

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

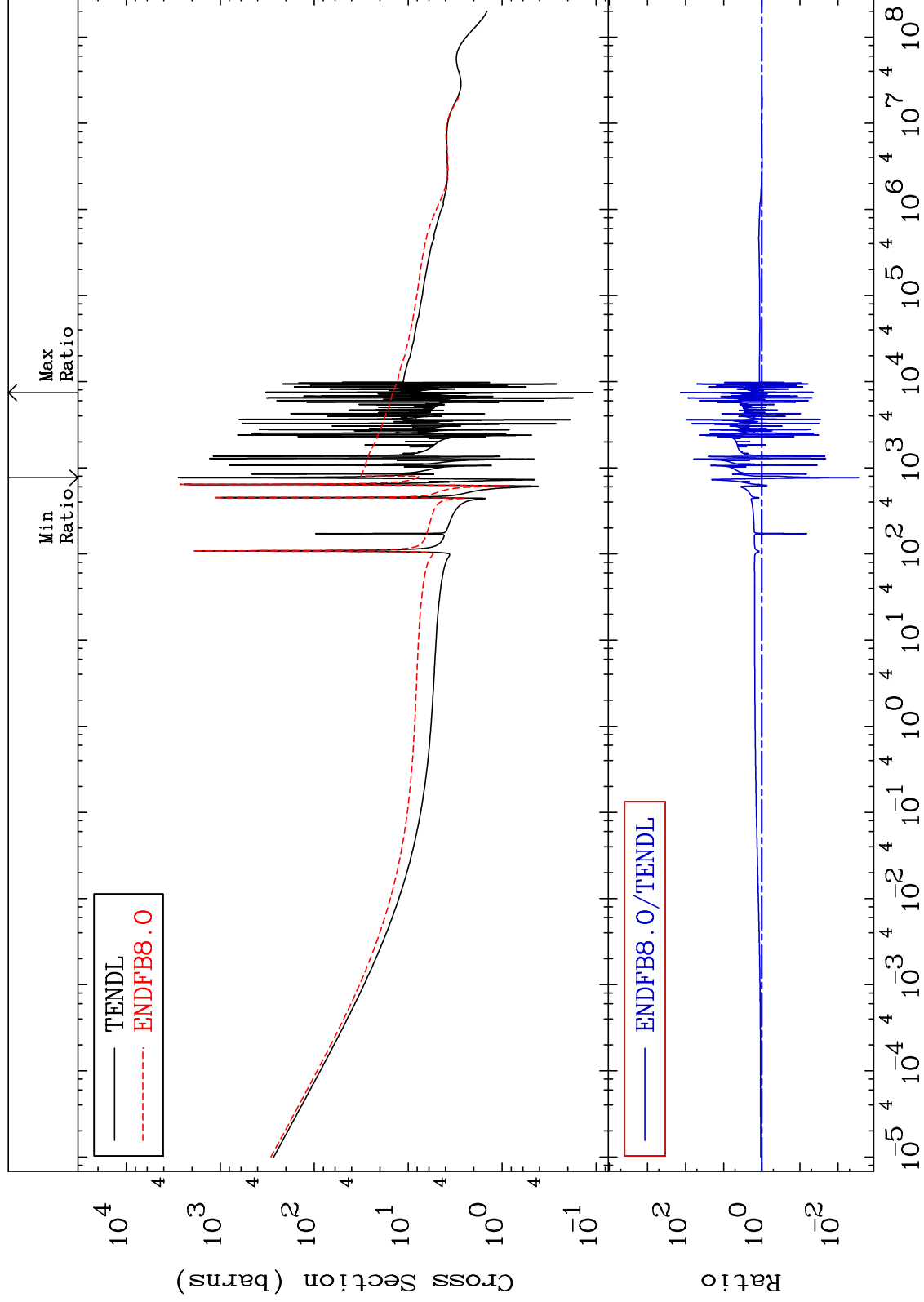
MAT 3625

Total

36-Kr-78

Cross Section

-99.71 To 9999. %



1

Incident Energy (eV)

36-Kr-78

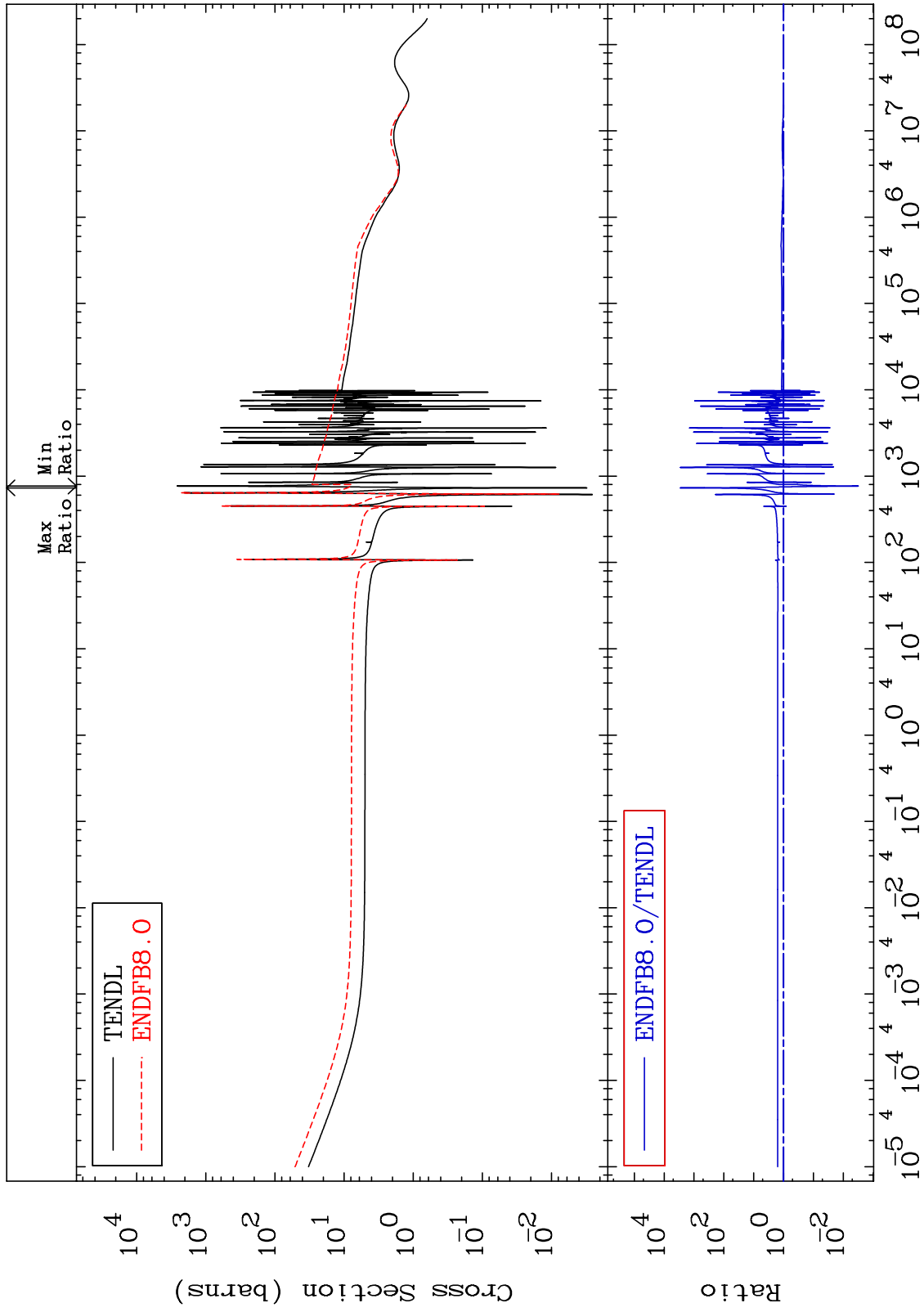
MAT 3625

Elastic

36-Kr-78

Cross Section

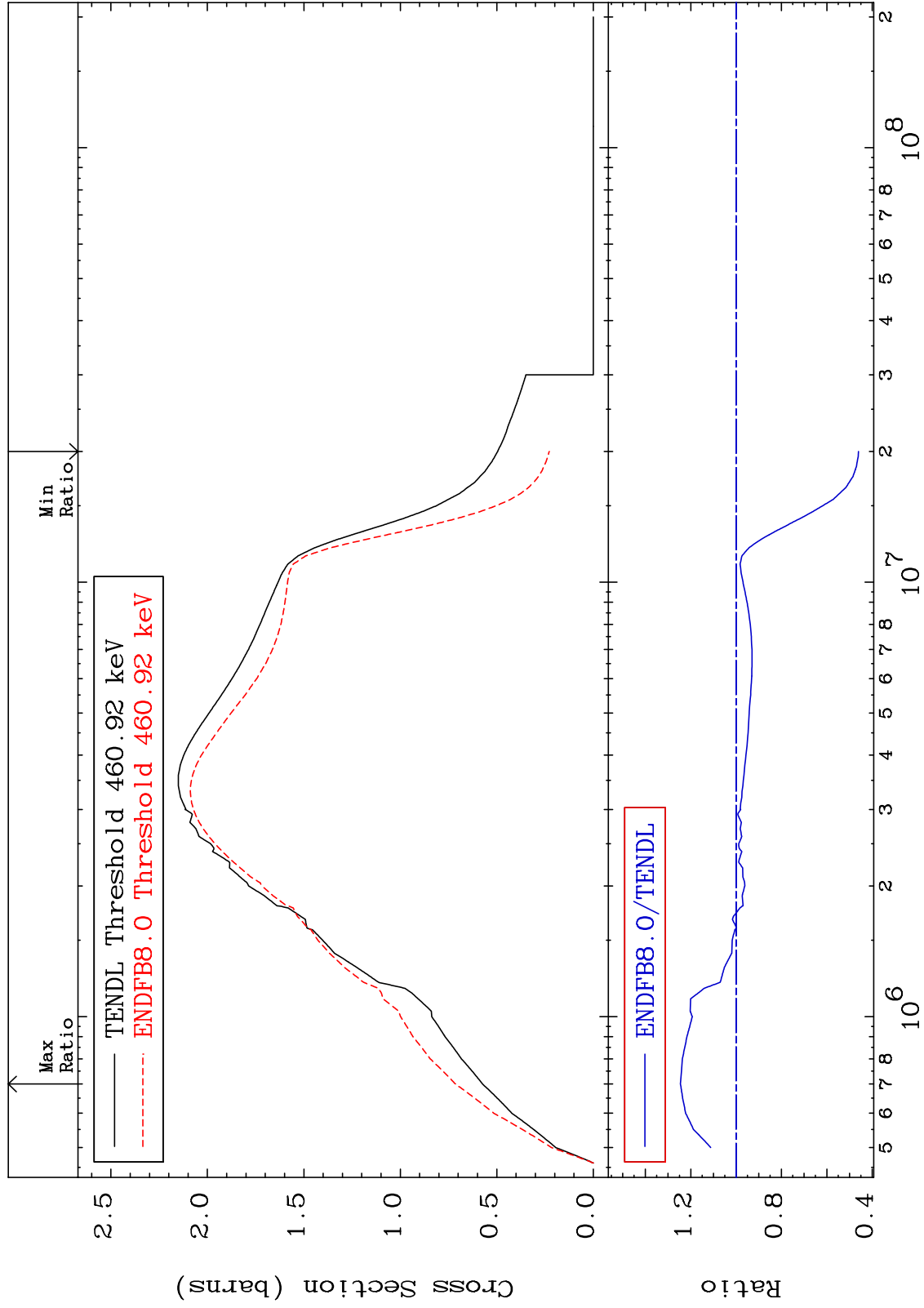
-99.69 To 9999. %



MAT 3625

Inelastic
Cross Section

36-Kr-78
-53.99 To 24.54 %

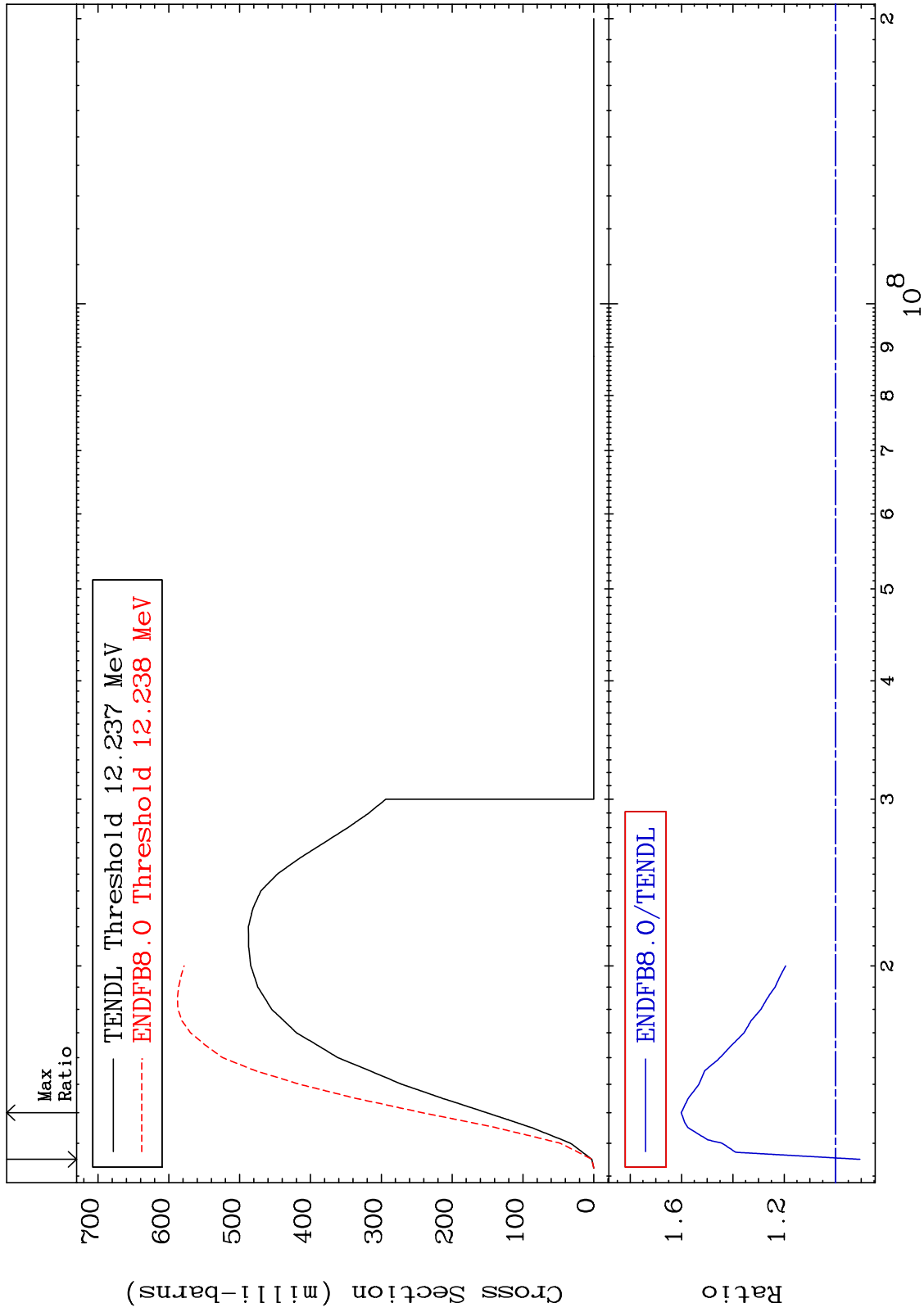


3

Incident Energy (eV)

36-Kr-78

MAT 3625 $(n, 2n)$ $^{36}\text{Kr-78}$
 Cross Section -9.486 To 60.11 %



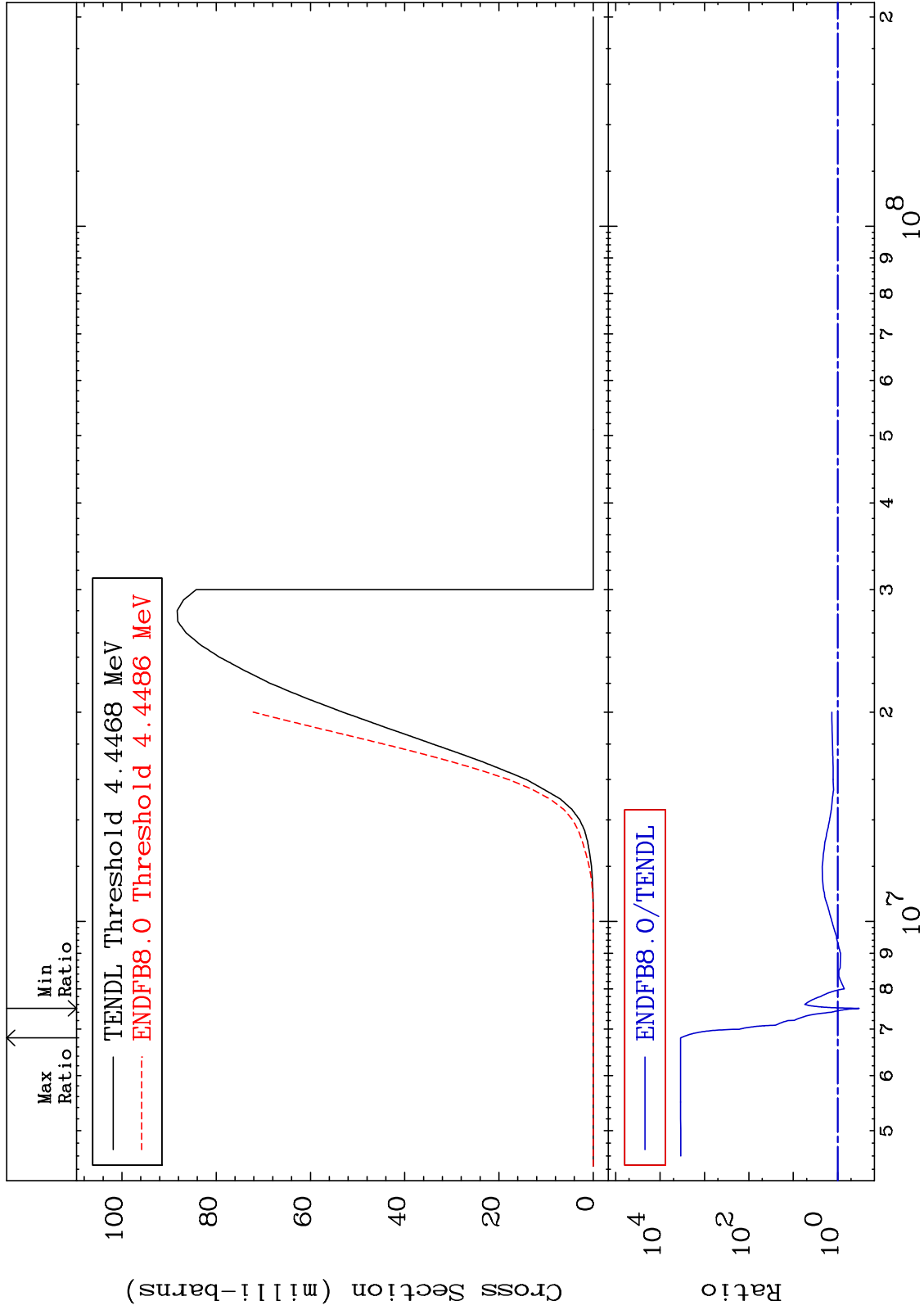
MAT 3625

(n,n') α

36-Kr-78

Cross Section

-67.24 To 9999. %



5

Incident Energy (eV)

36-Kr-78

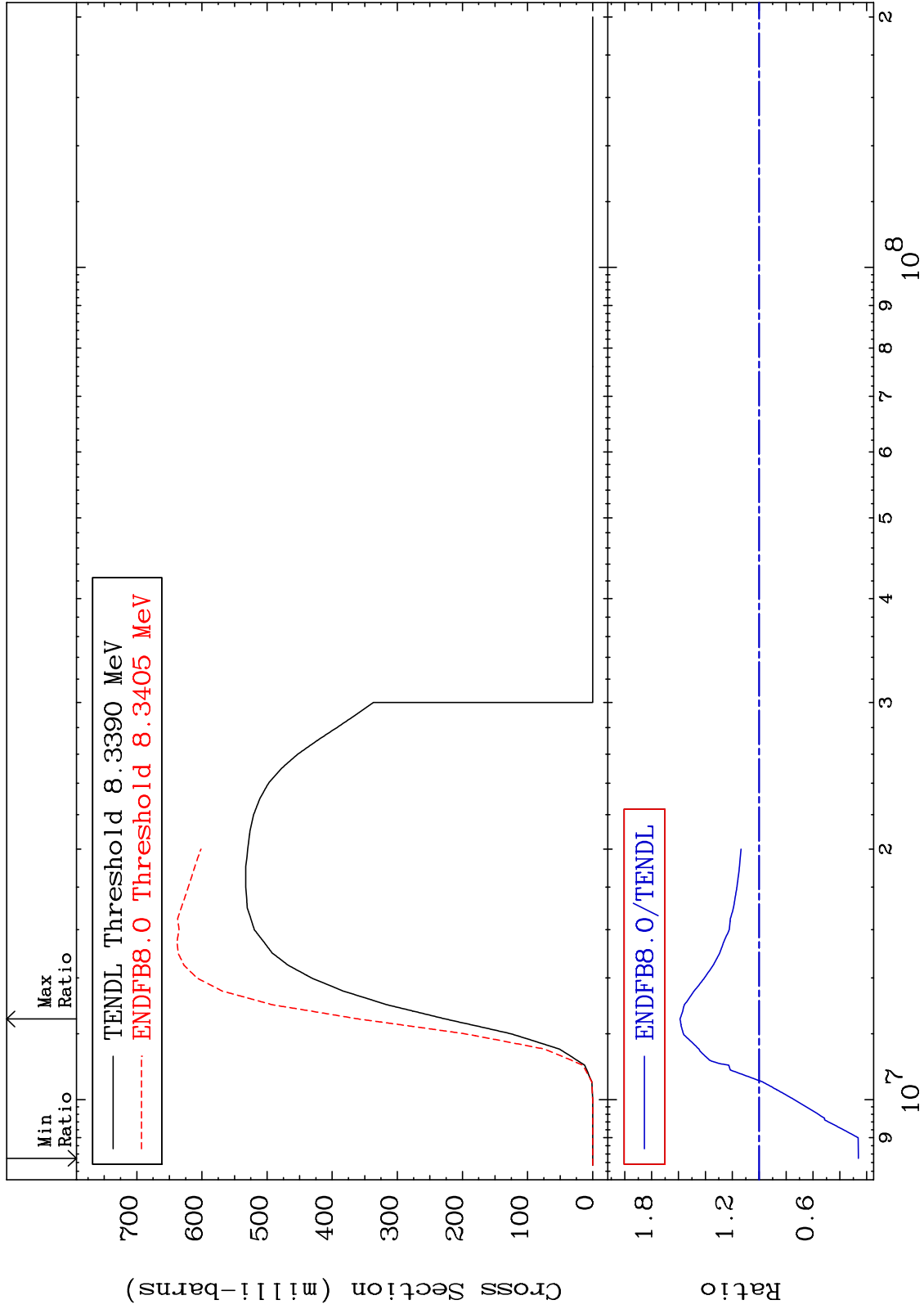
MAT 3625

(n,n') p

36-Kr-78

Cross Section

-73.80 To 58.89 %



6

Incident Energy (eV)

