

Program Complot  
(Version 2018-1)

by

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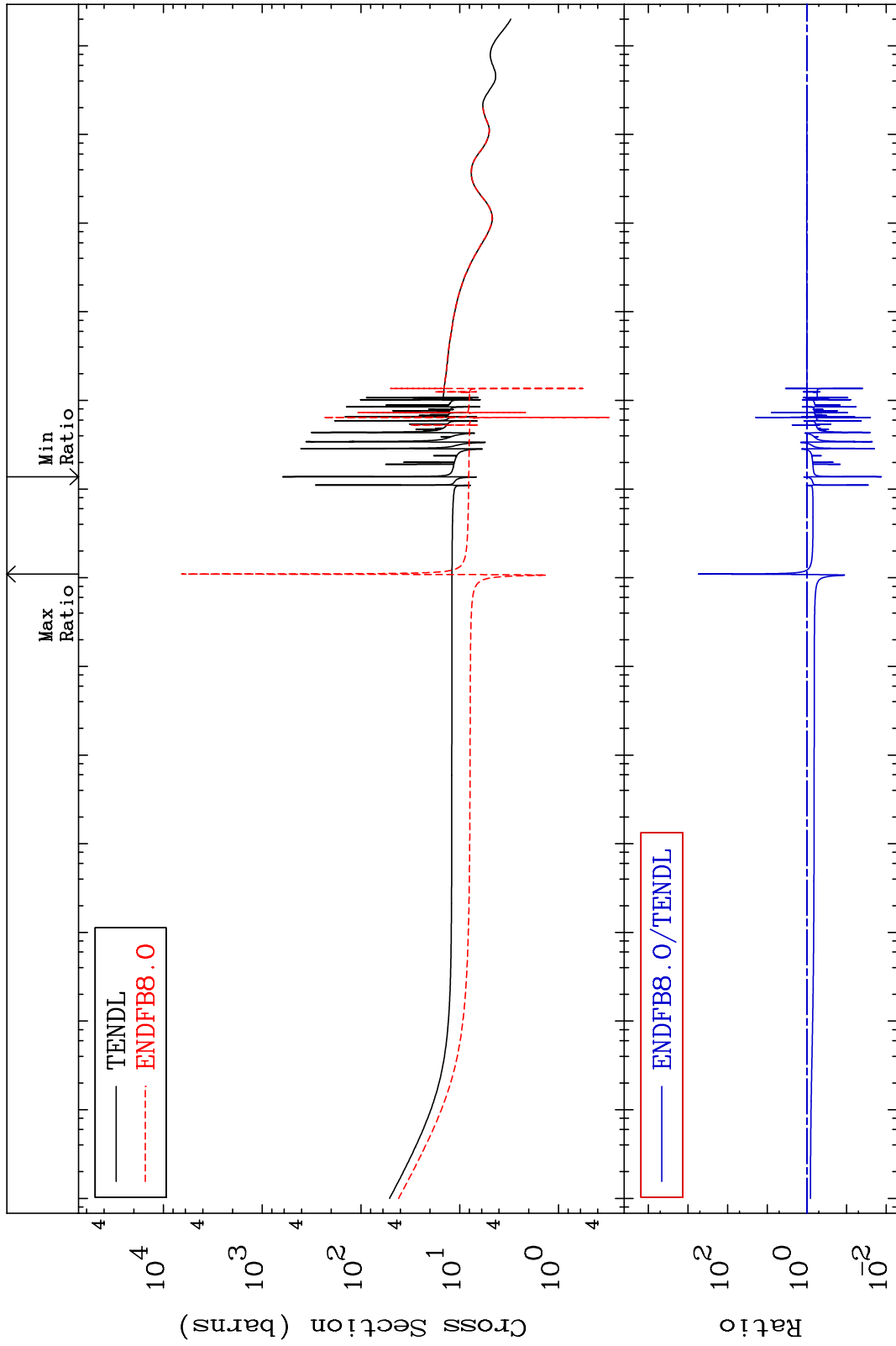
Press Mouse Button to Start

MAT 8329

83-Bi-210

-98.69 To 9999. %

Total  
Cross Section

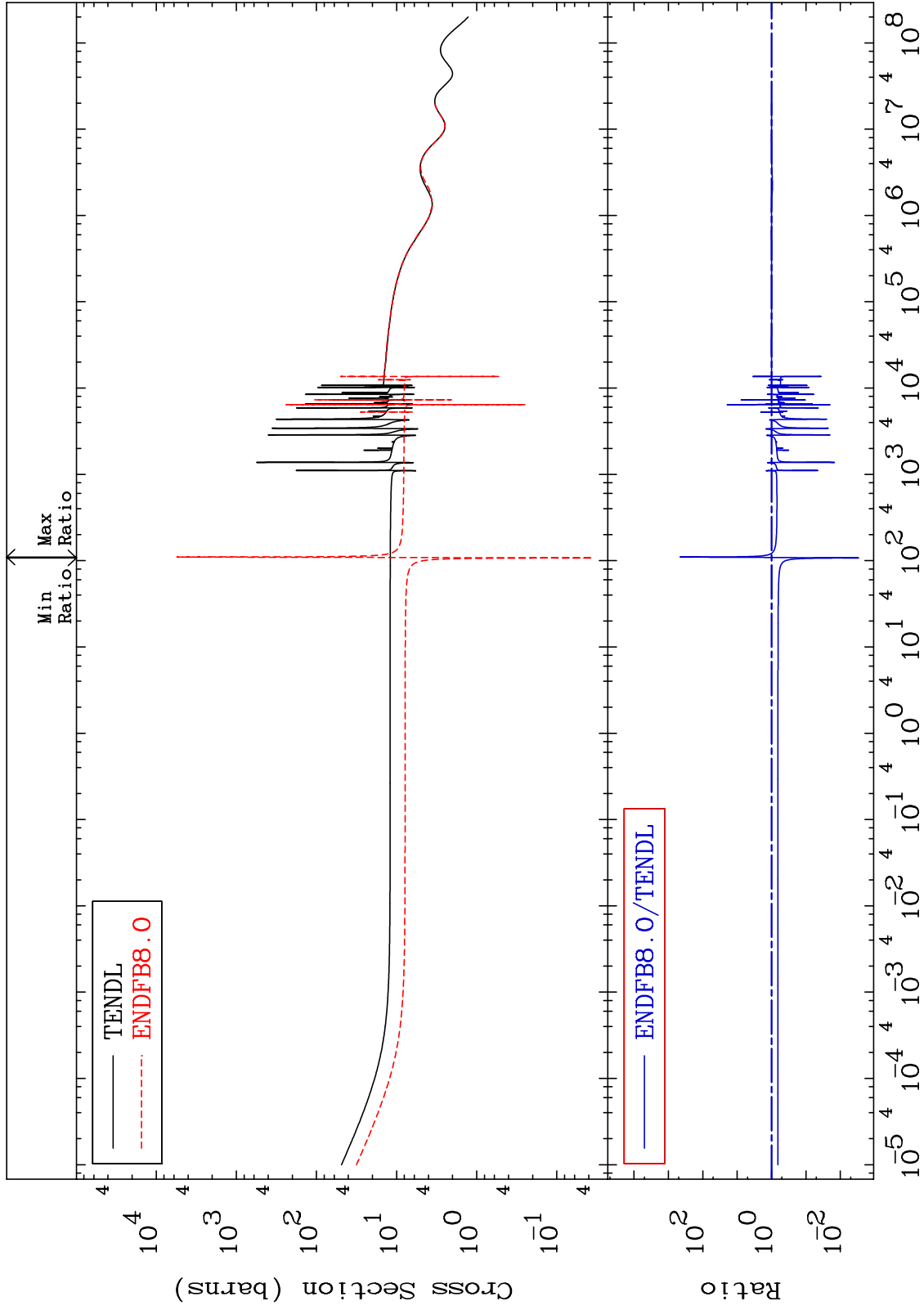


Incident Energy (eV) 83-Bi-210

MAT 8329

Elastic  
Cross Section

83-Bi-210  
-99.70 To 9999. %



Incident Energy (eV)

83-Bi-210



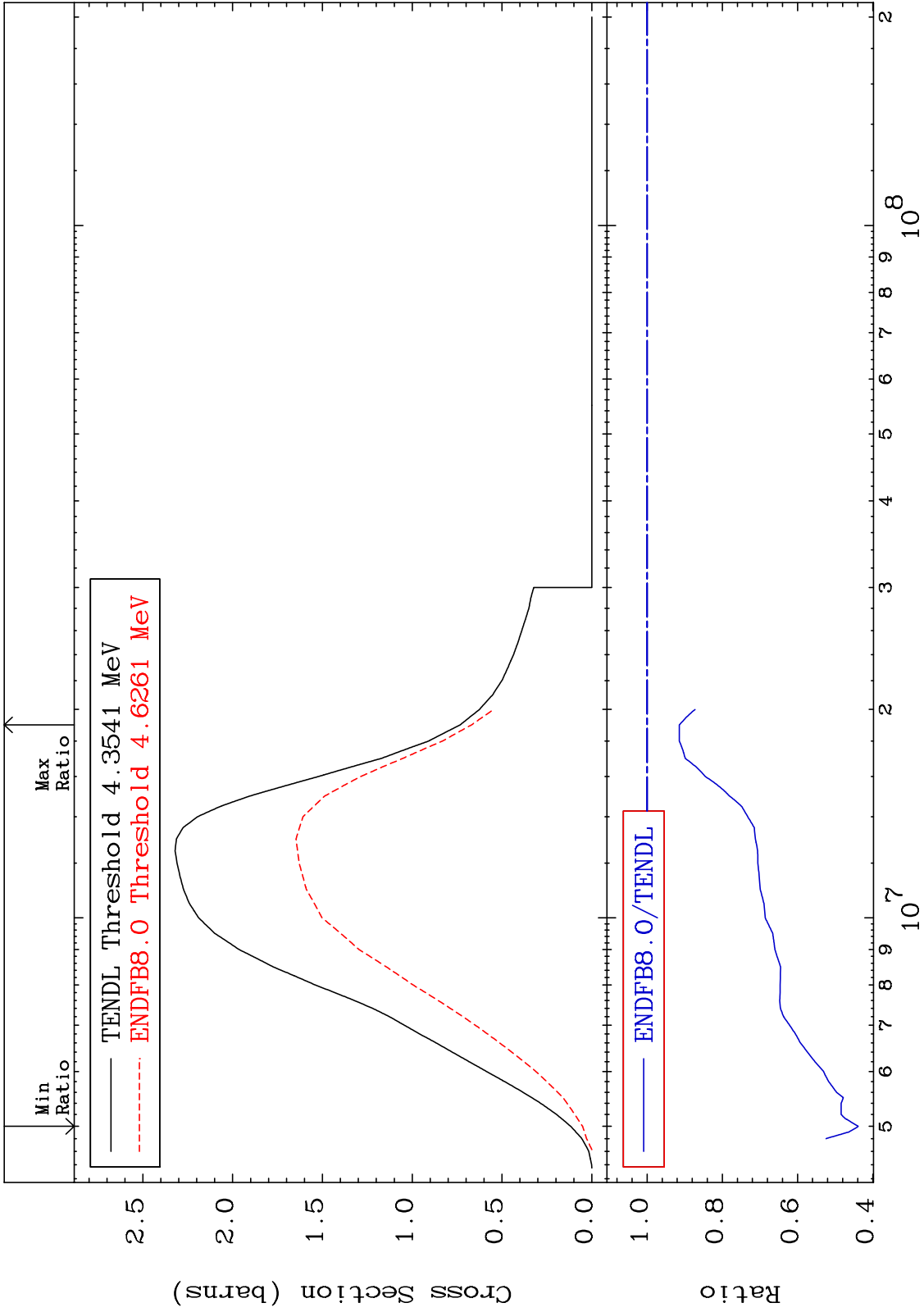
MAT 8329

(n,2n)

83-Bi-210

Cross Section

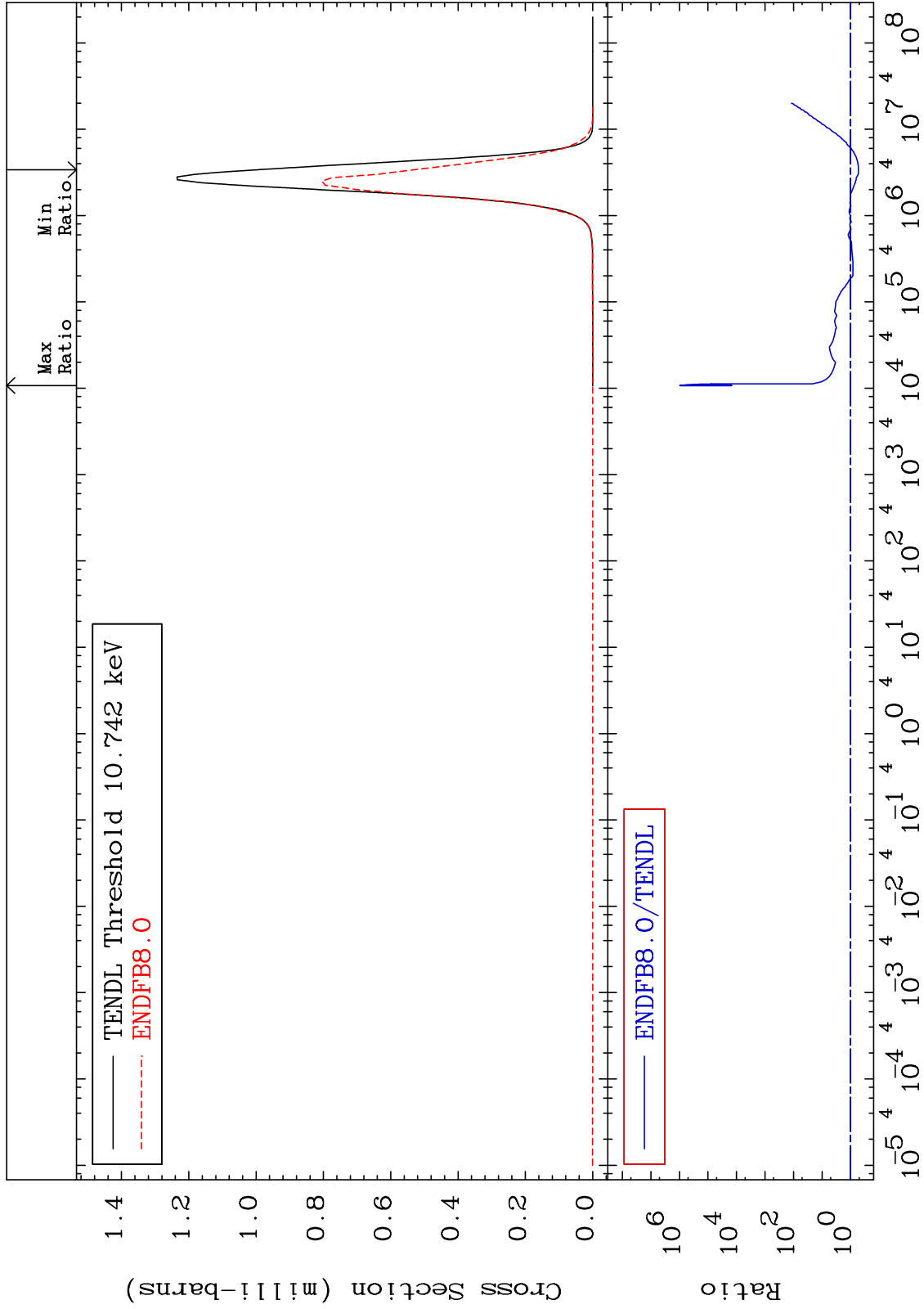
-56.14 To -8.573%



MAT 8329

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

83-Bi-210  
-46.81 To 9999. %

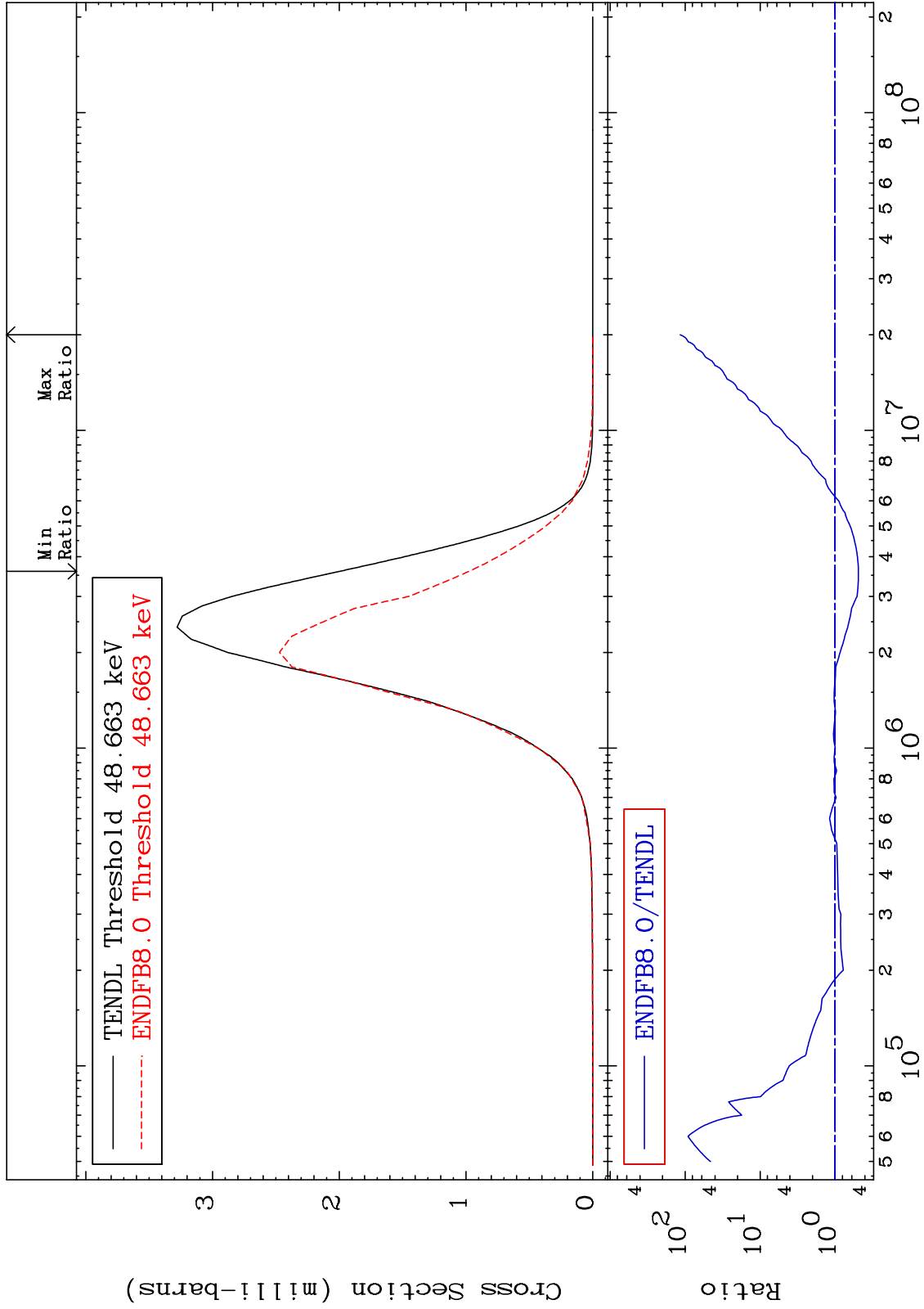




MAT 8329

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

83-Bi-210  
-51.13 To 9999. %

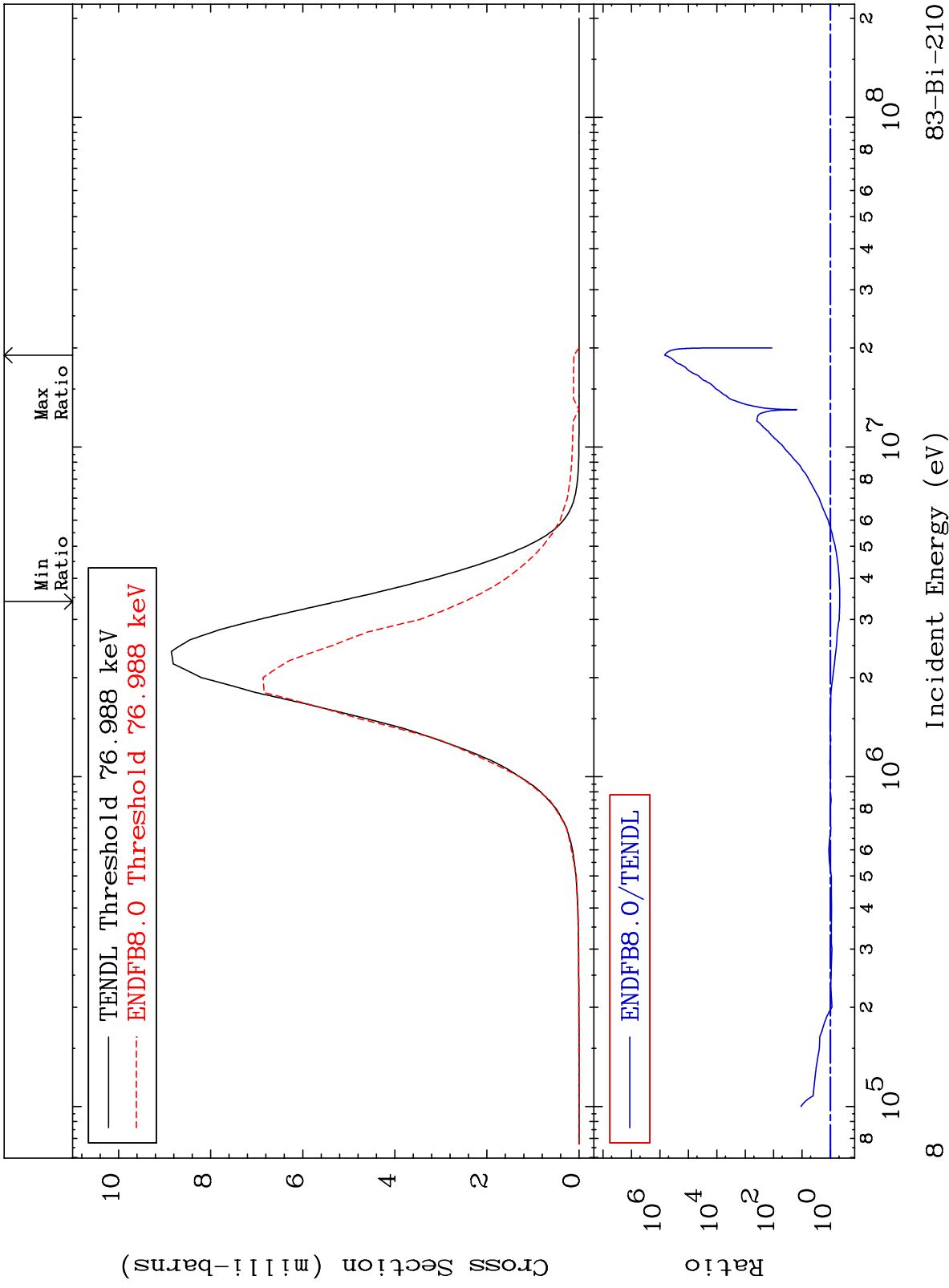




MAT 8329

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

83-Bi-210  
-52.57 To 9999. %



83-Bi-210

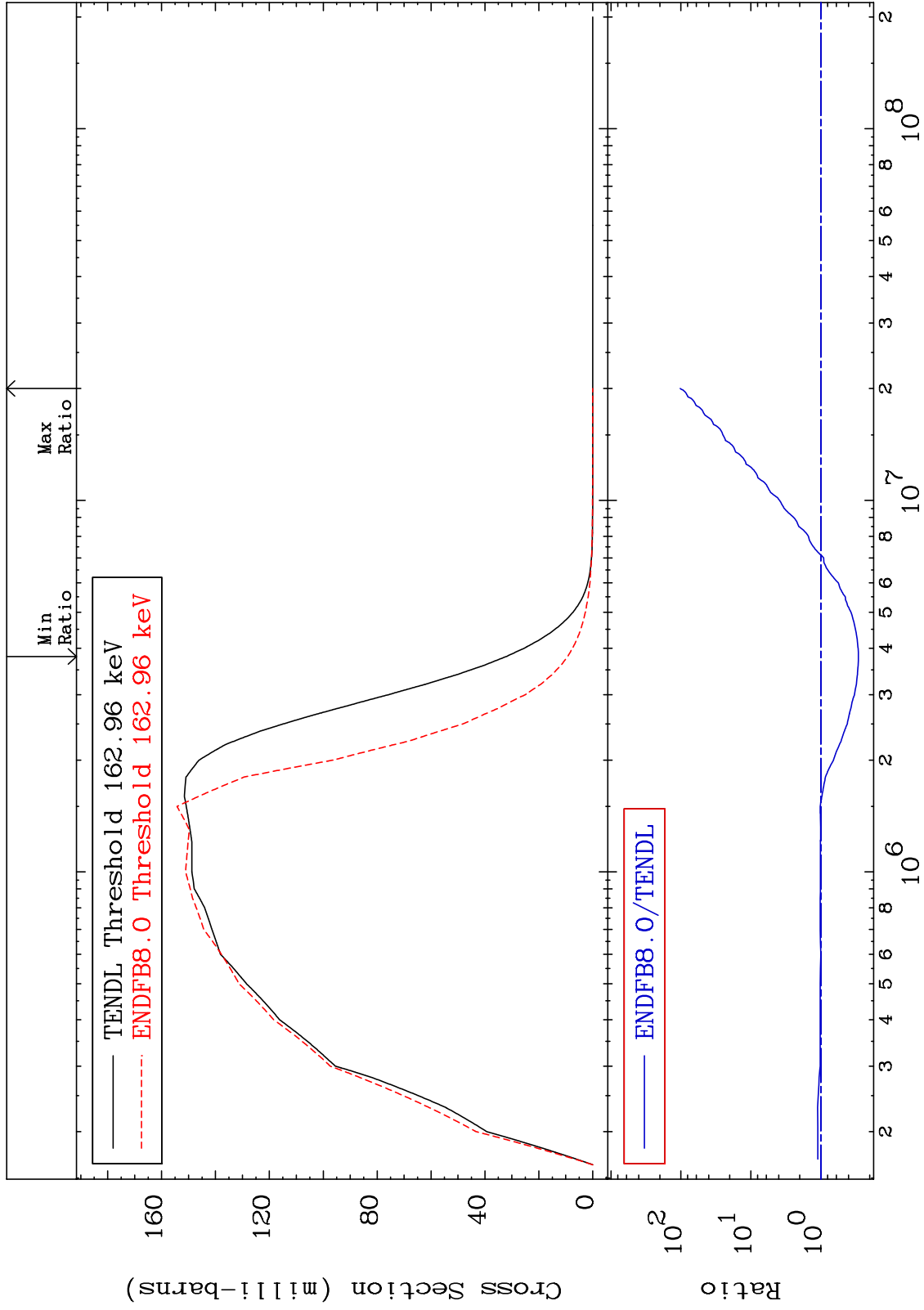
Incident Energy (eV)

