

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

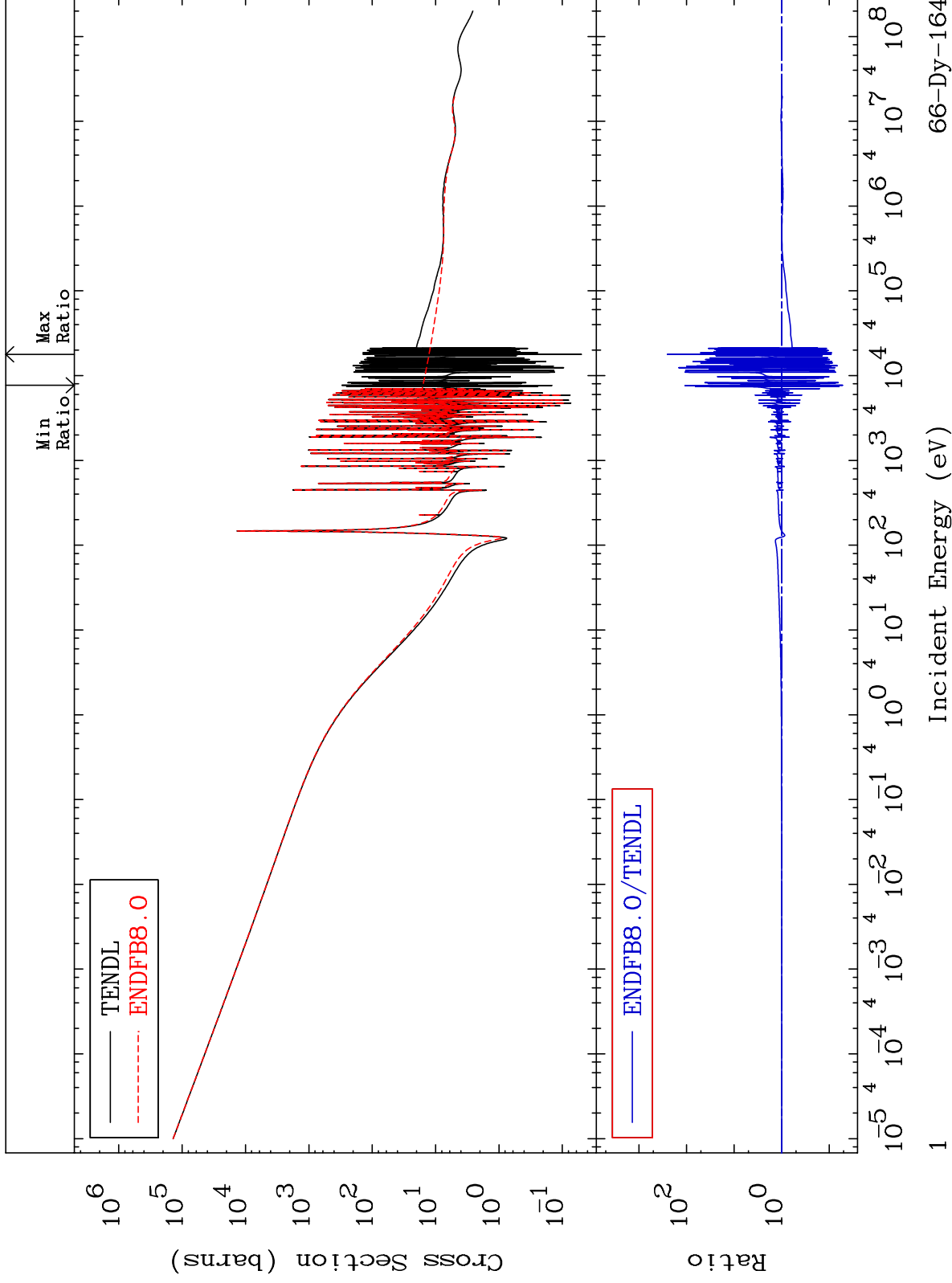
MAT 6649

Total

66-Dy-164

Cross Section

-94.76 To 9999. %



66-Dy-164

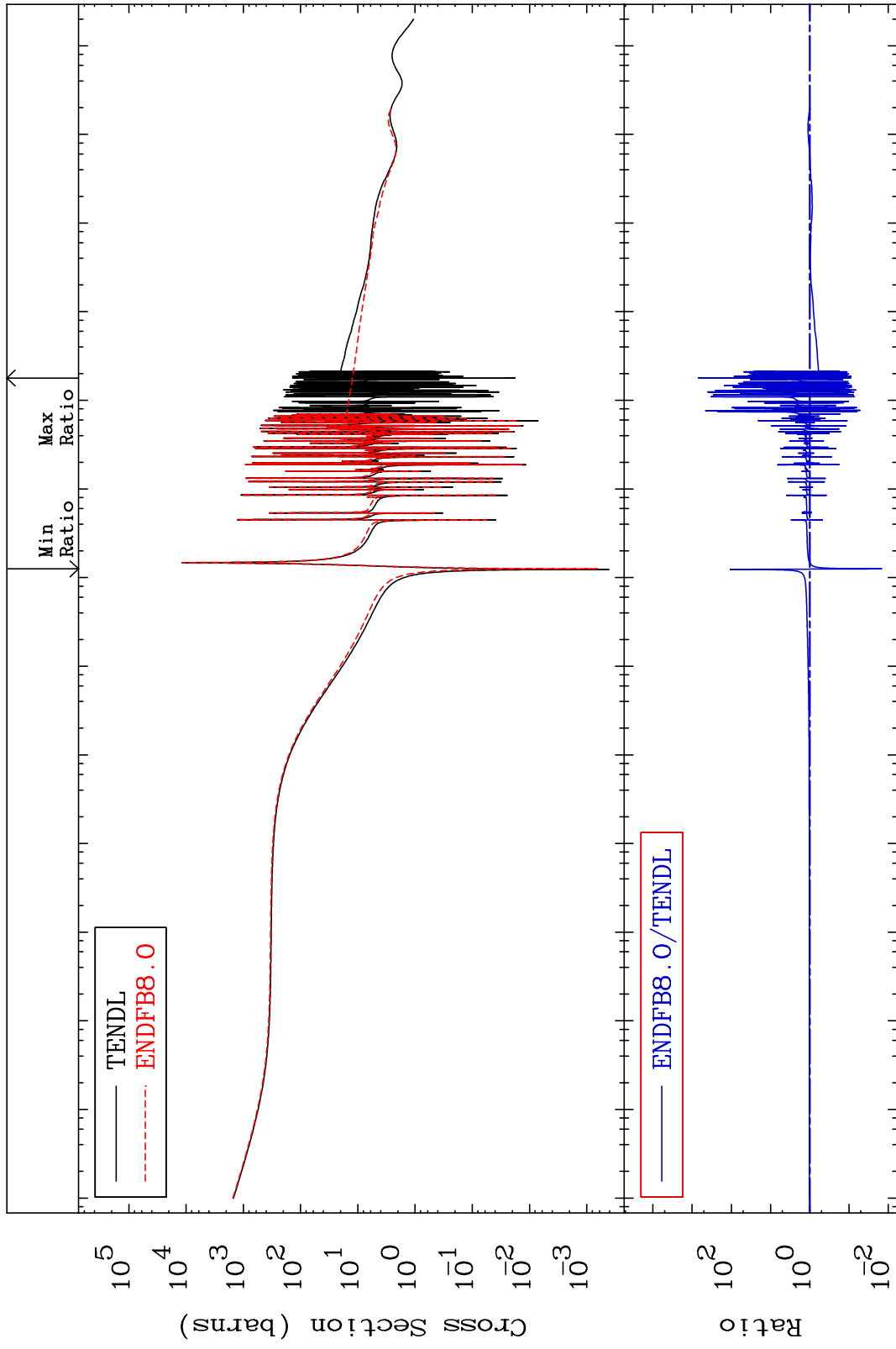
Incident Energy (eV)

1

MAT 6649

Elastic  
Cross Section

66-Dy-164  
-98.53 To 9999. %



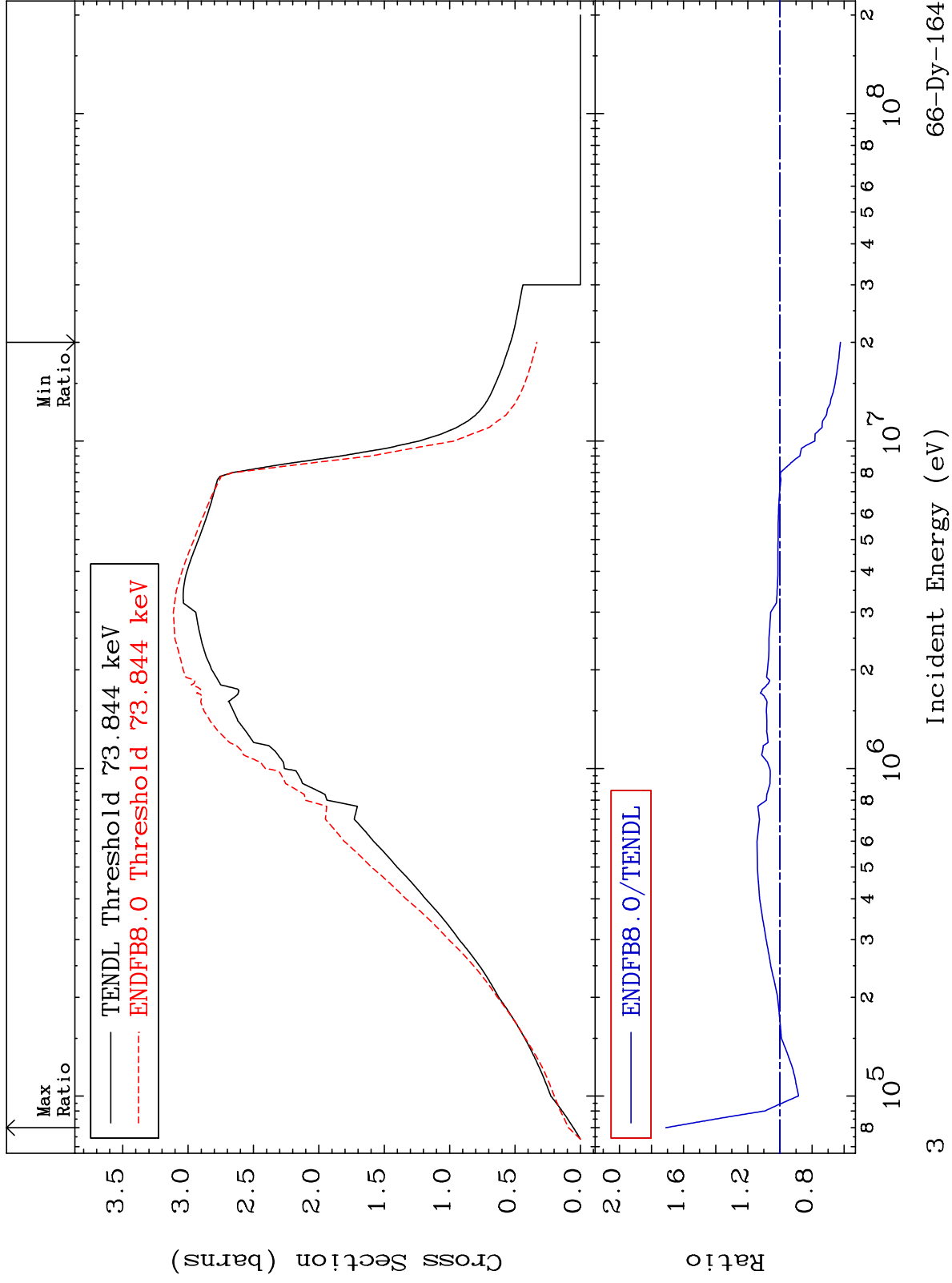
Incident Energy (eV)

66-Dy-164

MAT 6649

Inelastic  
Cross Section

66-Dy-164  
-37.75 To 71.04 %



3

66-Dy-164

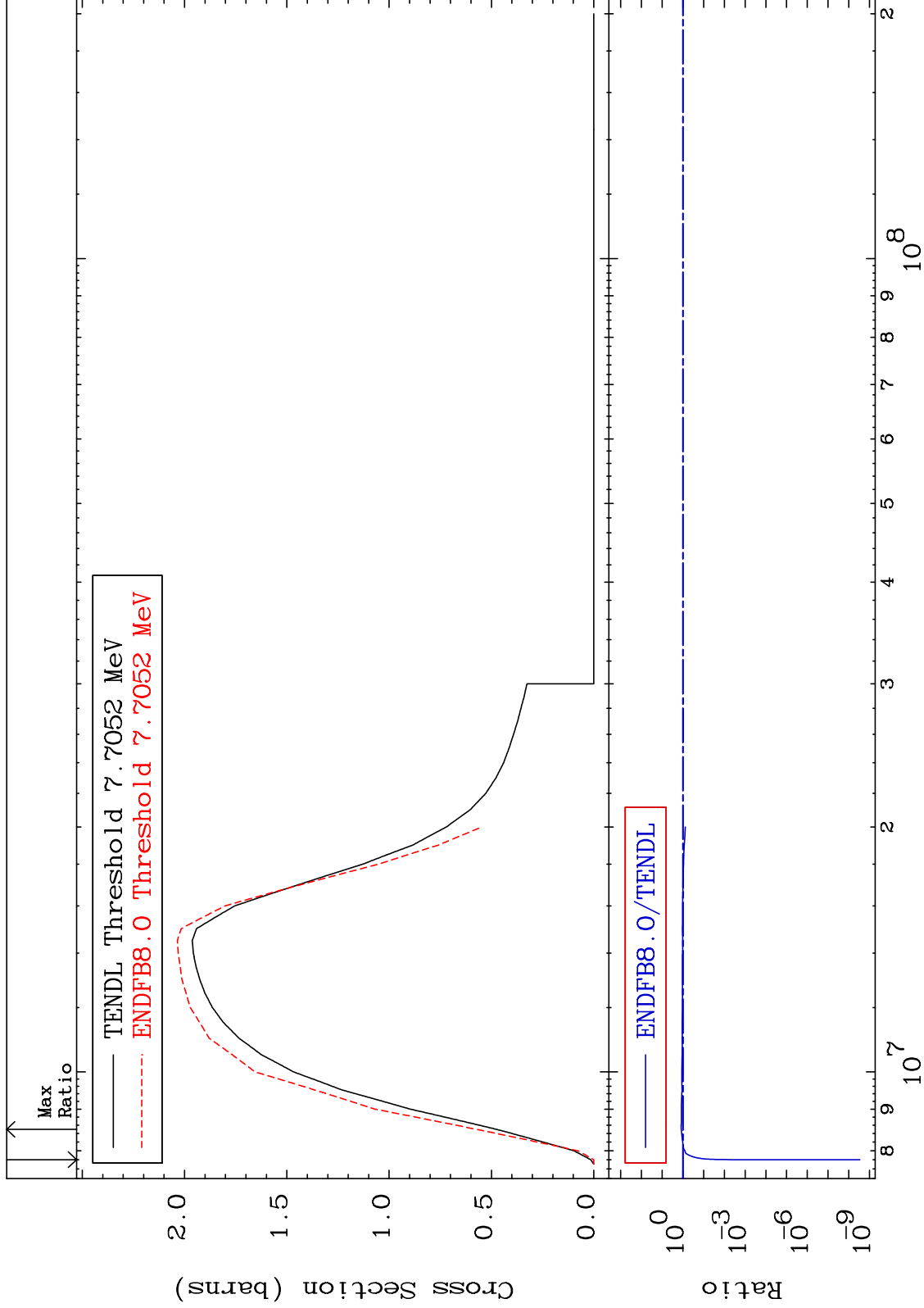
MAT 6649

(n,2n)

66-Dy-164

Cross Section

-100.0 To 20.61 %



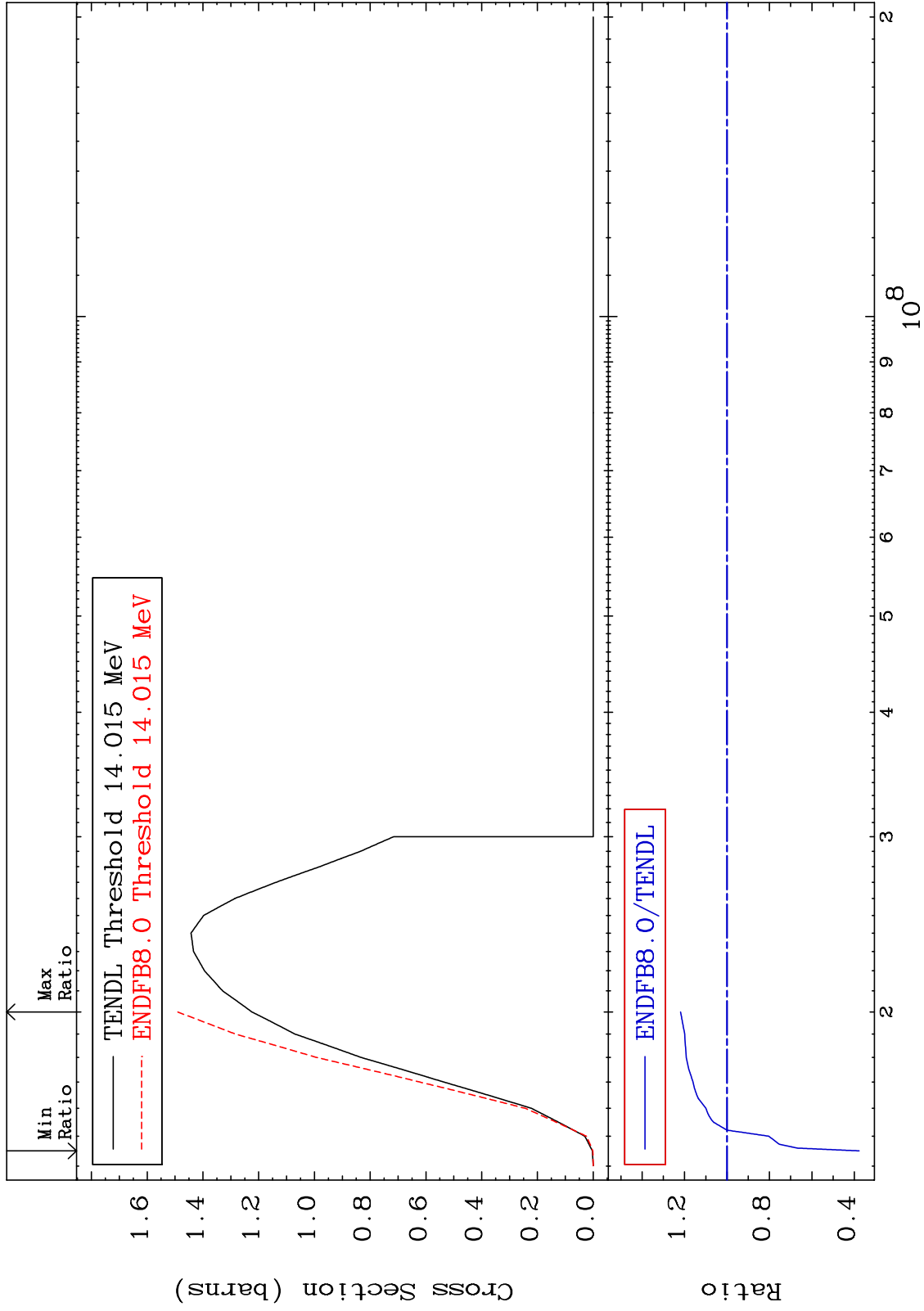
MAT 6649

(n, 3n)

66-Dy-164

Cross Section

-62.29 To 21.86 %



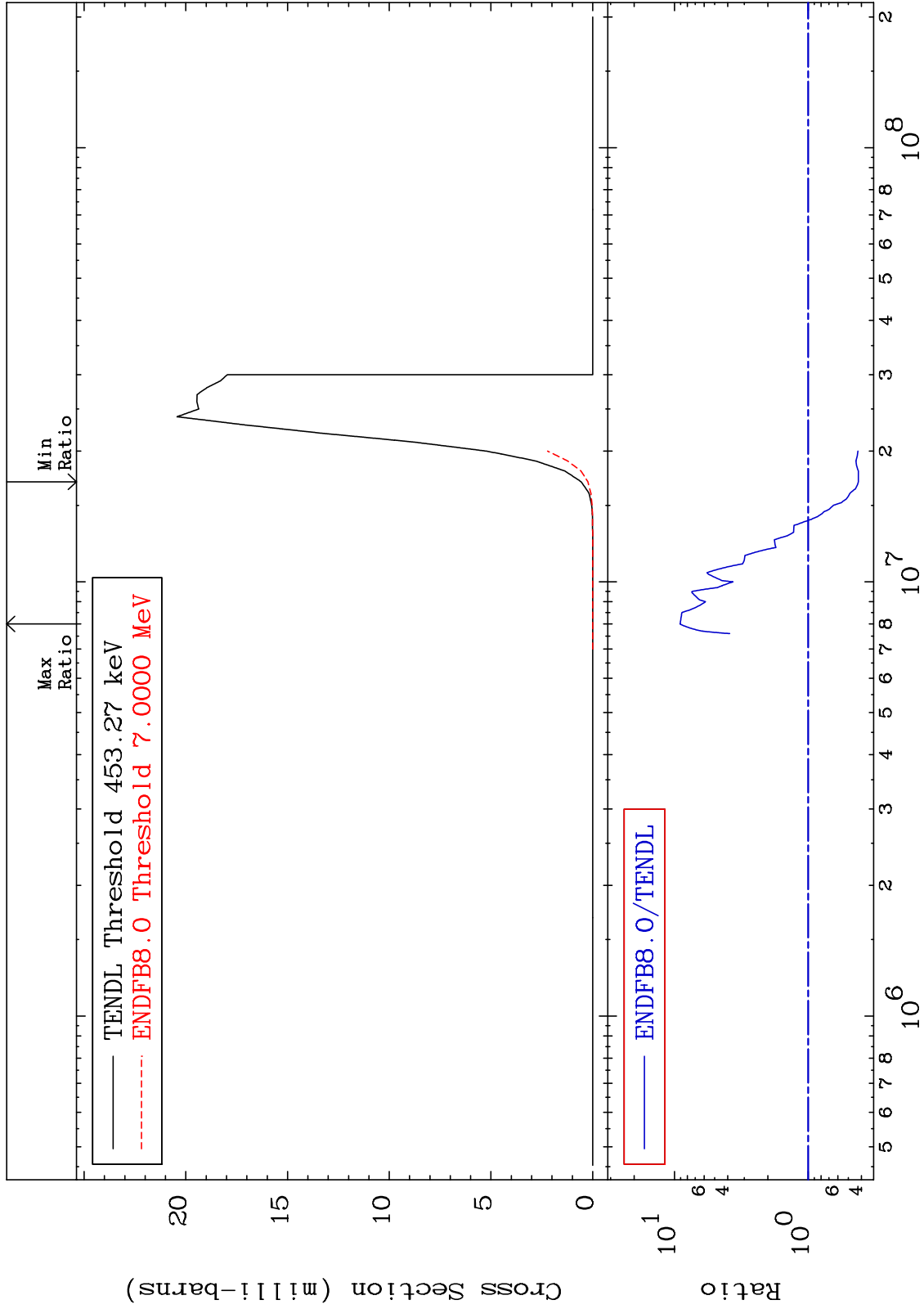
MAT 6649

(n, n')  $\alpha$

66-Dy-164

-57.95 To 808.4 %

Cross Section



6

Incident Energy (eV)

66-Dy-164

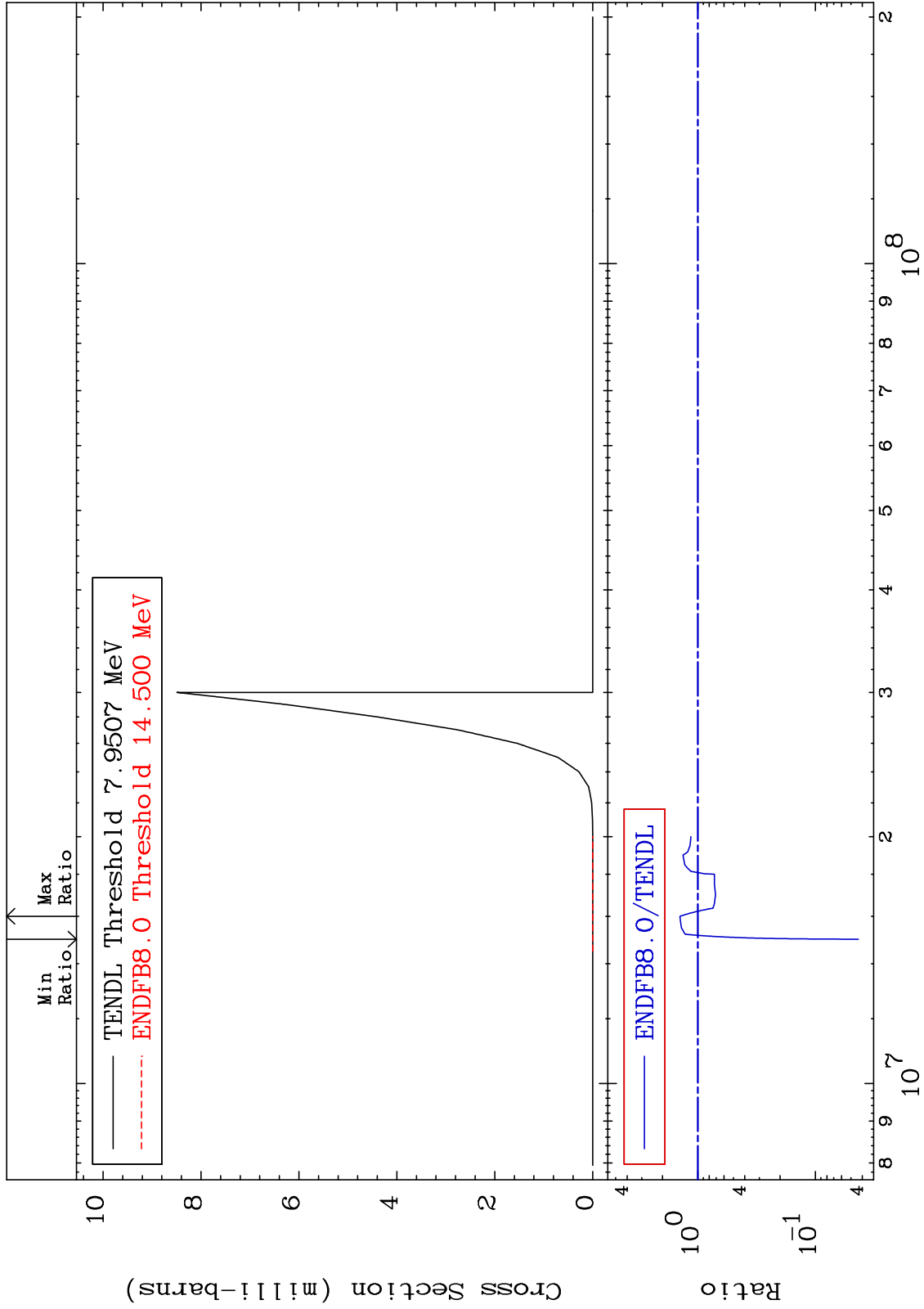
MAT 6649

(n,2n)  $\alpha$

66-Dy-164

Cross Section

-95.68 To 41.89 %



66-Dy-164

Incident Energy (eV)

