

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

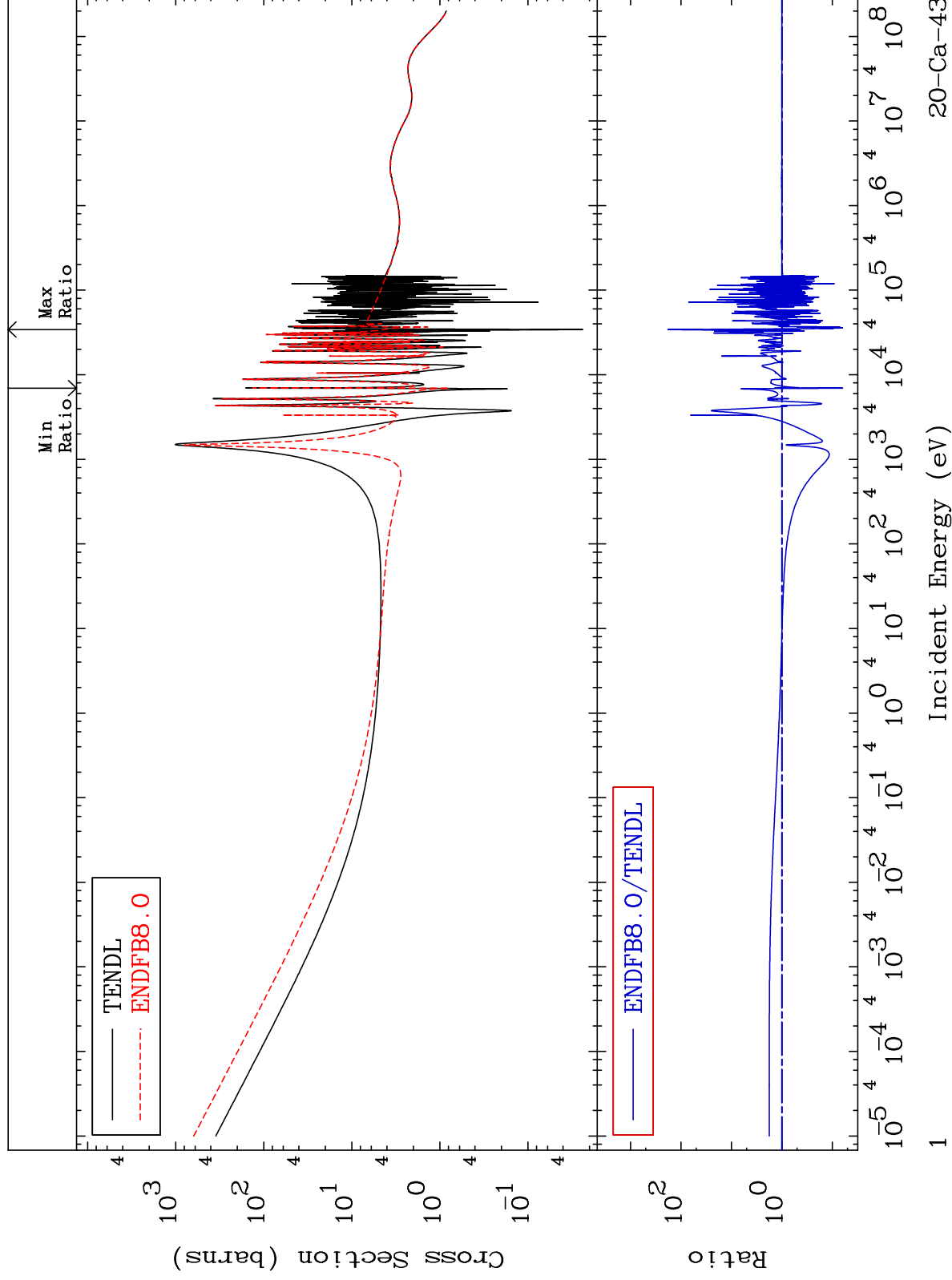
MAT 2034

Total

20-Ca-43

Cross Section

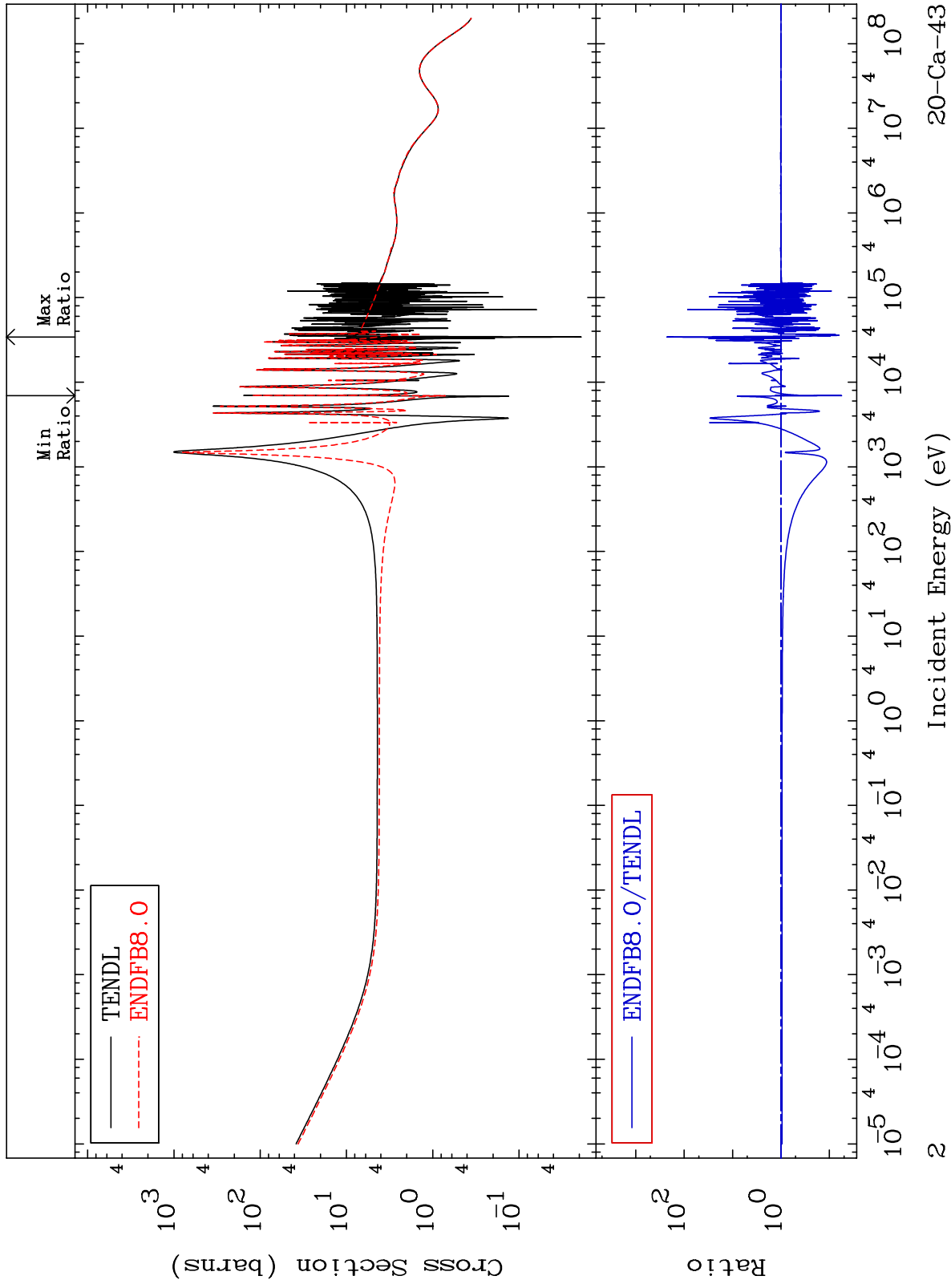
-93.83 To 9999. %



MAT 2034

Elastic
Cross Section

20-Ca-43
-94.45 To 9999. %



20-Ca-43

2

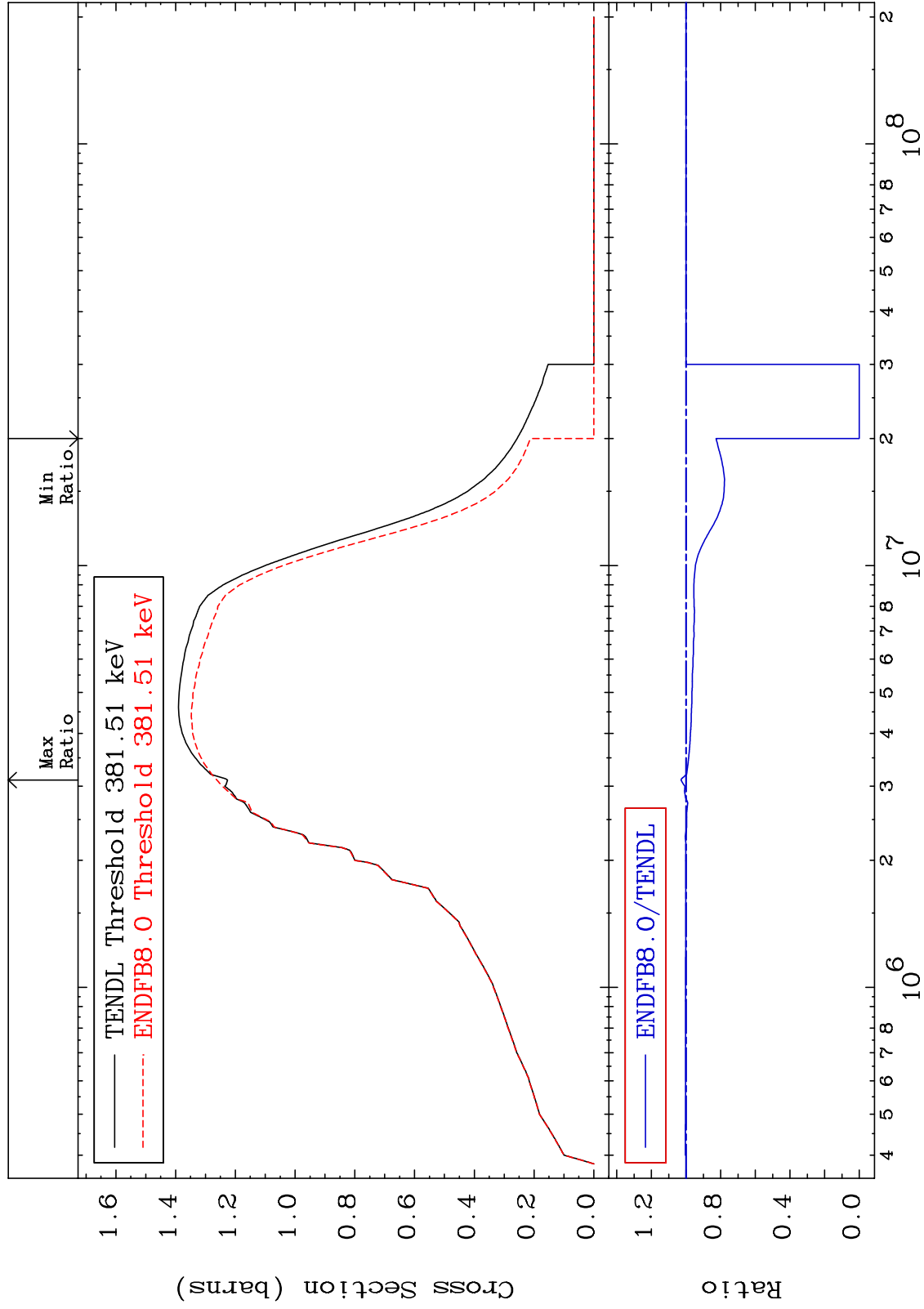
MAT 2034

Inelastic

20-Ca-43

Cross Section

-100.0 To 2.896 %

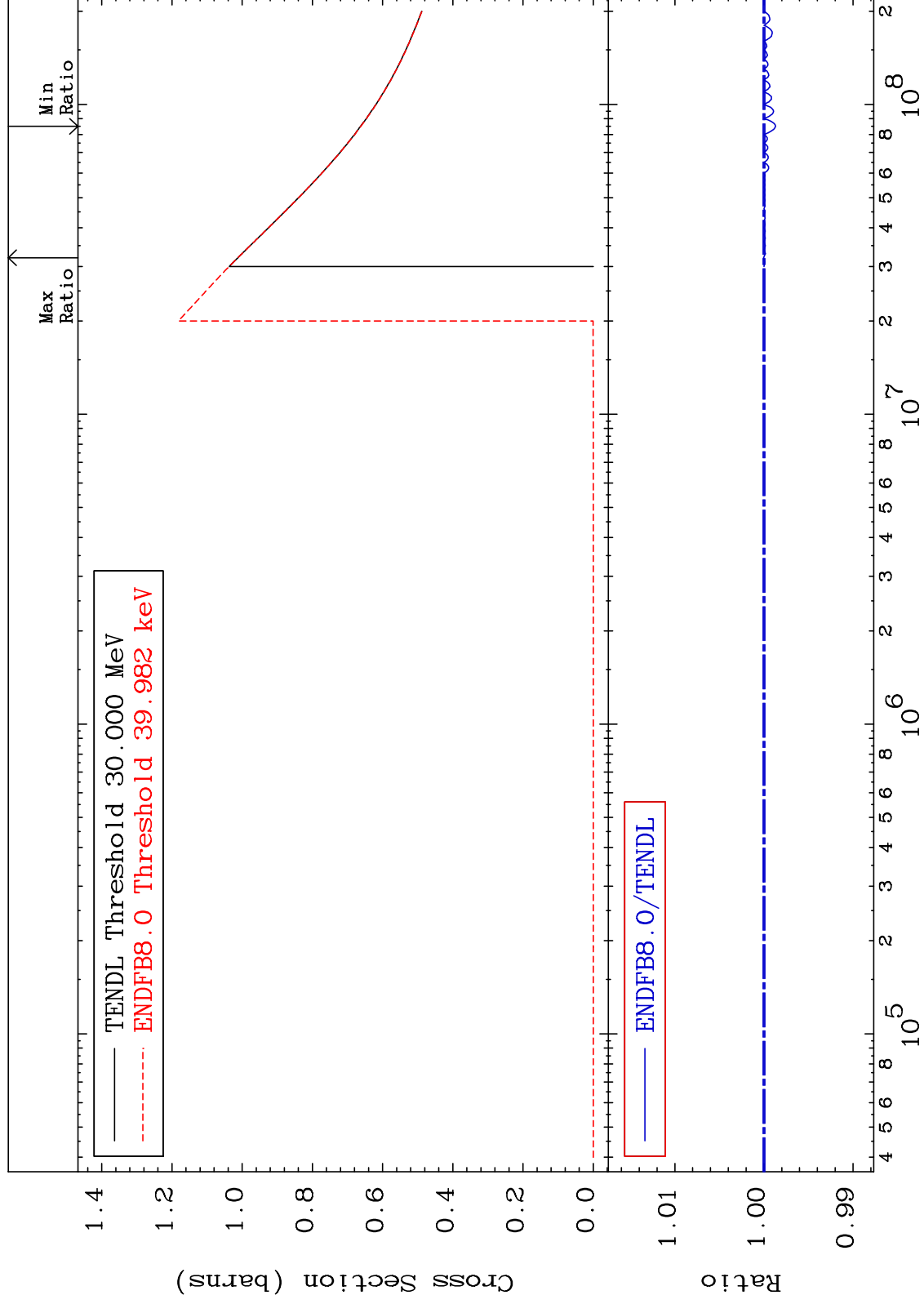


MAT 2034

(n, remainder)
Cross Section

20-Ca-43

-0.129 To 0.005 %



4

Incident Energy (eV)

20-Ca-43

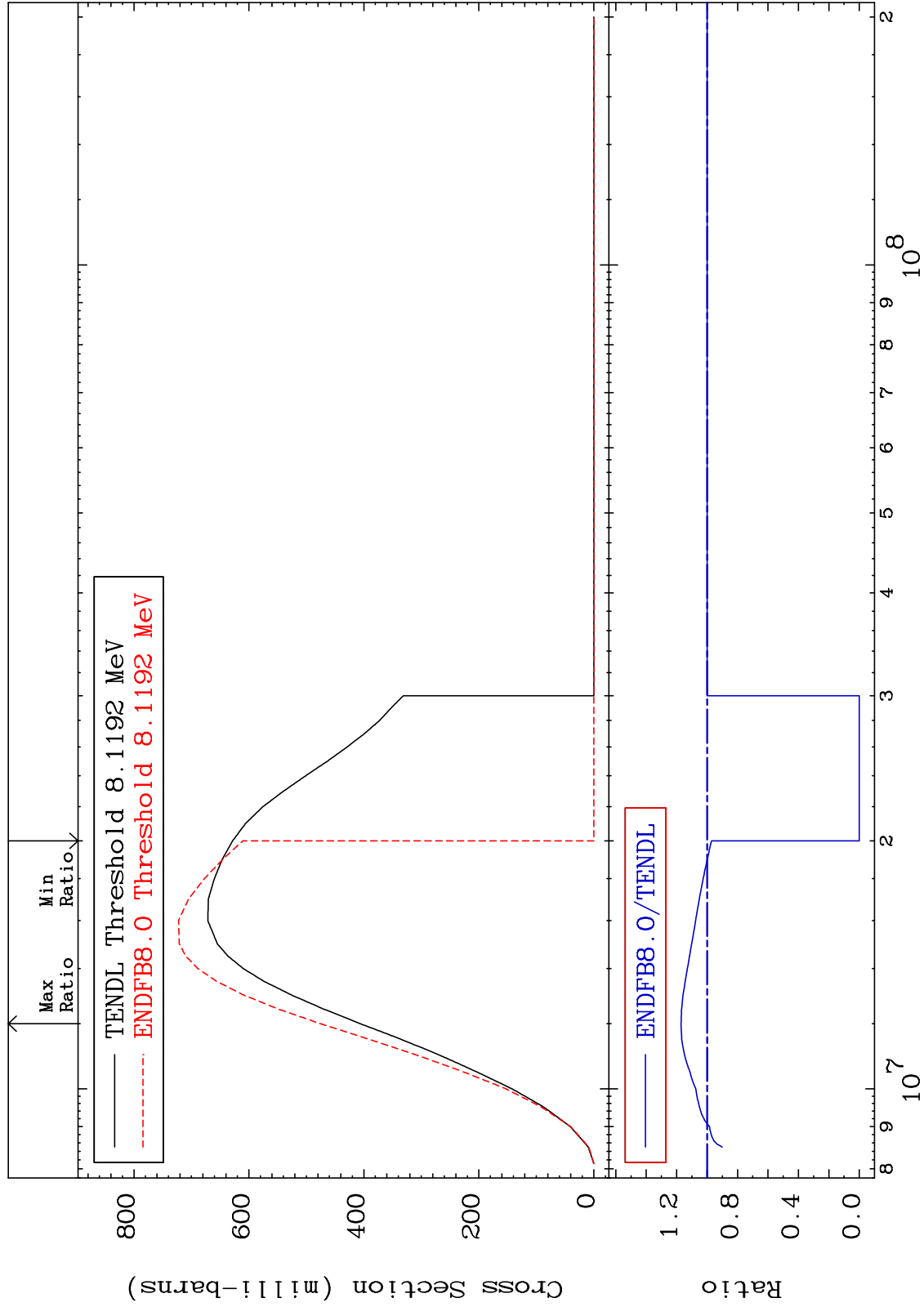
MAT 2034

(n, 2n)

20-Ca-43

Cross Section

-100.0 To 17.11 %



20-Ca-43

Incident Energy (eV)

5

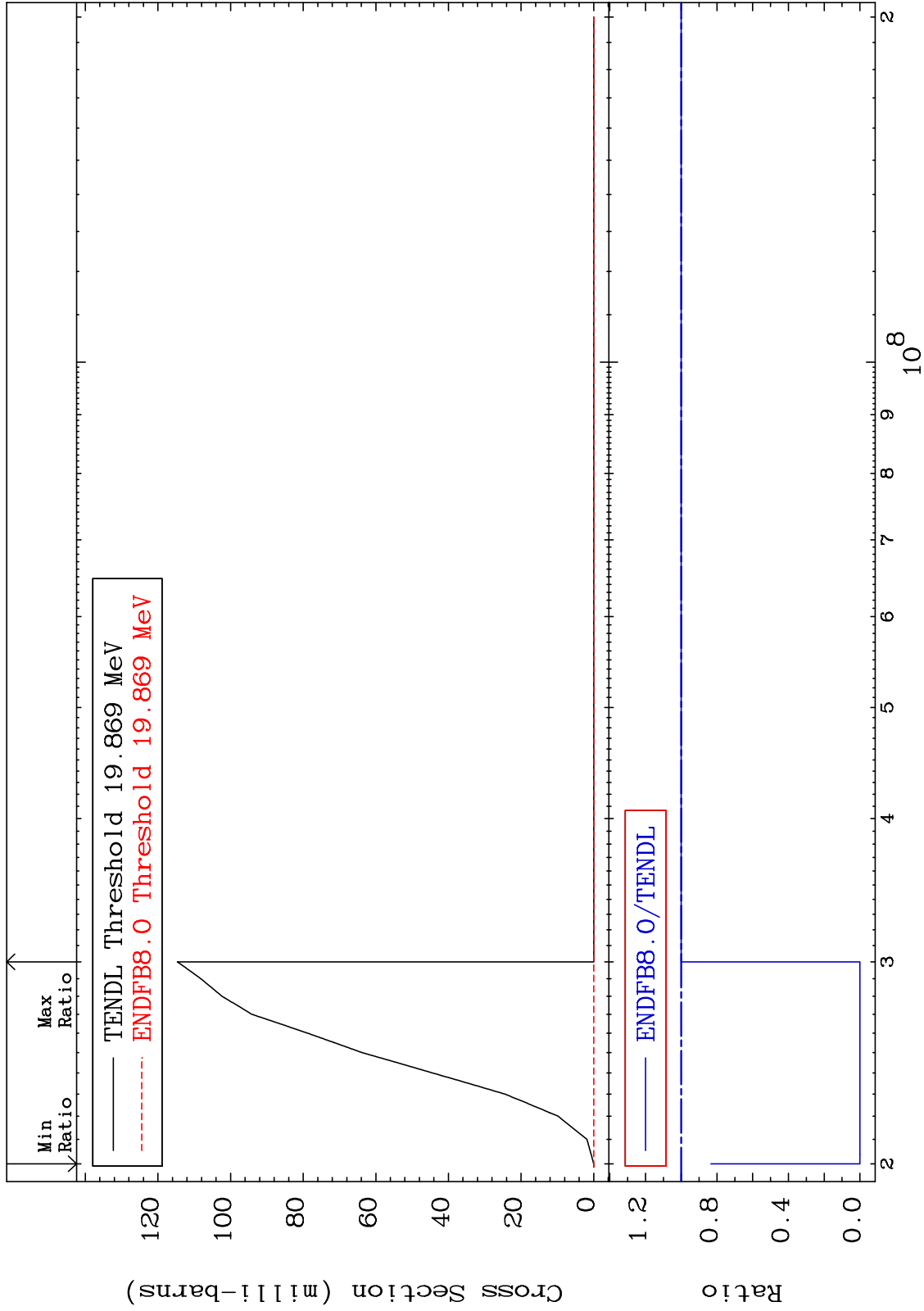
MAT 2034

(n,3n)

20-Ca-43

Cross Section

-100.0 To 0.000 %



6

Incident Energy (eV)

20-Ca-43

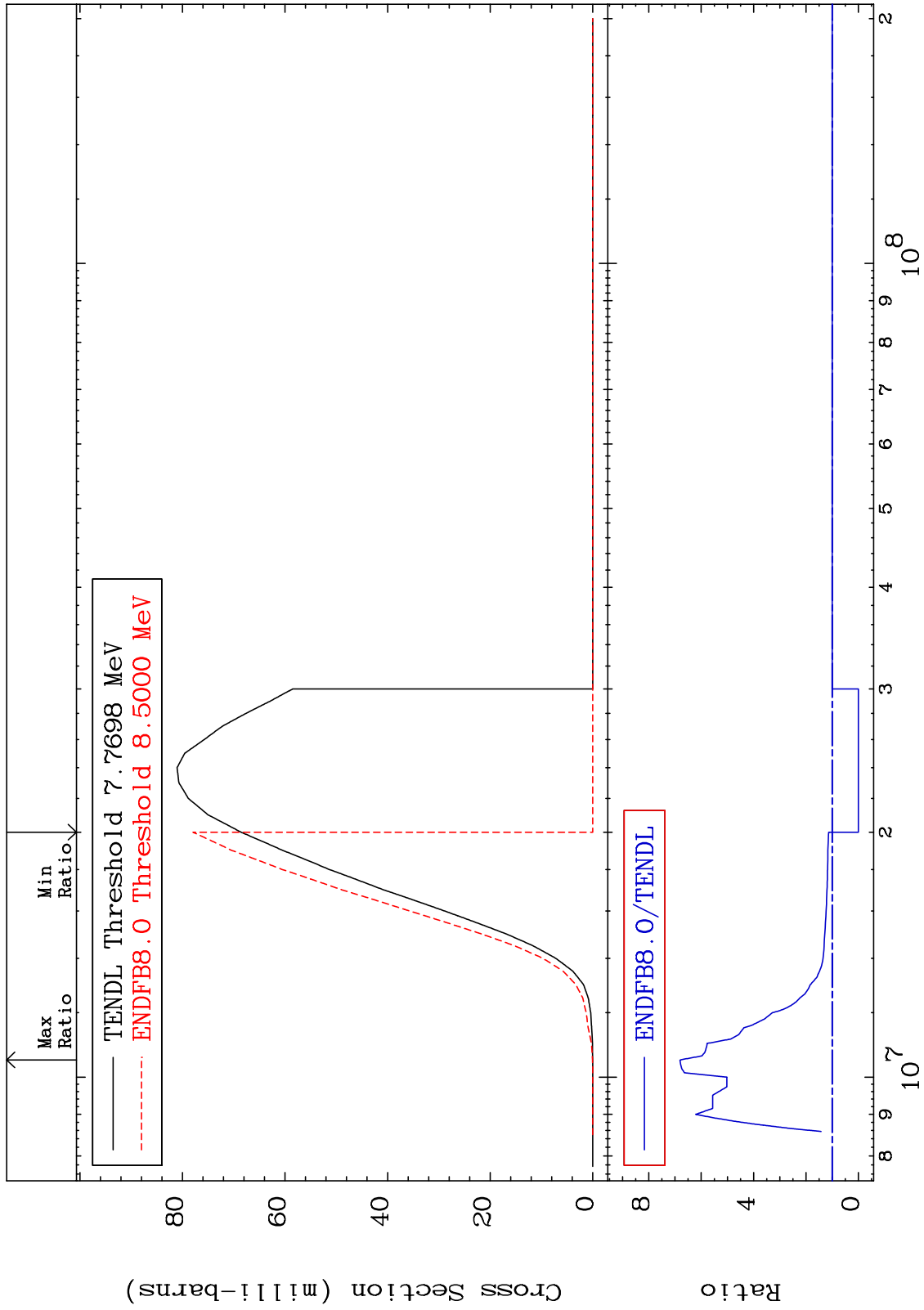
MAT 2034

(n,n') α

20-Ca-43

Cross Section

-100.0 To 580.9 %



7

Incident Energy (eV)

