

Program Complot
(Version 2018-1)

by

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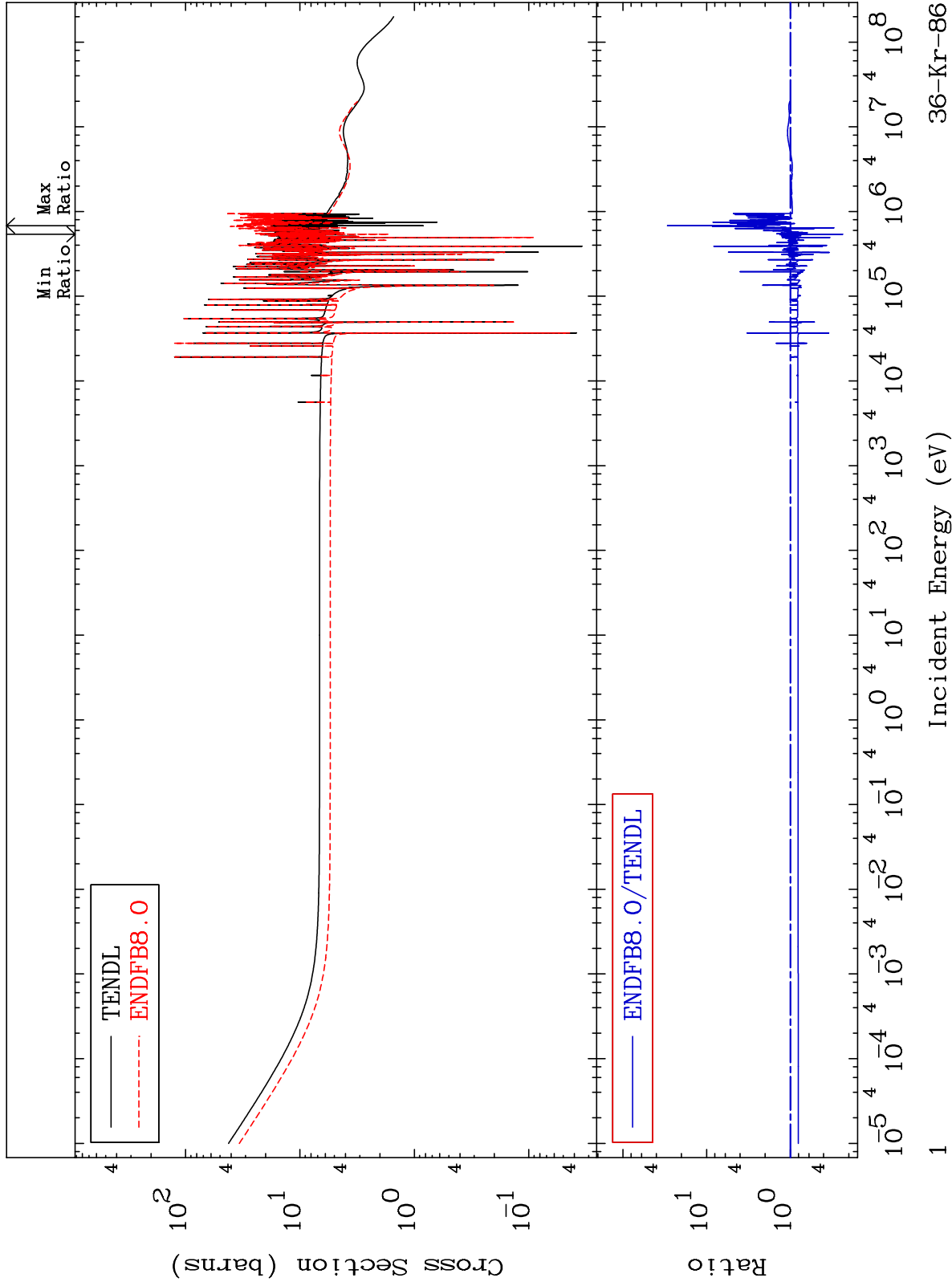
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3649

Total
Cross Section

36-Kr-86
-76.31 To 2836. %



36-Kr-86

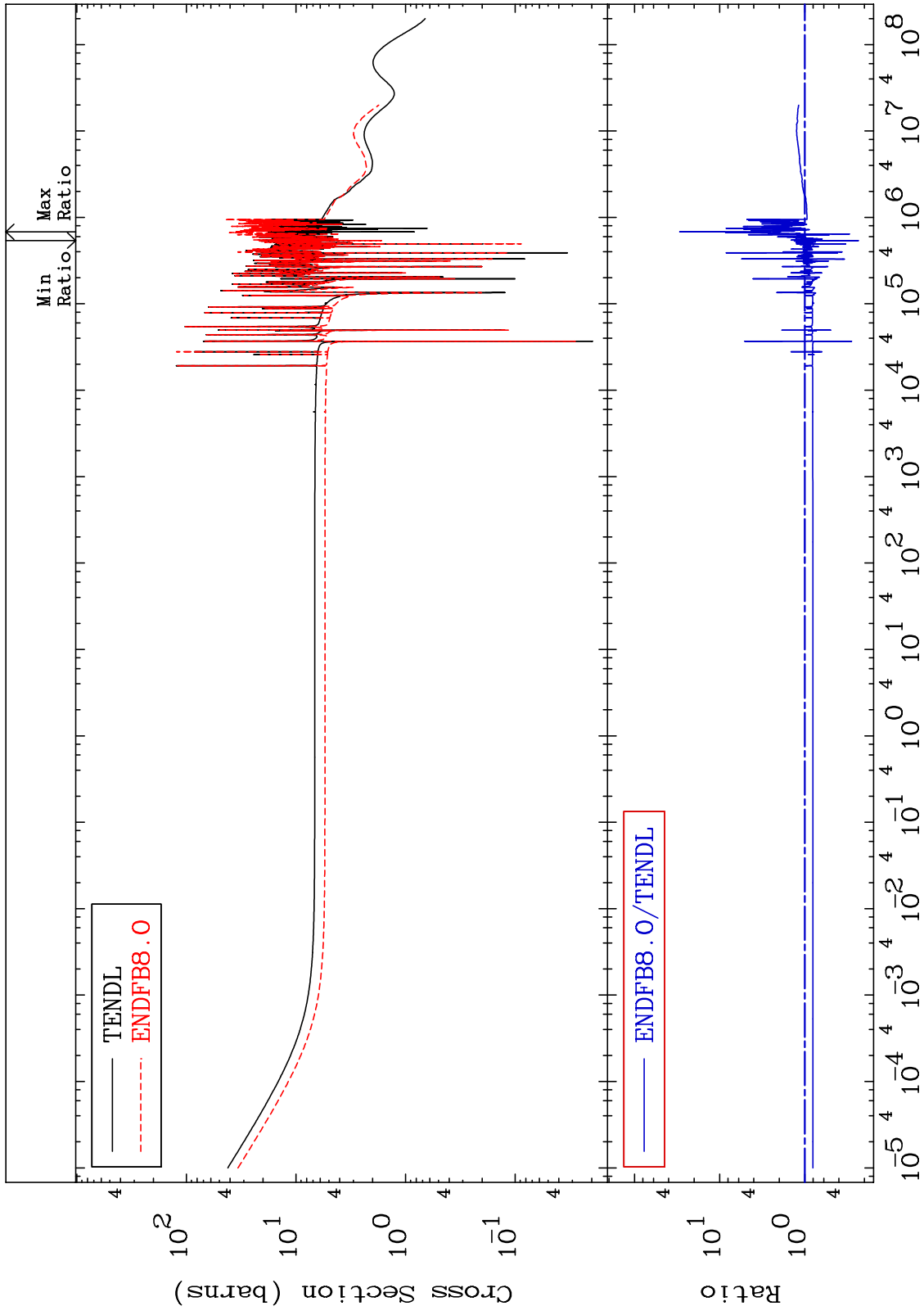
Incident Energy (eV)

1

MAT 3649

Elastic
Cross Section

36-Kr-86
-76.43 To 2847. %



Incident Energy (eV)

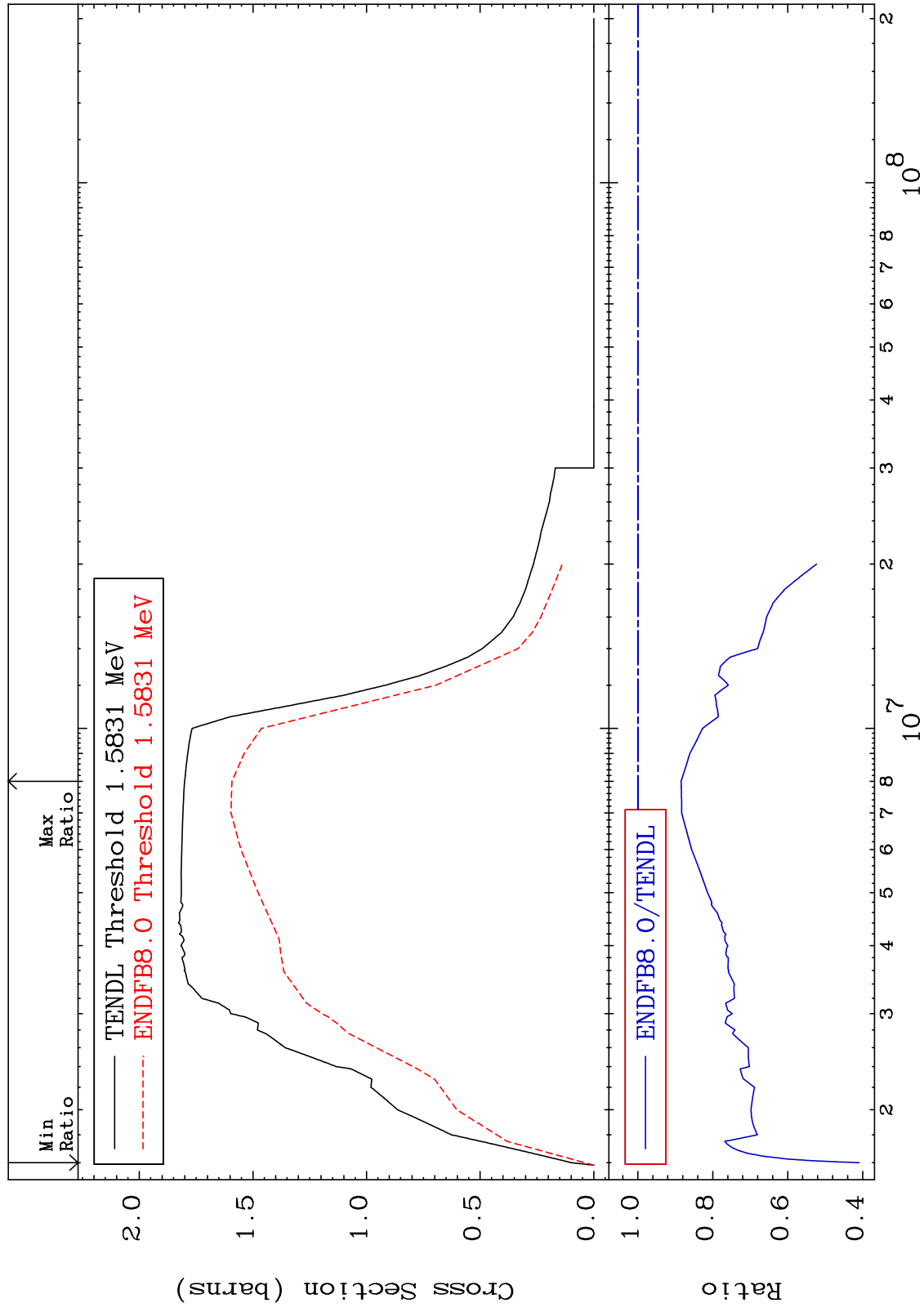
36-Kr-86

2

MAT 3649

Inelastic
Cross Section

36-Kr-86
-59.11 To -11.54%



3

Incident Energy (eV)

36-Kr-86

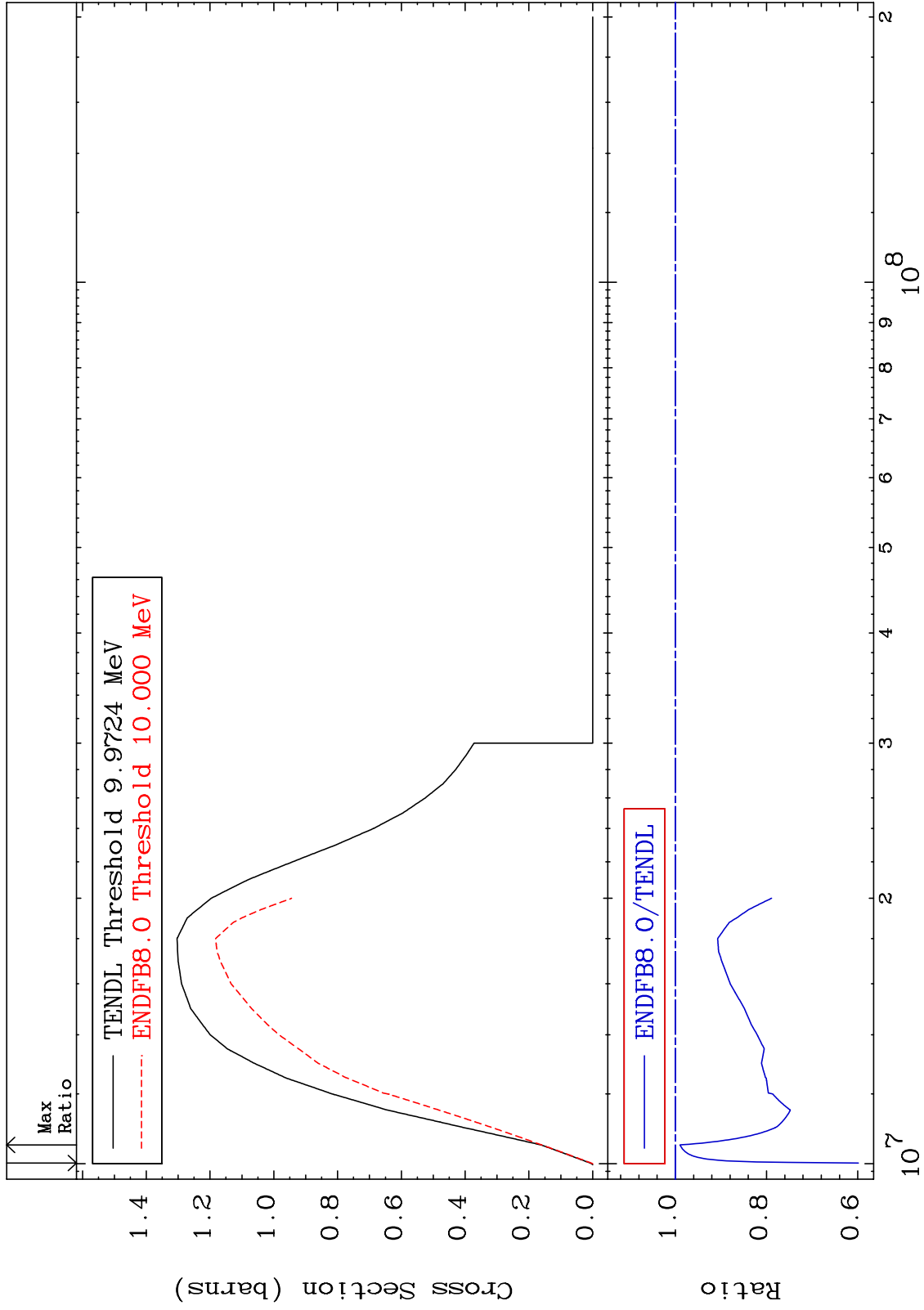
MAT 3649

(n,2n)

³⁶Kr-86

Cross Section

-40.14 To -1.026%



36-Kr-86

36-Kr-86

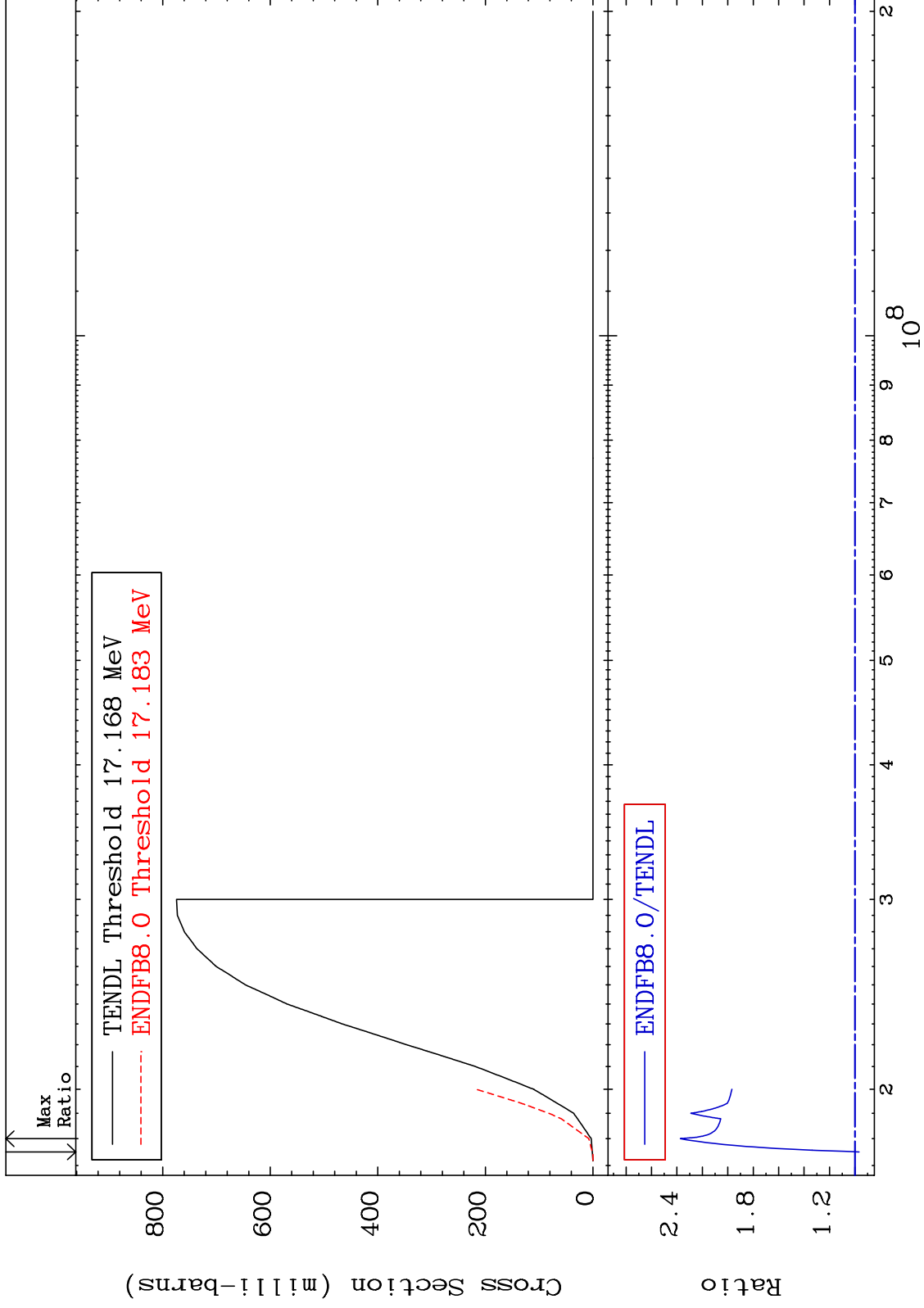
MAT 3649

(n,3n)

