

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

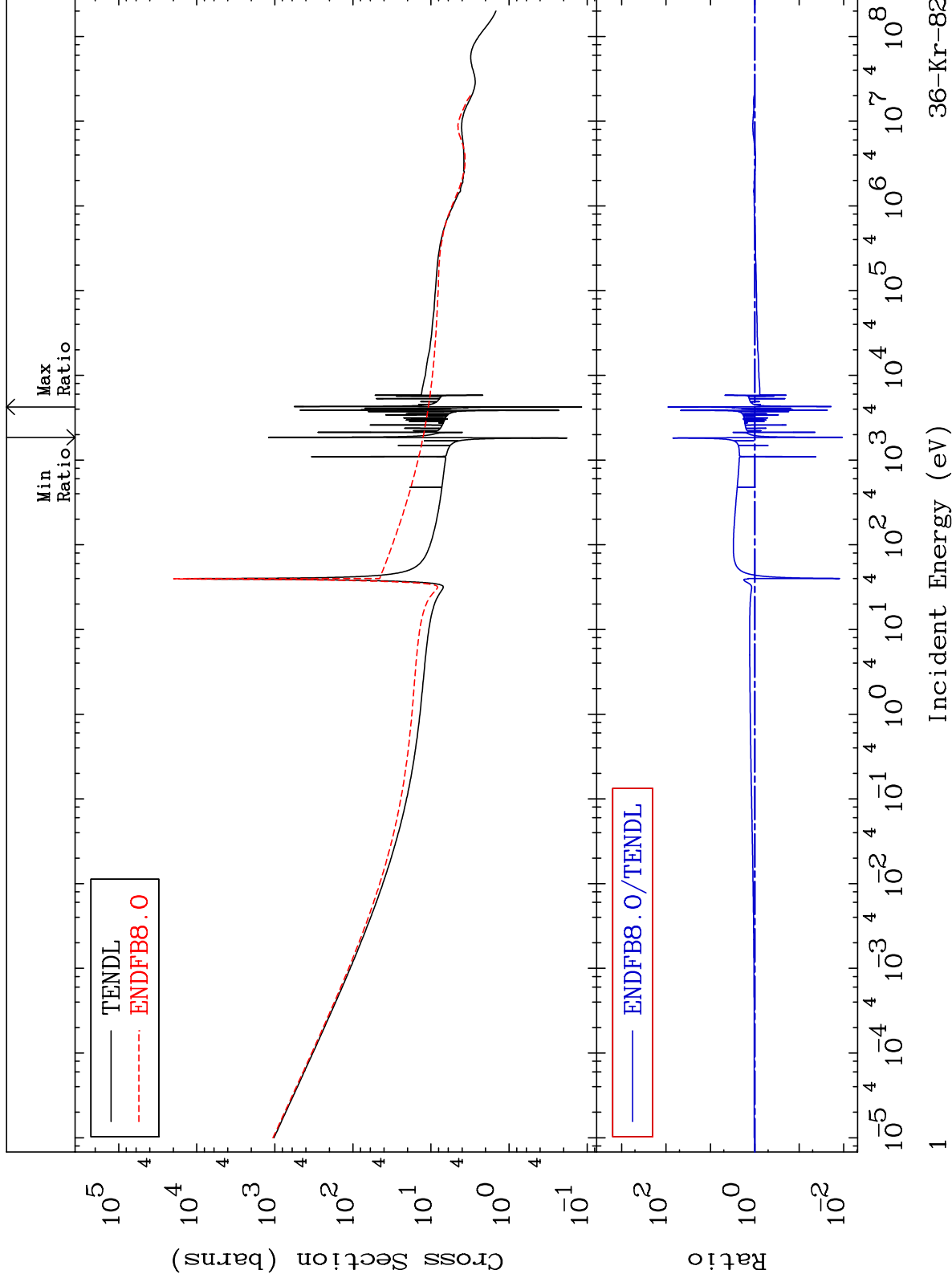
MAT 3637

Total

36-Kr-82

Cross Section

-98.95 To 9133. %

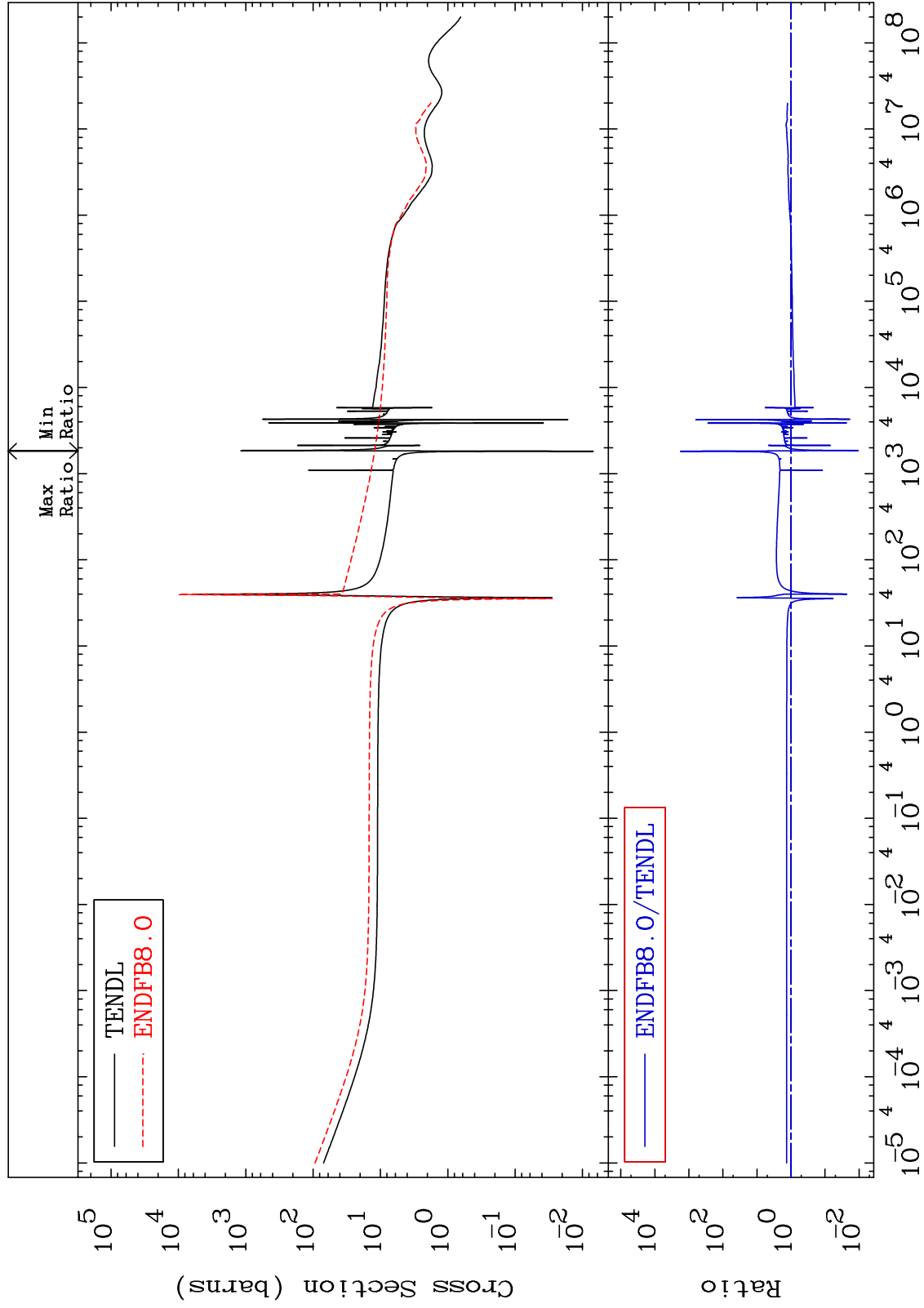


36-Kr-82

MAT 3637

Elastic
Cross Section

36-Kr-82
-98.96 To 9999. %



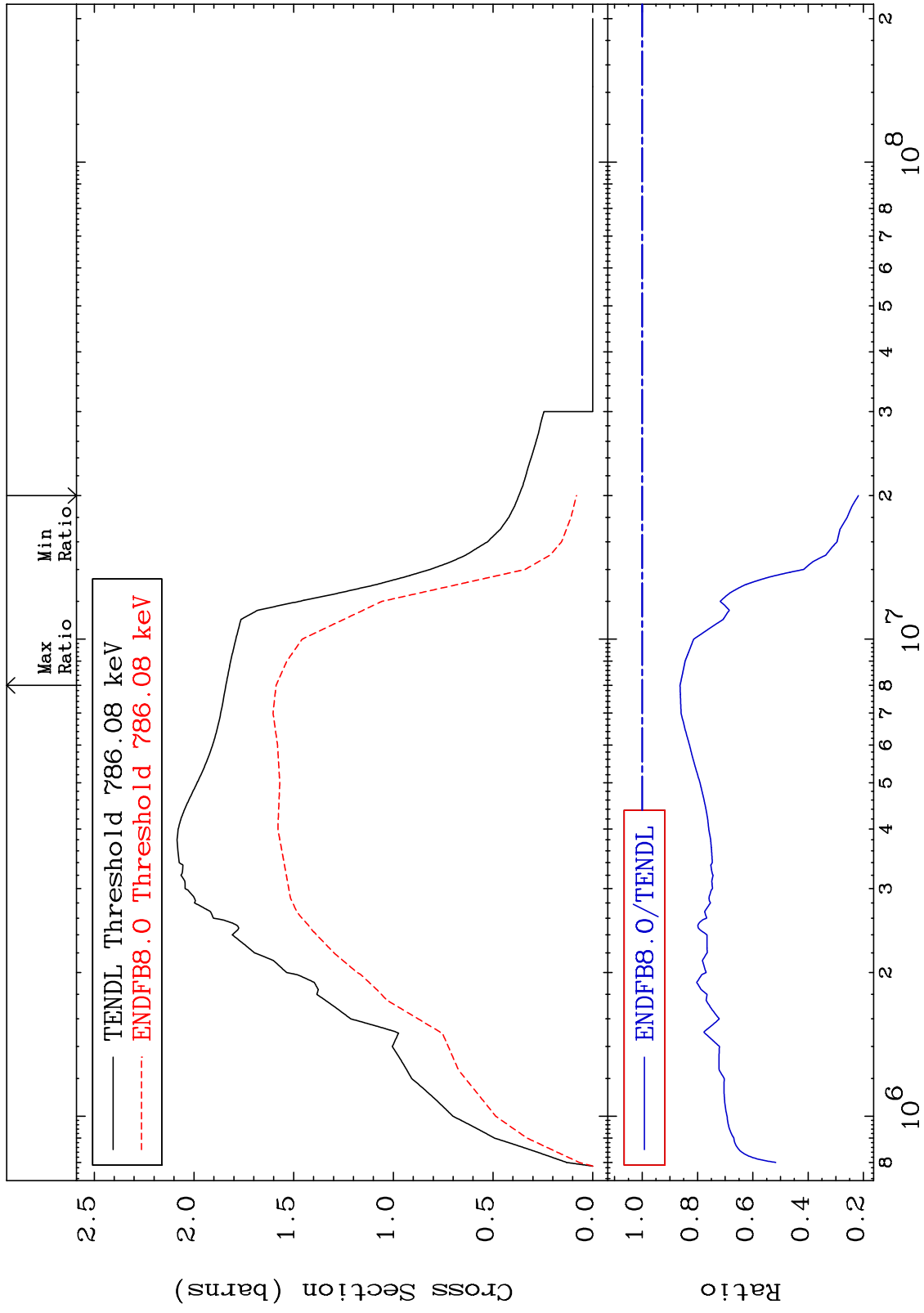
MAT 3637

36-Kr-82

-78.18 To -13.66%

Inelastic

Cross Section



Incident Energy (eV)

36-Kr-82

3

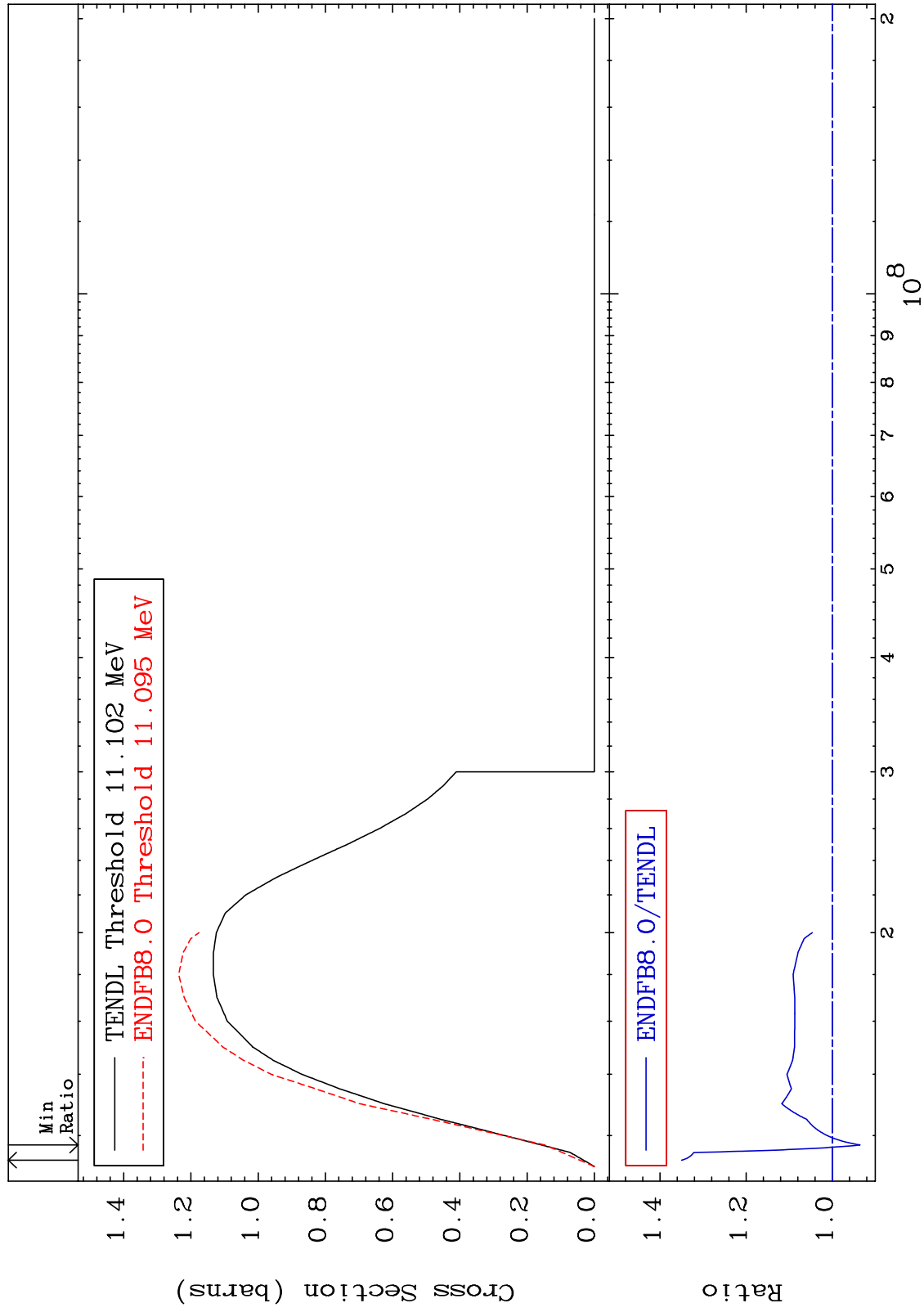
MAT 3637

(n,2n)

36-Kr-82

Cross Section

-6.453 To 34.96 %



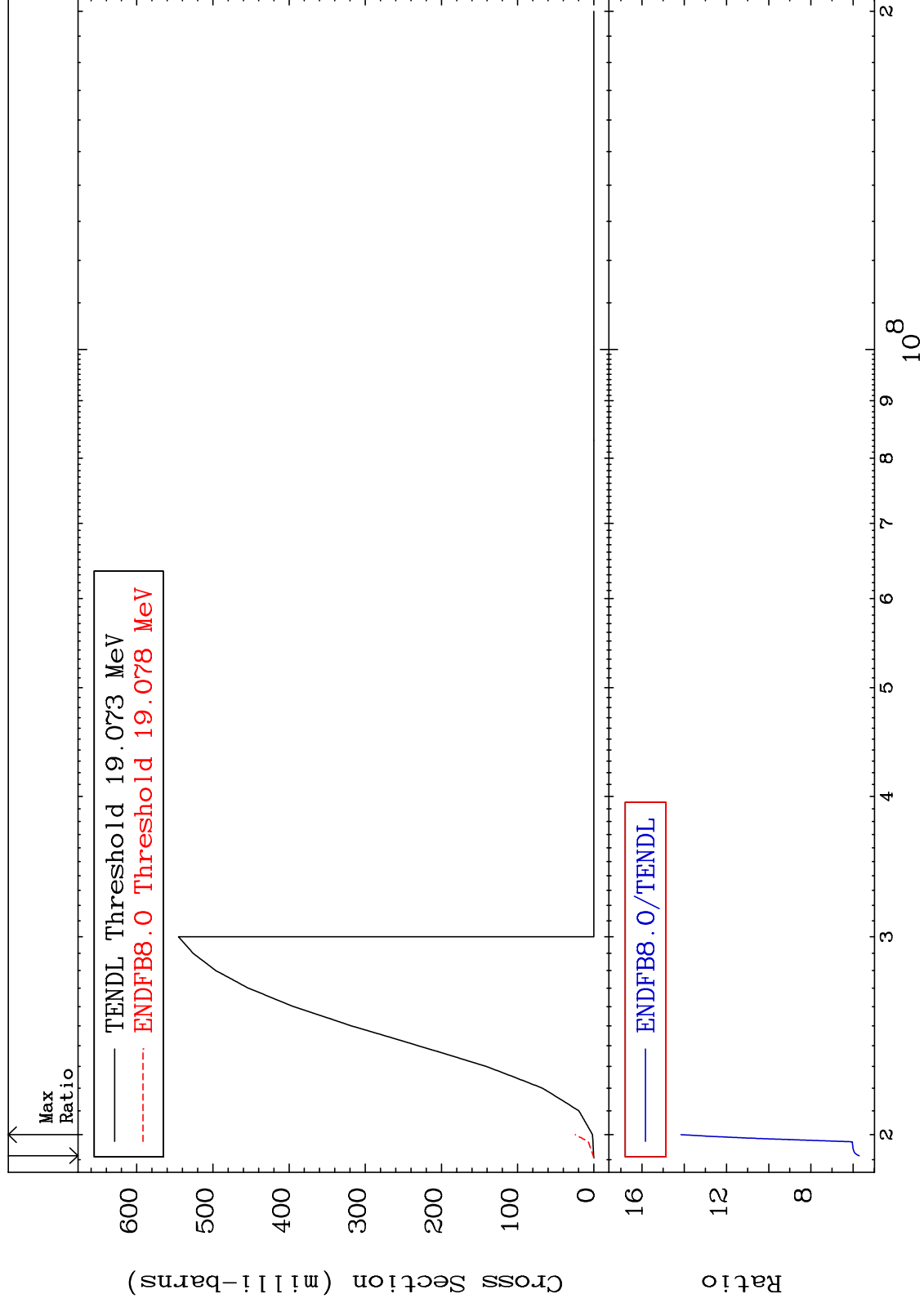
MAT 3637

(n,3n)

