

Program Complot  
(Version 2018-1)

by

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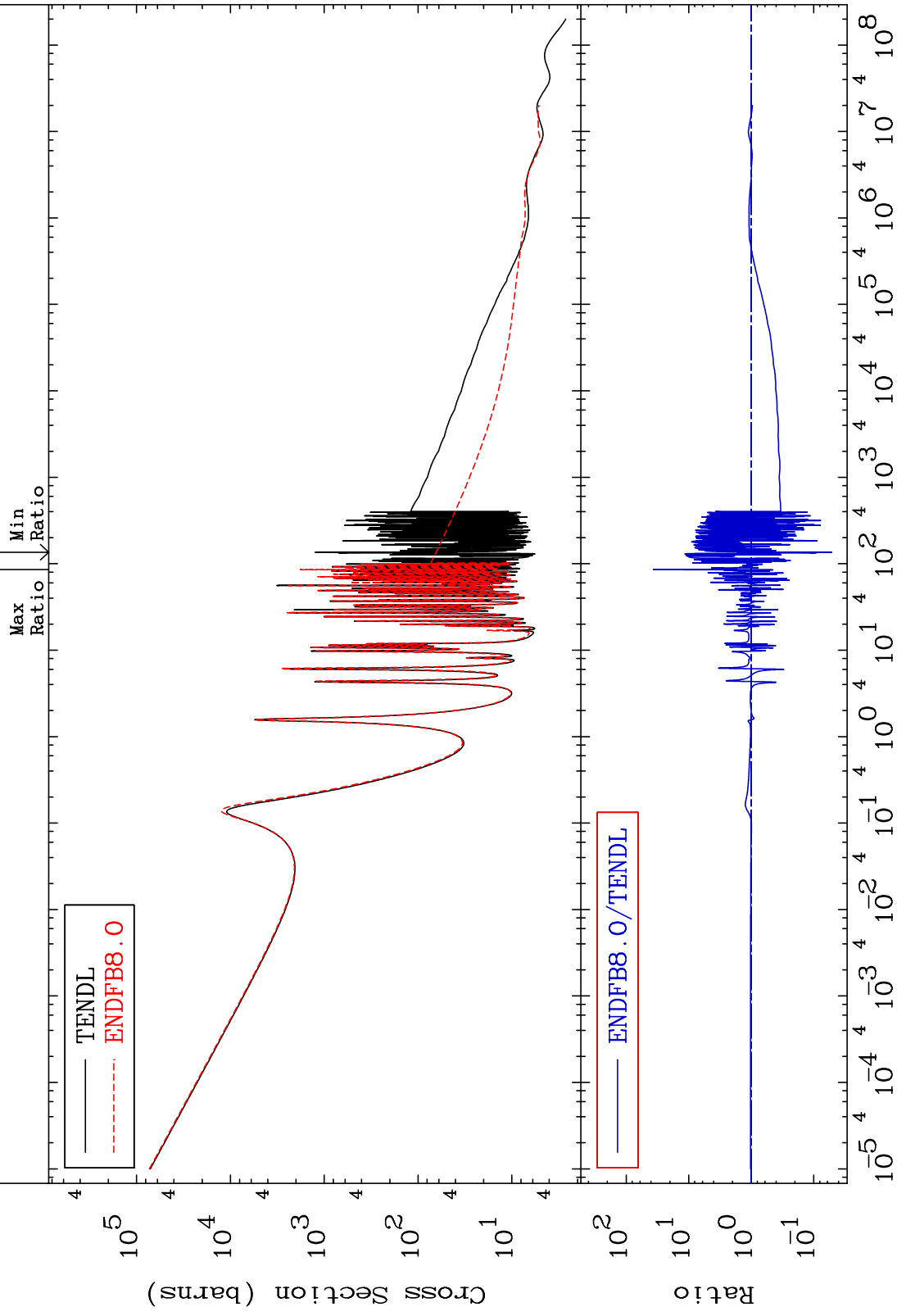
Press Mouse Button to Start

MAT 7128

71-Lu-176

-94.88 To 3595. %

Total  
Cross Section



Incident Energy (eV)

71-Lu-176

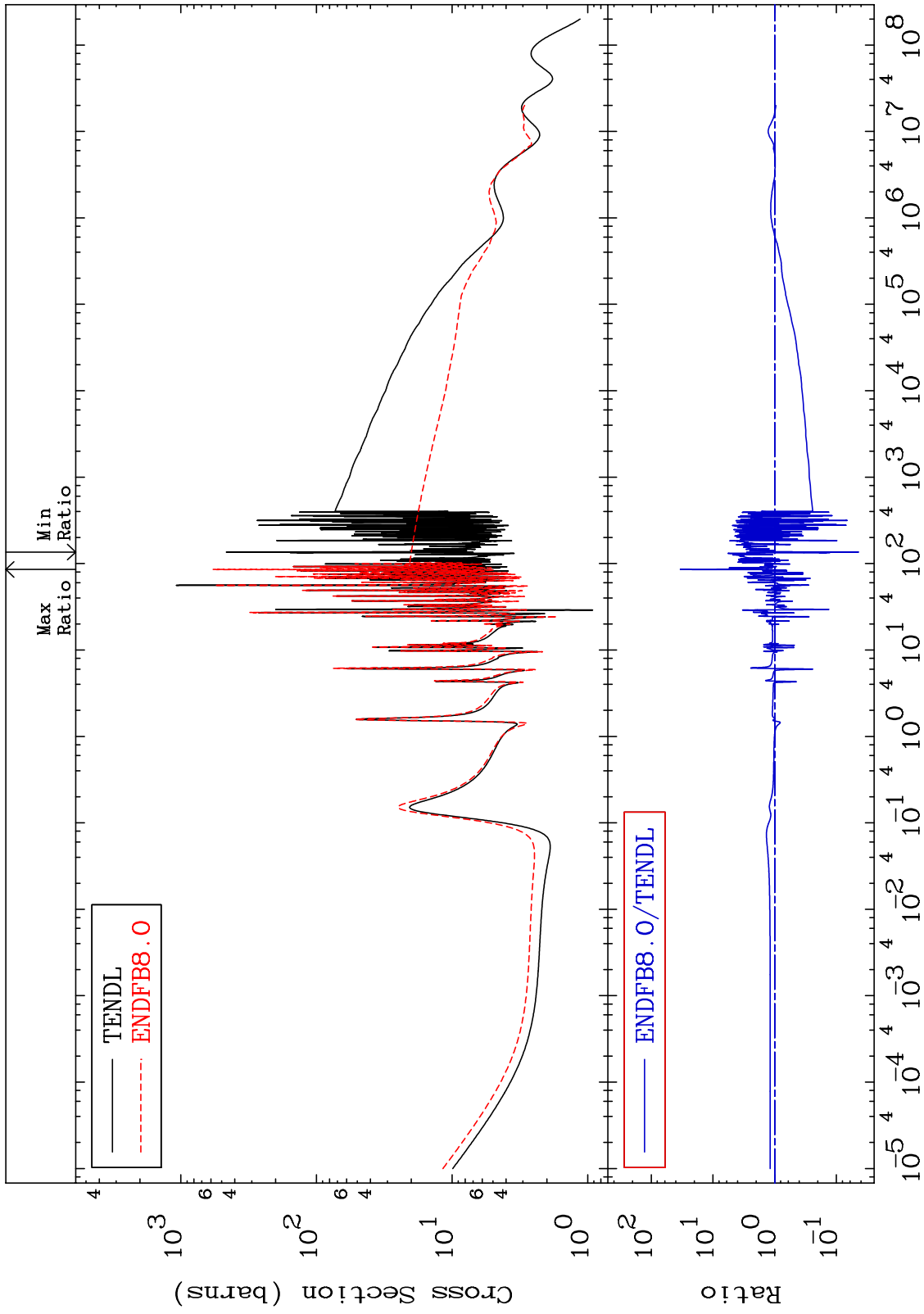
1

MAT 7128

Elastic  
Cross Section

71-Lu-176

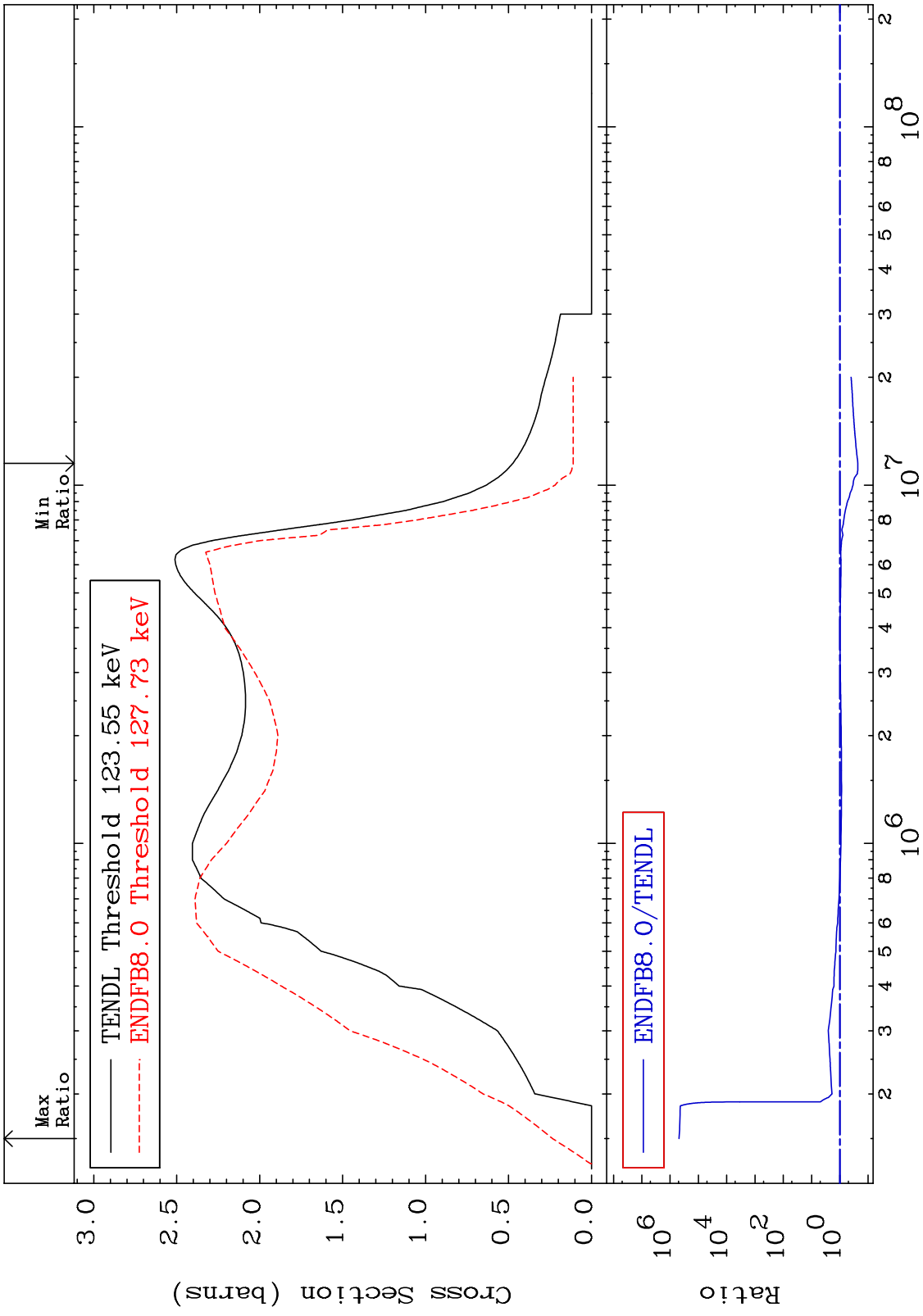
-95.67 To 3290. %



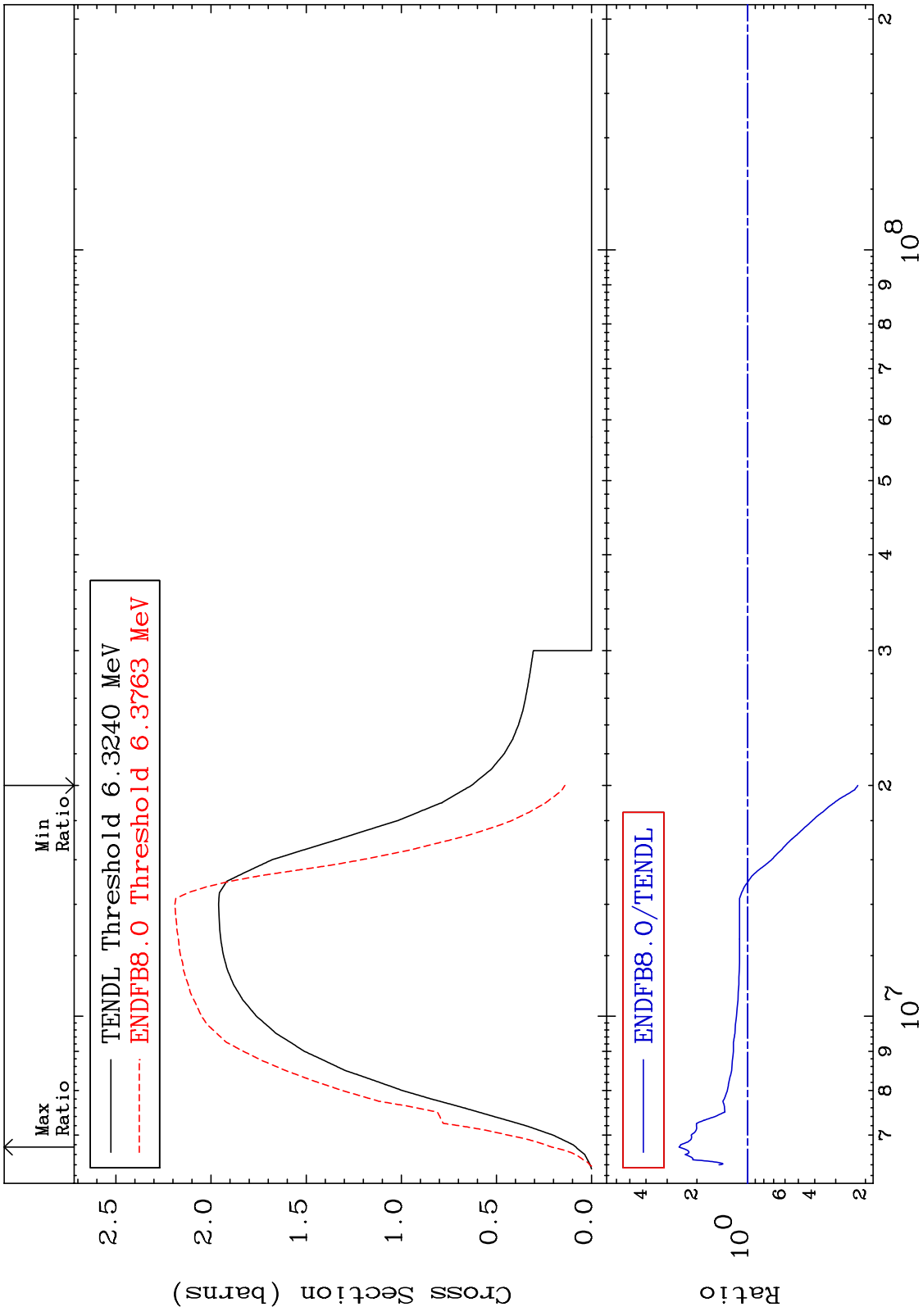
2

Incident Energy (eV)

