

Program Complot  
(Version 2021-1)

by

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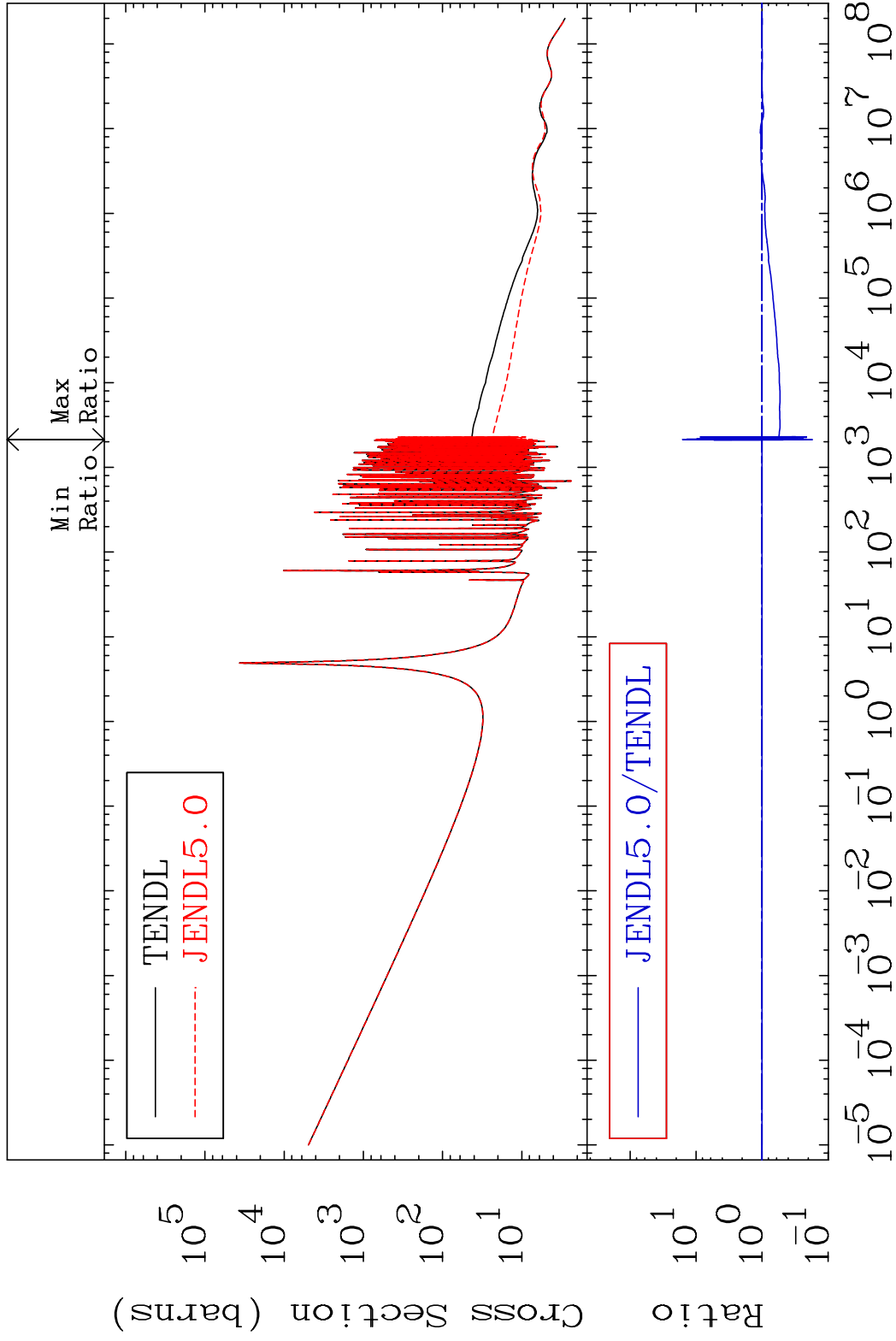
Press Mouse Button to Start

MAT 7925

Total

79-Au-197

Cross Section -82.84 To 1514. %



1

Incident Energy (eV)

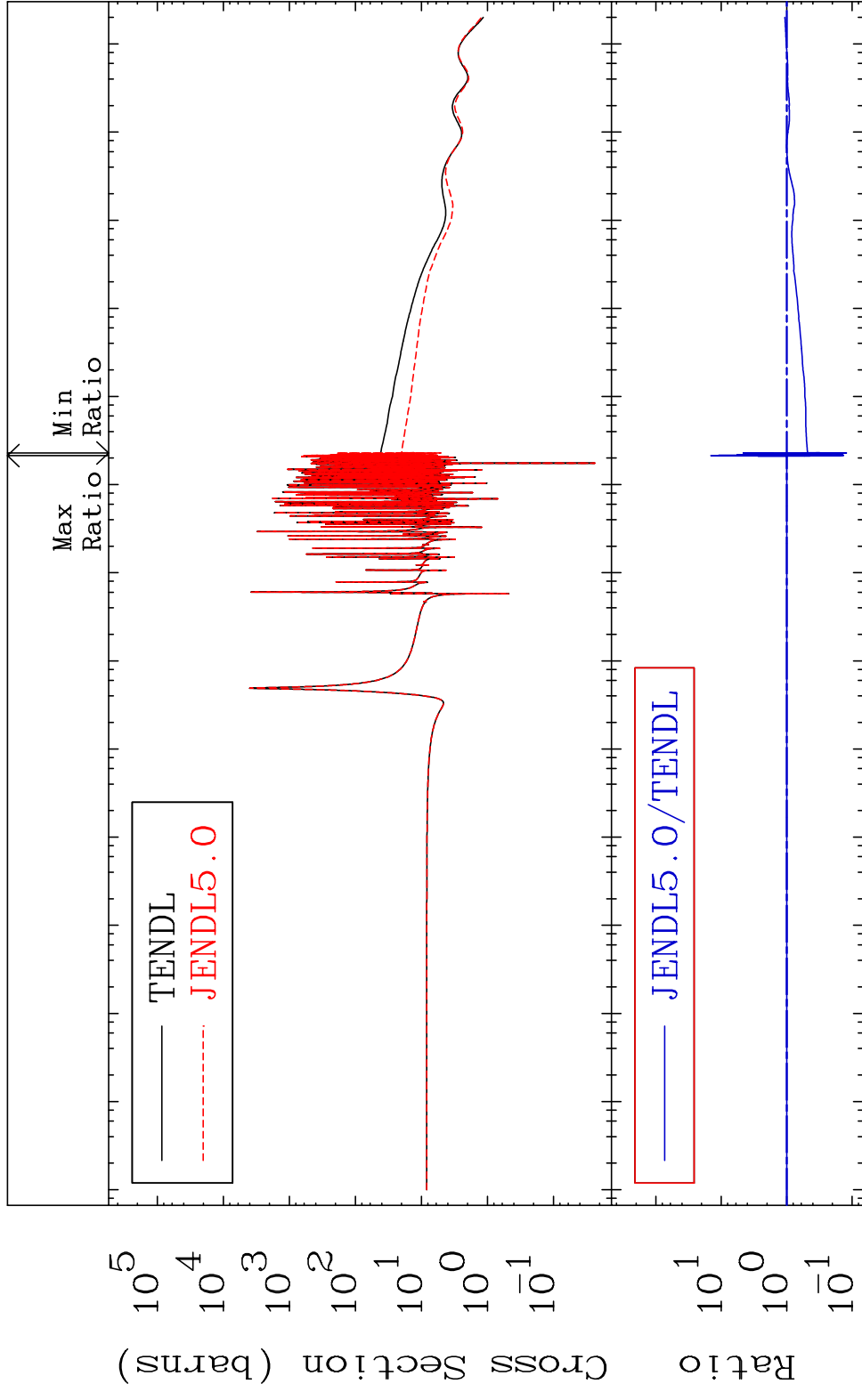
79-Au-197

MAT 7925

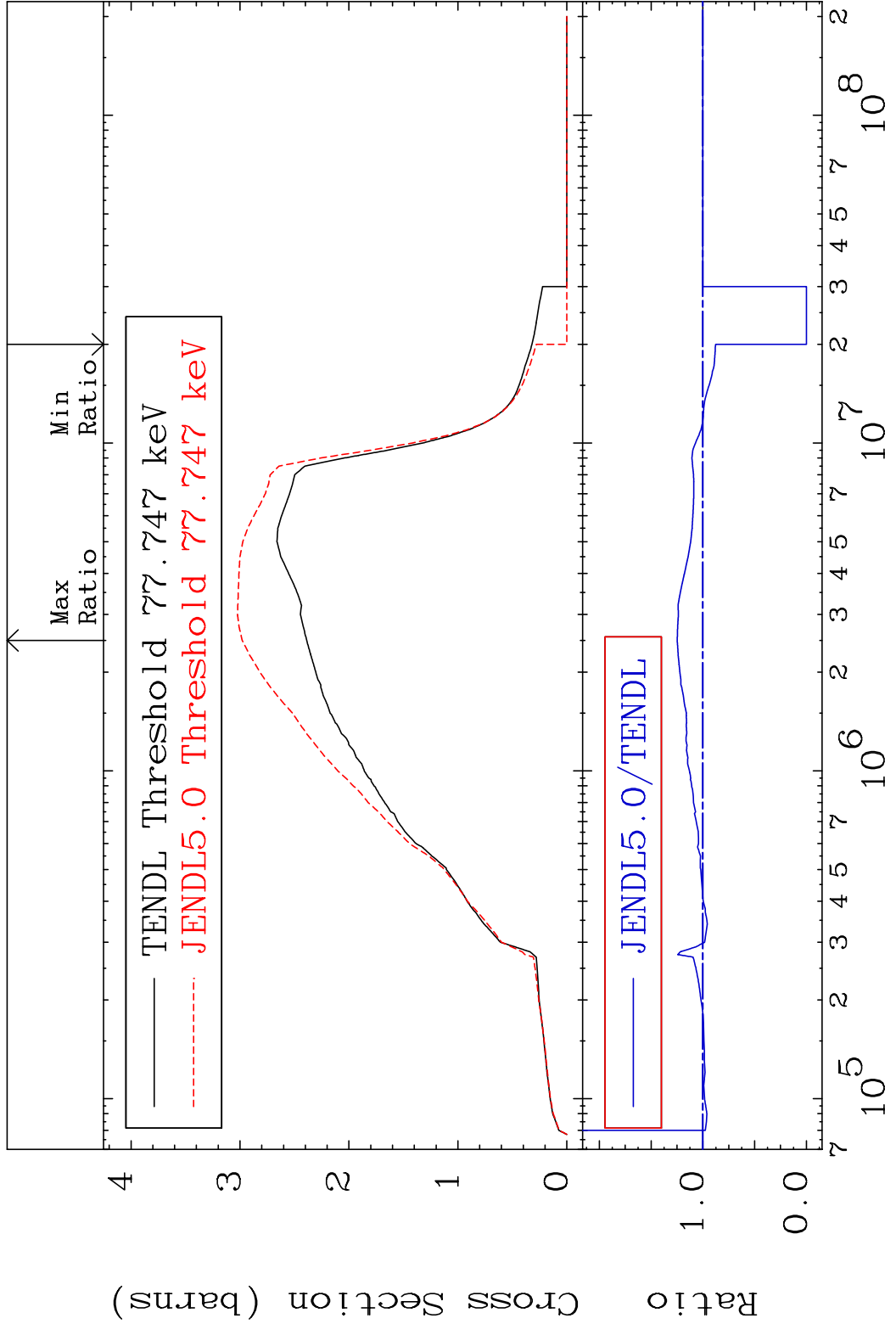
Elastic

79-Au-197

Cross Section -87.72 To 1351. %



MAT 7925 Inelastic Cross Section -100.0 To 24.81 % 79-Au-197



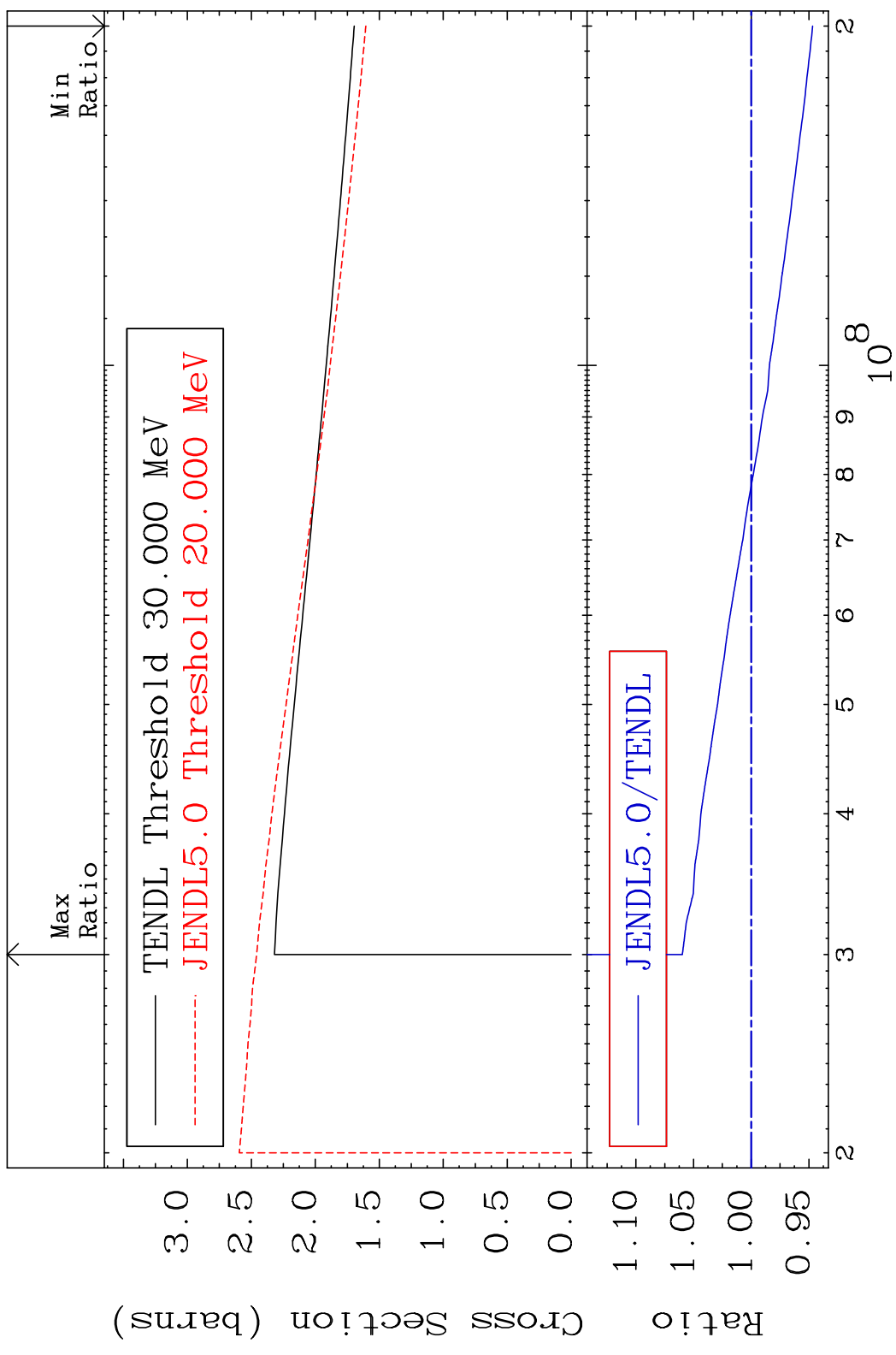
3 Incident Energy (eV) 79-Au-197

MAT 7925

(n, remainder)

79-Au-197

Cross Section -5.318 To 5.971 %

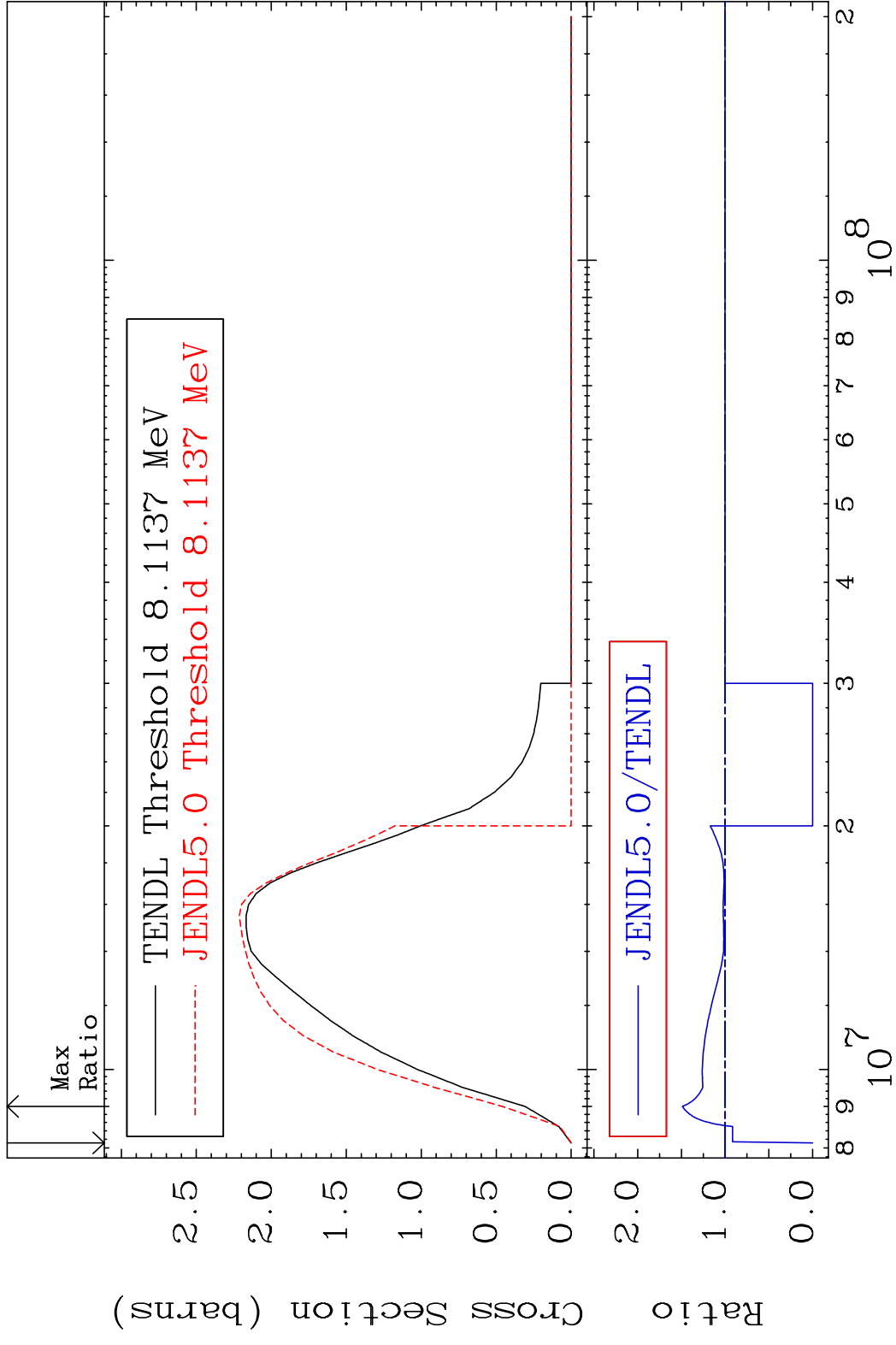


4

Incident Energy (eV)

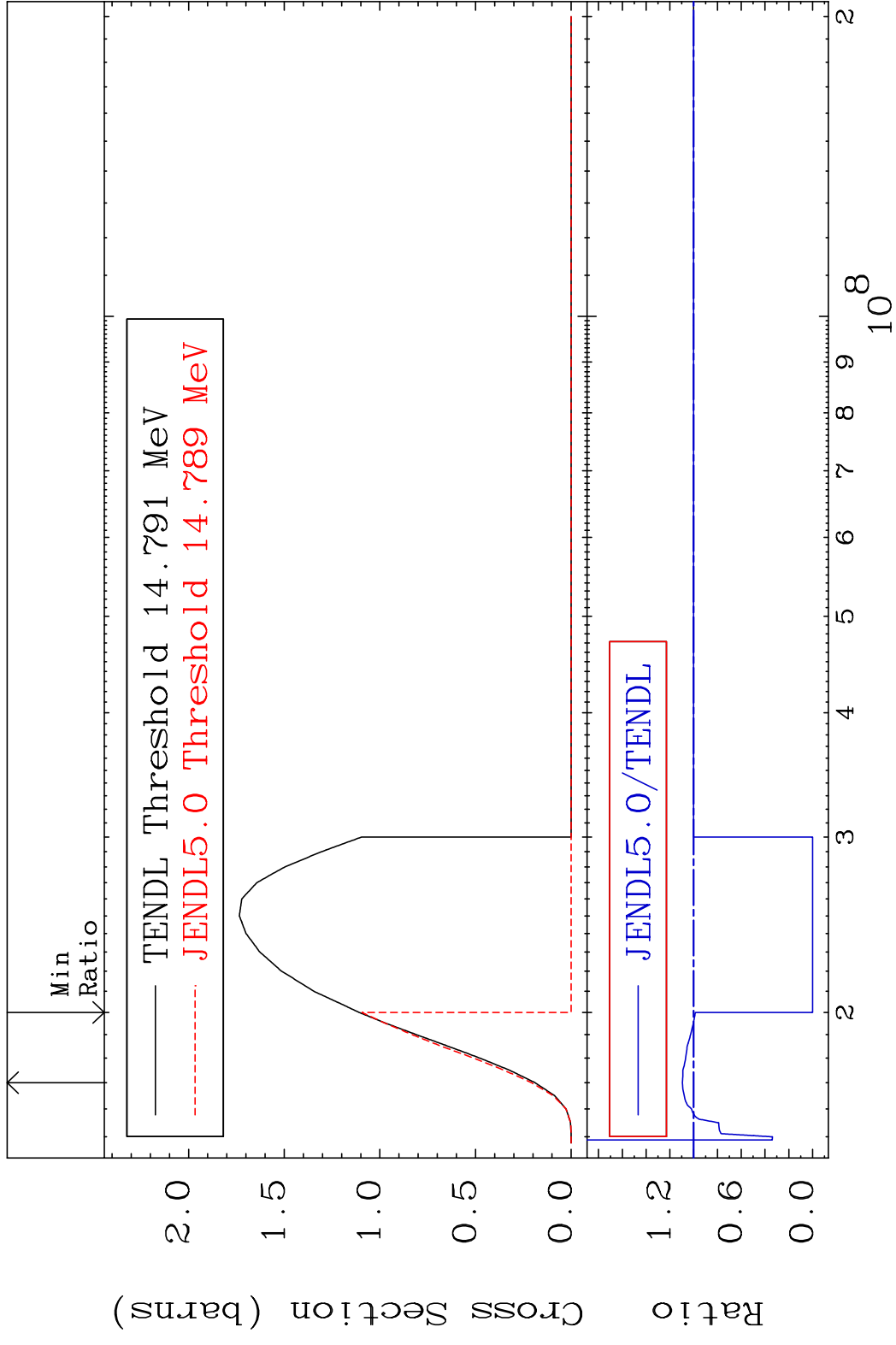
79-Au-197

MAT 7925 (n,2n) 79-Au-197  
 Cross Section -100.0 To 48.94 %



5 Incident Energy (eV) 79-Au-197

MAT 7925 (n,3n) 79-Au-197  
 Cross Section -100.0 To 9.522 %

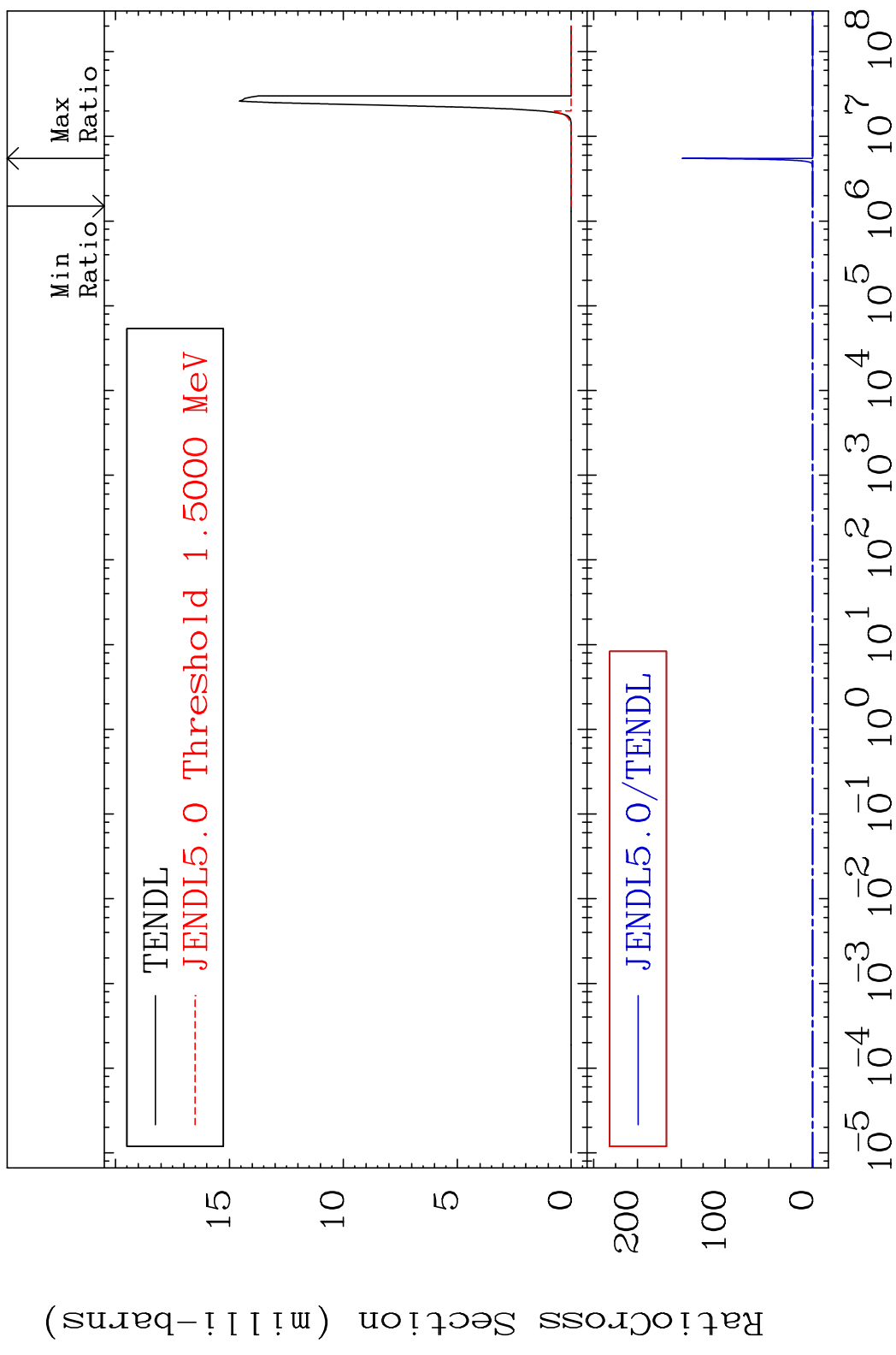


MAT 7925

(n, n')  $\alpha$

79-Au-197

Cross Section -100.0 To 9999. %



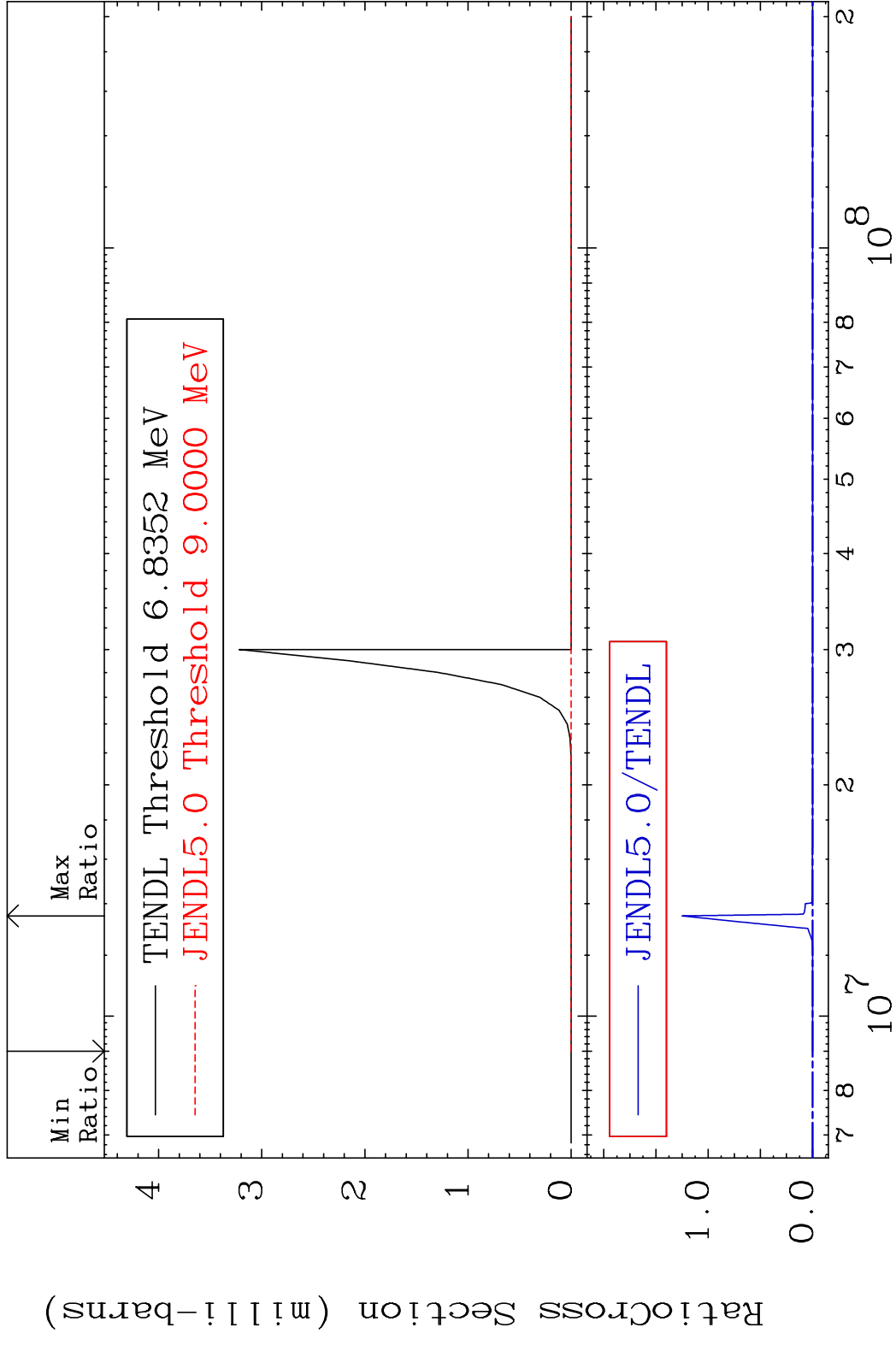
7

Incident Energy (eV)