20-Ca-43

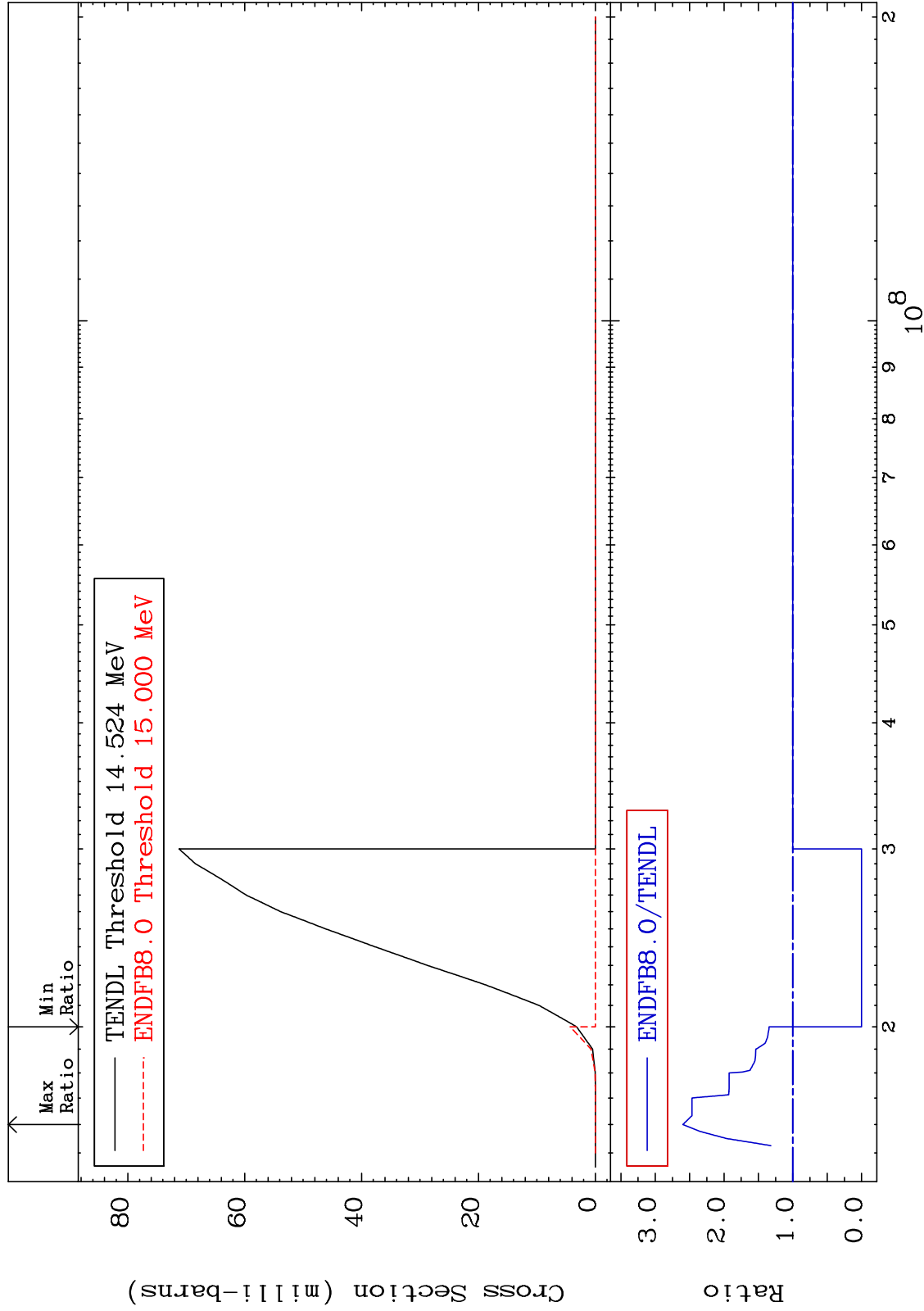
MAT 2034

(n,2n) α

20-Ca-43

Cross Section

-100.0 To 159.9 %



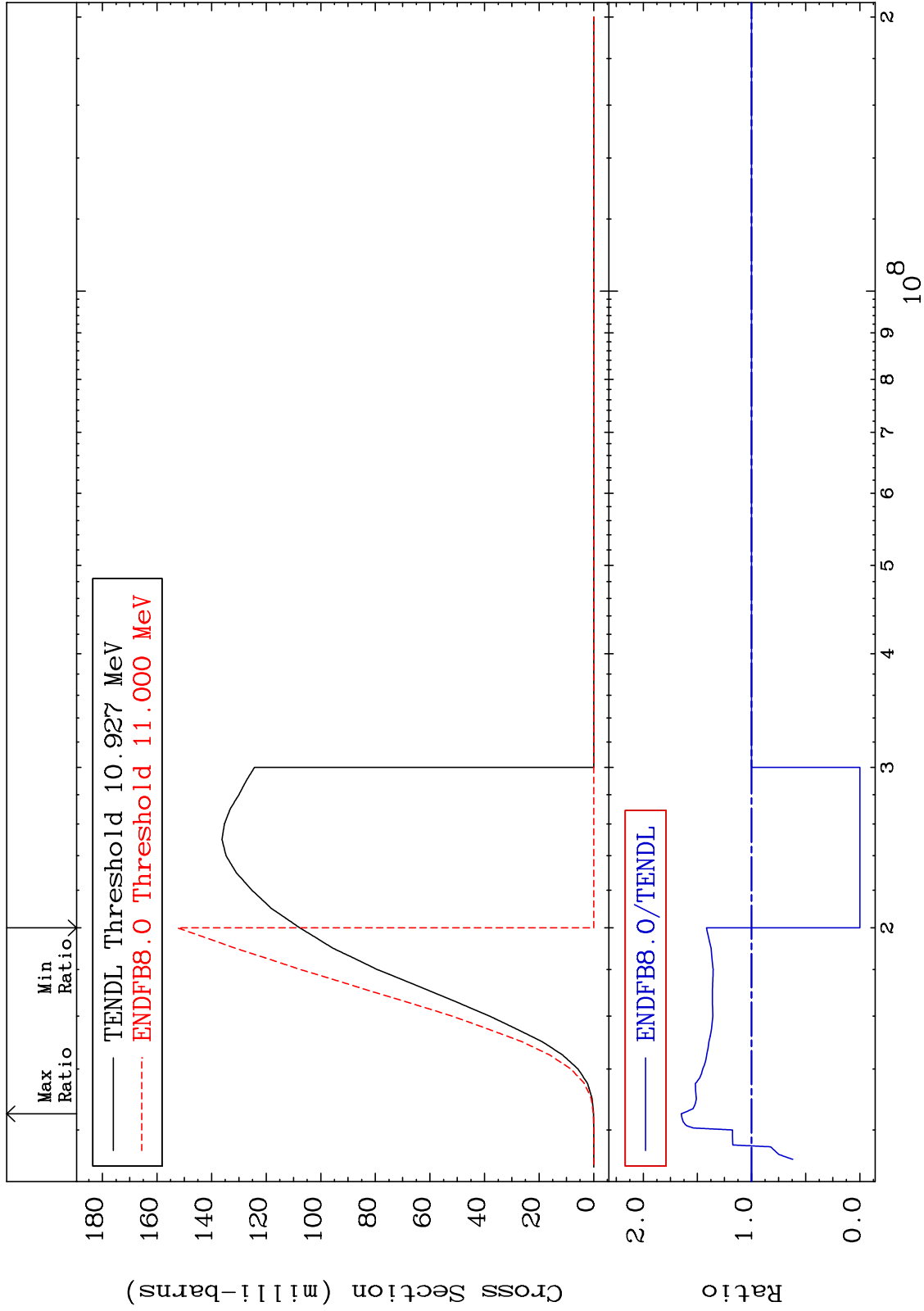
MAT 2034

(n,n') p

20-Ca-43

Cross Section

-100.0 To 64.96 %



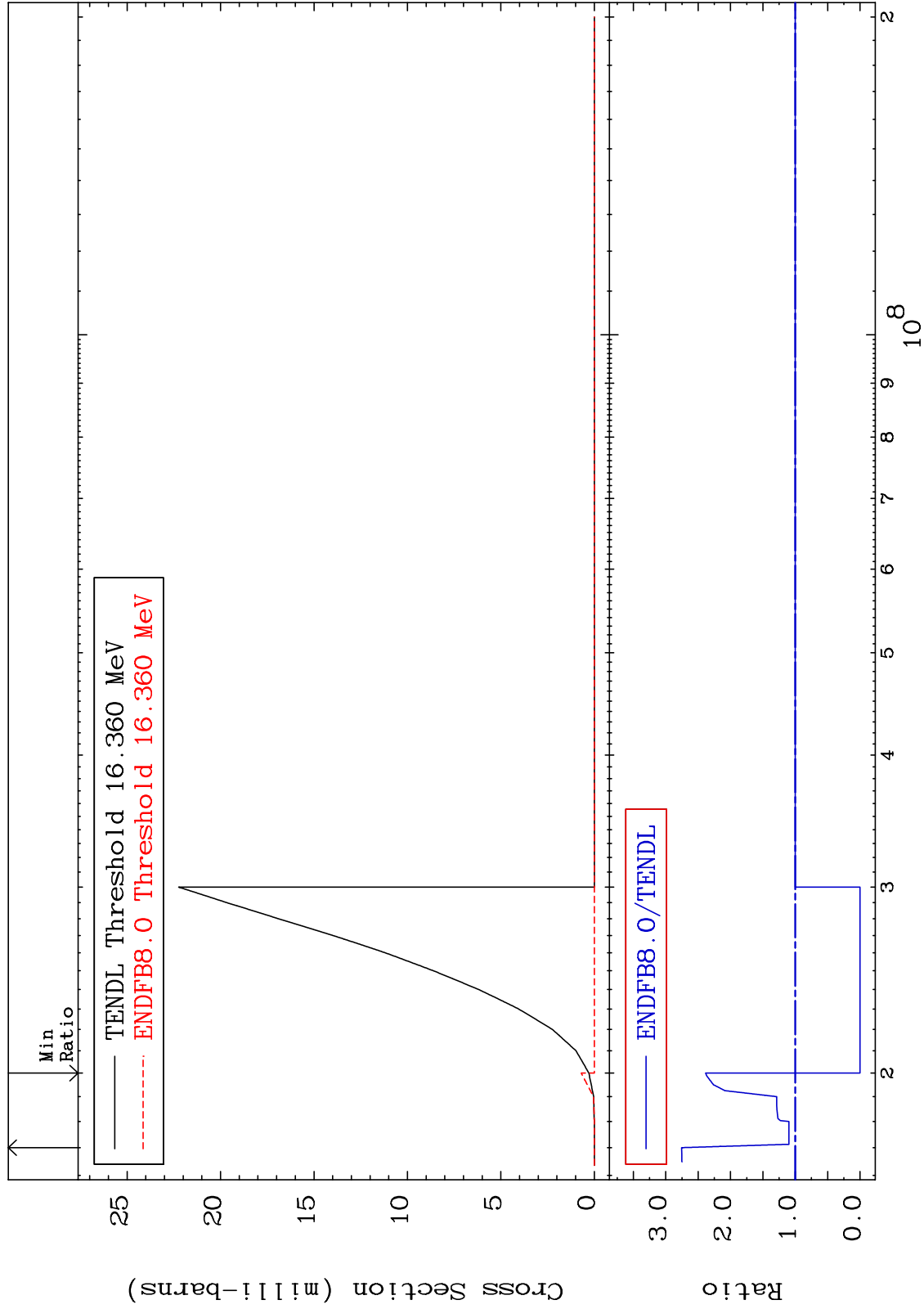
MAT 2034

(n,n') d

20-Ca-43

Cross Section

-100.0 To 175.4 %



10

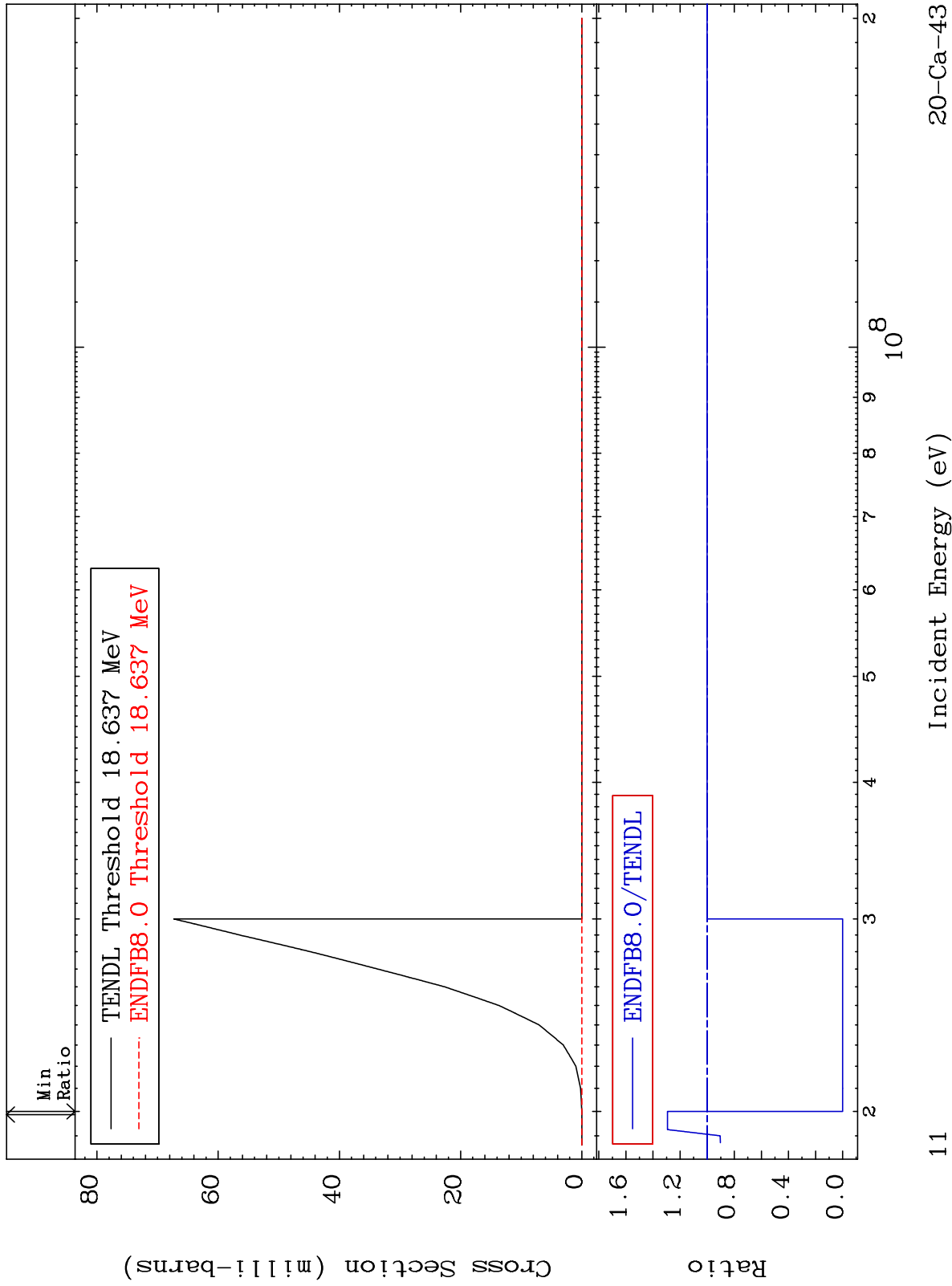
Incident Energy (eV)

20-Ca-43

MAT 2034

(n,2n) p
Cross Section

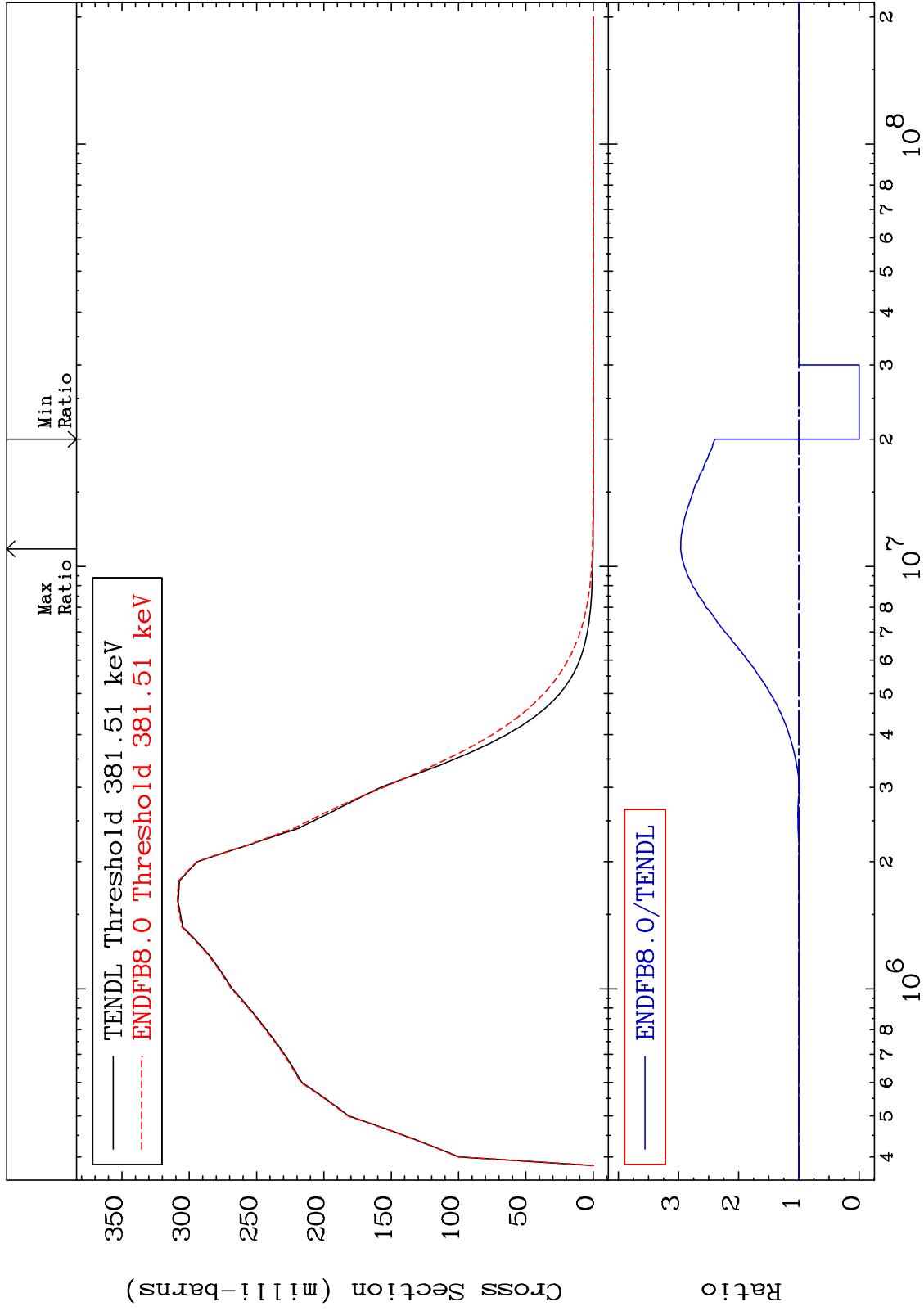
20-Ca-43
-100.0 To 29.26 %



MAT 2034

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

20-Ca-43
-100.0 To 196.5 %



12

Incident Energy (eV)