36-Kr-86

Cross Section

-3.285 To 137.3 %



5

Incident Energy (eV)

36-Kr-86

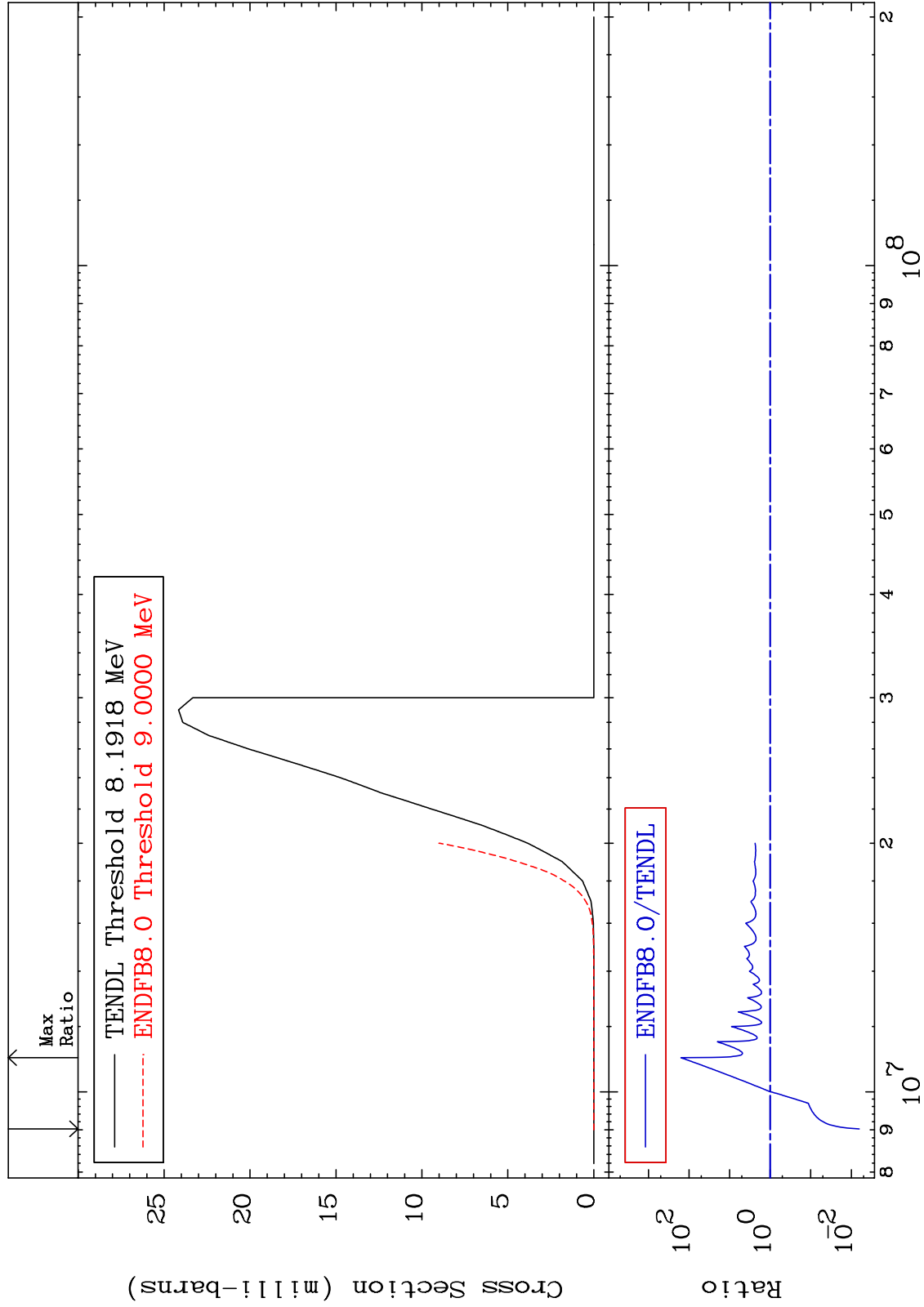
MAT 3649

(n, n') α

36-Kr-86

Cross Section

-99.36 To 9999. %



6

Incident Energy (eV)

