

Program Complot  
(Version 2021-1)

by

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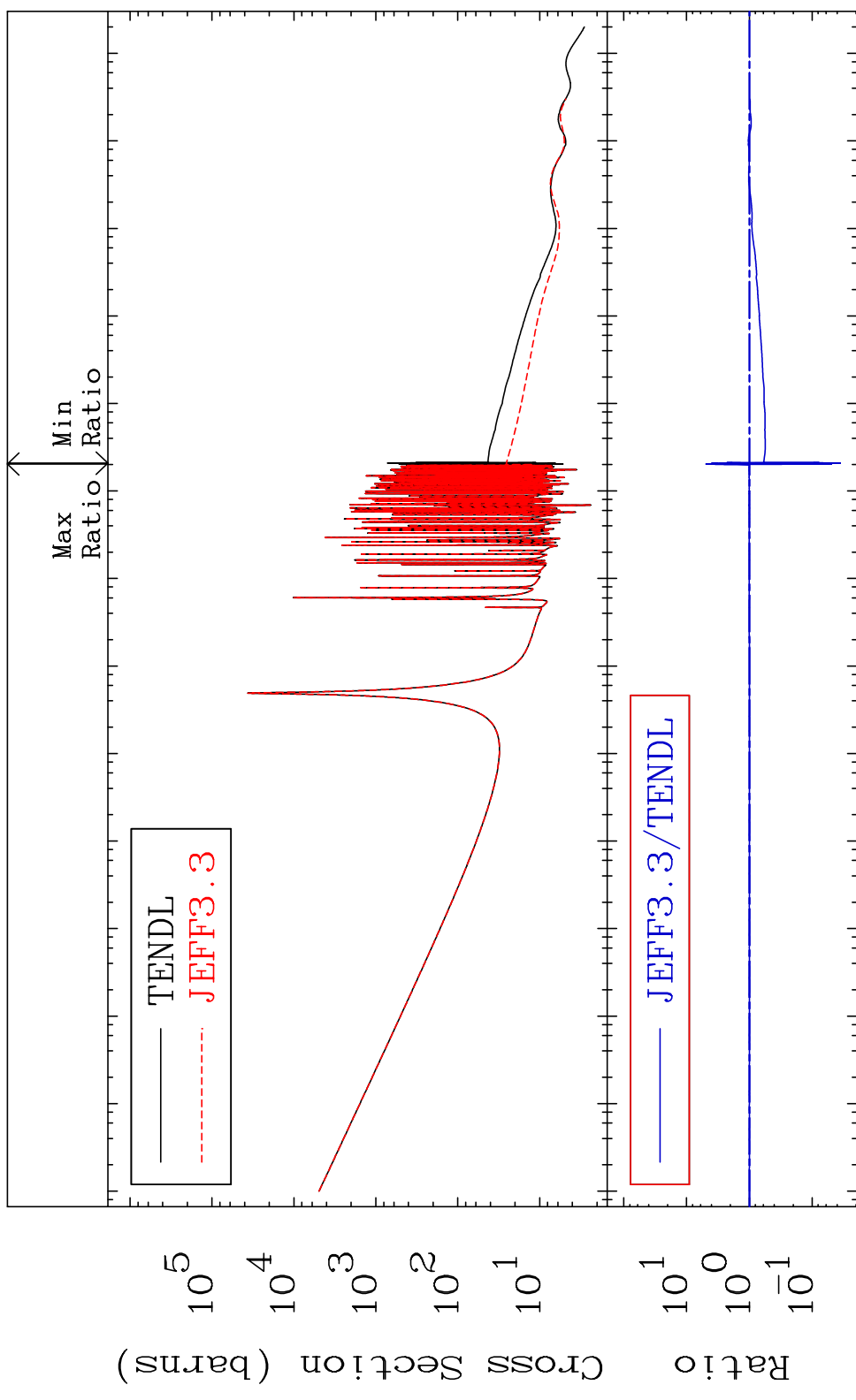
Press Mouse Button to Start

MAT 7925

Total

79-Au-197

Cross Section -96.46 To 394.5 %



1

Incident Energy (eV)

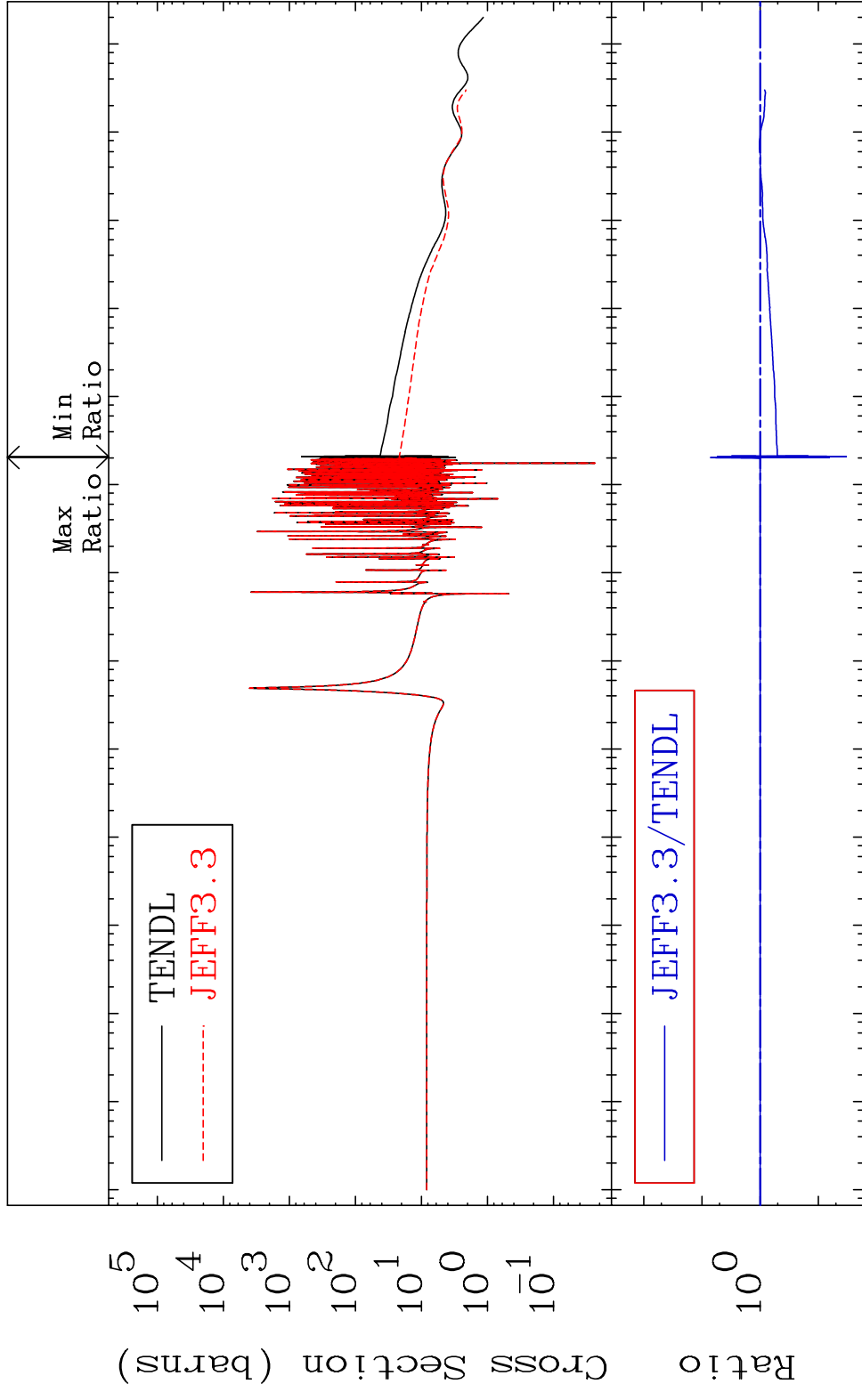
79-Au-197

MAT 7925

Elastic

79-Au-197

Cross Section -96.70 To 608.2 %



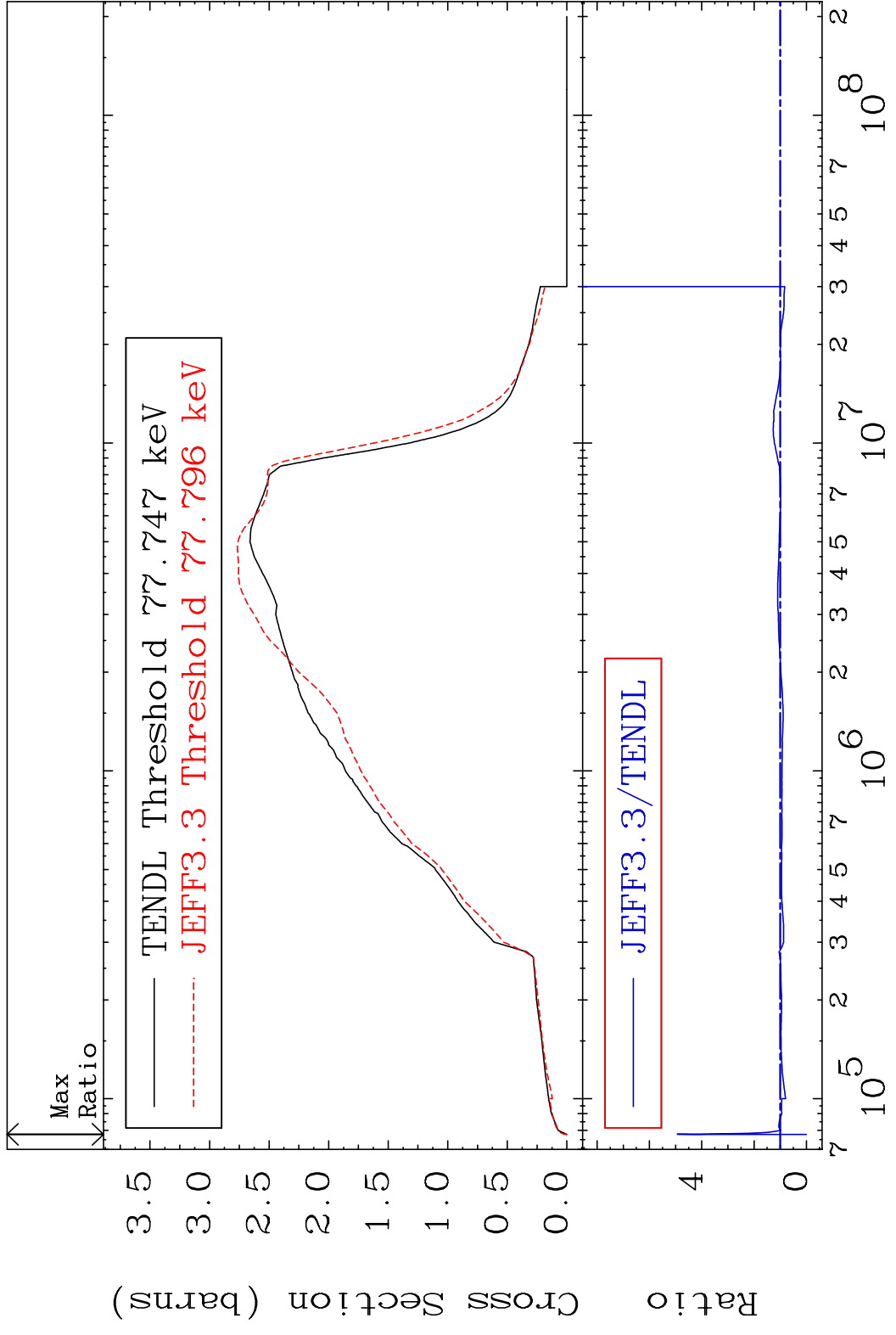
Cross Section (barns)  
Ratio

Incident Energy (eV)

2

79-Au-197

MAT 7925                      Inelastic                      79-Au-197  
 Cross Section                      -100.0 To 393.9 %



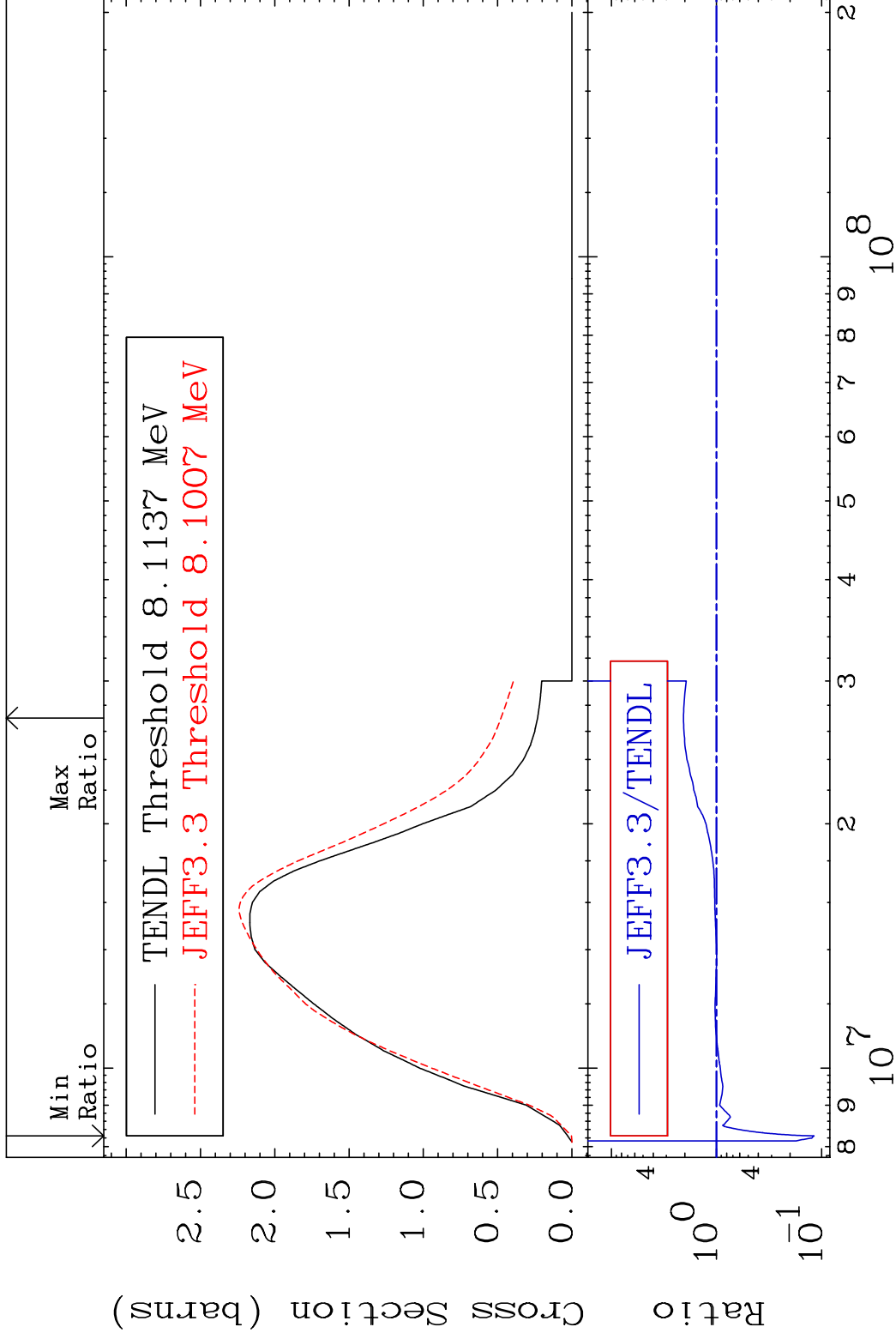
3                      Incident Energy (eV)                      79-Au-197

MAT 7925

(n,2n)

79-Au-197

Cross Section -88.18 To 106.3 %



4

Incident Energy (eV)

