

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

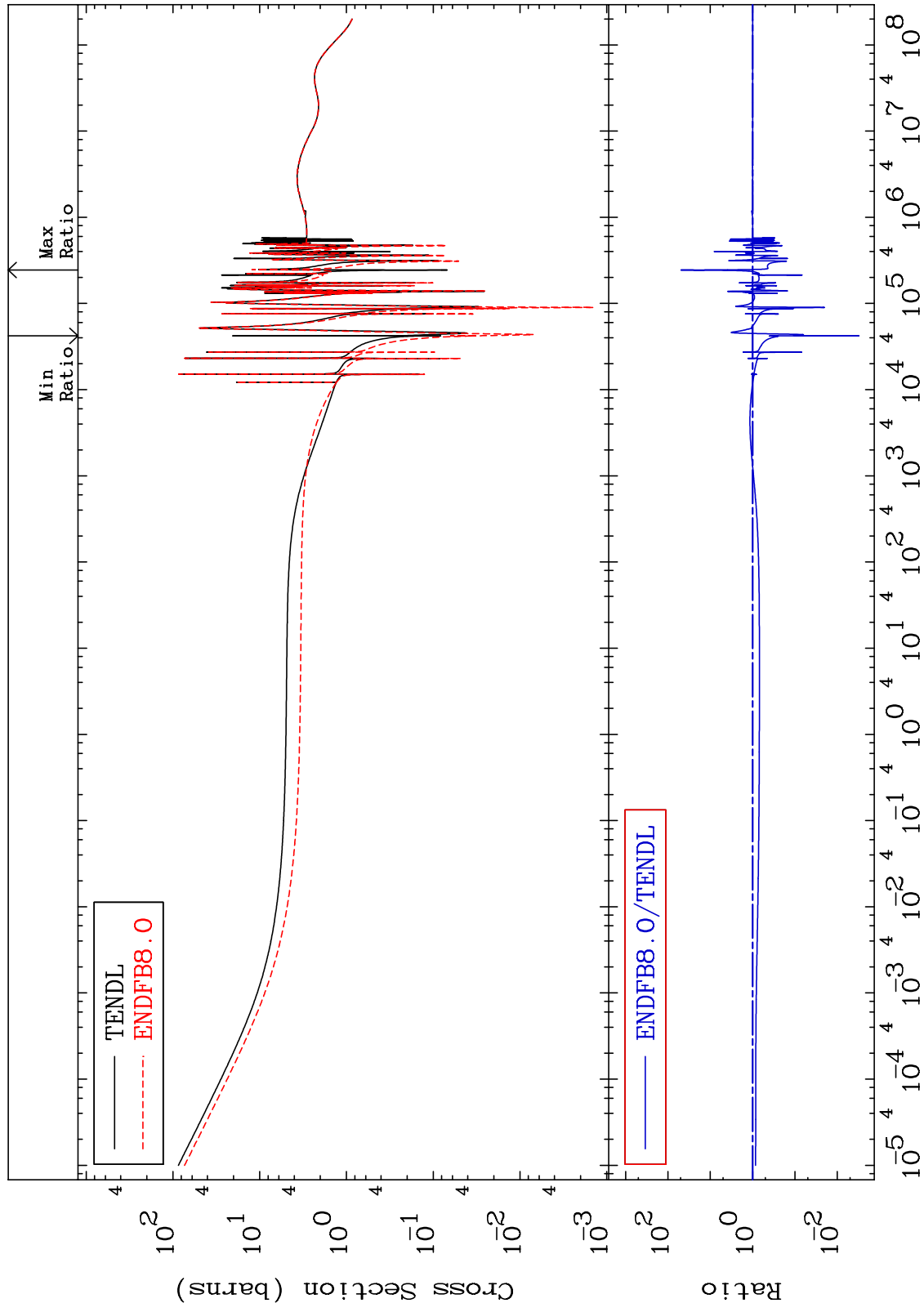
MAT 2037

Total

20-Ca-44

Cross Section

-99.69 To 4848. %



1

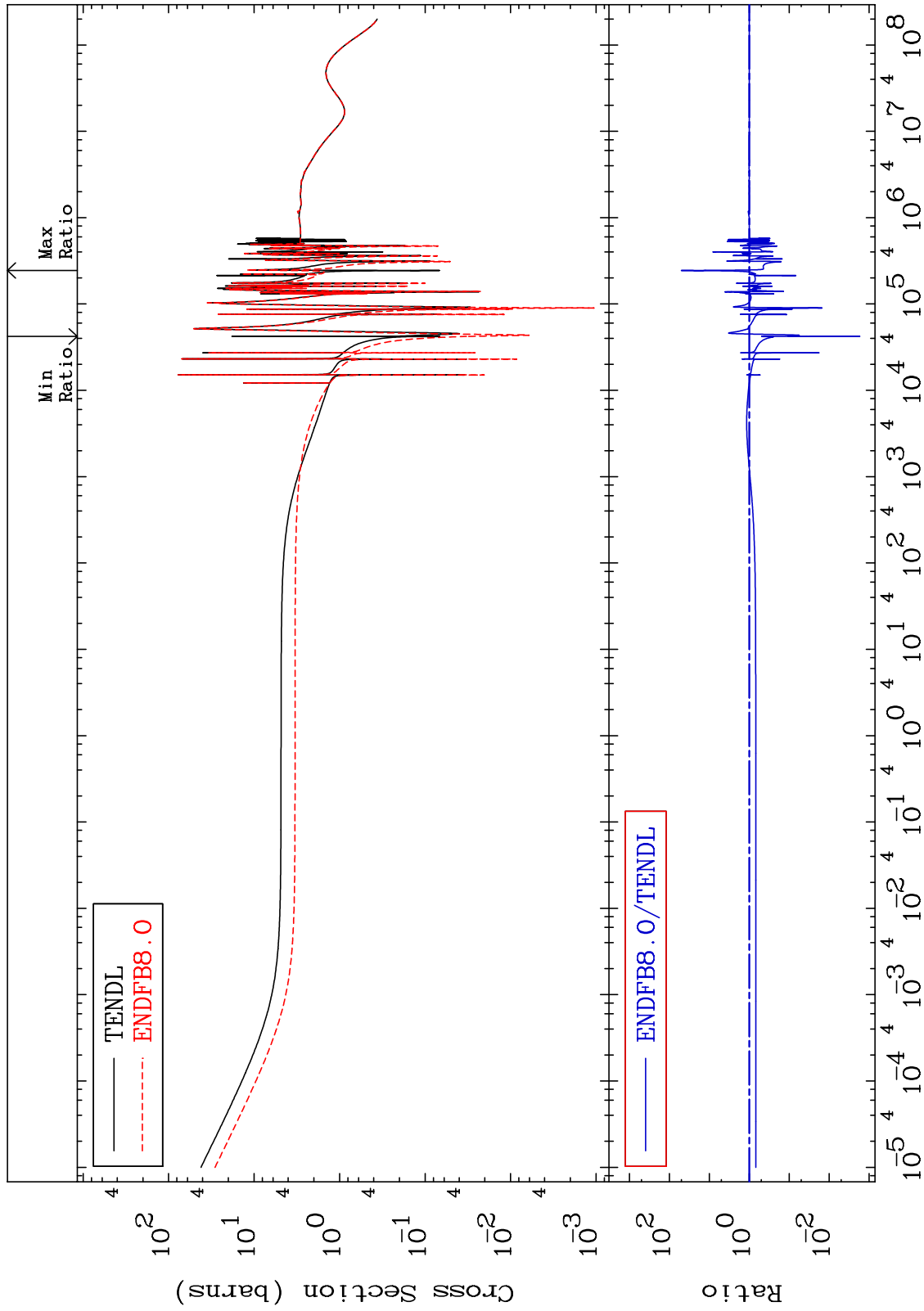
Incident Energy (eV)

20-Ca-44

MAT 2037

Elastic
Cross Section

20-Ca-44
-99.83 To 4928. %



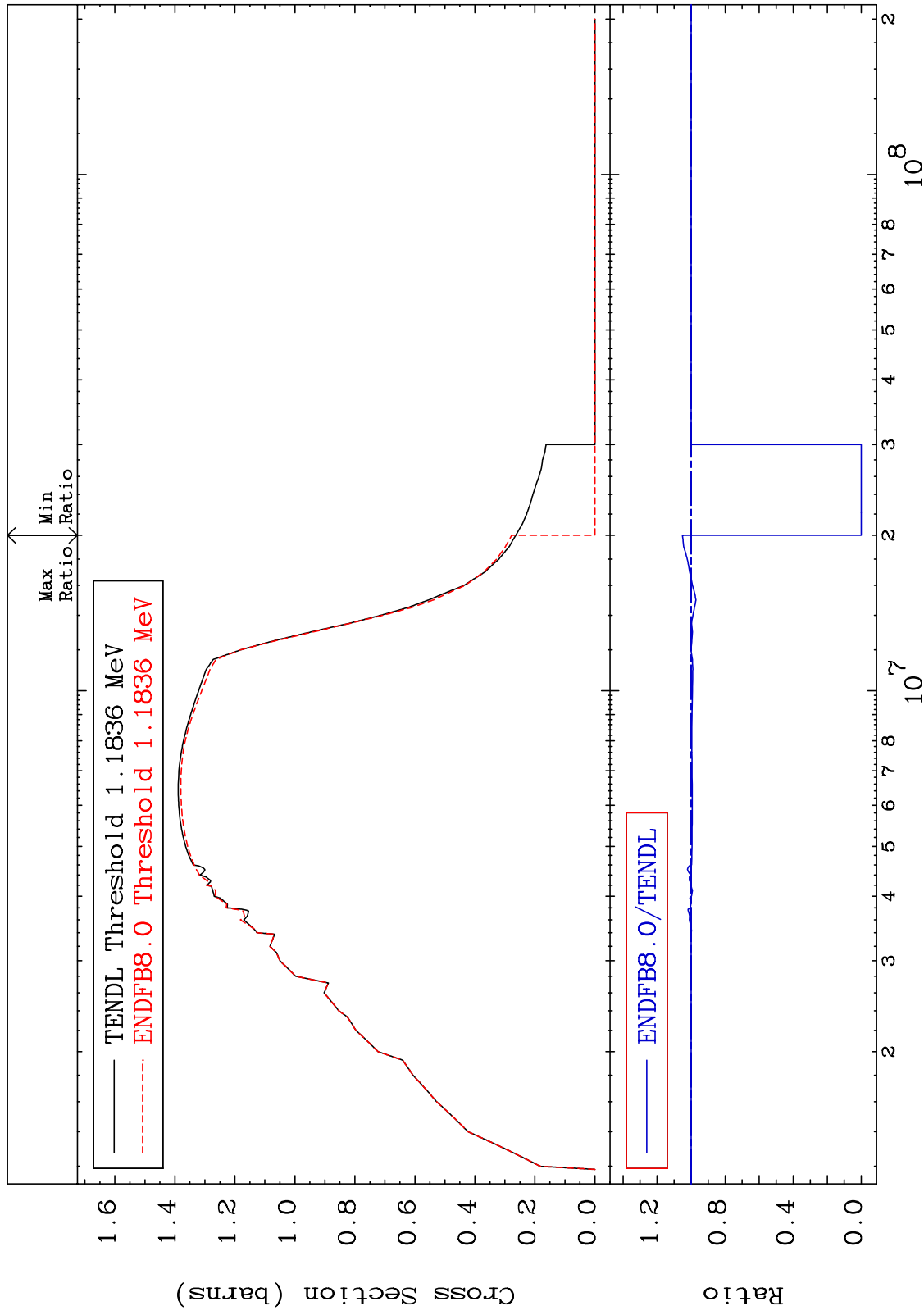
2

Incident Energy (eV)

20-Ca-44

MAT 2037

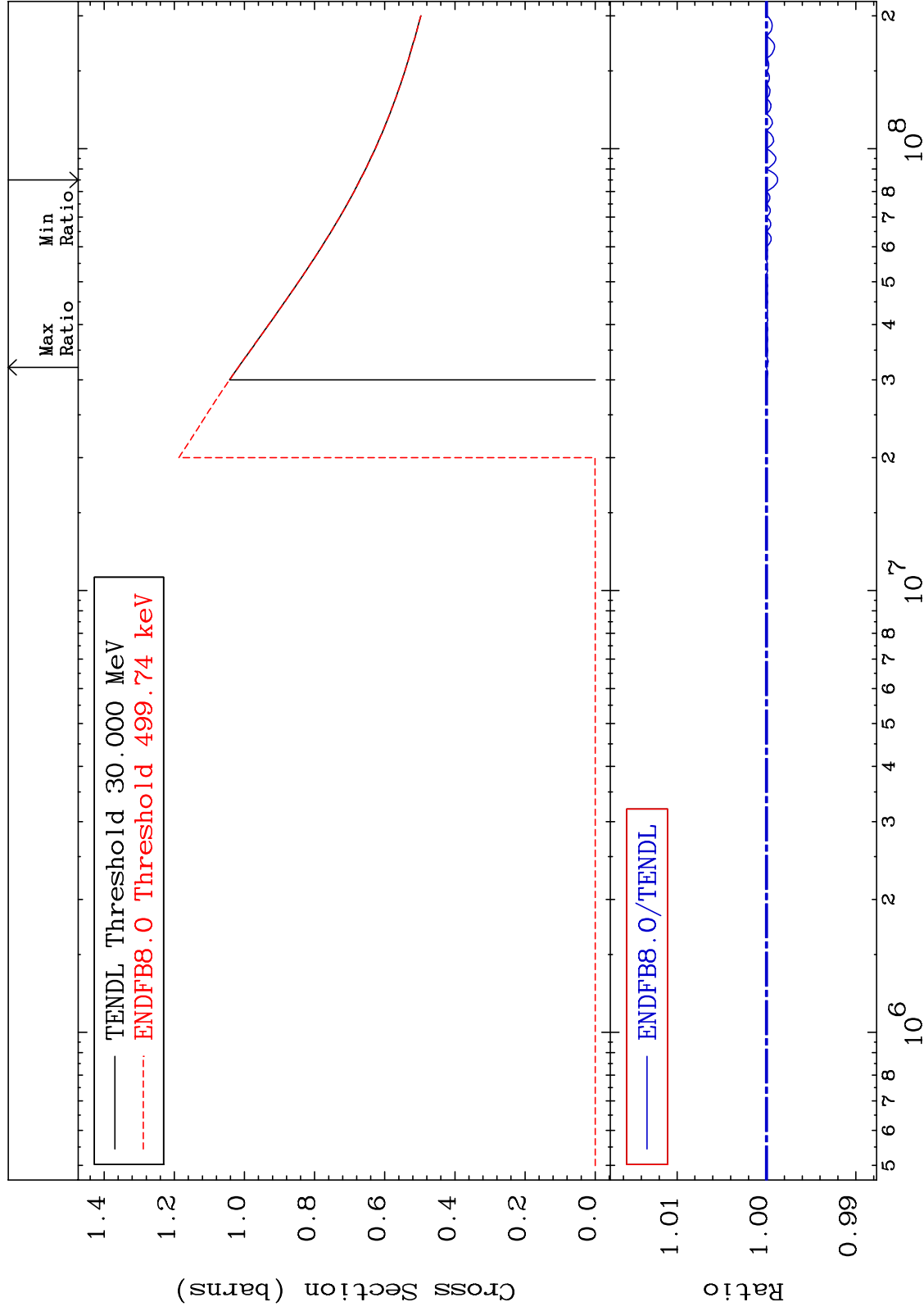
Inelastic Cross Section
-100.0 To 5.085 %
20-Ca-44