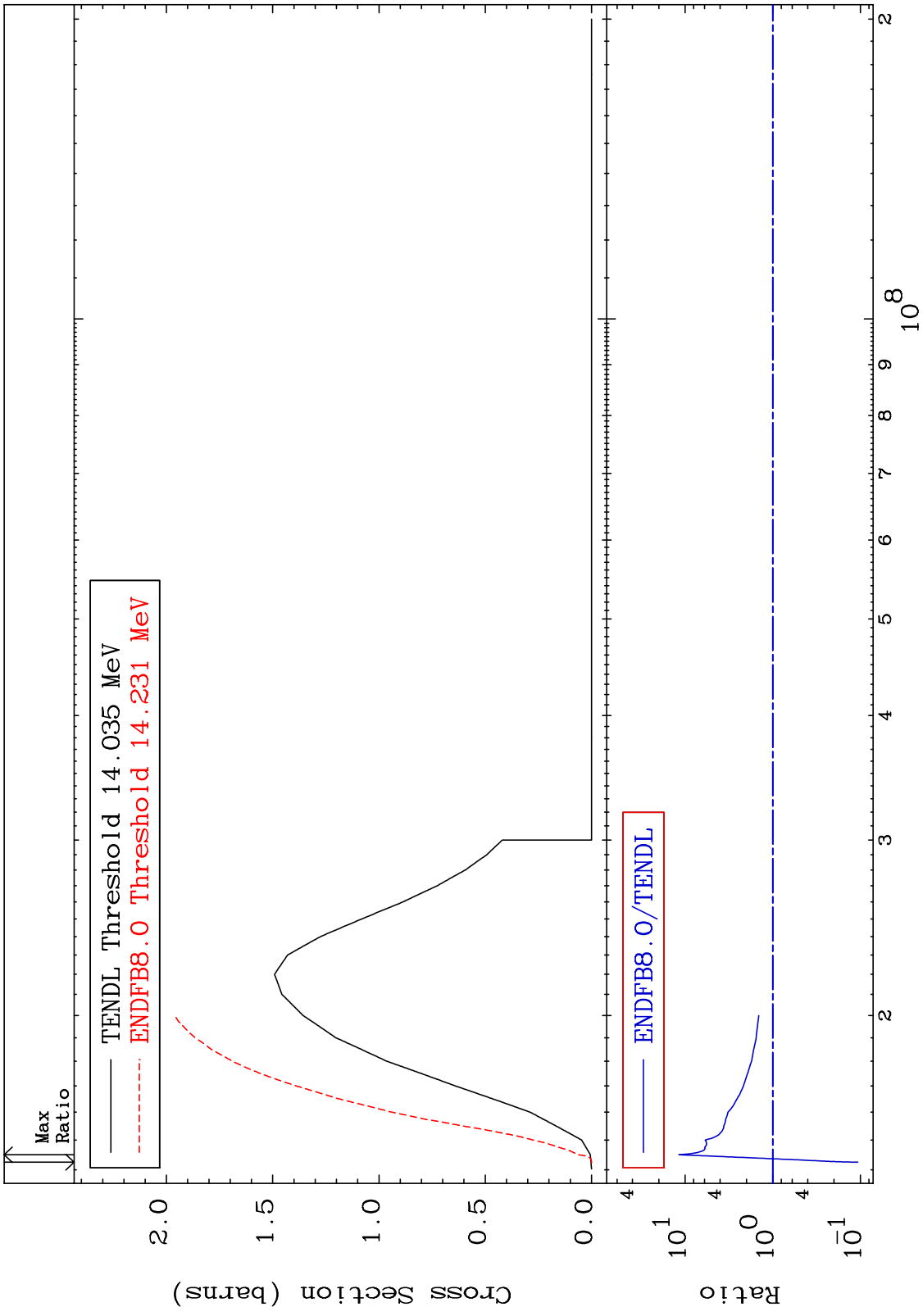
71-Lu-176



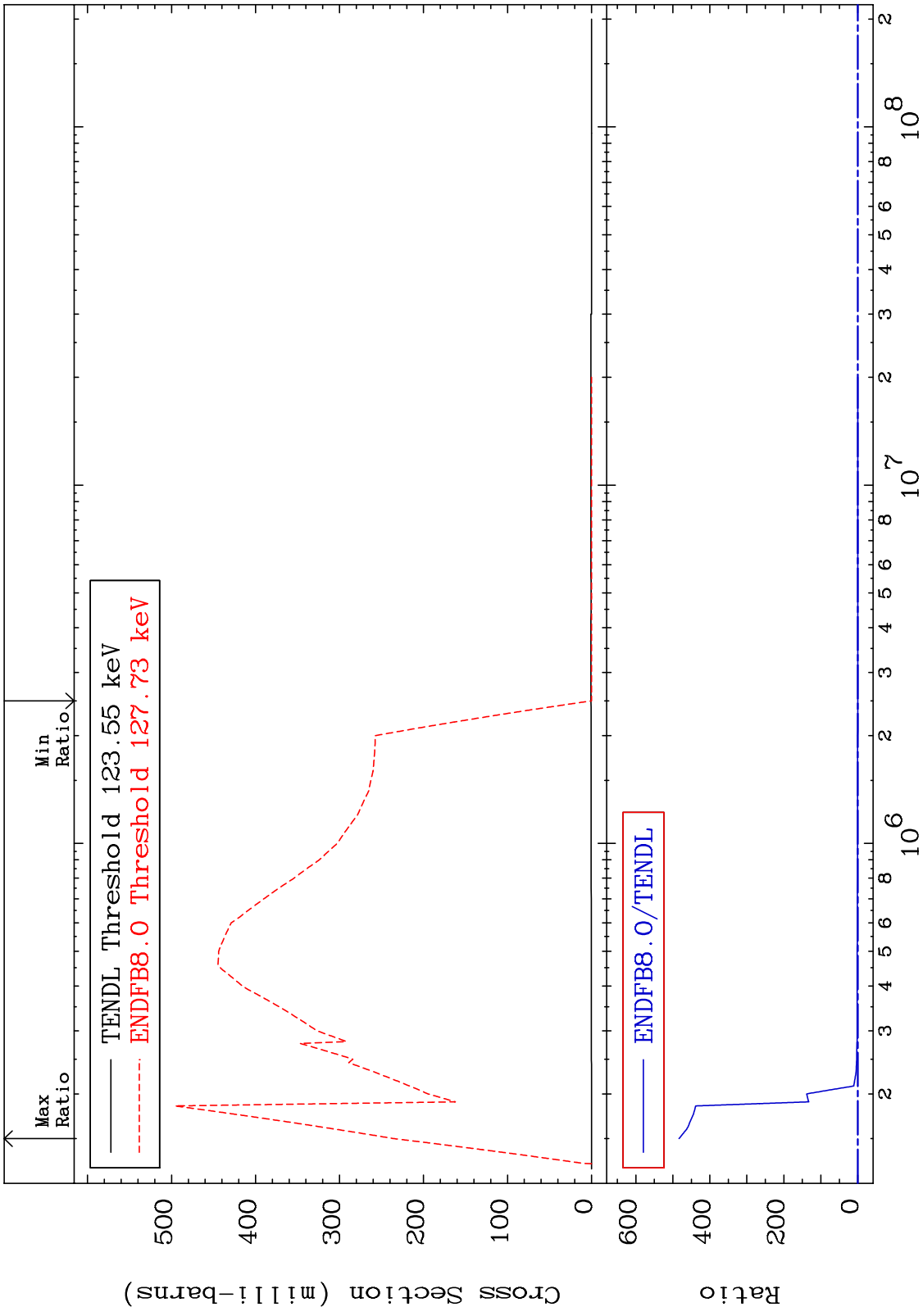
MAT 7128 (n,2n) 71-Lu-176  
Cross Section -77.83 To 154.9 %



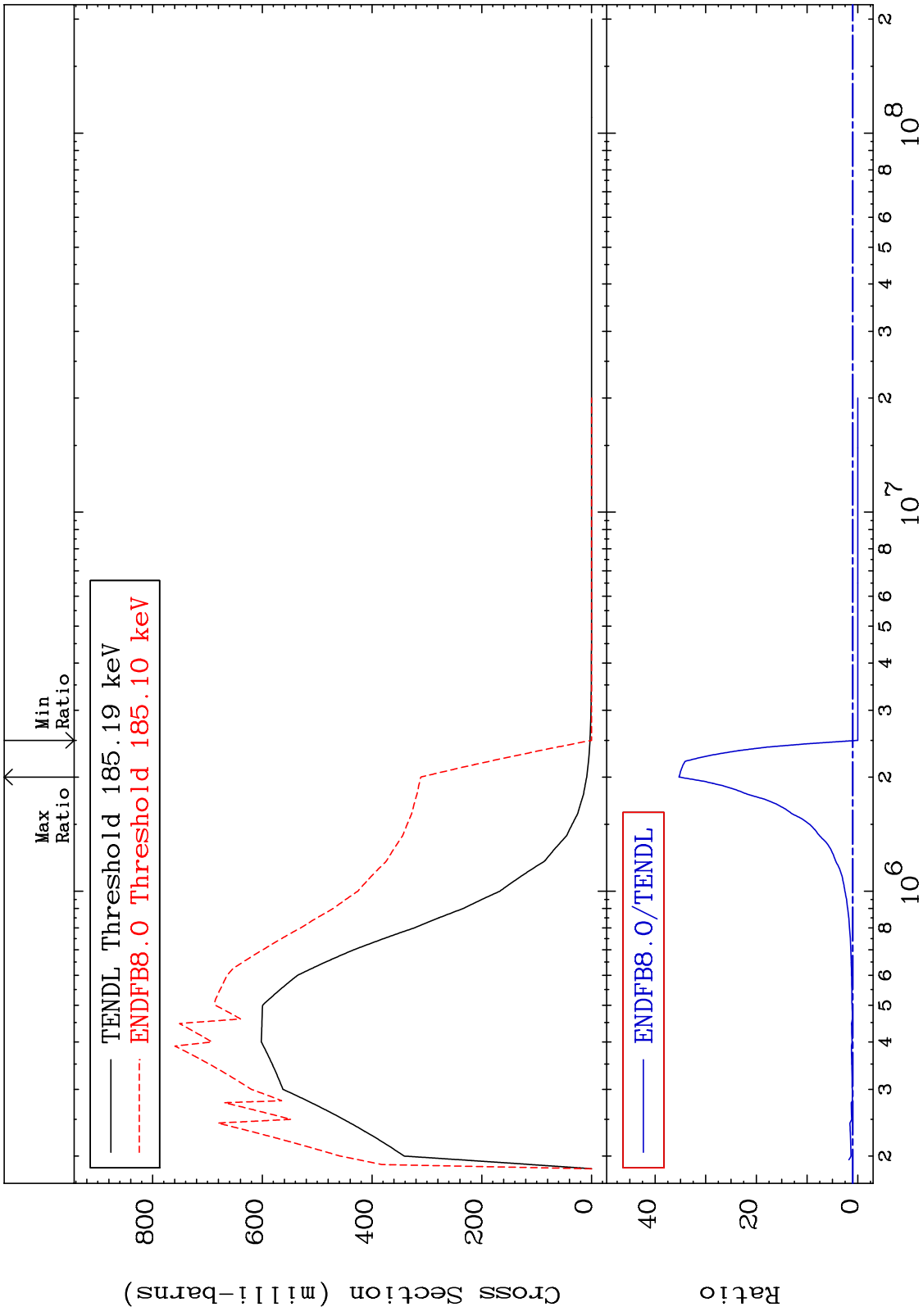
MAT 7128 (n,3n) Cross Section 71-Lu-176 -89.29 To 1076. %



MAT 7128 MT= 51 (n,n') Level Cross Section 71-Lu-176  
 -100.0 To 9999. %



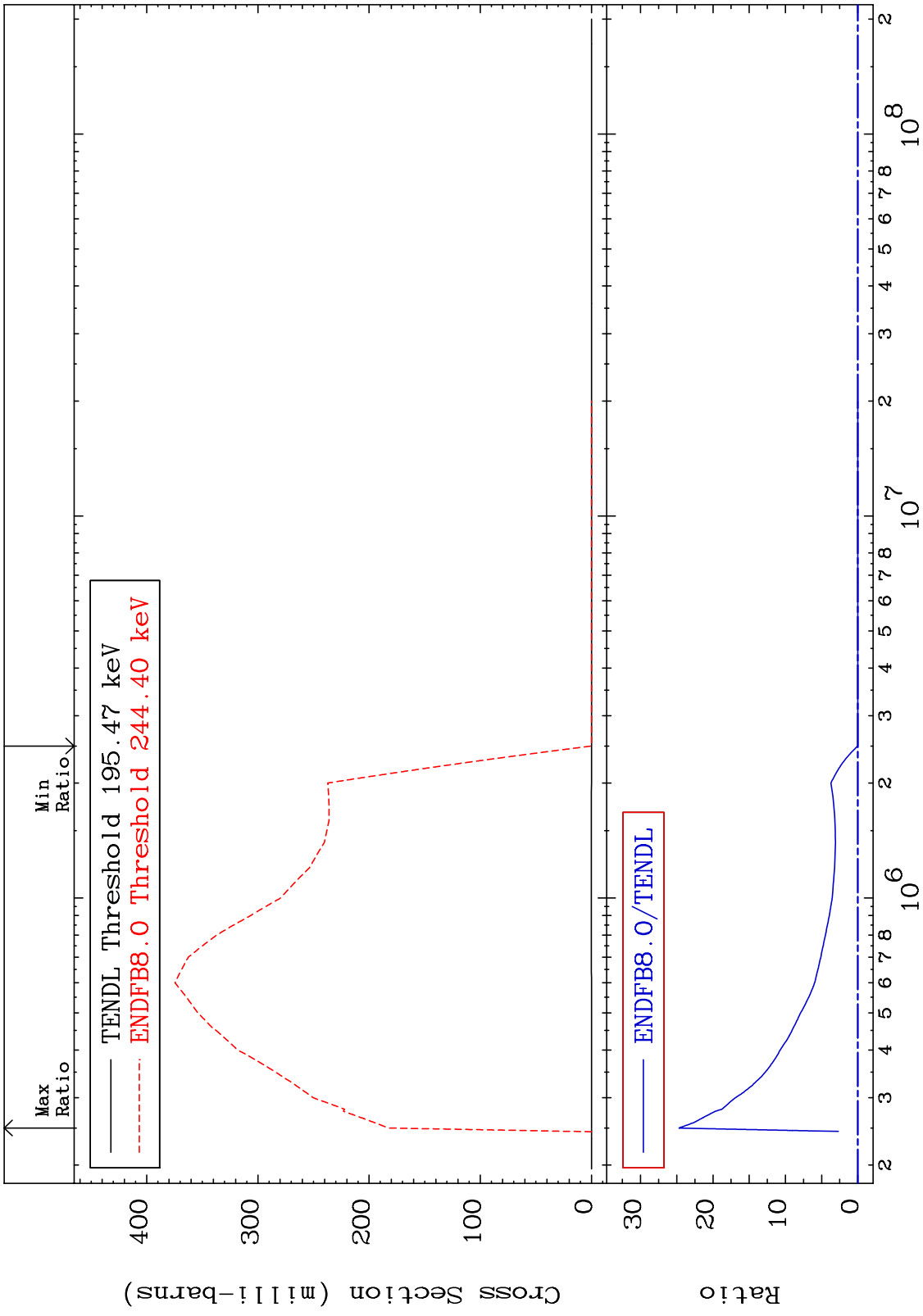
MAT 7128 MT= 52 (n,n') Level Cross Section 71-Lu-176 -100.0 To 3427. %



