

Program Complot  
(Version 2018-1)

by

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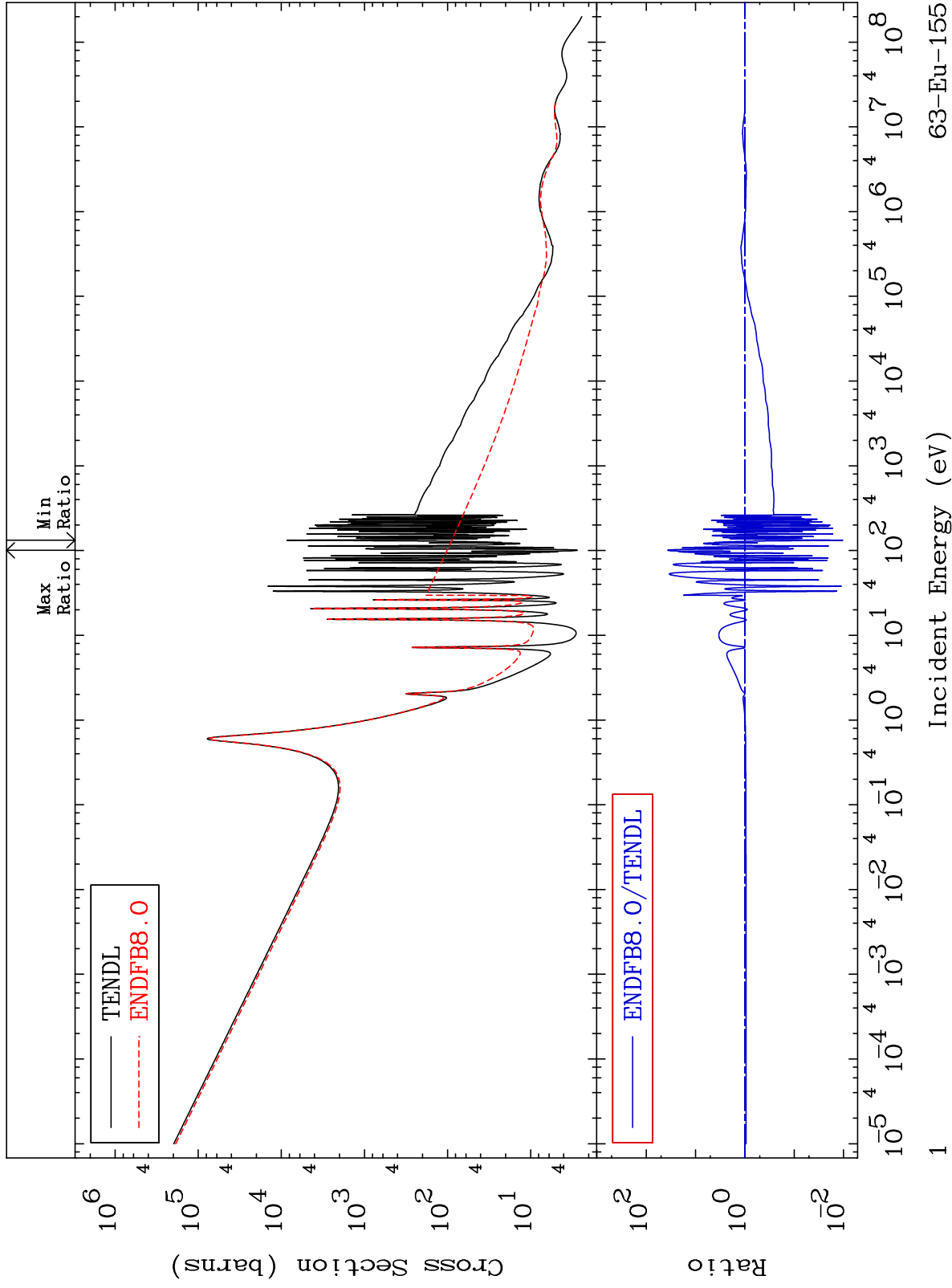
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6337

Total  
Cross Section

63-Eu-155  
-98.96 To 3589. %



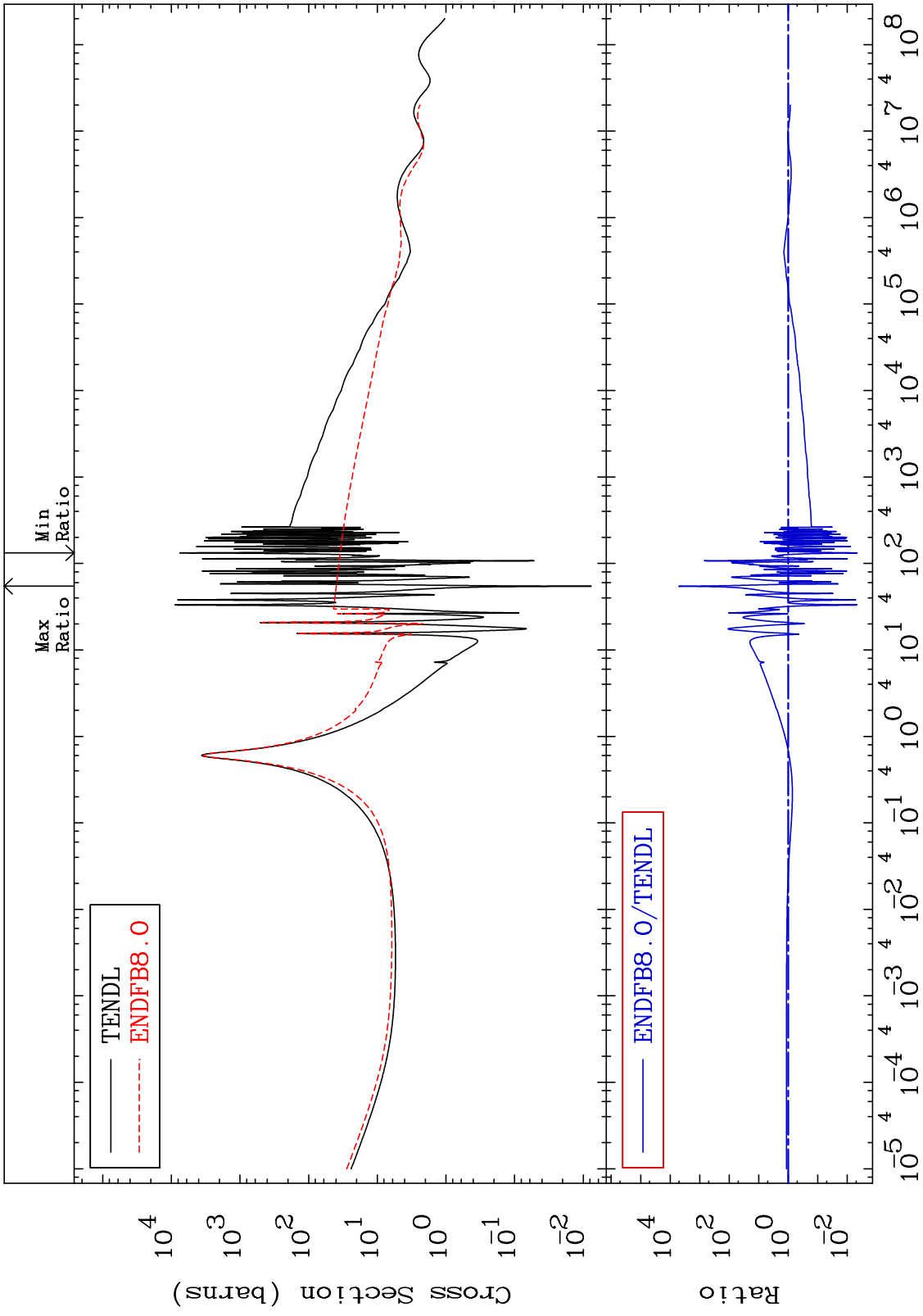
MAT 6337

Elastic

63-Eu-155

Cross Section

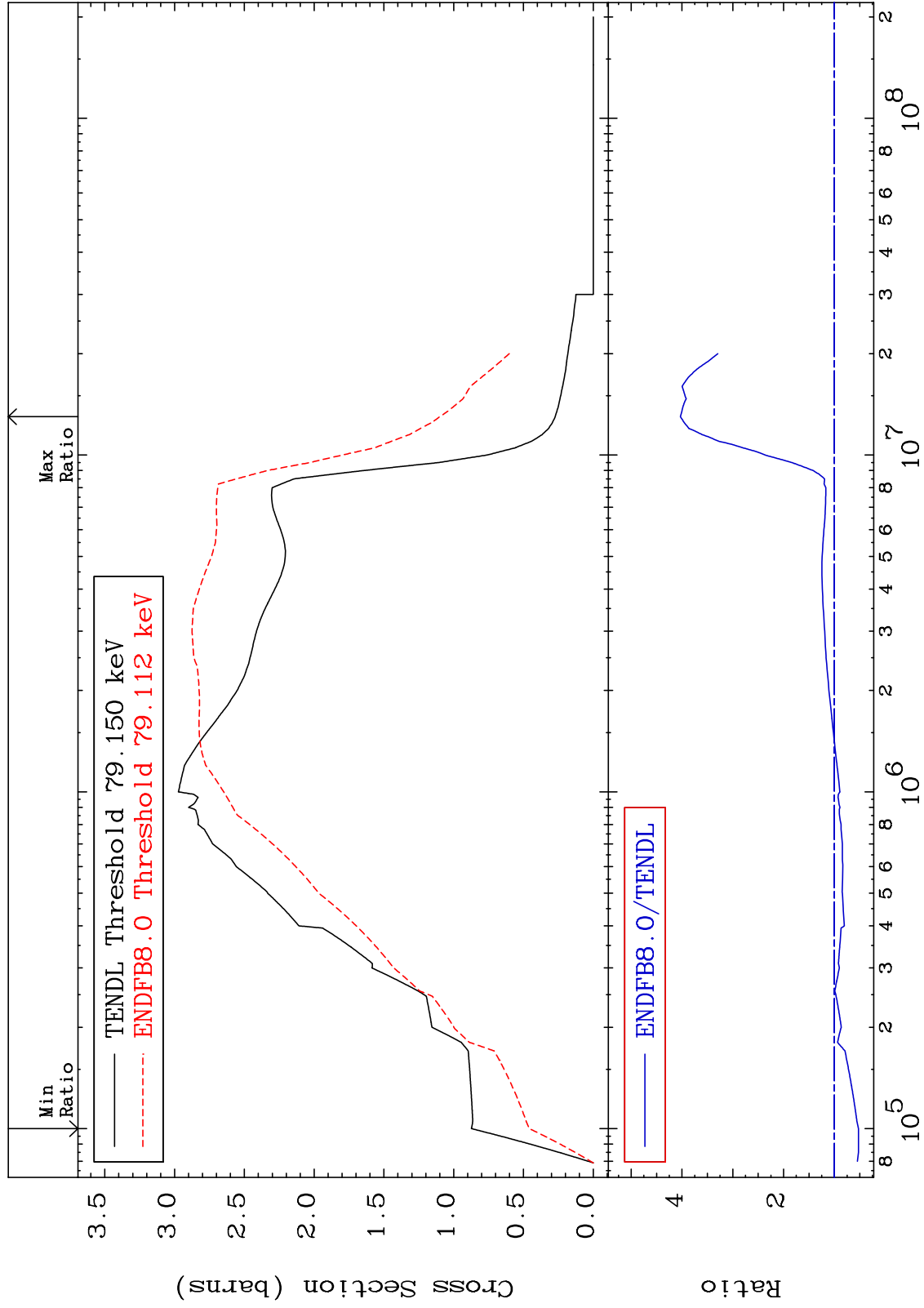
-99.54 To 9999. %



MAT 6337

Inelastic  
Cross Section

63-Eu-155  
-47.56 To 303.0 %

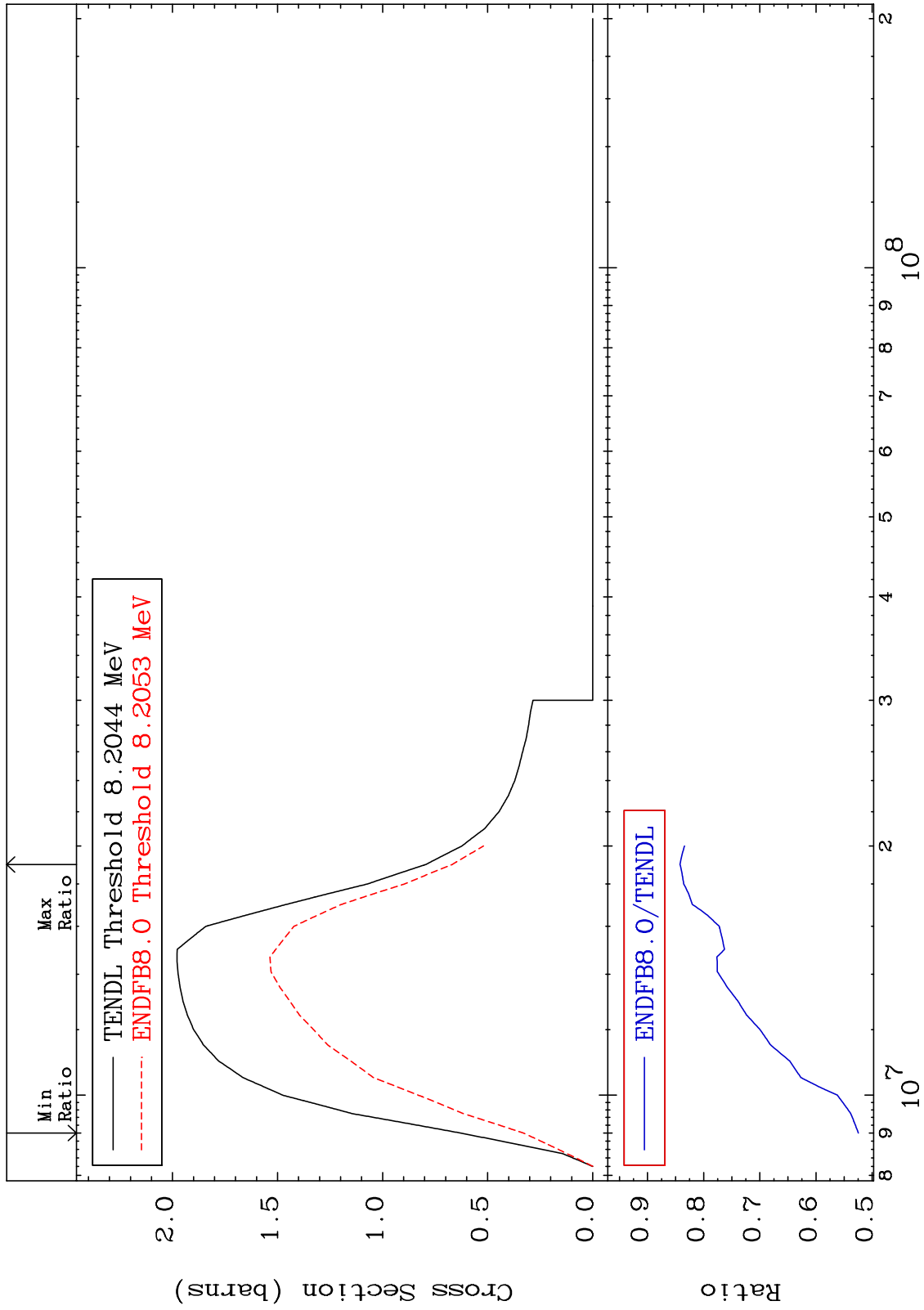


63-Eu-155

Incident Energy (eV)