7



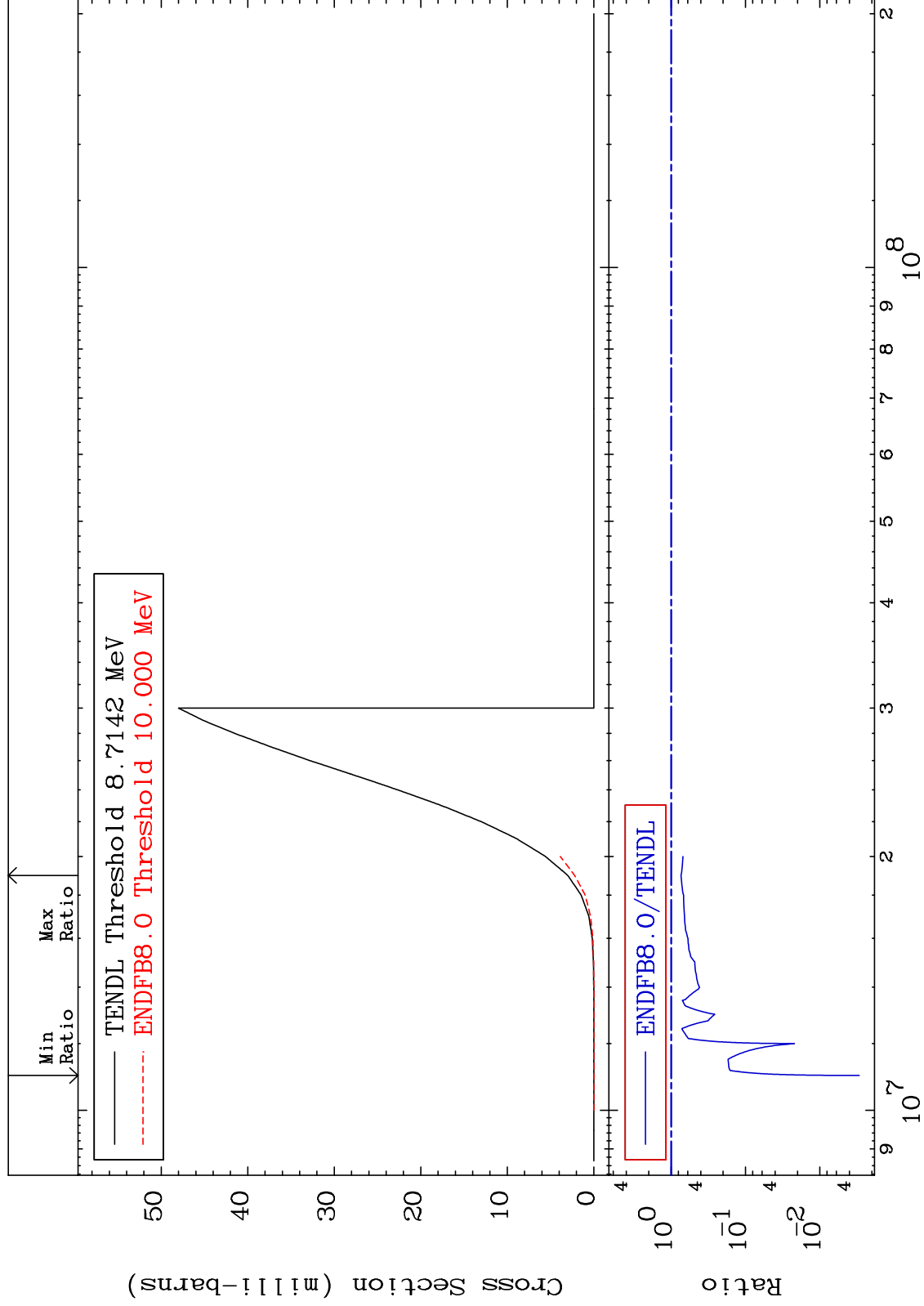
MAT 6649

(n,n') p

66-Dy-164

Cross Section

-99.71 To -26.43%



8

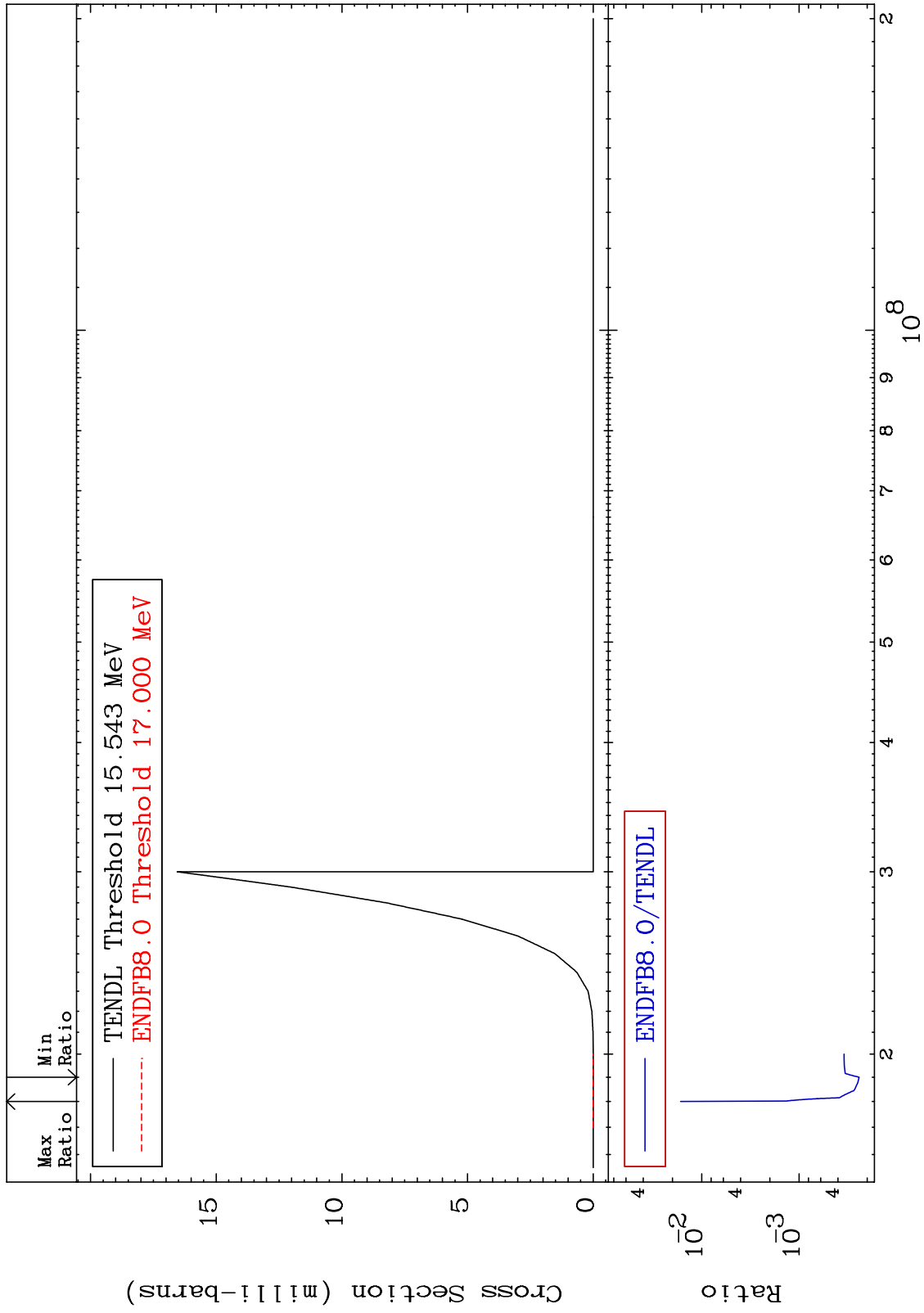
Incident Energy (eV)

66-Dy-164

MAT 6649

(n,2n) p  
Cross Section

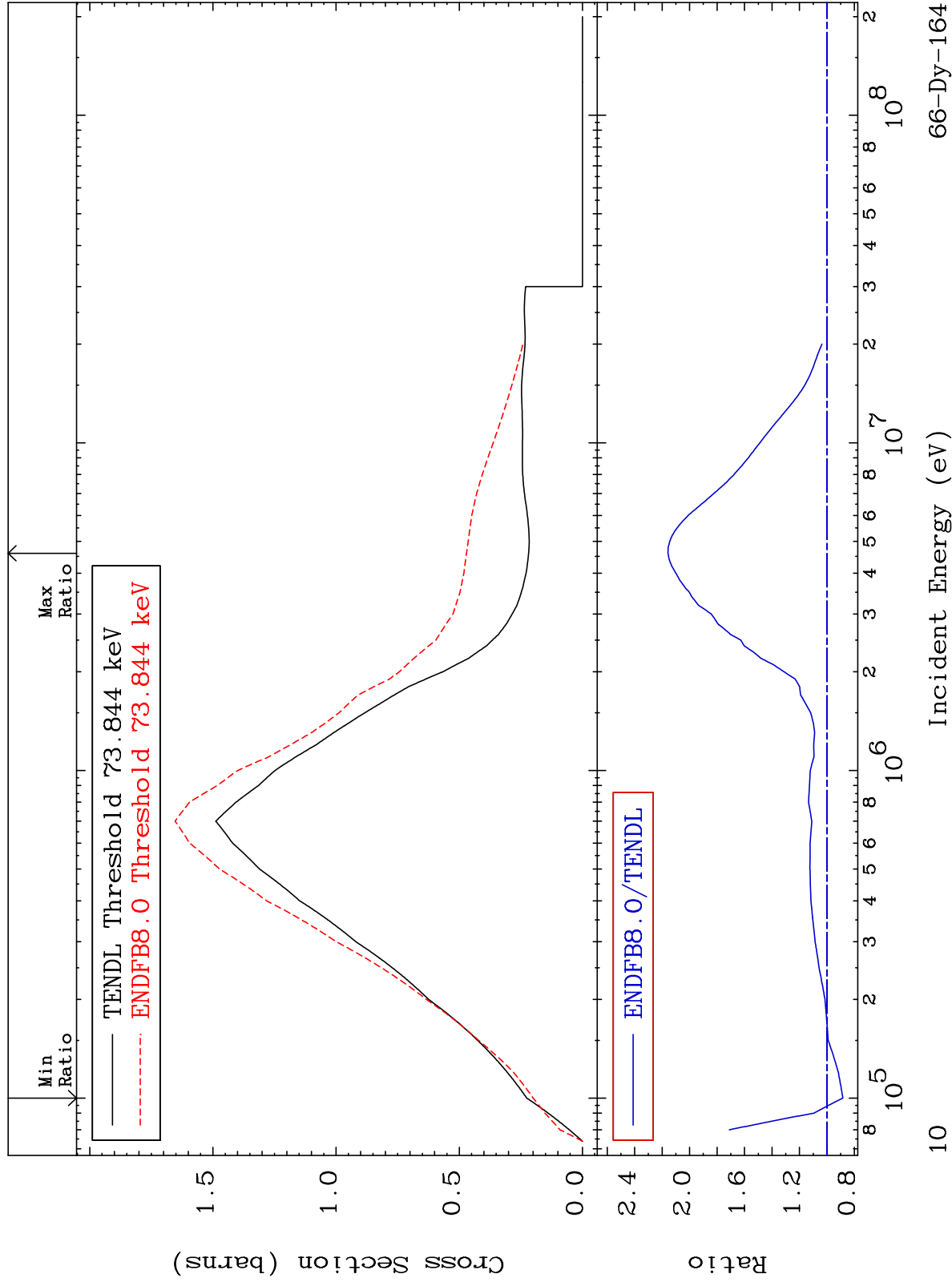
66-Dy-164  
-99.98 To -98.35%



MAT 6649

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

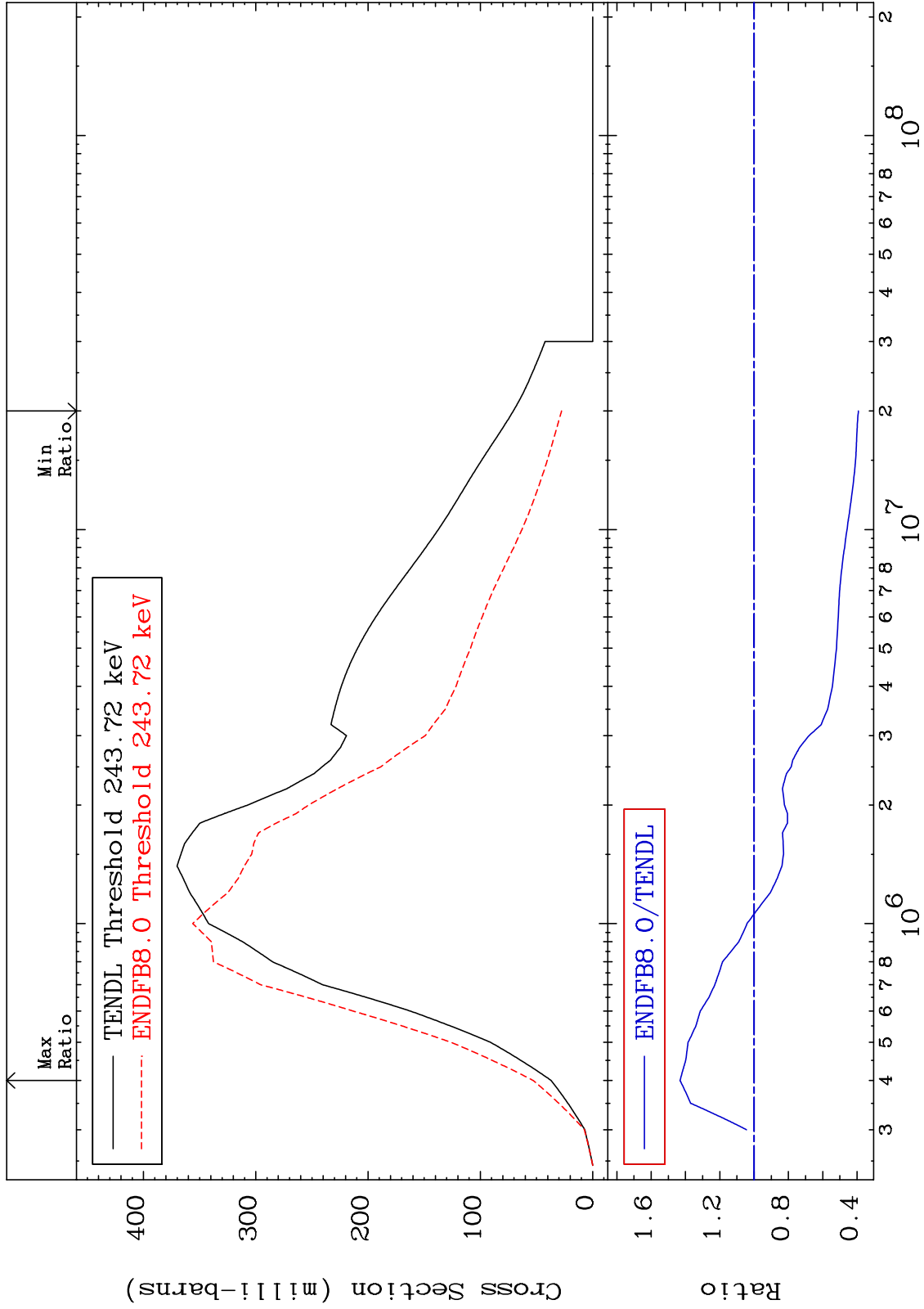
66-Dy-164  
-11.57 To 115.7 %



MAT 6649

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

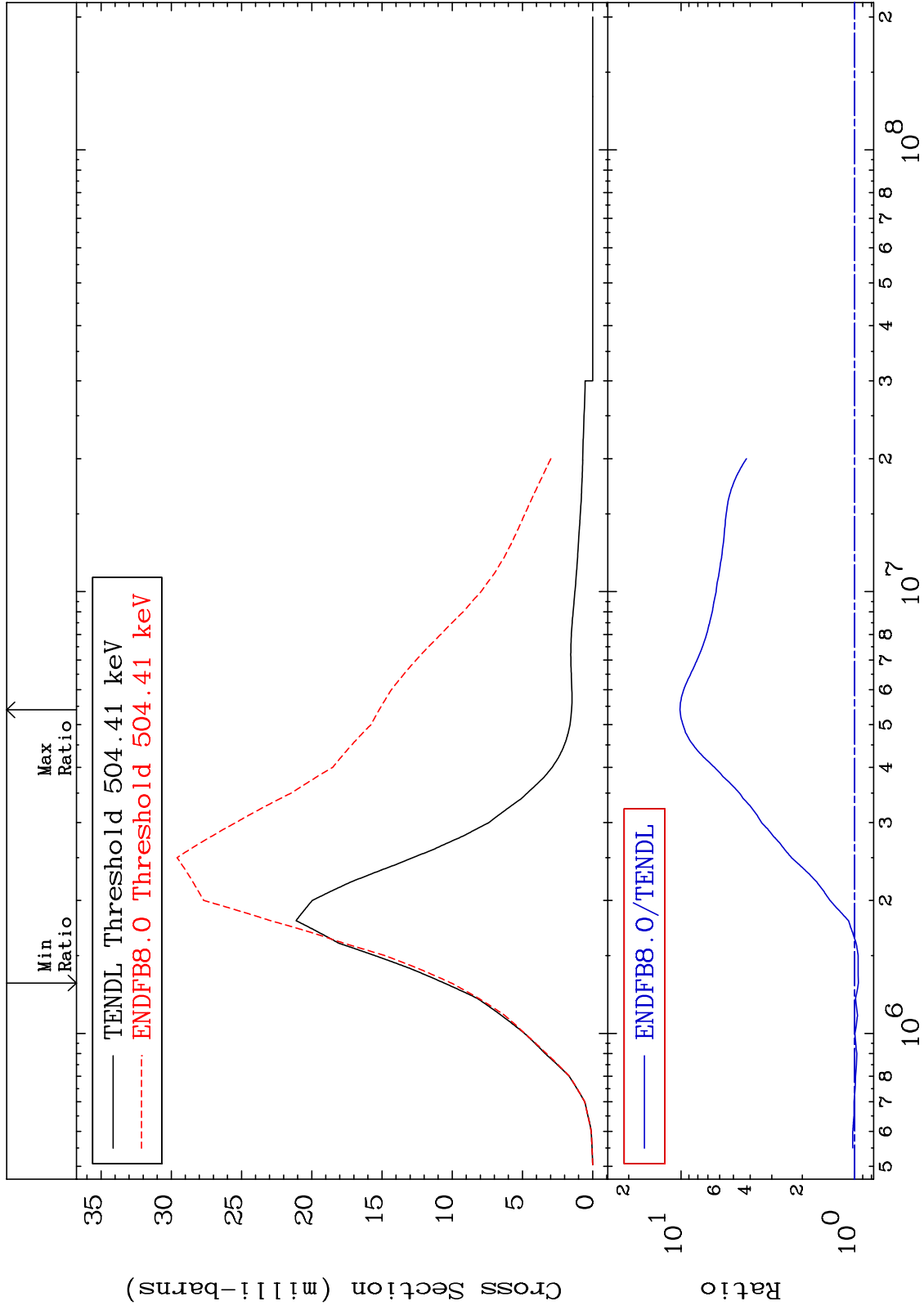
66-Dy-164  
-60.79 To 43.18 %



MAT 6649

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

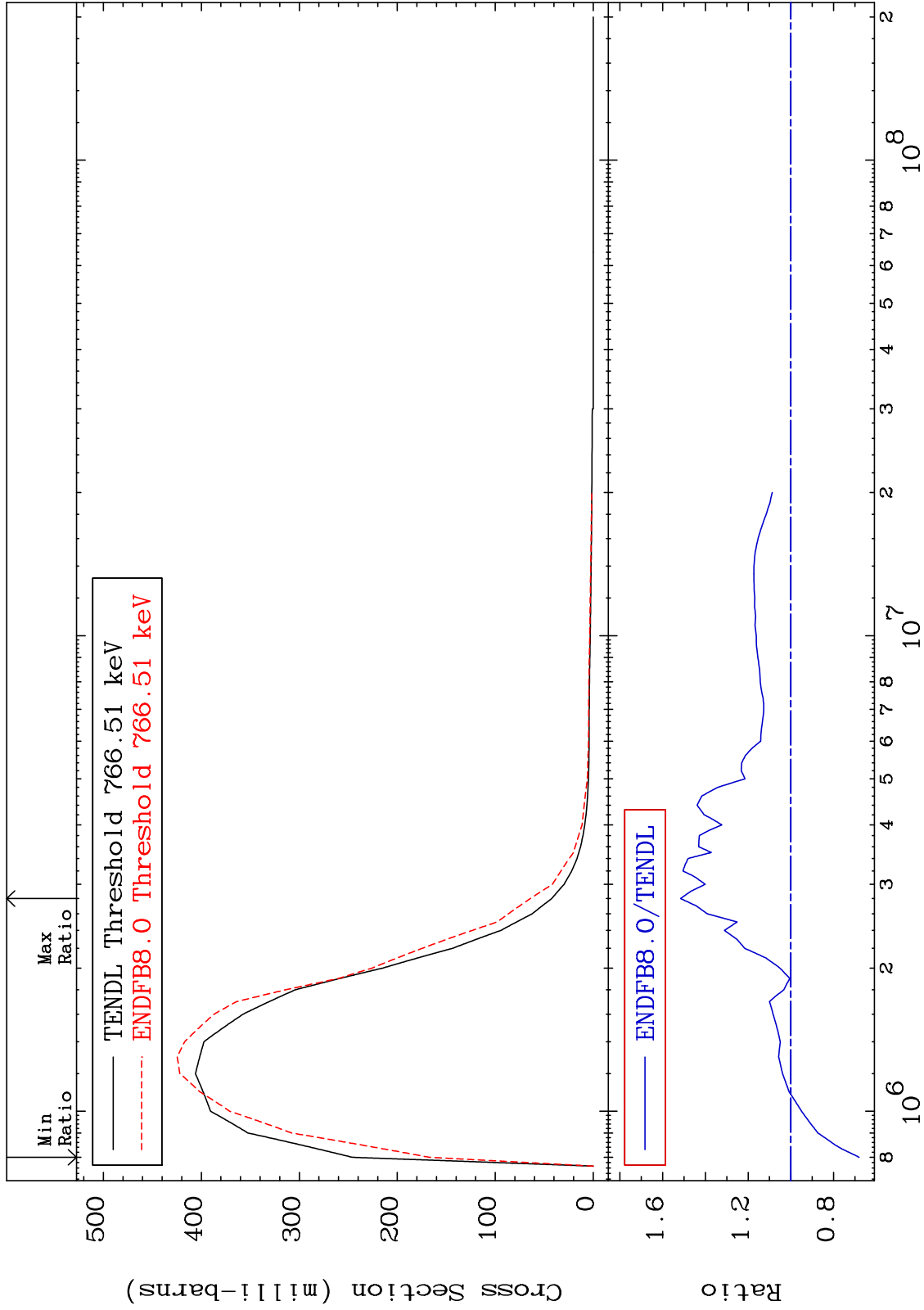
66-Dy-164  
-4.805 To 913.4 %



MAT 6649

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

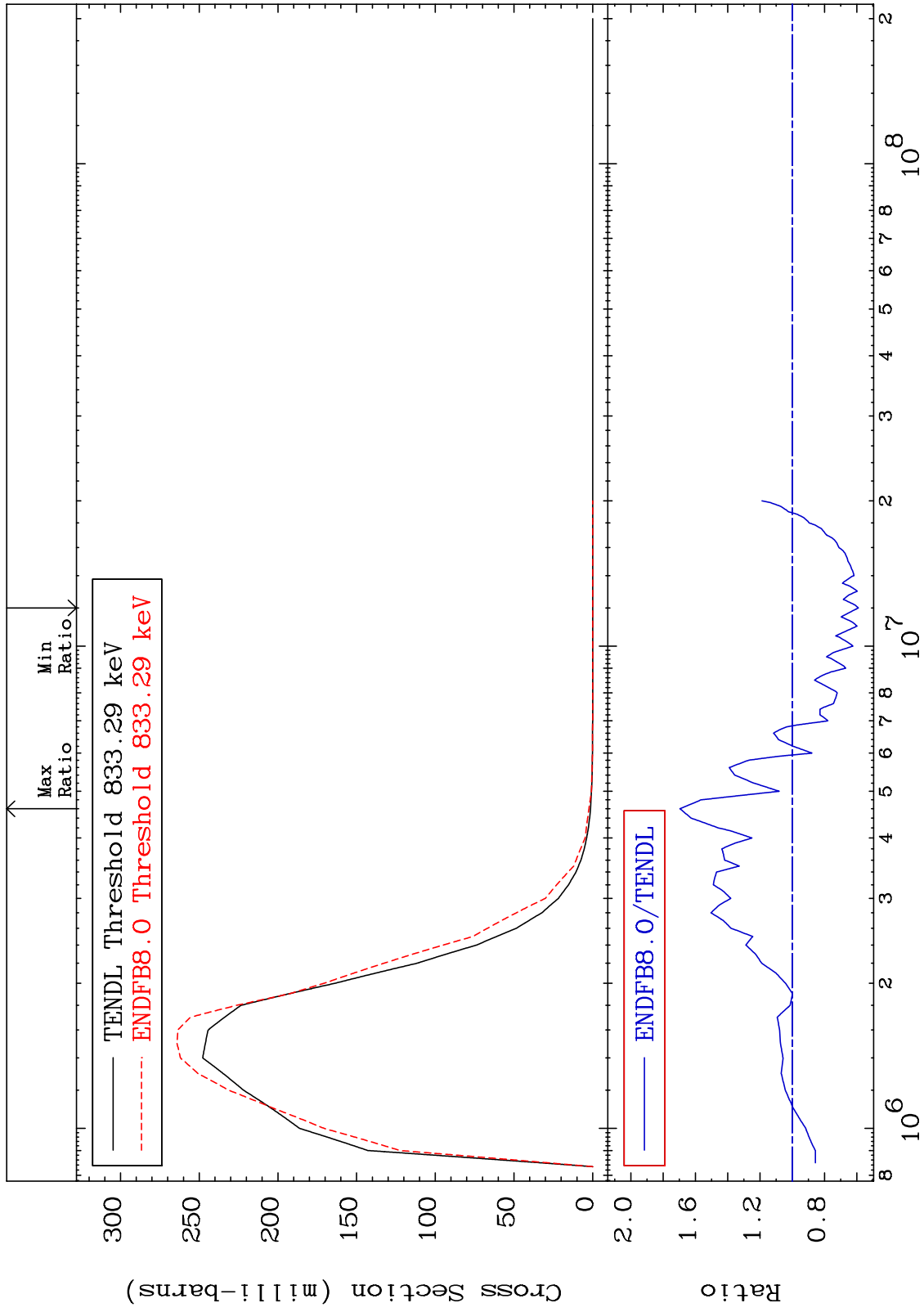
66-Dy-164  
-31.96 To 51.58 %



MAT 6649

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

66-Dy-164  
-41.04 To 69.57 %



14

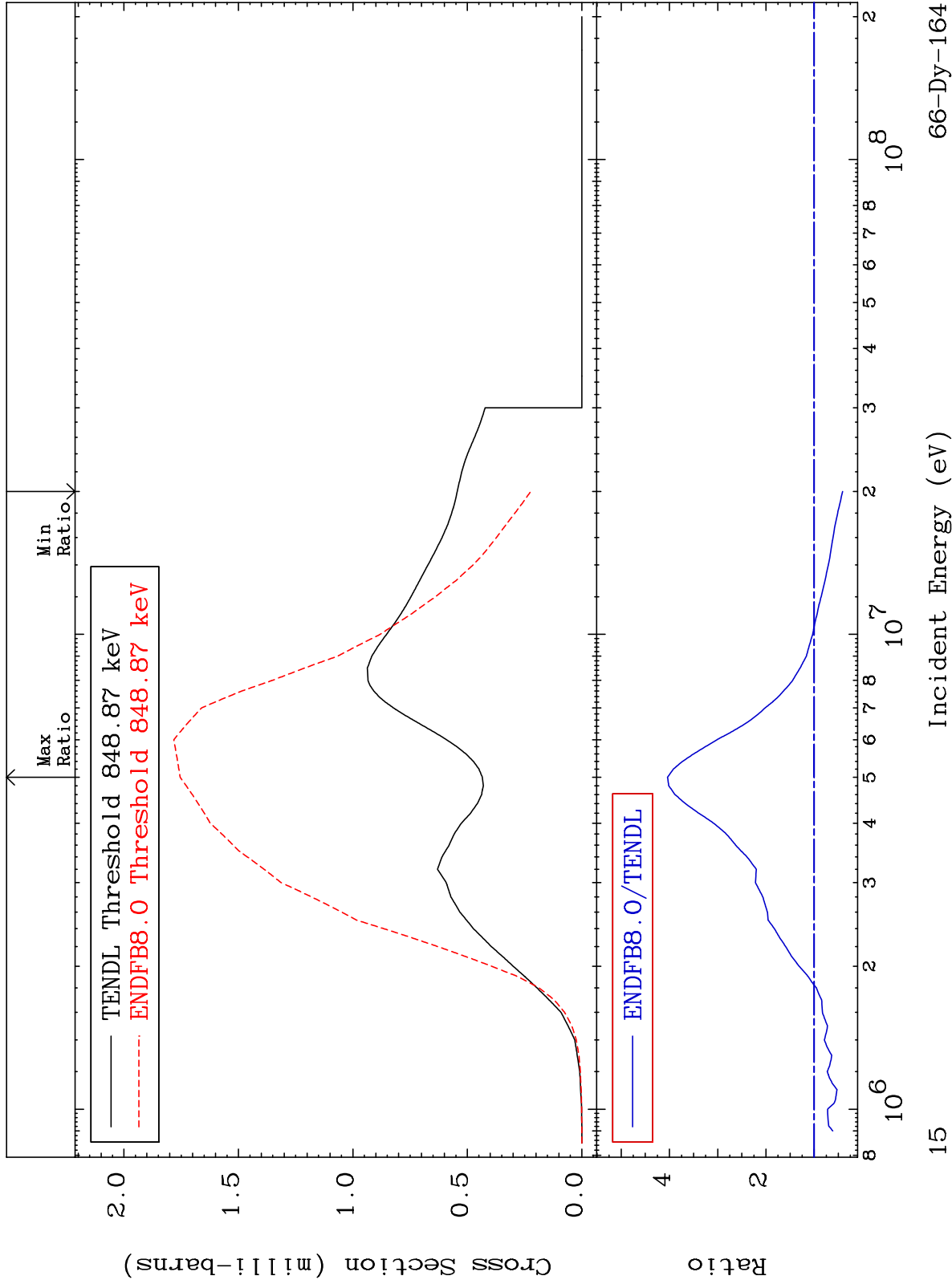
Incident Energy (eV)