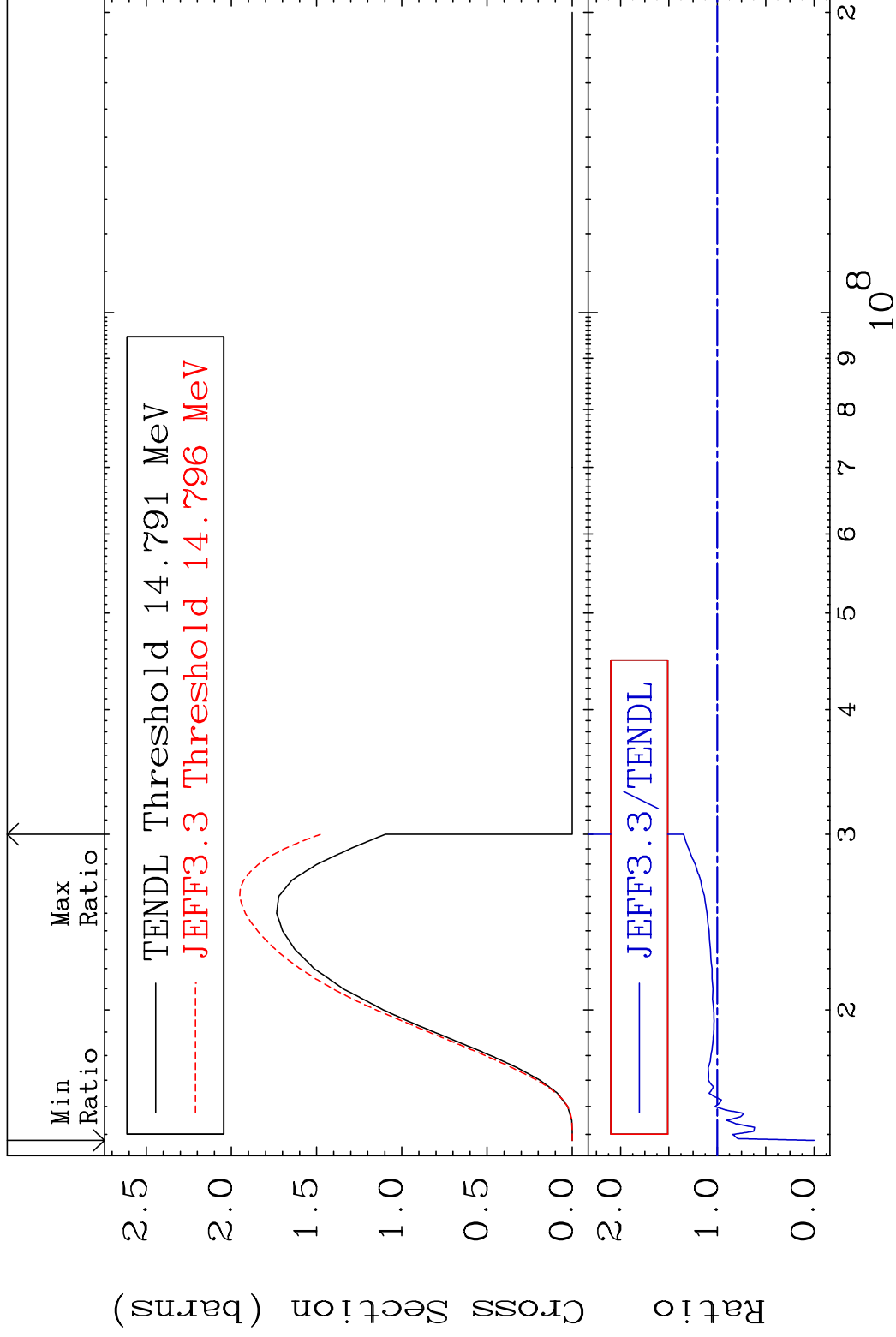
79-Au-197

MAT 7925

(n,3n)

79-Au-197

Cross Section -100.0 To 34.80 %



5

Incident Energy (eV)

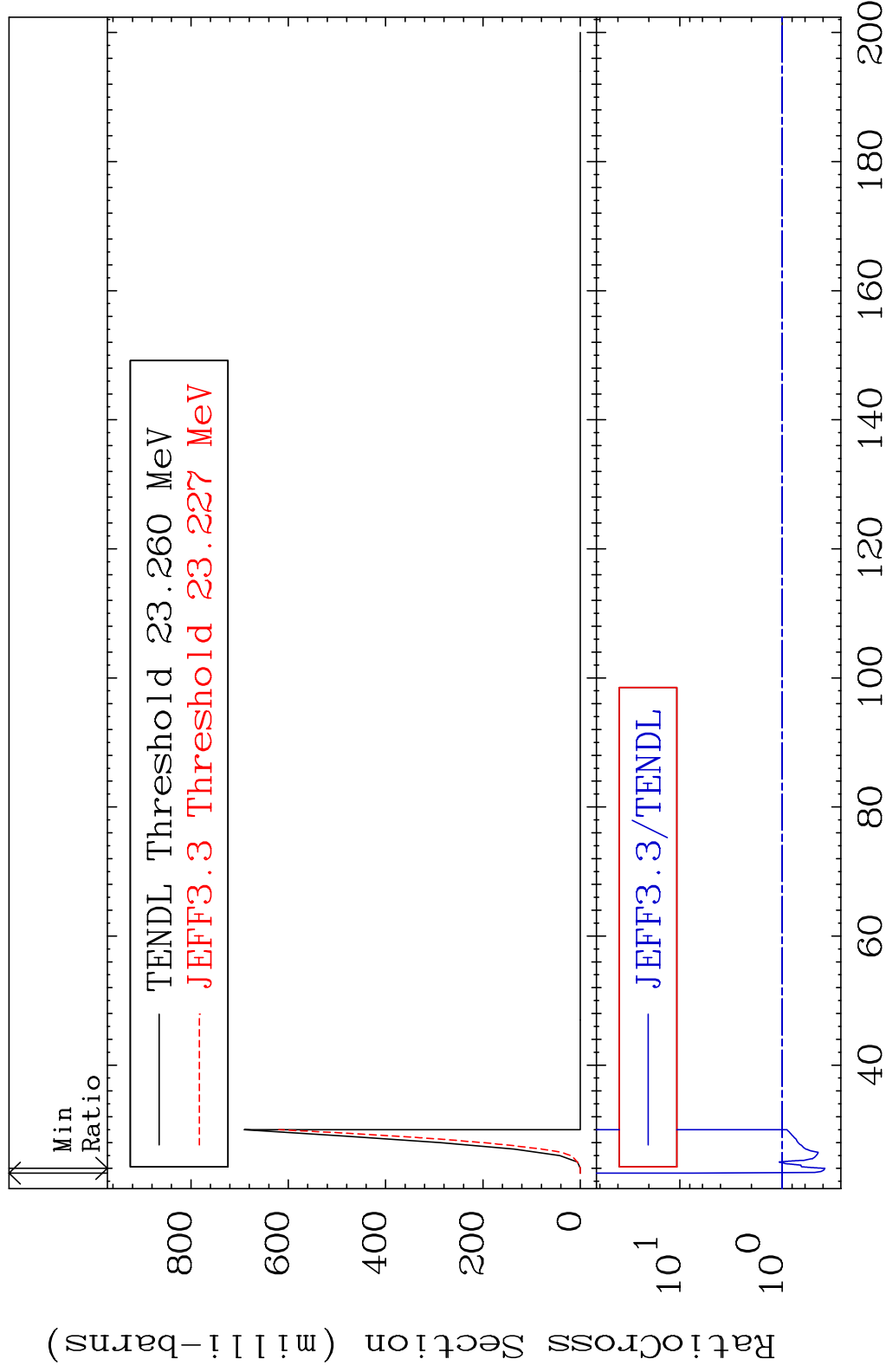
79-Au-197

MAT 7925

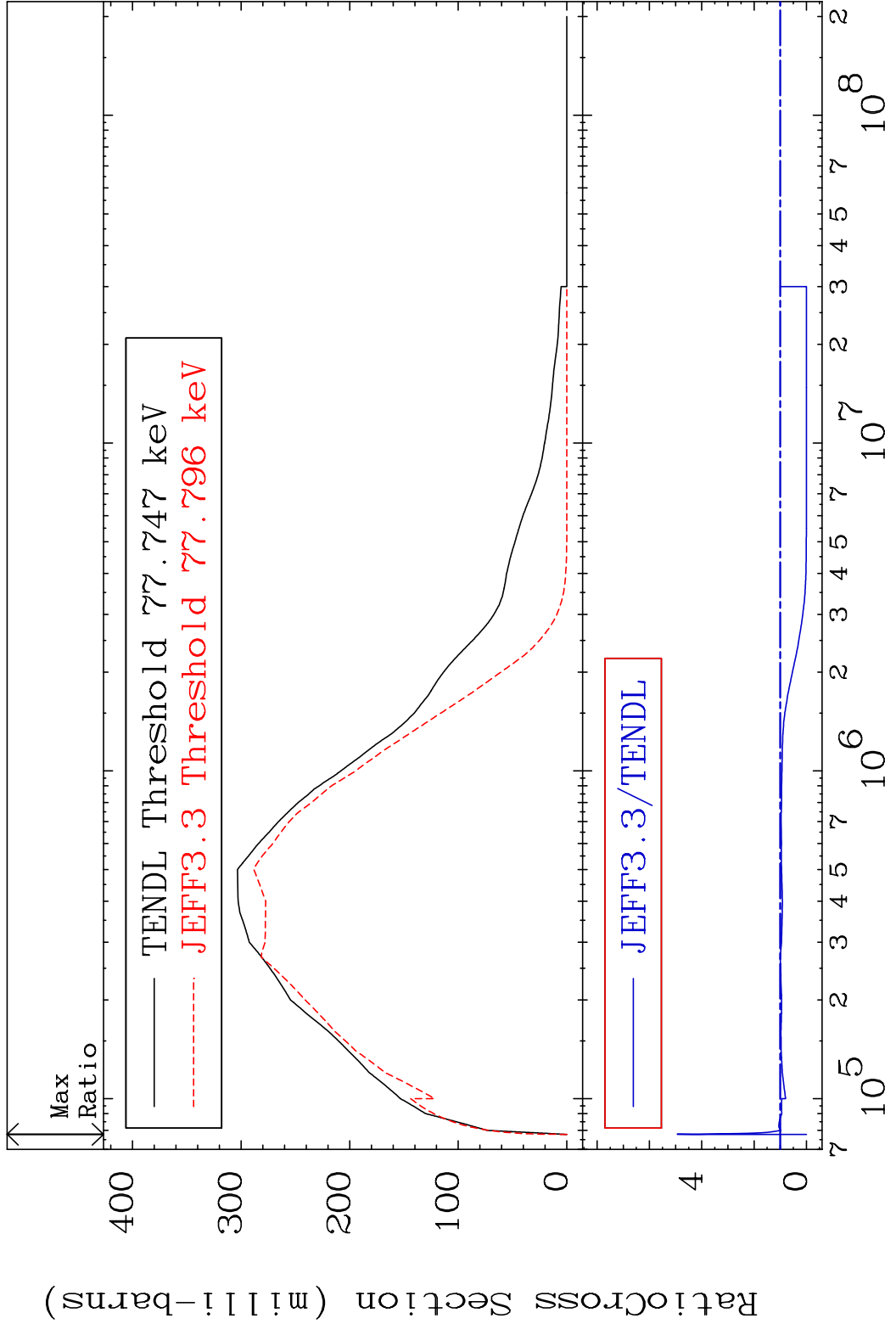
(n, 4n)

79-Au-197

Cross Section -61.63 To 642.9 %



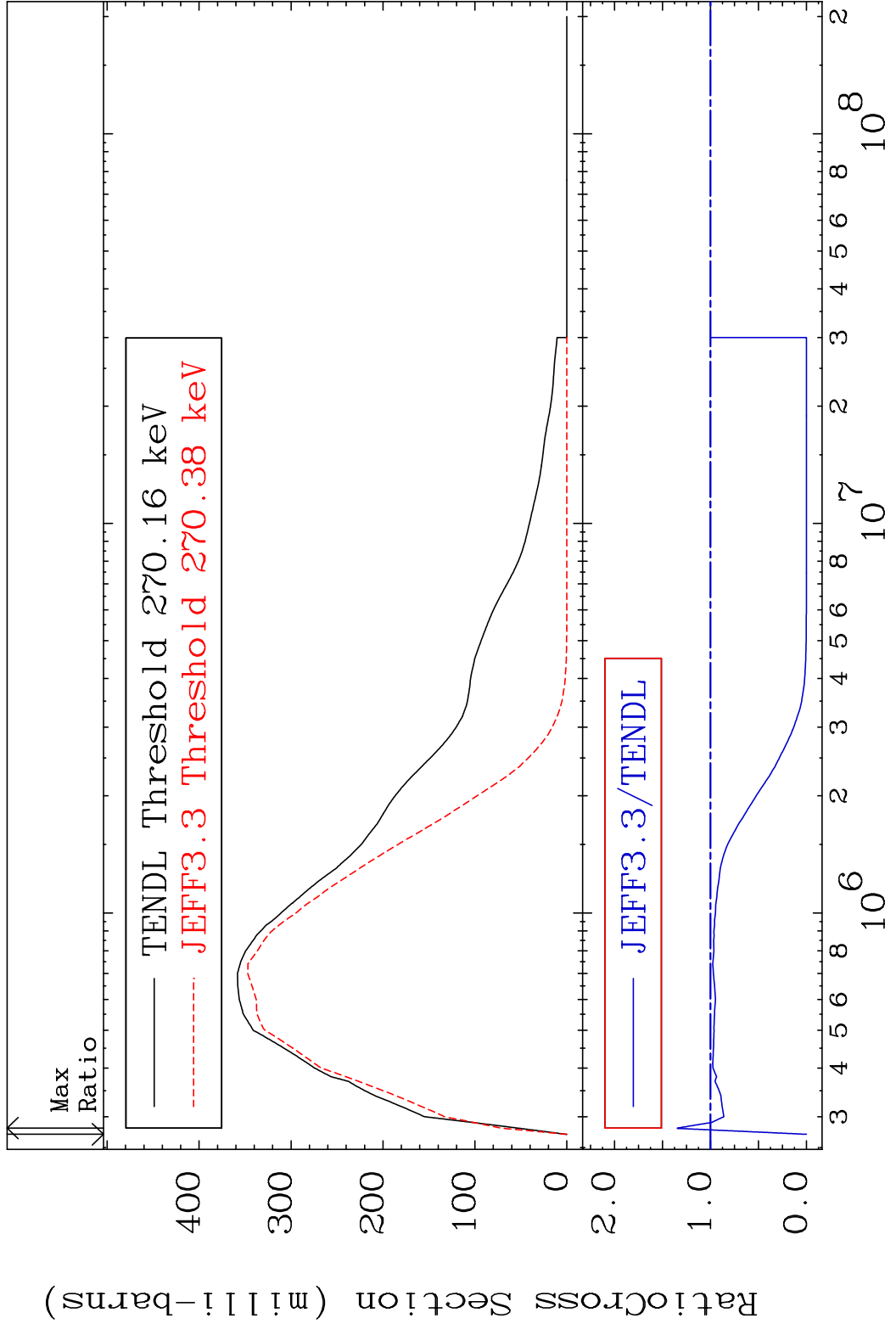
MAT 7925 MT= 51 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 393.9 %