³⁶Kr-82

Cross Section To 1315. %

Cross Section



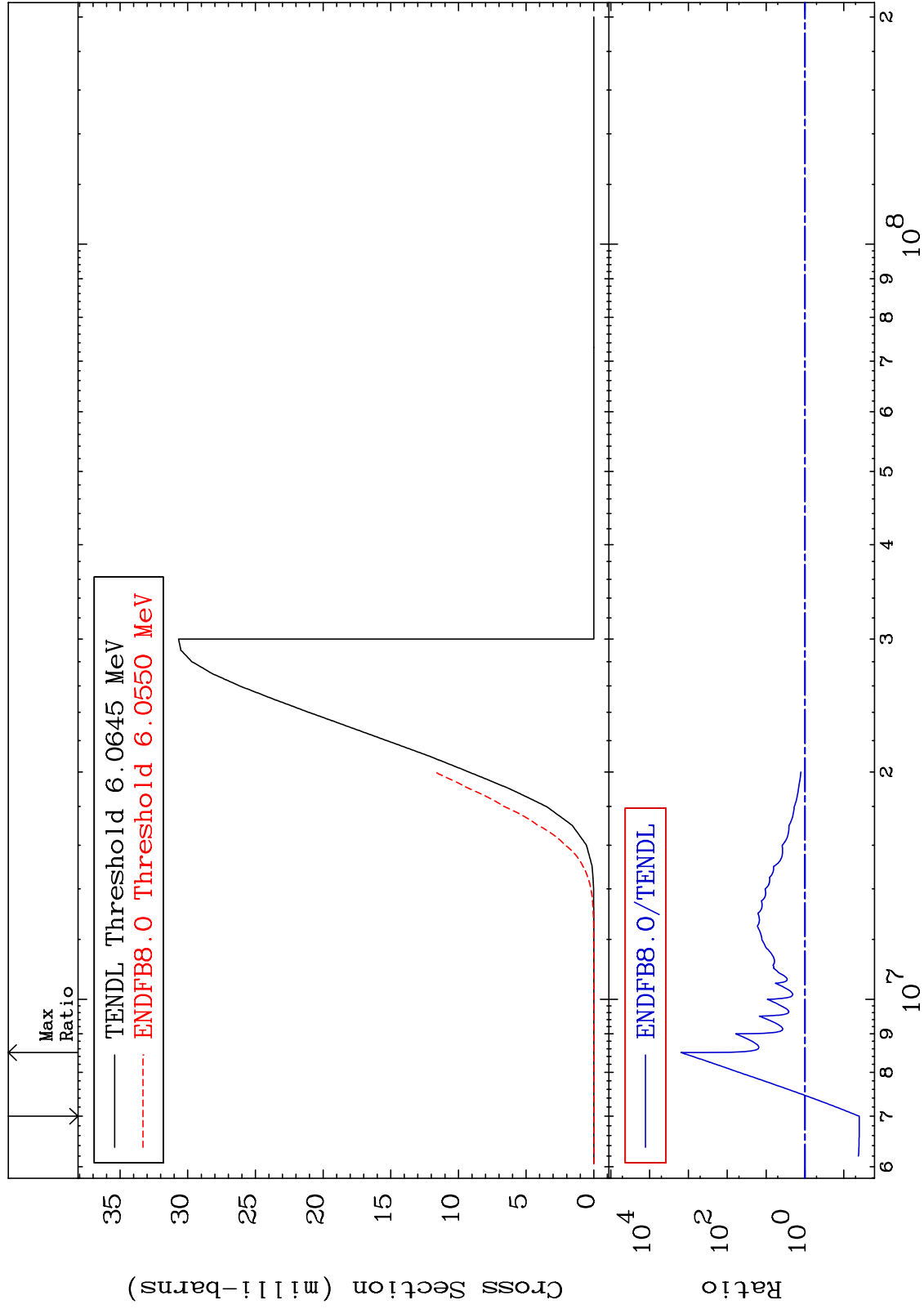
MAT 3637

(n, n') α

36-Kr-82

Cross Section

-96.02 To 9999. %



6

Incident Energy (eV)

36-Kr-82

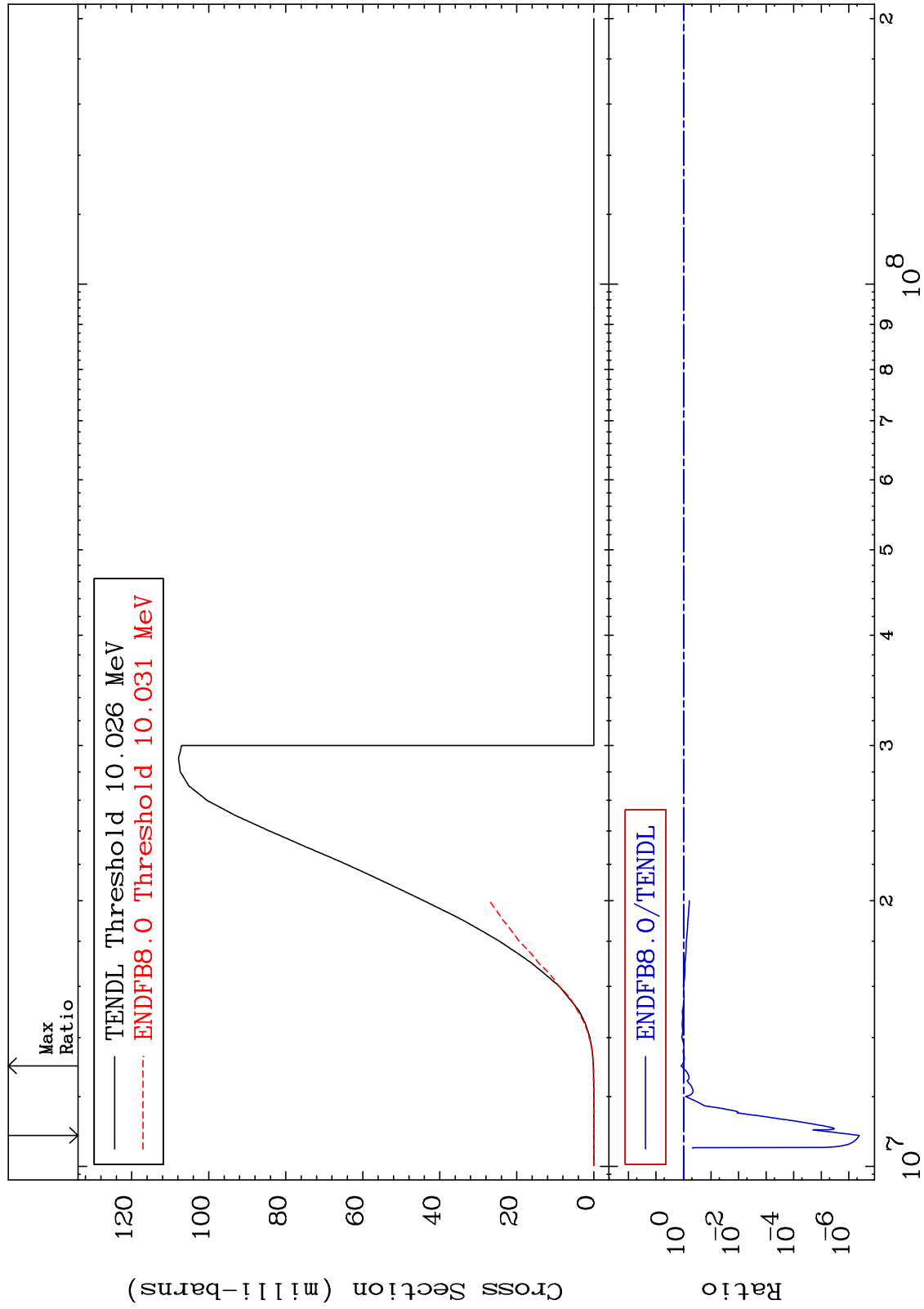
MAT 3637

(n,n') p

36-Kr-82

Cross Section

-100.0 To 23.11 %



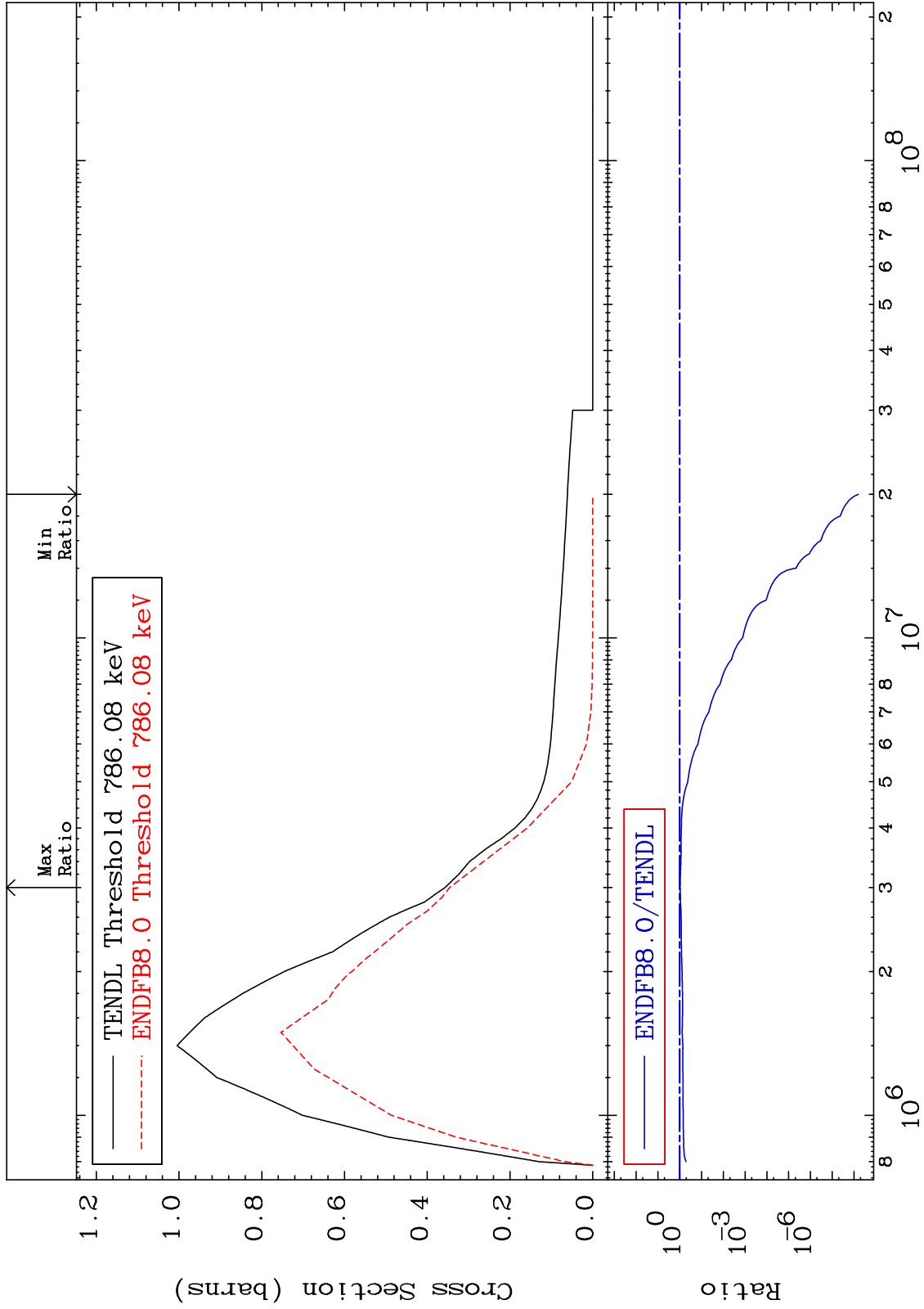
Incident Energy (eV)

36-Kr-82

MAT 3637

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

36-Kr-82
-100.0 To -3.100%



8

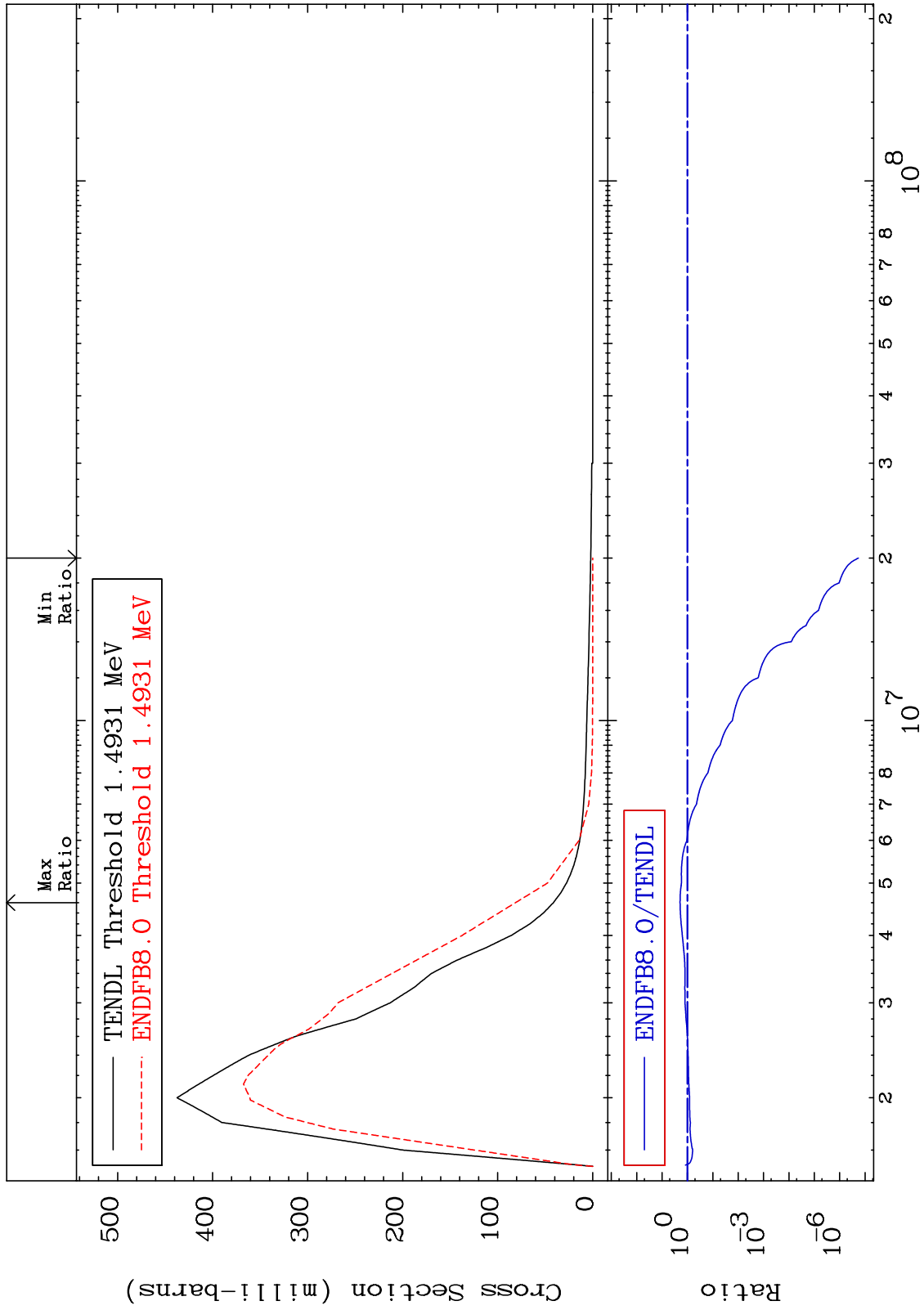
Incident Energy (eV)

36-Kr-82

MAT 3637

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

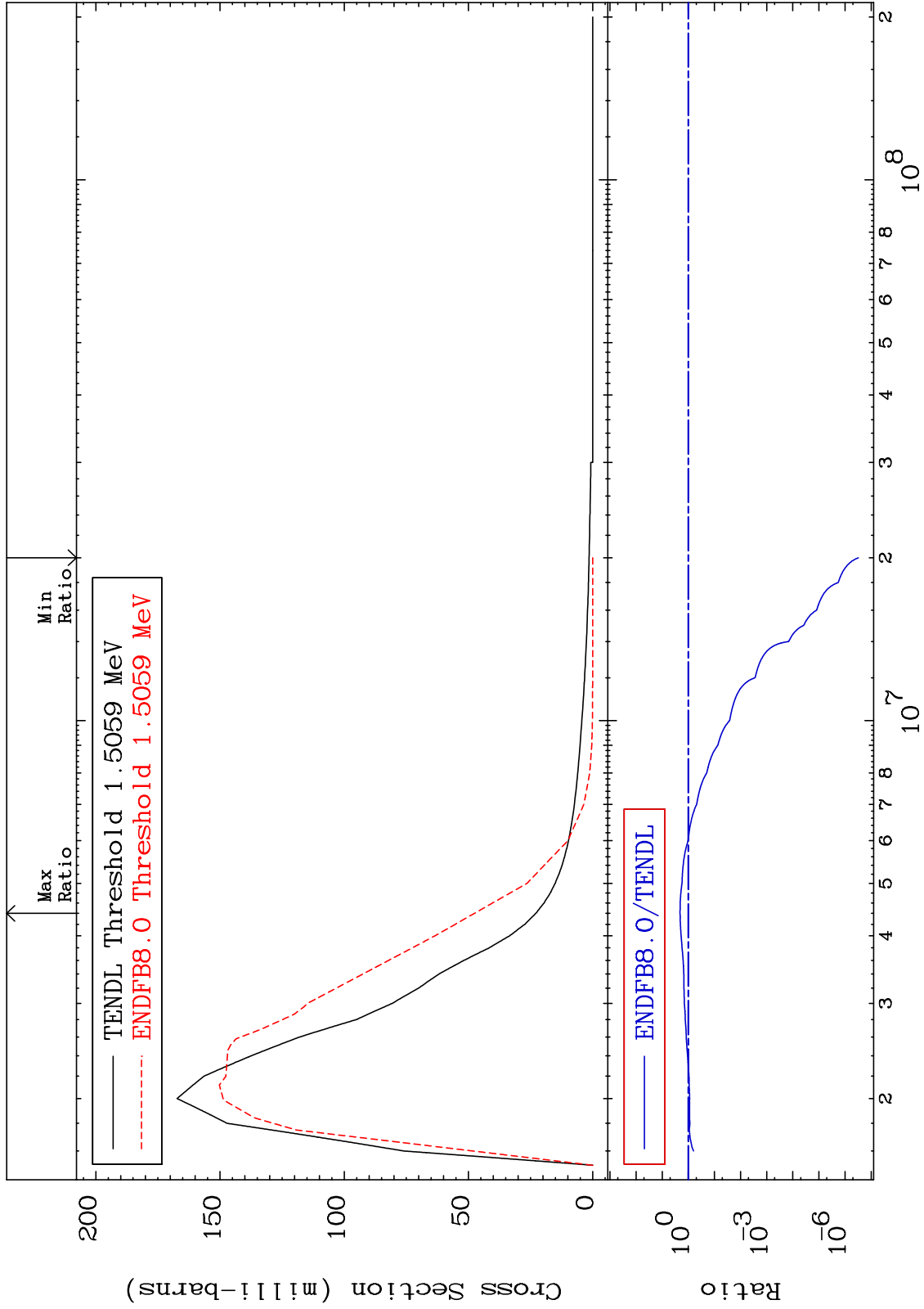
36-Kr-82
-100.0 To 96.50 %



MAT 3637

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

36-Kr-82
-100.0 To 108.2 %



10

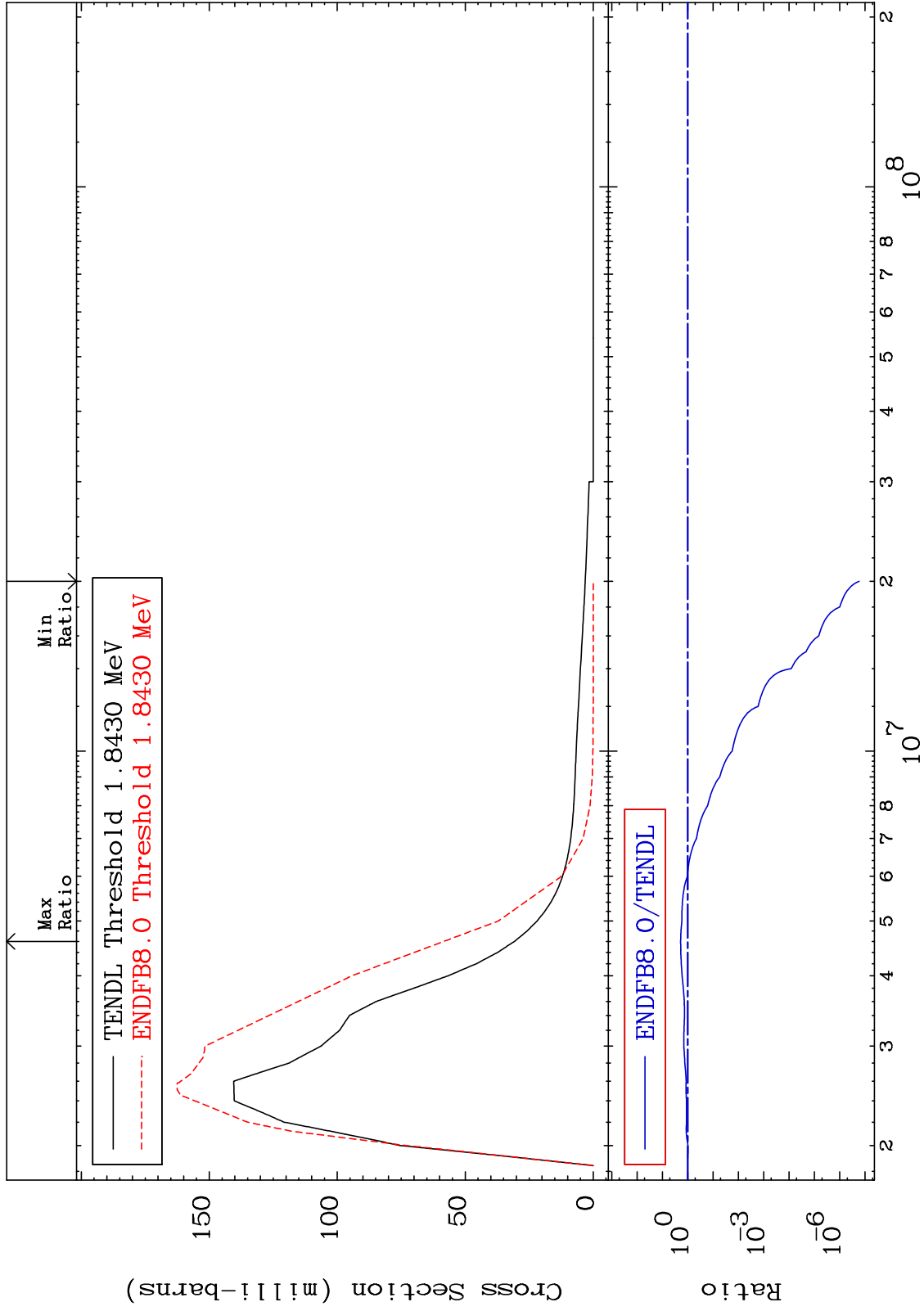
Incident Energy (eV)