66-Dy-164

MAT 6649

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

66-Dy-164  
-59.00 To 303.9 %



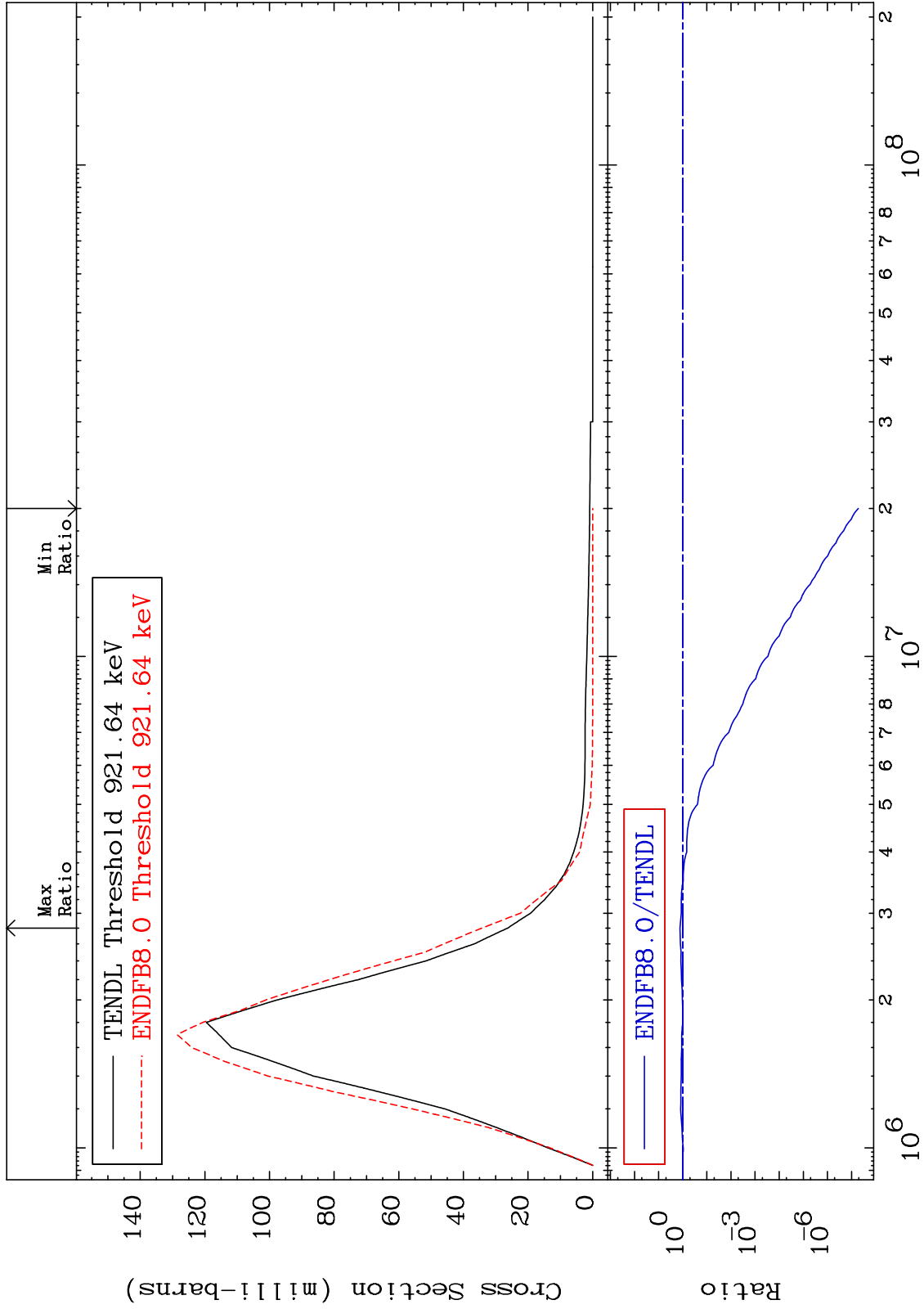
15



MAT 6649

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

66-Dy-164  
-100.0 To 30.14 %



Incident Energy (eV)

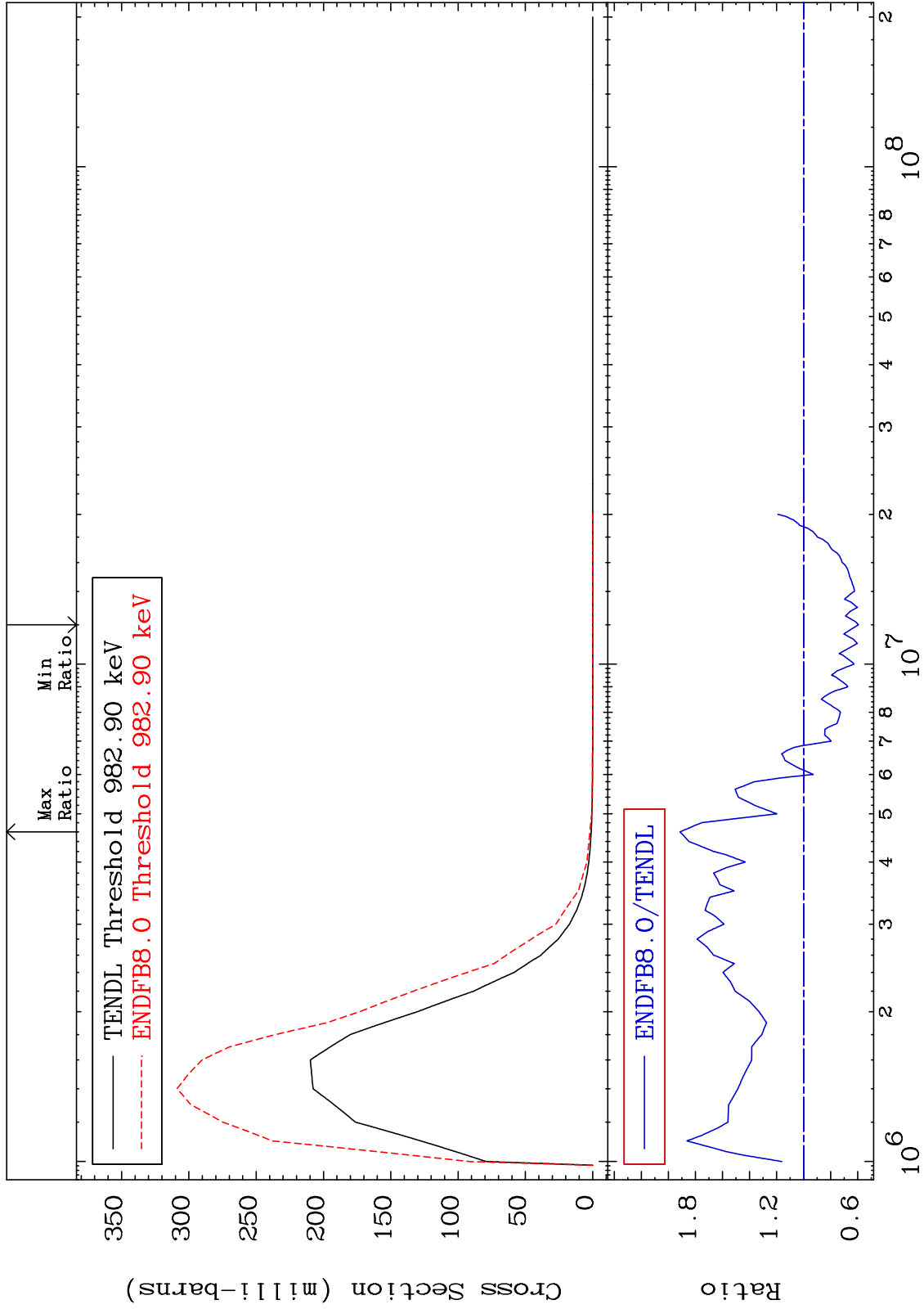
66-Dy-164

16

MAT 6649

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

66-Dy-164  
-40.56 To 91.39 %



17

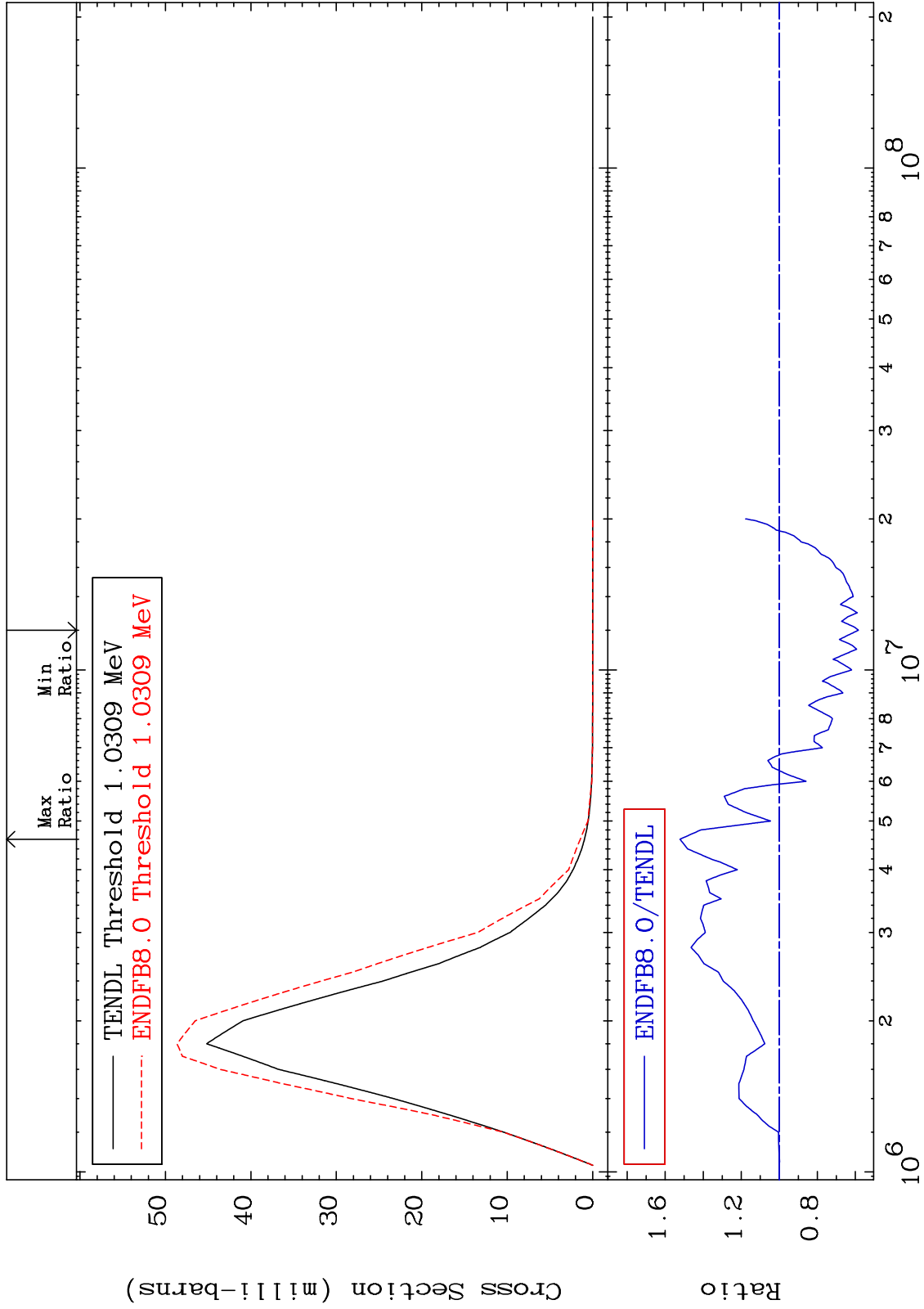
Incident Energy (eV)

66-Dy-164

MAT 6649

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

66-Dy-164  
-41.58 To 52.18 %



Incident Energy (eV)

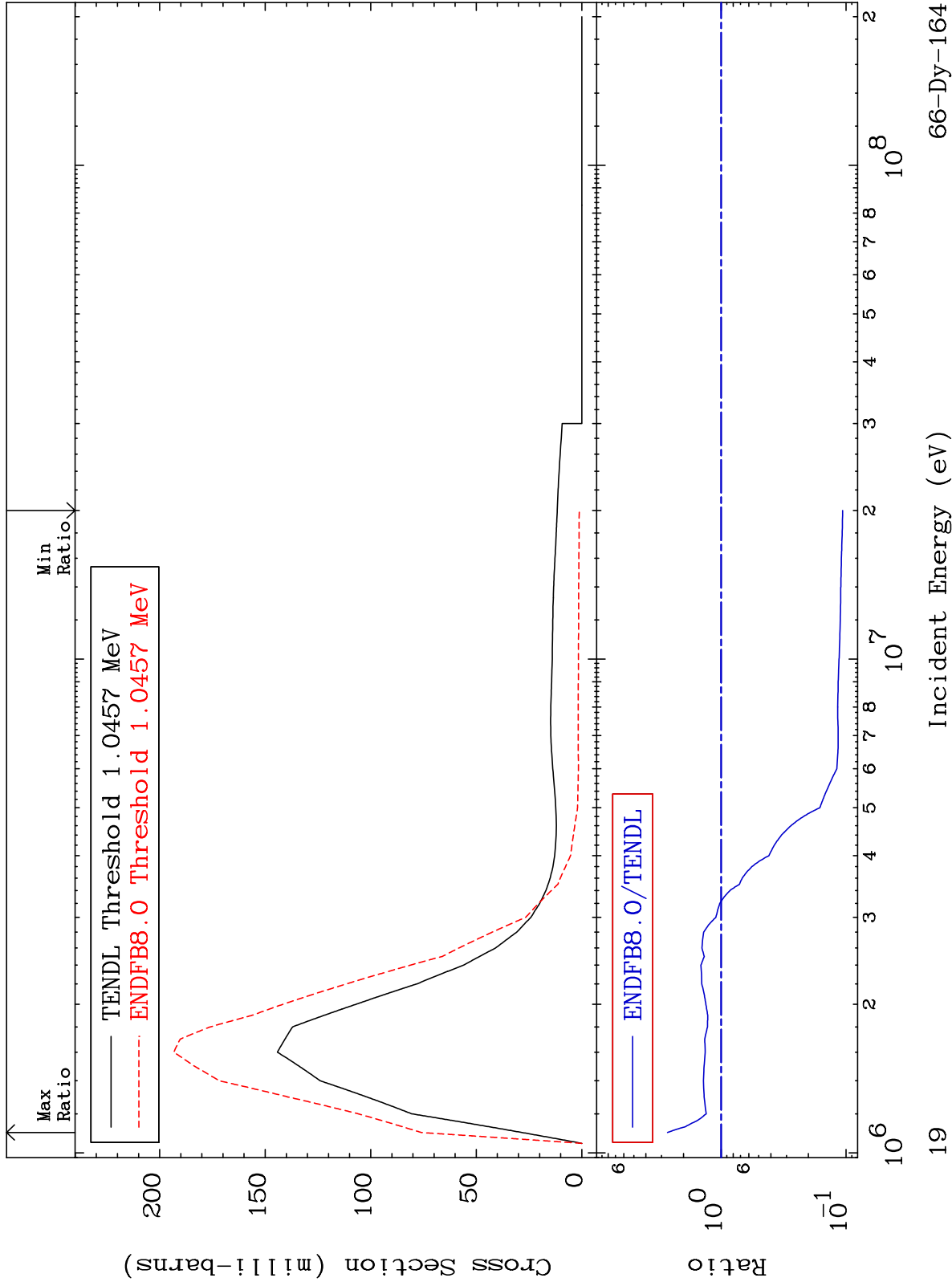
66-Dy-164

18

MAT 6649

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

66-Dy-164  
-89.35 To 168.4 %

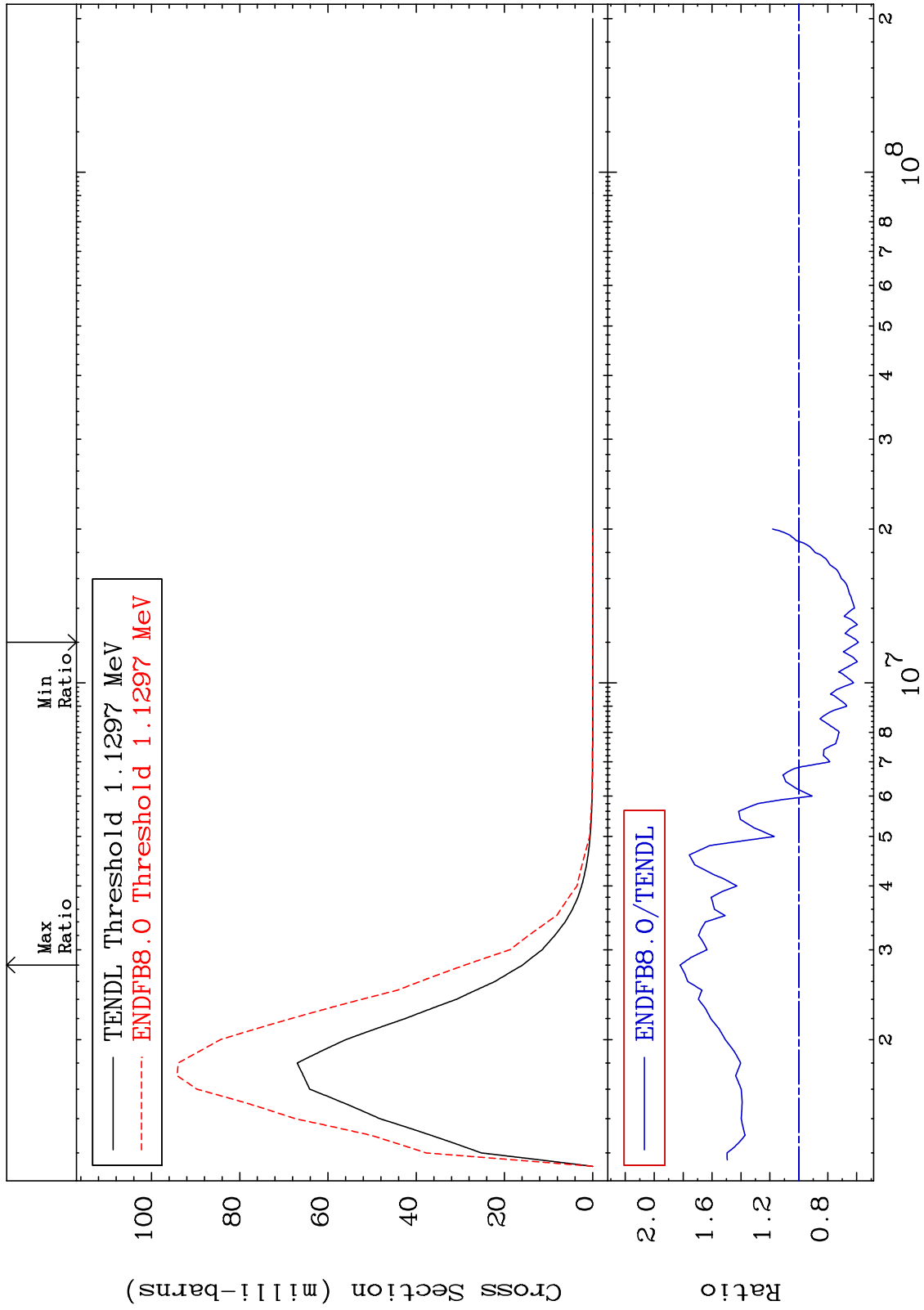


66-Dy-164

Incident Energy (eV)

19

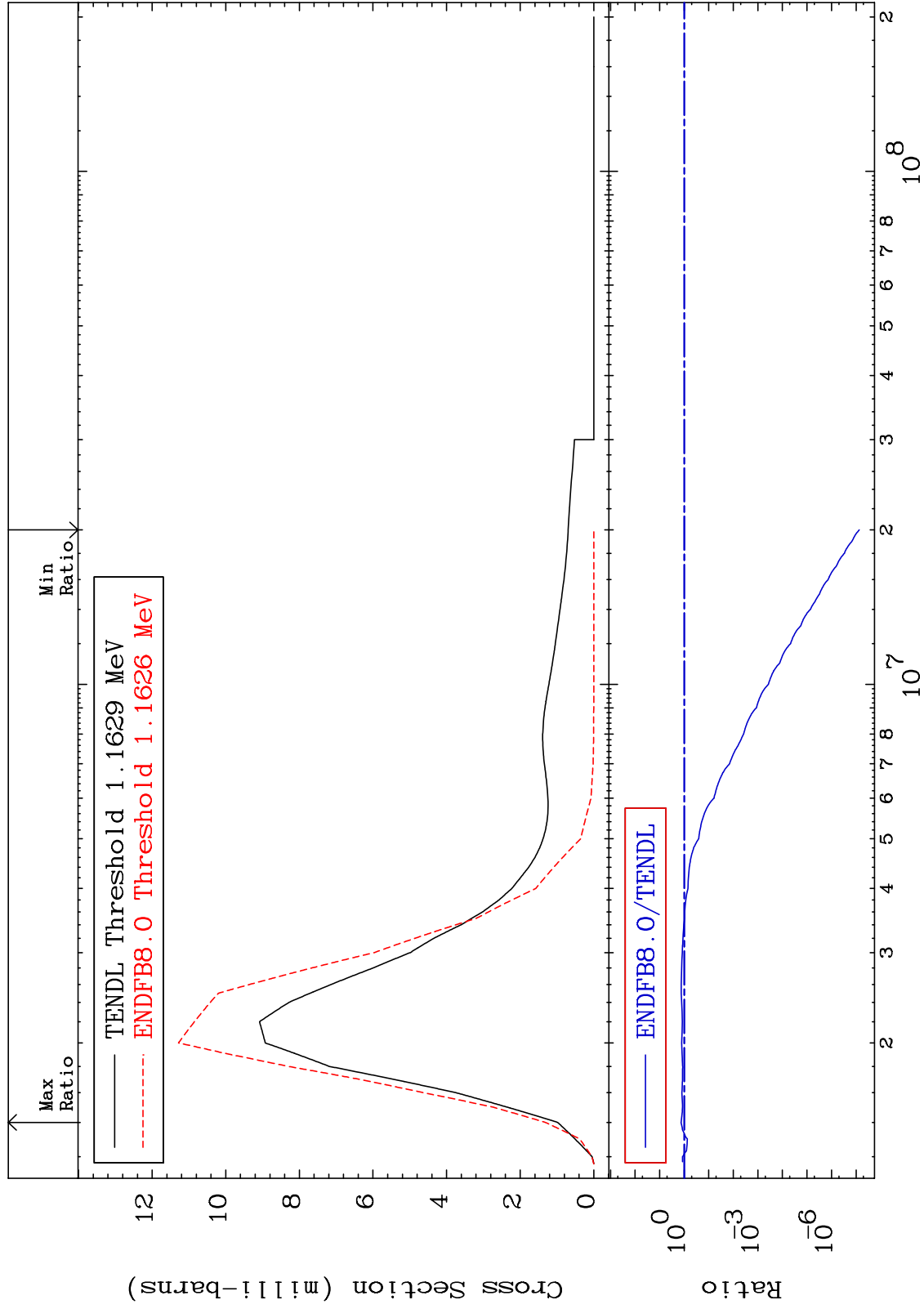
MAT 6649      MT= 61 (n,n') Level      66-Dy-164  
 Cross Section      -41.20 To 82.14 %



