

Program Complot  
(Version 2018-1)

by

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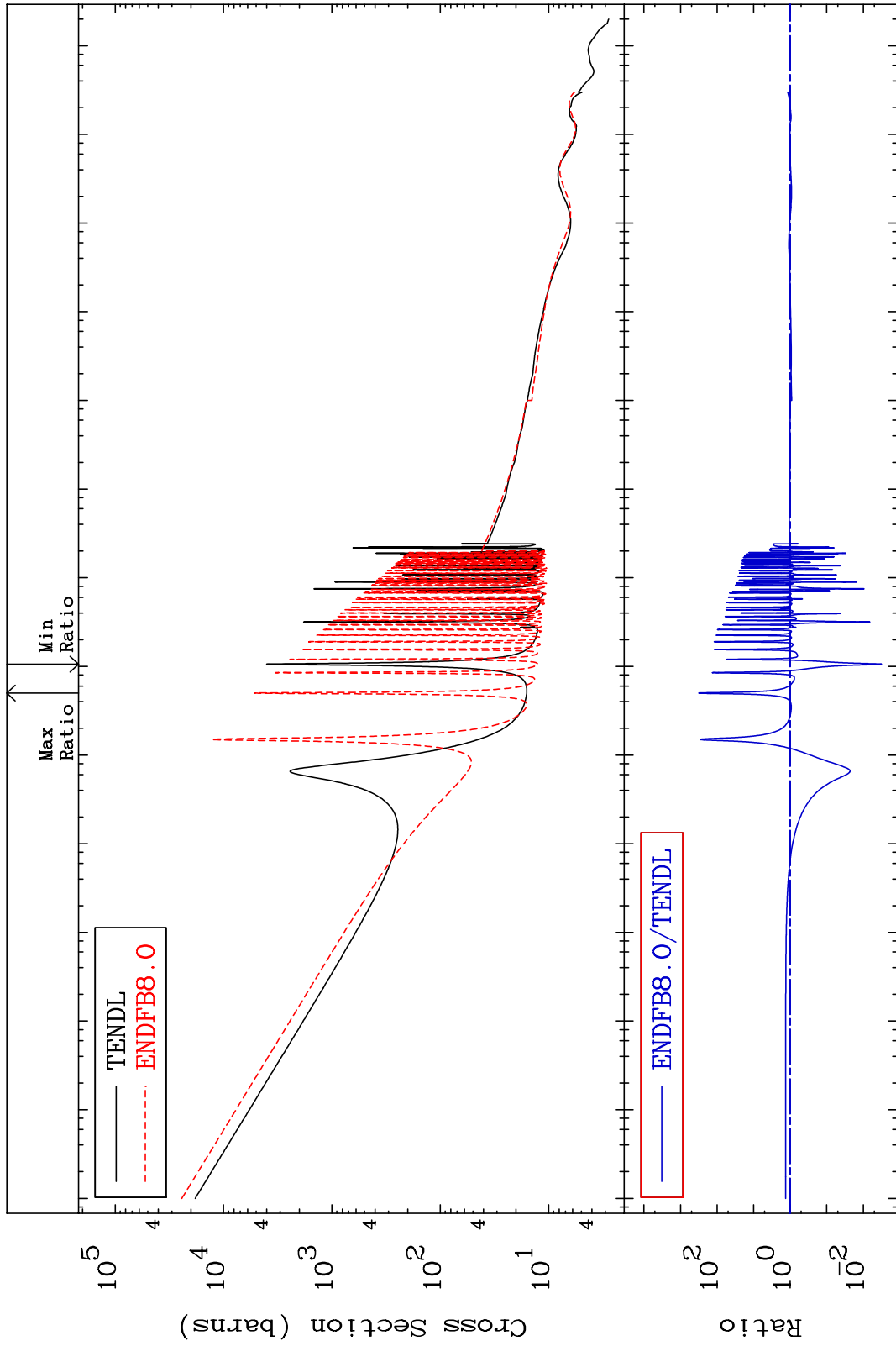
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9234

Total  
Cross Section

92-U -237  
-99.68 To 9999. %



92-U -237

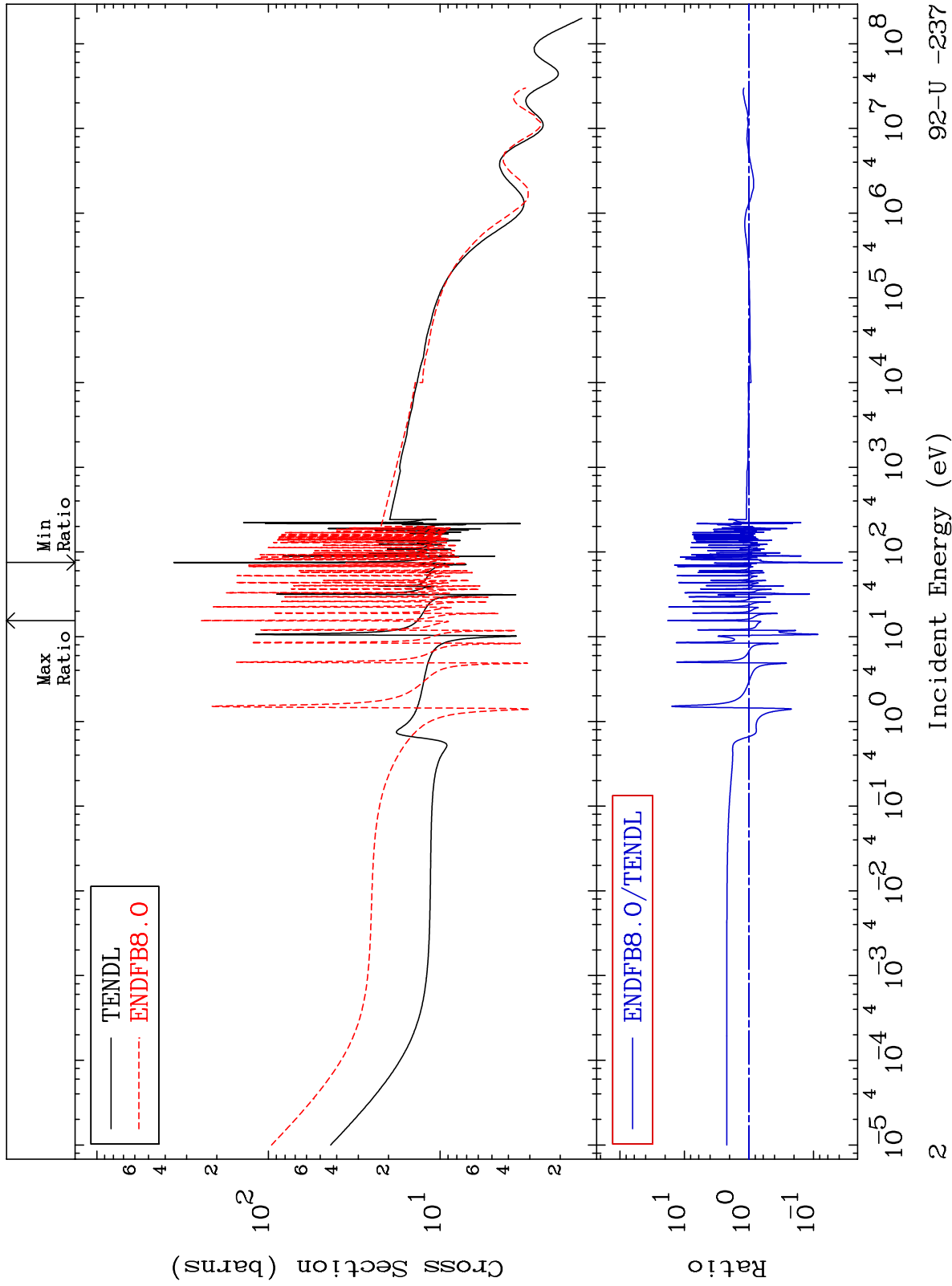
Incident Energy (eV)

1

MAT 9234

92-U -237  
-96.47 To 1728. %

Elastic  
Cross Section



92-U -237

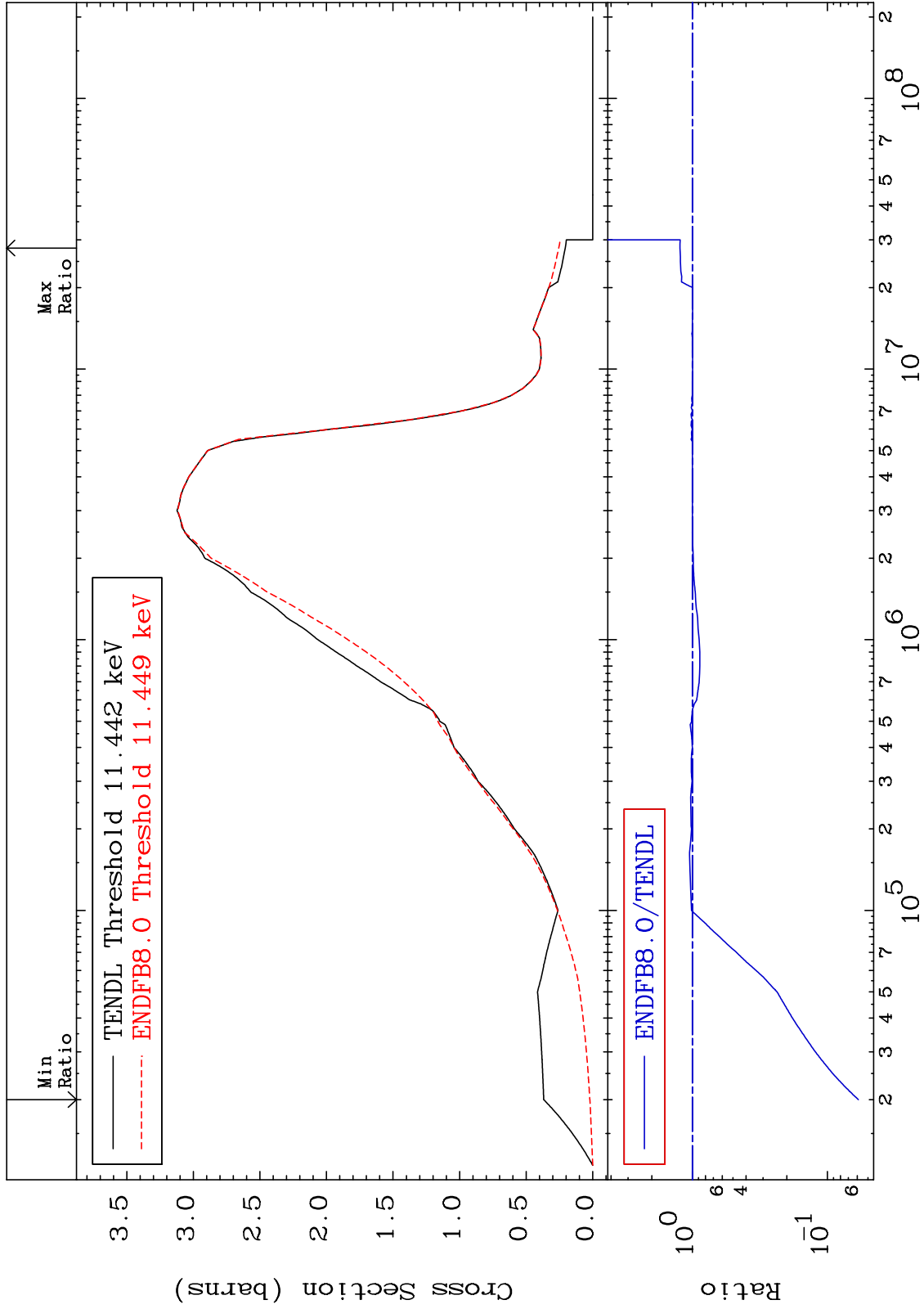
Incident Energy (eV)

2

MAT 9234

Inelastic  
Cross Section

92-U -237  
-94.11 To 23.49 %



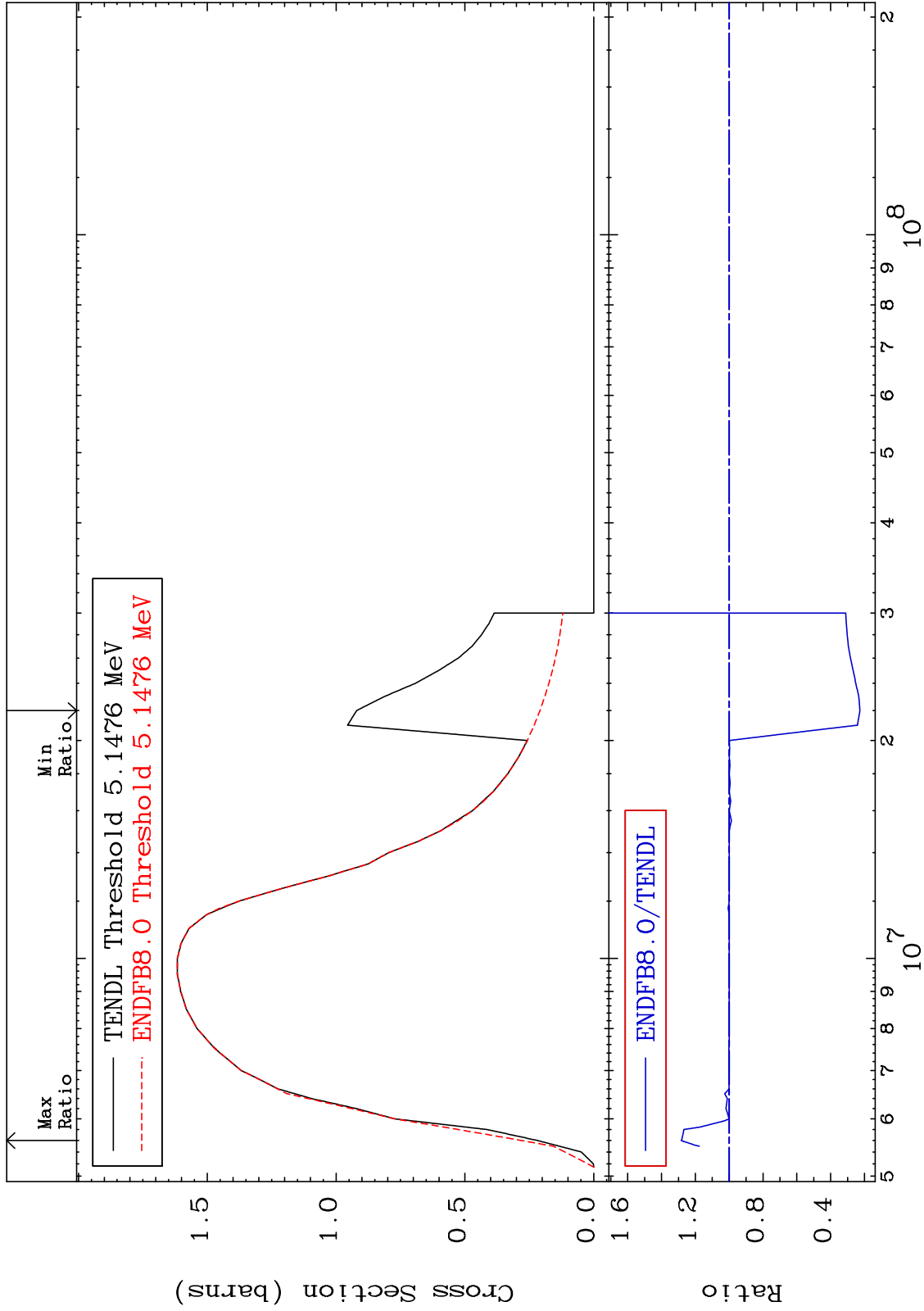
MAT 9234

(n,2n)

92-U -237

Cross Section

-77.31 To 28.36 %



4

Incident Energy (eV)

92-U -237

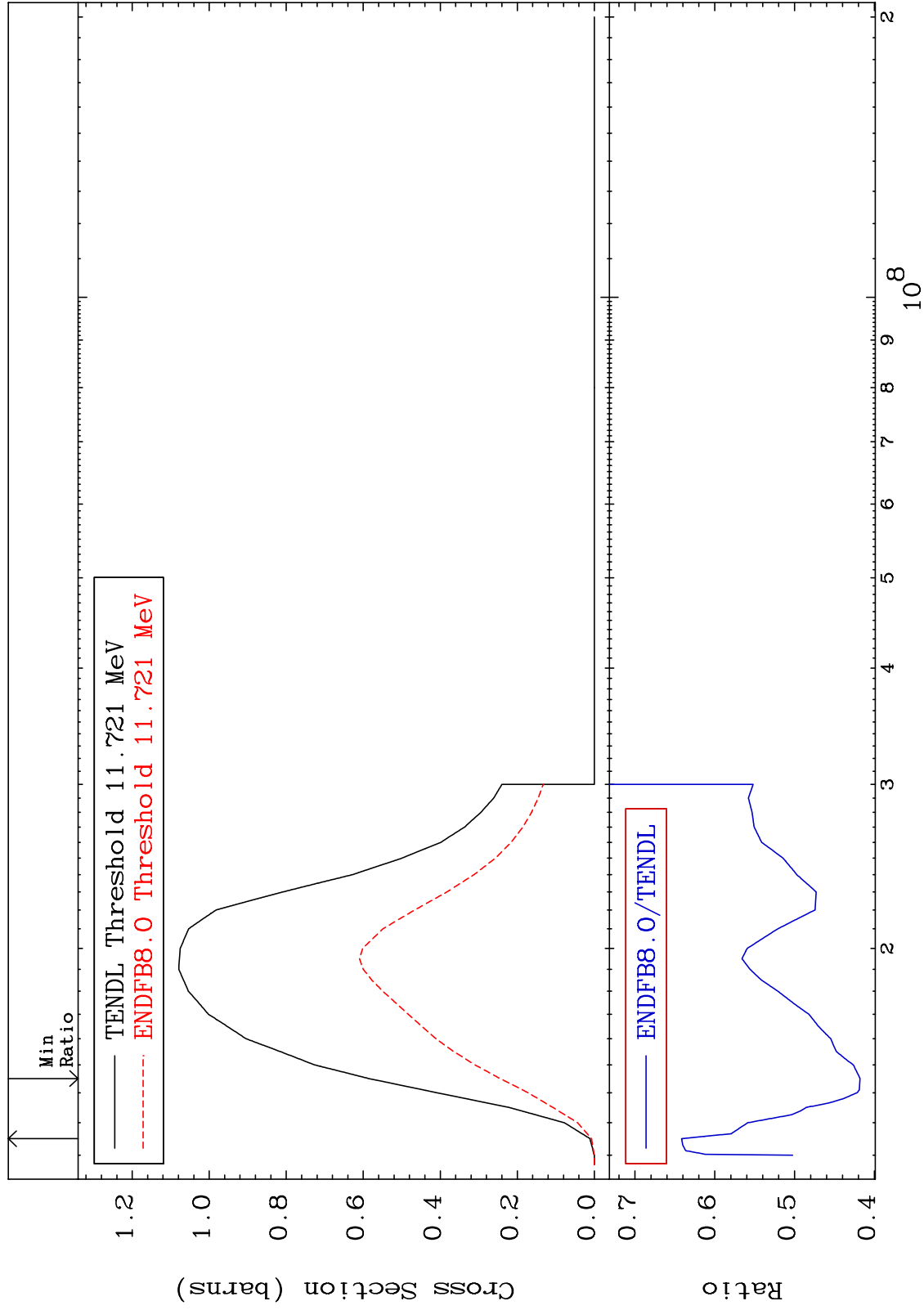
MAT 9234

(n, 3n)

