

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

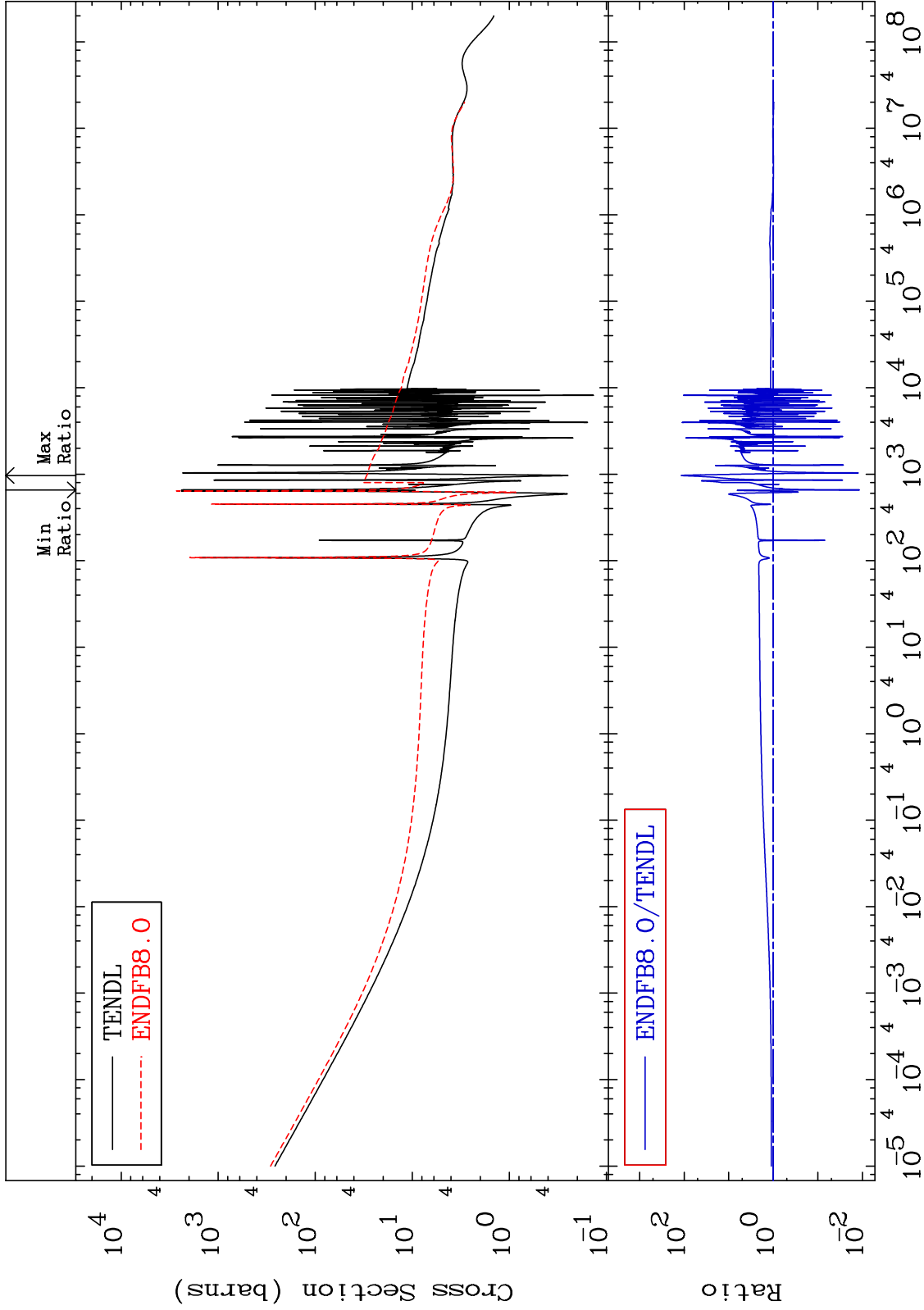
MAT 3625

Total

36-Kr-78

Cross Section

-98.84 To 9999. %



1

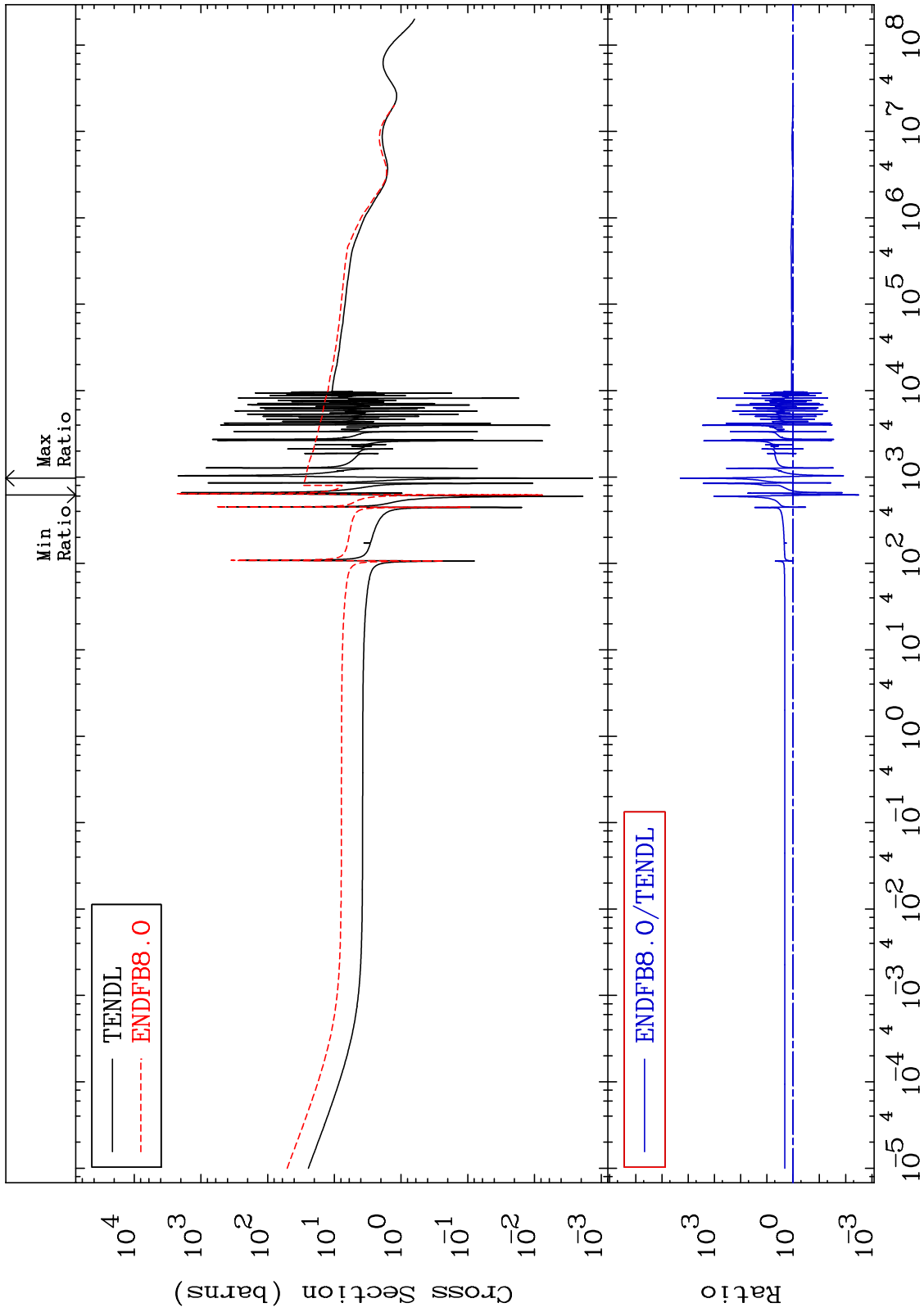
Incident Energy (eV)

36-Kr-78

MAT 3625

Elastic
Cross Section

36-Kr-78
-99.69 To 9999. %

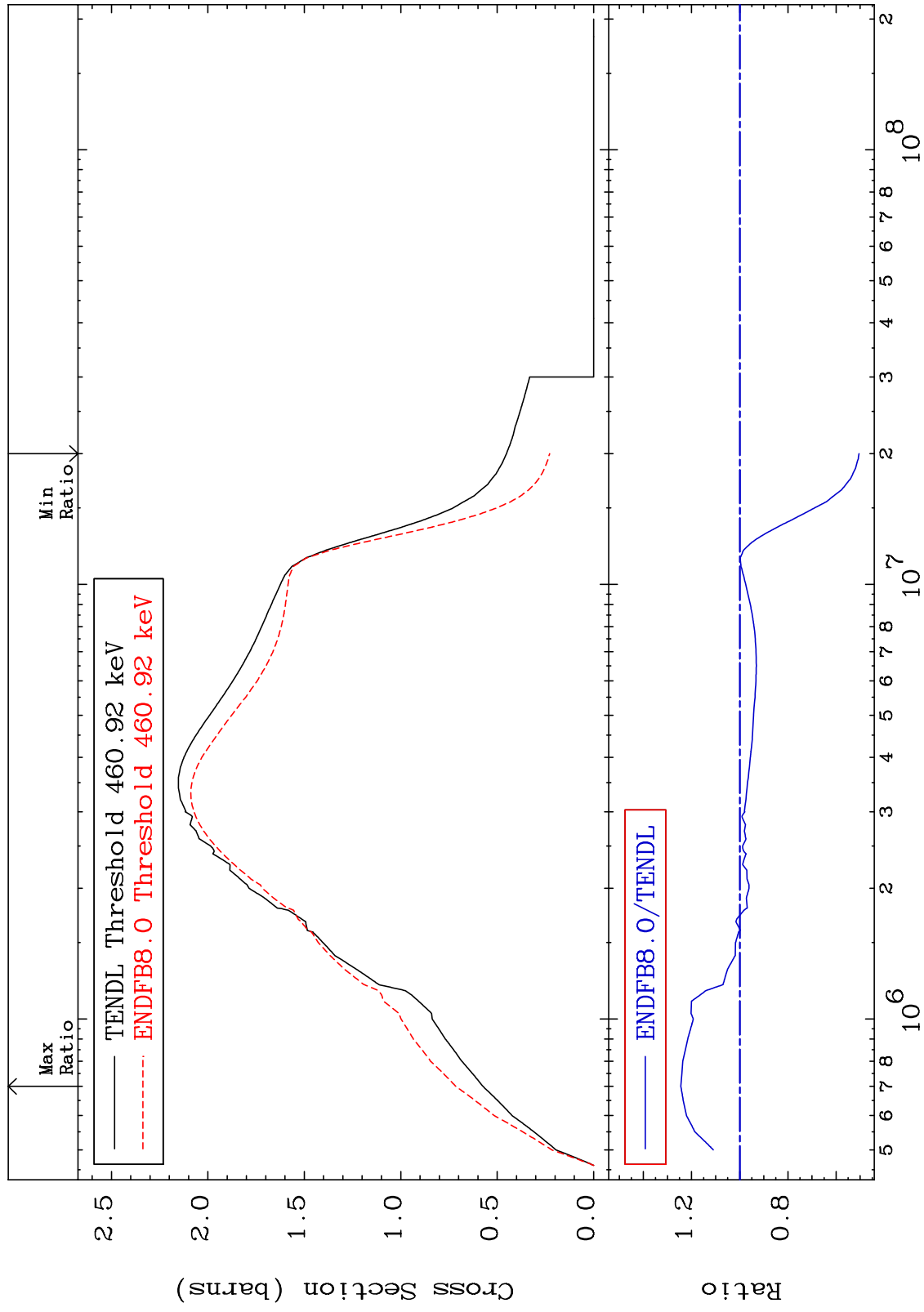


2

Incident Energy (eV)

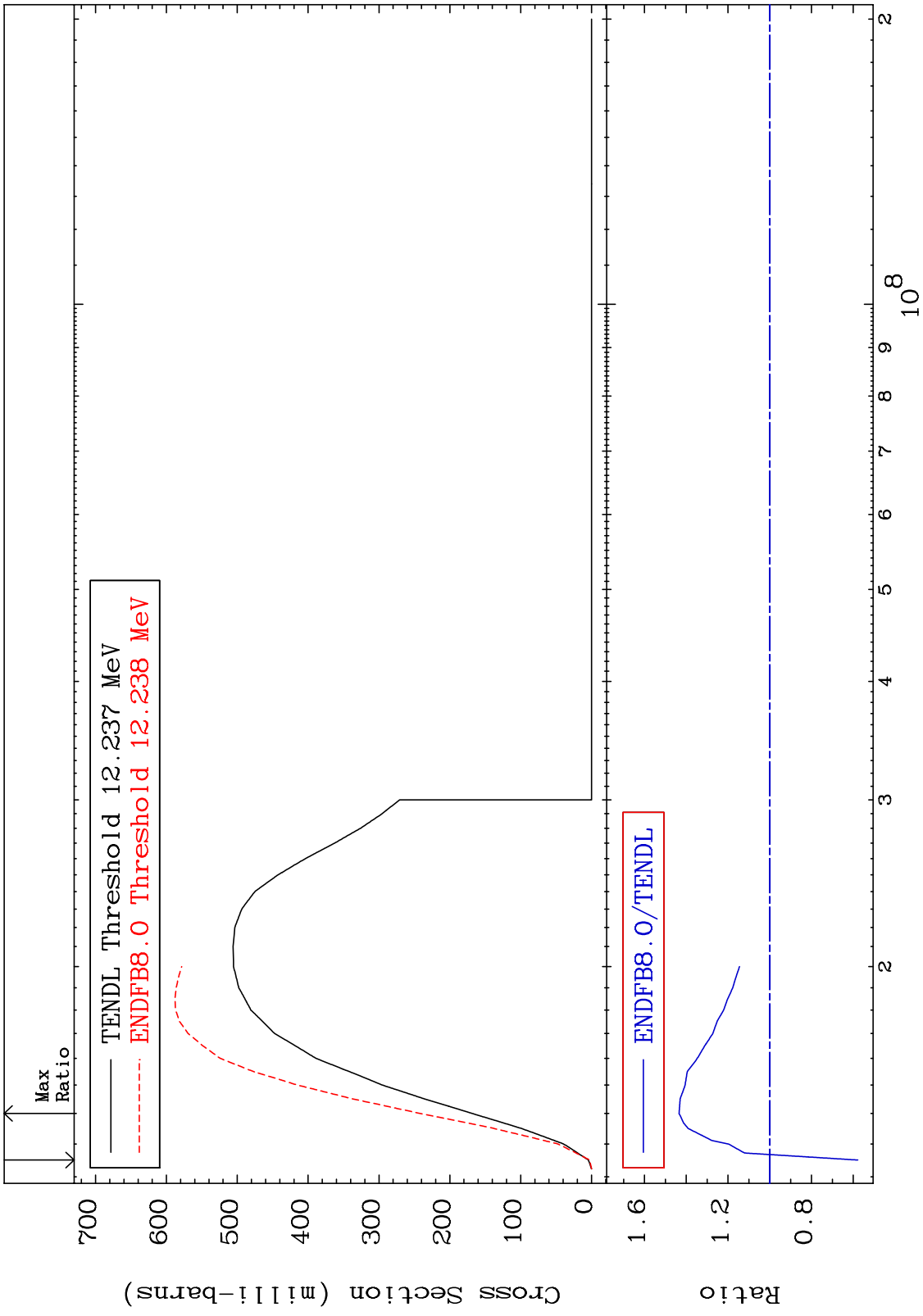
36-Kr-78

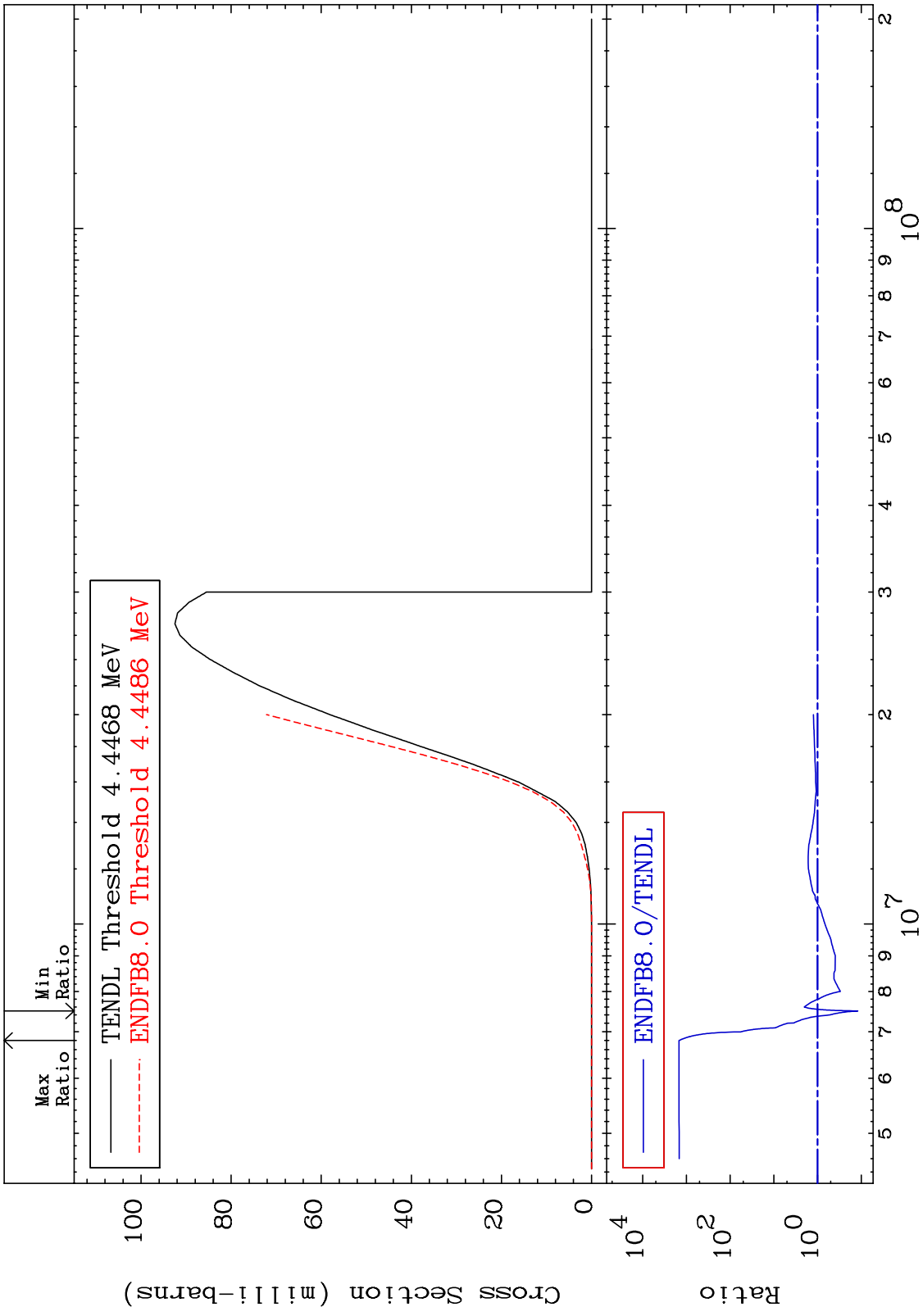
MAT 3625 Inelastic Cross Section 36-Kr-78 -49.52 To 24.45 %