MAT 6649

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

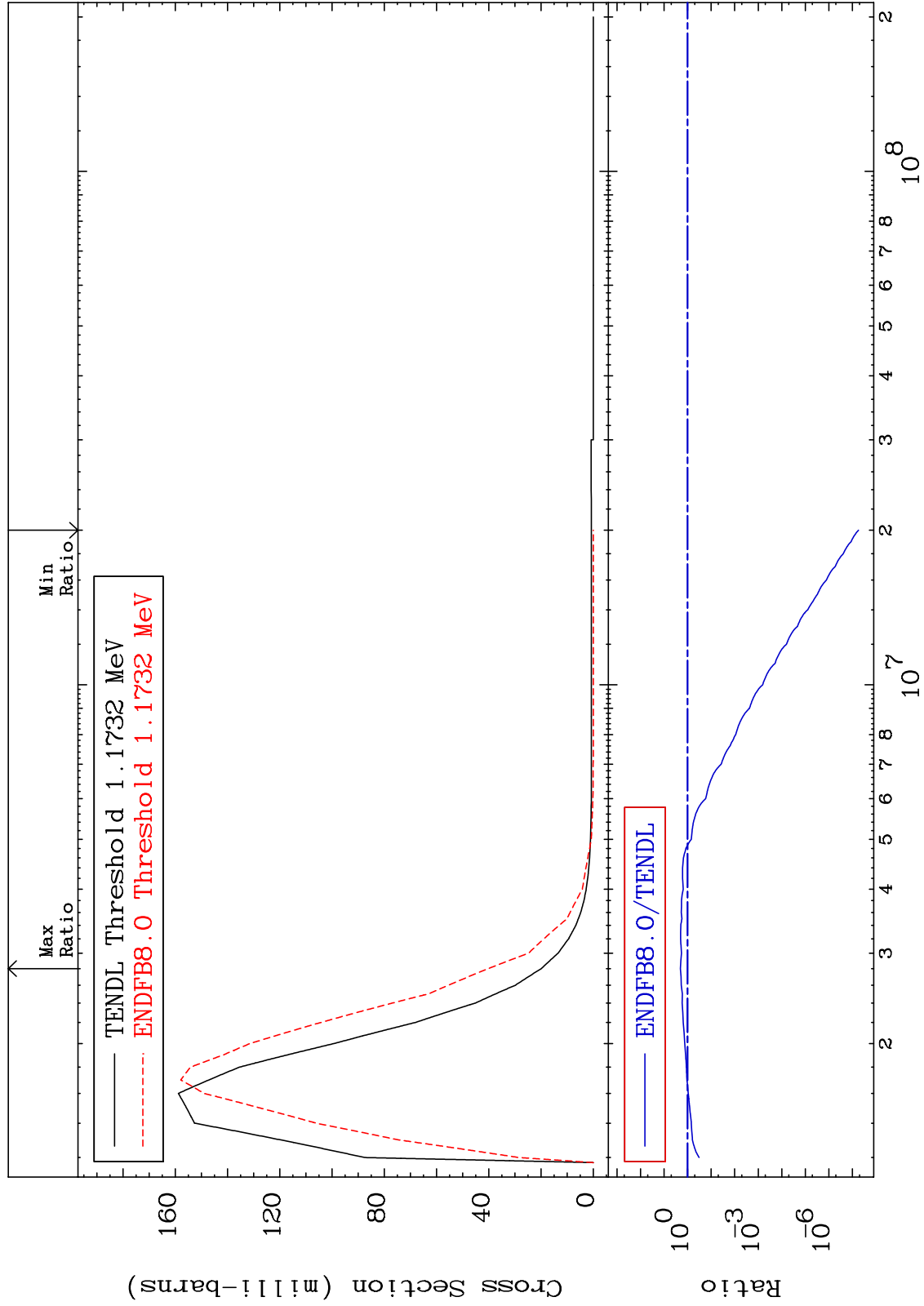
66-Dy-164  
-100.0 To 33.98 %



MAT 6649

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

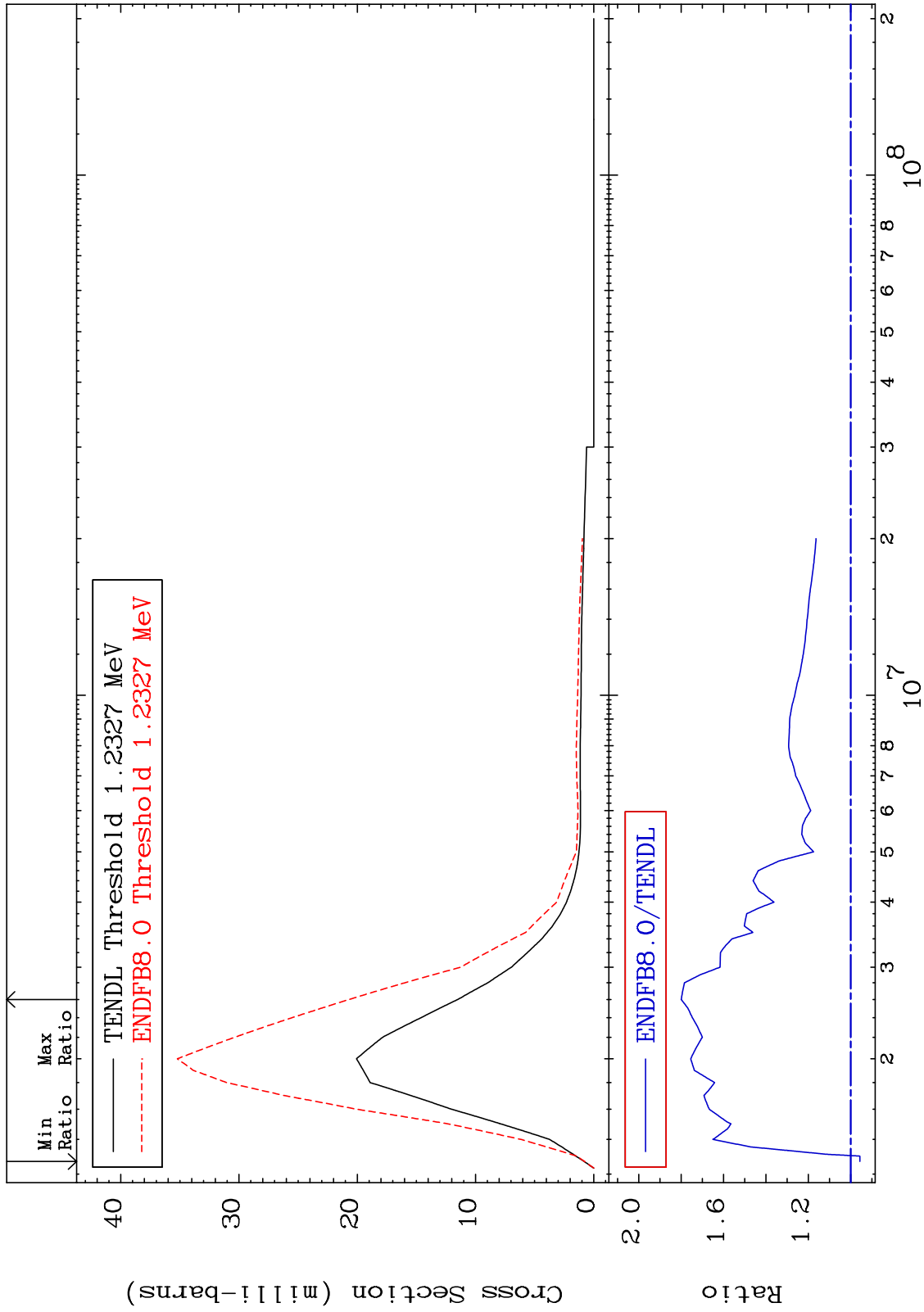
66-Dy-164  
-100.0 To 101.9 %



MAT 6649

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

66-Dy-164  
-4.349 To 79.95 %

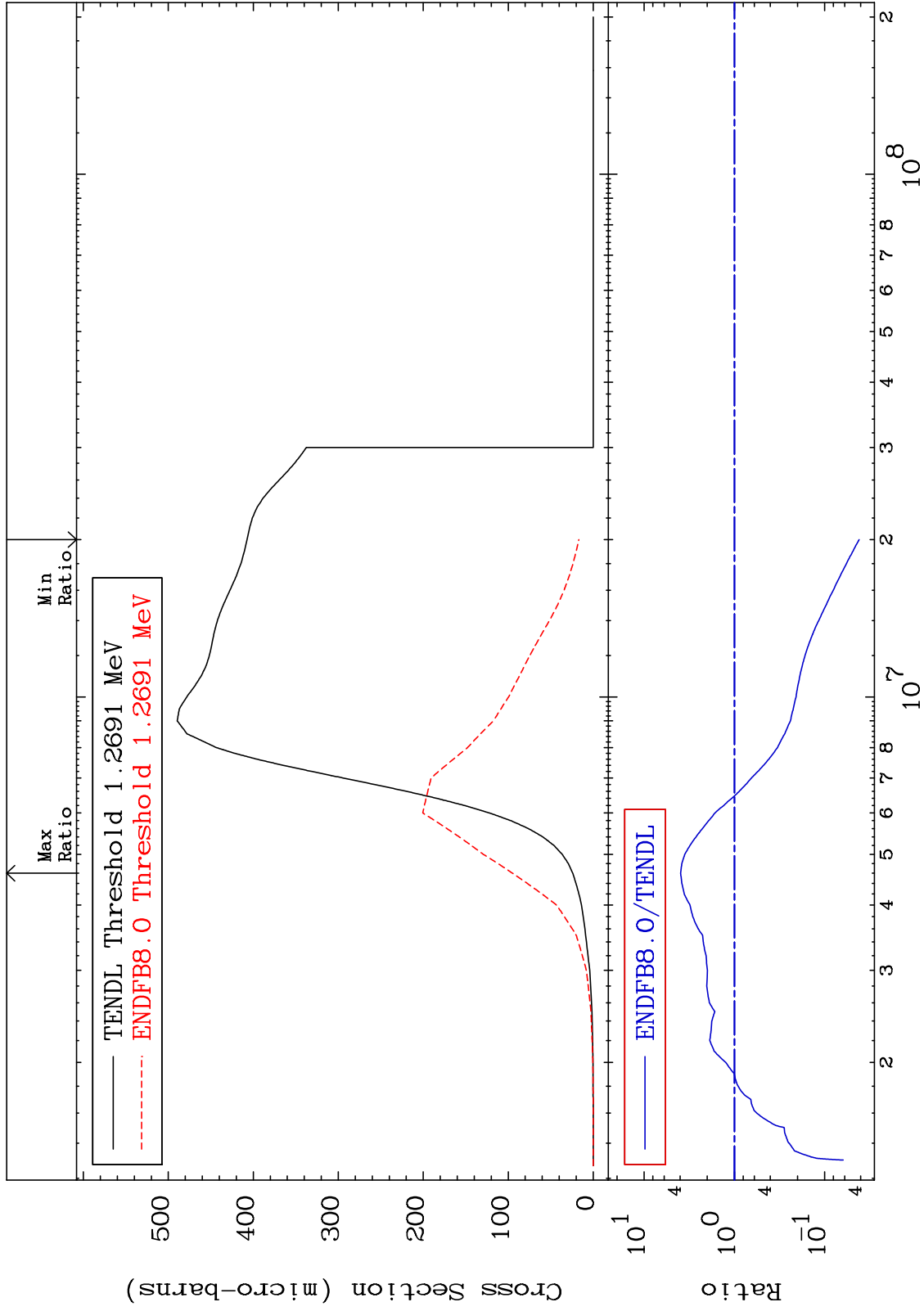




MAT 6649

MT= 65 (n,n') Level  
Cross Section

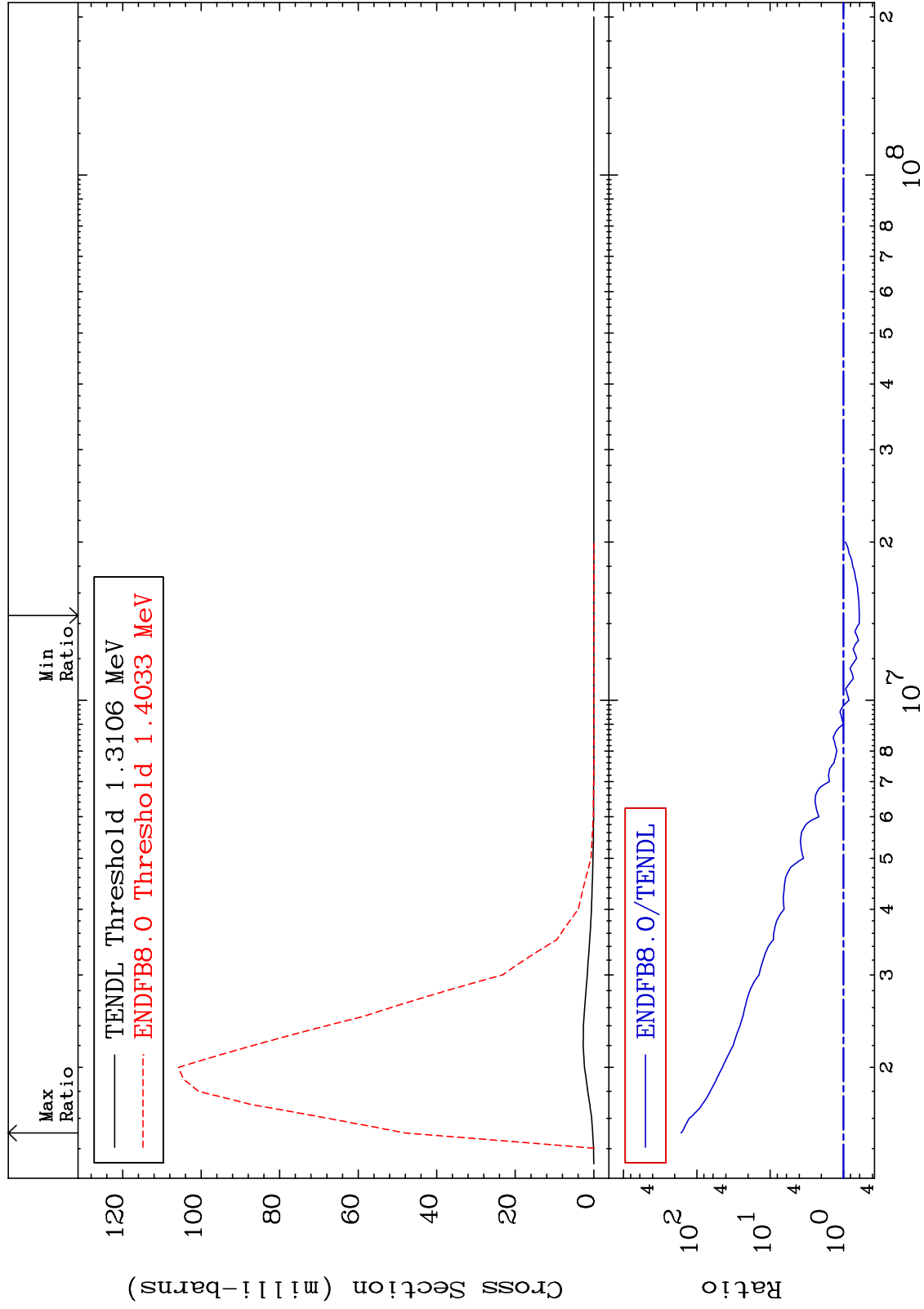
66-Dy-164  
-95.85 To 294.2 %



MAT 6649

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

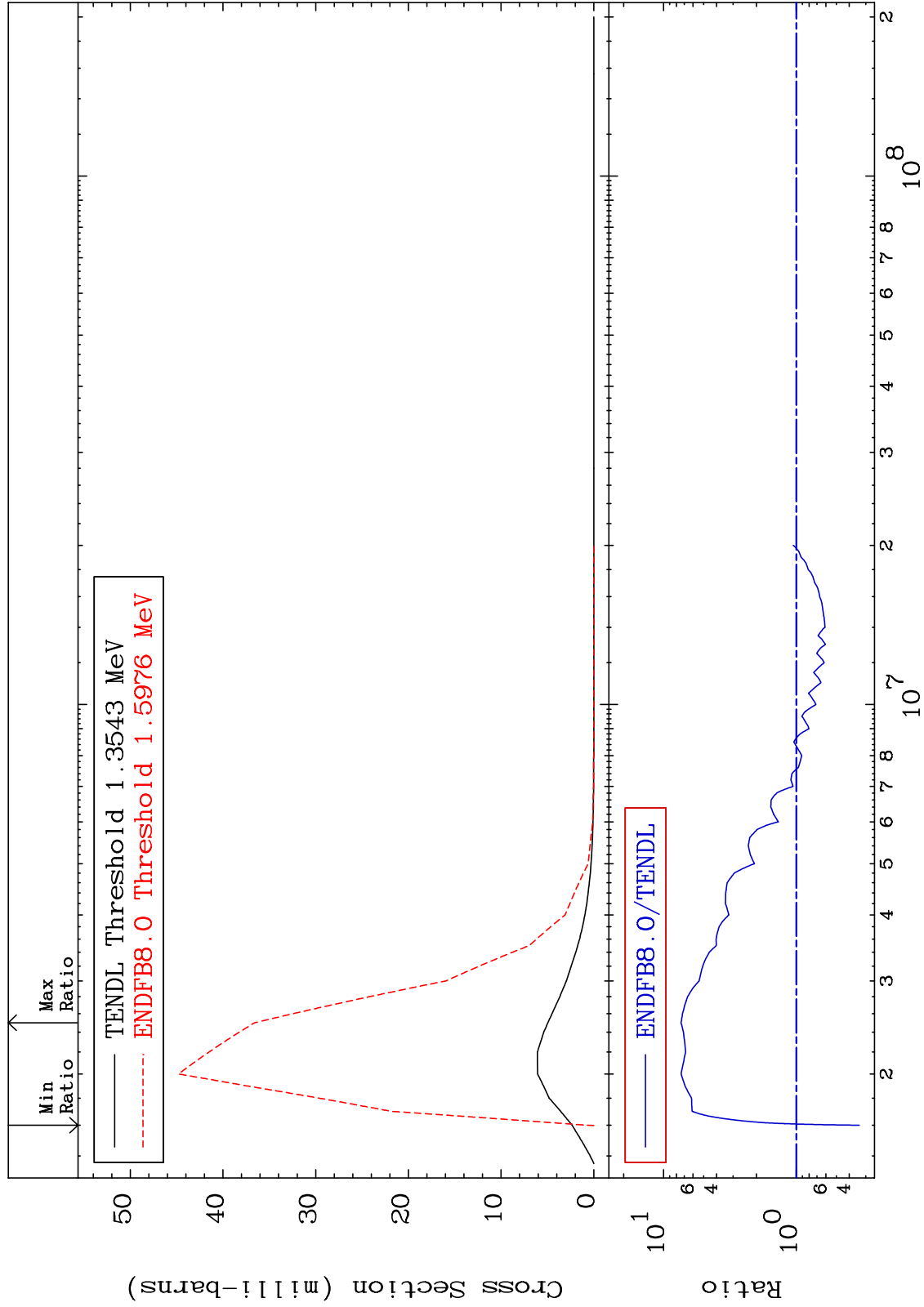
66-Dy-164  
-39.20 To 9999. %



MAT 6649

MT= 67 (n,n') Level  
Cross Section

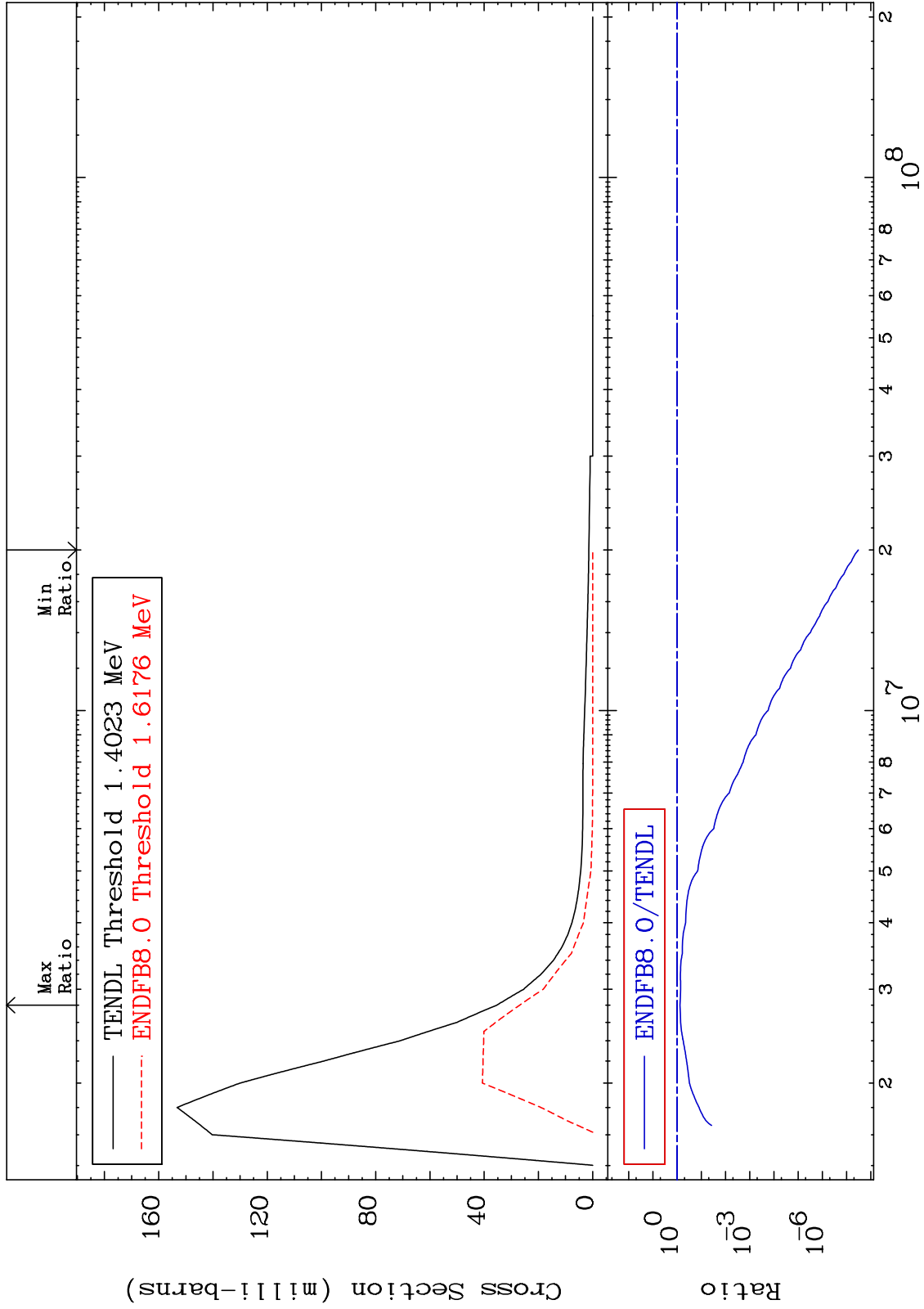
66-Dy-164  
-66.44 To 639.0 %



MAT 6649

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

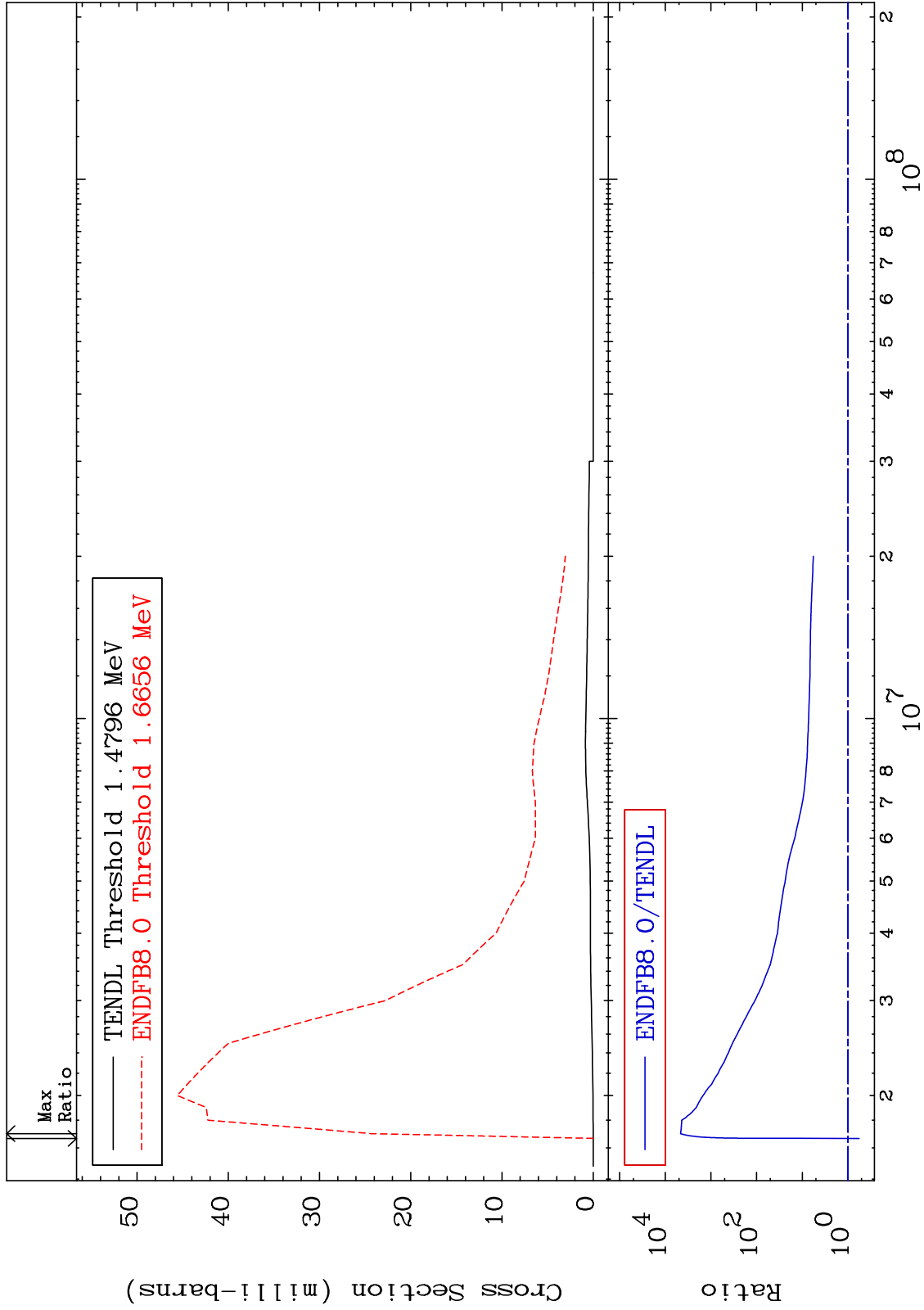
66-Dy-164  
-100.0 To -23.71%



MAT 6649

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

