

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

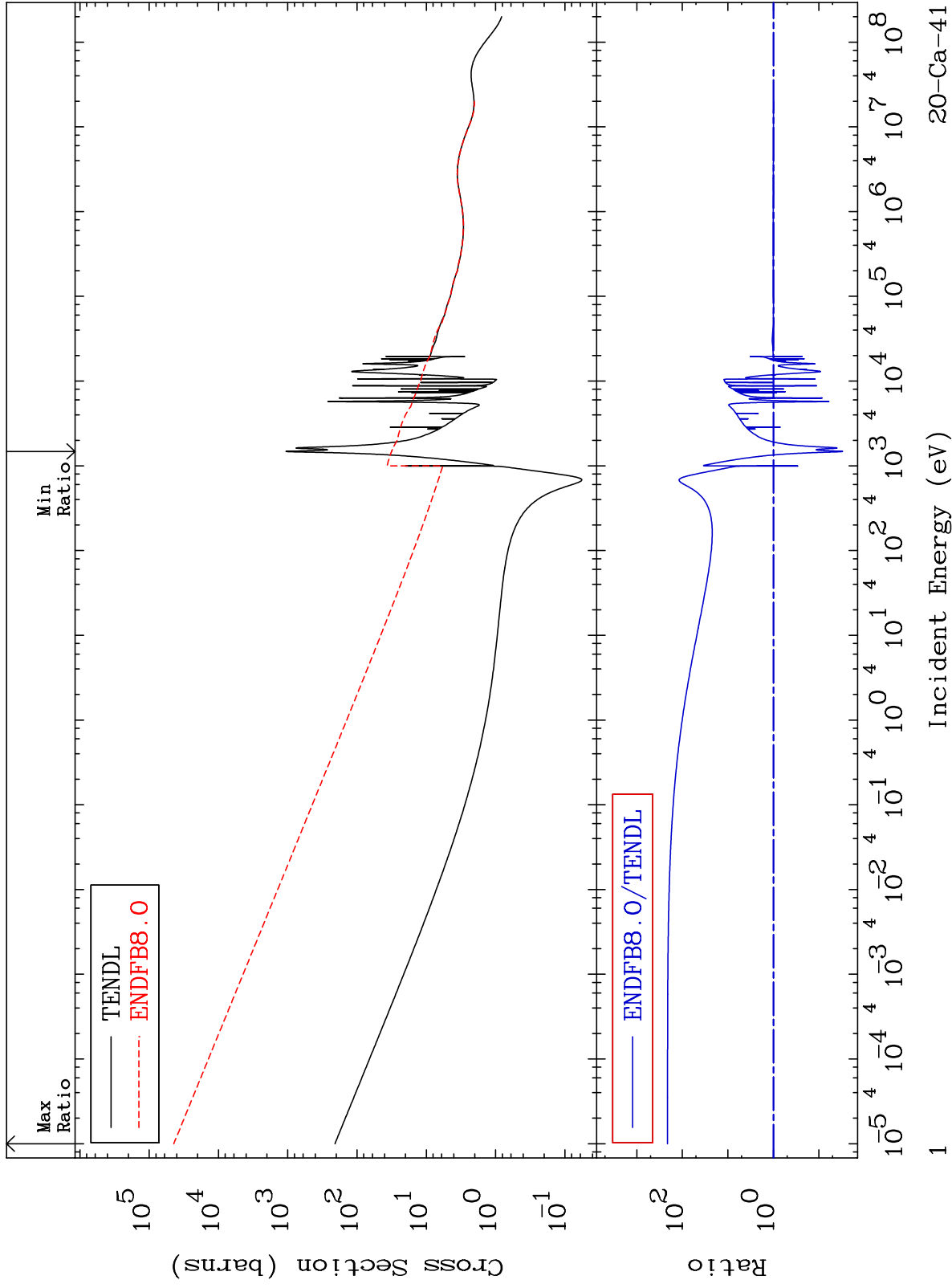
MAT 2028

Total

20-Ca-41

-97.00 To 9999. %

Cross Section



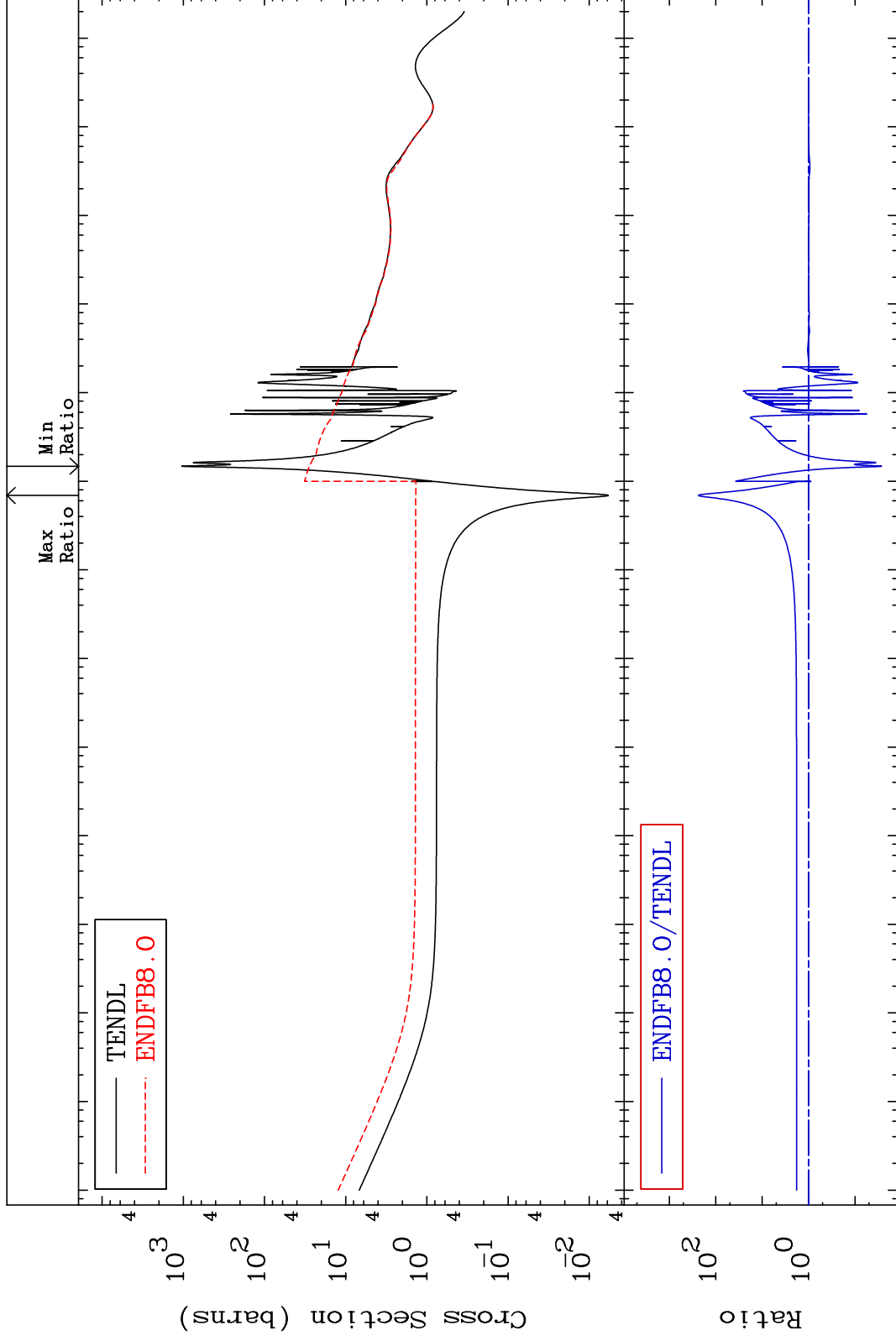
MAT 2028

Elastic

20-Ca-41

-97.33 To 9999. %

Cross Section



2

Incident Energy (eV)

20-Ca-41

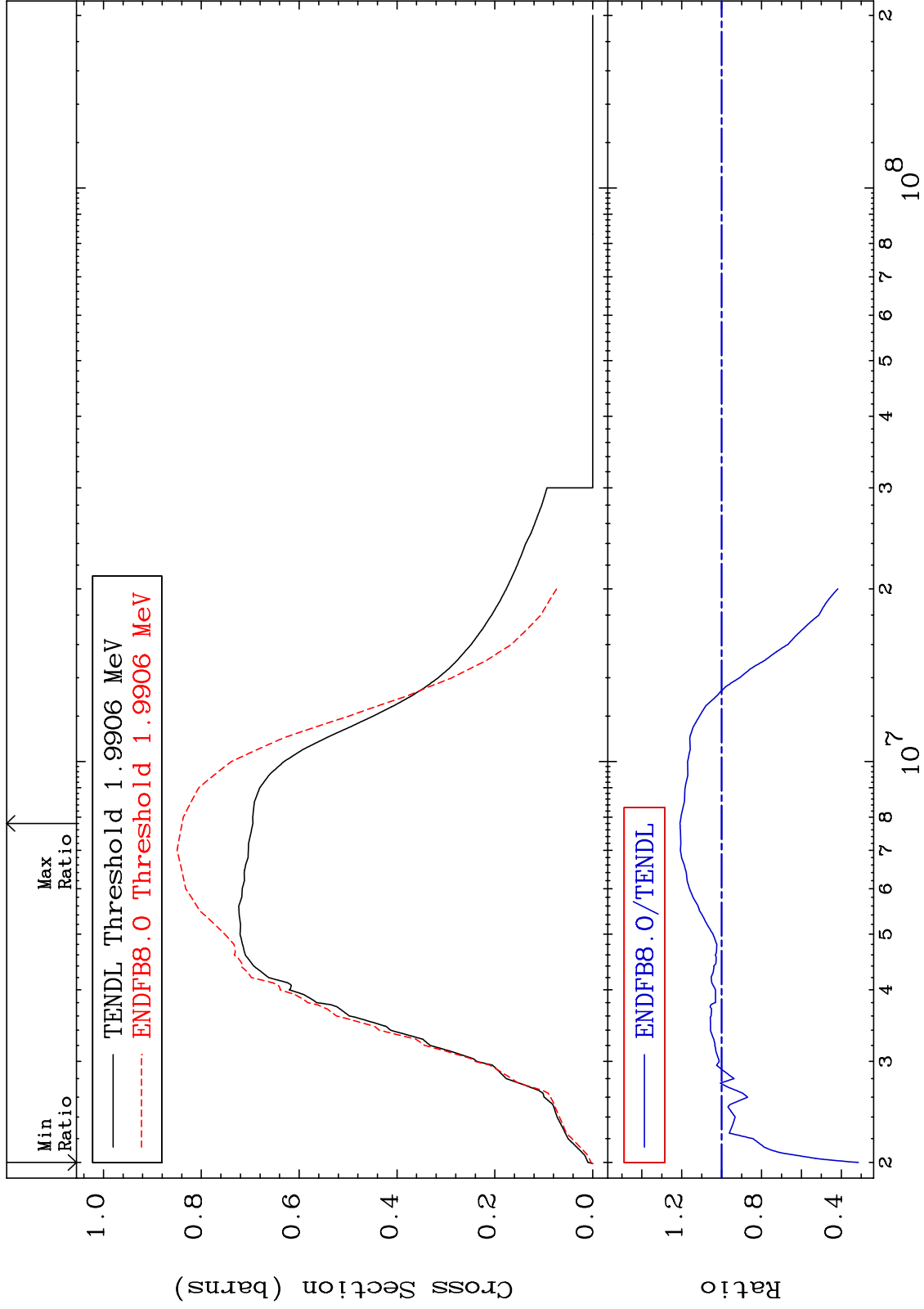
MAT 2028

Inelastic

20-Ca-41

Cross Section

-68.56 To 20.86 %



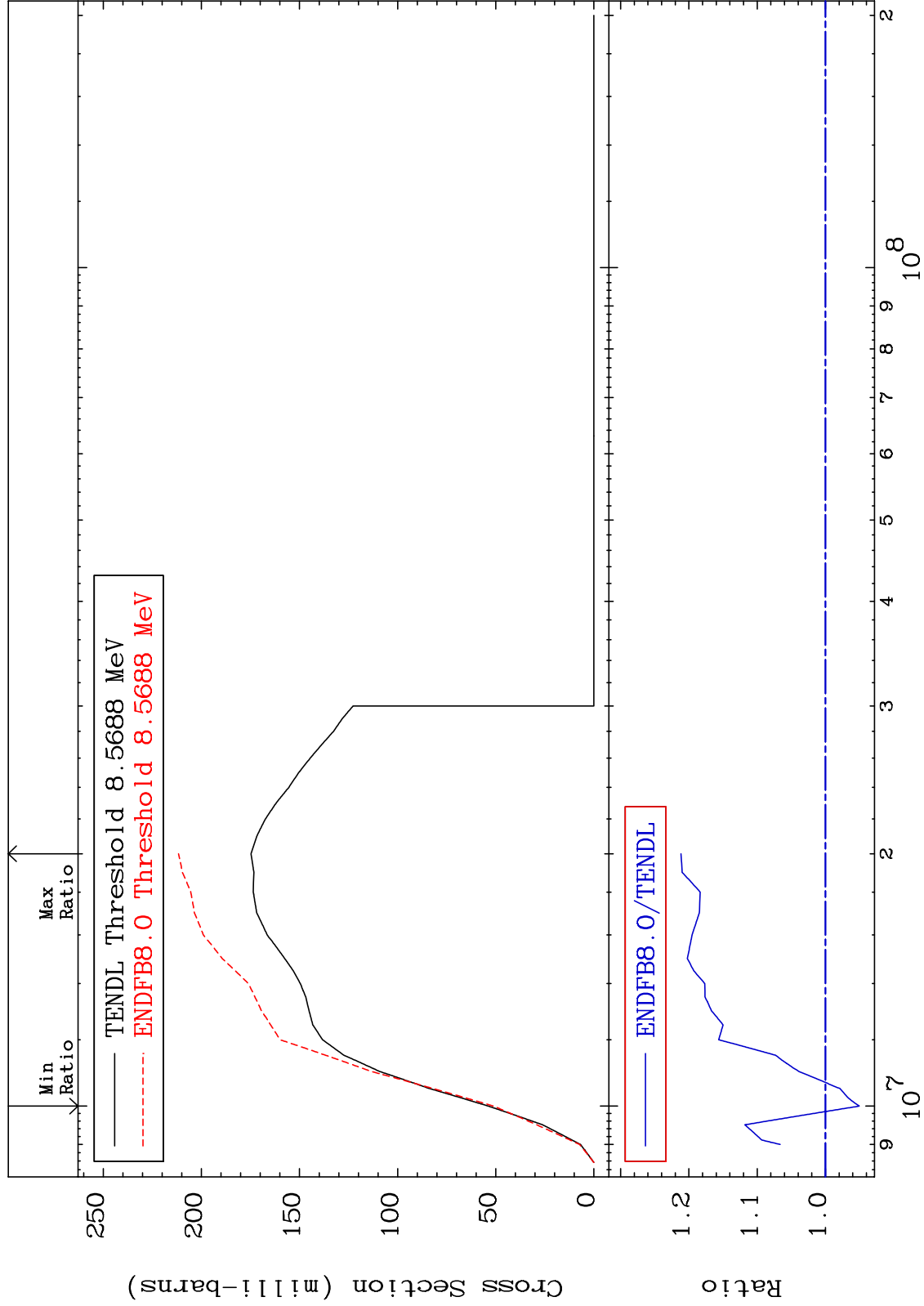
MAT 2028

(n, 2n)

20-Ca-41

Cross Section

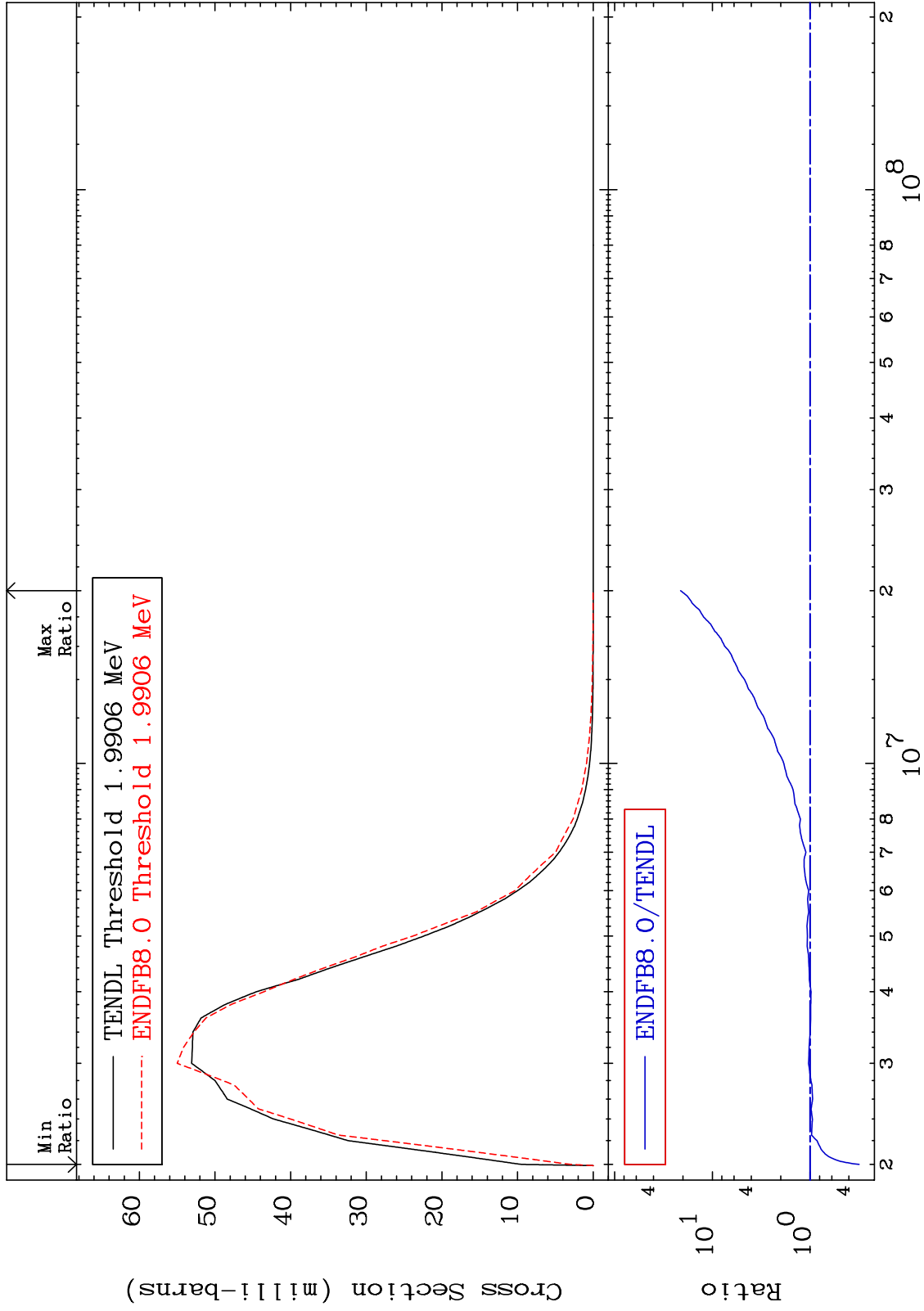
-4.949 To 21.15 %



MAT 2028

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

20-Ca-41
-68.56 To 2011. %



5

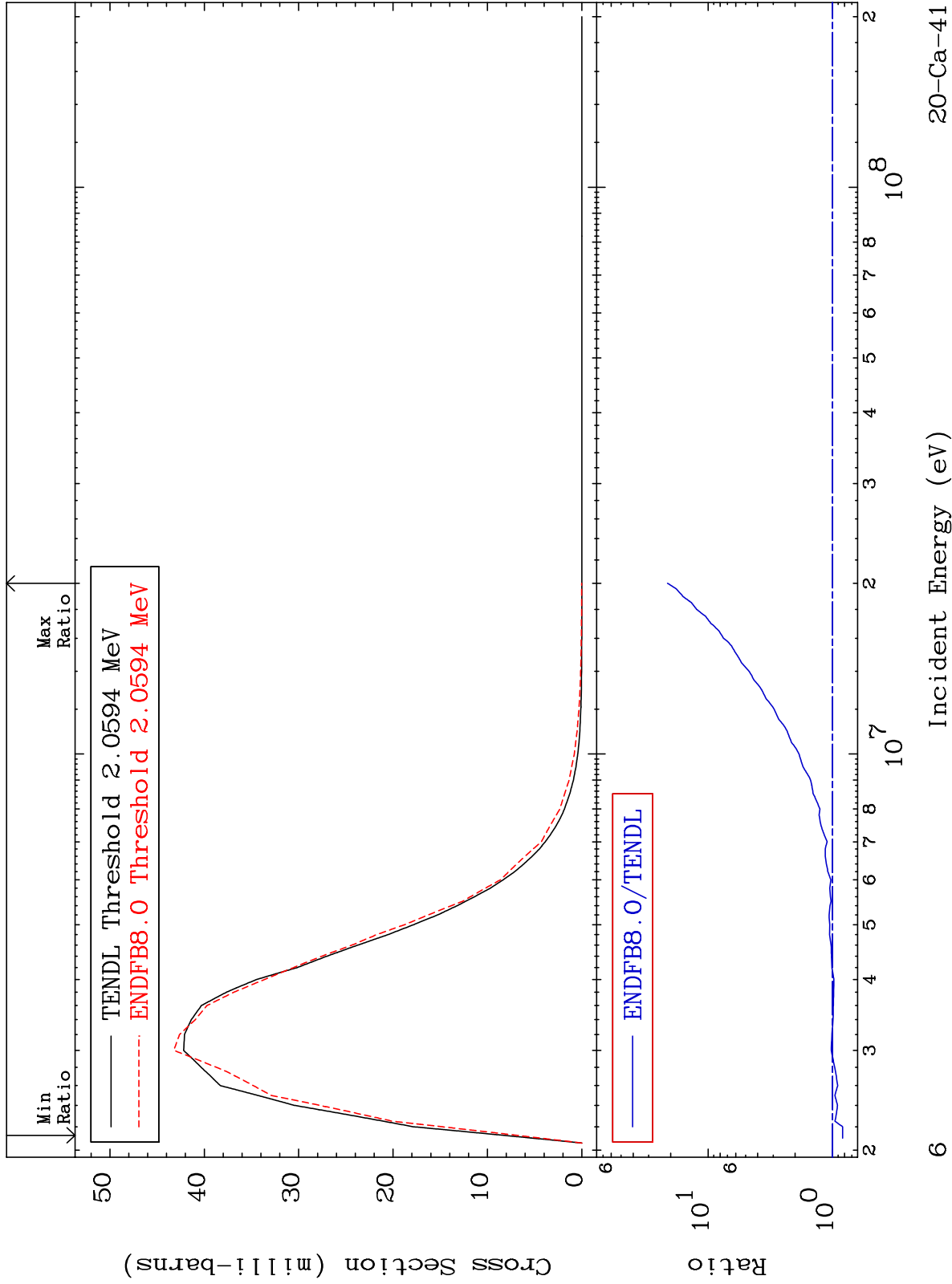
Incident Energy (eV)