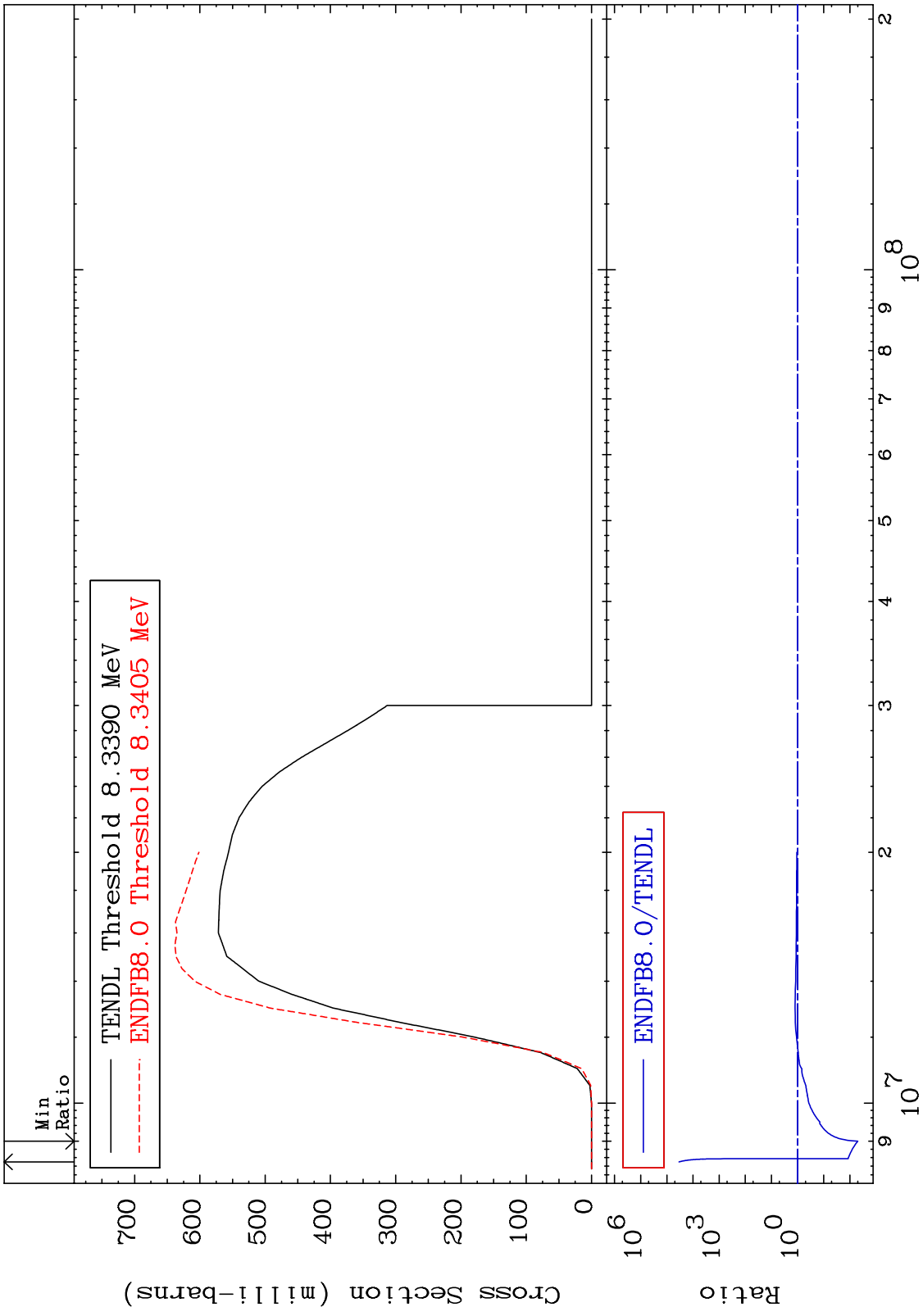
3 36-Kr-78

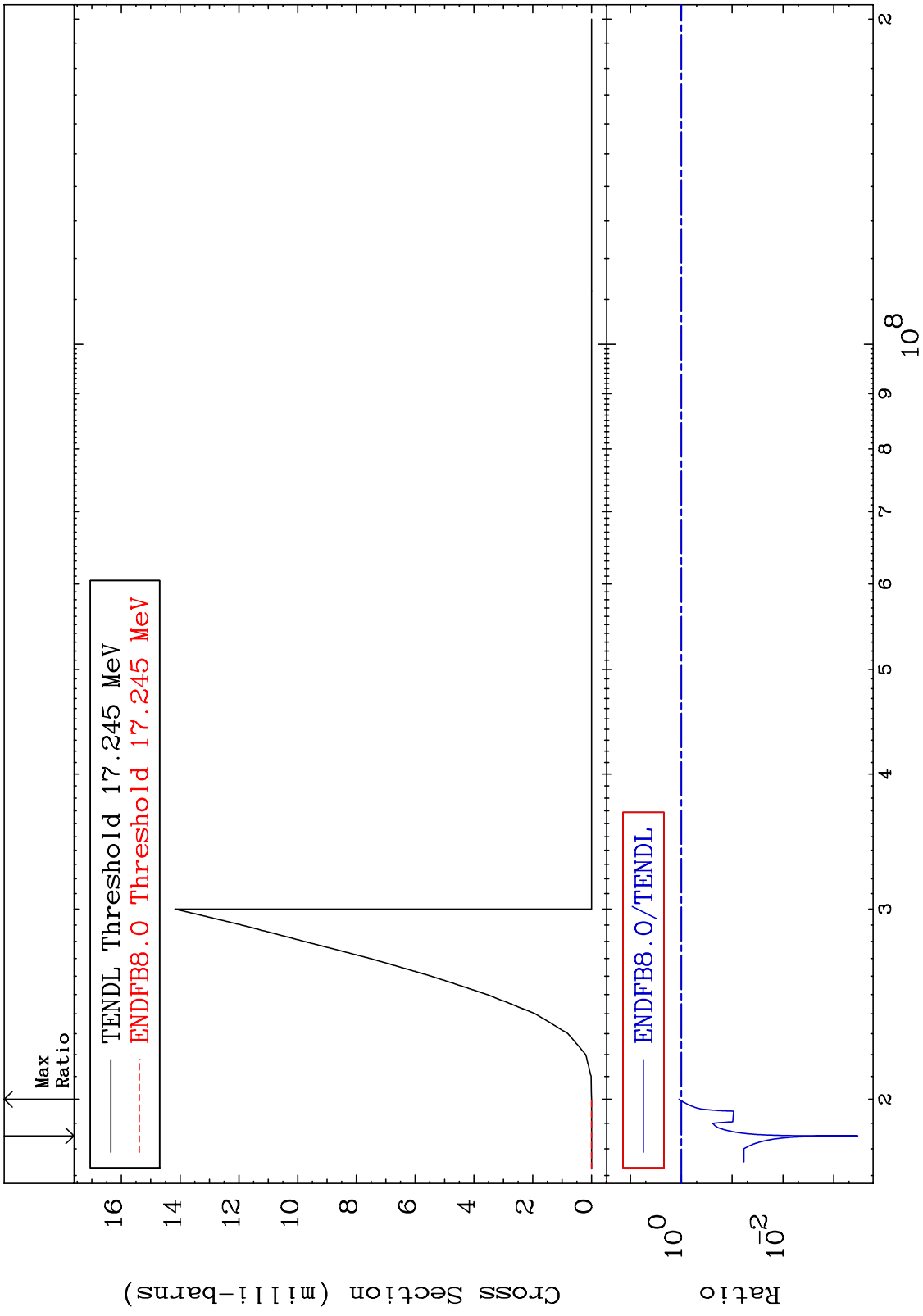
MAT 3625 (n,2n) Cross Section 36-Kr-78
 -42.18 To 43.47 %





MAT 3625 (n,n') p 36-Kr-78
Cross Section -99.50 To 9999. %

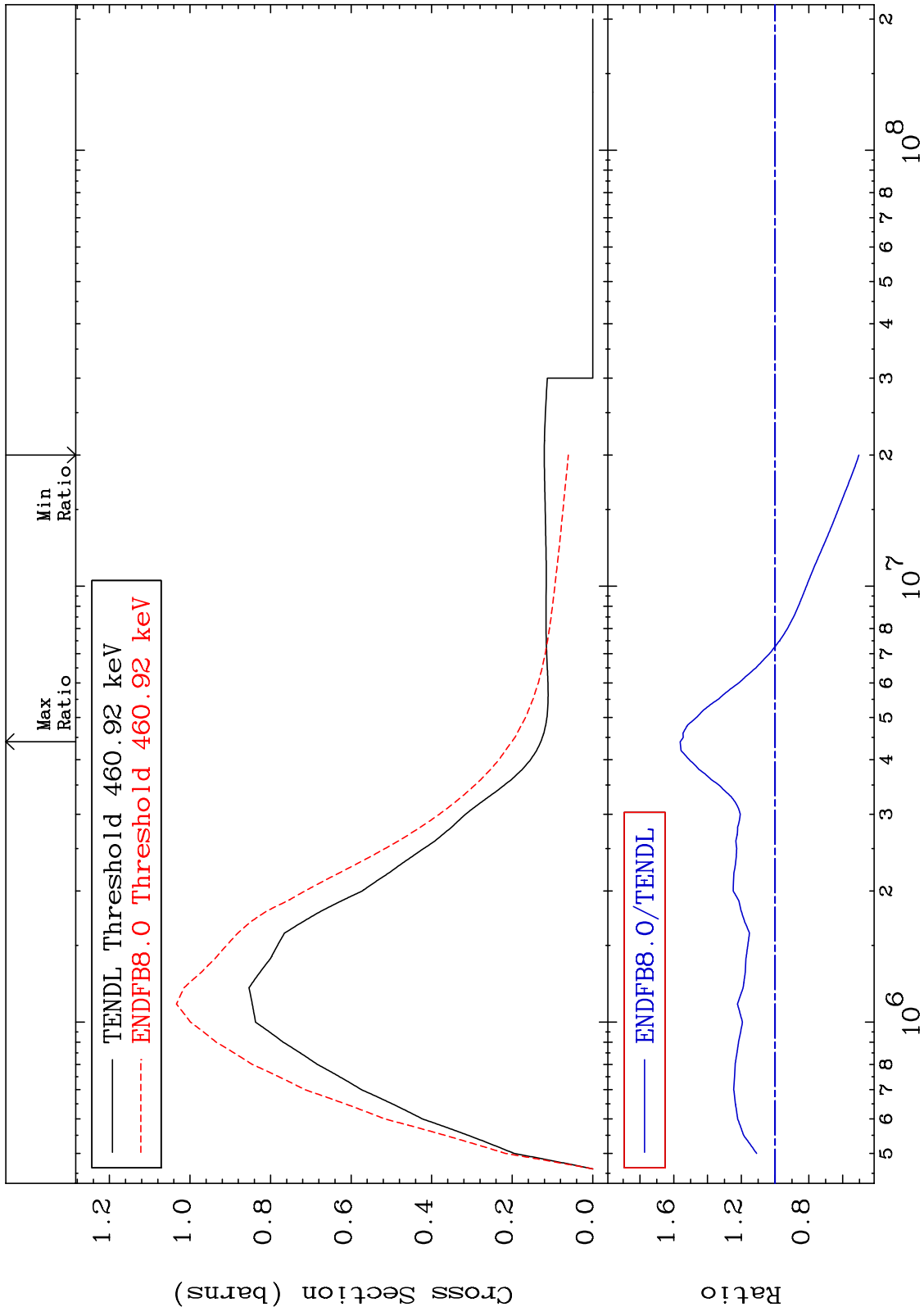




MAT 3625

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

36-Kr-78
-49.64 To 56.16 %

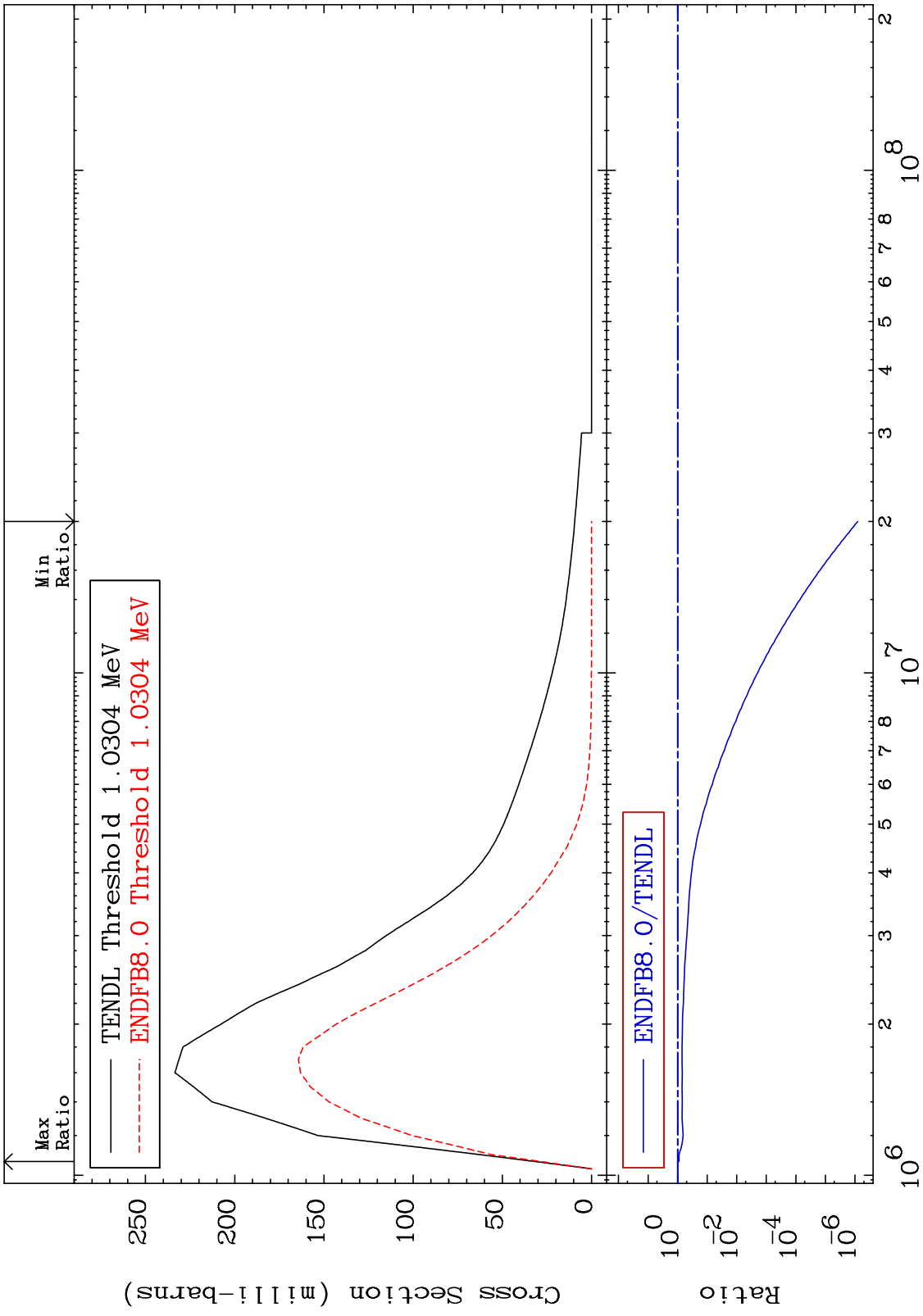


8

Incident Energy (eV)

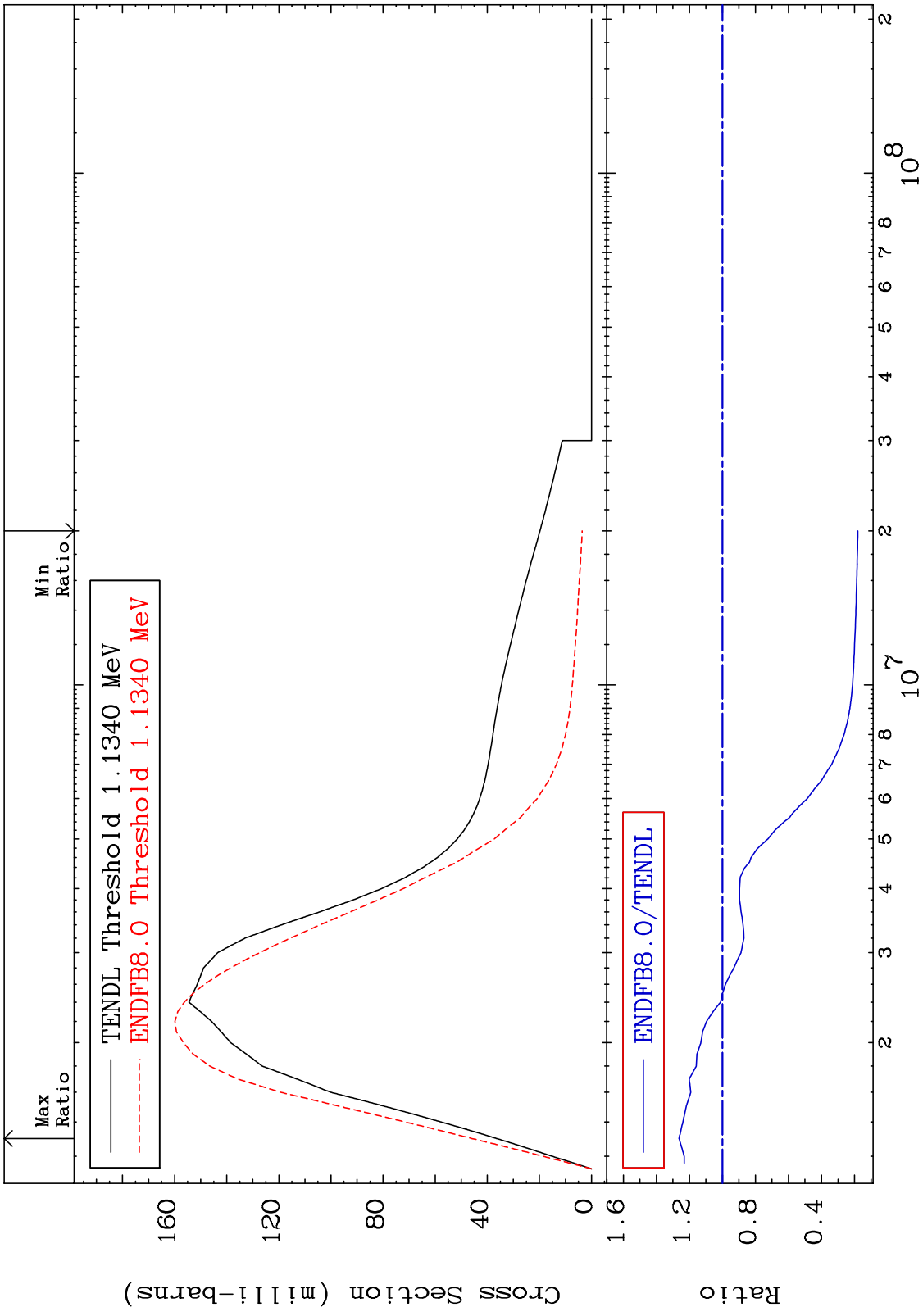
36-Kr-78

MAT 3625 MT= 52 (n,n') Level Cross Section -100.0 To -10.48% 36-Kr-78

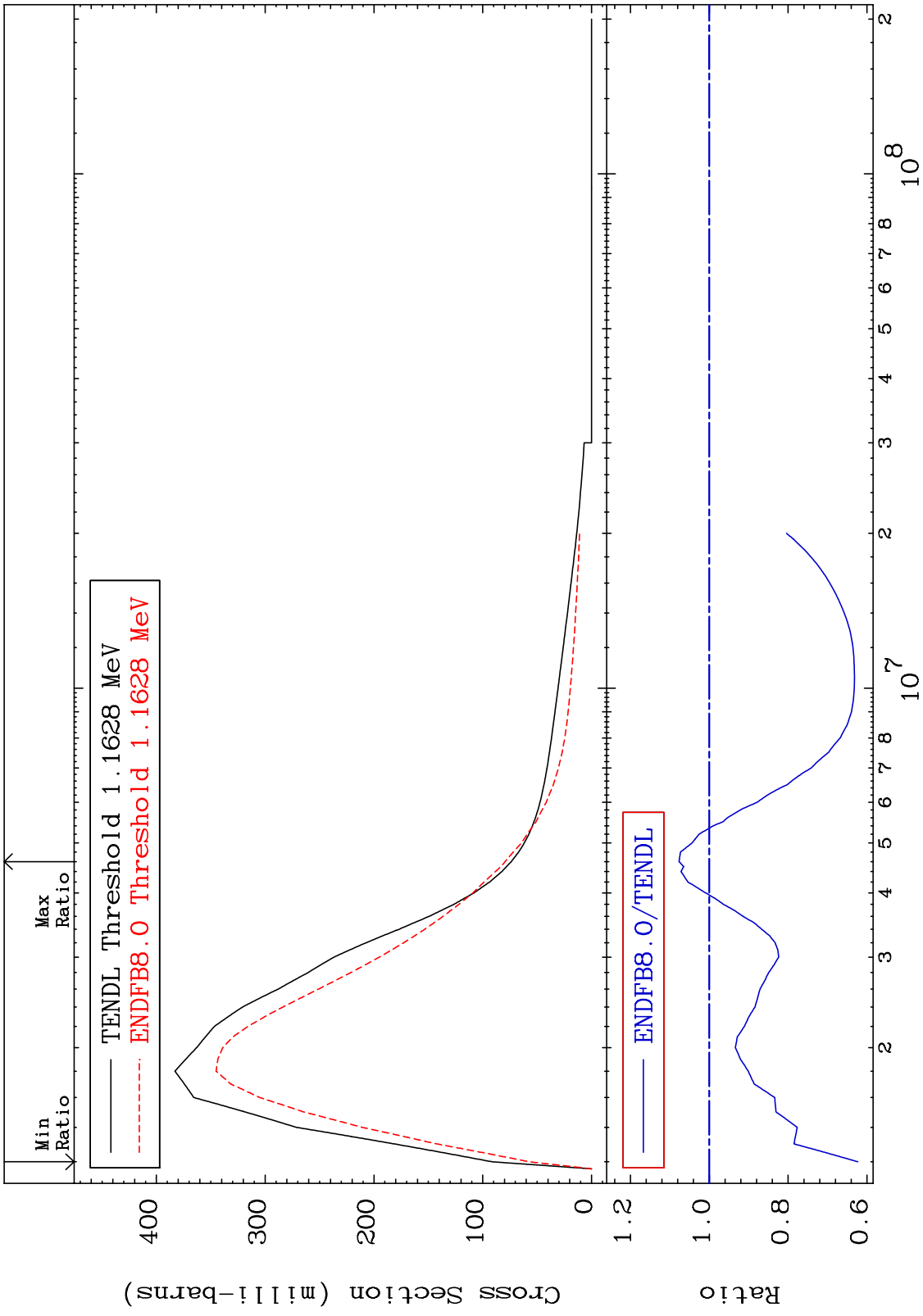


Incident Energy (eV) 36-Kr-78

MAT 3625 MT= 53 (n,n') Level Cross Section -82.01 To 26.30 % 36-Kr-78



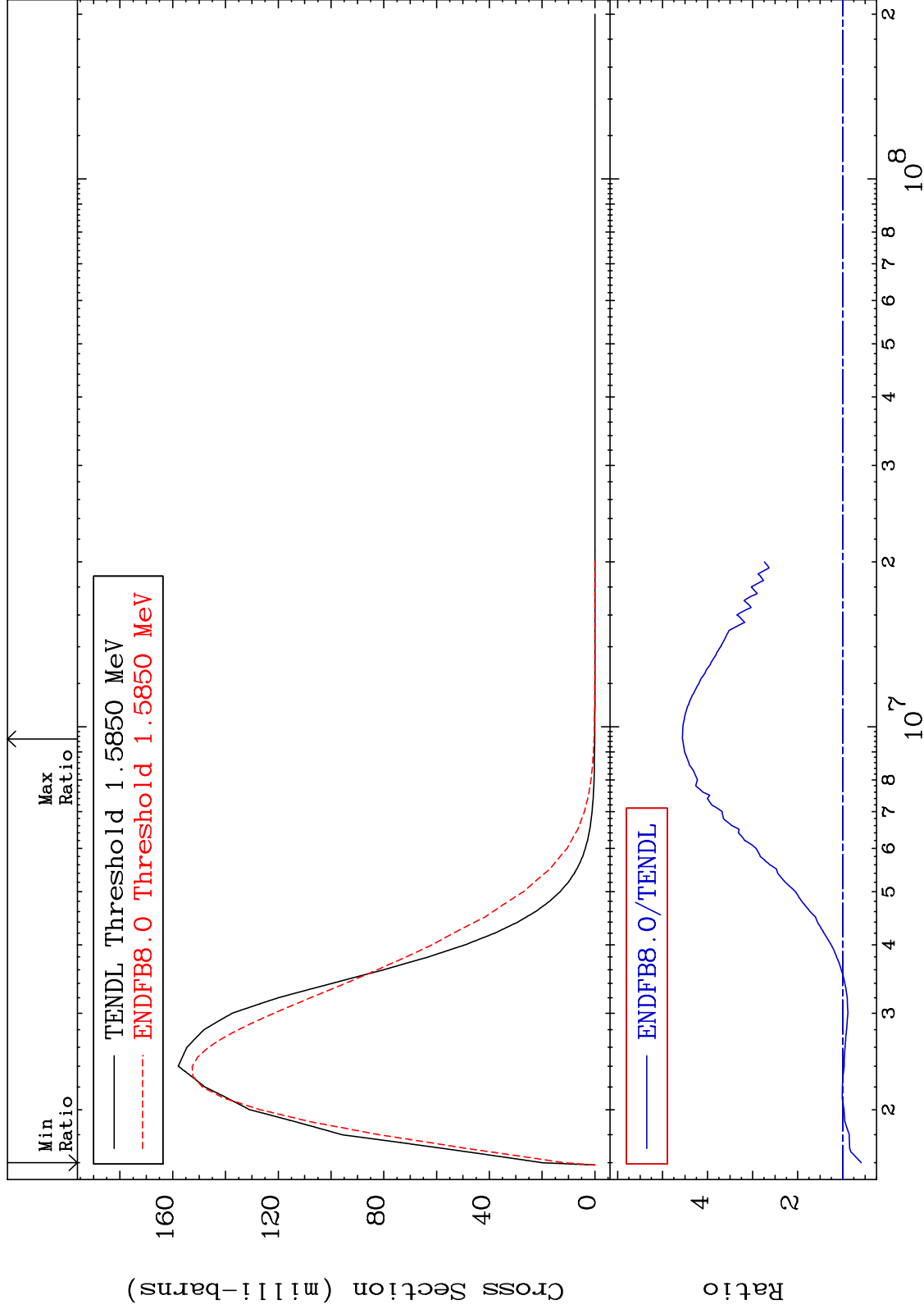
MAT 3625 MT= 54 (n,n') Level Cross Section -37.67 To 7.663 % 36-Kr-78



