

Program Complot
(Version 2018-1)

by

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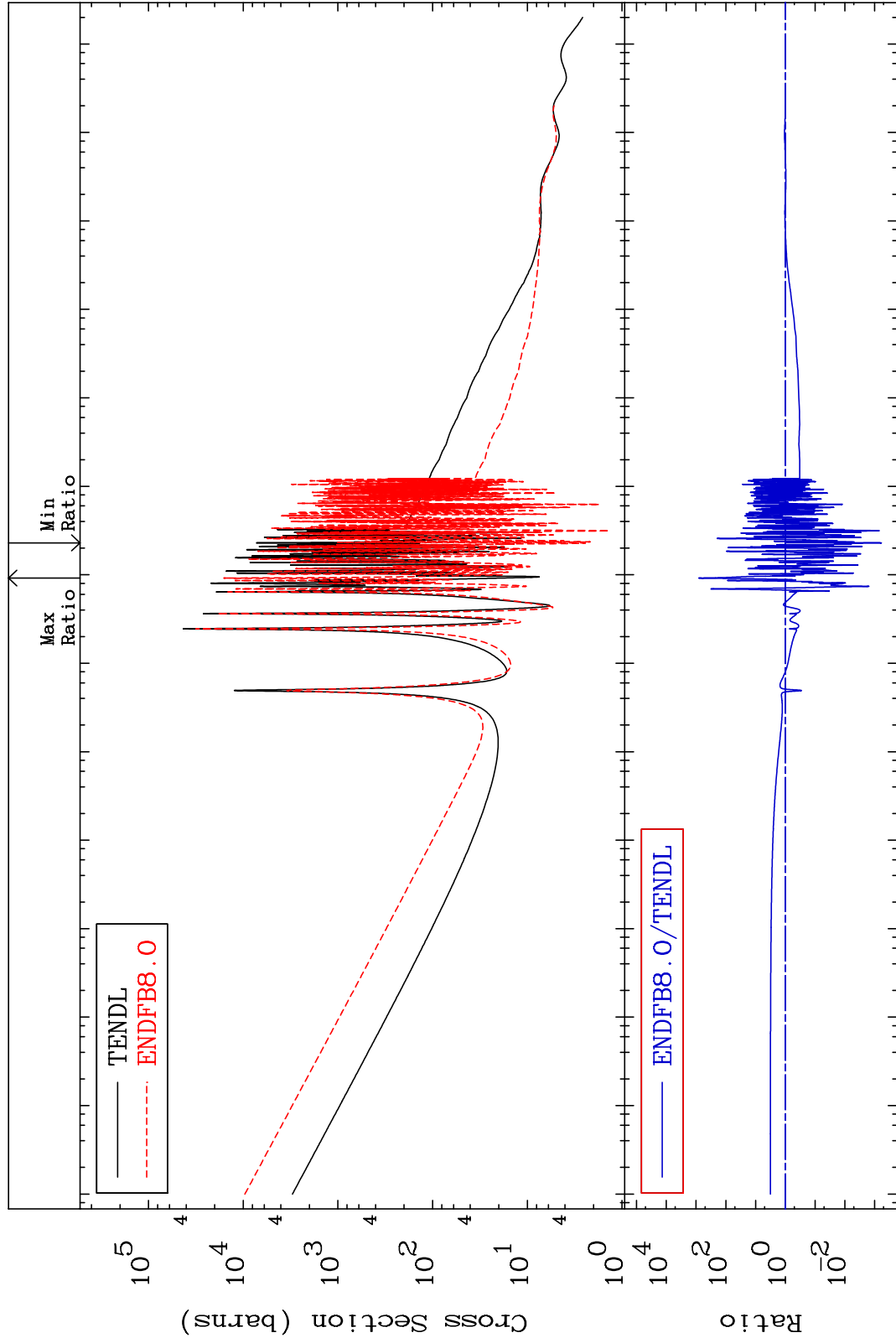
Press Mouse Button to Start

MAT 6931

69-Tm-171

-99.94 To 9999. %

Total
Cross Section



1

Incident Energy (eV)

69-Tm-171

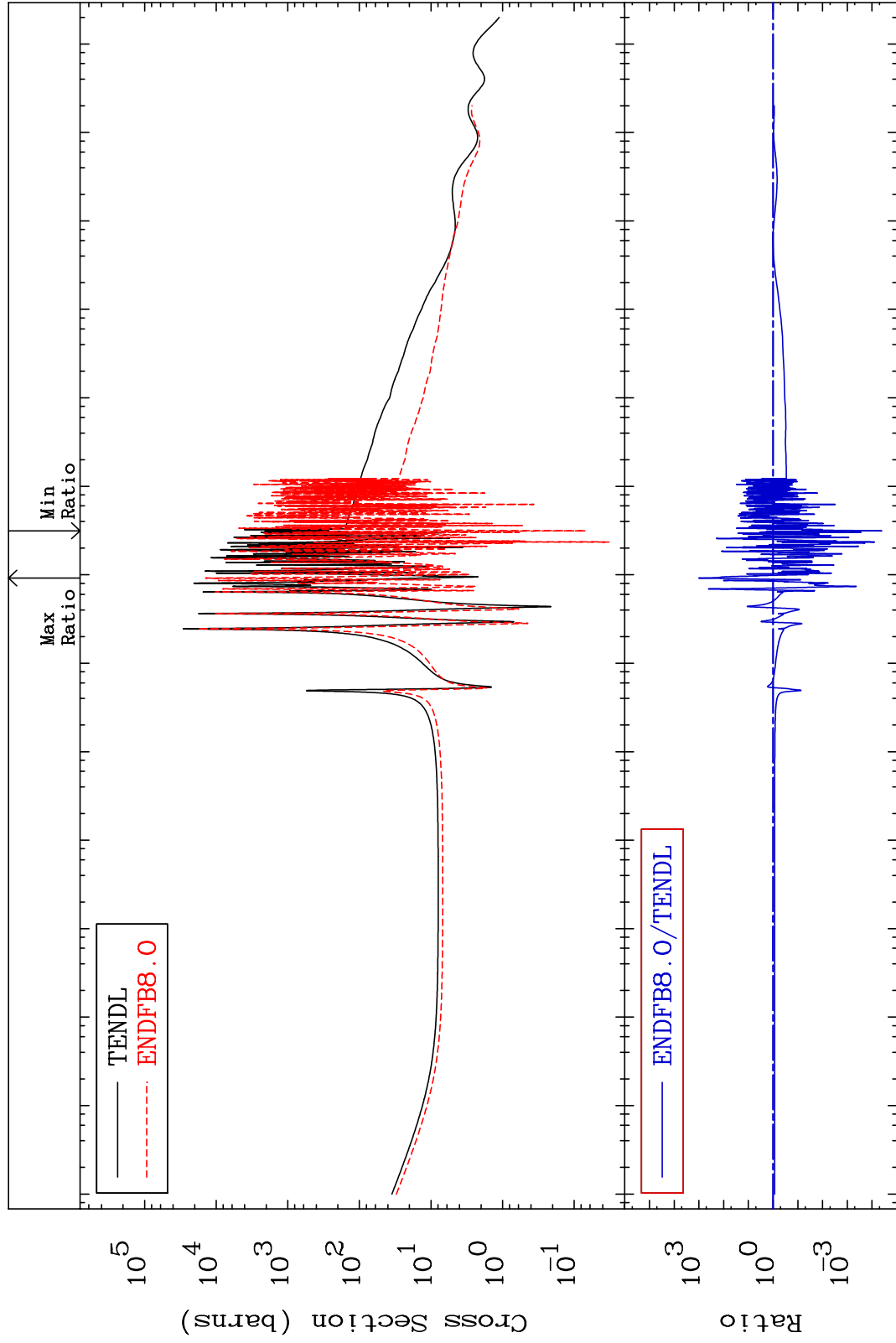
MAT 6931

Elastic

69-Tm-171

-100.0 To 9999. %

Cross Section

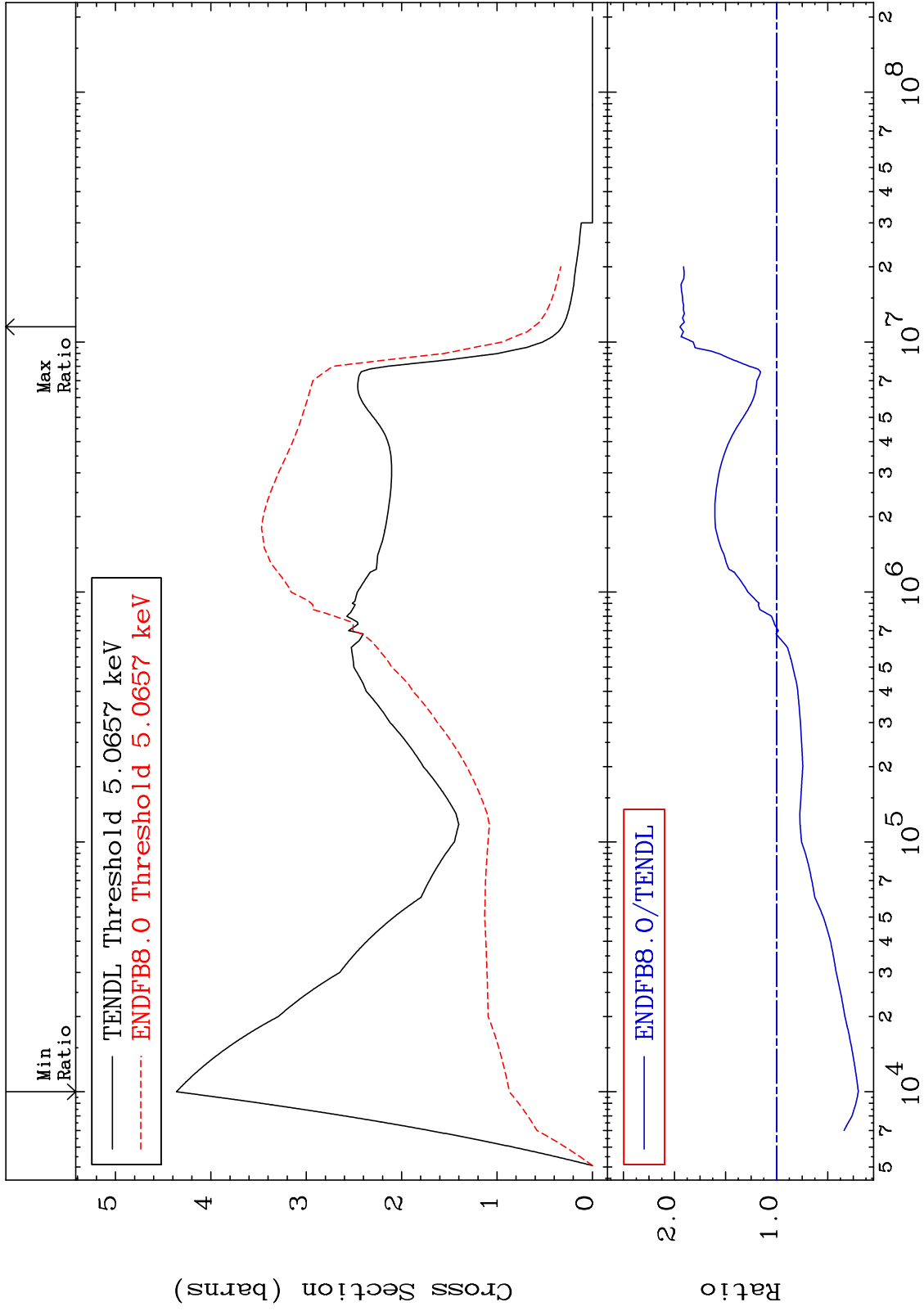


MAT 6931

Inelastic
Cross Section

69-Tm-171

-80.03 To 94.81 %



Incident Energy (eV)

69-Tm-171

3

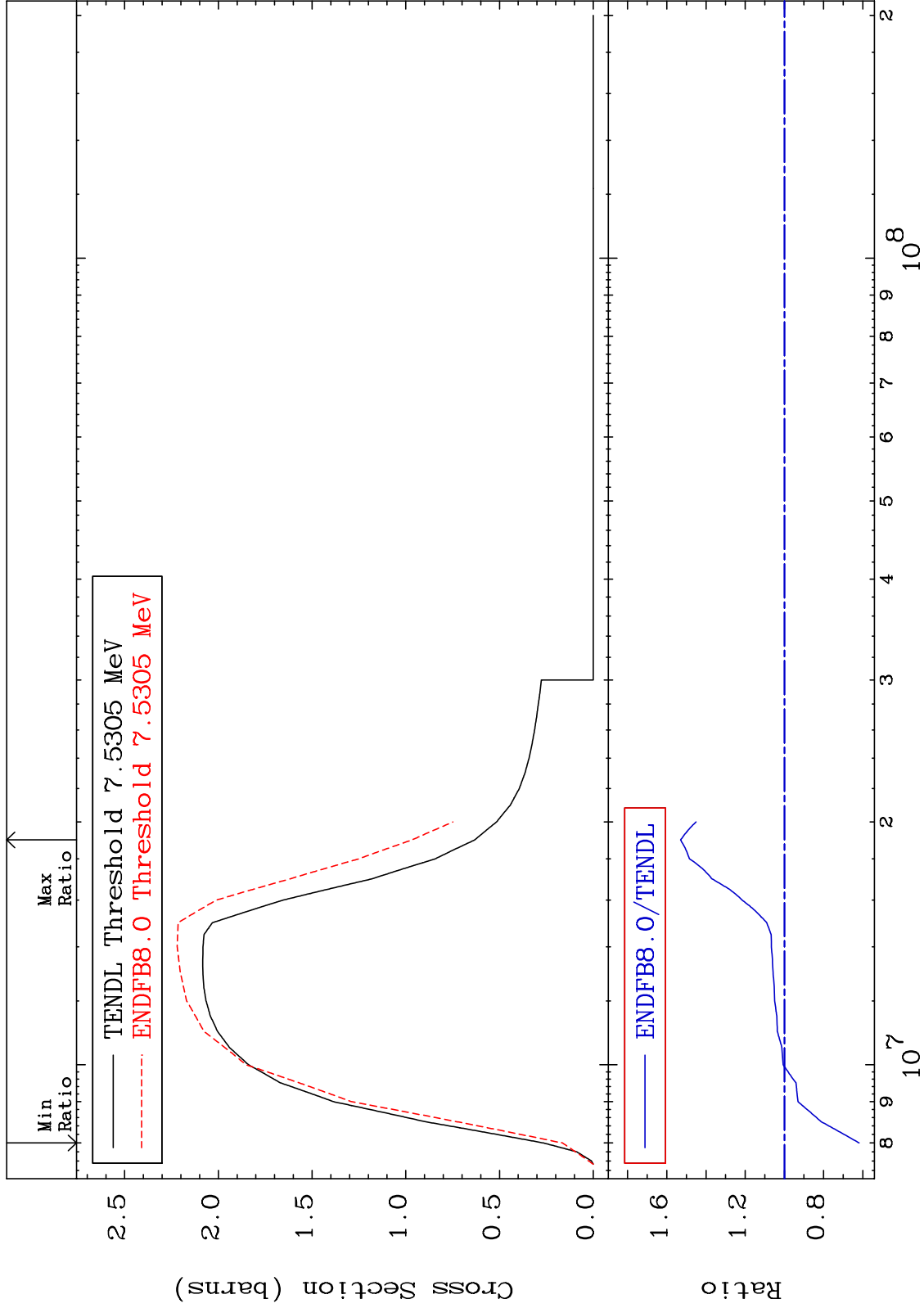
MAT 6931

(n,2n)

69-Tm-171

Cross Section

-38.15 To 52.95 %



69-Tm-171

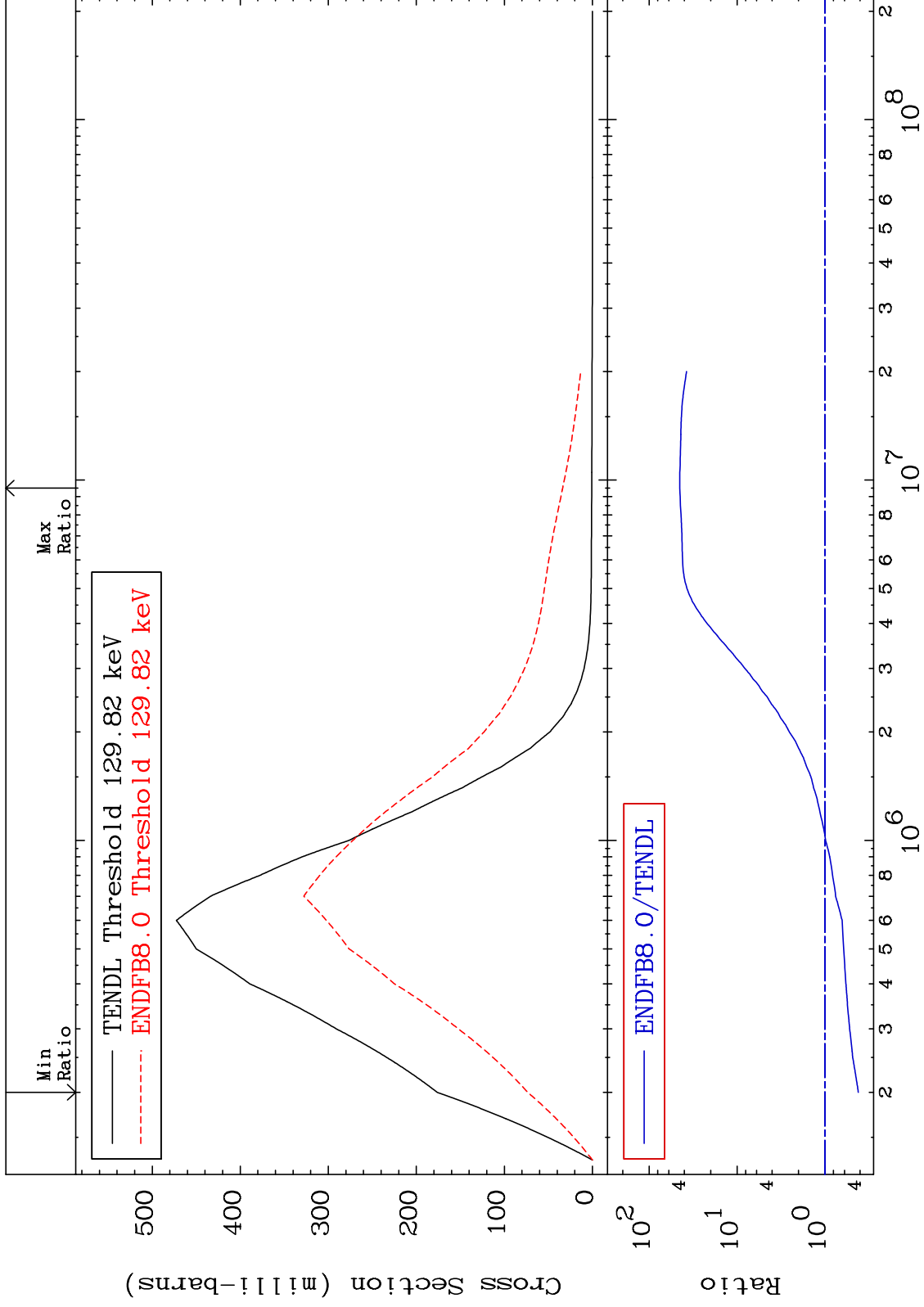
Incident Energy (eV)