36-Kr-82

MAT 3637

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

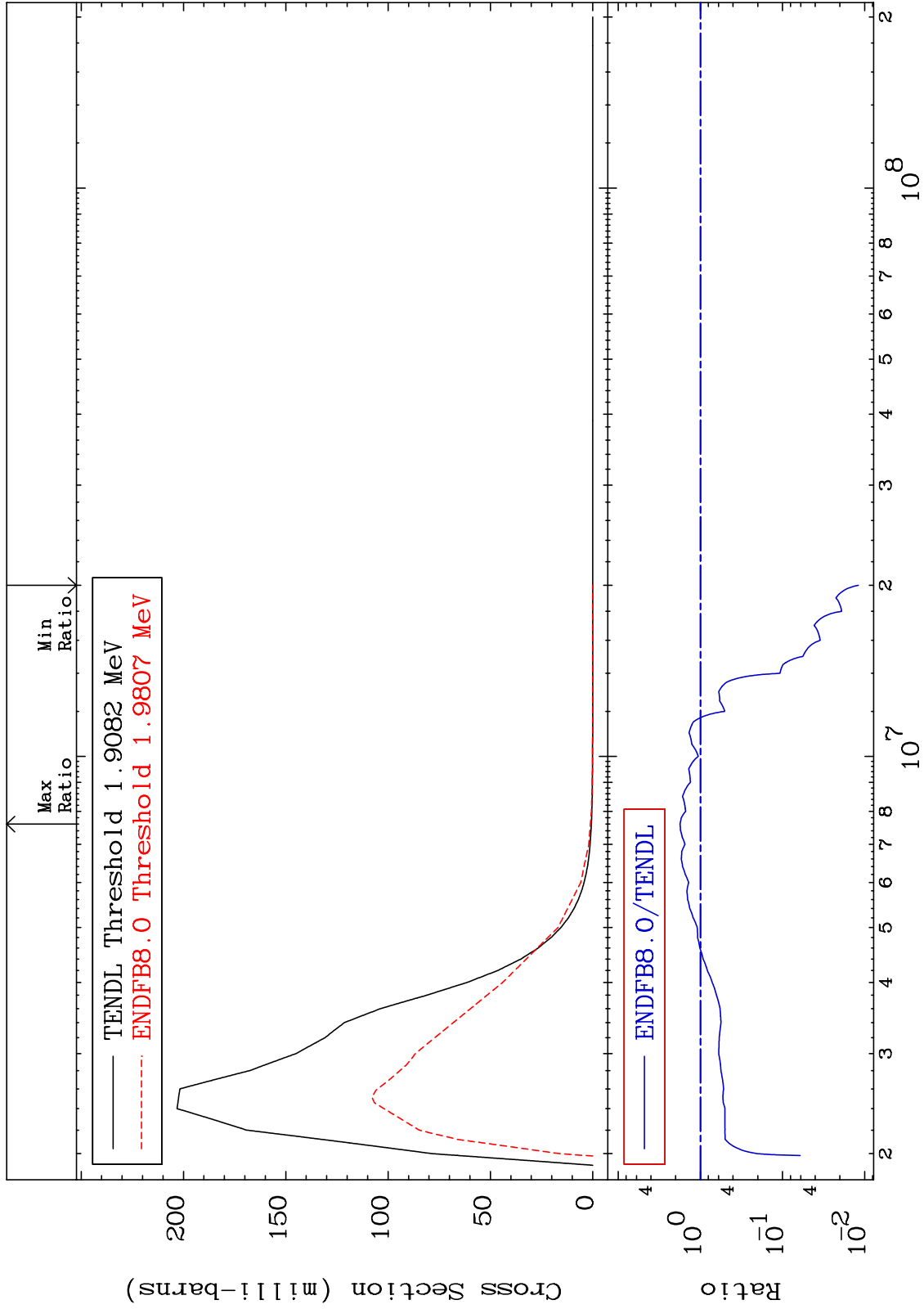
36-Kr-82
-100.0 To 89.64 %



MAT 3637

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

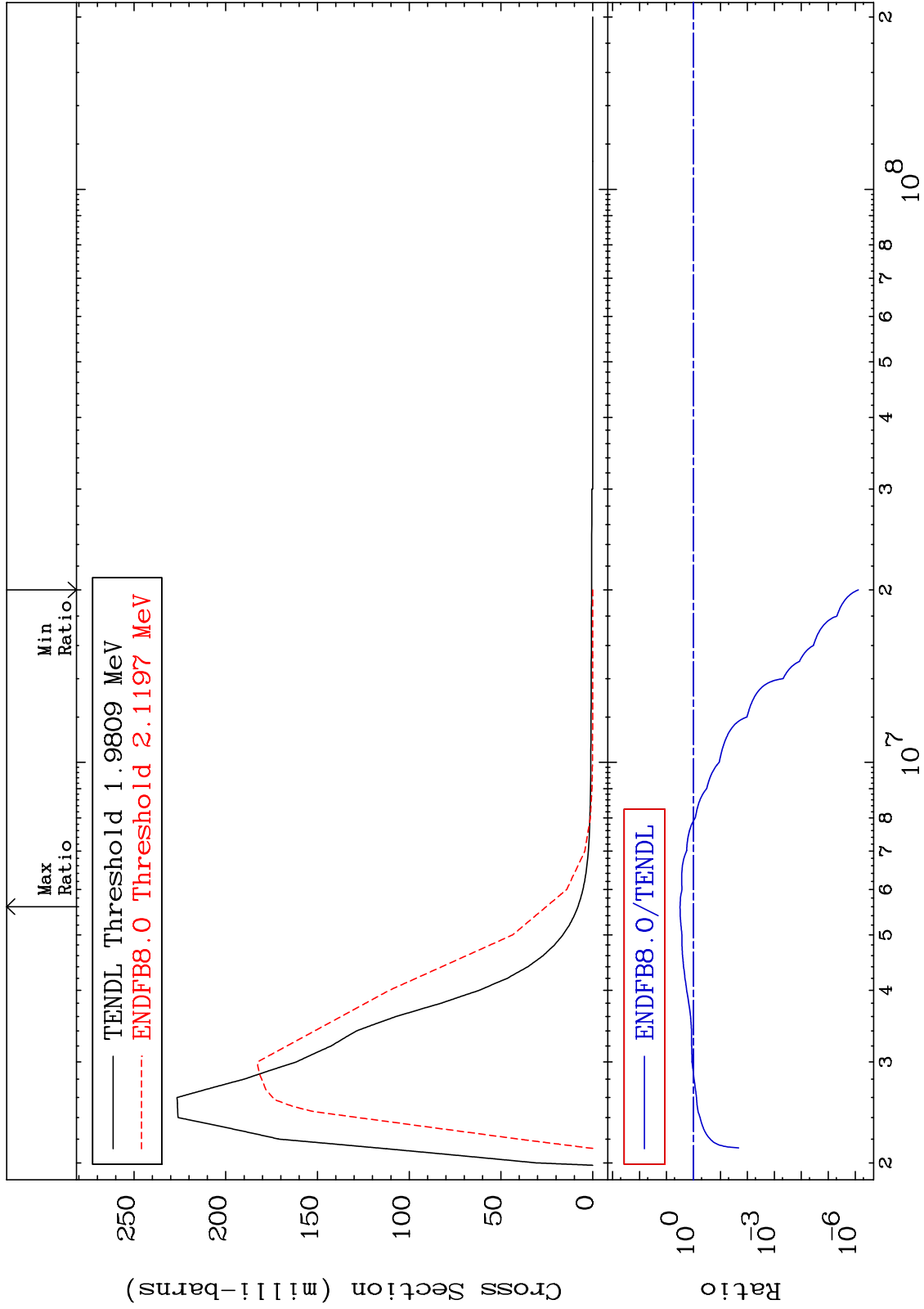
36-Kr-82
-98.81 To 76.89 %



MAT 3637

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

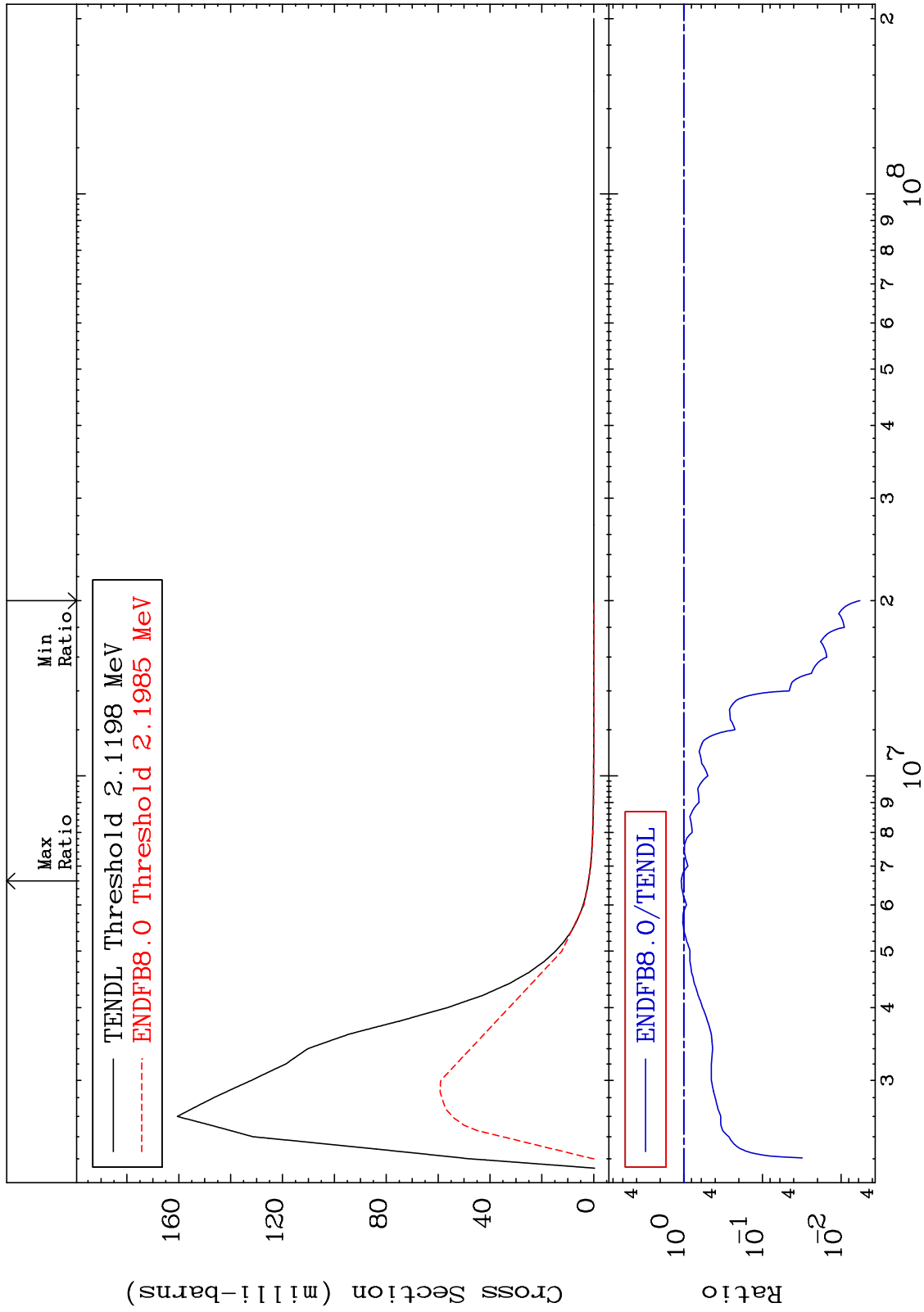
36-Kr-82
-100.0 To 214.8 %



MAT 3637

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

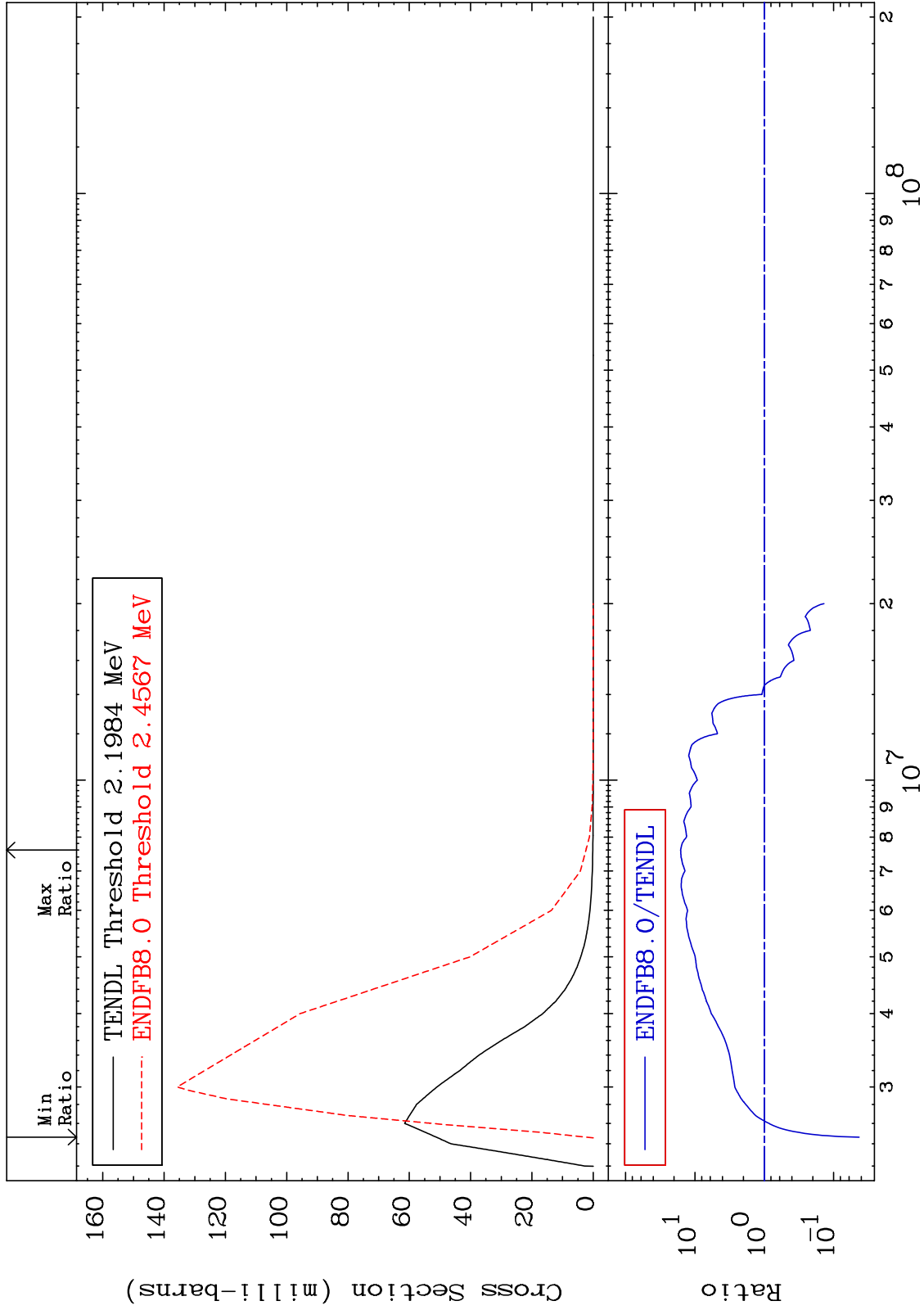
36-Kr-82
-99.42 To 8.053 %



MAT 3637

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

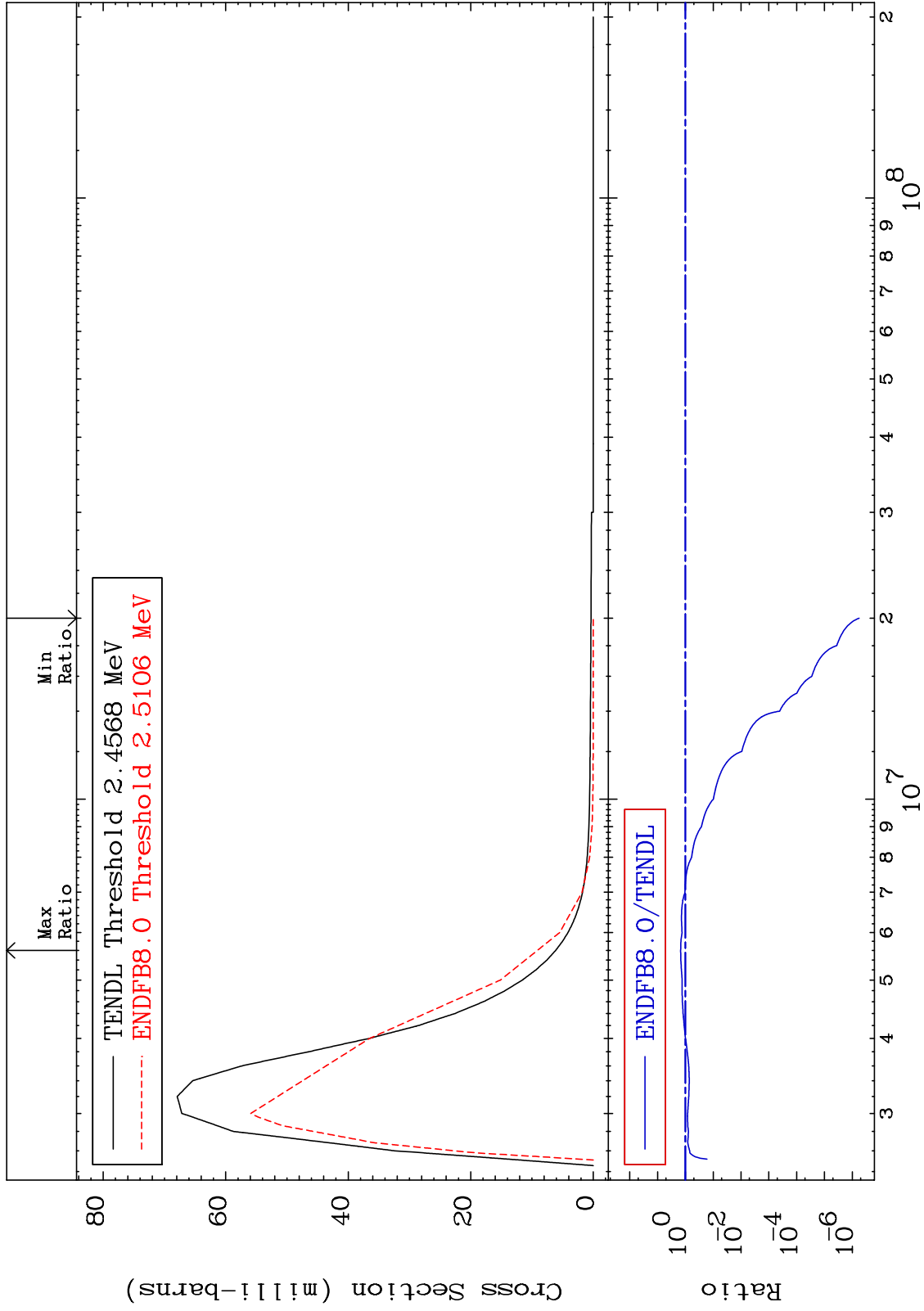
36-Kr-82
-95.71 To 1508. %



MAT 3637