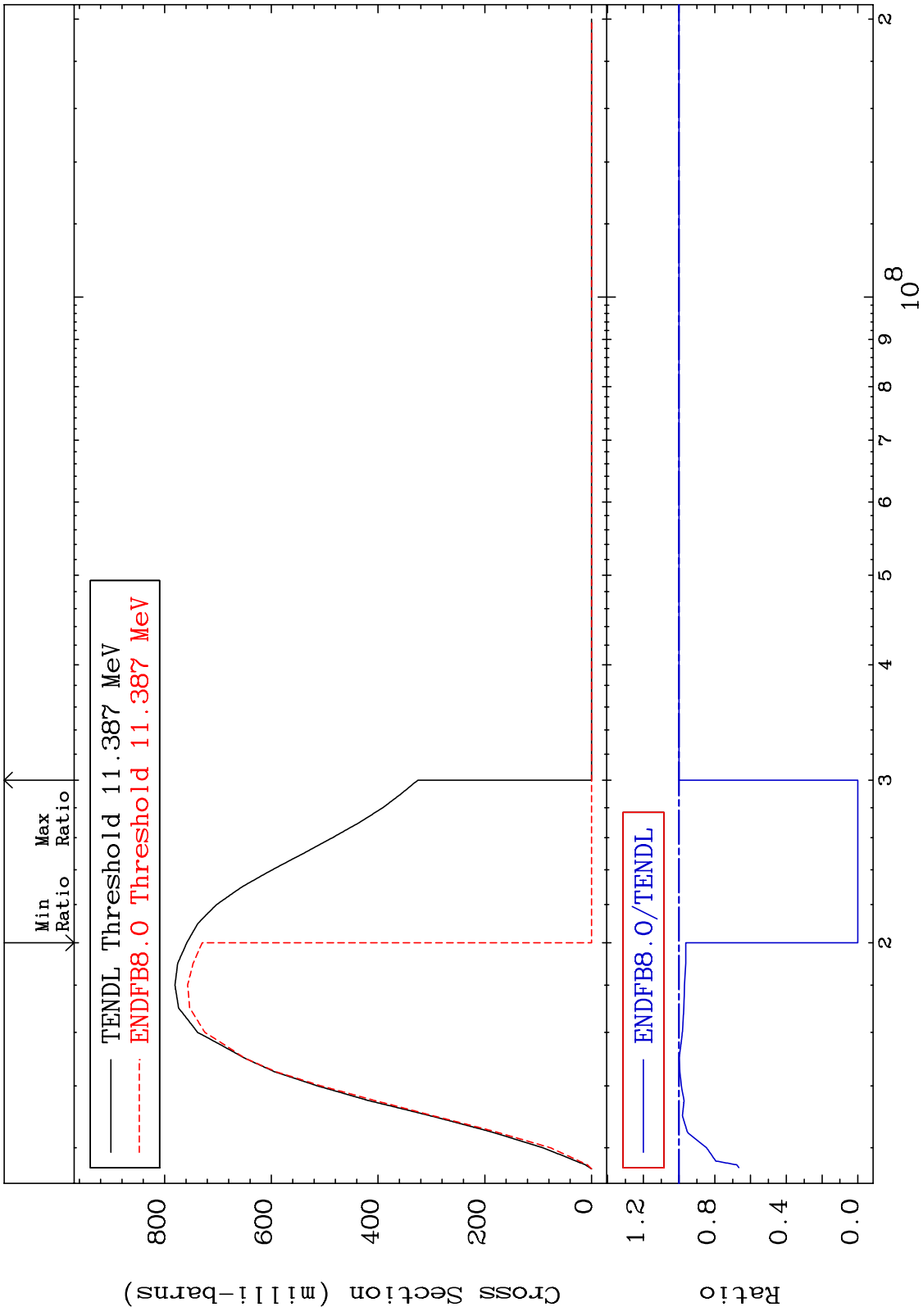
MAT 2037

(n, remainder)
Cross Section

20-Ca-44
-0.125 To 0.000 %

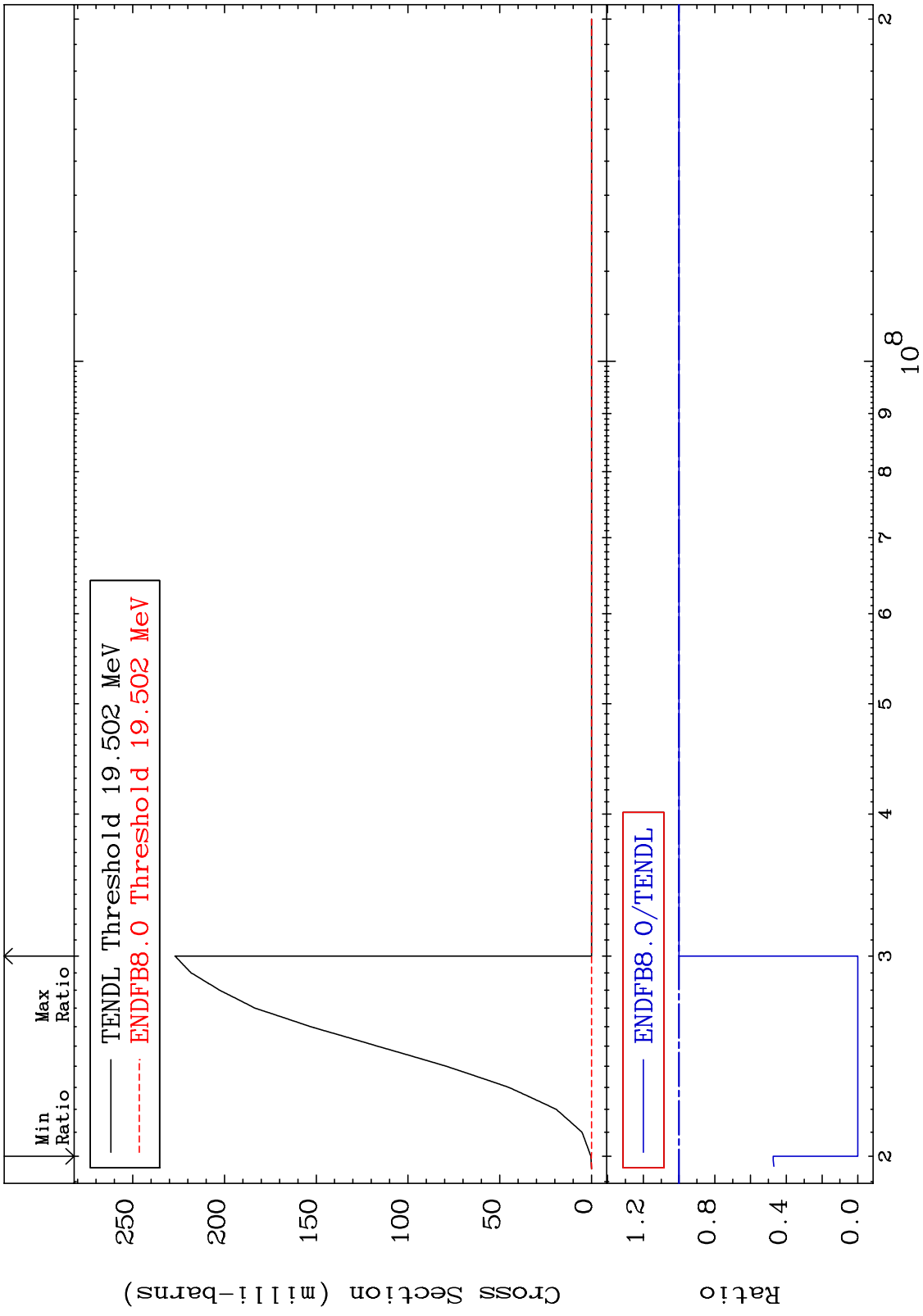


MAT 2037 (n,2n) Cross Section 20-Ca-44 -100.0 To 0.000 %

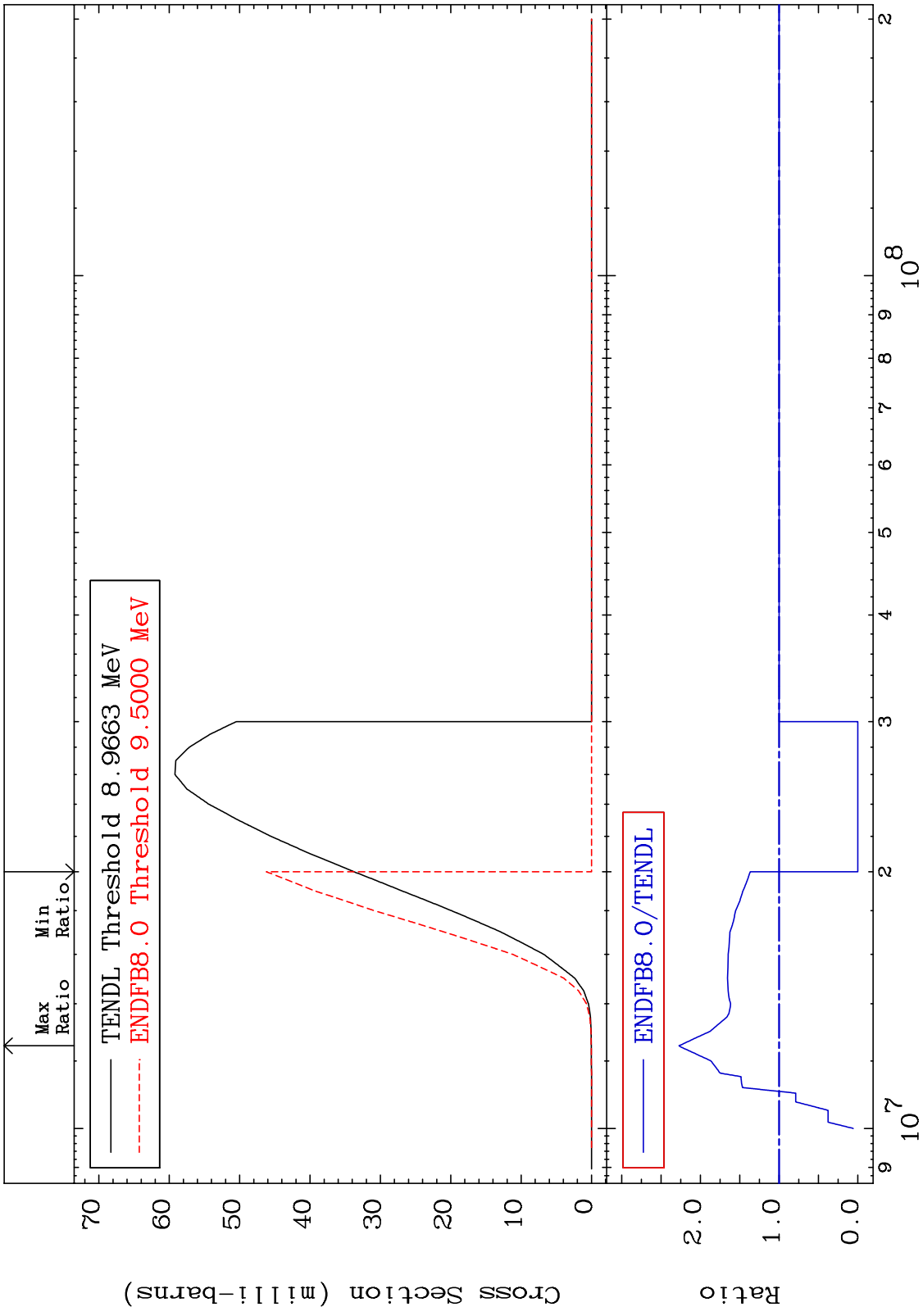


Incident Energy (eV) 20-Ca-44

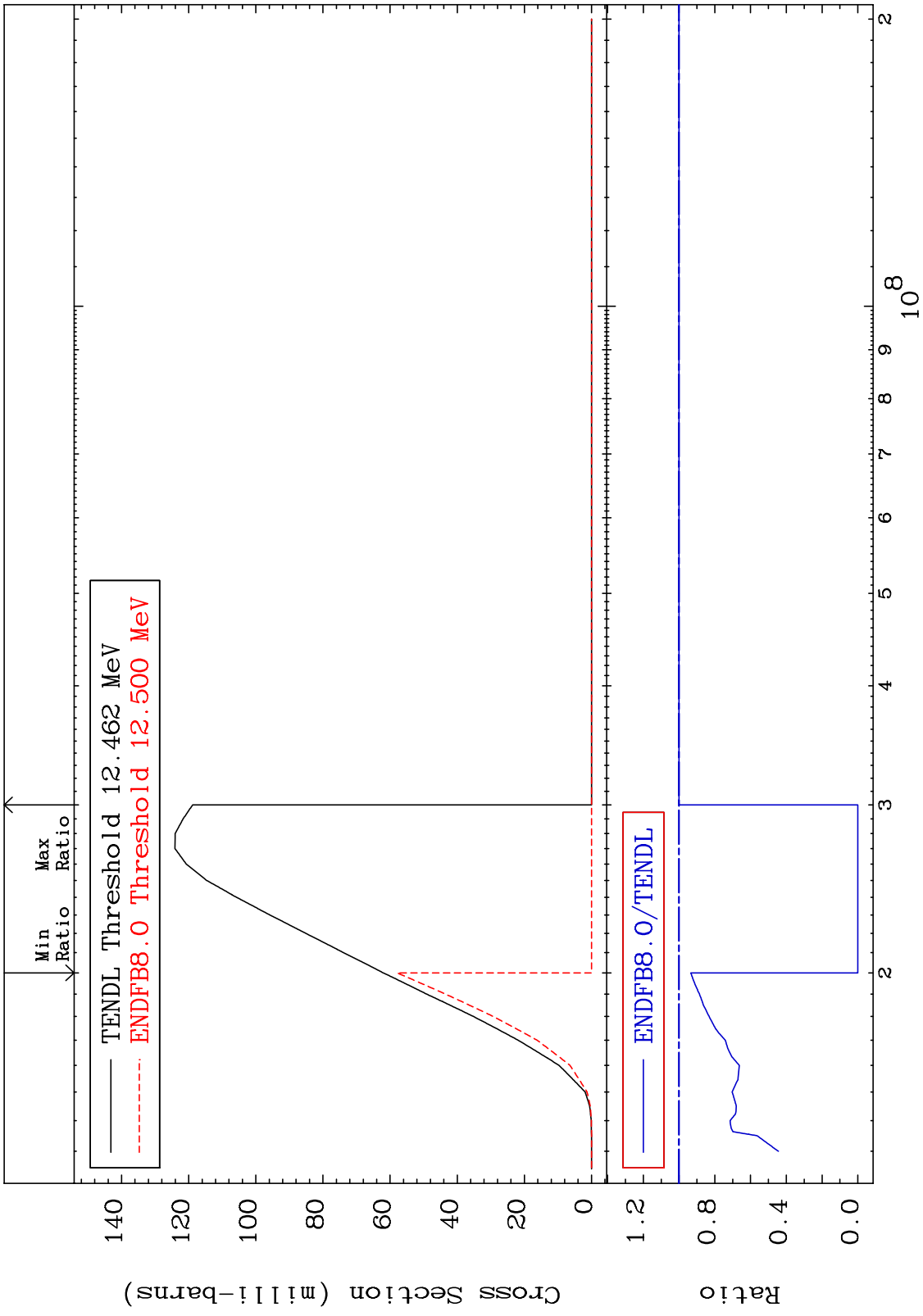
MAT 2037 (n,3n) 20-Ca-44
 Cross Section -100.0 To 0.000 %



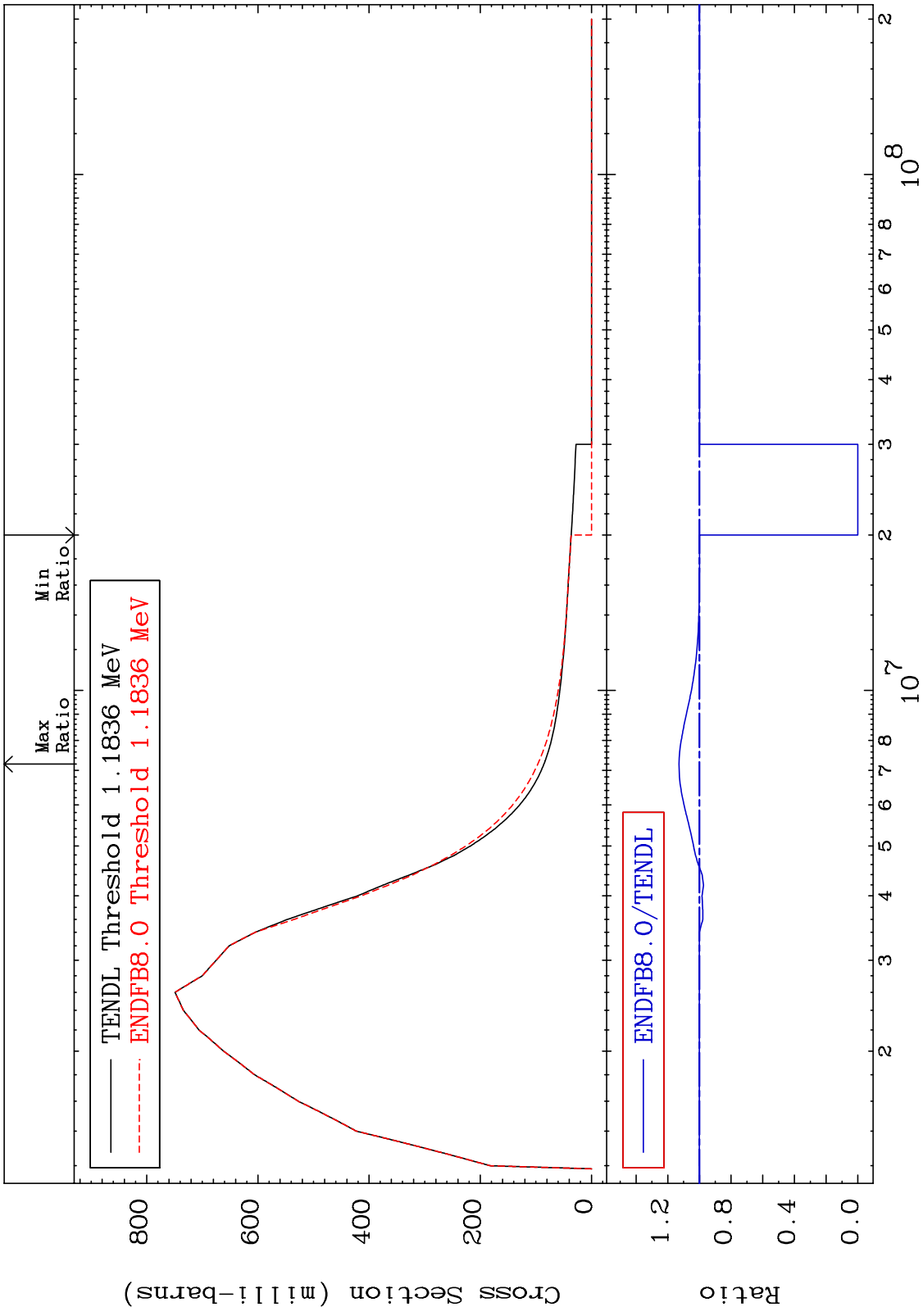
MAT 2037 $(n, n') \alpha$ 20-Ca-44
 Cross Section -100.0 To 127.2 %



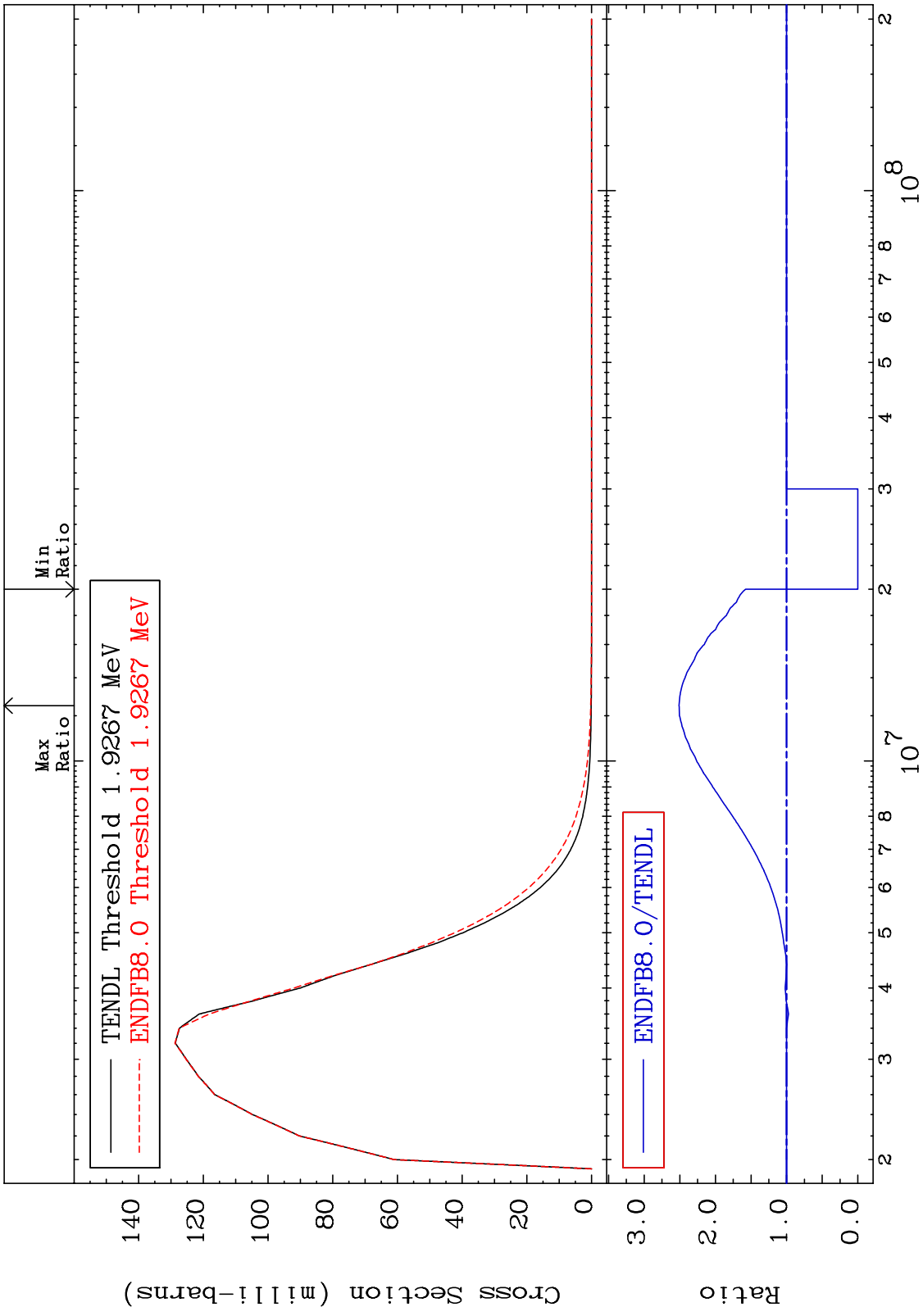
Incident Energy (eV) 20-Ca-44



MAT 2037 MT= 51 (n,n') Level Cross Section -100.0 To 12.87 % 20-Ca-44

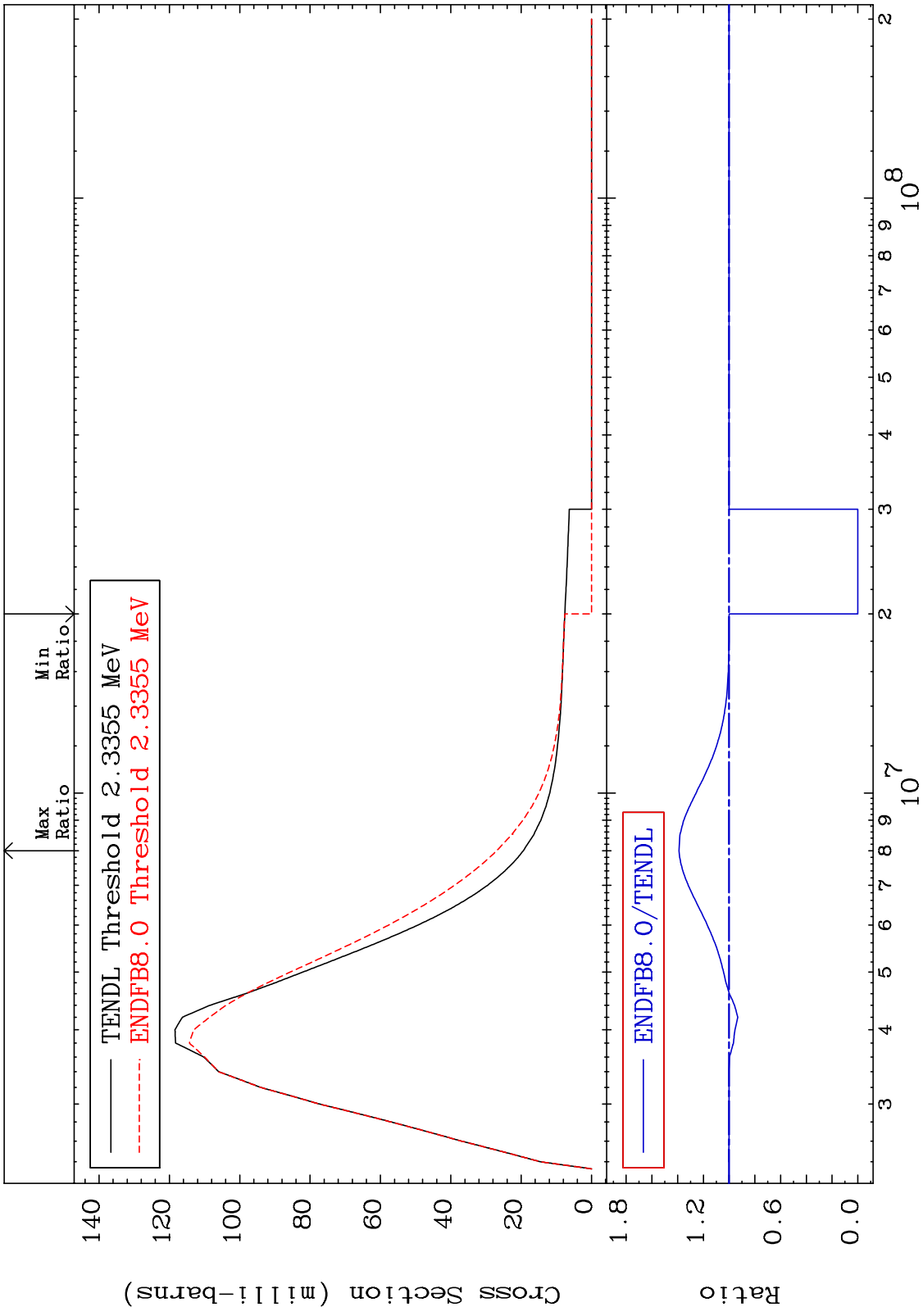


MAT 2037 MT= 52 (n,n') Level Cross Section -100.0 To 151.1 % 20-Ca-44



10 Incident Energy (eV) 20-Ca-44

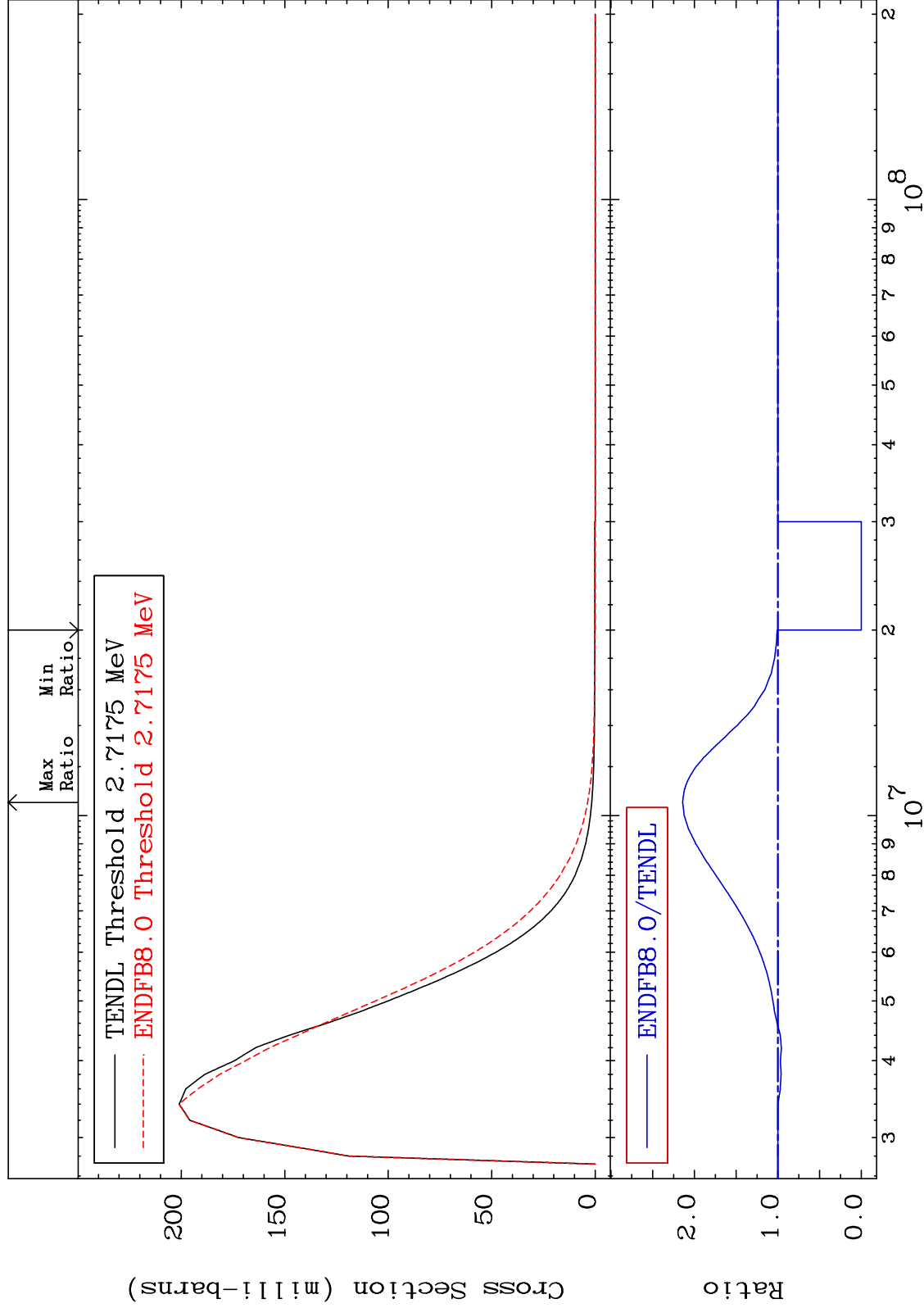
MAT 2037 MT= 53 (n,n') Level Cross Section -100.0 To 38.92 % 20-Ca-44



MAT 2037

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

20-Ca-44
-100.0 To 114.1 %

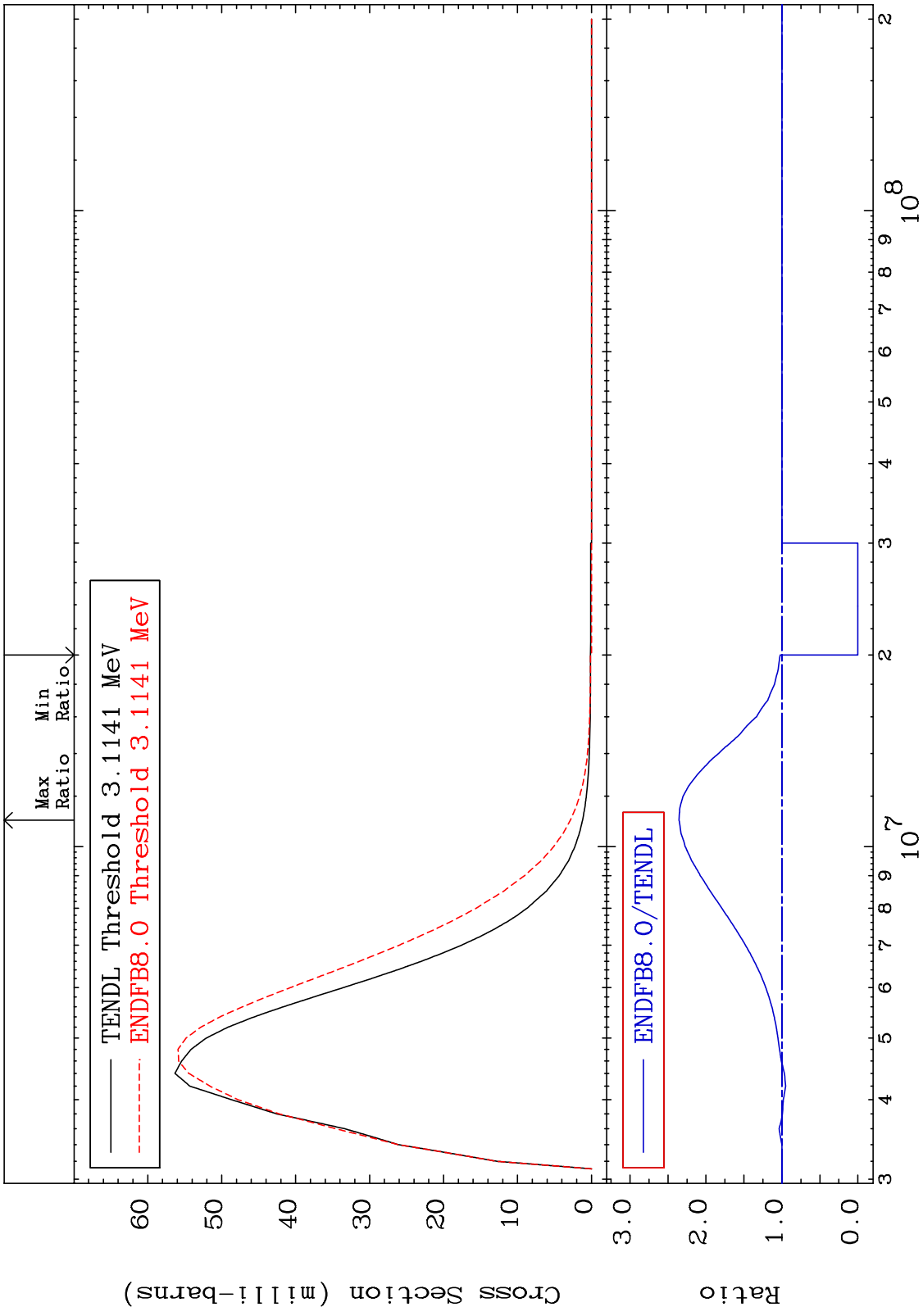


12

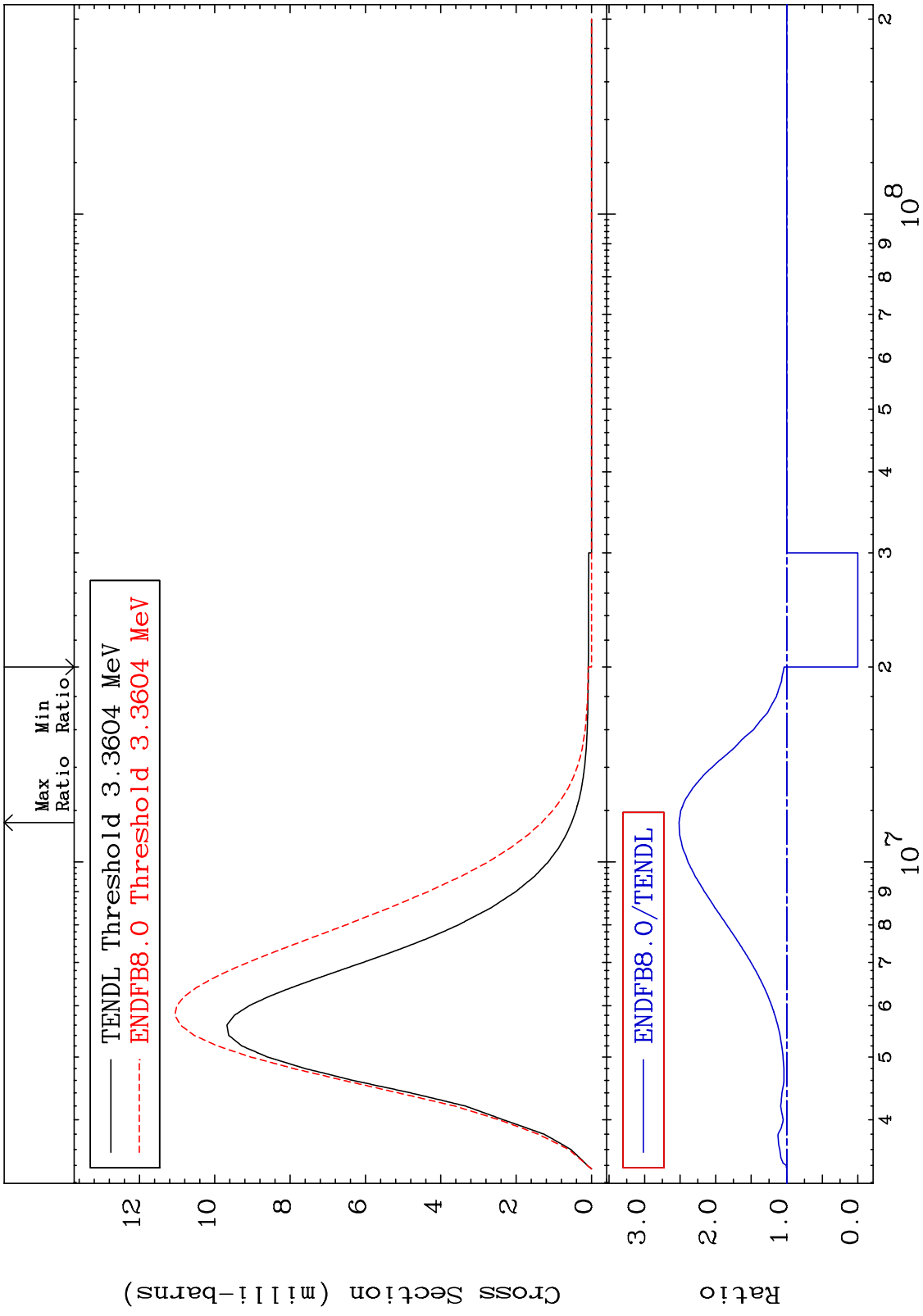
Incident Energy (eV)