3

MAT 6337 (n,2n) Cross Section 63-Eu-155 -47.55 To -15.79%



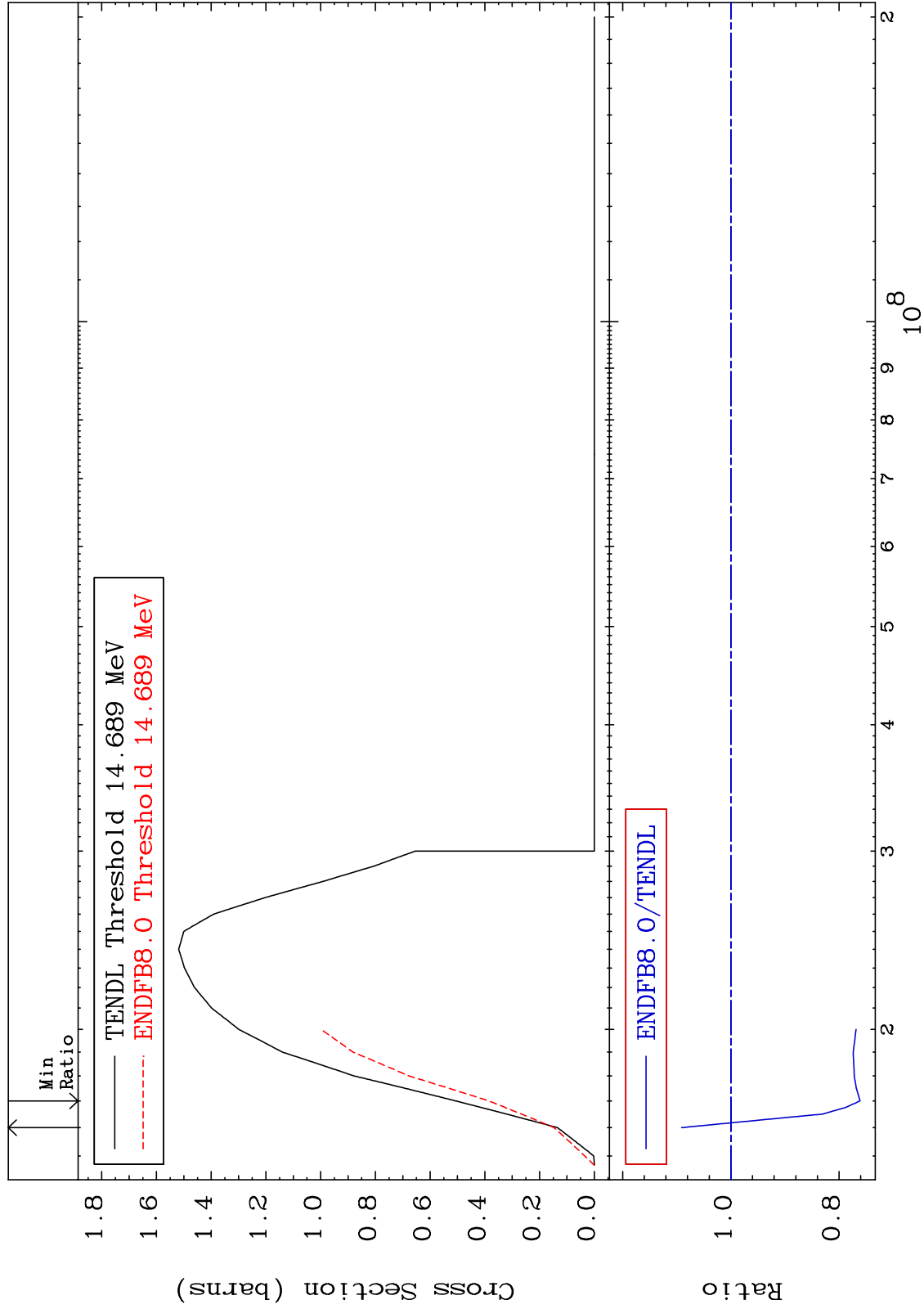
MAT 6337

(n, 3n)

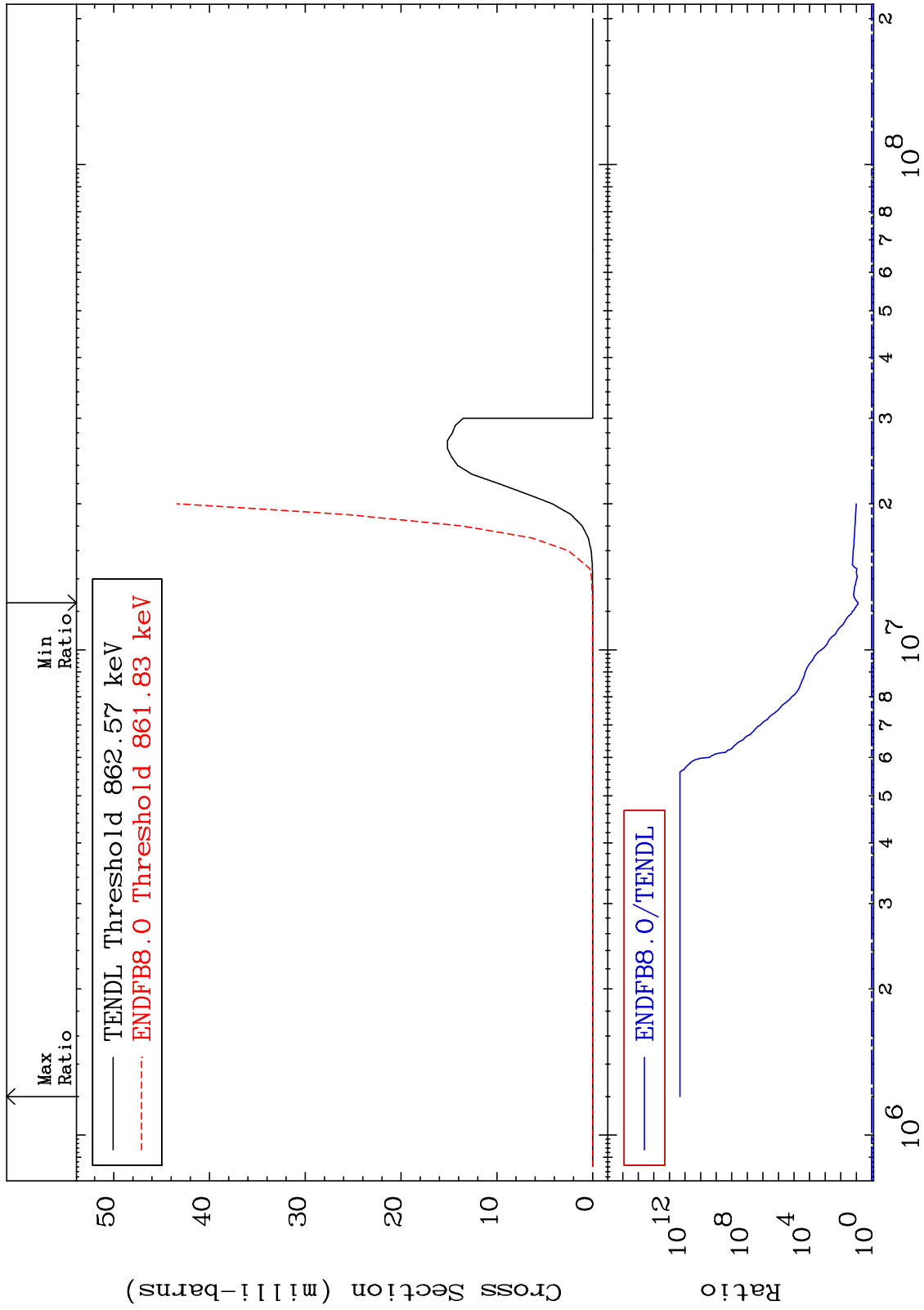
63-Eu-155

Cross Section

-23.88 To 9.094 %



MAT 6337 (n,n')  $\alpha$  63-Eu-155  
 Cross Section 636.3 To 9999. %

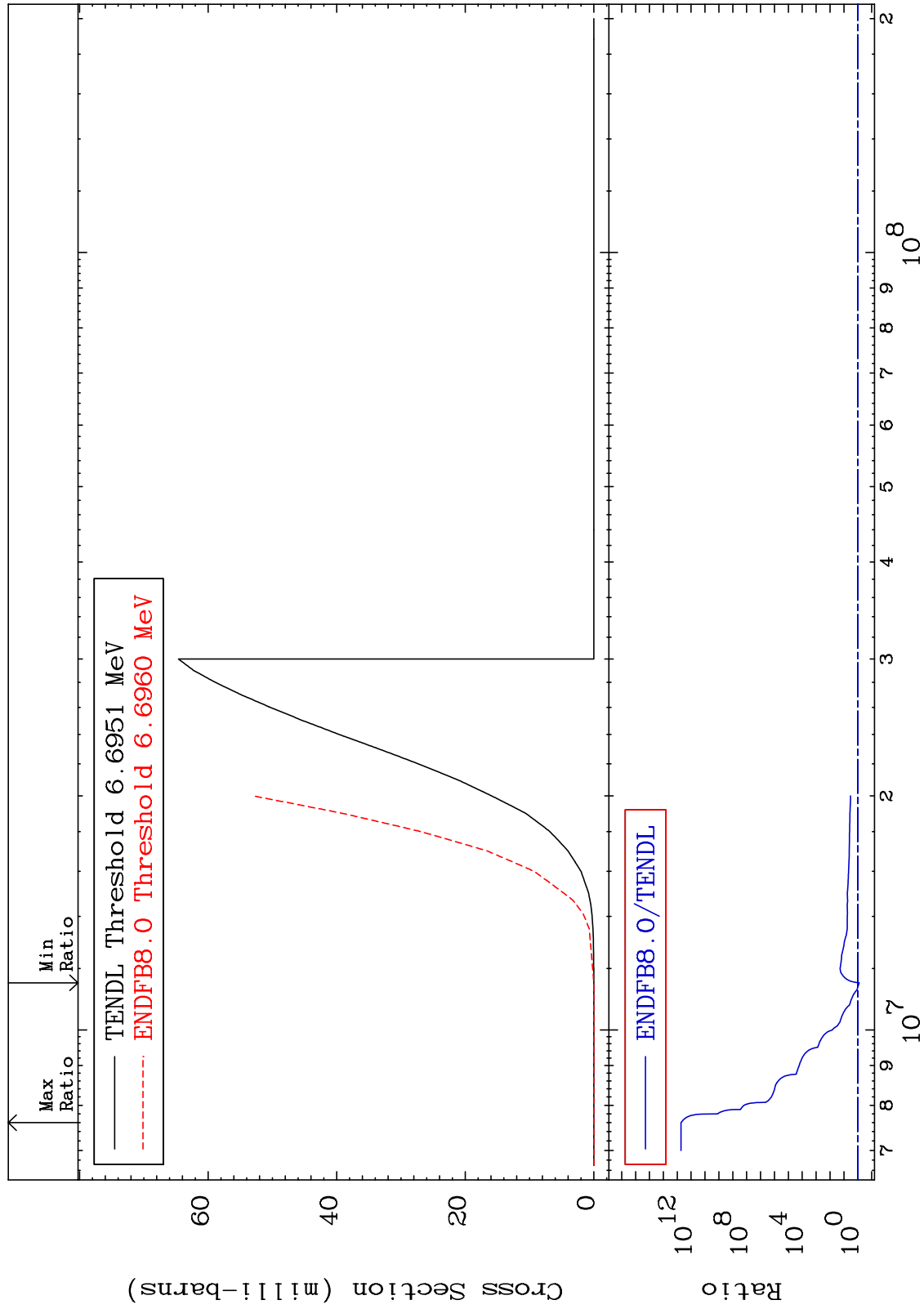


63-Eu-155 Incident Energy (eV)

MAT 6337

(n,n') p  
Cross Section

63-Eu-155  
-21.61 To 9999. %



7

Incident Energy (eV)

