

Program Complot  
(Version 2021-1)

by

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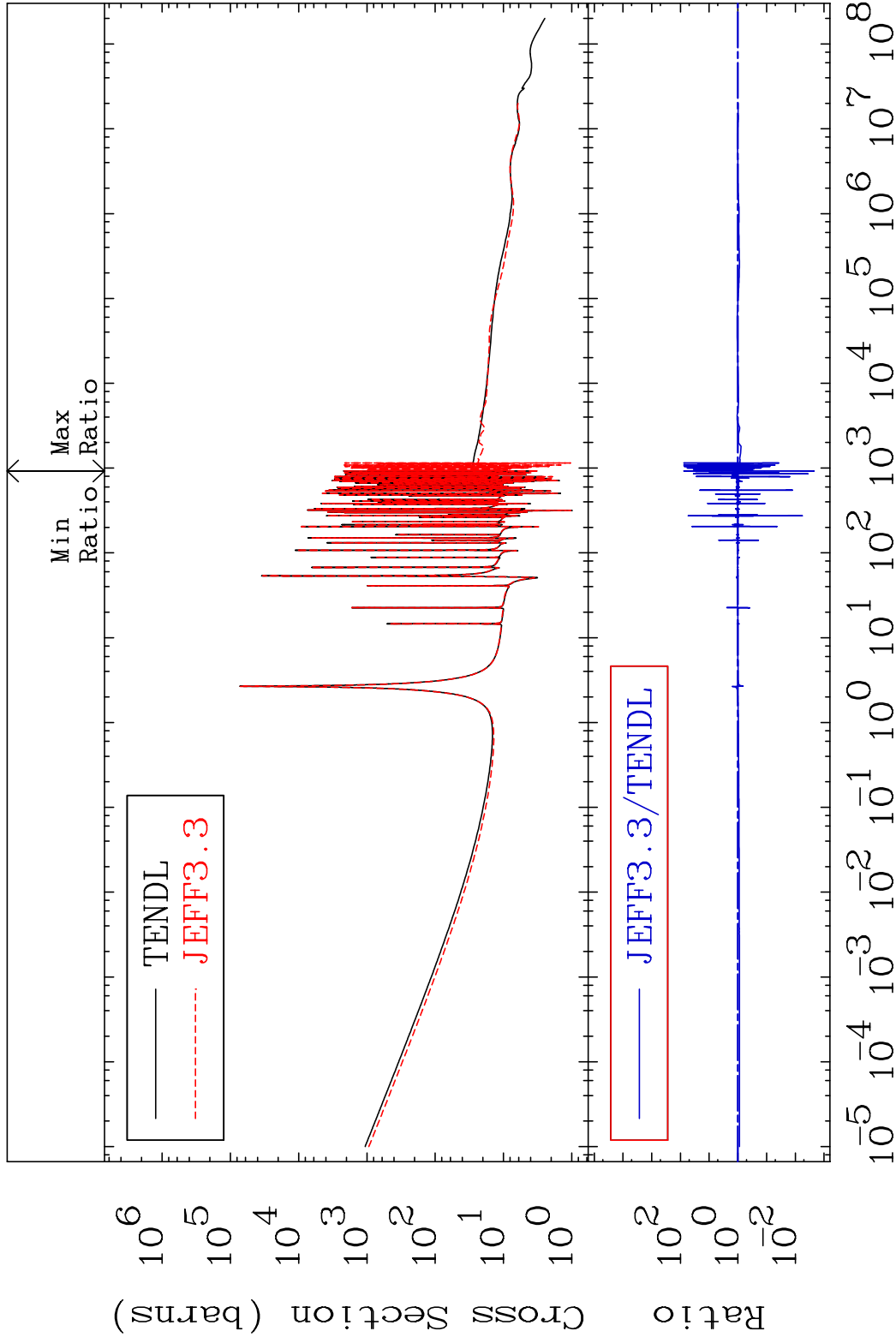
Press Mouse Button to Start

MAT 9446

Total

94-Pu-242

Cross Section -99.78 To 7621. %



1

Incident Energy (eV)

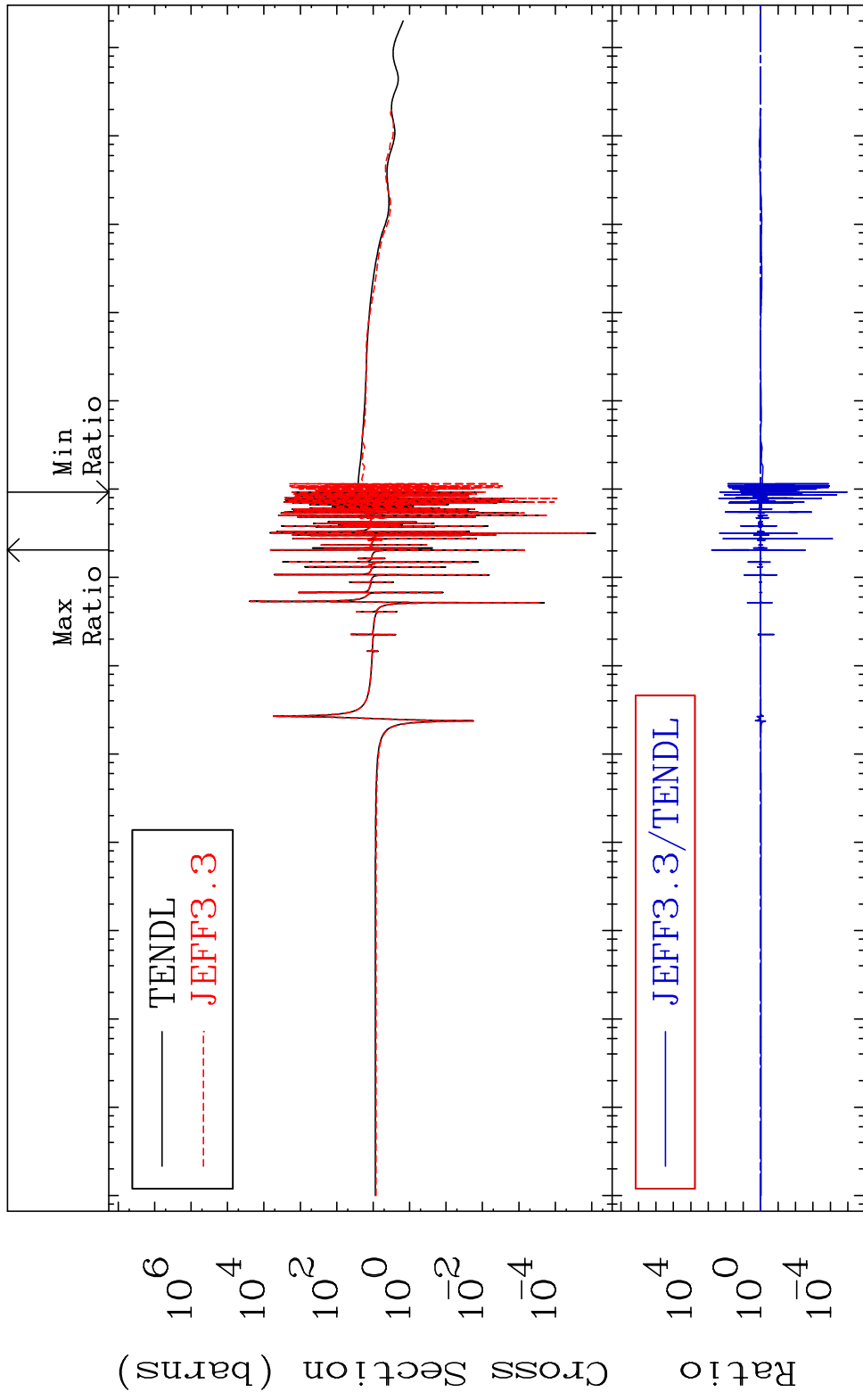
94-Pu-242

MAT 9446

Elastic

94-Pu-242

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

94-Pu-242

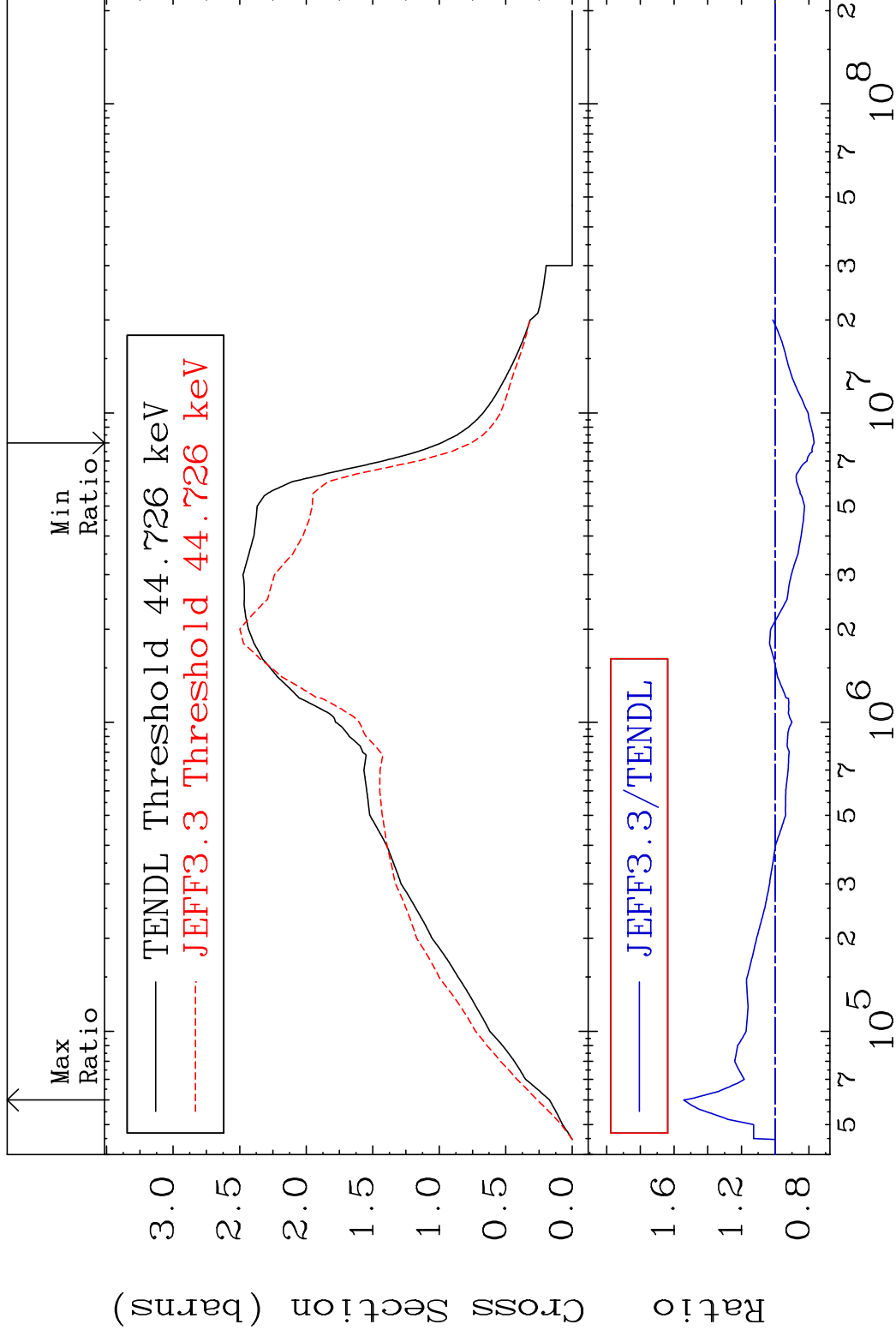
MAT 9446

Inelastic

94-Pu-242

Cross Section

-23.13 To 54.28 %



3

Incident Energy (eV)

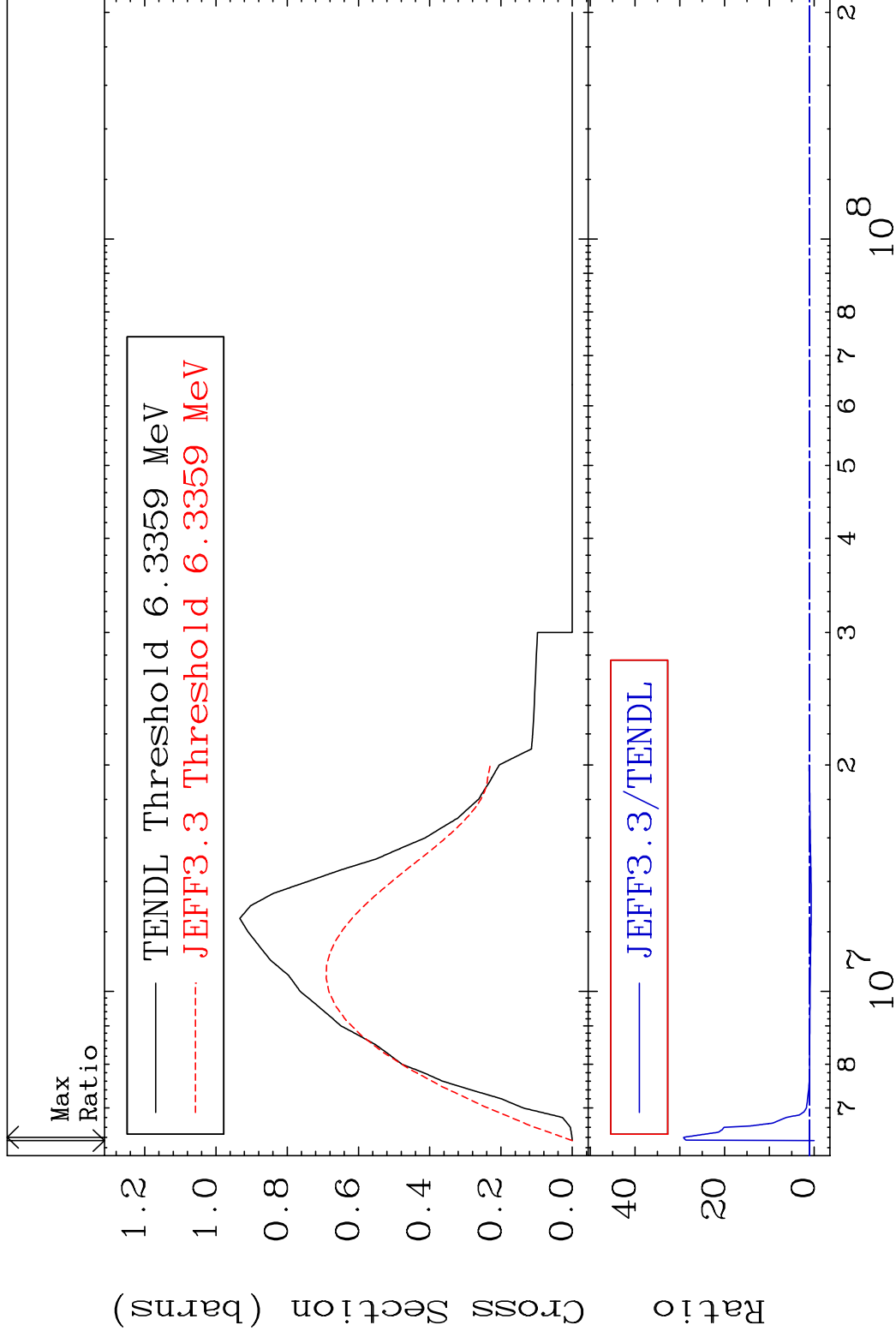
94-Pu-242

MAT 9446

(n,2n)

94-Pu-242

Cross Section -100.0 To 2815. %



4

Incident Energy (eV)

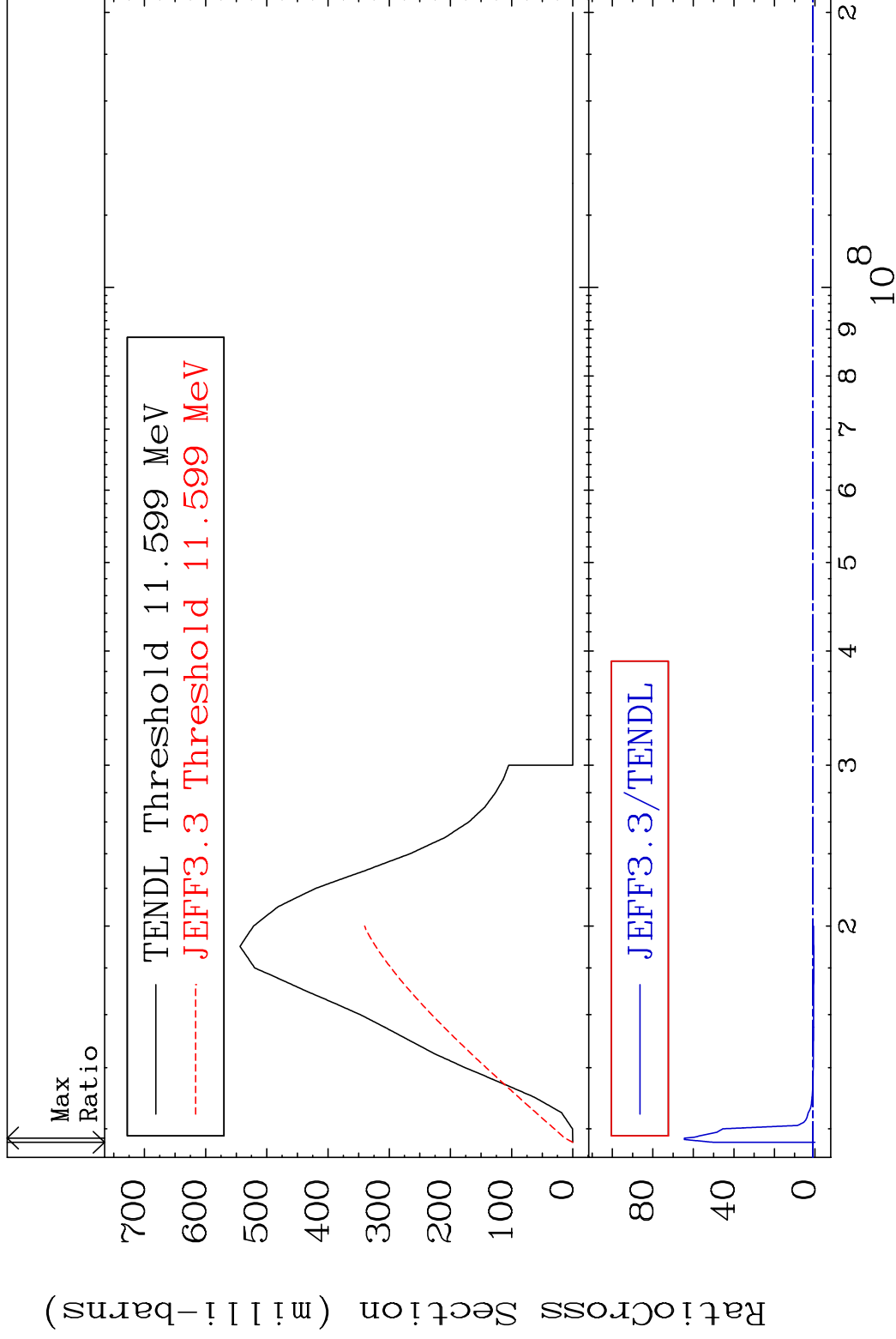
94-Pu-242

MAT 9446

(n,3n)

