

Program Complot  
(Version 2018-1)

by

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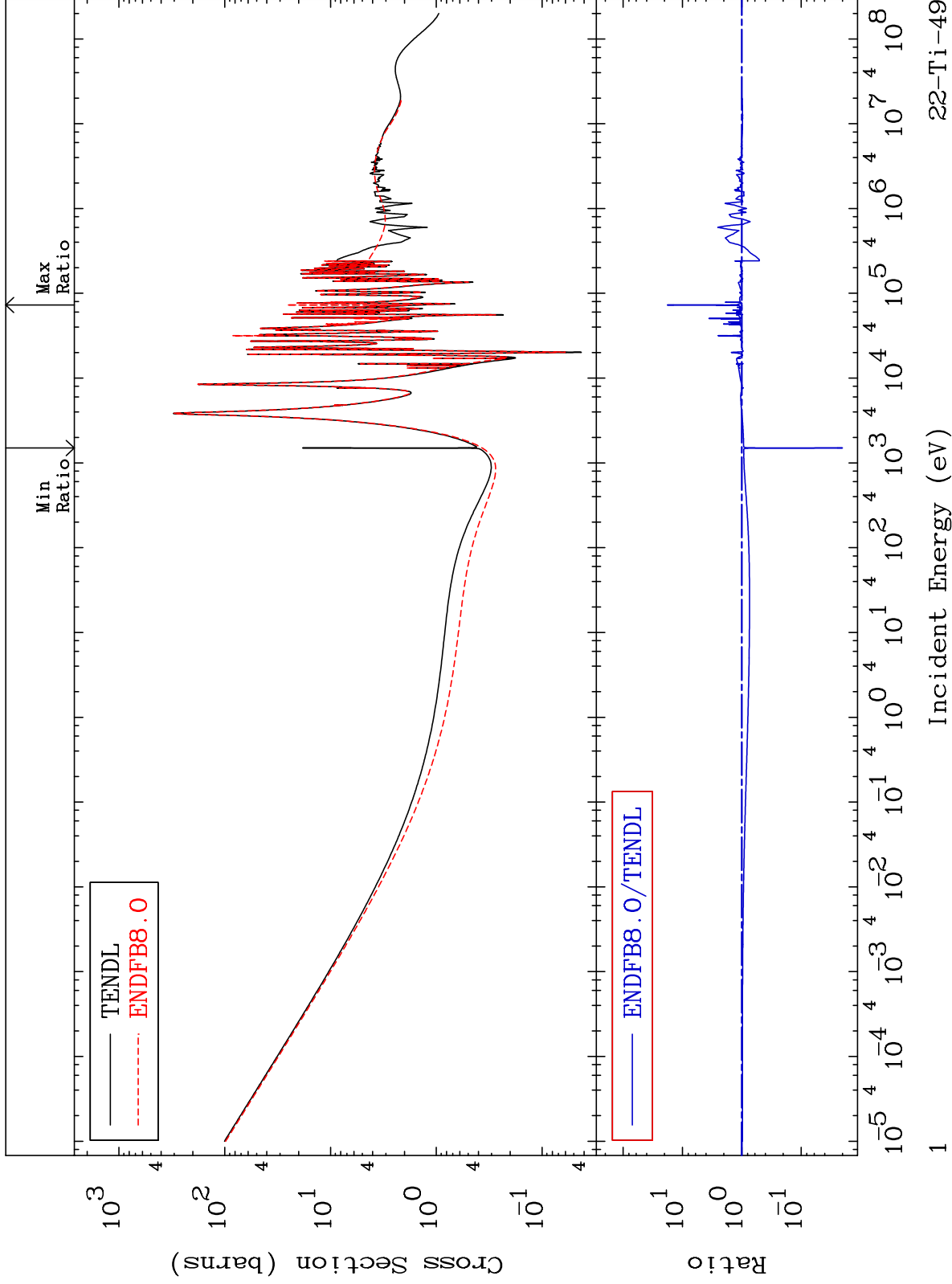
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2234

Total  
Cross Section

22-Ti-49  
-98.00 To 1697. %

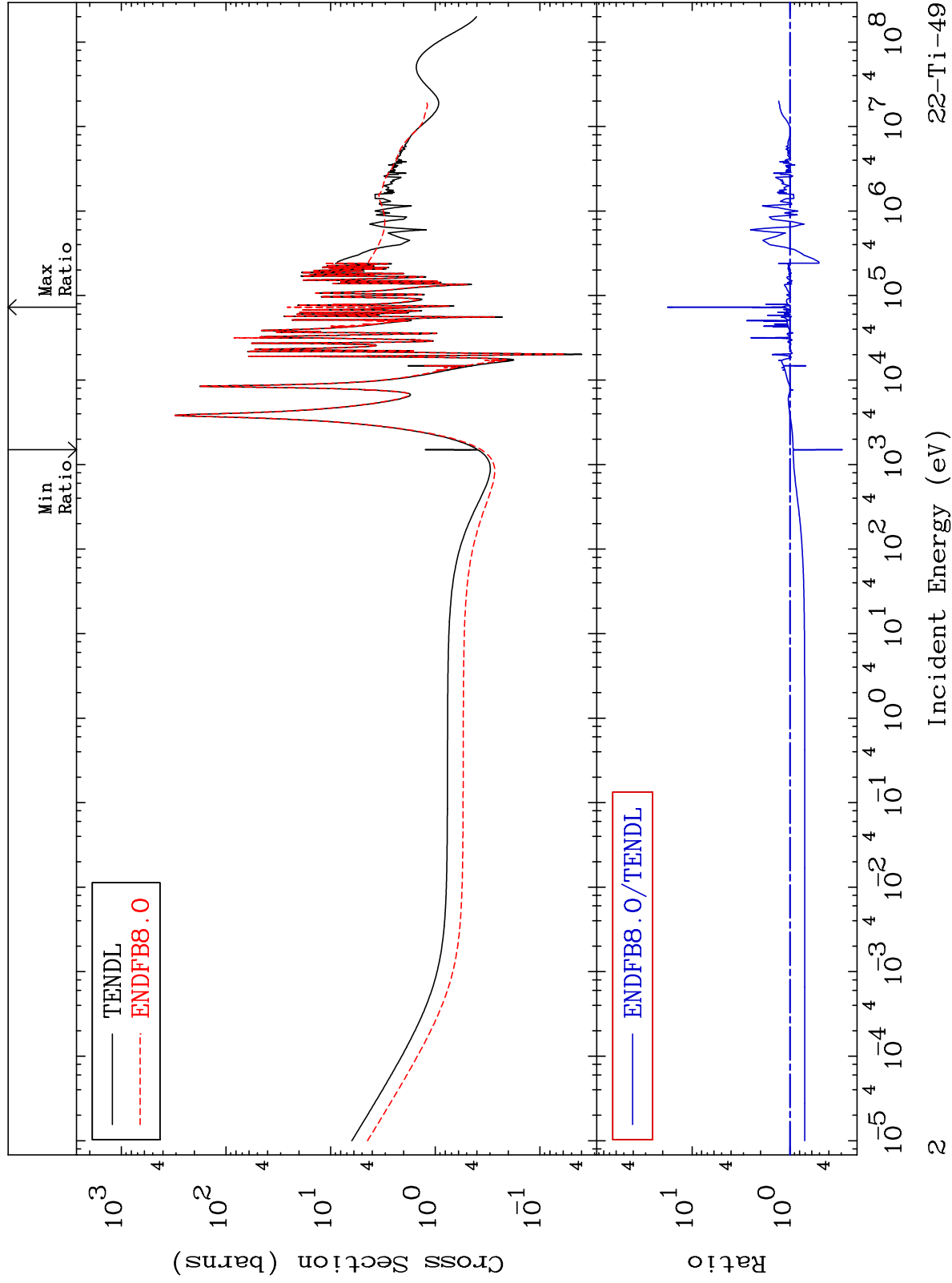


22-Ti-49

MAT 2234

Elastic  
Cross Section

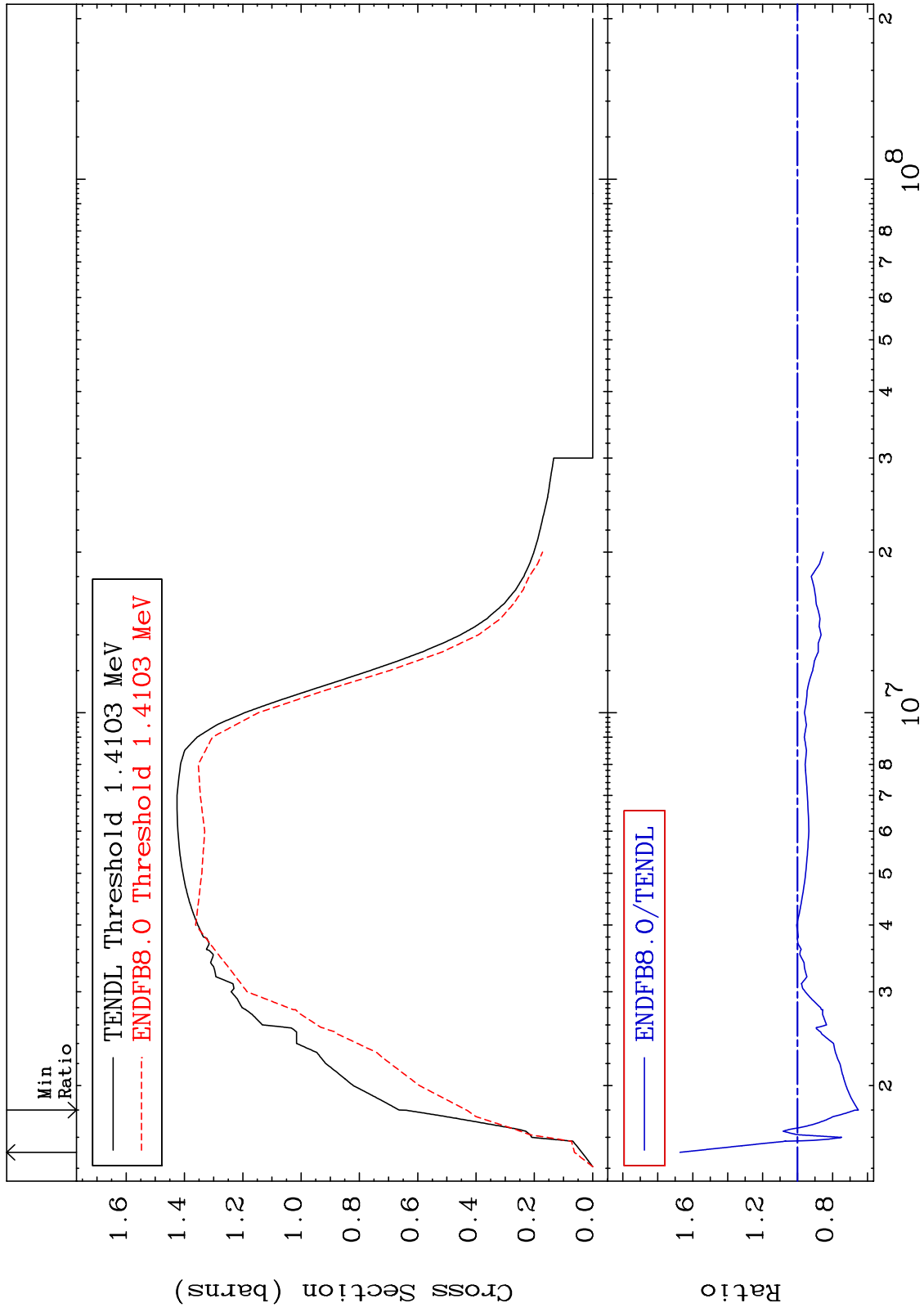
22-Ti-49  
-70.68 To 1690. %



MAT 2234

Inelastic  
Cross Section

22-Ti-49  
-34.81 To 67.28 %



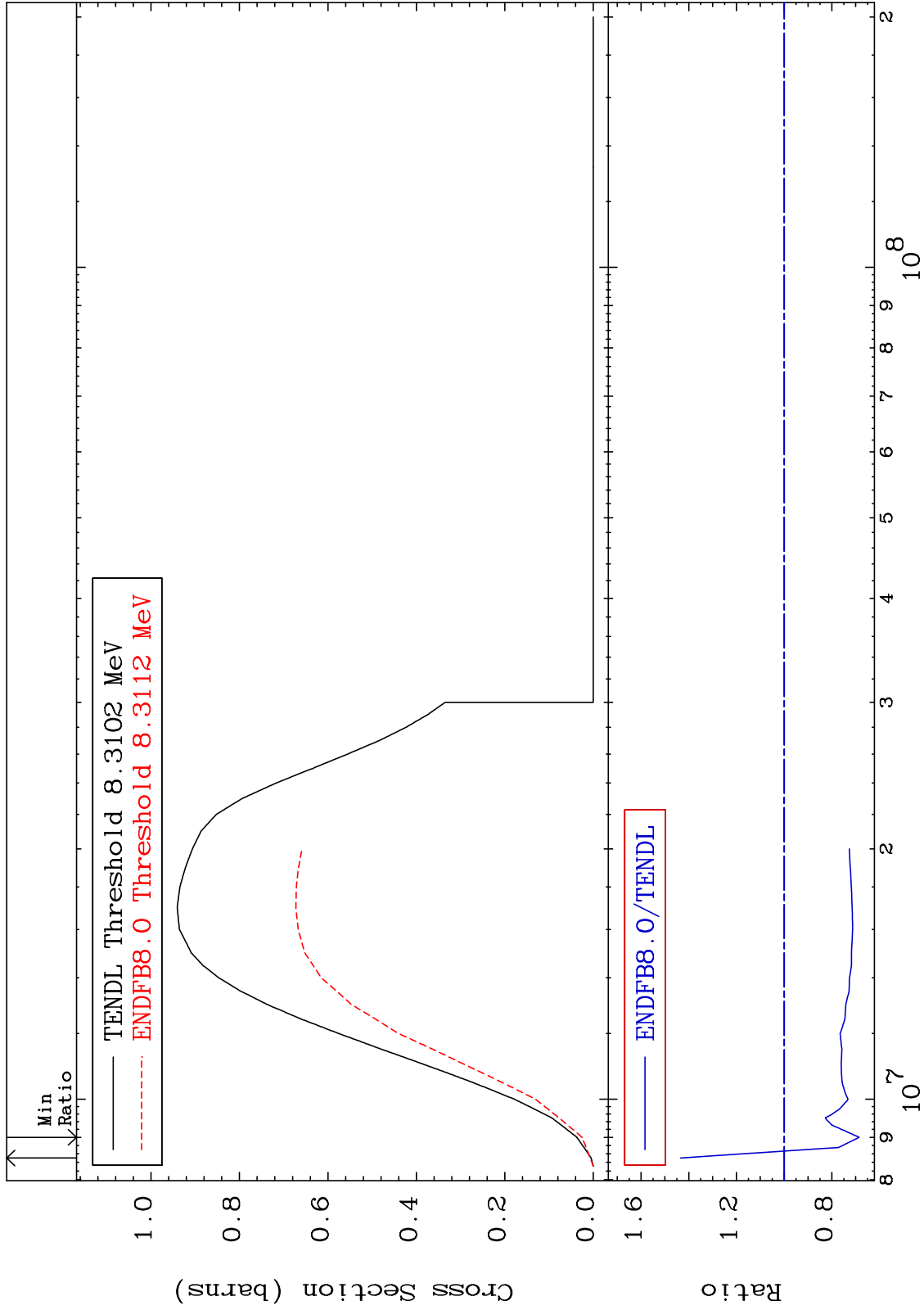
MAT 2234

(n,2n)