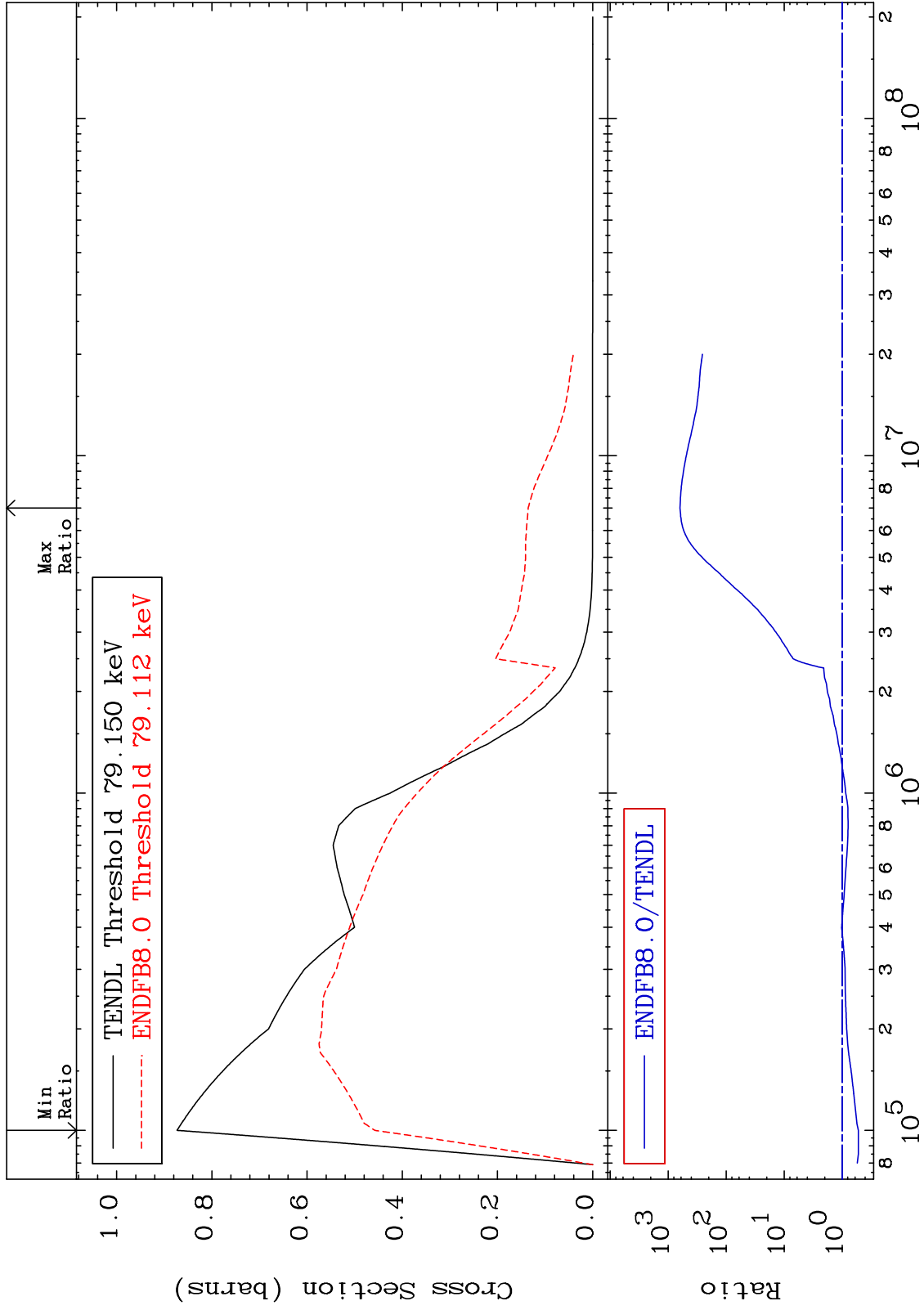
63-Eu-155



MAT 6337

MT= 51 (n, n') Level  
Cross Section

63-Eu-155  
-47.56 To 9999. %

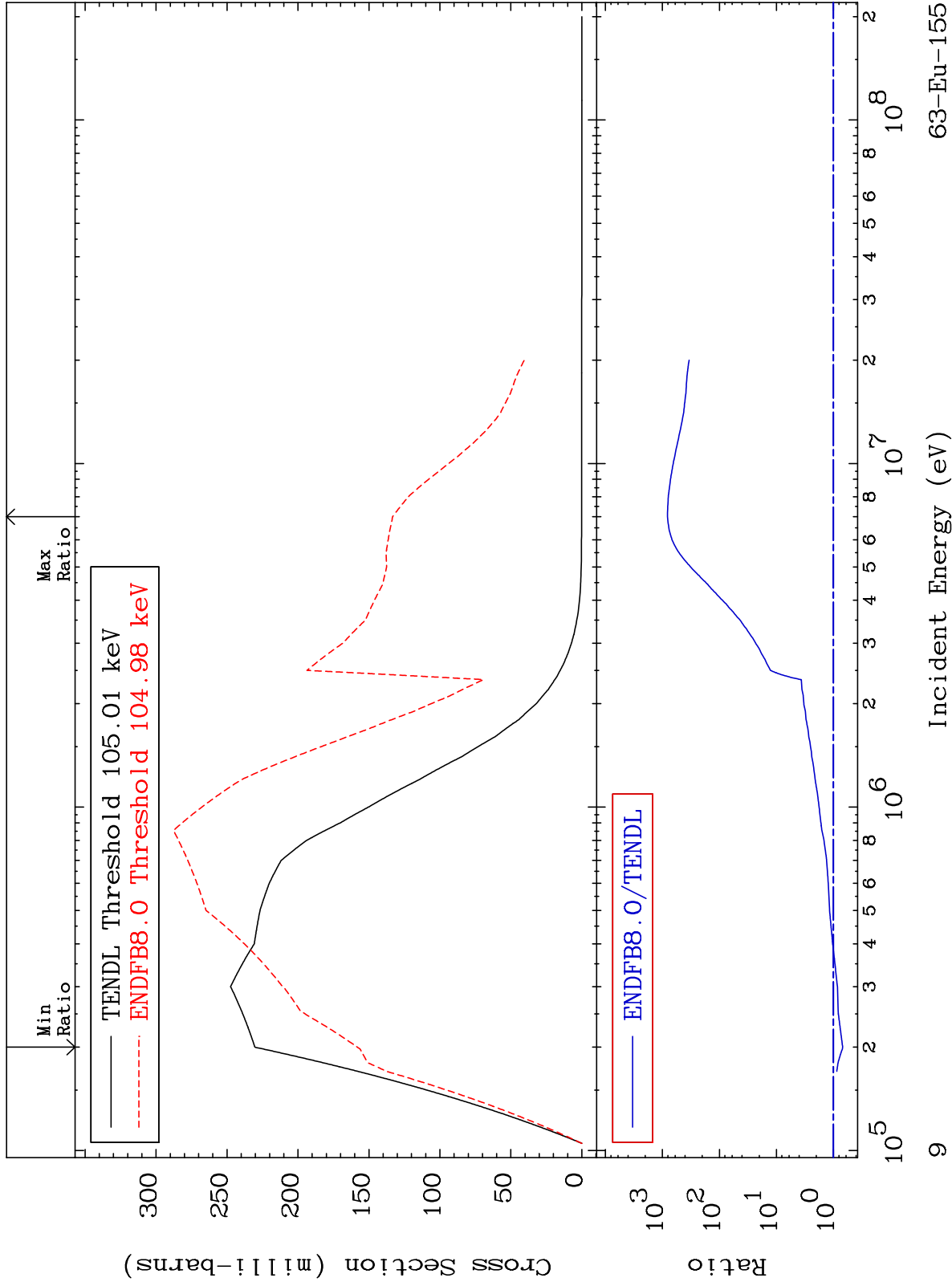


8 8 Incident Energy (eV) 63-Eu-155

MAT 6337

MT= 52 (n,n') Level  
Cross Section

63-Eu-155  
-31.35 To 9999. %



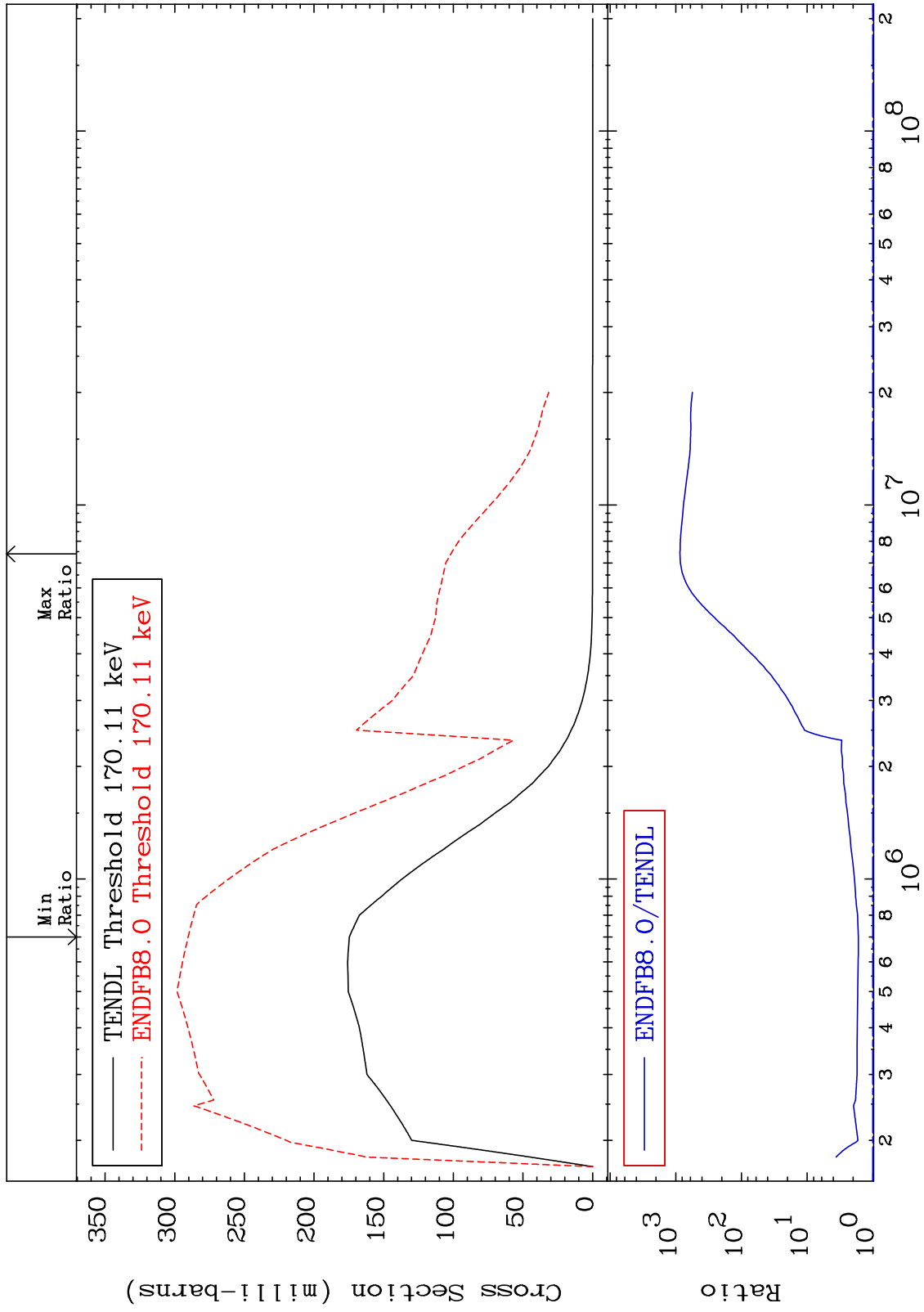
63-Eu-155

Incident Energy (eV)

MAT 6337

MT= 53 (n,n') Level  
Cross Section

63-Eu-155  
66.18 To 9999. %



10

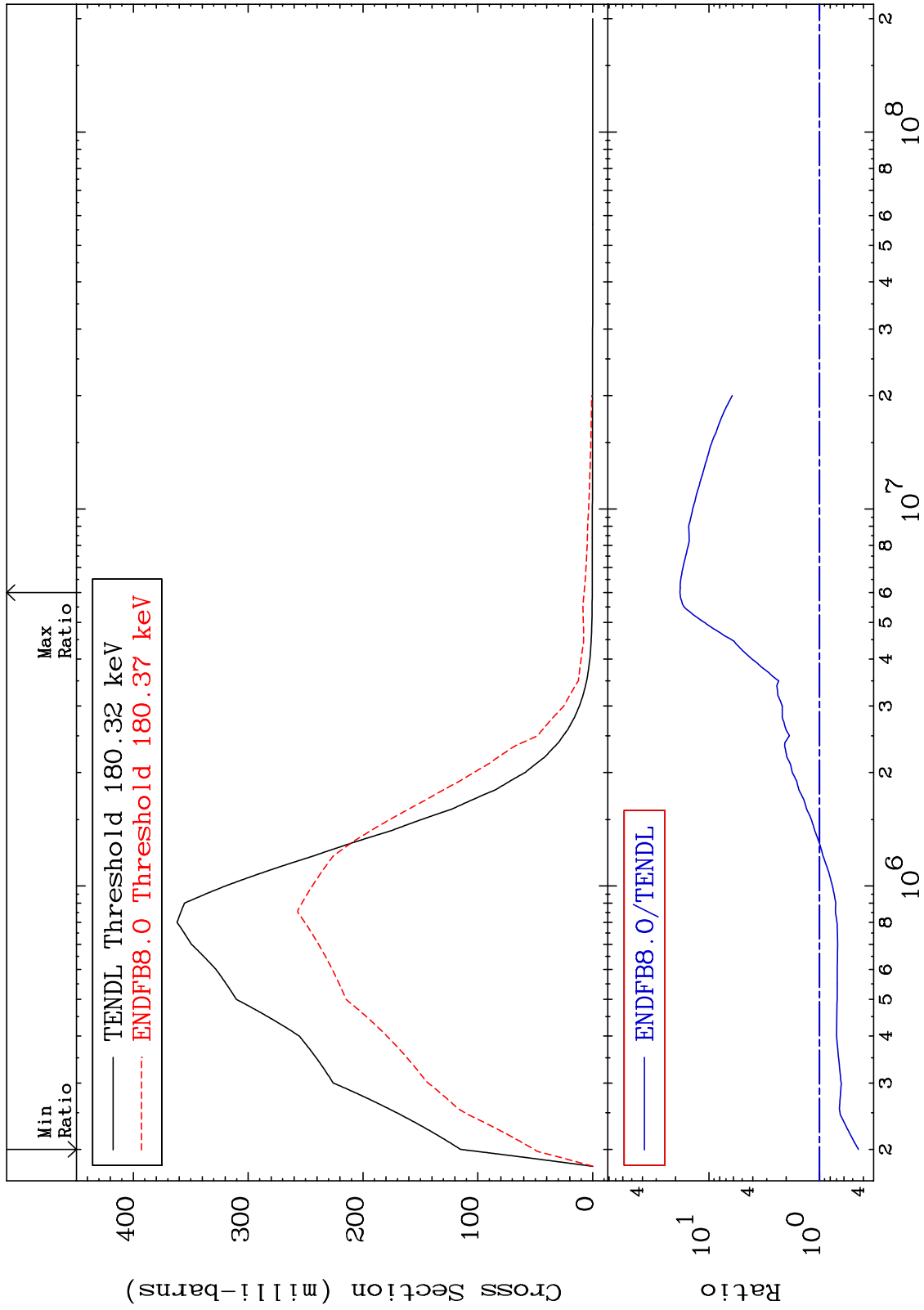
Incident Energy (eV)