36-Kr-78

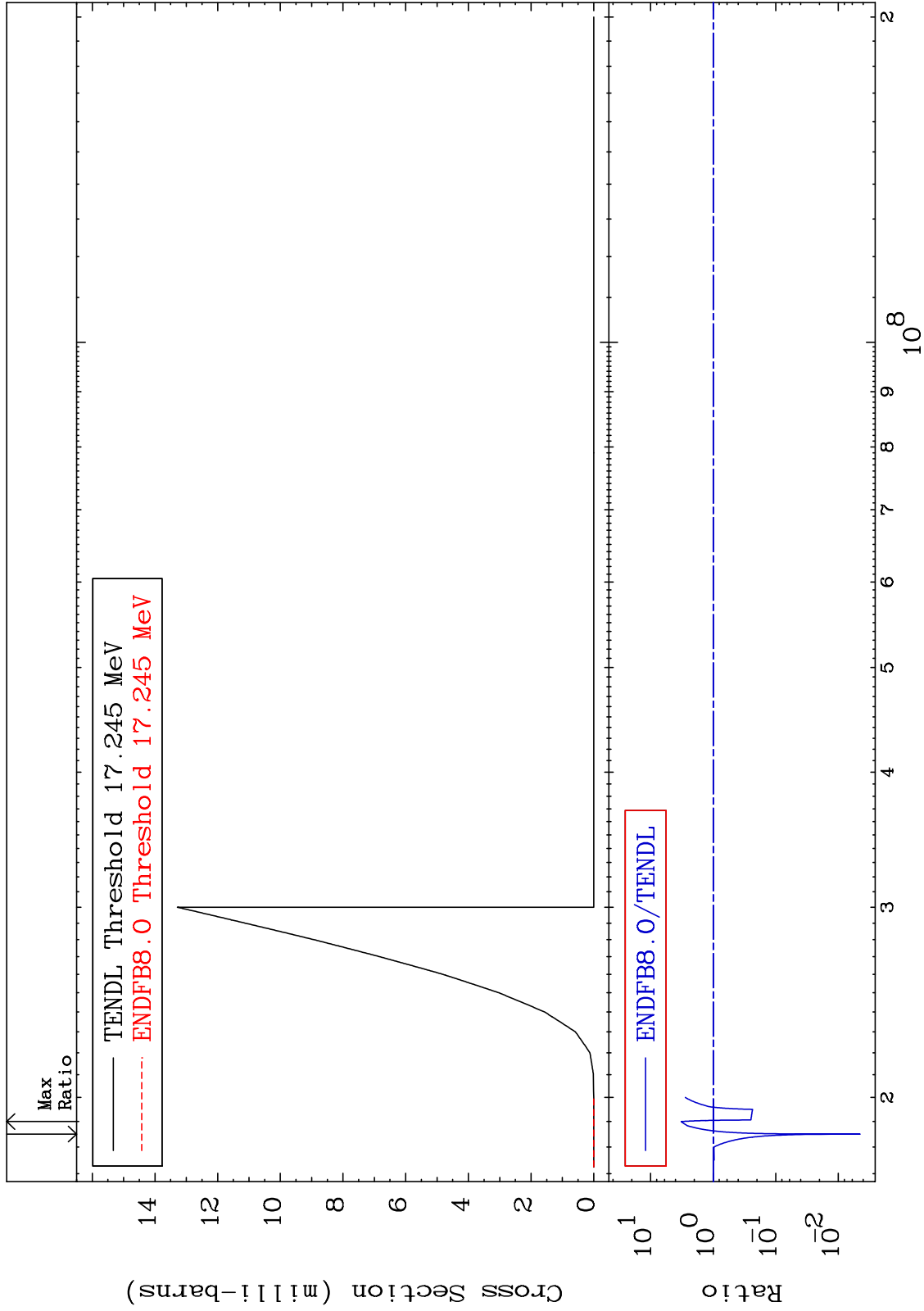
MAT 3625

(n, n') d

36-Kr-78

Cross Section

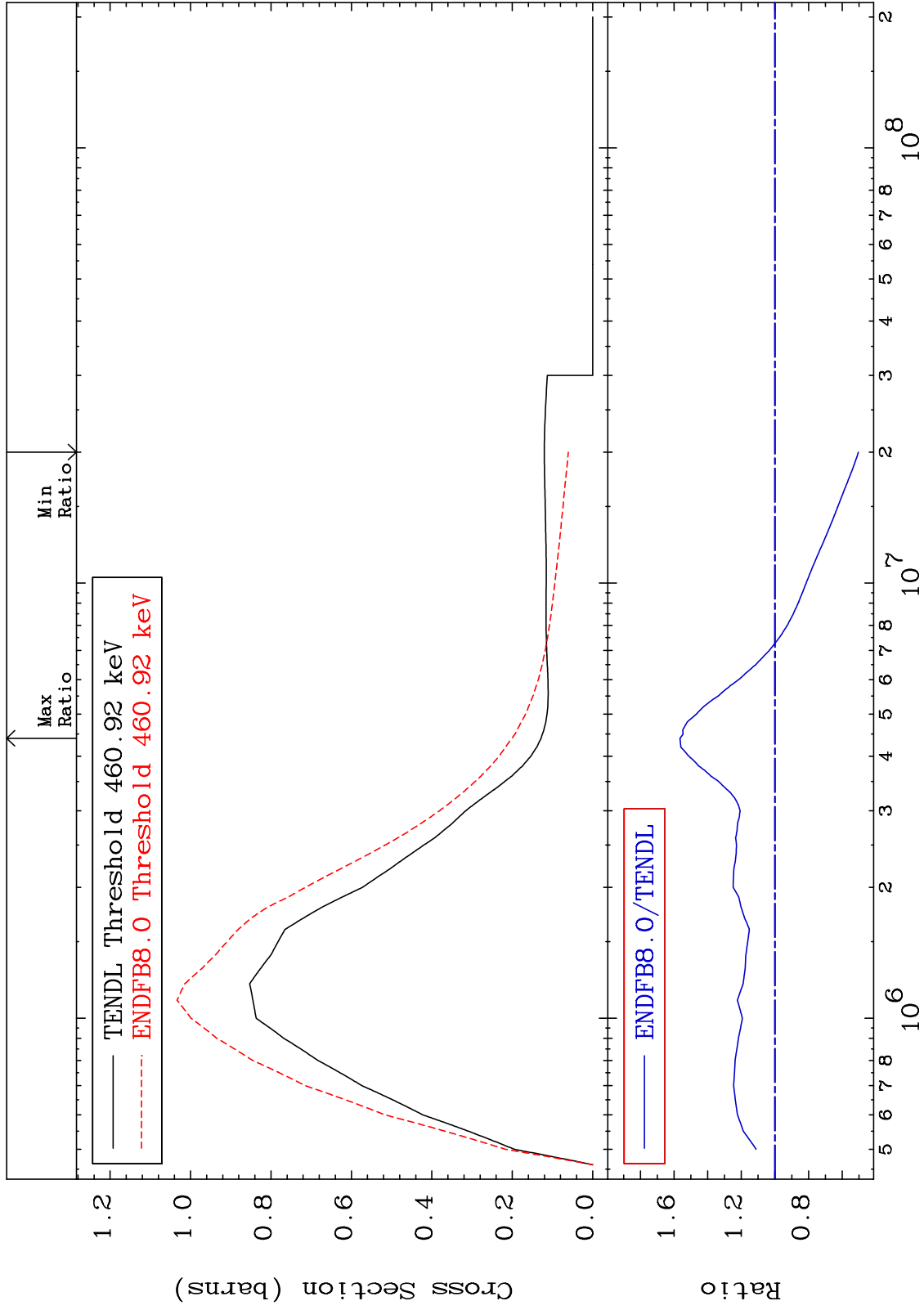
-99.55 To 224.3 %



MAT 3625

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

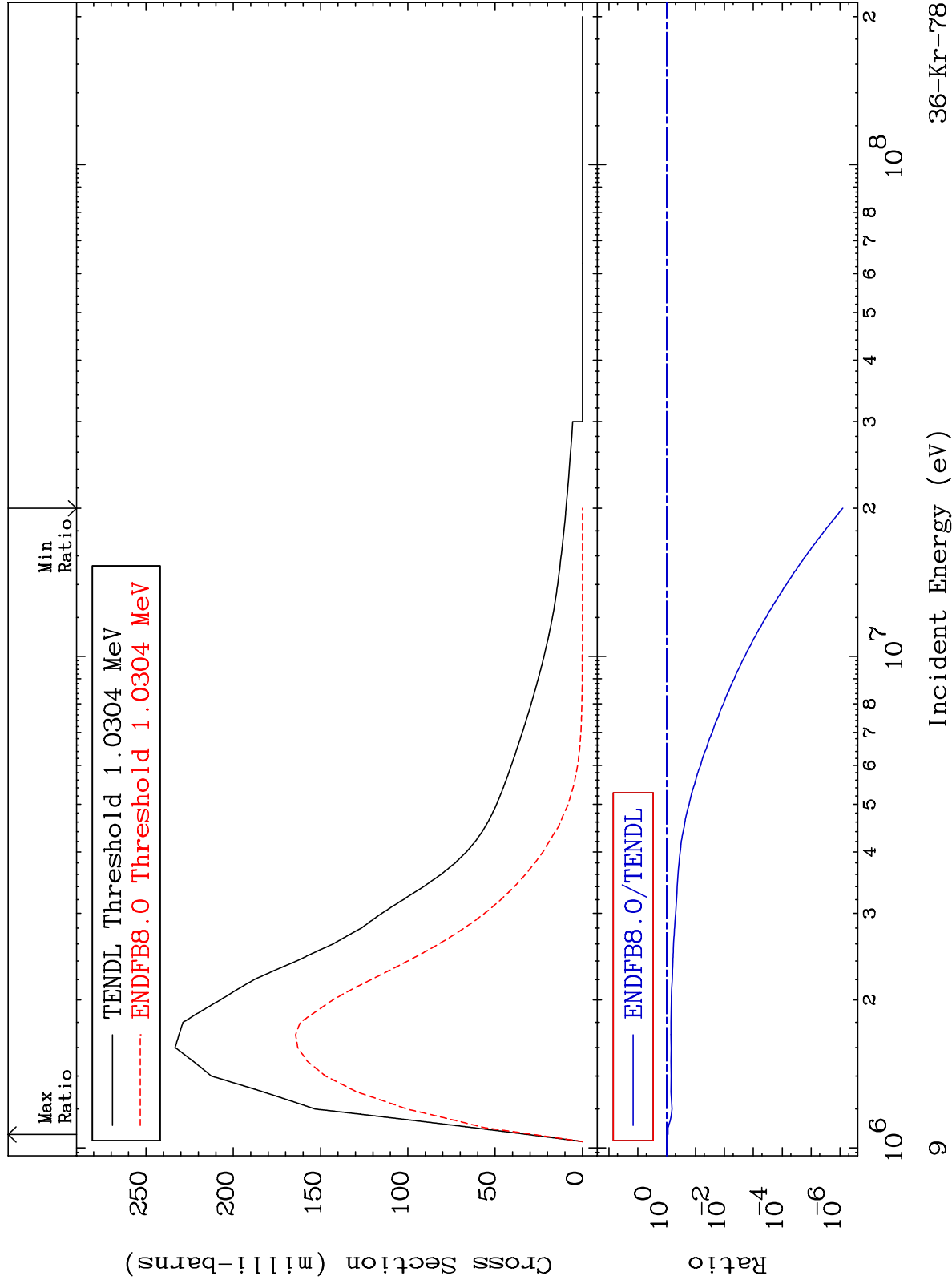
36-Kr-78
-49.64 To 56.44 %



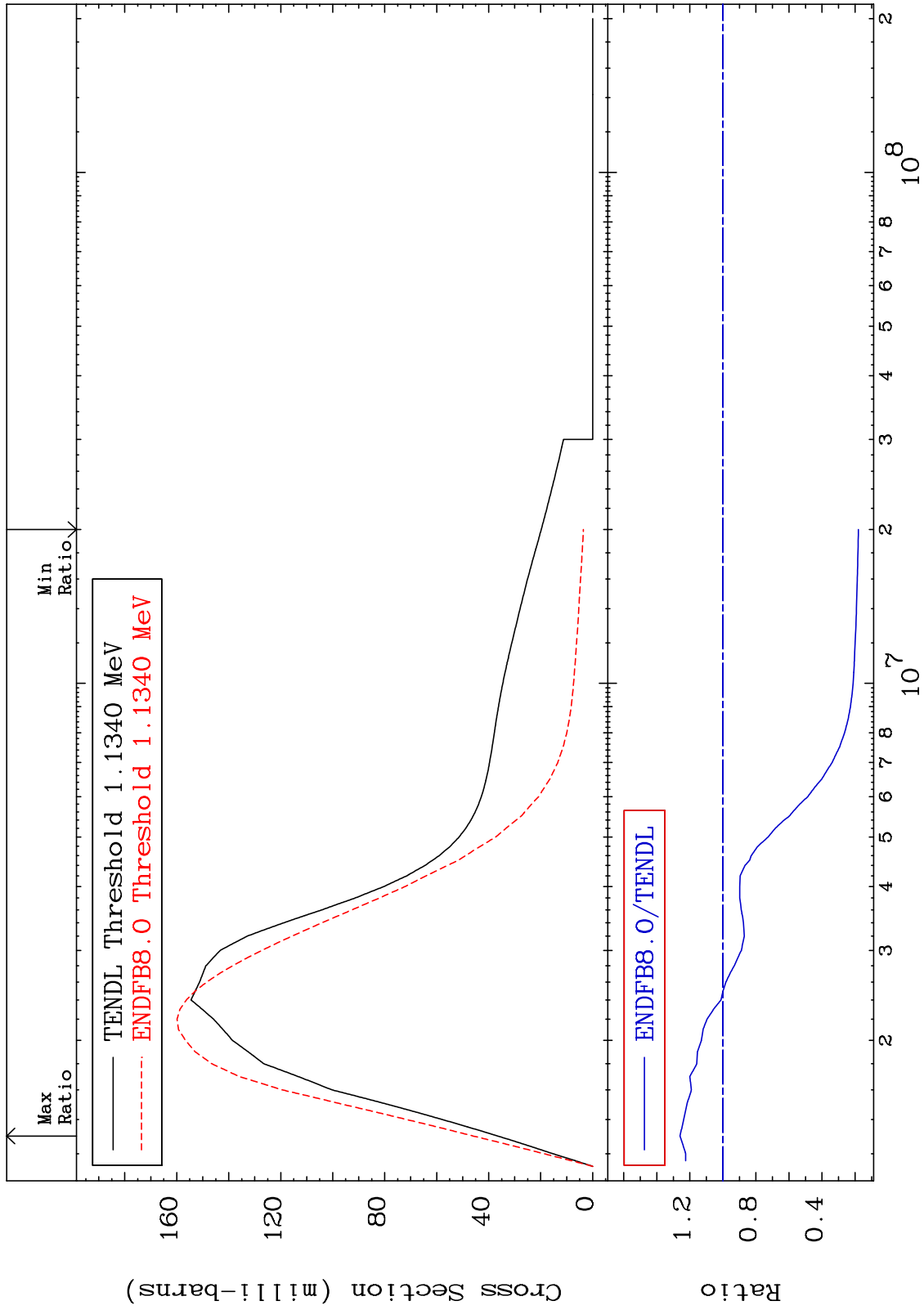
MAT 3625

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

36-Kr-78
-100.0 To -10.41%



MAT 3625 MT= 53 (n,n') Level Cross Section 36-Kr-78 -82.01 To 25.96 %

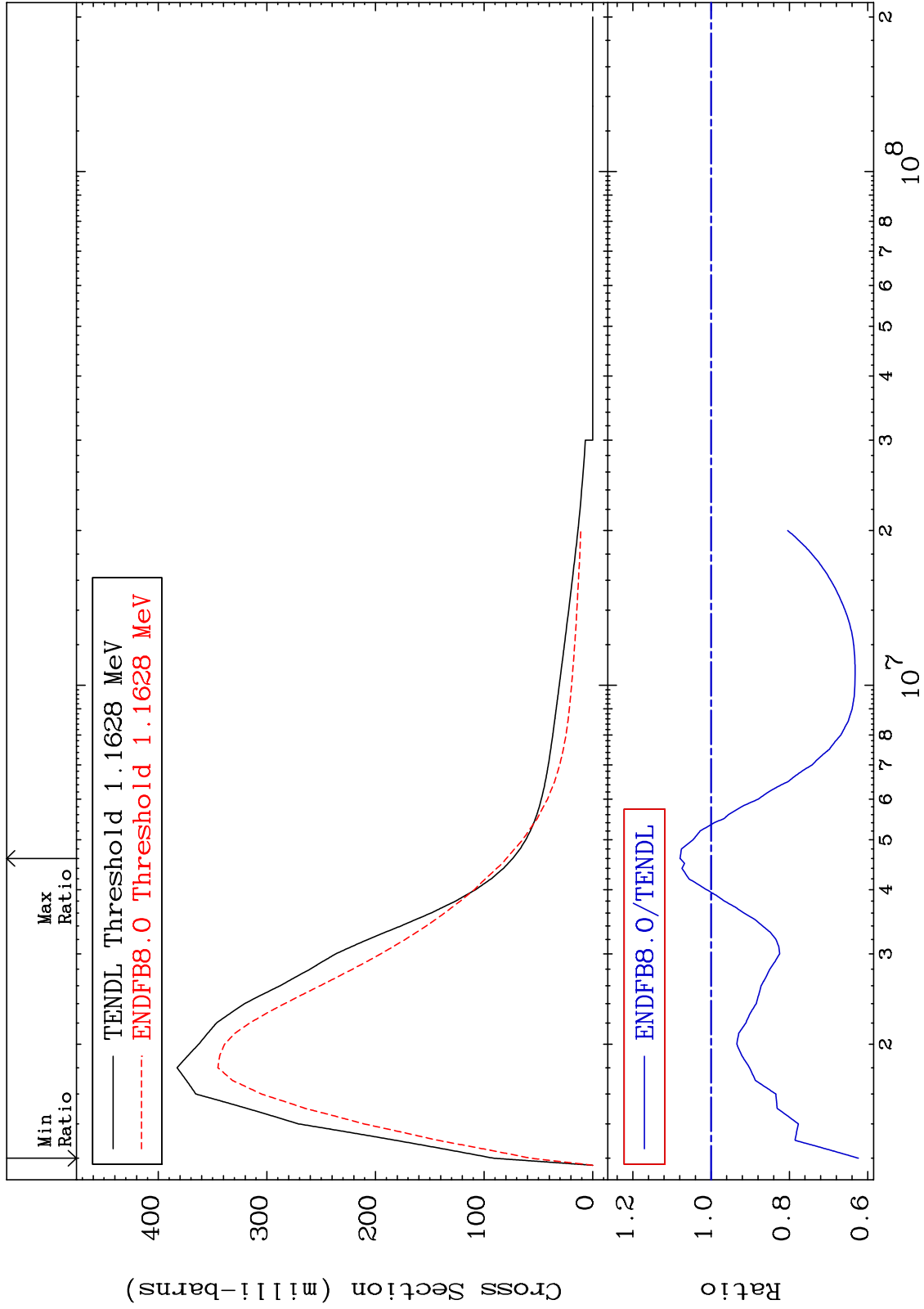


10 36-Kr-78

MAT 3625

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