36-Kr-86

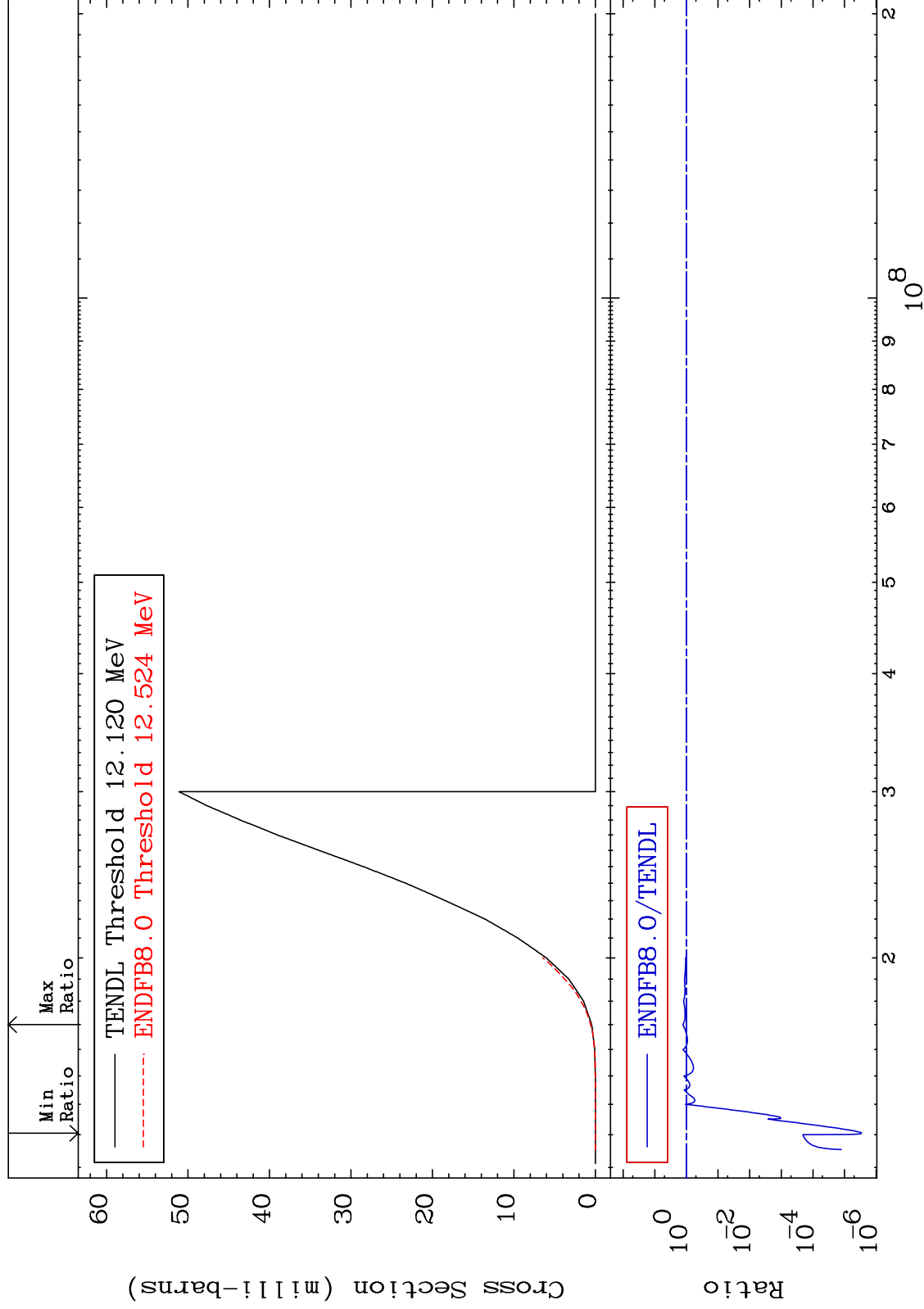
MAT 3649

(n,n') p

36-Kr-86

Cross Section

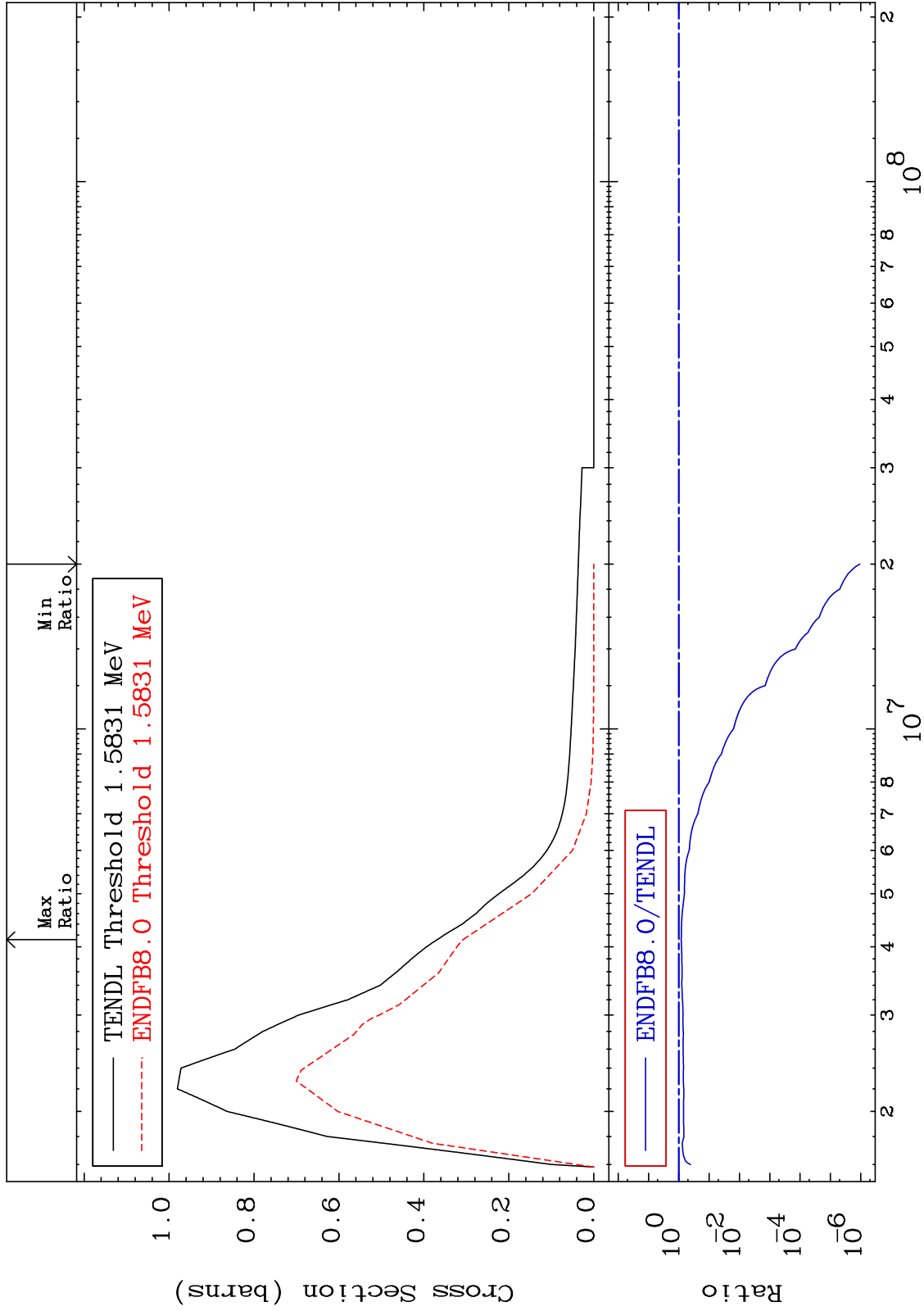
-100.0 To 29.81 %



MAT 3649

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

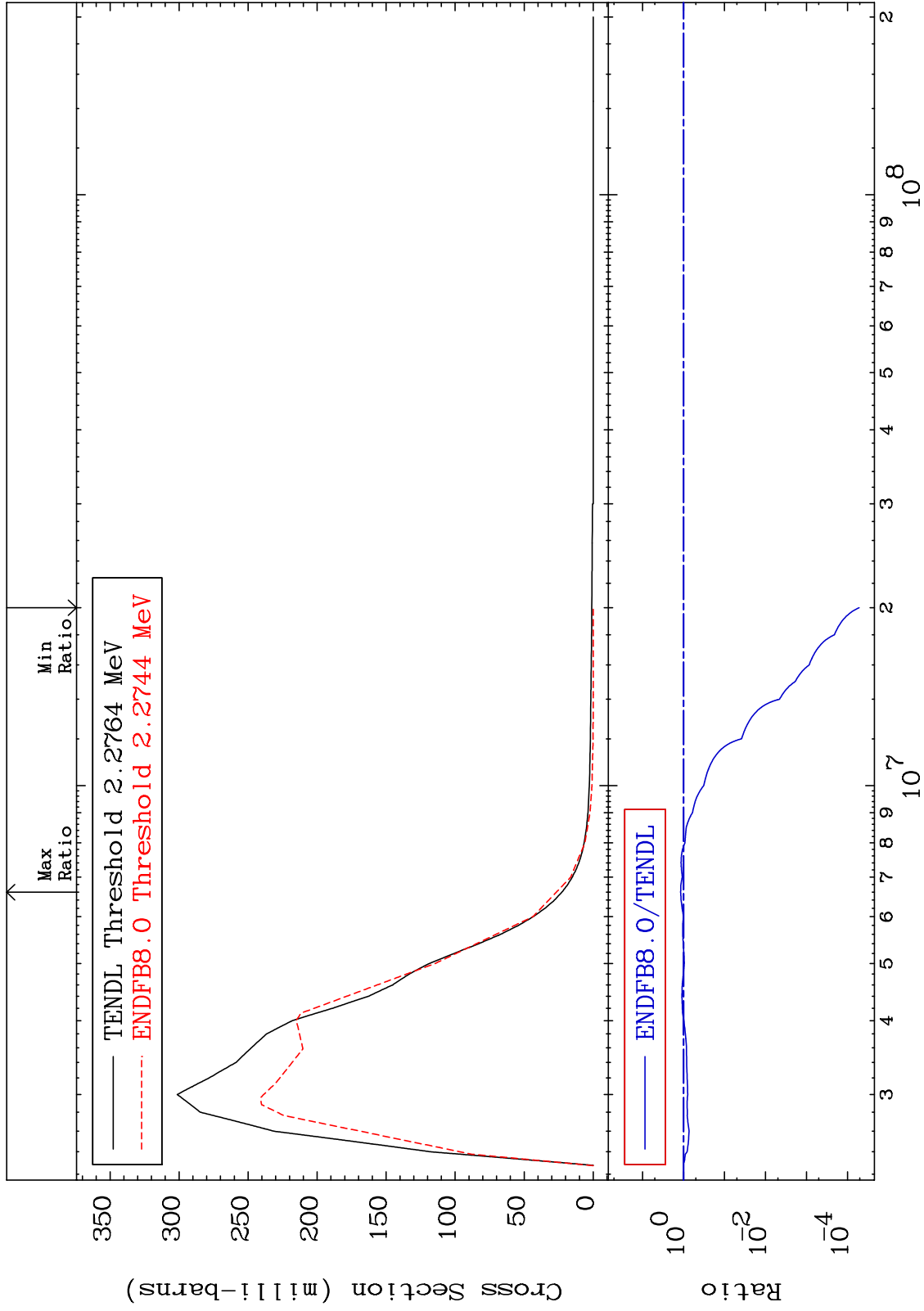
36-Kr-86
-100.0 To -16.48%



MAT 3649

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

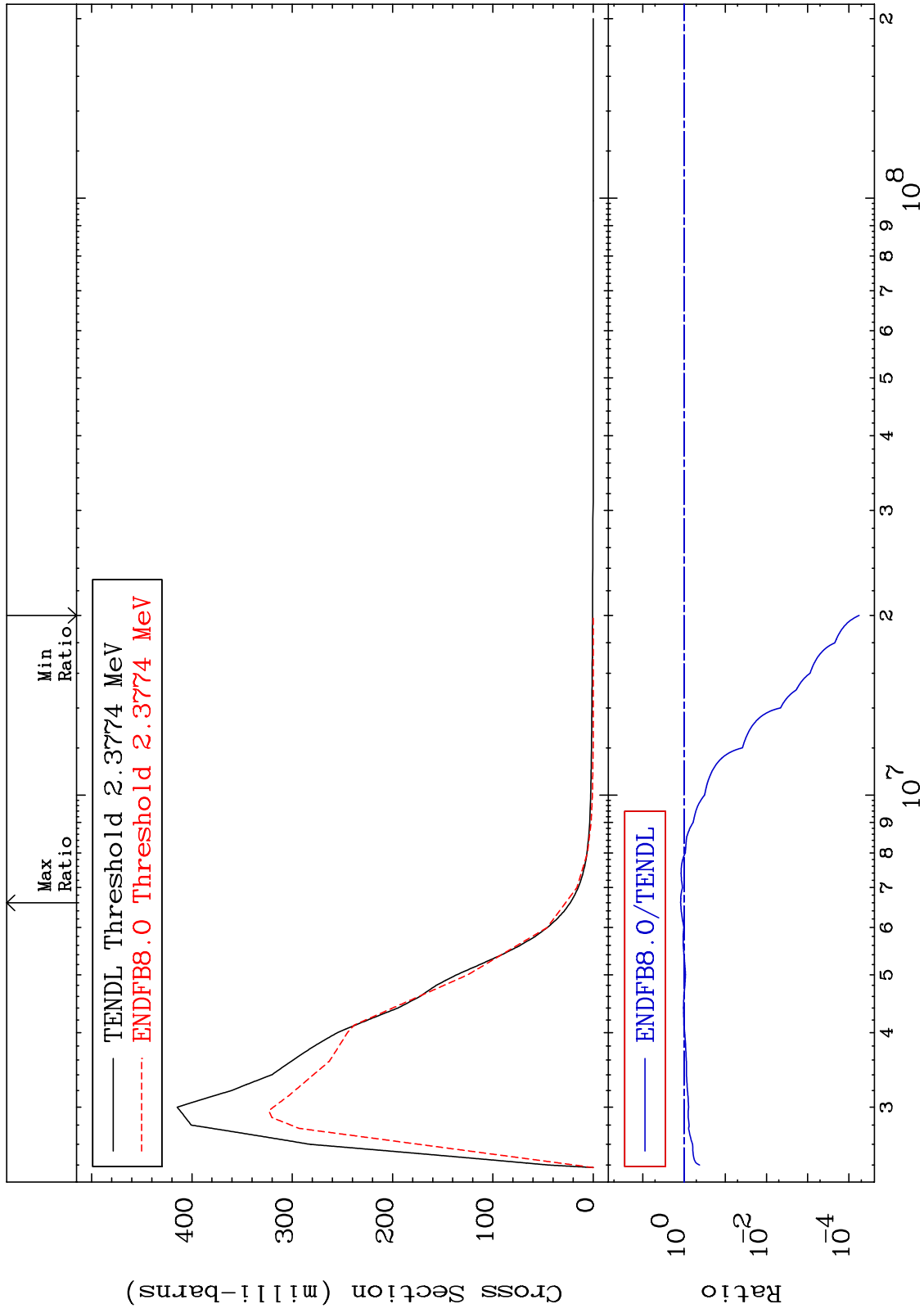
36-Kr-86
-99.99 To 17.85 %



MAT 3649

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

36-Kr-86
-99.99 To 20.43 %

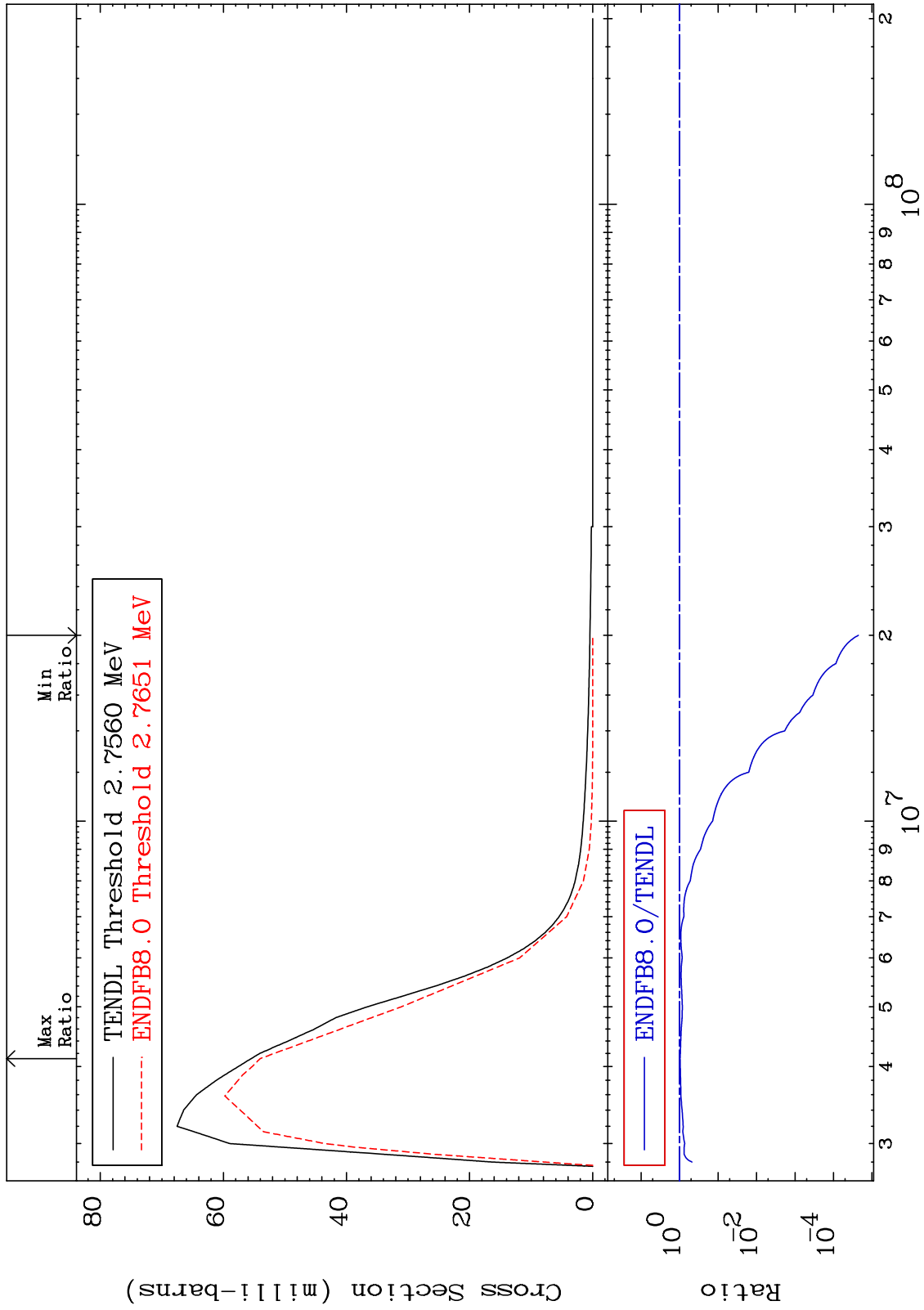


10

Incident Energy (eV)

36-Kr-86

MAT 3649 MT= 54 (n,n') Level Cross Section 36-Kr-86
 -100.0 To -2.611%



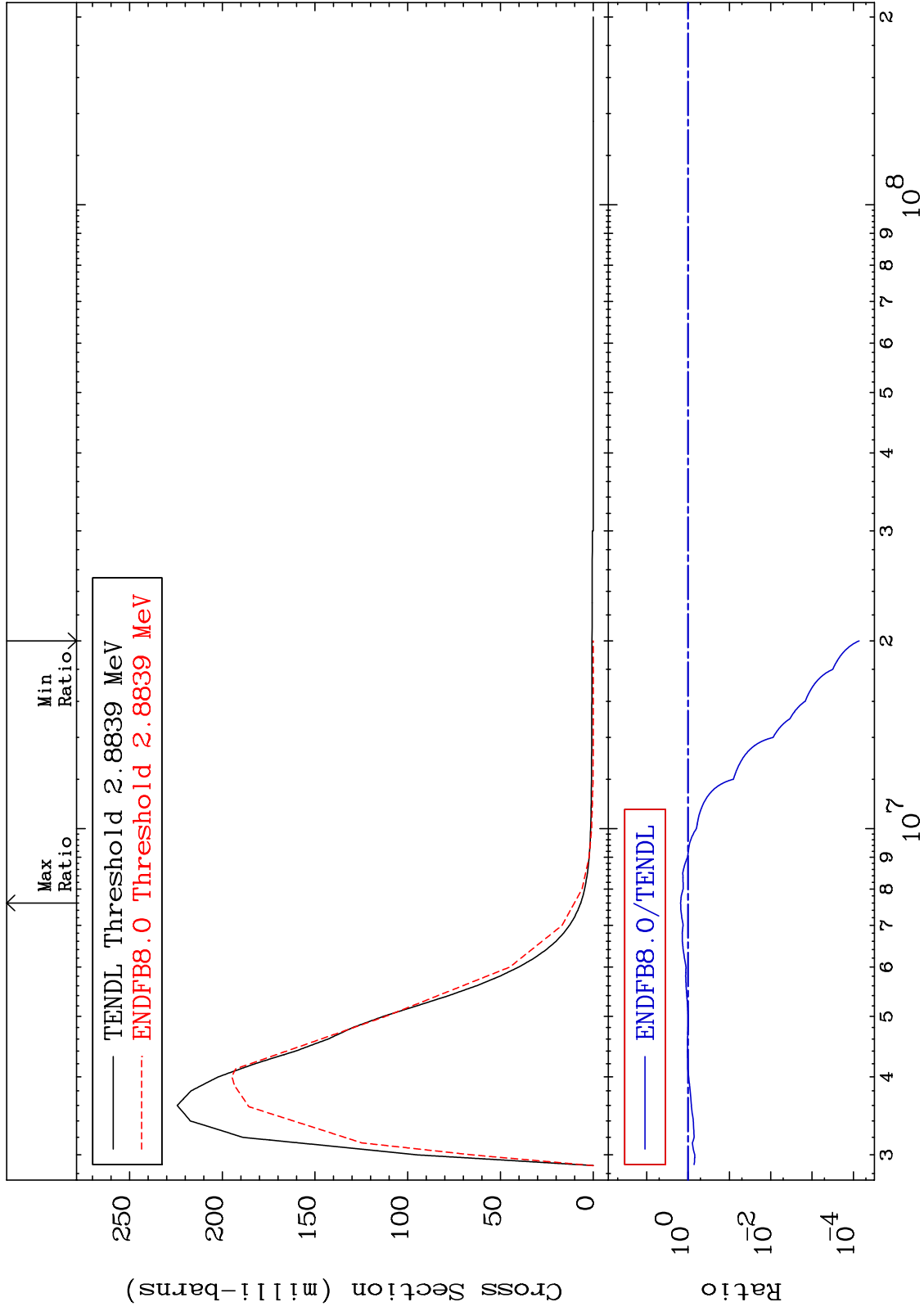
36-Kr-86

Incident Energy (eV)

MAT 3649

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

36-Kr-86
-99.99 To 50.87 %



12

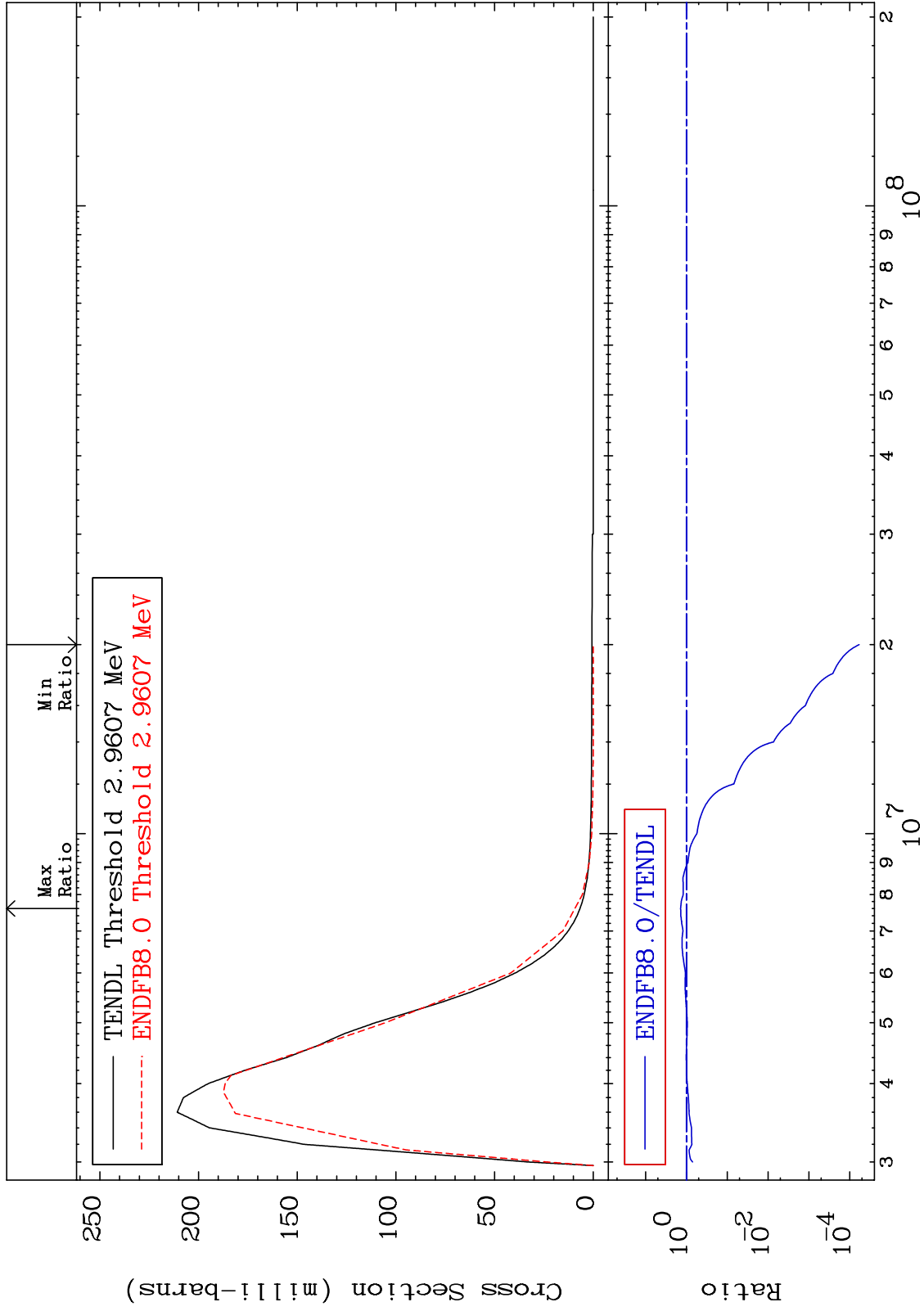
Incident Energy (eV)