20-Ca-44

MAT 2037 MT= 55 (n,n') Level Cross Section -100.0 To 135.4 % 20-Ca-44

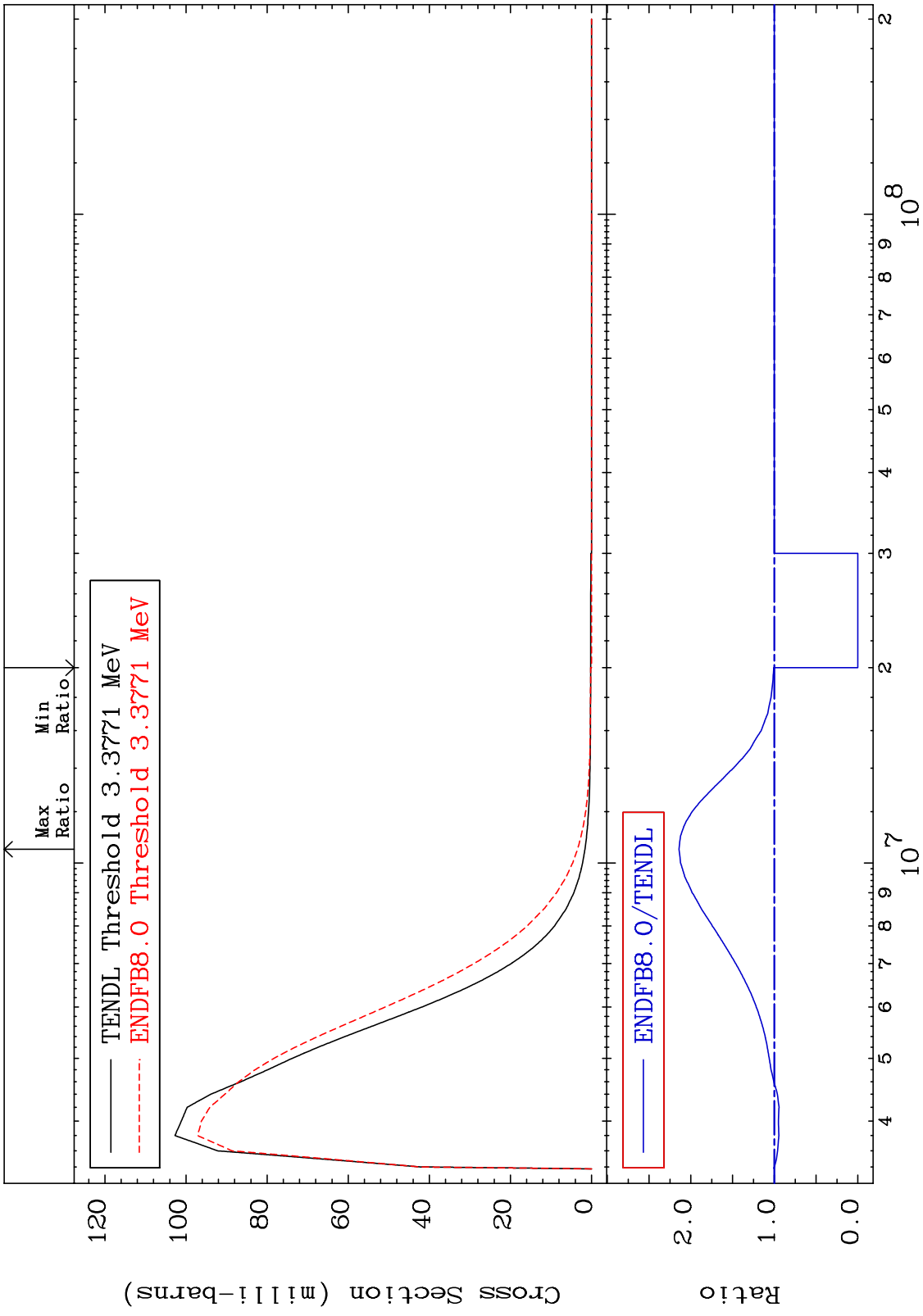


MAT 2037 MT= 56 (n,n') Level Cross Section -100.0 To 151.5 % 20-Ca-44

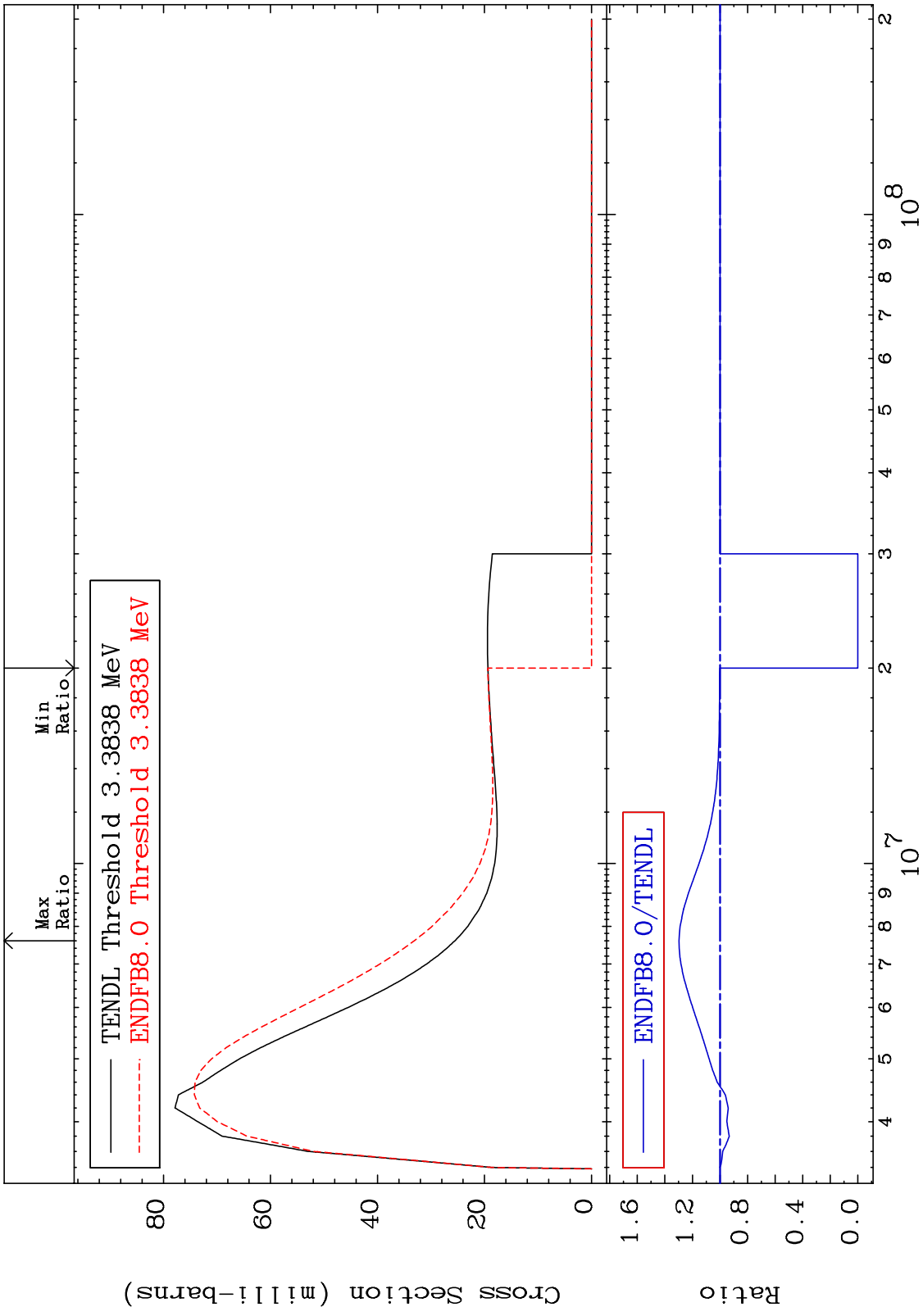


14 Incident Energy (eV) 20-Ca-44

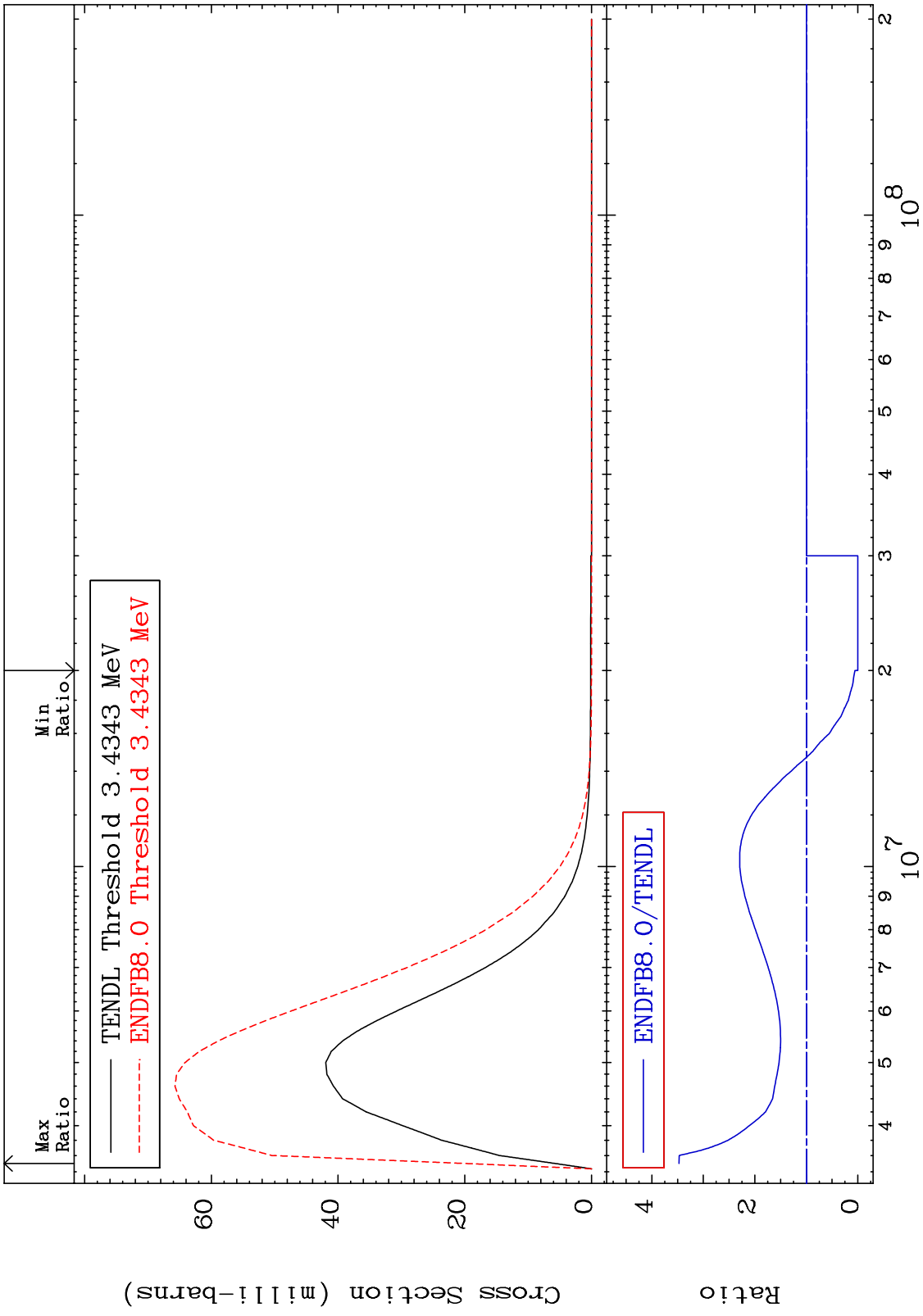
MAT 2037 MT= 57 (n,n') Level Cross Section -100.0 To 114.1 % 20-Ca-44



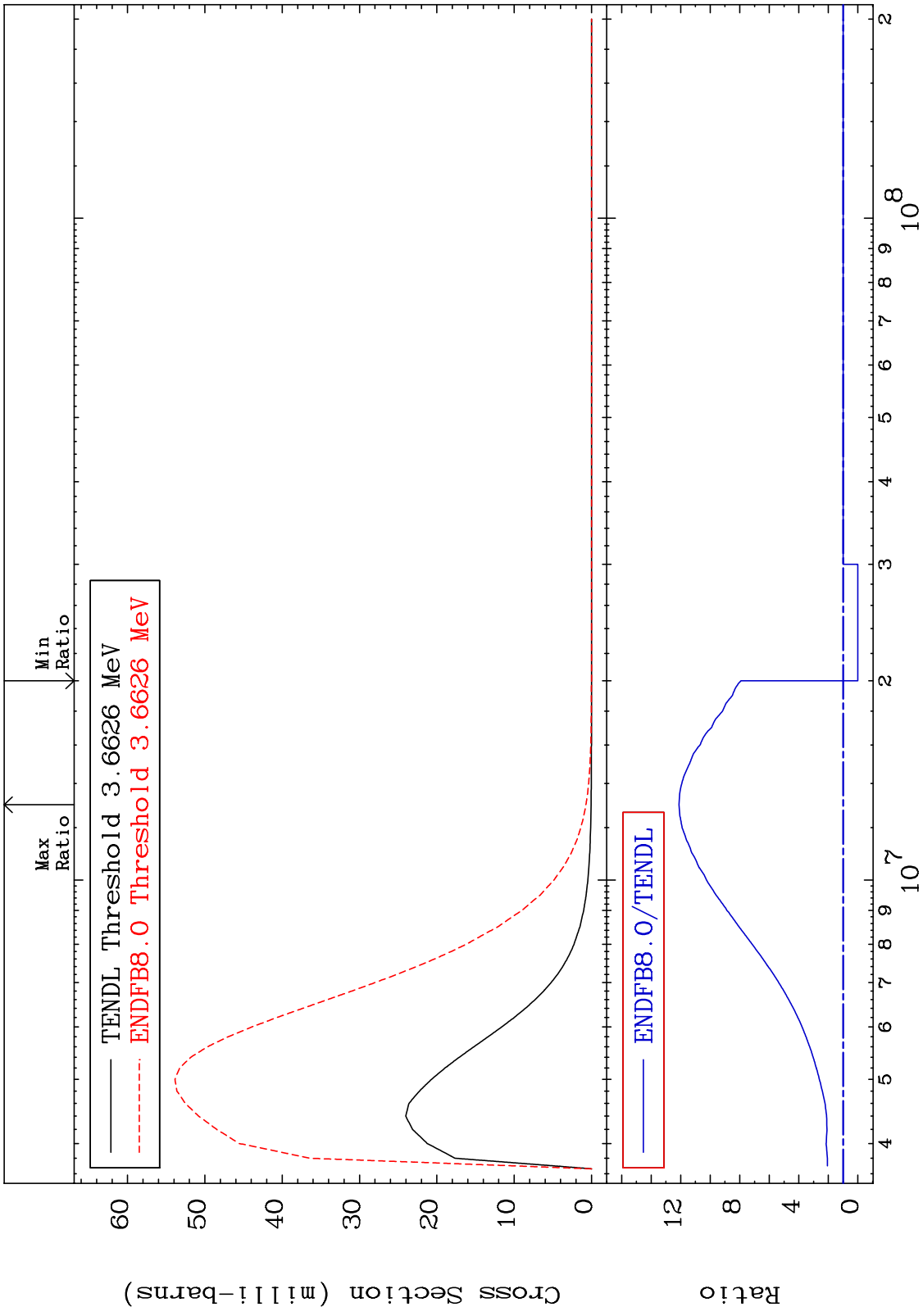
MAT 2037 MT= 58 (n,n') Level Cross Section -100.0 To 29.71 % 20-Ca-44



MAT 2037 MT= 59 (n,n') Level Cross Section -100.0 To 247.2 % 20-Ca-44



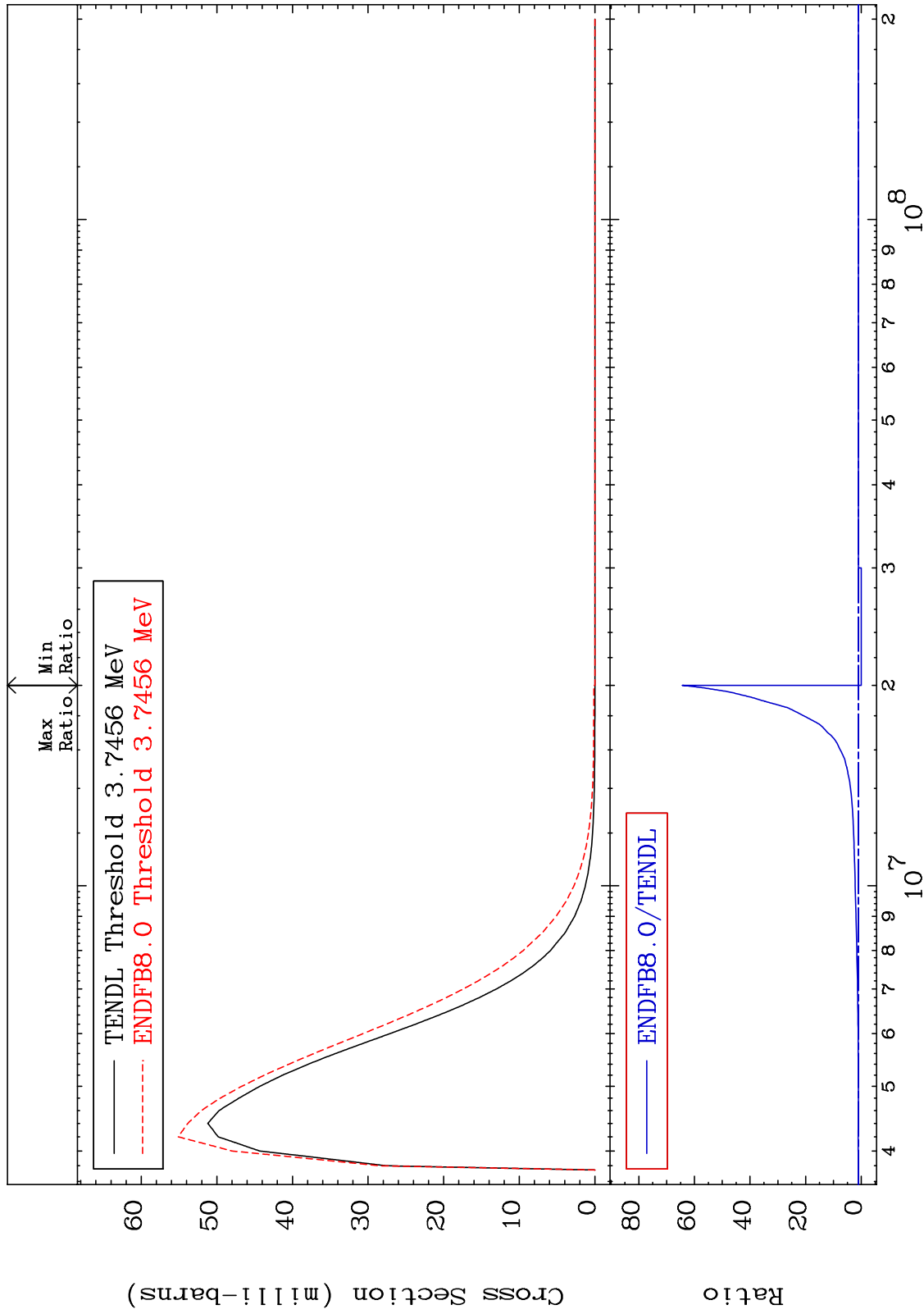
MAT 2037 MT= 60 (n,n') Level 20-Ca-44
 Cross Section -100.0 To 1111. %



MAT 2037

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

20-Ca-44
-100.0 To 6331. %



19

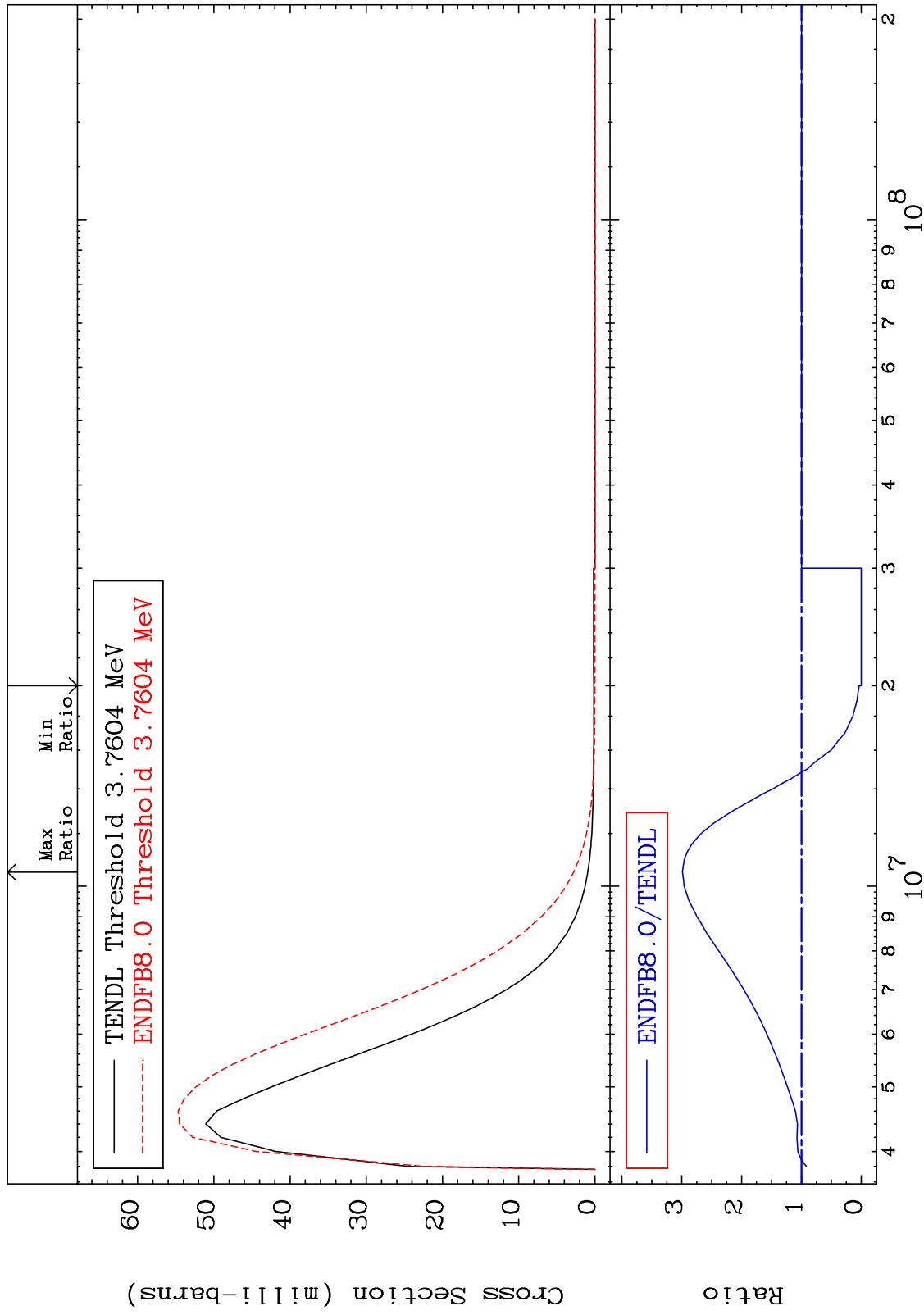
Incident Energy (eV)

