

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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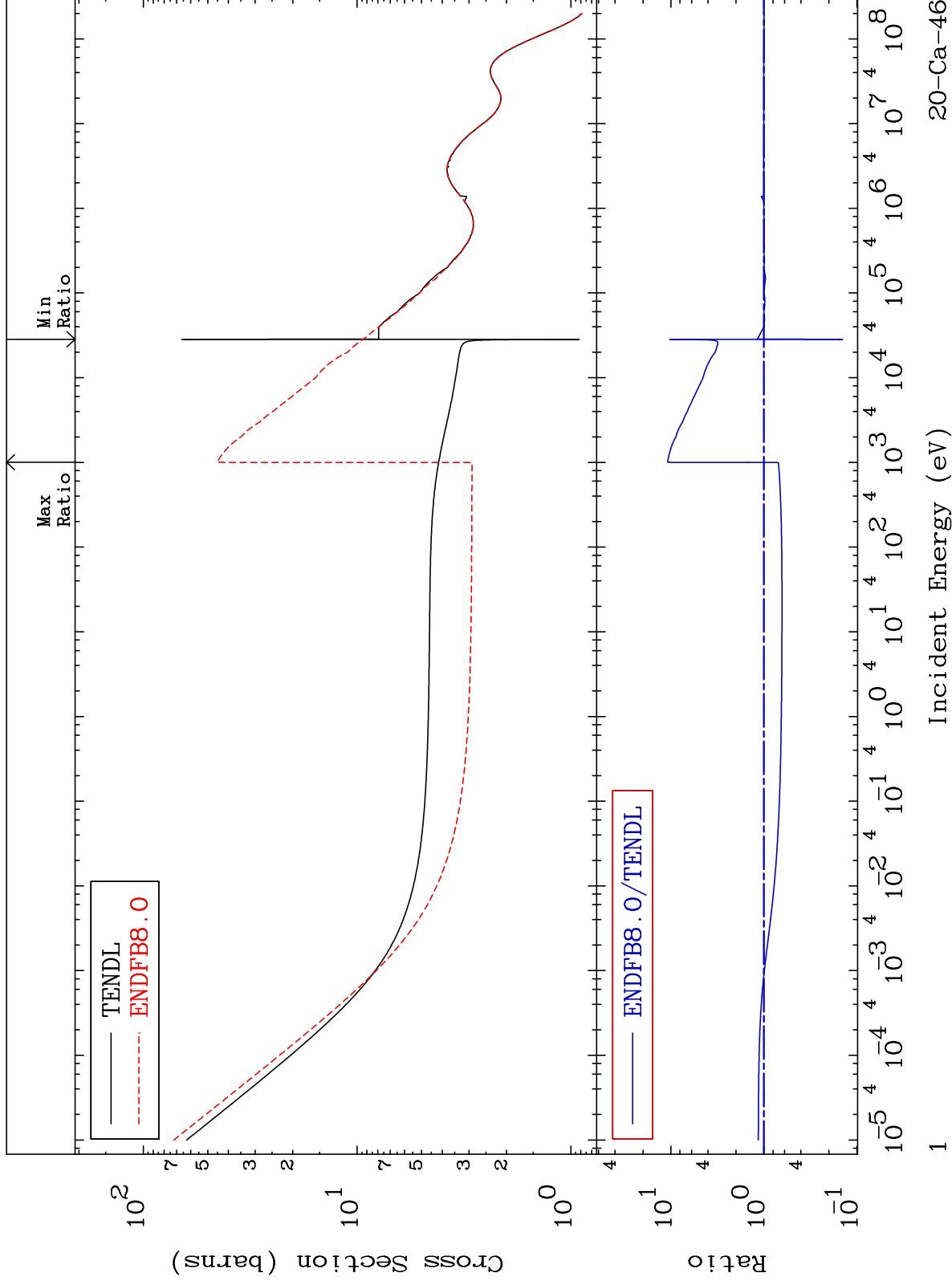
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2043

Total
Cross Section

20-Ca-46
-85.77 To 988.3 %



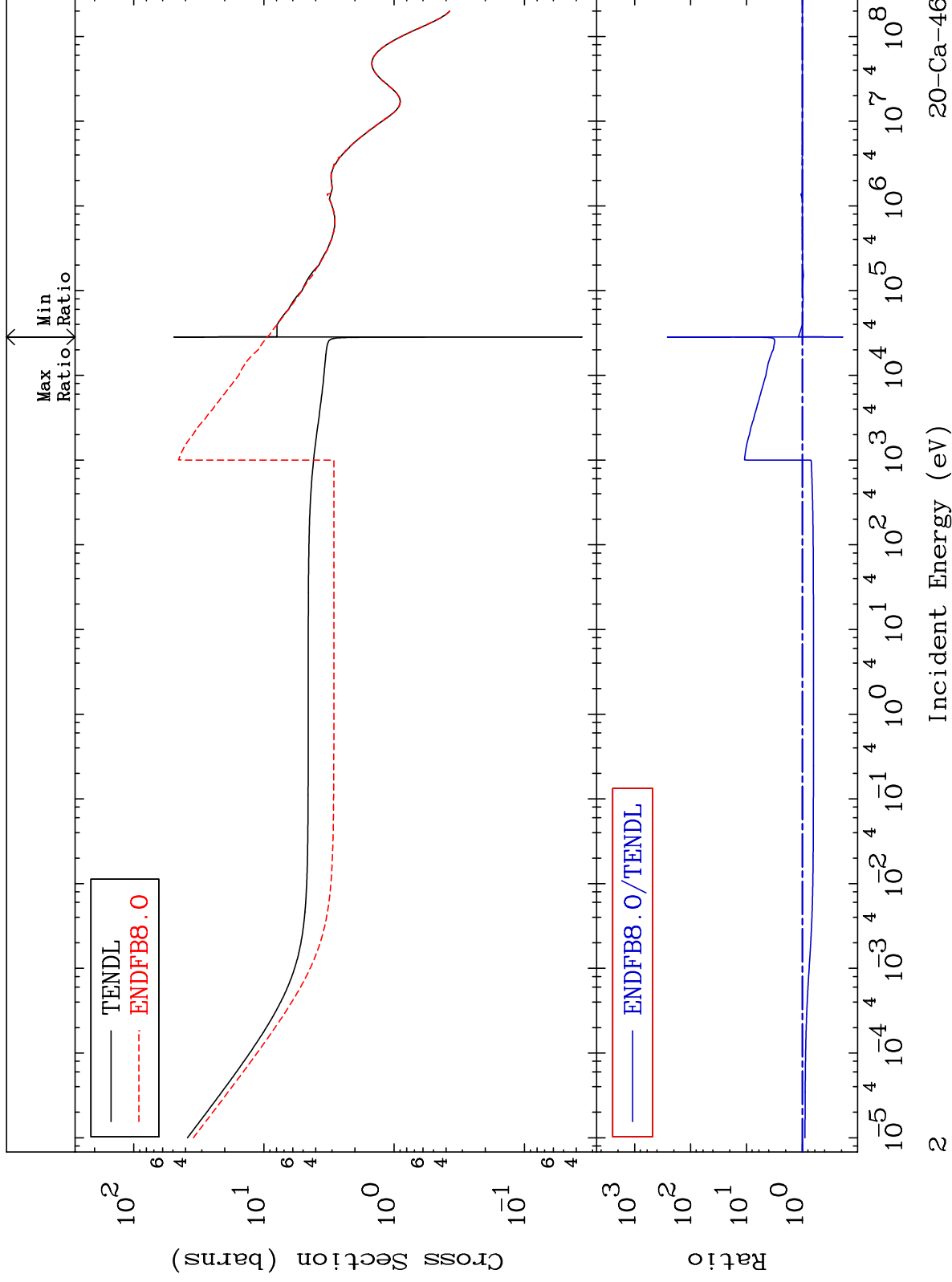
MAT 2043

Elastic

Cross Section

20-Ca-46

-80.93 To 9999. %



20-Ca-46

Incident Energy (eV)

2

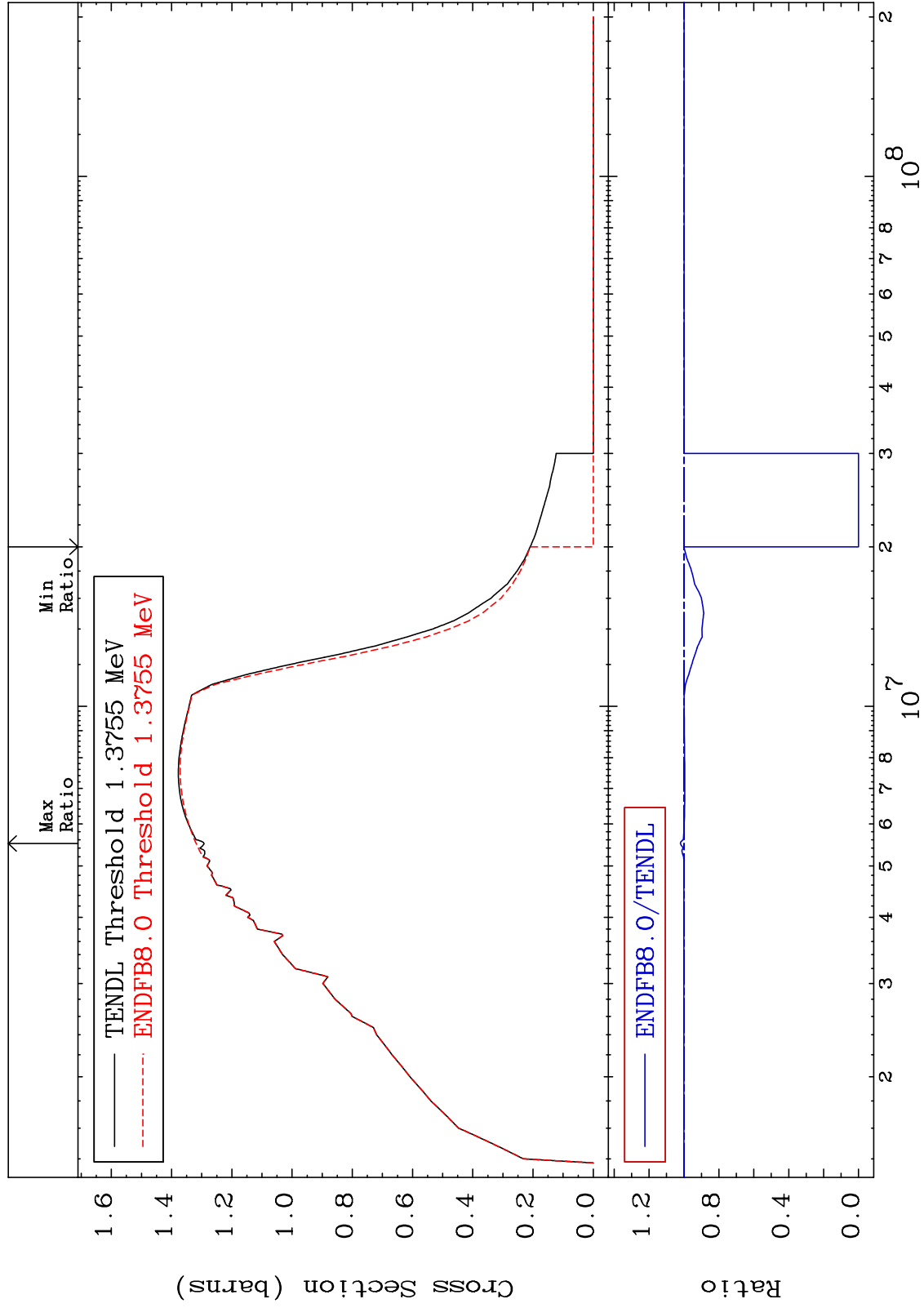
MAT 2043

Inelastic

20-Ca-46

Cross Section

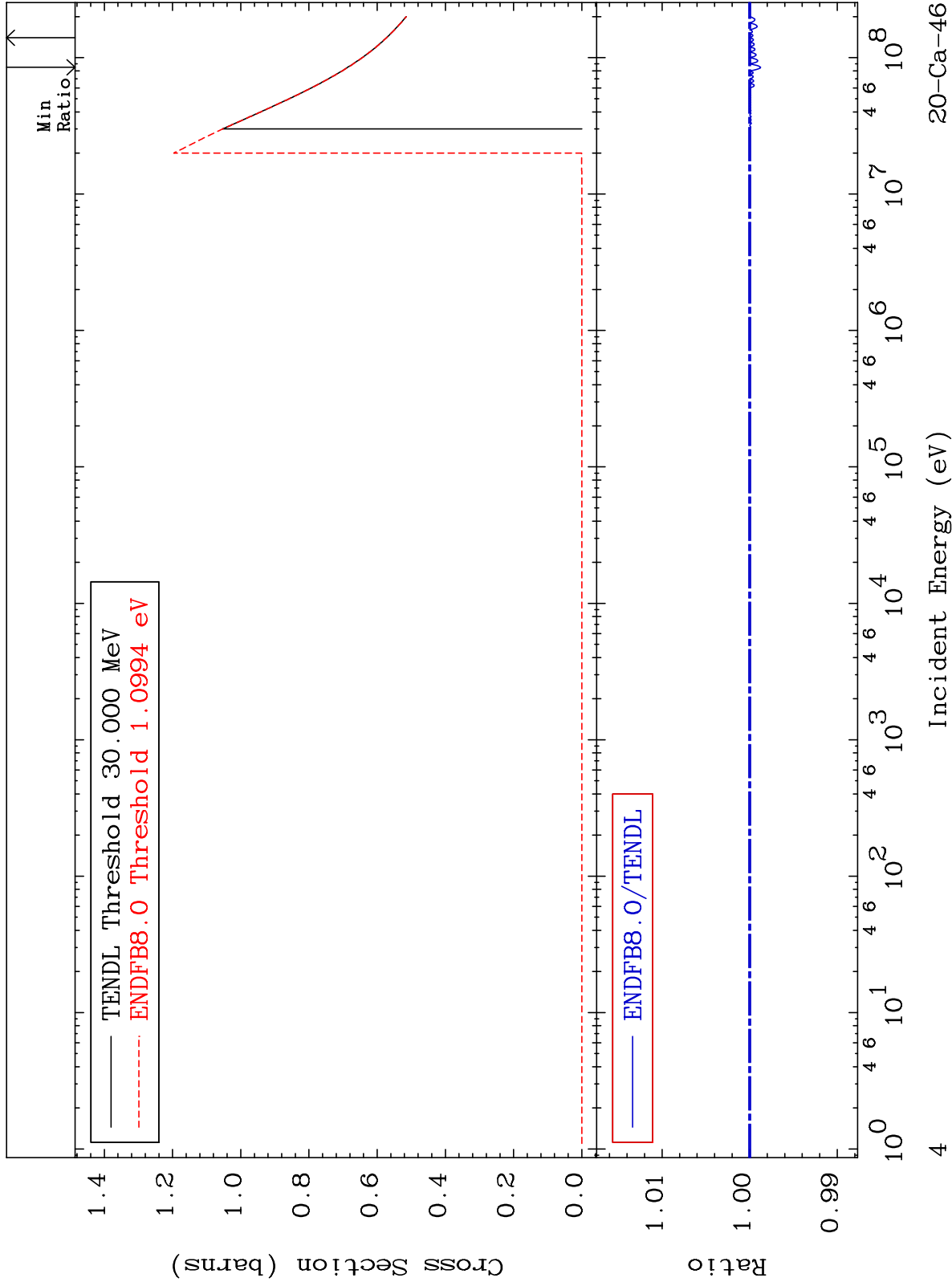
-100.0 To 2.026 %



MAT 2043

(n, remainder)
Cross Section

20-Ca-46
-0.124 To 0.000 %



20-Ca-46

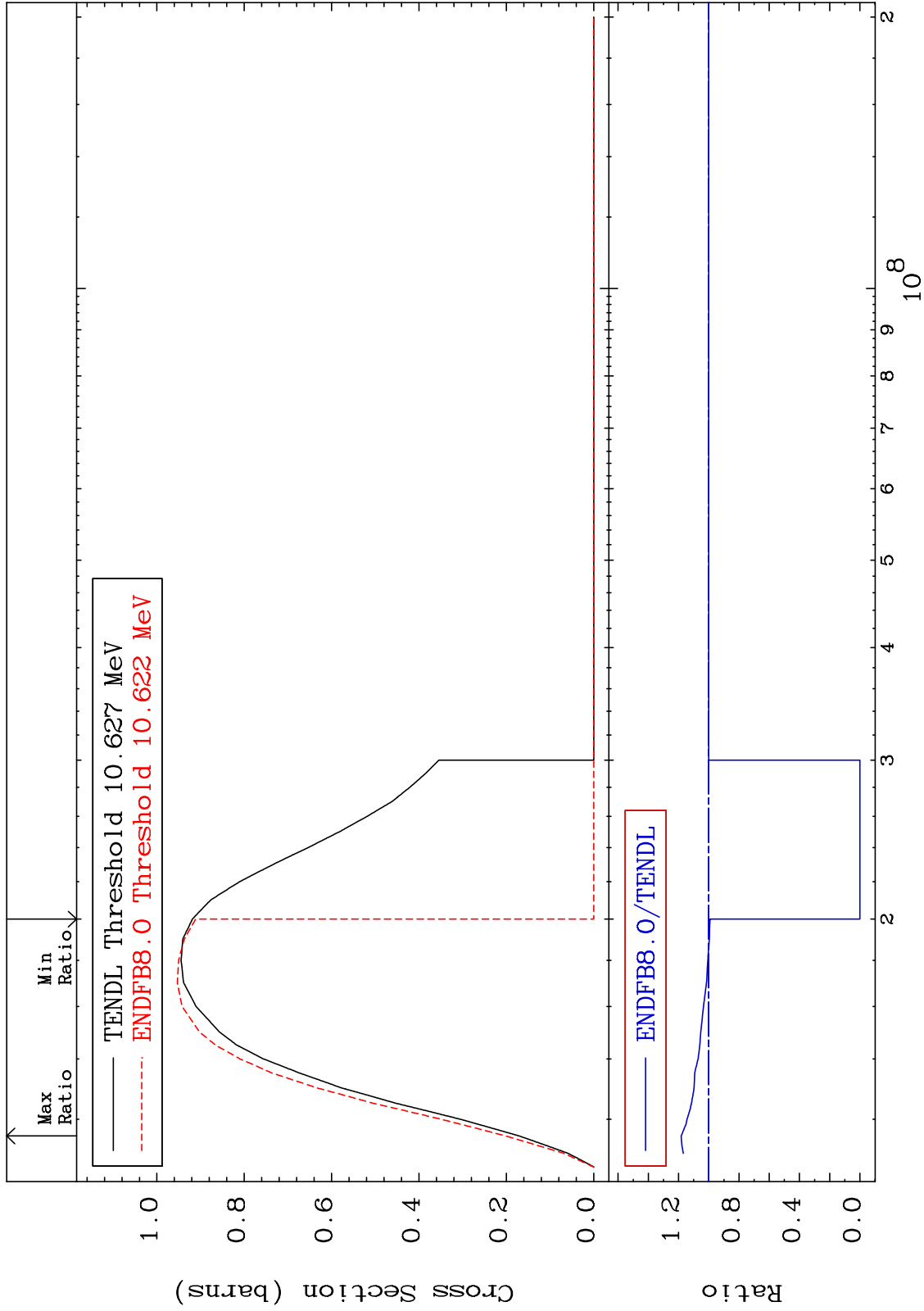
MAT 2043

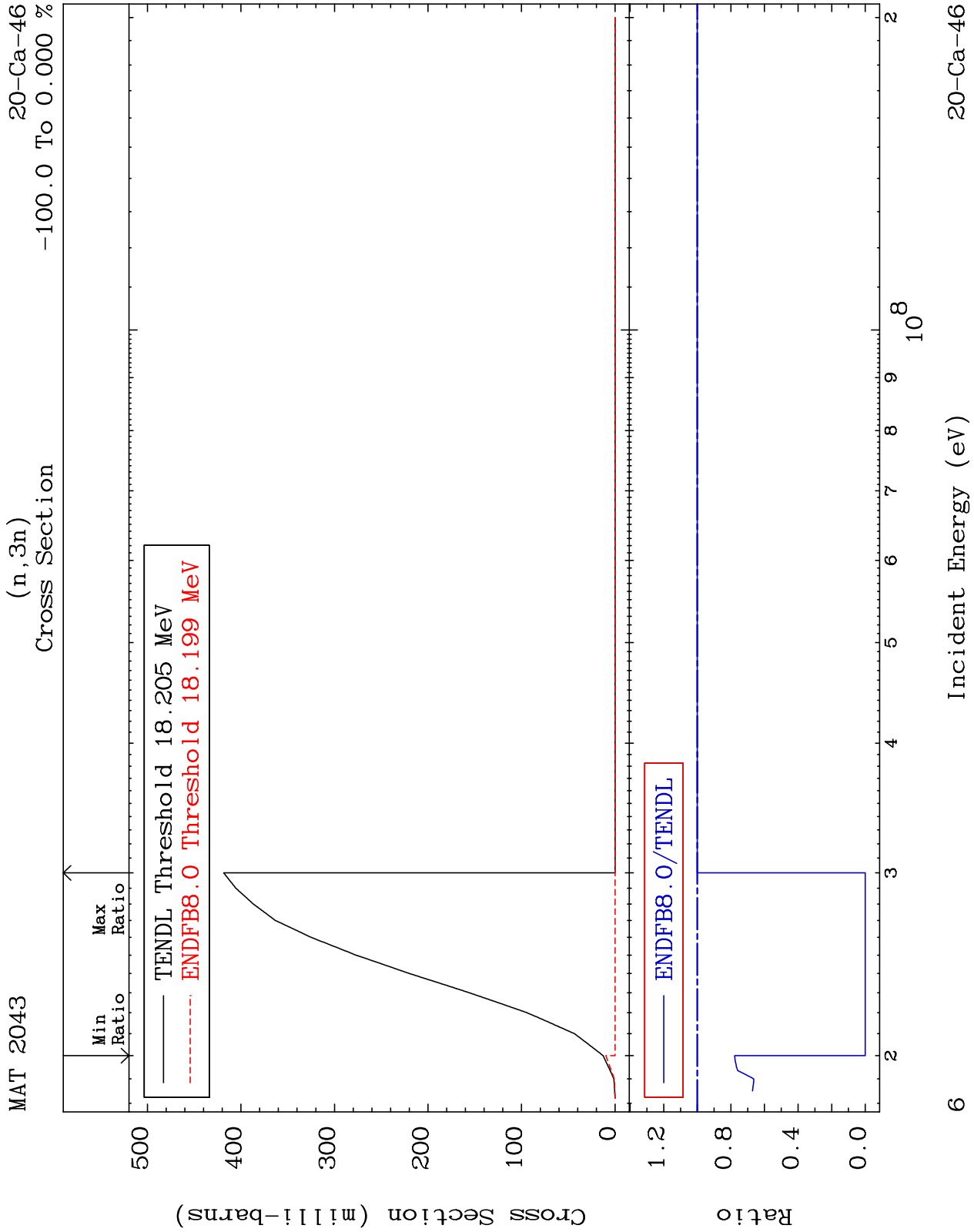
(n,2n)