22-Ti-49

Cross Section

-31.45 To 43.42 %



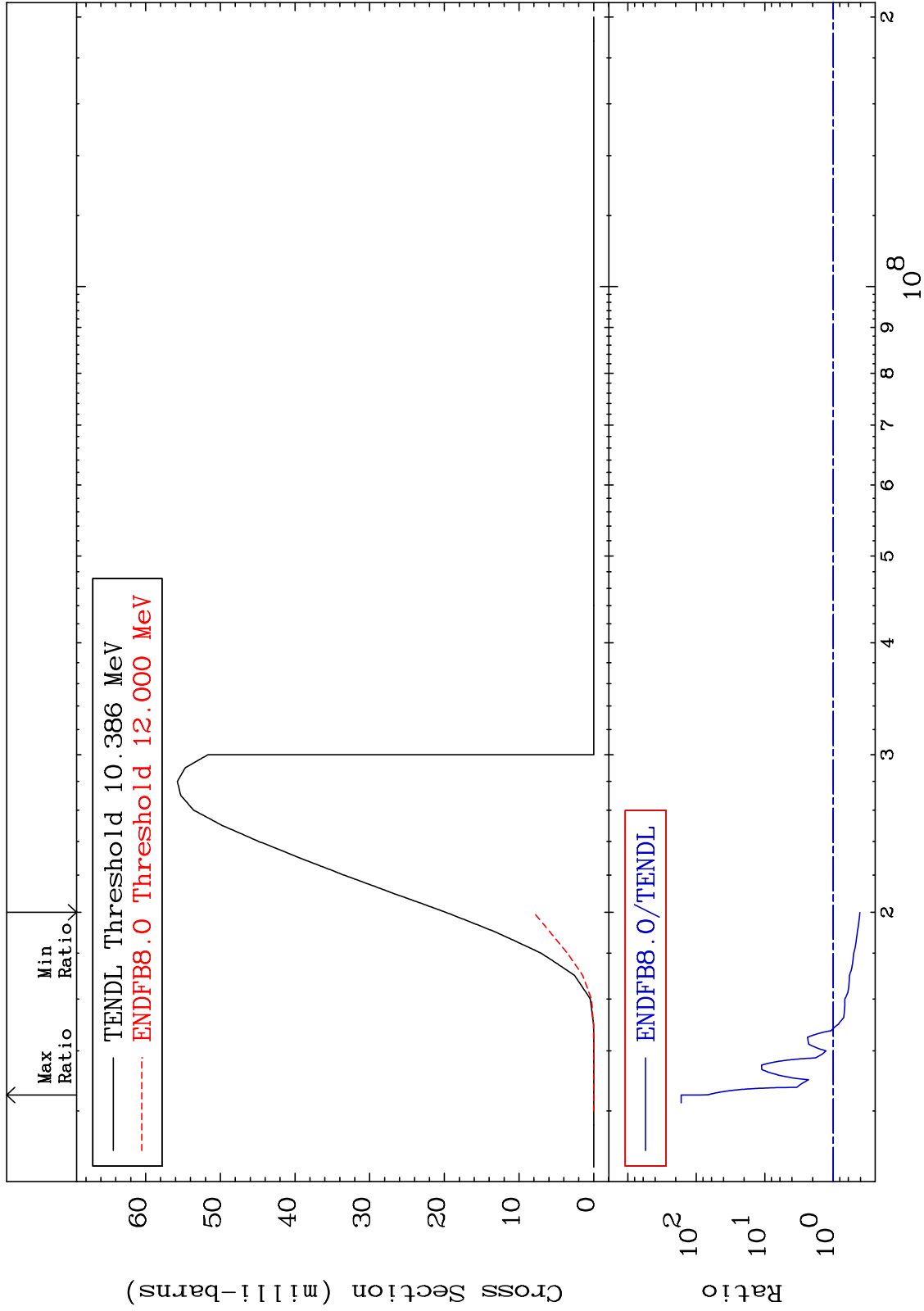
MAT 2234

(n,n')  $\alpha$

22-Ti-49

Cross Section

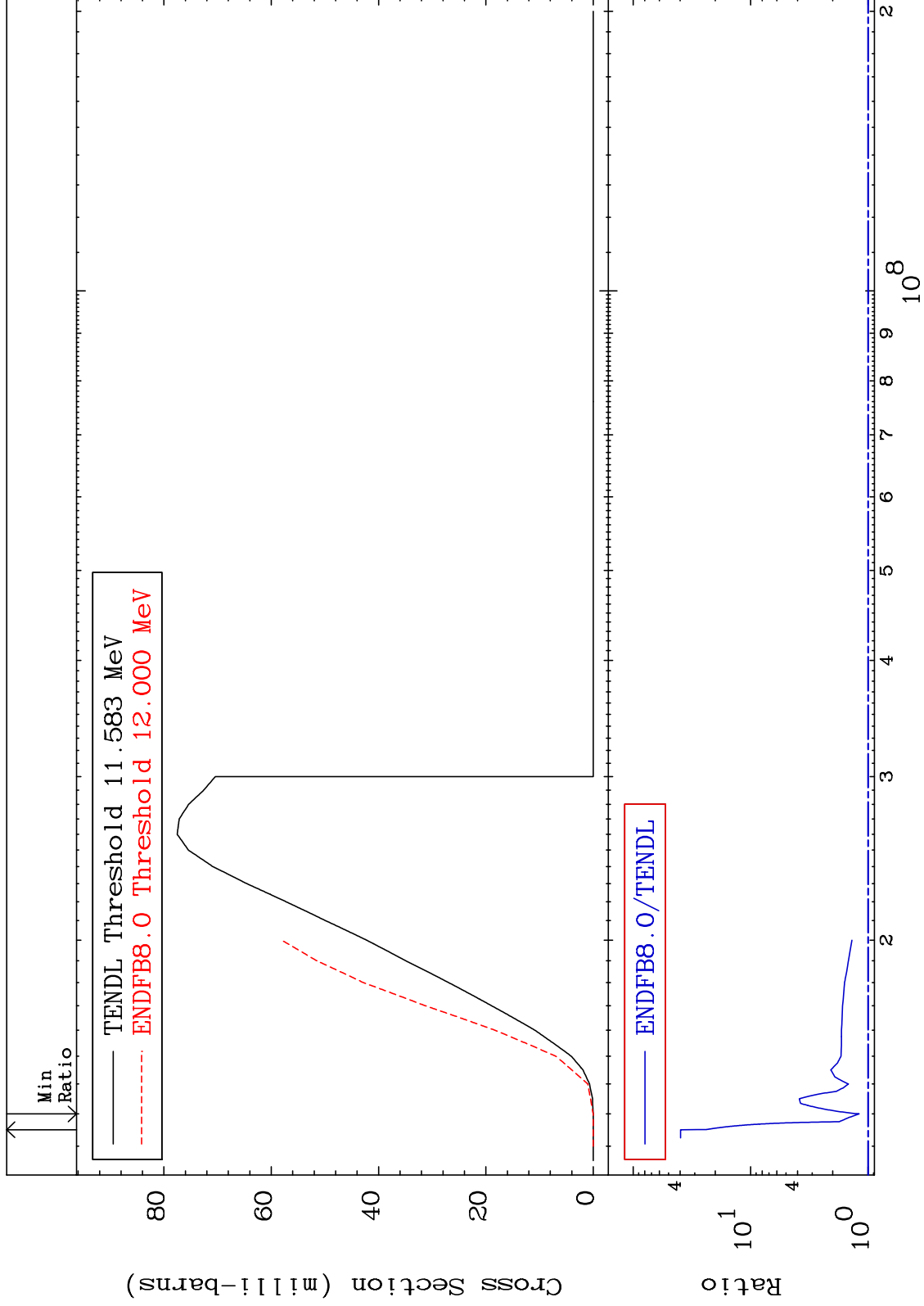
-59.30 To 9999. %



MAT 2234

(n,n') p  
Cross Section

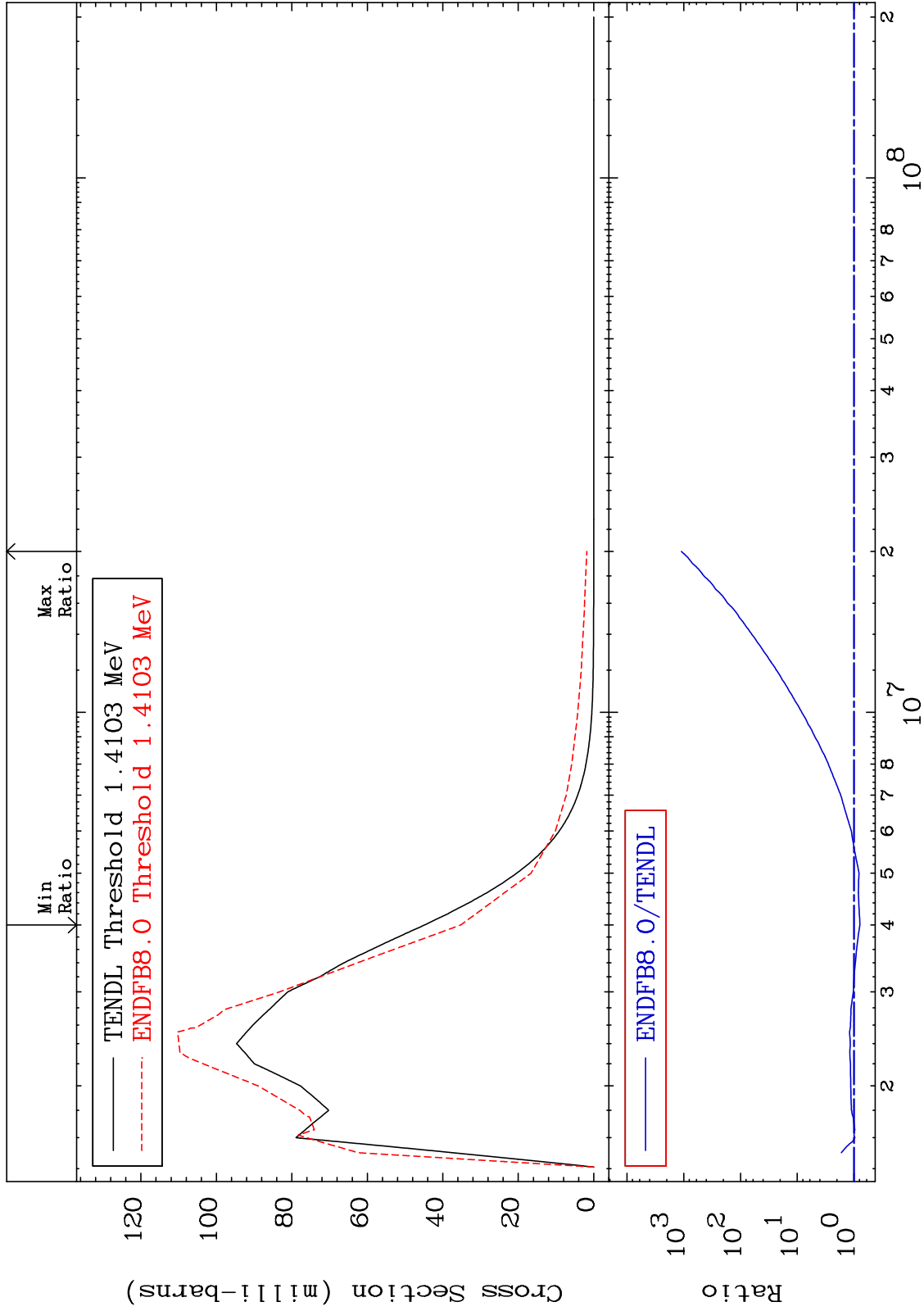
22-Ti-49  
19.27 To 3853. %



MAT 2234

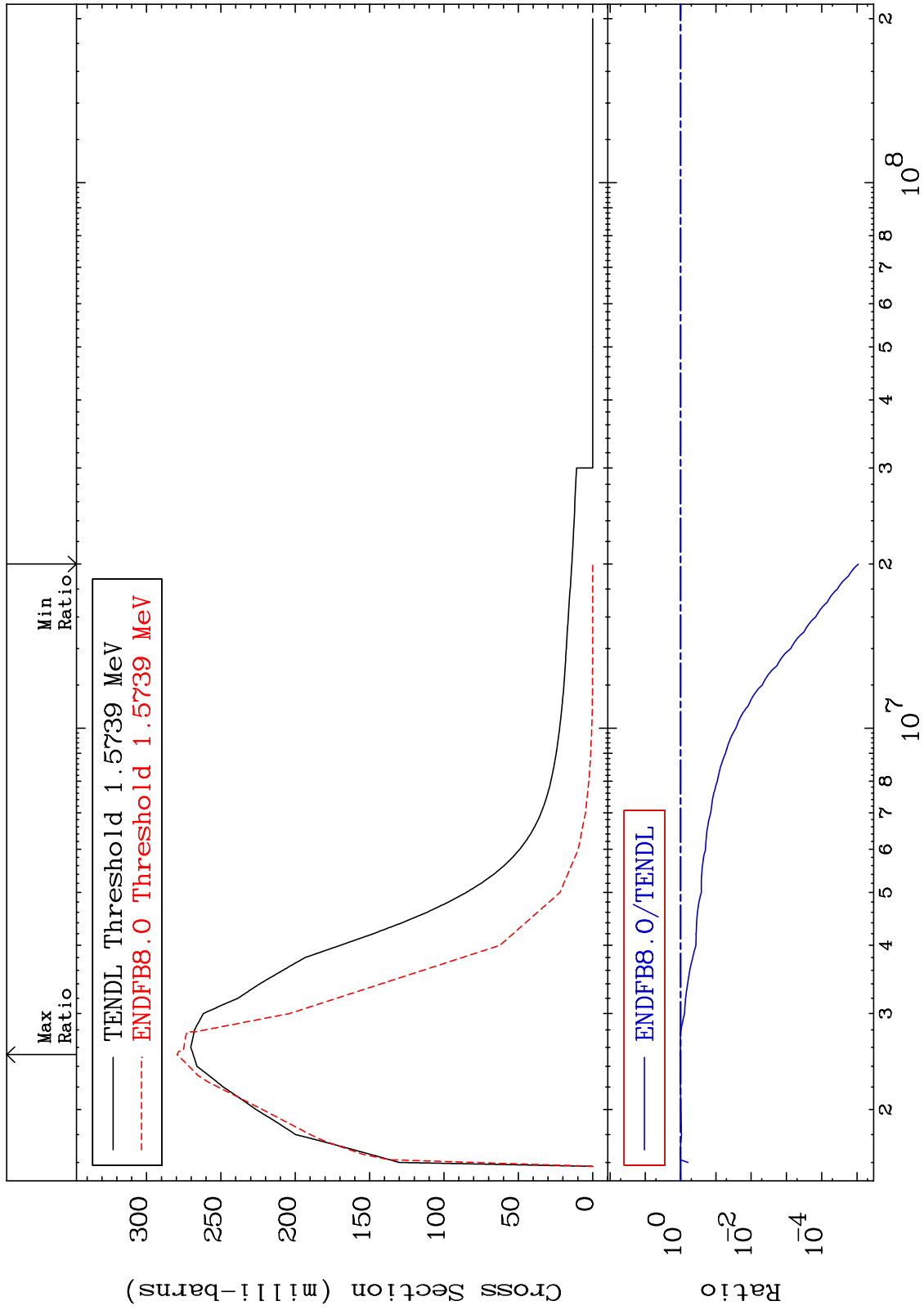
MT= 51 (n,n') Level  
Cross Section

22-Ti-49  
-21.37 To 9999. %

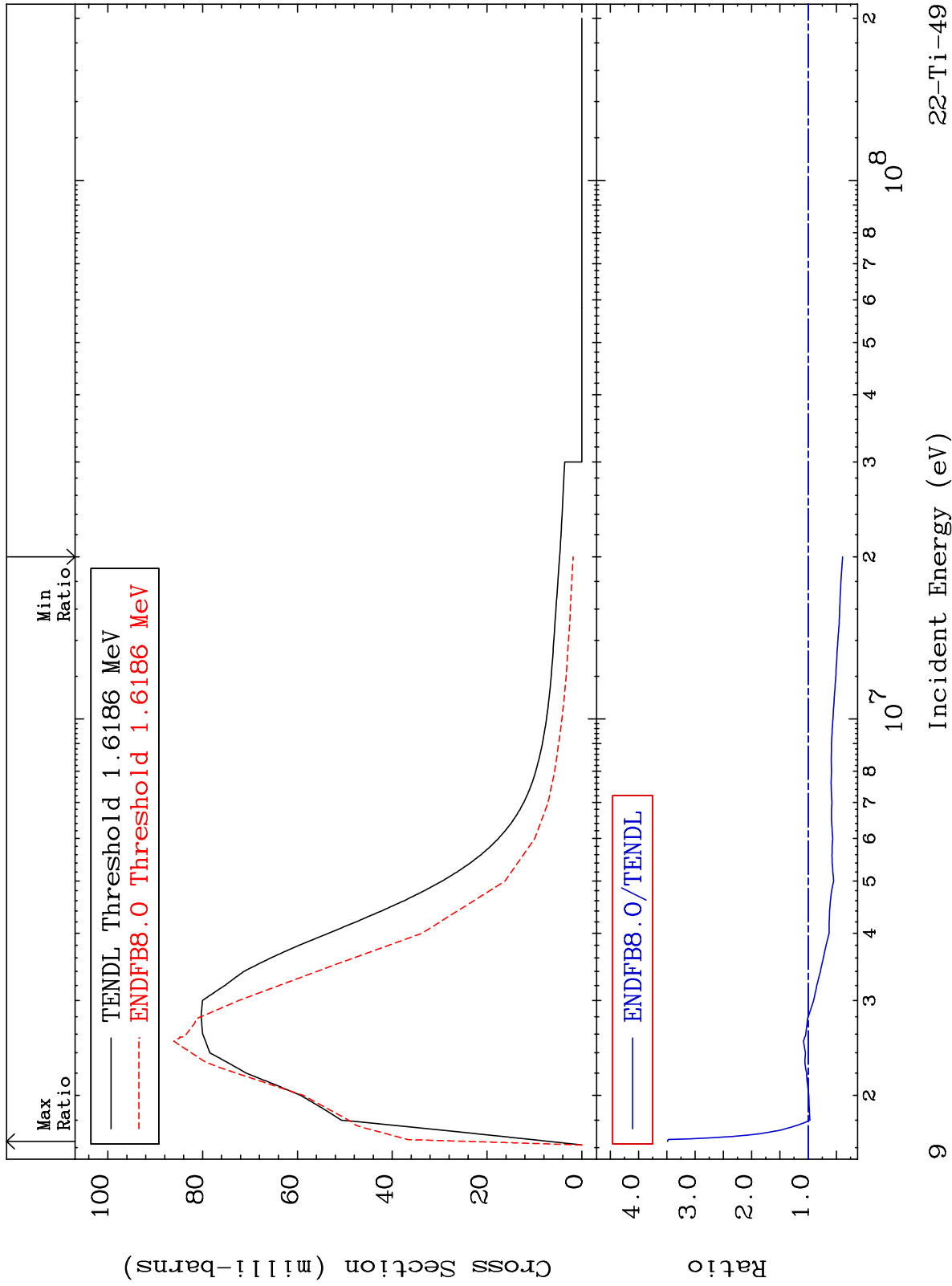




MAT 2234      MT= 52 (n,n') Level Cross Section      22-Ti-49  
 -100.0 To 4.049 %



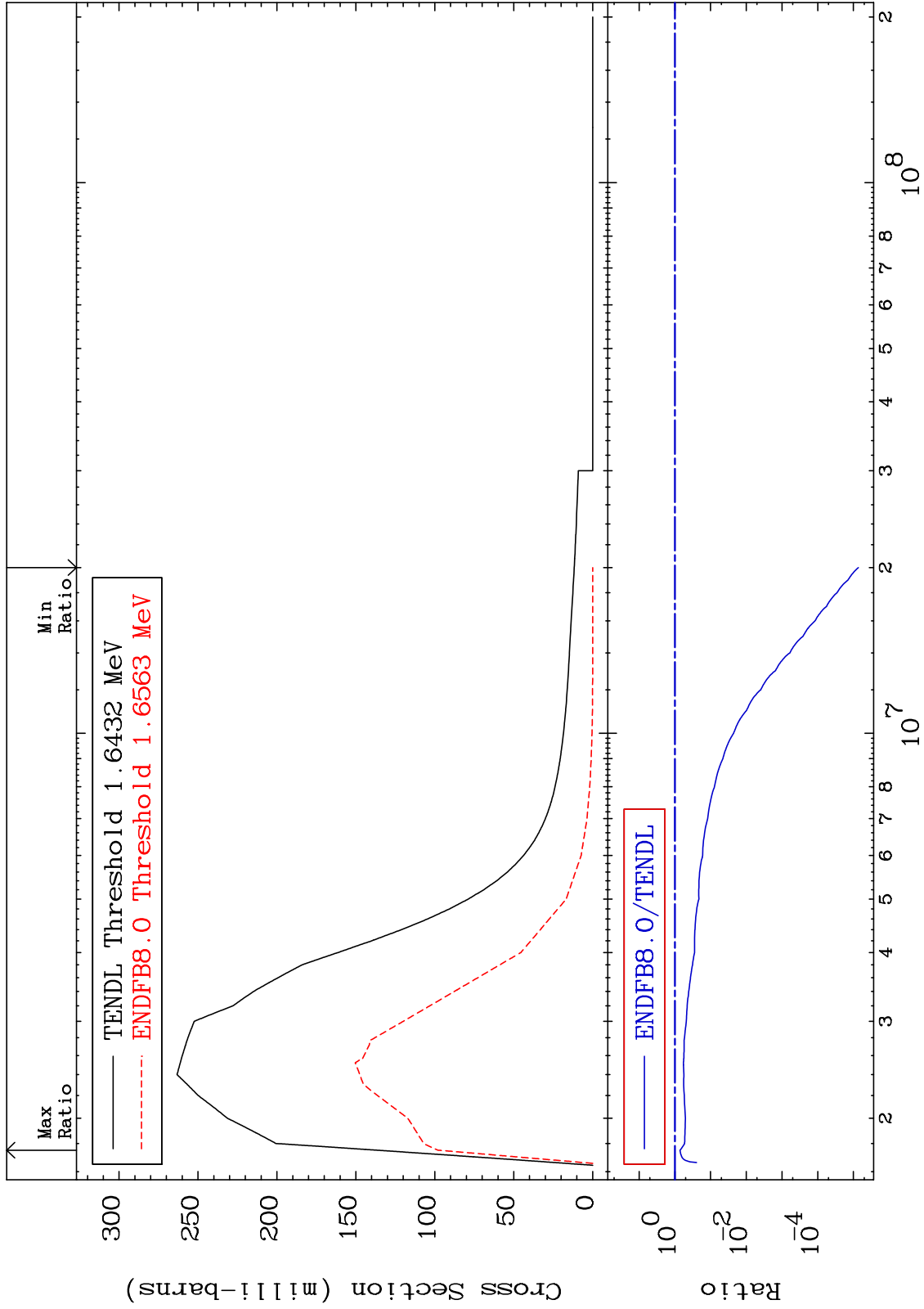
MAT 2234 MT= 53 (n,n') Level Cross Section -60.94 To 248.9 % 22-Ti-49



MAT 2234

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

22-Ti-49  
-100.0 To -28.39%

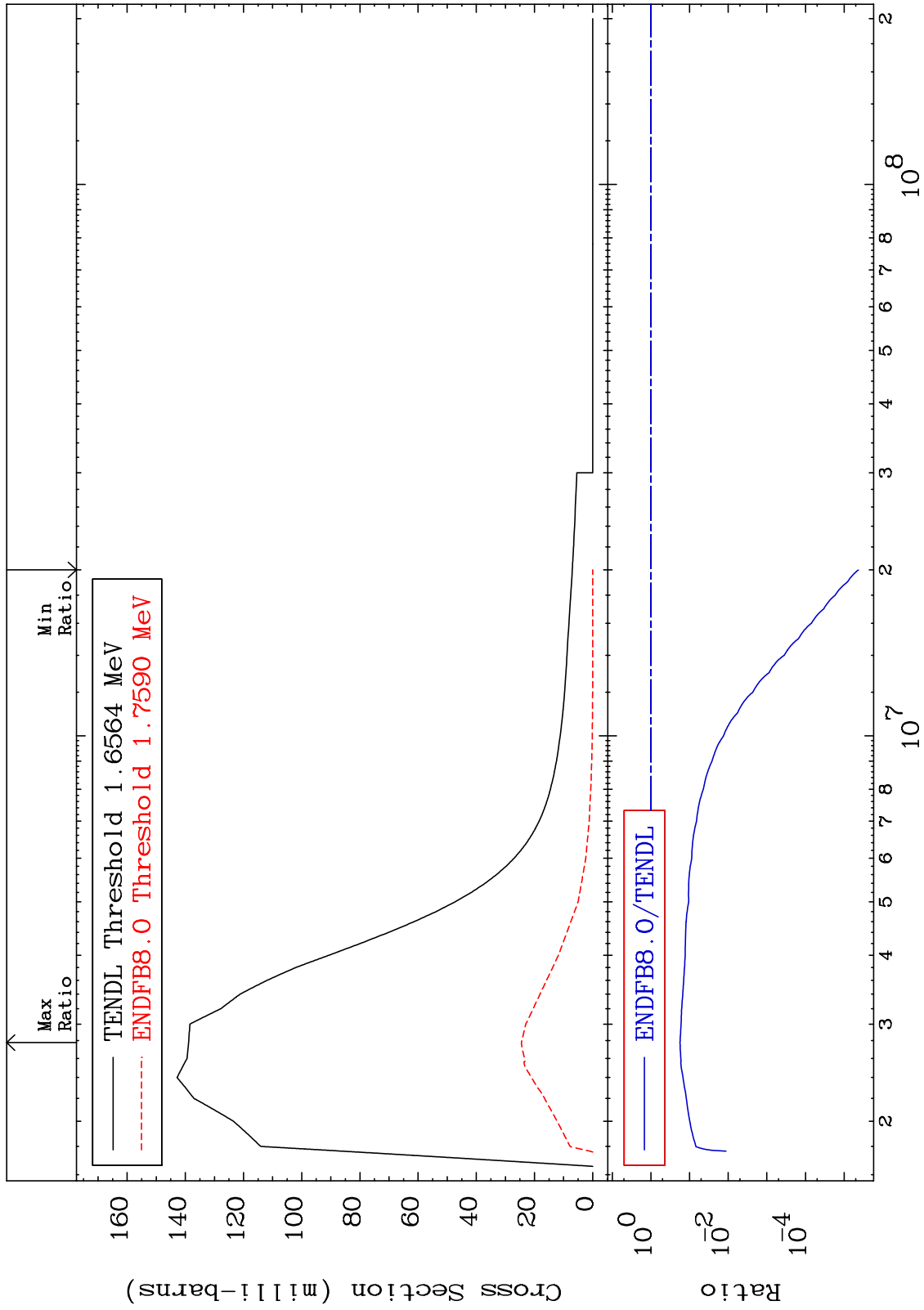


10

Incident Energy (eV)

22-Ti-49

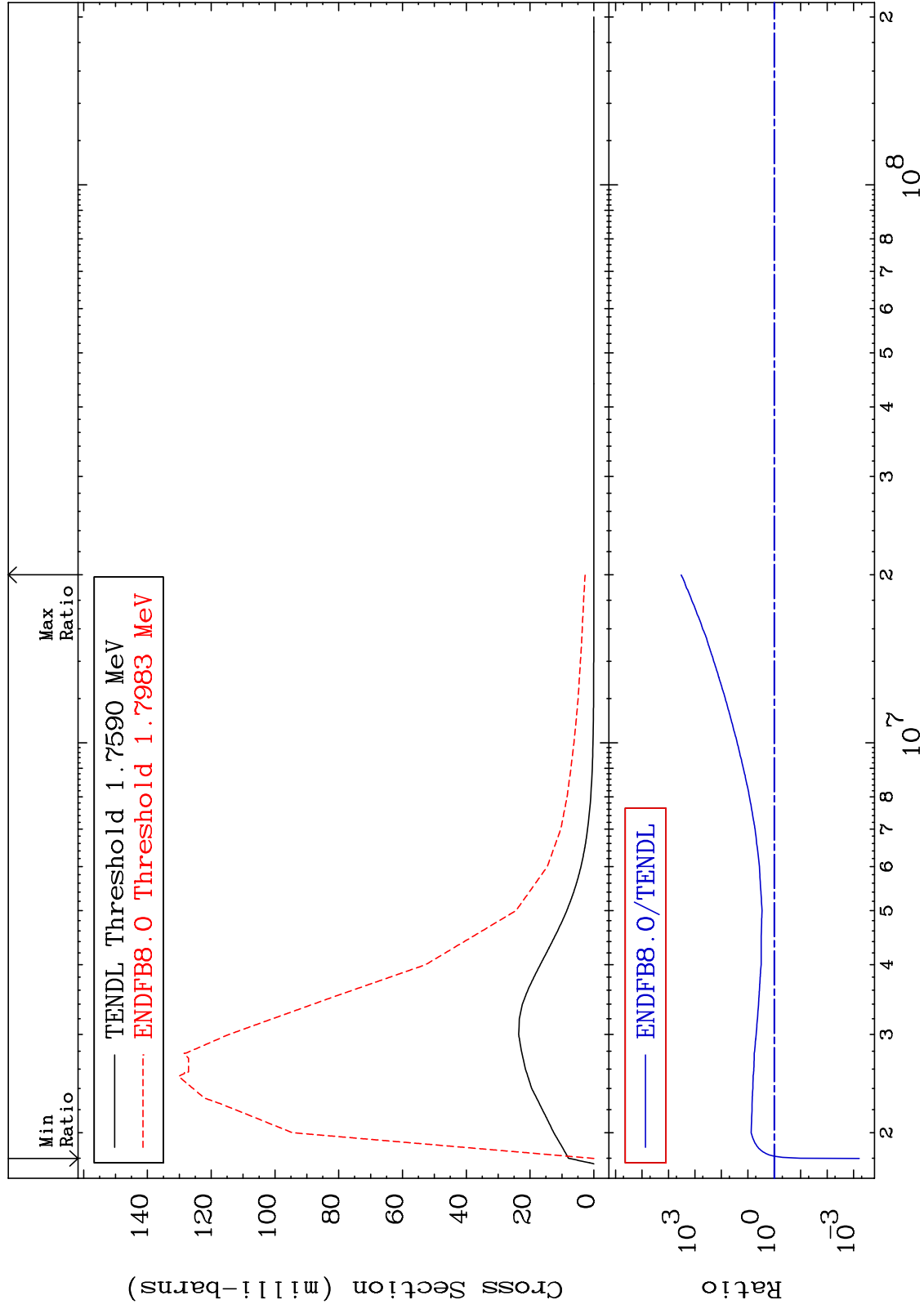
MAT 2234      MT= 55 (n,n') Level Cross Section      22-Ti-49  
 -100.0 To -82.36%