20-Ca-41

MAT 2028

MT= 52 (n,n') Level
Cross Section

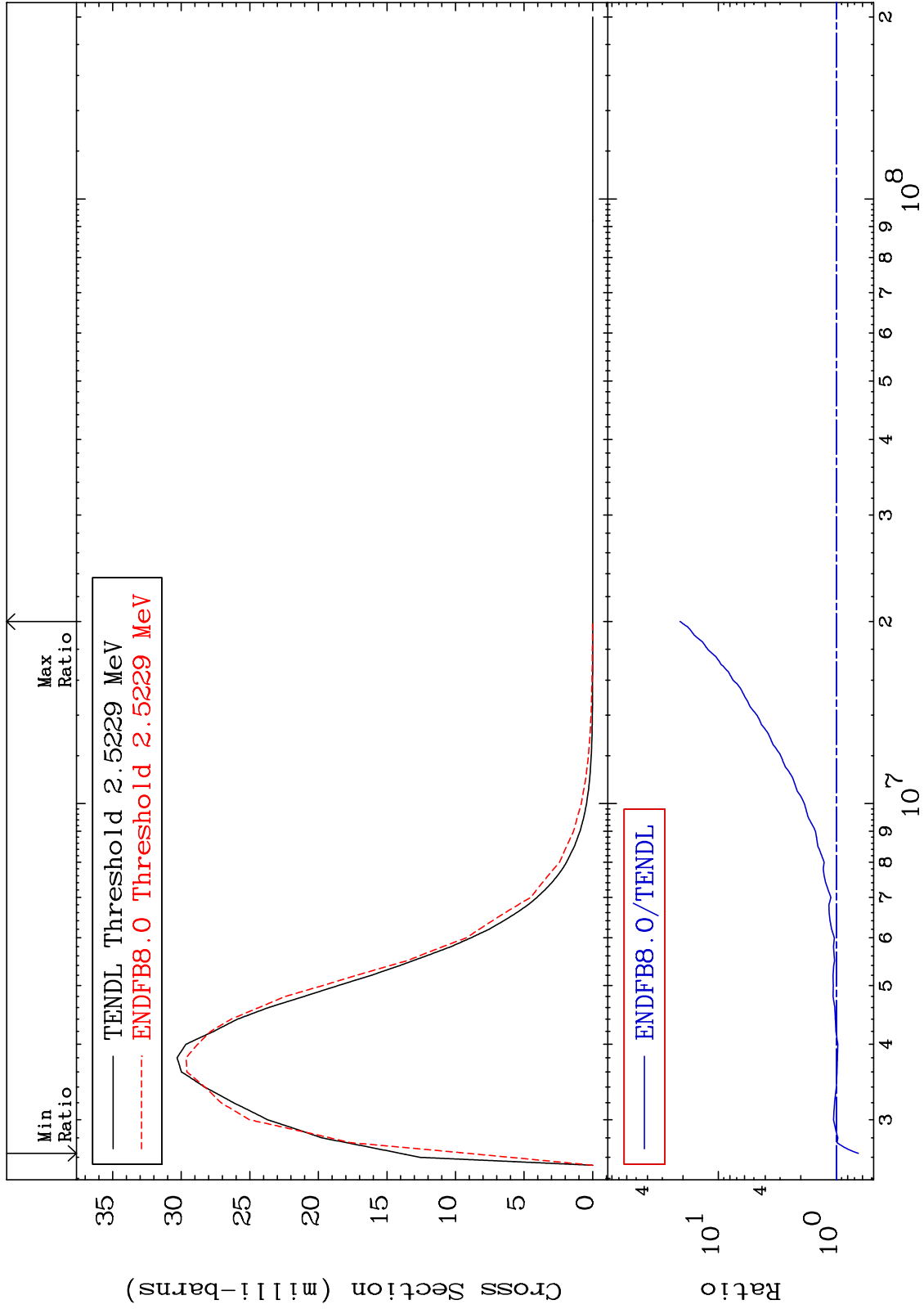
20-Ca-41
-17.11 To 2017. %



MAT 2028

MT= 53 (n,n') Level
Cross Section

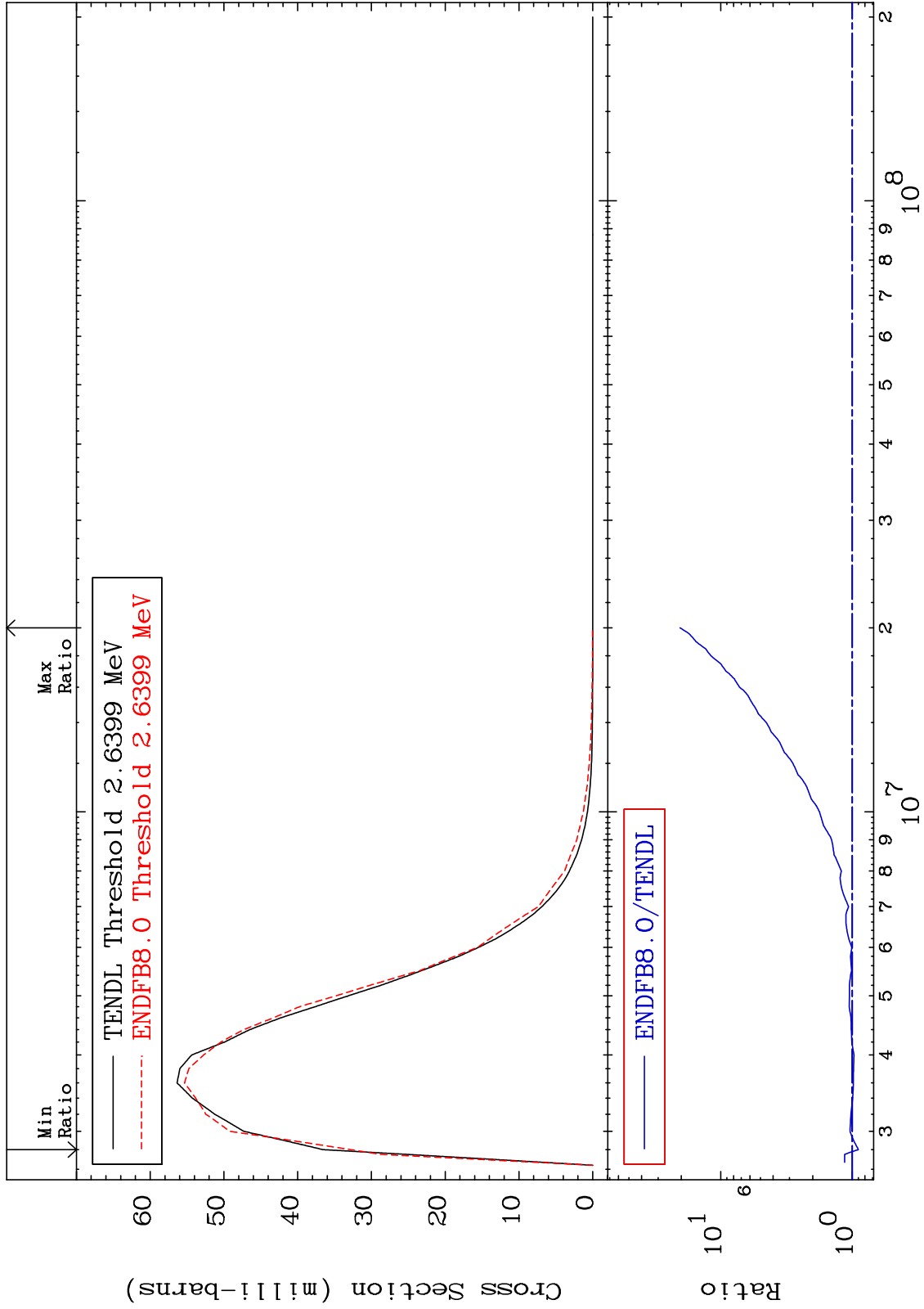
20-Ca-41
-35.13 To 2018. %



MAT 2028

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

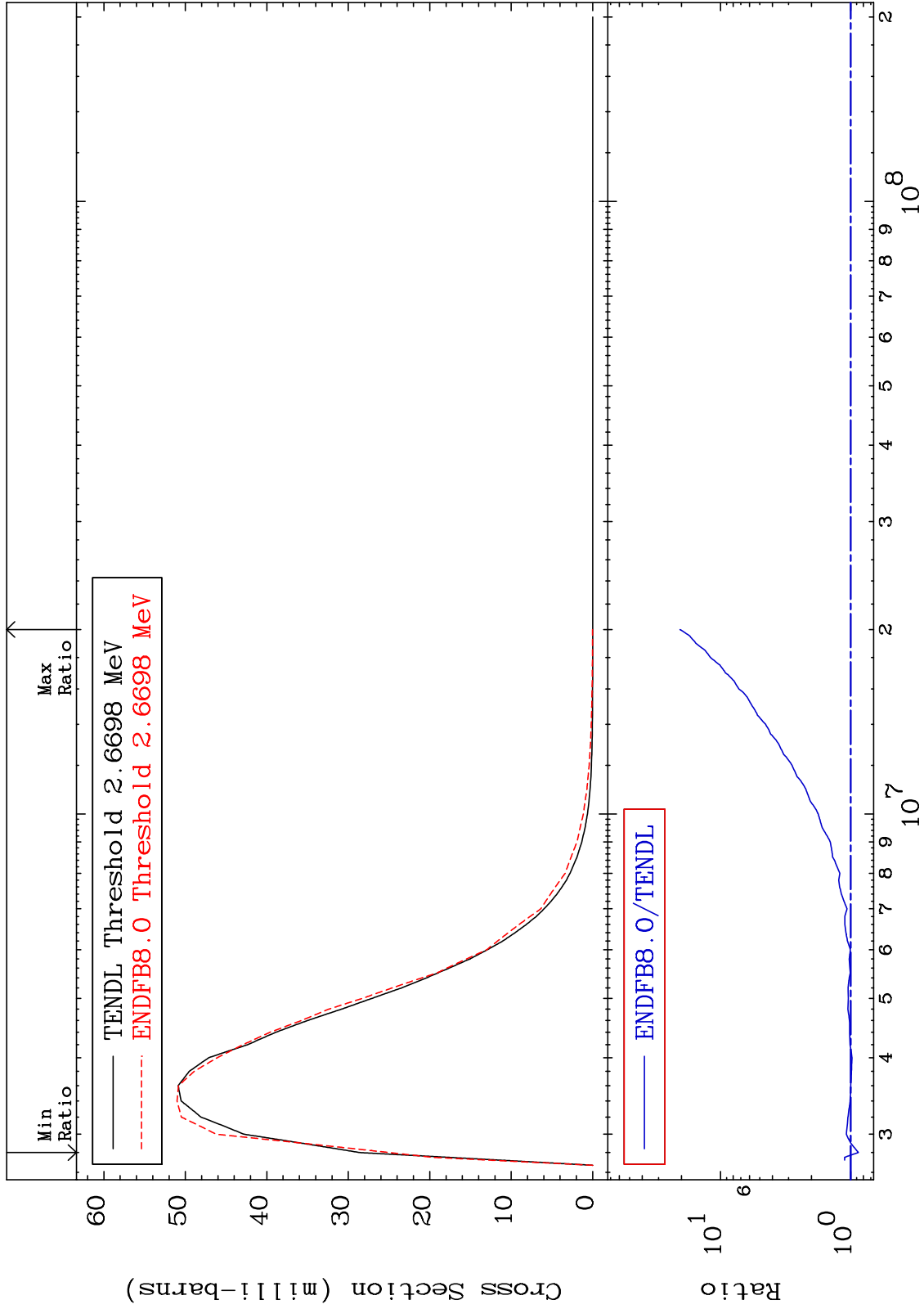
20-Ca-41
-10.21 To 1943. %



MAT 2028

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

20-Ca-41
-12.71 To 1951. %



9

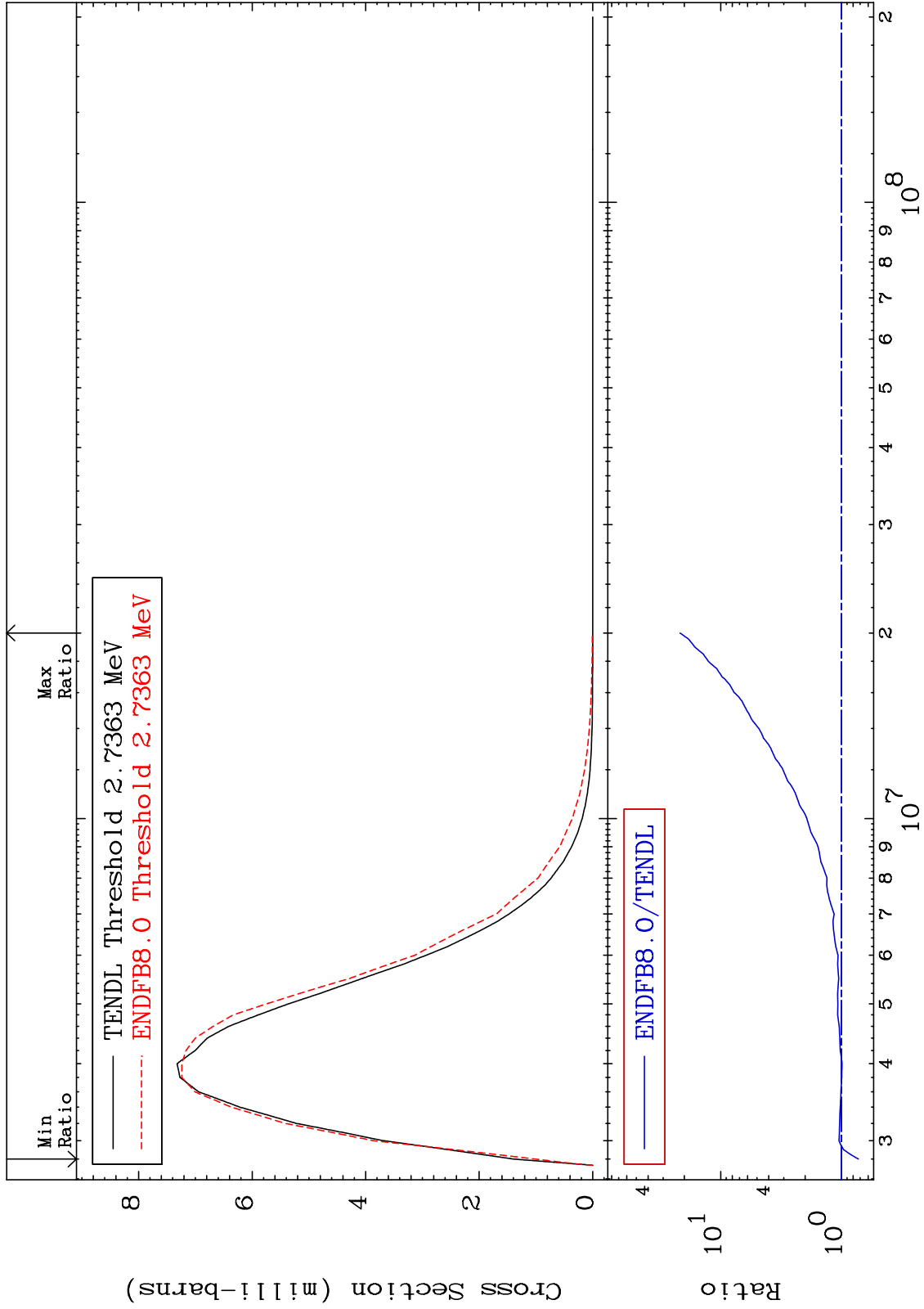
Incident Energy (eV)

20-Ca-41

MAT 2028

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

20-Ca-41
-27.63 To 2072. %



10

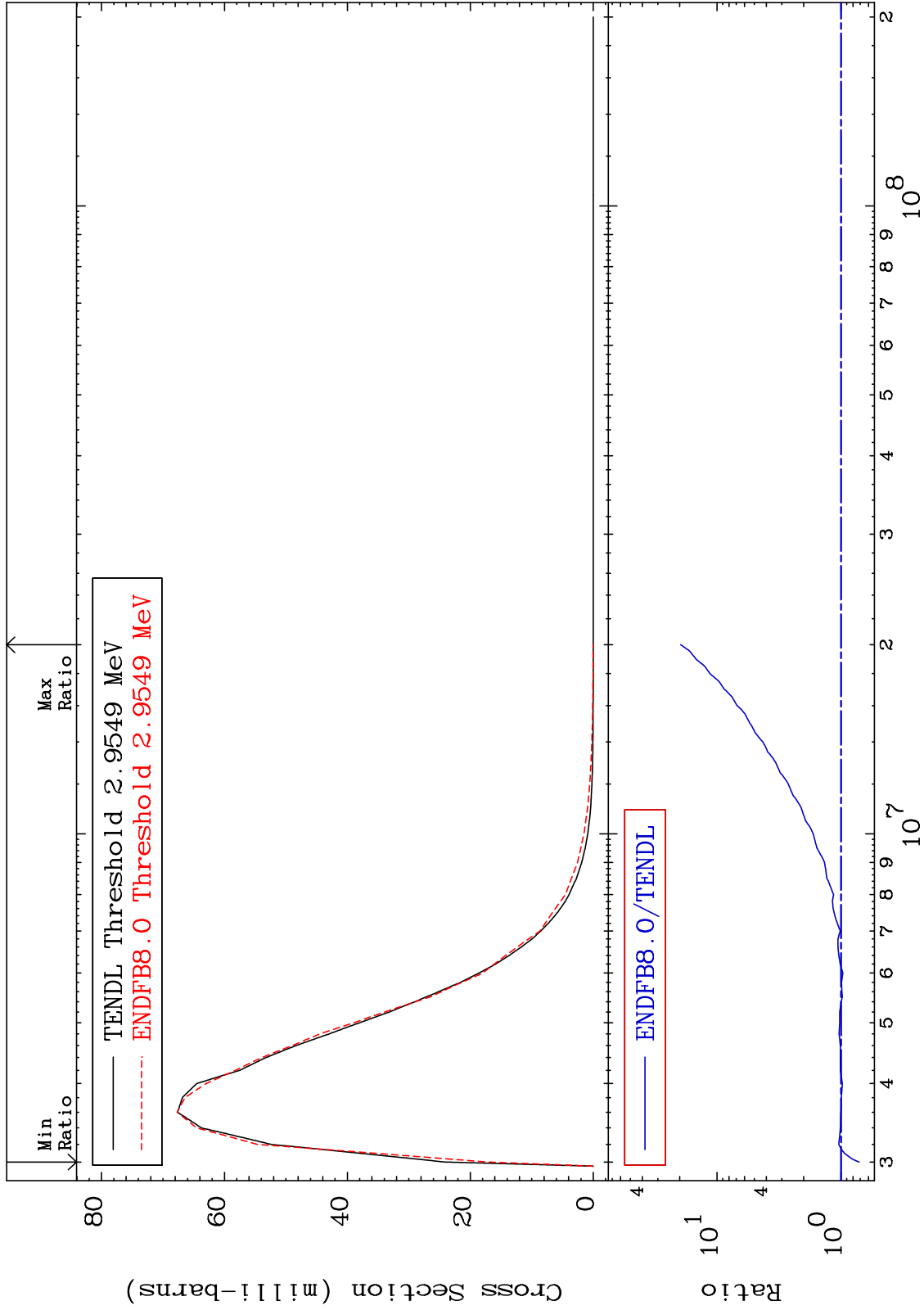
Incident Energy (eV)