20-Ca-46

Cross Section

-100.0 To 18.23 %





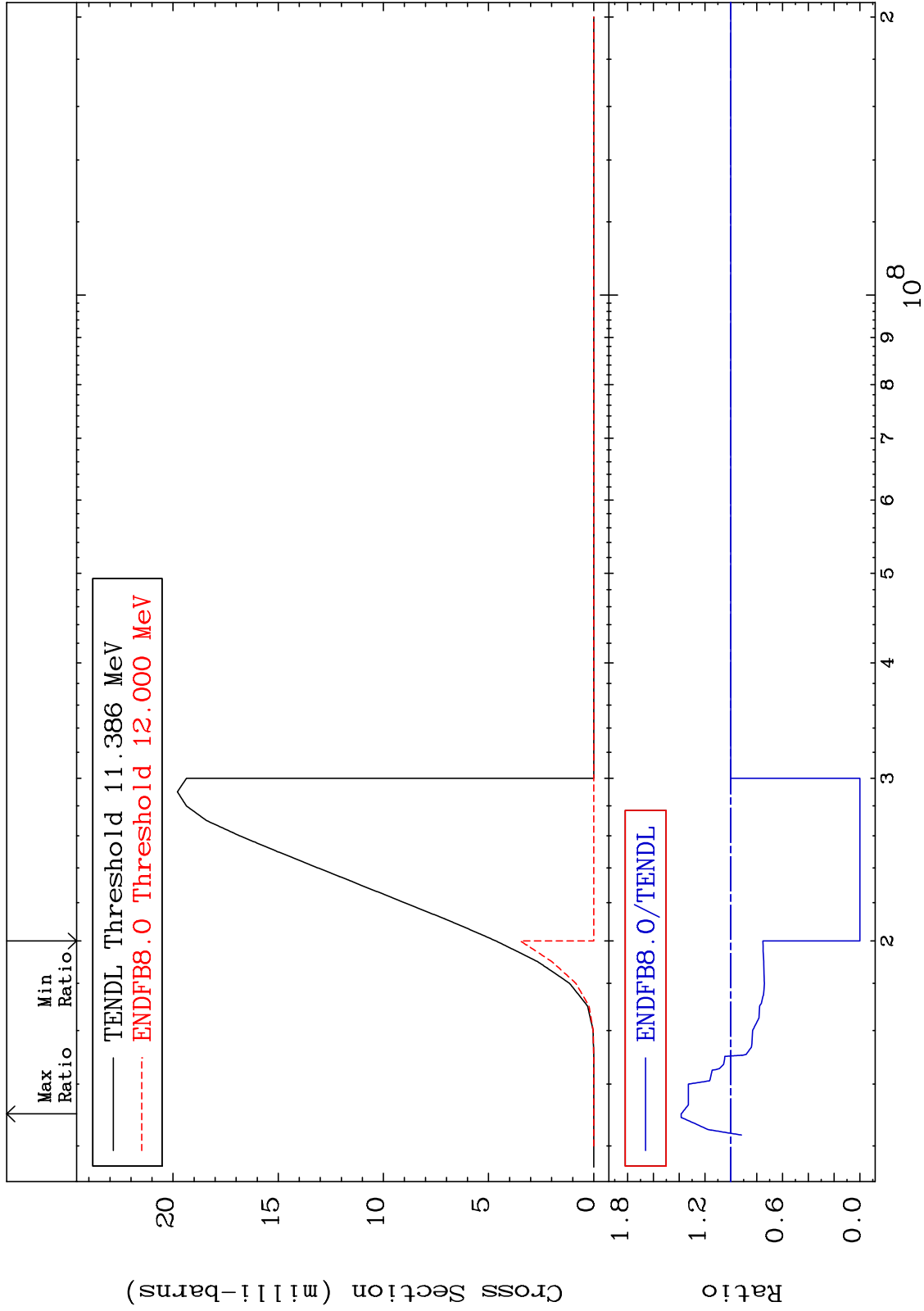
MAT 2043

(n,n') α

20-Ca-46

Cross Section

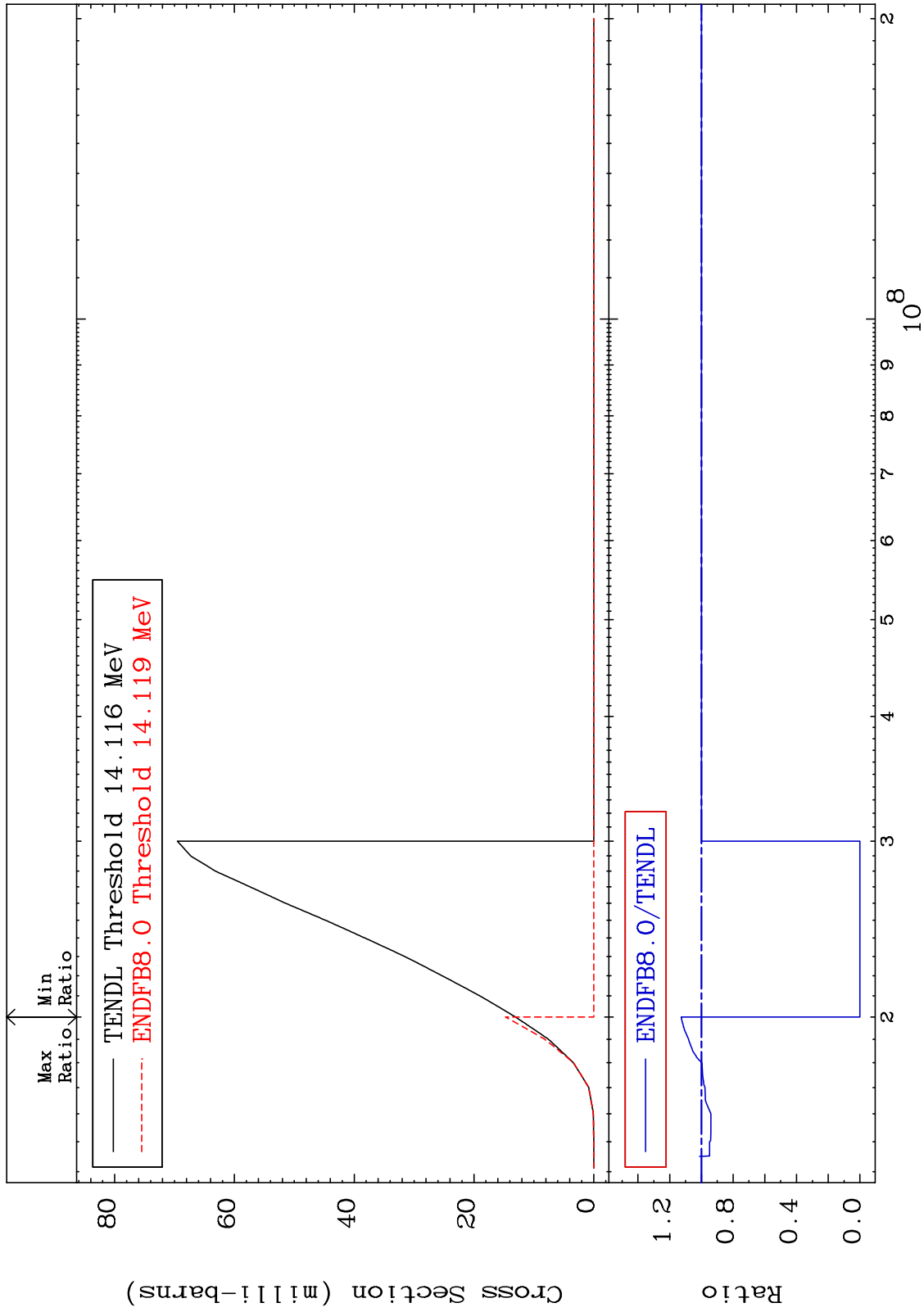
-100.0 To 38.42 %



MAT 2043

(n,n') p
Cross Section

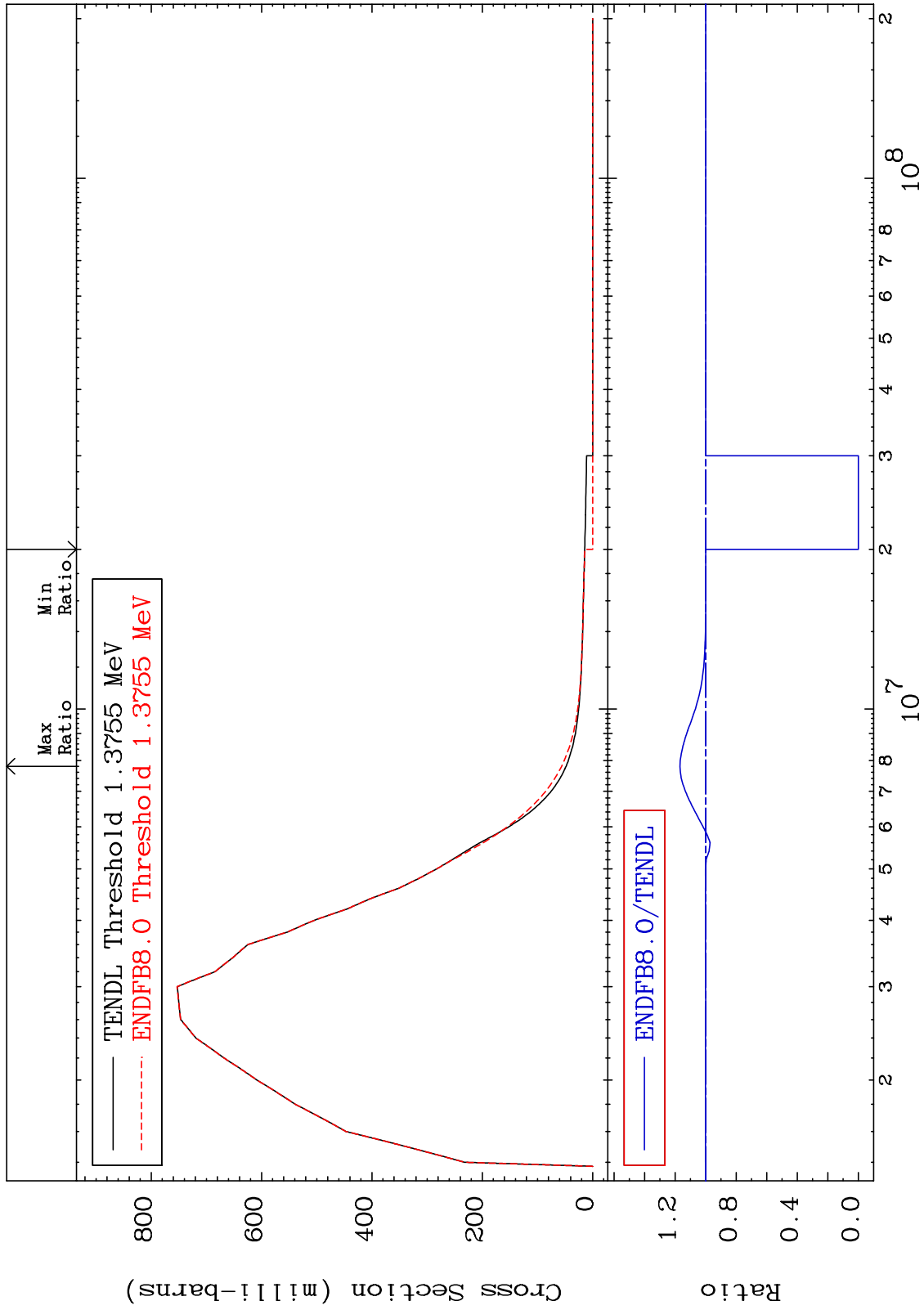
20-Ca-46
-100.0 To 12.73 %



MAT 2043

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

20-Ca-46
-100.0 To 16.77 %



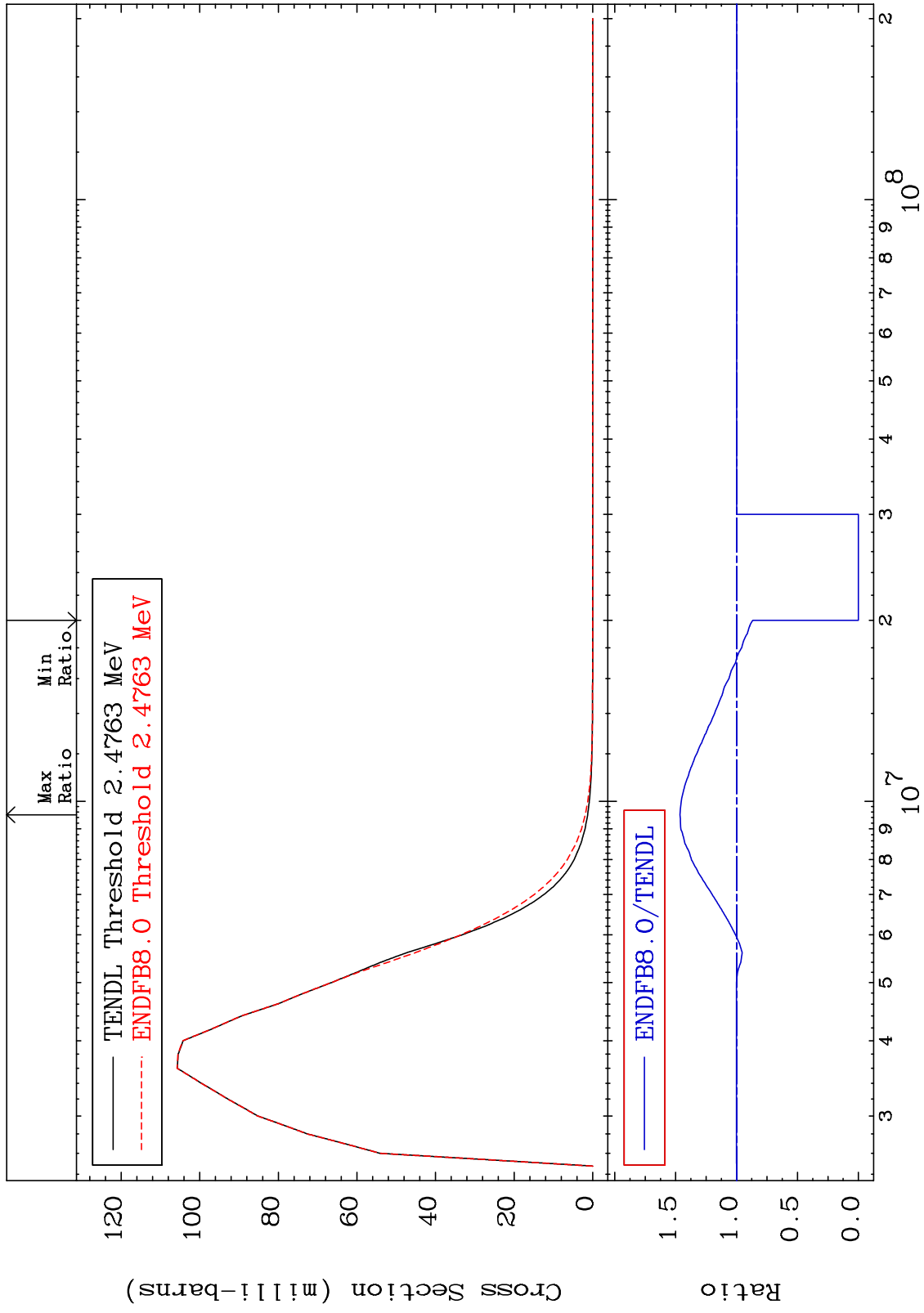
MAT 2043

MT= 52 (n,n') Level

20-Ca-46

-100.0 To 46.43 %

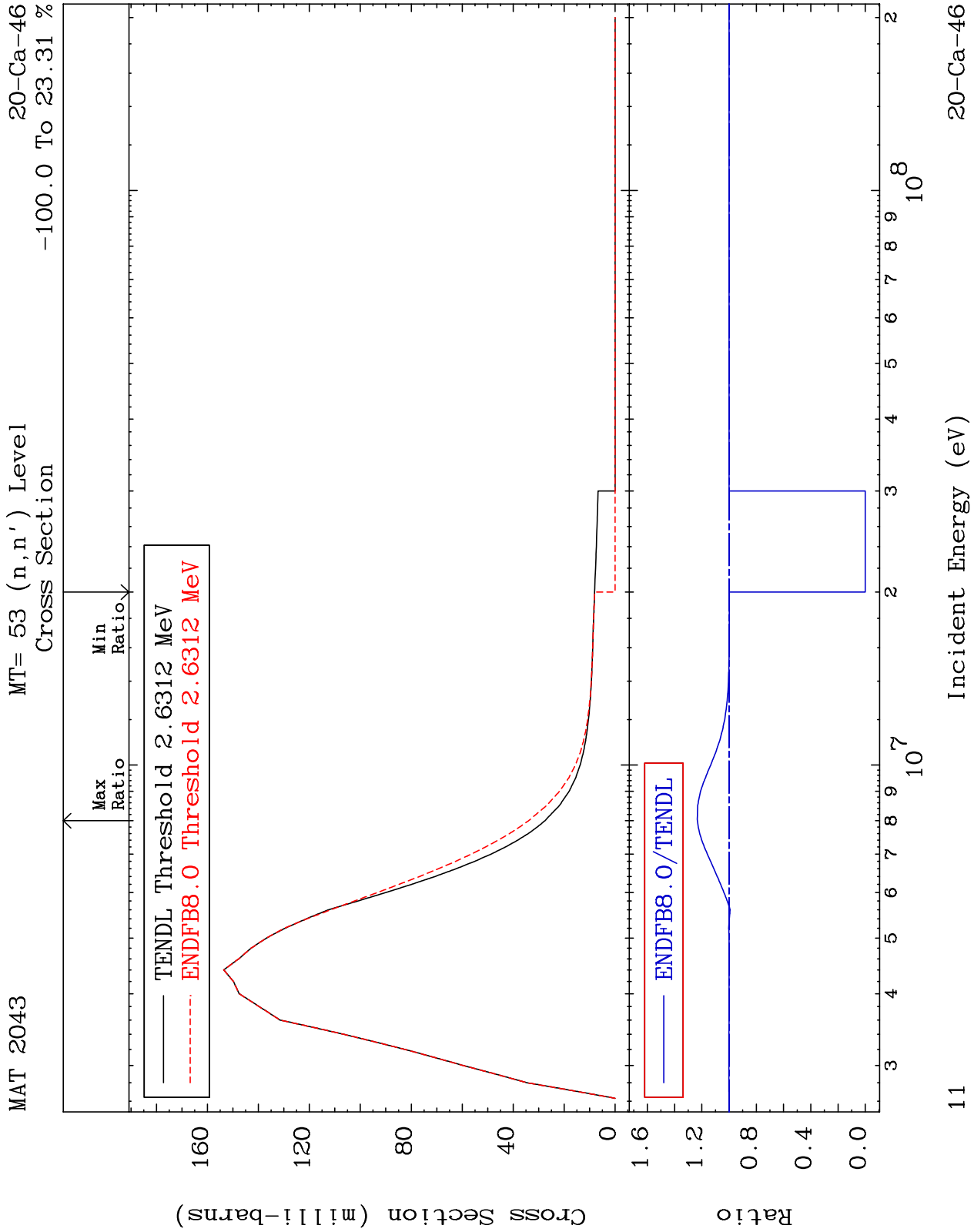
Cross Section



10

Incident Energy (eV)