92-U -237

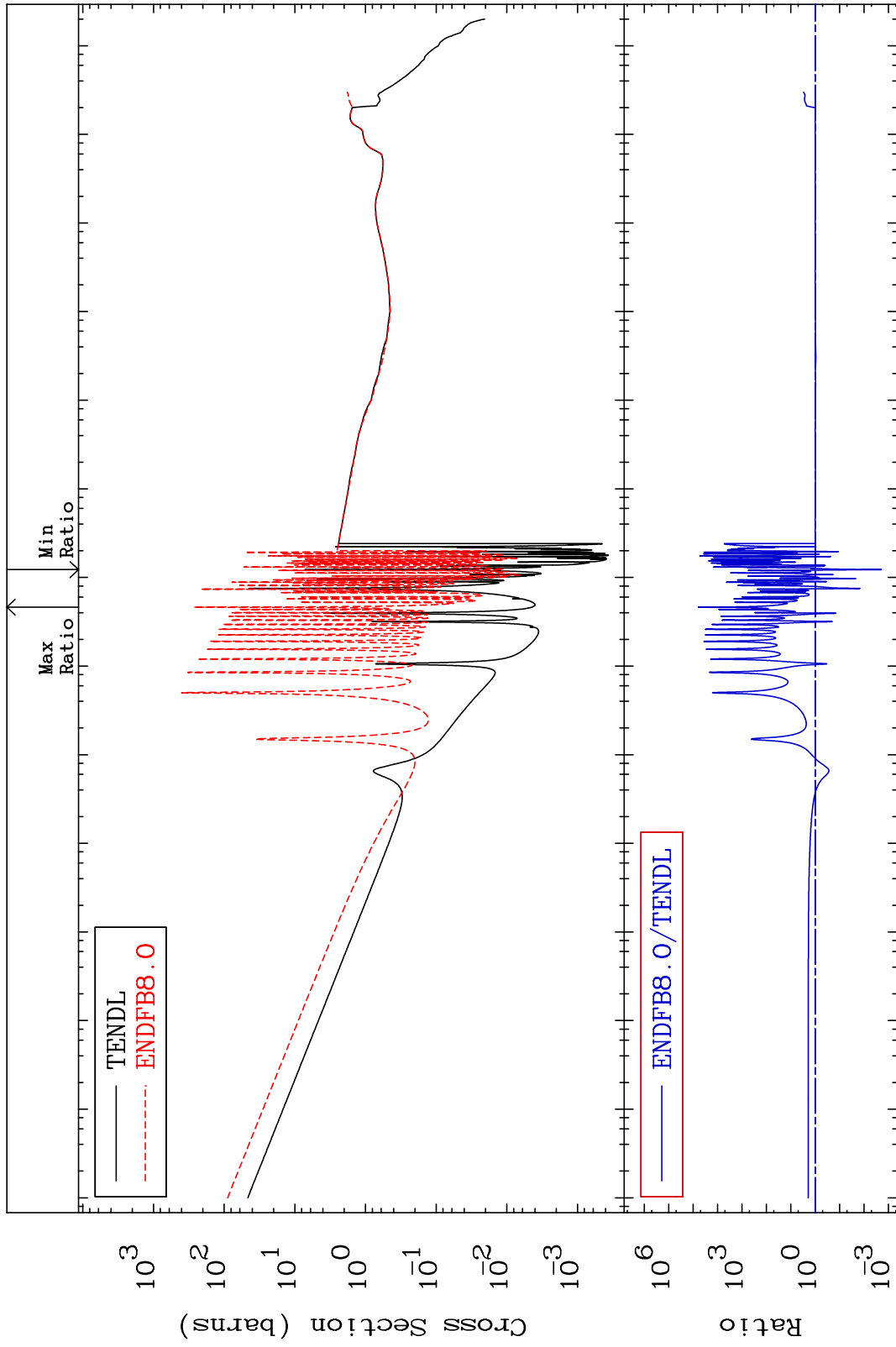
Cross Section

-58.19 To -35.84%



MAT 9234

Fission Cross Section  
92-U -237  
-99.81 To 9999. %



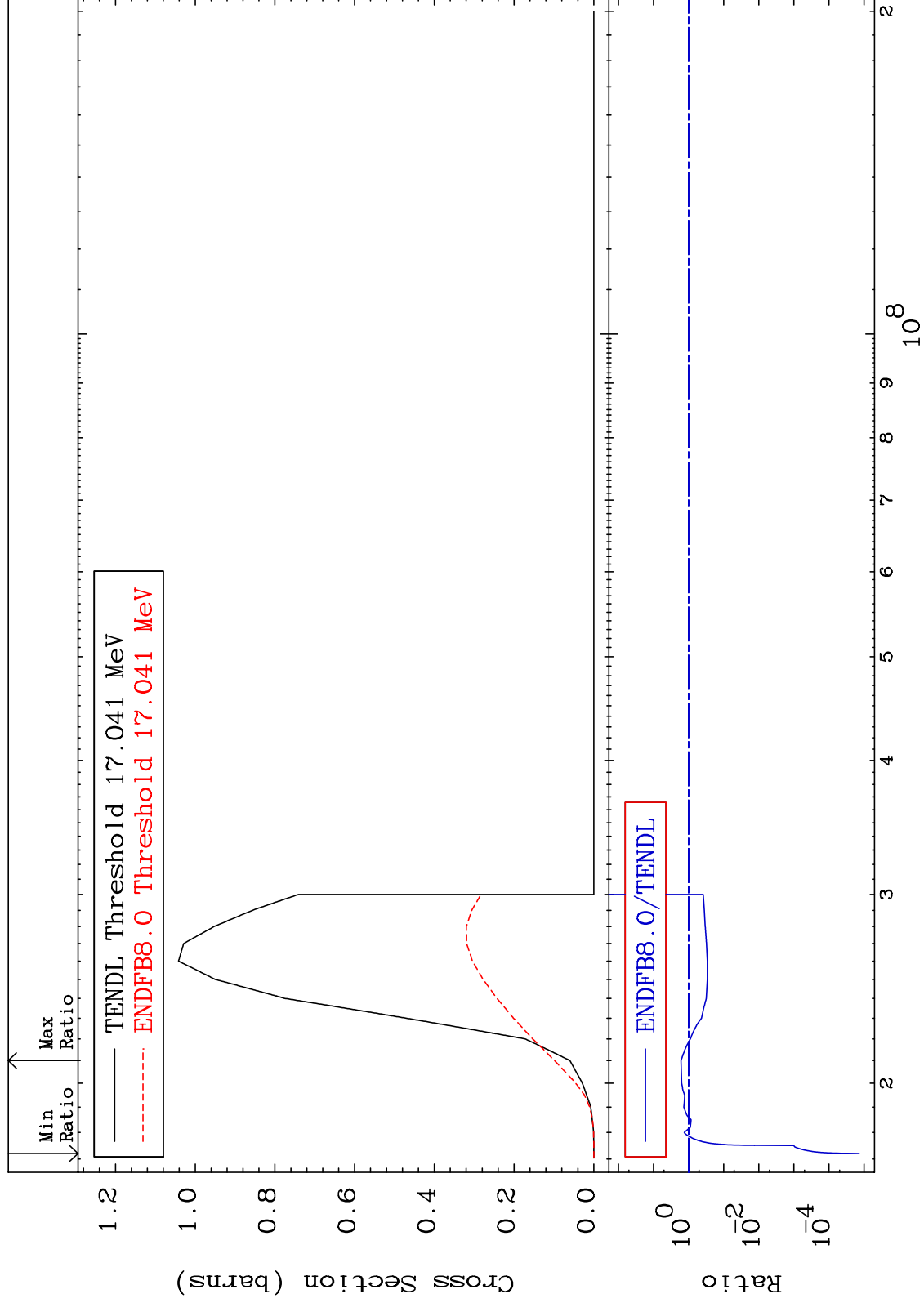
MAT 9234

(n, 4n)

92-U -237

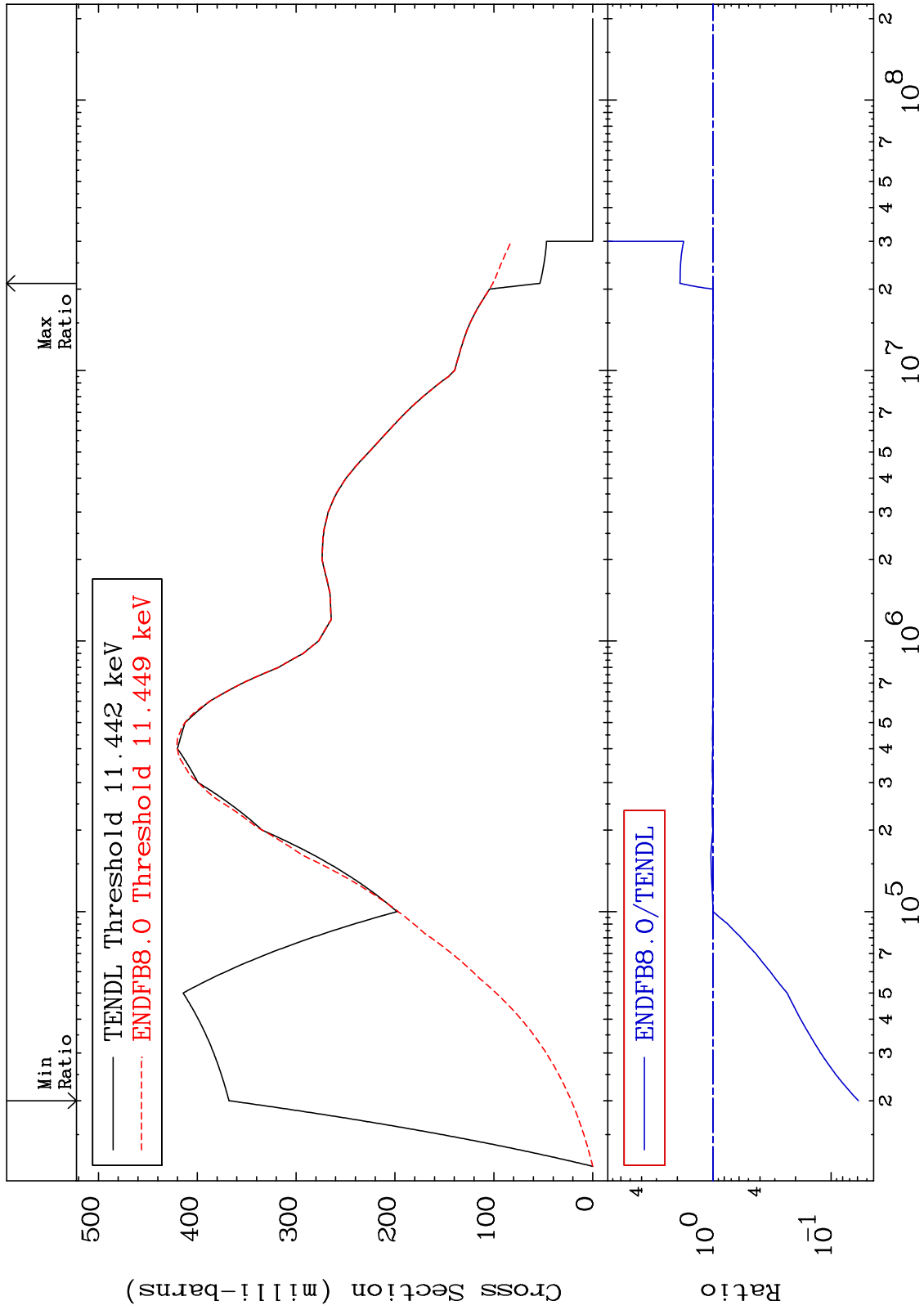
Cross Section

-100.0 To 64.14 %





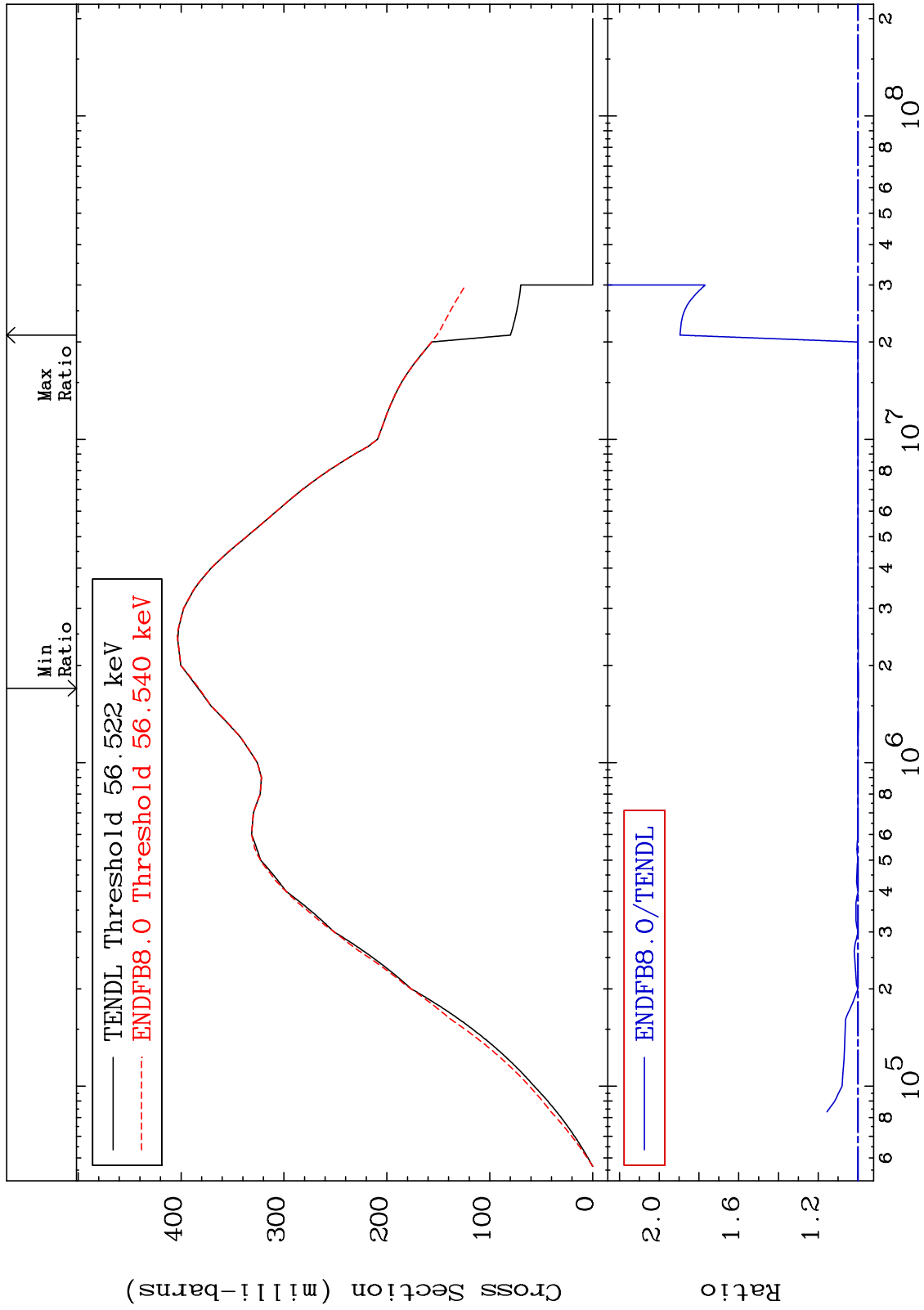
MAT 9234      MT= 51 (n,n') Level      92-U -237  
 Cross Section      -94.11 To 89.47 %



MAT 9234

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

92-U -237  
-0.196 To 89.53 %



9

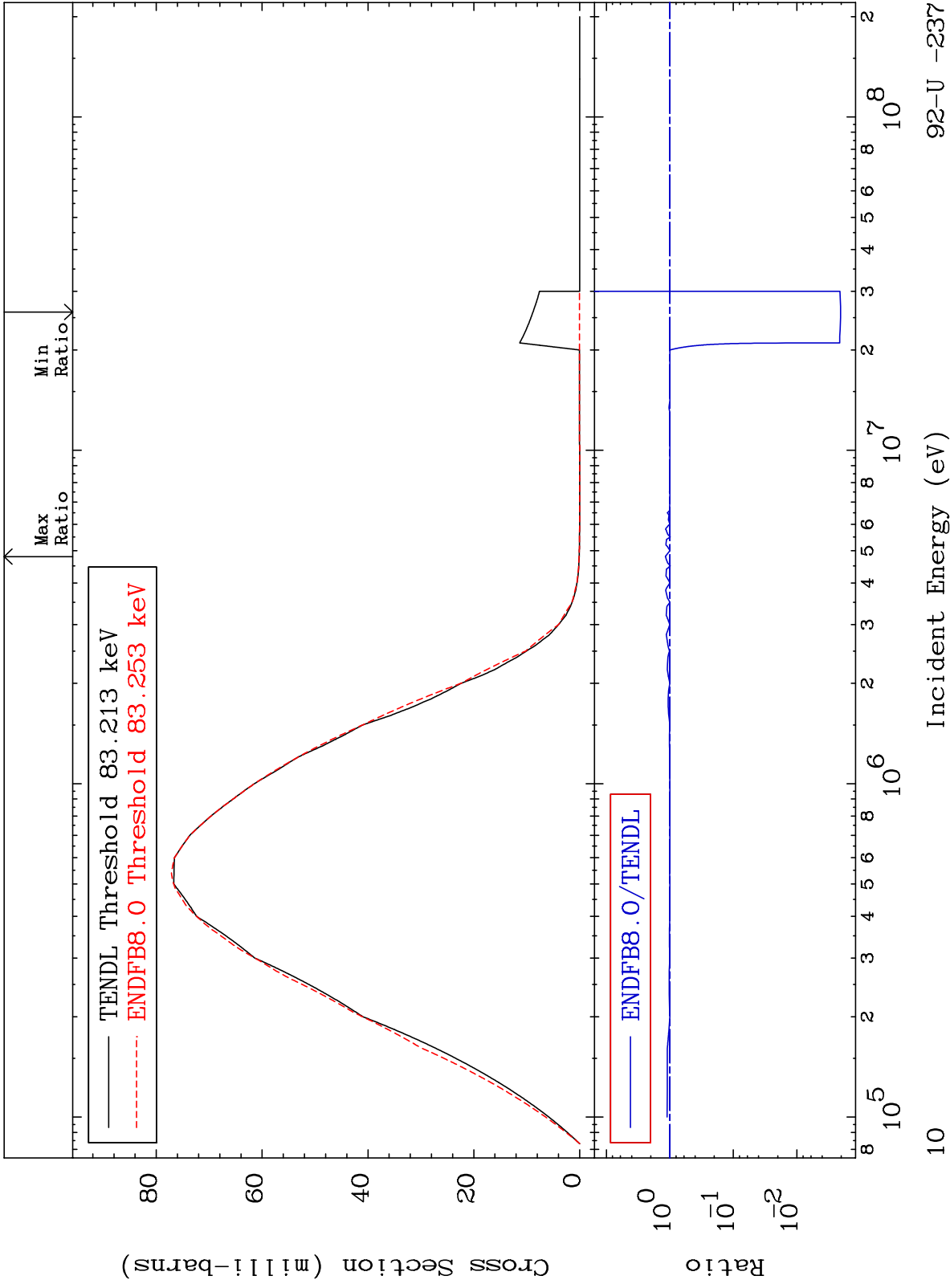
Incident Energy (eV)