20-Ca-41

MAT 2028

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

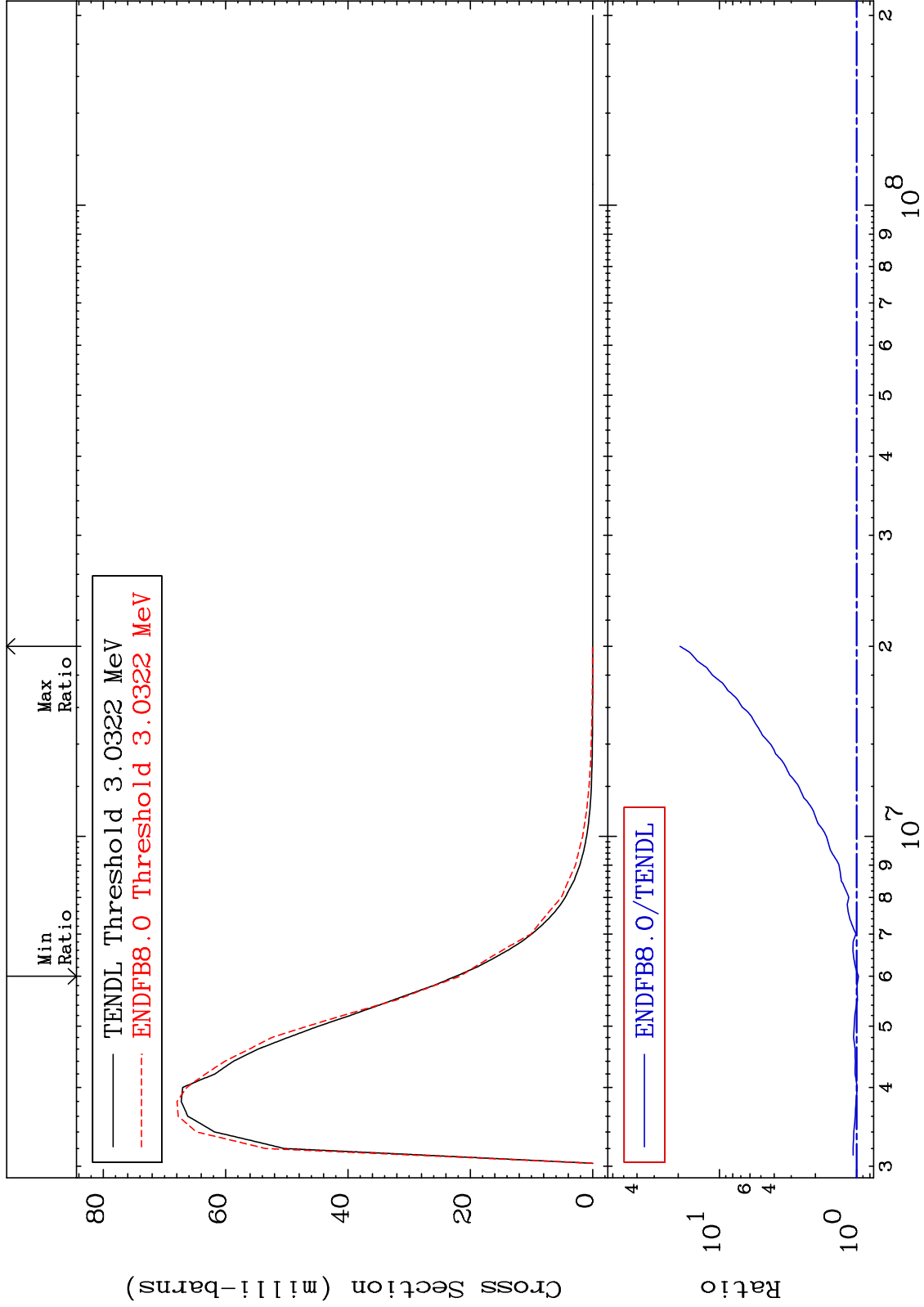
20-Ca-41
-28.68 To 1865. %



MAT 2028

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

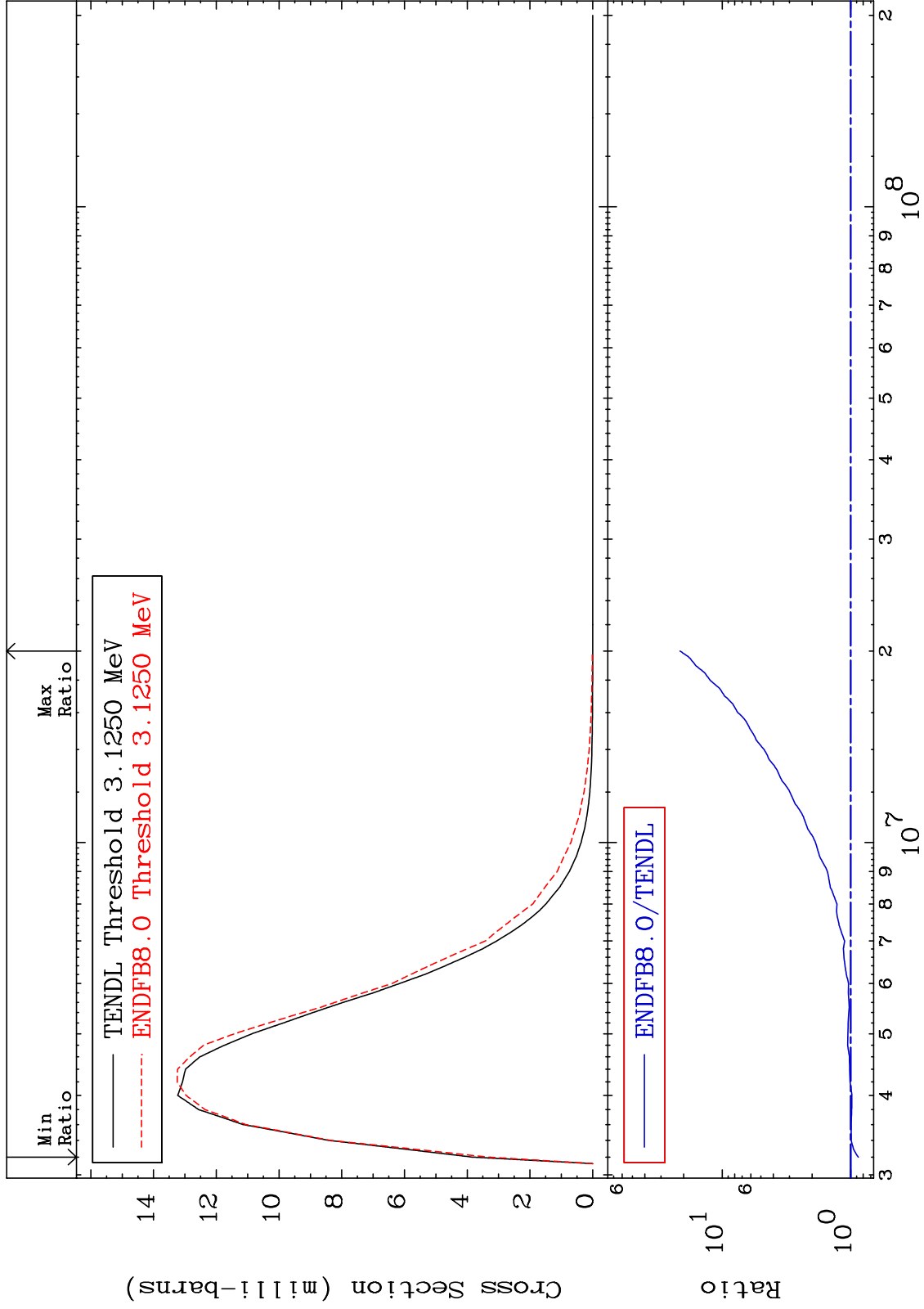
20-Ca-41
-2.961 To 1842. %



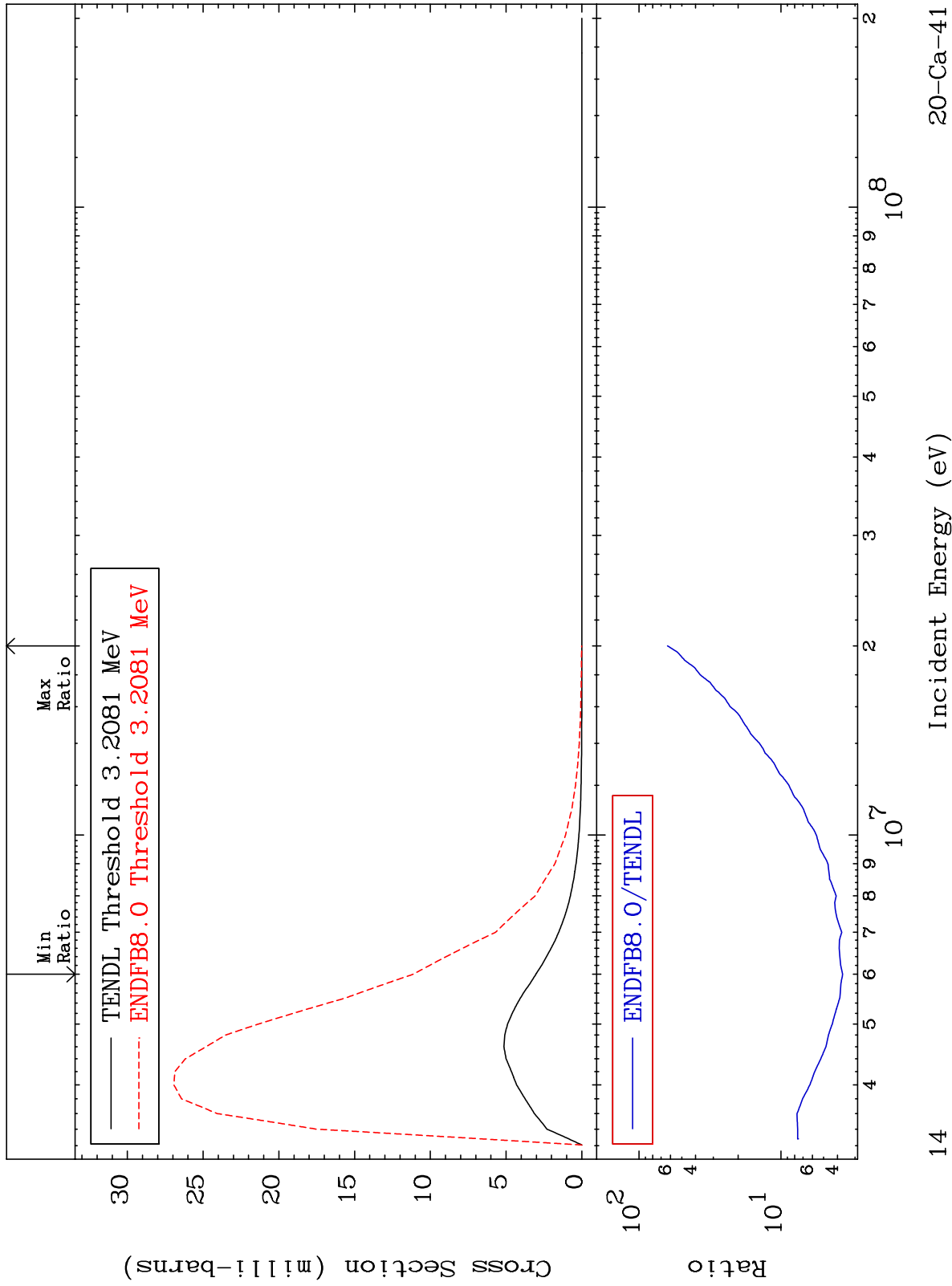
MAT 2028

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

20-Ca-41
-12.78 To 2031. %



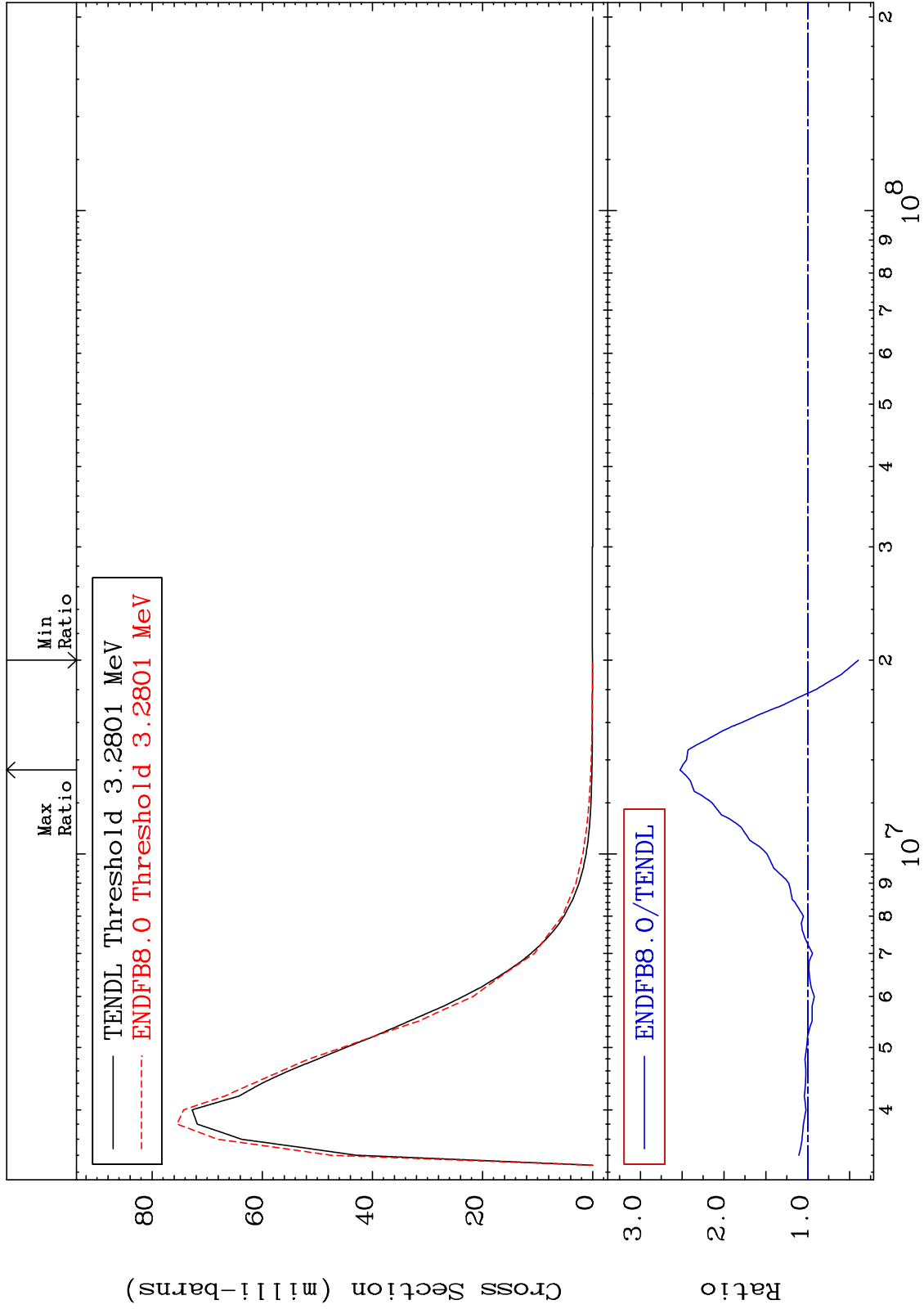
MAT 2028 MT= 60 (n,n') Level Cross Section 20-Ca-41 267.3 To 6195. %



MAT 2028

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

20-Ca-41
-60.57 To 152.6 %



15

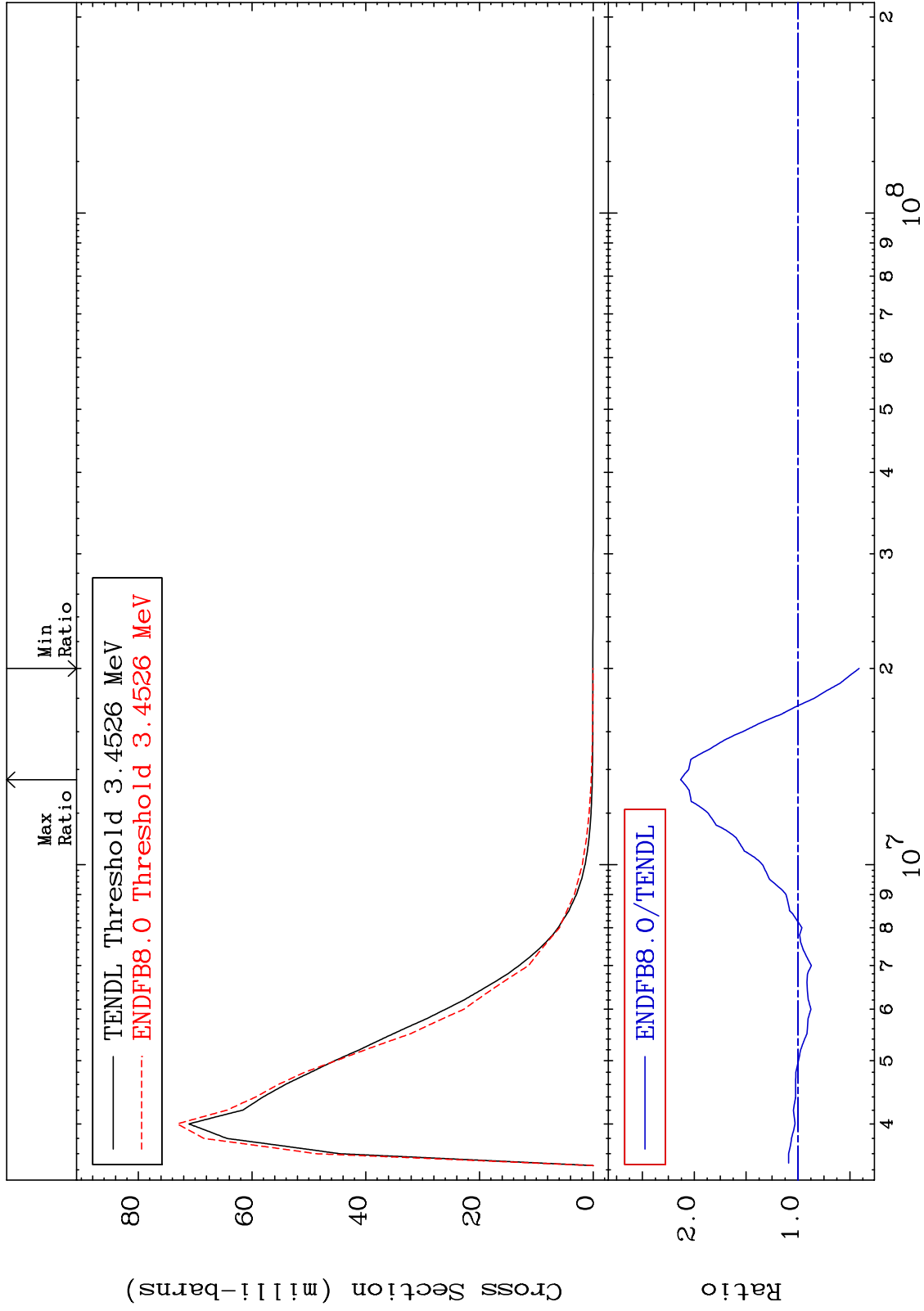
Incident Energy (eV)

20-Ca-41

MAT 2028

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

20-Ca-41
-58.96 To 113.2 %



16

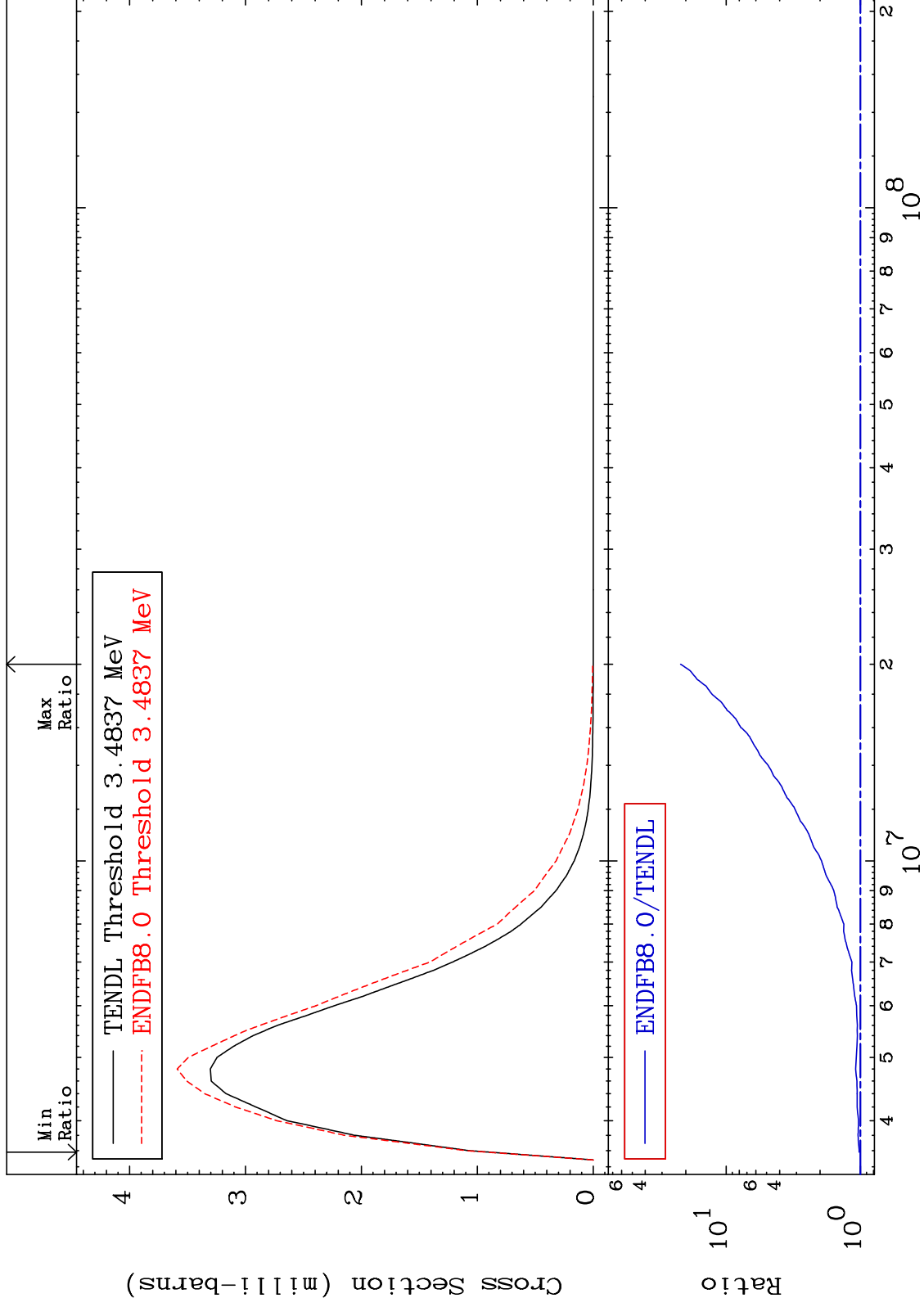
Incident Energy (eV)

20-Ca-41

MAT 2028

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

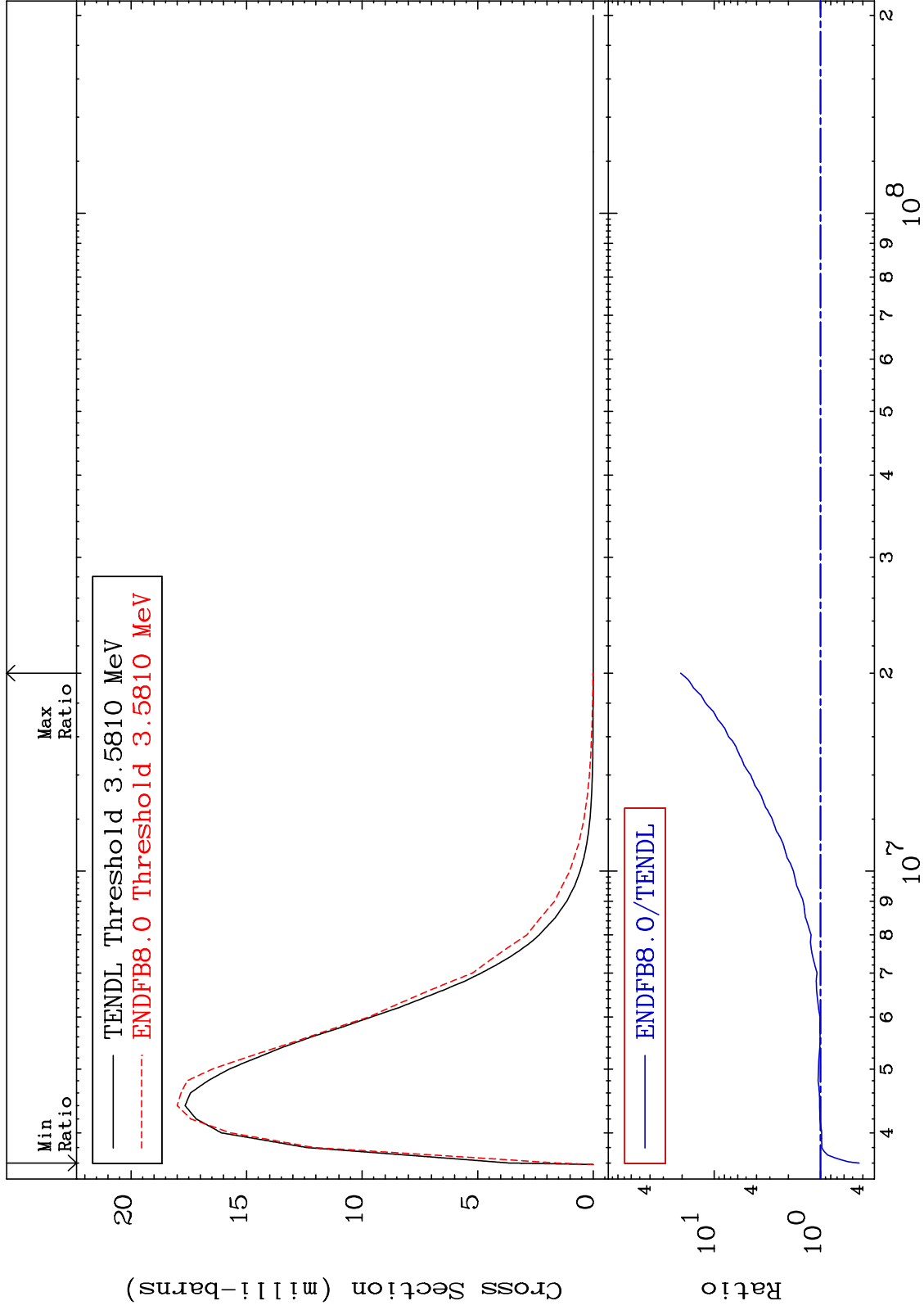
20-Ca-41
2.296 To 2083. %



MAT 2028

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

20-Ca-41
-56.66 To 1963. %



18

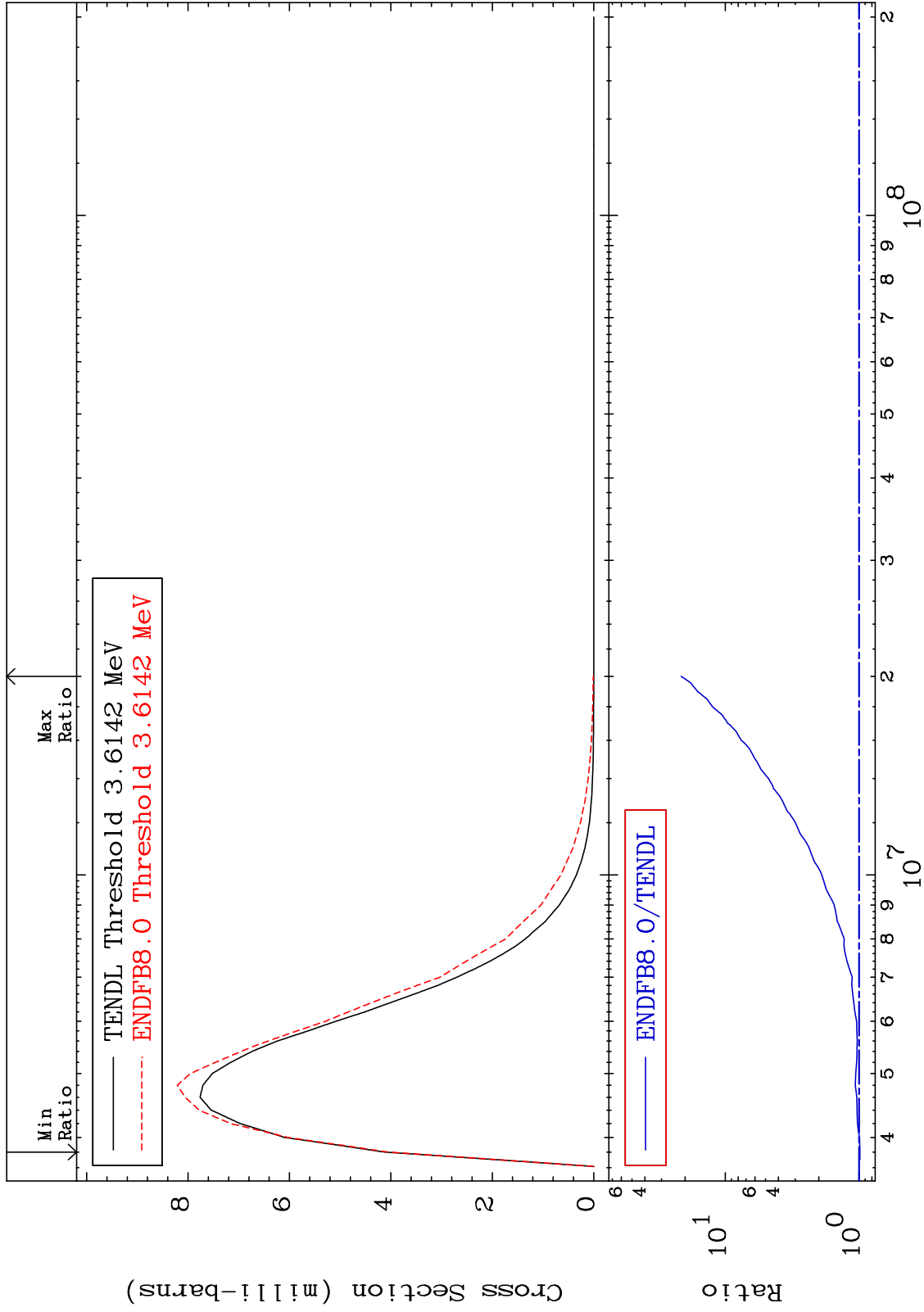
Incident Energy (eV)

20-Ca-41

MAT 2028

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

20-Ca-41
-1.725 To 2038. %



19

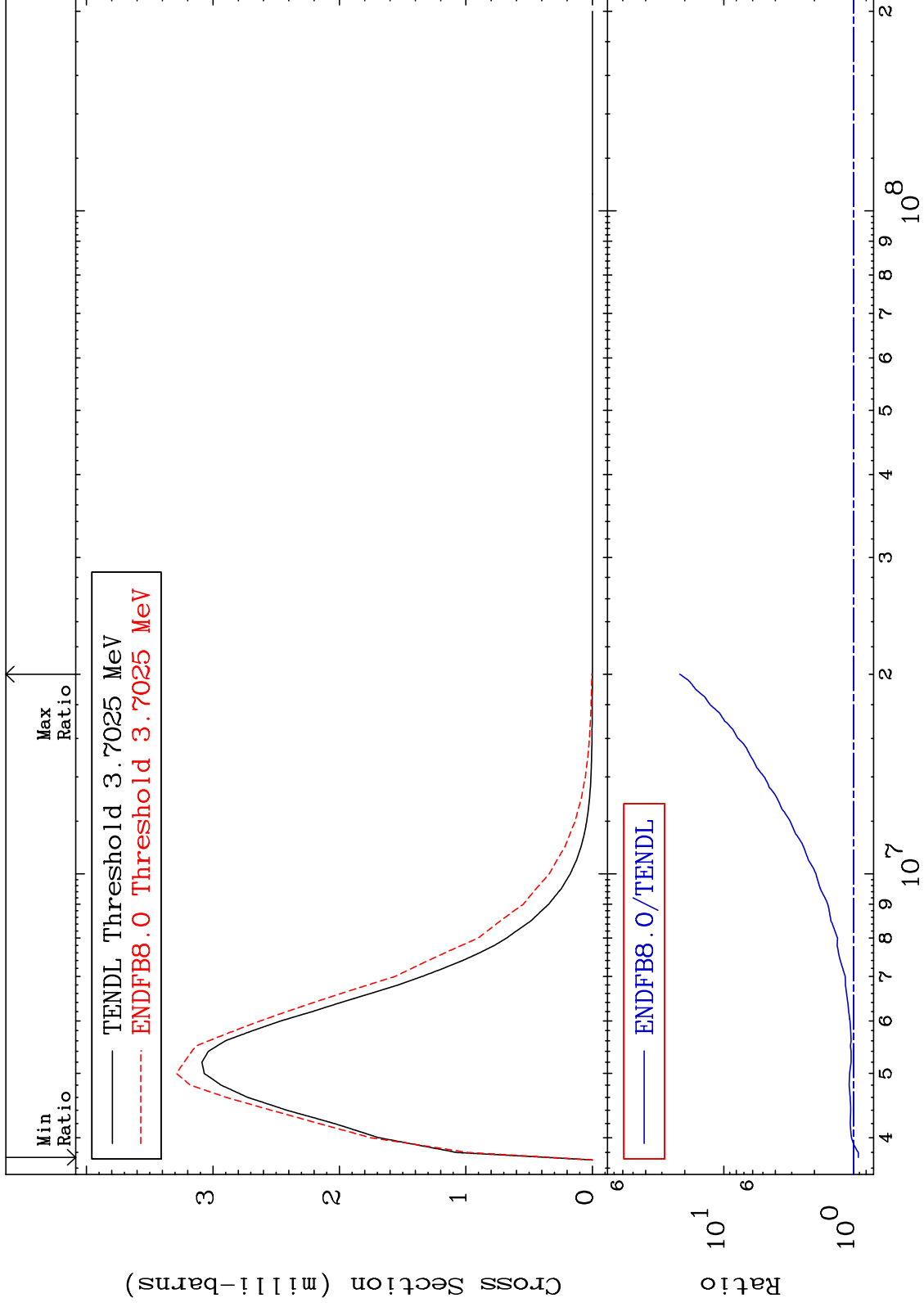
Incident Energy (eV)