20-Ca-43

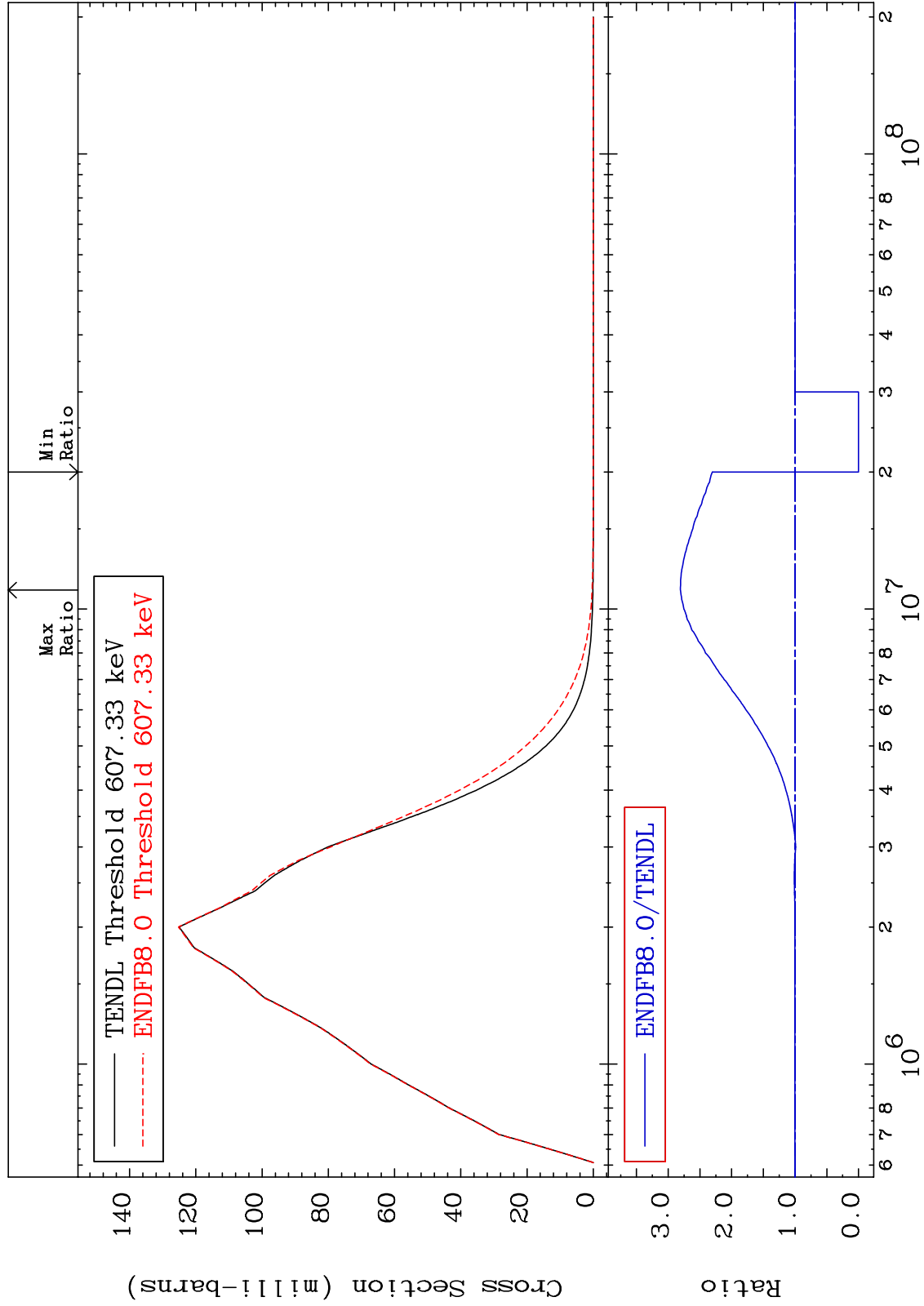
MAT 2034

MT= 52 (n,n') Level

20-Ca-43

-100.0 To 180.7 %

Cross Section



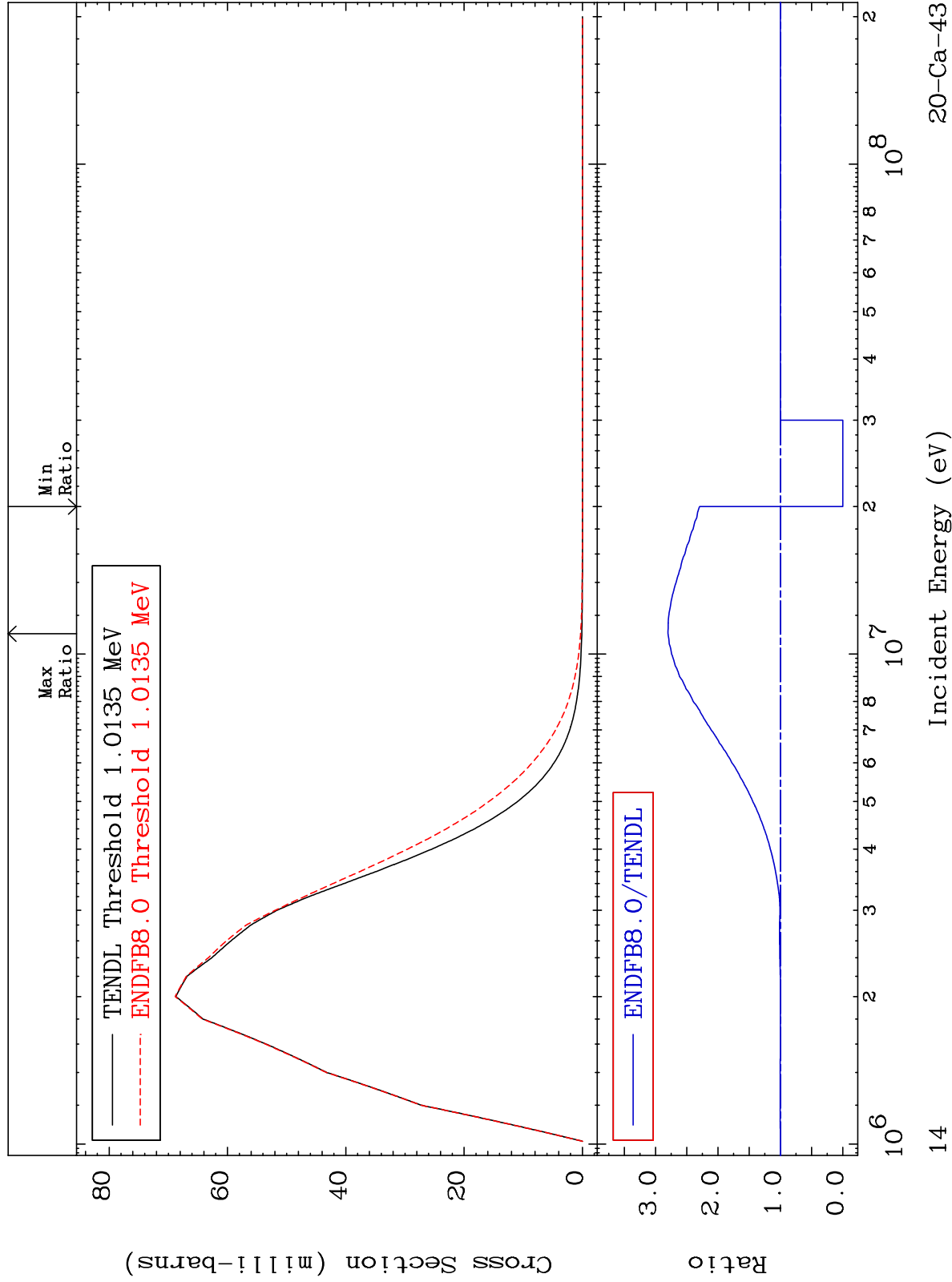
MAT 2034

MT= 53 (n,n') Level

20-Ca-43

-100.0 To 180.0 %

Cross Section



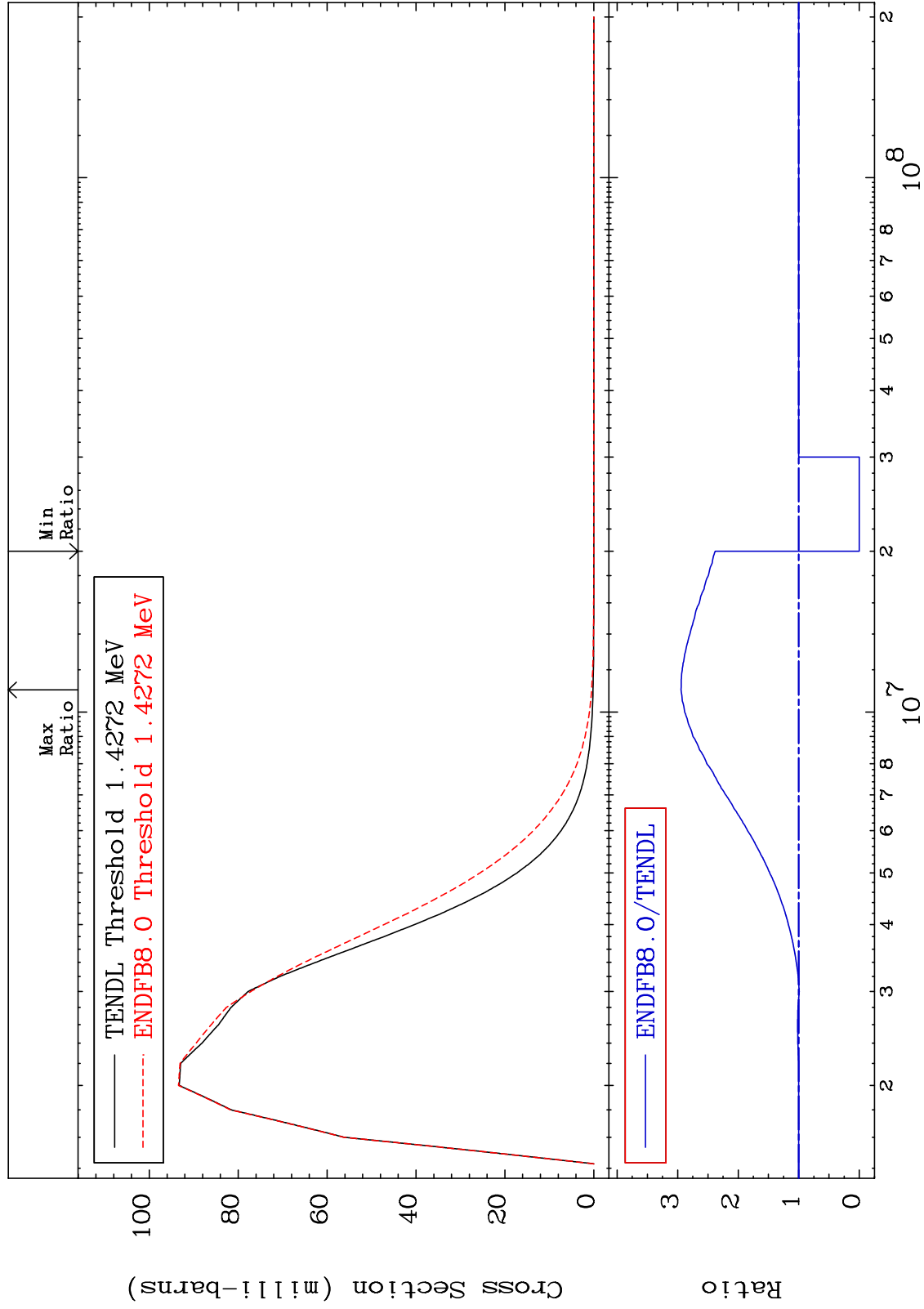
MAT 2034

MT= 54 (n,n') Level

20-Ca-43

-100.0 To 194.4 %

Cross Section



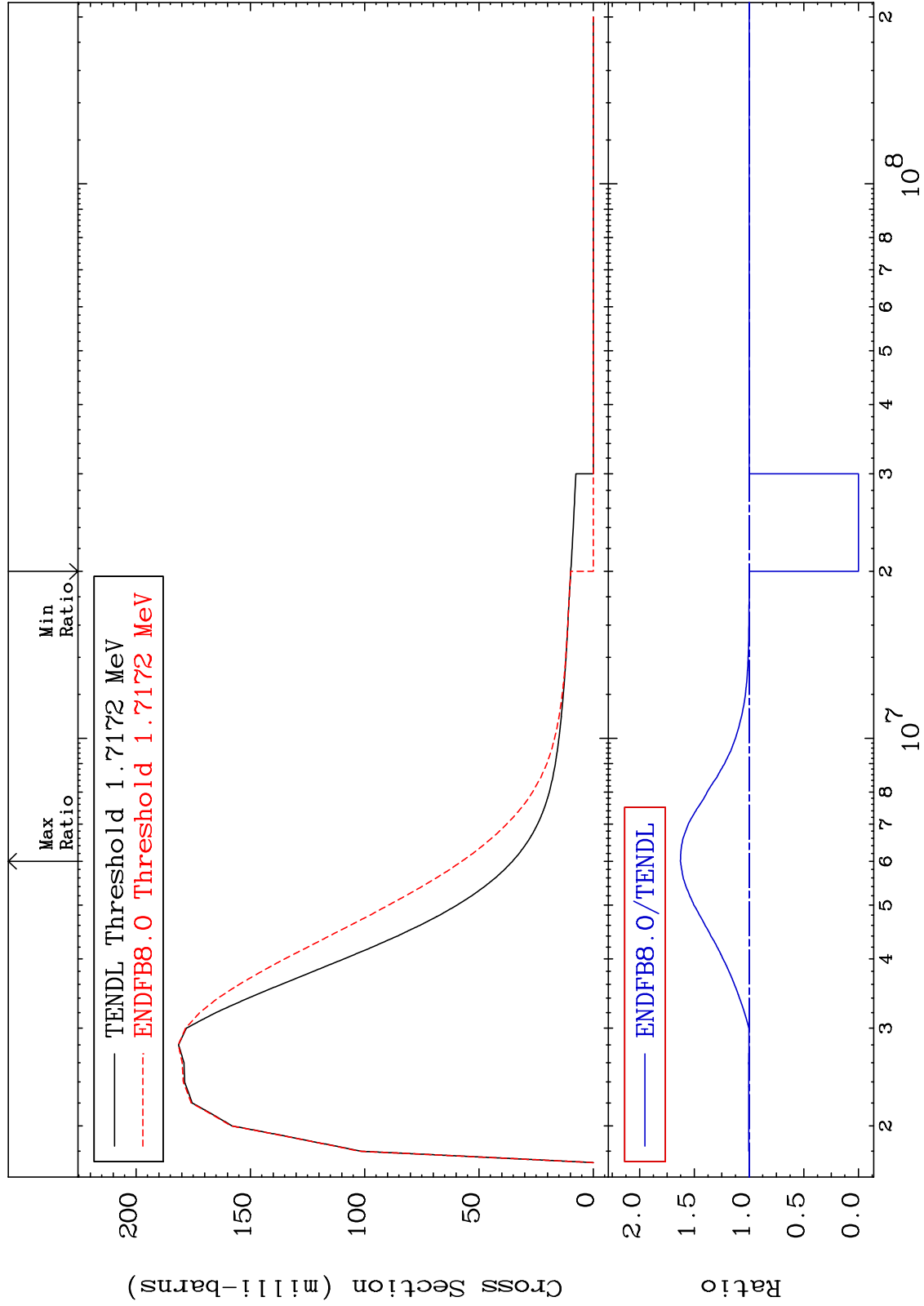
MAT 2034

MT= 55 (n,n') Level

20-Ca-43

-100.0 To 62.72 %

Cross Section



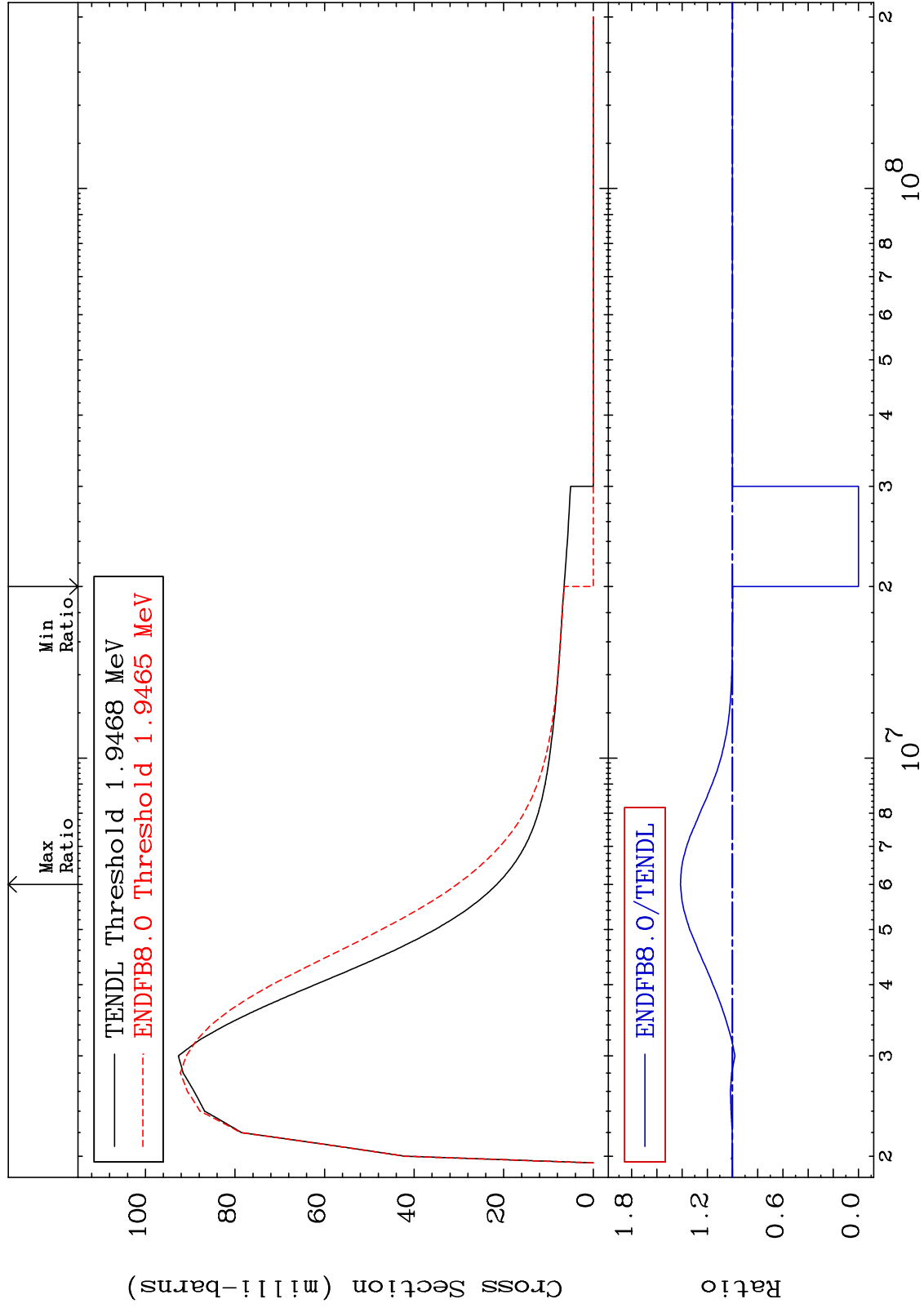
MAT 2034

MT= 56 (n,n') Level

20-Ca-43

-100.0 To 41.30 %

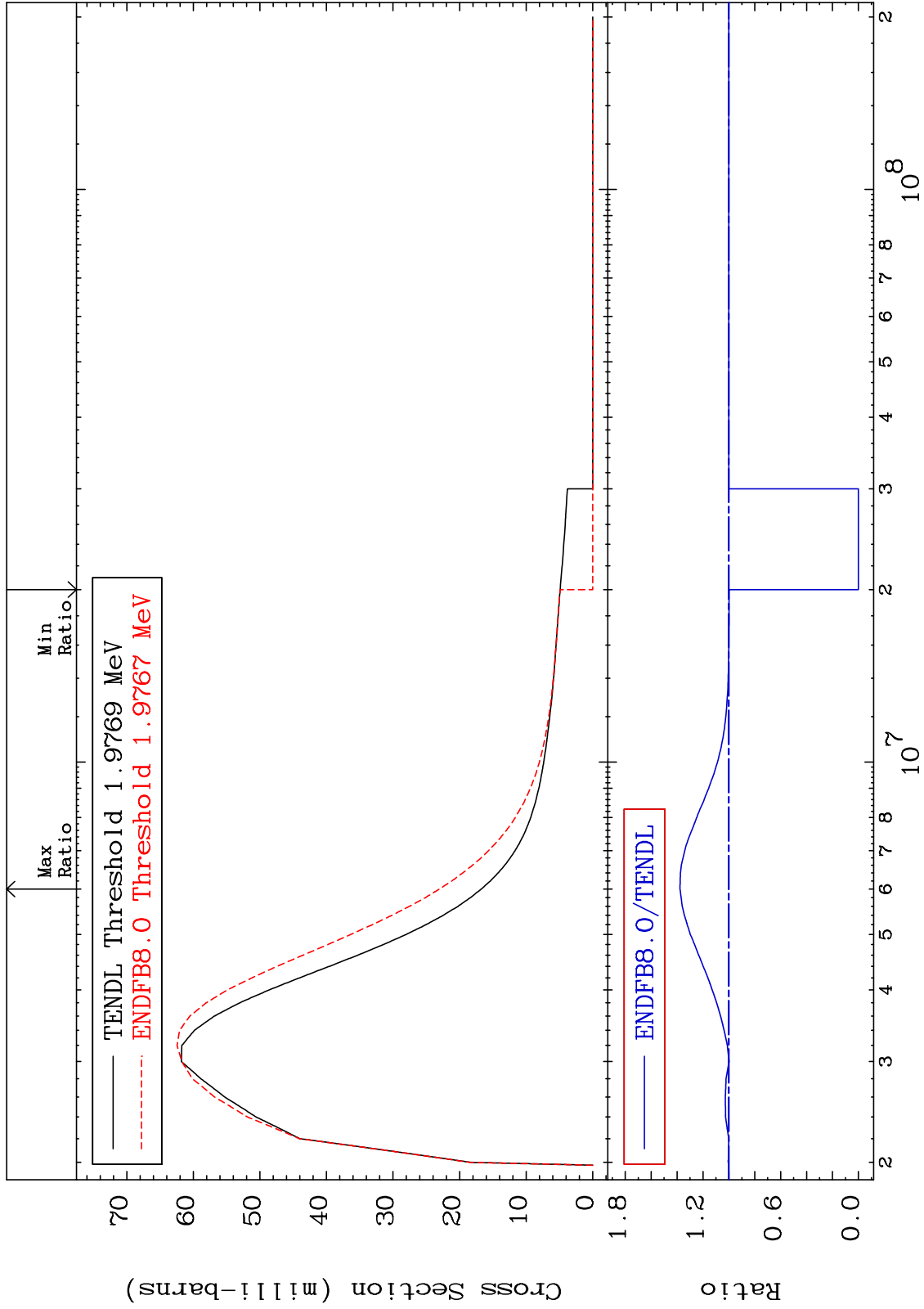
Cross Section



MAT 2034

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

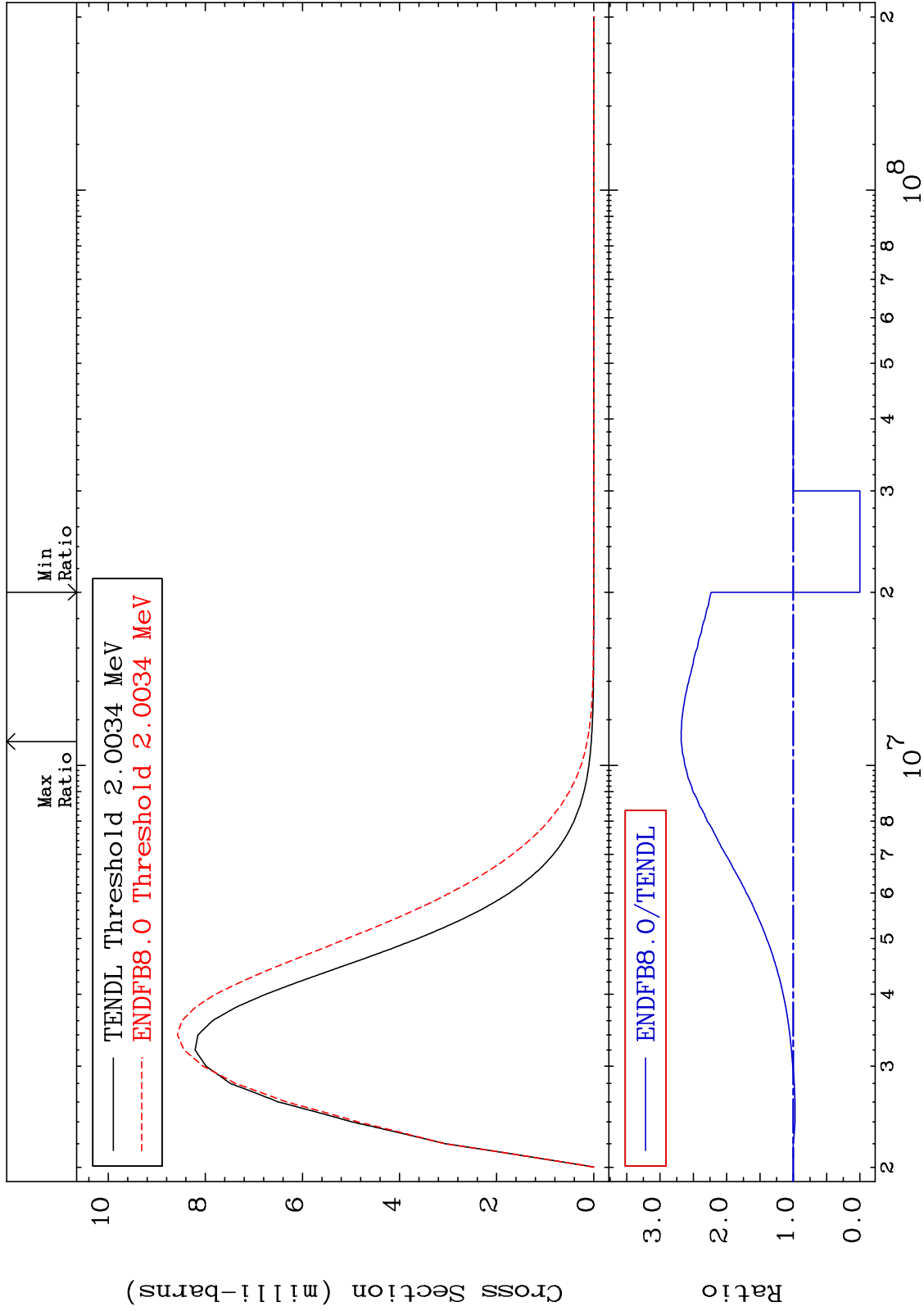
20-Ca-43
-100.0 To 37.72 %



MAT 2034

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

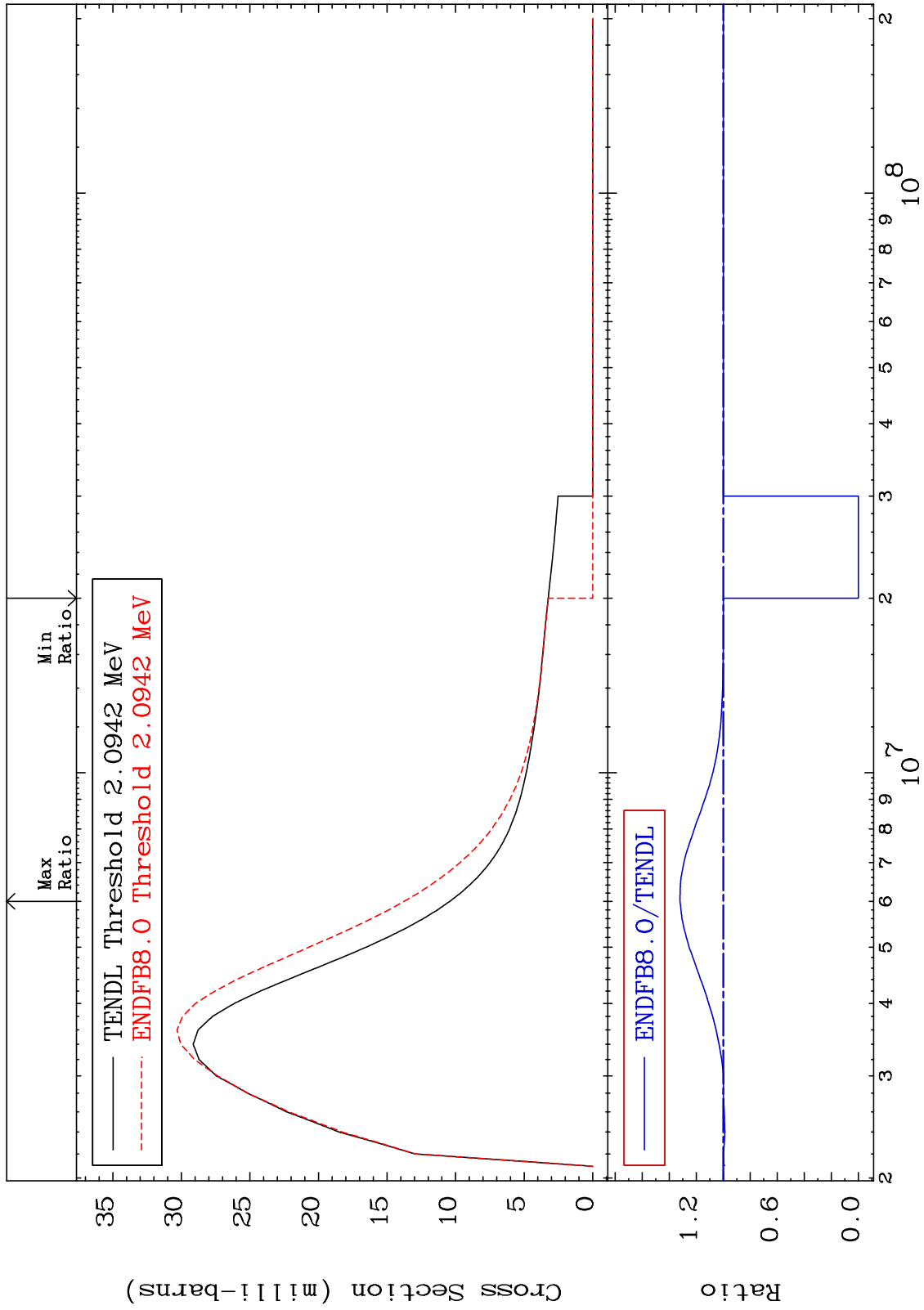
20-Ca-43
-100.0 To 168.2 %



MAT 2034

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

20-Ca-43
-100.0 To 31.99 %



20

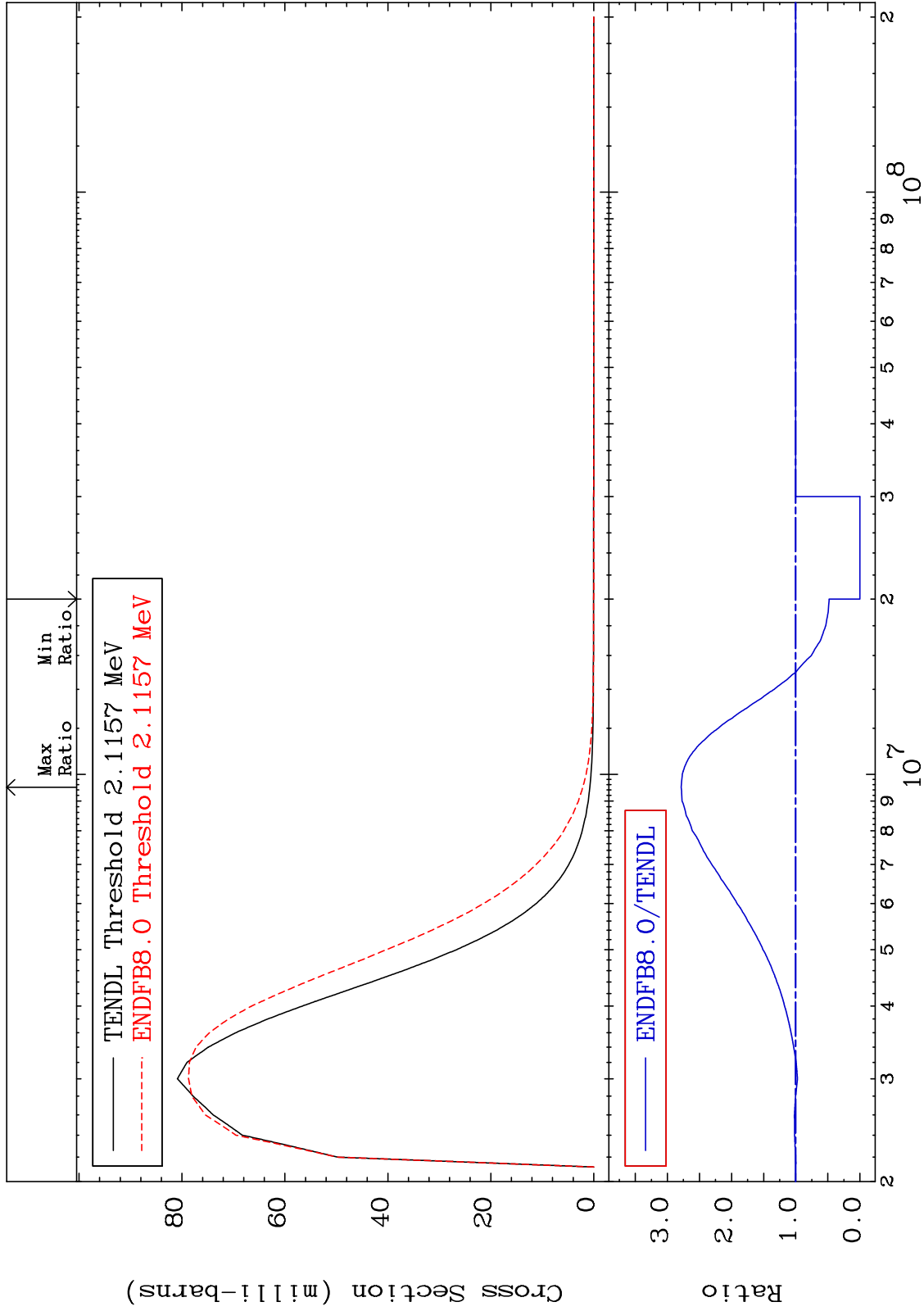
Incident Energy (eV)