79-Au-197



MAT 7925 (n,2n)  $\alpha$  79-Au-197  
 Cross Section -100.0 To 9999. %

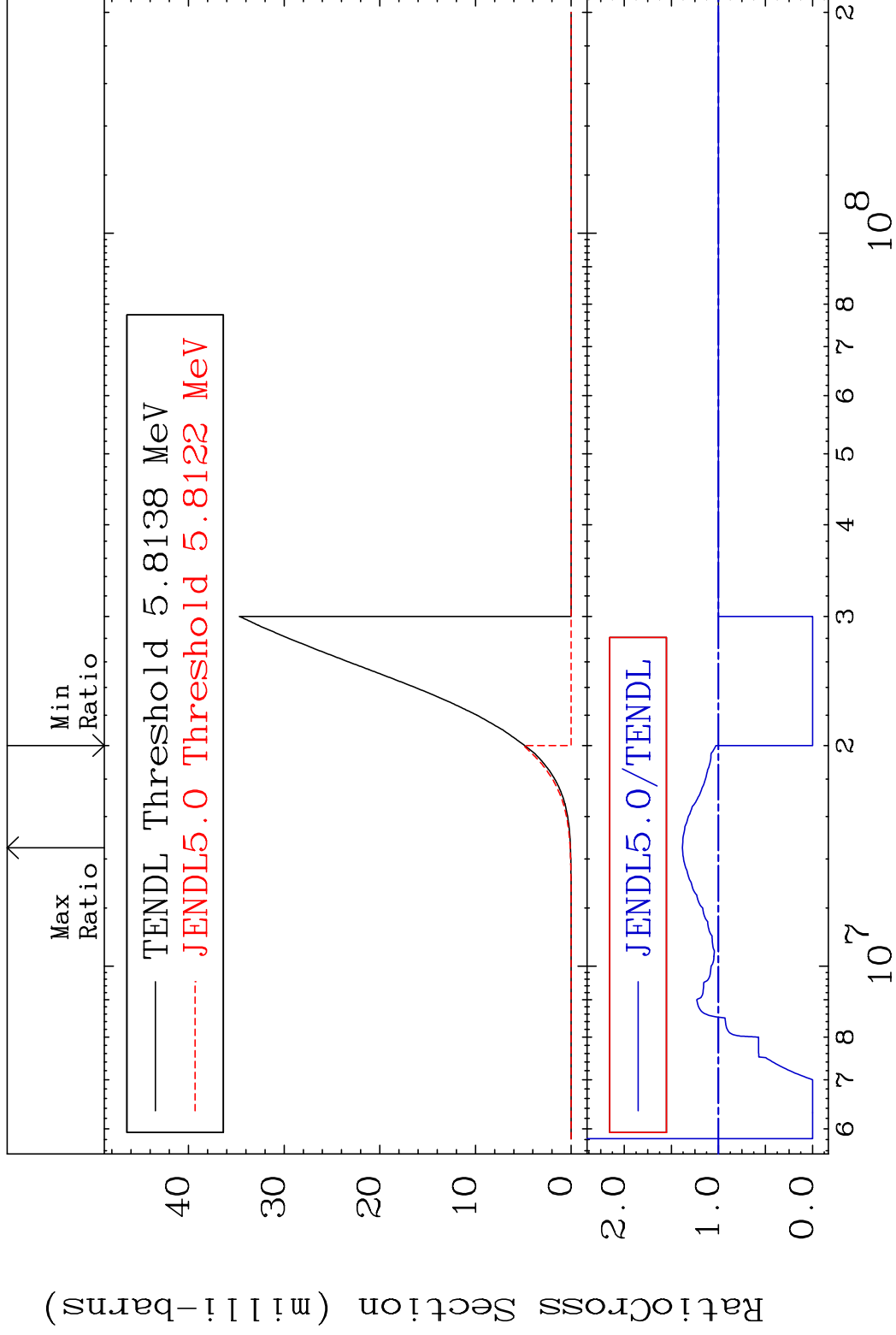


MAT 7925

(n, n') p

79-Au-197

Cross Section -100.0 To 38.29 %



9

Incident Energy (eV)

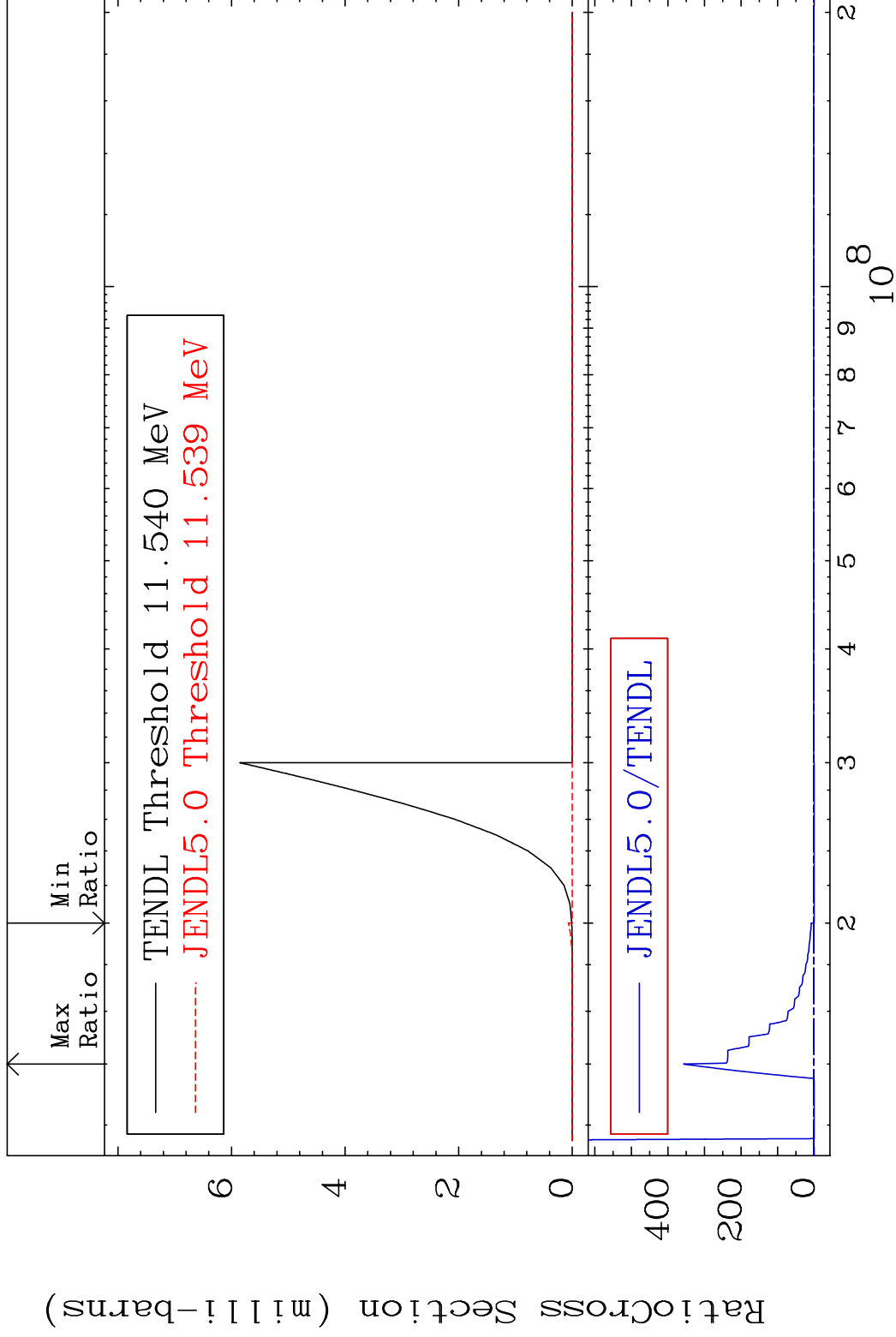
79-Au-197

MAT 7925

(n, n') d

79-Au-197

Cross Section -100.0 To 9999. %

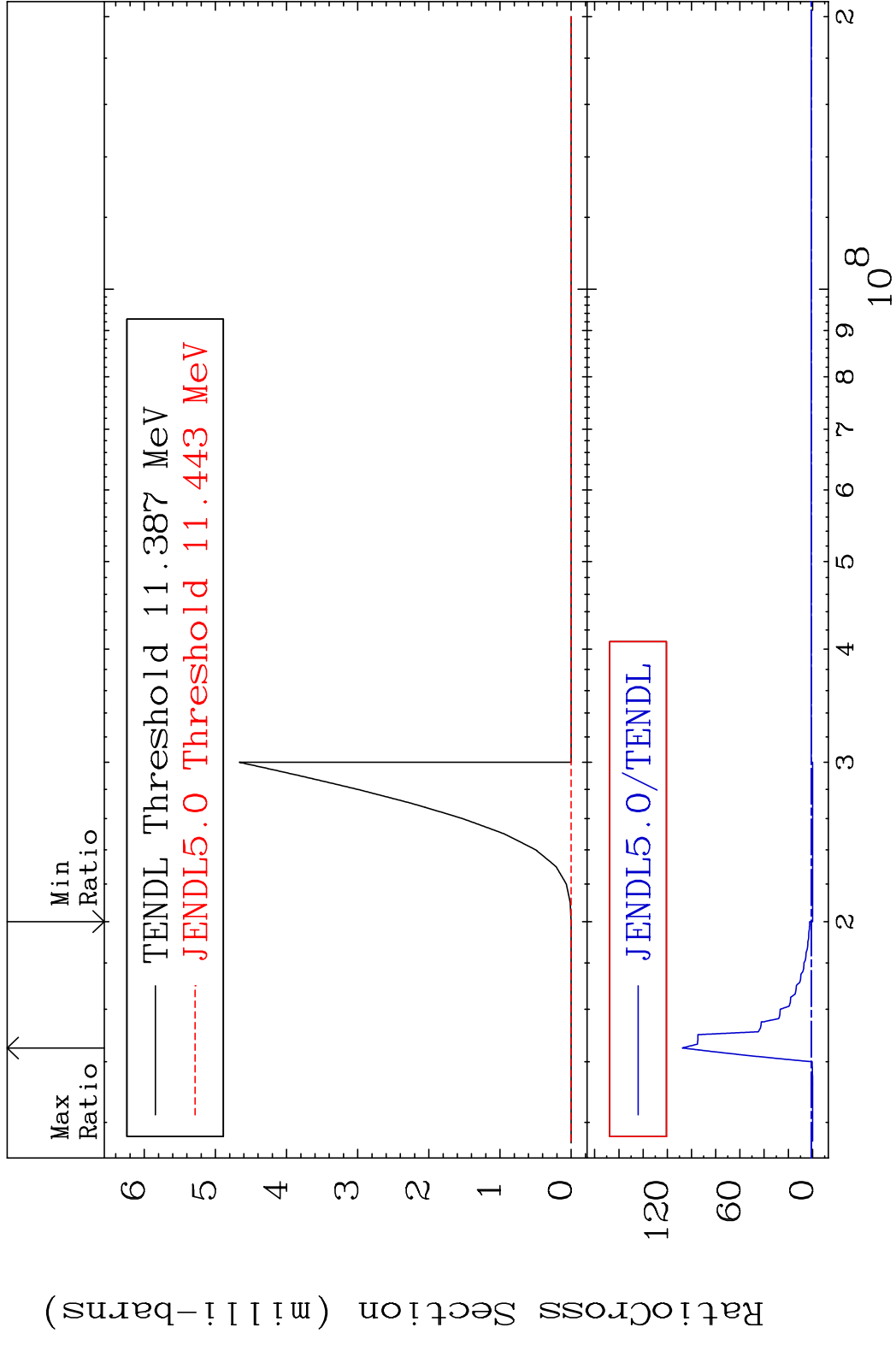


10

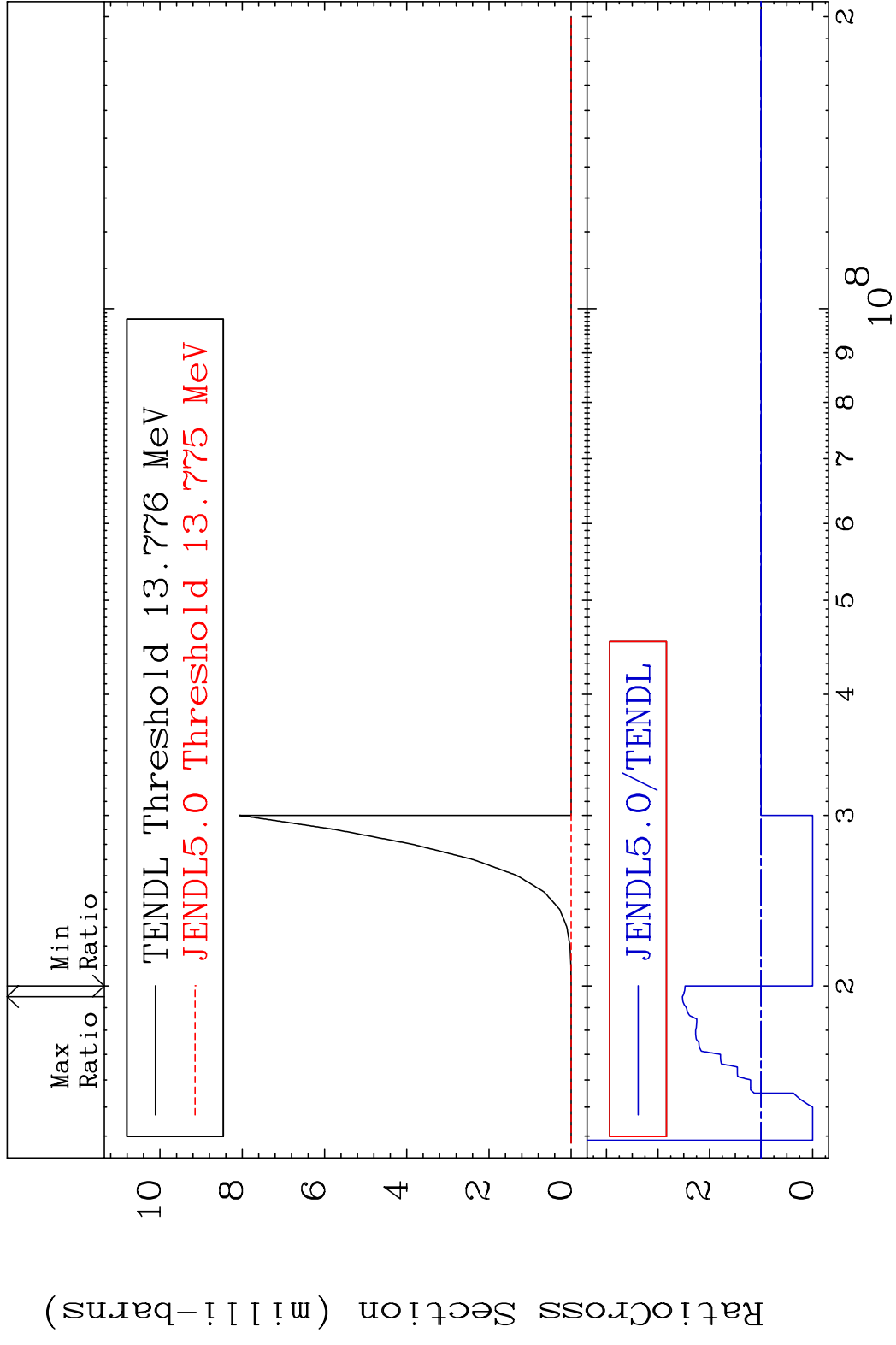
Incident Energy (eV)

79-Au-197

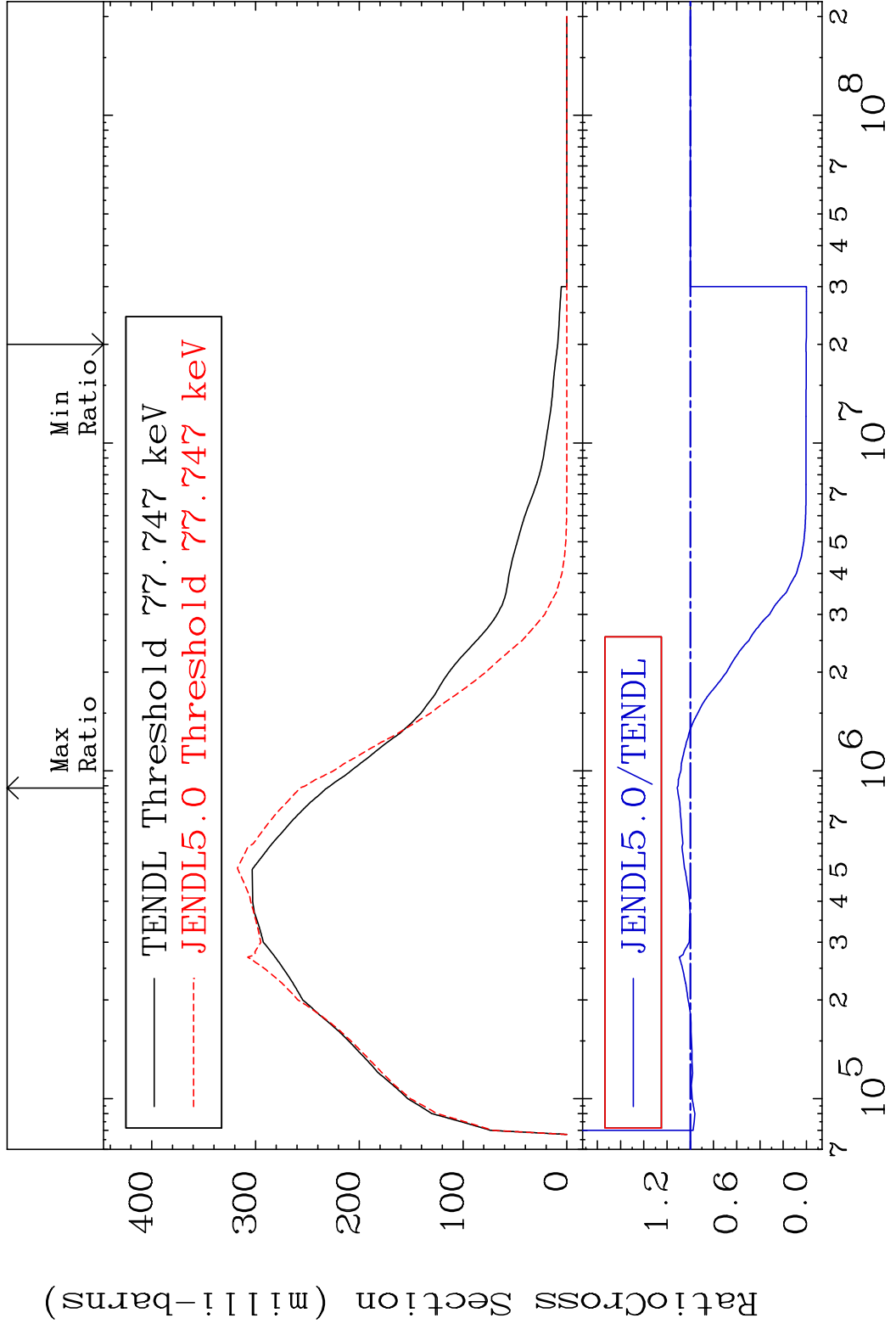
MAT 7925 (n, n') t 79-Au-197  
 Cross Section -100.0 To 9999. %



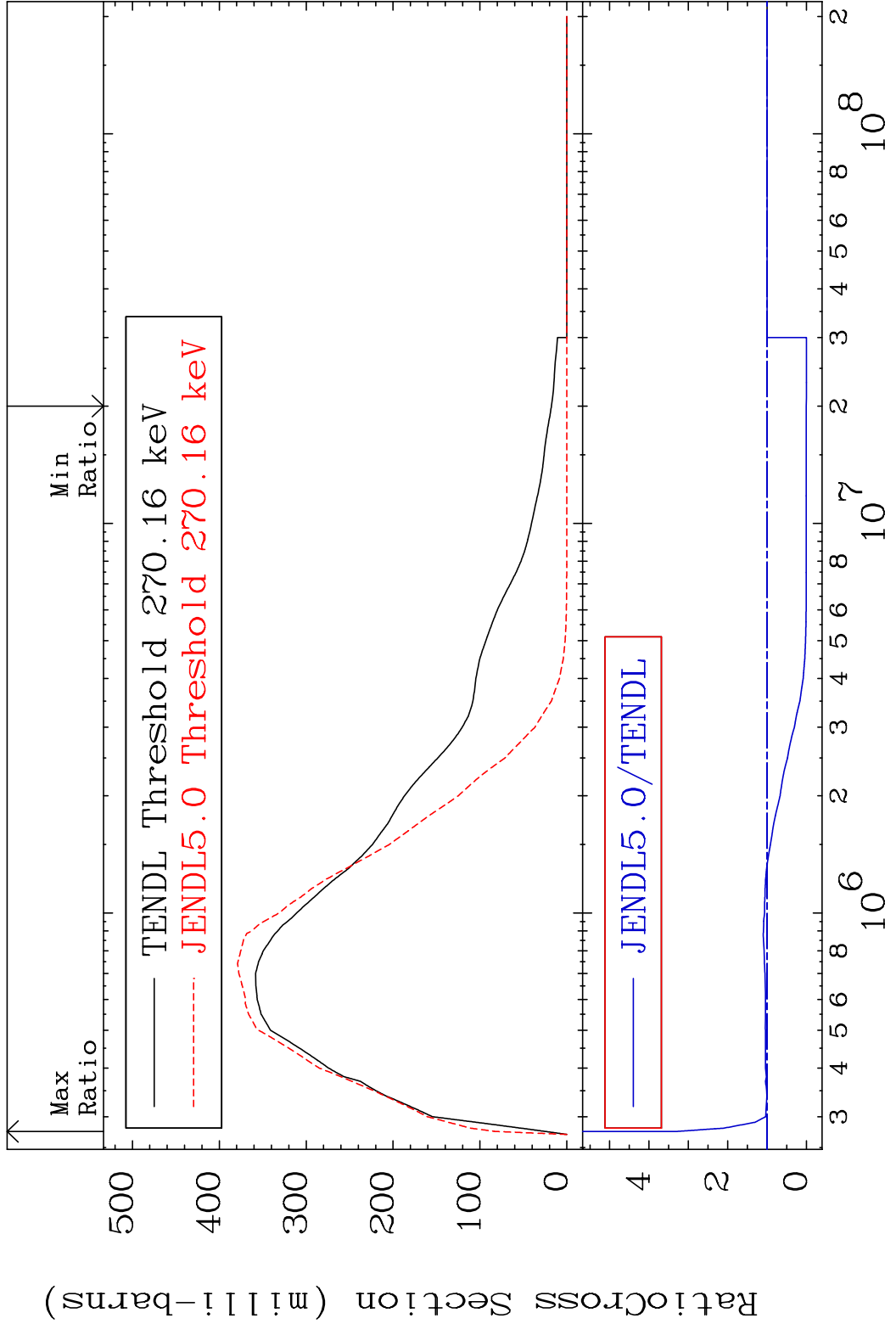
MAT 7925 (n,2n) p 79-Au-197  
 Cross Section -100.0 To 152.6 %



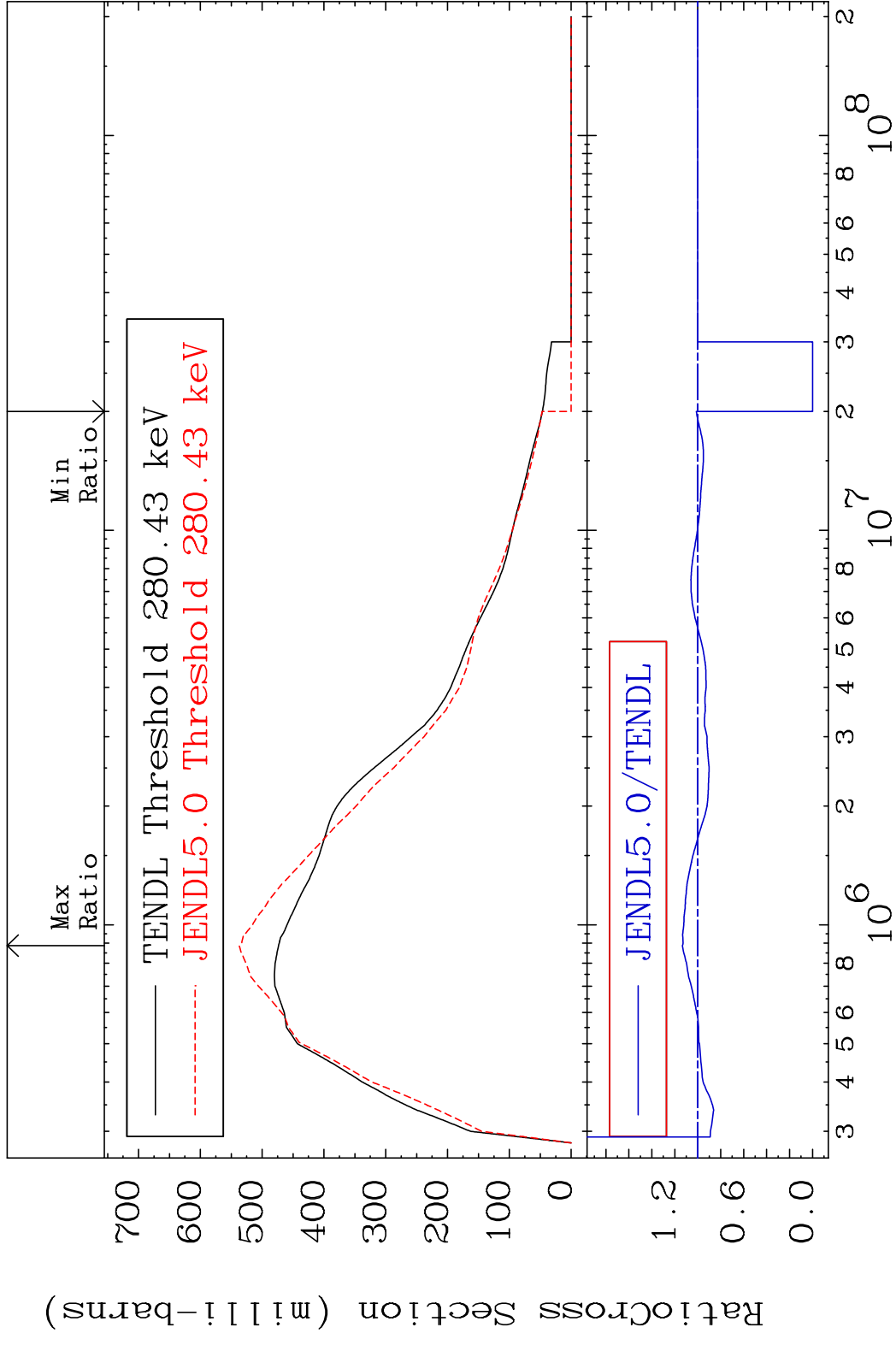
MAT 7925 MT= 51 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 11.26 %