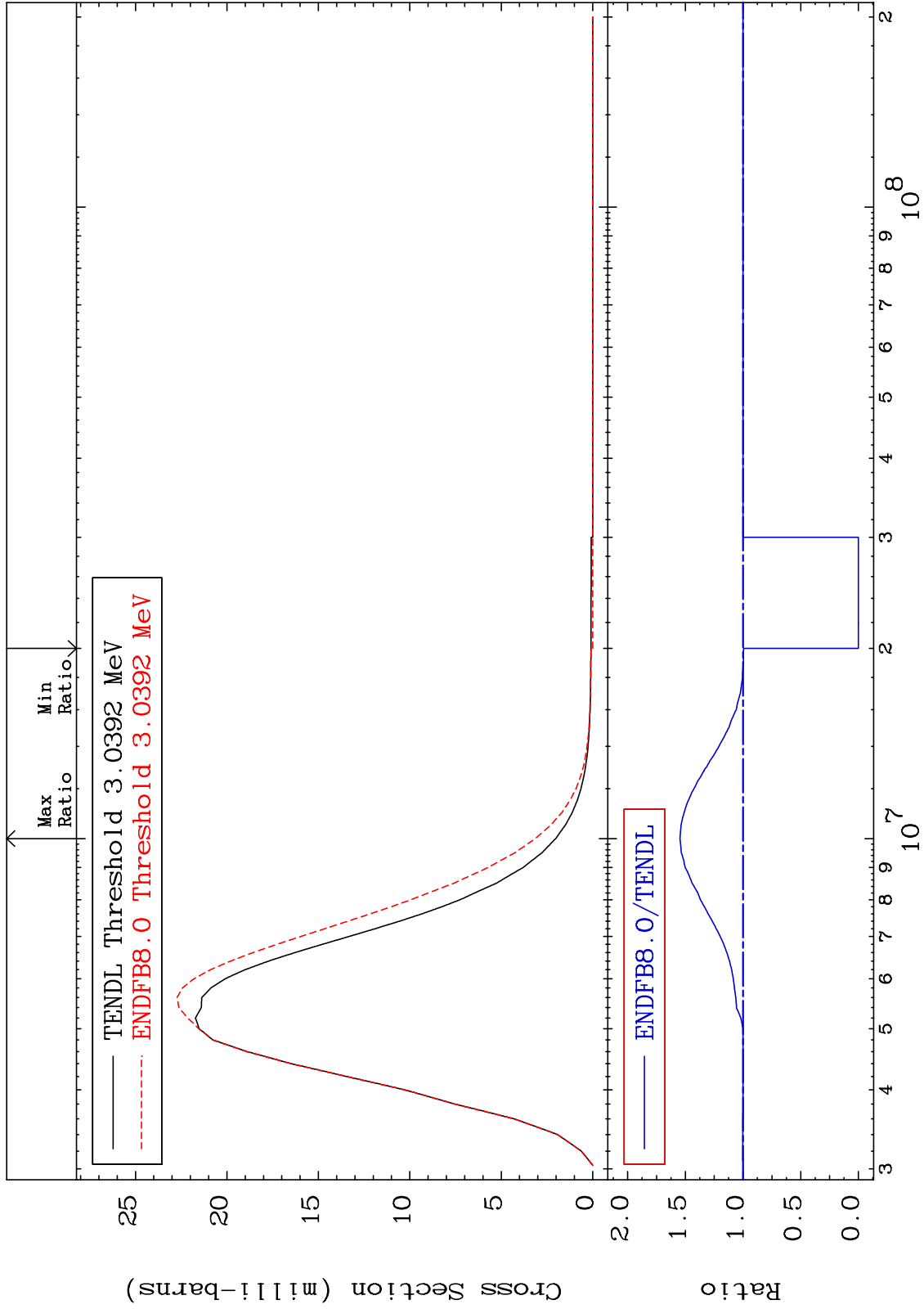
20-Ca-46



MAT 2043

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

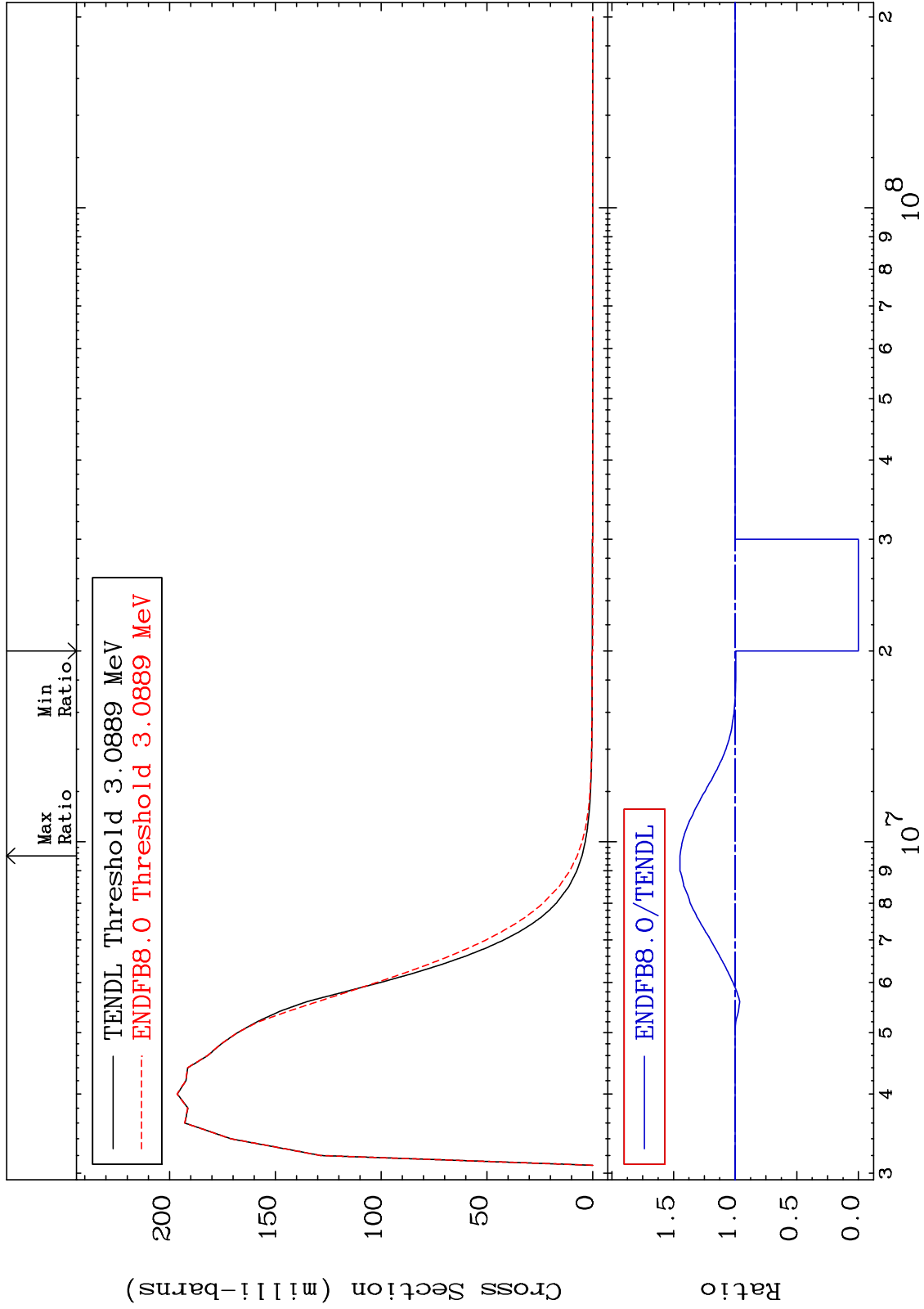
20-Ca-46
-100.0 To 54.63 %



MAT 2043

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

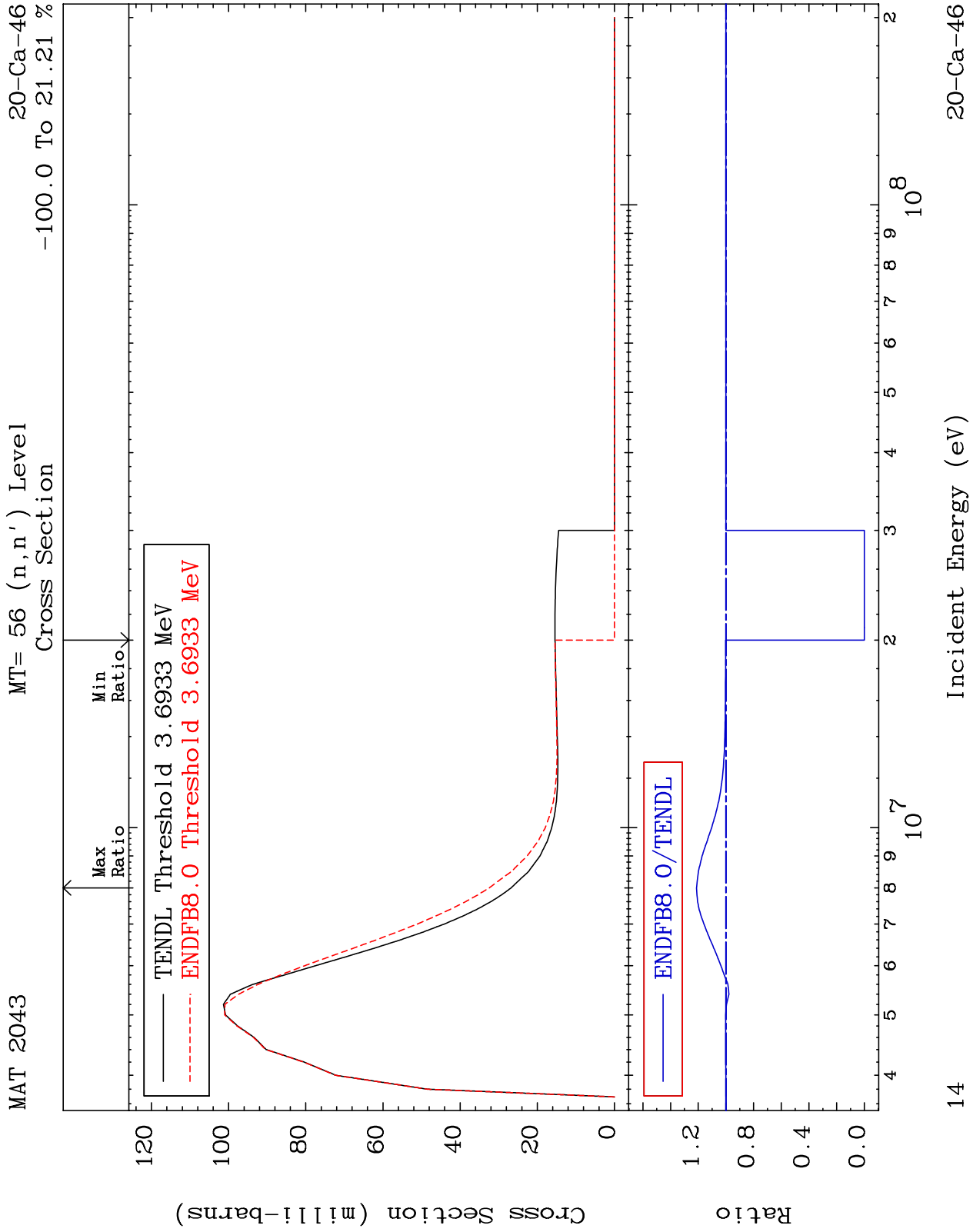
20-Ca-46
-100.0 To 44.73 %



13

Incident Energy (eV)

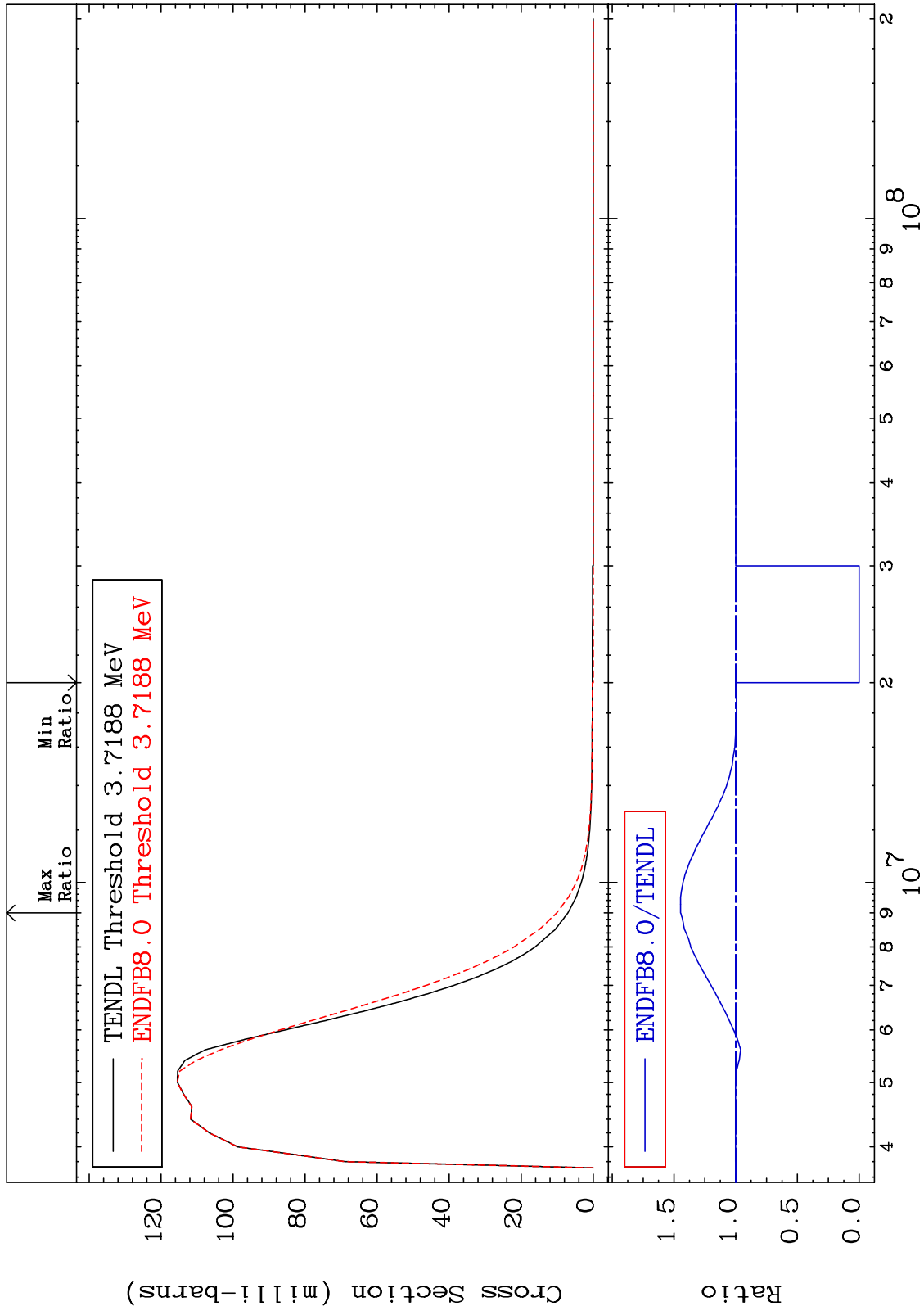
20-Ca-46



MAT 2043

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

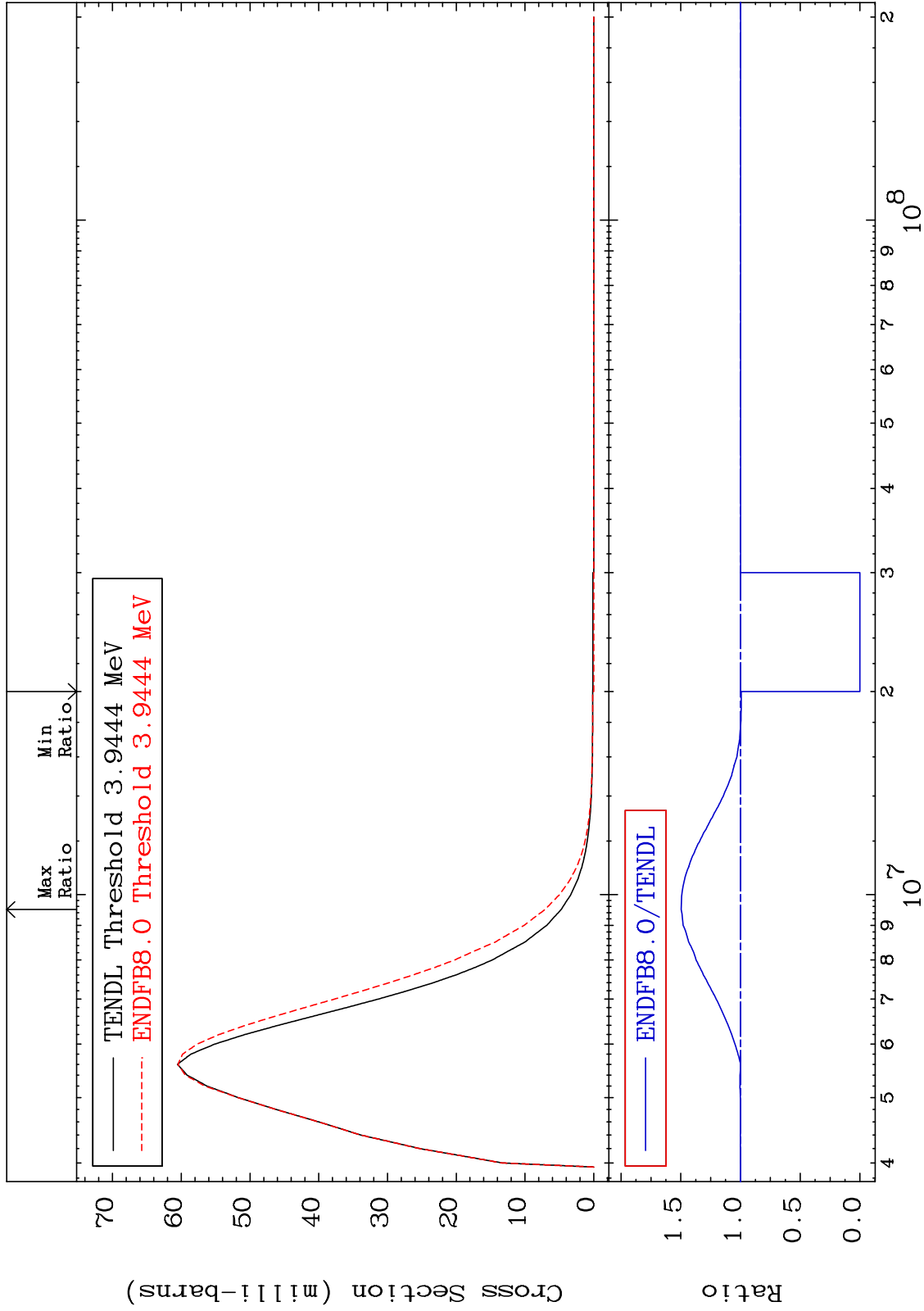
20-Ca-46
-100.0 To 44.64 %



MAT 2043

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

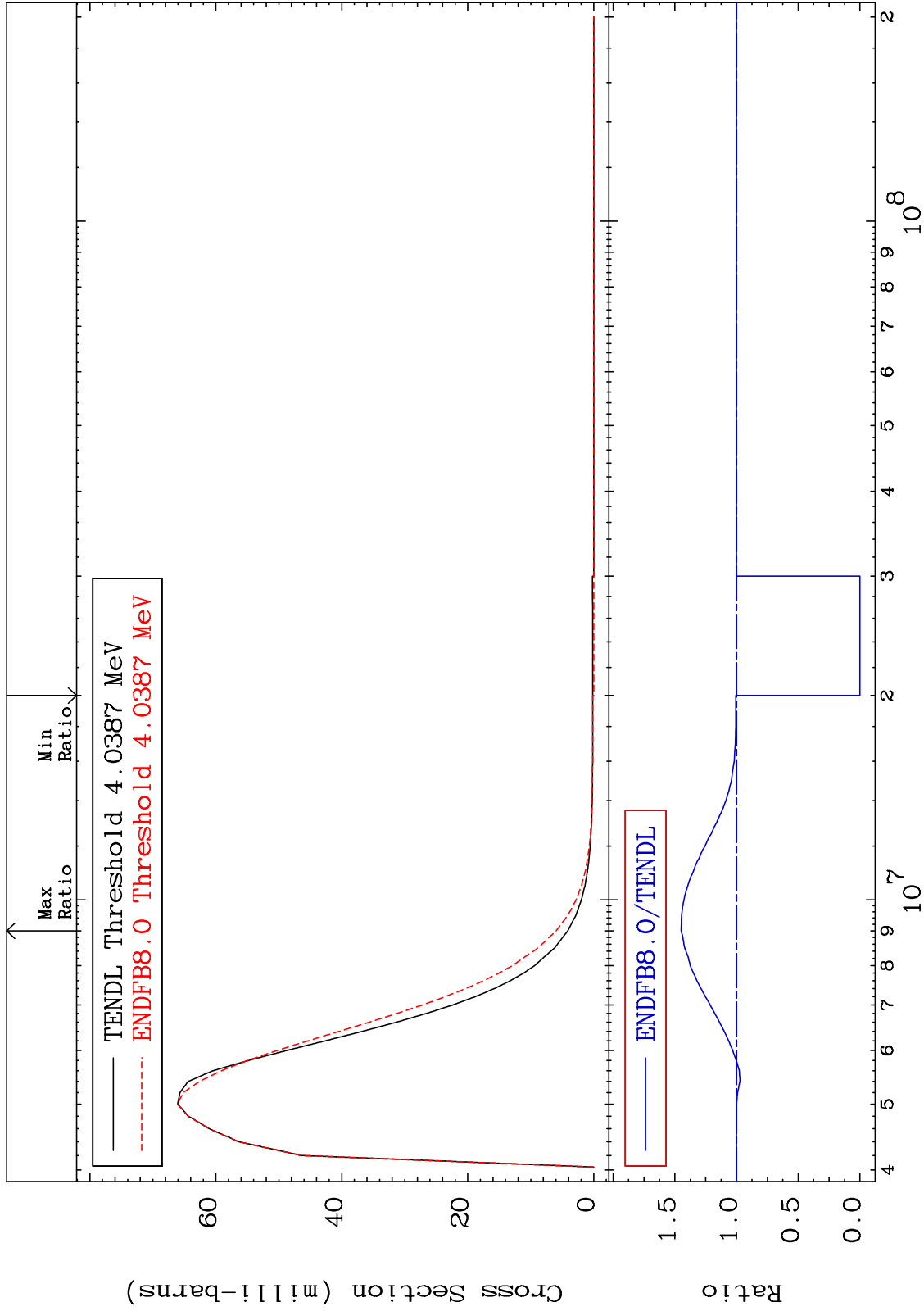
20-Ca-46
-100.0 To 49.65 %



MAT 2043

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

20-Ca-46
-100.0 To 44.83 %



17

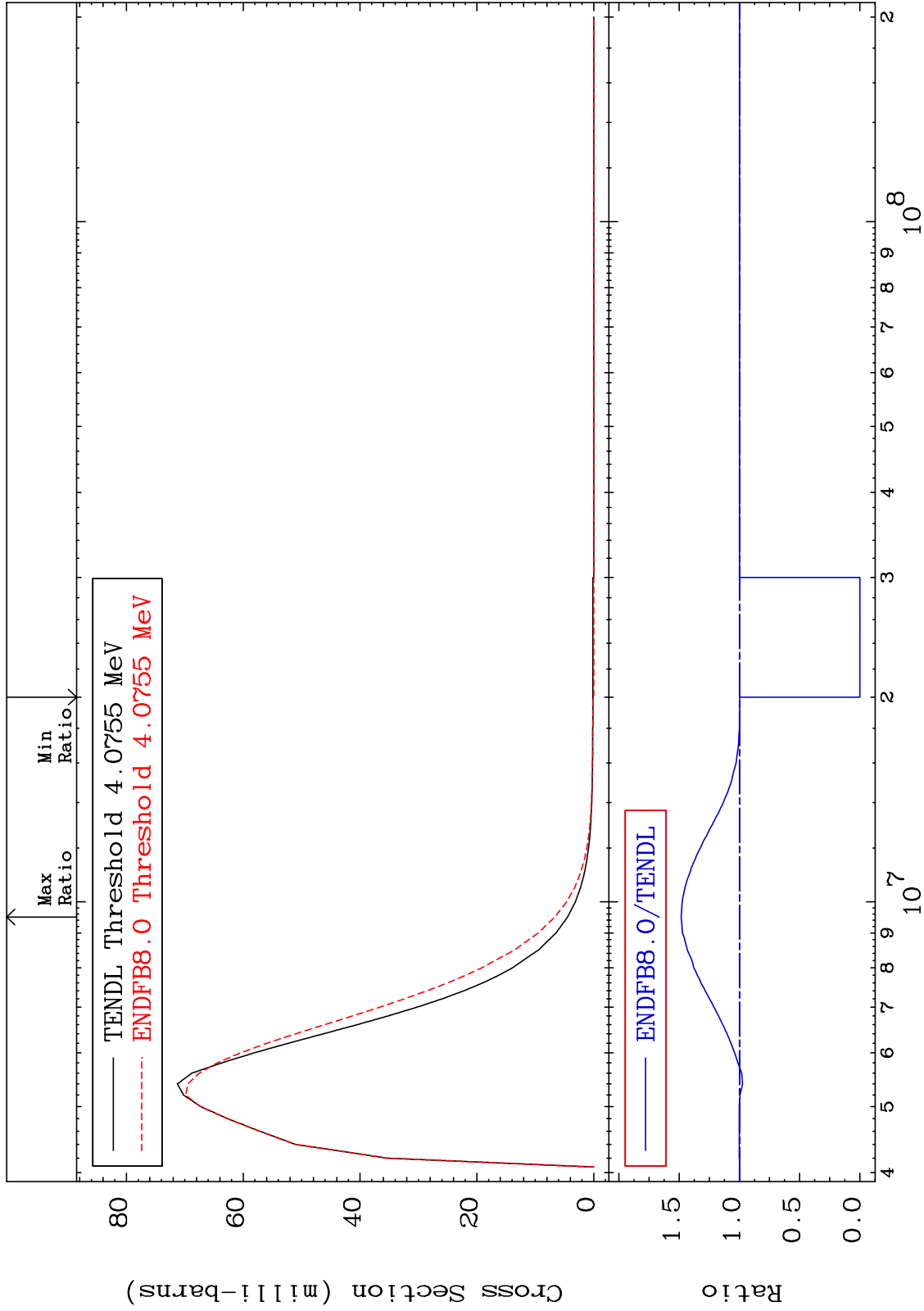
Incident Energy (eV)