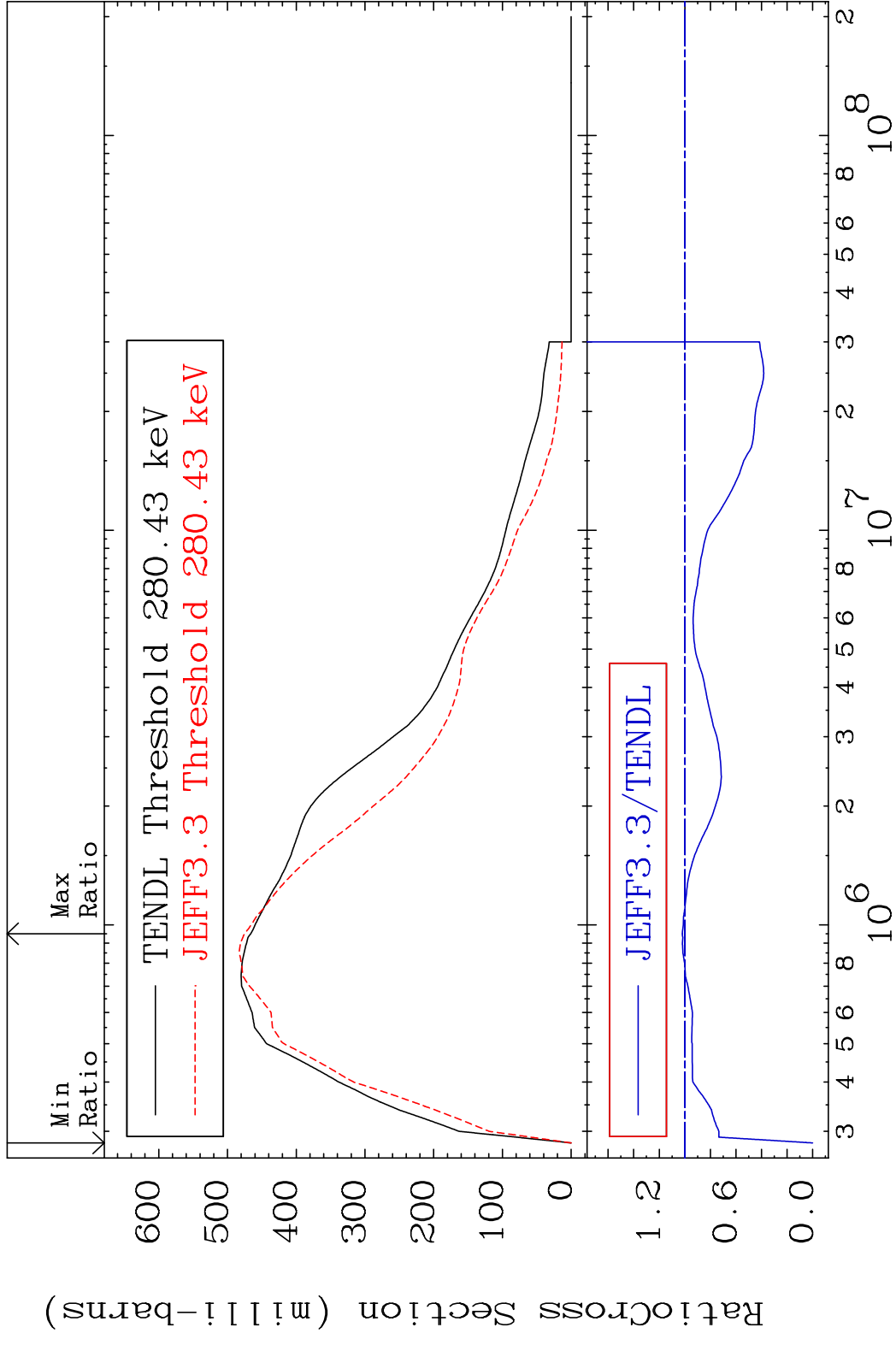
79-Au-197



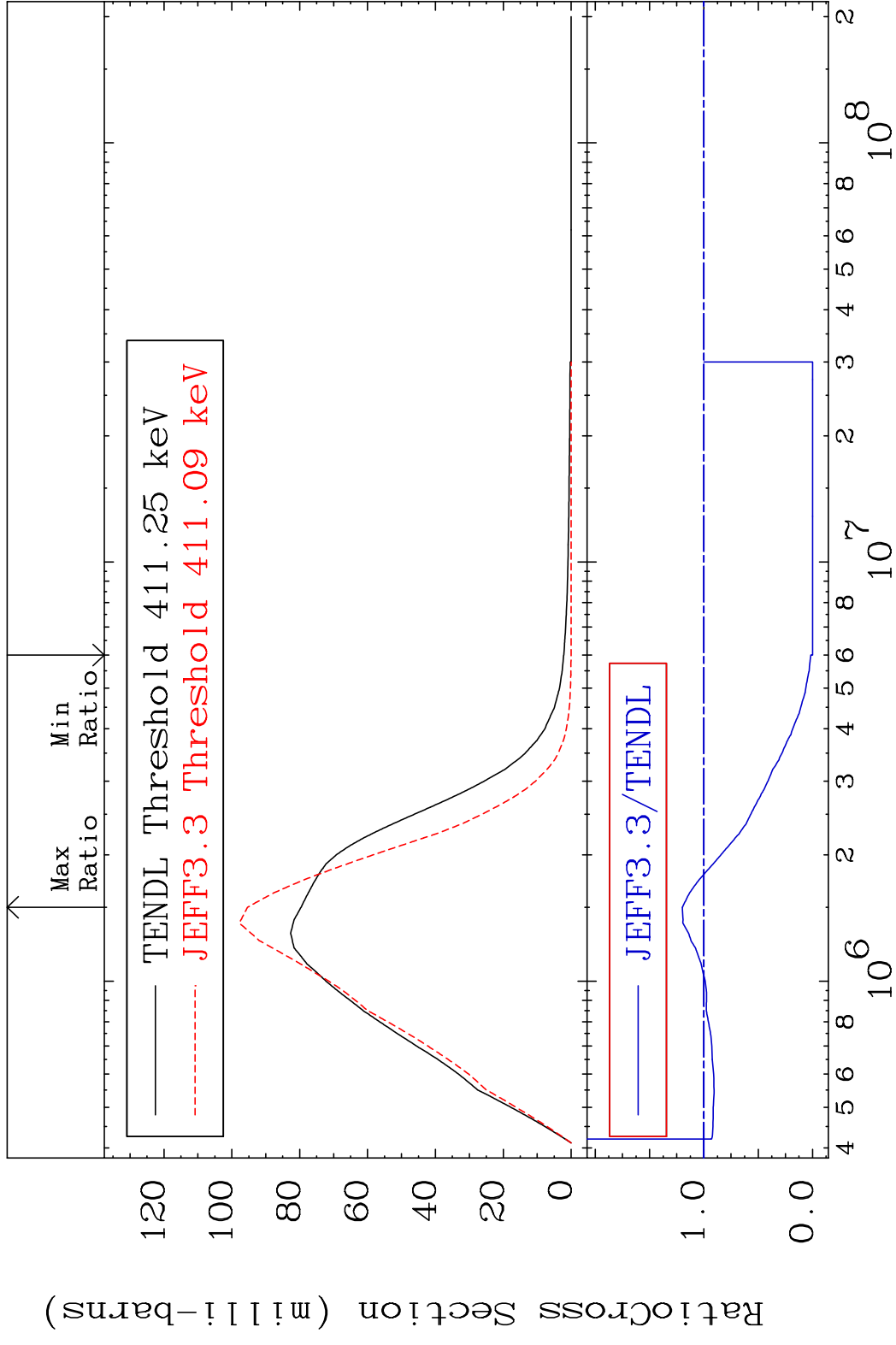
MAT 7925 MT= 52 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 34.65 %



MAT 7925 MT= 53 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 1.912 %

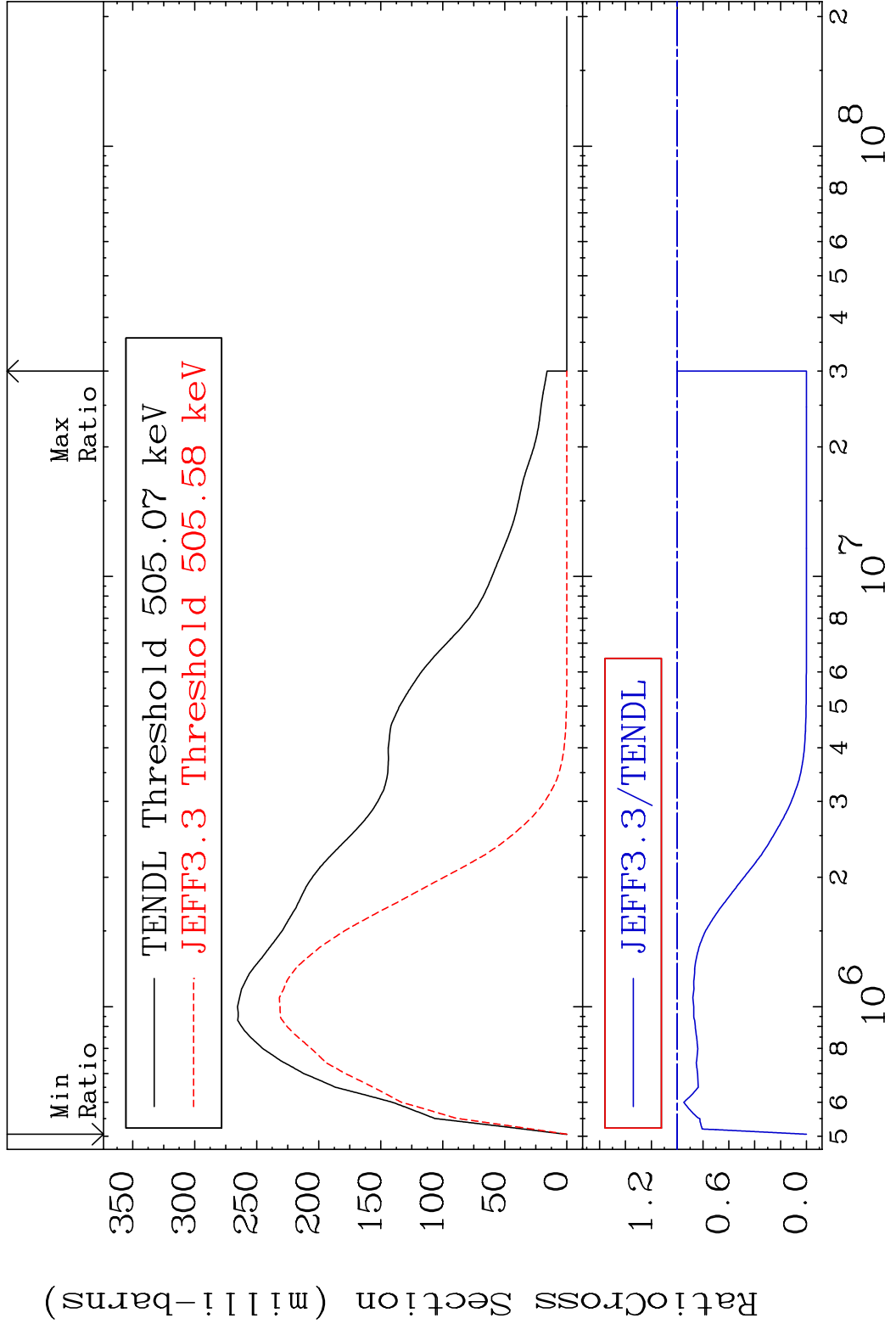


MAT 7925 MT= 54 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 19.83 %

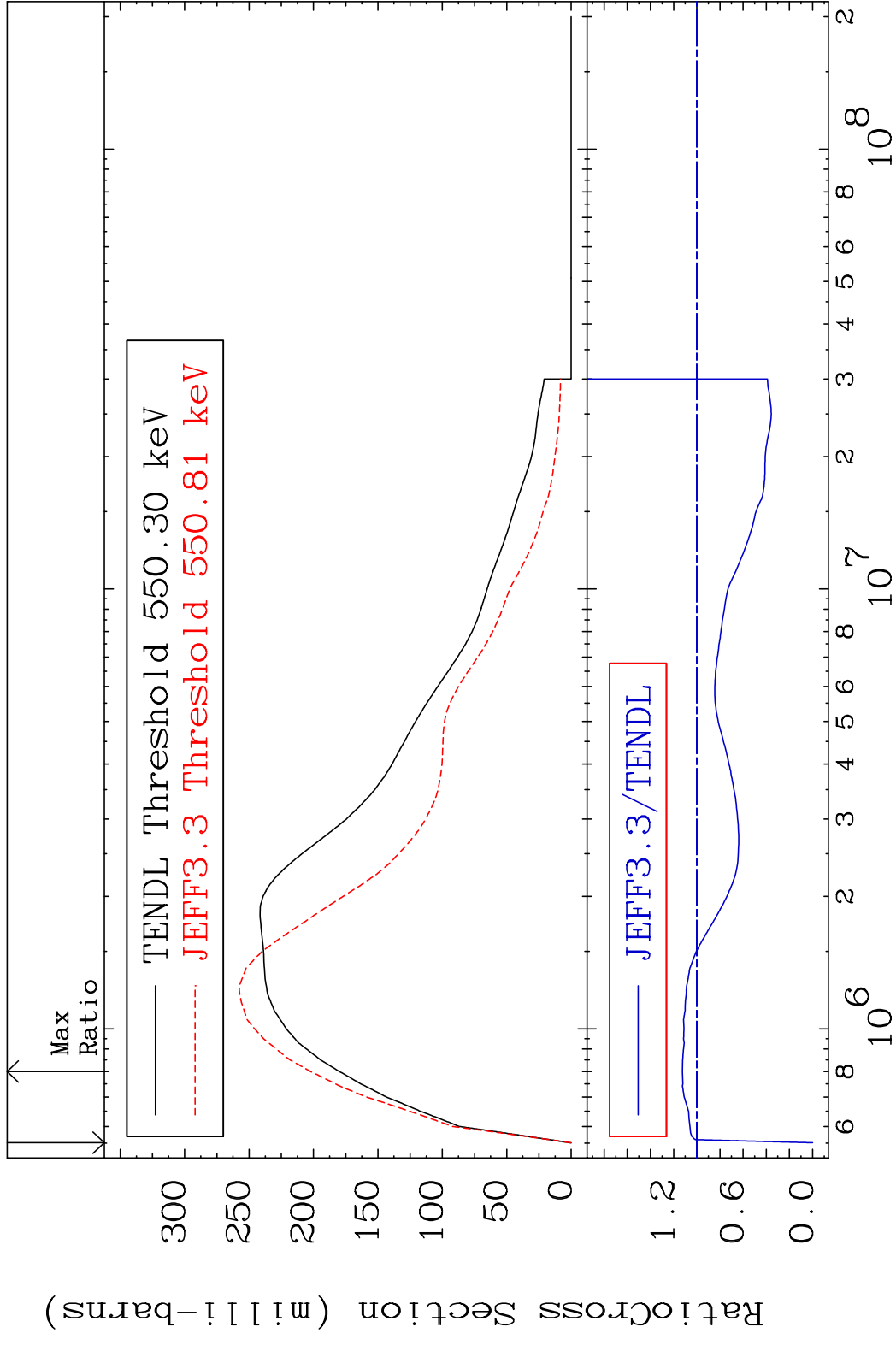


10 Incident Energy (eV) 79-Au-197

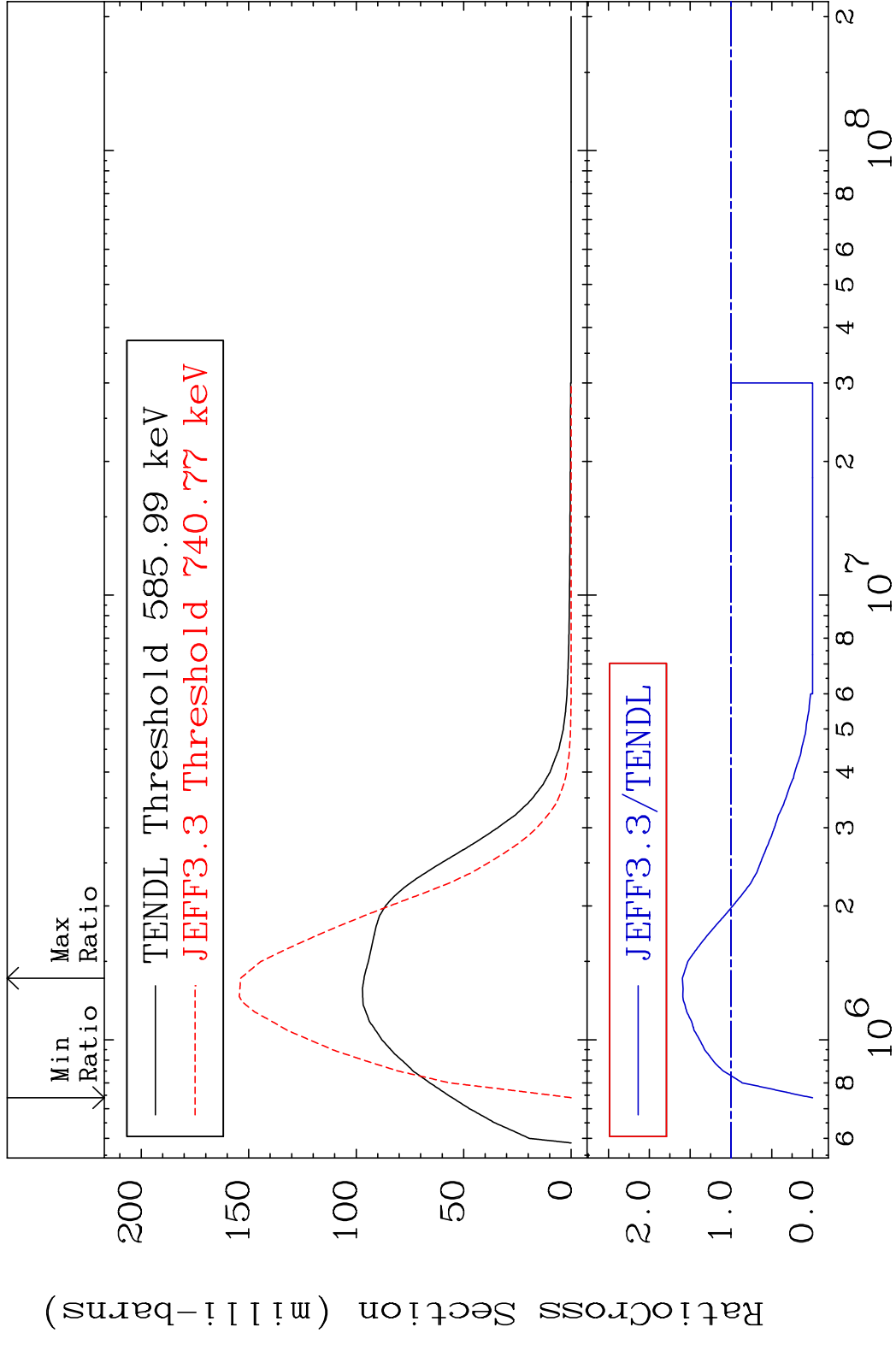
MAT 7925 MT= 55 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 0.000 %



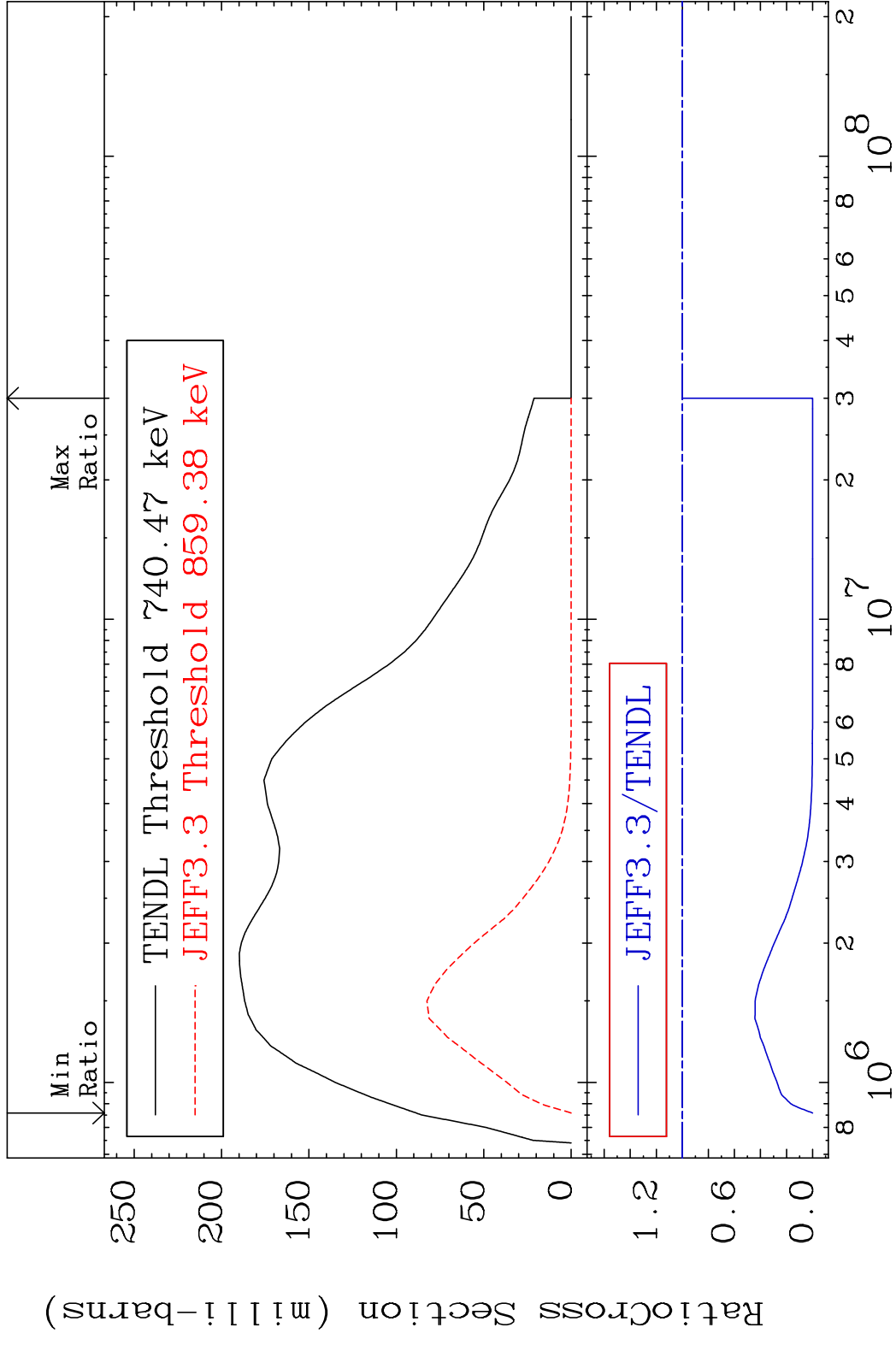
MAT 7925 MT= 56 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 12.45 %