MAT 7925 MT= 52 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 228.4 %

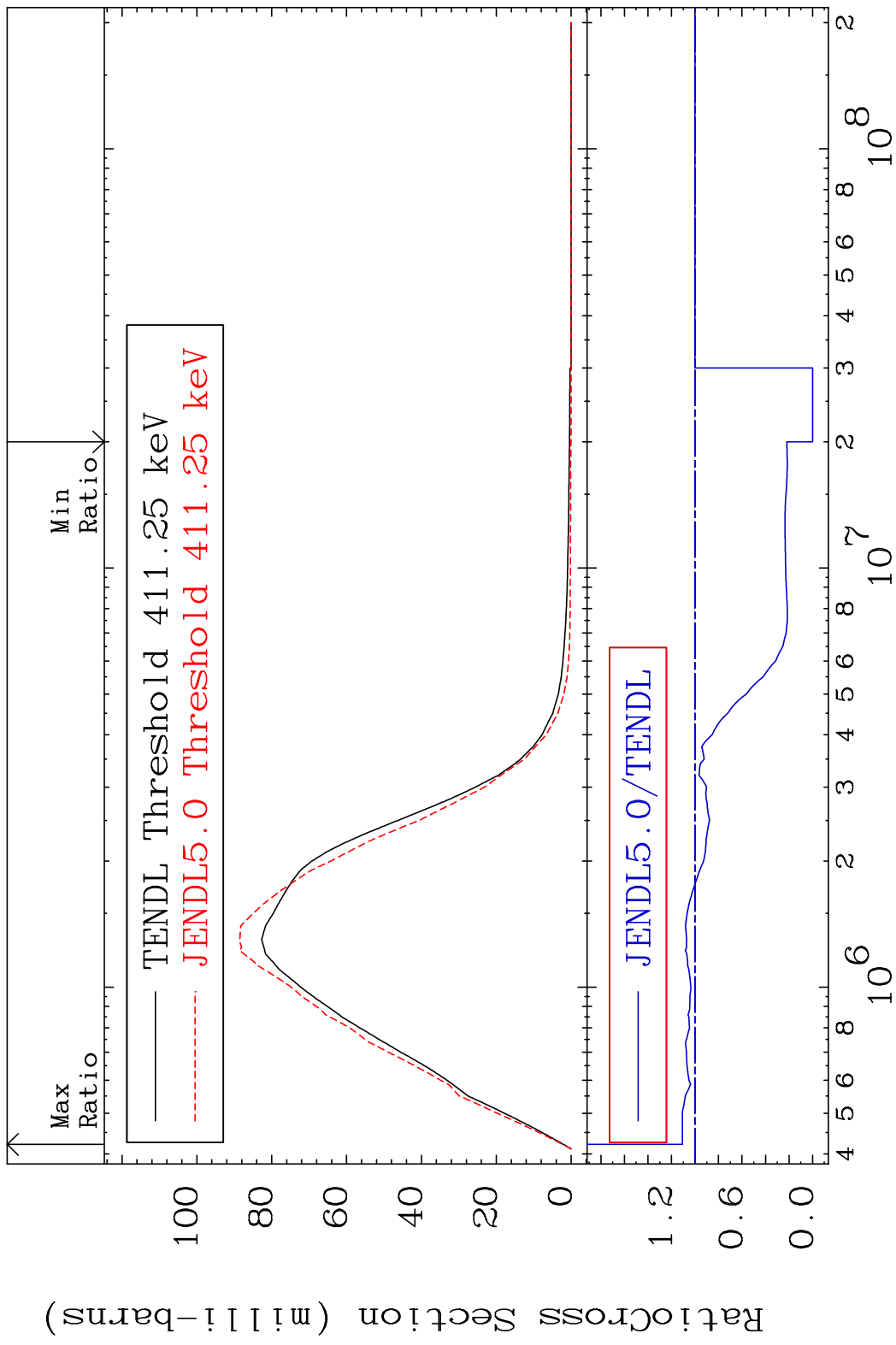


MAT 7925 MT= 53 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 13.41 %

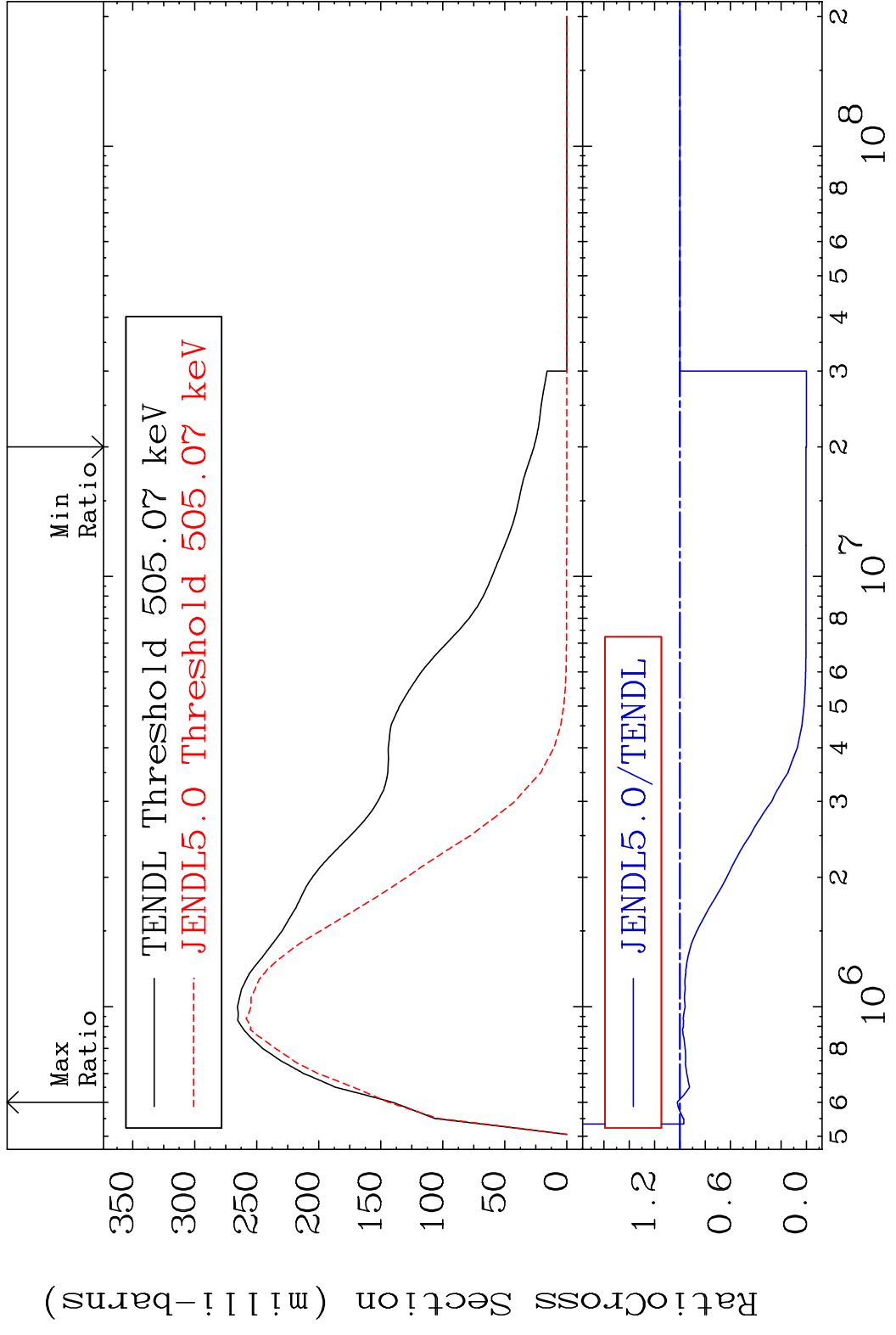




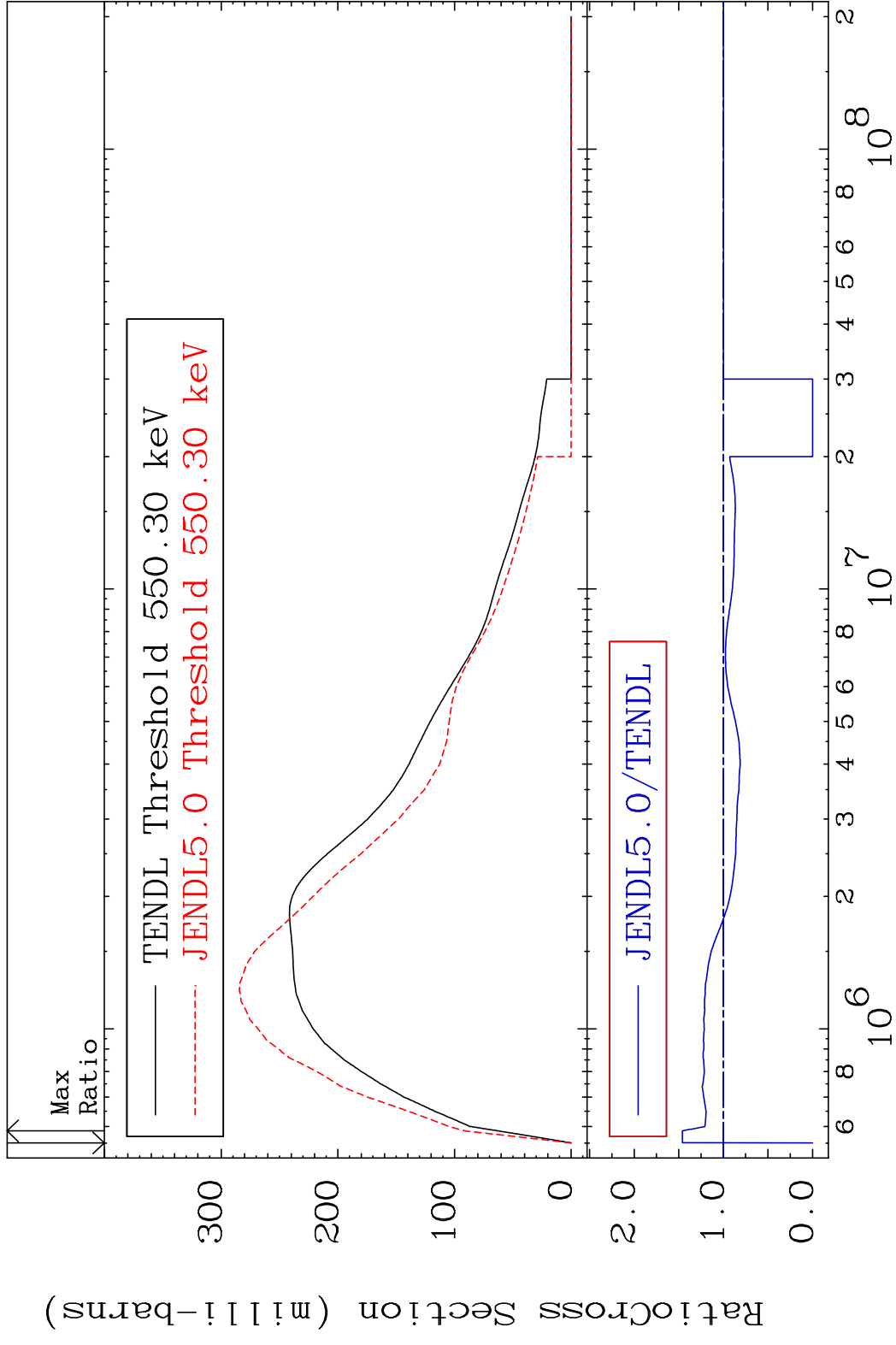
MAT 7925 MT= 54 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 10.75 %



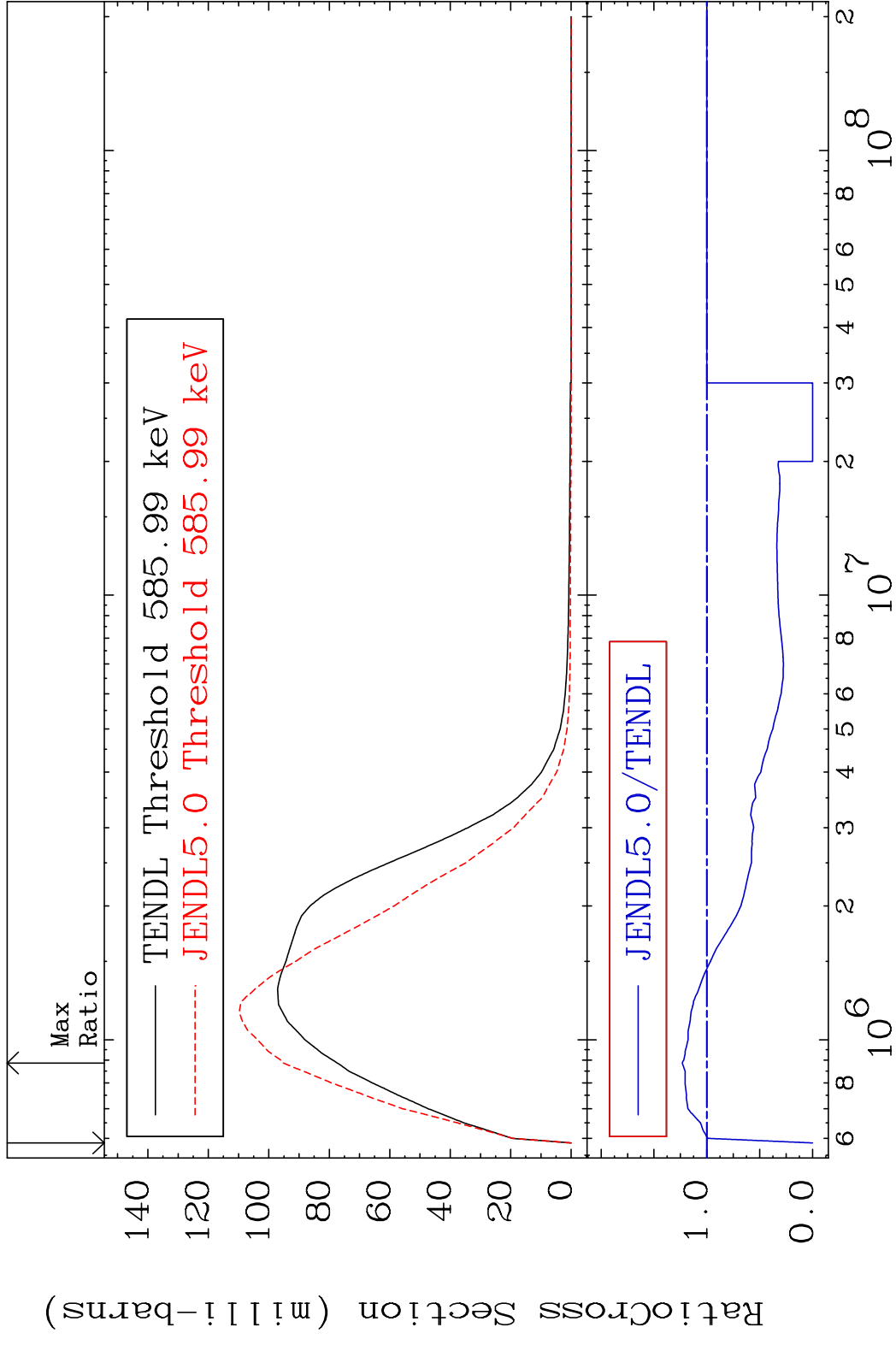
MAT 7925 MT= 55 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 2.136 %



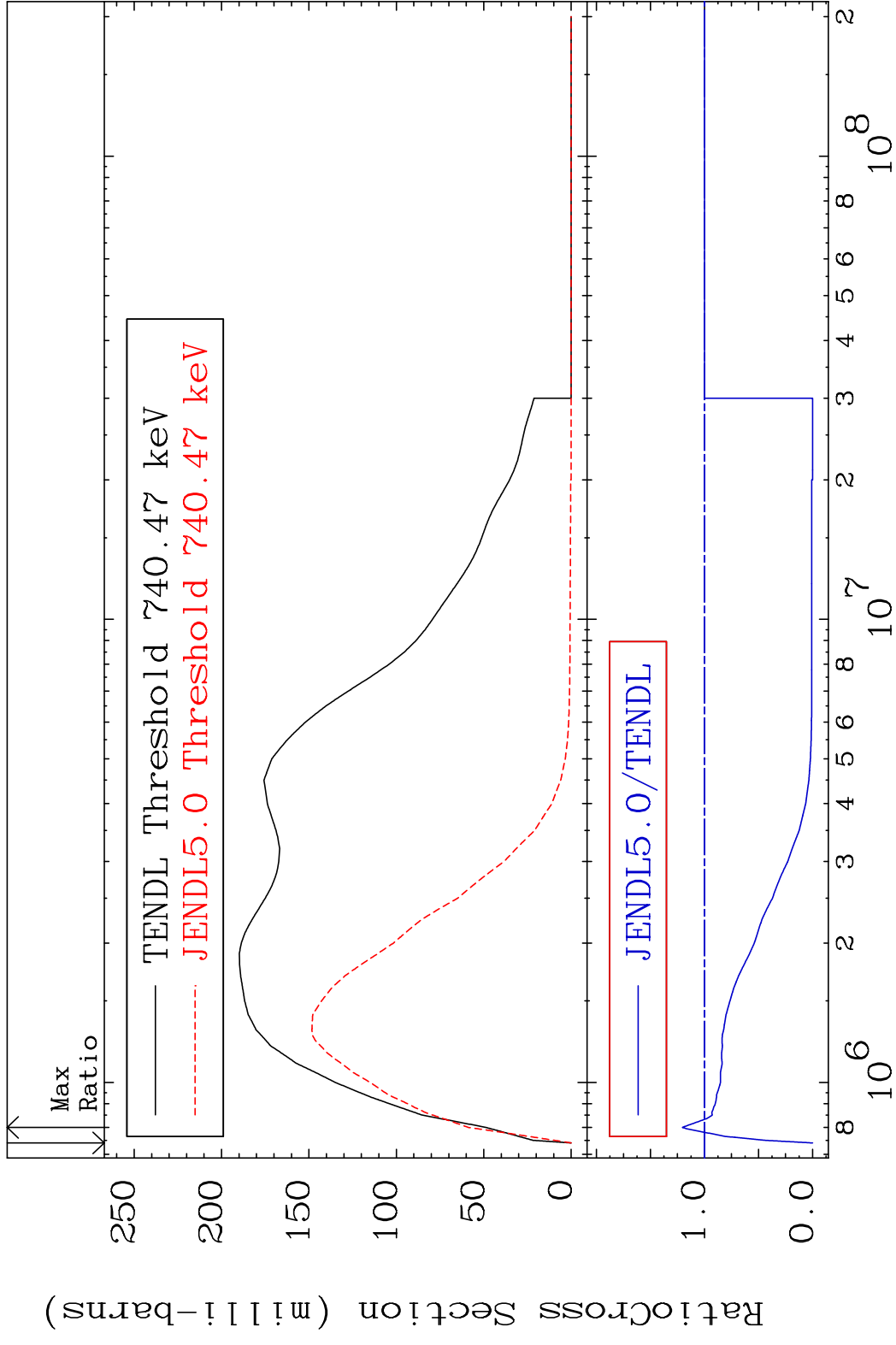
MAT 7925 MT= 56 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 45.97 %



MAT 7925 MT= 57 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 23.16 %

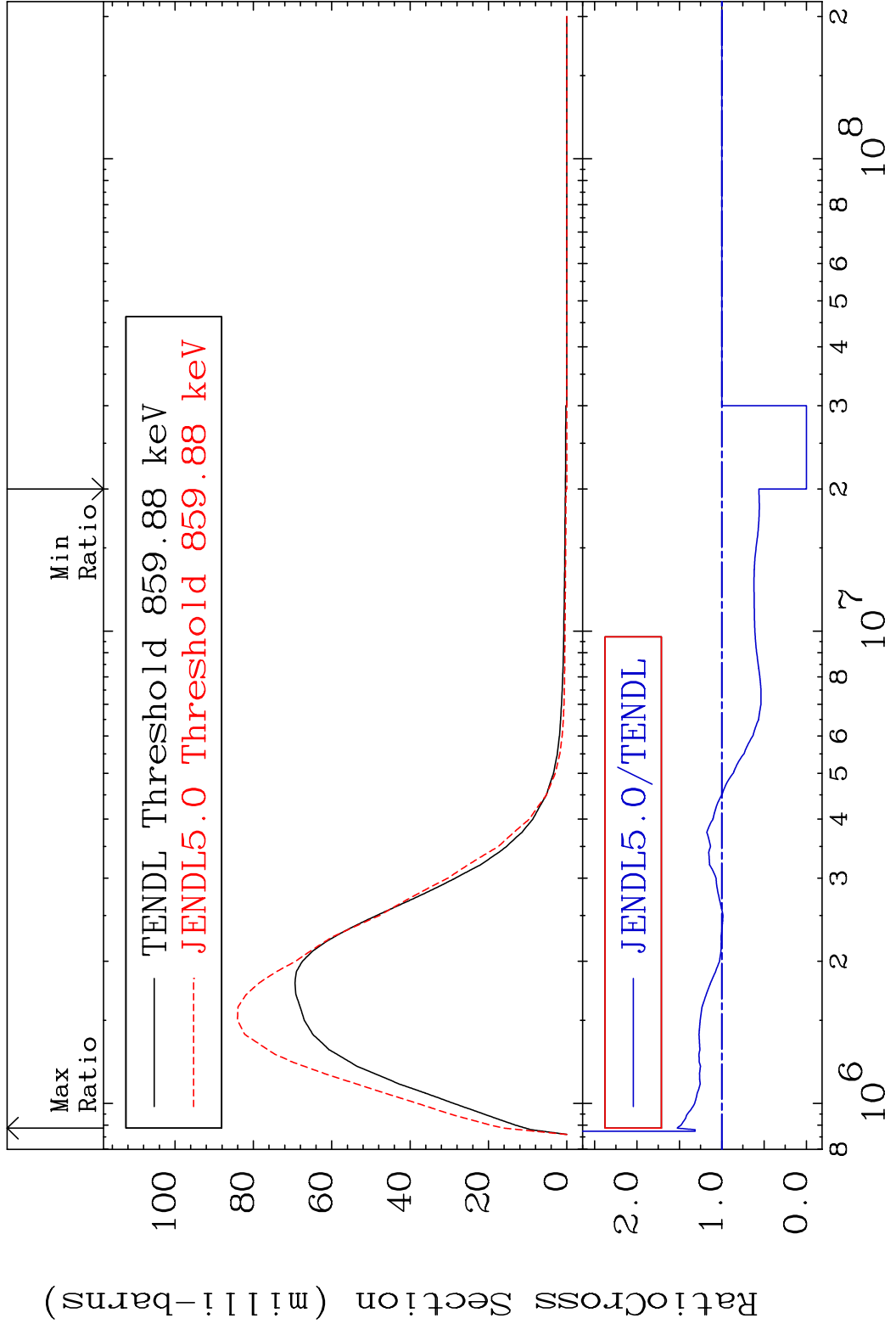


MAT 7925 MT= 58 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 20.48 %

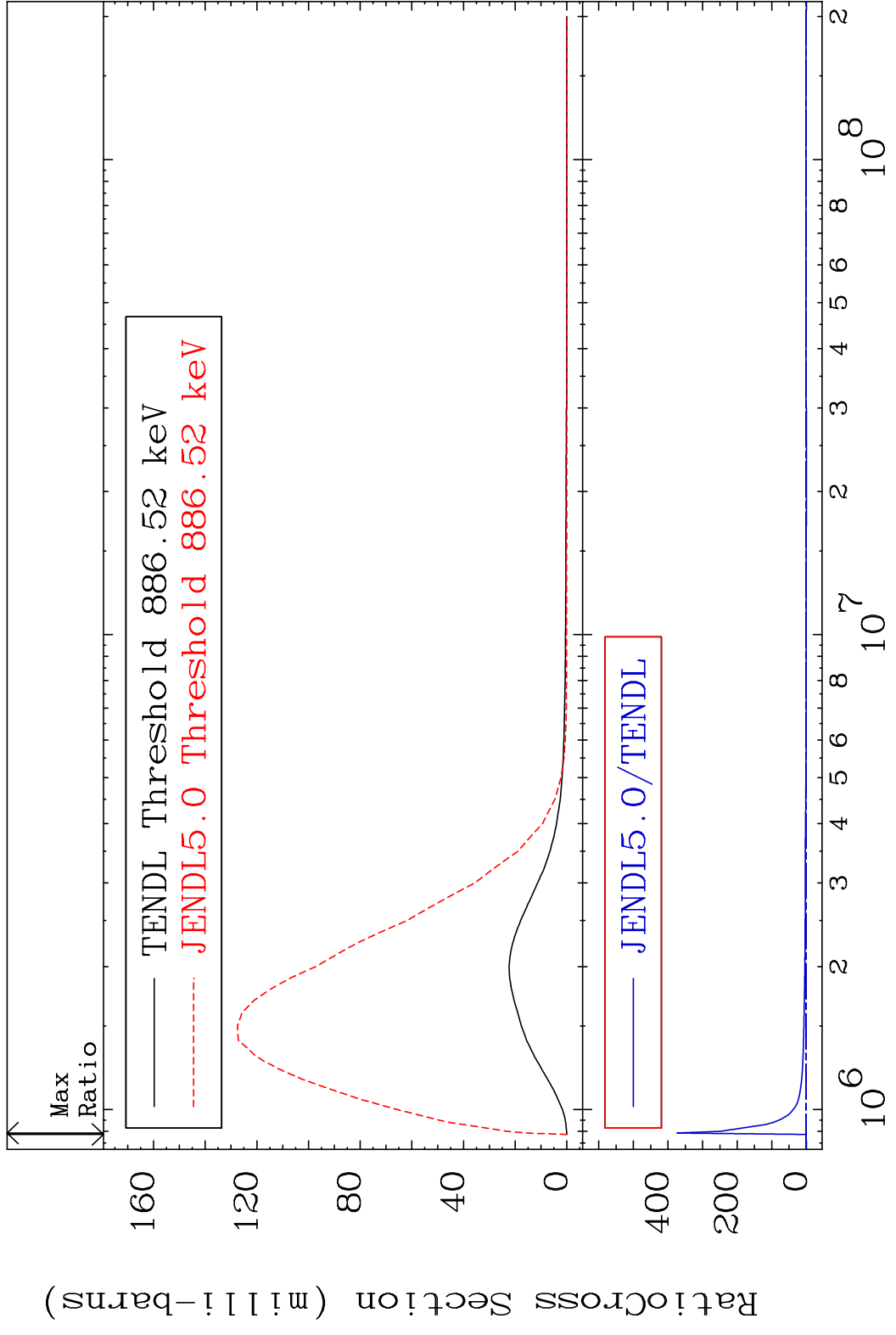


20 Incident Energy (eV) 79-Au-197

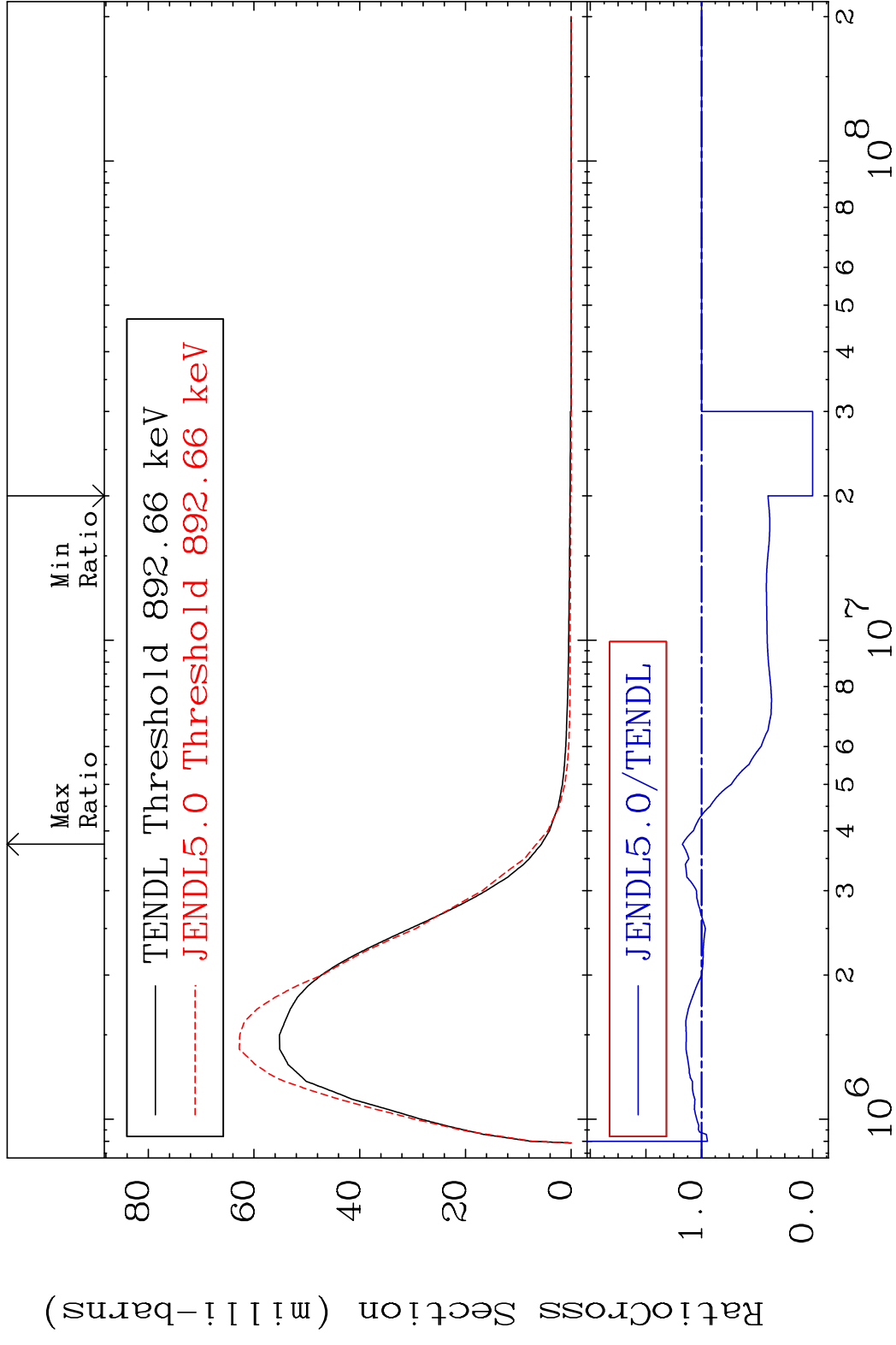
MAT 7925 MT= 59 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 52.58 %