20-Ca-41

MAT 2028

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

20-Ca-41
-8.144 To 2081. %



20

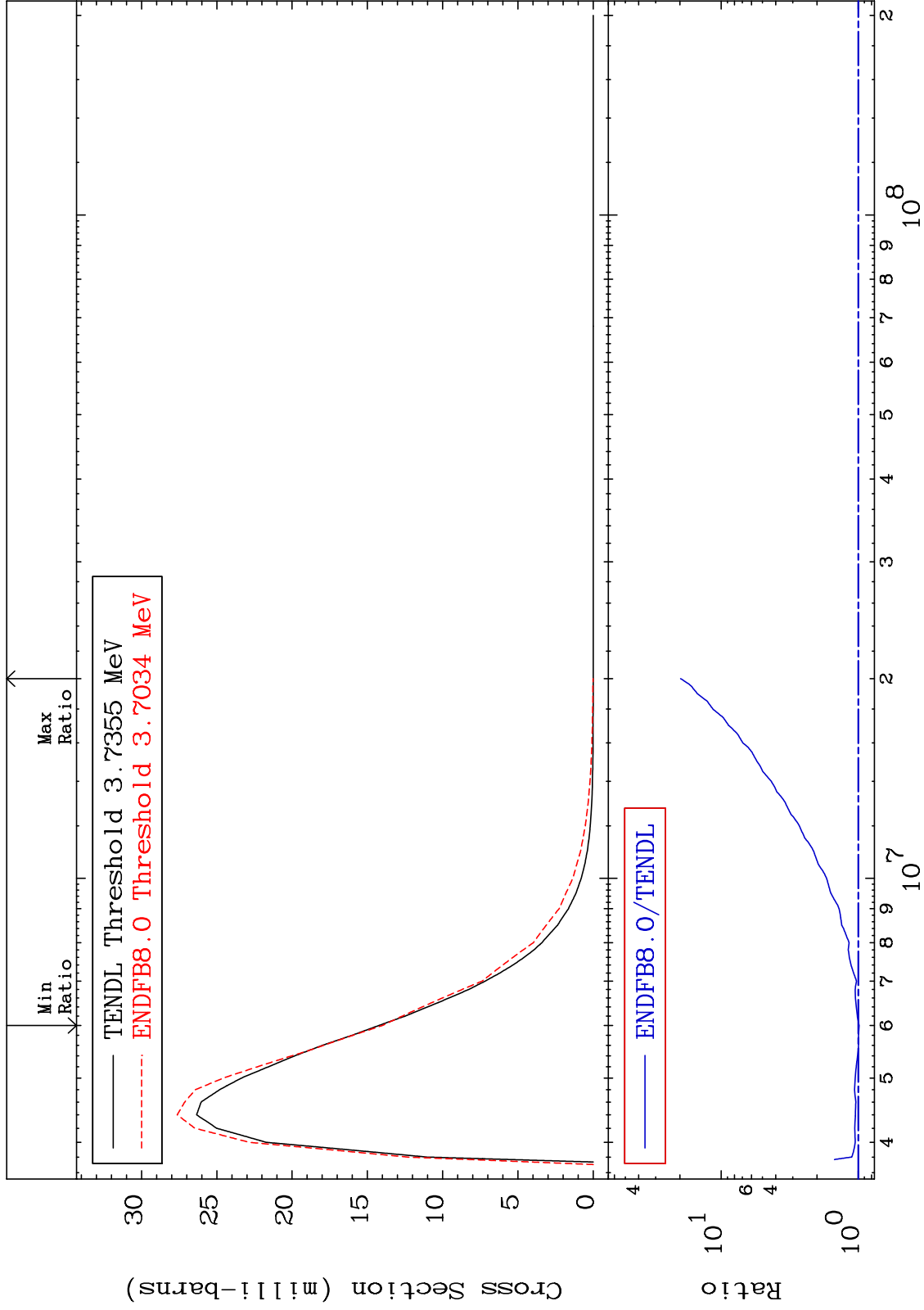
Incident Energy (eV)

20-Ca-41

MAT 2028

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

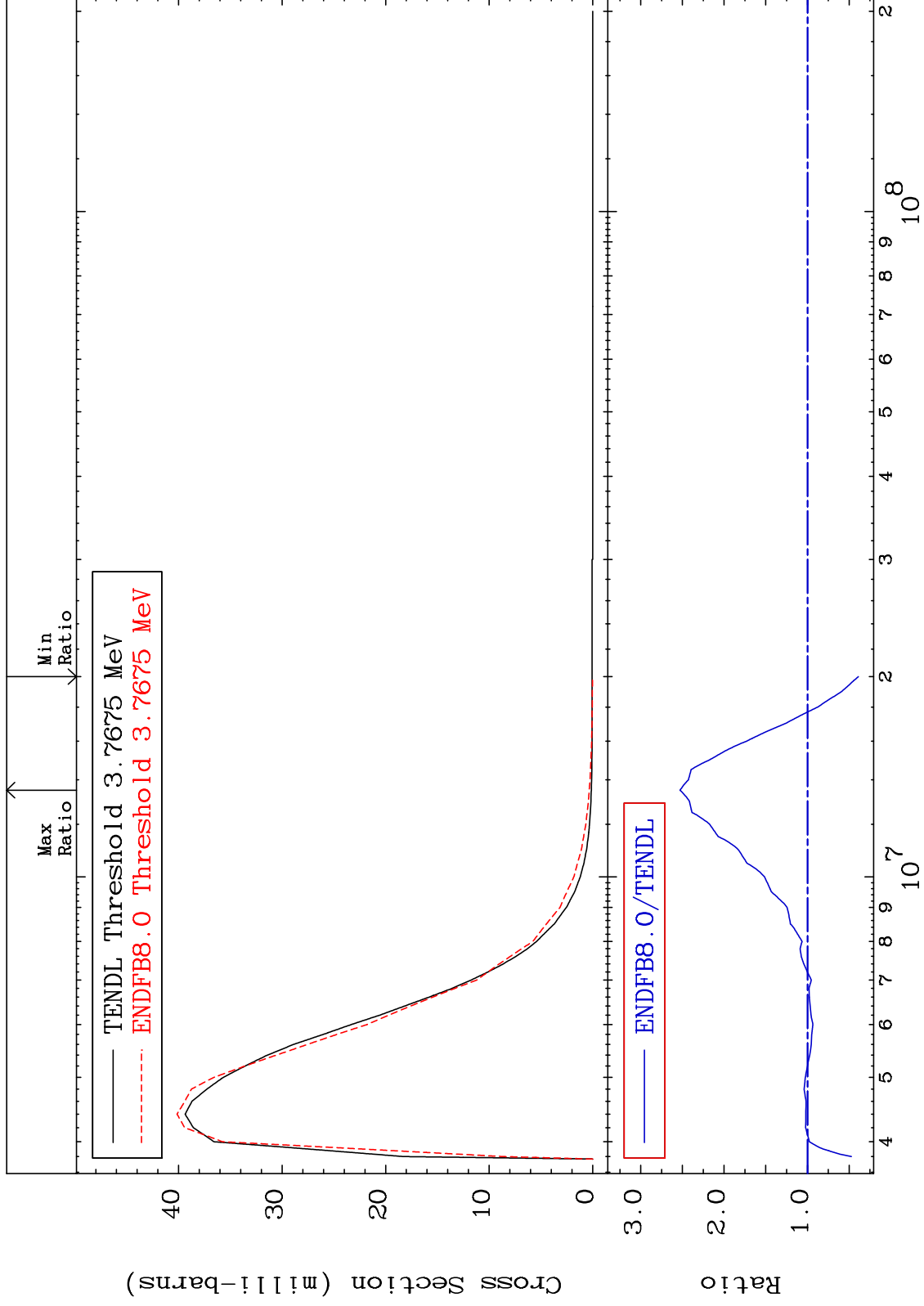
20-Ca-41
-1.637 To 1876. %



MAT 2028

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

20-Ca-41
-61.12 To 152.9 %

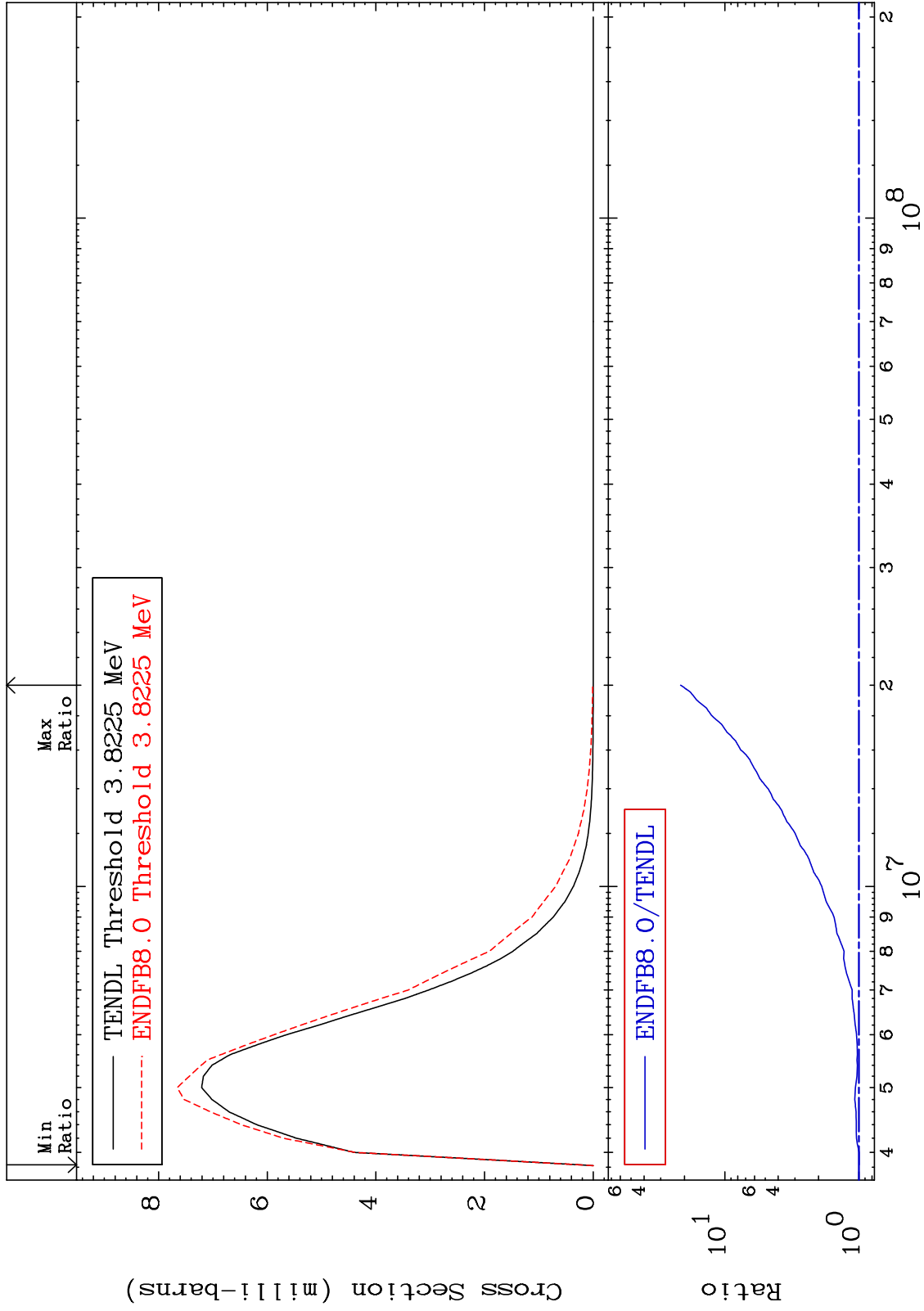


22

MAT 2028

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

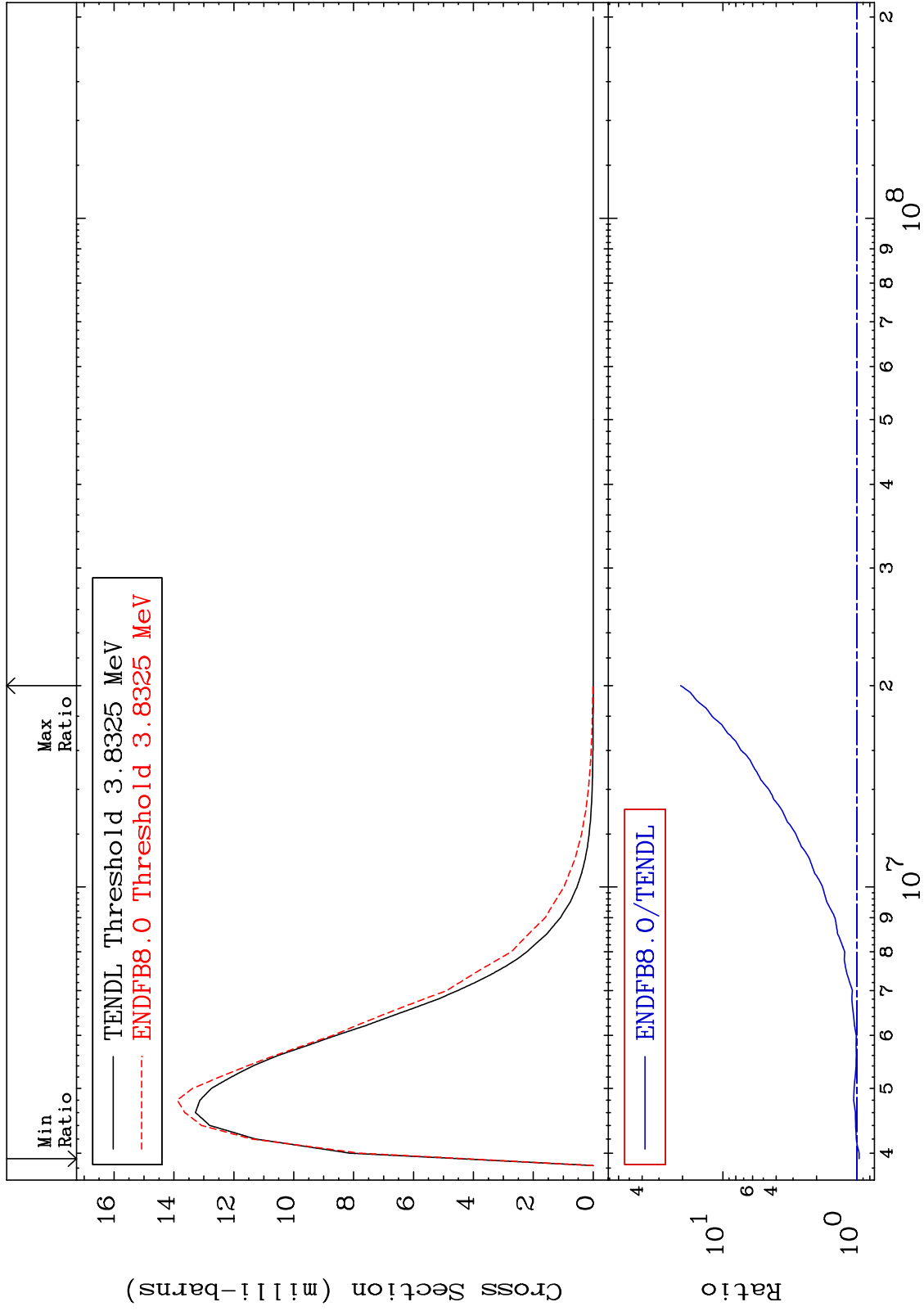
20-Ca-41
-0.406 To 2034. %



MAT 2028

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

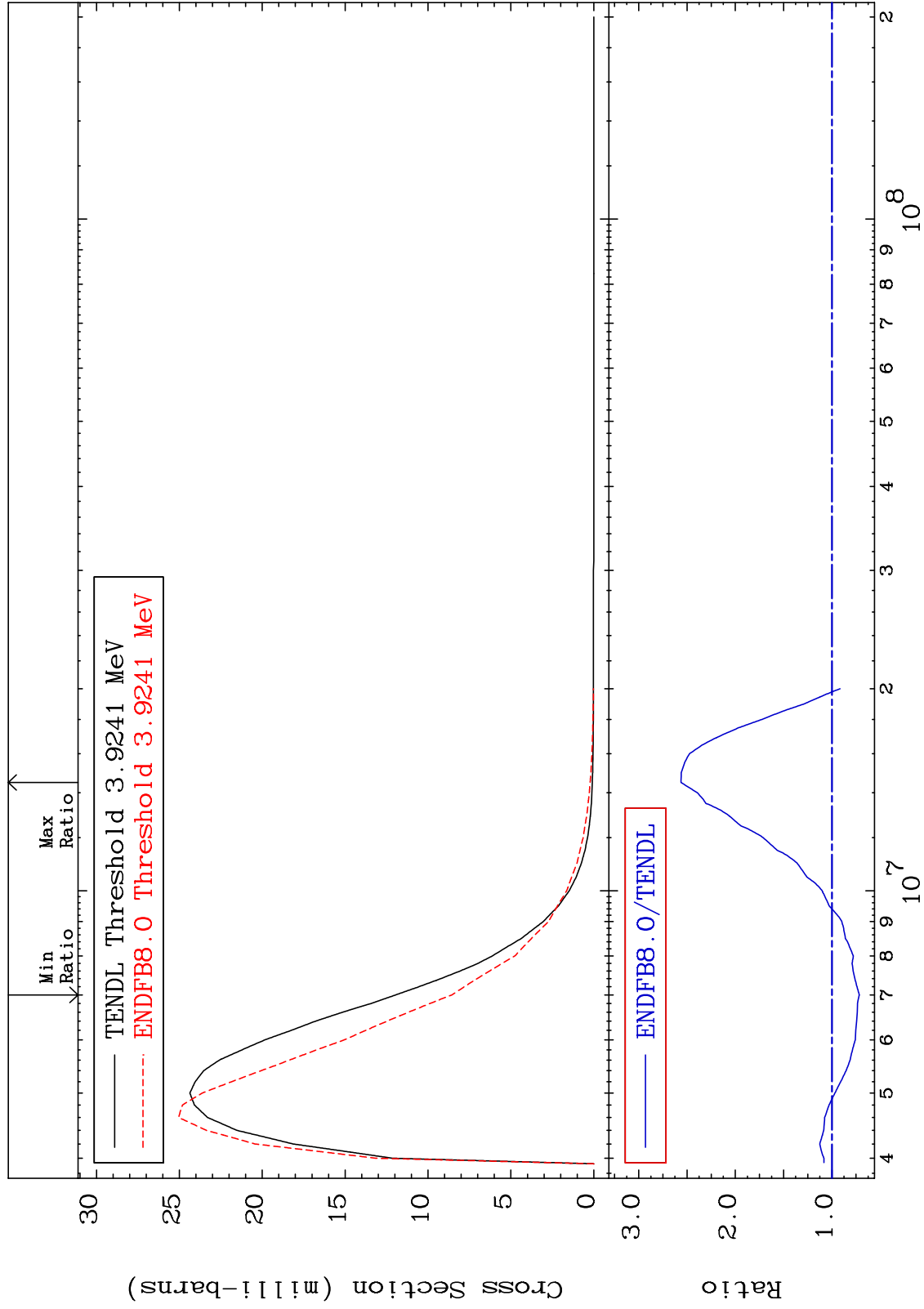
20-Ca-41
-3.786 To 1967. %



MAT 2028

MT= 71 (n,n') Level
Cross Section

20-Ca-41
-28.35 To 156.2 %



25

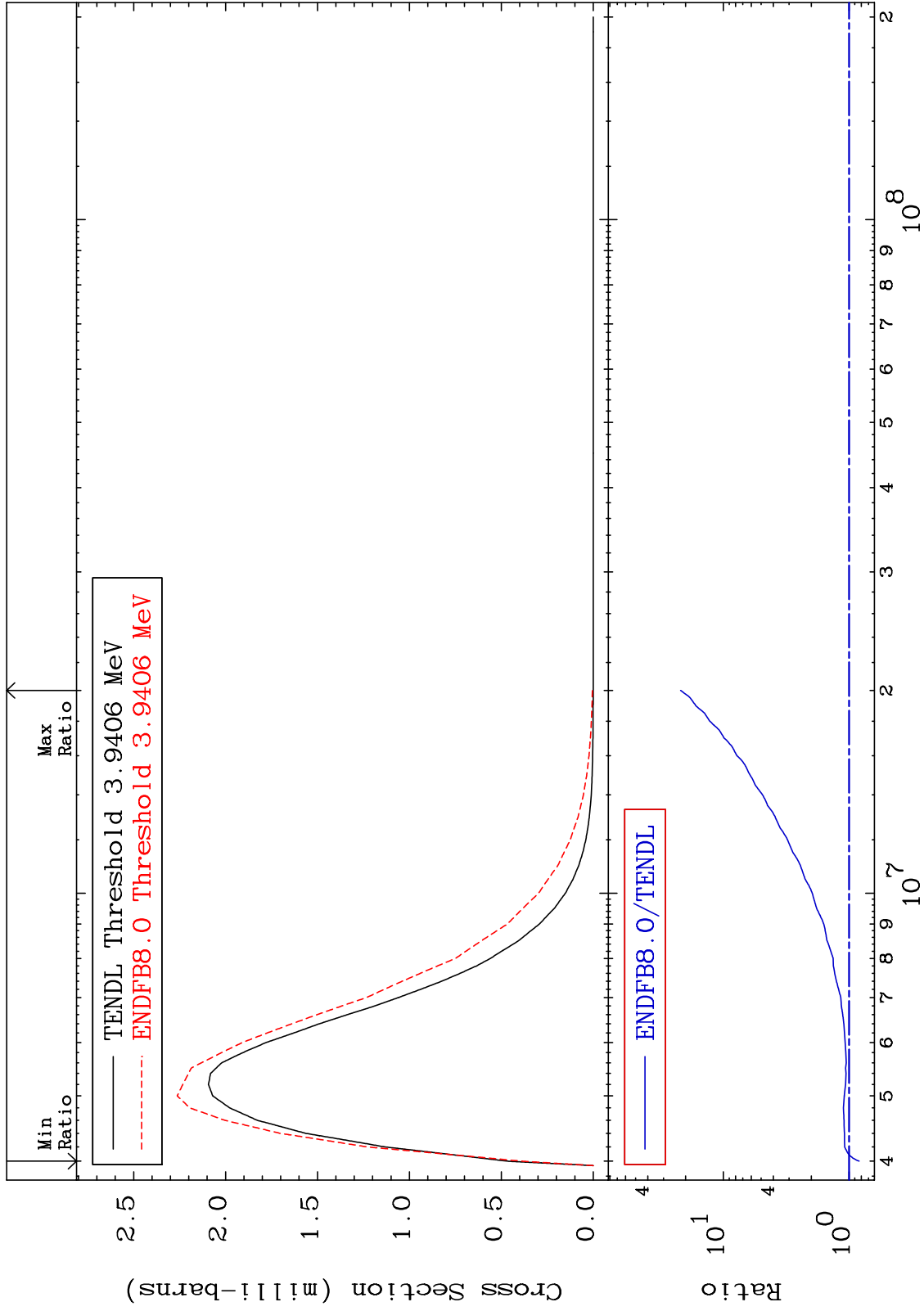
Incident Energy (eV)