MAT 2234

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

22-Ti-49  
-99.94 To 9999. %



12

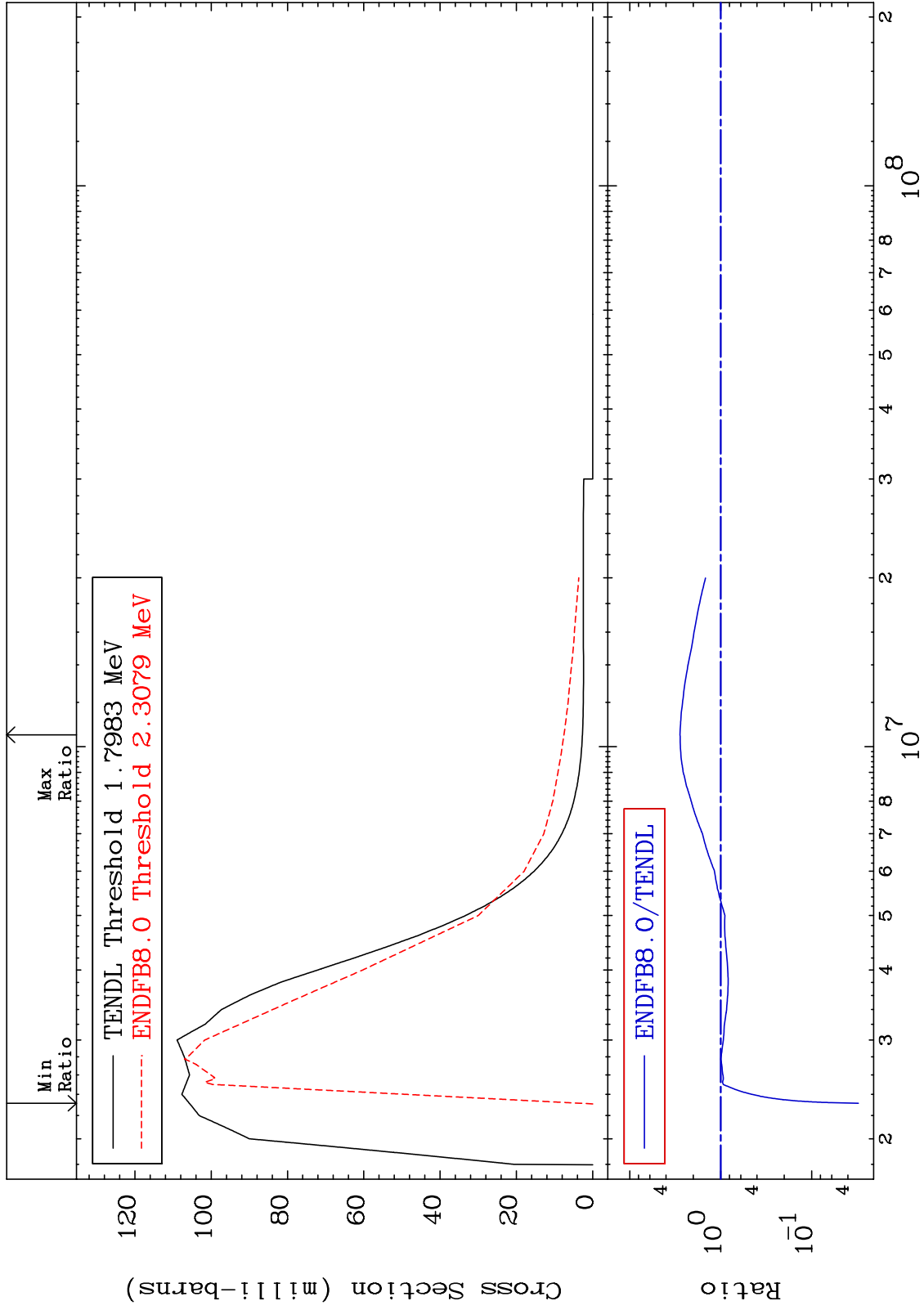
Incident Energy (eV)

22-Ti-49

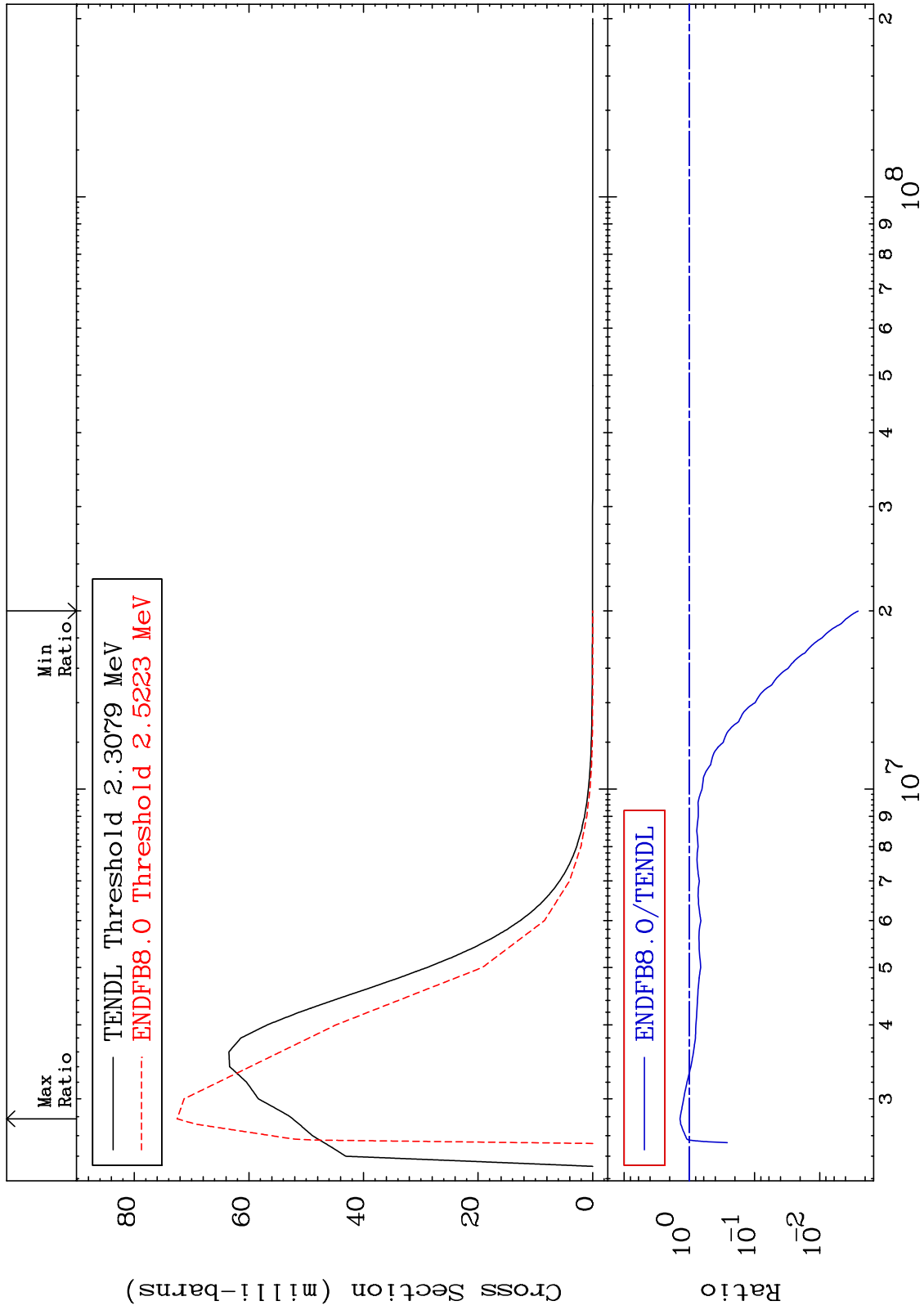
MAT 2234

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

22-Ti-49  
-96.94 To 180.1 %



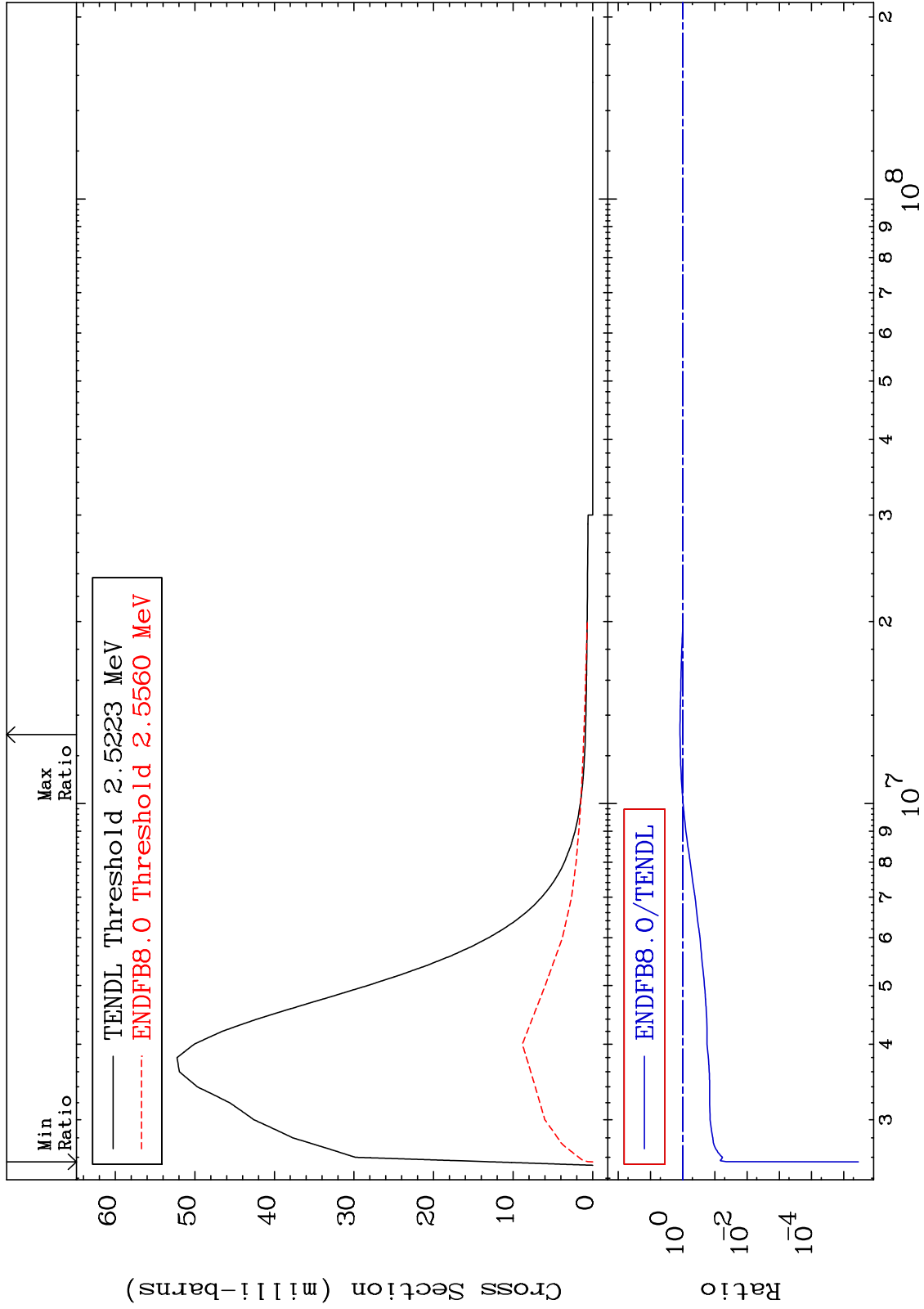
MAT 2234 MT= 58 (n,n') Level Cross Section 22-Ti-49  
 -99.75 To 38.58 %