94-Pu-242

Cross Section -100.0 To 6346. %



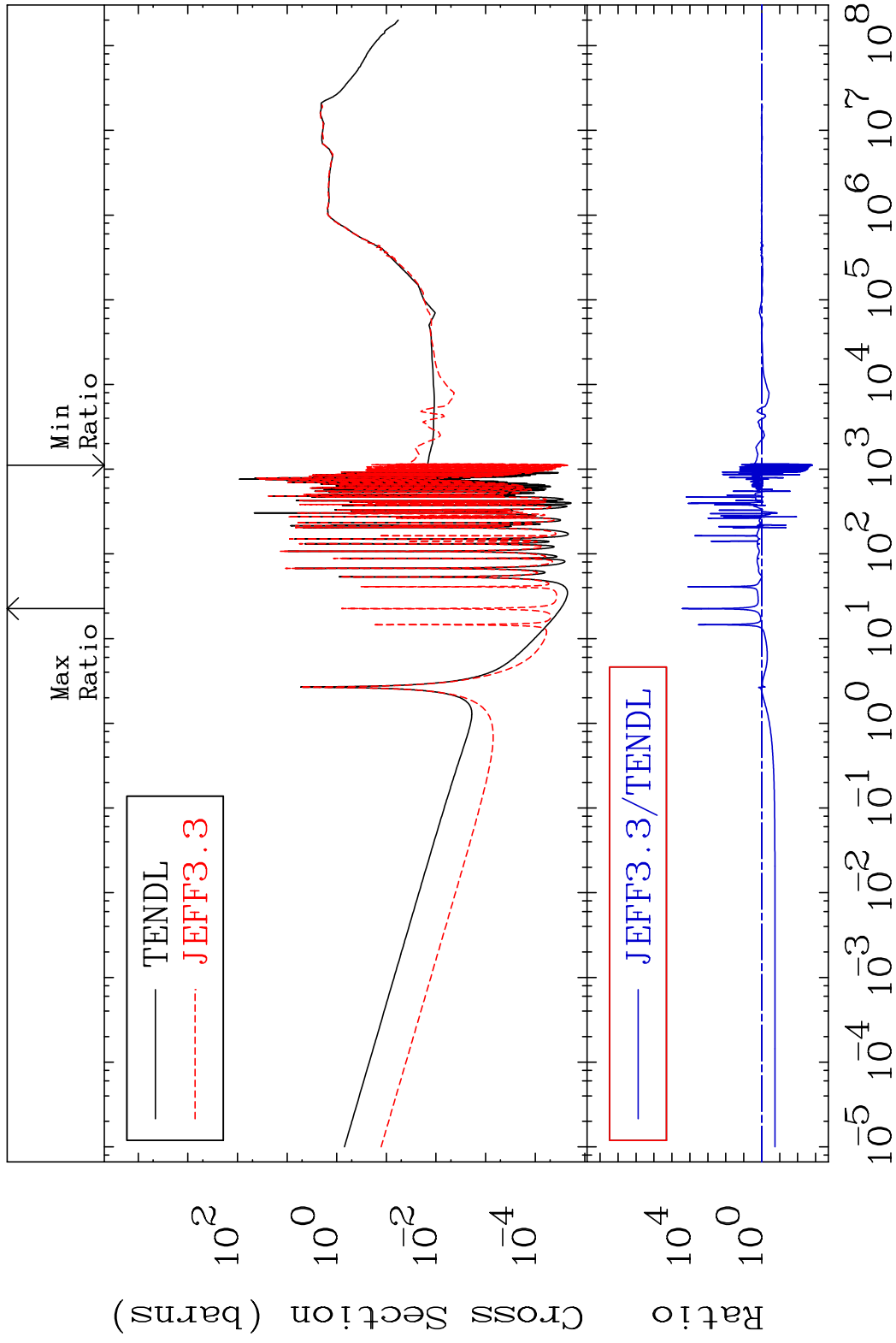
5

Incident Energy (eV)

94-Pu-242

MAT 9446

Fission Cross Section -99.85 To 9999. %  
94-Pu-242



6

Incident Energy (eV)

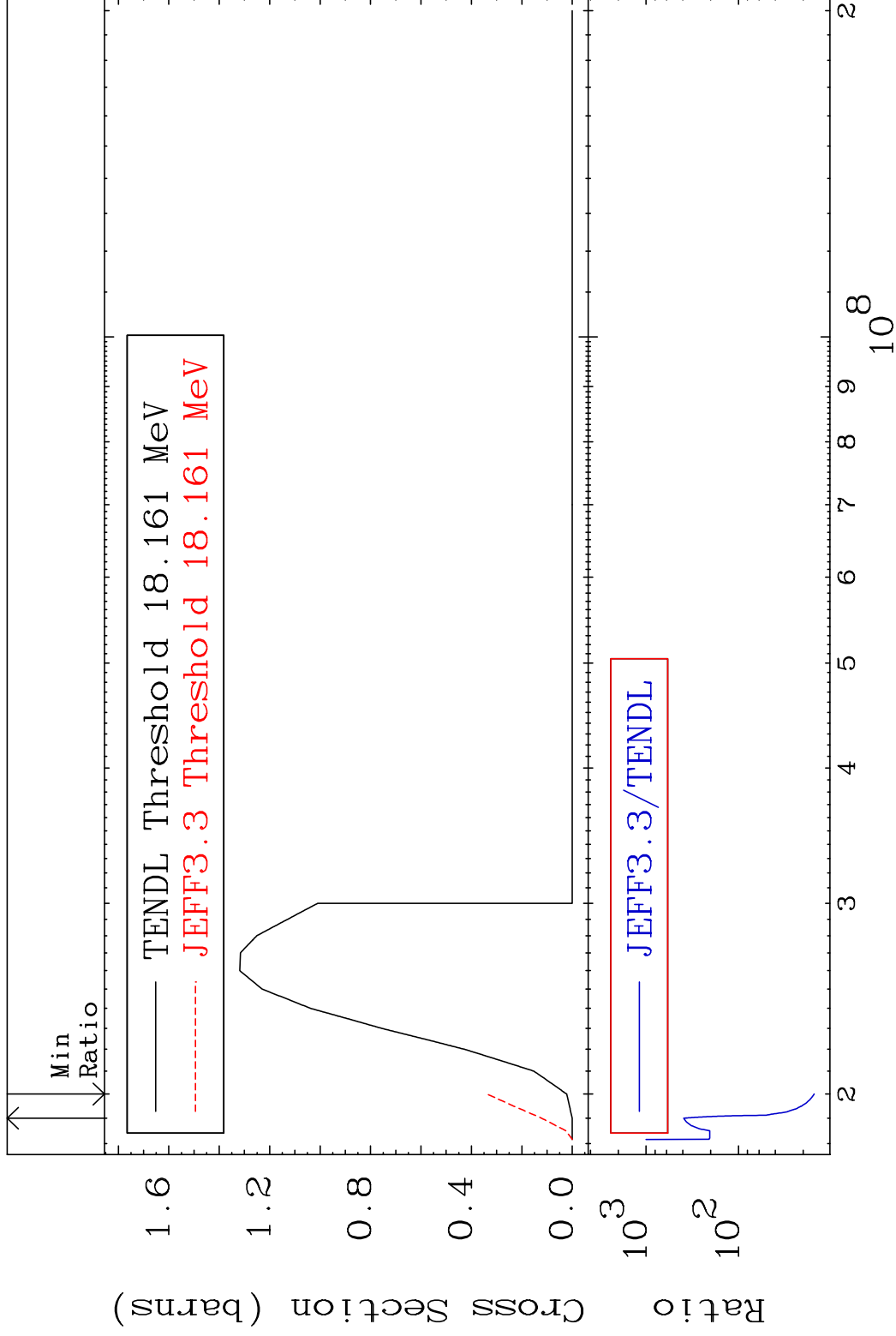
94-Pu-242

MAT 9446

(n, 4n)

94-Pu-242

Cross Section 1422. To 9999. %

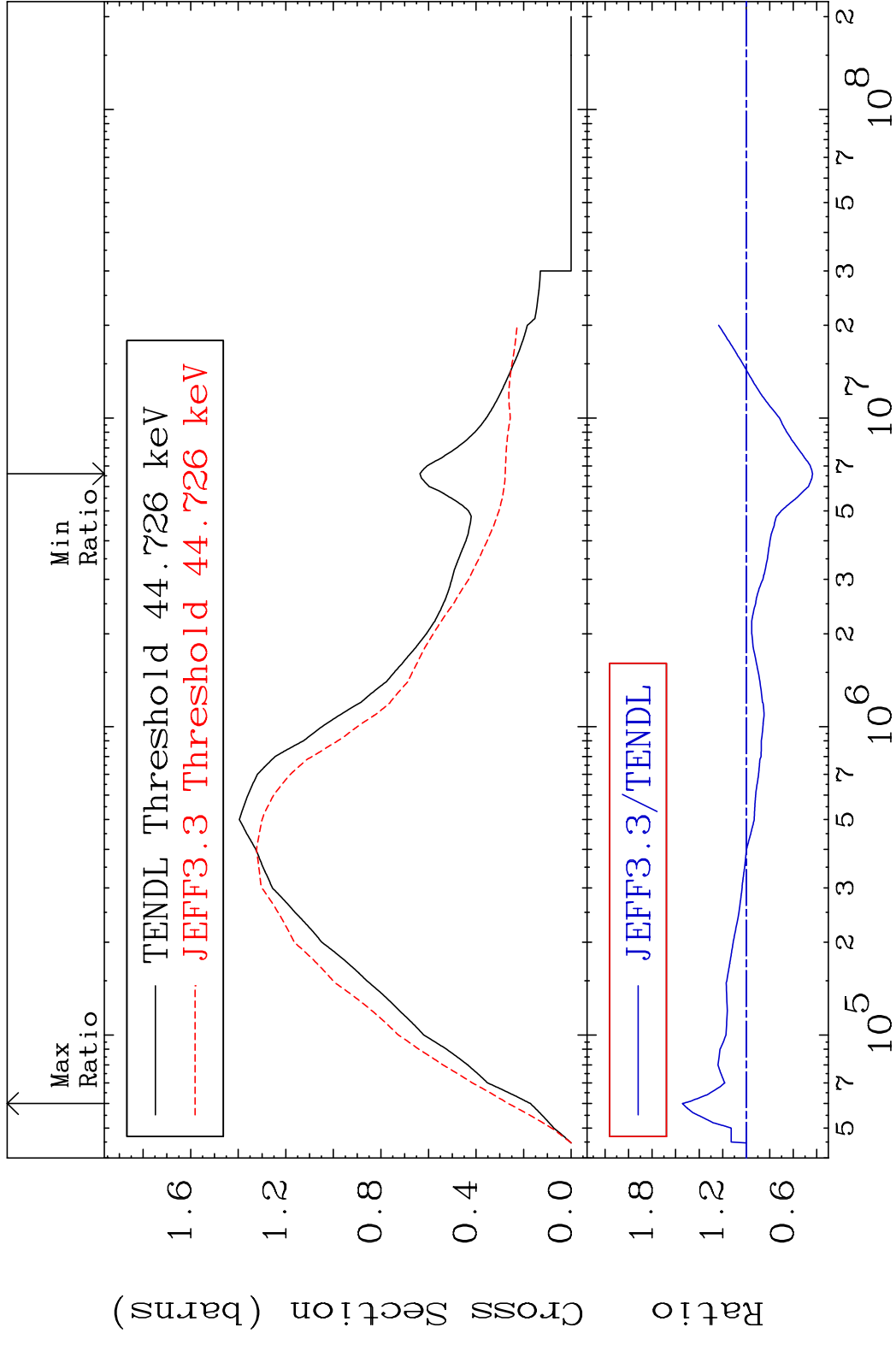


7

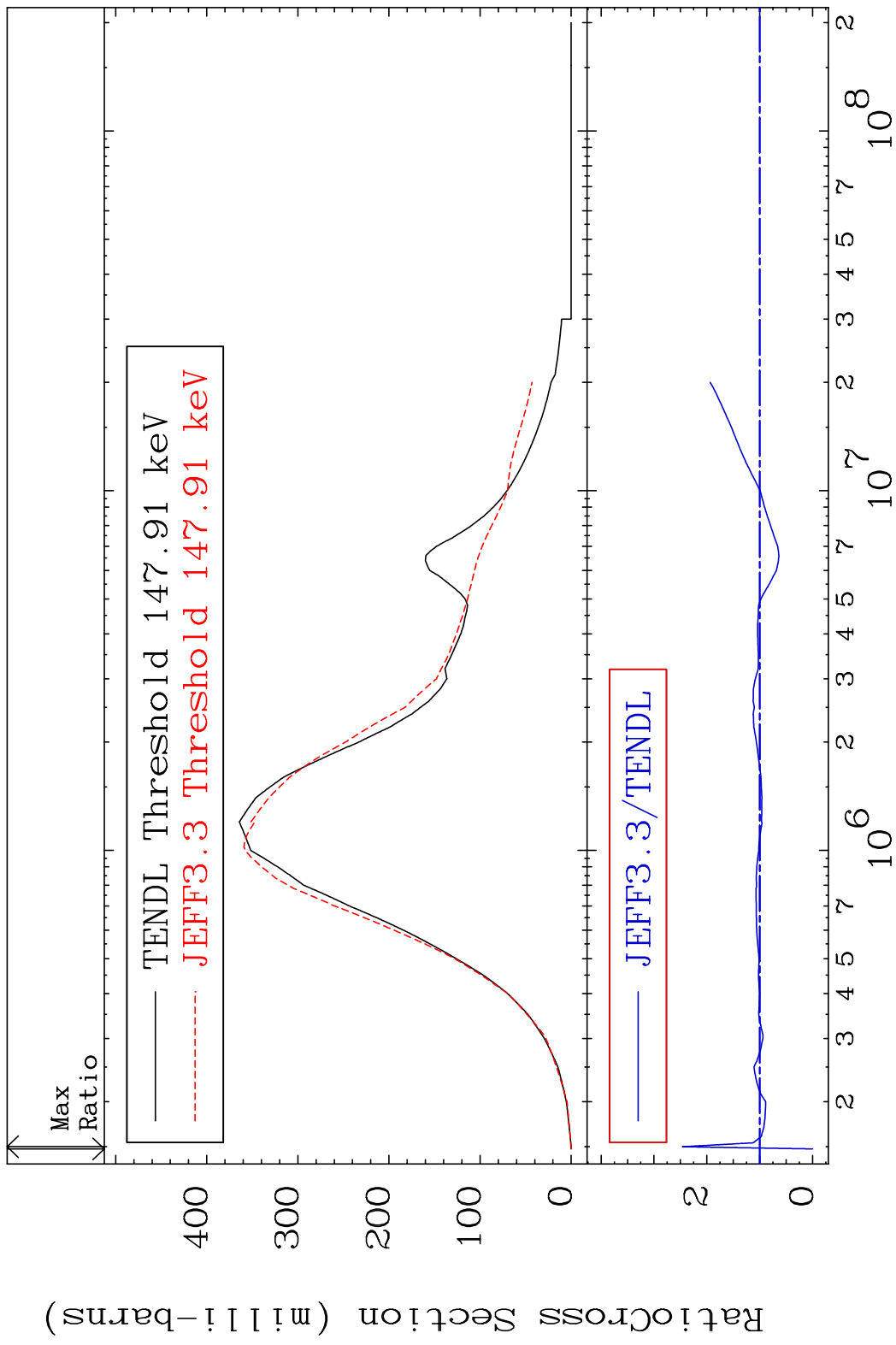
Incident Energy (eV)

94-Pu-242

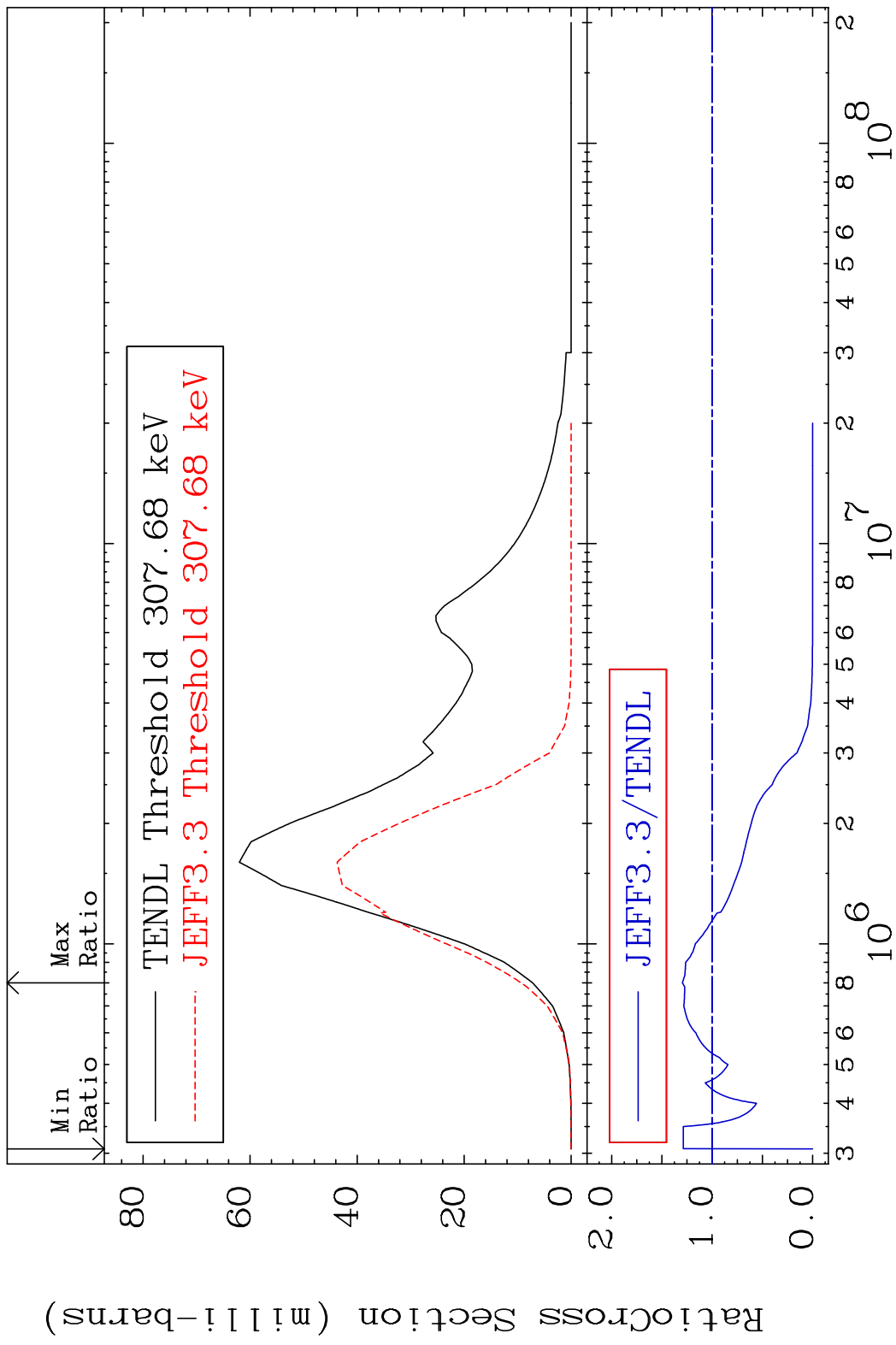
MAT 9446 MT= 51 (n, n') Level 94-Pu-242  
 Cross Section -56.39 To 54.28 %