20-Ca-46

MAT 2043

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

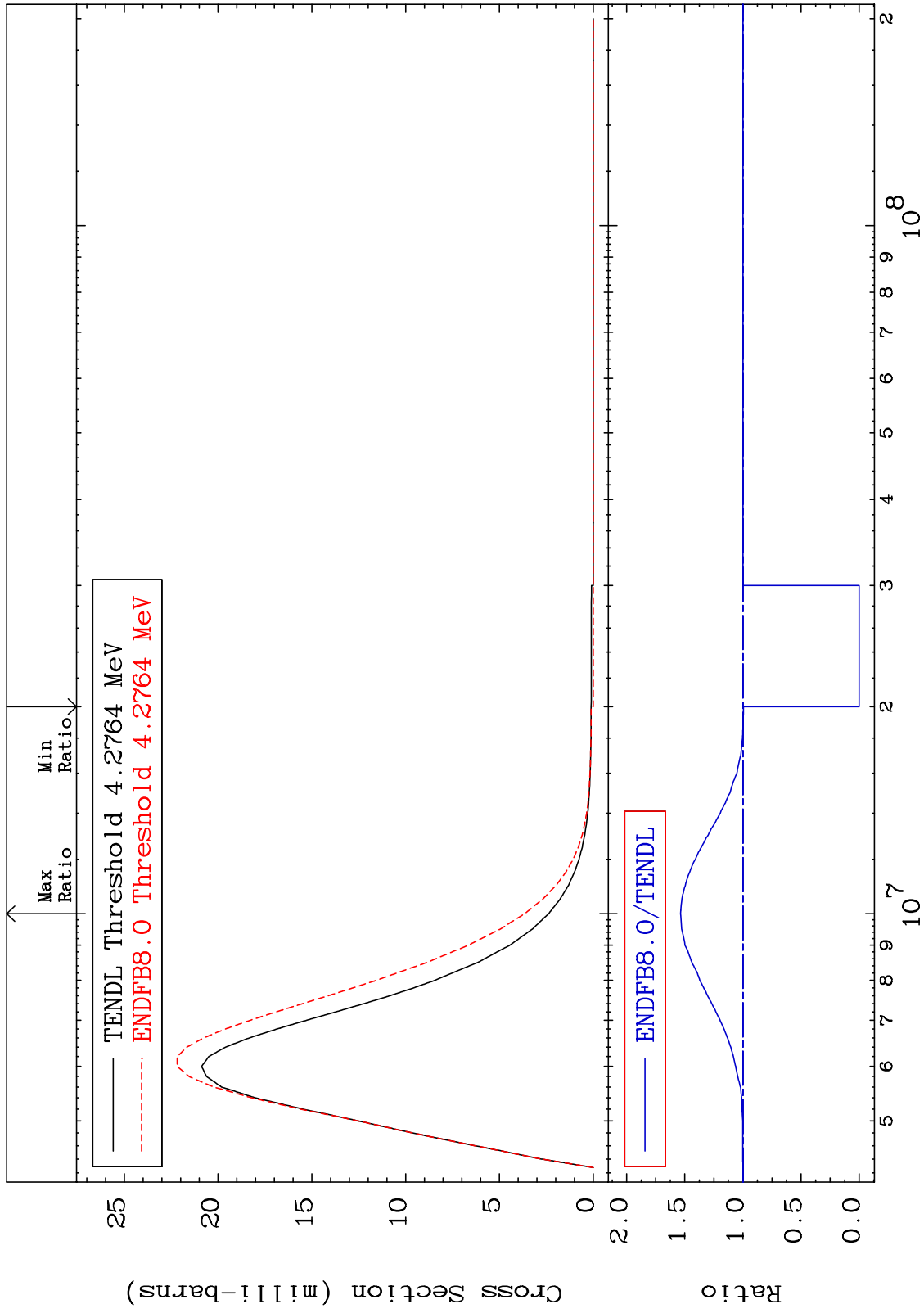
20-Ca-46
-100.0 To 48.26 %



MAT 2043

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

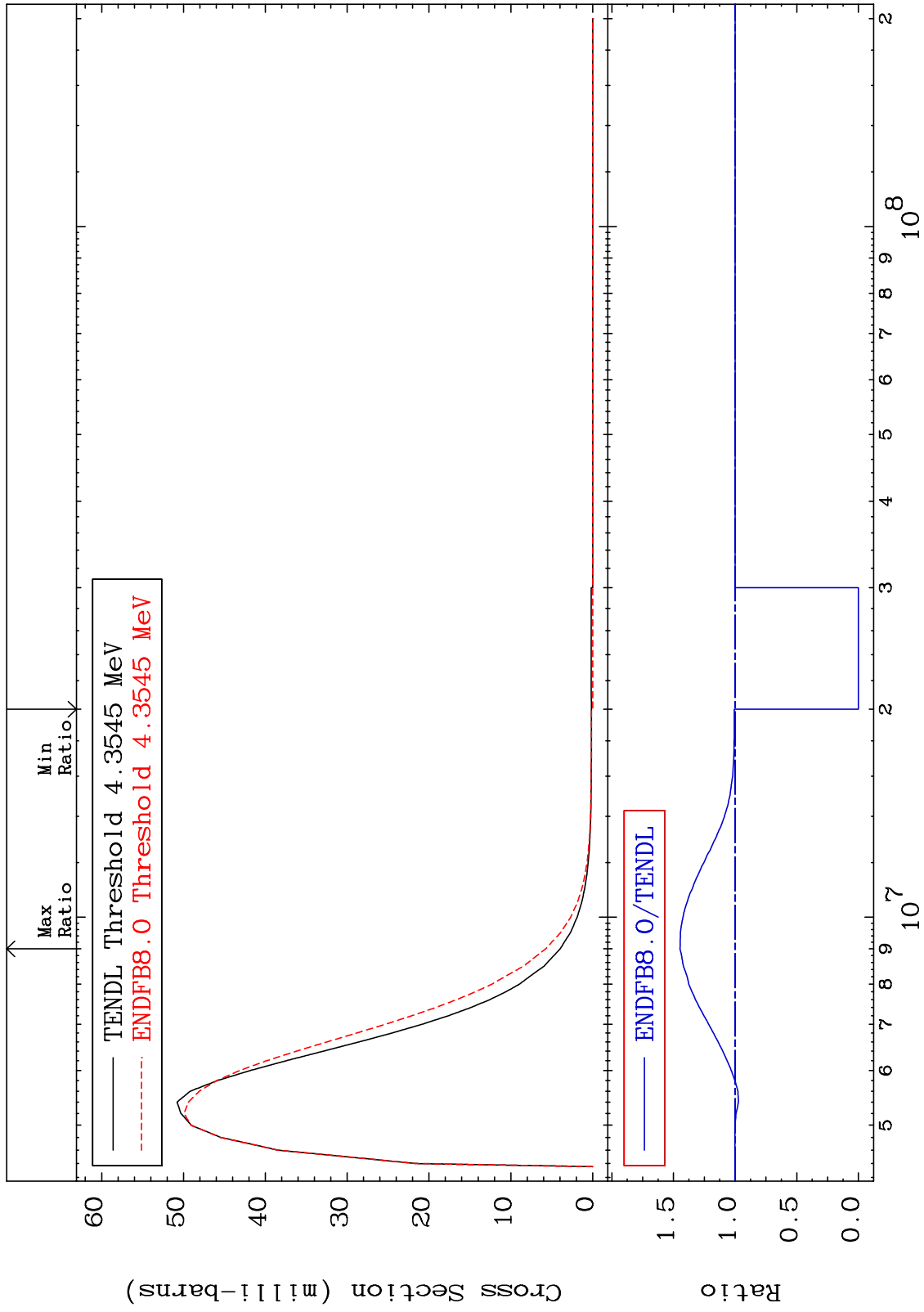
20-Ca-46
-100.0 To 53.59 %



MAT 2043

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

20-Ca-46
-100.0 To 44.67 %



20

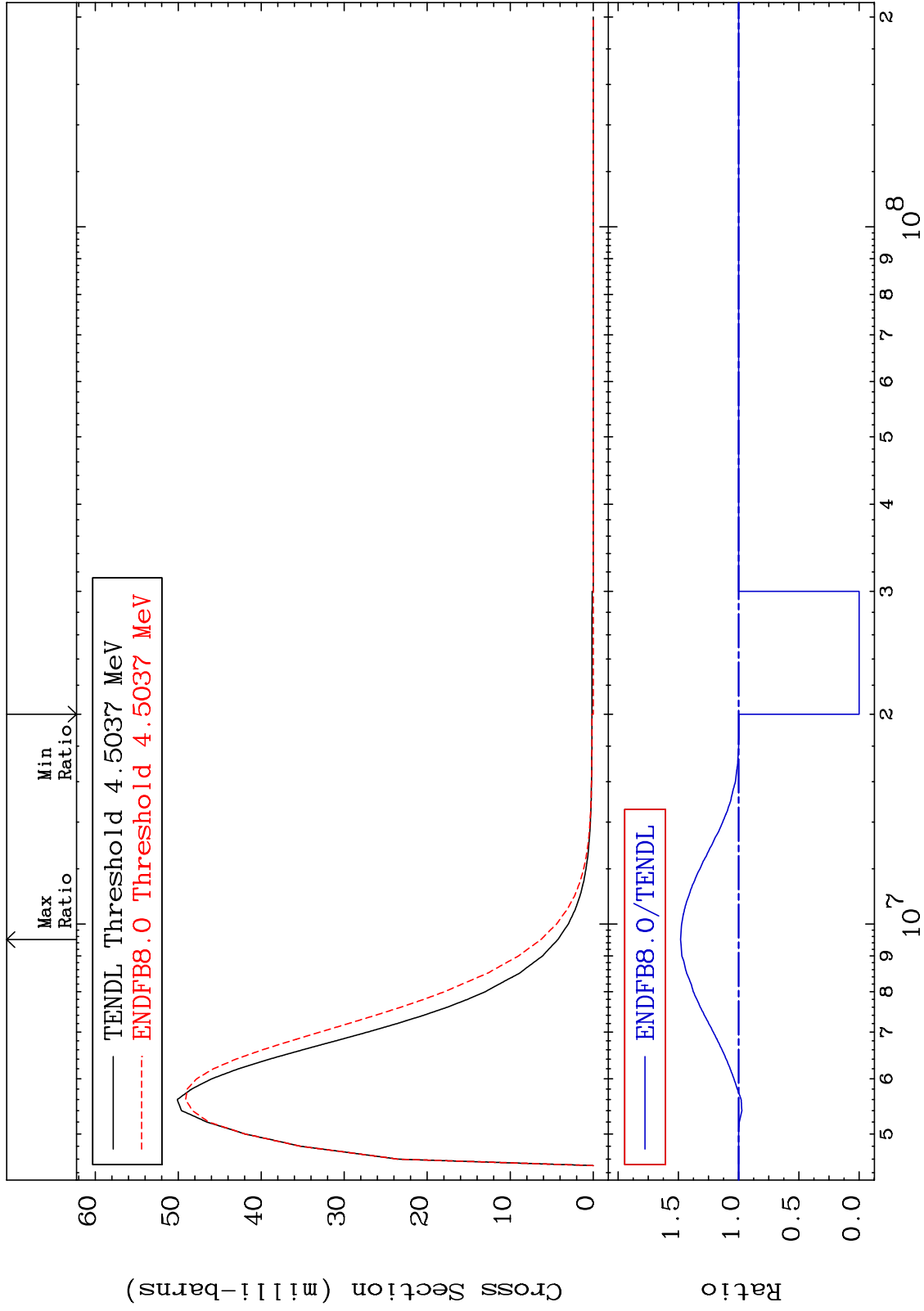
Incident Energy (eV)

20-Ca-46

MAT 2043

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

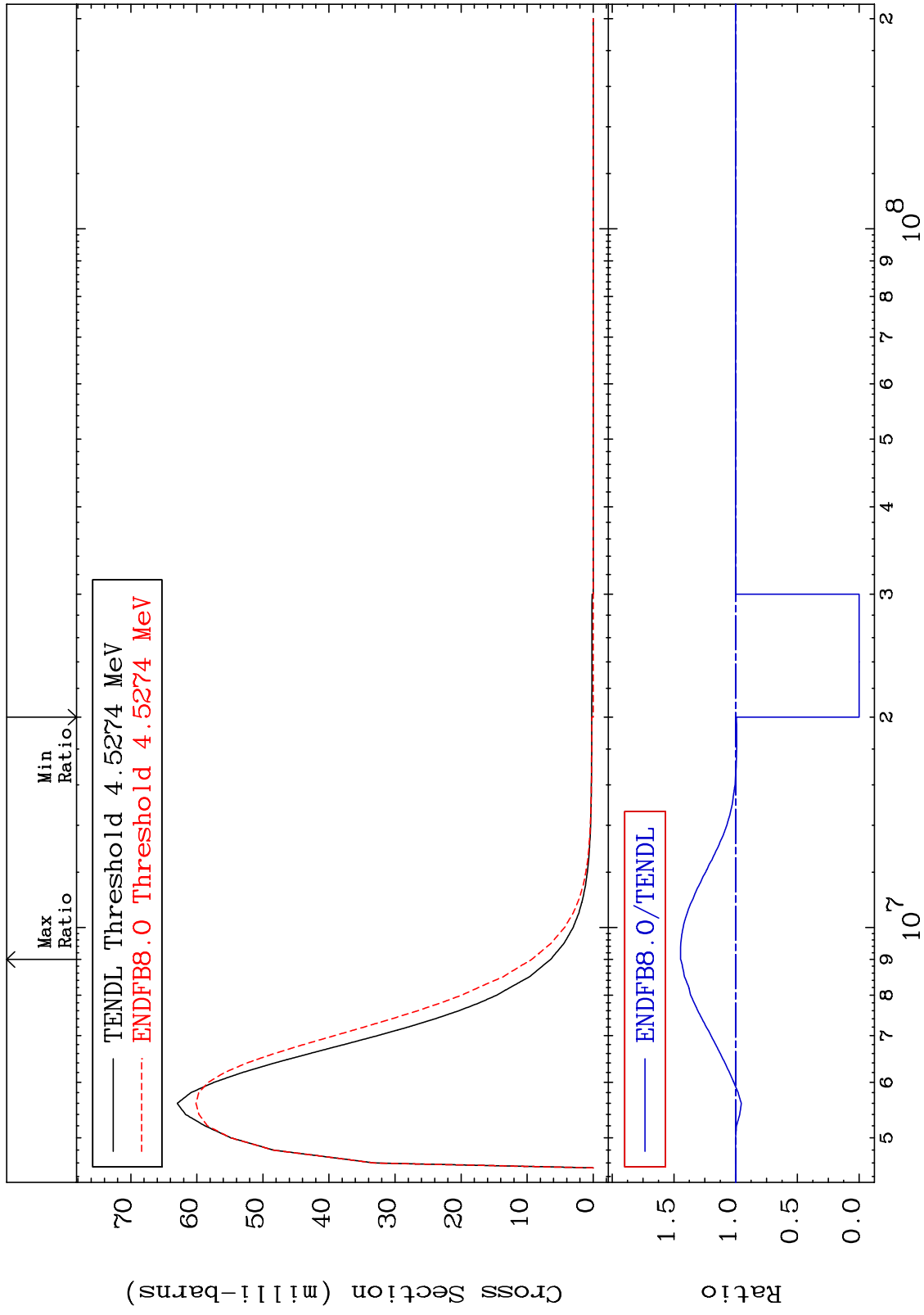
20-Ca-46
-100.0 To 48.18 %



MAT 2043

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

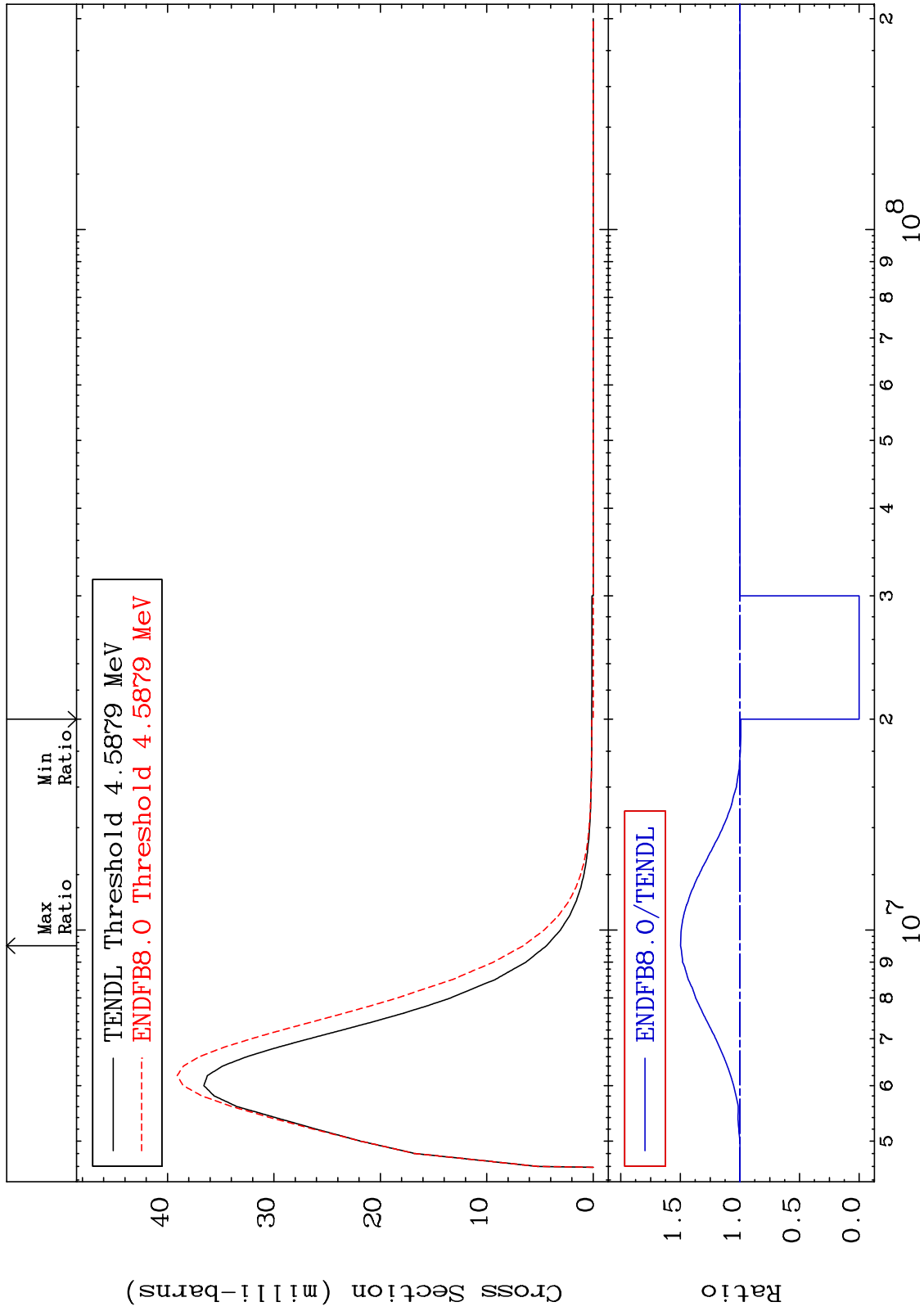
20-Ca-46
-100.0 To 44.57 %



MAT 2043

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

20-Ca-46
-100.0 To 49.78 %



23

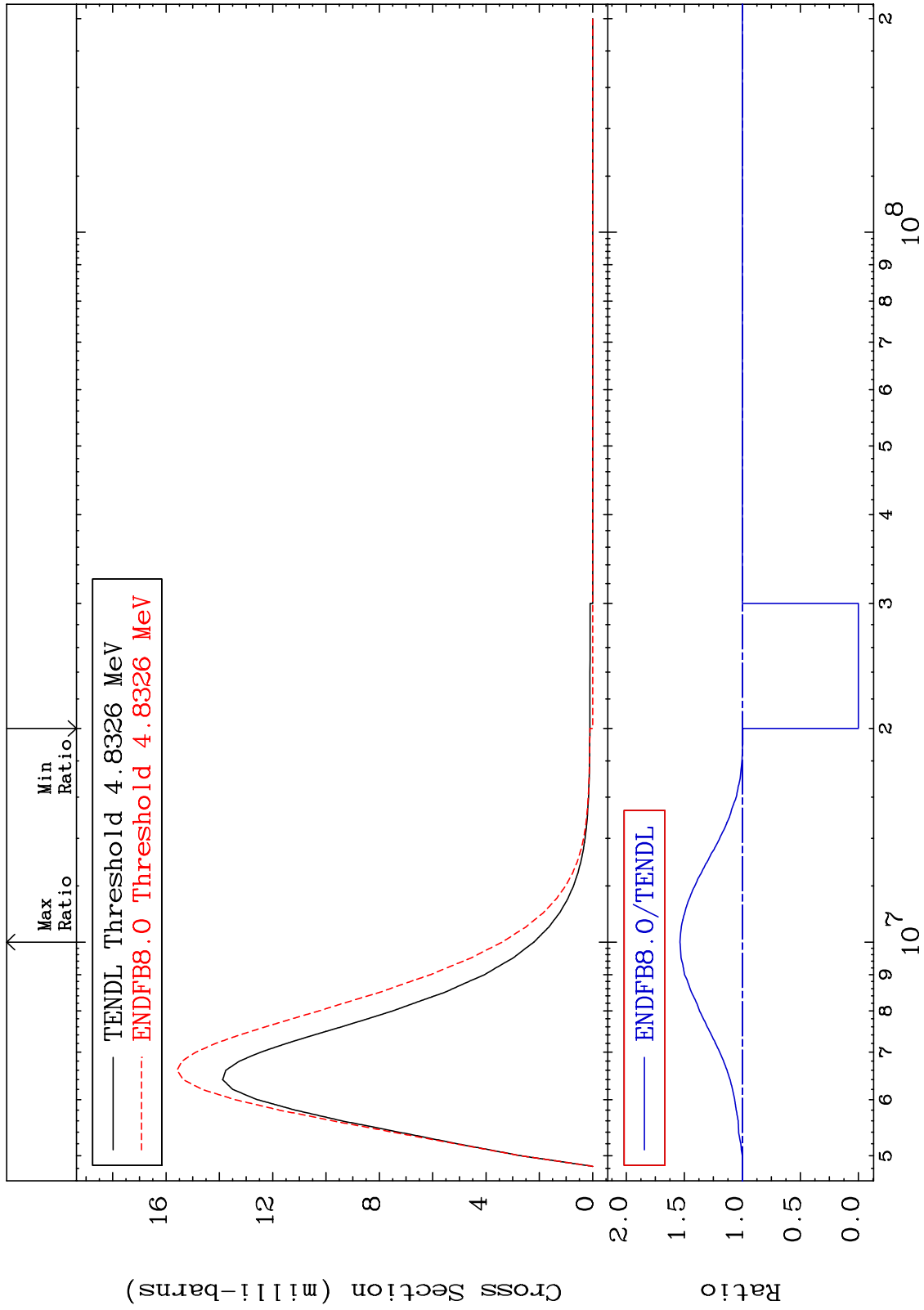
Incident Energy (eV)