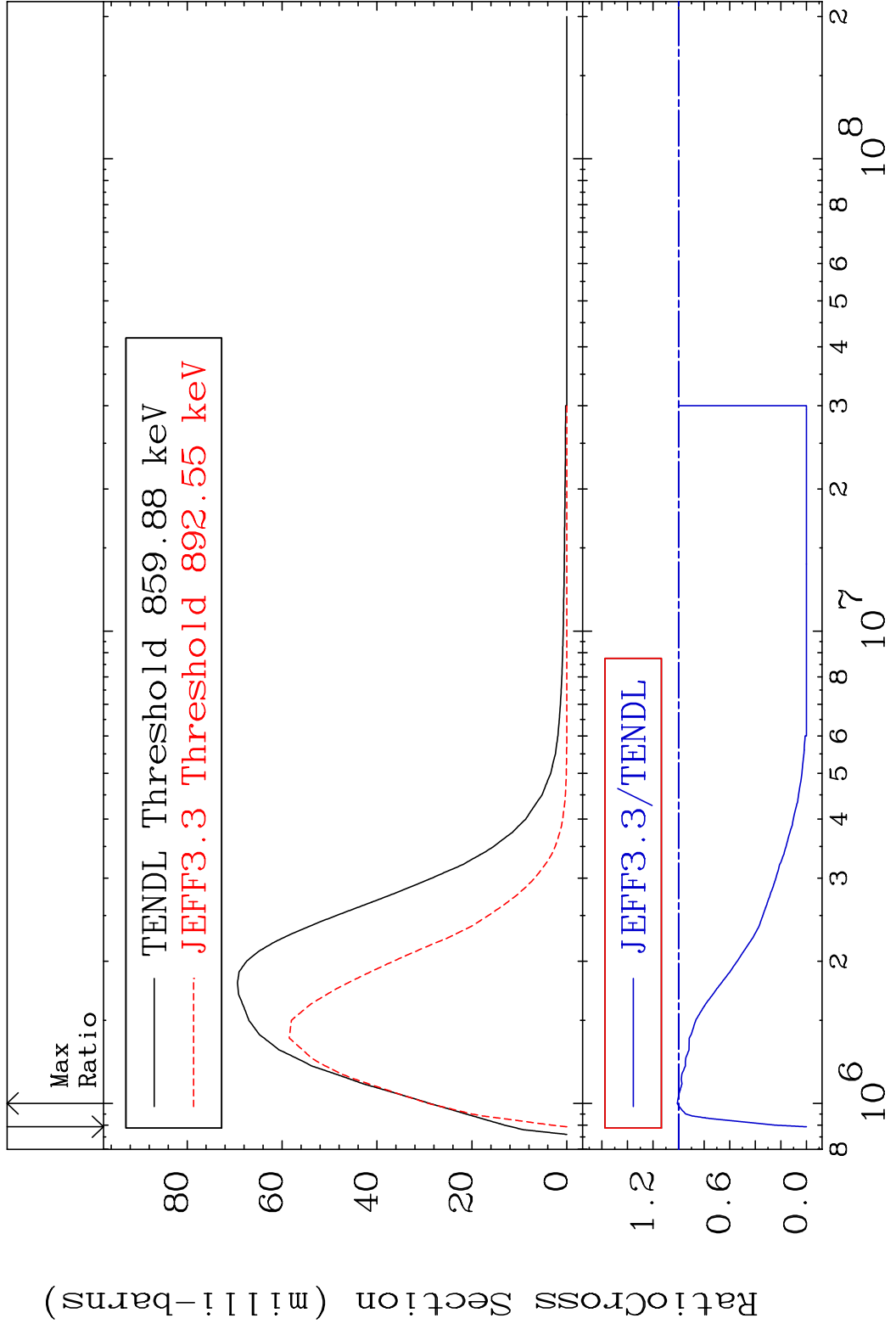
MAT 7925 MT= 57 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 59.61 %



MAT 7925 MT= 58 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 0.000 %

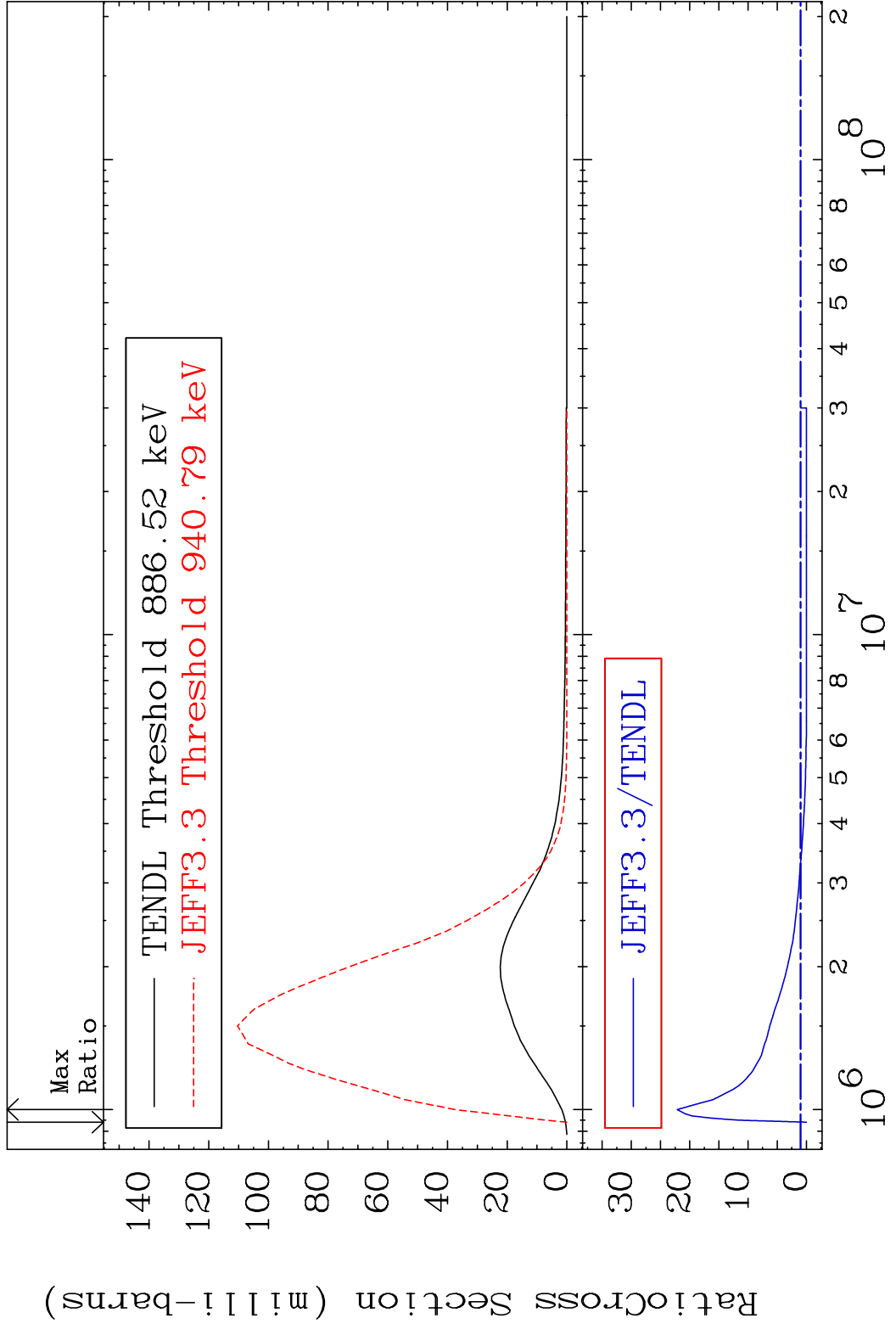


MAT 7925 MT= 59 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 1.096 %

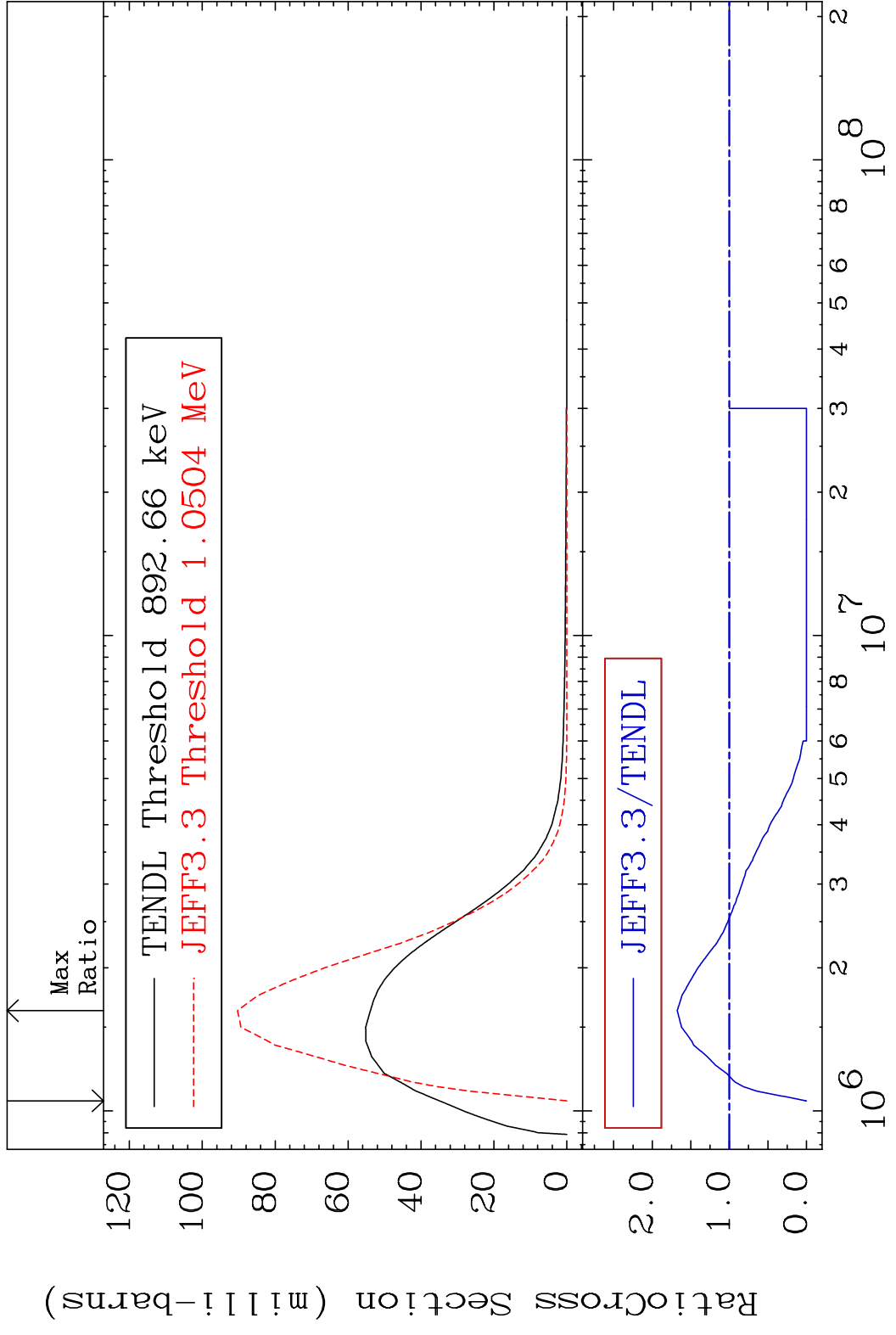




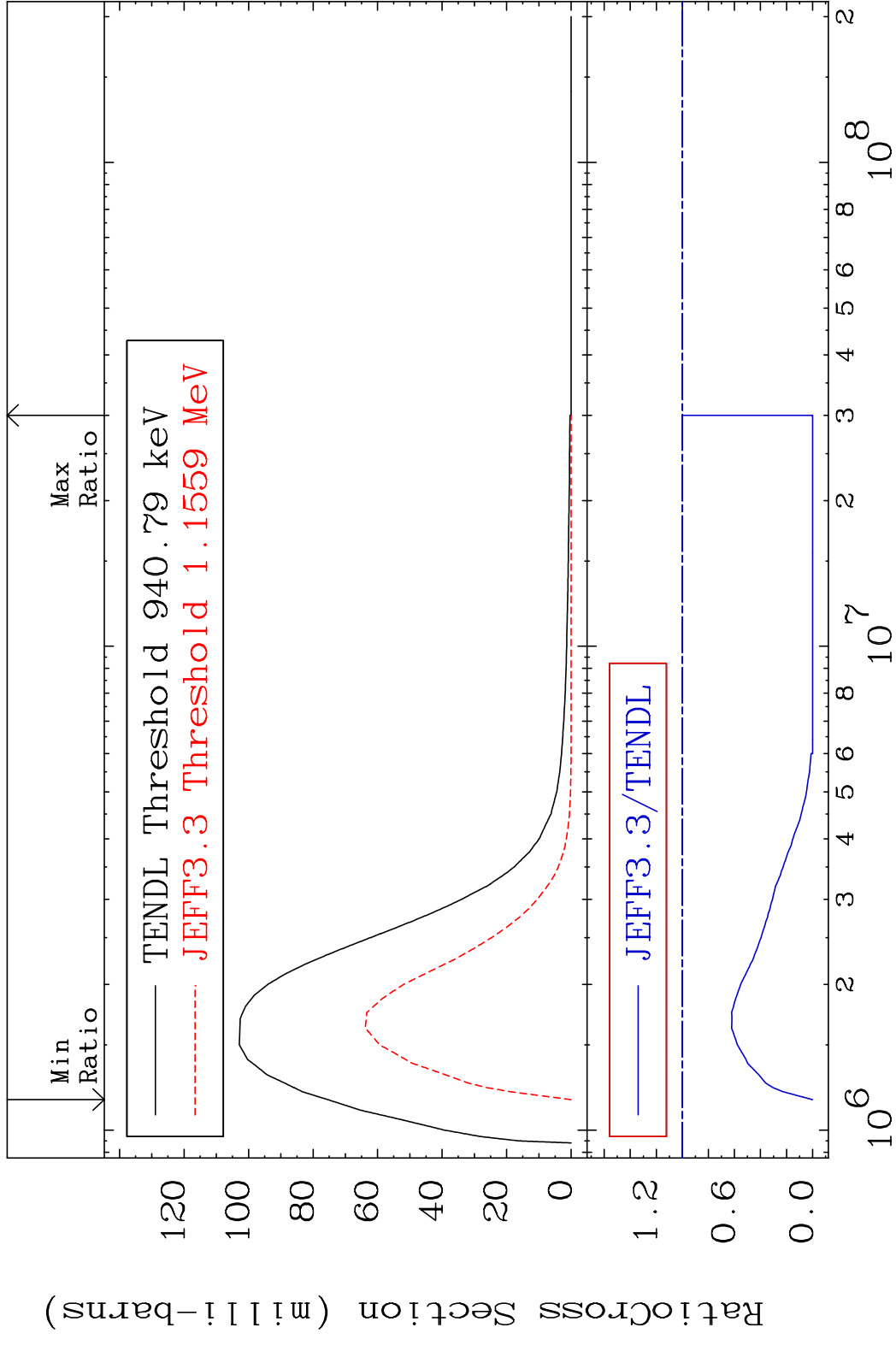
MAT 7925 MT= 60 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 2114. %