MAT 2234

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

22-Ti-49  
-100.0 To 21.35 %

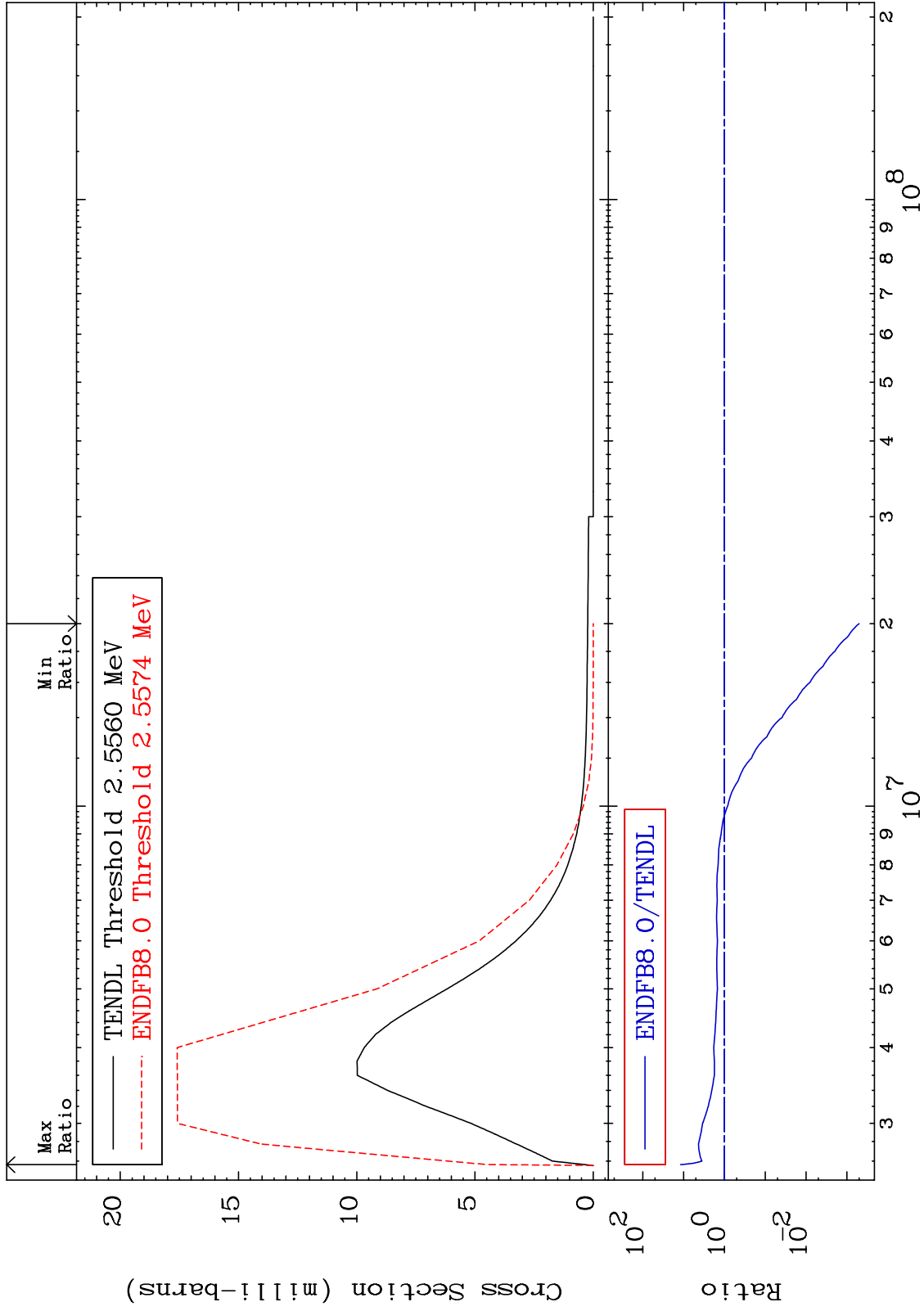




MAT 2234

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

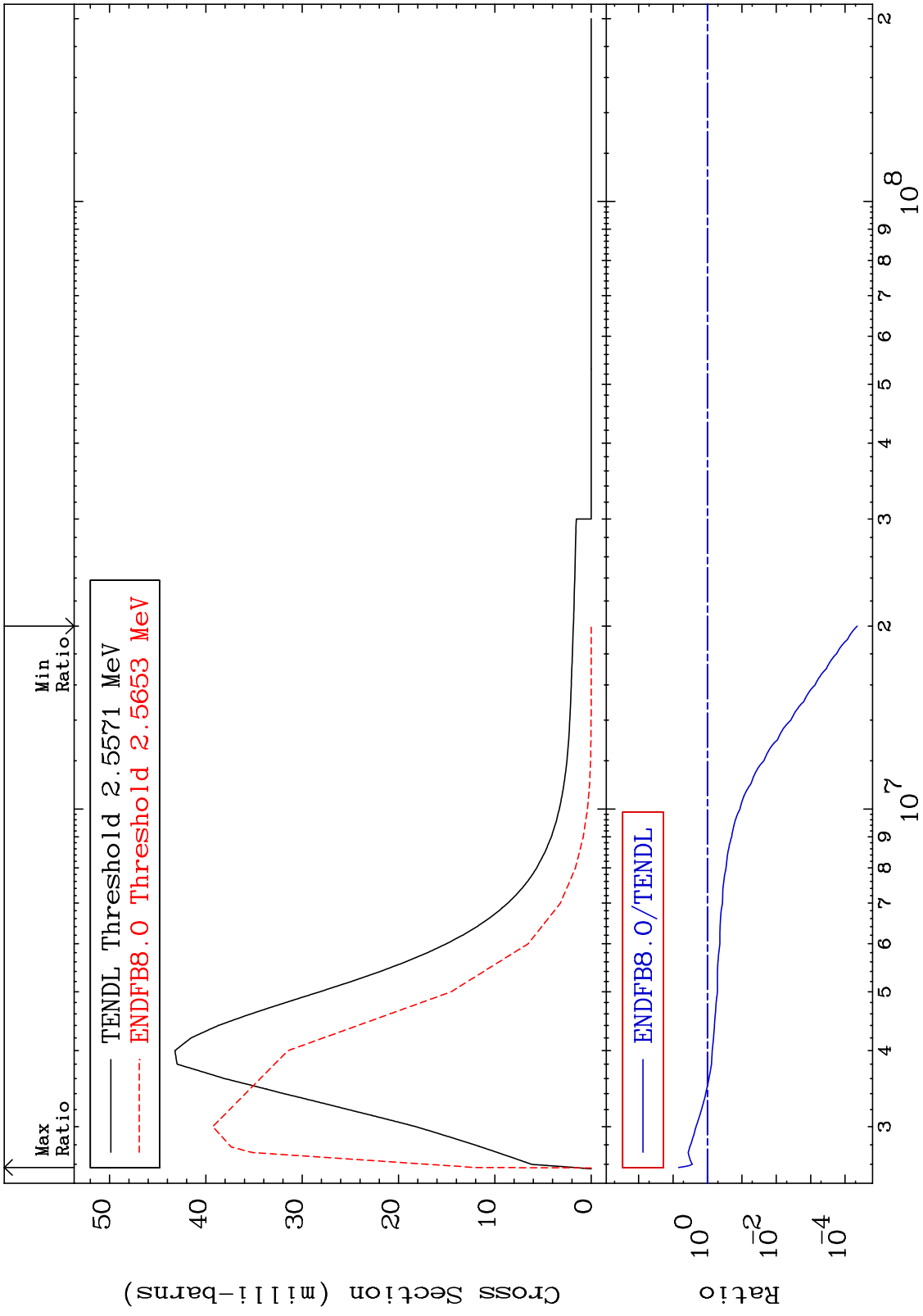
22-Ti-49  
-99.95 To 1079. %



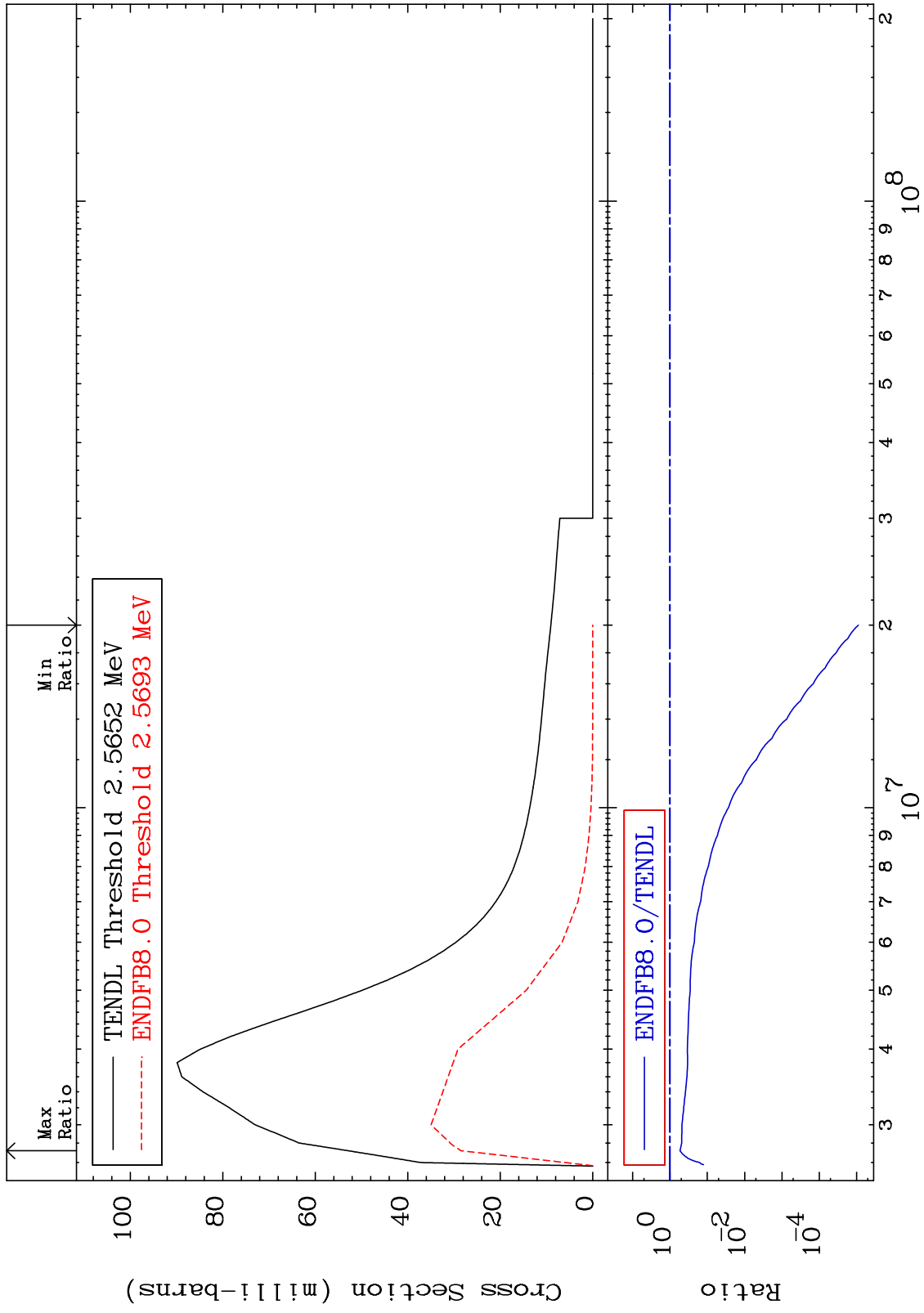
MAT 2234

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

22-Ti-49  
-100.0 To 588.8 %



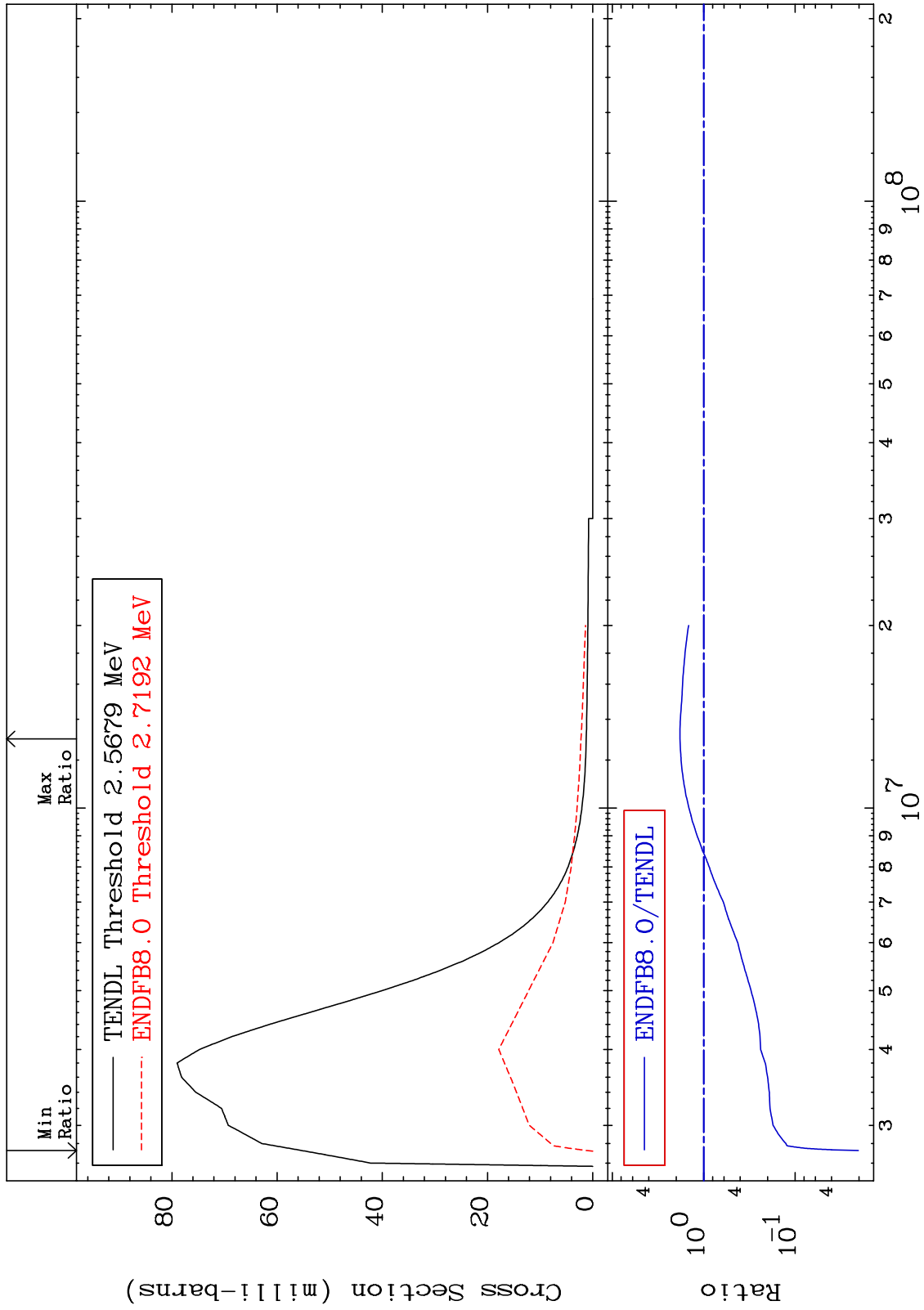
MAT 2234      MT= 62 (n,n') Level      22-Ti-49  
 Cross Section      -100.0 To -46.16%



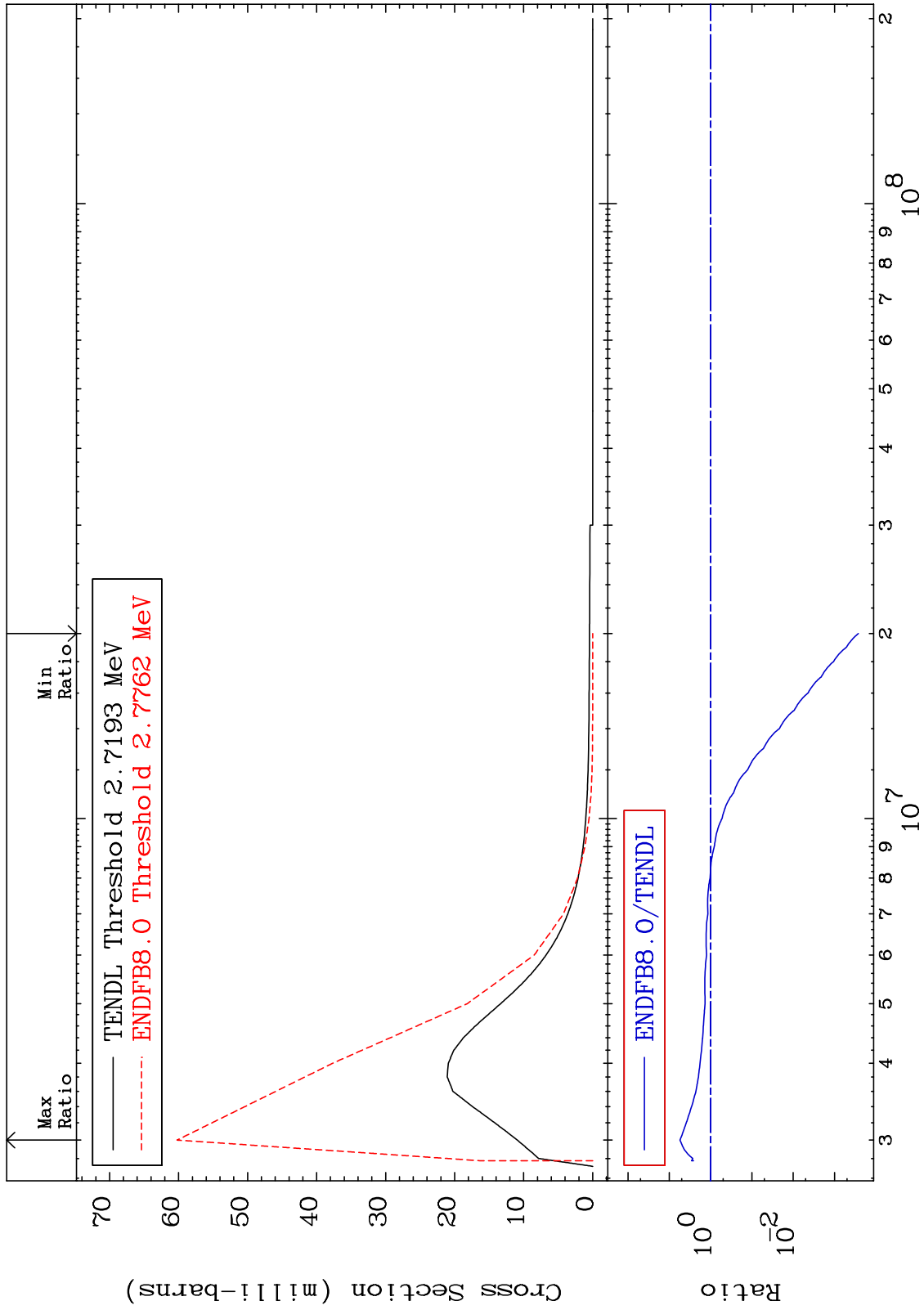
MAT 2234

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

22-Ti-49  
-97.97 To 81.69 %



MAT 2234      MT= 64 (n,n') Level Cross Section      22-Ti-49  
 -99.97 To 450.8 %

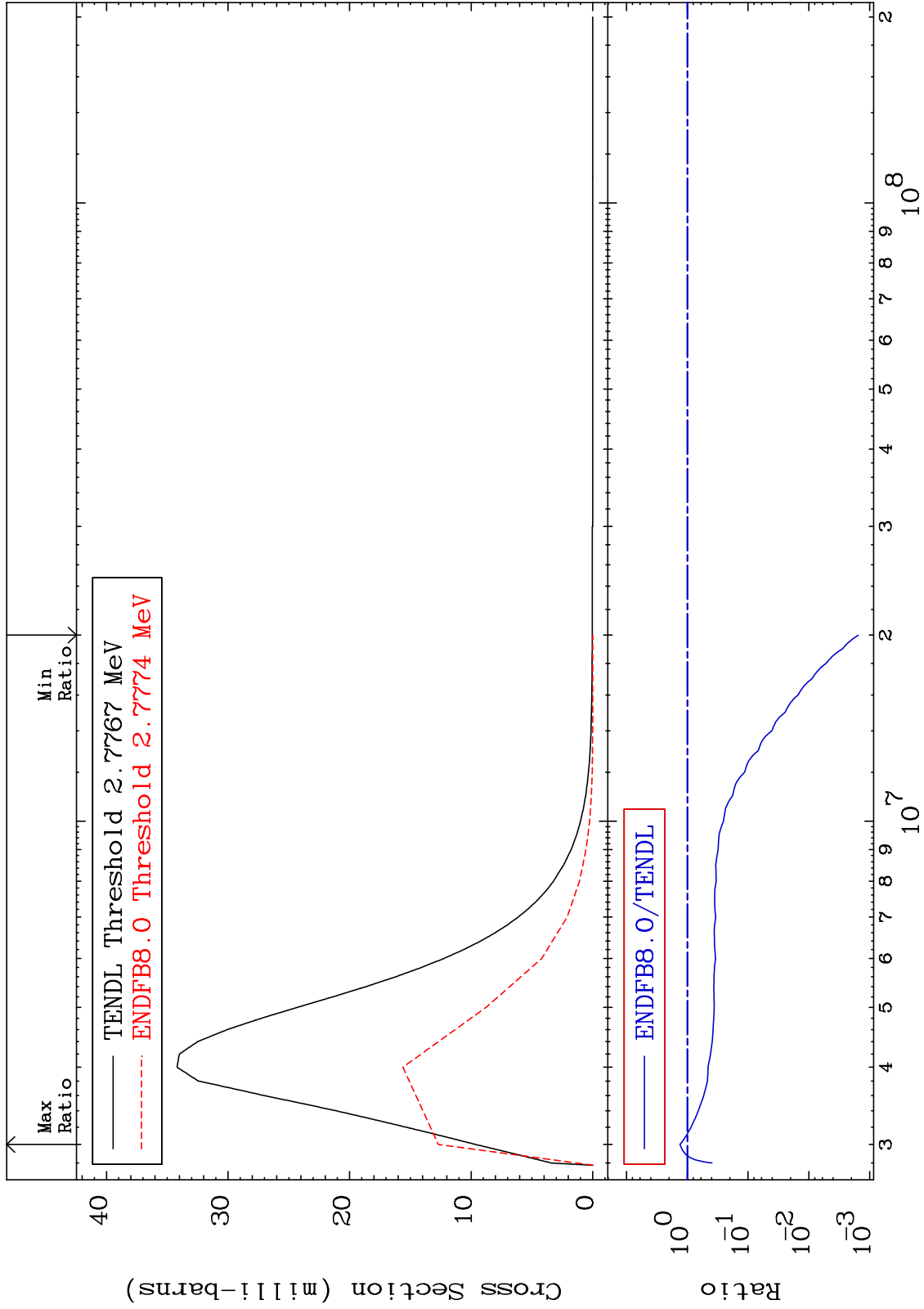


20      Incident Energy (eV)      22-Ti-49

MAT 2234

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

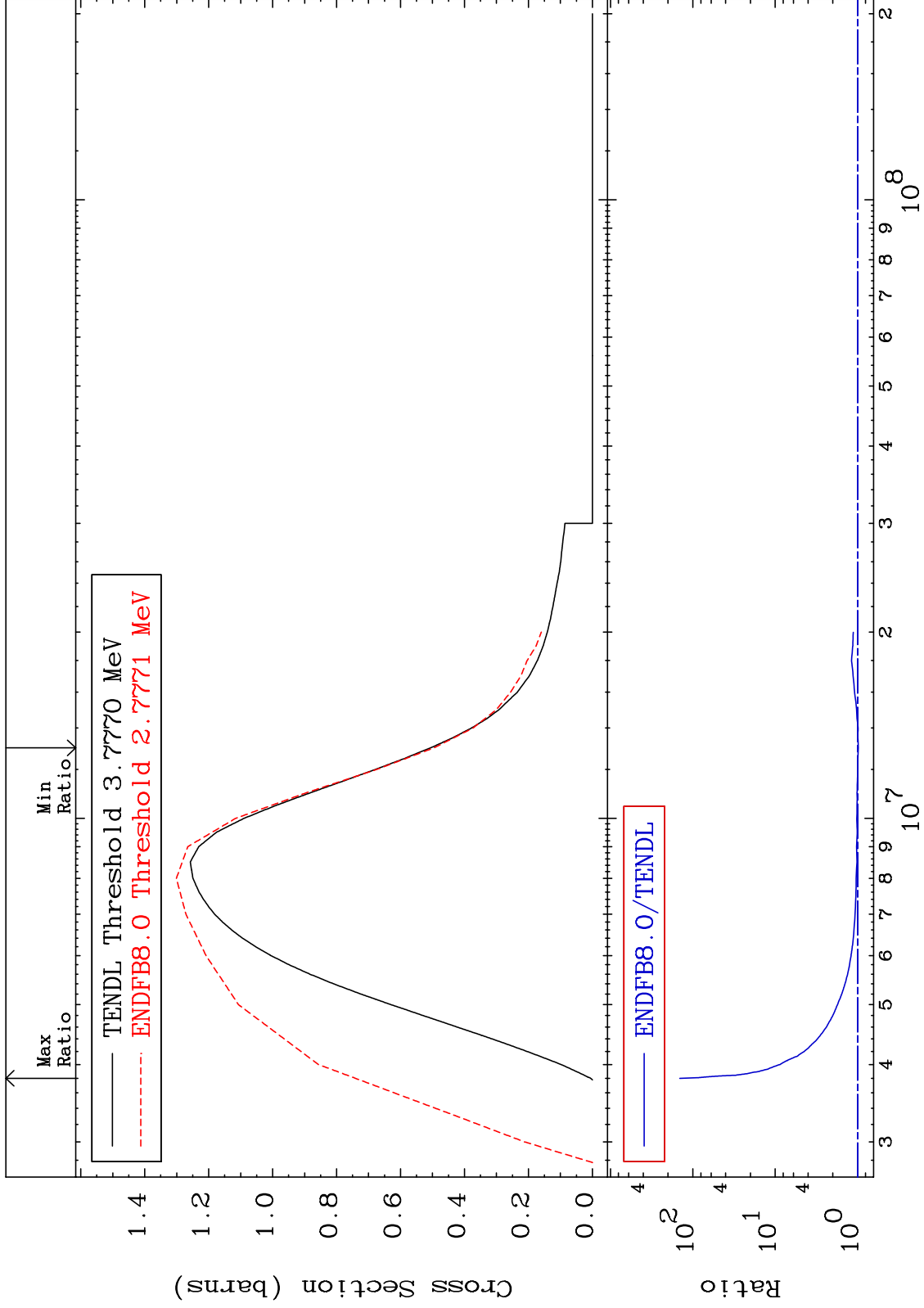
22-Ti-49  
-99.85 To 31.81 %



MAT 2234

(n,n') Continuum  
Cross Section

22-Ti-49  
-2.043 To 9999. %



22

Incident Energy (eV)

22-Ti-49

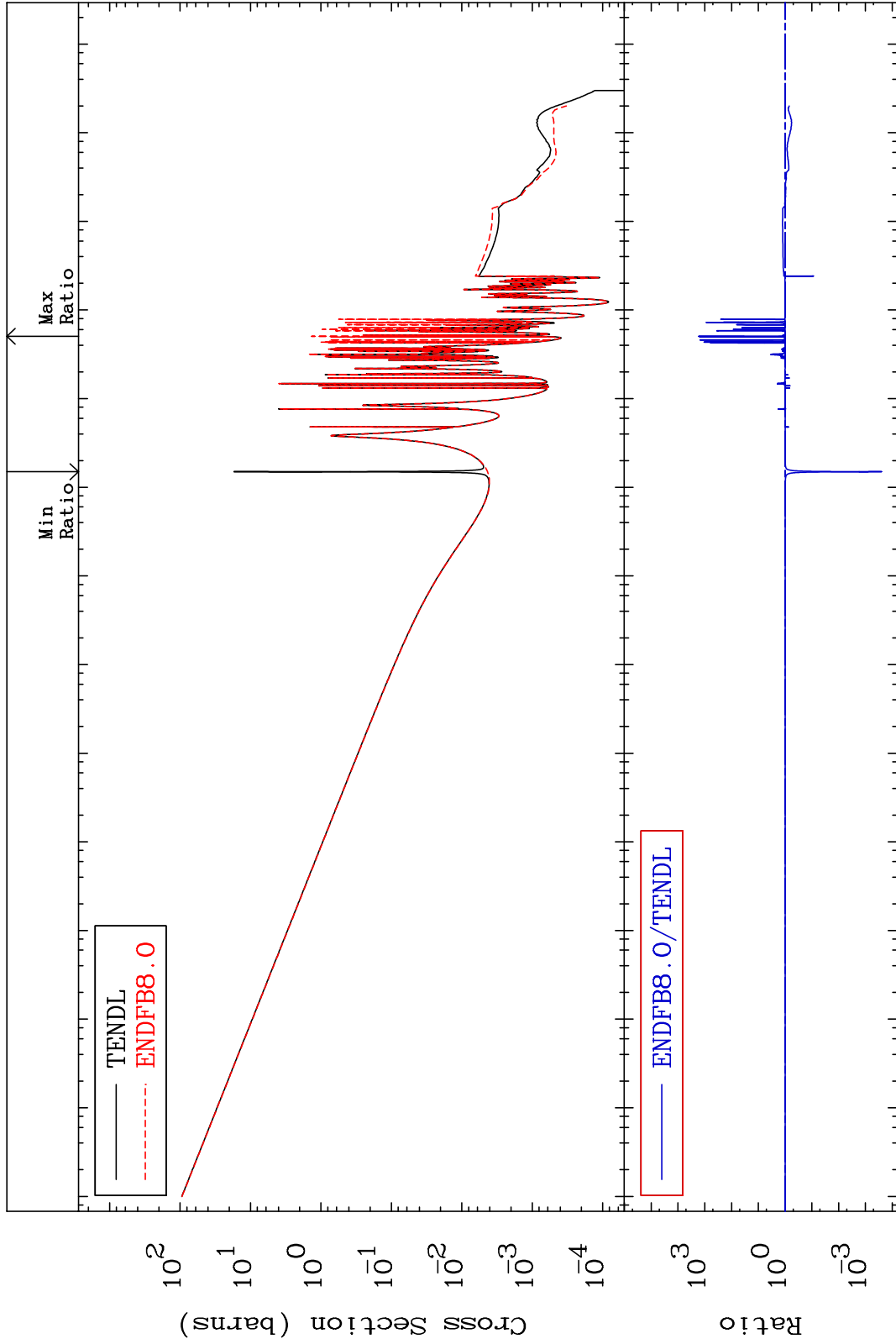
MAT 2234

(n,  $\gamma$ )

22-Ti-49

Cross Section

-99.97 To 9999. %



23

Incident Energy (eV)