MAT 7925 MT= 60 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 9999. %

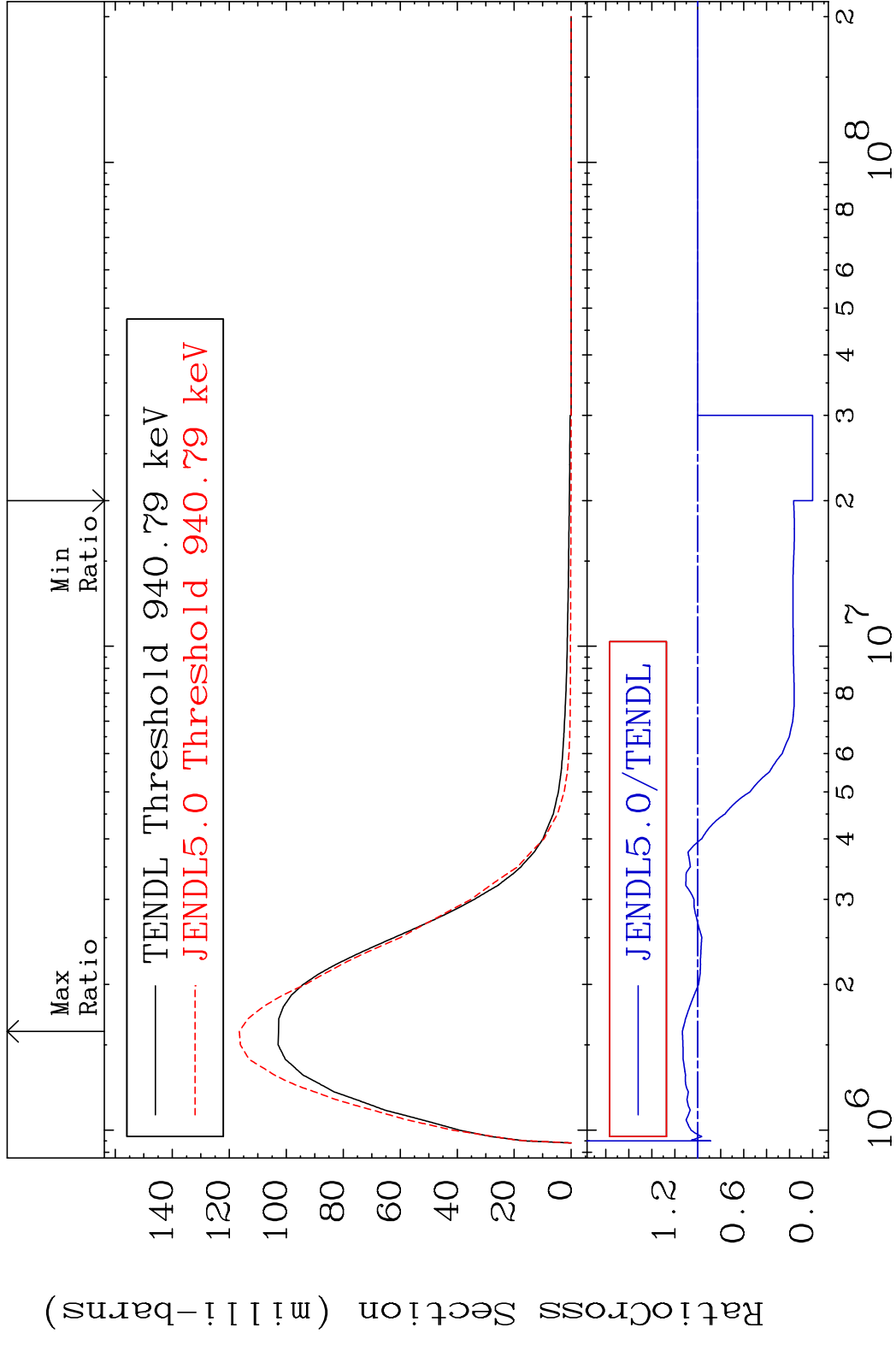


MAT 7925 MT= 61 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 17.18 %

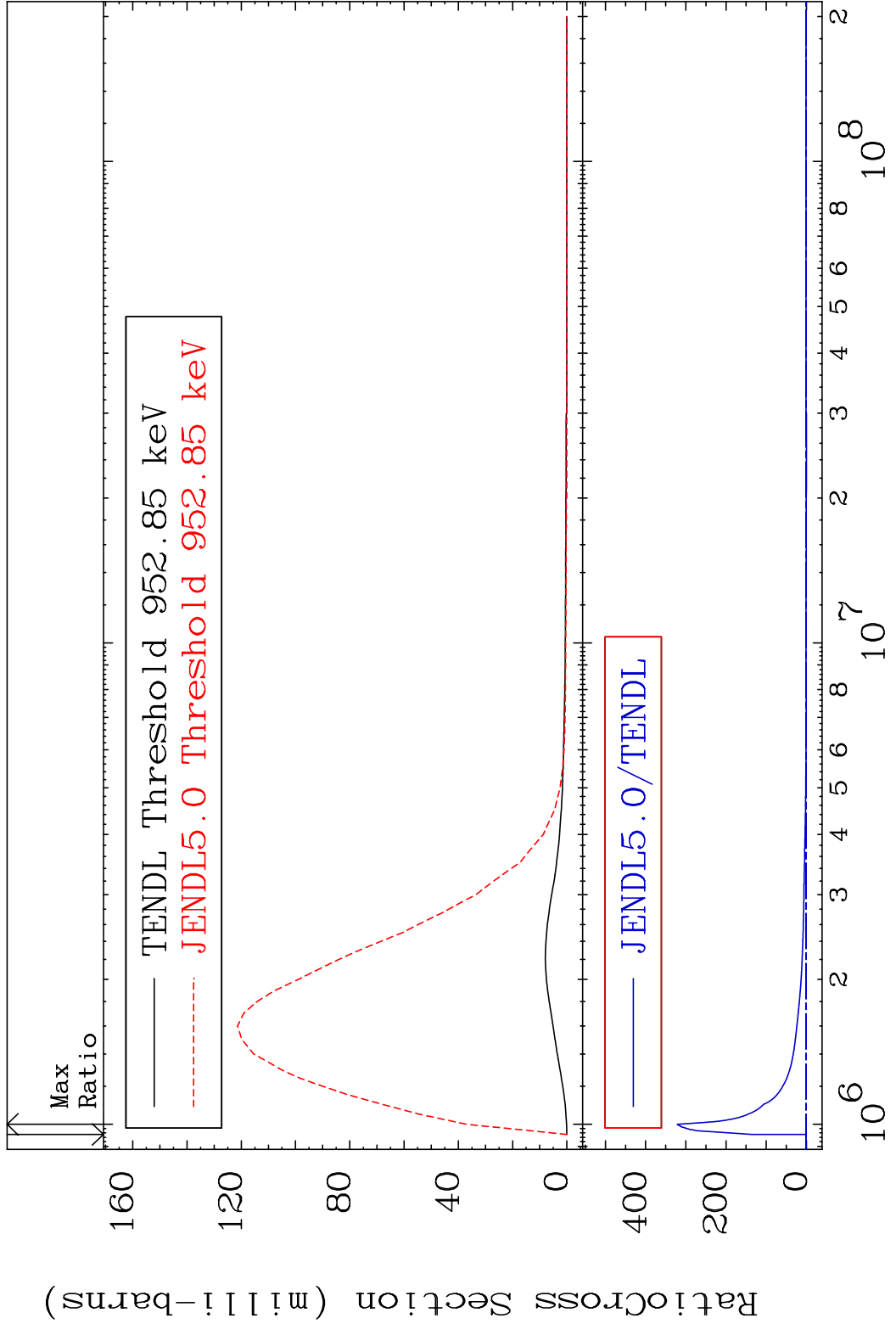




MAT 7925 MT= 62 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 13.38 %

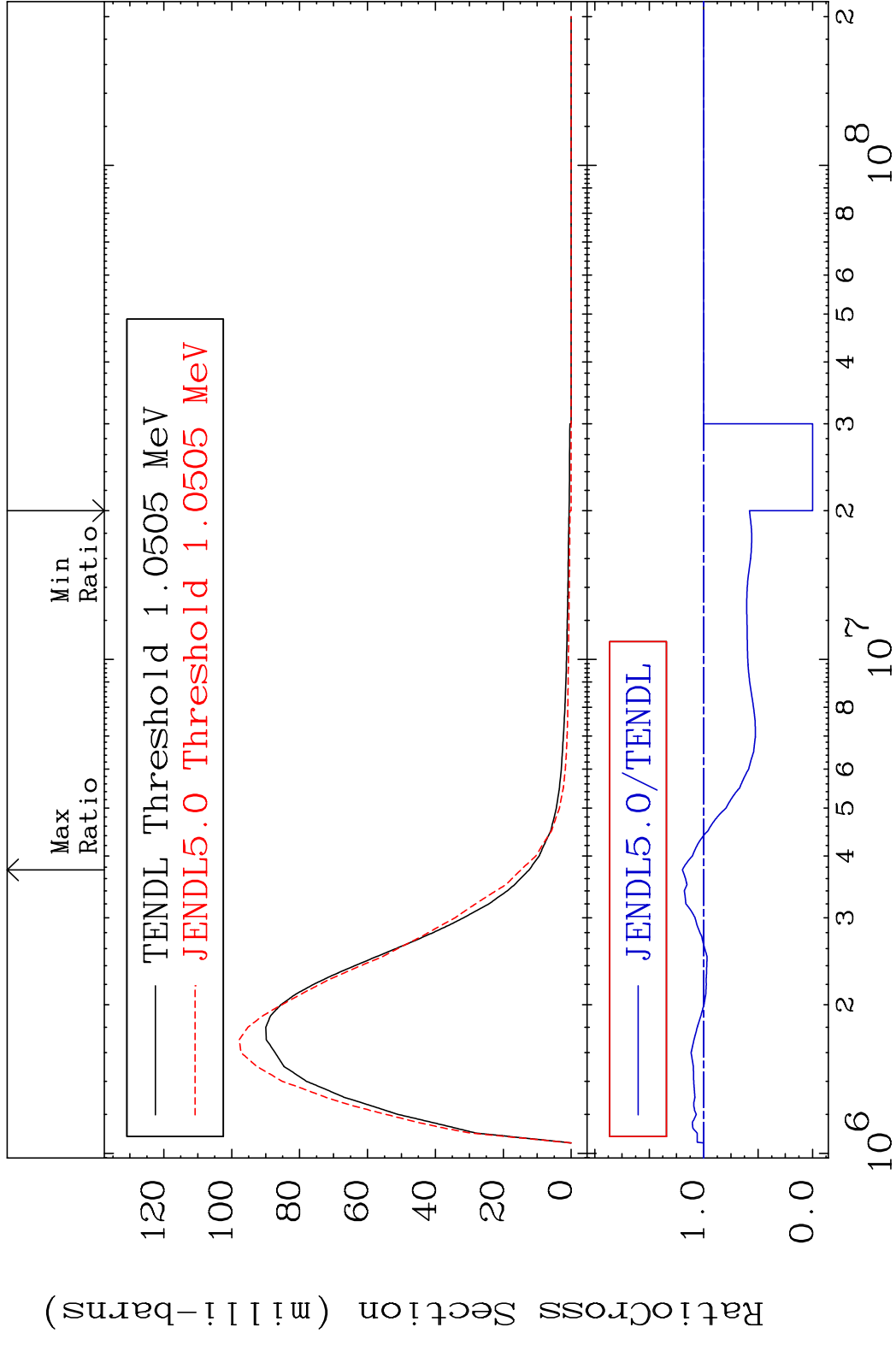


MAT 7925 MT= 63 (n,n') Level 79-Au-197  
Cross Section -100.0 To 9999. %

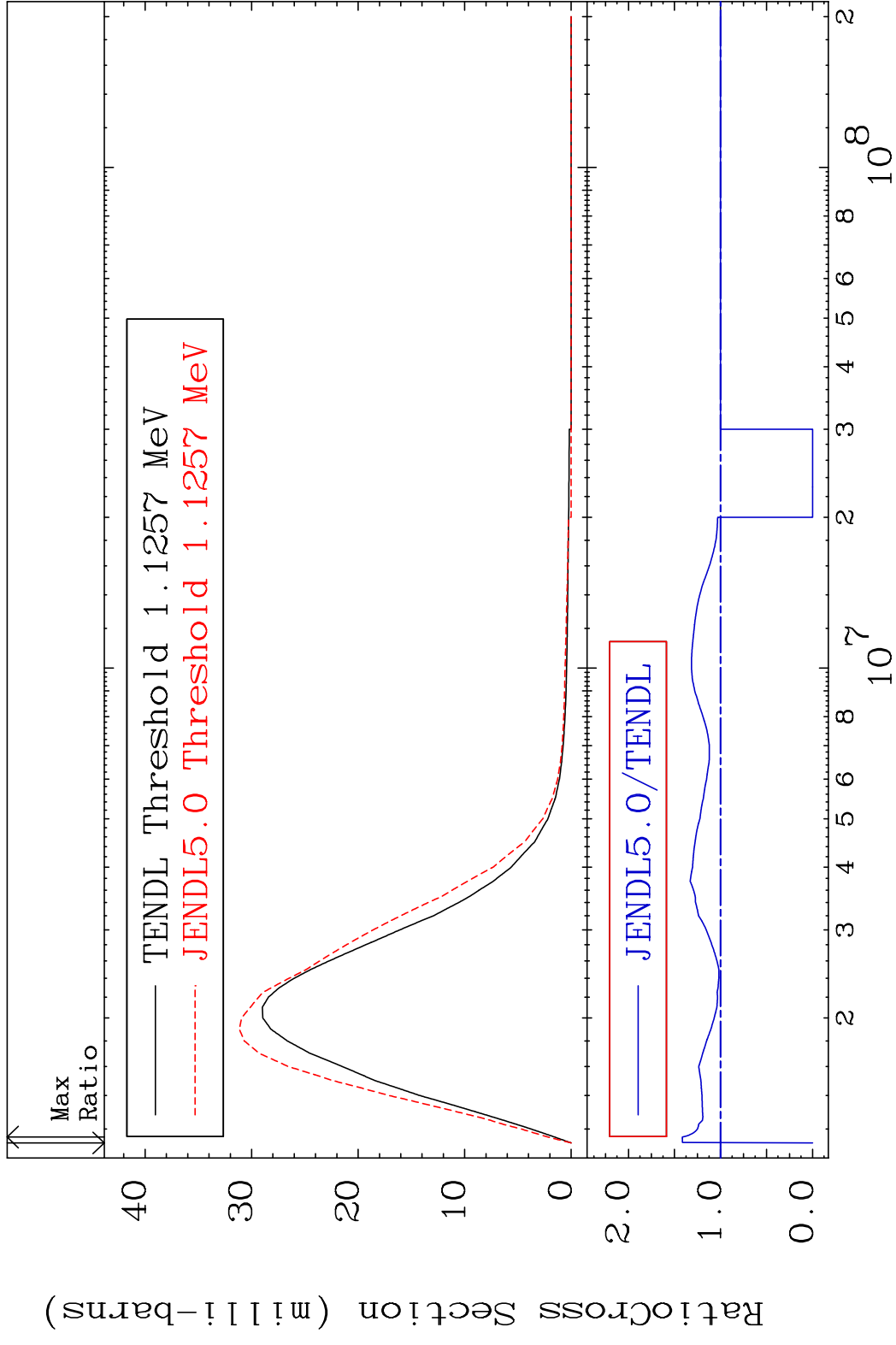


25 Incident Energy (eV) 79-Au-197

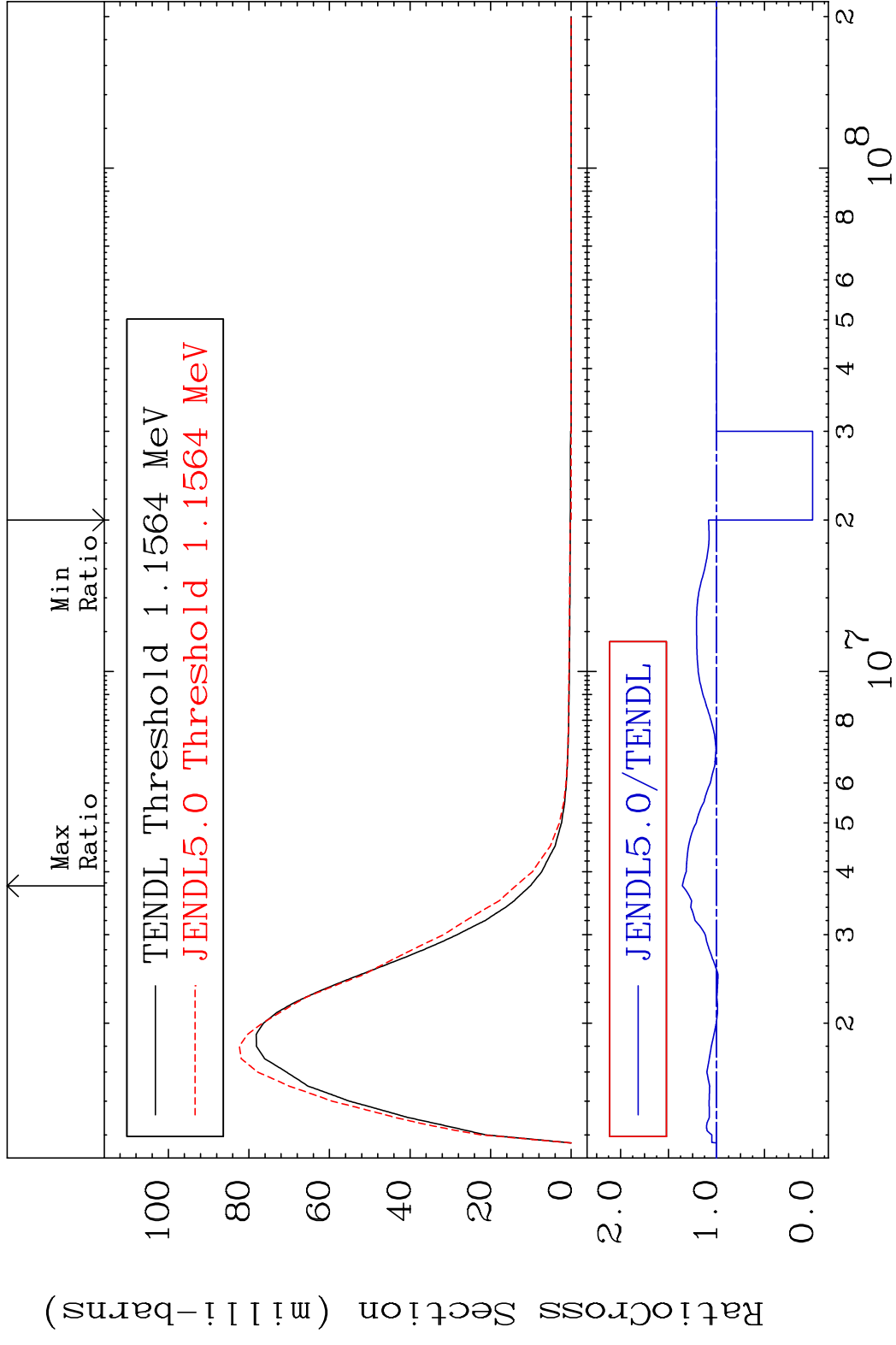
MAT 7925 MT= 64 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 19.56 %



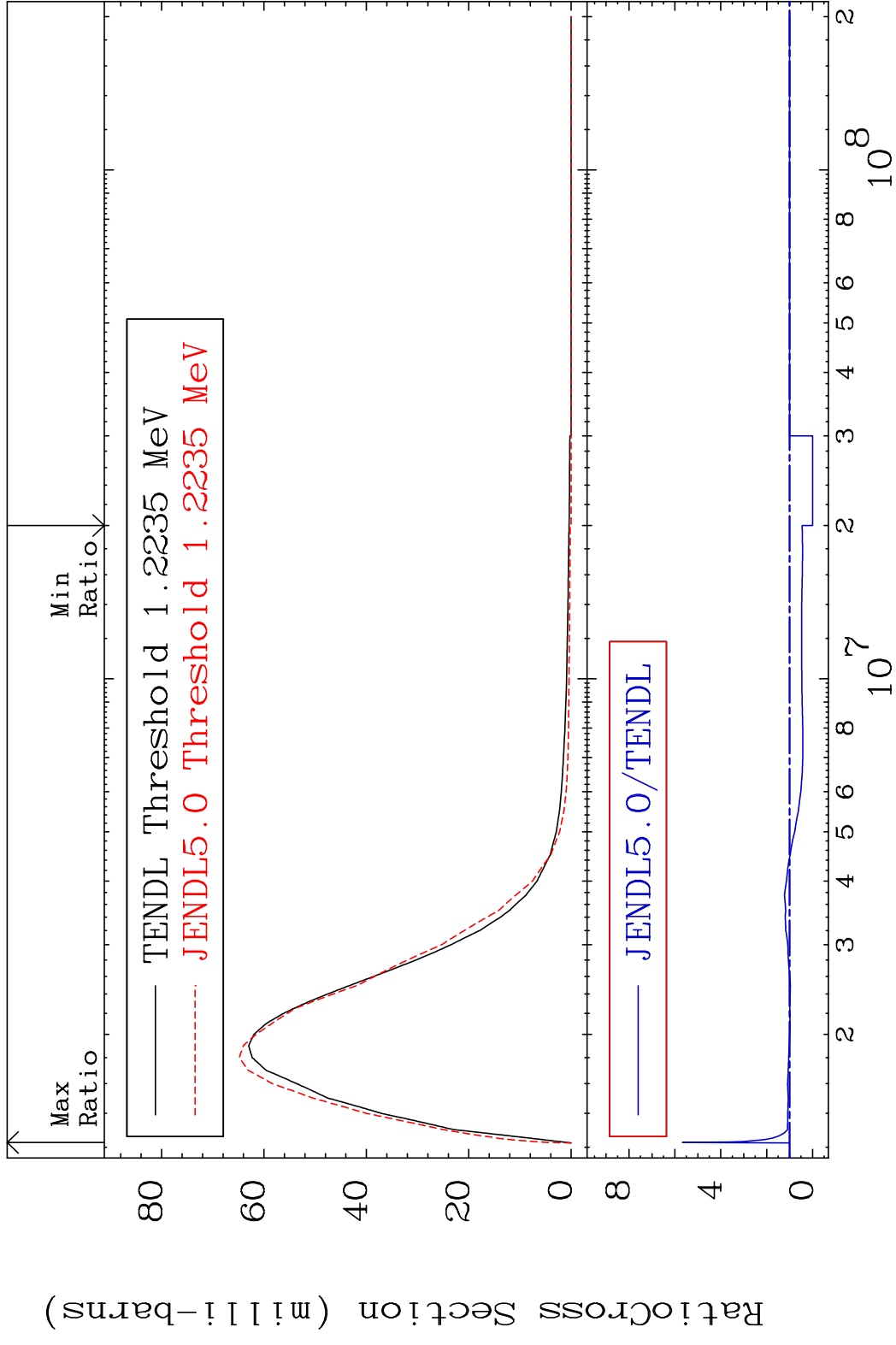
MAT 7925      MT= 65 (n,n') Level      79-Au-197  
 Cross Section    -100.0 To 41.46 %



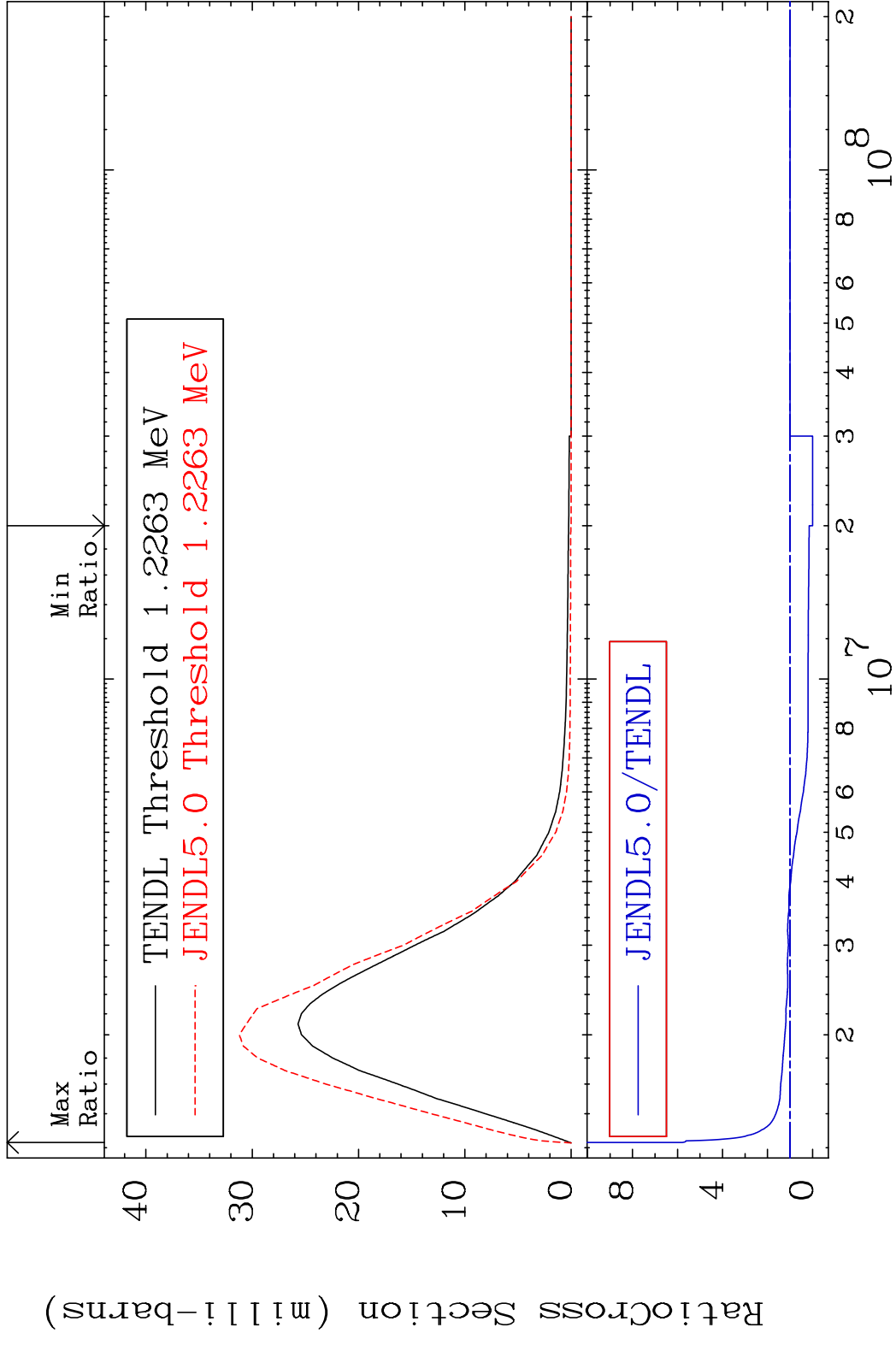
MAT 7925 MT= 66 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 35.66 %