36-Kr-86

MAT 3649

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

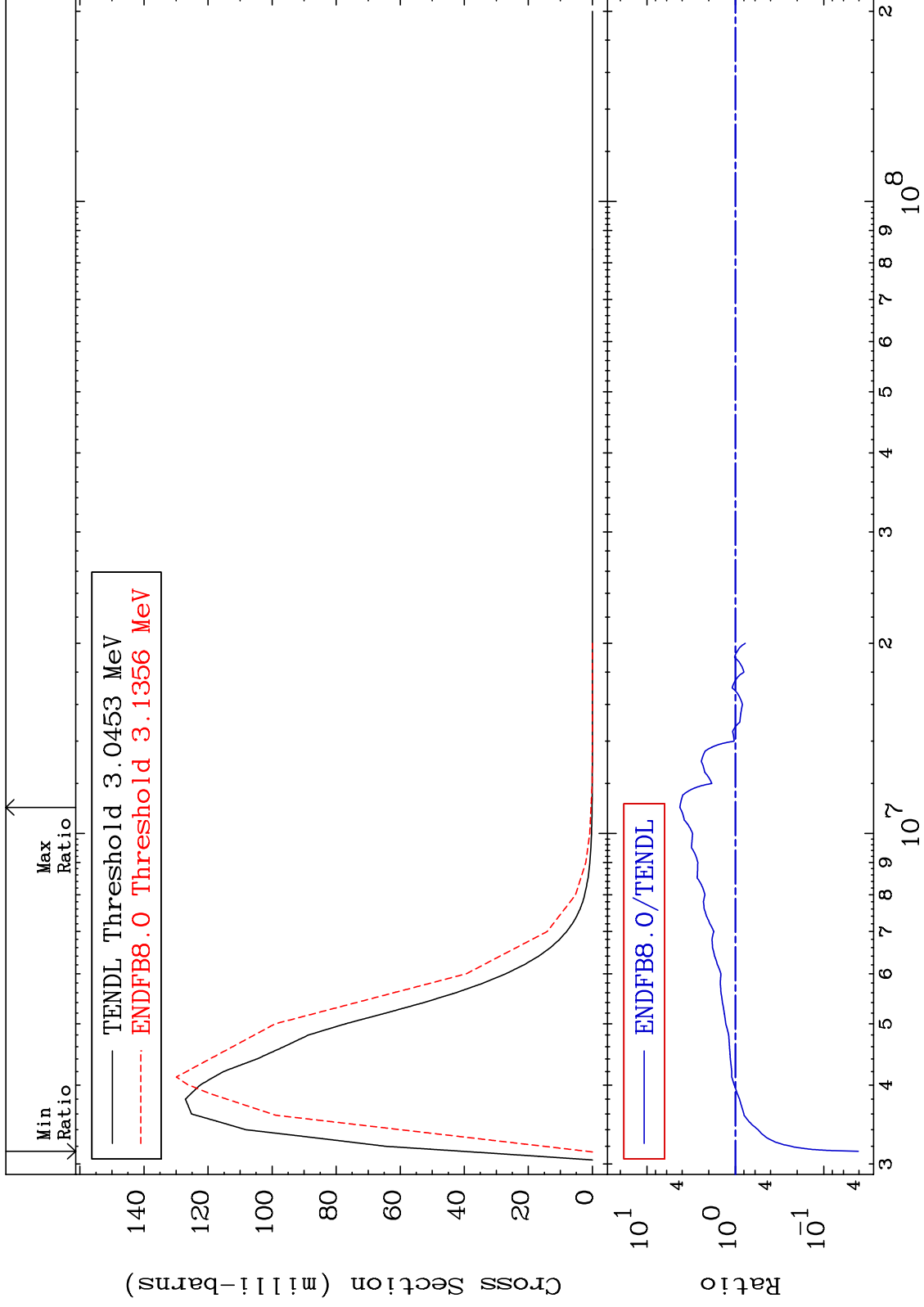
36-Kr-86
-99.99 To 38.96 %



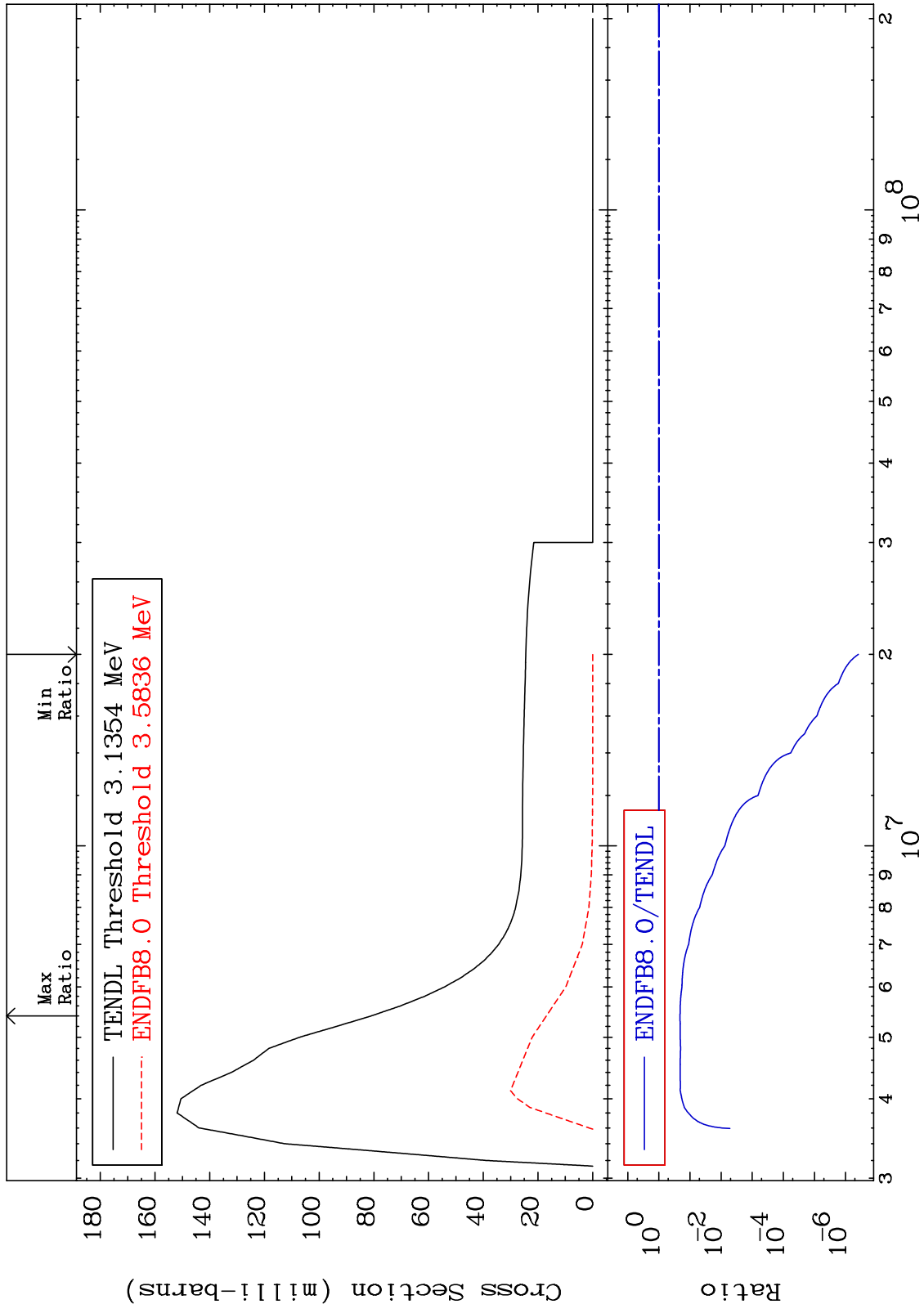
MAT 3649

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

36-Kr-86
-95.93 To 324.9 %



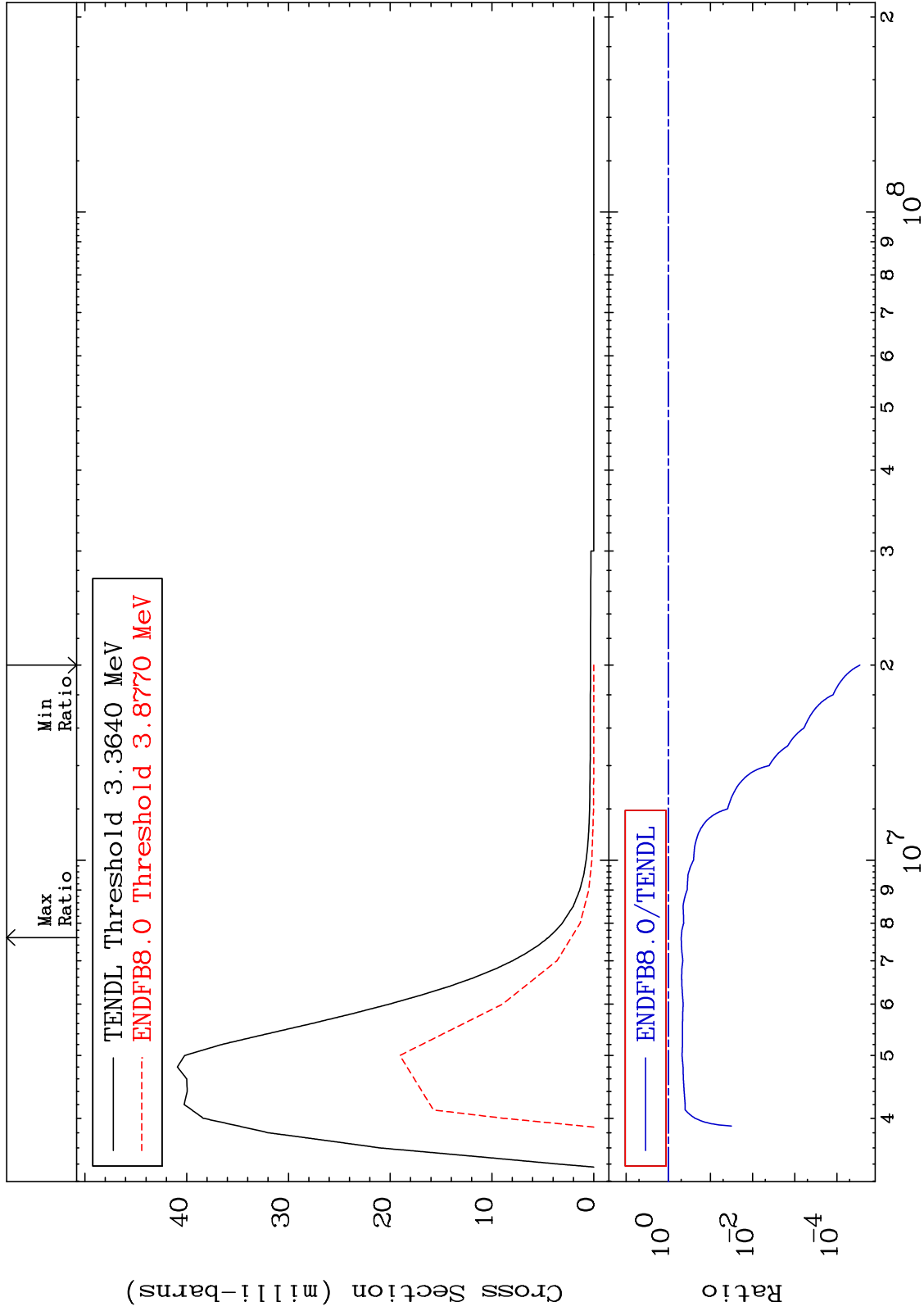
MAT 3649 MT= 58 (n,n') Level 36-Kr-86
 Cross Section -100.0 To -79.08%



MAT 3649

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

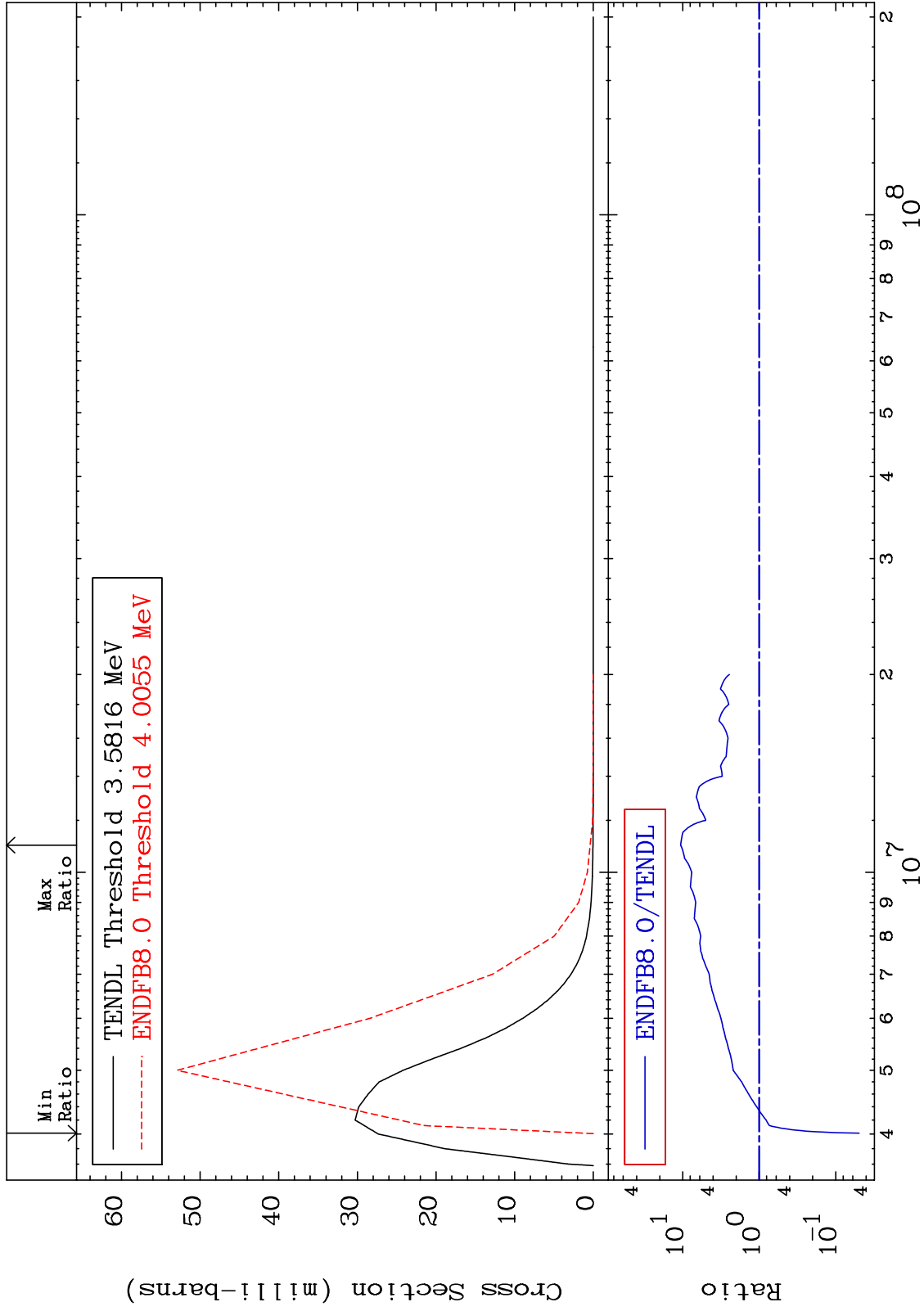
36-Kr-86
-100.0 To -50.47%



MAT 3649

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

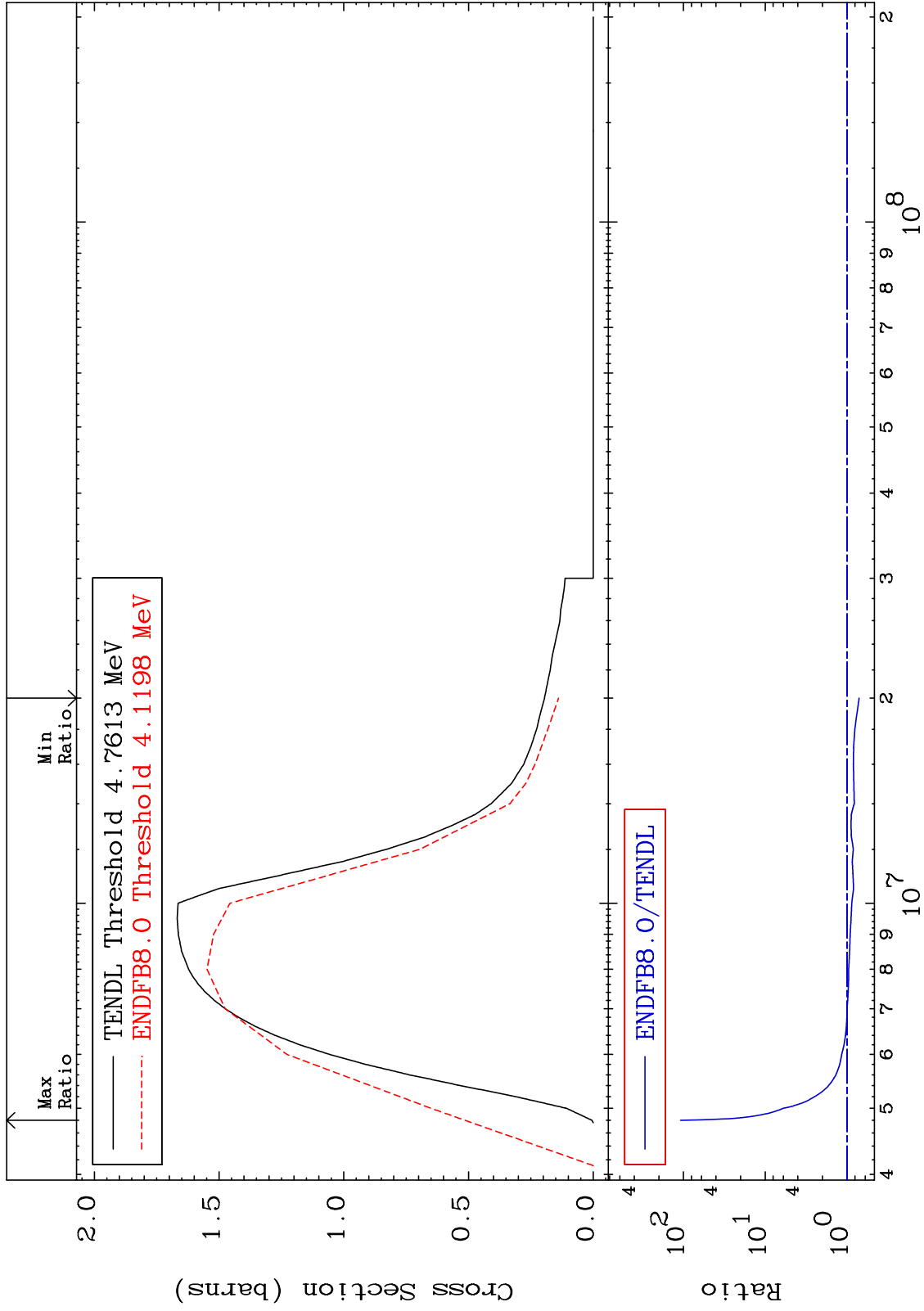
36-Kr-86
-95.06 To 966.1 %



MAT 3649

(n, n') Continuum
Cross Section

36-Kr-86
-28.96 To 9999. %



18

Incident Energy (eV)

36-Kr-86

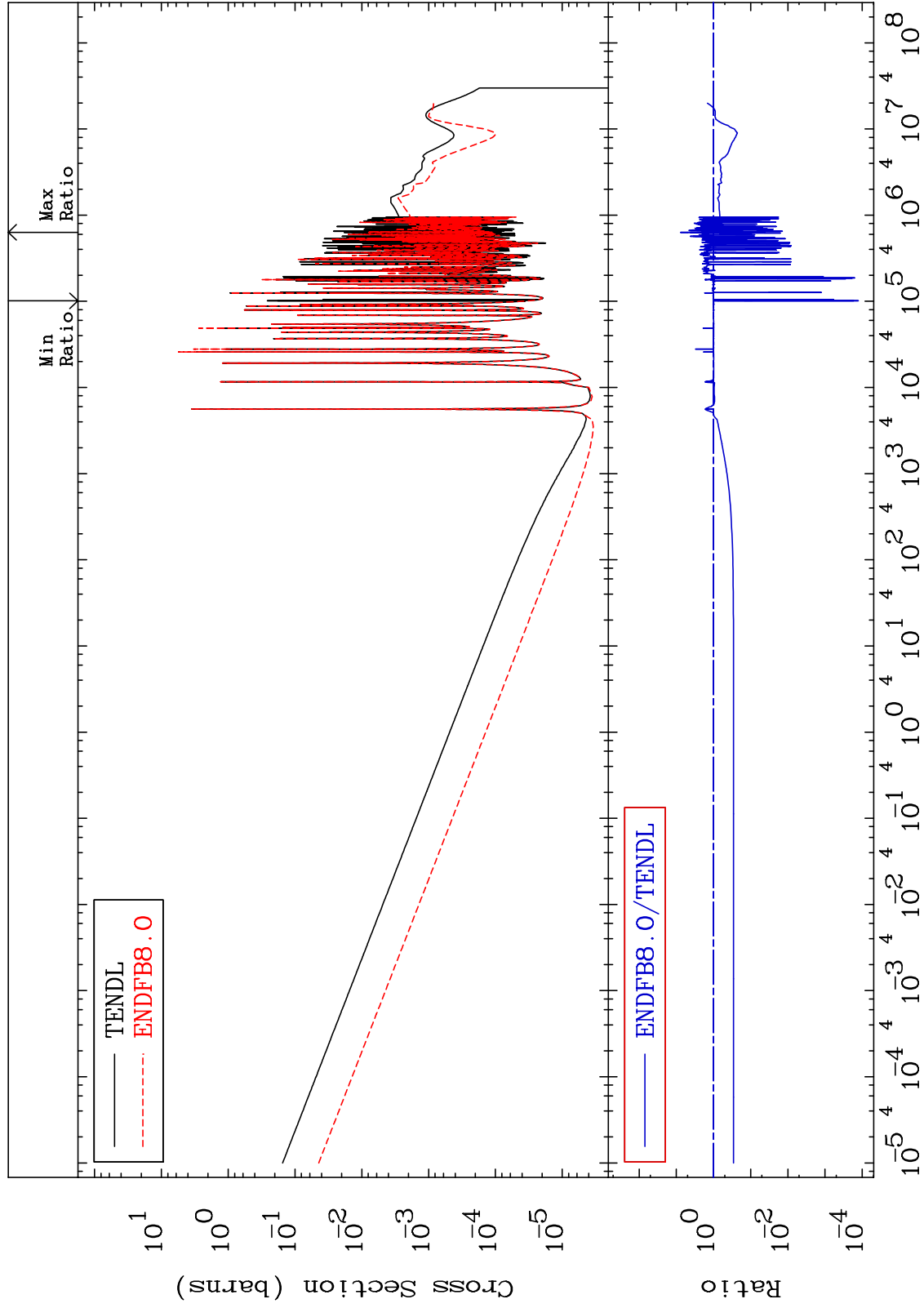
MAT 3649

(n, γ)

36-Kr-86

Cross Section

-99.99 To 675.8 %



19

Incident Energy (eV)

36-Kr-86

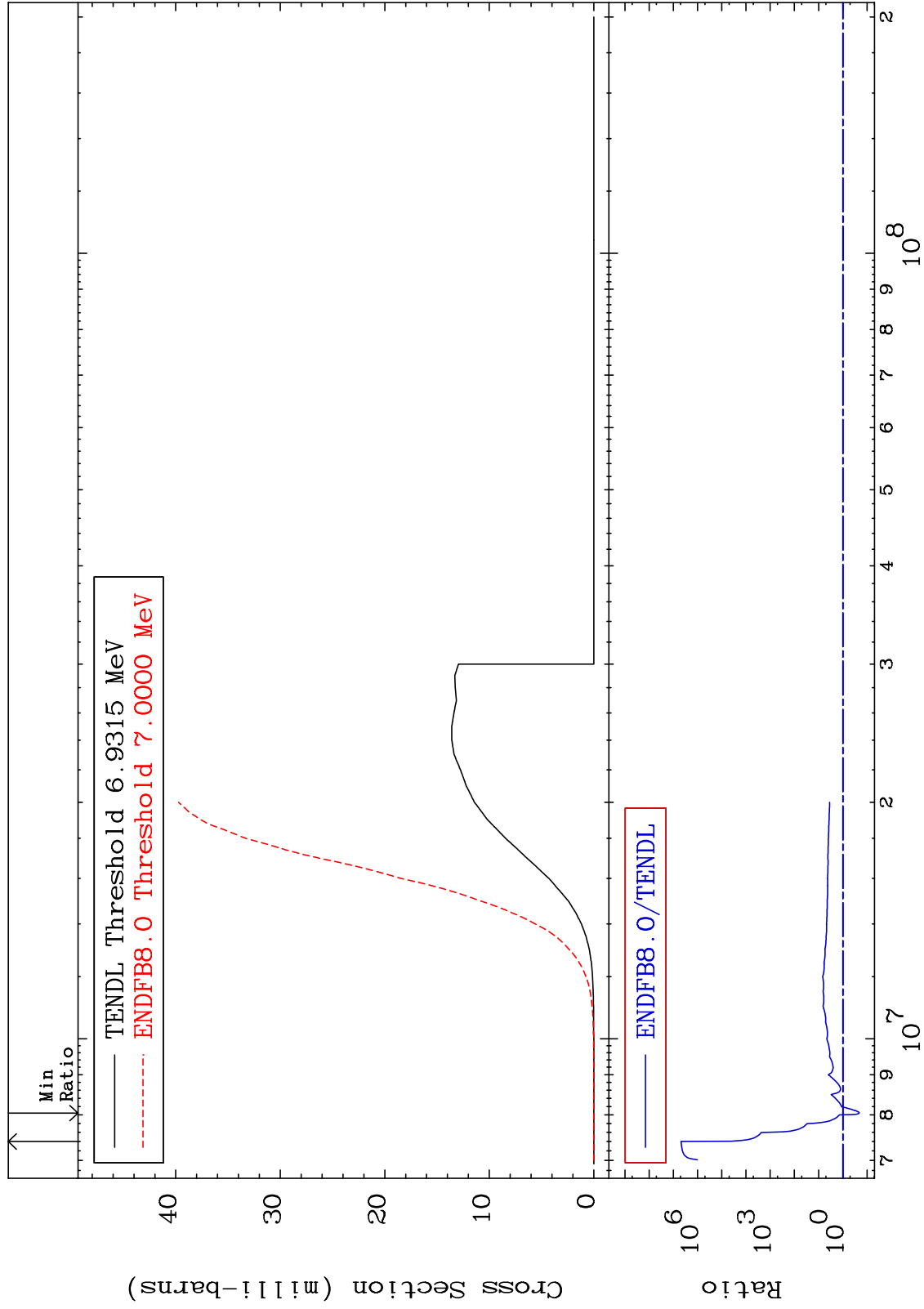
MAT 3649

(n,p)