22-Ti-49



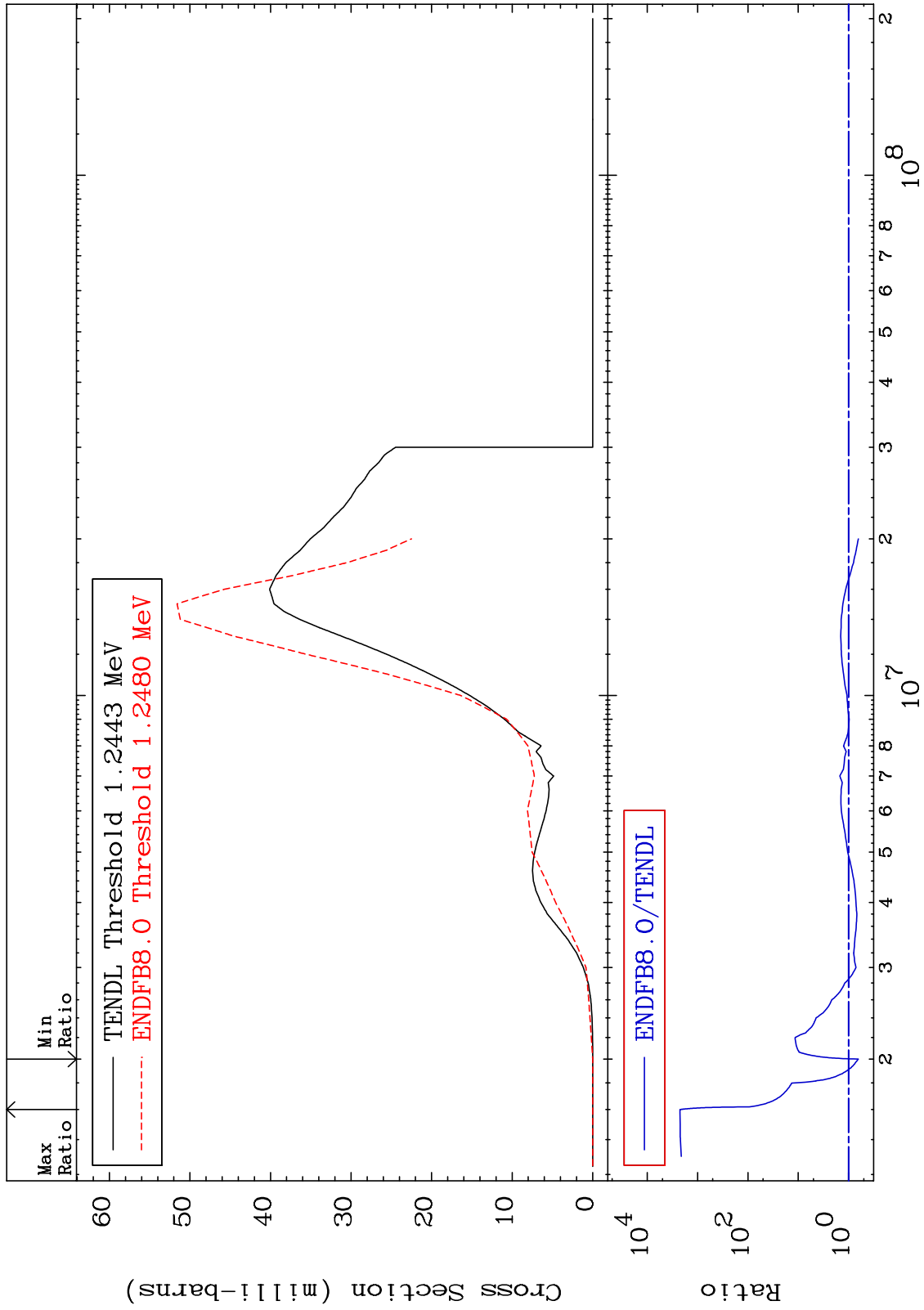
MAT 2234

(n,p)

22-Ti-49

Cross Section

-36.19 To 9999. %



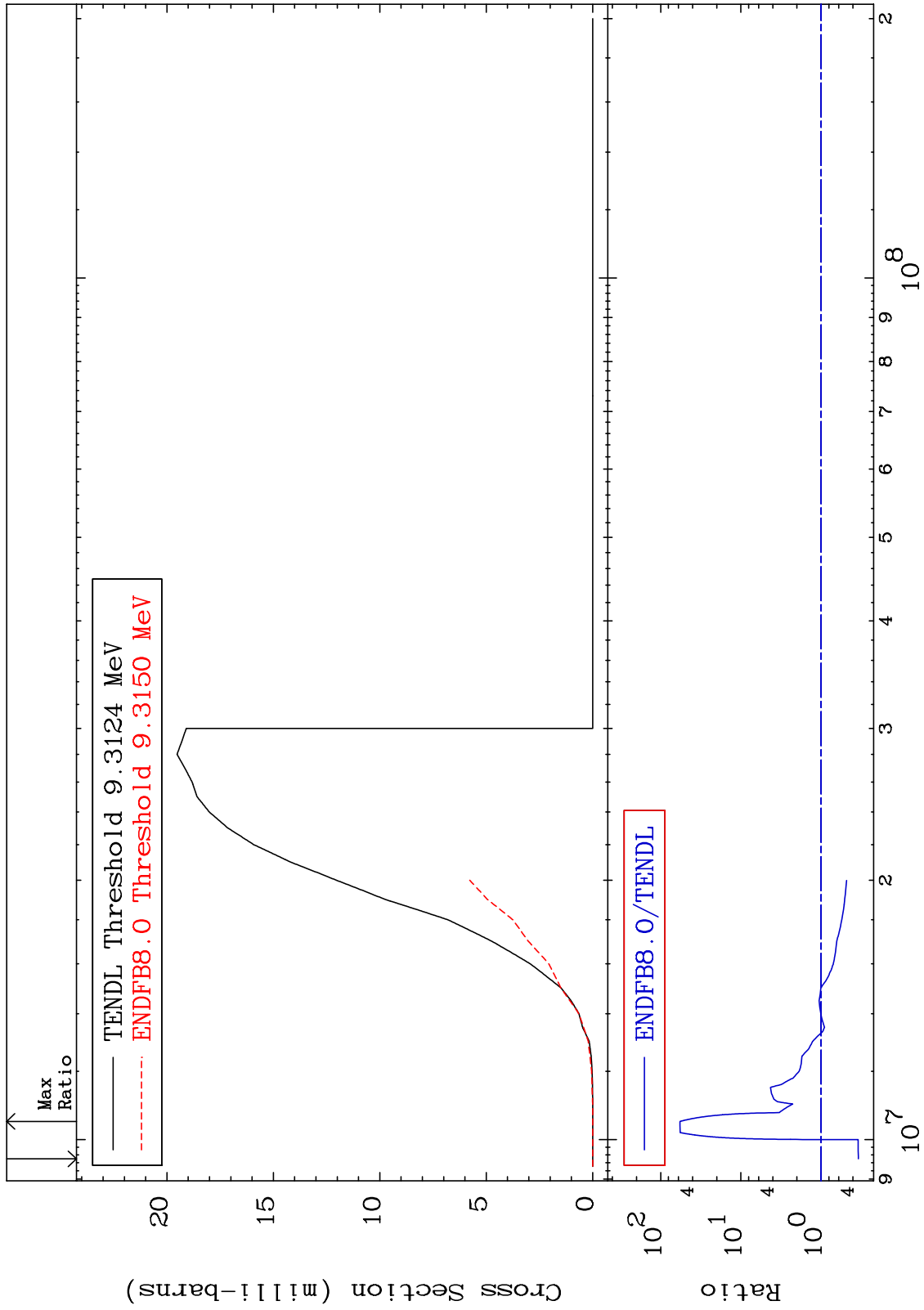
MAT 2234

(n, d)

22-Ti-49

Cross Section

-65.80 To 5639. %



25

Incident Energy (eV)

22-Ti-49

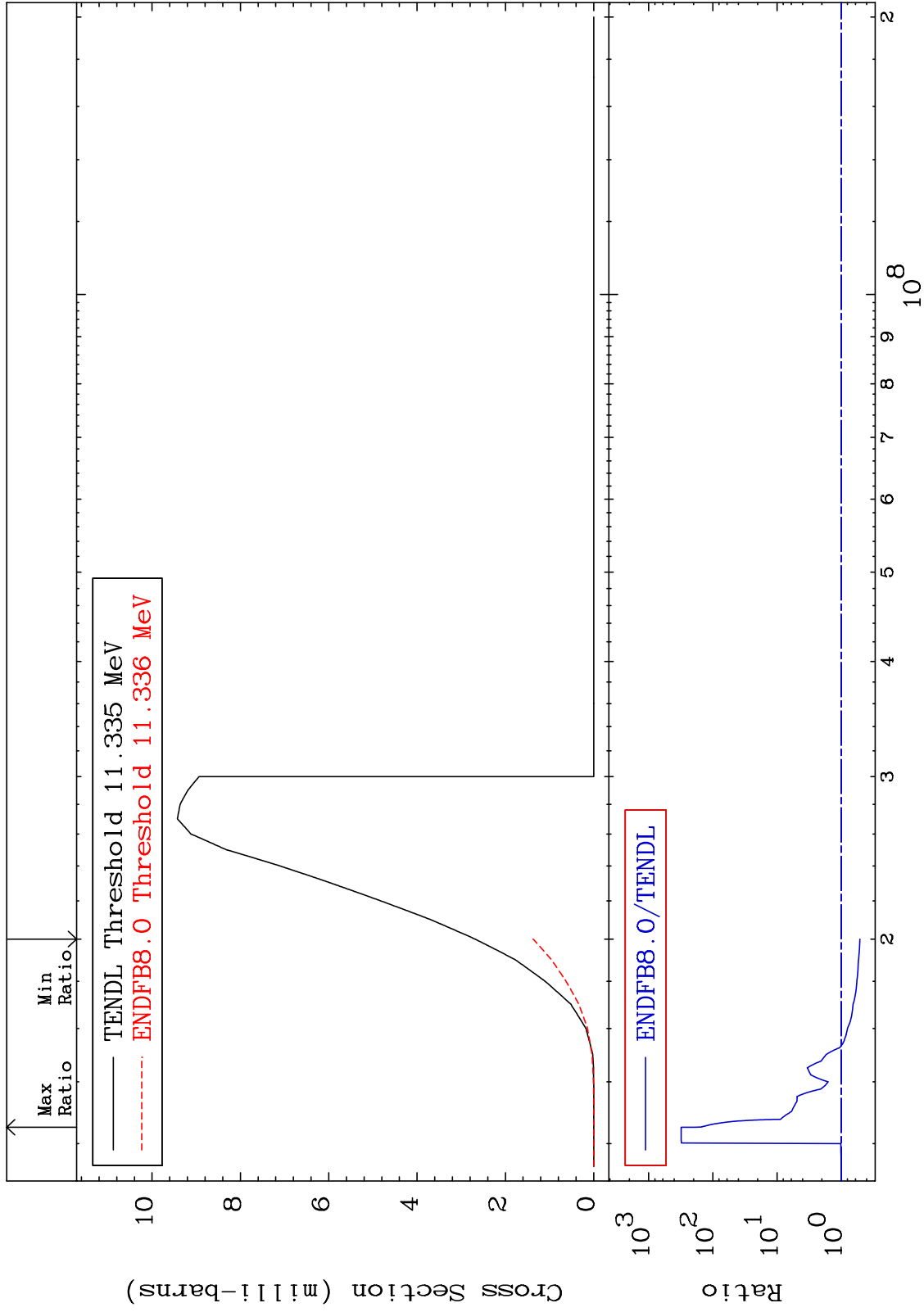
MAT 2234

(n, t)

22-Ti-49

Cross Section

-48.93 To 9999. %



22-Ti-49

Incident Energy (eV)

26

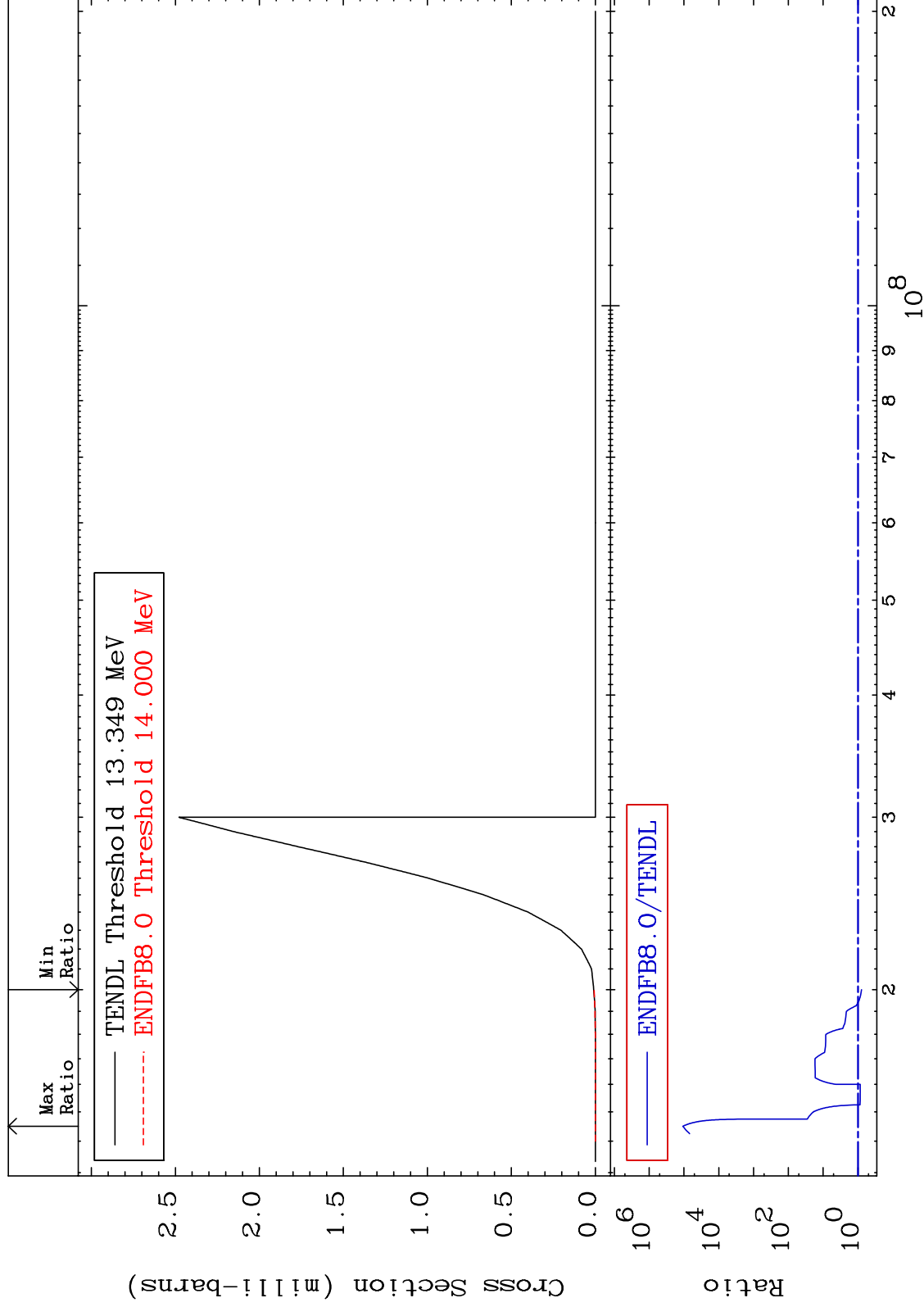
MAT 2234

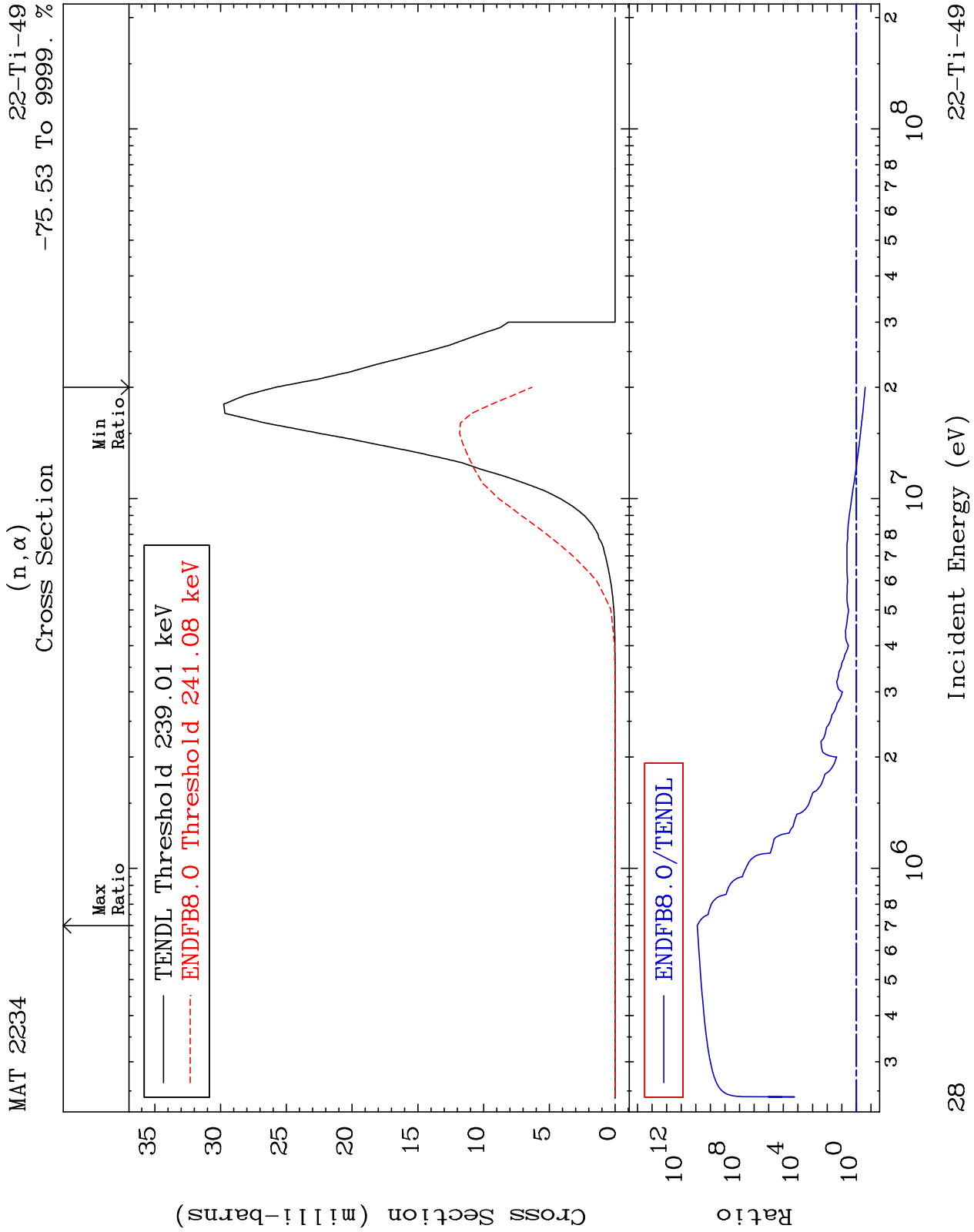
(n, He-3)

22-Ti-49

Cross Section

-21.36 To 9999. %





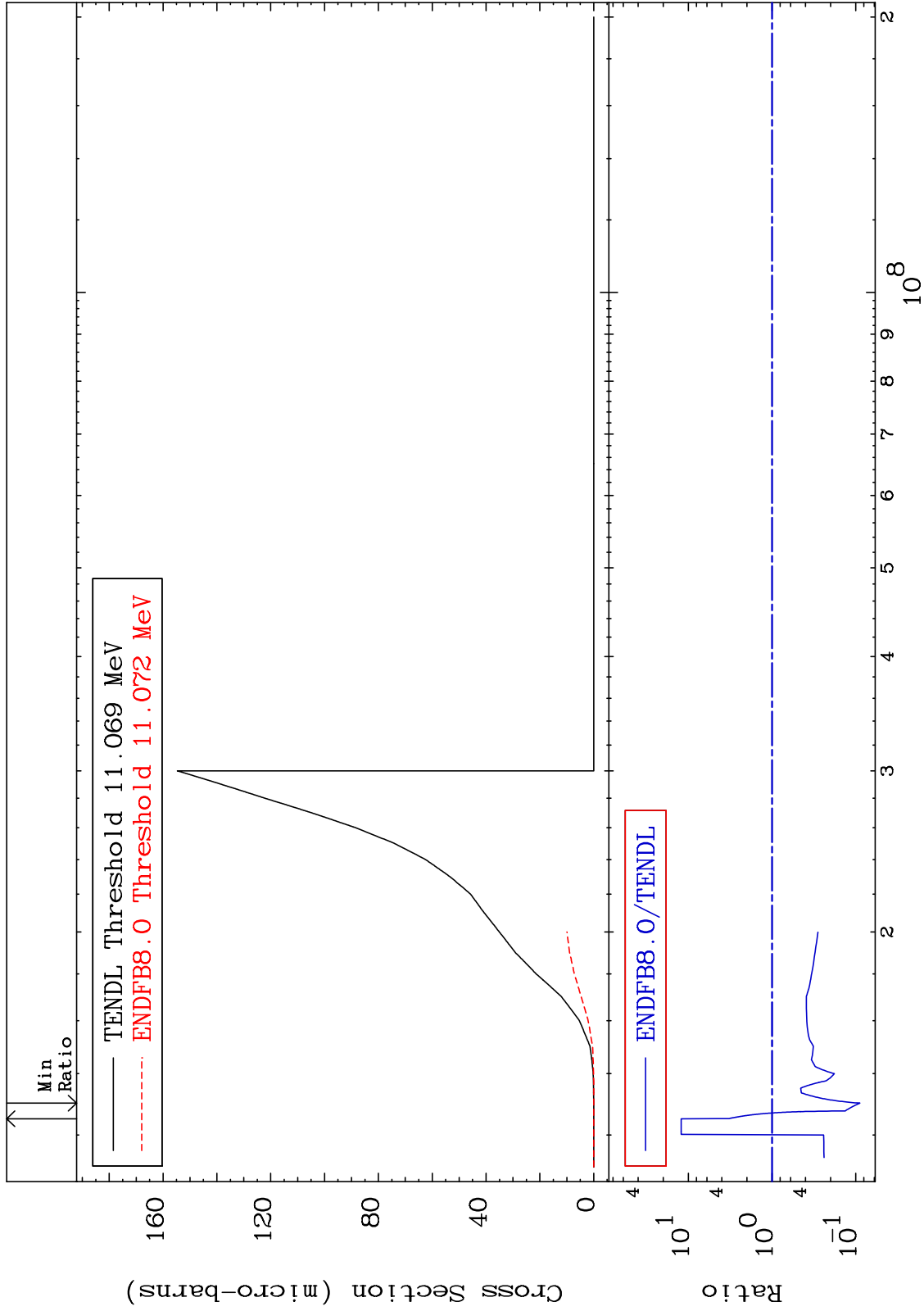
MAT 2234

(n,2p)