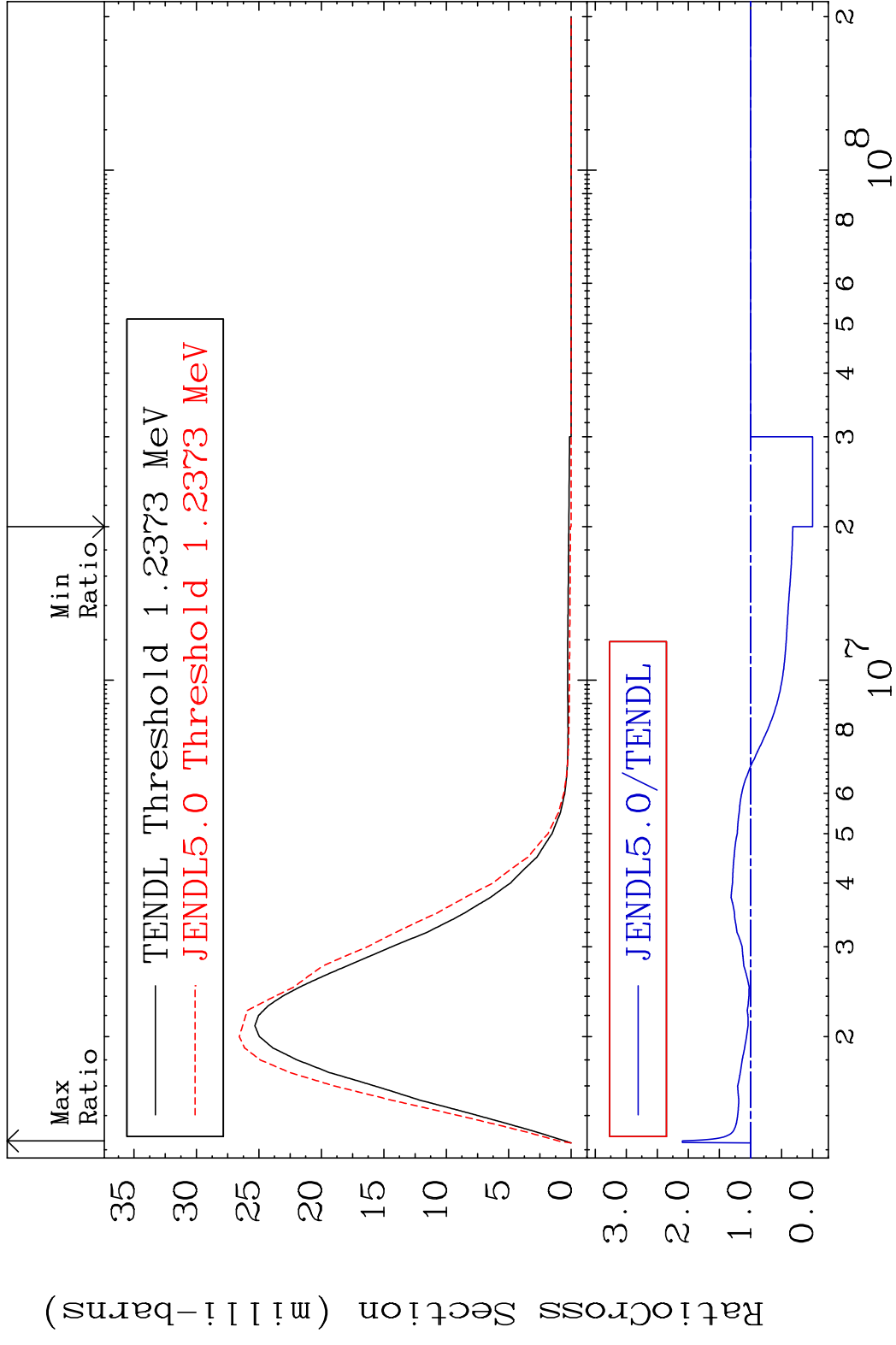
MAT 7925      MT= 67 (n, n') Level      79-Au-197  
 Cross Section    -100.0 To 467.5 %



MAT 7925 MT= 68 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 478.5 %

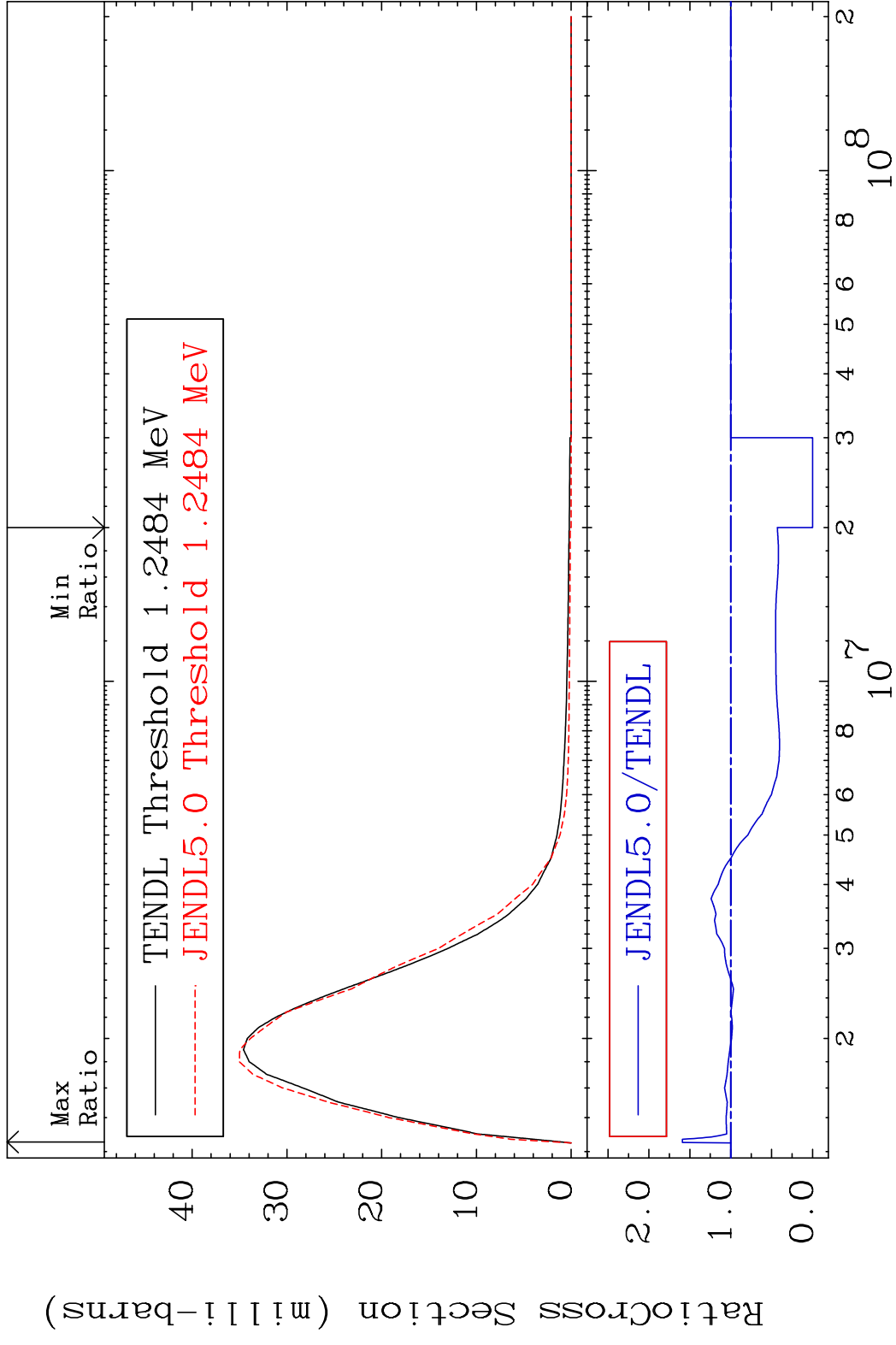


MAT 7925 MT= 69 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 109.7 %

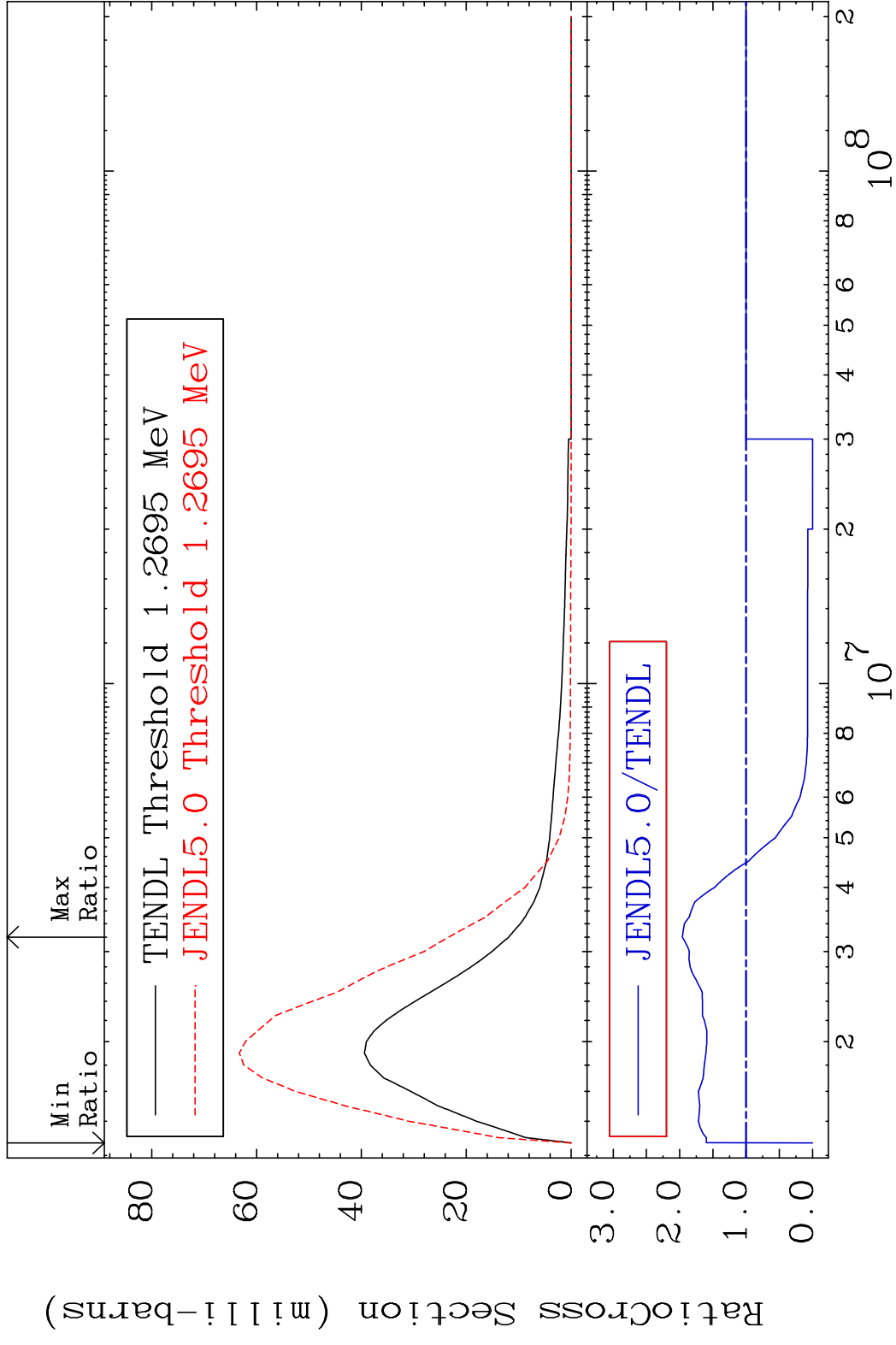




MAT 7925 MT= 70 (n, n') Level 79-Au-197  
 Cross Section -100.0 To 59.18 %



MAT 7925 MT= 71 (n,n') Level 79-Au-197  
 Cross Section -100.0 To 95.98 %

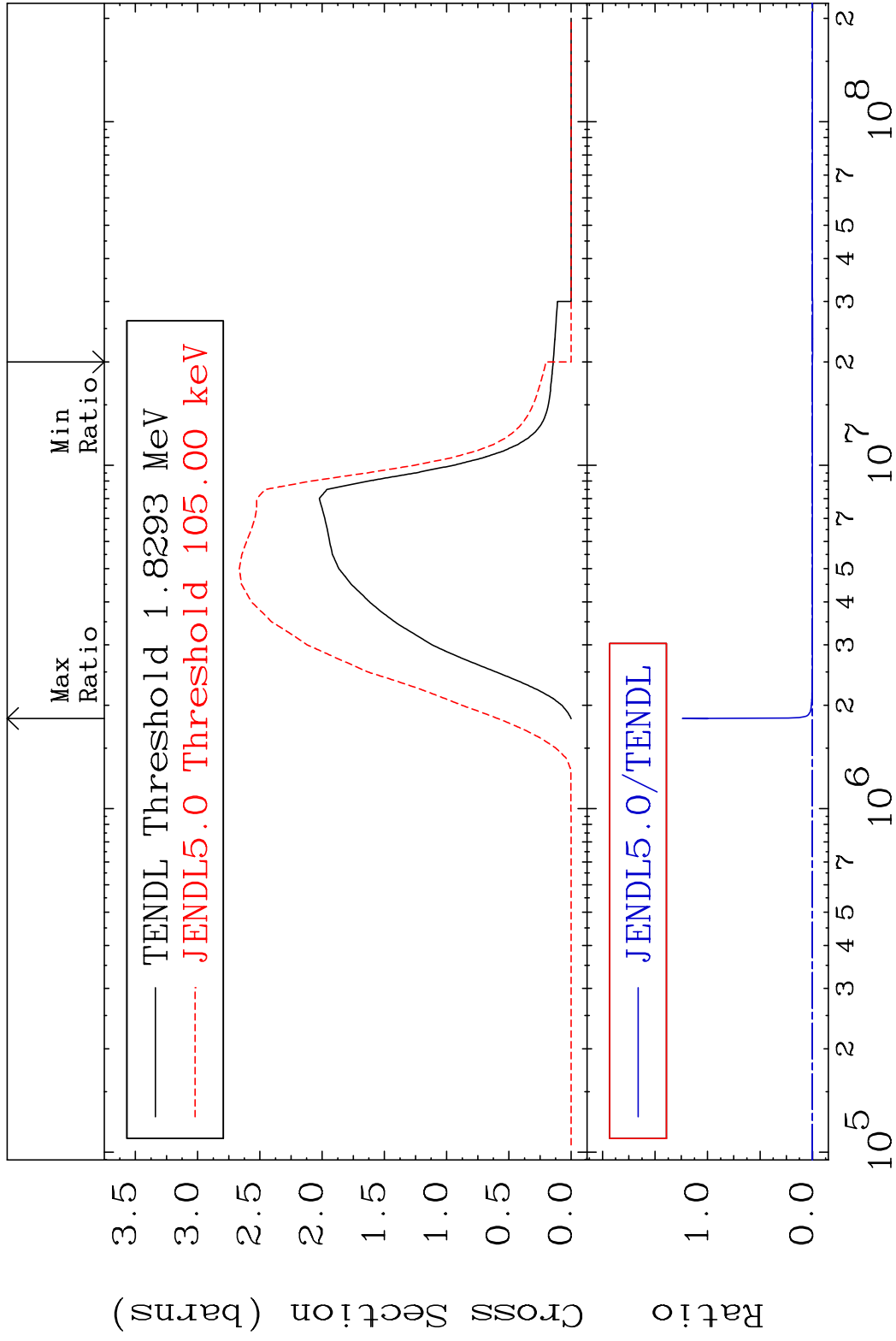


MAT 7925

(n,n') Continuum

79-Au-197

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

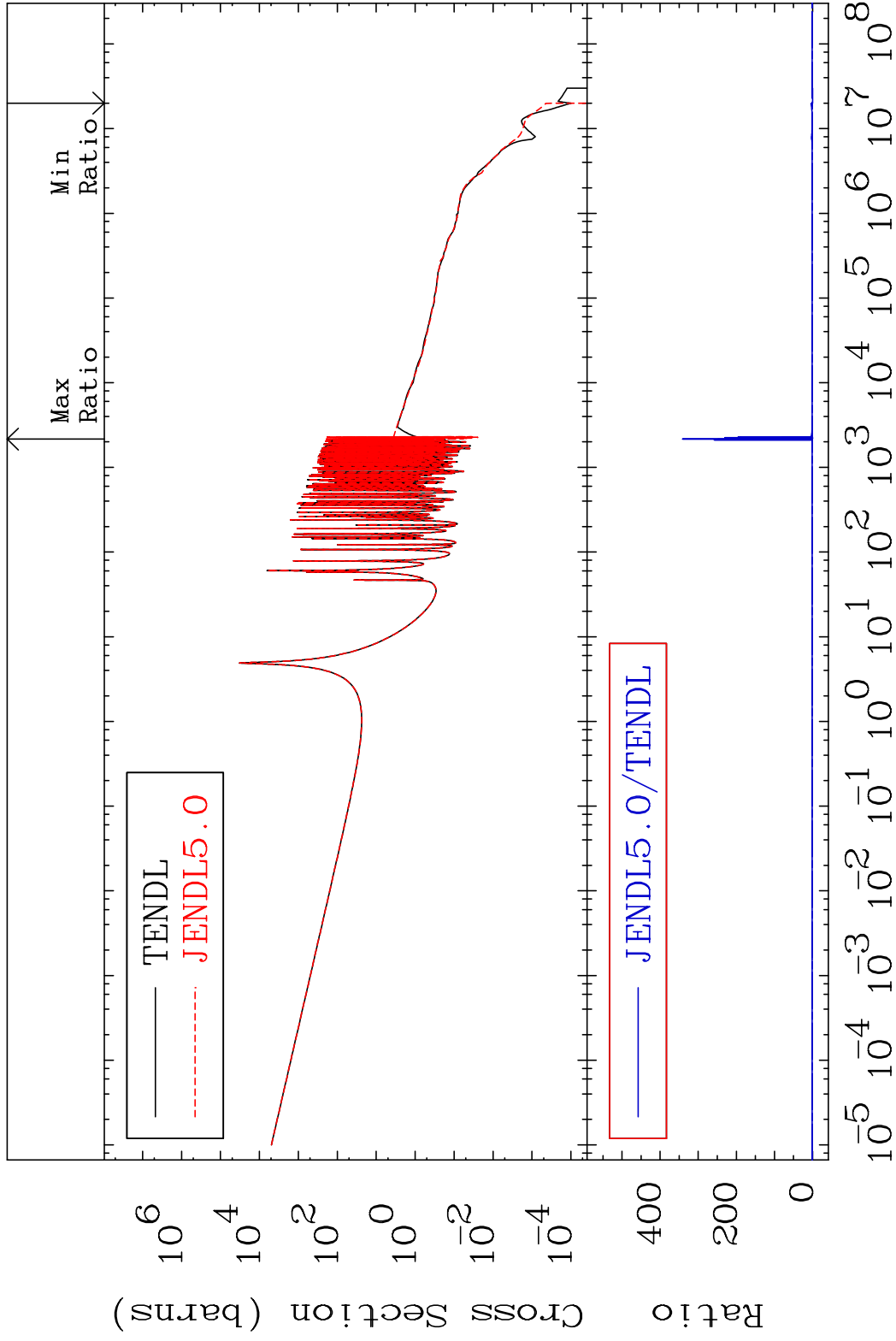
79-Au-197

MAT 7925

(n,  $\gamma$ )

79-Au-197

Cross Section -100.0 To 9999. %



35

Incident Energy (eV)

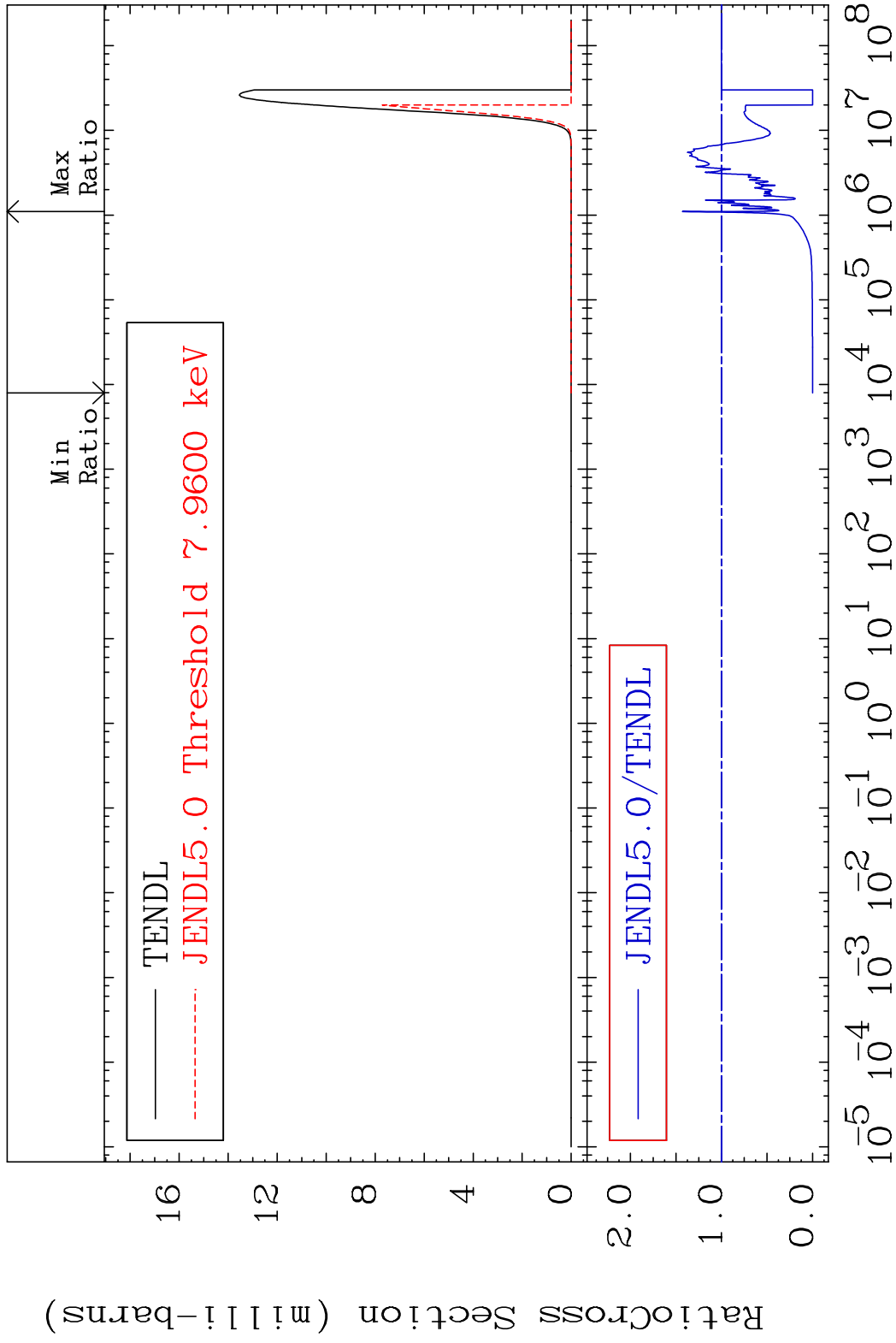
79-Au-197

MAT 7925

(n, p)

79-Au-197

Cross Section -100.0 To 42.99 %



36

Incident Energy (eV)

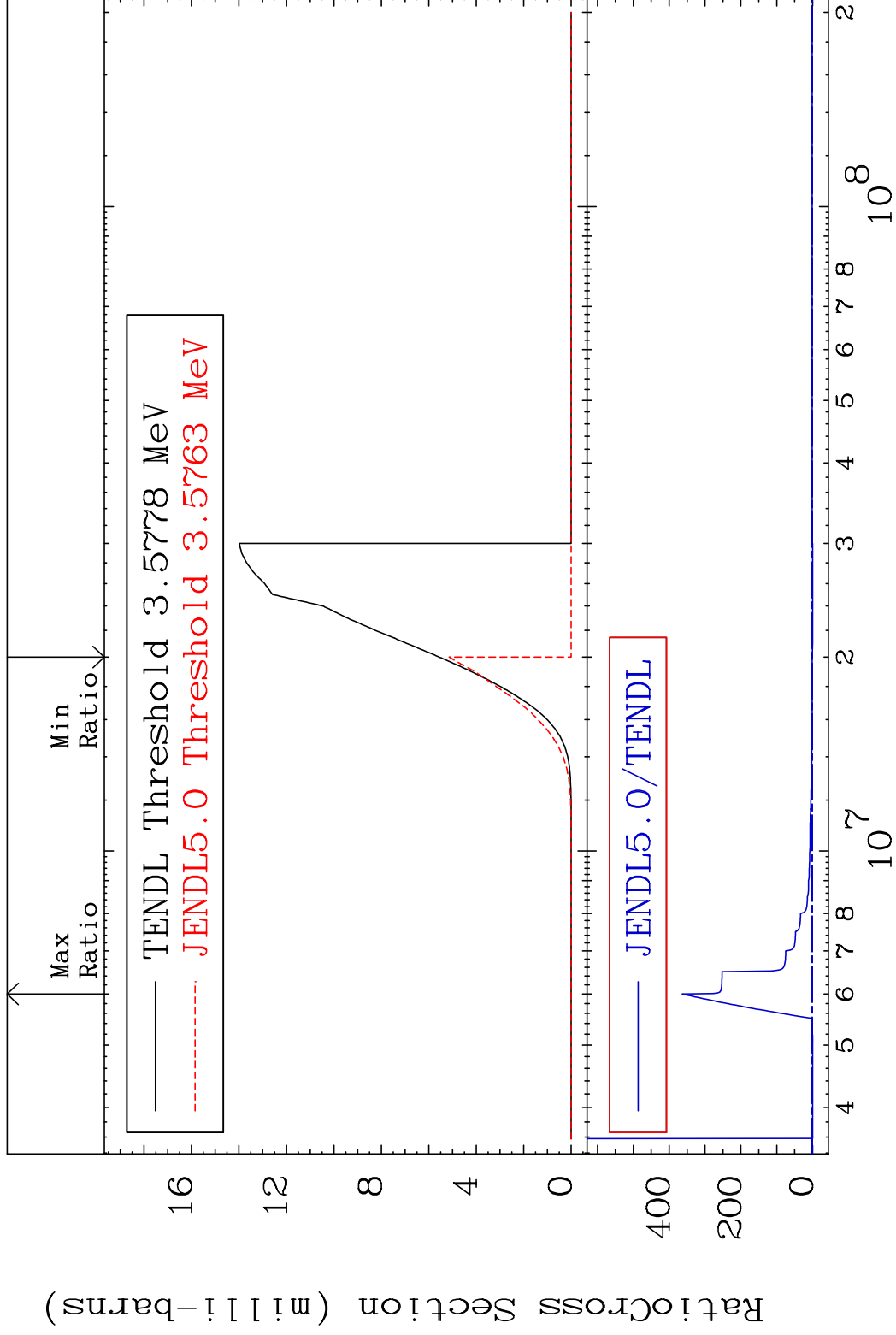
79-Au-197

MAT 7925

(n,d)