4

MAT 6931

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

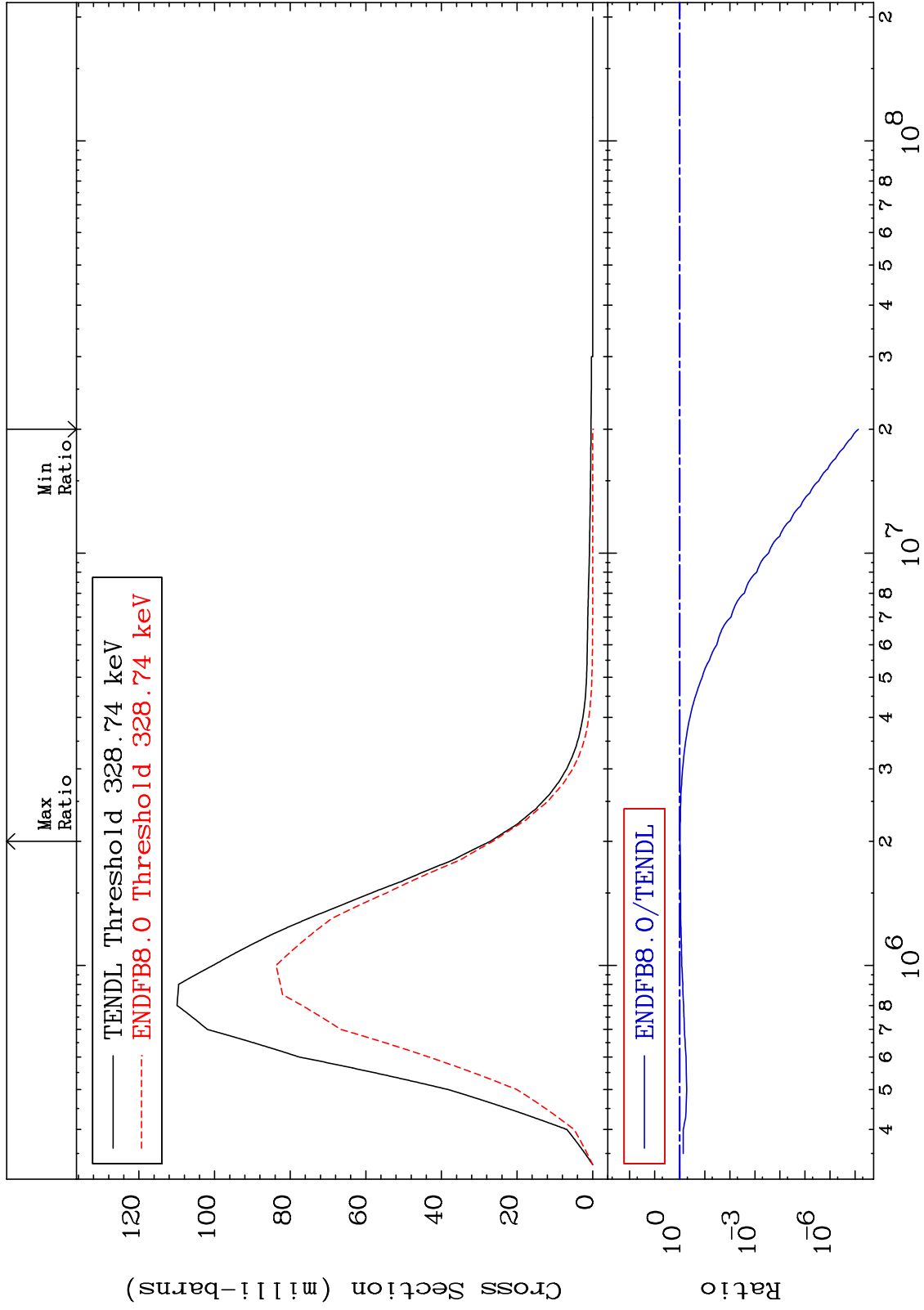
69-Tm-171
-58.27 To 4394. %



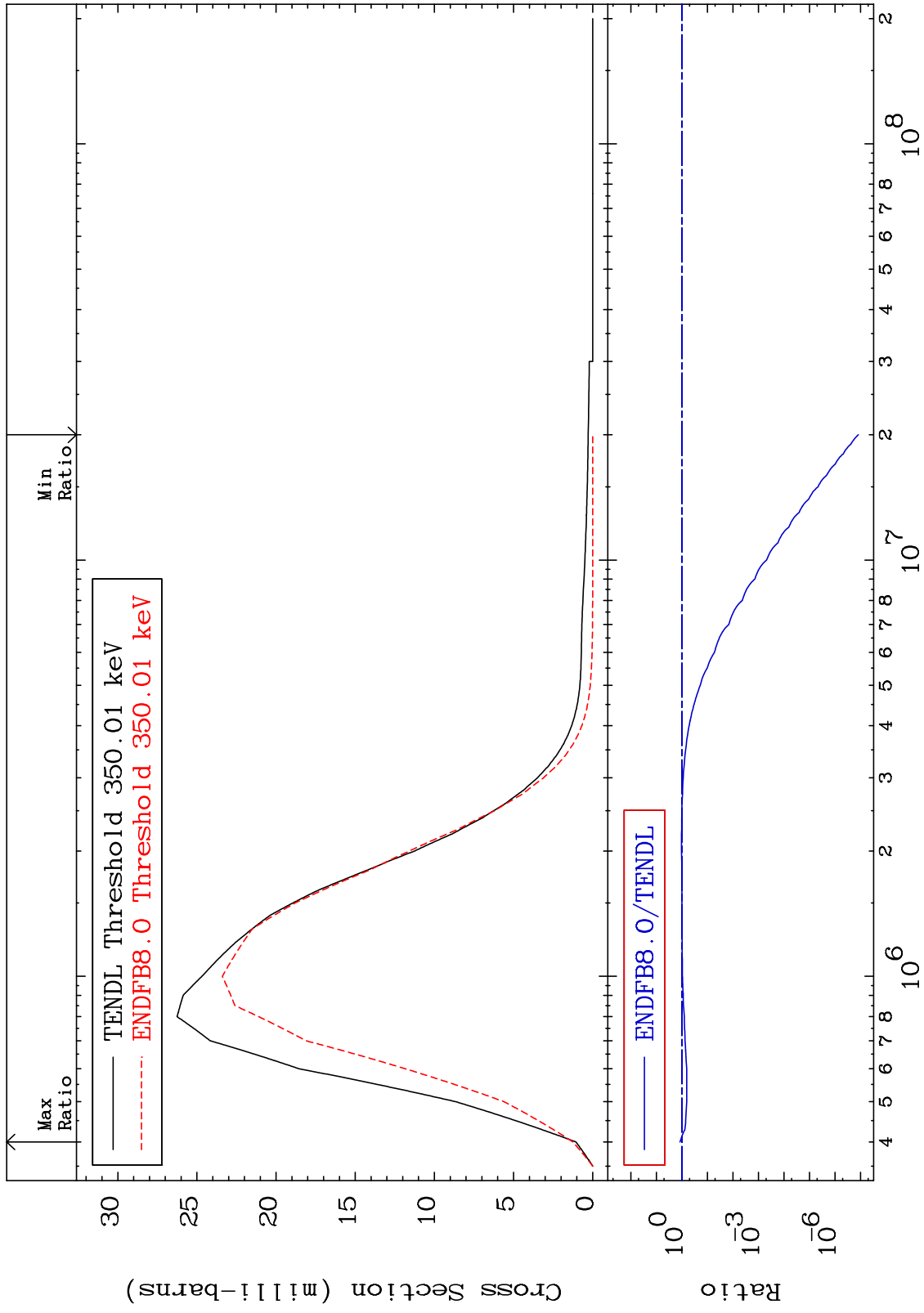
MAT 6931

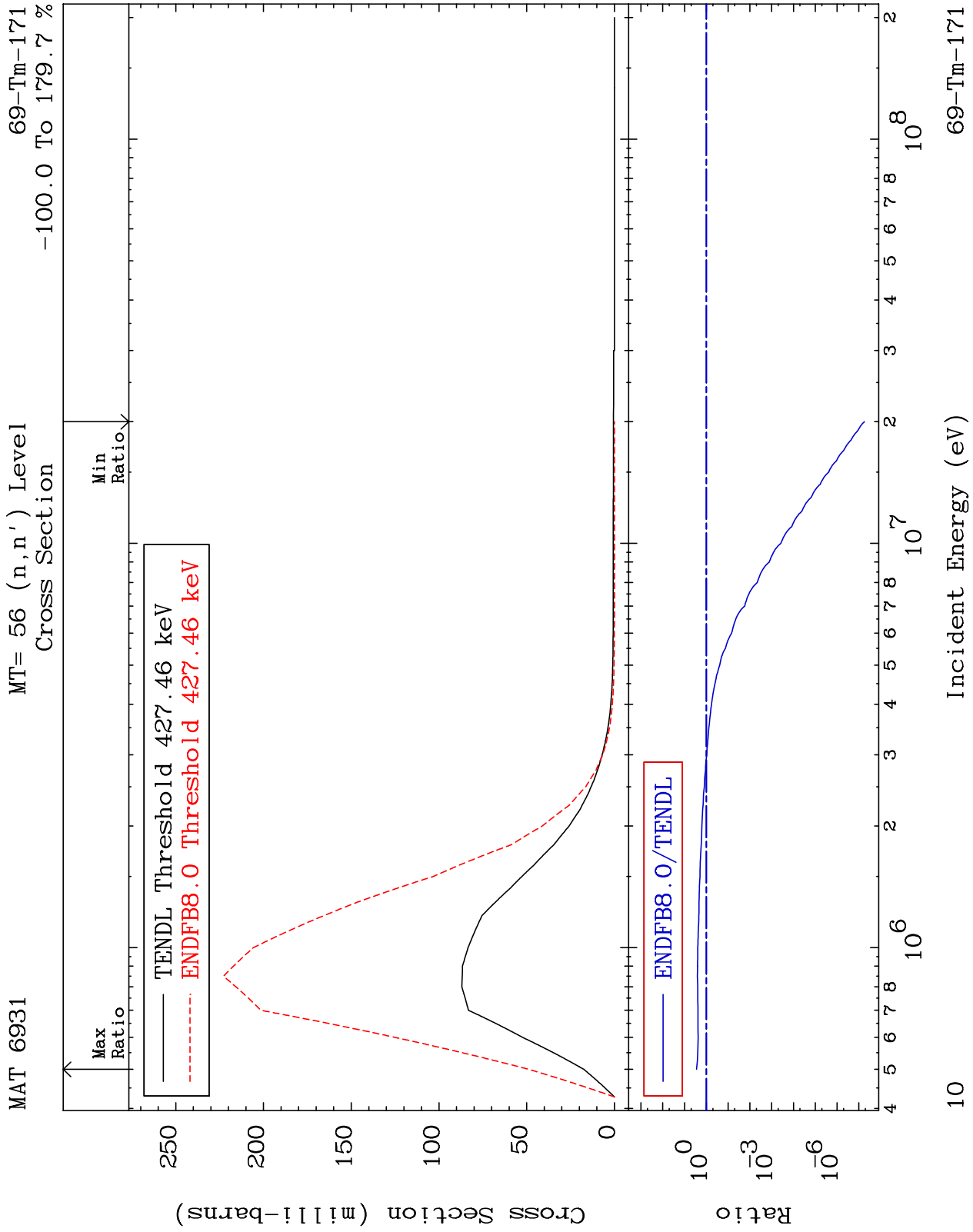
MT= 54 (n,n') Level
Cross Section

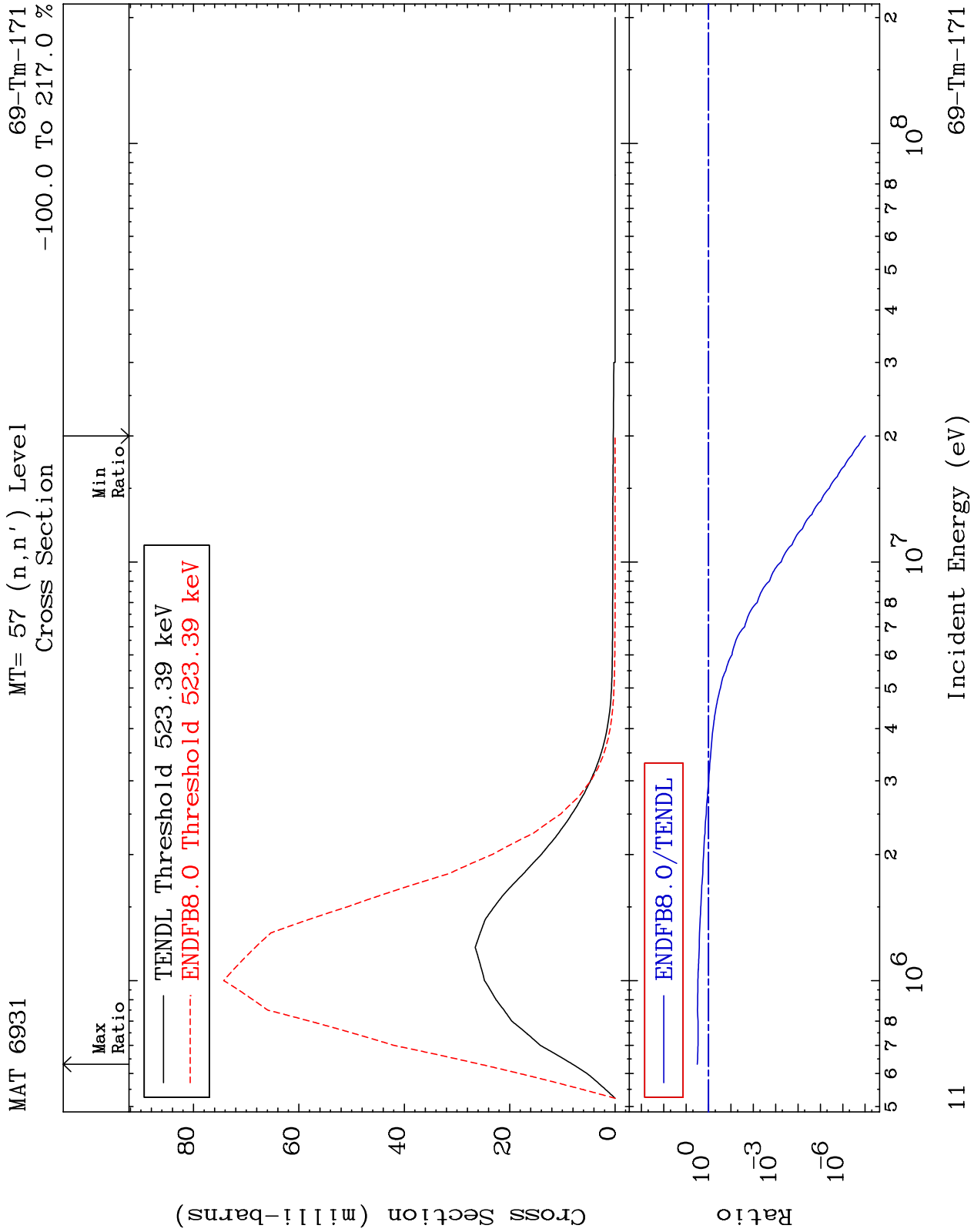
69-Tm-171
-100.0 To -2.436%



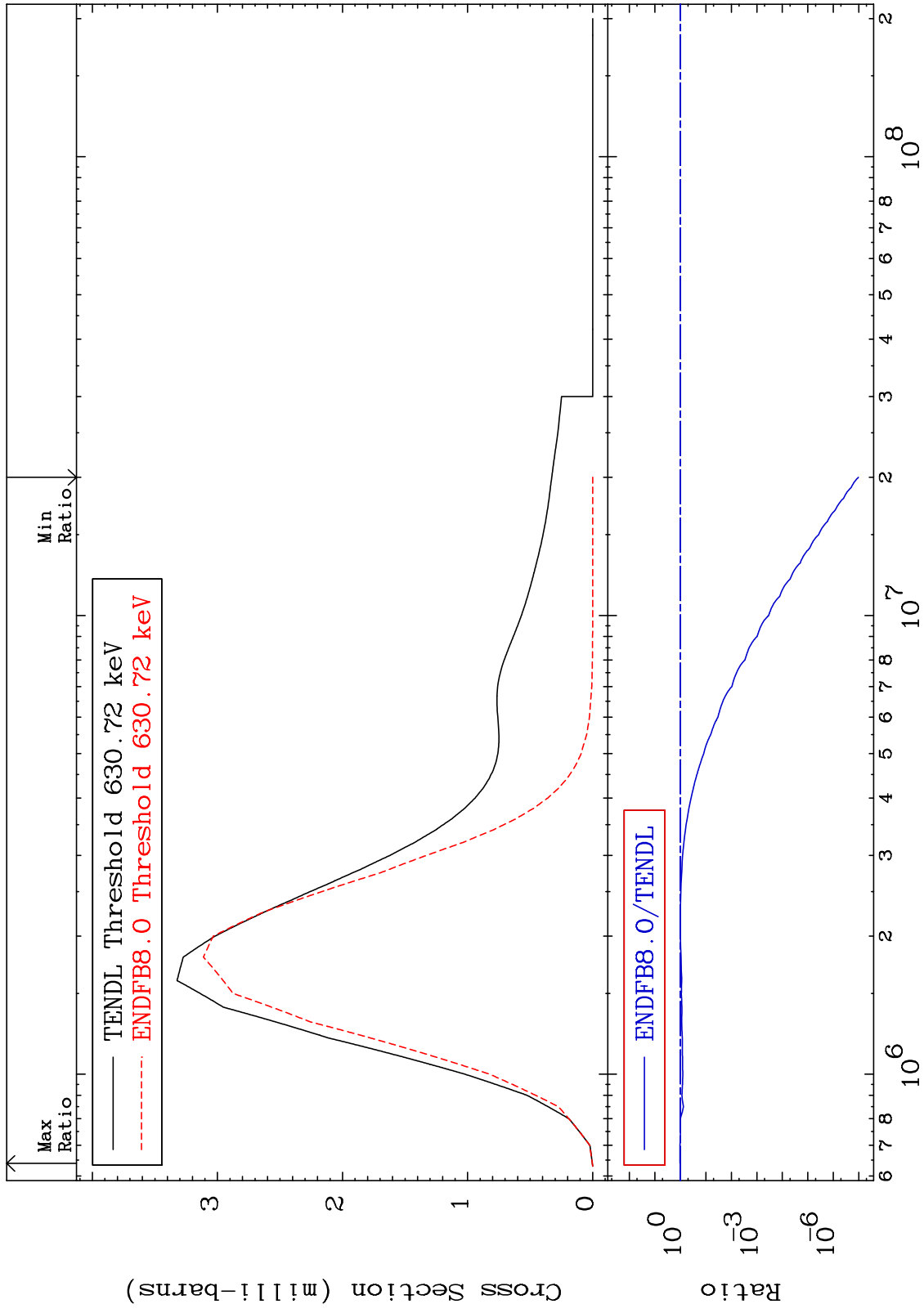
MAT 6931 MT= 55 (n,n') Level 69-Tm-171
 Cross Section -100.0 To 17.84 %







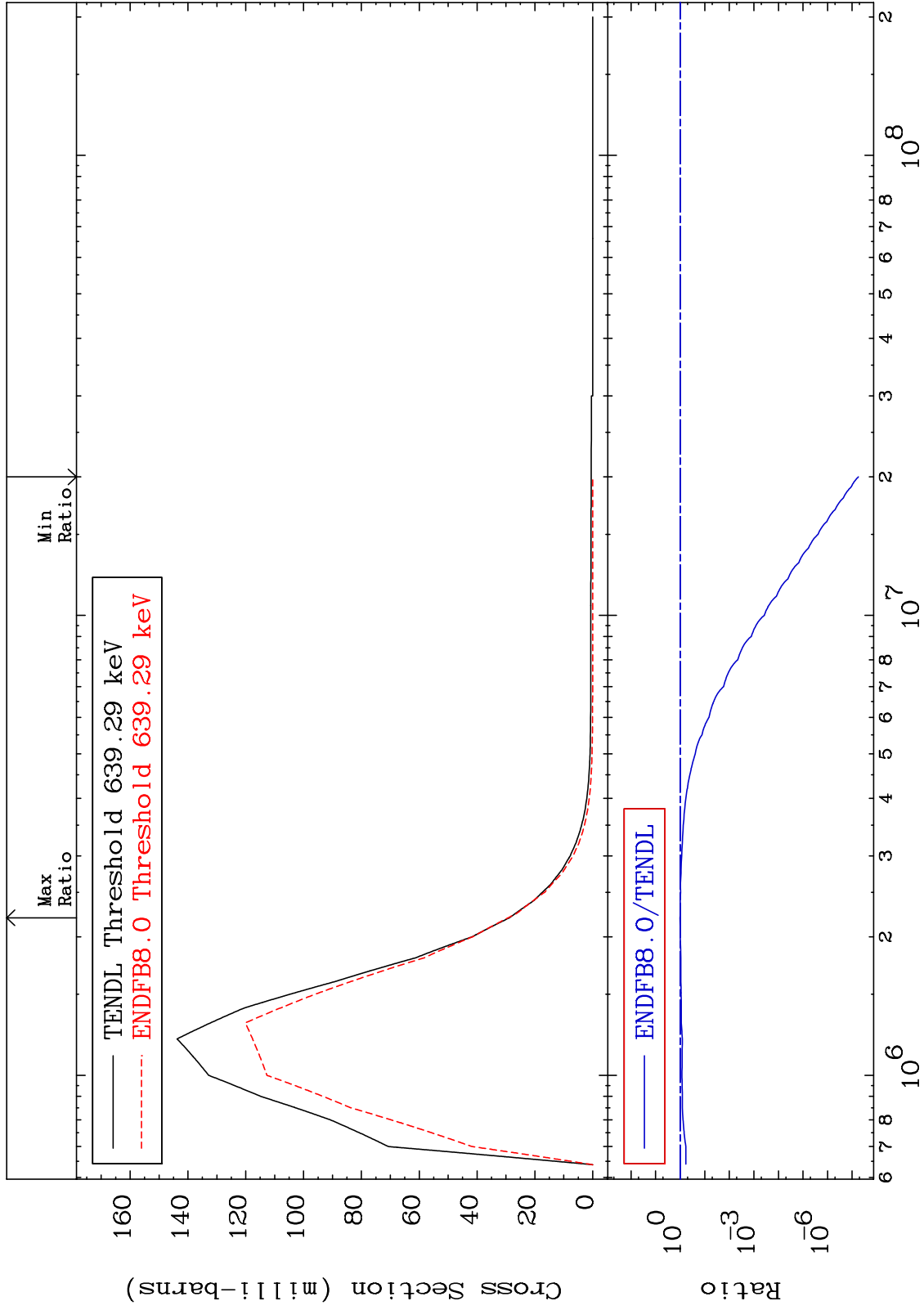
MAT 6931 MT= 58 (n,n') Level Cross Section 69-Tm-171
 -100.0 To 3.405 %



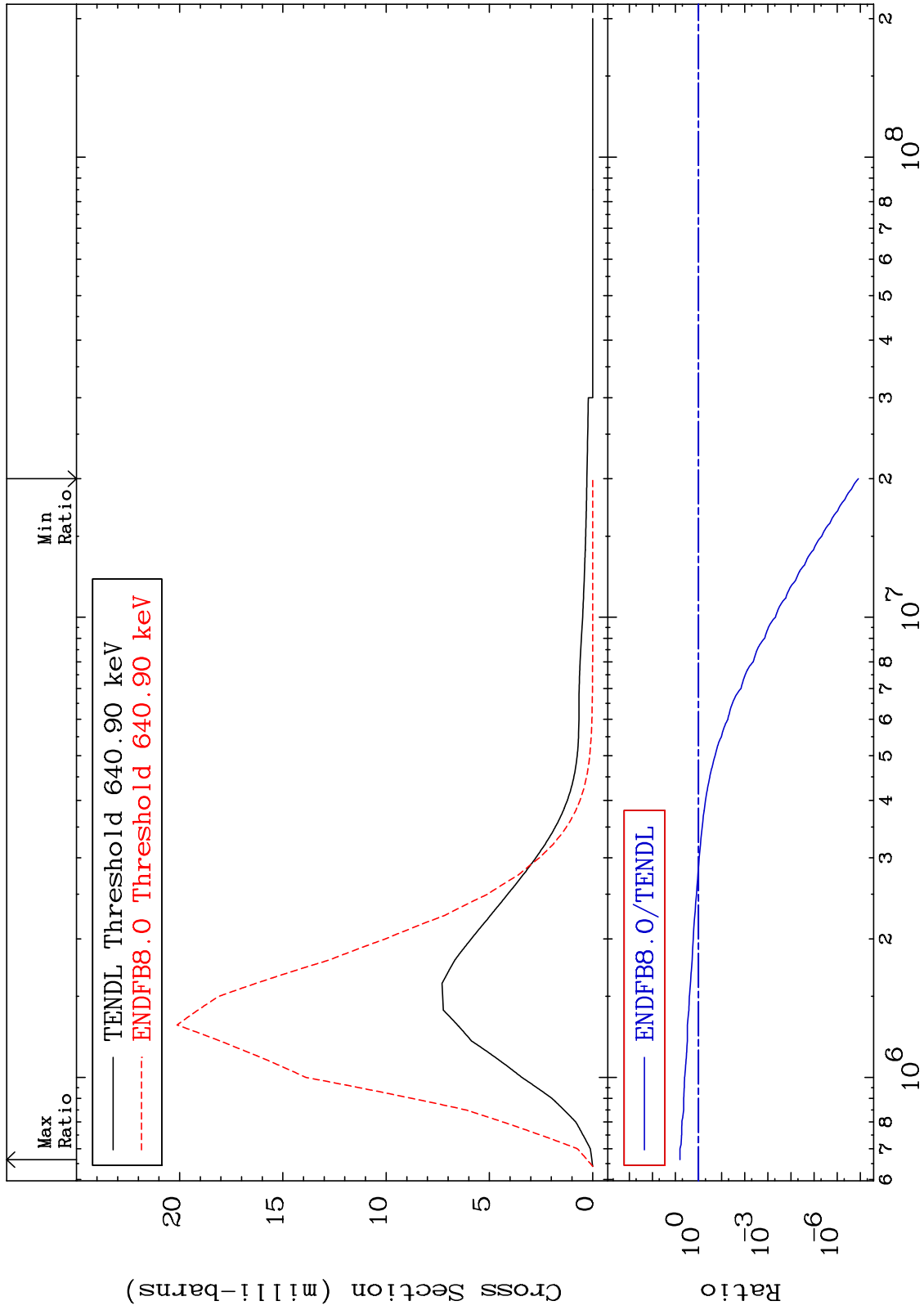
MAT 6931

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

69-Tm-171
-100.0 To 1.654 %



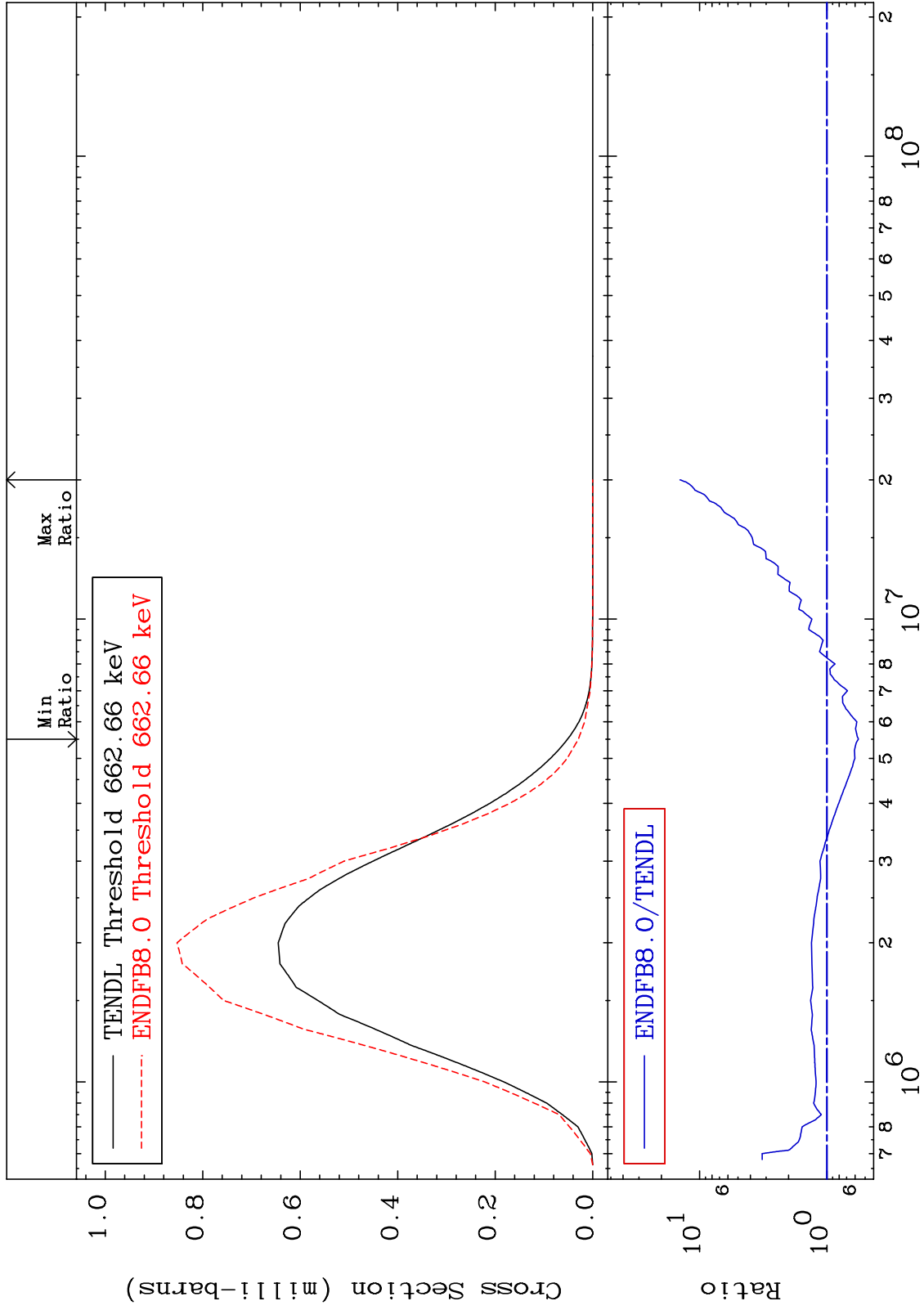
MAT 6931 MT= 60 (n,n') Level Cross Section -100.0 To 536.0 % 69-Tm-171