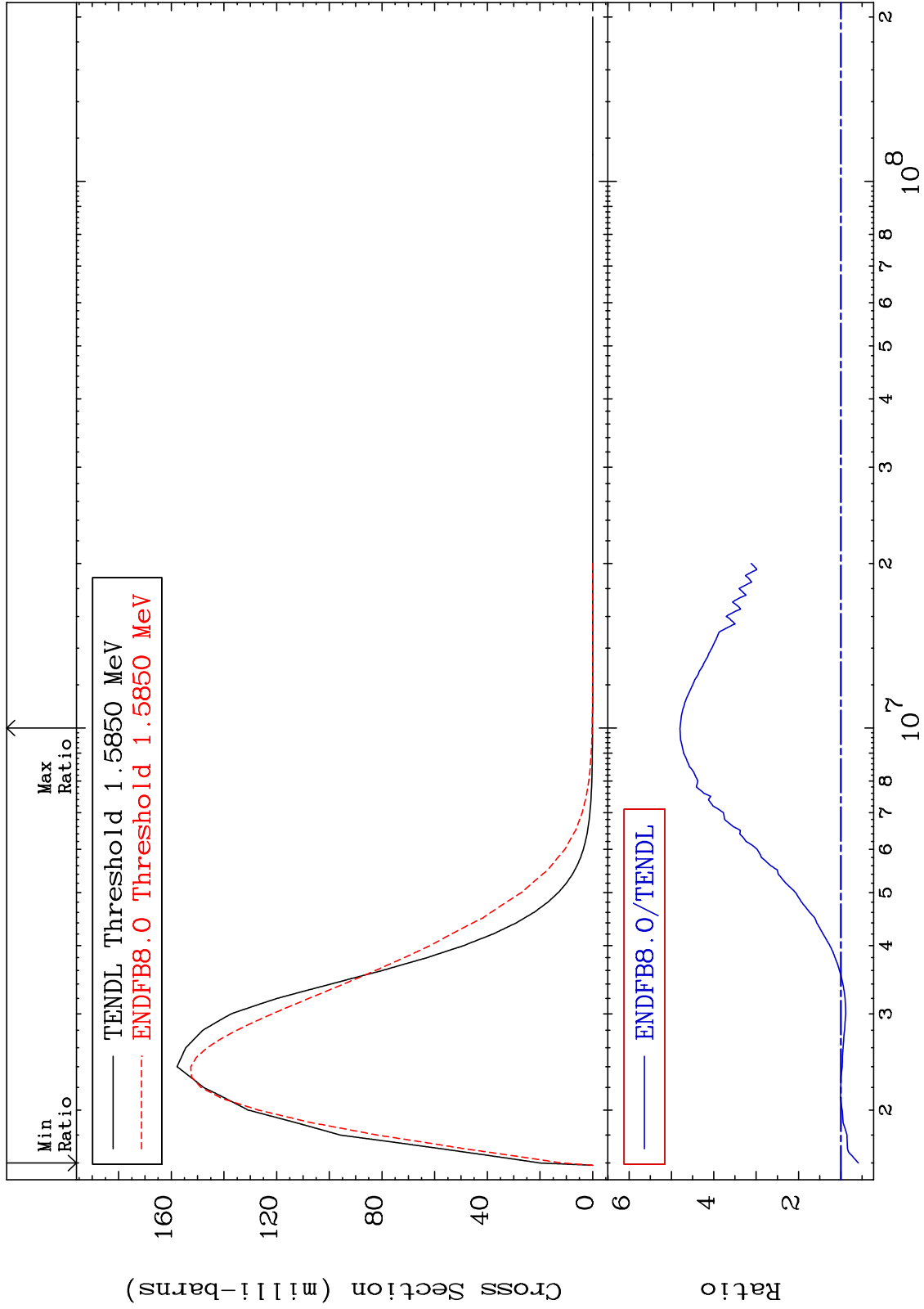
36-Kr-78
-37.64 To 7.932 %



MAT 3625

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

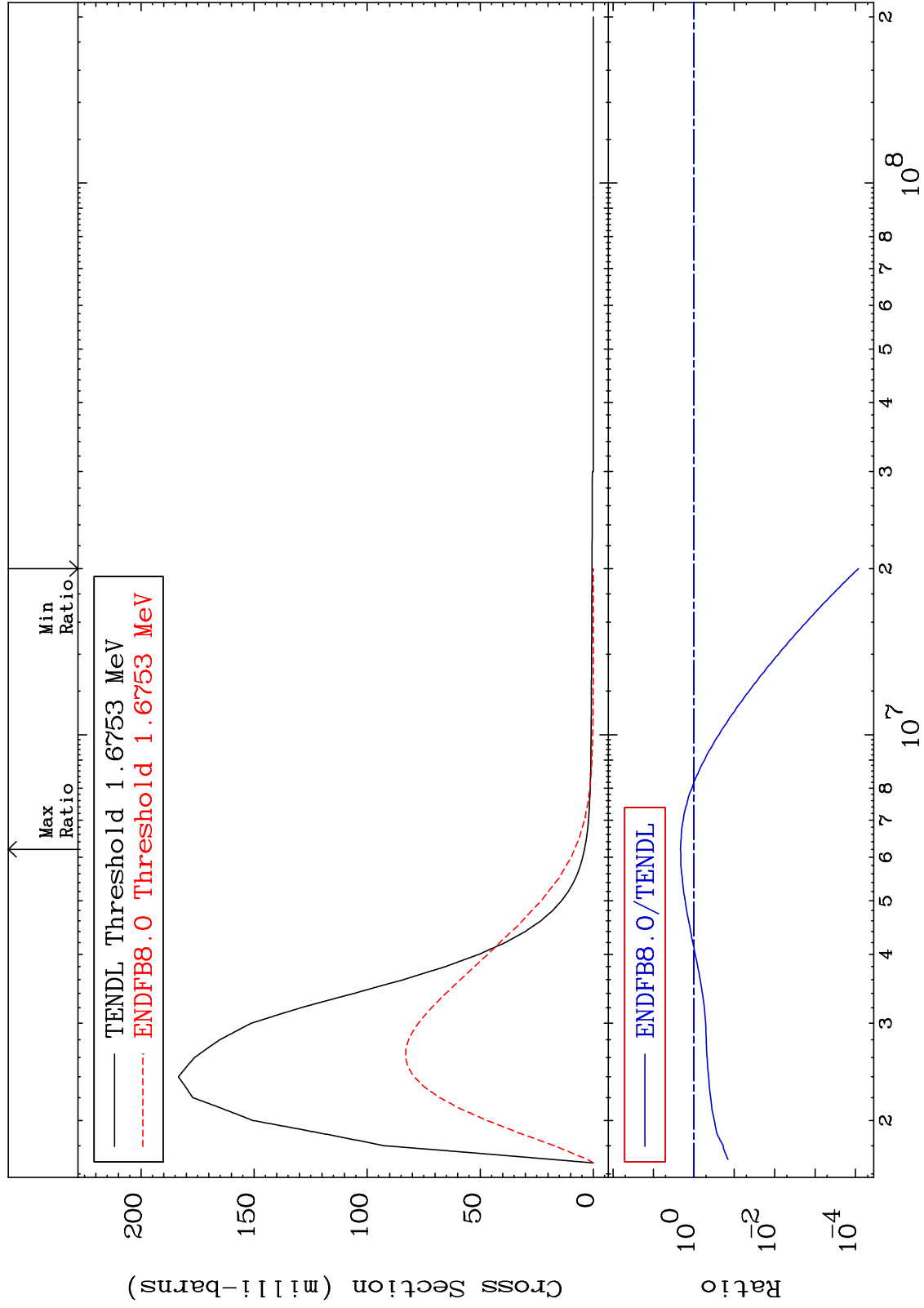
36-Kr-78
-41.40 To 379.7 %



MAT 3625

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

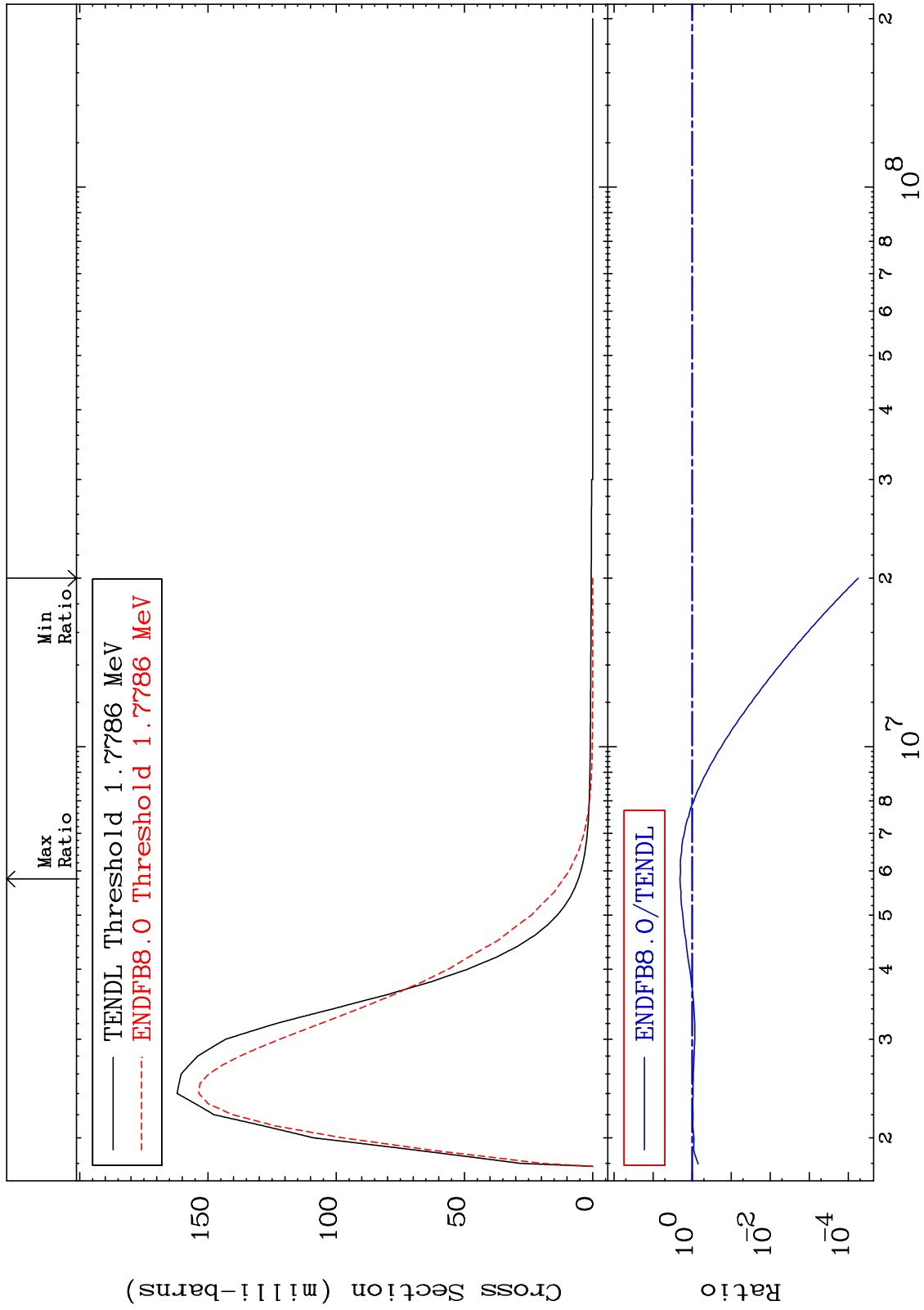
36-Kr-78
-99.99 To 114.8 %



MAT 3625

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

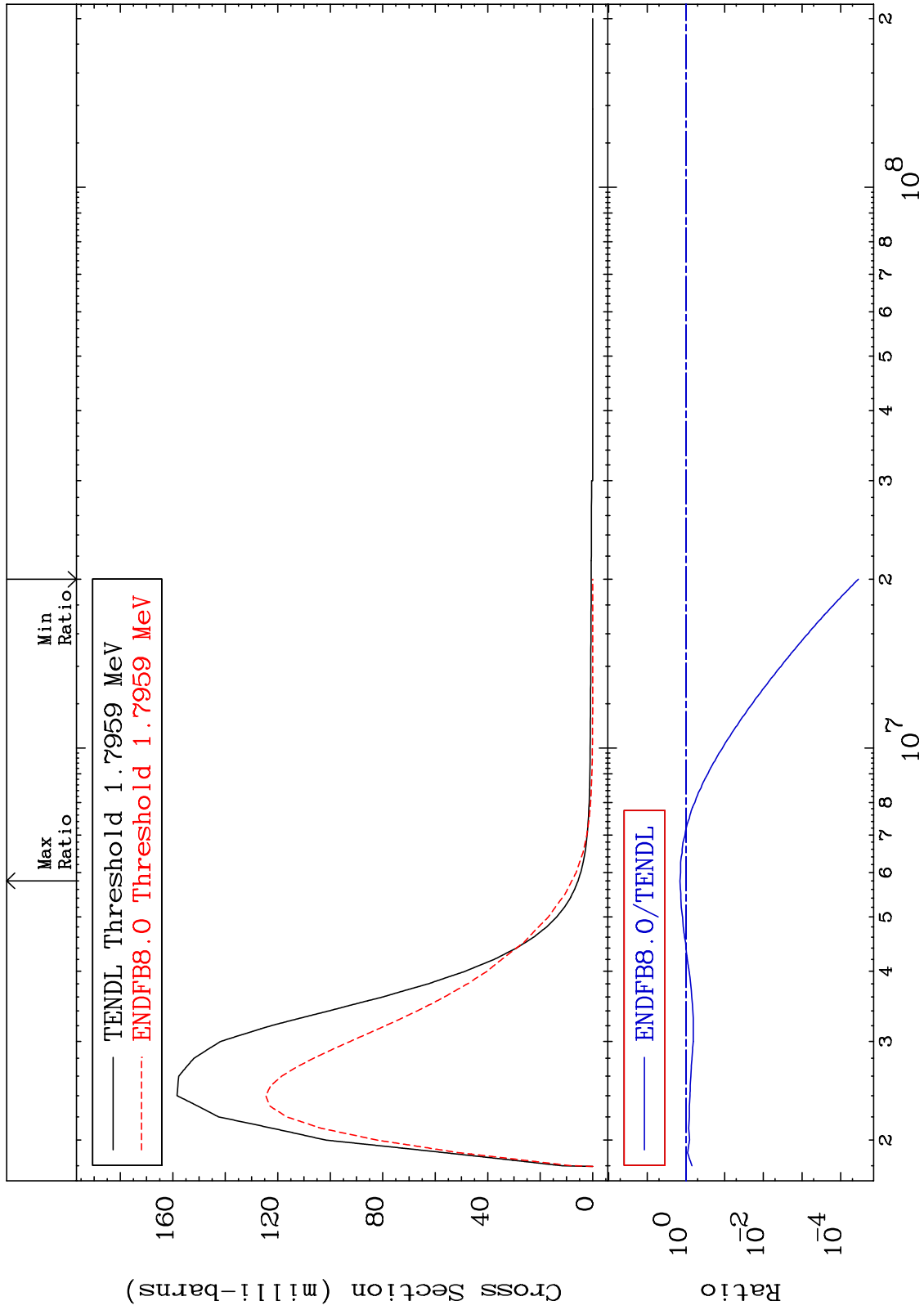
36-Kr-78
-99.99 To 104.7 %



MAT 3625

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

36-Kr-78
-100.0 To 42.46 %



15

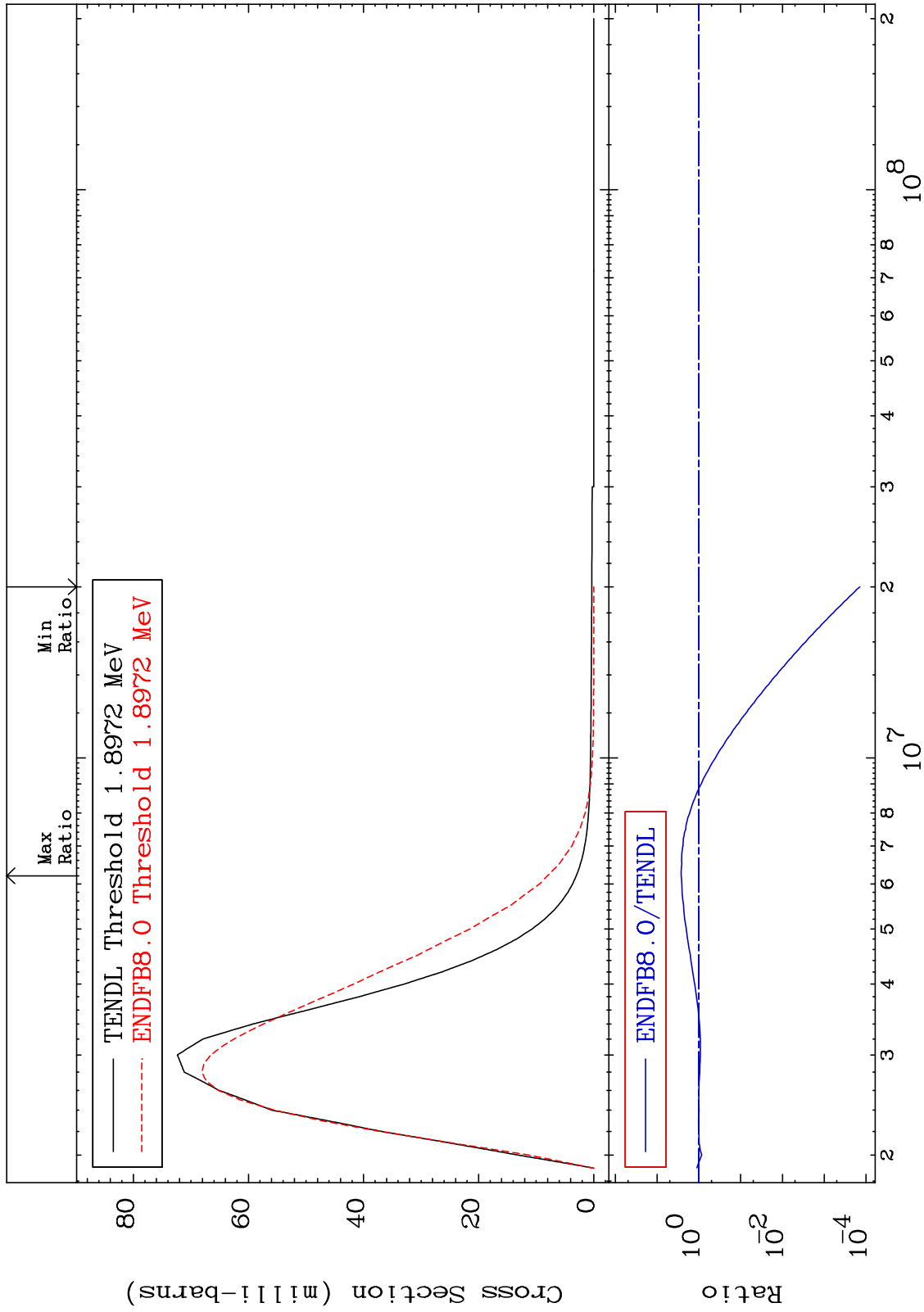
Incident Energy (eV)