79-Au-197

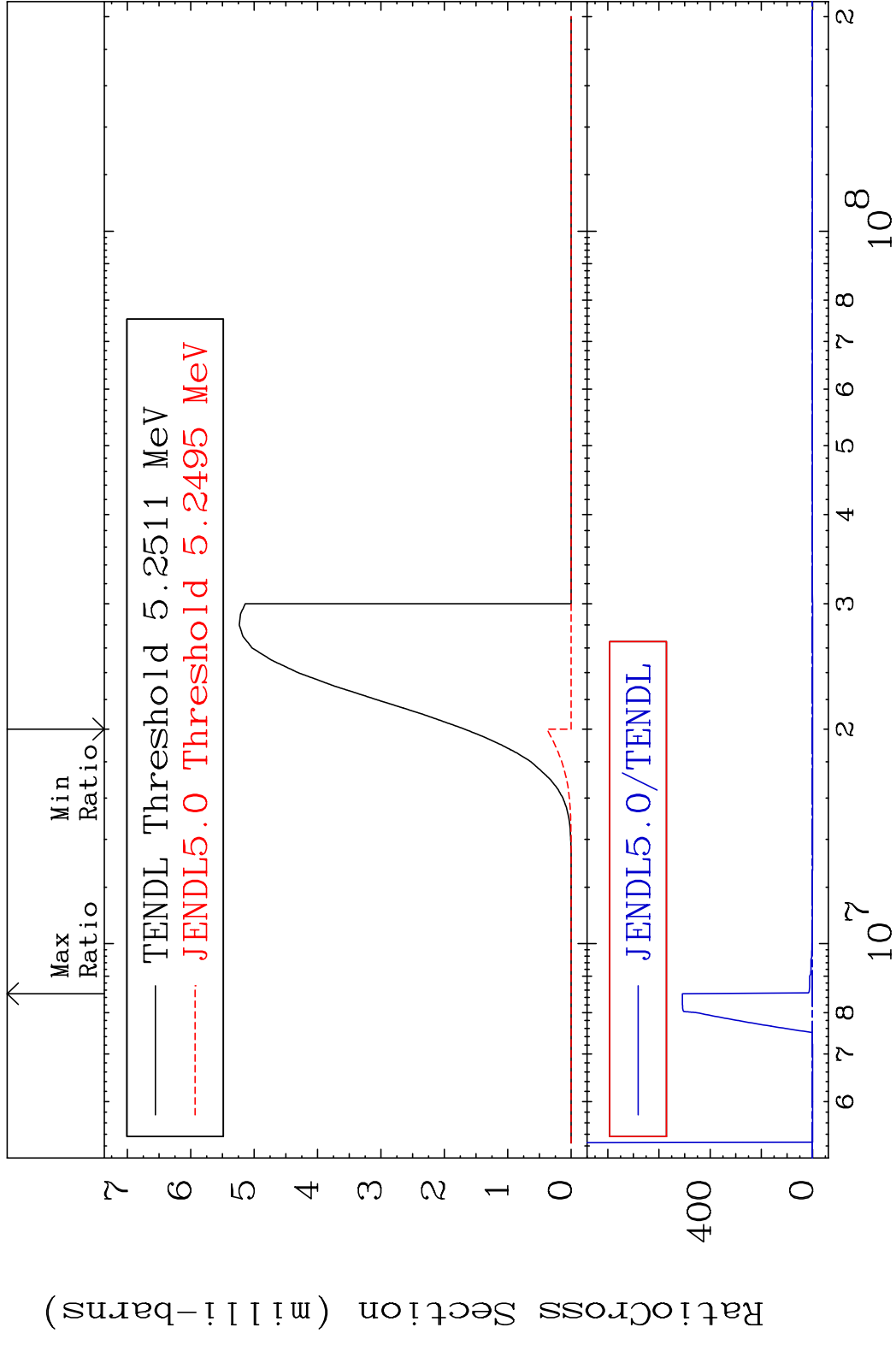
Cross Section -100.0 To 9999. %



37

Incident Energy (eV)

79-Au-197

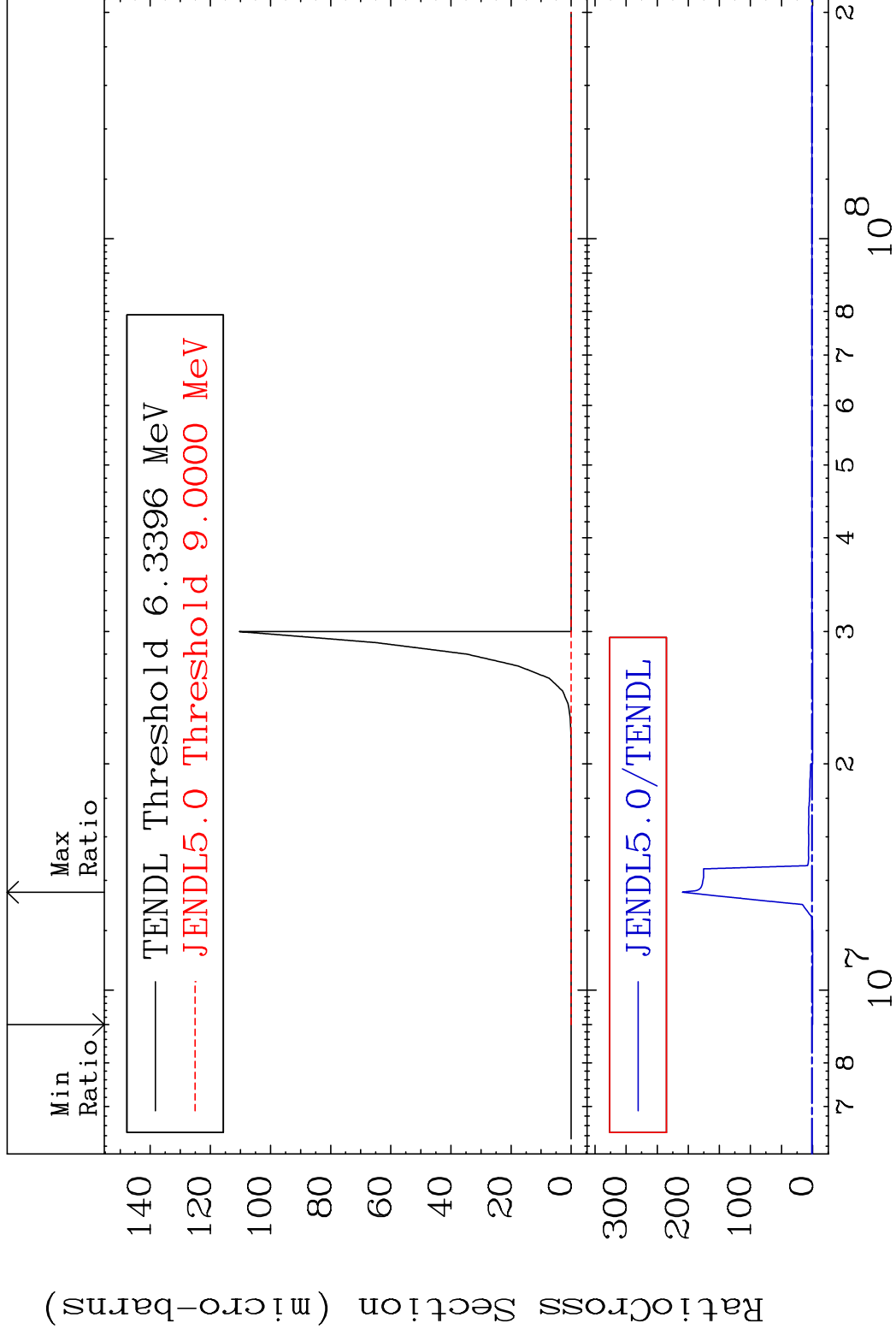


MAT 7925

(n, He-3)

79-Au-197

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

79-Au-197

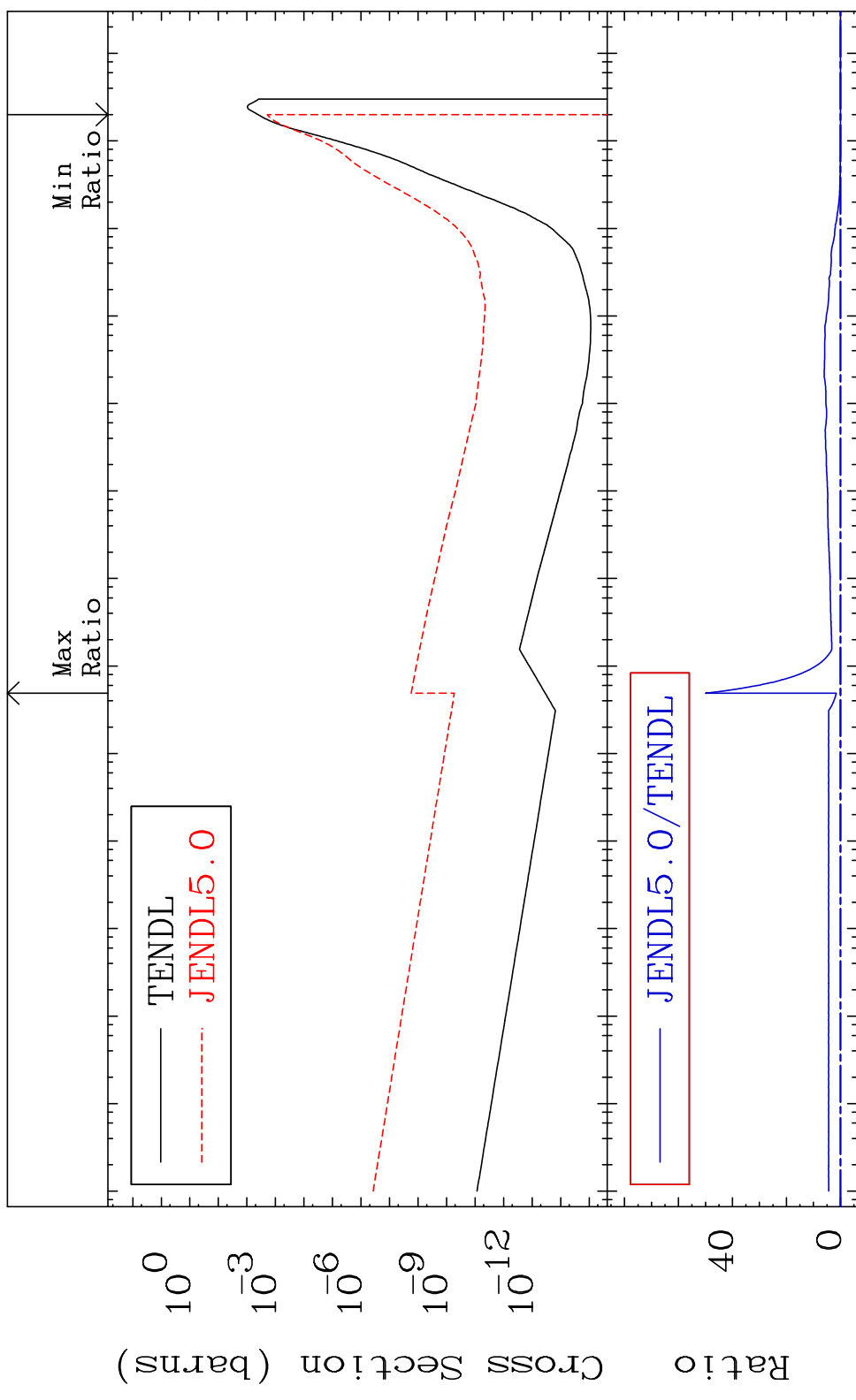


MAT 7925

(n,  $\alpha$ )

79-Au-197

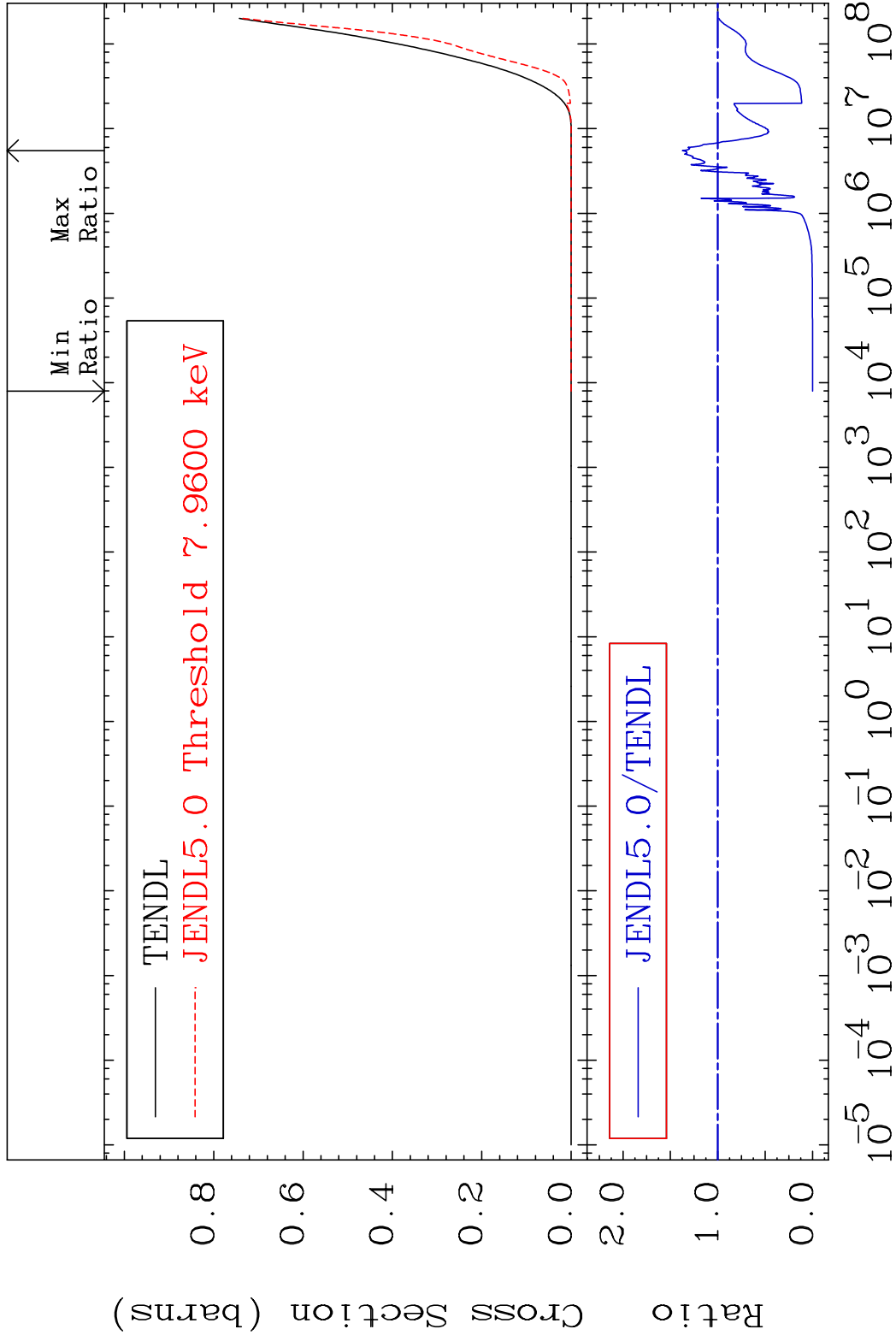
Cross Section -100.0 To 9999. %

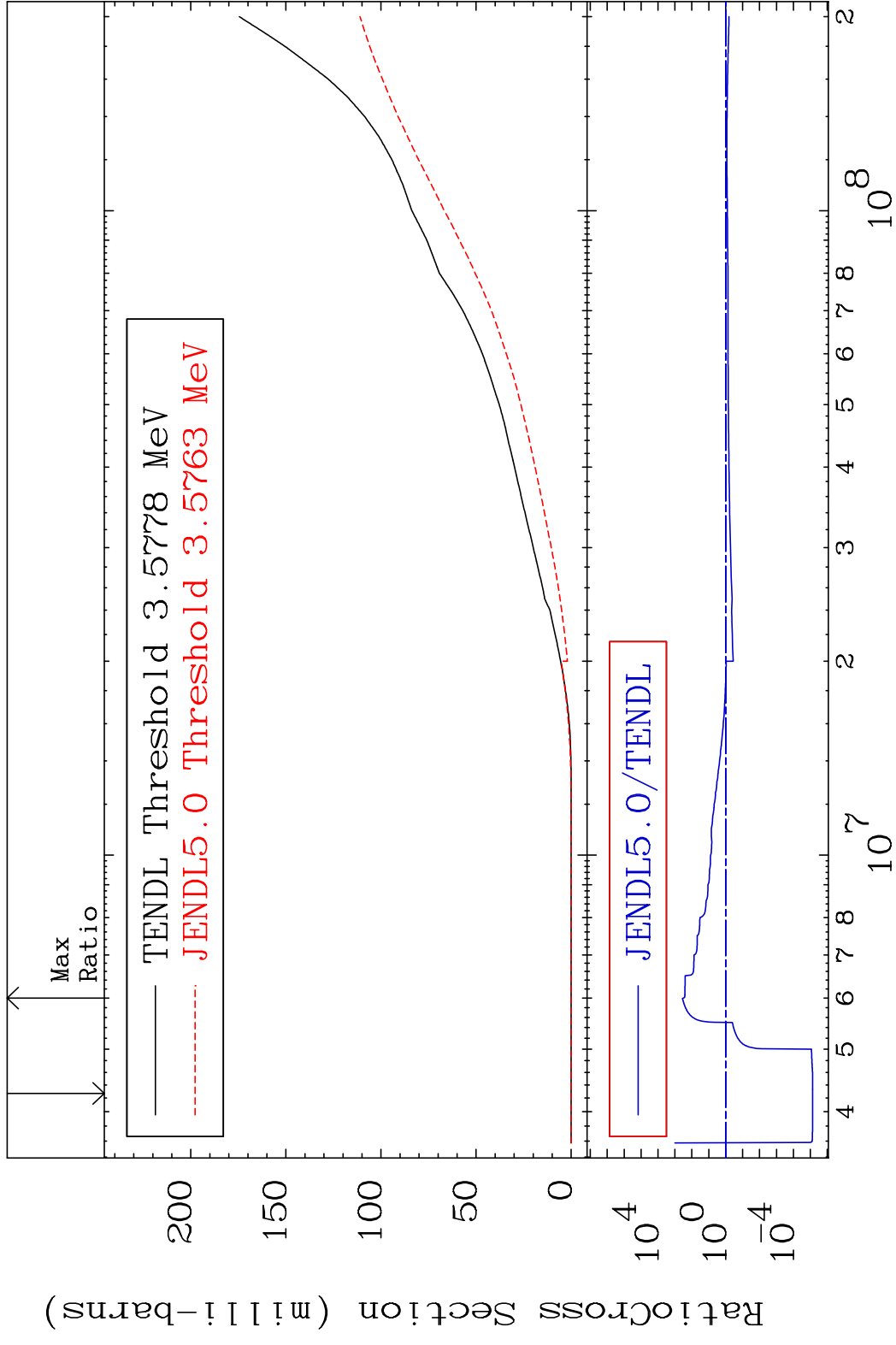


40

Incident Energy (eV)