20-Ca-46

MAT 2043

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

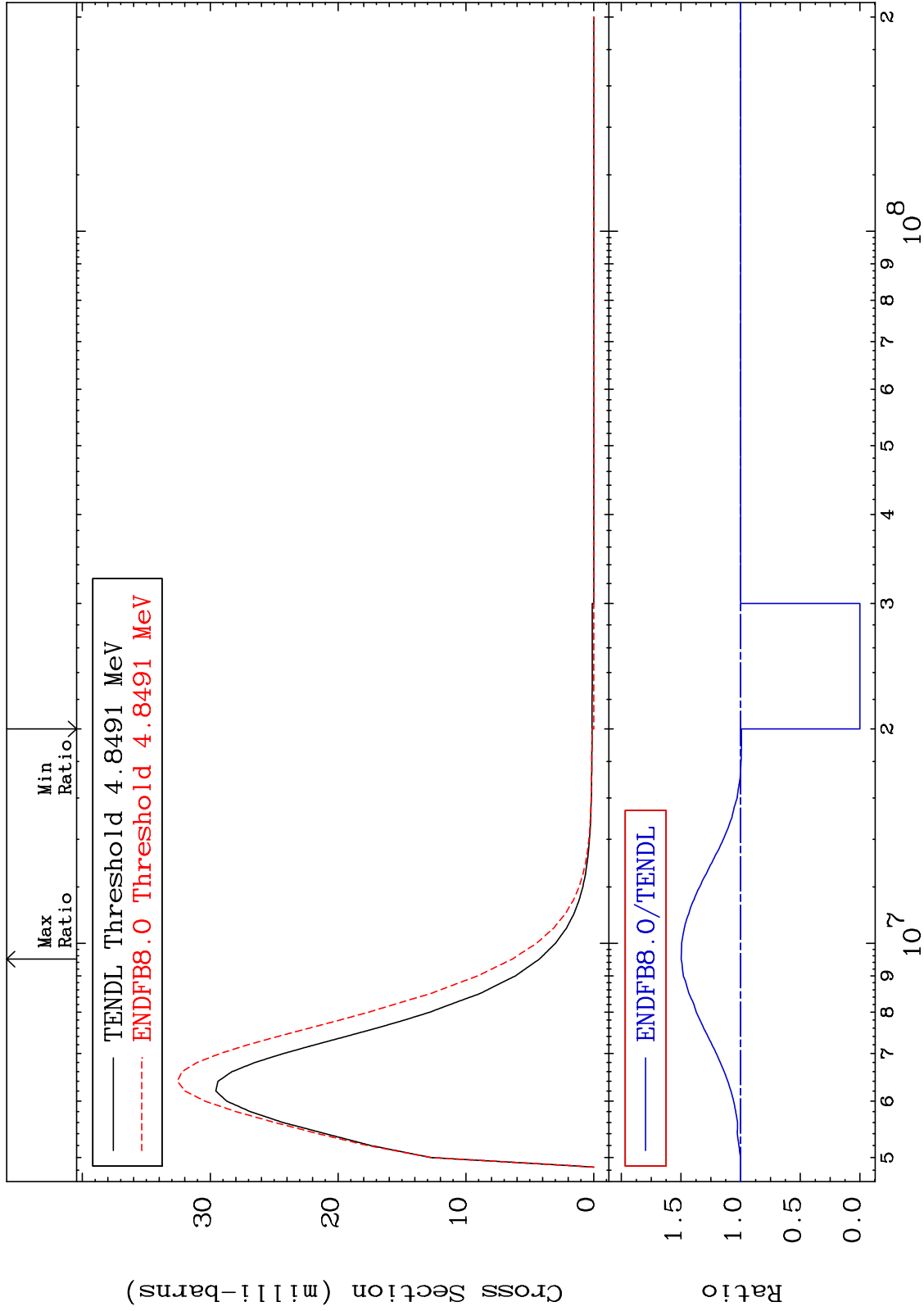
20-Ca-46
-100.0 To 53.77 %



MAT 2043

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

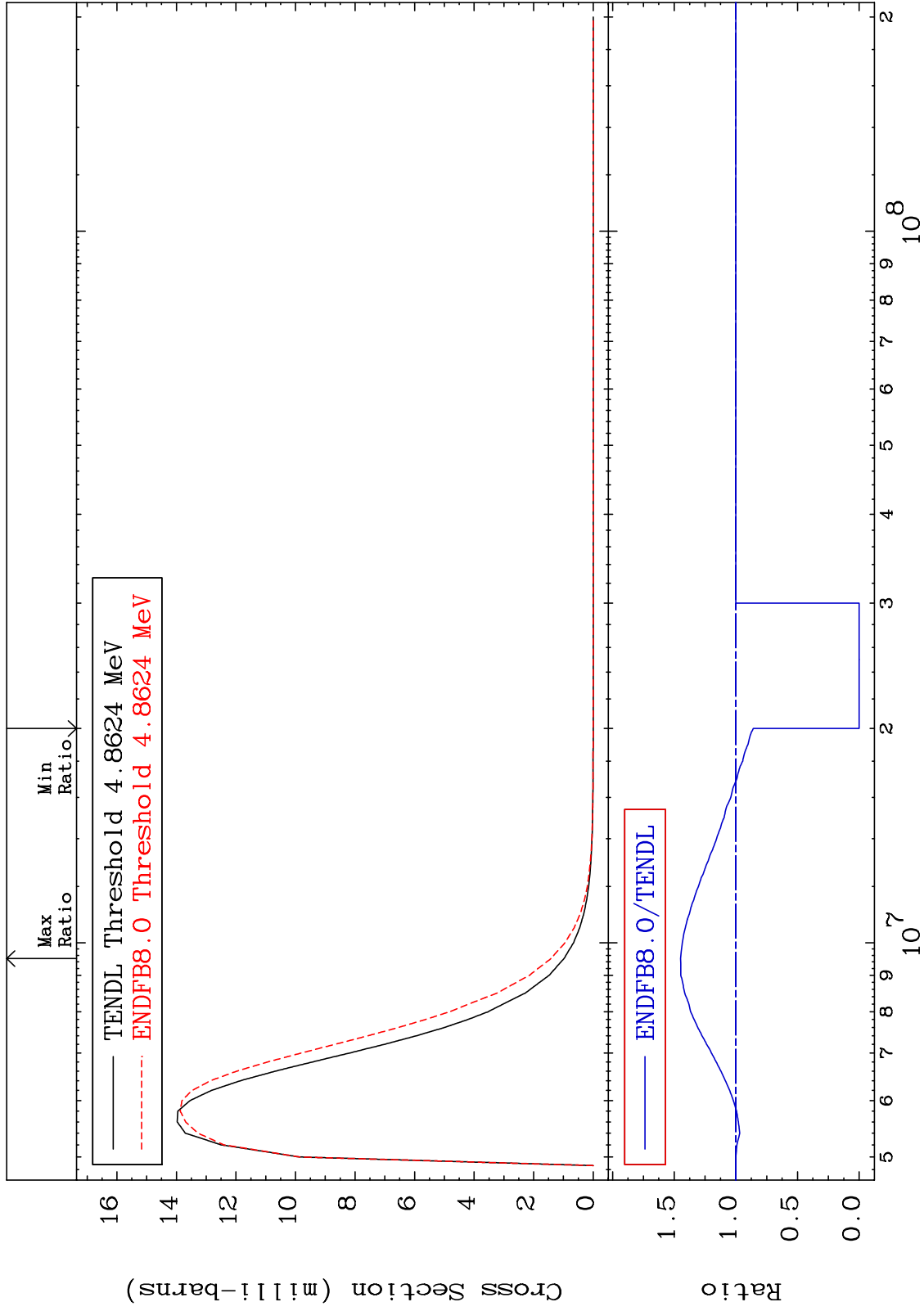
20-Ca-46
-100.0 To 49.83 %



MAT 2043

MT= 68 (n,n') Level
Cross Section

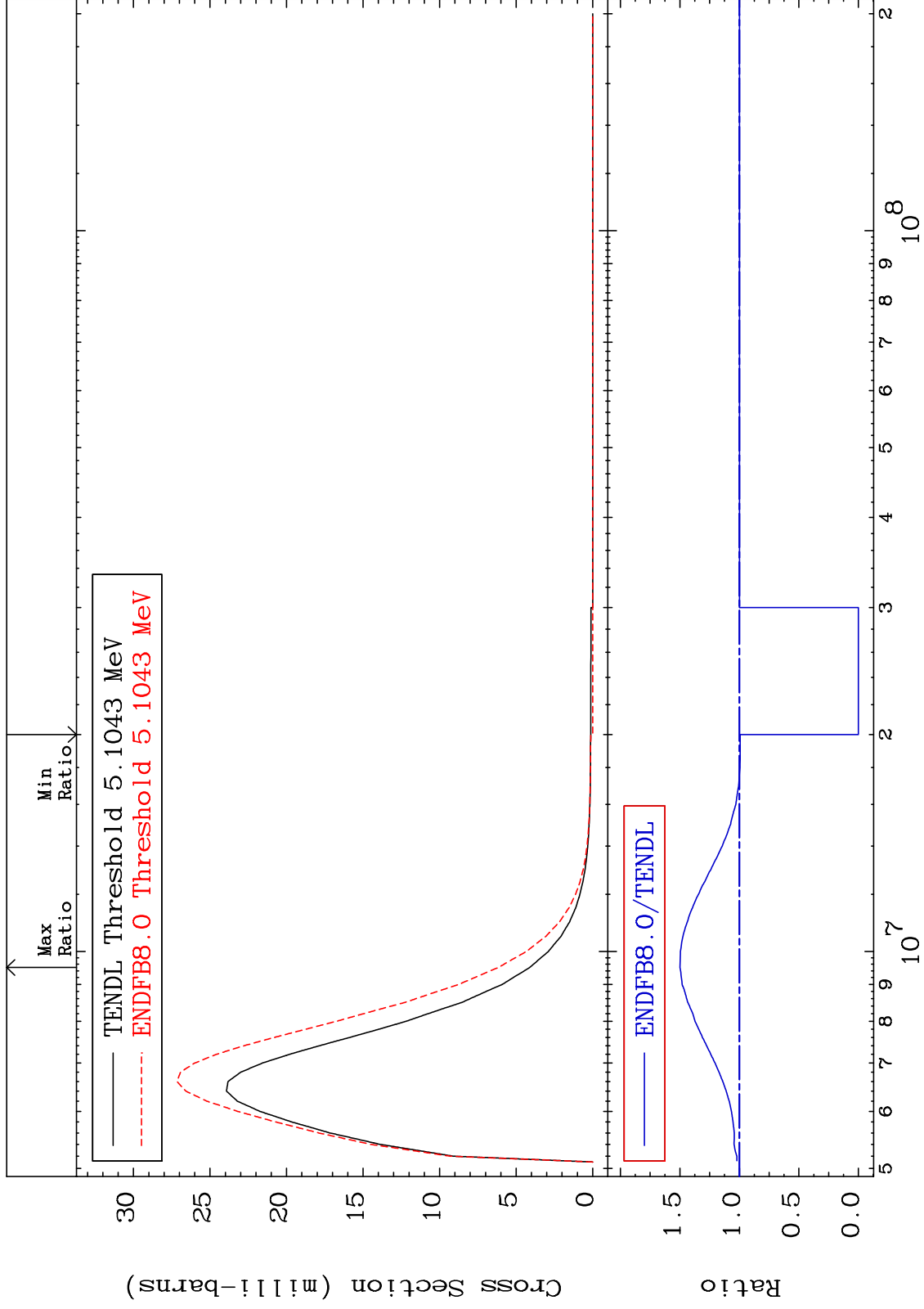
20-Ca-46
-100.0 To 44.81 %



MAT 2043

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

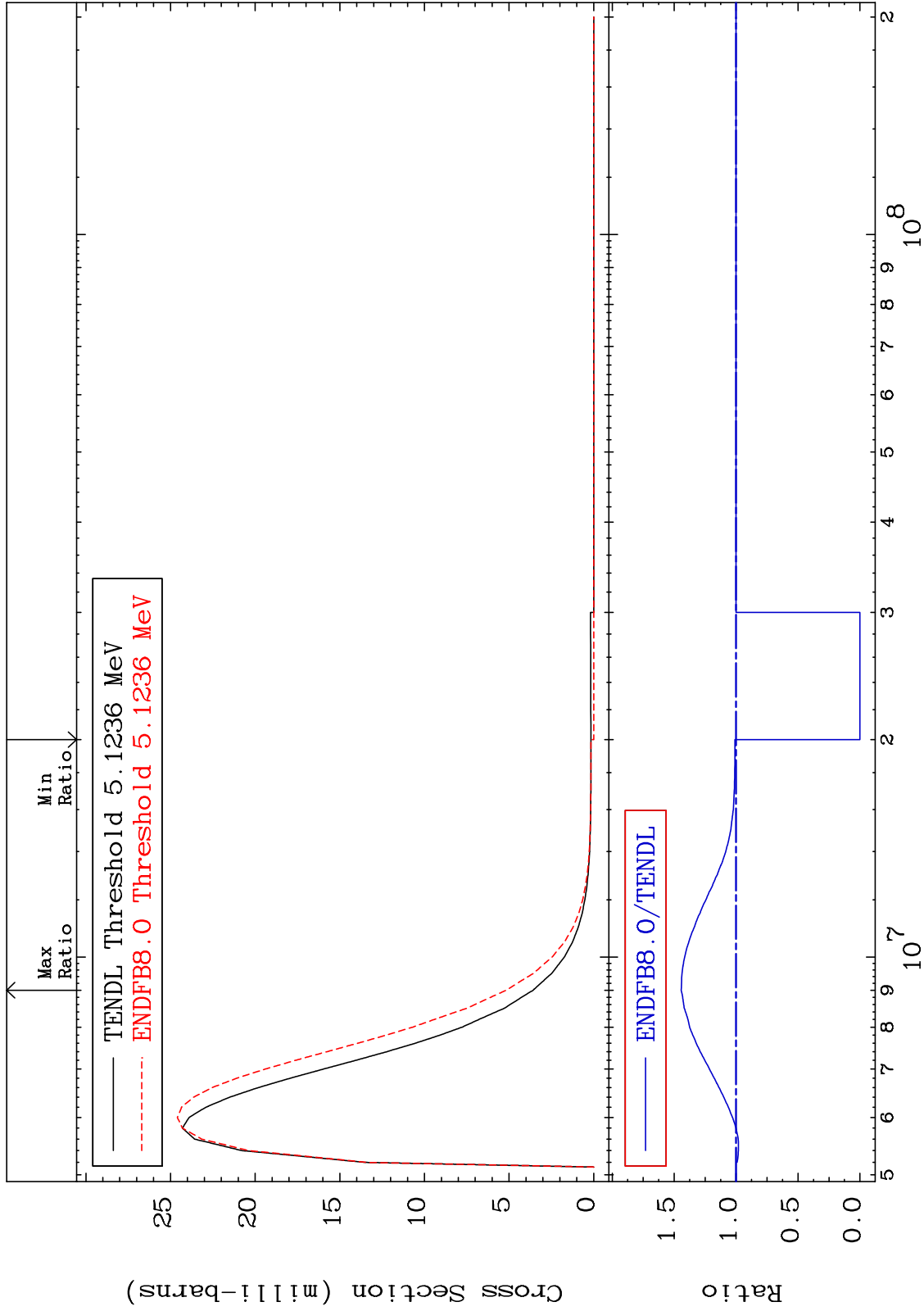
20-Ca-46
-100.0 To 49.89 %



MAT 2043

MT= 70 (n,n') Level
Cross Section

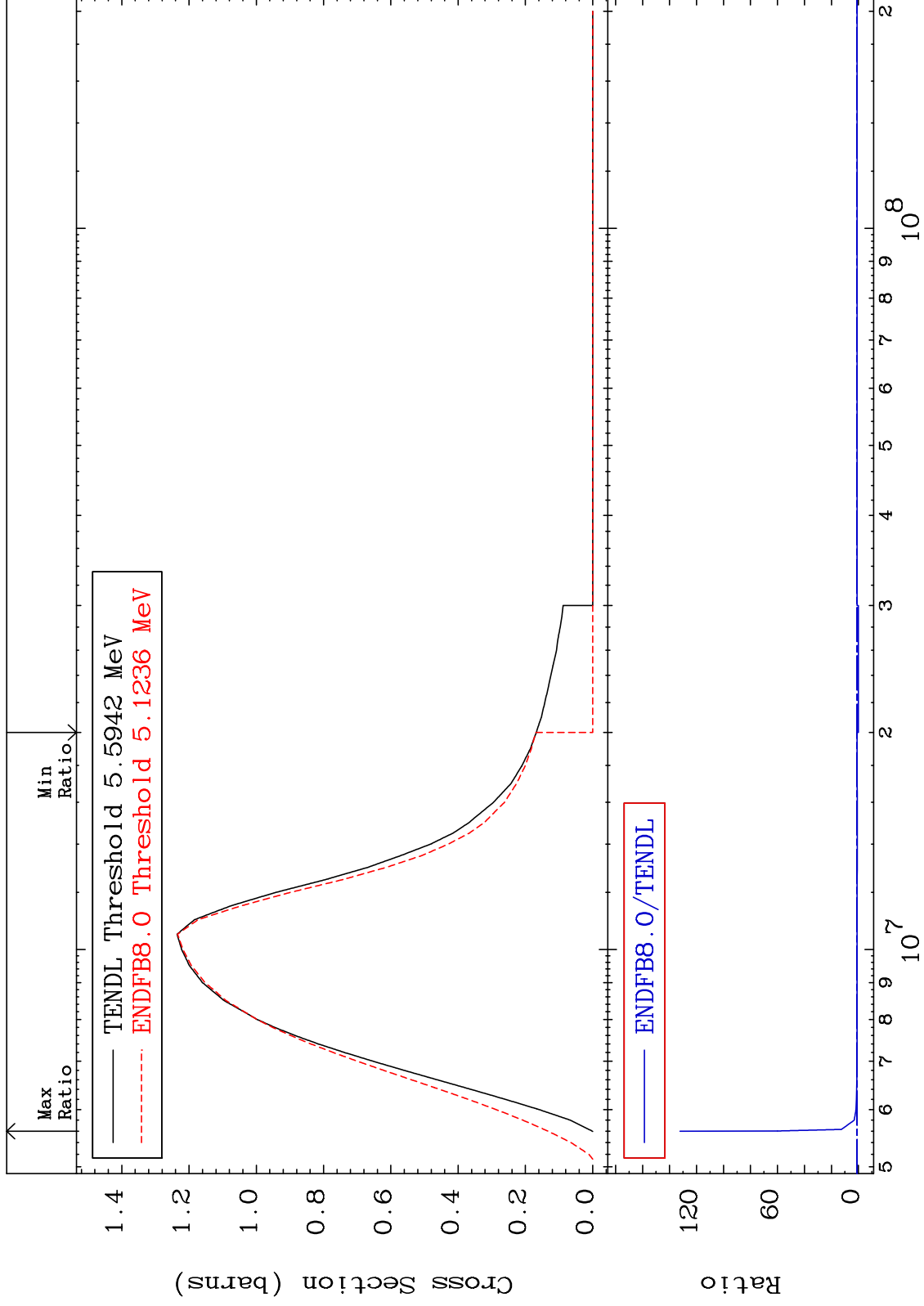
20-Ca-46
-100.0 To 44.30 %



MAT 2043

(n,n') Continuum
Cross Section

20-Ca-46
-100.0 To 9999. %



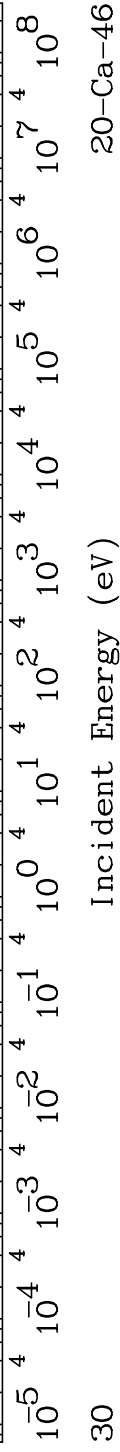
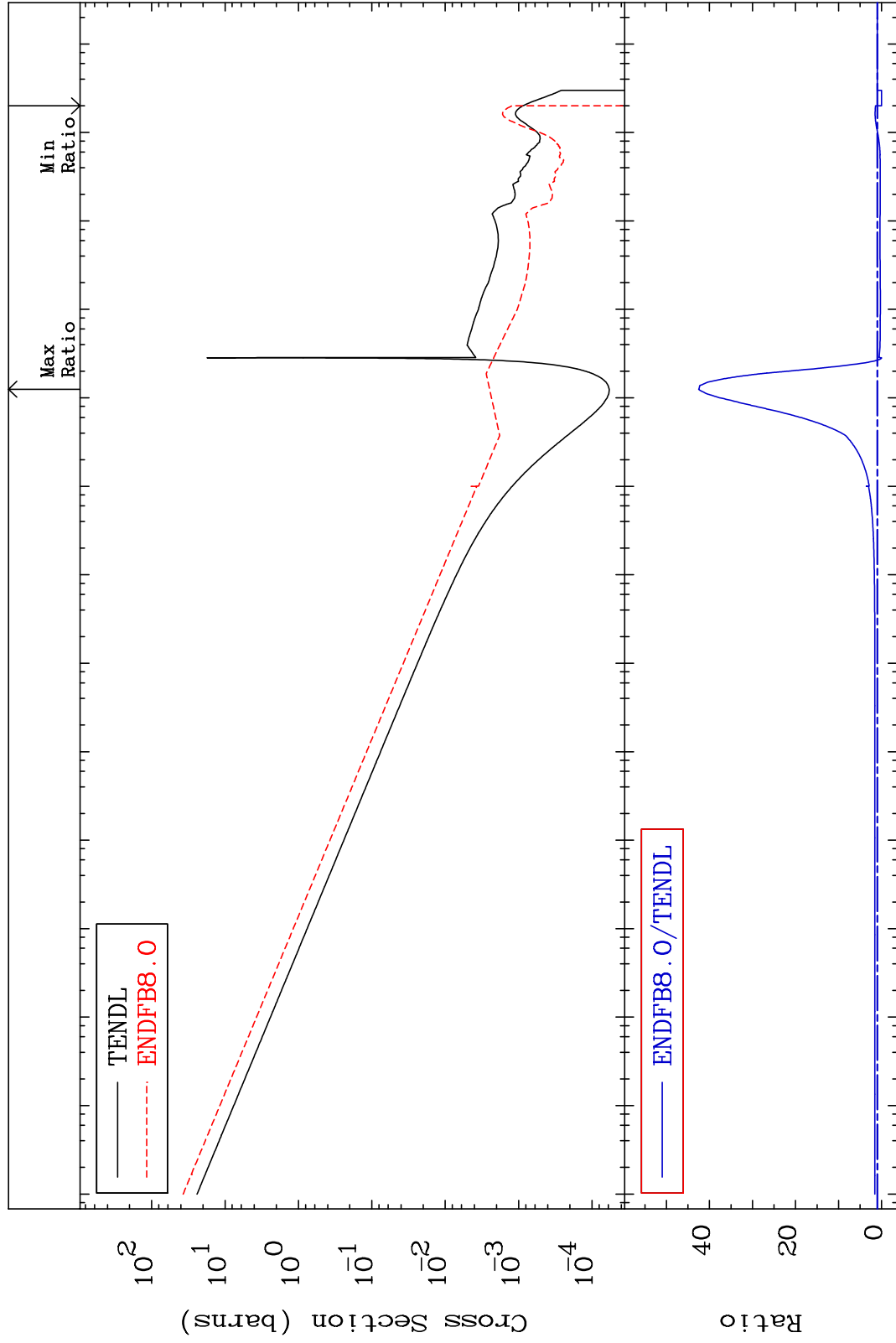
MAT 2043

(n, γ)

20-Ca-46

Cross Section

-100.0 To 4150. %



30

Incident Energy (eV)

20-Ca-46

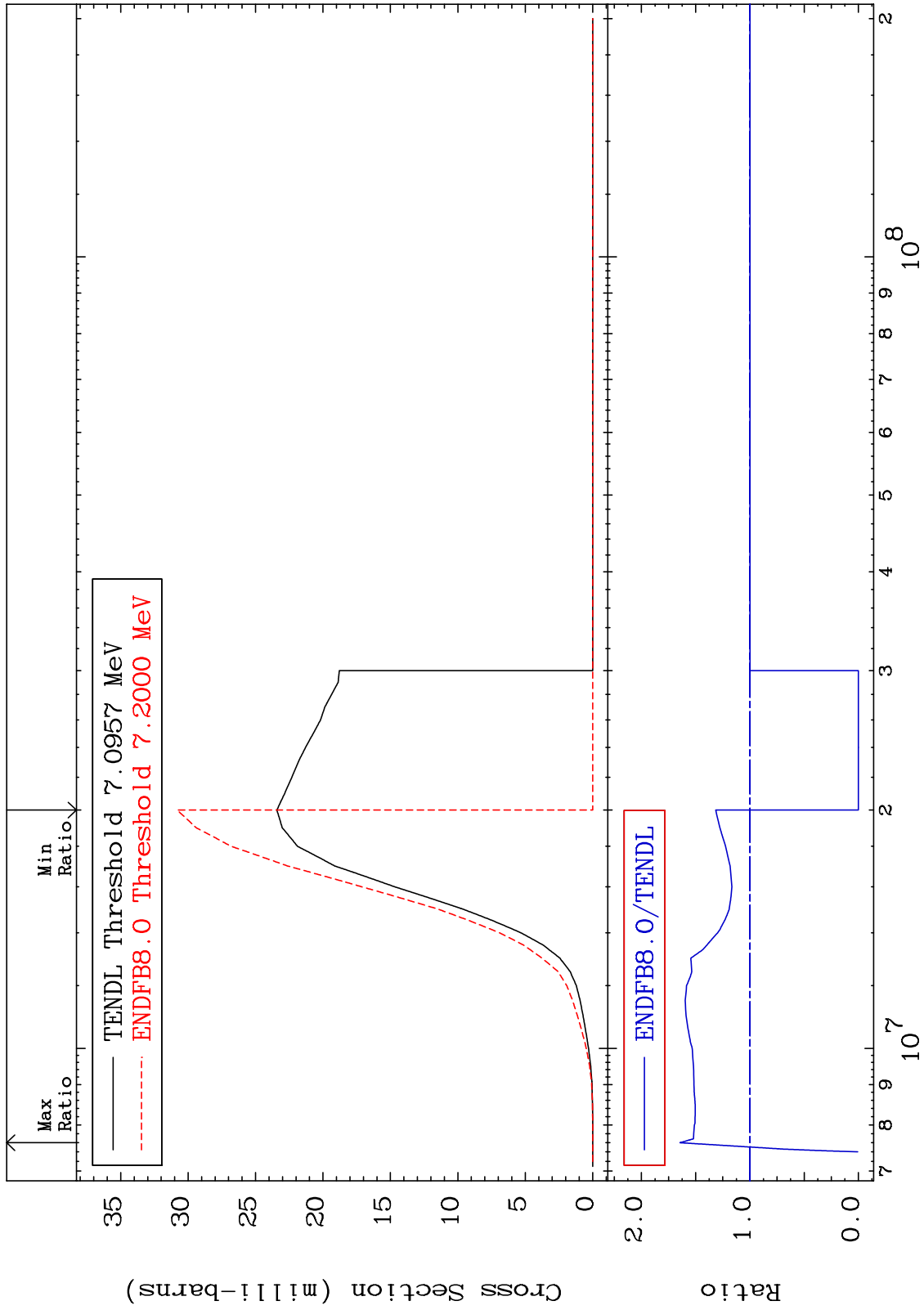
MAT 2043

(n,p)