MAT 9446 MT= 52 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 146.3 %

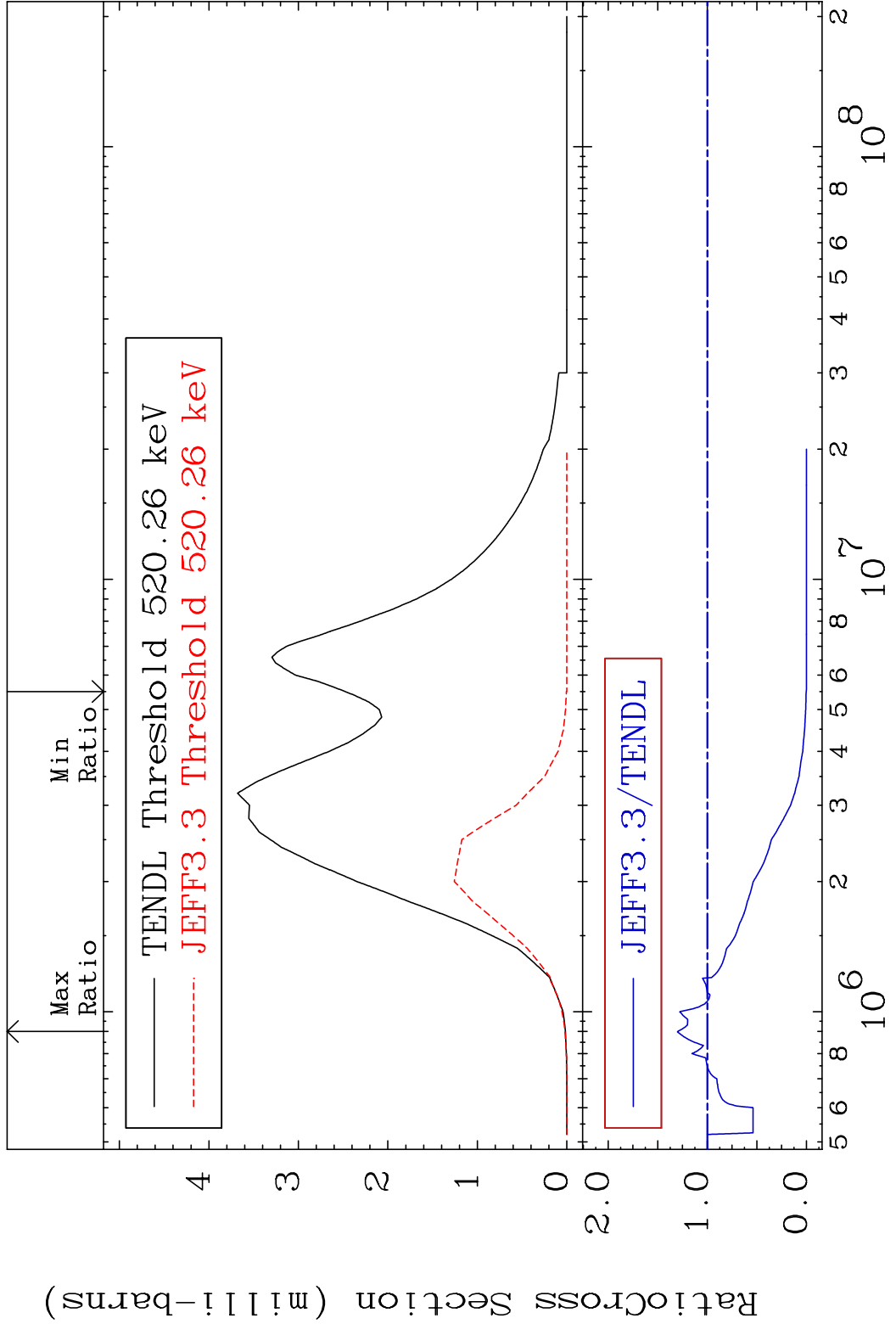


MAT 9446 MT= 53 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 29.66 %

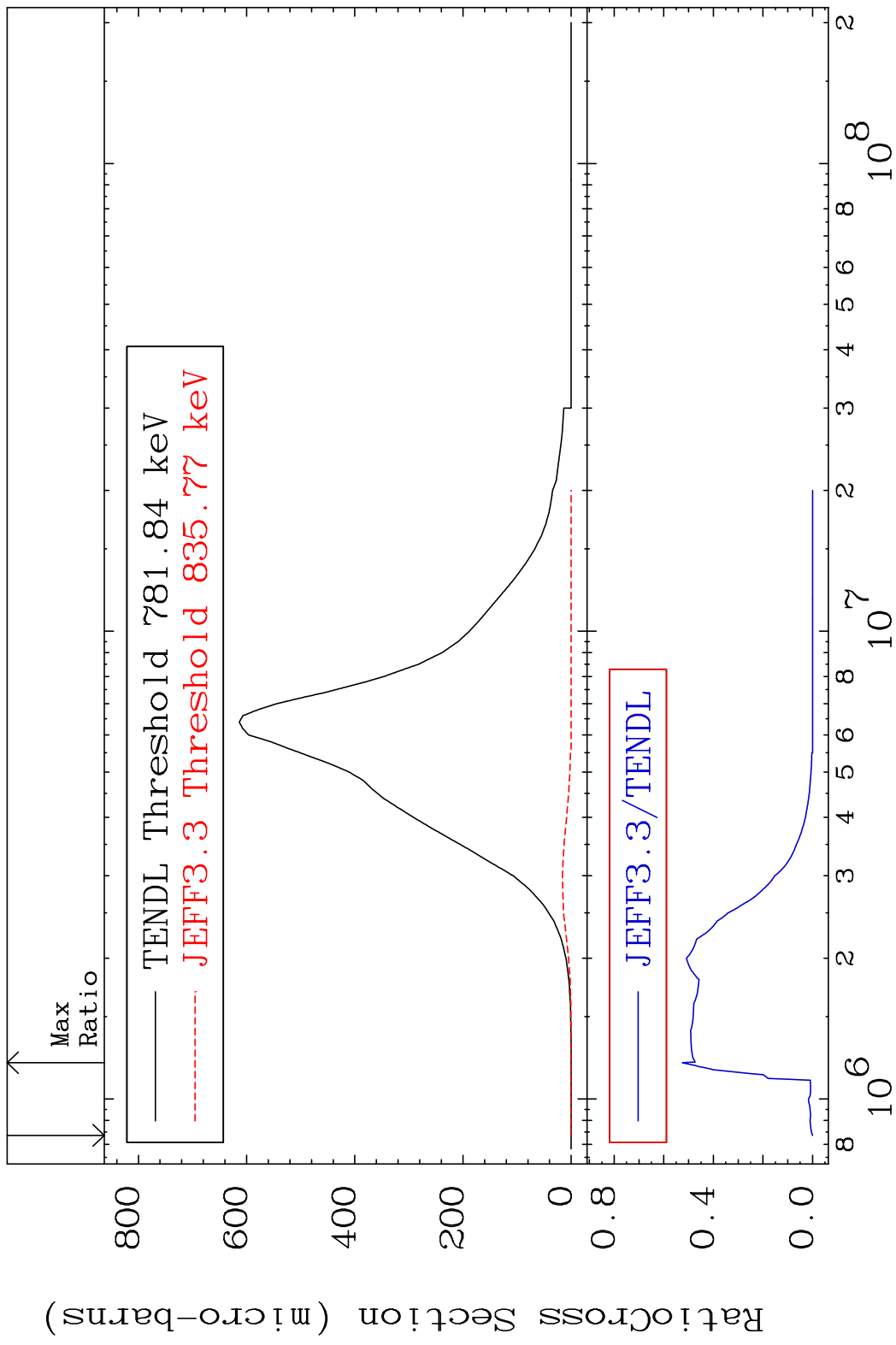


10 Incident Energy (eV) 94-Pu-242

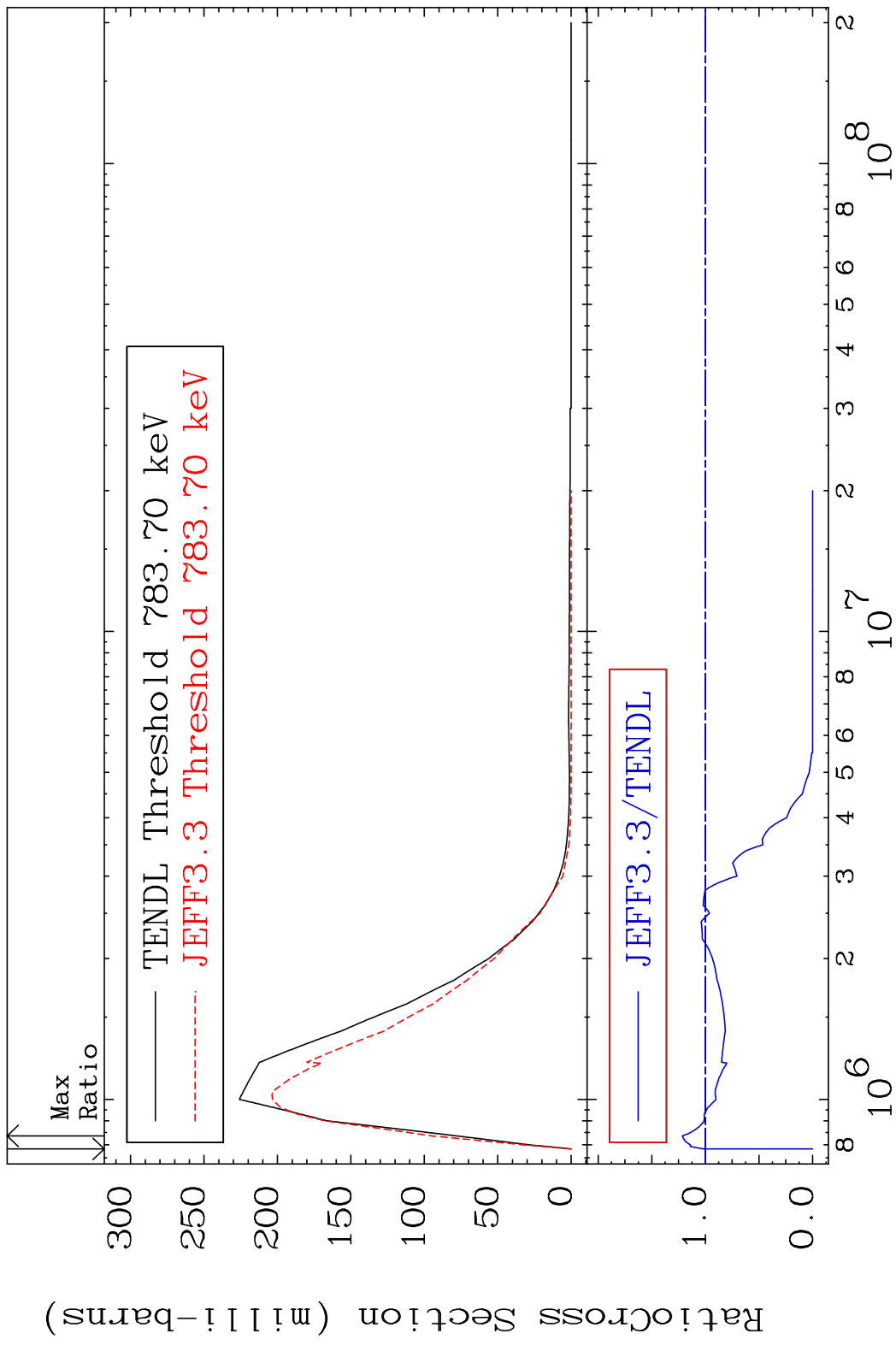
MAT 9446 MT= 54 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 30.36 %



MAT 9446 MT= 55 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -47.48%



MAT 9446 MT= 56 (n,n') Level 94-Pu-242  
 Cross Section -100.0 To 21.46 %

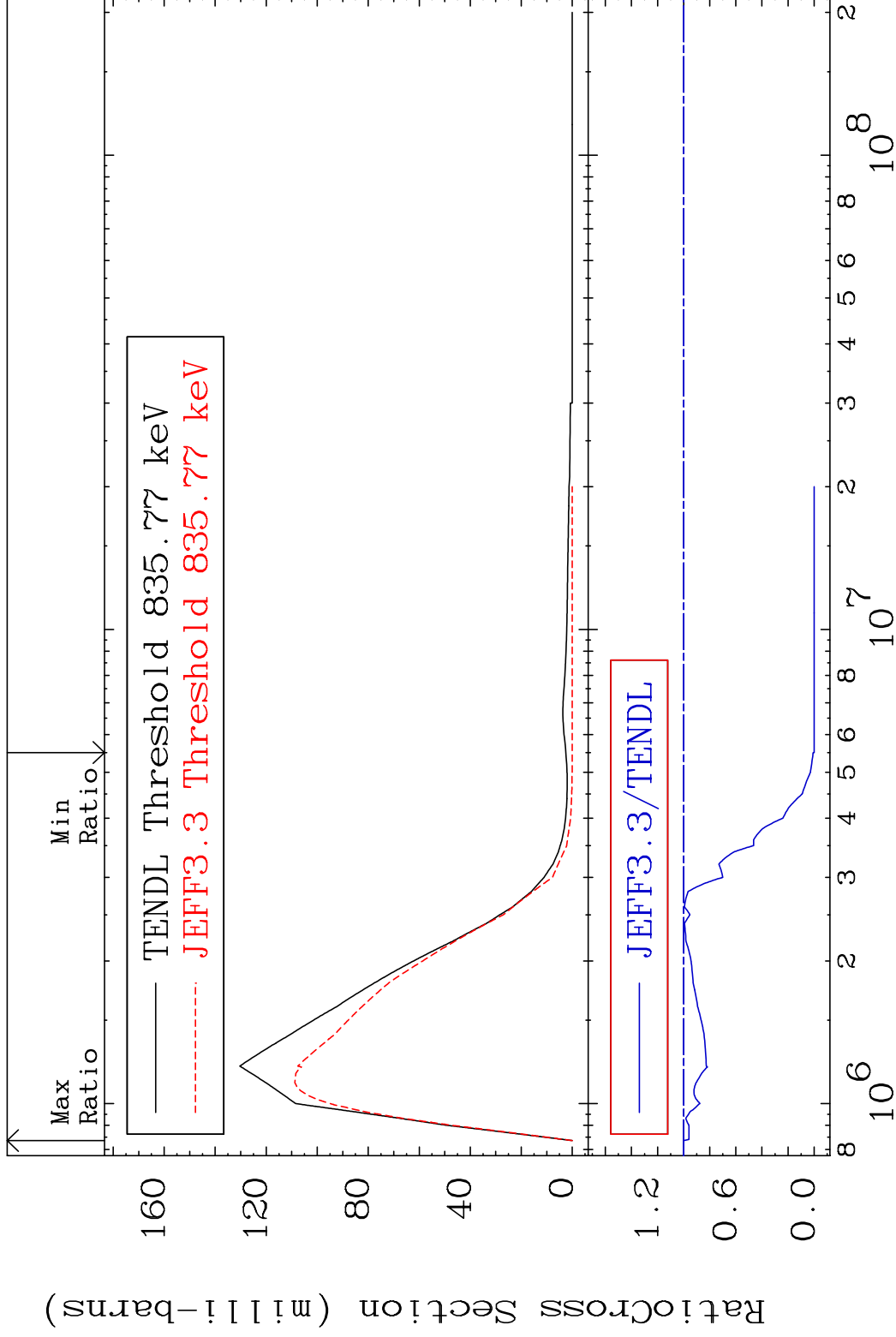


MAT 9446

MT= 57 (n, n') Level

94-Pu-242

Cross Section -100.0 To 0.000 %

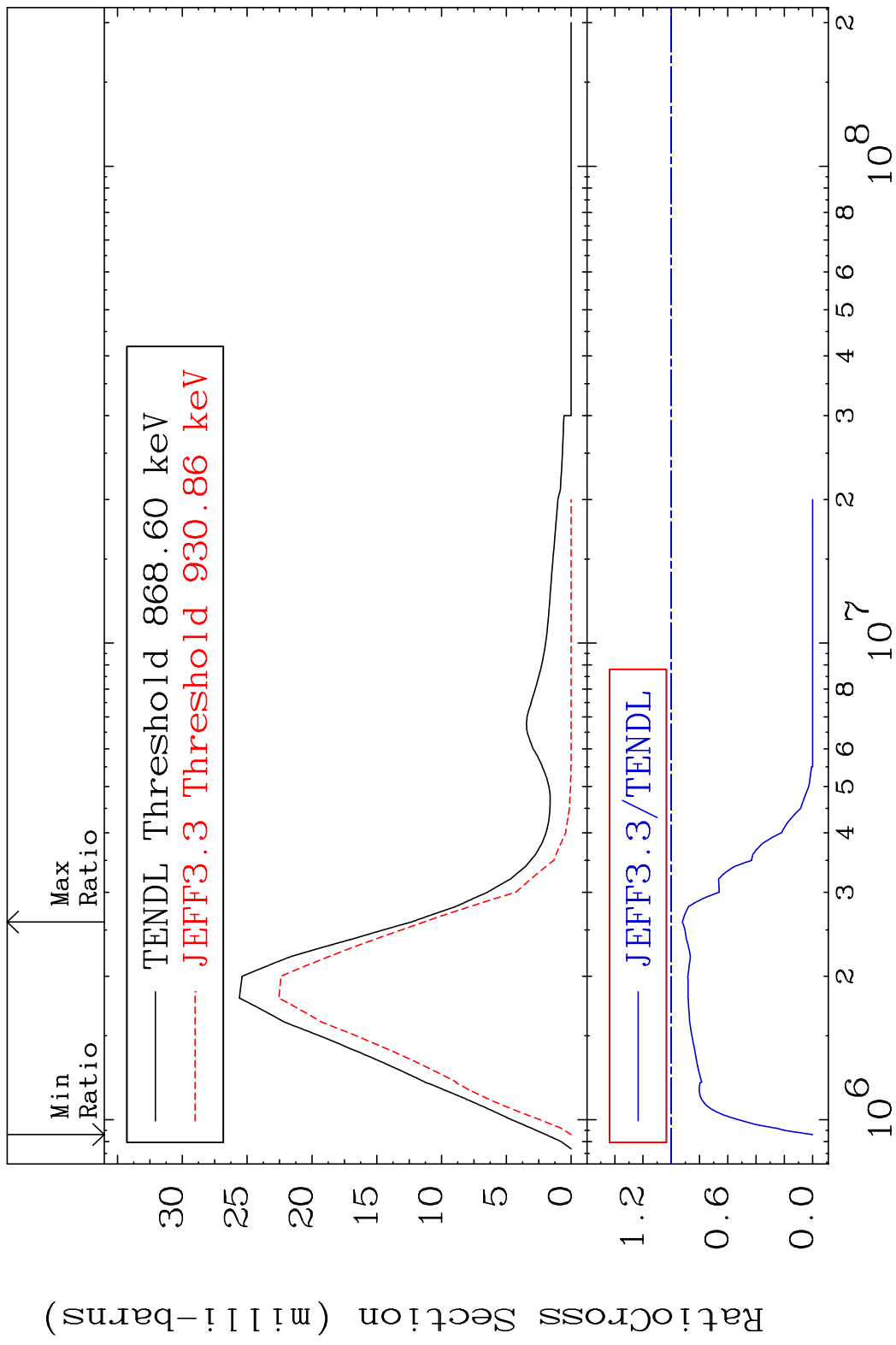


14

Incident Energy (eV)

