

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

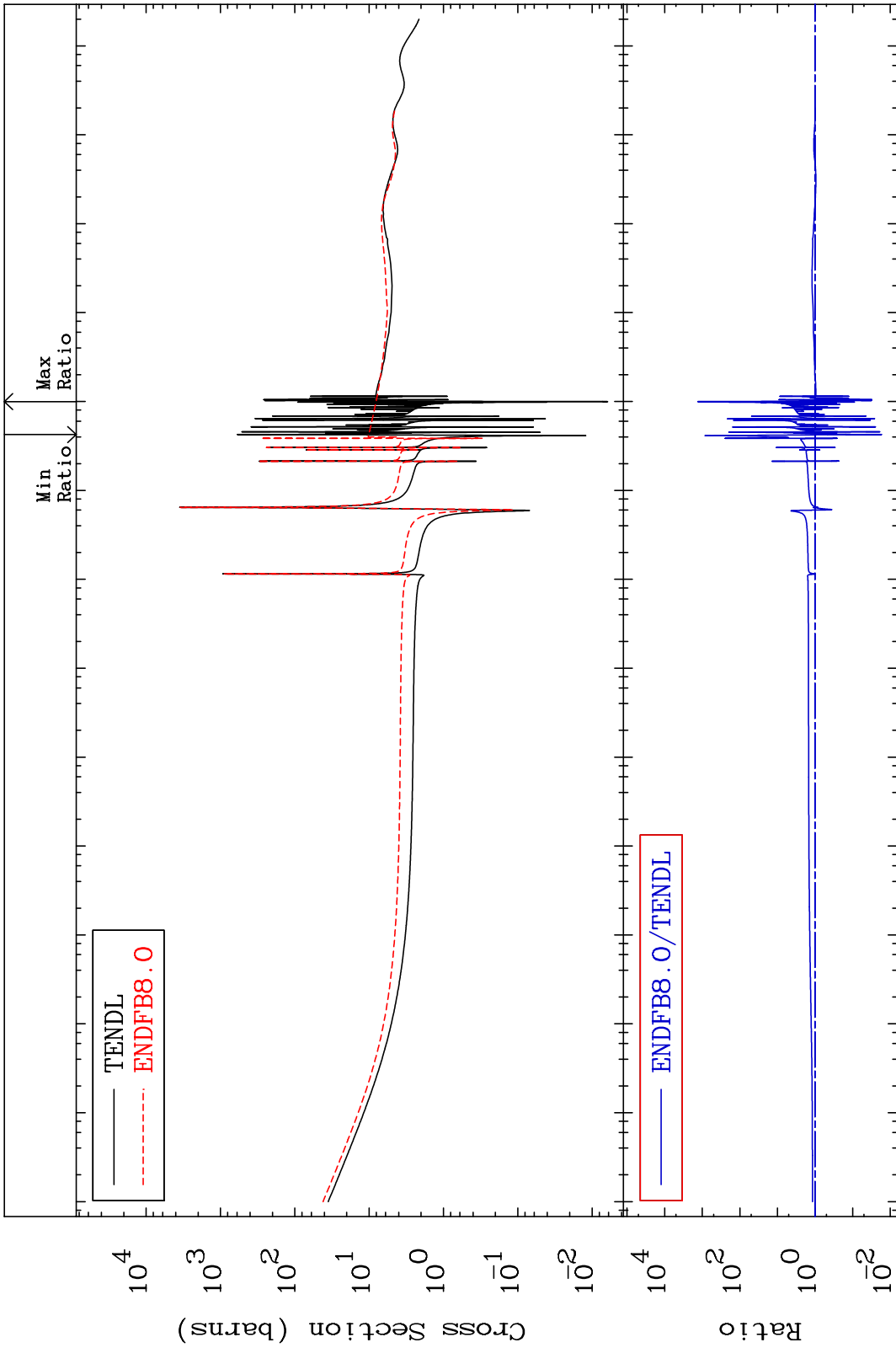
MAT 5449

Total

54-Xe-132

Cross Section

-98.29 To 9999. %



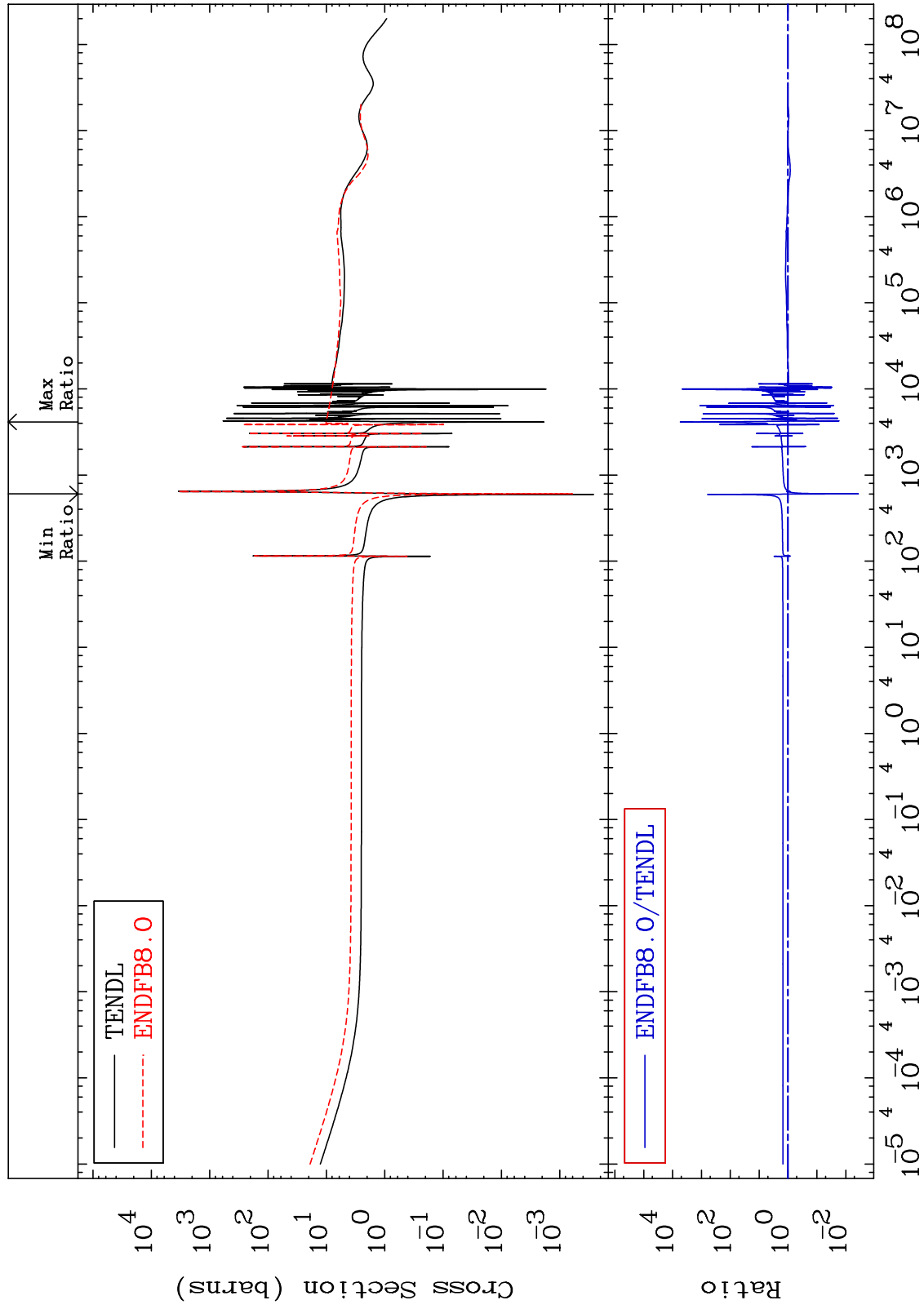
Incident Energy (eV)

54-Xe-132

MAT 5449

Elastic
Cross Section

54-Xe-132
-99.64 To 9999. %



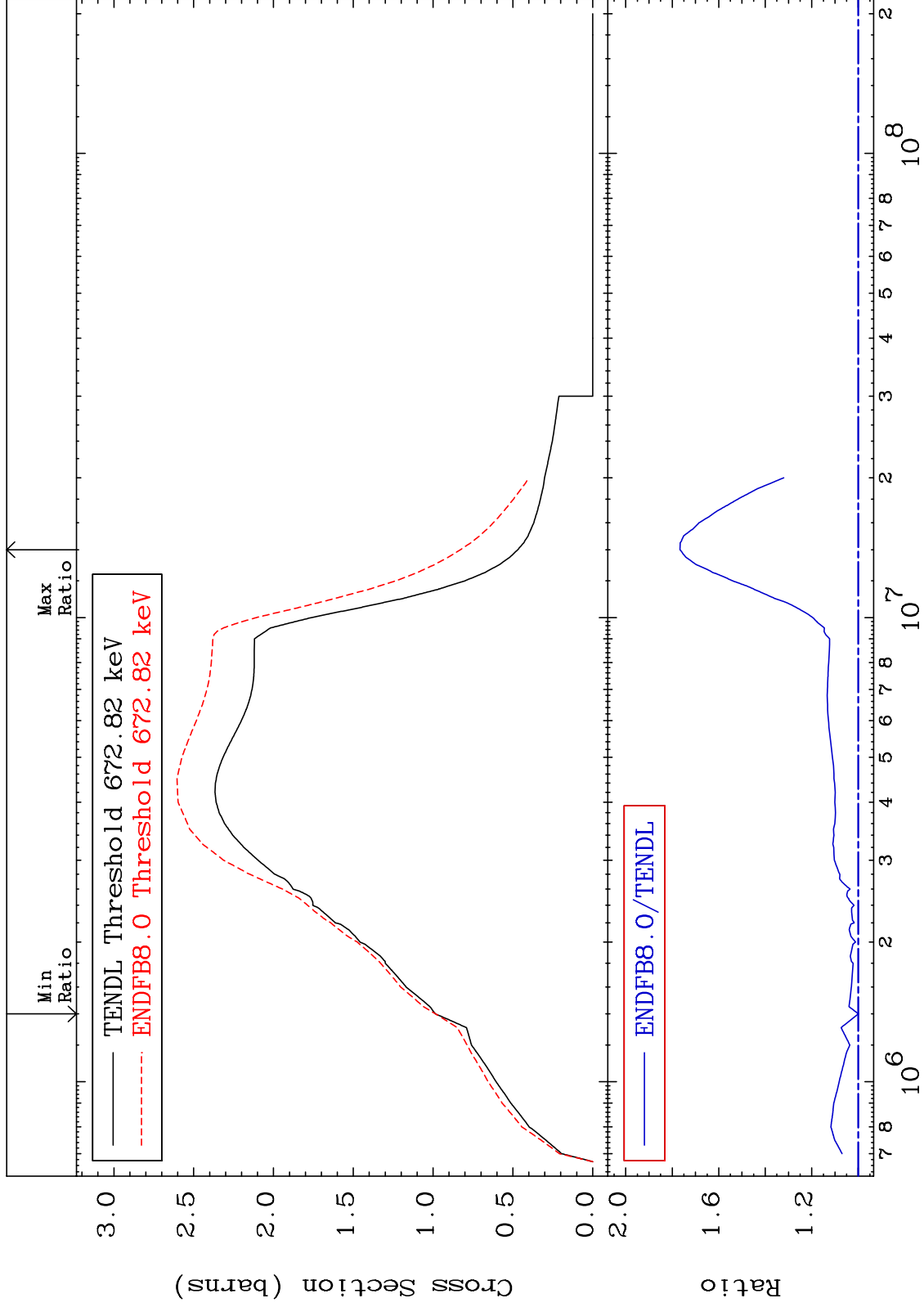
MAT 5449

Inelastic

54-Xe-132

Cross Section

-0.076 To 76.66 %



3

Incident Energy (eV)

54-Xe-132

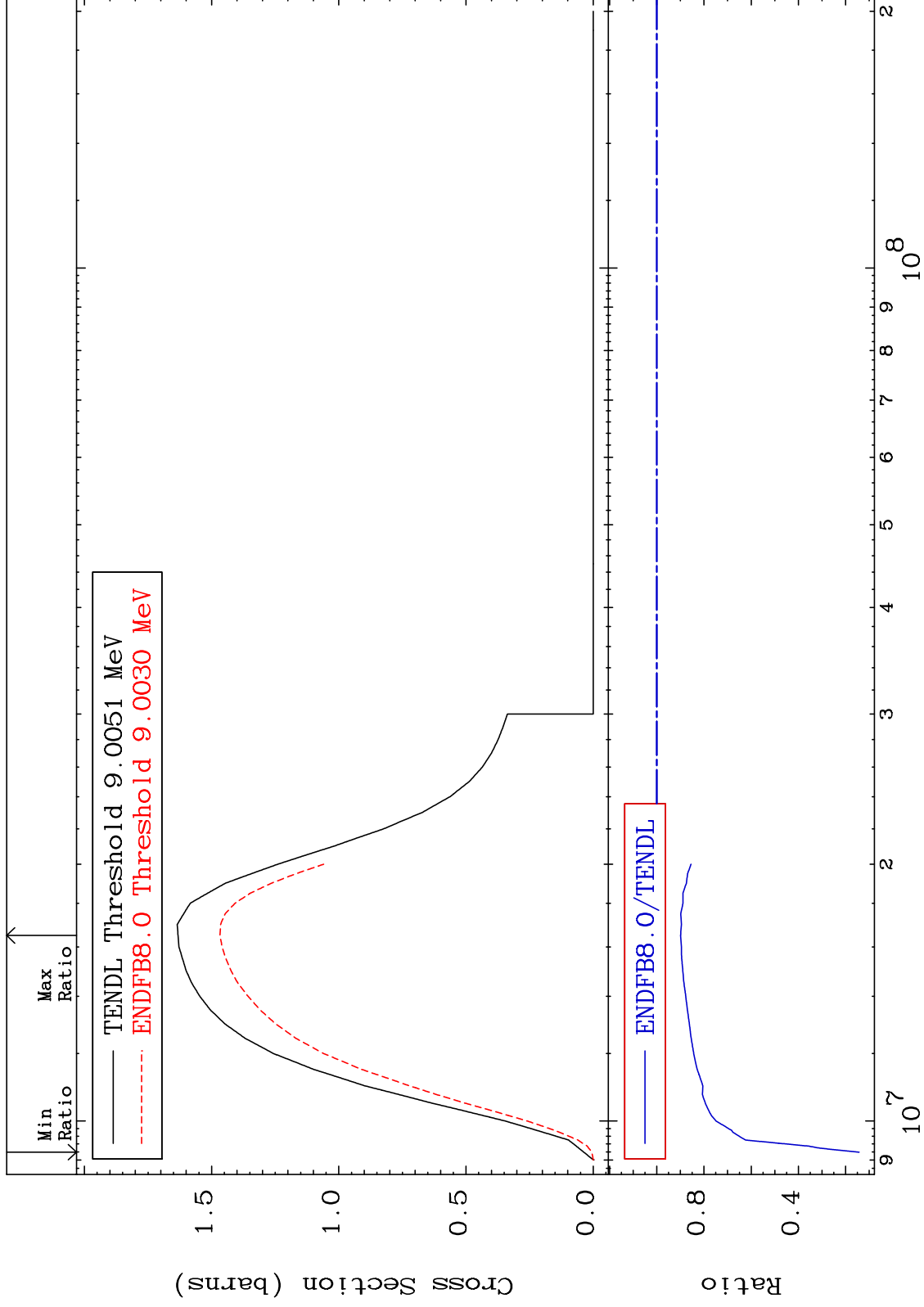
MAT 5449

(n,2n)

54-Xe-132

Cross Section

-85.74 To -10.10%



54-Xe-132

Incident Energy (eV)

4

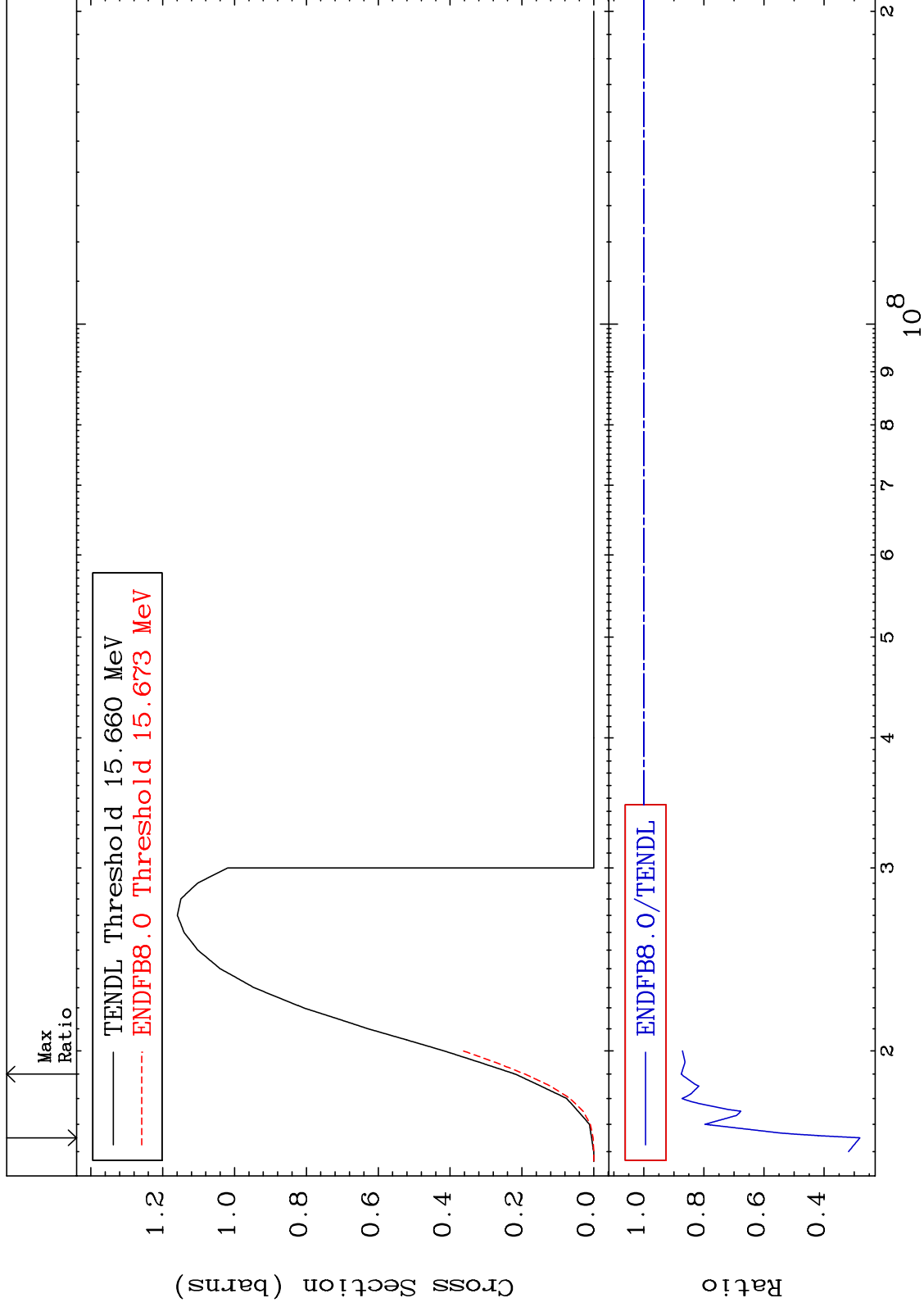
MAT 5449

(n, 3n)

54-Xe-132

Cross Section

-71.91 To -12.45%



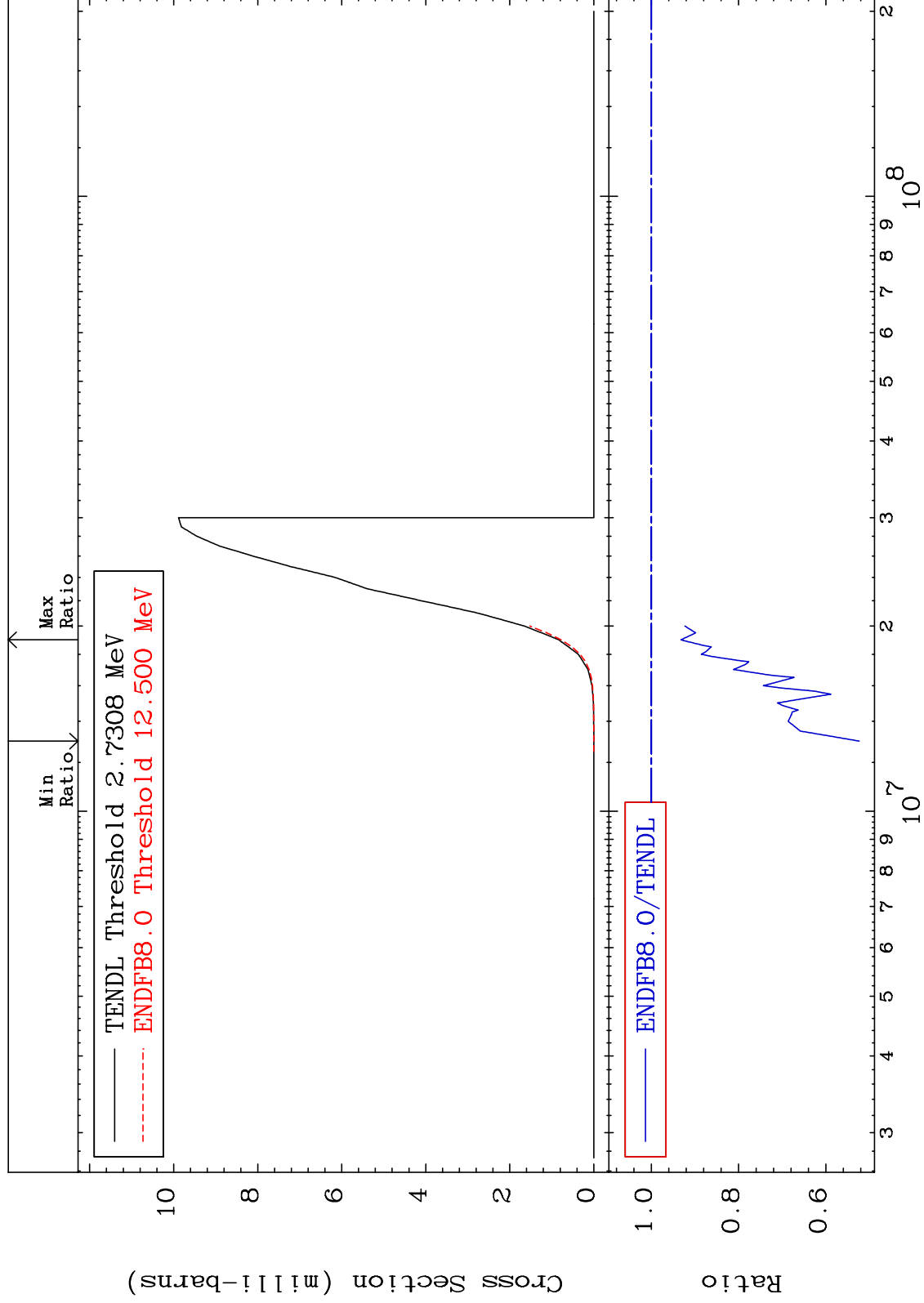
MAT 5449

(n, n') α

54-Xe-132

Cross Section

-47.67 To -6.801%



6

Incident Energy (eV)