22-Ti-49

Cross Section

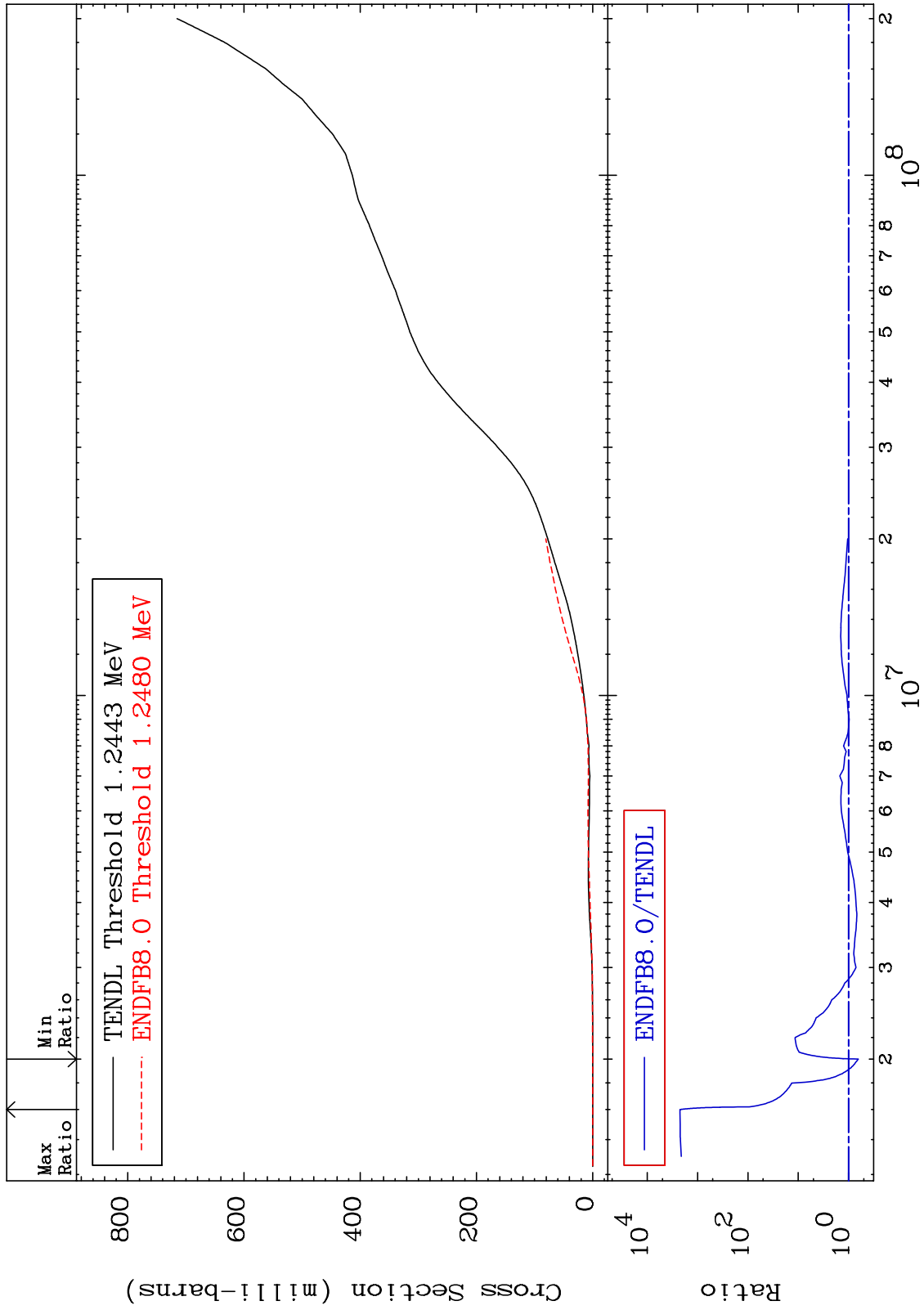
-91.08 To 1120. %



MAT 2234

Hydrogen Production  
Cross Section

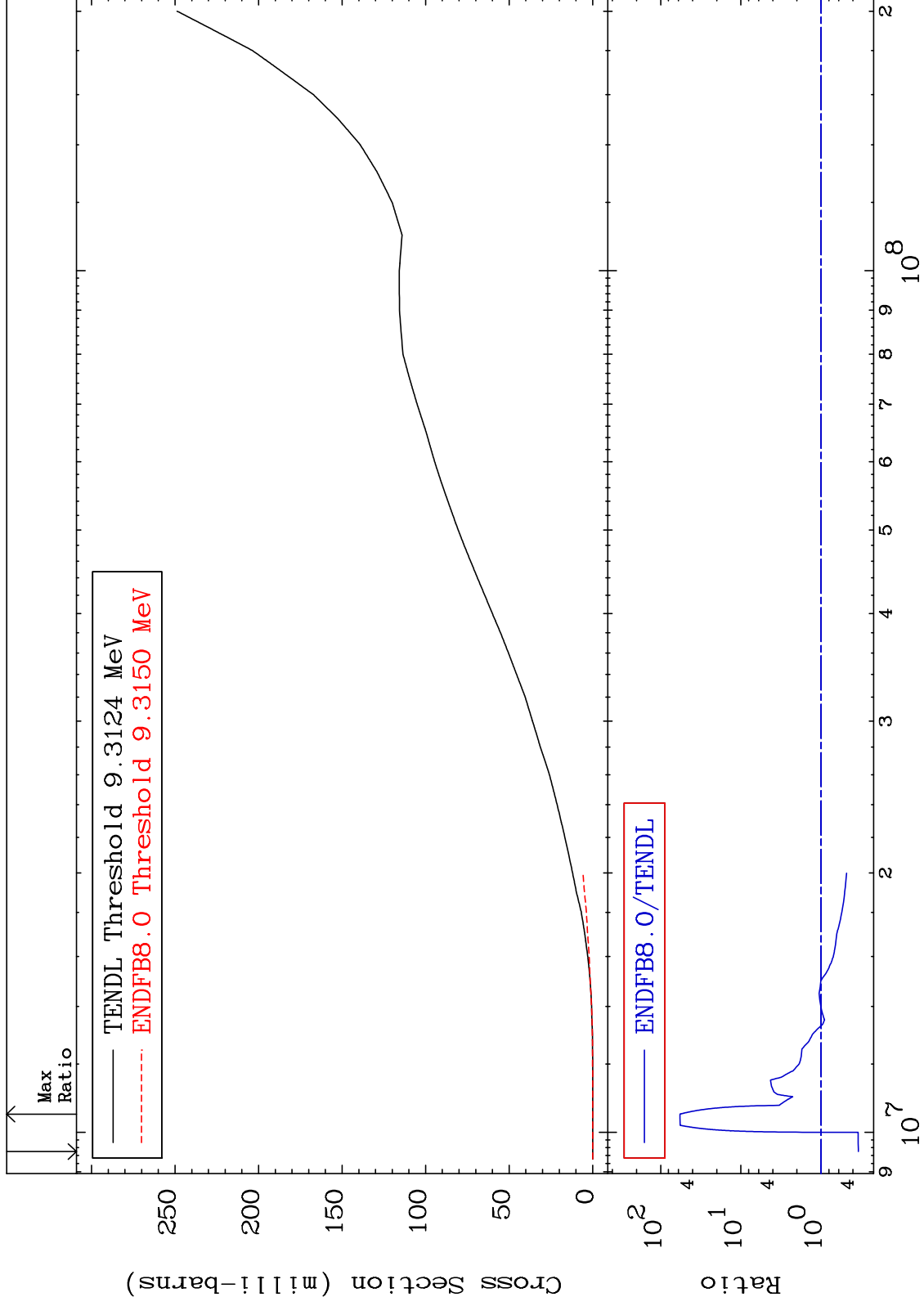
22-Ti-49  
-36.19 To 9999. %



MAT 2234

Deuterium Production  
Cross Section

22-Ti-49  
-65.80 To 5639. %



31

Incident Energy (eV)