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

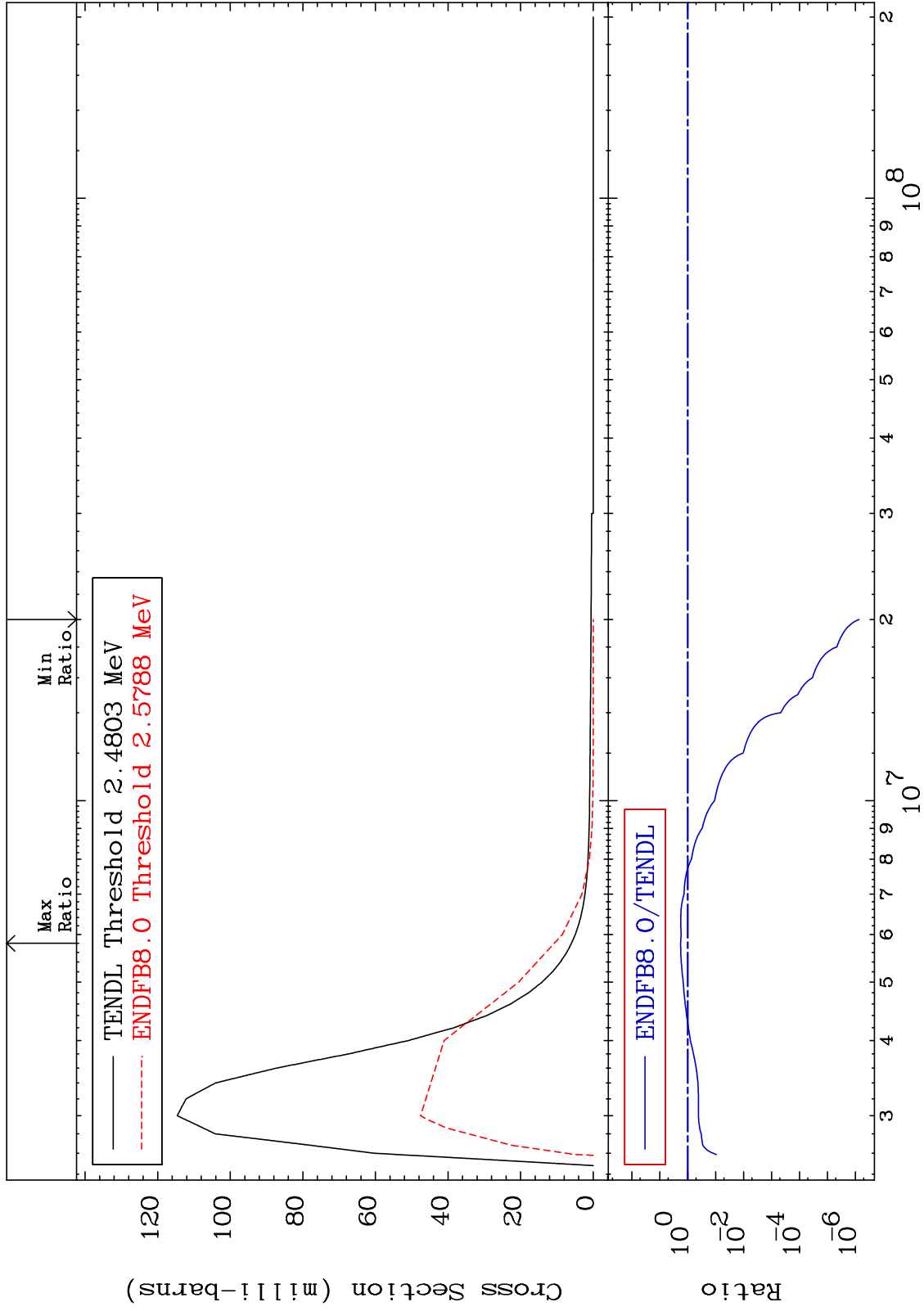
36-Kr-82
-100.0 To 48.64 %



MAT 3637

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

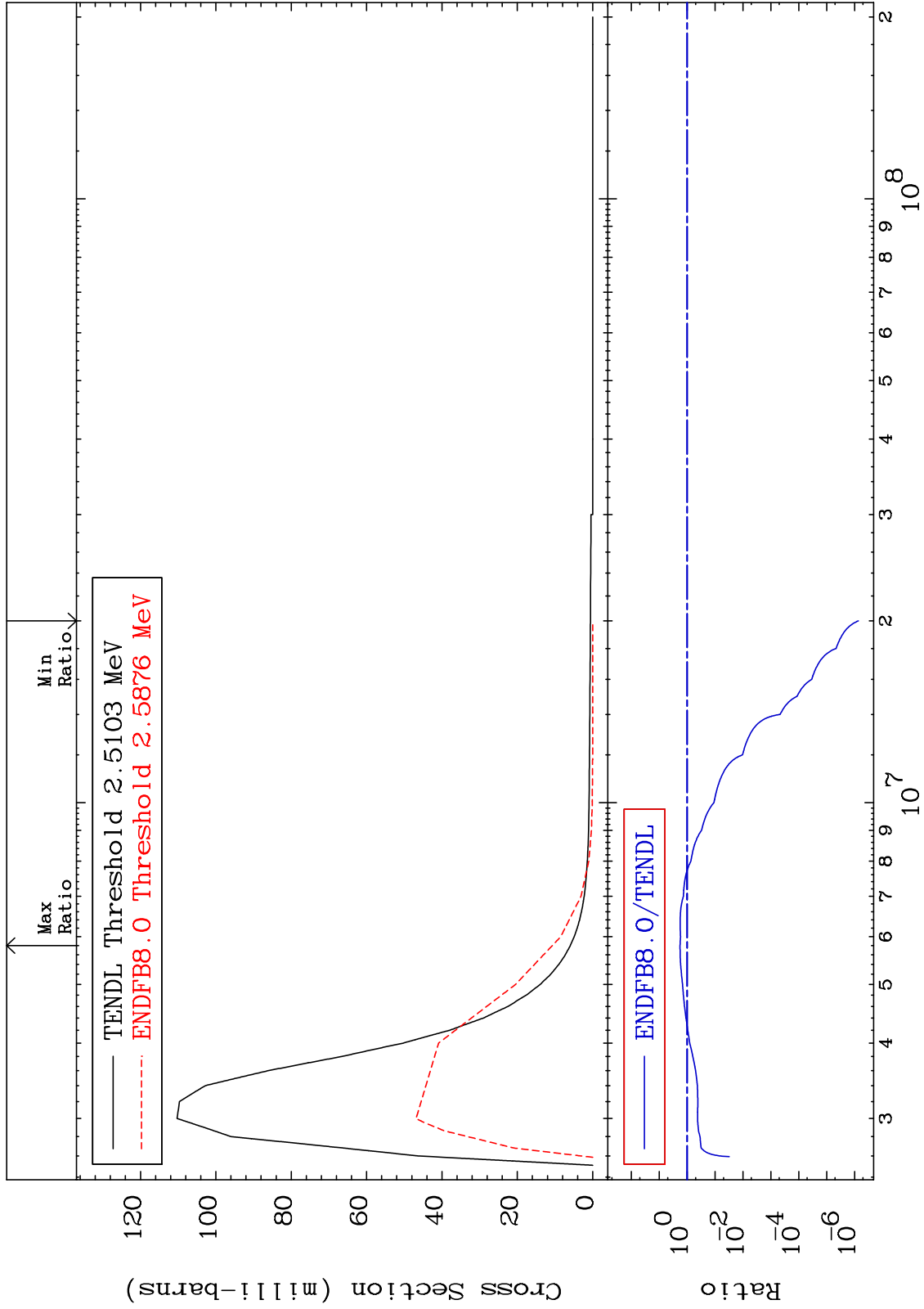
36-Kr-82
-100.0 To 79.69 %



MAT 3637

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

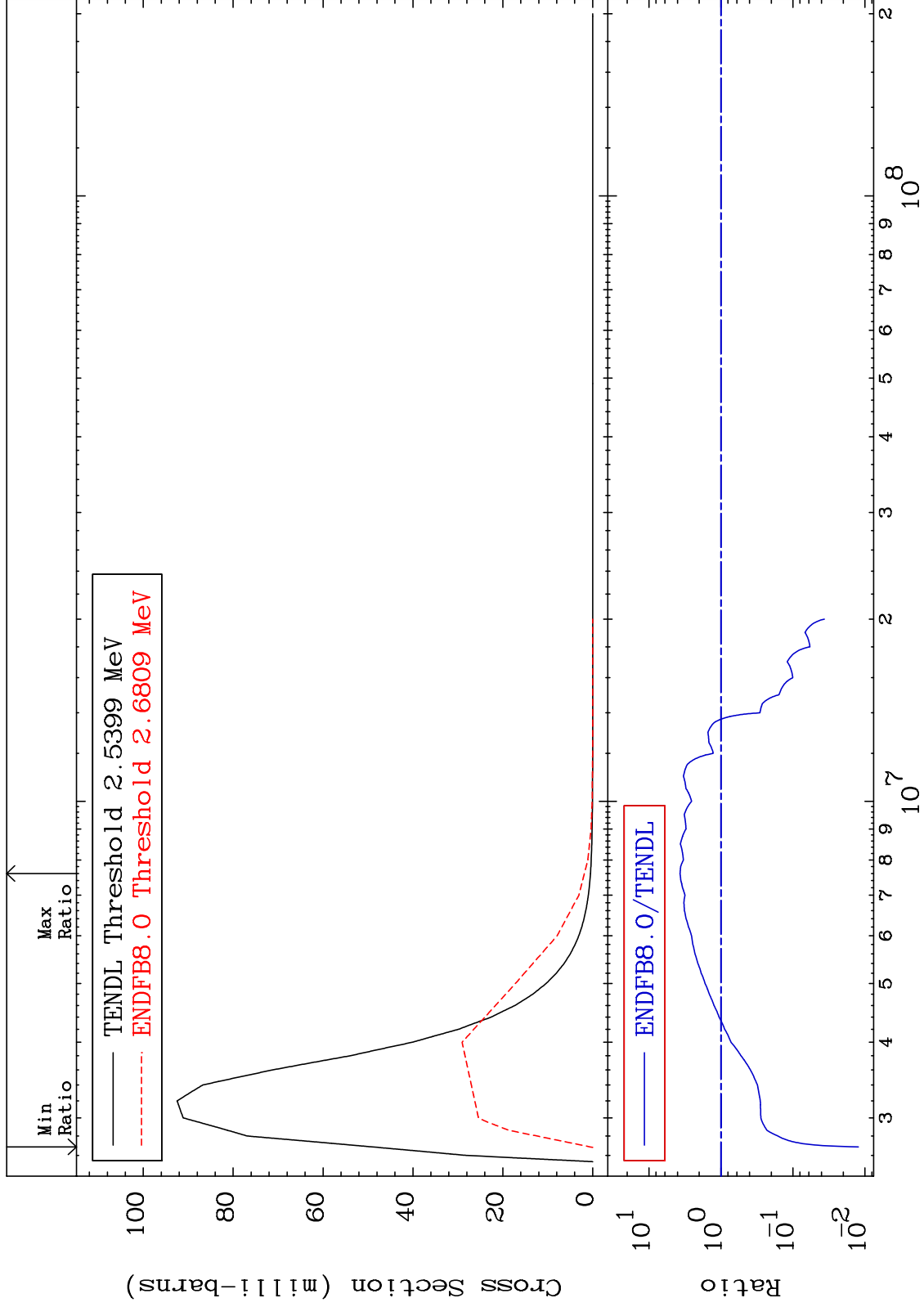
36-Kr-82
-100.0 To 80.43 %



MAT 3637

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

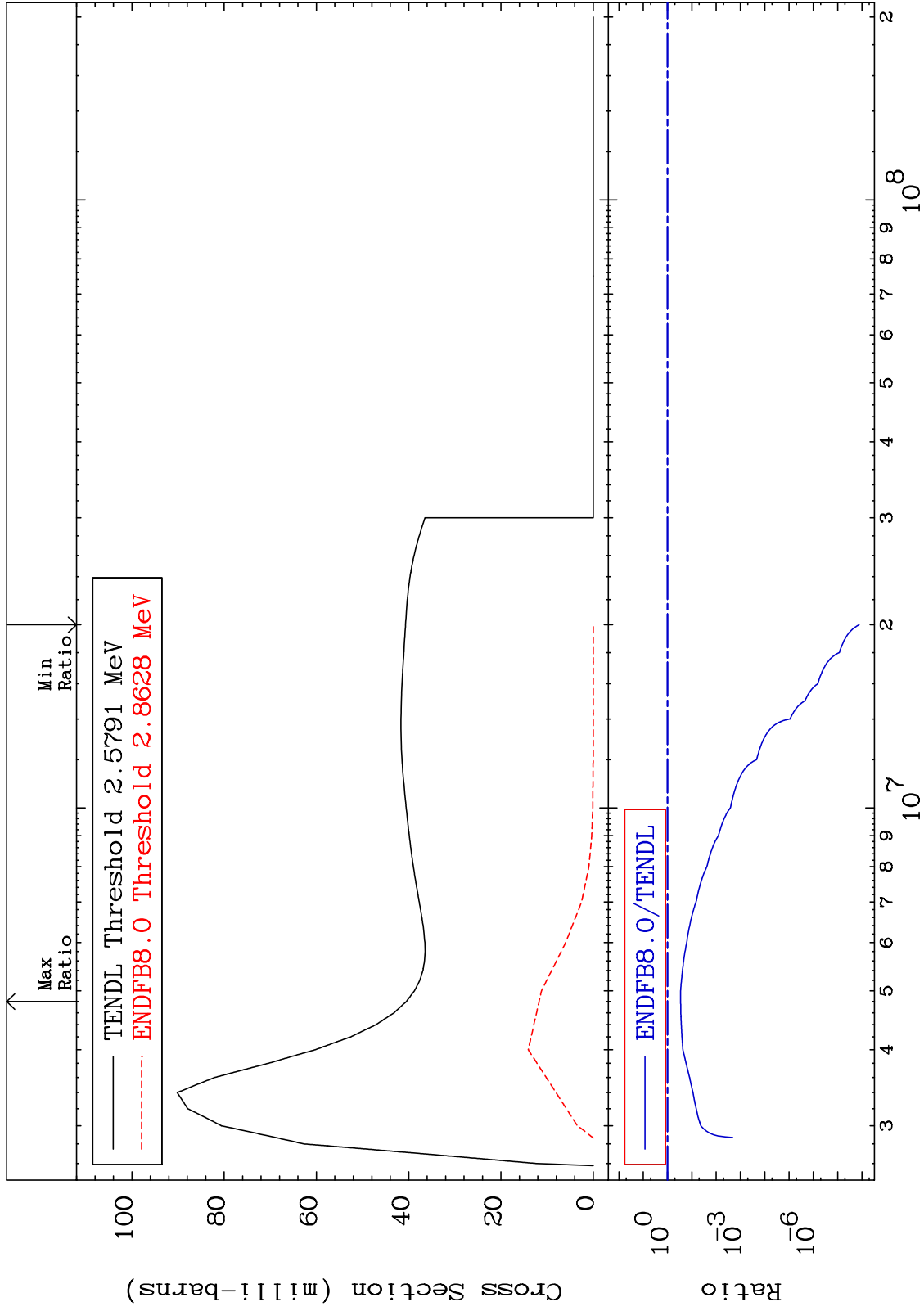
36-Kr-82
-98.77 To 270.0 %



MAT 3637

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

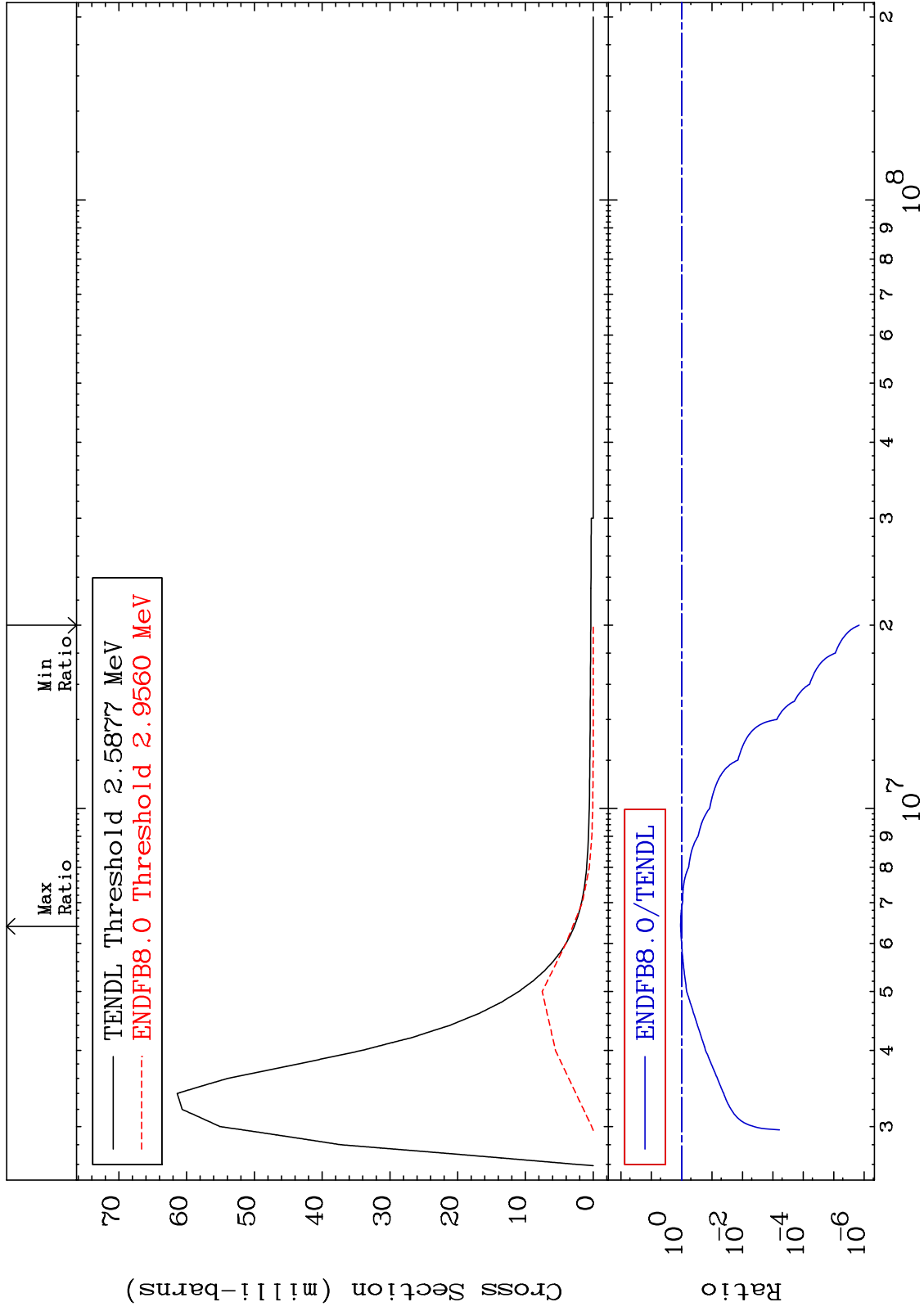
36-Kr-82
-100.0 To -71.03%



MAT 3637

