

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

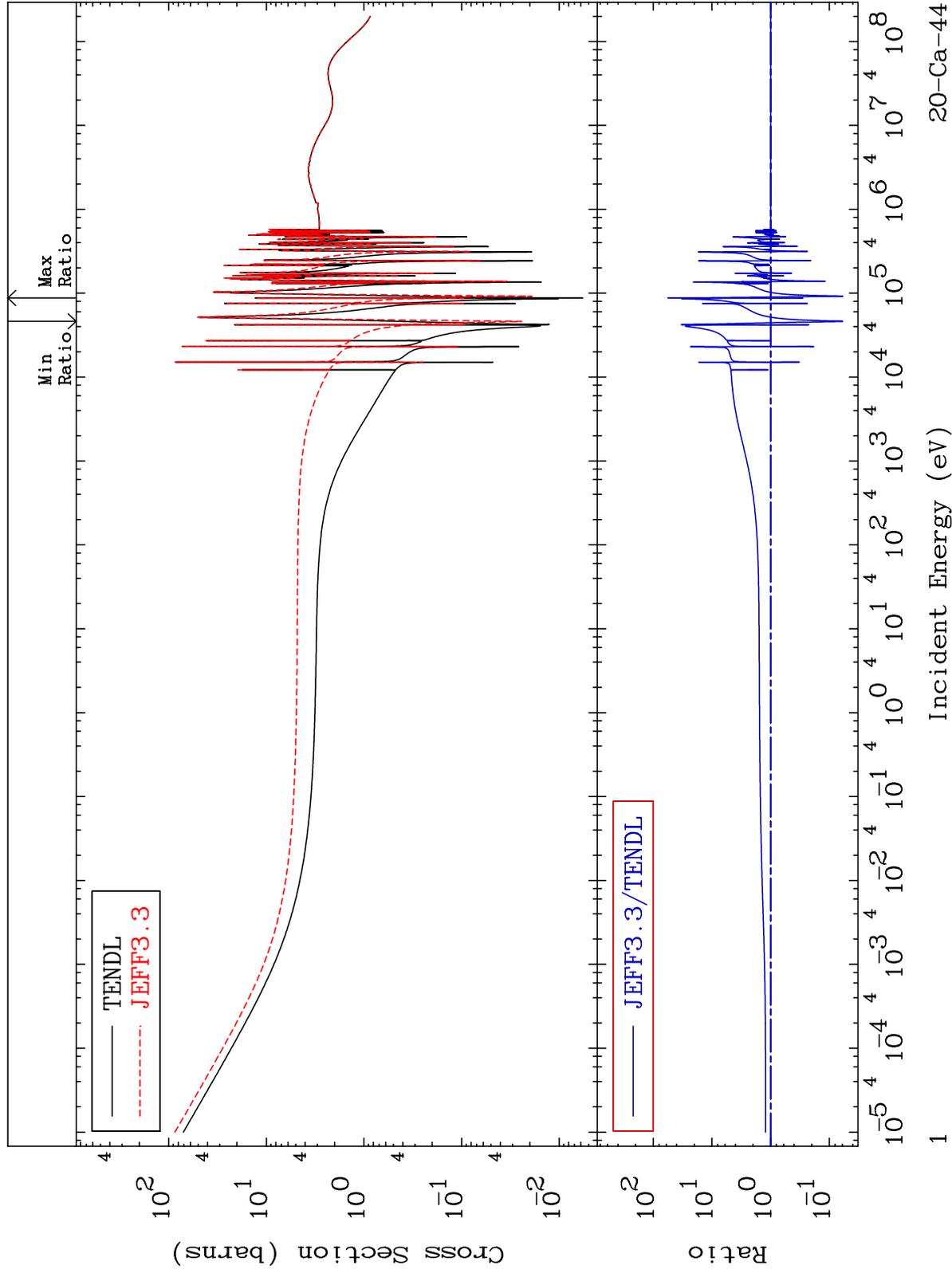
MAT 2037

Total