20-Ca-46

Cross Section

-100.0 To 64.44 %



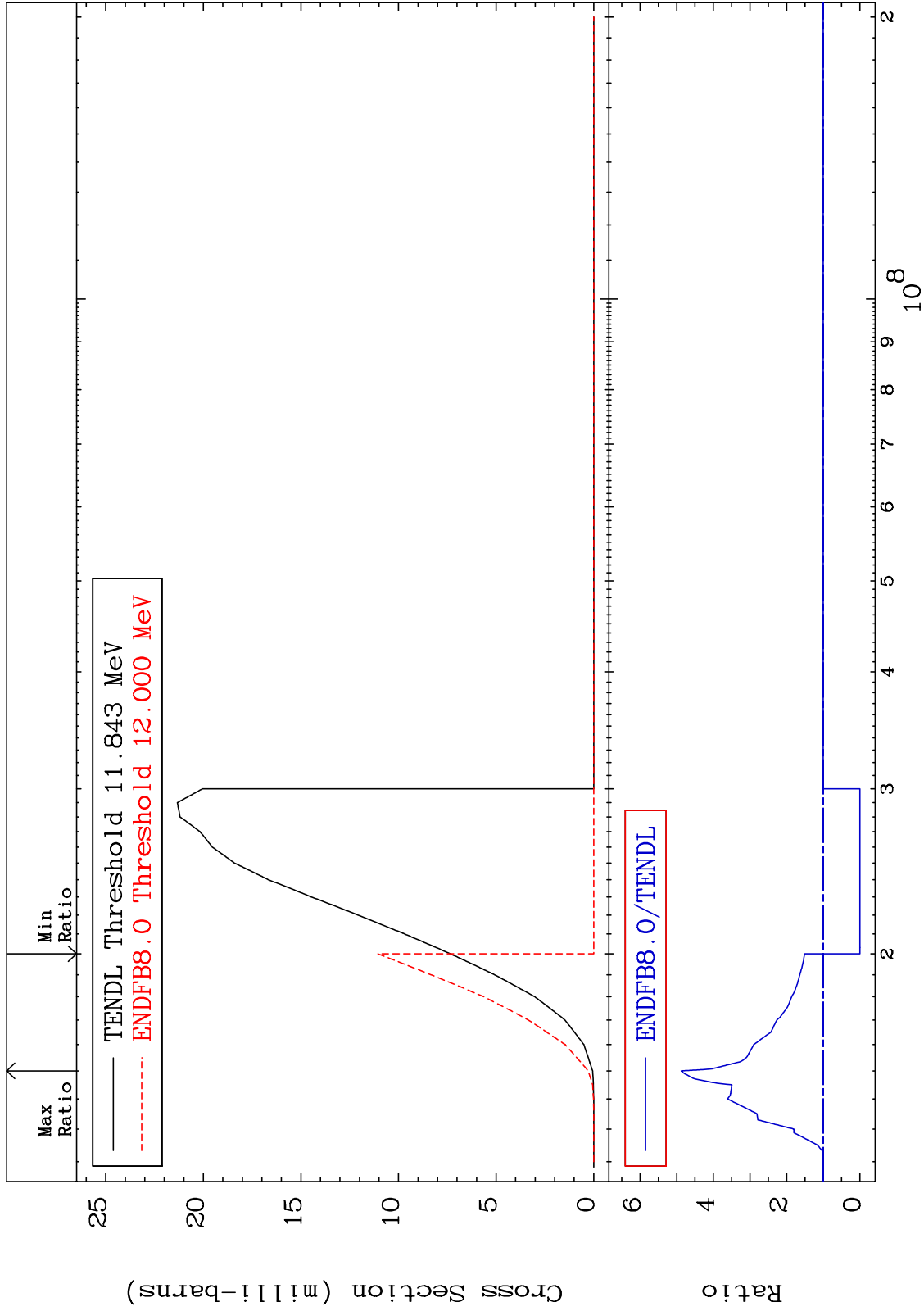
MAT 2043

(n, d)

20-Ca-46

Cross Section

-100.0 To 387.7 %



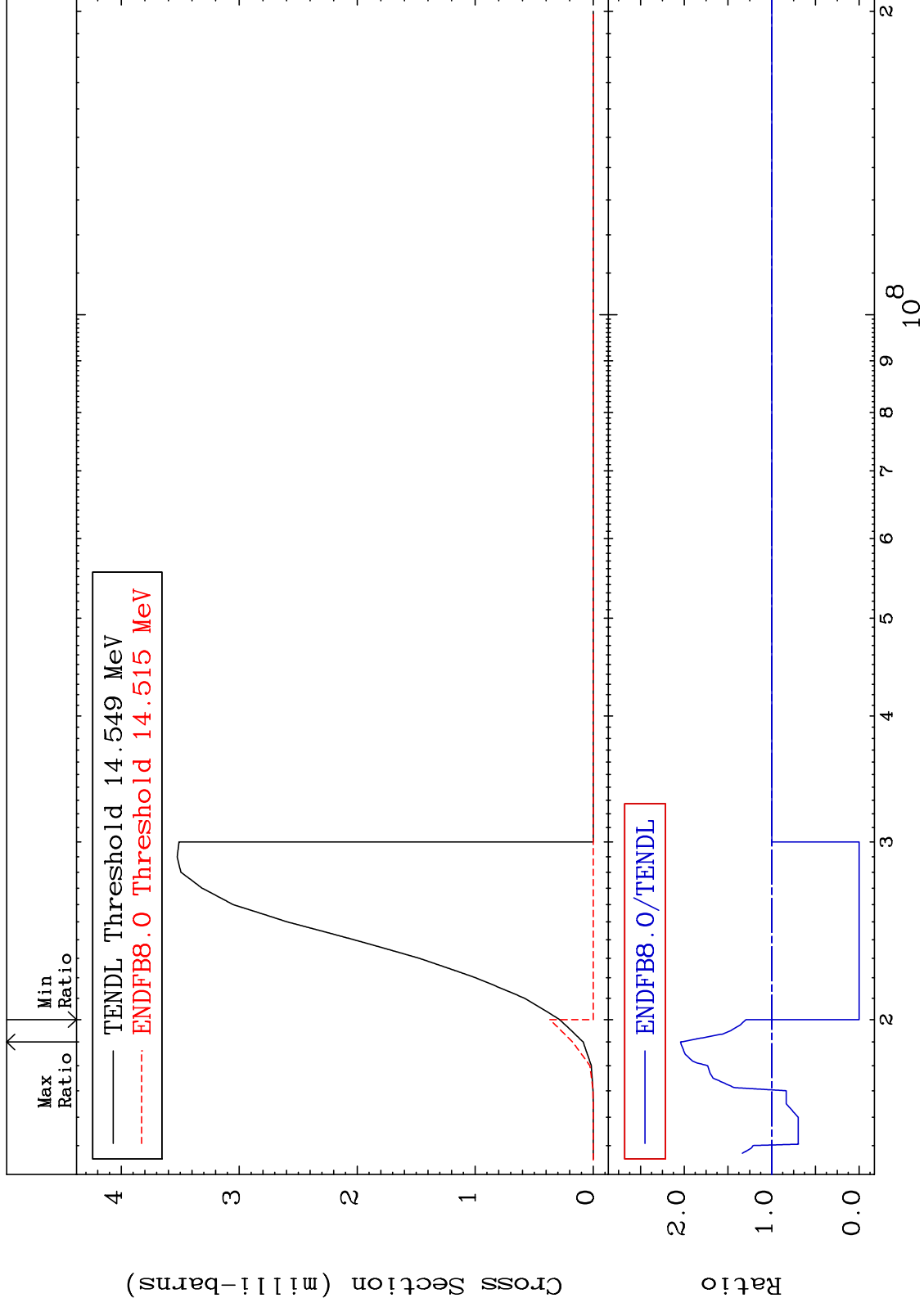
MAT 2043

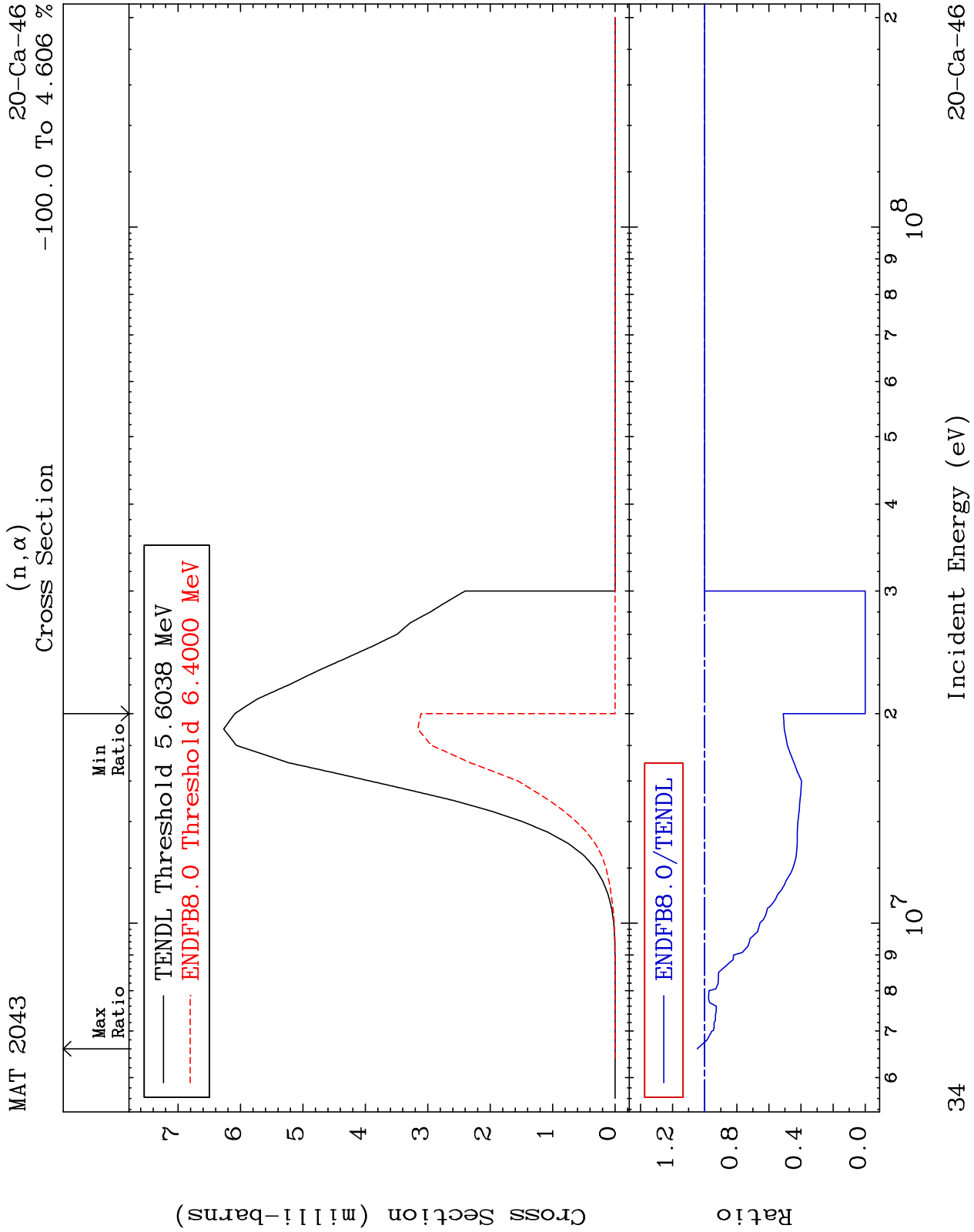
(n, t)

20-Ca-46

Cross Section

-100.0 To 104.1 %

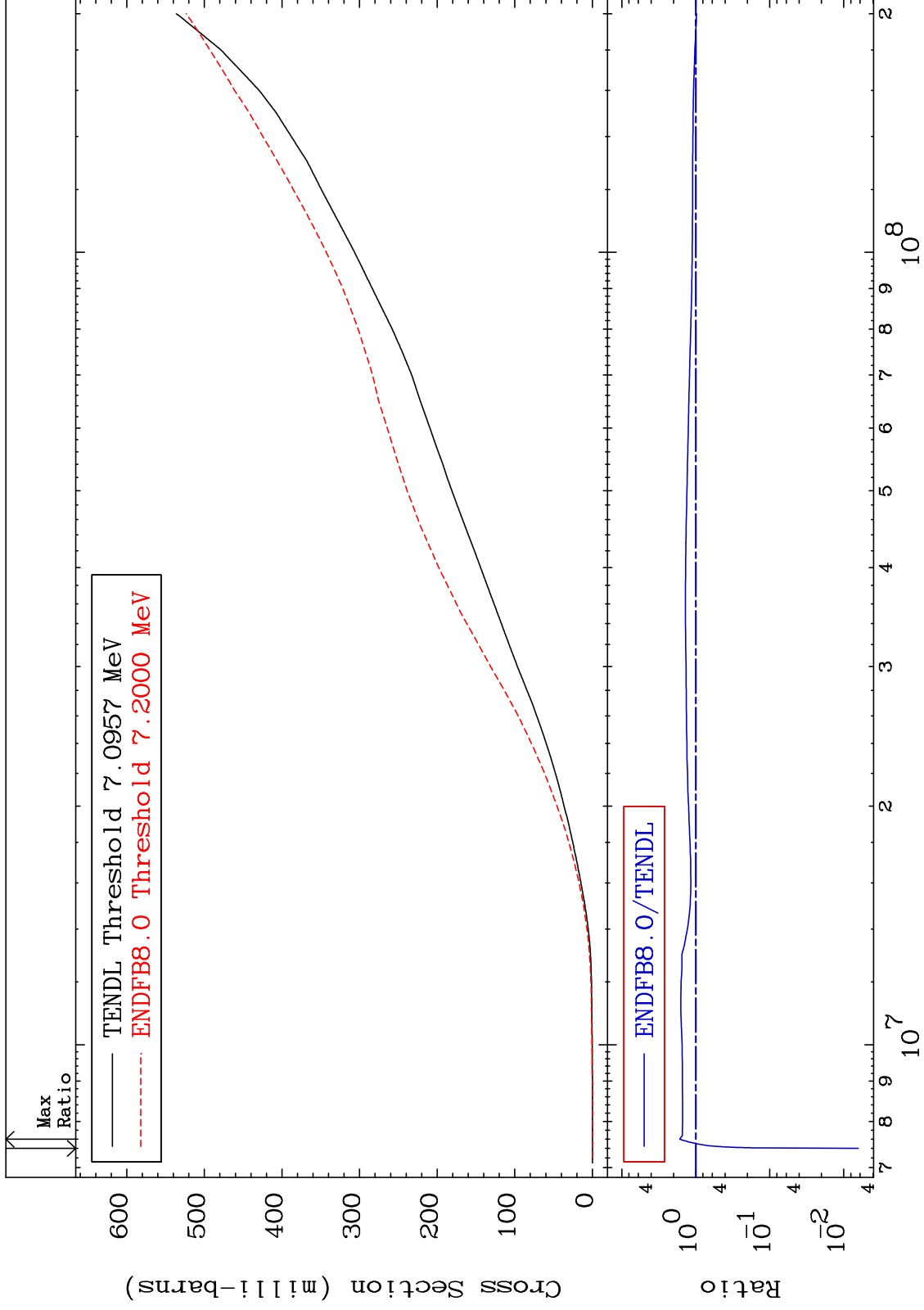




MAT 2043

Hydrogen Production
Cross Section

20-Ca-46
-99.37 To 64.44 %



35

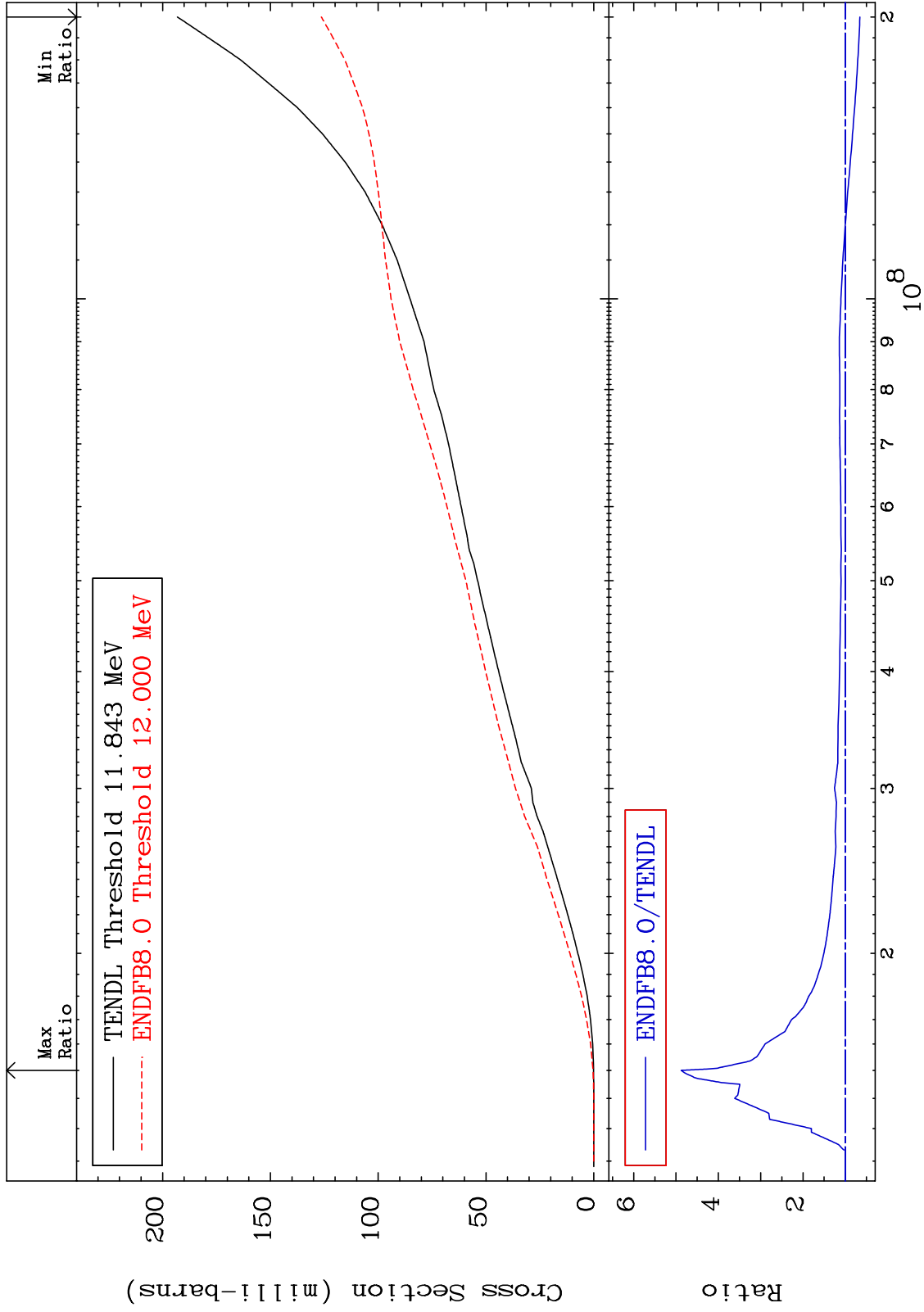
Incident Energy (eV)

20-Ca-46

MAT 2043

Deuterium Production
Cross Section

20-Ca-46
-34.58 To 387.7 %



36

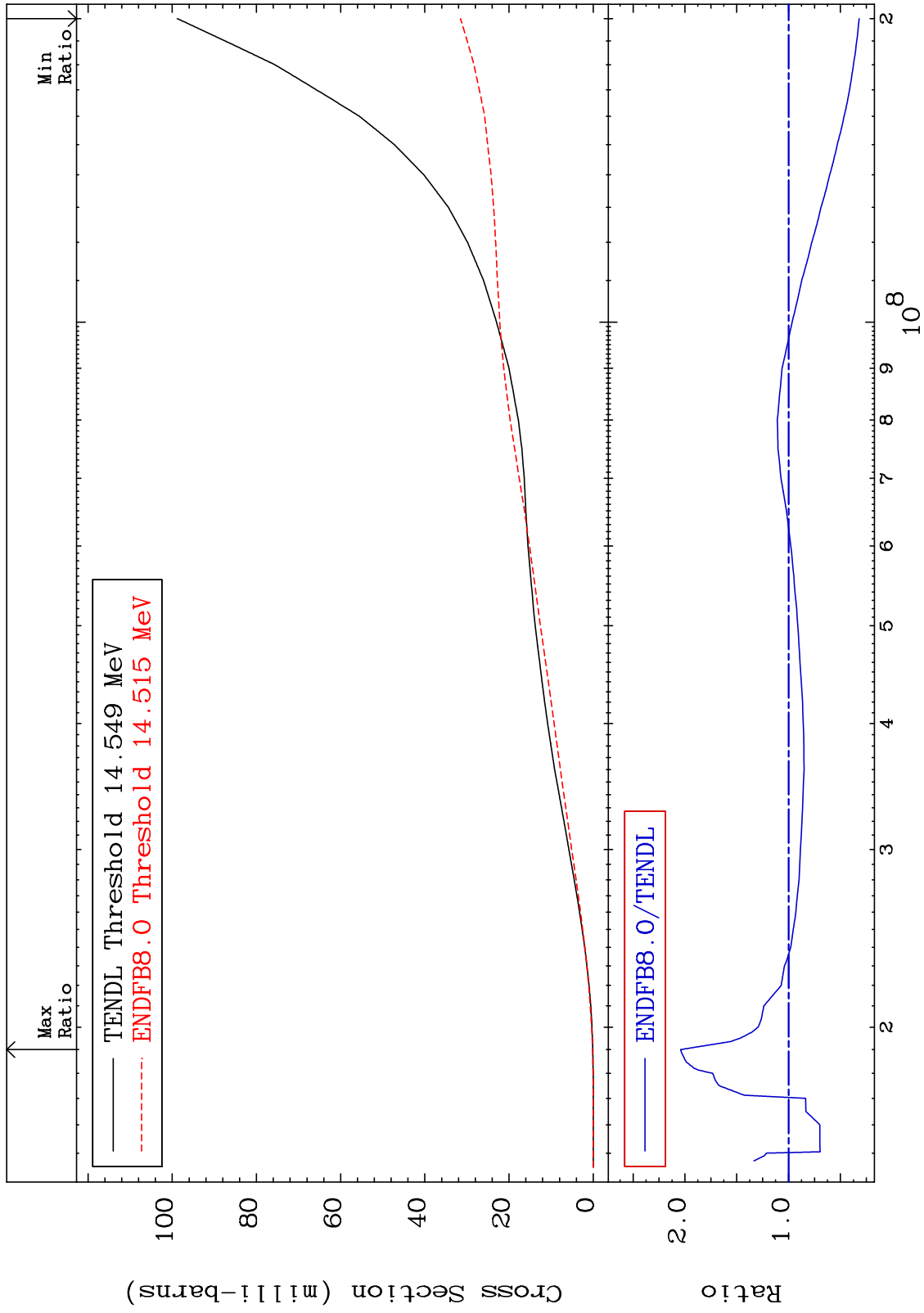
Incident Energy (eV)

20-Ca-46

MAT 2043

Tritium Production
Cross Section

20-Ca-46
-68.11 To 104.1 %



37

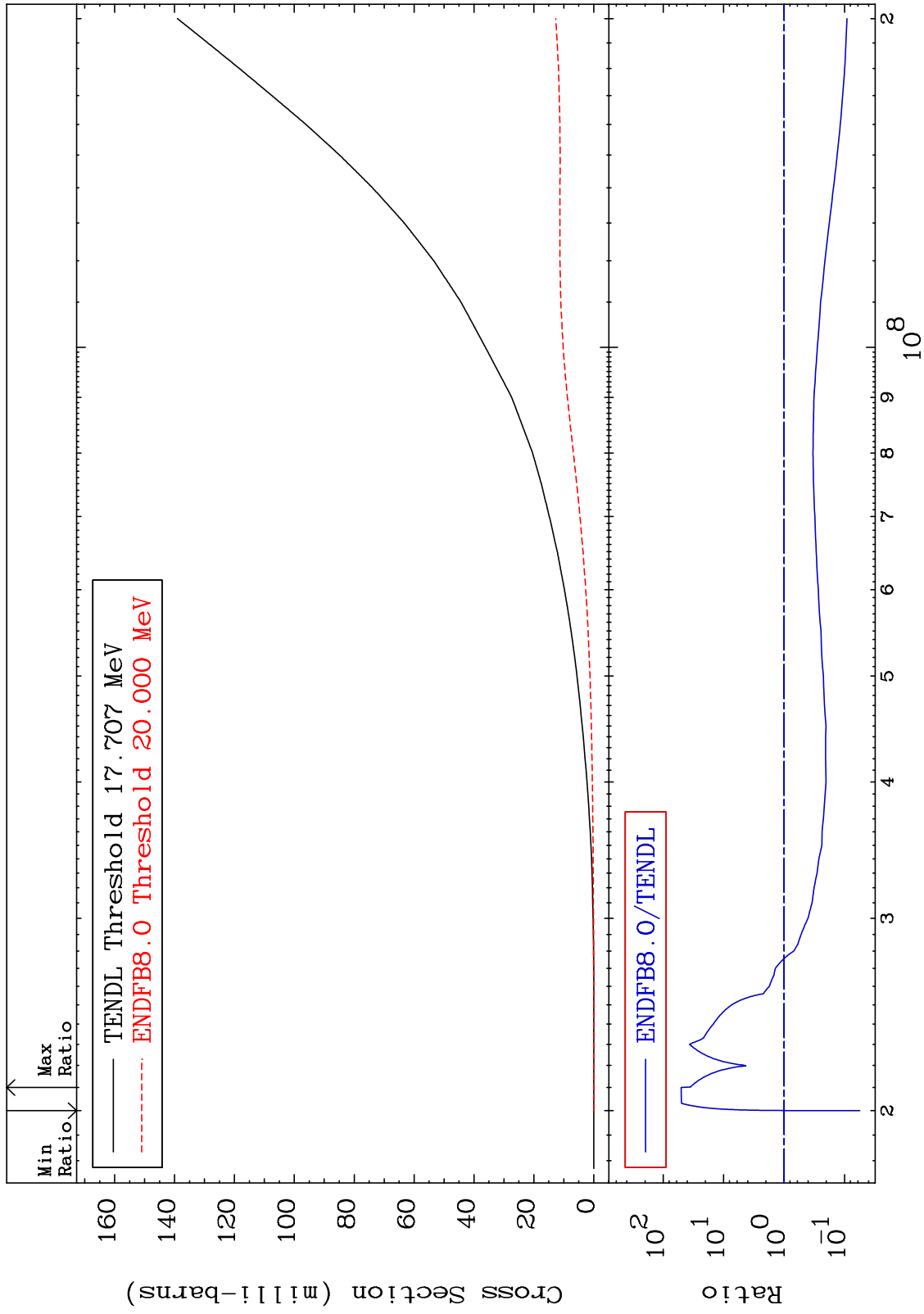
Incident Energy (eV)