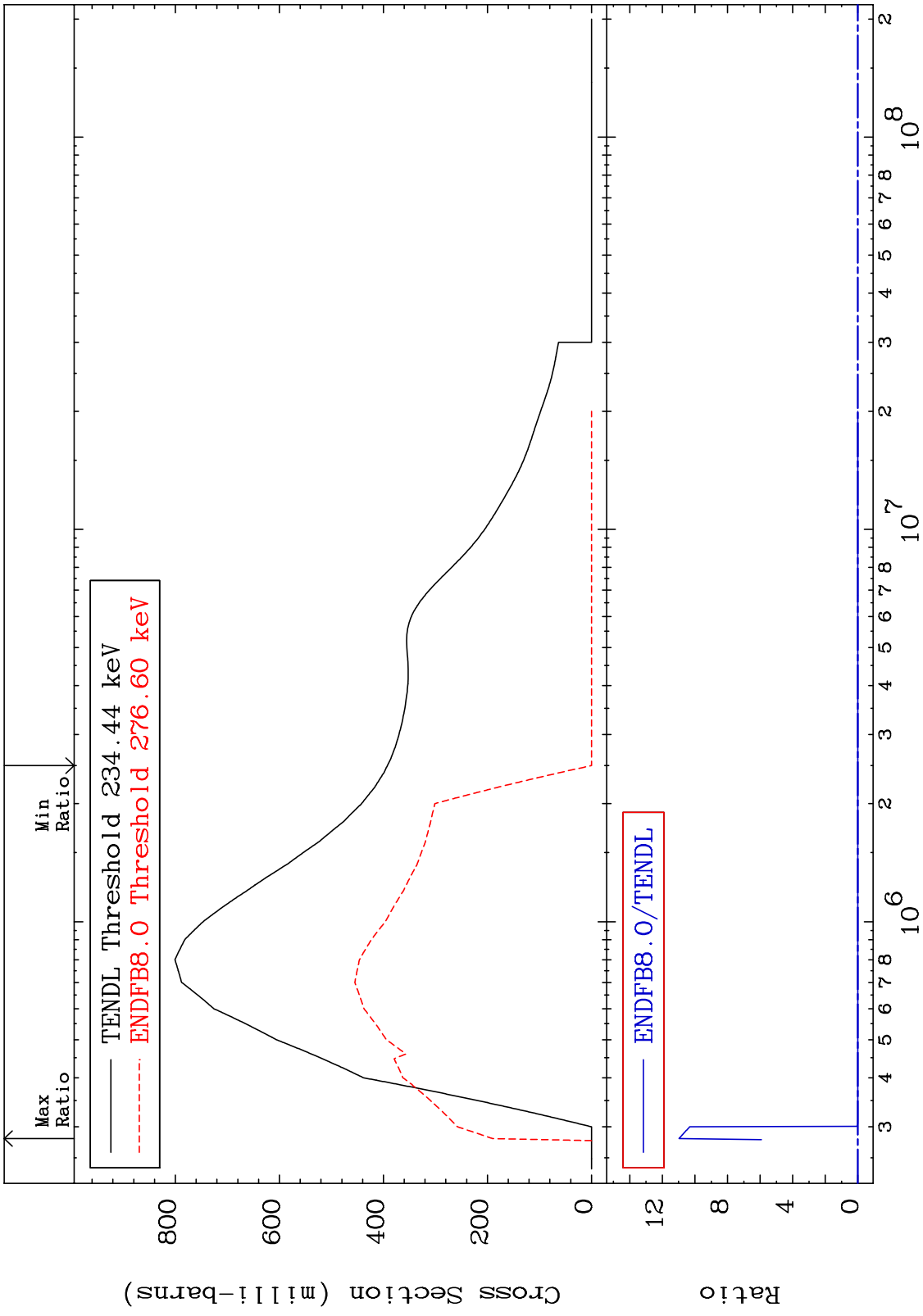
71-Lu-176 Incident Energy (eV)