8

MAT 8329

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

83-Bi-210  
-71.02 To 9999. %



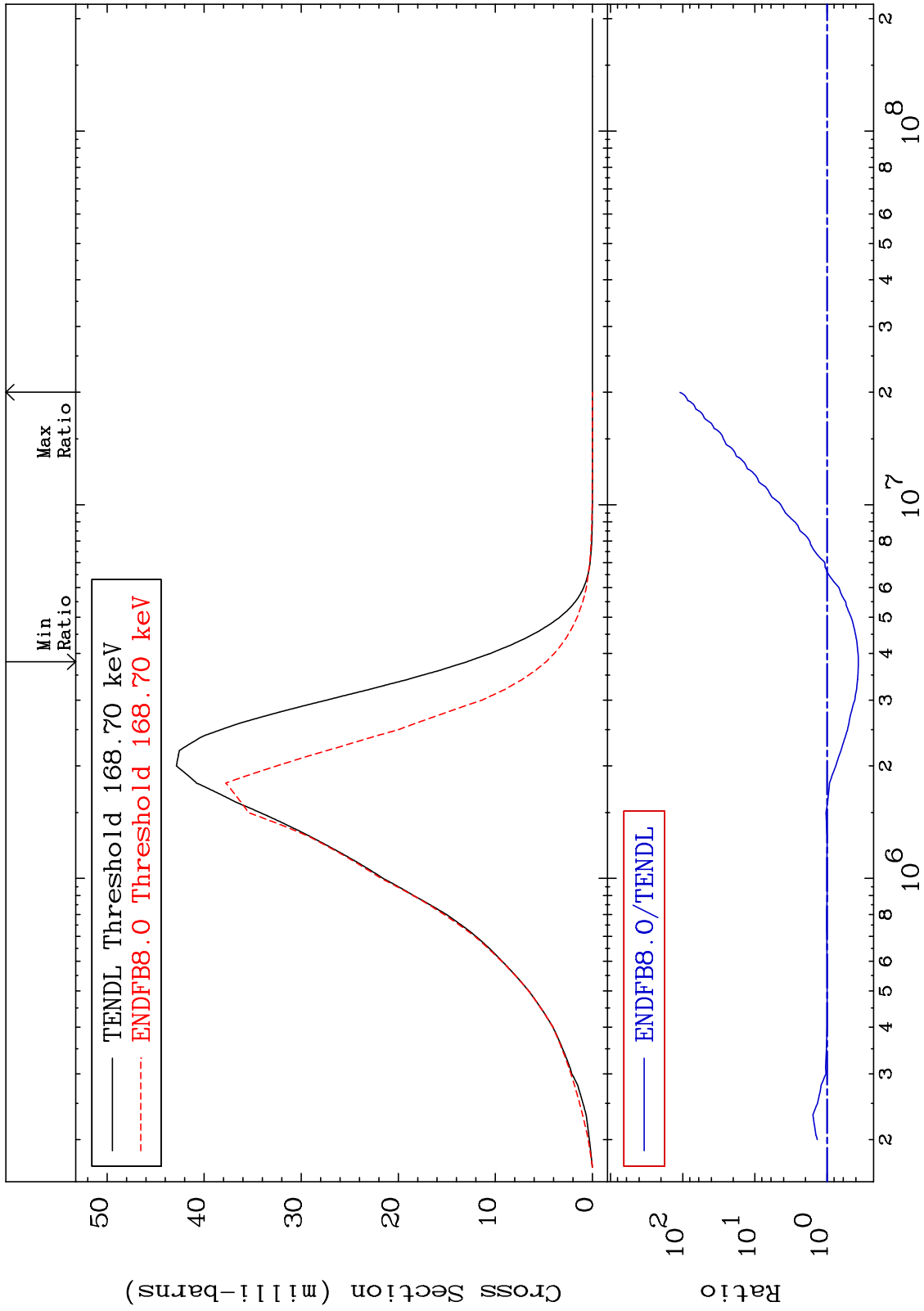
MAT 8329

MT= 56 (n,n') Level

83-Bi-210

-63.03 To 9999. %

Cross Section



10

Incident Energy (eV)

83-Bi-210

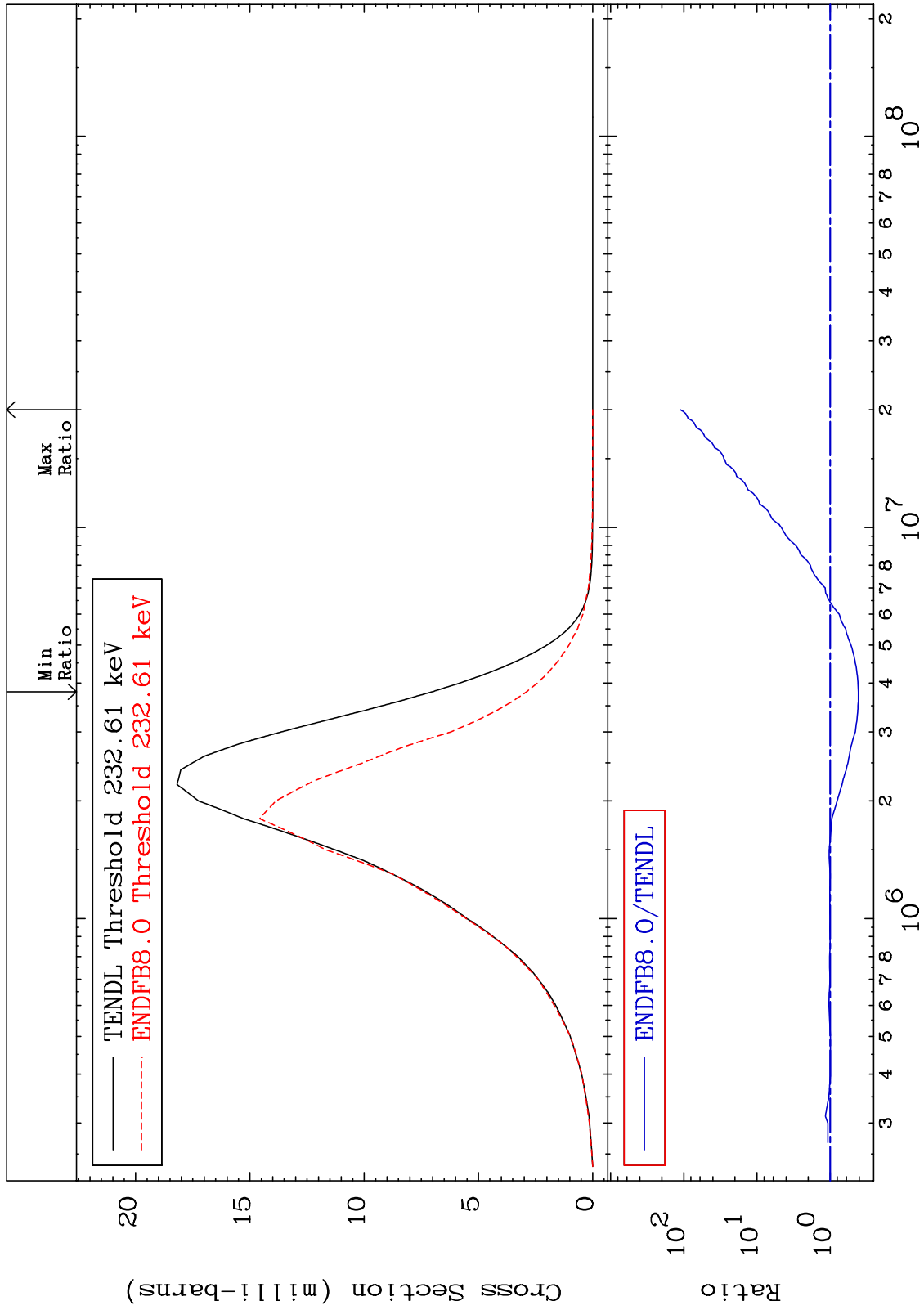
MAT 8329

MT= 57 (n,n') Level

83-Bi-210

-58.82 To 9999. %

Cross Section



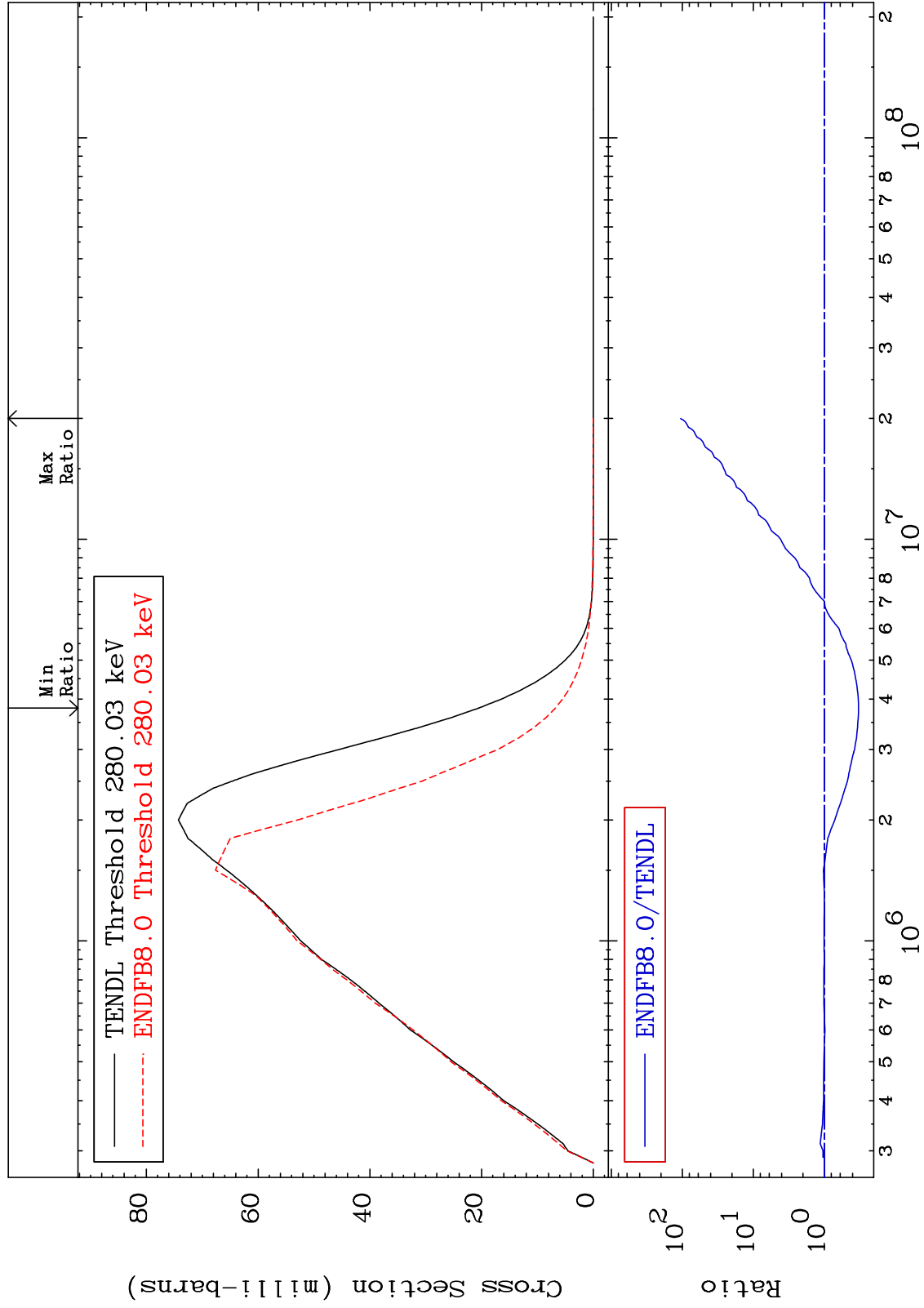
MAT 8329

MT= 58 (n,n') Level

83-Bi-210

-66.95 To 9999. %

Cross Section



12

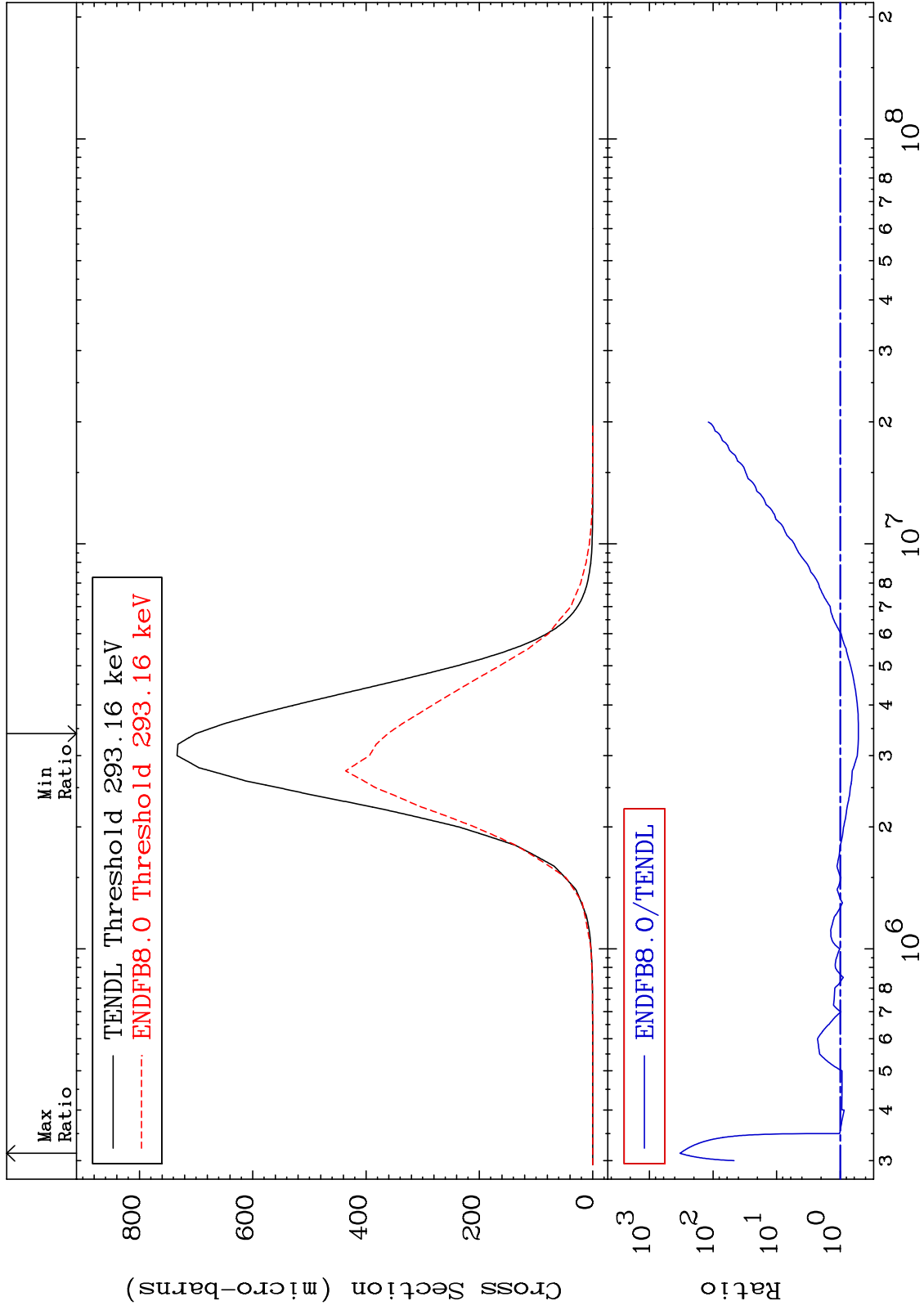
Incident Energy (eV)

83-Bi-210

MAT 8329

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

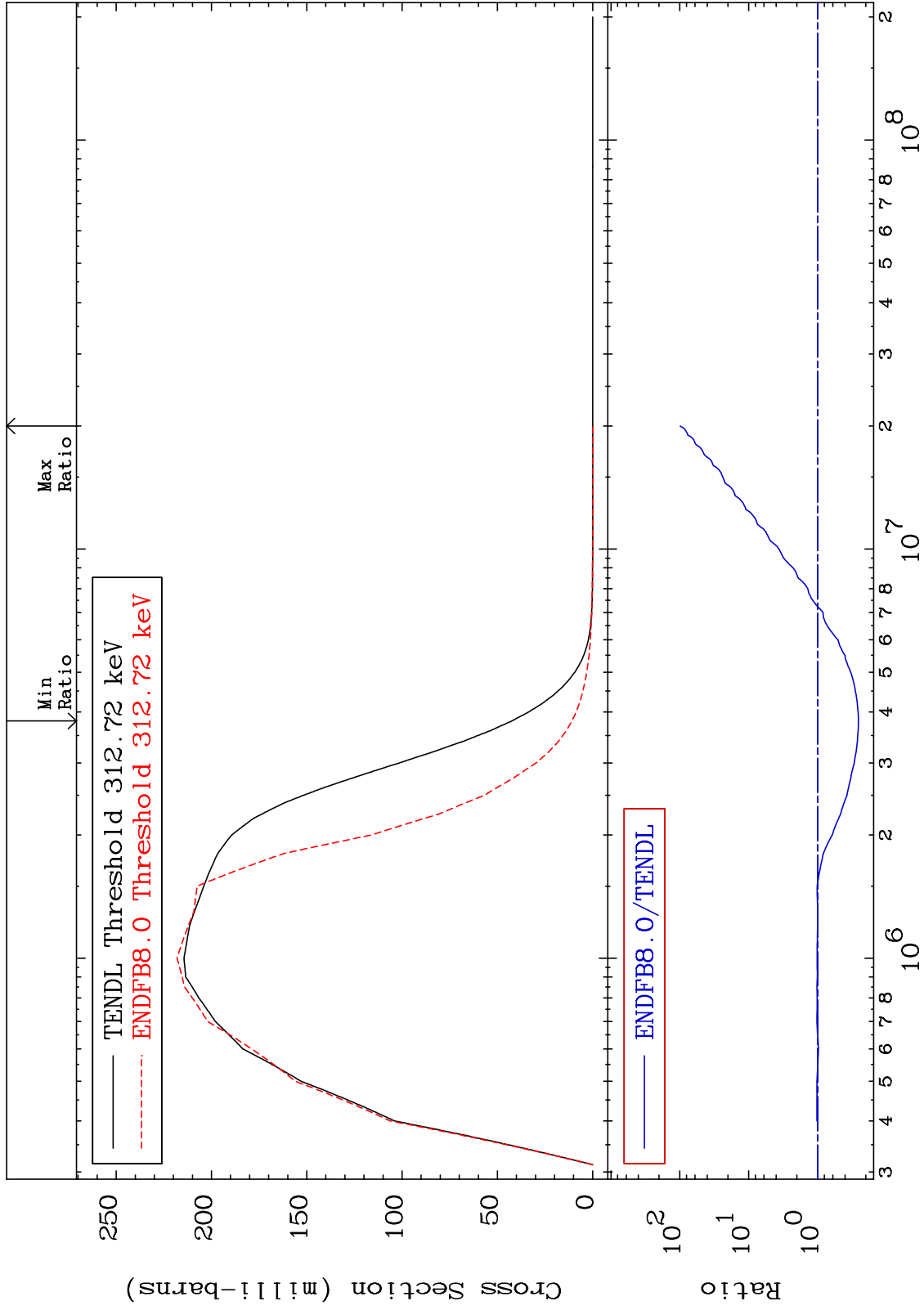
83-Bi-210  
-48.38 To 9999. %



MAT 8329

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

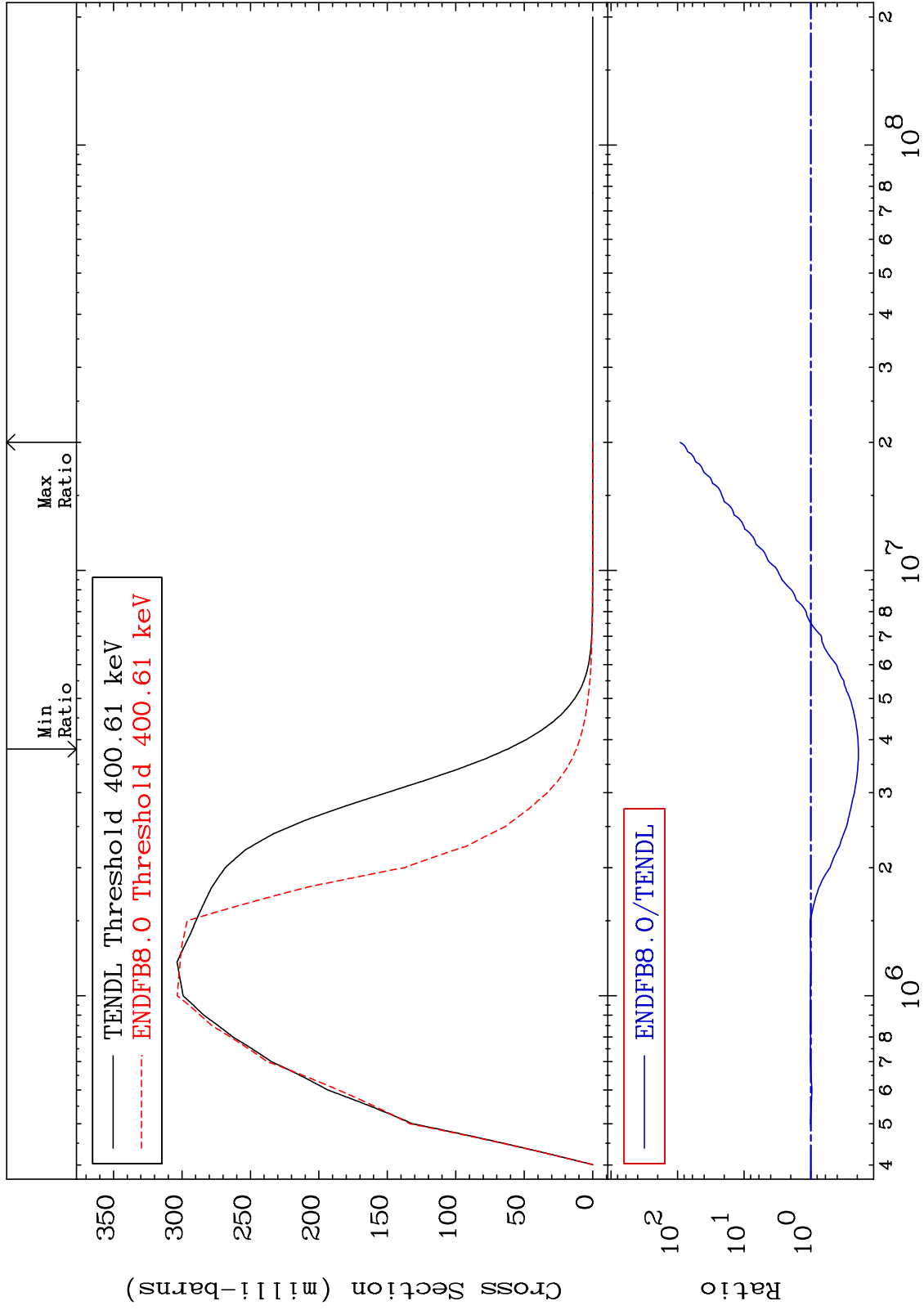
83-Bi-210  
-74.44 To 9832. %



MAT 8329

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

83-Bi-210  
-80.80 To 9109. %



15

Incident Energy (eV)