20-Ca-44

MAT 2037

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

20-Ca-44
-100.0 To 198.8 %

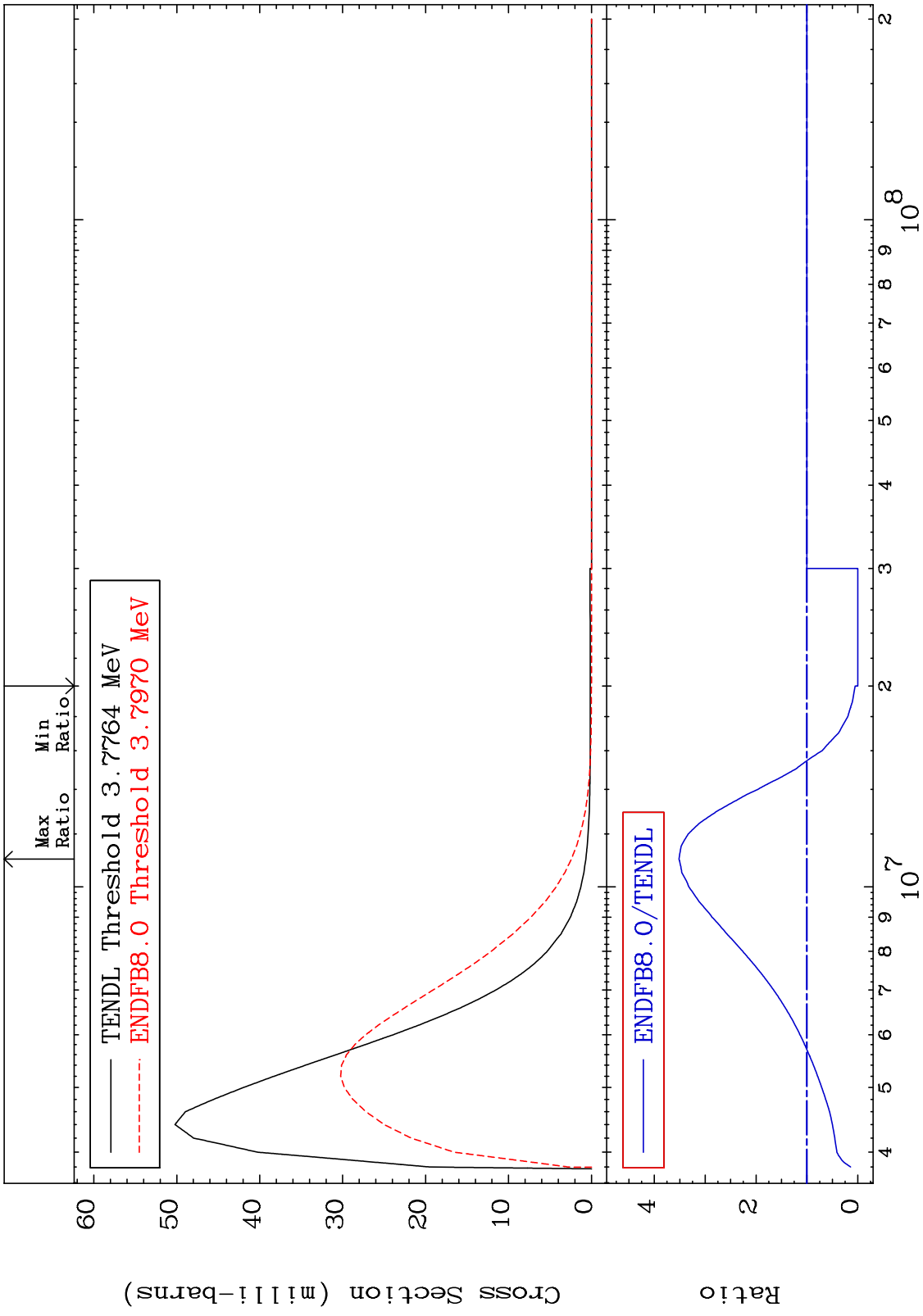


20

Incident Energy (eV)

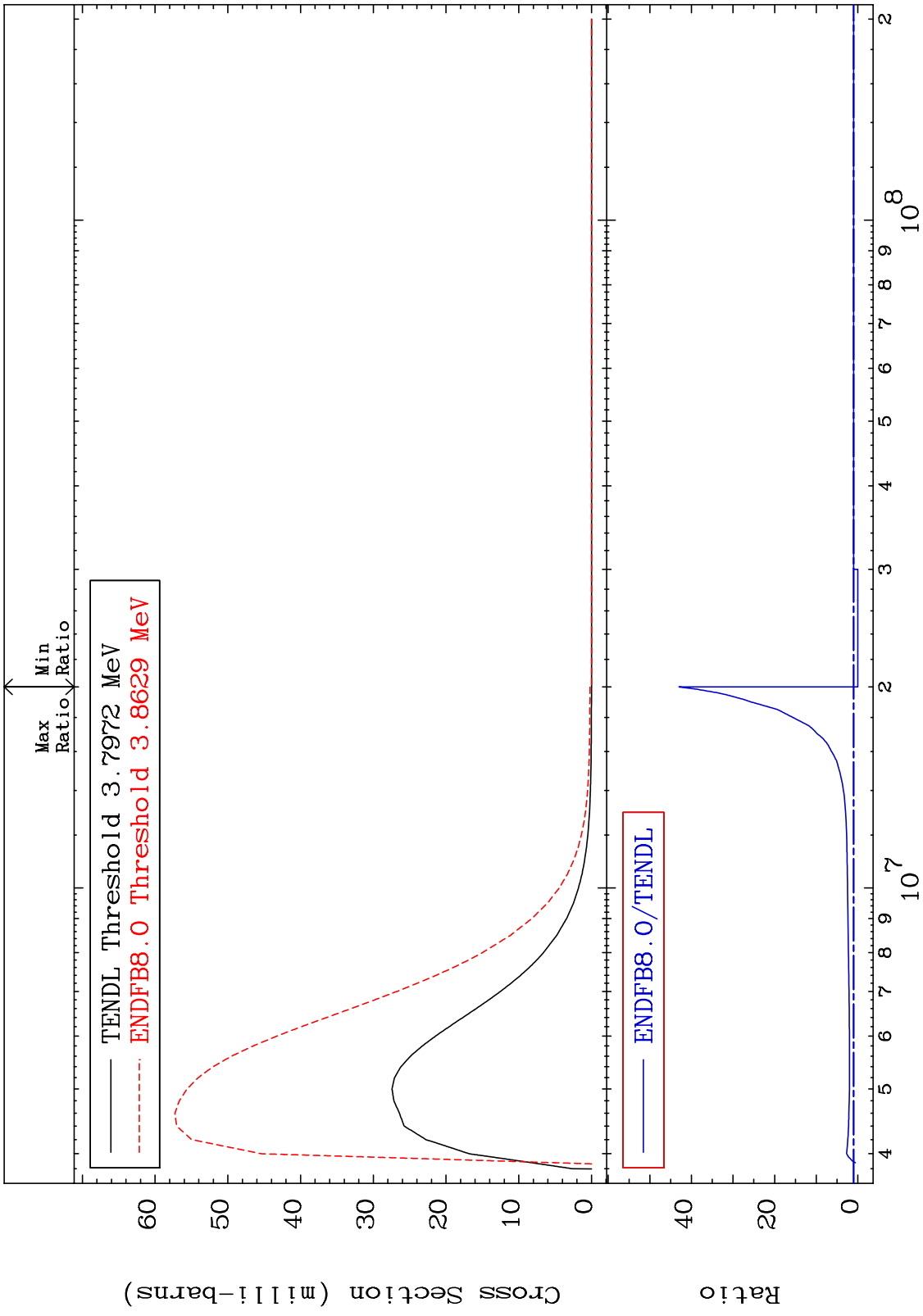
20-Ca-44

MAT 2037 MT= 63 (n,n') Level Cross Section -100.0 To 251.4 % 20-Ca-44



21 Incident Energy (eV) 20-Ca-44

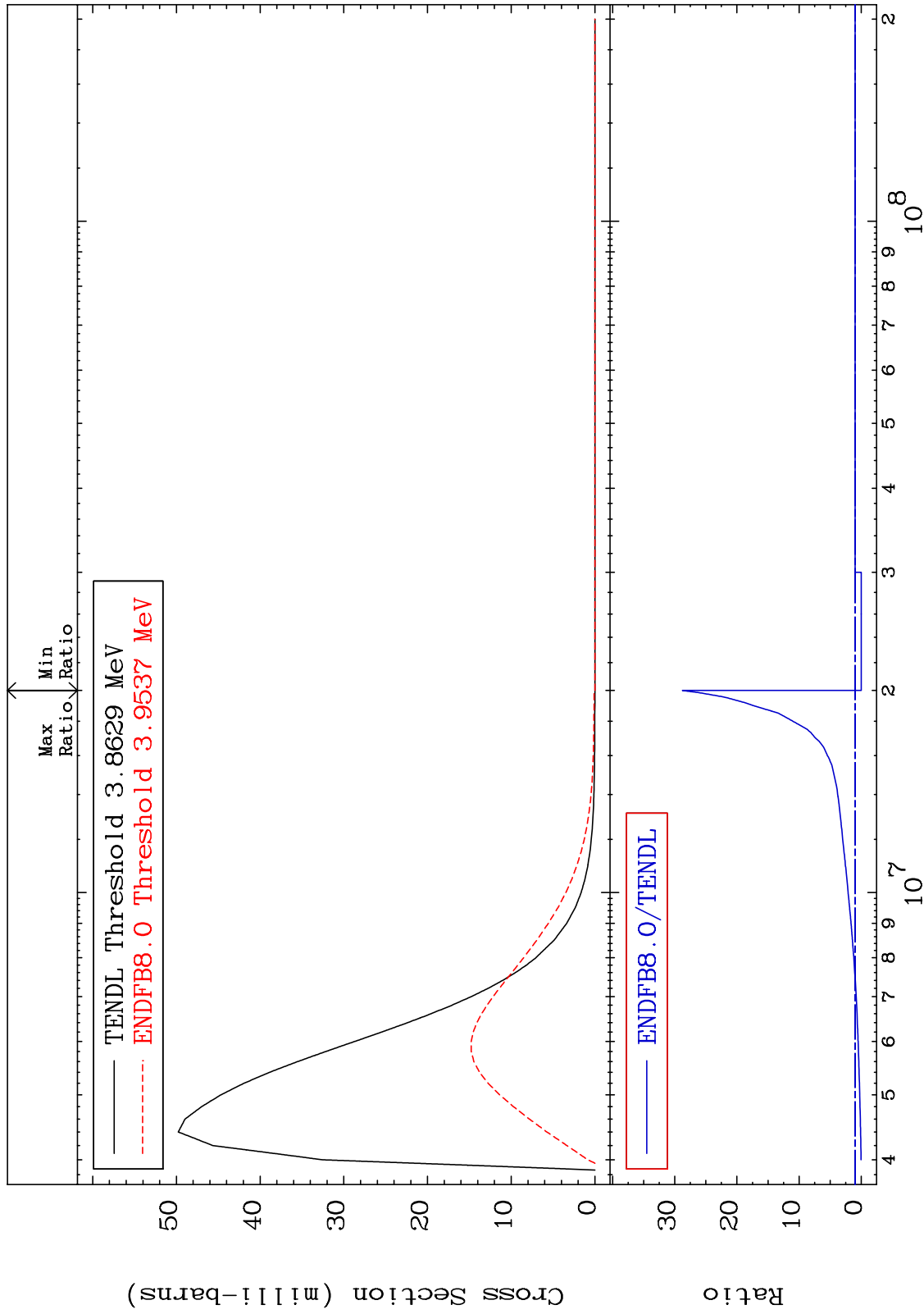
MAT 2037 MT= 64 (n,n') Level Cross Section -100.0 To 4198. % 20-Ca-44