MAT 7128 MT= 53 (n,n') Level Cross Section 71-Lu-176  
 -100.0 To 9999. %

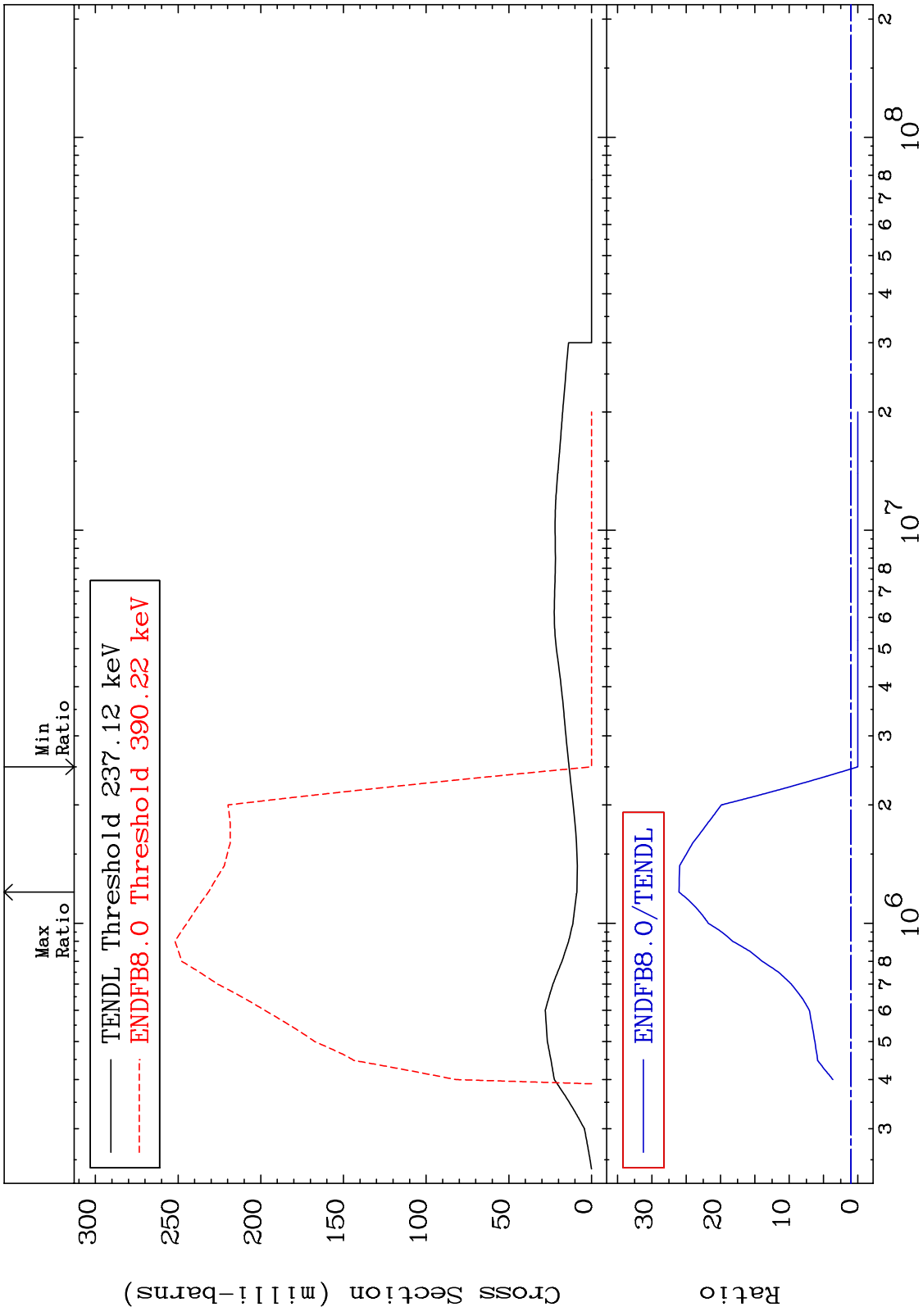


MAT 7128 MT= 54 (n,n') Level Cross Section 71-Lu-176 -100.0 To 9999. %



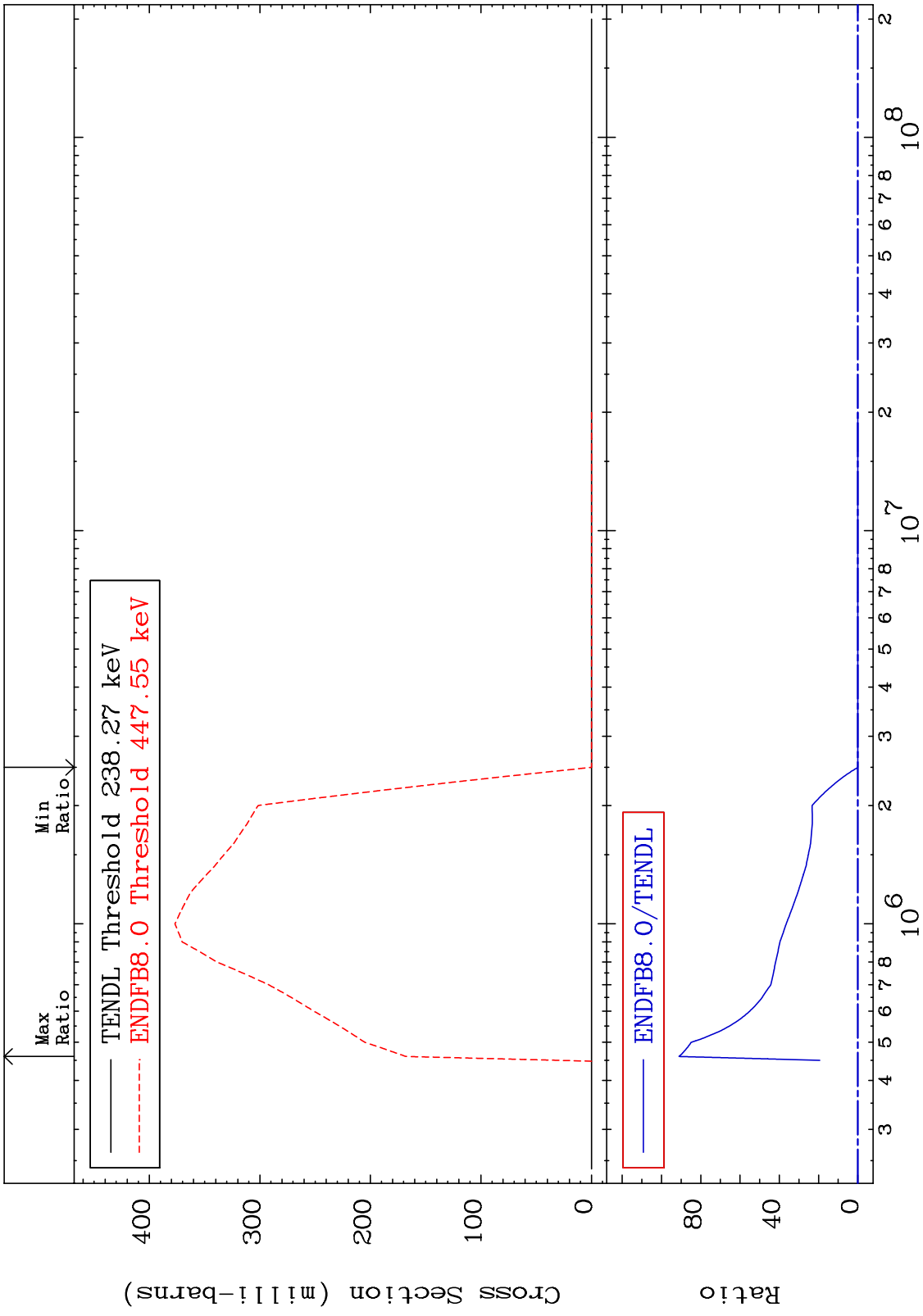
9 71-Lu-176

MAT 7128 MT= 55 (n,n') Level Cross Section 71-Lu-176 -100.0 To 2504. %



10 Incident Energy (eV) 71-Lu-176

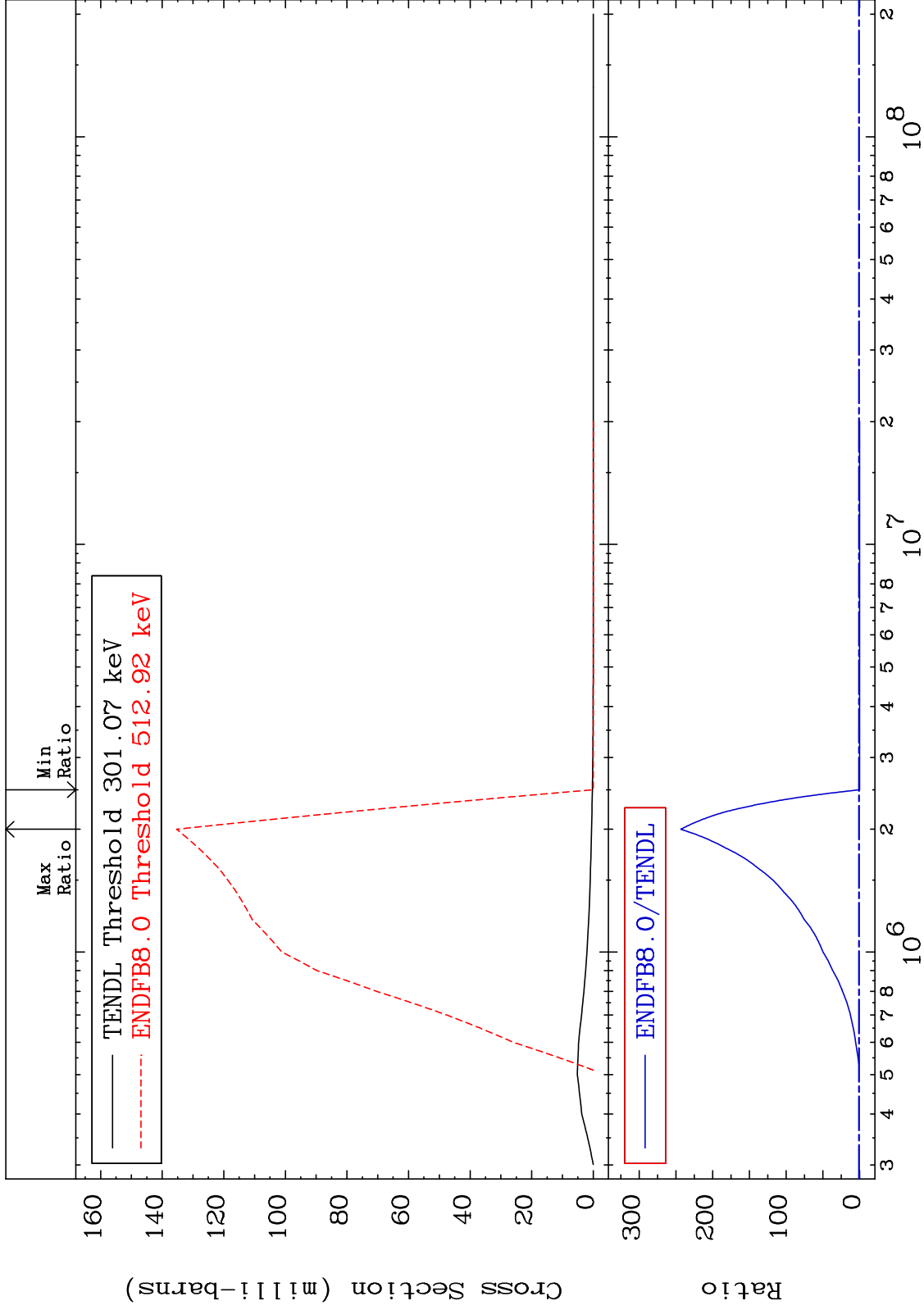
MAT 7128 MT= 56 (n,n') Level Cross Section 71-Lu-176  
 -100.0 To 9999. %



MAT 7128

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

71-Lu-176  
-100.0 To 9999. %

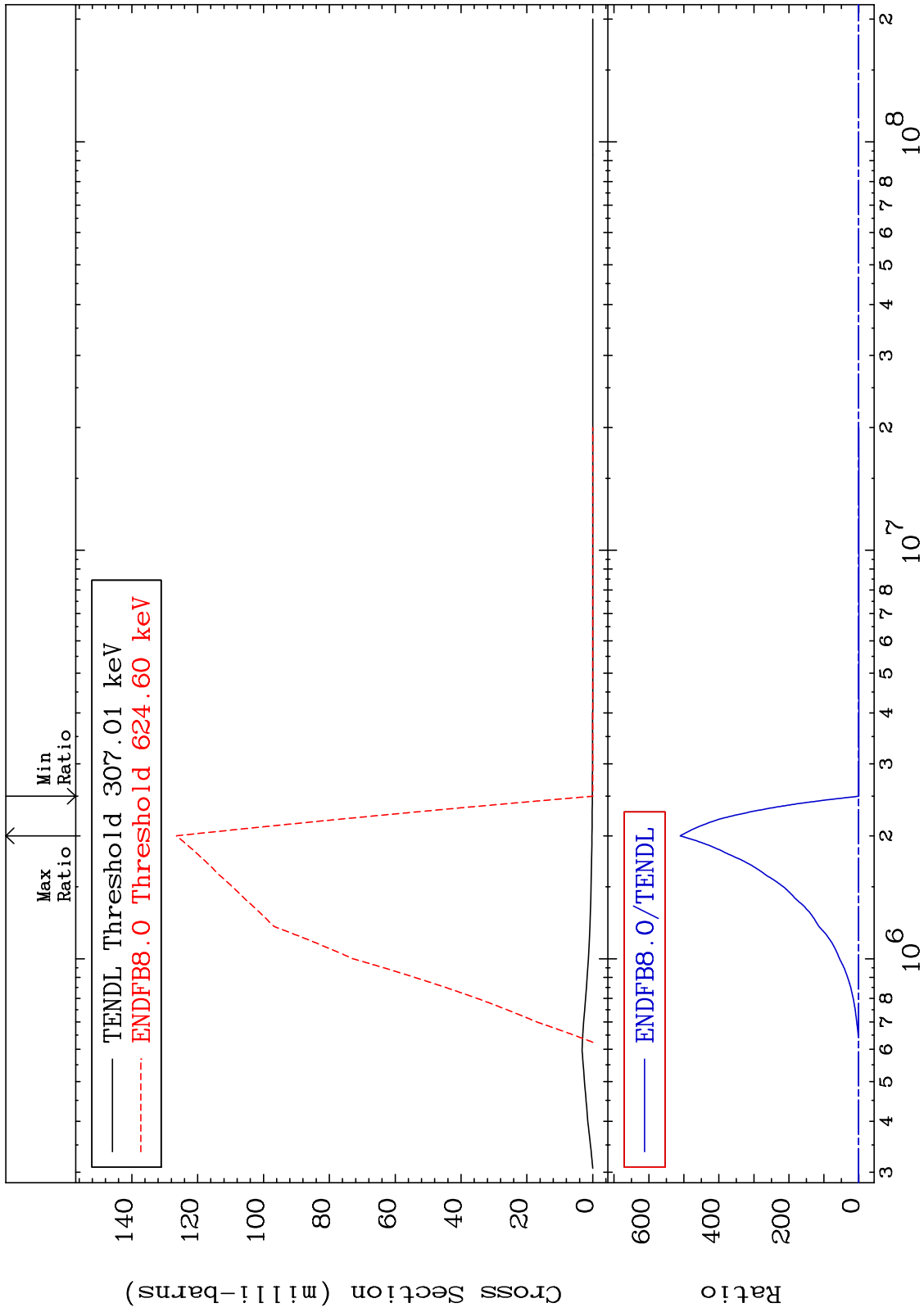


12

Incident Energy (eV)

71-Lu-176

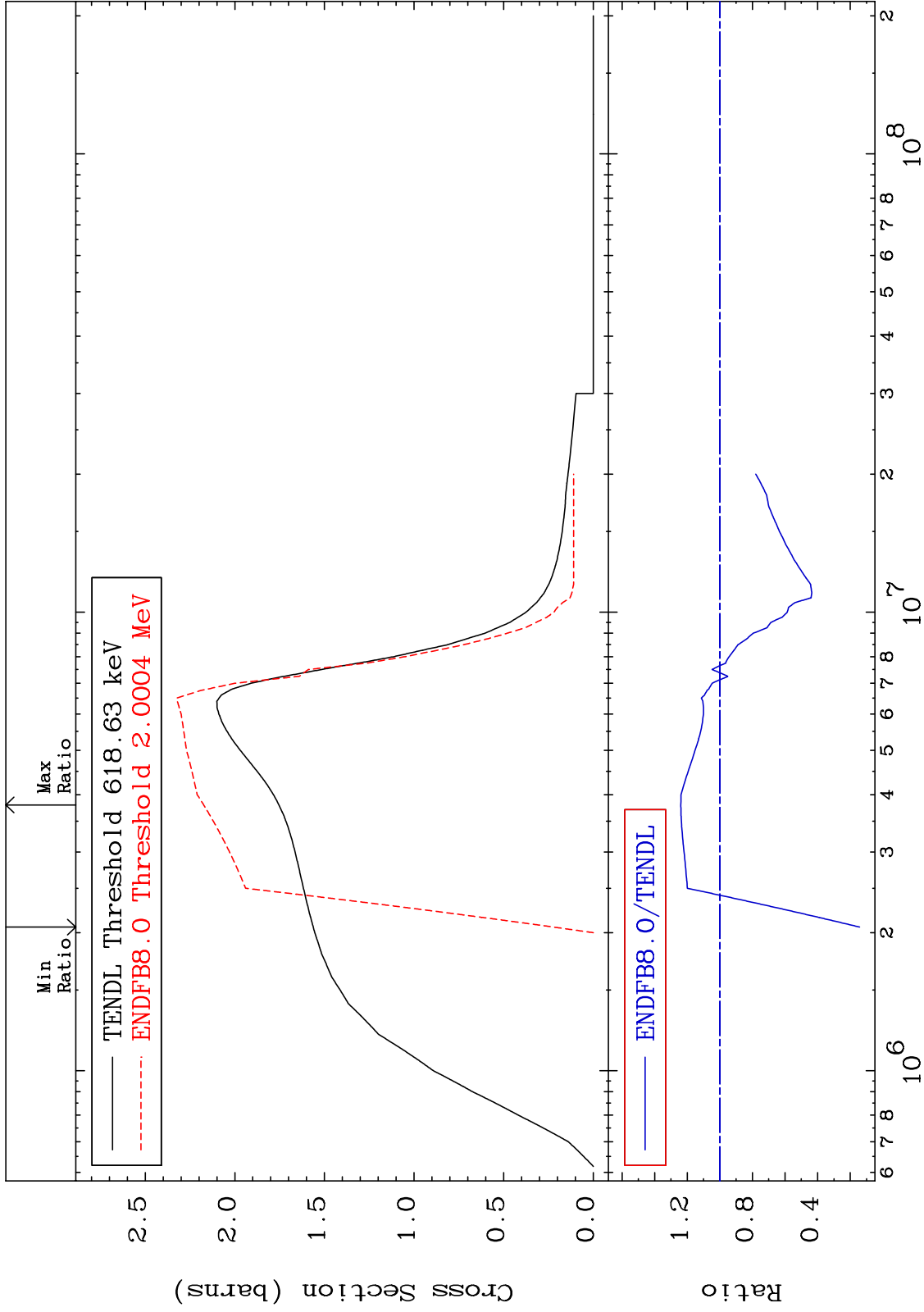
MAT 7128 MT= 58 (n,n') Level Cross Section 71-Lu-176  
 -100.0 To 9999. %



MAT 7128

(n,n') Continuum  
Cross Section

71-Lu-176  
-85.79 To 23.96 %



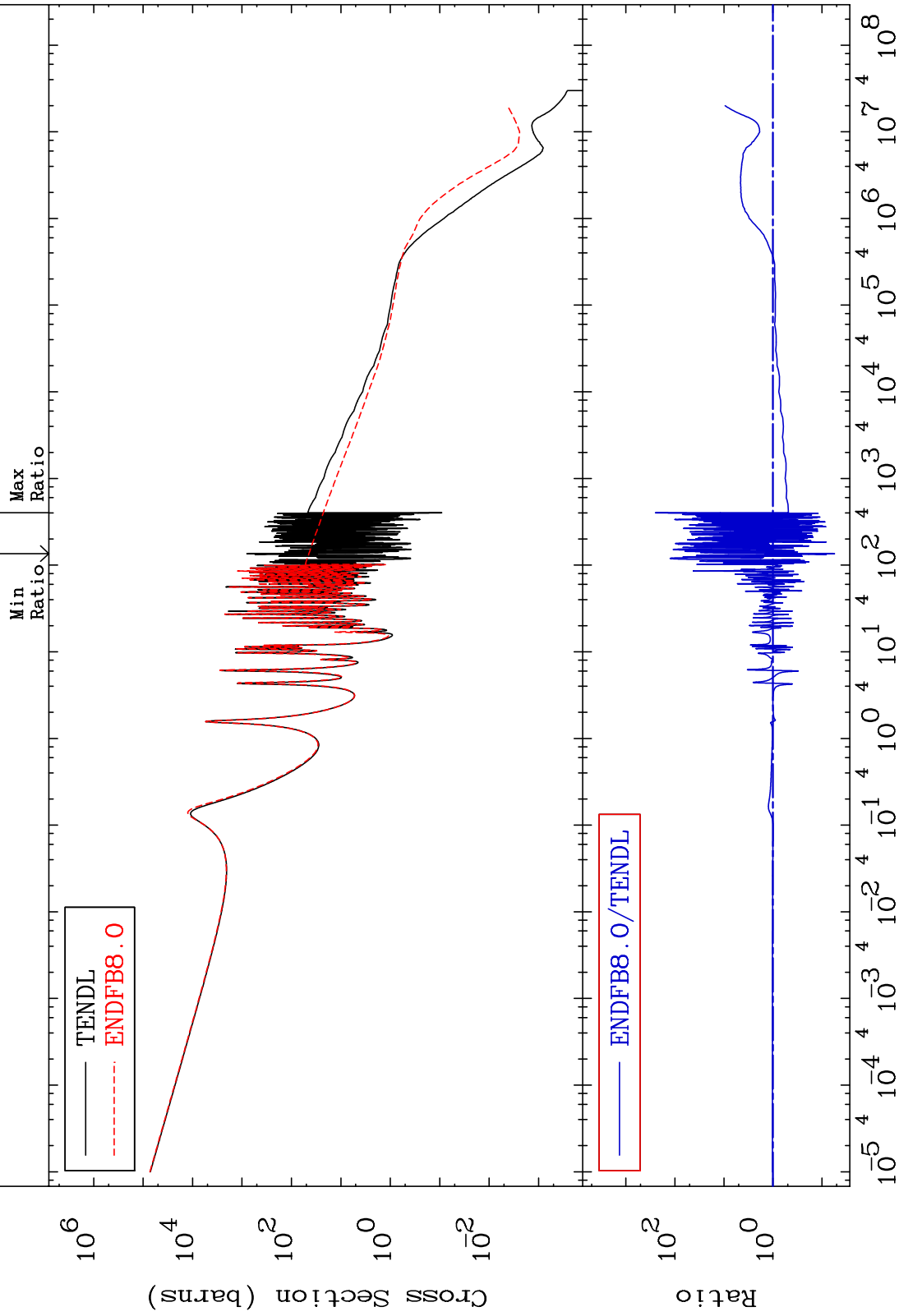
MAT 7128

(n,  $\gamma$ )