54-Xe-132

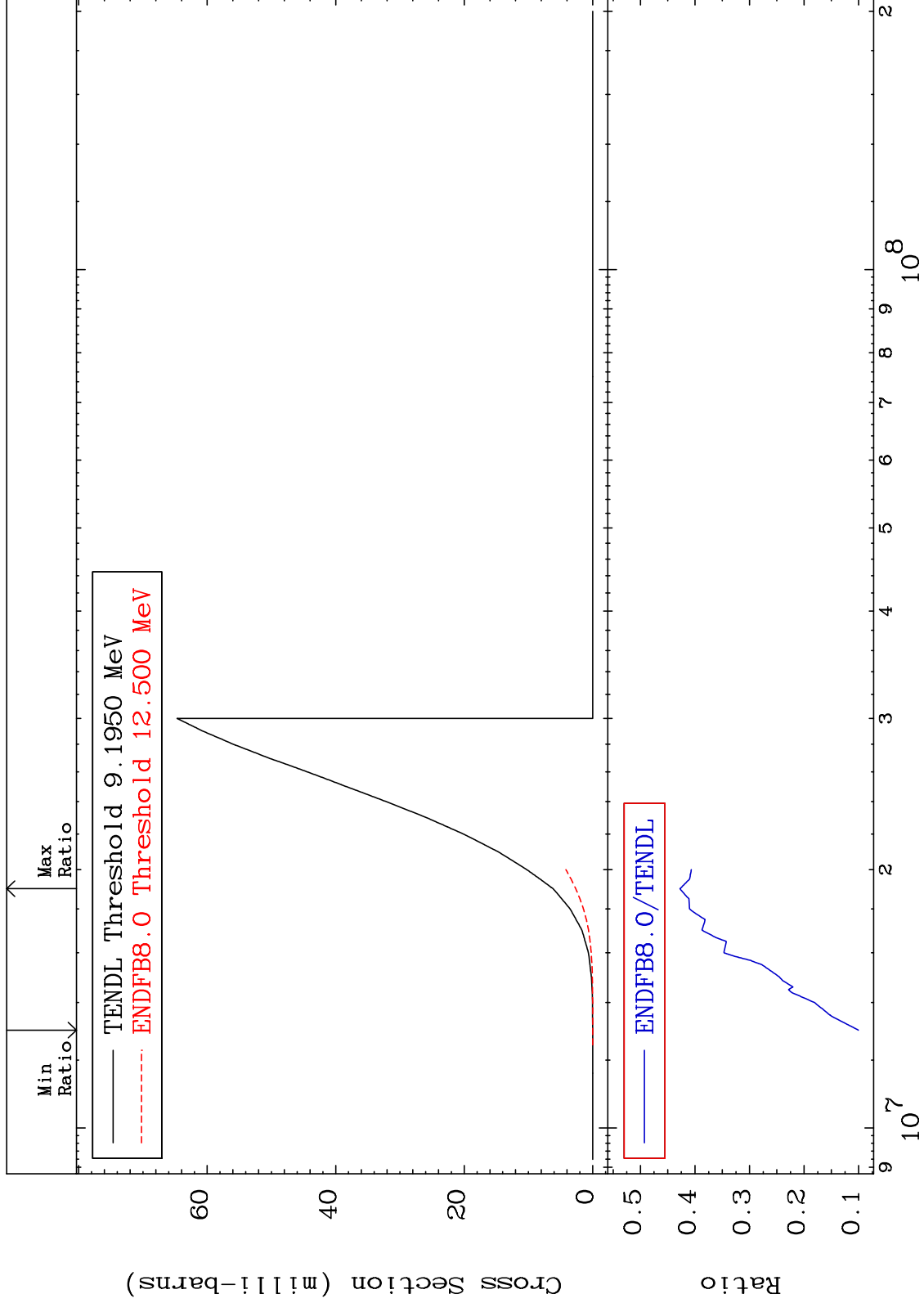
MAT 5449

(n,n') p

54-Xe-132

Cross Section

-89.95 To -57.25%



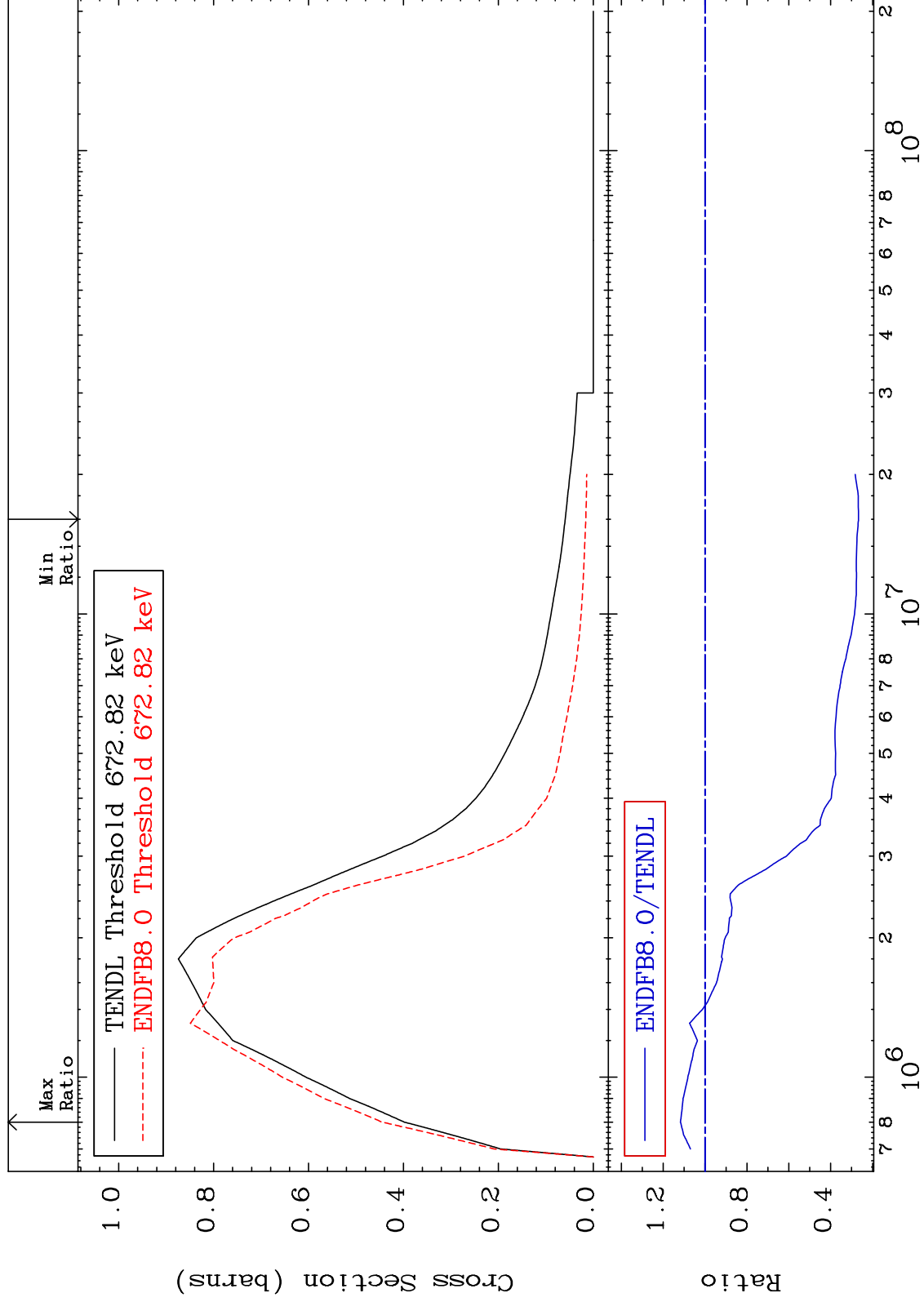
Incident Energy (eV)

54-Xe-132

MAT 5449

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

54-Xe-132
-73.30 To 11.77 %



8

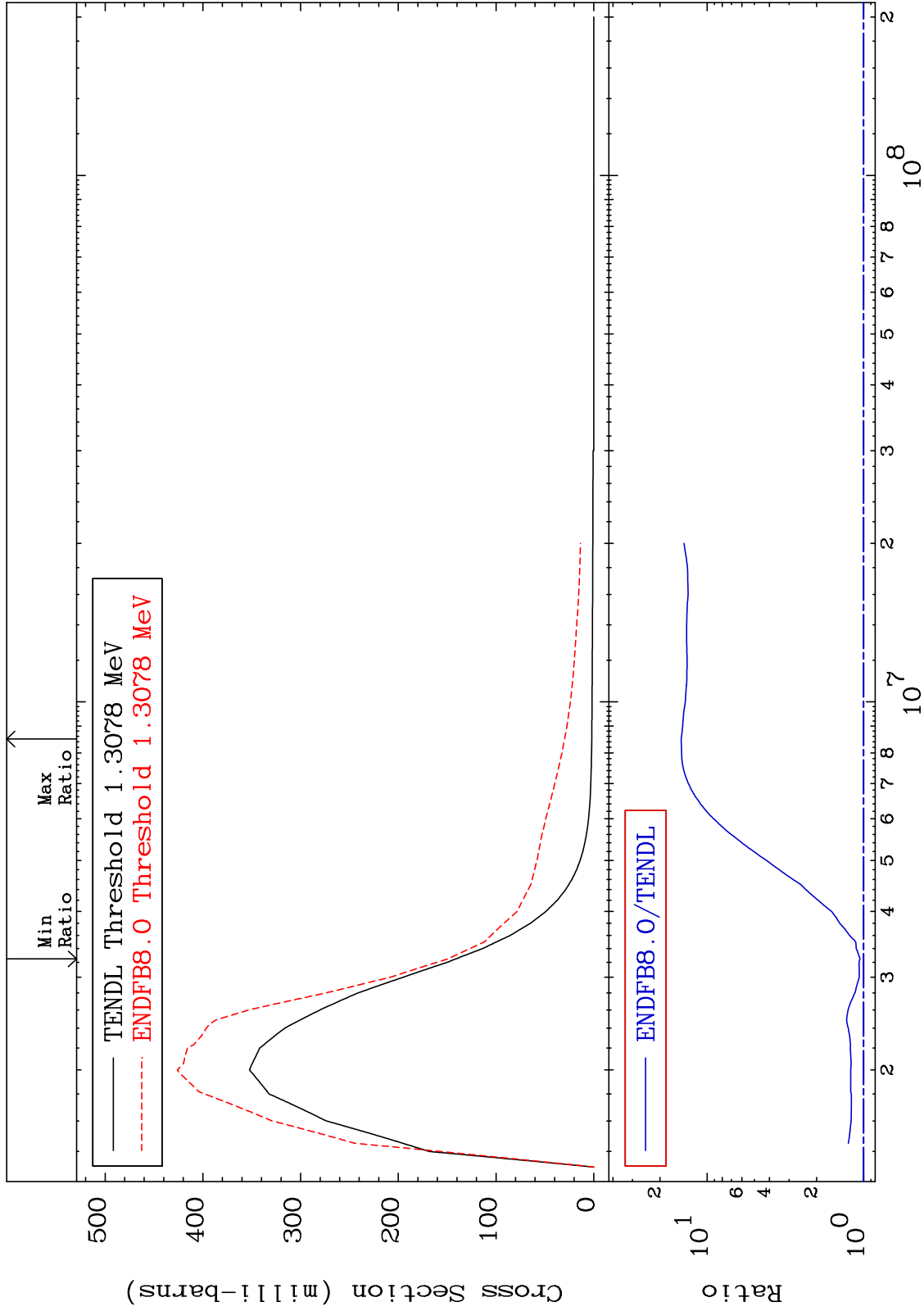
Incident Energy (eV)

54-Xe-132

MAT 5449

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

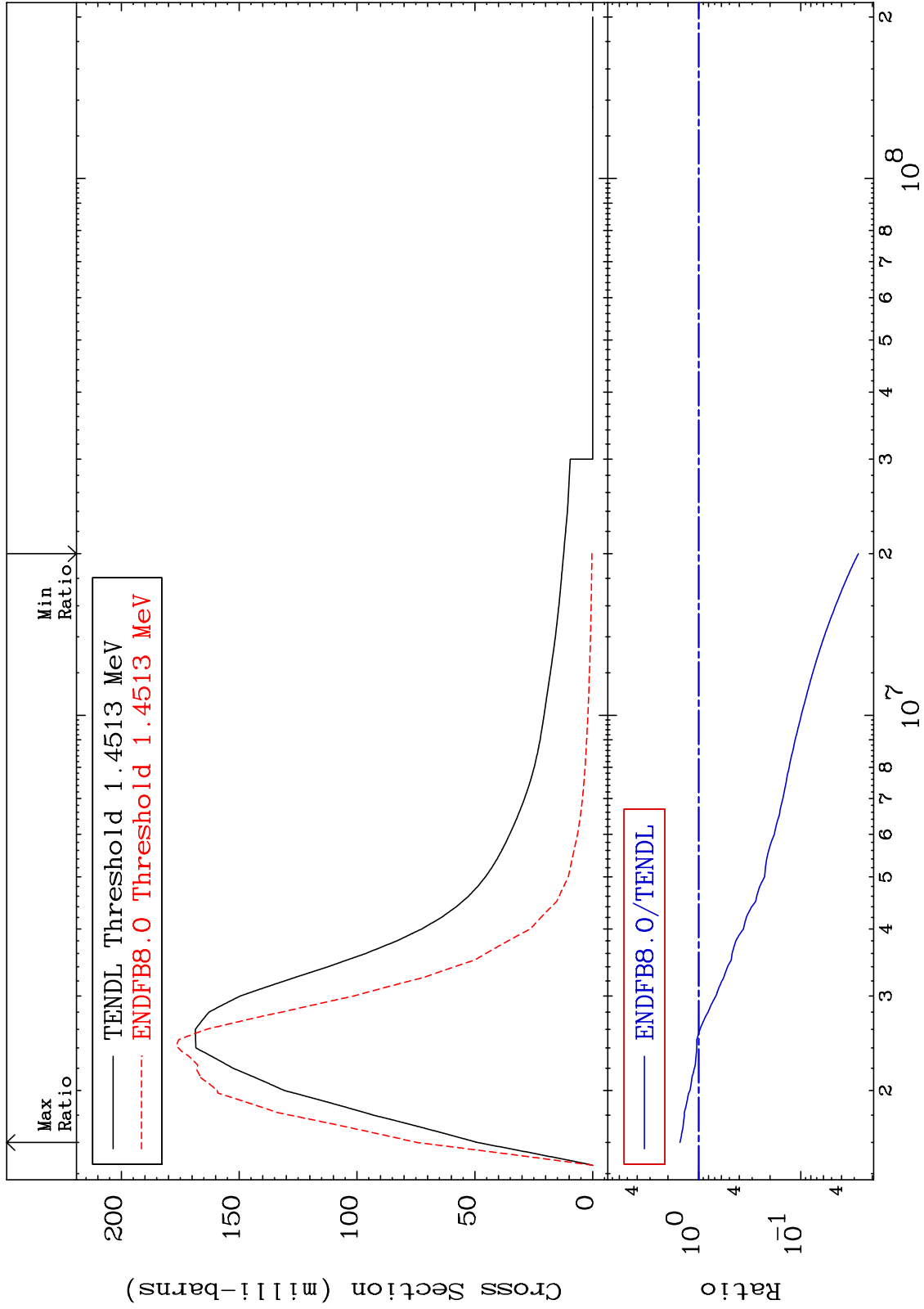
54-Xe-132
5.658 To 1364. %



MAT 5449

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

54-Xe-132
-97.27 To 52.39 %



10

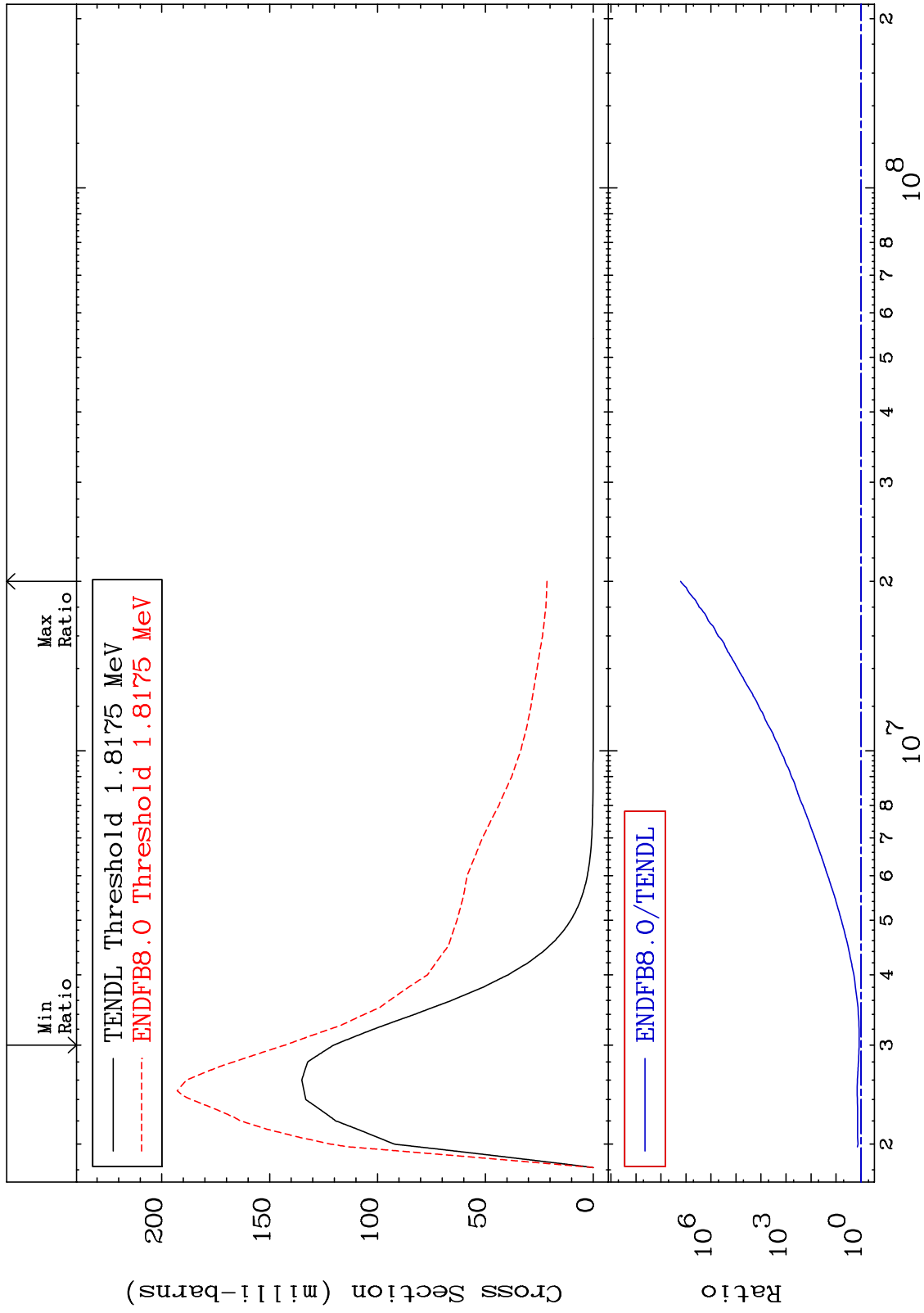
Incident Energy (eV)

