

Program Complot  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

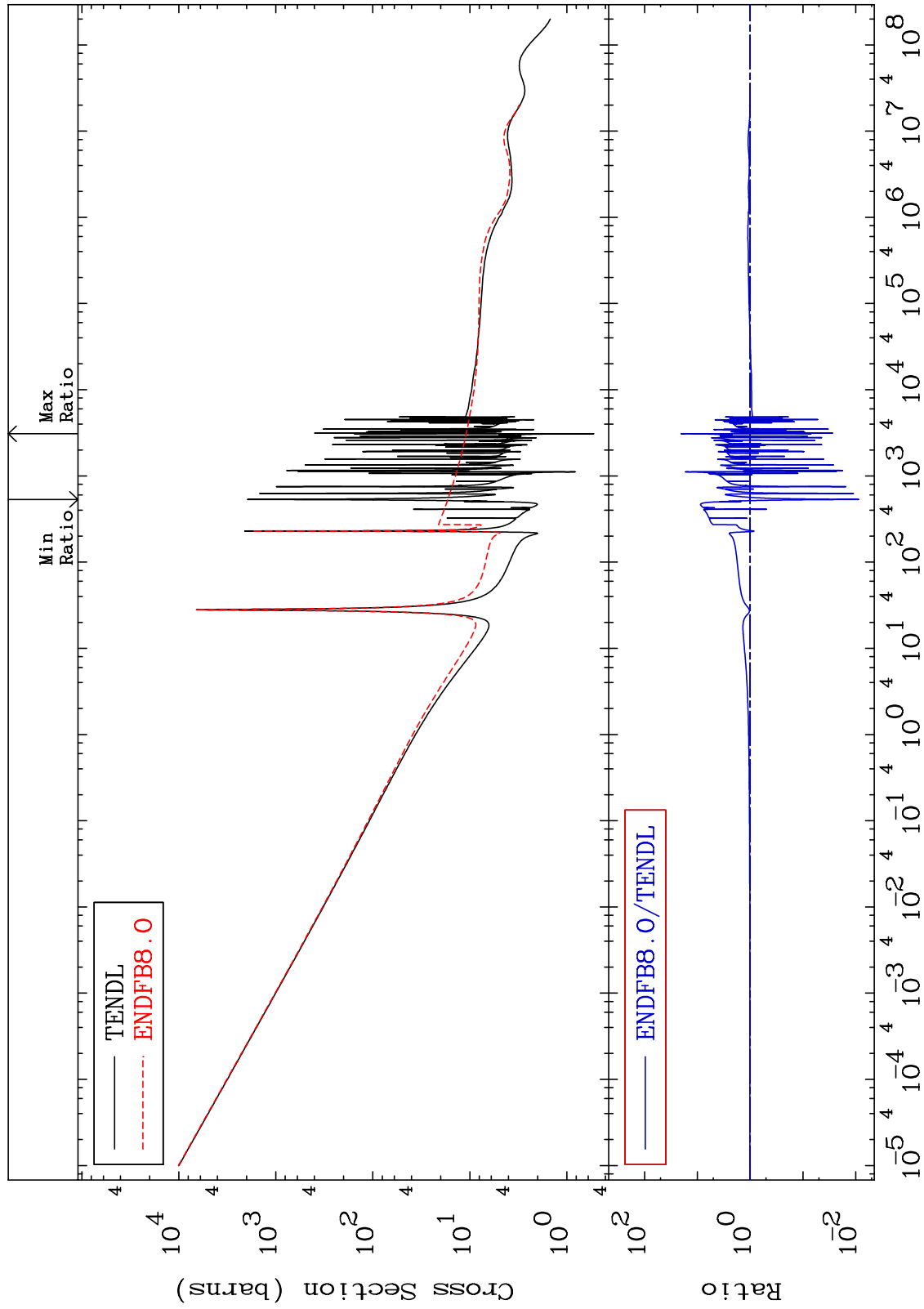
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3640 Total Cross Section 36-Kr-83 -99.14 To 1957. %



36-Kr-83

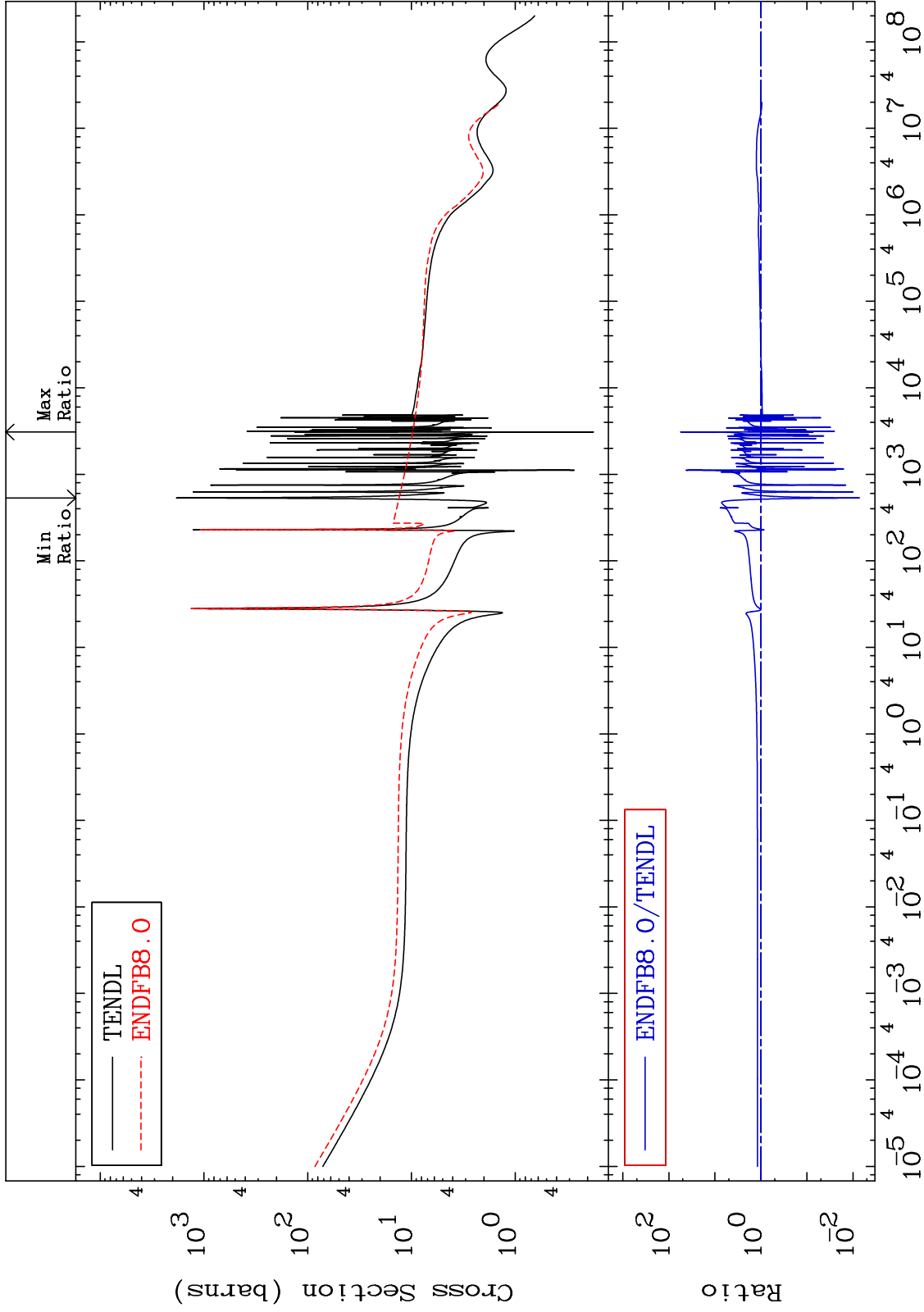
Incident Energy (eV)

1

MAT 3640

Elastic  
Cross Section

36-Kr-83  
-99.28 To 5402. %

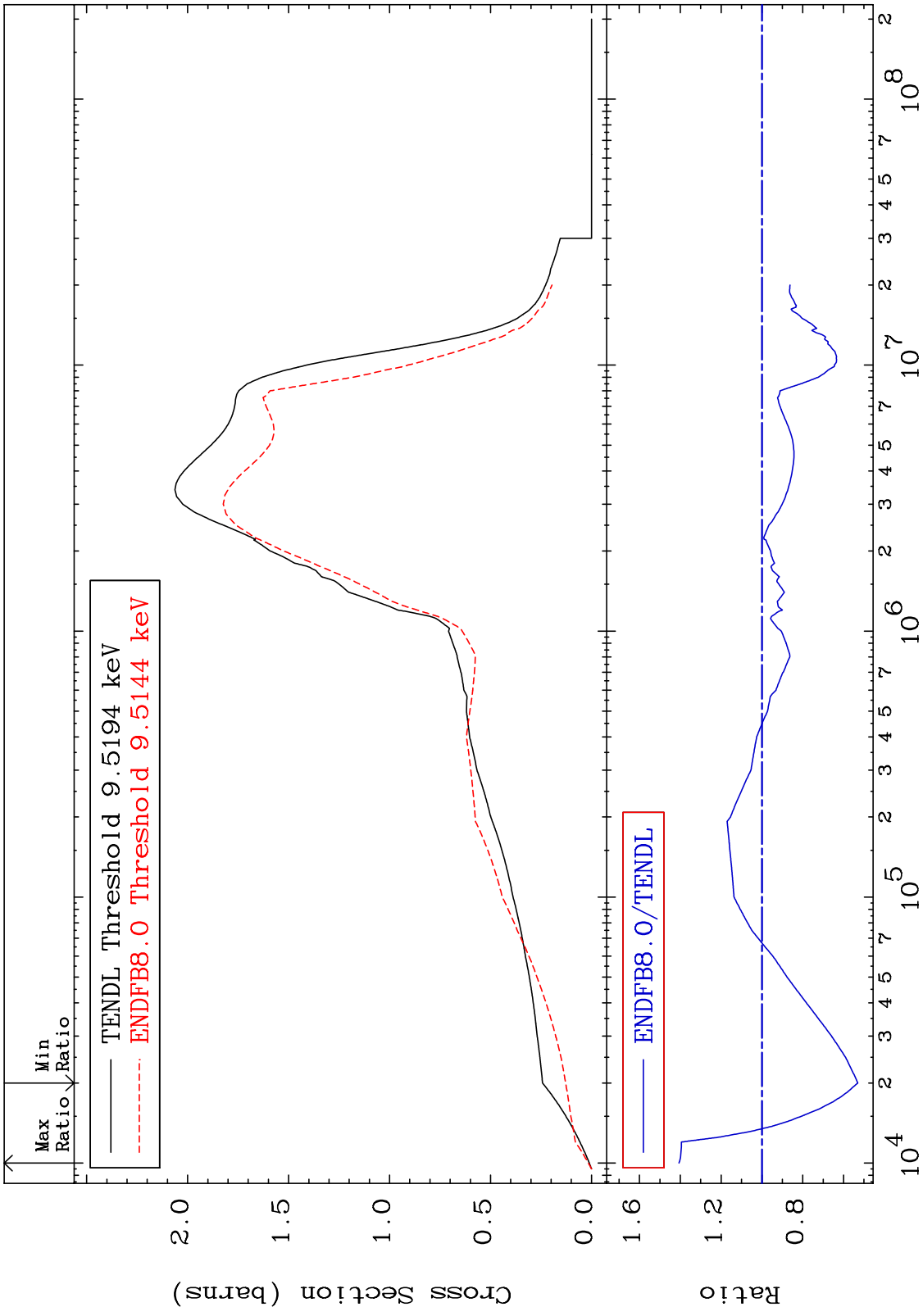


2

Incident Energy (eV)

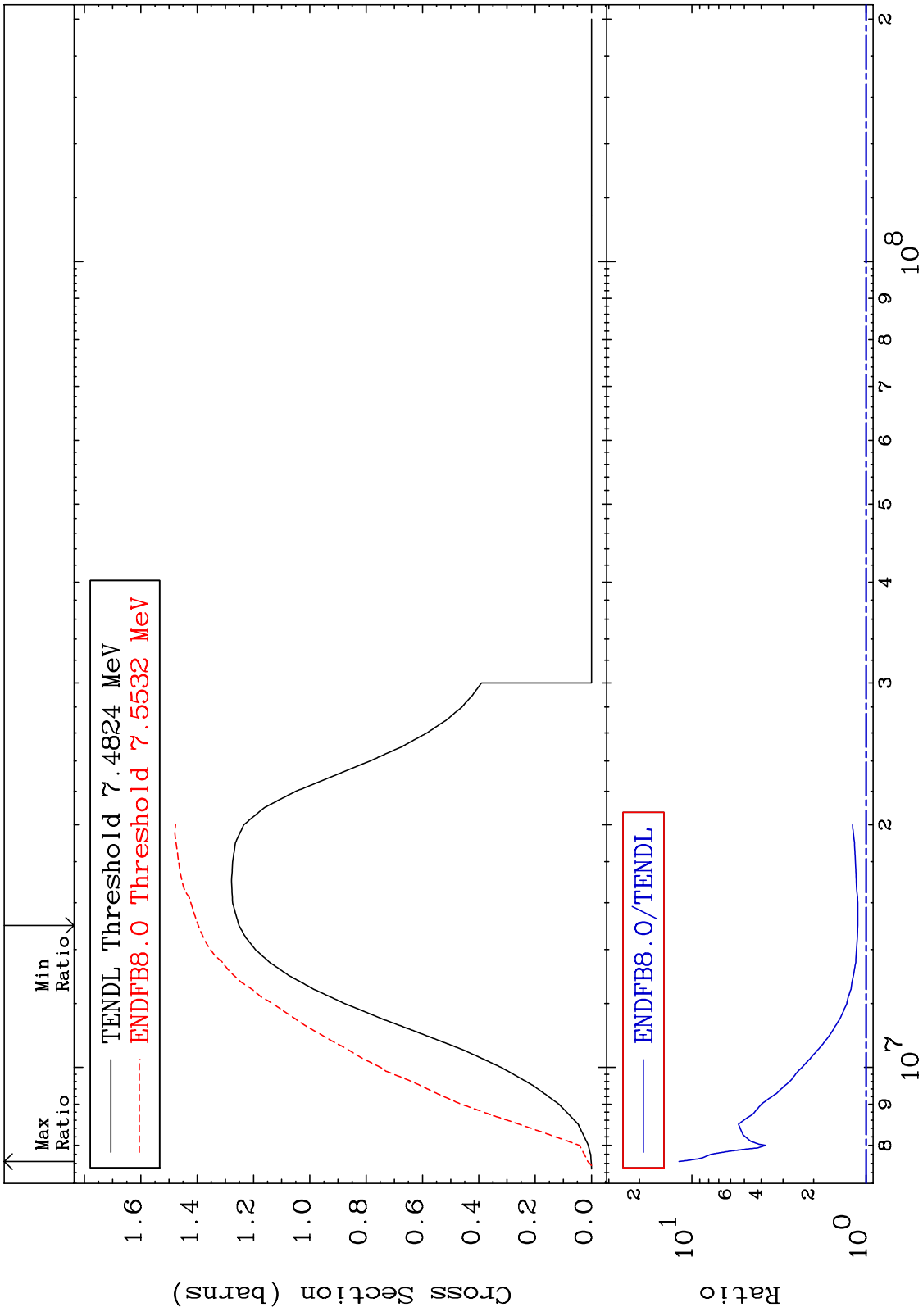
36-Kr-83

MAT 3640 Inelastic Cross Section 36-Kr-83 -46.99 To 40.62 %

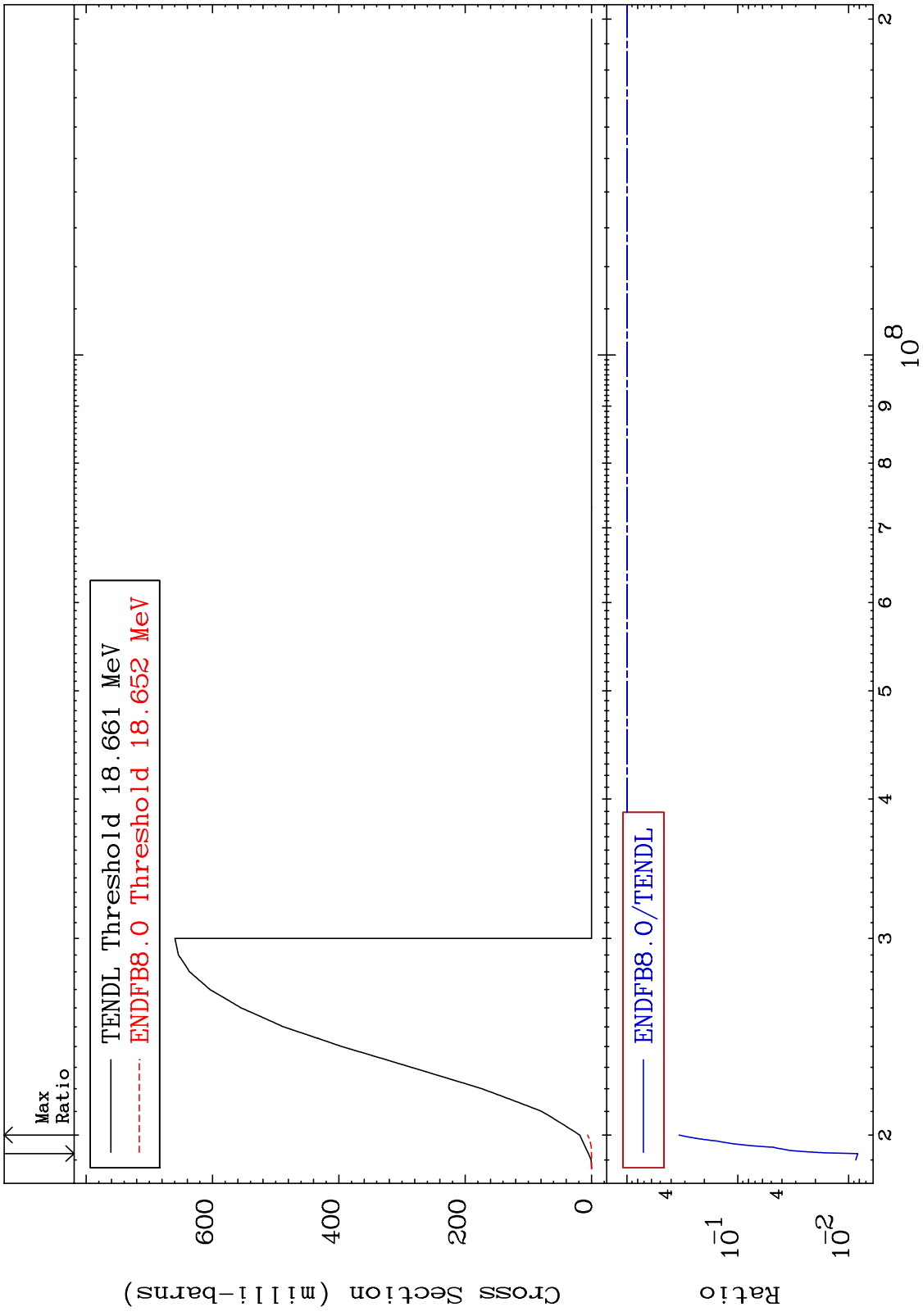


36-Kr-83

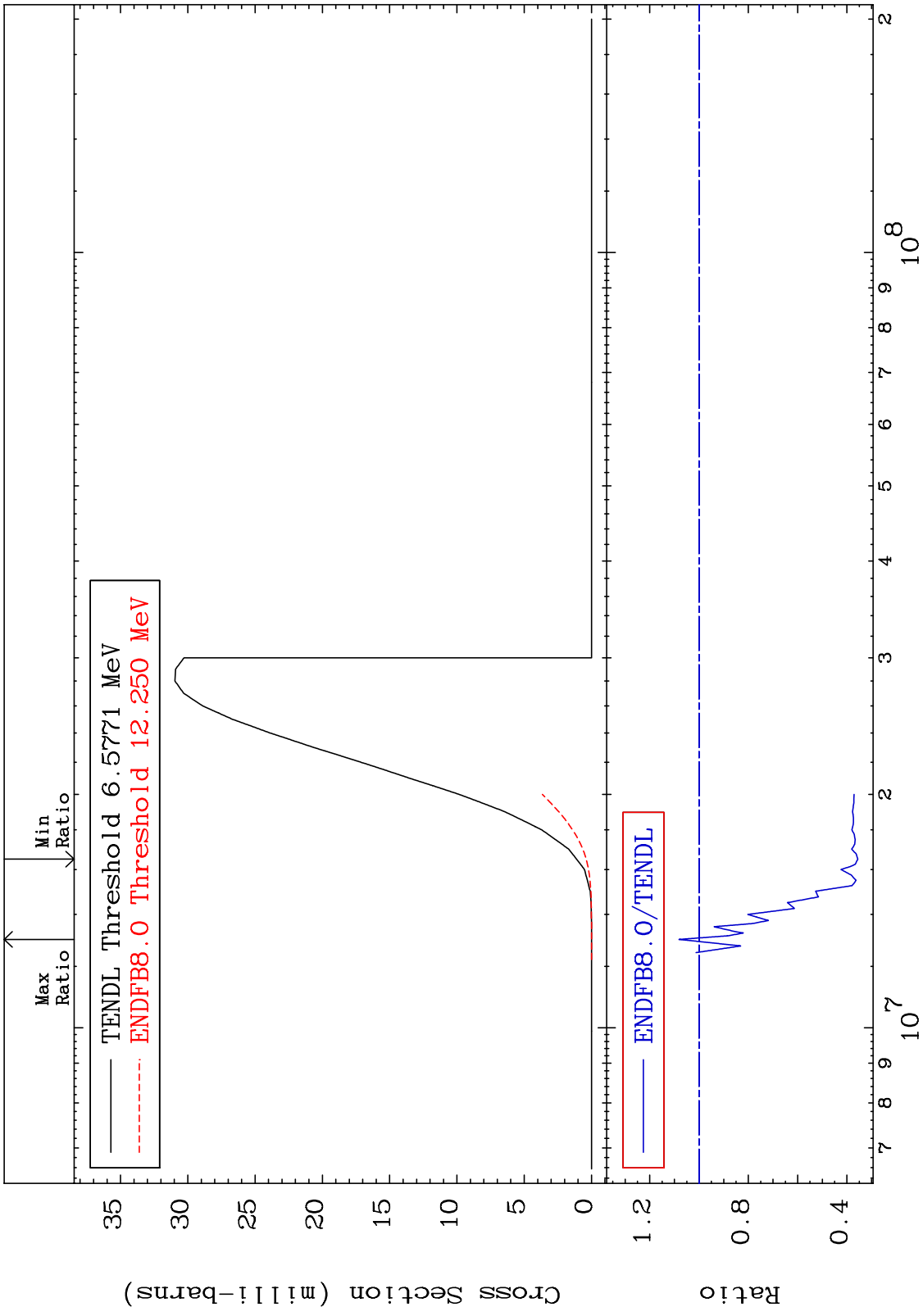
MAT 3640 36-Kr-83  
(n,2n) Cross Section  
11.53 To 1085. %