MAT 3625

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

36-Kr-78
-41.41 To 355.9 %

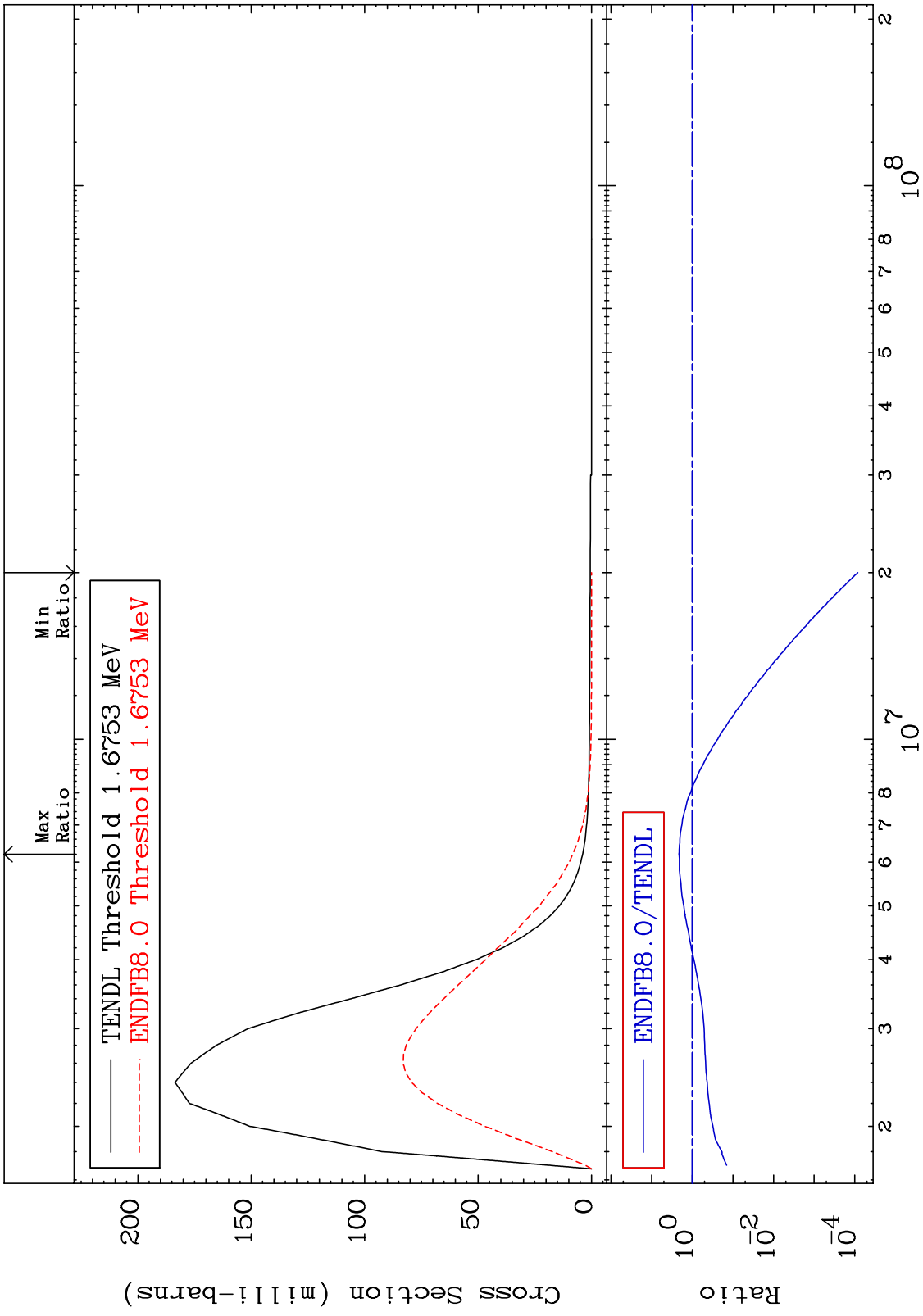


12

Incident Energy (eV)

36-Kr-78

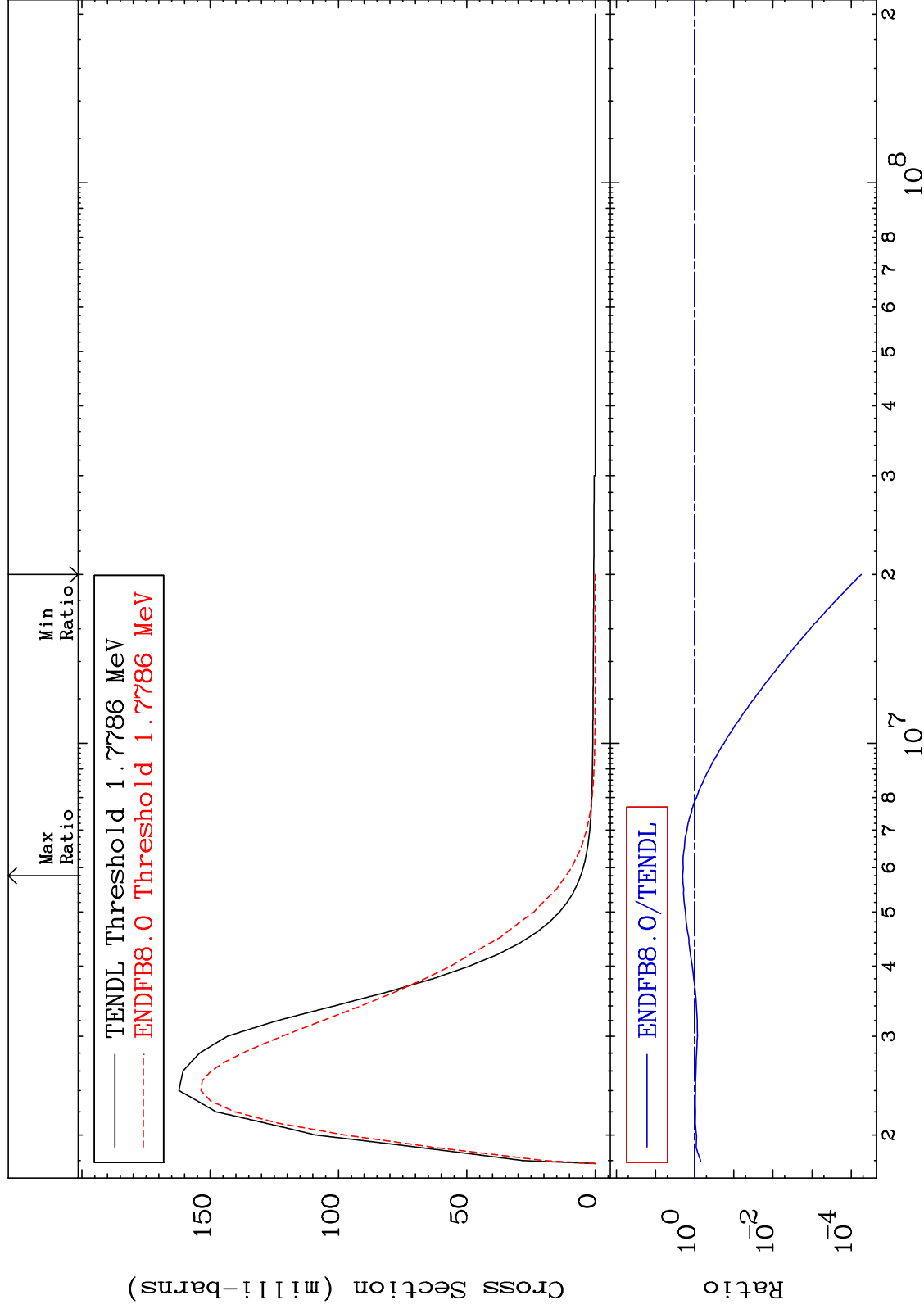
MAT 3625 MT= 56 (n,n') Level Cross Section 36-Kr-78
 -99.99 To 112.0 %



MAT 3625

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

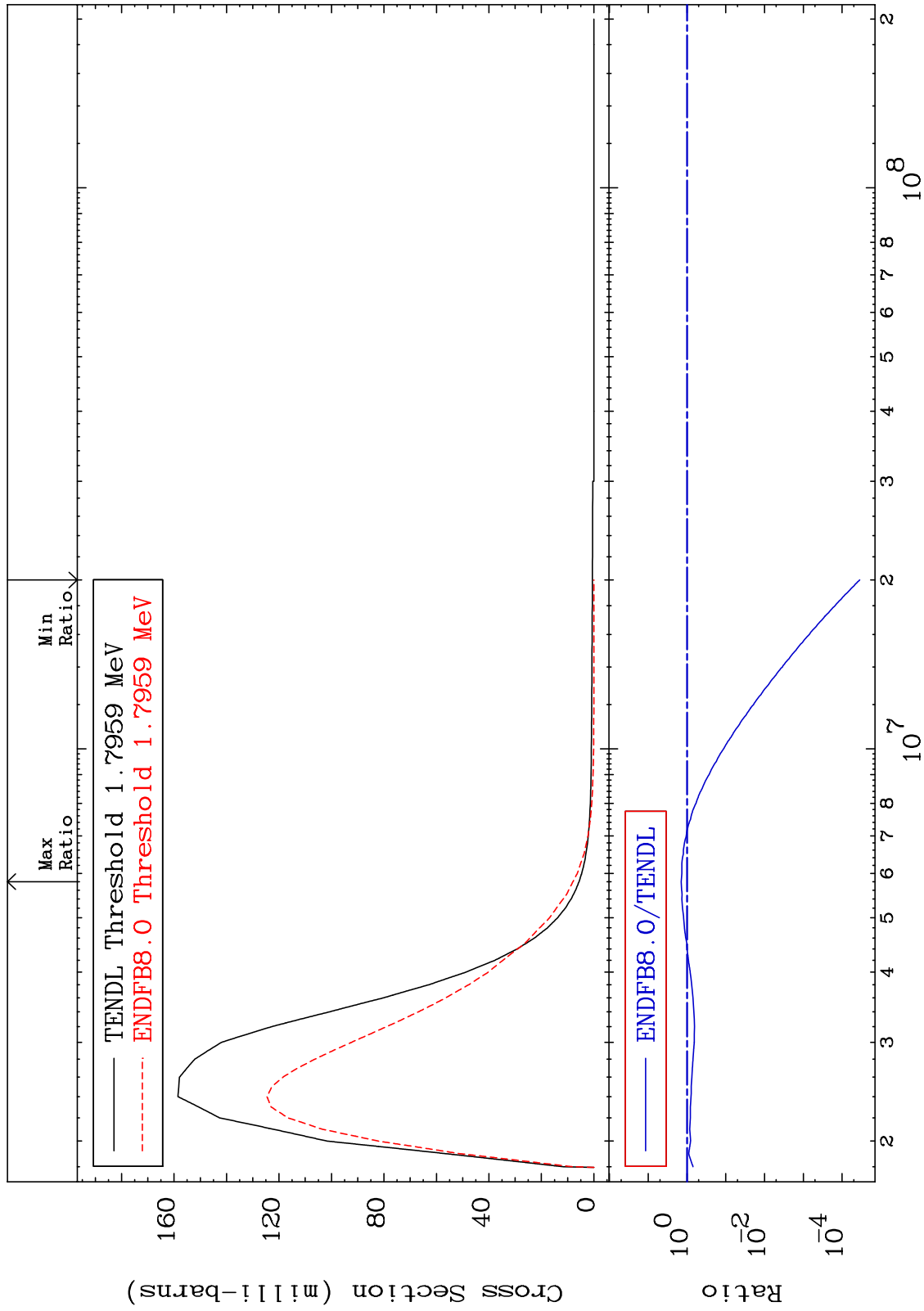
36-Kr-78
-99.99 To 102.2 %



MAT 3625

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

36-Kr-78
-100.0 To 40.74 %



15

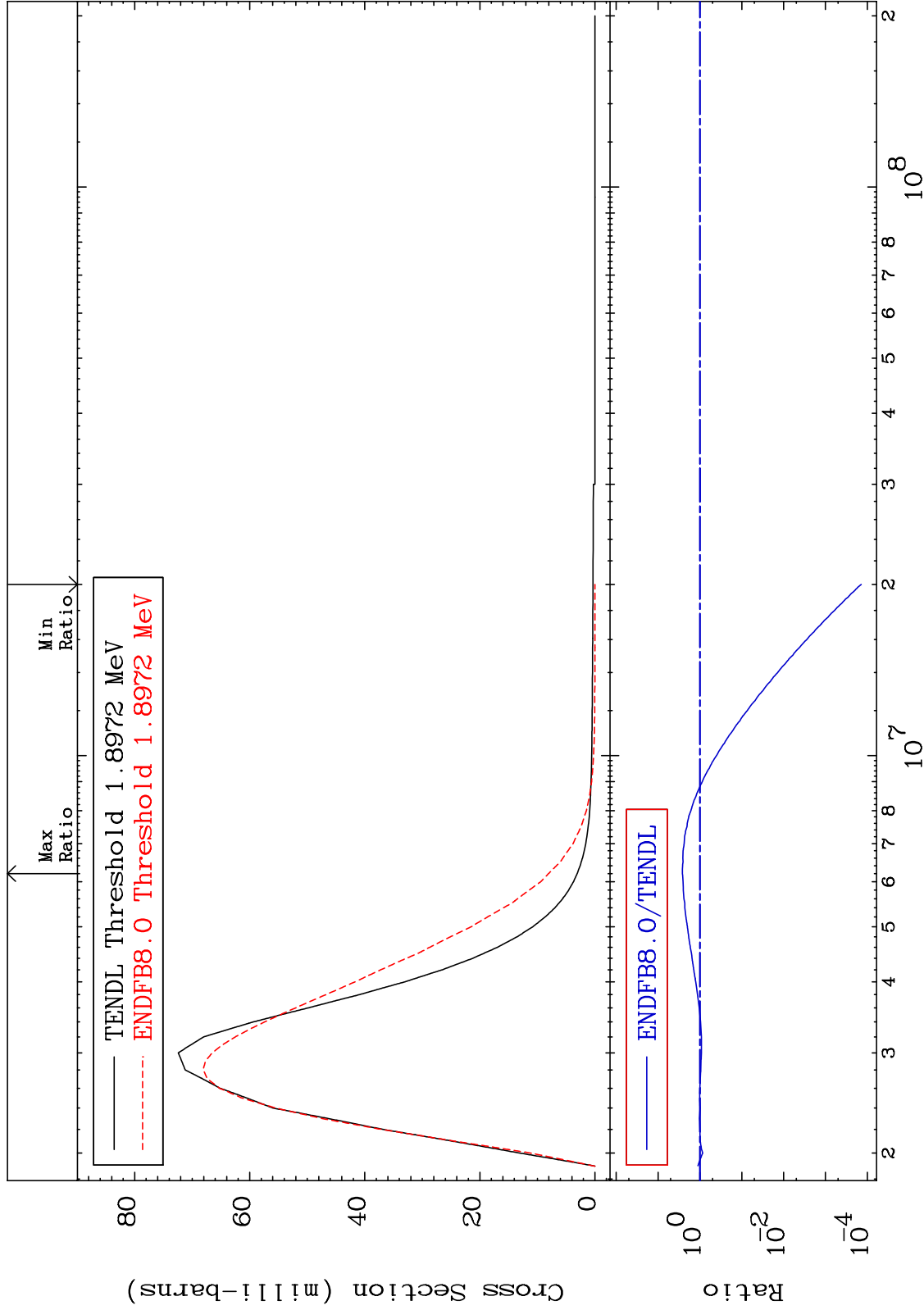
Incident Energy (eV)