36-Kr-78

MAT 3625

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

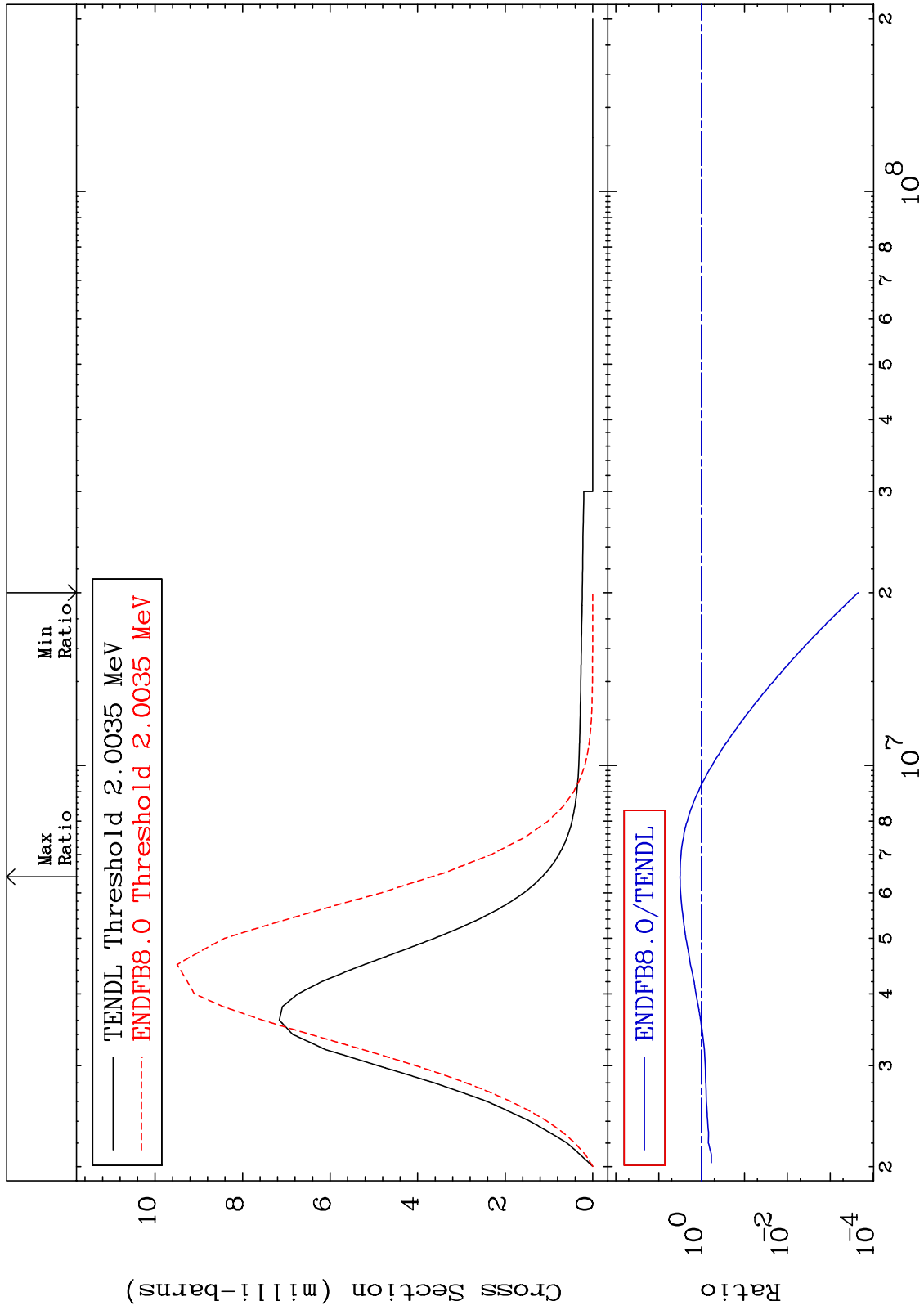
36-Kr-78
-99.99 To 165.3 %



MAT 3625

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

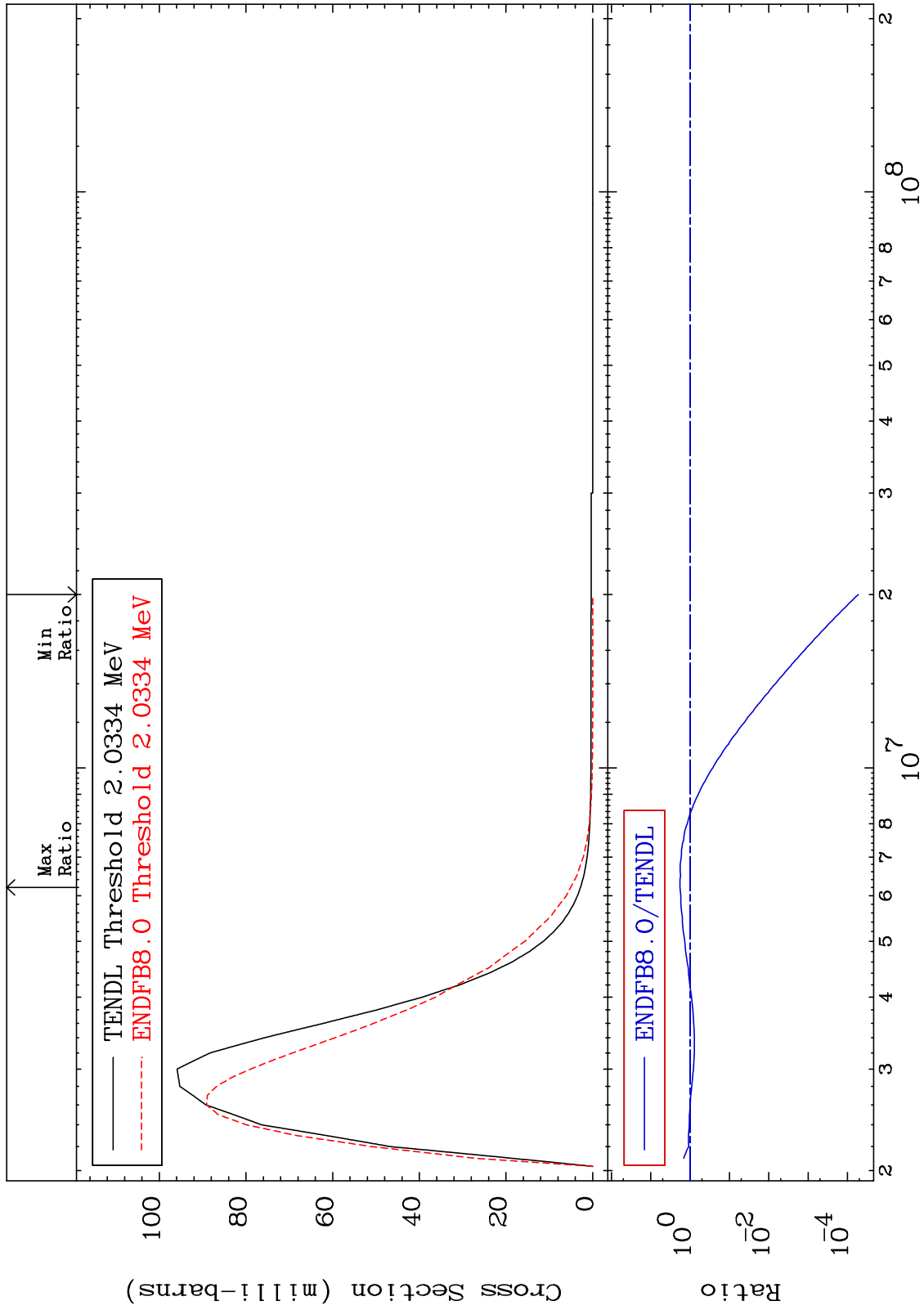
36-Kr-78
-99.98 To 218.7 %



MAT 3625

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

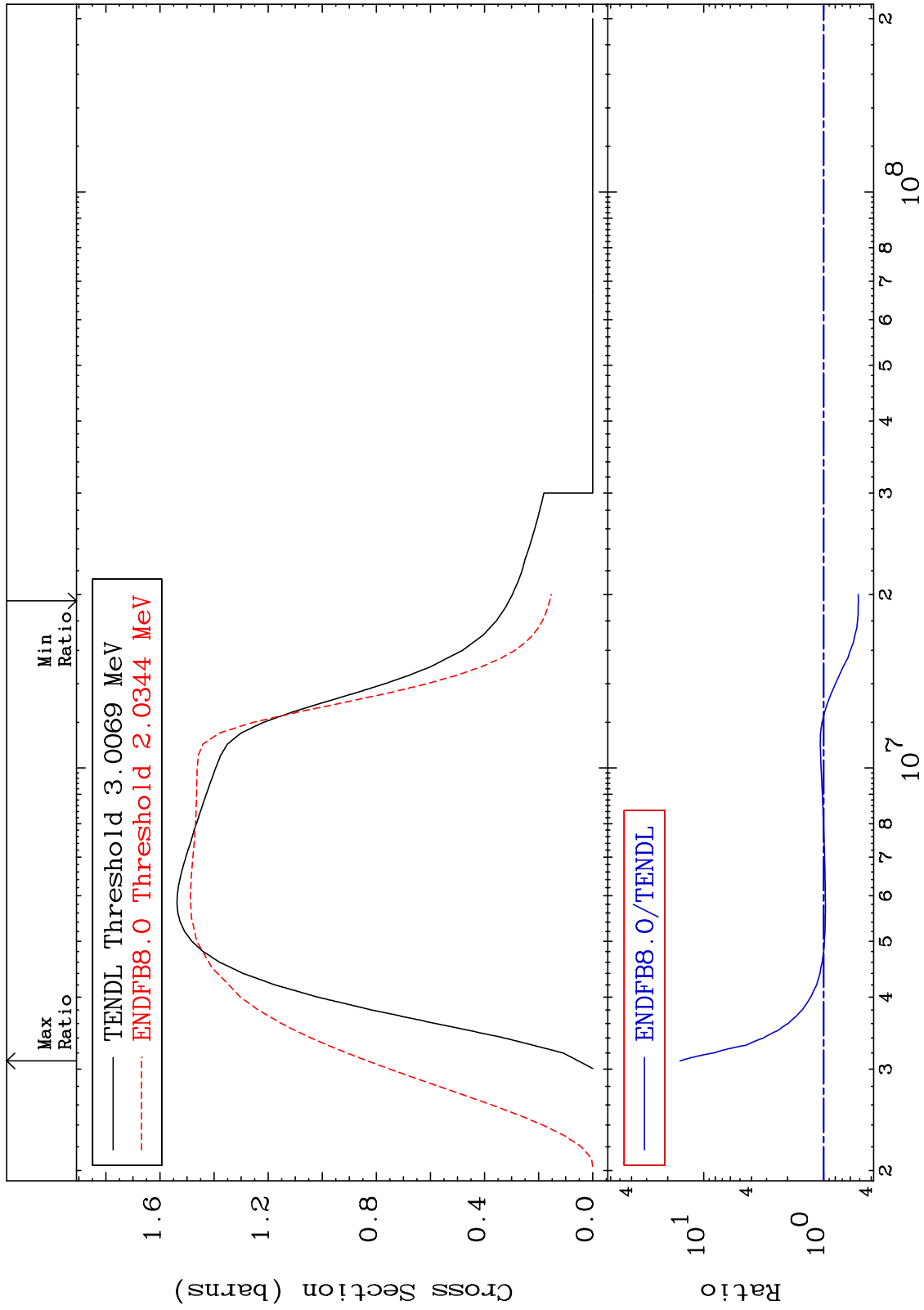
36-Kr-78
-99.99 To 81.01 %



MAT 3625

(n, n') Continuum
Cross Section

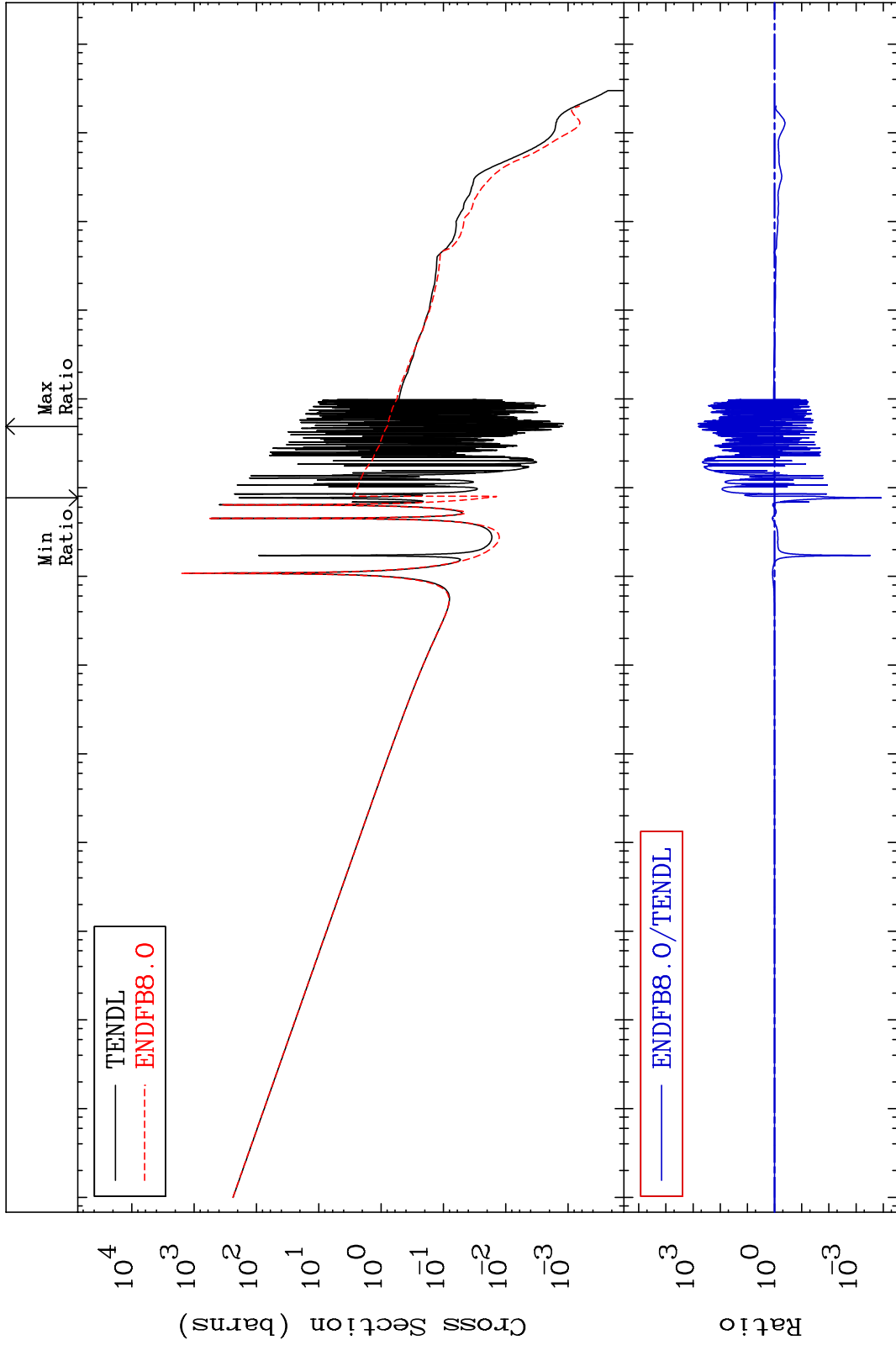
36-Kr-78
-48.73 To 1478. %



MAT 3625

(n, γ)
Cross Section

36-Kr-78
-99.99 To 9999. %



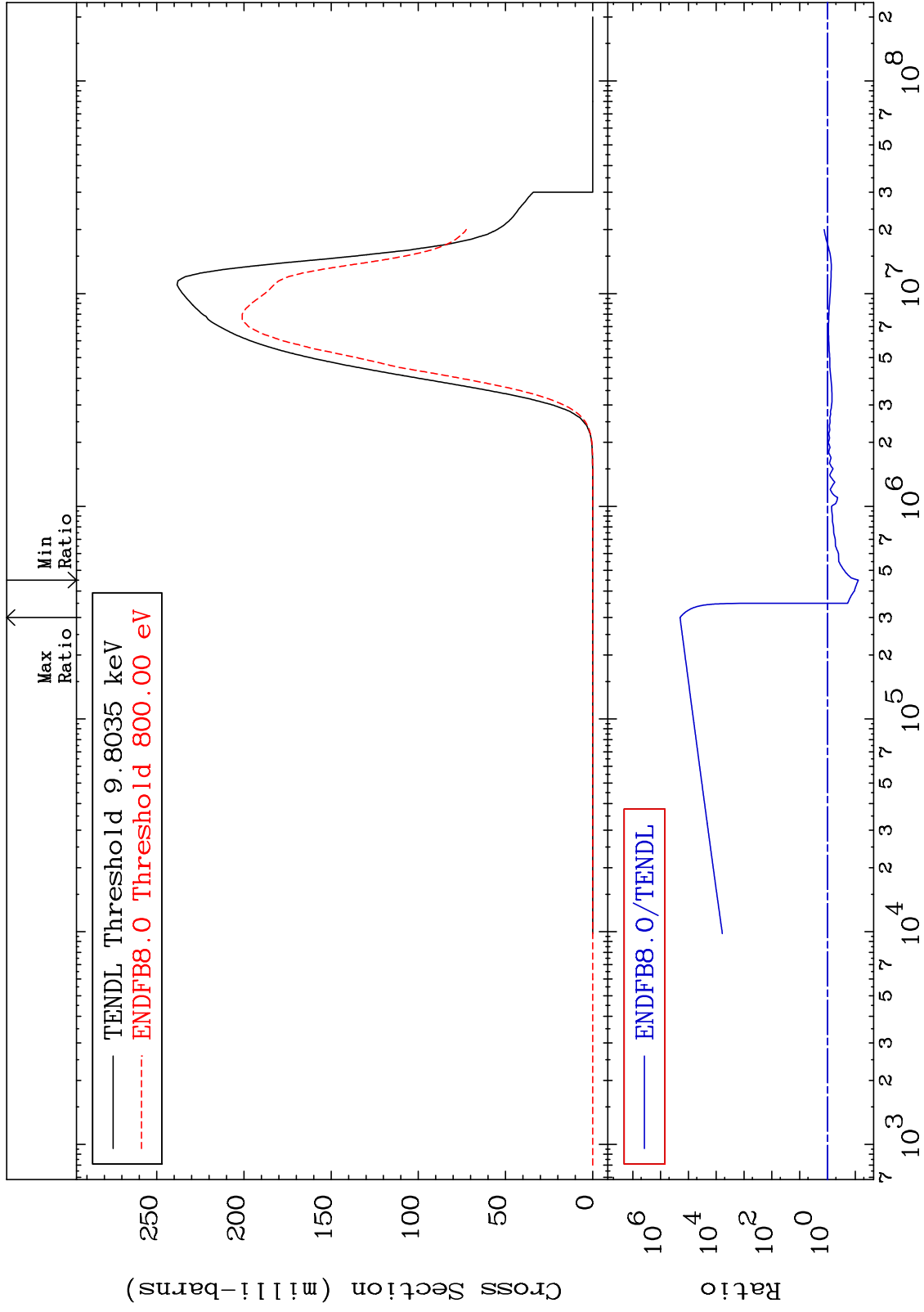
MAT 3625

(n, p)

36-Kr-78

Cross Section

-92.25 To 9999. %



21

Incident Energy (eV)

36-Kr-78

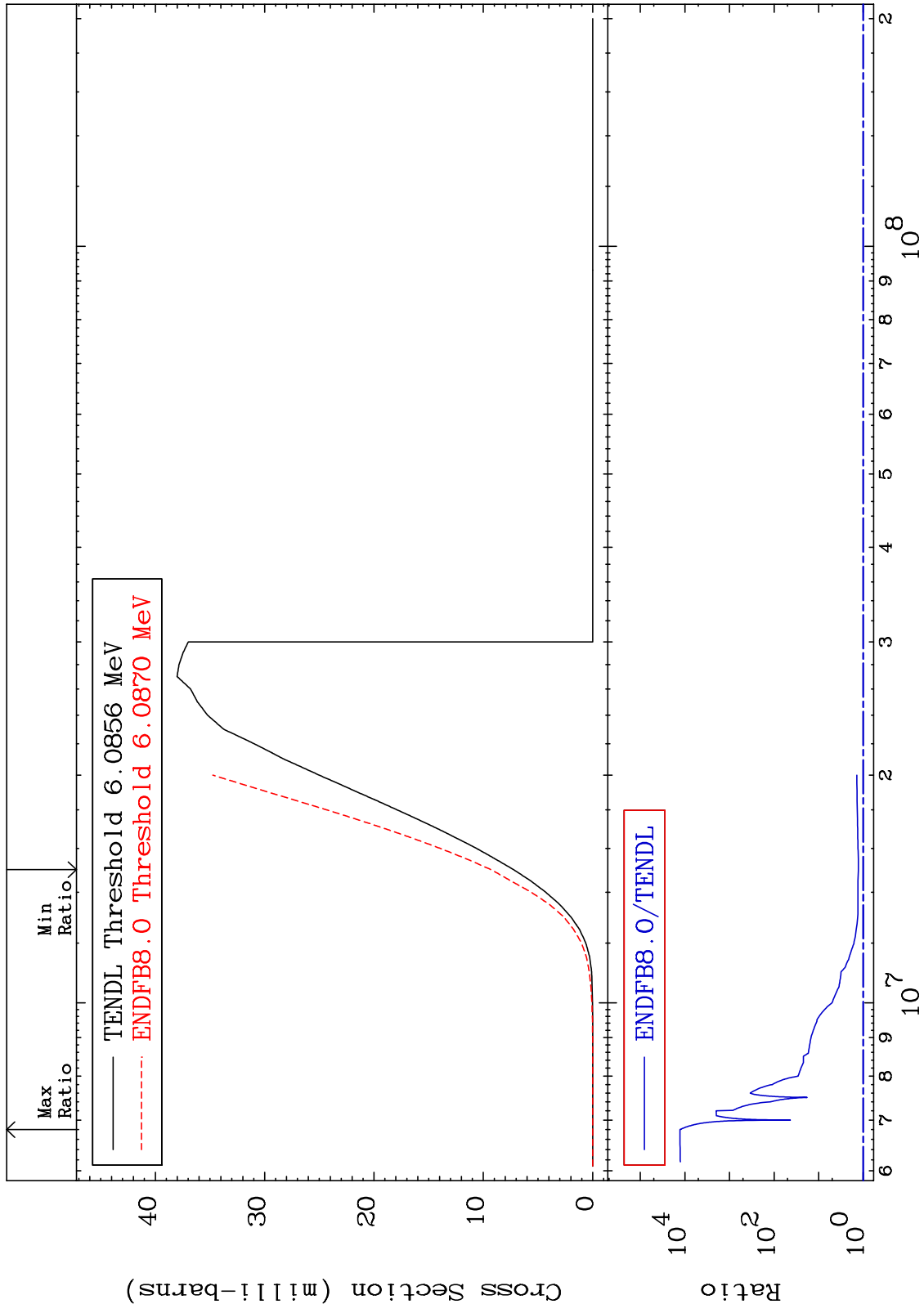
MAT 3625

(n,d)

36-Kr-78

Cross Section

28.43 To 9999. %



36-Kr-78

Incident Energy (eV)

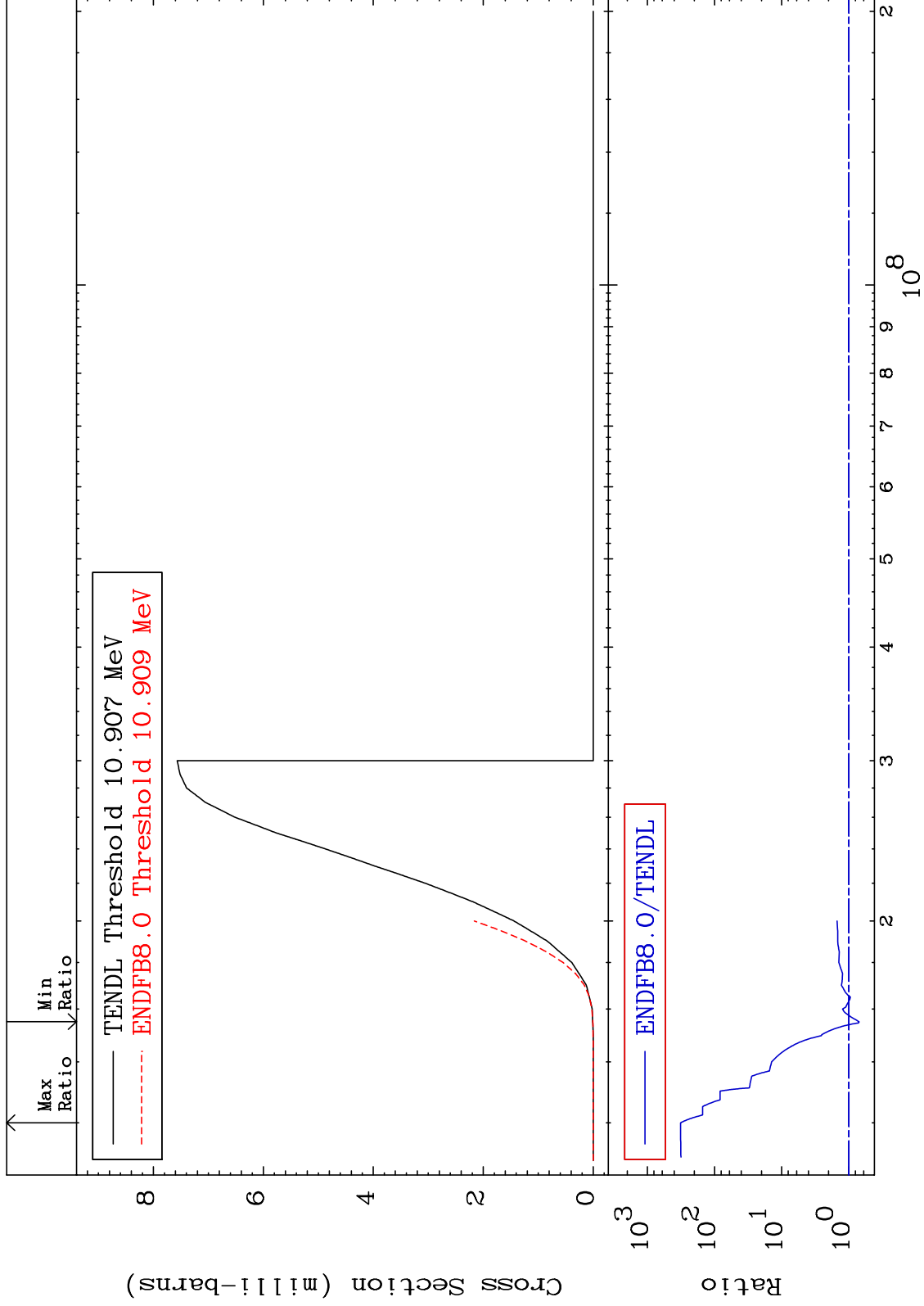
MAT 3625

(n, t)

36-Kr-78

Cross Section

-29.72 To 9999. %



36-Kr-78

Incident Energy (eV)