20-Ca-44

Cross Section

-94.15 To 5491. %



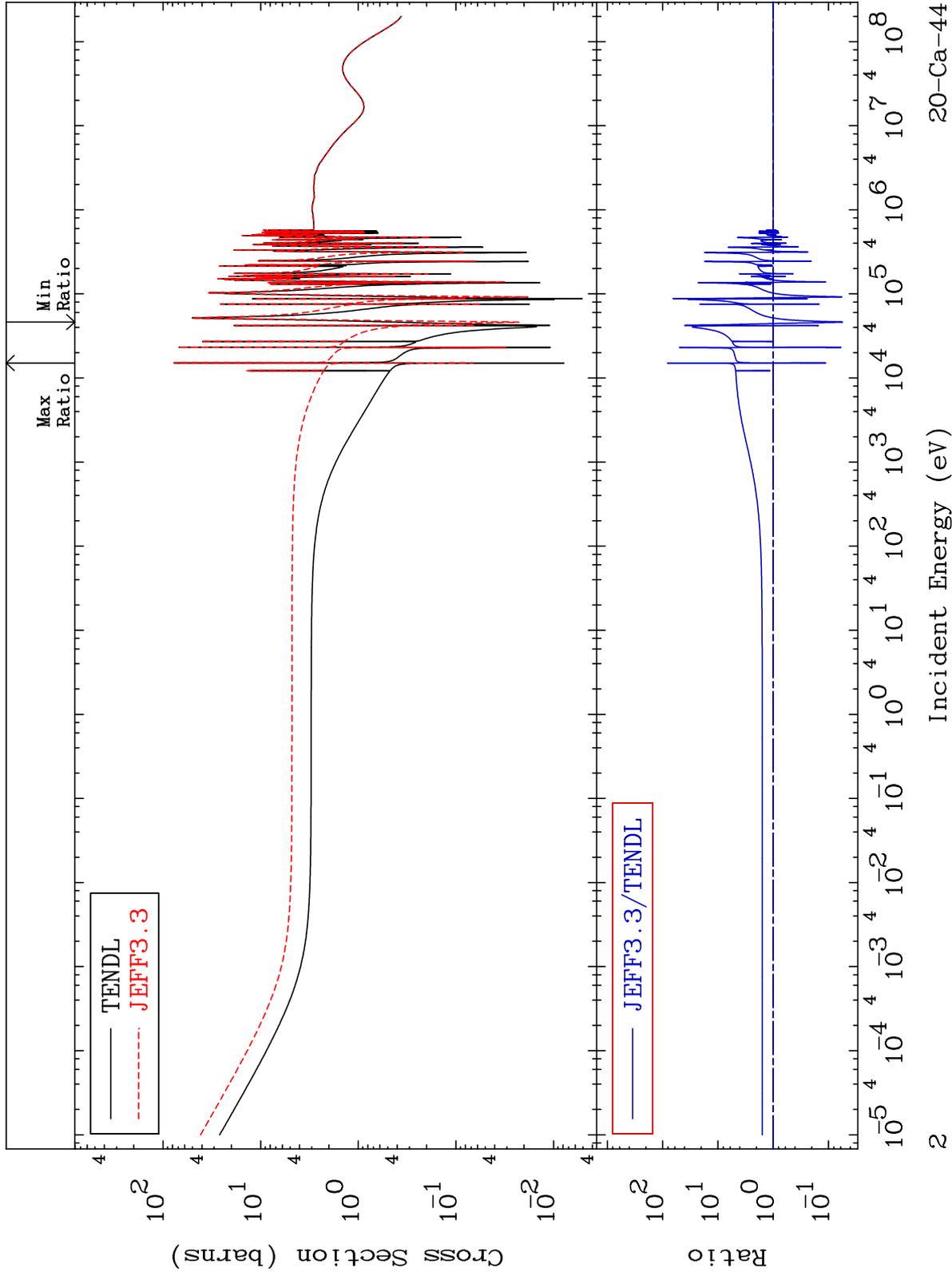
Incident Energy (eV)