MAT 6931

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

69-Tm-171
-43.47 To 1327. %



15

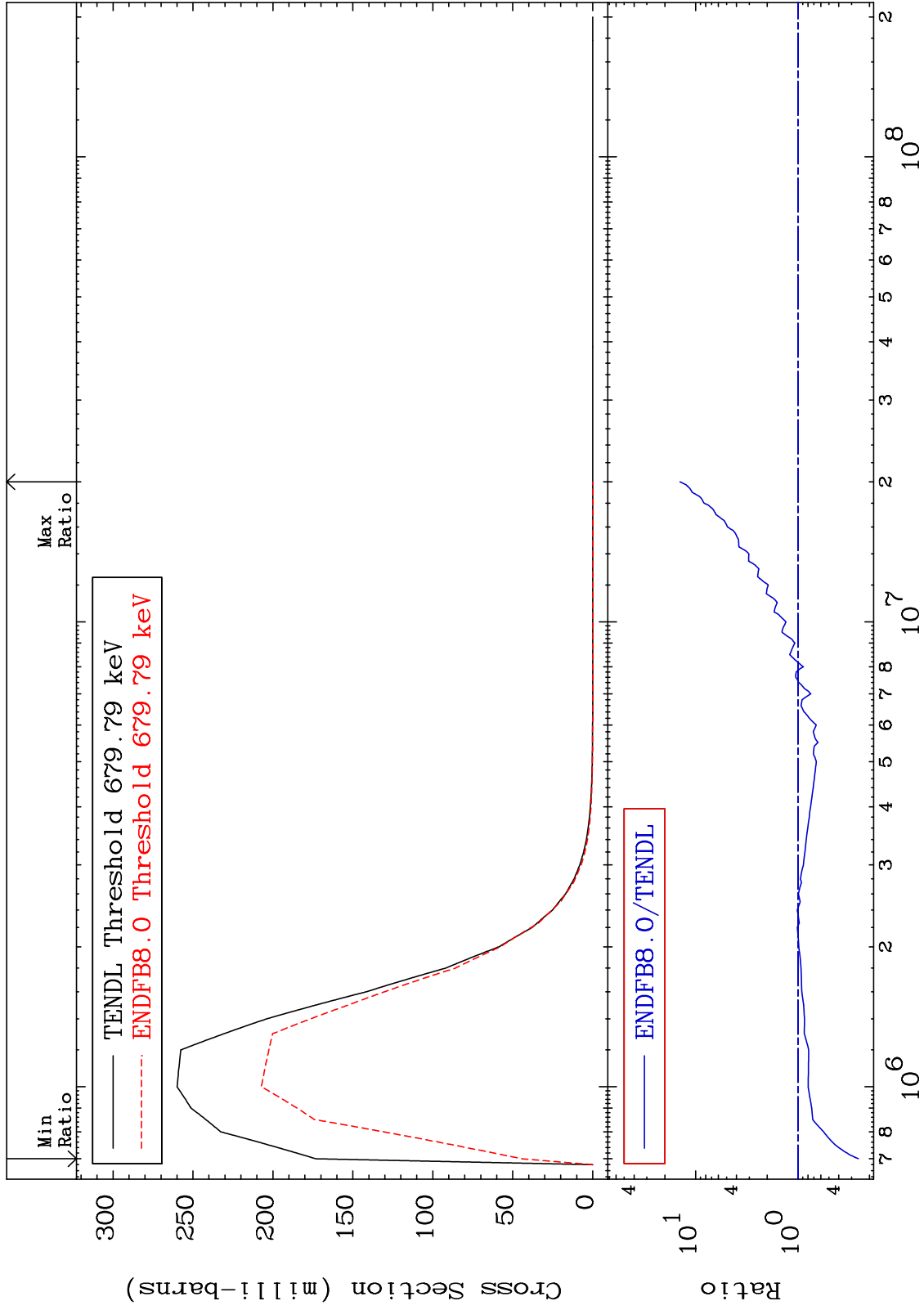
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-74.29 To 1324. %



16

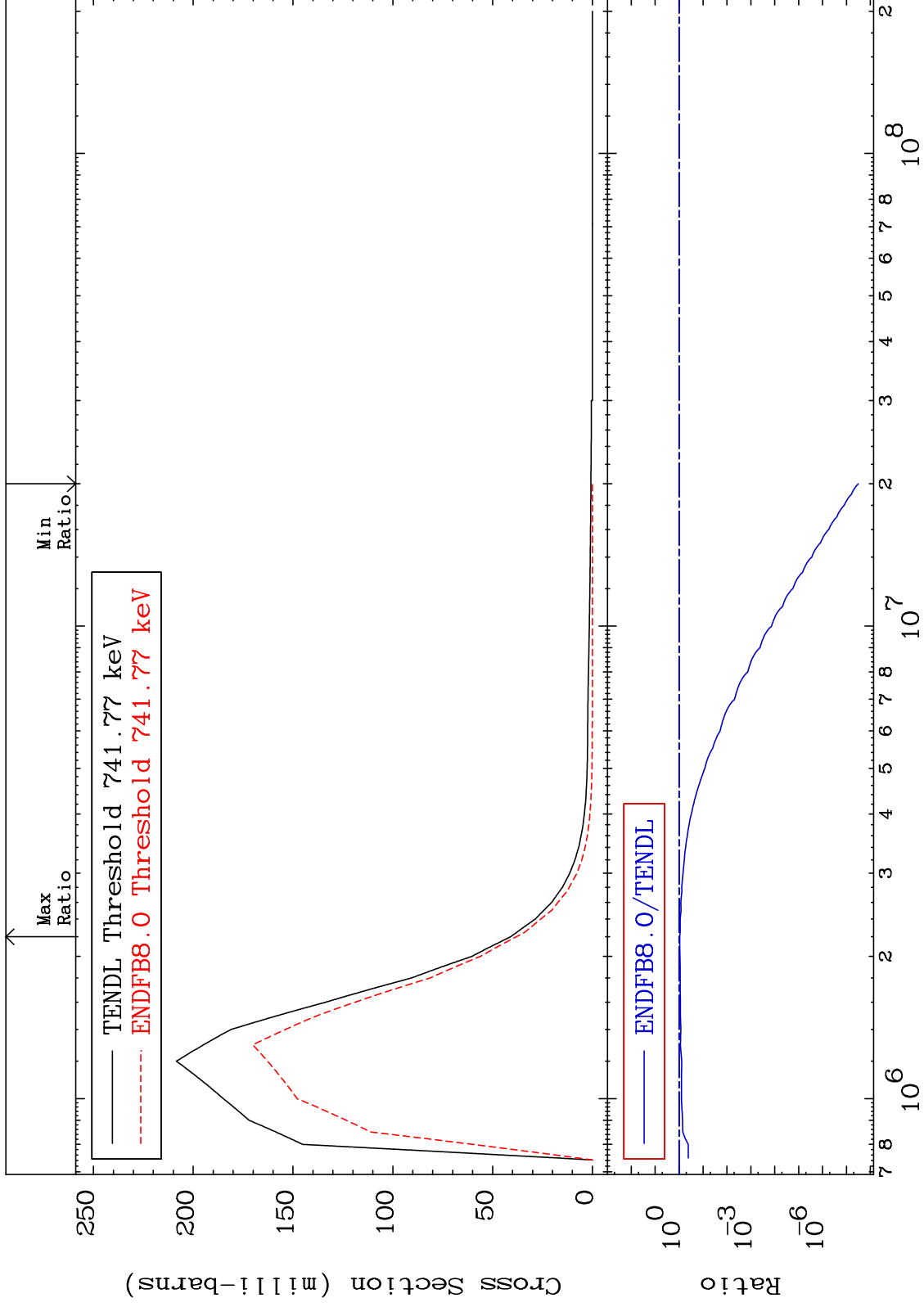
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To -6.665%



17

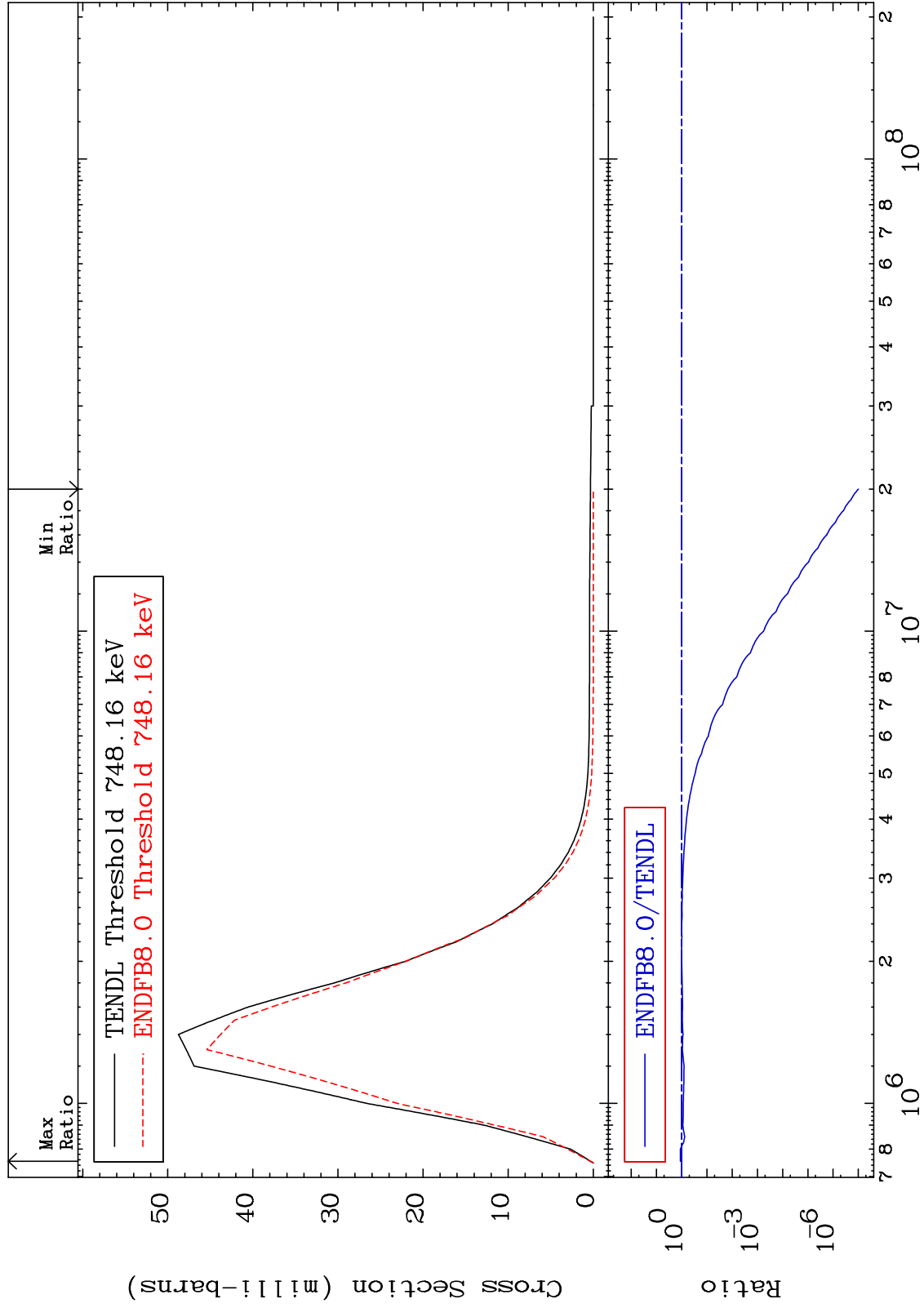
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To 12.19 %



18

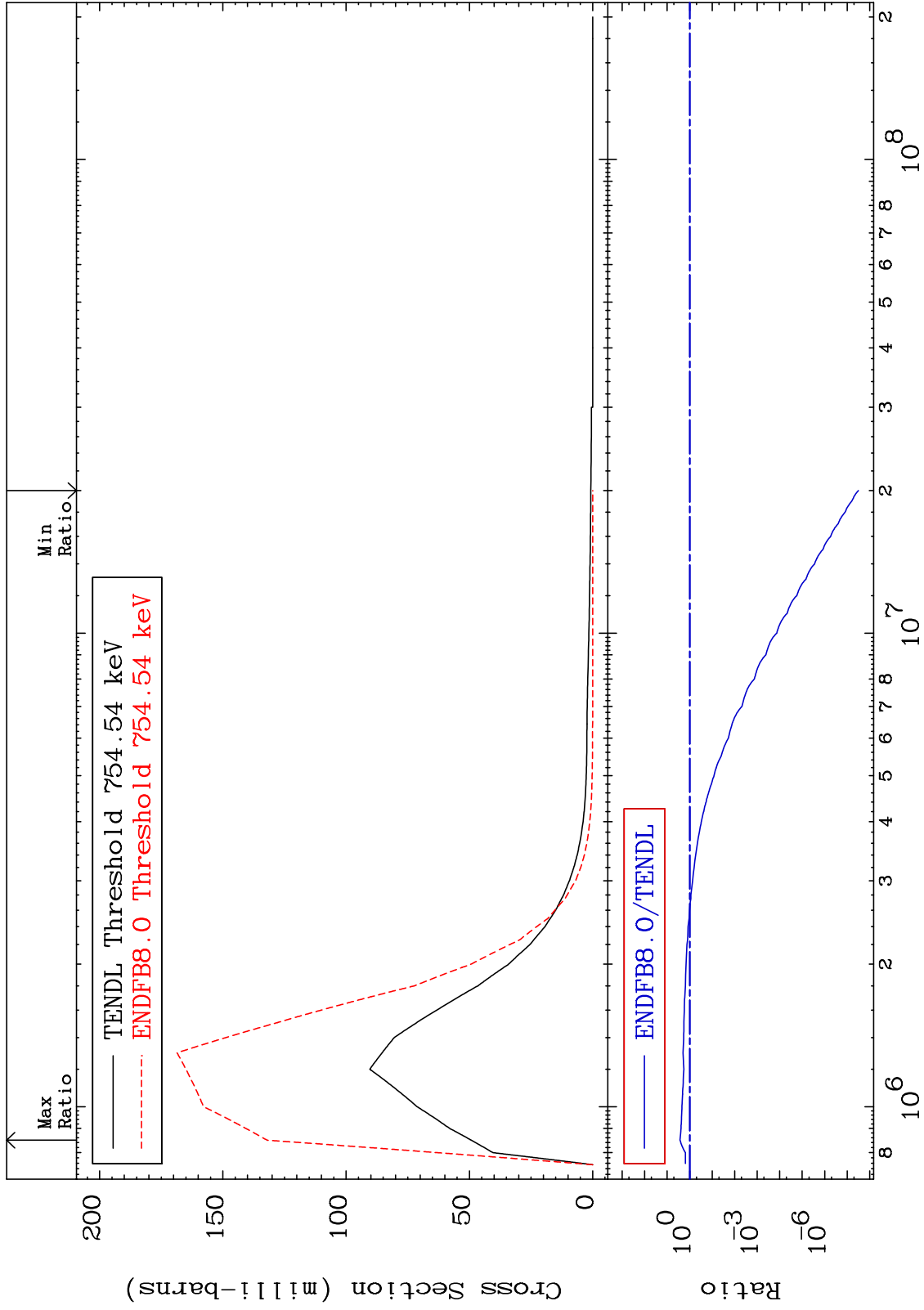
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To 168.2 %



19

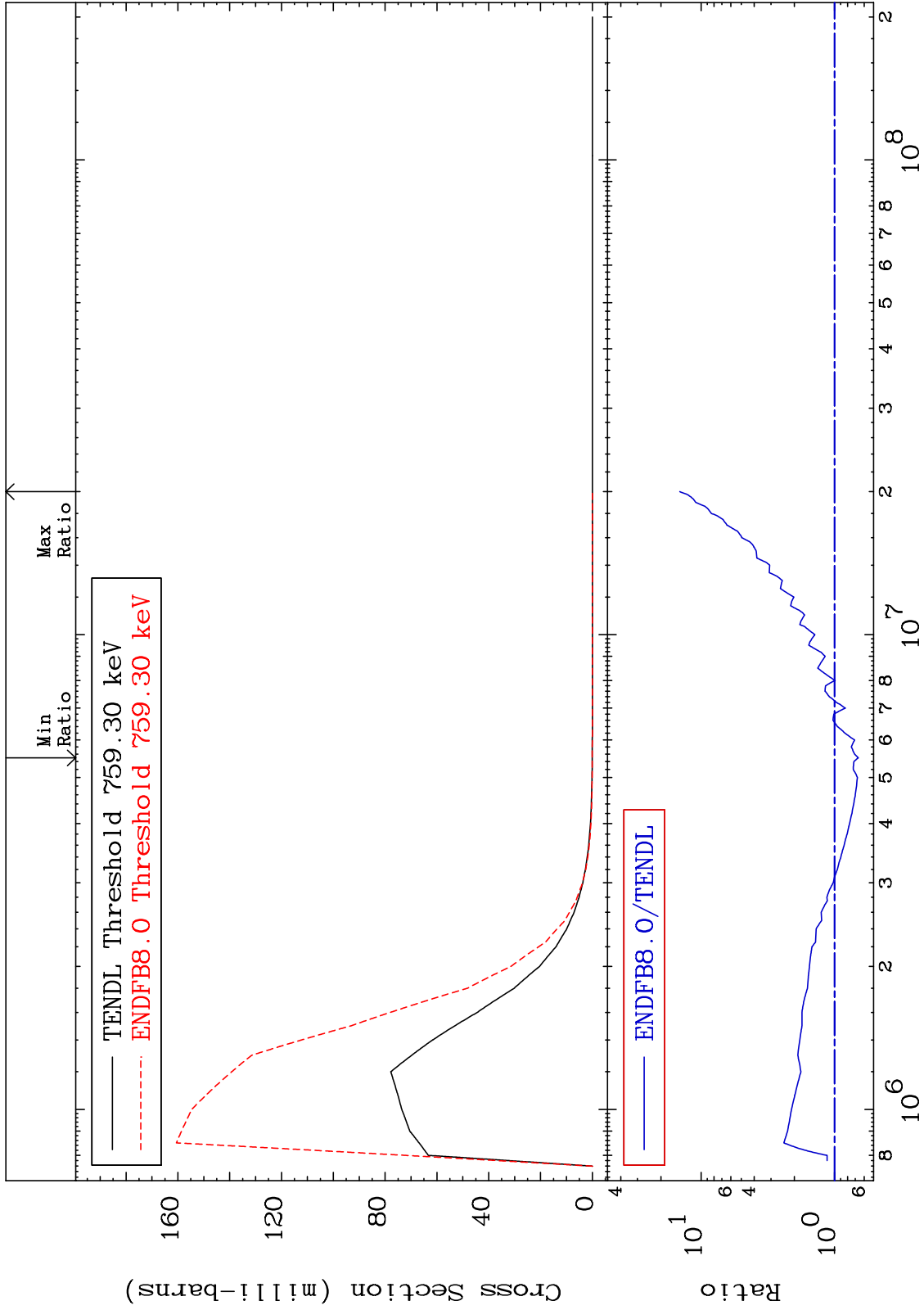
69-Tm-171

69-Tm-171

MAT 6931

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

69-Tm-171
-33.63 To 1344. %



20

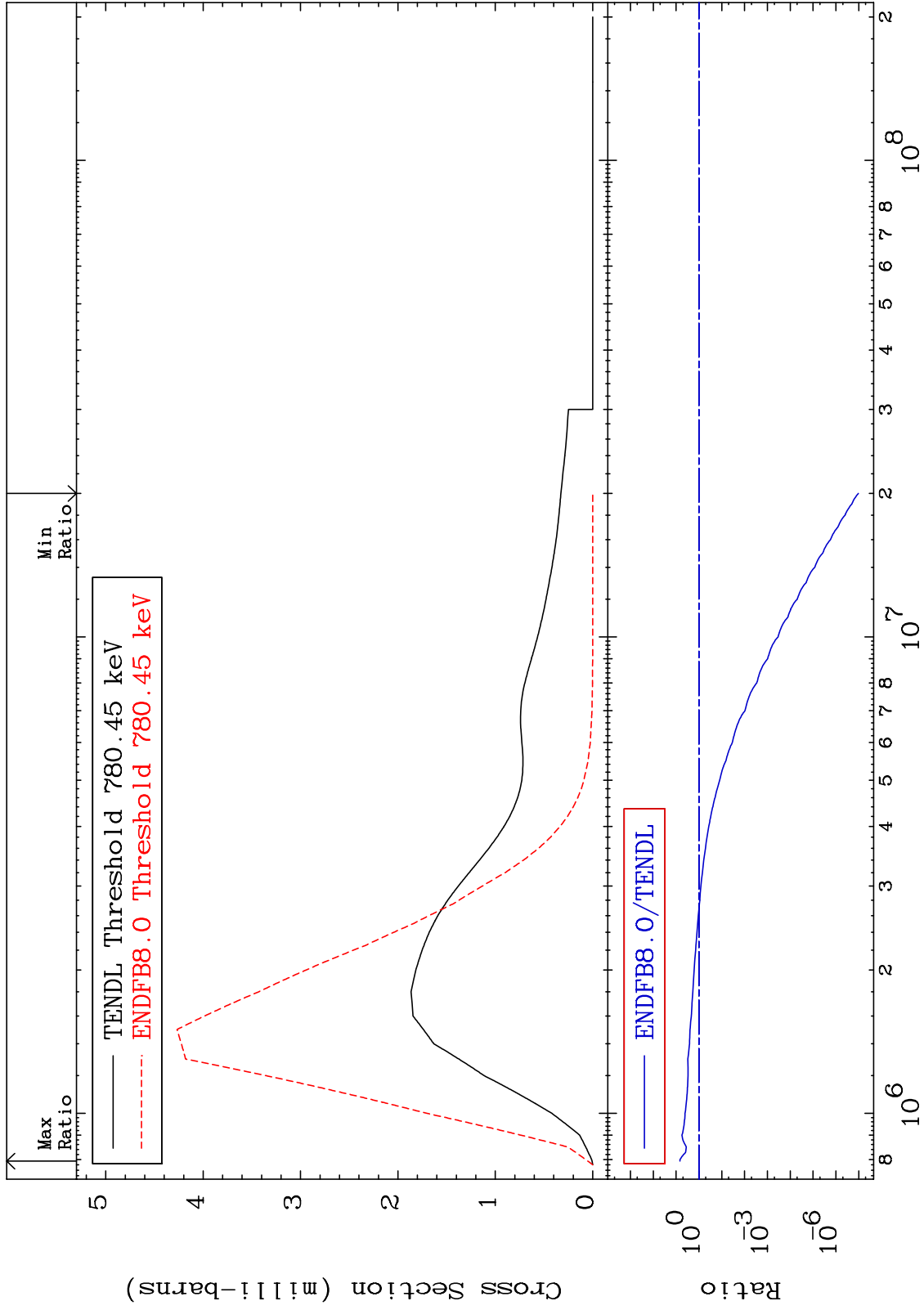
Incident Energy (eV)