20-Ca-41

MAT 2028

MT= 72 (n,n') Level
Cross Section

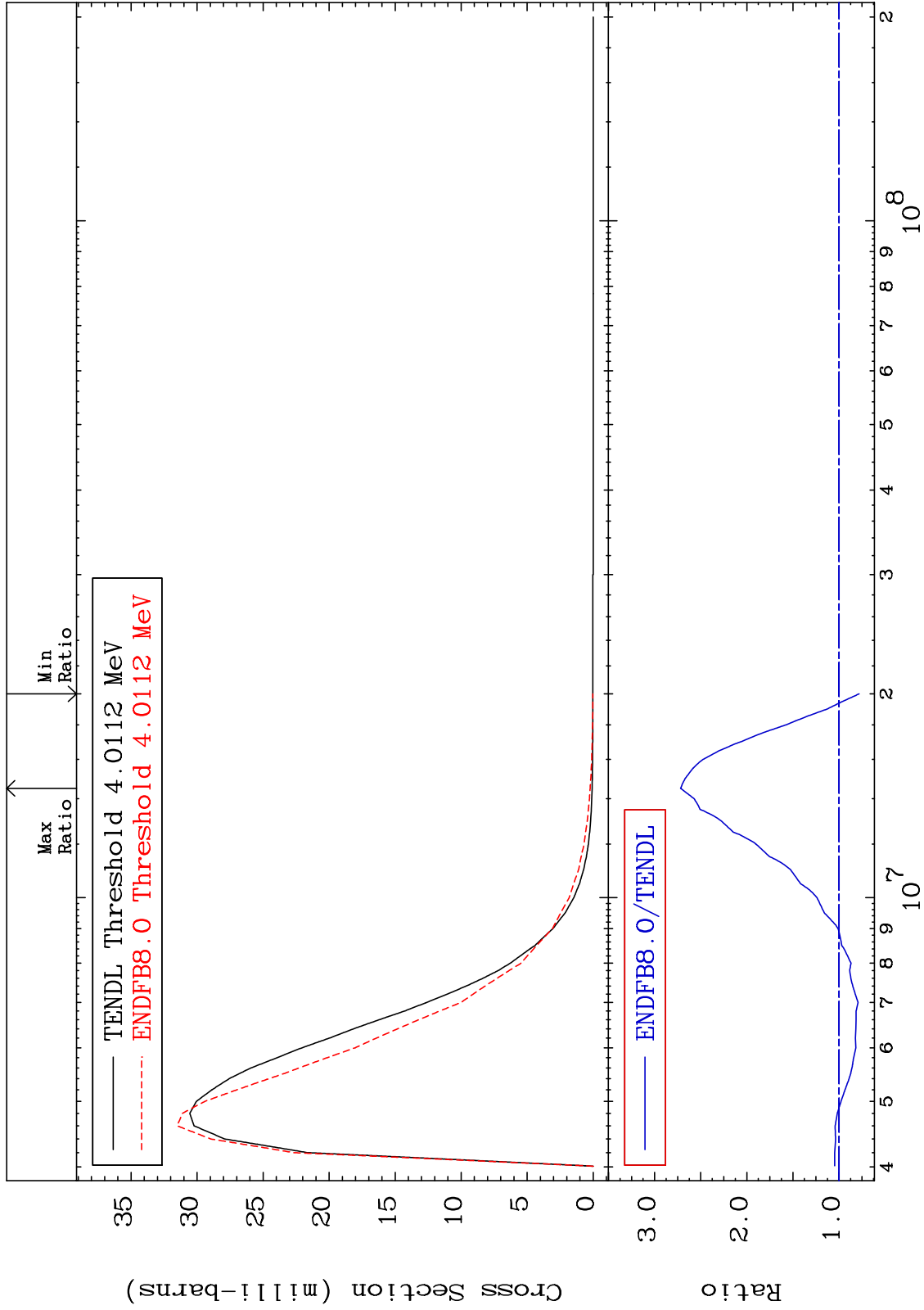
20-Ca-41
-16.91 To 2089. %



MAT 2028

MT= 73 (n,n') Level
Cross Section

20-Ca-41
-21.87 To 171.8 %



27

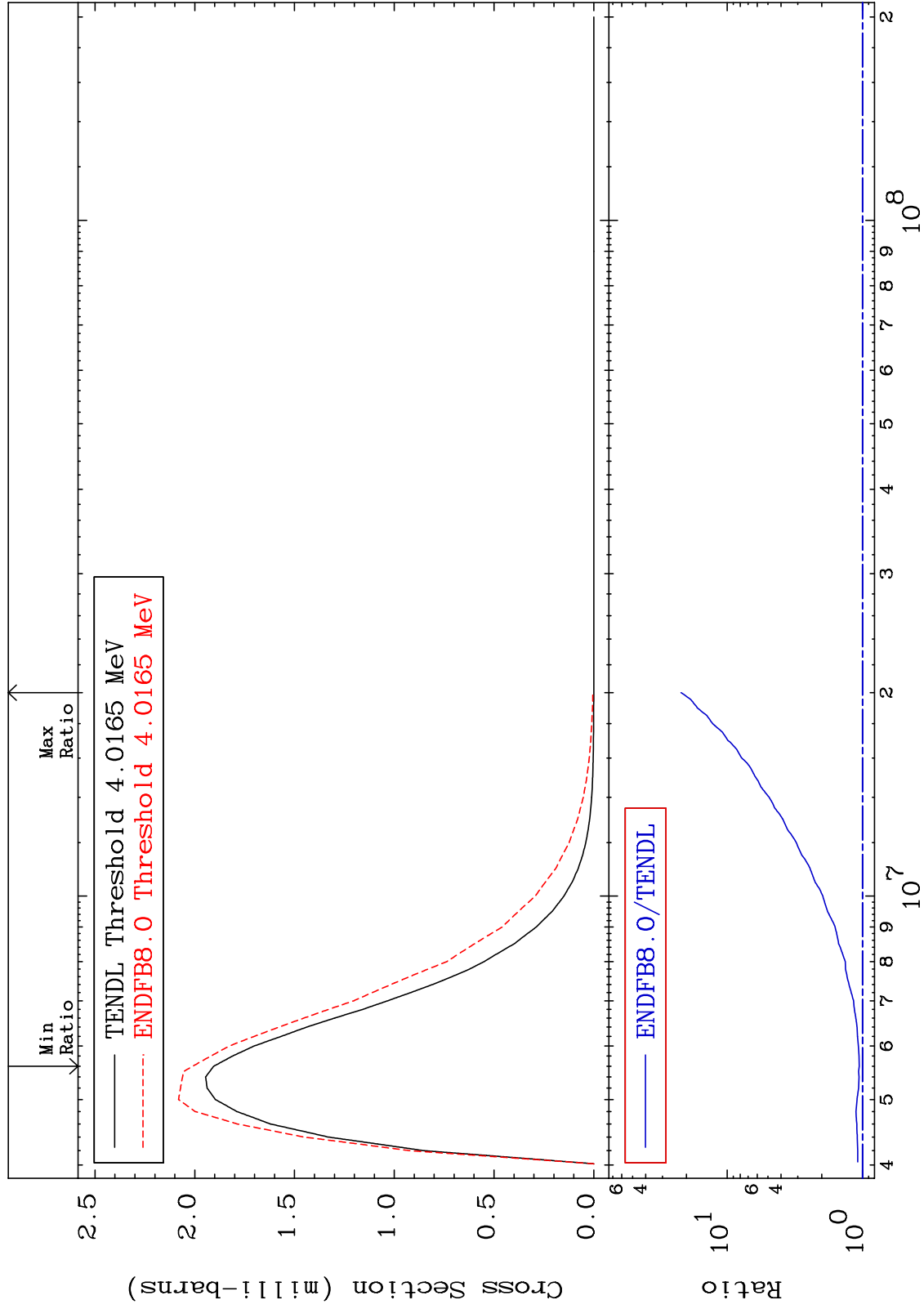
Incident Energy (eV)

20-Ca-41

MAT 2028

MT= 74 (n,n') Level
Cross Section

20-Ca-41
5.536 To 2090. %



28

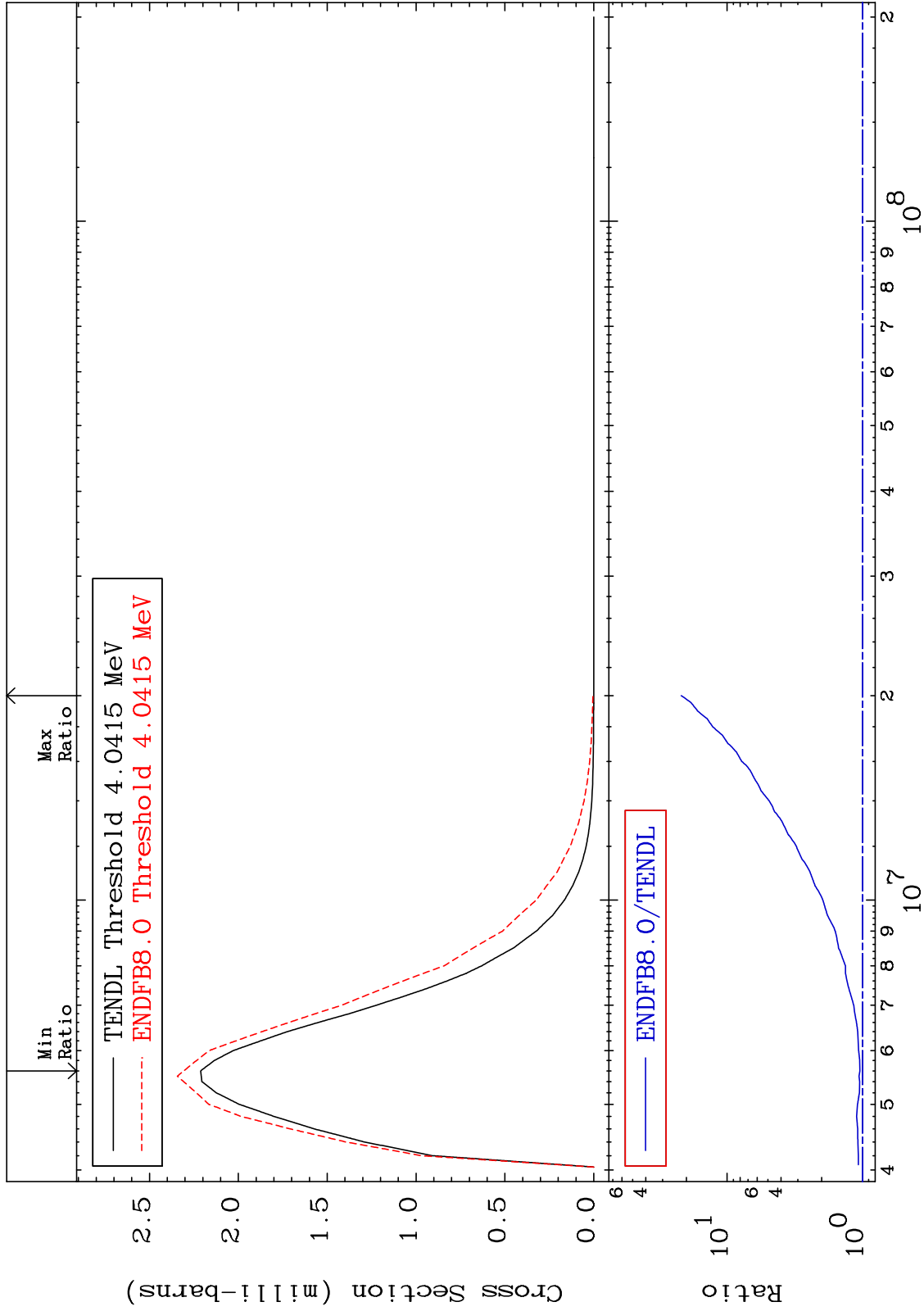
Incident Energy (eV)

20-Ca-41

MAT 2028

MT= 75 (n,n') Level
Cross Section

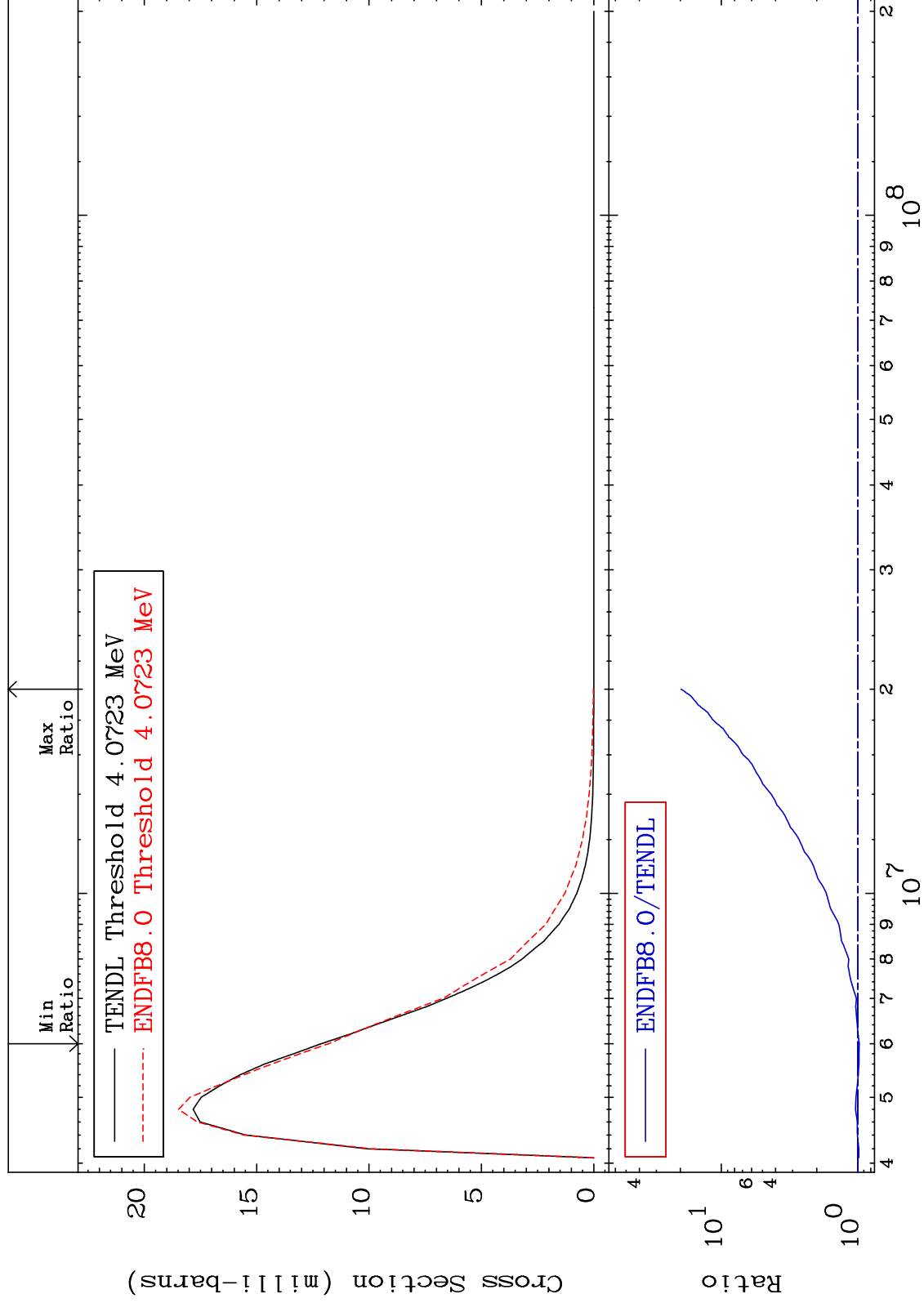
20-Ca-41
4.302 To 2085. %



MAT 2028

MT= 76 (n,n') Level
Cross Section

20-Ca-41
-2.679 To 1877. %



30

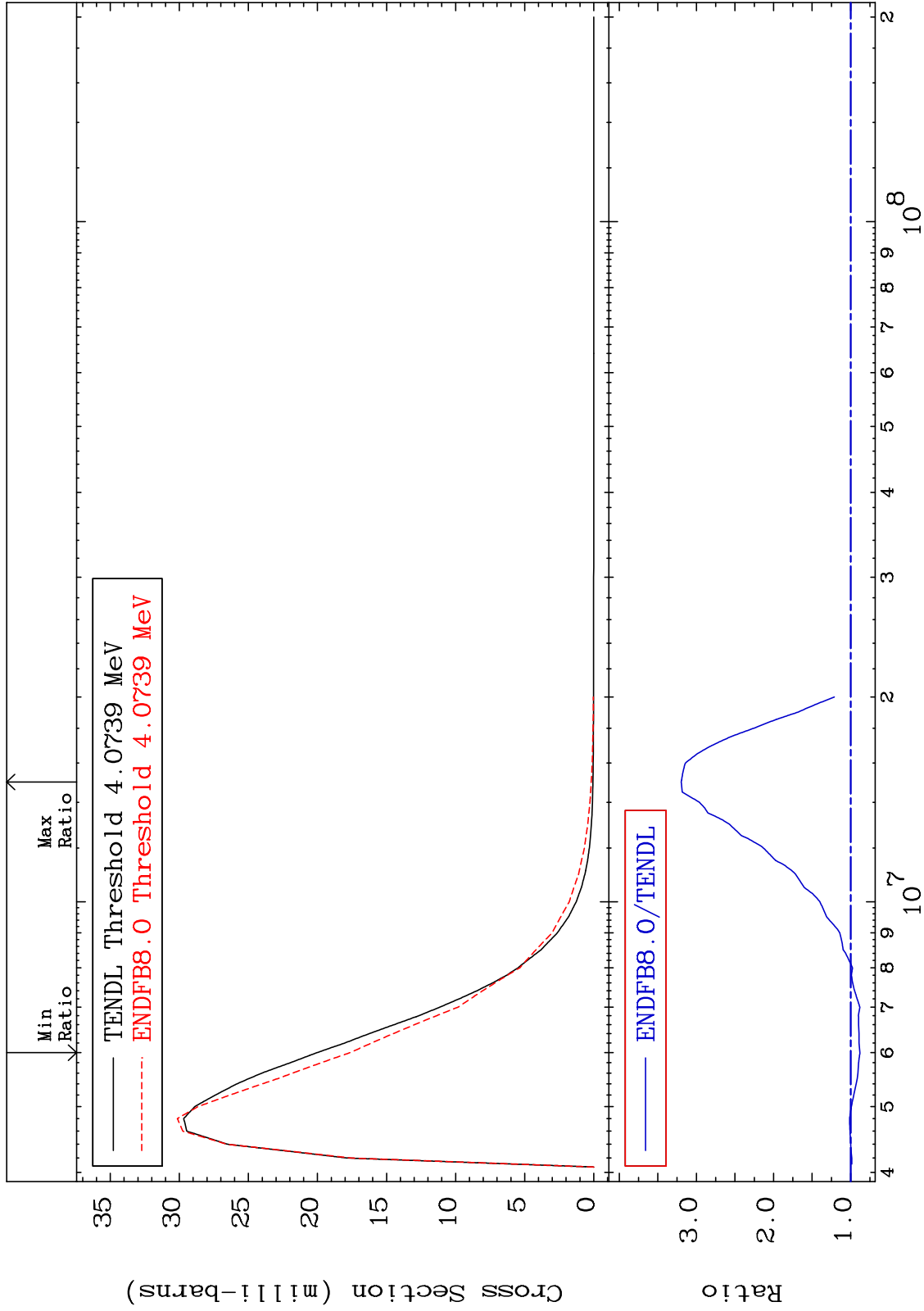
Incident Energy (eV)