20-Ca-43

MAT 2034

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

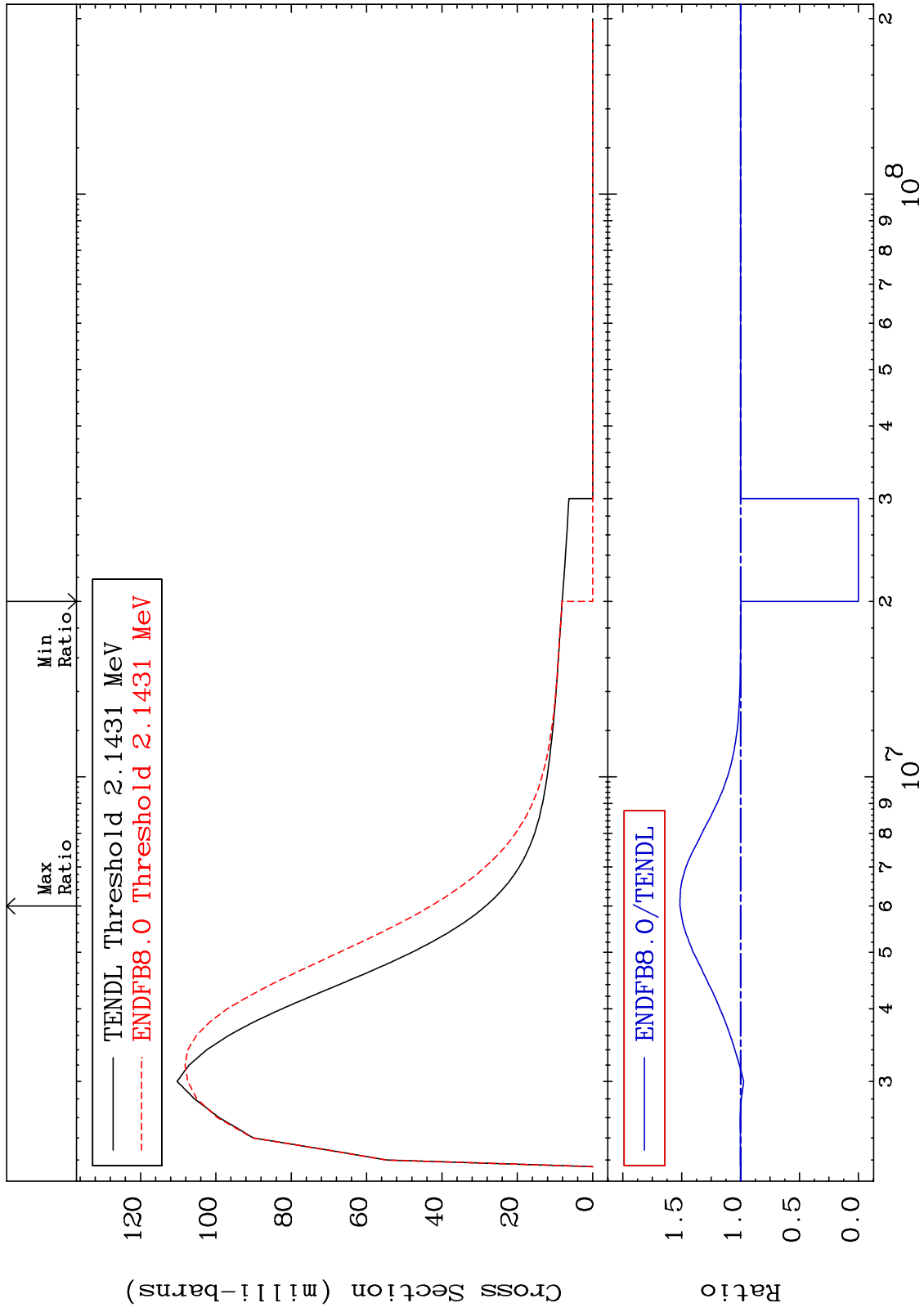
20-Ca-43
-100.0 To 178.4 %



MAT 2034

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

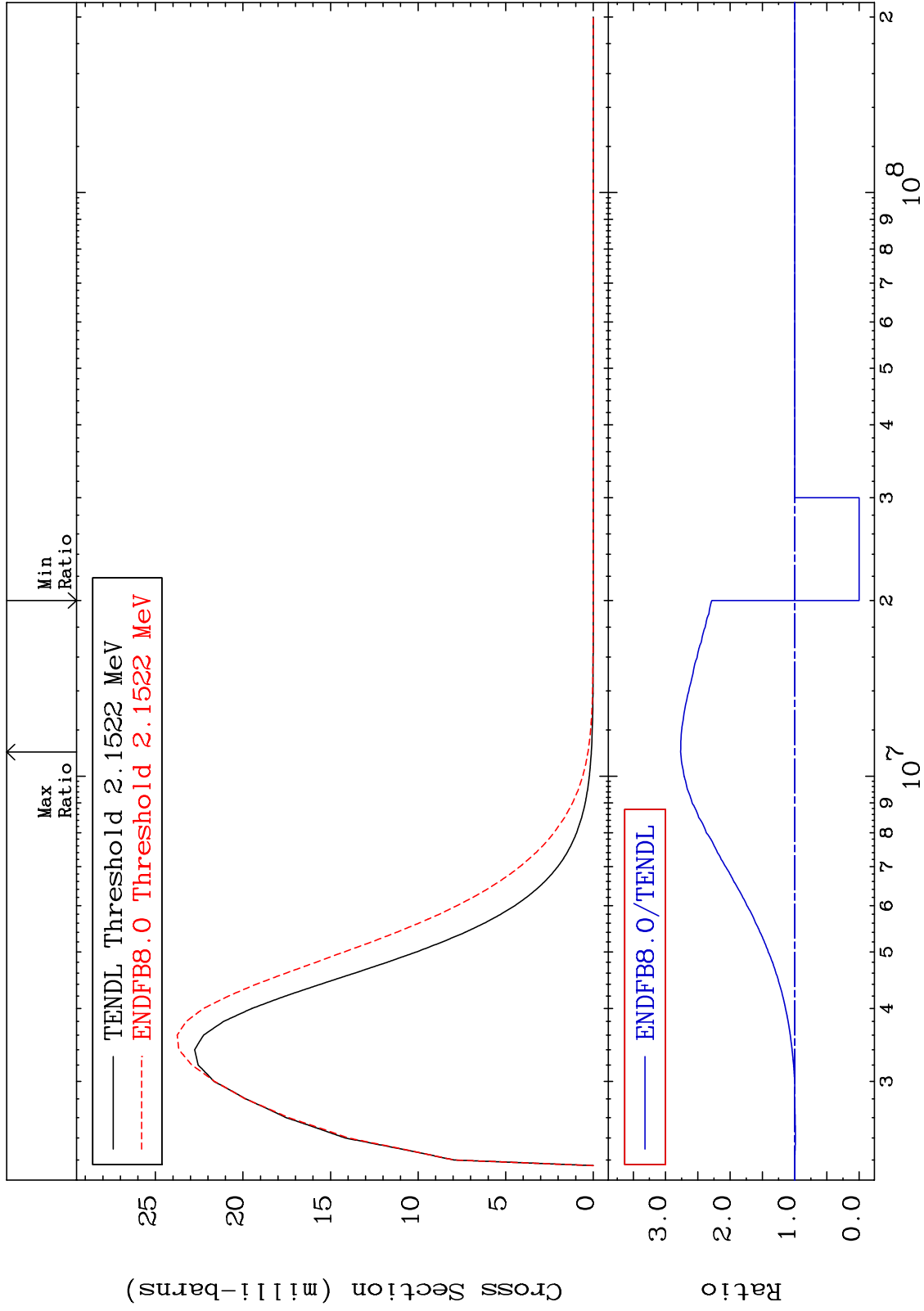
20-Ca-43
-100.0 To 51.44 %



MAT 2034

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

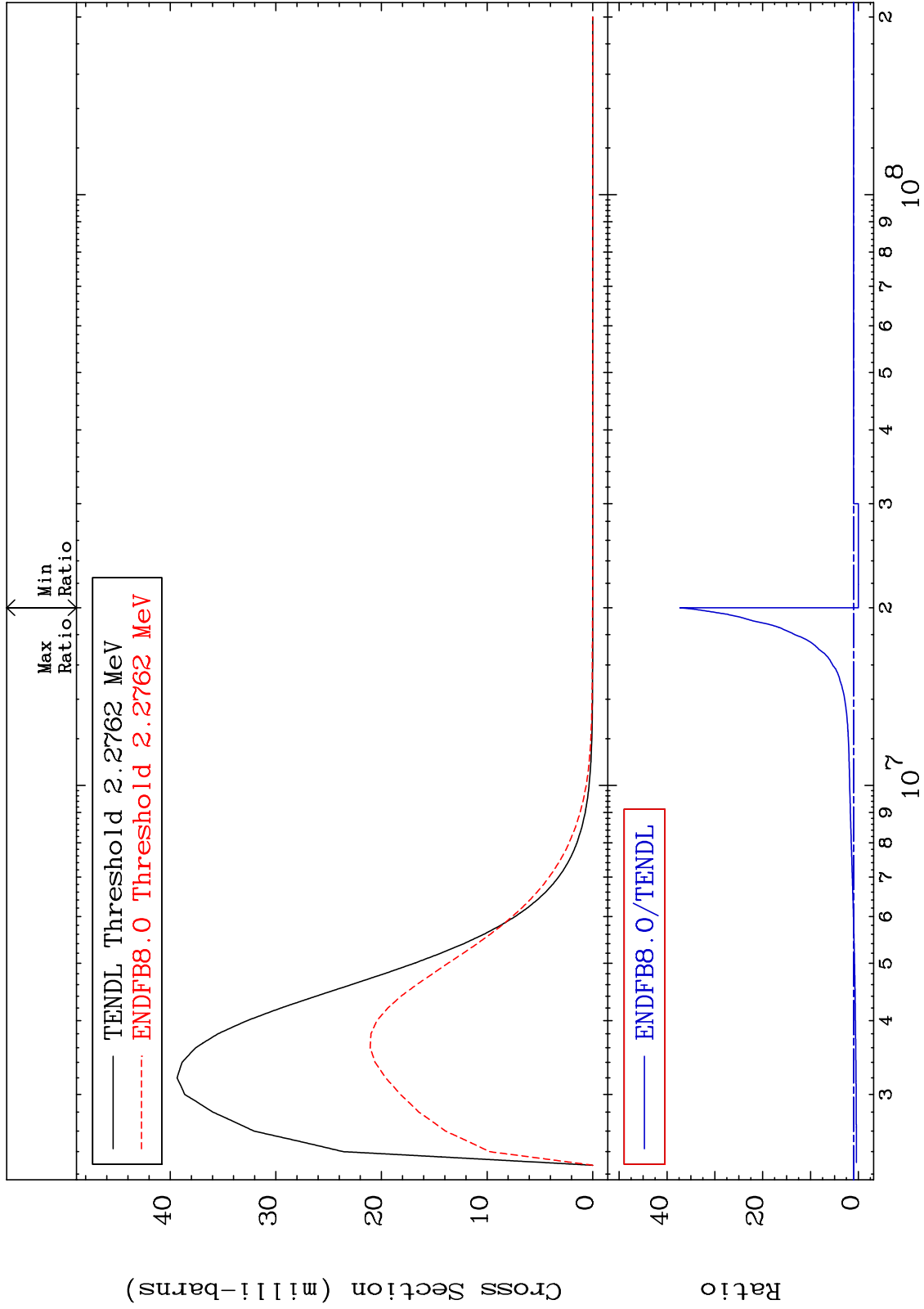
20-Ca-43
-100.0 To 176.7 %



MAT 2034

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

20-Ca-43
-100.0 To 3628. %



24

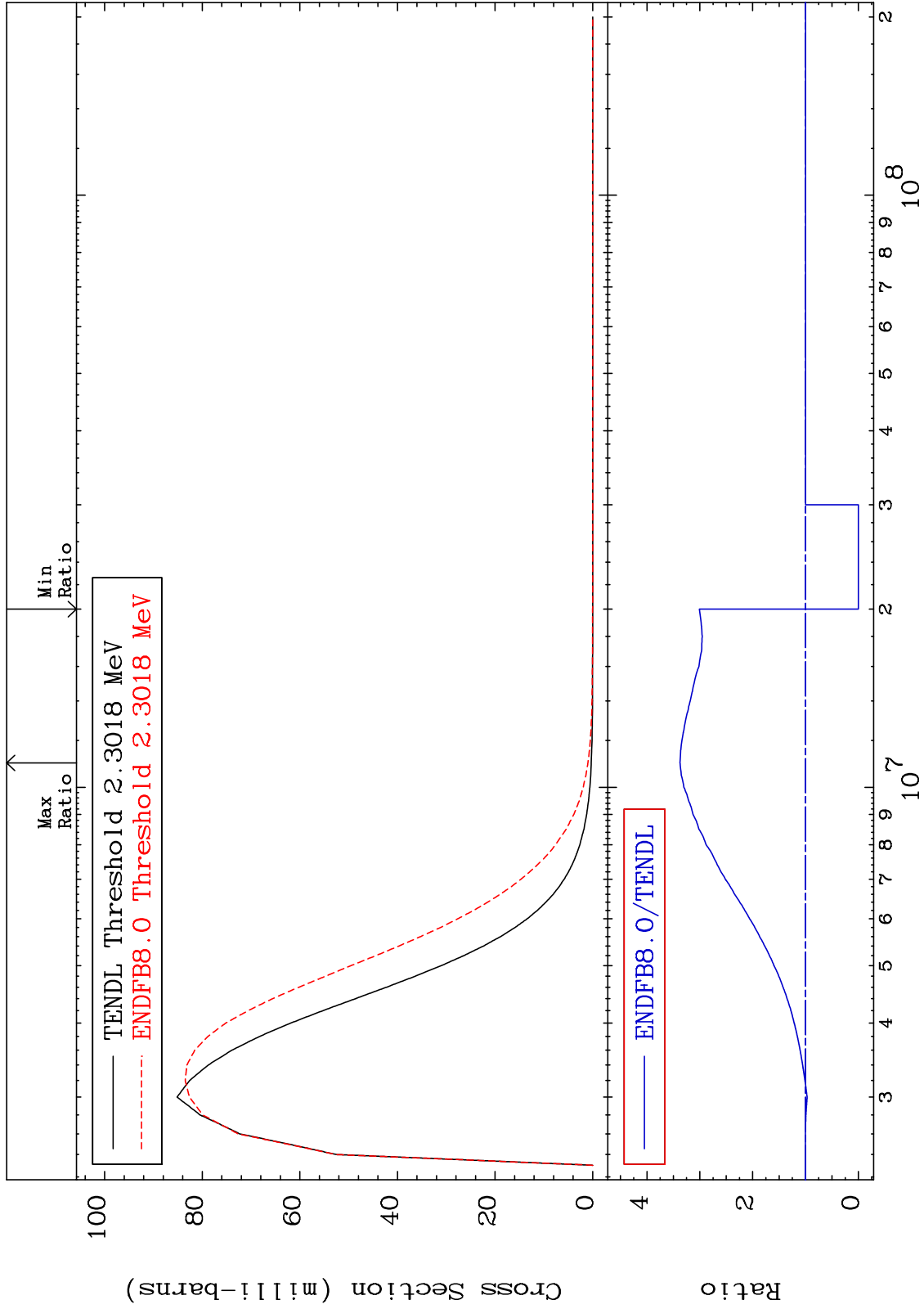
Incident Energy (eV)