71-Lu-176

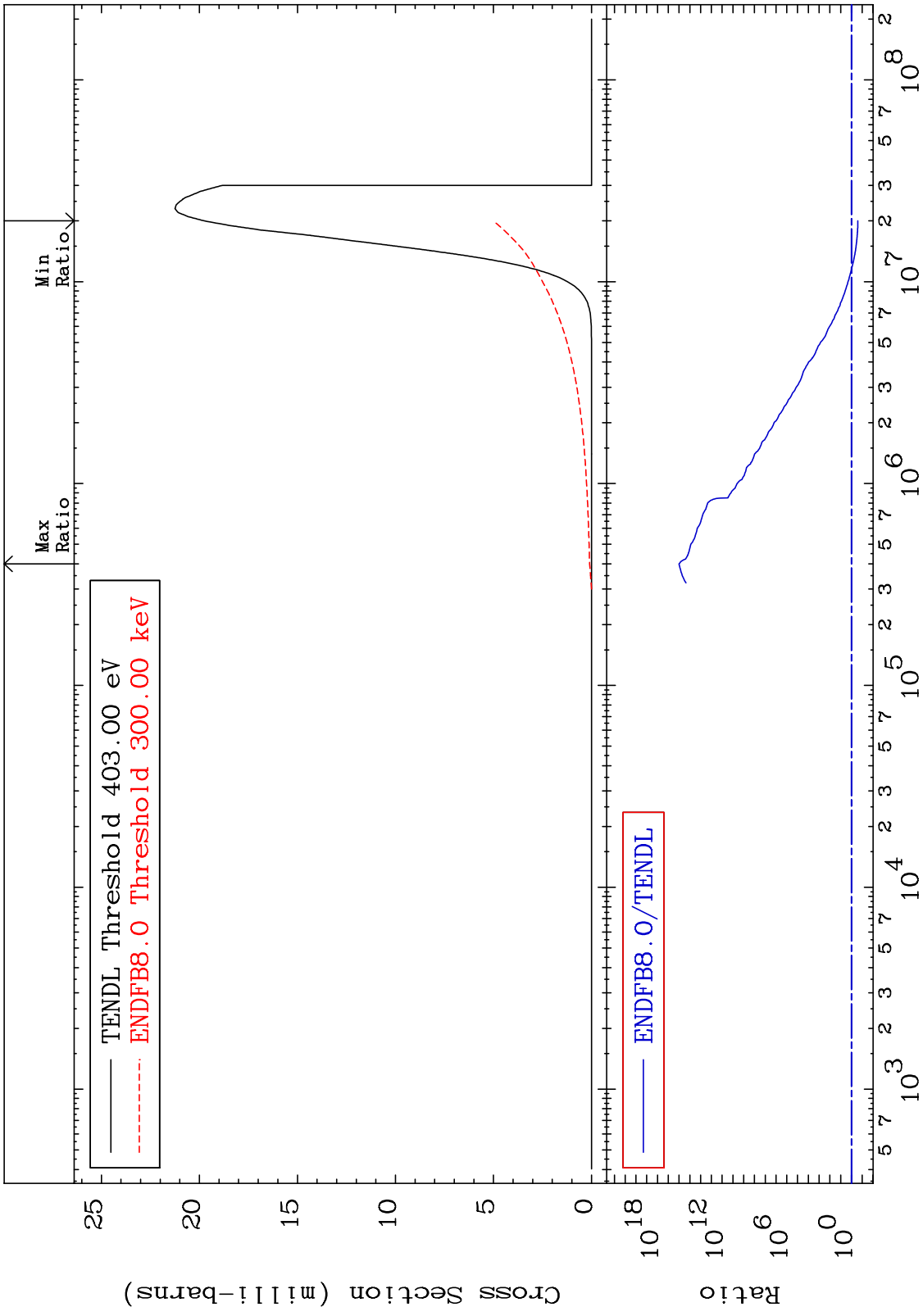
-94.44 To 9999. %

Cross Section





MAT 7128 (n,p) Cross Section 71-Lu-176  
 -74.69 To 9999. %



71-Lu-176

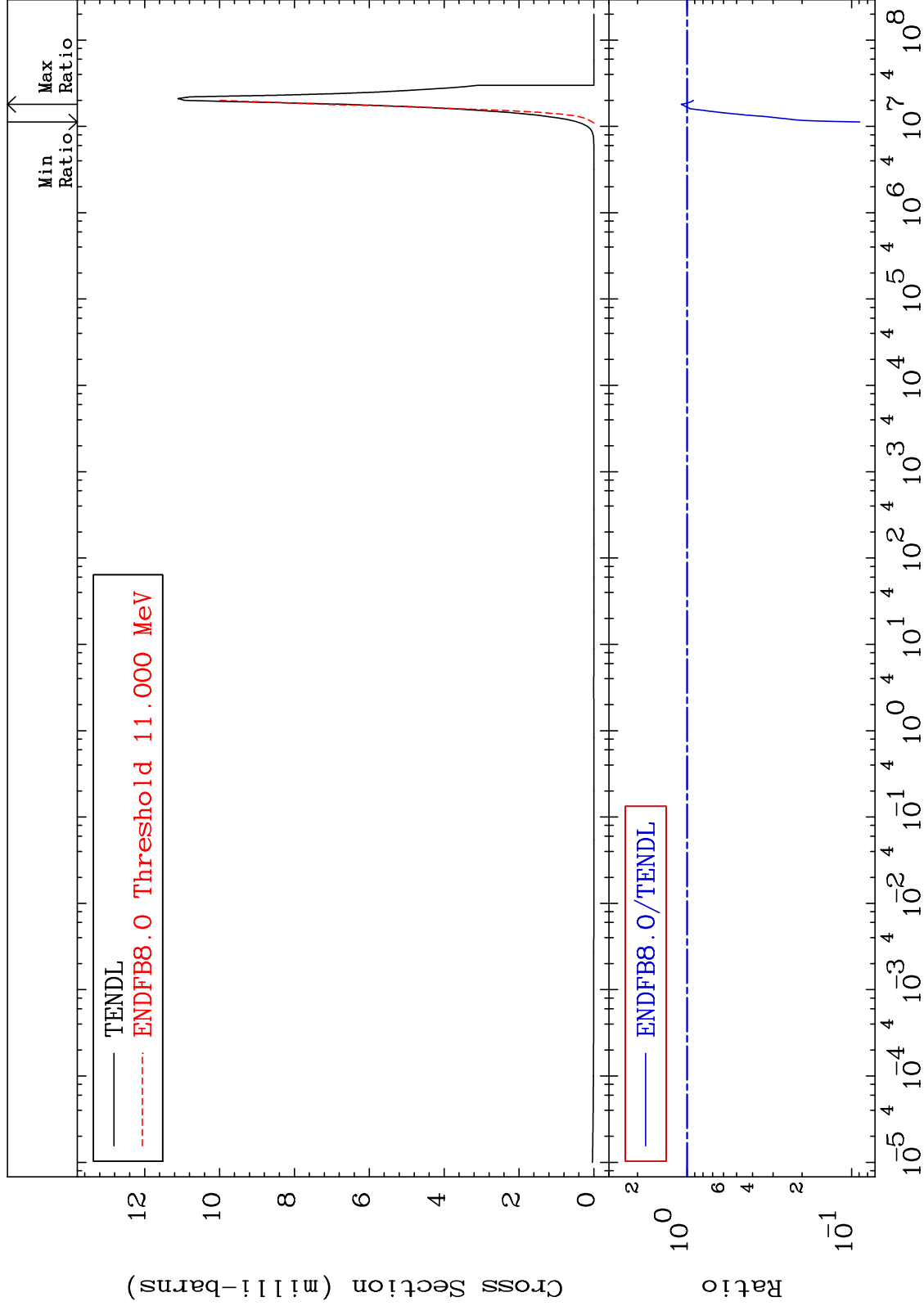
MAT 7128

(n,α)

71-Lu-176

Cross Section

-91.07 To 8.518 %



17

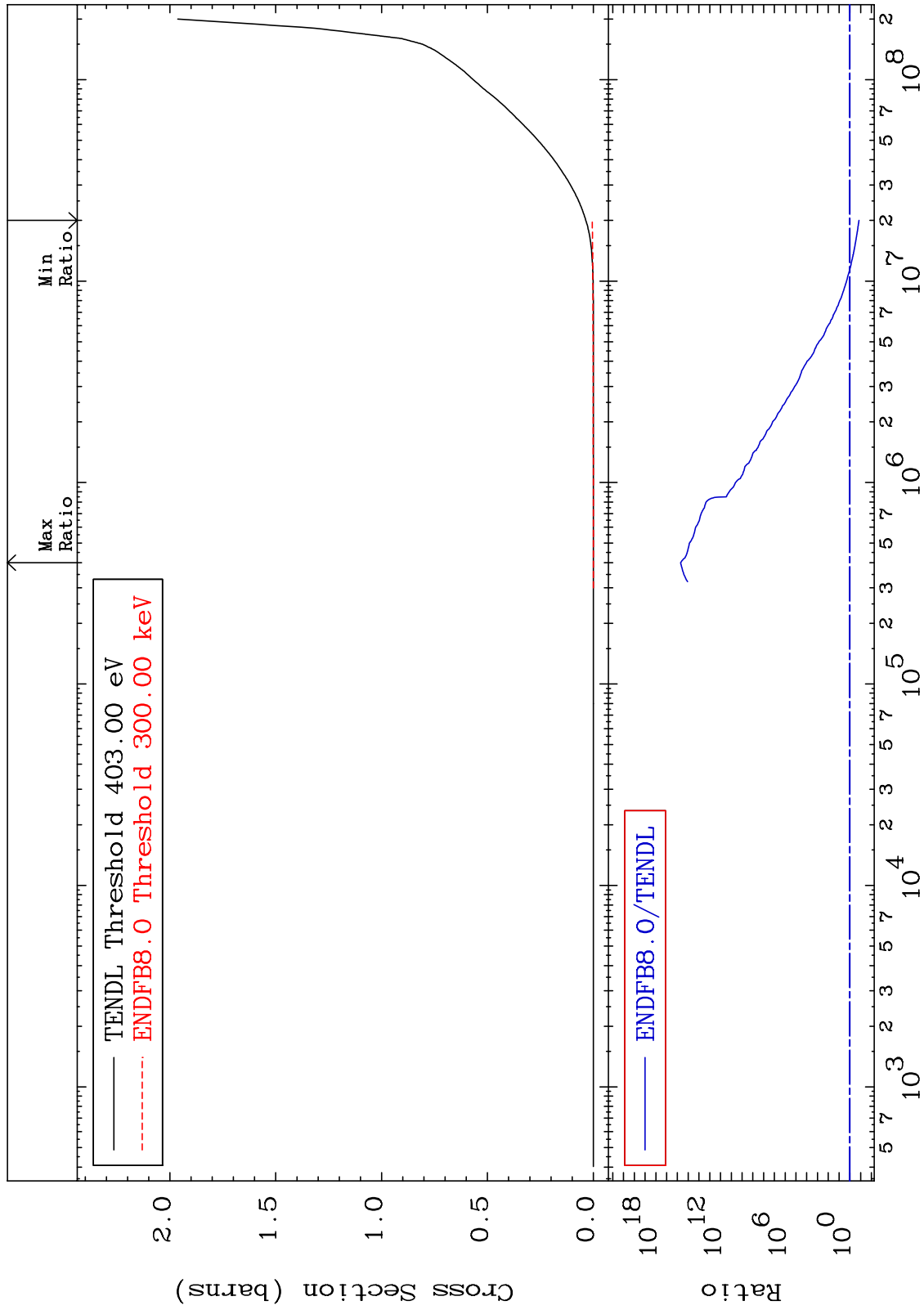
Incident Energy (eV)

71-Lu-176

MAT 7128

Hydrogen Production  
Cross Section

71-Lu-176  
-85.90 To 9999. %



18

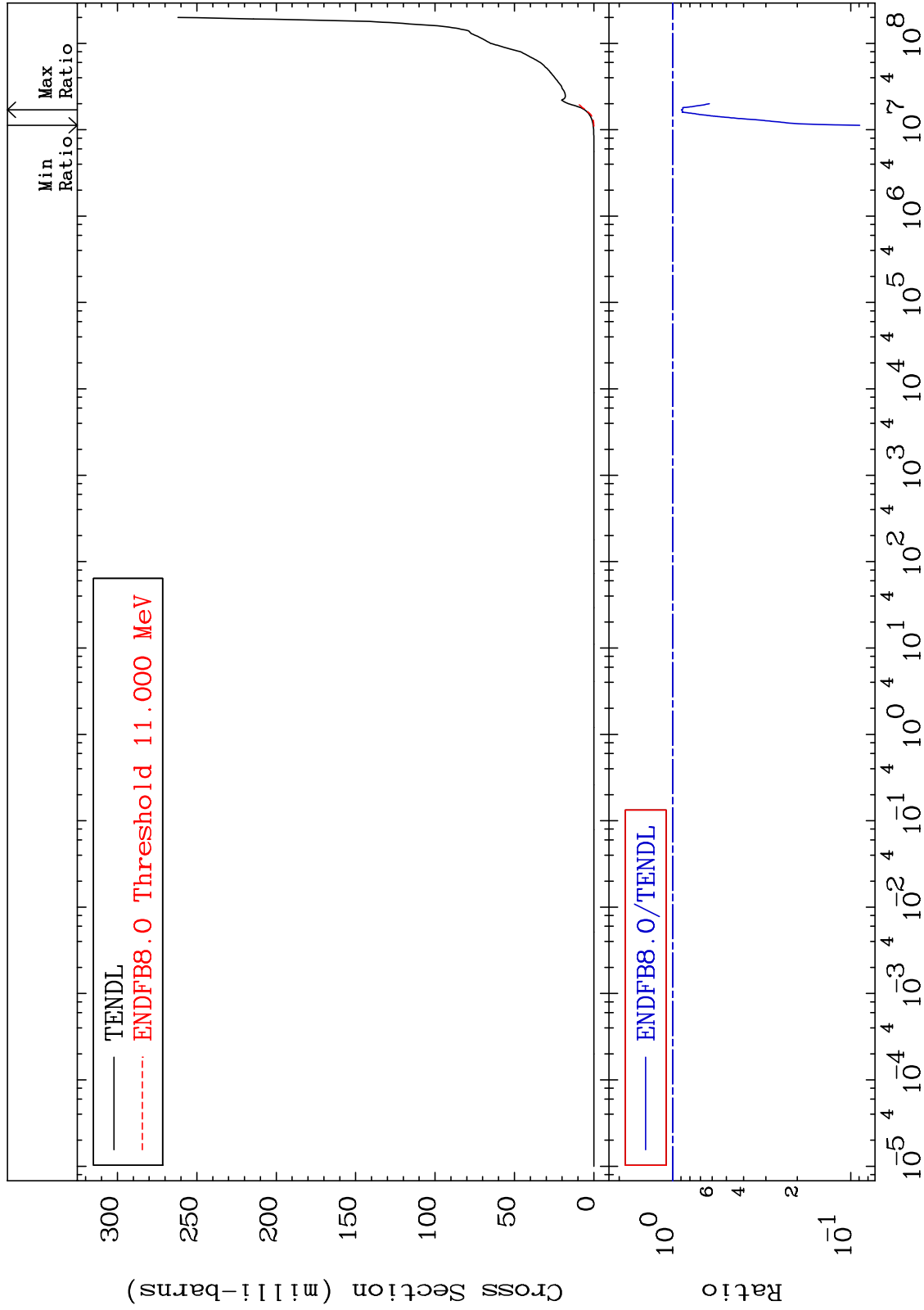
Incident Energy (eV)