MAT 3640 (n,3n) Cross Section 36-Kr-83 -99.17 To -66.15%

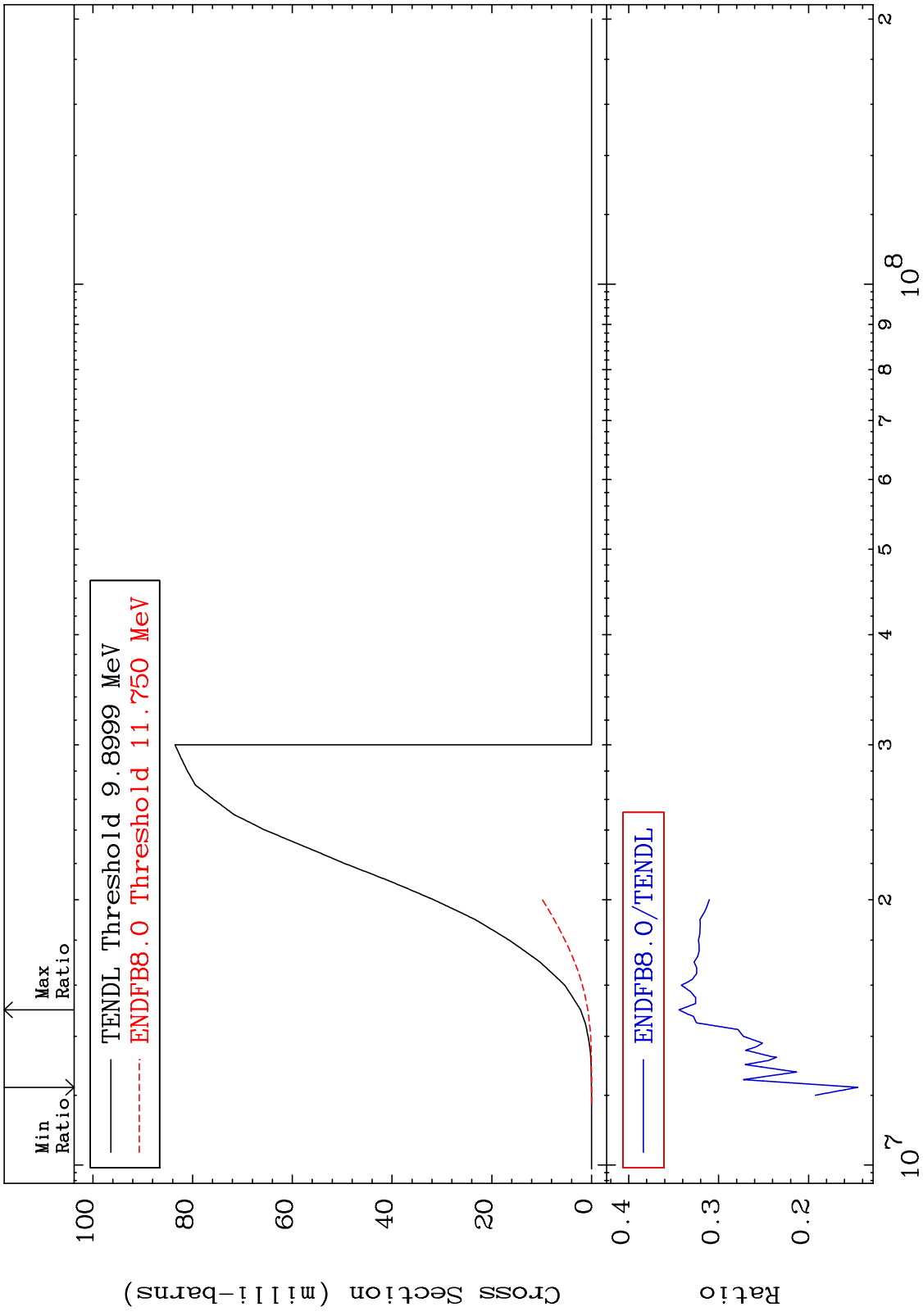


MAT 3640  $(n, n') \alpha$  36-Kr-83  
 Cross Section -64.41 To 8.122 %



6 36-Kr-83

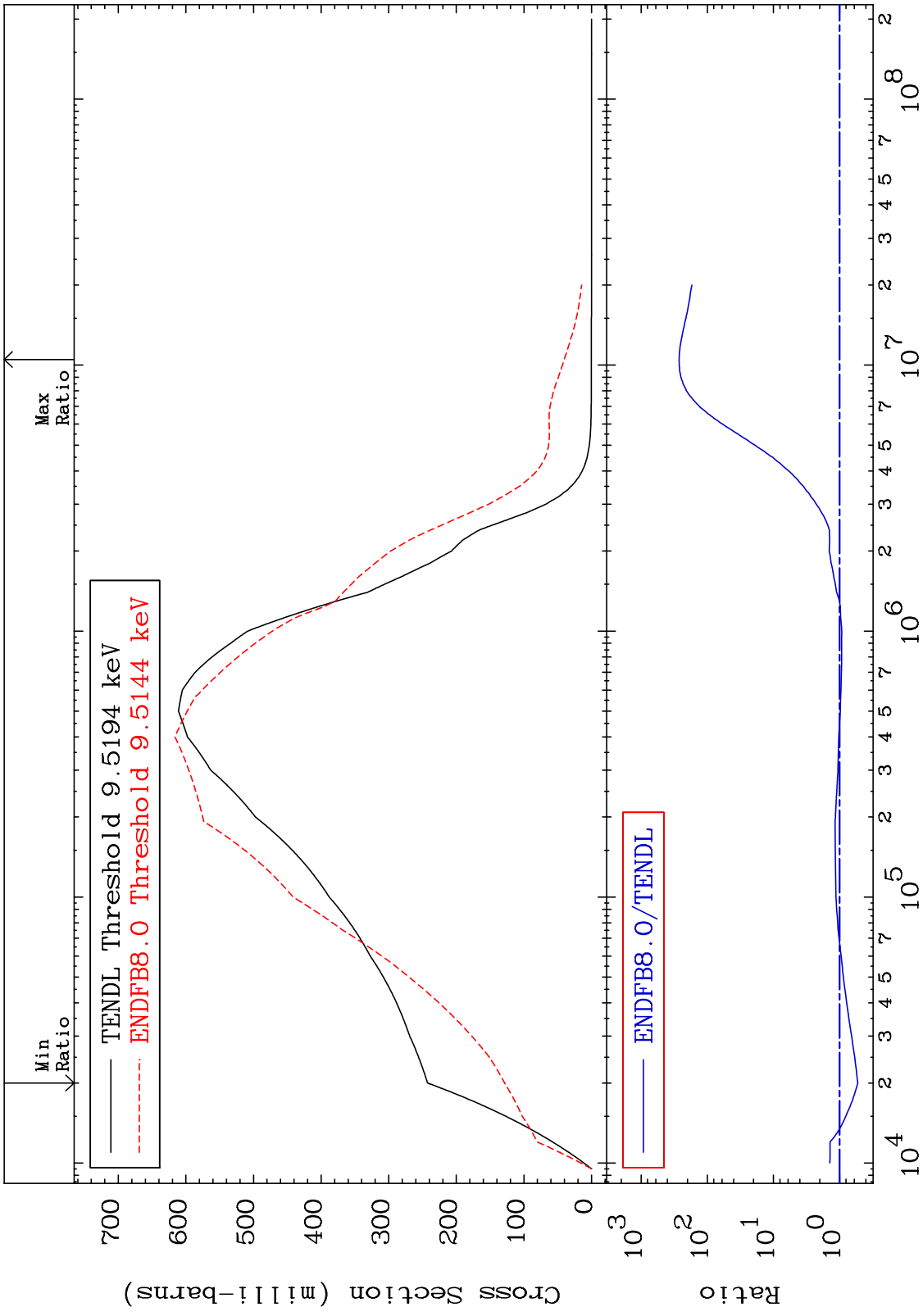
MAT 3640  $(n, n')$  p  $^{36}\text{Kr-83}$   
 Cross Section  $-85.48 \text{ To } -65.60\%$



Incident Energy (eV)  $^{36}\text{Kr-83}$

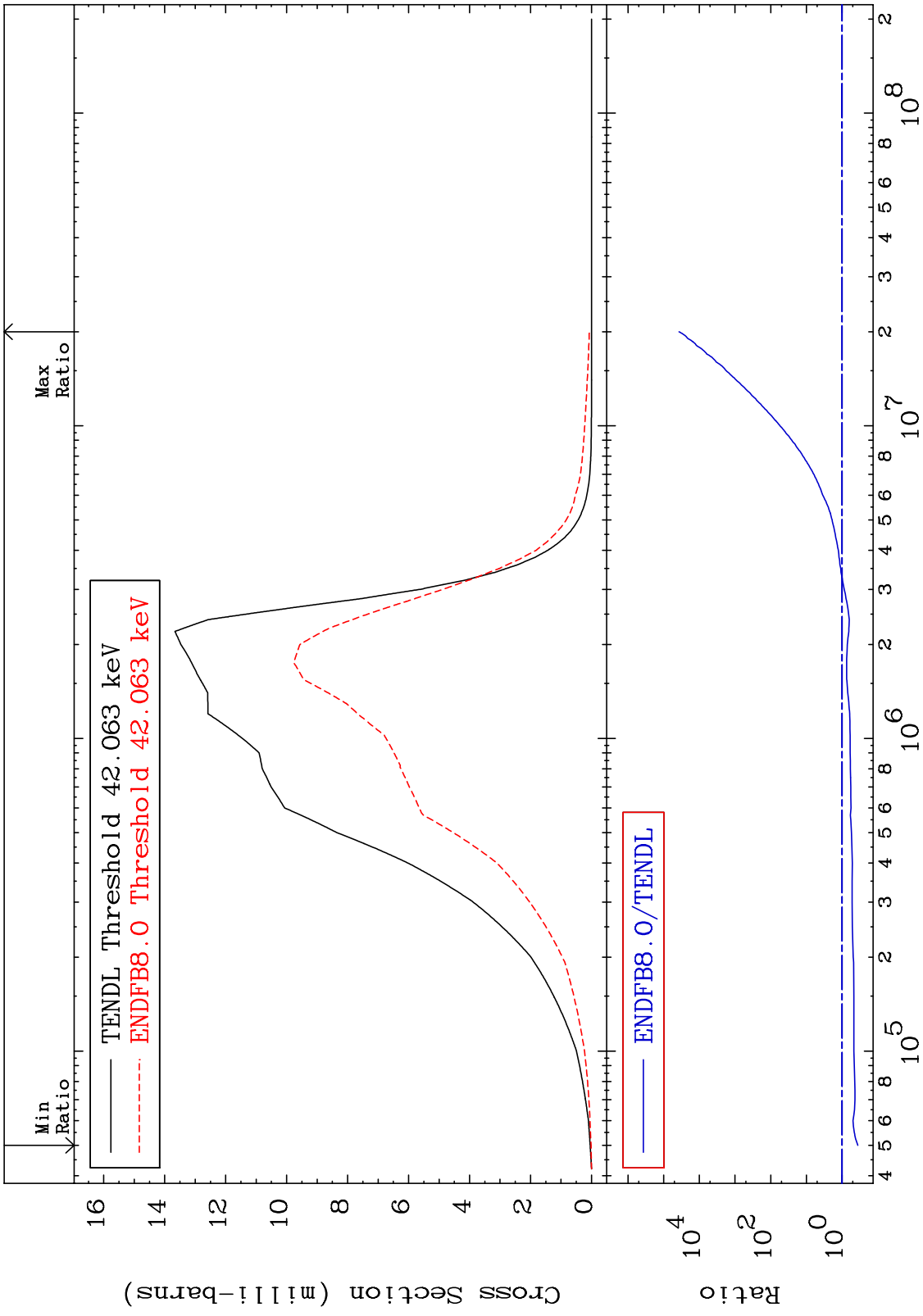


MAT 3640 MT= 51 (n,n') Level Cross Section -46.99 To 9999. % 36-Kr-83

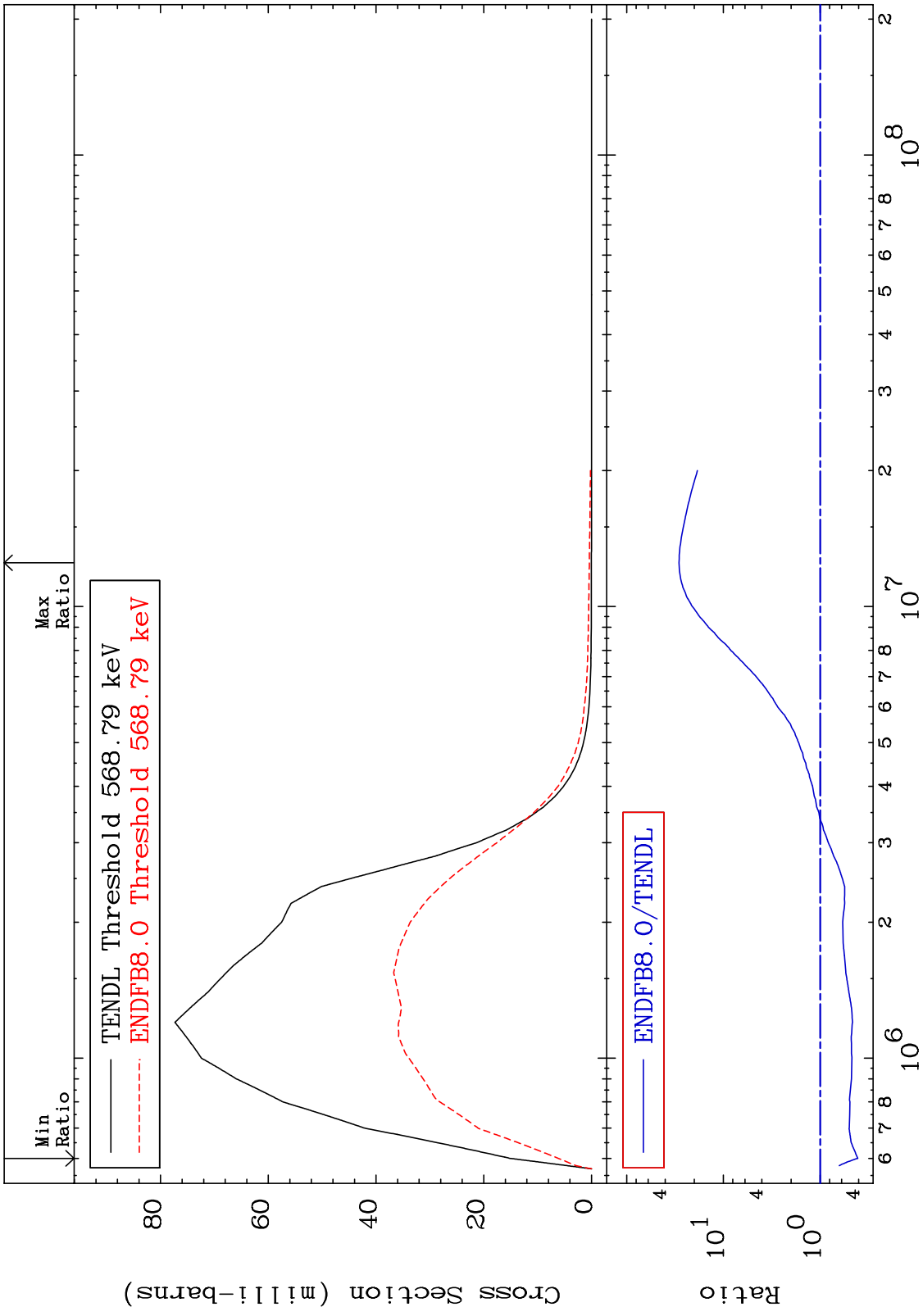


8 Incident Energy (eV) 36-Kr-83

MAT 3640 MT= 52 (n,n') Level Cross Section -64.09 To 9999. % 36-Kr-83

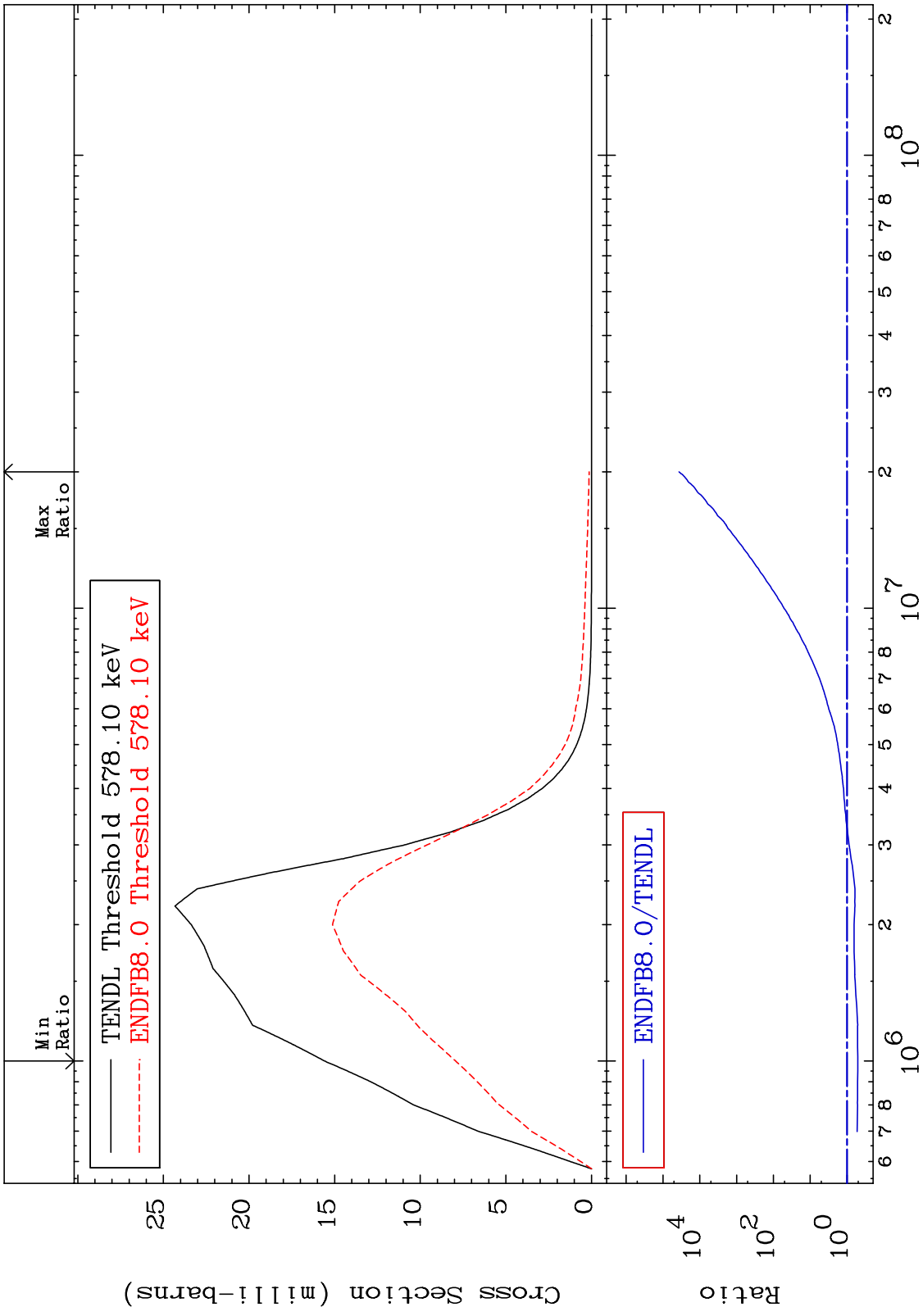


MAT 3640 MT= 53 (n,n') Level Cross Section -59.27 To 2780. % 36-Kr-83



10 36-Kr-83

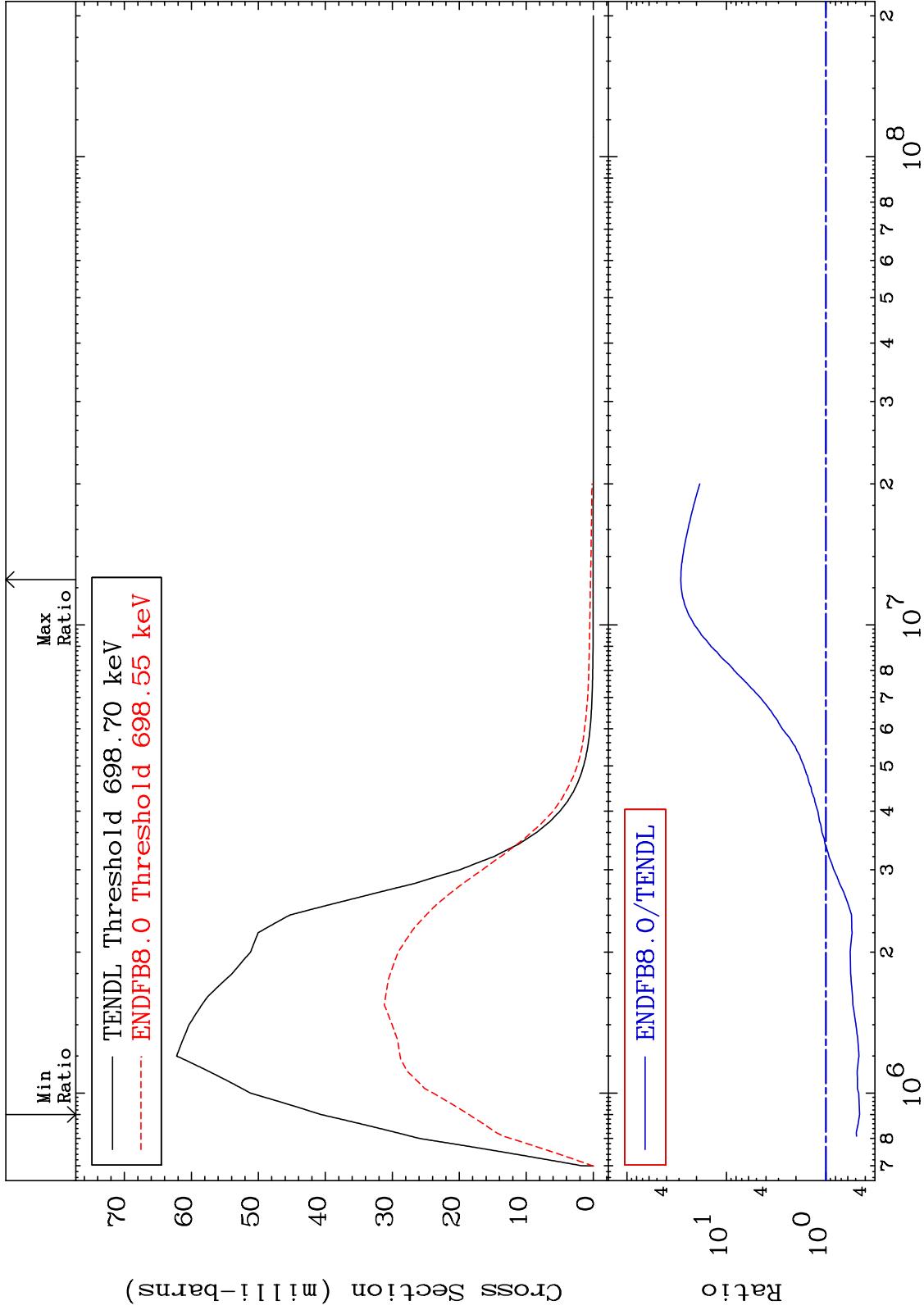
MAT 3640      MT= 54 (n,n') Level Cross Section      36-Kr-83  
 -49.09 To 9999. %