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

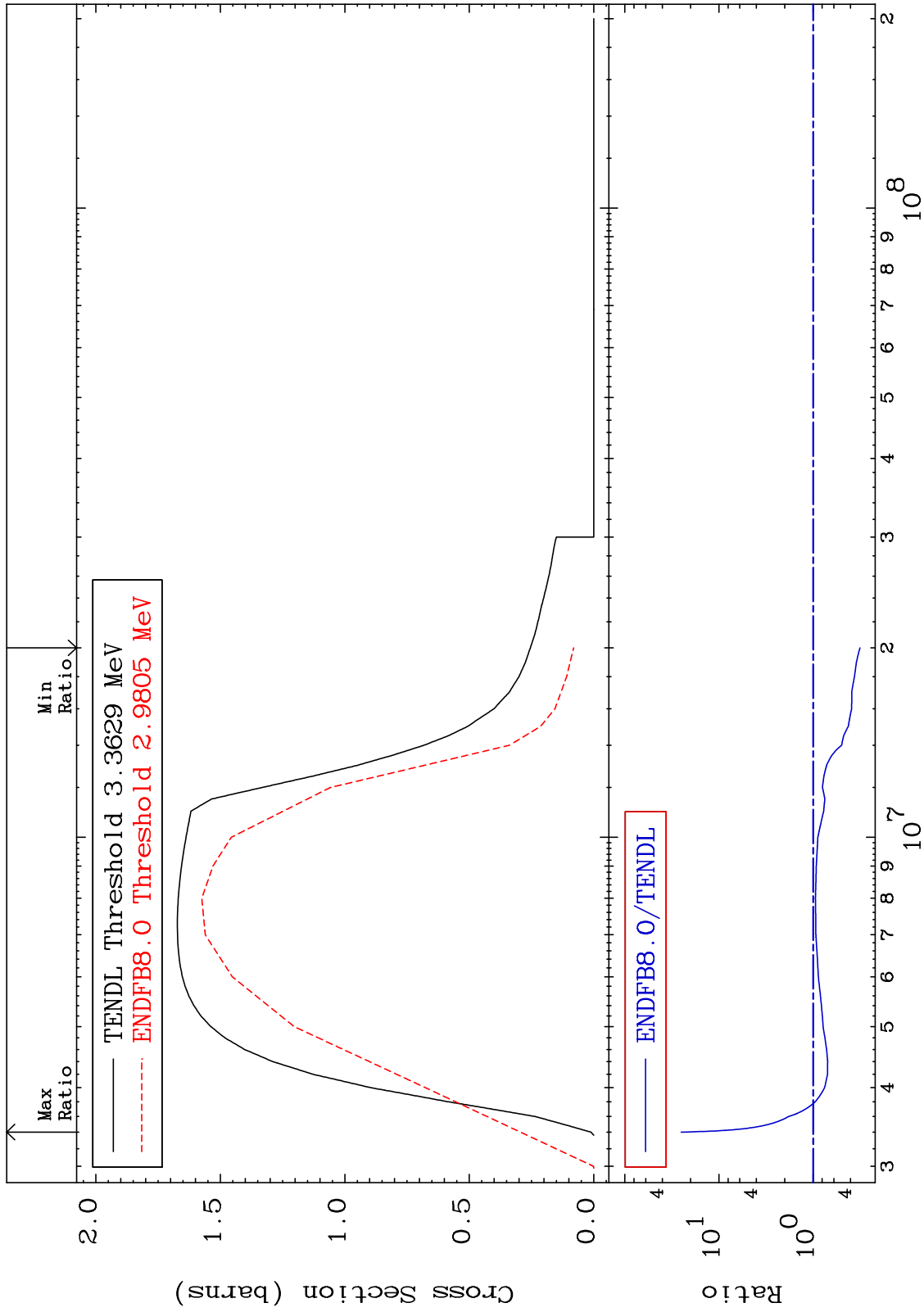
36-Kr-82
-100.0 To 8.217 %



MAT 3637

(n, n') Continuum
Cross Section

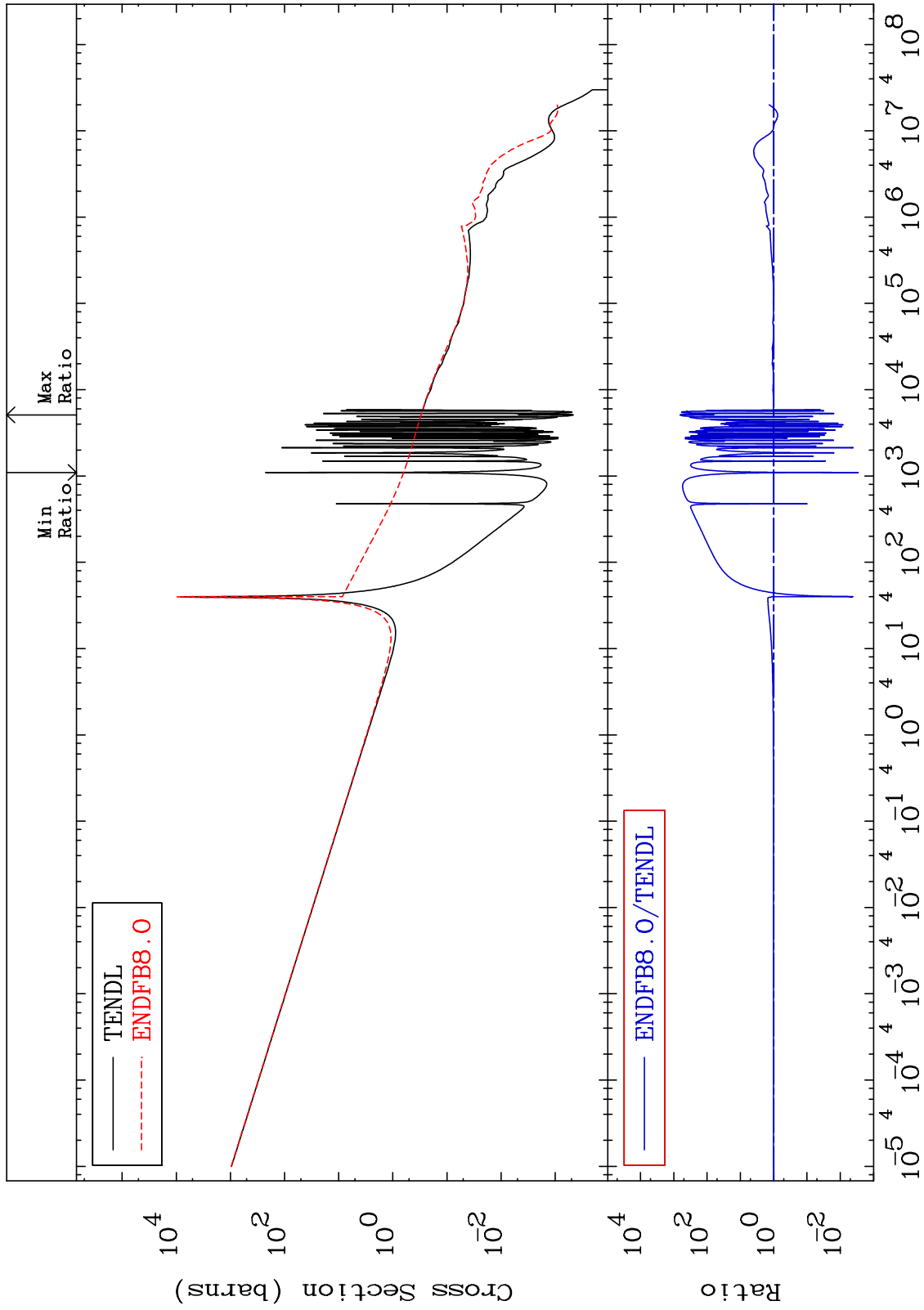
36-Kr-82
-68.26 To 2417. %



MAT 3637

(n, γ)
Cross Section

36-Kr-82
-99.72 To 9999. %



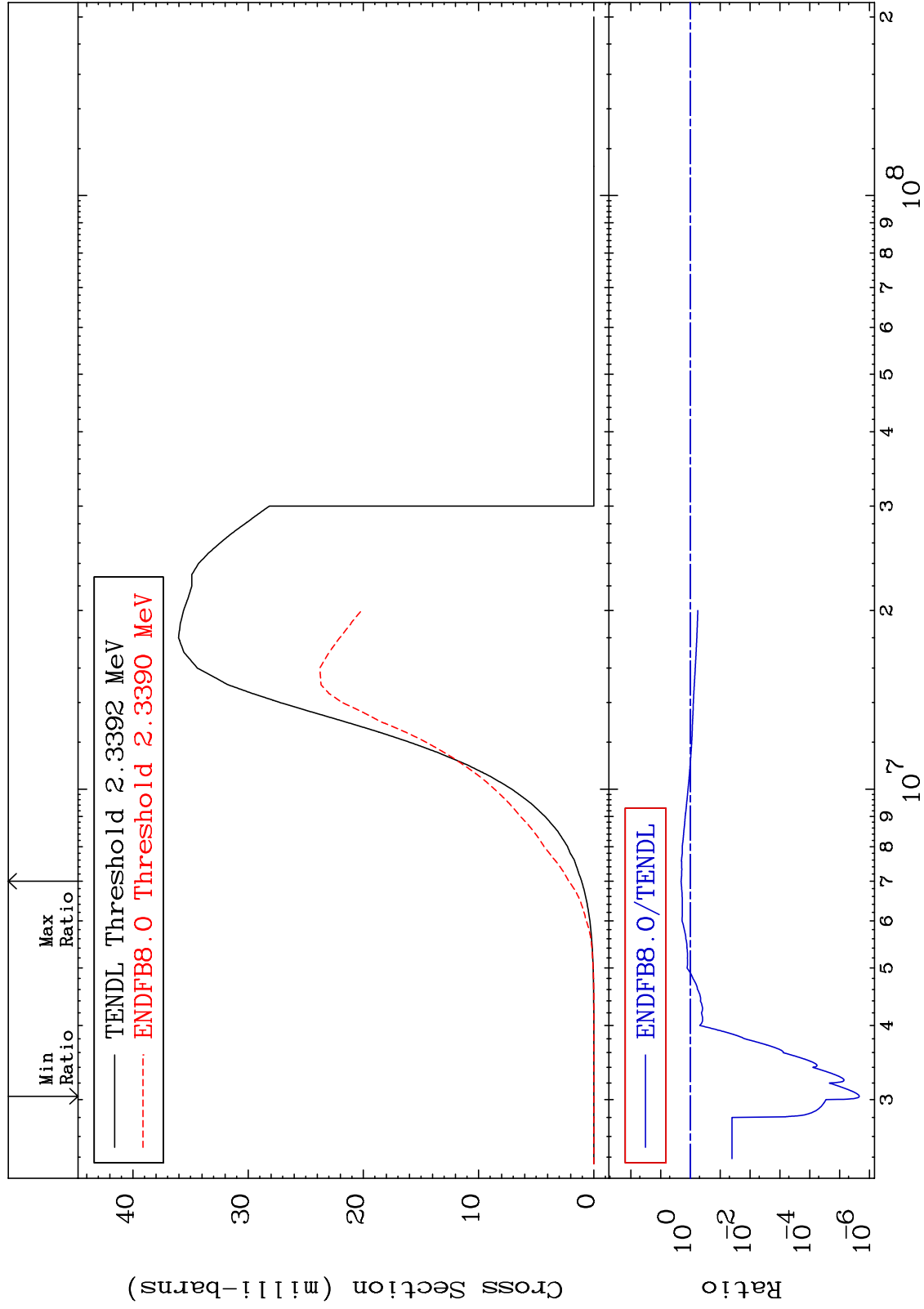
MAT 3637

(n,p)

36-Kr-82

Cross Section

-100.0 To 106.7 %



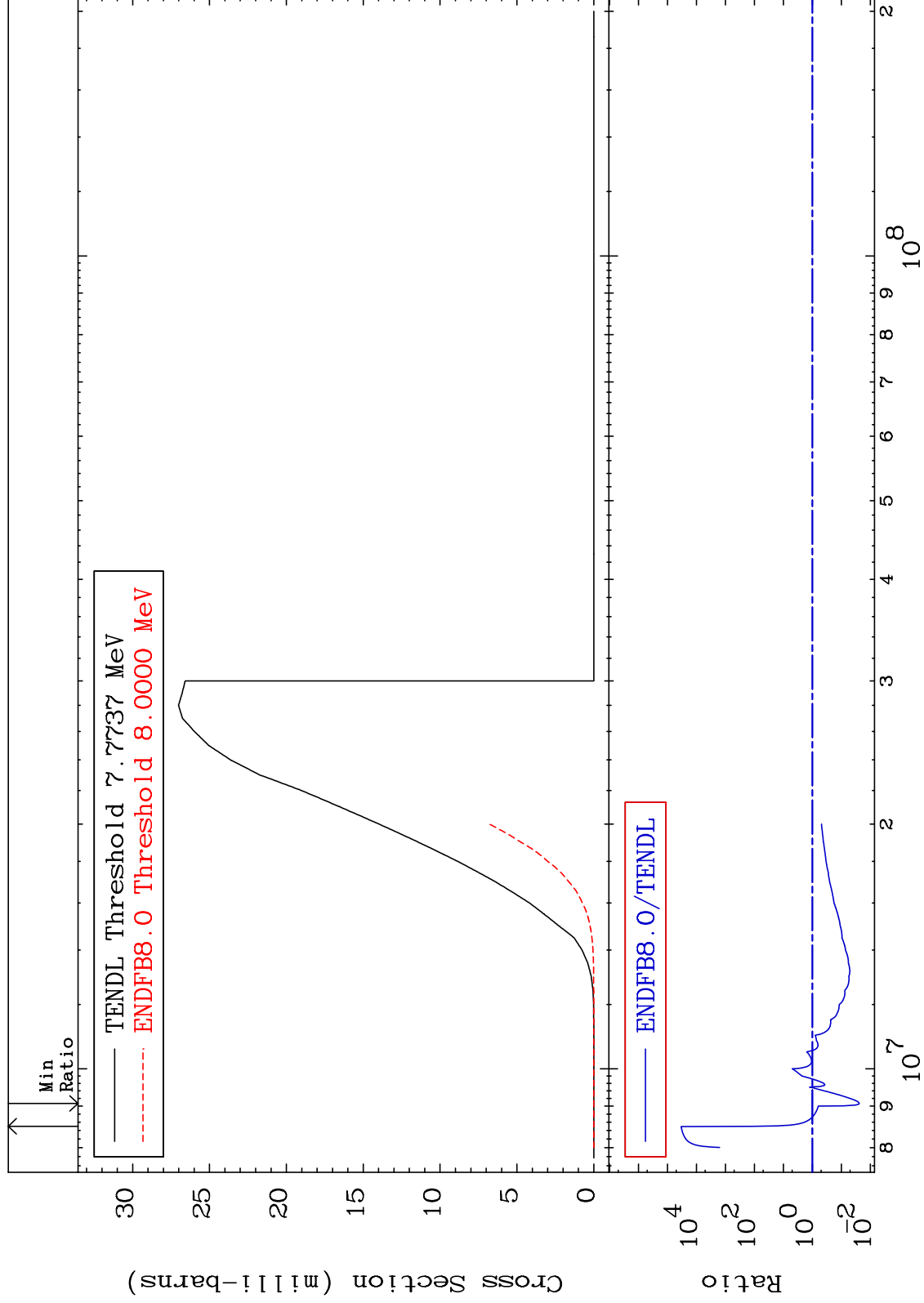
MAT 3637

(n,d)

36-Kr-82

Cross Section

-97.59 To 9999. %



25

Incident Energy (eV)

36-Kr-82

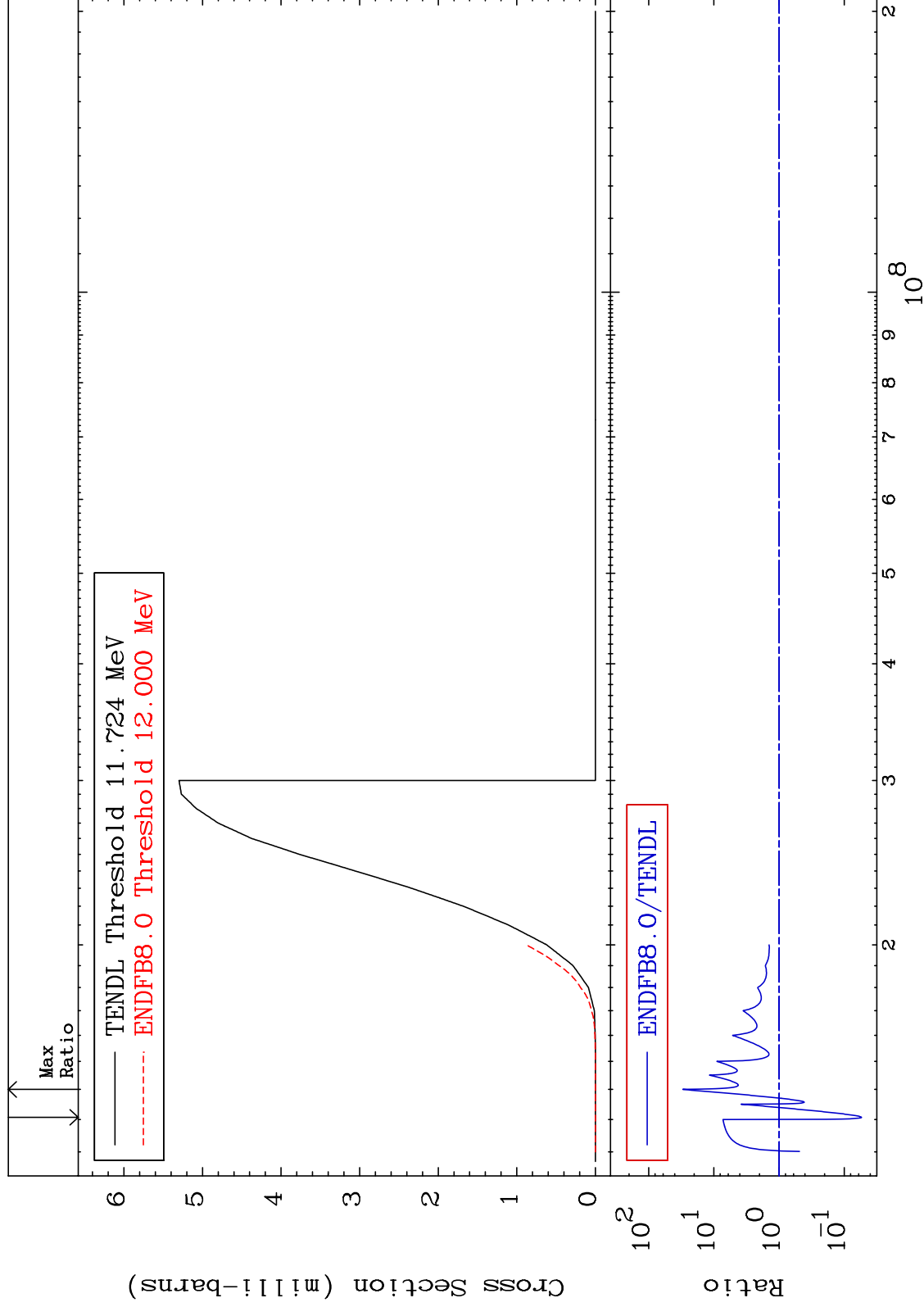
MAT 3637

(n, t)

36-Kr-82

Cross Section

-94.58 To 2892. %



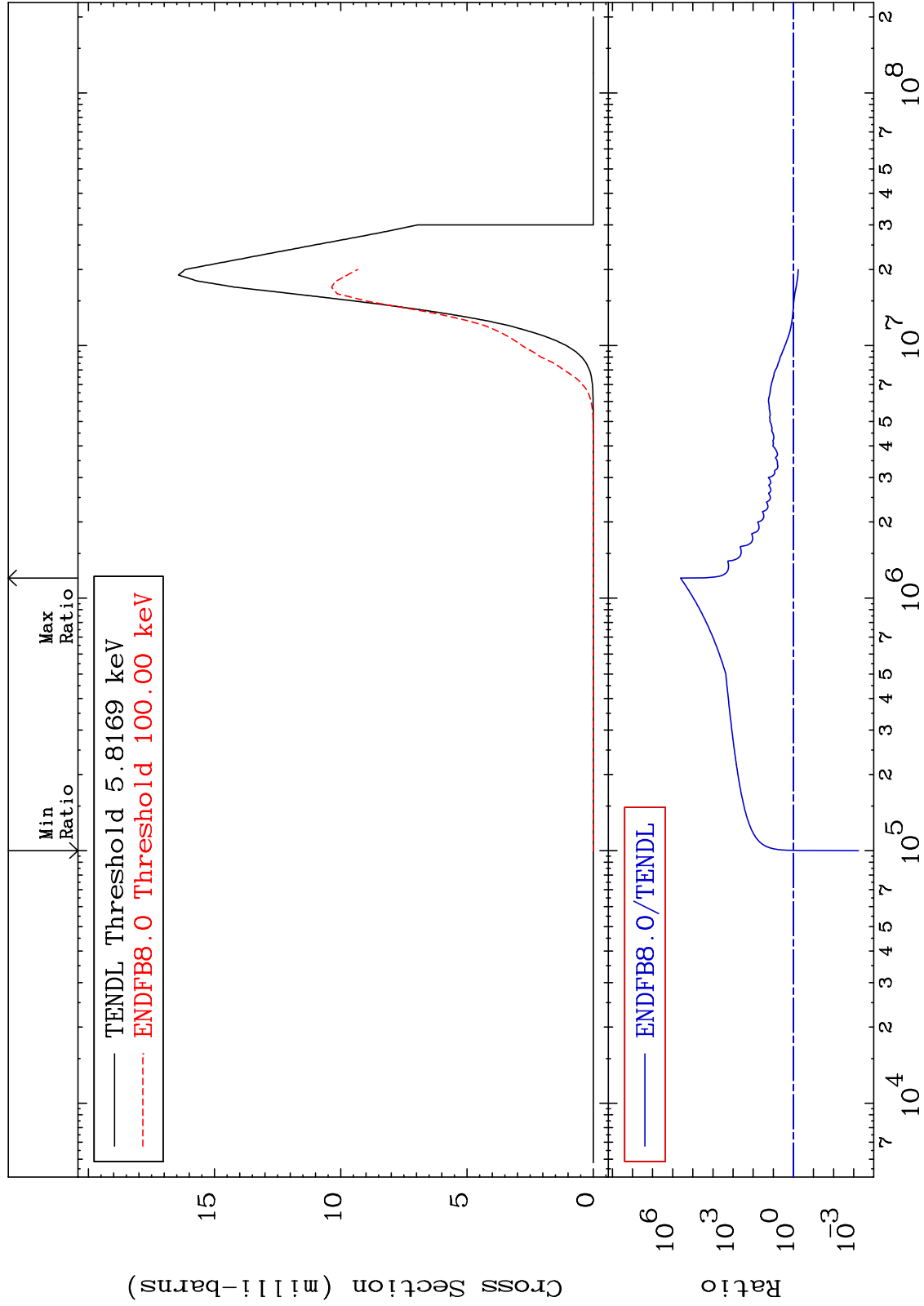
MAT 3637

(n, α)