23

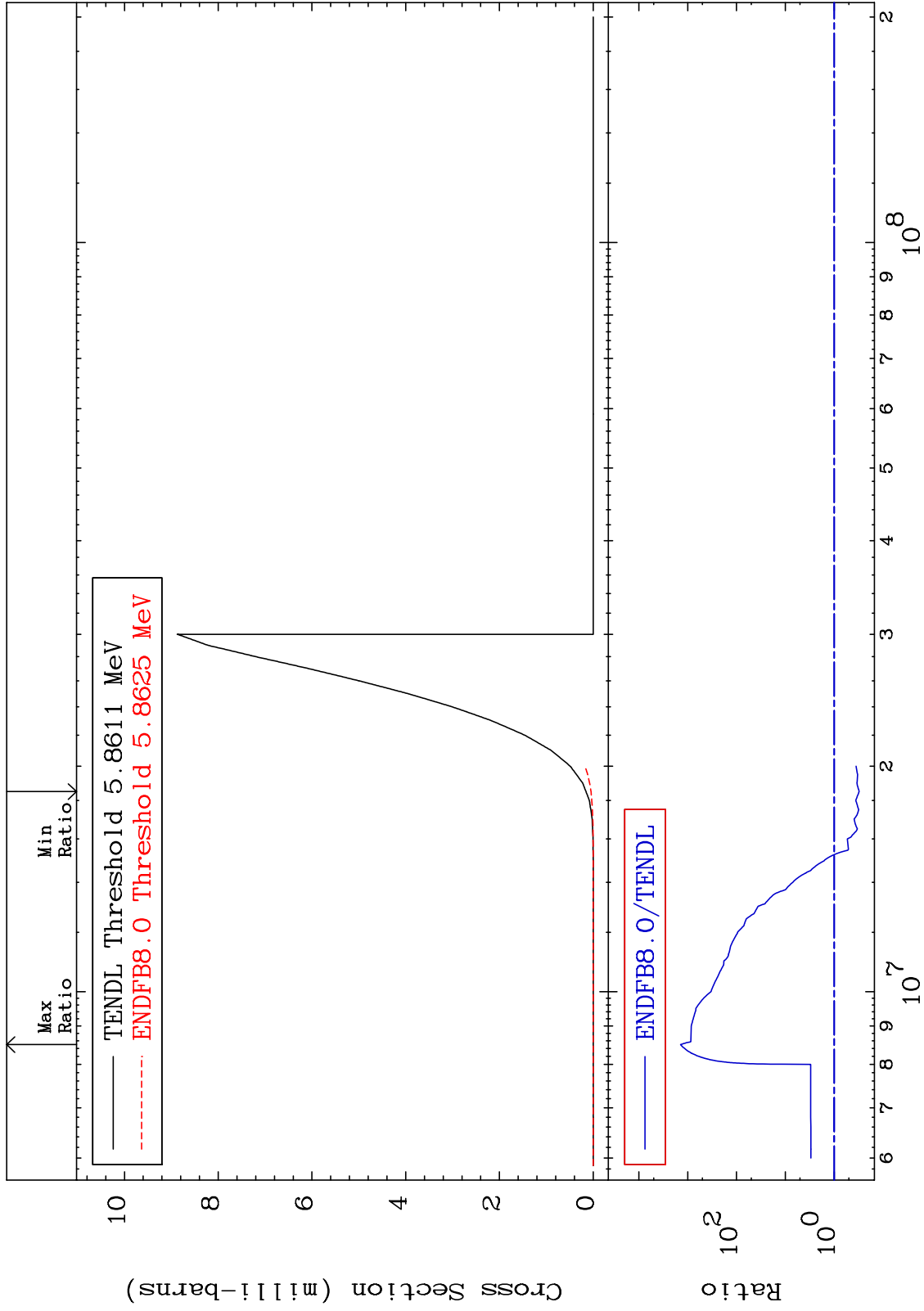
MAT 3625

(n, He-3)

³⁶Kr-78

Cross Section

-69.29 To 9999. %



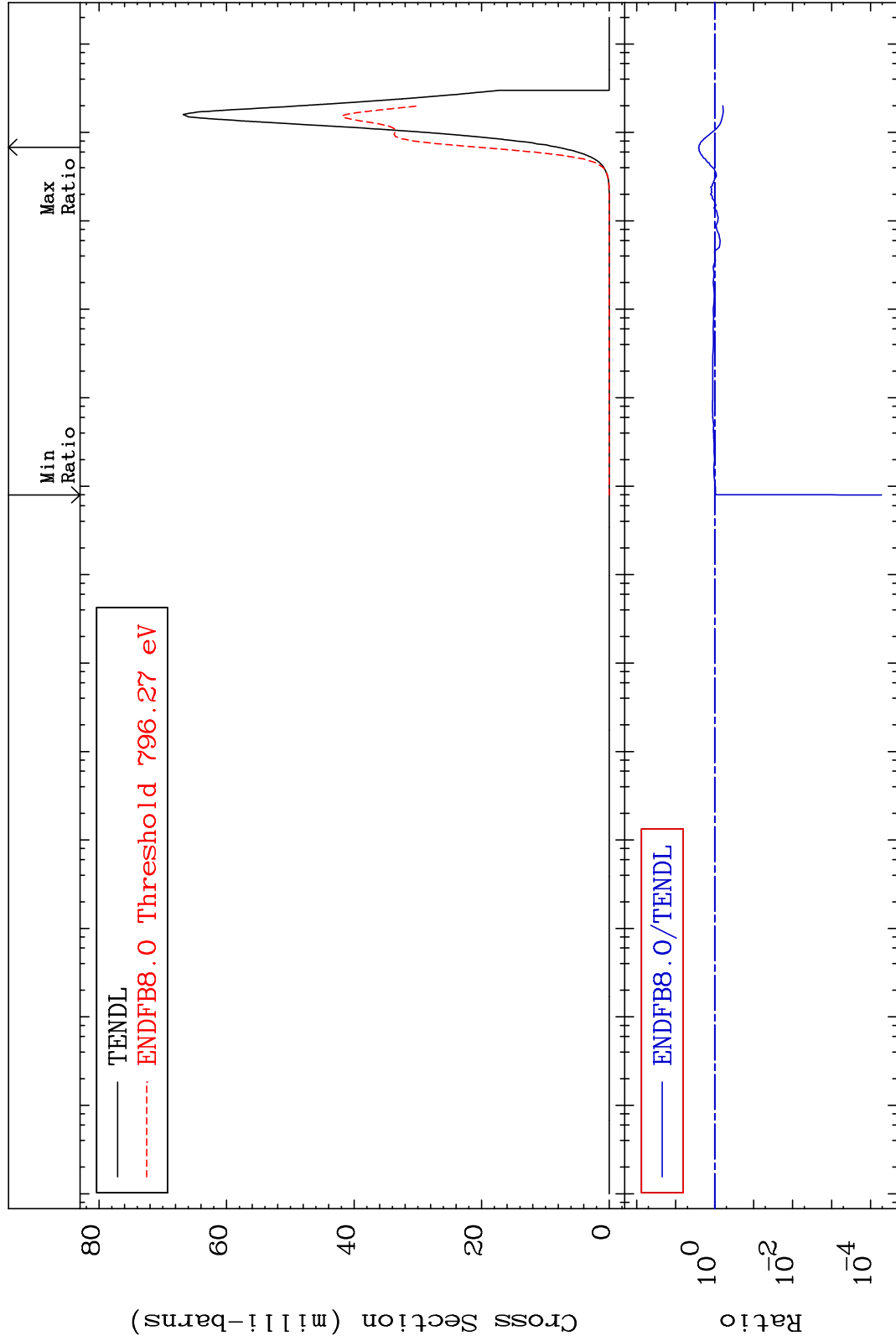
MAT 3625

(n, α)

³⁶Kr-78

Cross Section

-99.99 To 156.3 %



— TENDL
- - - ENDFB8.0 Threshold 796.27 eV

— ENDFB8.0/TENDL

25

Incident Energy (eV)

³⁶Kr-78

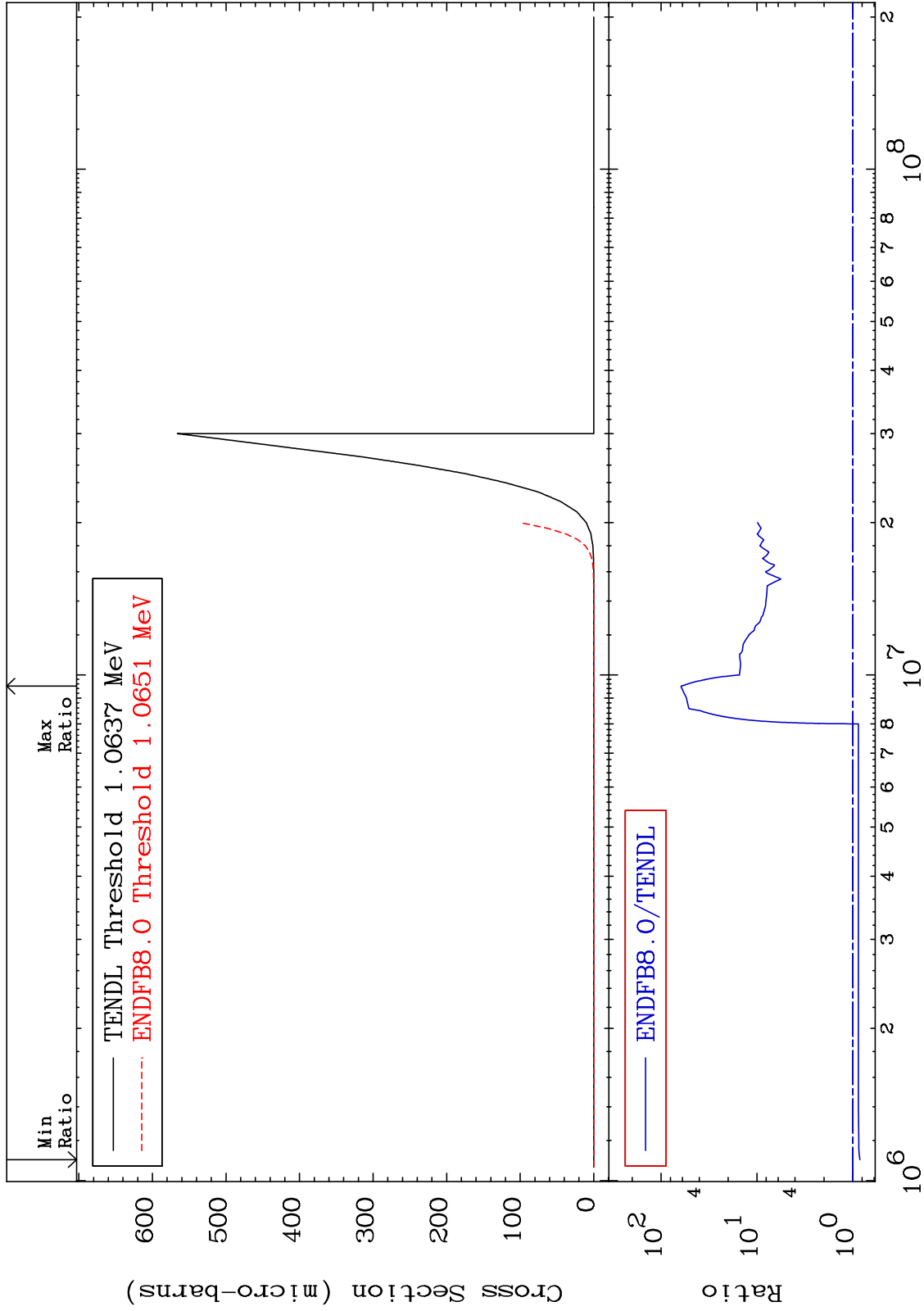
MAT 3625

(n, 2α)

36-Kr-78

-15.77 To 6072. %

Cross Section



26

Incident Energy (eV)

36-Kr-78

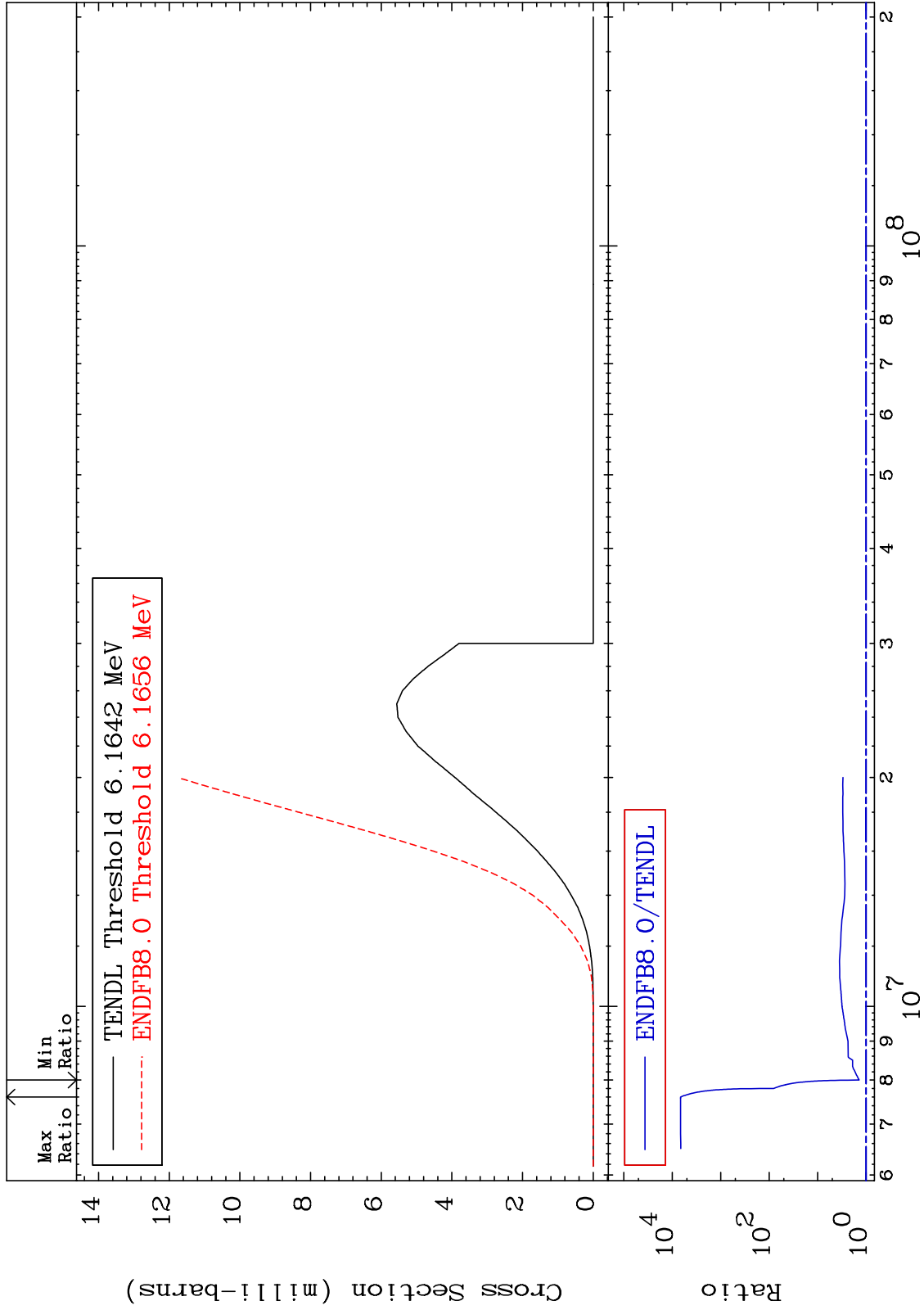
MAT 3625

(n,2p)

36-Kr-78

Cross Section

38.91 To 9999. %



36-Kr-78

Incident Energy (eV)