92-U -237

MAT 9234

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

92-U -237  
-99.80 To 17.50 %

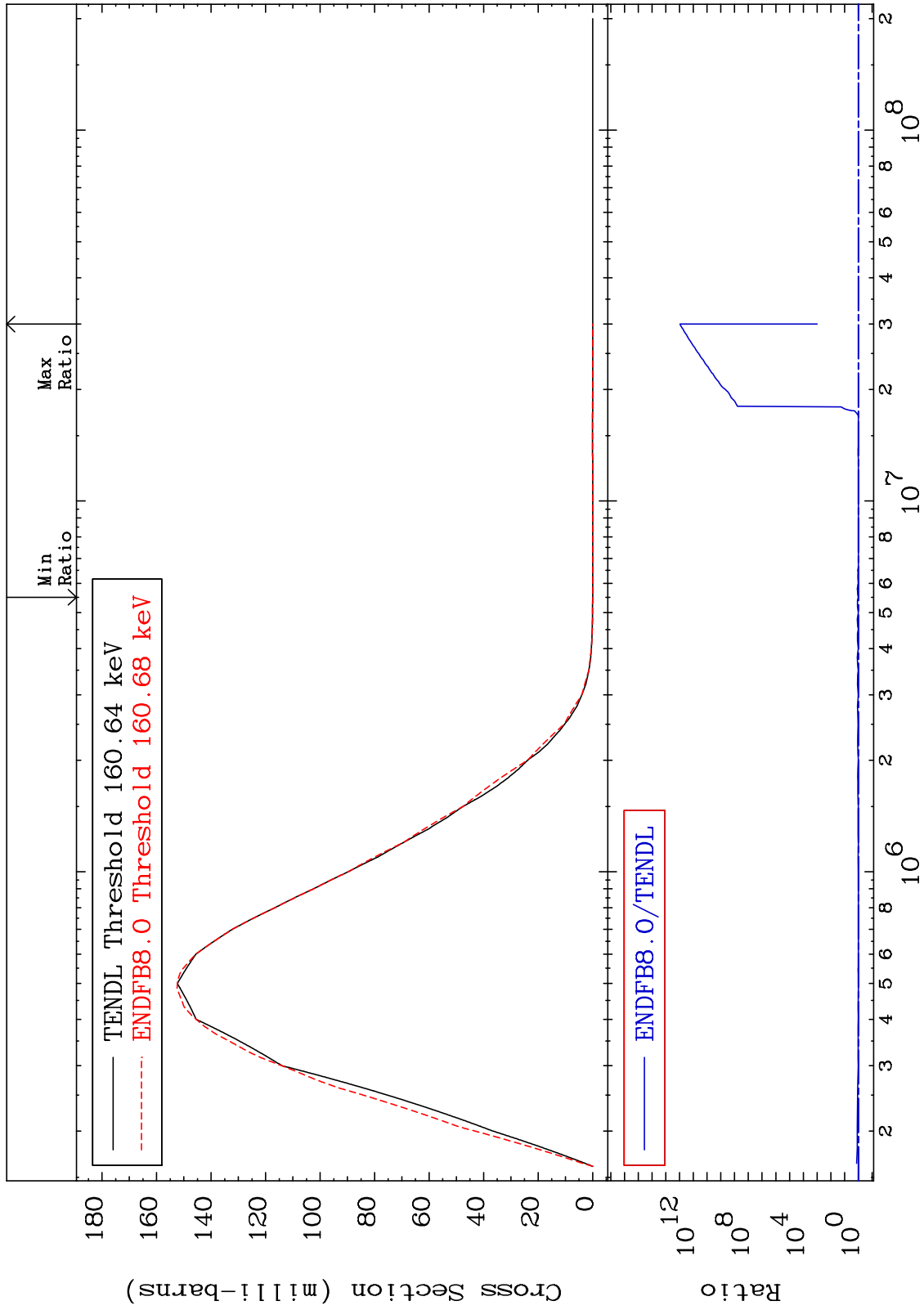


92-U -237

MAT 9234

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

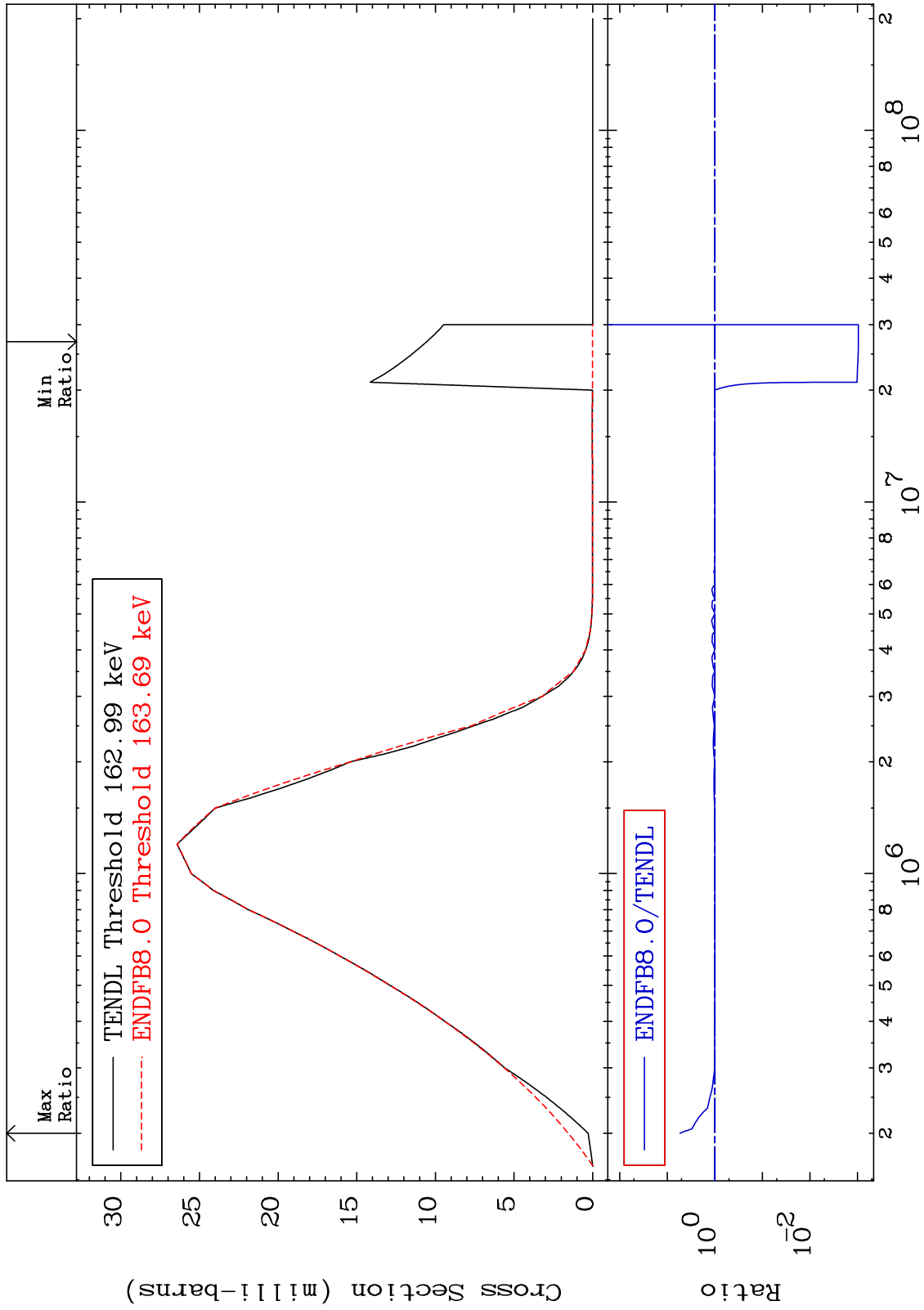
92-U -237  
-1.786 To 9999. %



MAT 9234

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

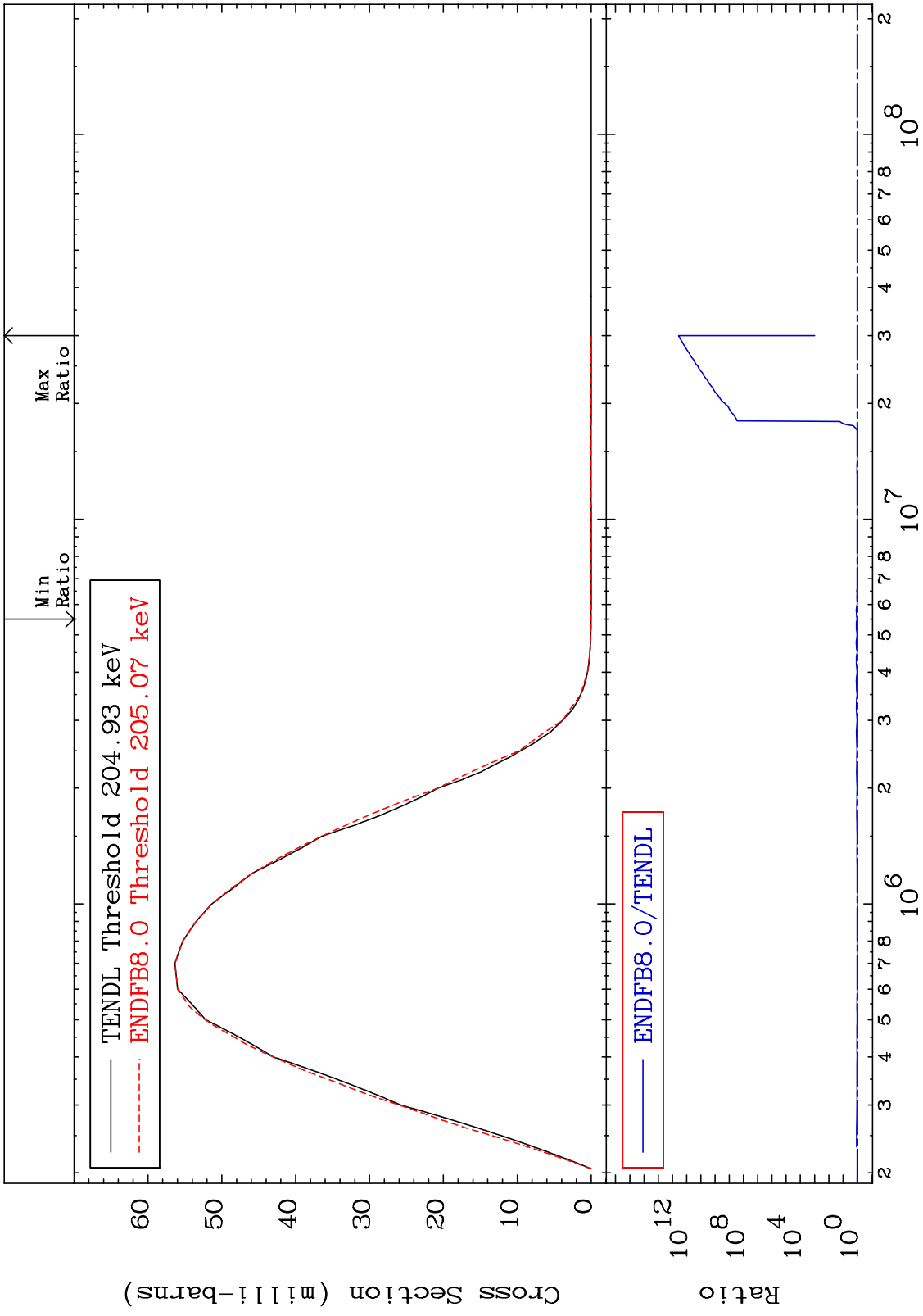
92-U -237  
-99.90 To 438.5 %



MAT 9234

MT= 56 (n,n') Level  
Cross Section

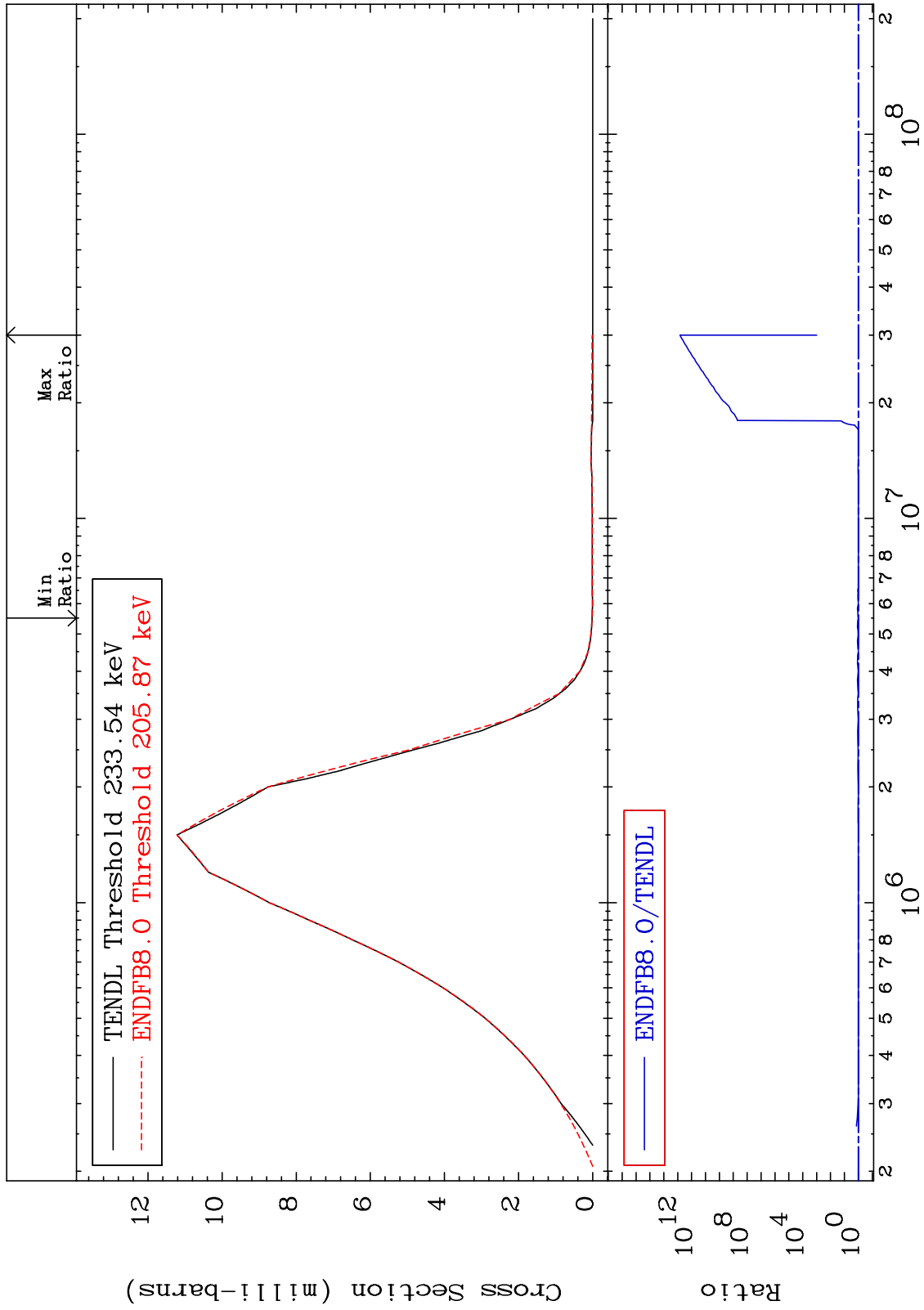
92-U -237  
-1.716 To 9999. %



MAT 9234

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

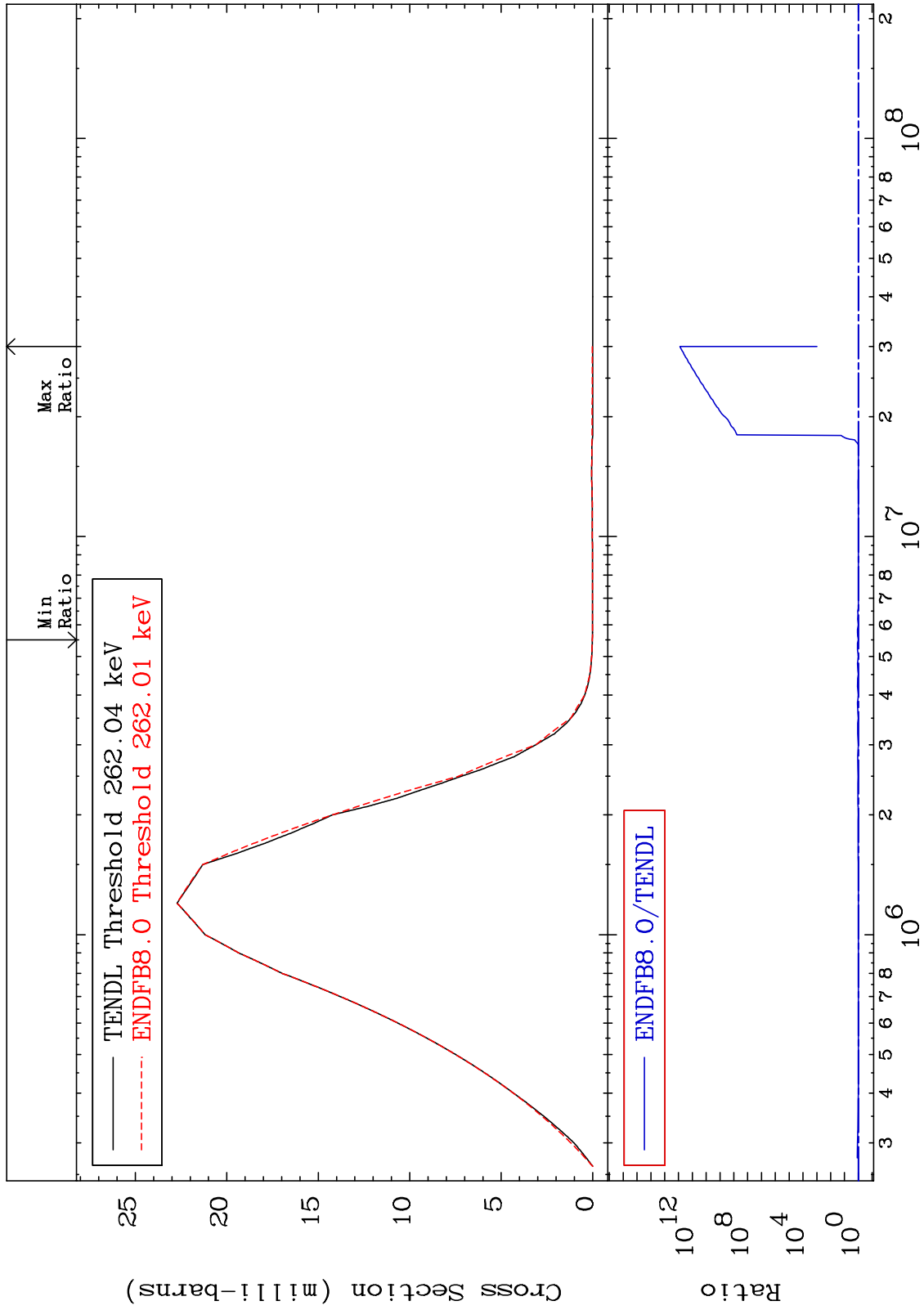
92-U -237  
-1.497 To 9999. %



MAT 9234

MT= 58 (n,n') Level  
Cross Section

92-U -237  
-1.611 To 9999. %



15

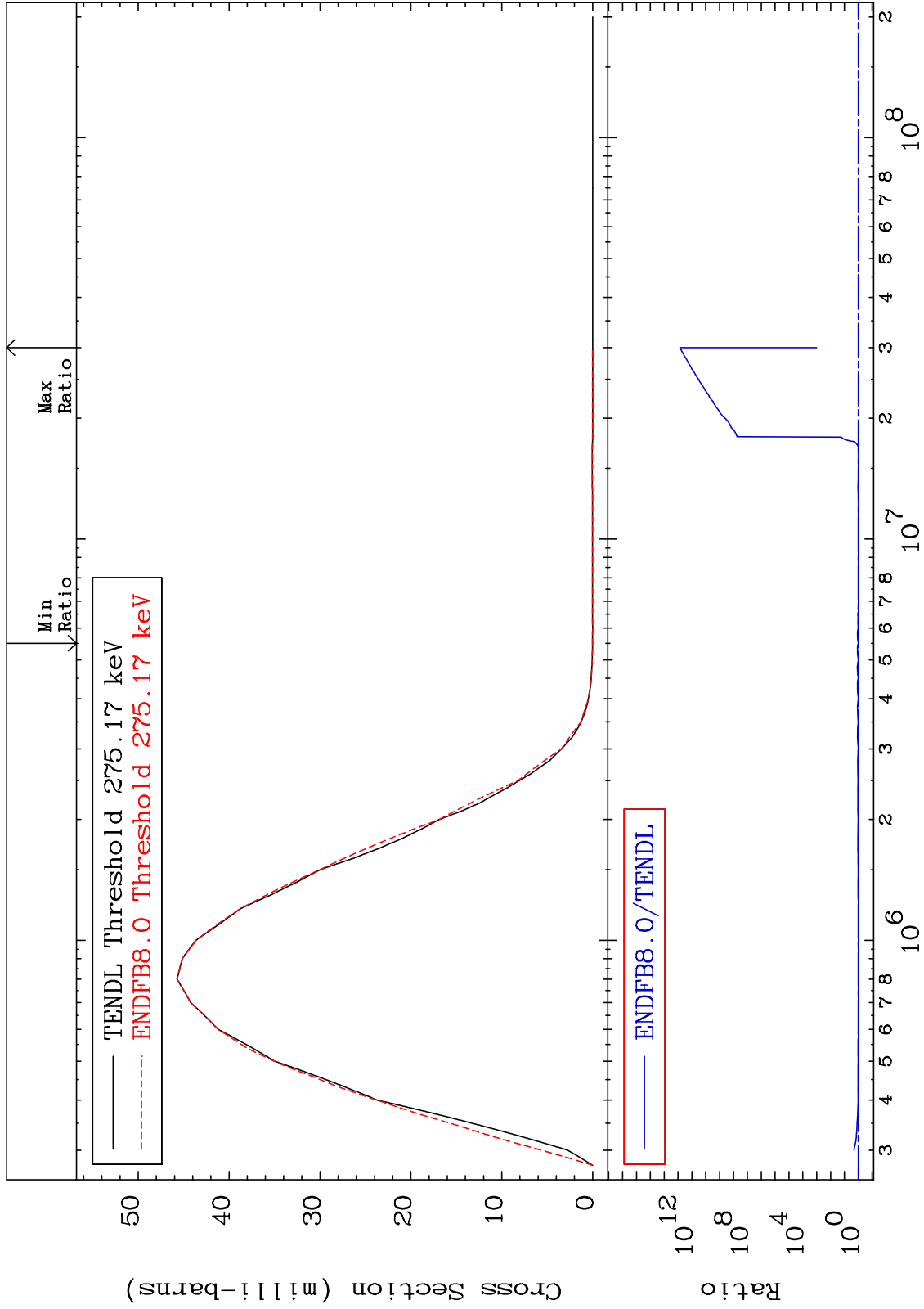
92-U -237



MAT 9234

MT= 59 (n,n') Level  
Cross Section

92-U -237  
-1.669 To 9999. %



16

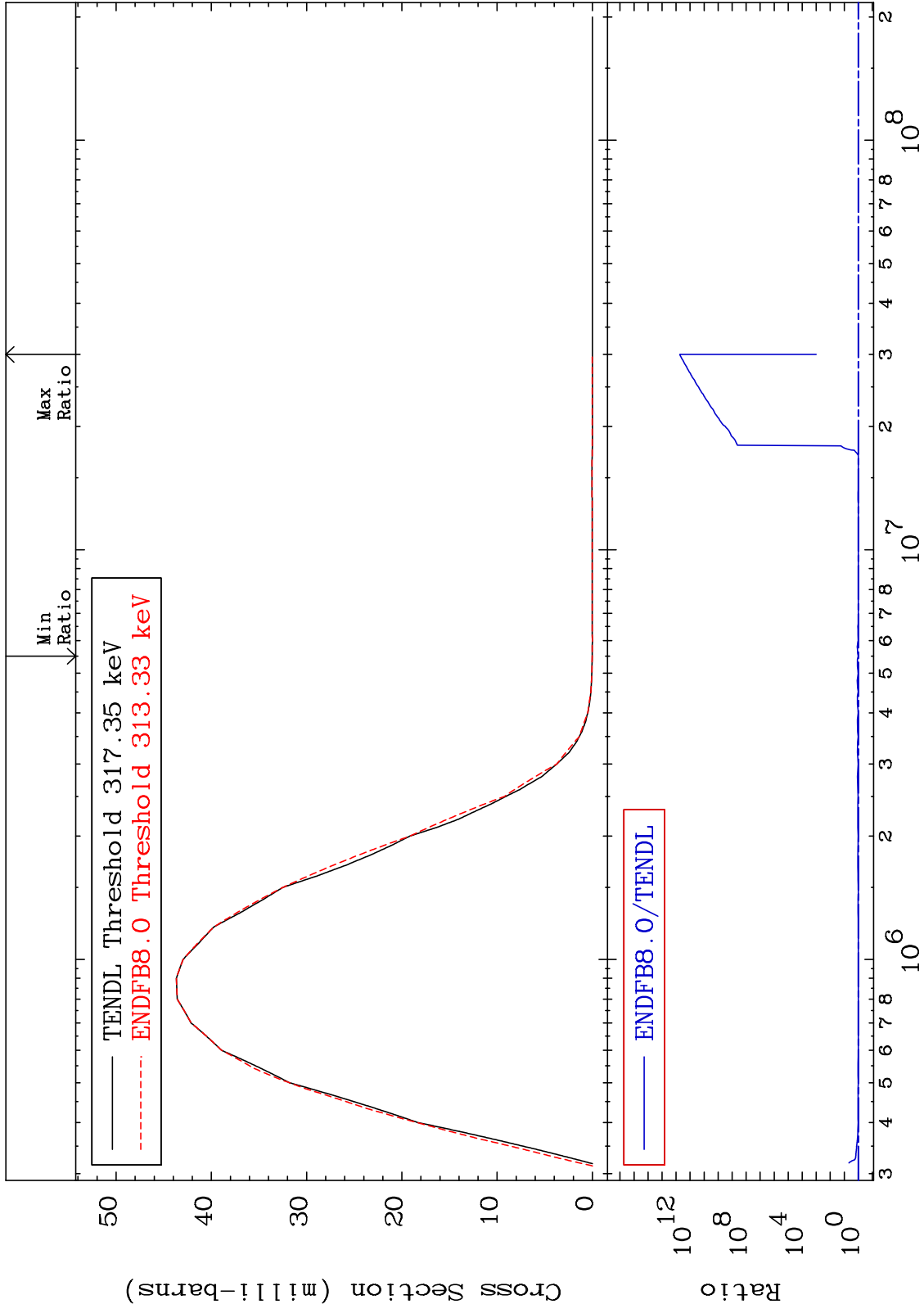
Incident Energy (eV)