36-Kr-86

Cross Section

-79.11 To 9999. %



20

Incident Energy (eV)

36-Kr-86

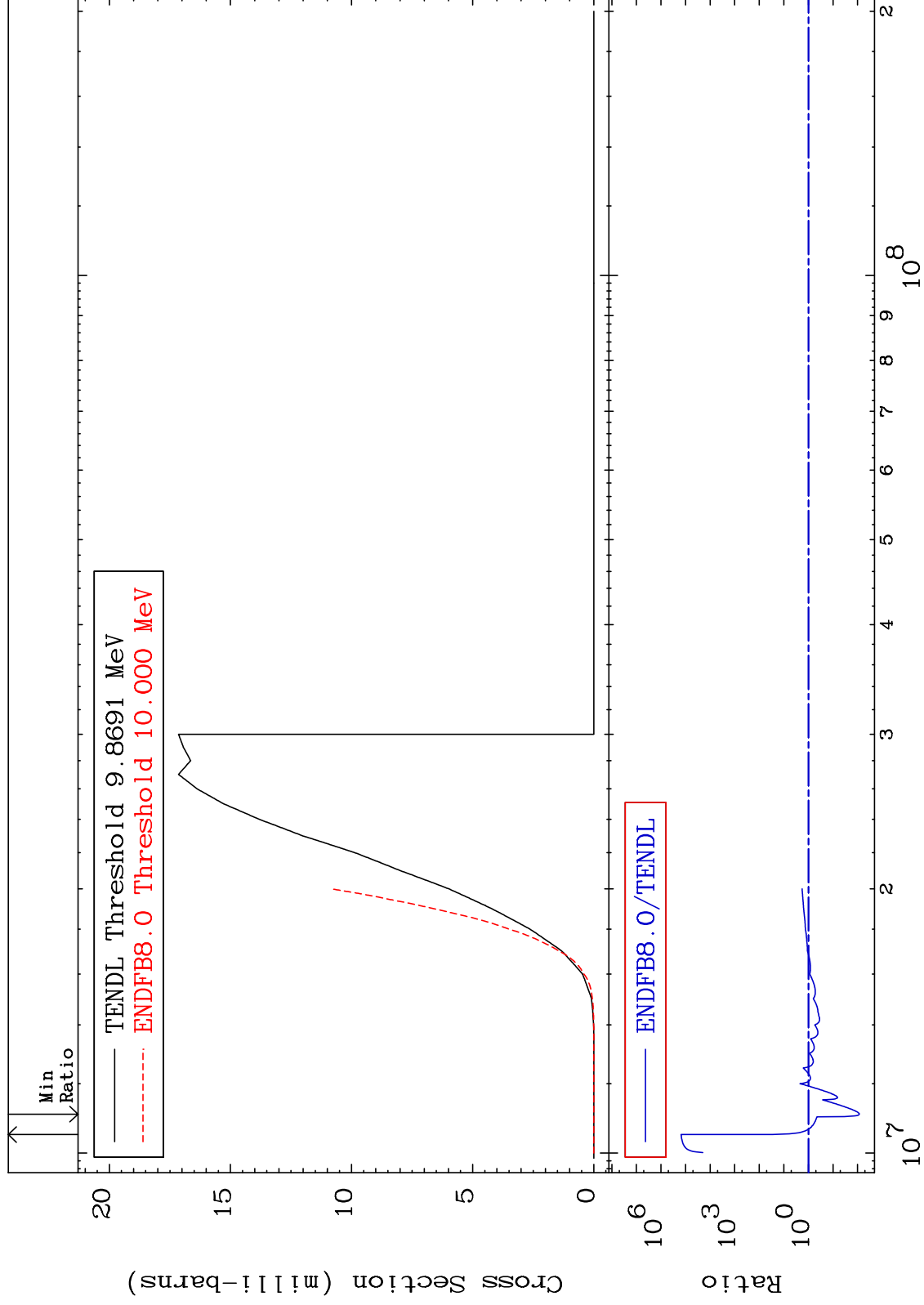
MAT 3649

(n, d)

36-Kr-86

Cross Section

-99.15 To 9999. %



21

Incident Energy (eV)

36-Kr-86

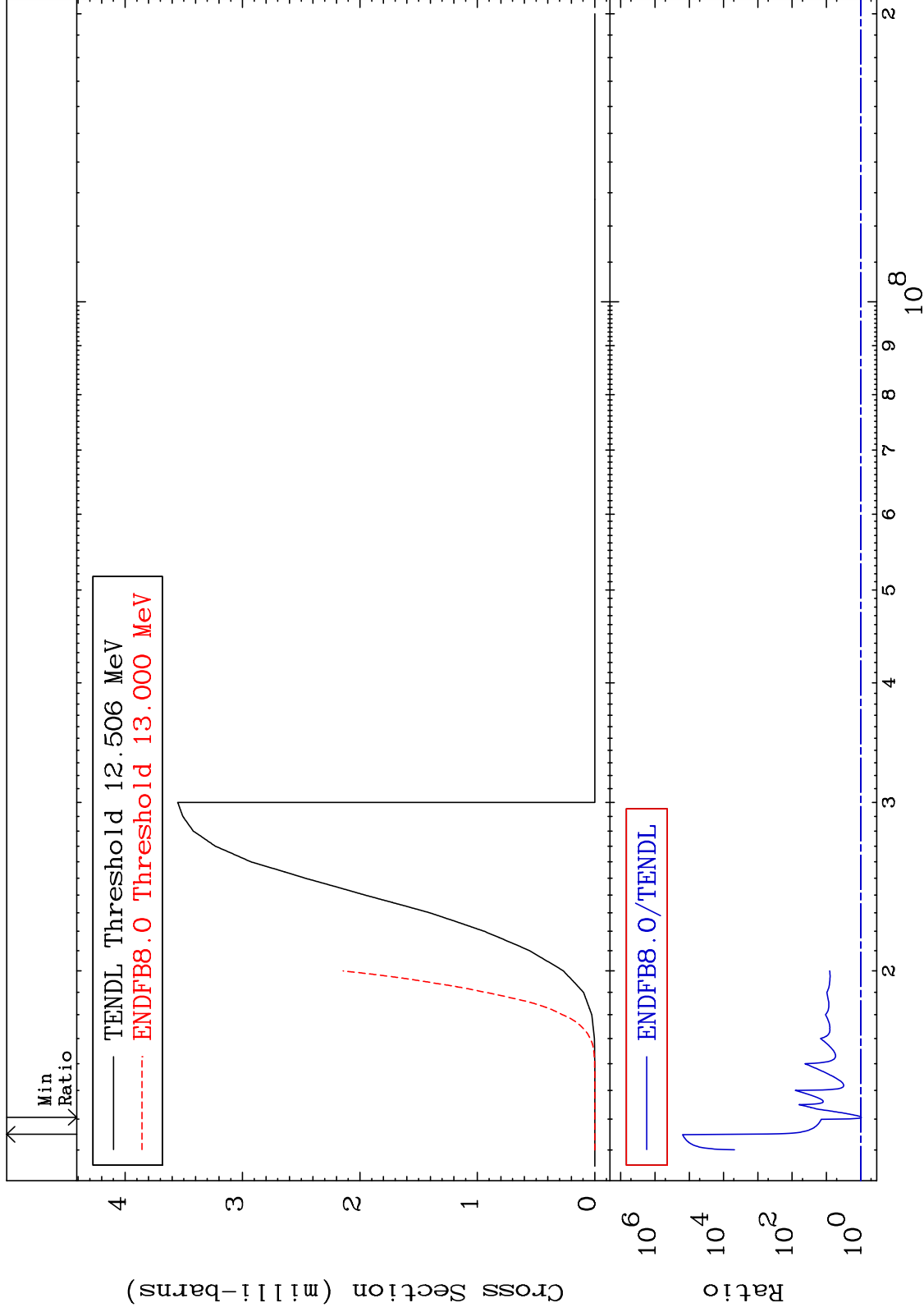
MAT 3649

(n, t)

36-Kr-86

Cross Section

-5.131 To 9999. %



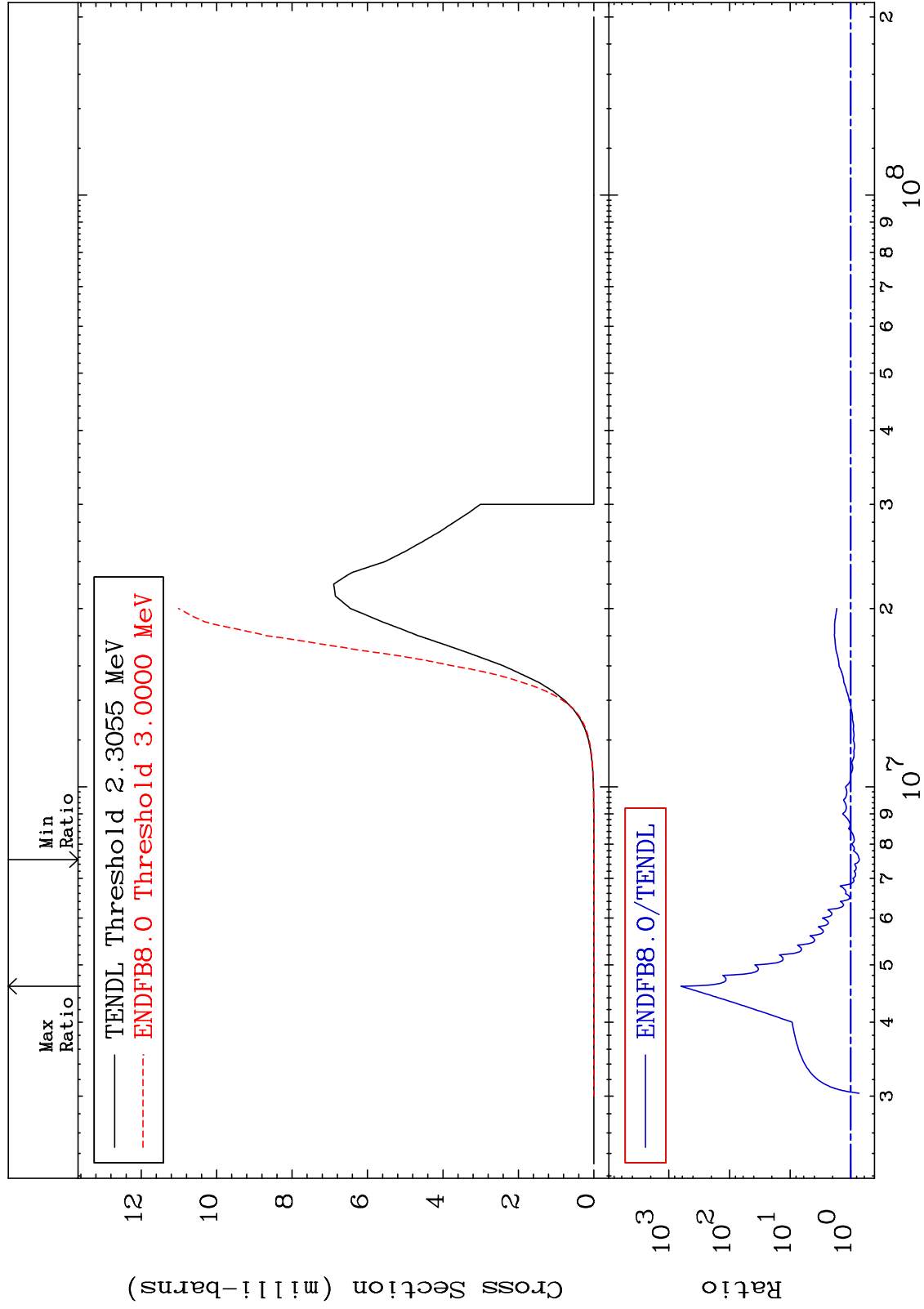
MAT 3649

(n, α)