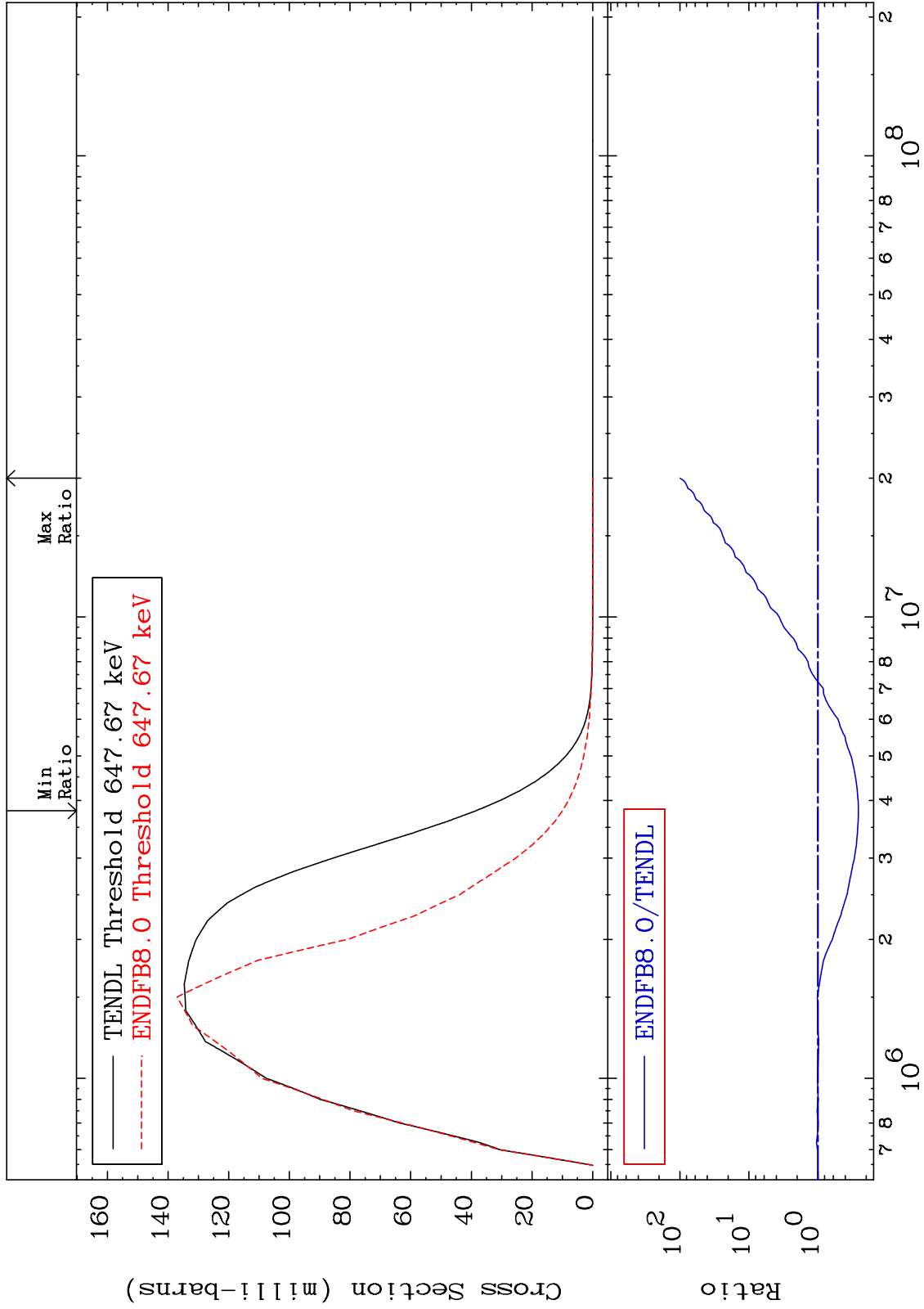
83-Bi-210



MAT 8329

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

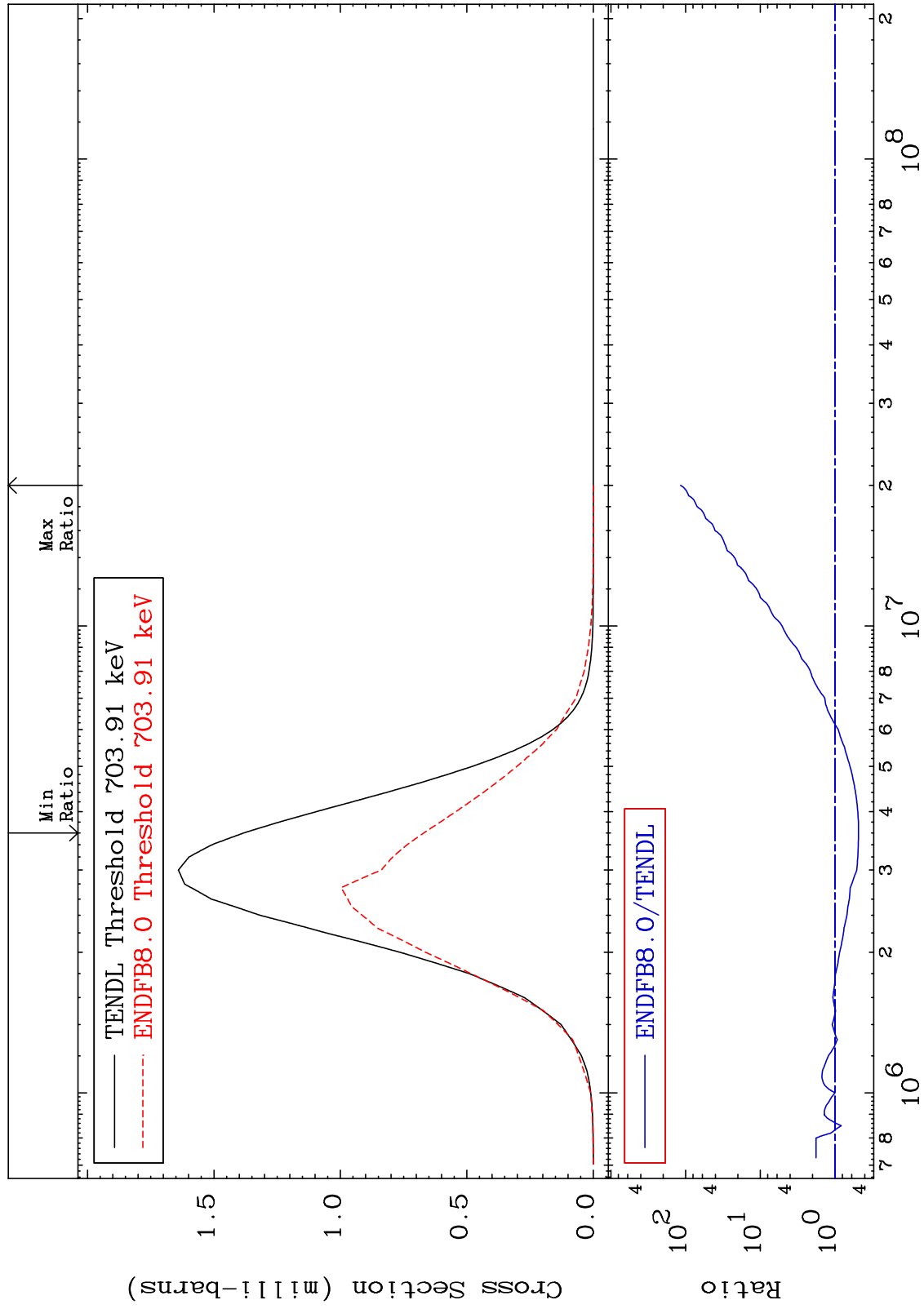
83-Bi-210  
-74.11 To 9844. %



MAT 8329

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

83-Bi-210  
-51.50 To 9999. %



17

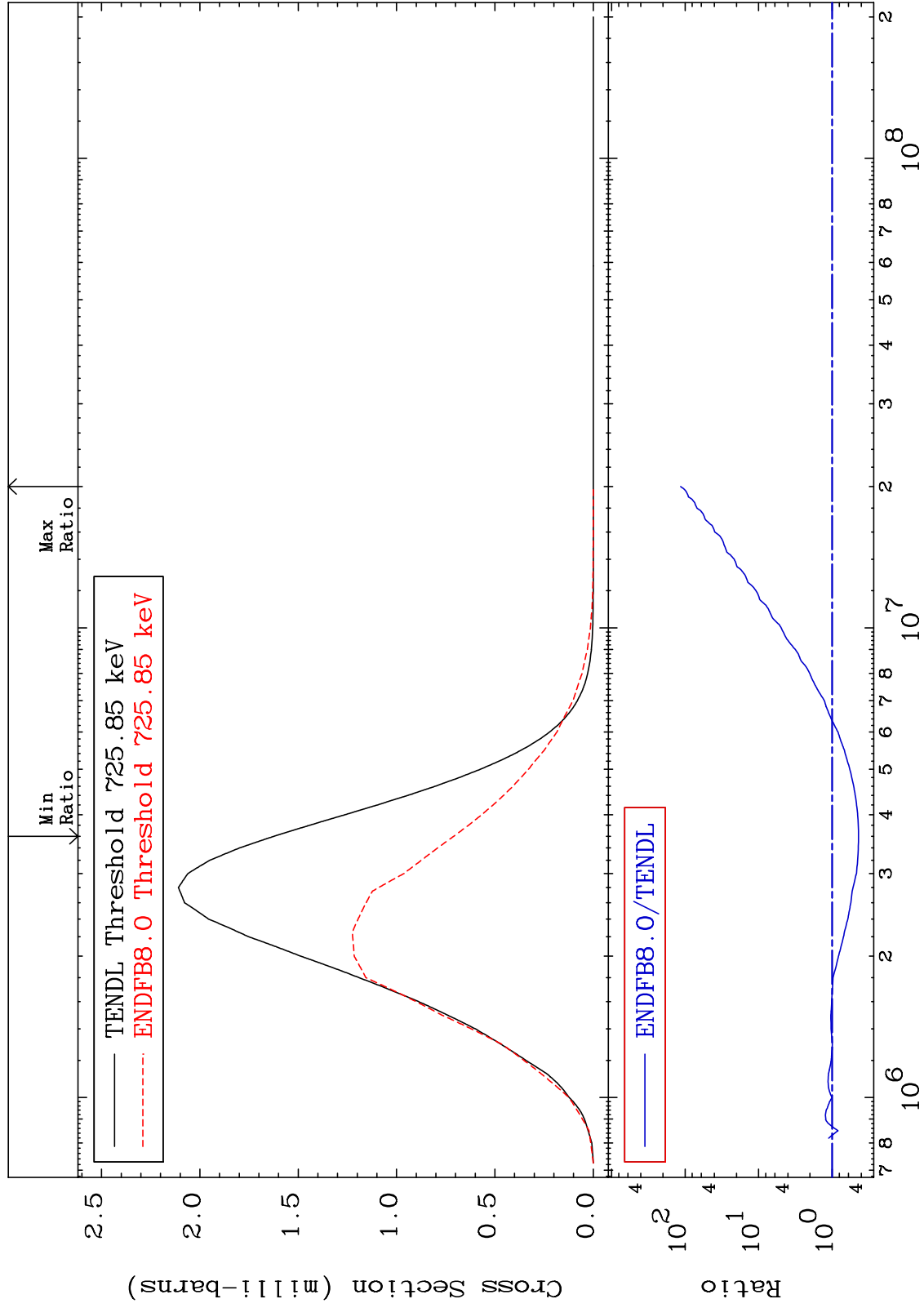
Incident Energy (eV)

83-Bi-210

MAT 8329

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

83-Bi-210  
-56.31 To 9999. %



18

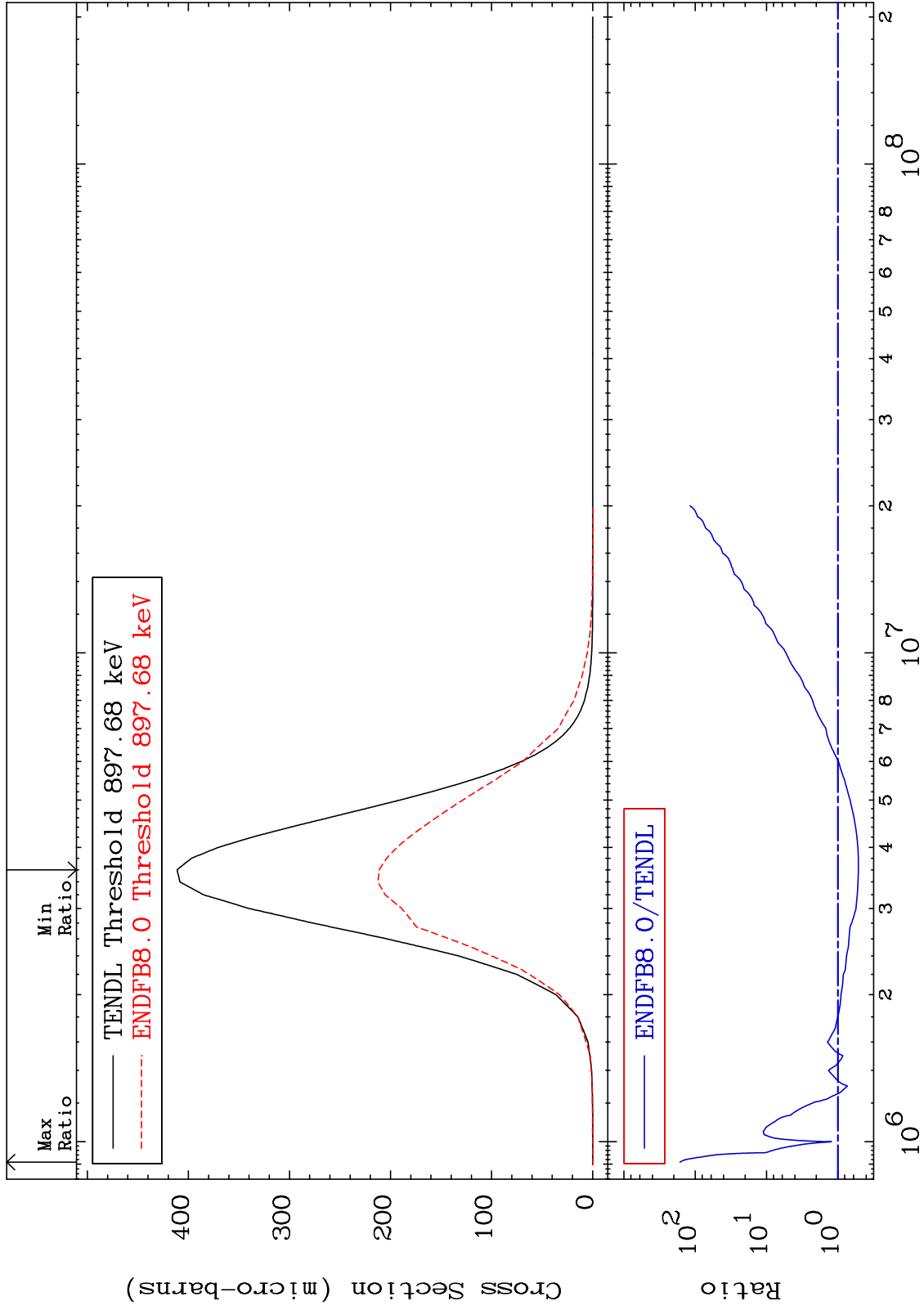
83-Bi-210

83-Bi-210

MAT 8329

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

83-Bi-210  
-48.65 To 9999. %



19

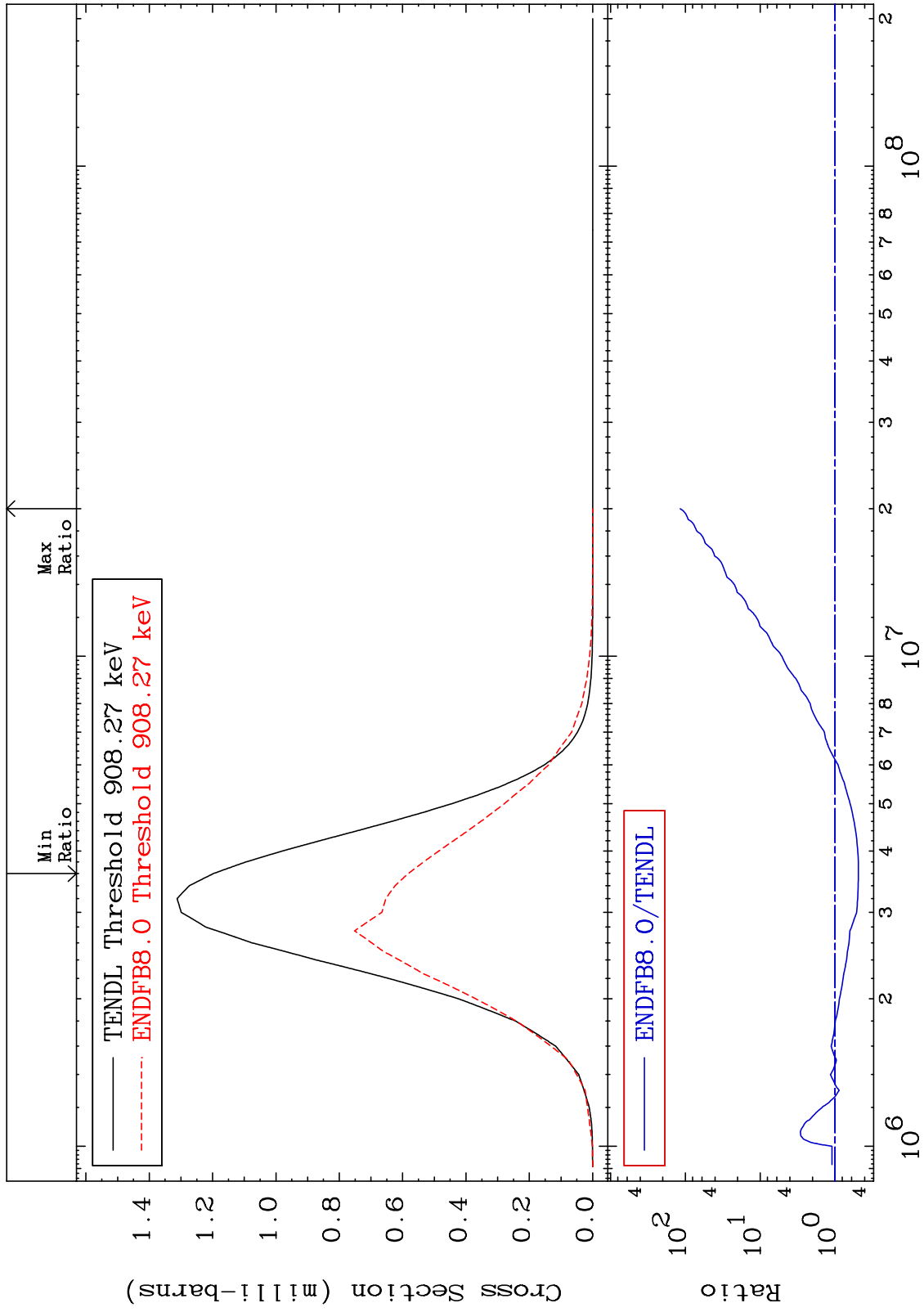
Incident Energy (eV)

83-Bi-210

MAT 8329

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

83-Bi-210  
-51.38 To 9999. %



20

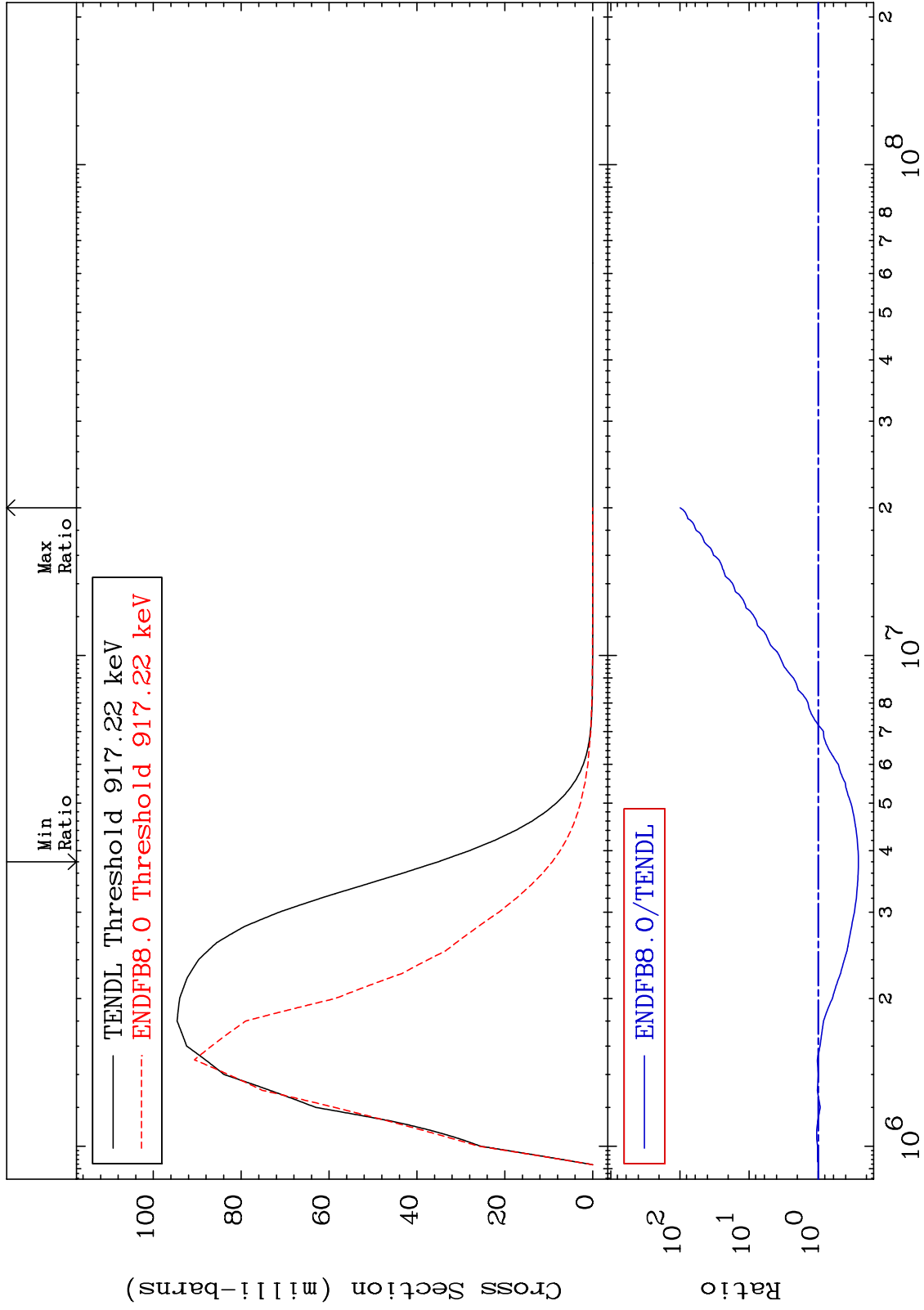
Incident Energy (eV)

83-Bi-210

MAT 8329

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

83-Bi-210  
-73.85 To 9853. %



21

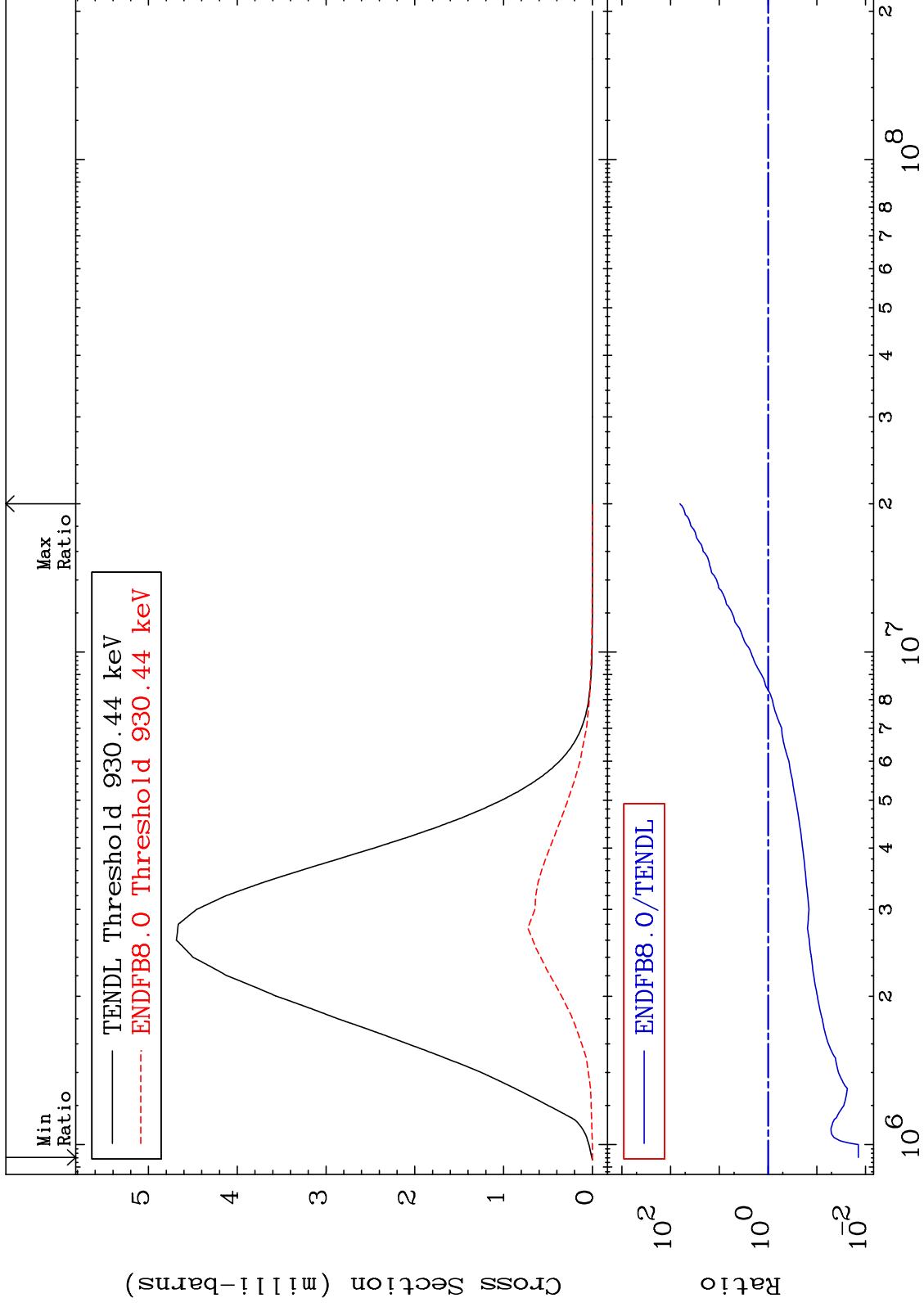
Incident Energy (eV)