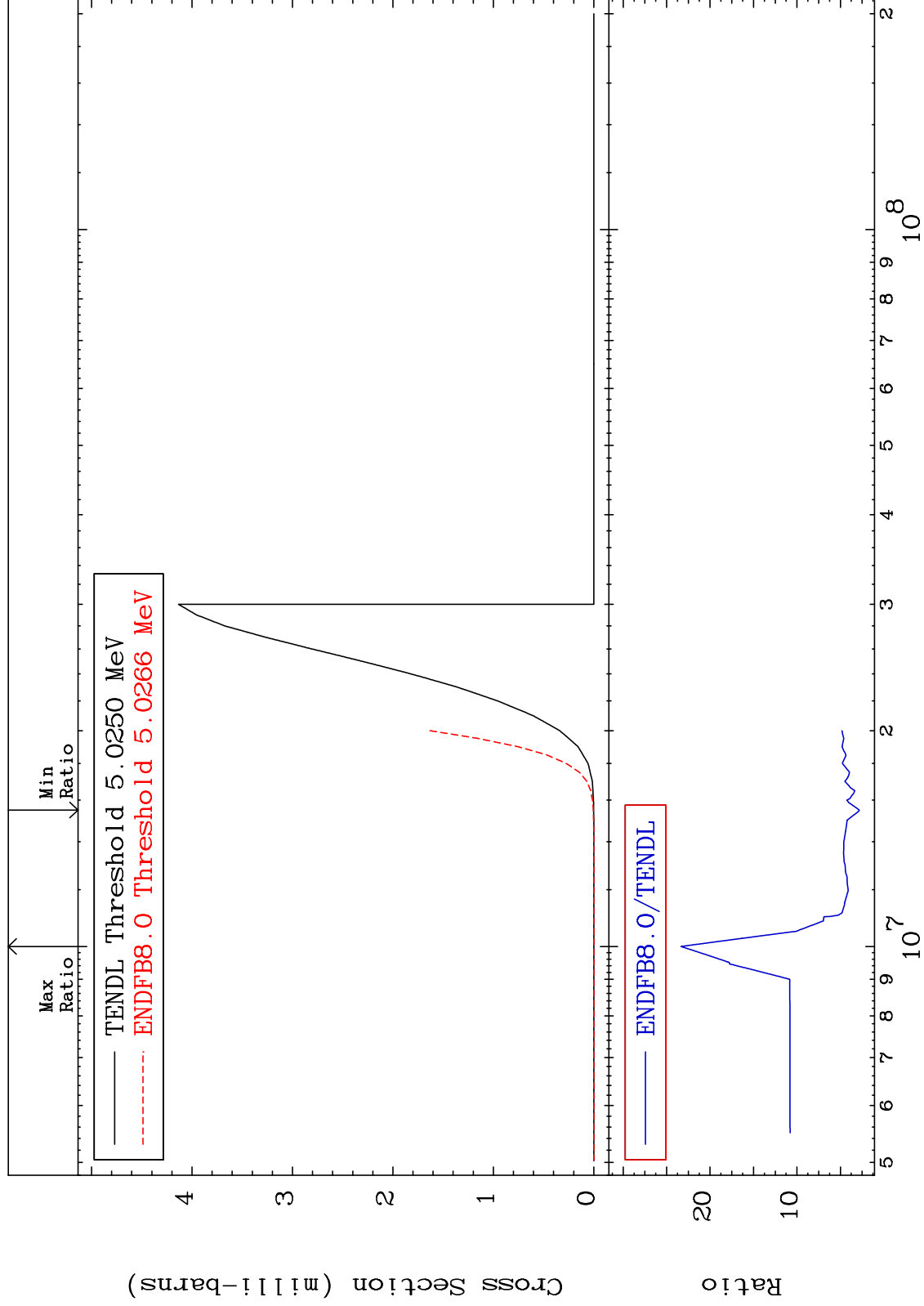
27

MAT 3625

(n,p) α

Cross Section

36-Kr-78
182.6 To 2234. %



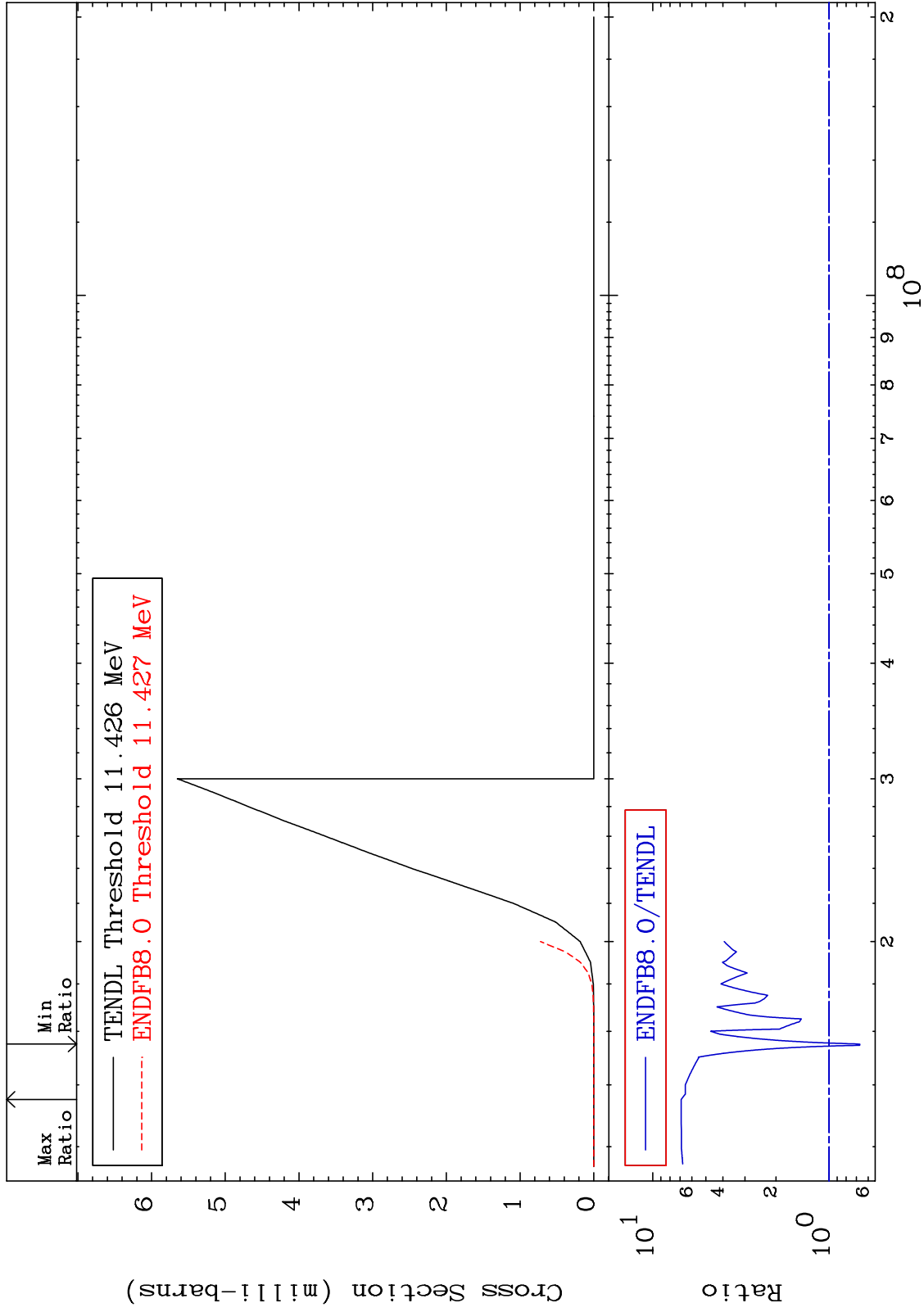
MAT 3625

(n,p) d

36-Kr-78

Cross Section

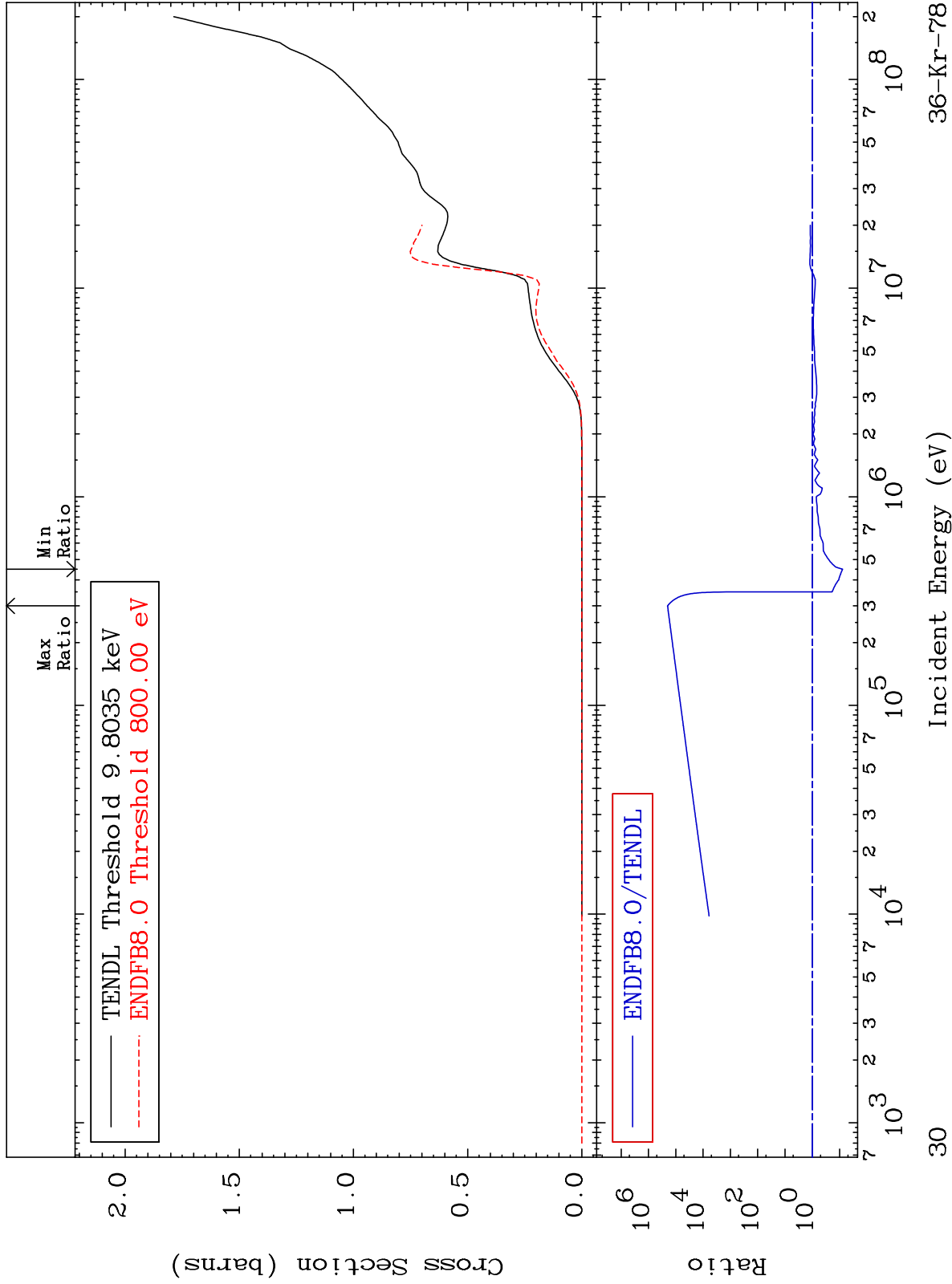
-33.20 To 590.1 %



MAT 3625

Hydrogen Production
Cross Section

36-Kr-78
-92.25 To 9999. %



36-Kr-78

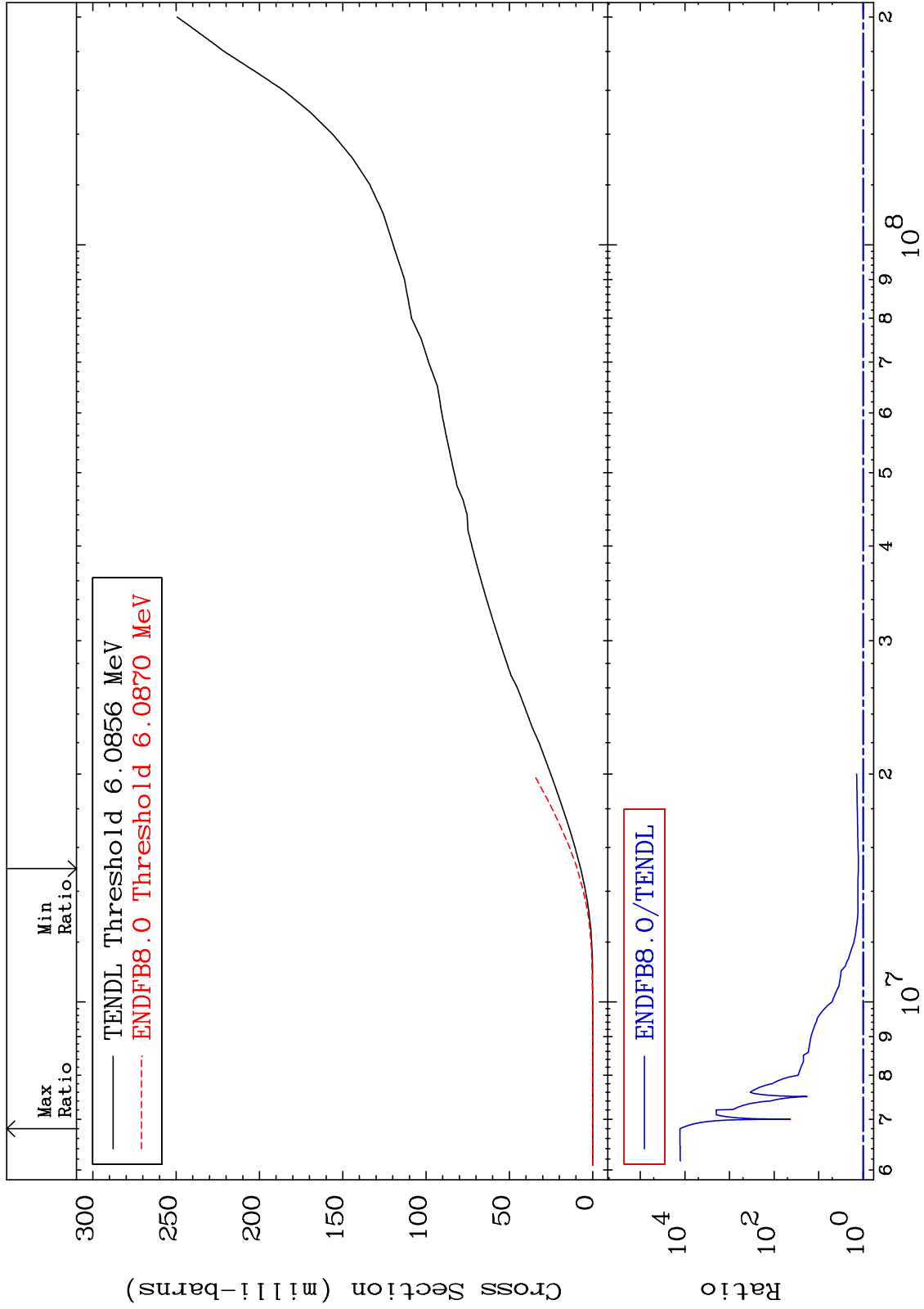
Incident Energy (eV)