92-U -237

MAT 9234

MT= 60 (n,n') Level  
Cross Section

92-U -237  
-1.705 To 9999. %



17

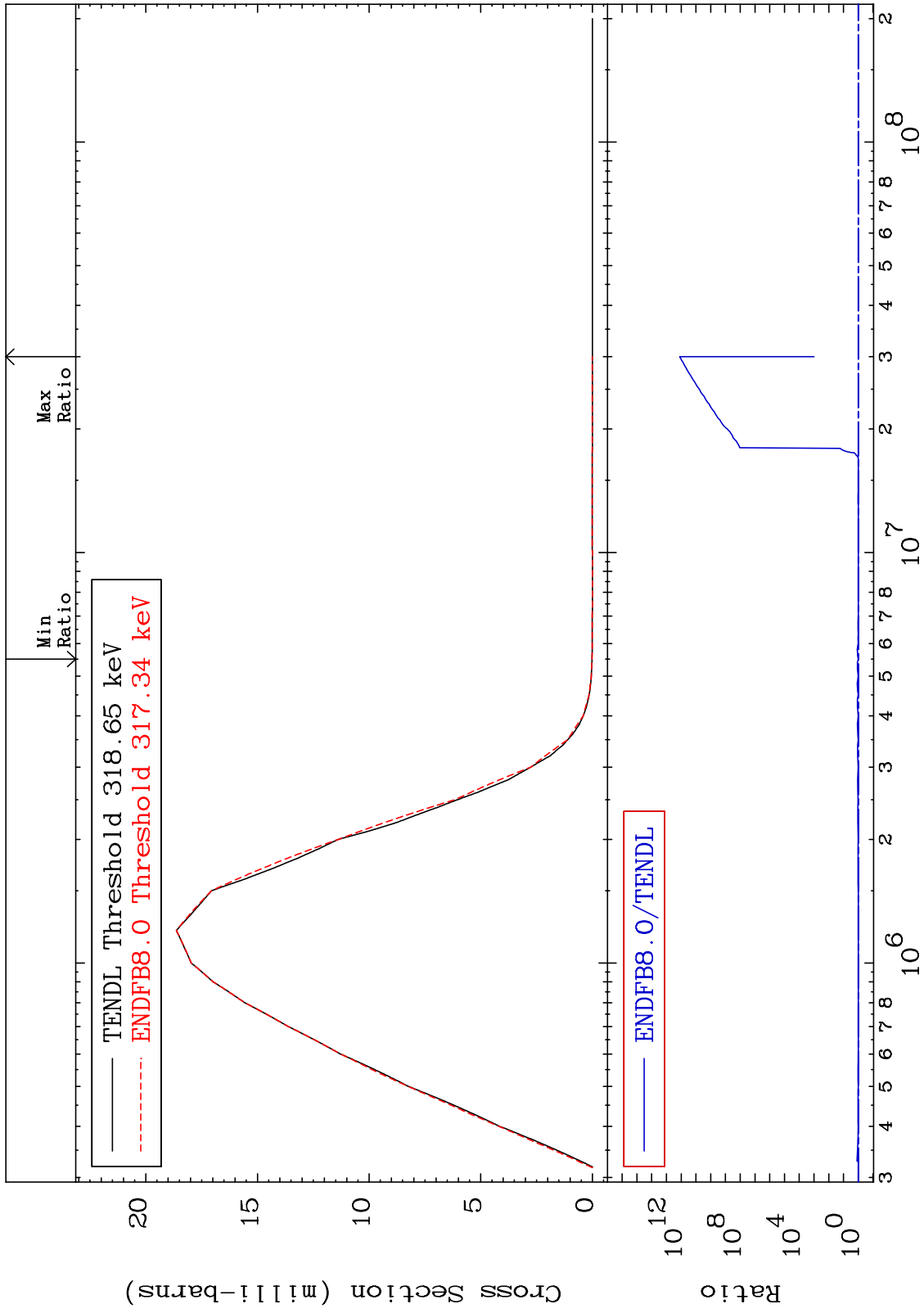
Incident Energy (eV)

92-U -237

MAT 9234

MT= 61 (n,n') Level  
Cross Section

92-U -237  
-1.560 To 9999. %



18

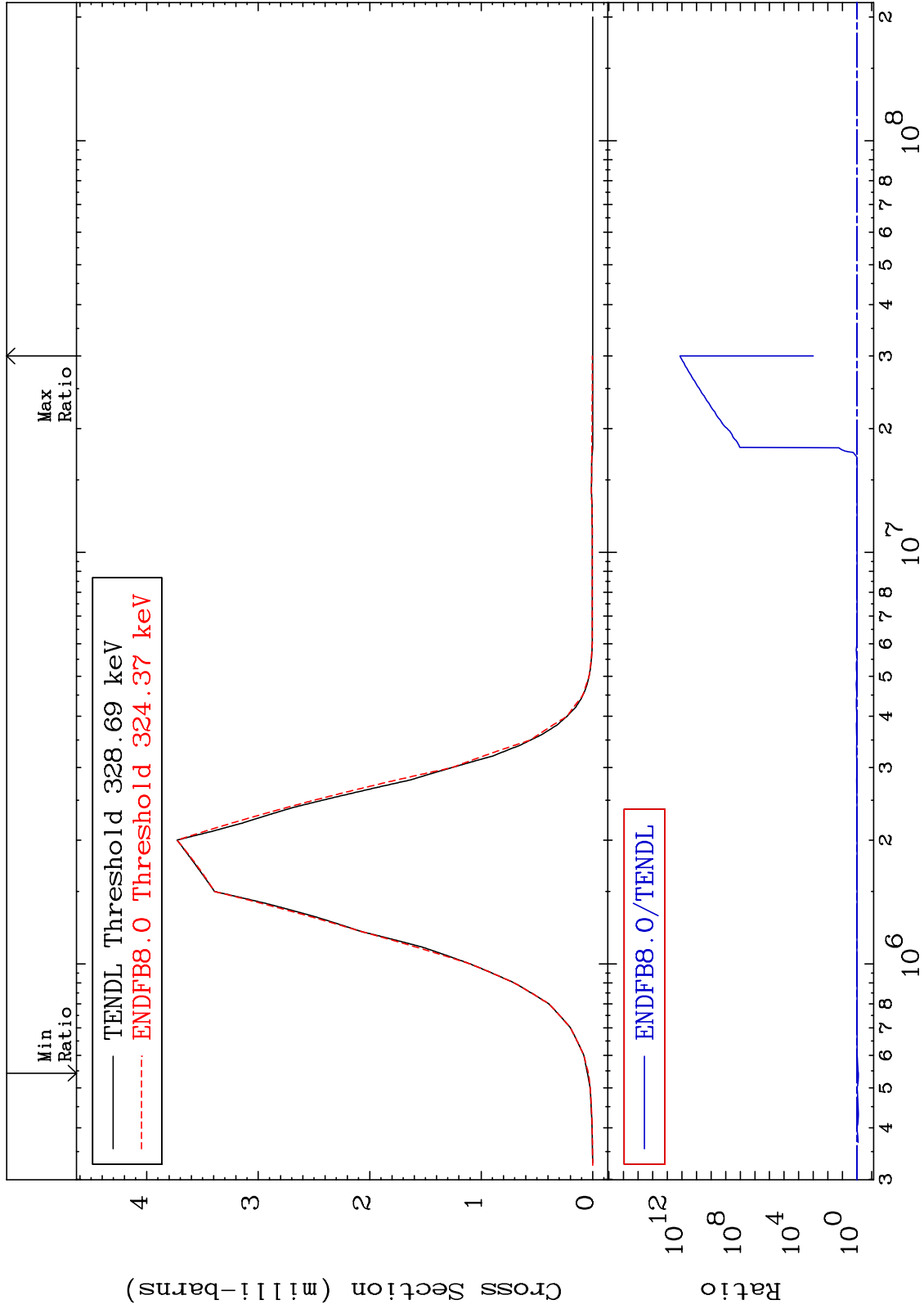
Incident Energy (eV)

92-U -237

MAT 9234

MT= 62 (n,n') Level  
Cross Section

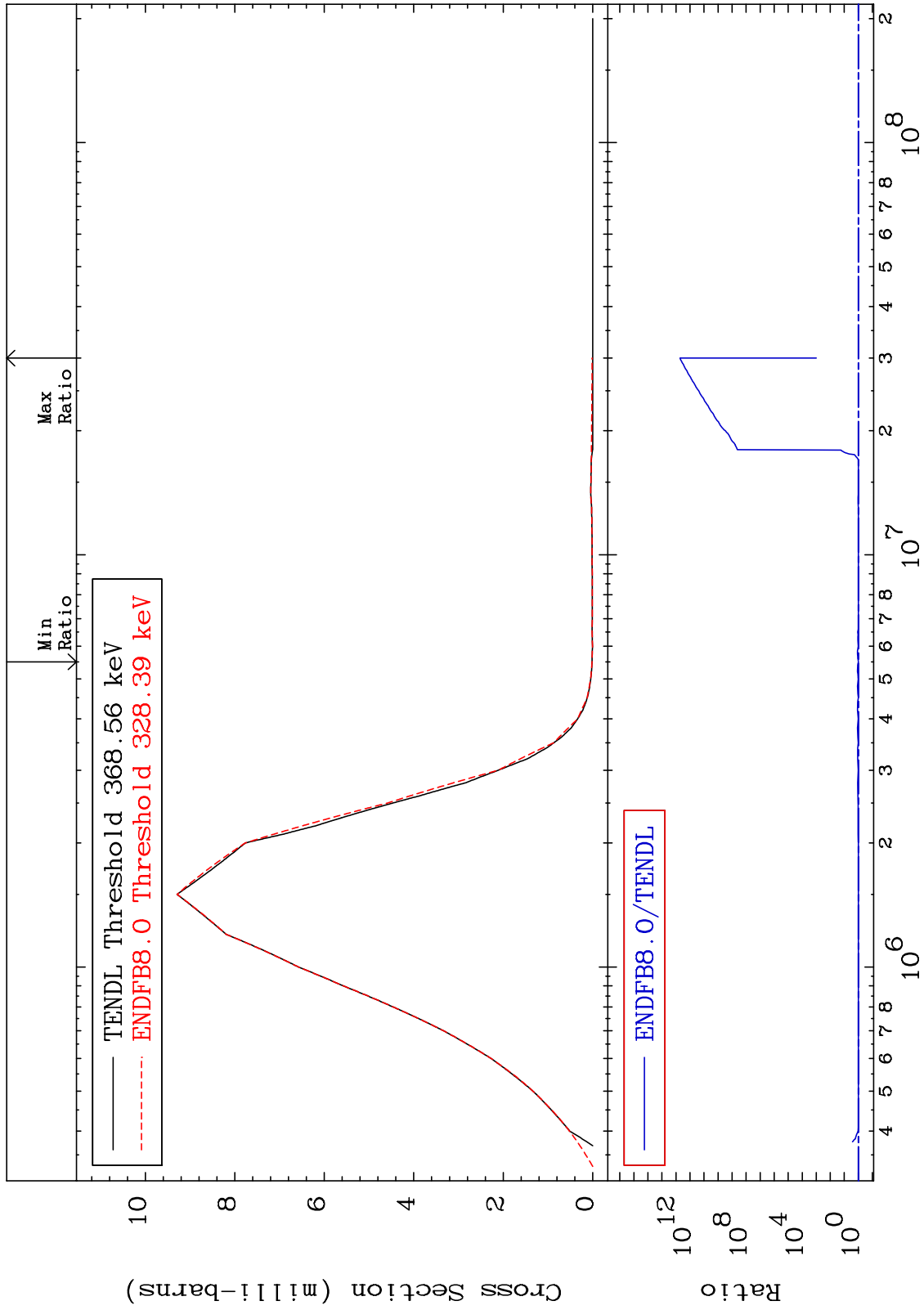
92-U -237  
-18.70 To 9999. %



MAT 9234

MT= 63 (n,n') Level  
Cross Section

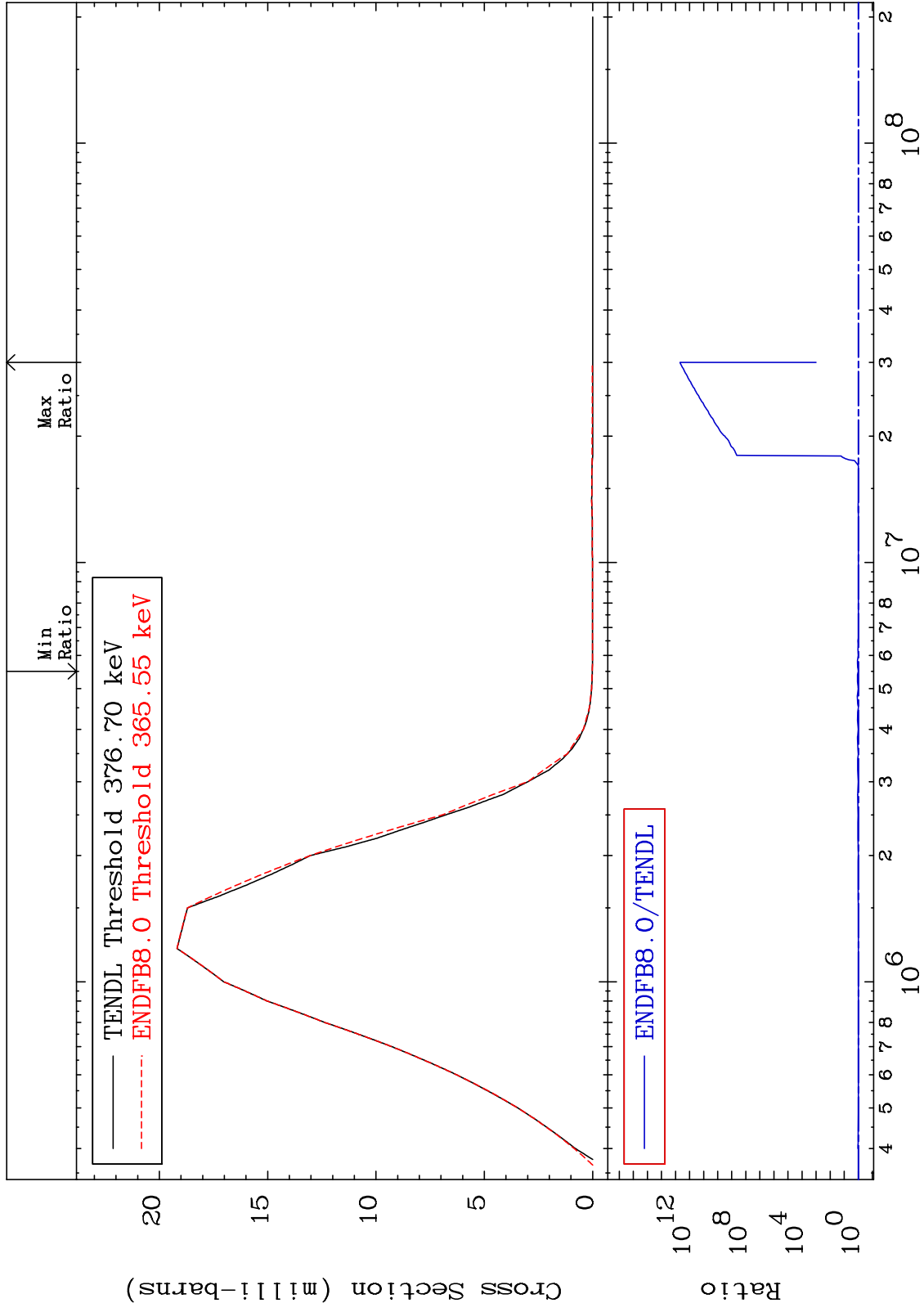
92-U -237  
-1.477 To 9999. %



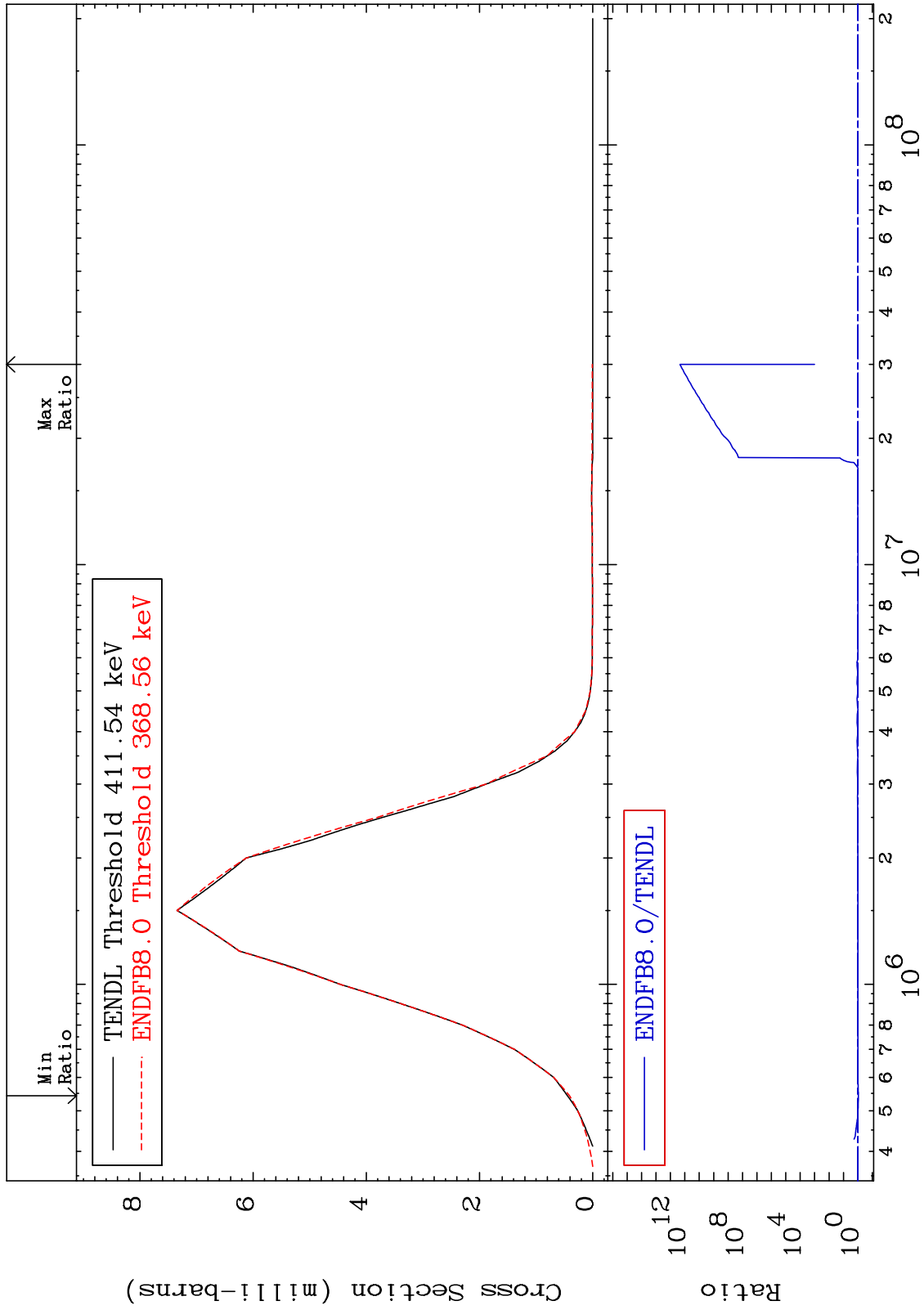
MAT 9234

MT= 64 (n,n') Level  
Cross Section

92-U -237  
-1.596 To 9999. %



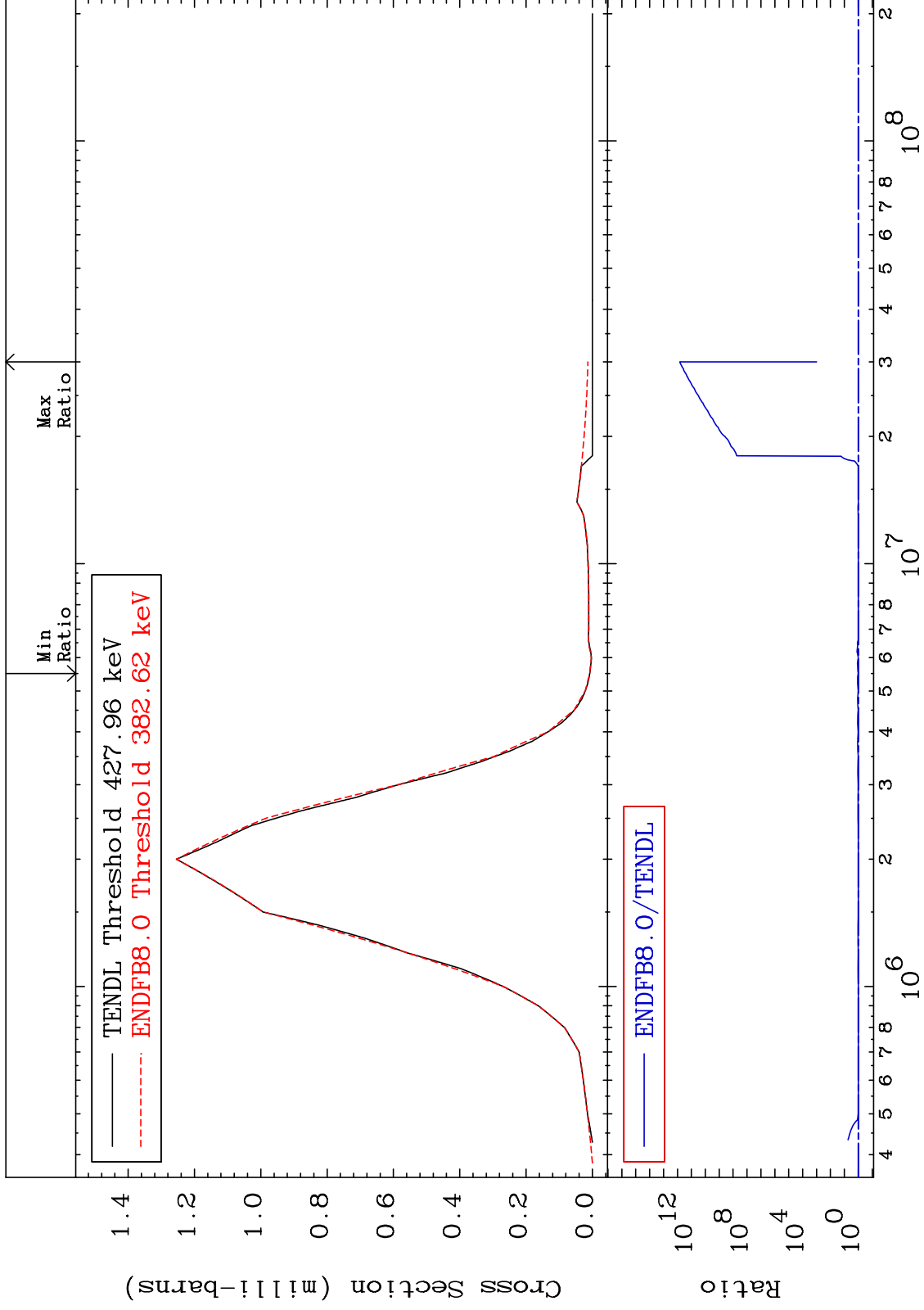
MAT 9234 MT= 65 (n,n') Level Cross Section 92-U -237  
 -7.961 To 9999. %