83-Bi-210

MAT 8329

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

83-Bi-210  
-98.59 To 6361. %



22

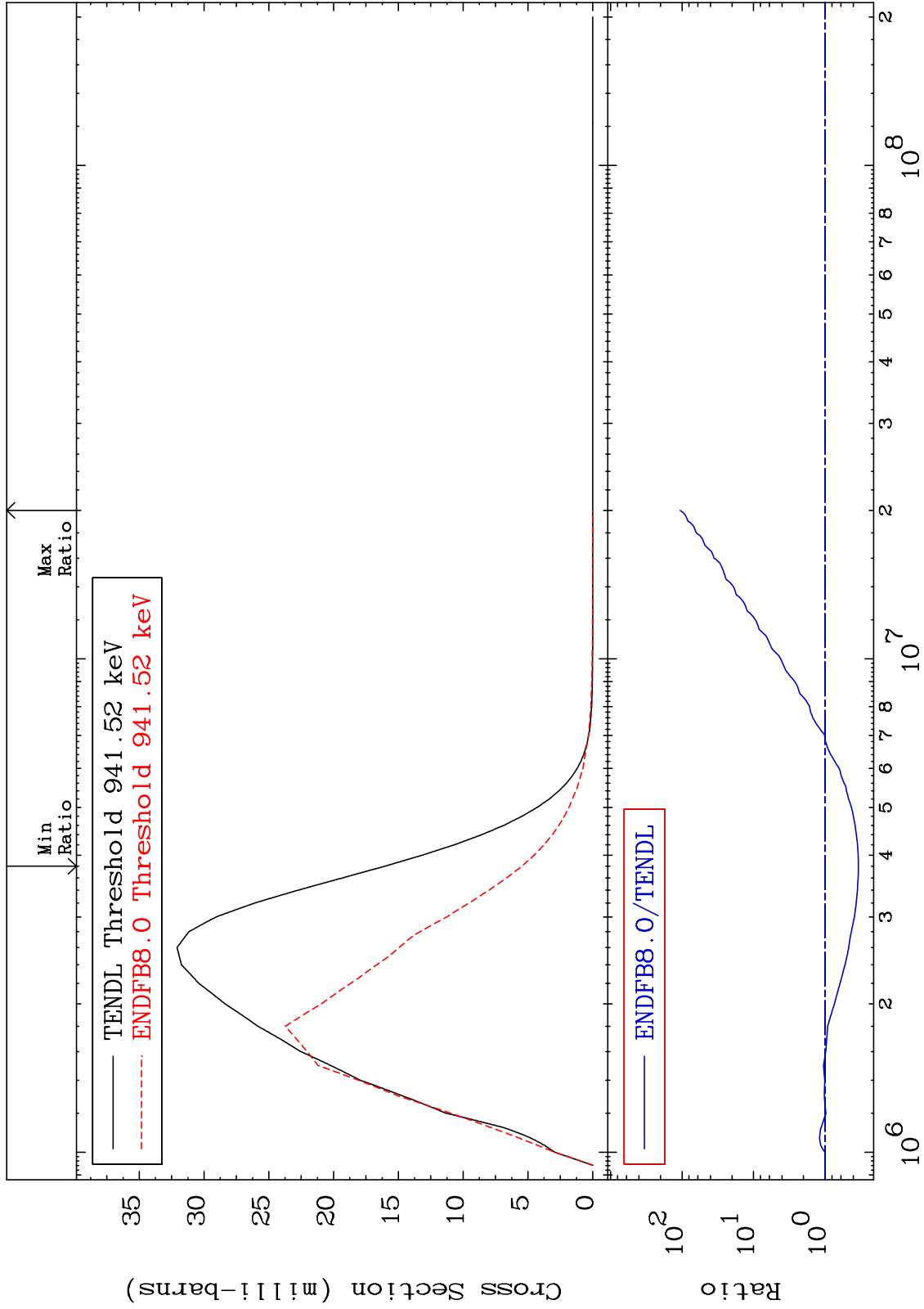
83-Bi-210

83-Bi-210

MAT 8329

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

83-Bi-210  
-65.92 To 9999. %



23

Incident Energy (eV)

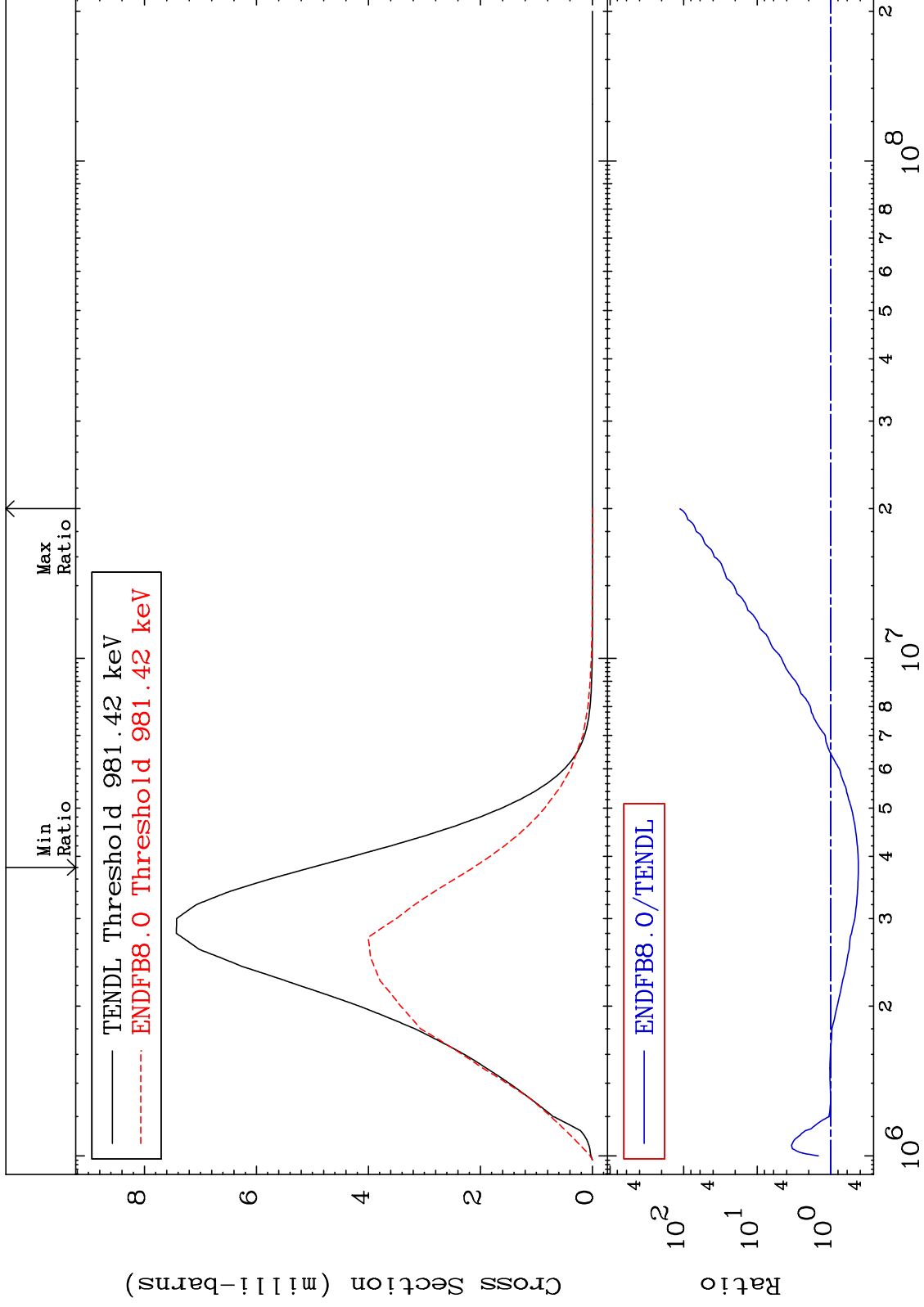
83-Bi-210



MAT 8329

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

83-Bi-210  
-57.67 To 9999. %



24

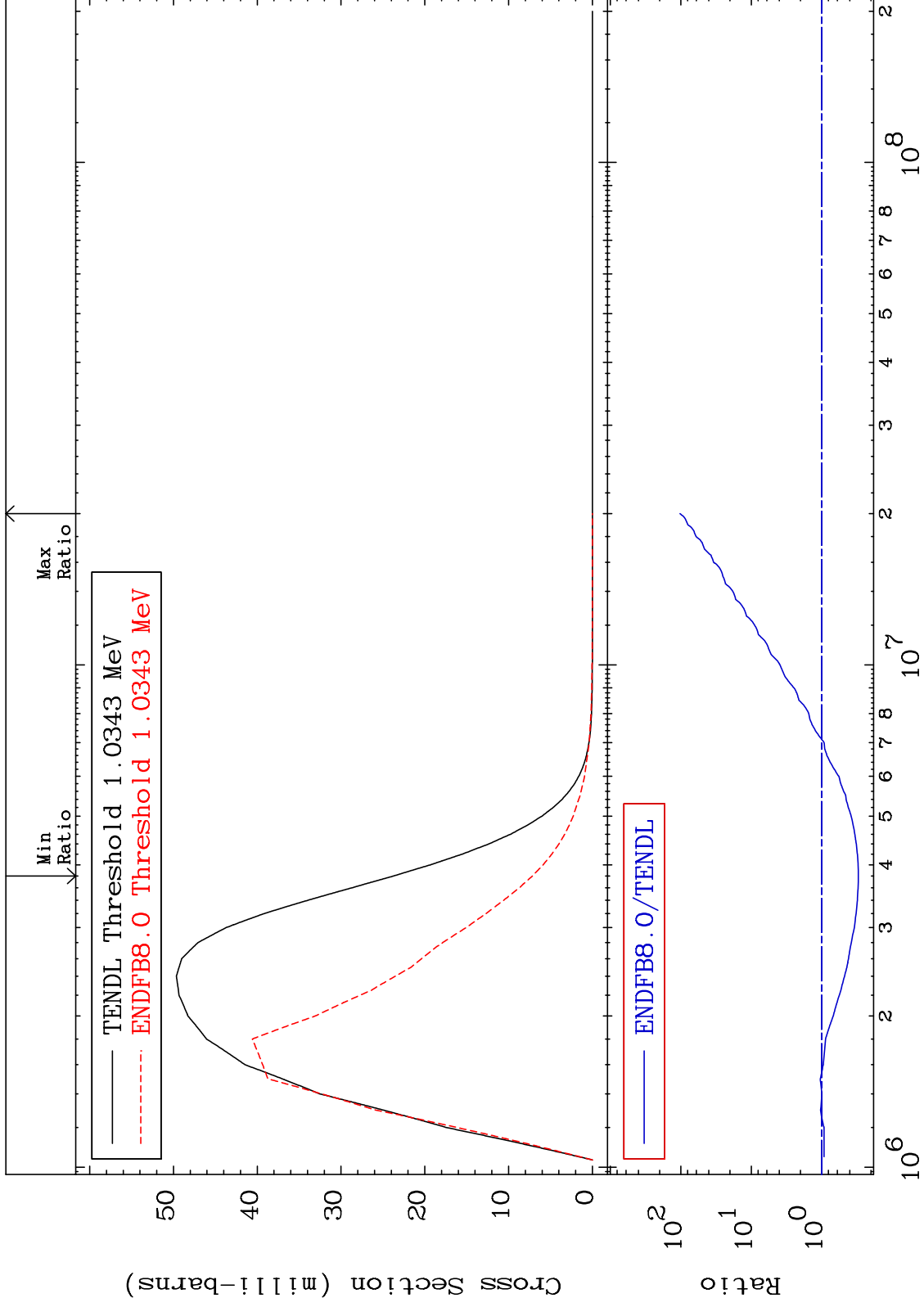
83-Bi-210

83-Bi-210

MAT 8329

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

83-Bi-210  
-69.85 To 9999. %



25

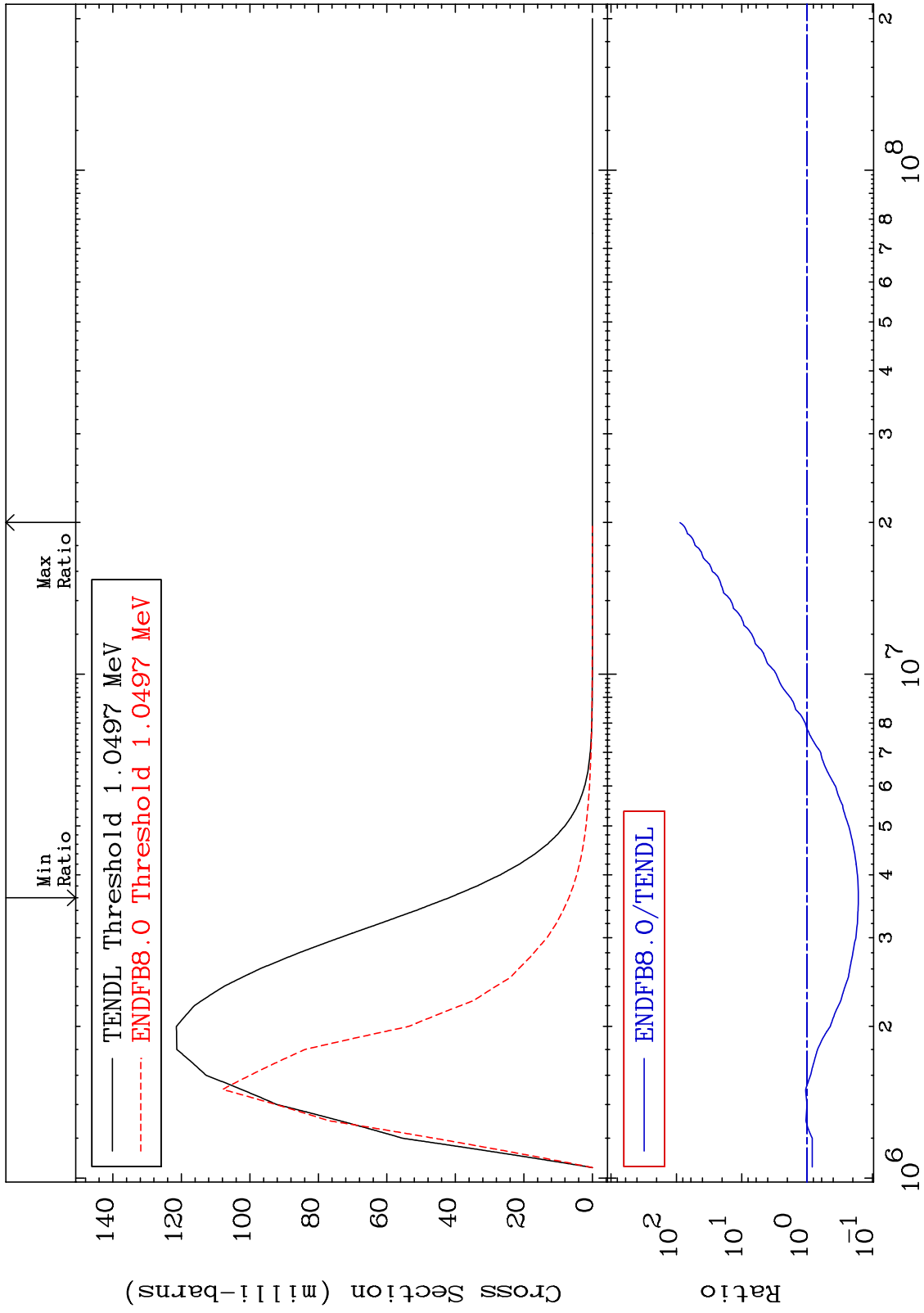
Incident Energy (eV)

83-Bi-210

MAT 8329

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

83-Bi-210  
-83.57 To 8760. %



26

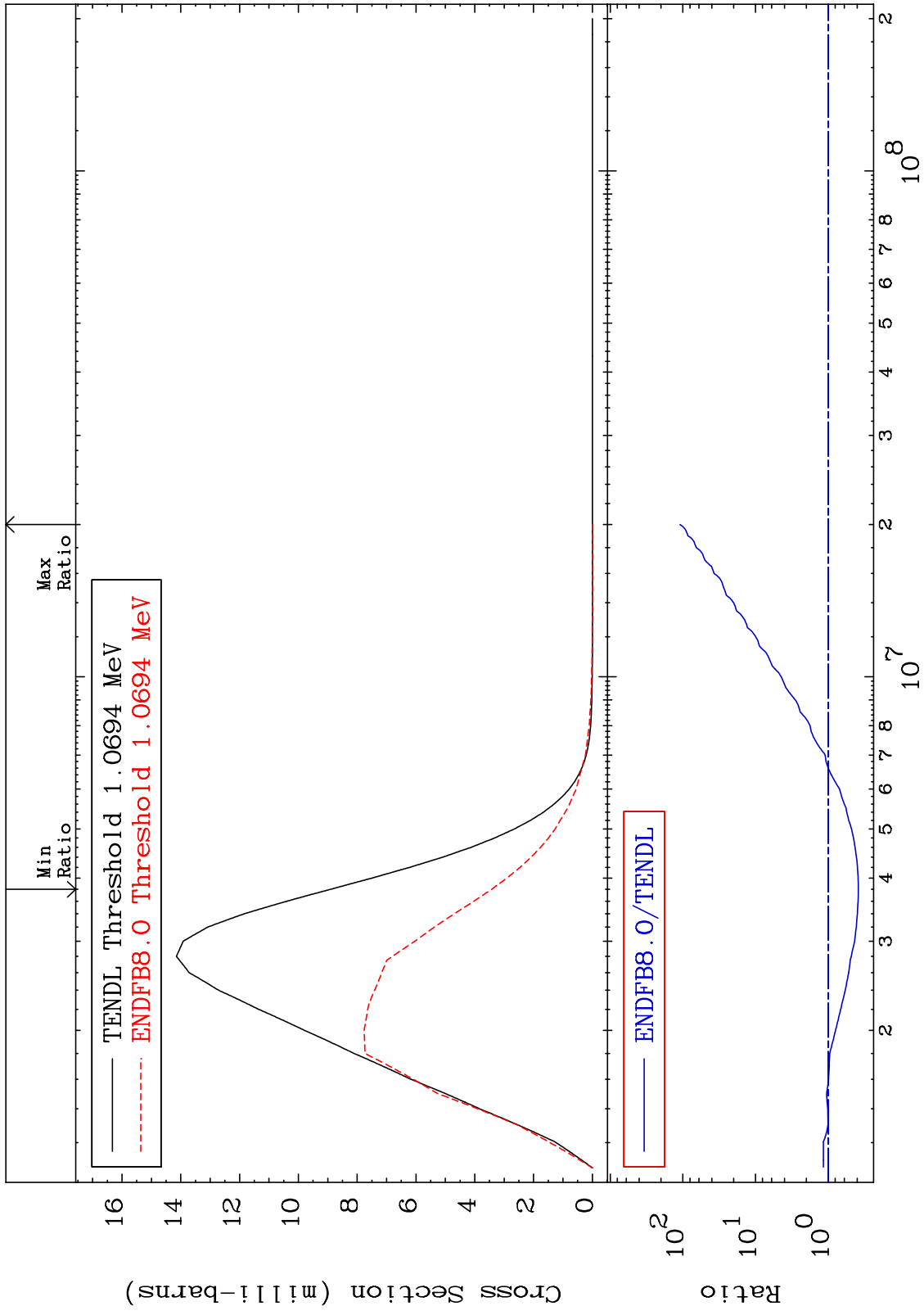
Incident Energy (eV)