54-Xe-132

MAT 5449

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

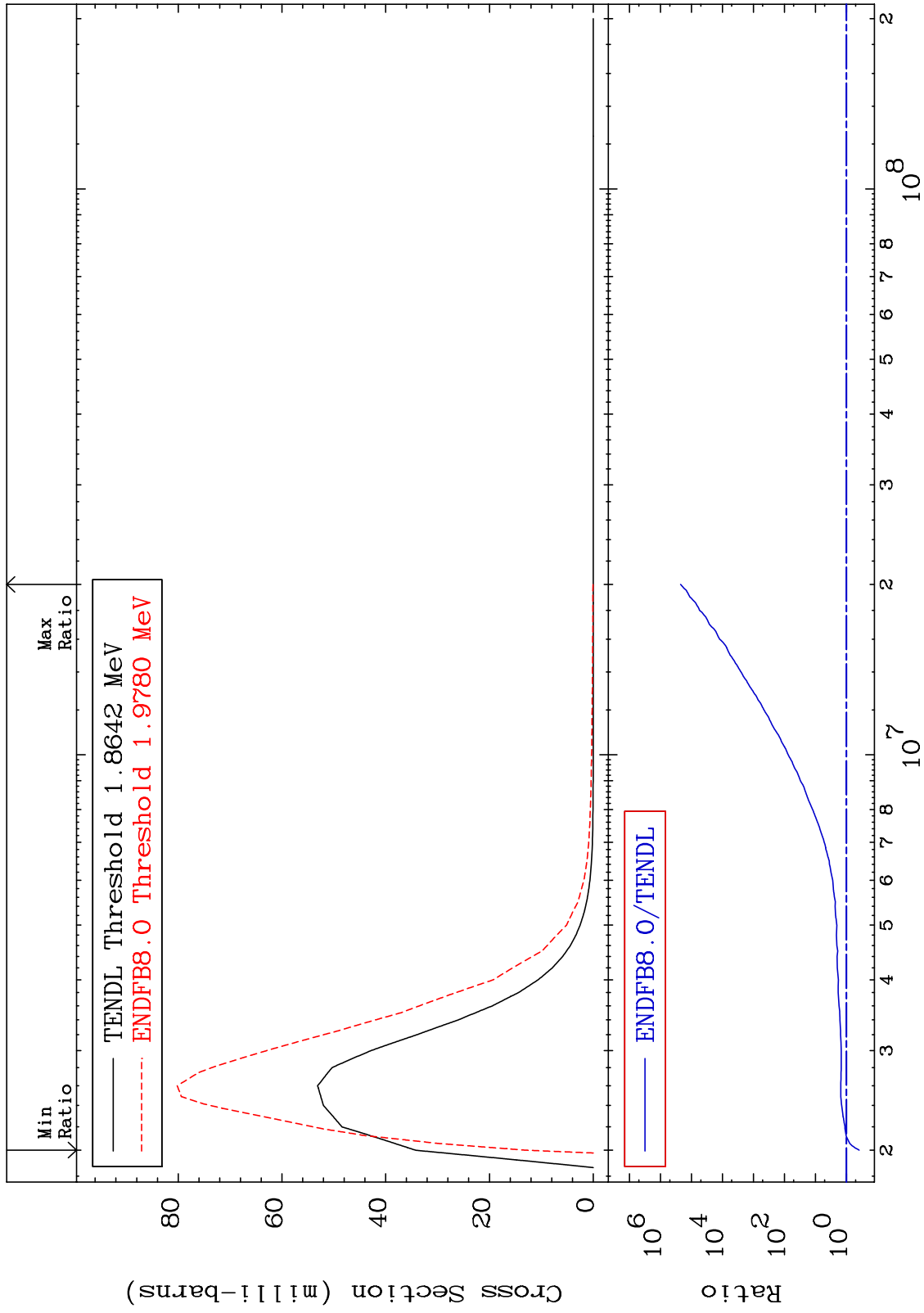
54-Xe-132
18.75 To 9999. %



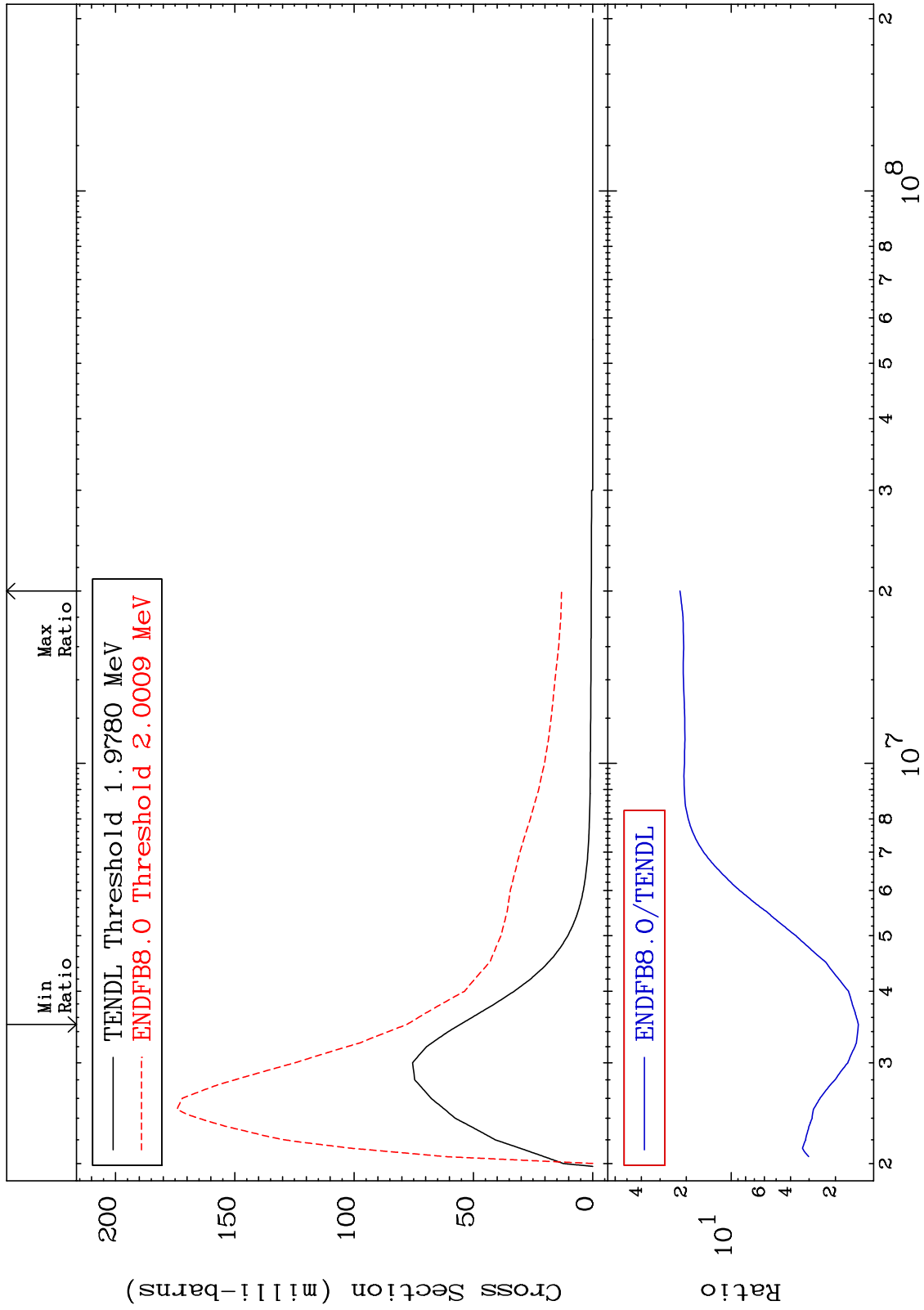
MAT 5449

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

54-Xe-132
-61.33 To 9999. %



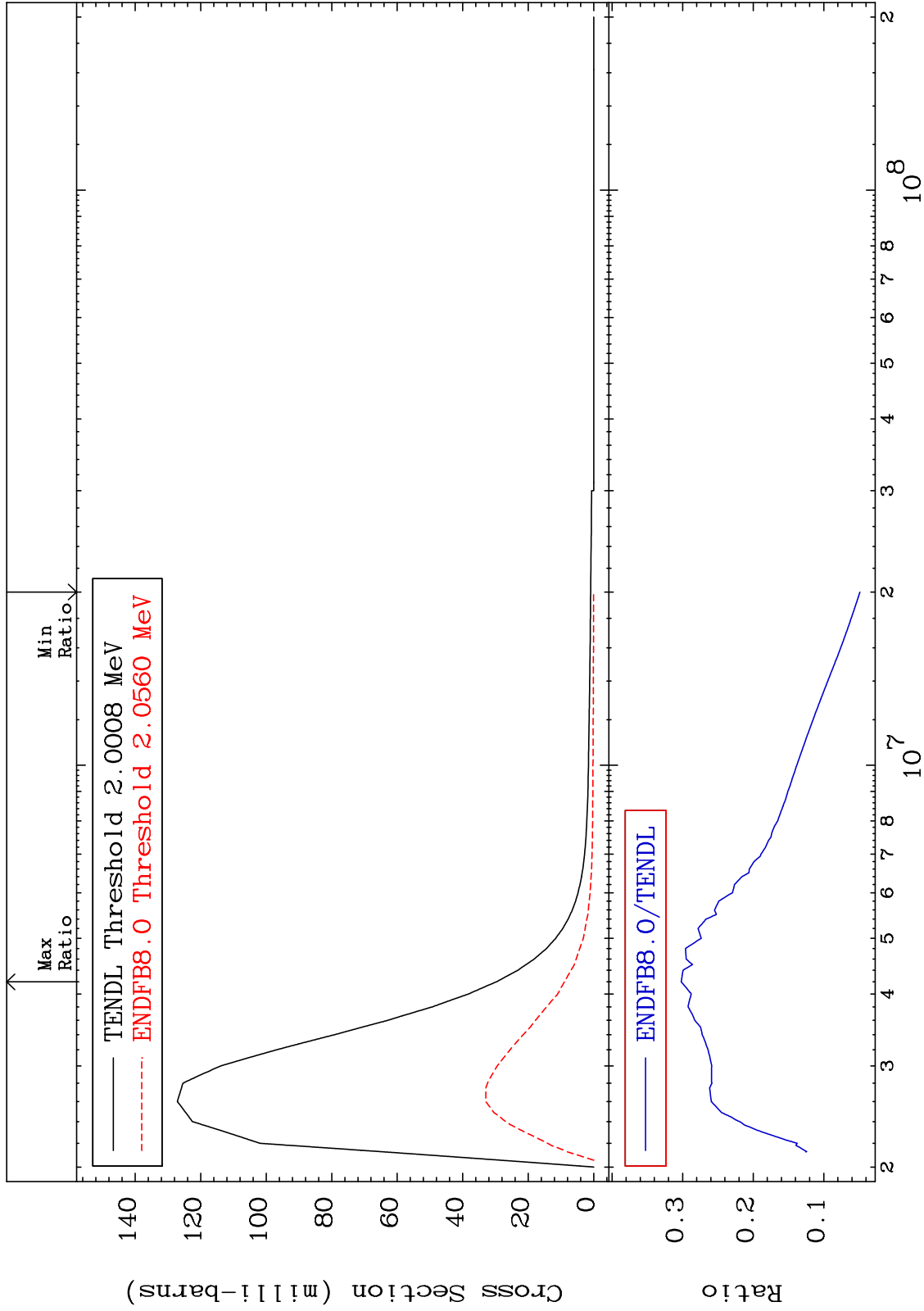
MAT 5449 MT= 56 (n,n') Level Cross Section 54-Xe-132 To 2104. %
 40.20