20-Ca-43

MAT 2034

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

20-Ca-43
-100.0 To 237.4 %



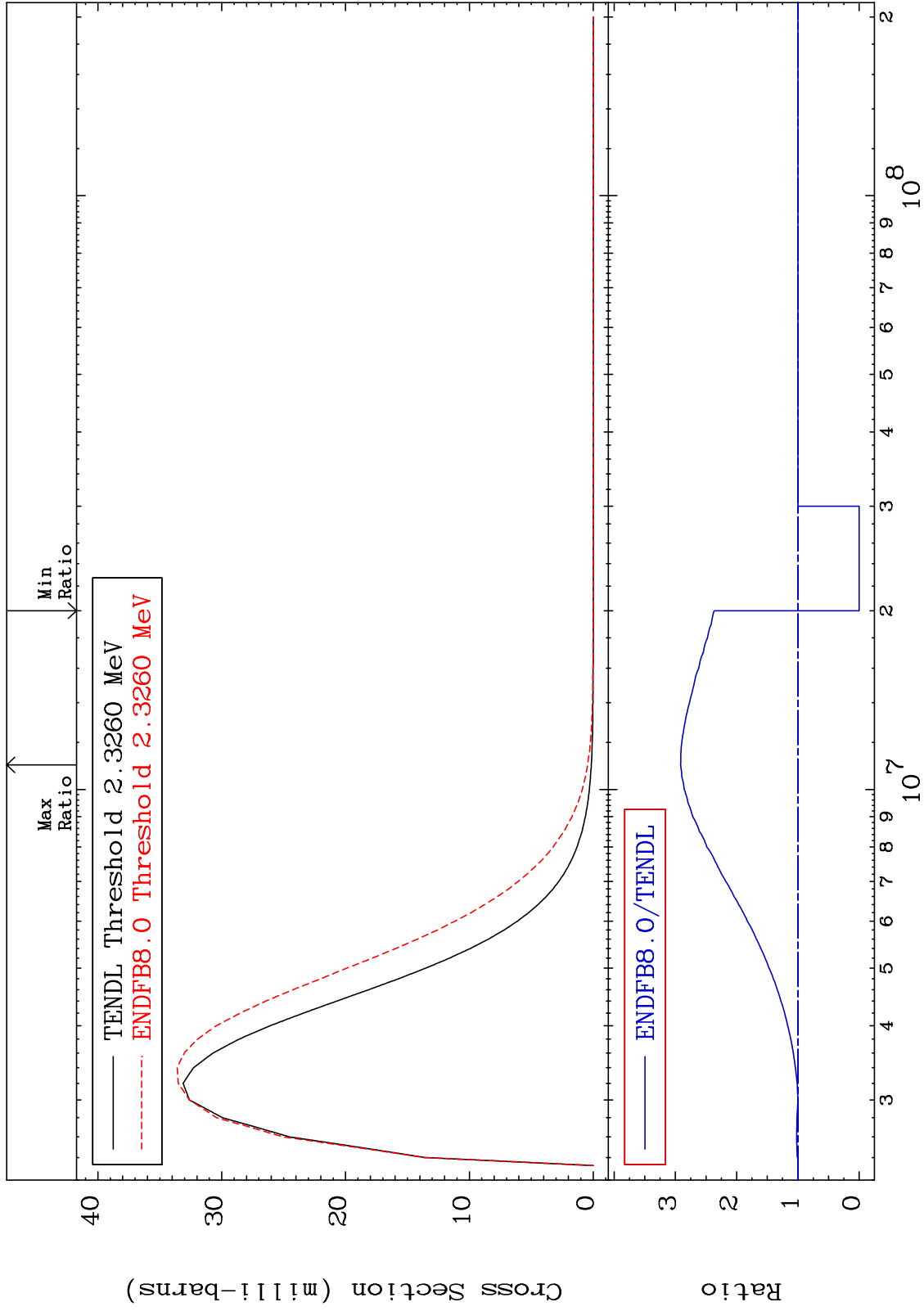
25

20-Ca-43

MAT 2034

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

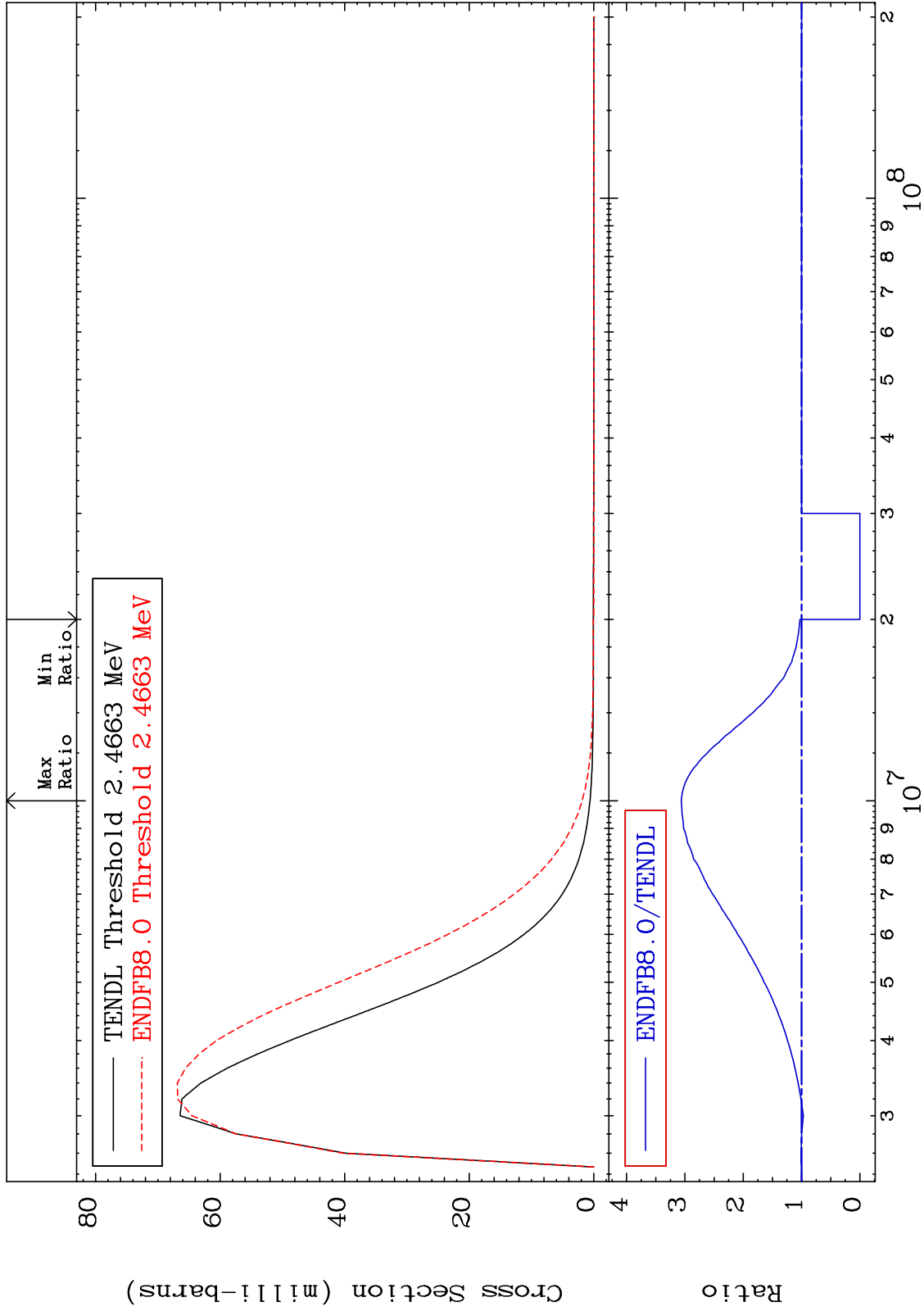
20-Ca-43
-100.0 To 191.5 %



MAT 2034

MT= 66 (n,n') Level
Cross Section

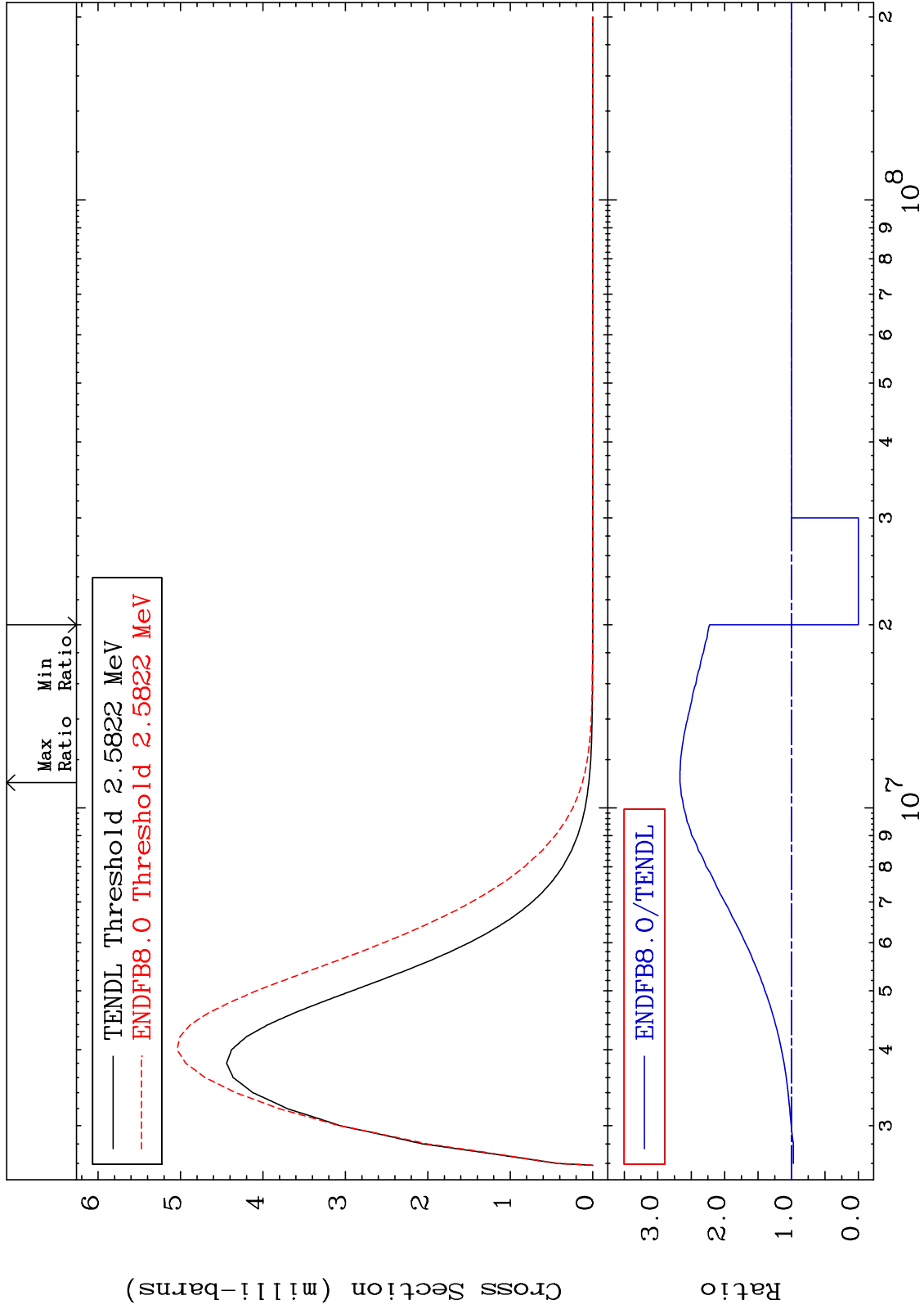
20-Ca-43
-100.0 To 206.3 %



MAT 2034

MT= 67 (n,n') Level
Cross Section

20-Ca-43
-100.0 To 166.7 %



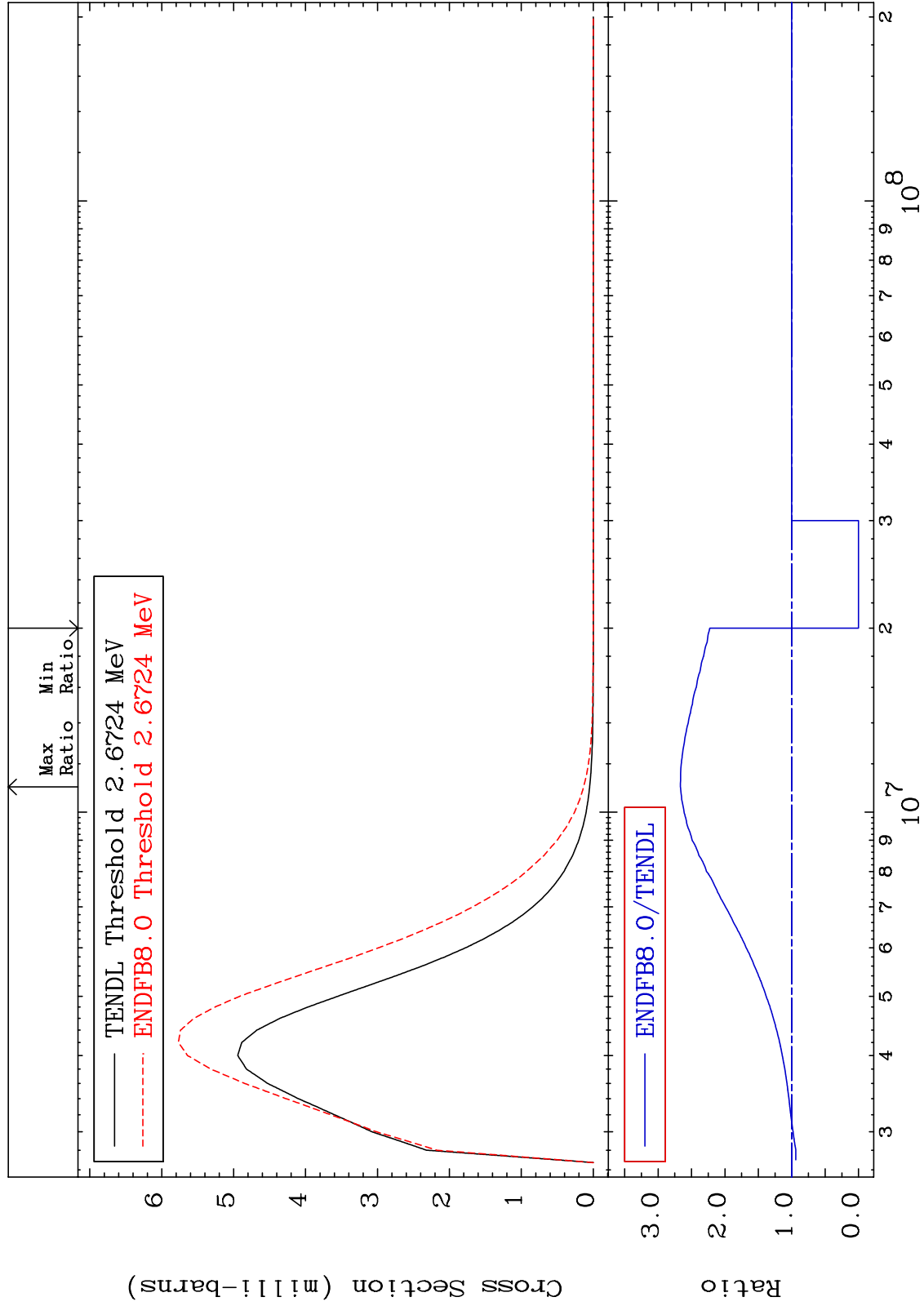
MAT 2034

MT= 68 (n,n') Level

20-Ca-43

-100.0 To 166.6 %

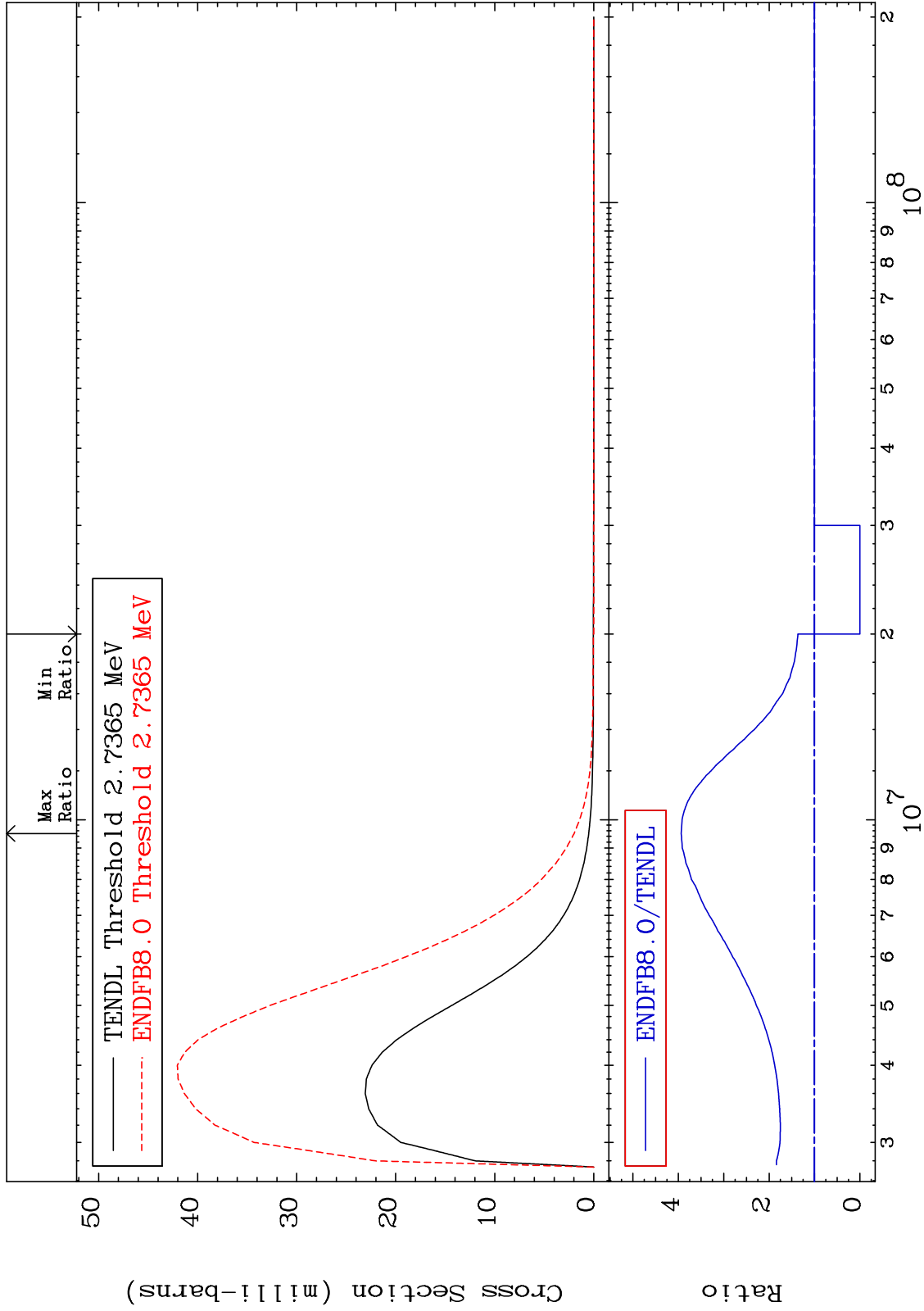
Cross Section



MAT 2034

MT= 69 (n,n') Level
Cross Section

20-Ca-43
-100.0 To 293.5 %



30

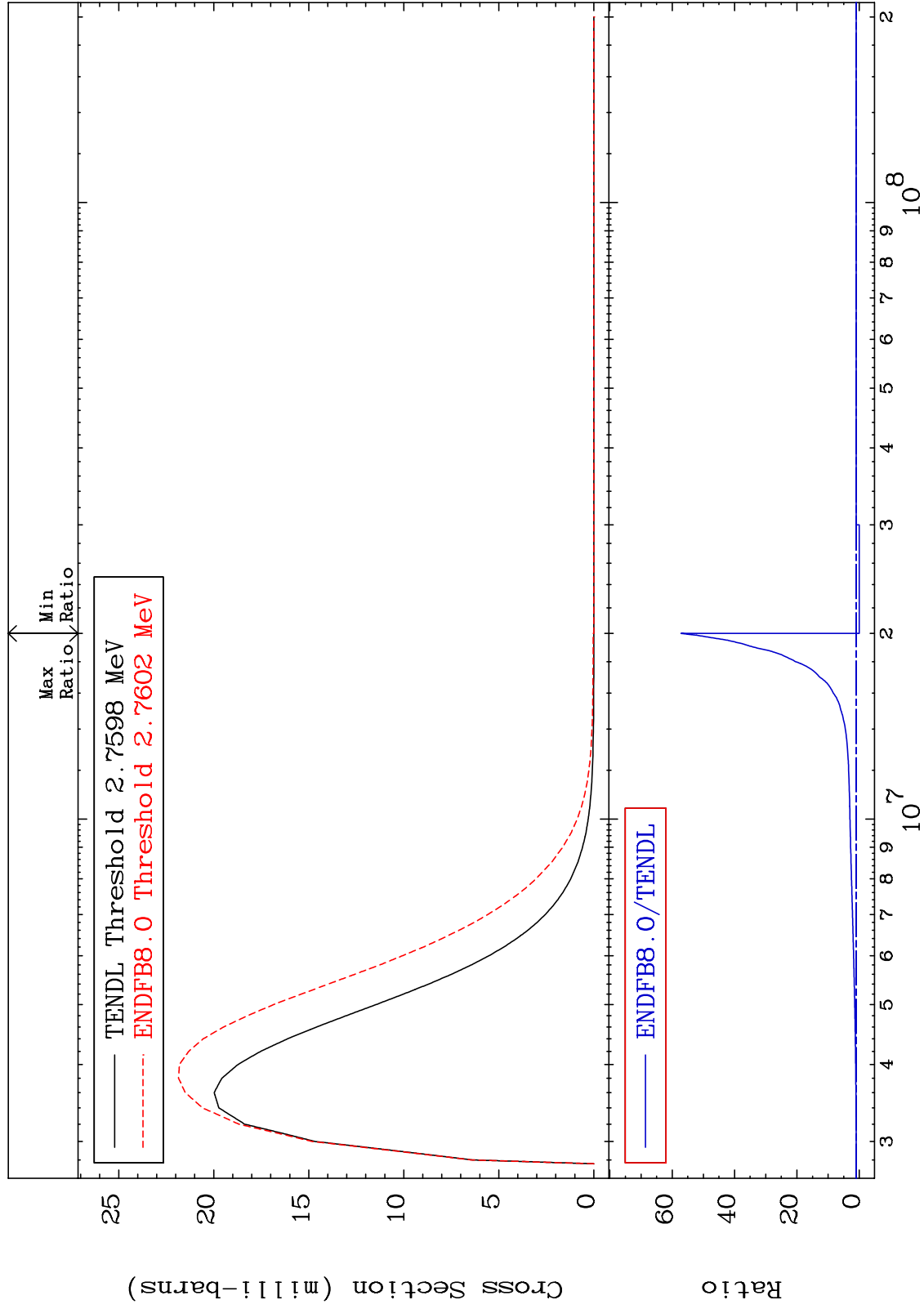
MAT 2034

MT= 70 (n,n') Level

20-Ca-43

-100.0 To 5616. %

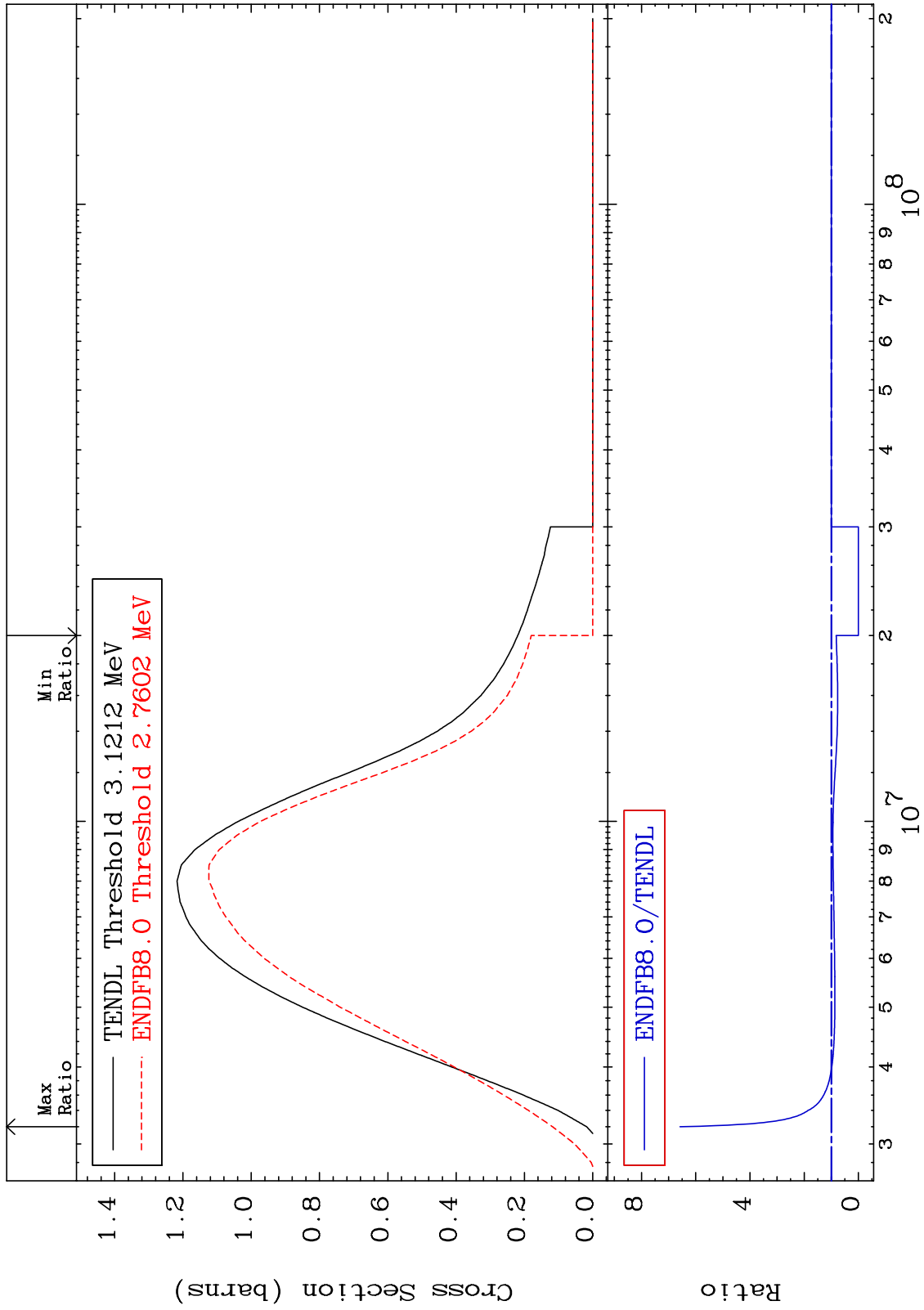
Cross Section



MAT 2034

(n, n') Continuum
Cross Section

20-Ca-43
-100.0 To 558.0 %



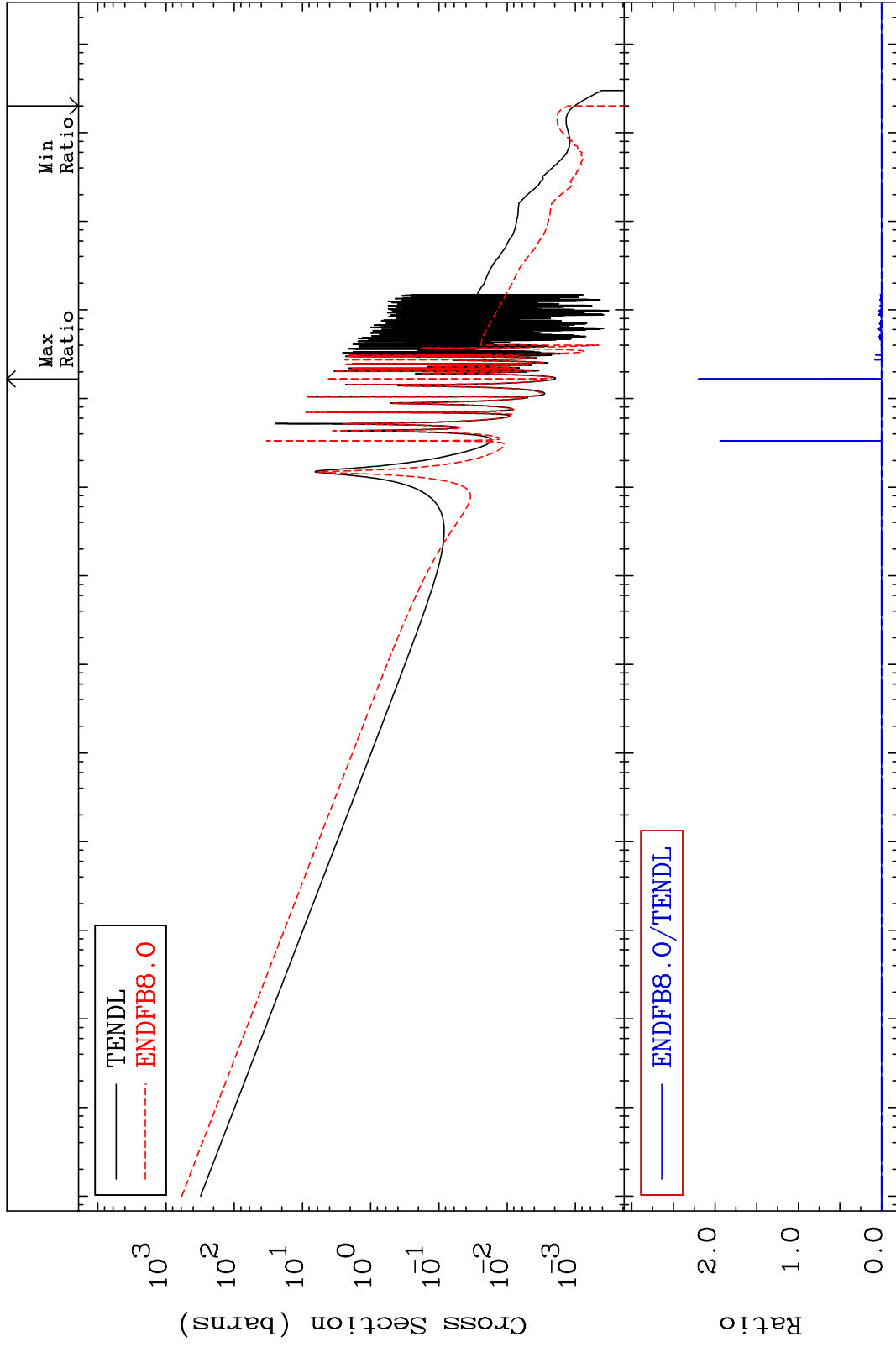
MAT 2034

(n, γ)

20-Ca-43

Cross Section

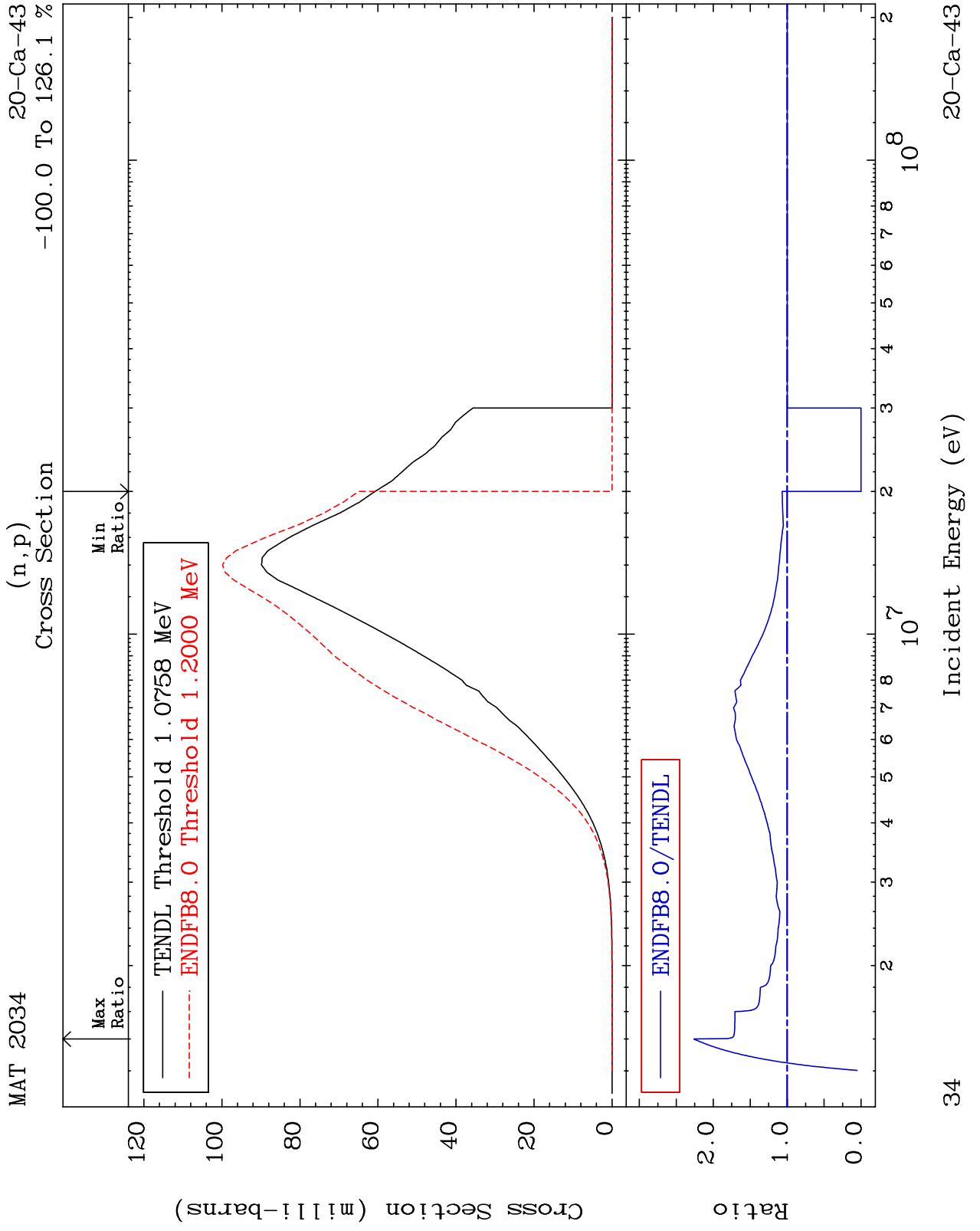
-100.0 To 9999. %



Incident Energy (eV)

20-Ca-43

33



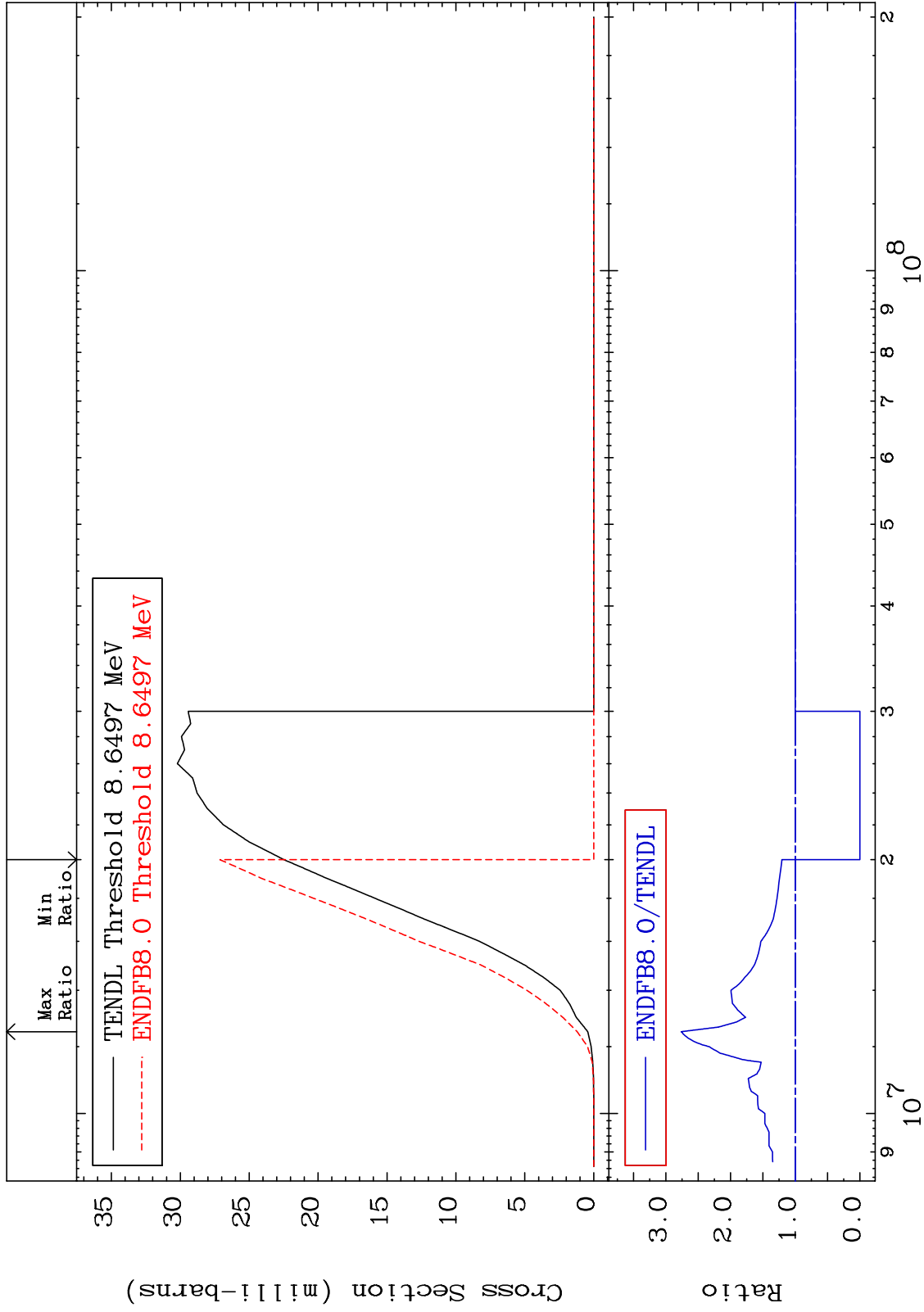
MAT 2034

(n, d)

20-Ca-43

Cross Section

-100.0 To 176.1 %



35

Incident Energy (eV)

20-Ca-43

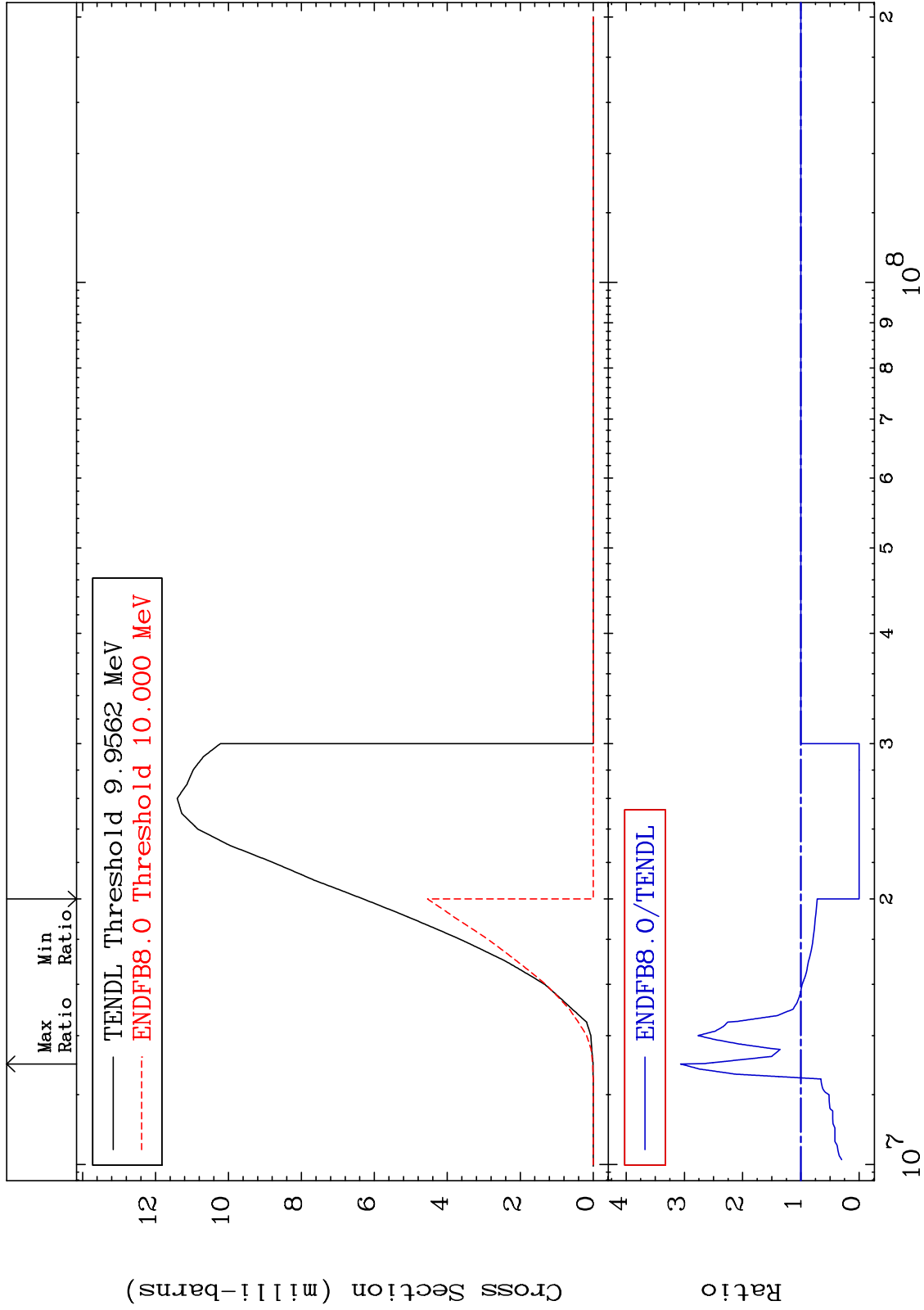
MAT 2034

(n, t)