36-Kr-86

Cross Section

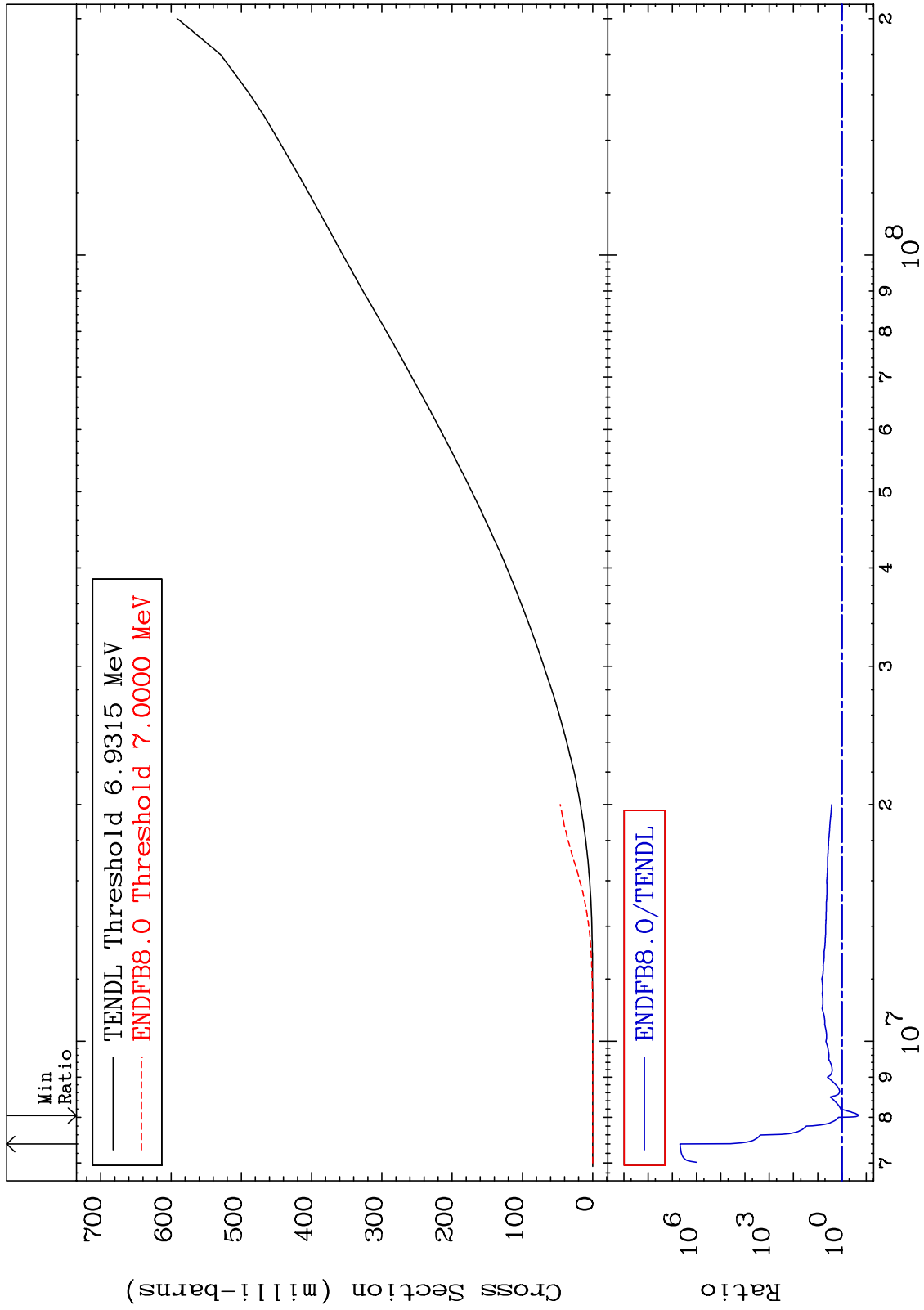
-27.43 To 9999. %



MAT 3649

Hydrogen Production
Cross Section

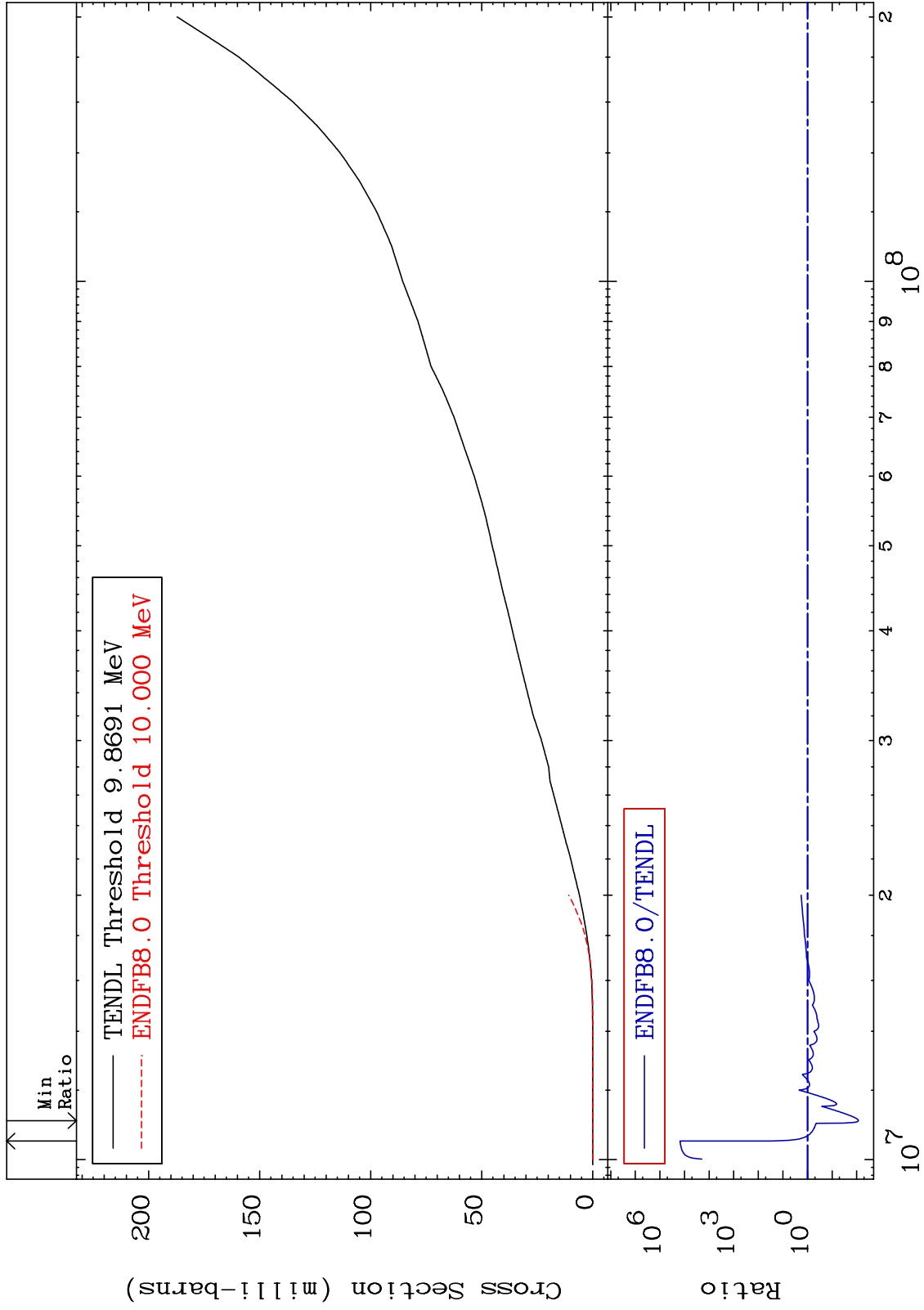
36-Kr-86
-79.11 To 9999. %



MAT 3649

Deuterium Production
Cross Section

³⁶Kr-86
-99.15 To 9999. %



25

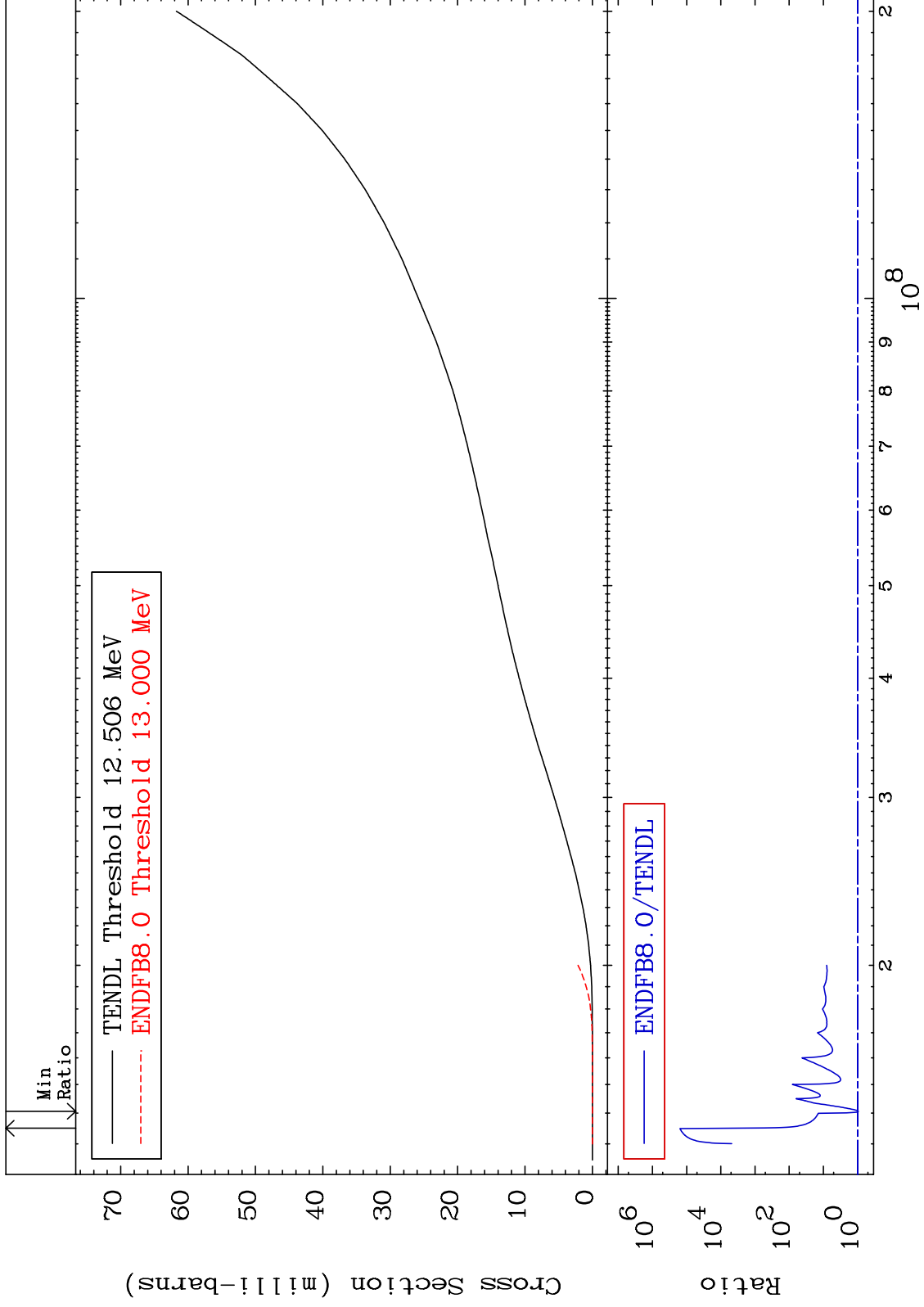
Incident Energy (eV)