69-Tm-171

MAT 6931

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

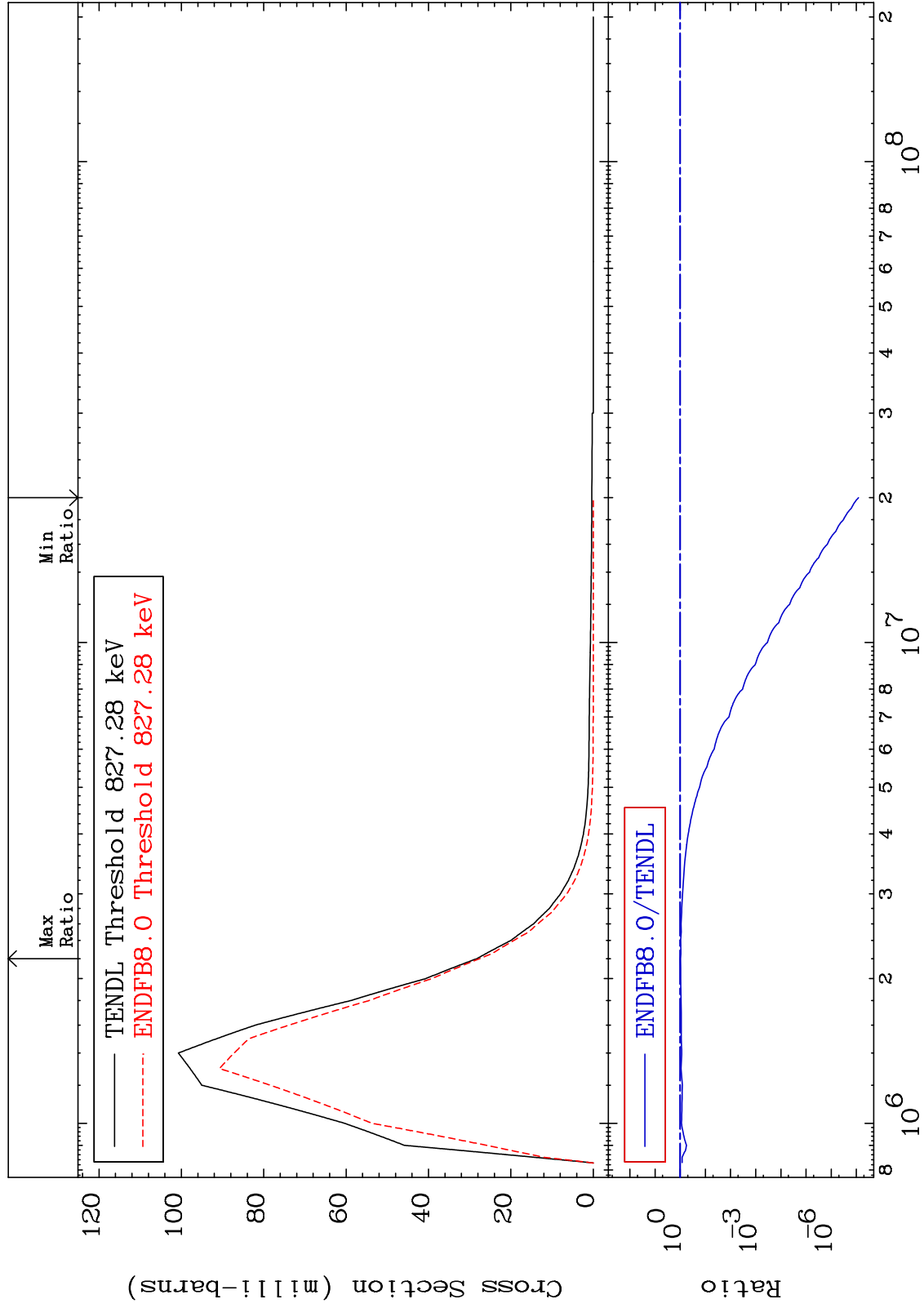
69-Tm-171
-100.0 To 572.0 %



MAT 6931

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

69-Tm-171
-100.0 To -2.202%



22

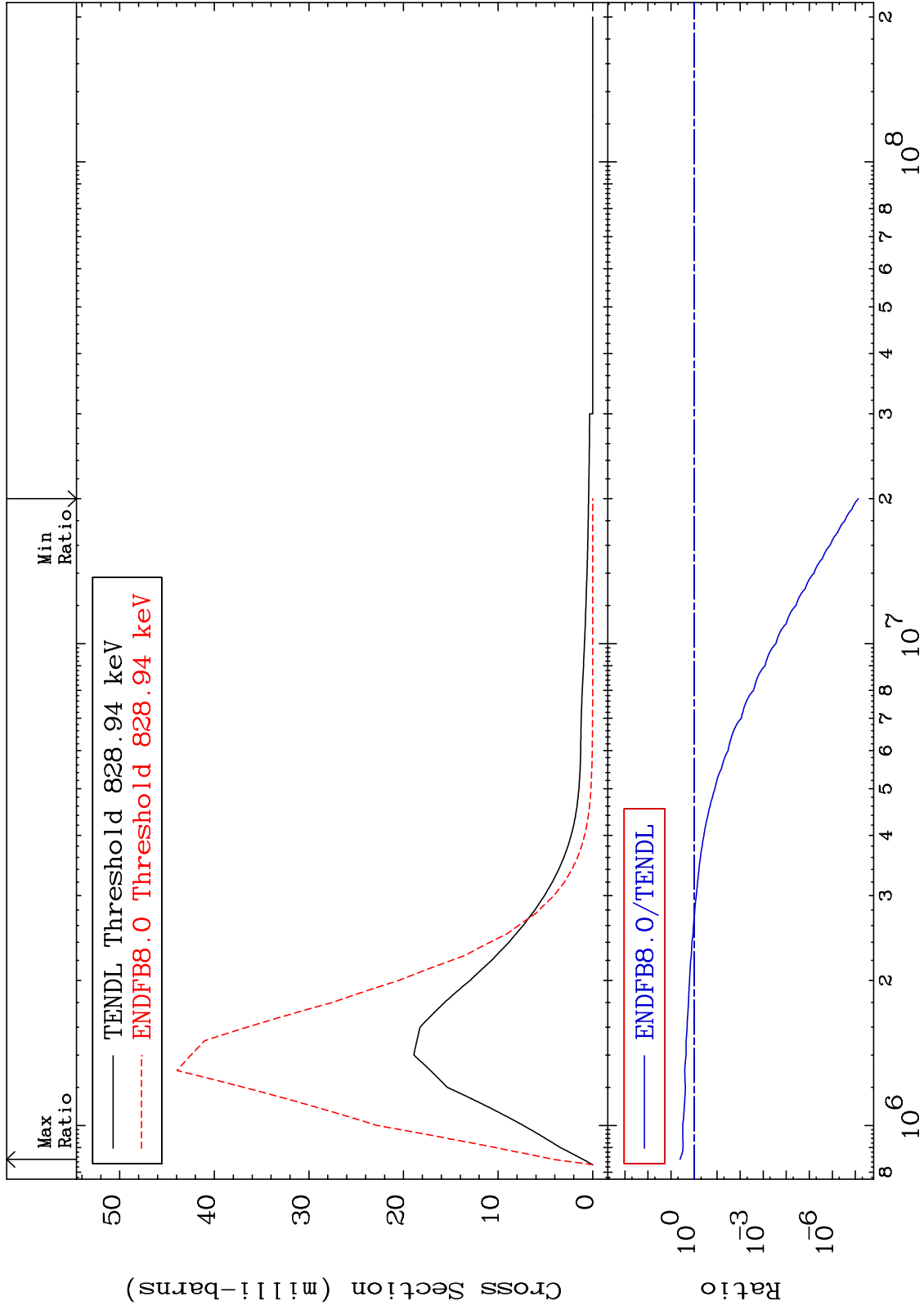
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To 307.1 %



23

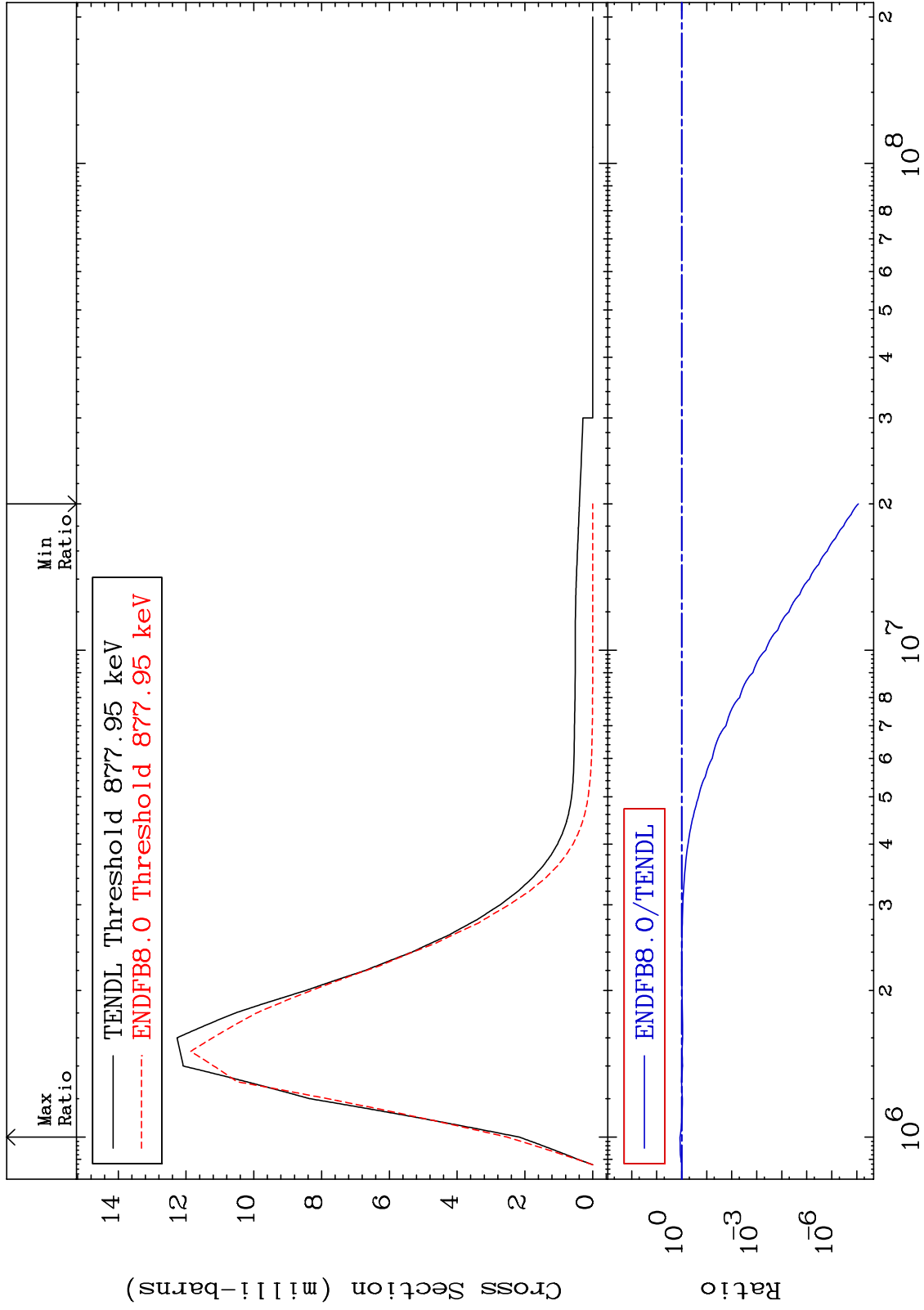
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To 16.76 %



24

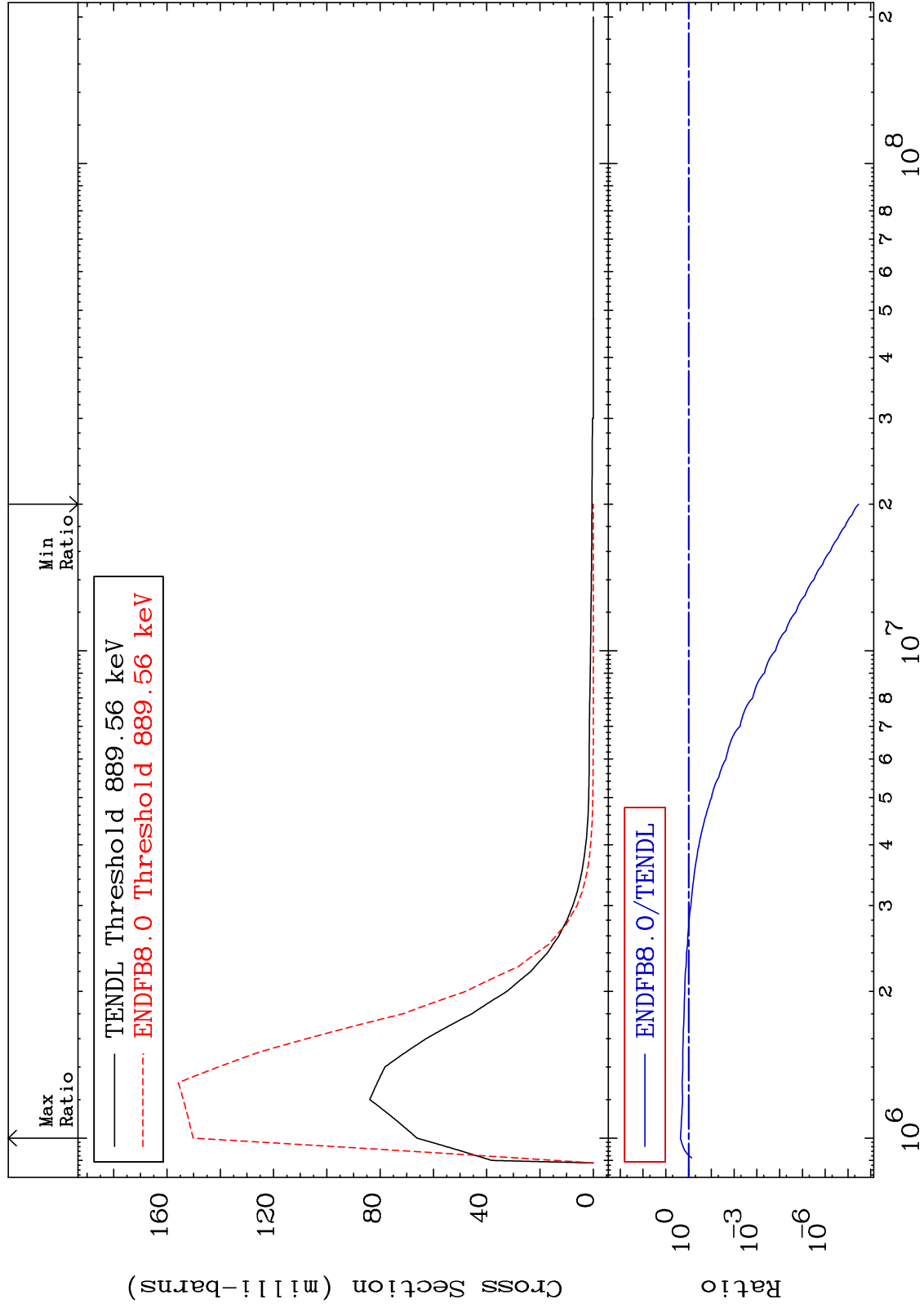
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To 127.0 %



25

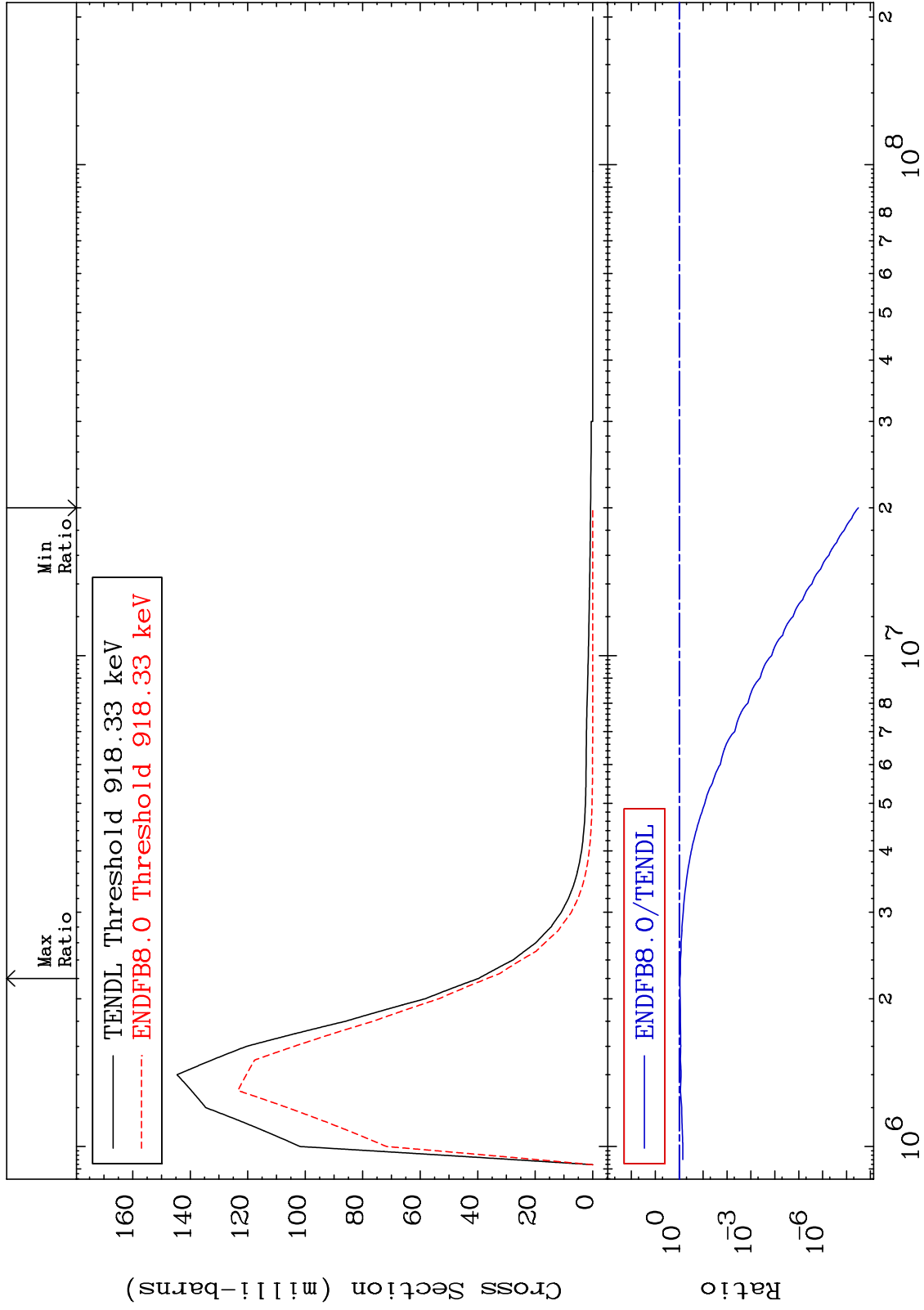
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To -7.680%



26

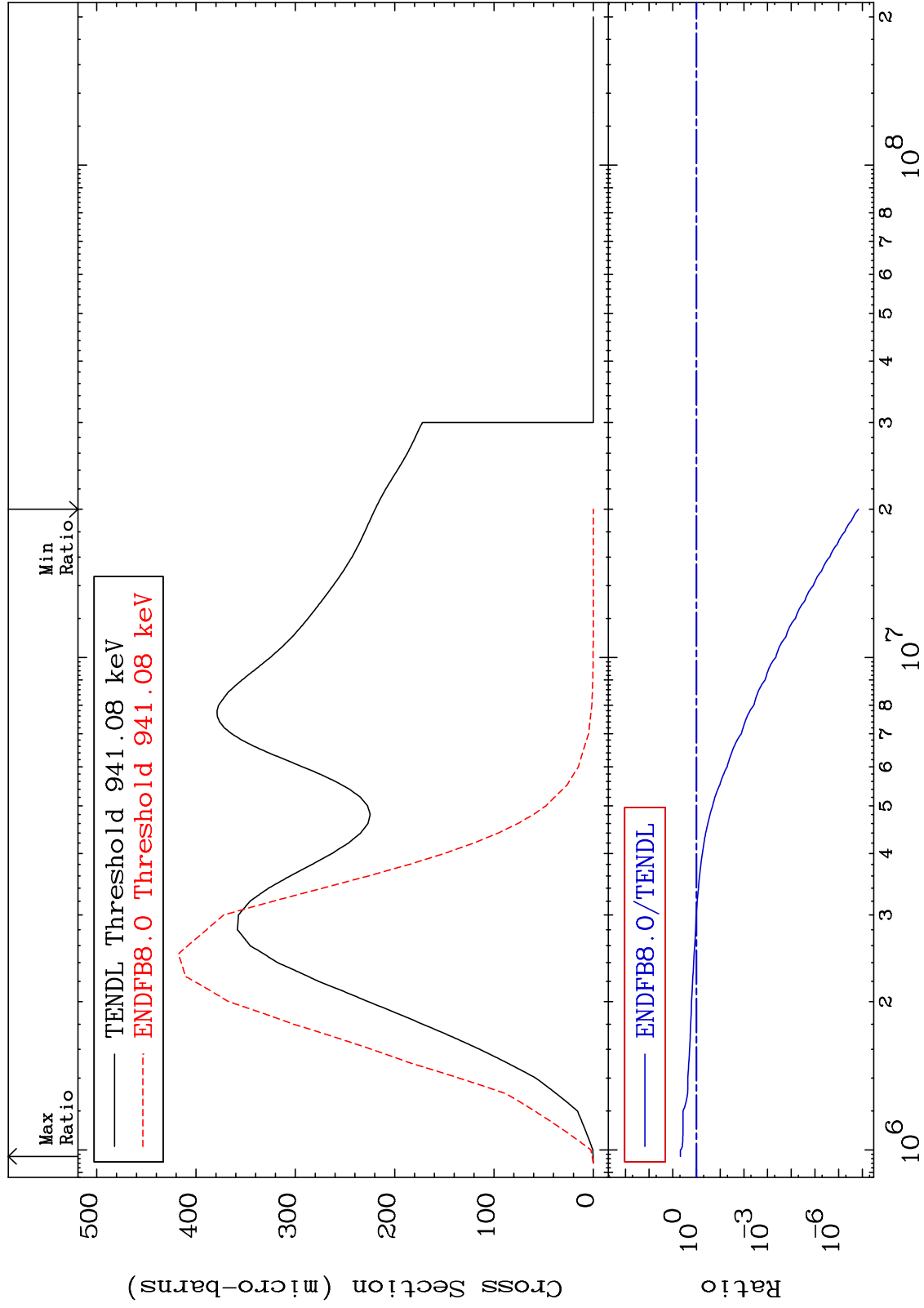
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To 375.9 %