MAT 9234

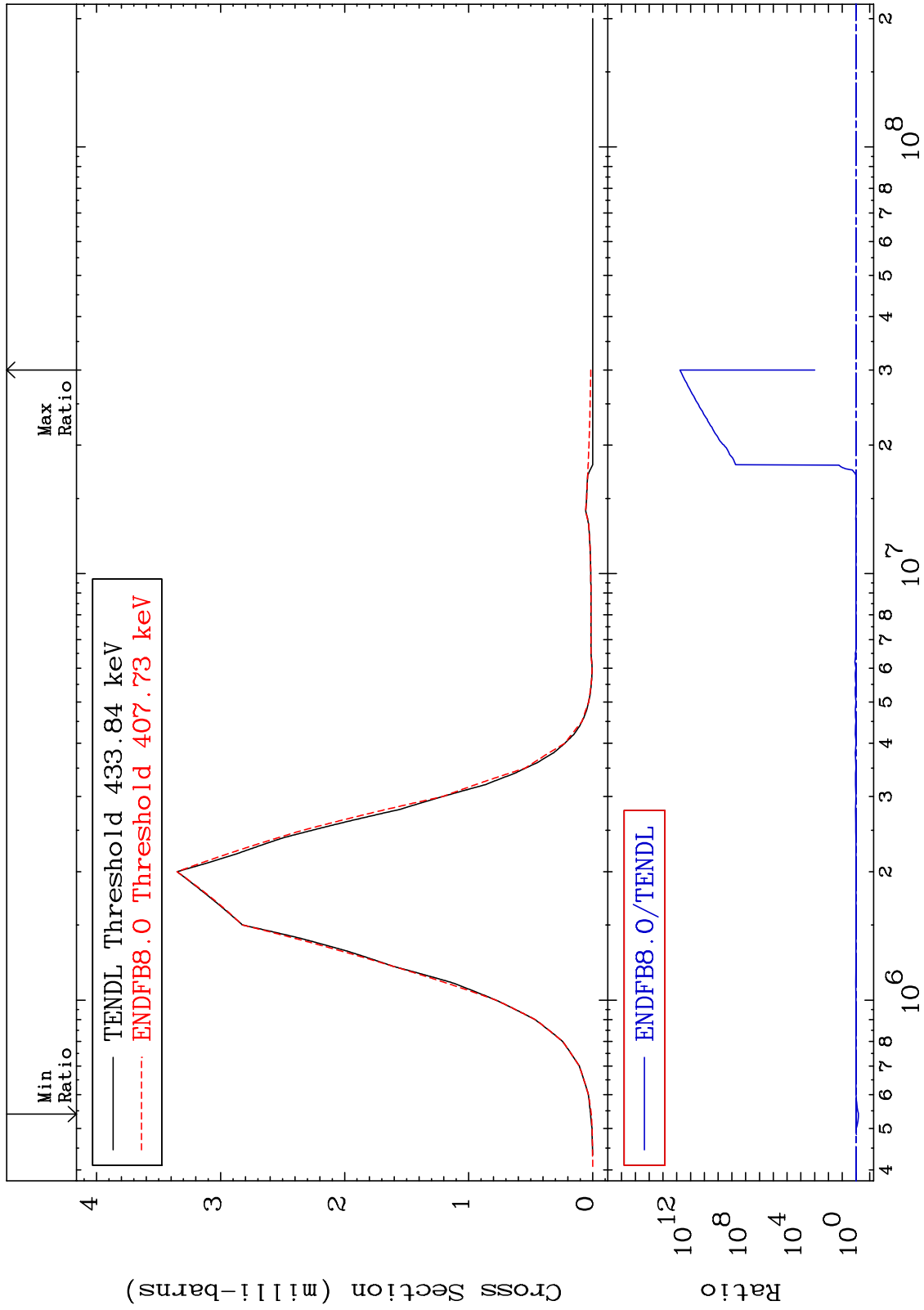
MT= 66 (n,n') Level  
Cross Section

92-U -237  
-1.142 To 9999. %





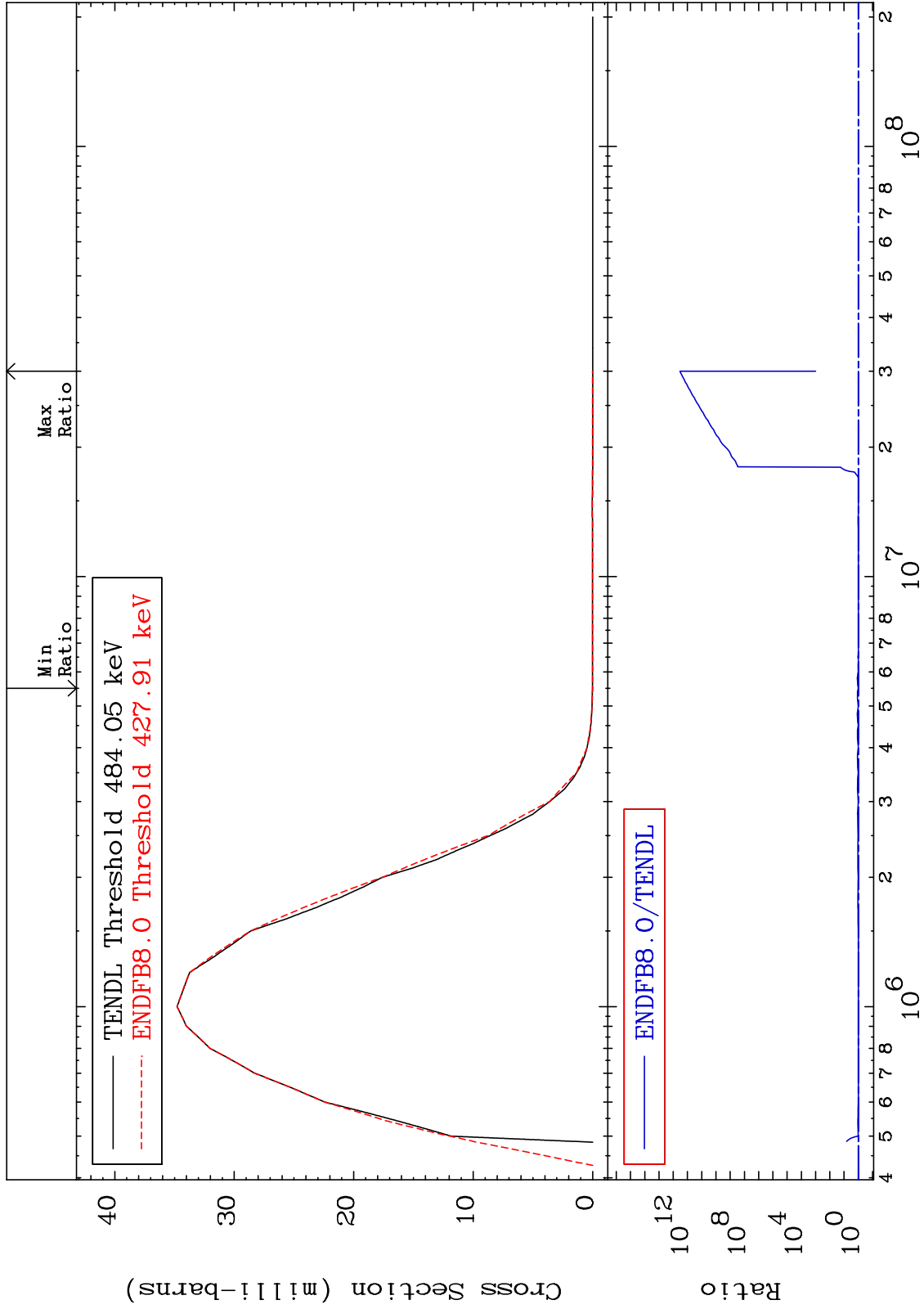
MAT 9234      MT= 67 (n,n') Level      92-U -237  
 Cross Section      -32.96 To 9999. %



MAT 9234

MT= 68 (n,n') Level  
Cross Section

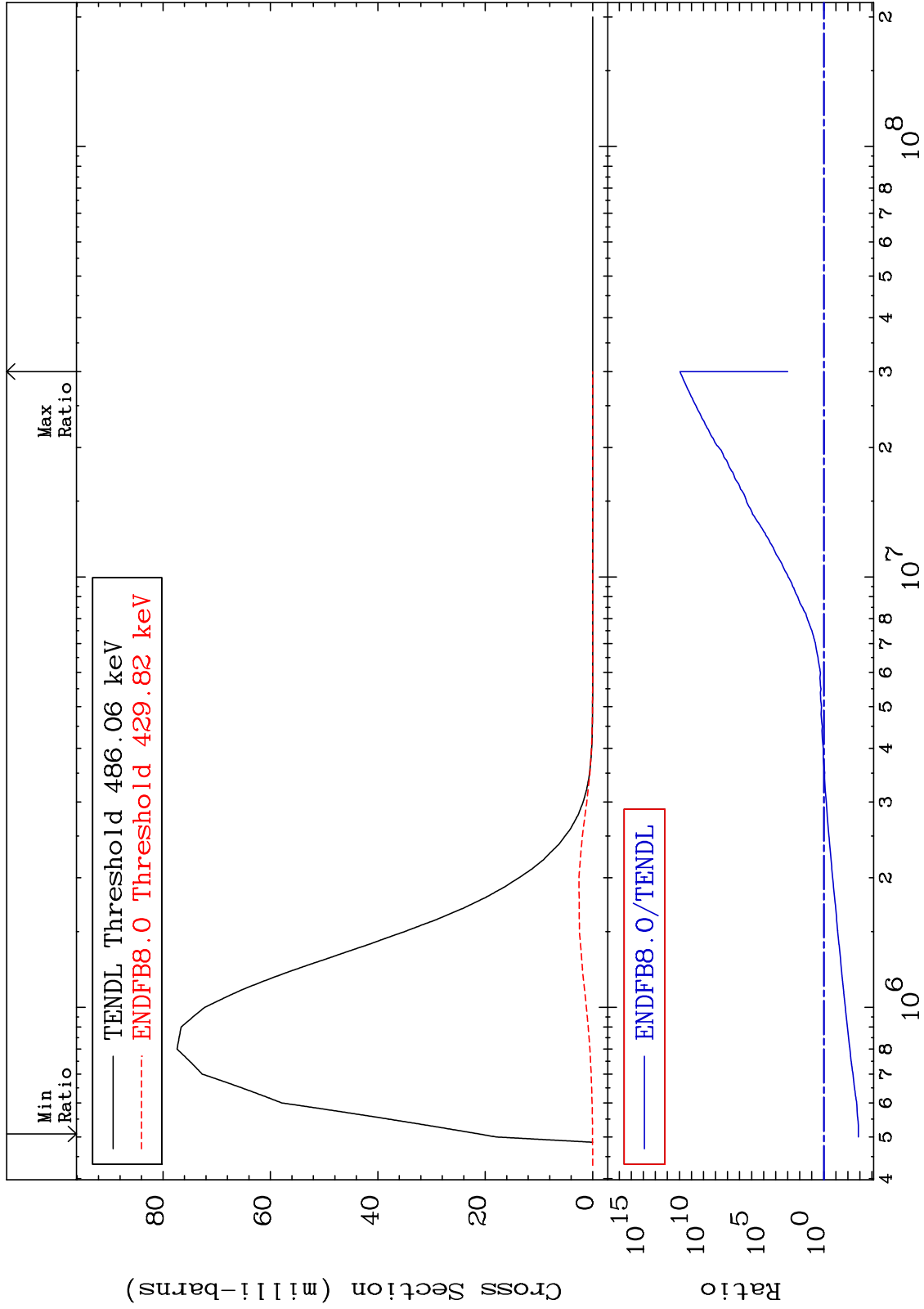
92-U -237  
-1.690 To 9999. %



MAT 9234

MT= 69 (n,n') Level  
Cross Section

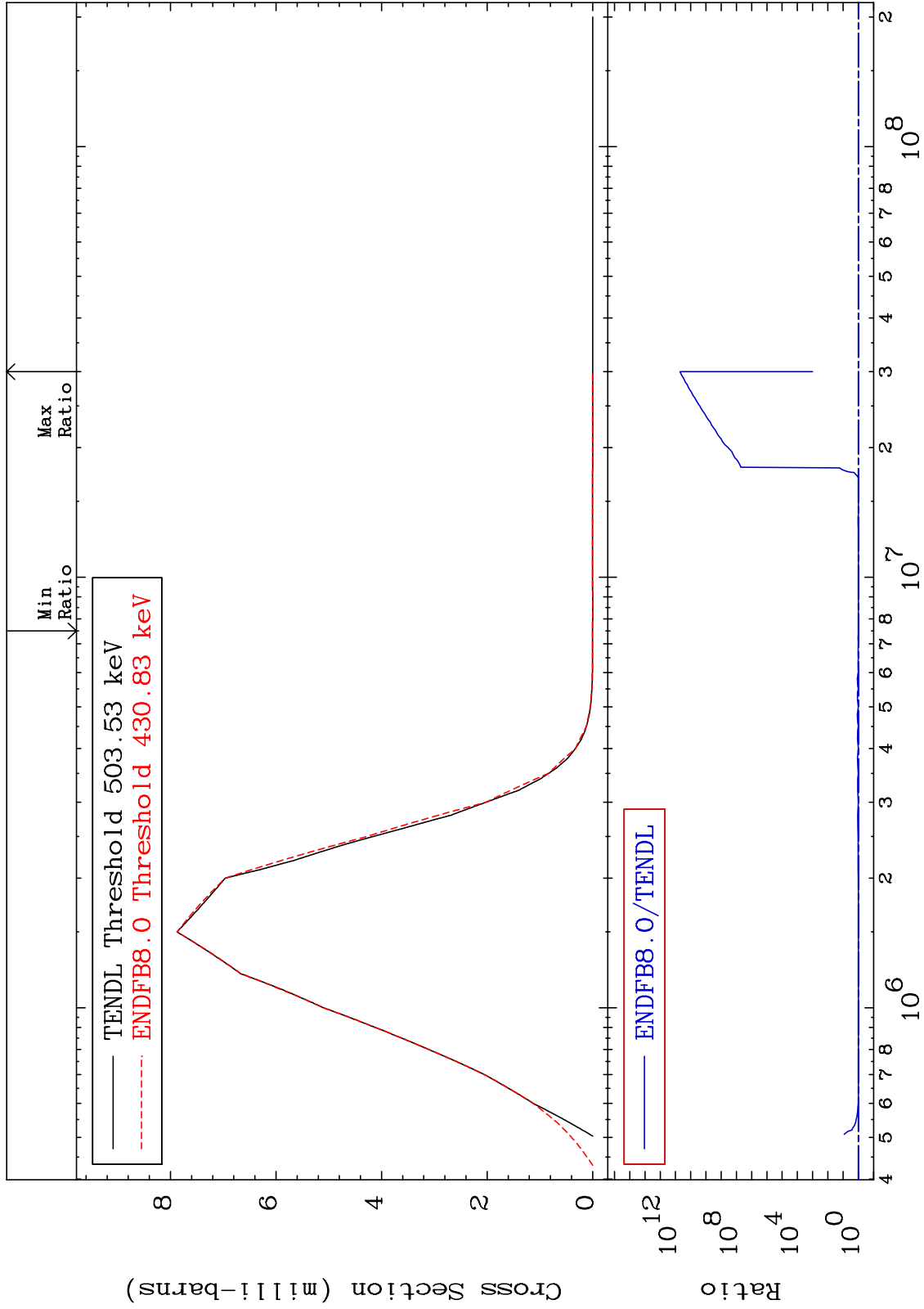
92-U -237  
-99.87 To 9999. %



MAT 9234

MT= 70 (n,n') Level  
Cross Section

92-U -237  
-1.492 To 9999. %



27

Incident Energy (eV)