63-Eu-155

MAT 6337

MT= 54 (n,n') Level  
Cross Section

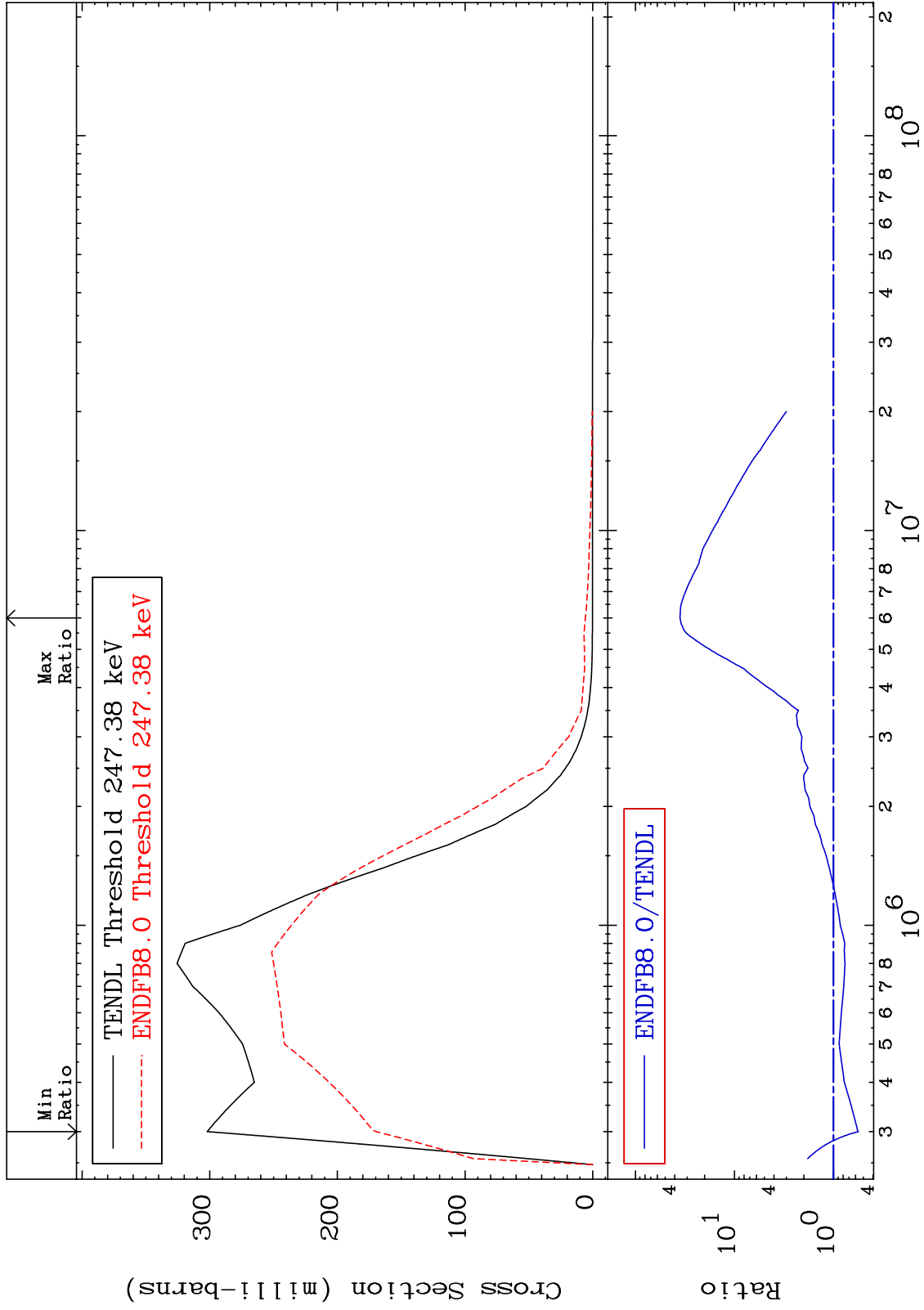
63-Eu-155  
-55.60 To 1726. %



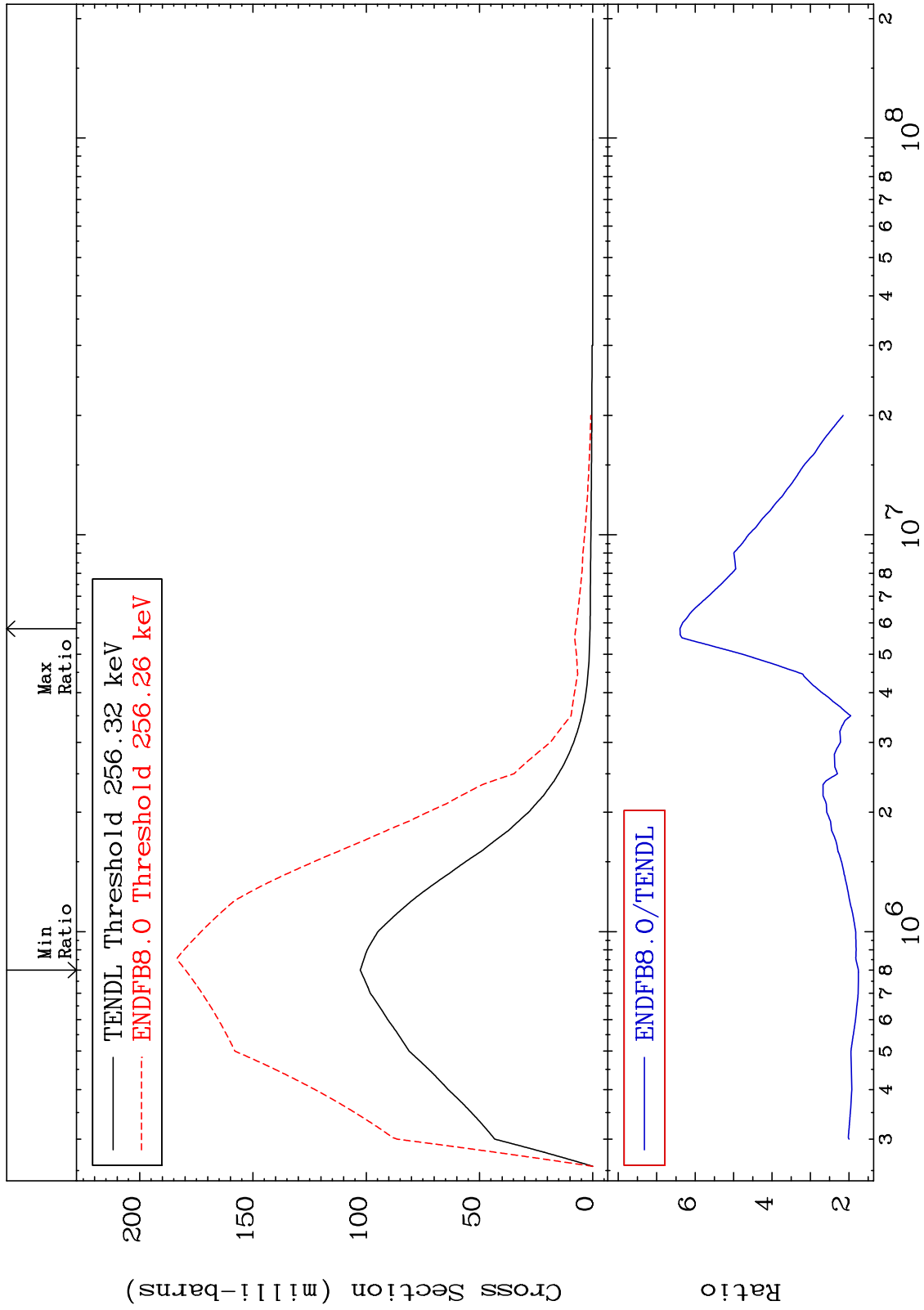
MAT 6337

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

63-Eu-155  
-43.83 To 3444. %



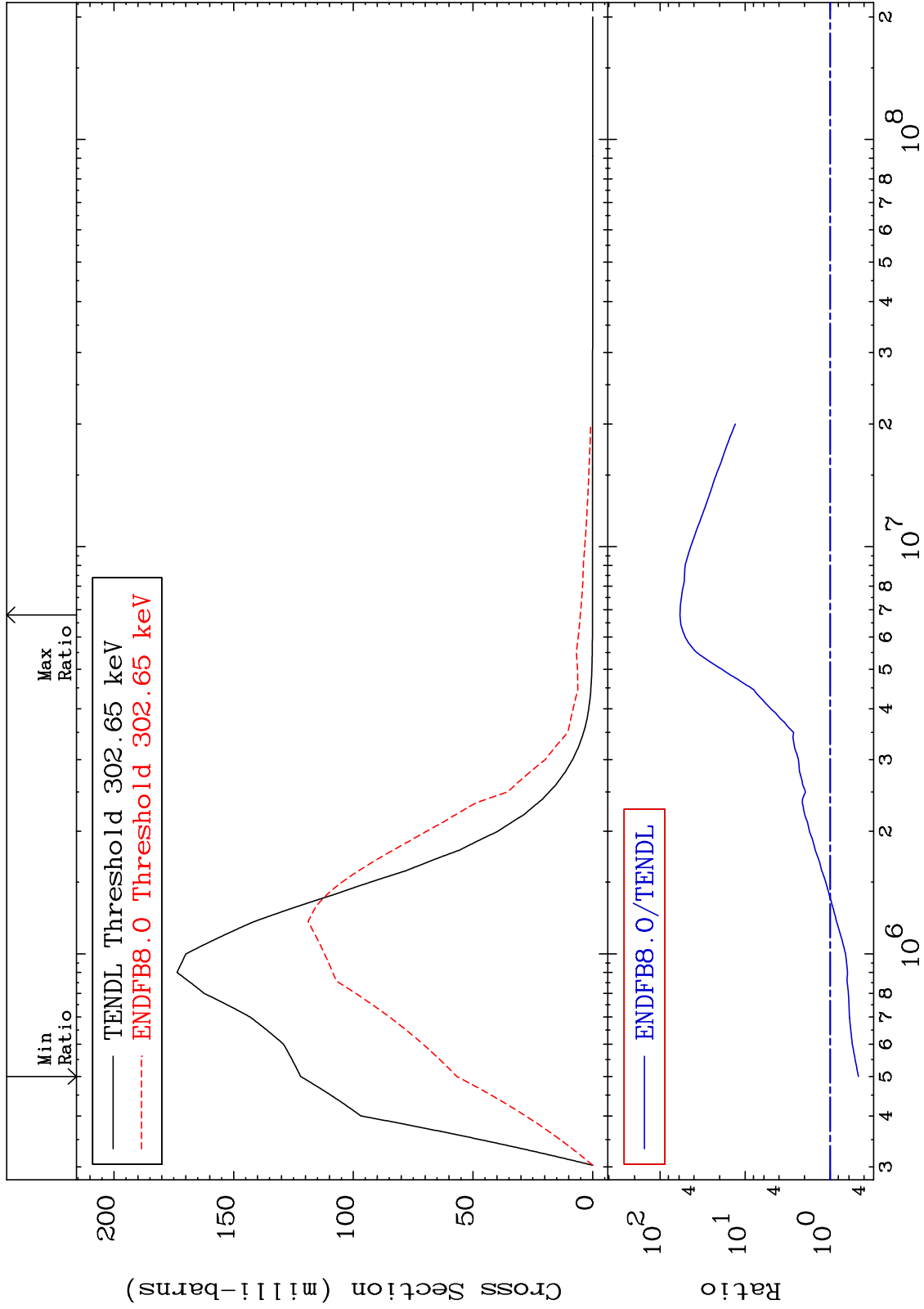
MAT 6337 MT= 56 (n,n') Level Cross Section 63-Eu-155  
 75.20 To 539.3 %



MAT 6337

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

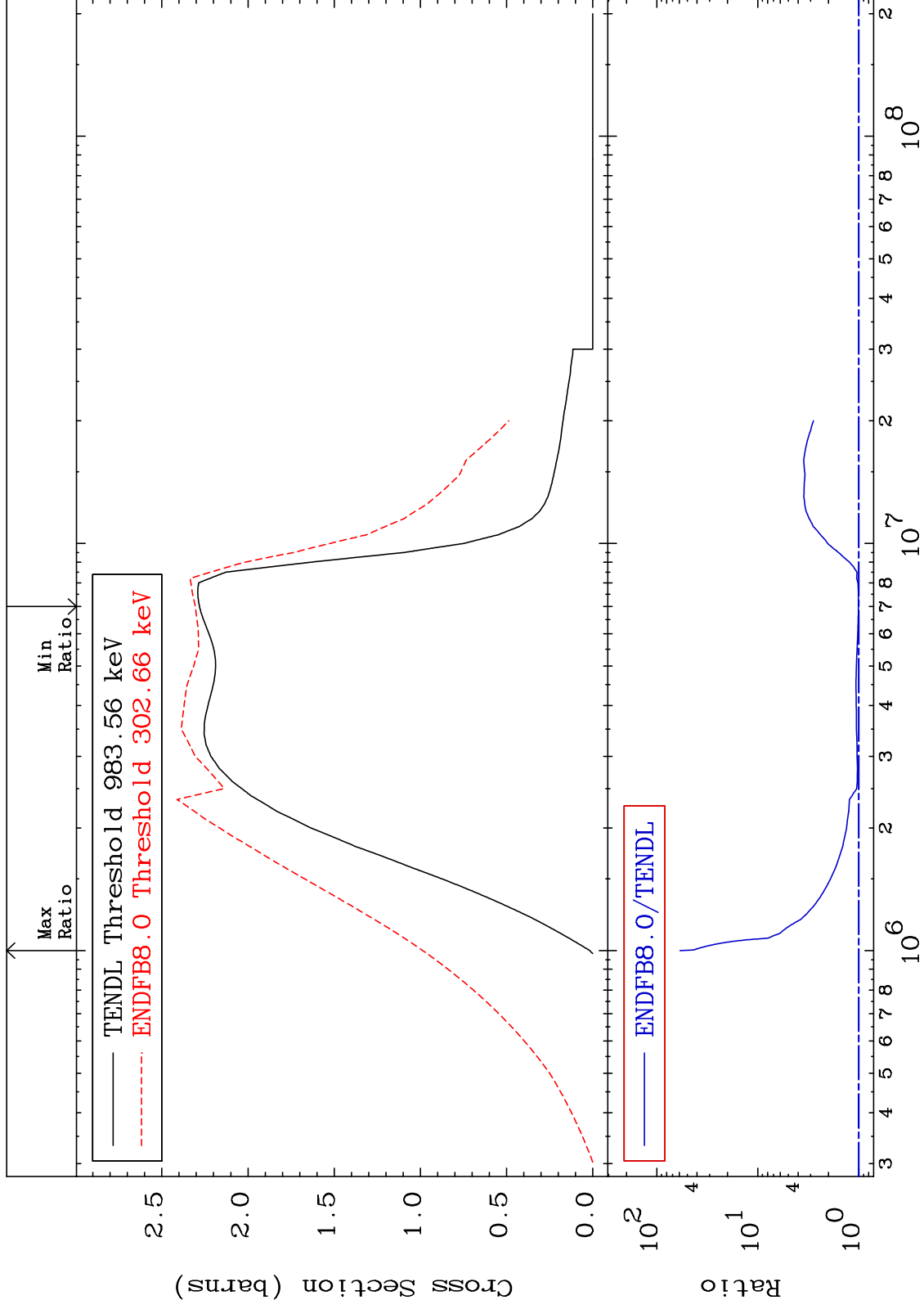
63-Eu-155  
-53.46 To 5732. %



MAT 6337

(n, n') Continuum  
Cross Section

63-Eu-155  
1.052 To 5798. %

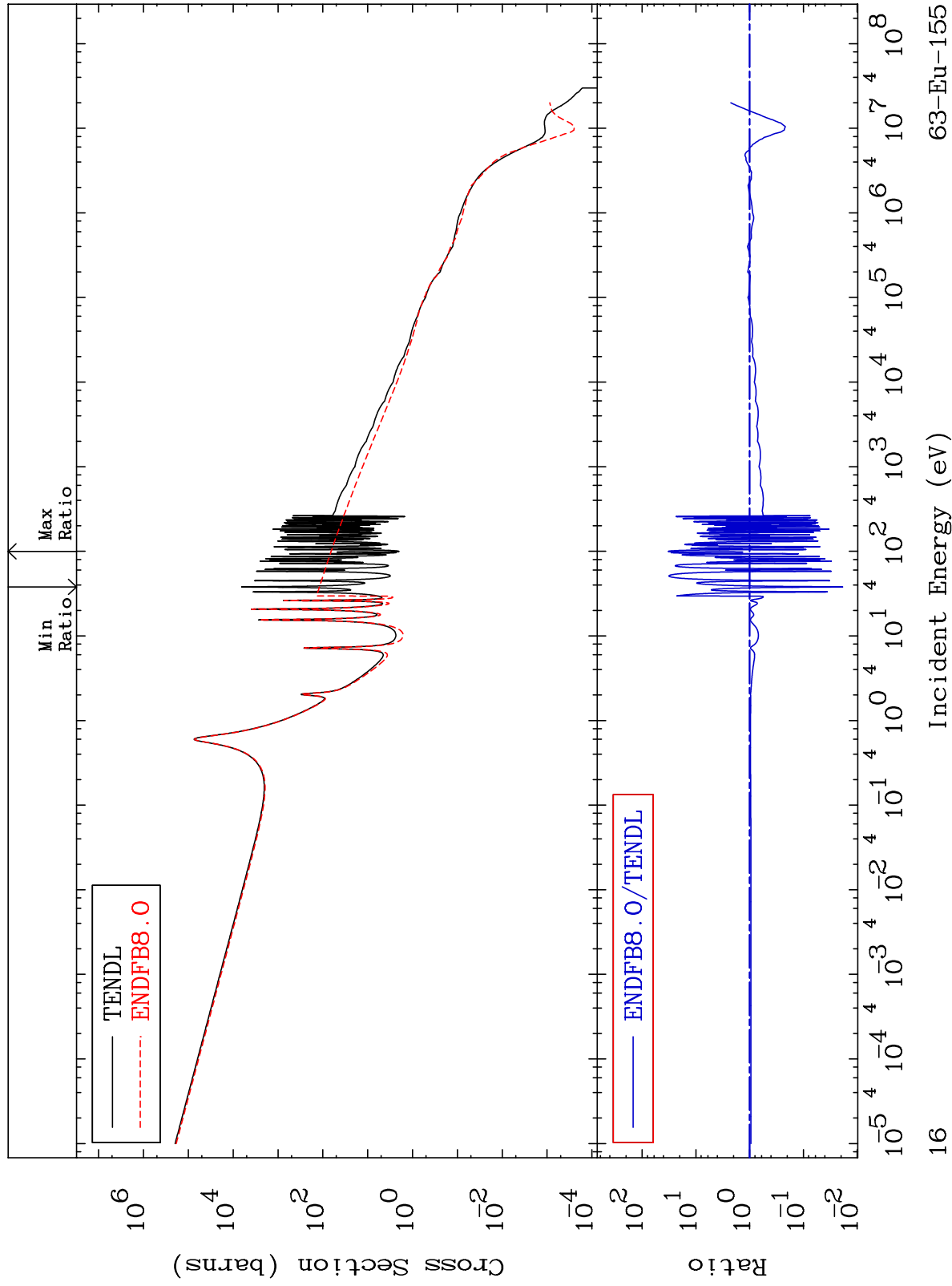




MAT 6337

(n,  $\gamma$ )  
Cross Section

63-Eu-155  
-98.15 To 3204. %



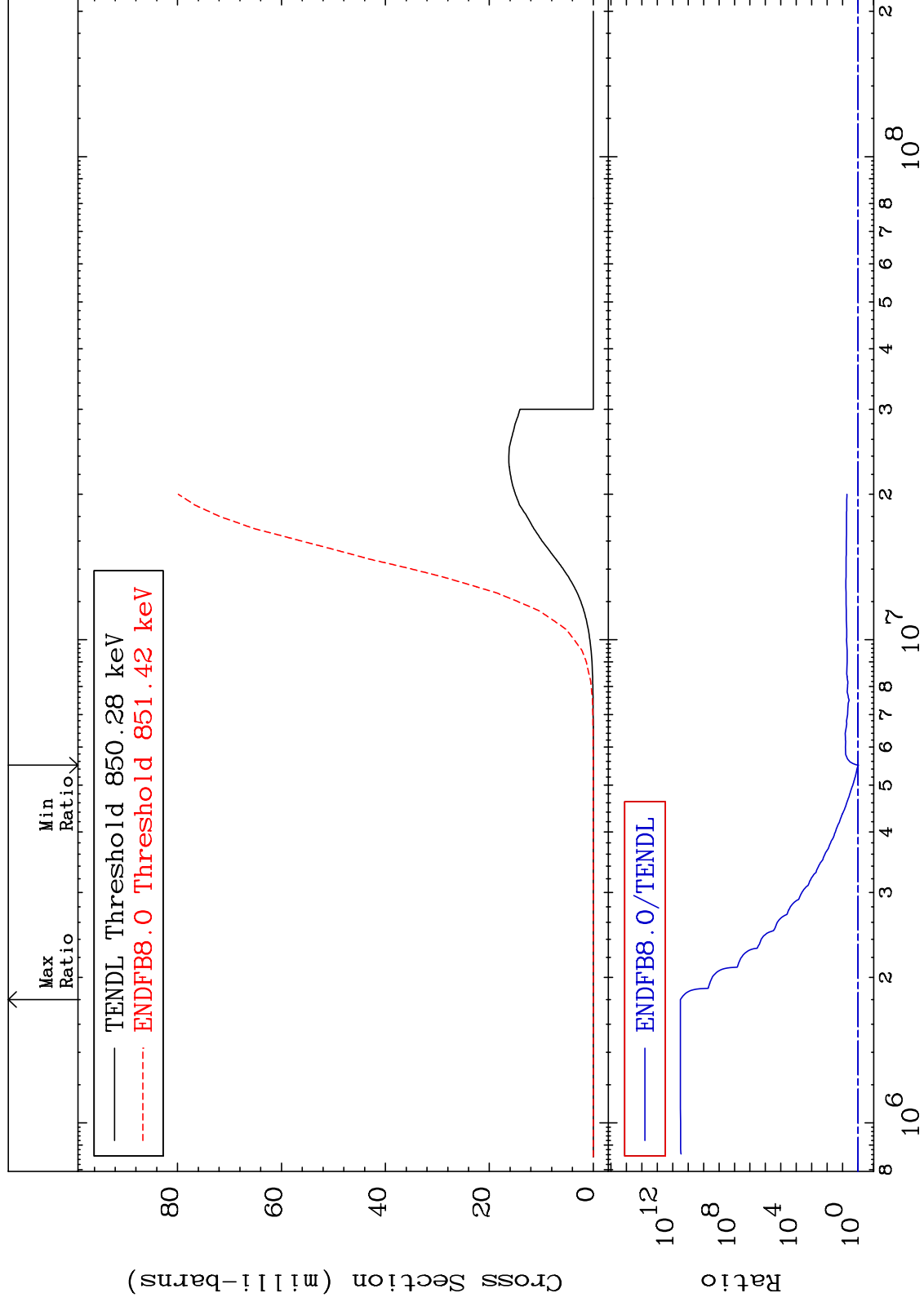
MAT 6337

(n,p)

63-Eu-155

Cross Section

-6.443 To 9999. %



17

Incident Energy (eV)

63-Eu-155

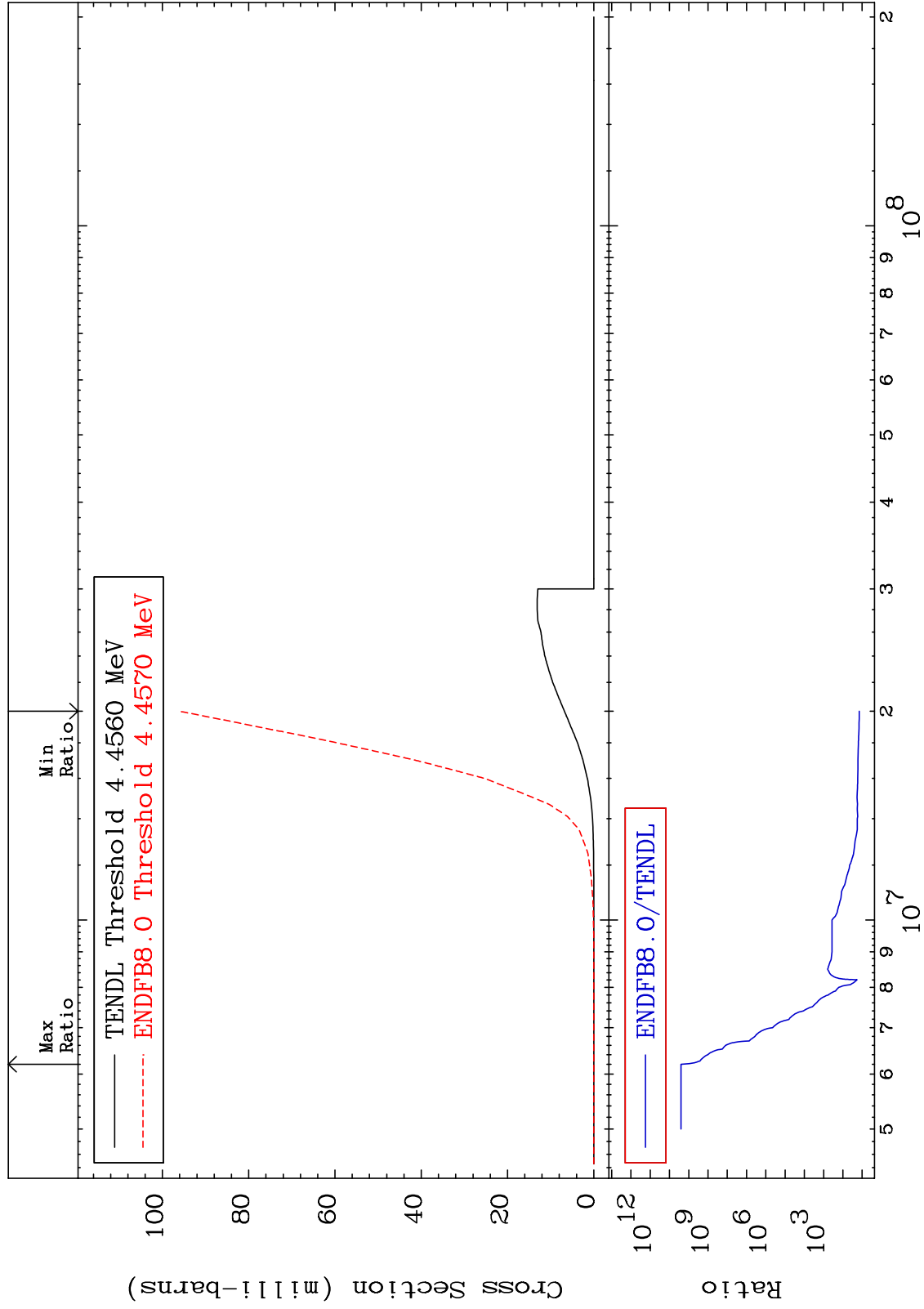
MAT 6337

(n, d)