36-Kr-78

MAT 3625

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

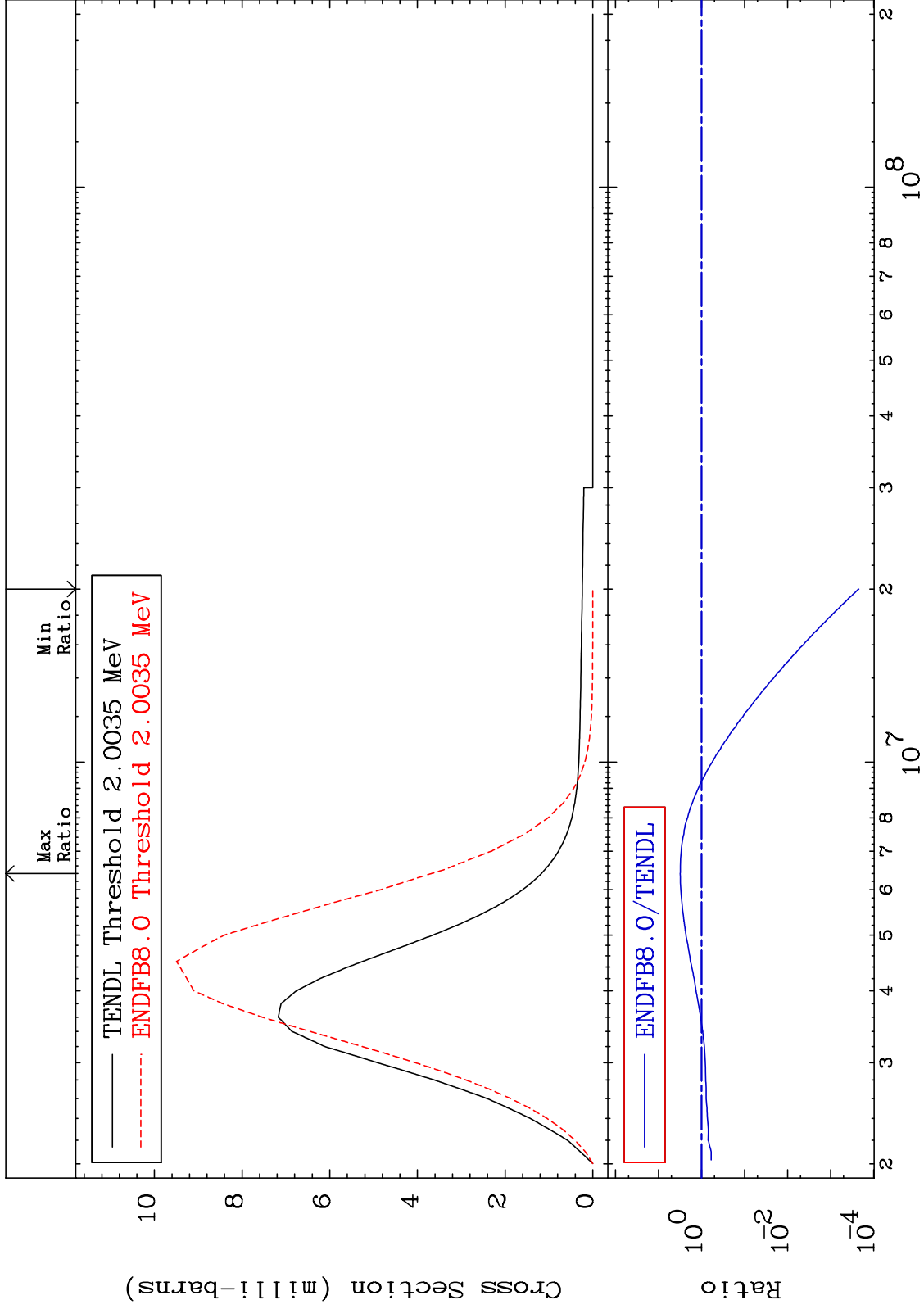
36-Kr-78
-99.99 To 161.3 %



MAT 3625

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

36-Kr-78
-99.98 To 213.8 %



17

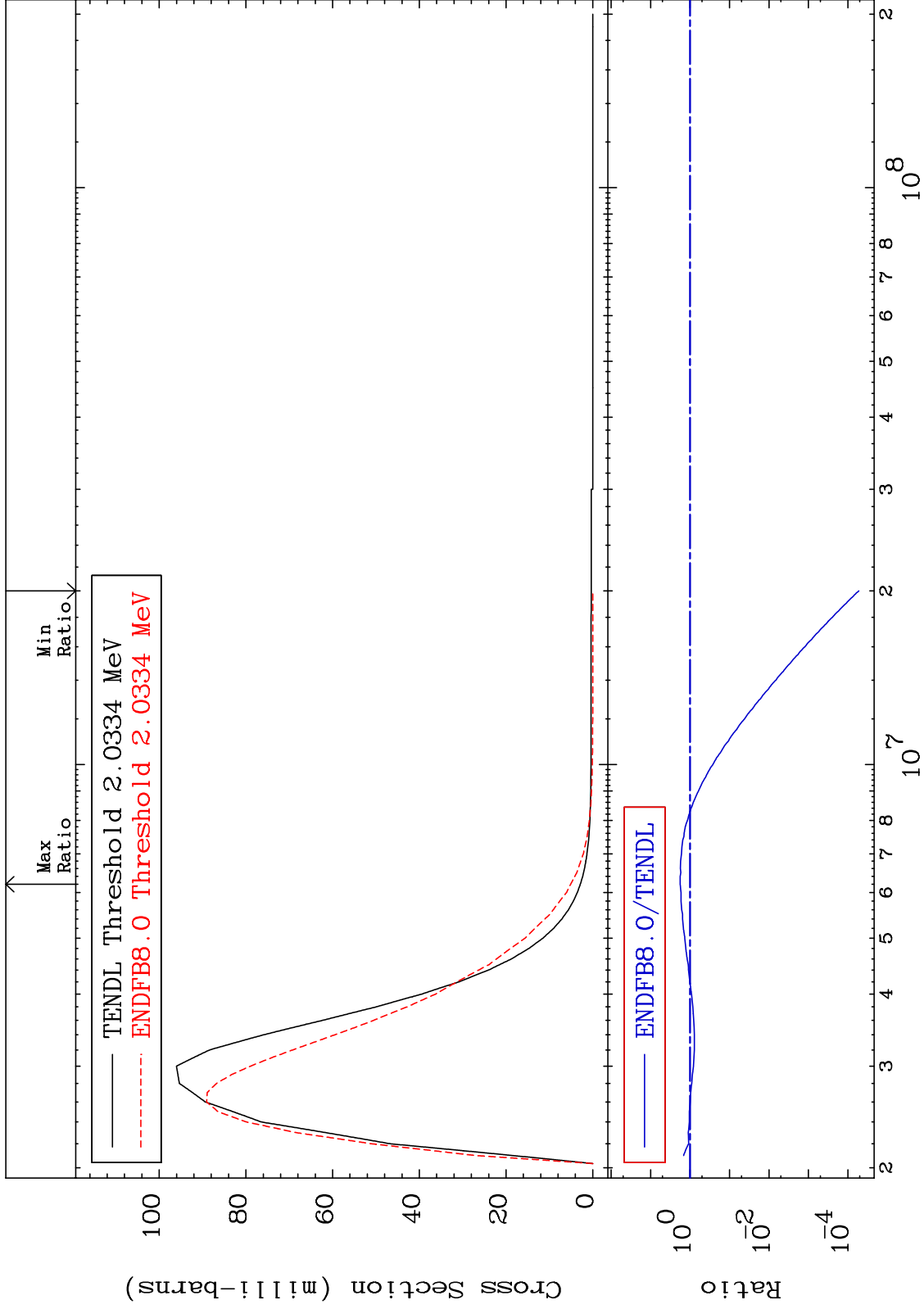
Incident Energy (eV)

36-Kr-78

MAT 3625

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

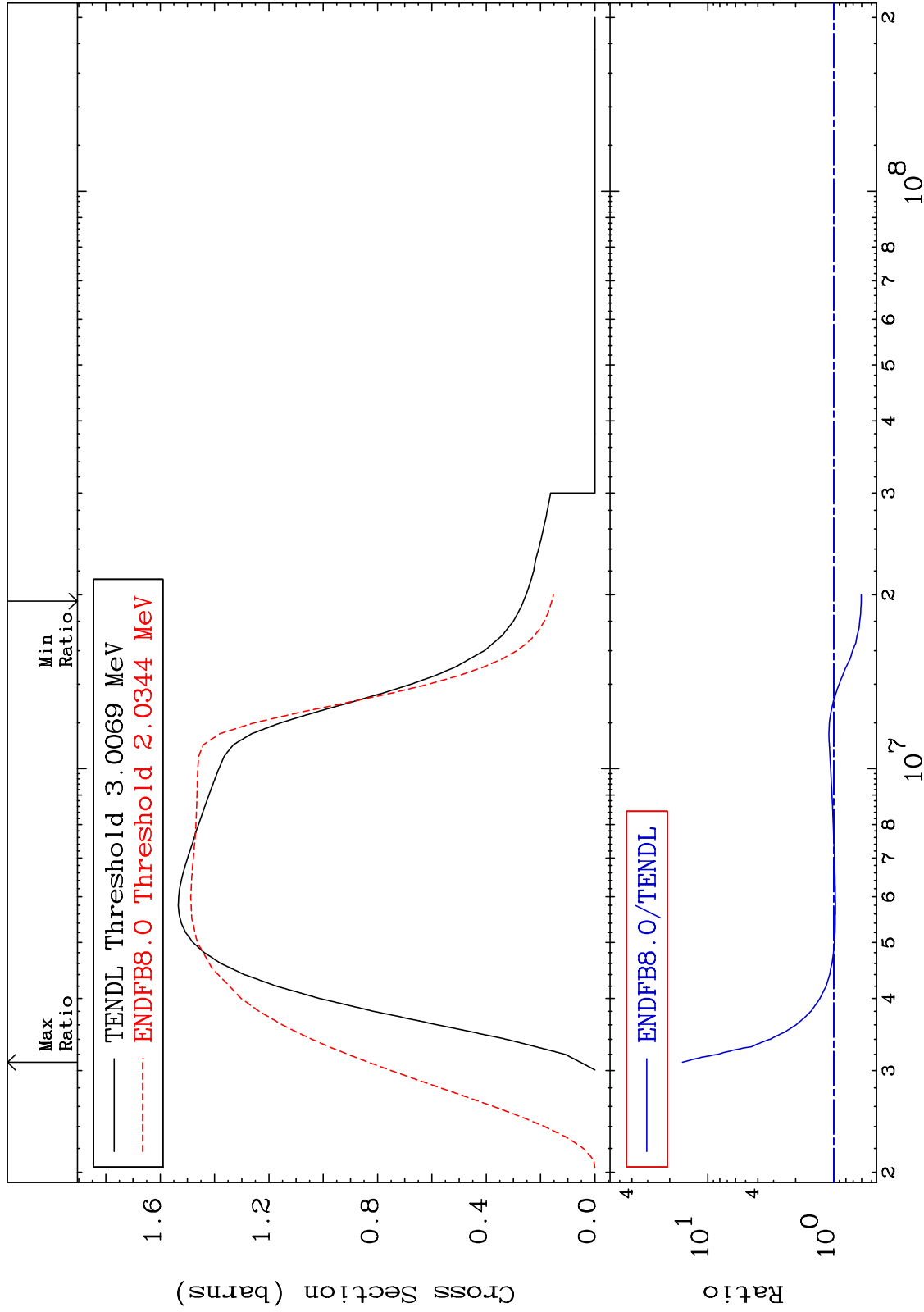
36-Kr-78
-99.99 To 77.89 %



MAT 3625

(n, n') Continuum
Cross Section

36-Kr-78
-39.64 To 1485. %



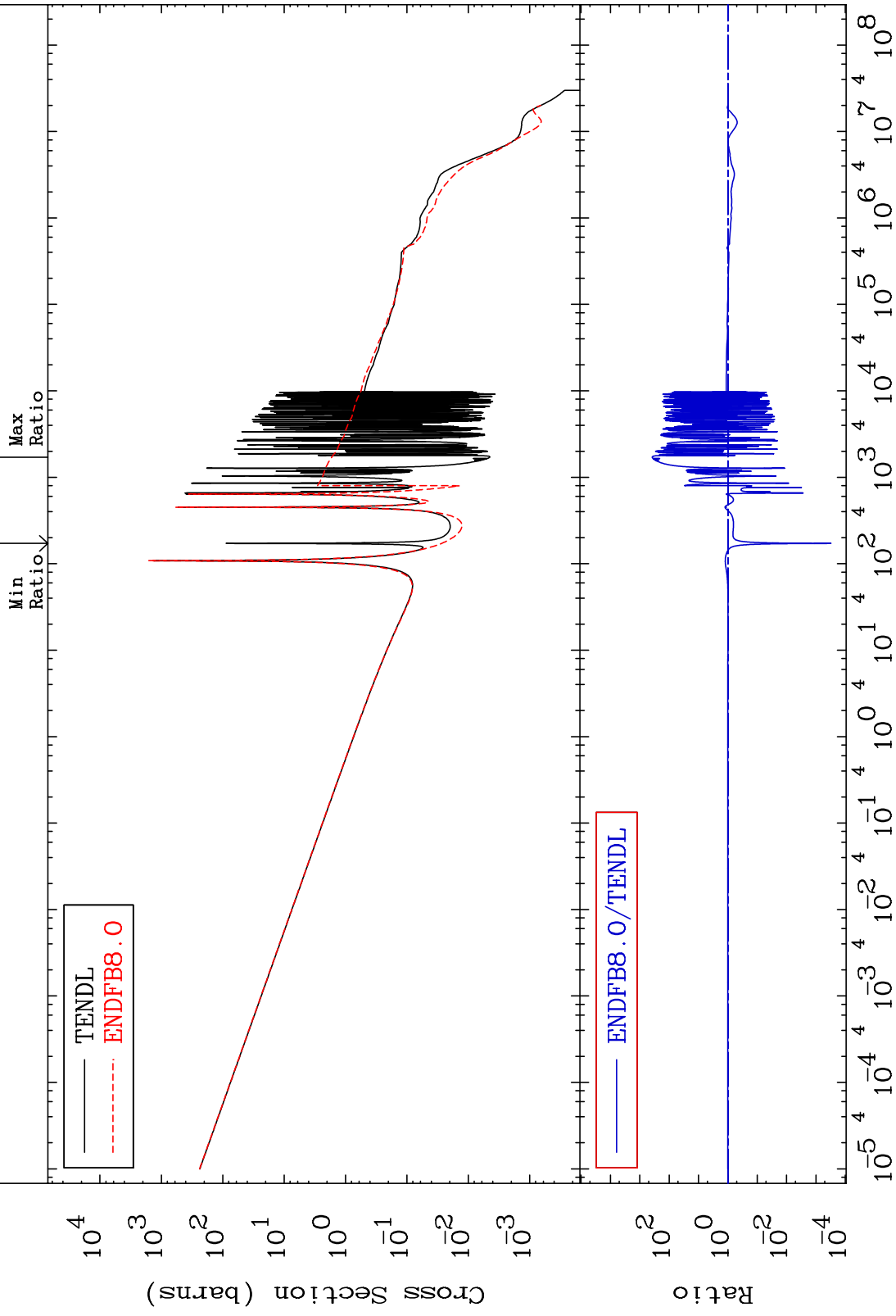
MAT 3625

(n, γ)

36-Kr-78

-99.97 To 9999. %

Cross Section



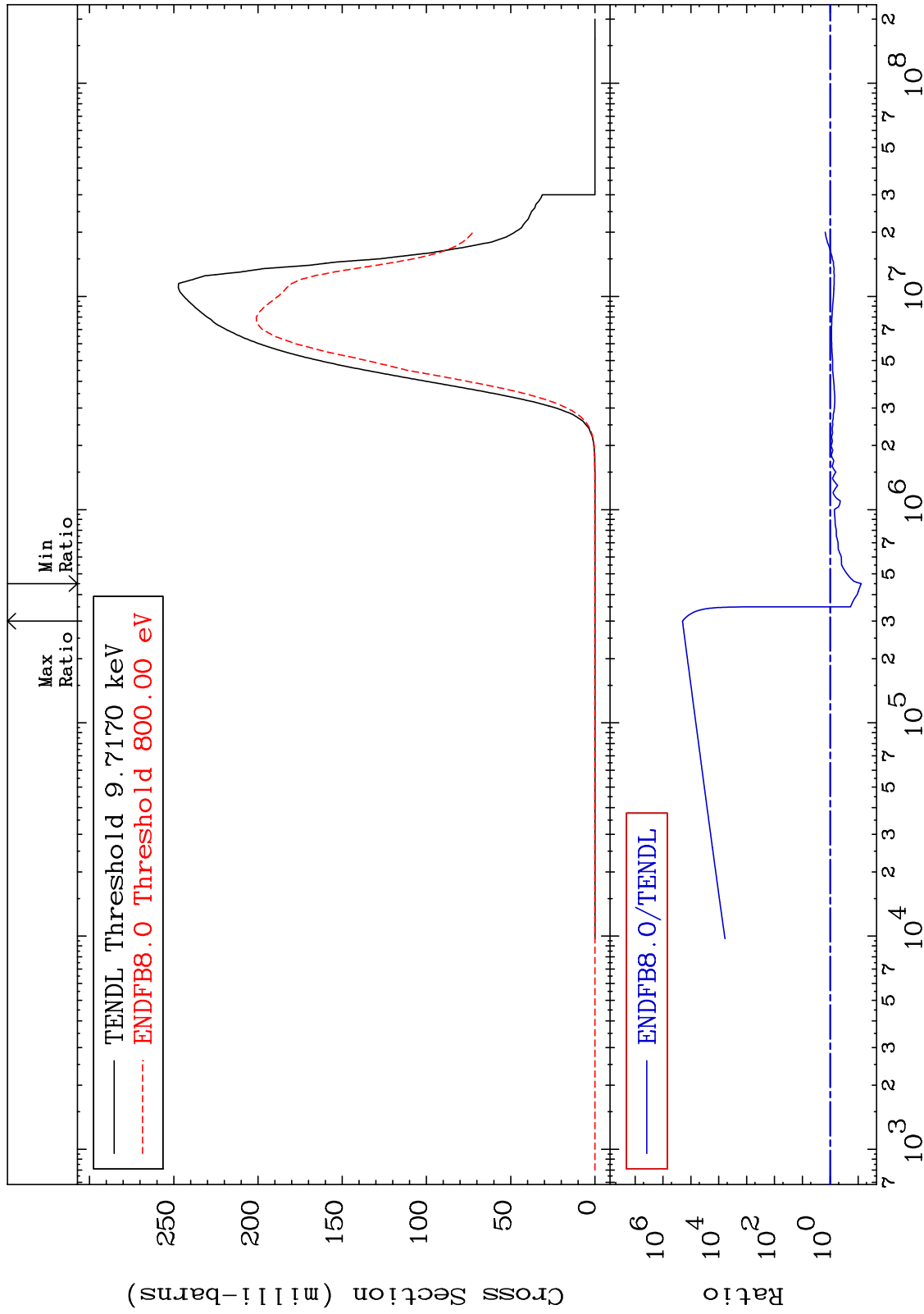
MAT 3625

(n,p)