92-U -237

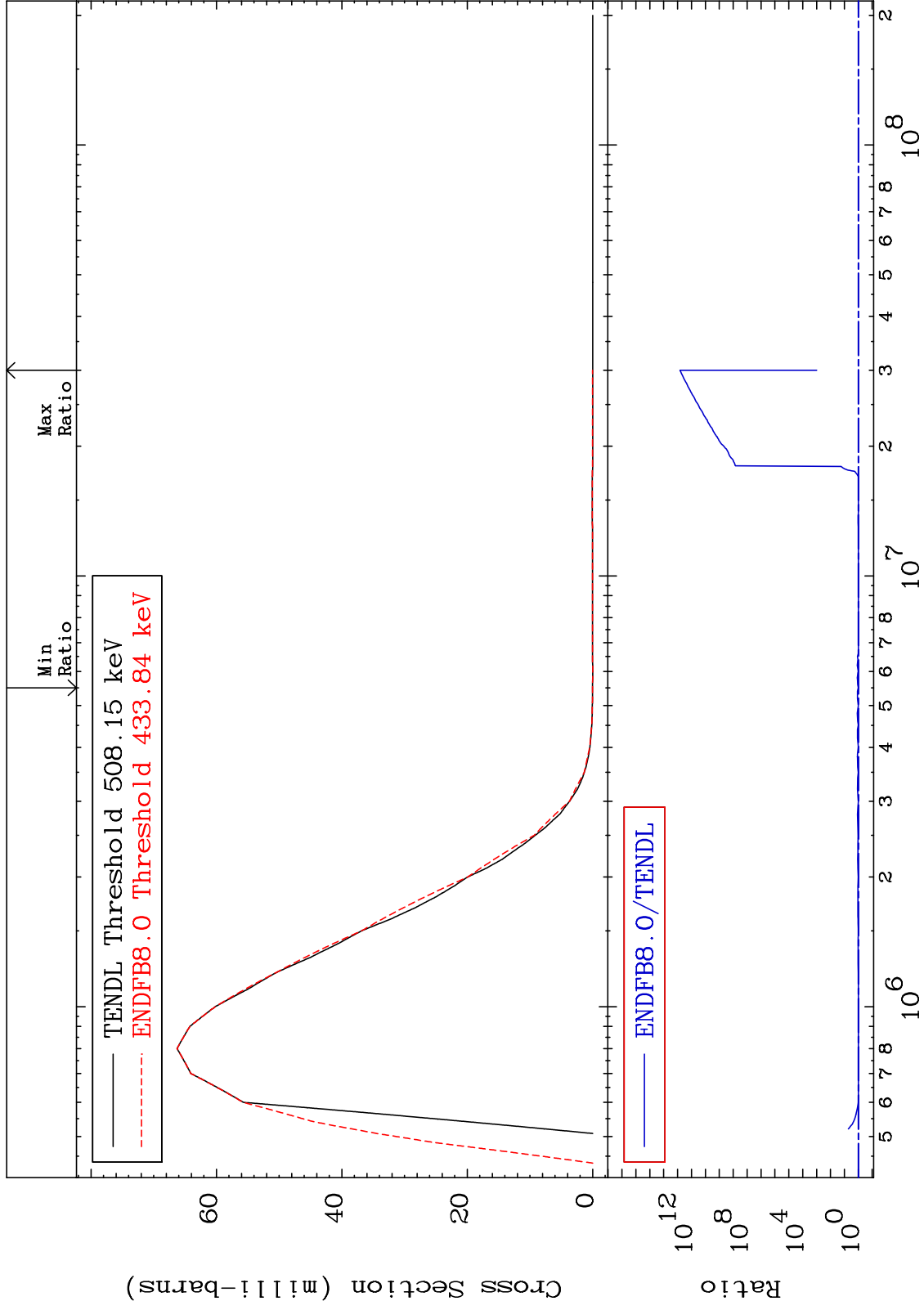
MAT 9234

MT= 71 (n,n') Level

92-U -237

-1.759 To 9999. %

Cross Section



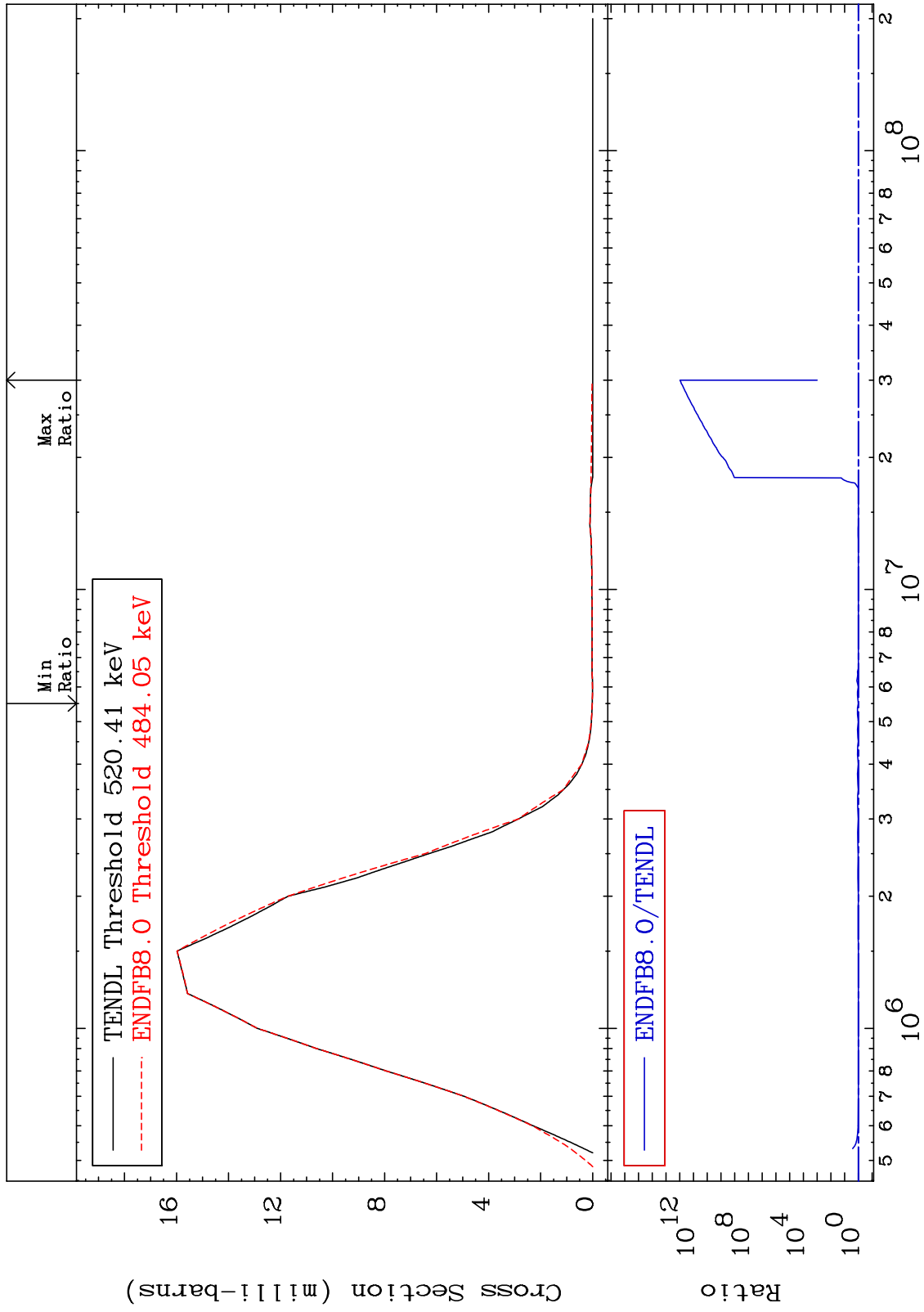
MAT 9234

MT= 72 (n,n') Level

92-U -237

-1.581 To 9999. %

Cross Section



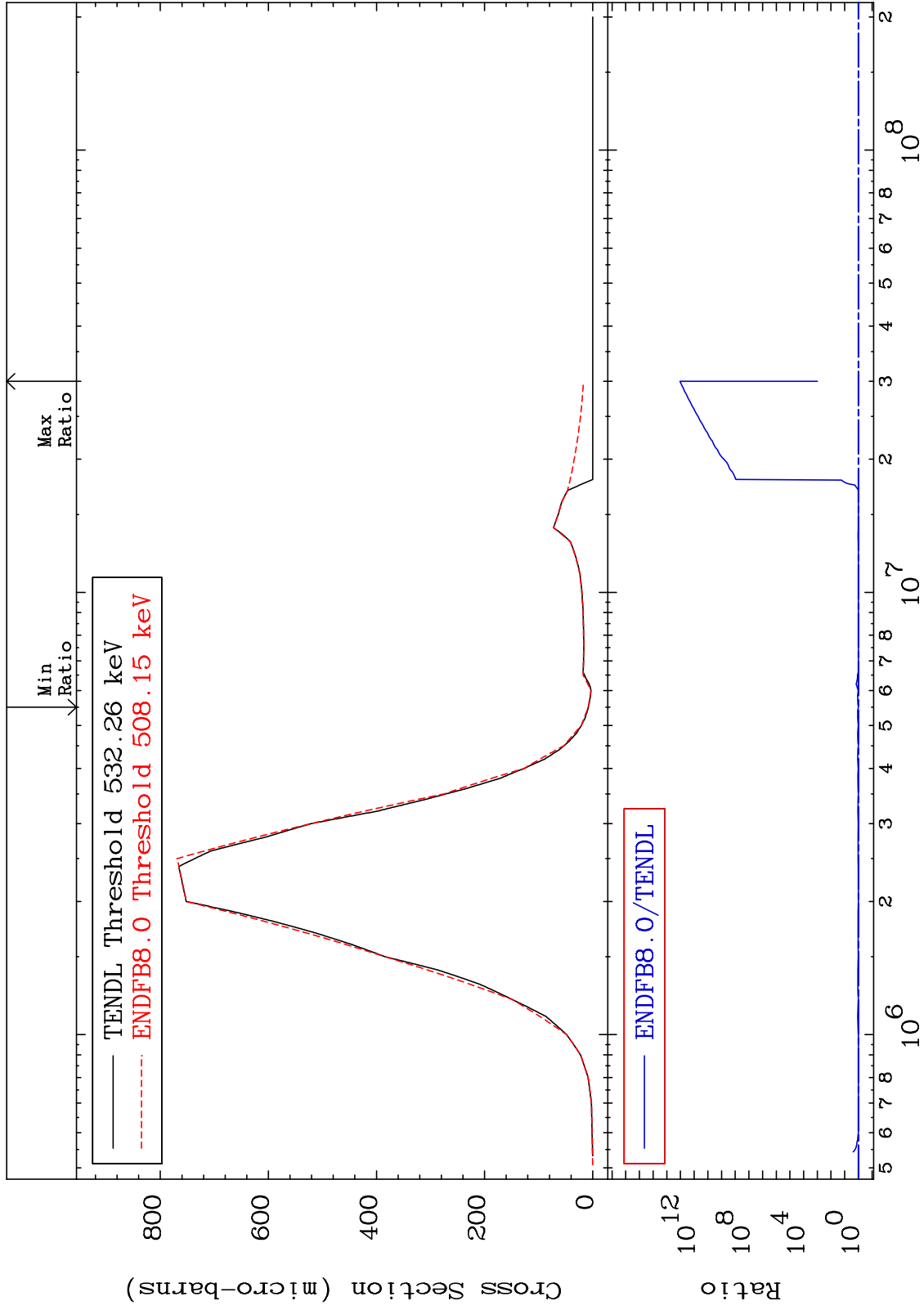
MAT 9234

MT= 73 (n,n') Level

92-U -237

-1.052 To 9999. %

Cross Section



30

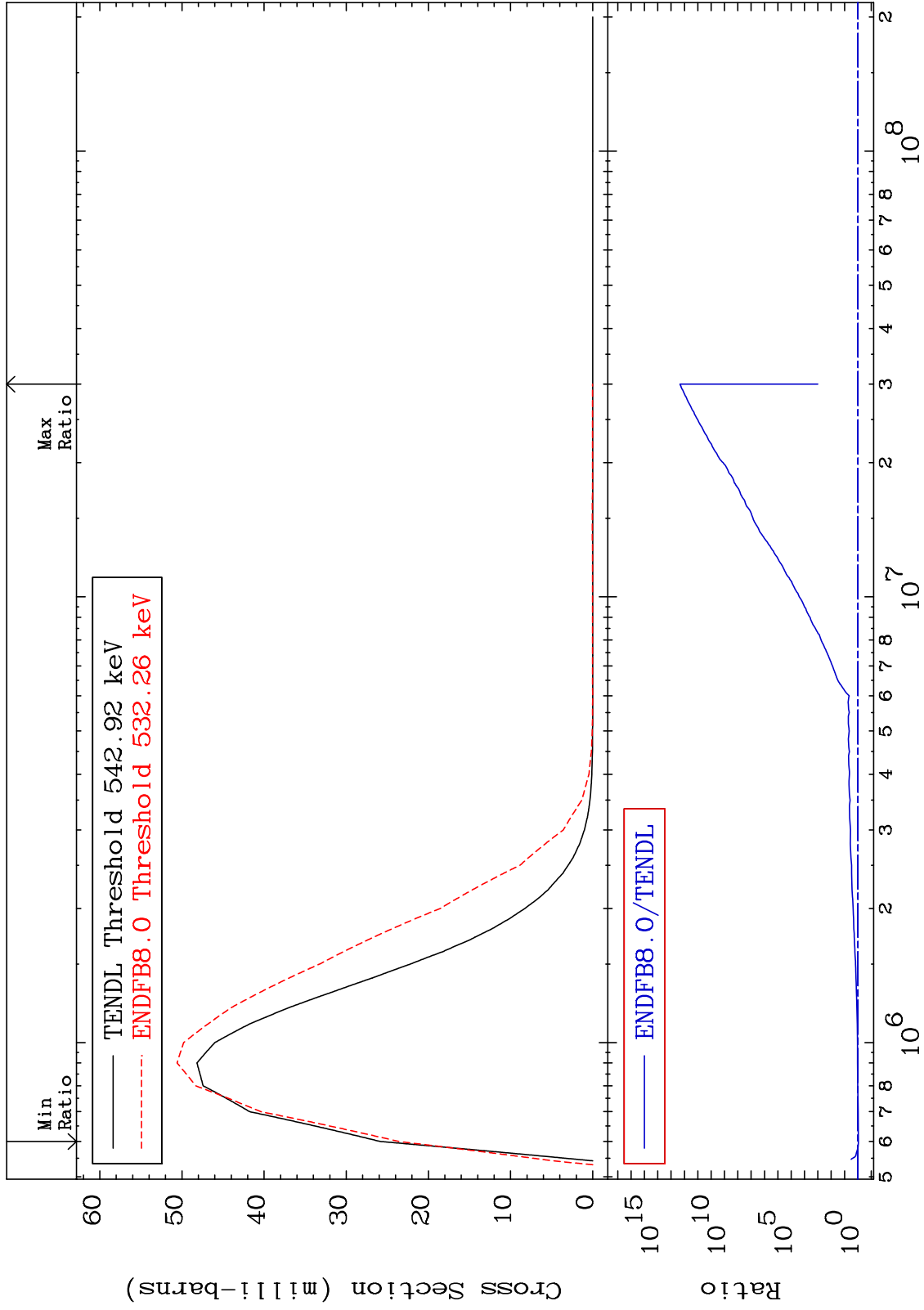
Incident Energy (eV)

92-U -237

MAT 9234

MT= 74 (n,n') Level  
Cross Section

92-U -237  
-8.754 To 9999. %





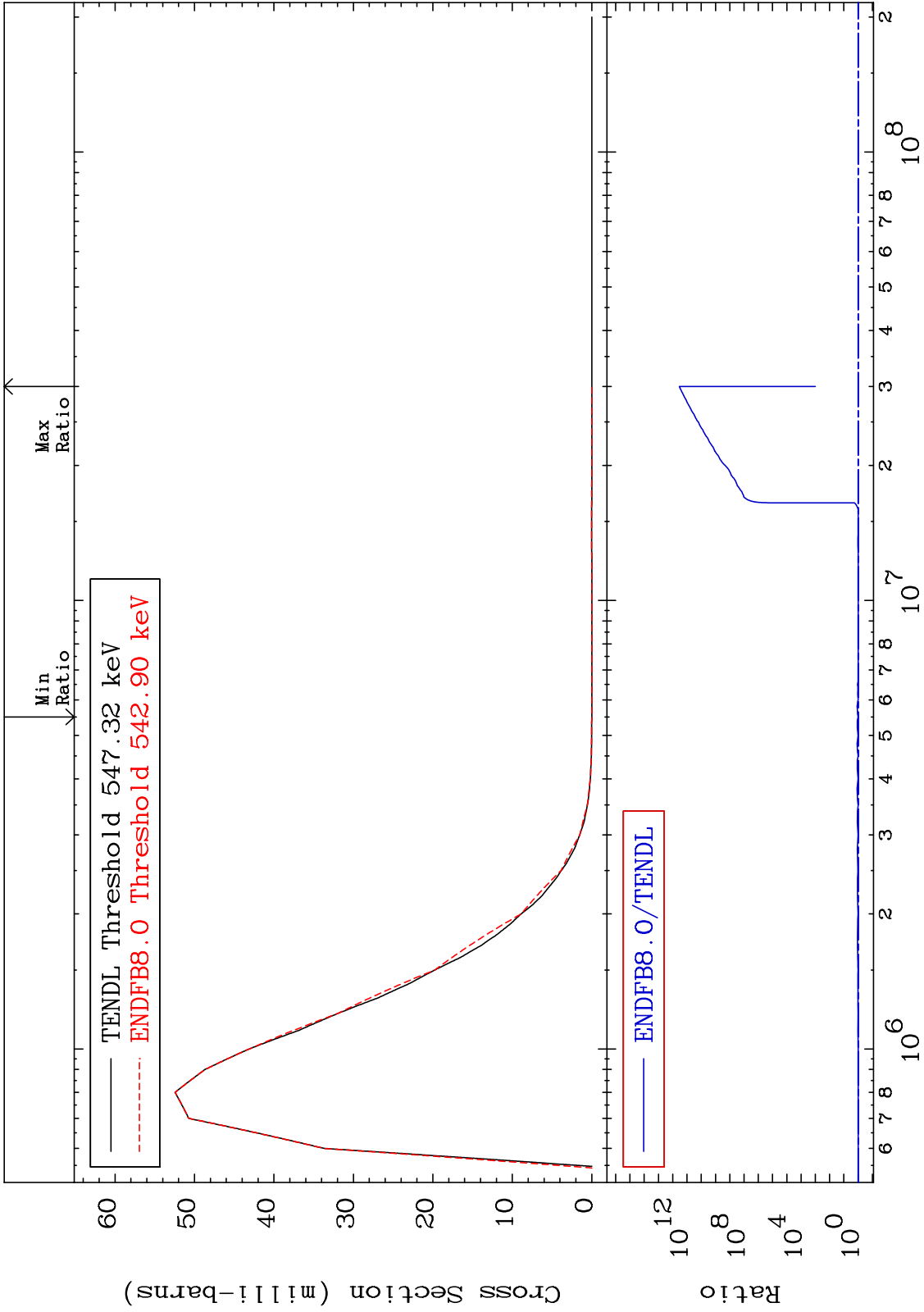
MAT 9234

MT= 75 (n,n') Level

92-U -237

-1.777 To 9999. %

Cross Section



32

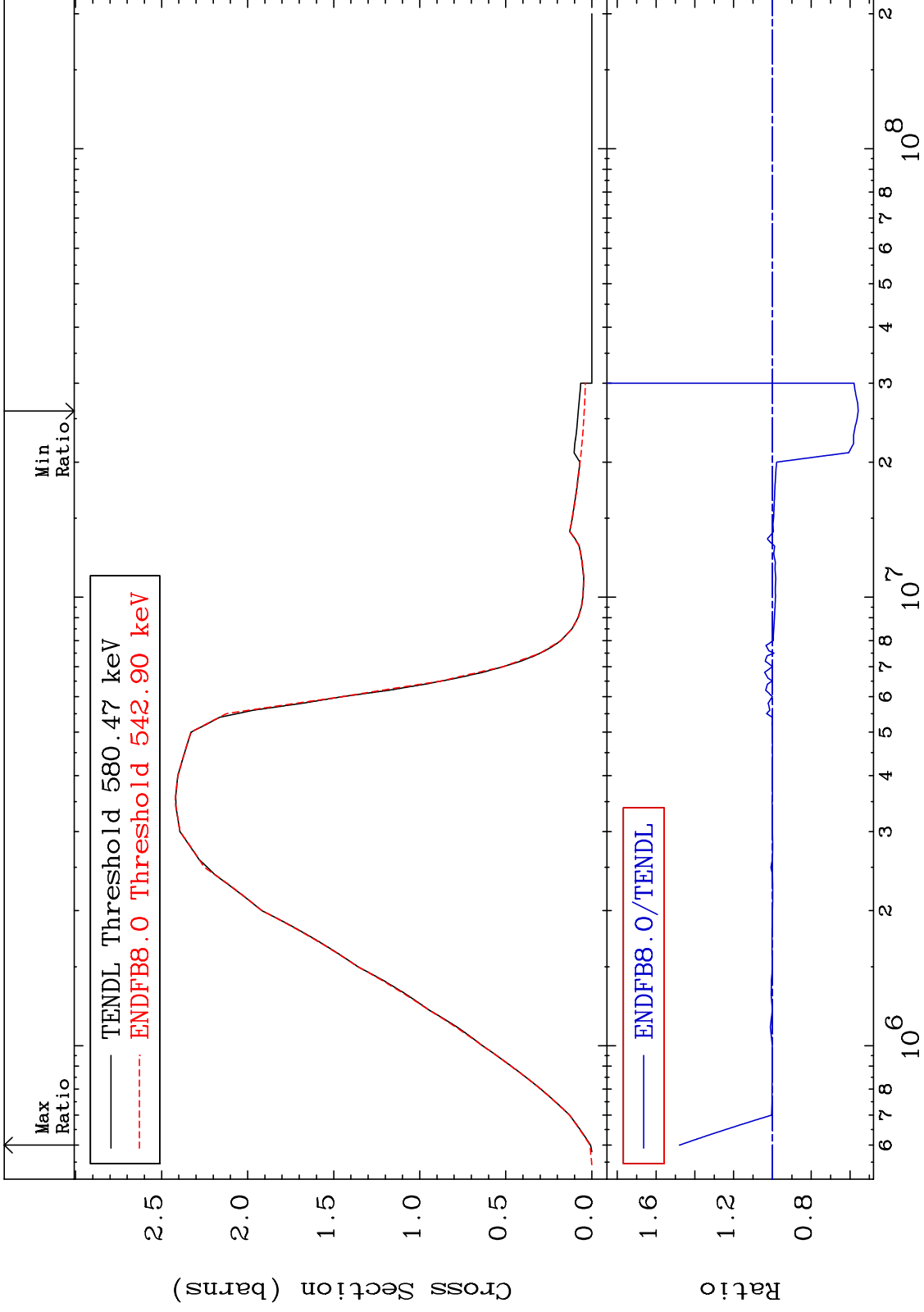
Incident Energy (eV)