MAT 5449

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

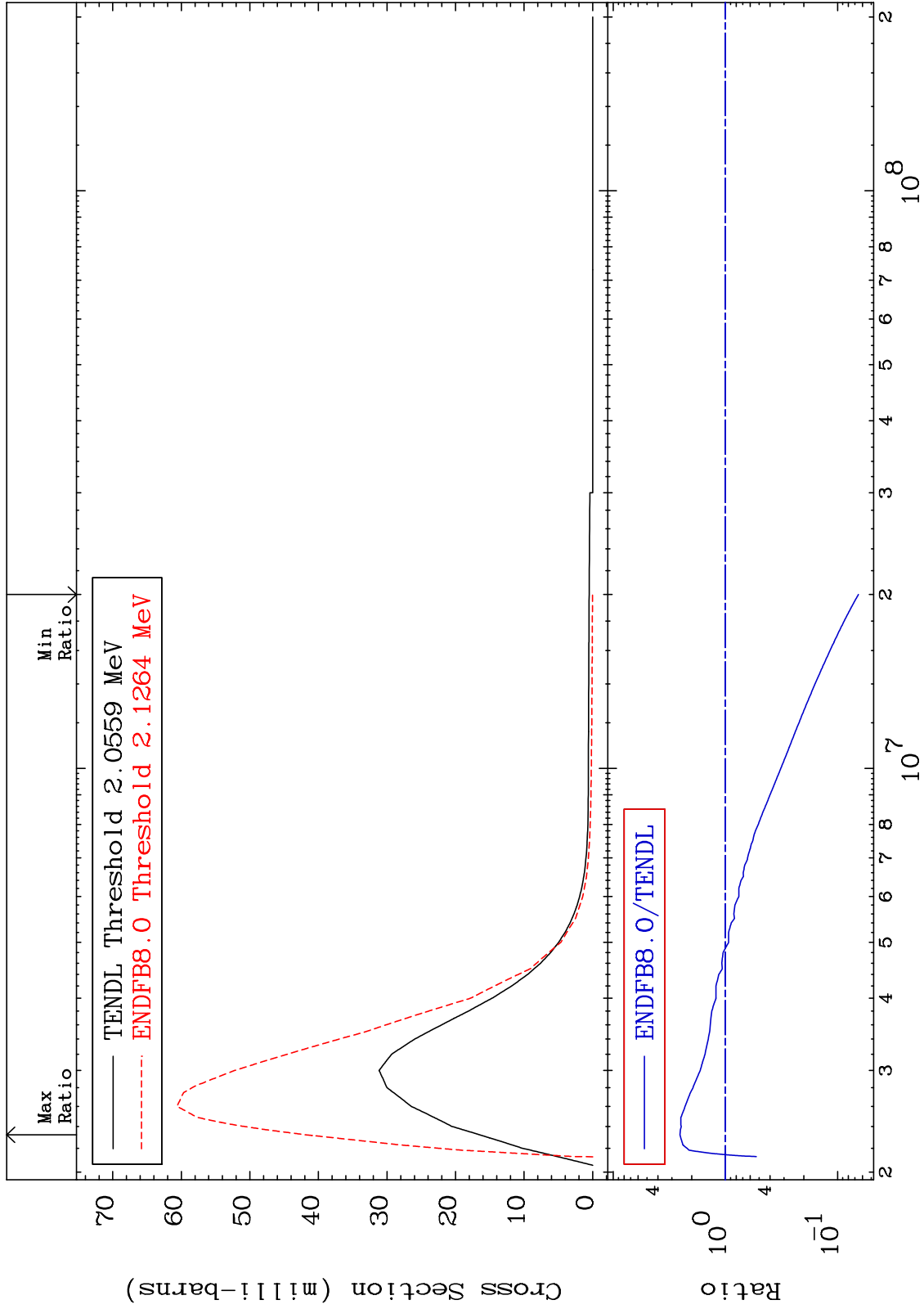
54-Xe-132
-95.13 To -69.81%



MAT 5449

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

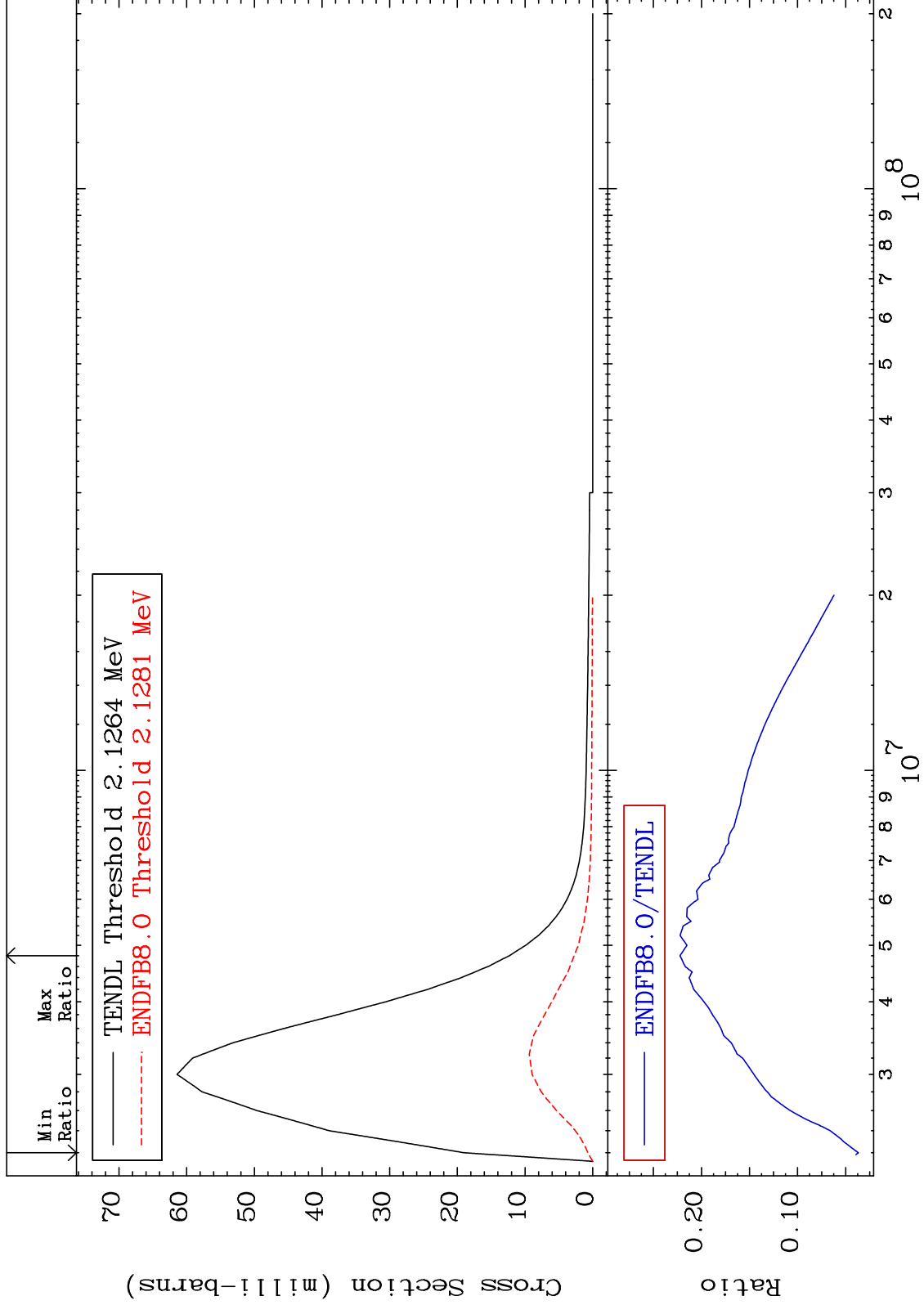
54-Xe-132
-93.49 To 154.0 %



MAT 5449

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

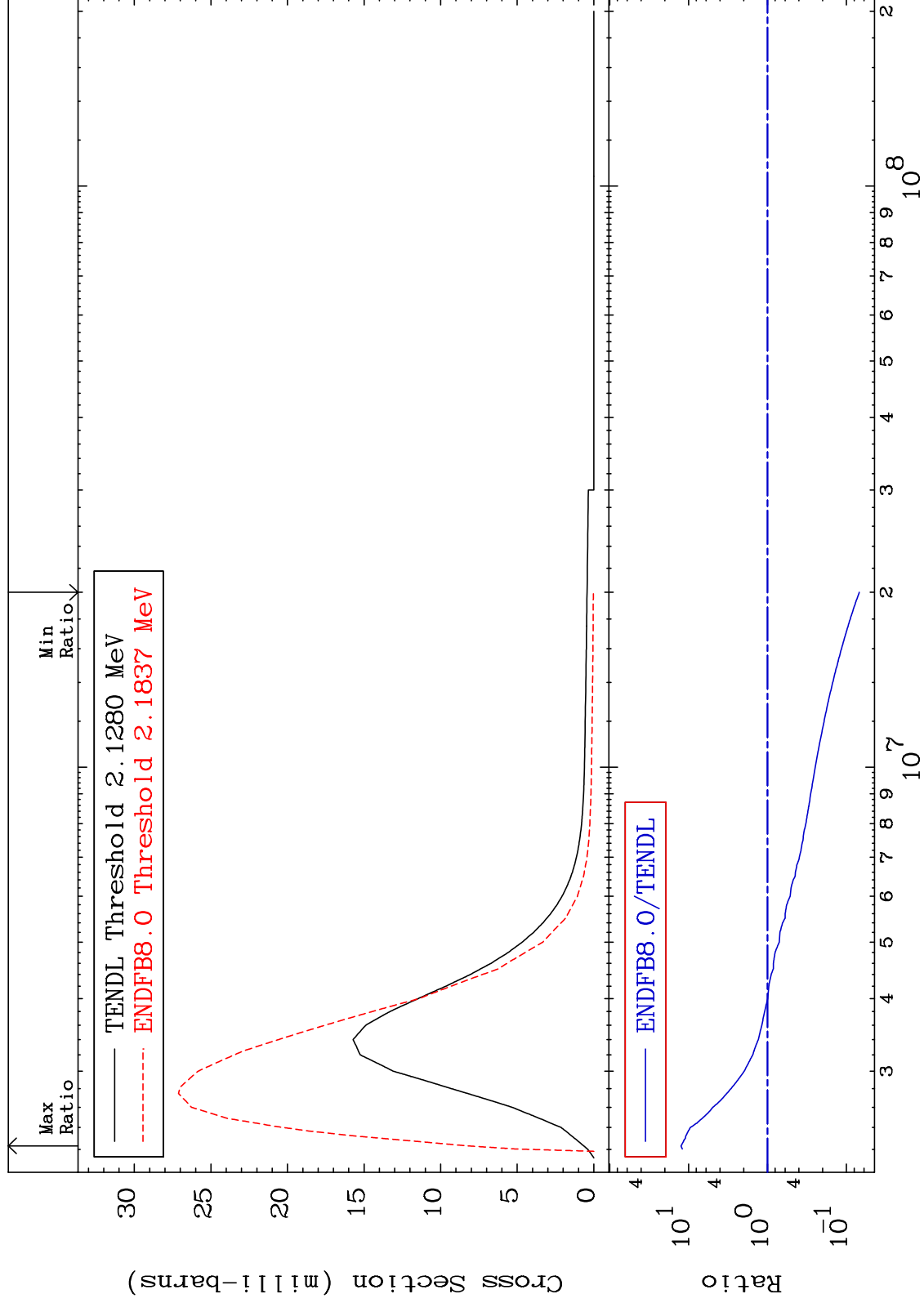
54-Xe-132
-96.33 To -77.77%



MAT 5449

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

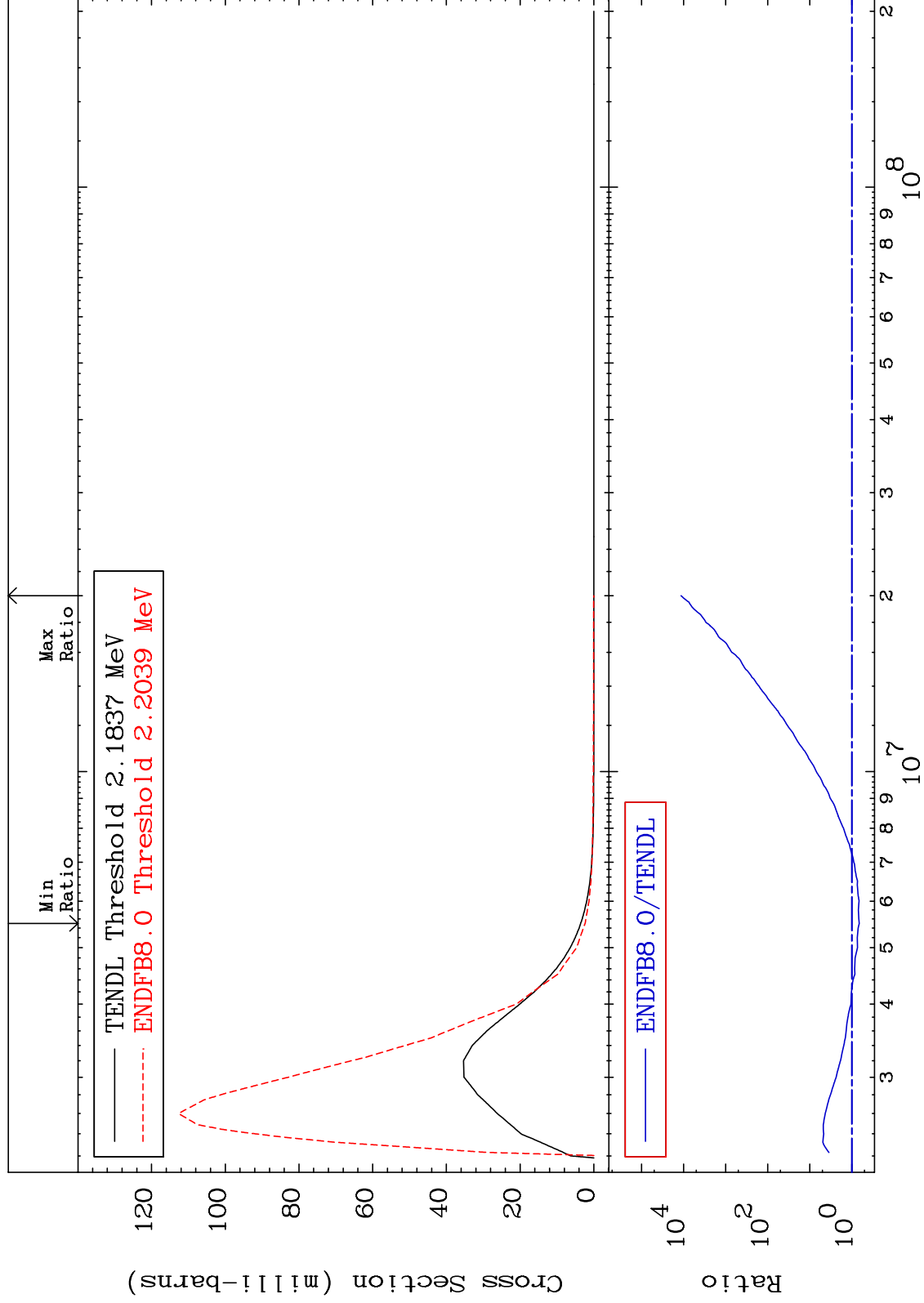
54-Xe-132
-93.12 To 1146. %



MAT 5449

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

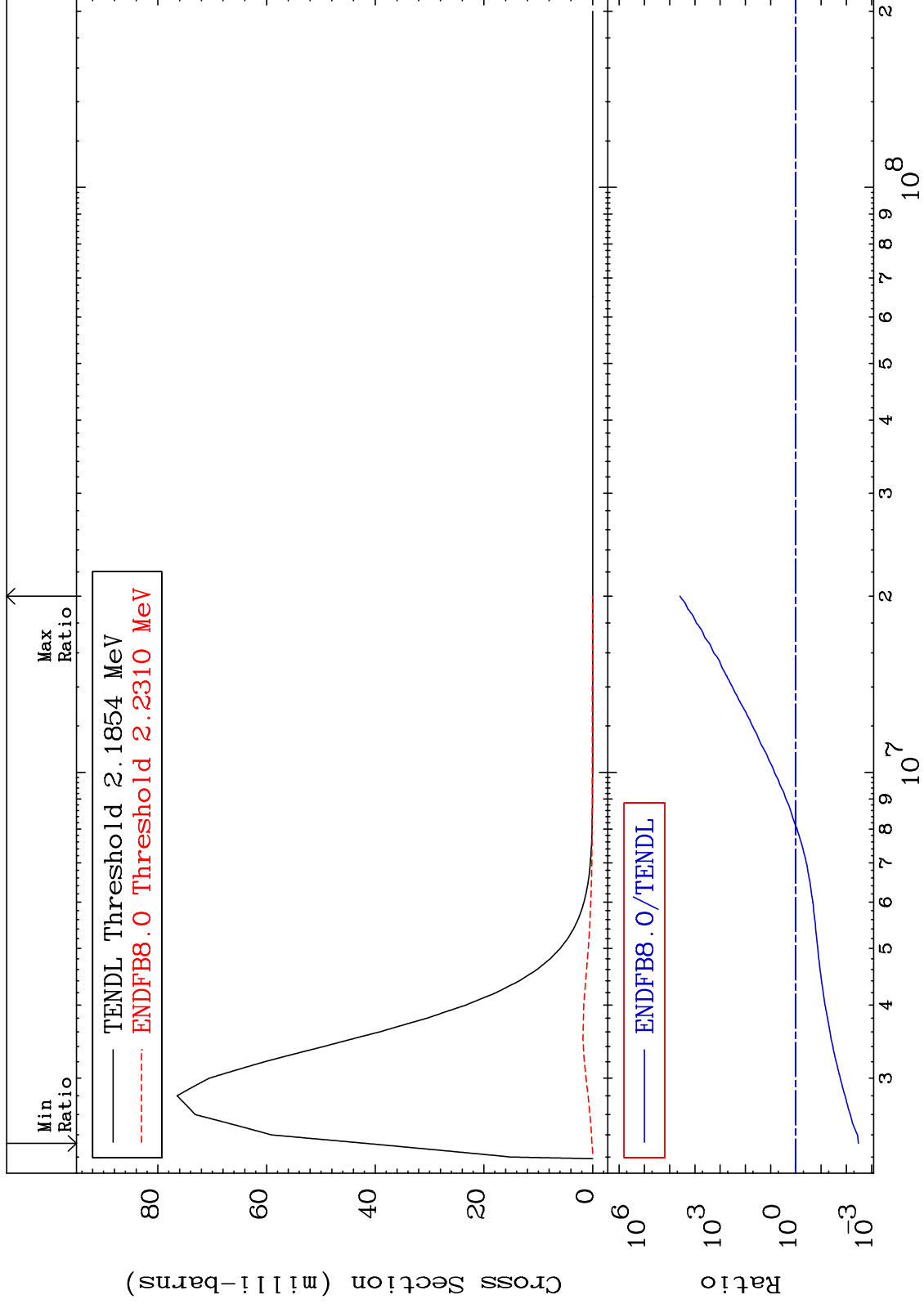
54-Xe-132
-33.68 To 9999. %



MAT 5449

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

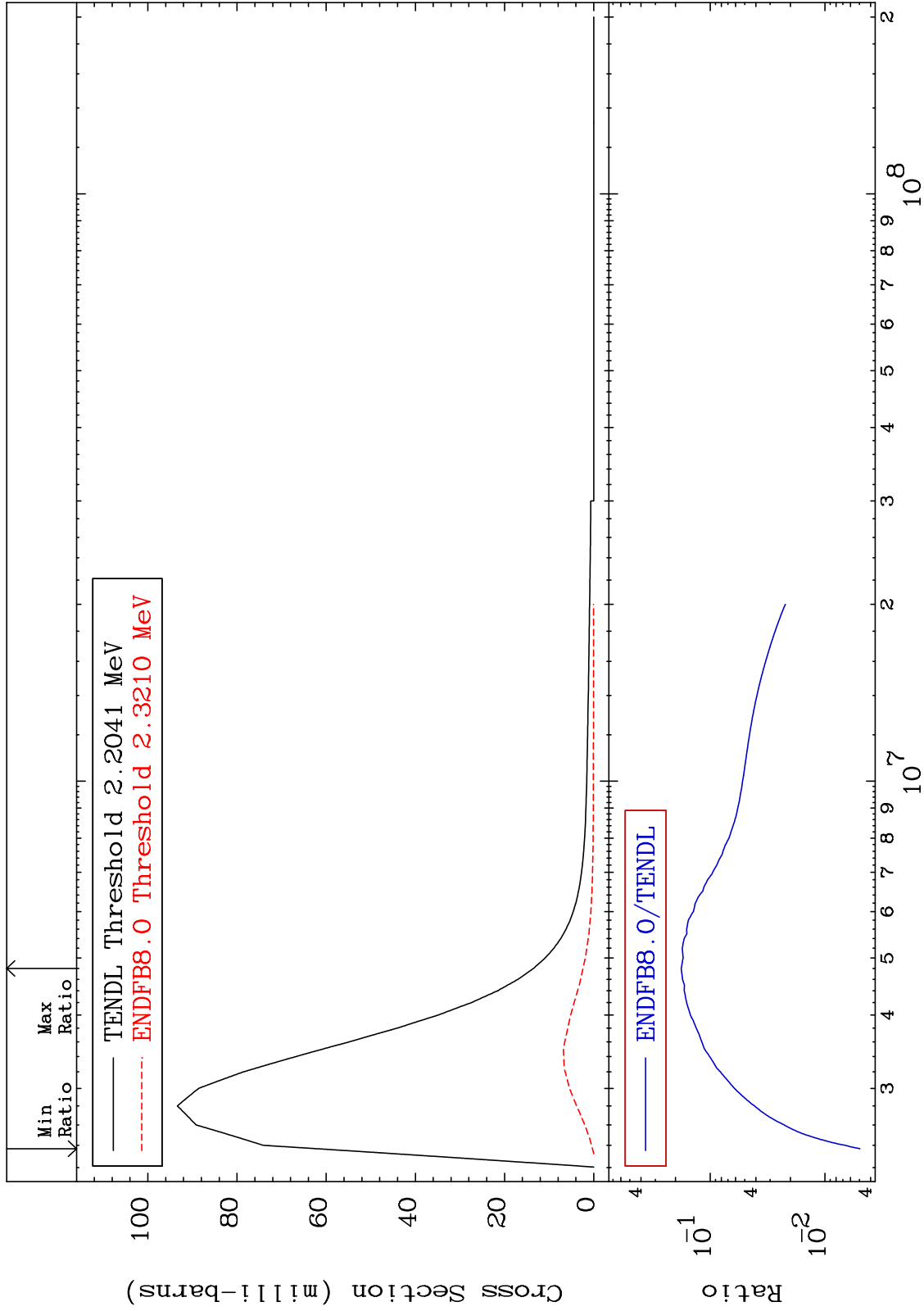
54-Xe-132
-99.67 To 9999. %



MAT 5449

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

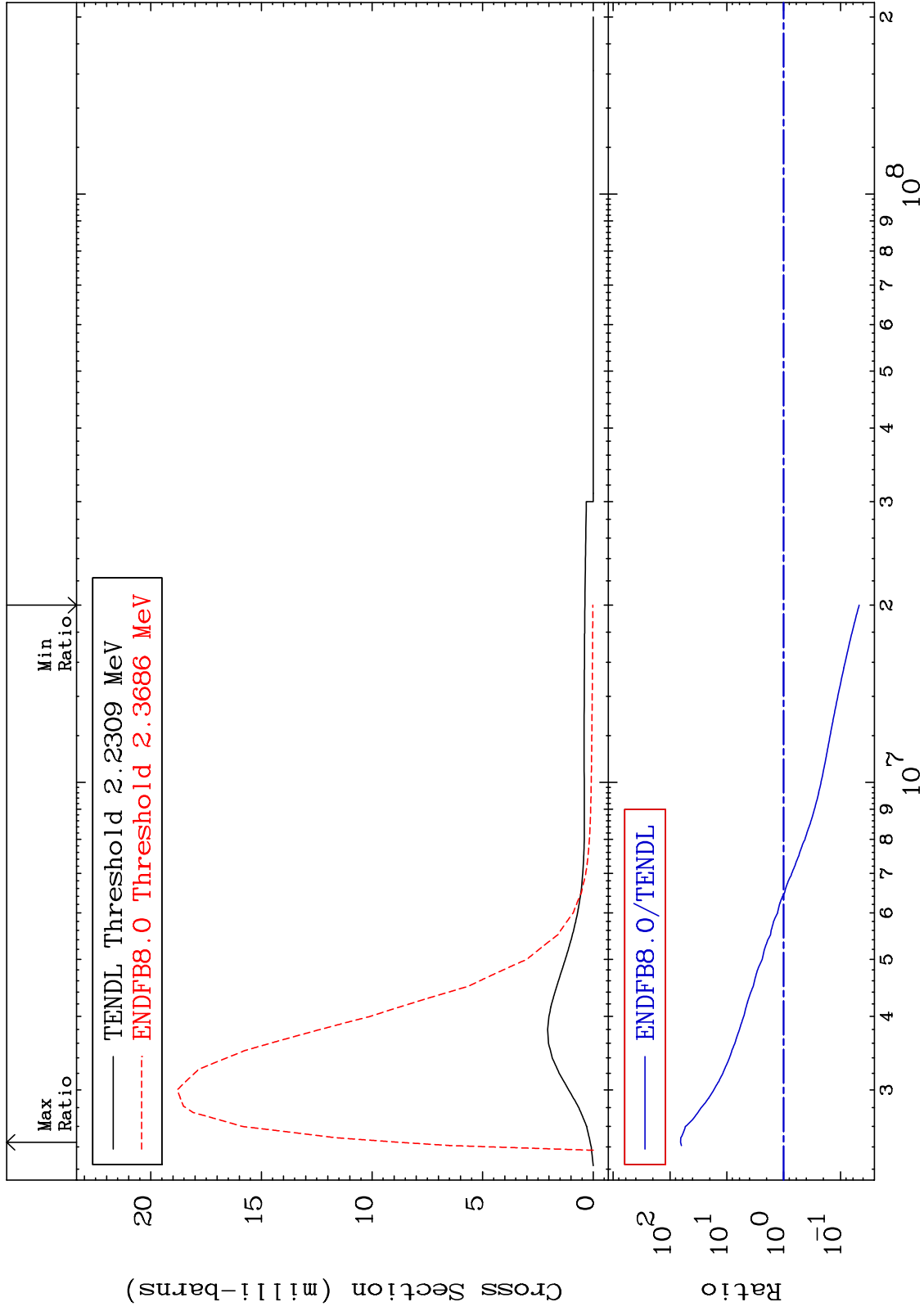
54-Xe-132
-99.50 To -82.14%



MAT 5449