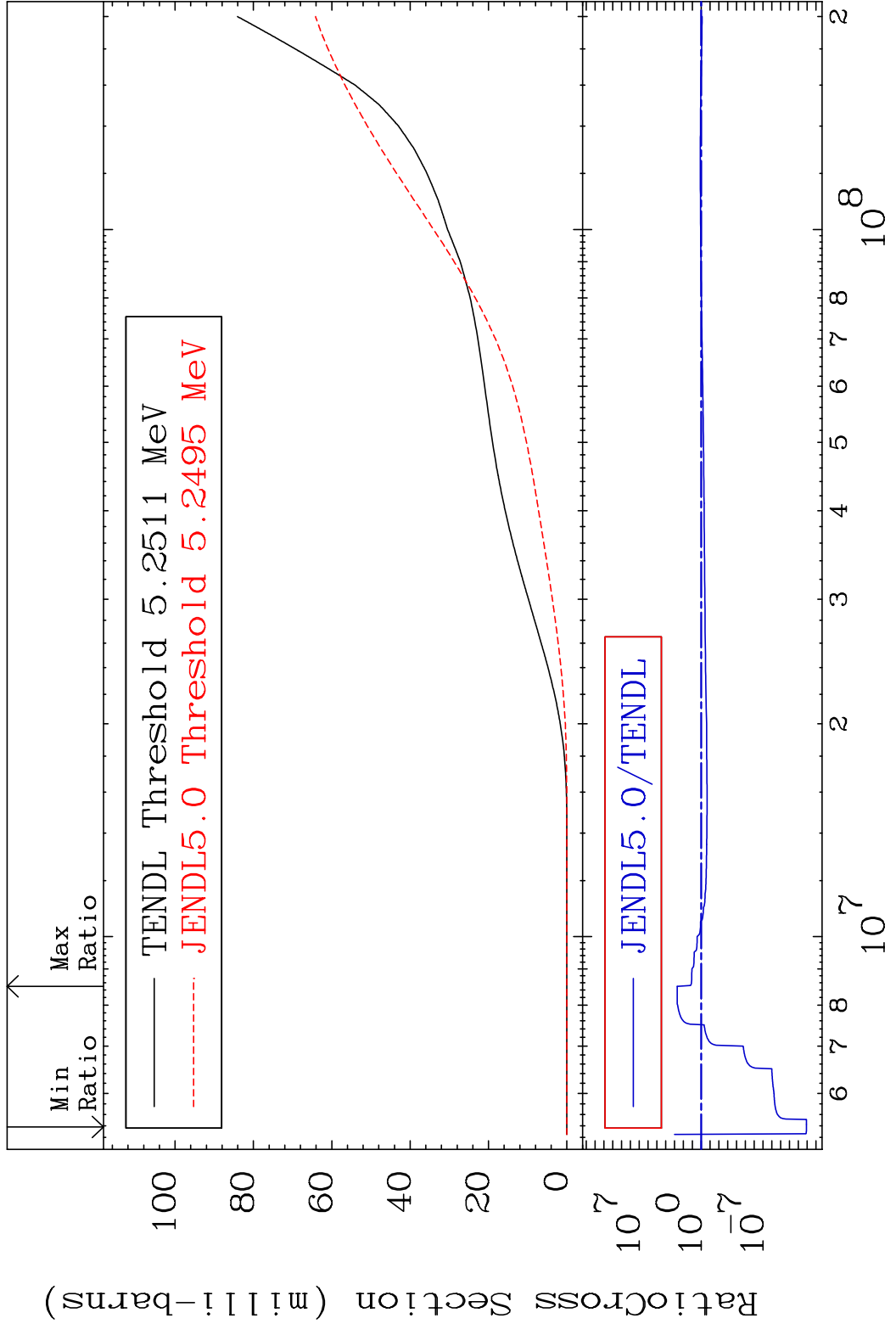
79-Au-197



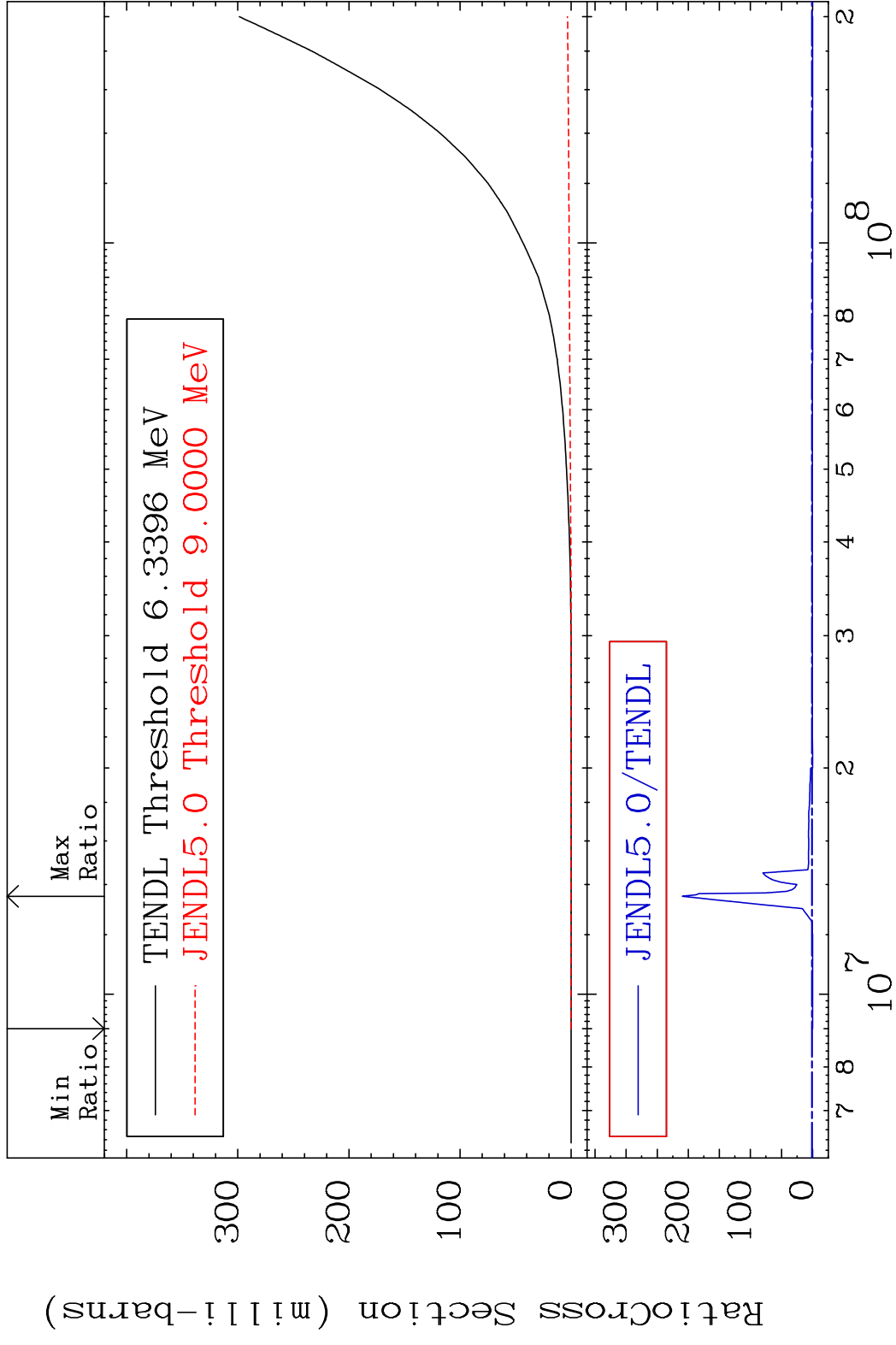


MAT 7925

Tritium Production 79-Au-197  
Cross Section -100.0 To 9999. %



Cross Section -100.0 To 9999. %

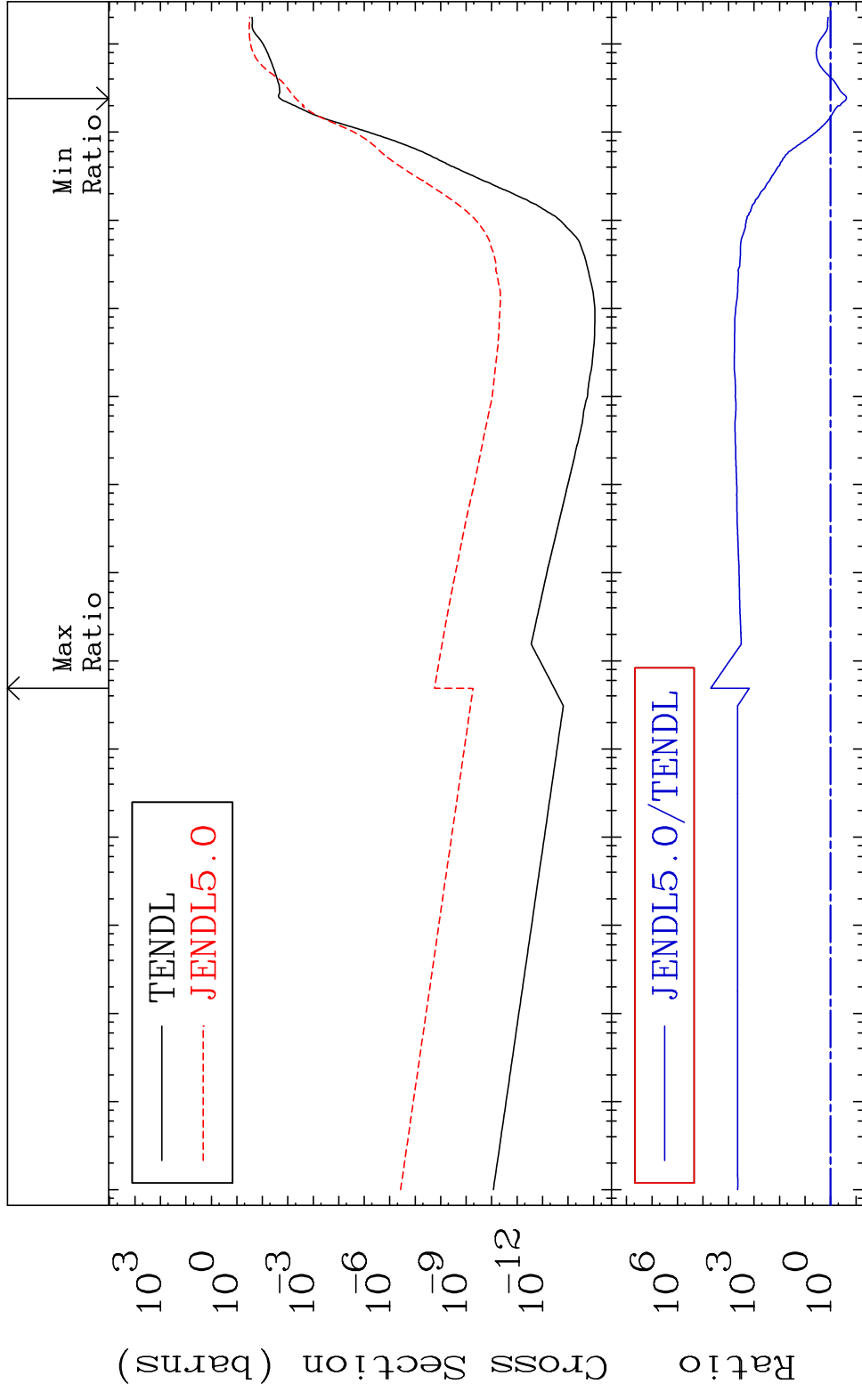


MAT 7925

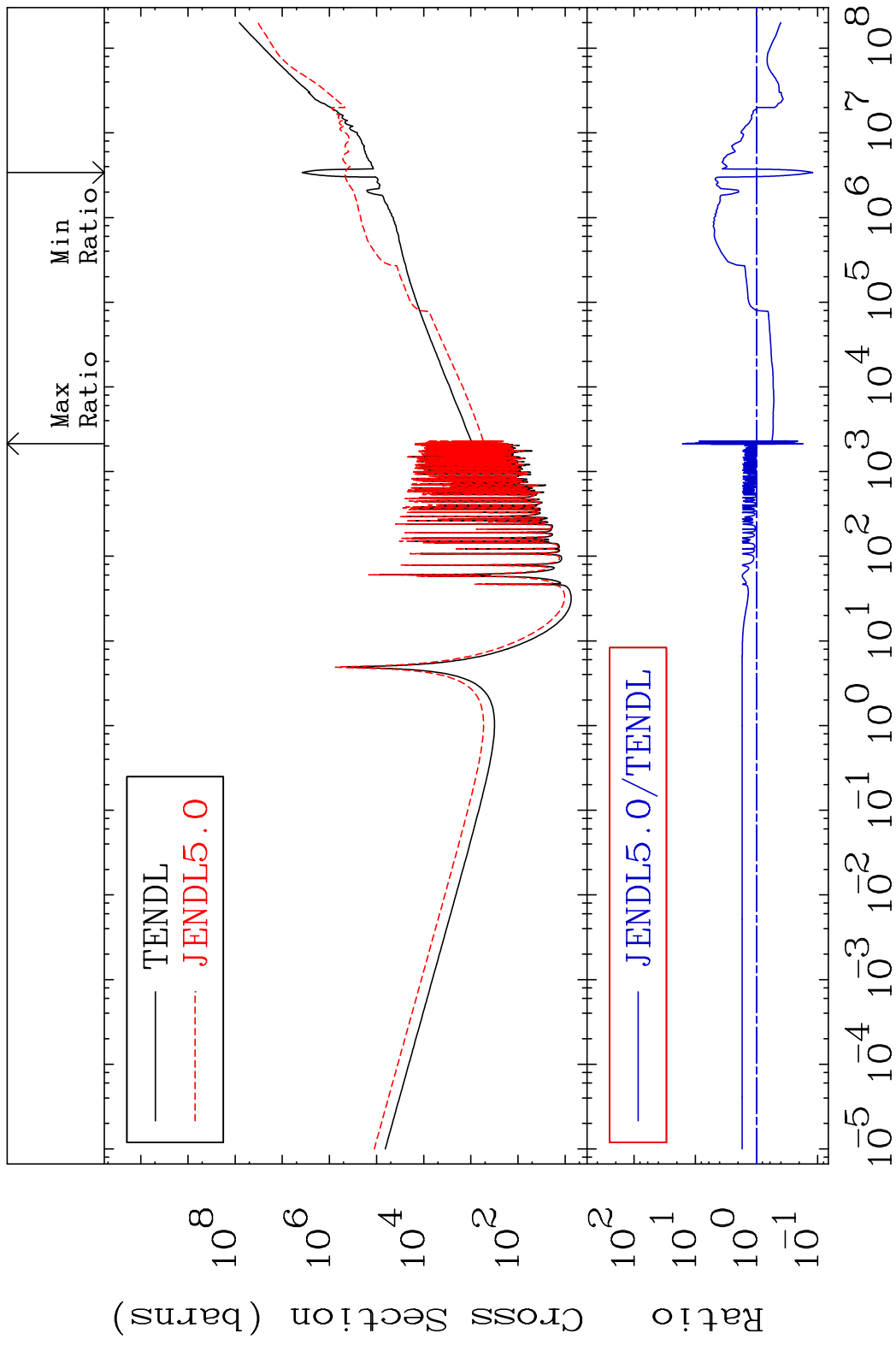
He-4 Production

79-Au-197

Cross Section -75.87 To 9999. %



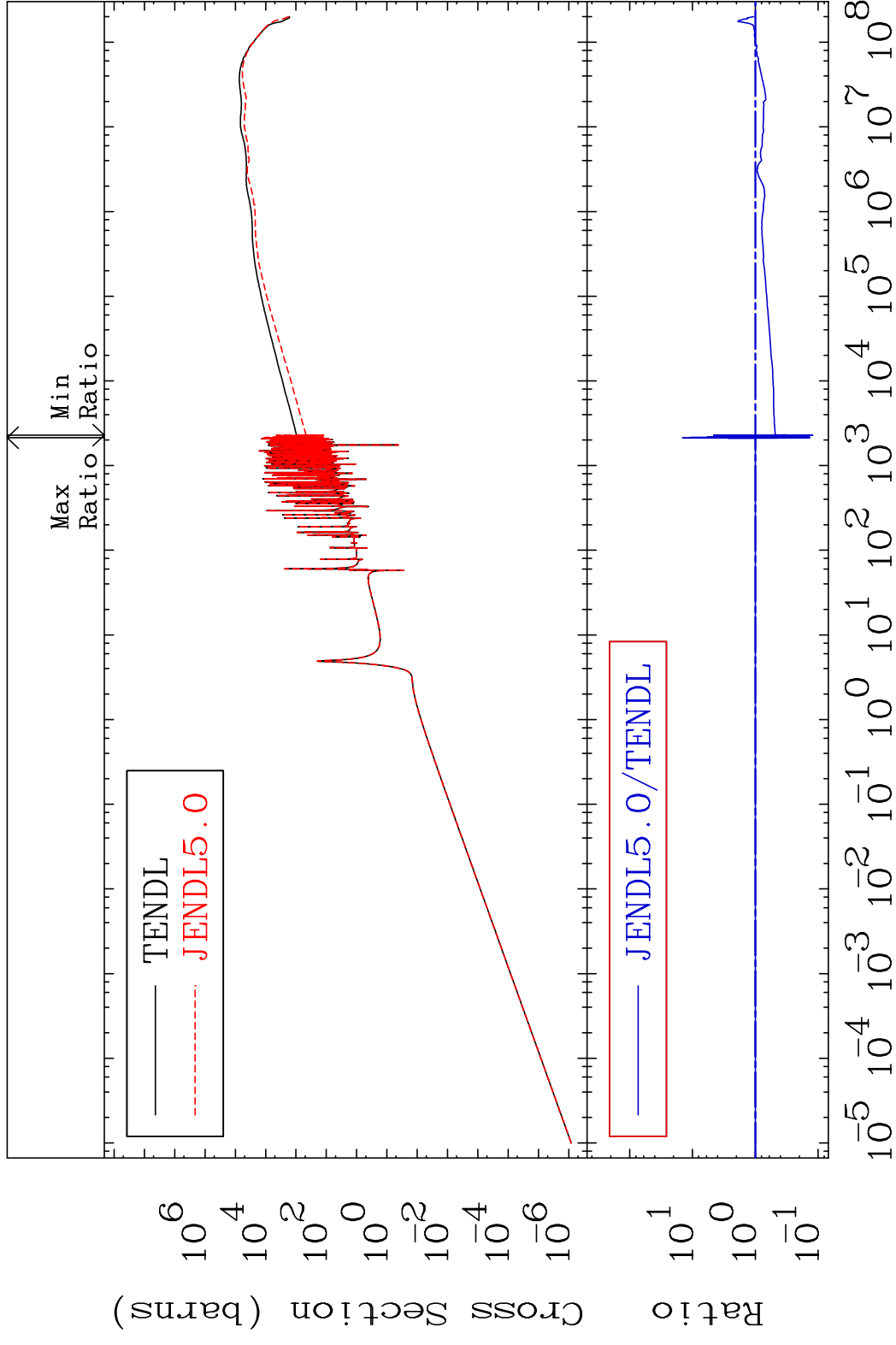
MAT 7925 Kerma total (eV-barns) 79-Au-197  
 Cross Section -87.89 To 1529. %



MAT 7925

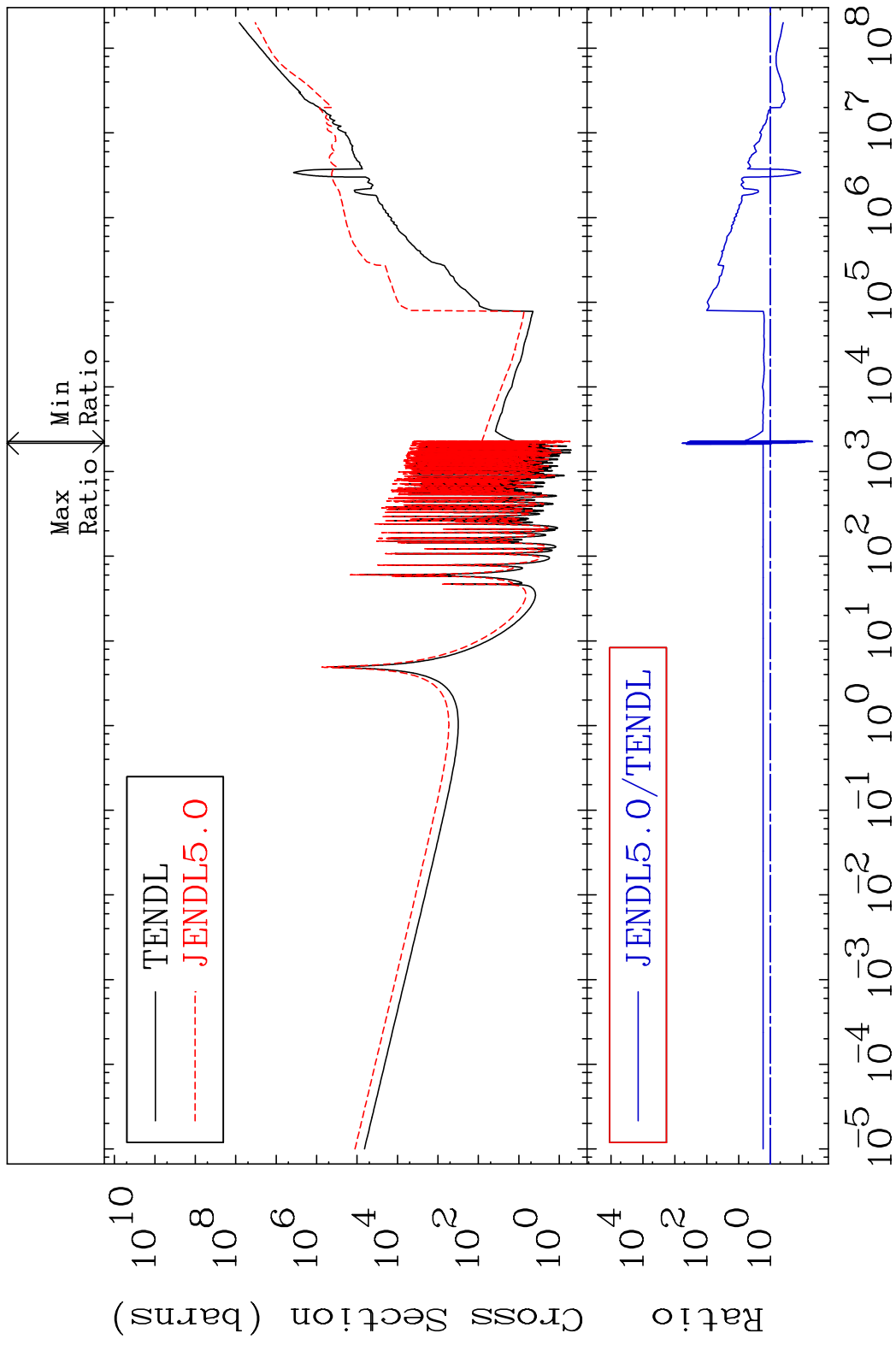
Kerma elastic  
Cross Section

79-Au-197  
-87.71 To 1351. %

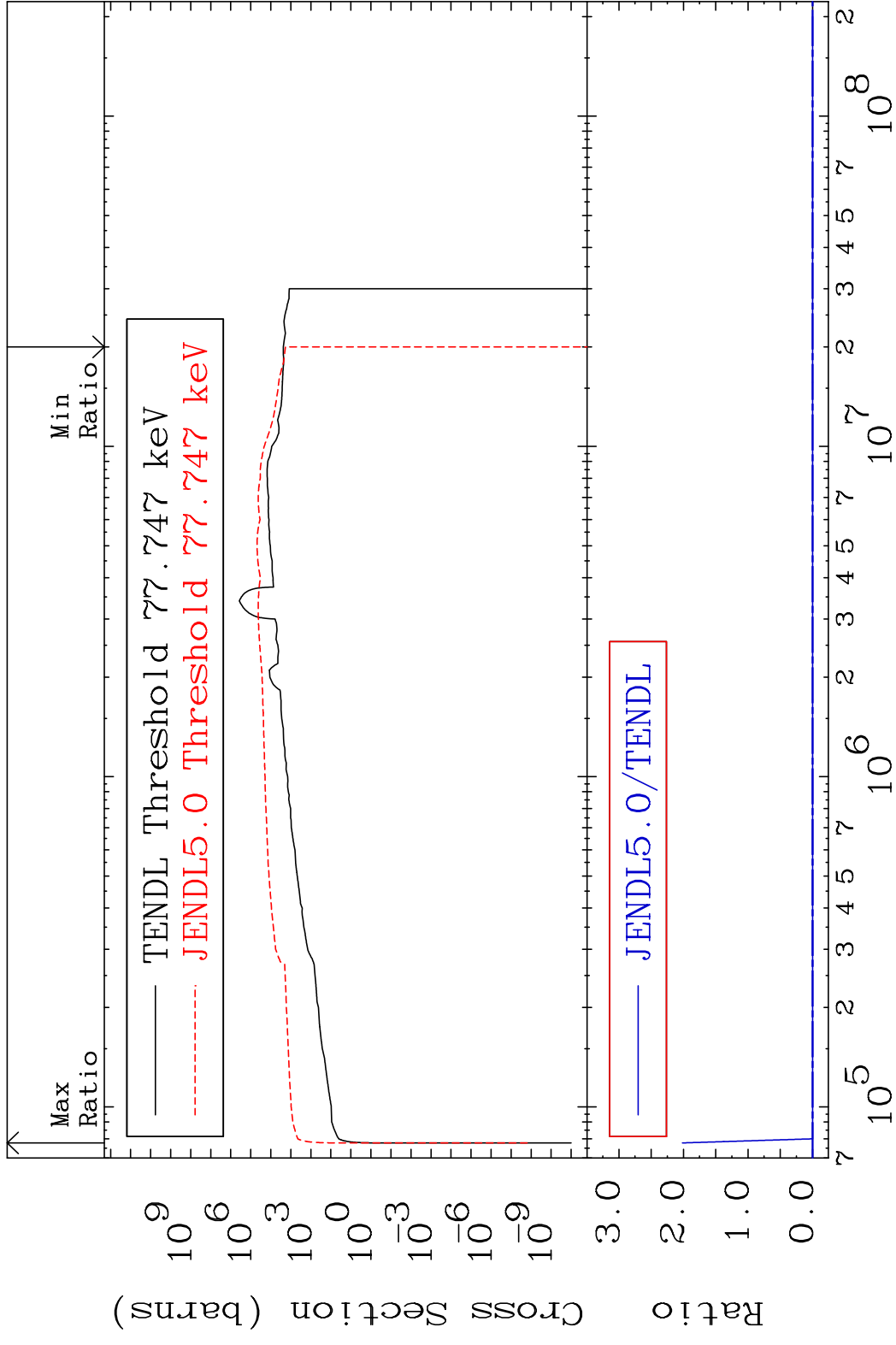




MAT 7925 Kerma non-elastic (all but mt2) 79-Au-197  
 Cross Section -95.19 To 9999. %

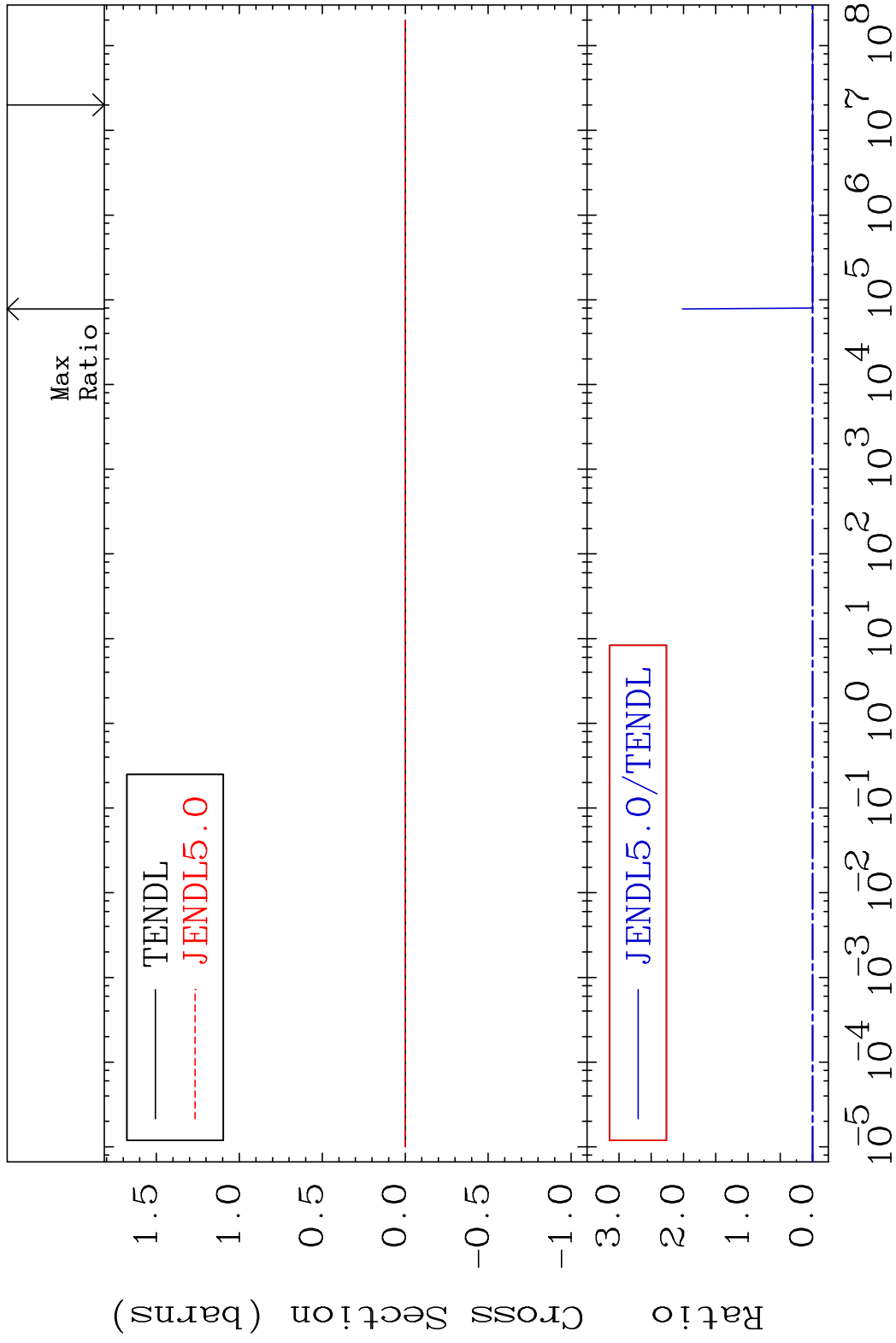


MAT 7925 Kerma inelastic (mt51-91) 79-Au-197  
 Cross Section -100.0 To 9999. %

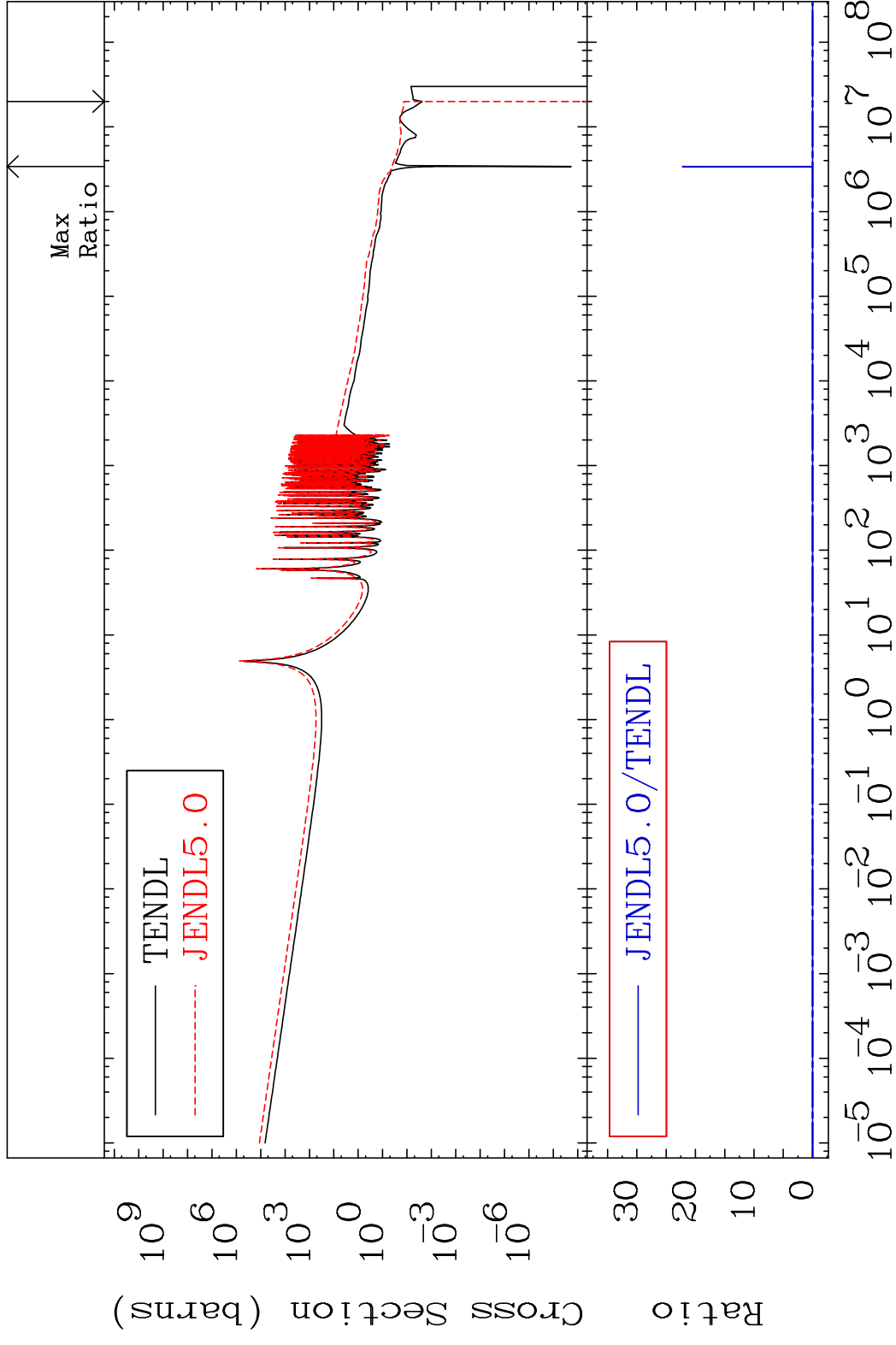


49 Incident Energy (eV) 79-Au-197

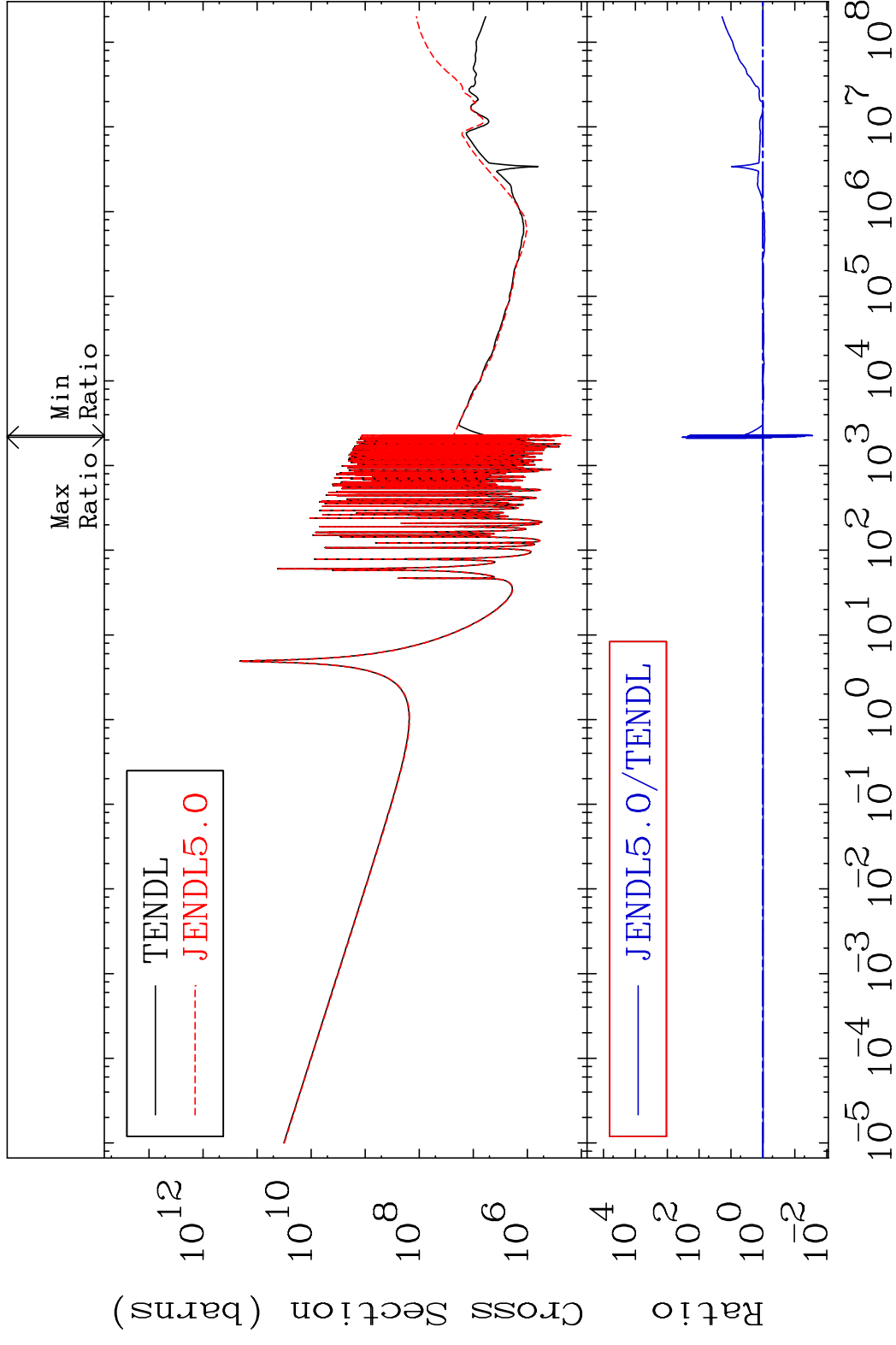
MAT 7925 Kerma fission (mt18 or mt19-20-21-38)79-Au-197  
 Cross Section -100.0 To 9999. %