63-Eu-155

Cross Section

1313. To 9999. %



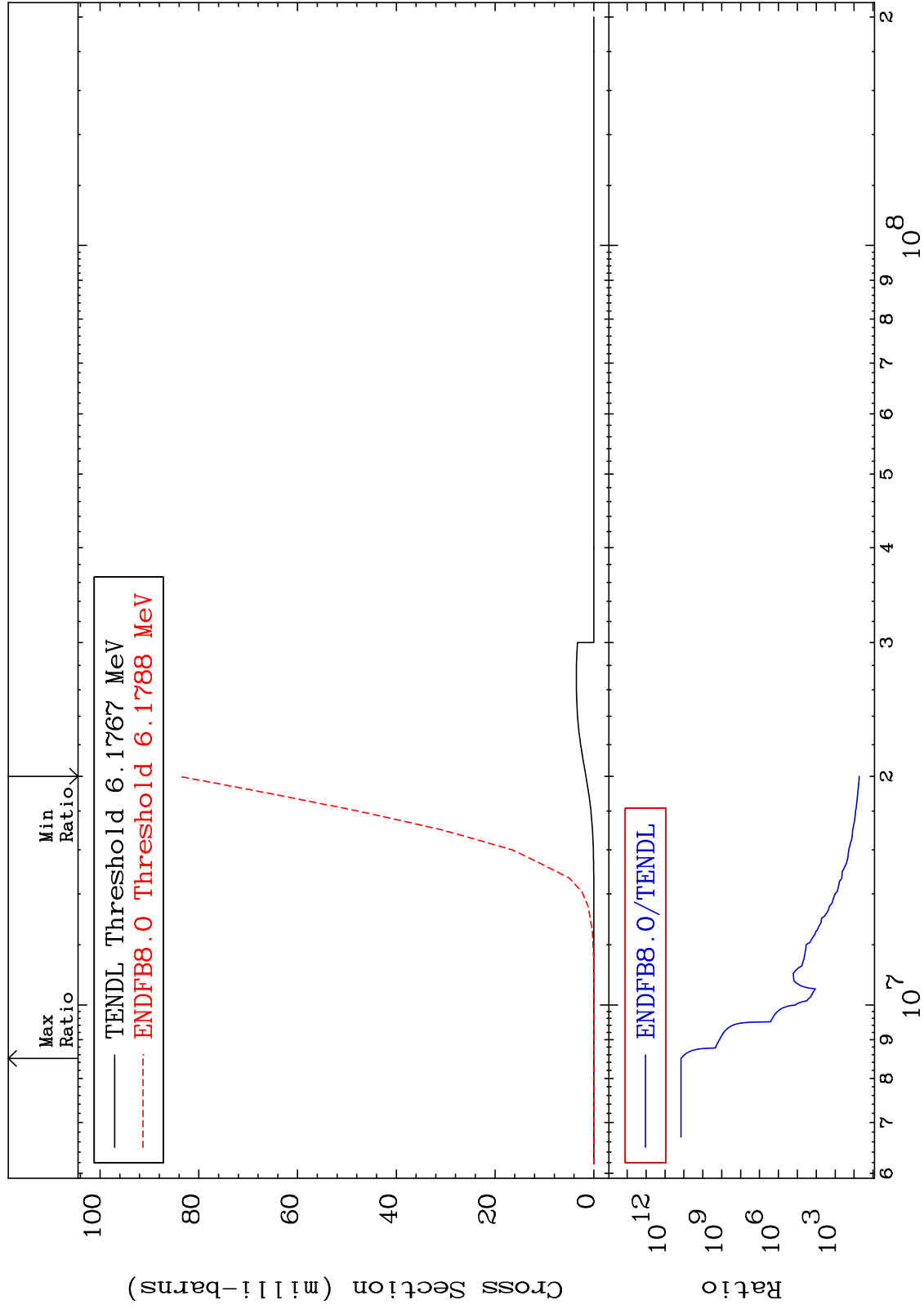
MAT 6337

(n, t)

63-Eu-155

Cross Section

5205. To 9999. %



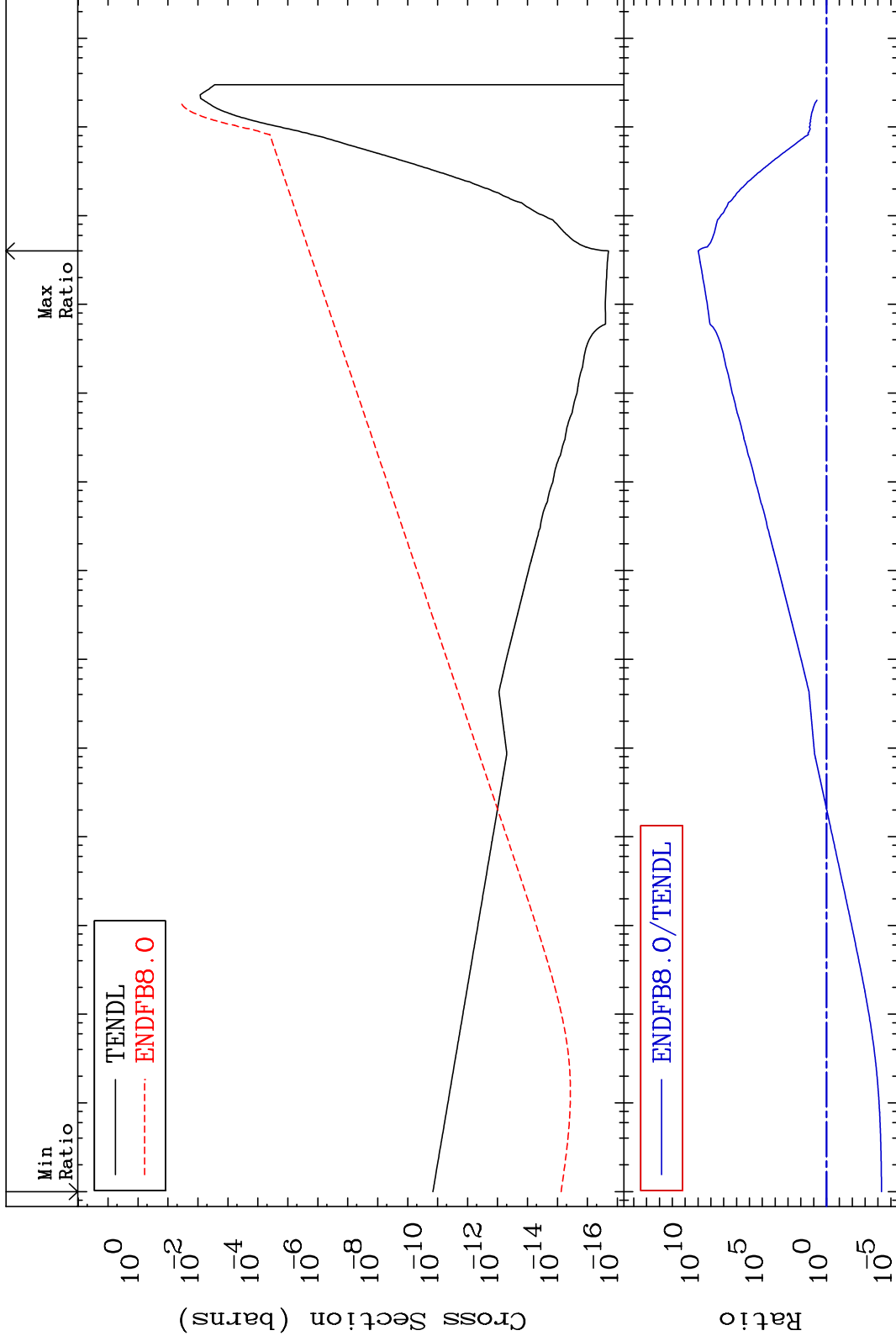
MAT 6337

(n,  $\alpha$ )