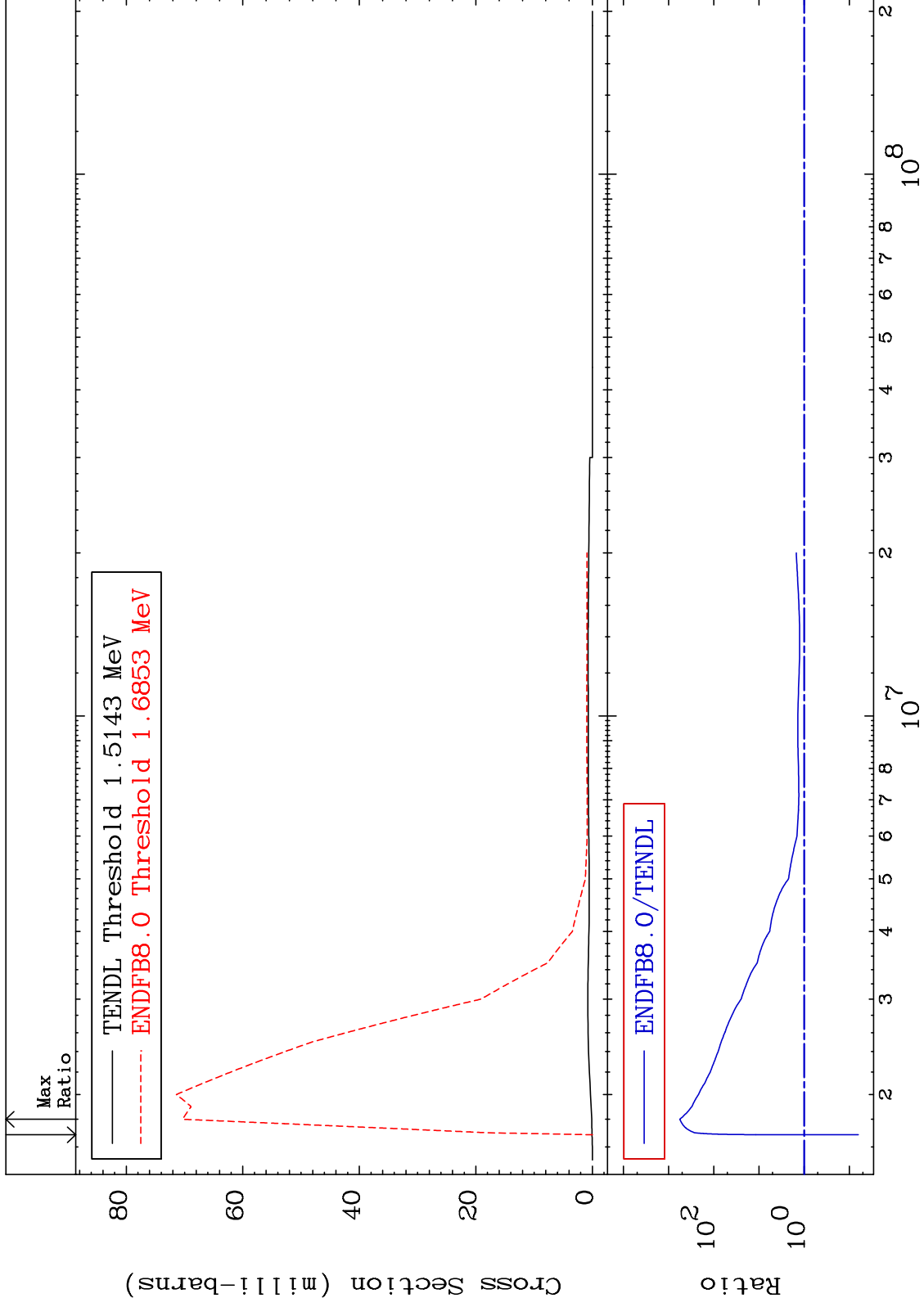
66-Dy-164  
-43.39 To 9999. %



MAT 6649

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

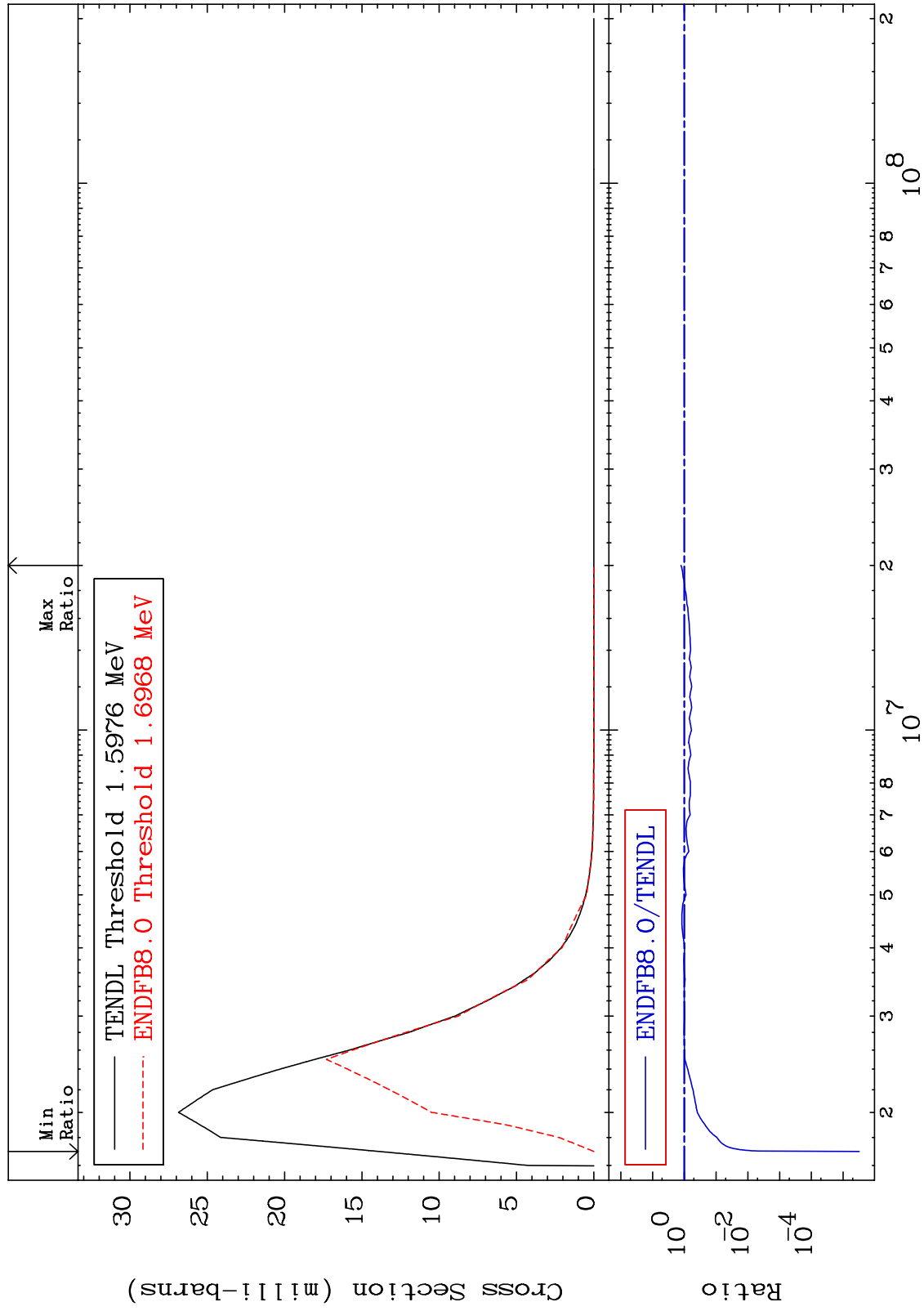
66-Dy-164  
-93.68 To 9999. %



MAT 6649

MT= 71 (n,n') Level  
Cross Section

66-Dy-164  
-100.0 To 26.84 %



30

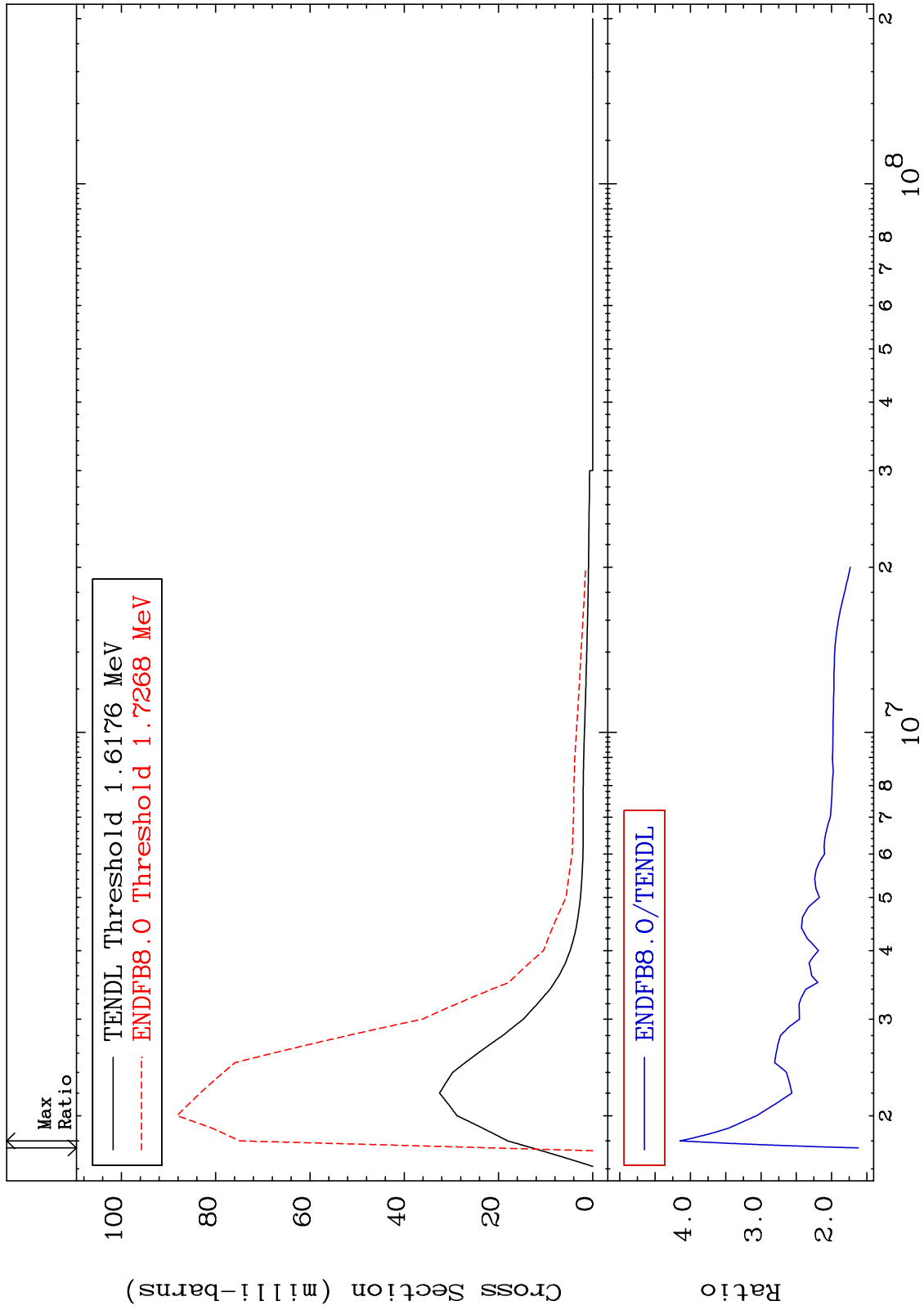
Incident Energy (eV)

66-Dy-164

MAT 6649

MT= 72 (n,n') Level  
Cross Section

66-Dy-164  
62.06 To 314.7 %

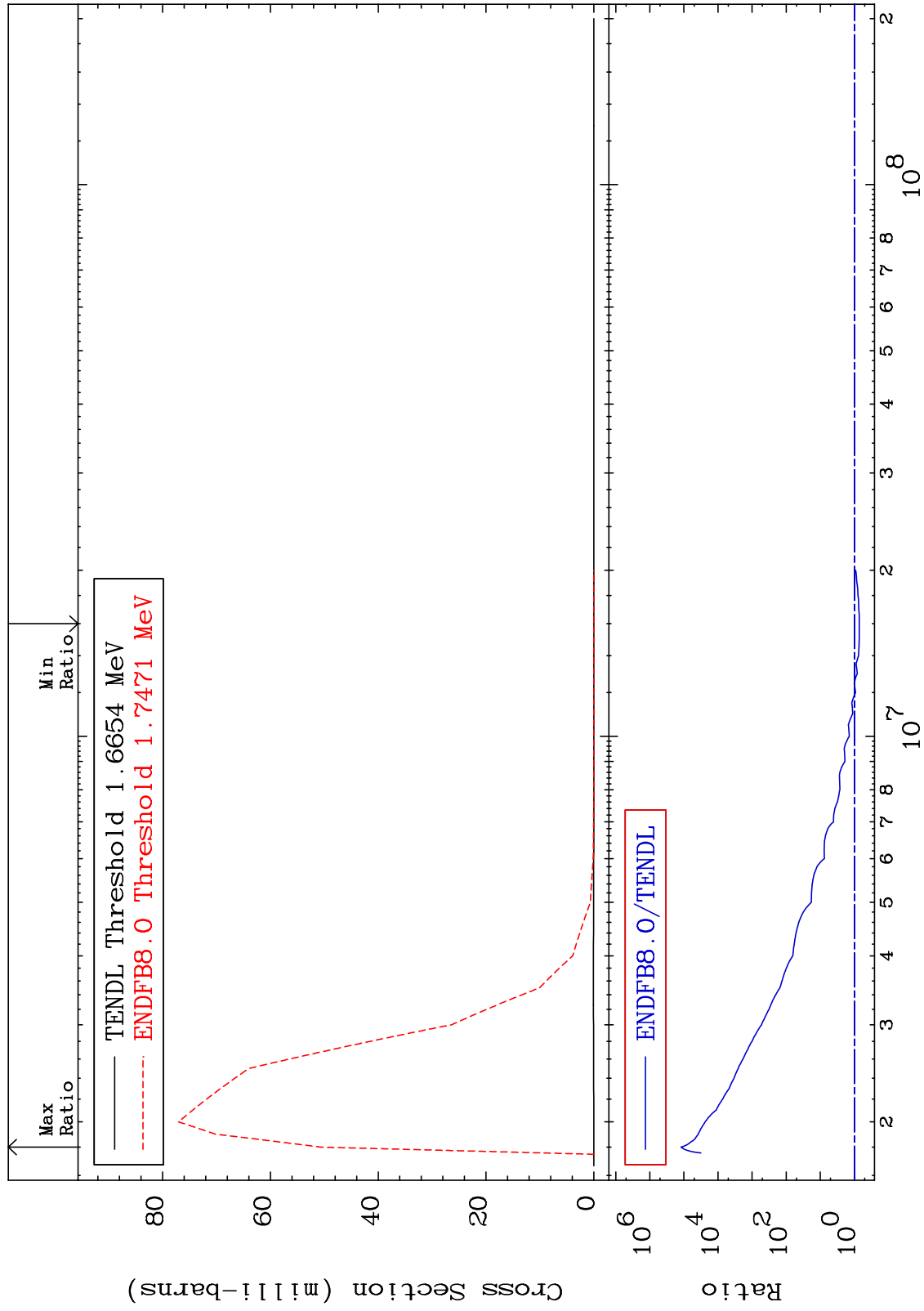




MAT 6649

MT= 73 (n,n') Level  
Cross Section

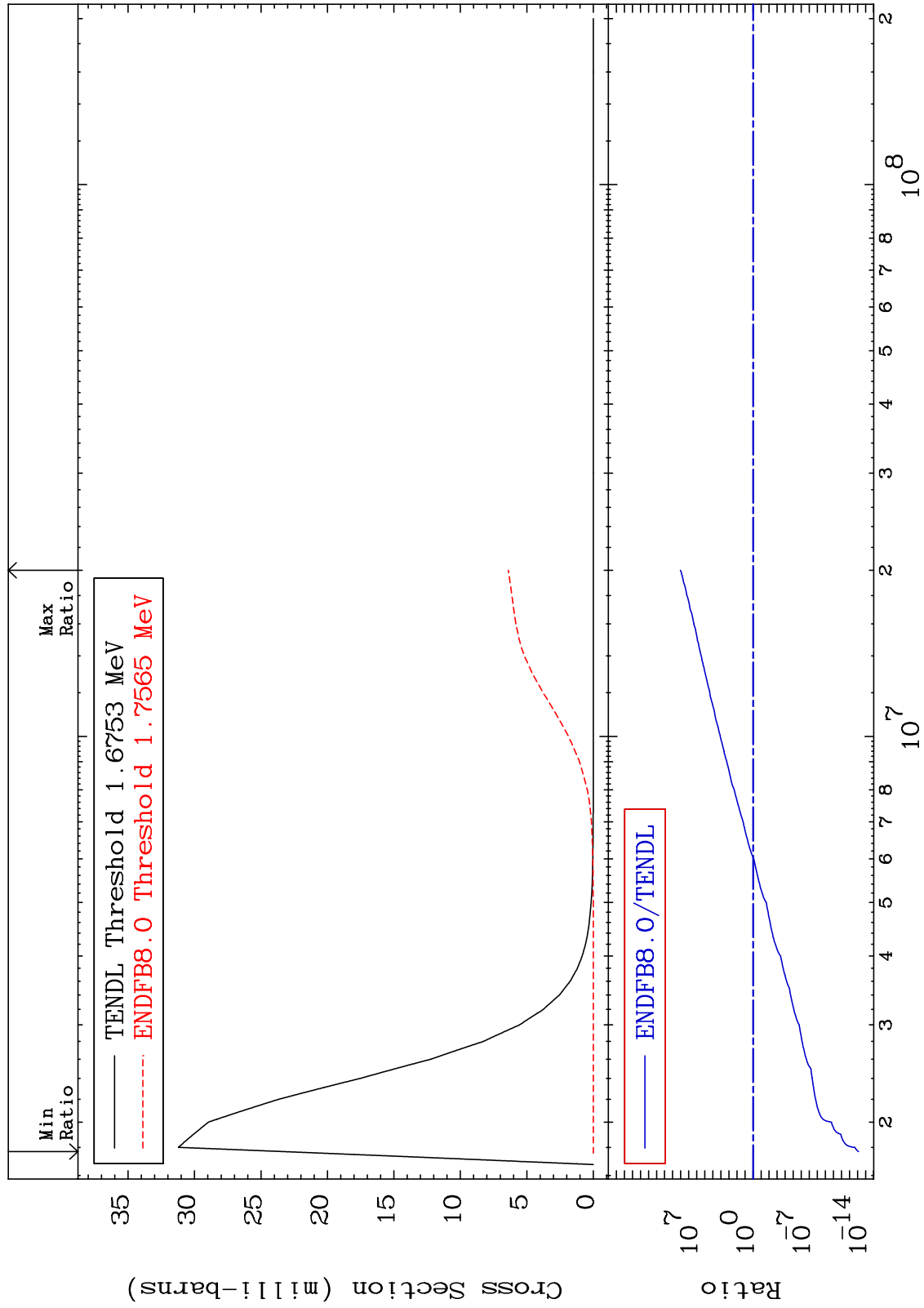
66-Dy-164  
-28.26 To 9999. %



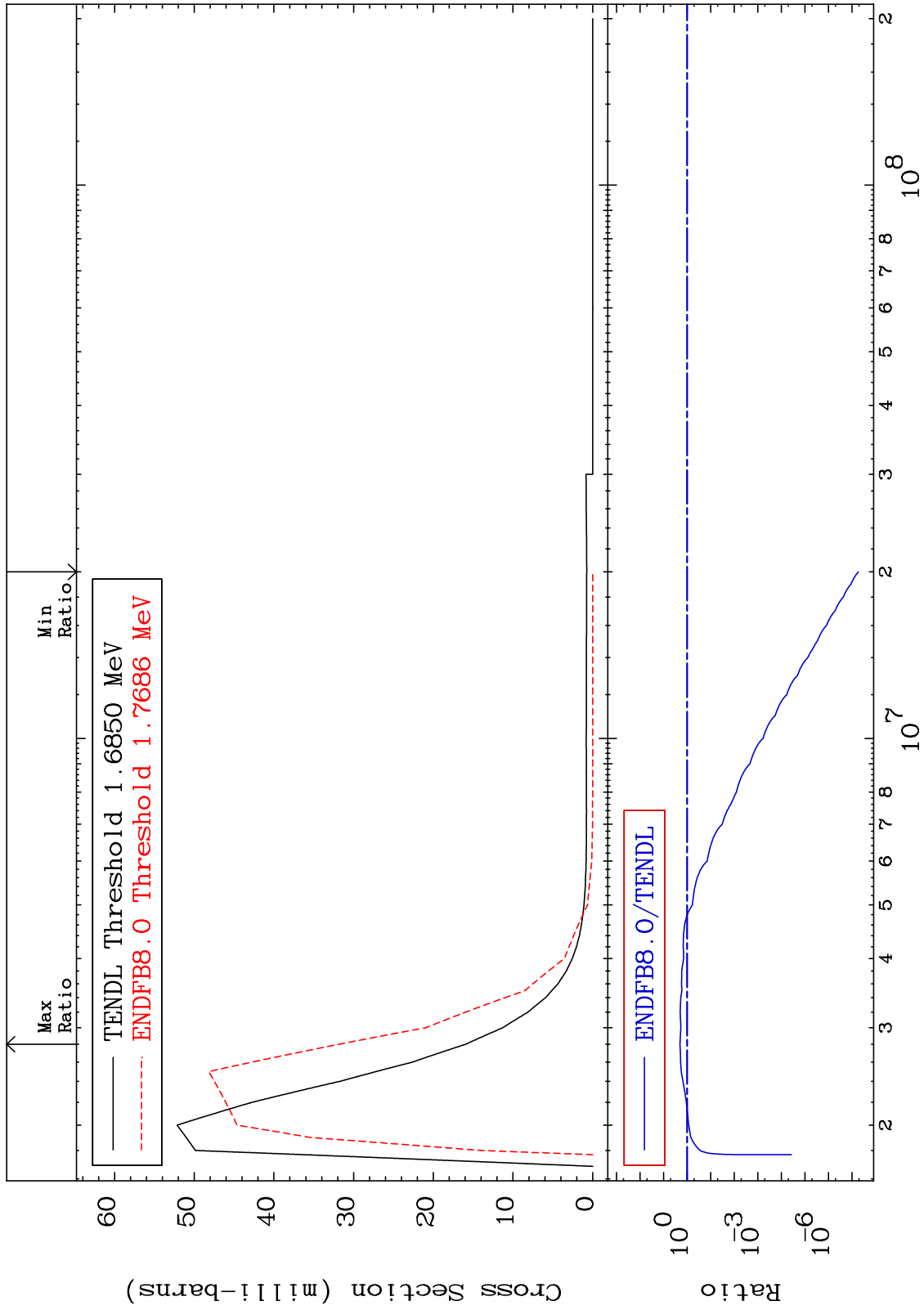
MAT 6649

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

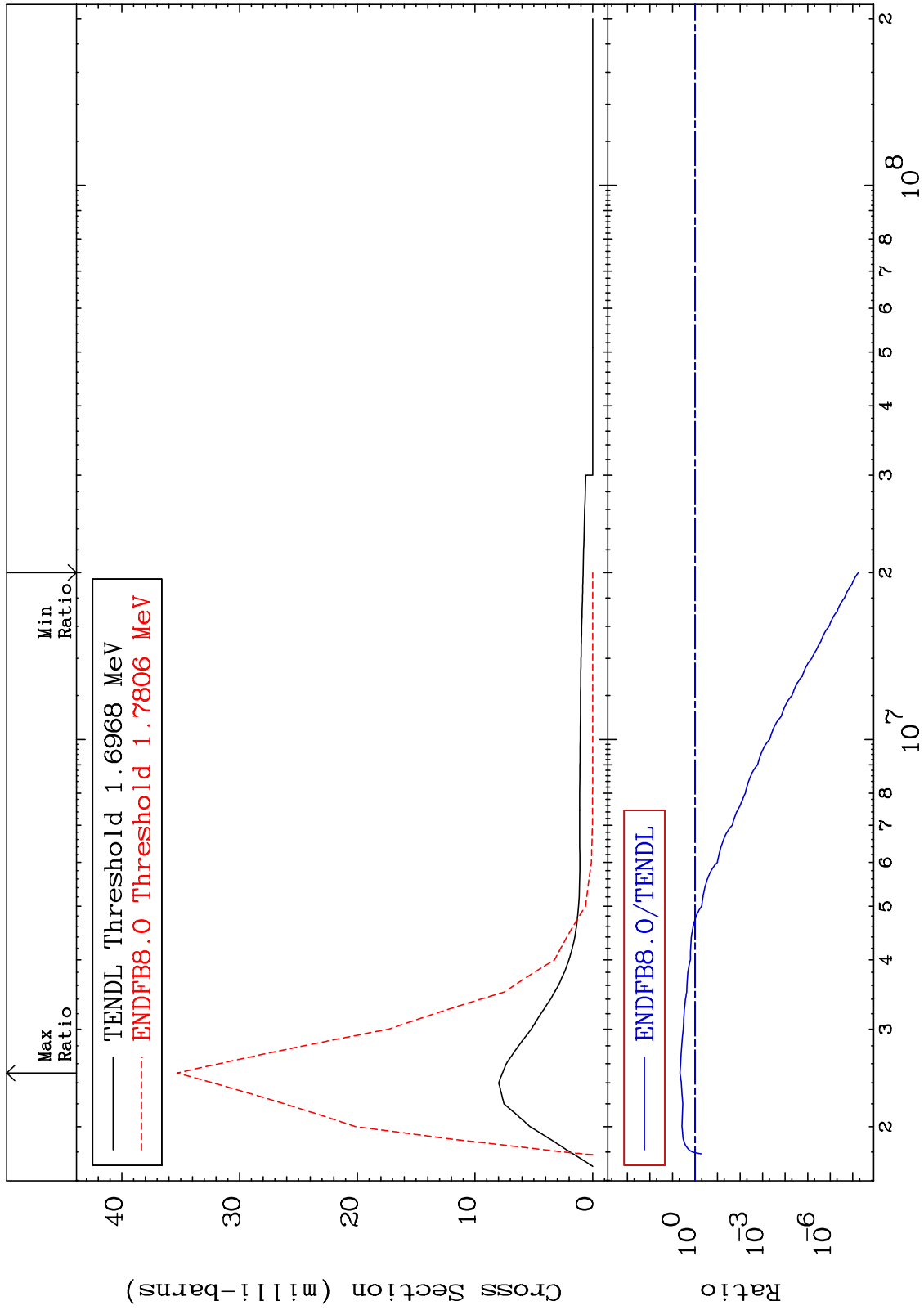
66-Dy-164  
-100.0 To 9999. %



MAT 6649 MT= 75 (n,n') Level  
 Cross Section 66-Dy-164  
 -100.0 To 99.69 %



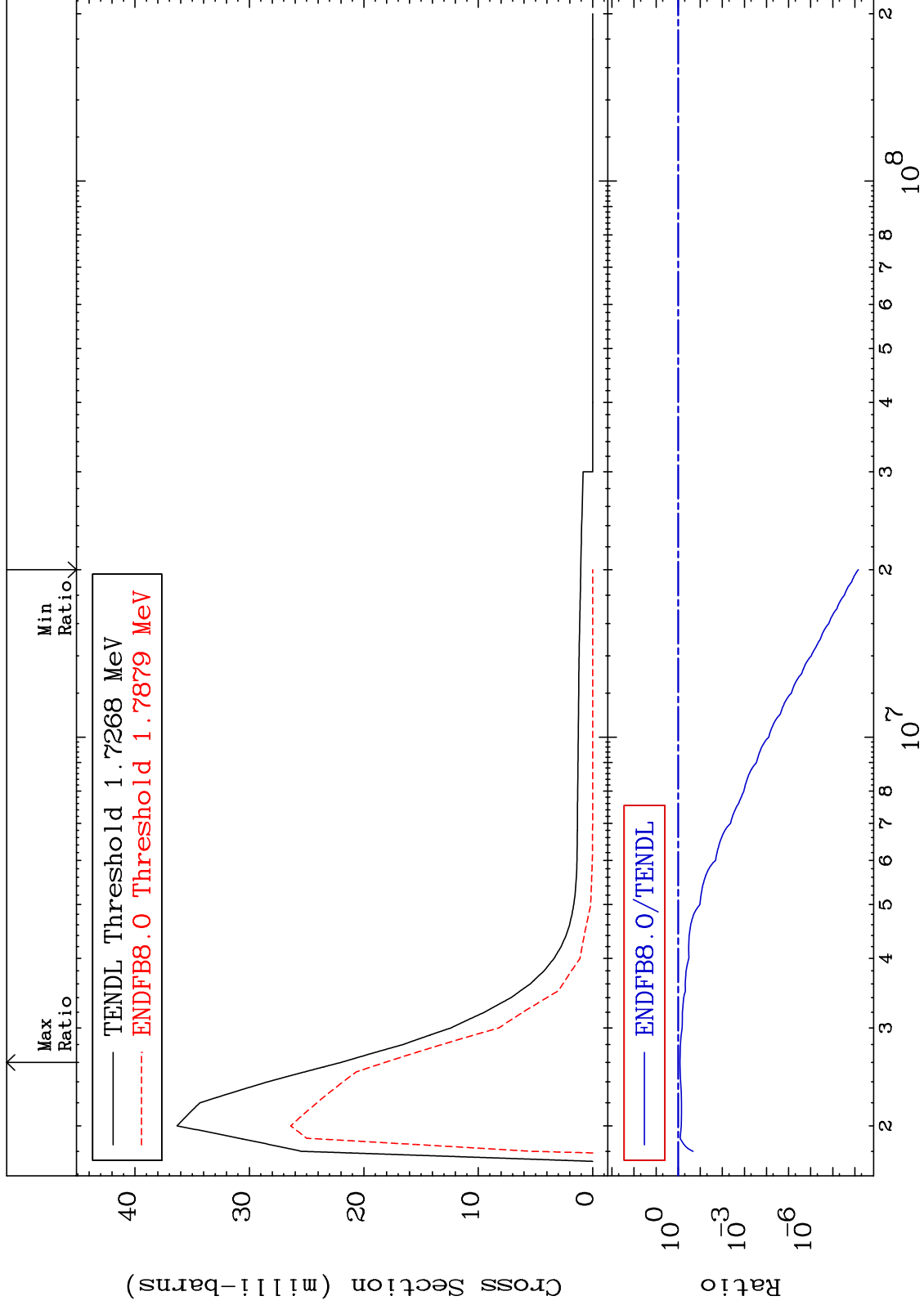
MAT 6649 MT= 76 (n,n') Level  
 Cross Section 66-Dy-164  
 -100.0 To 360.8 %