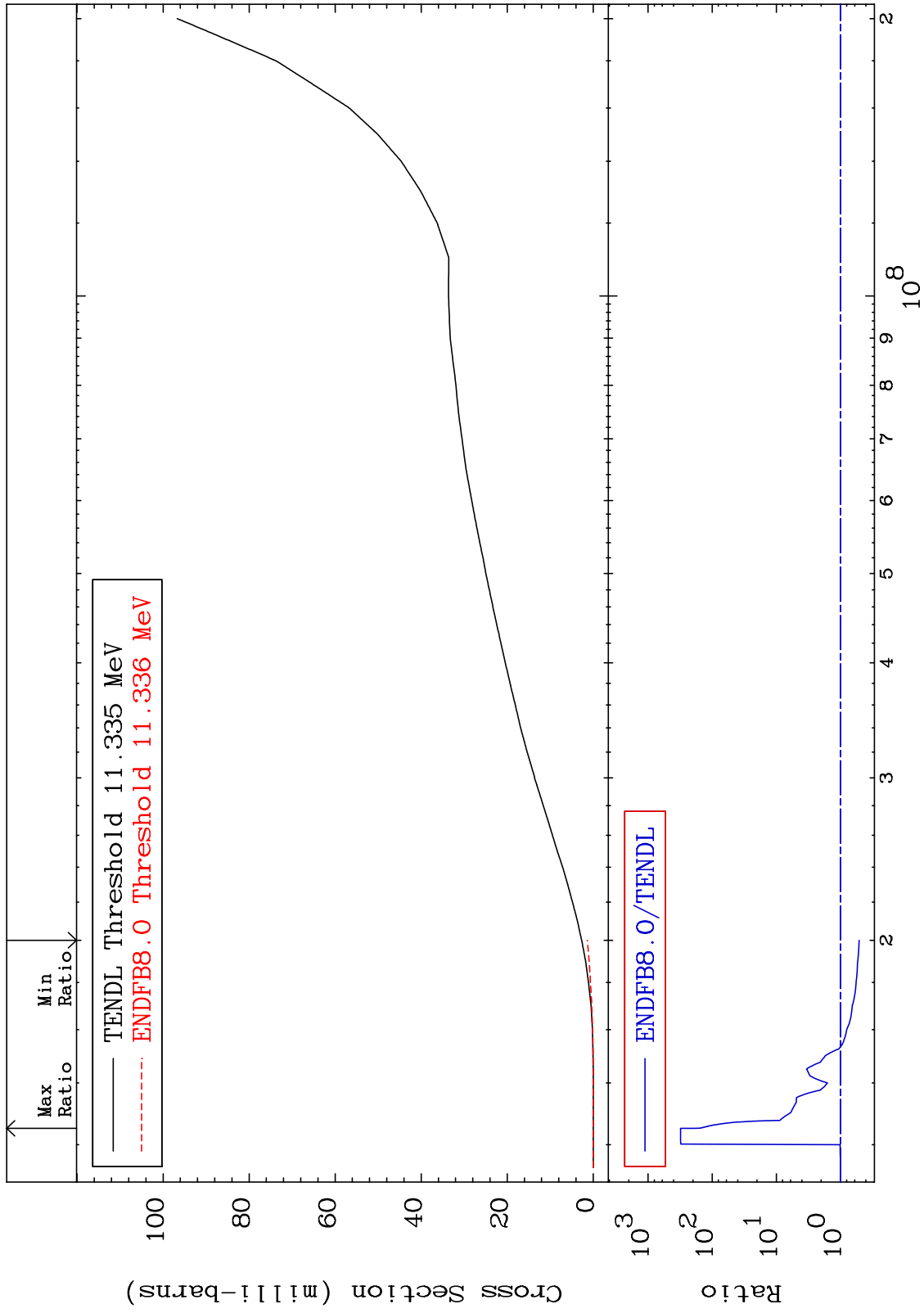
22-Ti-49



MAT 2234

Tritium Production  
Cross Section

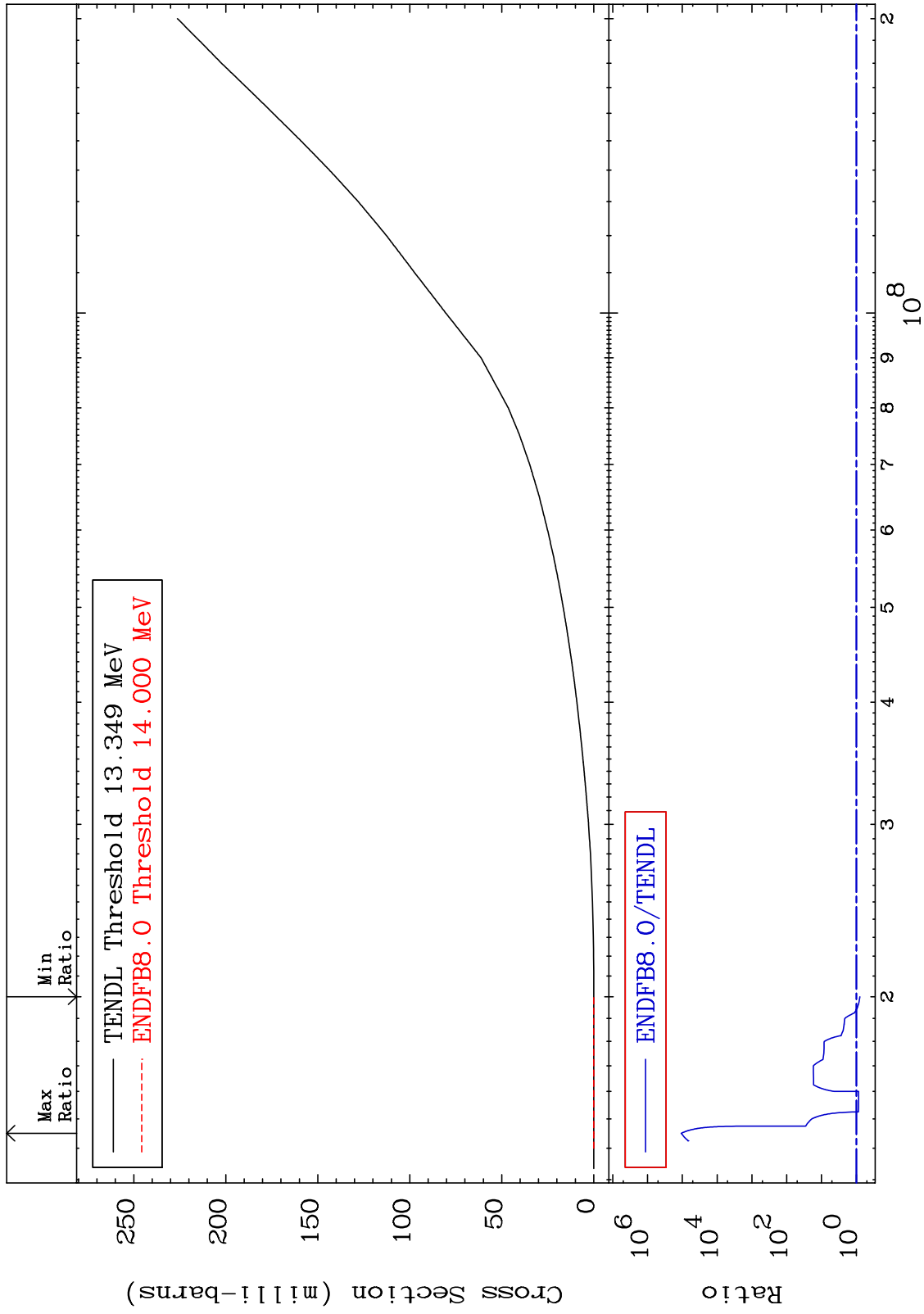
22-Ti-49  
-48.93 To 9999. %

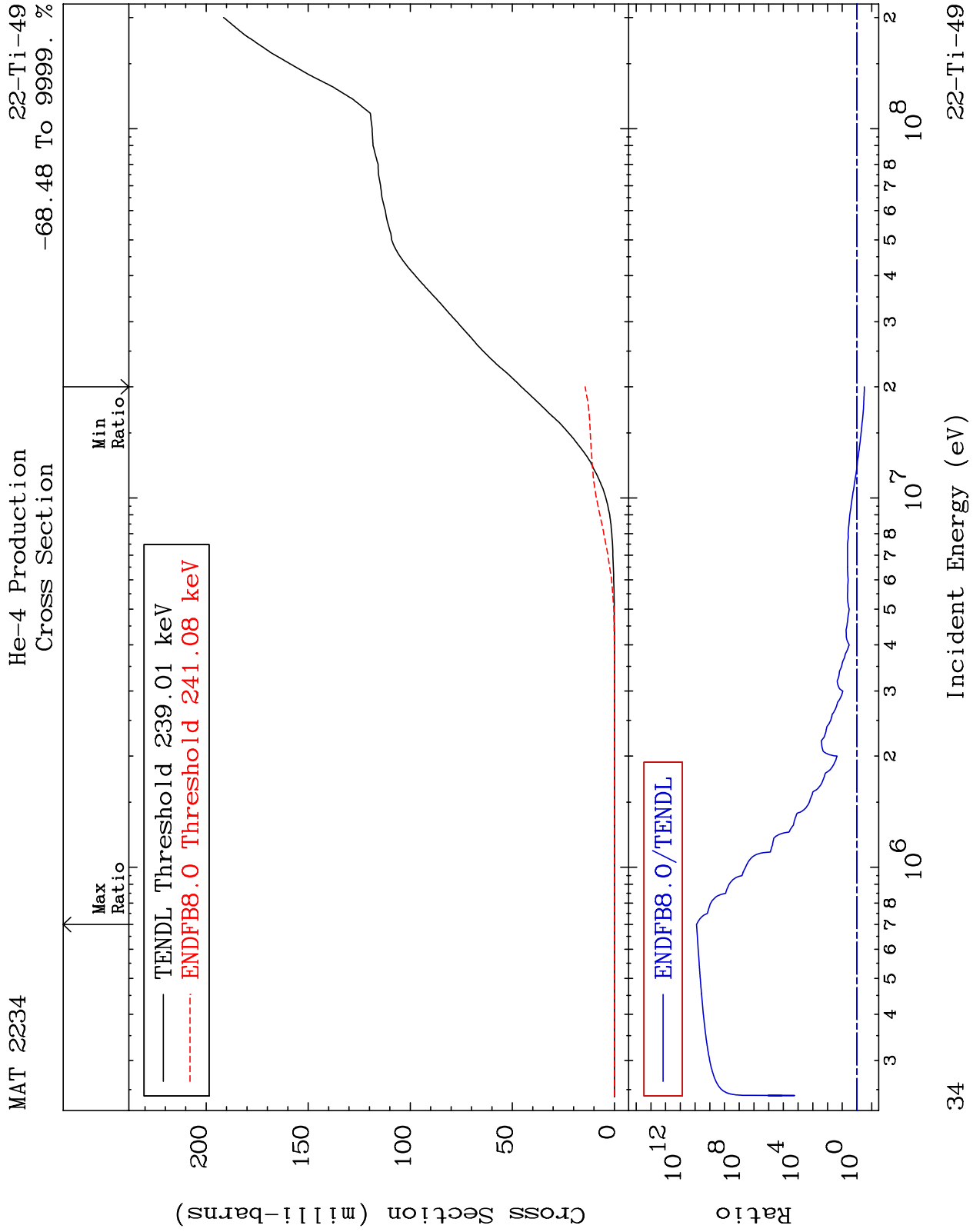


MAT 2234

He-3 Production  
Cross Section

22-Ti-49  
-21.36 To 9999. %

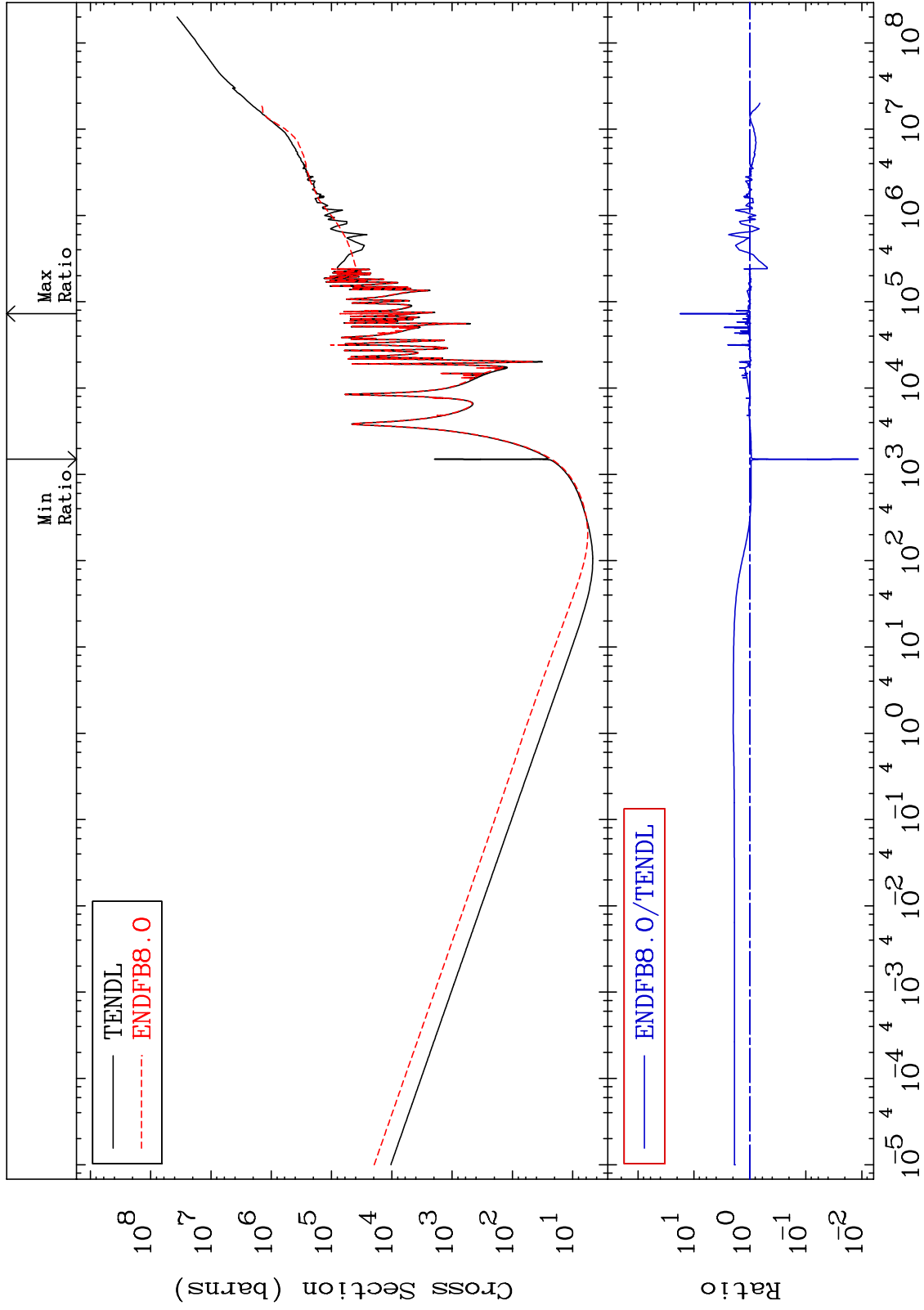




MAT 2234

Kerma total (eV-barns)  
Cross Section

22-Ti-49  
-98.85 To 1674. %



35

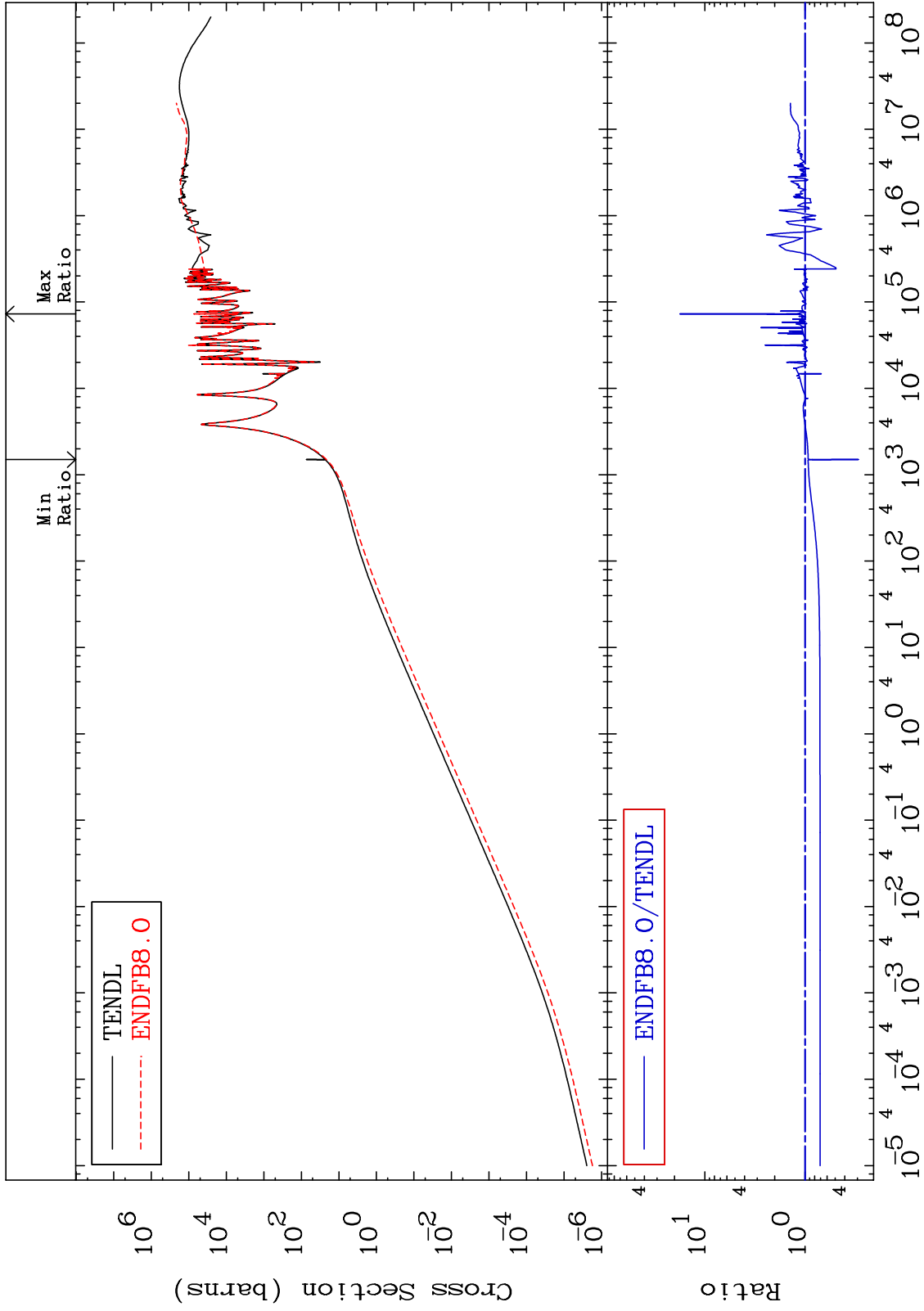
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma elastic  
Cross Section

22-Ti-49  
-70.69 To 1674. %



36

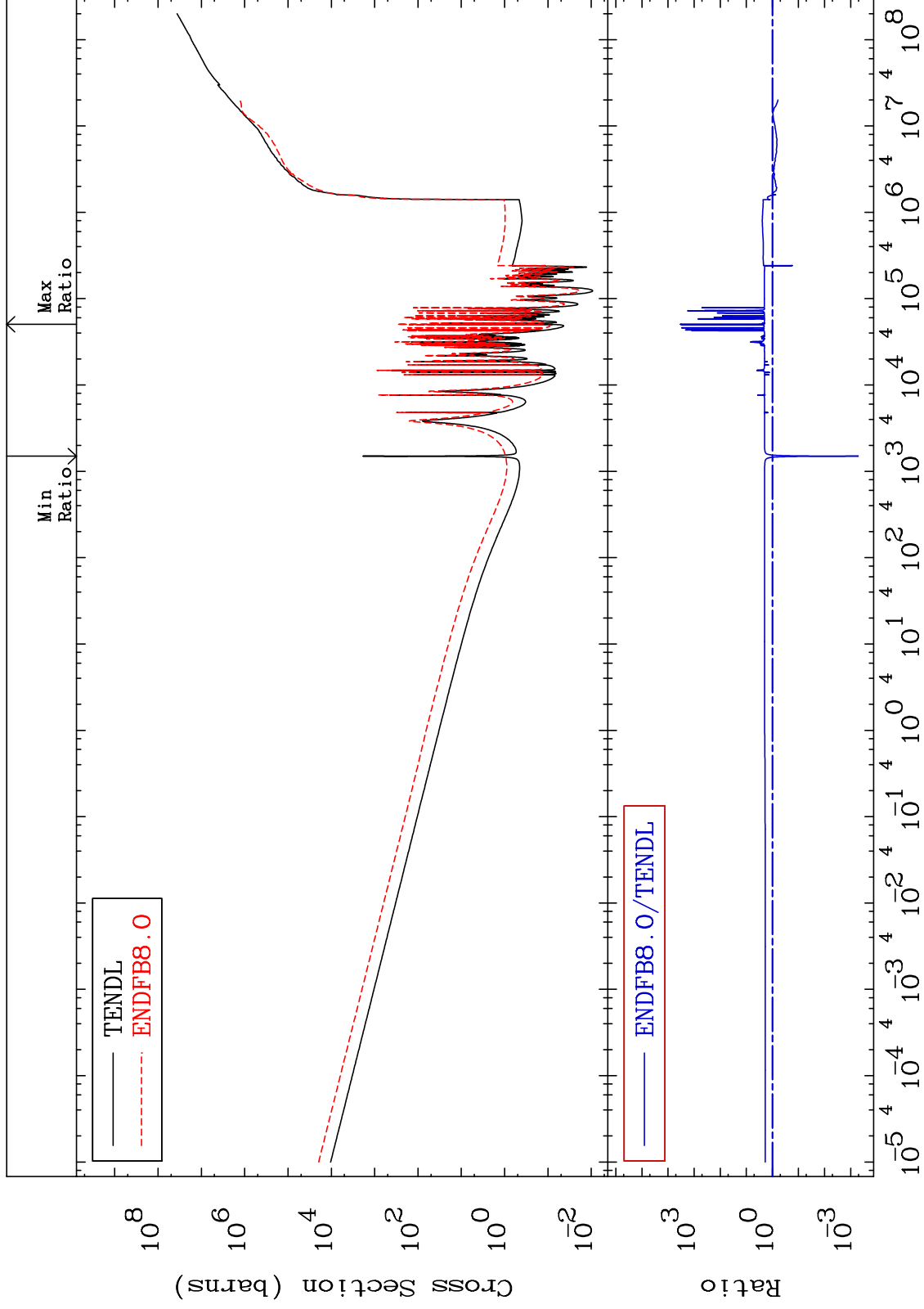
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma non-elastic (all but mt2)  
Cross Section

22-Ti-49  
-99.95 To 9999. %



37

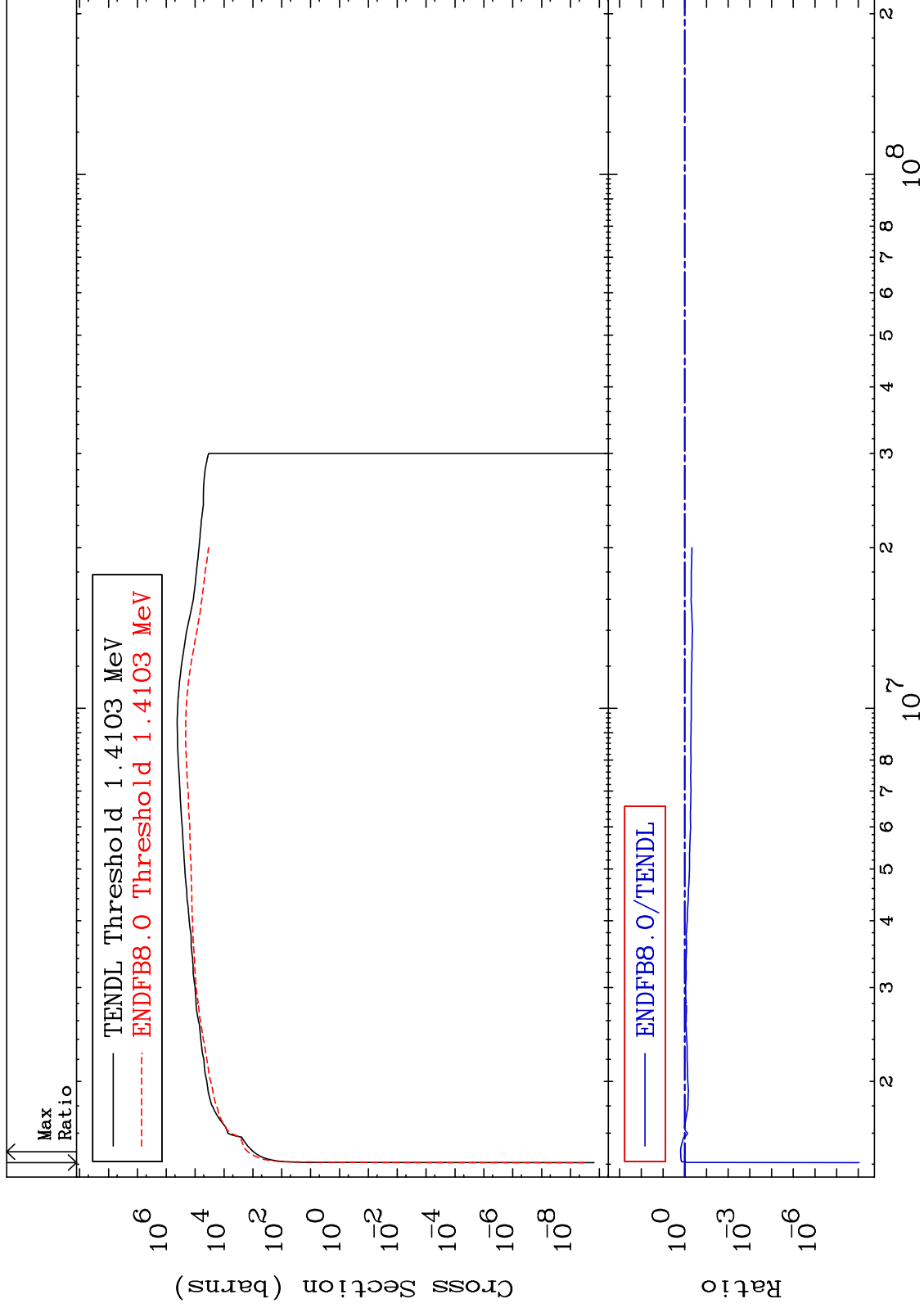
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma inelastic (mt51-91)  
Cross Section

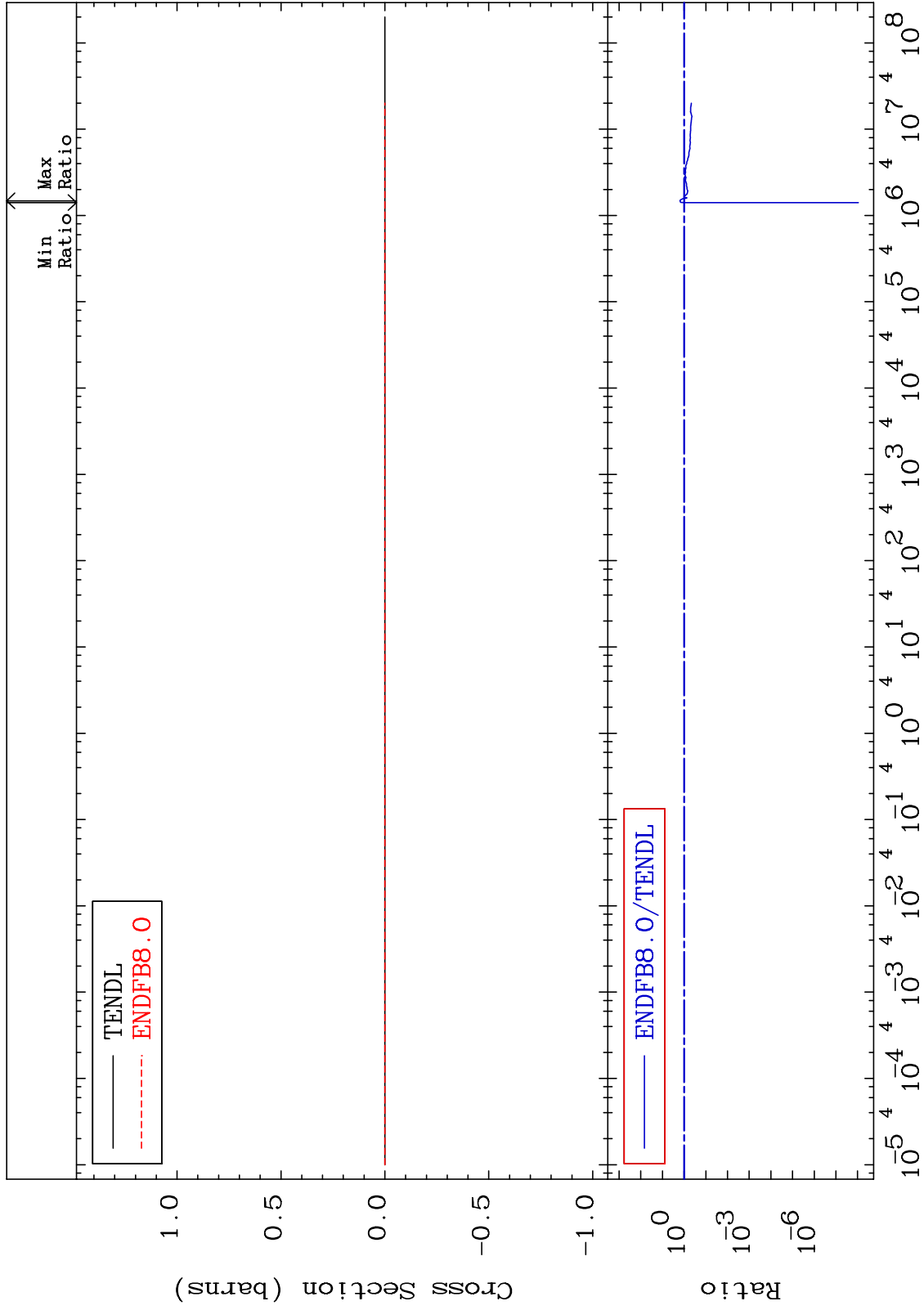
22-Ti-49  
-100.0 To 54.80 %



MAT 2234

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

22-Ti-49  
-100.0 To 54.80 %



39

Incident Energy (eV)

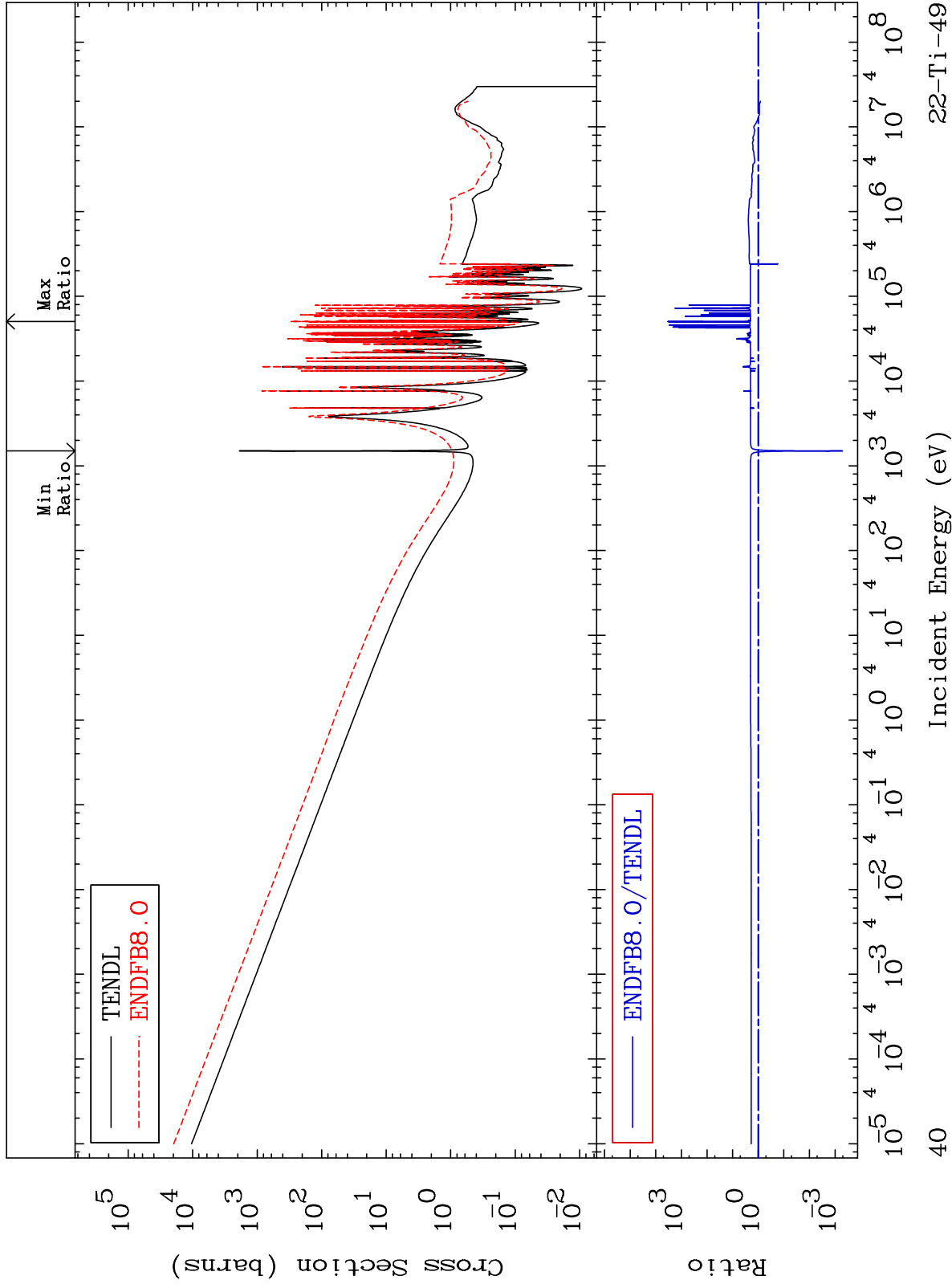
22-Ti-49



MAT 2234

Kerma capture (mt102)  
Cross Section

22-Ti-49  
-99.95 To 9999. %



40

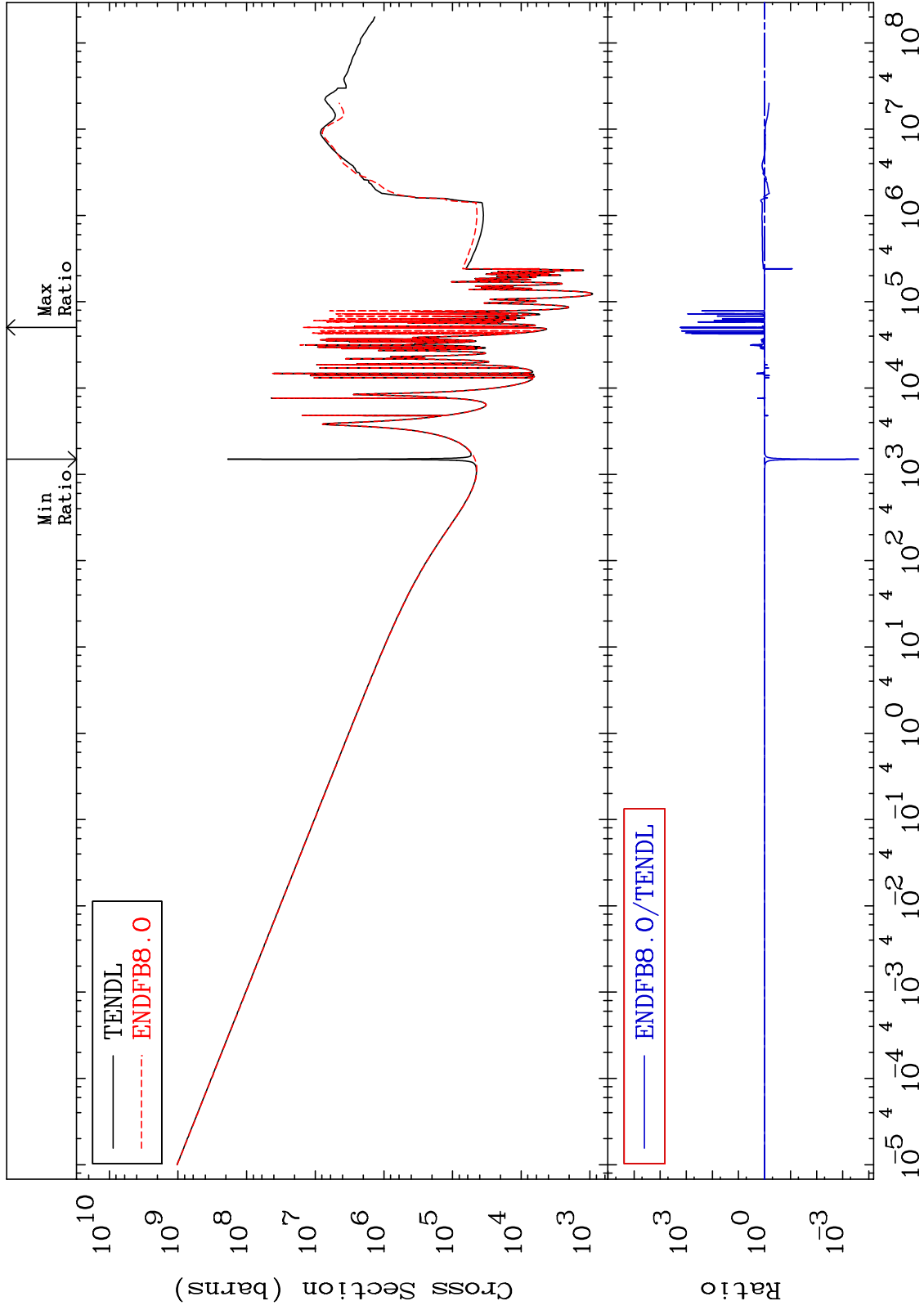
Incident Energy (eV)