30

MAT 3625

Deuterium Production
Cross Section

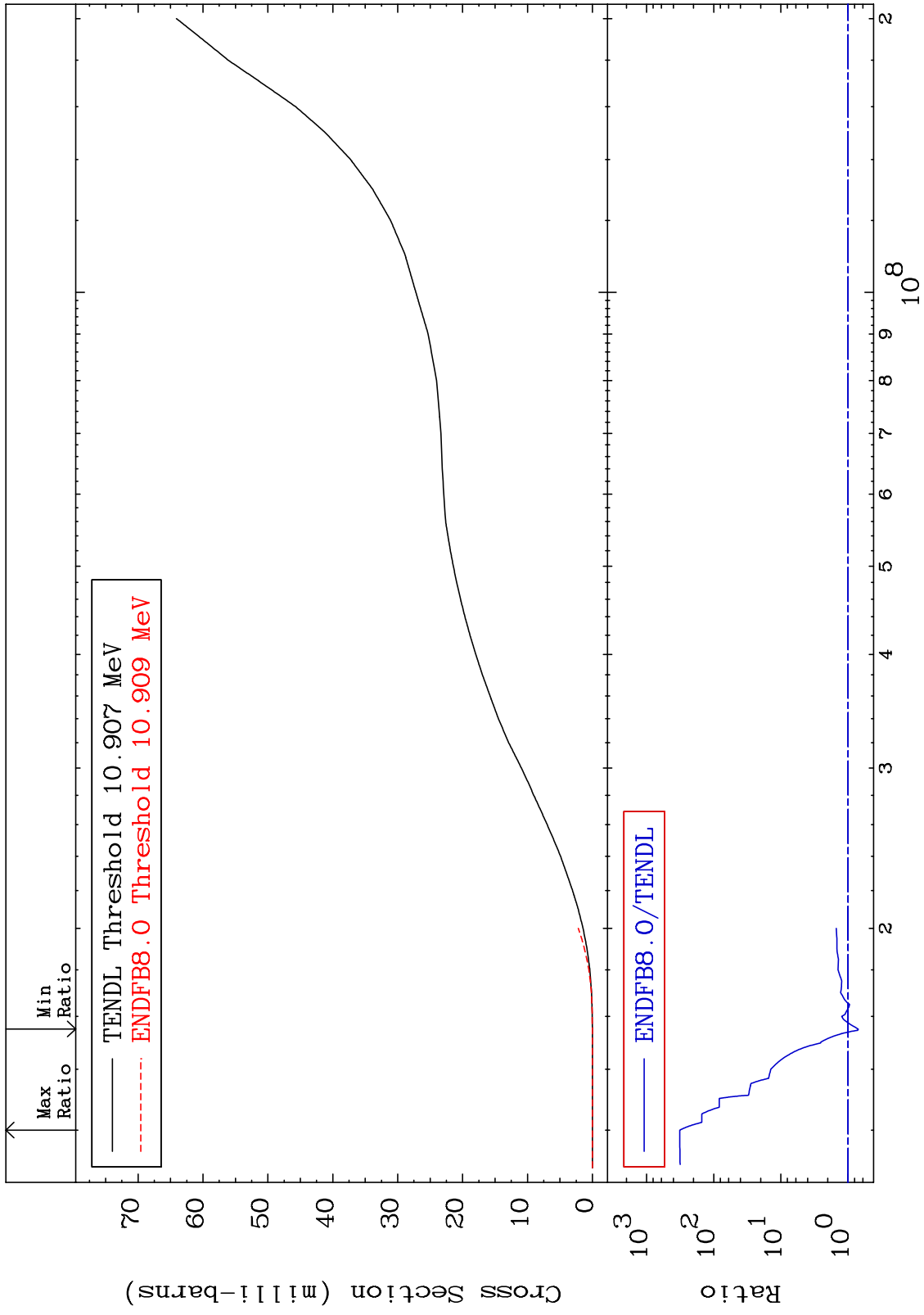
36-Kr-78
28.43 To 9999. %



MAT 3625

Tritium Production
Cross Section

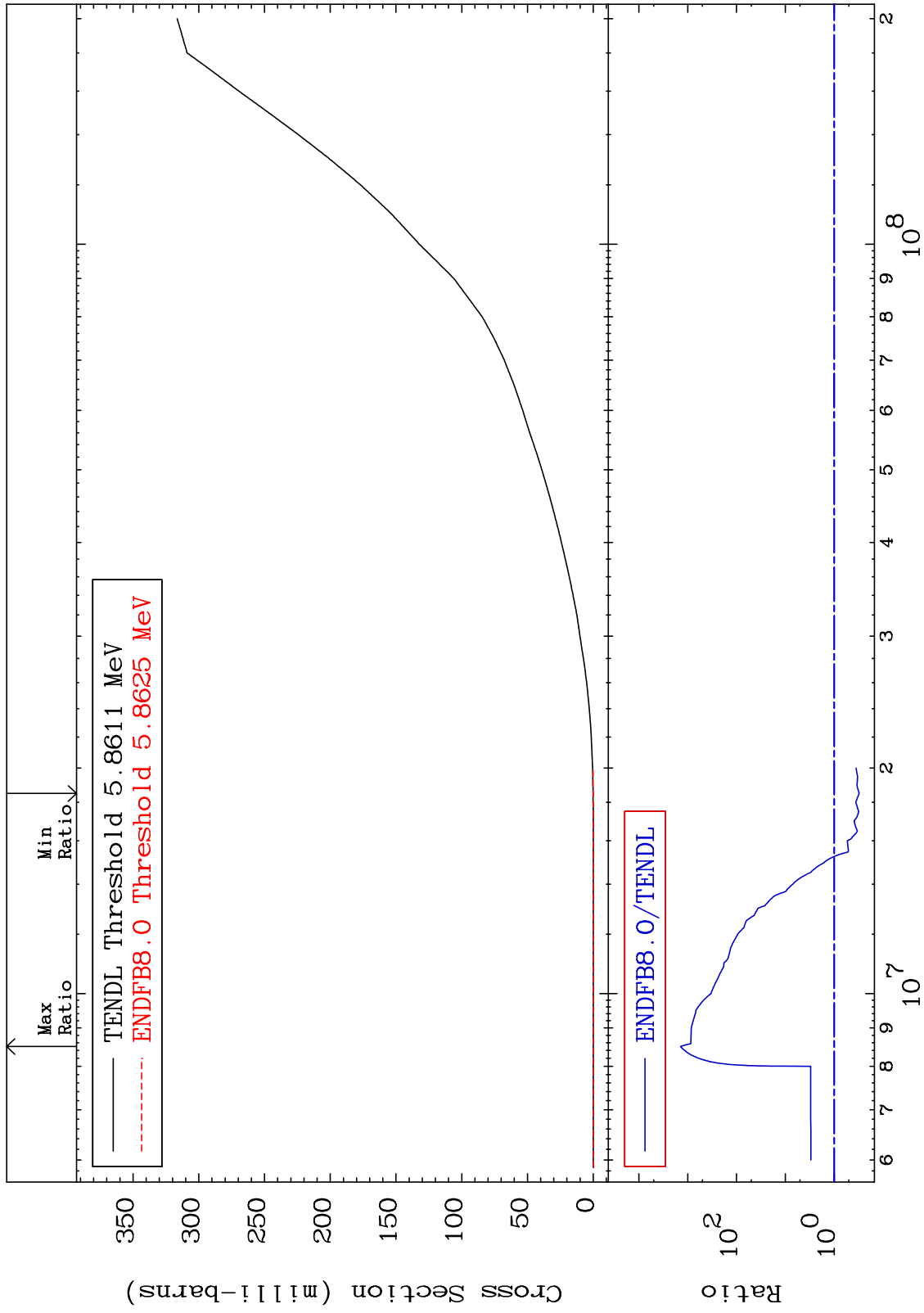
³⁶Kr-78
-29.72 To 9999. %



MAT 3625

He-3 Production
Cross Section

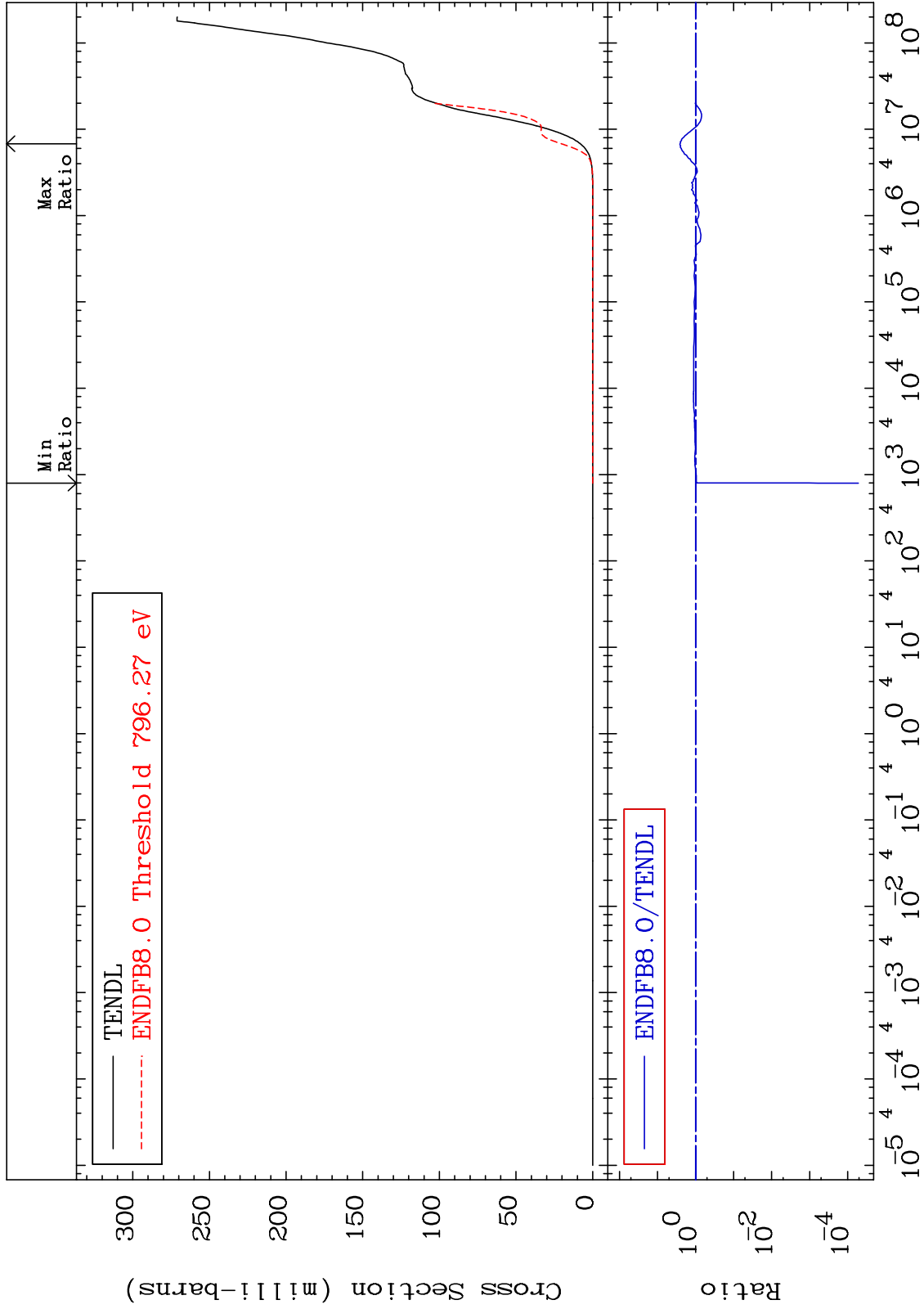
36-Kr-78
-69.29 To 9999. %



MAT 3625

He-4 Production
Cross Section

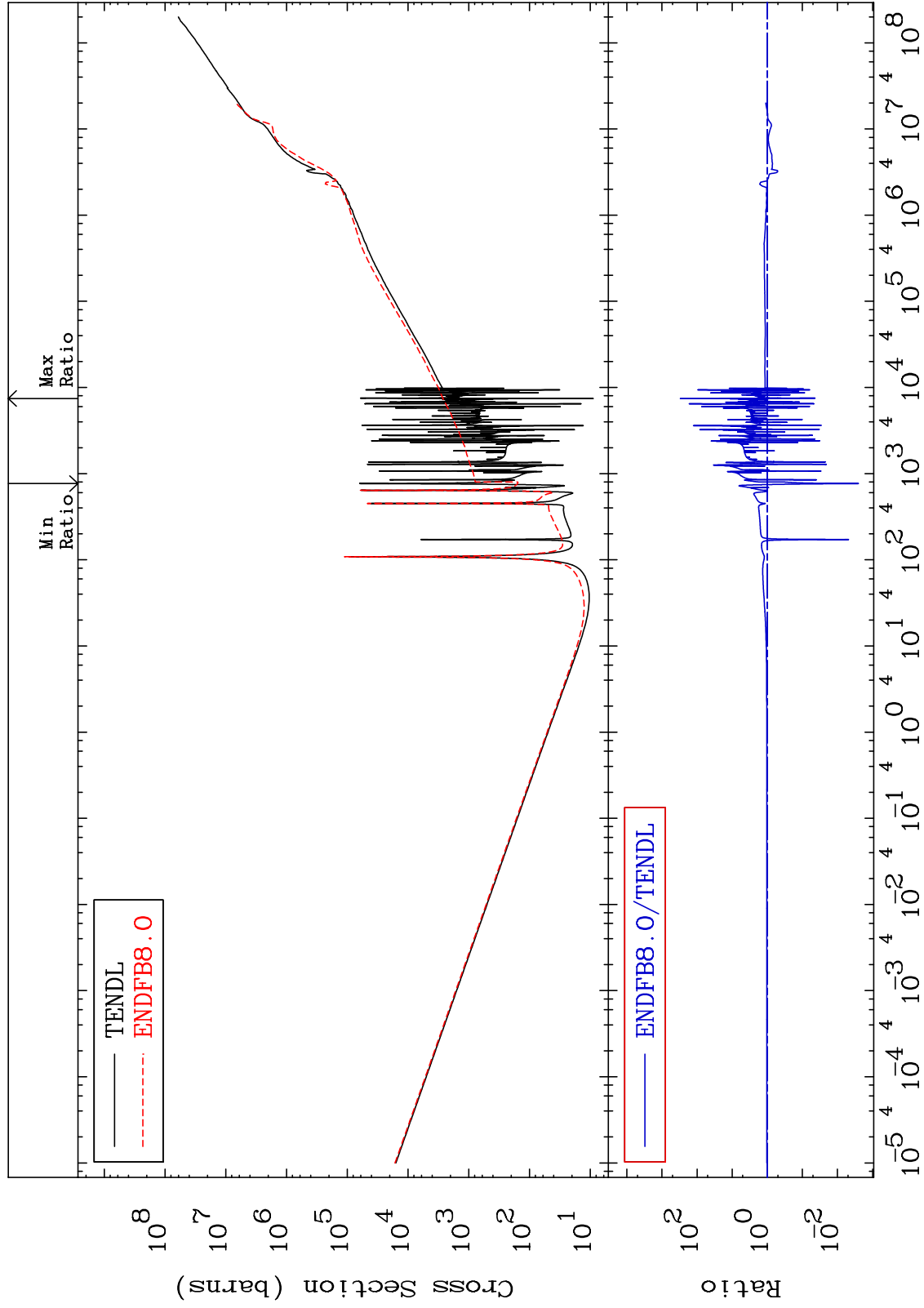
36-Kr-78
-99.99 To 156.3 %



MAT 3625

Kerma total (eV-barns)
Cross Section

36-Kr-78
-99.75 To 9999. %



35

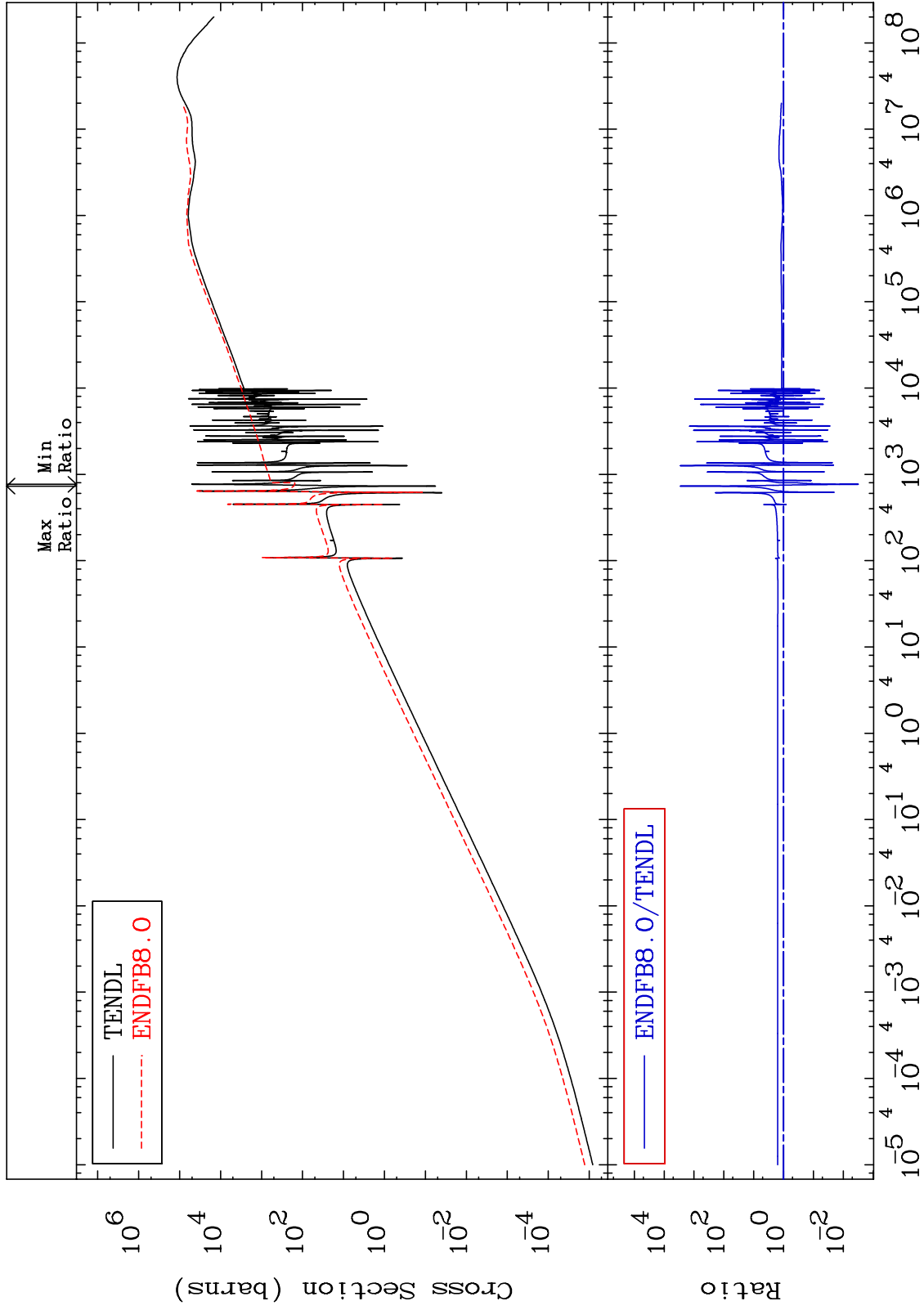
Incident Energy (eV)

36-Kr-78

MAT 3625

Kerma elastic
Cross Section

36-Kr-78
-99.69 To 9999. %



36

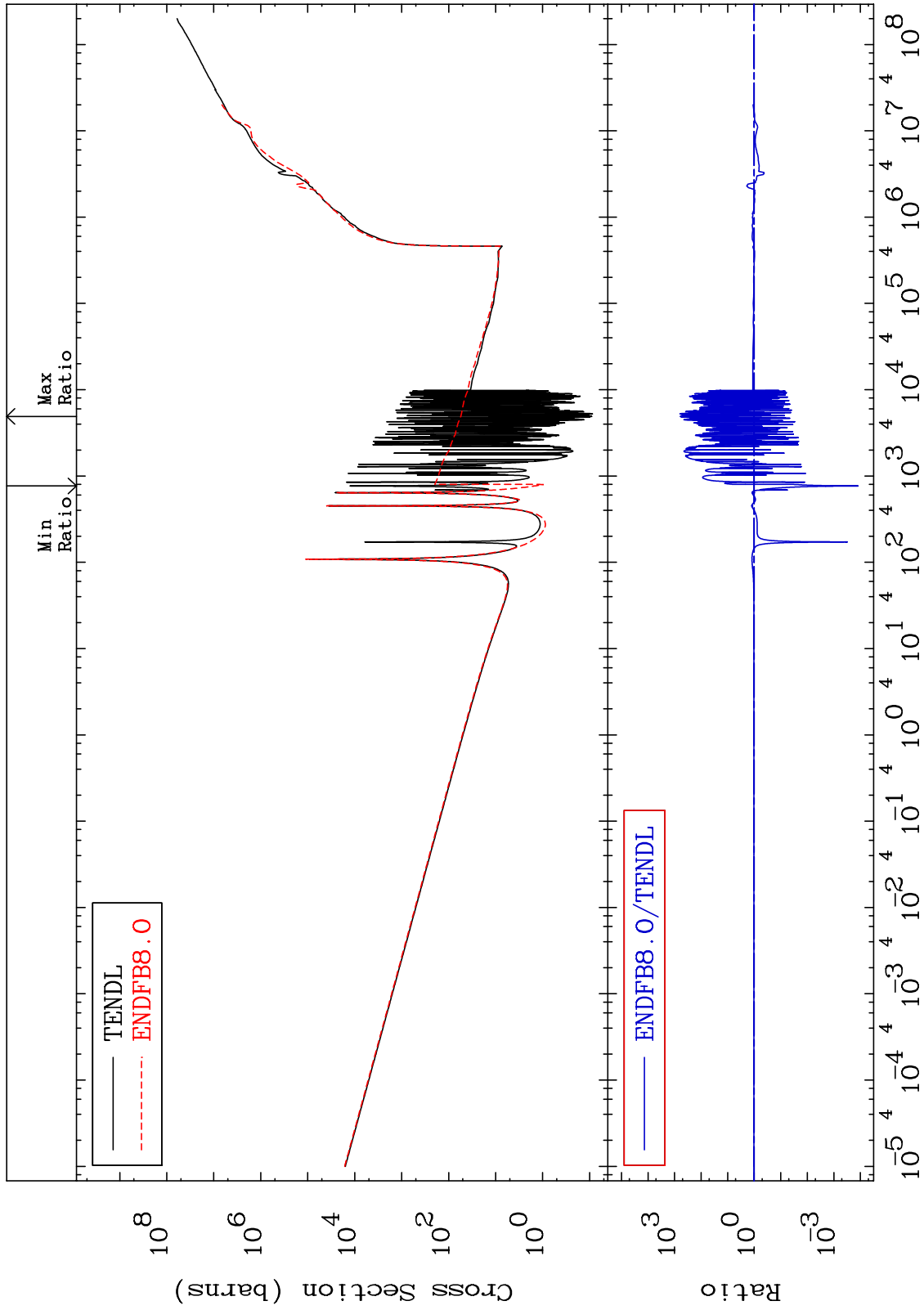
Incident Energy (eV)

36-Kr-78

MAT 3625

Kerma non-elastic (all but mt2)
Cross Section

36-Kr-78
-99.99 To 9999. %



37

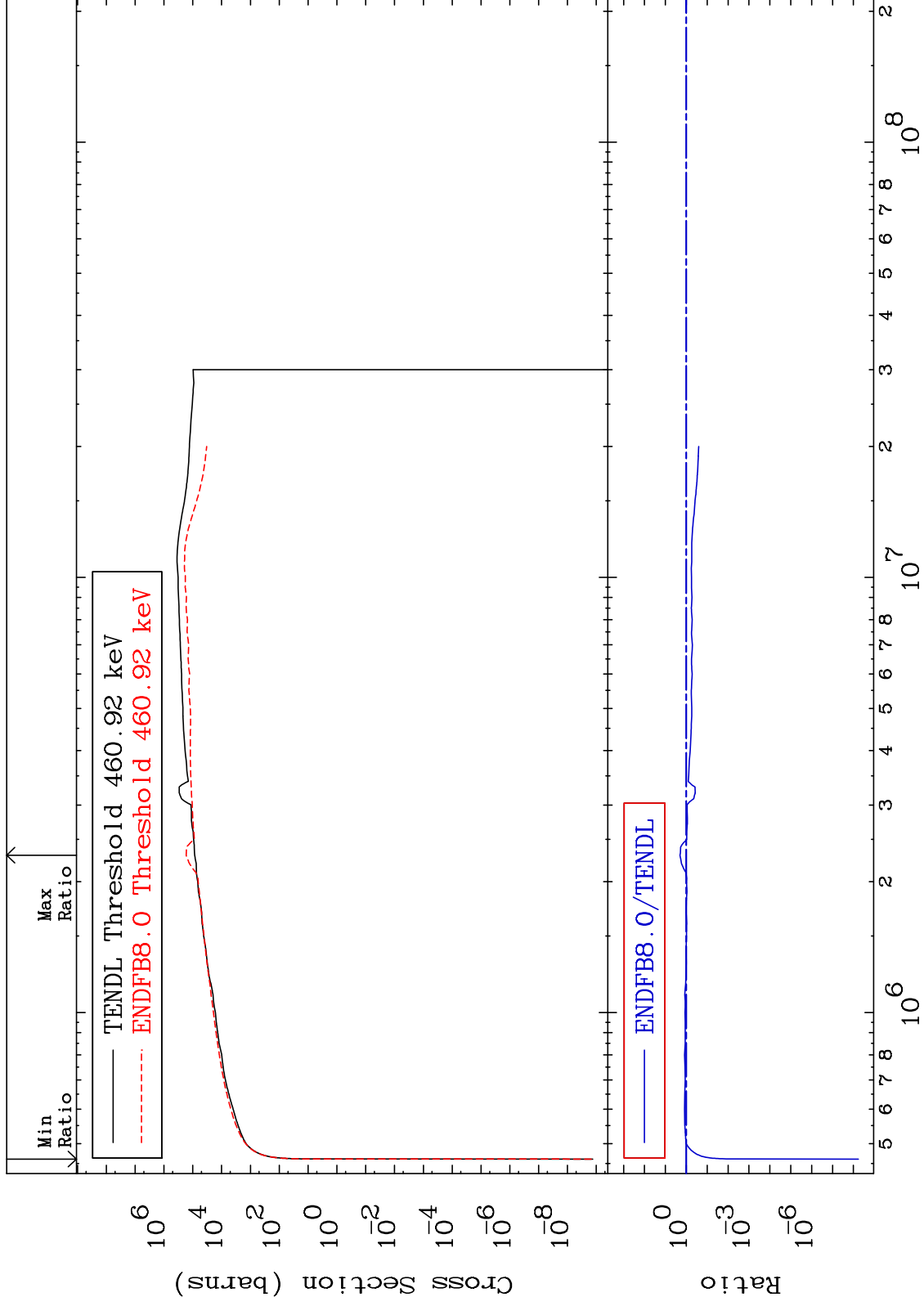
Incident Energy (eV)

36-Kr-78

MAT 3625

Kerma inelastic (mt51-91)
Cross Section

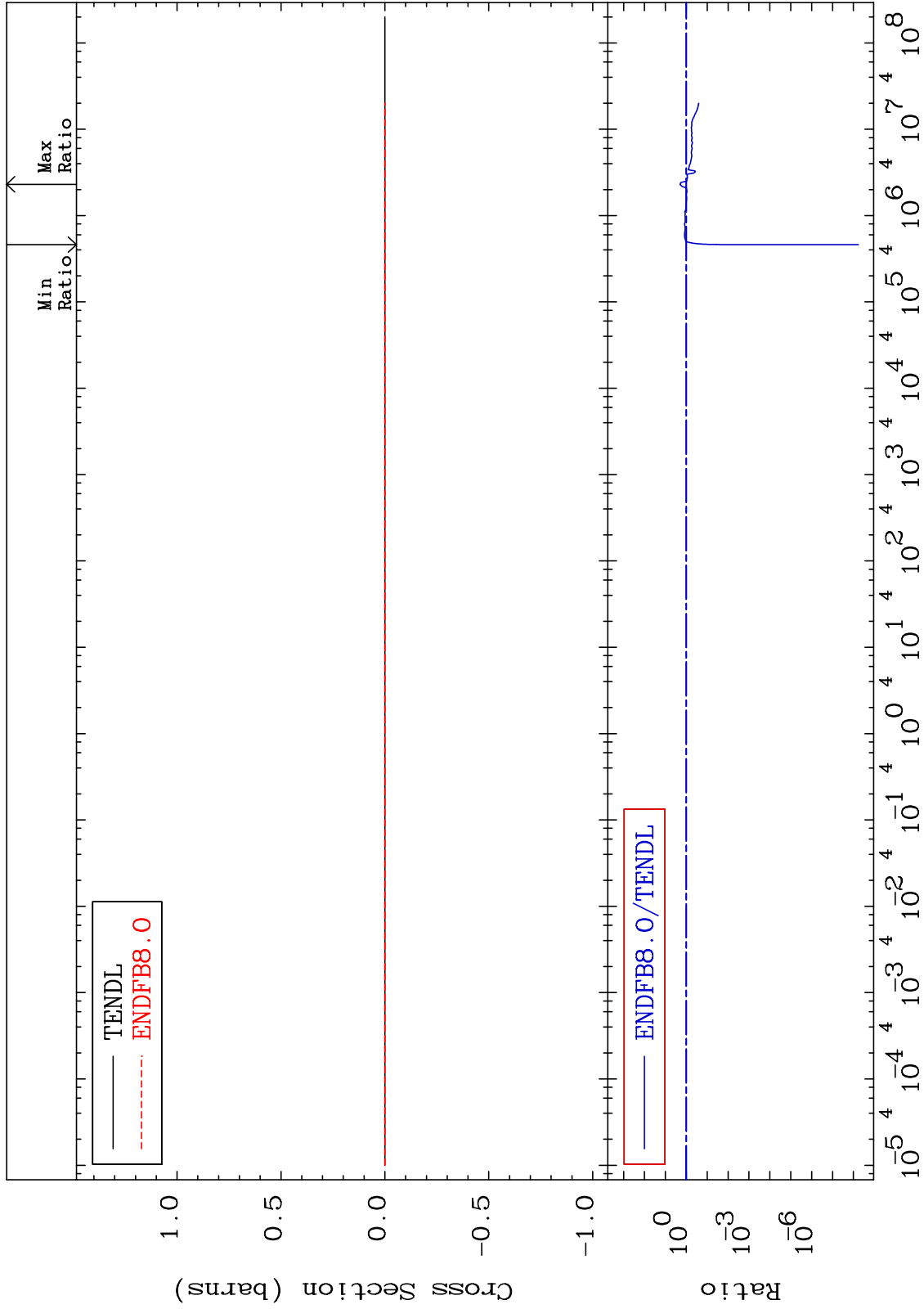
36-Kr-78
-100.0 To 99.18 %



MAT 3625

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

36-Kr-78
-100.0 To 99.18 %



39

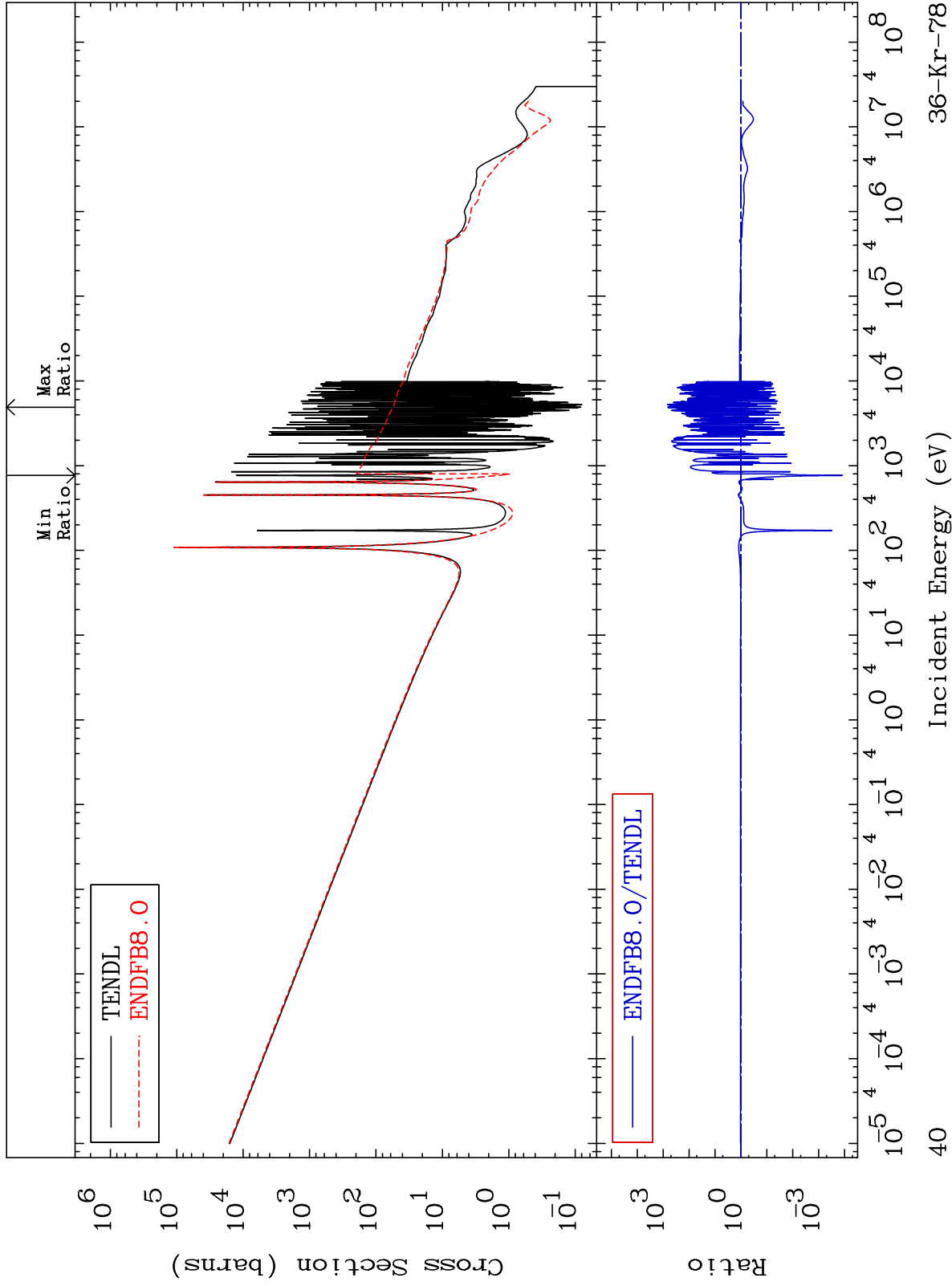
Incident Energy (eV)