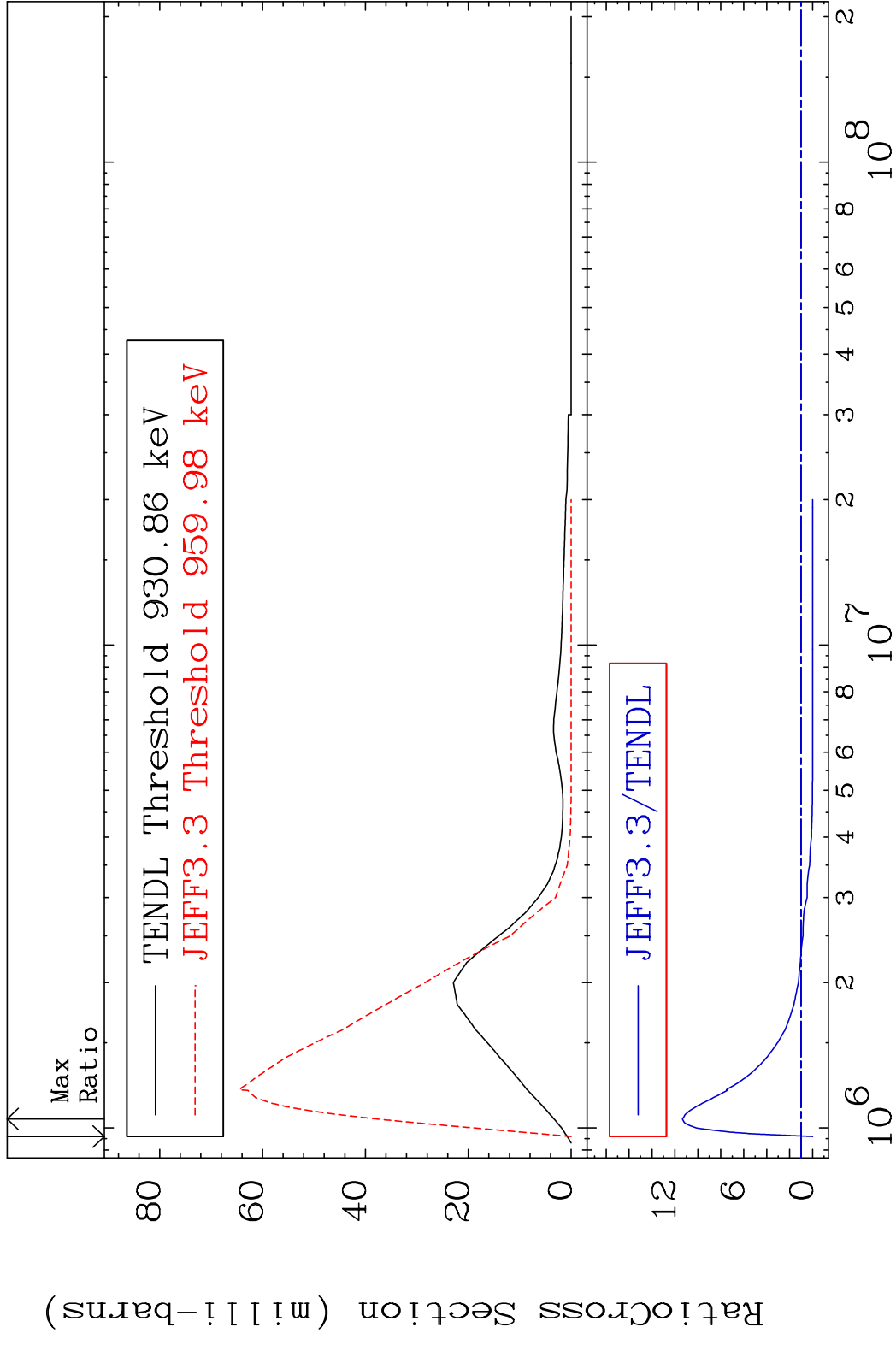
94-Pu-242

MAT 9446 MT= 58 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -7.827%



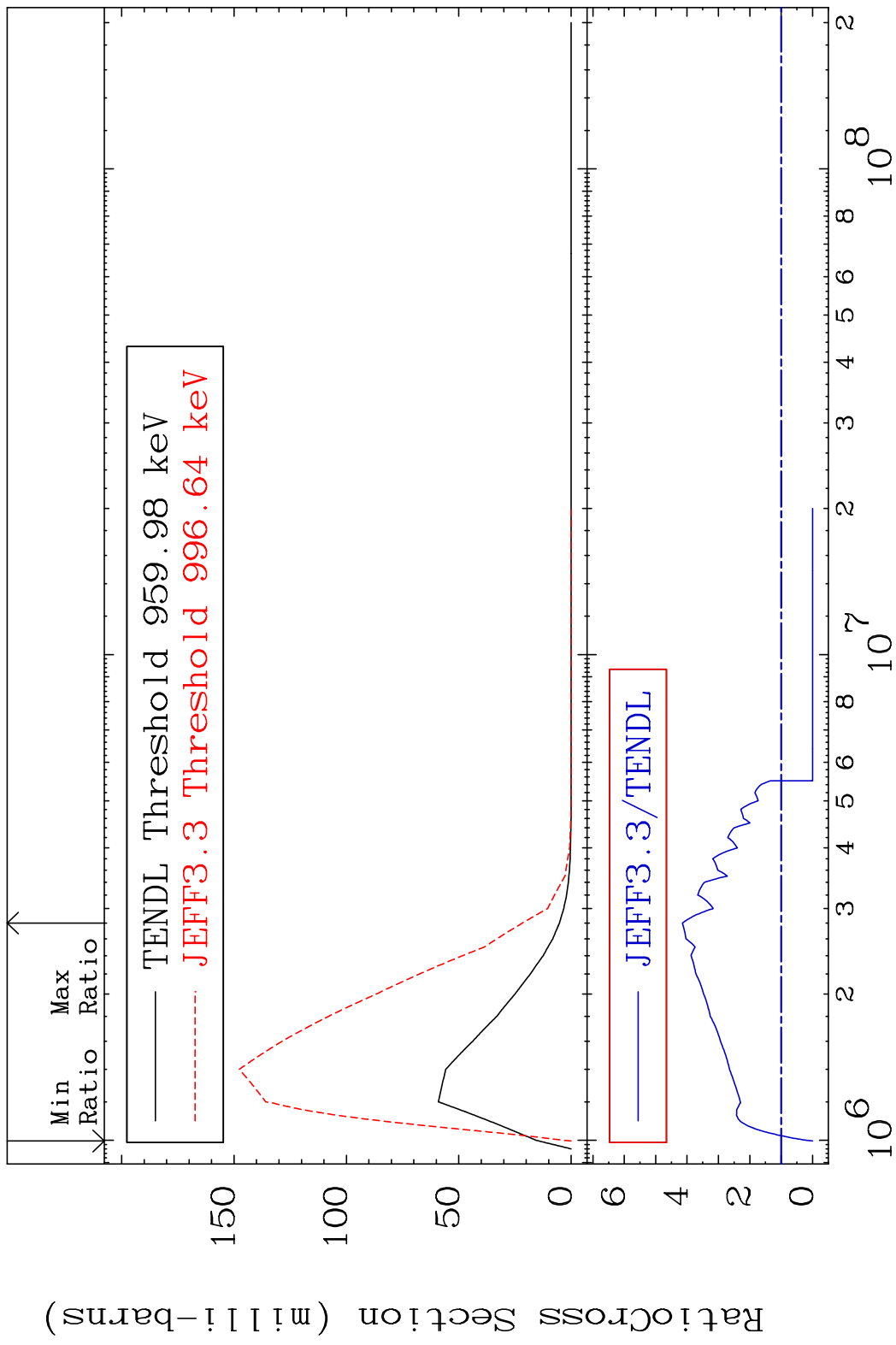
15 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 59 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 1035. %



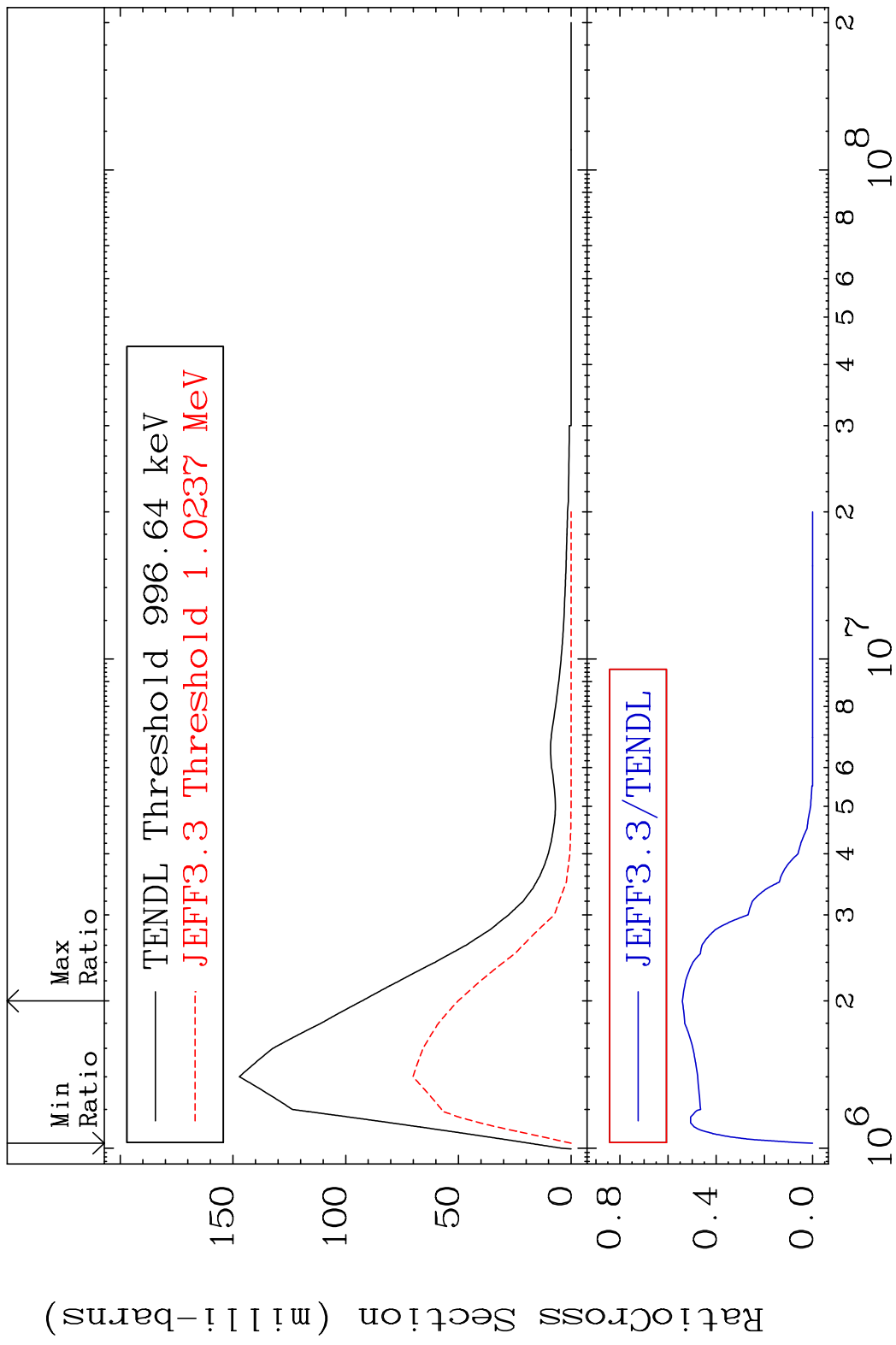
16 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 60 (n,n') Level 94-Pu-242  
 Cross Section -100.0 To 315.0 %