20-Ca-46

MAT 2043

He-3 Production
Cross Section

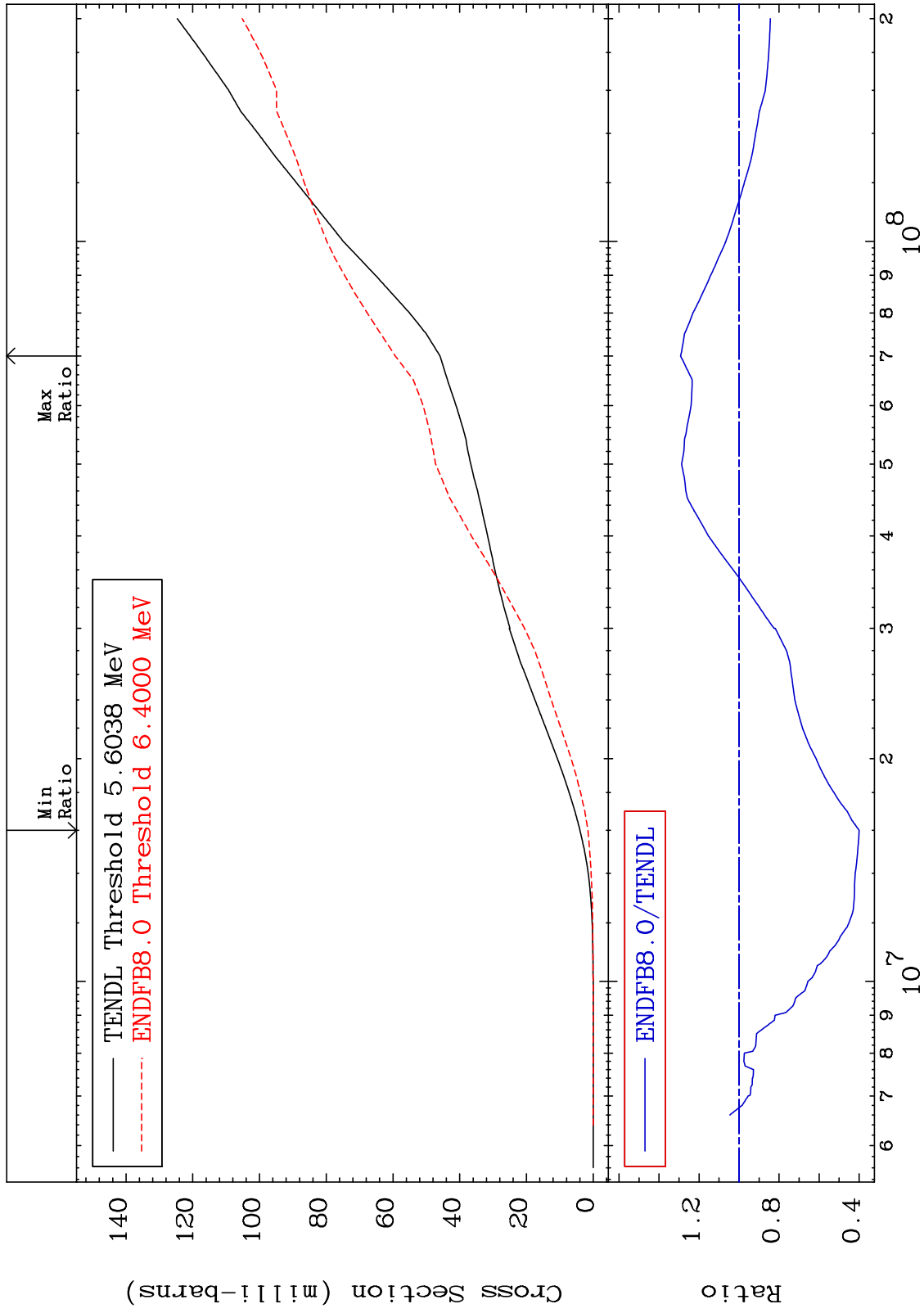
20-Ca-46
-94.44 To 4934. %



MAT 2043

He-4 Production
Cross Section

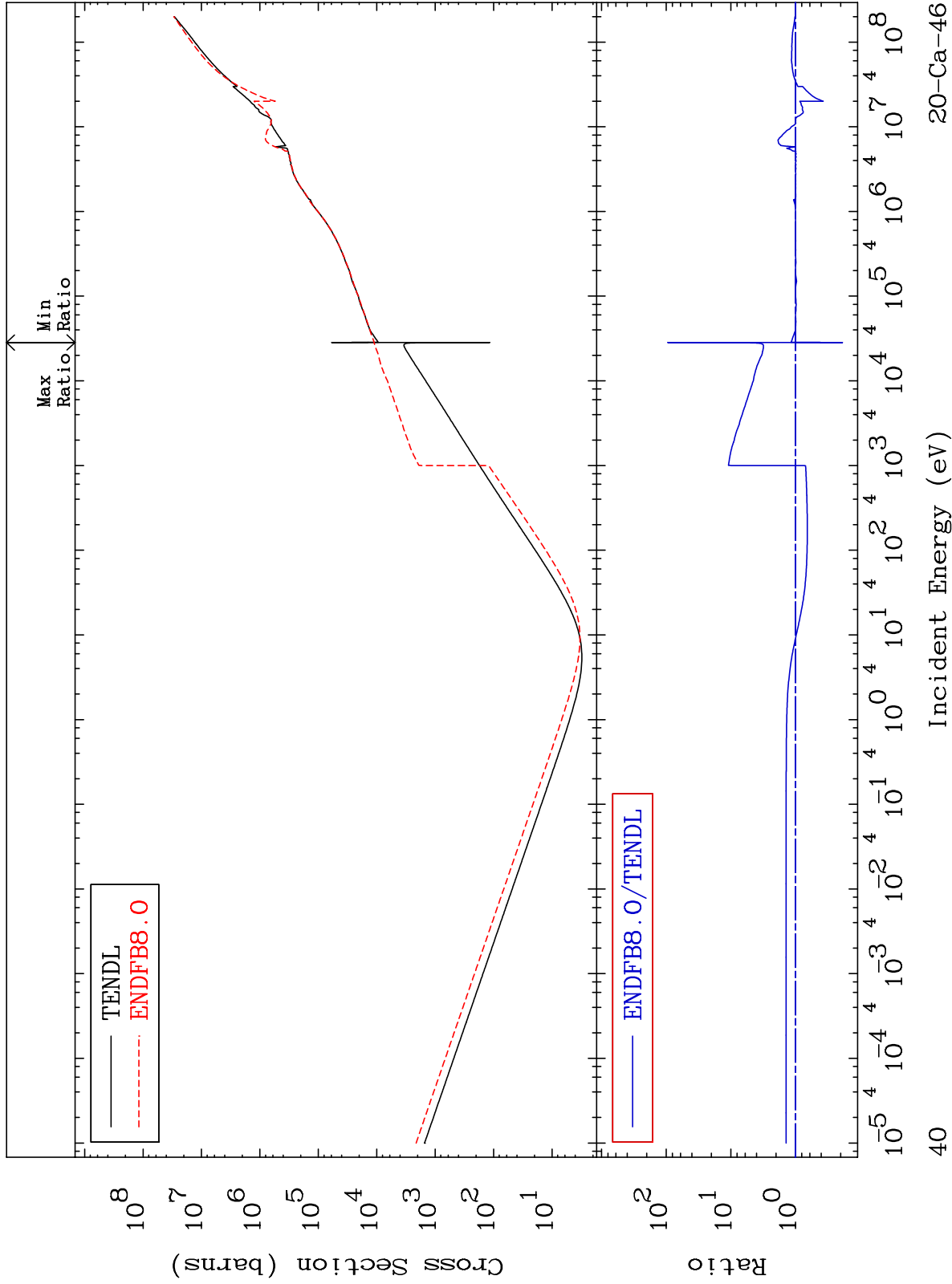
20-Ca-46
-60.04 To 29.20 %



MAT 2043

Kerma total (eV-barns)
Cross Section

20-Ca-46
-81.34 To 9444. %



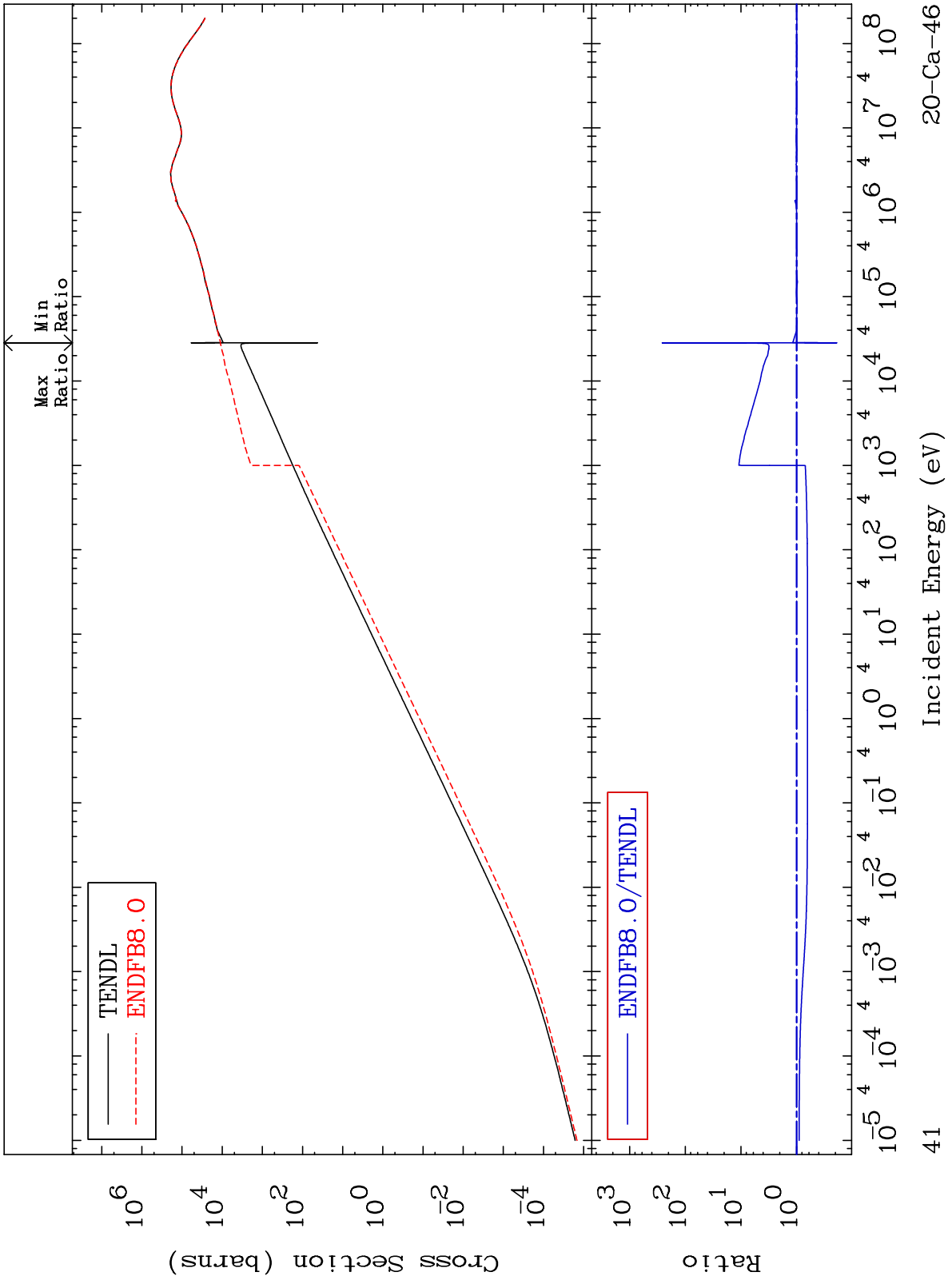
40

20-Ca-46

MAT 2043

Kerma elastic
Cross Section

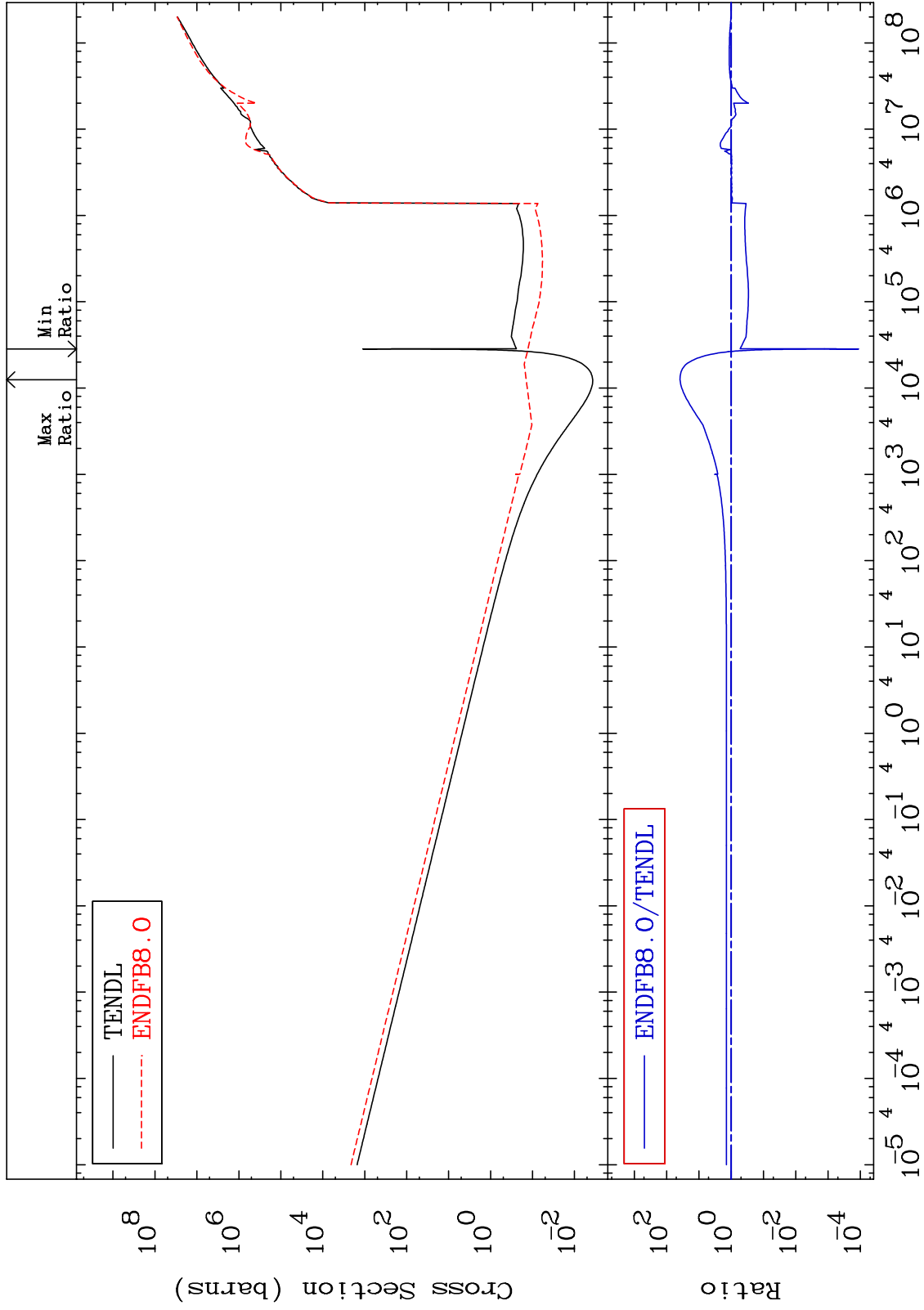
20-Ca-46
-81.01 To 9999. %



MAT 2043

Kerma non-elastic (all but mt2)
Cross Section

20-Ca-46
-99.99 To 3740. %



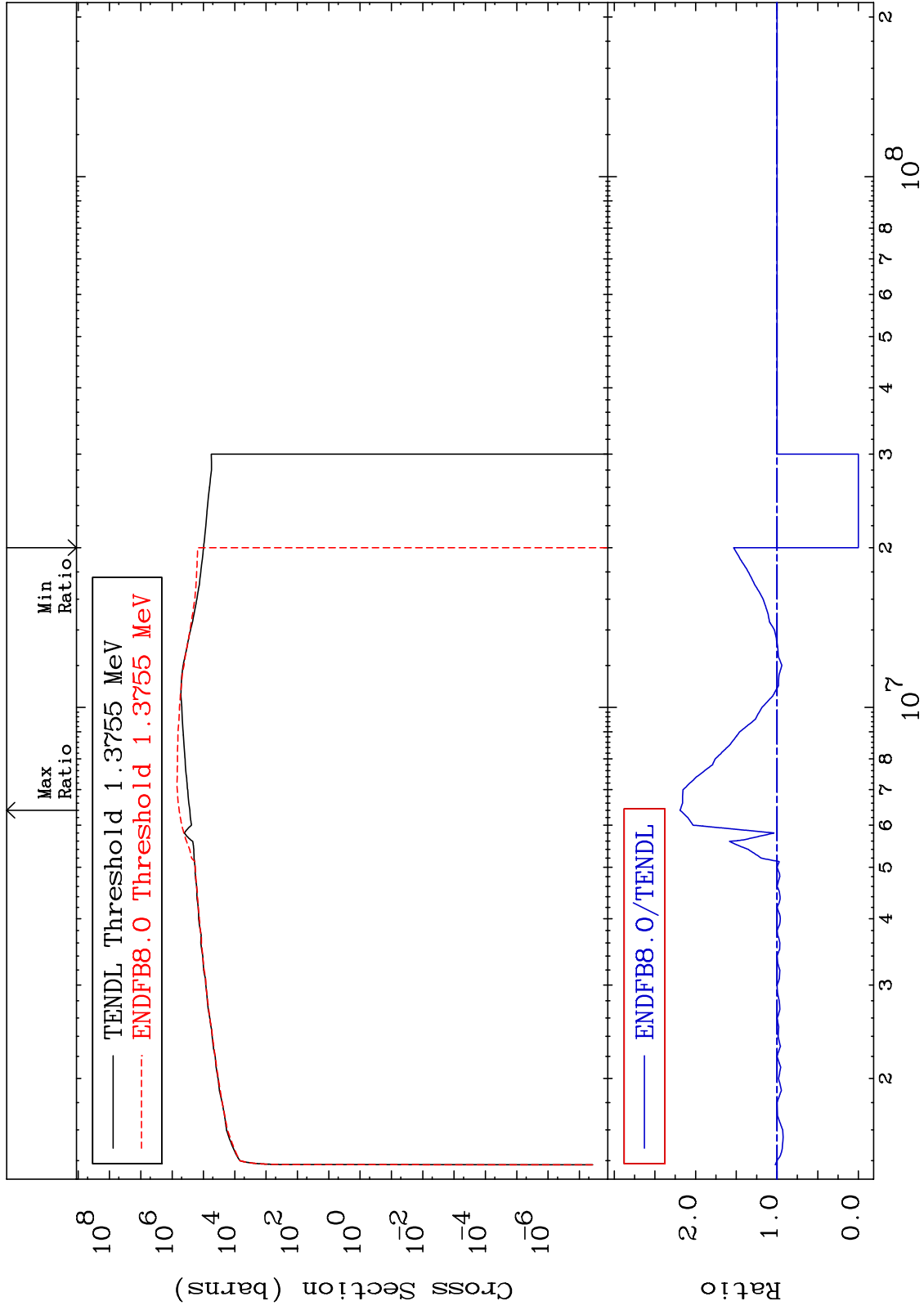
MAT 2043

Kerma inelastic (mt51-91)