27

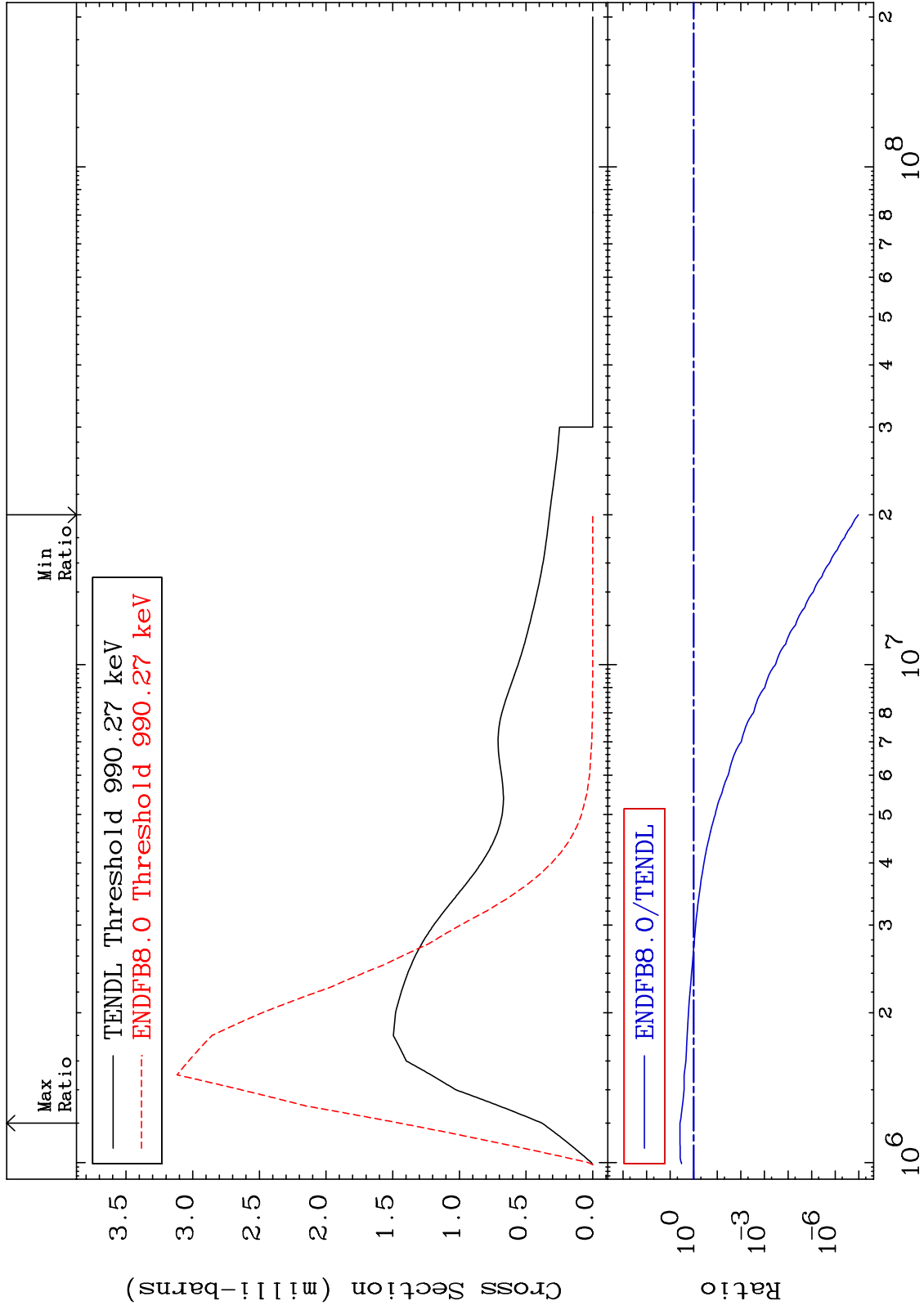
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To 281.8 %



28

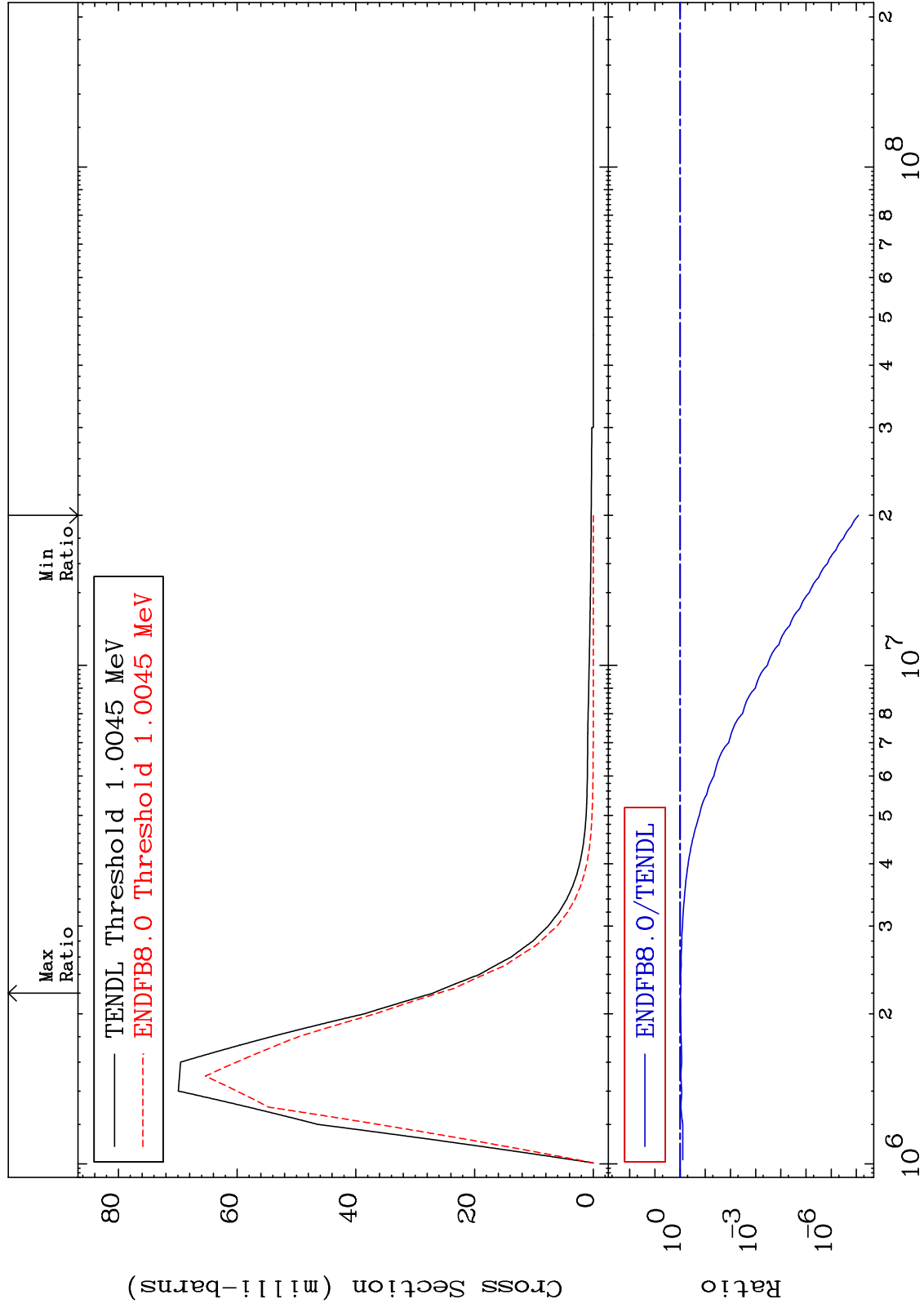
Incident Energy (eV)

69-Tm-171

MAT 6931

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

69-Tm-171
-100.0 To -3.381%



29

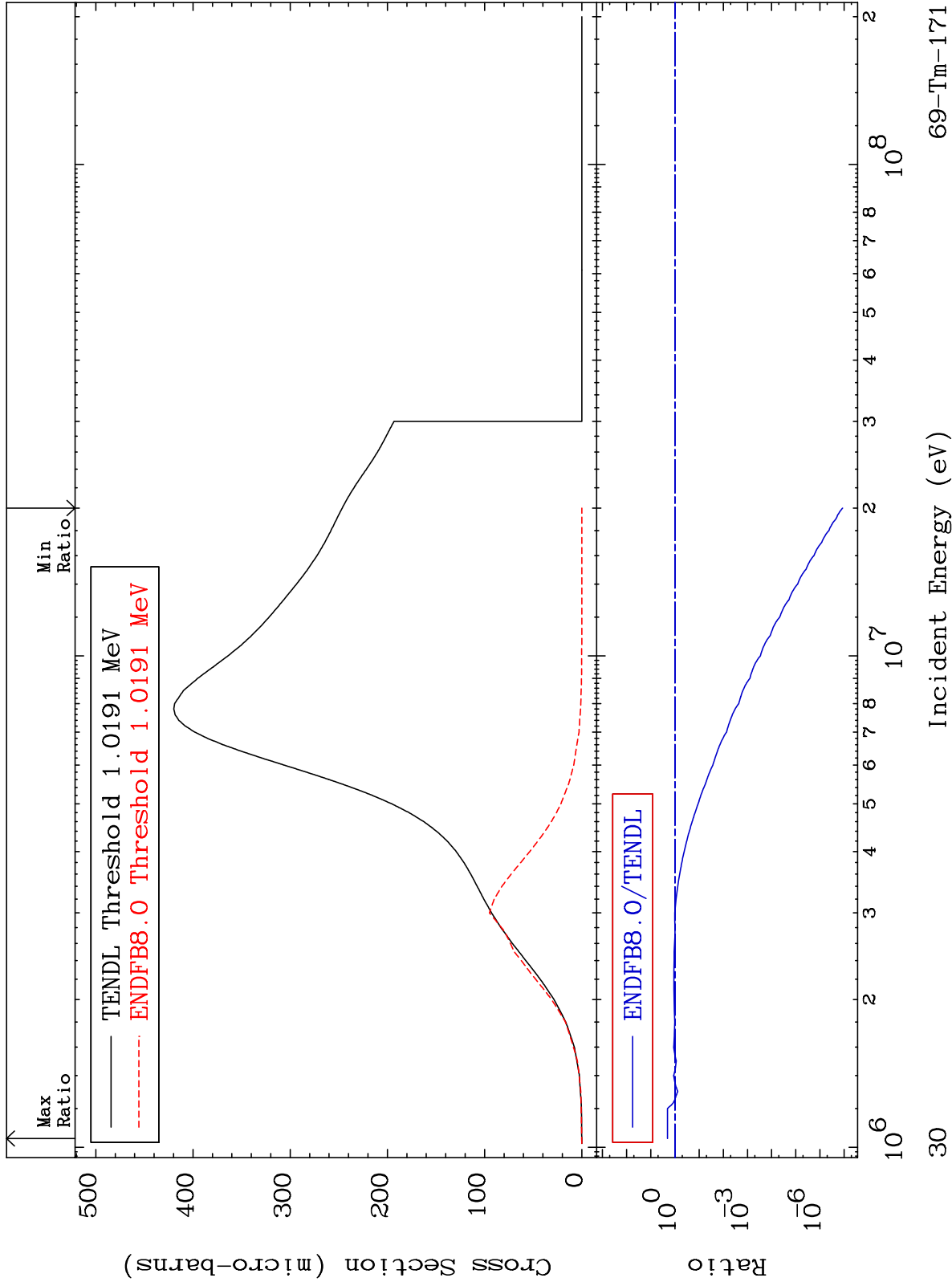
Incident Energy (eV)