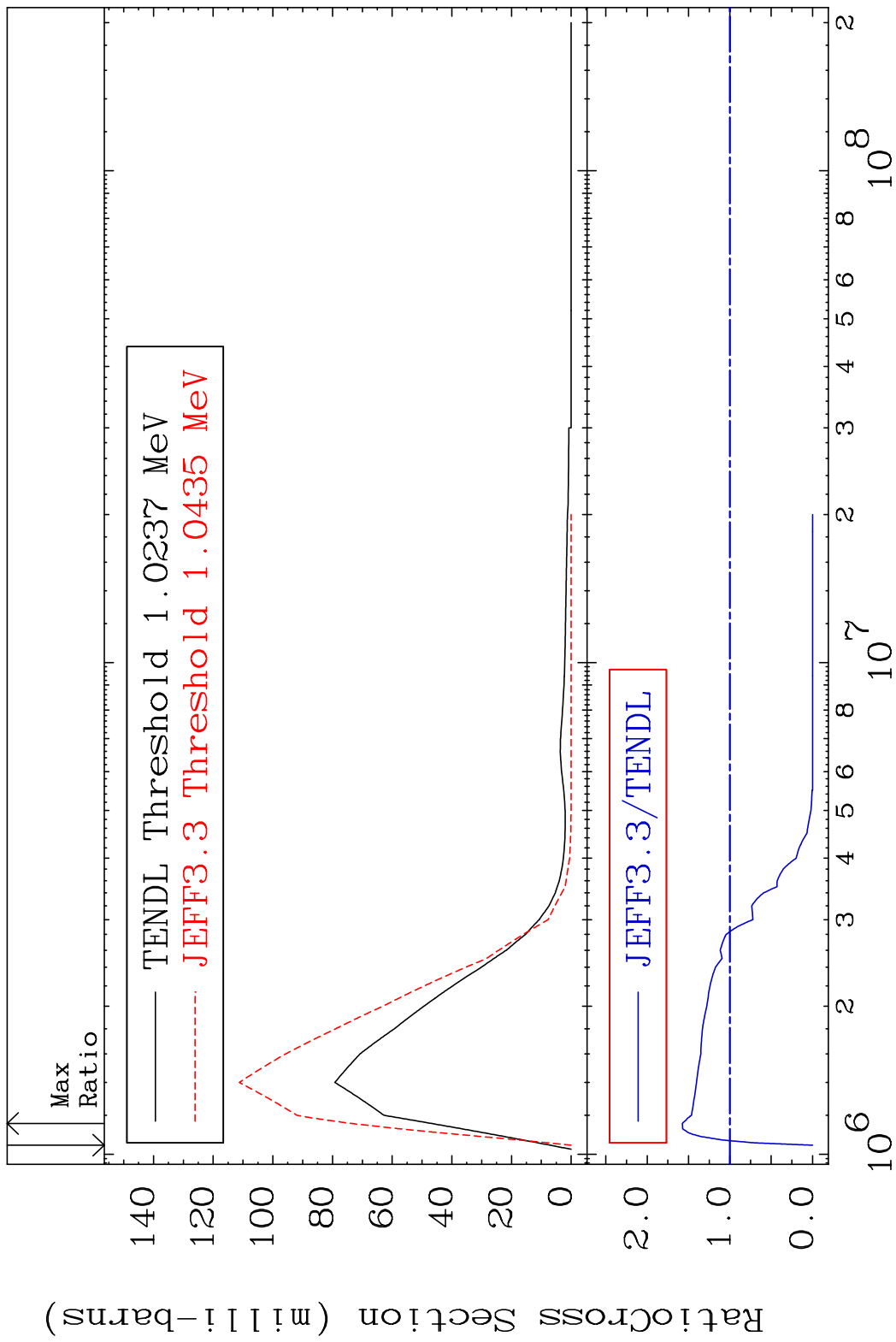
17 Incident Energy (eV) 94-Pu-242

MAT 9446 MT= 61 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To -45.92%



18 94-Pu-242

MAT 9446 MT= 62 (n, n') Level 94-Pu-242  
 Cross Section -100.0 To 57.46 %



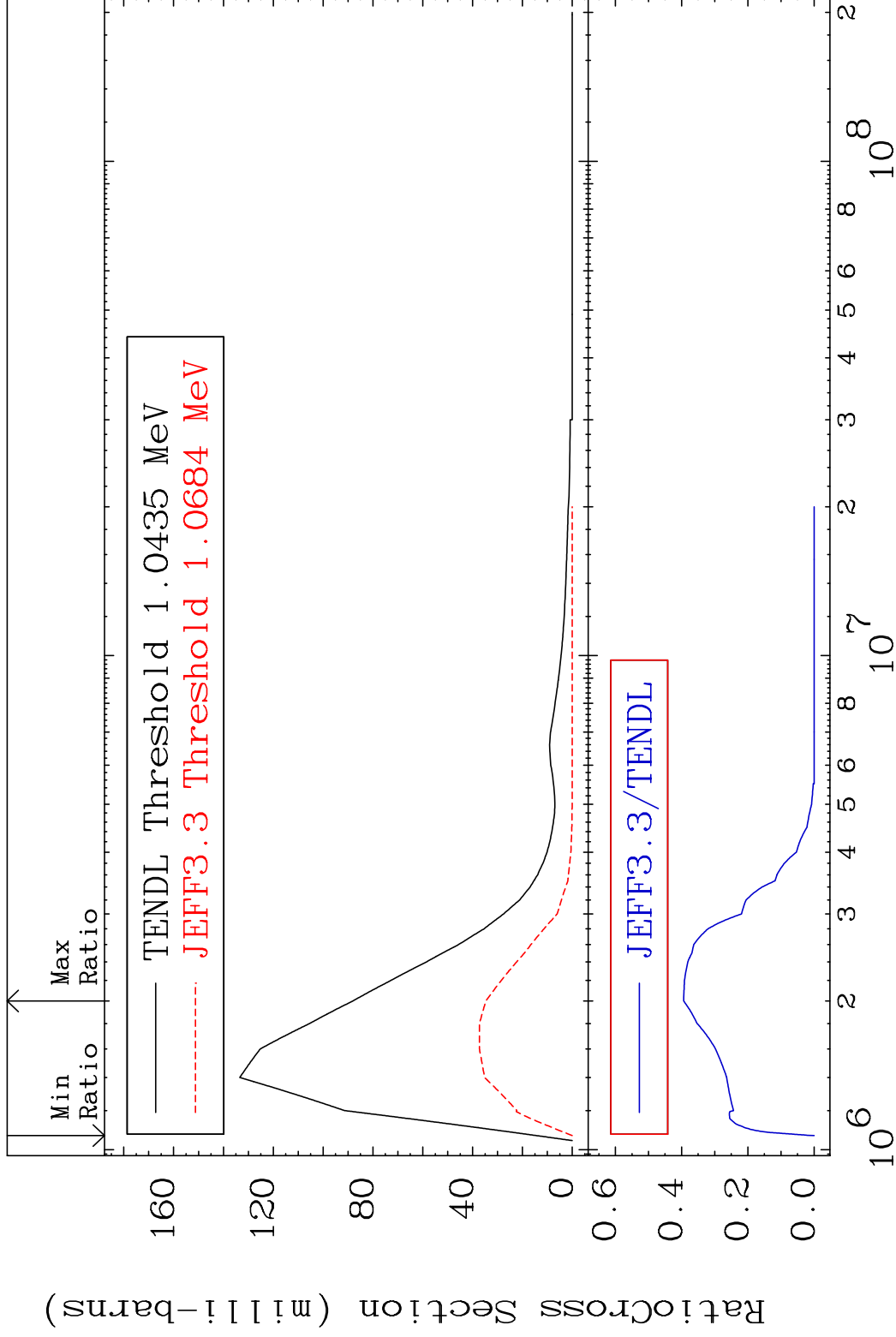
19 Incident Energy (eV) 94-Pu-242

MAT 9446

MT= 63 (n, n') Level

94-Pu-242

Cross Section -100.0 To -60.61%



20

Incident Energy (eV)

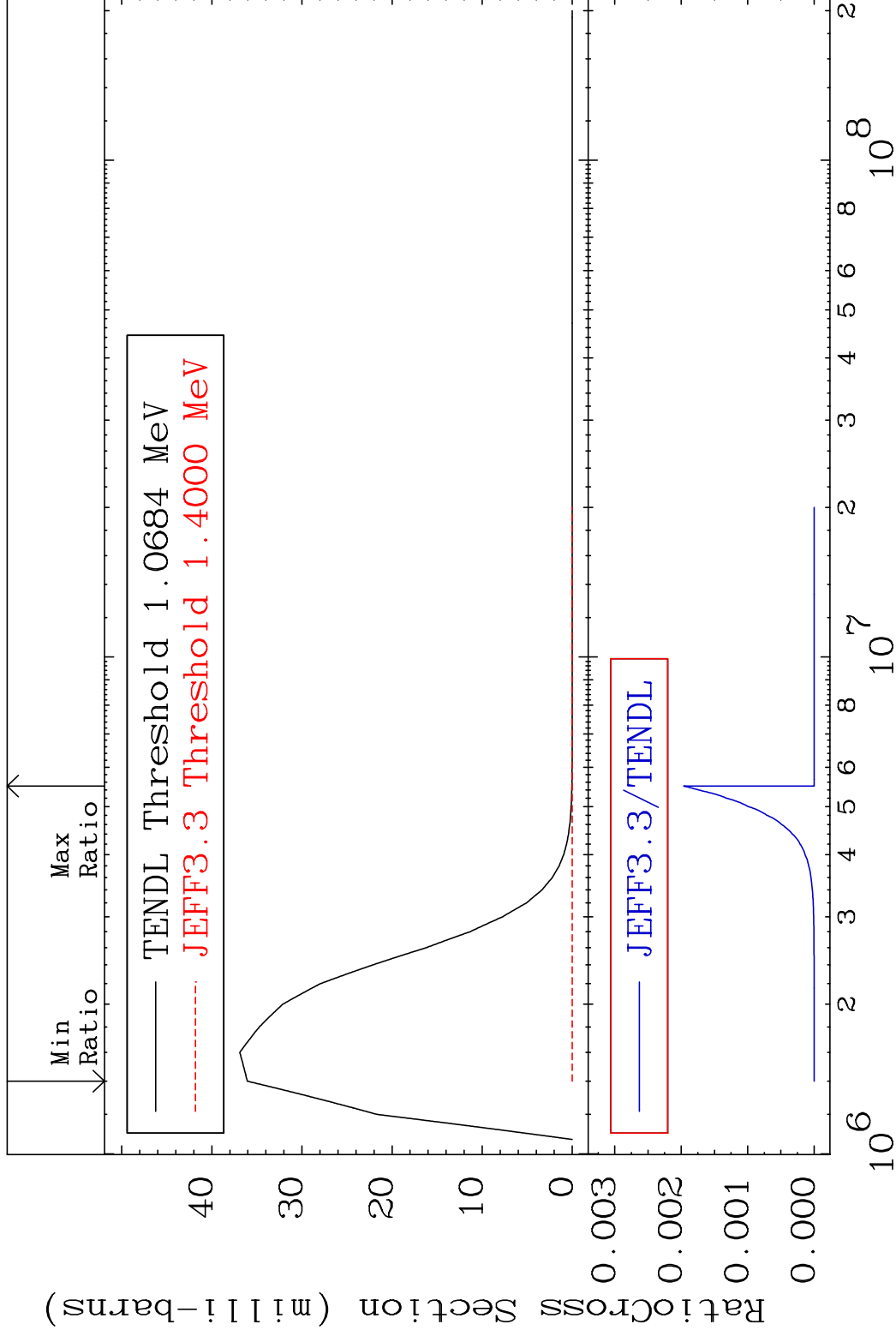
94-Pu-242

MAT 9446

MT= 64 (n, n') Level

94-Pu-242

Cross Section -100.0 To -99.80%



21

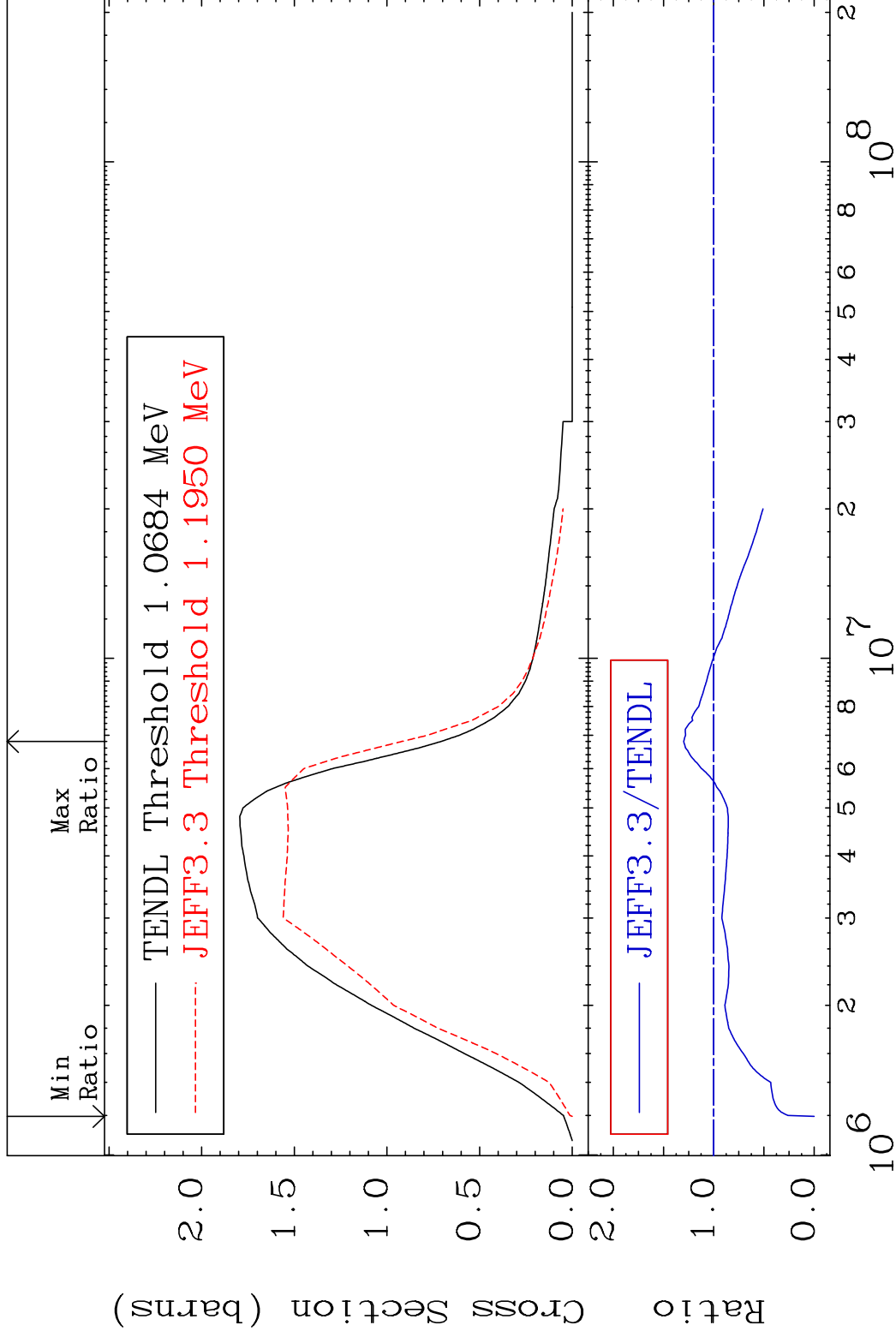
Incident Energy (eV)

94-Pu-242

MAT 9446

(n, n') Continuum  
Cross Section -100.0 To 29.94 %

94-Pu-242



22

Incident Energy (eV)

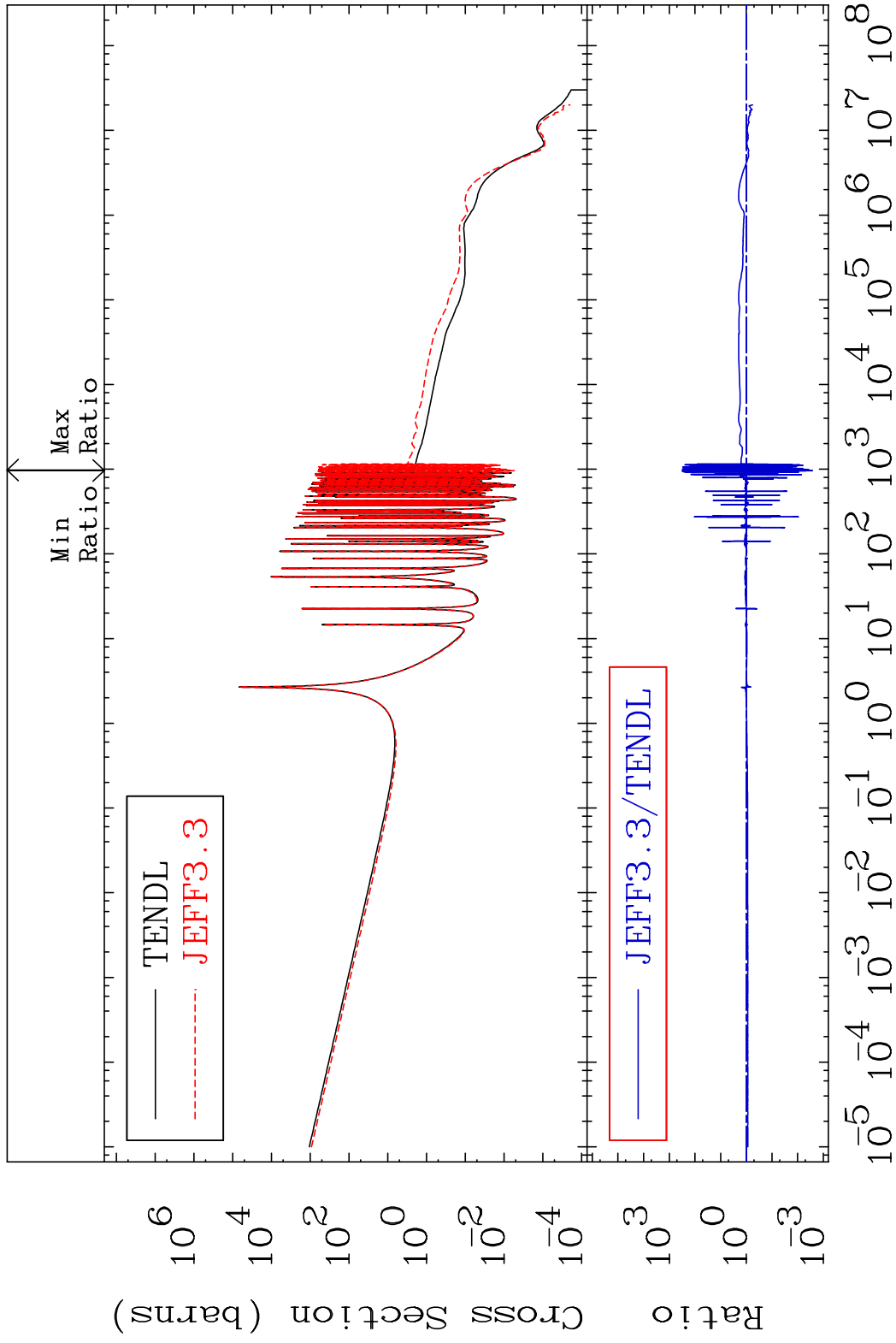
94-Pu-242

MAT 9446

(n,  $\gamma$ )

94-Pu-242

Cross Section -99.74 To 9999. %



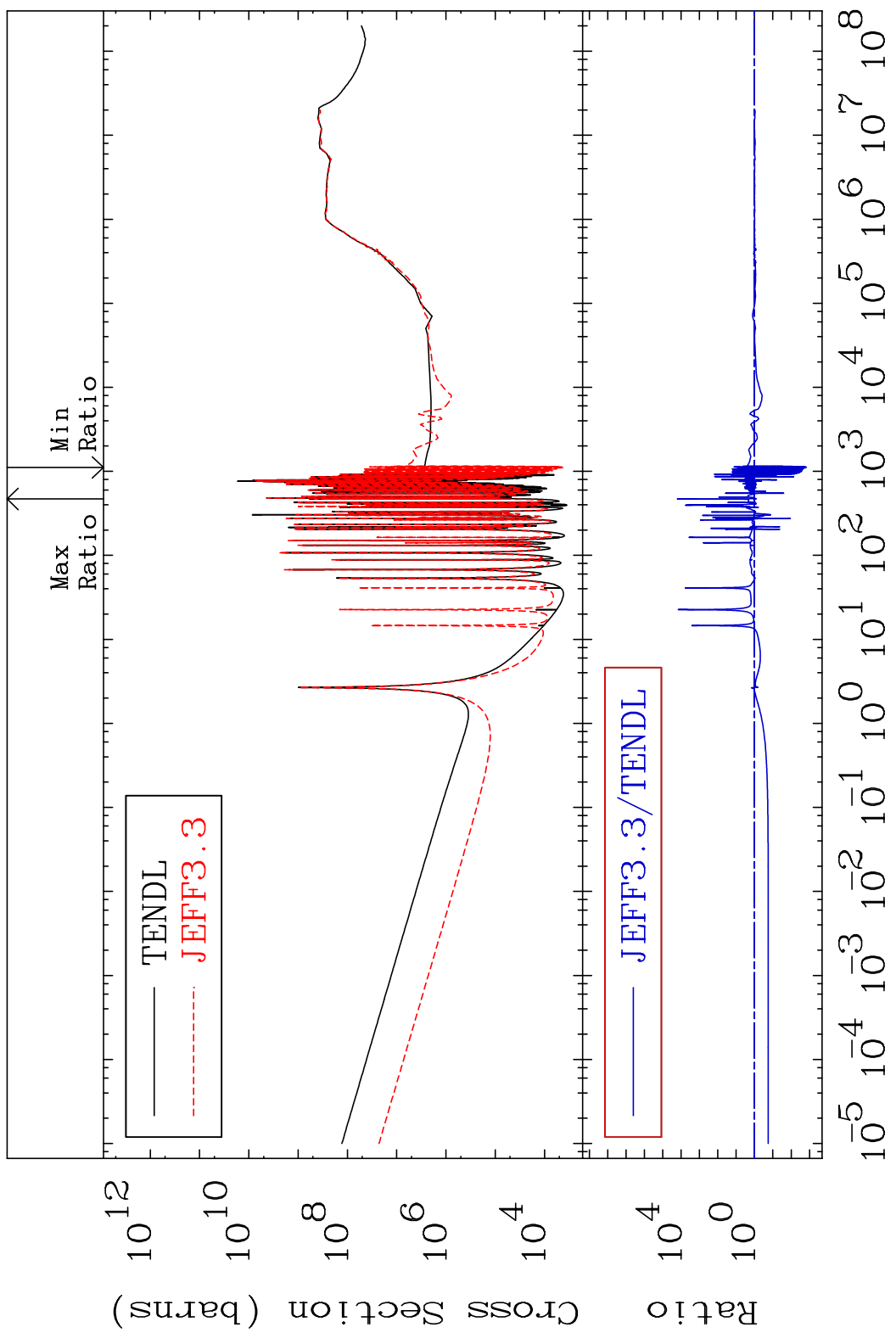
23

Incident Energy (eV)