MAT 2037

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

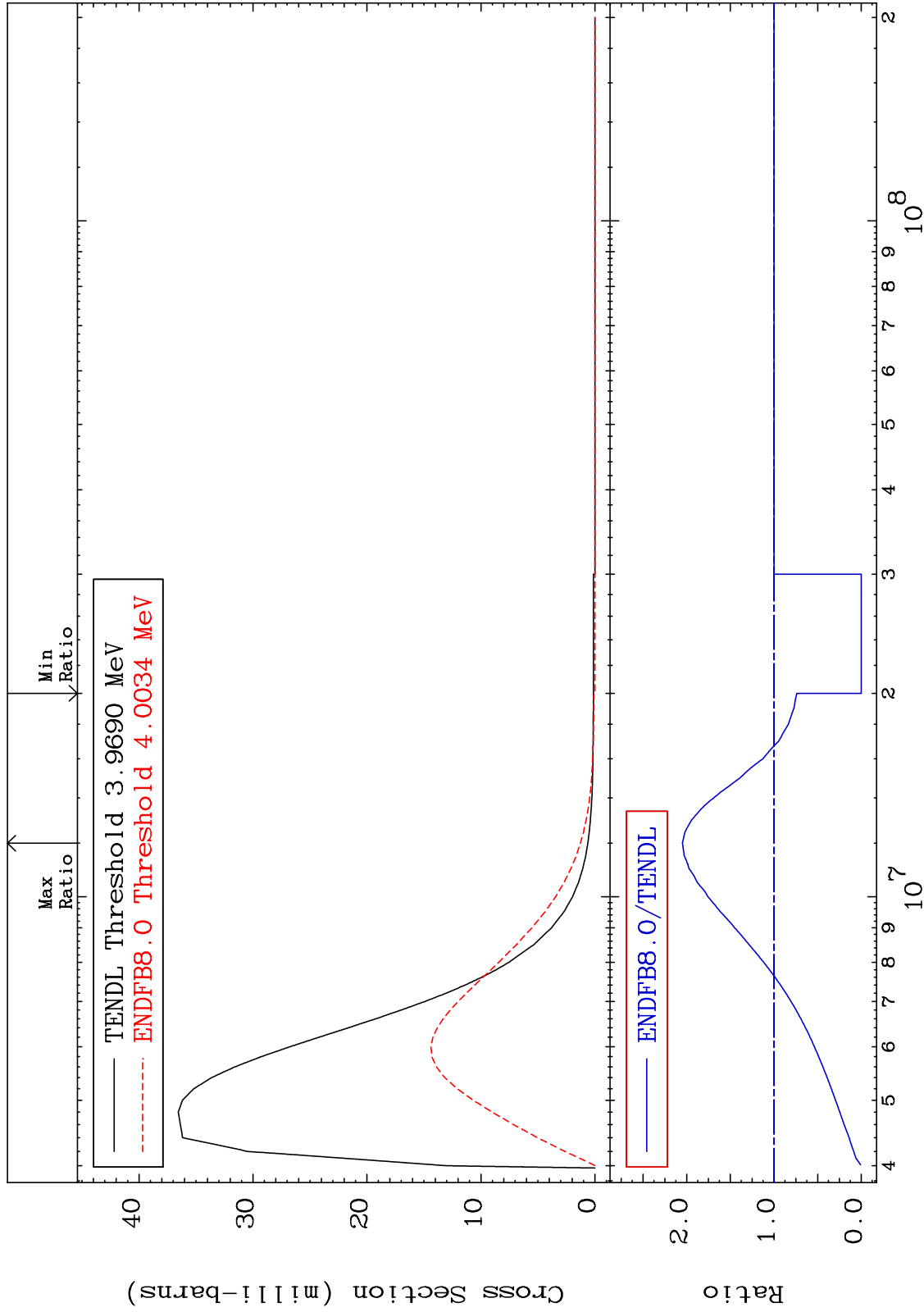
20-Ca-44
-100.0 To 2776. %



MAT 2037

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

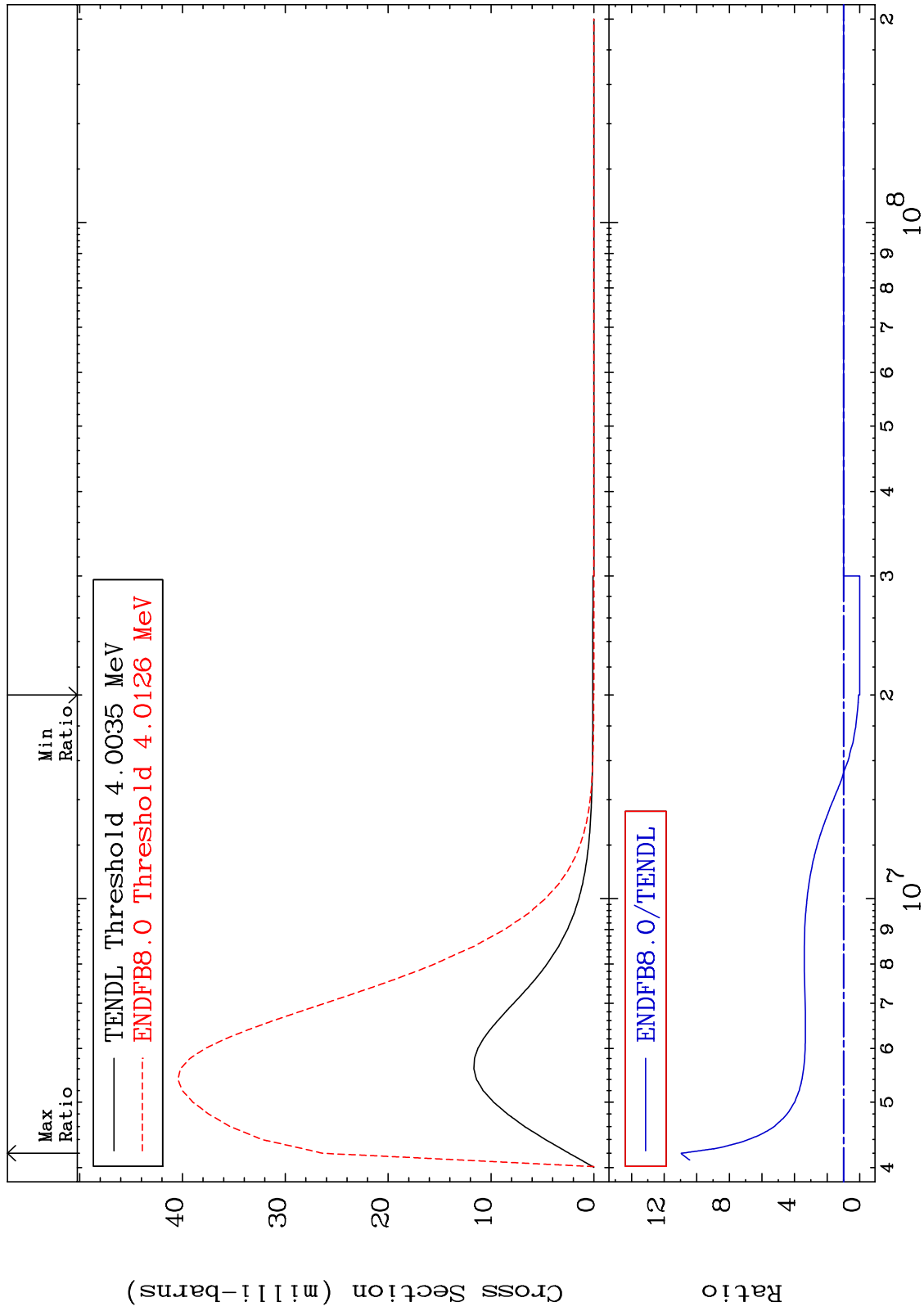
20-Ca-44
-100.0 To 104.8 %



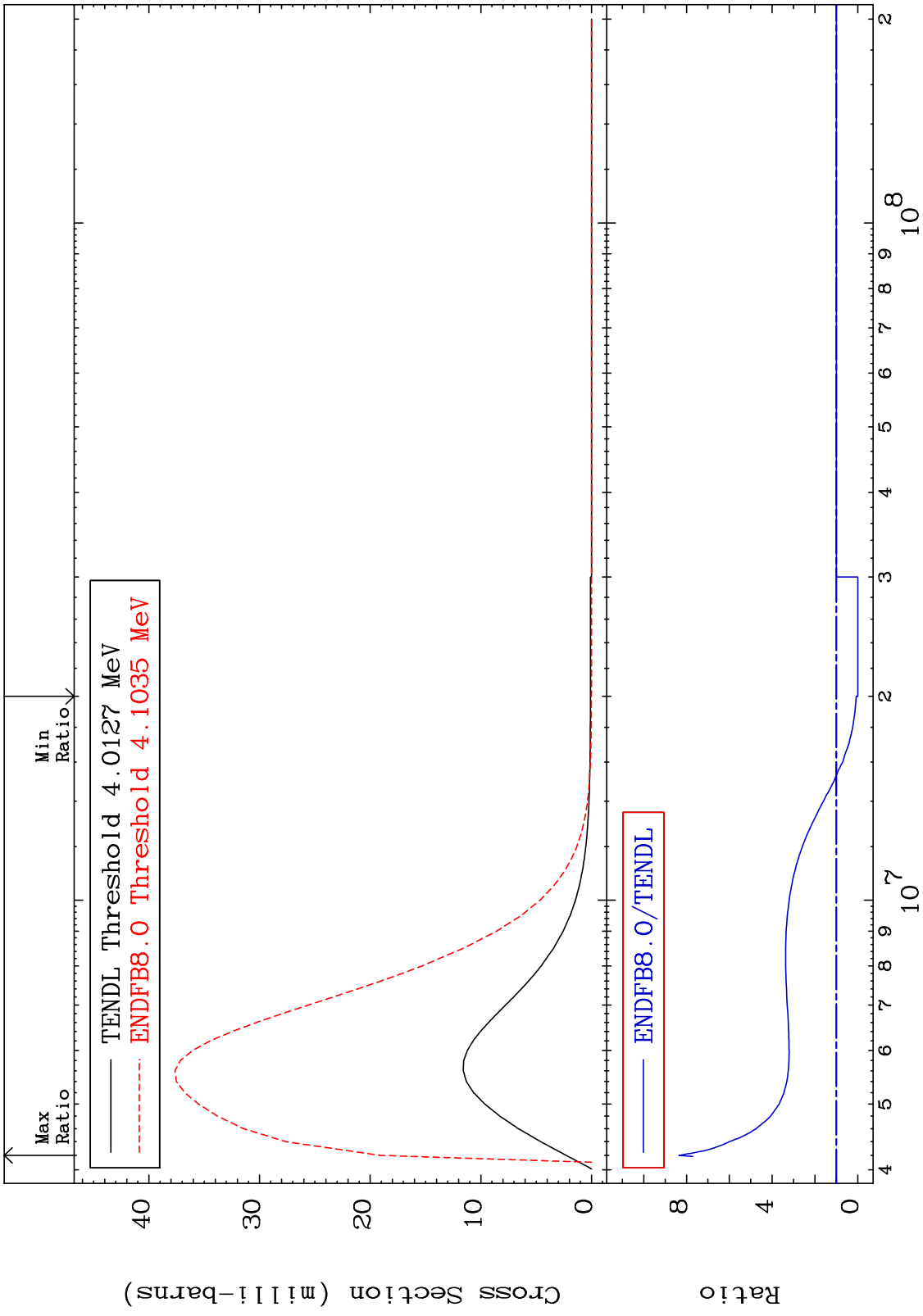
MAT 2037

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

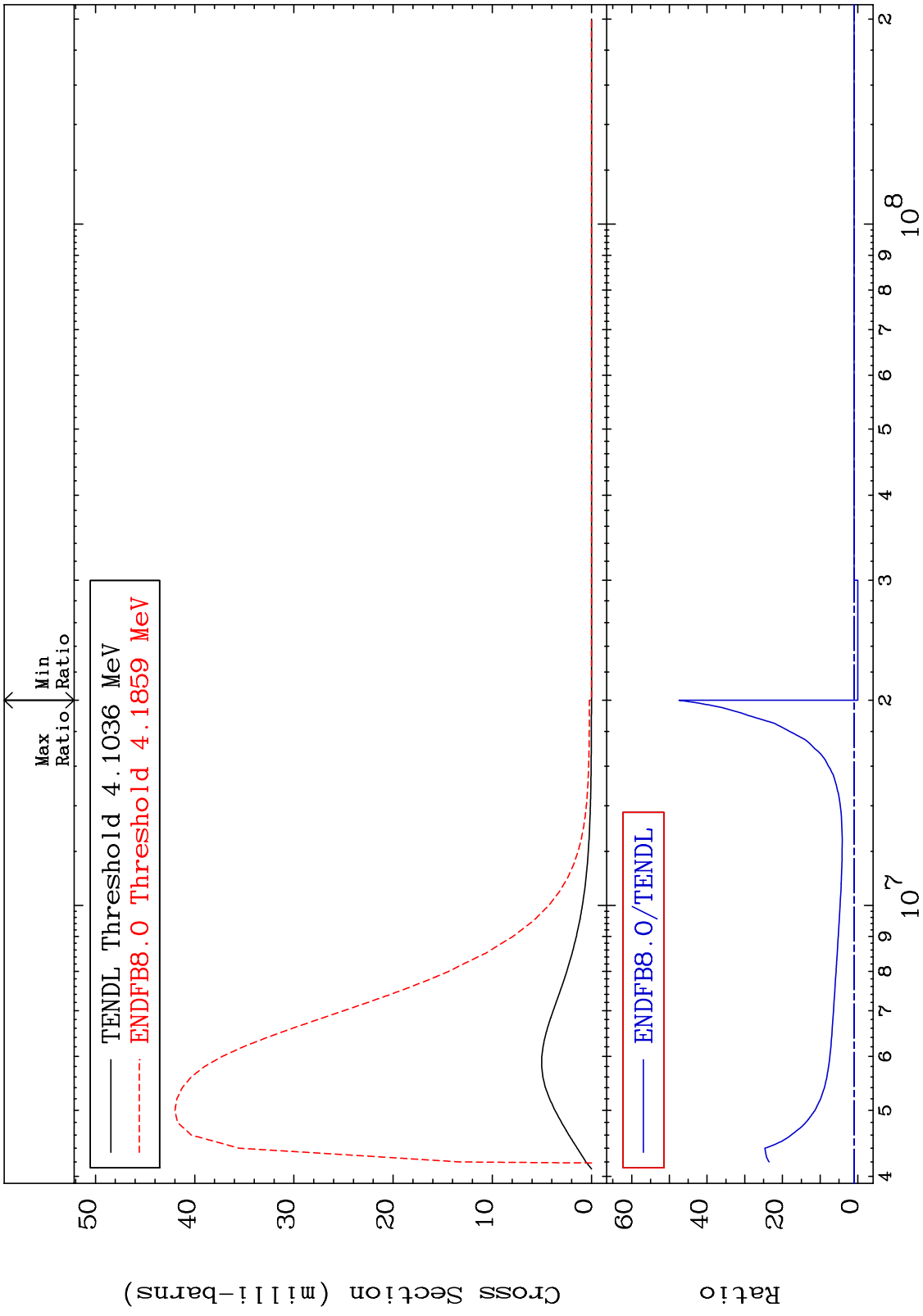
20-Ca-44
-100.0 To 995.1 %



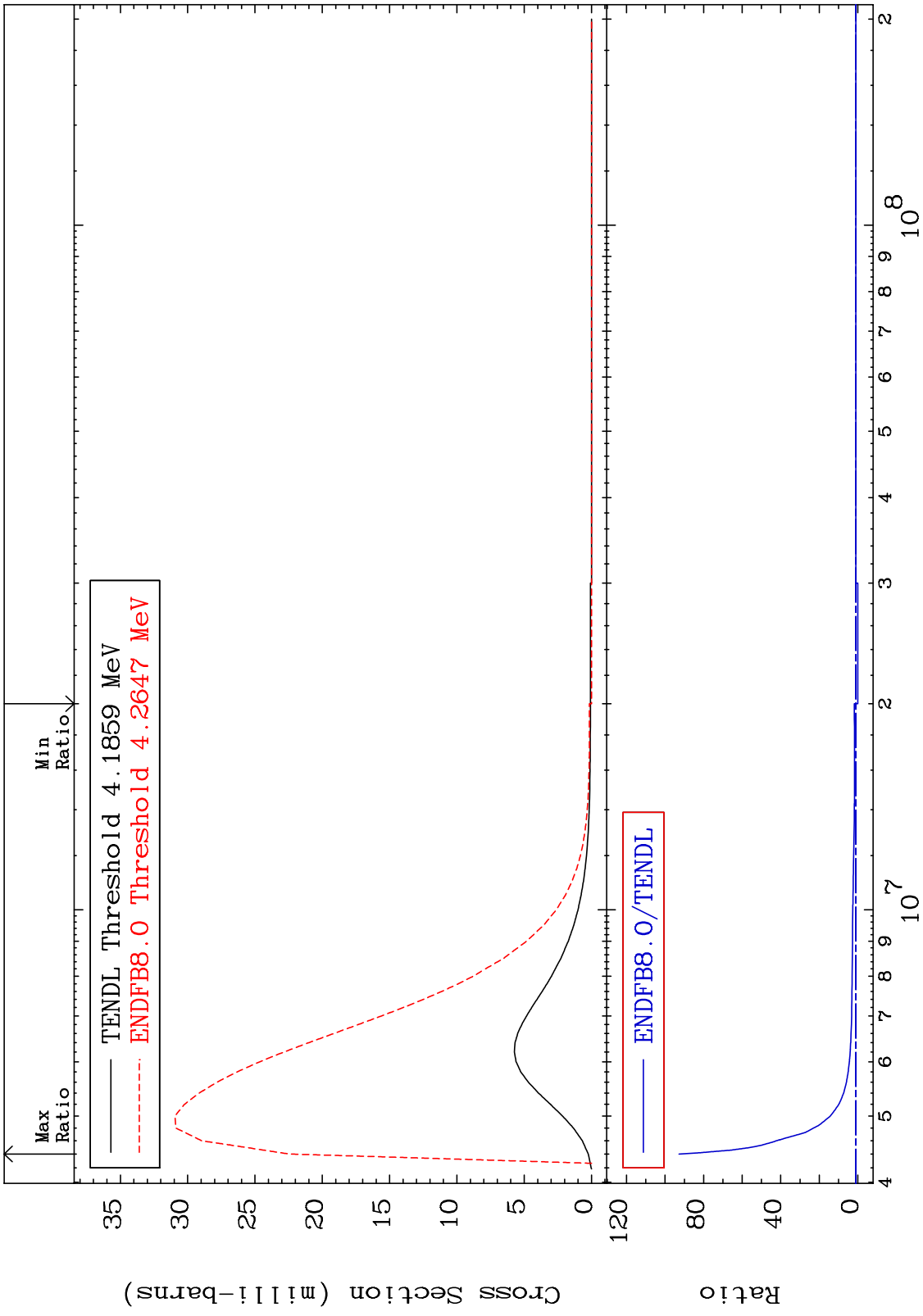
MAT 2037 MT= 68 (n,n') Level Cross Section -100.0 To 734.9 % 20-Ca-44



MAT 2037 MT= 69 (n,n') Level Cross Section -100.0 To 4643. % 20-Ca-44



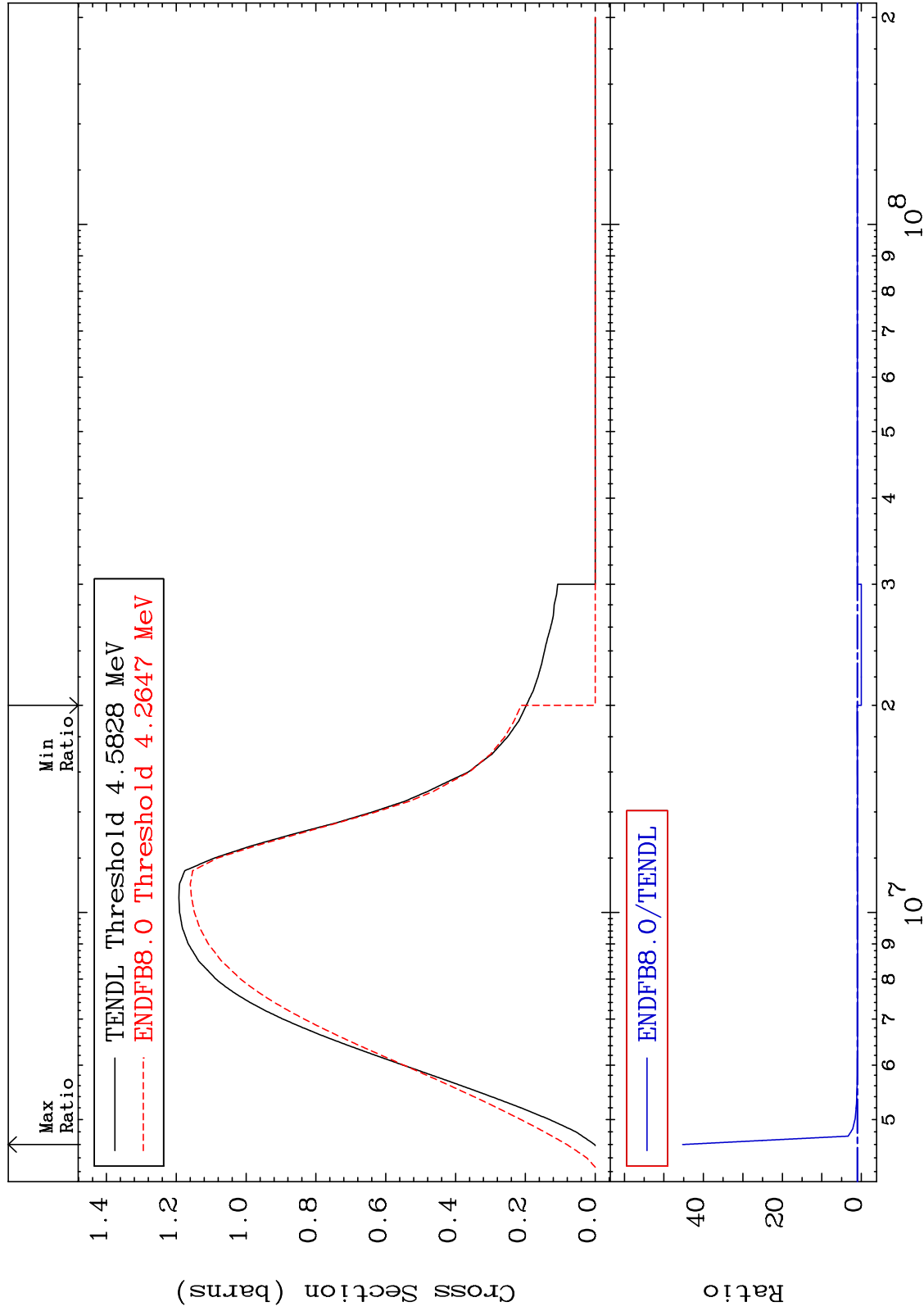
MAT 2037 MT= 70 (n,n') Level Cross Section -100.0 To 9175. % 20-Ca-44



MAT 2037

(n,n') Continuum
Cross Section

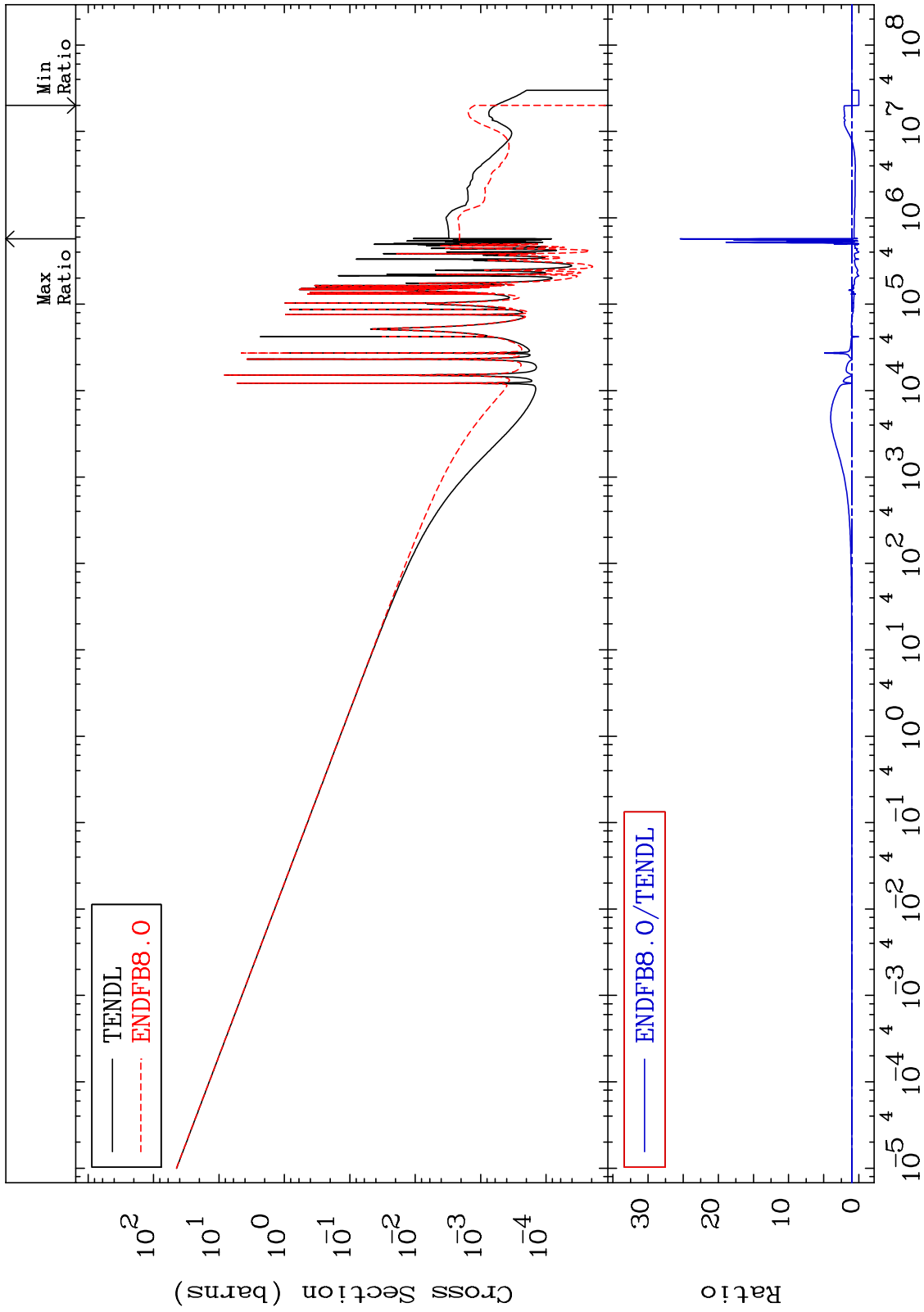
20-Ca-44
-100.0 To 4424. %



MAT 2037

(n, γ)
Cross Section

20-Ca-44
-100.0 To 2442. %

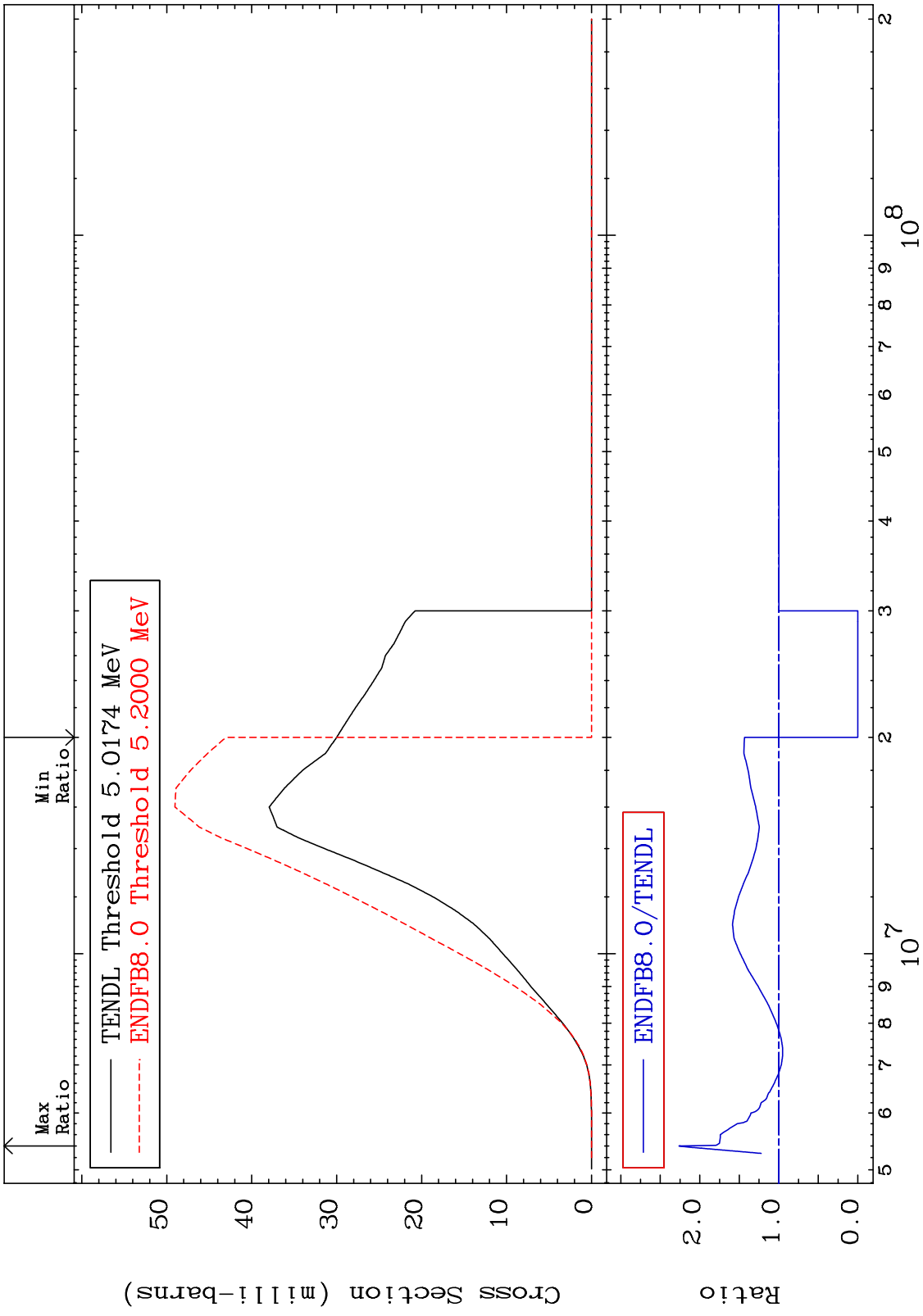


30

Incident Energy (eV)

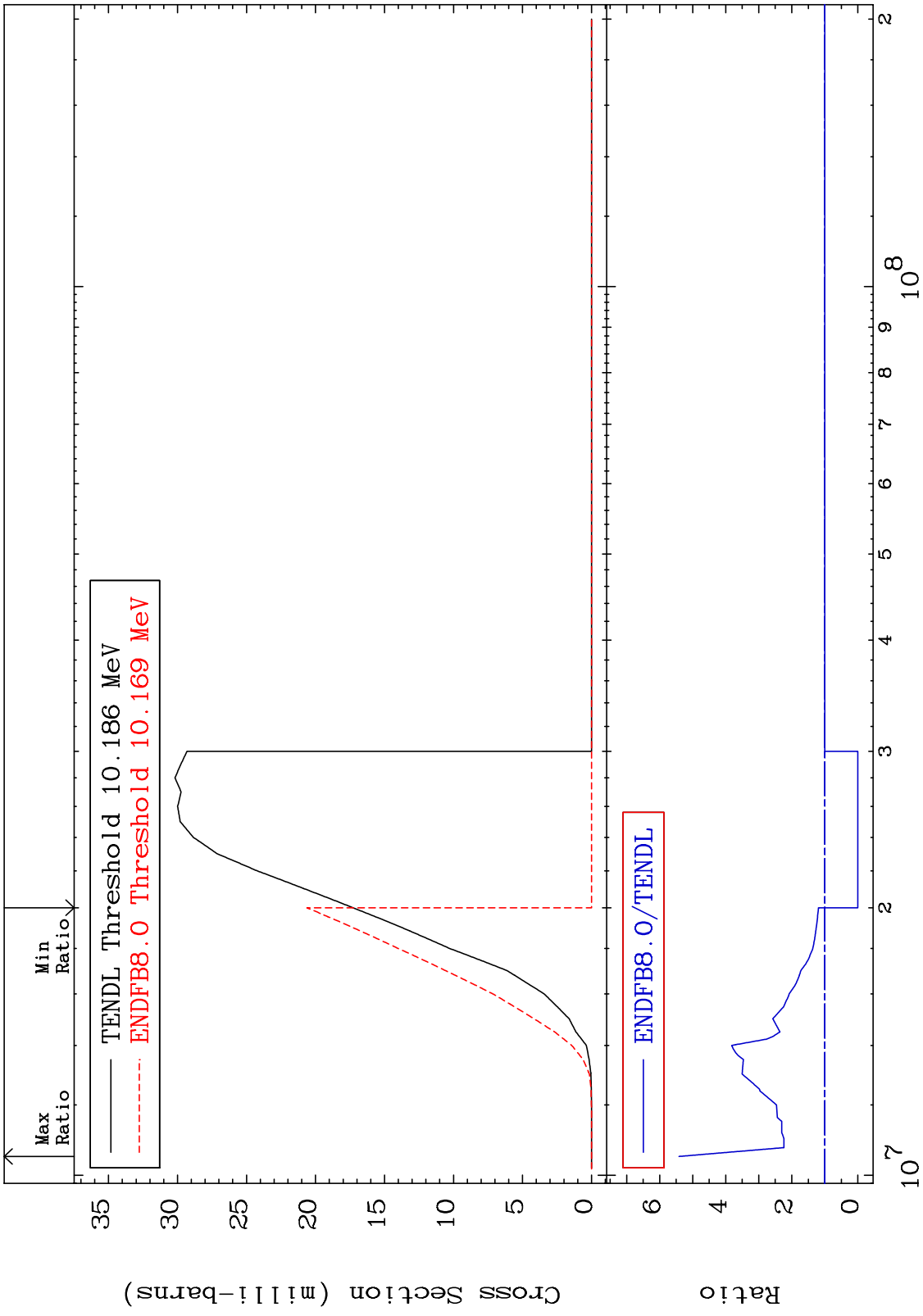
20-Ca-44

MAT 2037 (n,p) 20-Ca-44
 Cross Section -100.0 To 126.2 %



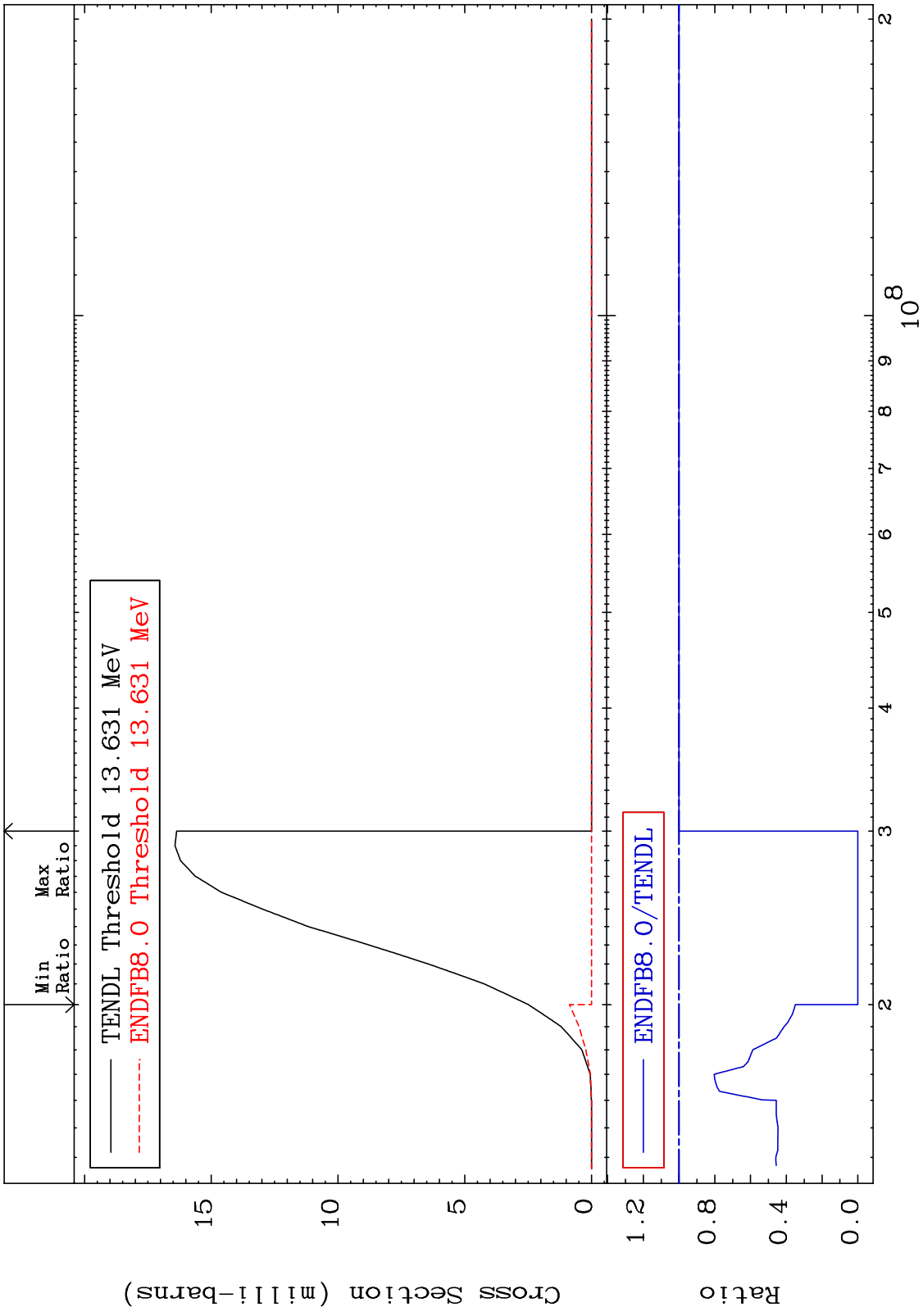
Incident Energy (eV) 20-Ca-44

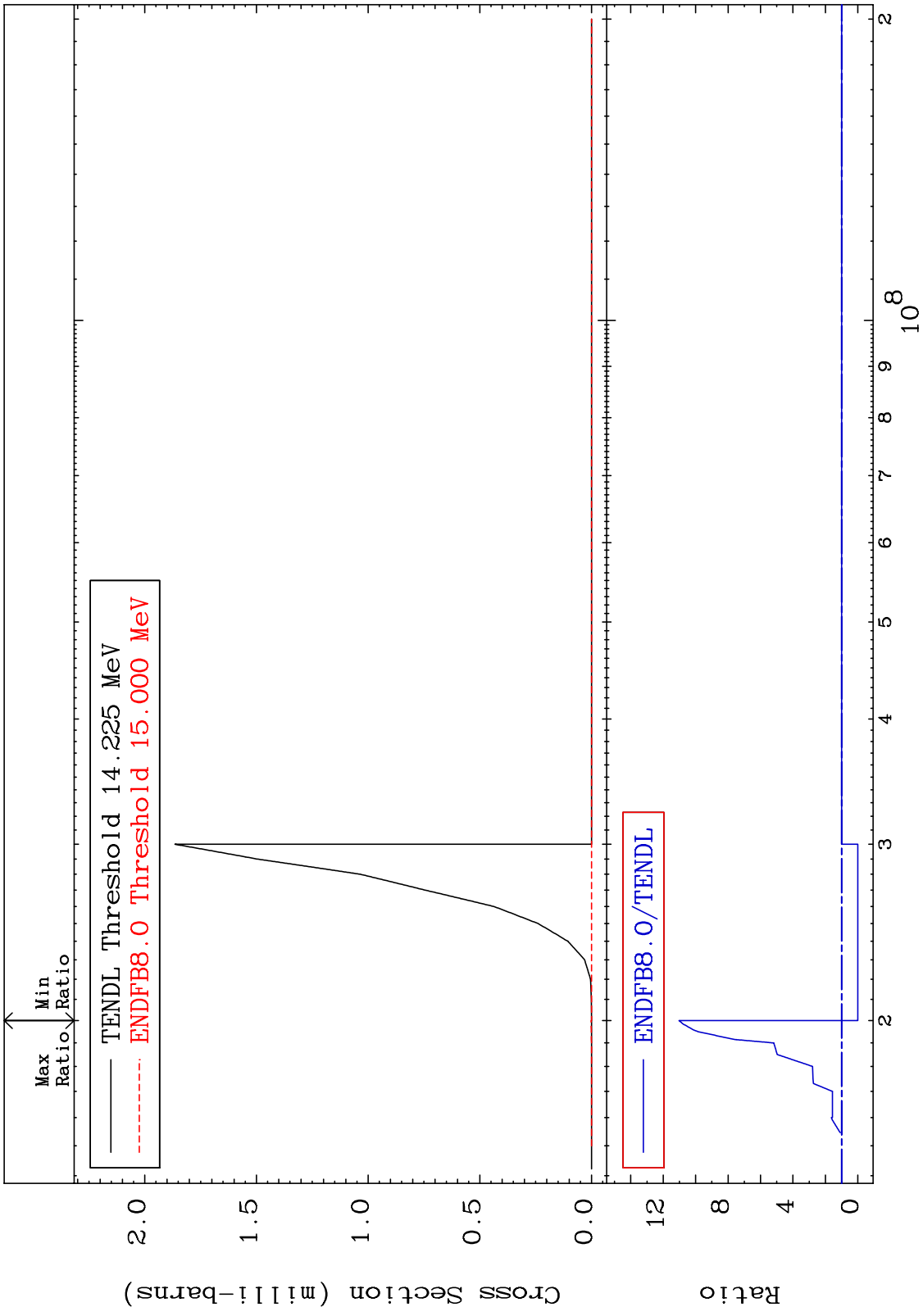
MAT 2037 (n,d) 20-Ca-44
 Cross Section -100.0 To 441.3 %