69-Tm-171

MAT 6931

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

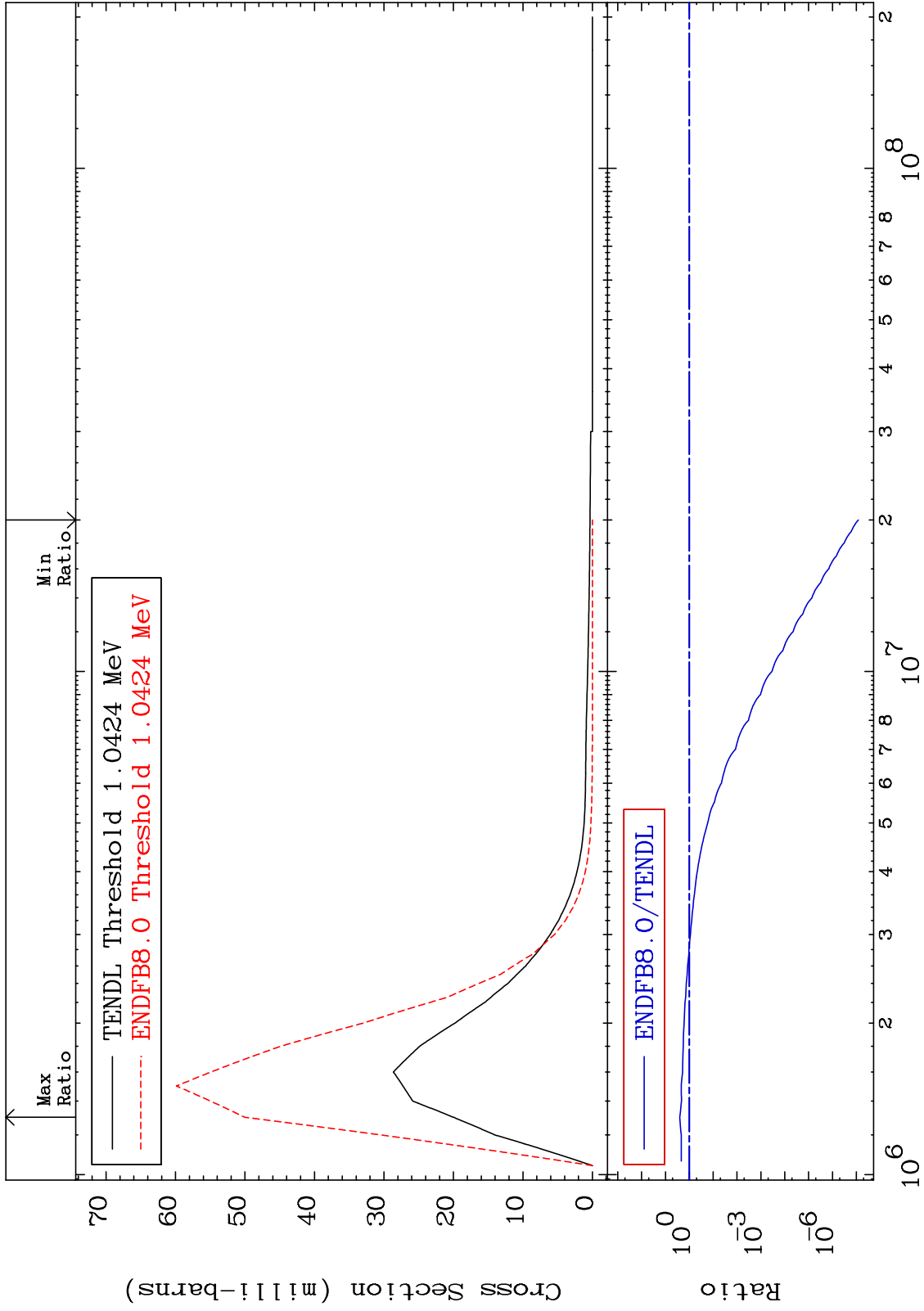
69-Tm-171
-100.0 To 101.5 %



MAT 6931

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

69-Tm-171
-100.0 To 150.4 %



31

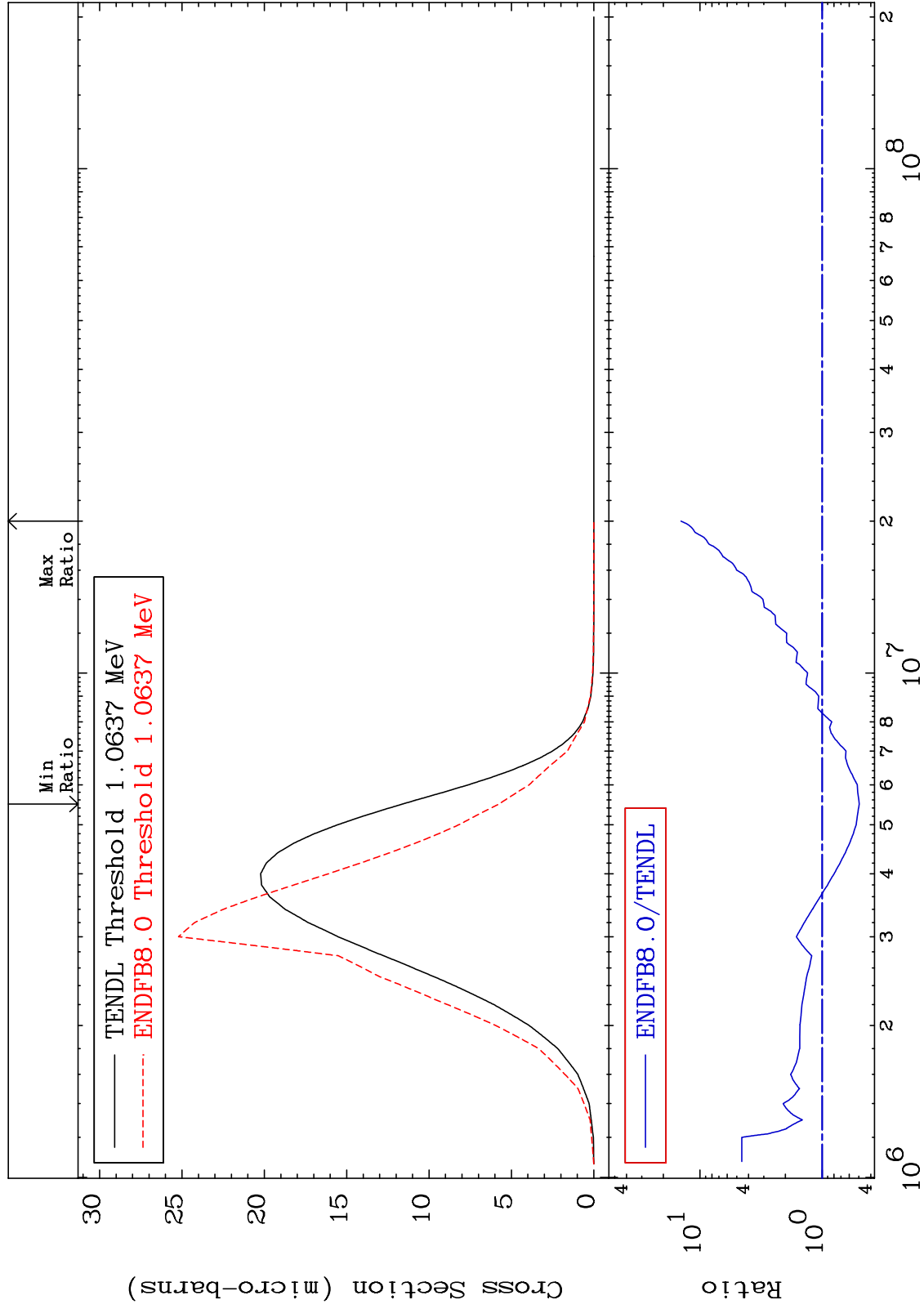
69-Tm-171

69-Tm-171

MAT 6931

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

69-Tm-171
-50.41 To 1330. %



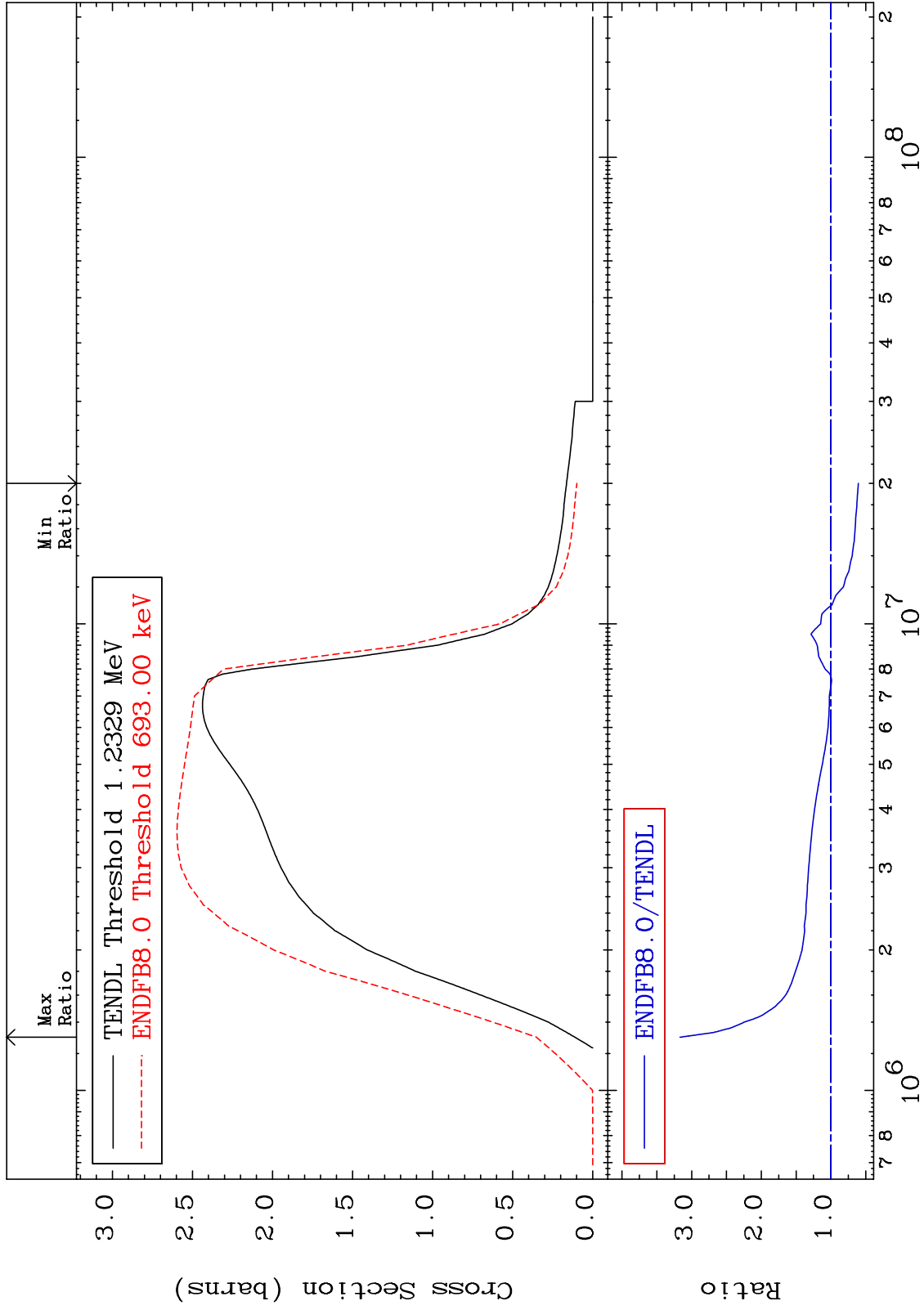
32

69-Tm-171

MAT 6931

(n, n') Continuum
Cross Section

69-Tm-171
-39.45 To 216.7 %



33

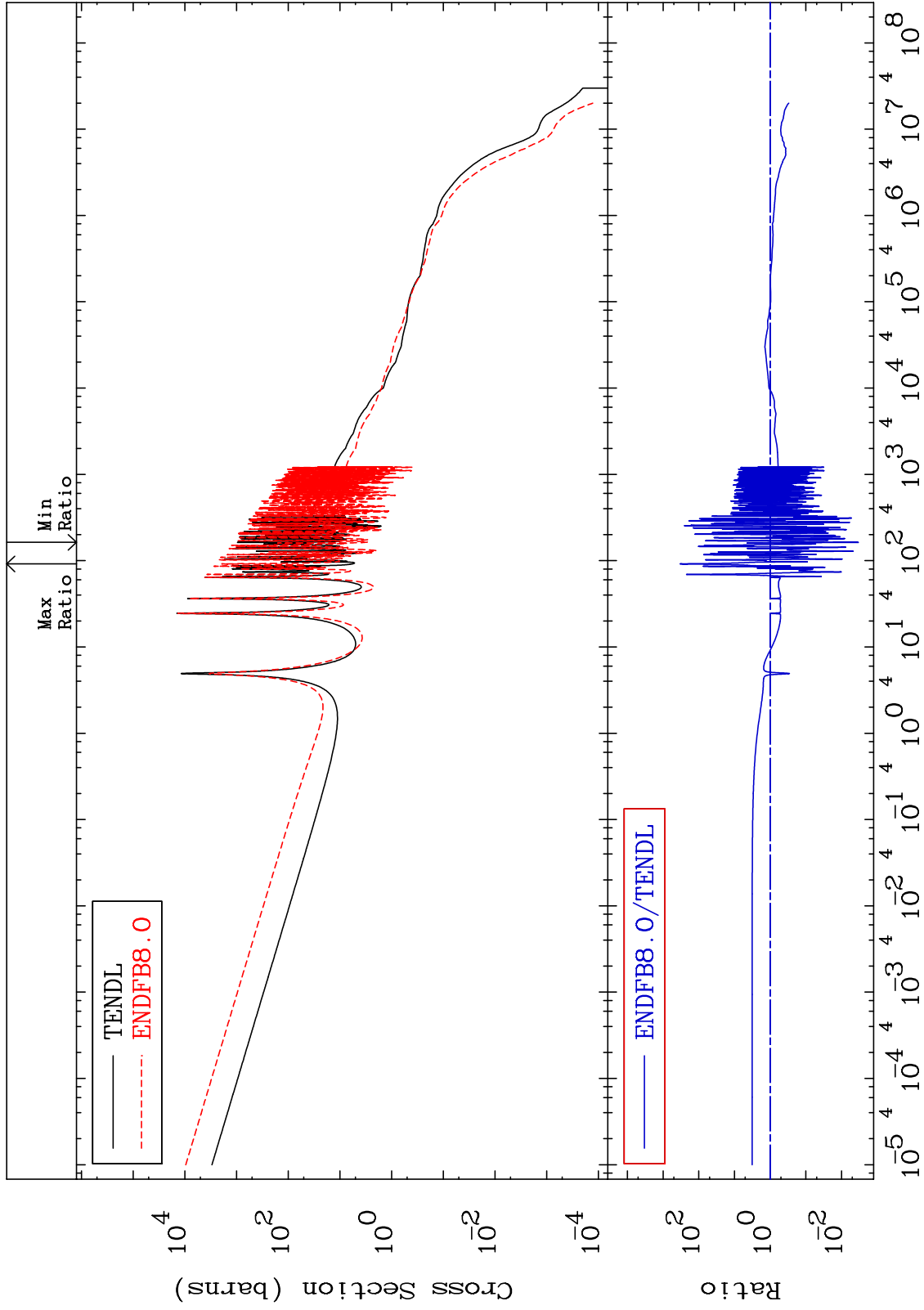
Incident Energy (eV)

69-Tm-171

MAT 6931

(n, γ)
Cross Section

69-Tm-171
-99.66 To 9999. %



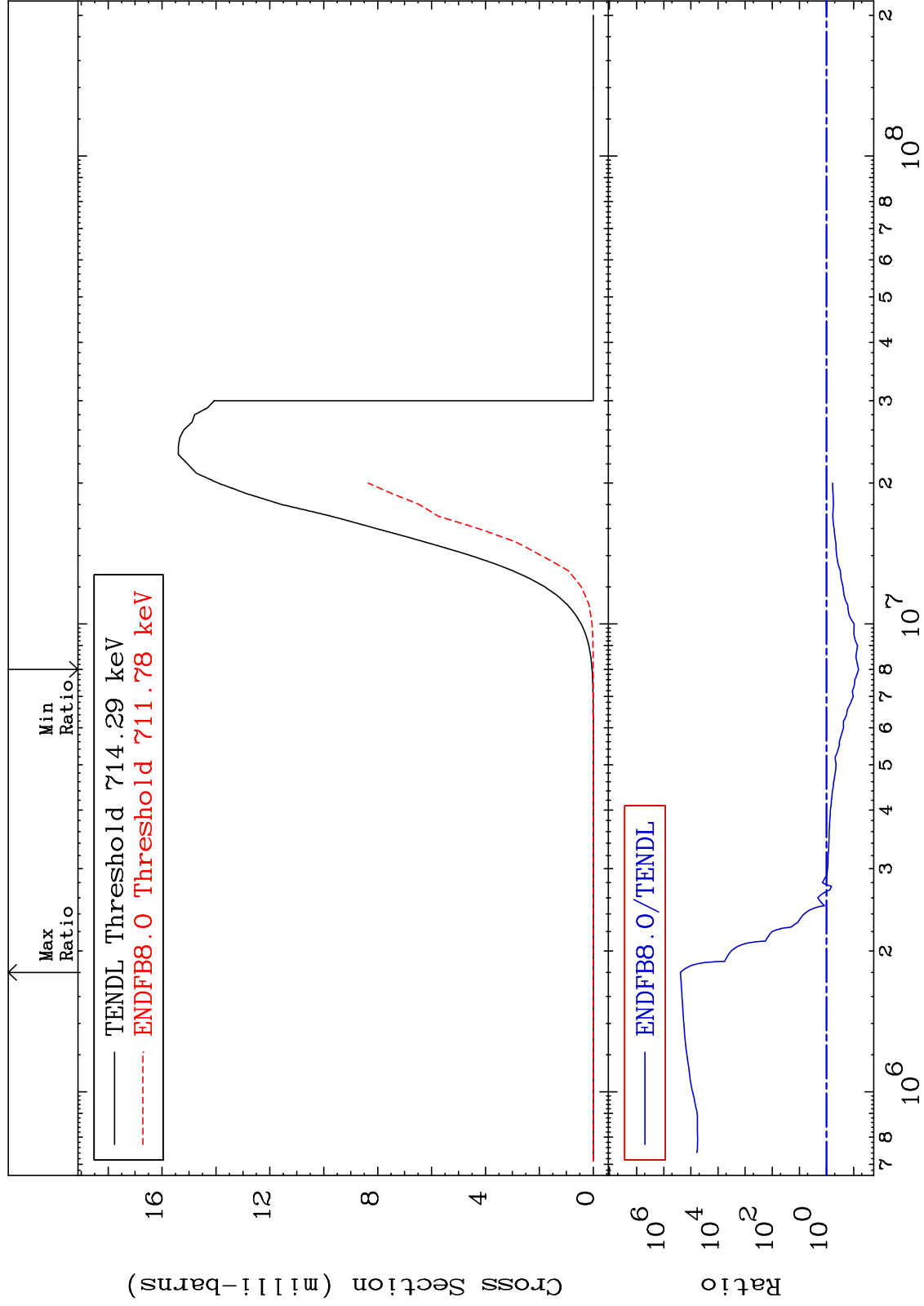
MAT 6931

(n, p)

69-Tm-171

Cross Section

-93.37 To 9999. %



35

Incident Energy (eV)

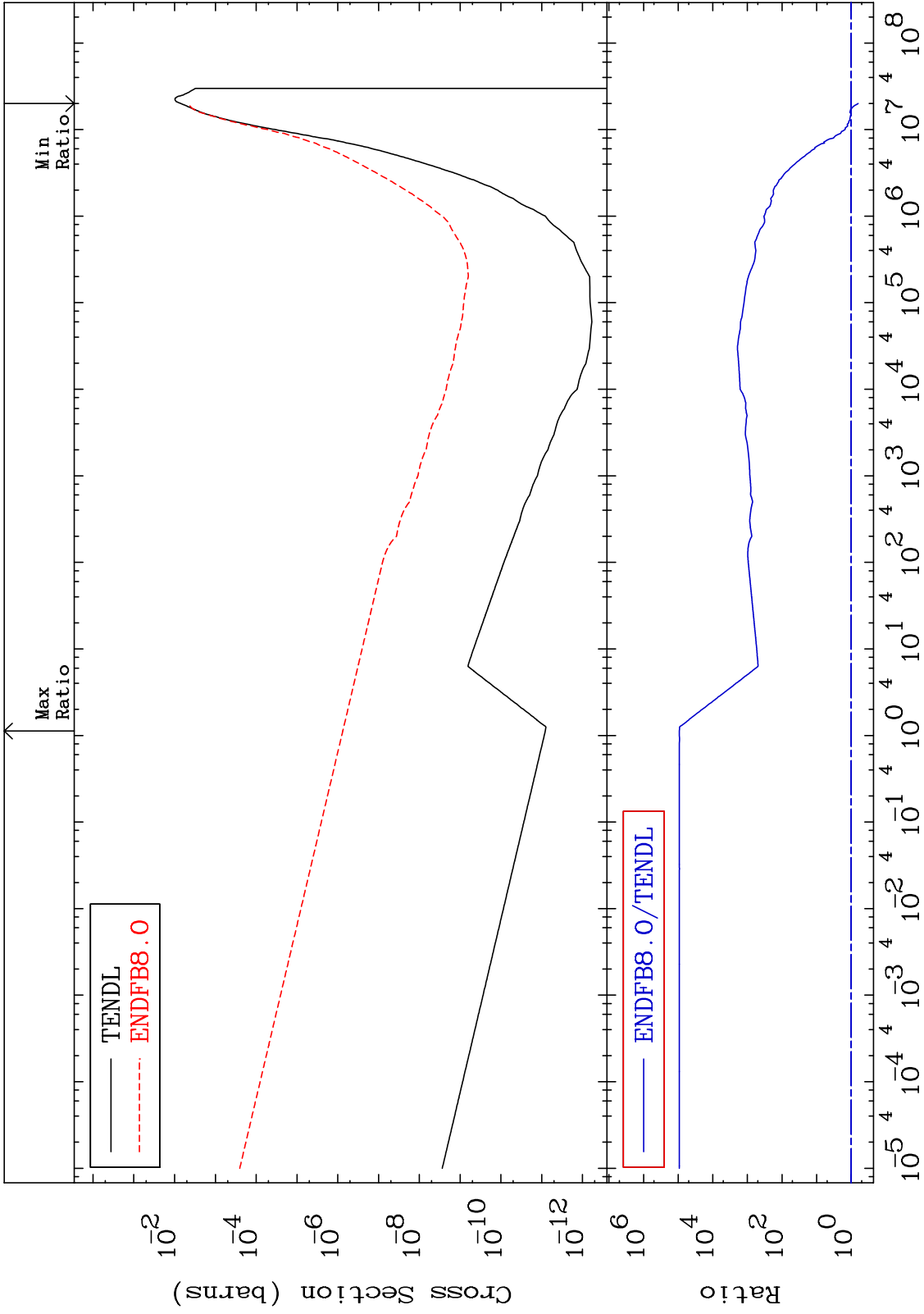
69-Tm-171

MAT 6931

69-Tm-171

-37.09 To 9999. %

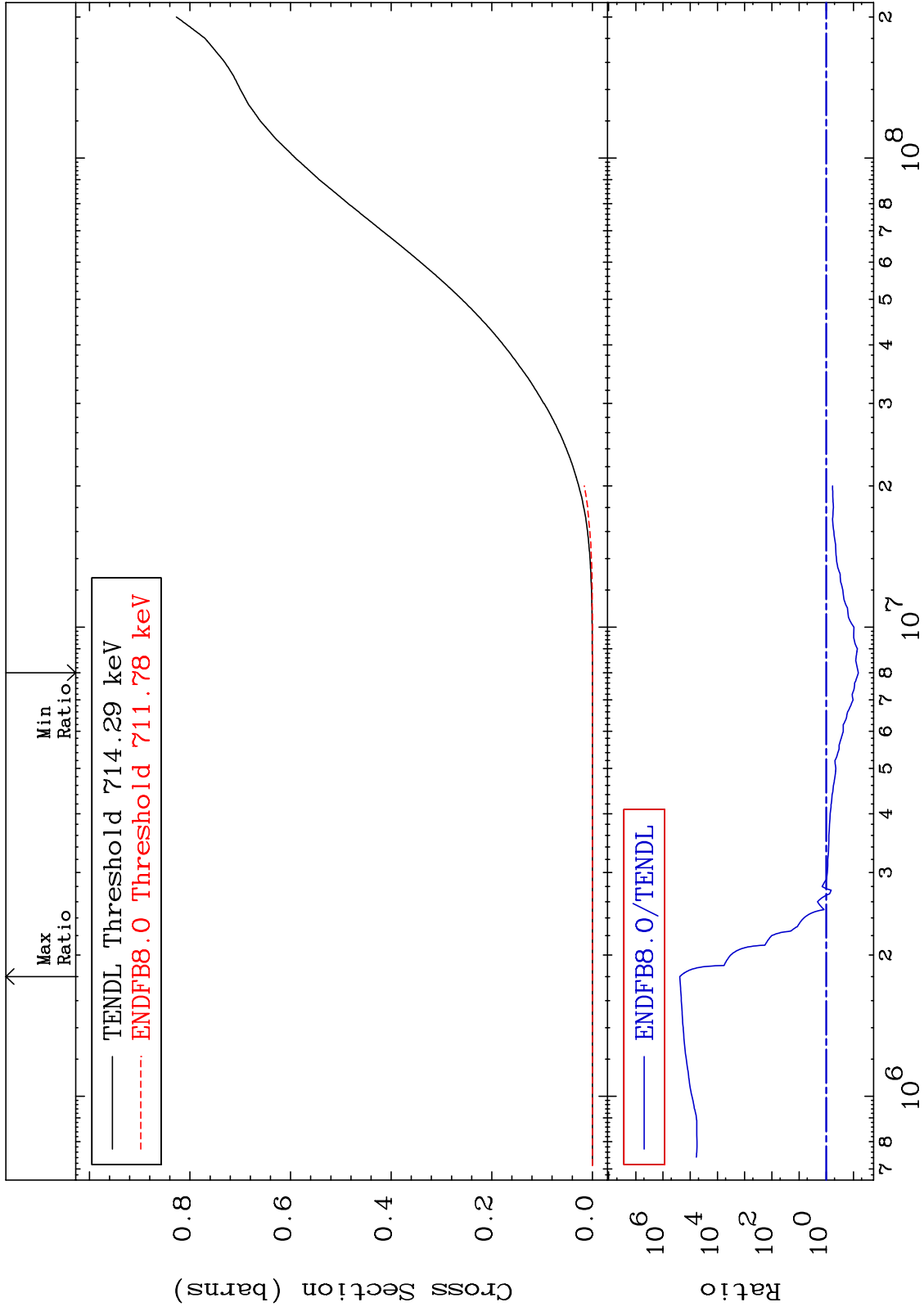
(n, α)
Cross Section



MAT 6931

Hydrogen Production
Cross Section

69-Tm-171
-93.37 To 9999. %



37

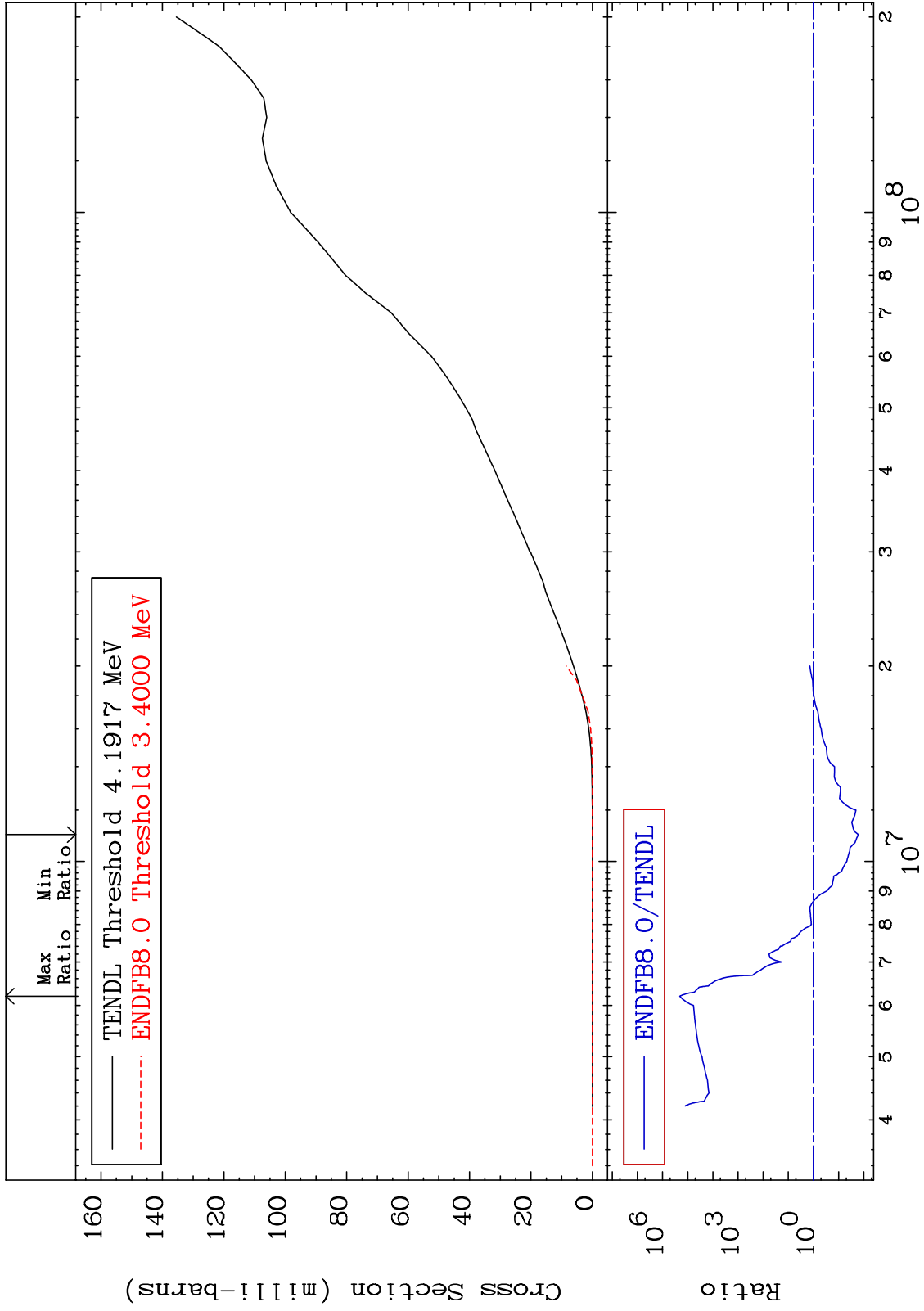
Incident Energy (eV)