36-Kr-78

Cross Section

-92.29 To 9999. %

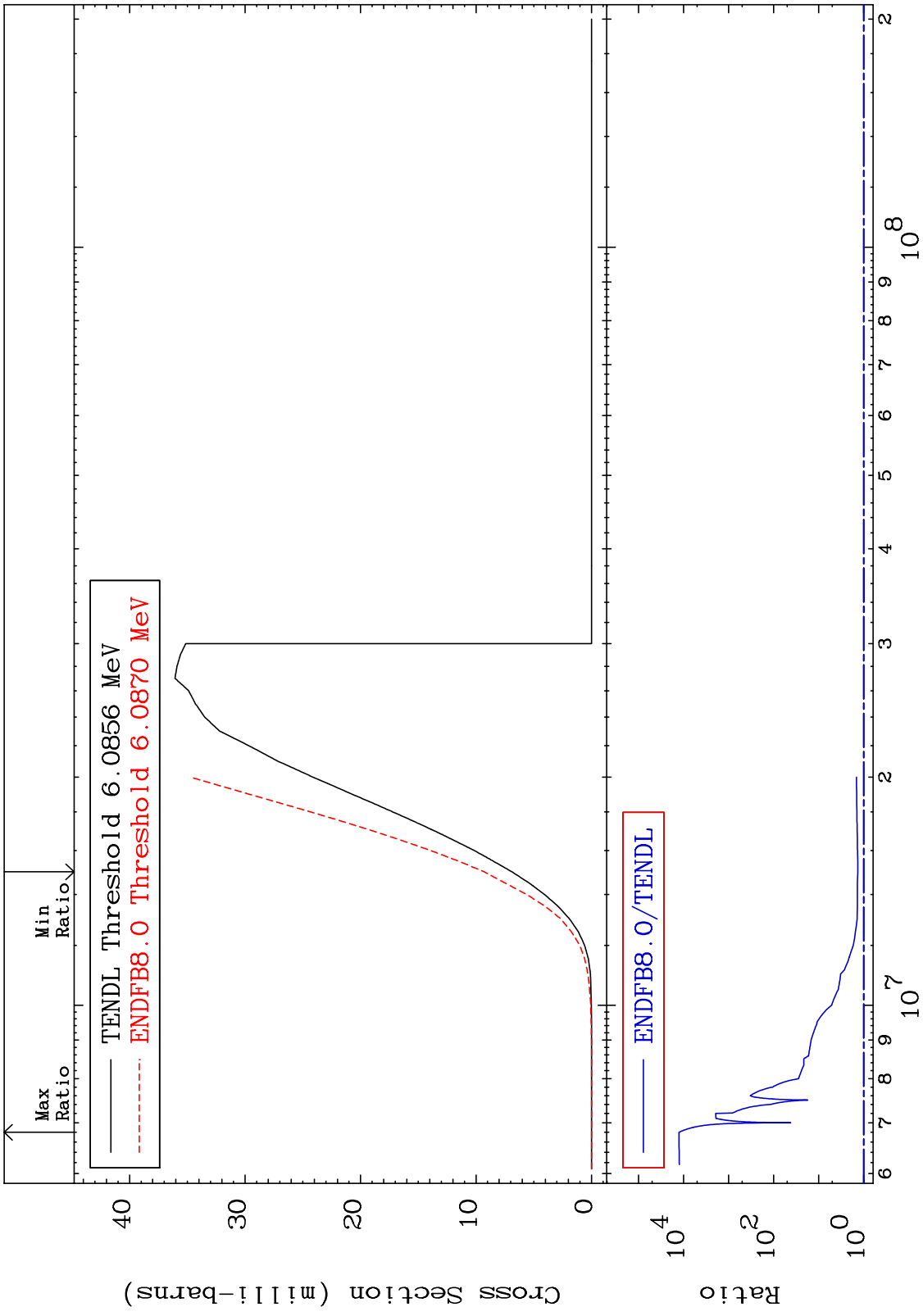


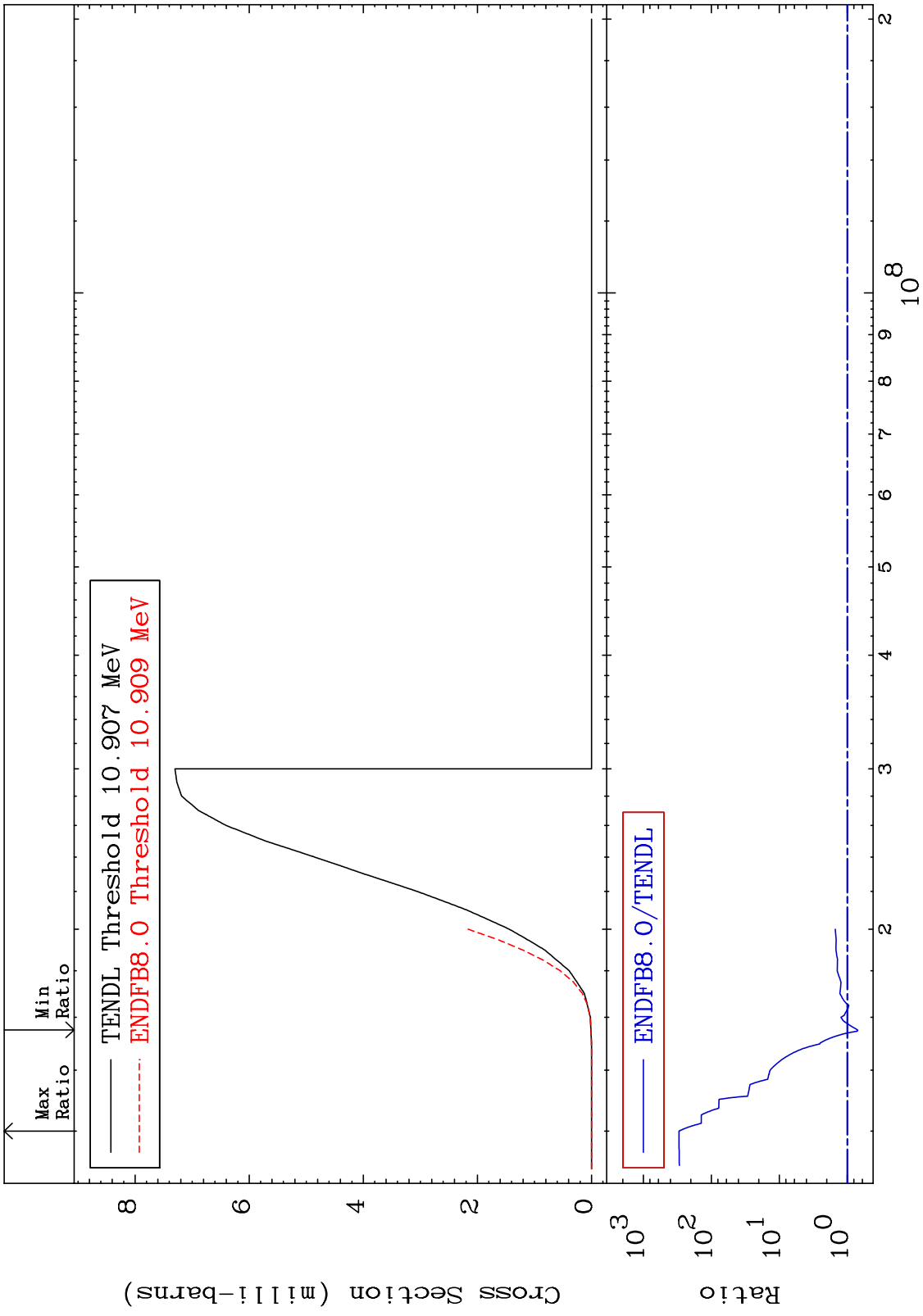
21

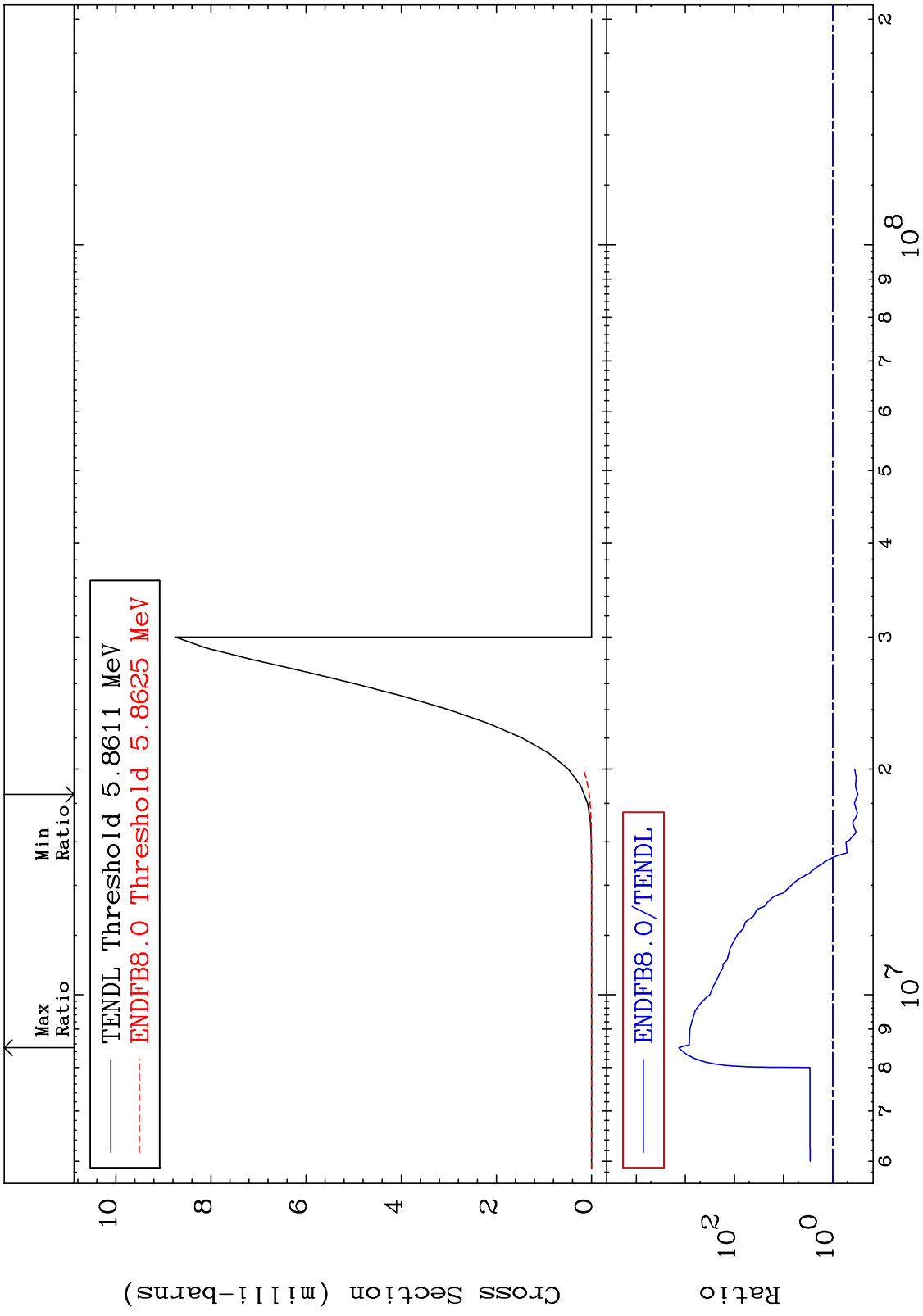
Incident Energy (eV)

36-Kr-78

MAT 3625 (n,d) Cross Section 36-Kr-78 34.70 To 9999. %







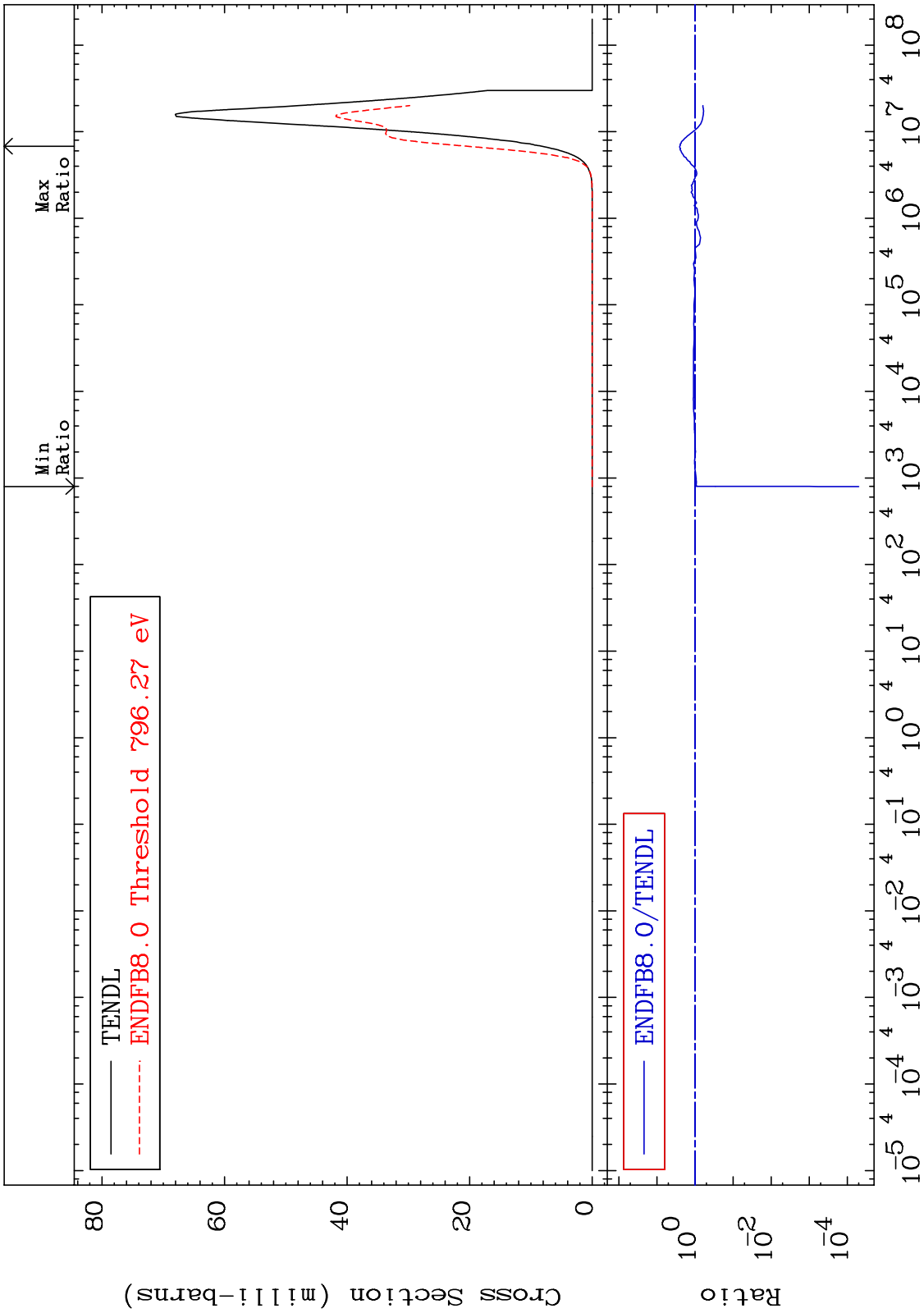
MAT 3625

(n, α)

36-Kr-78

Cross Section

-99.99 To 151.1 %

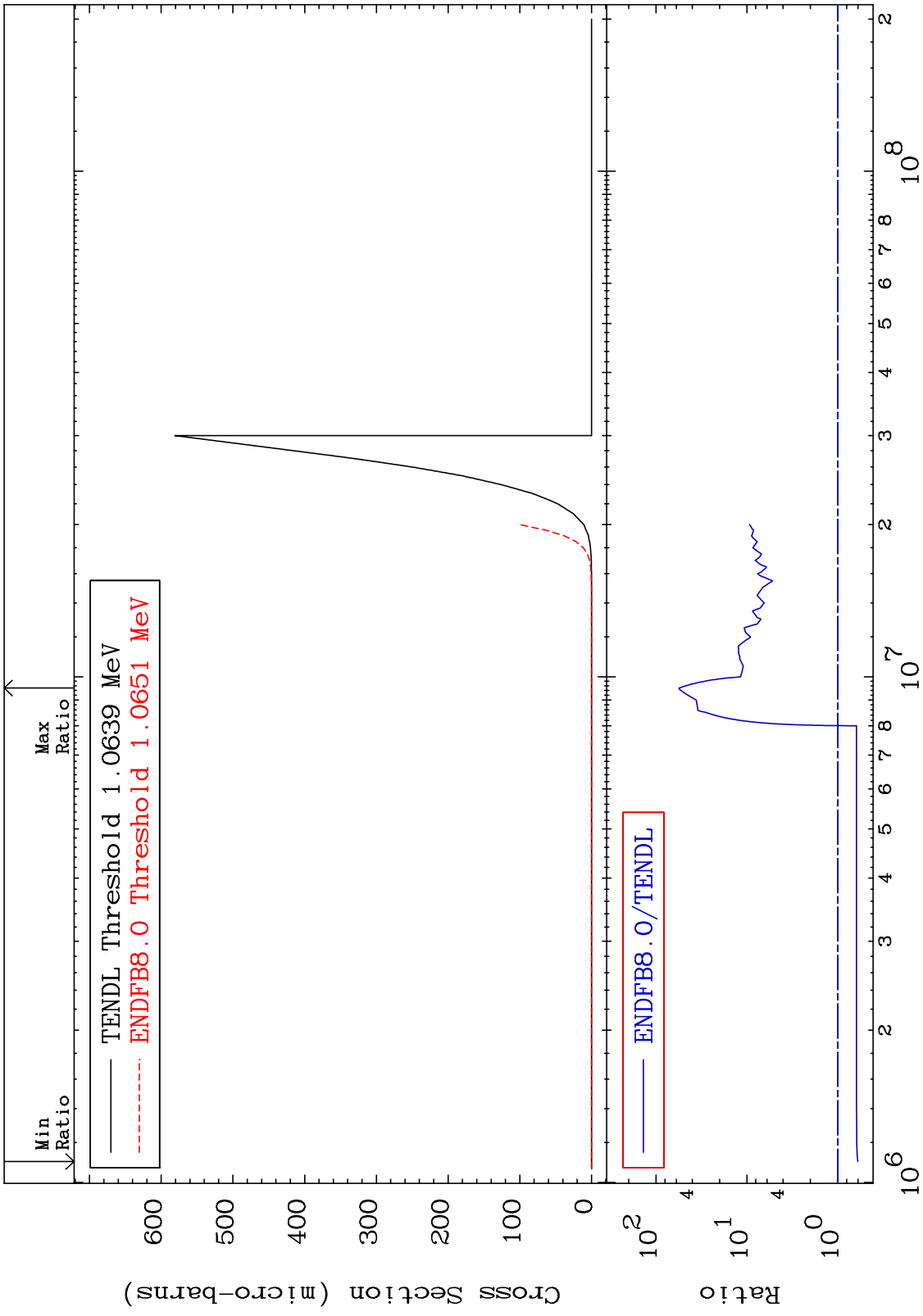


25

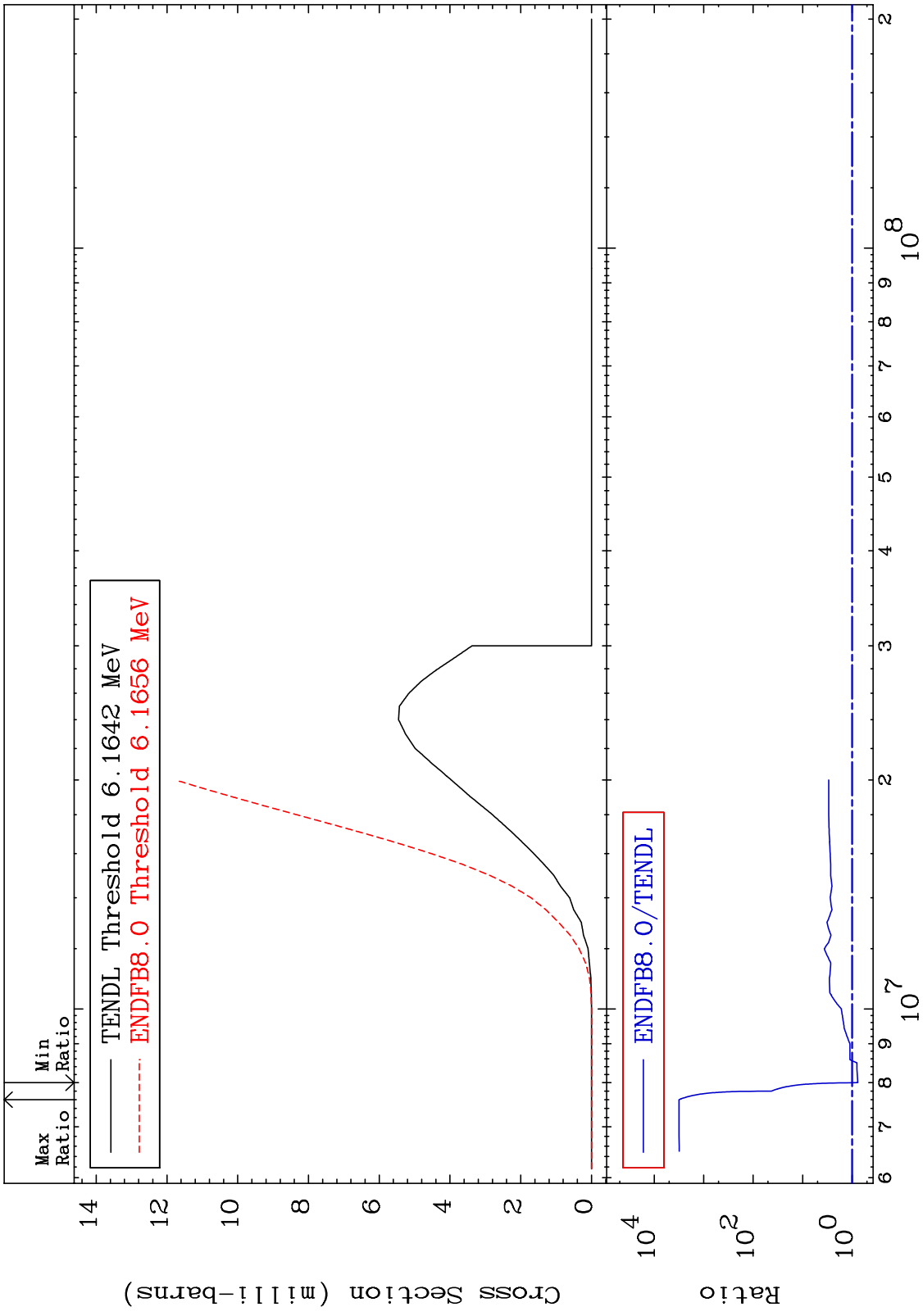
Incident Energy (eV)

36-Kr-78

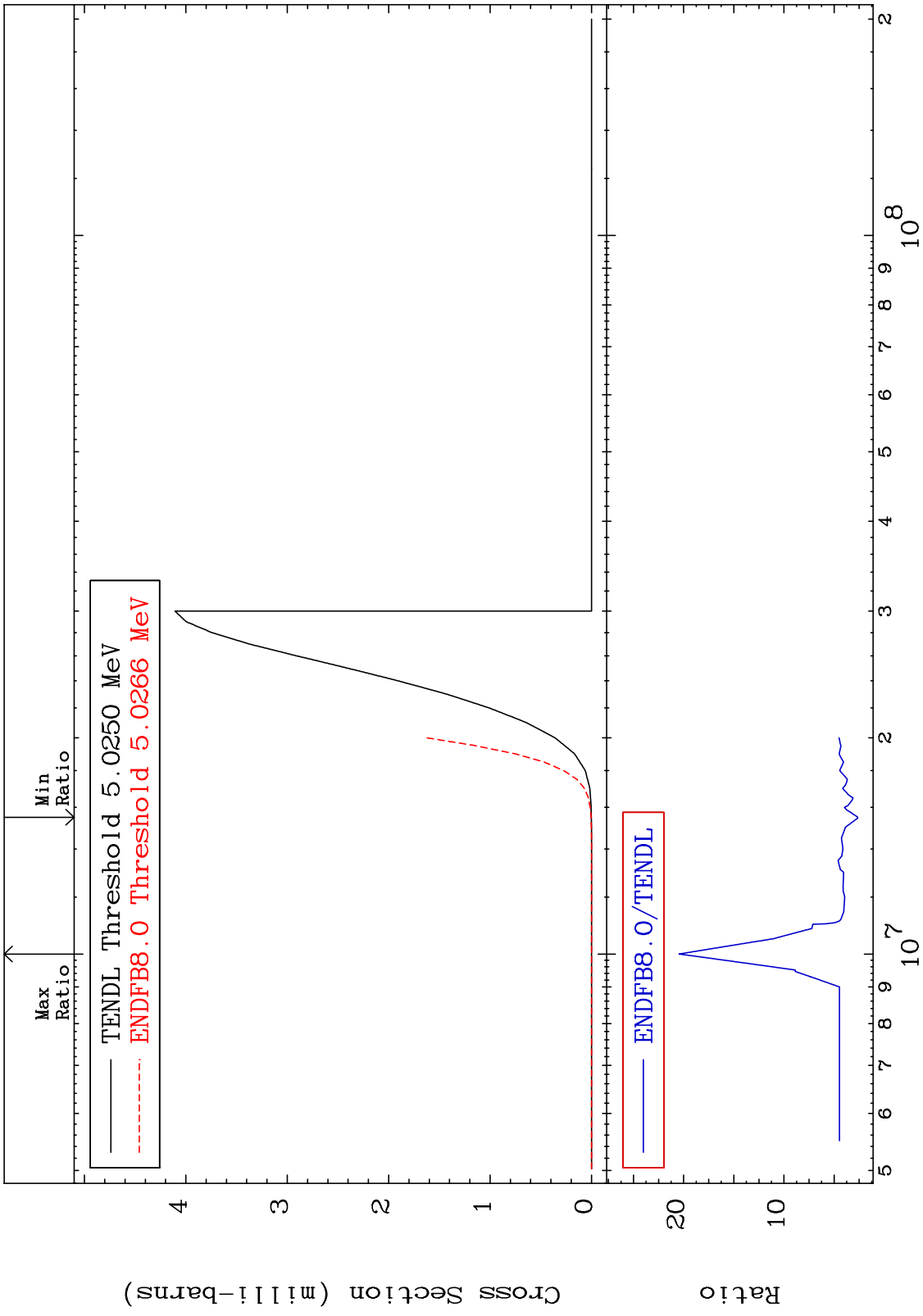
MAT 3625 $(n, 2\alpha)$ $^{36}\text{Kr-78}$
 Cross Section -39.84 To 5491. %