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

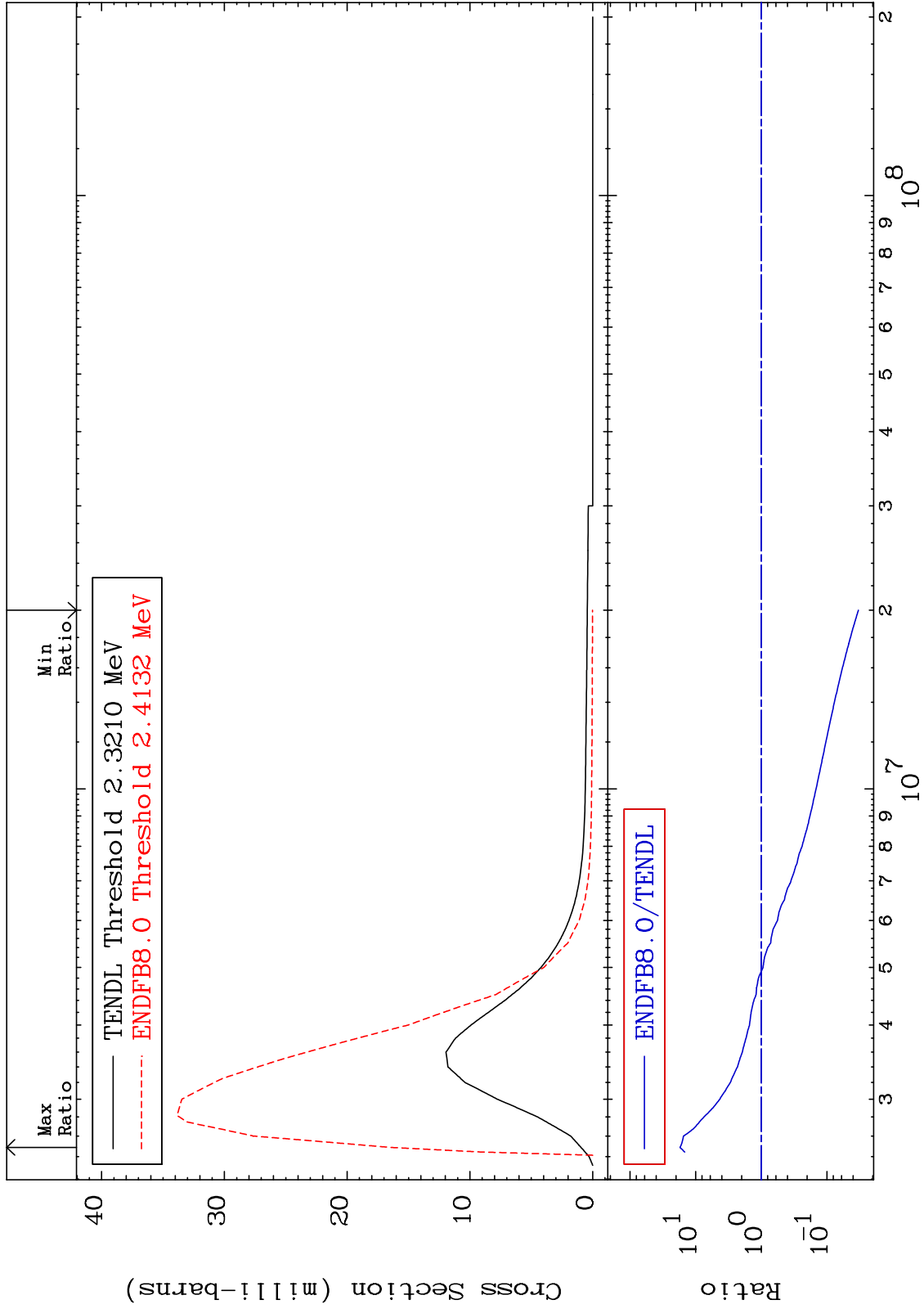
54-Xe-132
-95.31 To 6403. %



MAT 5449

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

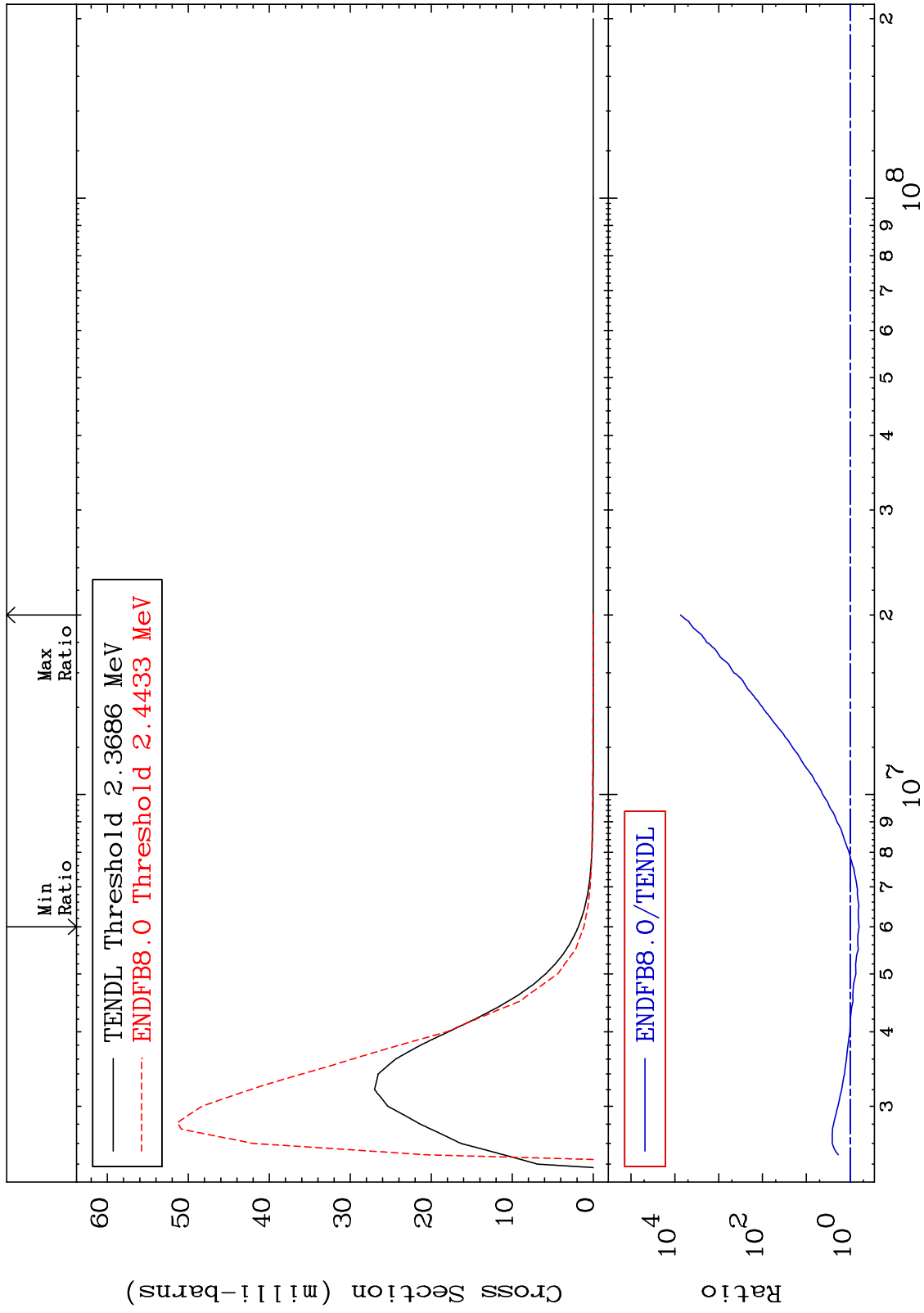
54-Xe-132
-96.68 To 1634. %



MAT 5449

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

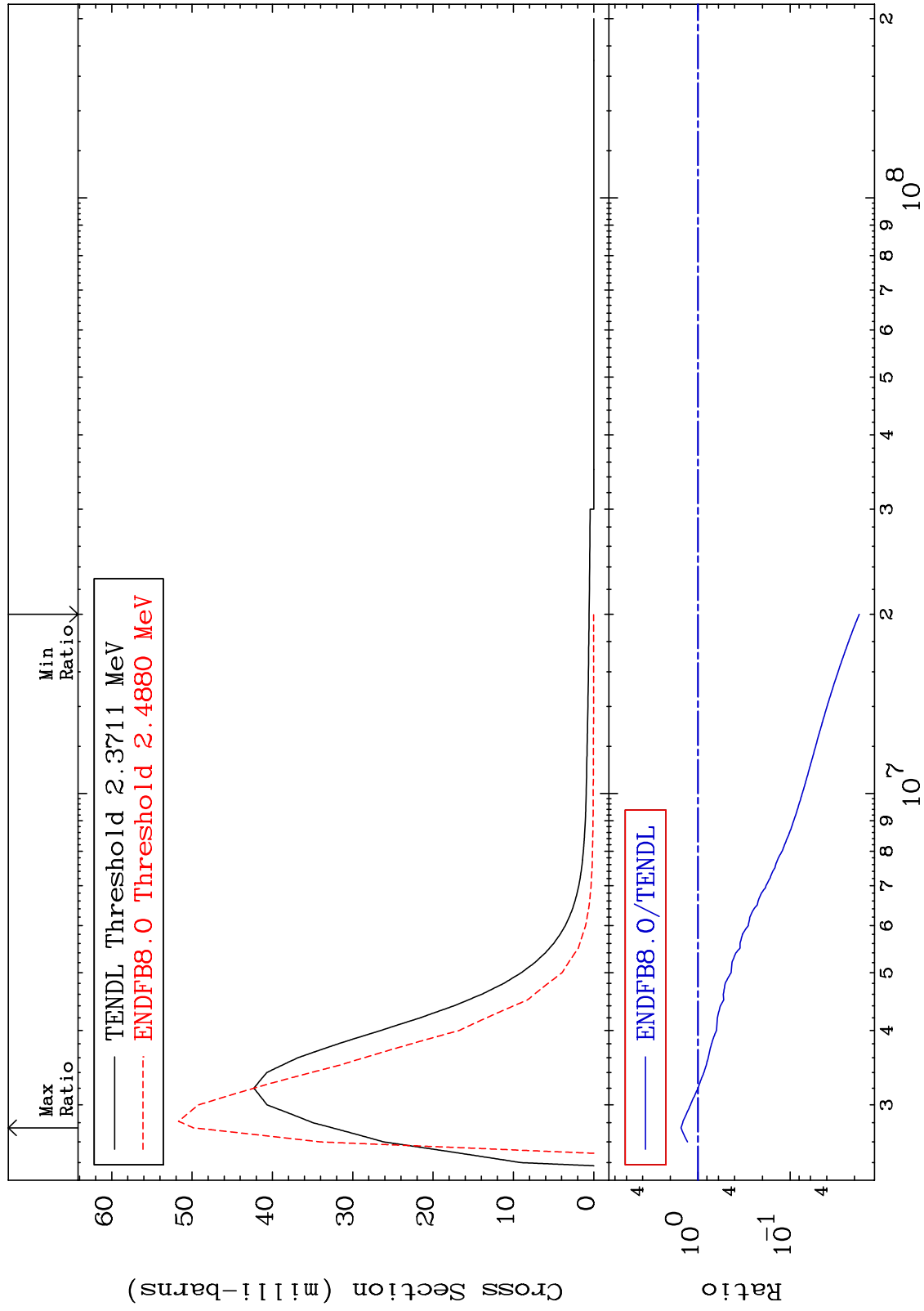
54-Xe-132
-37.65 To 9999. %



MAT 5449

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

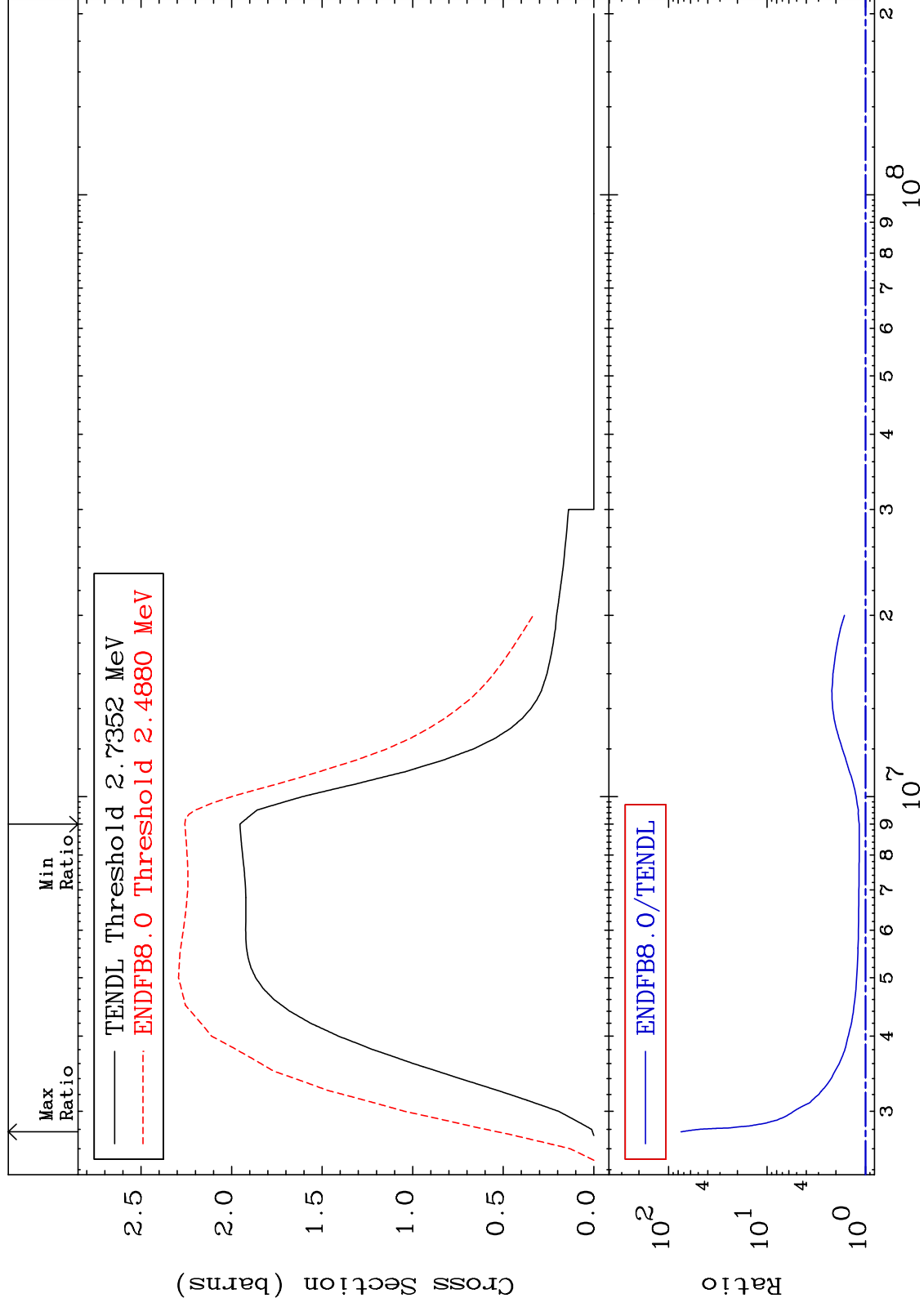
54-Xe-132
-98.23 To 53.16 %



MAT 5449

(n,n') Continuum
Cross Section

54-Xe-132
15.55 To 7379. %



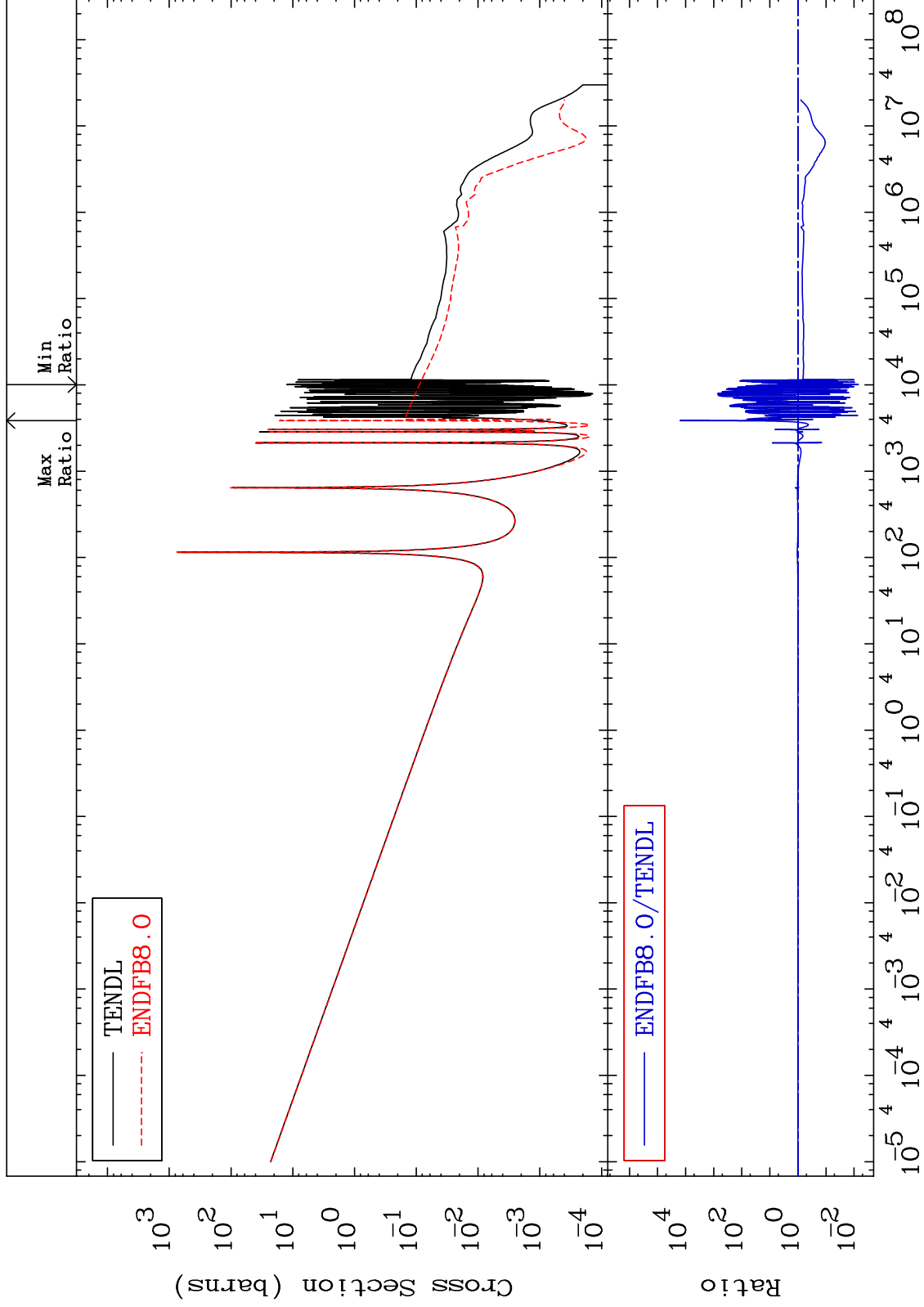
MAT 5449

(n, γ)

54-Xe-132

Cross Section

-99.30 To 9999. %



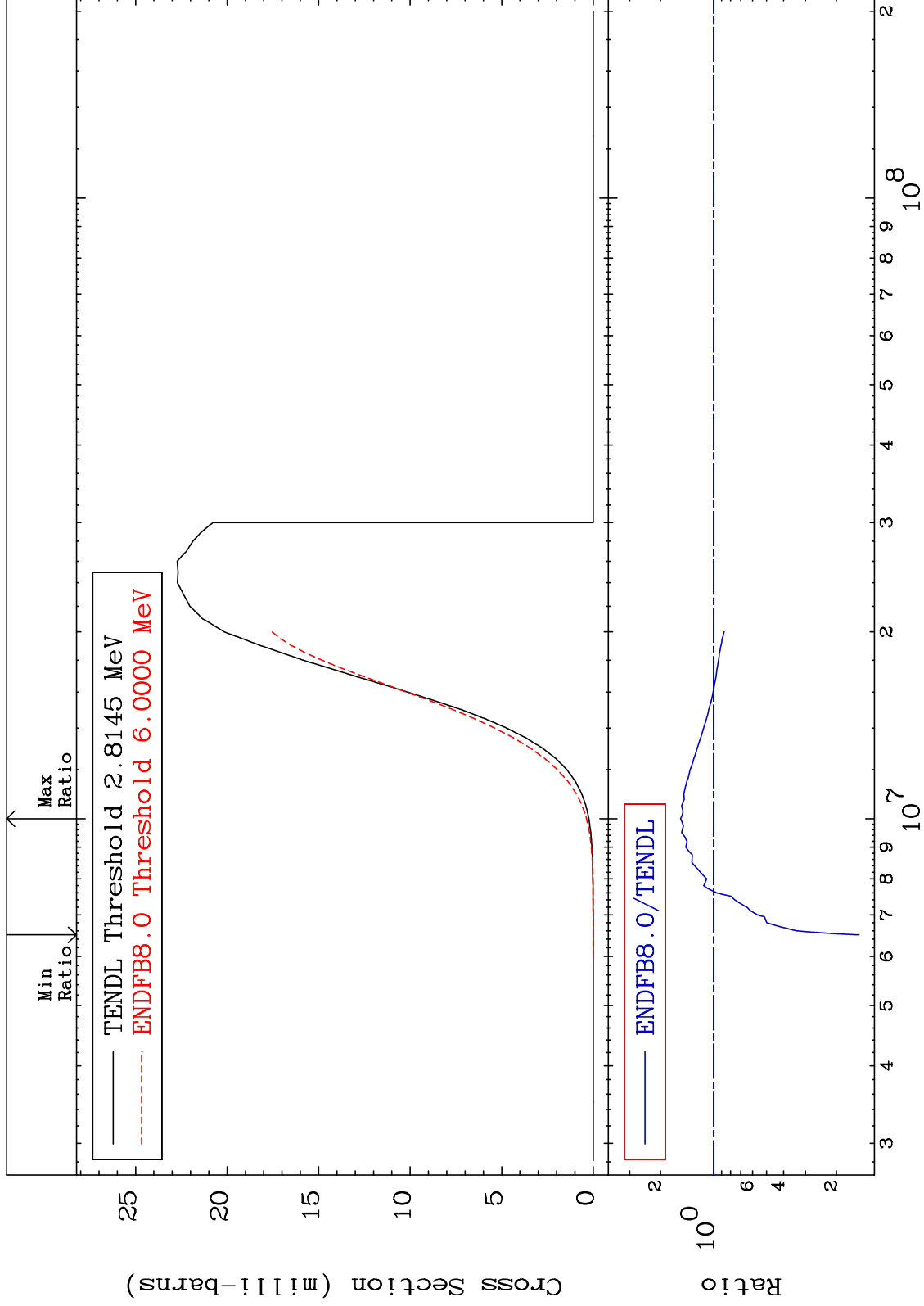
MAT 5449

(n, p)

54-Xe-132

Cross Section

-85.14 To 53.83 %



27

Incident Energy (eV)

54-Xe-132

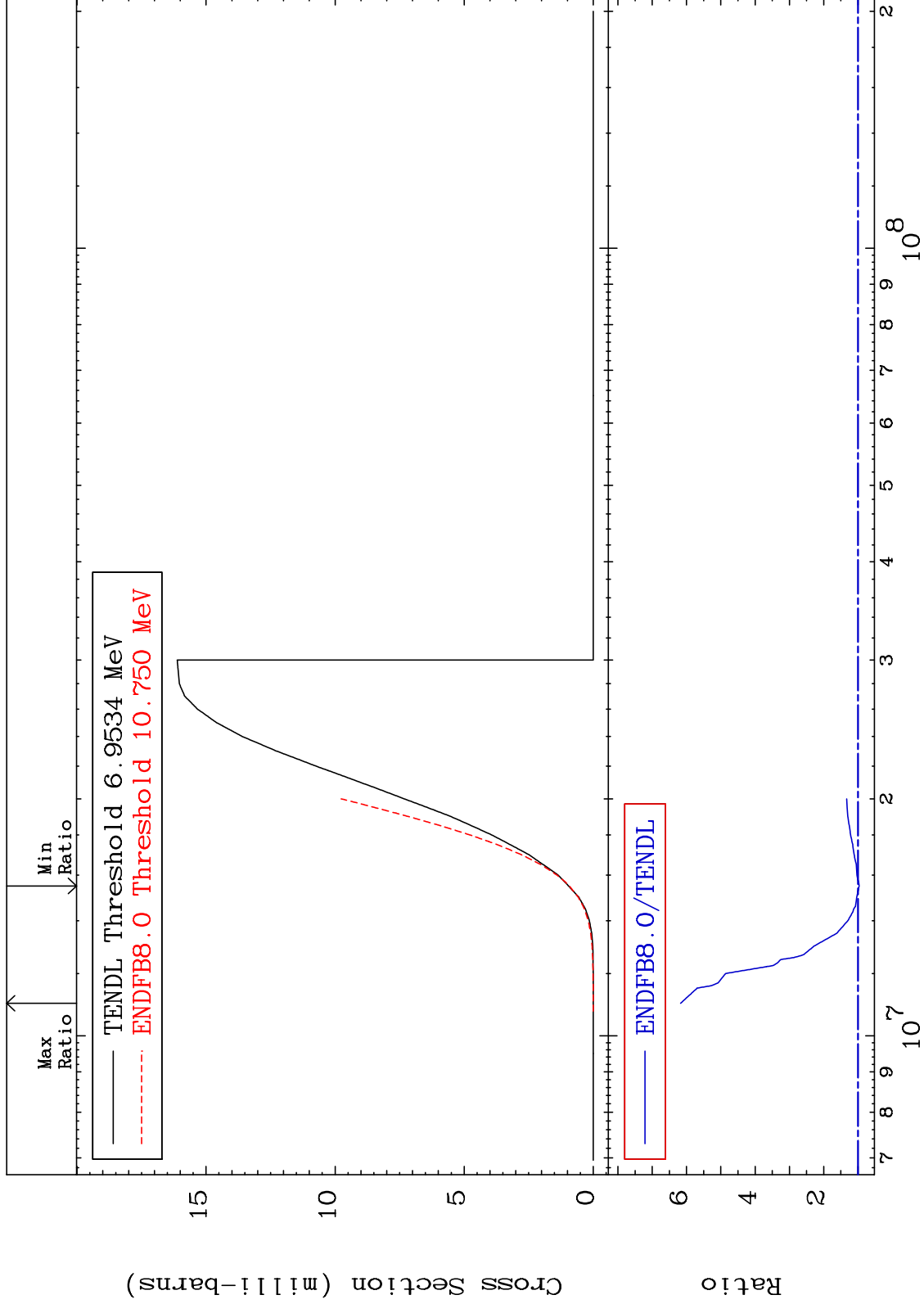
MAT 5449

(n, d)

54-Xe-132

Cross Section

-3.351 To 517.1 %



28

Incident Energy (eV)