92-U -237

MAT 9234

(n,n') Continuum  
Cross Section

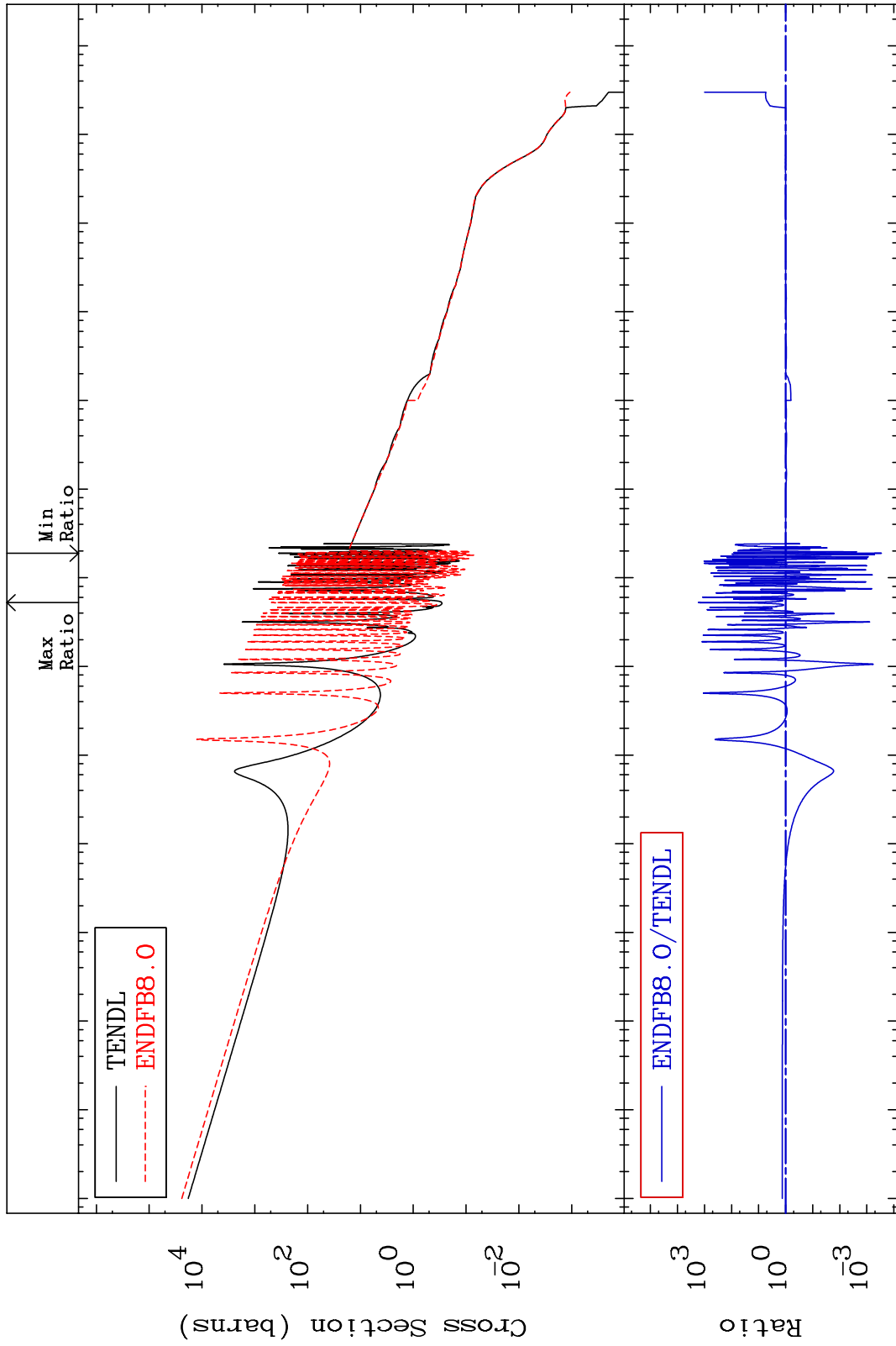
92-U -237  
-44.23 To 47.97 %



MAT 9234

(n,  $\gamma$ )  
Cross Section

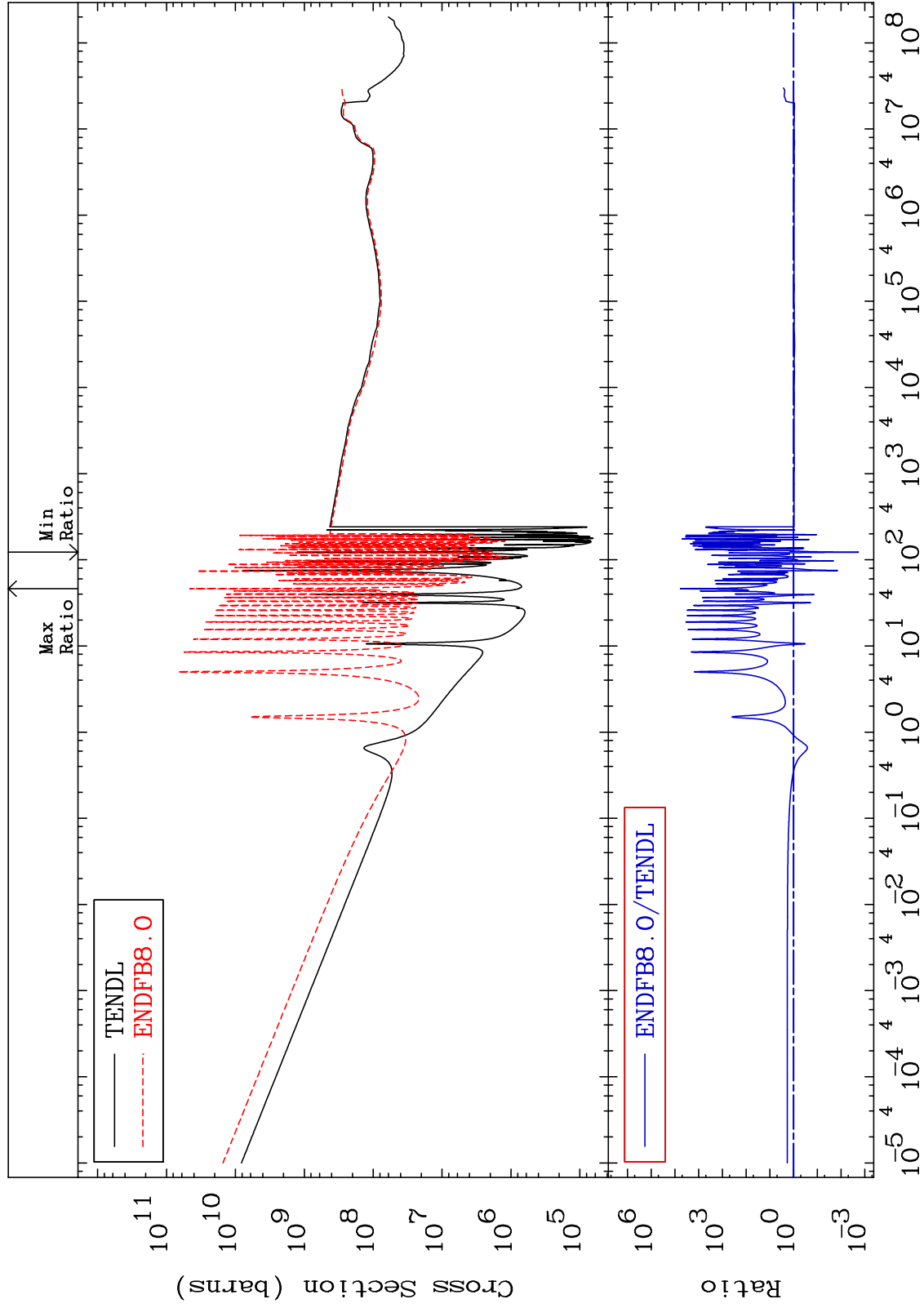
92-U -237  
-99.97 To 9999. %



MAT 9234

Kerma total (eV-barns)  
Cross Section

92-U -237  
-99.82 To 9999. %



35

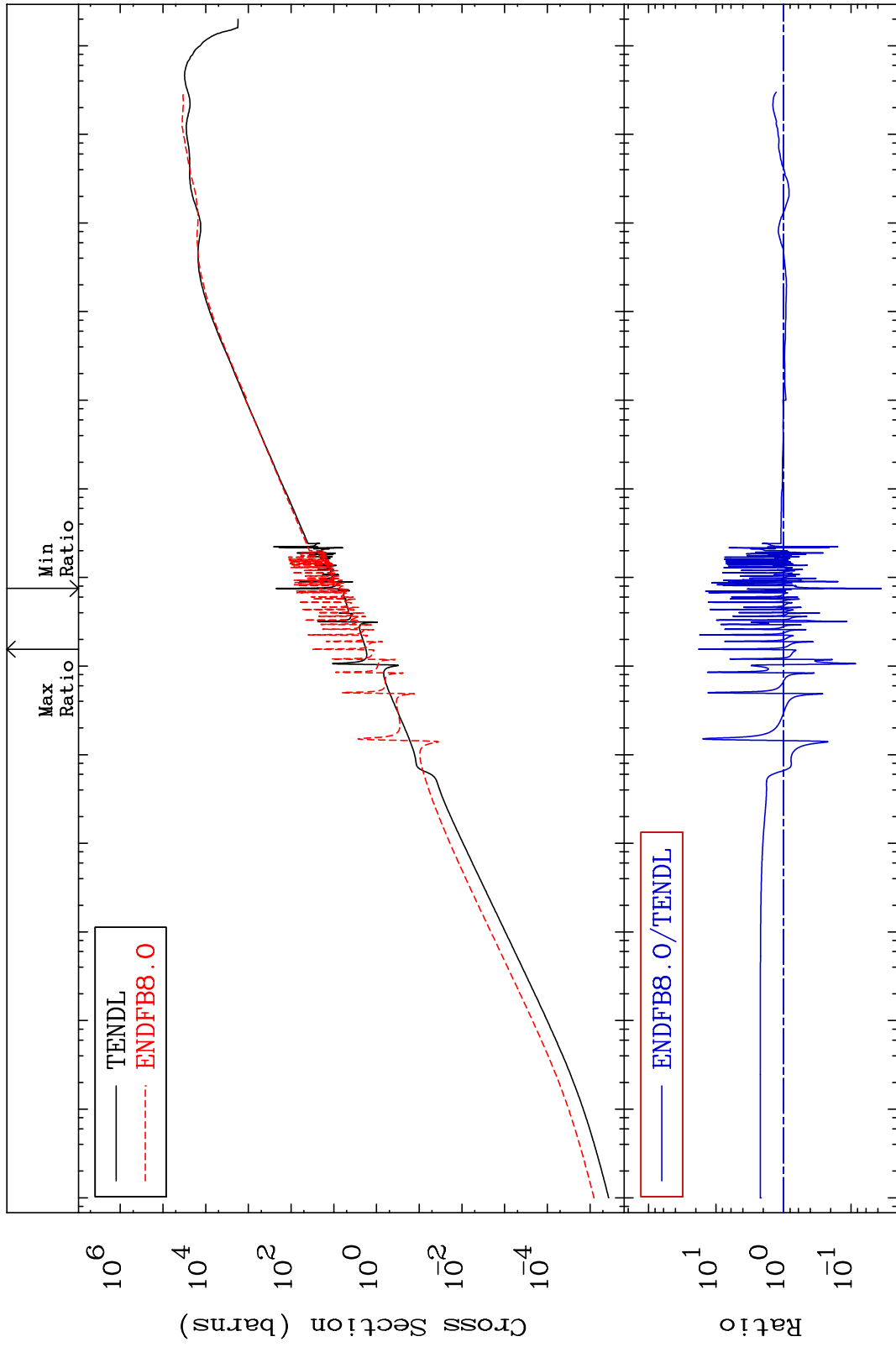
Incident Energy (eV)

92-U -237

MAT 9234

Kerma elastic  
Cross Section

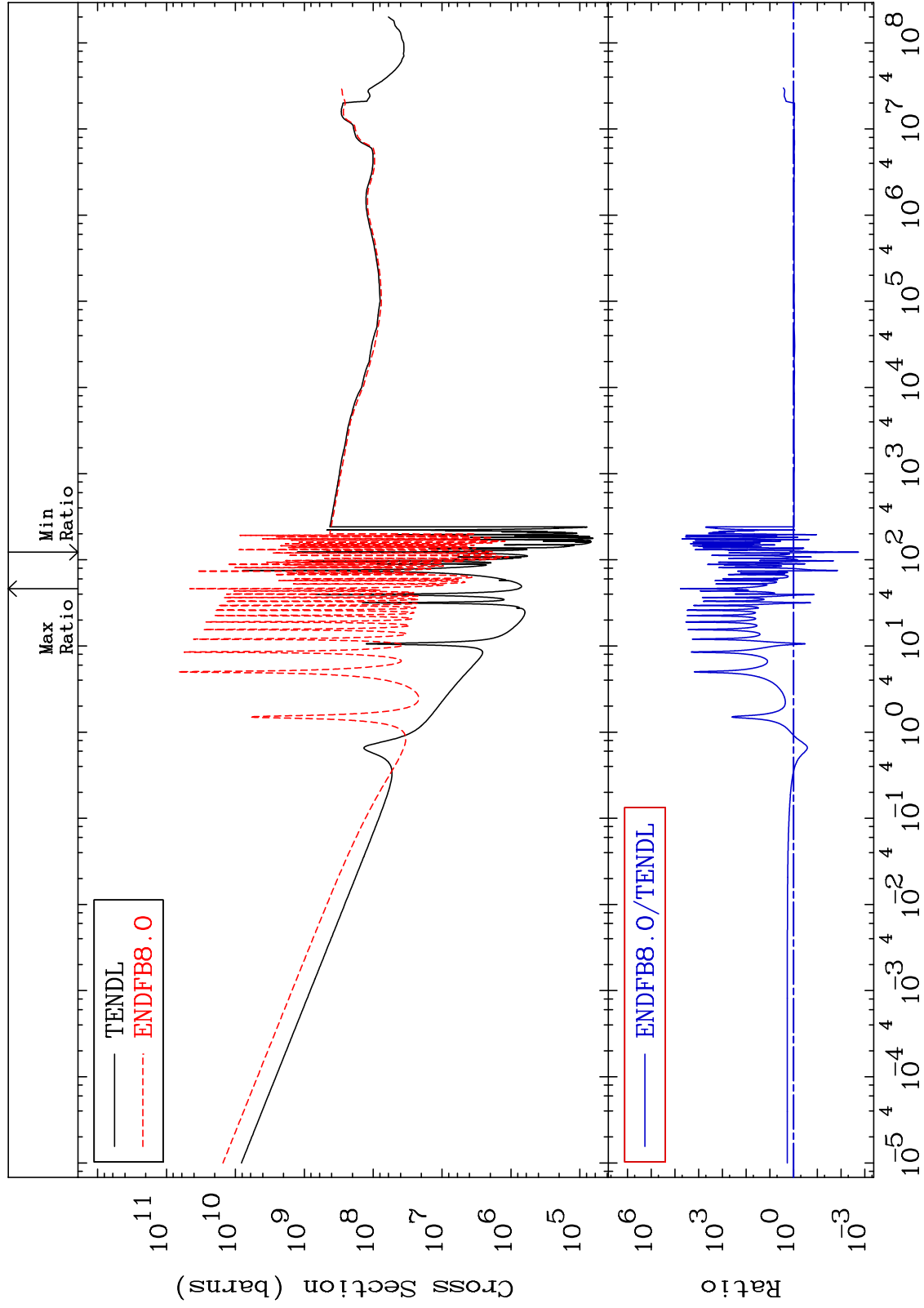
92-U -237  
-96.47 To 1728. %



MAT 9234

Kerma non-elastic (all but mt2)  
Cross Section

92-U -237  
-99.82 To 9999. %



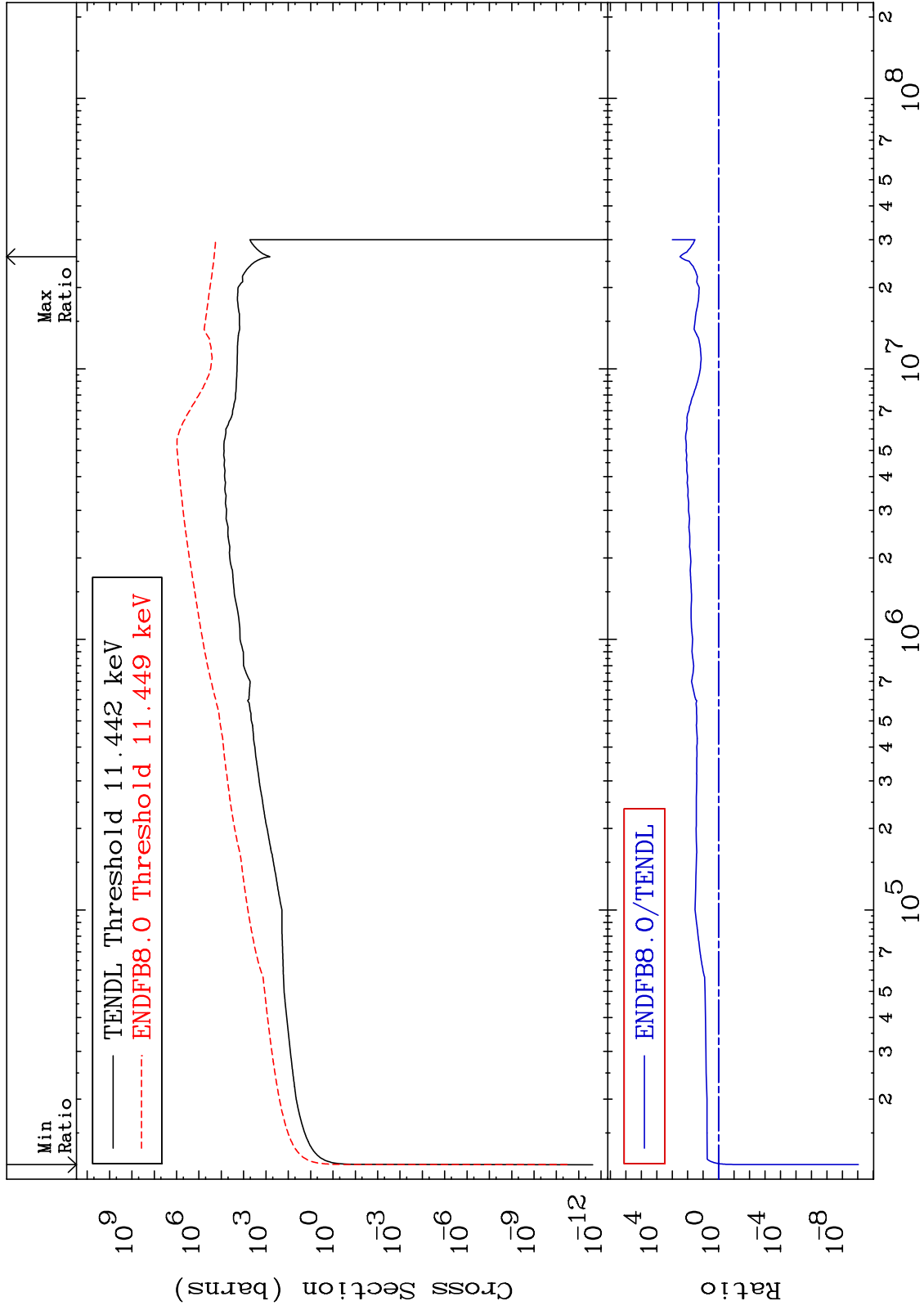
37

92-U -237

MAT 9234

Kerma inelastic (mt51-91)  
Cross Section

92-U -237  
-100.0 To 9999. %



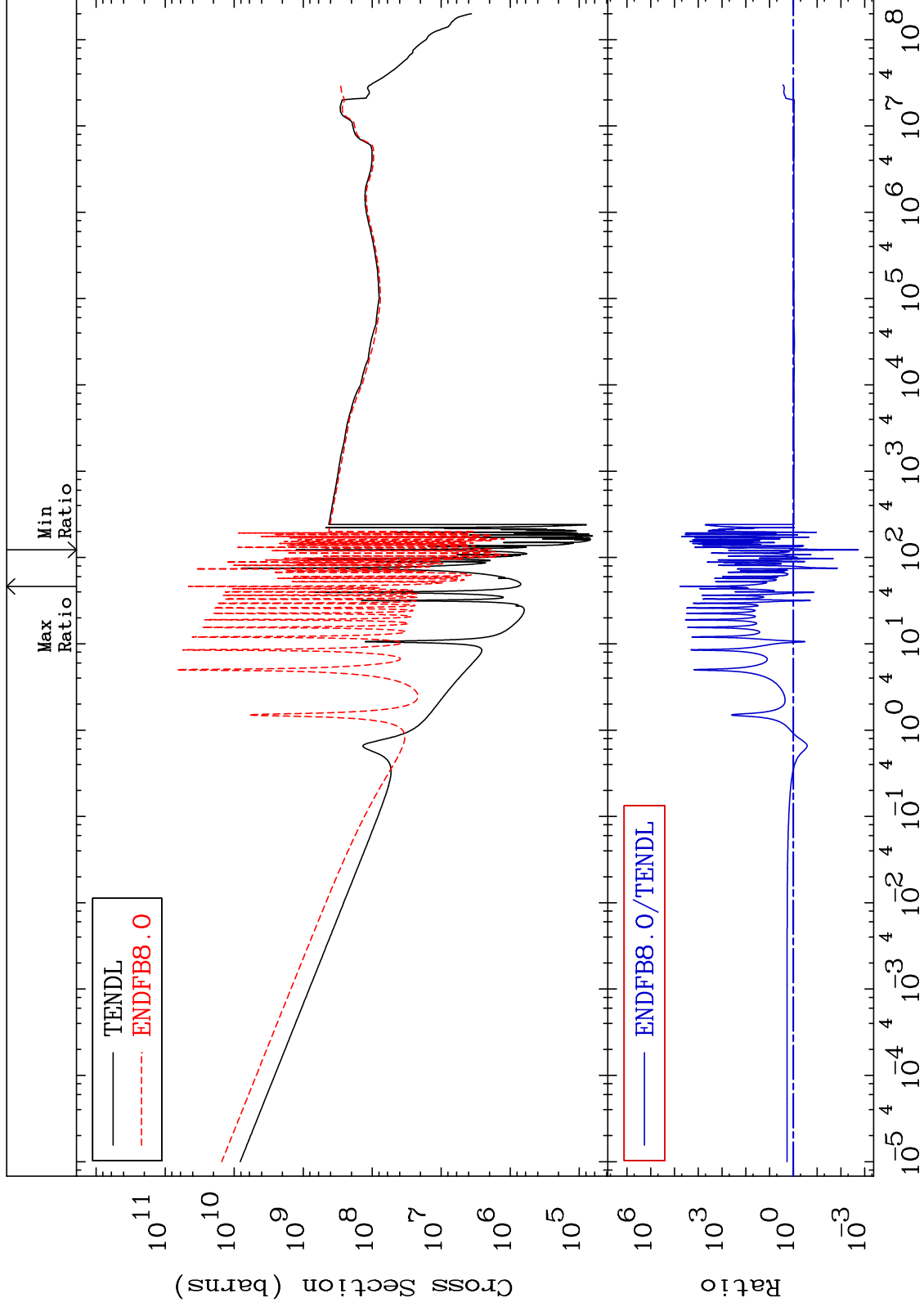
MAT 9234

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

92-U -237

-99.82 To 9999. %

Cross Section



39

Incident Energy (eV)