36-Kr-82

Cross Section

-99.94 To 9999. %



27

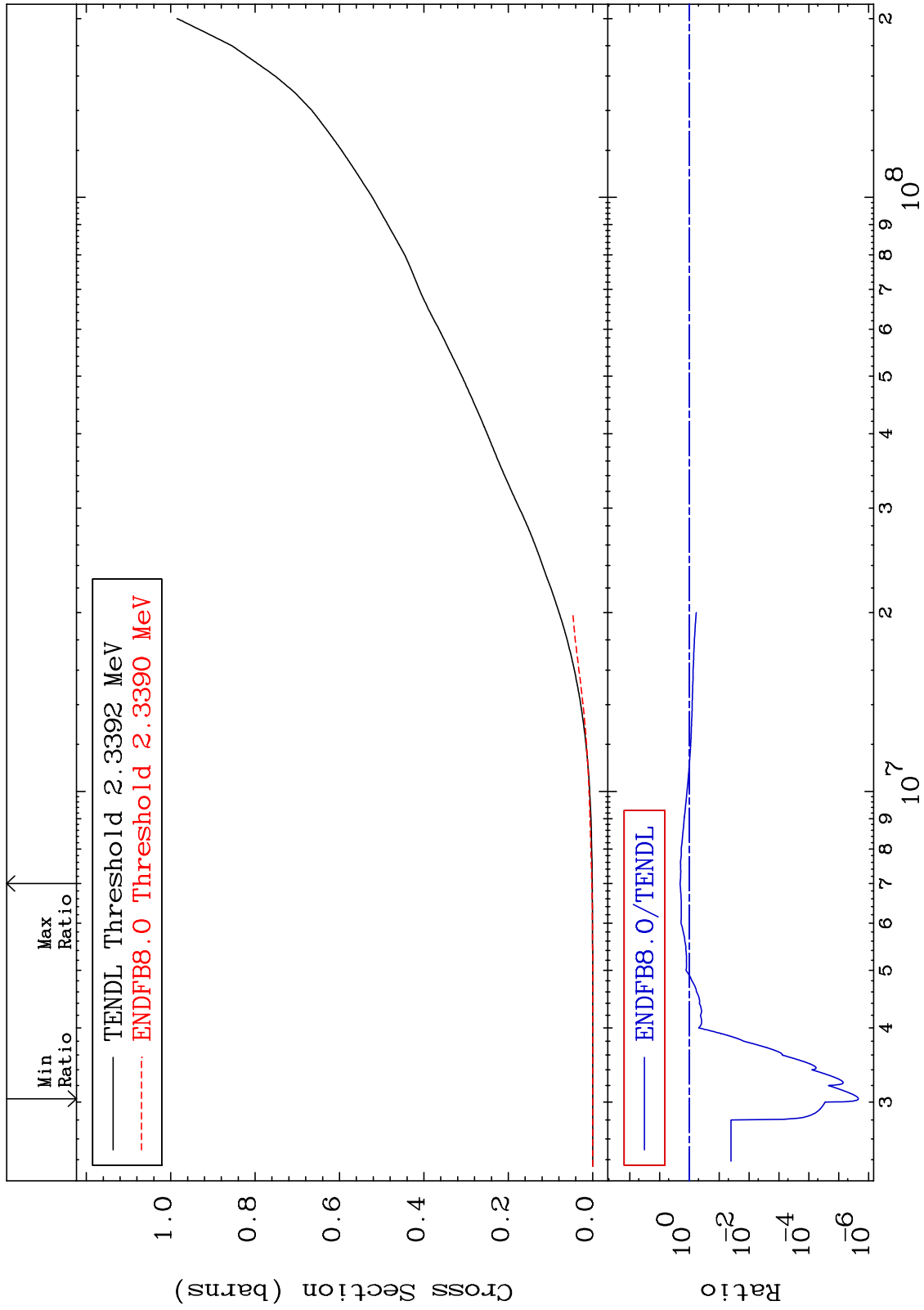
Incident Energy (eV)

36-Kr-82

MAT 3637

Hydrogen Production
Cross Section

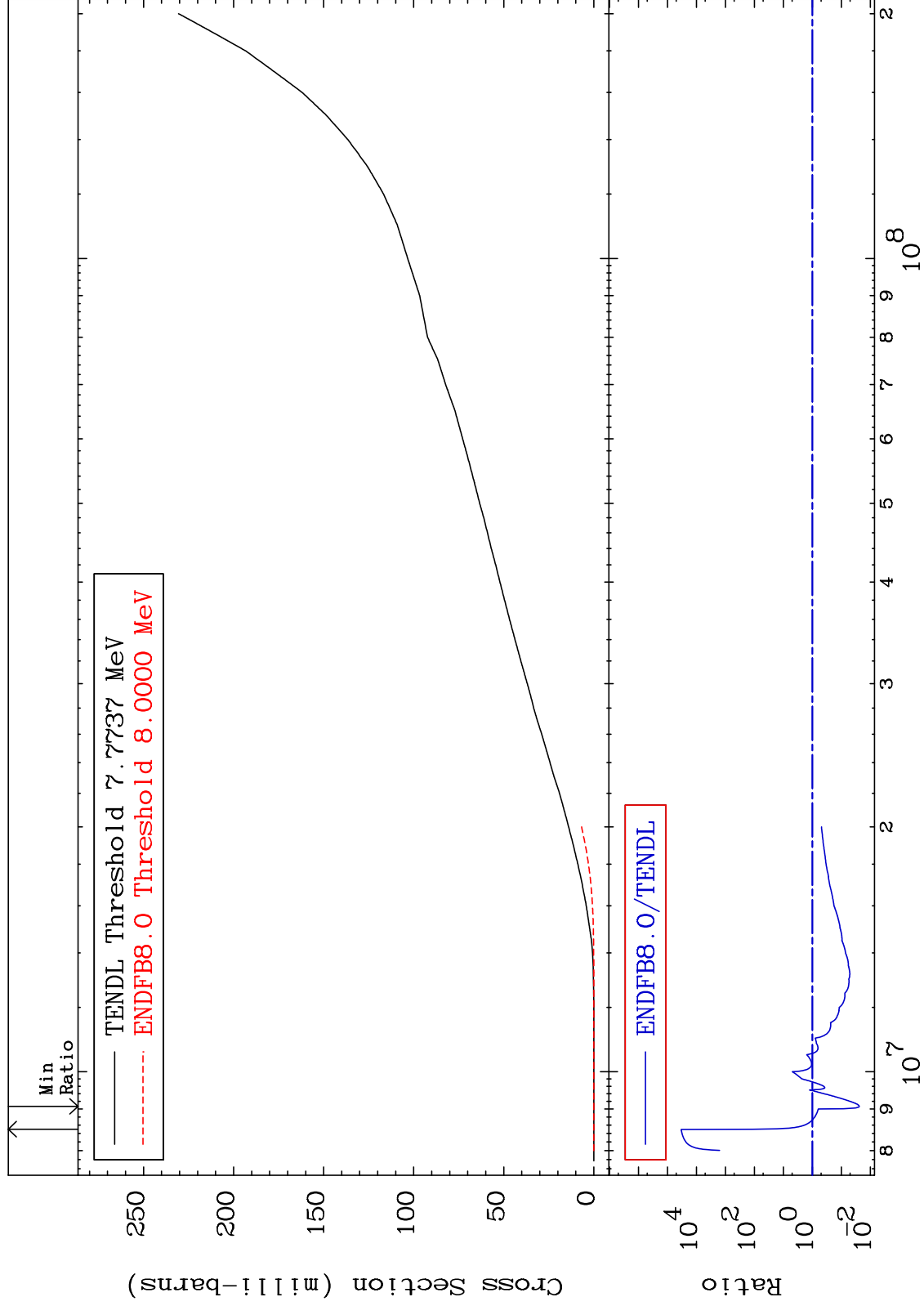
³⁶Kr-82
-100.0 To 106.7 %



MAT 3637

Deuterium Production
Cross Section

36-Kr-82
-97.59 To 9999. %



29

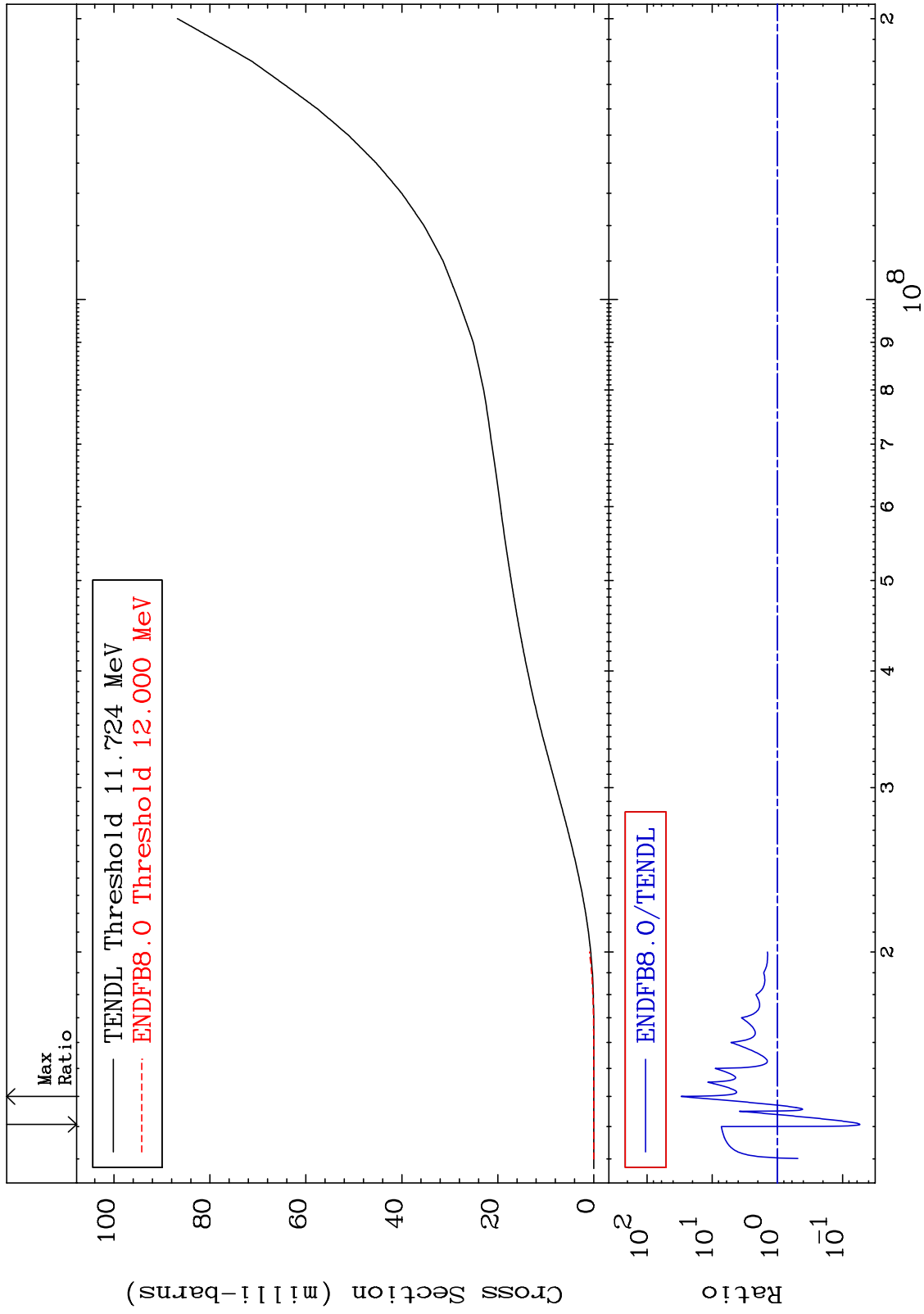
Incident Energy (eV)

36-Kr-82

MAT 3637

Tritium Production
Cross Section

36-Kr-82
-94.58 To 2892. %



30

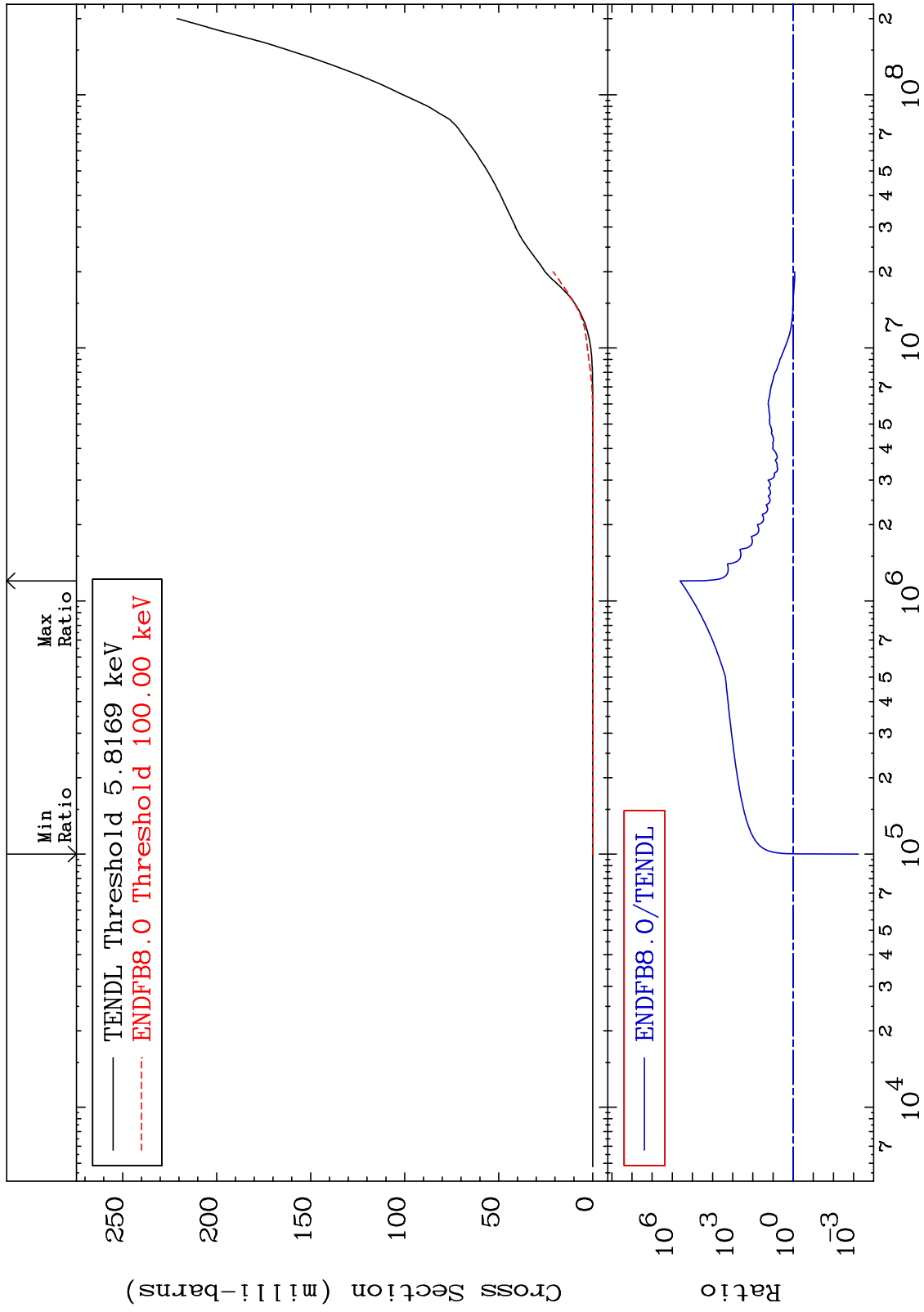
Incident Energy (eV)

36-Kr-82

MAT 3637

He-4 Production
Cross Section

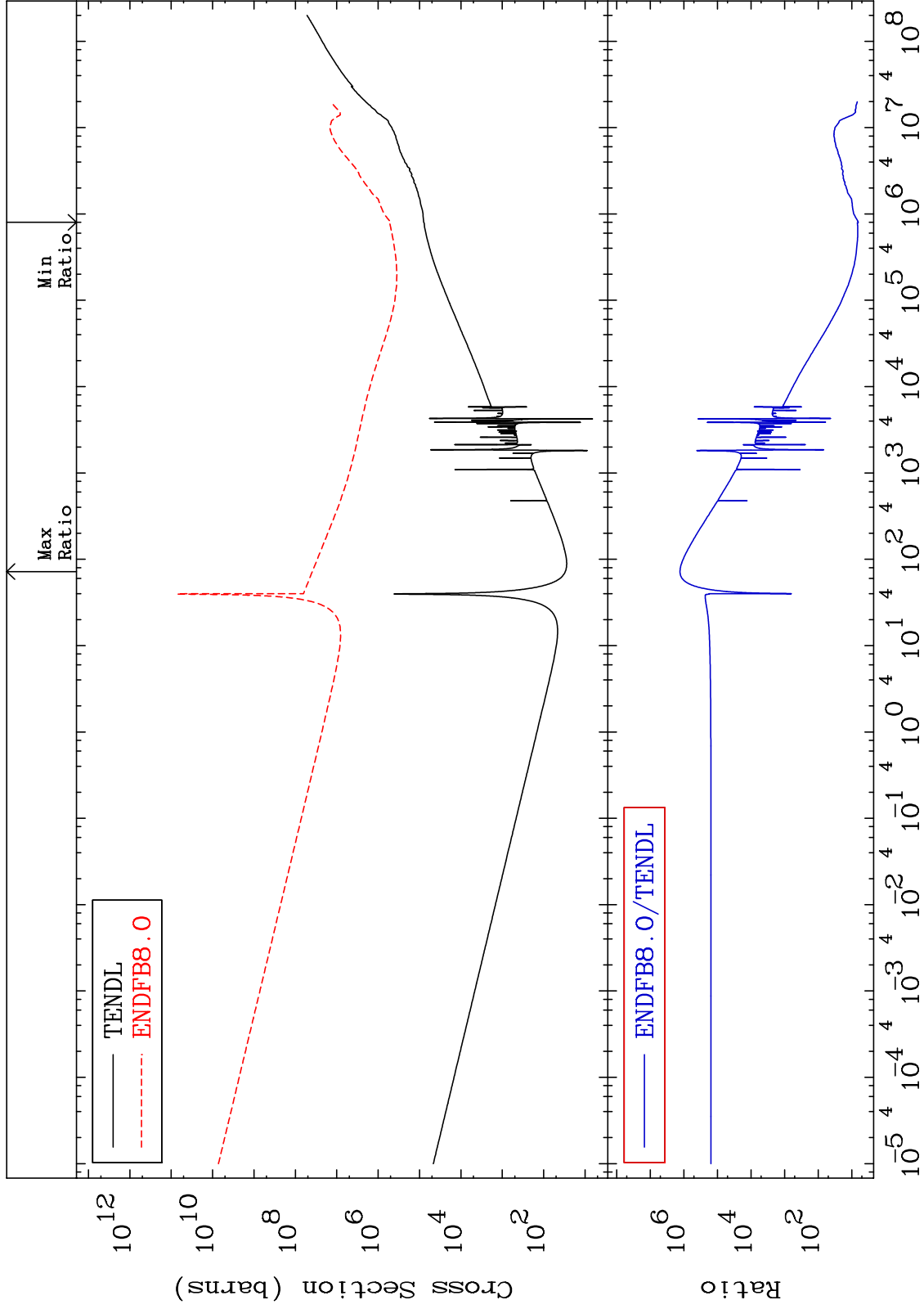
36-Kr-82
-99.94 To 9999. %



MAT 3637

Kerma total (eV-barns)
Cross Section

36-Kr-82
531.9 To 9999. %



32

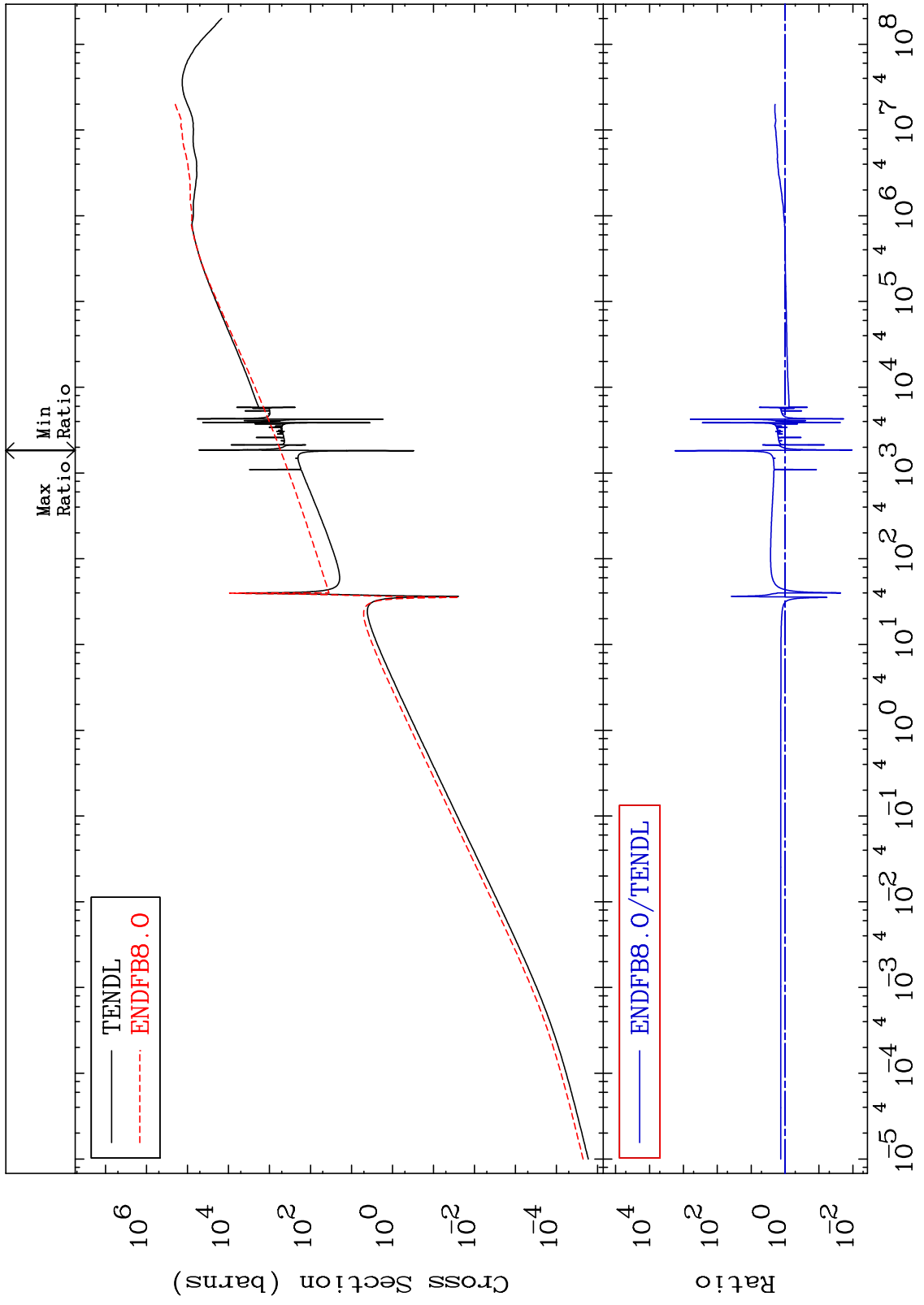
Incident Energy (eV)