71-Lu-176

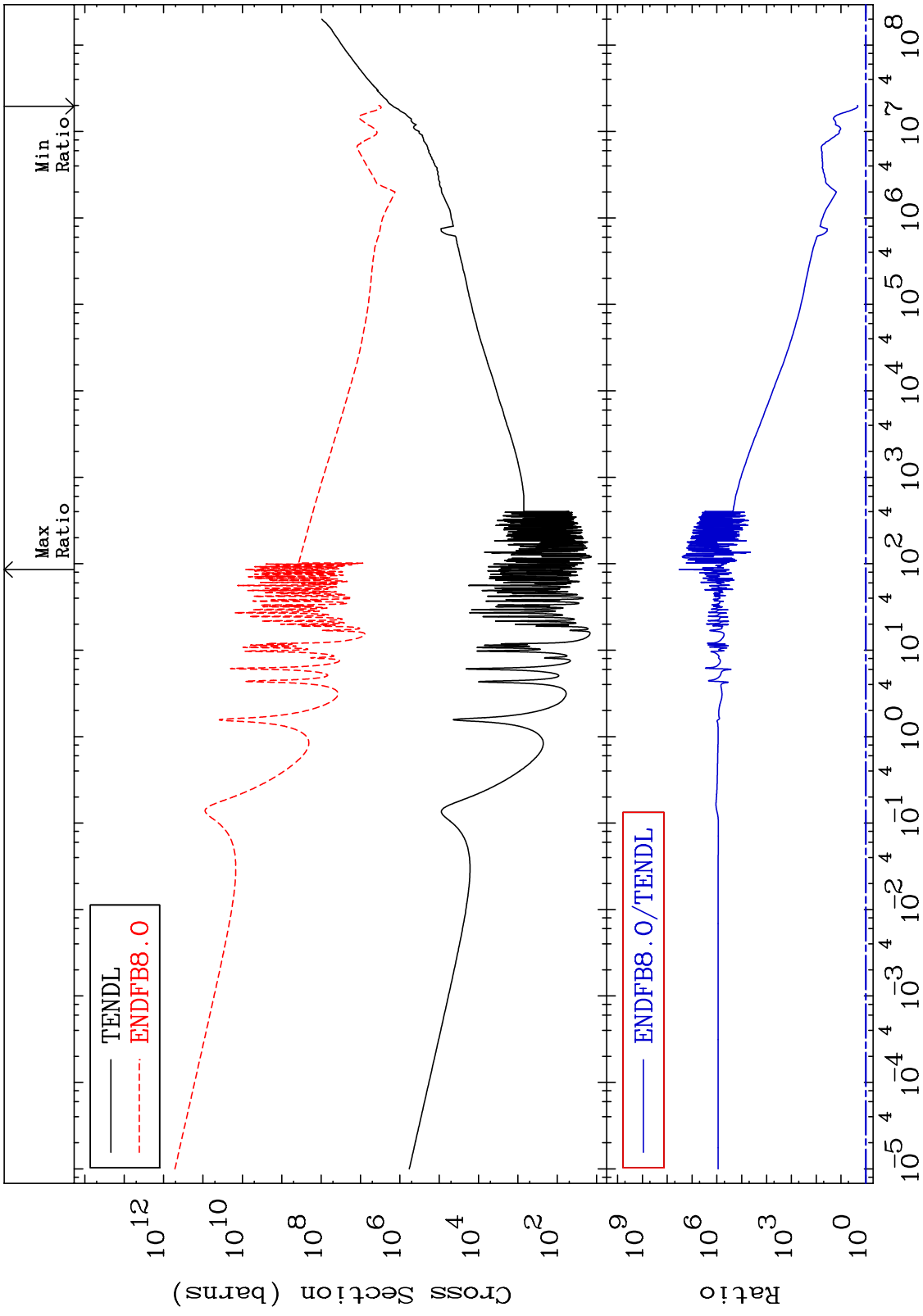
MAT 7128

He-4 Production  
Cross Section

71-Lu-176  
-91.09 To -10.45%



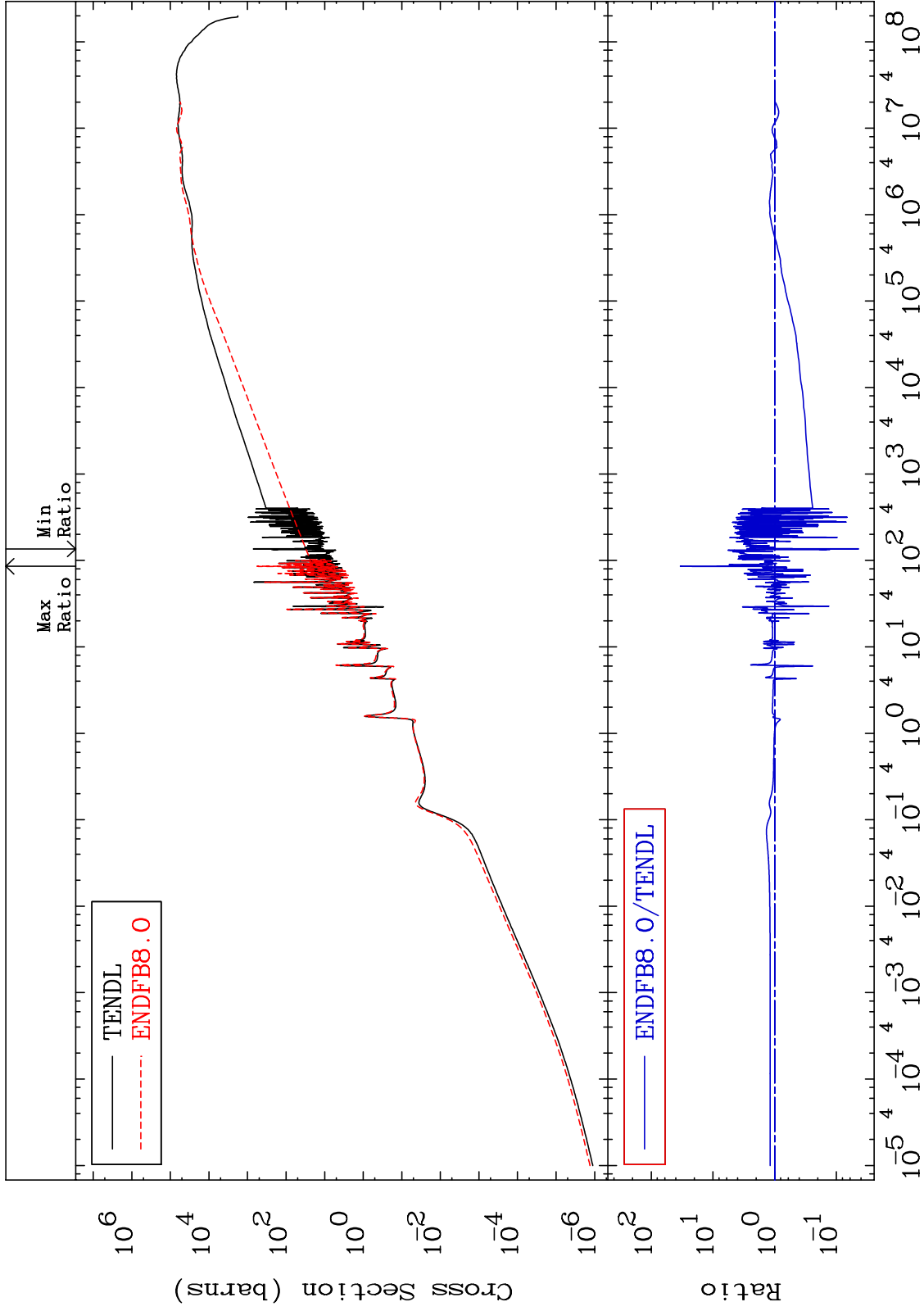
MAT 7128 Kerma total (eV-barns) 71-Lu-176  
 Cross Section 109.9 To 9999. %



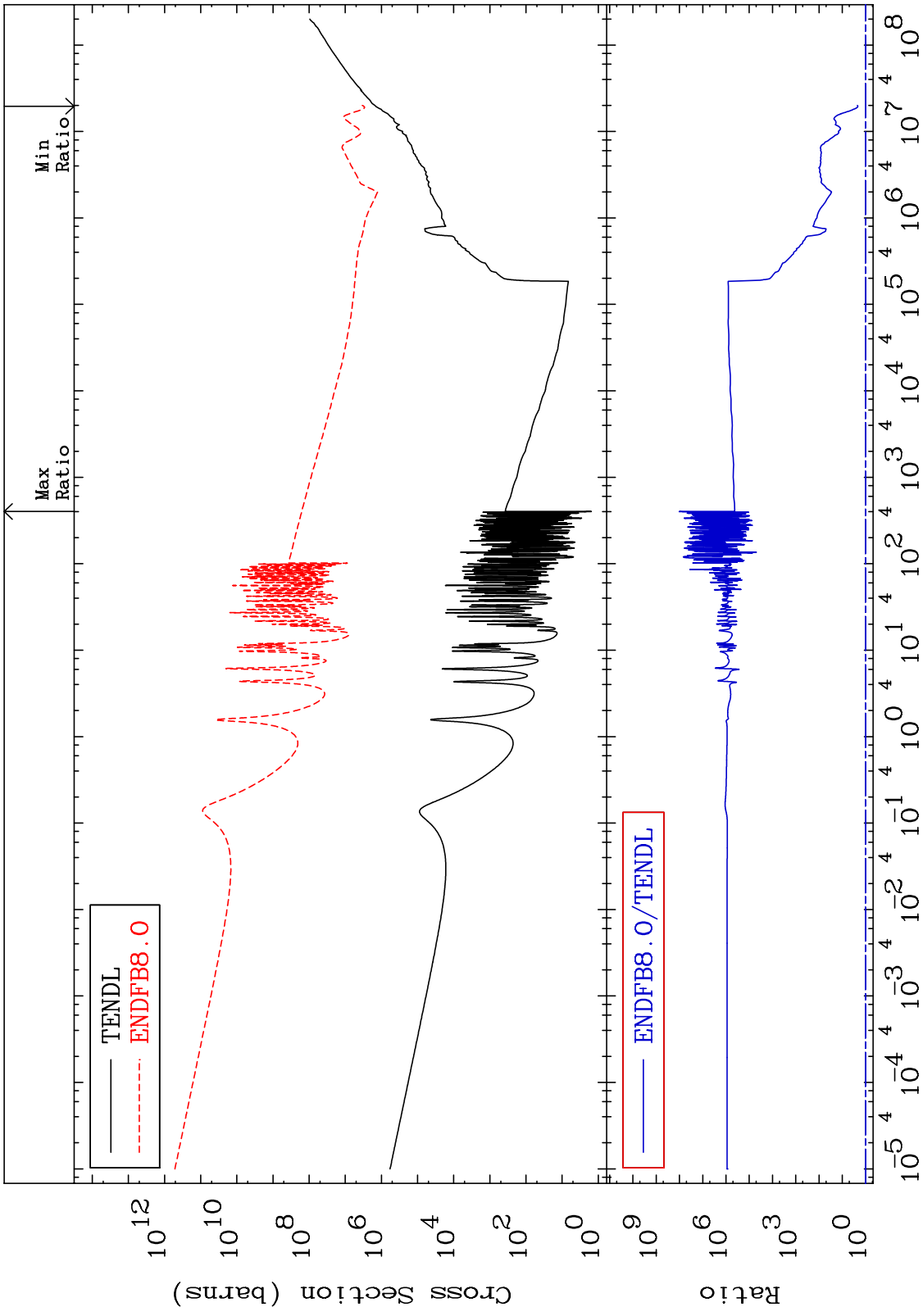
MAT 7128

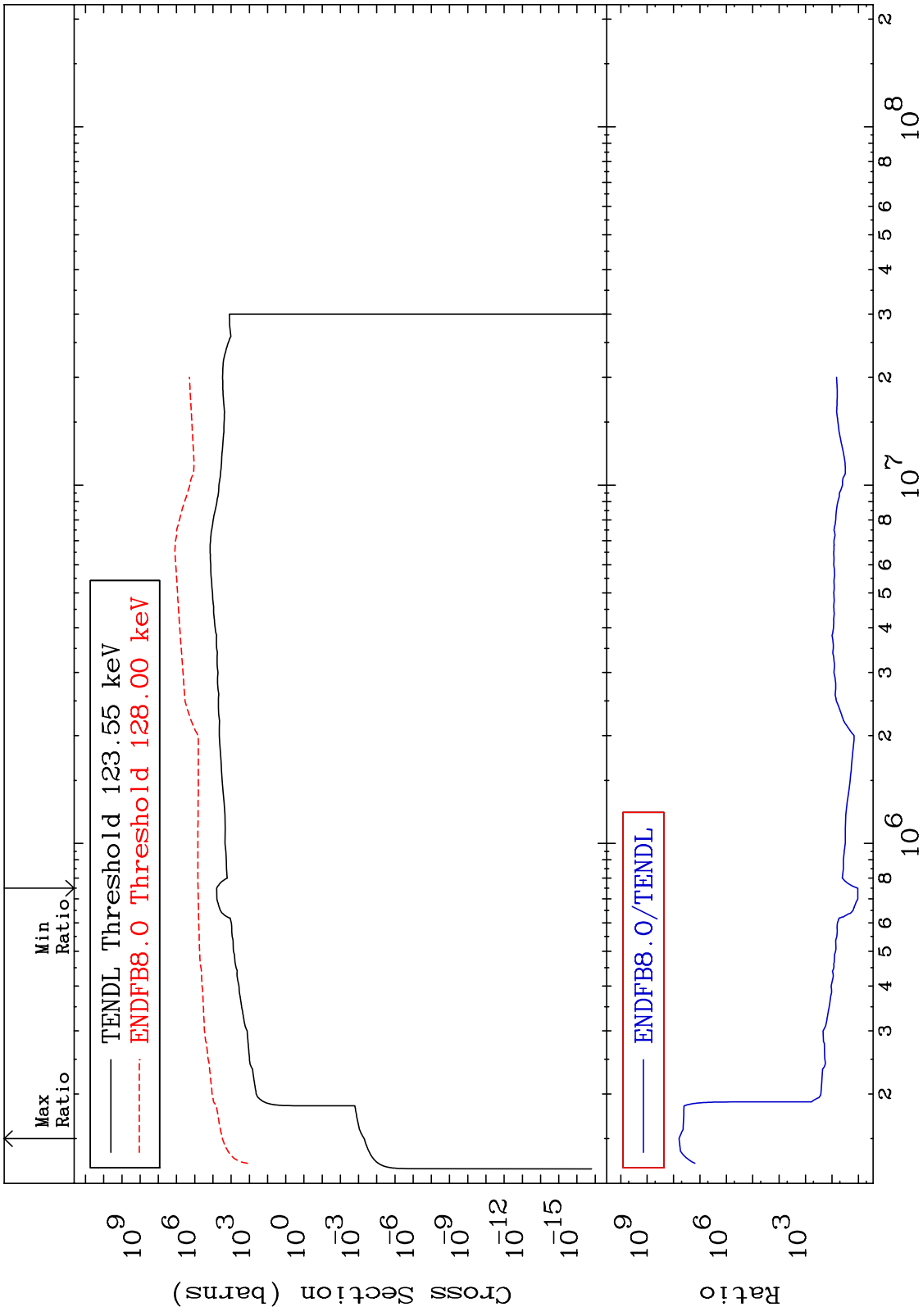
Kerma elastic  
Cross Section

71-Lu-176  
-95.67 To 3290. %



MAT 7128      Kerma non-elastic (all but mt2)      71-Lu-176  
 Cross Section      114.4    To 9999. %