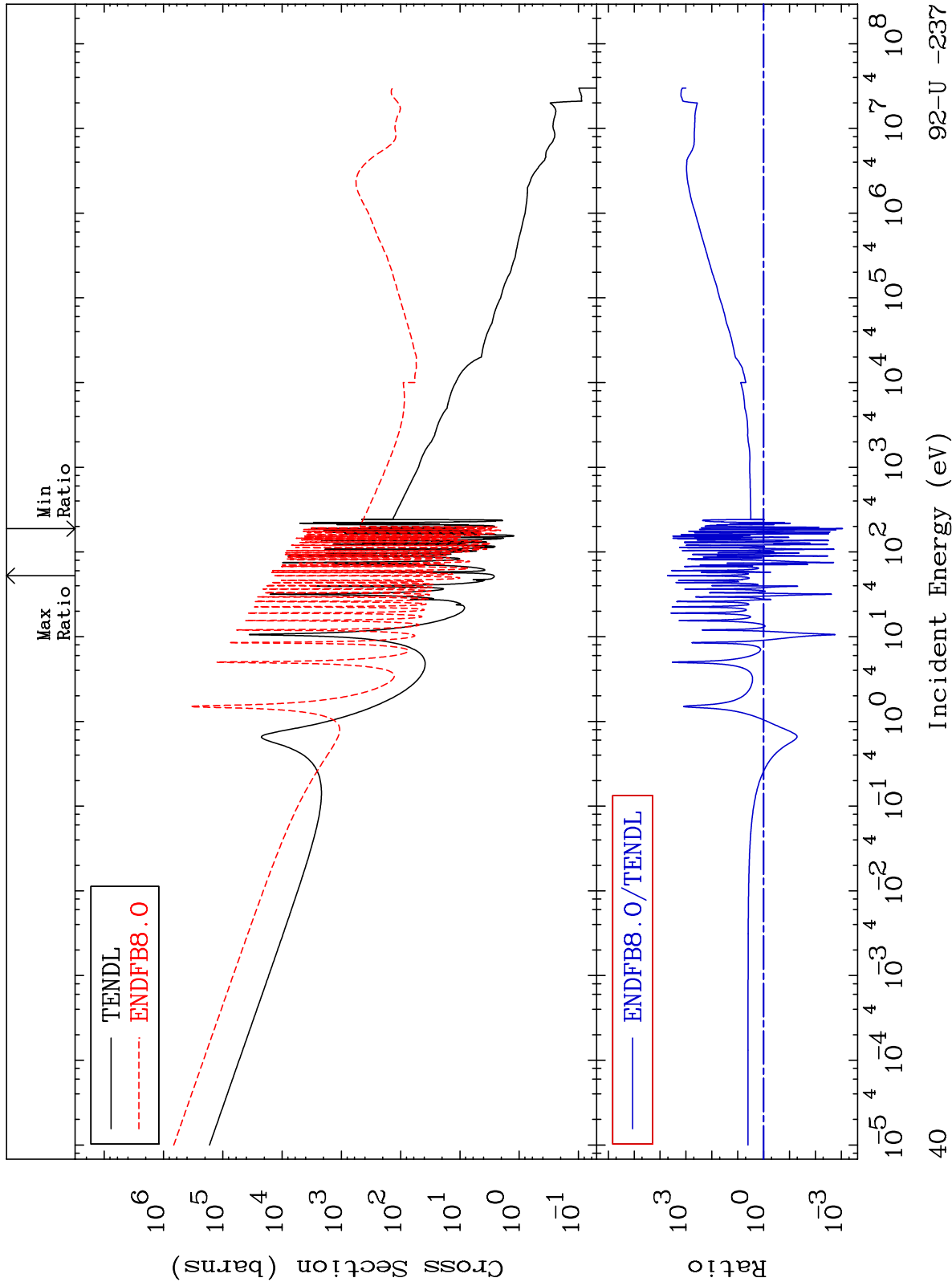
92-U -237



MAT 9234

Kerma capture (mt102)  
Cross Section

92-U -237  
-99.91 To 9999. %



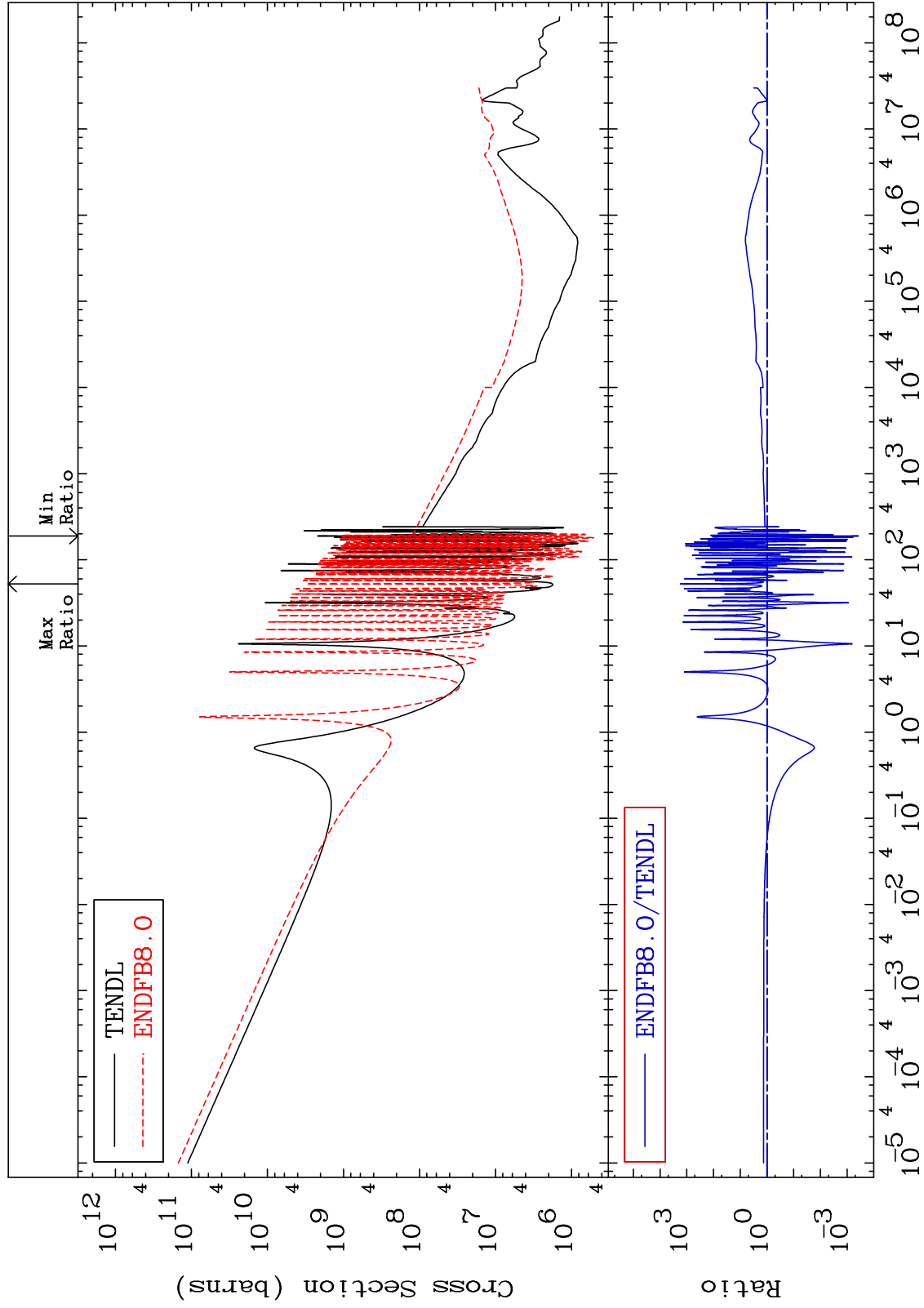
40

92-U -237

MAT 9234

Total photon (eV-barns)  
Cross Section

92-U -237  
-99.96 To 9999. %



41

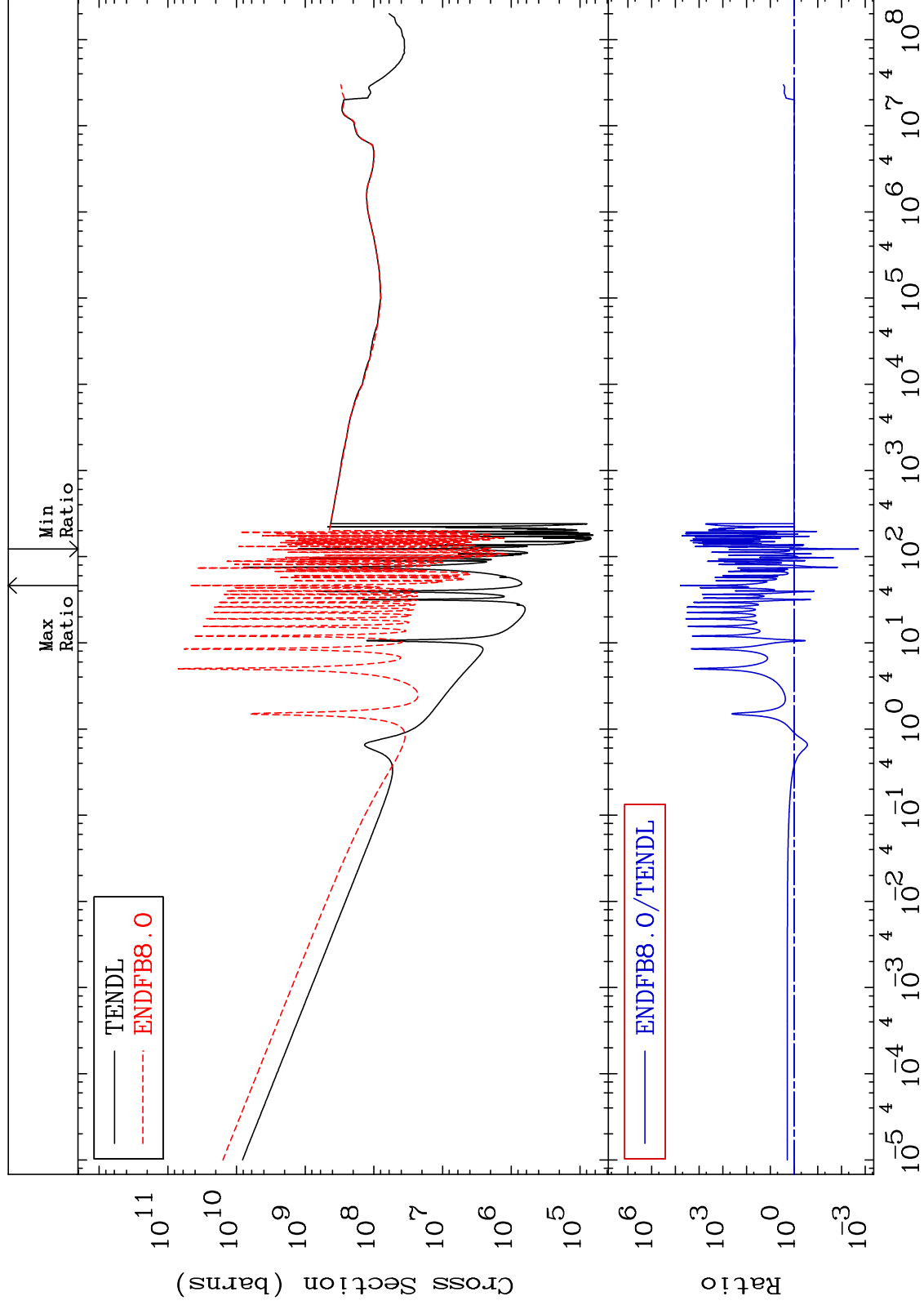
Incident Energy (eV)

92-U -237

MAT 9234

Total kinematic kerma (high limit)  
Cross Section

92-U -237  
-99.81 To 9999. %



42

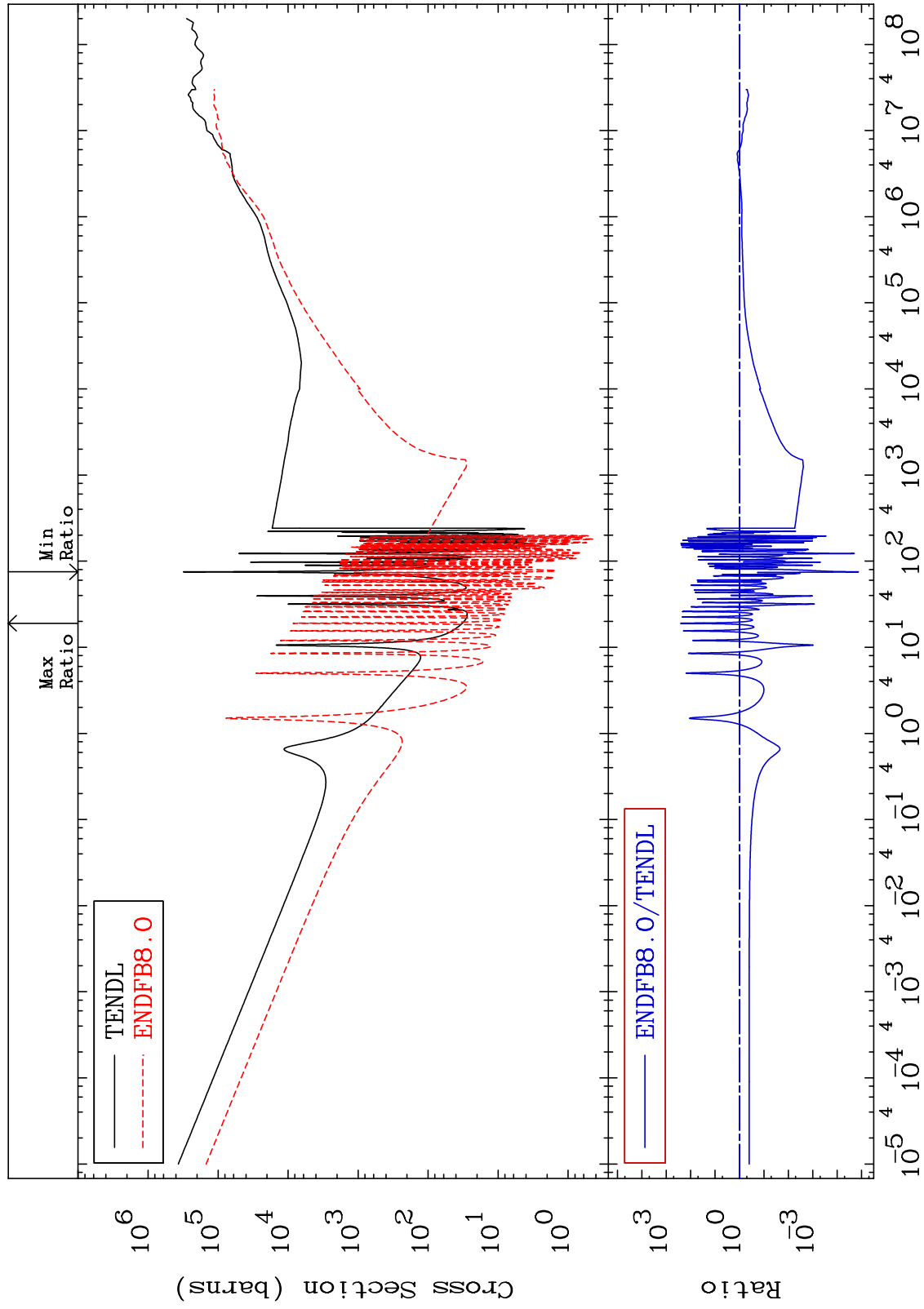
Incident Energy (eV)

92-U -237

MAT 9234

Dpa total (eV-barns)

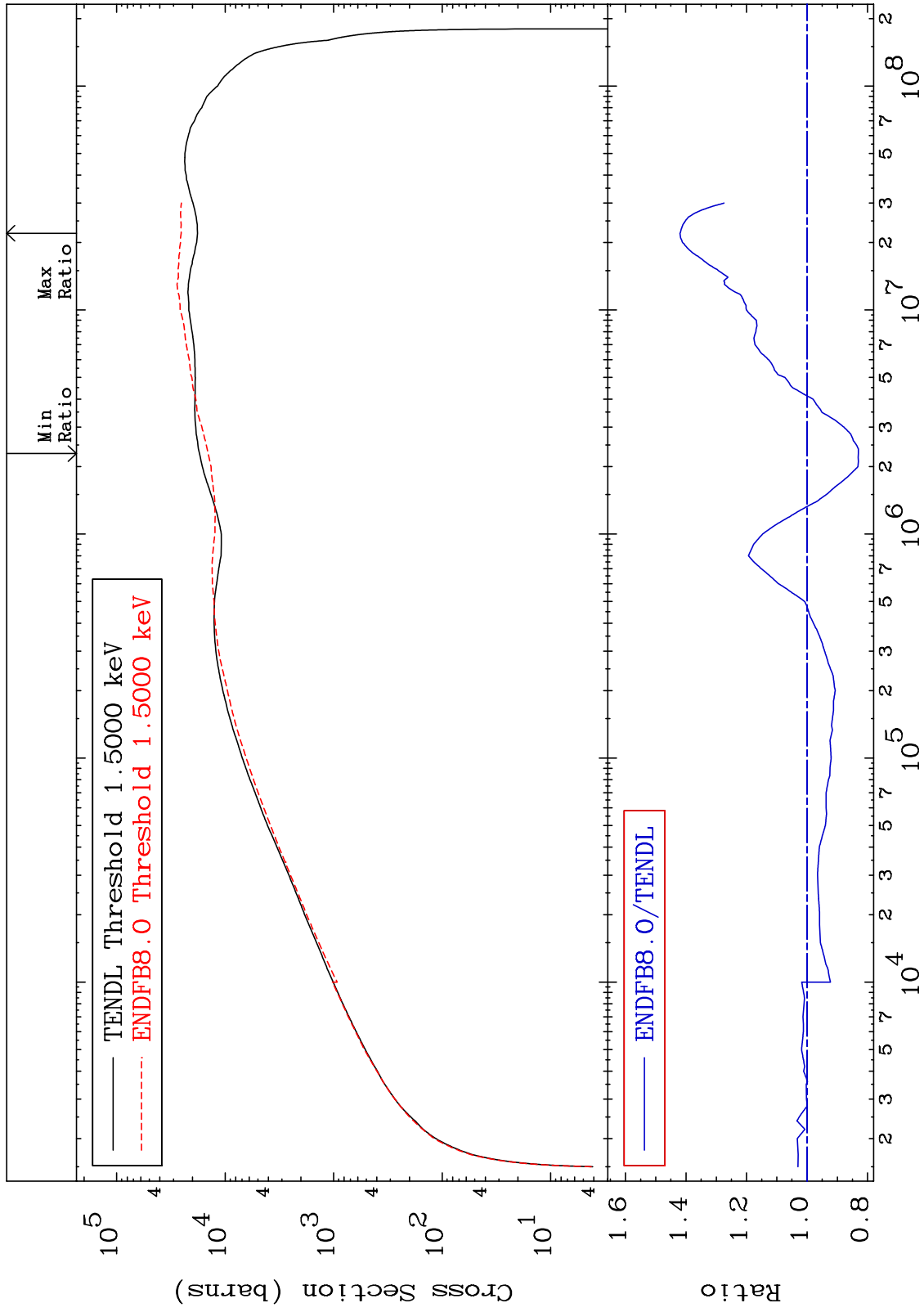
92-U -237  
-100.0 To 9999. %



MAT 9234

Dpa elastic (mt2)  
Cross Section

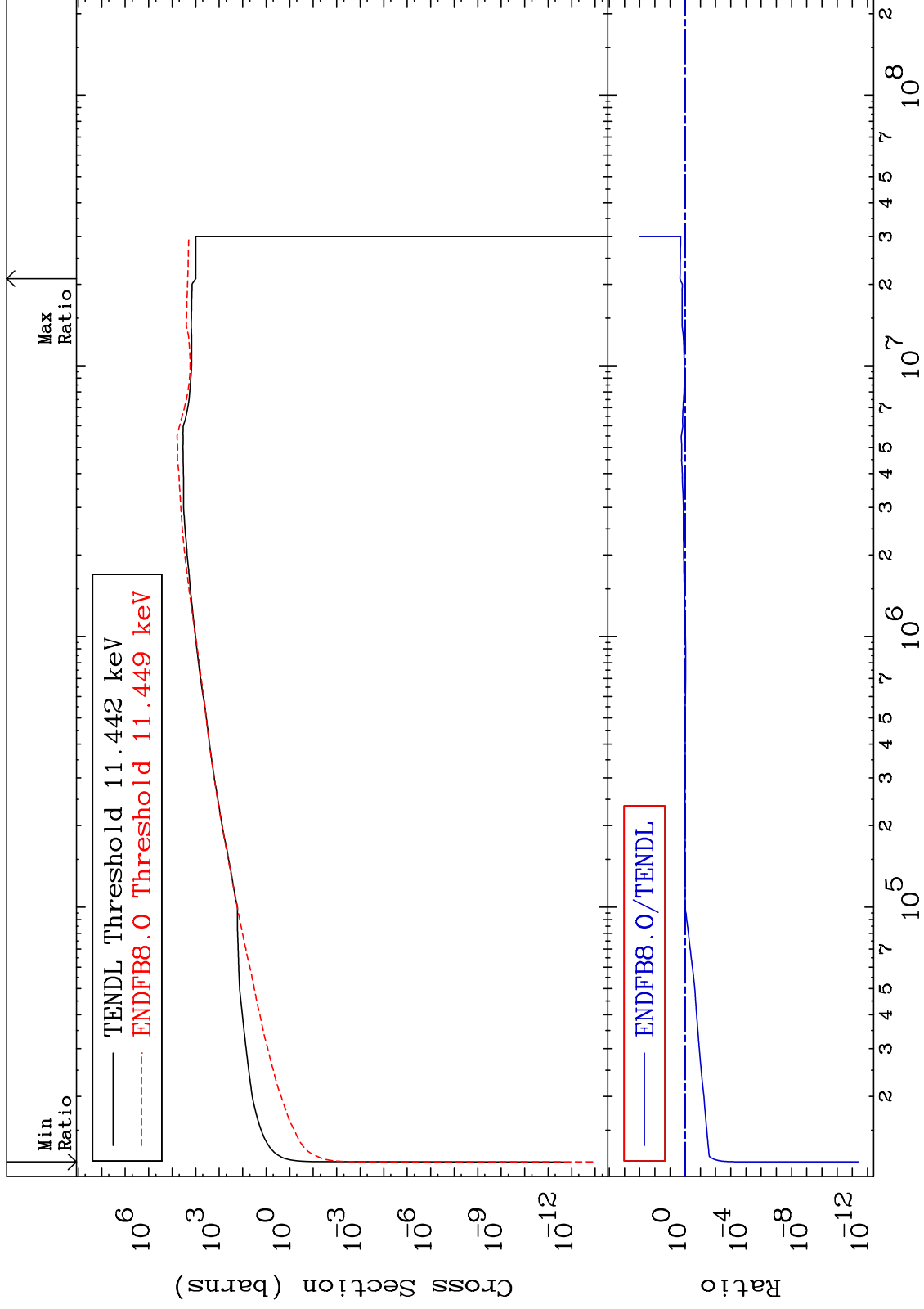
92-U -237  
-16.96 To 41.98 %



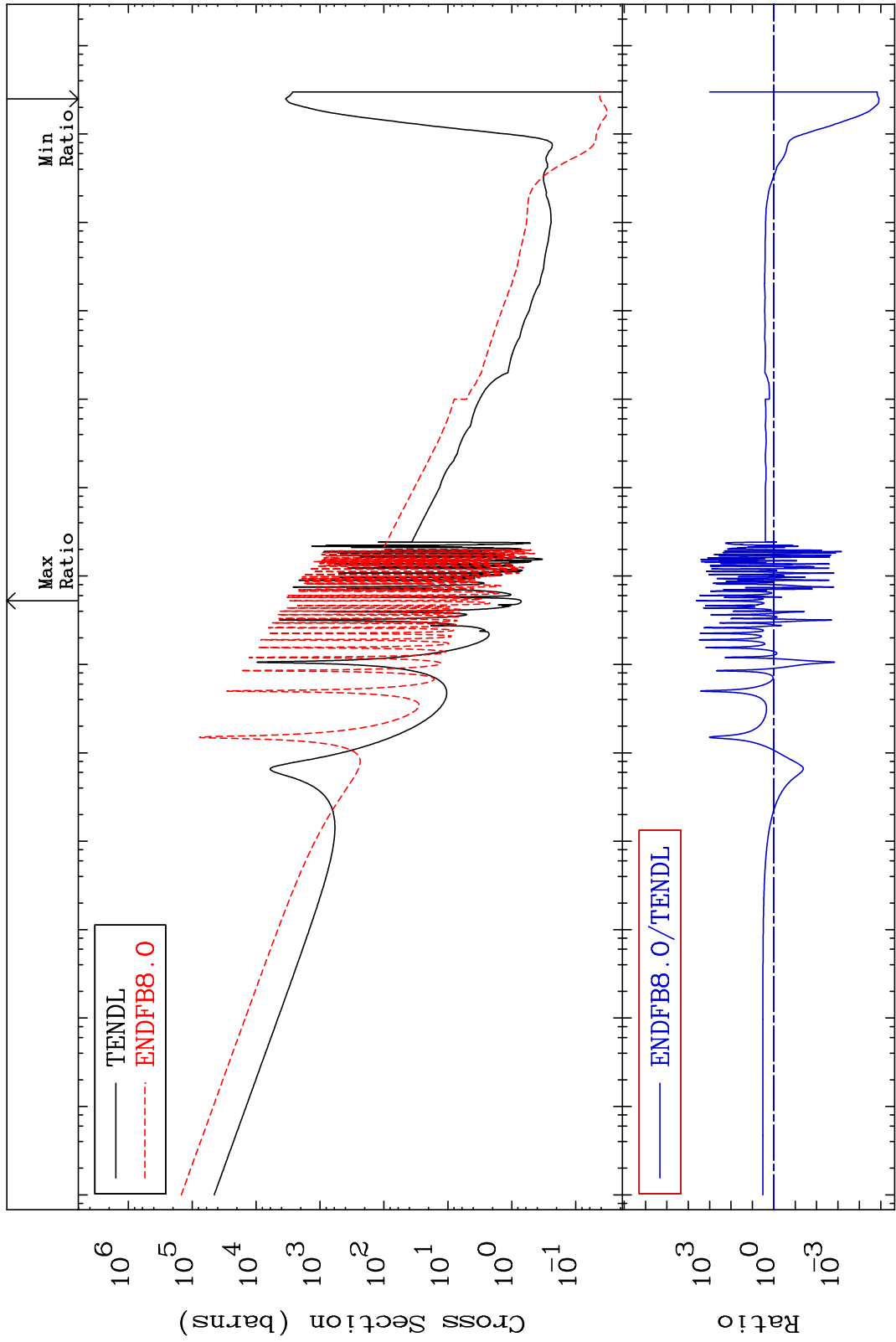
MAT 9234

Dpa inelastic (mt51-91)  
Cross Section

92-U -237  
-100.0 To 120.5 %



MAT 9234      Dpa disappearance (mt102 -120)      92-U -237  
 -100.0 To 9999. %  
 Cross Section



46      Incident Energy (eV)      92-U -237