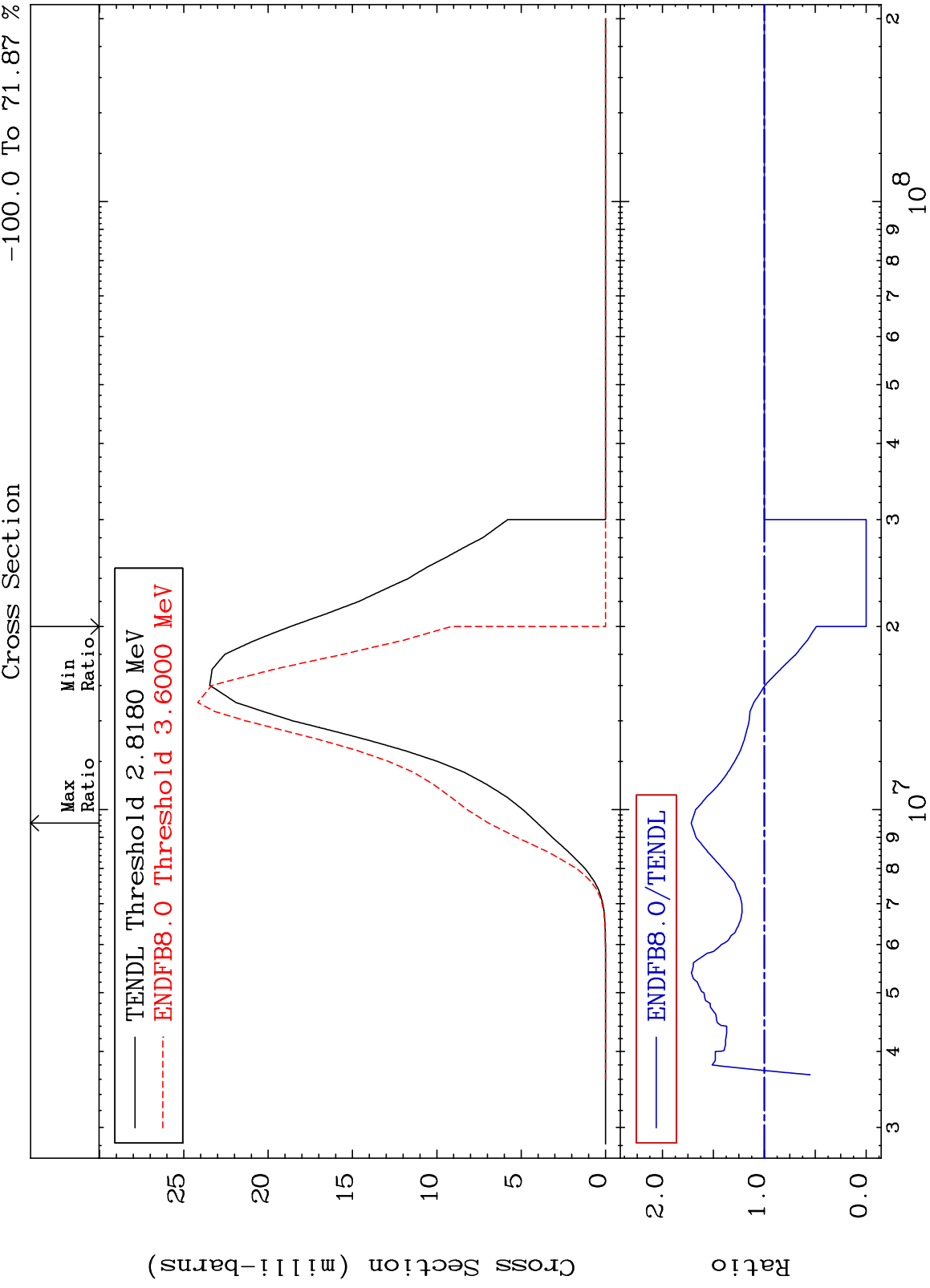


32 Incident Energy (eV) 20-Ca-44

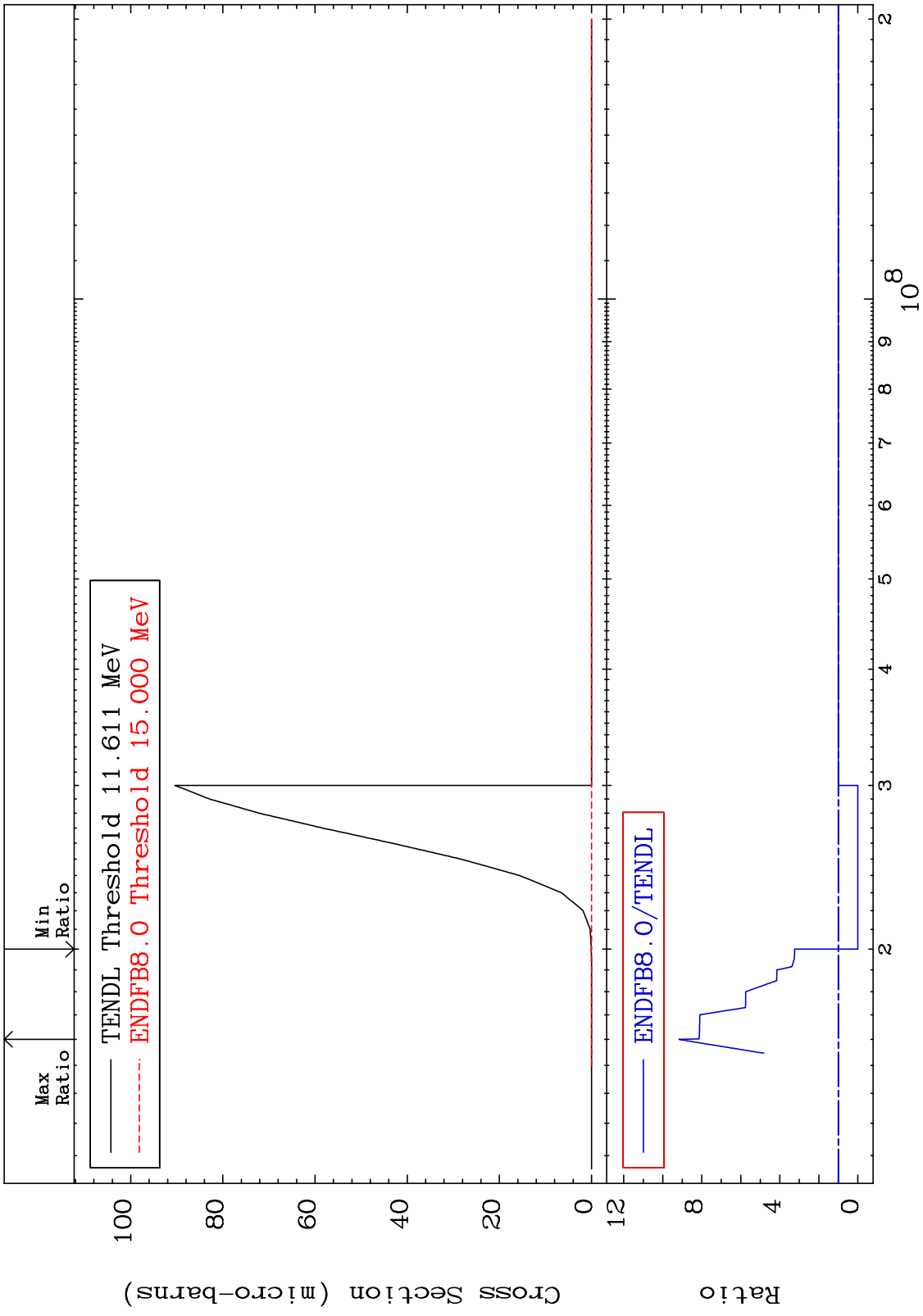
MAT 2037 (n,t) 20-Ca-44
 Cross Section -100.0 To 0.000 %