20-Ca-43

Cross Section

-100.0 To 206.5 %



Incident Energy (eV)

20-Ca-43

36

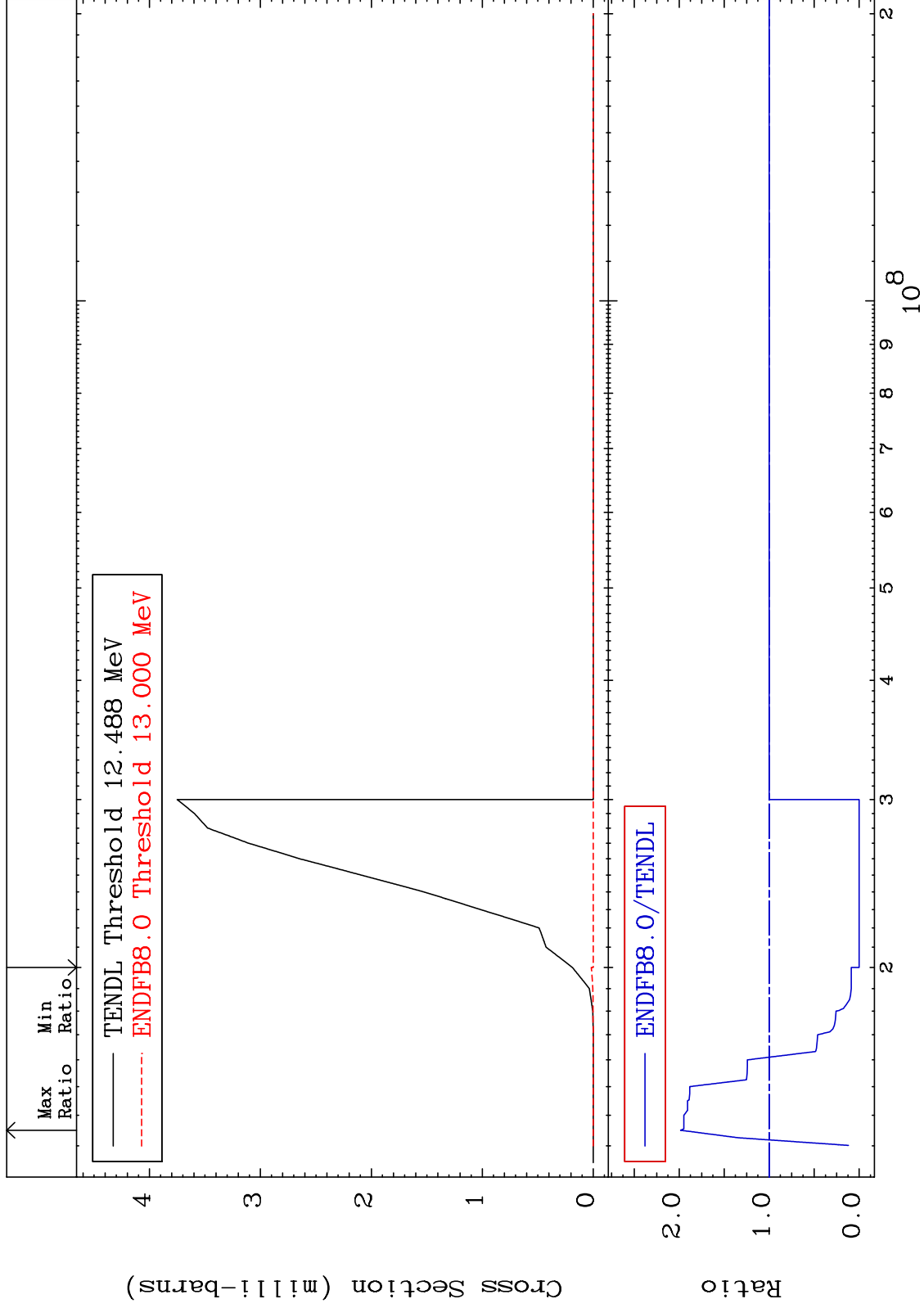
MAT 2034

(n, He-3)

20-Ca-43

Cross Section

-100.0 To 98.39 %



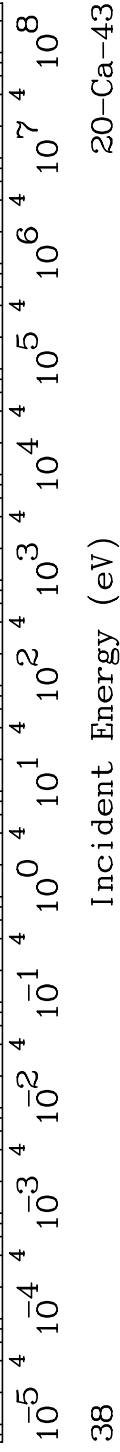
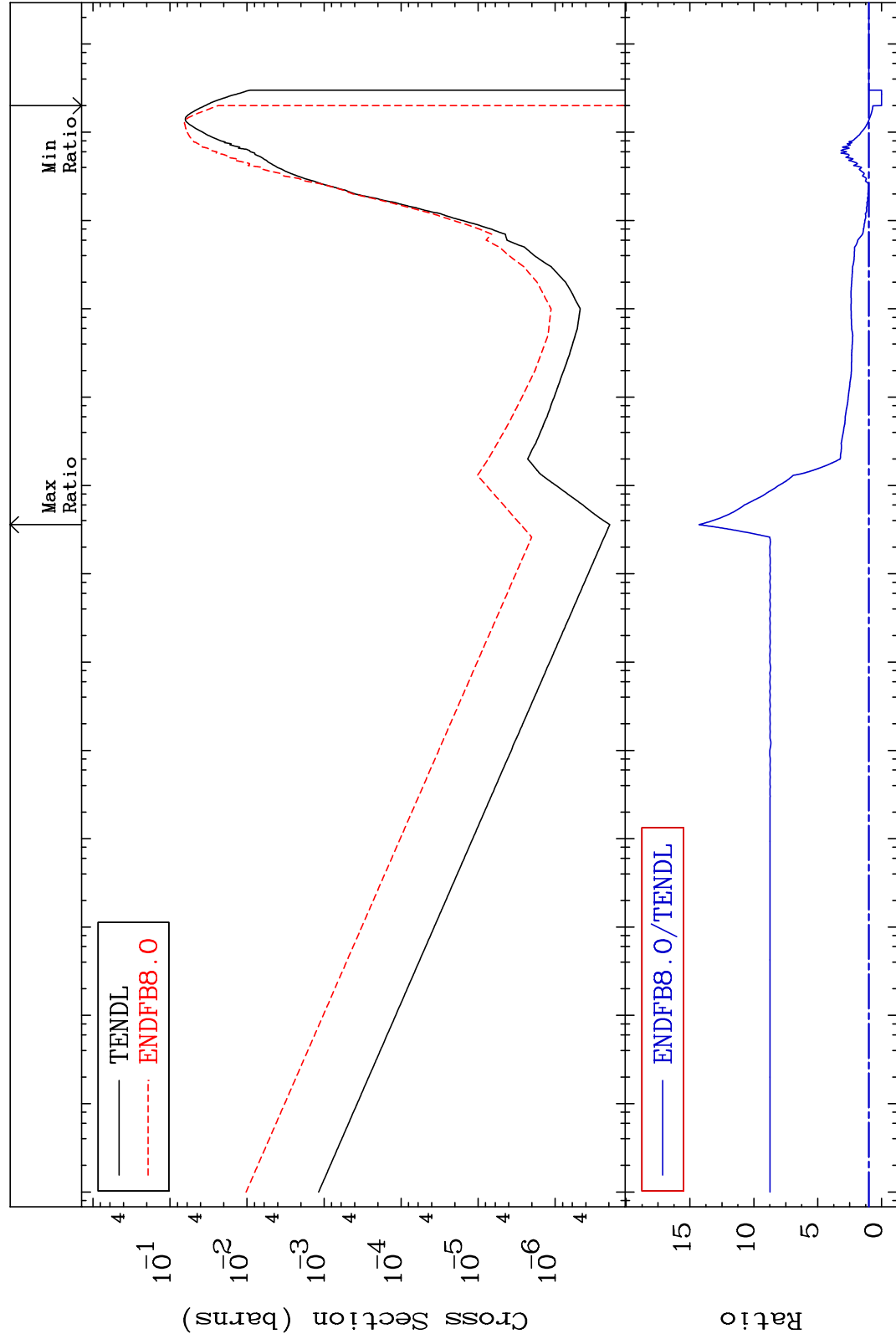
MAT 2034

(n, α)

20-Ca-43

-100.0 To 1329. %

Cross Section



38

20-Ca-43

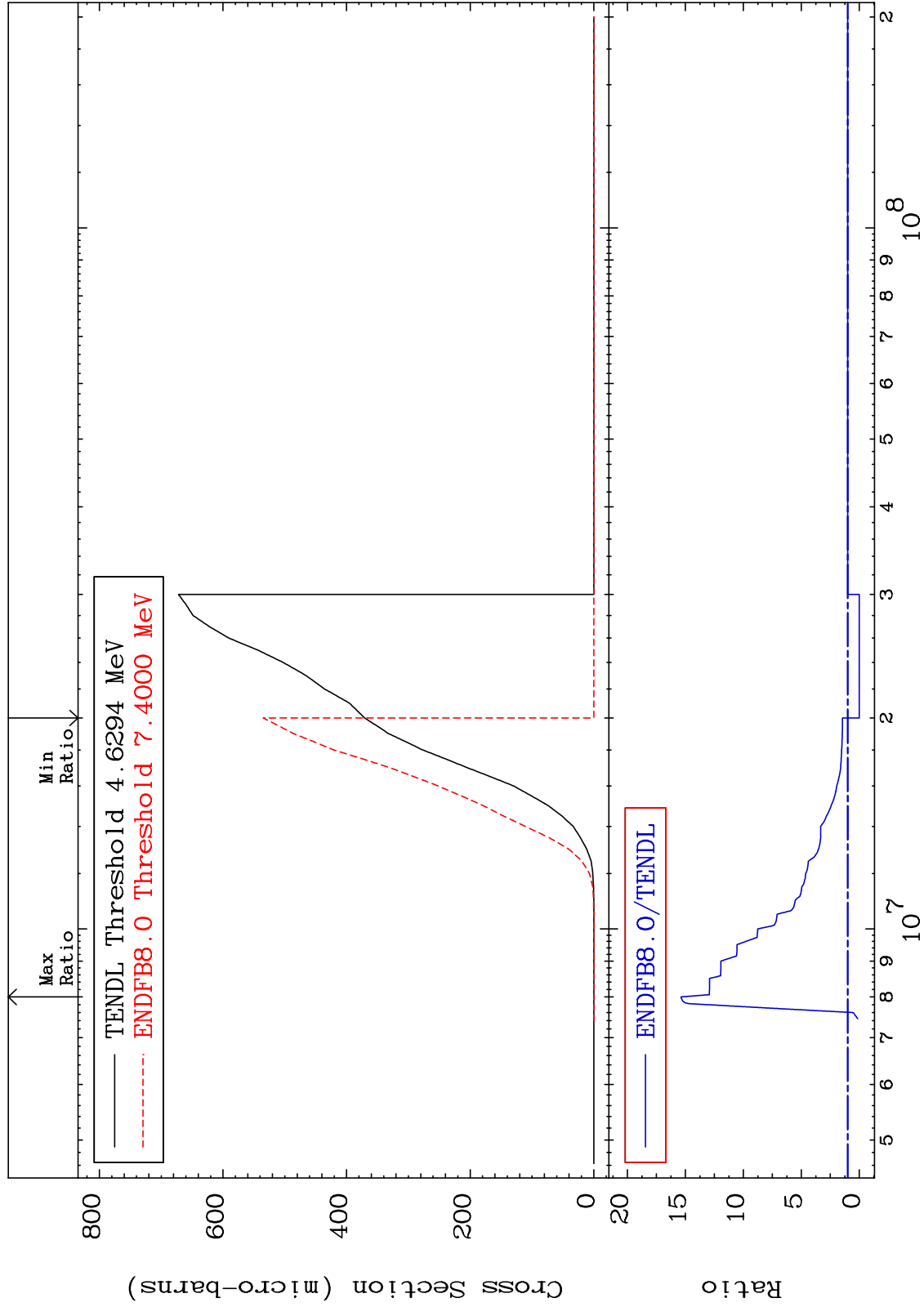
MAT 2034

(n, 2α)

20-Ca-43

Cross Section

-100.0 To 1437. %



39

Incident Energy (eV)

20-Ca-43

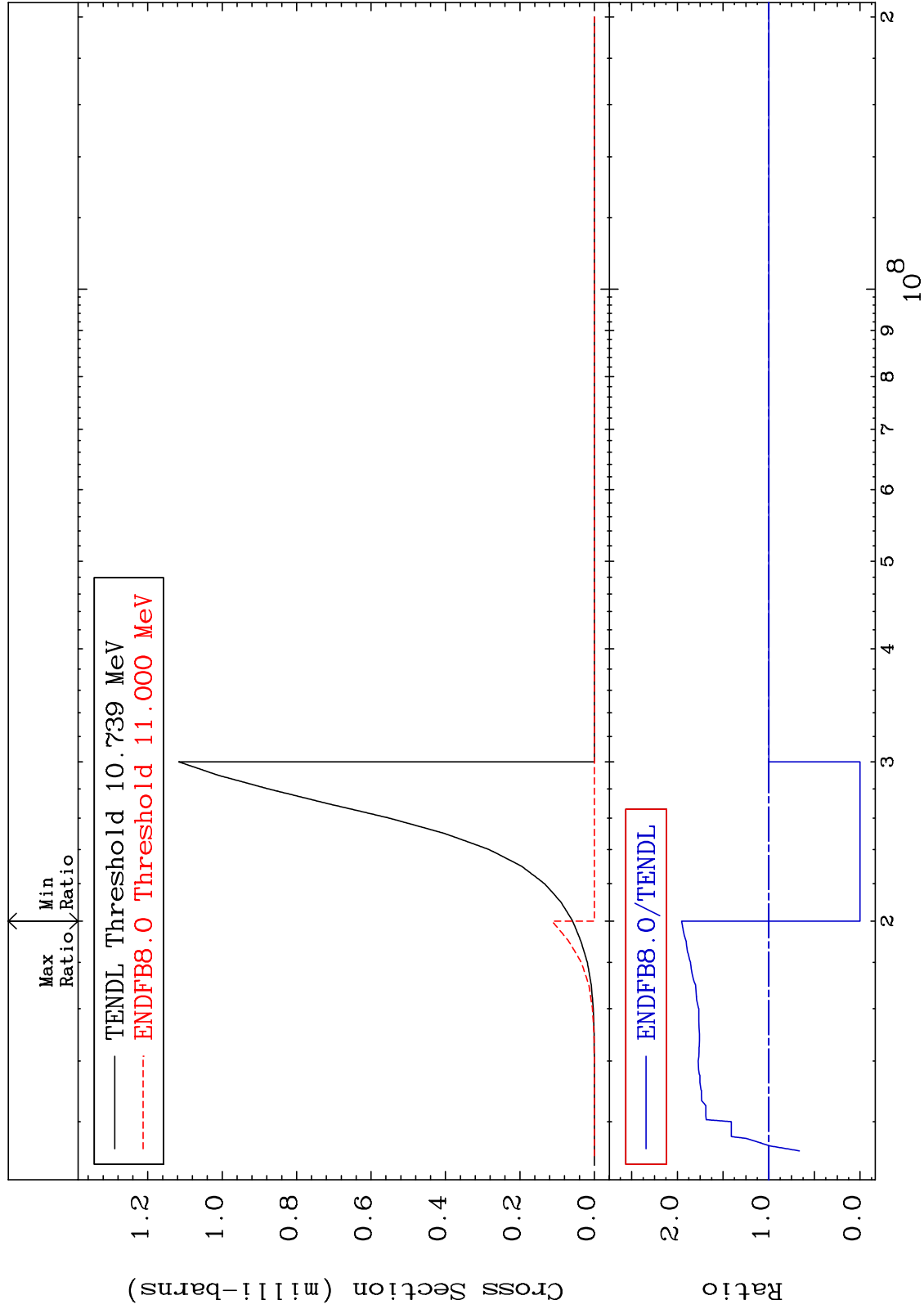
MAT 2034

(n,2p)

20-Ca-43

Cross Section

-100.0 To 95.34 %



40

Incident Energy (eV)