MAT 7925 MT= 61 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 67.66 %

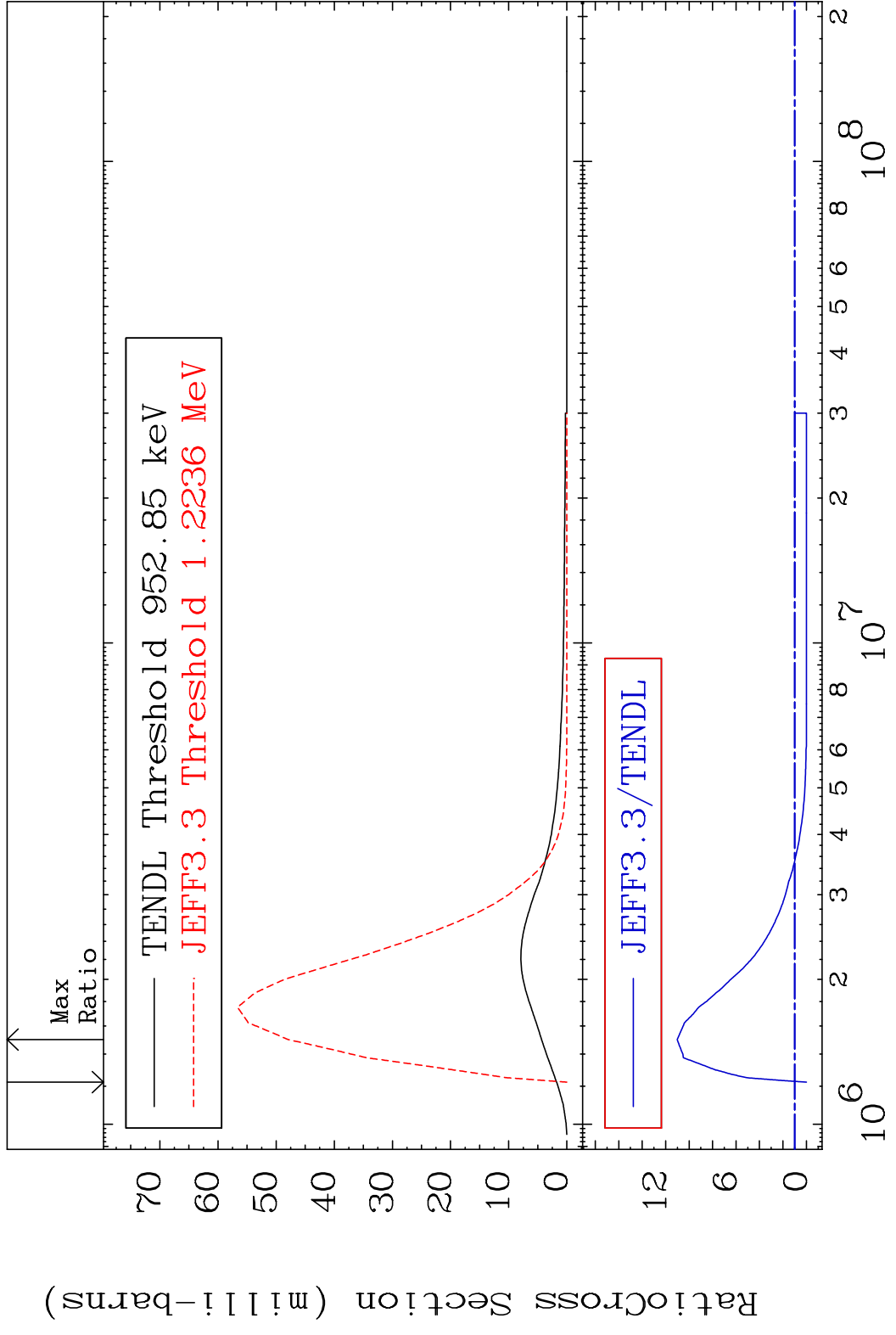


MAT 7925 MT= 62 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 0.000 %



18 Incident Energy (eV) 79-Au-197

MAT 7925 MT= 63 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 1002. %



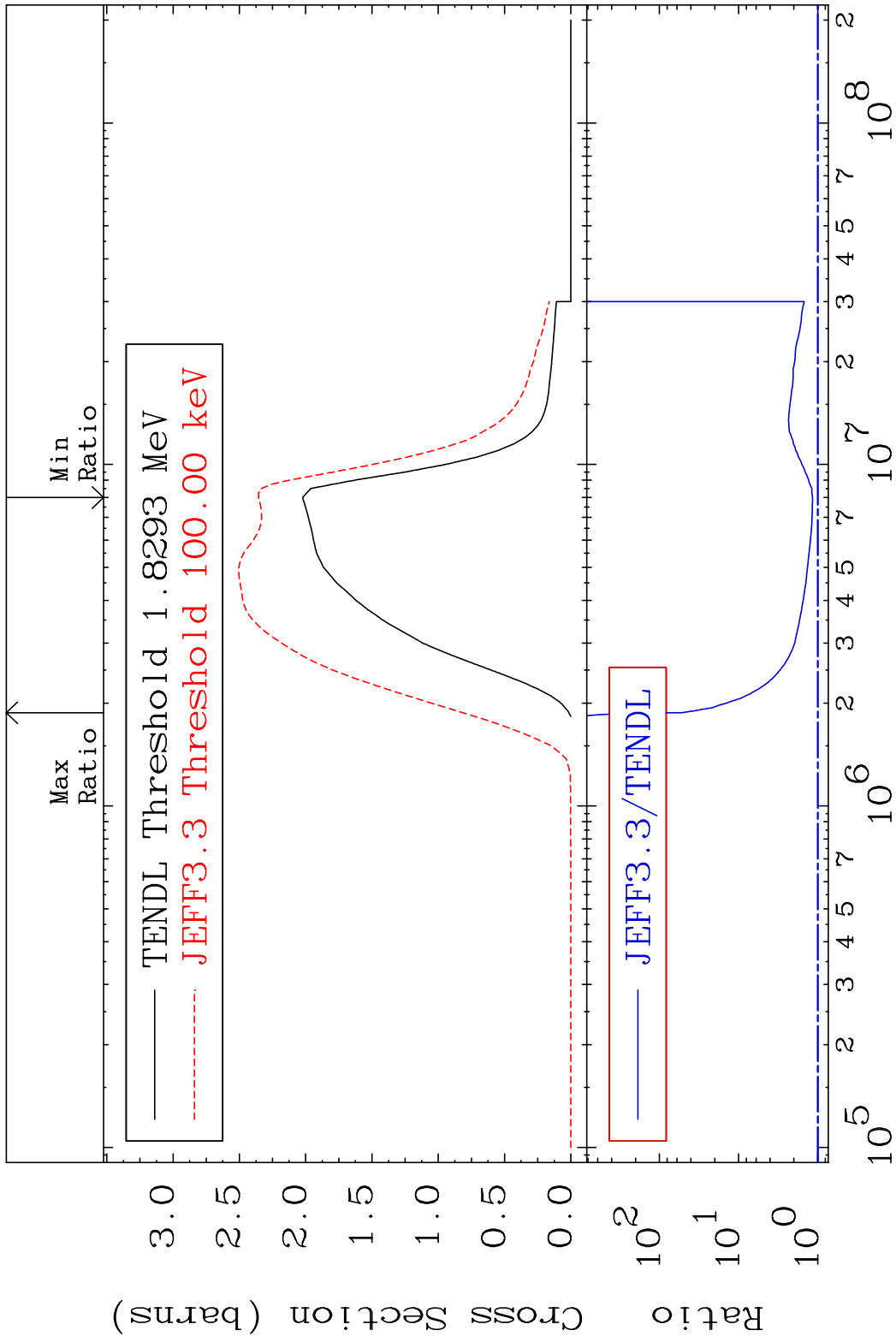
19 Incident Energy (eV) 79-Au-197

MAT 7925

(n, n') Continuum

79-Au-197

Cross Section 16.40 To 5058. %



20

Incident Energy (eV)

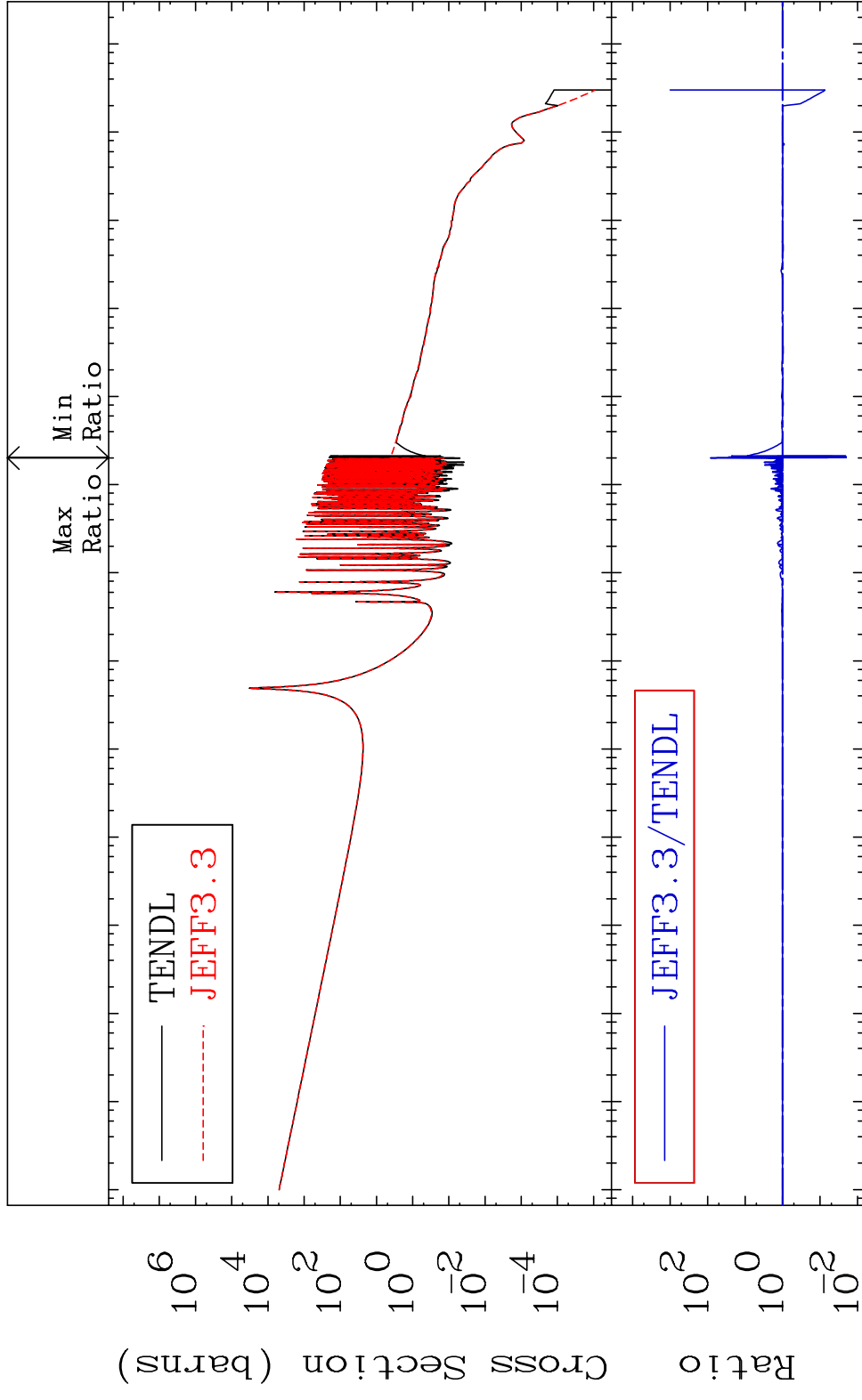
79-Au-197

MAT 7925

79-Au-197

(n,  $\gamma$ )

Cross Section -98.00 To 8145. %

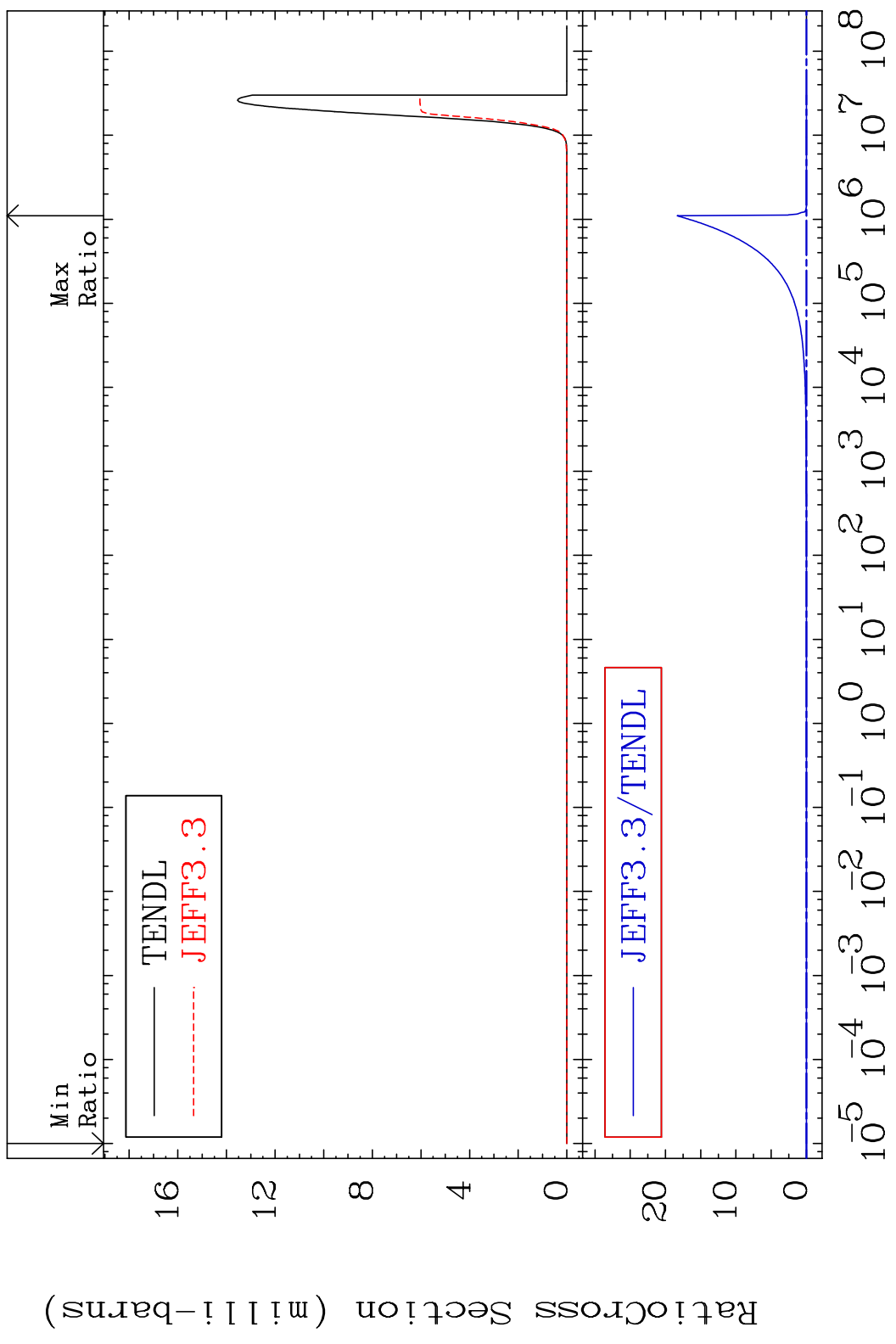


MAT 7925

(n, p)

79-Au-197

Cross Section -100.0 To 9999. %

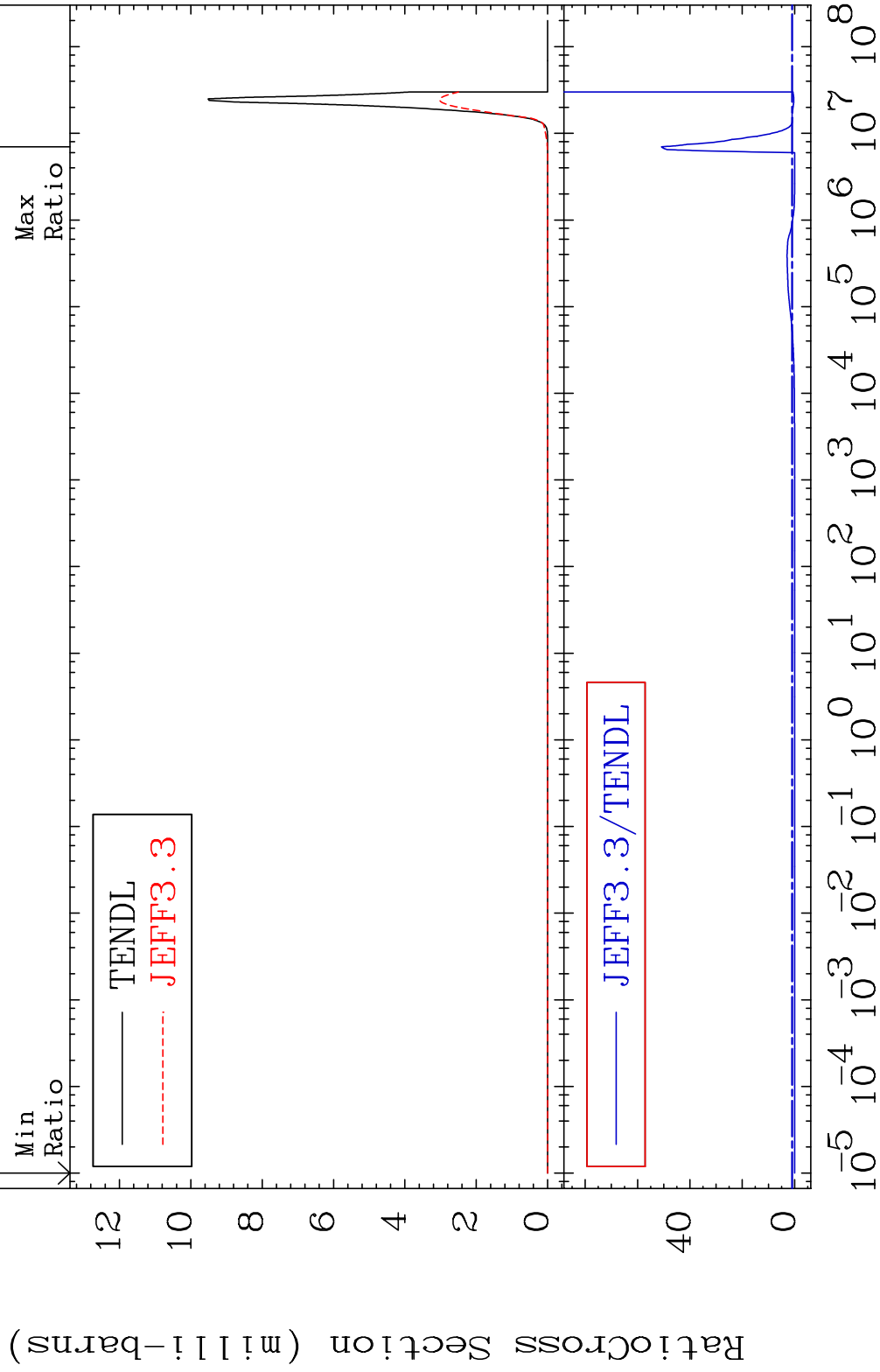


MAT 7925

(n,  $\alpha$ )

