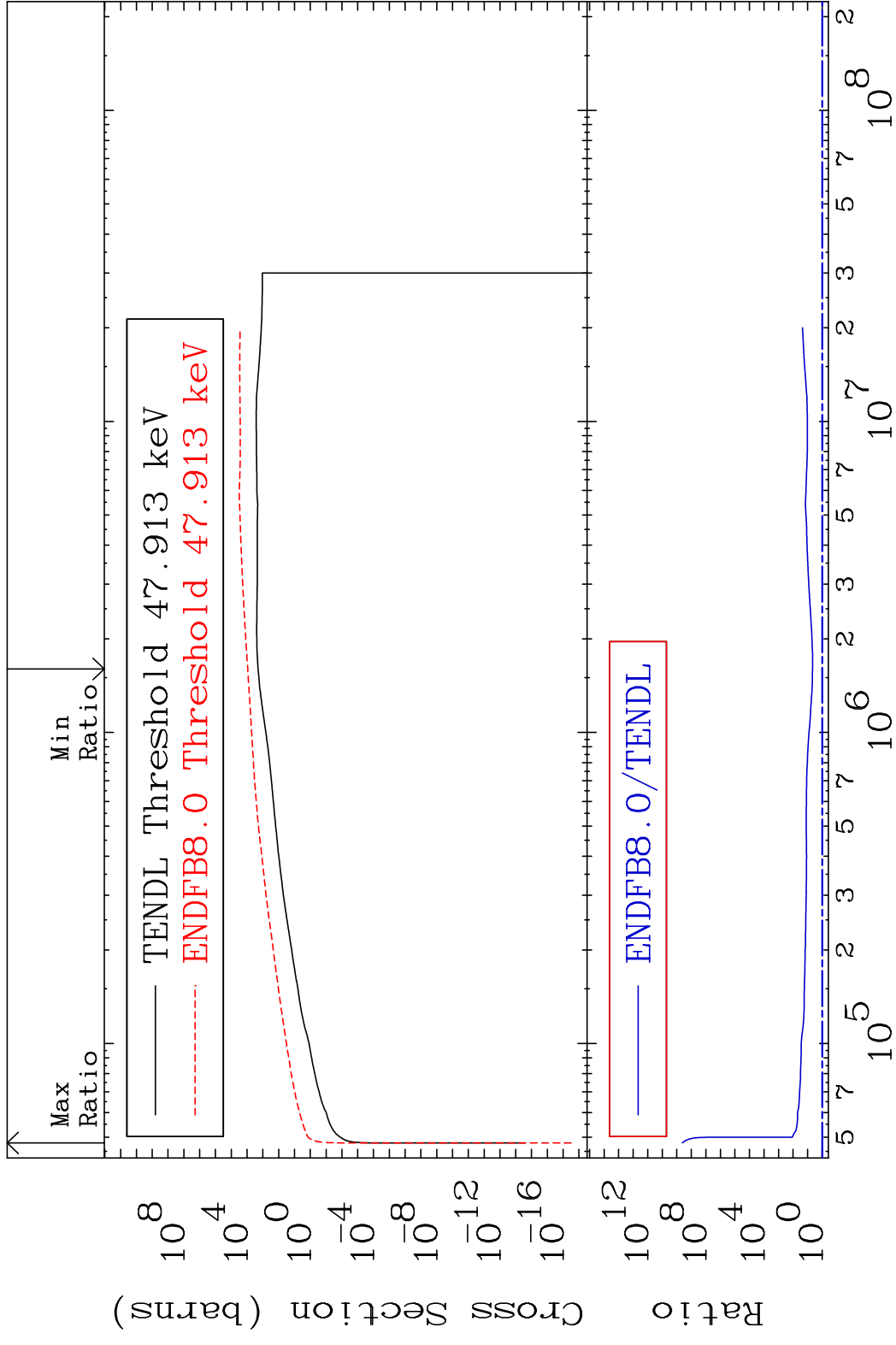
Dpa elastic (mt2)

94-Pu-237

Cross Section -35.76 To 8.225 %



MAT 9431      Dpa inelastic (mt51-91)      94-Pu-237  
 Cross Section      354.7      To 9999. %



MAT 9431 Dpa disappearance (mt102 -120) 94-Pu-237  
 Cross Section -100.0 To 5776. %