63-Eu-155

Cross Section

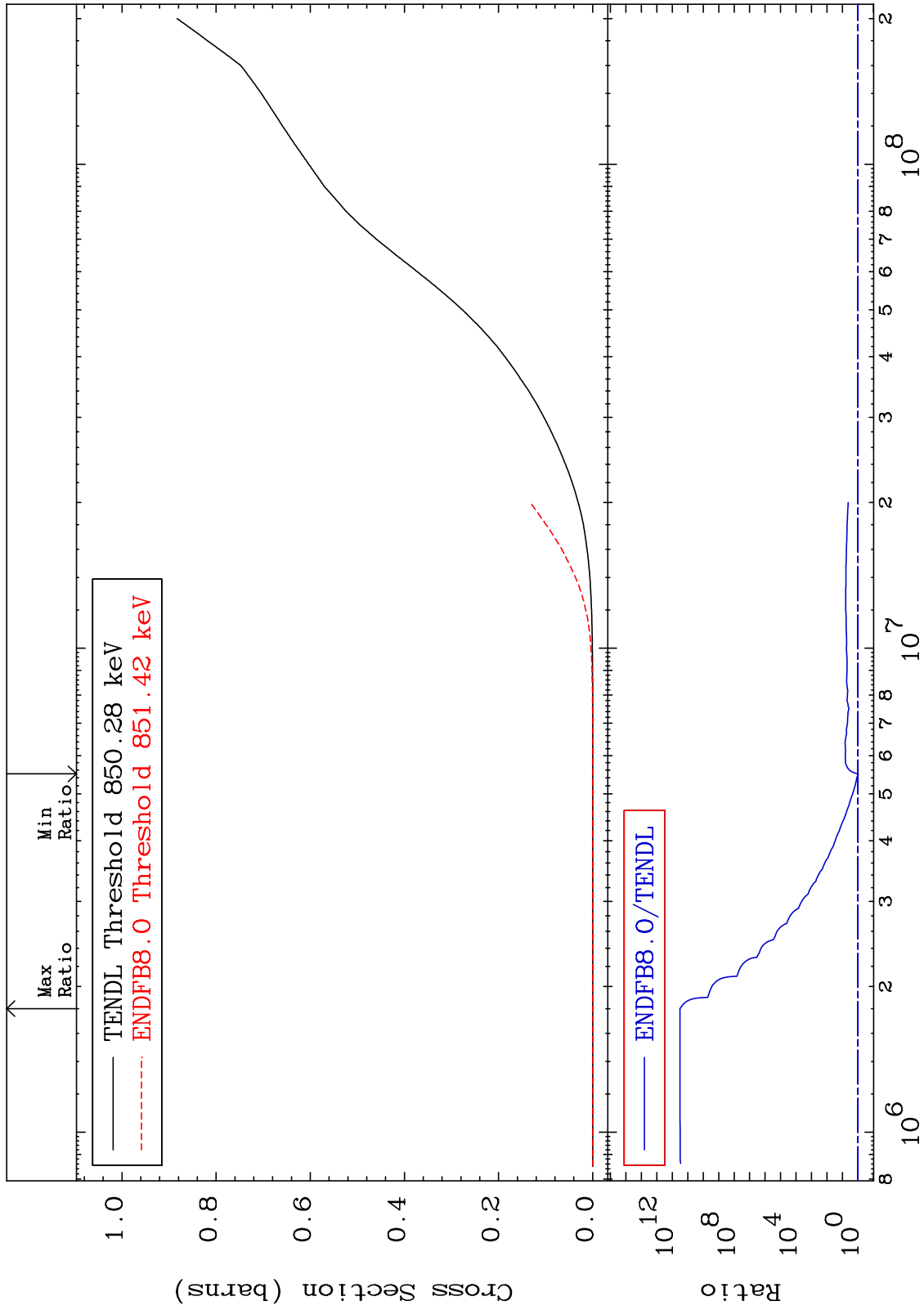
-99.99 To 9999. %



MAT 6337

Hydrogen Production  
Cross Section

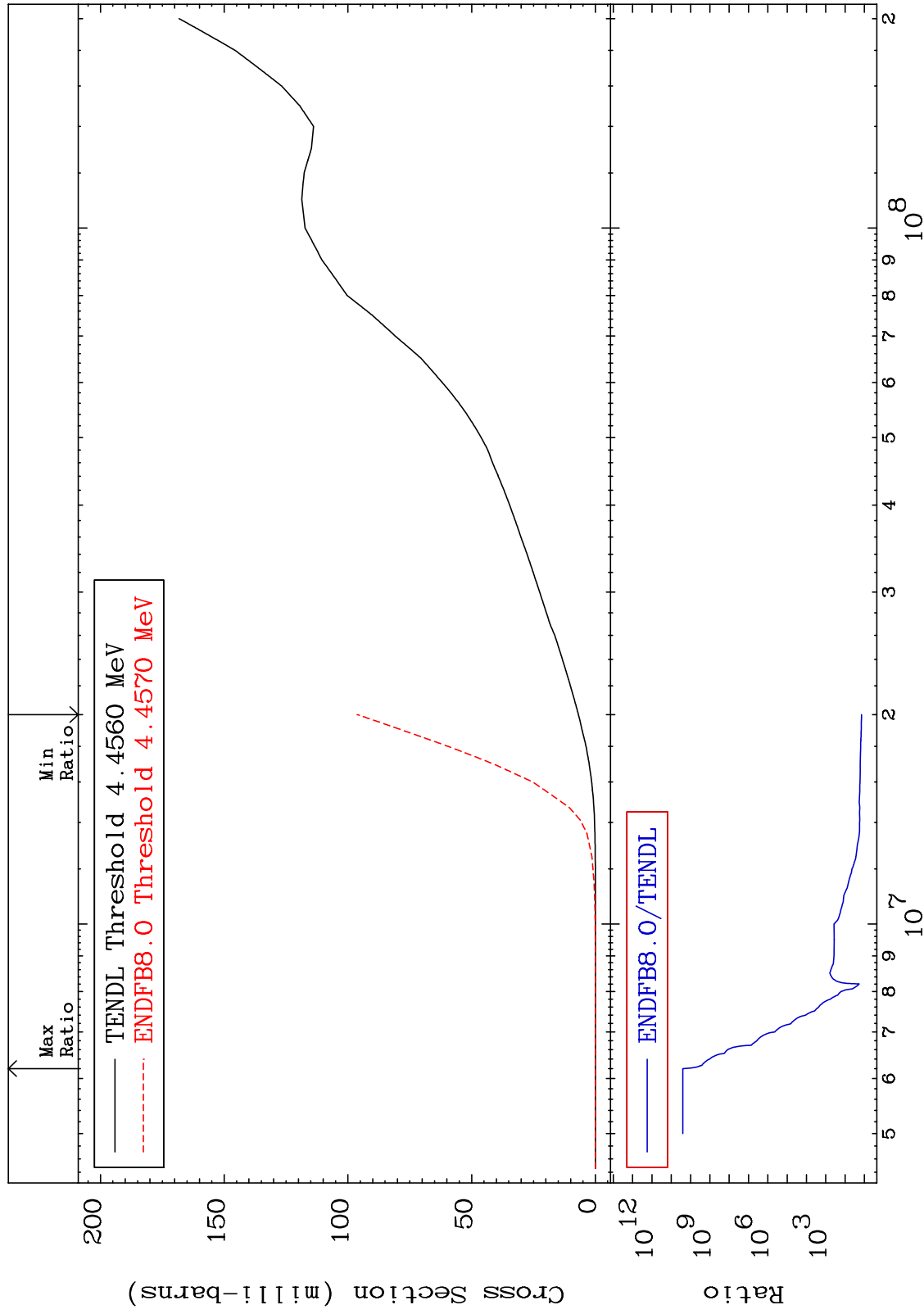
63-Eu-155  
-6.443 To 9999. %



MAT 6337

Deuterium Production  
Cross Section

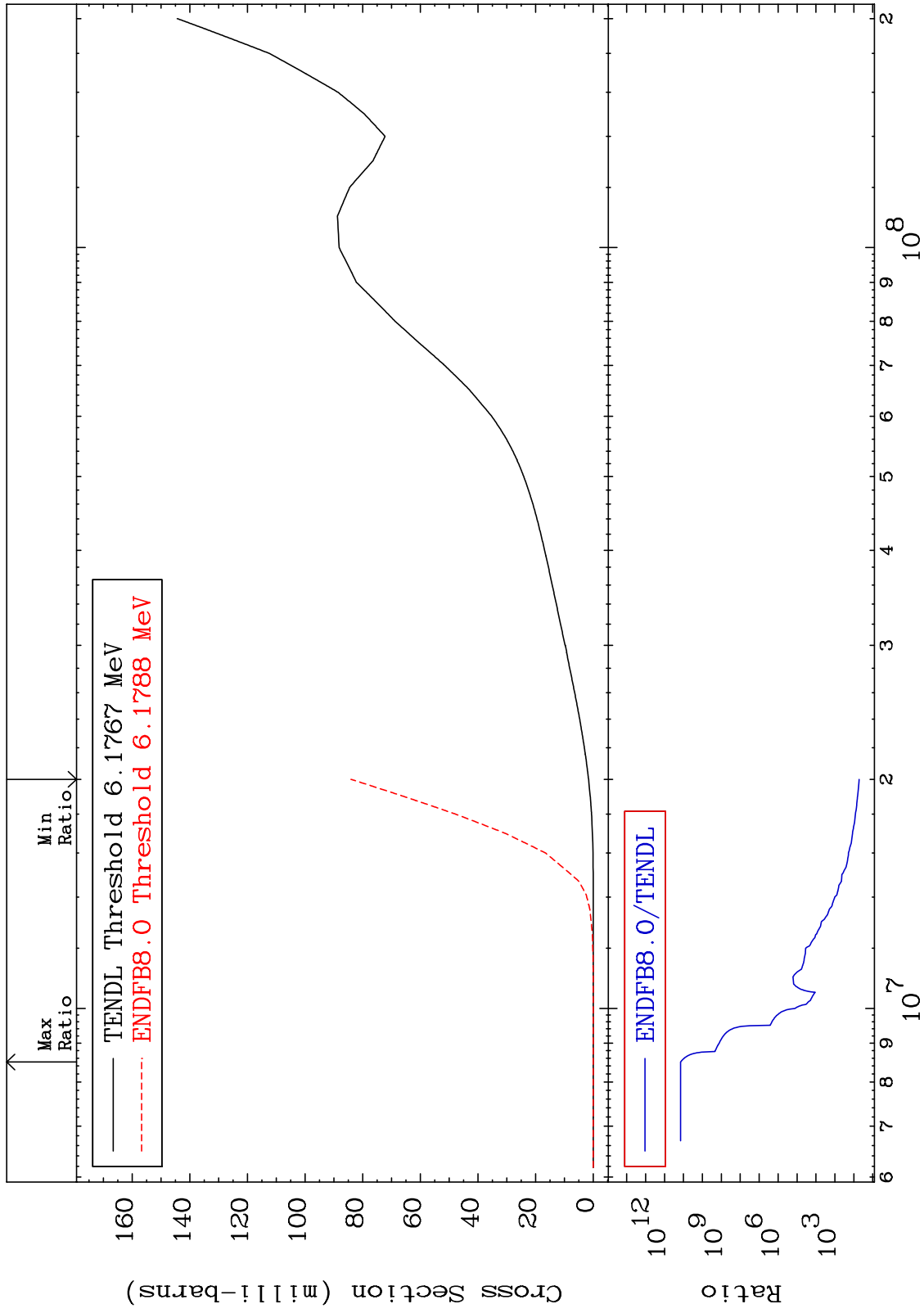
63-Eu-155  
1301. To 9999. %



MAT 6337

Tritium Production  
Cross Section

63-Eu-155  
5105. To 9999. %

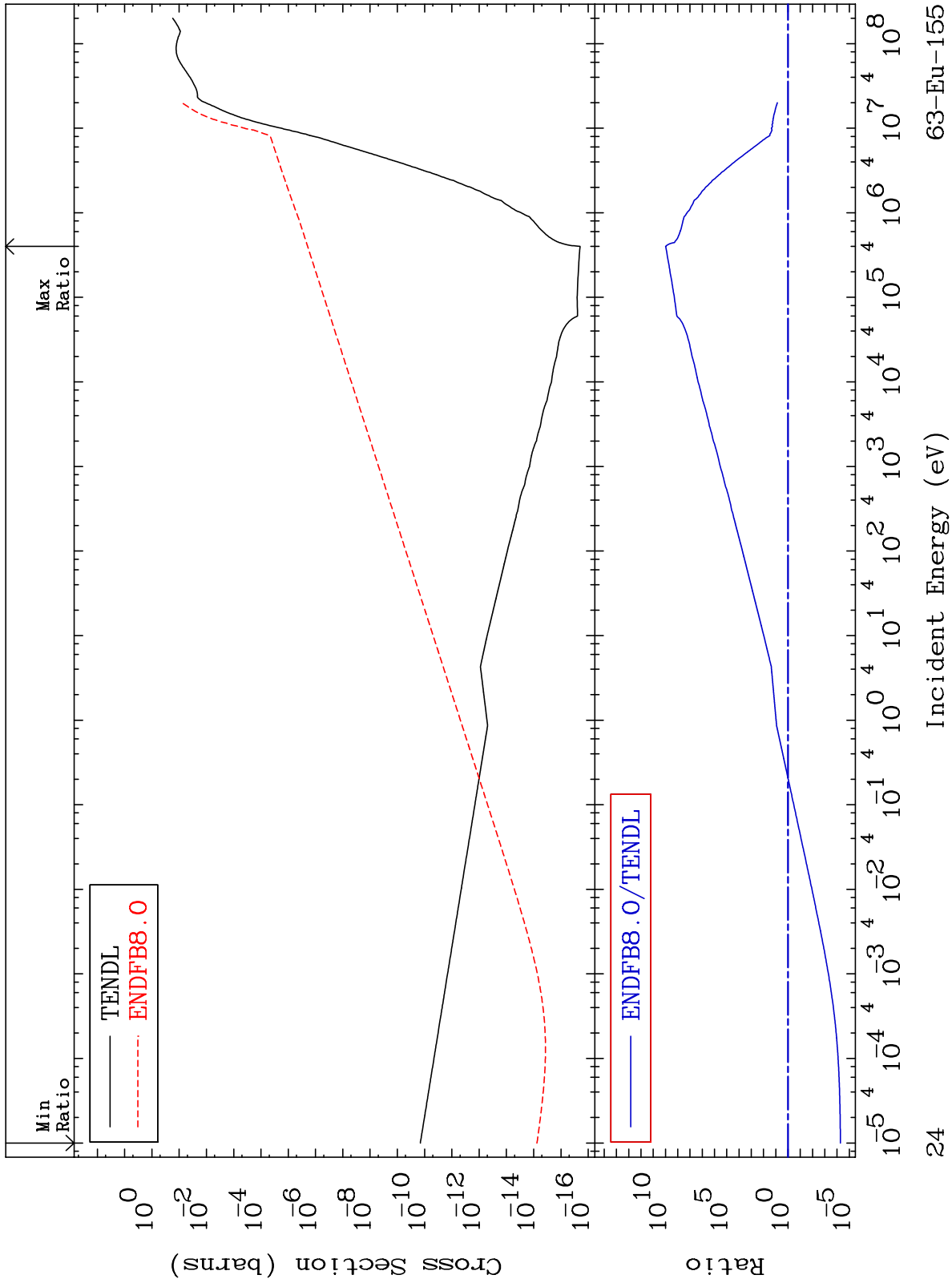




MAT 6337

He-4 Production  
Cross Section

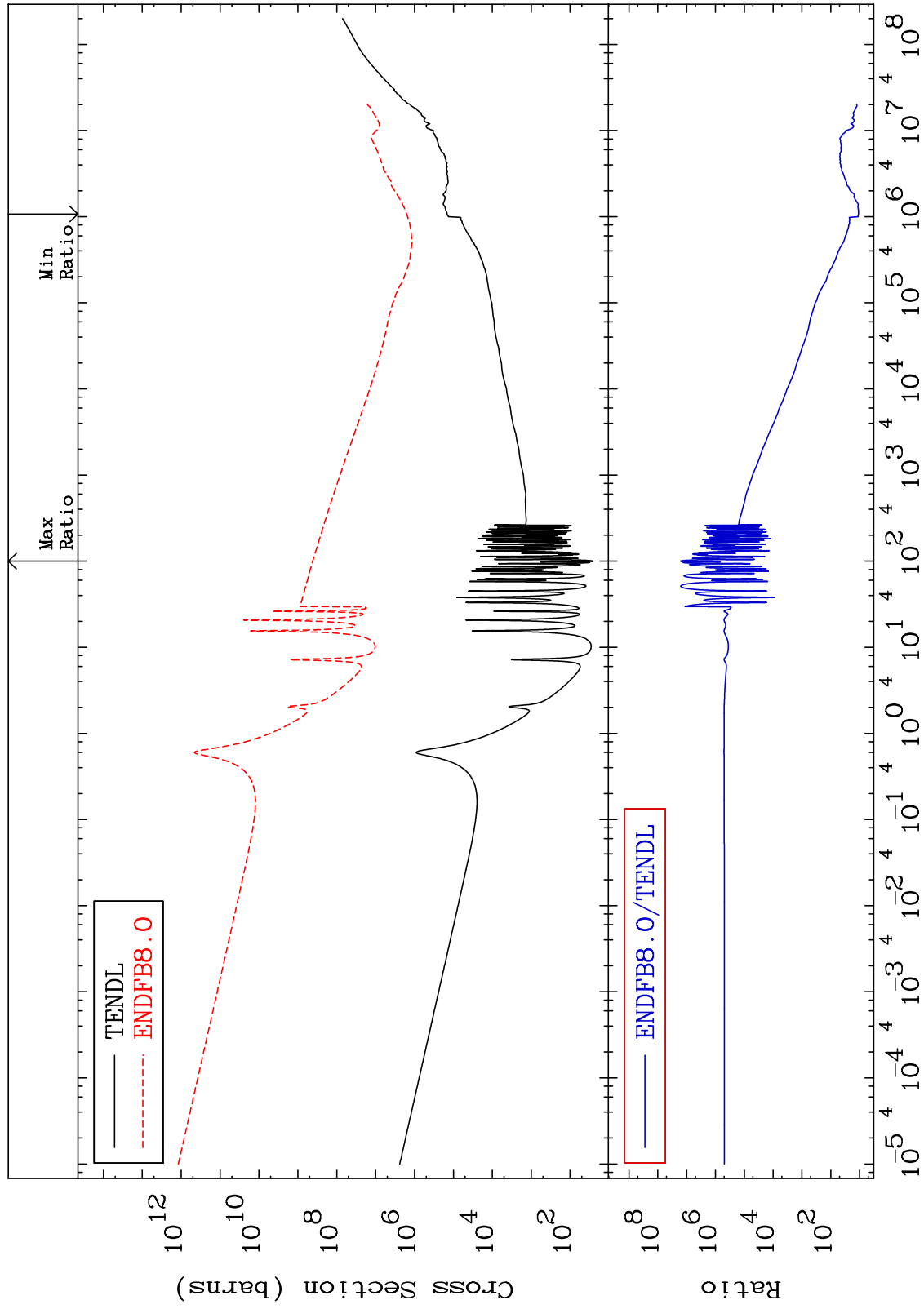
63-Eu-155  
-99.99 To 9999. %



MAT 6337

Kerma total (eV-barns)  
Cross Section

63-Eu-155  
992.9 To 9999. %



25

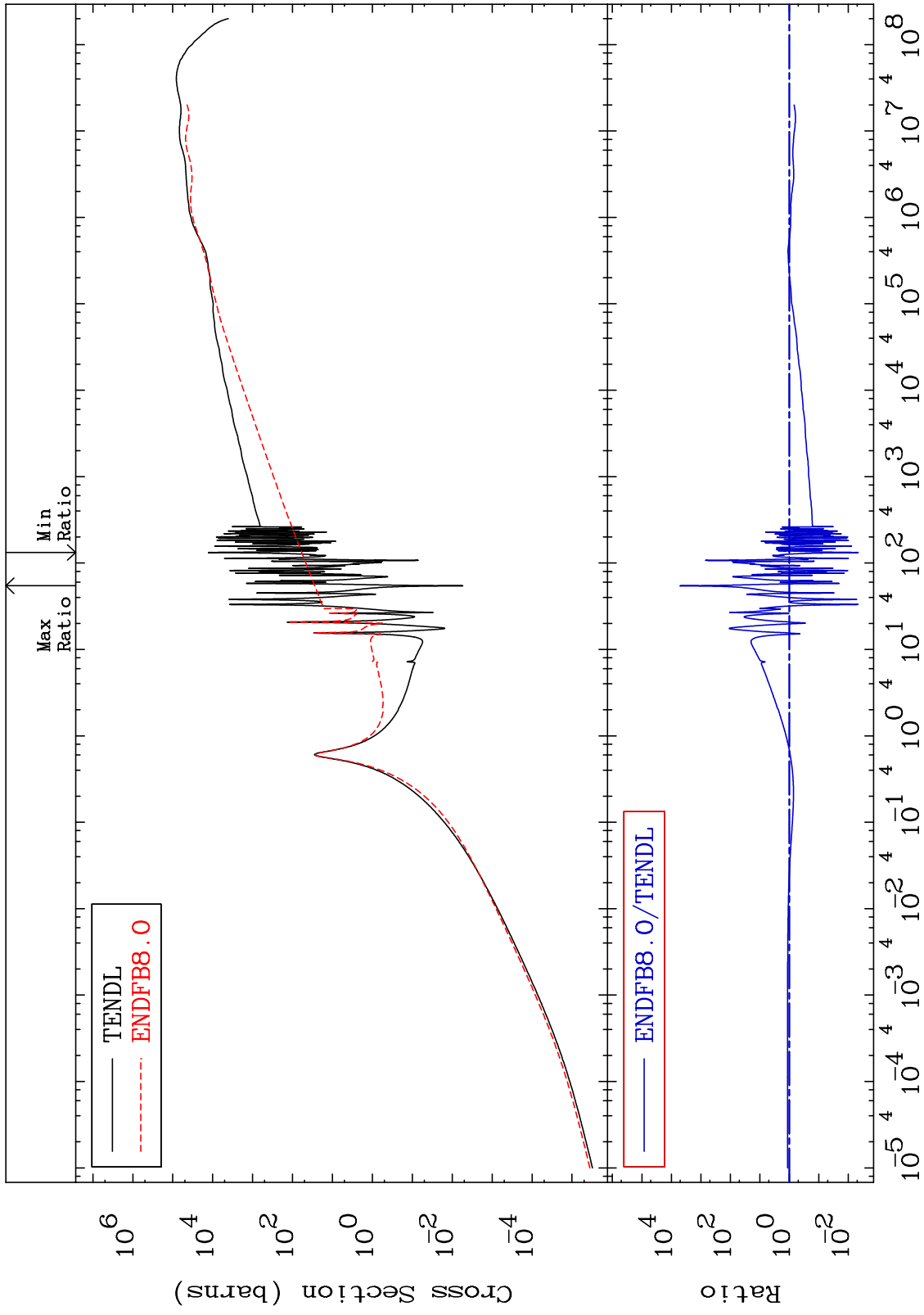
Incident Energy (eV)