20-Ca-41

MAT 2028

MT= 77 (n,n') Level
Cross Section

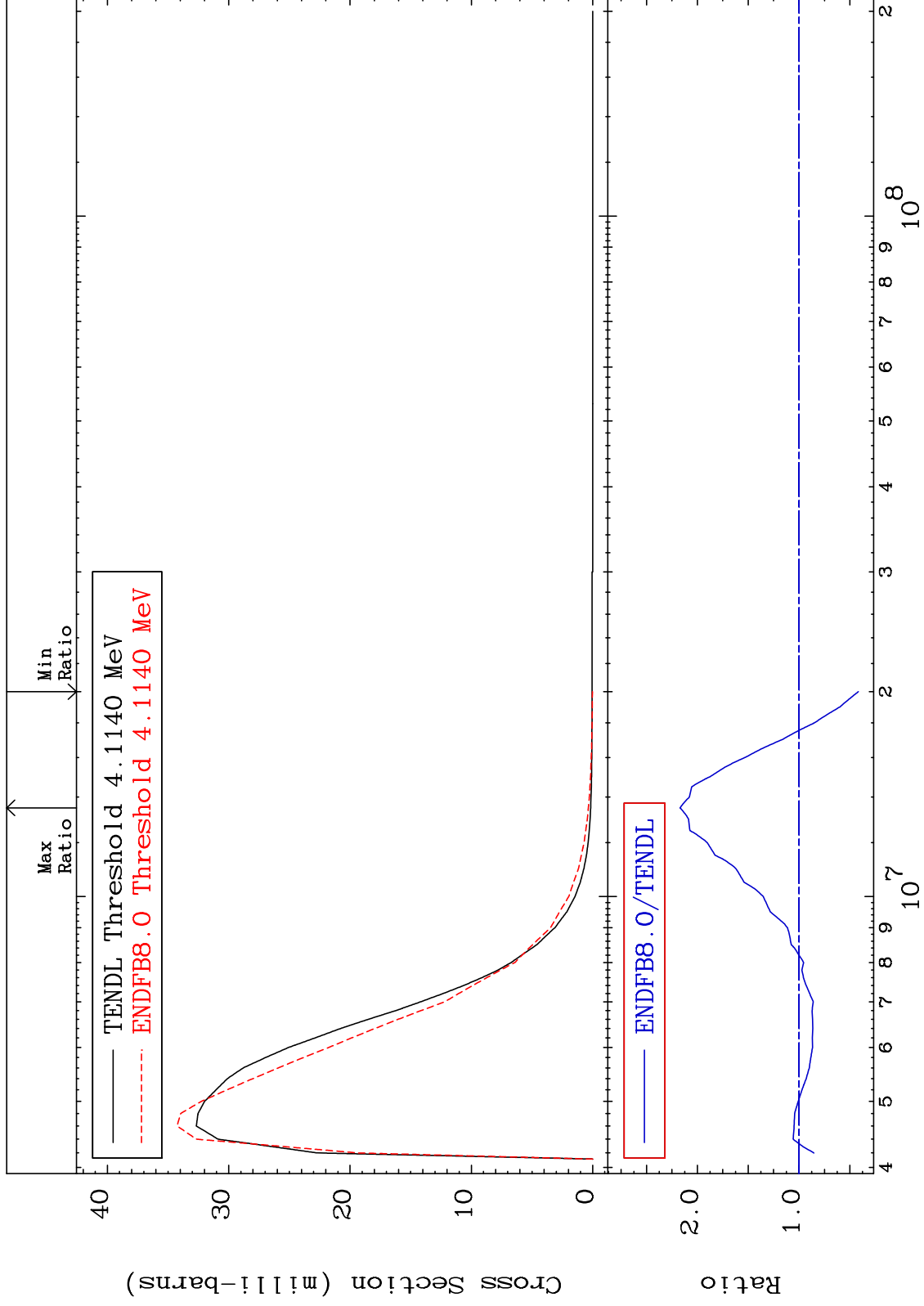
20-Ca-41
-11.94 To 219.6 %



MAT 2028

MT= 78 (n,n') Level
Cross Section

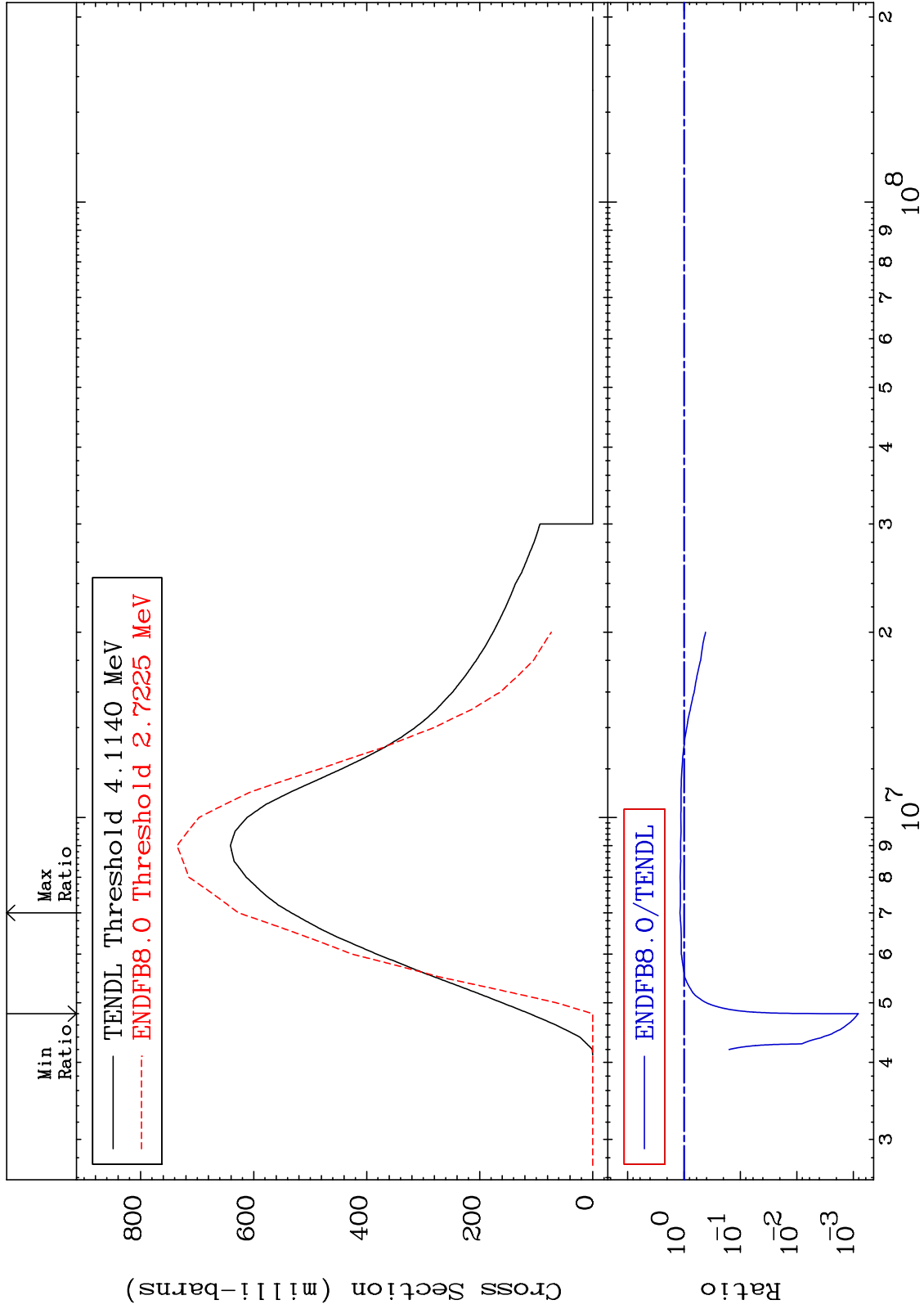
20-Ca-41
-58.39 To 117.1 %



MAT 2028

(n,n') Continuum
Cross Section

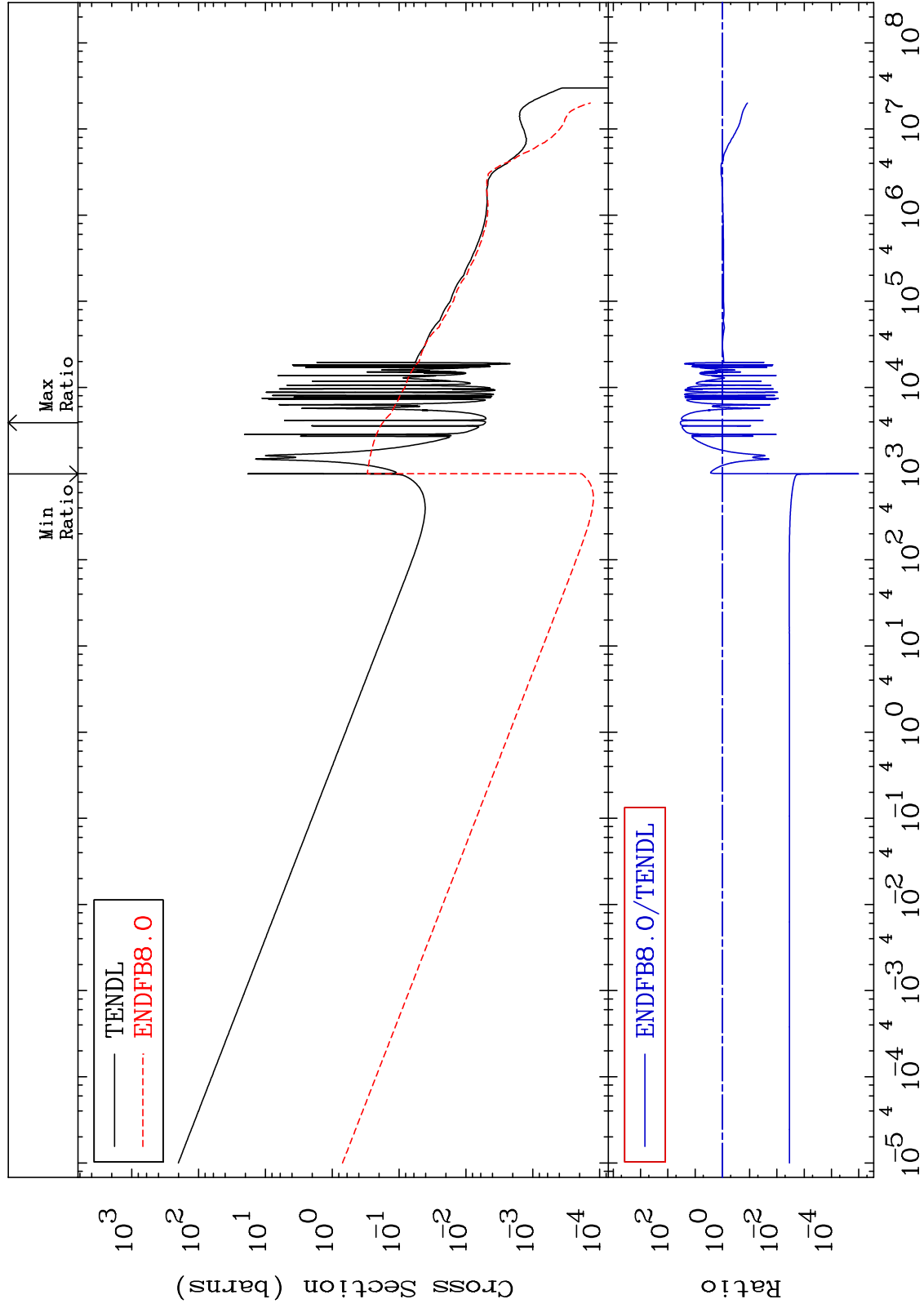
20-Ca-41
-99.92 To 17.58 %



MAT 2028

(n, γ)
Cross Section

20-Ca-41
-100.0 To 3337. %



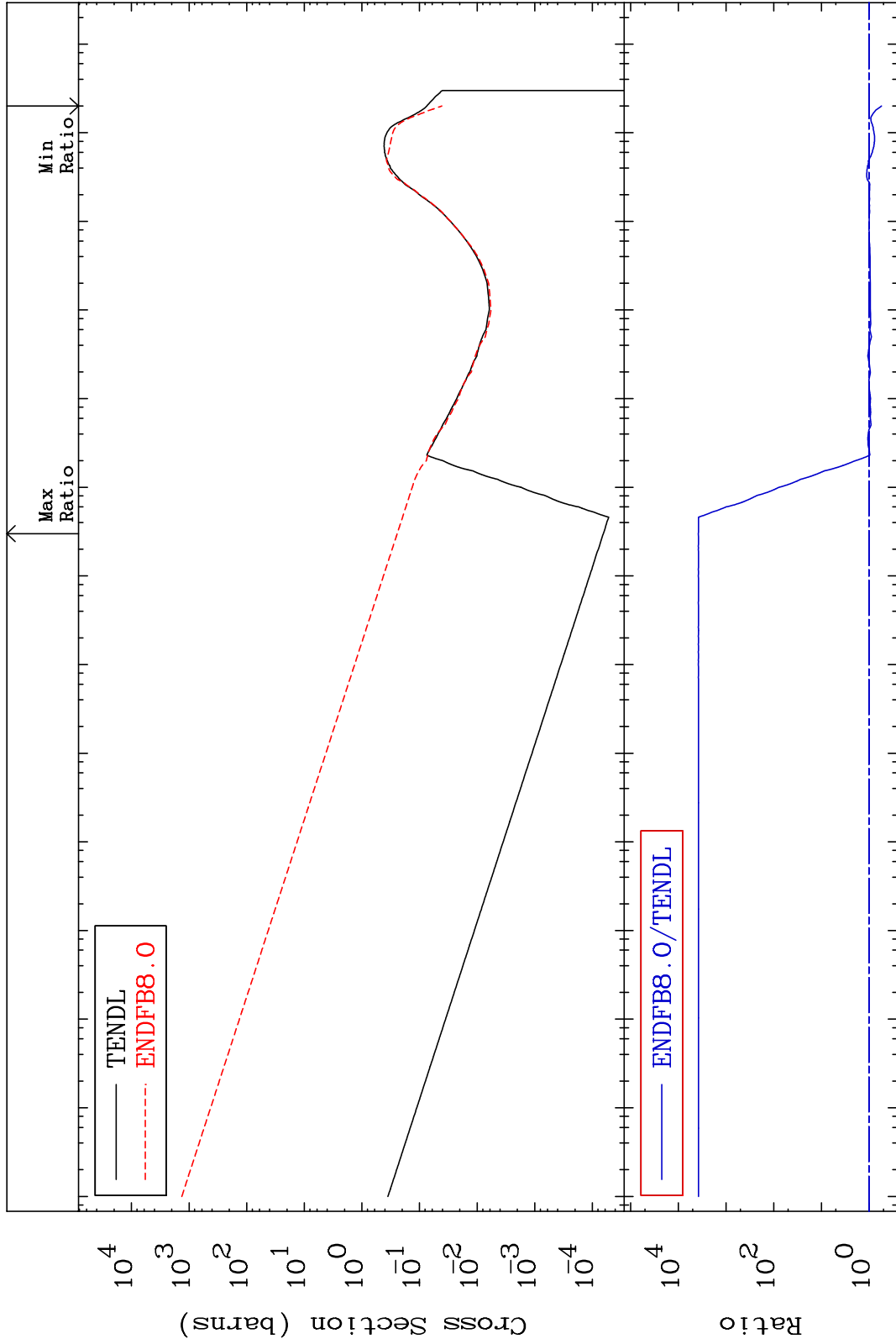
MAT 2028

(n,p)

20-Ca-41

Cross Section

-45.27 To 9999. %



Incident Energy (eV)