79-Au-197

Cross Section -100.0 To 4989. %



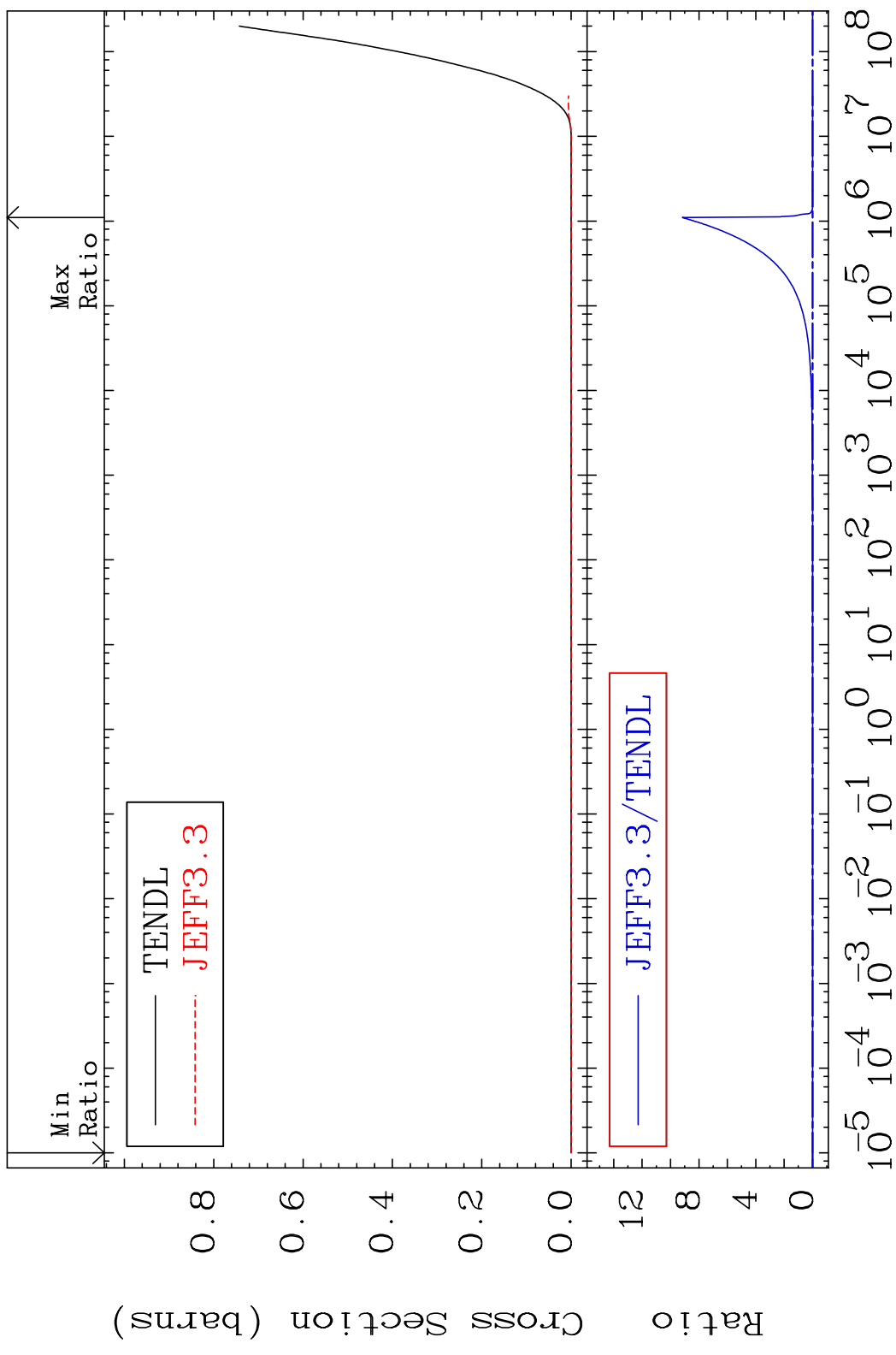
23

Incident Energy (eV)

79-Au-197



Cross Section -100.0 To 9999. %

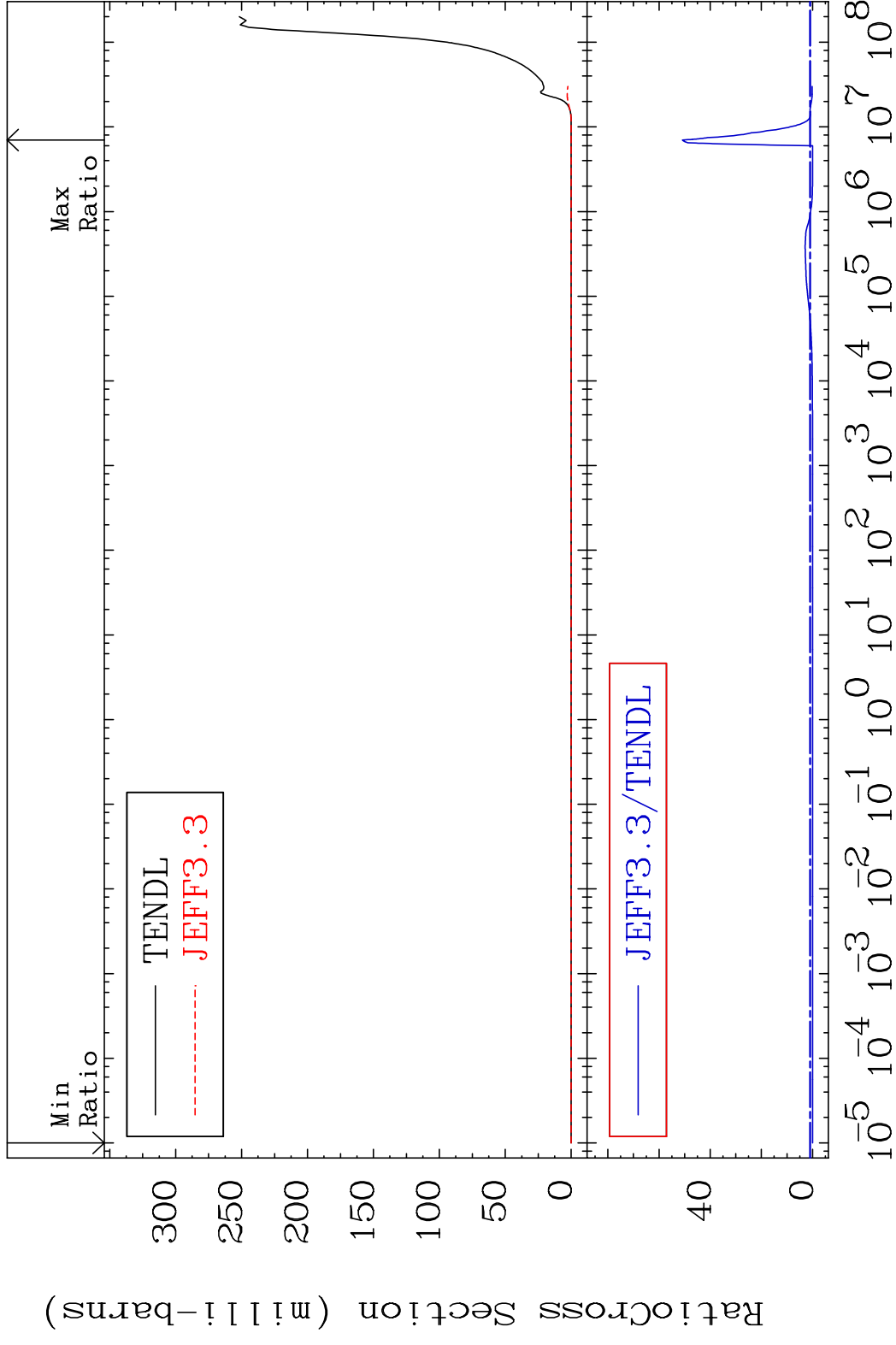


MAT 7925

He-4 Production

79-Au-197

Cross Section -100.0 To 4989. %

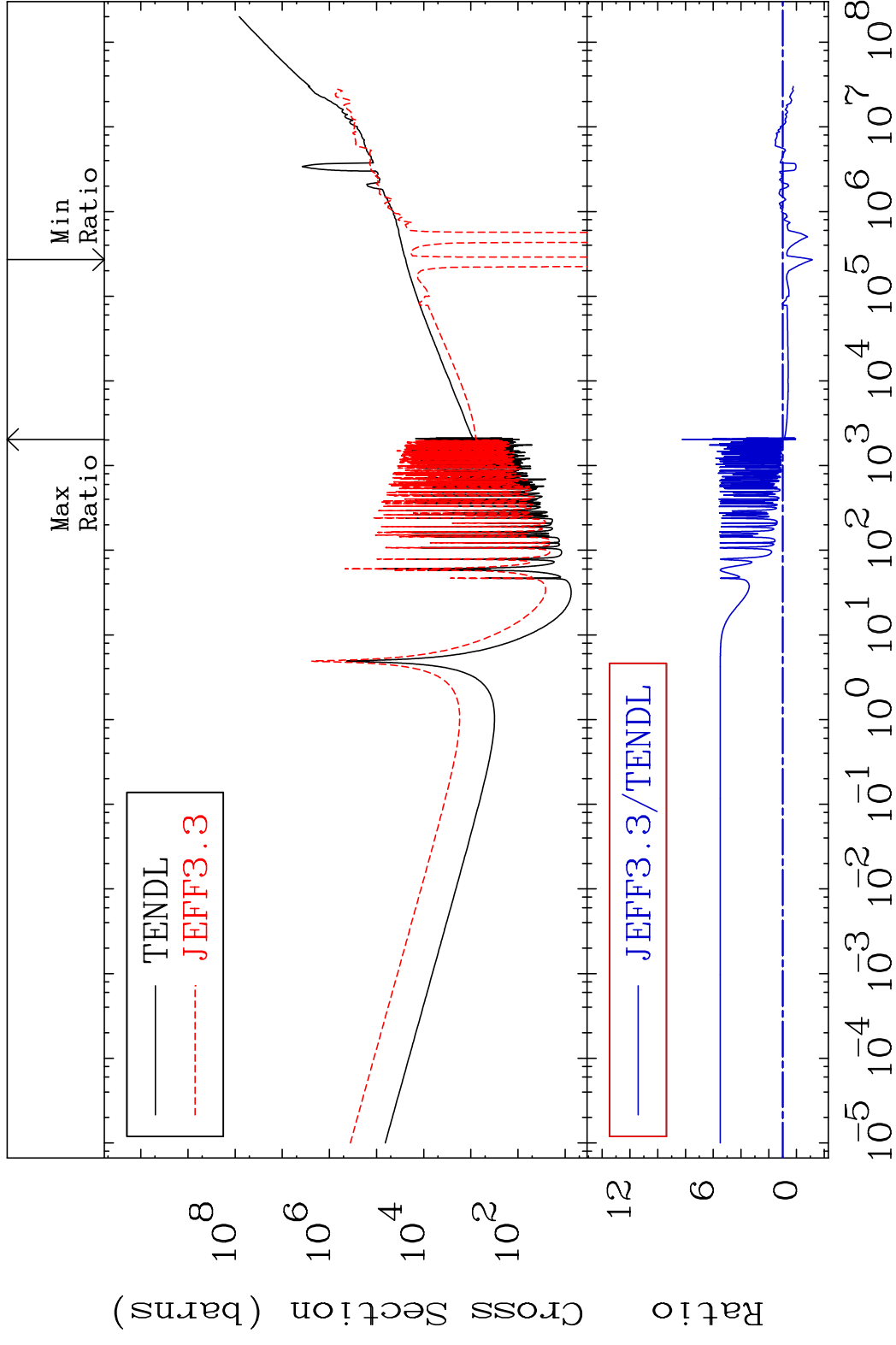


25

Incident Energy (eV)

79-Au-197

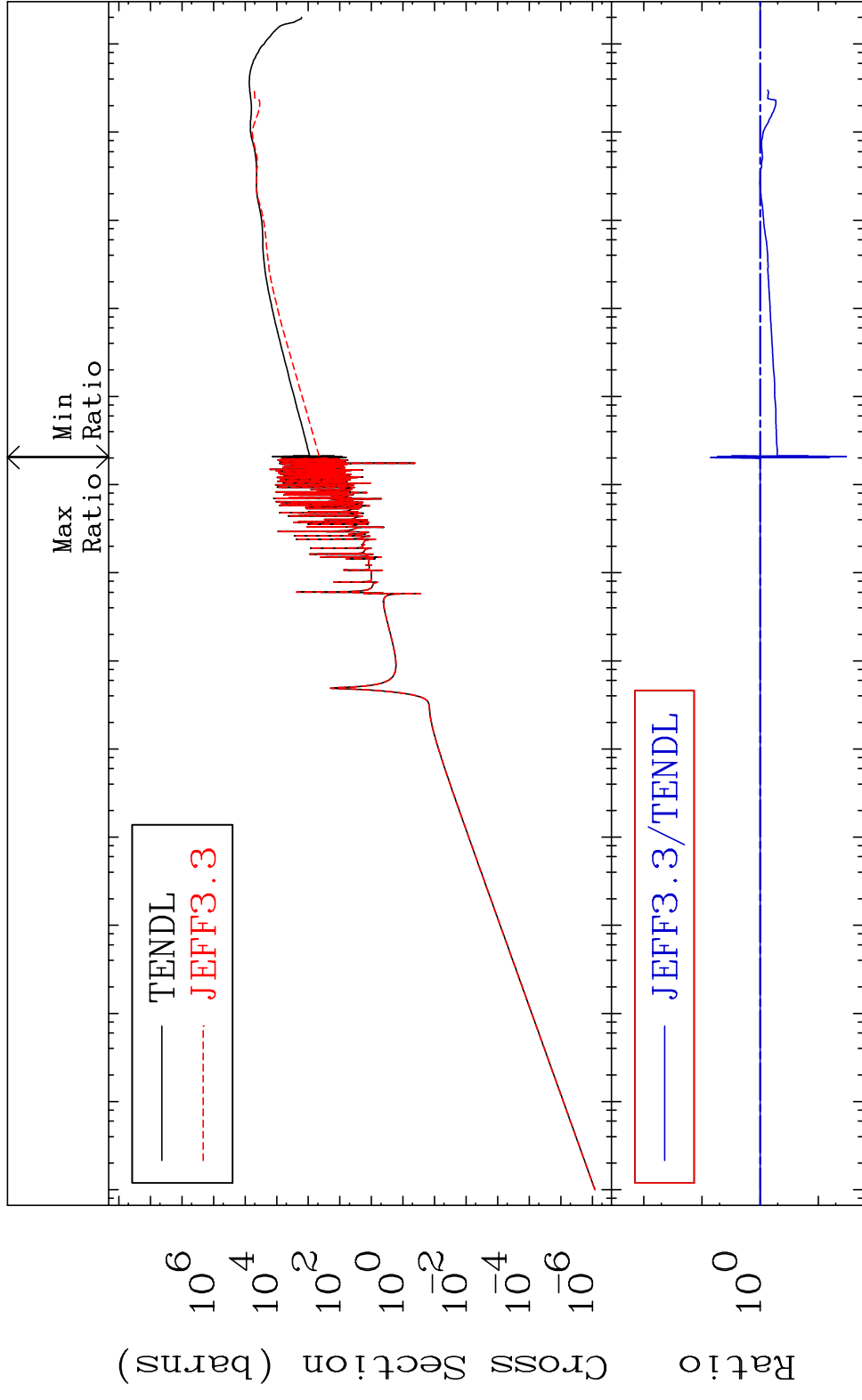
MAT 7925 Kerma total (eV-barns) 79-Au-197  
 Cross Section -215.6 To 722.5 %