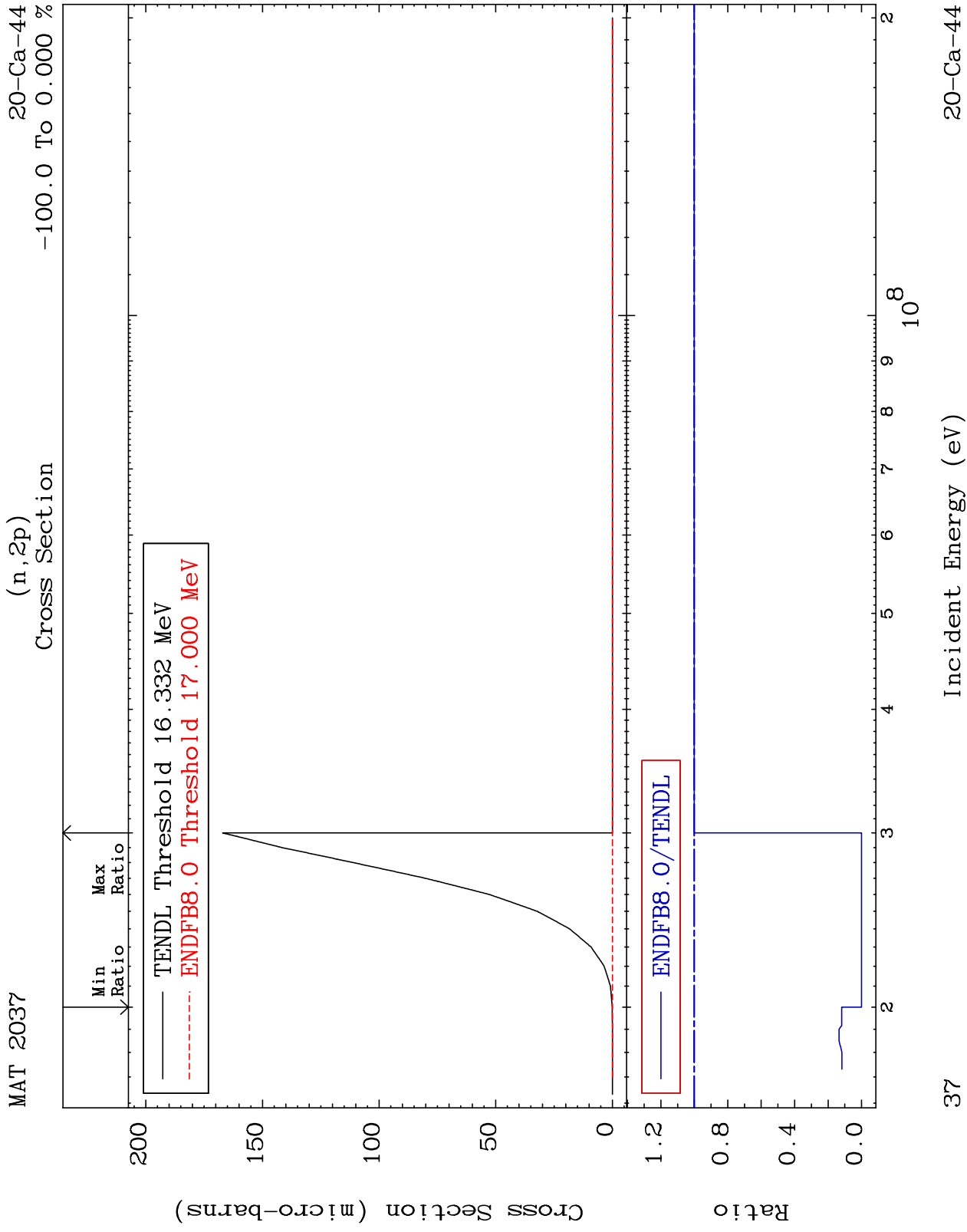


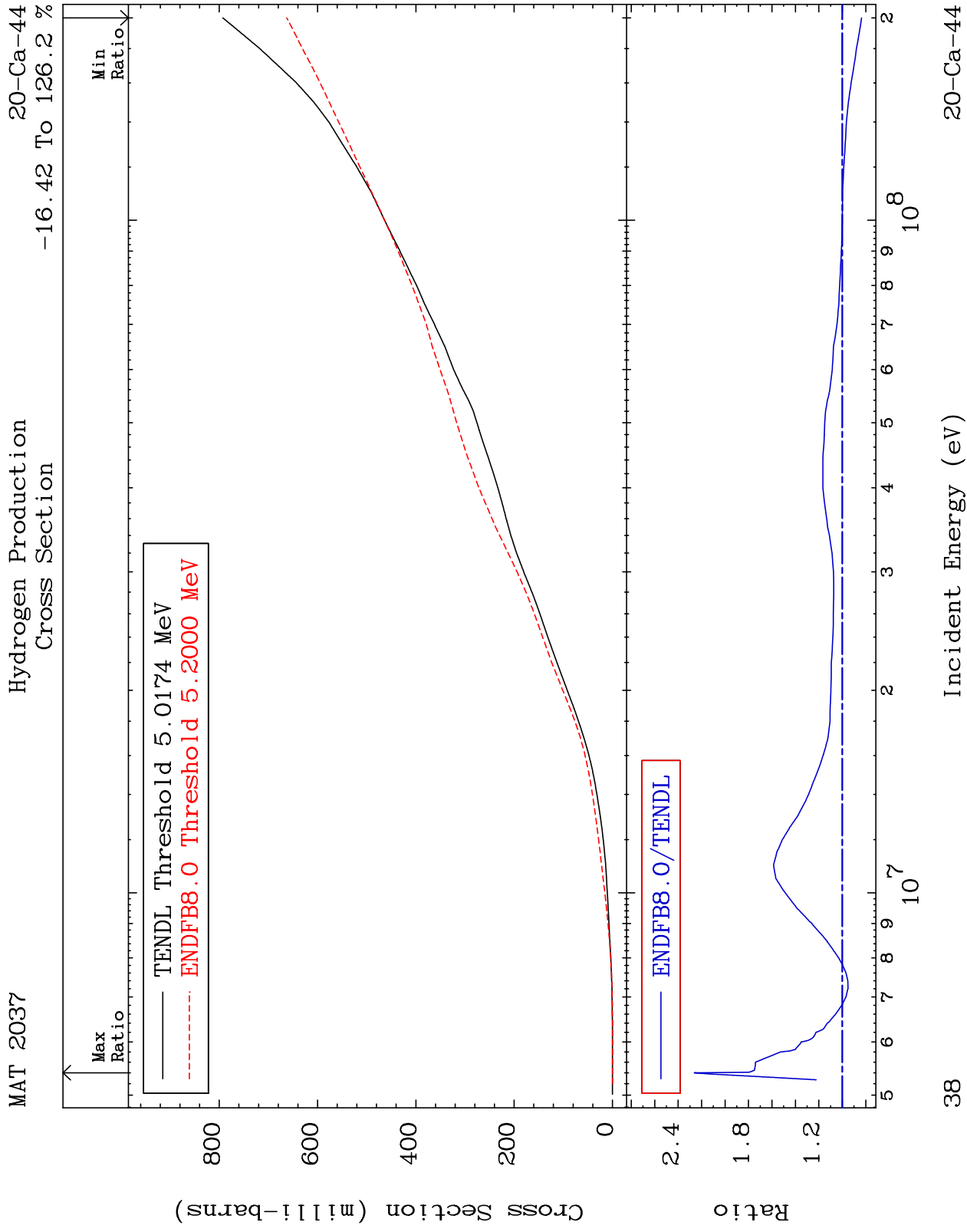




MAT 2037 (n,2α) Cross Section 20-Ca-44 -100.0 To 816.5 %



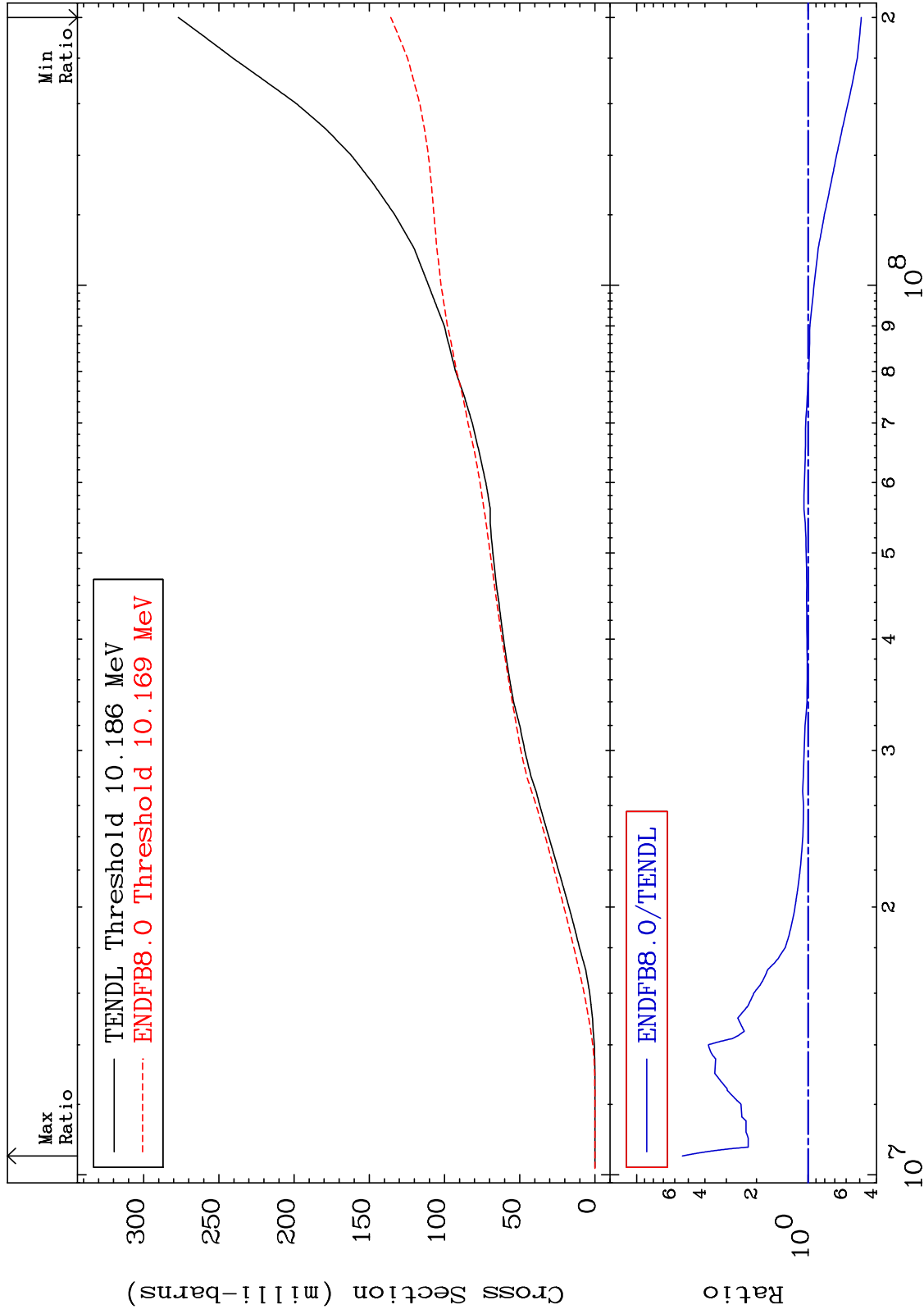




MAT 2037

Deuterium Production
Cross Section

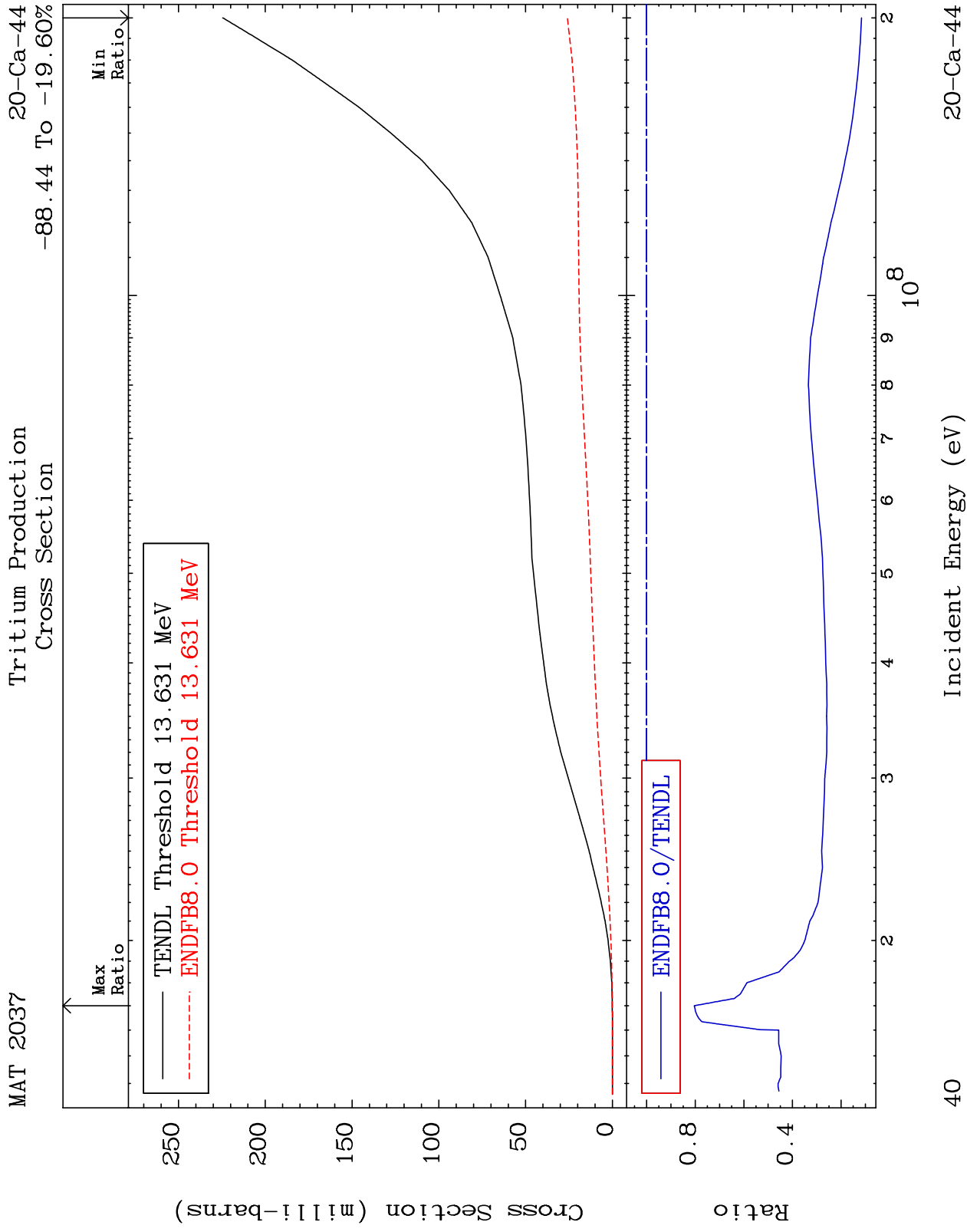
20-Ca-44
-51.00 To 441.3 %

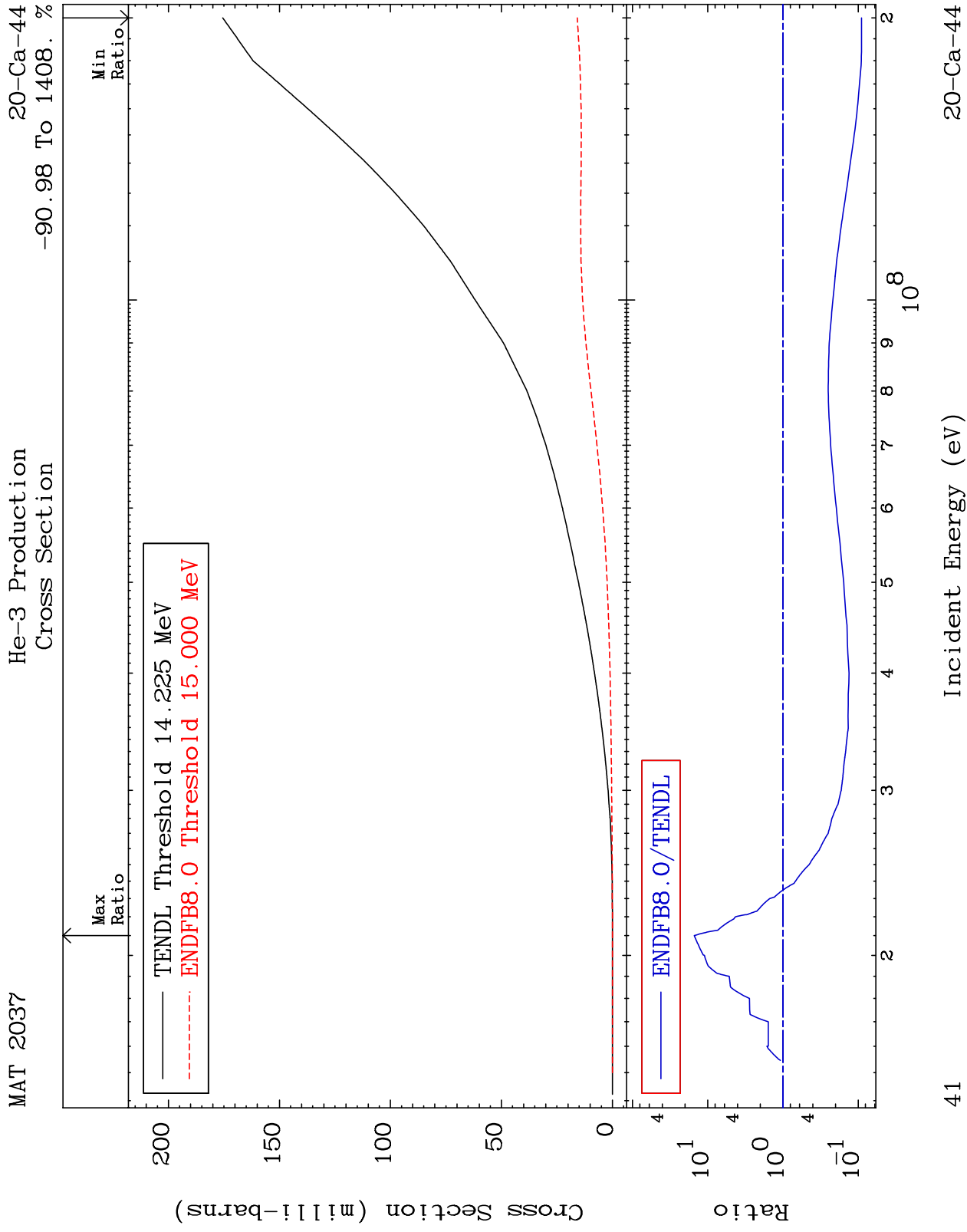


39

Incident Energy (eV)