20-Ca-44

MAT 2037

Elastic
Cross Section

20-Ca-44
-94.52 To 8001. %



Incident Energy (eV)

20-Ca-44

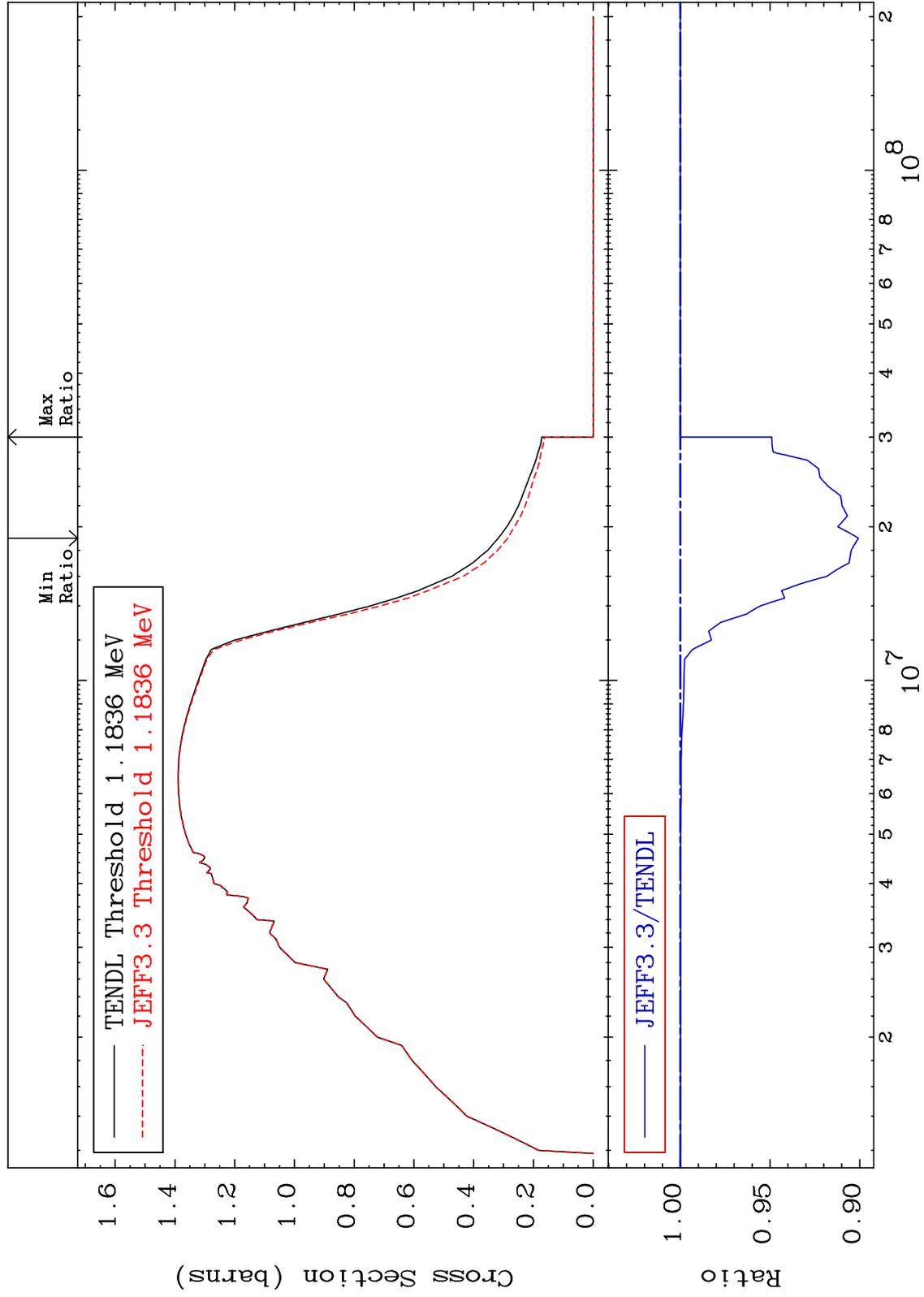
MAT 2037