63-Eu-155

MAT 6337

Kerma elastic  
Cross Section

63-Eu-155  
-99.54 To 9999. %



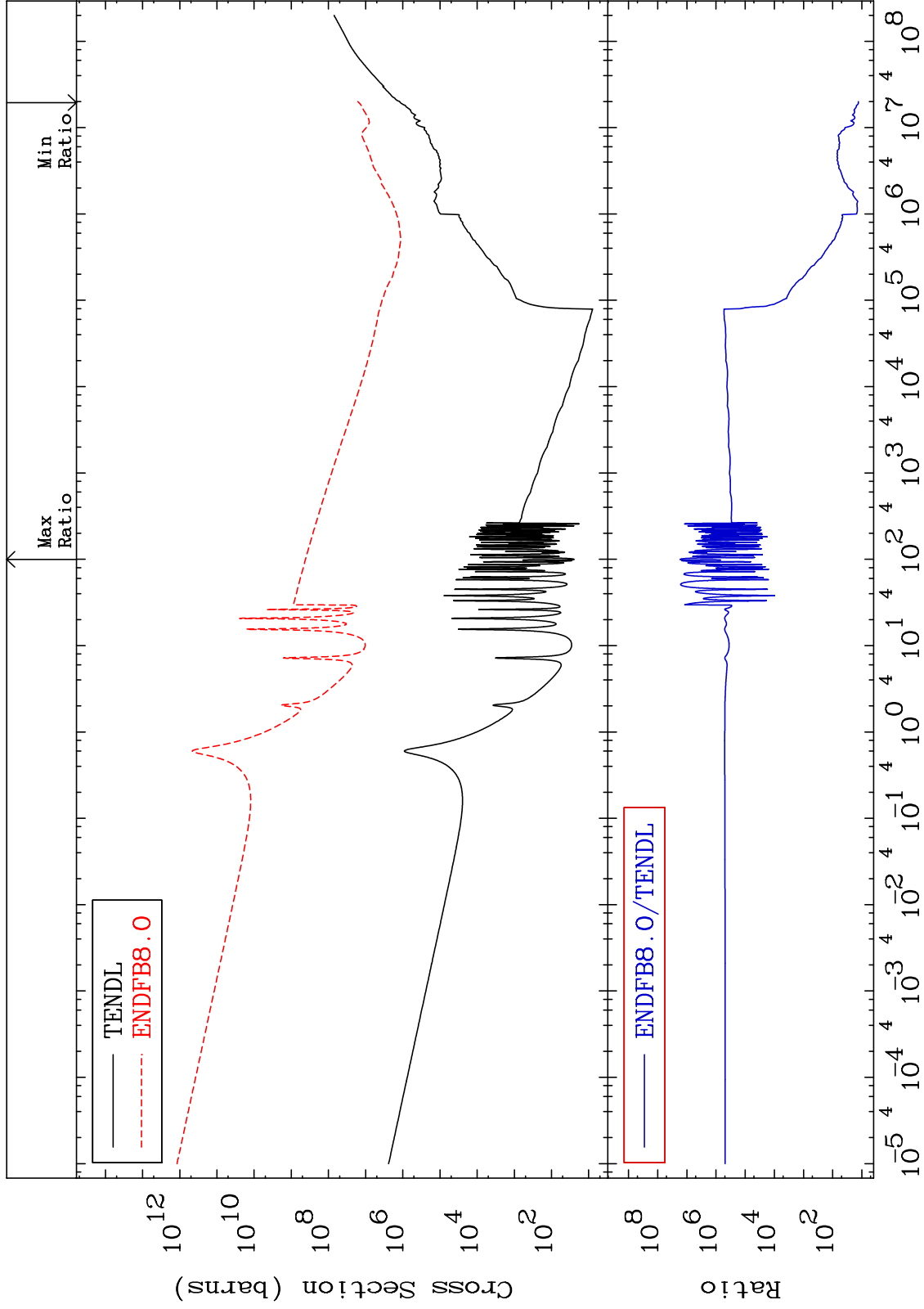
— TENDL  
- - - ENDFB8.0

— ENDFB8.0/TENDL

MAT 6337

Kerma non-elastic (all but mt2)  
Cross Section

63-Eu-155  
1212. To 9999. %



27

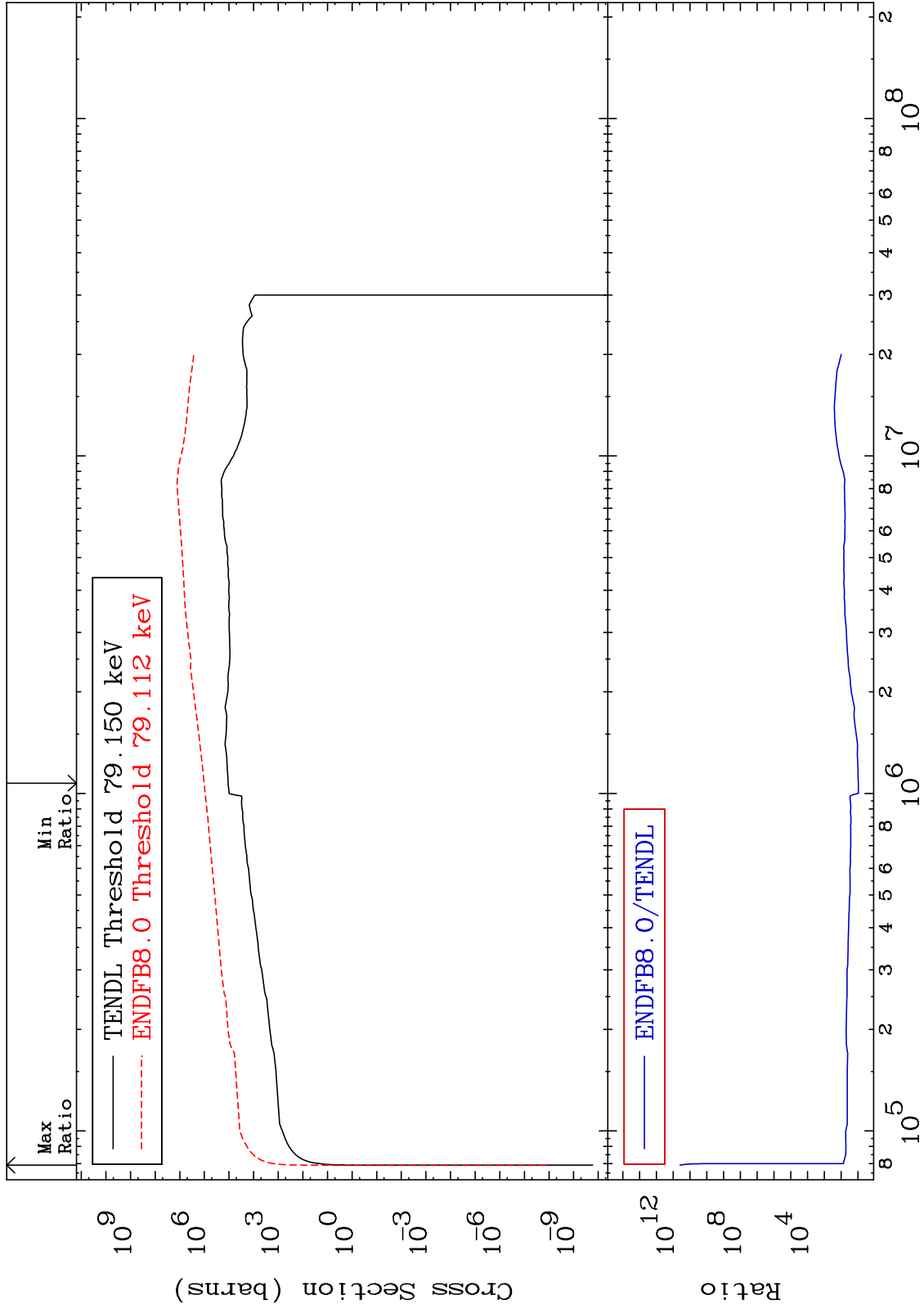
Incident Energy (eV)