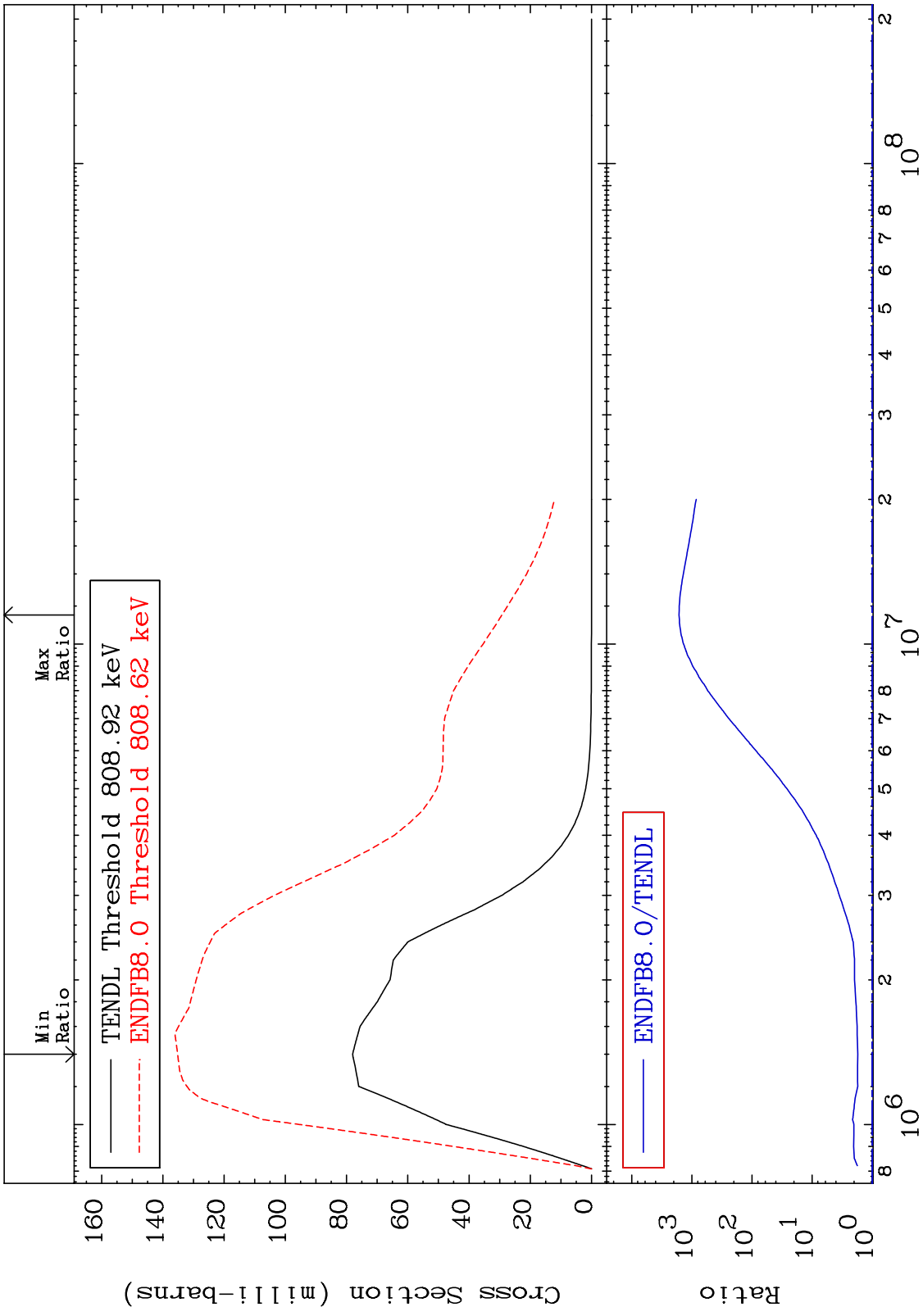
MAT 3640

MT= 55 (n,n') Level  
Cross Section

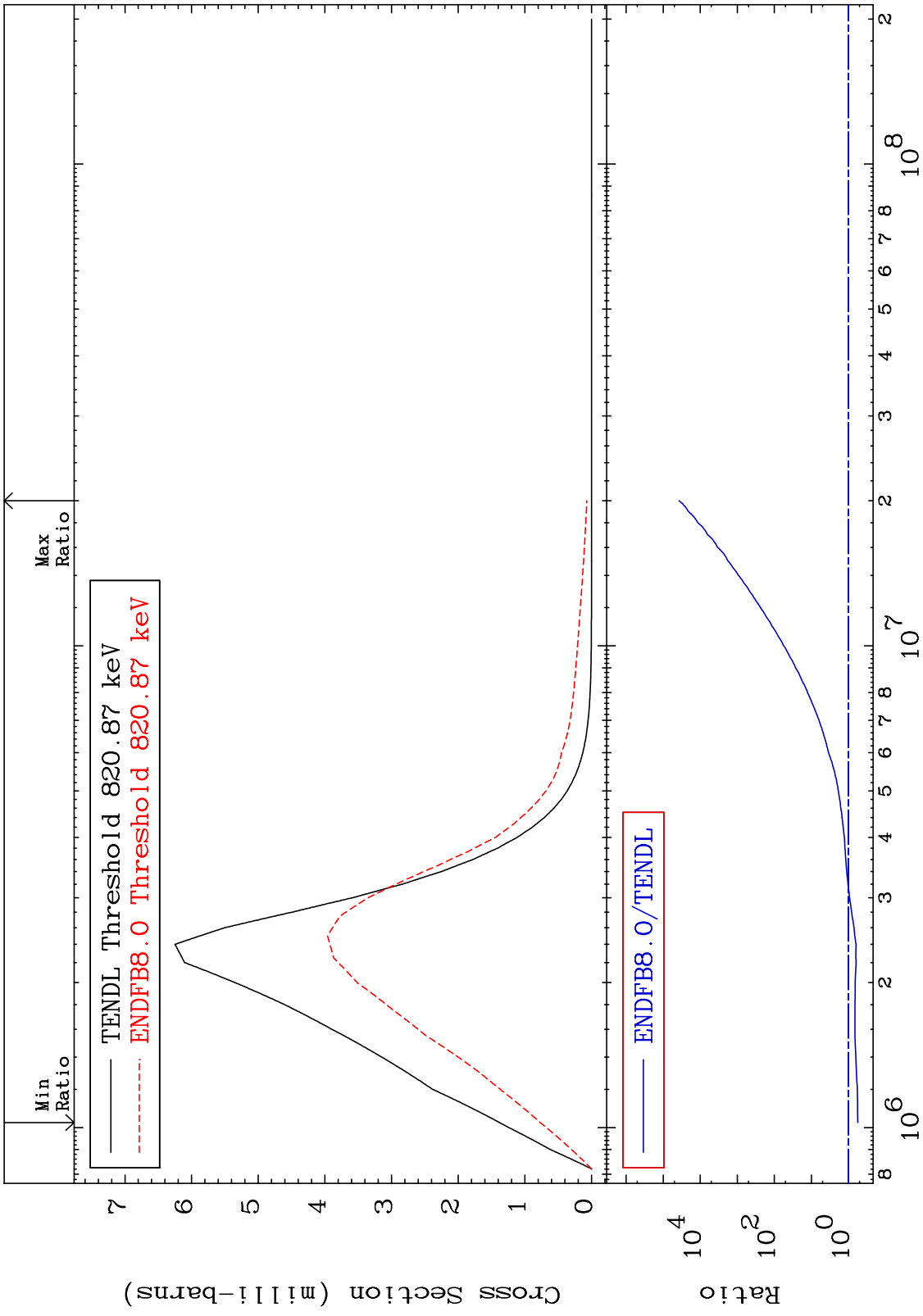
36-Kr-83  
-54.32 To 2776. %



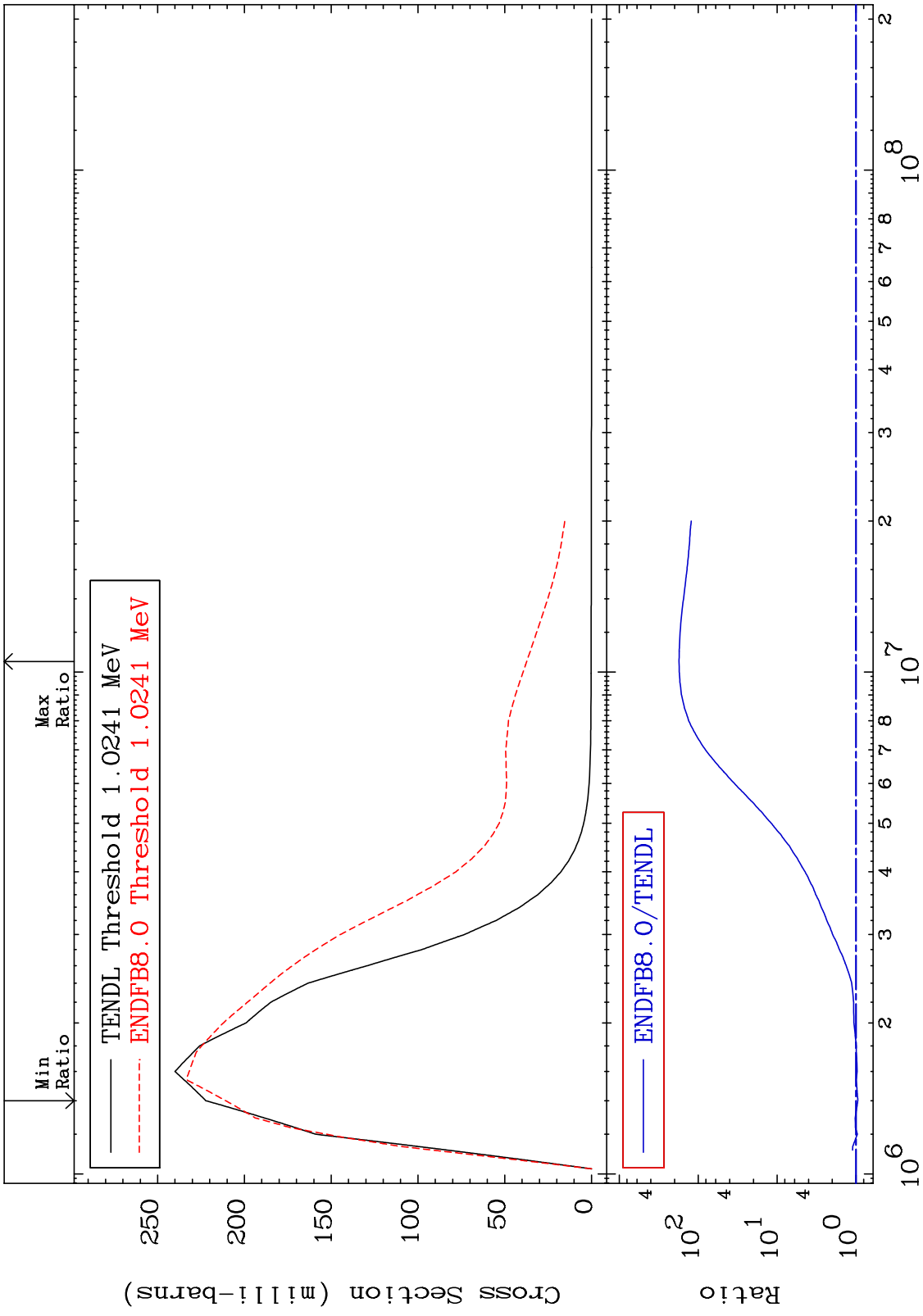
MAT 3640 MT= 56 (n,n') Level Cross Section 36-Kr-83  
 73.20 To 9999. %



MAT 3640 MT= 57 (n,n') Level Cross Section 36-Kr-83  
 -44.17 To 9999. %

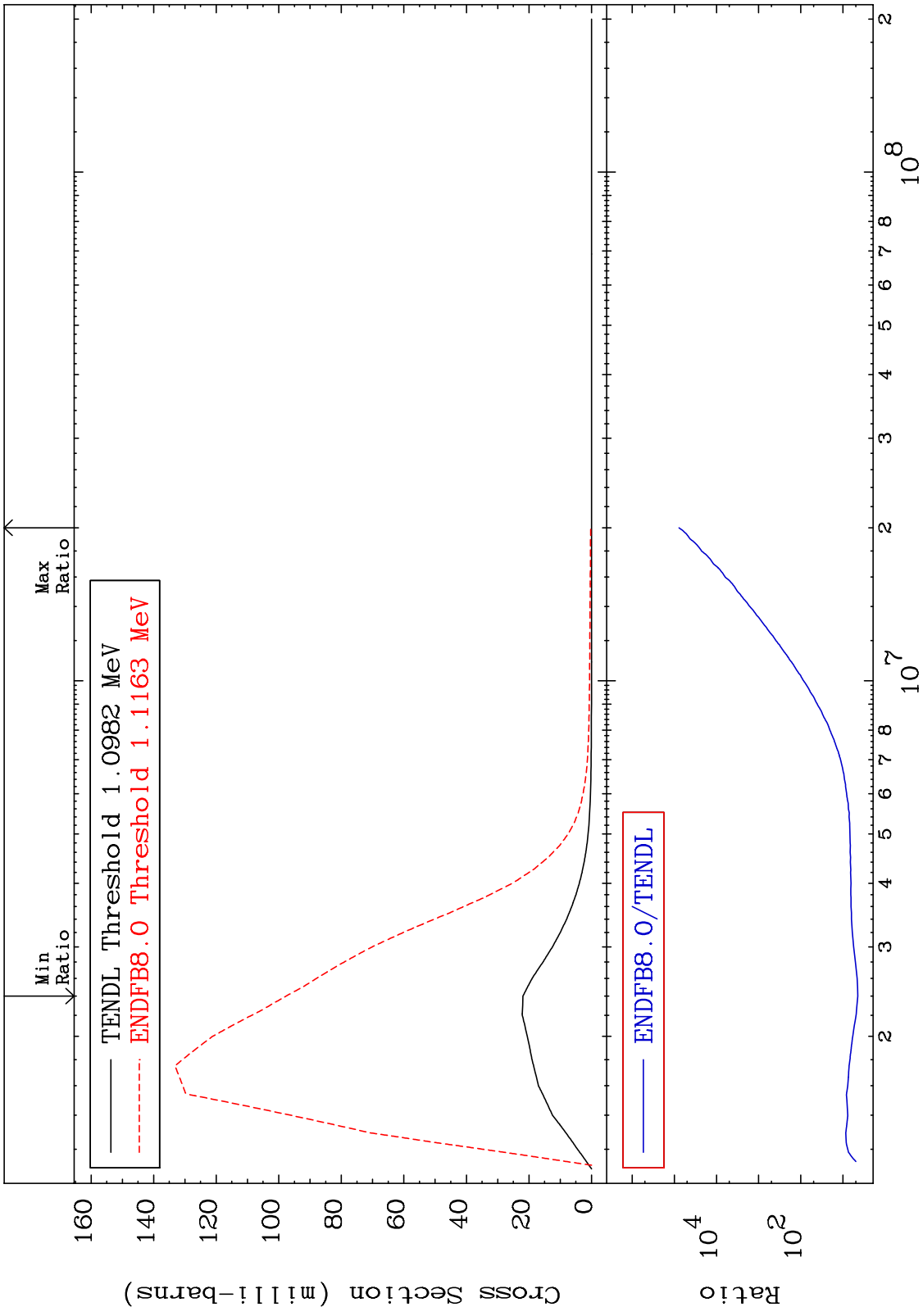


MAT 3640 MT= 58 (n,n') Level Cross Section -5.141 To 9999. % 36-Kr-83

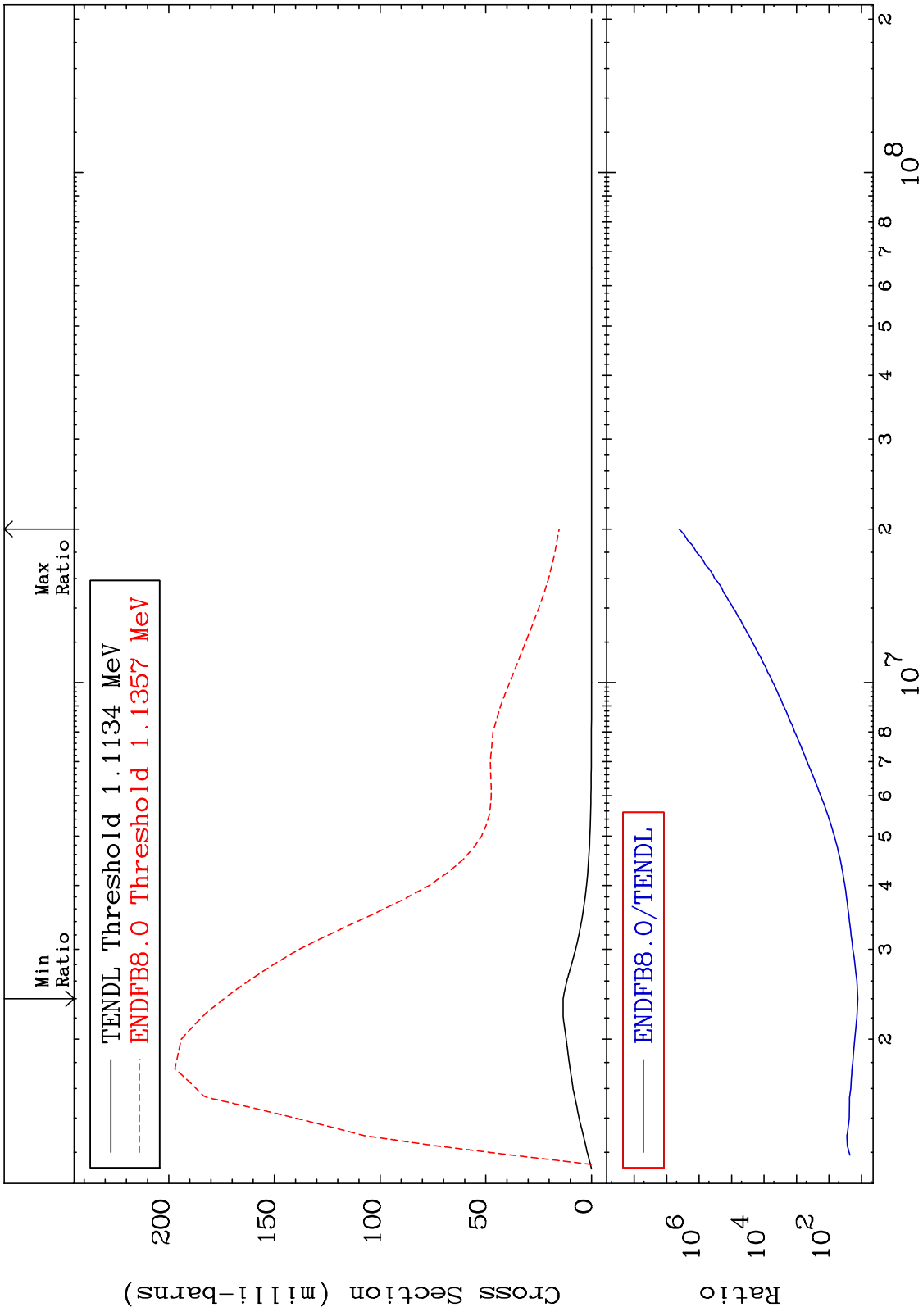




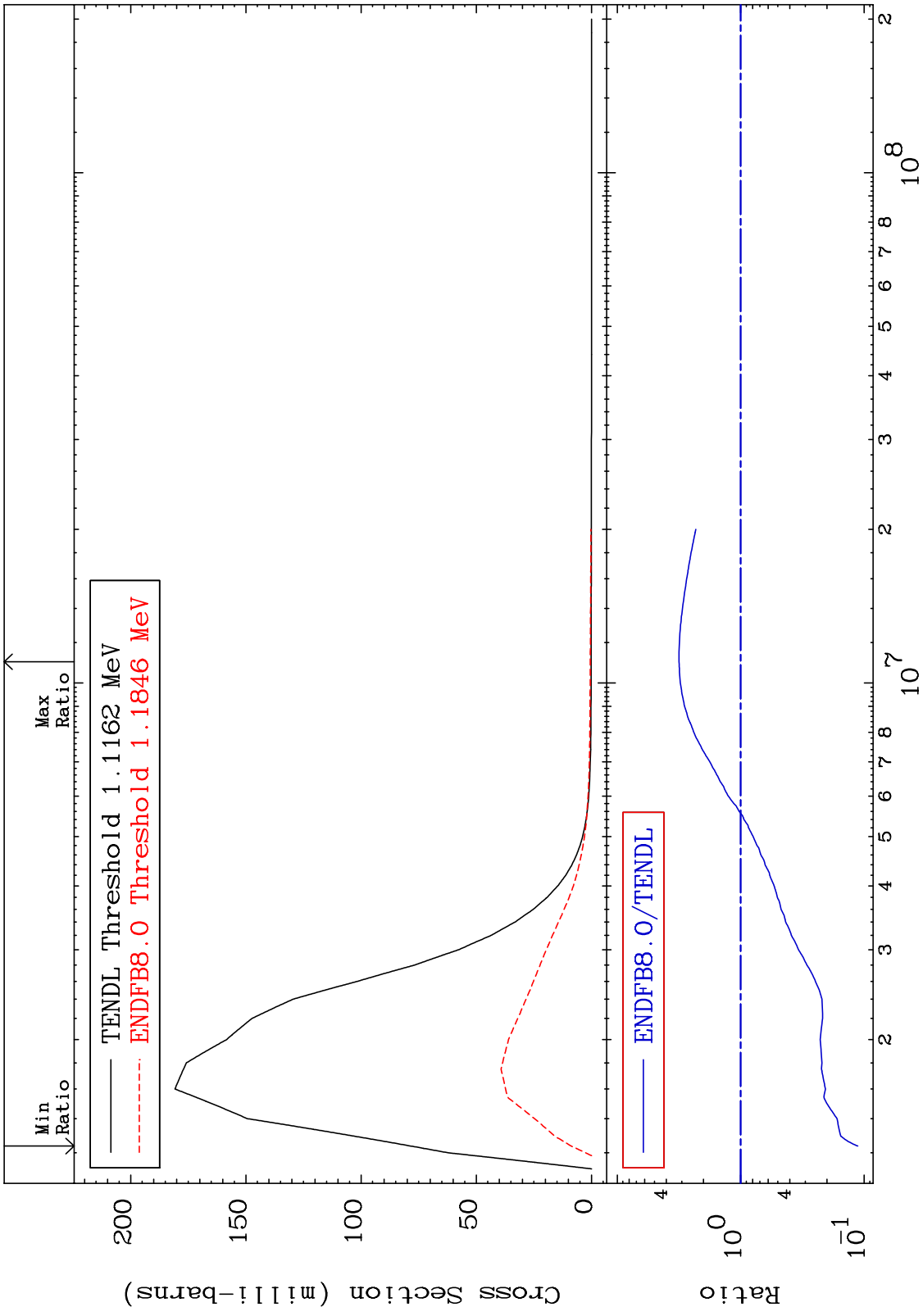
MAT 3640 MT= 59 (n,n') Level Cross Section 345.3 To 9999. % 36-Kr-83