69-Tm-171

MAT 6931

Deuterium Production
Cross Section

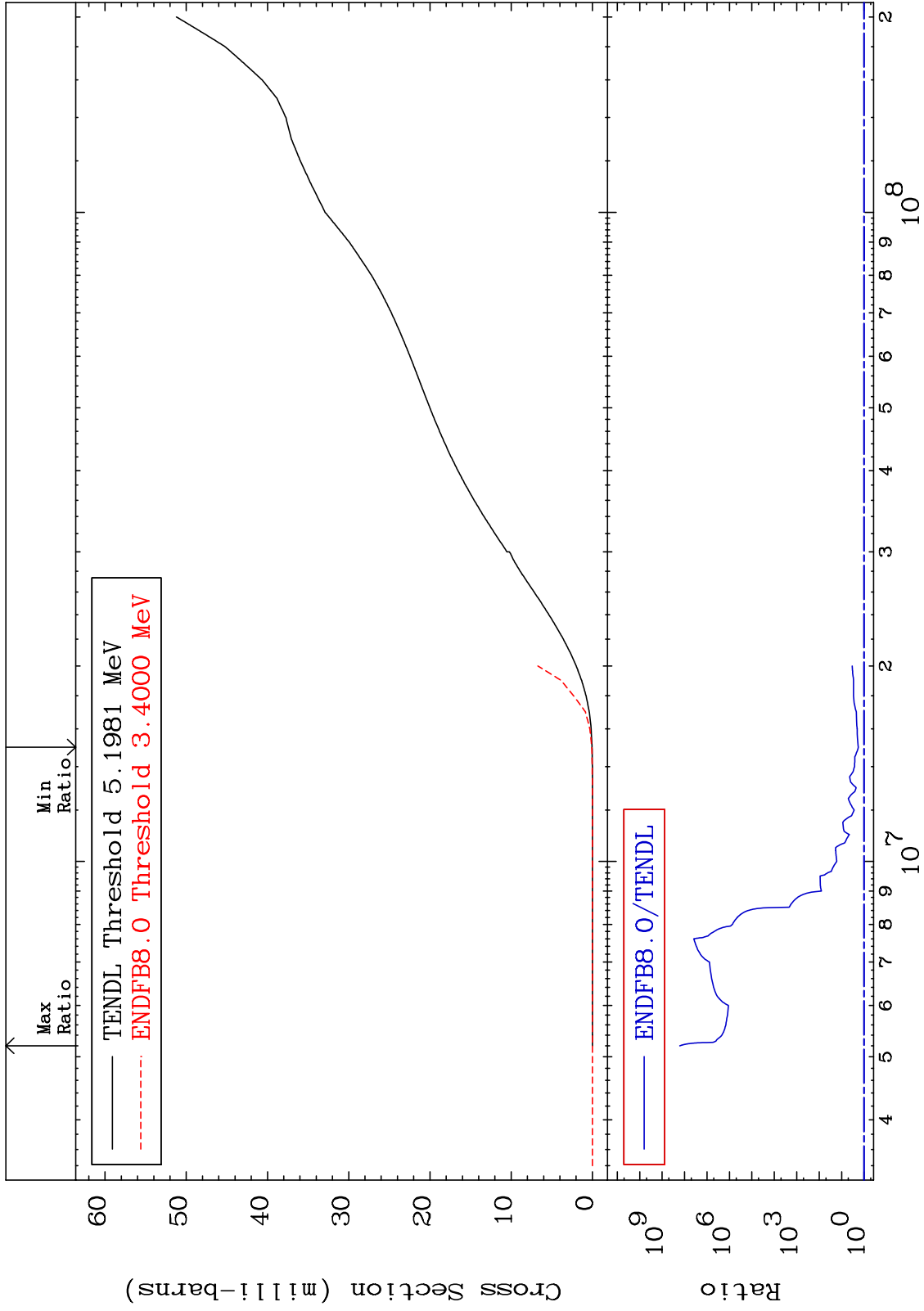
69-Tm-171
-98.35 To 9999. %



MAT 6931

Tritium Production
Cross Section

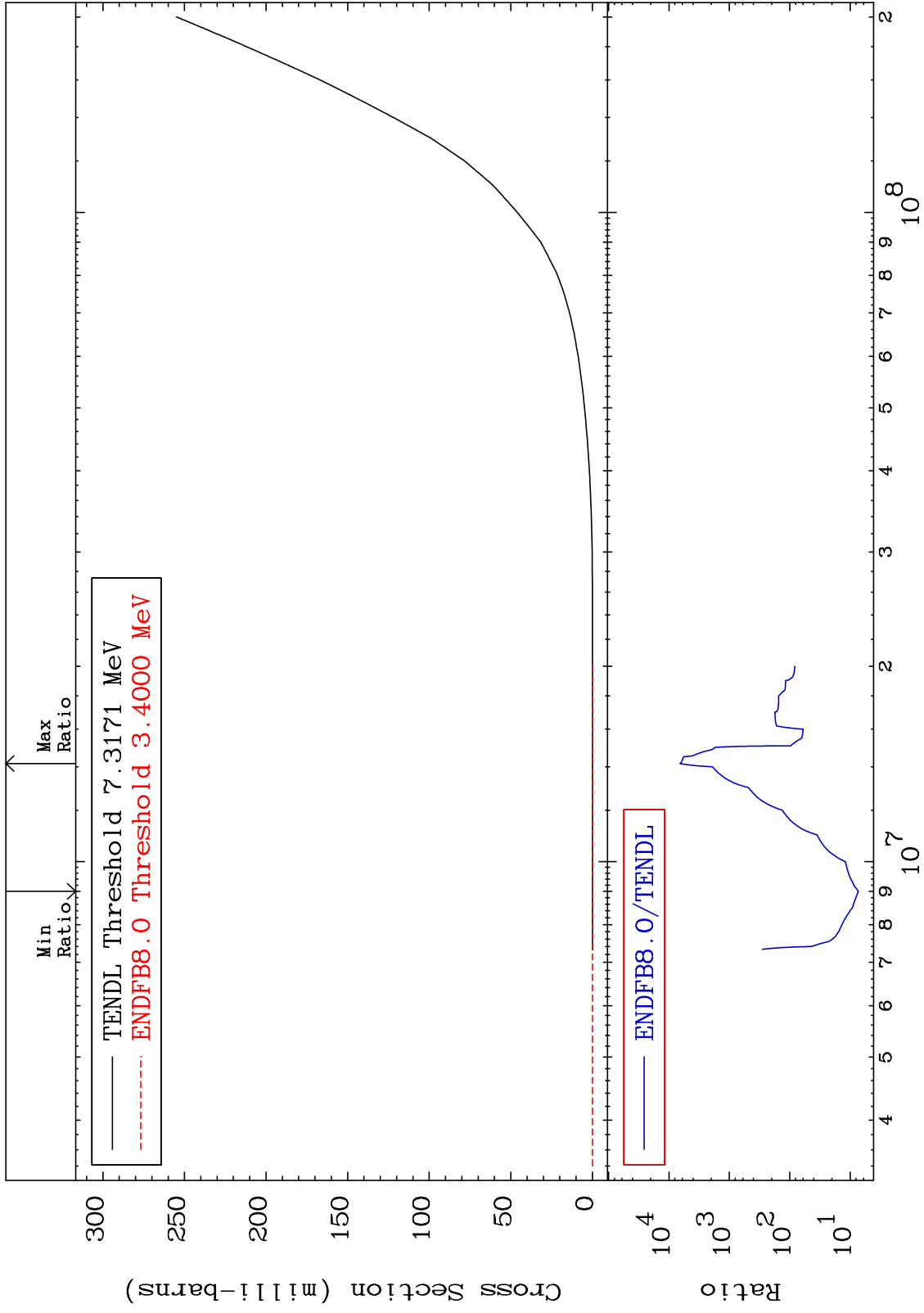
69-Tm-171
79.32 To 9999. %



MAT 6931

He-3 Production
Cross Section

69-Tm-171
631.2 To 9999. %



40

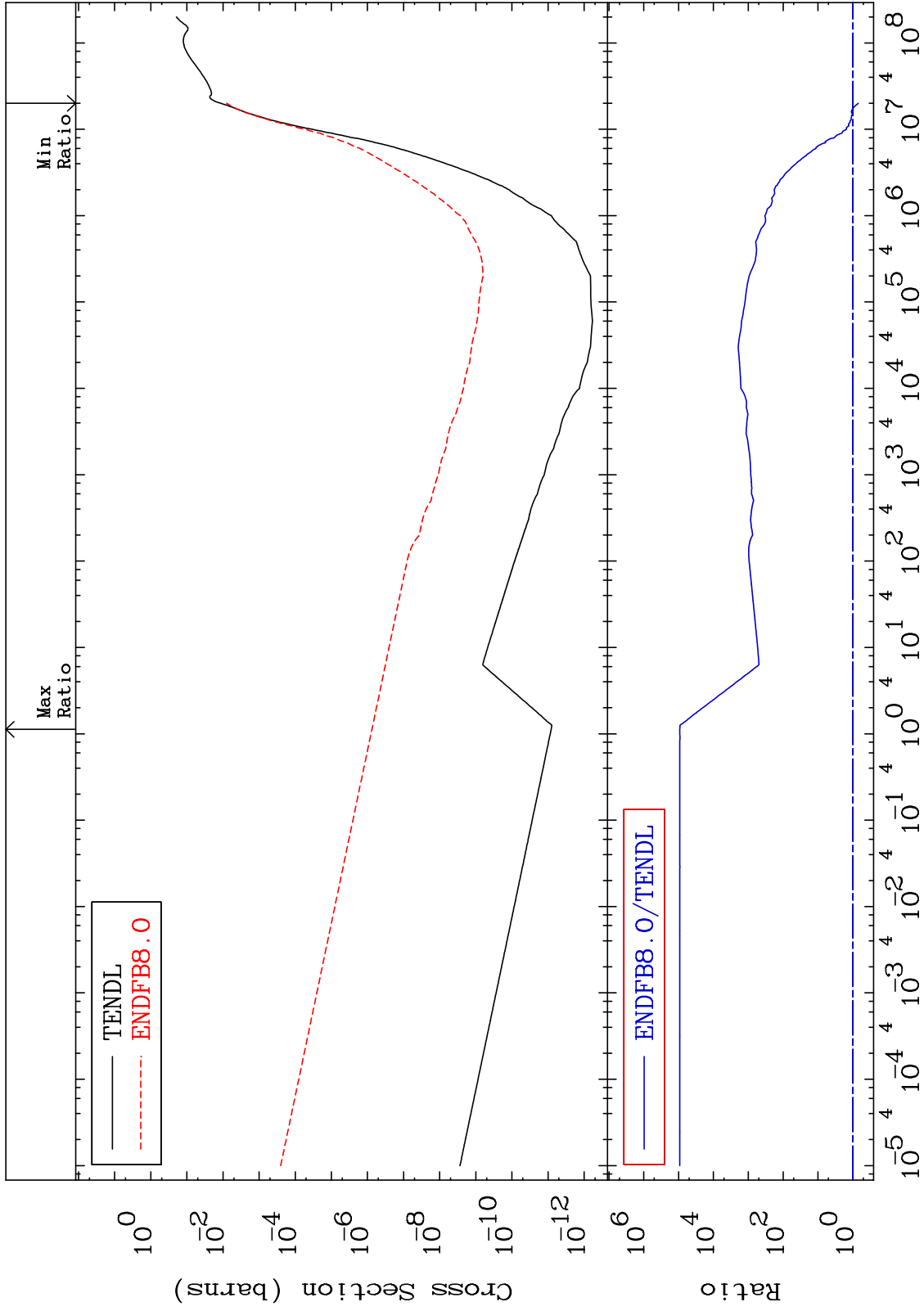
Incident Energy (eV)

69-Tm-171

MAT 6931

He-4 Production
Cross Section

69-Tm-171
-30.66 To 9999. %



41

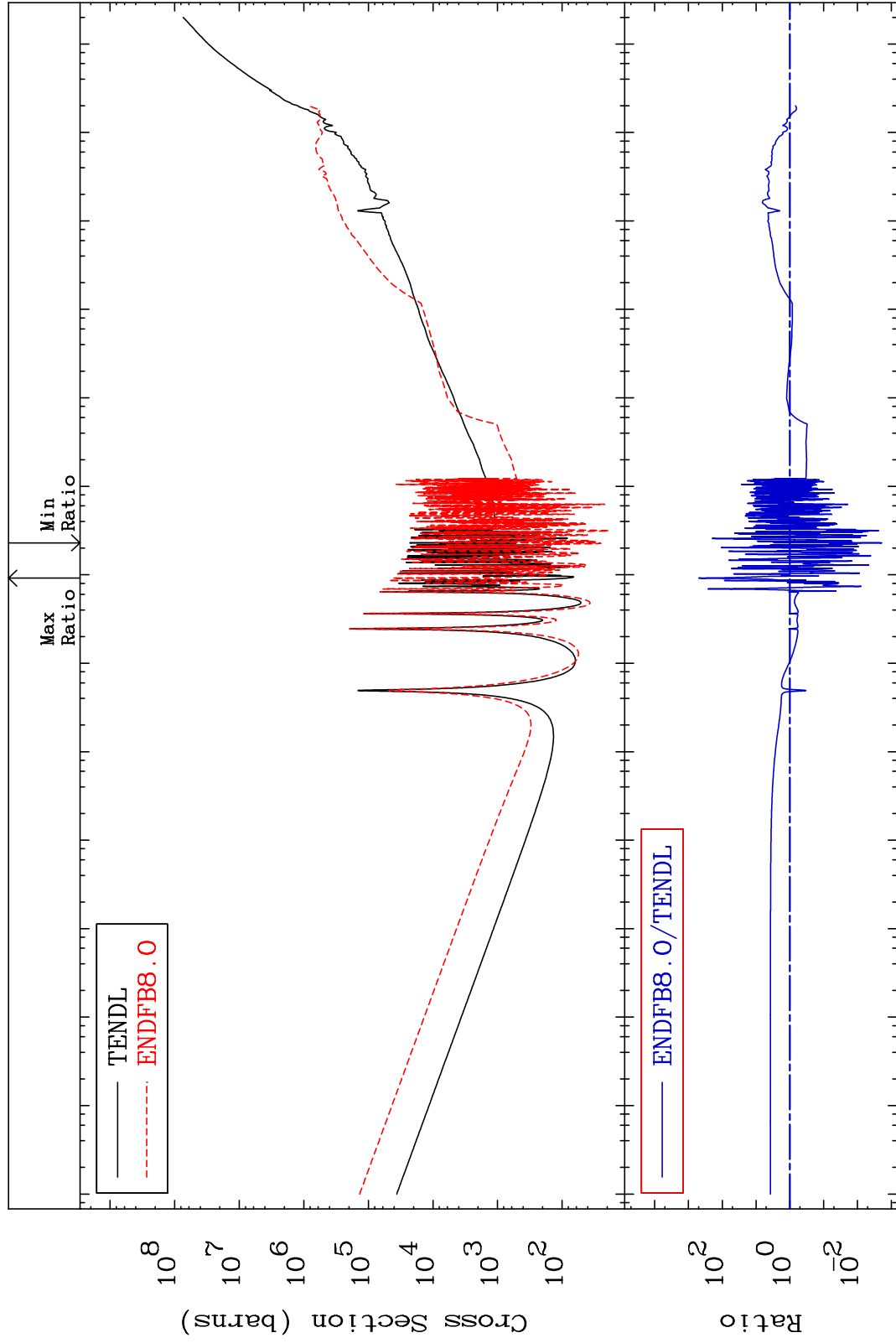
Incident Energy (eV)

69-Tm-171

MAT 6931

Kerma total (eV-barns)
Cross Section

69-Tm-171
-99.81 To 9999. %



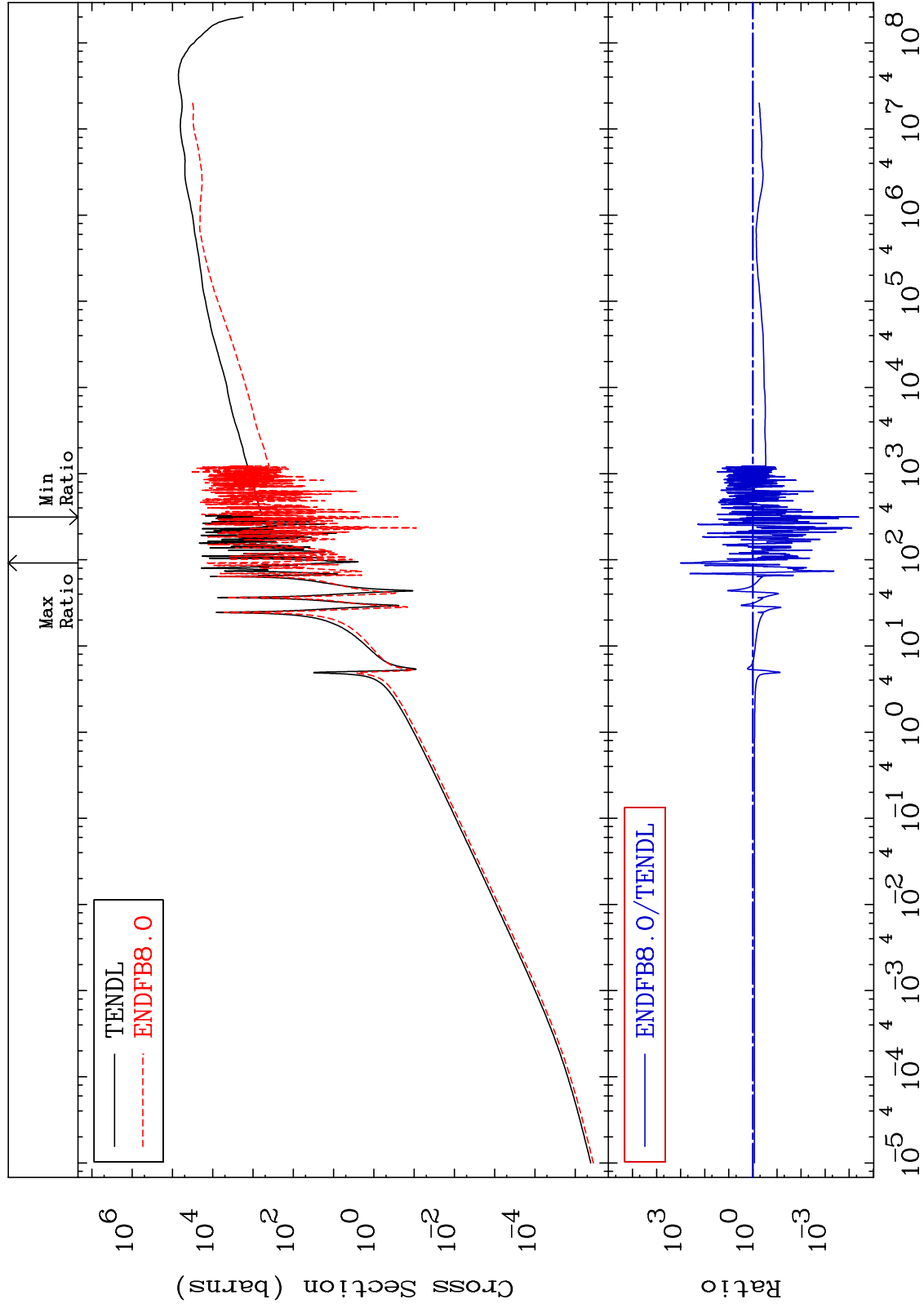
42

69-Tm-171

MAT 6931

Kerma elastic
Cross Section

69-Tm-171
-100.0 To 9999. %



43

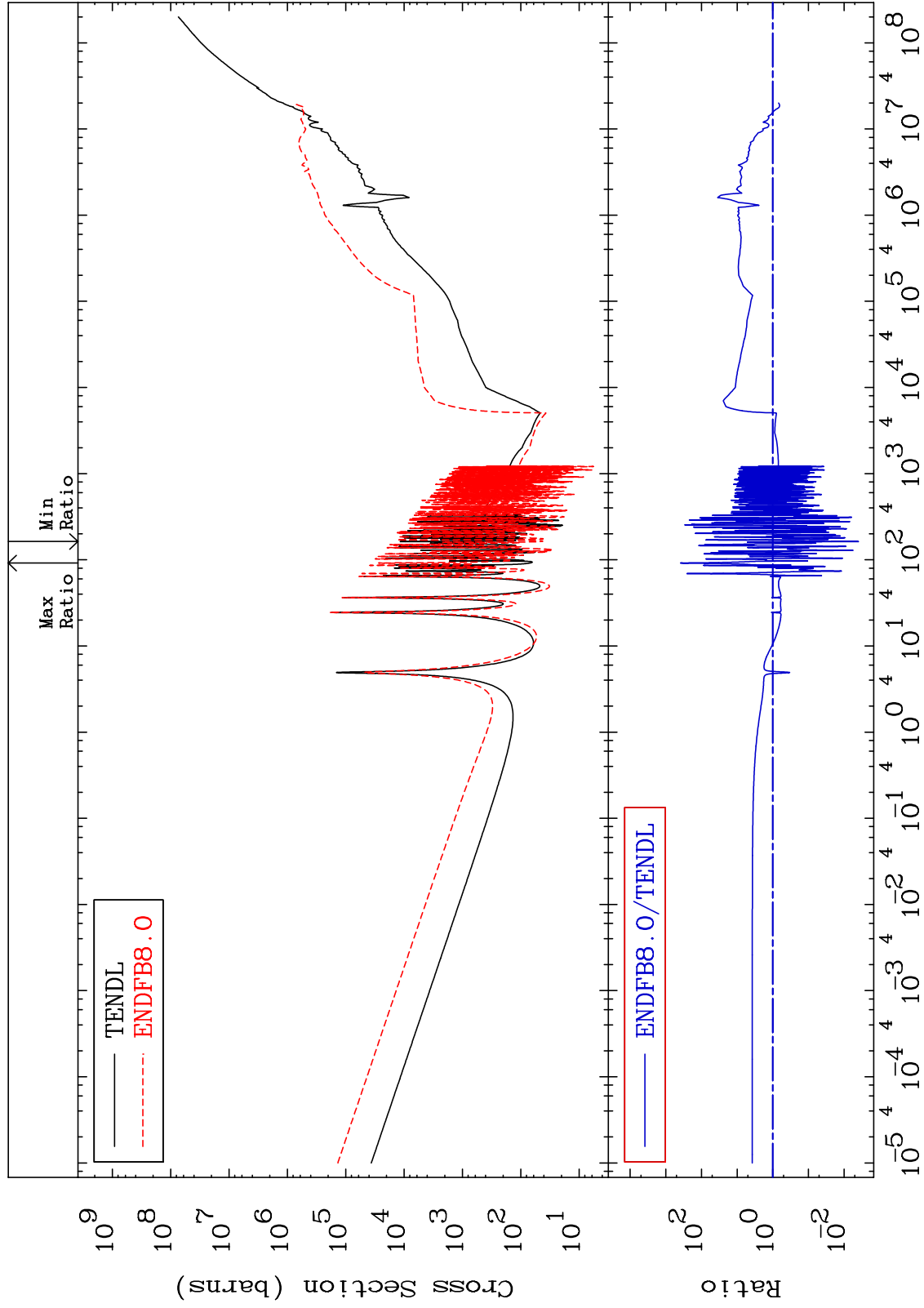
Incident Energy (eV)