83-Bi-210

MAT 8329

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

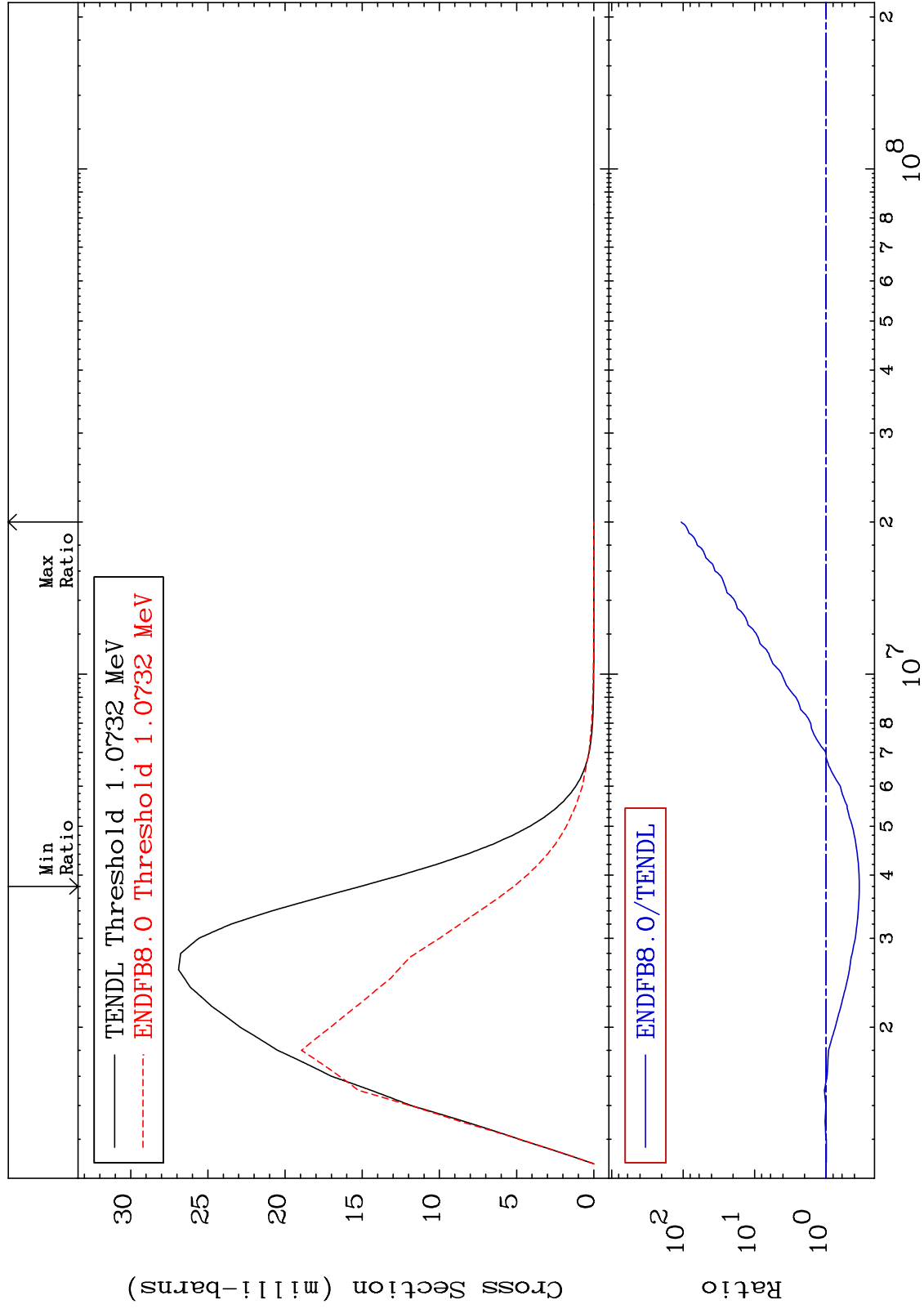
83-Bi-210  
-61.54 To 9999. %



MAT 8329

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

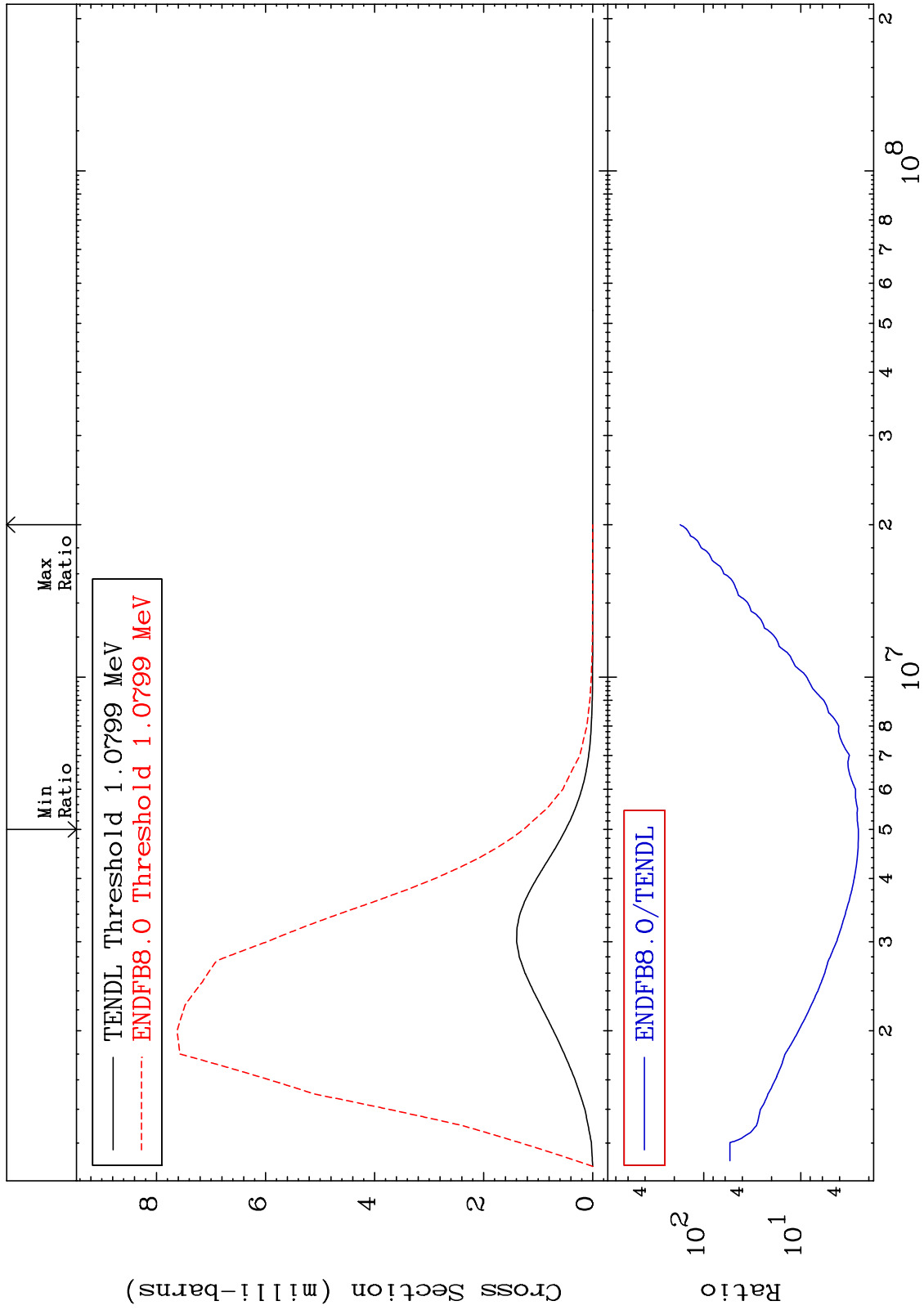
83-Bi-210  
-65.71 To 9999. %



MAT 8329

MT= 75 (n,n') Level  
Cross Section

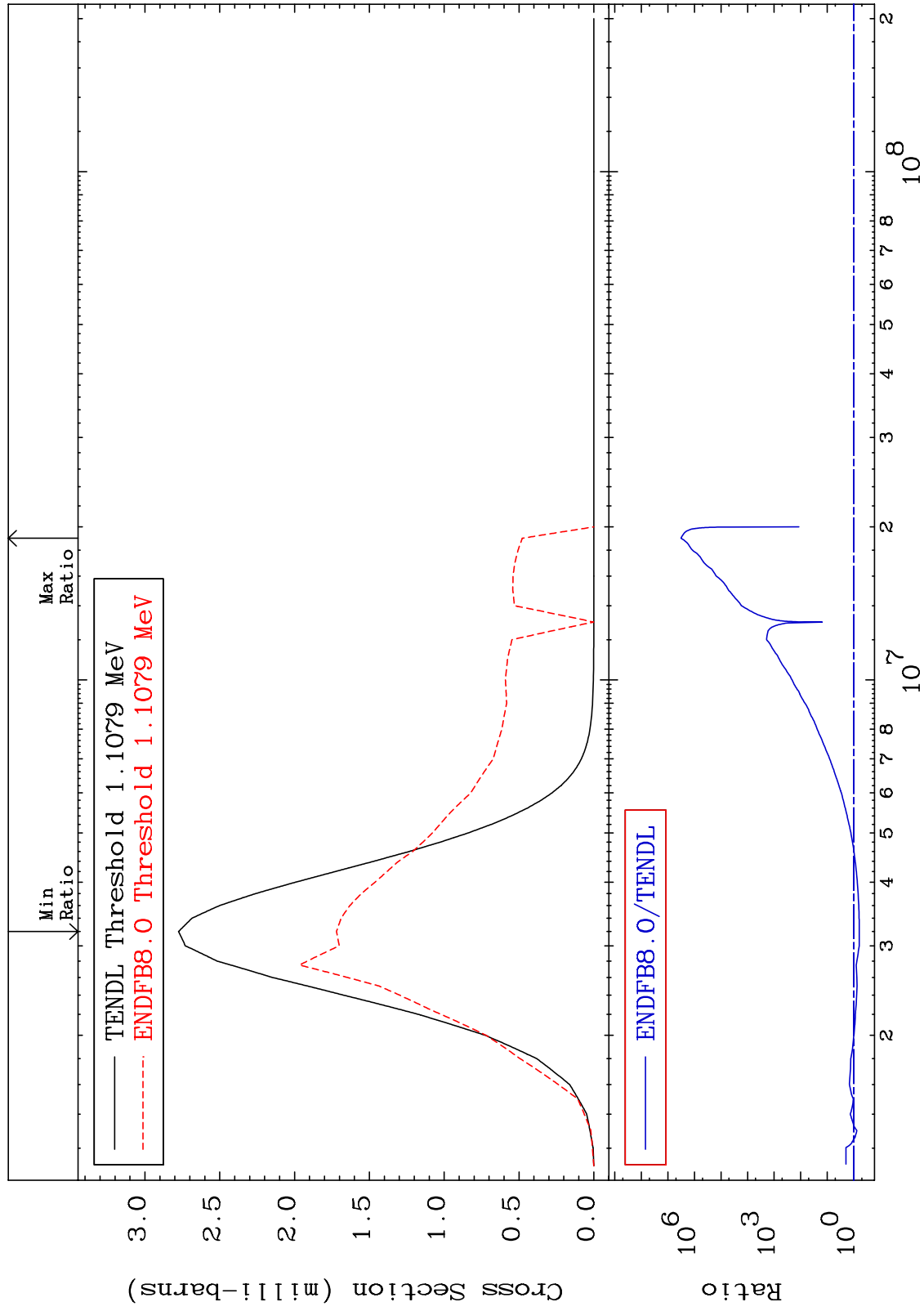
83-Bi-210  
155.8 To 9999. %



MAT 8329

MT= 76 (n,n') Level  
Cross Section

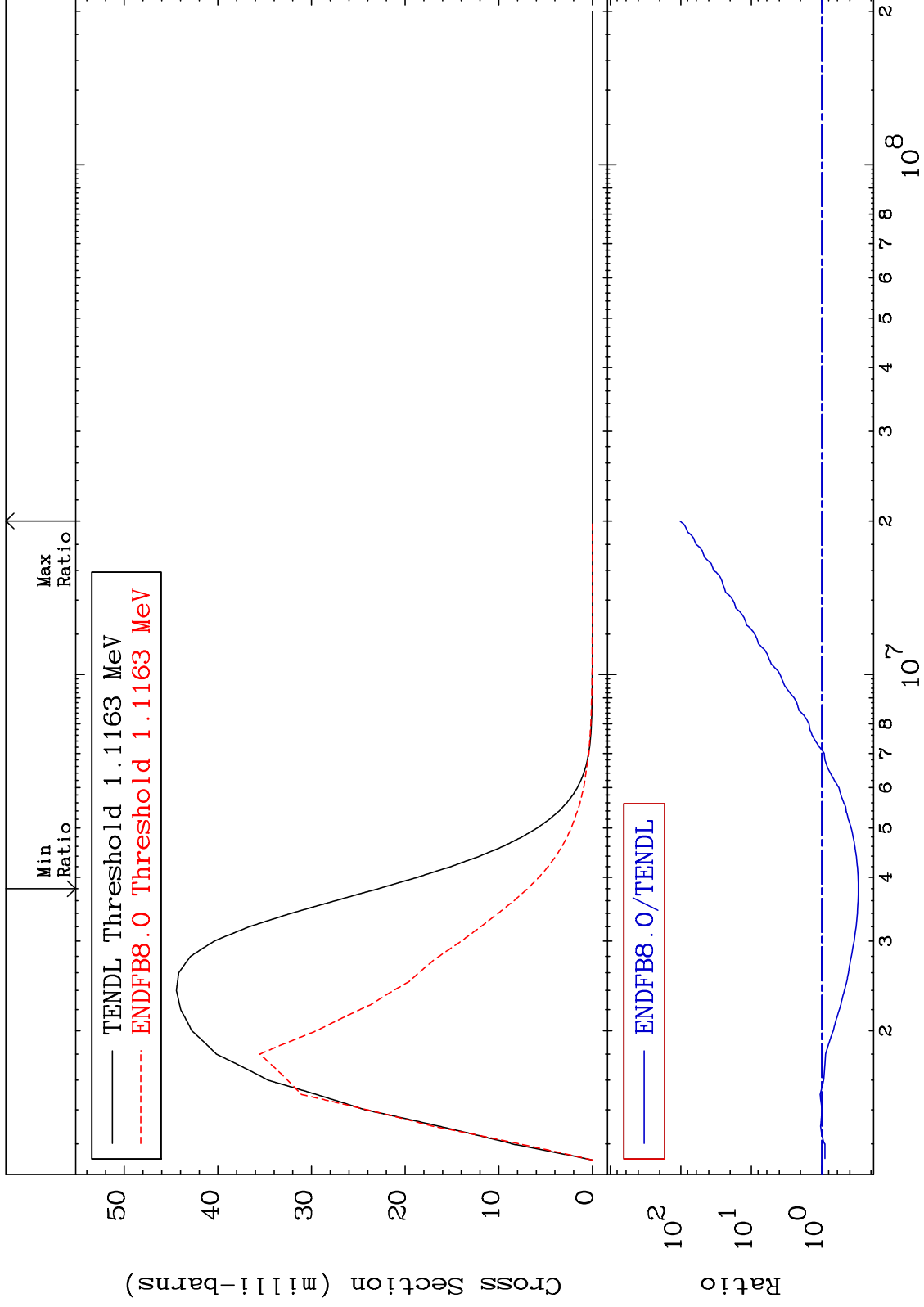
83-Bi-210  
-38.03 To 9999. %



MAT 8329

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

83-Bi-210  
-69.74 To 9999. %

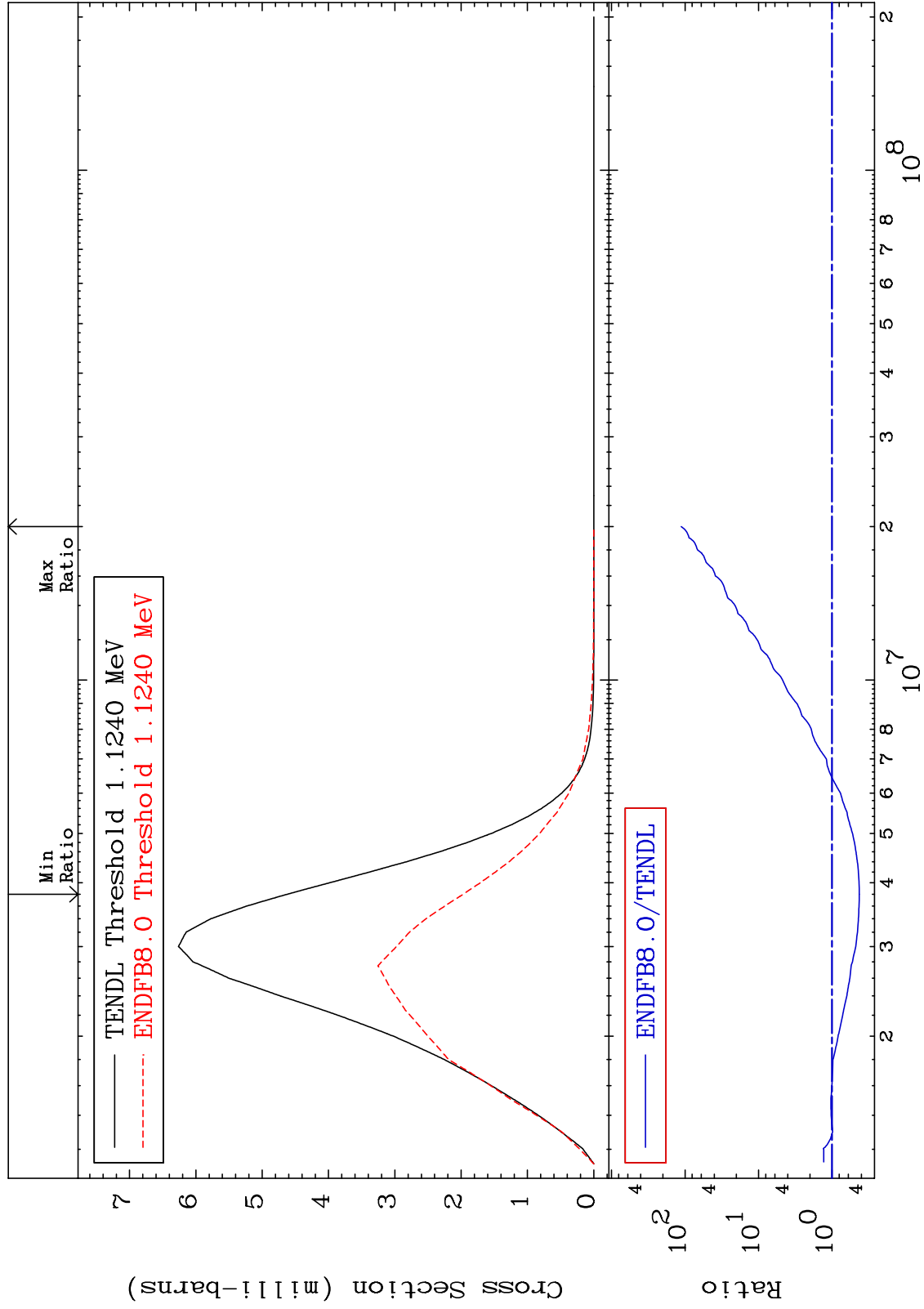




MAT 8329

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

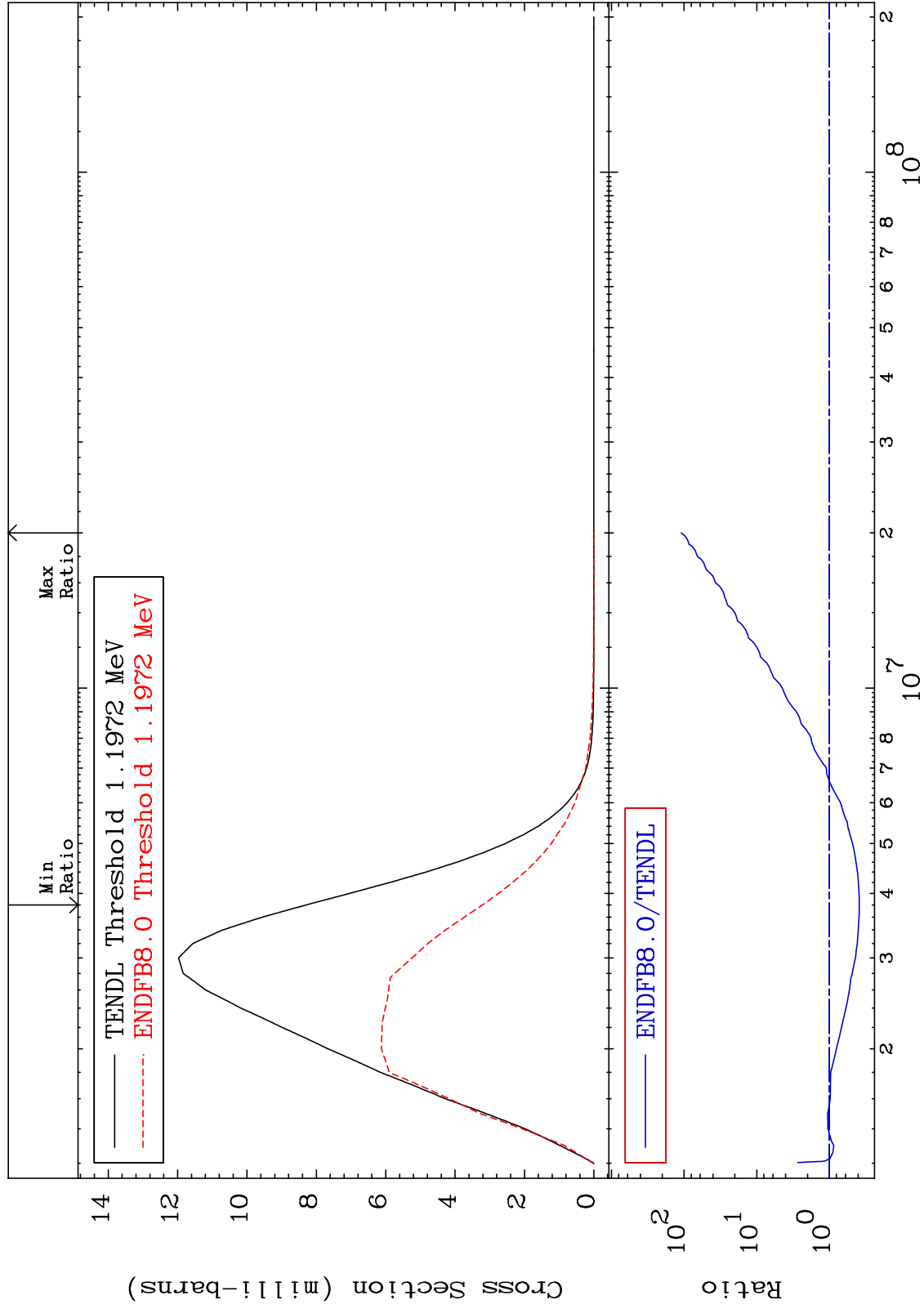
83-Bi-210  
-57.37 To 9999. %



MAT 8329

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

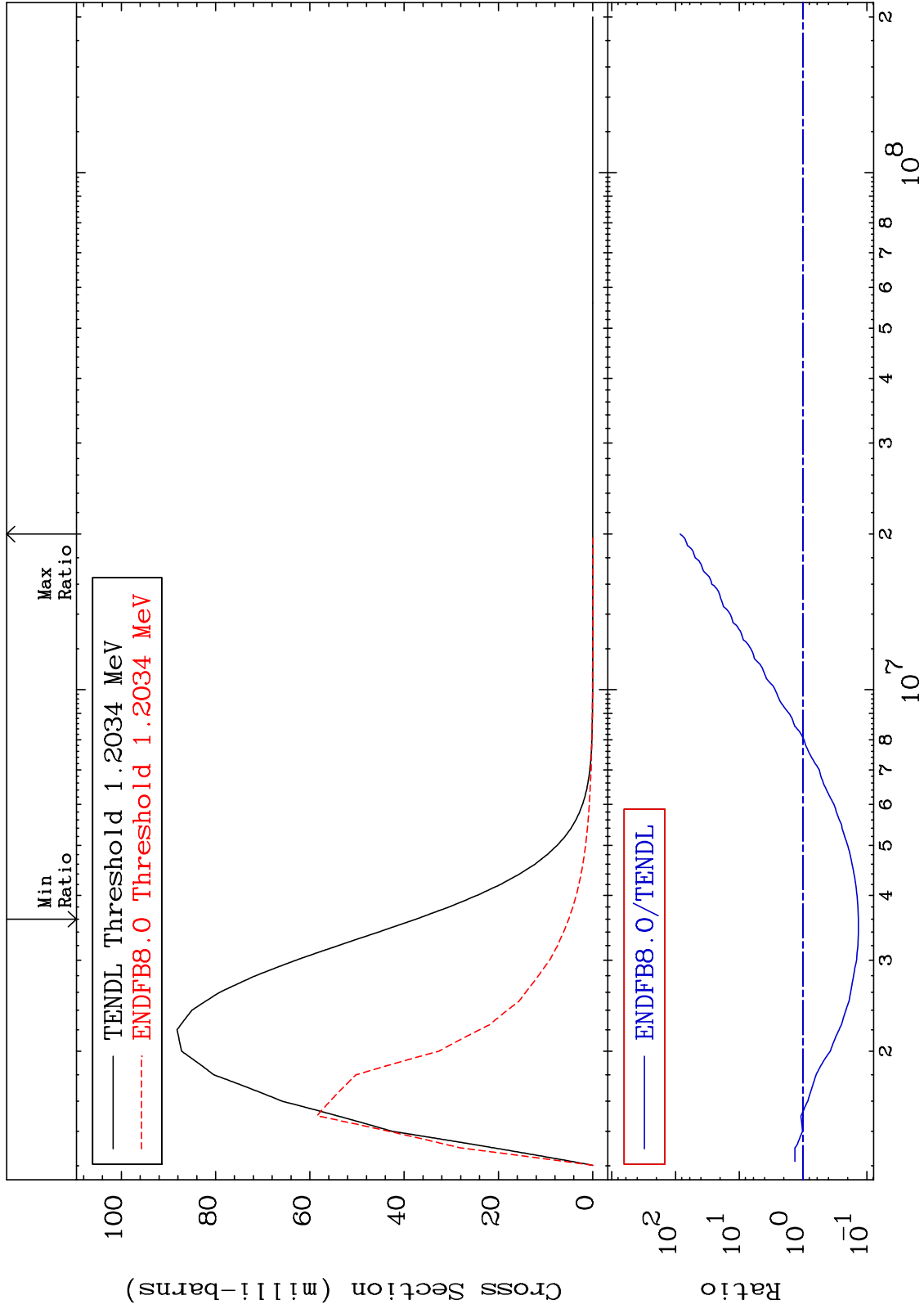
83-Bi-210  
-61.29 To 9999. %



MAT 8329

MT= 80 (n, n') Level  
Cross Section

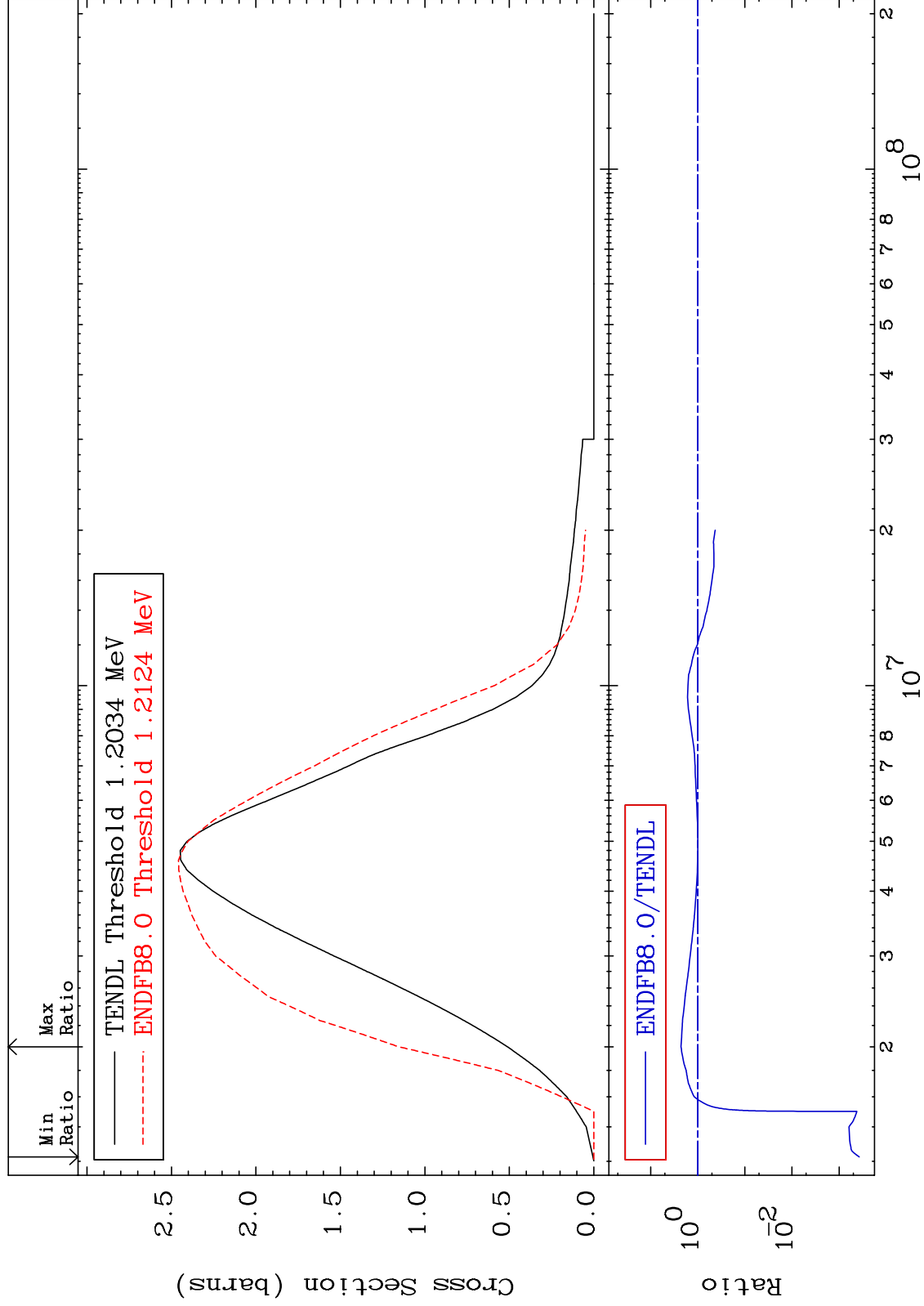
83-Bi-210  
-86.45 To 8408. %



MAT 8329

(n,n') Continuum  
Cross Section

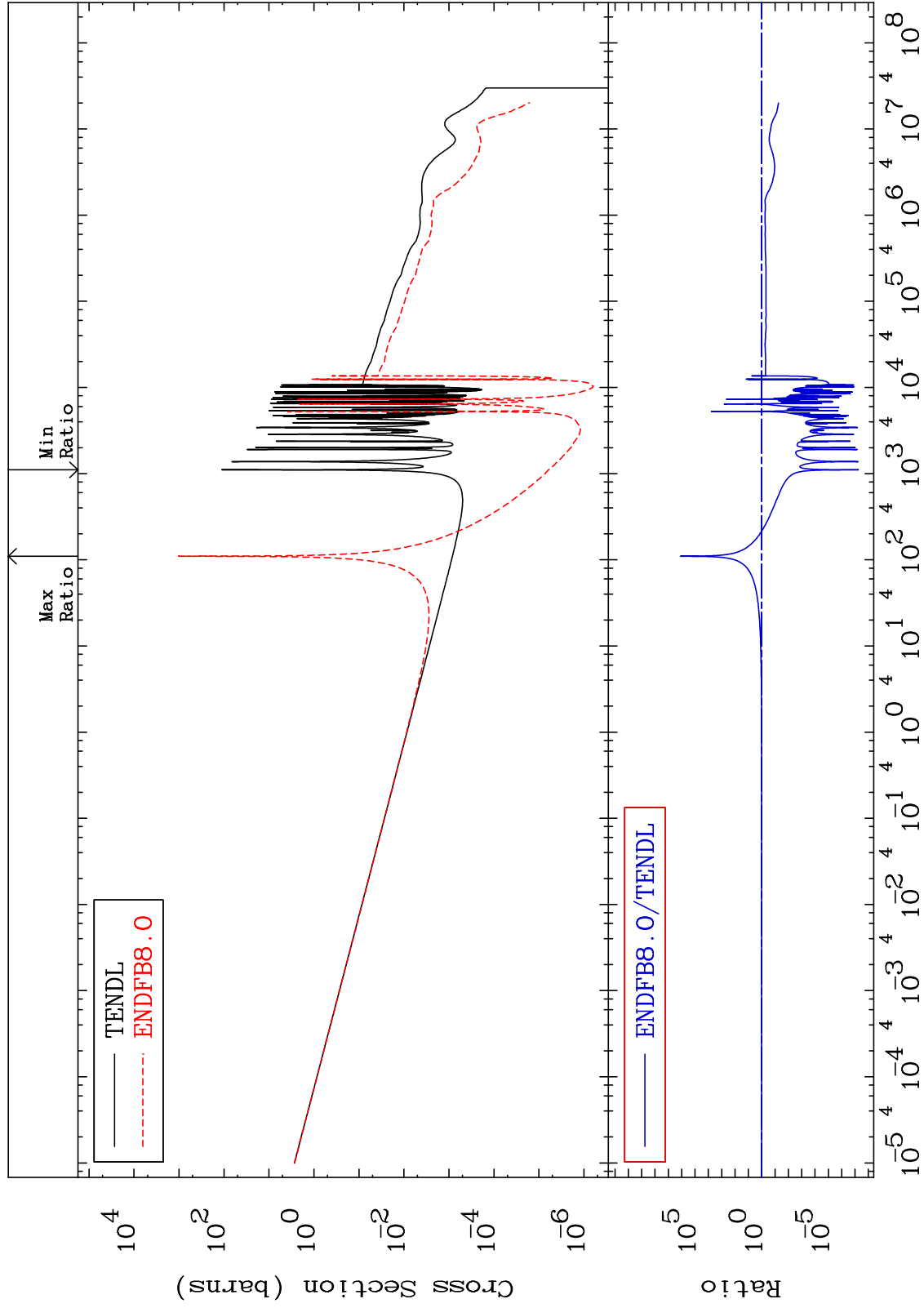
83-Bi-210  
-99.96 To 126.1 %



MAT 8329

(n,  $\gamma$ )  
Cross Section

83-Bi-210  
-100.0 To 9999. %



36

Incident Energy (eV)