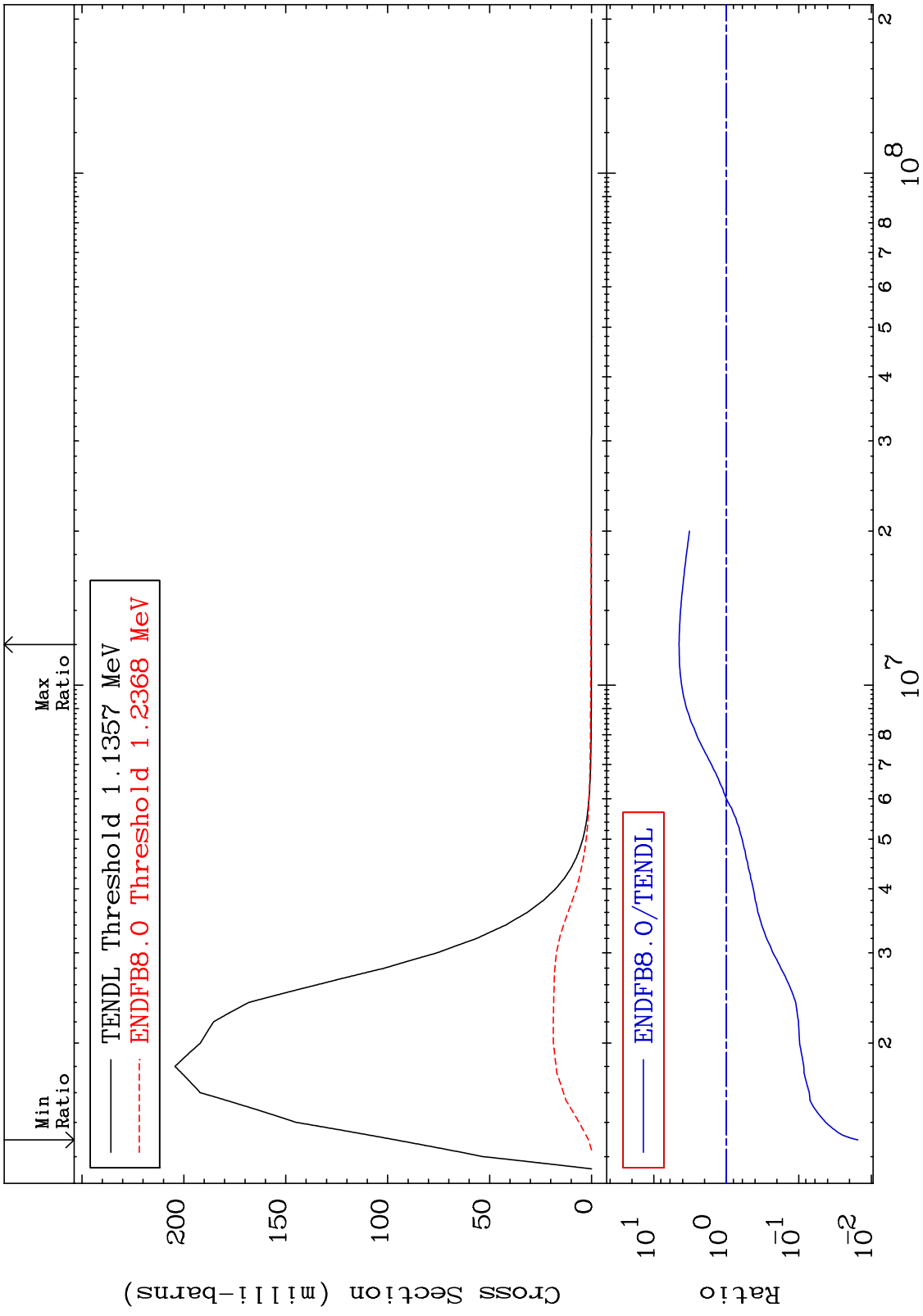
MAT 3640 MT= 60 (n,n') Level Cross Section 36-Kr-83  
 1191. To 9999. %



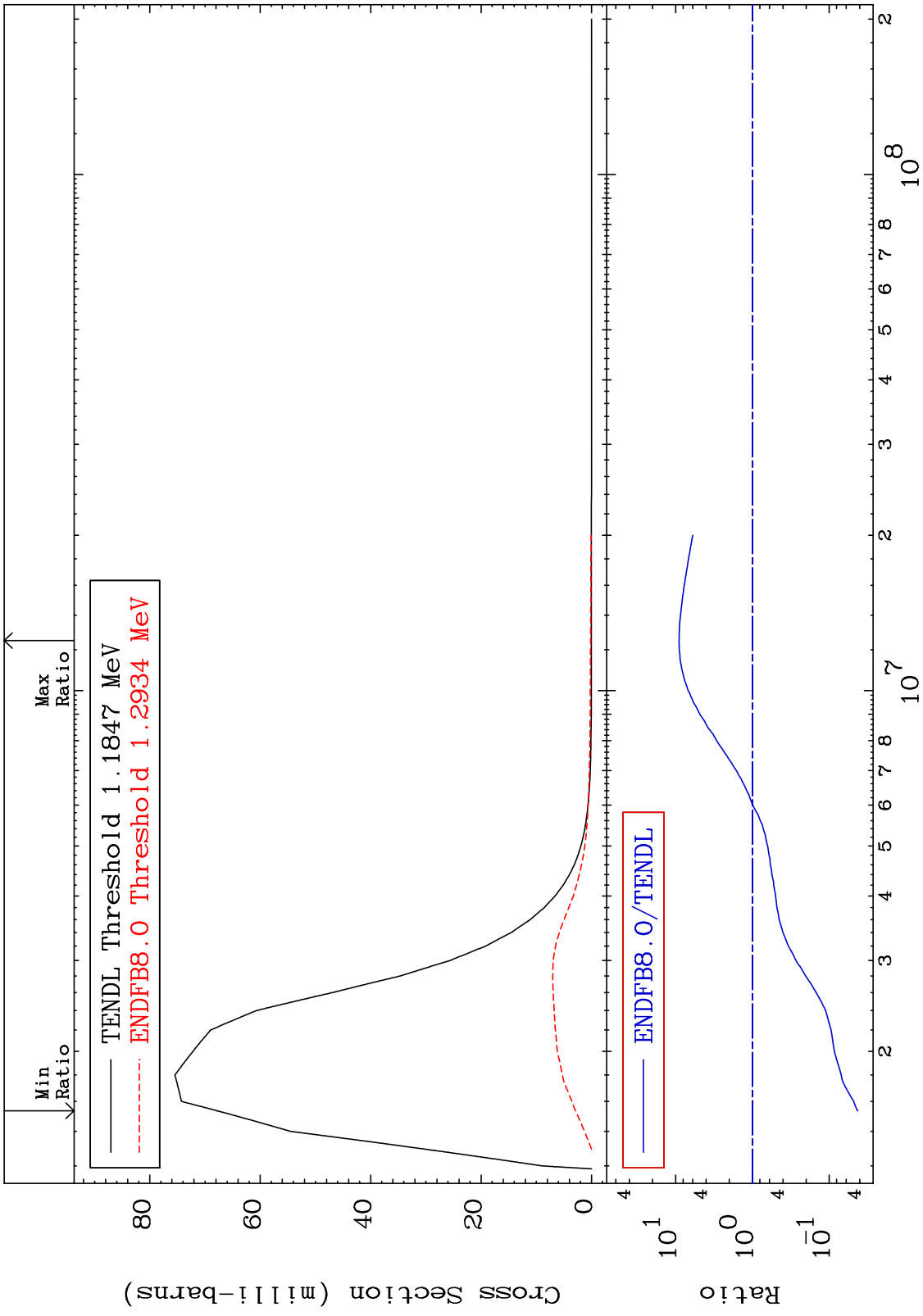
MAT 3640 MT= 61 (n,n') Level Cross Section 36-Kr-83  
 -88.75 To 215.8 %



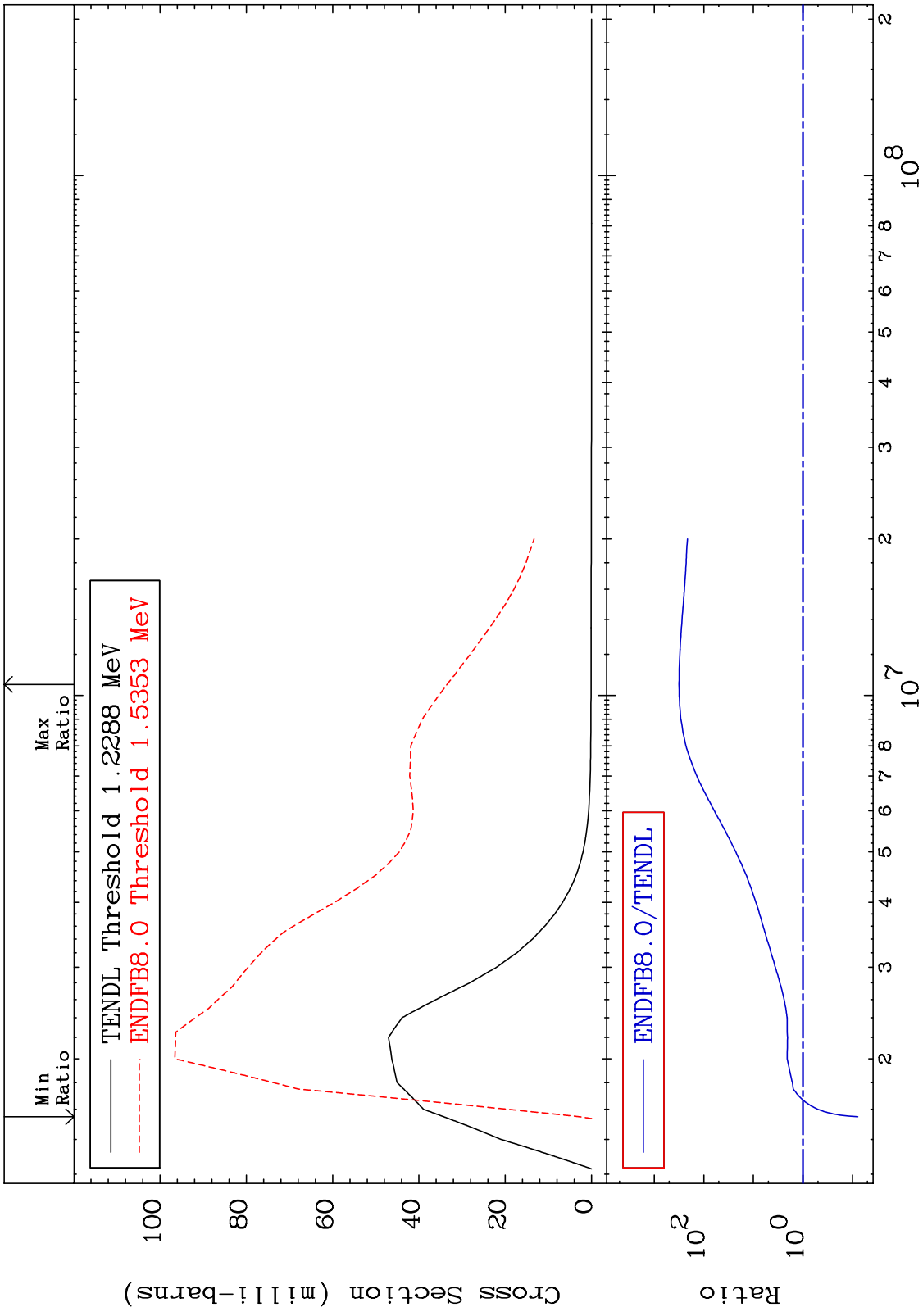
MAT 3640 MT= 62 (n,n') Level Cross Section -98.47 To 349.0 % 36-Kr-83



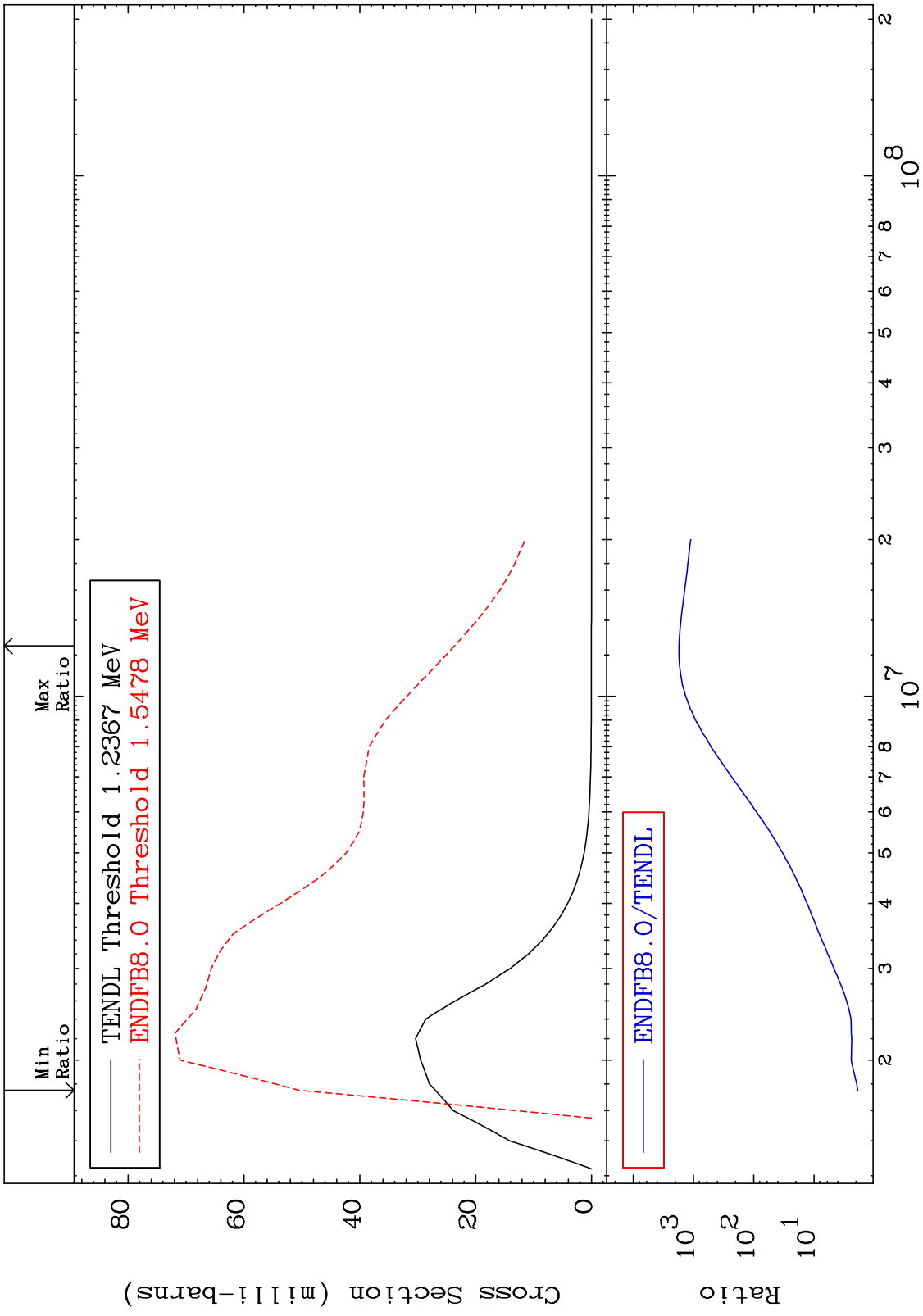
MAT 3640 MT= 63 (n,n') Level Cross Section 36-Kr-83  
 -95.76 To 802.3 %