MAT 6649

MT= 77 (n,n') Level  
Cross Section

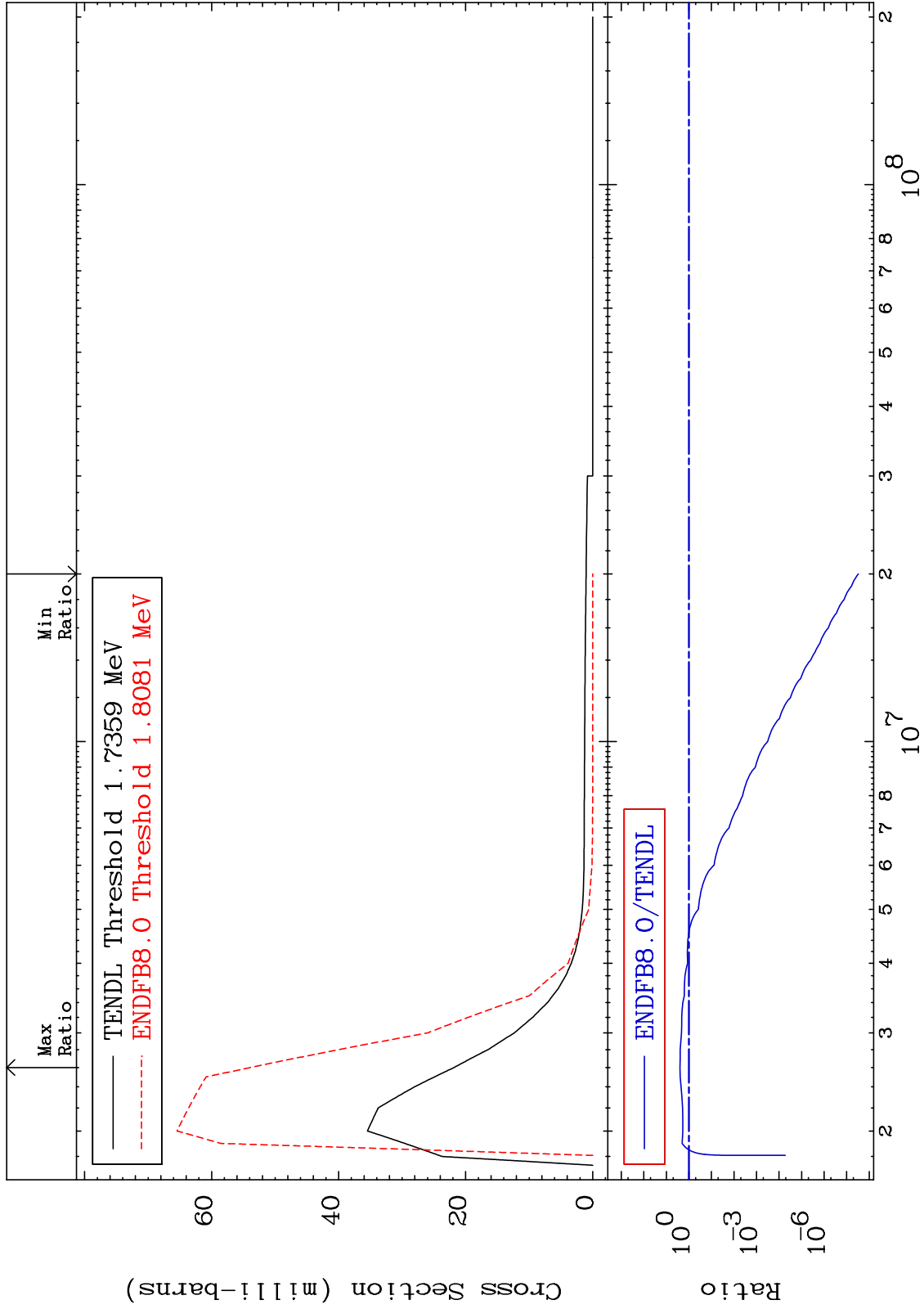
66-Dy-164  
-100.0 To -17.42%



MAT 6649

MT= 78 (n,n') Level  
Cross Section

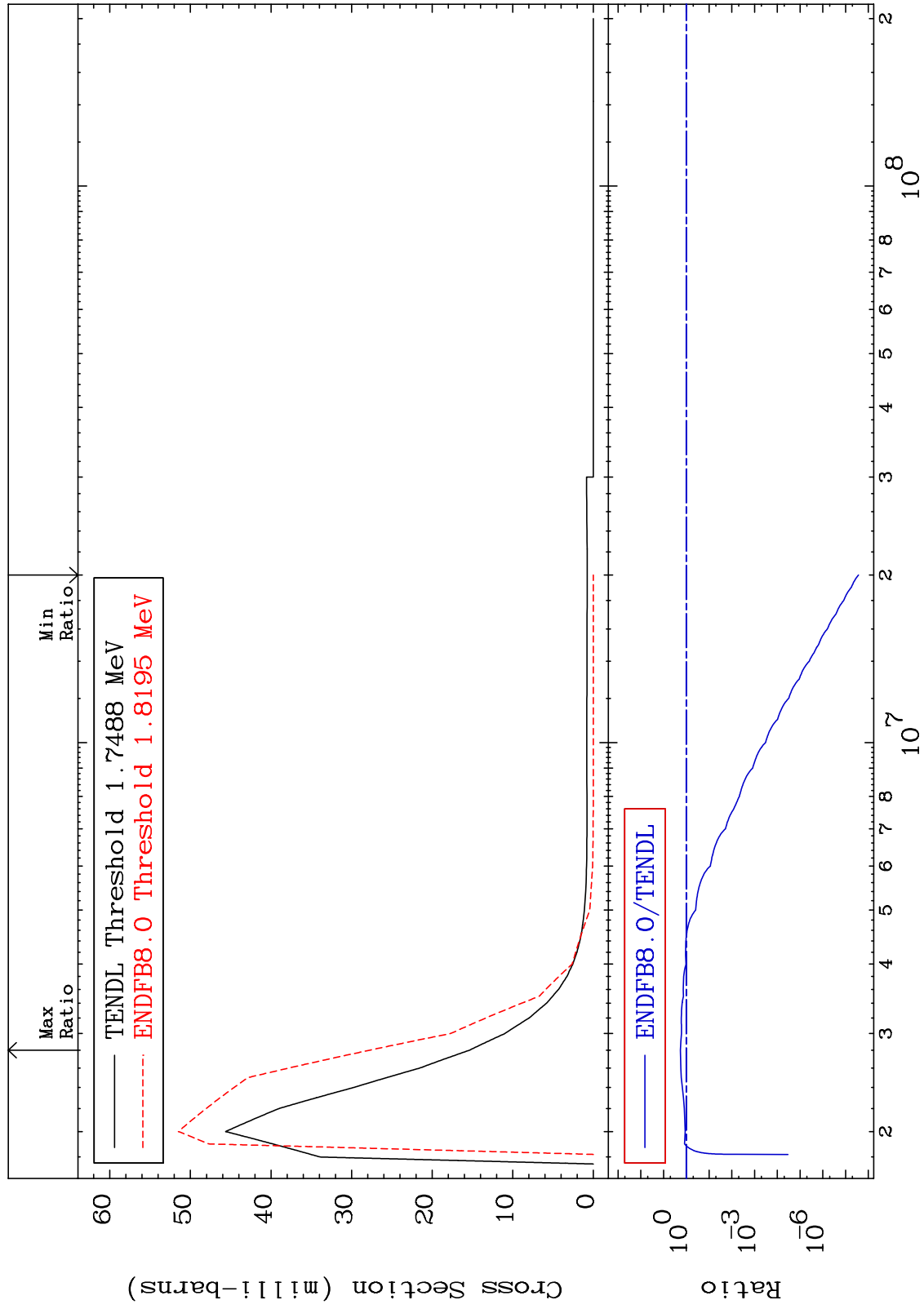
66-Dy-164  
-100.0 To 147.1 %



MAT 6649

MT= 79 (n,n') Level  
Cross Section

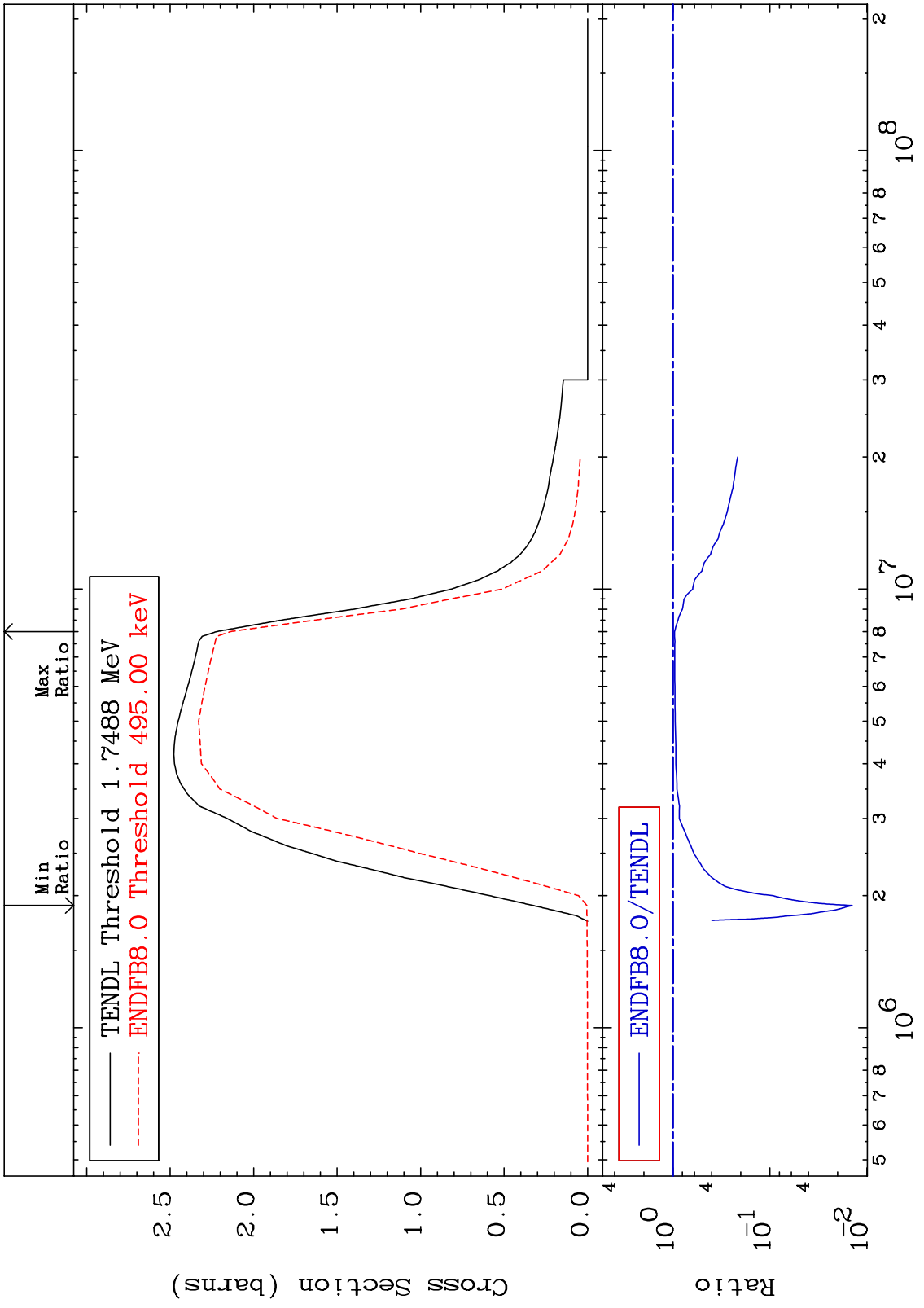
66-Dy-164  
-100.0 To 80.62 %



MAT 6649

(n, n') Continuum  
Cross Section

66-Dy-164  
-98.58 To -3.700%



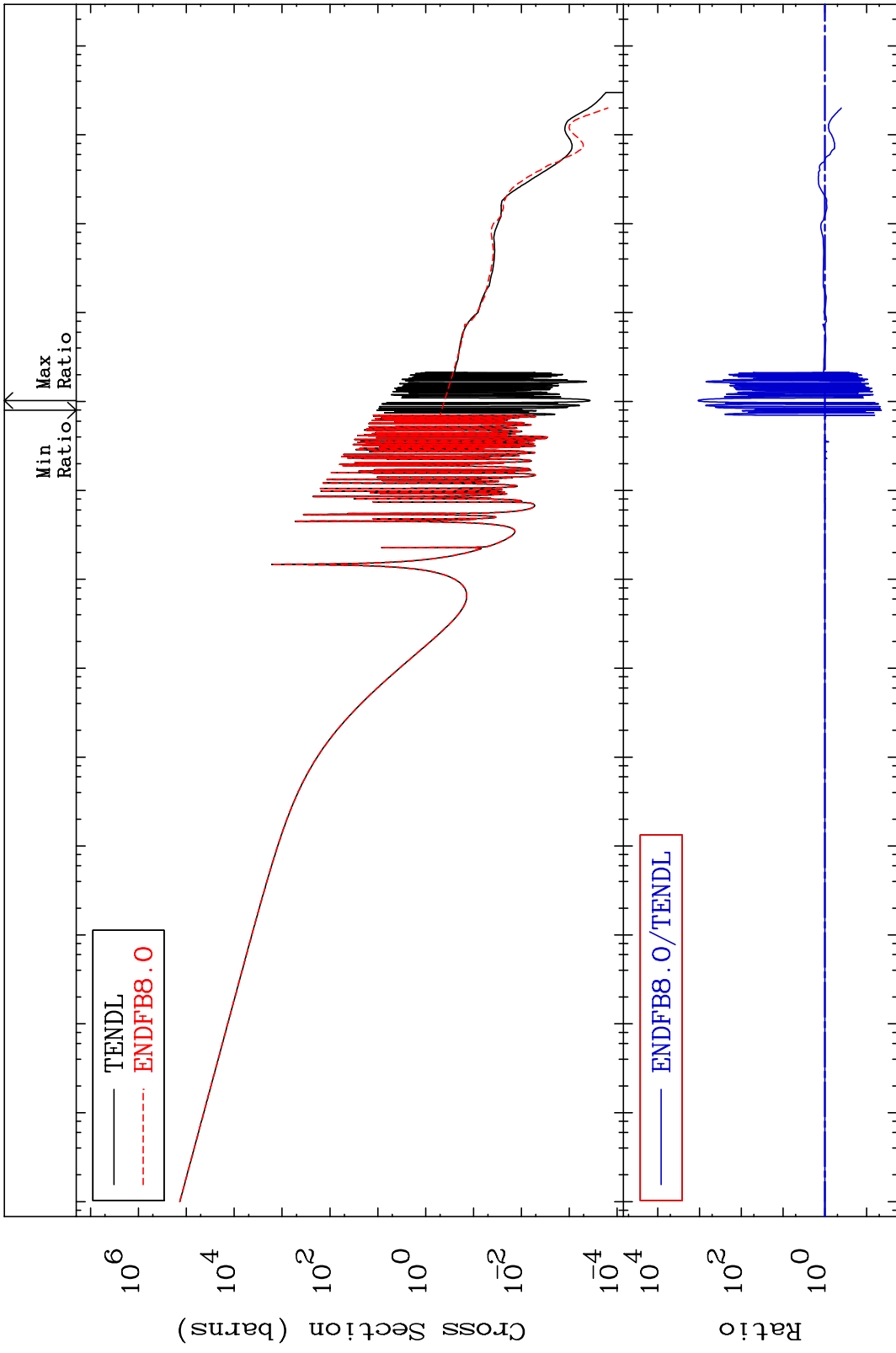


MAT 6649

(n,  $\gamma$ )

66-Dy-164  
-95.59 To 9999. %

Cross Section



Incident Energy (eV) 66-Dy-164

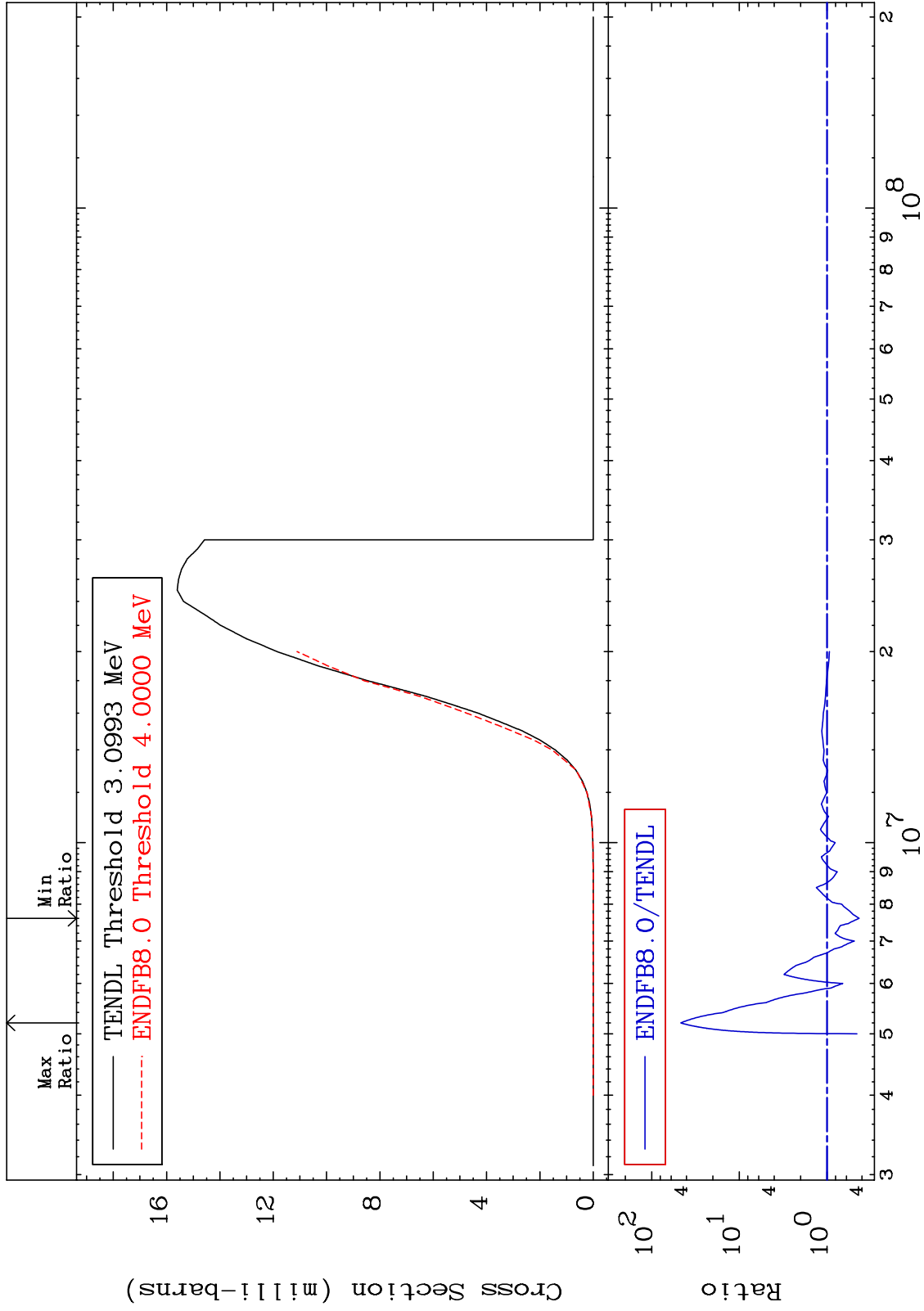
MAT 6649

(n,p)

66-Dy-164

Cross Section

-57.05 To 4573. %



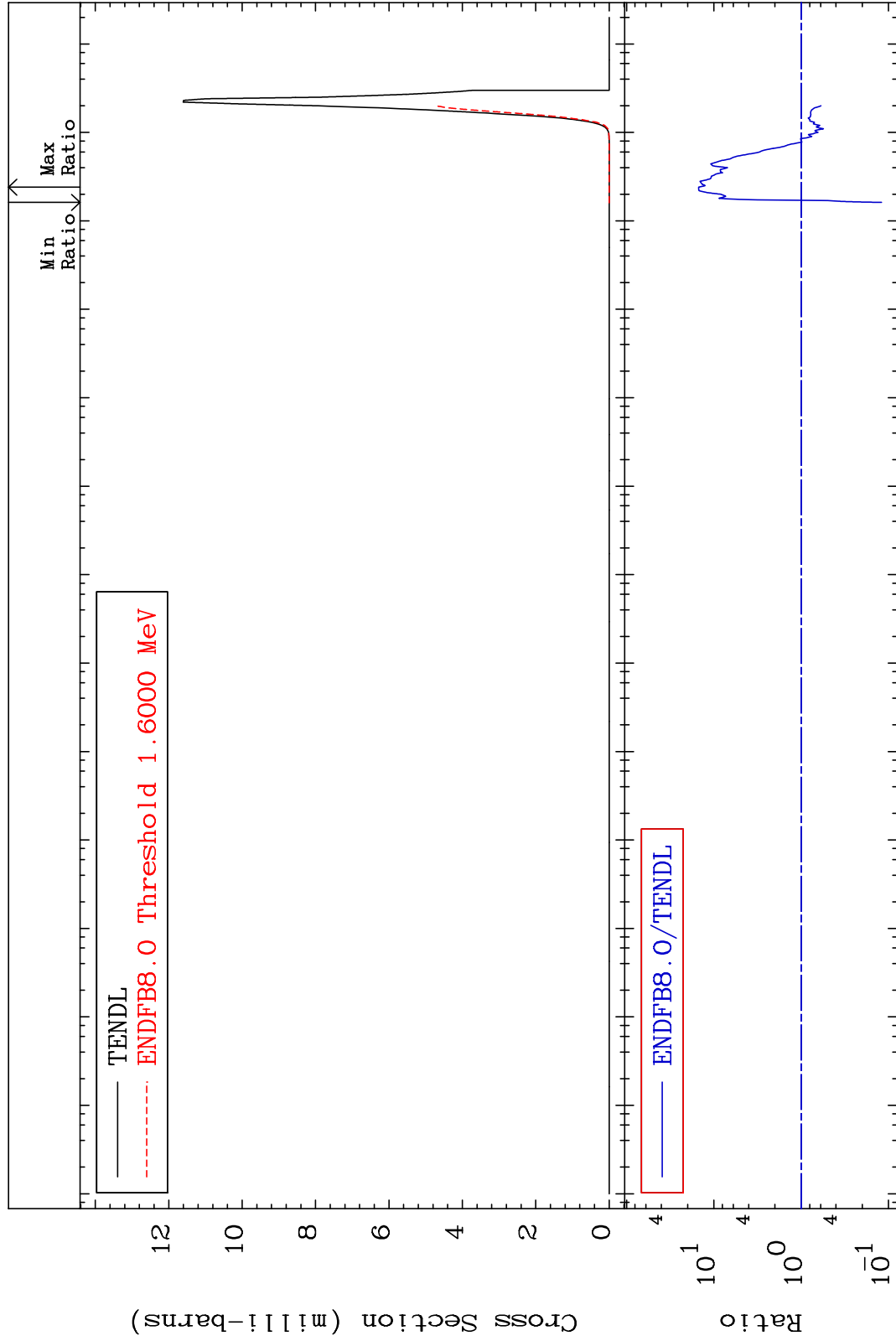
MAT 6649

(n,  $\alpha$ )

66-Dy-164

Cross Section

-87.98 To 1392. %



Incident Energy (eV)