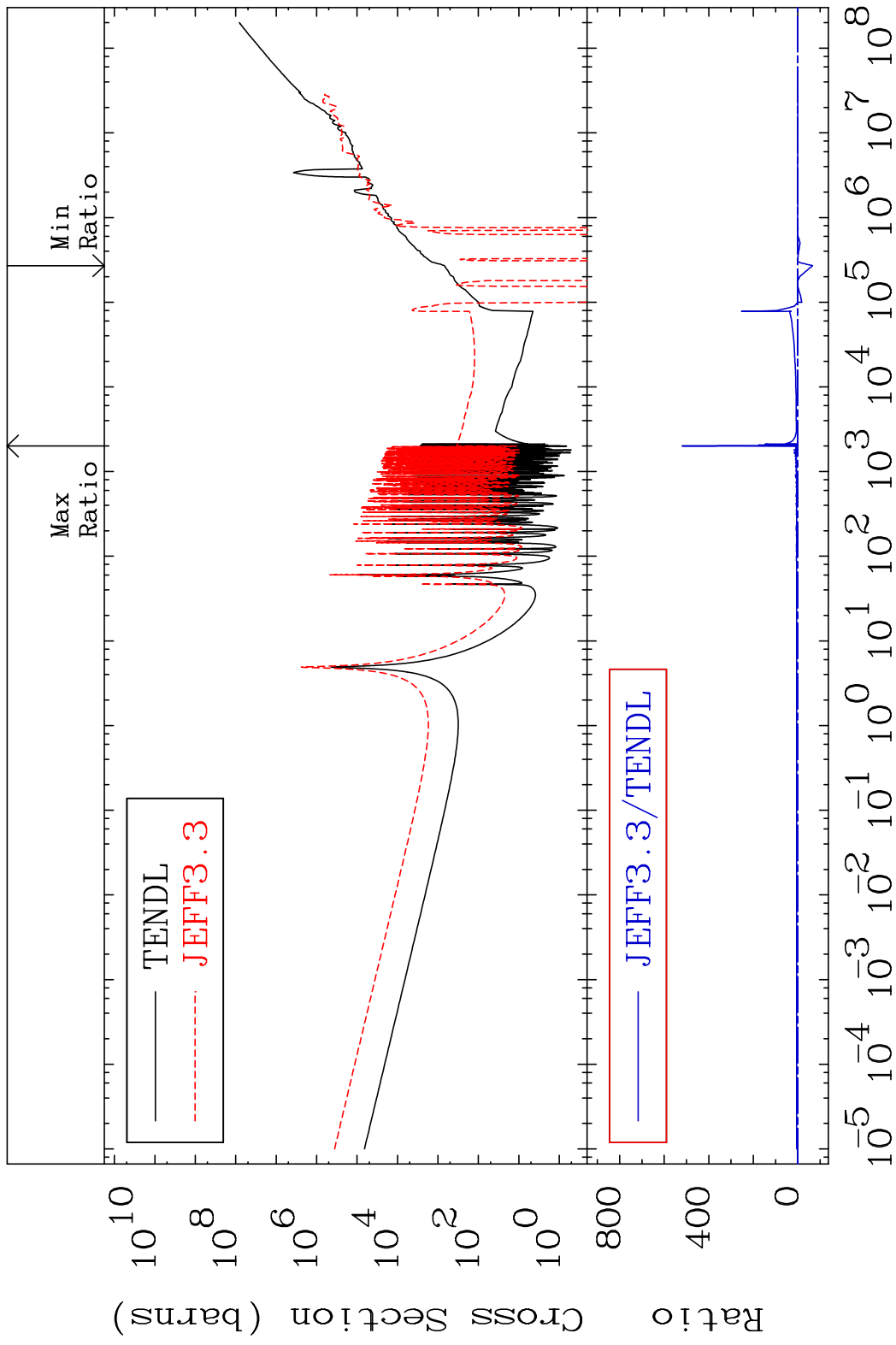
MAT 7925

Kerma elastic  
Cross Section

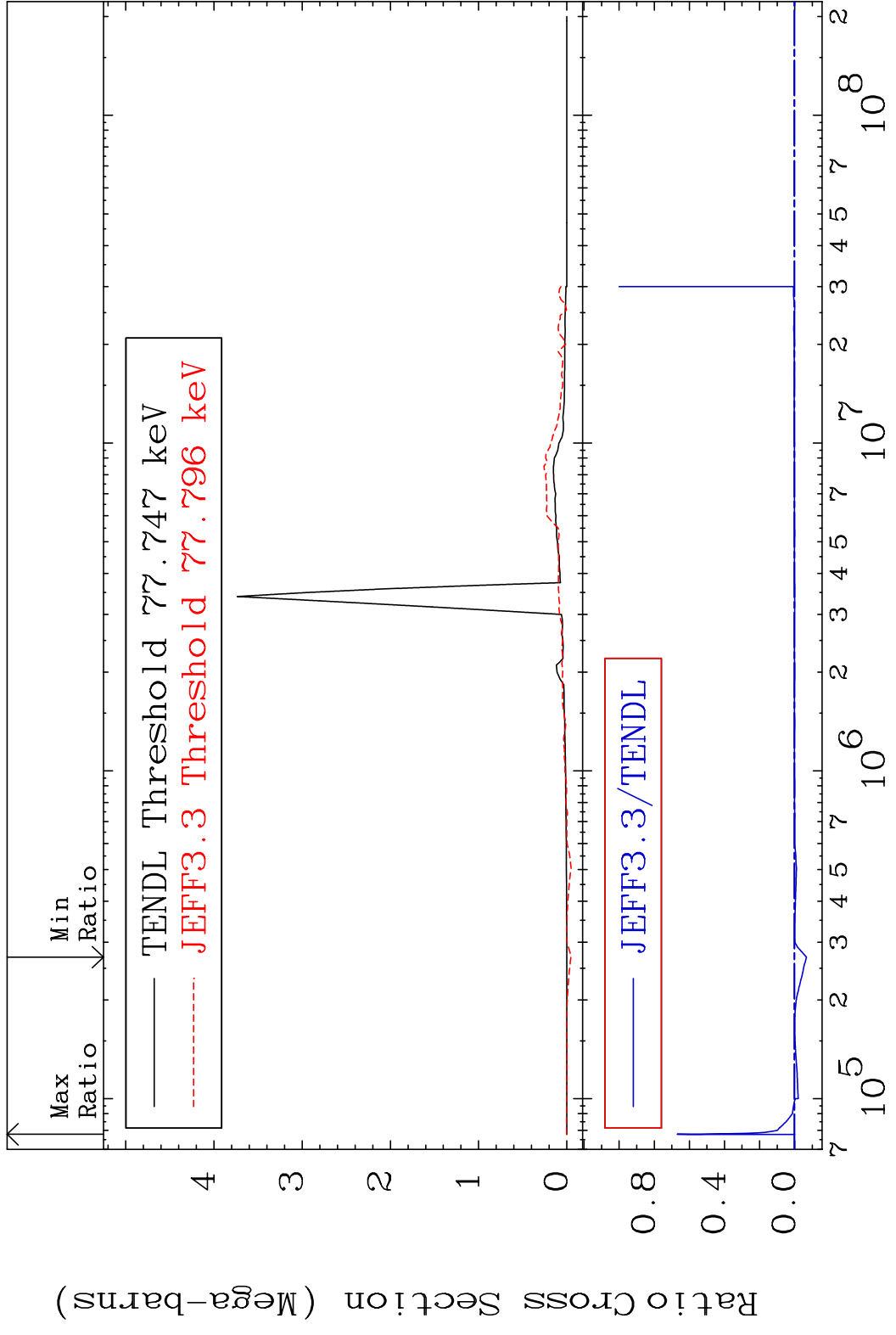
79-Au-197  
-96.70 To 607.3 %



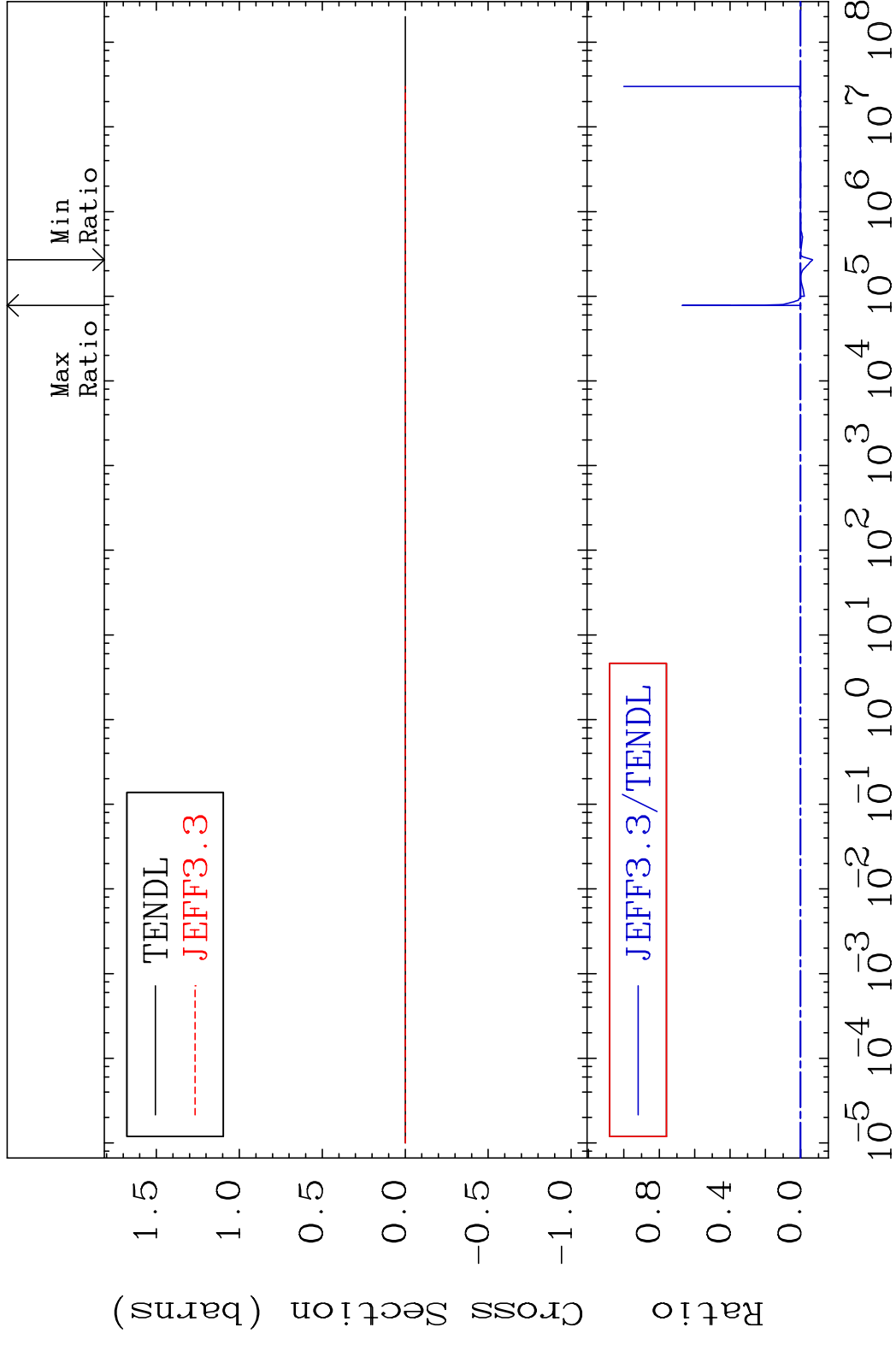
MAT 7925 Kerma non-elastic (all but mt2) 79-Au-197  
 Cross Section -6683. To 9999. %

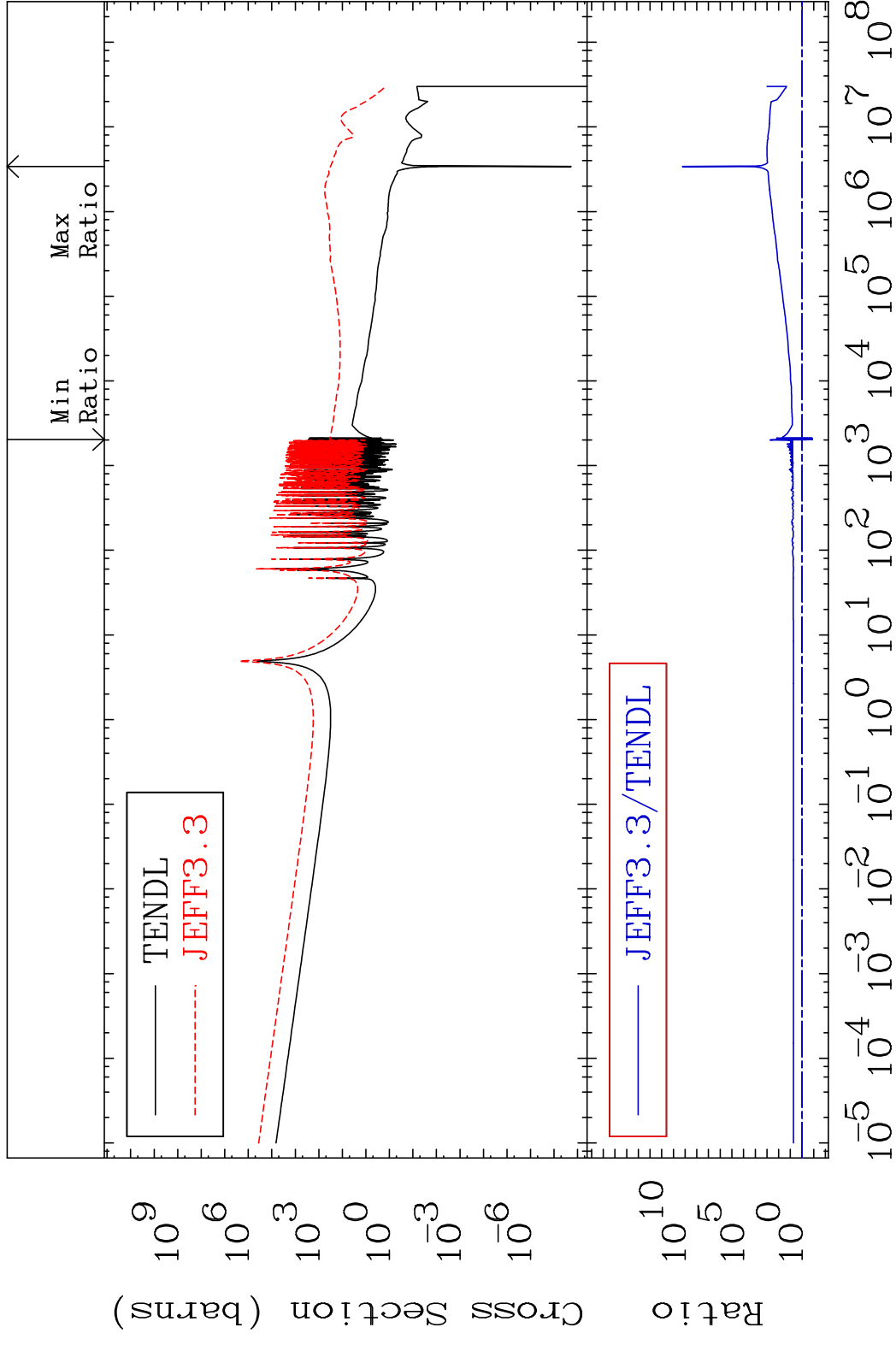


MAT 7925 Kerma inelastic (mt51-91) 79-Au-197  
 Cross Section -6758. To 9999. %



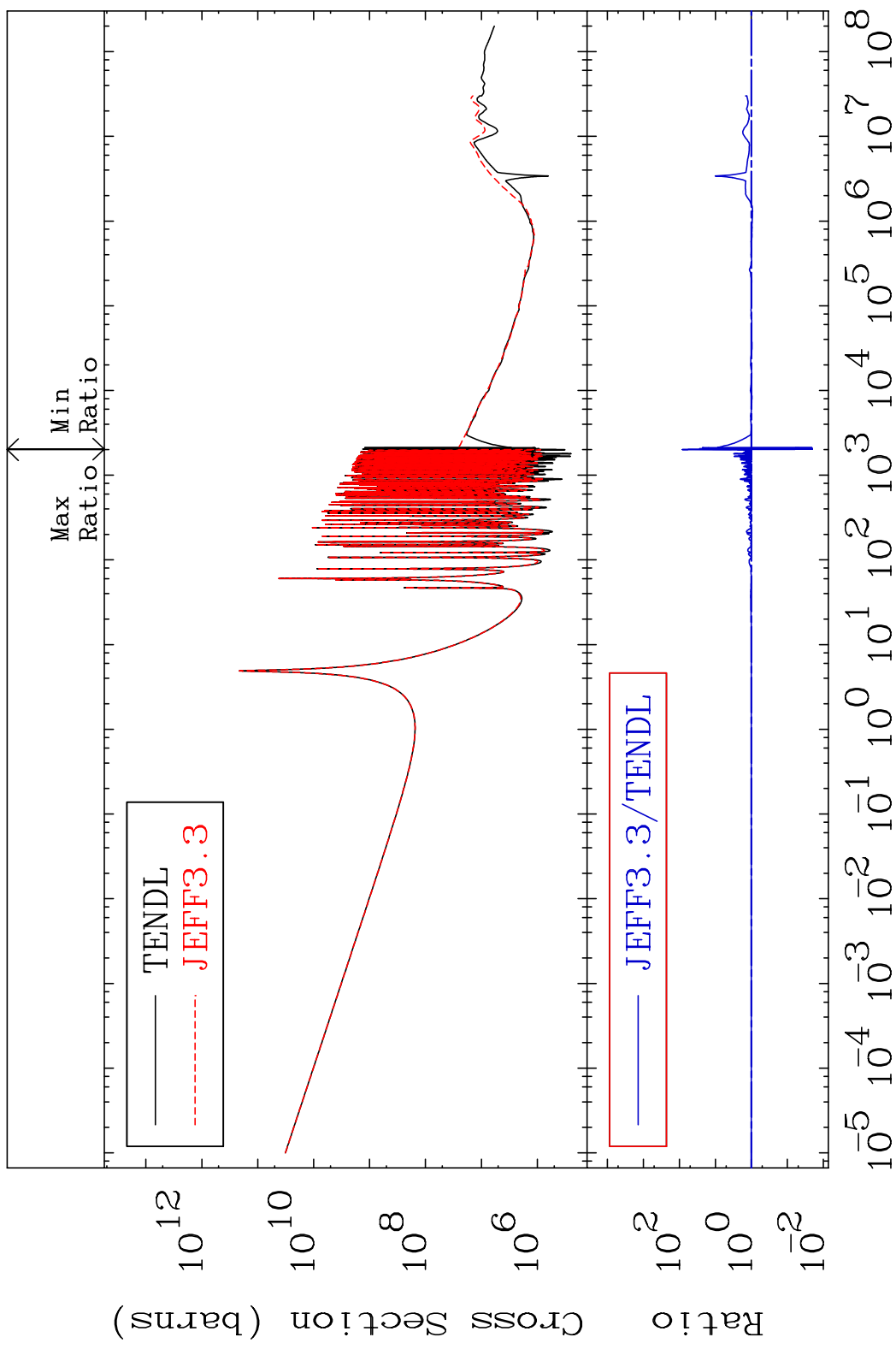
MAT 7925 Kerma fission (mt18 or mt19-20-21-38) 79-Au-197  
 Cross Section -6758. To 9999. %