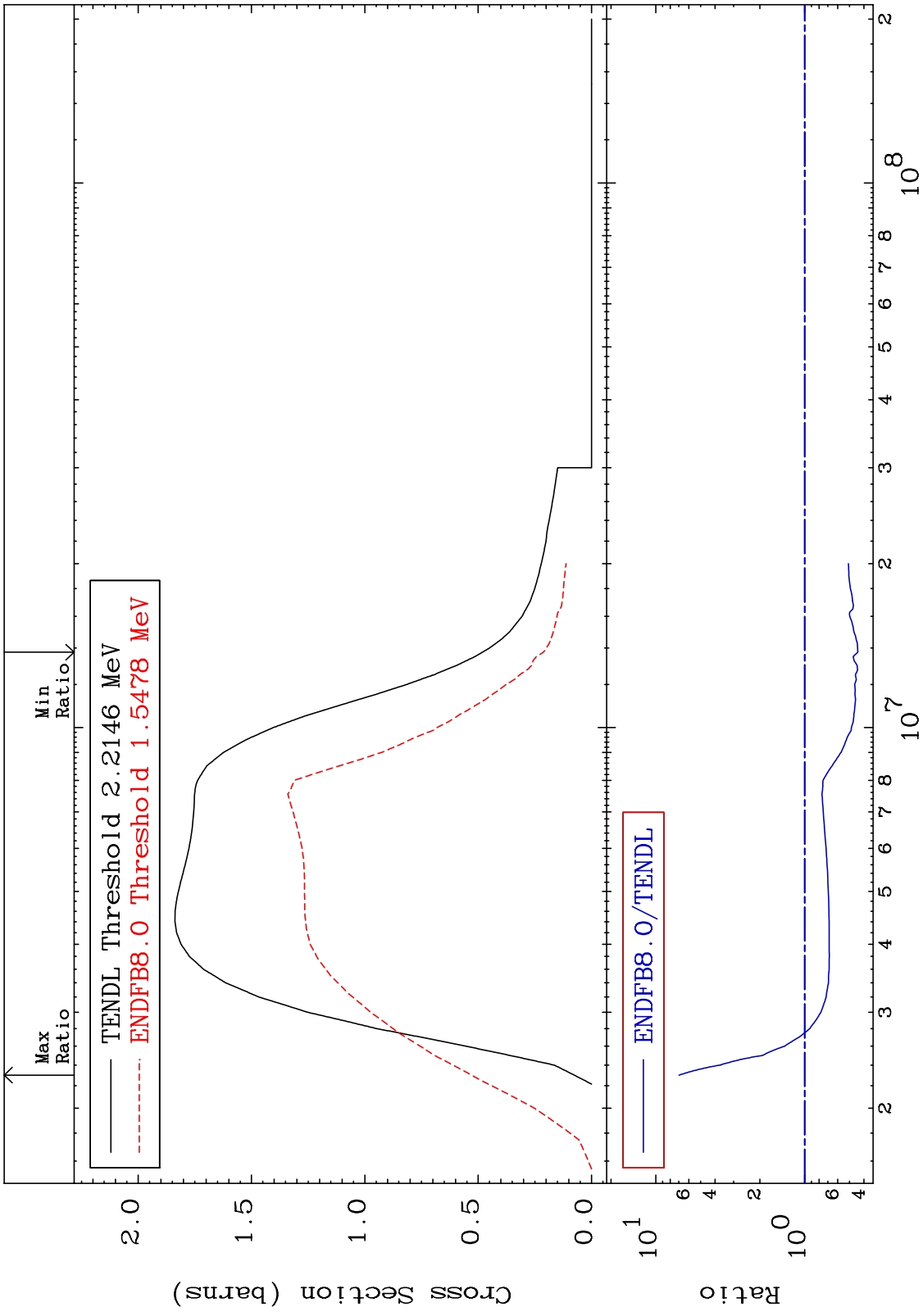


MAT 3640 MT= 64 (n,n') Level Cross Section 36-Kr-83  
 -92.17 To 9999. %



MAT 3640 MT= 65 (n,n') Level Cross Section 87.24 To 9999. % 36-Kr-83







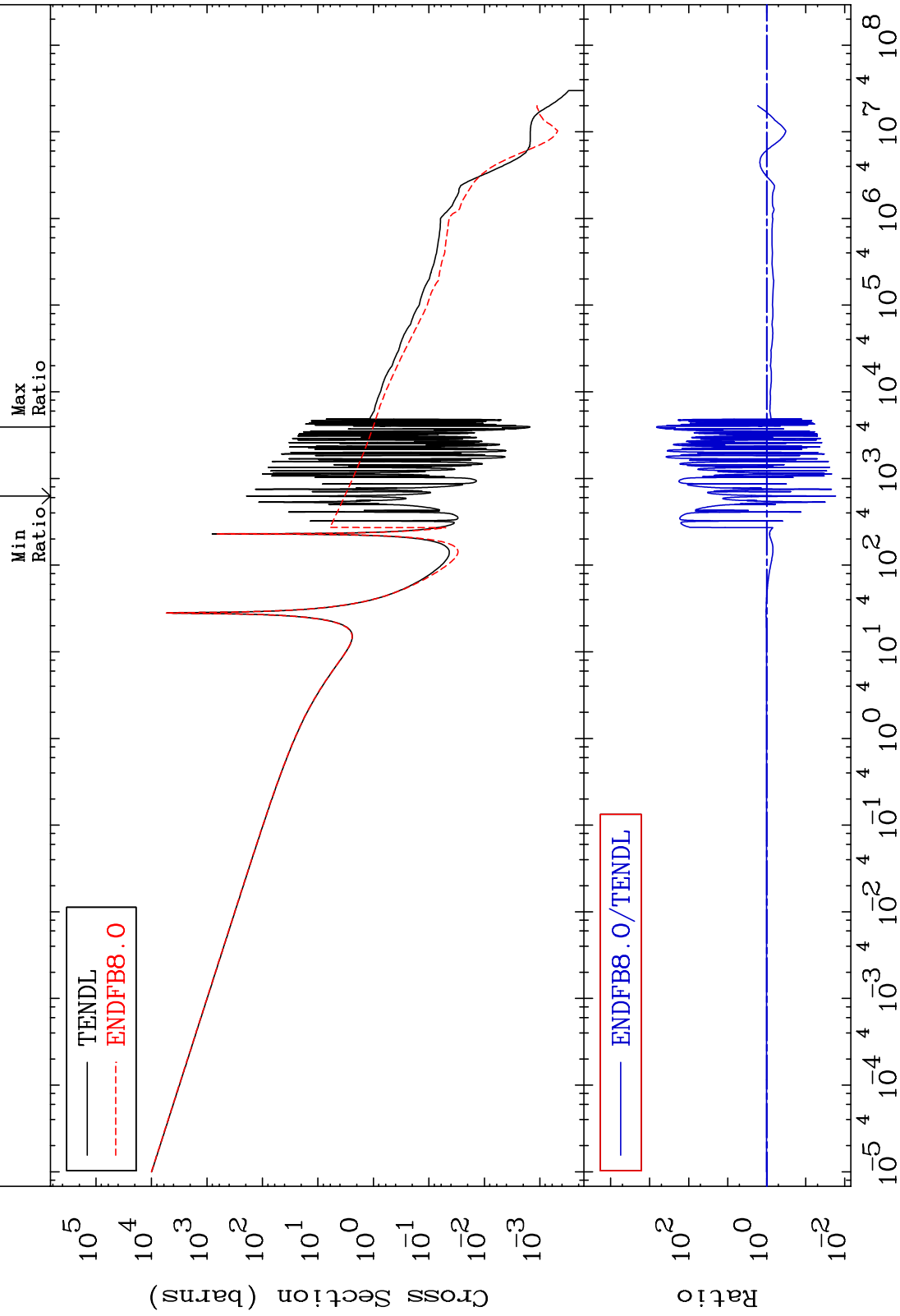
MAT 3640

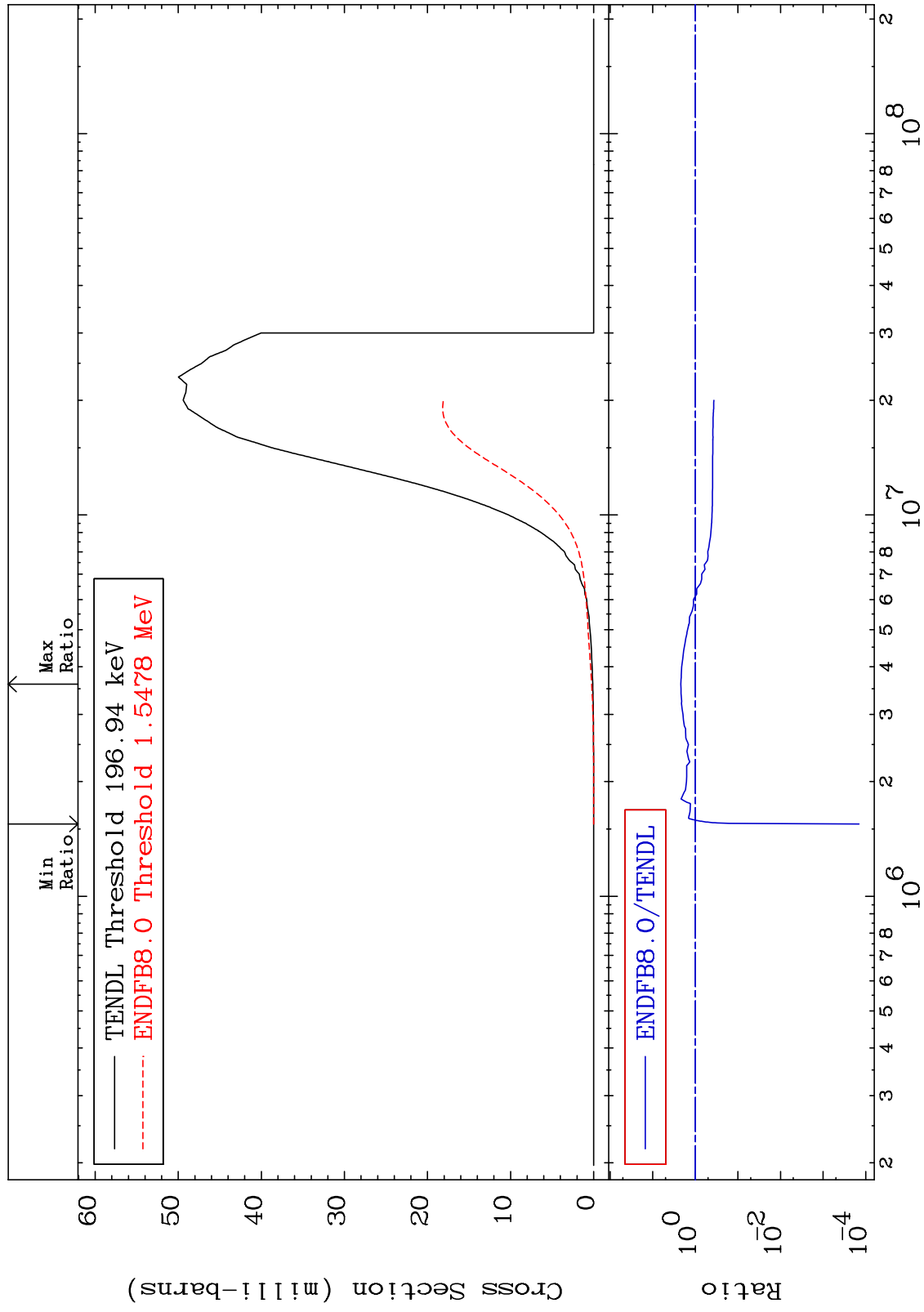
(n,  $\gamma$ )