83-Bi-210

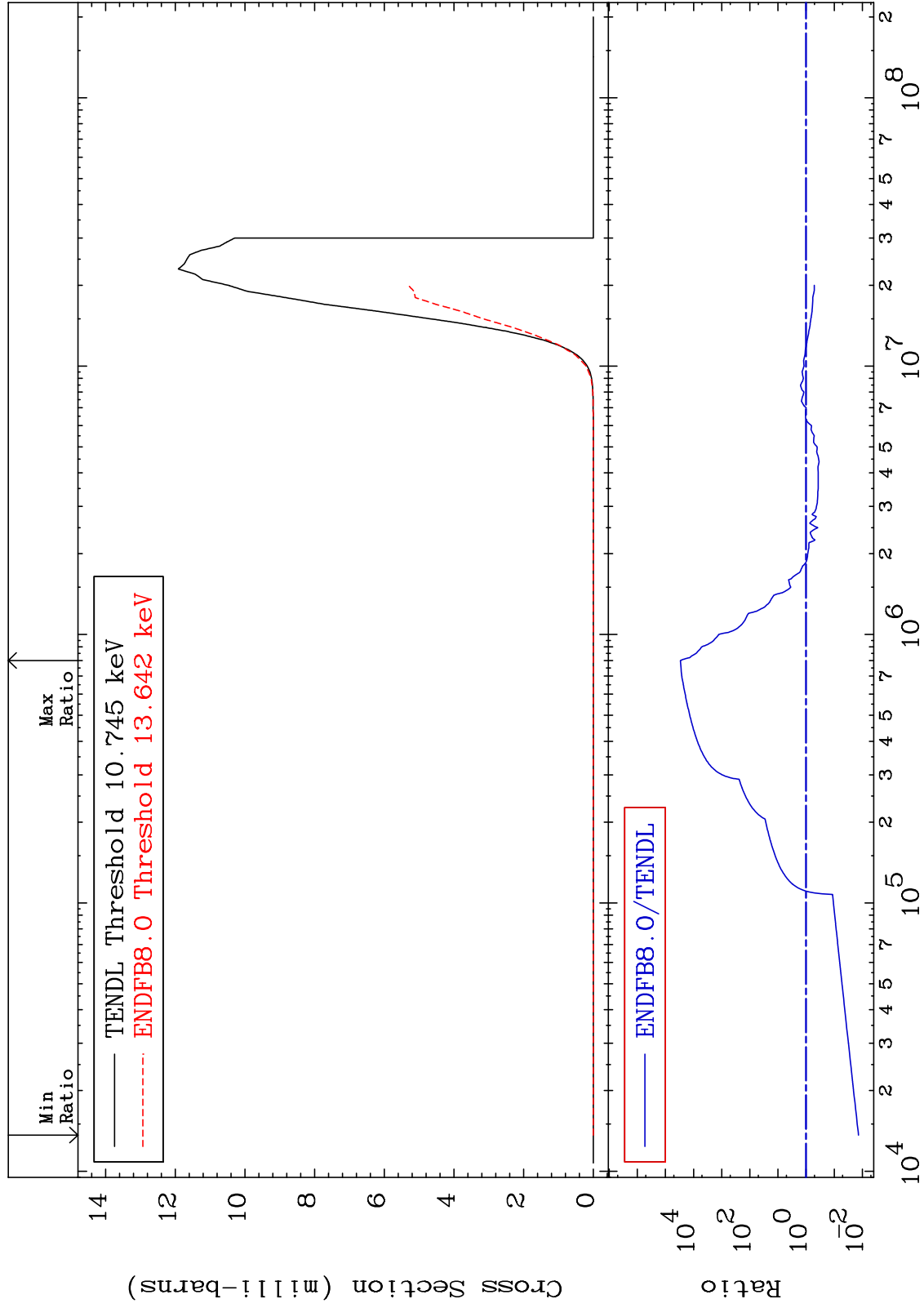
MAT 8329

(n,p)

83-Bi-210

Cross Section

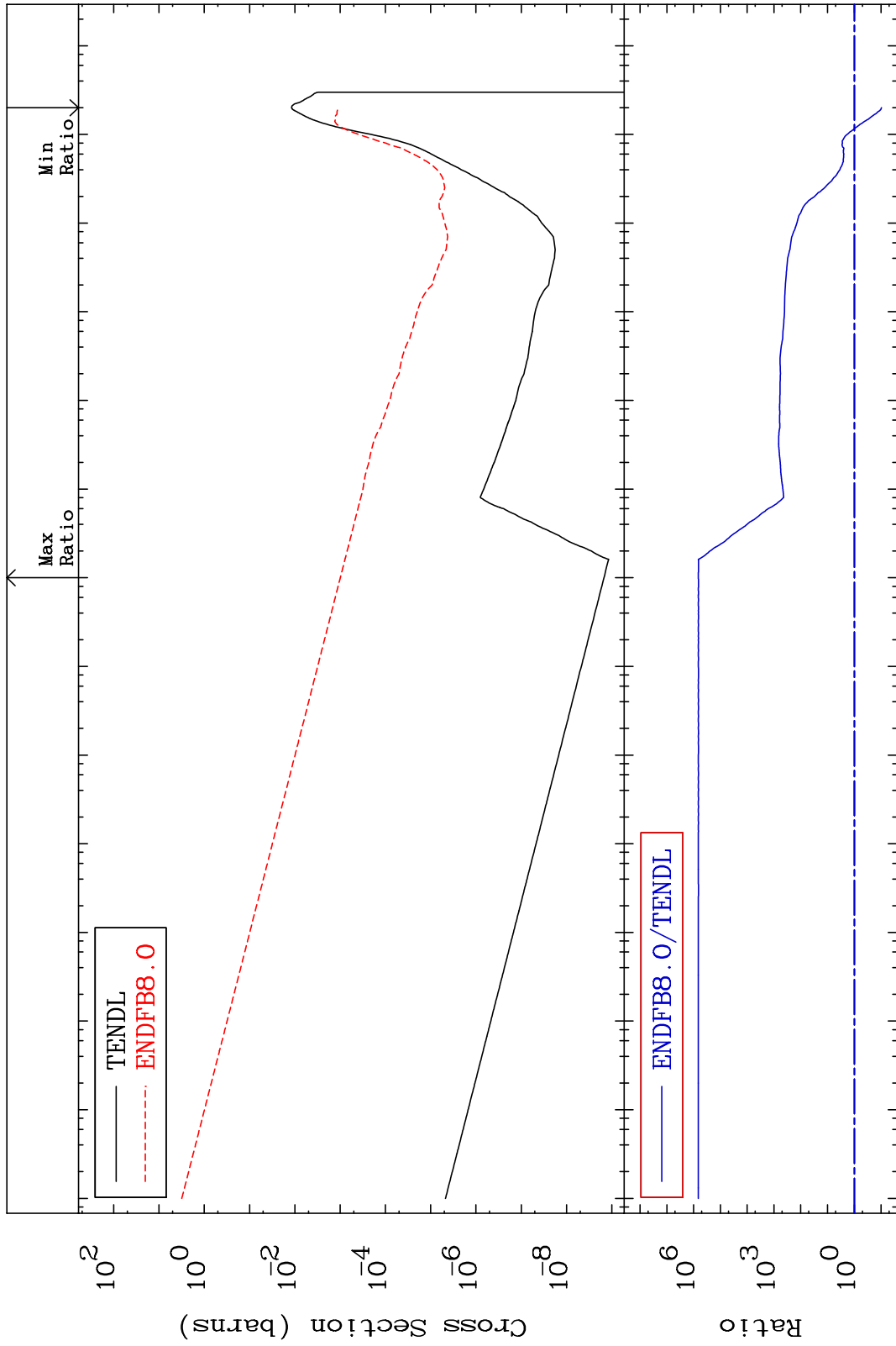
-98.63 To 9999. %



MAT 8329

(n,  $\alpha$ )  
Cross Section

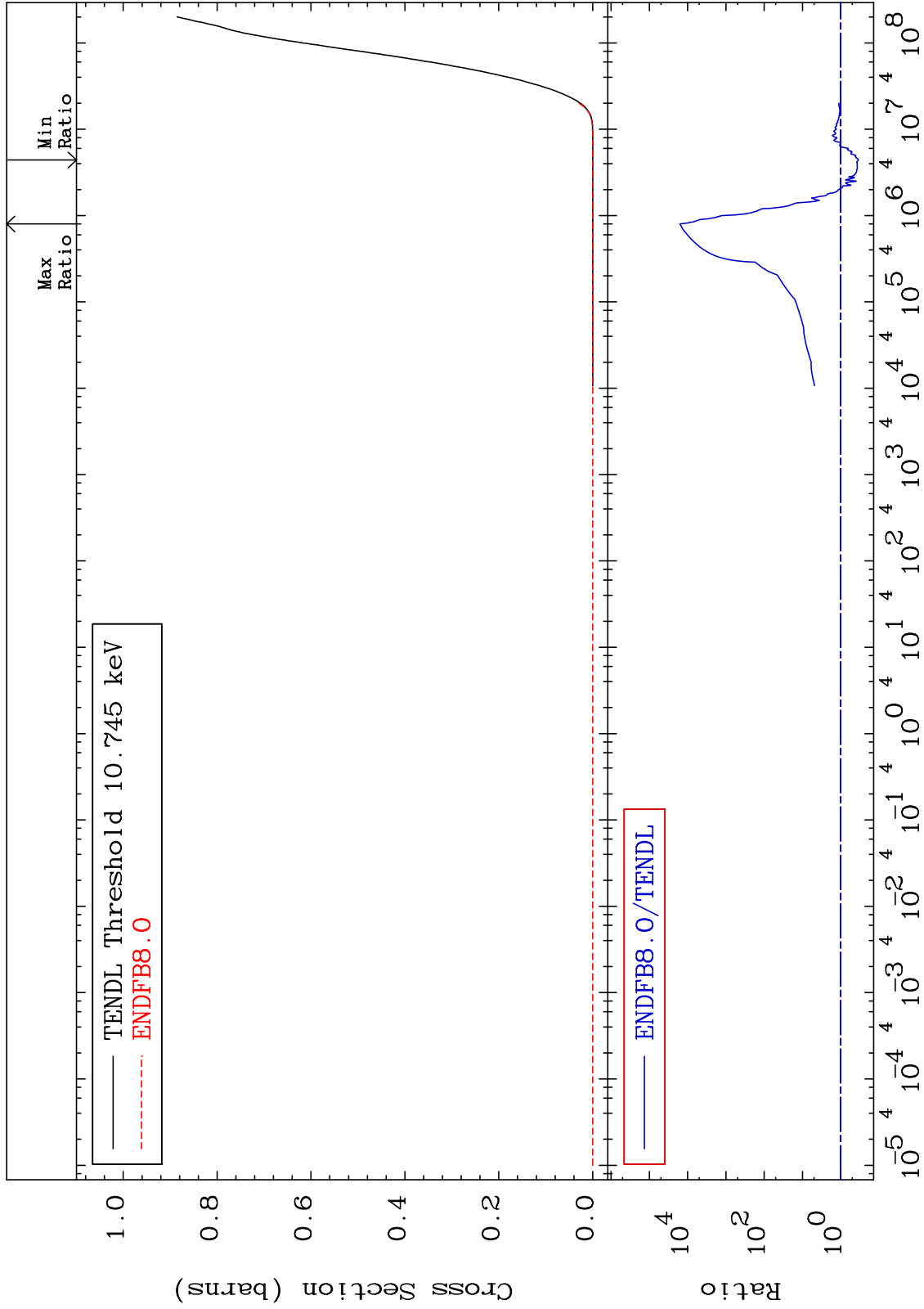
83-Bi-210  
-90.40 To 9999. %



MAT 8329

### Hydrogen Production Cross Section

83-Bi-210  
-65.42 To 9999. %



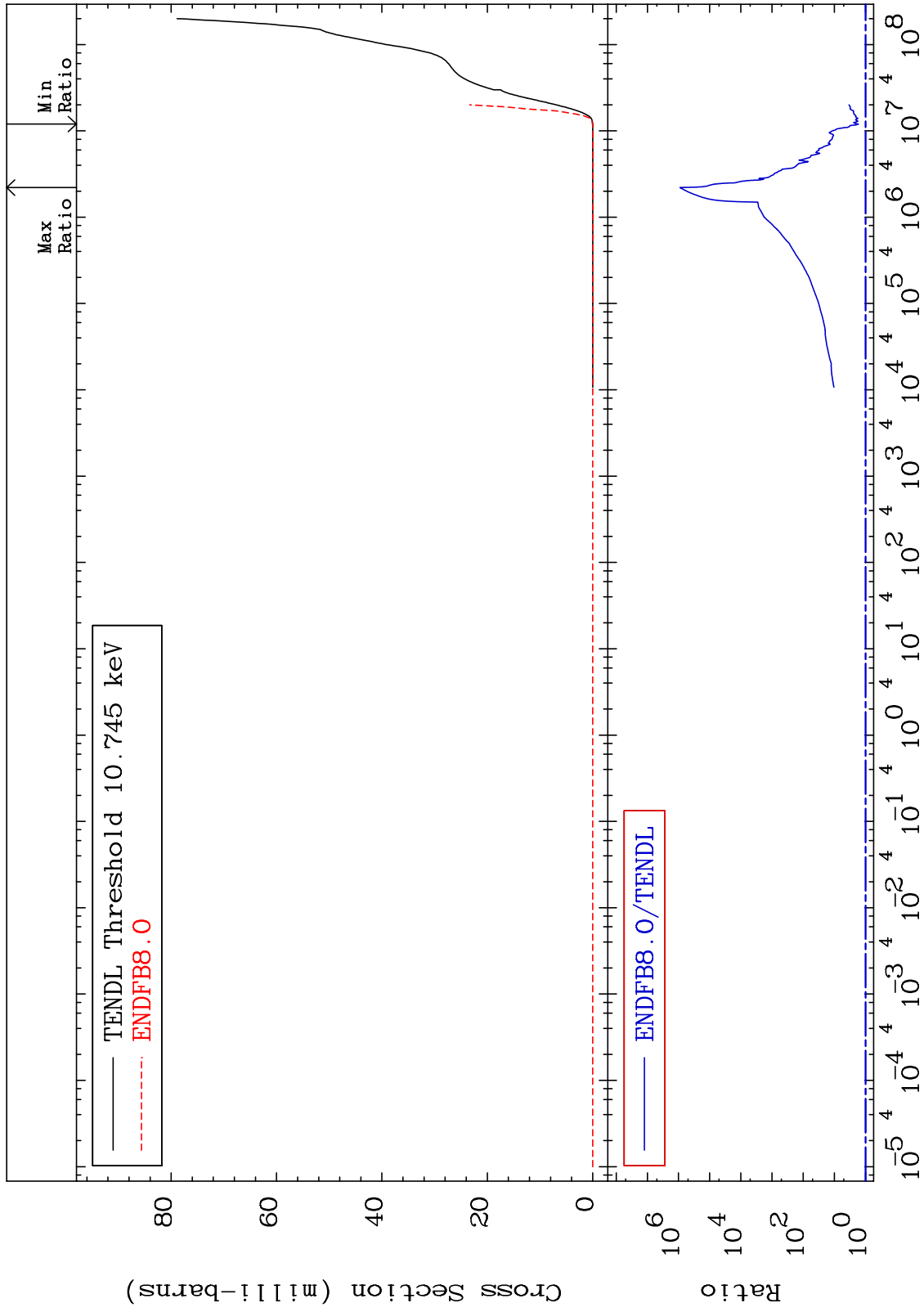




MAT 8329

Tritium Production  
Cross Section

83-Bi-210  
69.30 To 9999. %



41

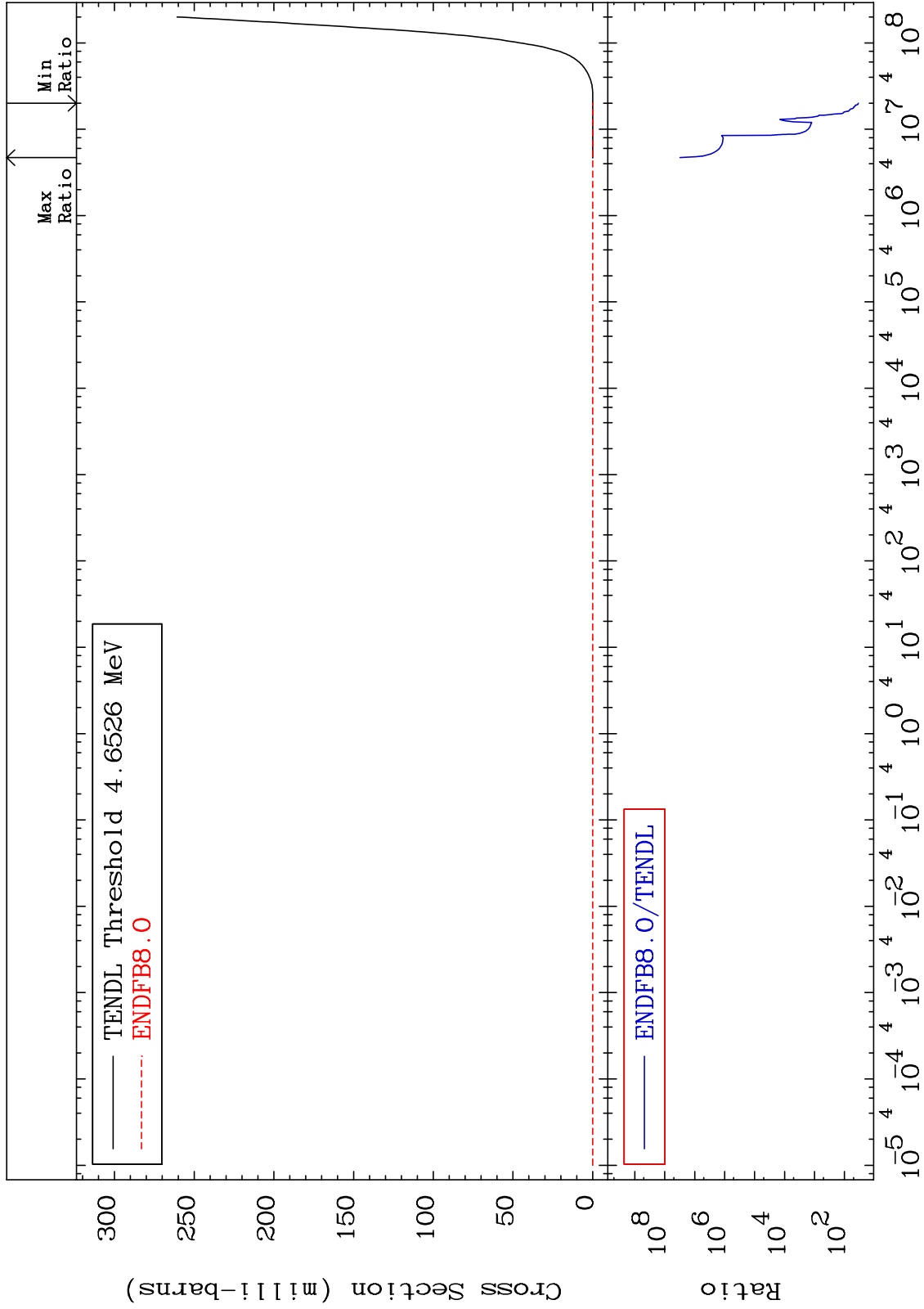
Incident Energy (eV)

83-Bi-210

MAT 8329

He-3 Production  
Cross Section

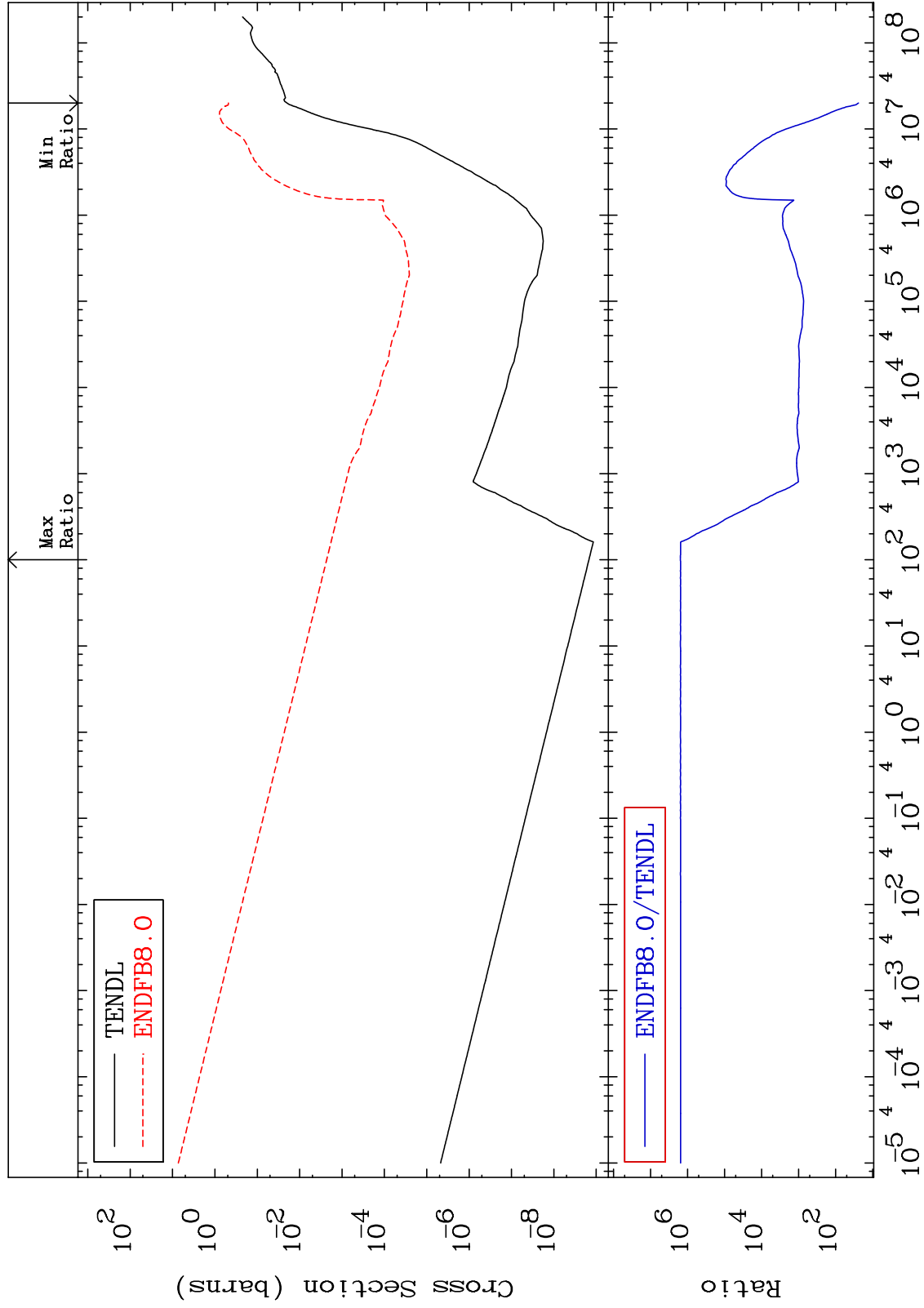
83-Bi-210  
3321. To 9999. %



MAT 8329

He-4 Production  
Cross Section

83-Bi-210  
2303. To 9999. %



Incident Energy (eV)