20-Ca-43

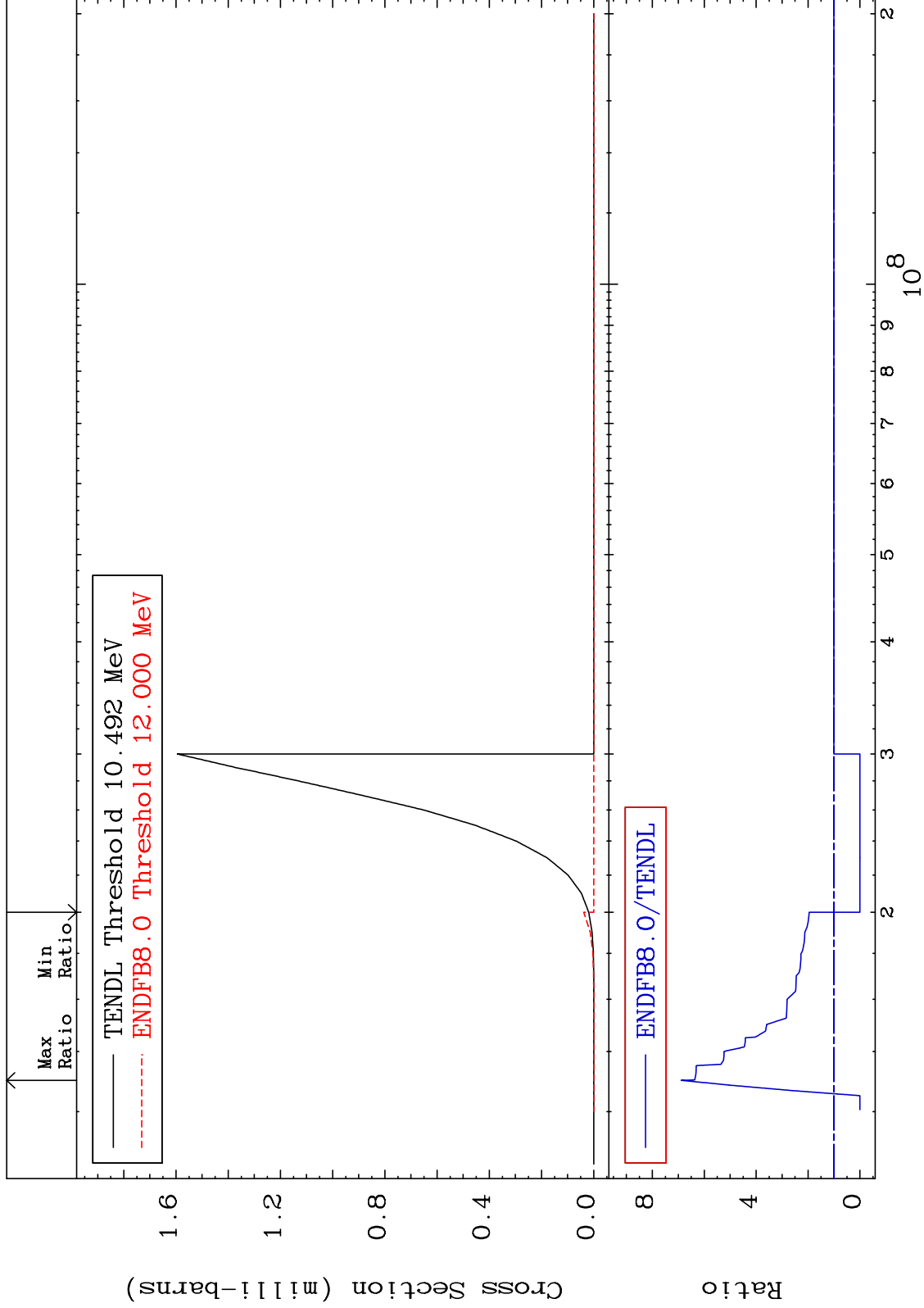
MAT 2034

(n,p) α

20-Ca-43

Cross Section

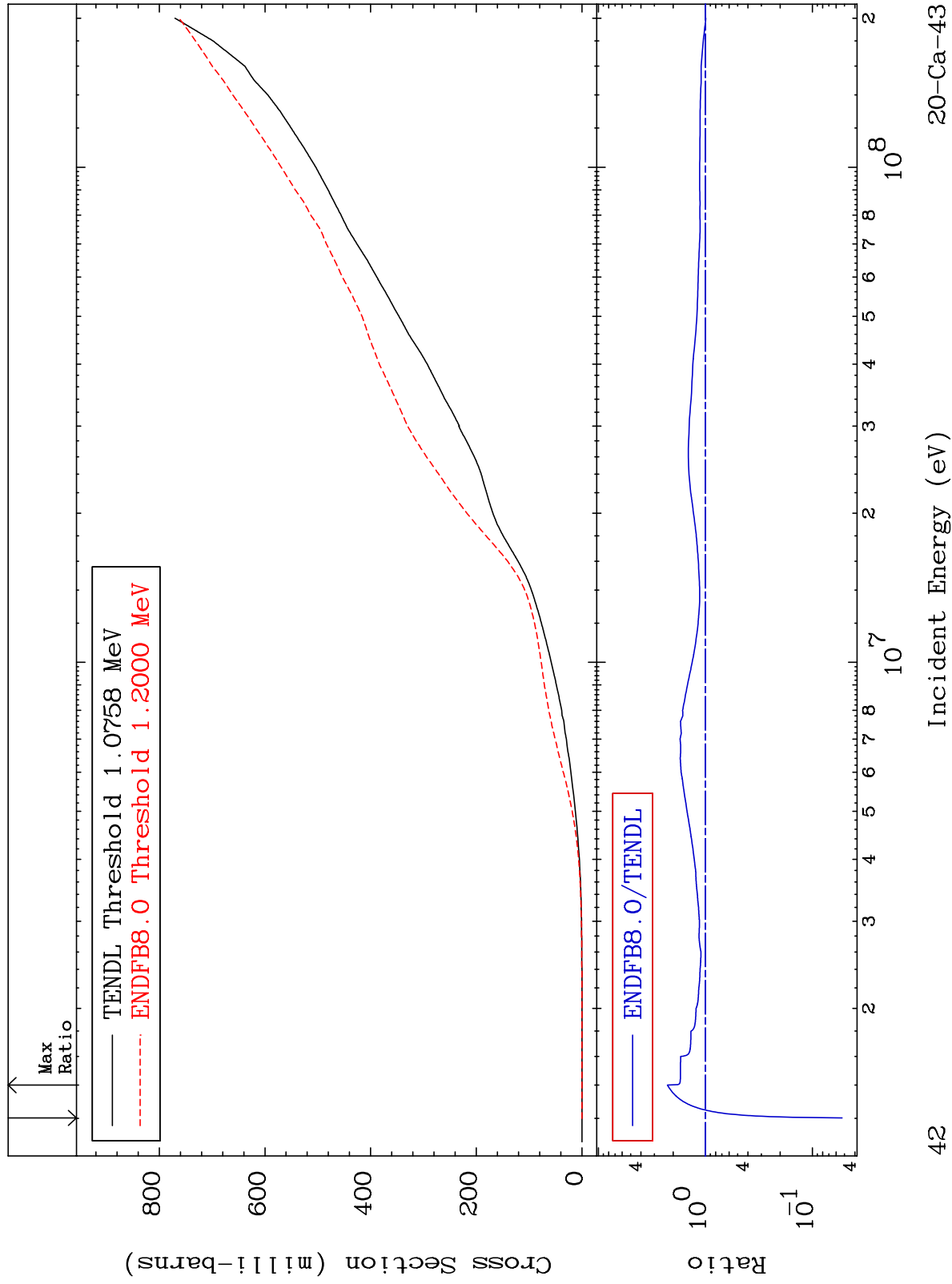
-100.0 To 588.7 %



MAT 2034

Hydrogen Production
Cross Section

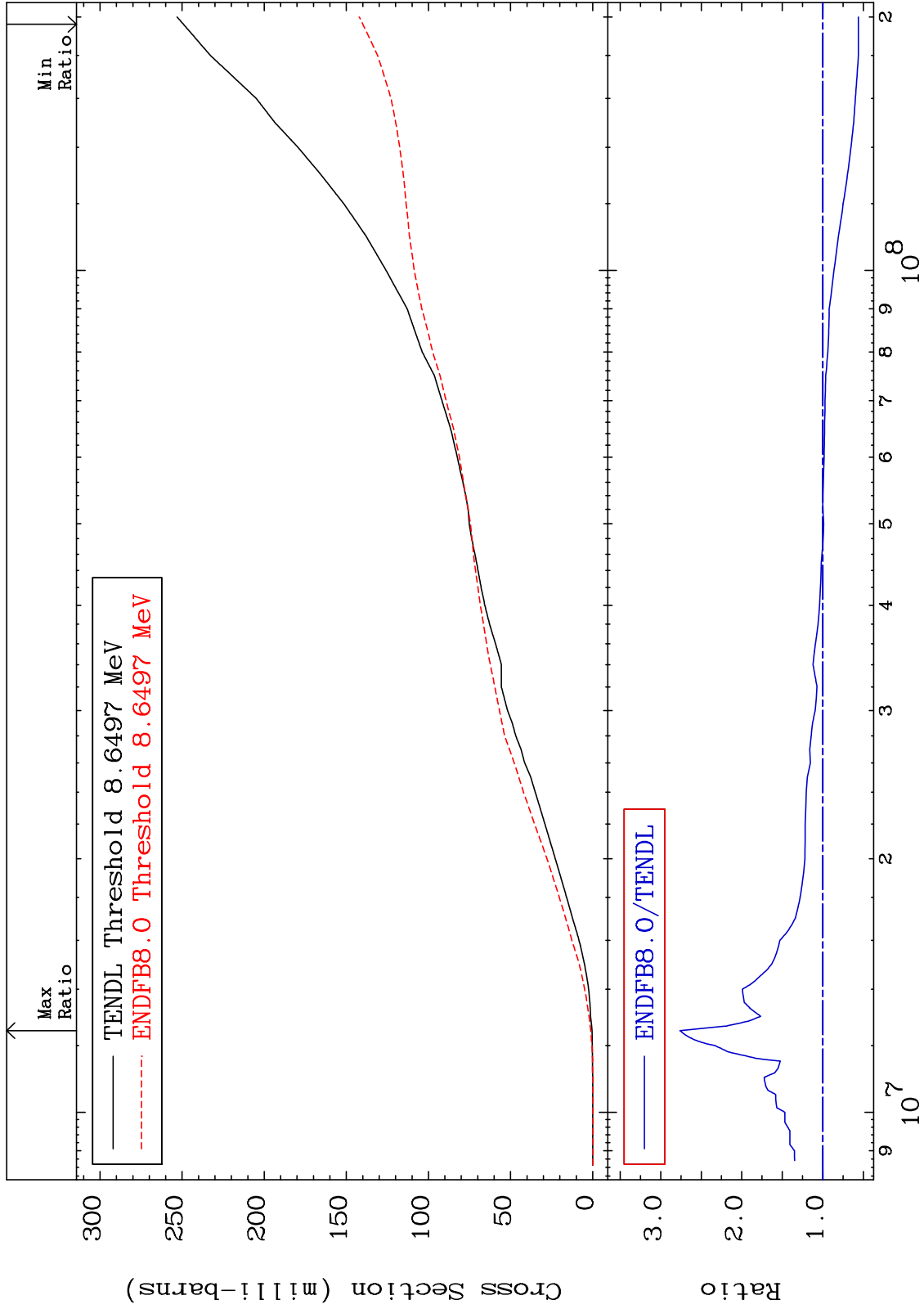
20-Ca-43
-94.73 To 126.1 %



MAT 2034

Deuterium Production
Cross Section

20-Ca-43
-43.84 To 176.1 %



43

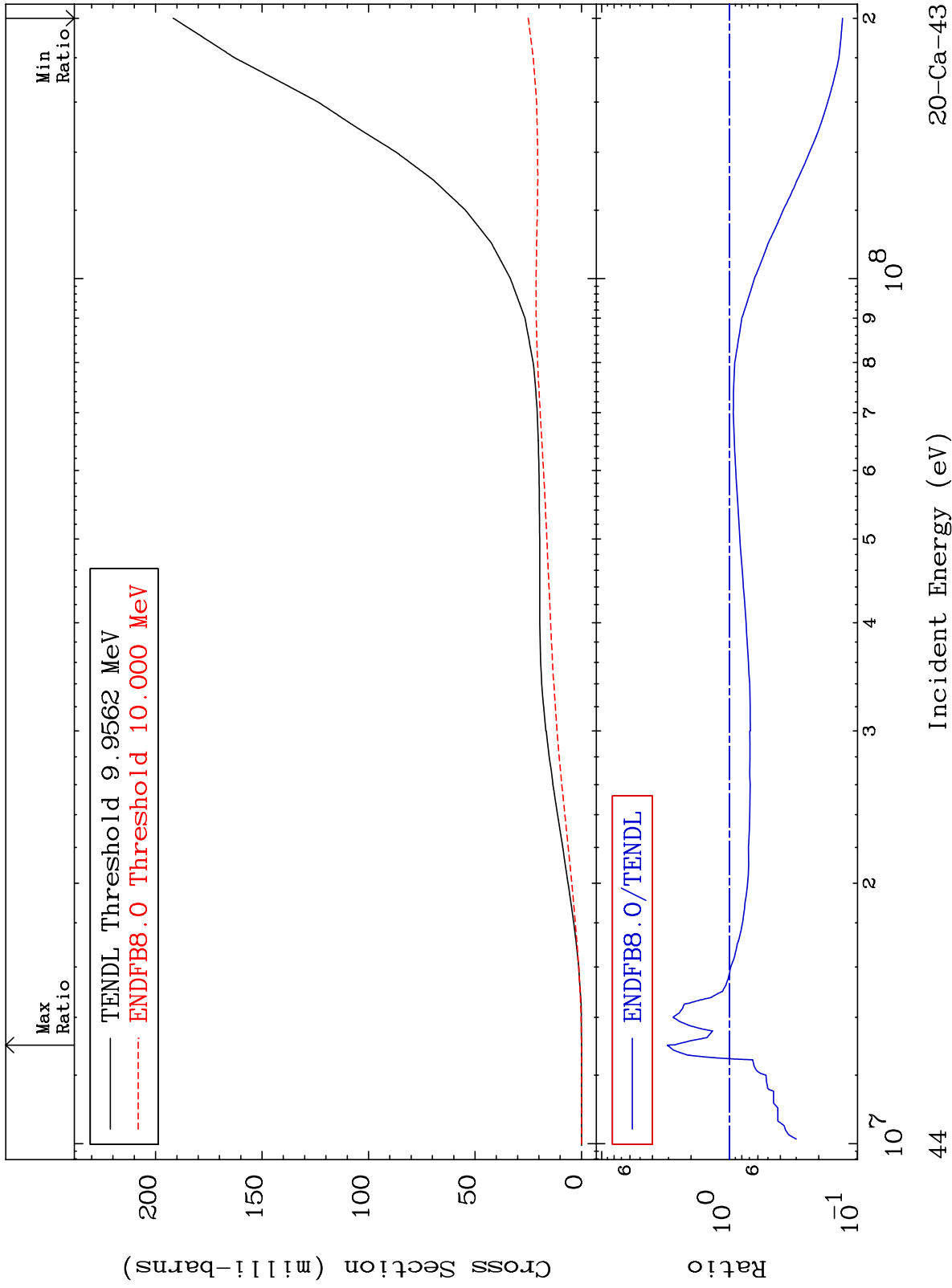
Incident Energy (eV)

20-Ca-43

MAT 2034

Tritium Production
Cross Section

20-Ca-43
-86.96 To 206.5 %



20-Ca-43

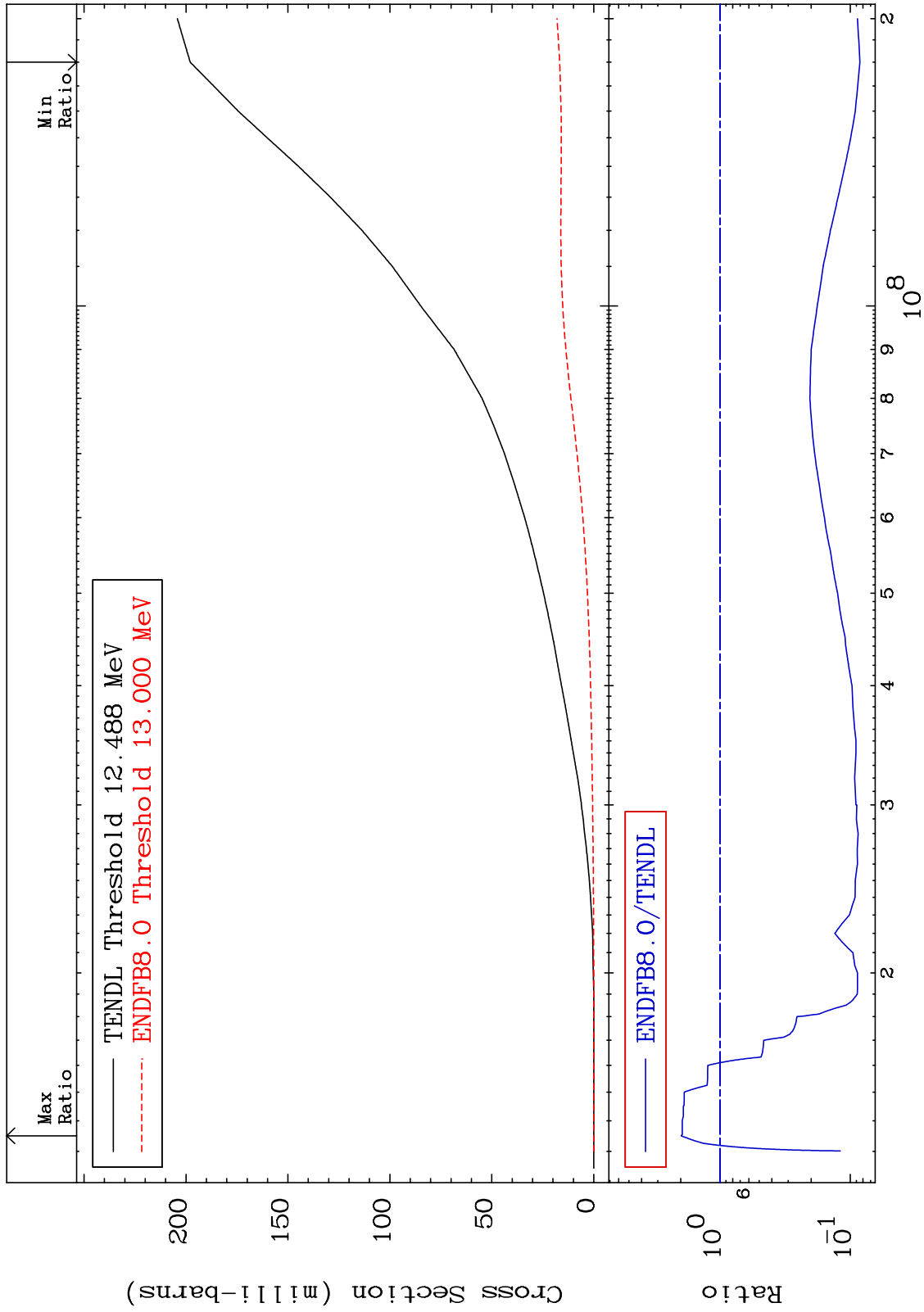
Incident Energy (eV)

44

MAT 2034

He-3 Production
Cross Section

20-Ca-43
-91.56 To 98.39 %



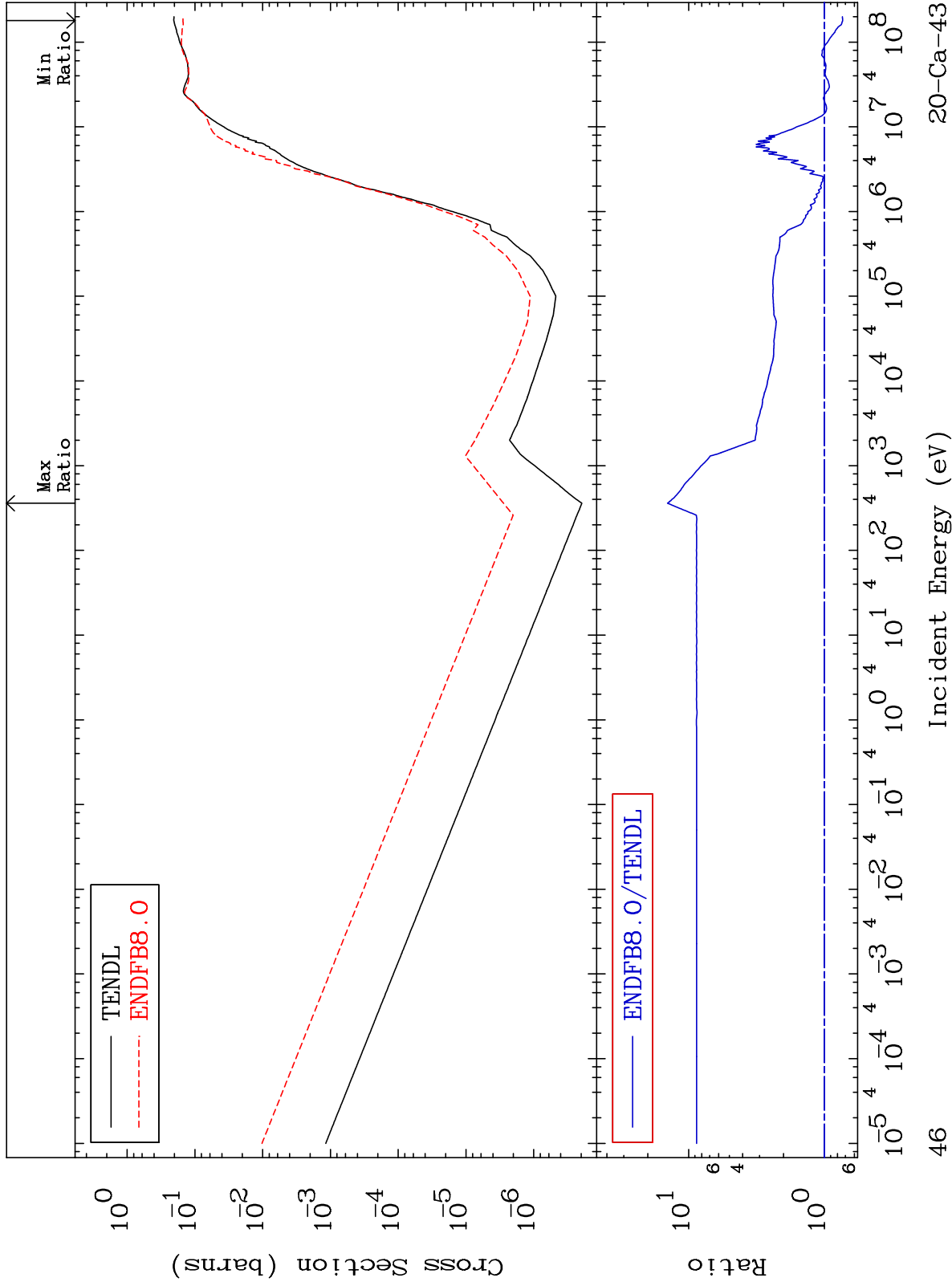
45

20-Ca-43

MAT 2034

He-4 Production
Cross Section

20-Ca-43
-26.73 To 1329. %



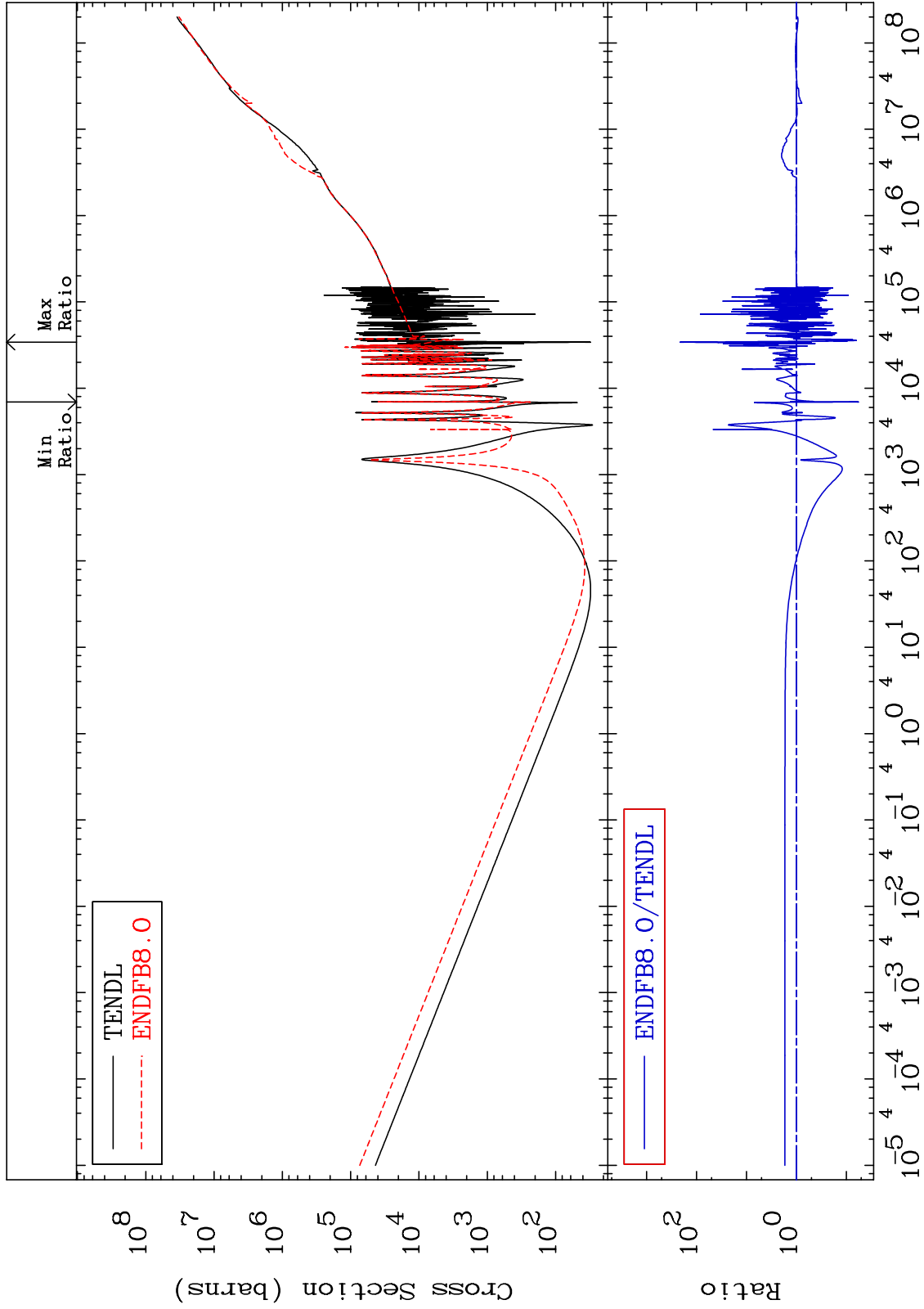
MAT 2034

Kerma total (eV-barns)

20-Ca-43

-94.29 To 9999. %

Cross Section



47

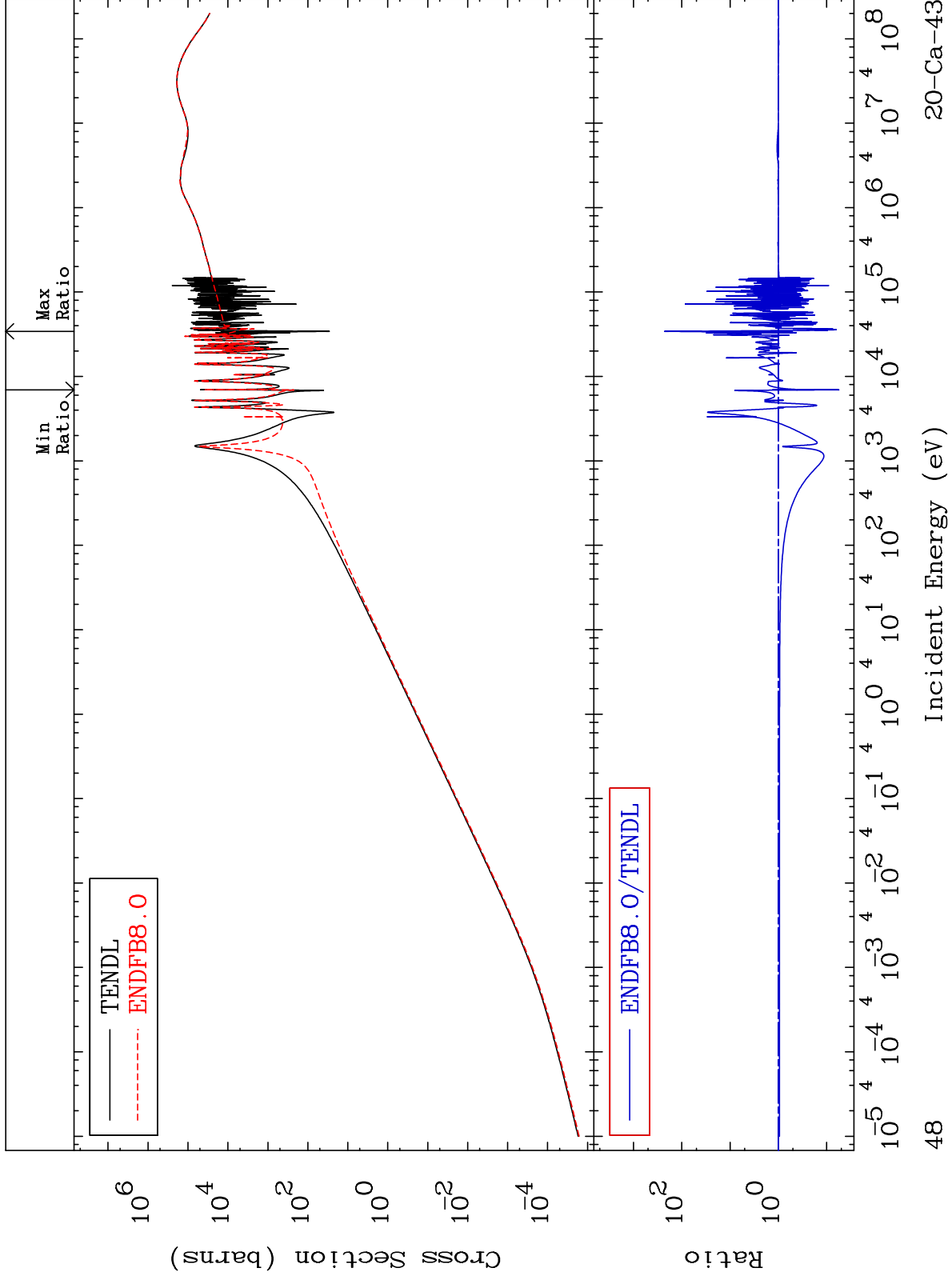
Incident Energy (eV)

20-Ca-43

MAT 2034

Kerma elastic
Cross Section

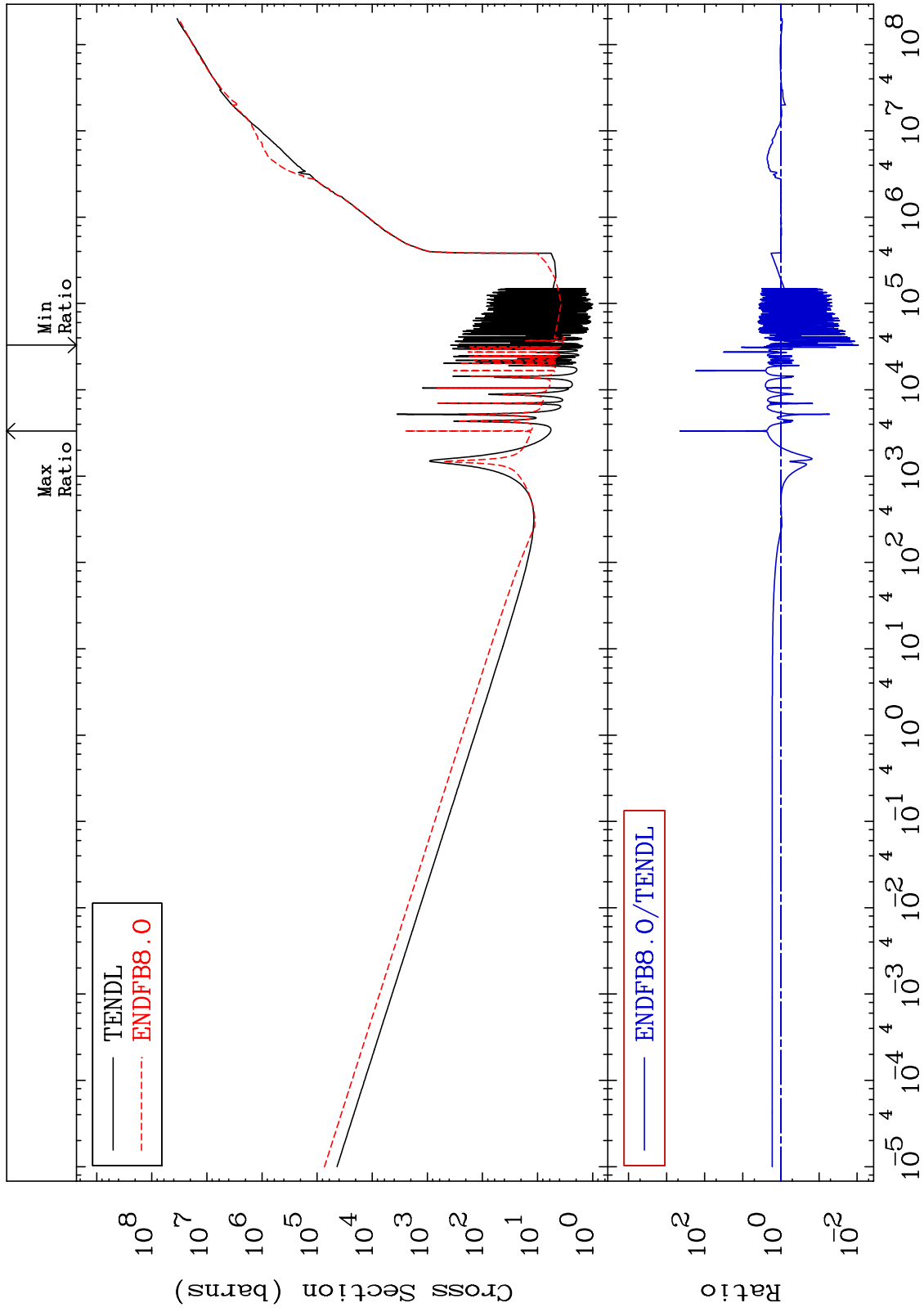
20-Ca-43
-94.45 To 9999. %



MAT 2034

Kerma non-elastic (all but mt2)
Cross Section

20-Ca-43
-99.07 To 9999. %



49

Incident Energy (eV)

20-Ca-43

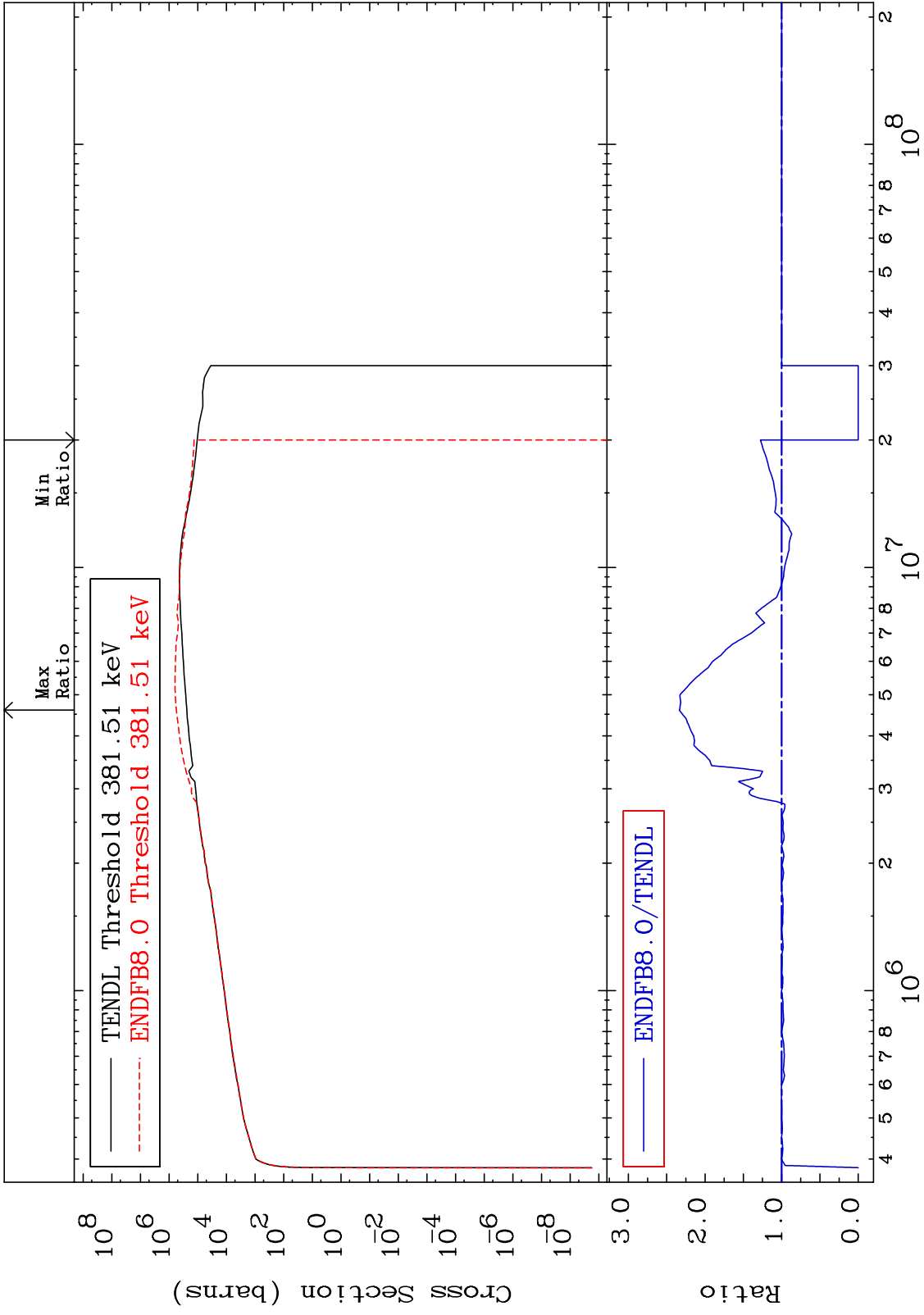
MAT 2034

Kerma inelastic (mt51-91)