36-Kr-83

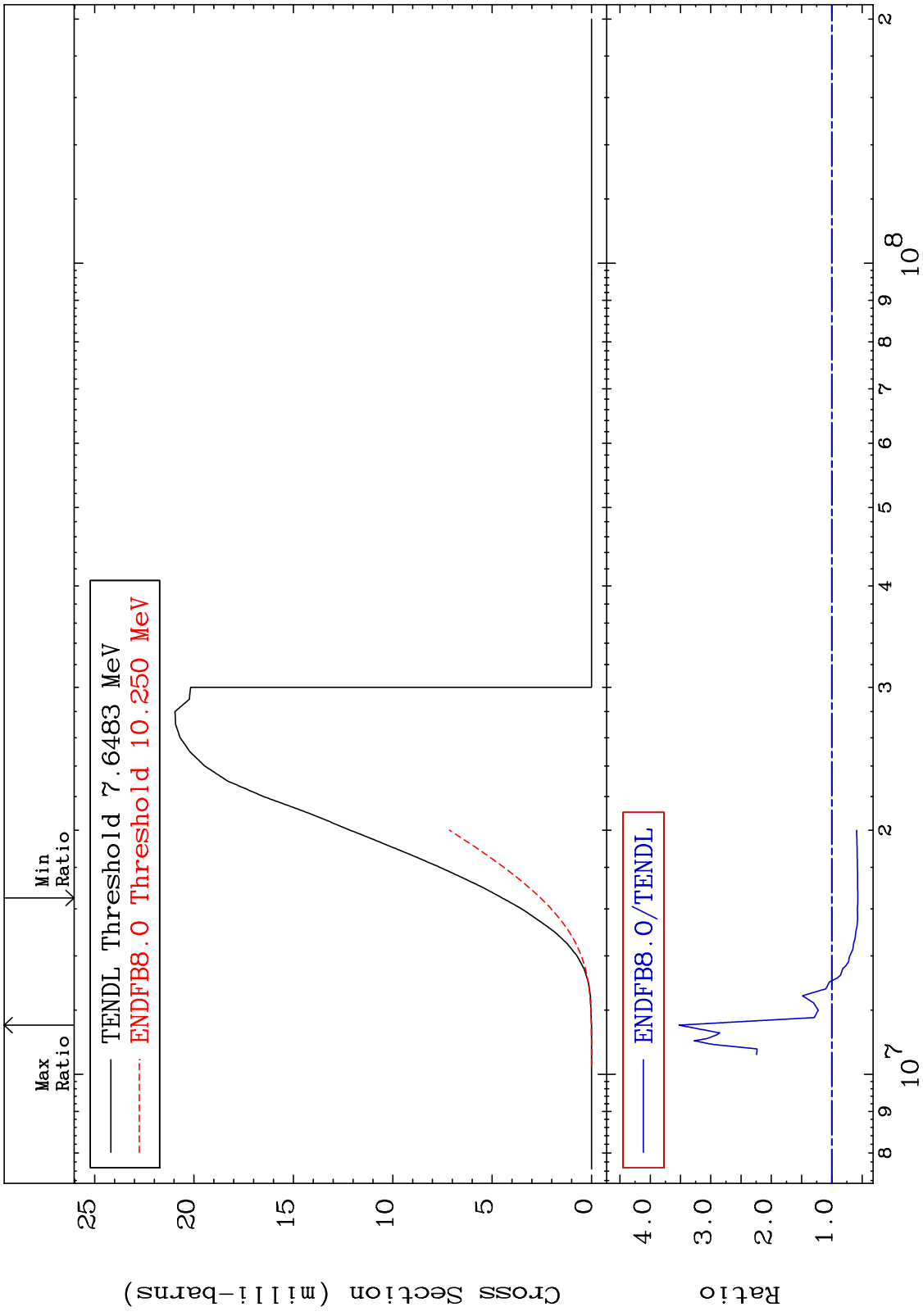
-98.28 To 9999. %

Cross Section

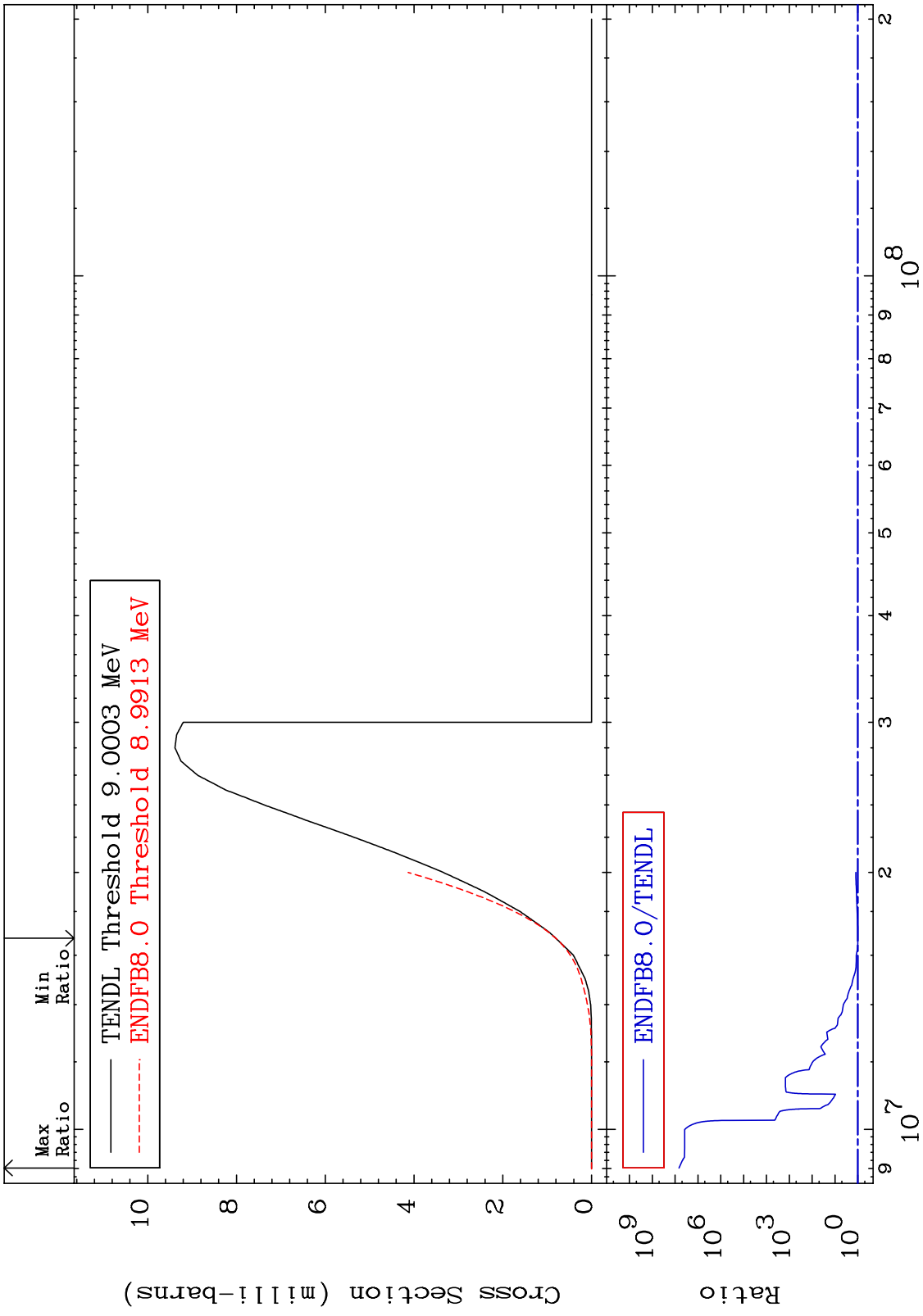


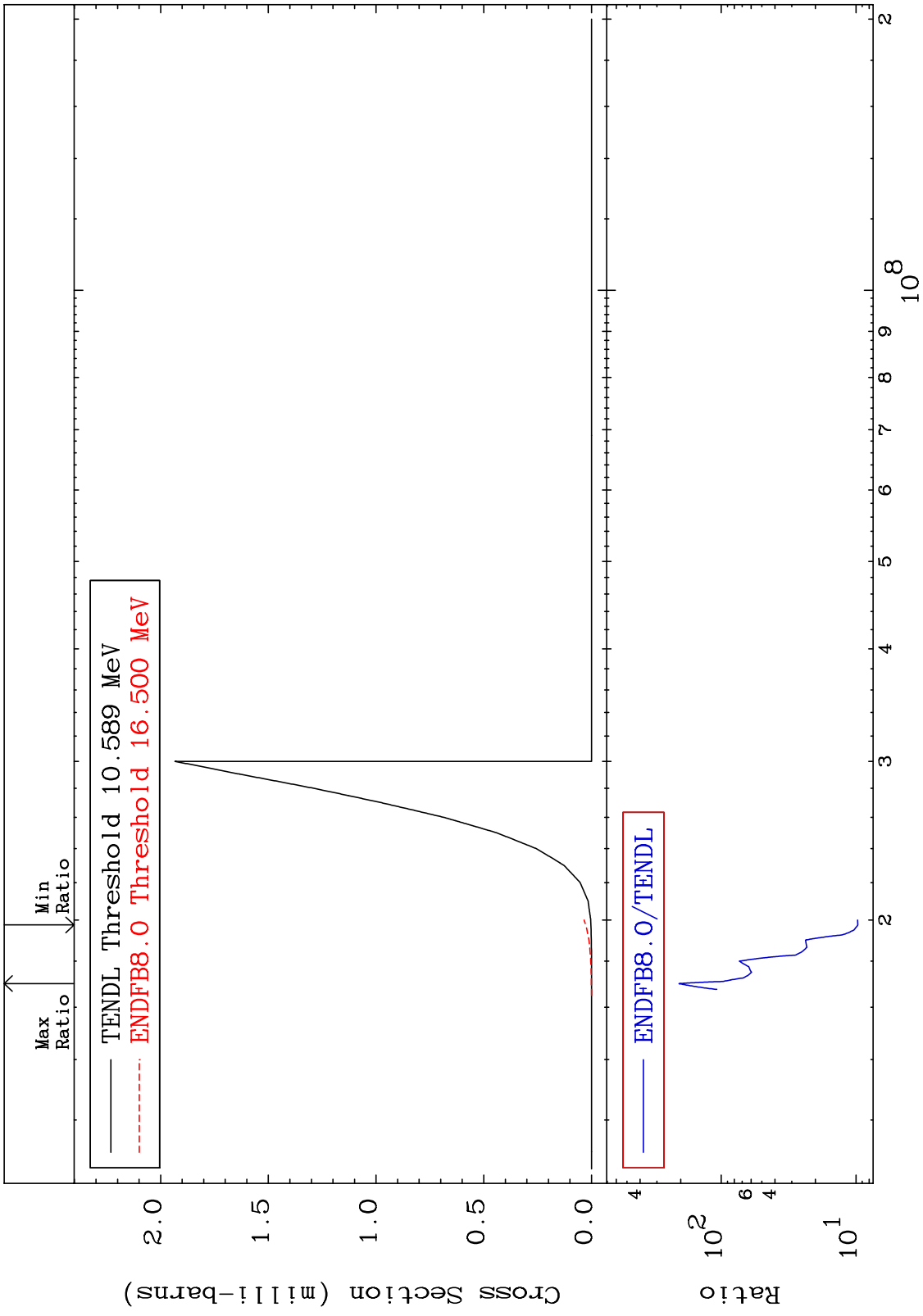


MAT 3640 (n,d) Cross Section 36-Kr-83  
 -42.97 To 252.4 %

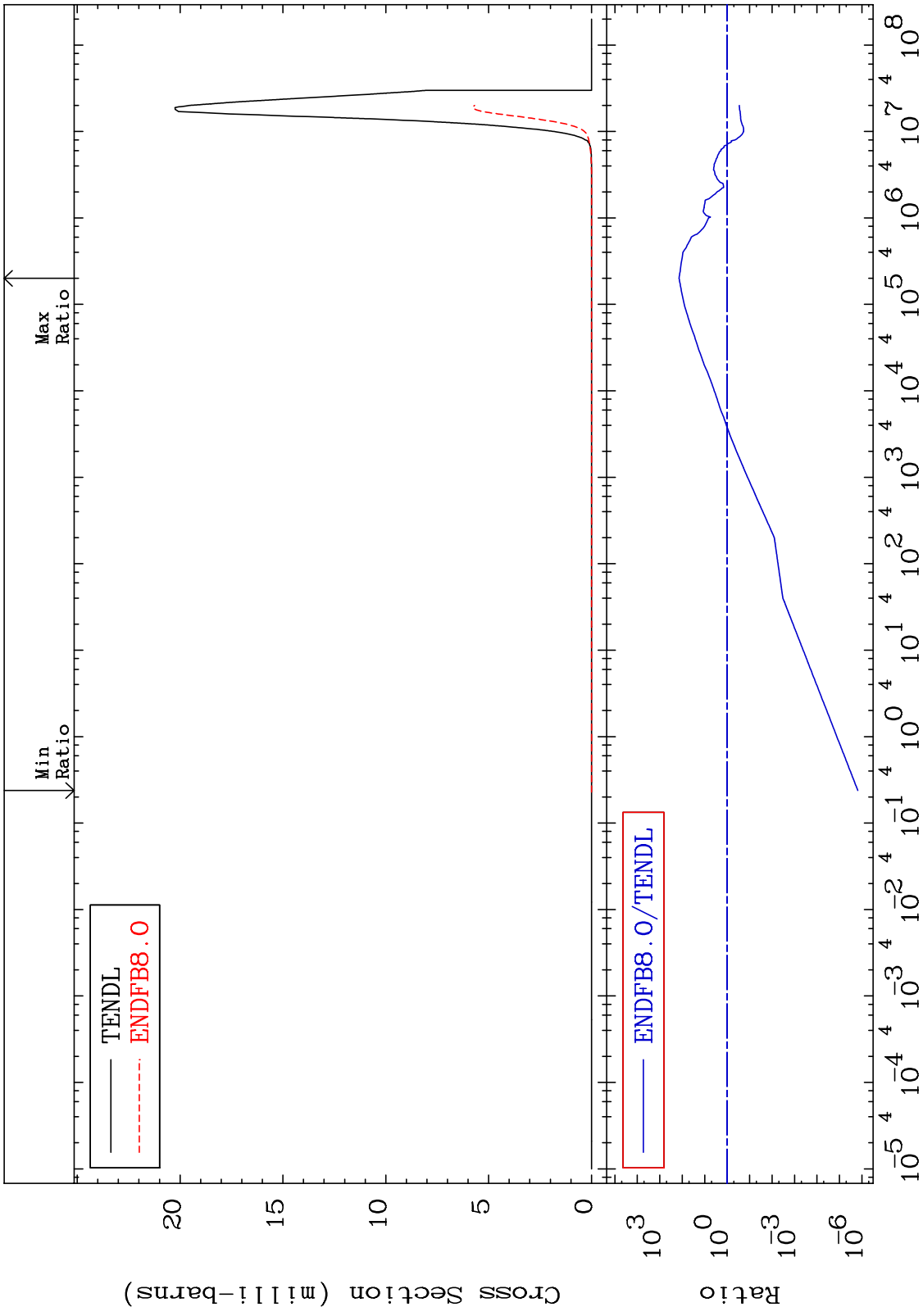


MAT 3640 (n,t) 36-Kr-83  
 Cross Section -0.014 To 9999. %

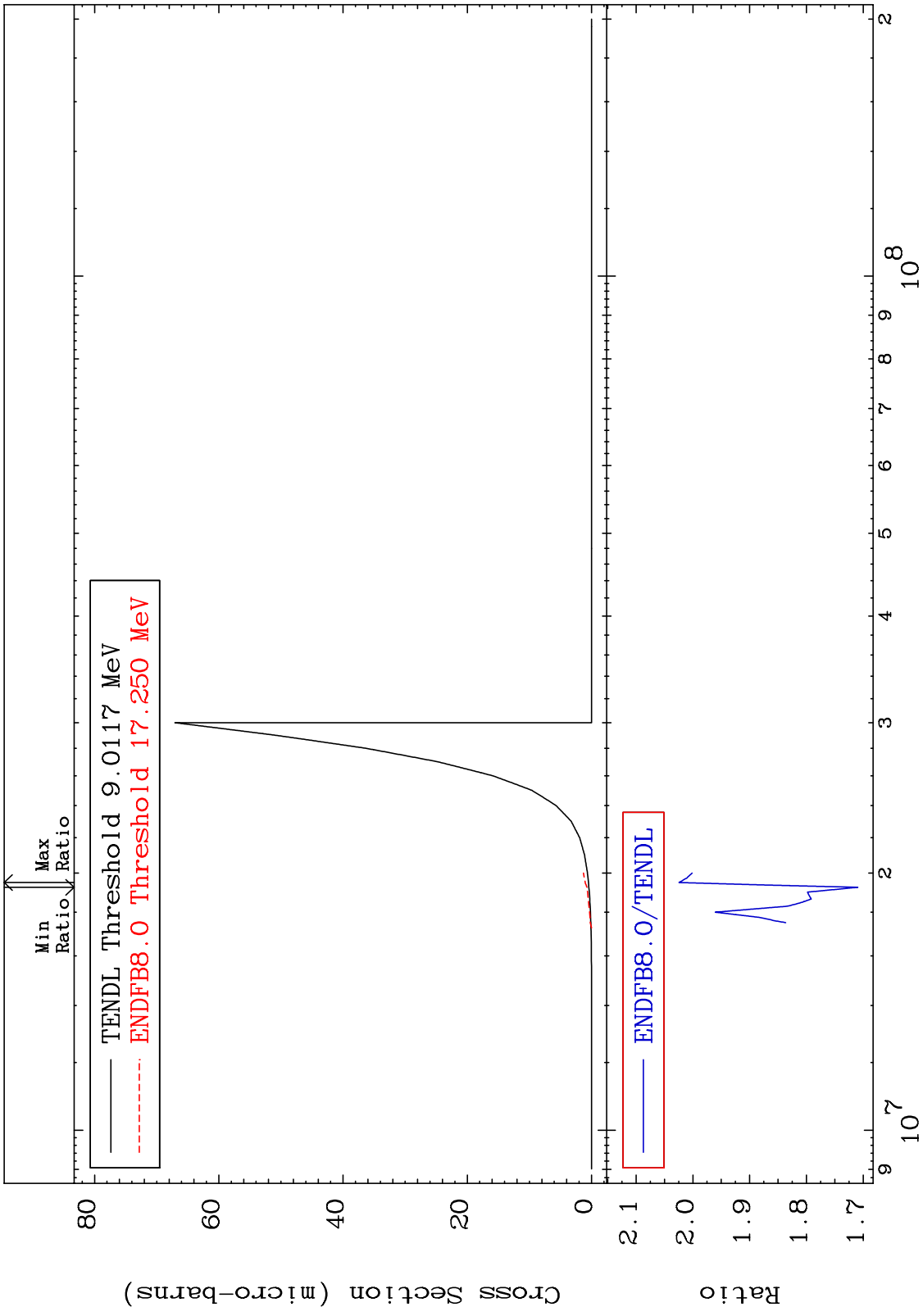




MAT 3640  $(n, \alpha)$  Cross Section 36-Kr-83 -100.0 To 9999. %



MAT 3640 (n,2p) Cross Section 36-Kr-83 70.95 To 102.4 %

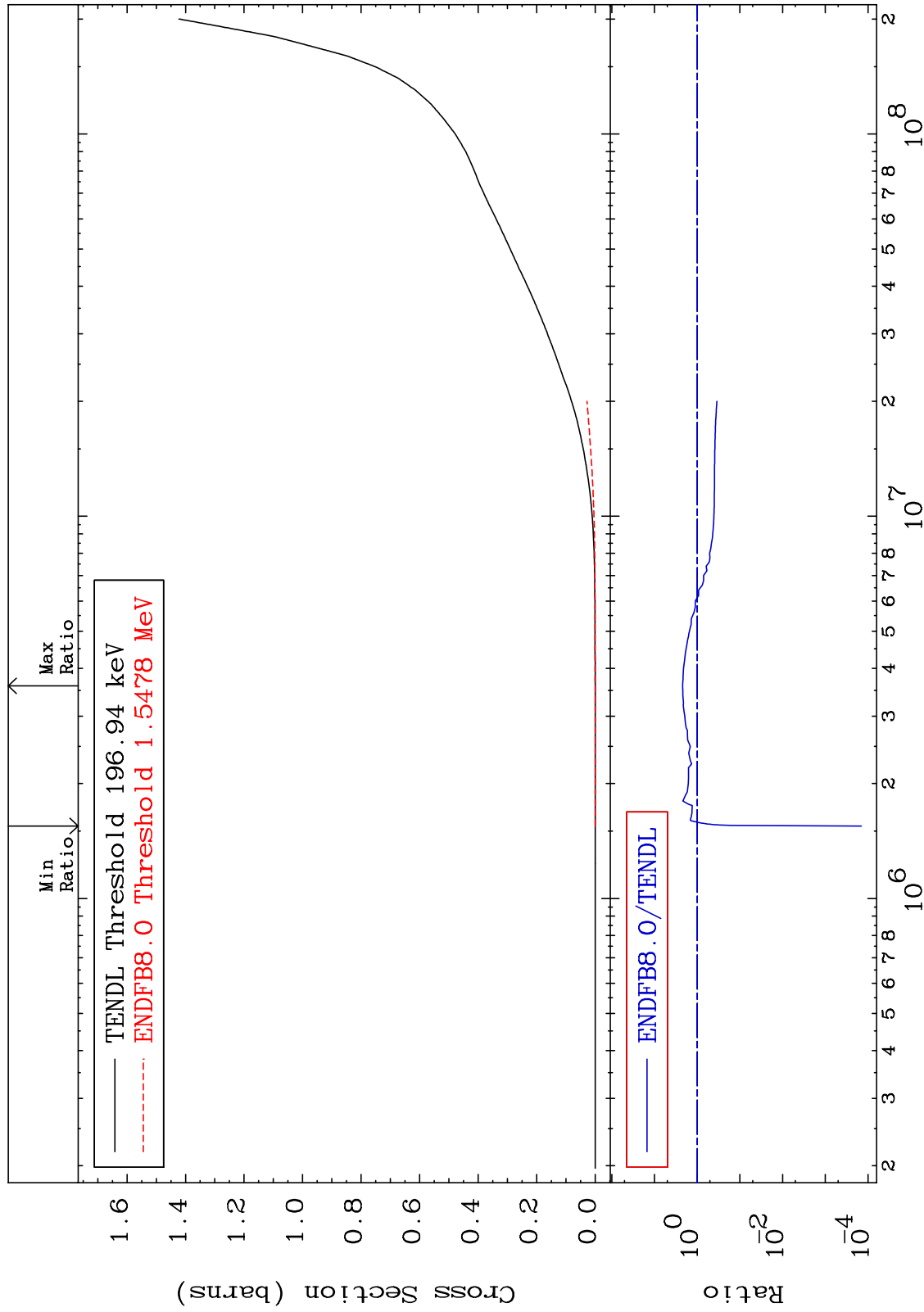


30 36-Kr-83

MAT 3640

### Hydrogen Production Cross Section

36-Kr-83  
-99.99 To 118.3 %

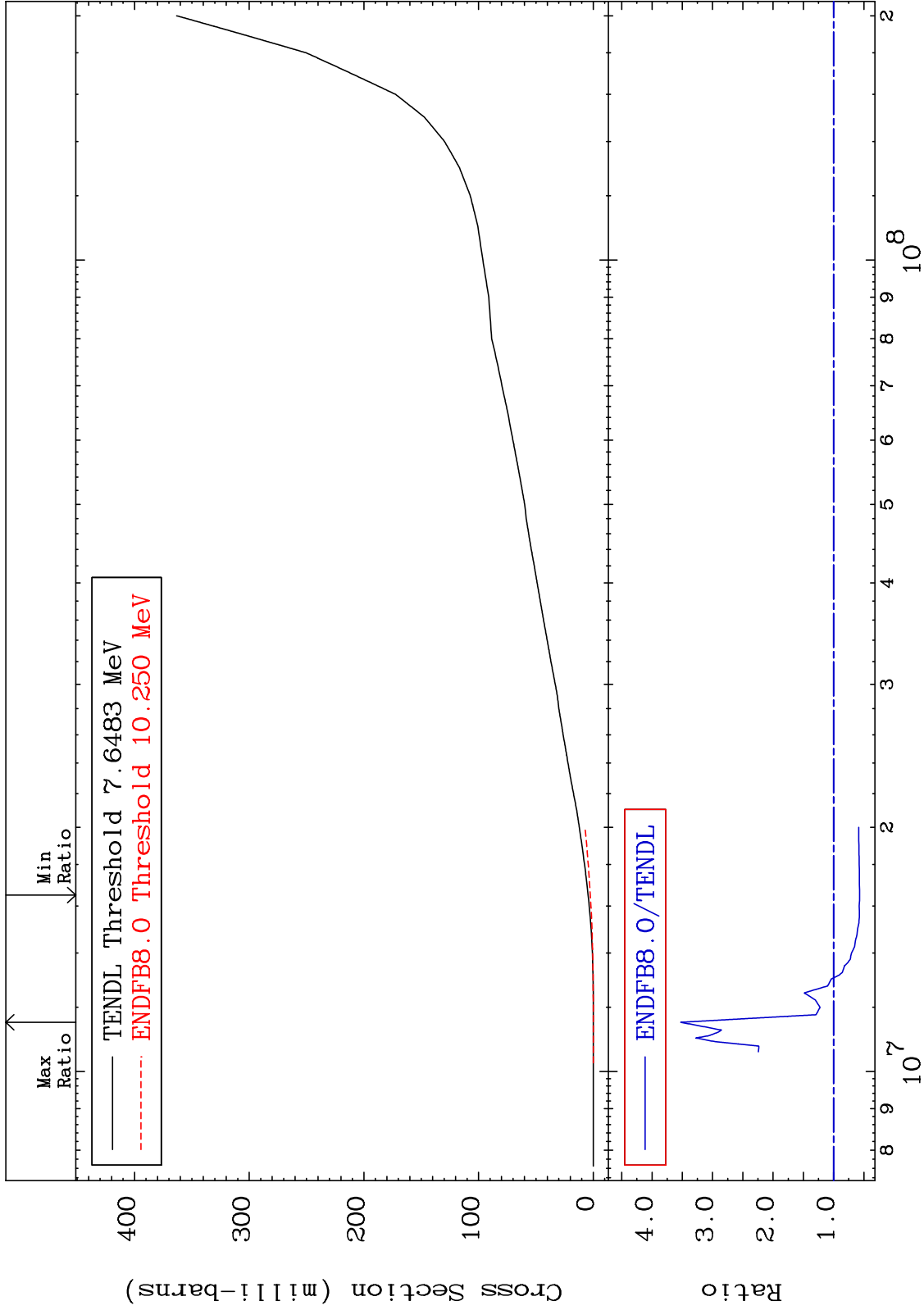




MAT 3640

Deuterium Production  
Cross Section

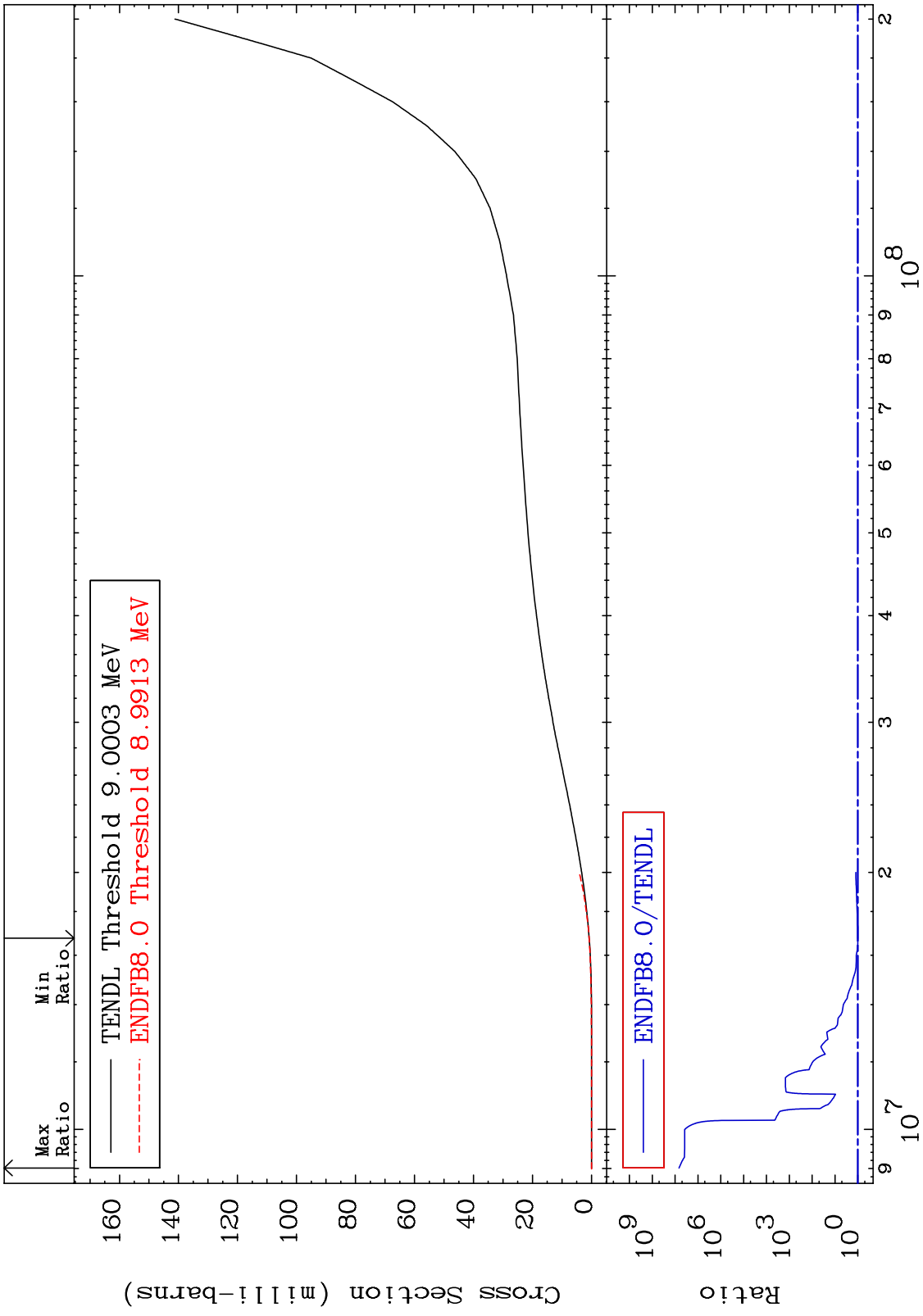
<sup>36</sup>Kr-83  
-42.97 To 252.4 %



32

Incident Energy (eV)

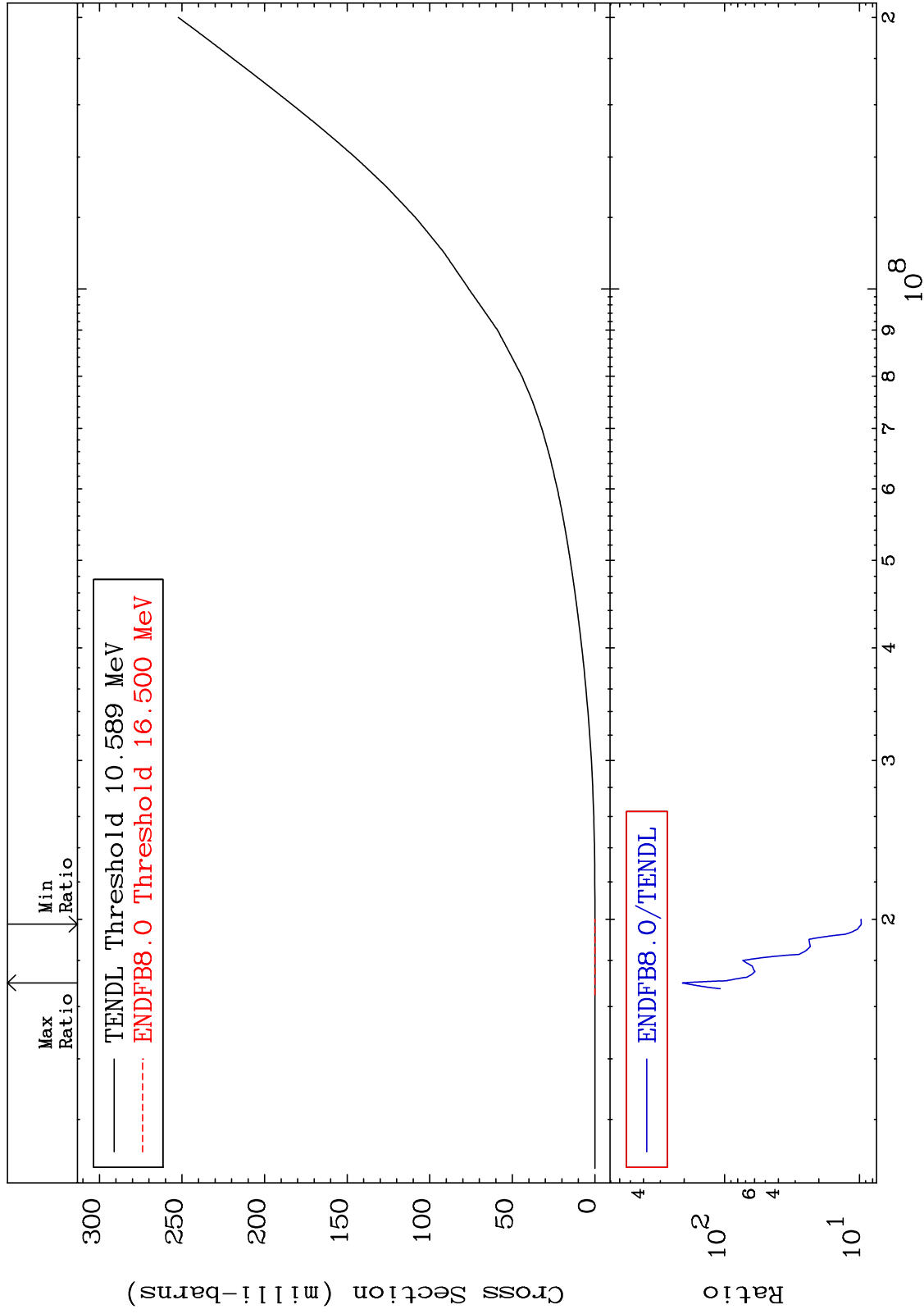
<sup>36</sup>Kr-83



MAT 3640

He-3 Production  
Cross Section

36-Kr-83  
869.8 To 9999. %

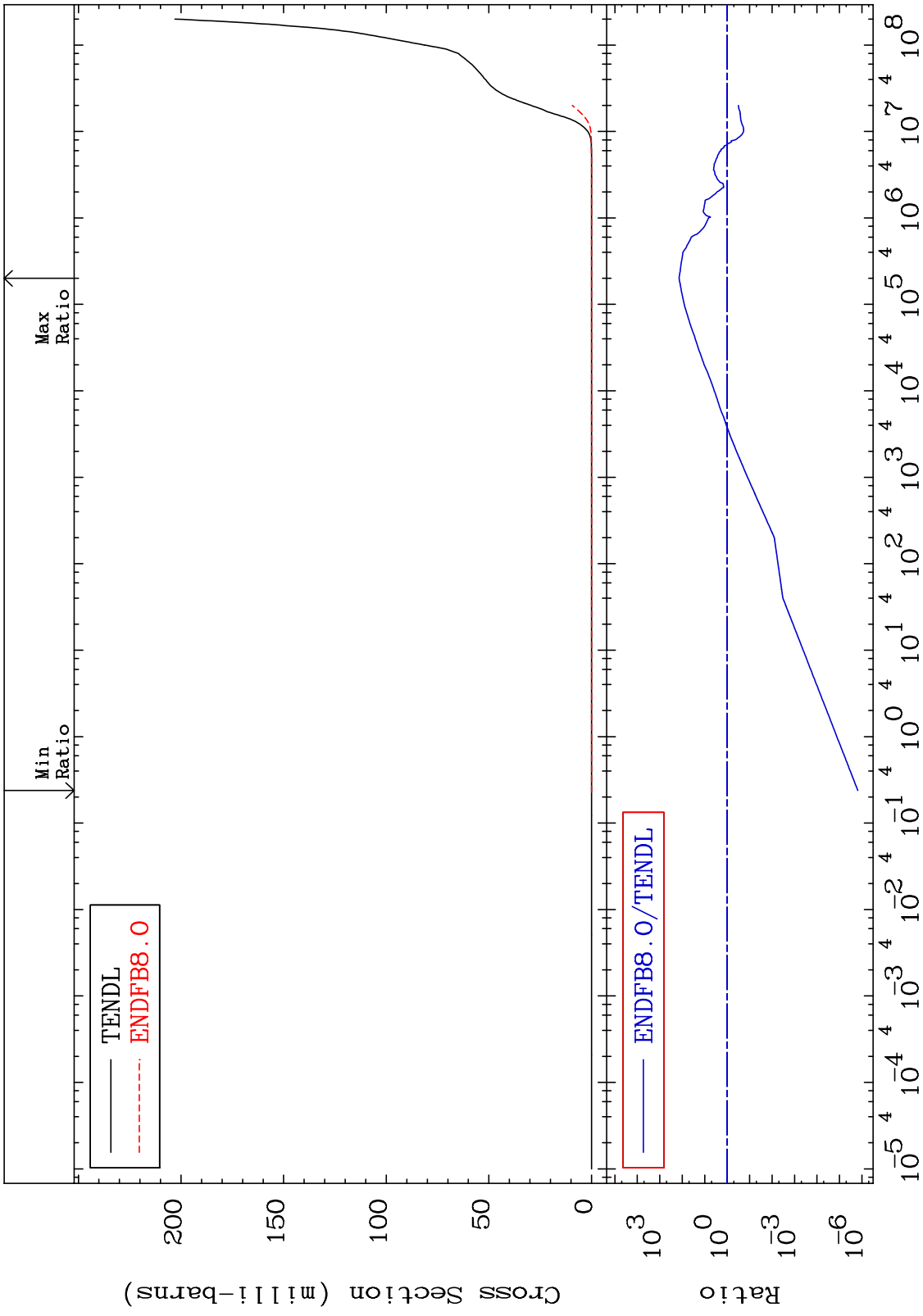


34

Incident Energy (eV)