35

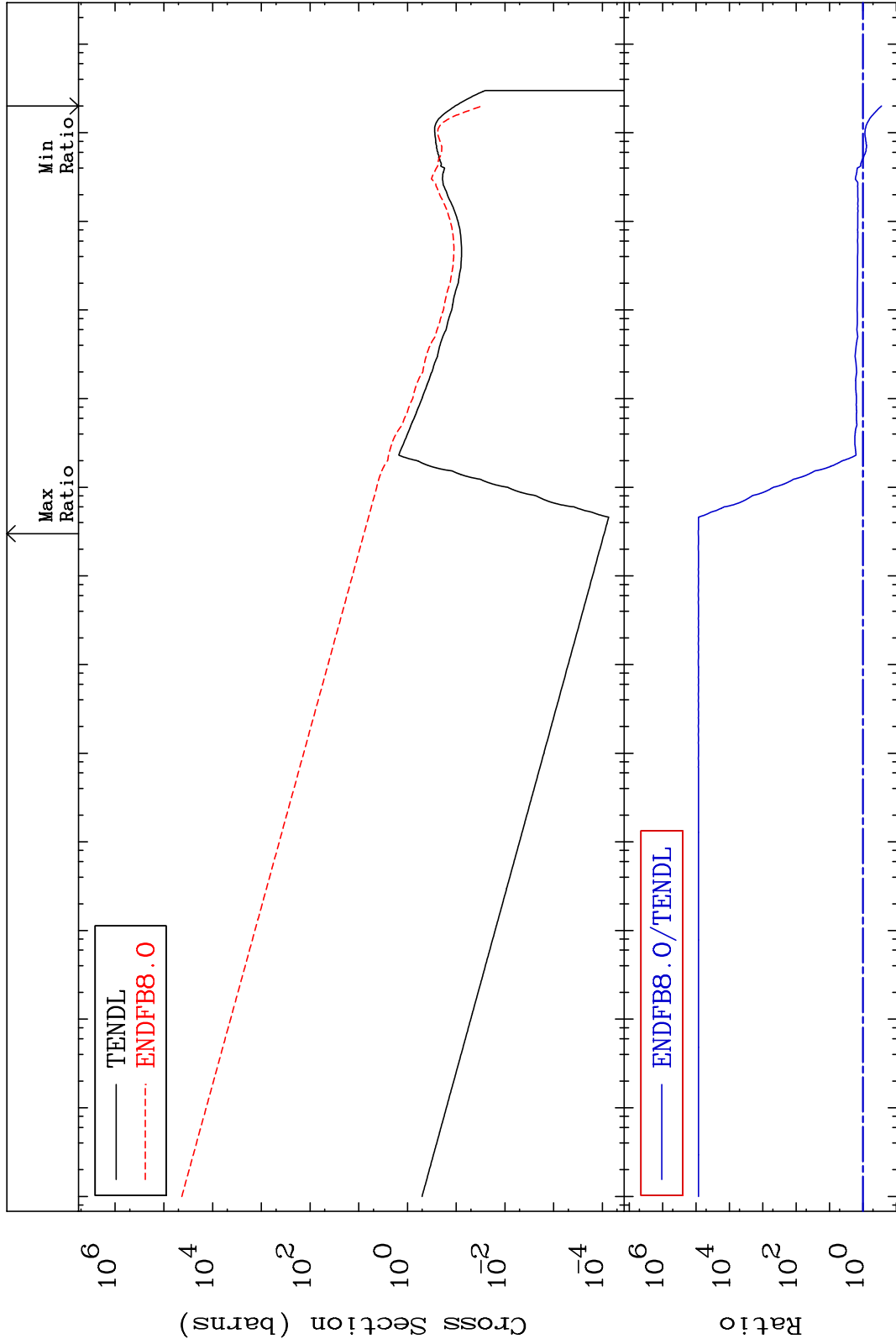
20-Ca-41

MAT 2028

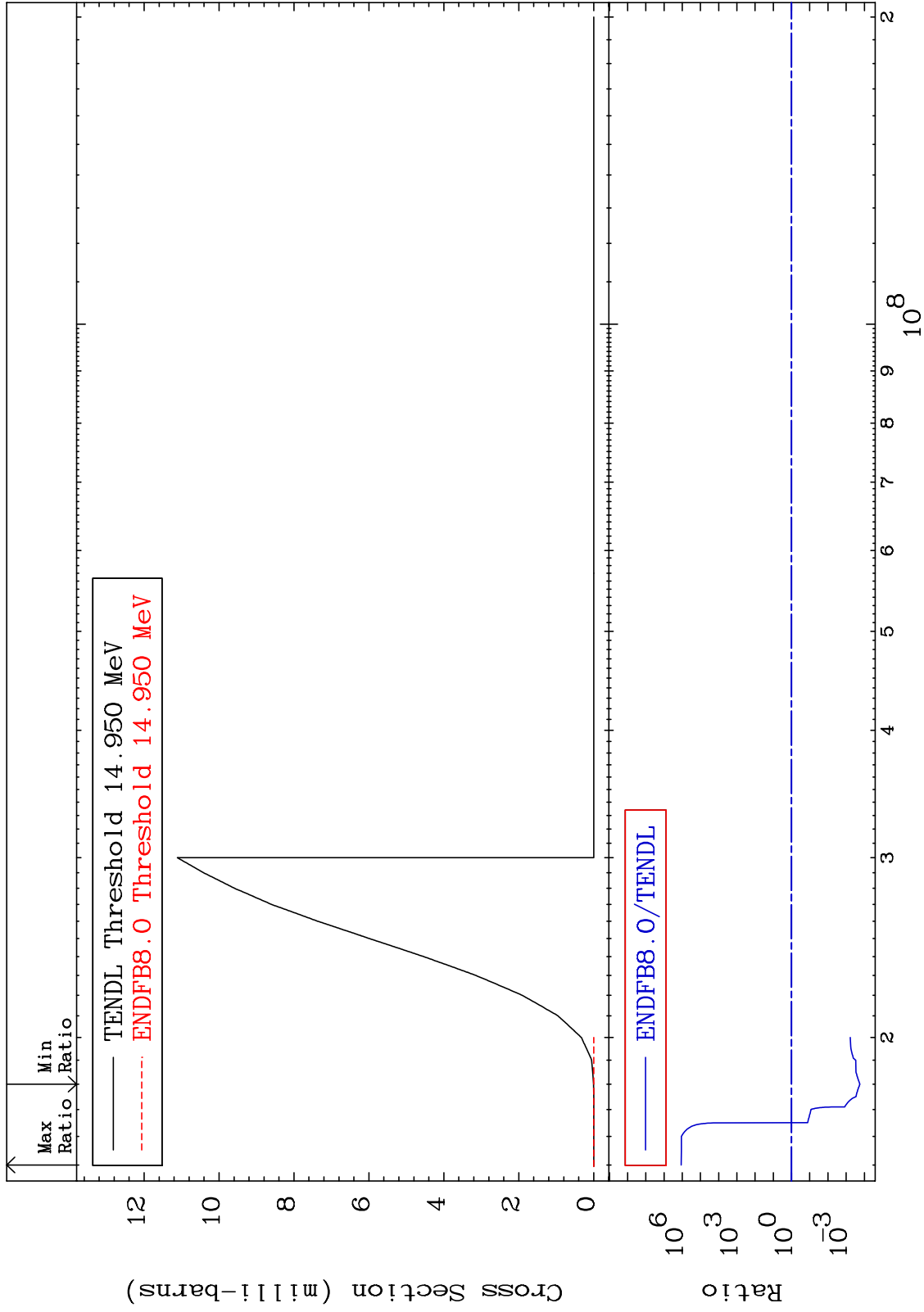
20-Ca-41

-72.35 To 9999. %

(n, α)
Cross Section



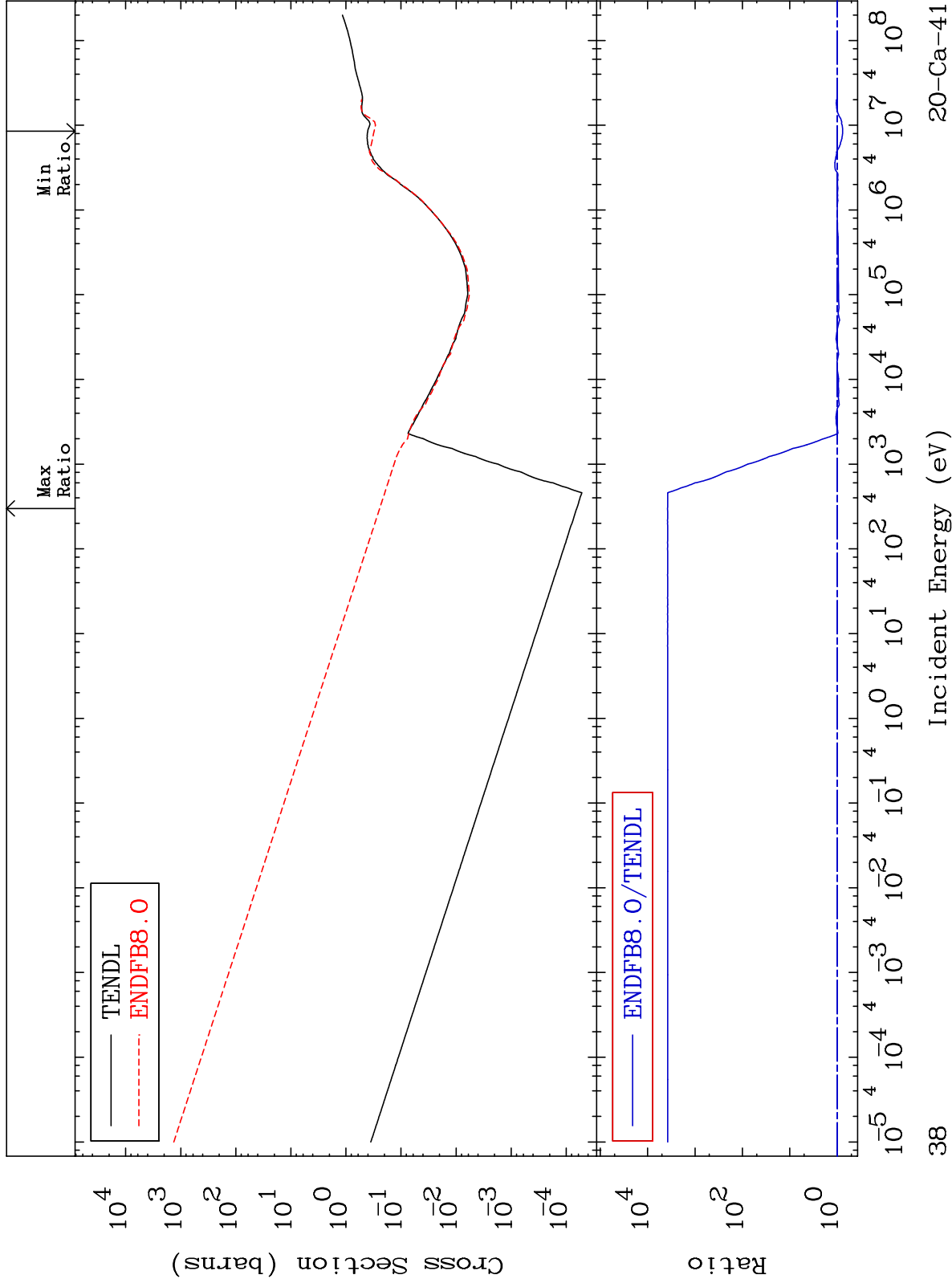
Incident Energy (eV) 20-Ca-41



MAT 2028

Hydrogen Production
Cross Section

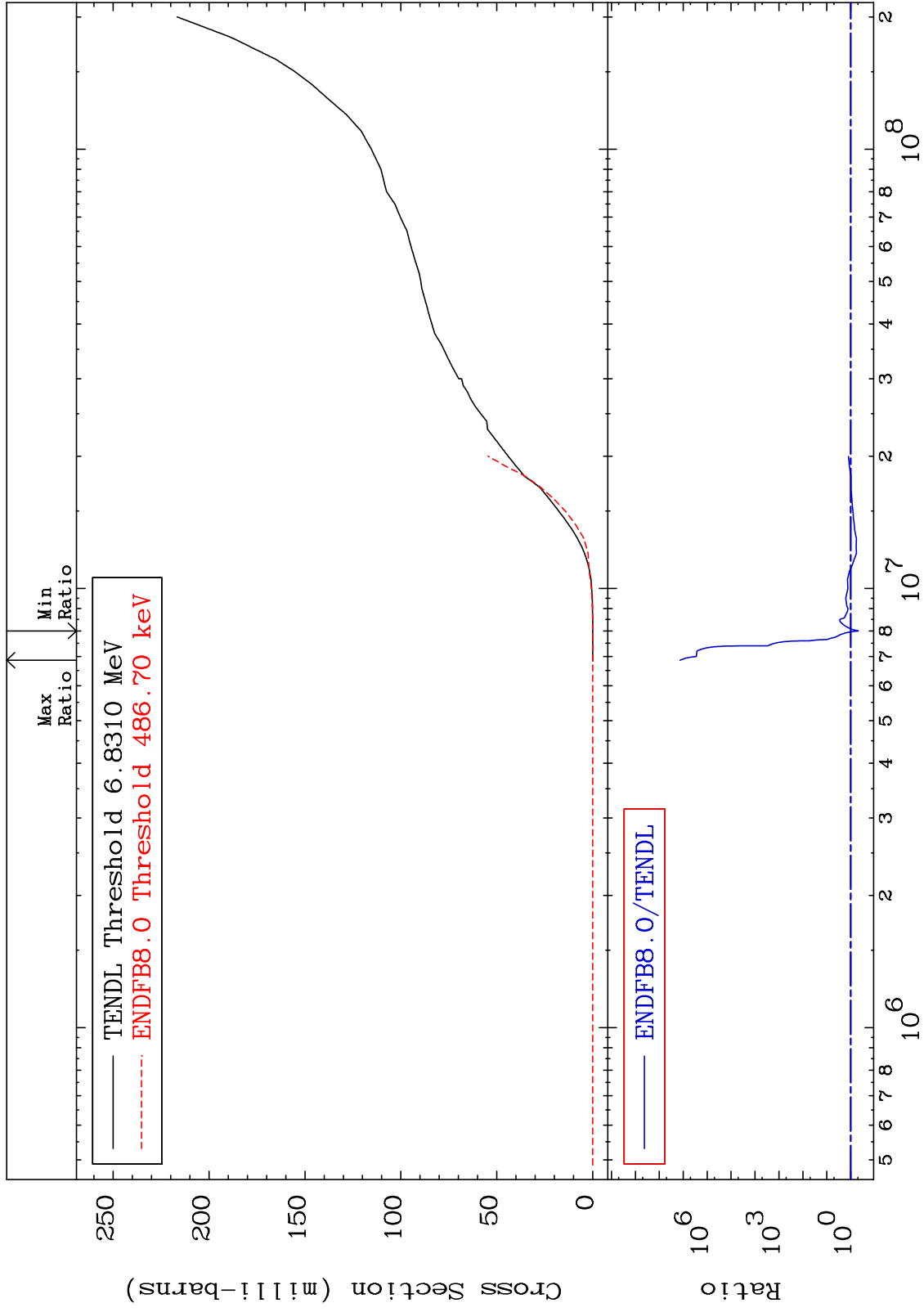
20-Ca-41
-23.29 To 9999. %



MAT 2028

Deuterium Production
Cross Section

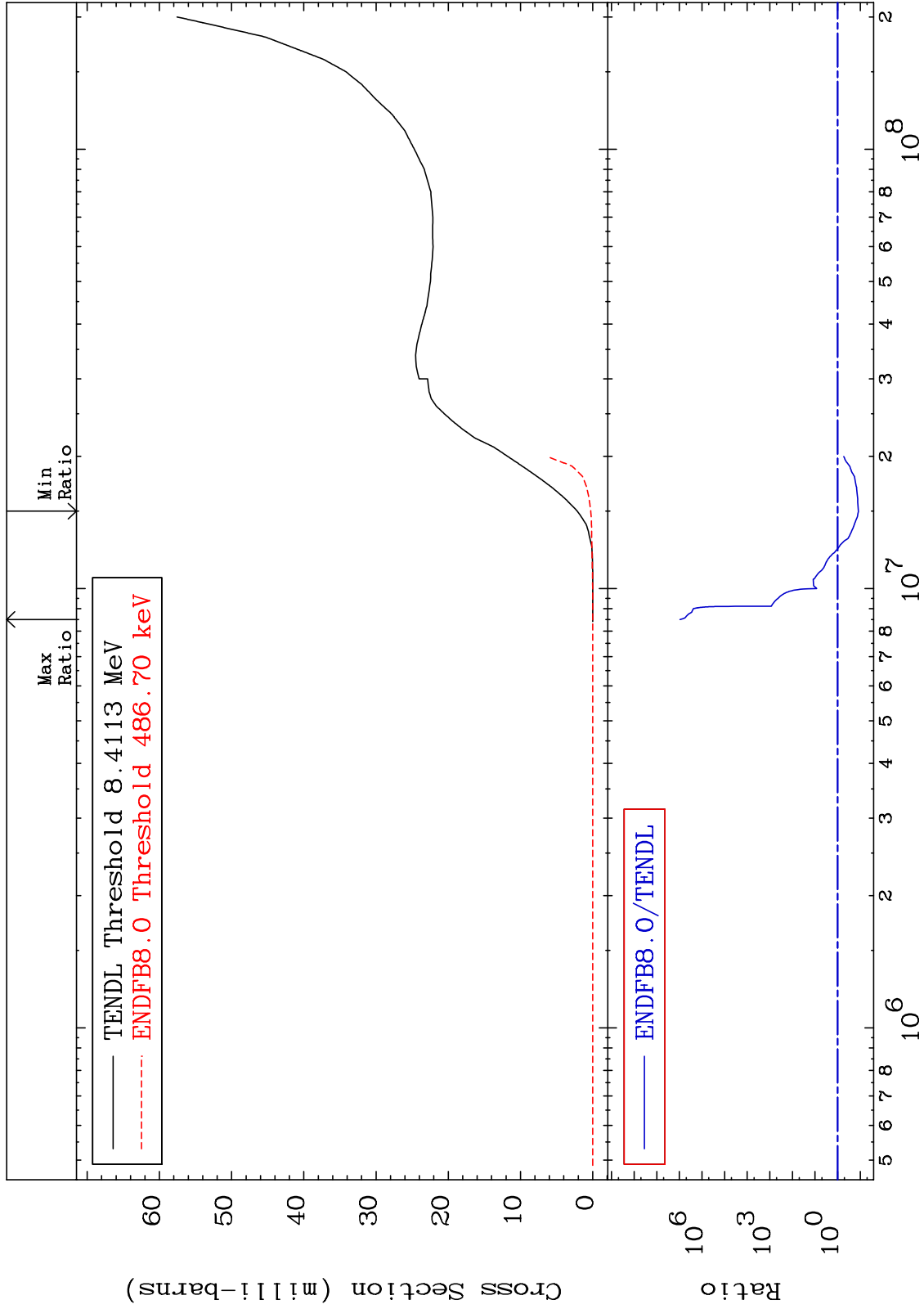
20-Ca-41
-52.31 To 9999. %



MAT 2028

Tritium Production
Cross Section

20-Ca-41
-87.89 To 9999. %



40

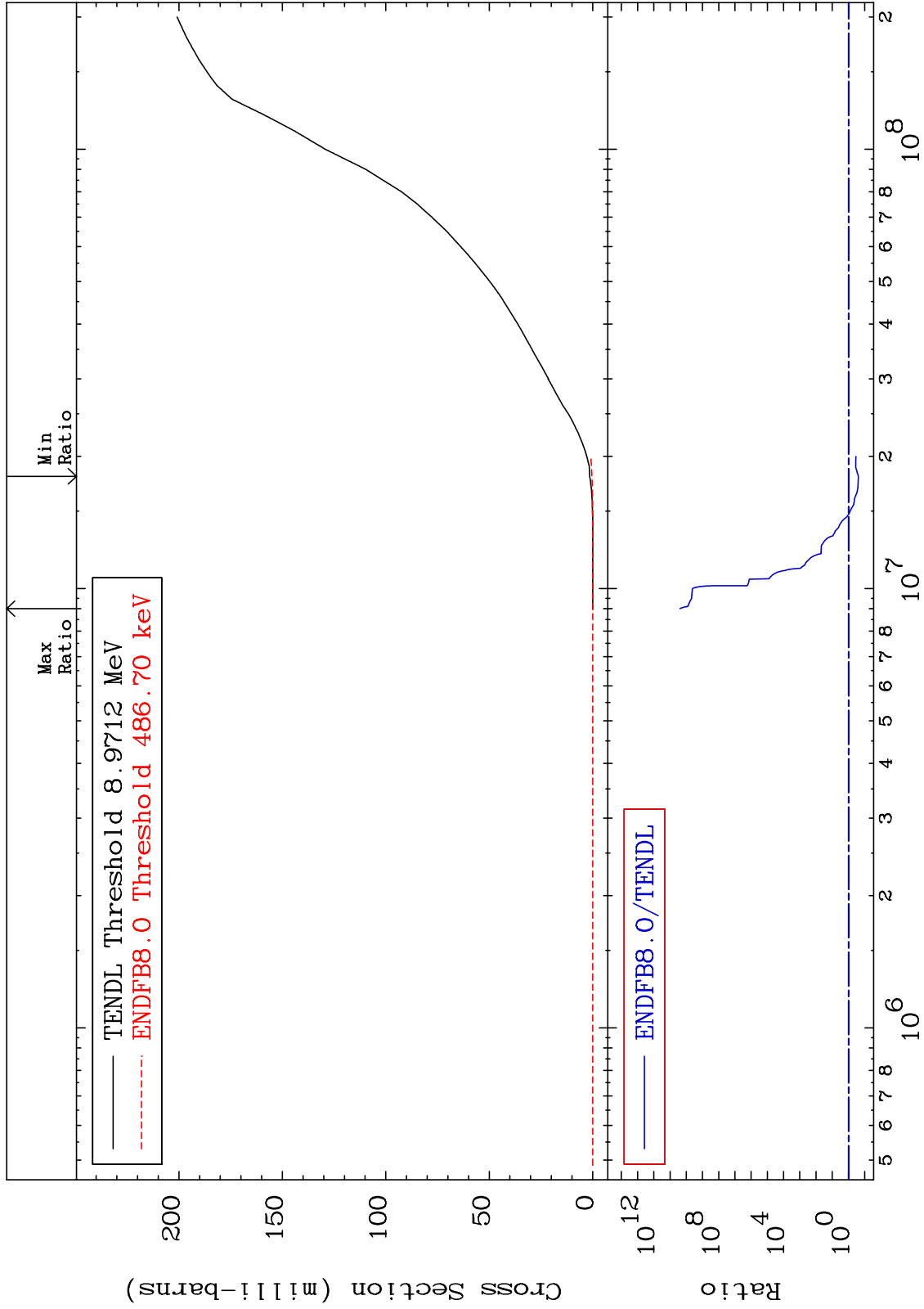
Incident Energy (eV)

20-Ca-41

MAT 2028

He-3 Production
Cross Section

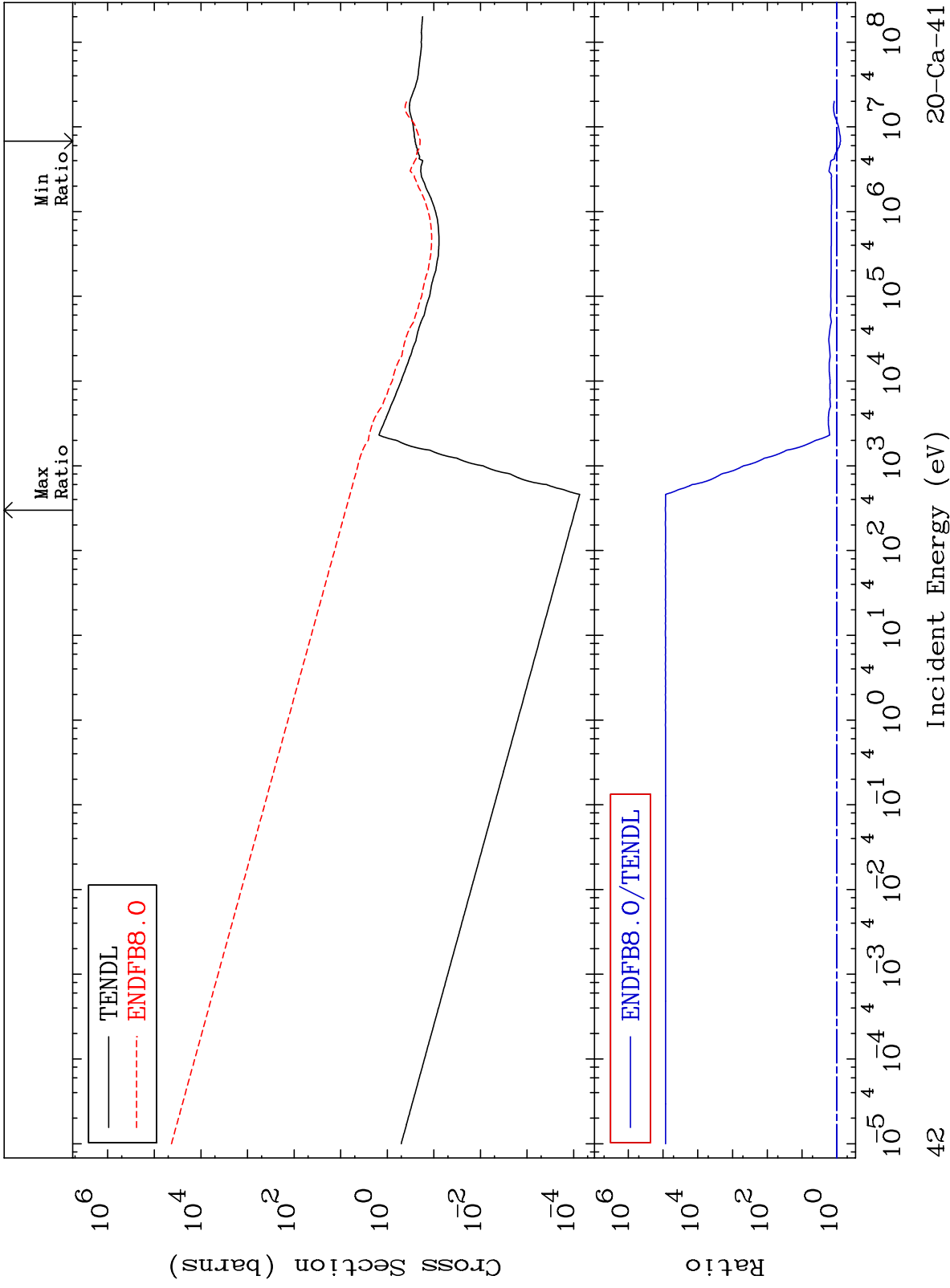
20-Ca-41
-75.65 To 9999. %



MAT 2028

He-4 Production
Cross Section

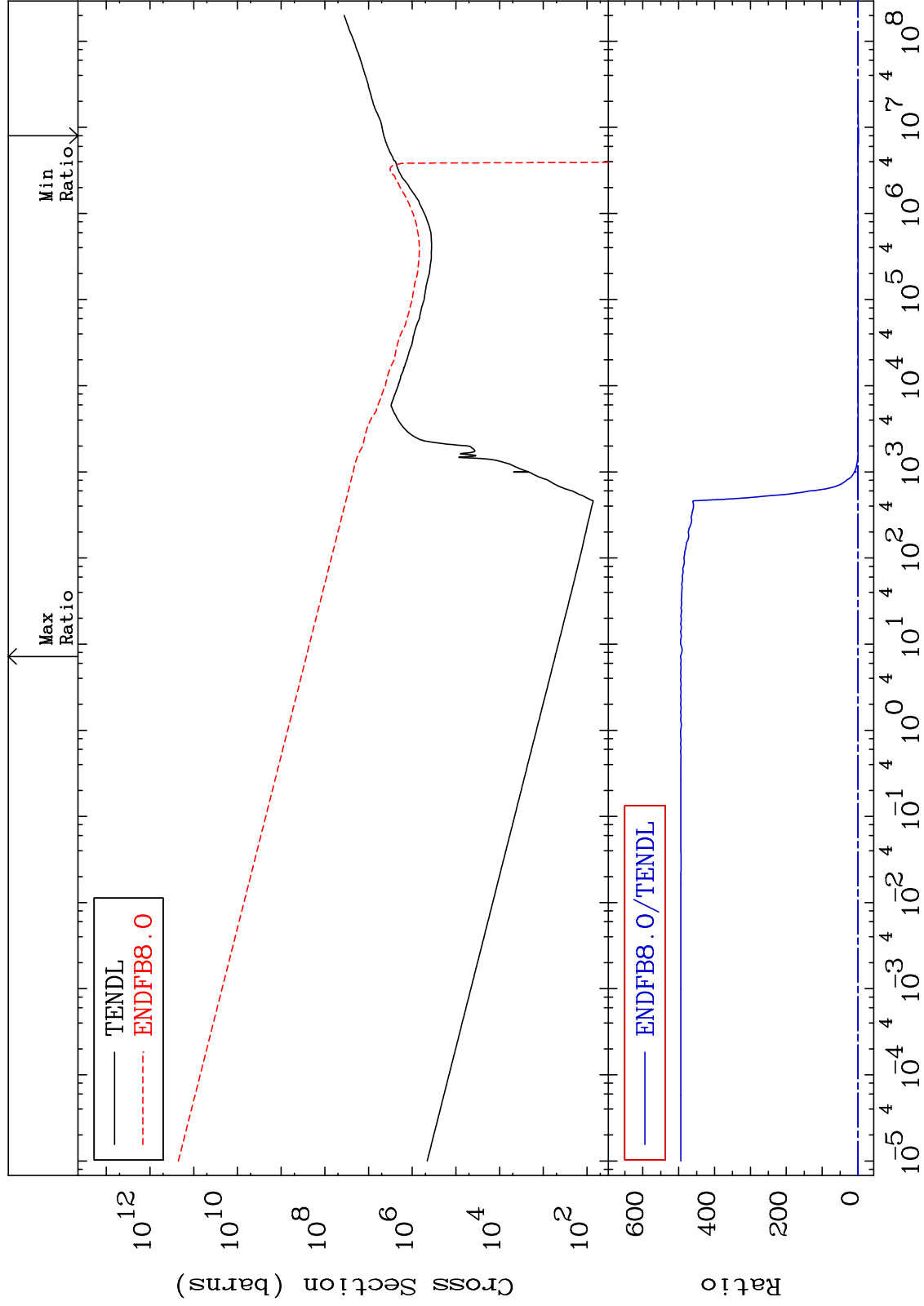
20-Ca-41
-22.51 To 9999. %



MAT 2028

Kerma total (eV-barns)
Cross Section

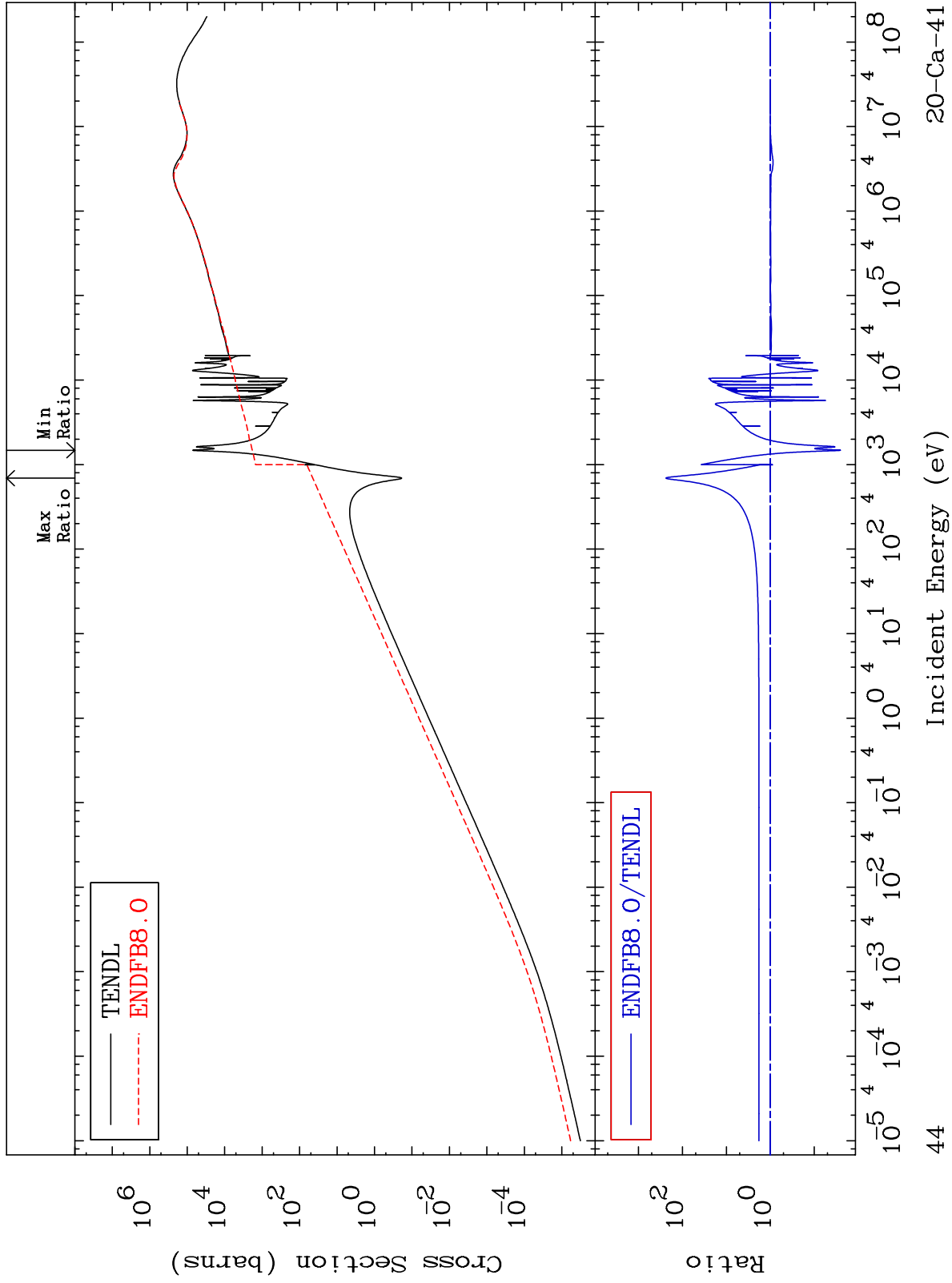
20-Ca-41
-9999. To 9999. %



MAT 2028

Kerma elastic
Cross Section

20-Ca-41
-97.47 To 9999. %



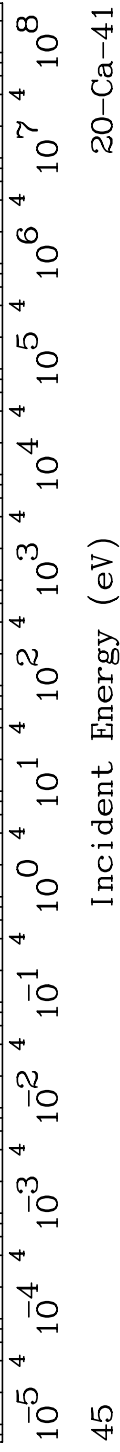
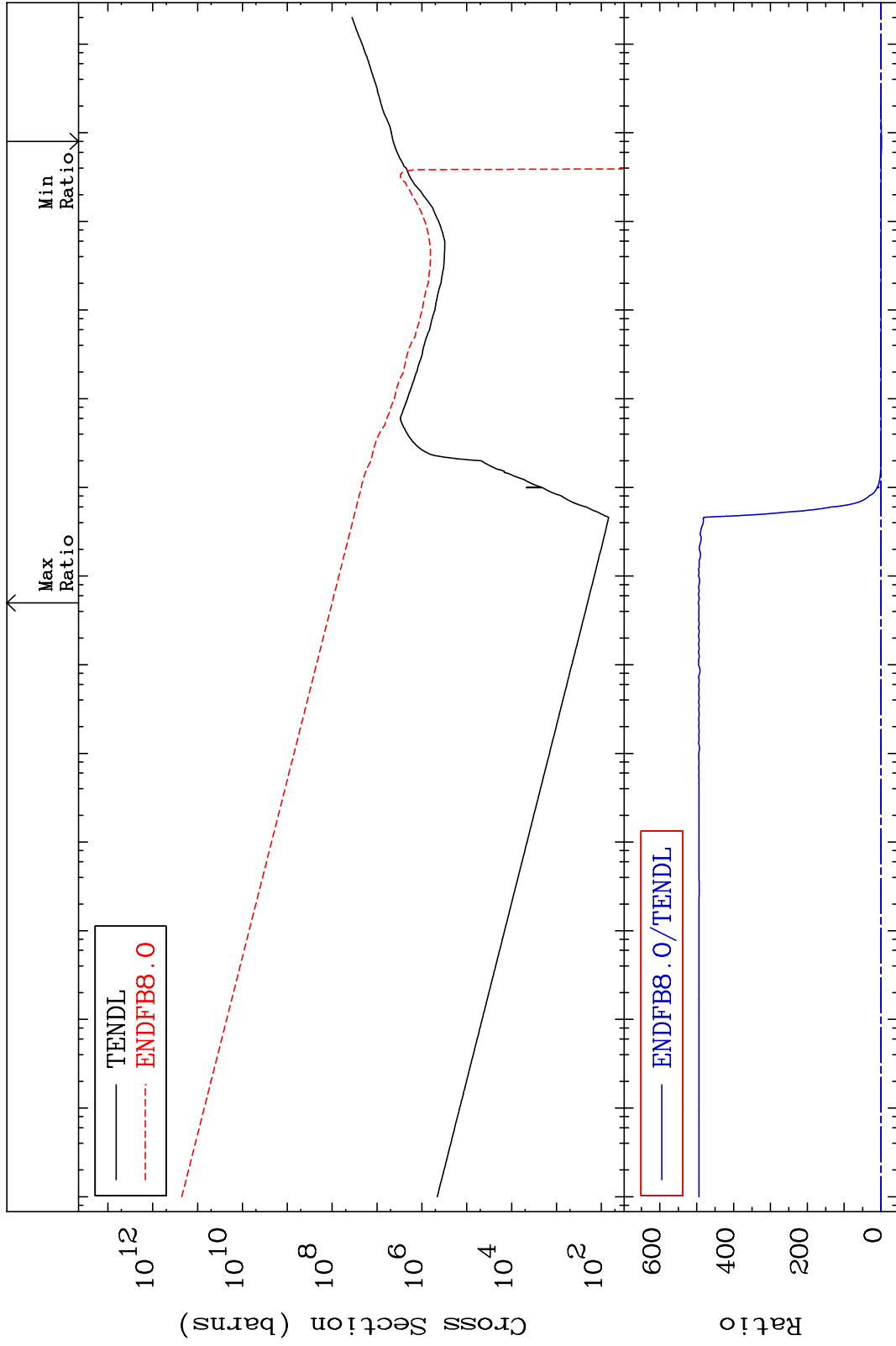
MAT 2028

Kerma non-elastic (all but mt2)

20-Ca-41

-9999. To 9999. %

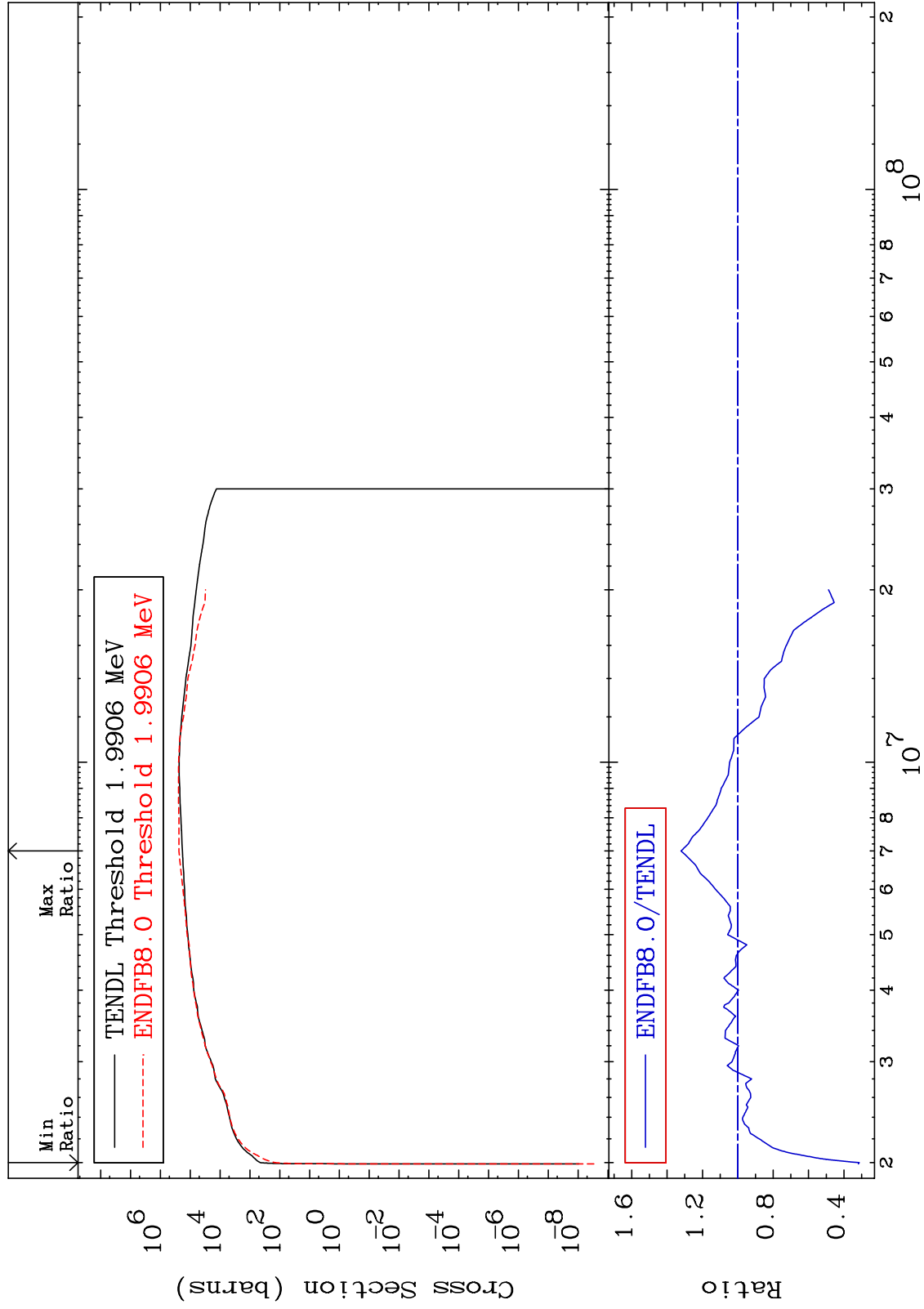
Cross Section



45

Incident Energy (eV)