36-Kr-82

MAT 3637

Kerma elastic
Cross Section

36-Kr-82
-98.96 To 9999. %

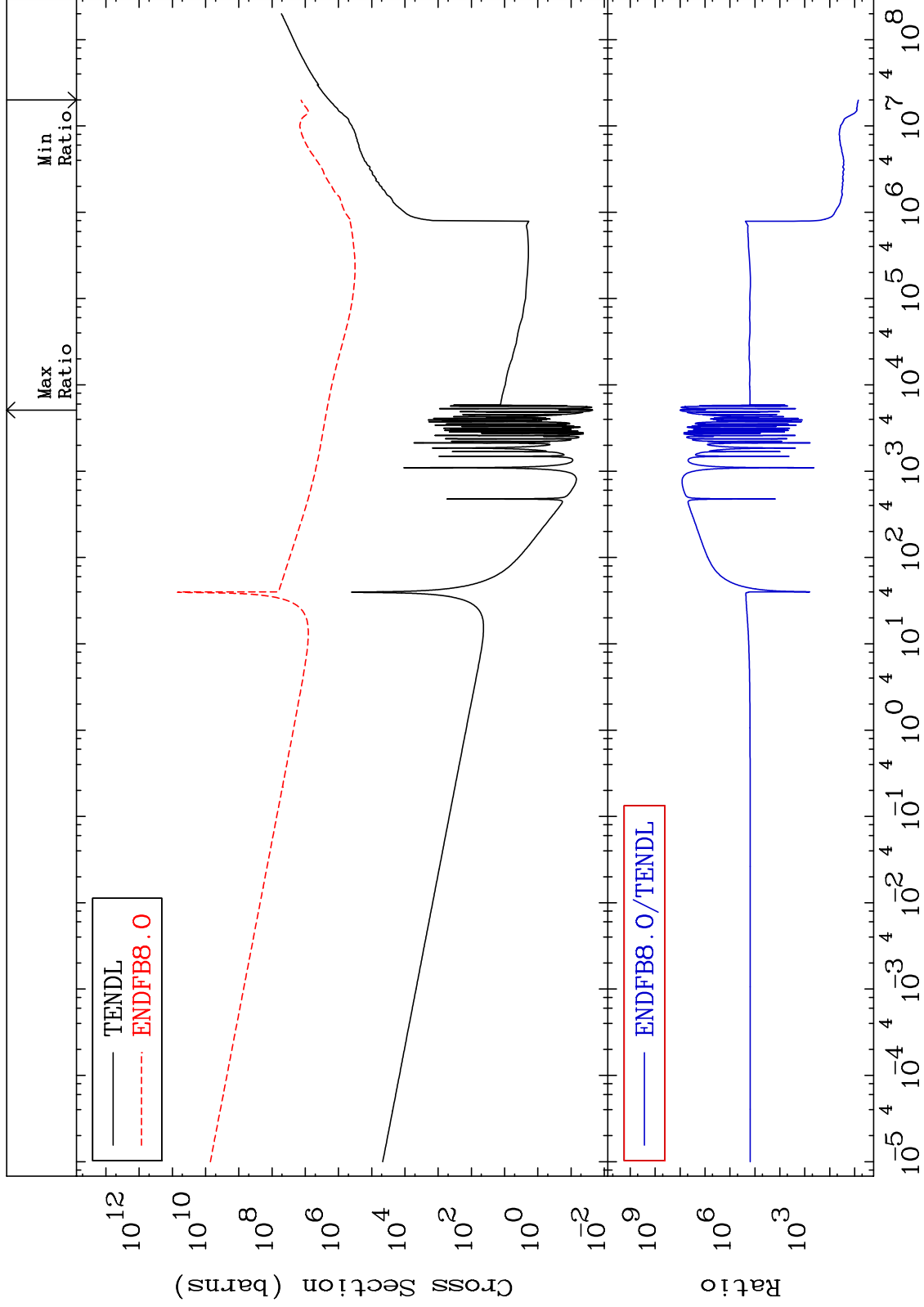


MAT 3637

Kerma non-elastic (all but mt2)
Cross Section

607.1 To 9999. %

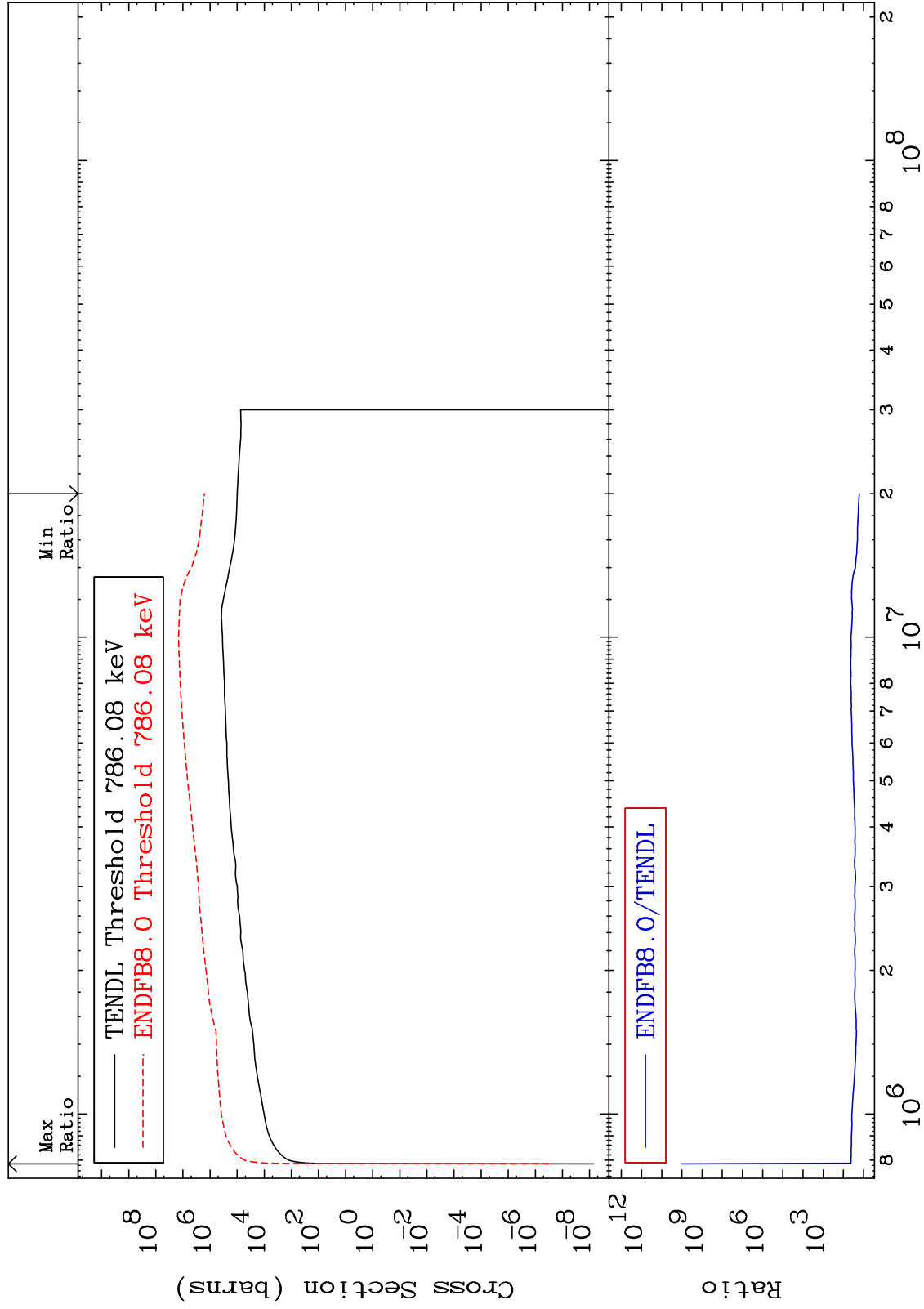
36-Kr-82



MAT 3637

Kerma inelastic (mt51-91)
Cross Section

36-Kr-82
1526. To 9999. %



35

Incident Energy (eV)

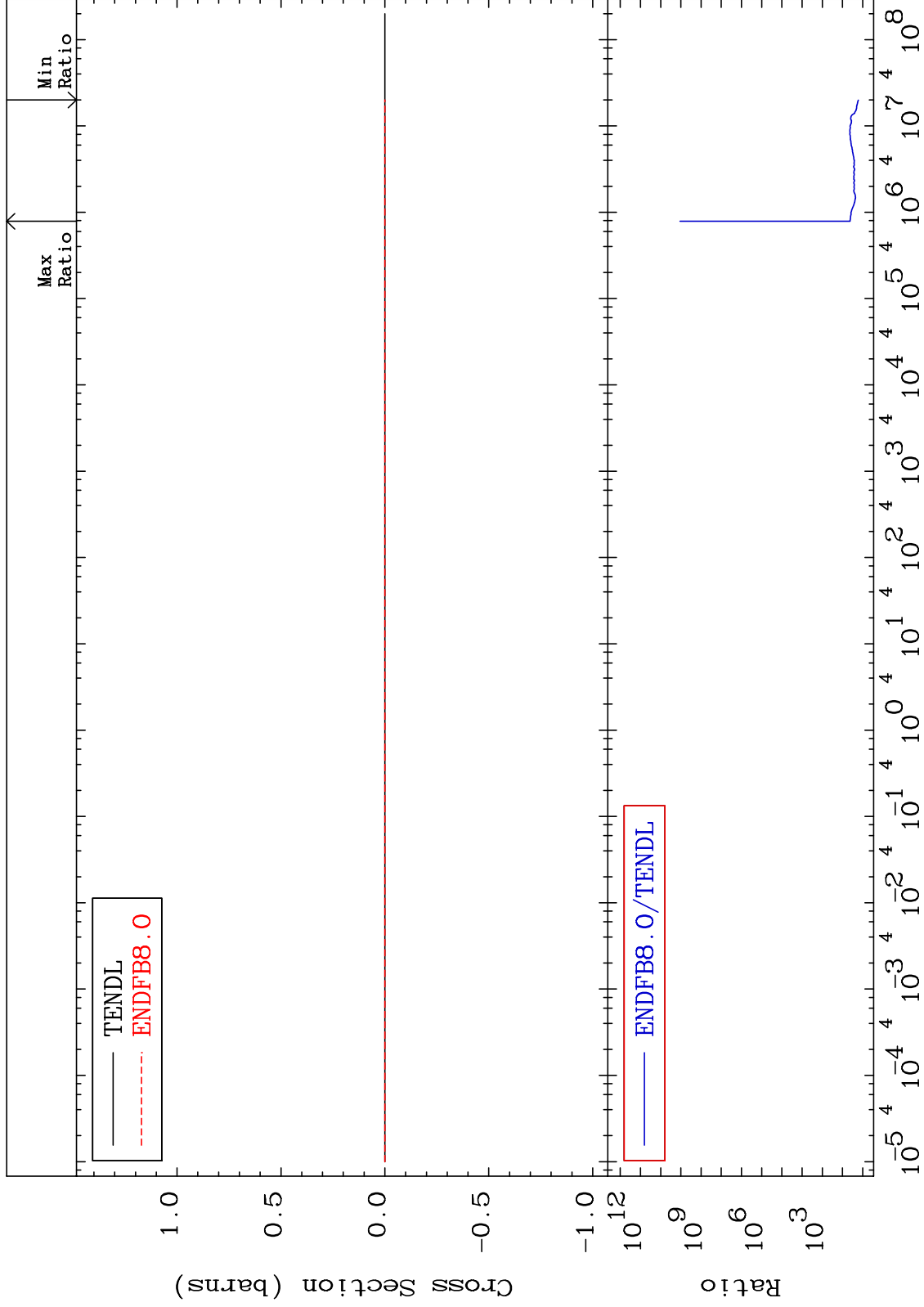
36-Kr-82

MAT 3637

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

1526. To 9999. %

36-Kr-82



36

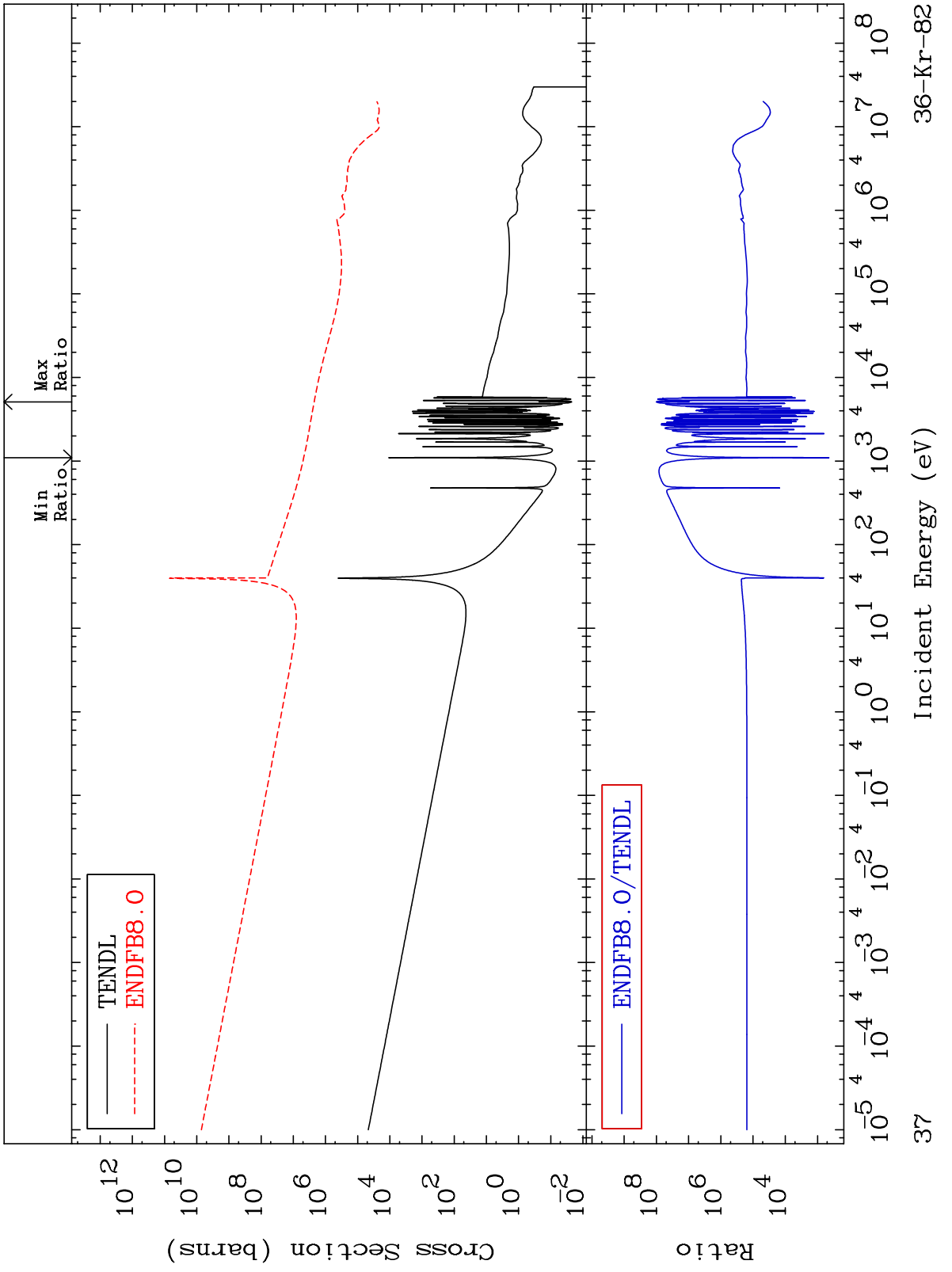
Incident Energy (eV)