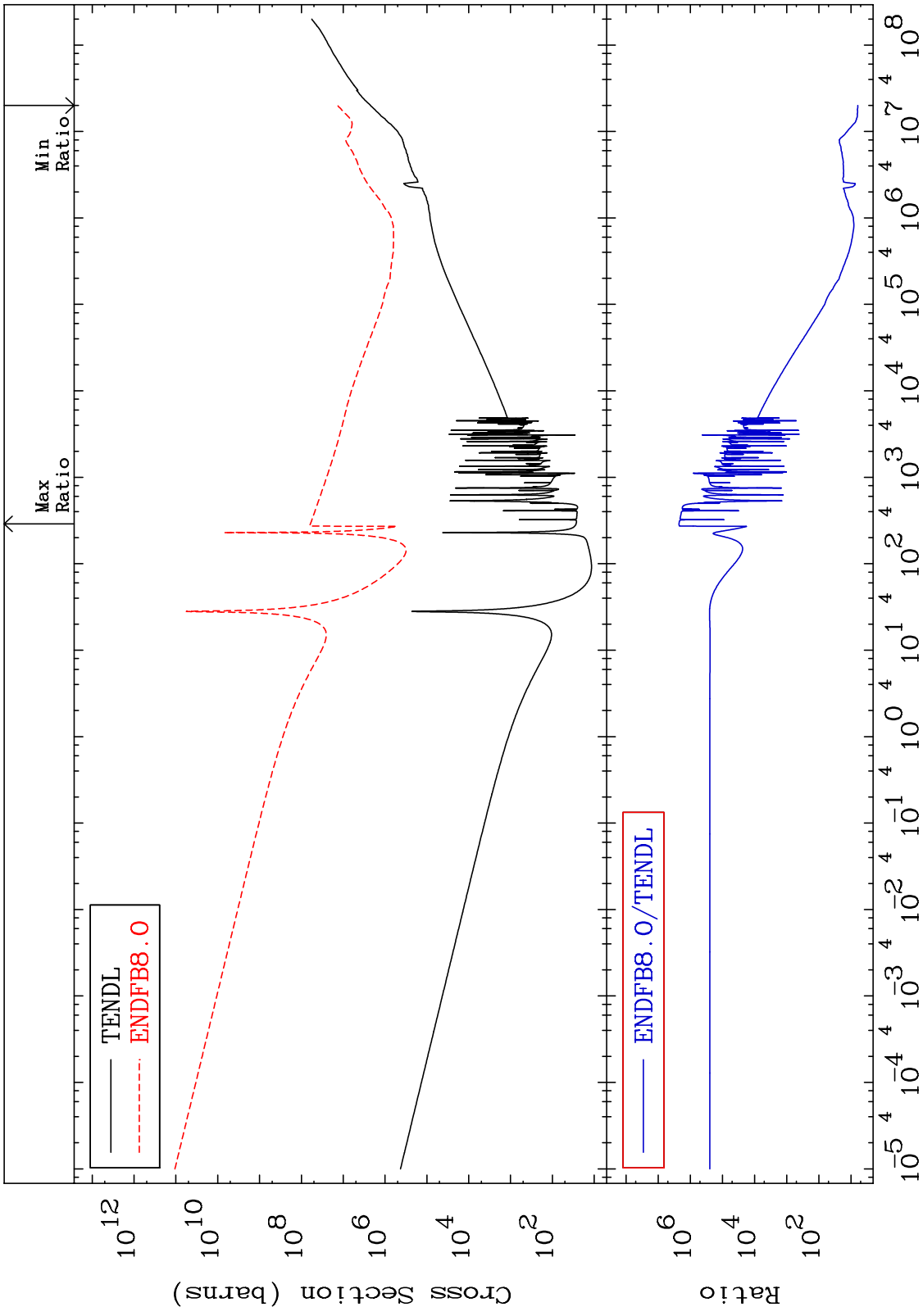
36-Kr-83

MAT 3640 He-4 Production Cross Section 36-Kr-83  
 -100.0 To 9999. %



35 36-Kr-83

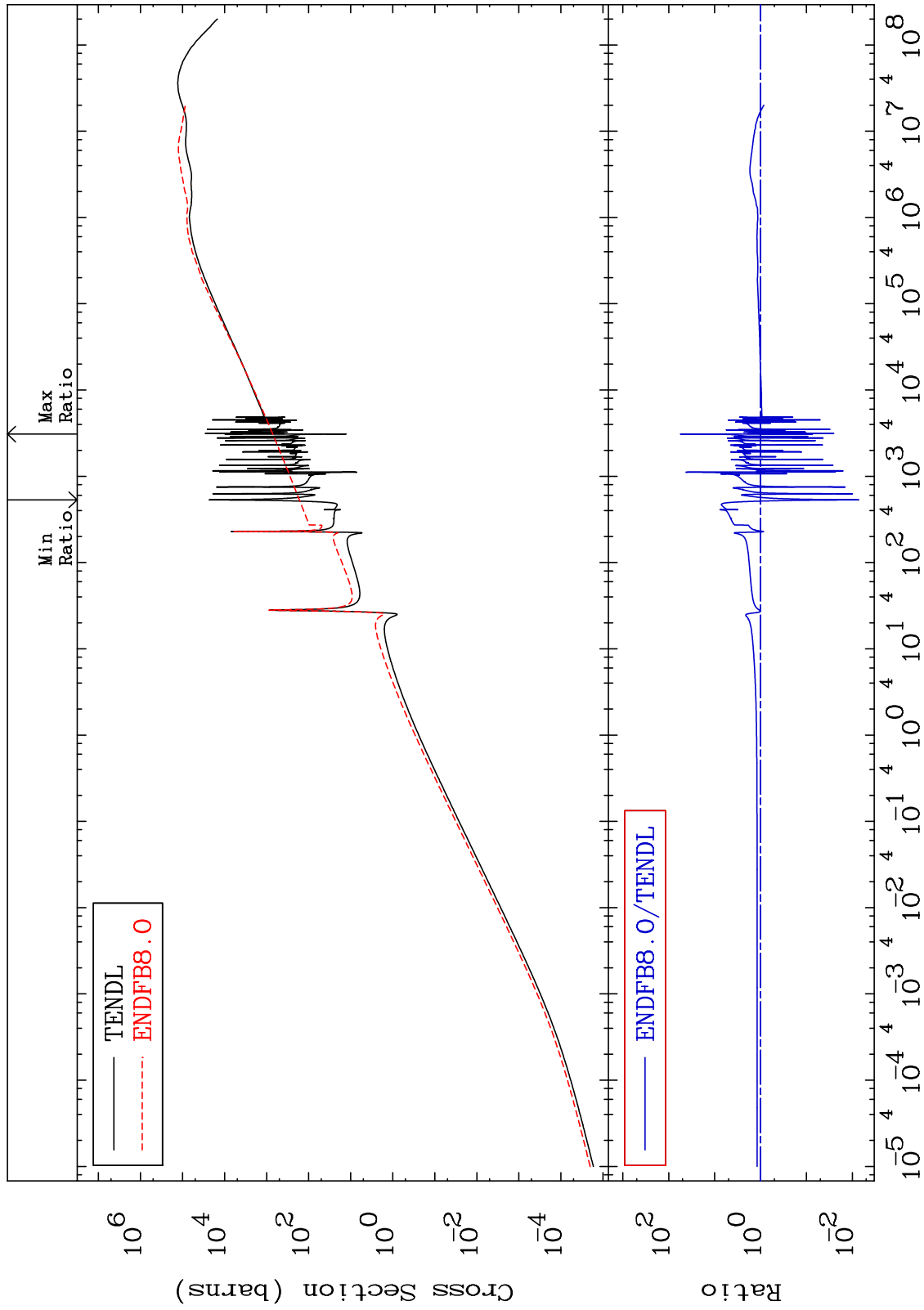
MAT 3640 Kerma total (eV-barns) Cross Section 36-Kr-83 511.5 To 9999. %



MAT 3640

Kerma elastic  
Cross Section

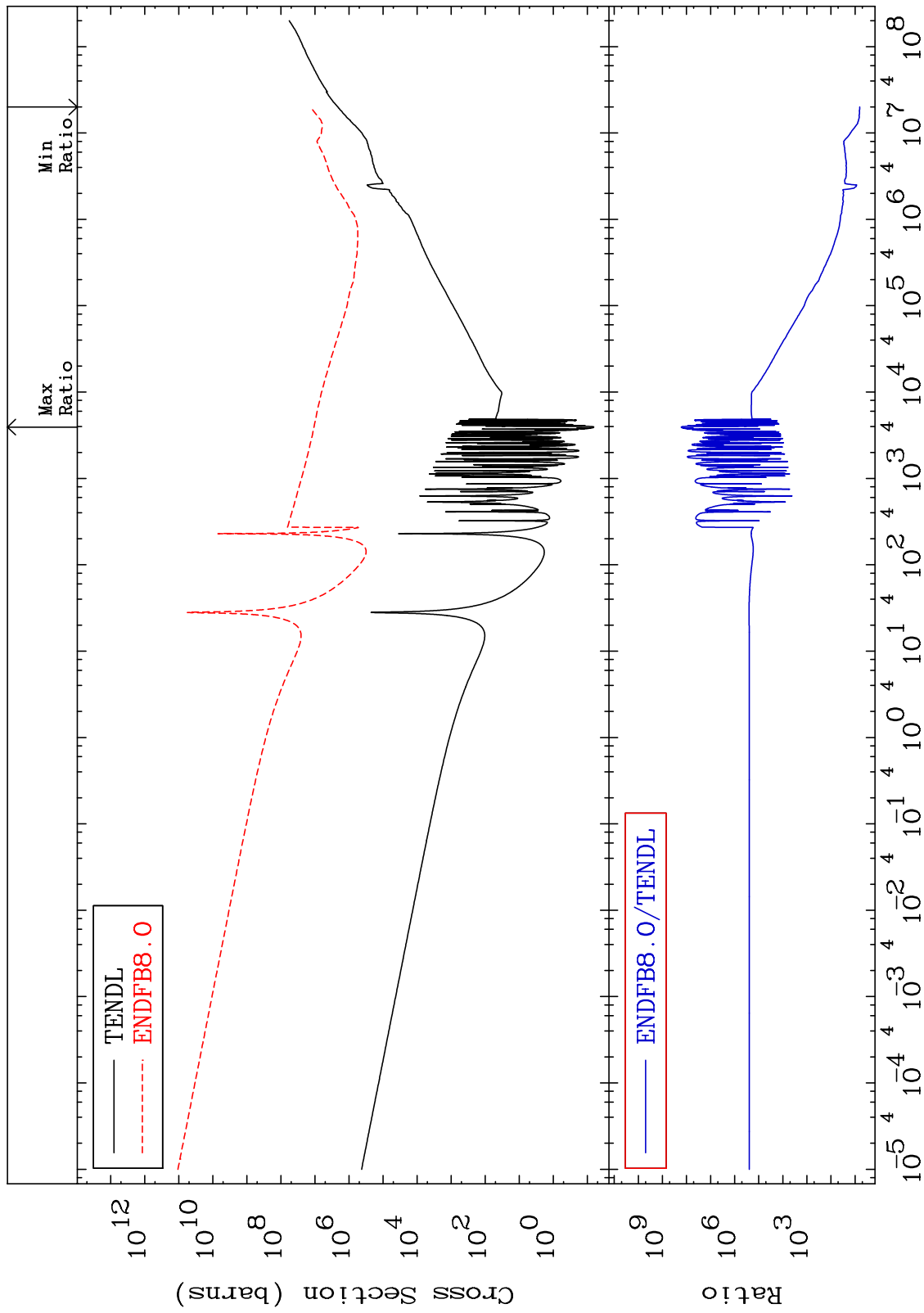
36-Kr-83  
-99.28 To 5413. %



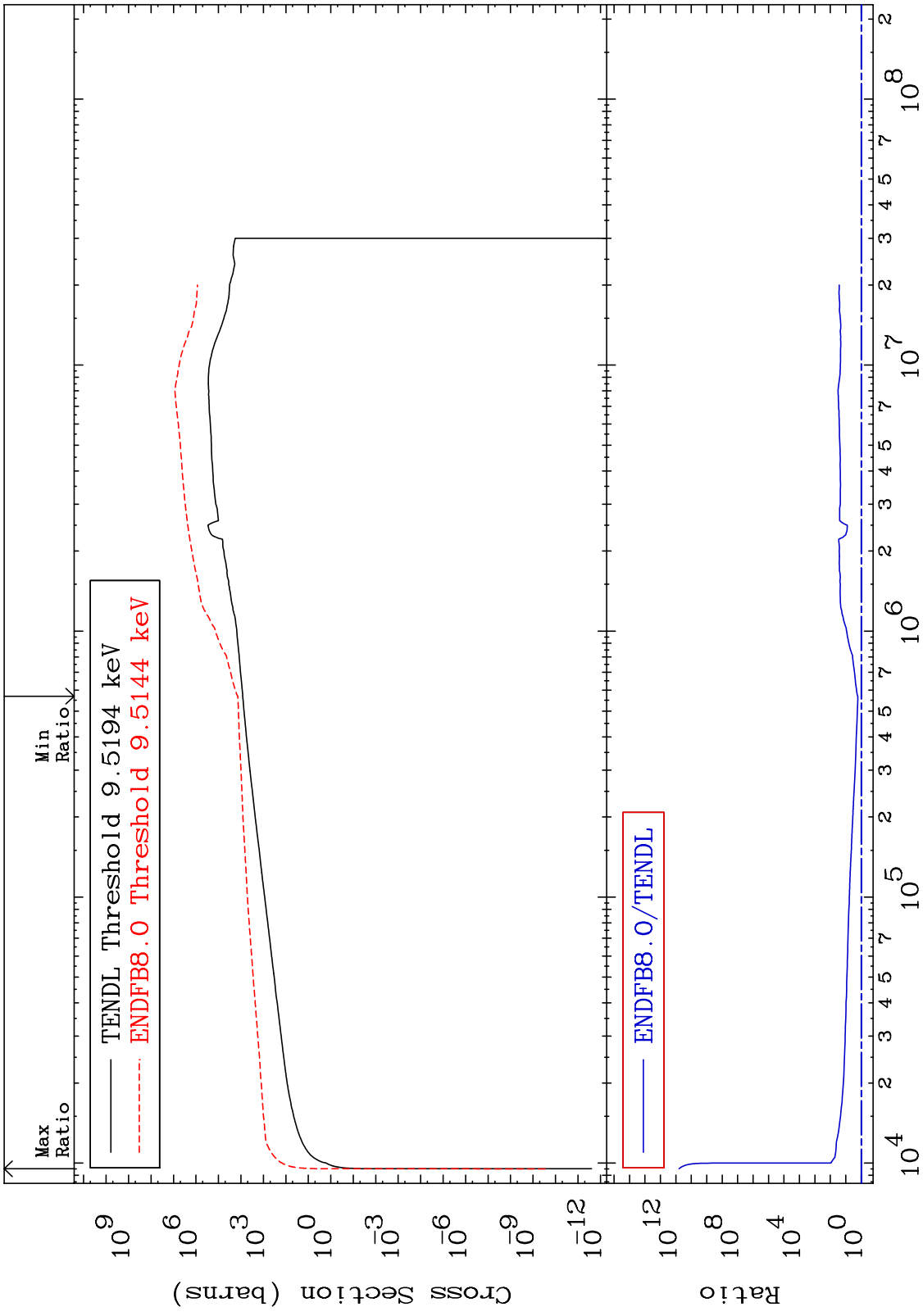
MAT 3640

Kerma non-elastic (all but mt2)  
Cross Section

36-Kr-83  
536.7 To 9999. %



MAT 3640 Kerma inelastic (mt51-91) Cross Section 36-Kr-83  
65.84 To 9999. %

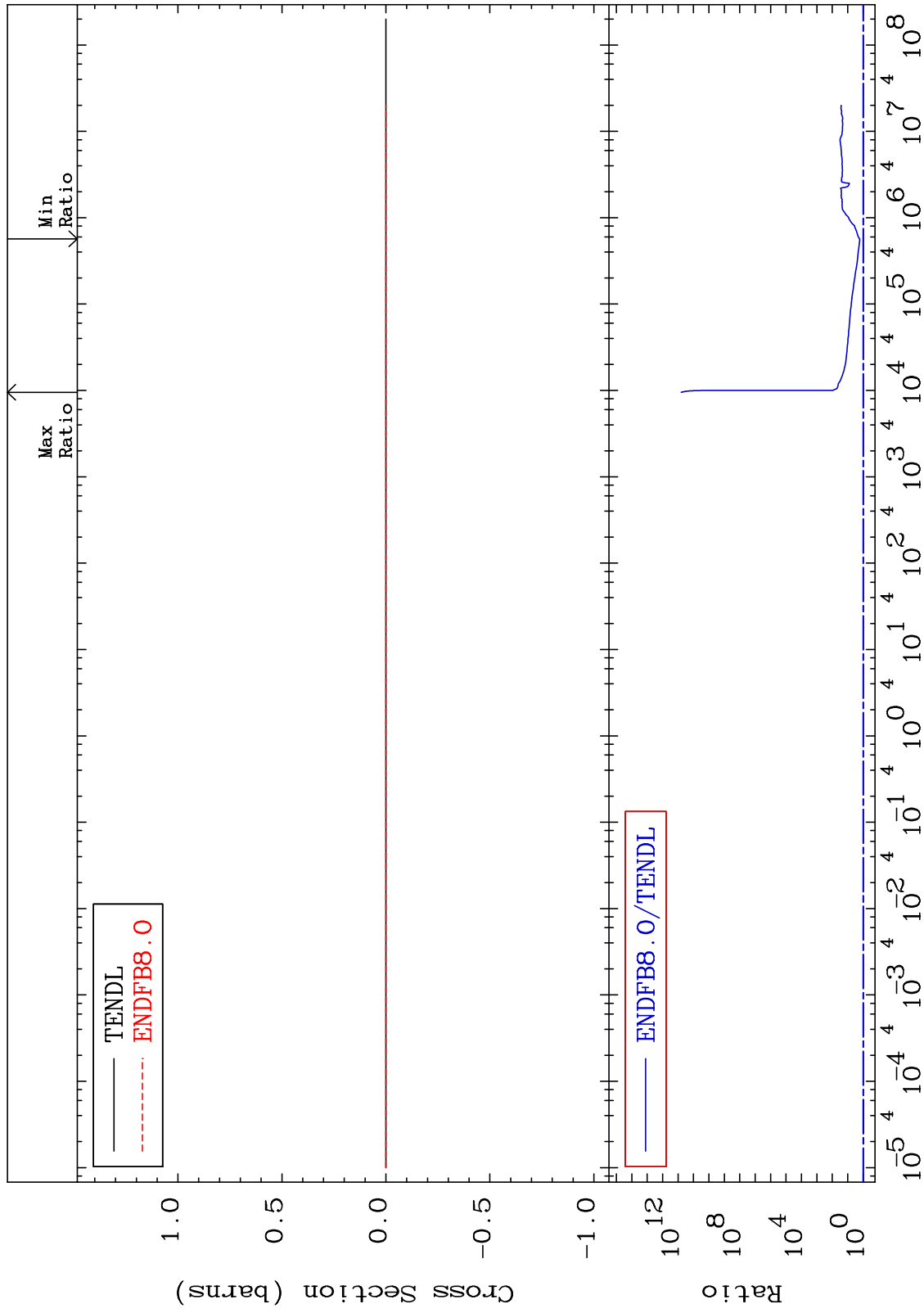




MAT 3640

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

36-Kr-83  
65.84 To 9999. %



40

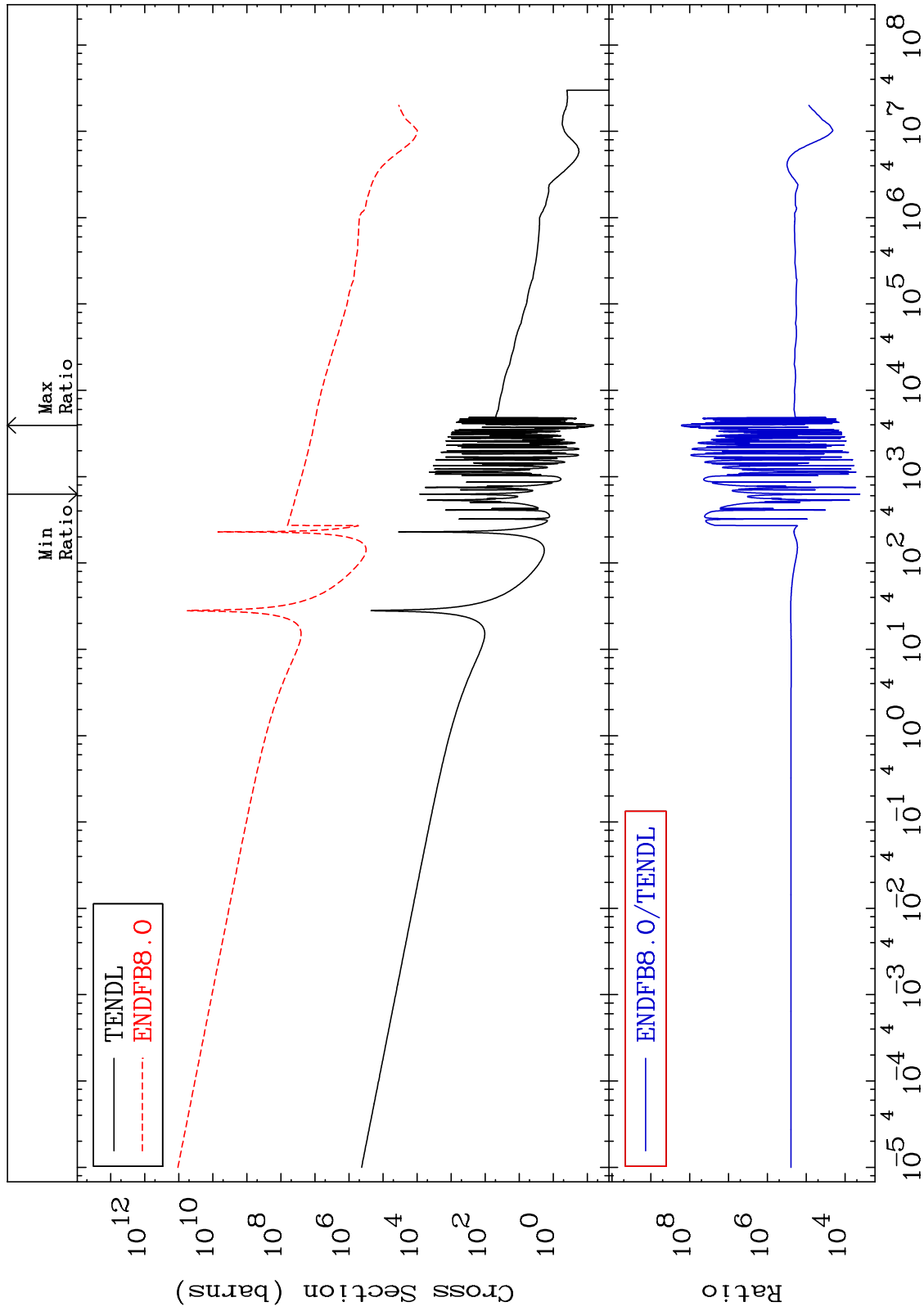
Incident Energy (eV)