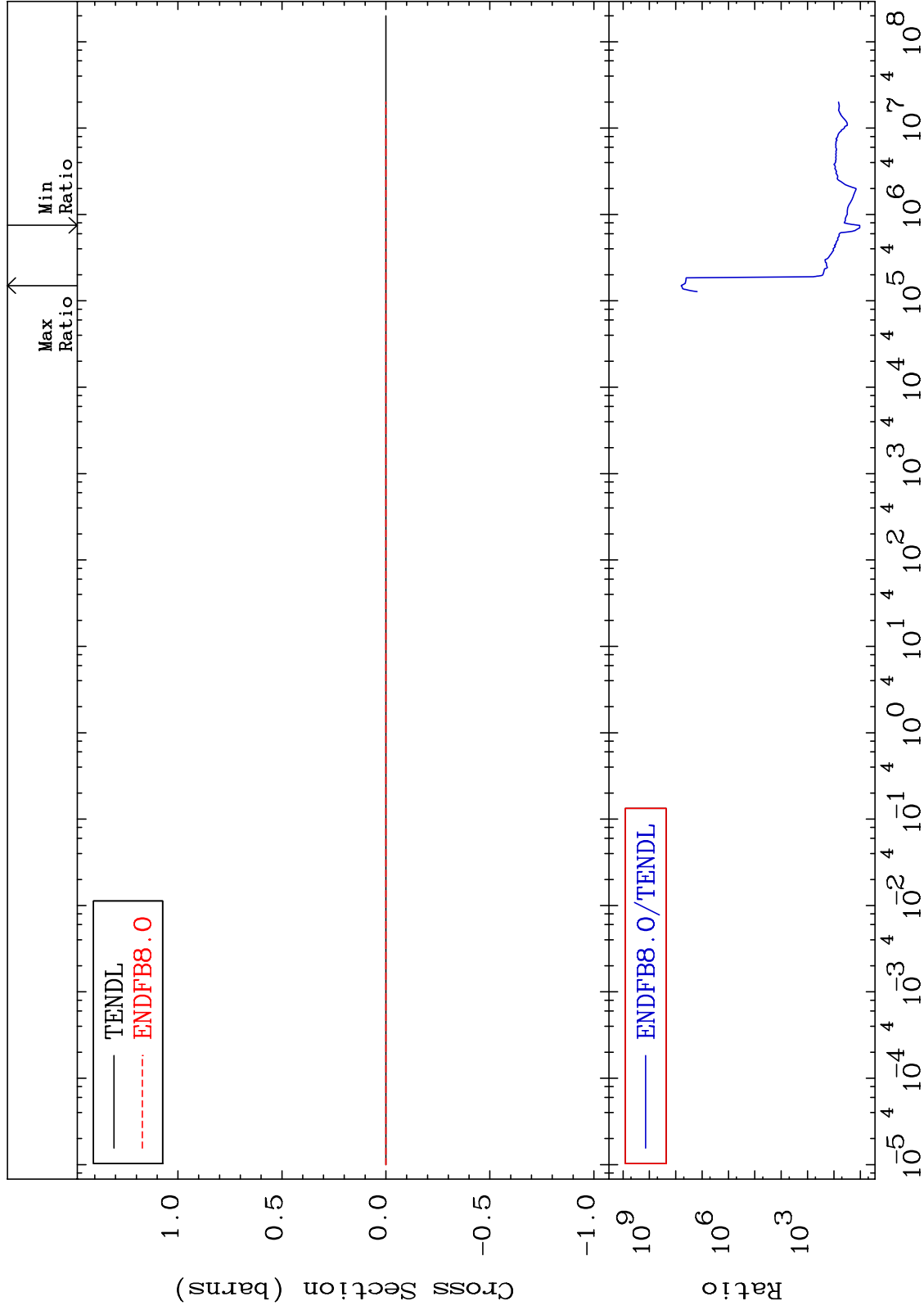


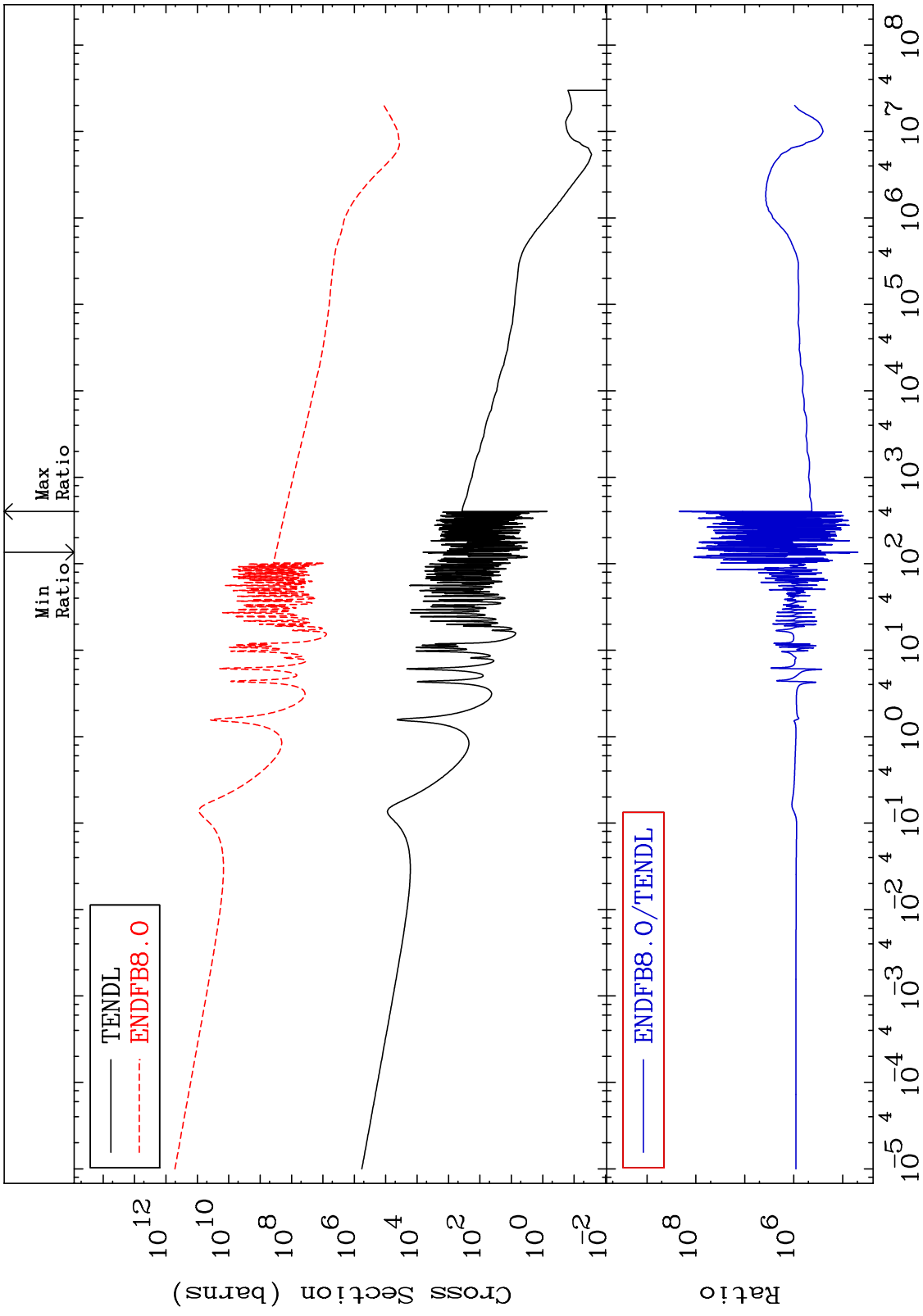


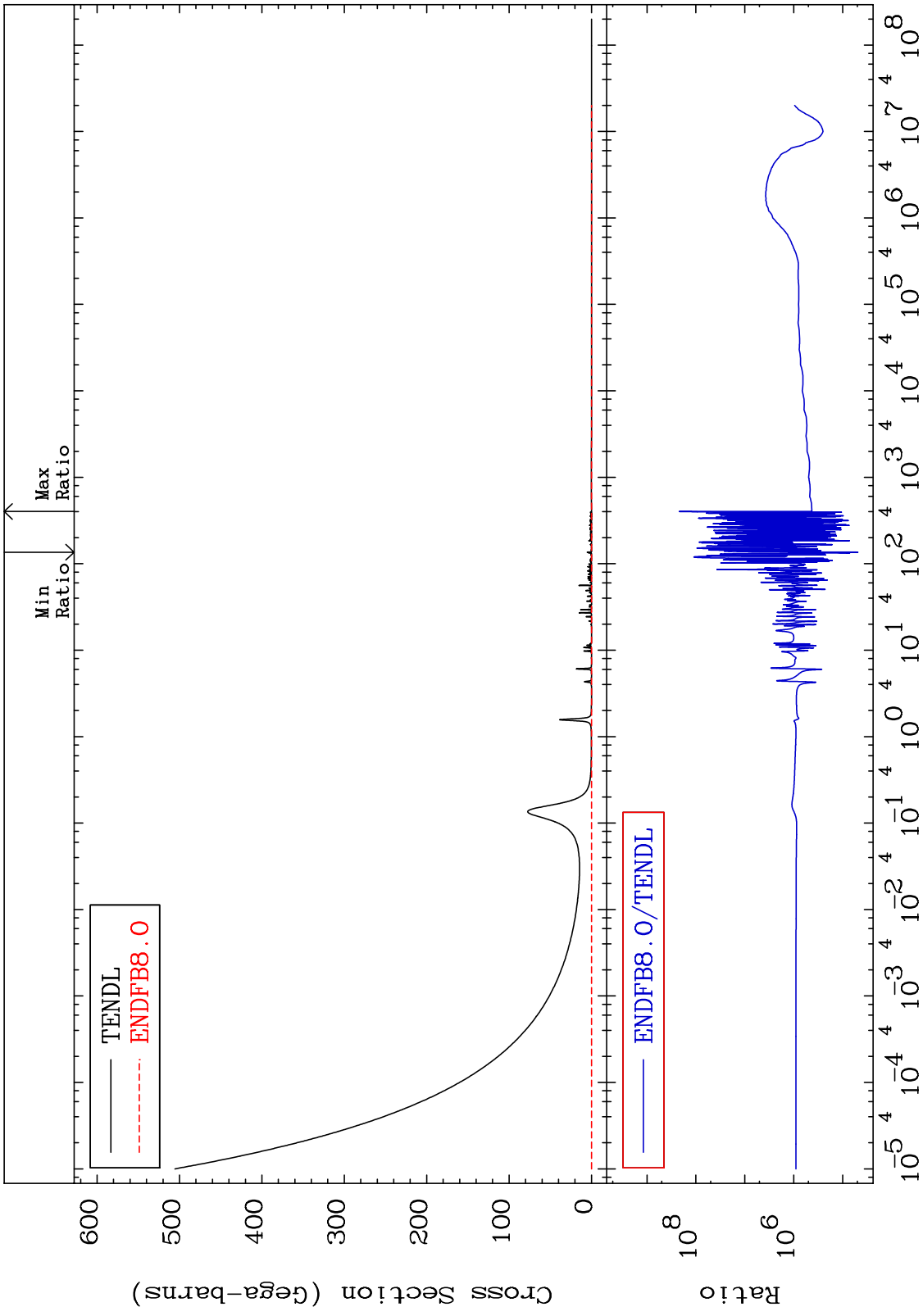
MAT 7128

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

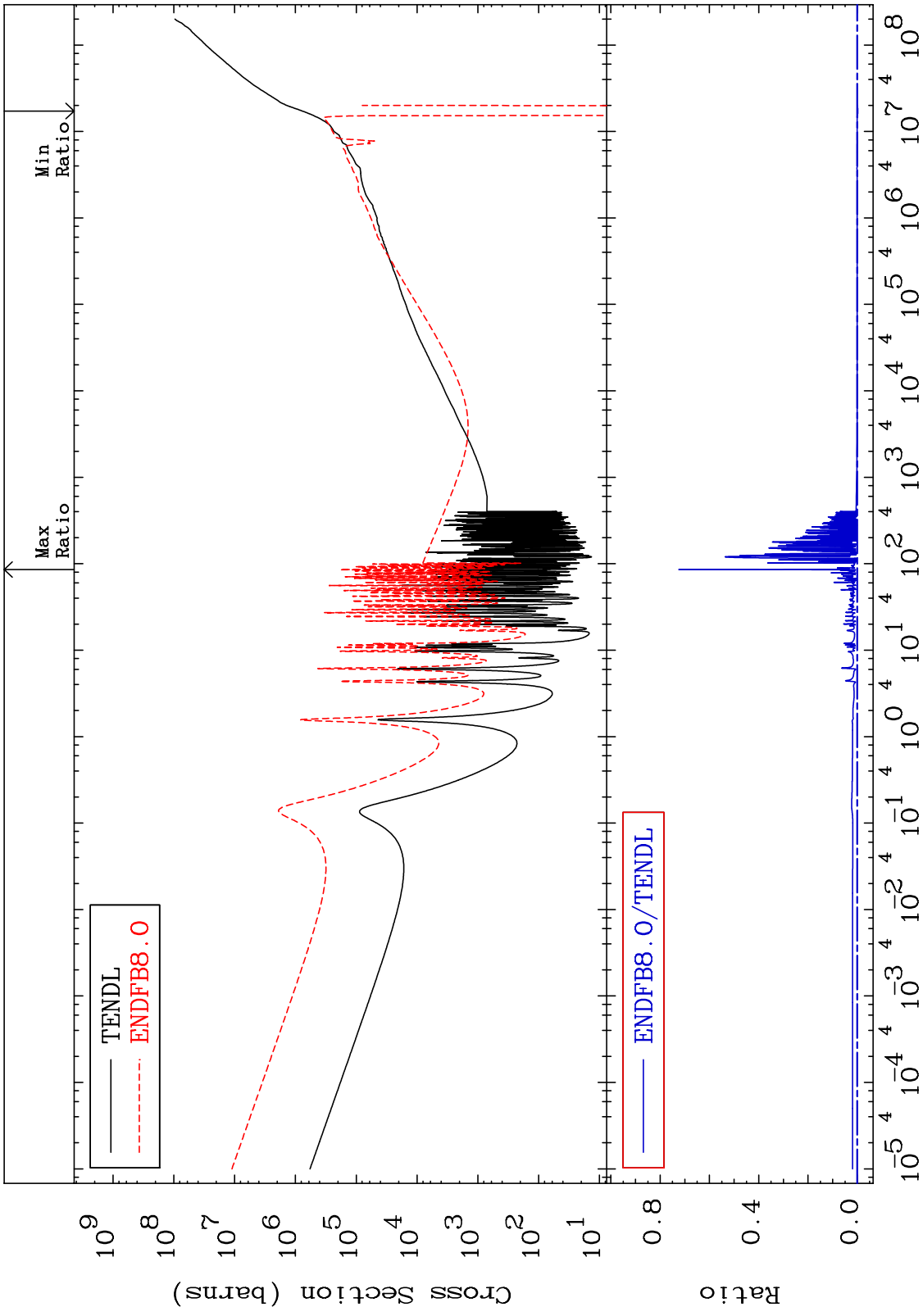
71-Lu-176  
944.7 To 9999. %



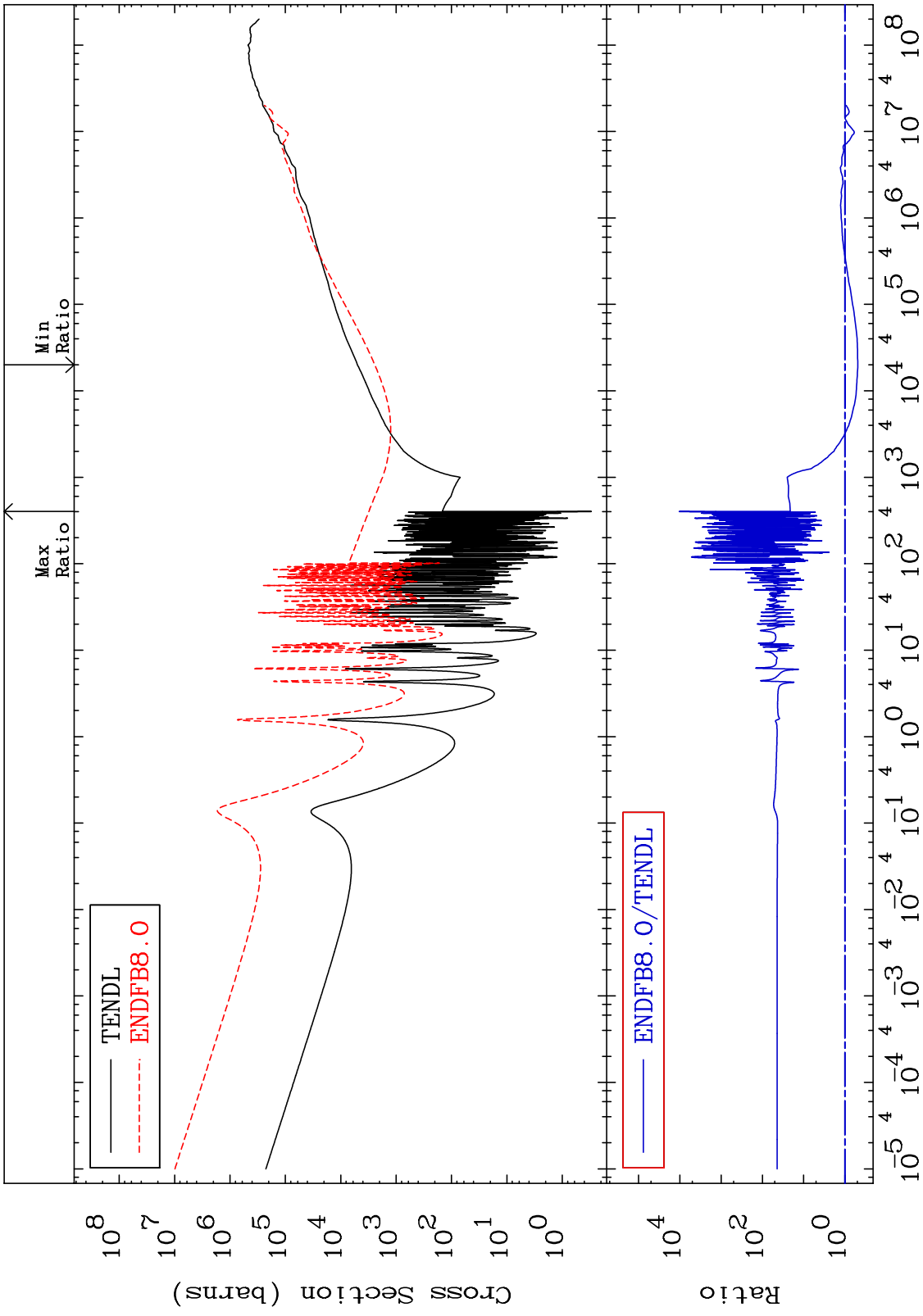




MAT 7128      Total kinematic kerma (high limit)      71-Lu-176  