54-Xe-132

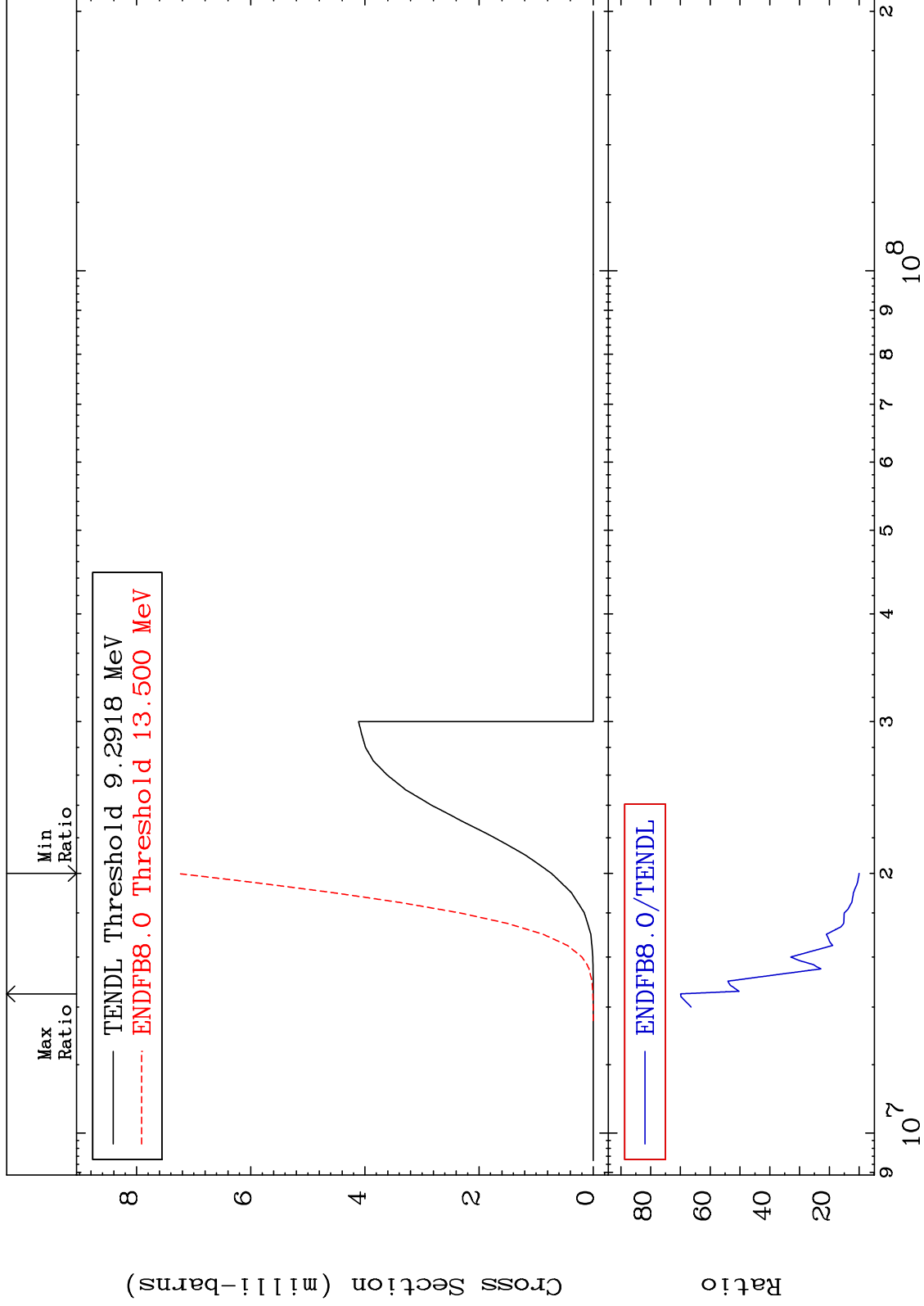
MAT 5449

(n, t)

54-Xe-132

Cross Section

897.8 To 6894. %



29

Incident Energy (eV)

54-Xe-132

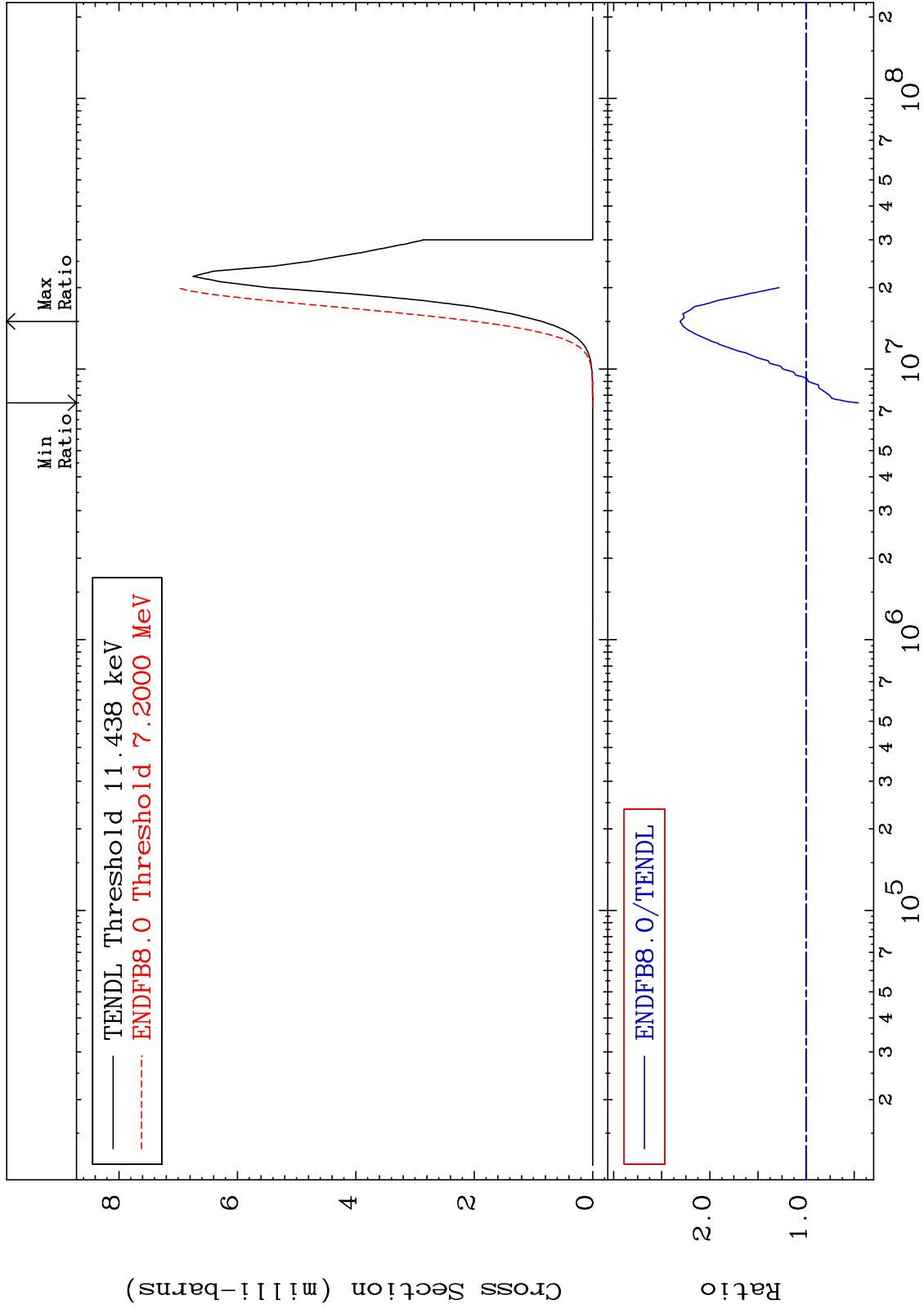
MAT 5449

(n, α)

54-Xe-132

Cross Section

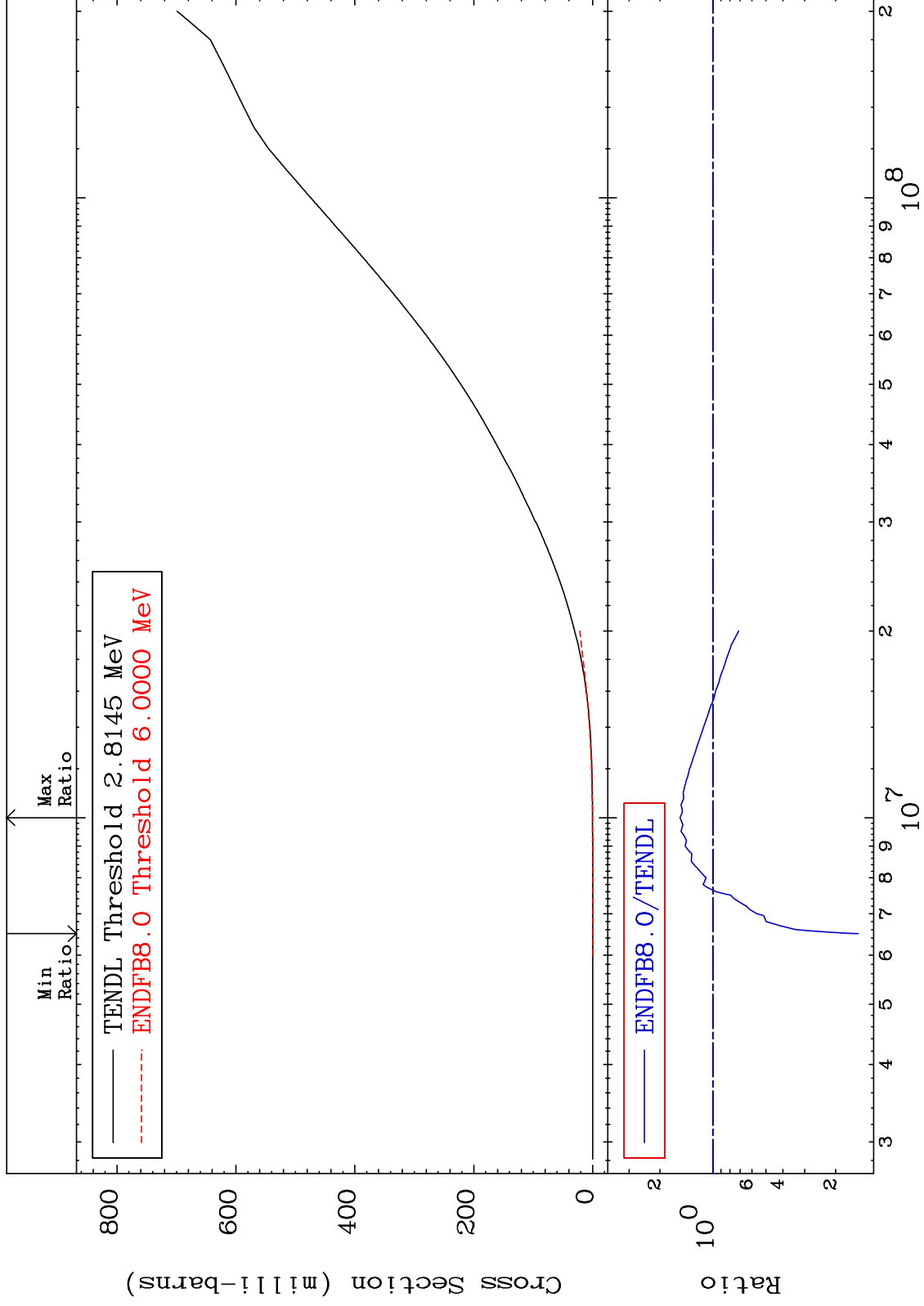
-54.40 To 131.0 %



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Hydrogen Production
Cross Section

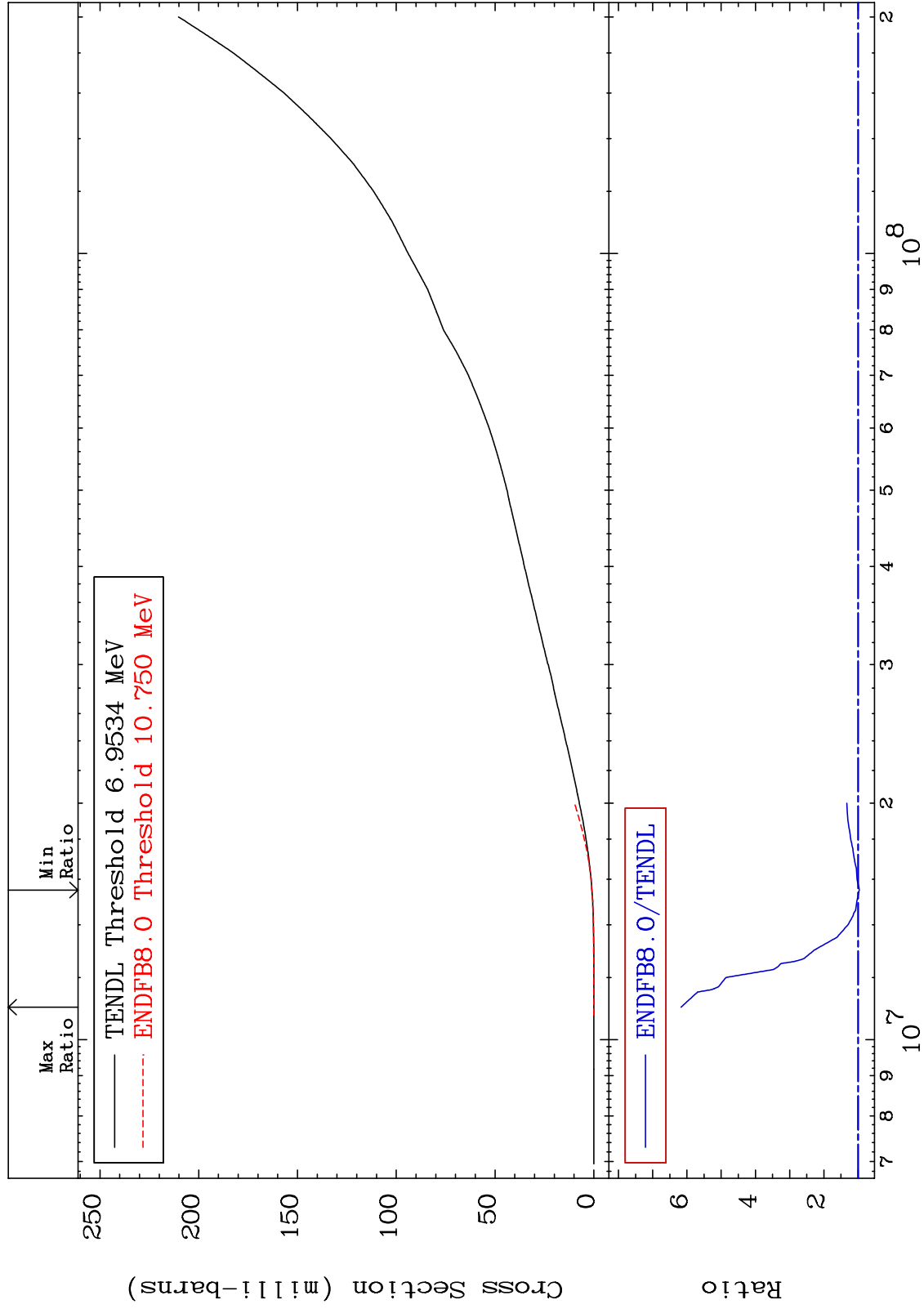
54-Xe-132
-85.14 To 53.83 %



MAT 5449

Deuterium Production
Cross Section

54-Xe-132
-3.351 To 517.1 %



32

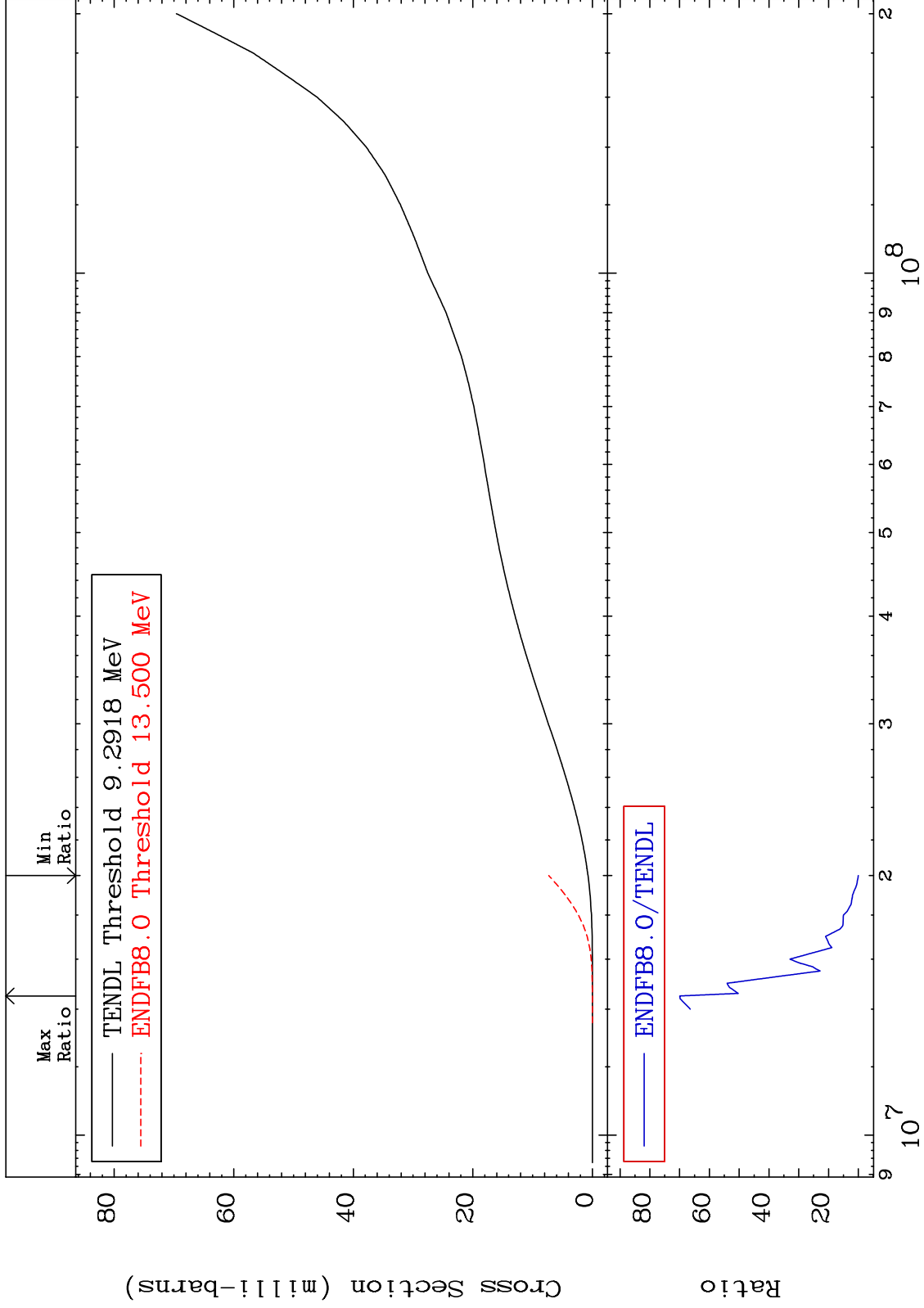
Incident Energy (eV)

54-Xe-132

MAT 5449

Tritium Production
Cross Section

54-Xe-132
897.8 To 6894. %



33

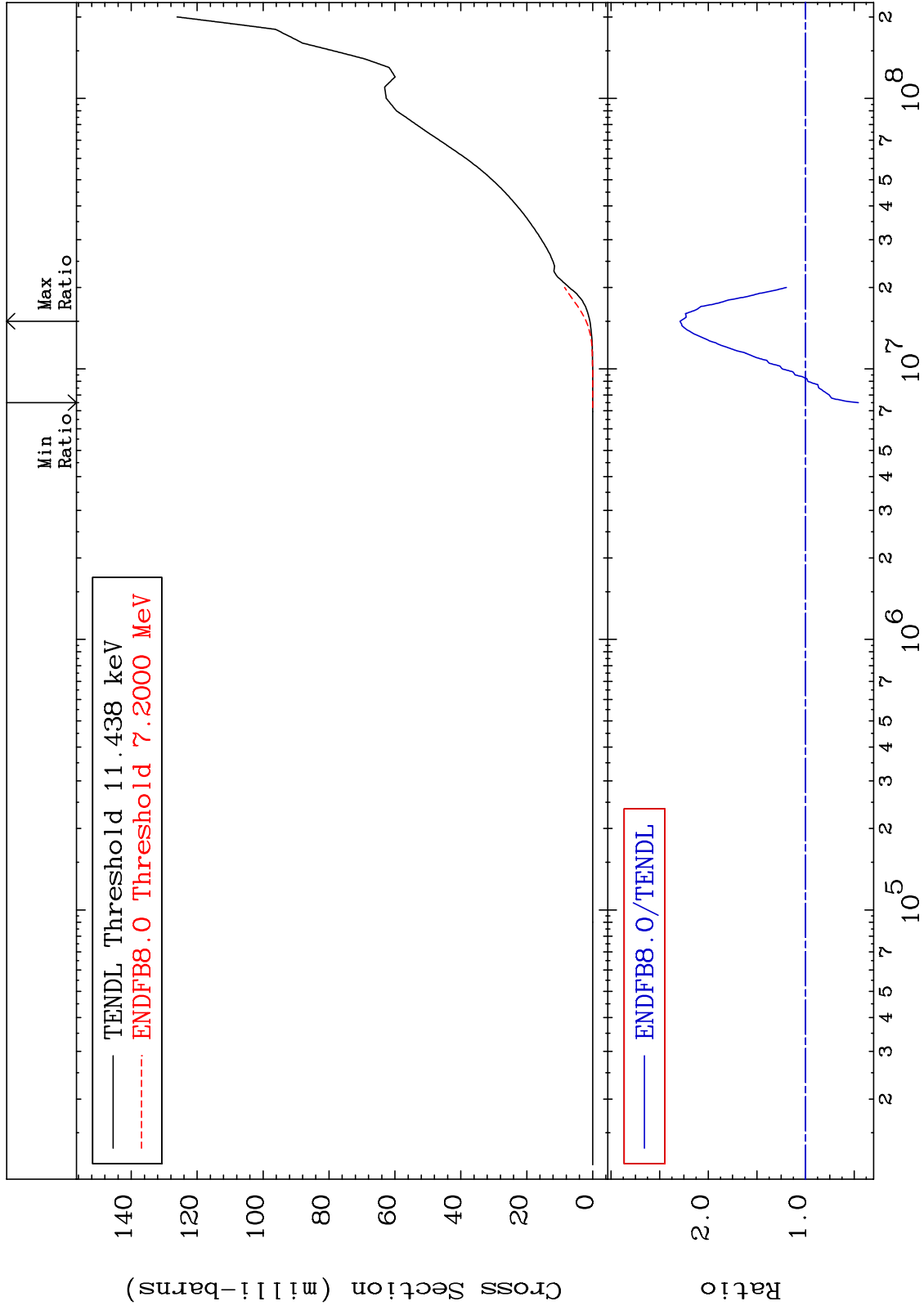
Incident Energy (eV)