36-Kr-83

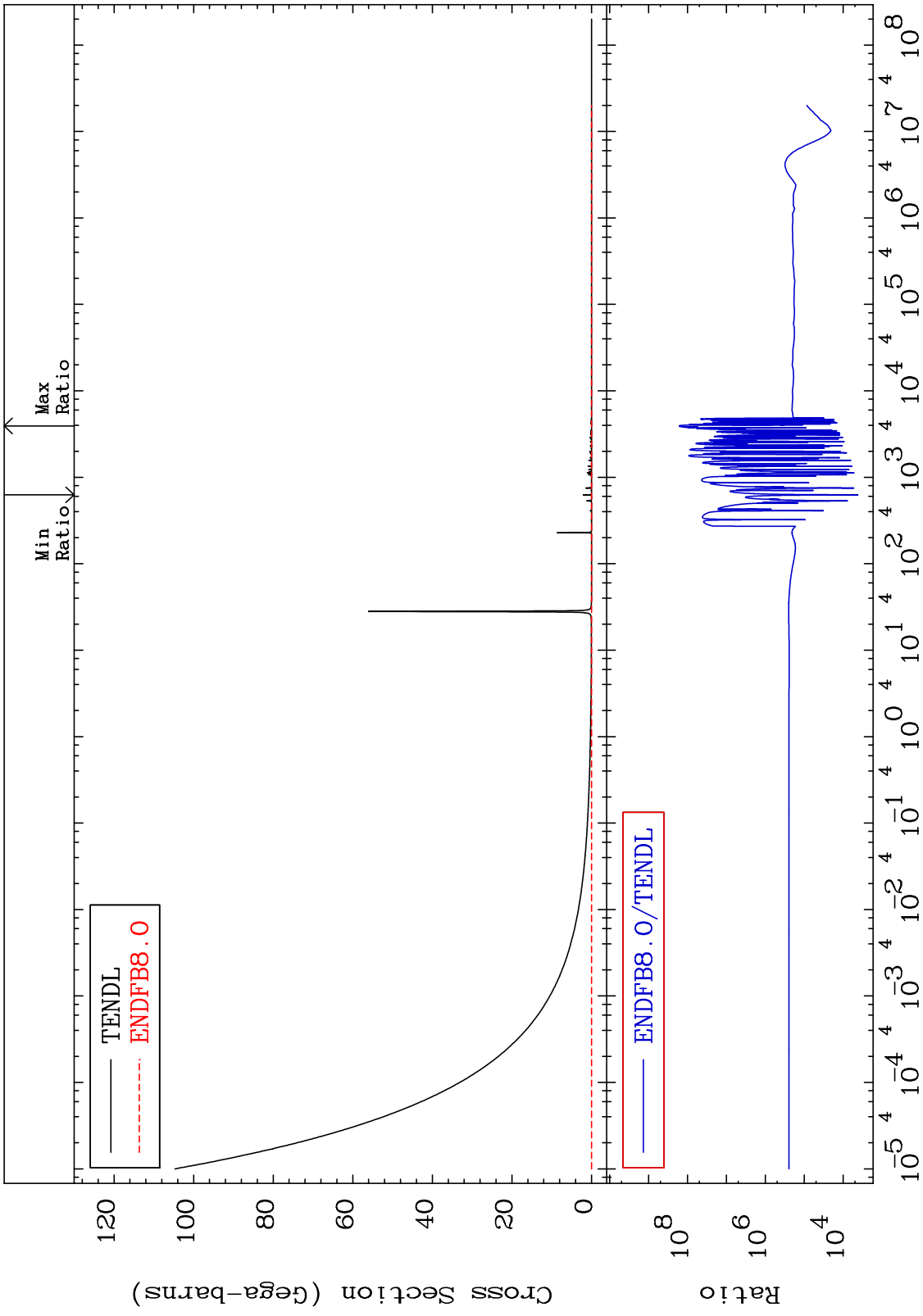
MAT 3640

Kerma capture (mt102)  
Cross Section

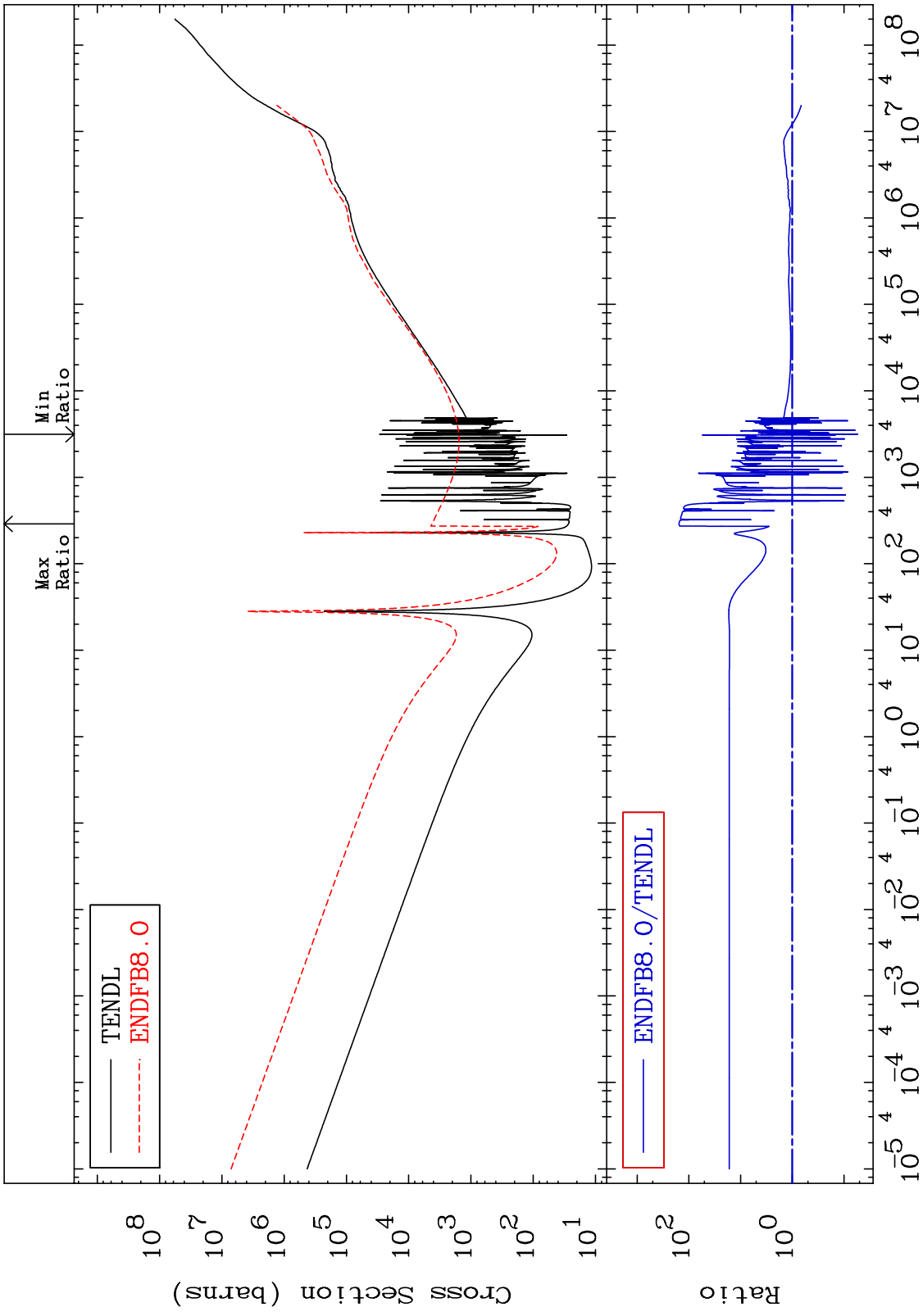
36-Kr-83  
9999. To 9999. %



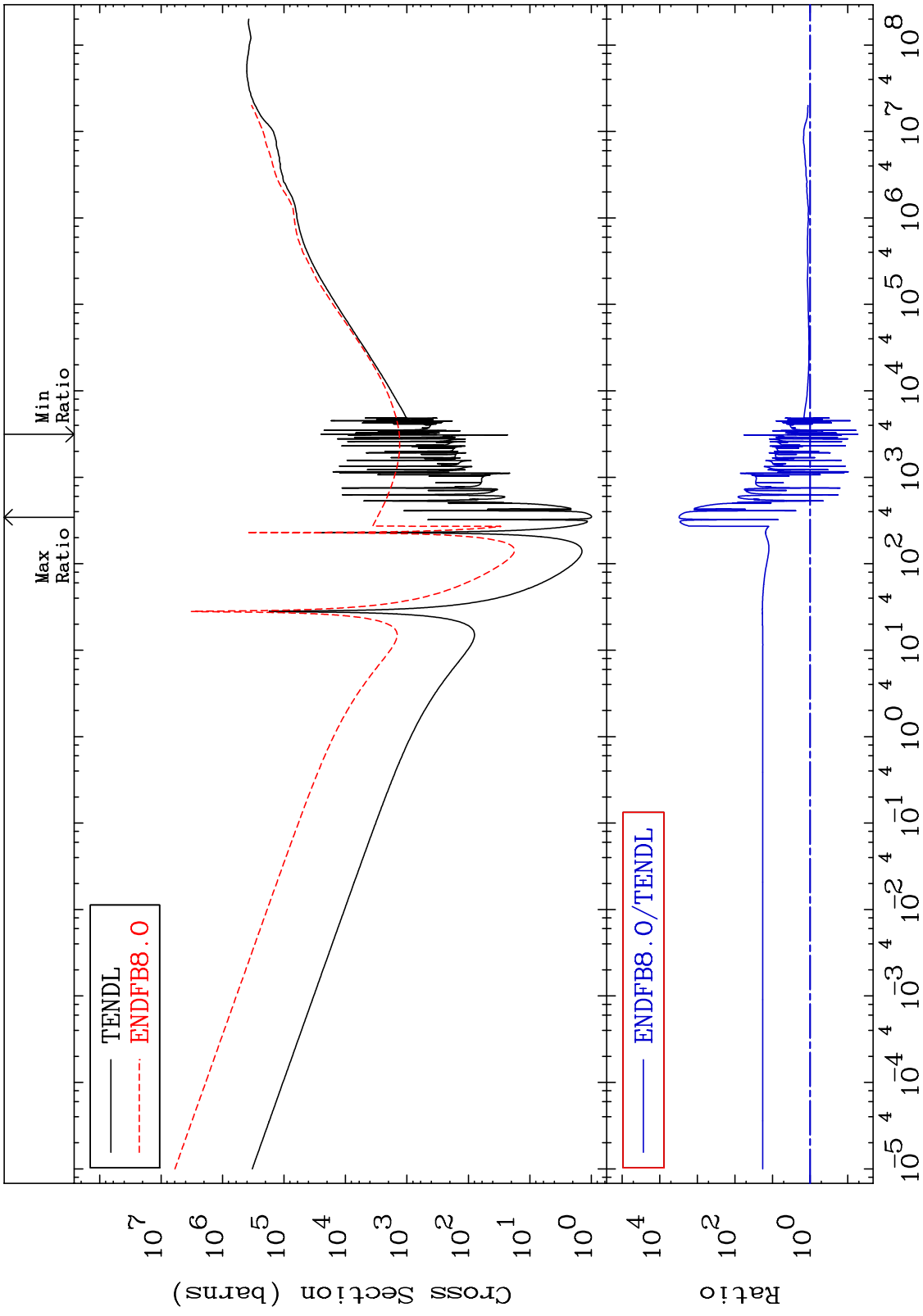
MAT 3640 Total photon (eV-barns) Cross Section 36-Kr-83 9999. To 9999. %



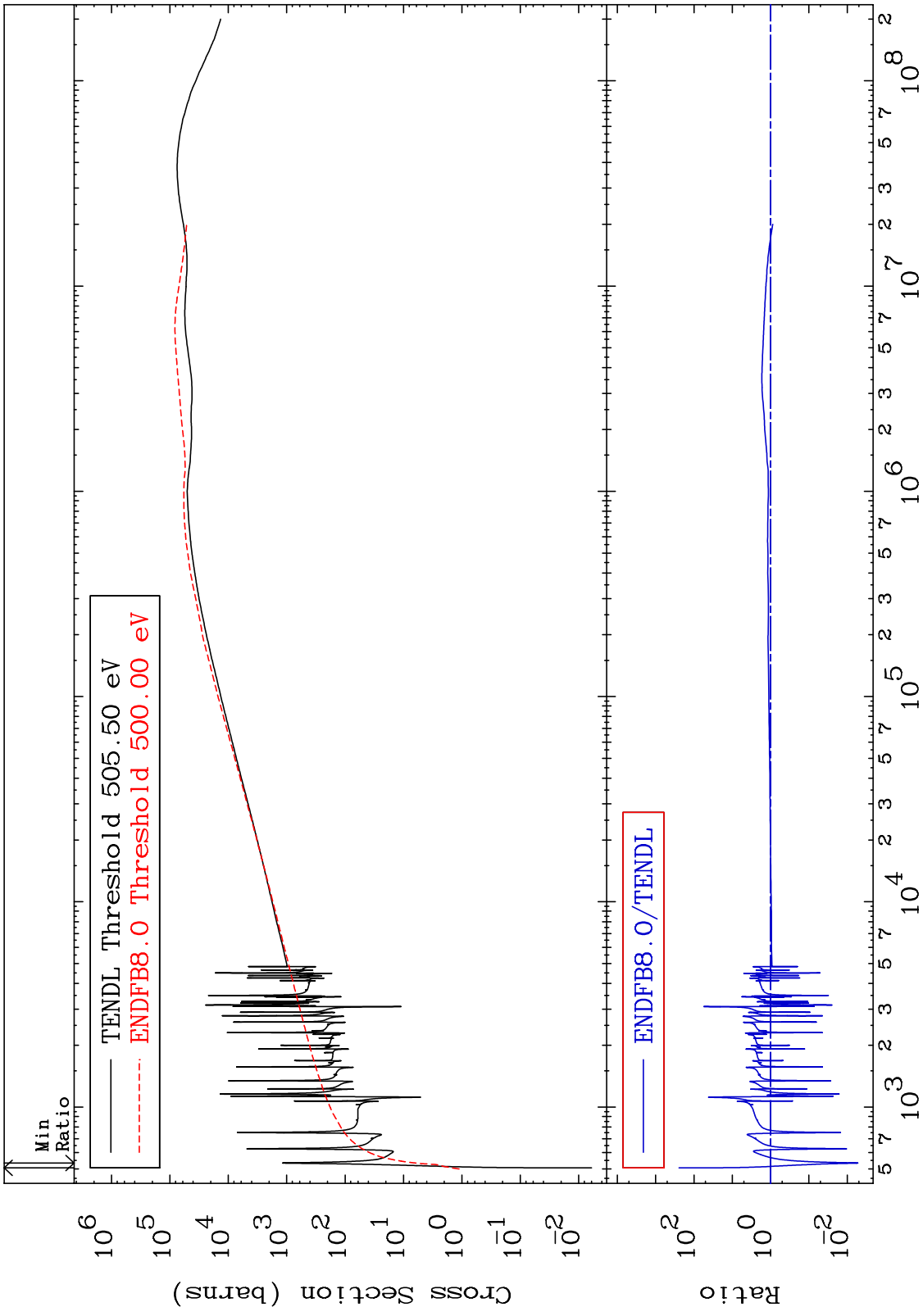
MAT 3640 Total kinematic kerma (high limit) 36-Kr-83  
 Cross Section -94.60 To 9999. %



MAT 3640      Dpa total (eV-barns)      36-Kr-83  
 Cross Section      -94.64 To 9999. %



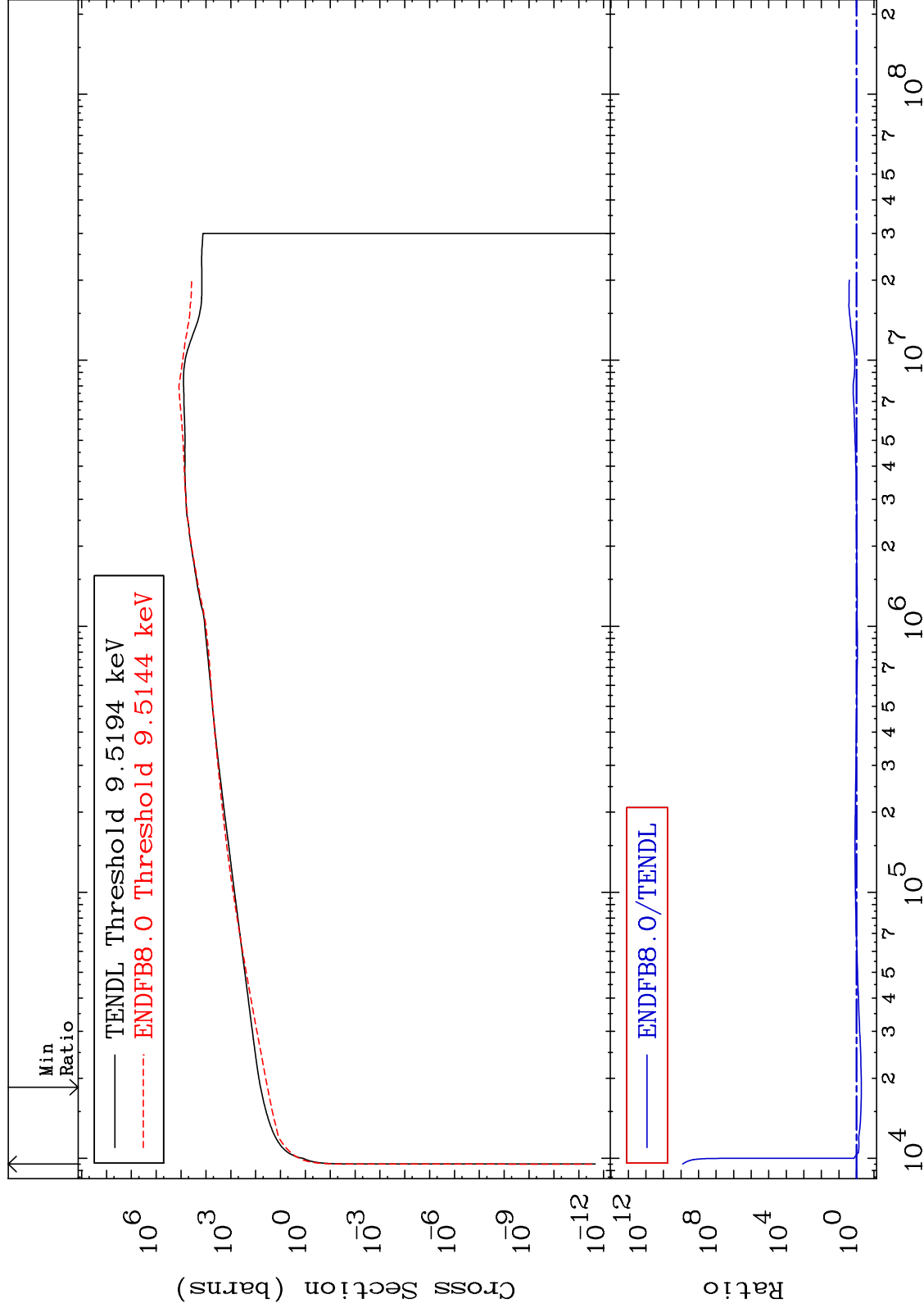
MAT 3640      Dpa elastic (mt2)      36-Kr-83  
Cross Section      -99.47 To 9999. %



MAT 3640

Dpa inelastic (mt51-91)  
Cross Section

36-Kr-83  
-47.21 To 9999. %



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Incident Energy (eV)

36-Kr-83

MAT 3640      Dpa disappearance (mt102 -120)      36-Kr-83  
 Cross Section      -68.81 To 9999. %