94-Pu-242

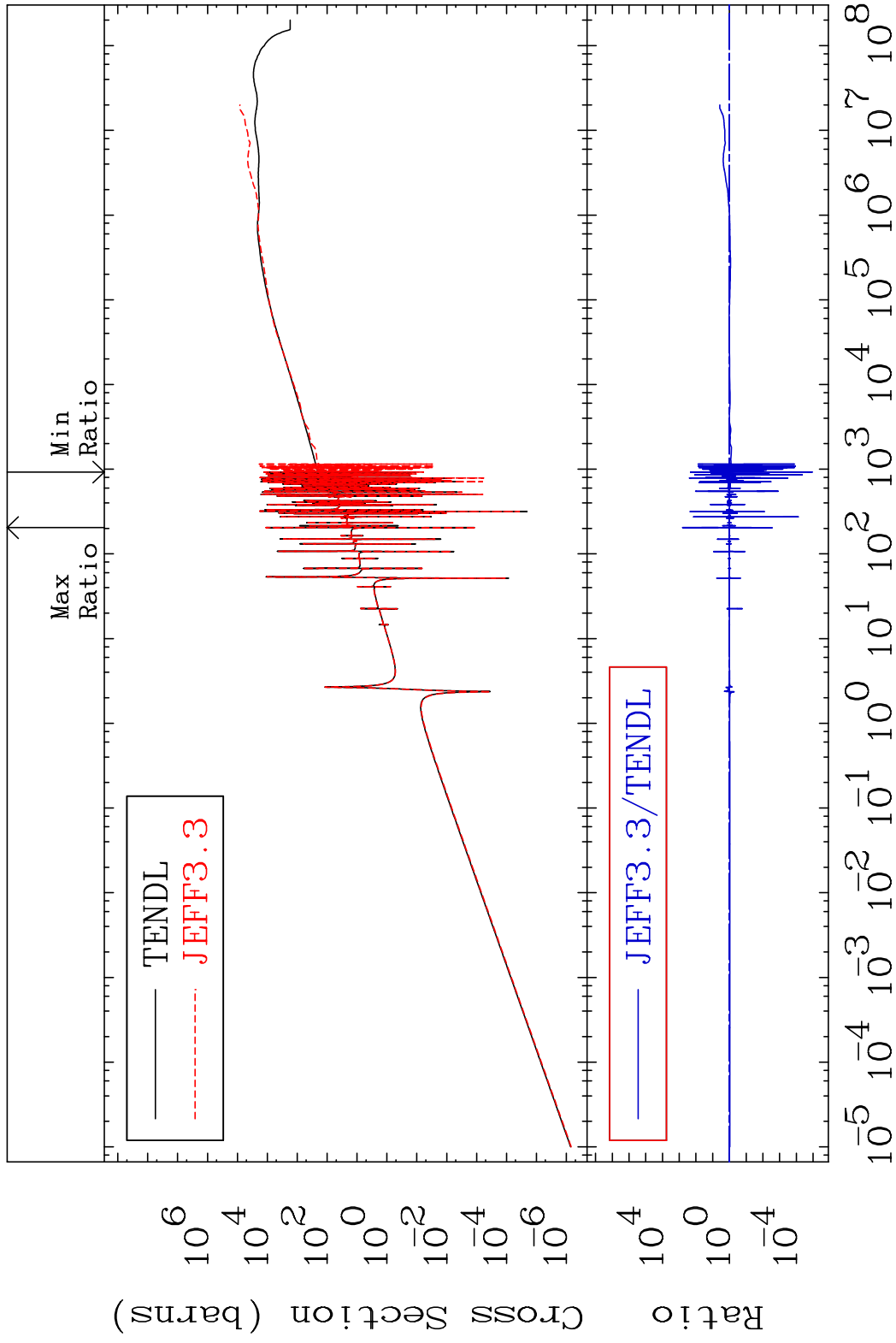
MAT 9446

Kerma total (eV-barns) 94-Pu-242  
Cross Section -99.85 To 9999. %

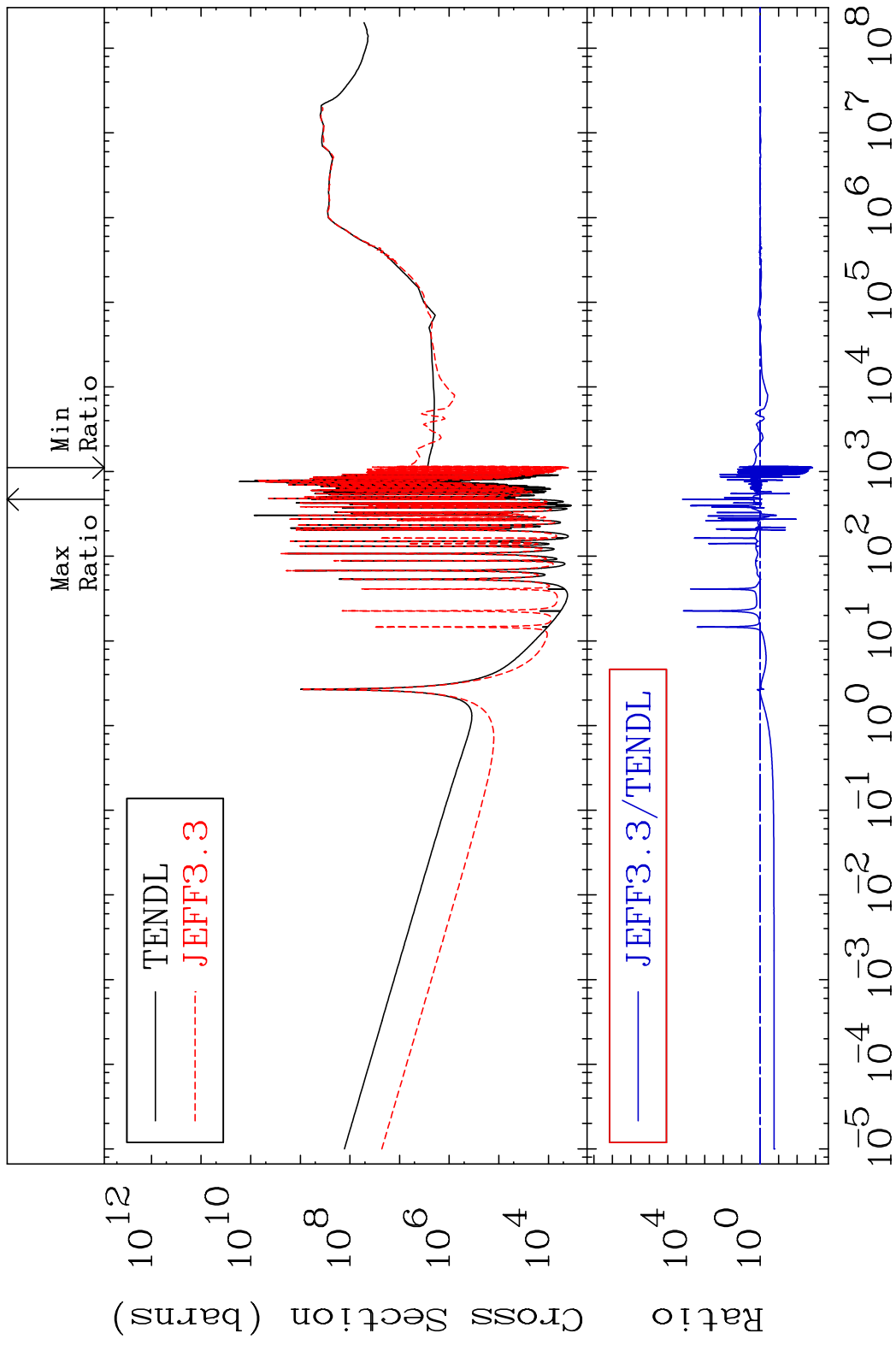


MAT 9446

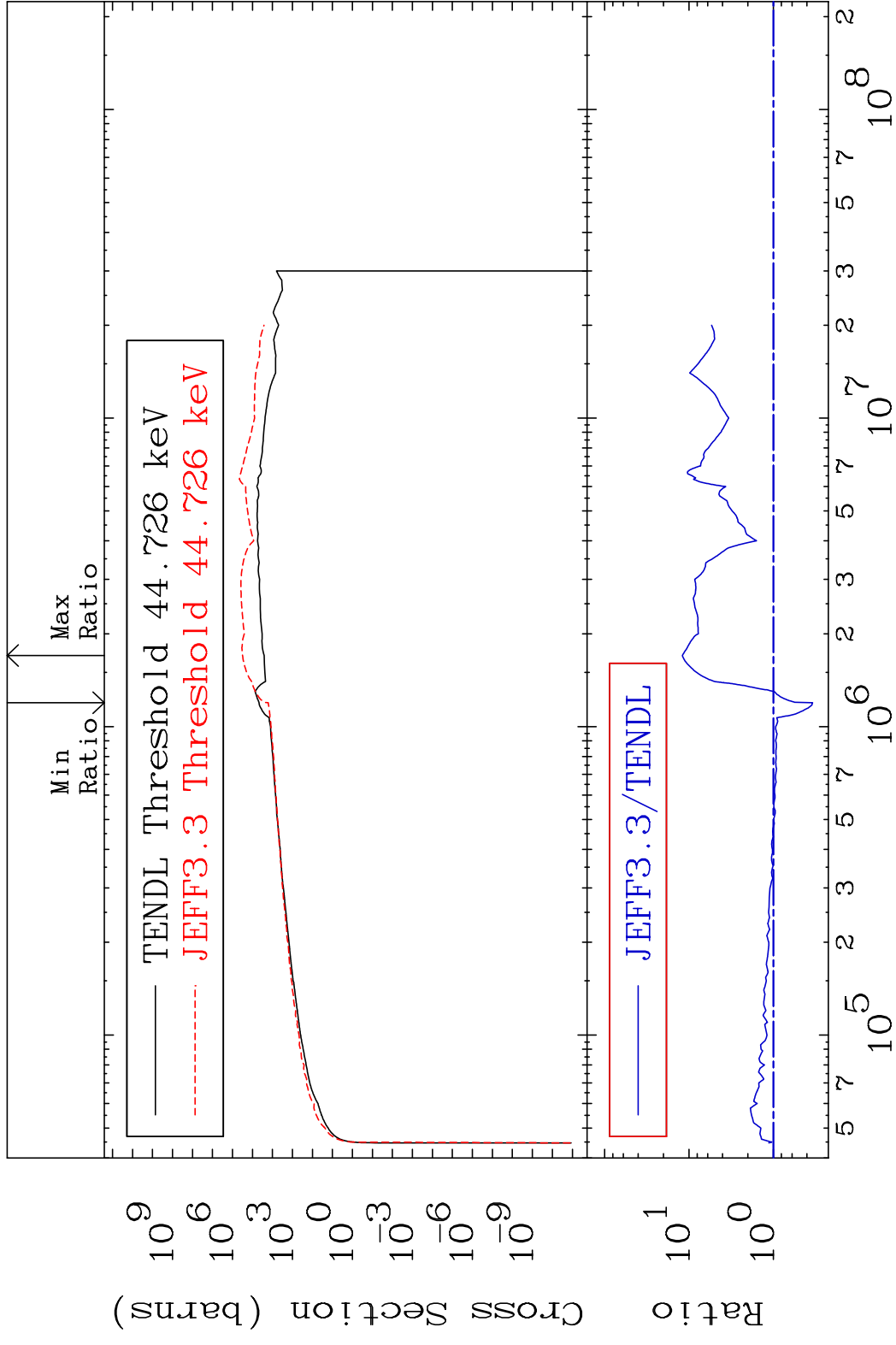
Kerma elastic Cross Section -100.0 To 9999. %  
94-Pu-242



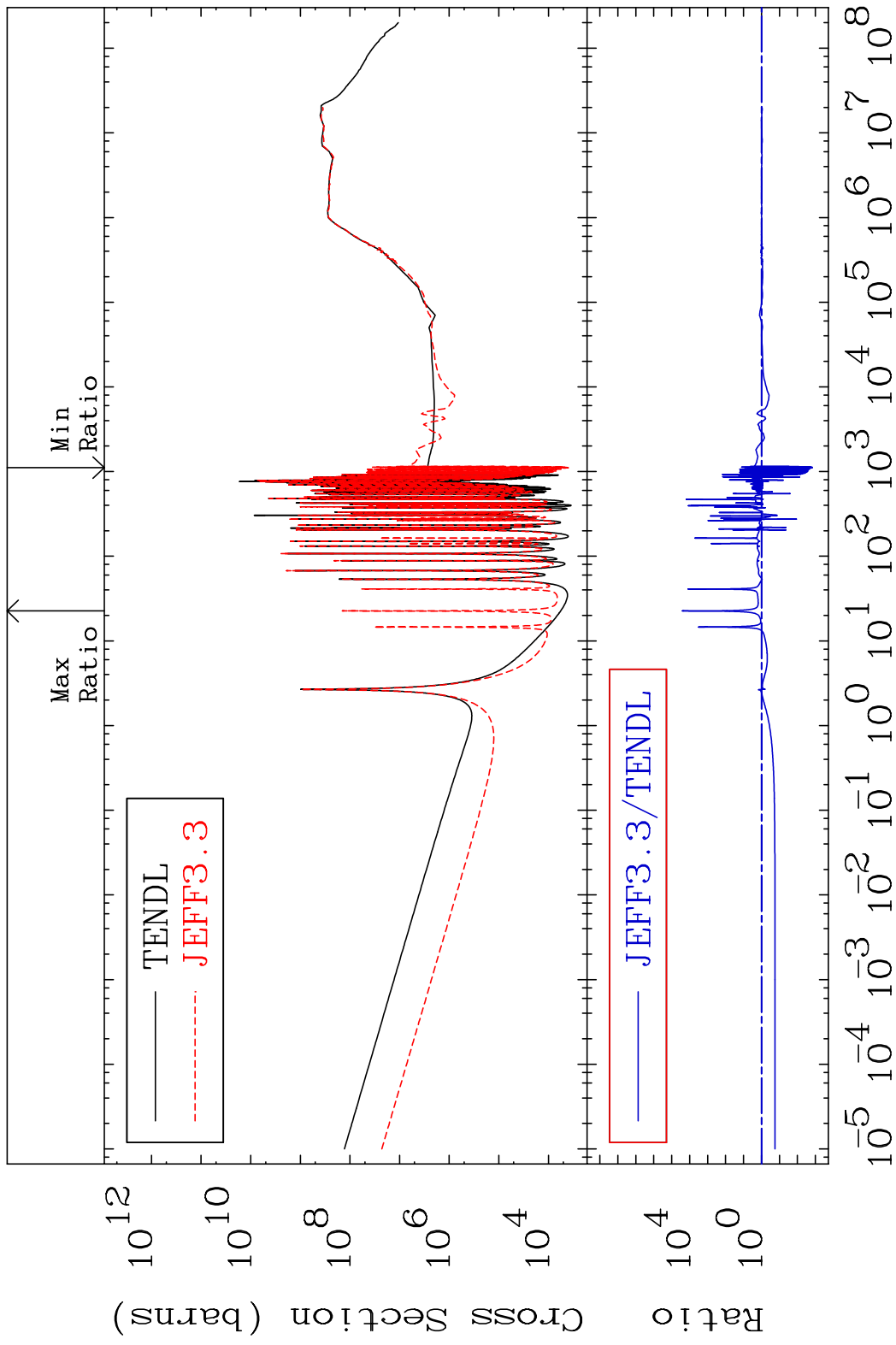
MAT 9446 Kerma non-elastic (all but mt2) 94-Pu-242  
 Cross Section -99.86 To 9999. %



MAT 9446 Kerma inelastic (mt51-91) 94-Pu-242  
 Cross Section -65.77 To 1097. %

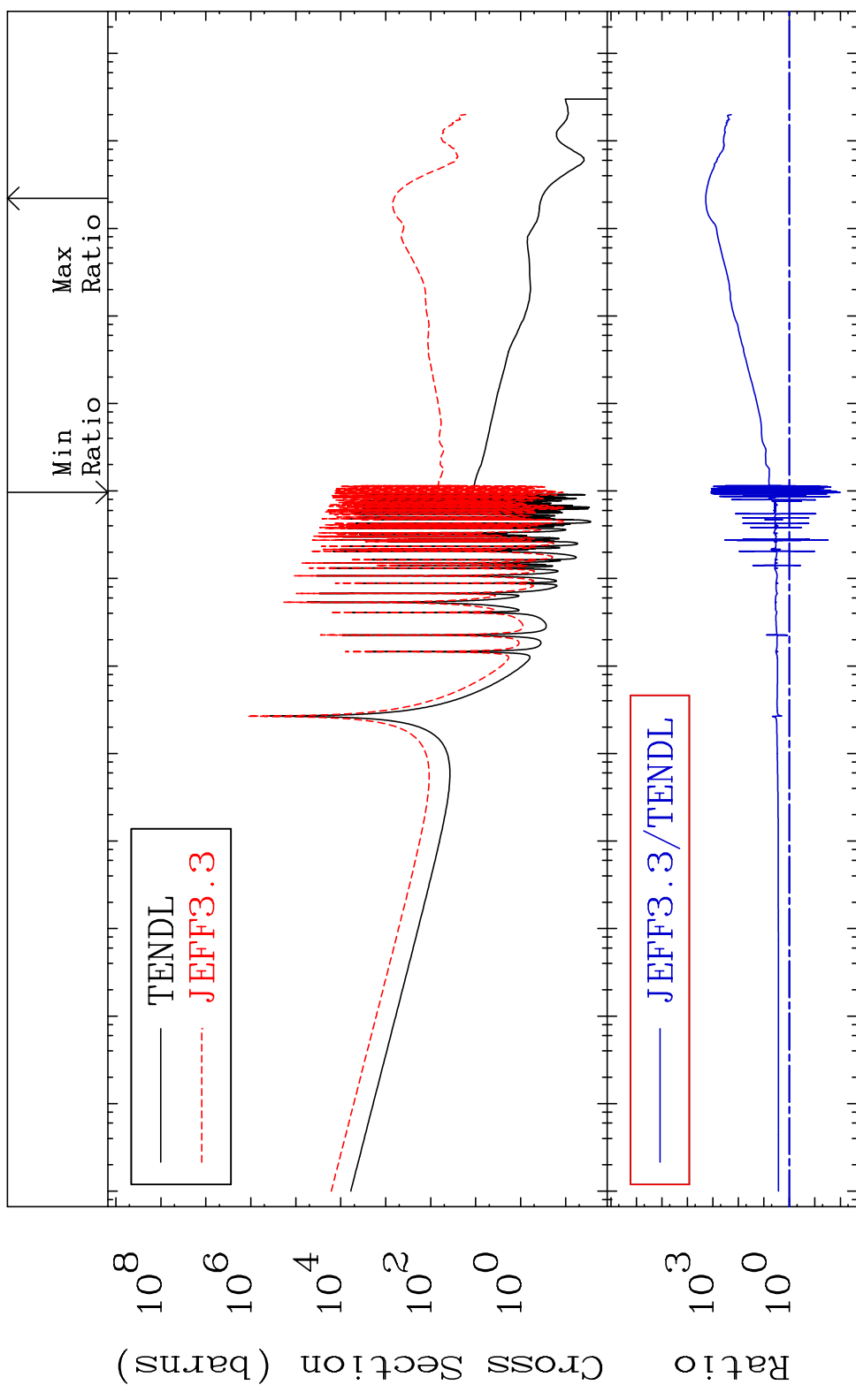


MAT 9446 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-242  
 Cross Section -99.86 To 9999. %