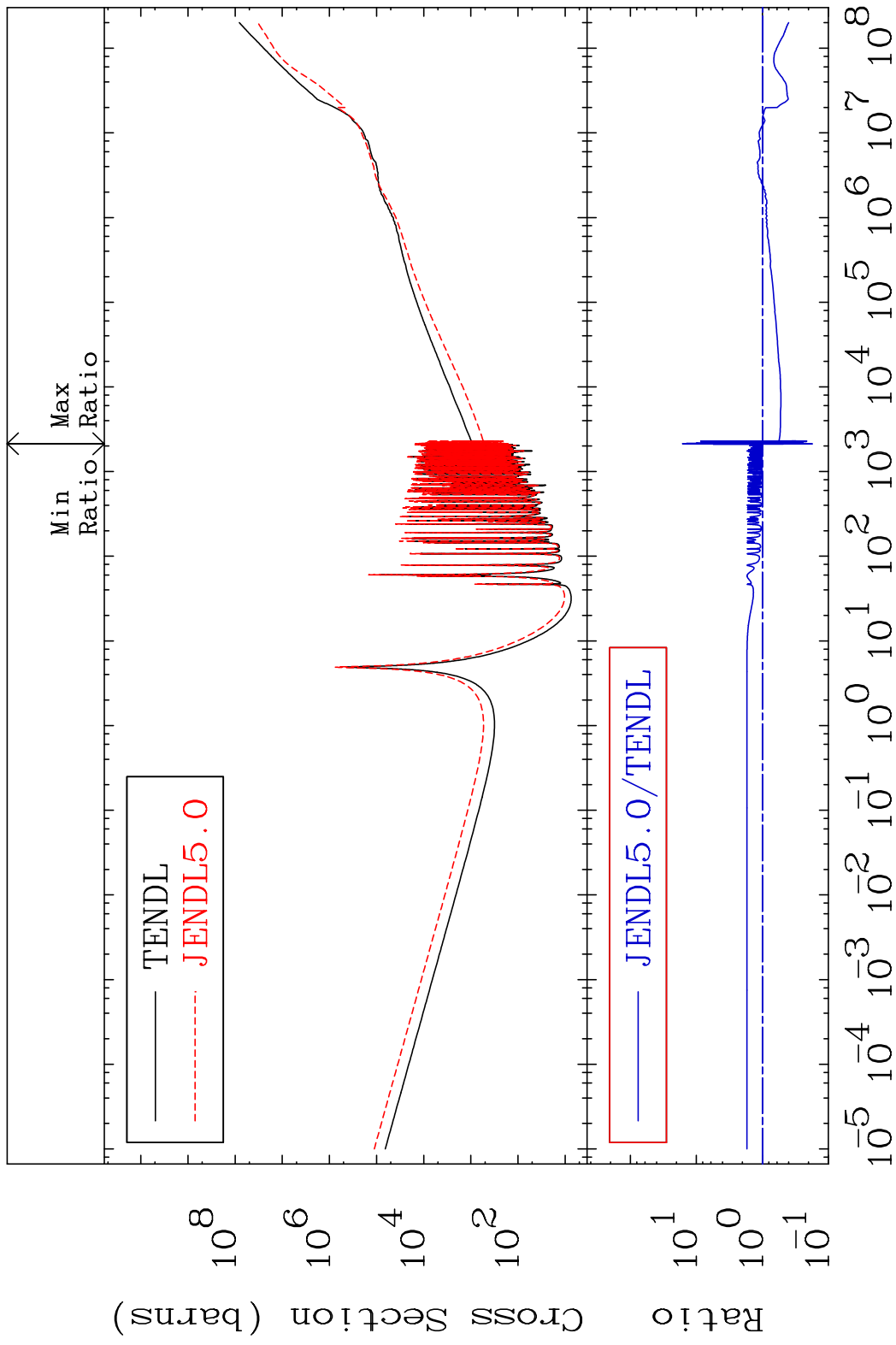
MAT 7925 Kerma capture (mt102) 79-Au-197  
 Cross Section -100.0 To 9999. %



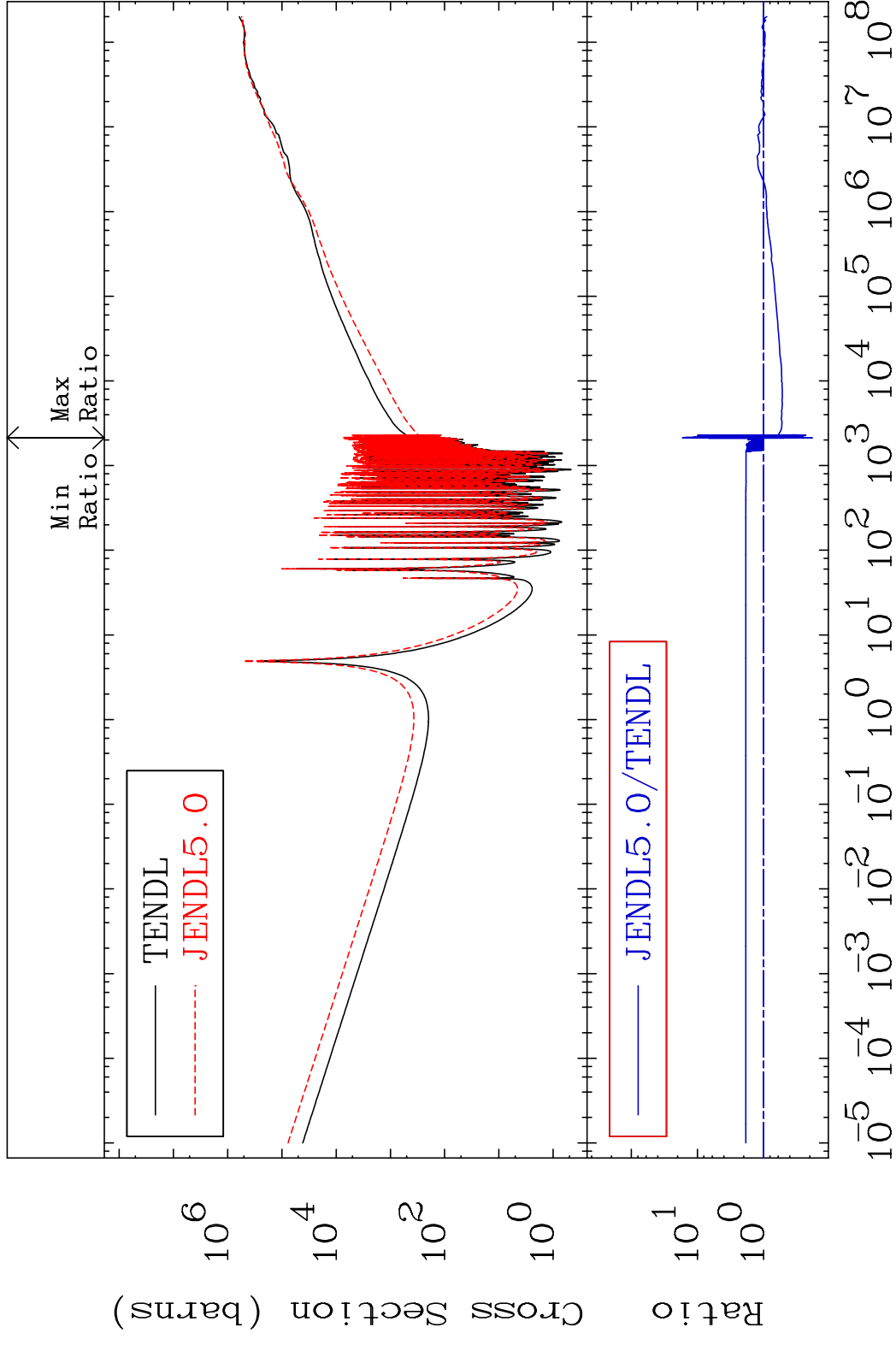
MAT 7925 Total photon (eV-barns) 79-Au-197  
 Cross Section -97.23 To 9999. %



MAT 7925 Total kinematic kerma (high limit) 79-Au-197  
 Cross Section -82.66 To 1529. %



Cross Section -81.85 To 1594. %

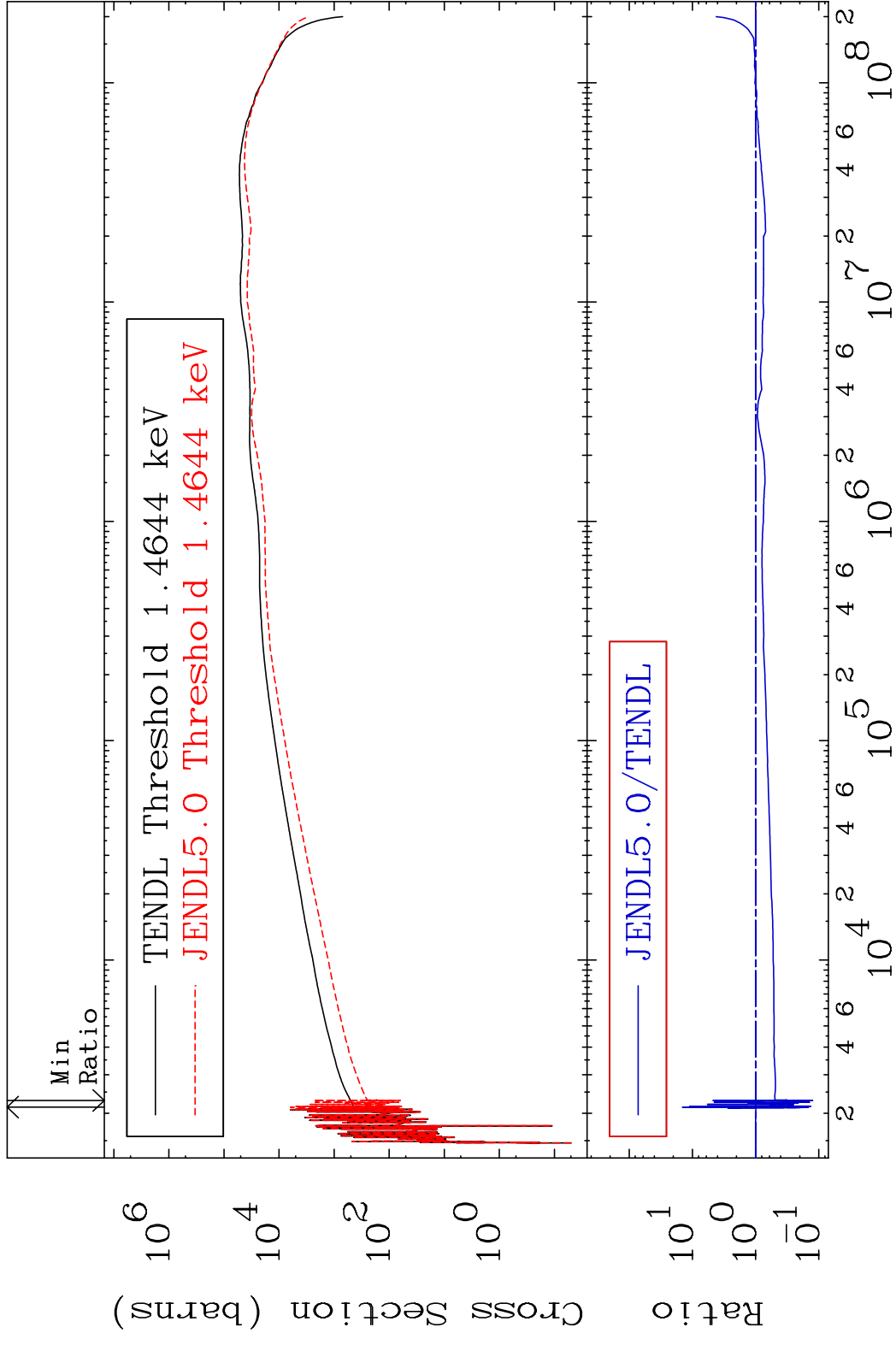


MAT 7925

Dpa elastic (mt2)

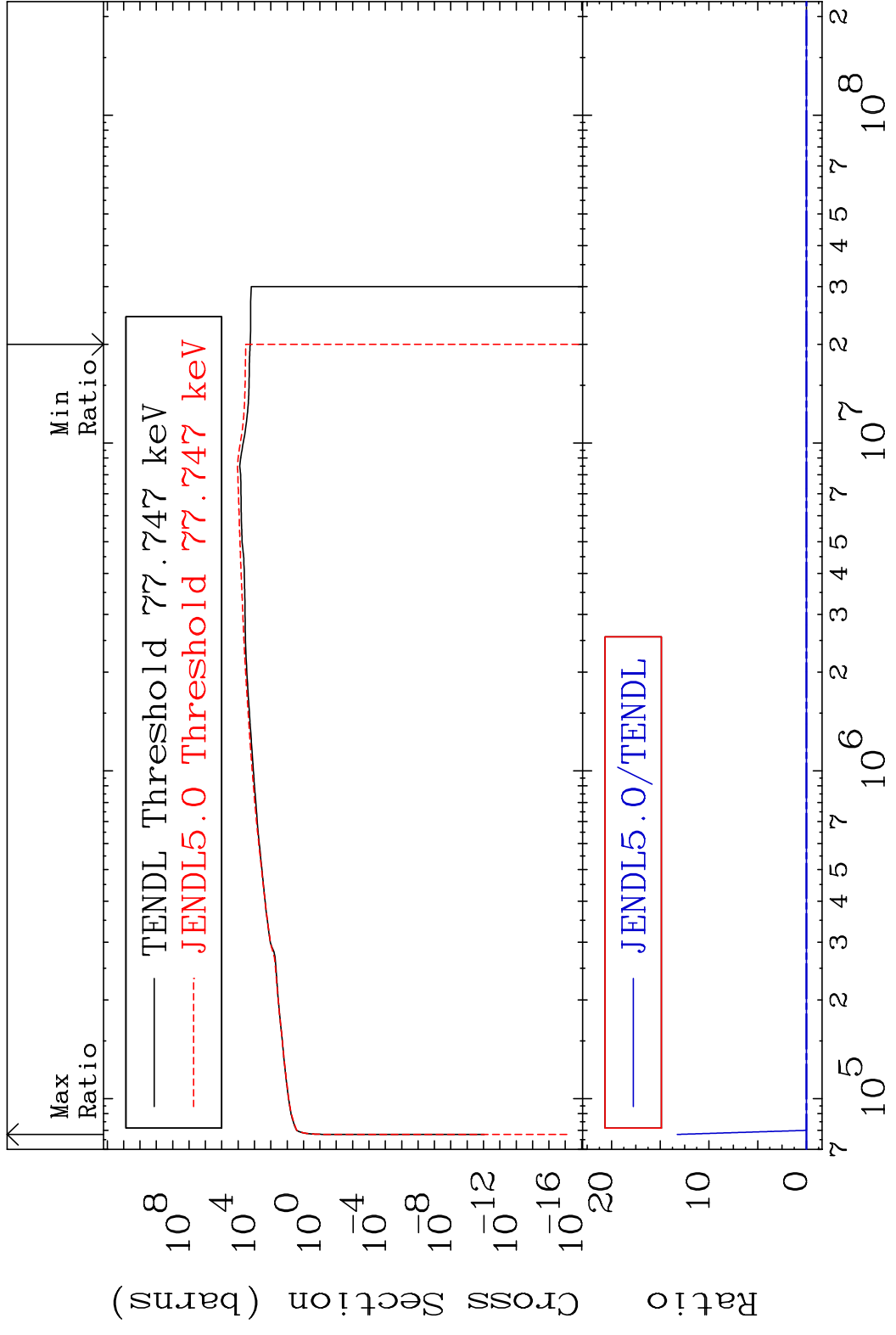
79-Au-197

Cross Section -87.47 To 1339. %

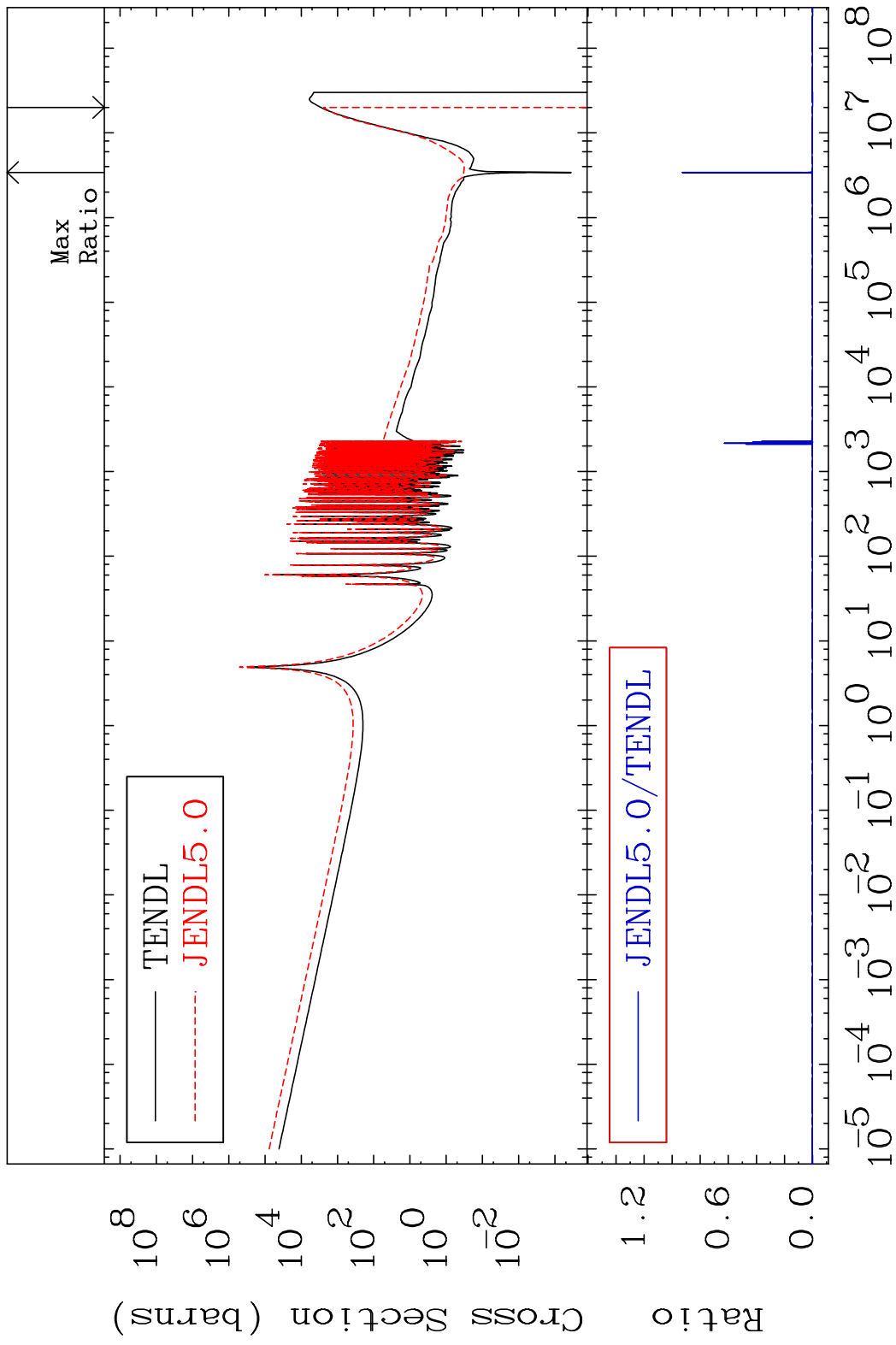


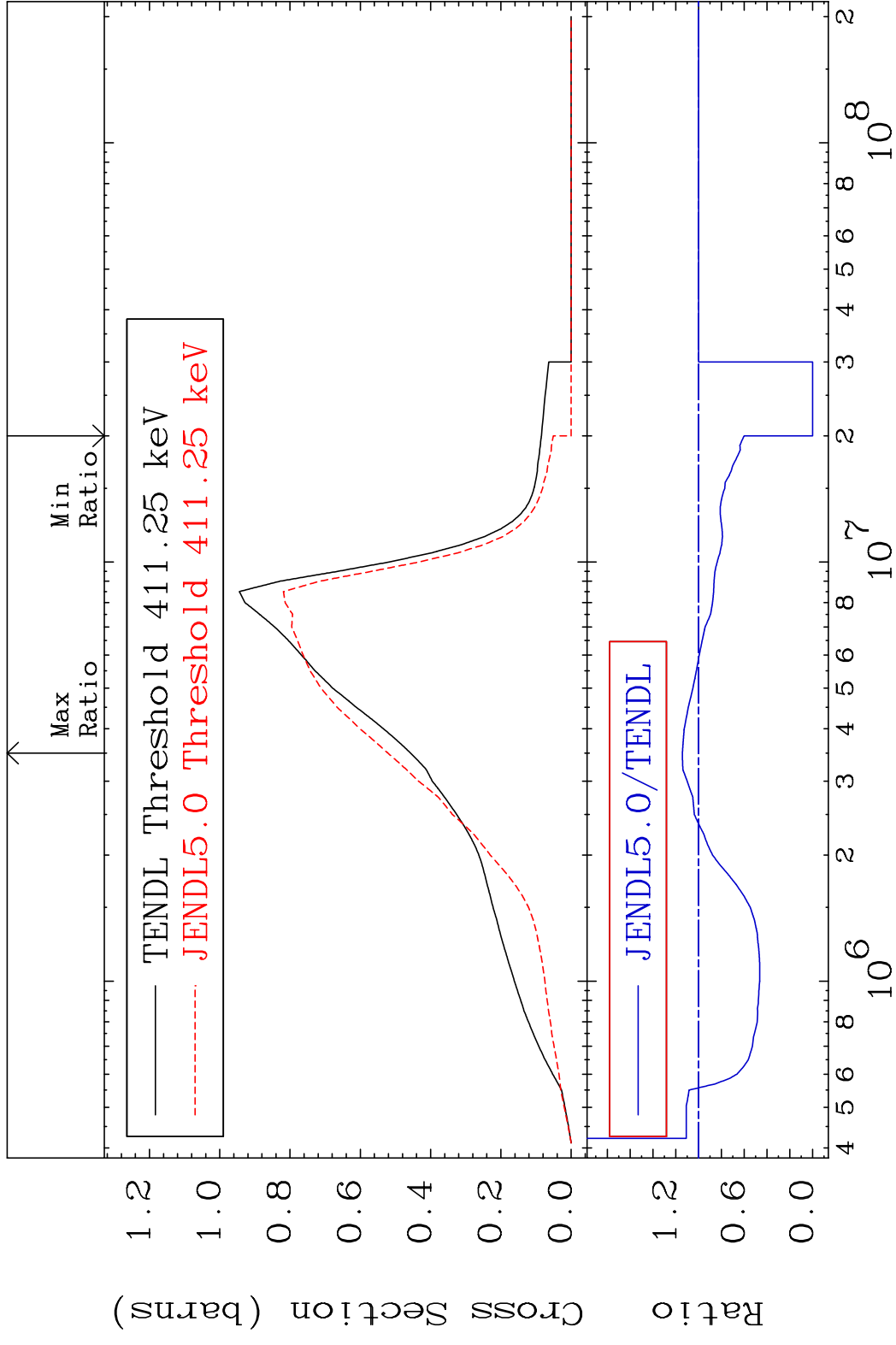


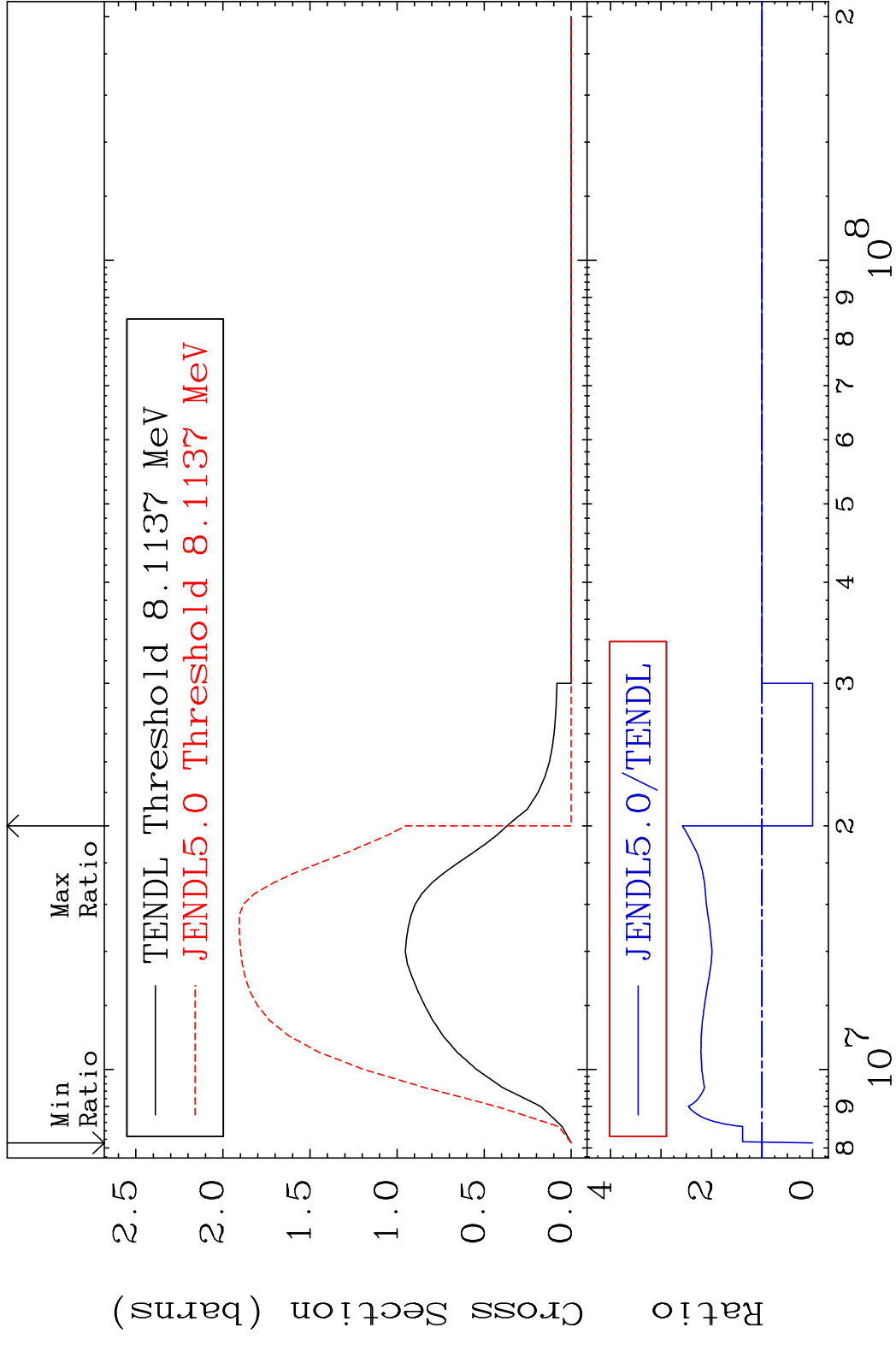
MAT 7925 Dpa inelastic (mt51-91) 79-Au-197  
 Cross Section -100.0 To 9999. %



MAT 7925 Dpa disappearance (mt102 -120) 79-Au-197  
Cross Section -100.0 To 9999. %







MAT 7925 (n,3n):79-Au-195g 79-Au-197  
 Radionuclide Production Cross Section 18.00 mb to 11.03 %