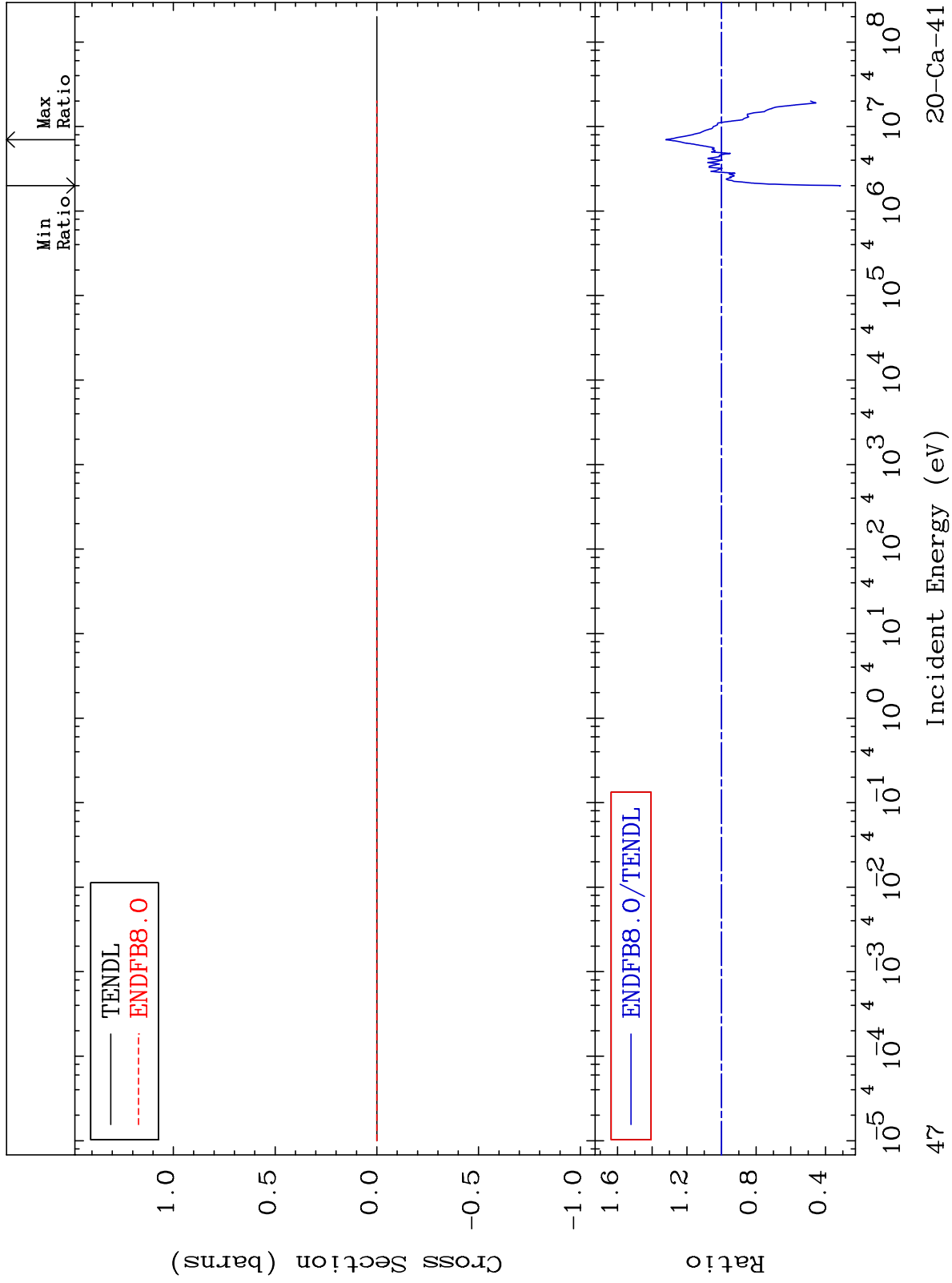
20-Ca-41



MAT 2028

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

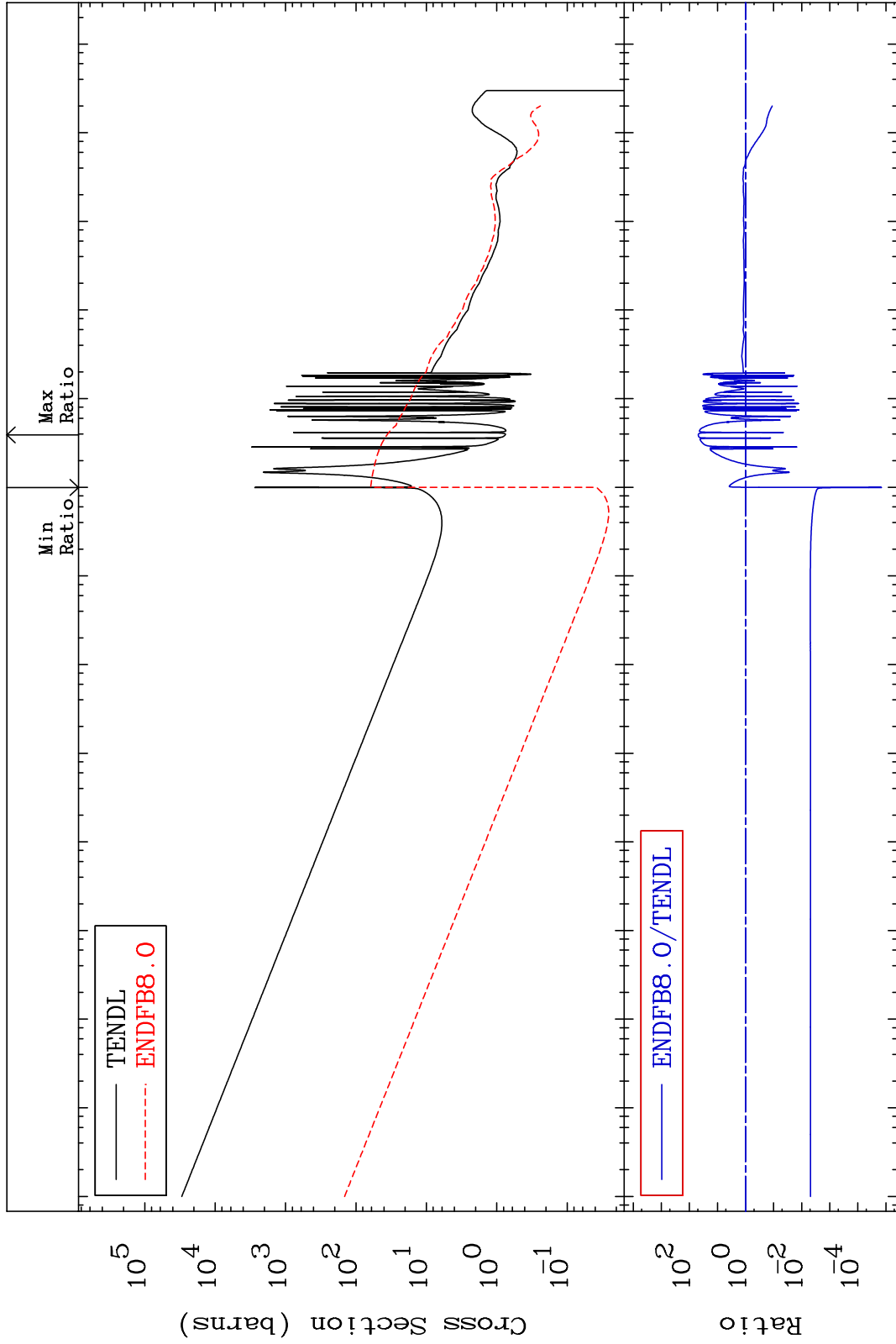
20-Ca-41
-68.68 To 32.10 %



MAT 2028

Kerma capture (mt102)
Cross Section

20-Ca-41
-100.0 To 4693. %



48

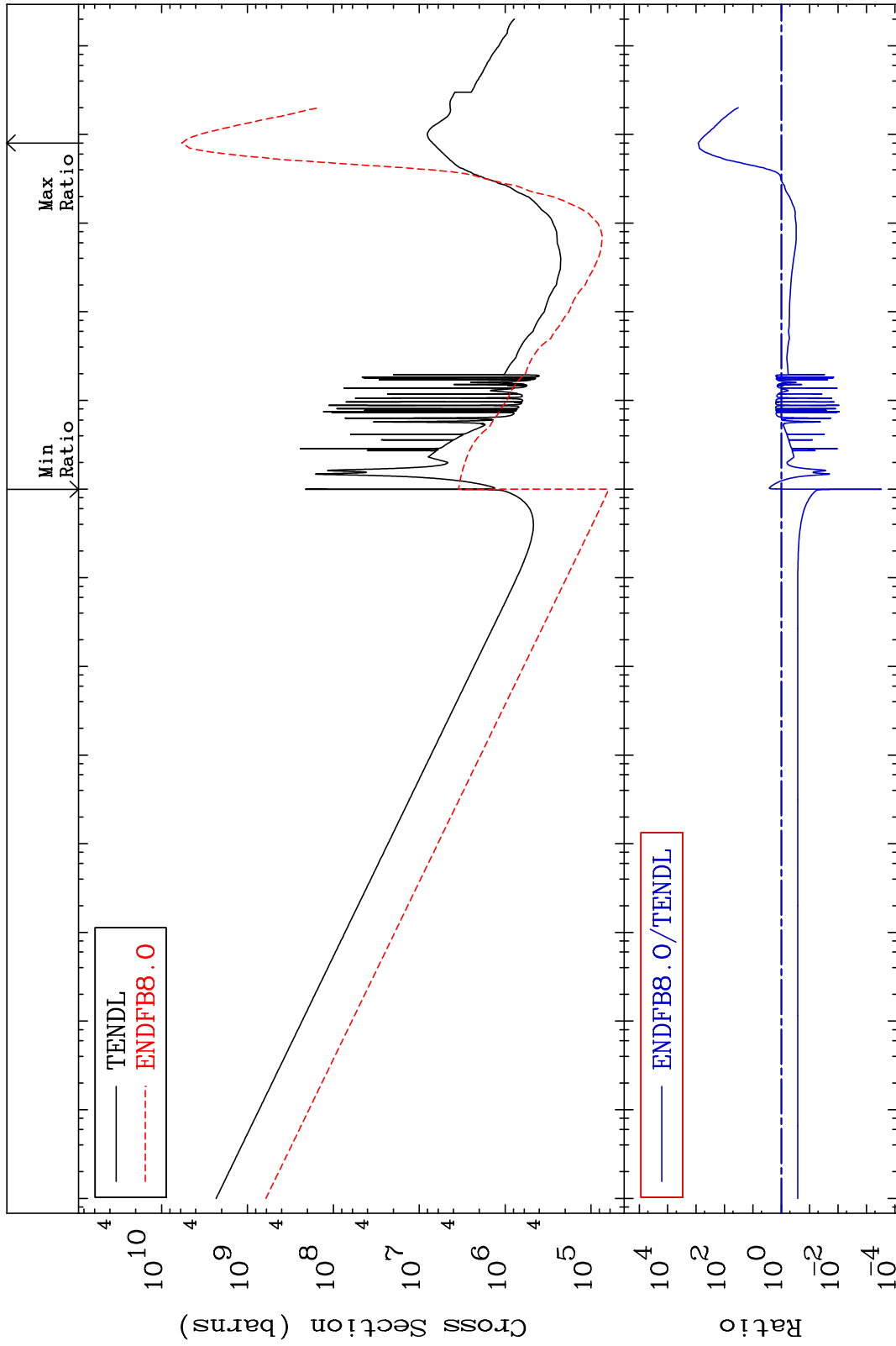
Incident Energy (eV)

20-Ca-41

MAT 2028

Total photon (eV-barns)
Cross Section

20-Ca-41
-99.97 To 9999. %



49

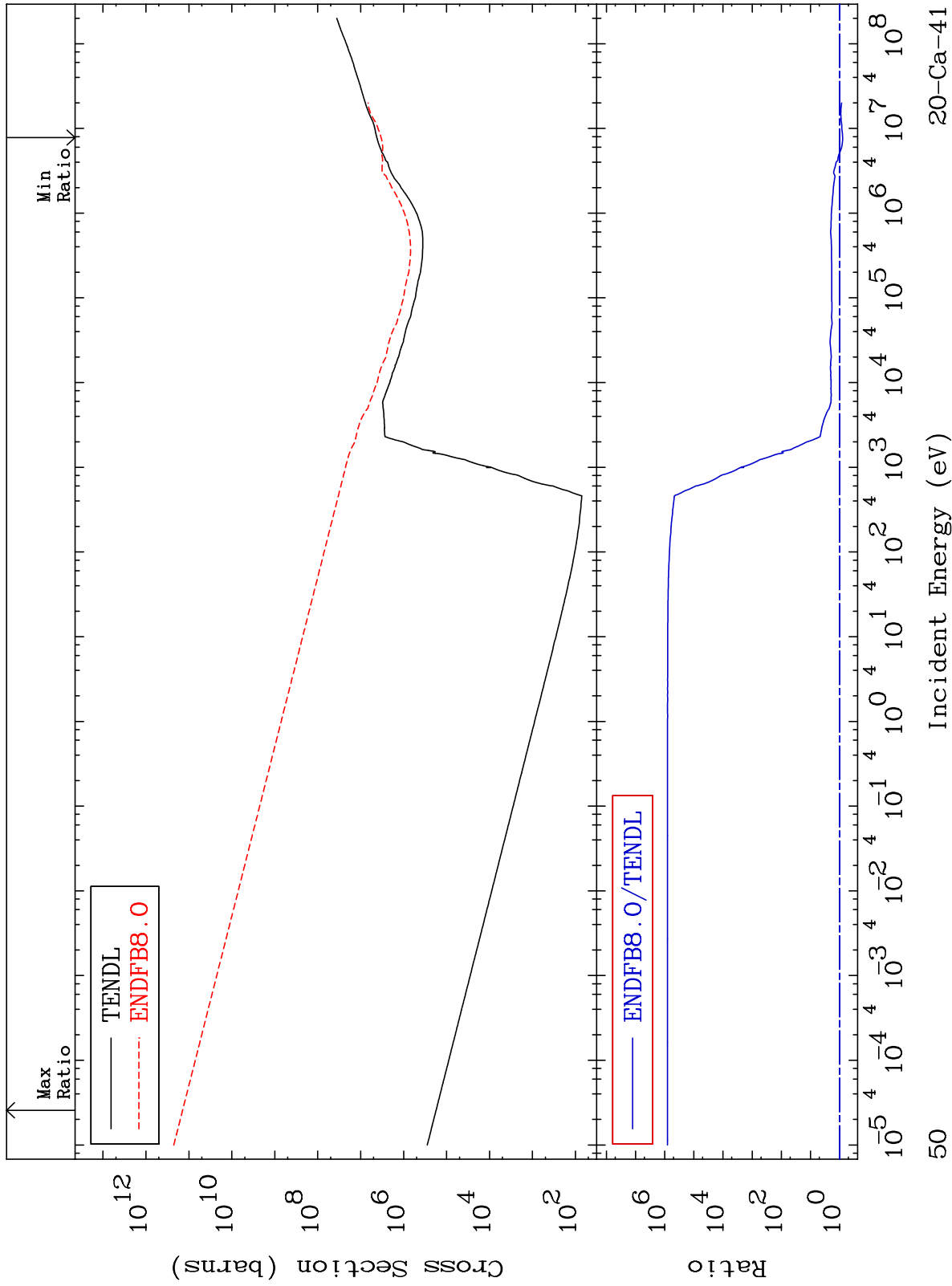
Incident Energy (eV)

20-Ca-41

MAT 2028

Total kinematic kerma (high limit)
Cross Section

20-Ca-41
-20.92 To 9999. %



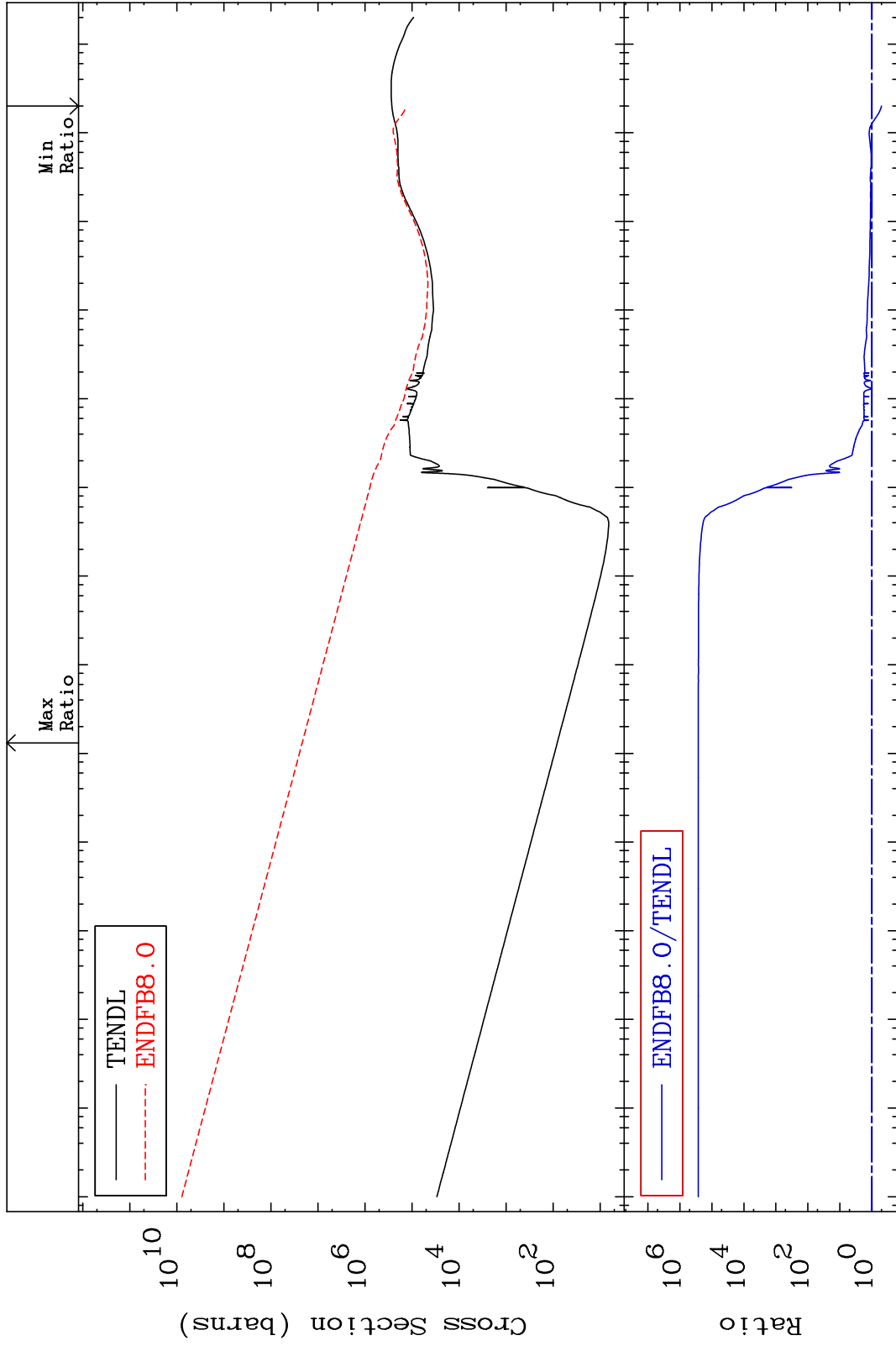
MAT 2028

Dpa total (eV-barns)

20-Ca-41

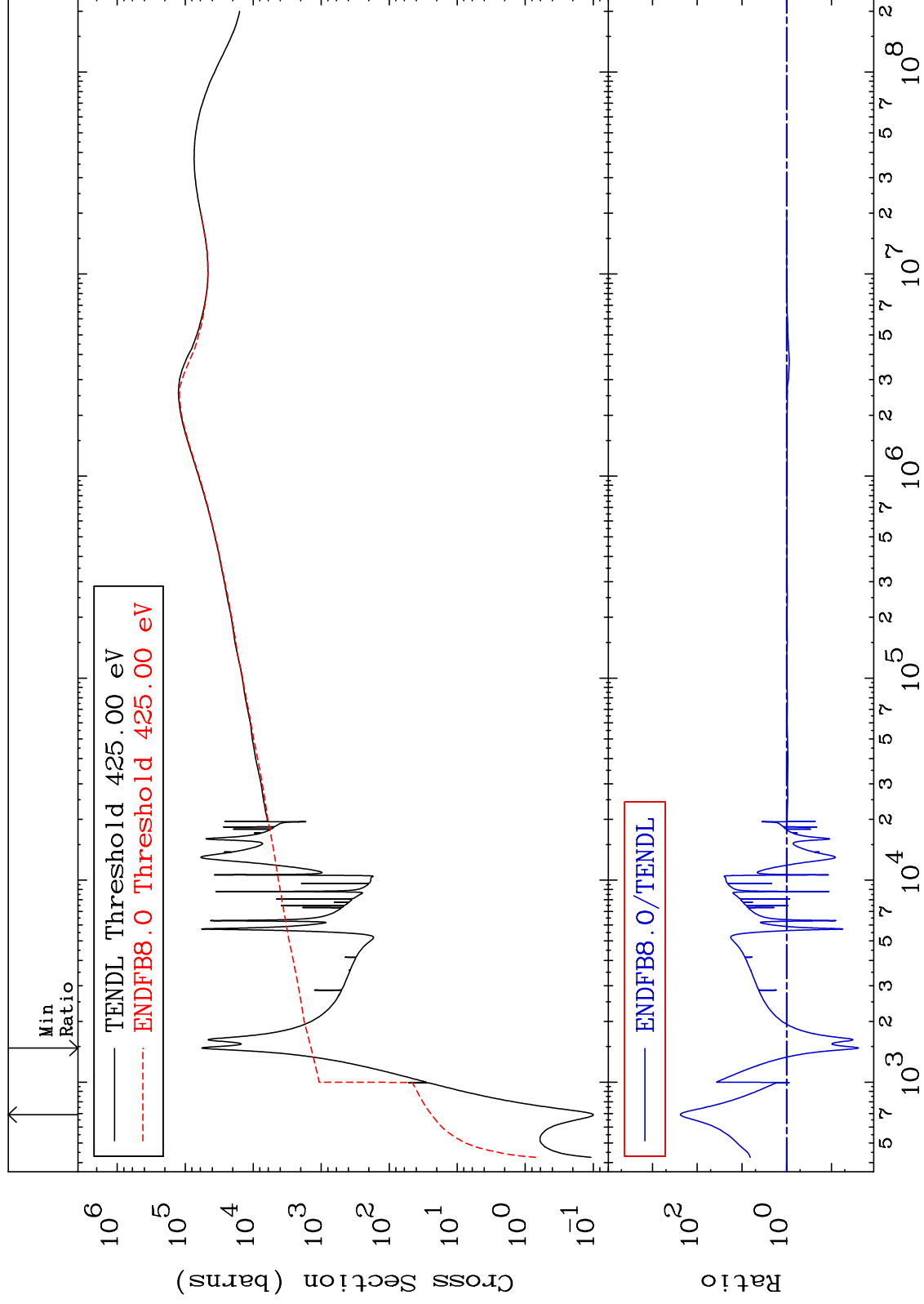
-50.52 To 9999. %

Cross Section



Incident Energy (eV)

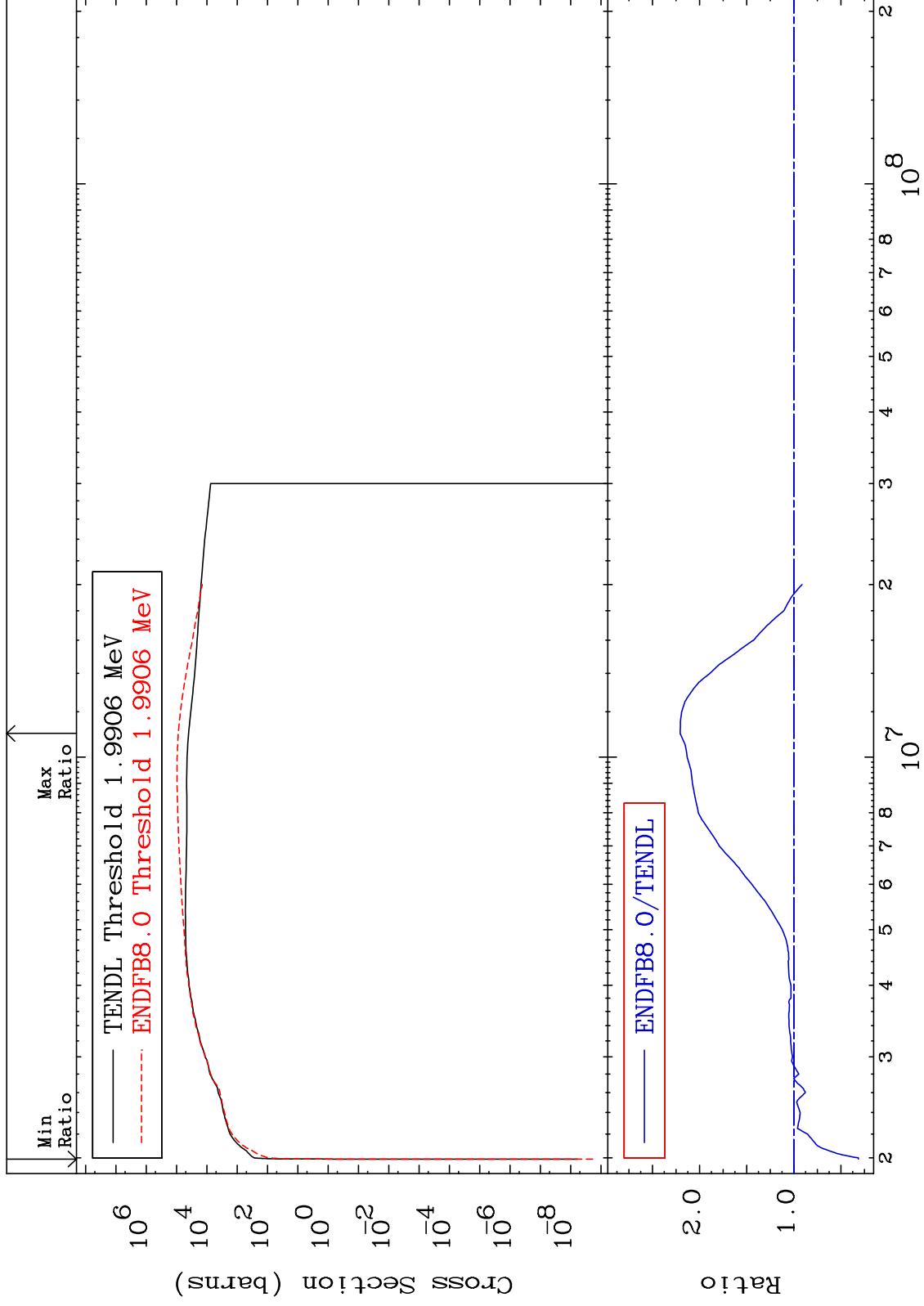
20-Ca-41



MAT 2028

Dpa inelastic (mt51-91)
Cross Section

20-Ca-41
-68.56 To 120.7 %



MAT 2028

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-41
-72.57 To 9999. %