³⁶Kr-86

MAT 3649

Tritium Production
Cross Section

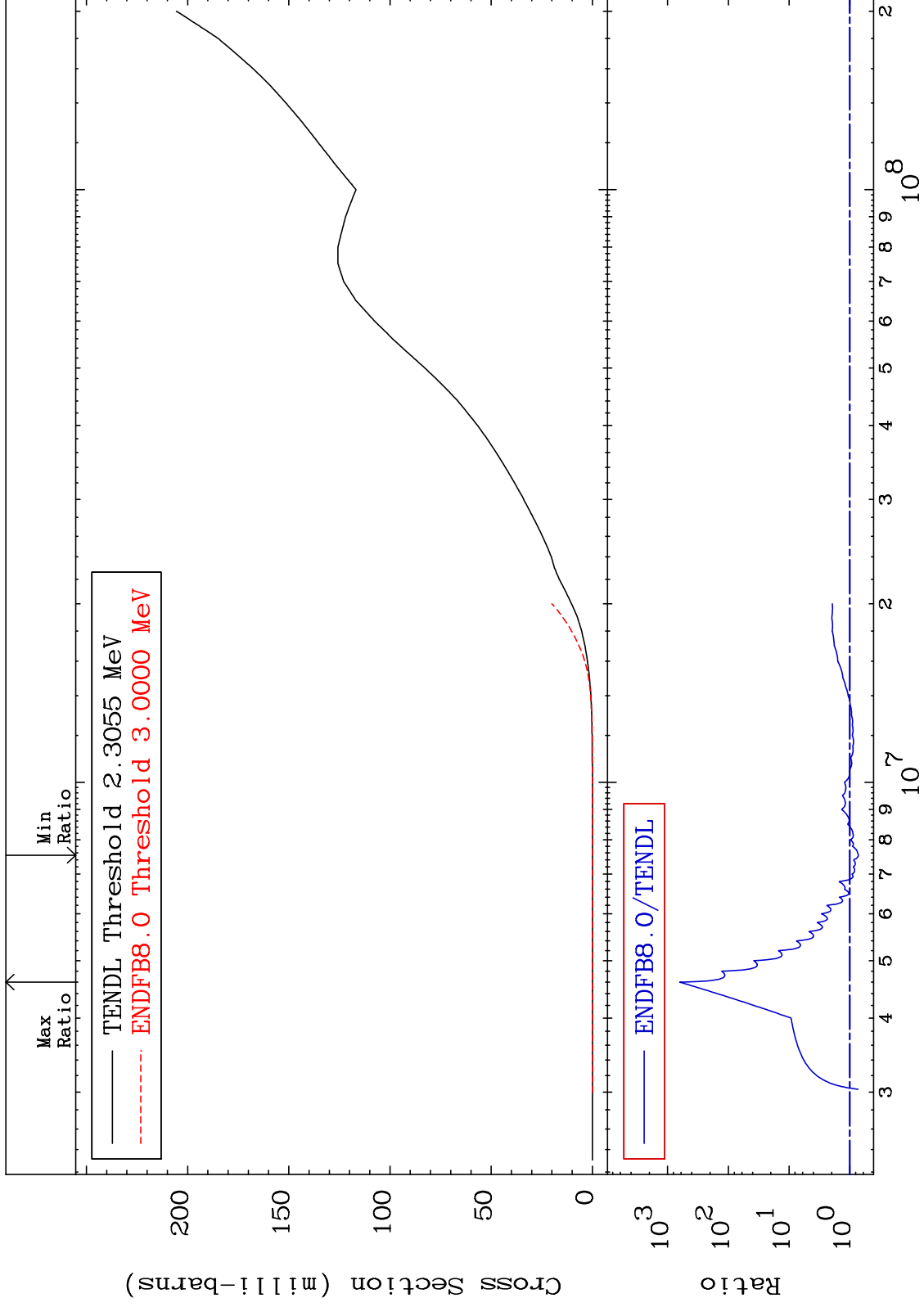
36-Kr-86
-5.131 To 9999. %



MAT 3649

He-4 Production
Cross Section

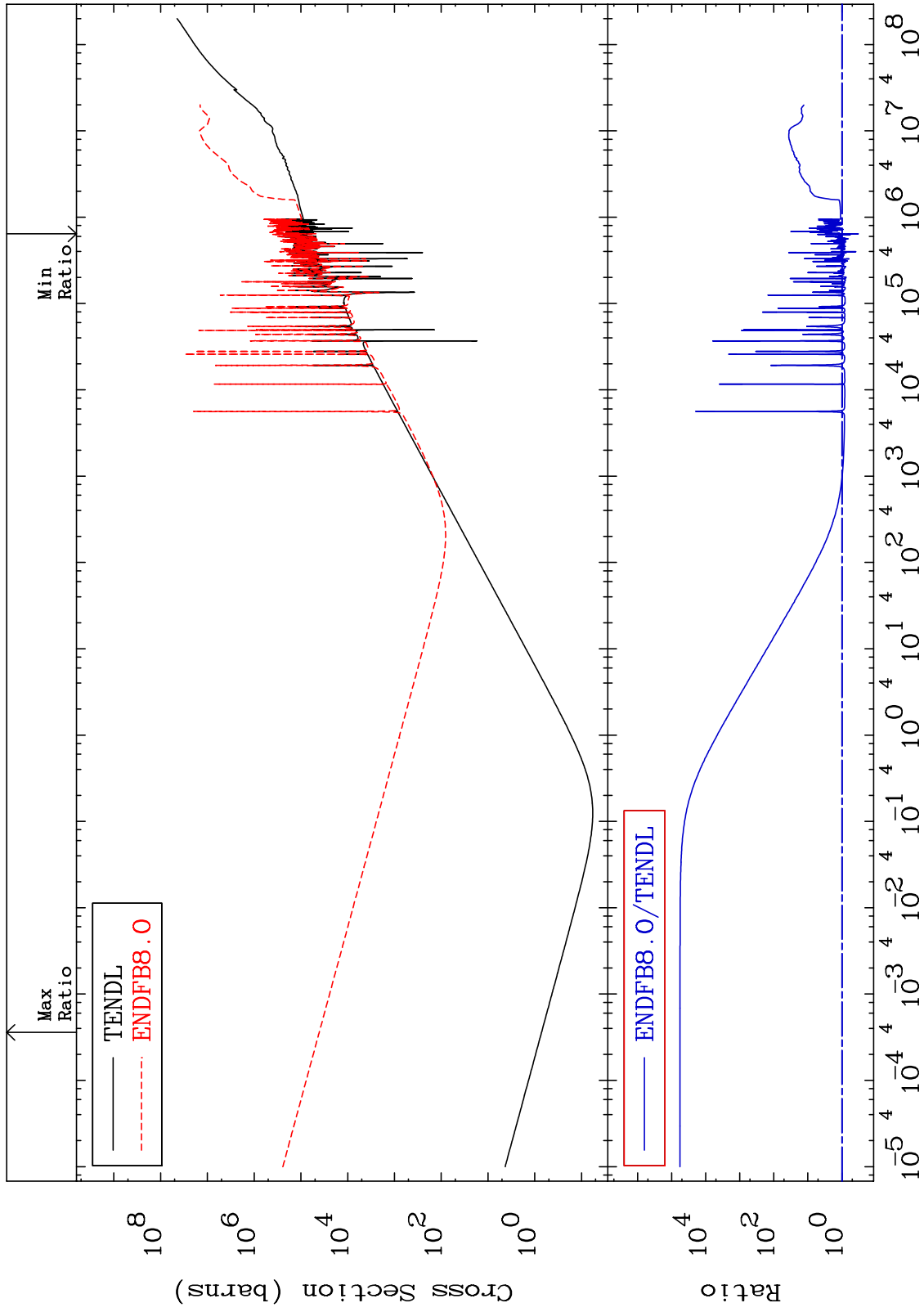
36-Kr-86
-27.43 To 9999. %



MAT 3649

Kerma total (eV-barns)
Cross Section

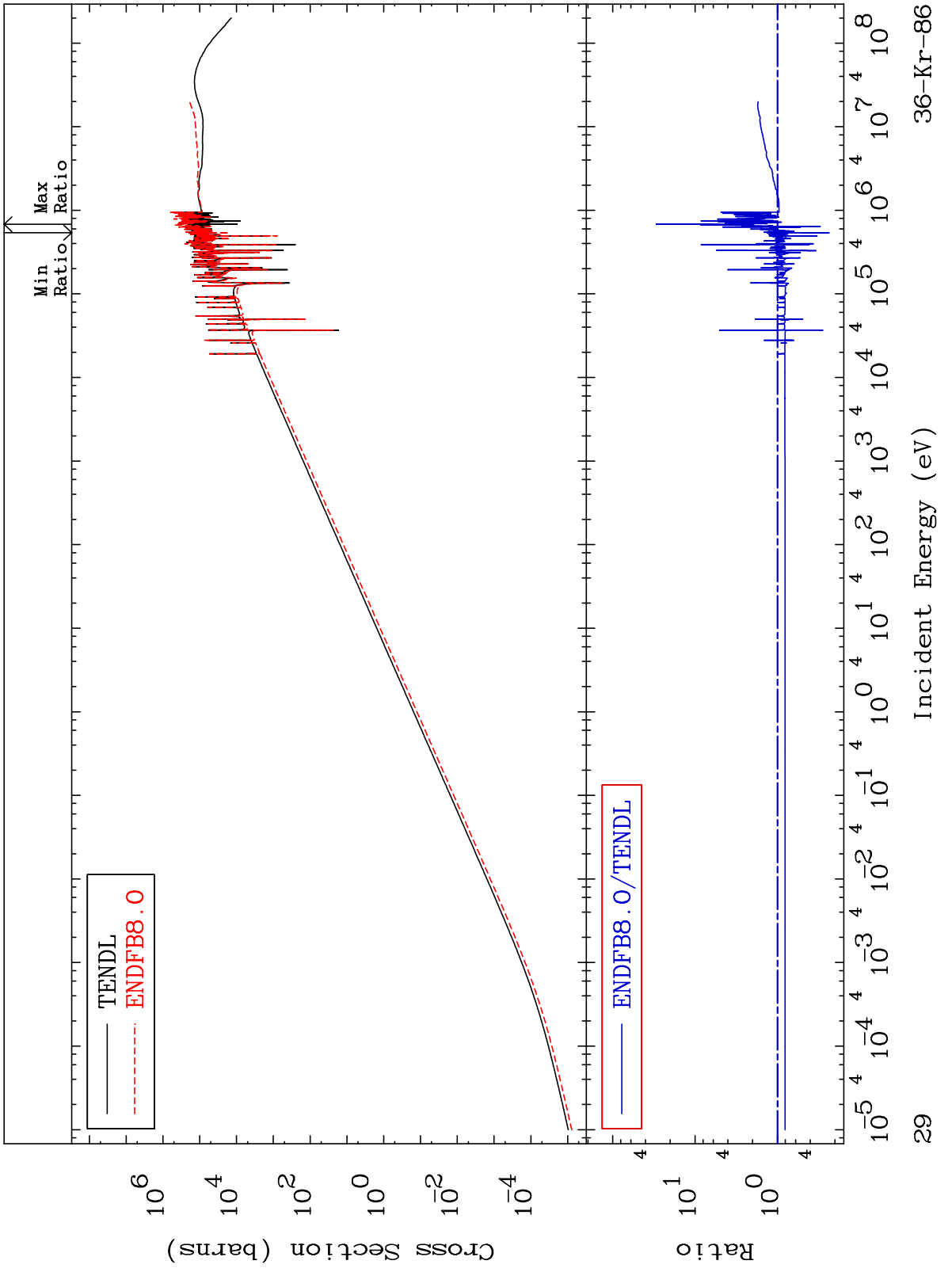
36-Kr-86
-67.19 To 9999. %



MAT 3649

Kerma elastic
Cross Section

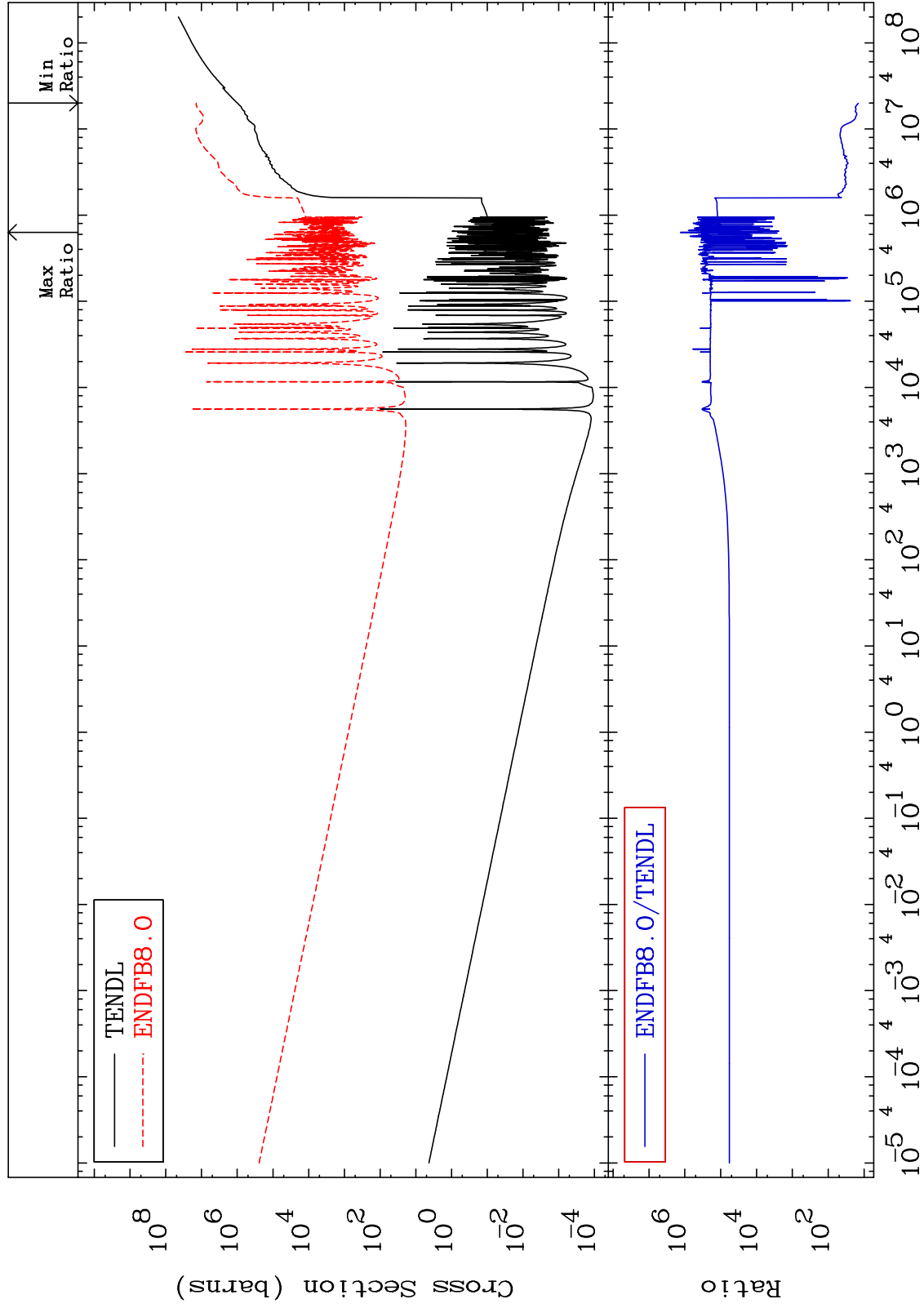
36-Kr-86
-76.44 To 2855. %



MAT 3649

Kerma non-elastic (all but mt2)
Cross Section

36-Kr-86
1326. To 9999. %



30

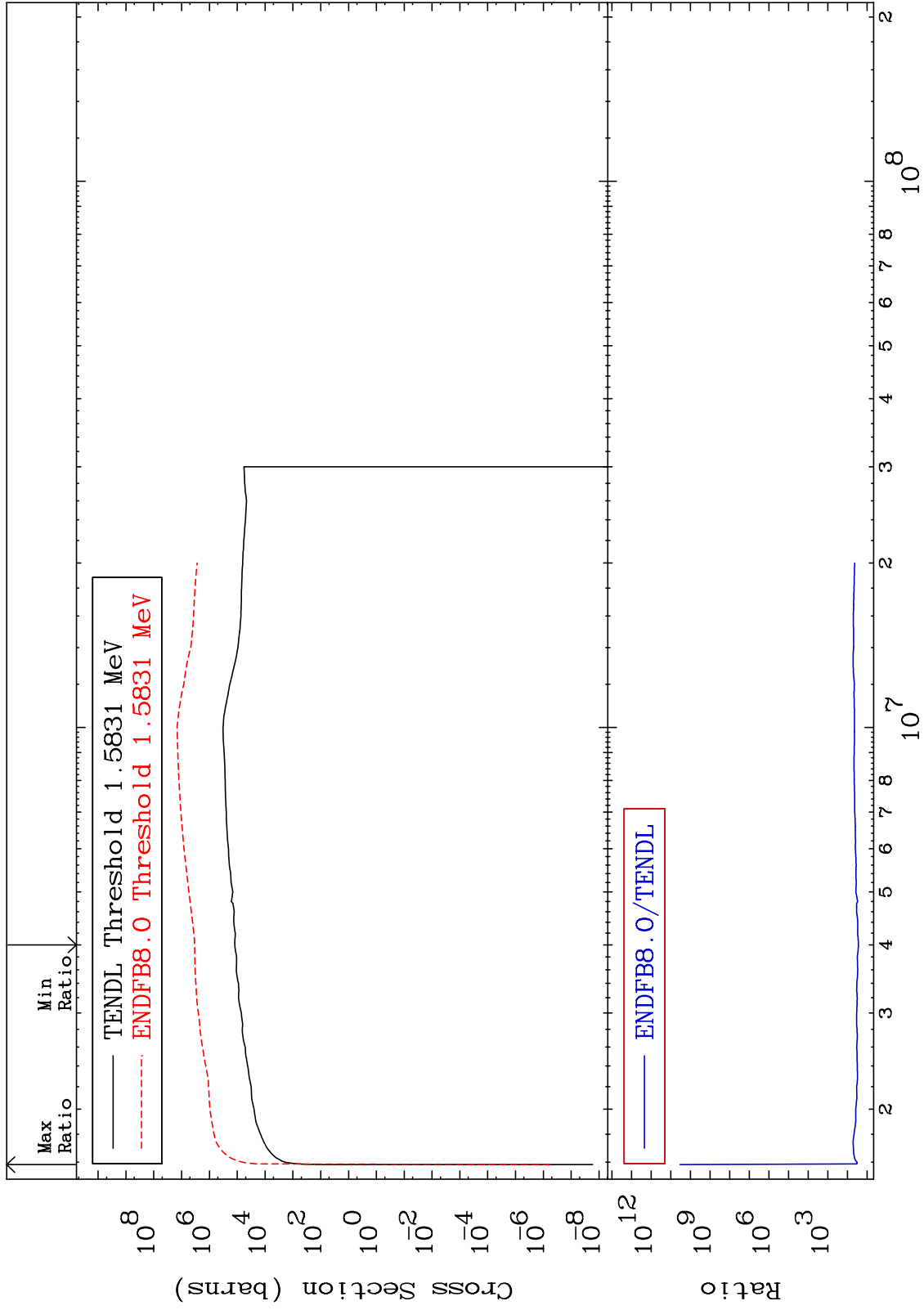
Incident Energy (eV)

36-Kr-86

MAT 3649

Kerma inelastic (mt51-91)
Cross Section

36-Kr-86
2698. To 9999. %

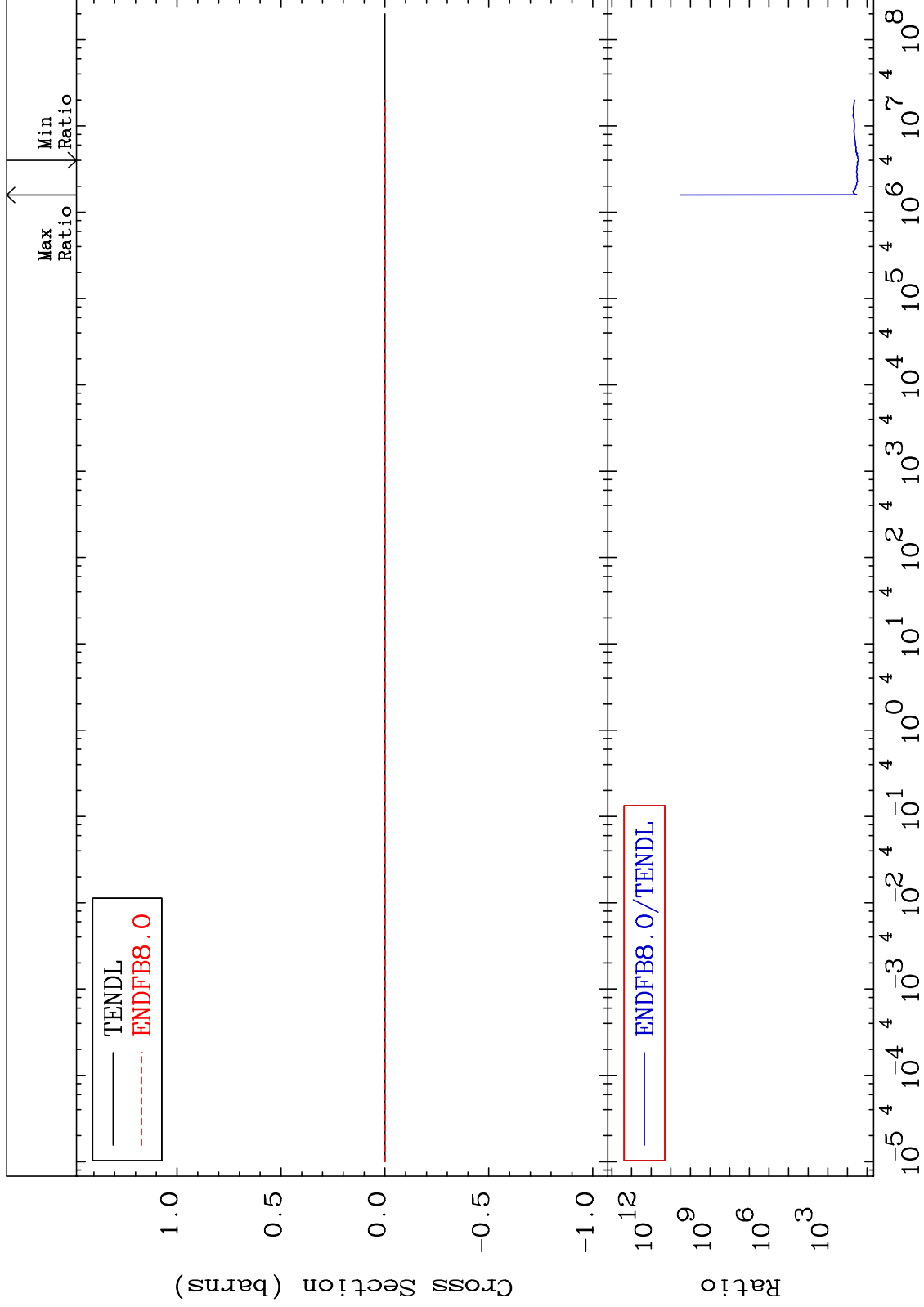


MAT 3649

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

2698. To 9999. %

36-Kr-86



32

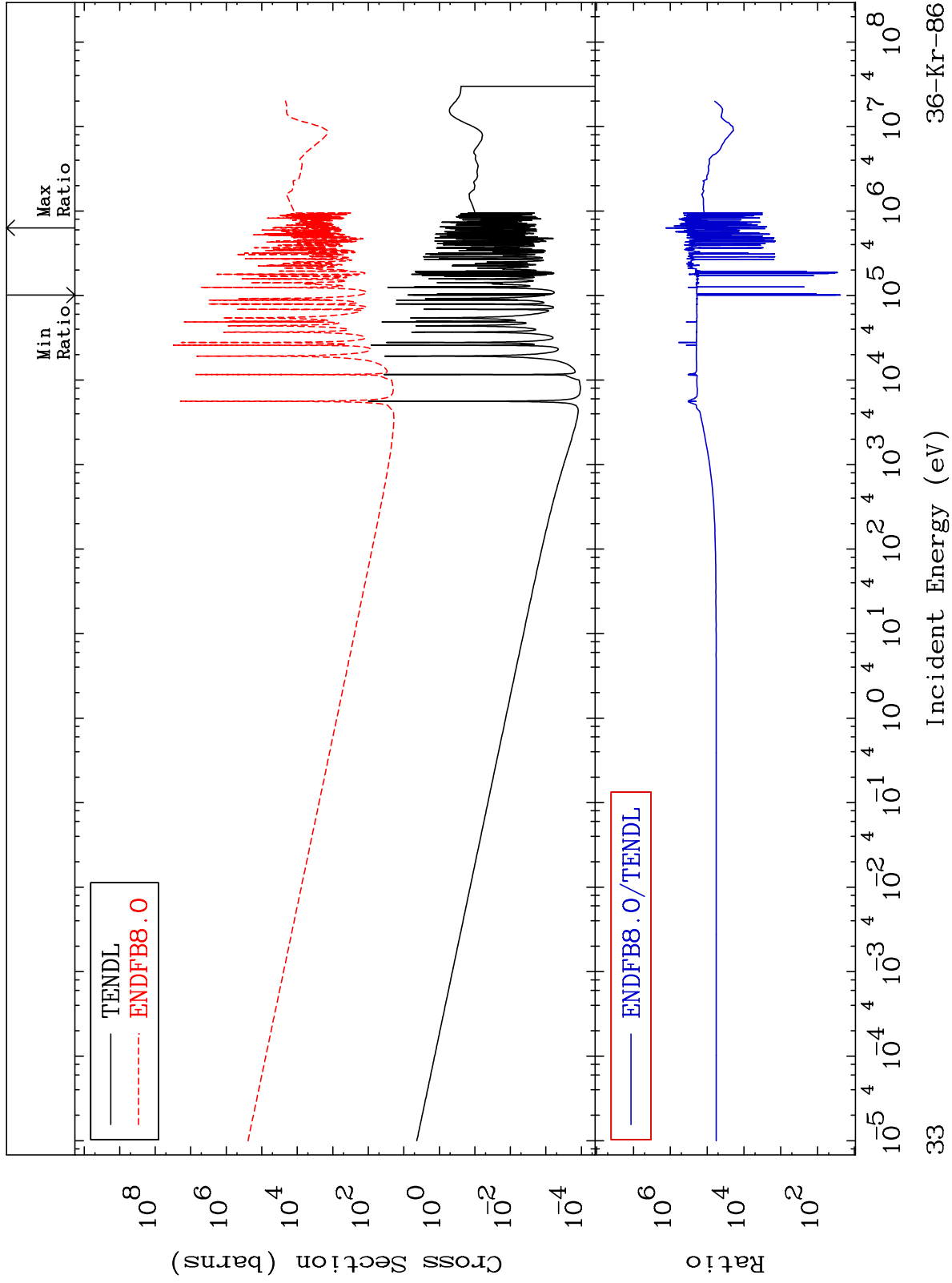
Incident Energy (eV)