MAT 9446

Kerma capture (mt102) 94-Pu-242  
Cross Section -99.00 To 9999. %

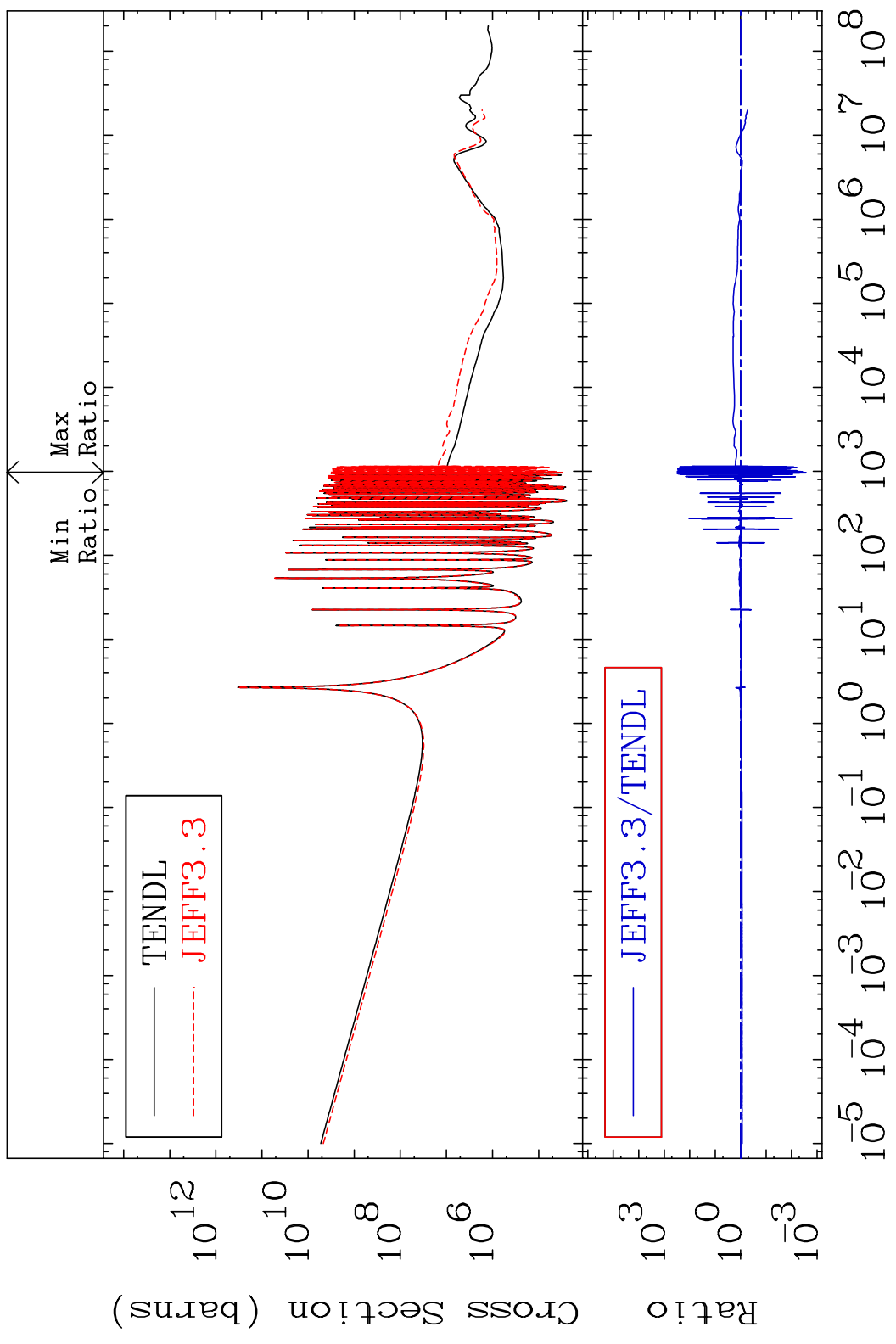


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Incident Energy (eV) 94-Pu-242

MAT 9446

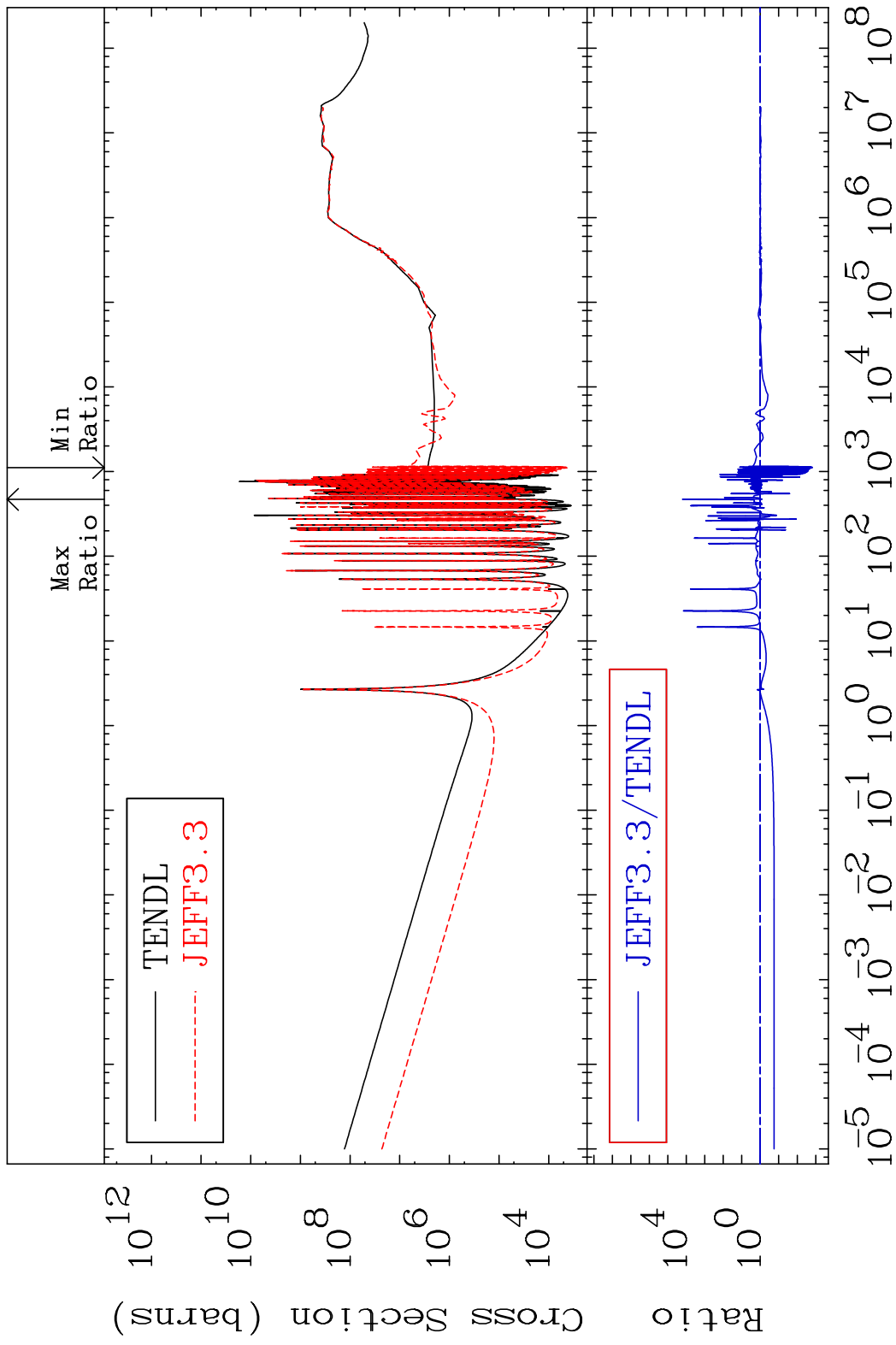
Total photon (eV-barns) 94-Pu-242  
Cross Section -99.74 To 9999. %



30

Incident Energy (eV) 94-Pu-242

MAT 9446 Total kinematic kerma (high limit) 94-Pu-242  
 Cross Section -99.85 To 9999. %

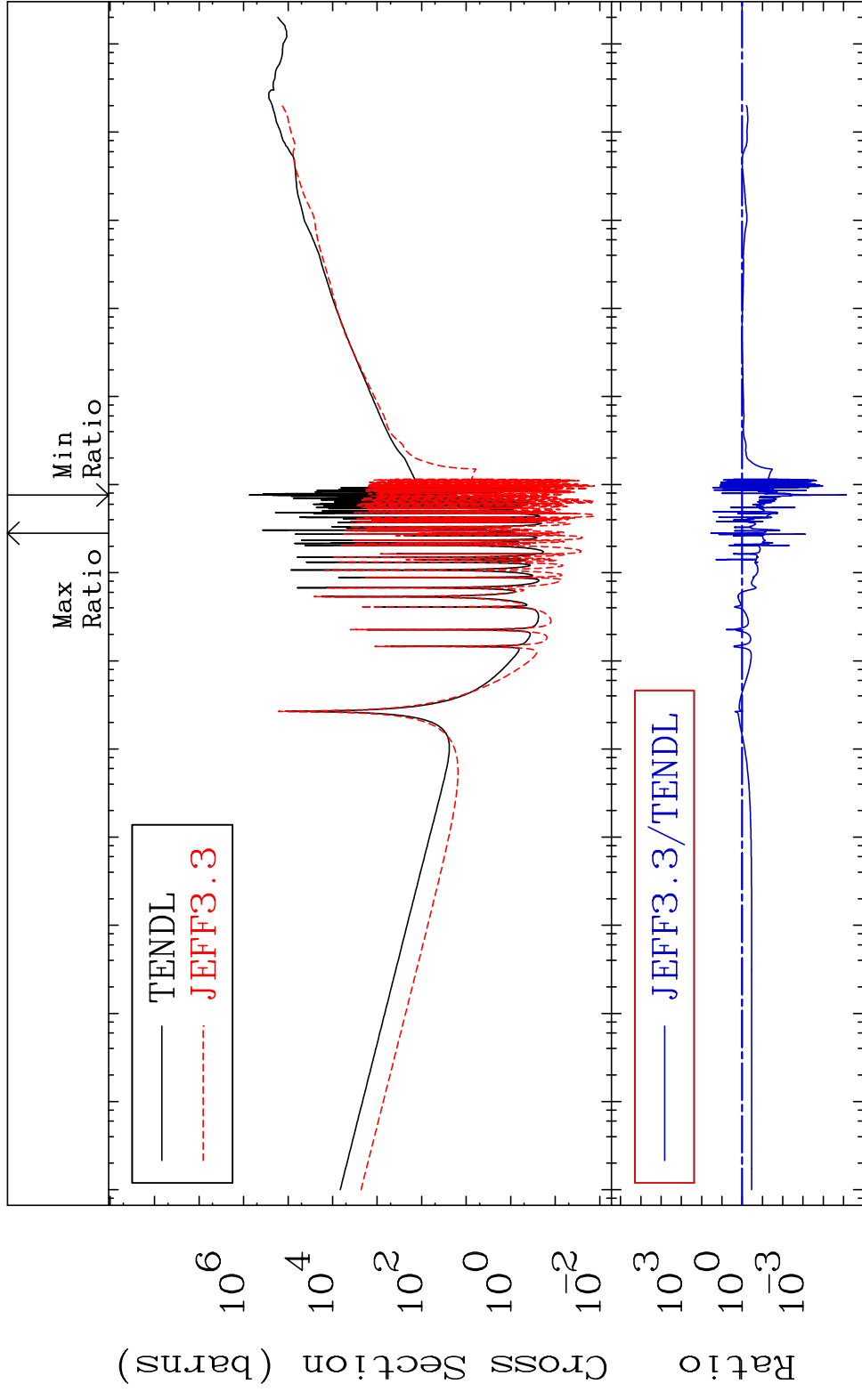


MAT 9446

Dpa total (eV-barns)

94-Pu-242

Cross Section -100.0 To 3479. %

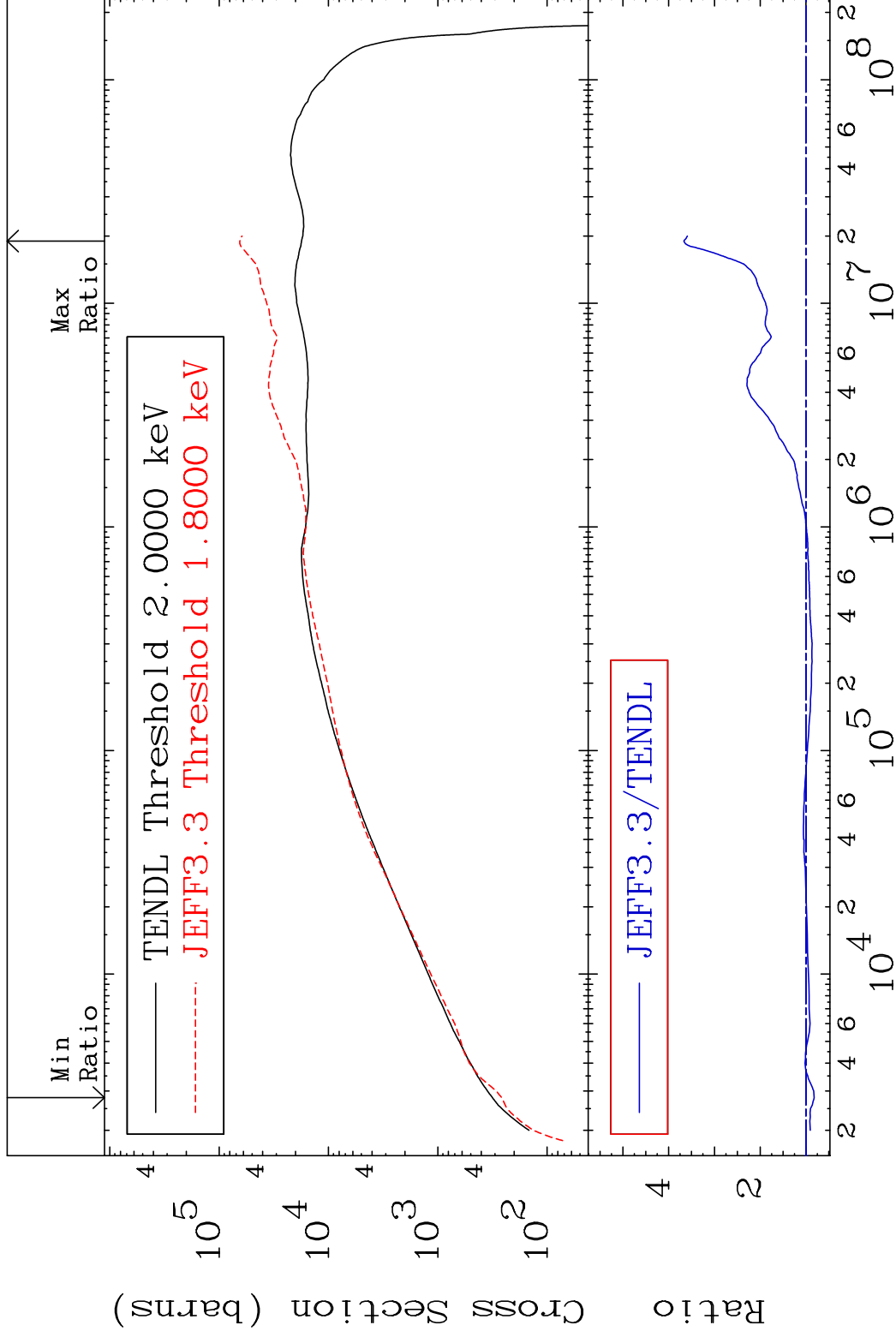


MAT 9446

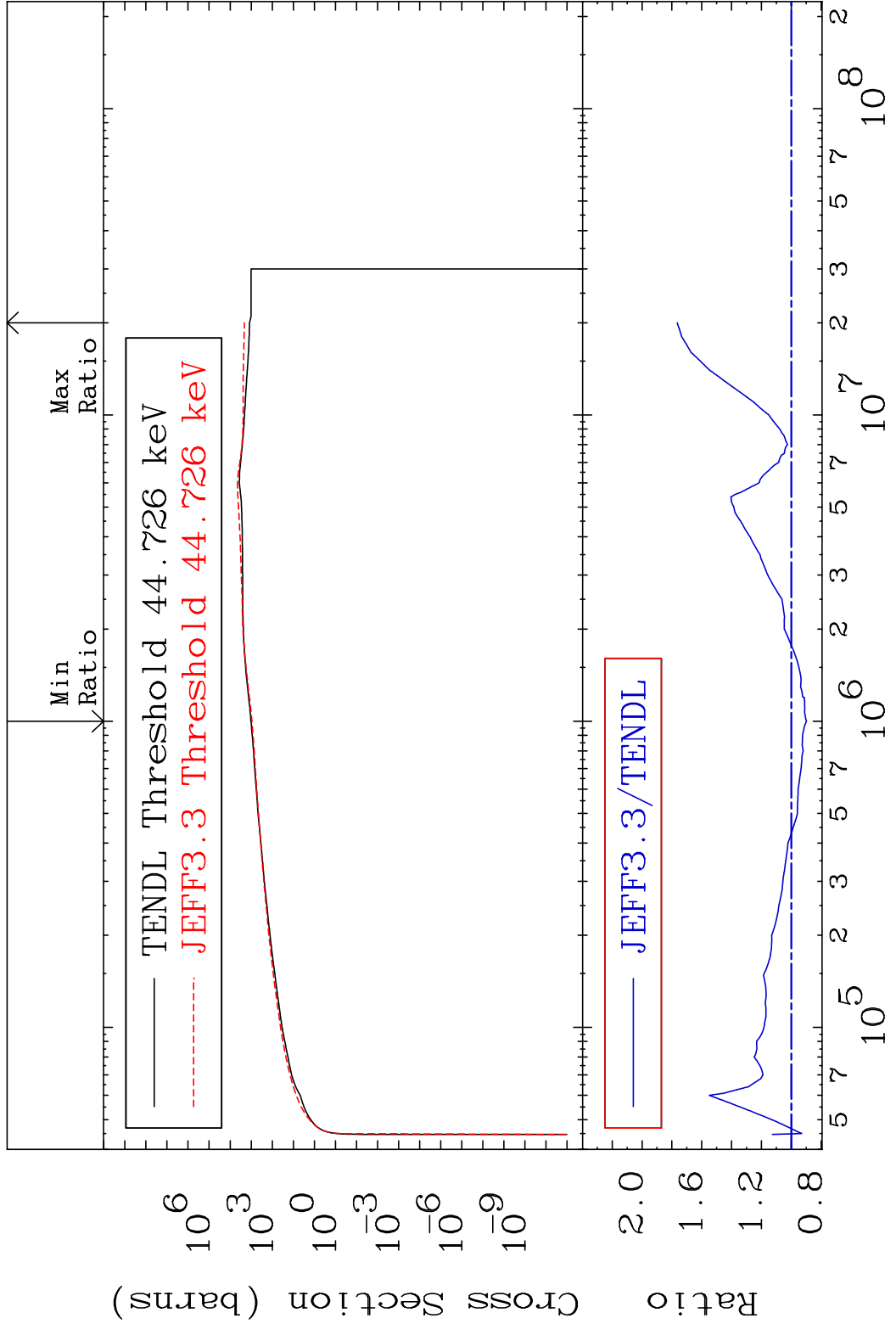
Dpa elastic (mt2)