54-Xe-132

MAT 5449

He-4 Production
Cross Section

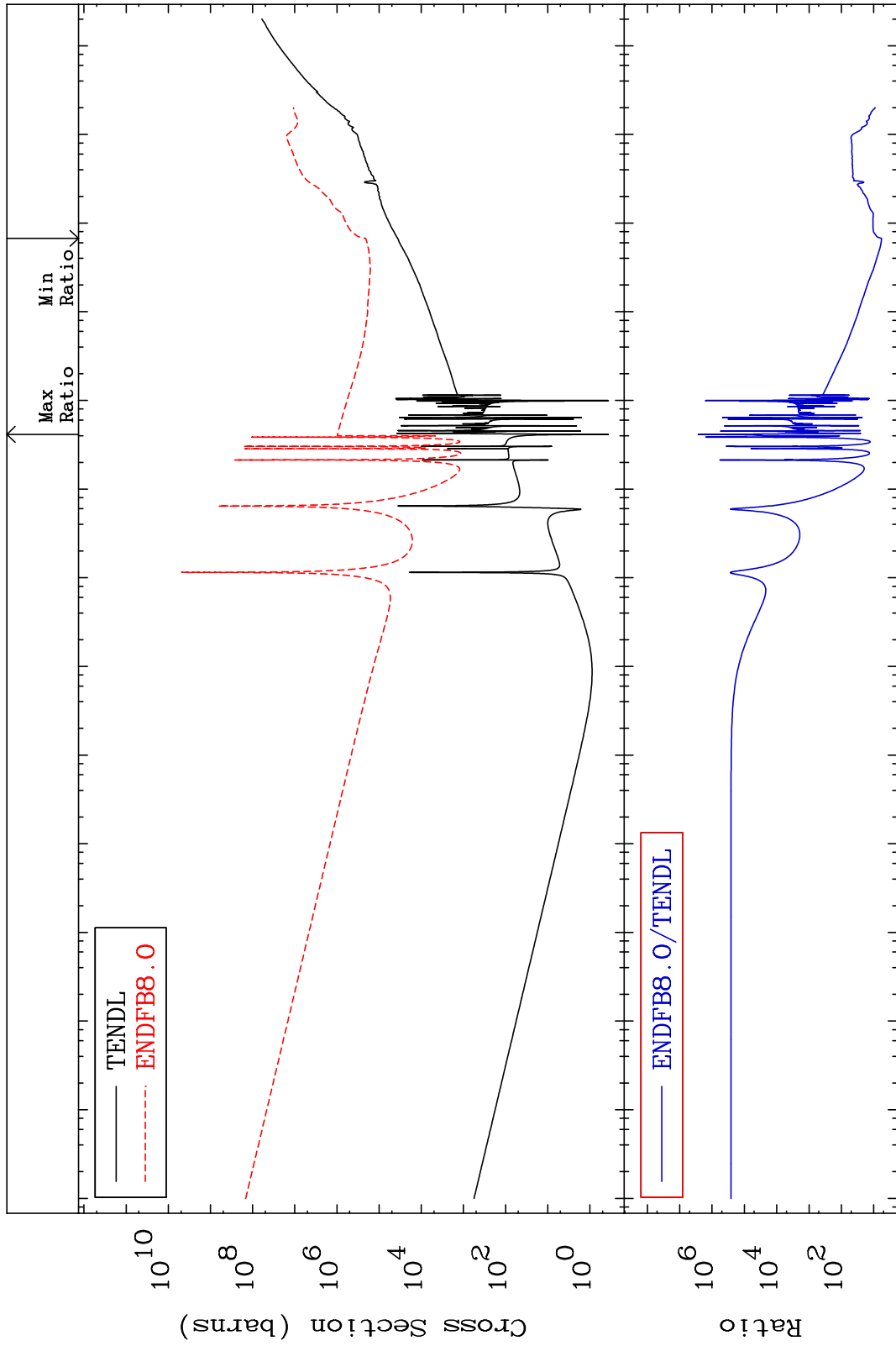
54-Xe-132
-54.40 To 129.1 %



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Kerma total (eV-barns)
Cross Section

54-Xe-132
474.3 To 9999. %



35

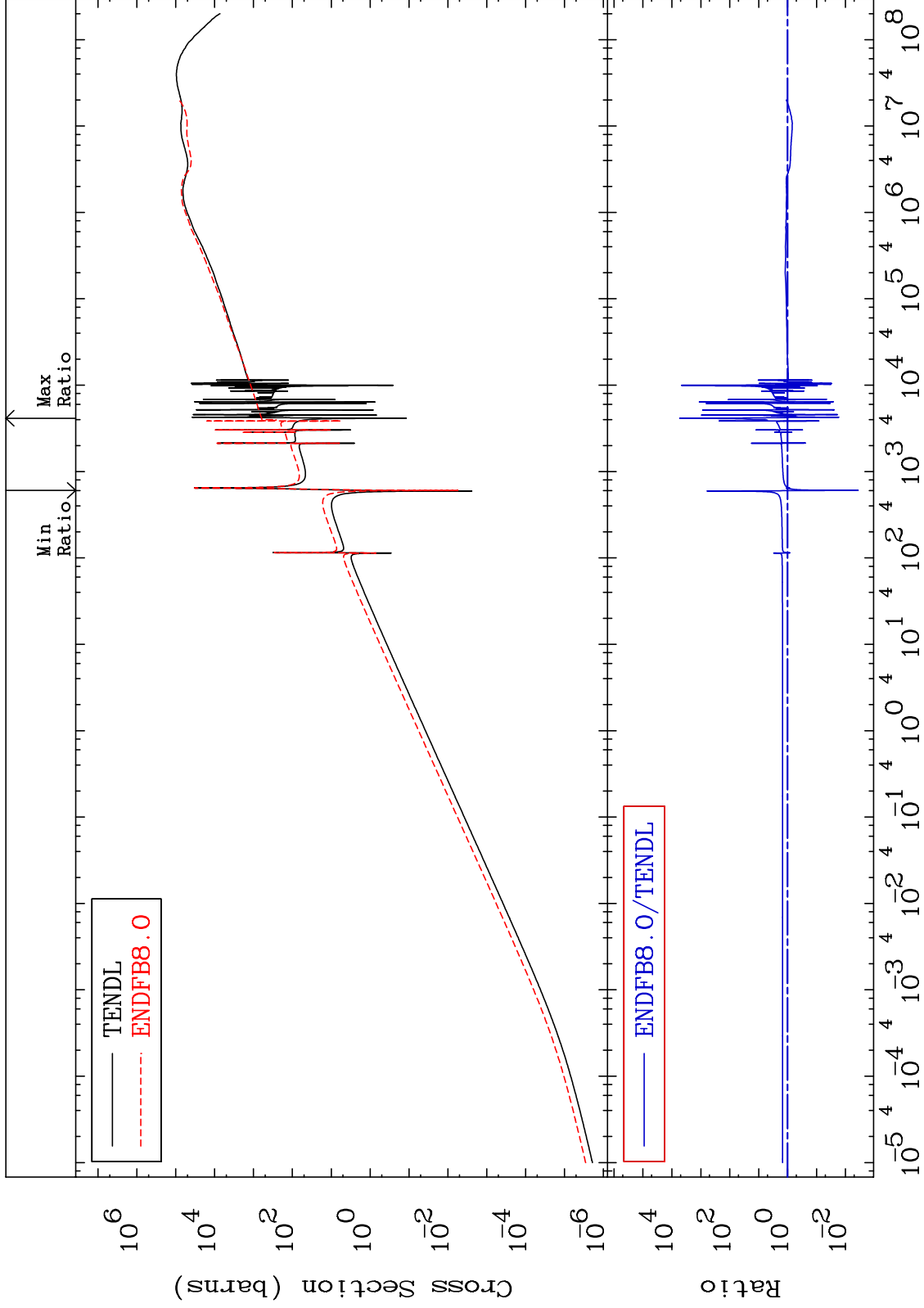
Incident Energy (eV)

54-Xe-132

MAT 5449

Kerma elastic
Cross Section

54-Xe-132
-99.64 To 9999. %



36

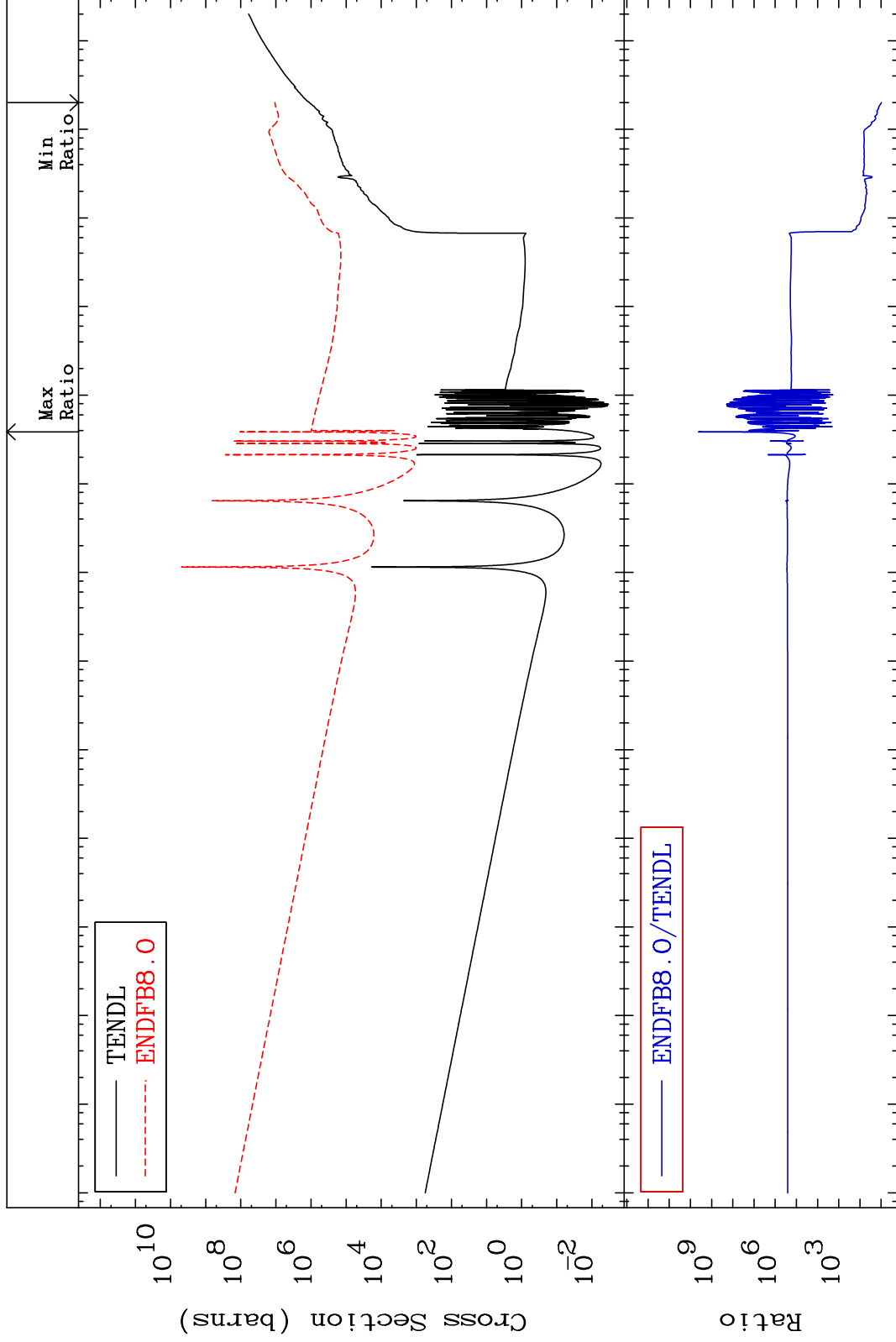
Incident Energy (eV)

54-Xe-132

MAT 5449

Kerma non-elastic (all but mt2)
Cross Section

54-Xe-132
854.8 To 9999. %



37

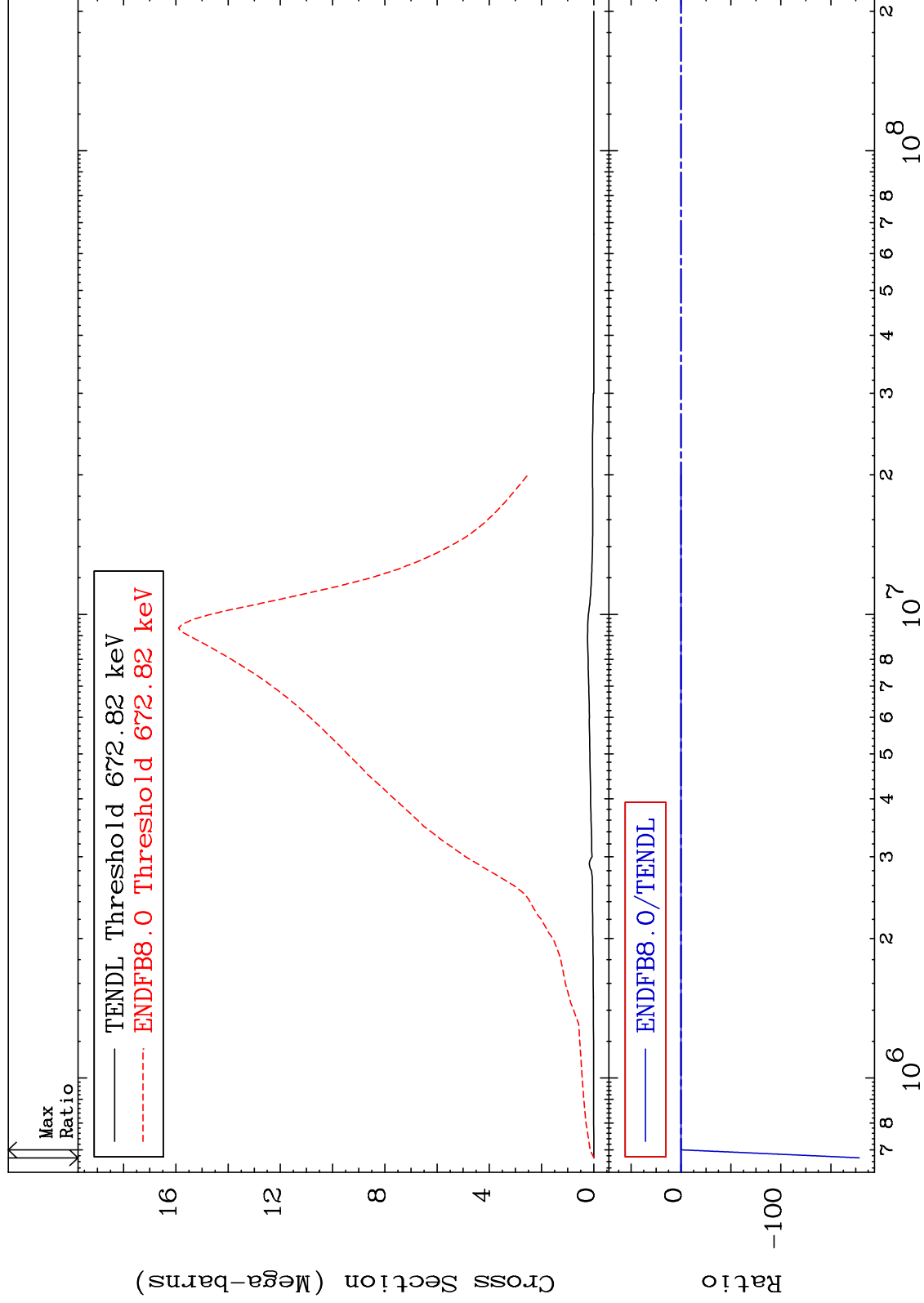
Incident Energy (eV)

54-Xe-132

MAT 5449

Kerma inelastic (mt51-91)
Cross Section

54-Xe-132
-9999. To 9999. %



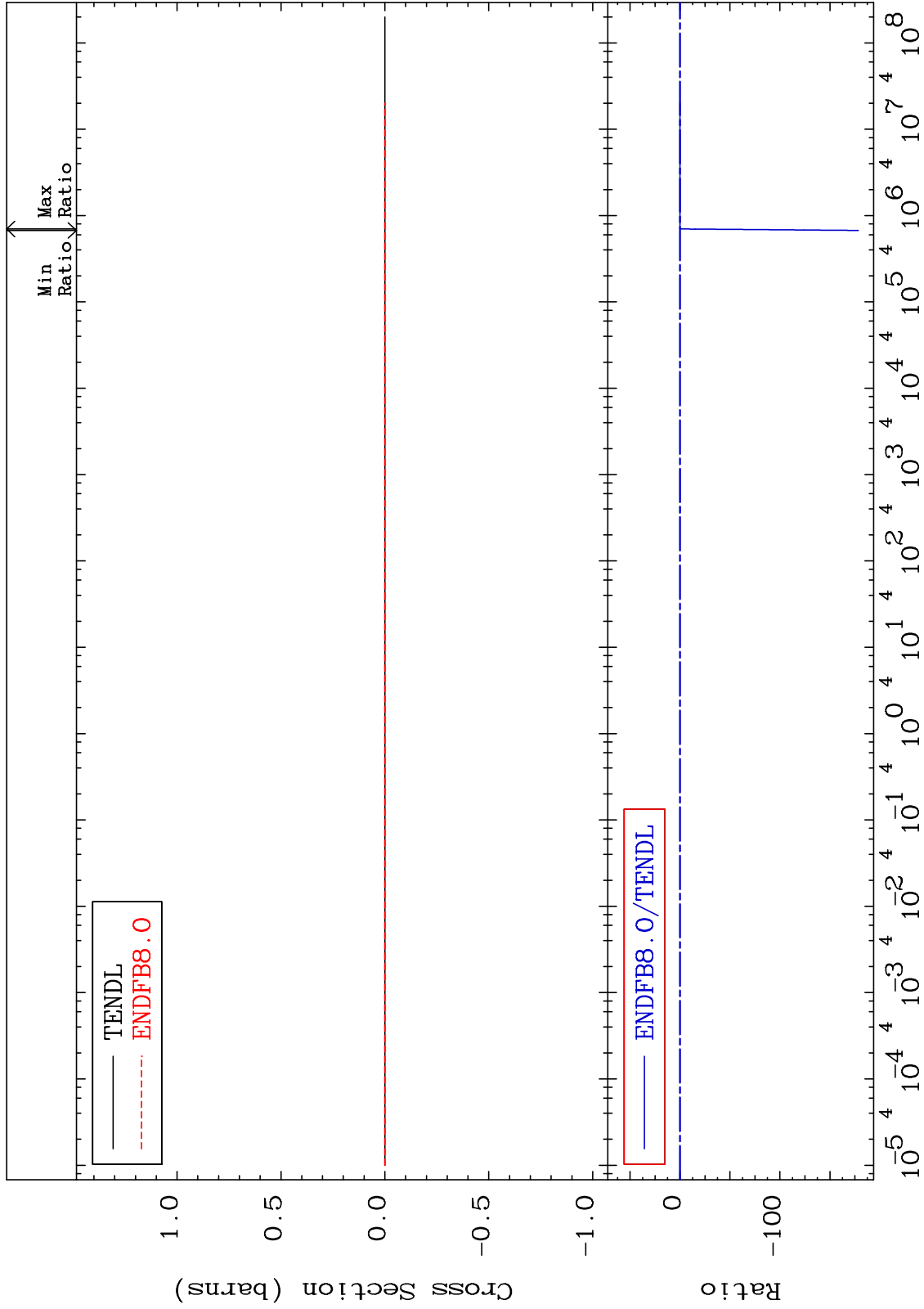
38

54-Xe-132

MAT 5449

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

54-Xe-132
-9999. To 9999. %



39

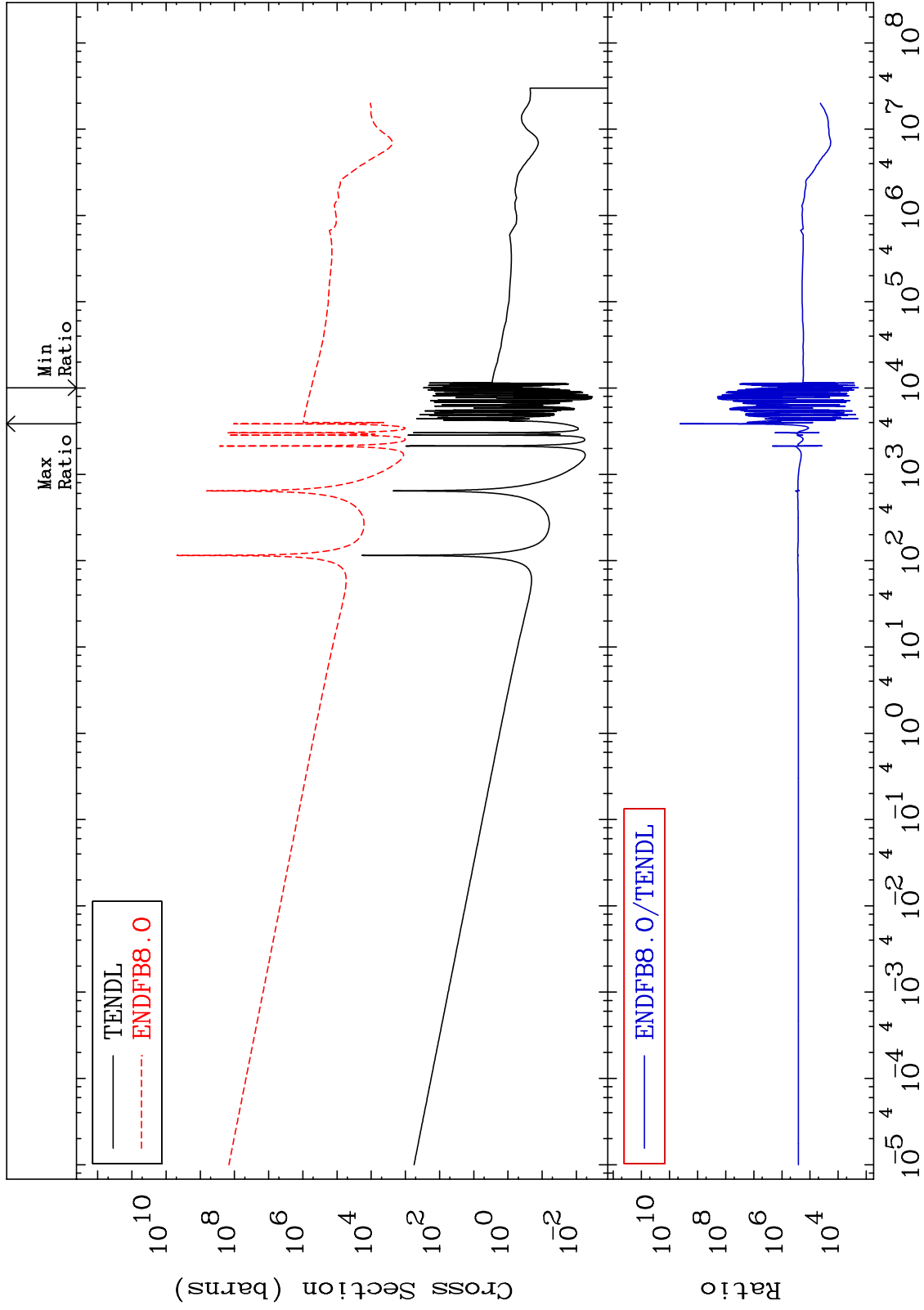
Incident Energy (eV)