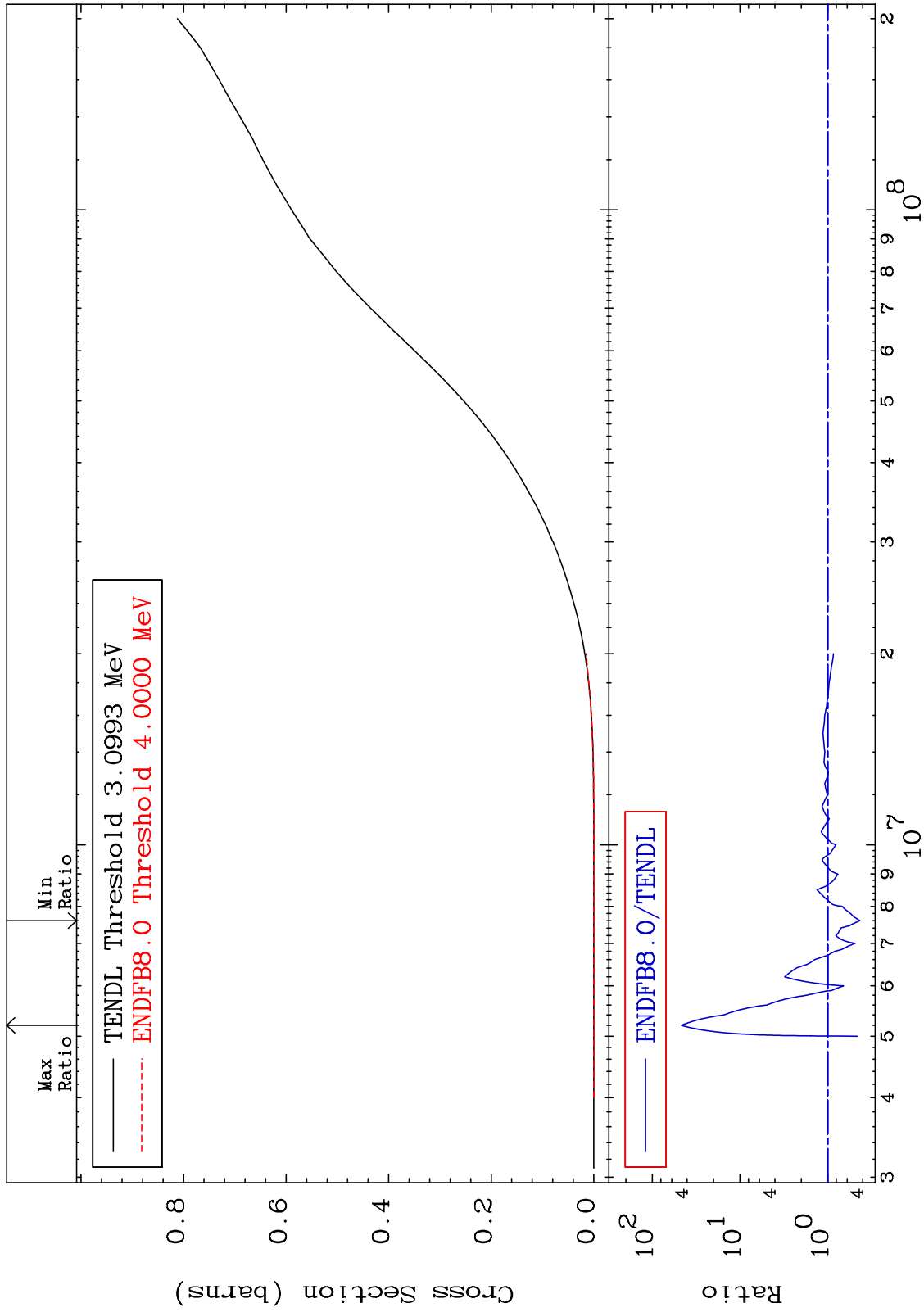
66-Dy-164

42

MAT 6649

### Hydrogen Production Cross Section

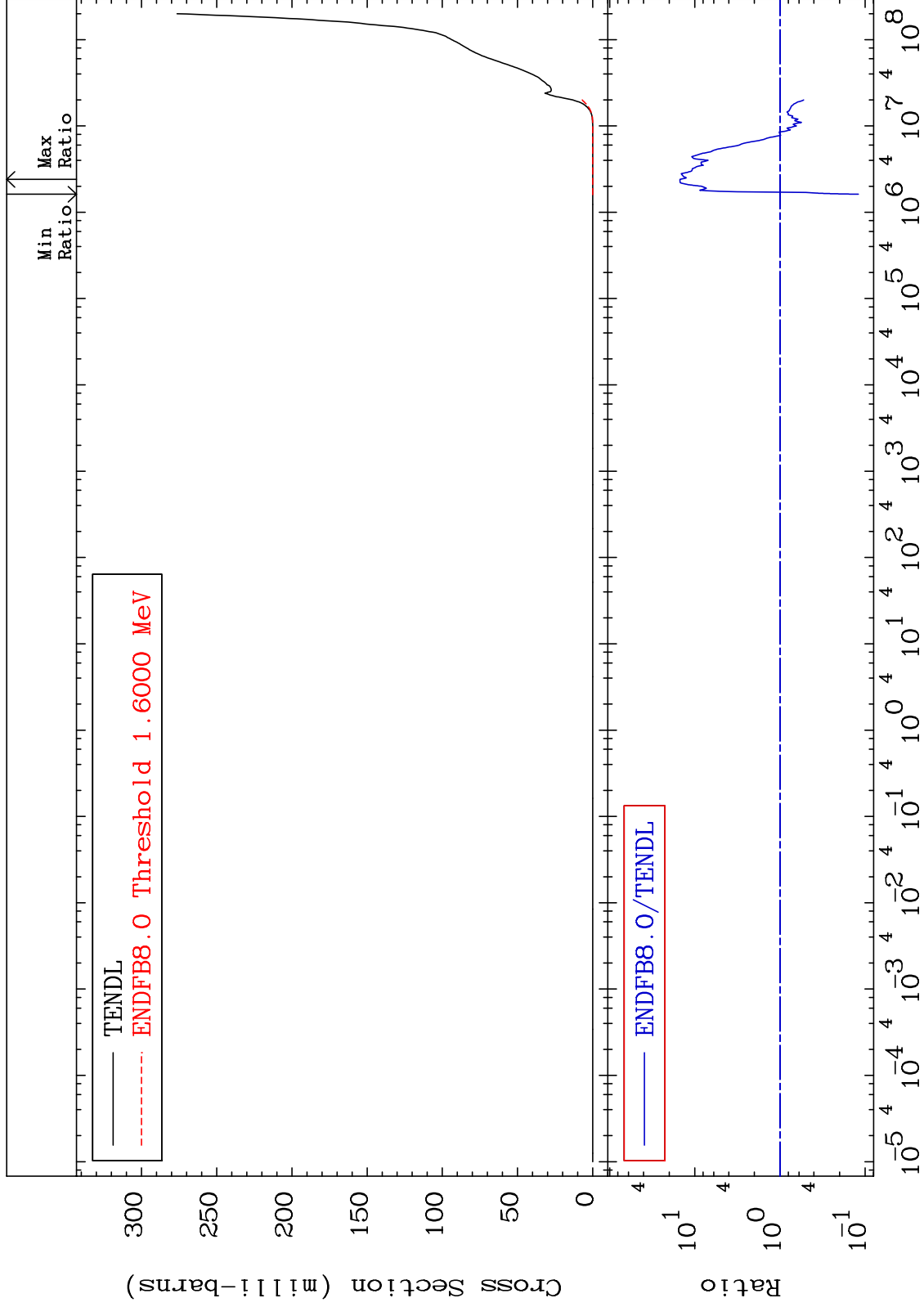
66-Dy-164  
-57.05 To 4573. %



MAT 6649

He-4 Production  
Cross Section

66-Dy-164  
-87.98 To 1392. %



44

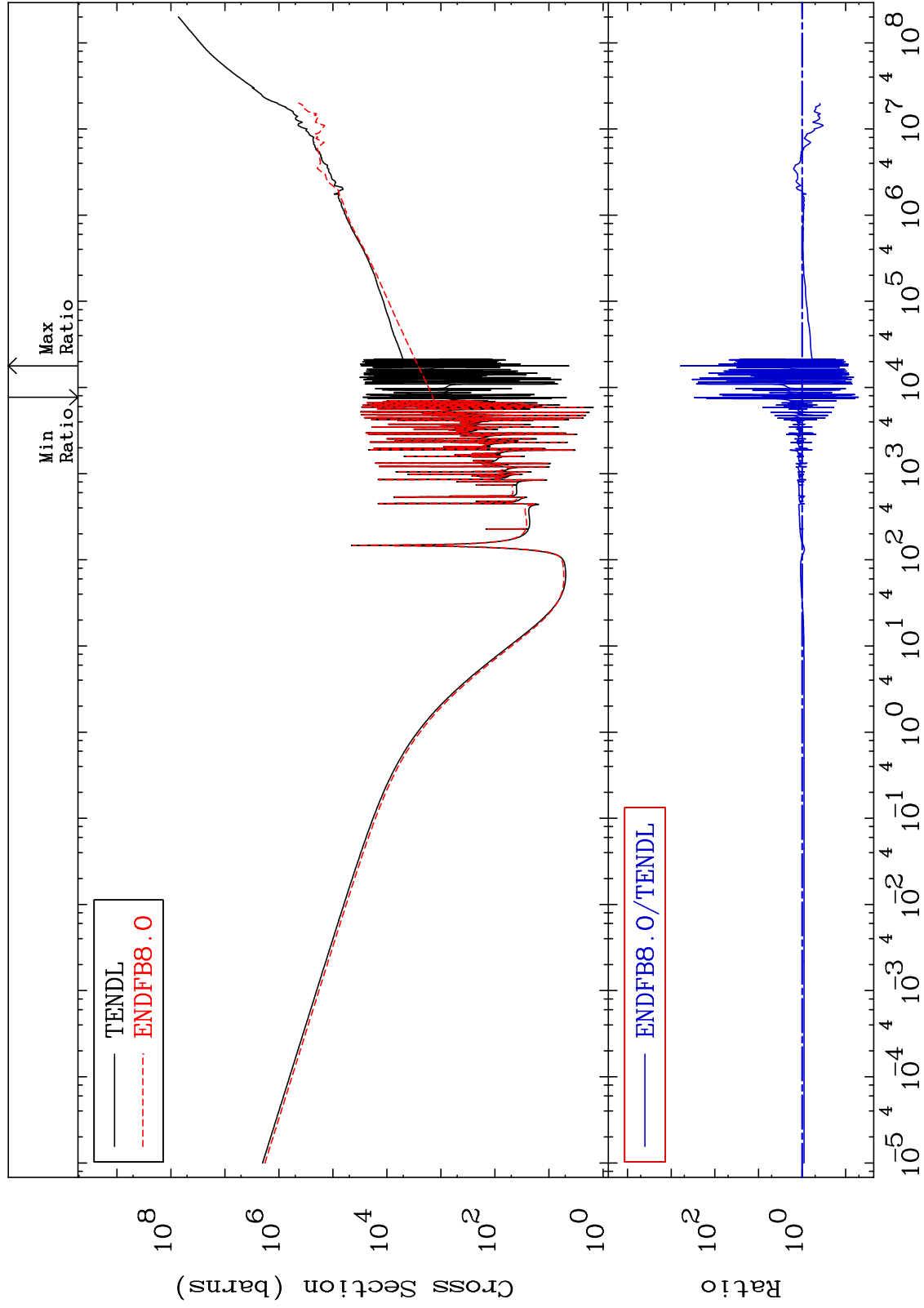
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma total (eV-barns)  
Cross Section

66-Dy-164  
-94.91 To 9999. %



45

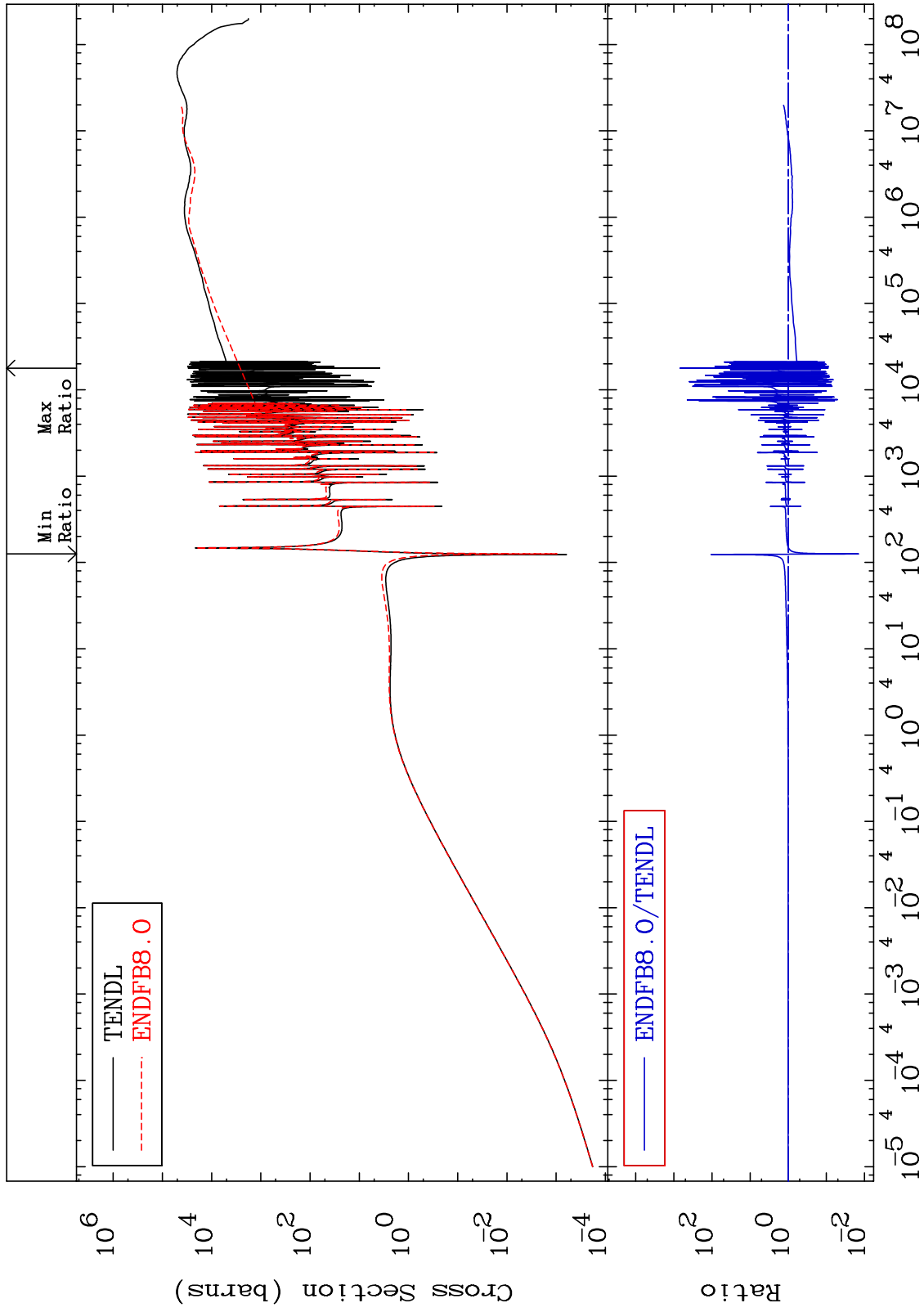
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma elastic  
Cross Section

66-Dy-164  
-98.56 To 9999. %



46

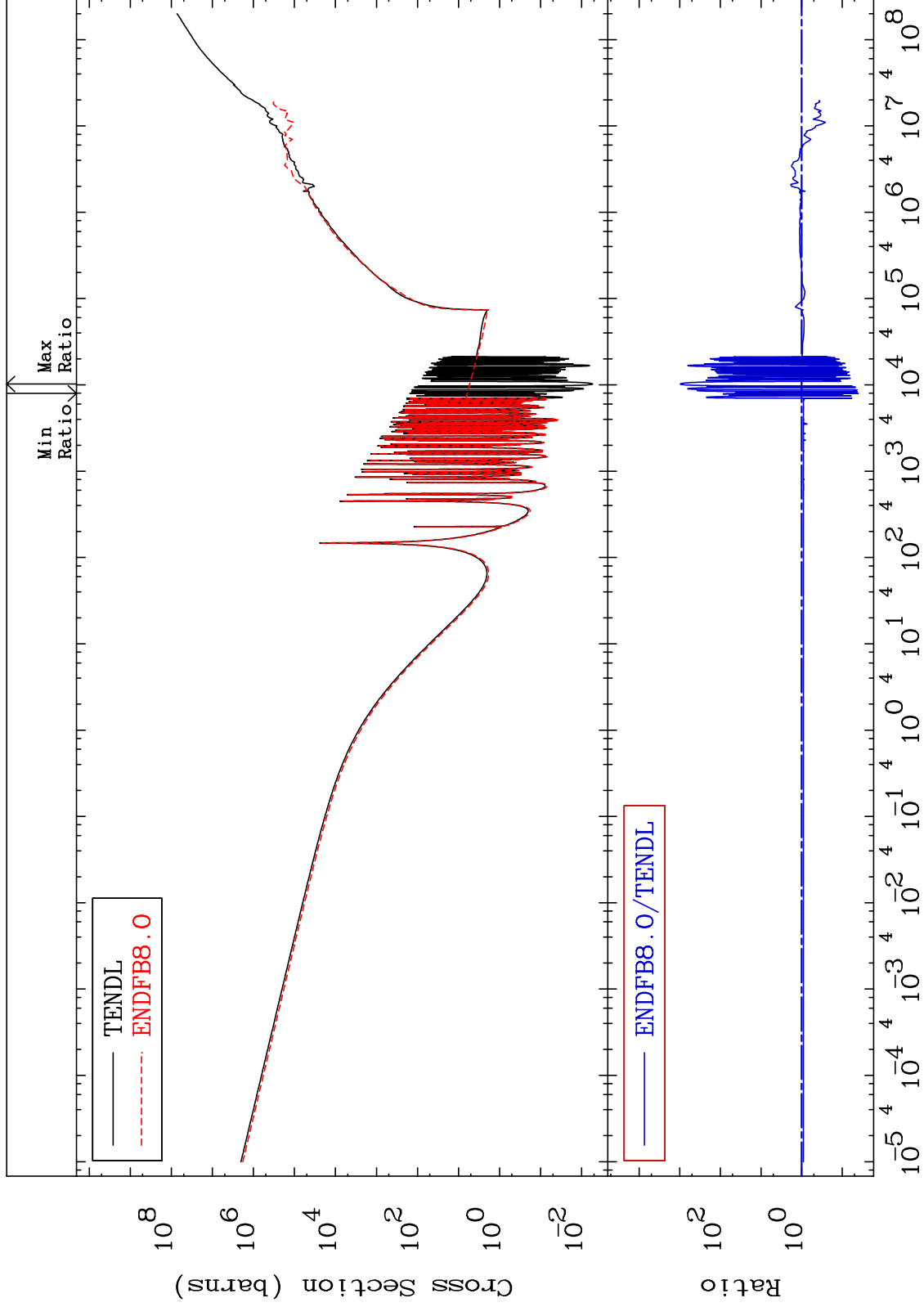
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma non-elastic (all but mt2)  
Cross Section

66-Dy-164  
-96.02 To 9999. %



47

Incident Energy (eV)

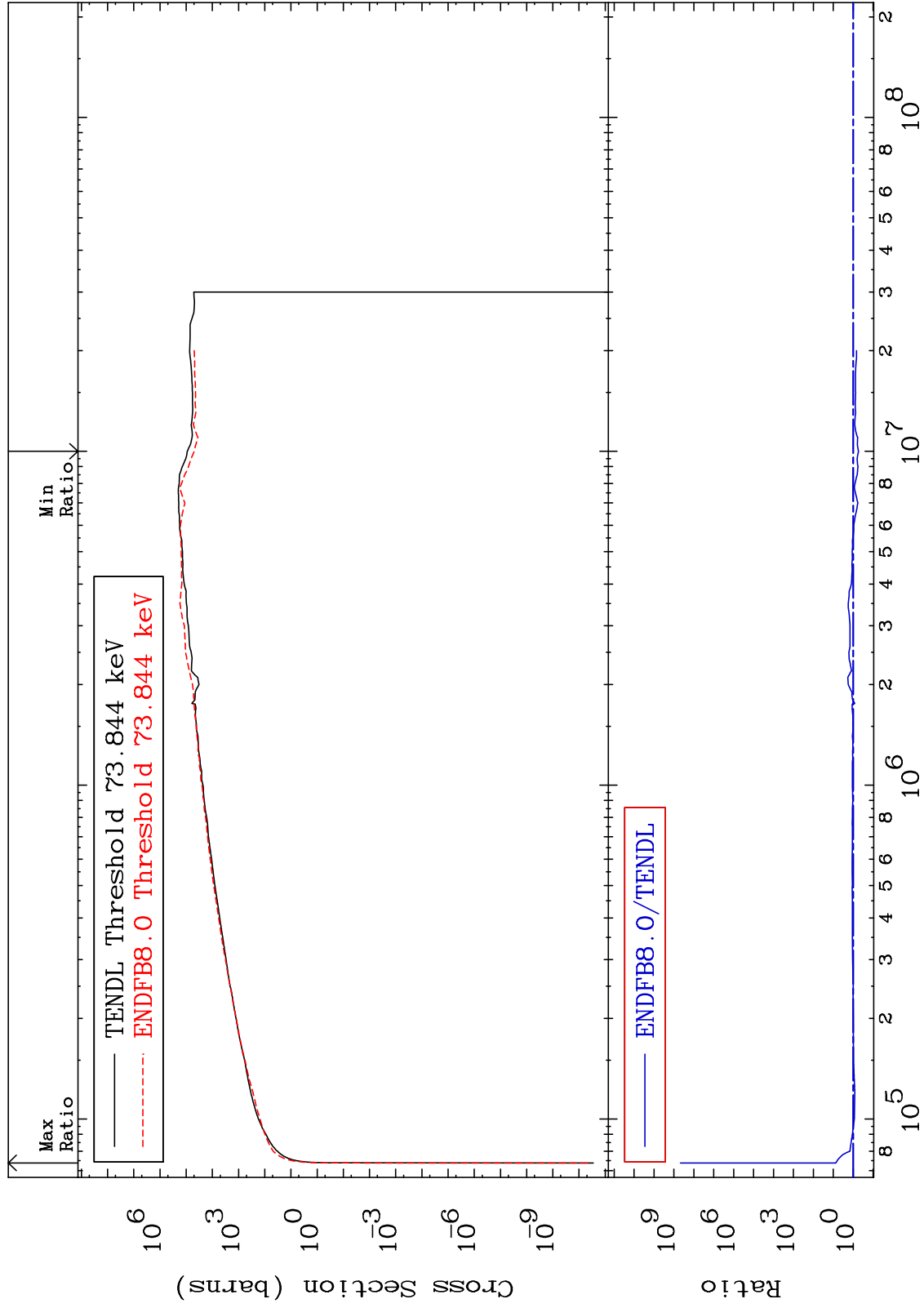
66-Dy-164



MAT 6649

Kerma inelastic (mt51-91)  
Cross Section

66-Dy-164  
-46.23 To 9999. %



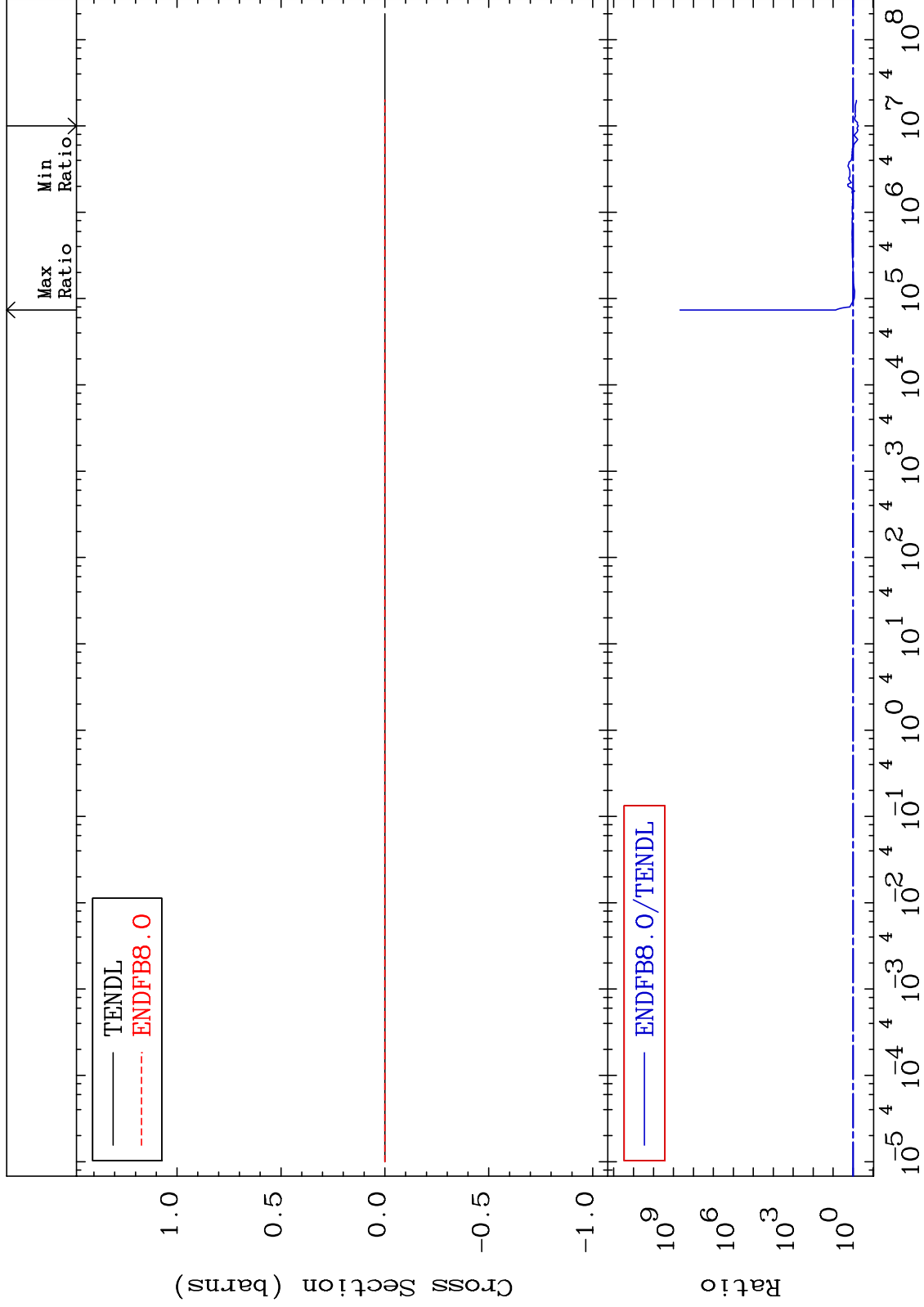
48

66-Dy-164

MAT 6649

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

66-Dy-164  
-46.23 To 9999. %



49

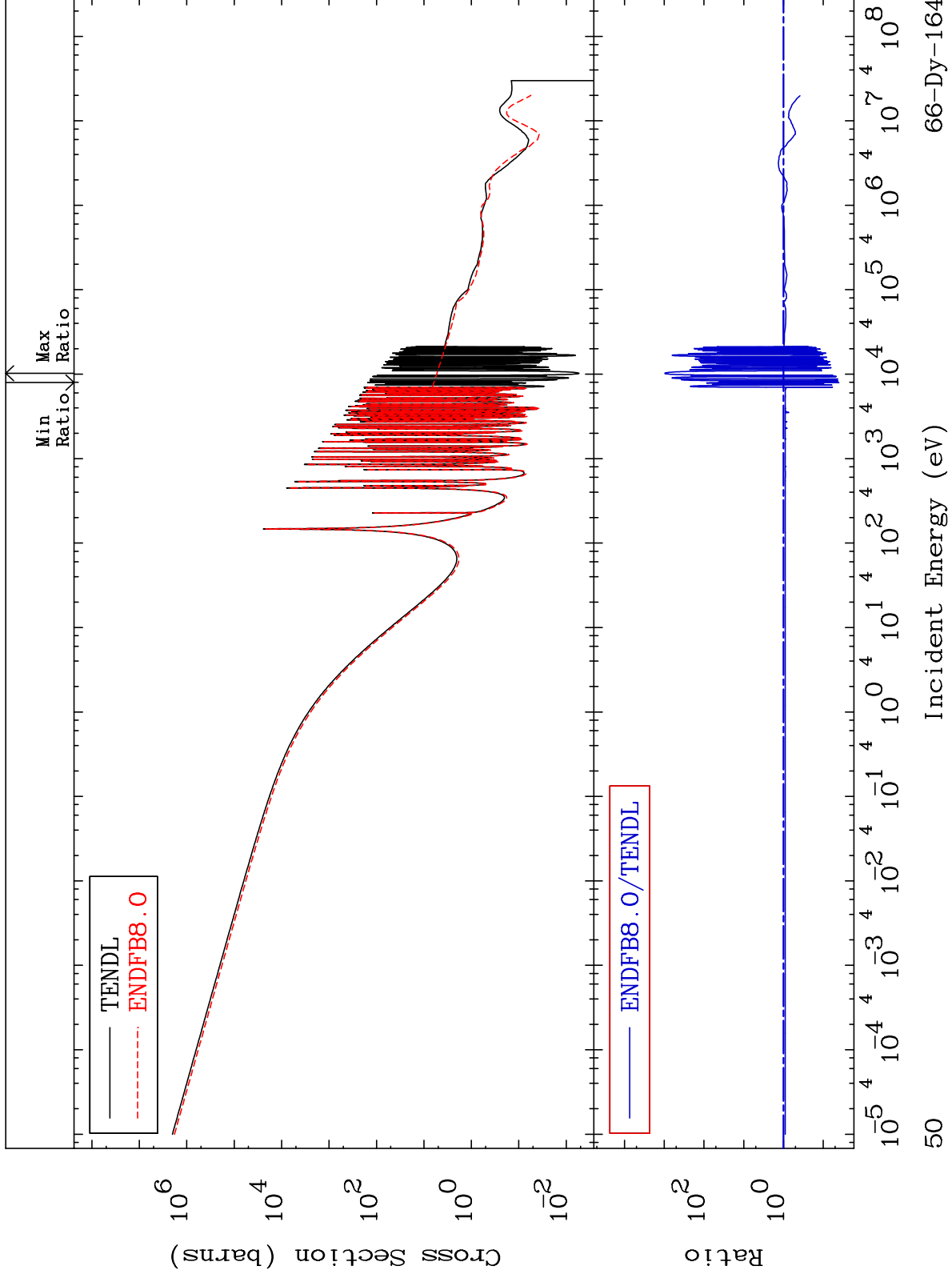
Incident Energy (eV)