94-Pu-242

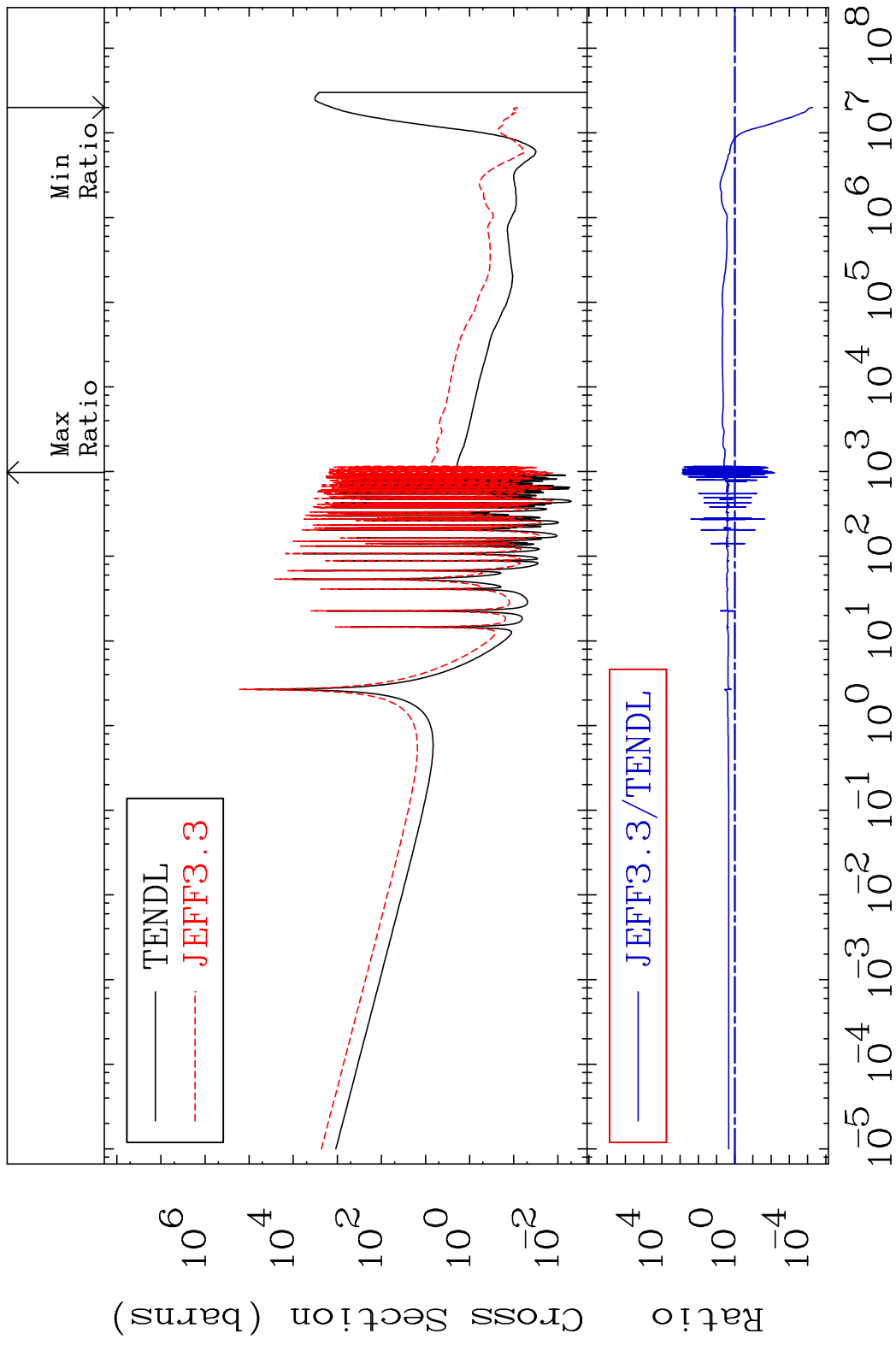
Cross Section -17.71 To 267.3 %



MAT 9446 Dpa inelastic (mt51-91) 94-Pu-242  
 Cross Section -10.10 To 76.45 %



MAT 9446 Dpa disappearance (mt102 -120) 94-Pu-242  
 Cross Section -99.99 To 9999. %



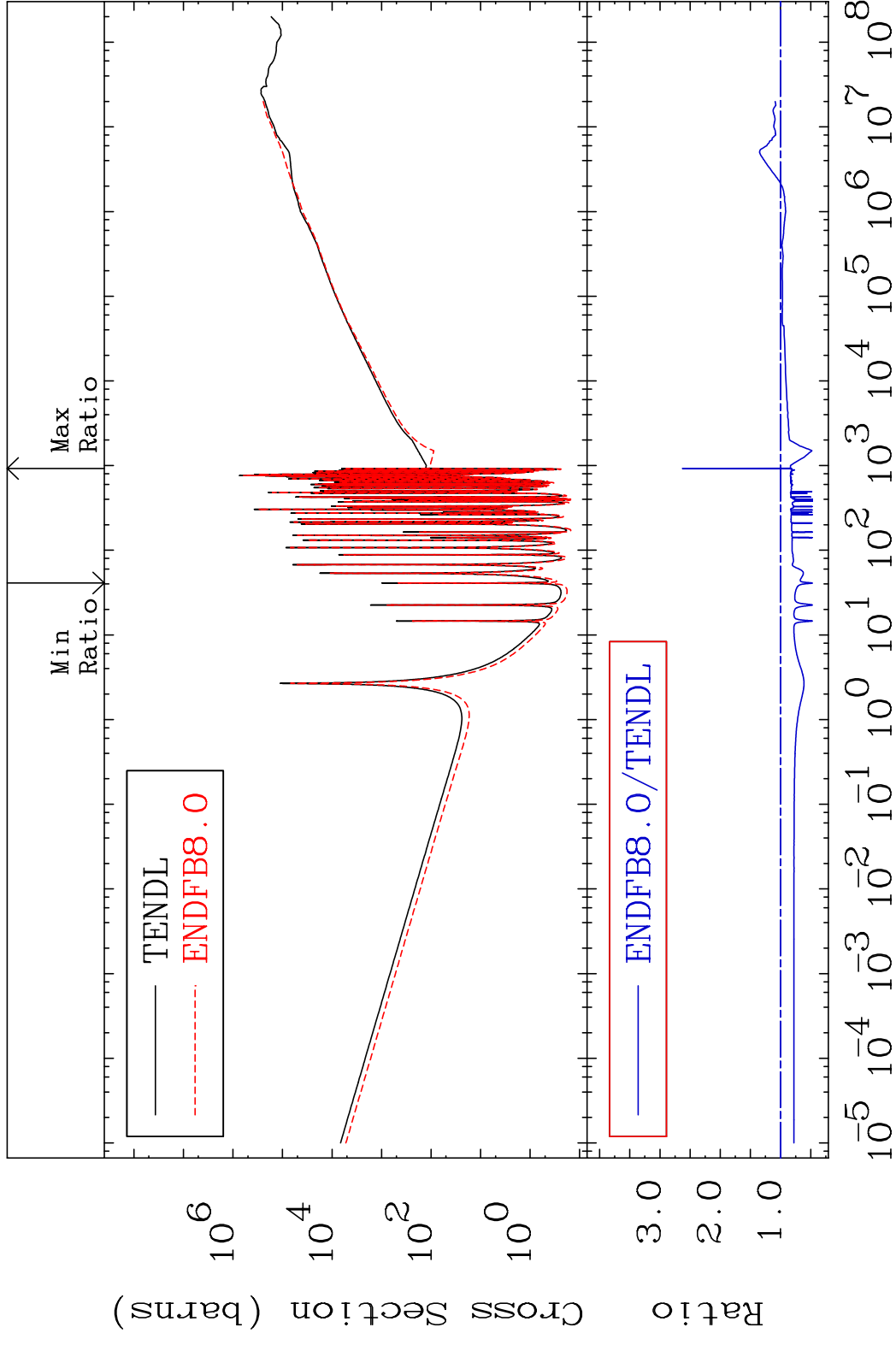
35 Incident Energy (eV) 94-Pu-242

MAT 9446

Dpa total (eV-barns)

94-Pu-242

Cross Section -53.08 To 162.8 %

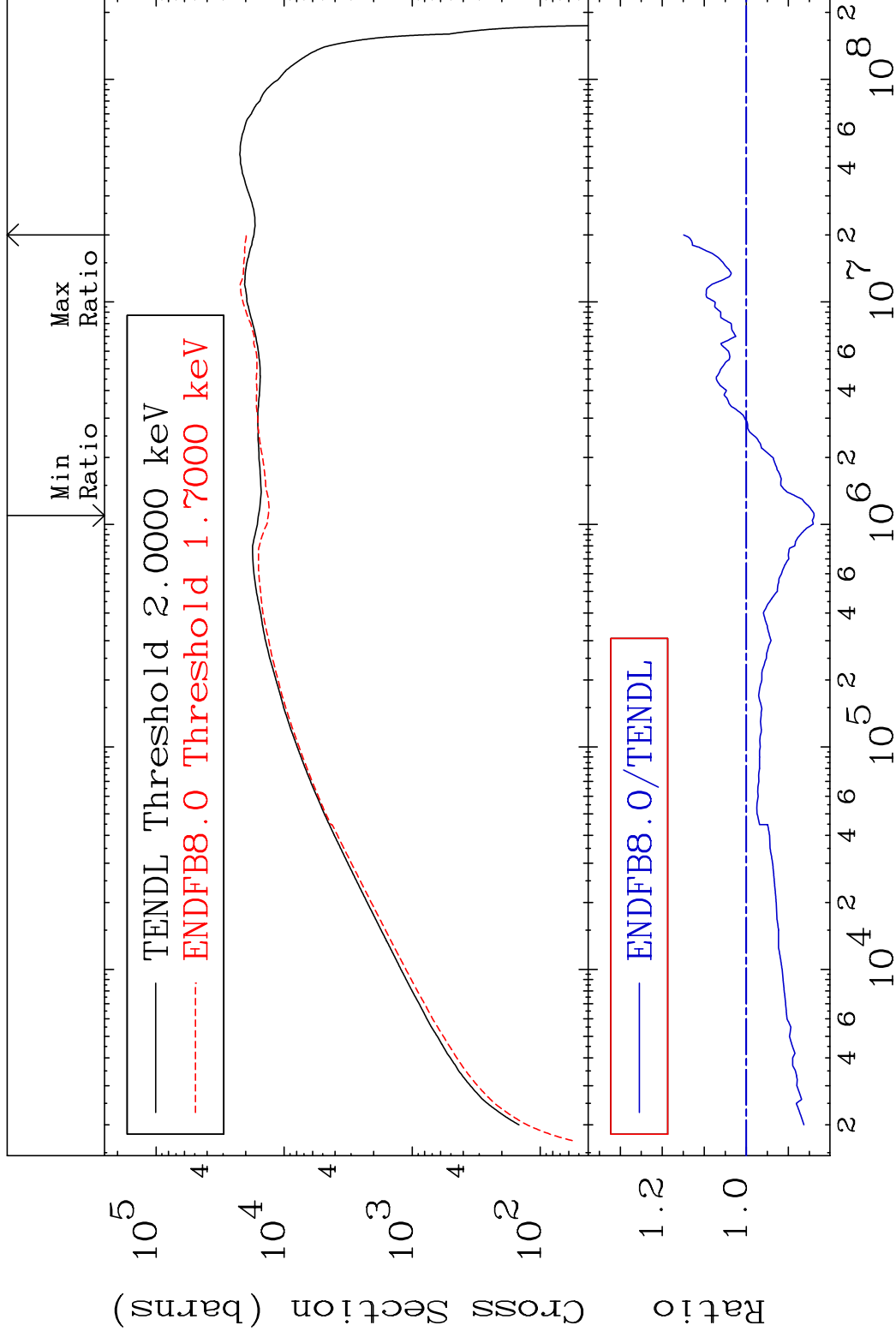


MAT 9446

Dpa elastic (mt2)

94-Pu-242

Cross Section -16.14 To 14.92 %

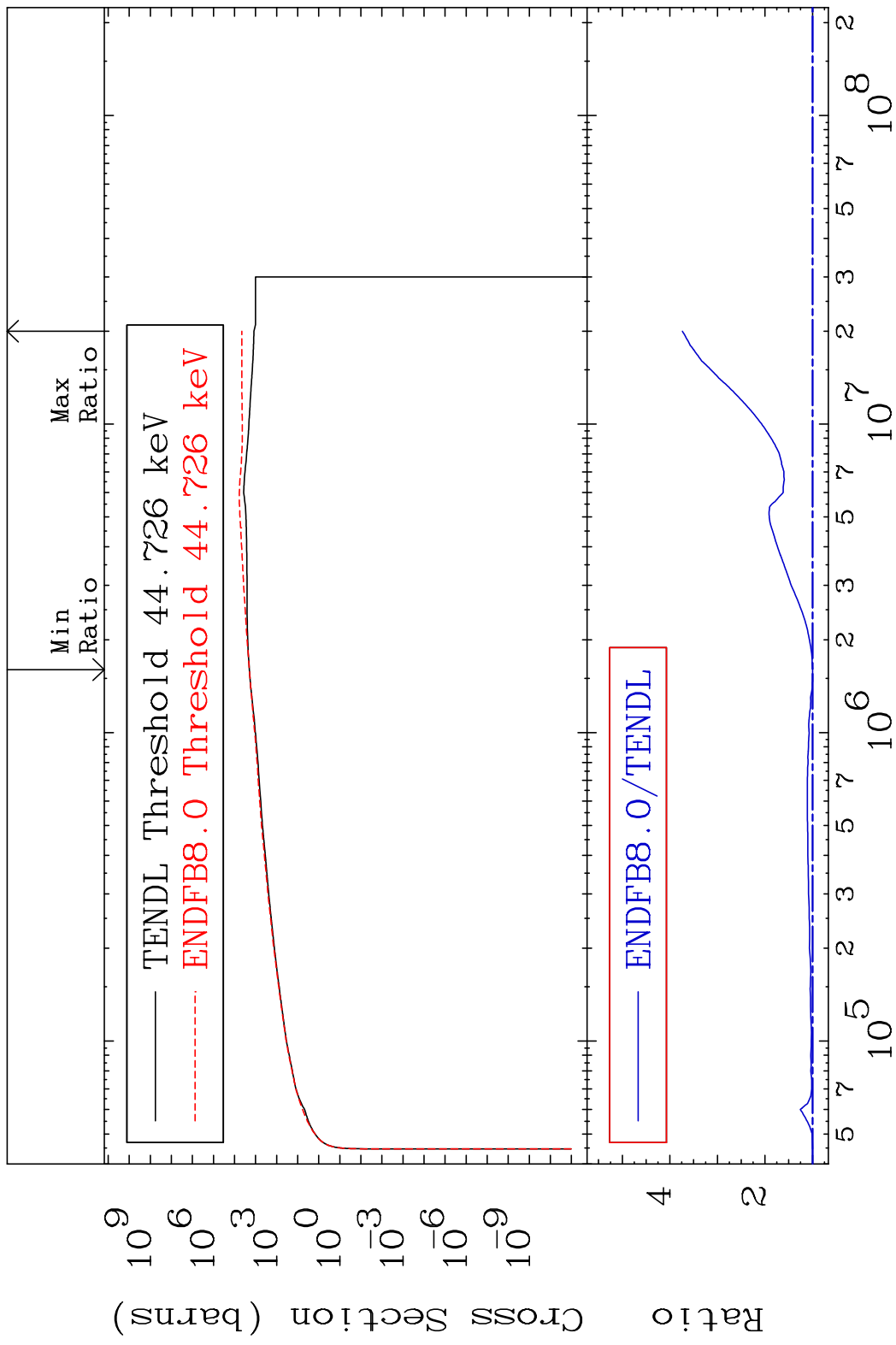


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Incident Energy (eV)

94-Pu-242

MAT 9446 Dpa inelastic (mt51-91) 94-Pu-242  
 Cross Section -0.119 To 273.8 %



MAT 9446 Dpa disappearance (mt102 -120) 94-Pu-242  
 Cross Section -99.99 To 28.49 %