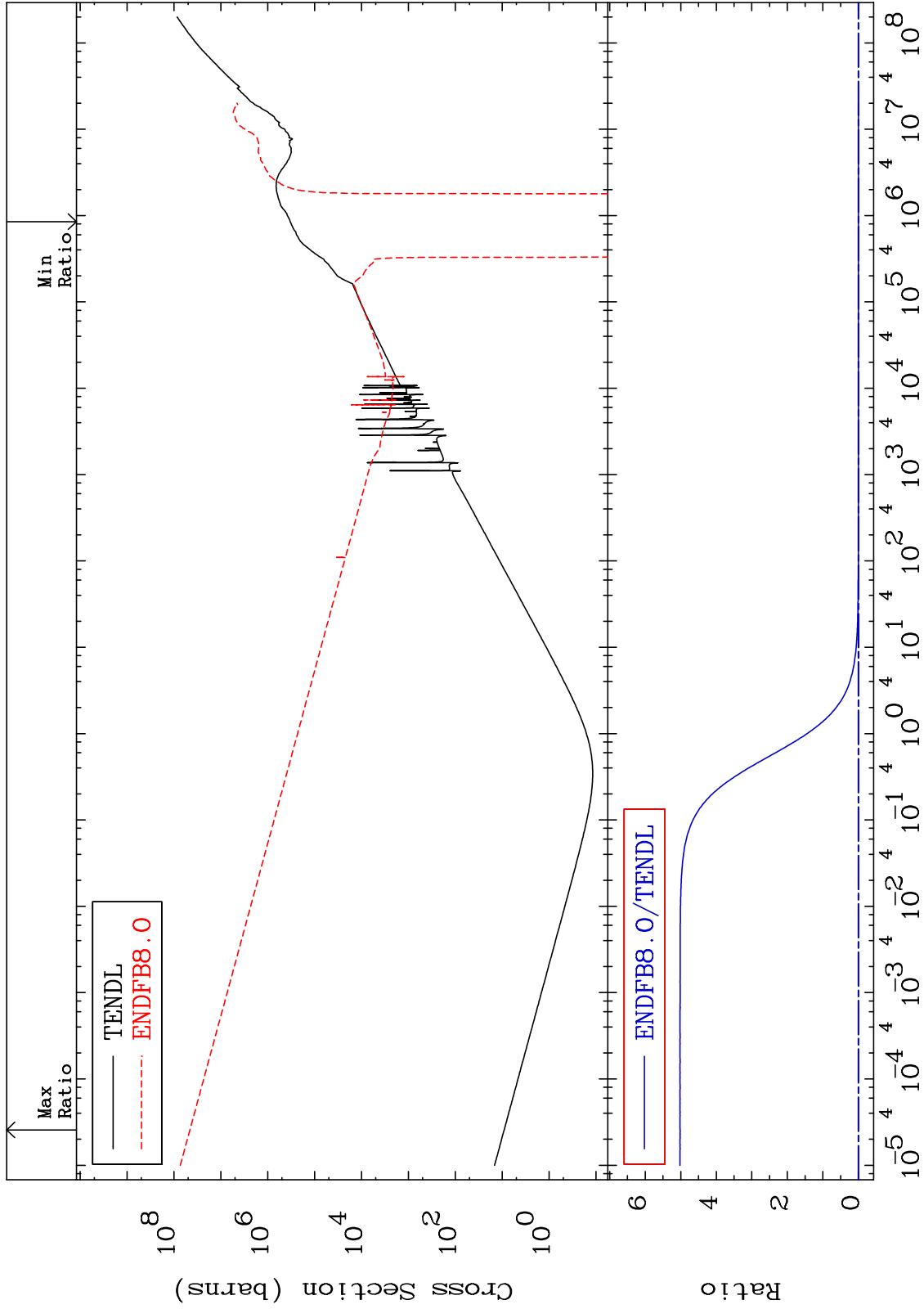
83-Bi-210

43

MAT 8329

Kerma total (eV-barns)  
Cross Section

83-Bi-210  
-138.4 To 9999. %



Max Ratio

— TENDL  
- - - ENDFB8.0

6  
4  
2  
0

ENDFB8.0/TENDL

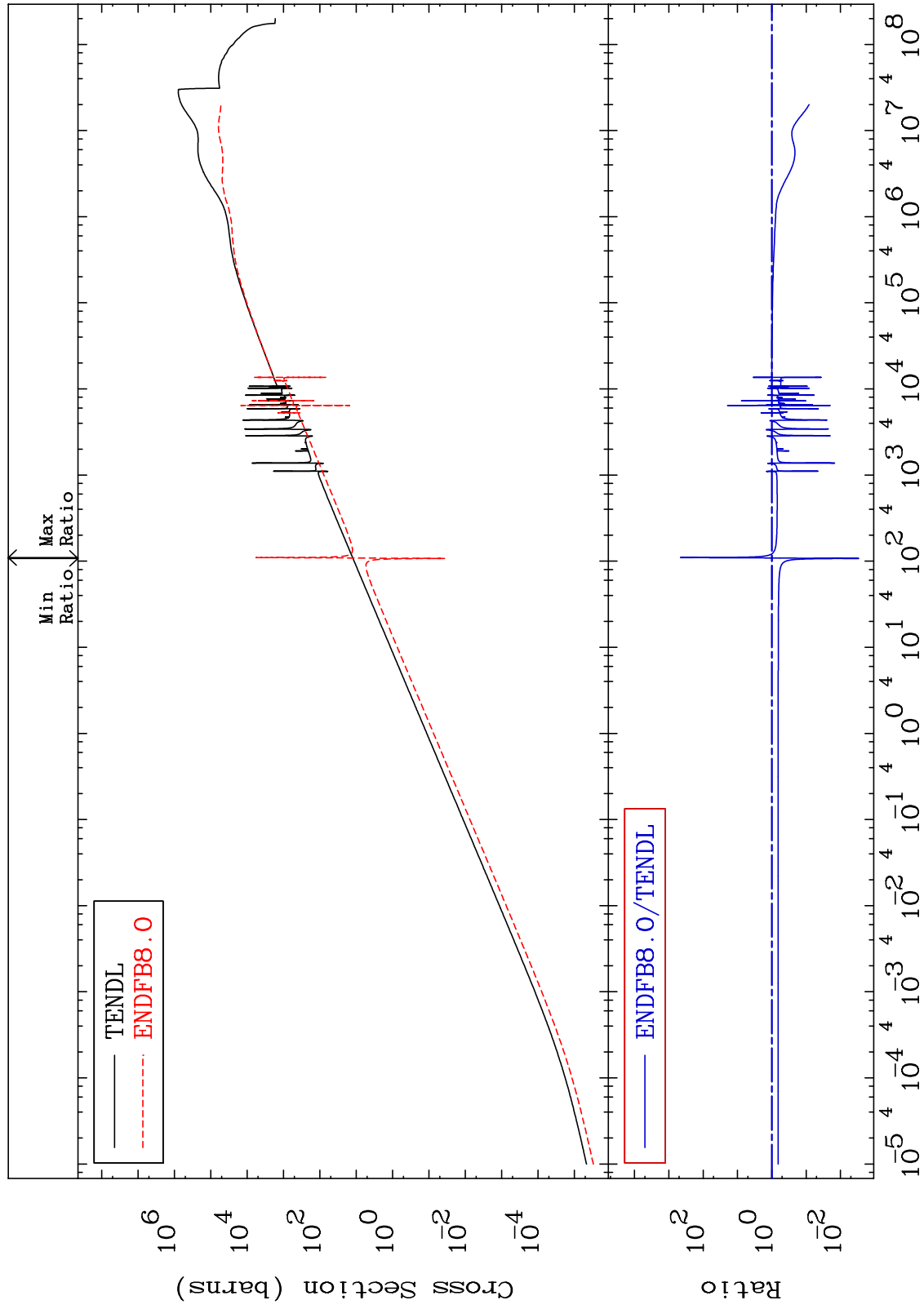
Incident Energy (eV)

83-Bi-210

MAT 8329

Kerma elastic  
Cross Section

83-Bi-210  
-99.70 To 9999. %



45

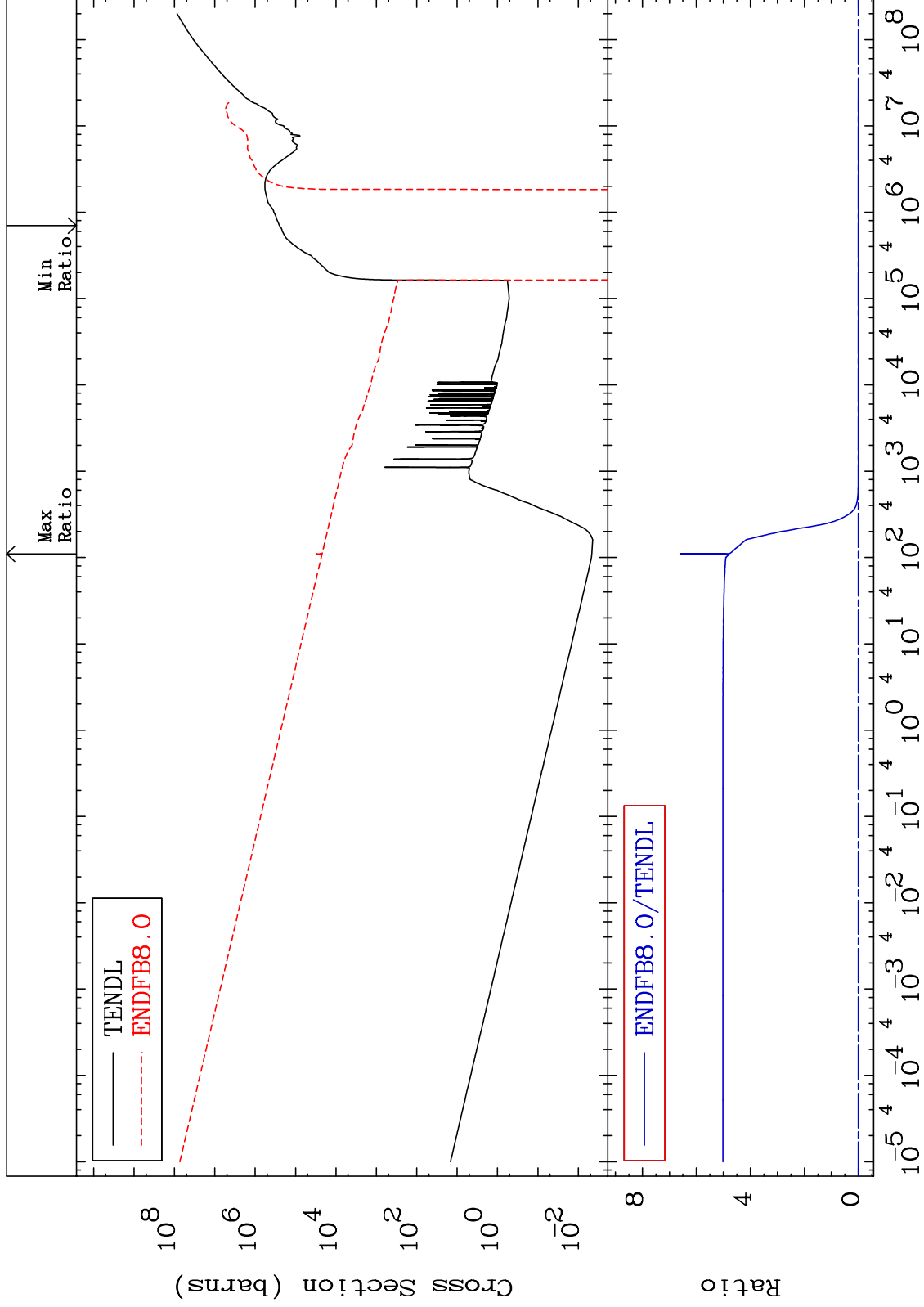
Incident Energy (eV)

83-Bi-210

MAT 8329

Kerma non-elastic (all but mt2)  
Cross Section

83-Bi-210  
-152.3 To 9999. %



46

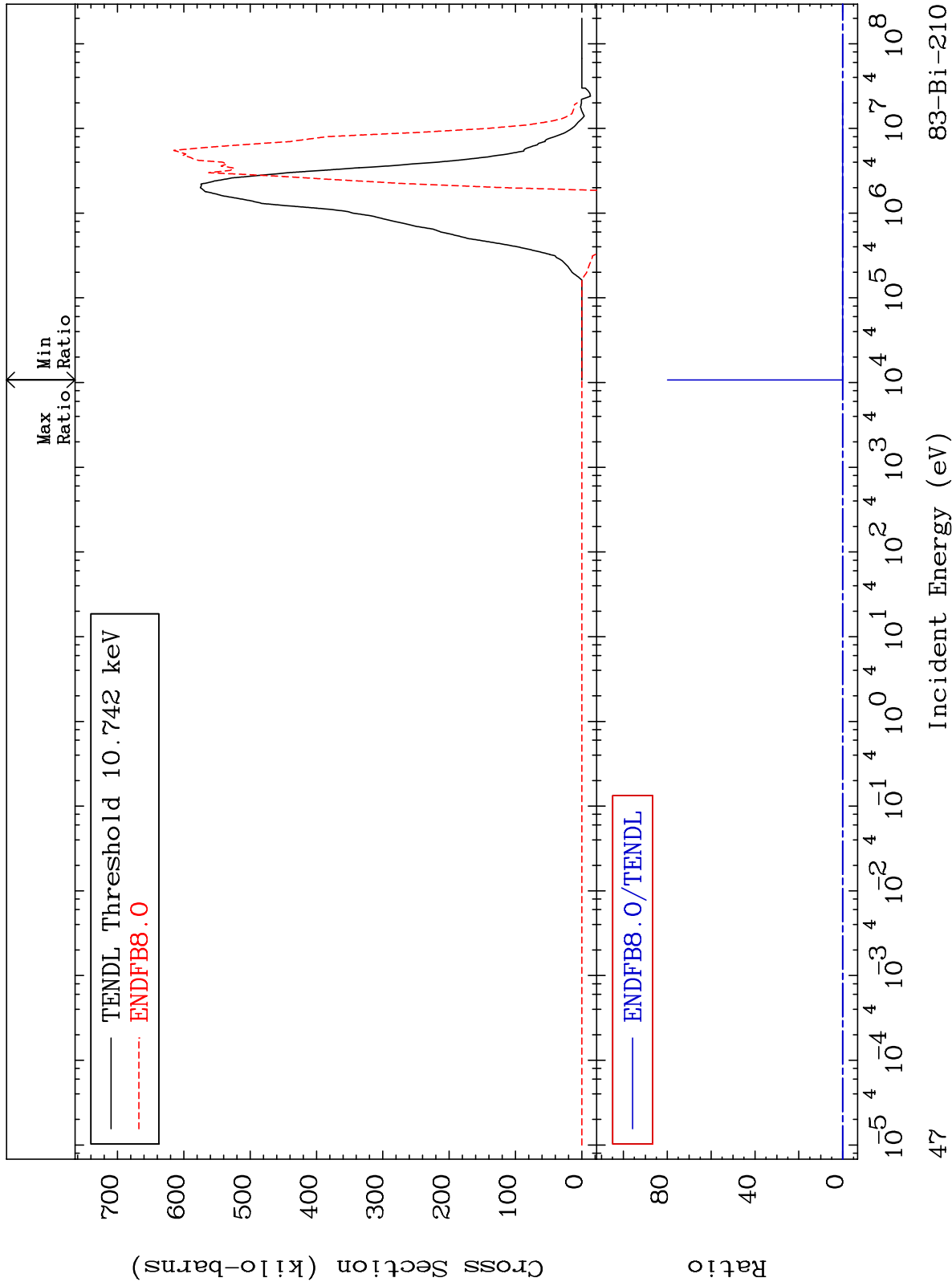
Incident Energy (eV)

83-Bi-210

MAT 8329

Kerma inelastic (mt51-91)  
Cross Section

83-Bi-210  
-9999. To 9999. %

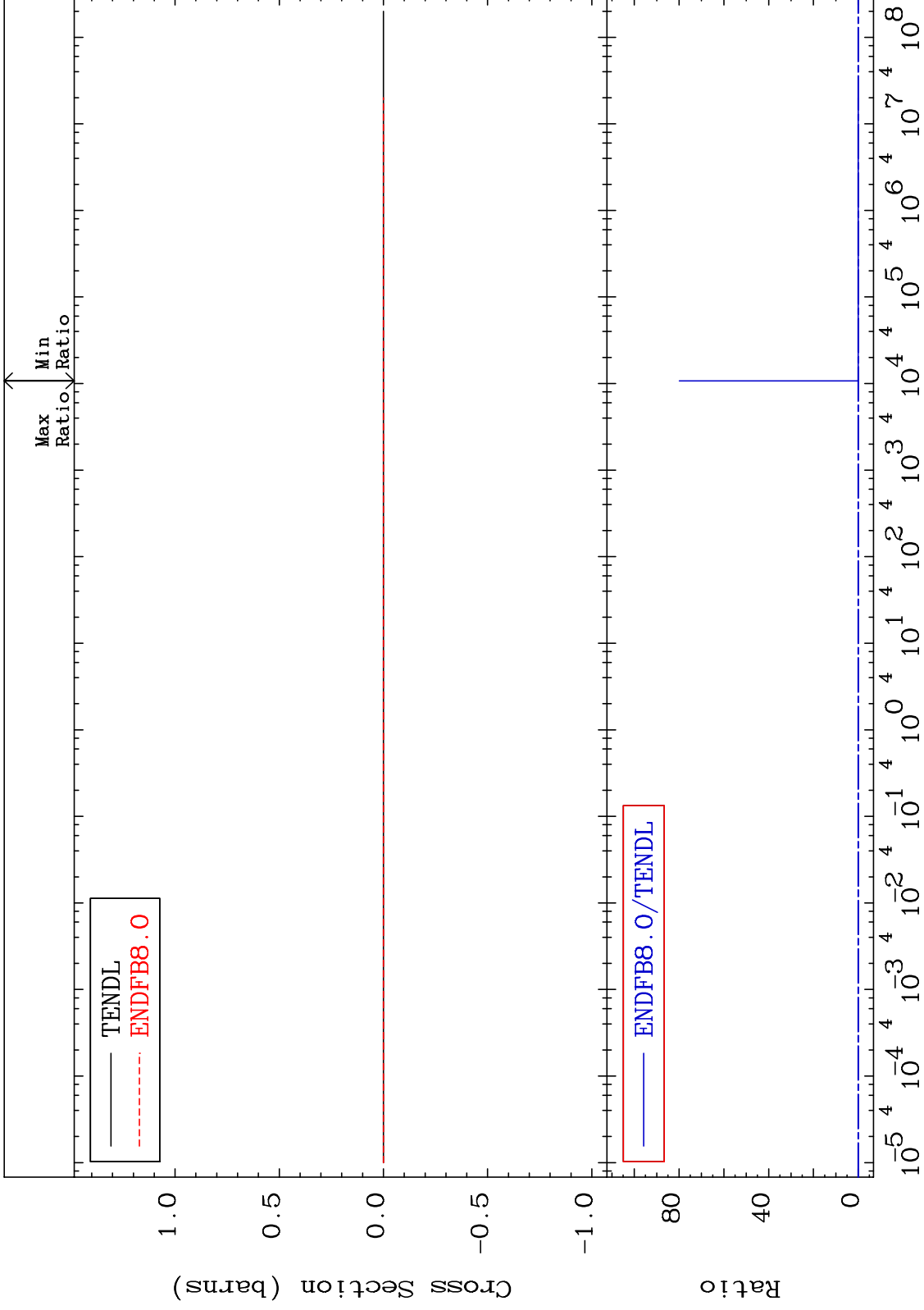




MAT 8329

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

83-Bi-210  
-9999. To 9999. %



48

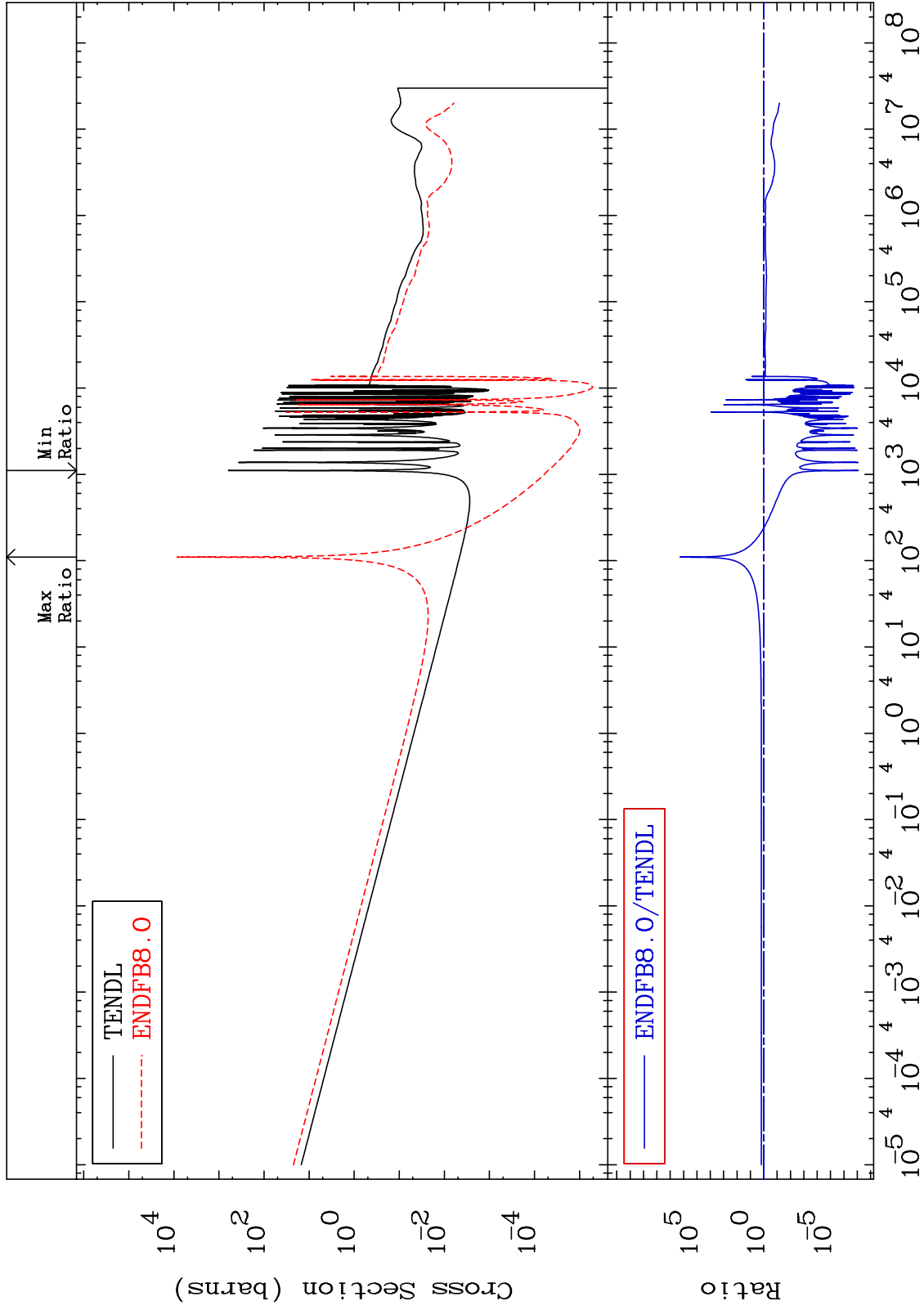
Incident Energy (eV)

83-Bi-210

MAT 8329

Kerma capture (mt102)  
Cross Section

83-Bi-210  
-100.0 To 9999. %



49

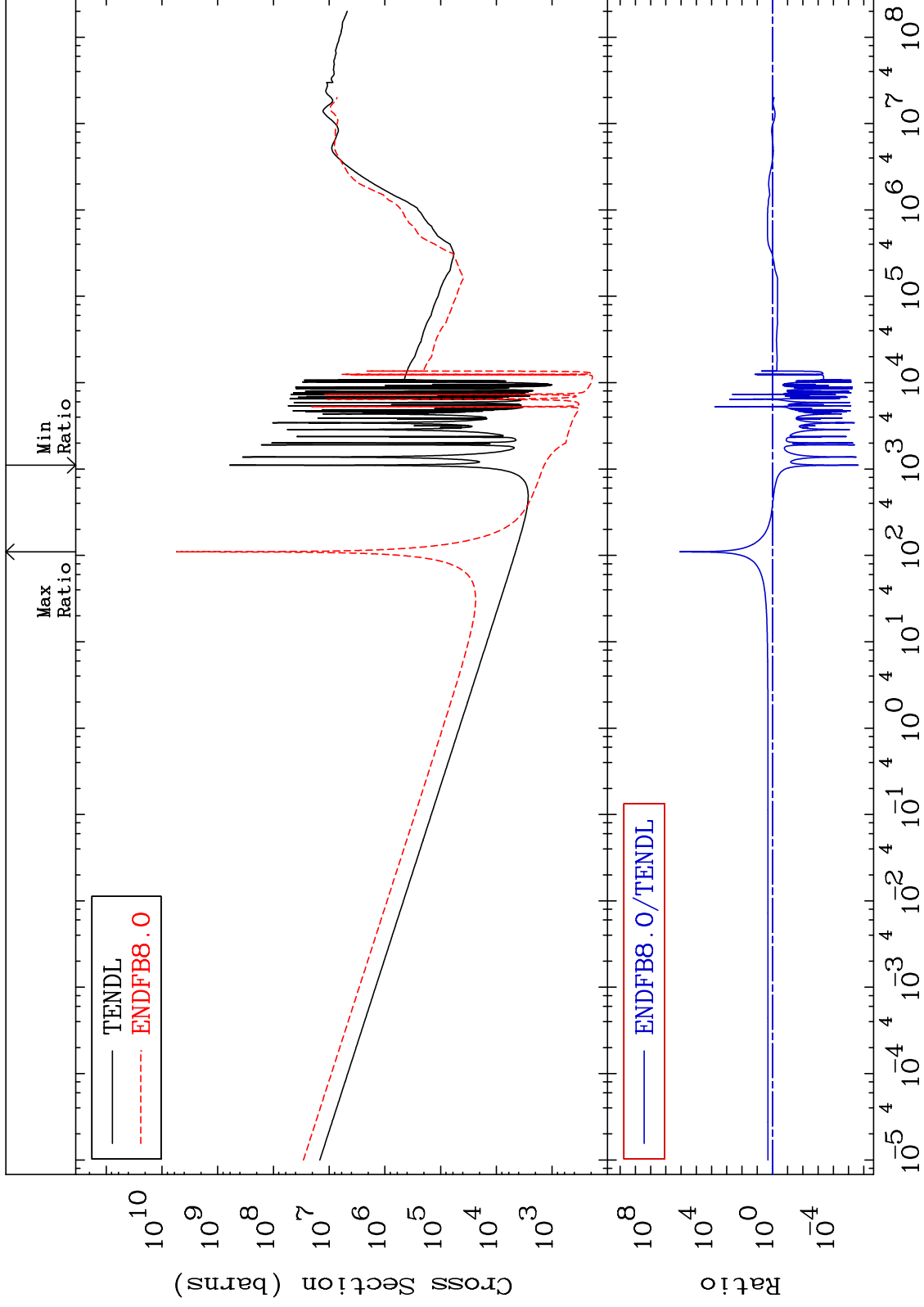
Incident Energy (eV)