36-Kr-86

MAT 3649

Kerma capture (mt102)
Cross Section

36-Kr-86
2279. To 9999. %



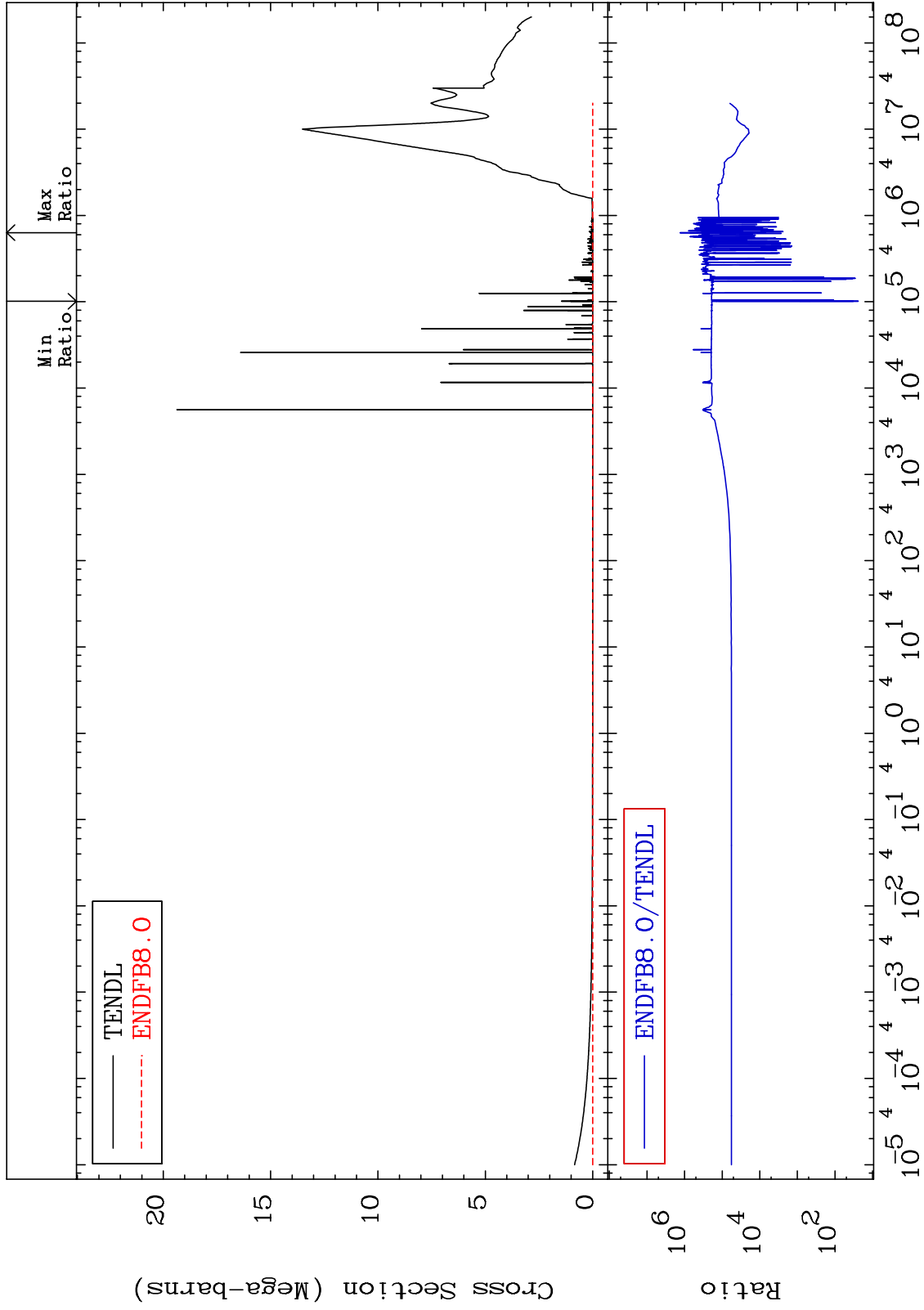
33

36-Kr-86

MAT 3649

Total photon (eV-barns)
Cross Section

36-Kr-86
2279. To 9999. %



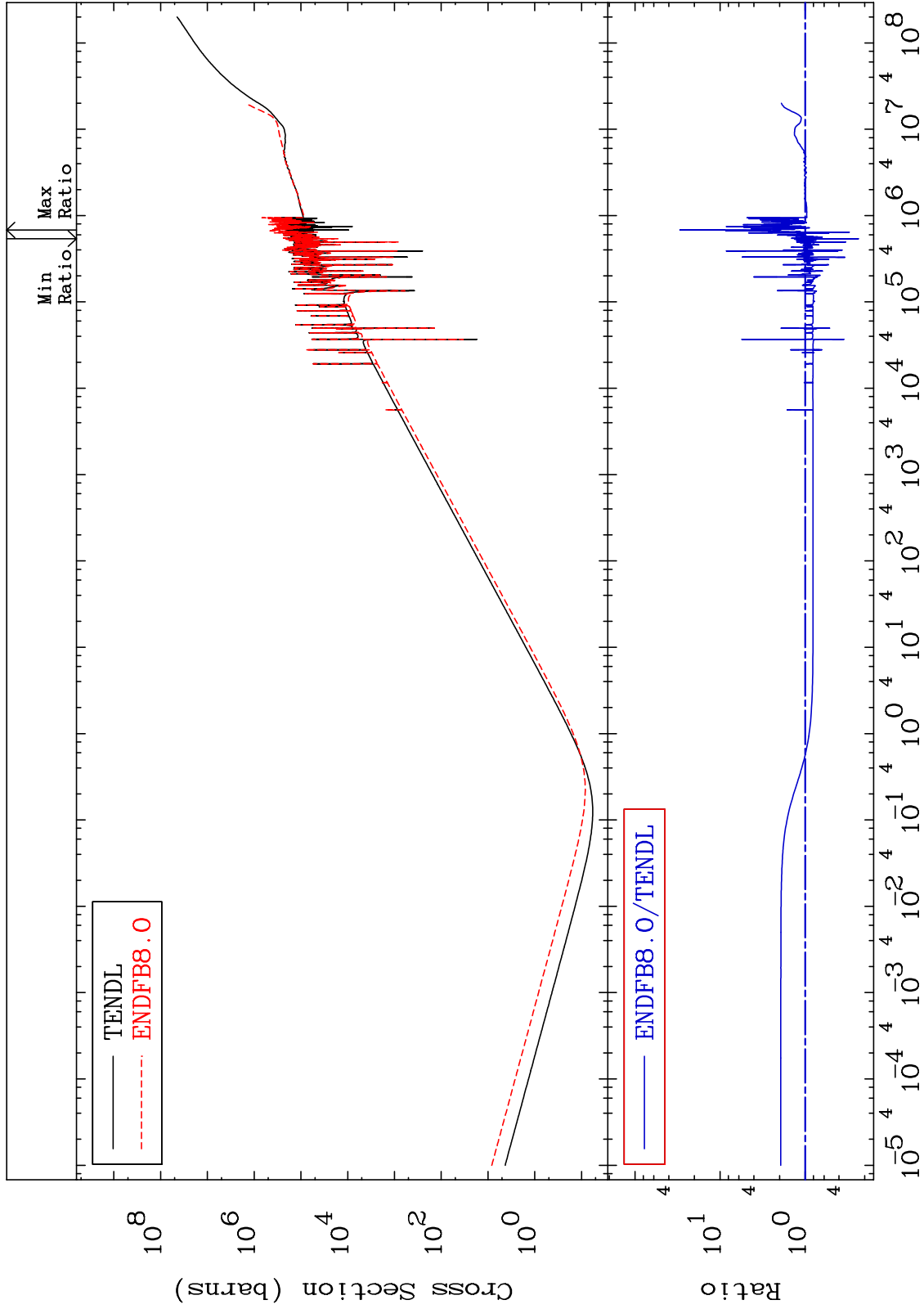
— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

MAT 3649

Total kinematic kerma (high limit)
Cross Section

36-Kr-86
-76.34 To 2855. %



35

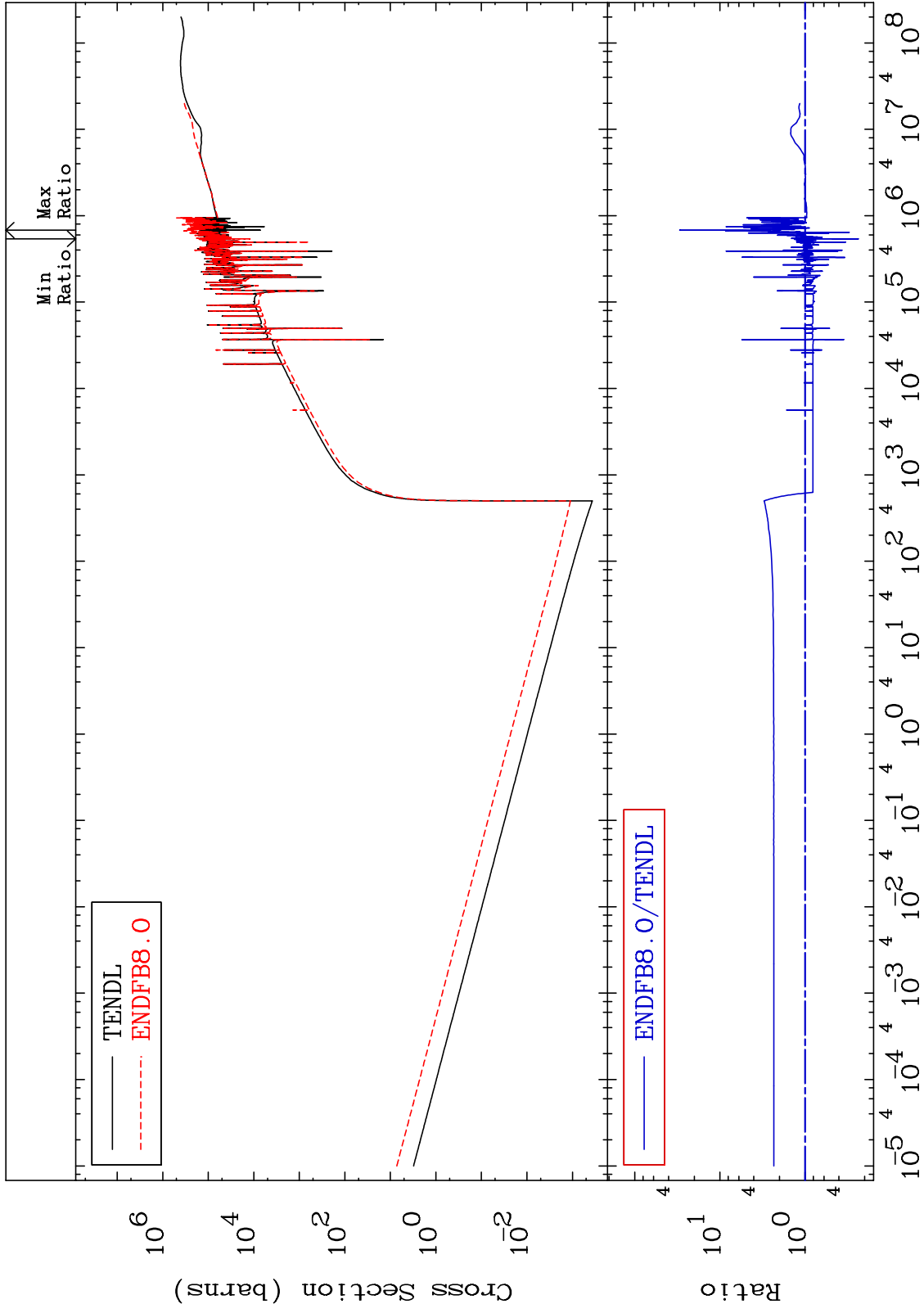
Incident Energy (eV)

36-Kr-86

MAT 3649

Dpa total (eV-barns)
Cross Section

36-Kr-86
-76.32 To 2857. %



36

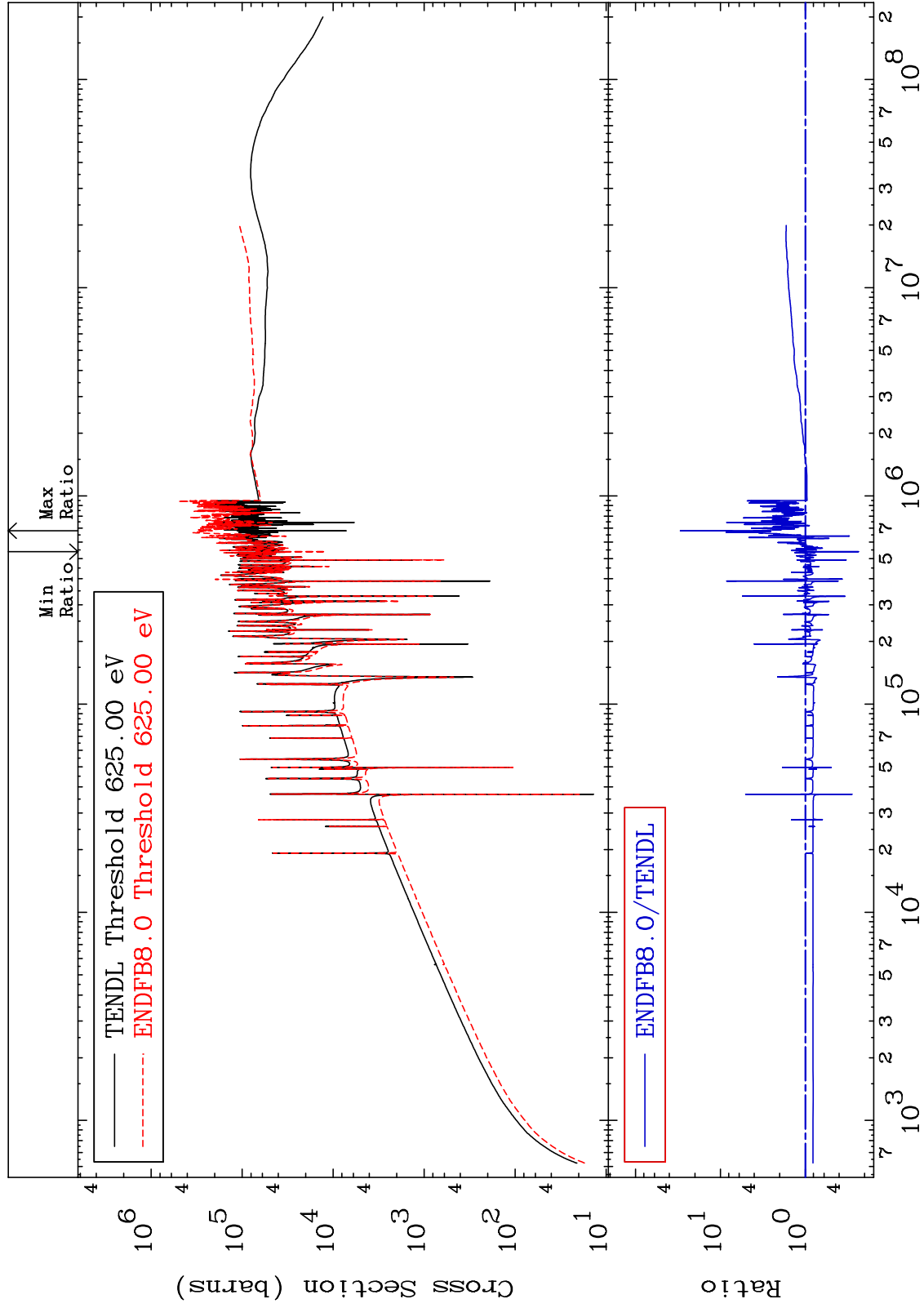
Incident Energy (eV)

36-Kr-86

MAT 3649

Dpa elastic (mt2)
Cross Section

36-Kr-86
-76.43 To 2857. %



37

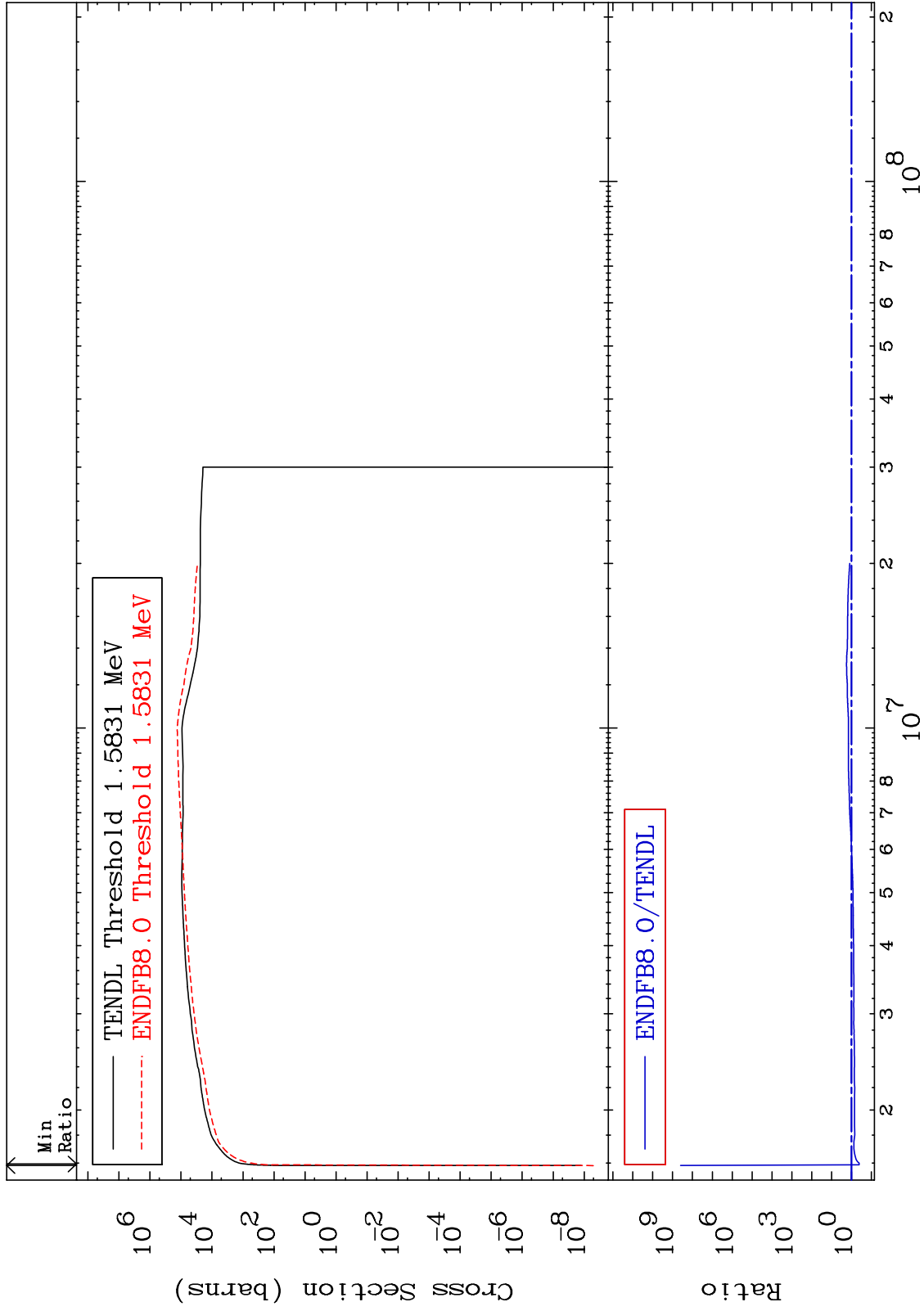
Incident Energy (eV)

36-Kr-86

MAT 3649

Dpa inelastic (mt51-91)
Cross Section

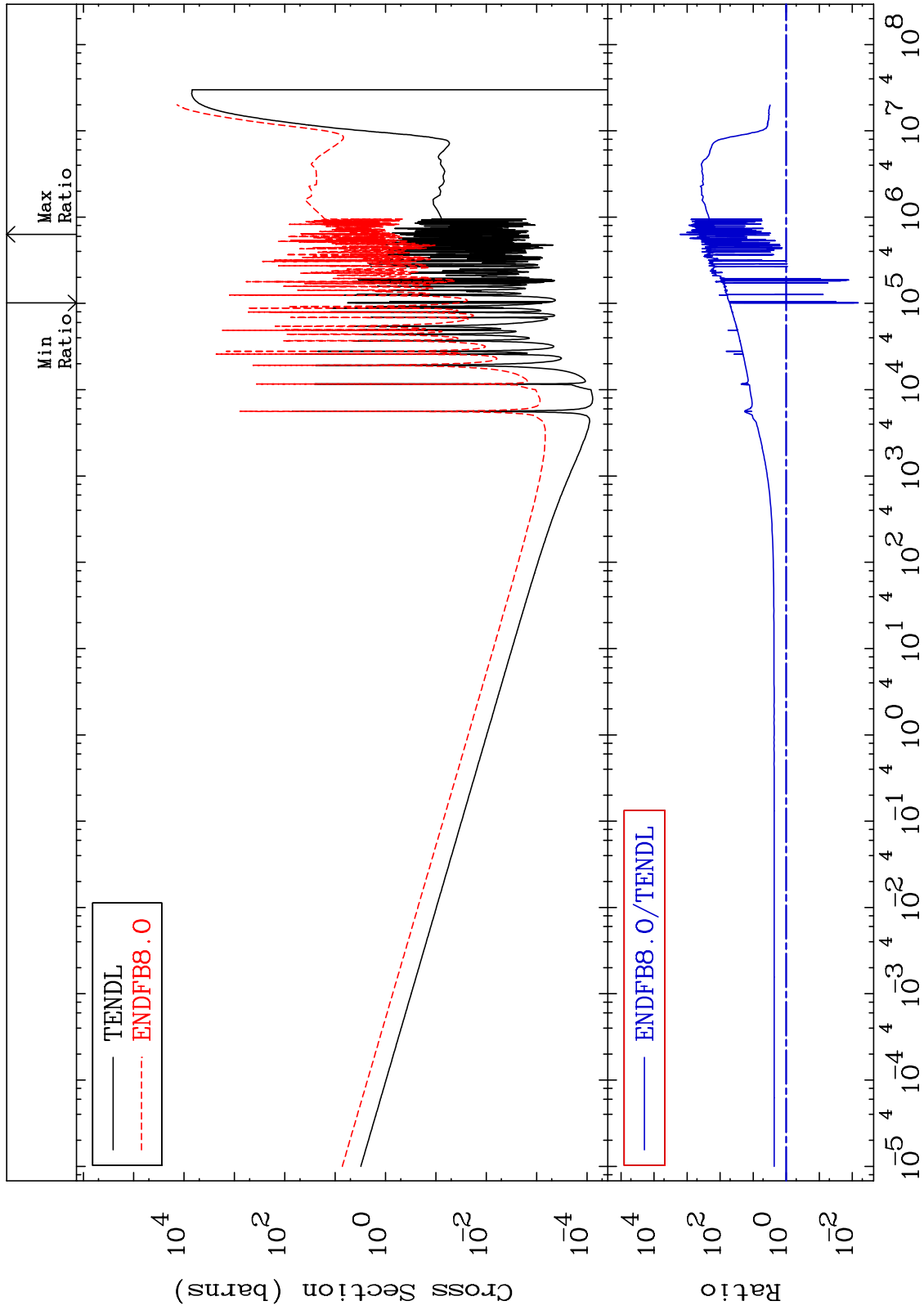
36-Kr-86
-59.07 To 9999. %



MAT 3649

Dpa disappearance (mt102 -120)
Cross Section

36-Kr-86
-99.34 To 9999. %



39

Incident Energy (eV)

36-Kr-86