22-Ti-49

MAT 2234

Total photon (eV-barns)  
Cross Section

22-Ti-49  
-99.97 To 9999. %



41

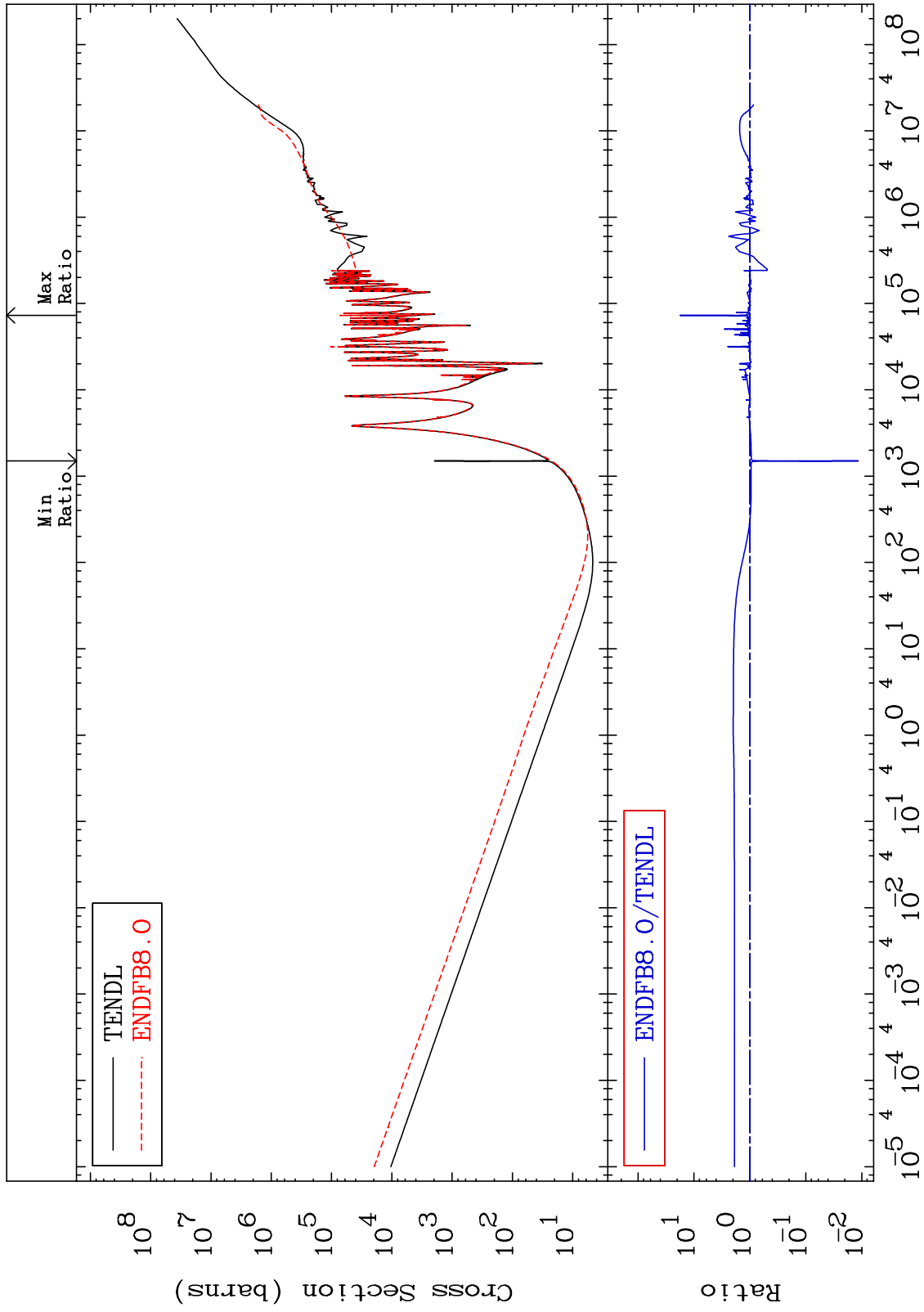
Incident Energy (eV)

22-Ti-49

MAT 2234

Total kinematic kerma (high limit)  
Cross Section

22-Ti-49  
-98.85 To 1674. %



42

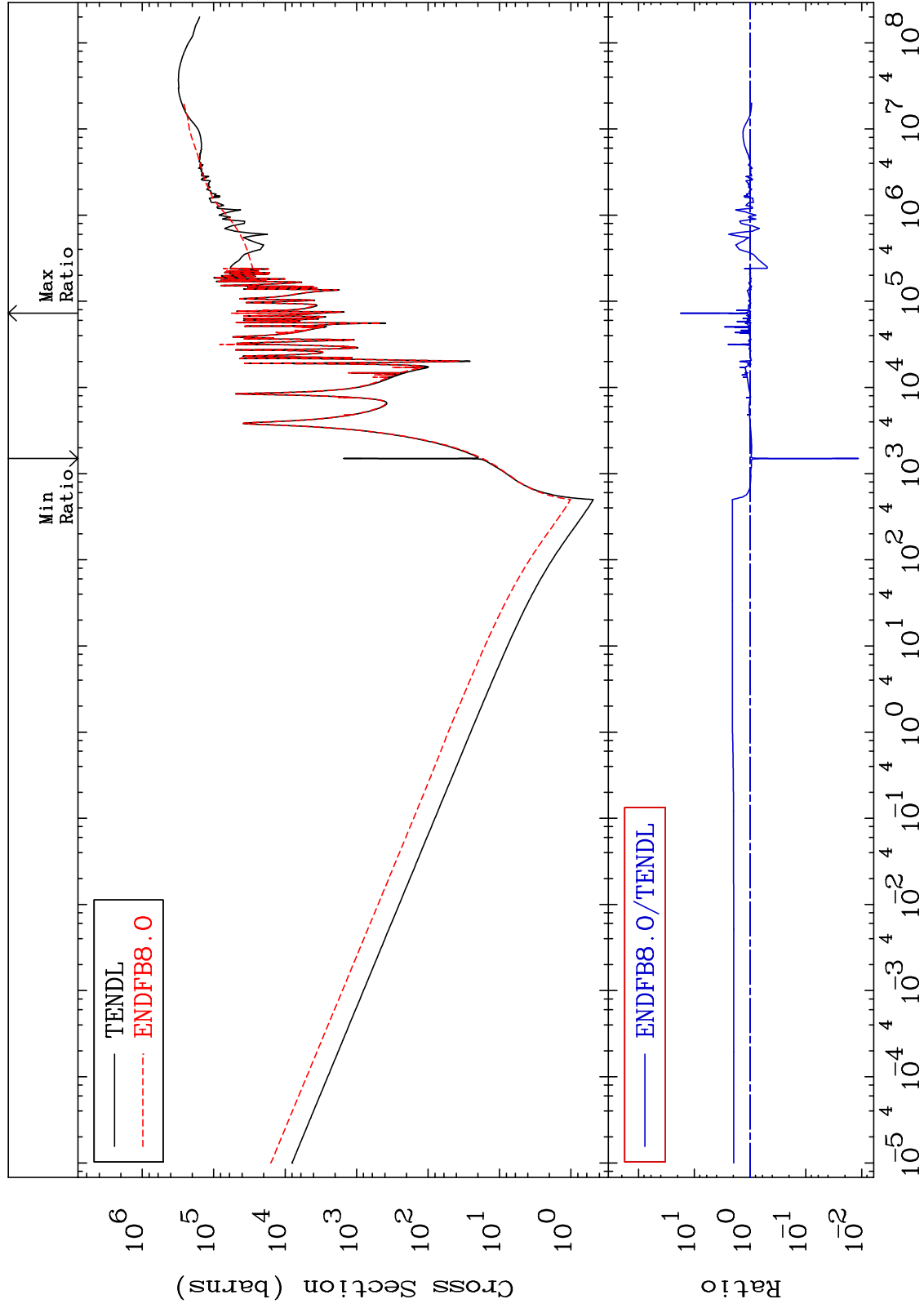
Incident Energy (eV)

22-Ti-49

MAT 2234

Dpa total (eV-barns)  
Cross Section

22-Ti-49  
-98.86 To 1675. %



43

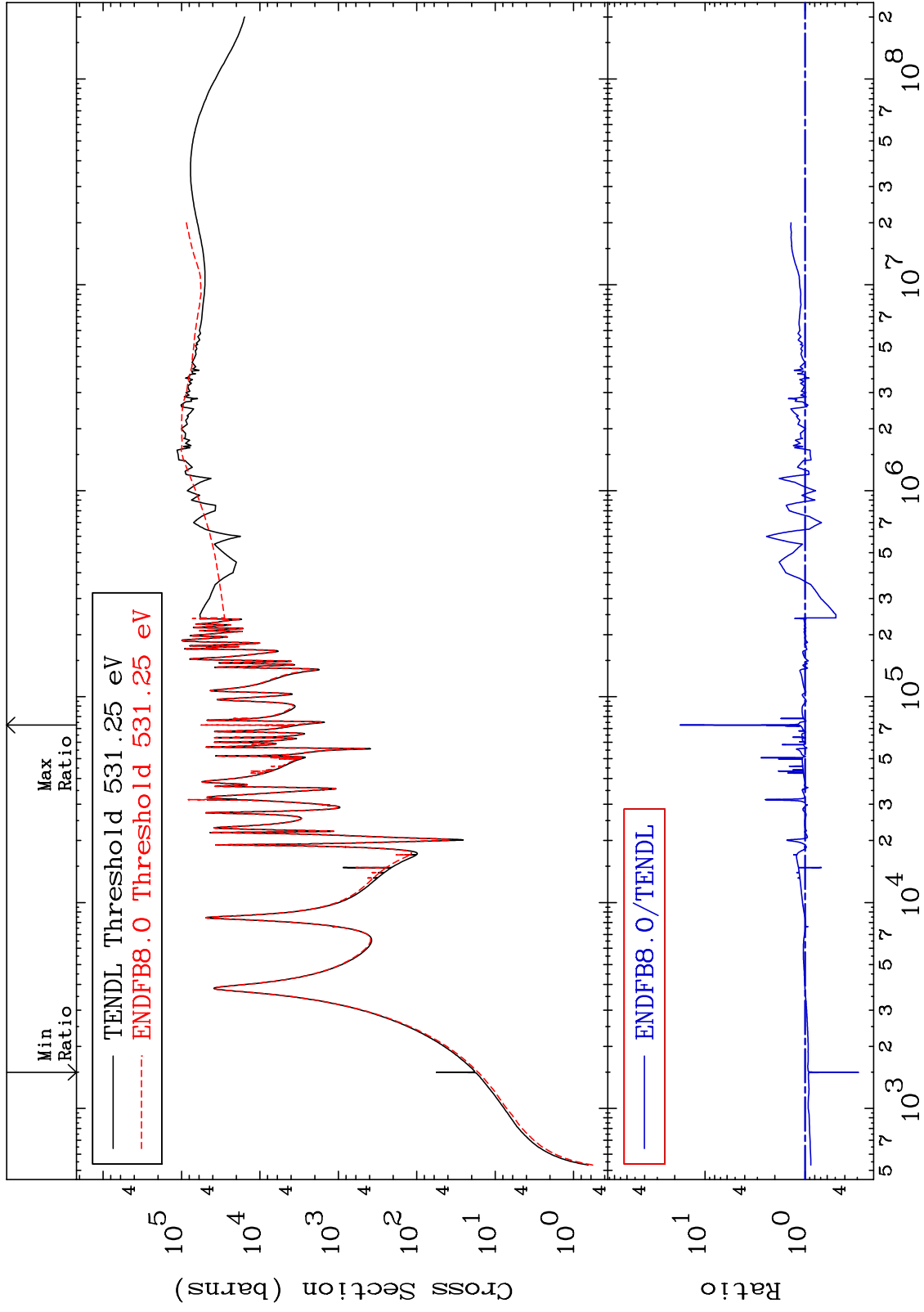
Incident Energy (eV)

22-Ti-49

MAT 2234

Dpa elastic (mt2)  
Cross Section

22-Ti-49  
-70.70 To 1674. %



44

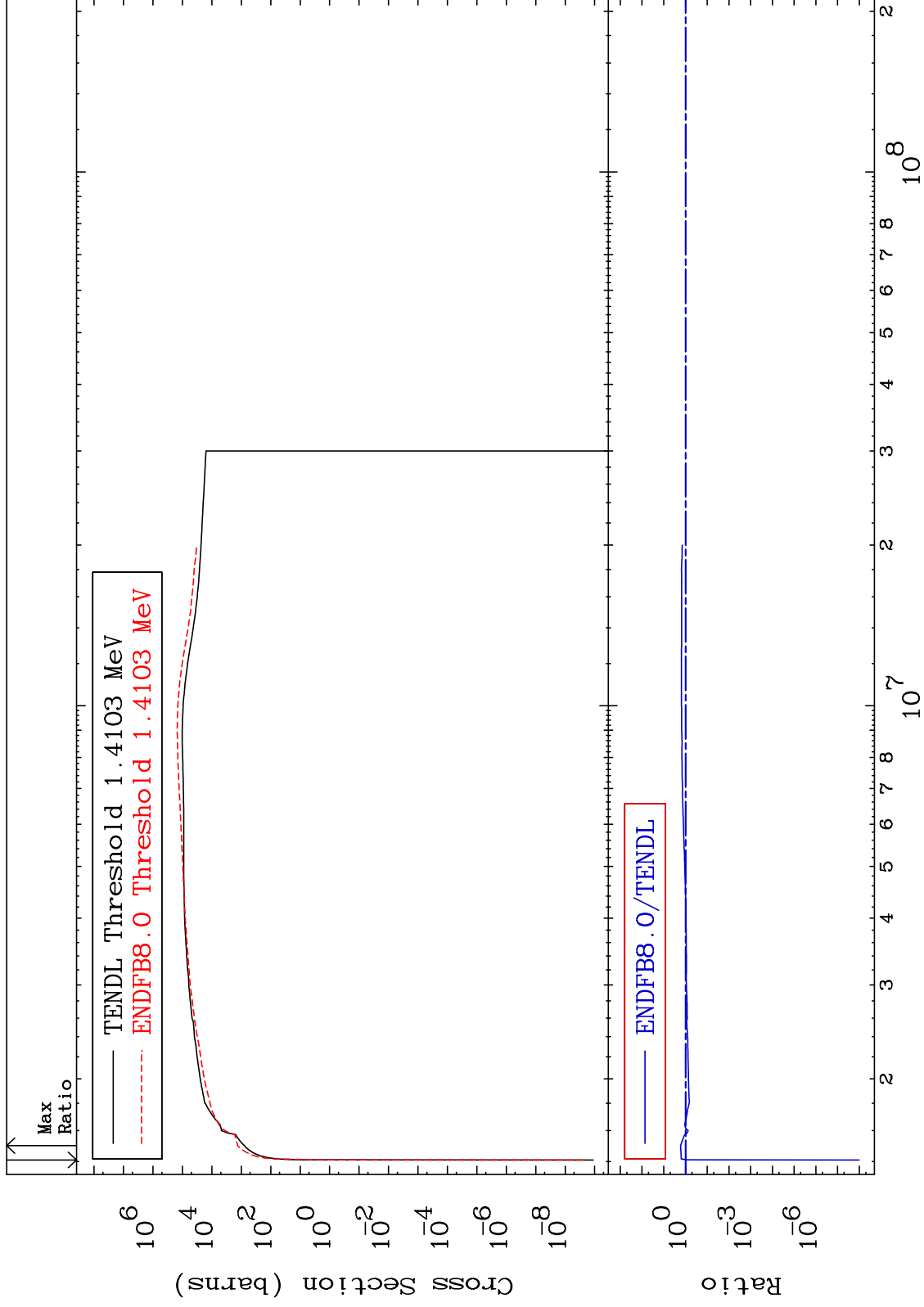
Incident Energy (eV)

22-Ti-49

MAT 2234

Dpa inelastic (mt51-91)  
Cross Section

22-Ti-49  
-100.0 To 67.18 %



45

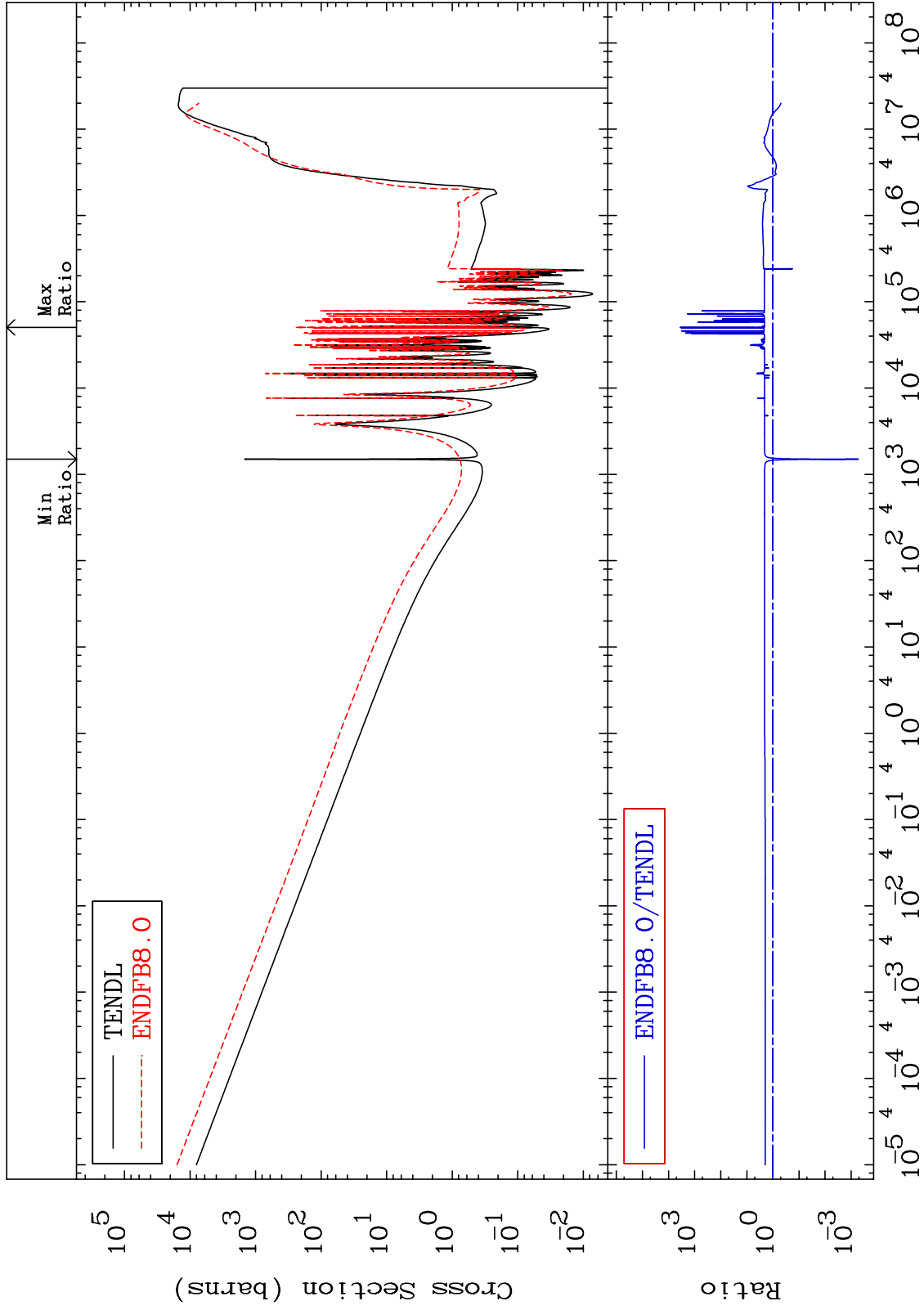
Incident Energy (eV)

22-Ti-49

MAT 2234

Dpa disappearance (mt102 -120)  
Cross Section

22-Ti-49  
-99.95 To 9999. %



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Incident Energy (eV)

22-Ti-49