36-Kr-82

MAT 3637

Kerma capture (mt102)
Cross Section

36-Kr-82
9999. To 9999. %



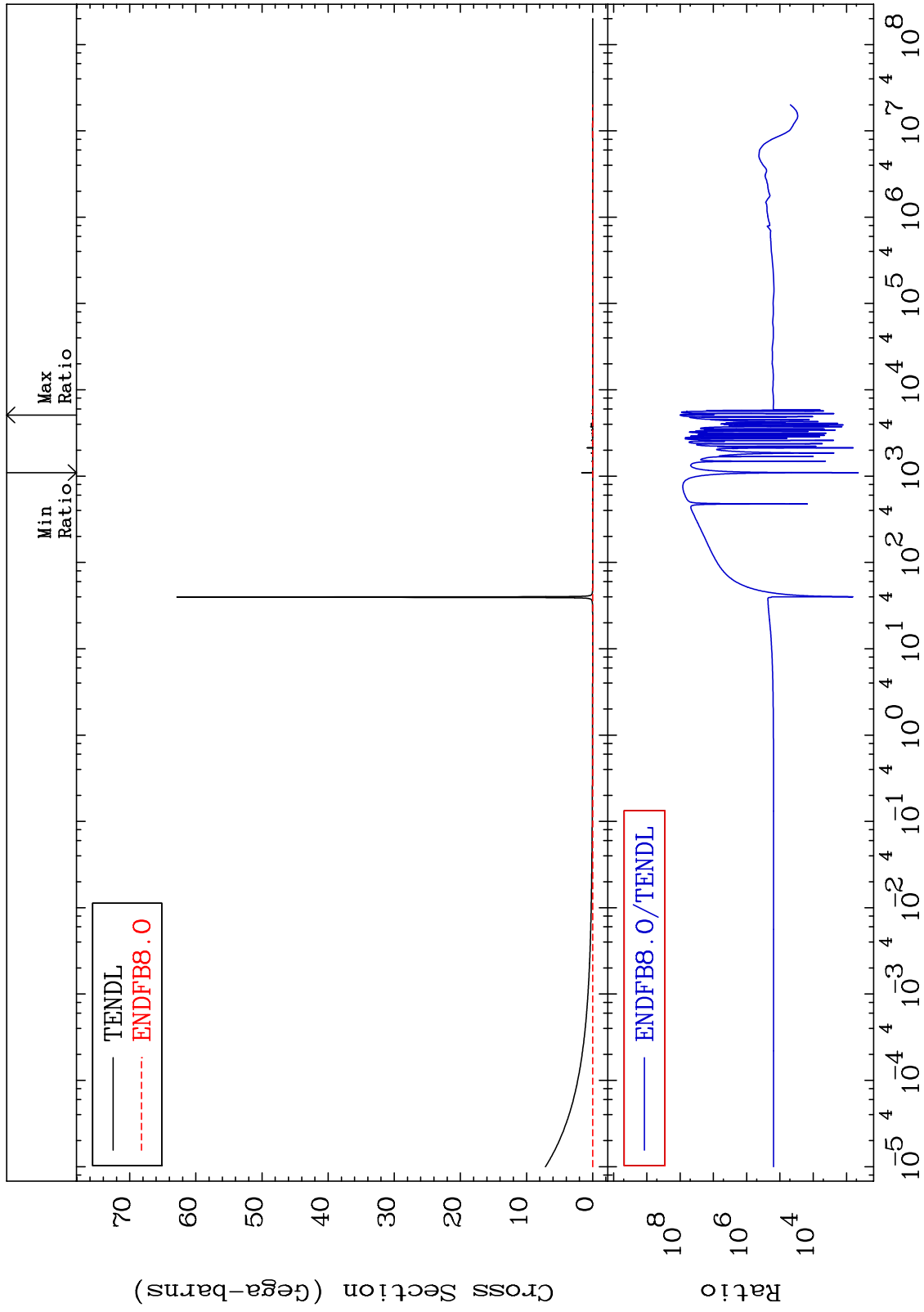
37

36-Kr-82

MAT 3637

Total photon (eV-barns)
Cross Section

36-Kr-82
9999. To 9999. %



38

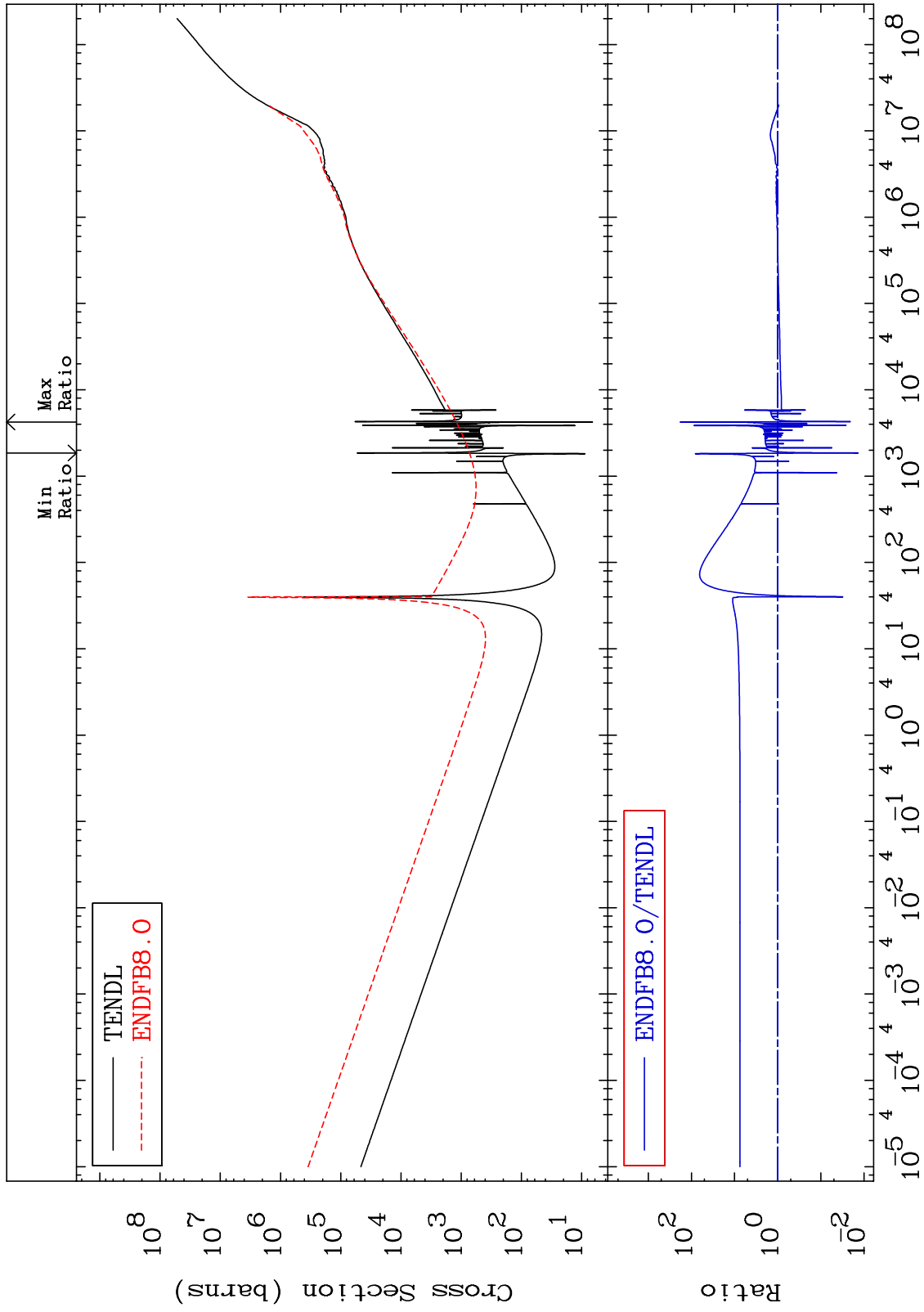
Incident Energy (eV)

36-Kr-82

MAT 3637

Total kinematic kerma (high limit)
Cross Section

36-Kr-82
-98.65 To 9999. %



39

Incident Energy (eV)

36-Kr-82

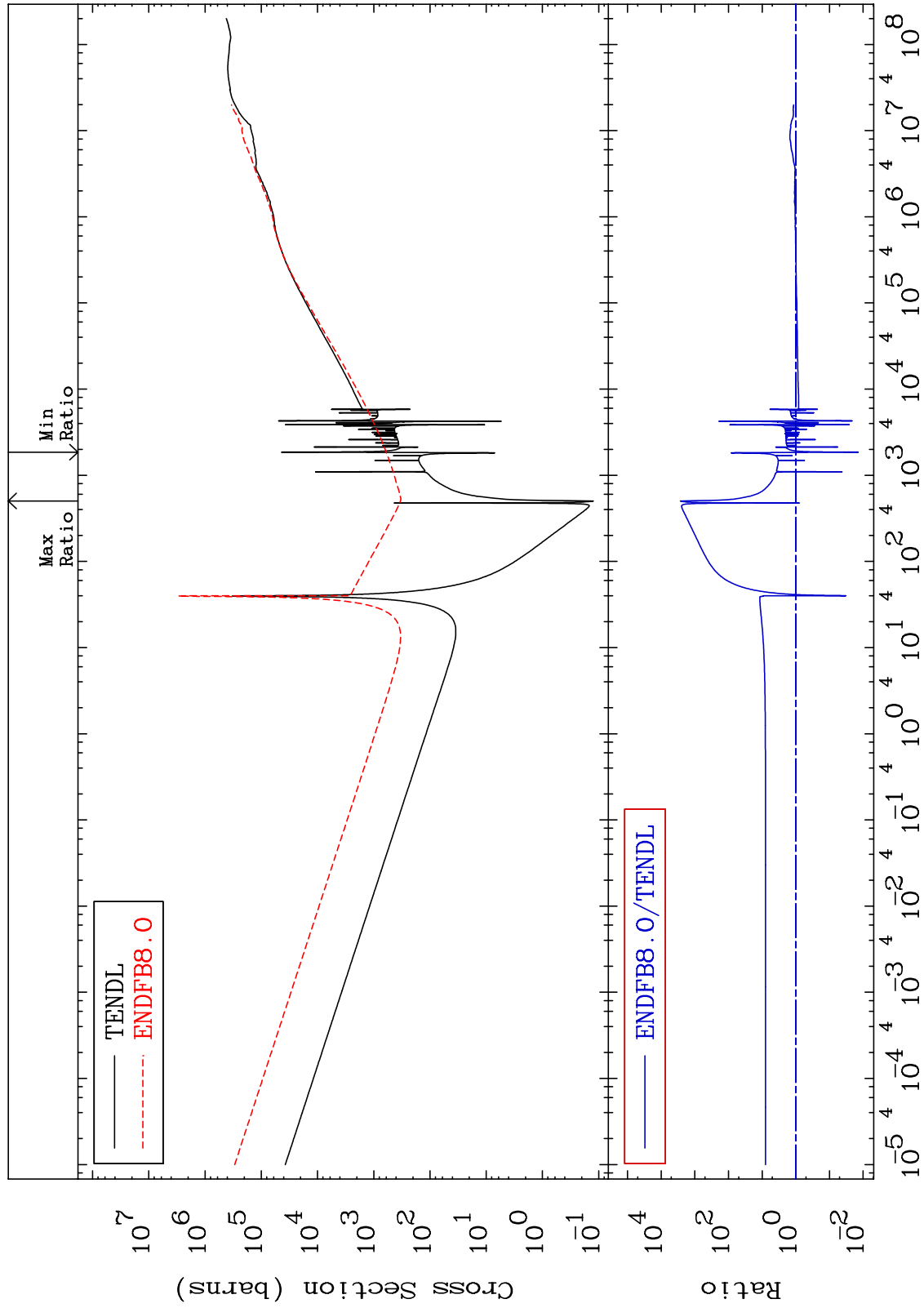
MAT 3637

Dpa total (eV-barns)

36-Kr-82

-98.63 To 9999. %

Cross Section



40

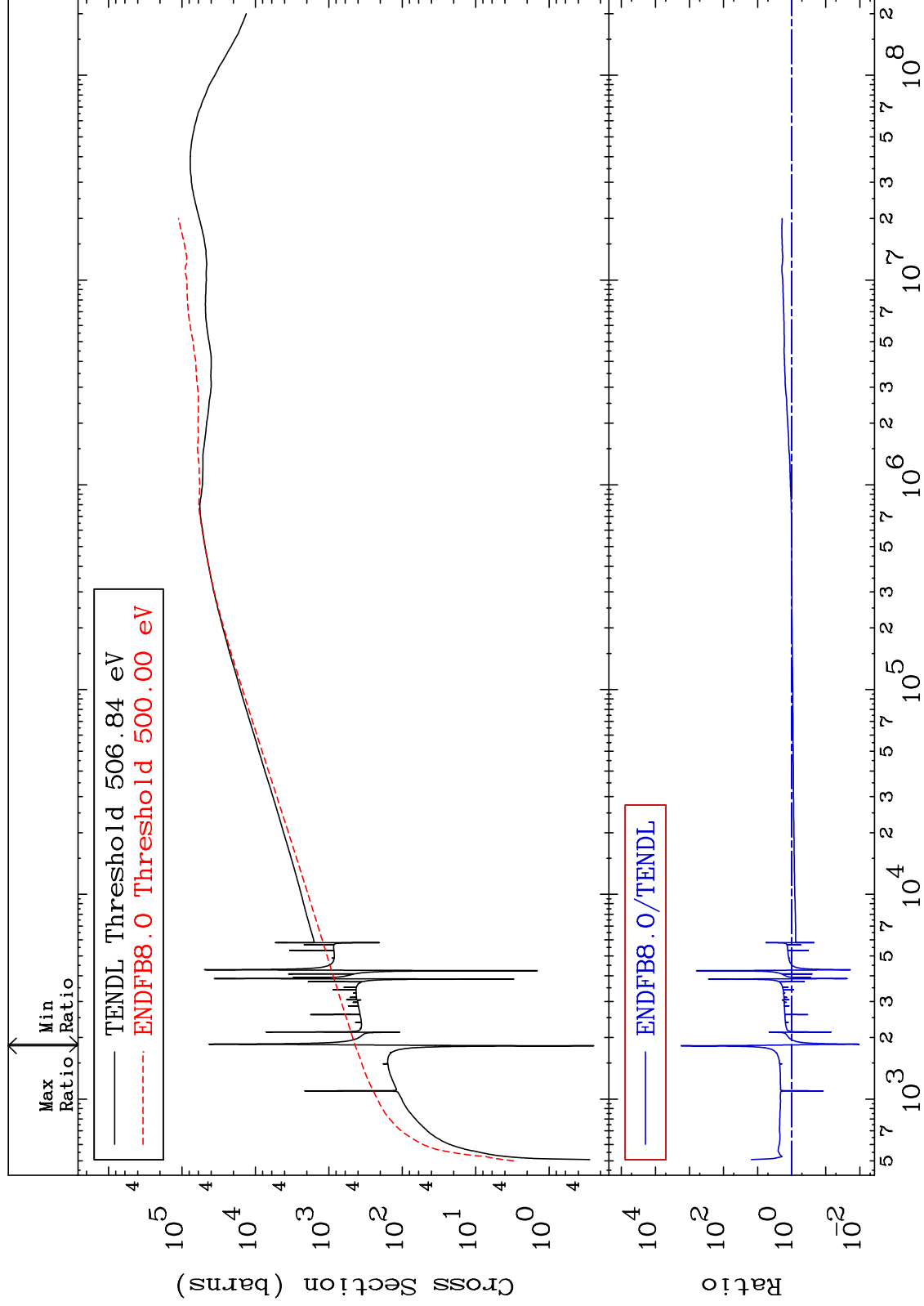
Incident Energy (eV)

36-Kr-82

MAT 3637

Dpa elastic (mt2)
Cross Section

36-Kr-82
-98.96 To 9999. %



41

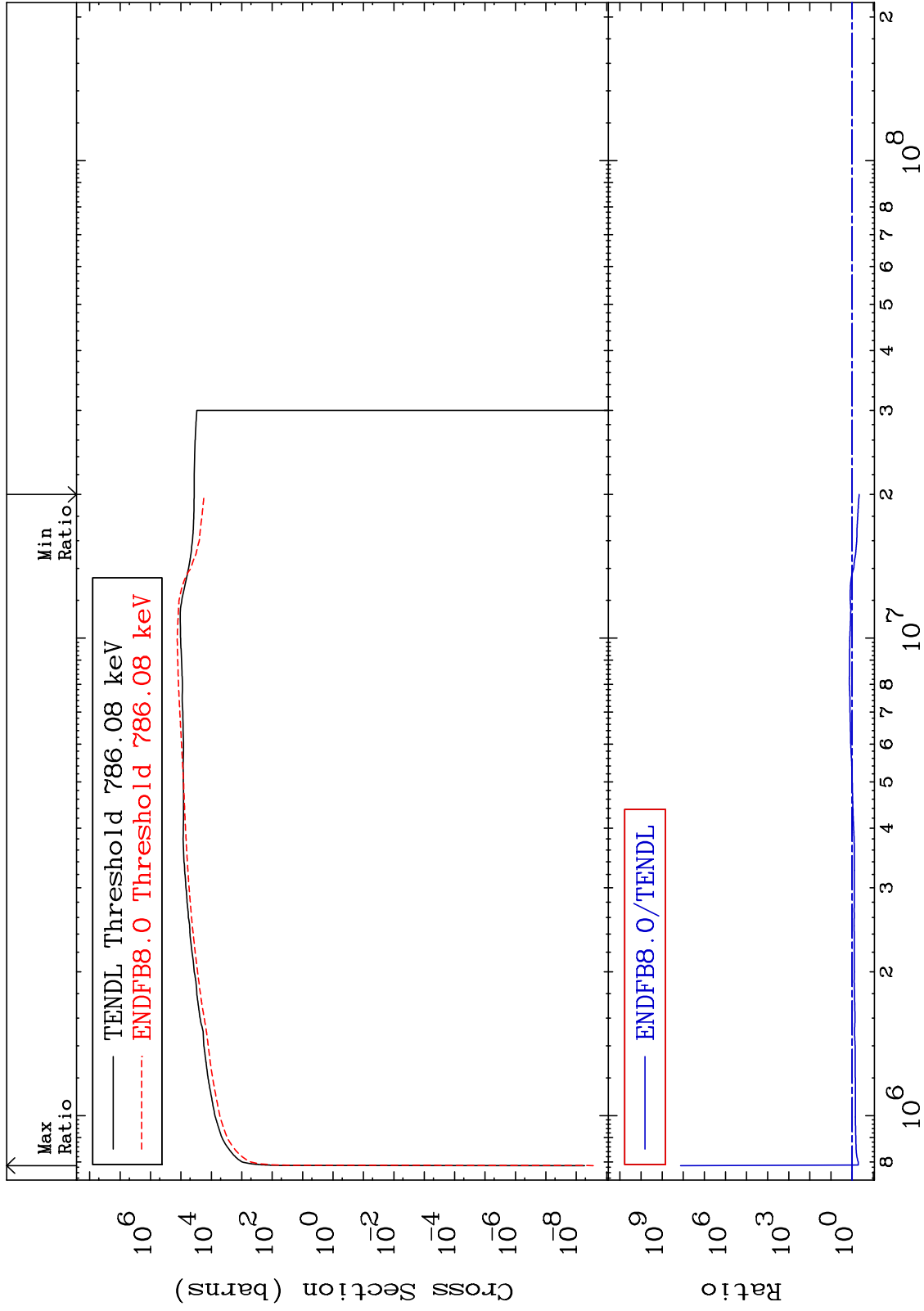
Incident Energy (eV)

36-Kr-82

MAT 3637

Dpa inelastic (mt51-91)
Cross Section

36-Kr-82
-53.69 To 9999. %



42

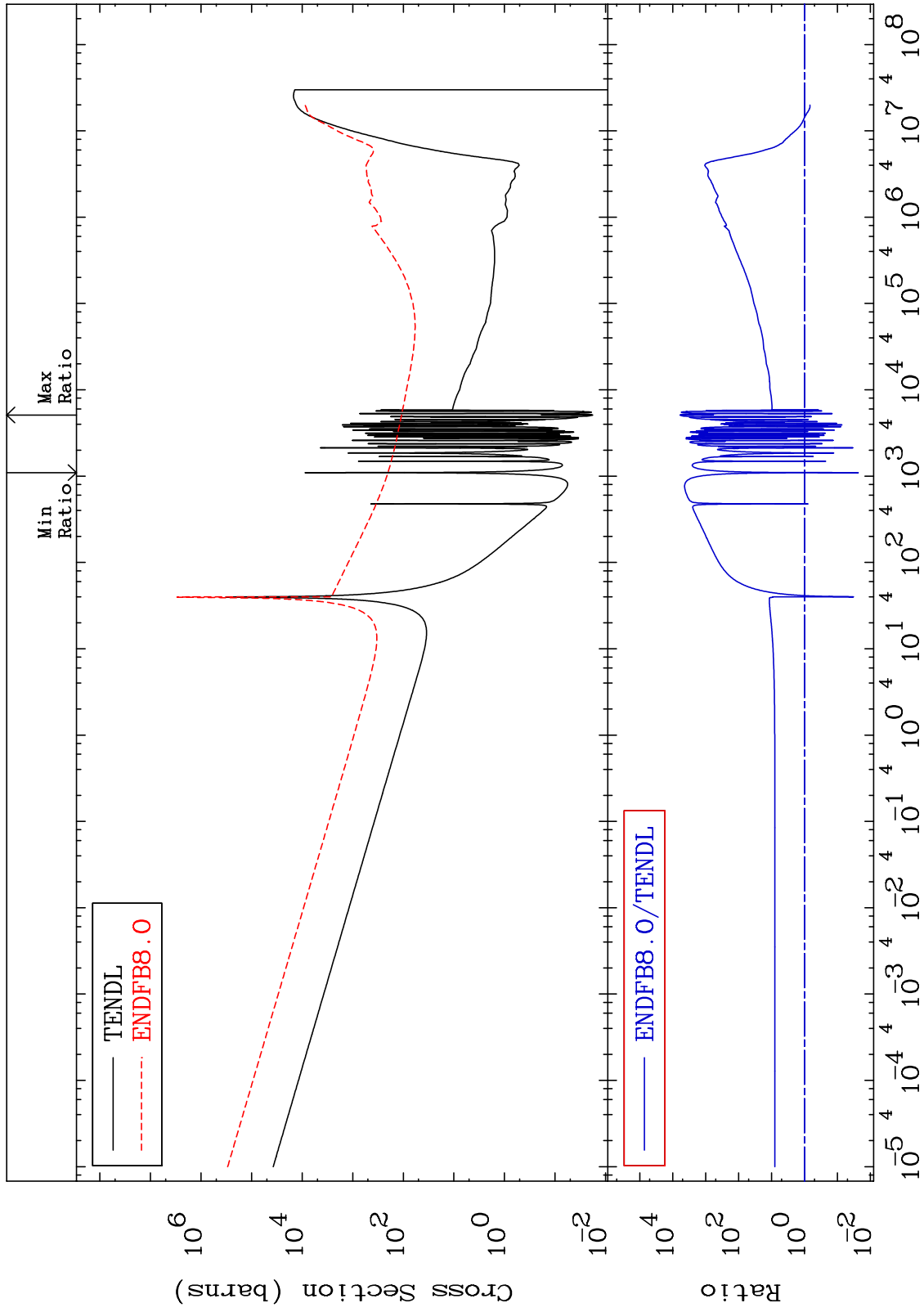
Incident Energy (eV)

36-Kr-82

MAT 3637

Dpa disappearance (mt102 -120)
Cross Section

36-Kr-82
-97.68 To 9999. %



43

Incident Energy (eV)

36-Kr-82