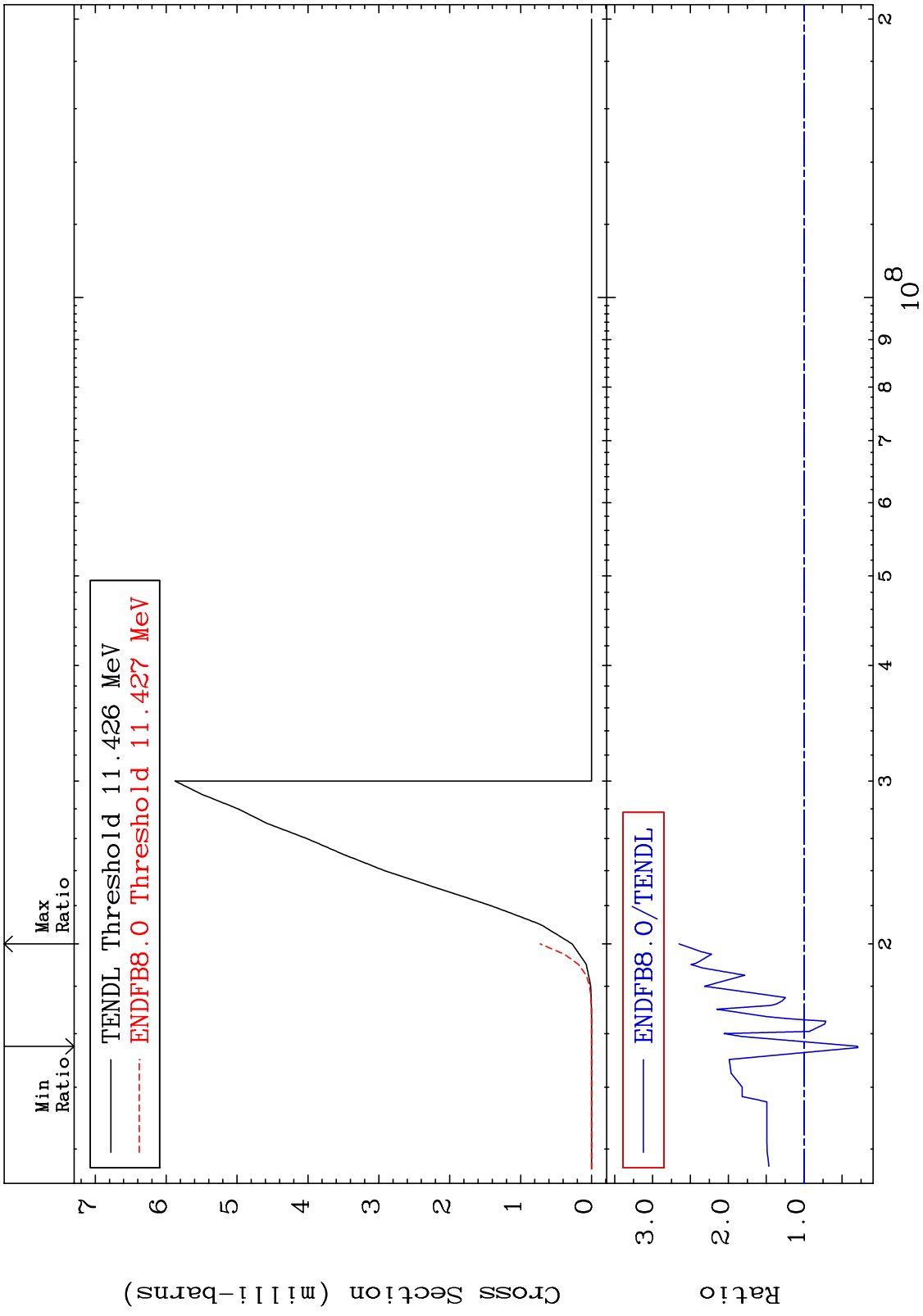


26 $^{36}\text{Kr-78}$



MAT 3625 $(n,p) \alpha$ Cross Section 36-Kr-78 163.5 To 1946. %

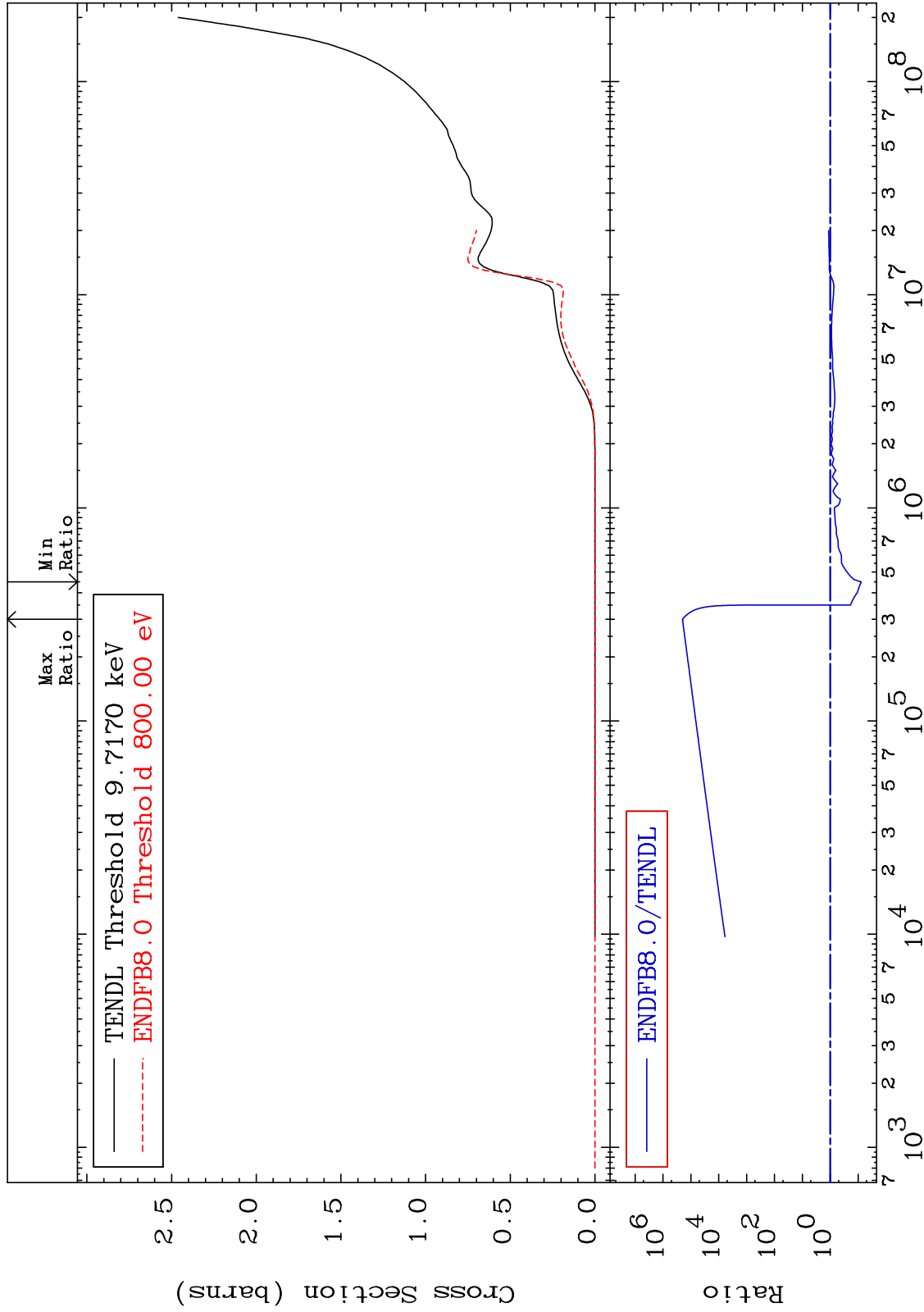




MAT 3625

Hydrogen Production
Cross Section

36-Kr-78
-92.29 To 9999. %



30

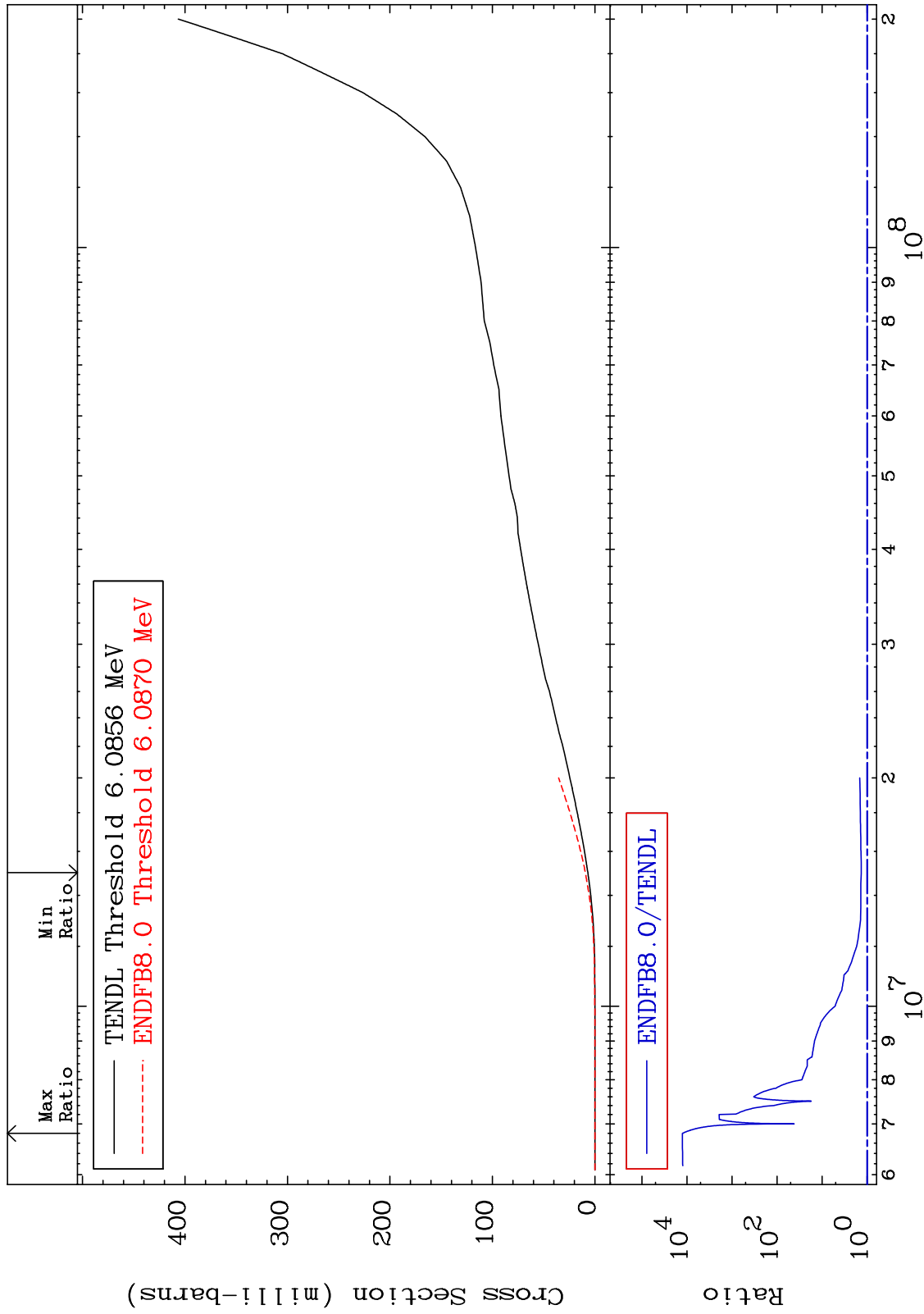
Incident Energy (eV)

36-Kr-78

MAT 3625

Deuterium Production
Cross Section

36-Kr-78
34.70 To 9999. %



31

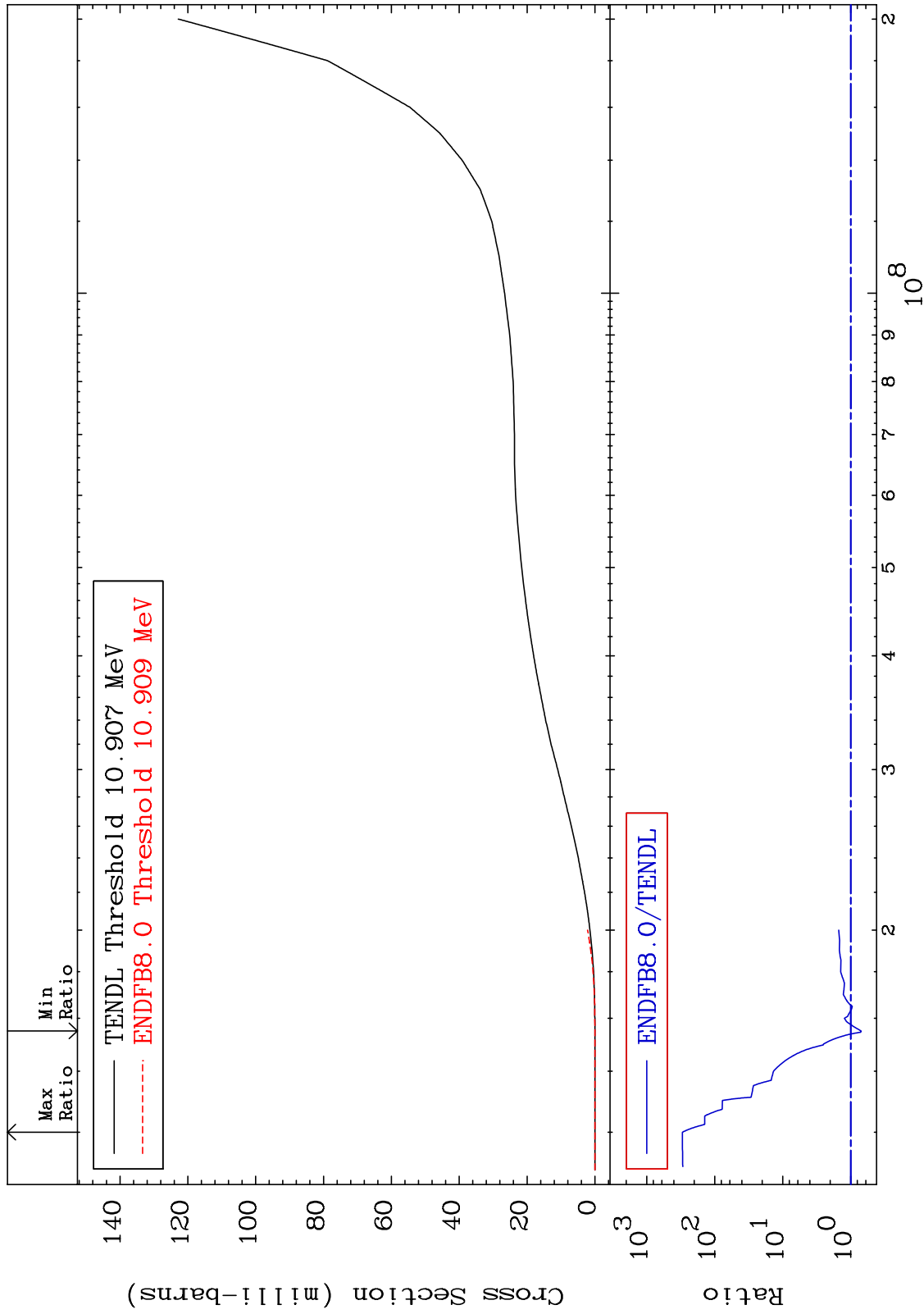
Incident Energy (eV)