54-Xe-132

MAT 5449

Kerma capture (mt102)
Cross Section

54-Xe-132
9999. To 9999. %



40

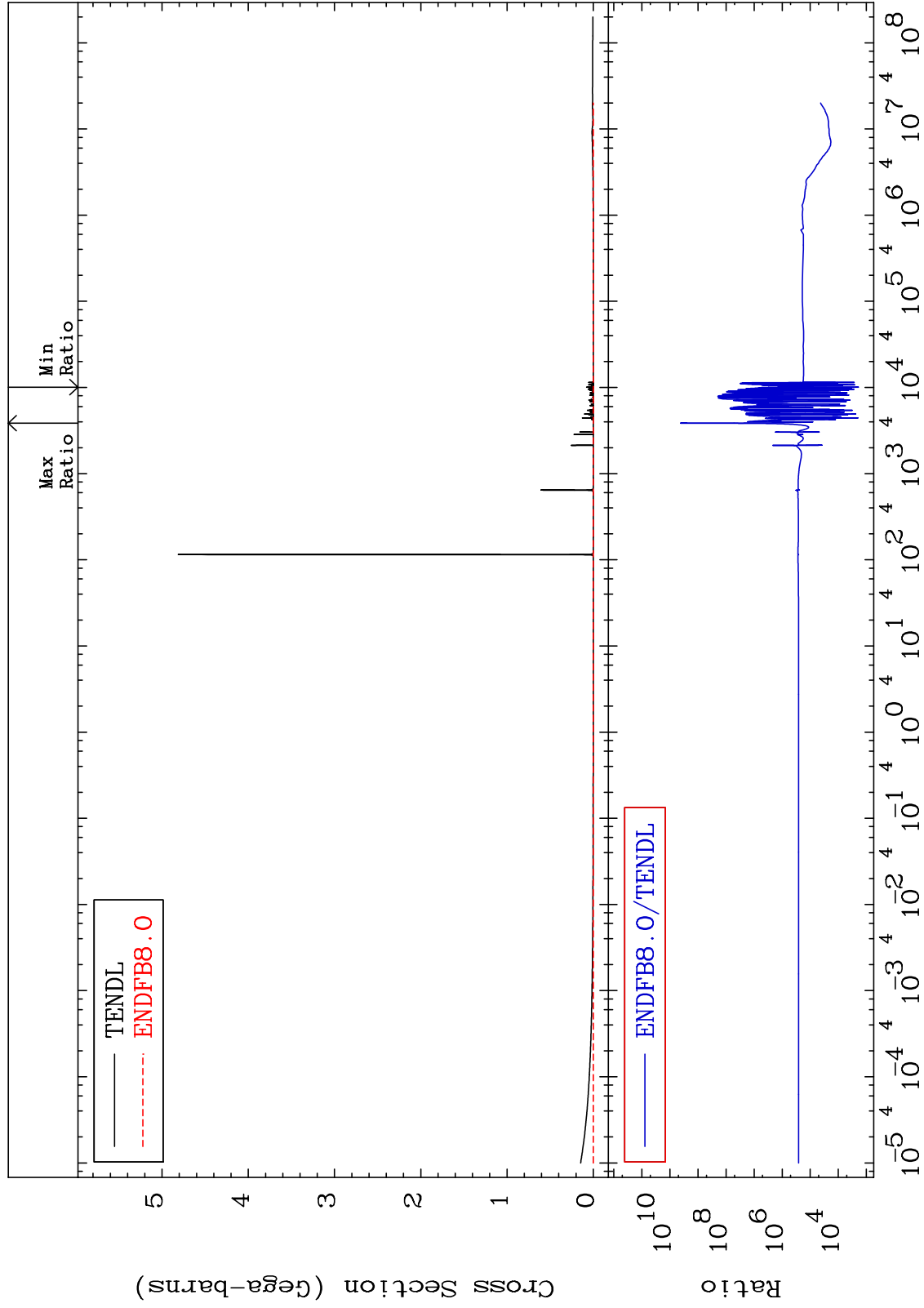
Incident Energy (eV)

54-Xe-132

MAT 5449

Total photon (eV-barns)
Cross Section

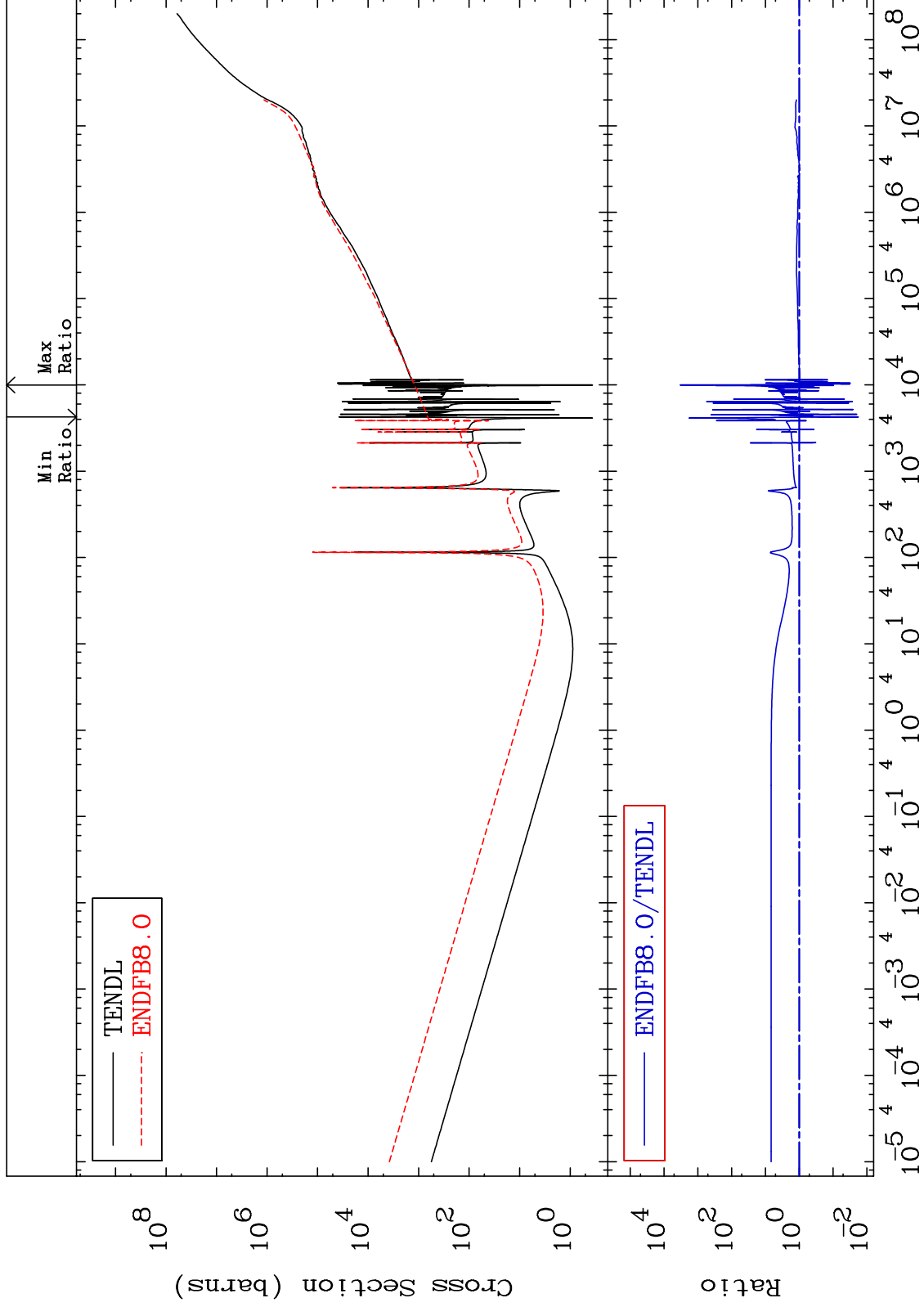
54-Xe-132
9999. To 9999. %



MAT 5449

Total kinematic kerma (high limit)
Cross Section

54-Xe-132
-98.23 To 9999. %



42

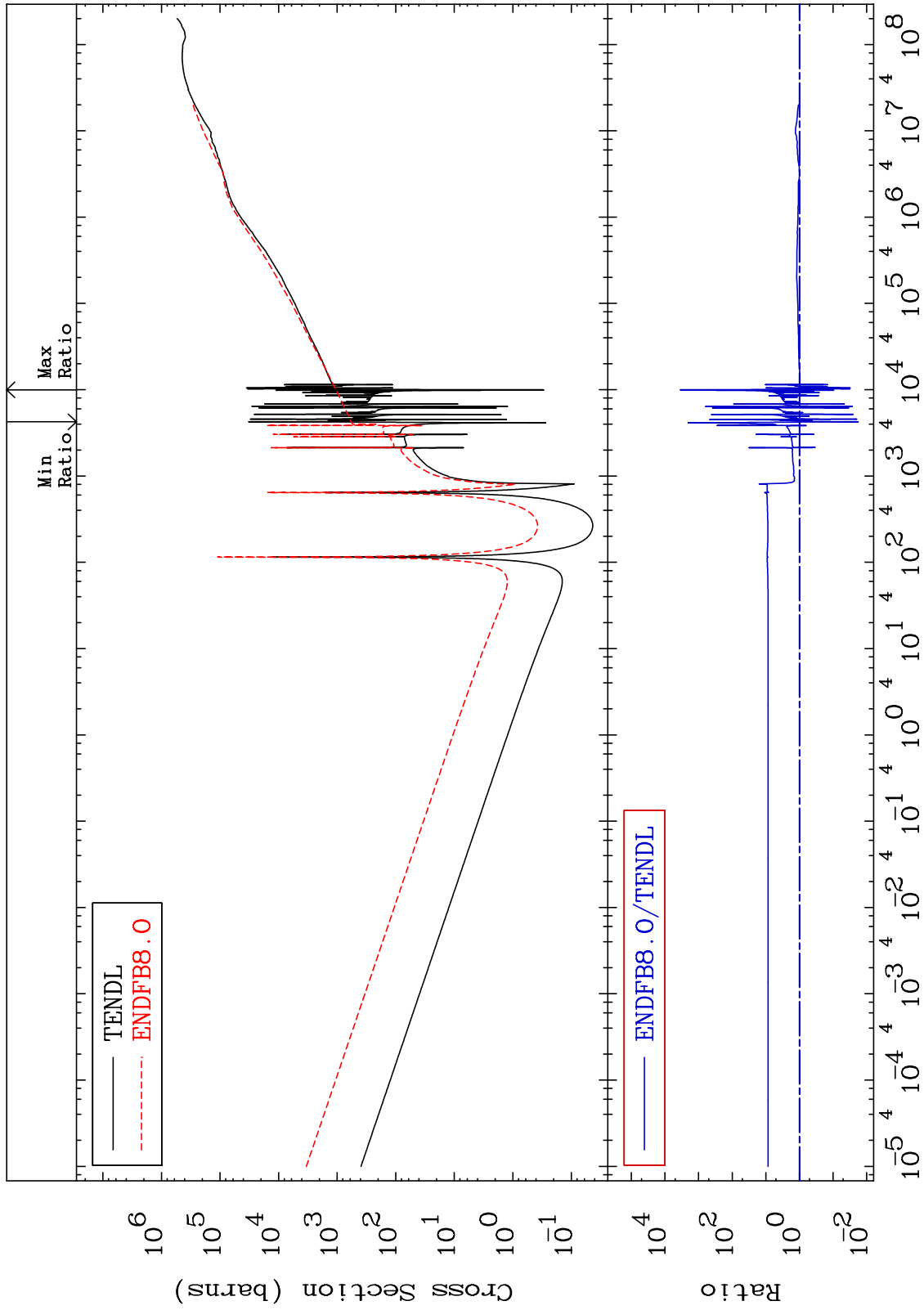
Incident Energy (eV)

54-Xe-132

MAT 5449

Dpa total (eV-barns)
Cross Section

54-Xe-132
-98.24 To 9999. %



43

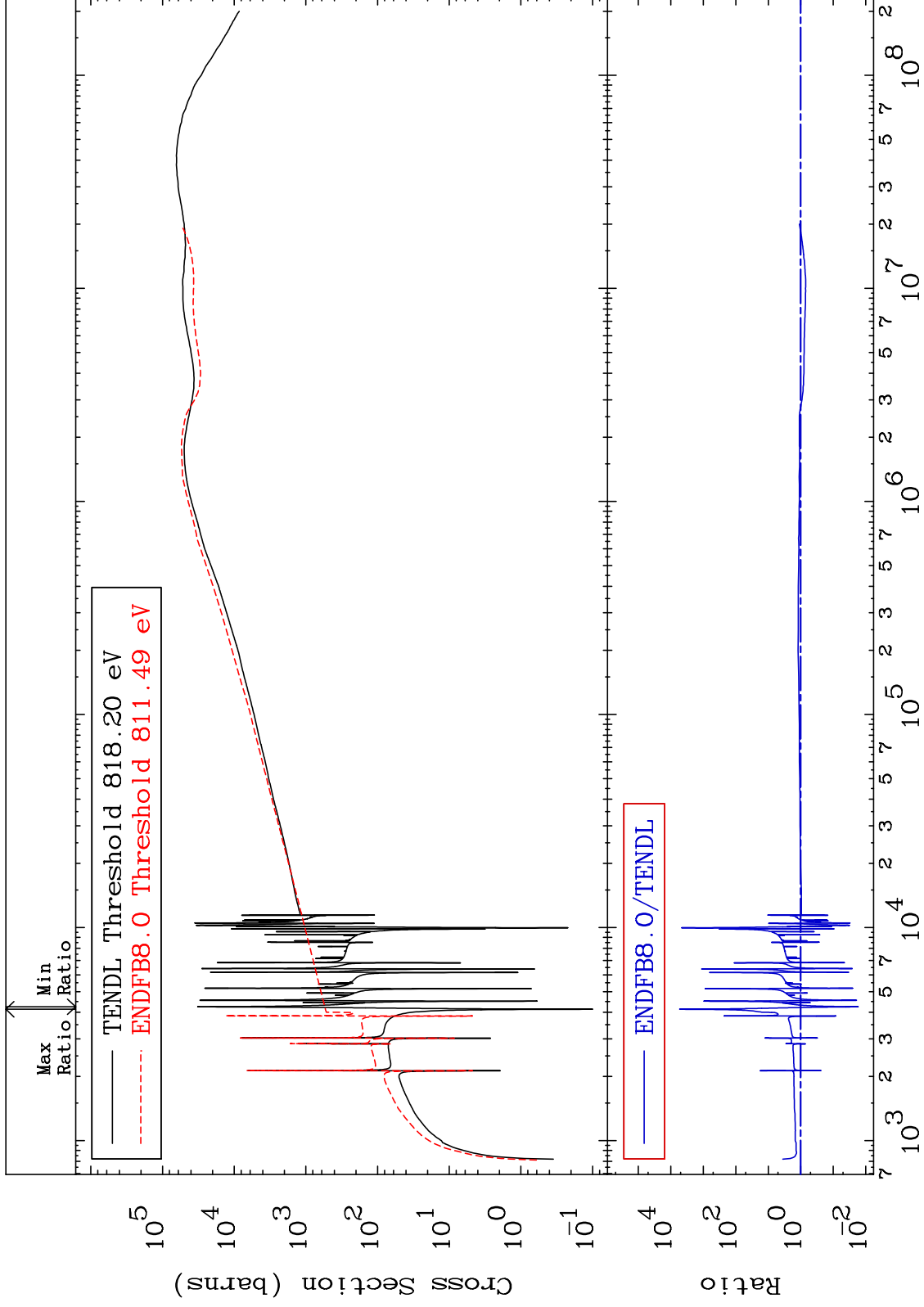
Incident Energy (eV)

54-Xe-132

MAT 5449

Dpa elastic (mt2)
Cross Section

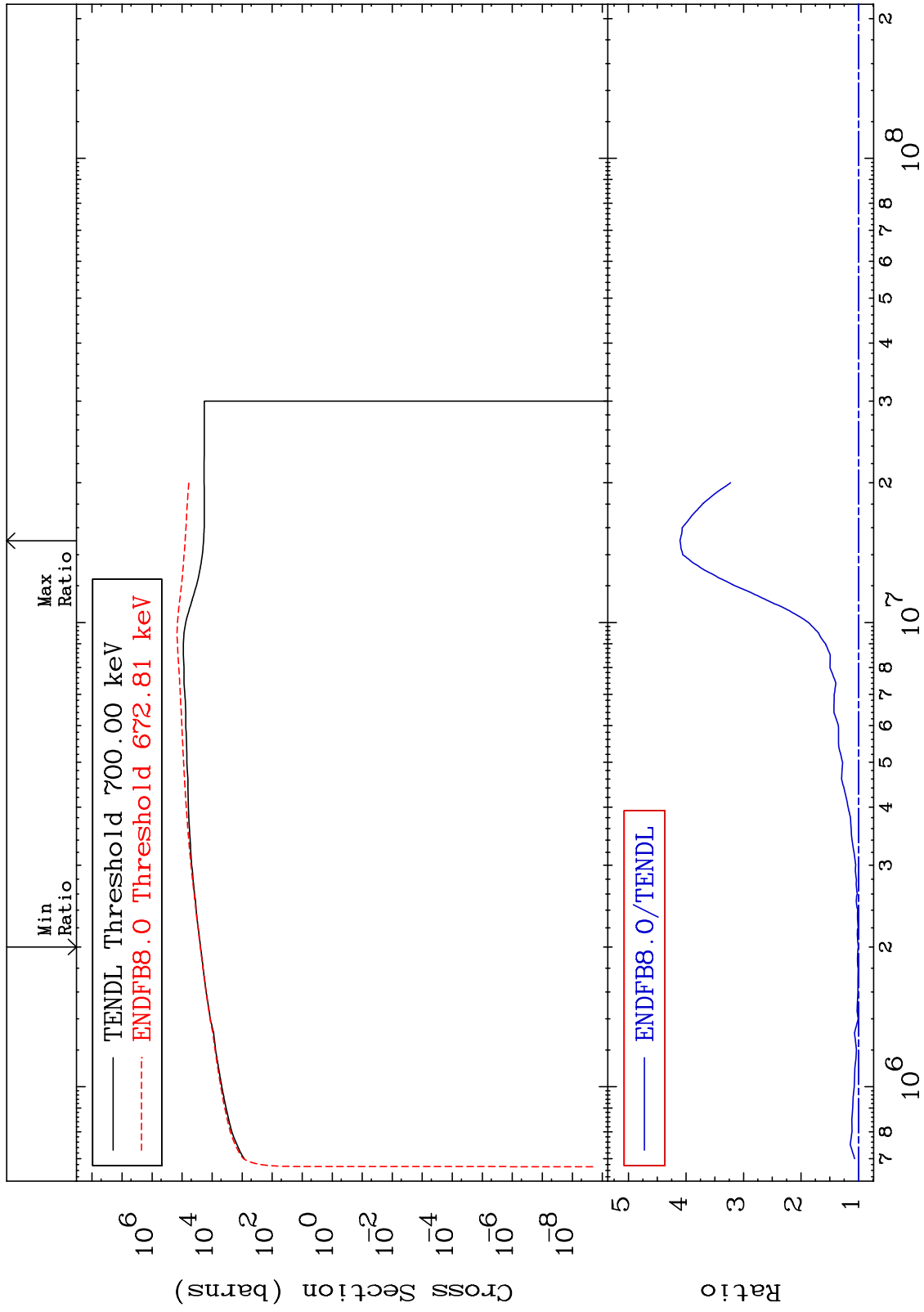
54-Xe-132
-98.31 To 9999. %



MAT 5449

Dpa inelastic (mt51-91)
Cross Section

54-Xe-132
0.335 To 310.4 %



45

Incident Energy (eV)

54-Xe-132

MAT 5449

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-132
-92.17 To 9999. %