20-Ca-43

-100.0 To 133.5 %

Cross Section



50

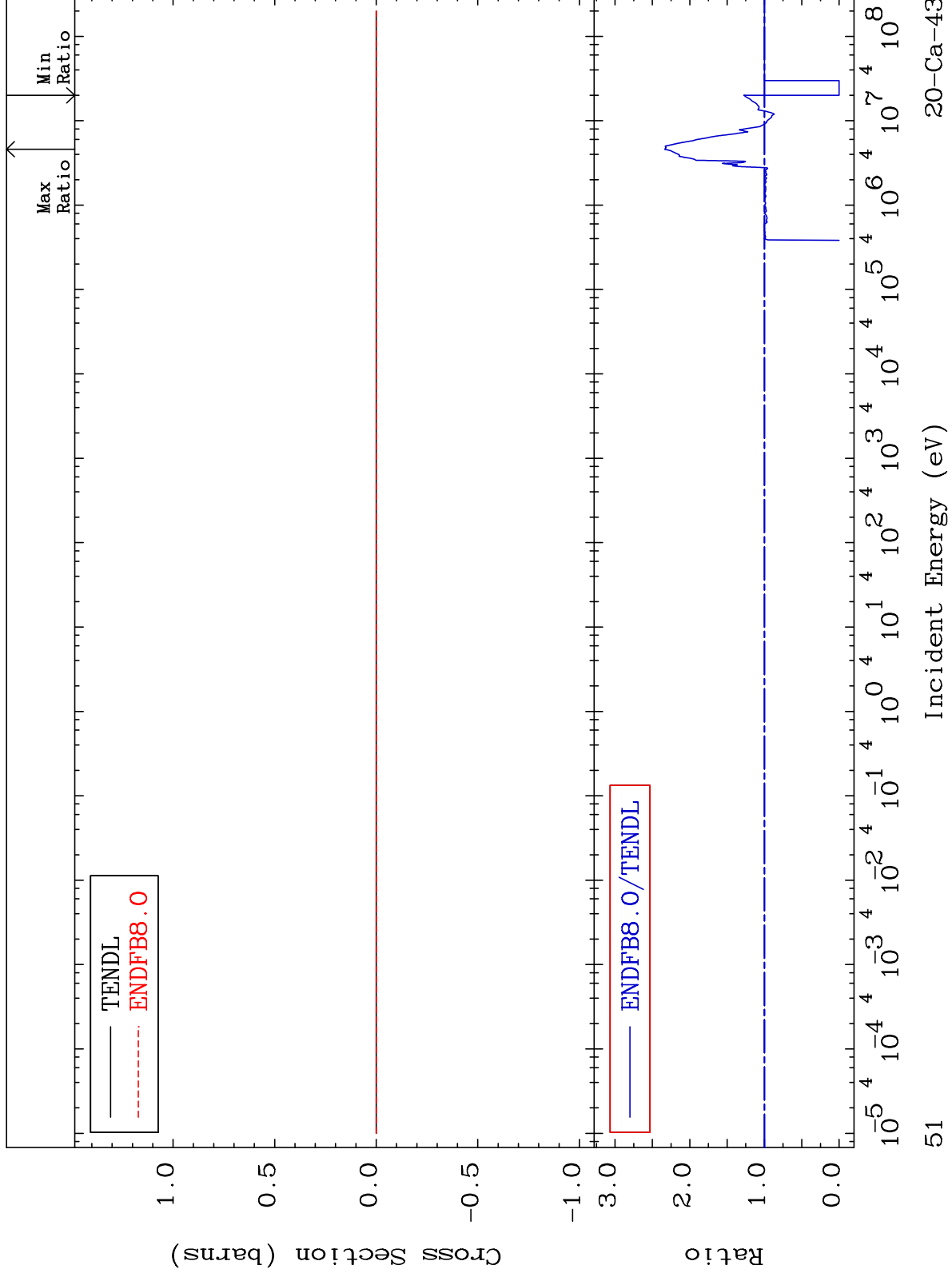
Incident Energy (eV)

20-Ca-43

MAT 2034

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

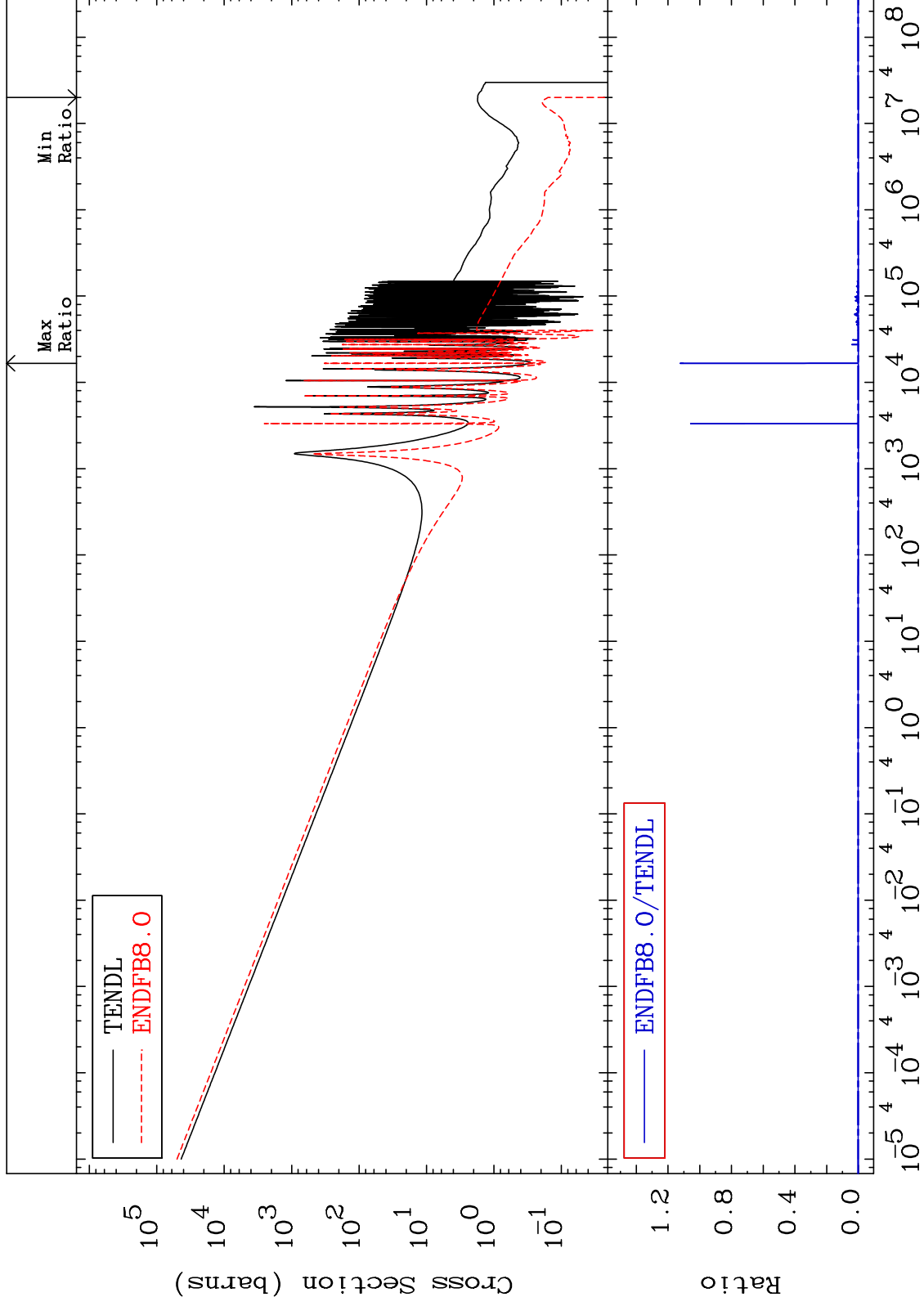
20-Ca-43
-100.0 To 133.5 %



MAT 2034

Kerma capture (mt102)
Cross Section

20-Ca-43
-100.0 To 9999. %



52

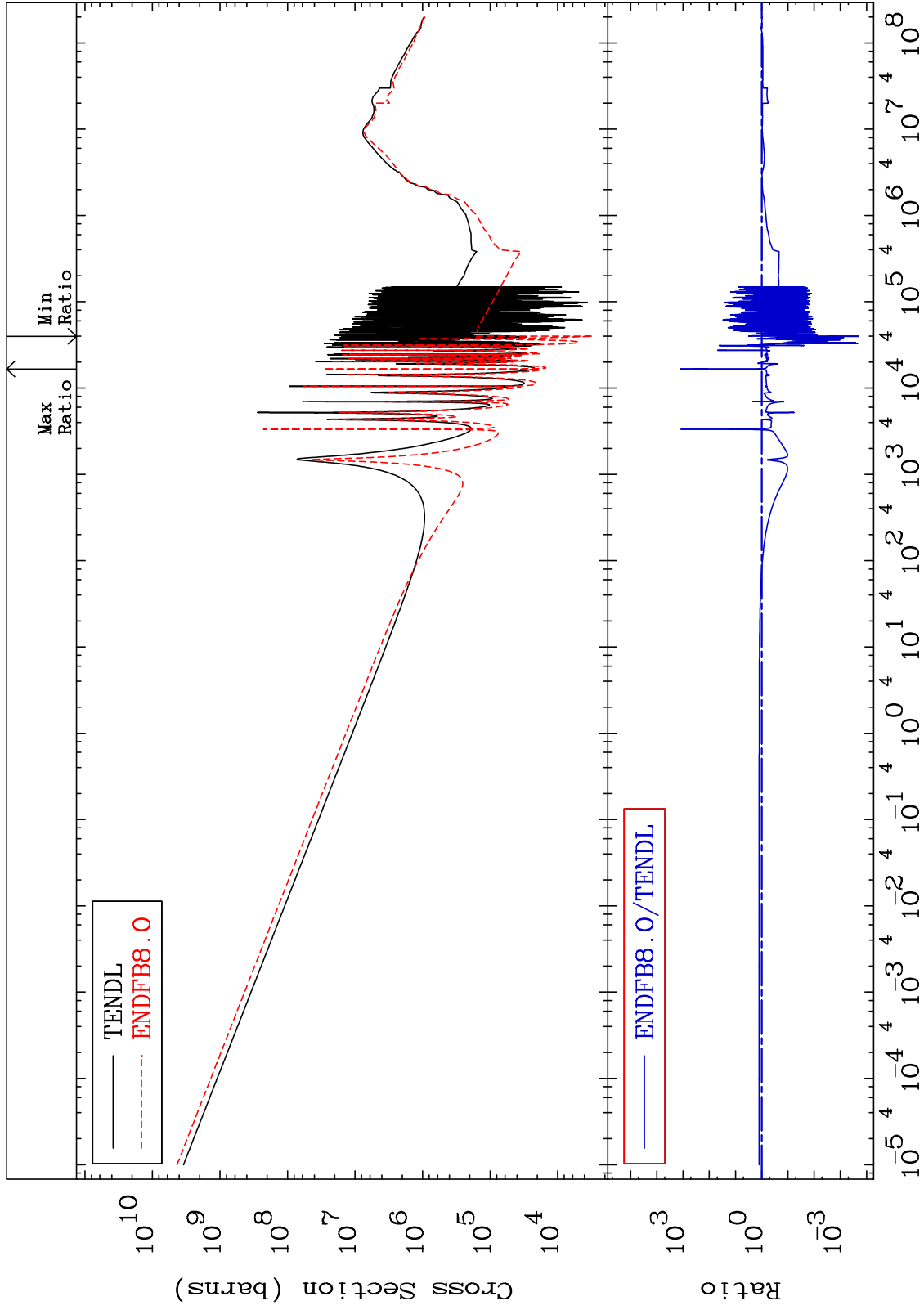
Incident Energy (eV)

20-Ca-43

MAT 2034

Total photon (eV-barns)
Cross Section

20-Ca-43
-99.98 To 9999. %



53

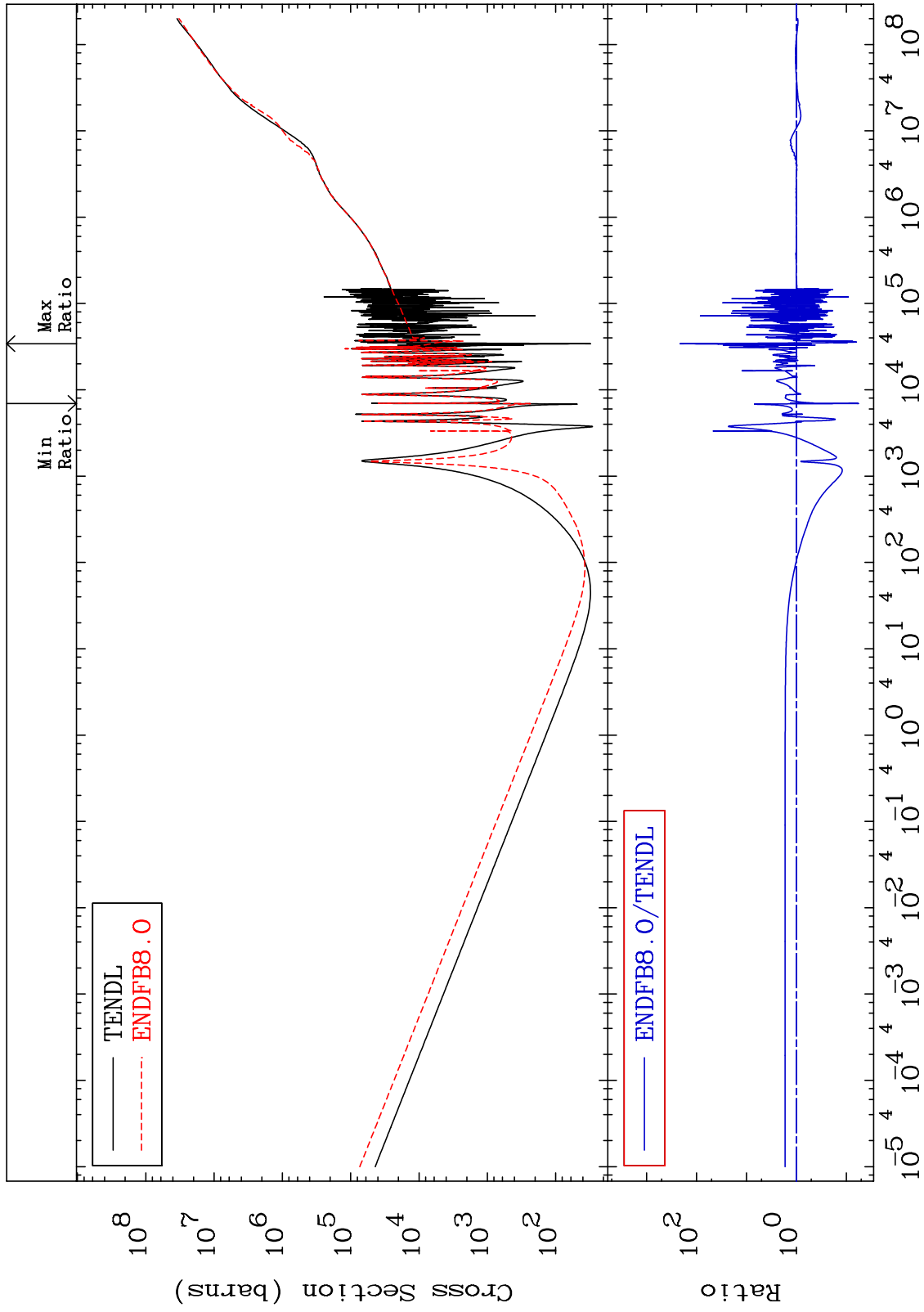
Incident Energy (eV)

20-Ca-43

MAT 2034

Total kinematic kerma (high limit)
Cross Section

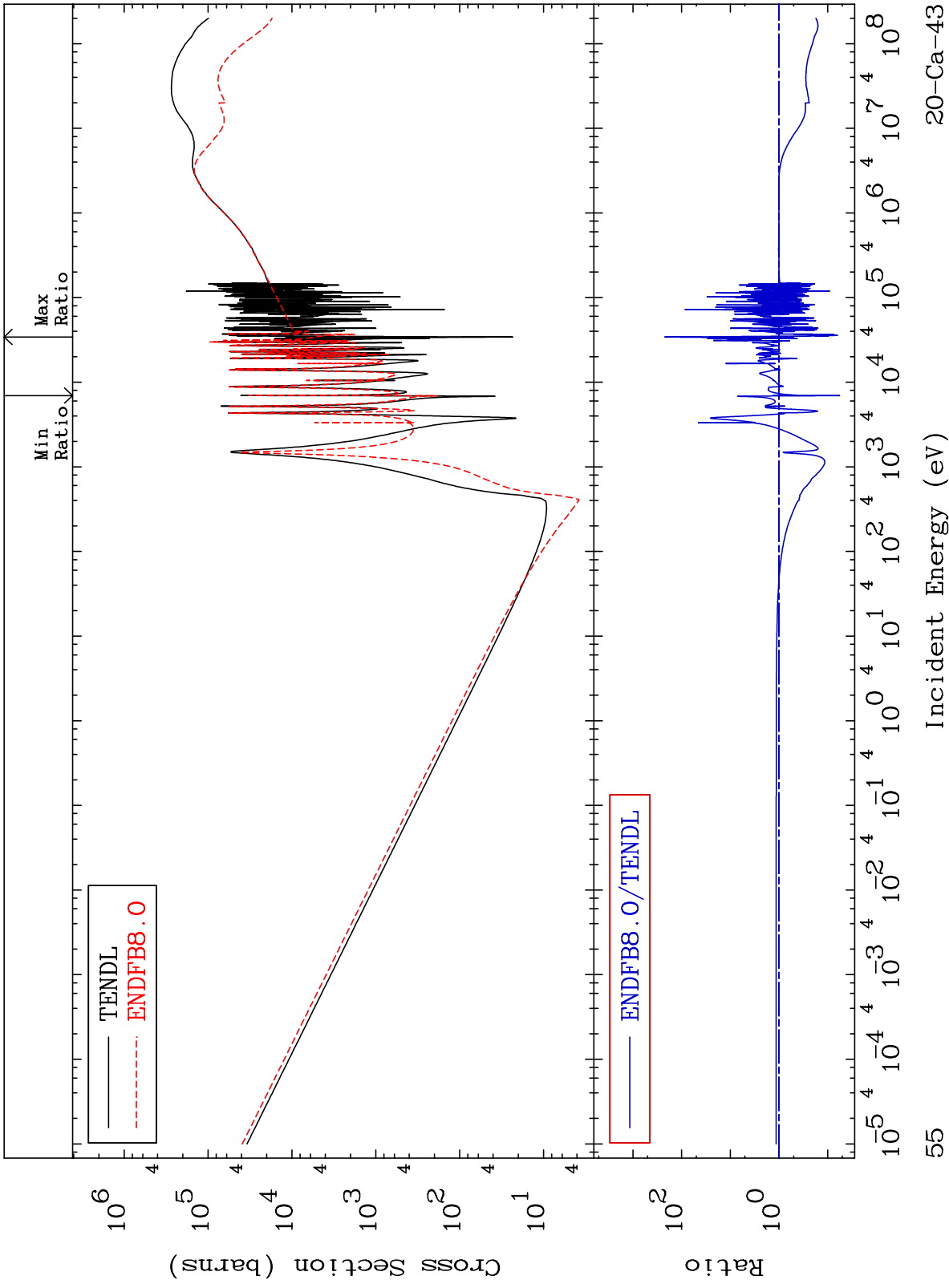
20-Ca-43
-94.29 To 9999. %



MAT 2034

Dpa total (eV-barns)
Cross Section

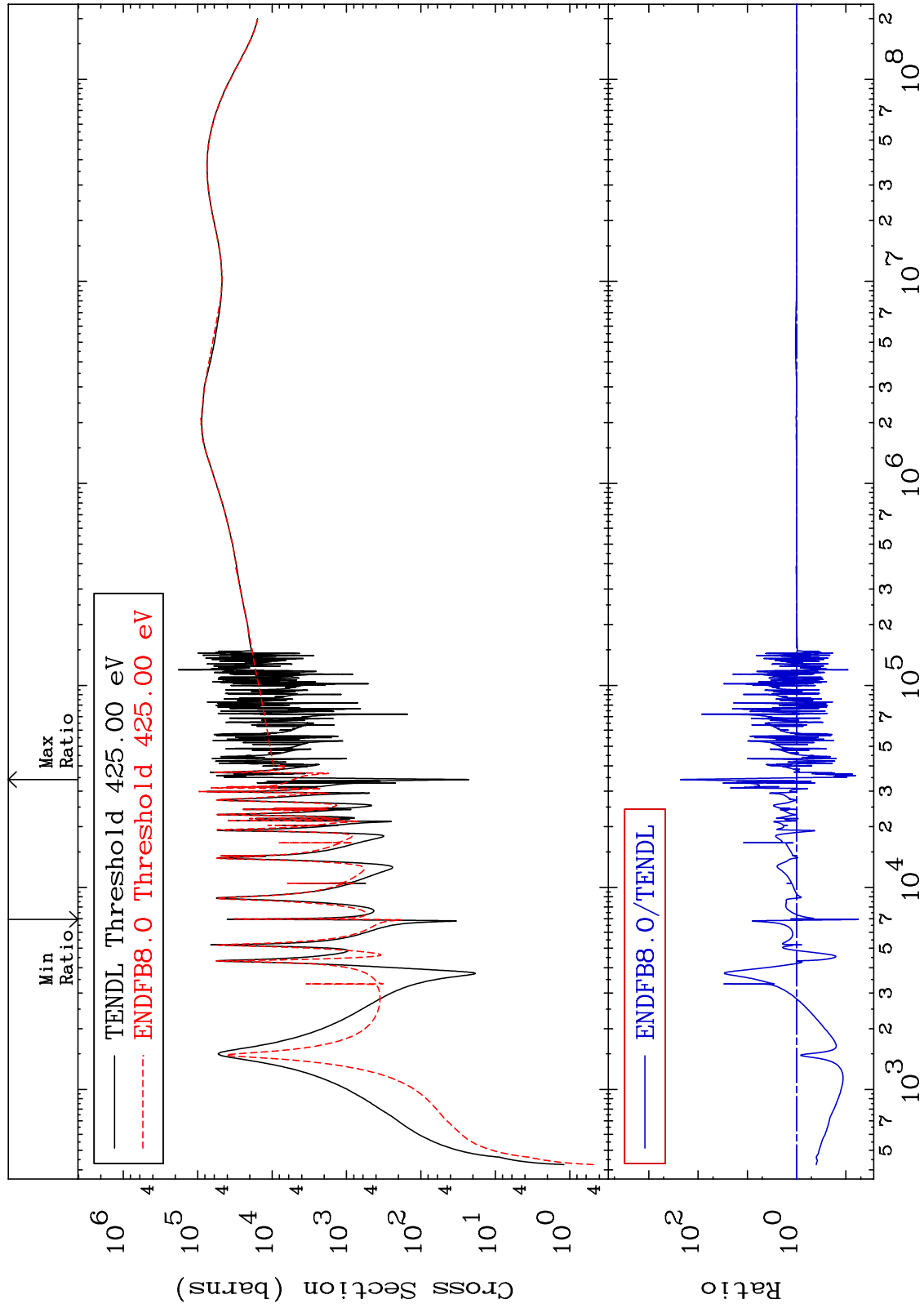
20-Ca-43
-94.35 To 9999. %



MAT 2034

Dpa elastic (mt2)
Cross Section

20-Ca-43
-94.45 To 9999. %



56

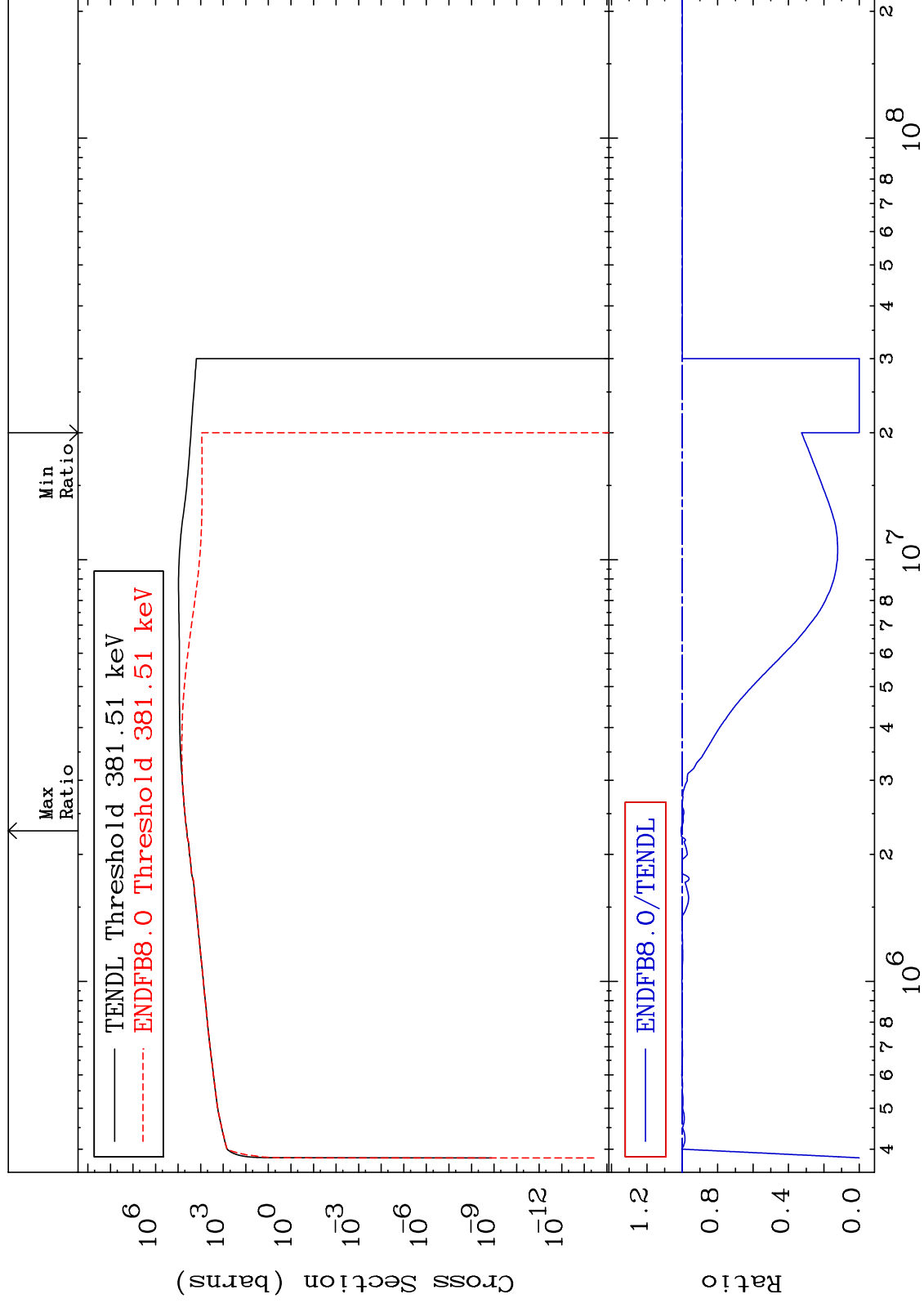
Incident Energy (eV)

20-Ca-43

MAT 2034

Dpa inelastic (mt51-91)
Cross Section

20-Ca-43
-100.0 To 0.704 %



57

Incident Energy (eV)

20-Ca-43

MAT 2034

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-43
-100.0 To 9999. %