36-Kr-78

MAT 3625

Tritium Production
Cross Section

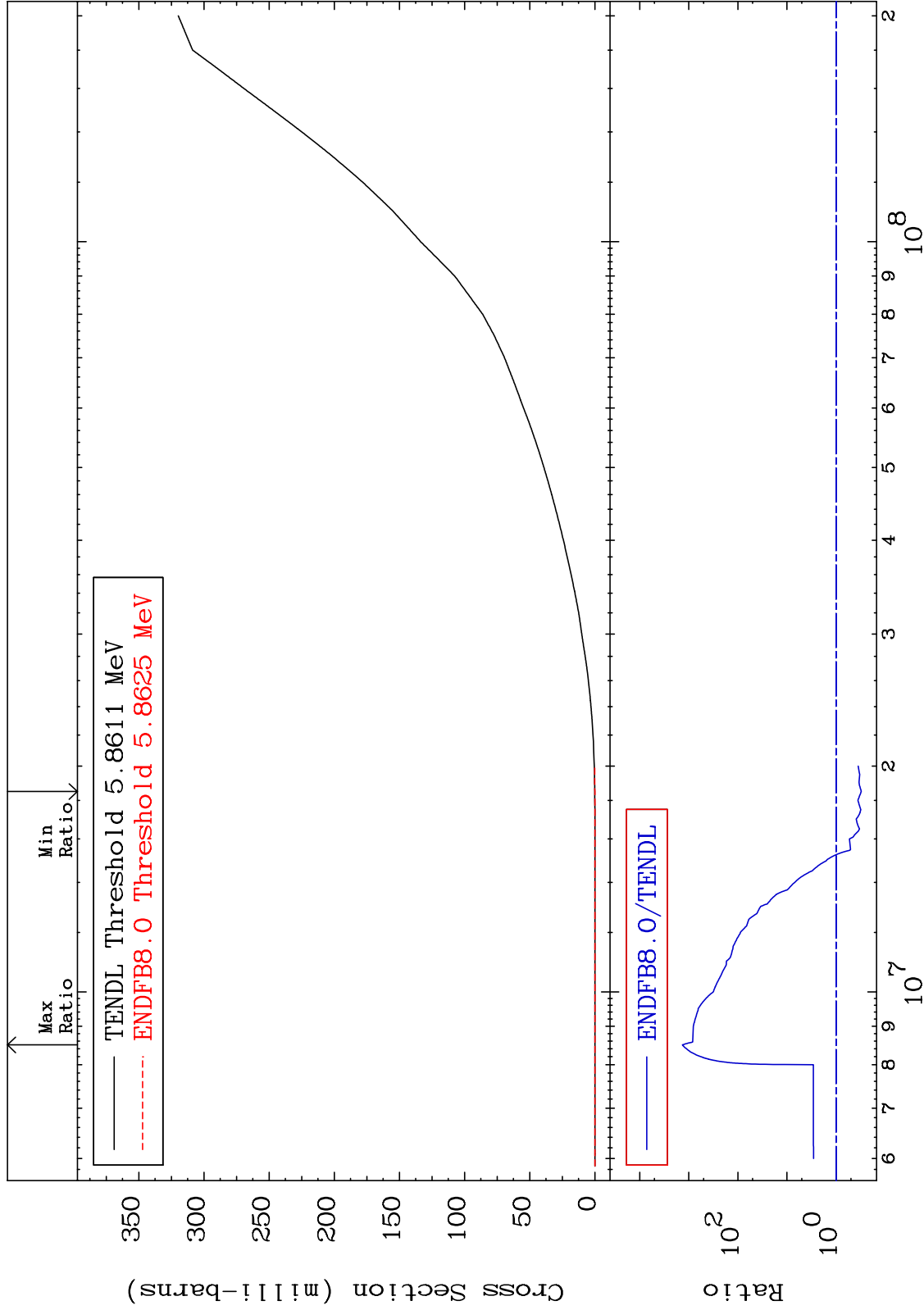
³⁶Kr-78
-29.96 To 9999. %



MAT 3625

He-3 Production
Cross Section

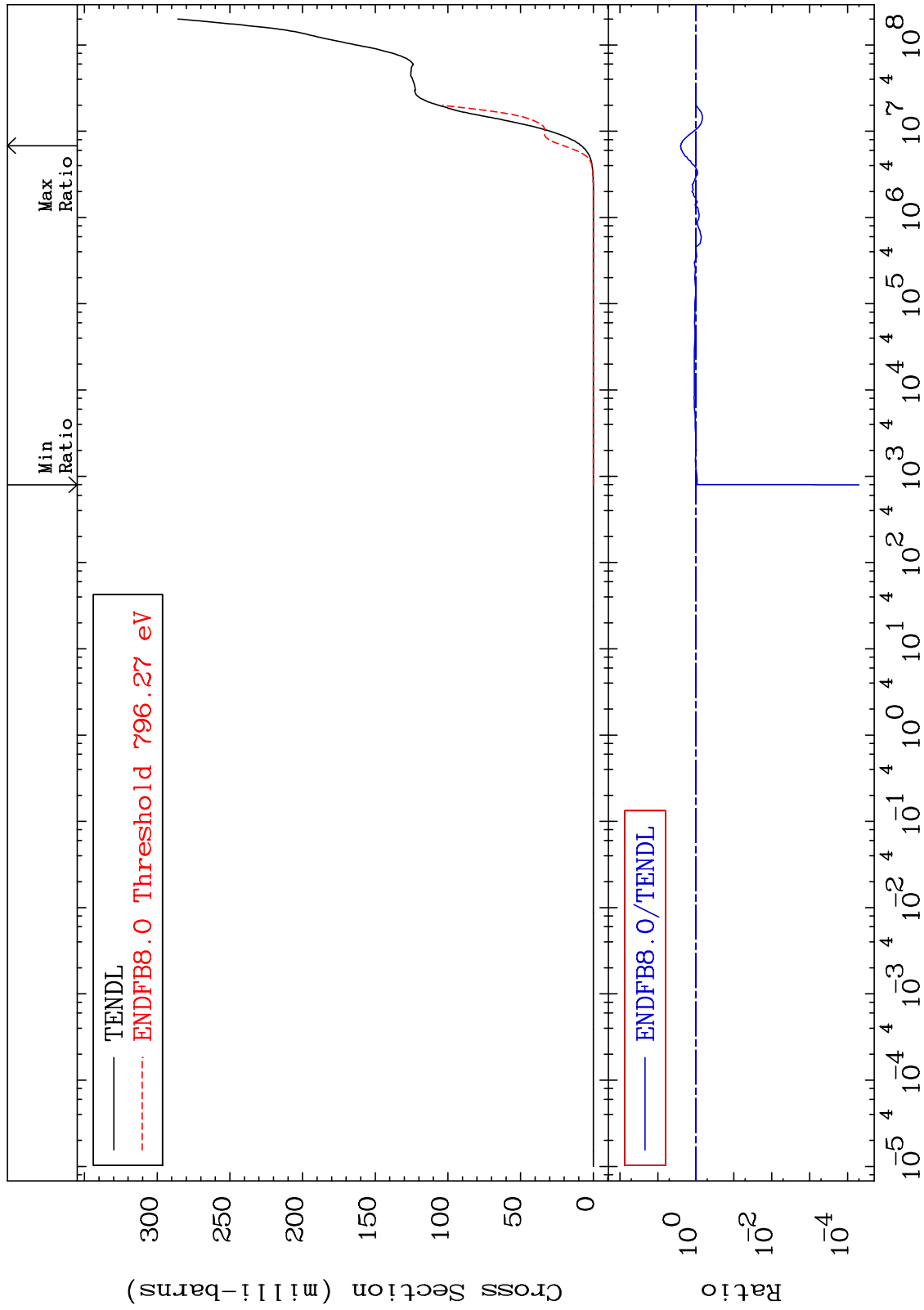
36-Kr-78
-69.29 To 9999. %



MAT 3625

He-4 Production
Cross Section

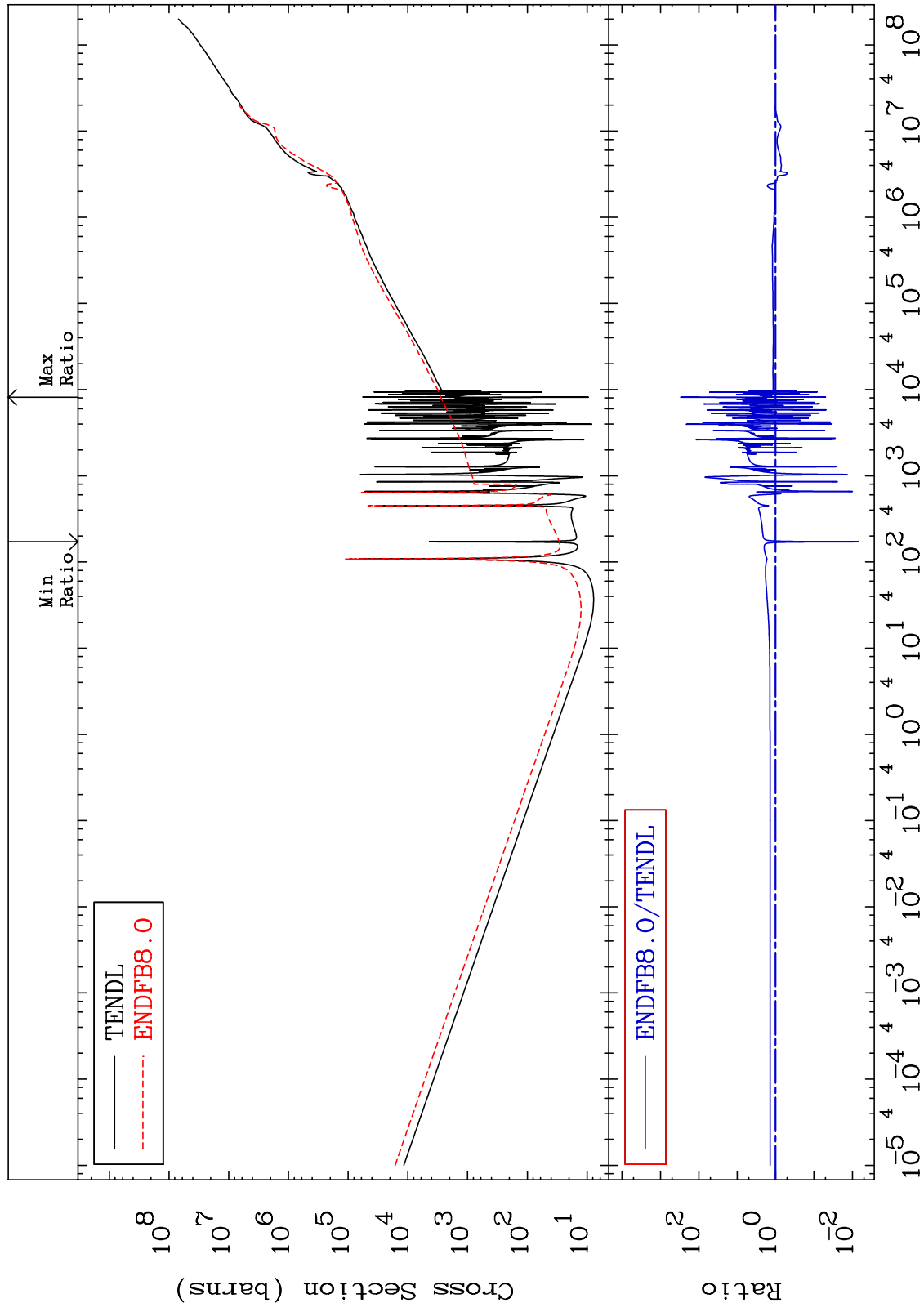
36-Kr-78
-99.99 To 151.1 %



MAT 3625

Kerma total (eV-barns)
Cross Section

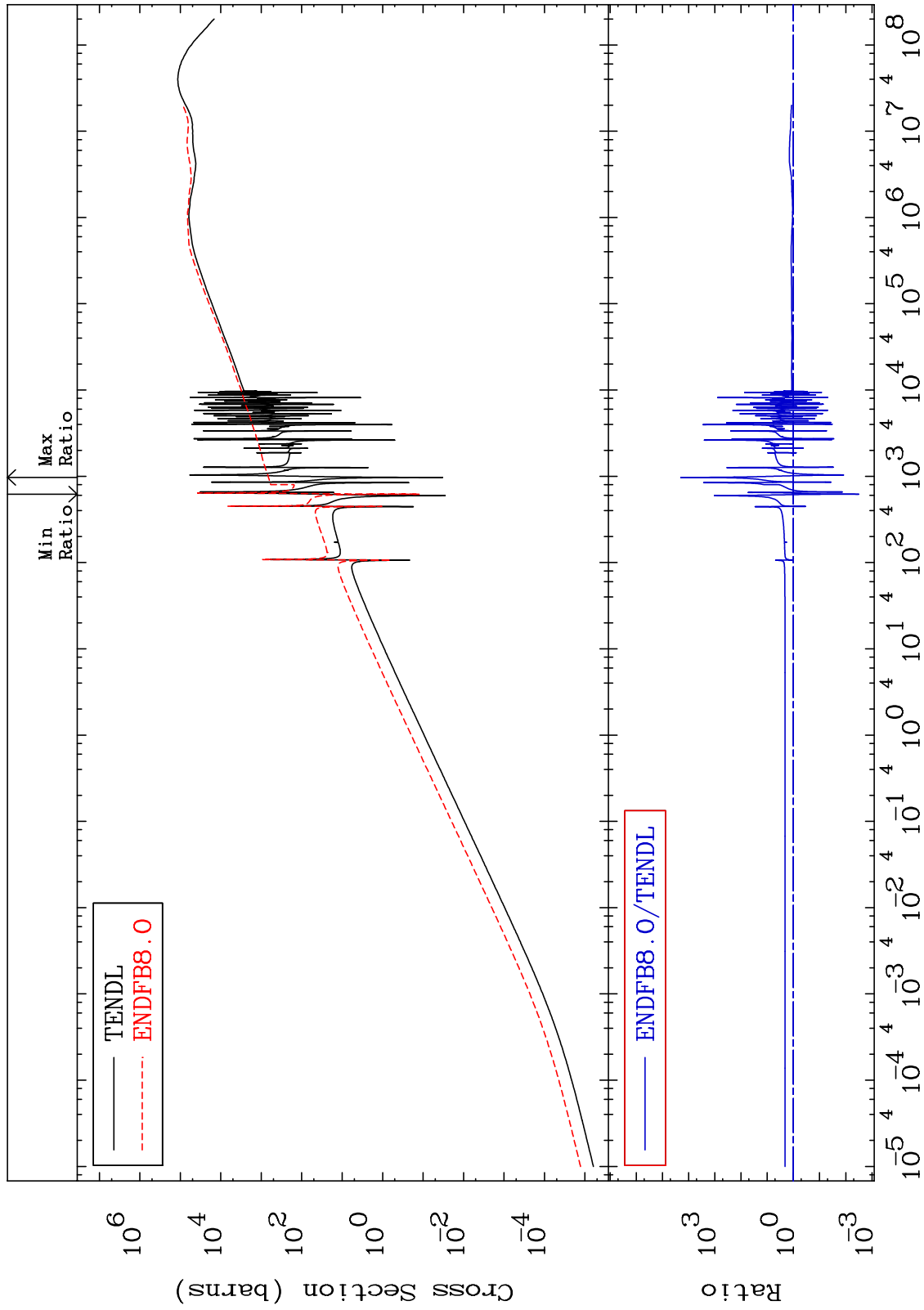
36-Kr-78
-99.33 To 9999. %



MAT 3625

Kerma elastic
Cross Section

36-Kr-78
-99.69 To 9999. %

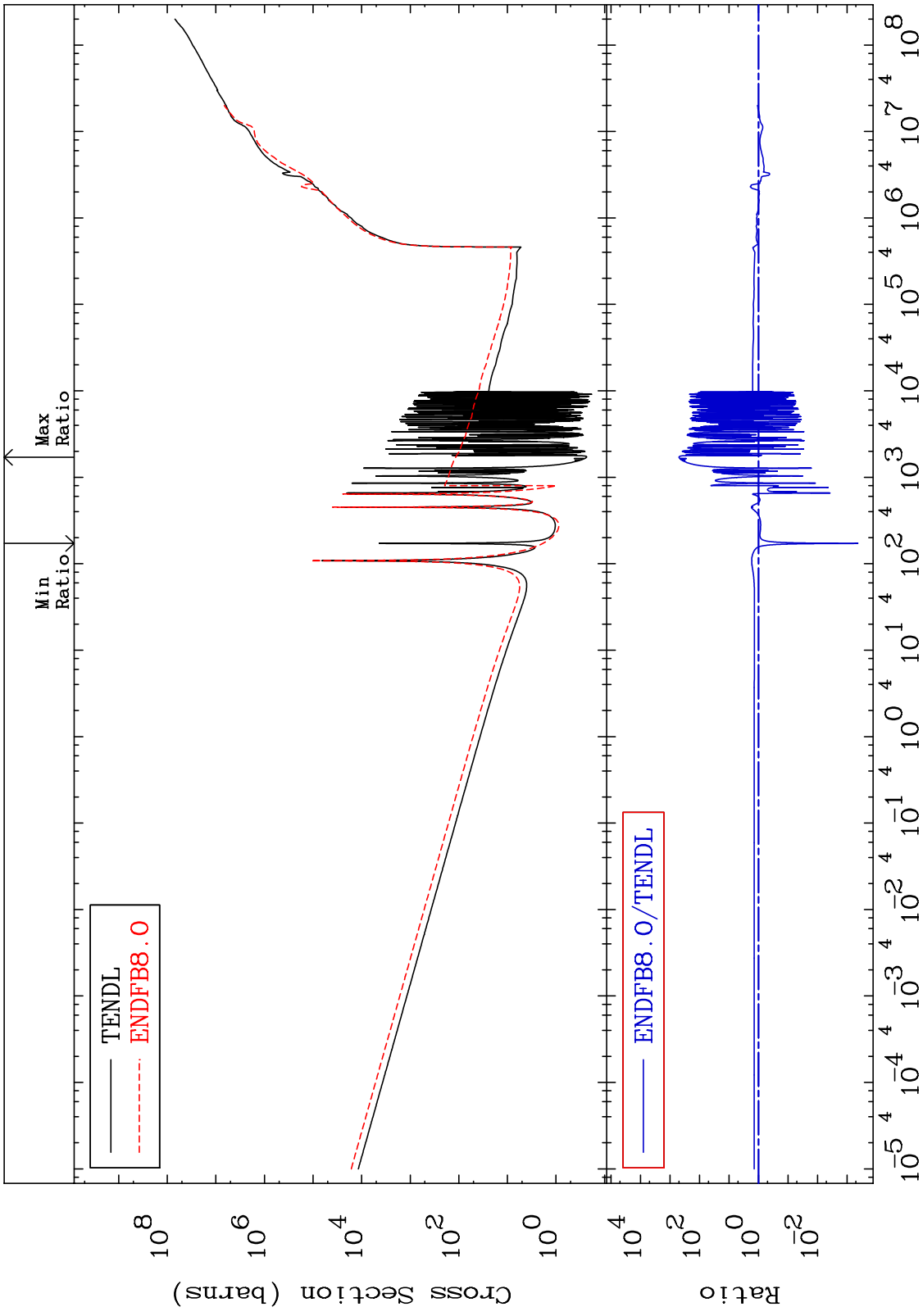


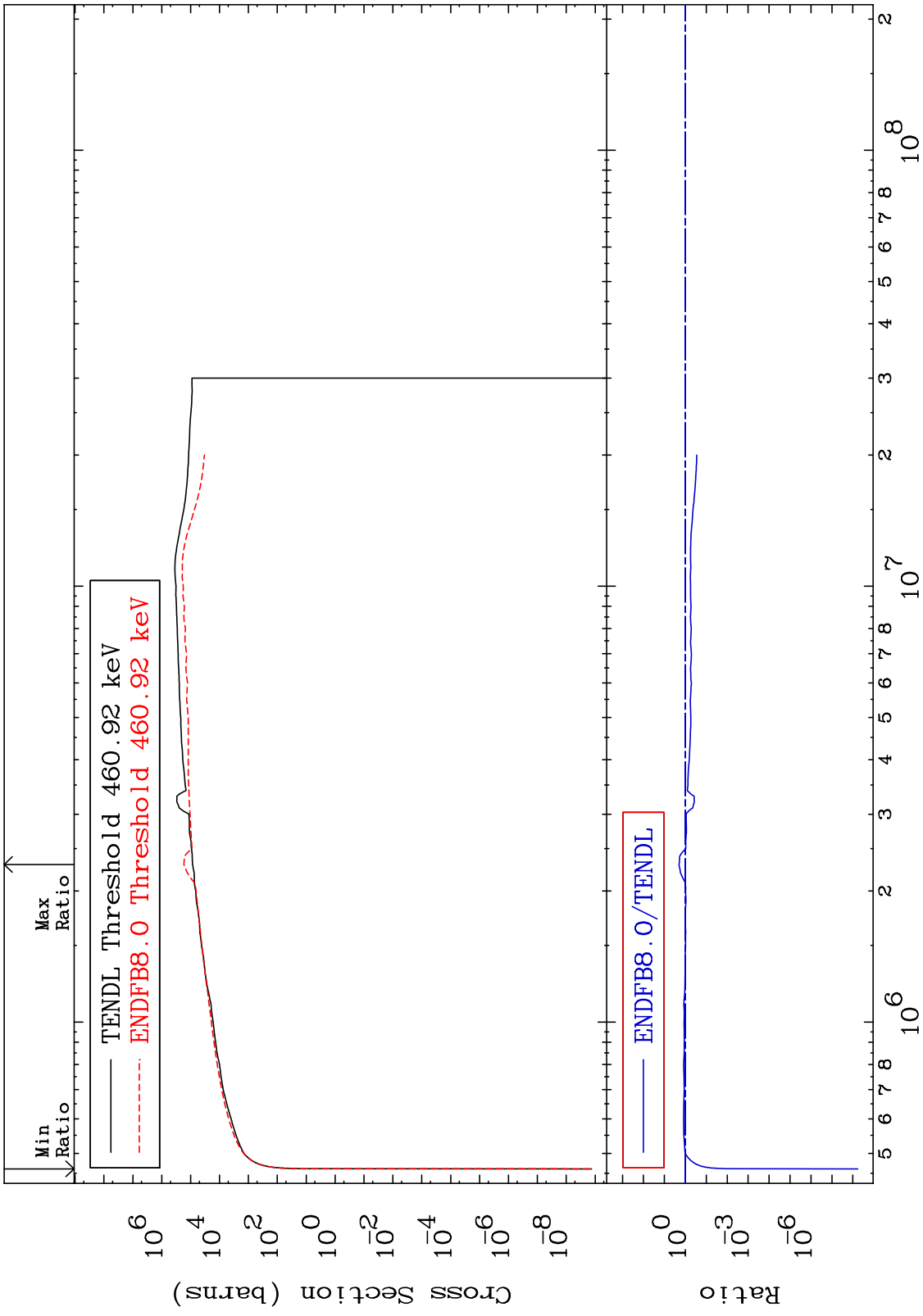
36

Incident Energy (eV)

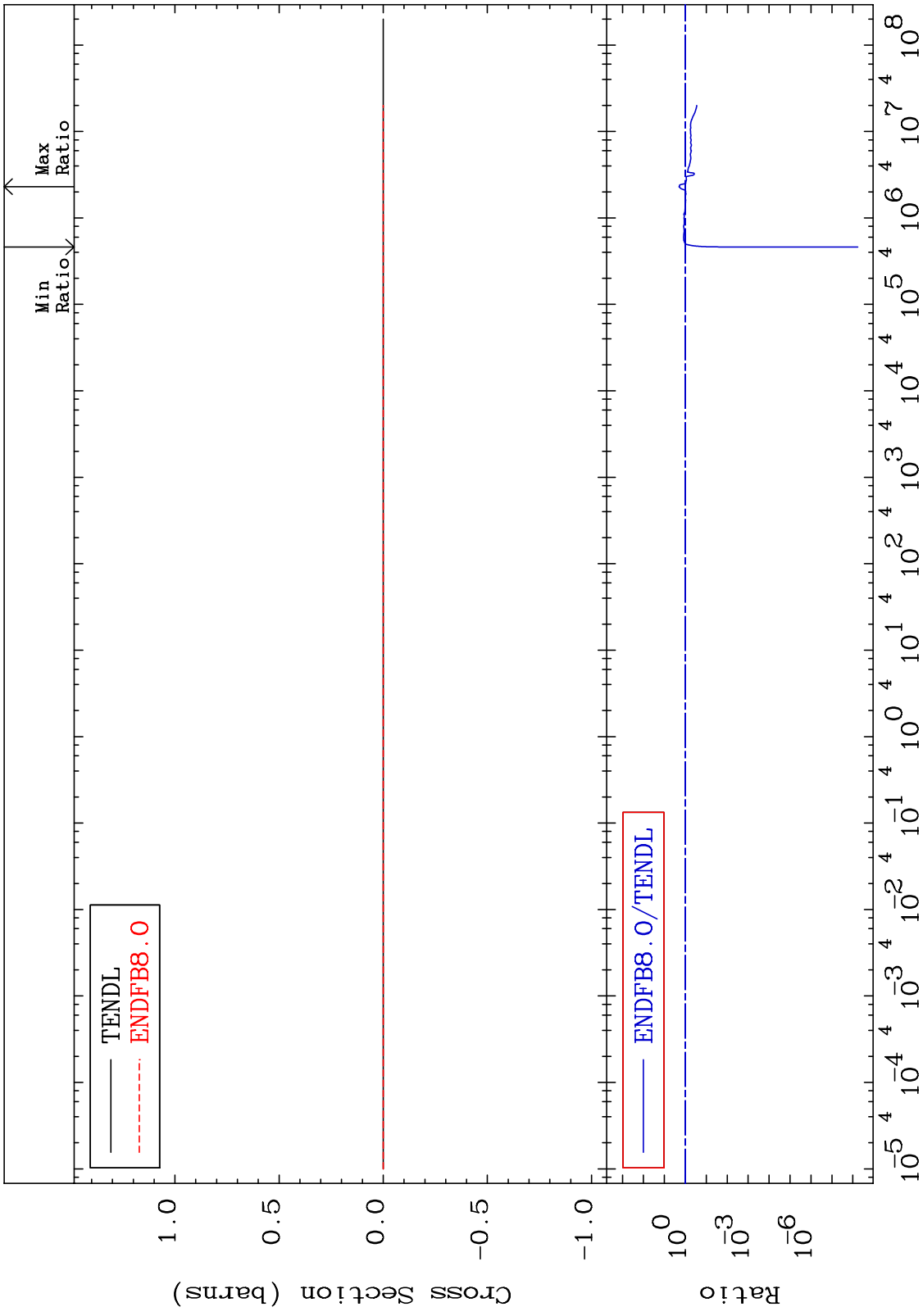
36-Kr-78

MAT 3625 Kerma non-elastic (all but mt.2) 36-Kr-78
 Cross Section -99.96 To 9999. %