83-Bi-210

MAT 8329

Total photon (eV-barns)  
Cross Section

83-Bi-210  
-100.0 To 9999. %

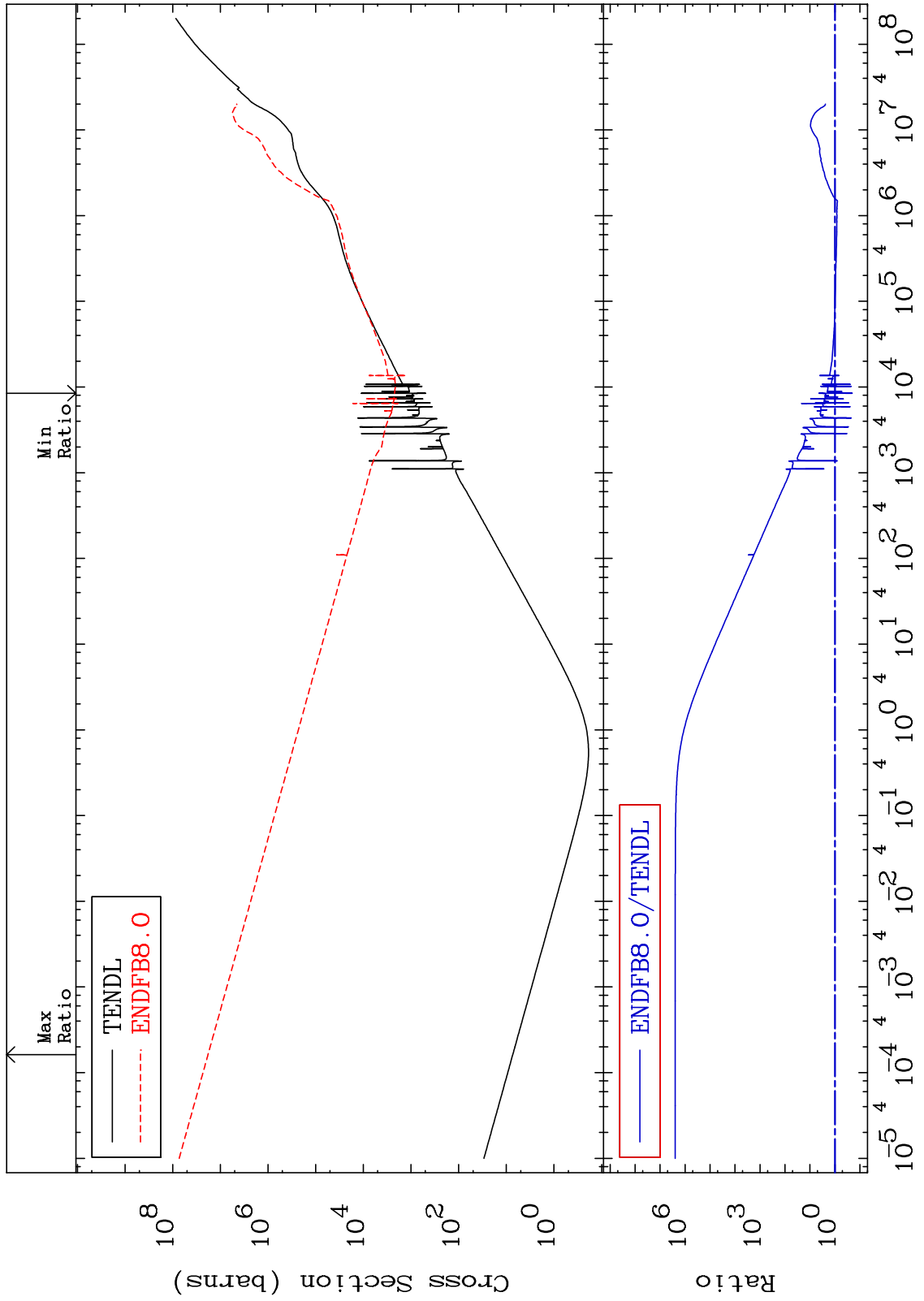


50

Incident Energy (eV)

83-Bi-210

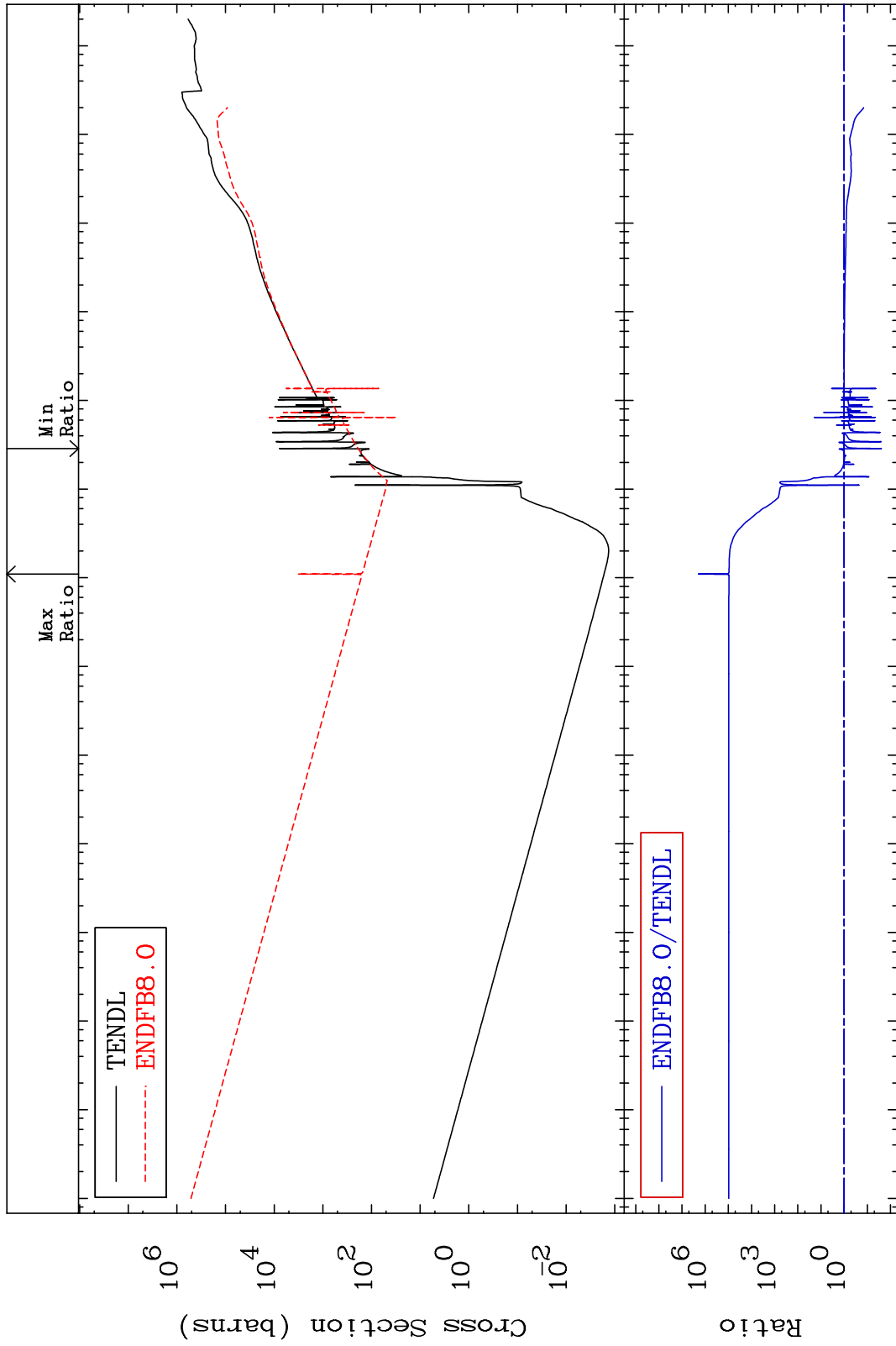
MAT 8329 Total kinematic kerma (high limit) 83-Bi-210  
 Cross Section -79.93 To 9999. %



MAT 8329

Dpa total (eV-barns)  
Cross Section

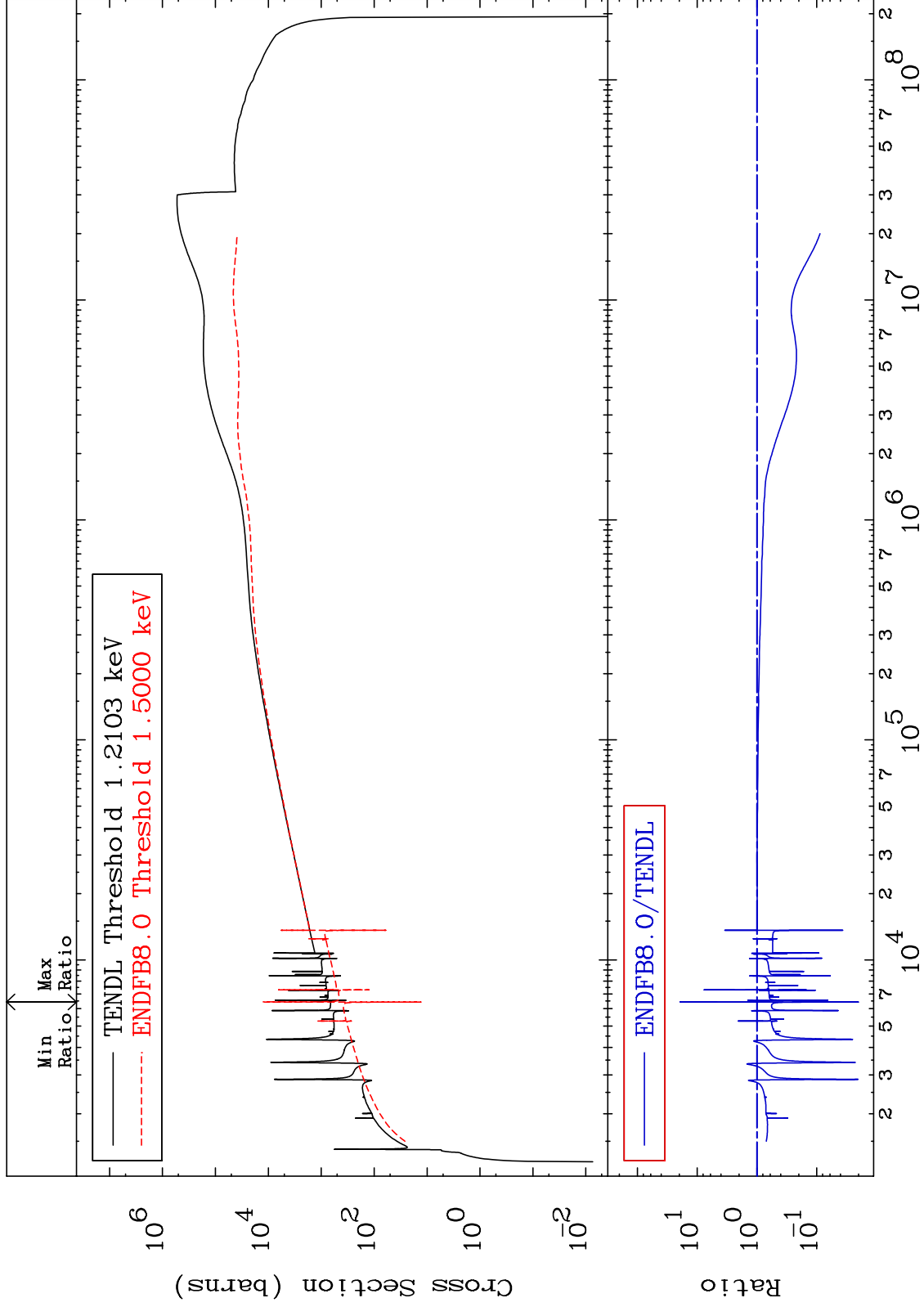
83-Bi-210  
-97.57 To 9999. %



MAT 8329

Dpa elastic (mt2)  
Cross Section

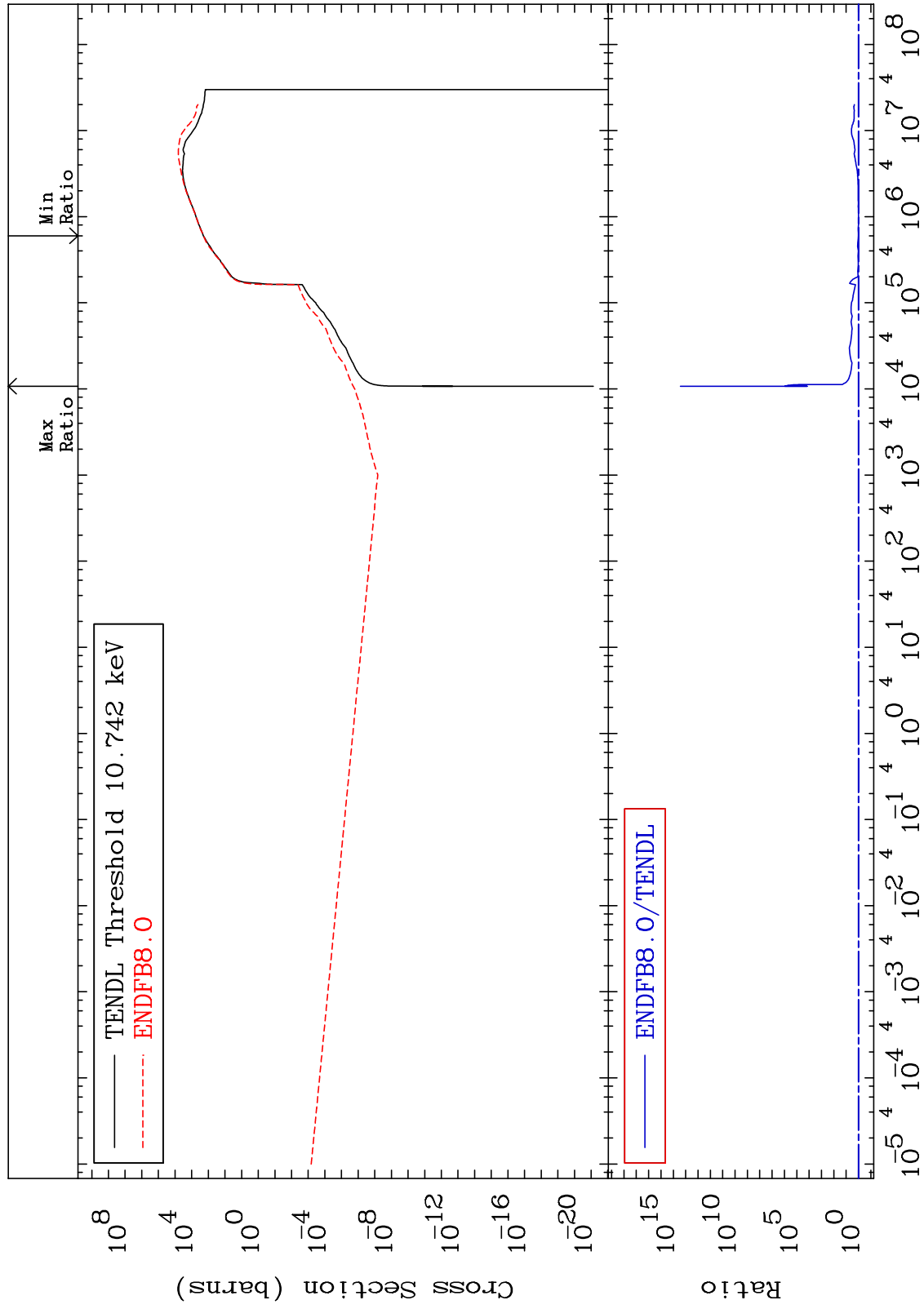
83-Bi-210  
-97.99 To 1837. %



MAT 8329

Dpa inelastic (mt51-91)  
Cross Section

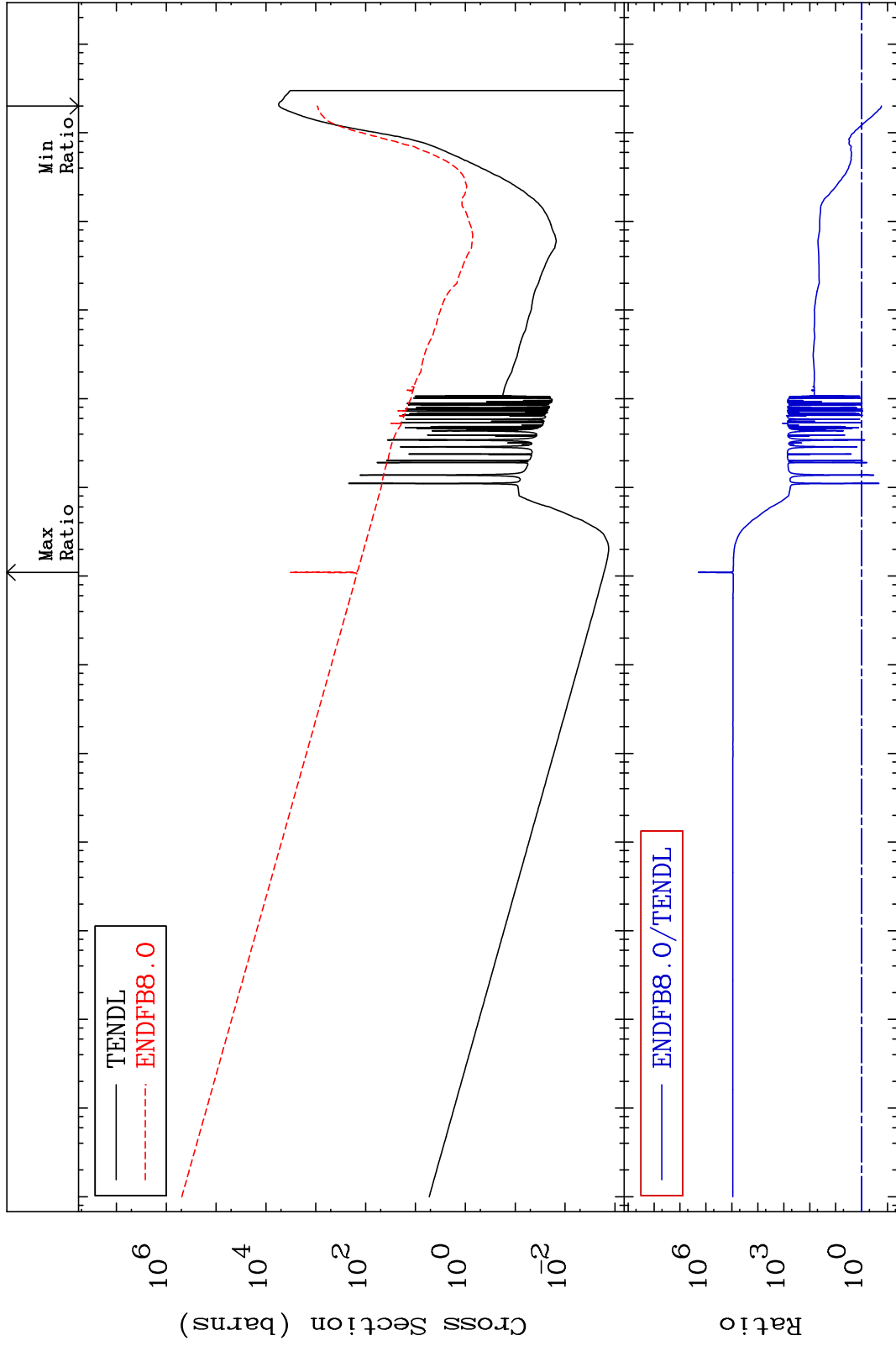
83-Bi-210  
-0.521 To 9999. %



MAT 8329

Dpa disappearance (mt102 -120)  
Cross Section

83-Bi-210  
-82.94 To 9999. %

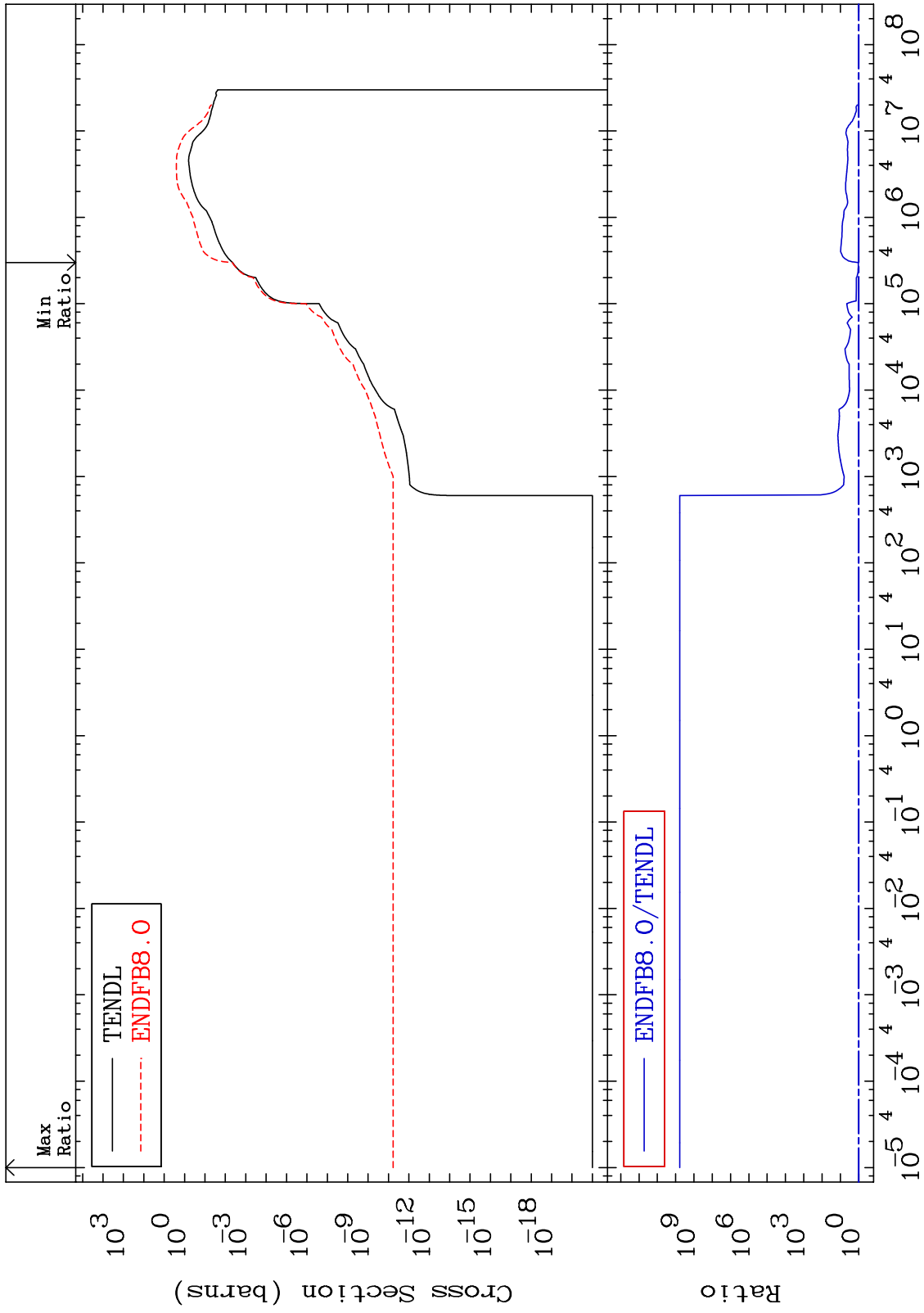




MAT 8329

Inelastic: 83-Bi-210  
Radionuclide Production Cross Section 4.270 To 9999. %

83-Bi-210

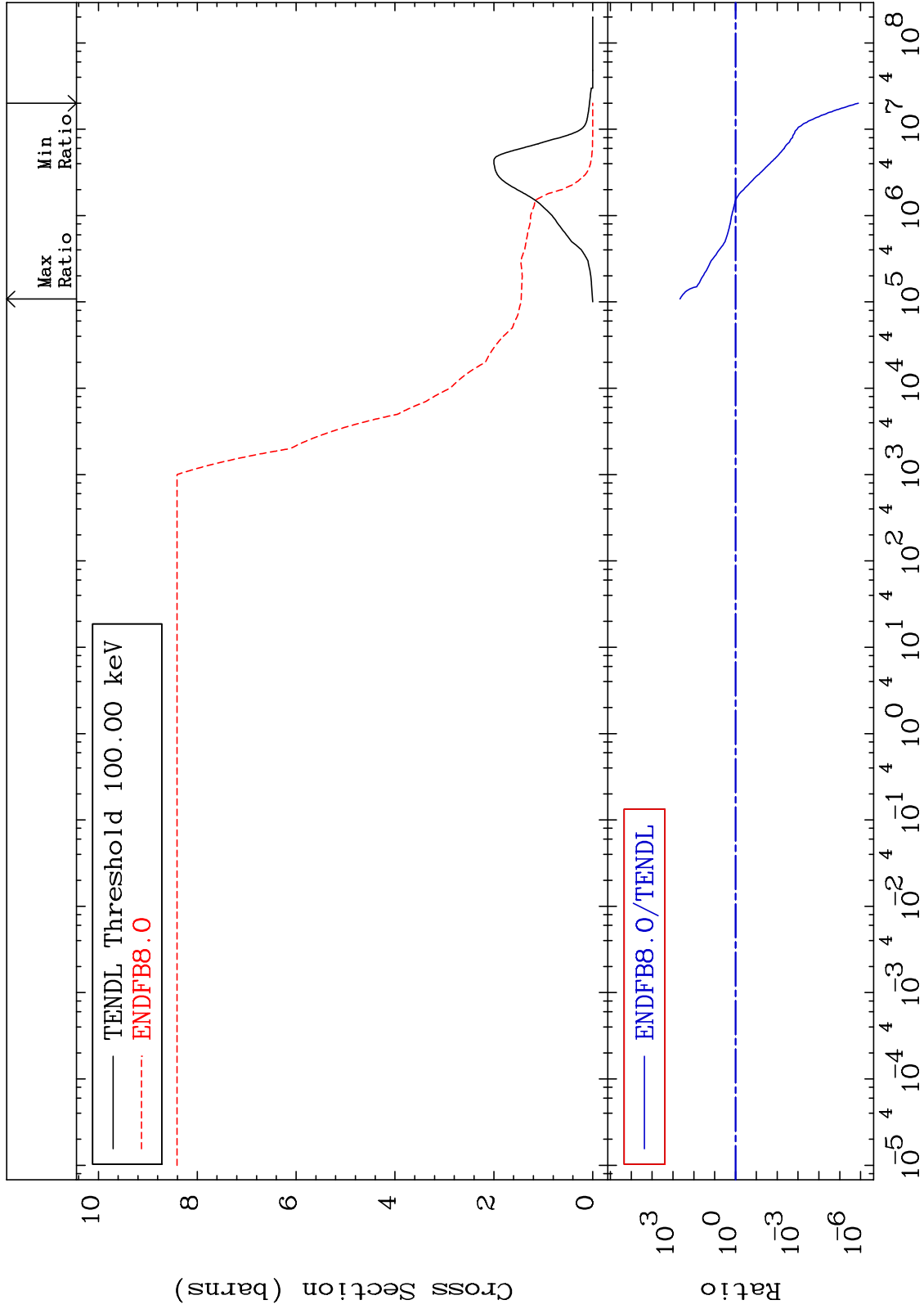


MAT 8329

Inelastic:83-Bi-210m2

83-Bi-210

Radionuclide Production Cross Section -100.0 To 9999. %



57

Incident Energy (eV)

83-Bi-210