20-Ca-46

-100.0 To 119.1 %

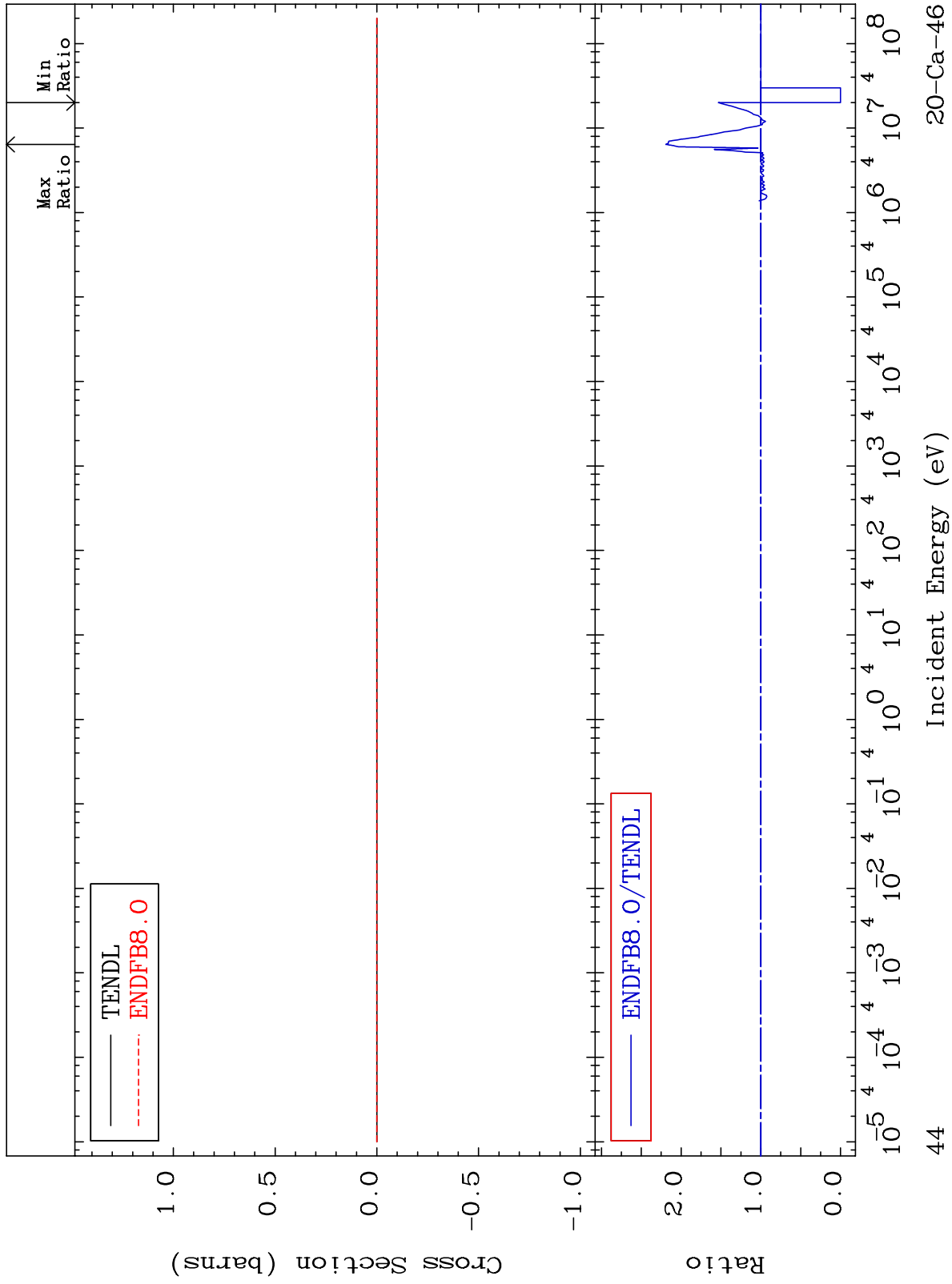
Cross Section



MAT 2043

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

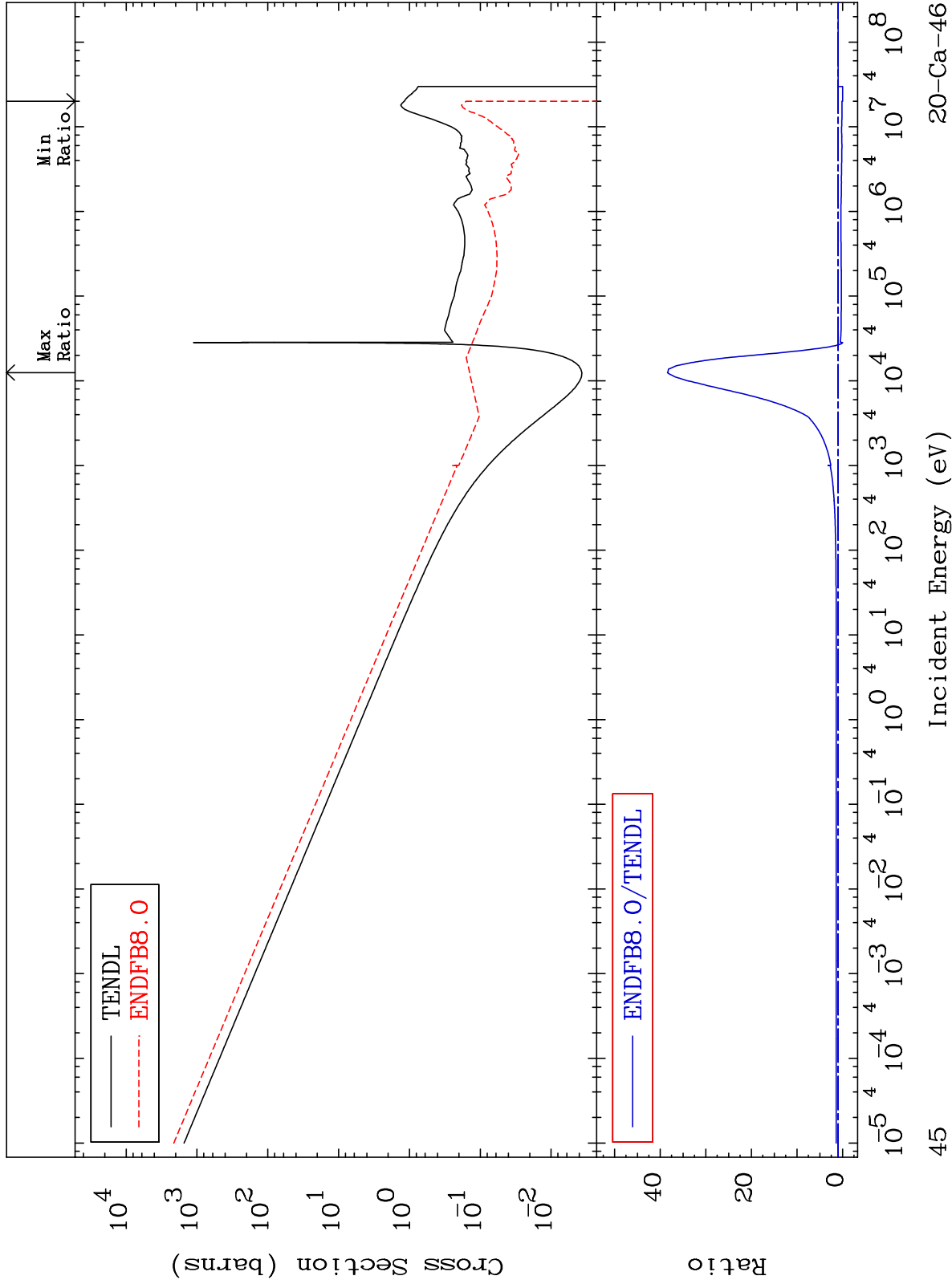
20-Ca-46
-100.0 To 119.1 %



MAT 2043

Kerma capture (mt102)
Cross Section

20-Ca-46
-100.0 To 3740. %



45

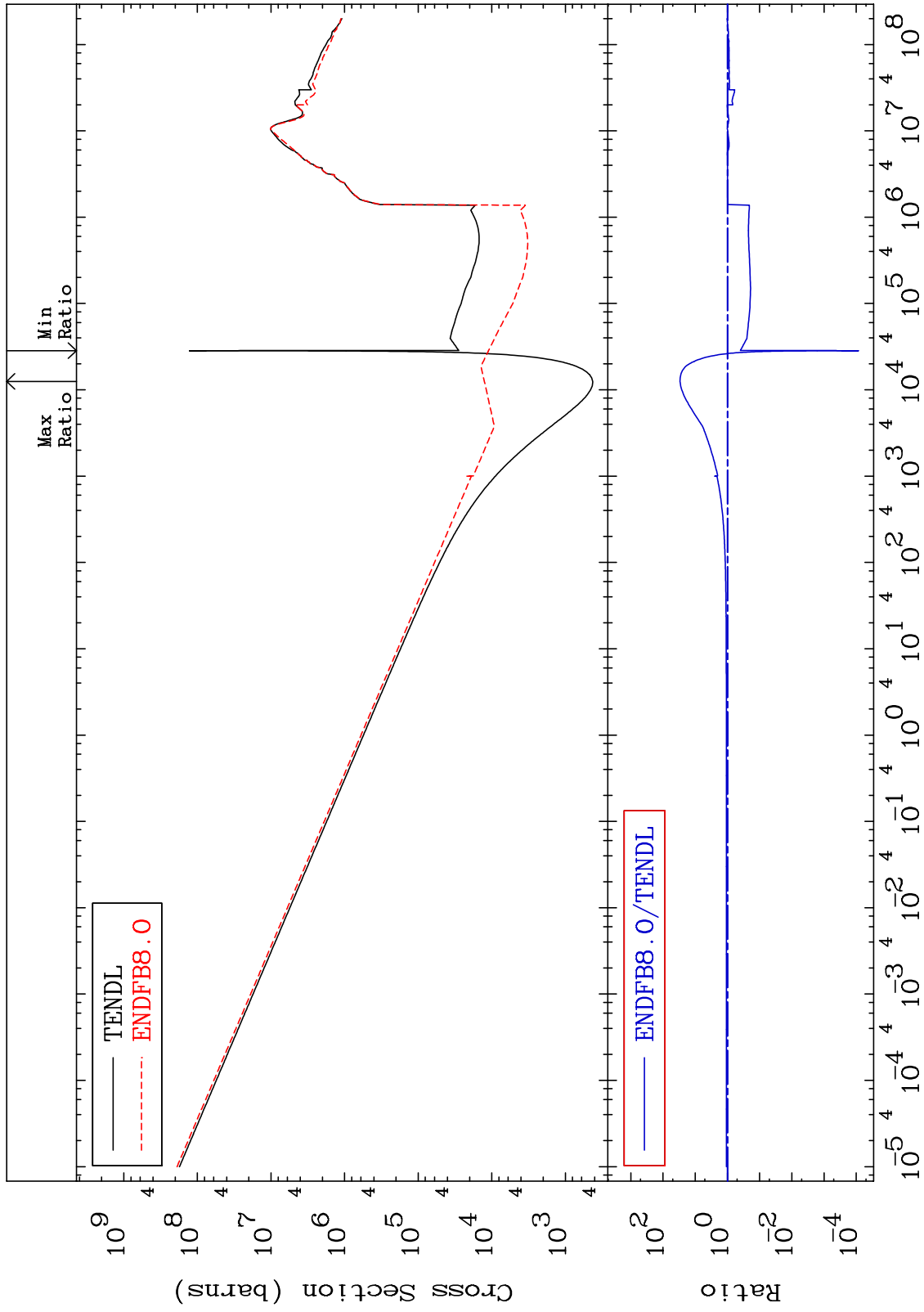
Incident Energy (eV)

20-Ca-46

MAT 2043

Total photon (eV-barns)
Cross Section

20-Ca-46
-99.99 To 2860. %



46

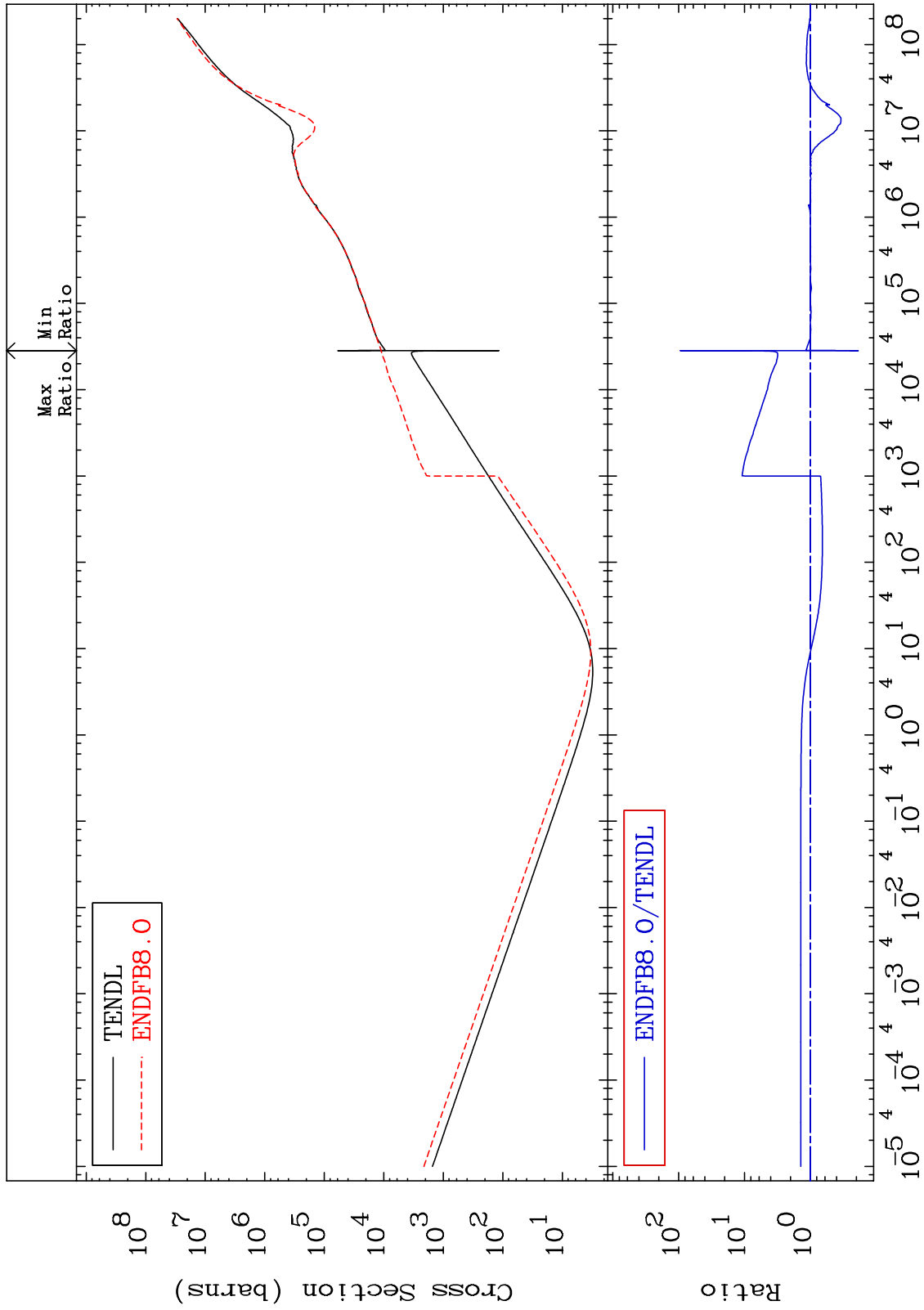
Incident Energy (eV)

20-Ca-46

MAT 2043

Total kinematic kerma (high limit)
Cross Section

20-Ca-46
-81.34 To 9444. %



47

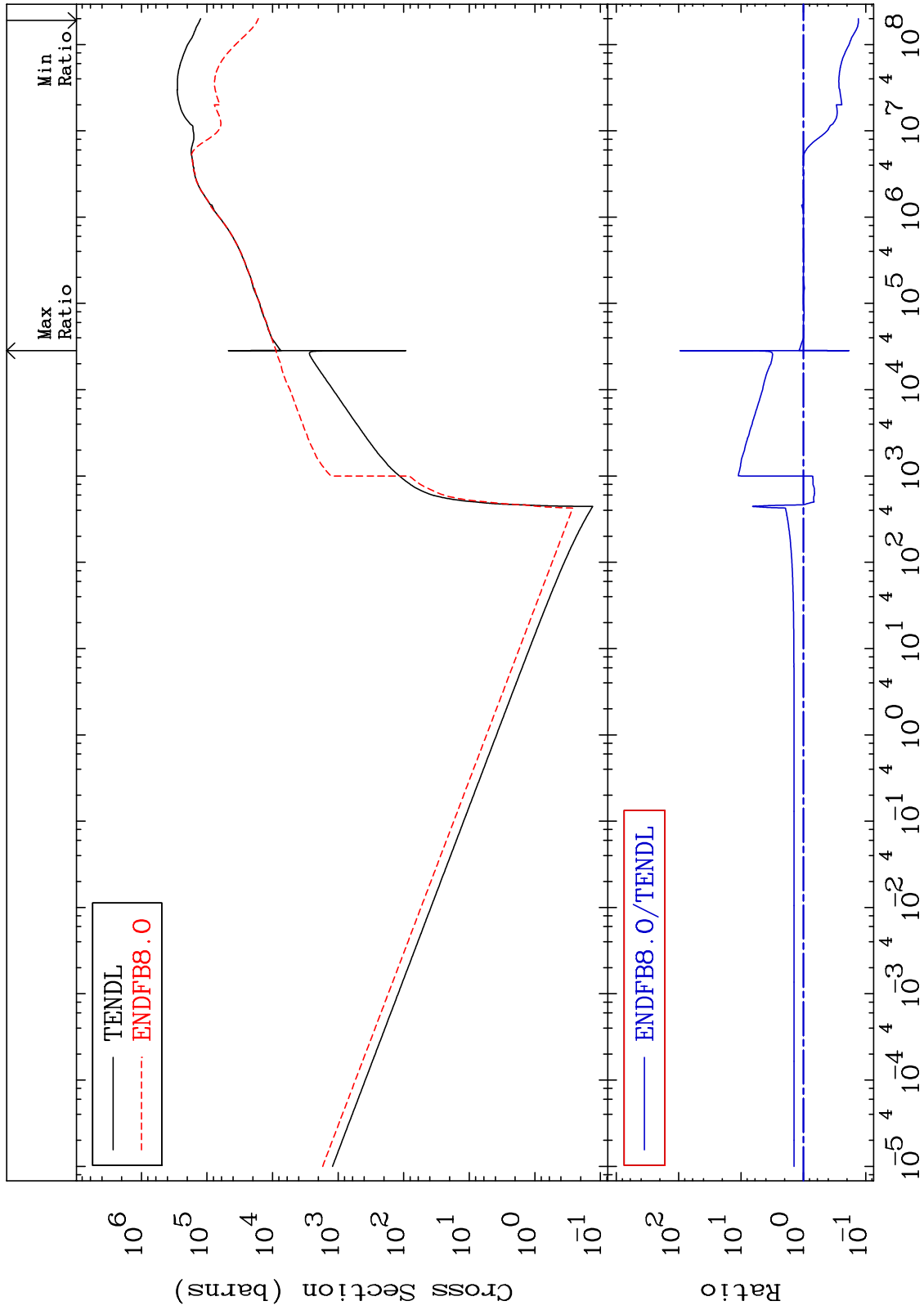
Incident Energy (eV)

20-Ca-46

MAT 2043

Dpa total (eV-barns)
Cross Section

20-Ca-46
-86.84 To 9424. %



48

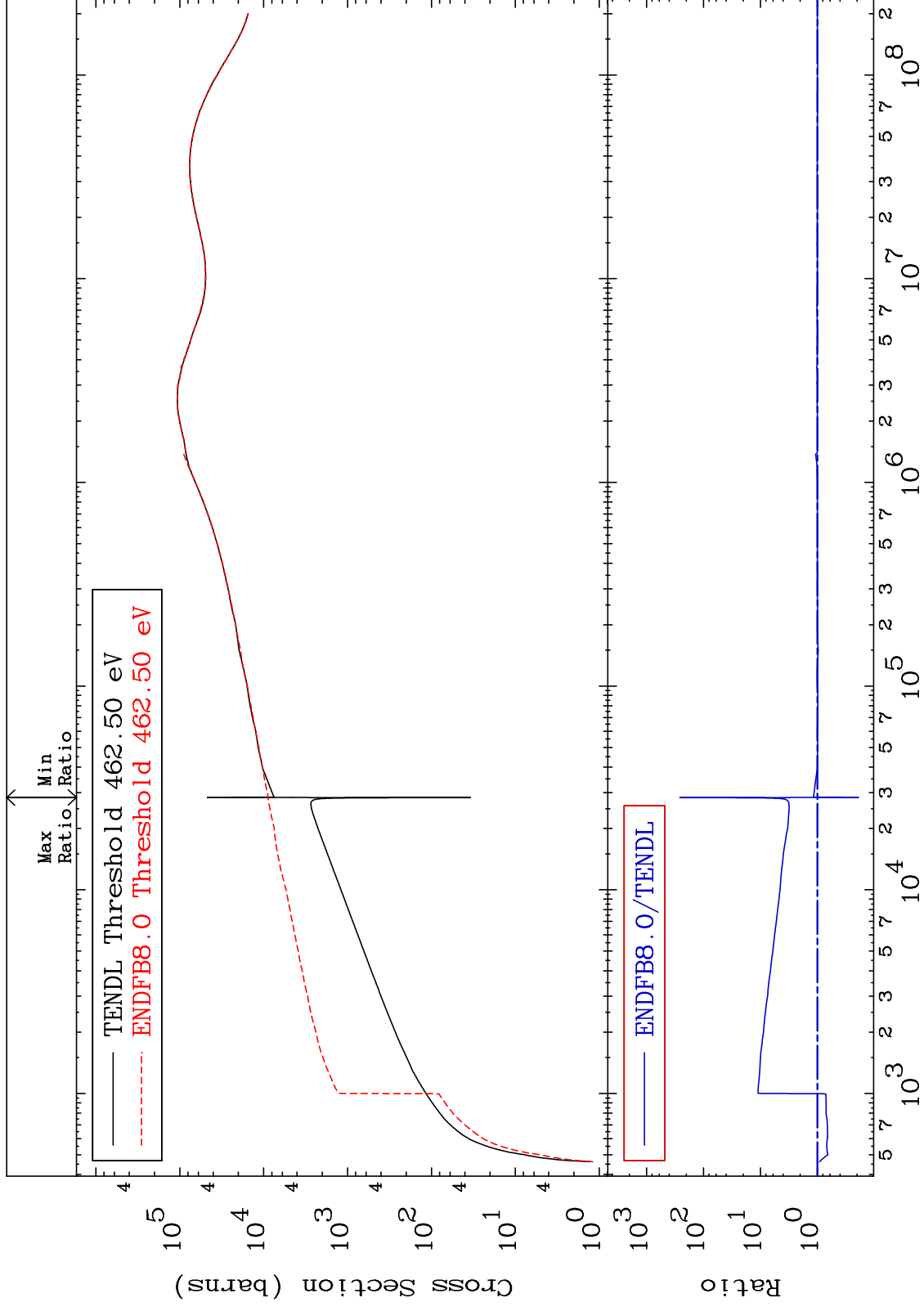
Incident Energy (eV)

20-Ca-46

MAT 2043

Dpa elastic (mt2)
Cross Section

20-Ca-46
-81.01 To 9999. %



49

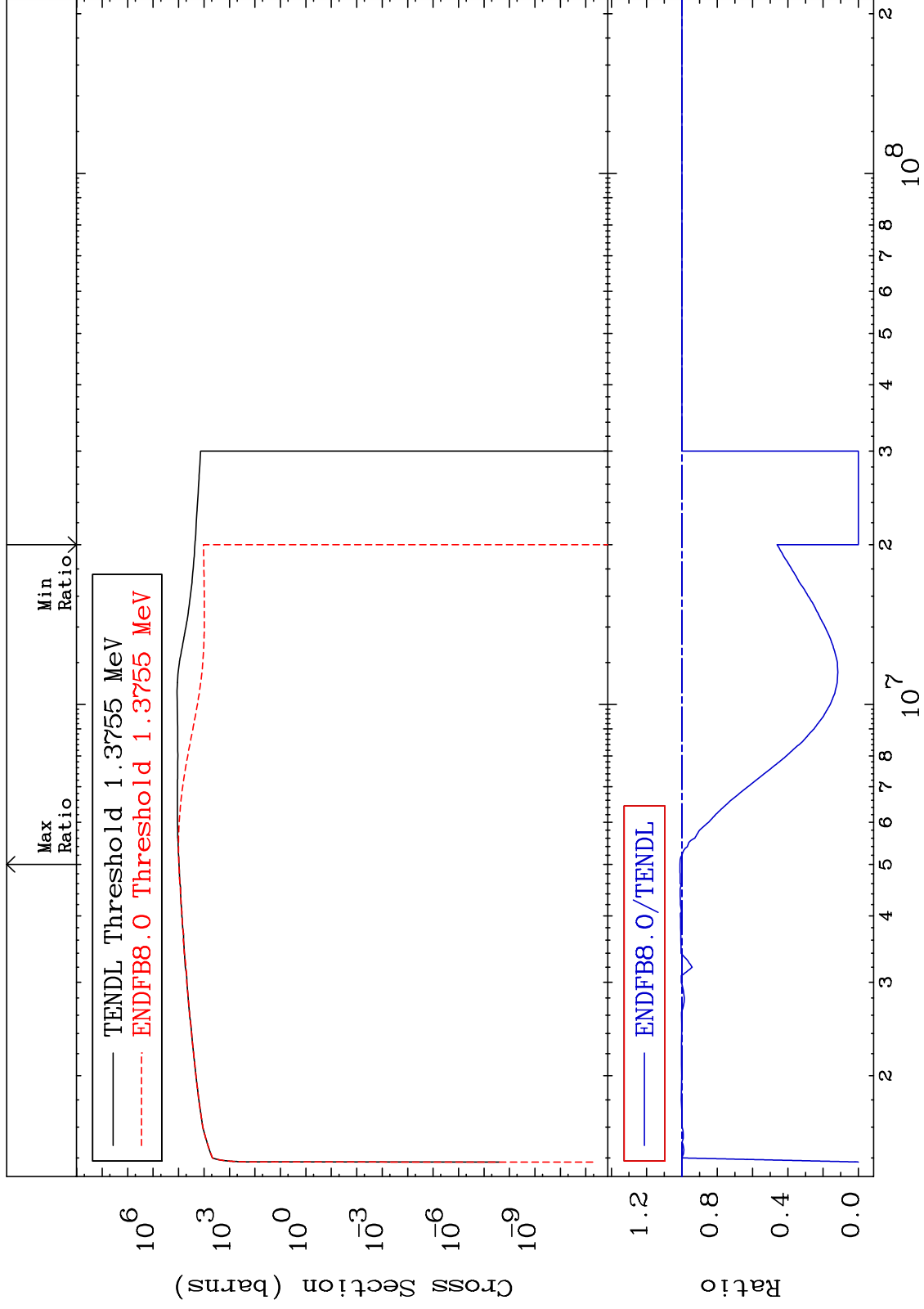
Incident Energy (eV)

20-Ca-46

MAT 2043

Dpa inelastic (mt51-91)
Cross Section

20-Ca-46
-100.0 To 1.097 %



MAT 2043

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-46
-100.0 To 3790. %