20-Ca-44

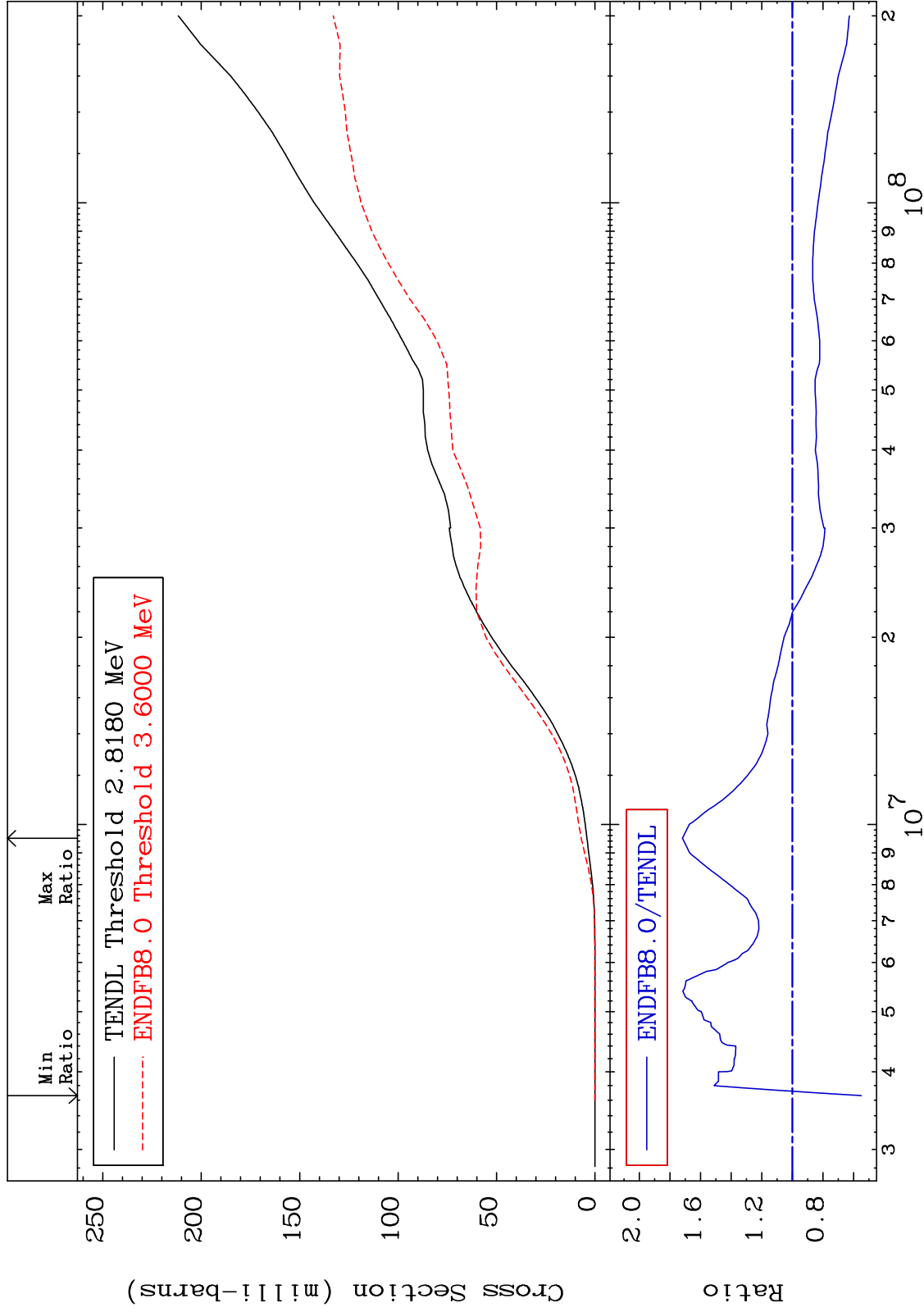




MAT 2037

He-4 Production
Cross Section

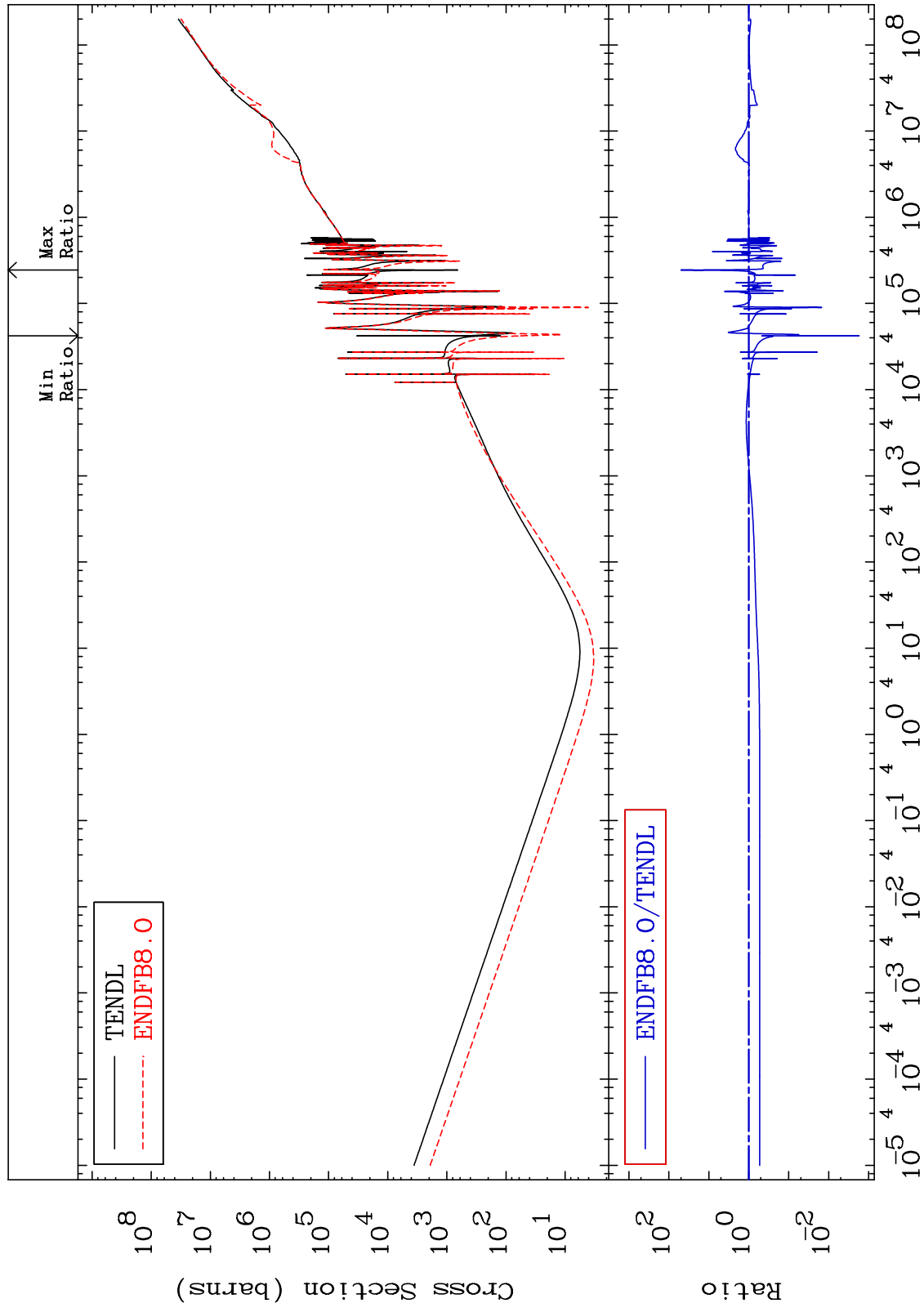
²⁰Ca-44
-44.99 To 71.87 %



MAT 2037

Kerma total (eV-barns)
Cross Section

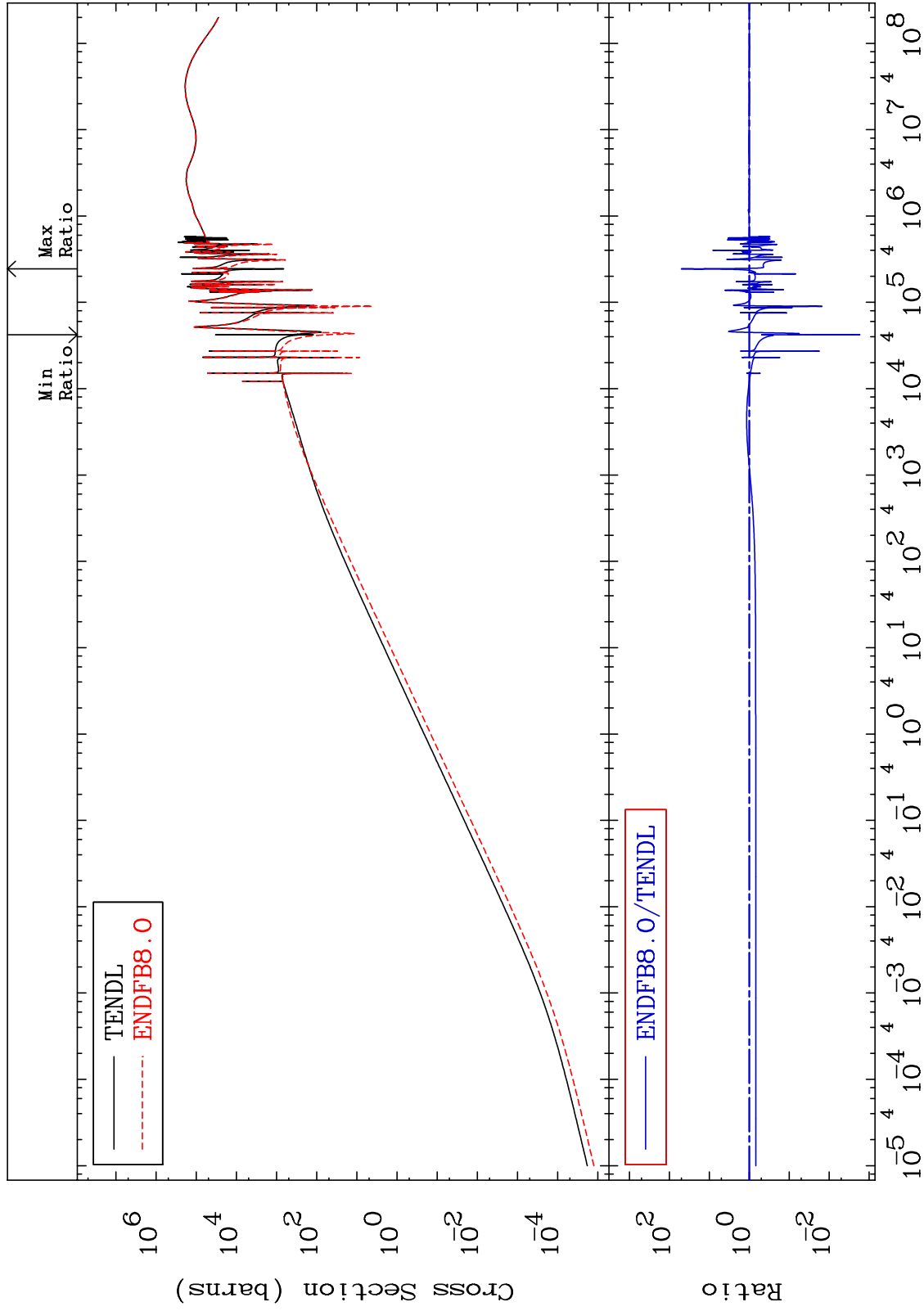
20-Ca-44
-99.83 To 4918. %



MAT 2037

Kerma elastic
Cross Section

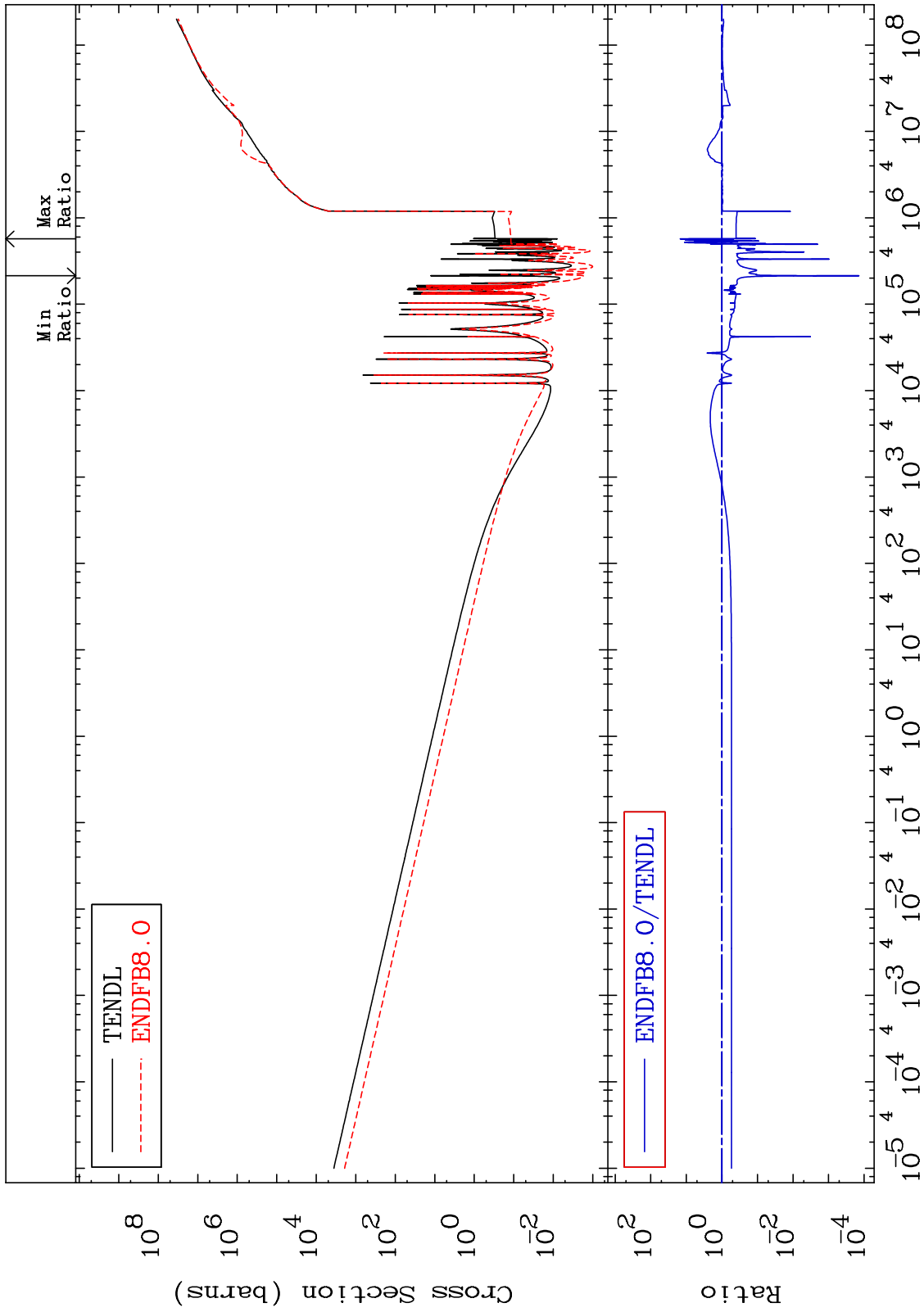
20-Ca-44
-99.83 To 4918. %

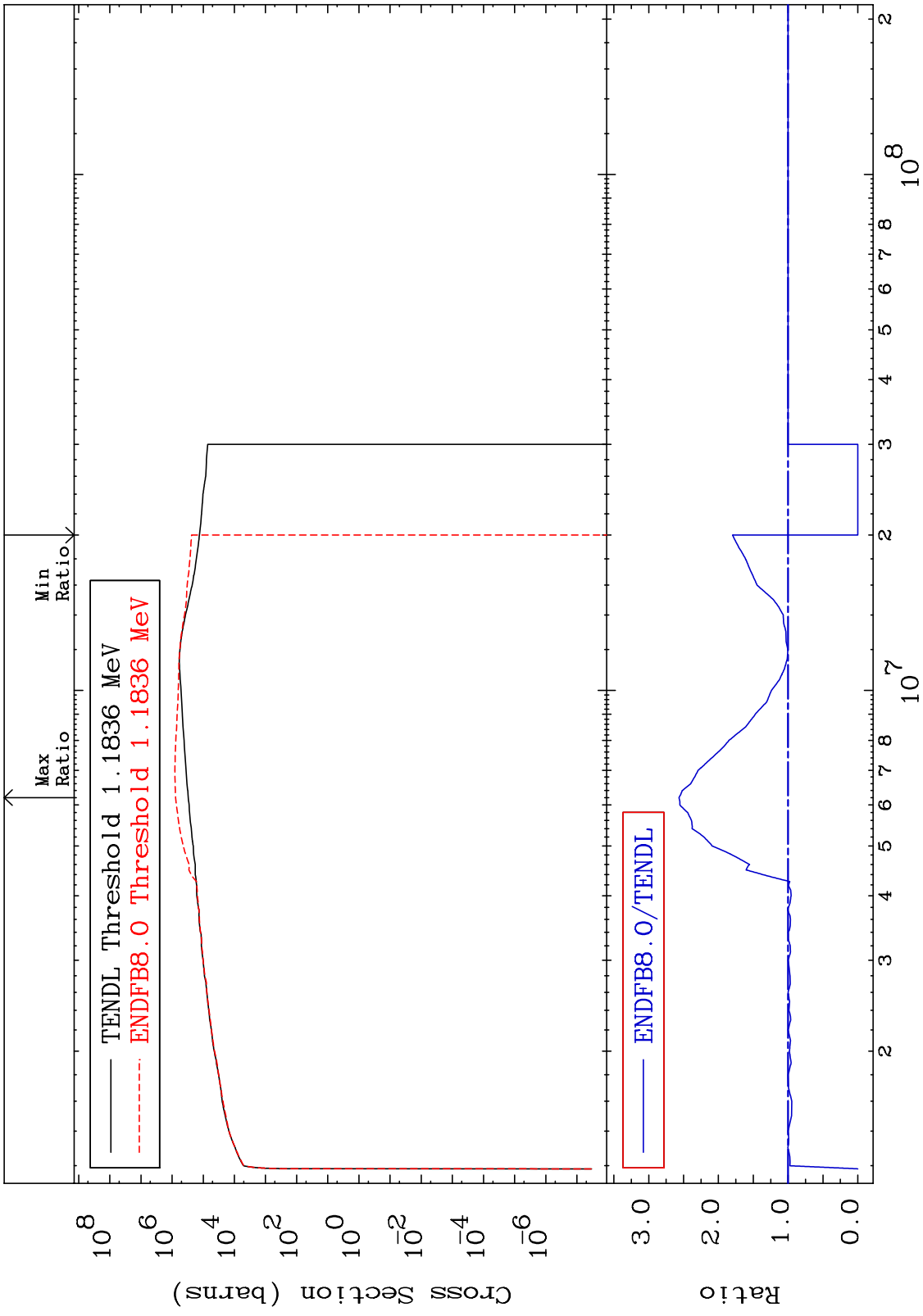


MAT 2037

Kerma non-elastic (all but mt2)
Cross Section

20-Ca-44
-99.99 To 1385. %

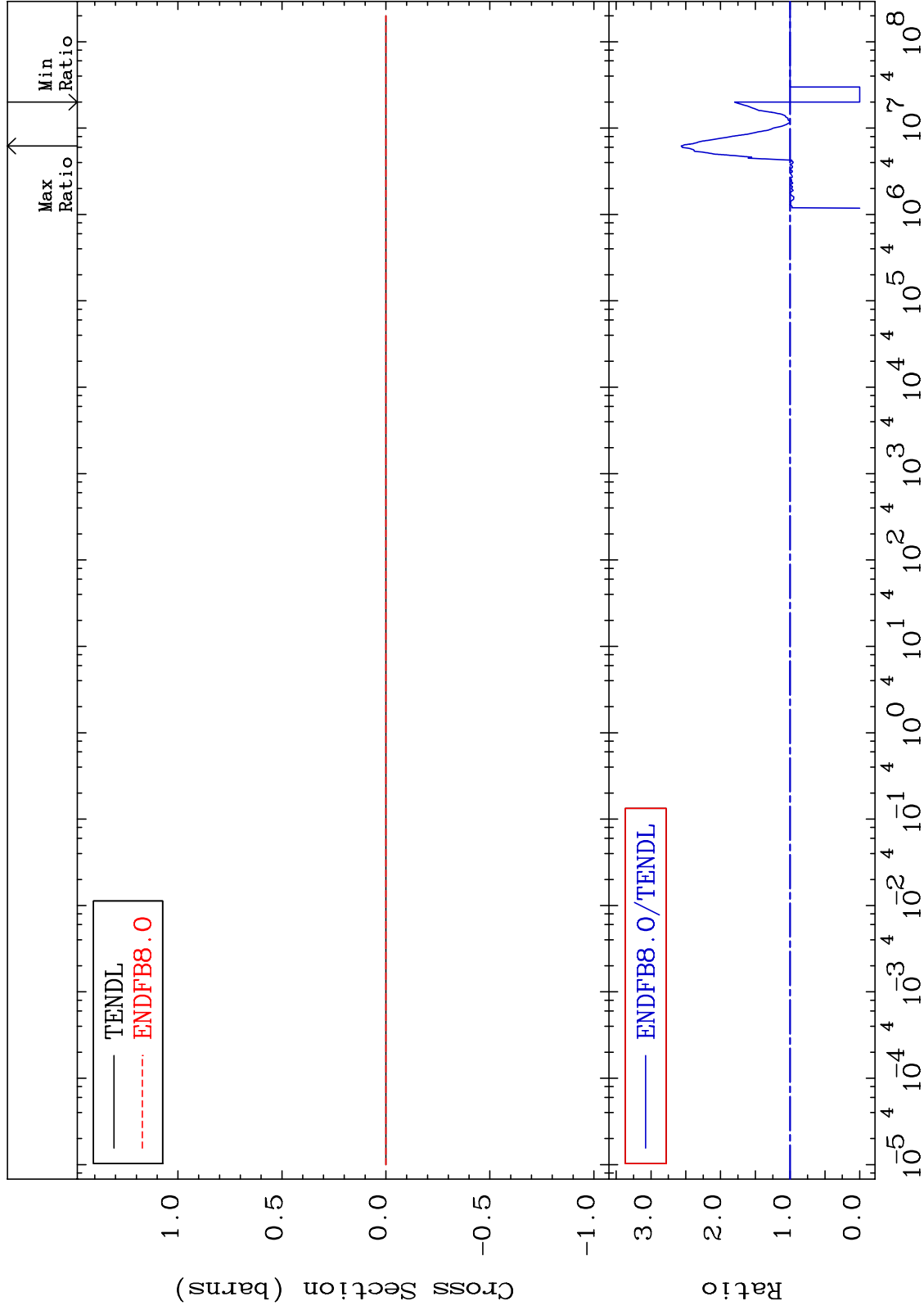




MAT 2037

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

20-Ca-44
-100.0 To 156.5 %



47

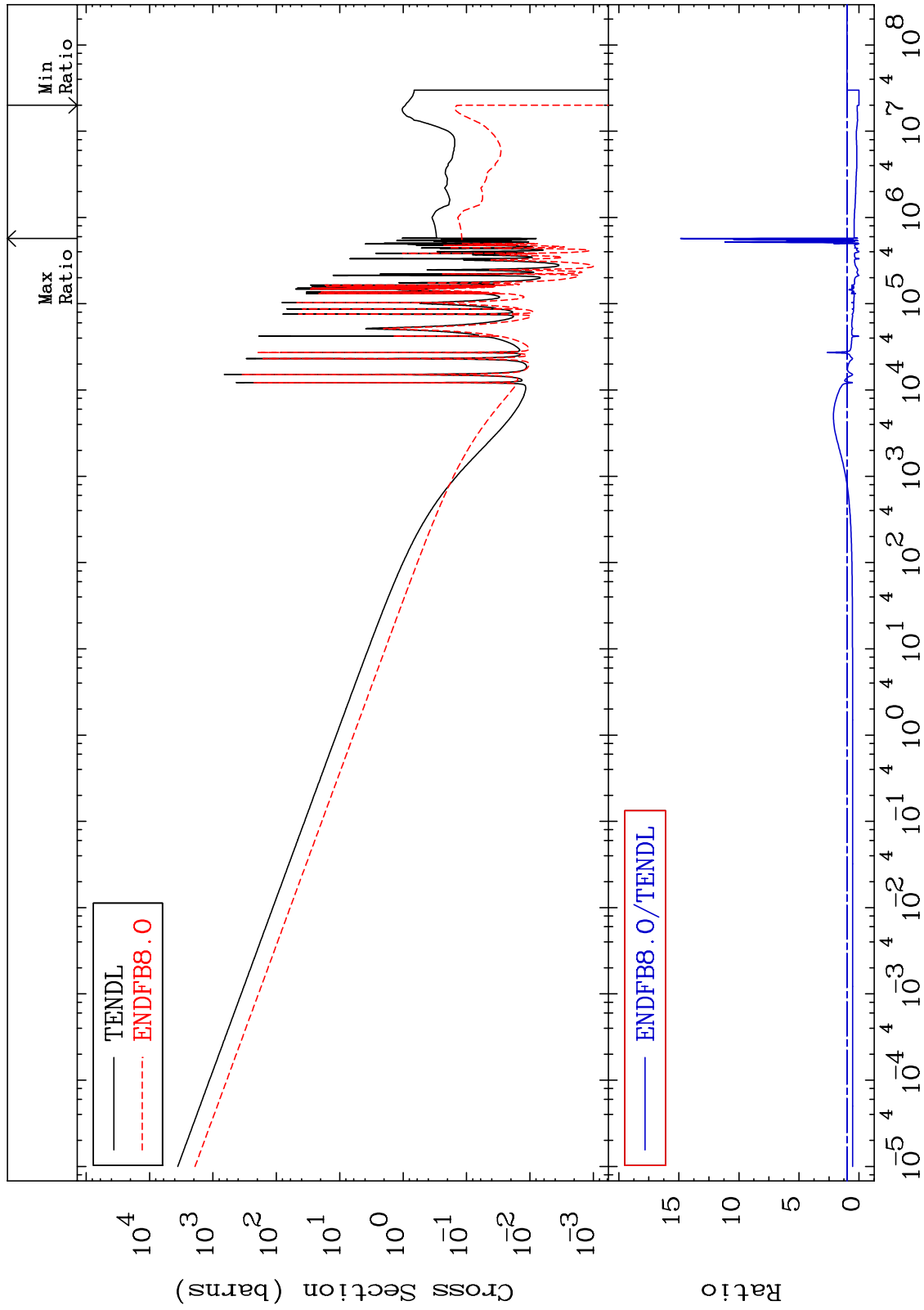
Incident Energy (eV)

20-Ca-44

MAT 2037

Kerma capture (mt102)
Cross Section

20-Ca-44
-100.0 To 1385. %



48

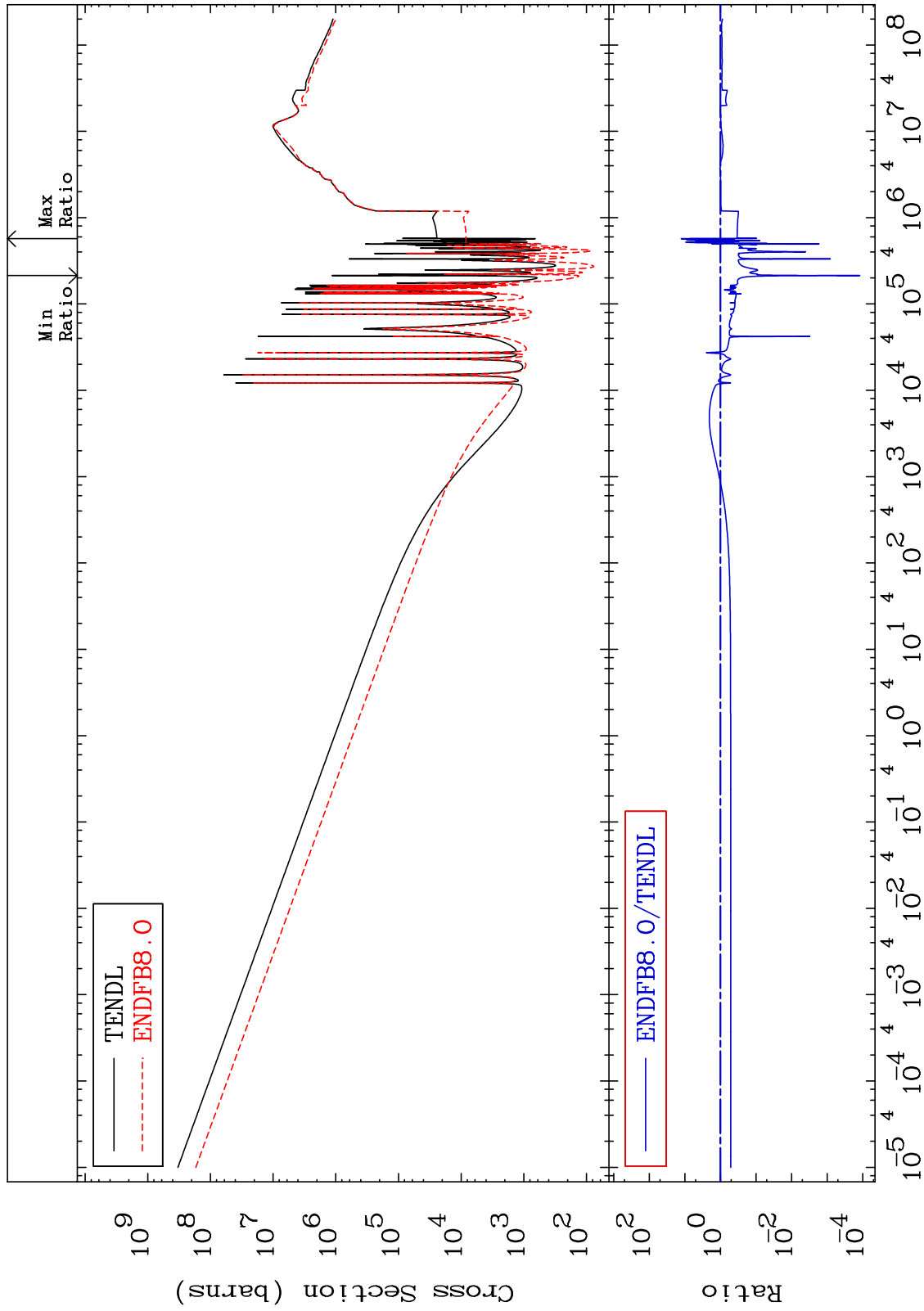
Incident Energy (eV)

20-Ca-44

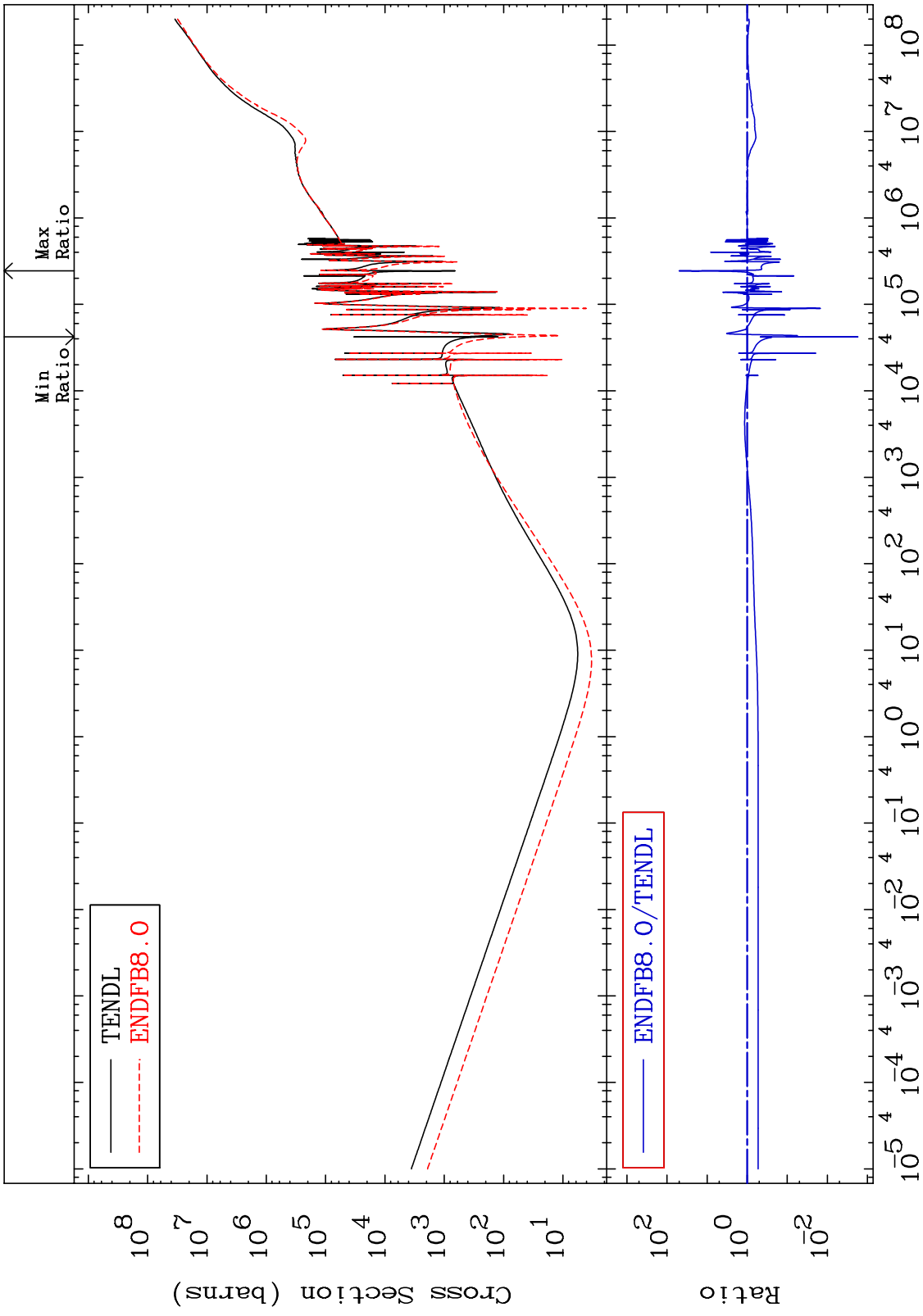
MAT 2037

Total photon (eV-barns)
Cross Section

20-Ca-44
-99.99 To 1163. %



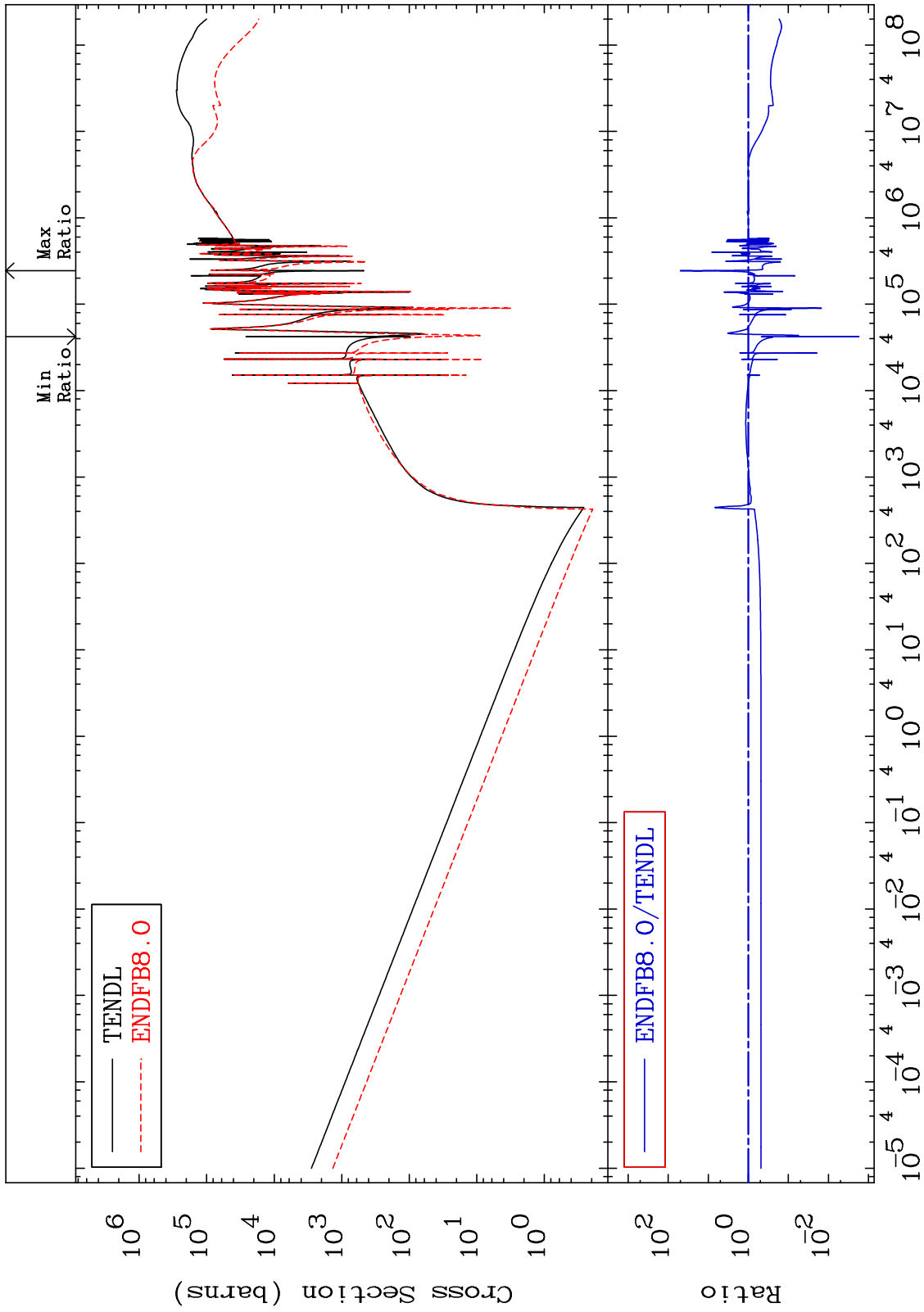
MAT 2037 Total kinematic kerma (high limit) 20-Ca-44
 Cross Section -99.83 To 4918. %



MAT 2037

Dpa total (eV-barns)
Cross Section

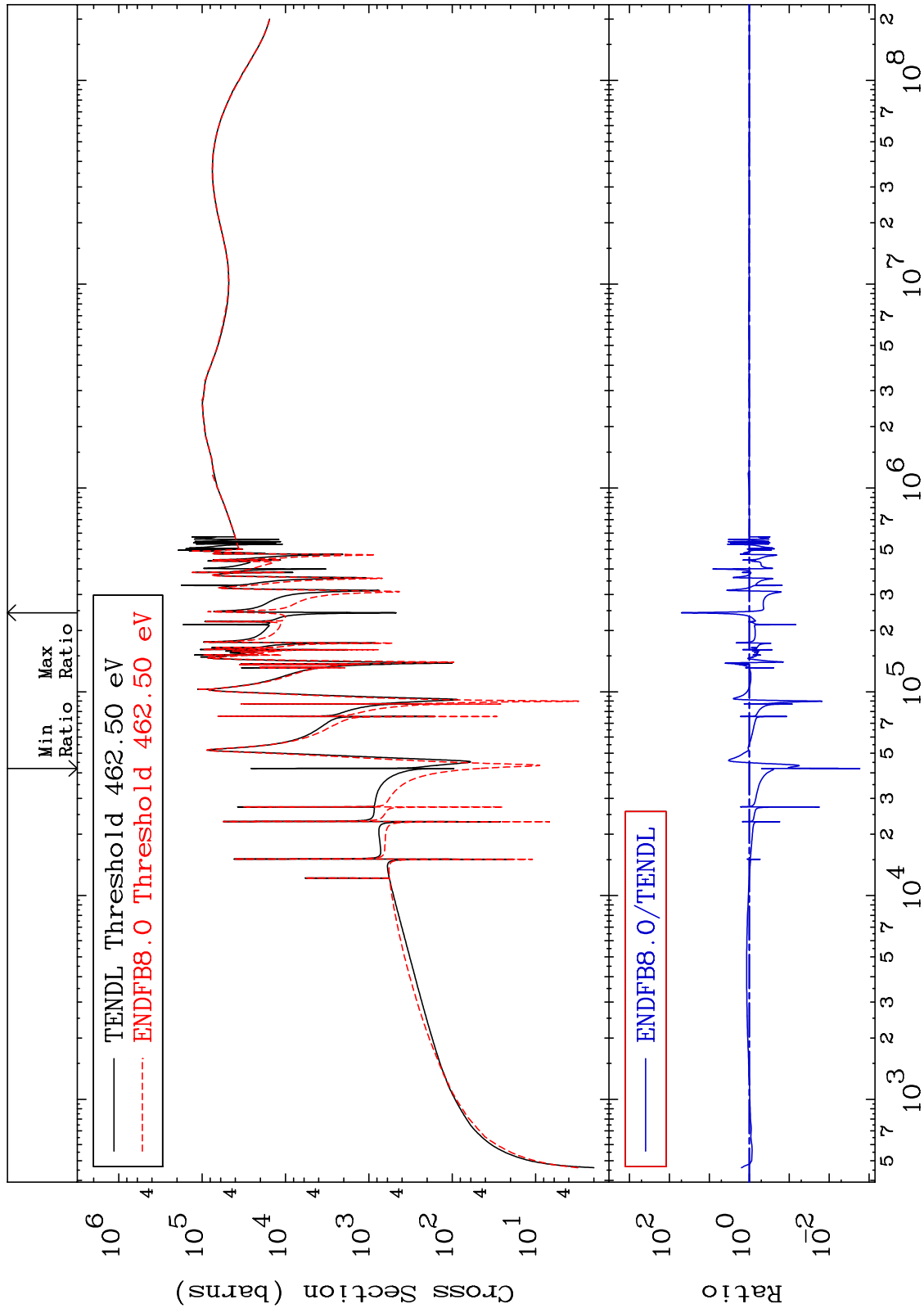
20-Ca-44
-99.83 To 4918. %

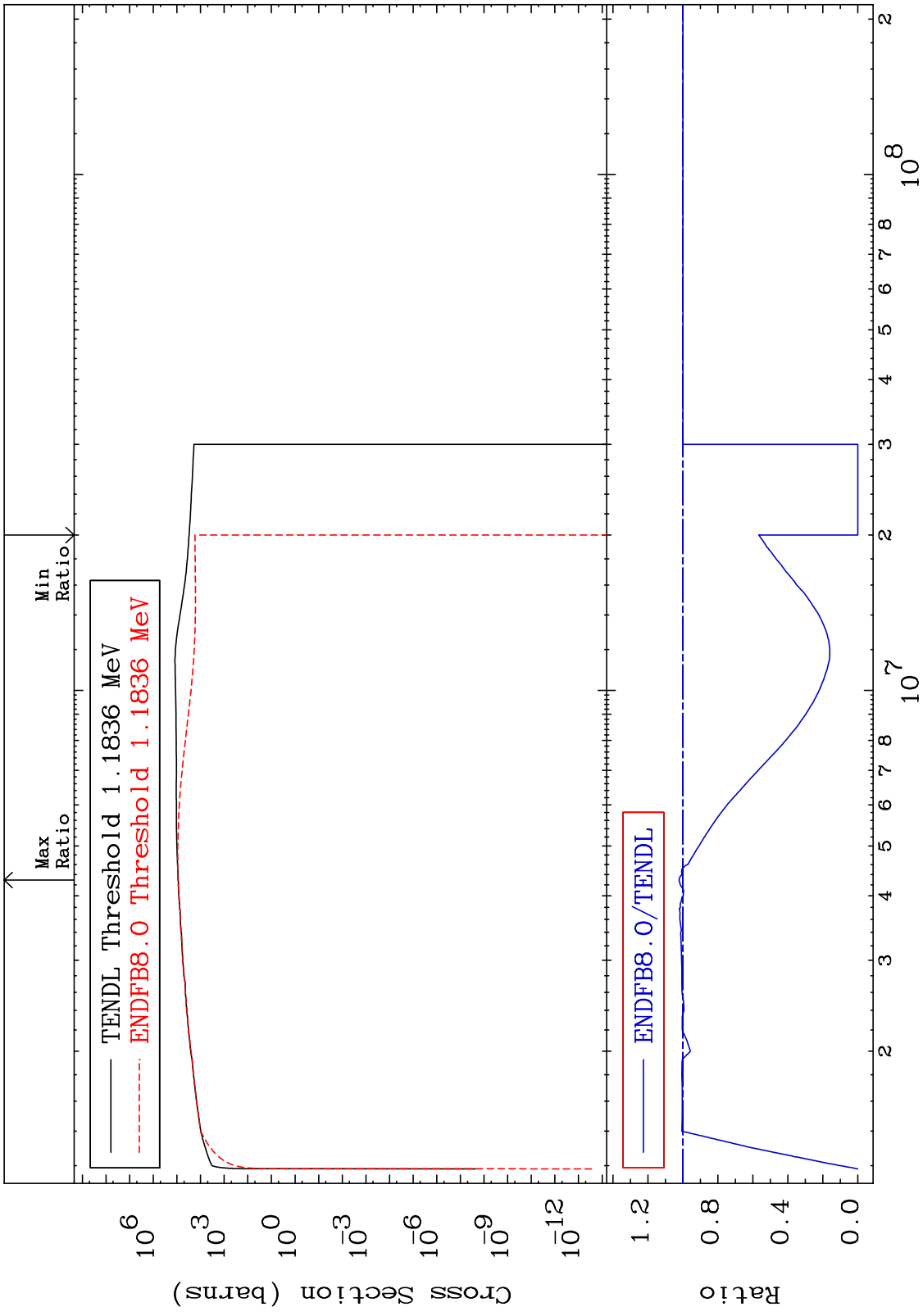


MAT 2037

Dpa elastic (mt2)
Cross Section

20-Ca-44
-99.83 To 4919. %





MAT 2037

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-44
-100.0 To 1317. %