63-Eu-155

MAT 6337

Kerma inelastic (mt51-91)  
Cross Section

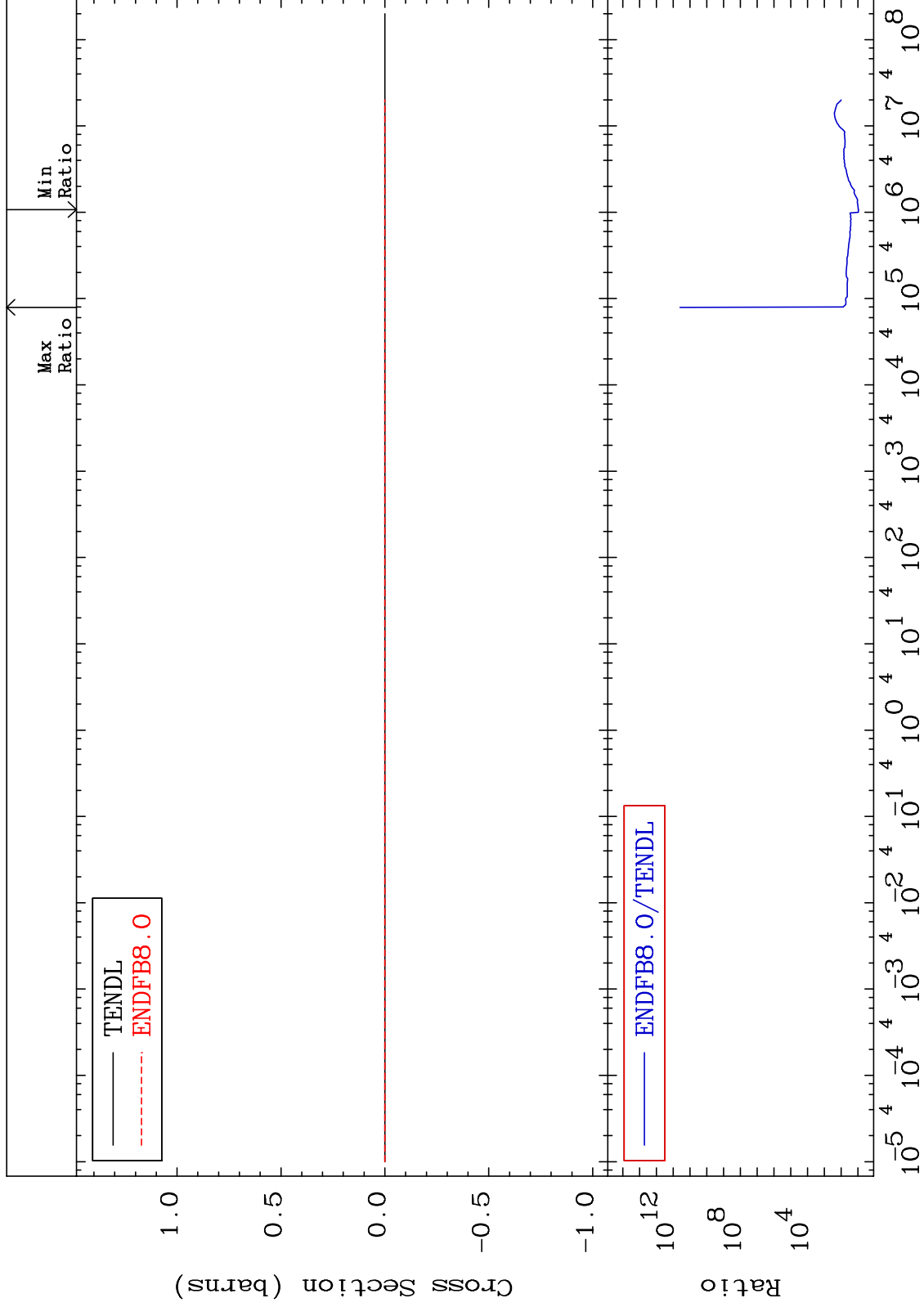
63-Eu-155  
835.0 To 9999. %



MAT 6337

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

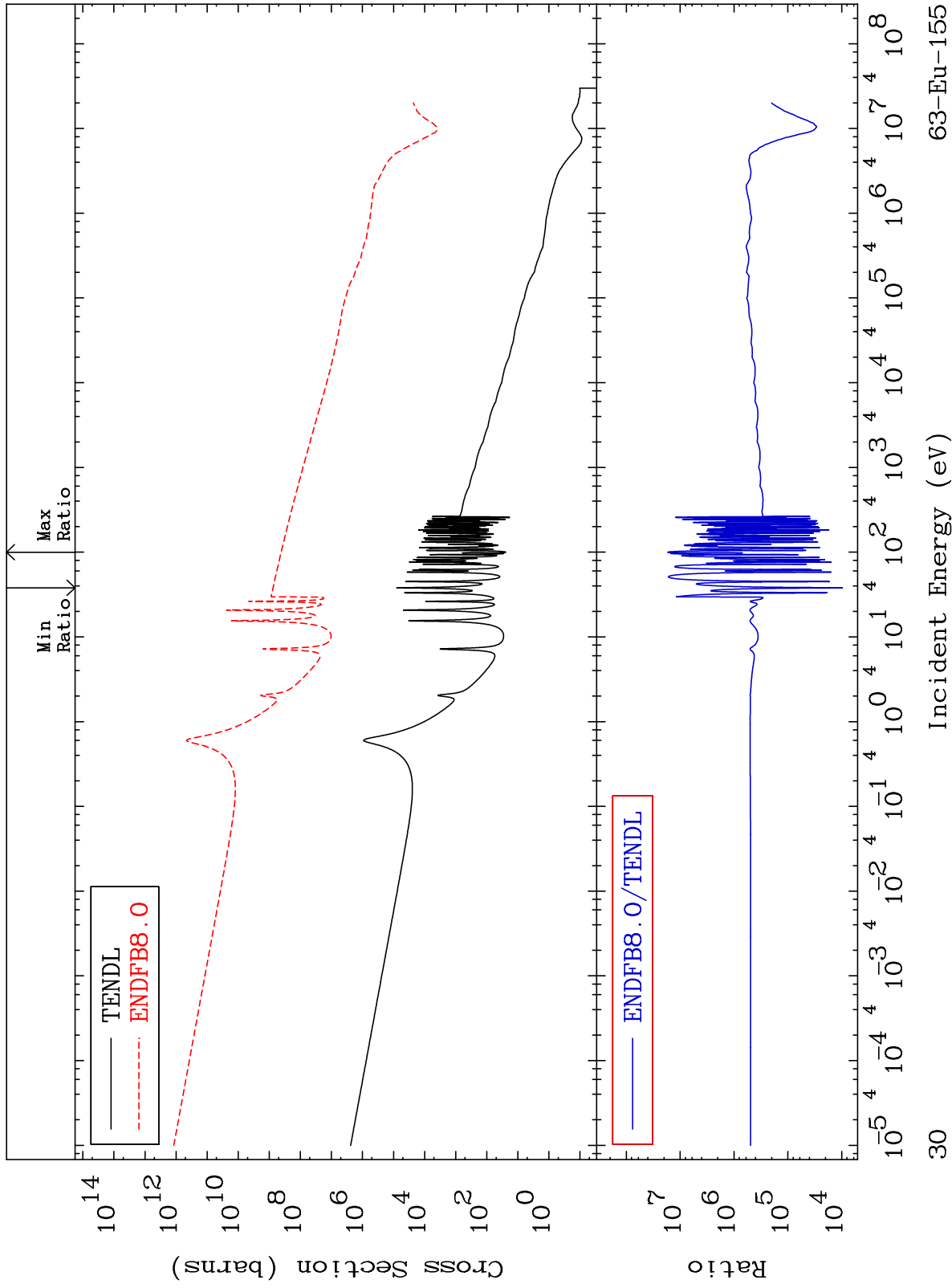
63-Eu-155  
835.0 To 9999. %



MAT 6337

Kerma capture (mt102)  
Cross Section

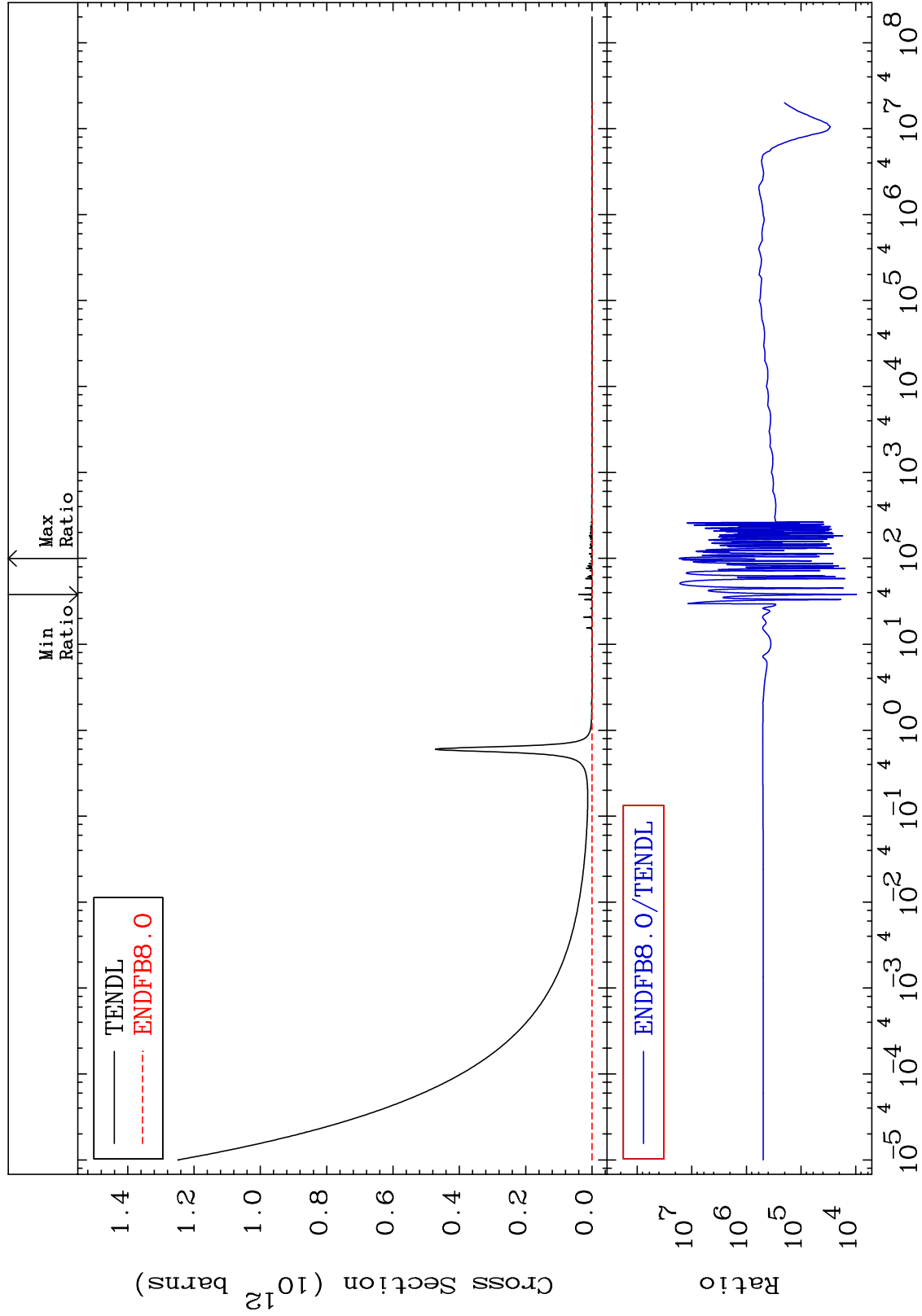
63-Eu-155  
9999. To 9999. %



MAT 6337

Total photon (eV-barns)  
Cross Section

63-Eu-155  
9999. To 9999. %

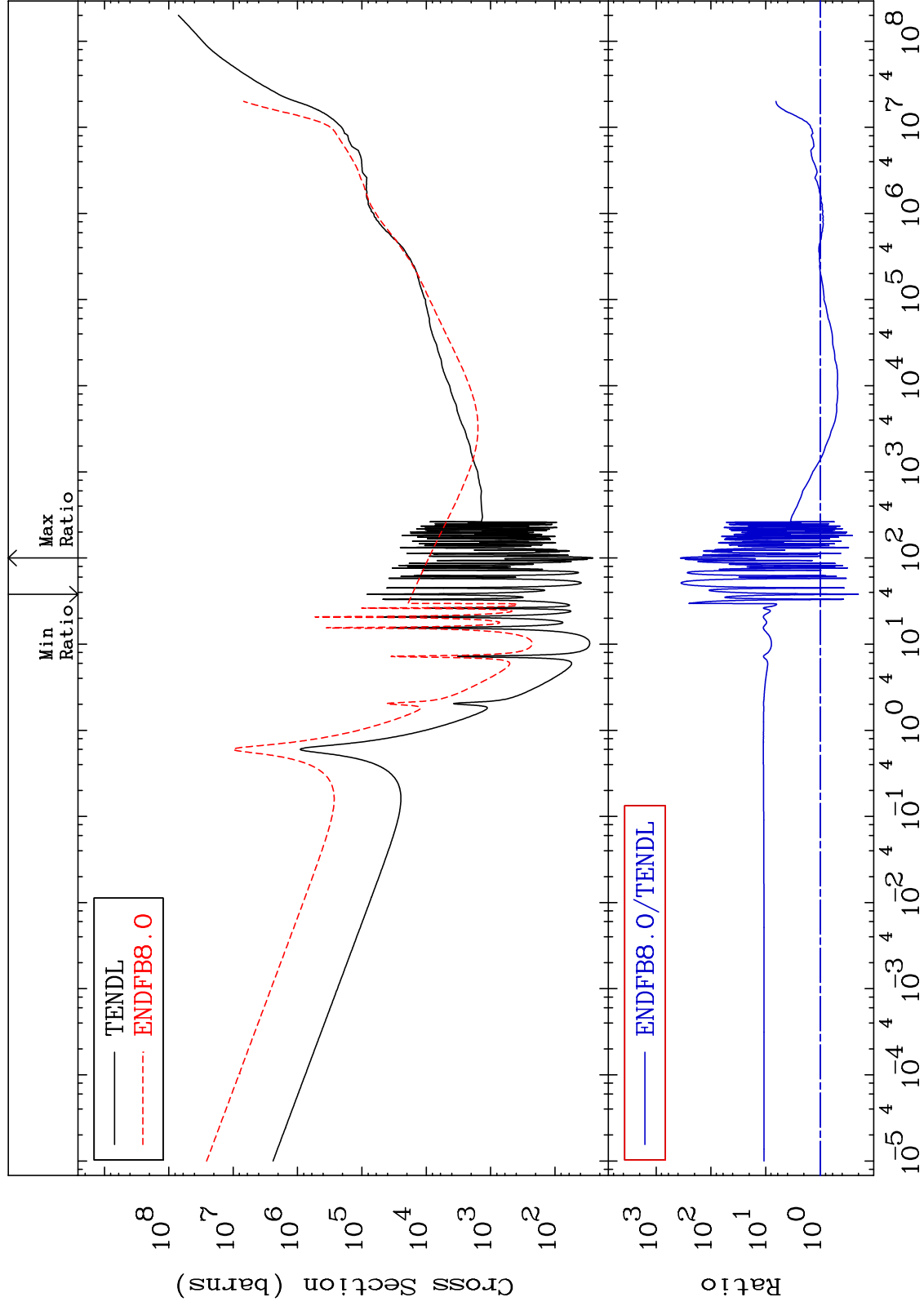




MAT 6337

Total kinematic kerma (high limit)  
Cross Section

63-Eu-155  
-79.96 To 9999. %



32

Incident Energy (eV)

63-Eu-155

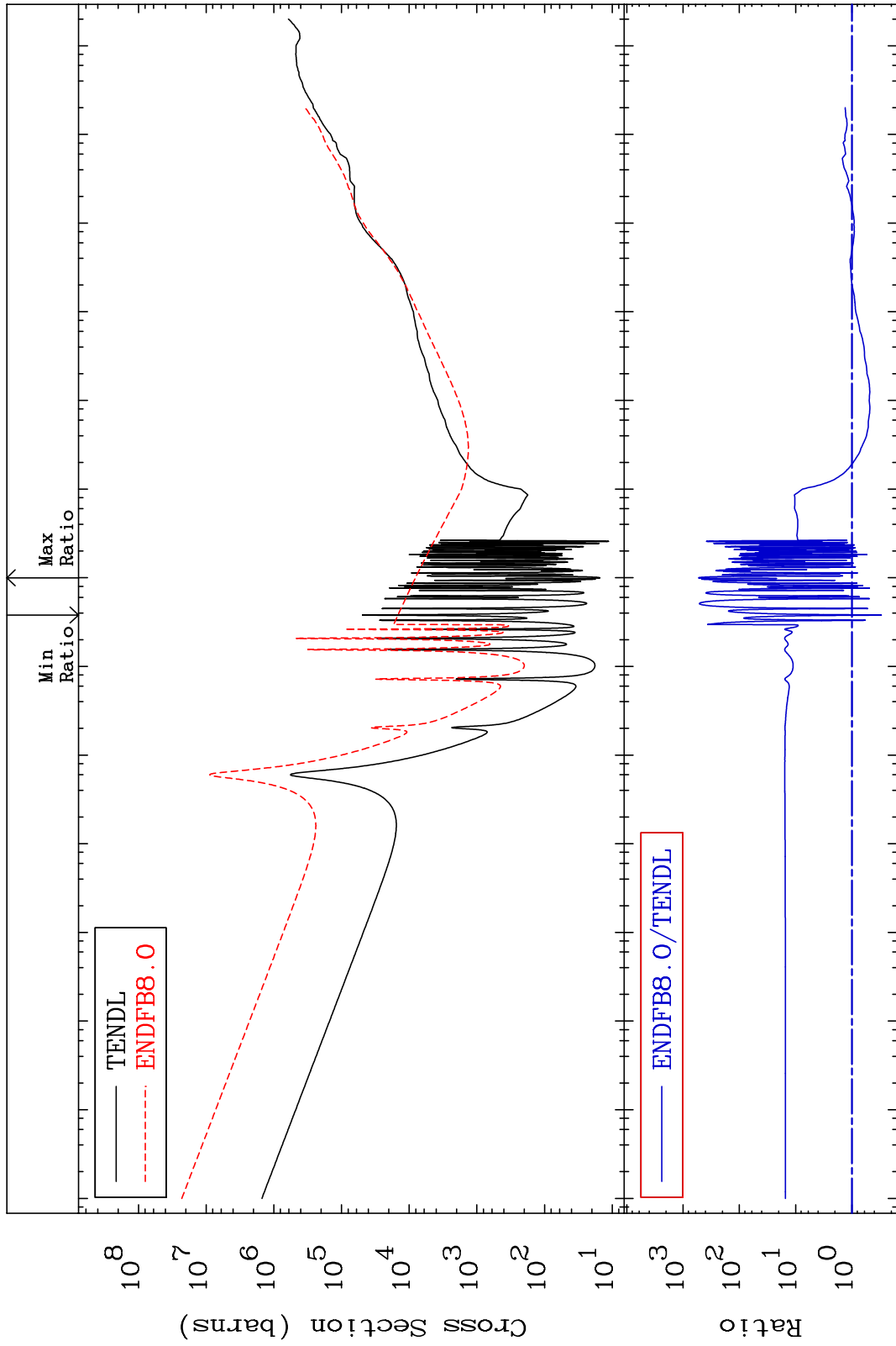
MAT 6337

Dpa total (eV-barns)

63-Eu-155

-70.17 To 9999. %

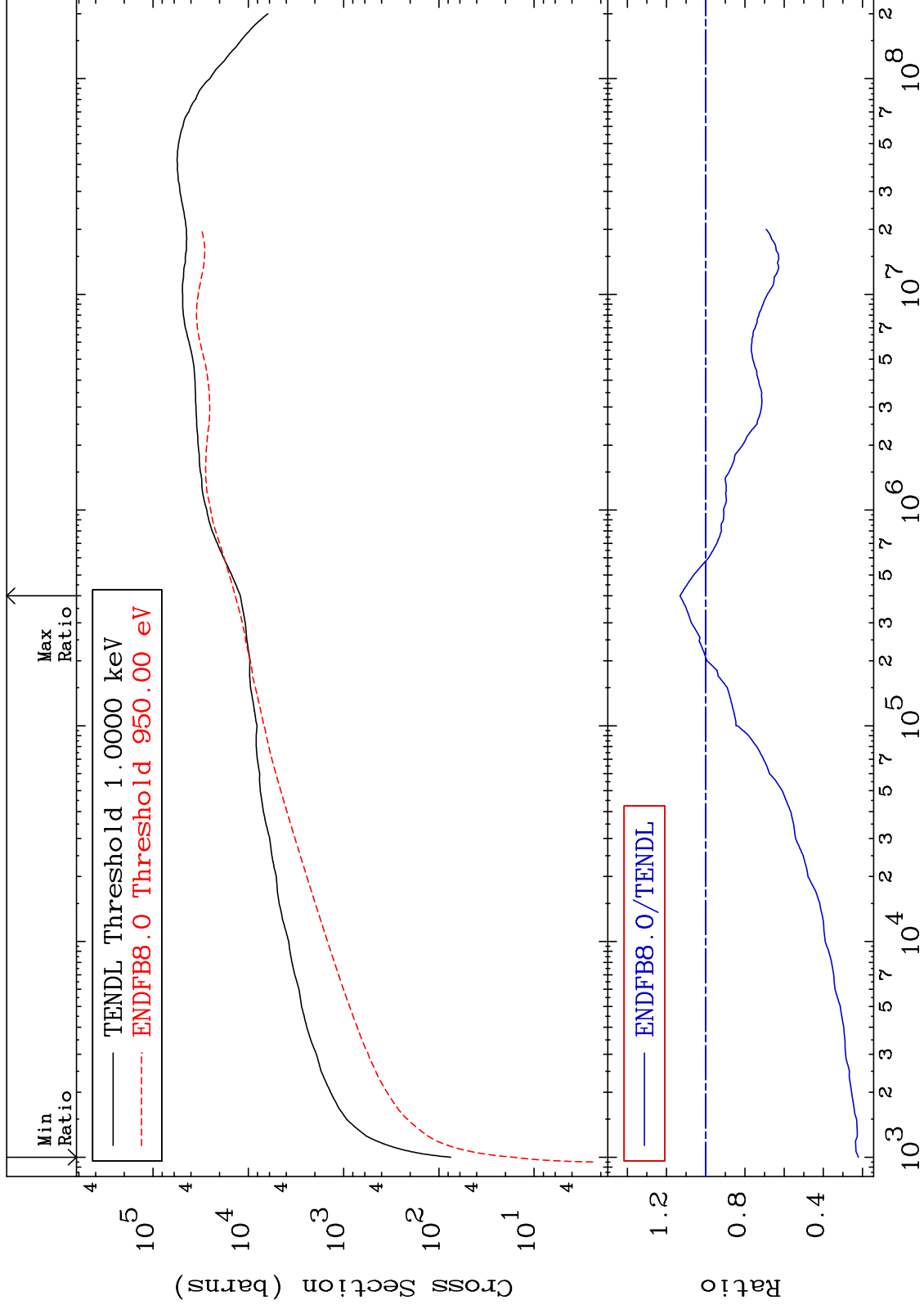
Cross Section



MAT 6337

Dpa elastic (mt2)  
Cross Section

63-Eu-155  
-77.89 To 13.11 %



34

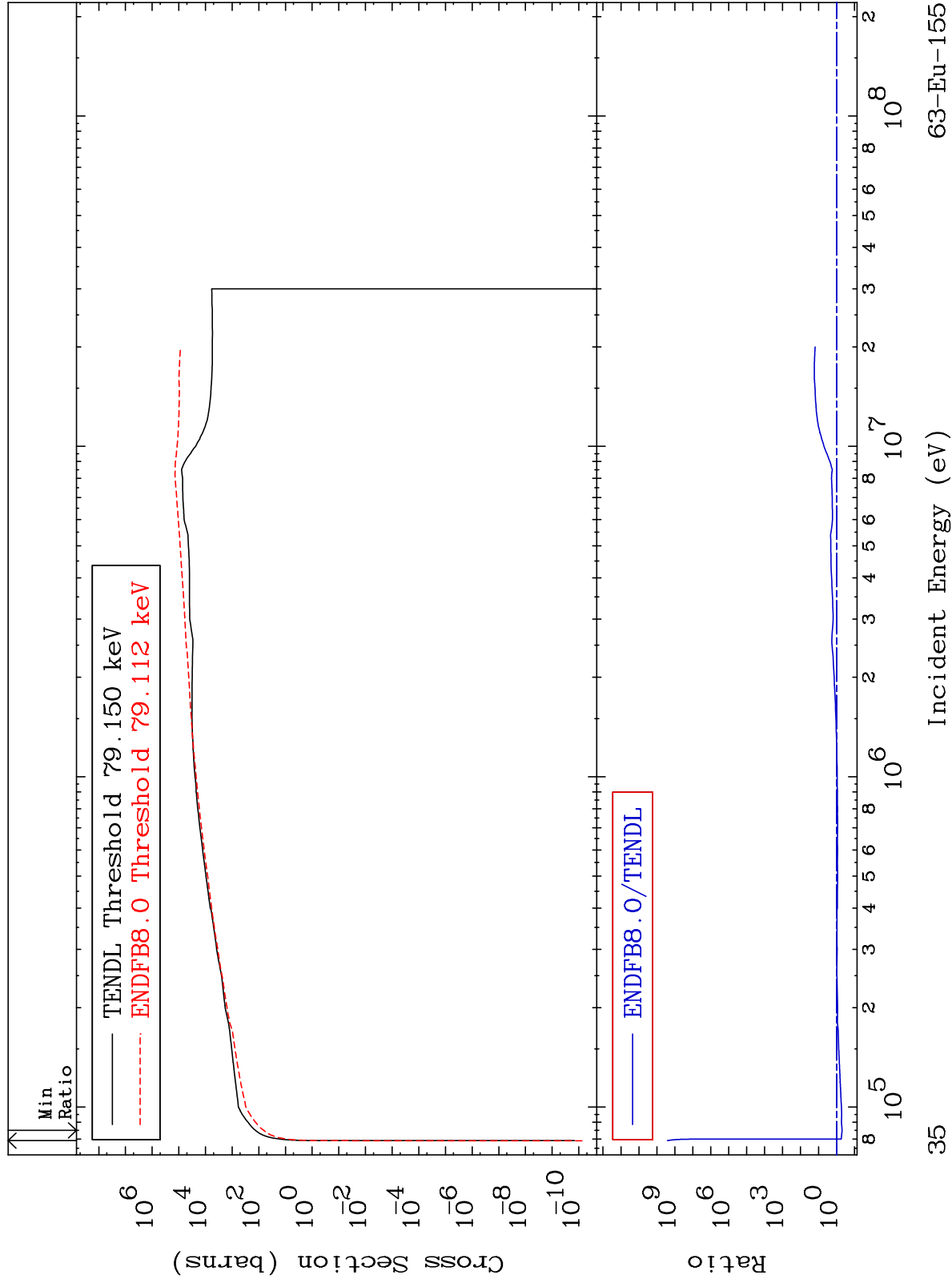
Incident Energy (eV)

63-Eu-155

MAT 6337

Dpa inelastic (mt51-91)  
Cross Section

63-Eu-155  
-51.70 To 9999. %



MAT 6337

Dpa disappearance (mt102 -120)  
Cross Section

63-Eu-155  
-70.17 To 9999. %