36-Kr-78

MAT 3625

Kerma capture (mt102)
Cross Section

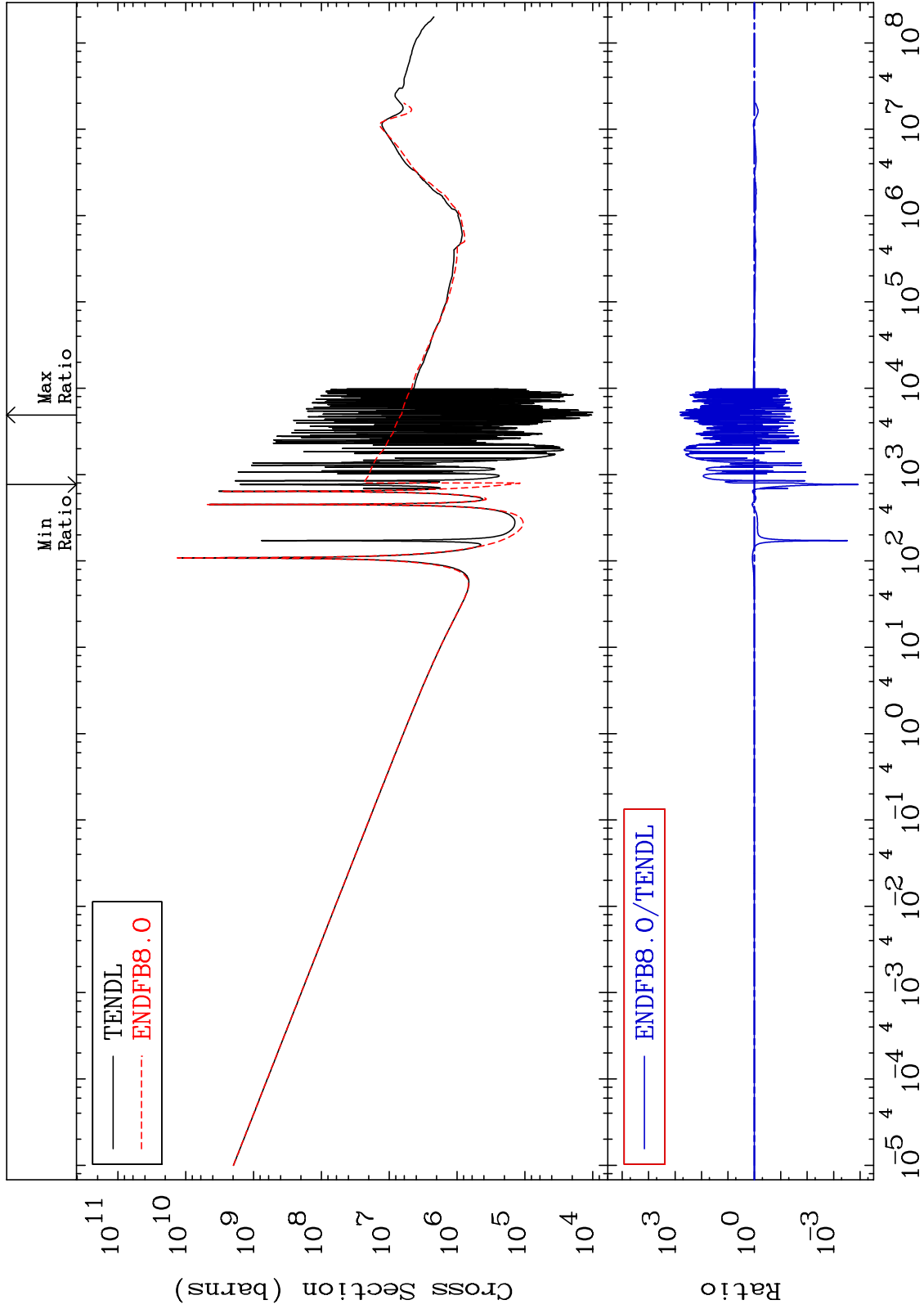
36-Kr-78
-99.99 To 9999. %



MAT 3625

Total photon (eV-barns)
Cross Section

36-Kr-78
-99.99 To 9999. %



41

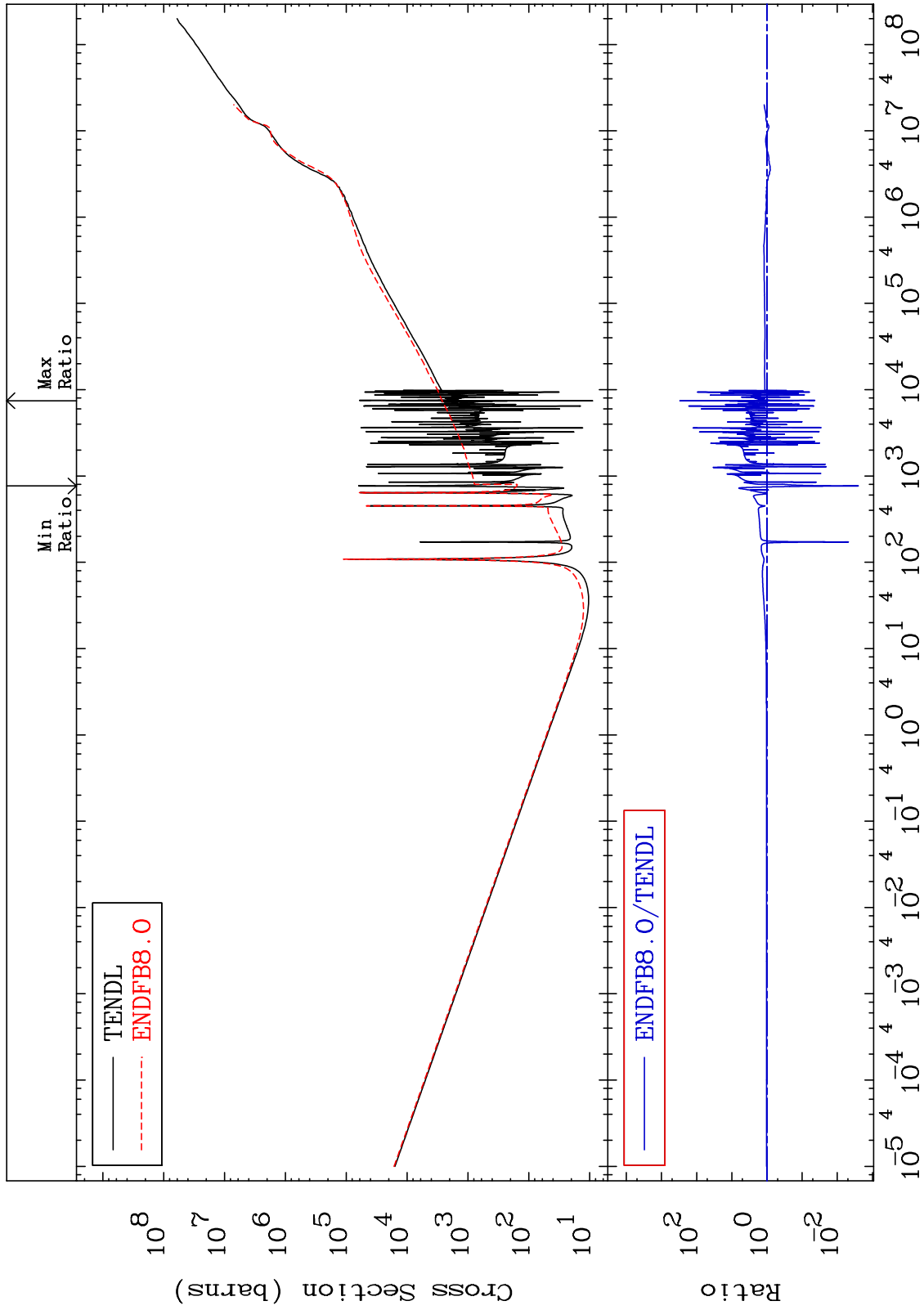
Incident Energy (eV)

36-Kr-78

MAT 3625

Total kinematic kerma (high limit)
Cross Section

36-Kr-78
-99.75 To 9999. %



42

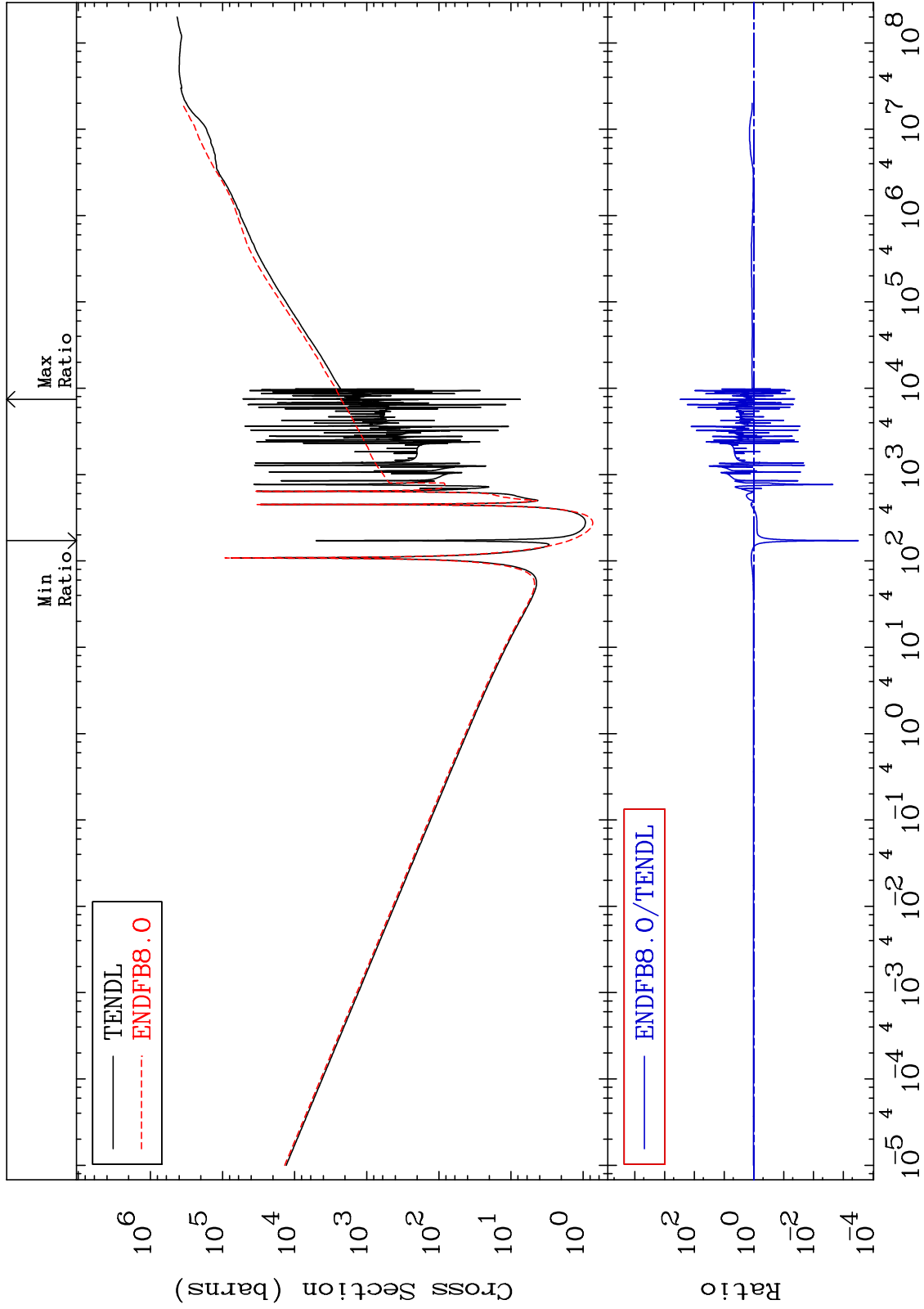
Incident Energy (eV)

36-Kr-78

MAT 3625

Dpa total (eV-barns)
Cross Section

36-Kr-78
-99.97 To 9999. %



43

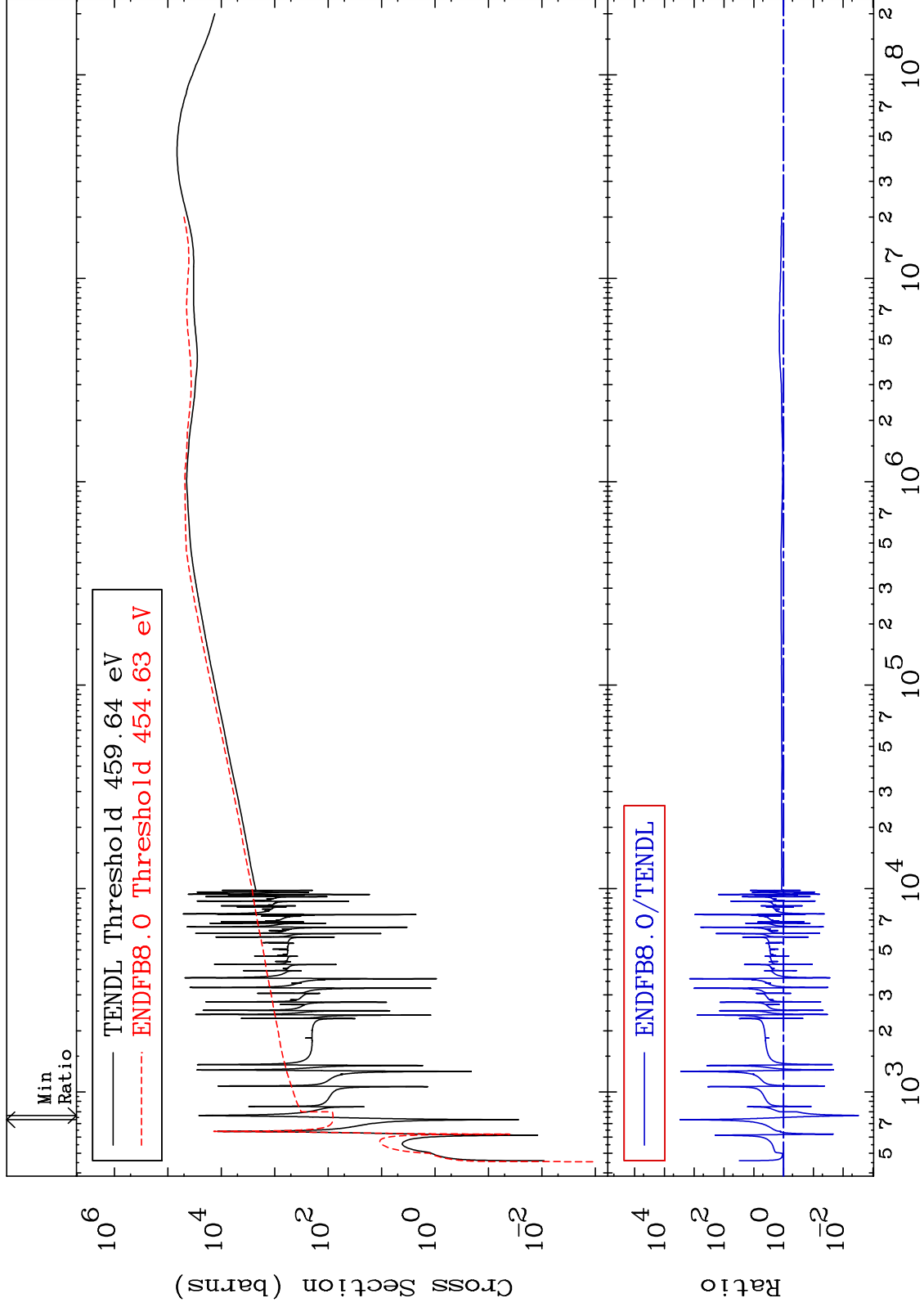
Incident Energy (eV)

36-Kr-78

MAT 3625

Dpa elastic (mt2)
Cross Section

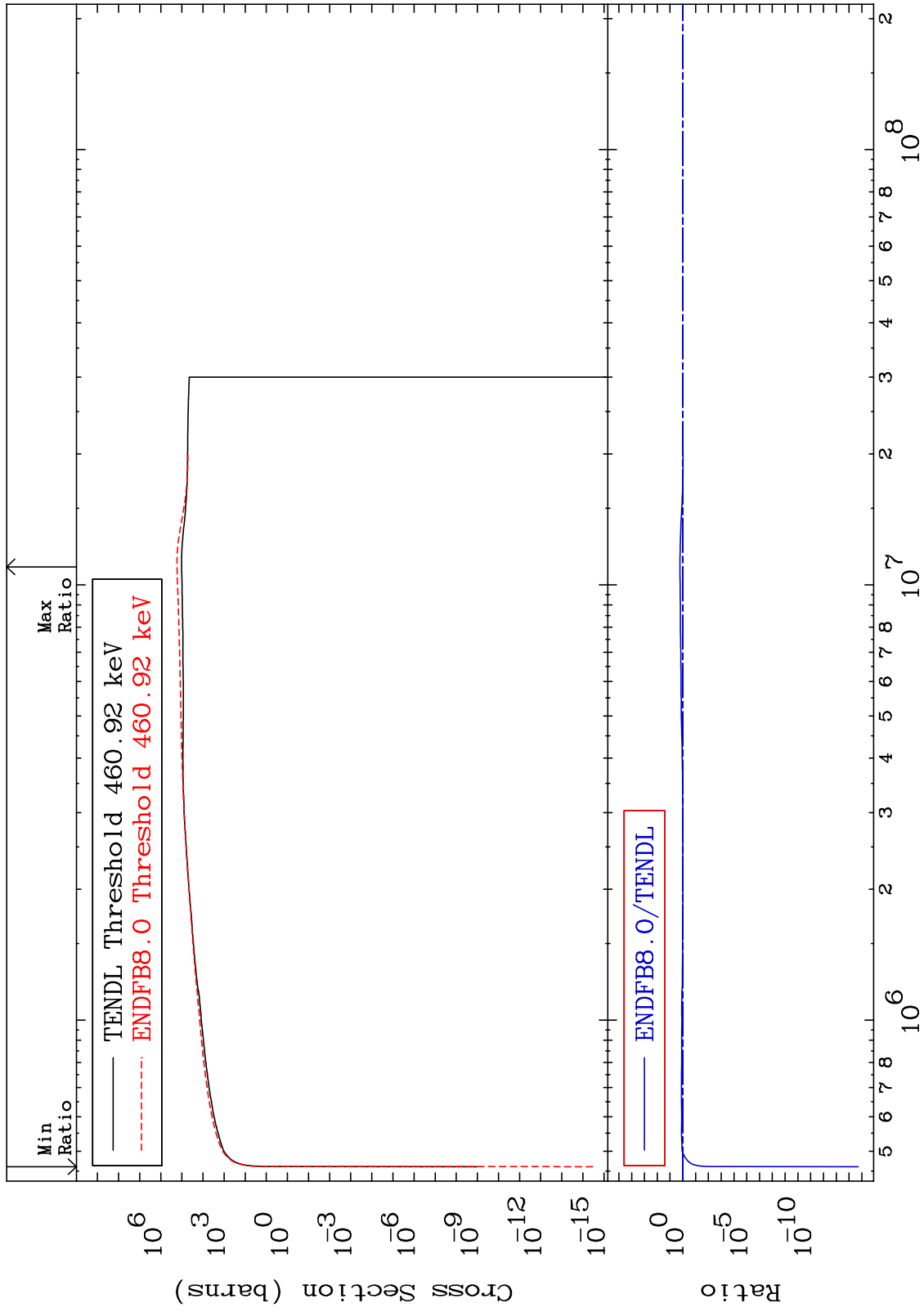
36-Kr-78
-99.69 To 9999. %



MAT 3625

Dpa inelastic (mt51-91)
Cross Section

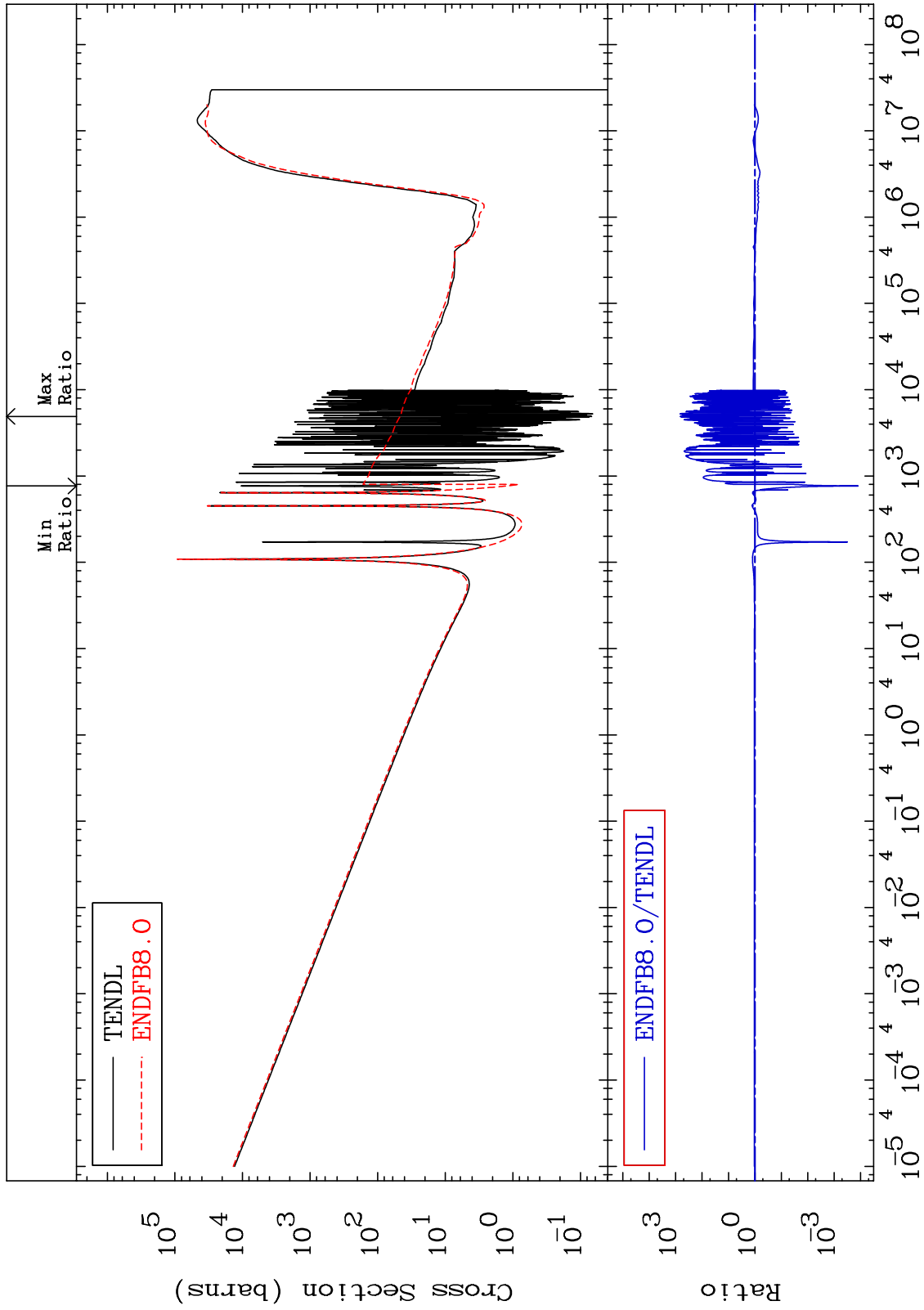
36-Kr-78
-100.0 To 64.81 %



MAT 3625

Dpa disappearance (mt102 -120)
Cross Section

36-Kr-78
-99.99 To 9999. %



46

Incident Energy (eV)

36-Kr-78