 Cross Section      -295.3 To 9999. %

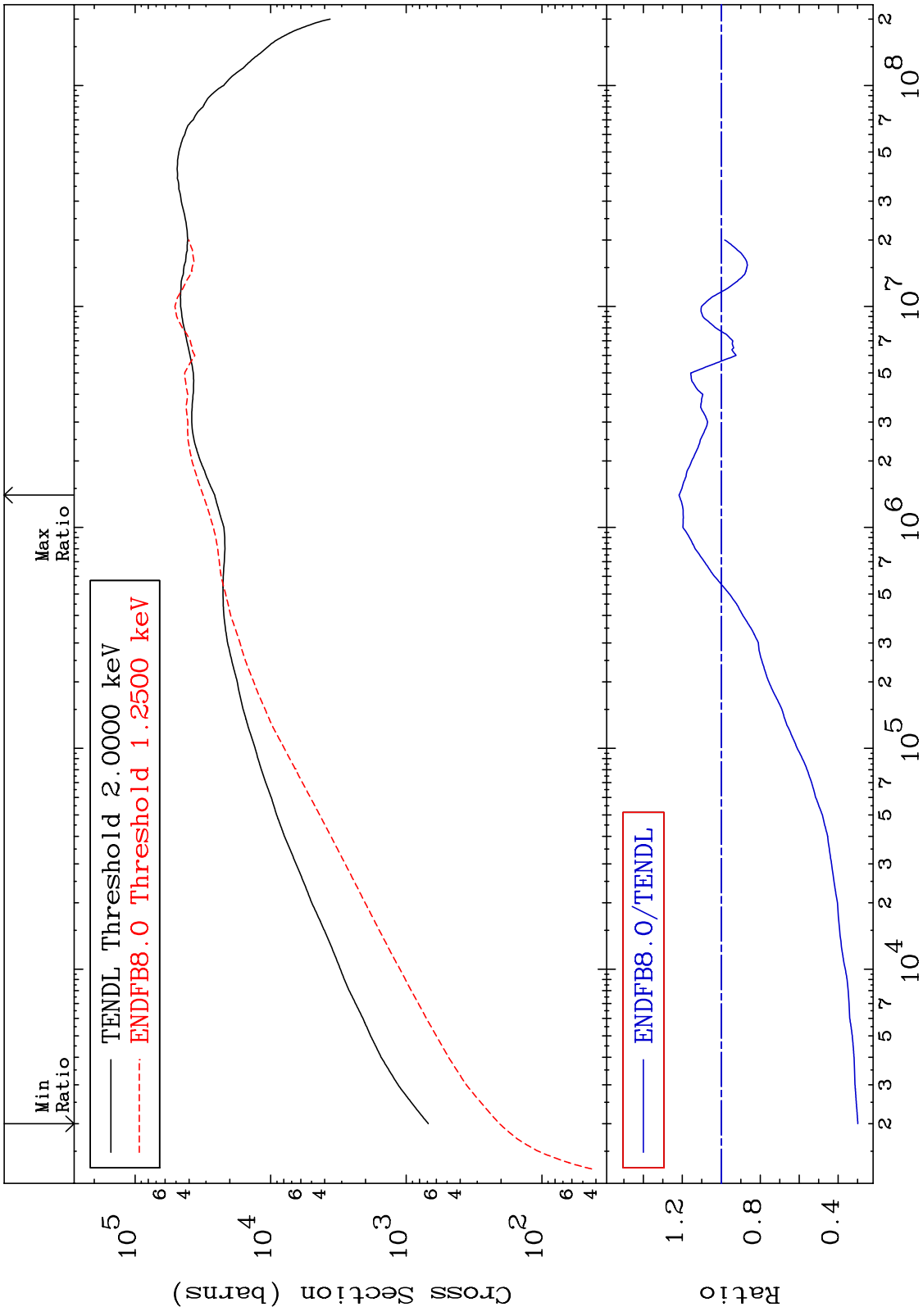


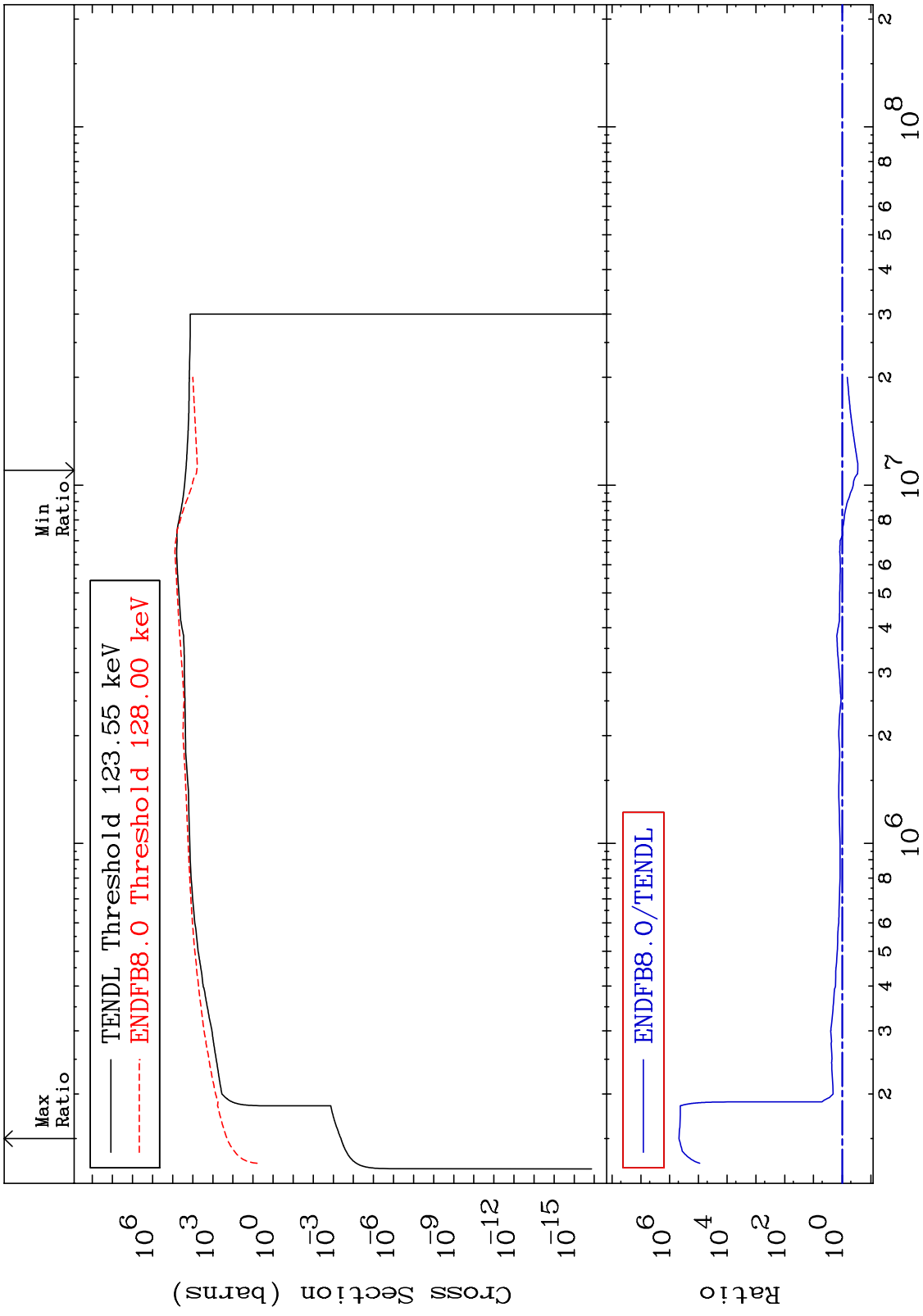
MAT 7128 71-Lu-176  
 Dpa total (eV-barns) -51.29 To 9999. %  
 Cross Section



71-Lu-176

MAT 7128 71-Lu-176  
 Dpa elastic (mt2) -70.11 To 21.69 %  
 Cross Section





MAT 7128      Dpa disappearance (mt102 -120)      71-Lu-176  
 Cross Section      -33.33 To 9999. %