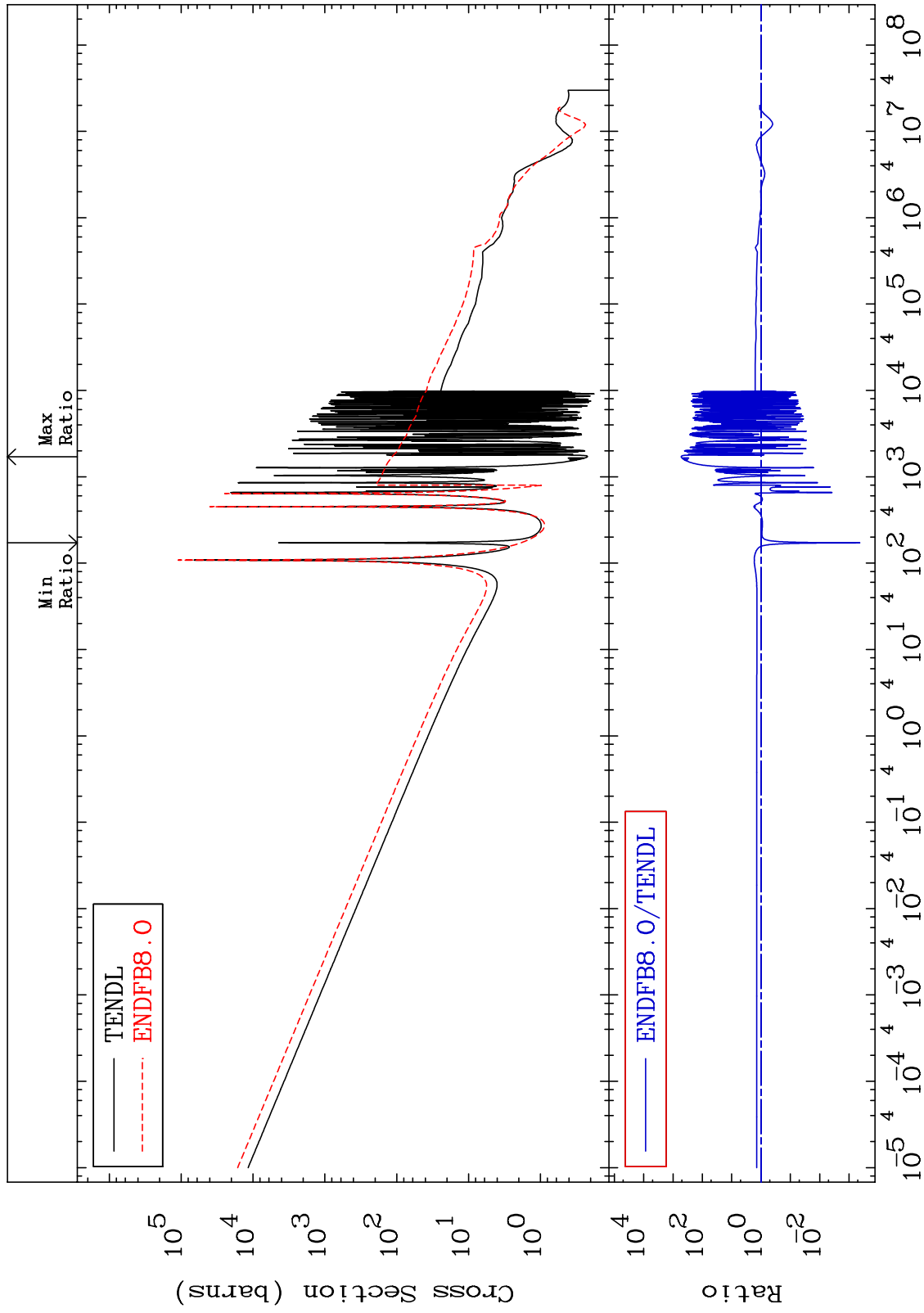
MAT 3625 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-78
 Cross Section -100.0 To 99.06 %



MAT 3625

Kerma capture (mt102)
Cross Section

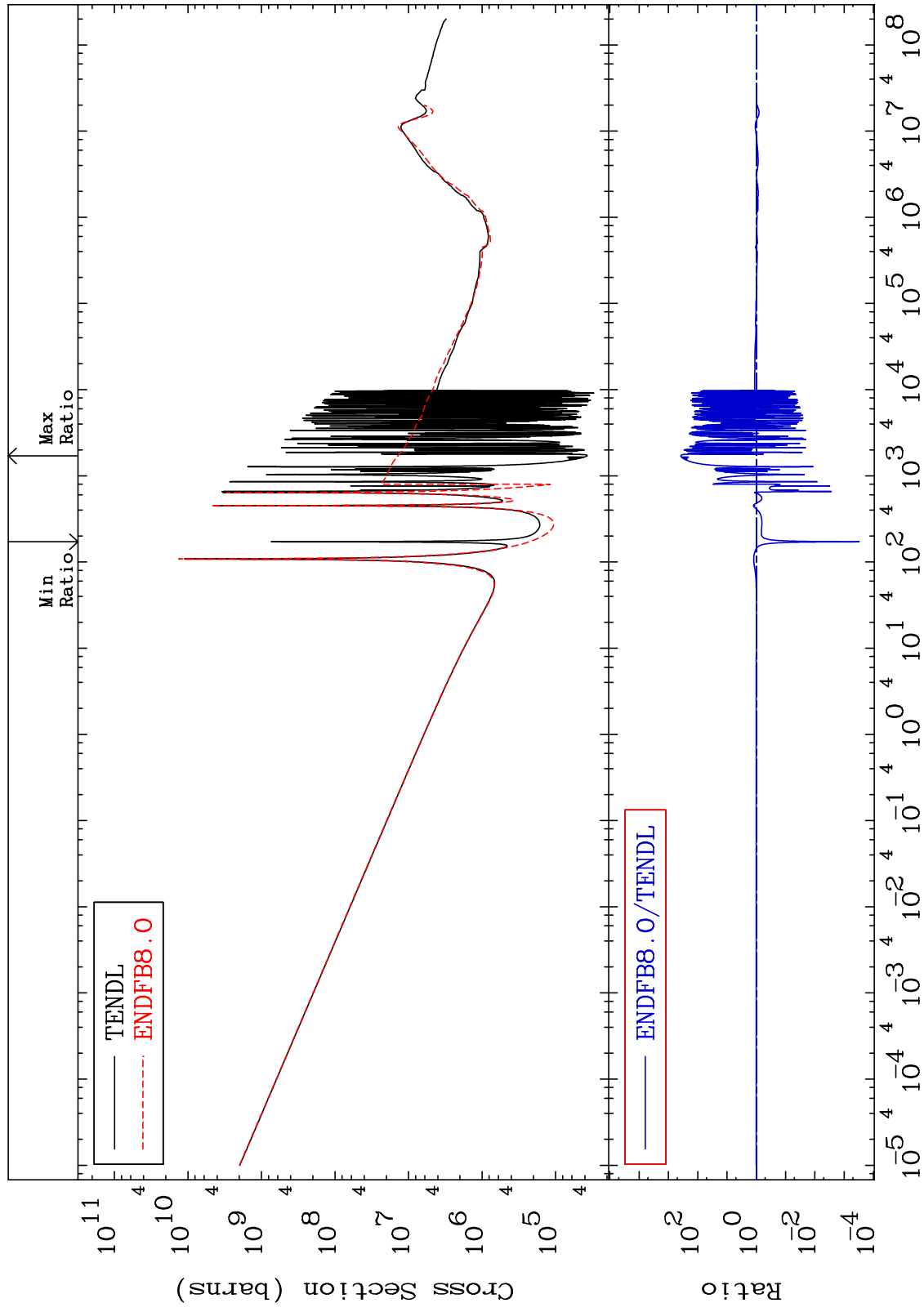
36-Kr-78
-99.96 To 9999. %



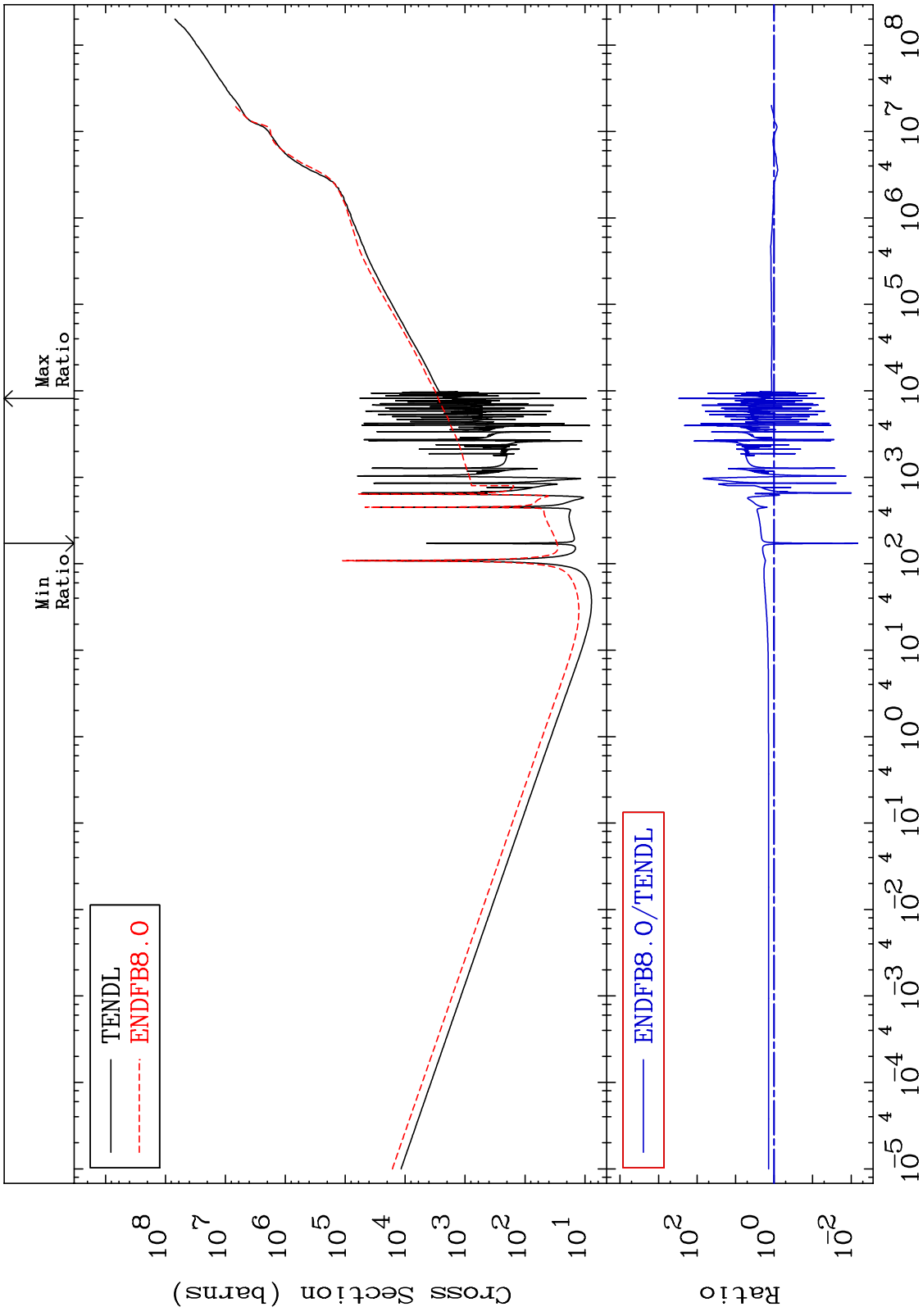
MAT 3625

Total photon (eV-barns)
Cross Section

36-Kr-78
-99.97 To 9999. %



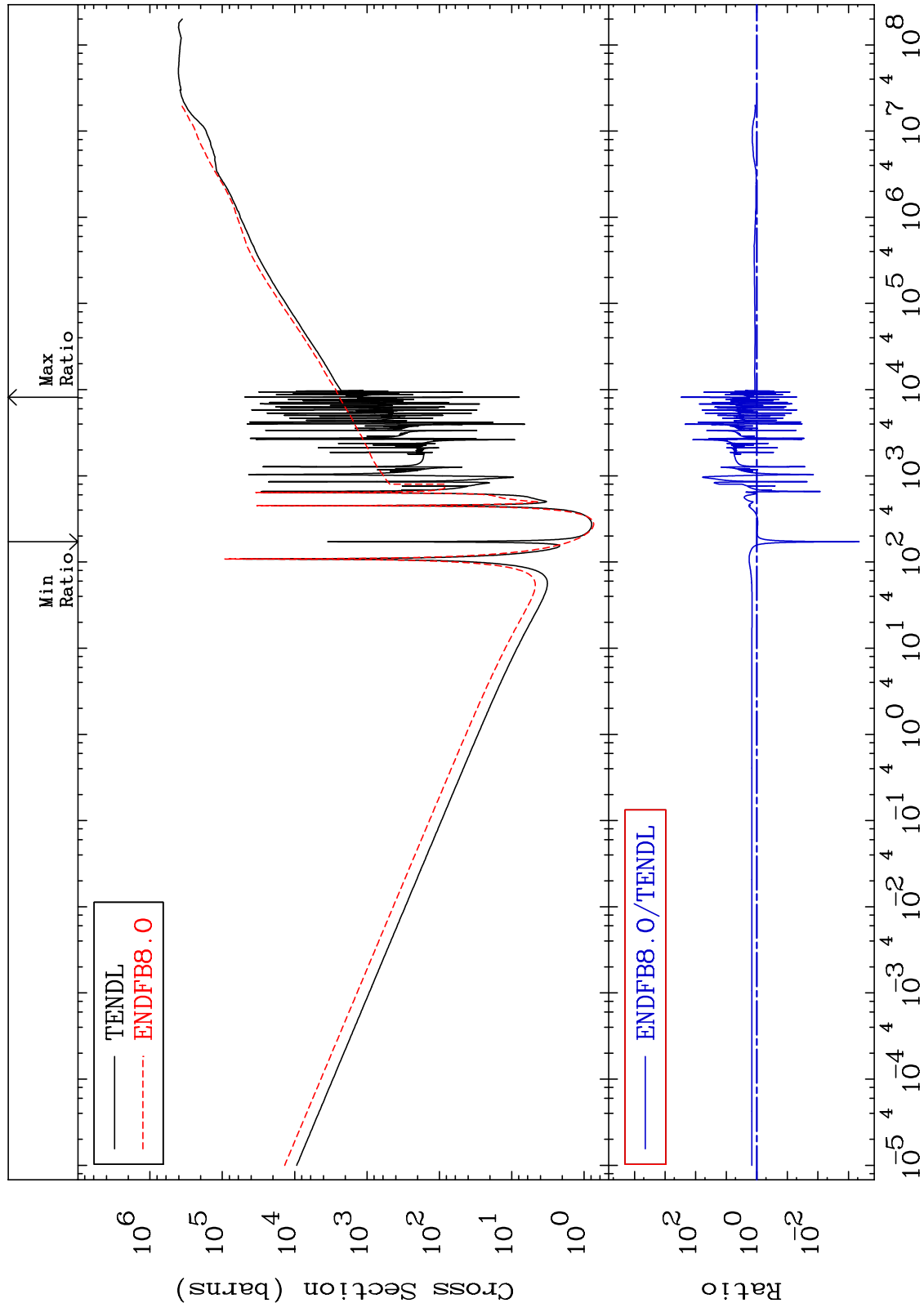
MAT 3625 Total kinematic kerma (high limit) 36-Kr-78
 Cross Section -99.33 To 9999. %



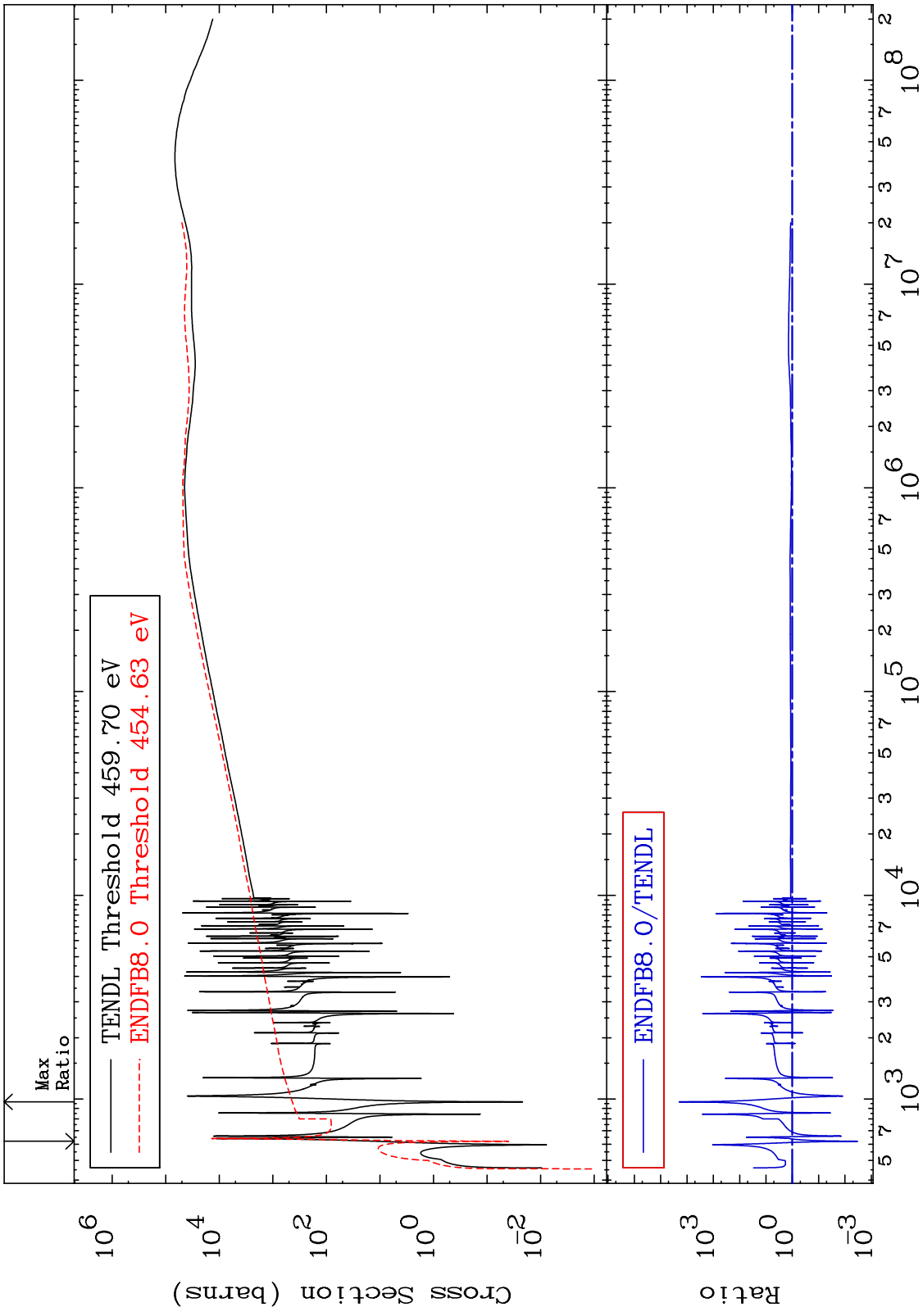
MAT 3625

Dpa total (eV-barns)
Cross Section

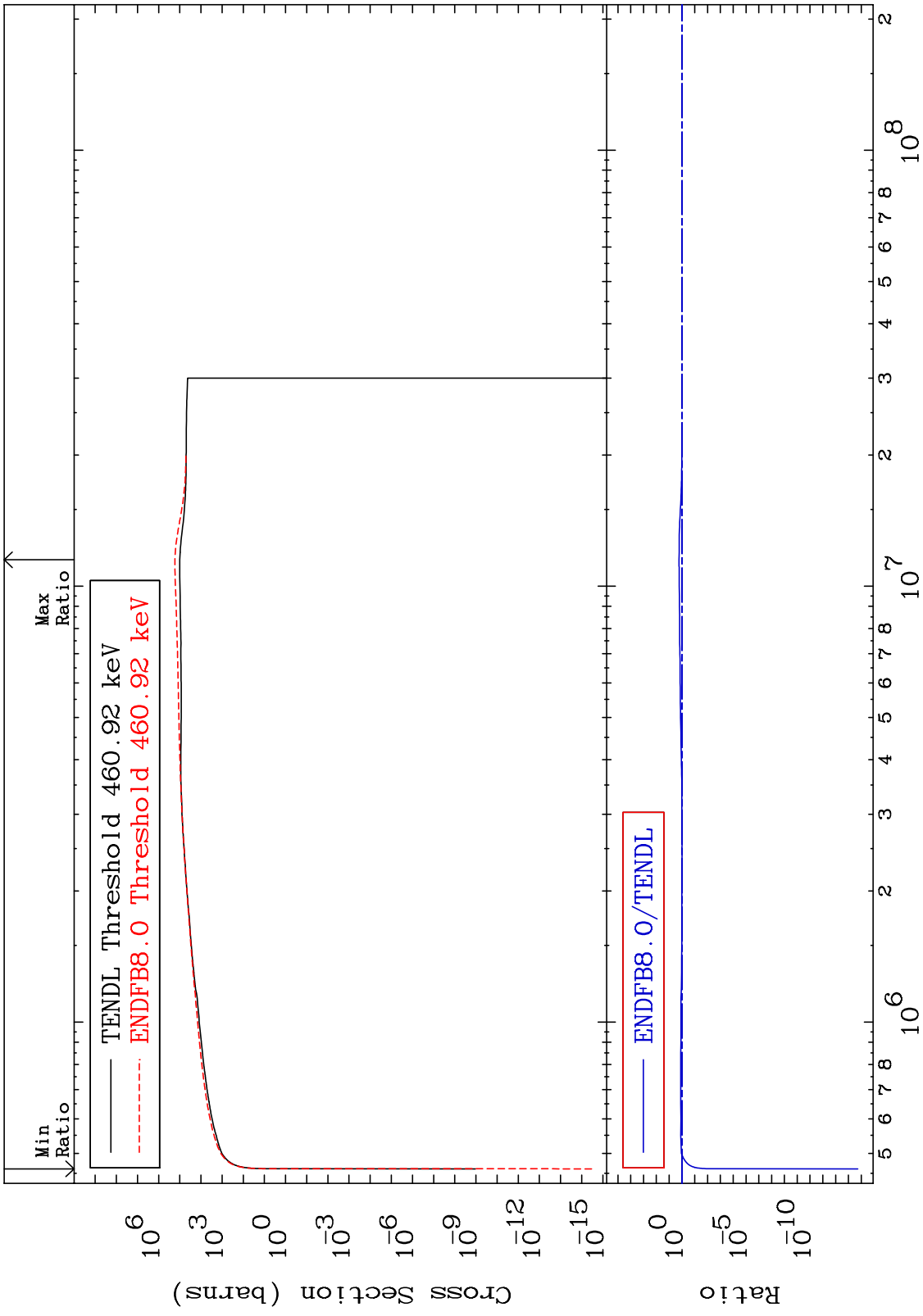
36-Kr-78
-99.95 To 9999. %



MAT 3625 Dpa elastic (mt2) 36-Kr-78
 Cross Section -99.68 To 9999. %



MAT 3625 Dpa inelastic (mt51-91) 36-Kr-78
 Cross Section -100.0 To 68.96 %



MAT 3625

Dpa disappearance (mt102 -120)
Cross Section

36-Kr-78
-99.95 To 9999. %