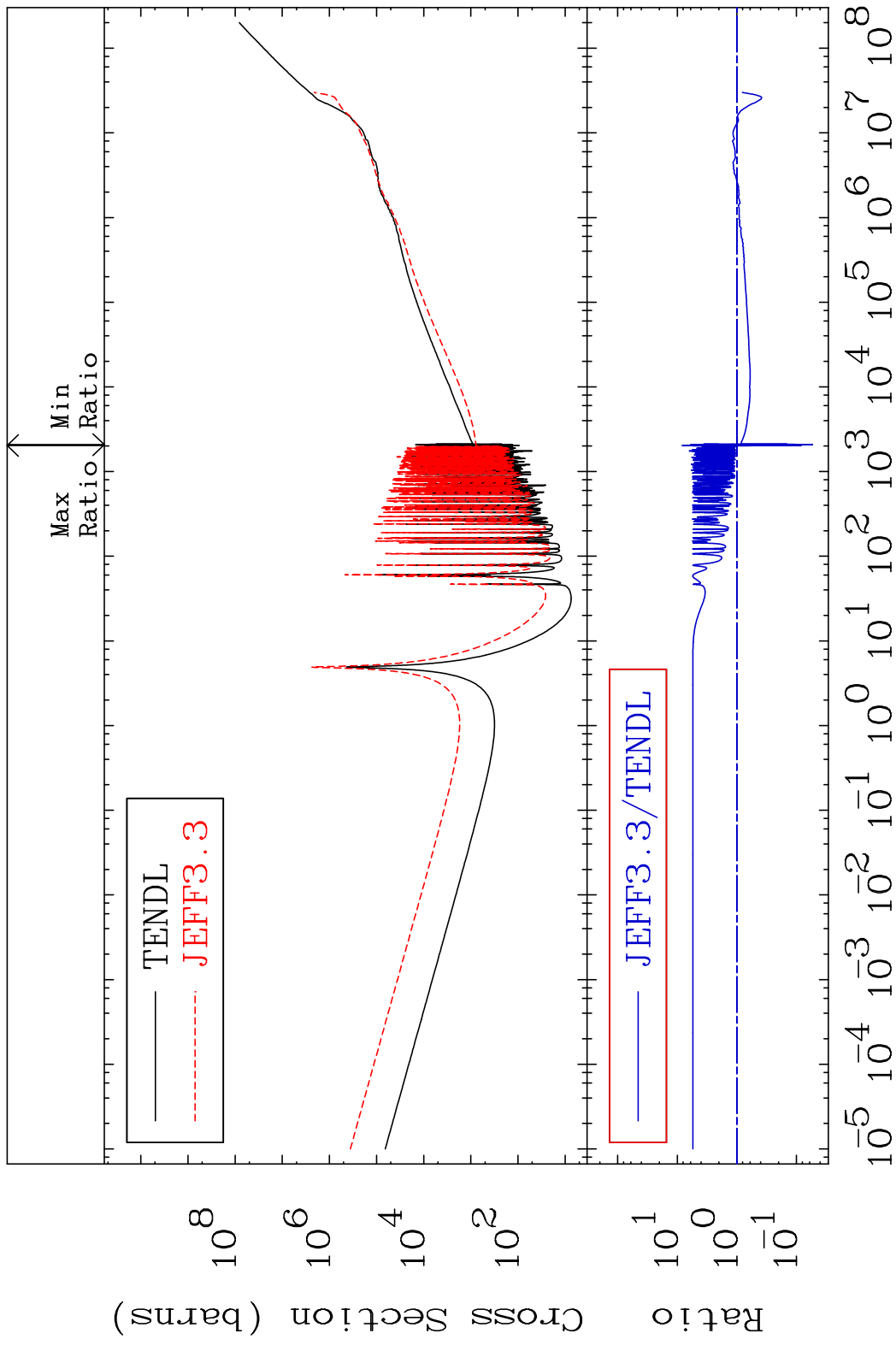




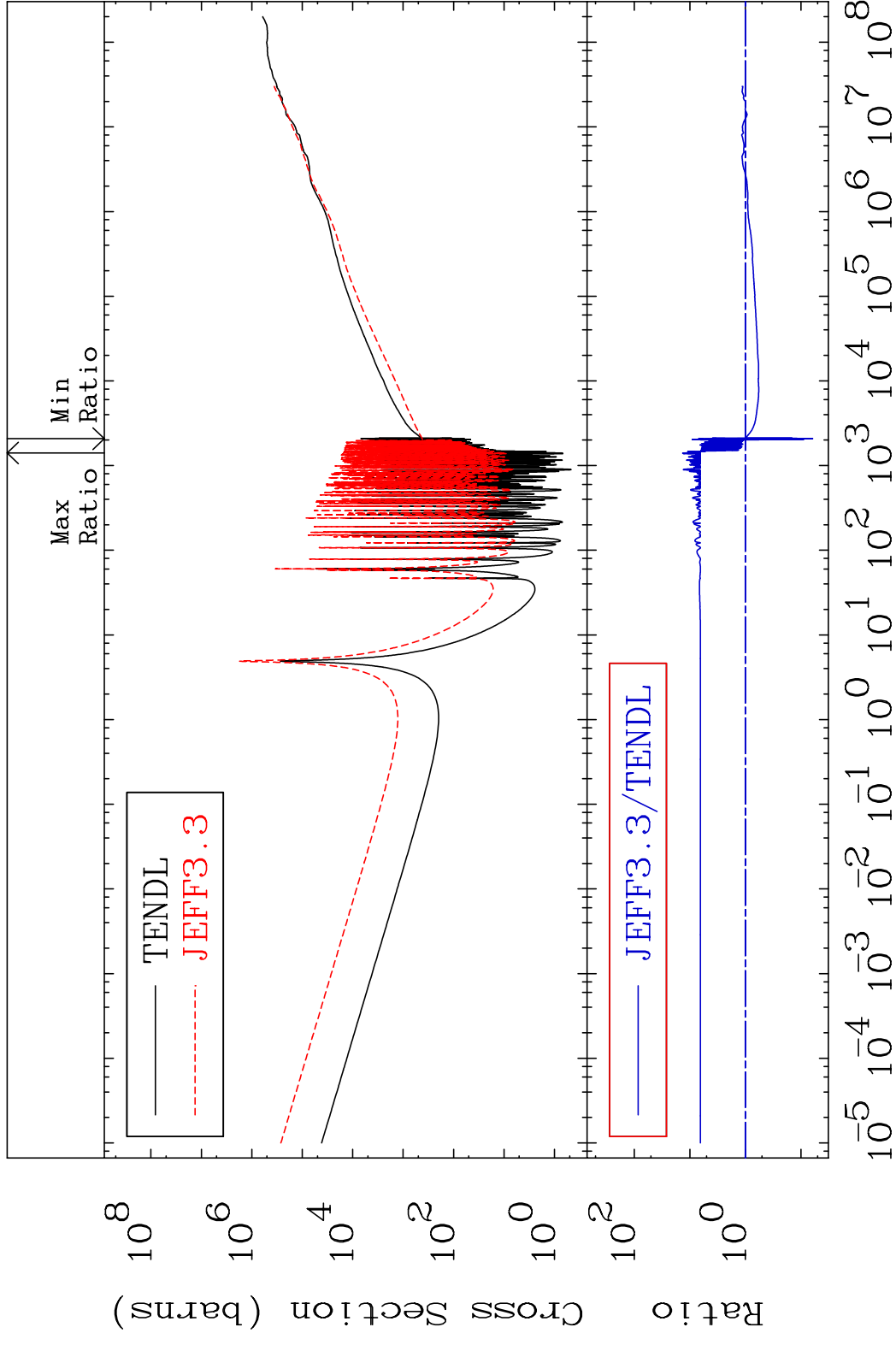
Cross Section -98.00 To 8145. %



MAT 7925 Total kinematic kerma (high limit) 79-Au-197  
 Cross Section -94.63 To 722.5 %



Cross Section -93.83 To 1263. %

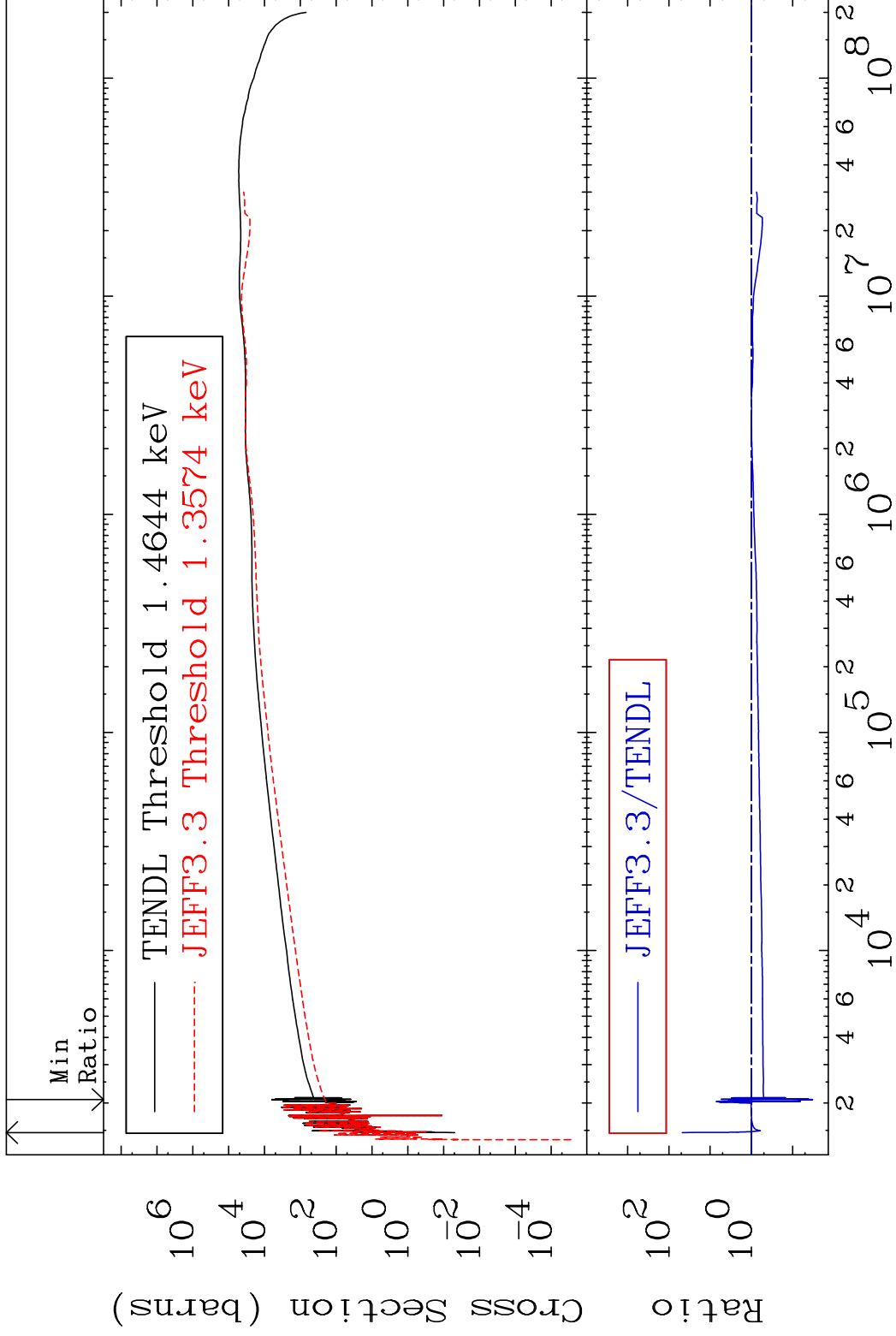


MAT 7925

Dpa elastic (mt2)

79-Au-197

Cross Section -96.69 To 4669. %

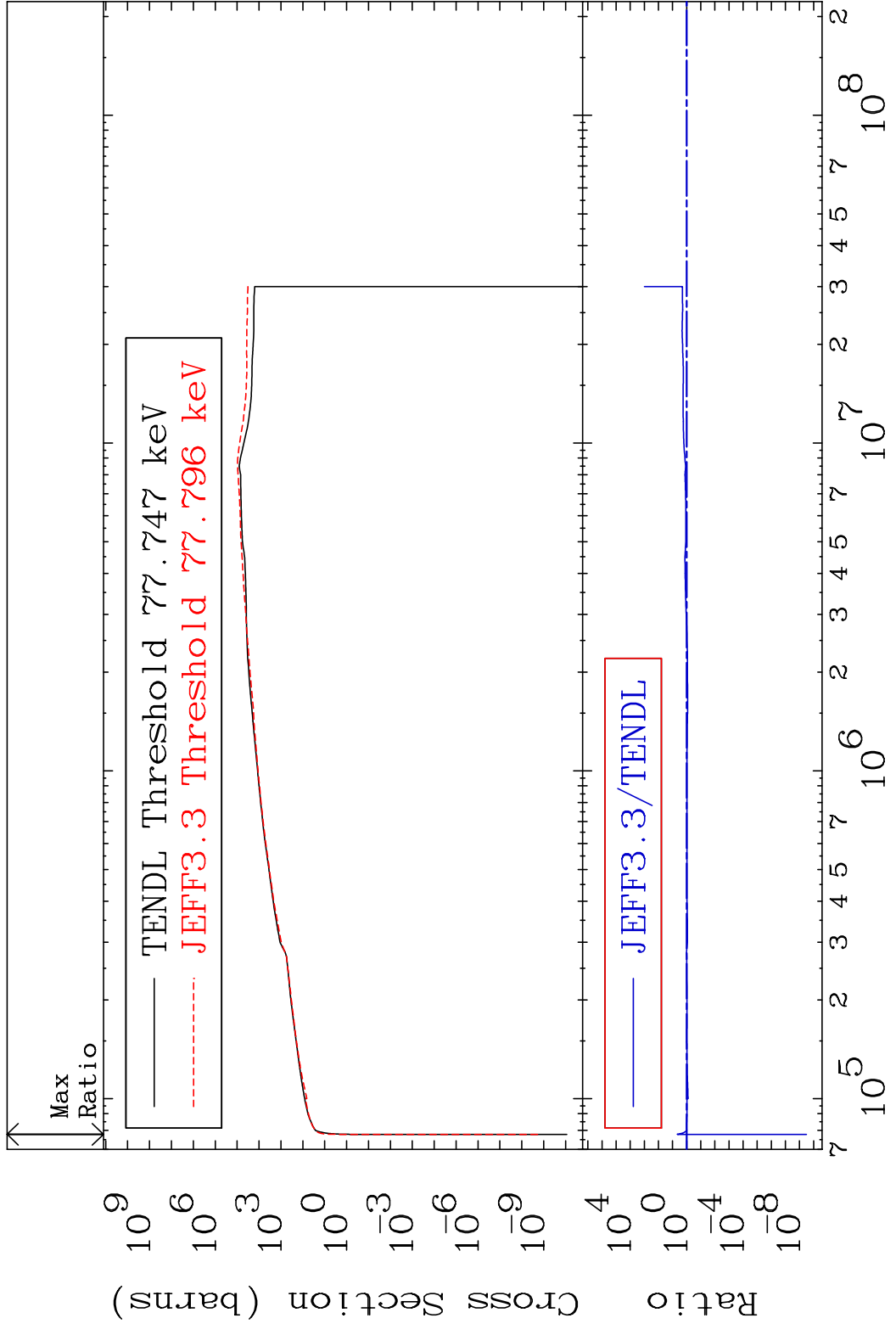


35

Incident Energy (eV)

79-Au-197

MAT 7925      Dpa inelastic (mt51-91)      79-Au-197  
 Cross Section      -100.0 To 368.3 %



MAT 7925 Dpa disappearance (mt102 -120) 79-Au-197  
 Cross Section -87.11 To 9999. %