66-Dy-164

MAT 6649

Kerma capture (mt102)  
Cross Section

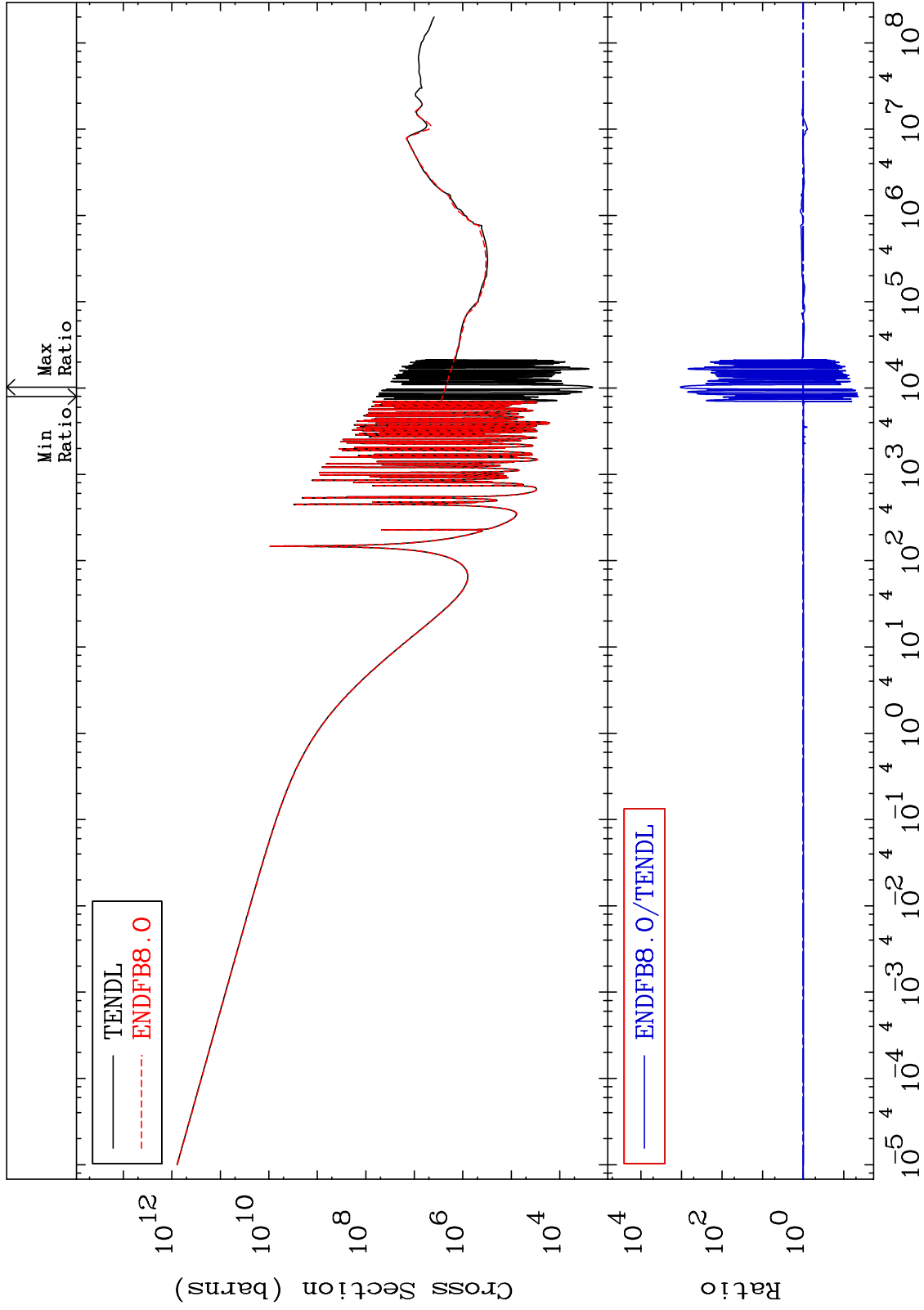
66-Dy-164  
-96.02 To 9999. %



MAT 6649

Total photon (eV-barns)  
Cross Section

66-Dy-164  
-95.65 To 9999. %



51

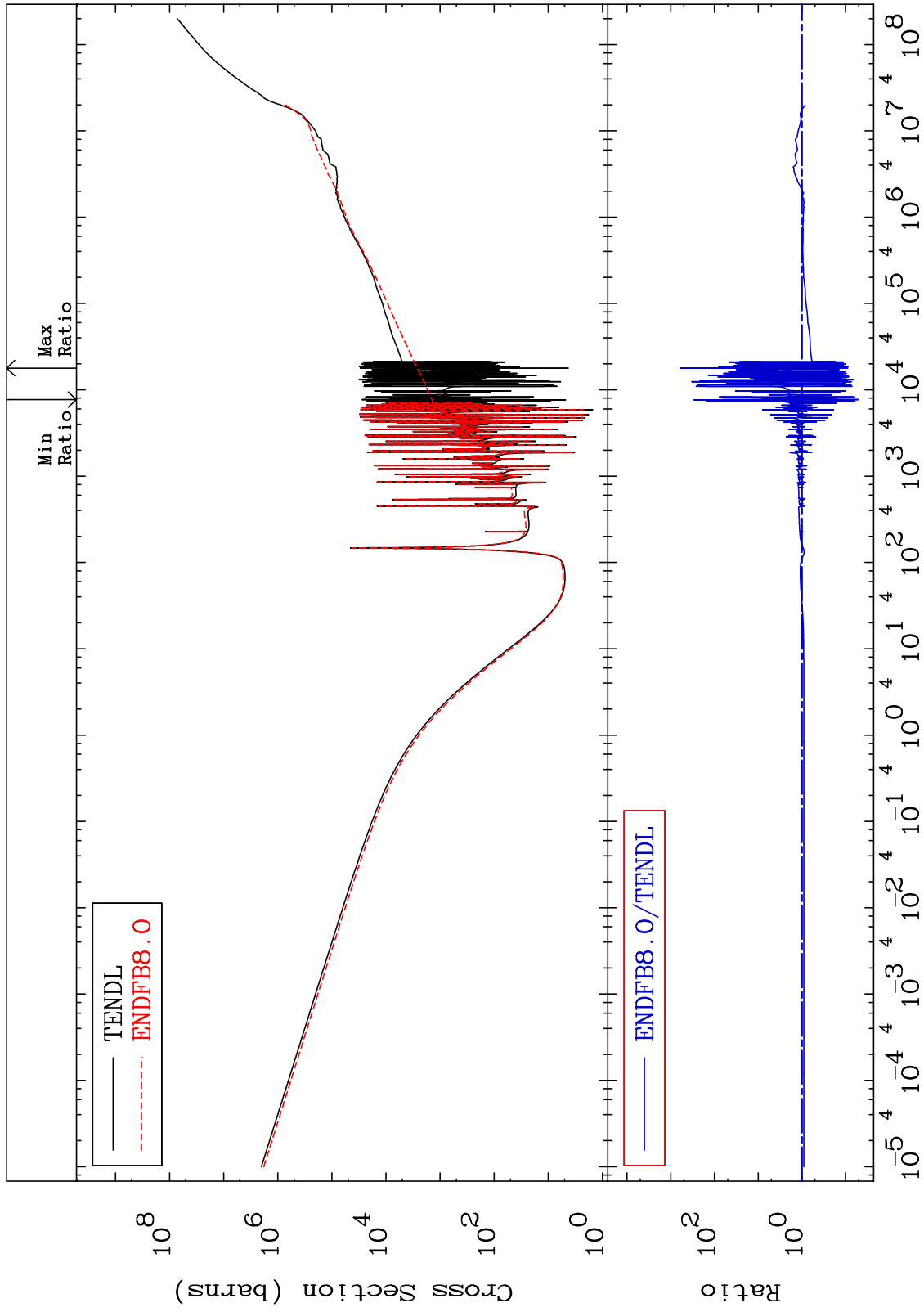
Incident Energy (eV)

66-Dy-164

MAT 6649

Total kinematic kerma (high limit)  
Cross Section

66-Dy-164  
-94.91 To 9999. %



52

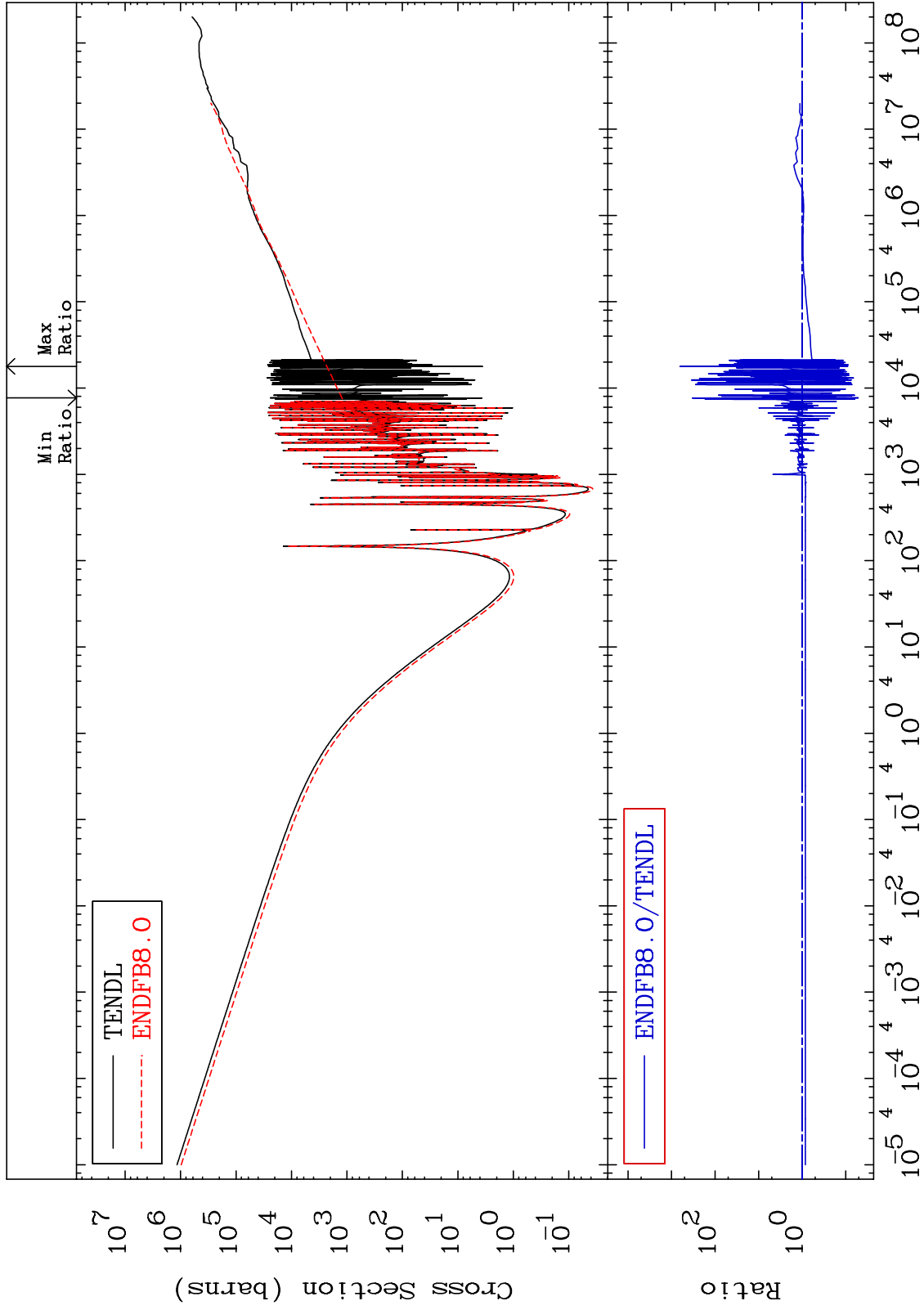
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa total (eV-barns)  
Cross Section

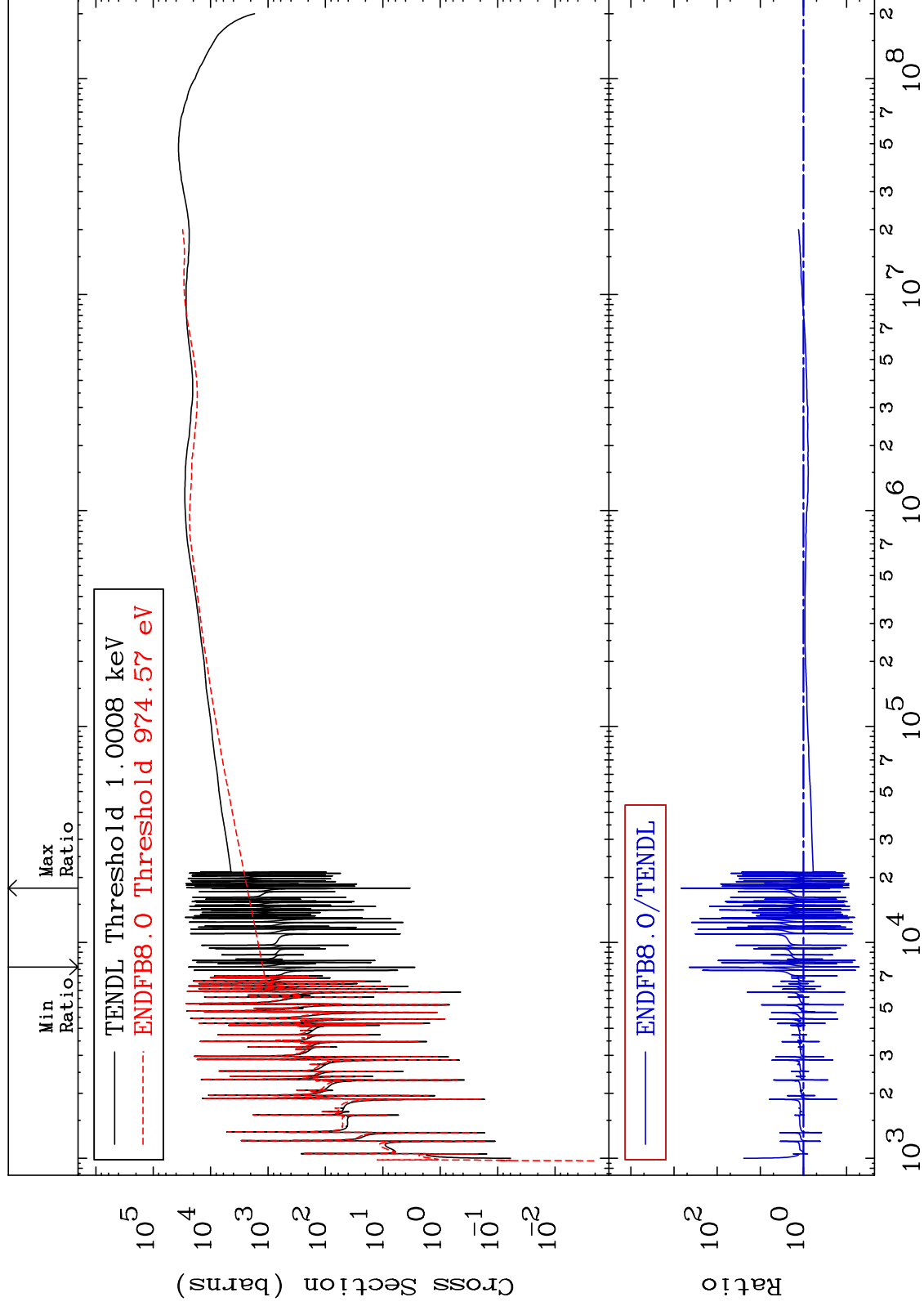
66-Dy-164  
-94.91 To 9999. %



MAT 6649

Dpa elastic (mt2)  
Cross Section

66-Dy-164  
-94.92 To 9999. %



54

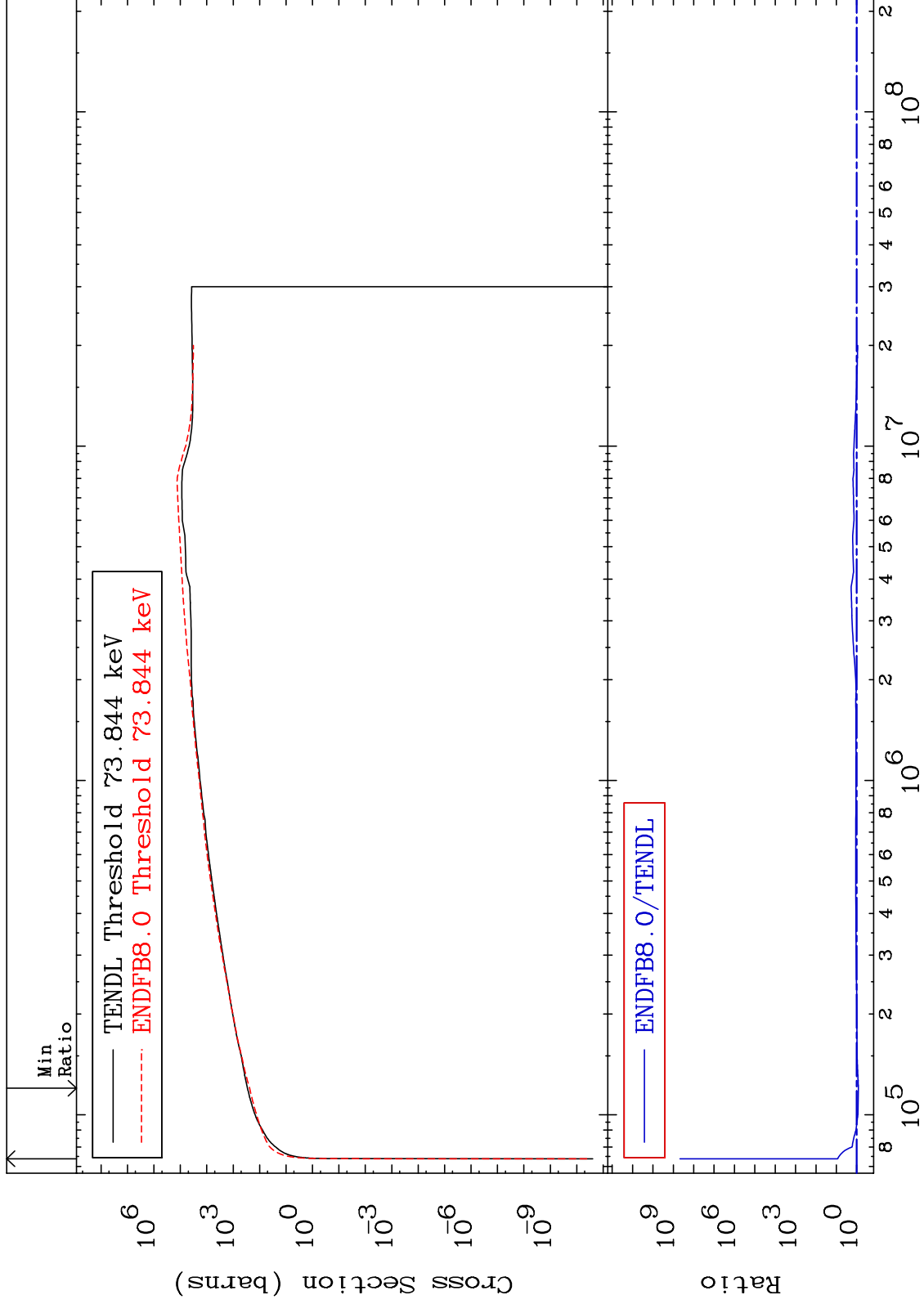
Incident Energy (eV)

66-Dy-164

MAT 6649

Dpa inelastic (mt51-91)  
Cross Section

66-Dy-164  
-17.32 To 9999. %



55

Incident Energy (eV)

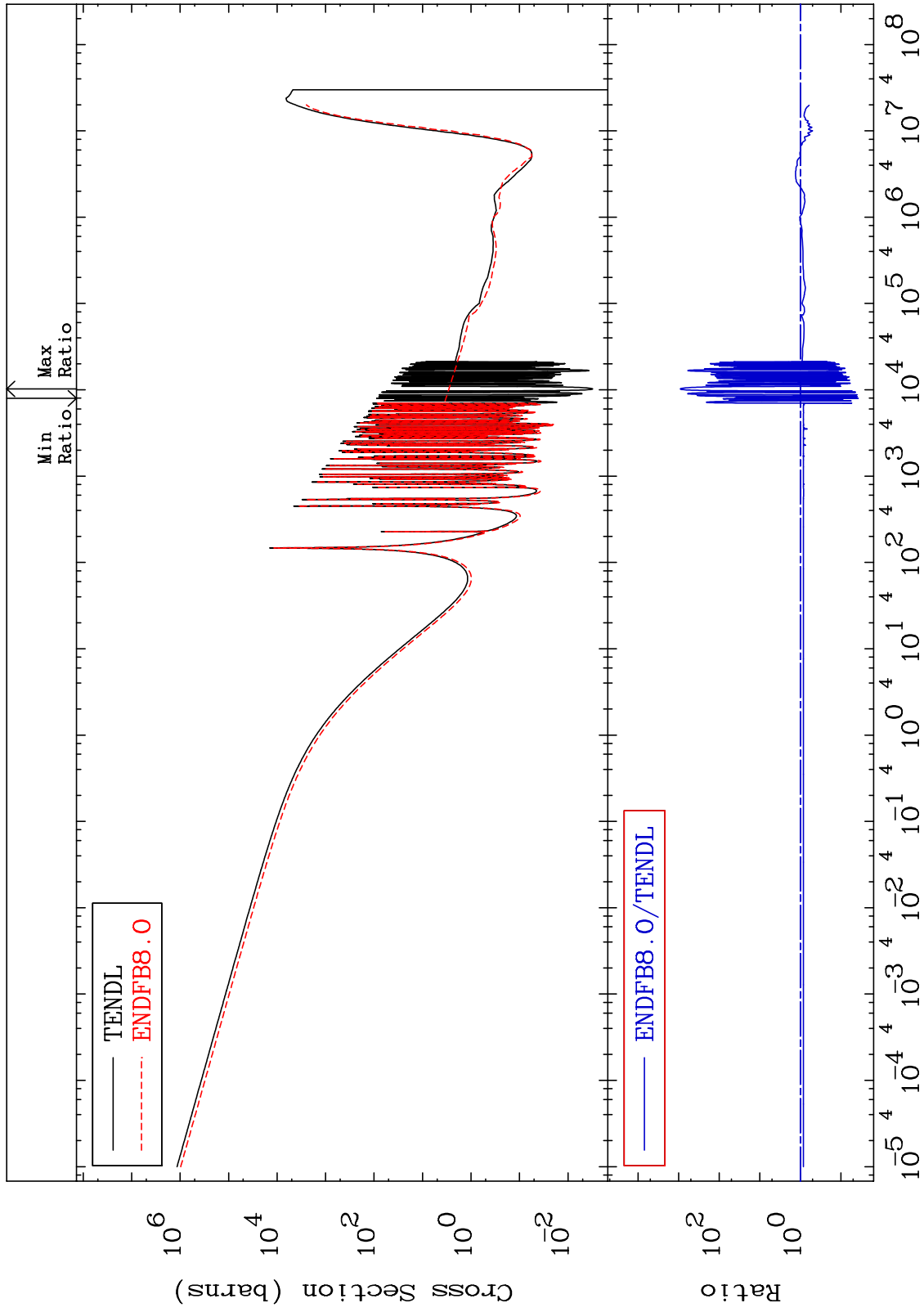
66-Dy-164



MAT 6649

Dpa disappearance (mt102 -120)  
Cross Section

66-Dy-164  
-96.30 To 9999. %



56

Incident Energy (eV)

66-Dy-164