69-Tm-171

MAT 6931

Kerma non-elastic (all but mt2)
Cross Section

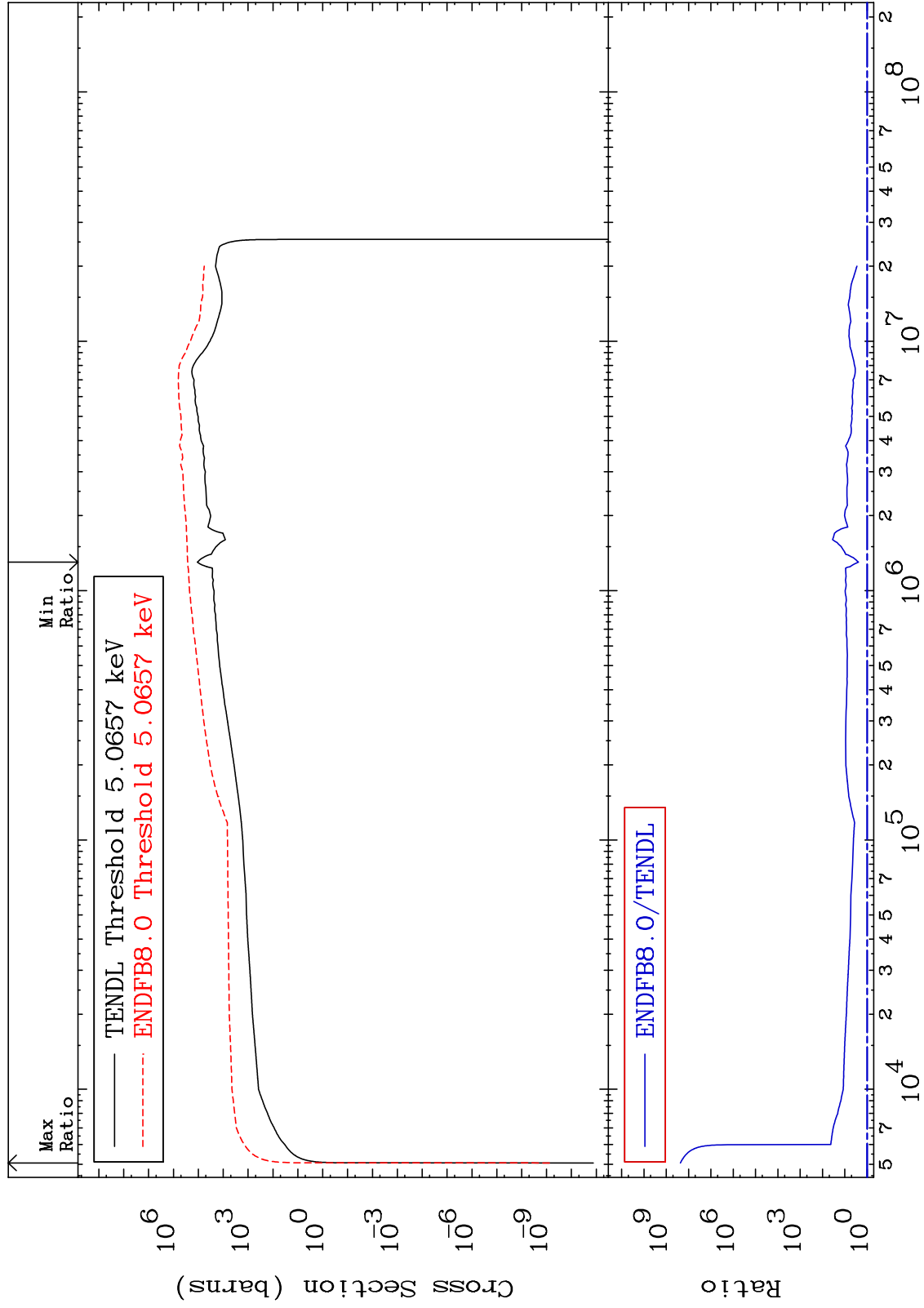
69-Tm-171
-99.61 To 9999. %



MAT 6931

Kerma inelastic (mt51-91)
Cross Section

69-Tm-171
143.6 To 9999. %



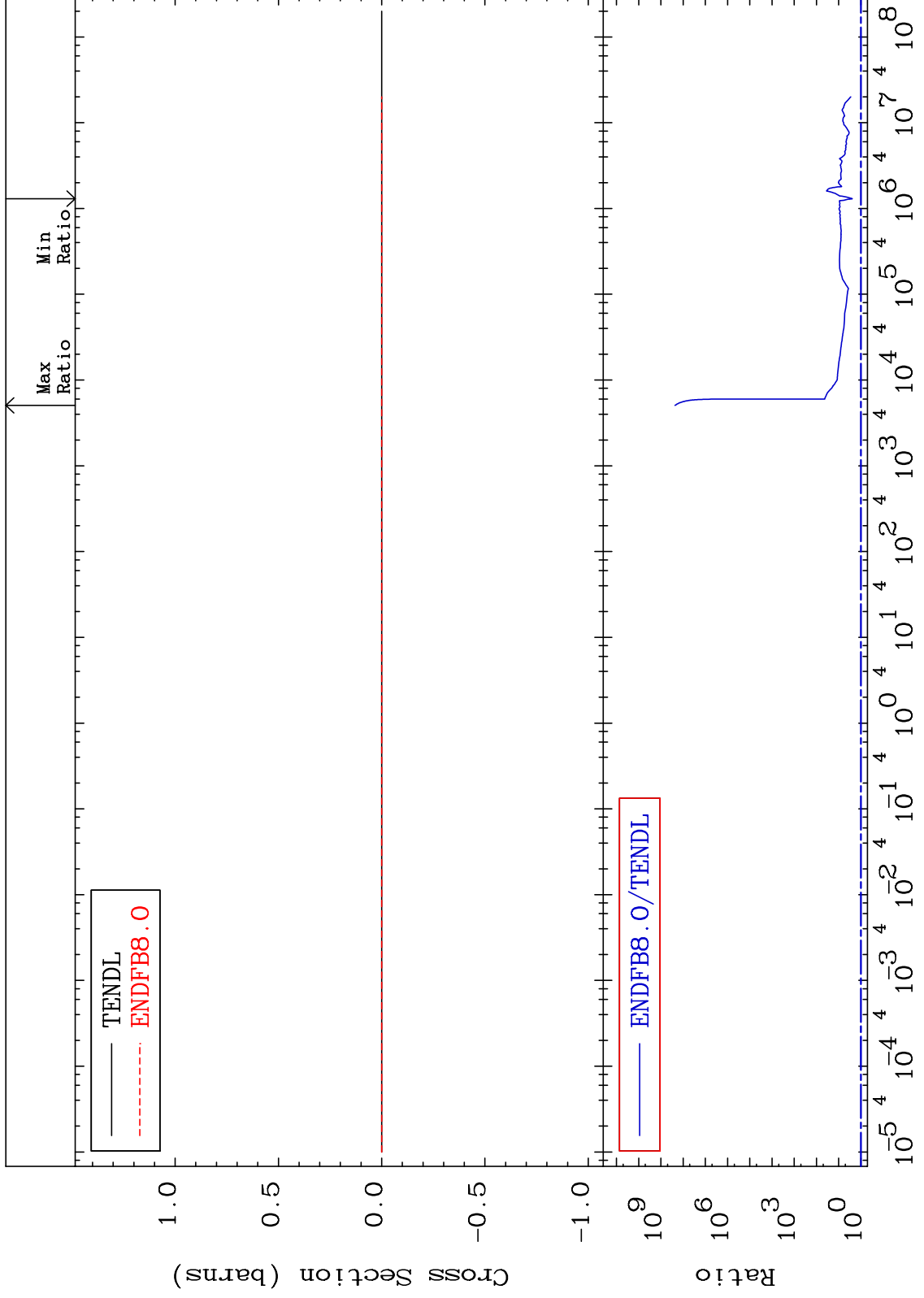
45

69-Tm-171

MAT 6931

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

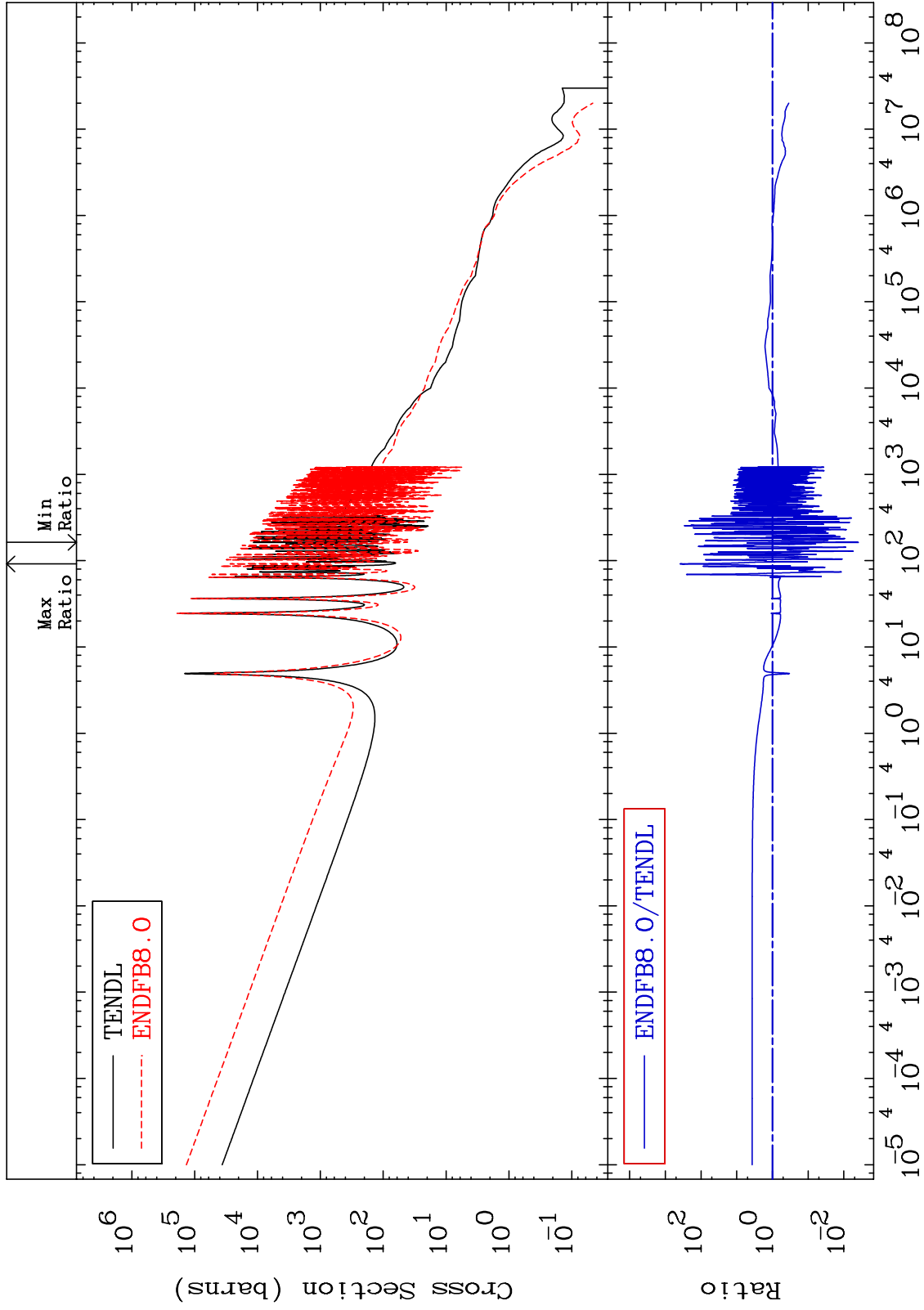
69-Tm-171
143.6 To 9999. %



MAT 6931

Kerma capture (mt102)
Cross Section

69-Tm-171
-99.61 To 9999. %



47

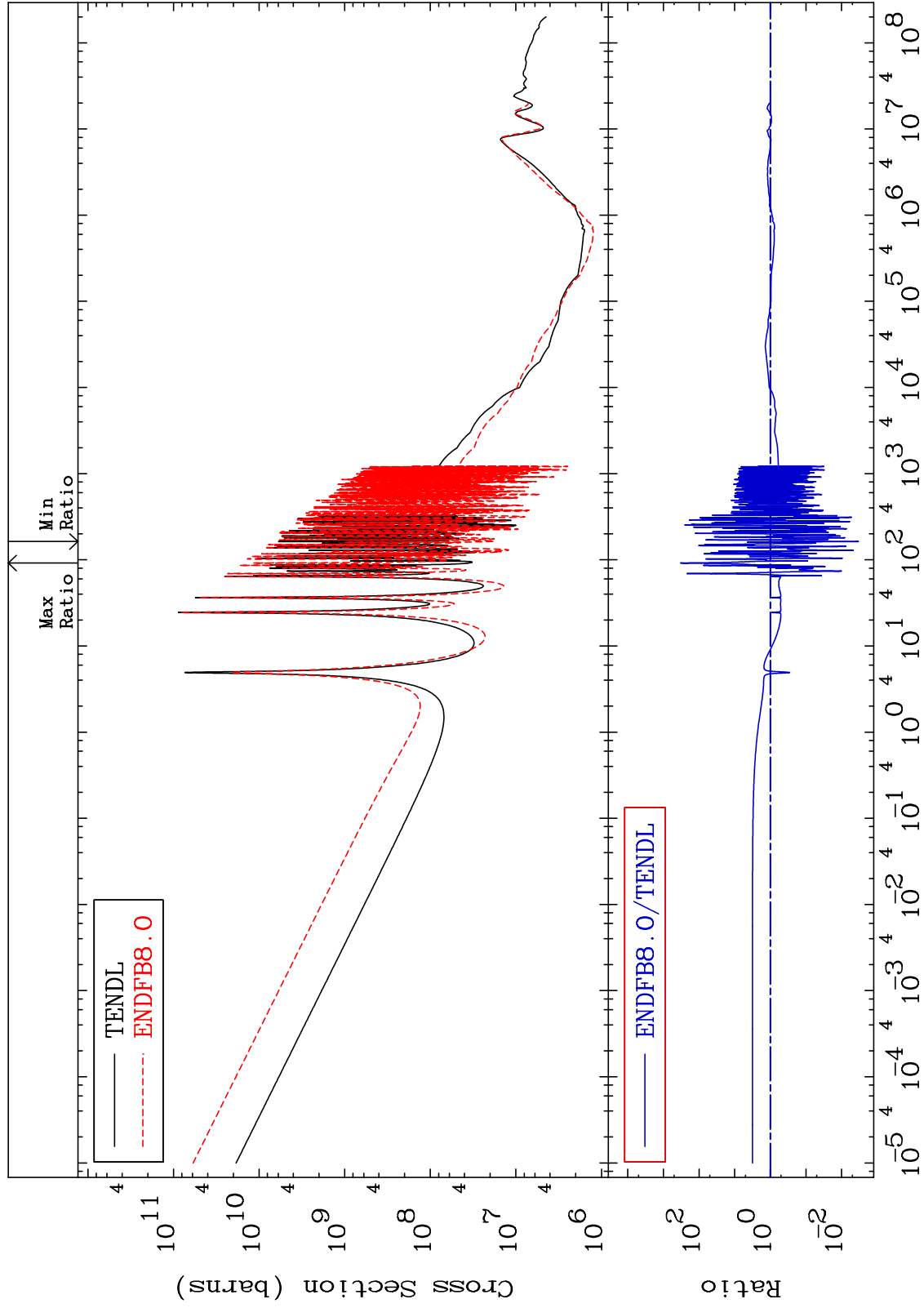
Incident Energy (eV)

69-Tm-171

MAT 6931

Total photon (eV-barns)
Cross Section

69-Tm-171
-99.67 To 9999. %



48

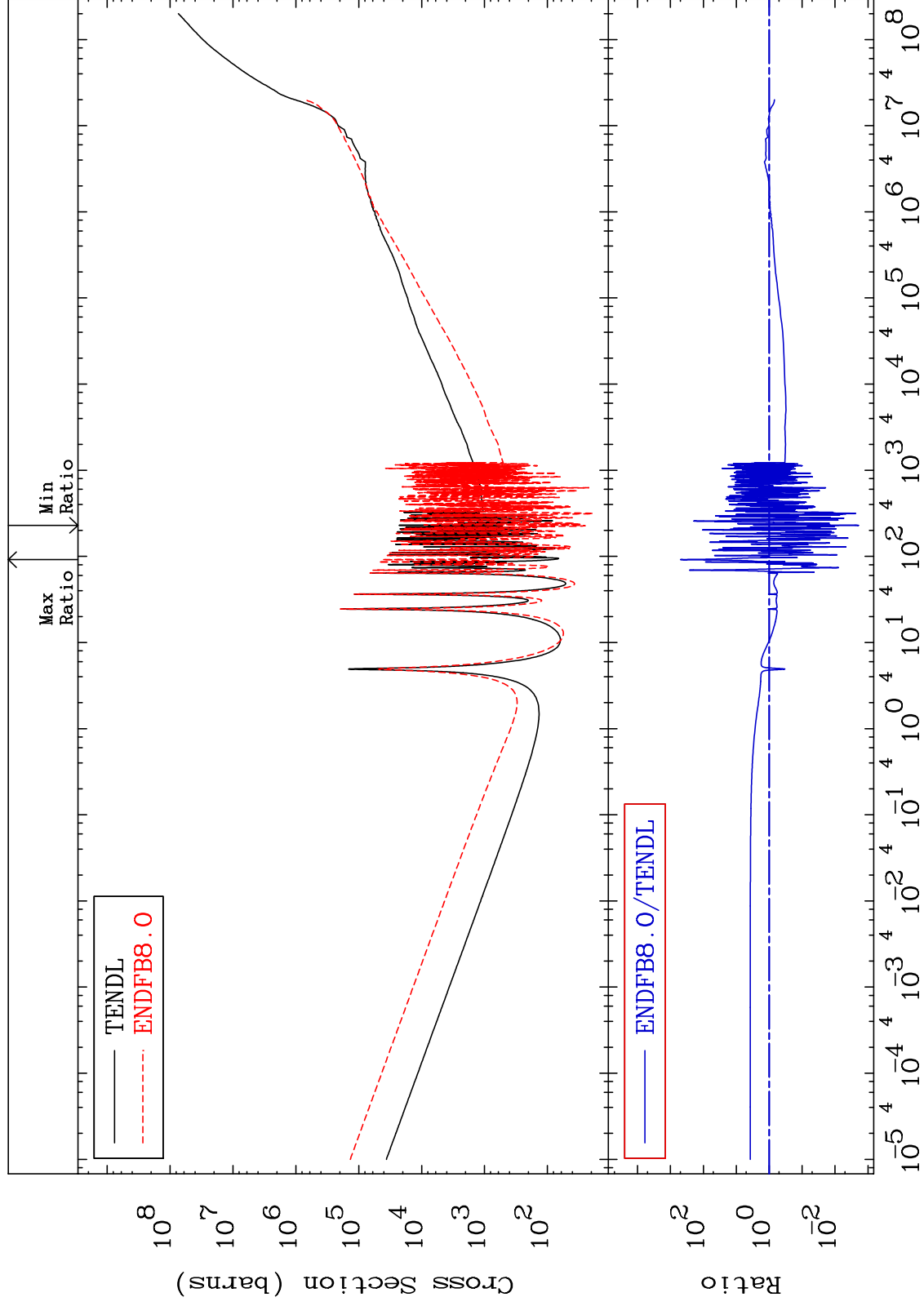
Incident Energy (eV)

69-Tm-171

MAT 6931

Total kinematic kerma (high limit)
Cross Section

69-Tm-171
-99.81 To 9999. %



49

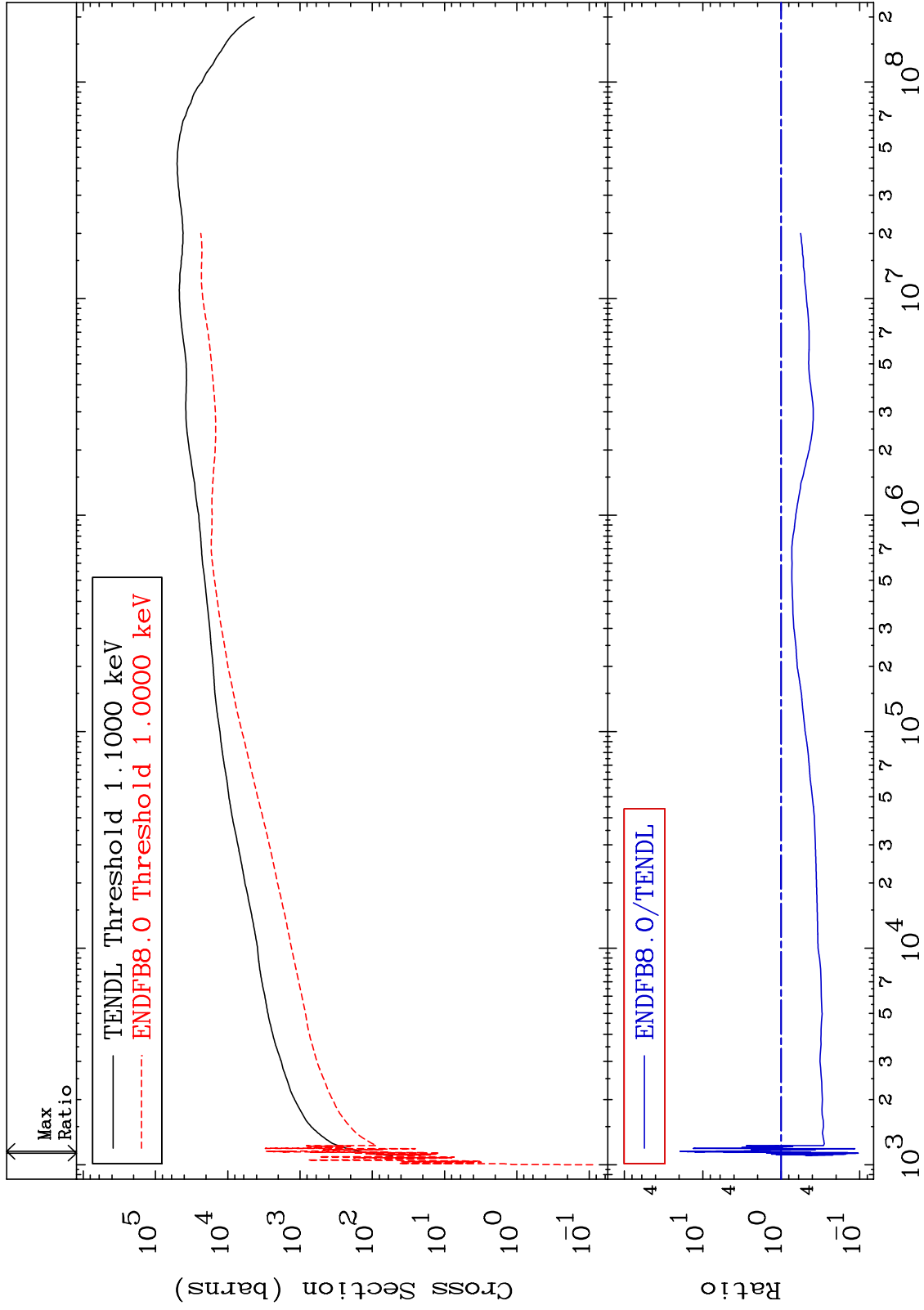
Incident Energy (eV)

69-Tm-171

MAT 6931

Dpa elastic (mt2)
Cross Section

69-Tm-171
-89.64 To 1850. %



51

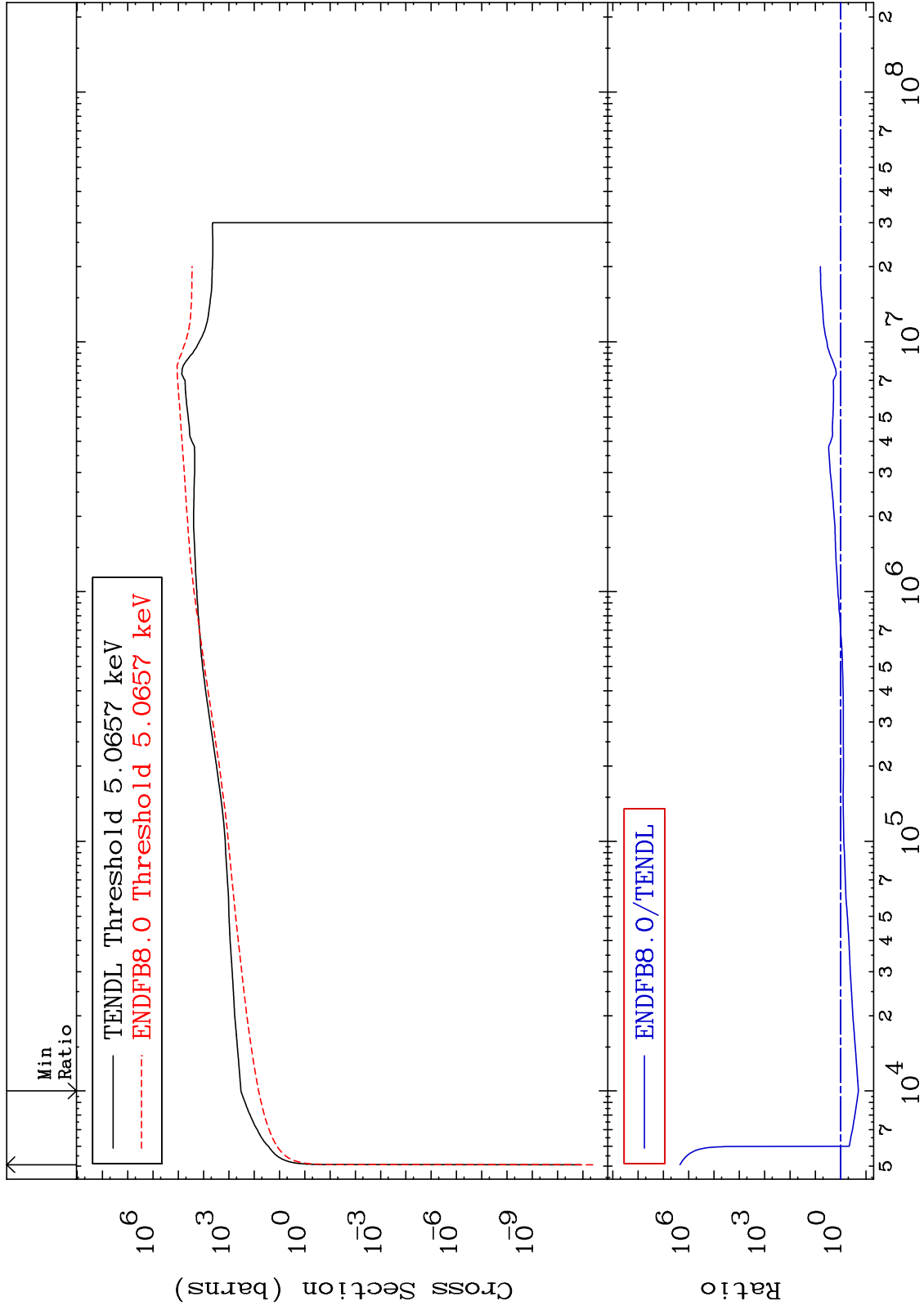
69-Tm-171

69-Tm-171

MAT 6931

Dpa inelastic (mt51-91)
Cross Section

69-Tm-171
-80.03 To 9999. %



52

69-Tm-171

MAT 6931

Dpa disappearance (mt102 -120)

69-Tm-171

-99.54 To 9999. %

Cross Section