Inelastic

20-Ca-44

-9.934 To 0.000 %

Cross Section



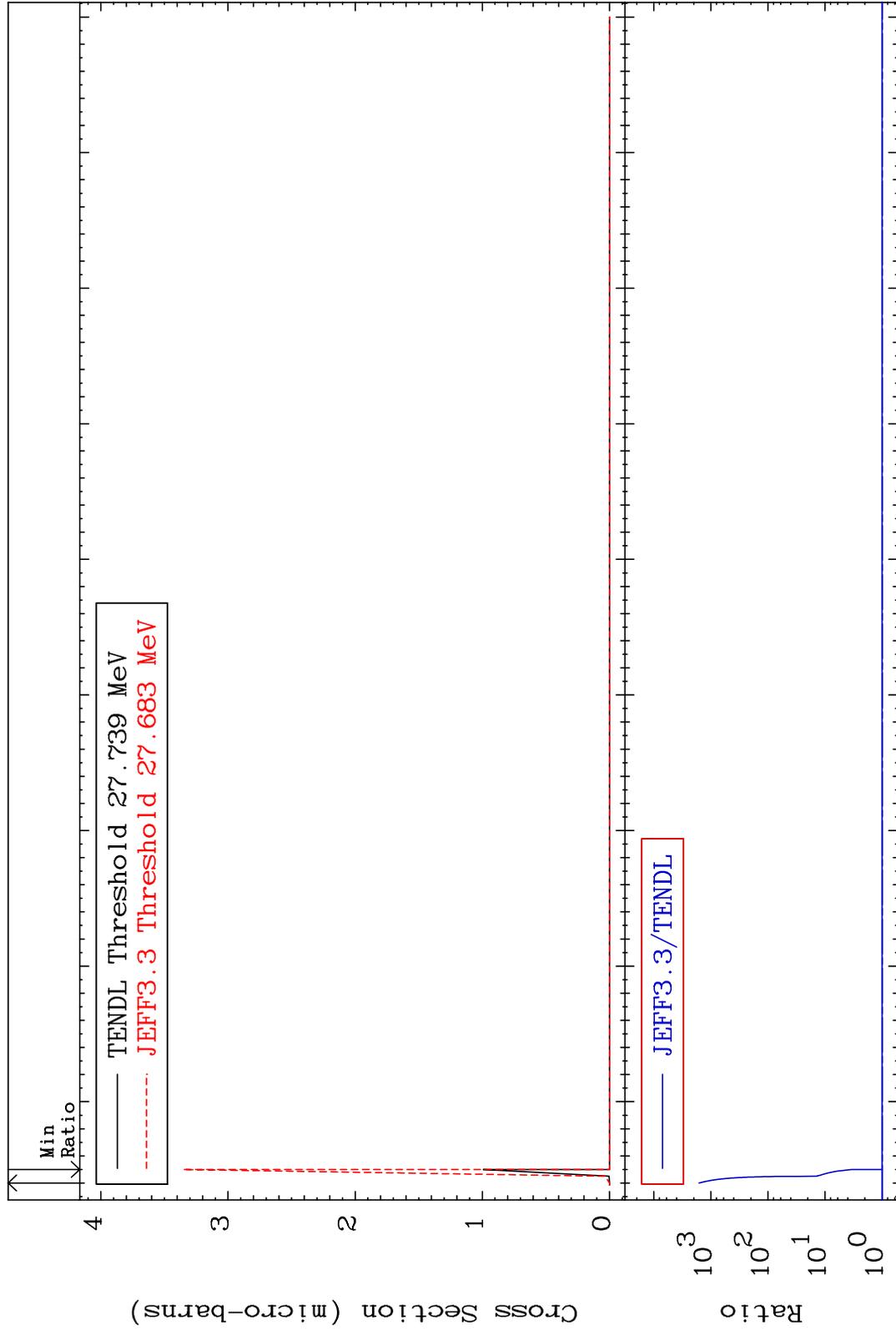
MAT 2037

(n,2n) d

20-Ca-44

Cross Section

0.000 To 9999. %



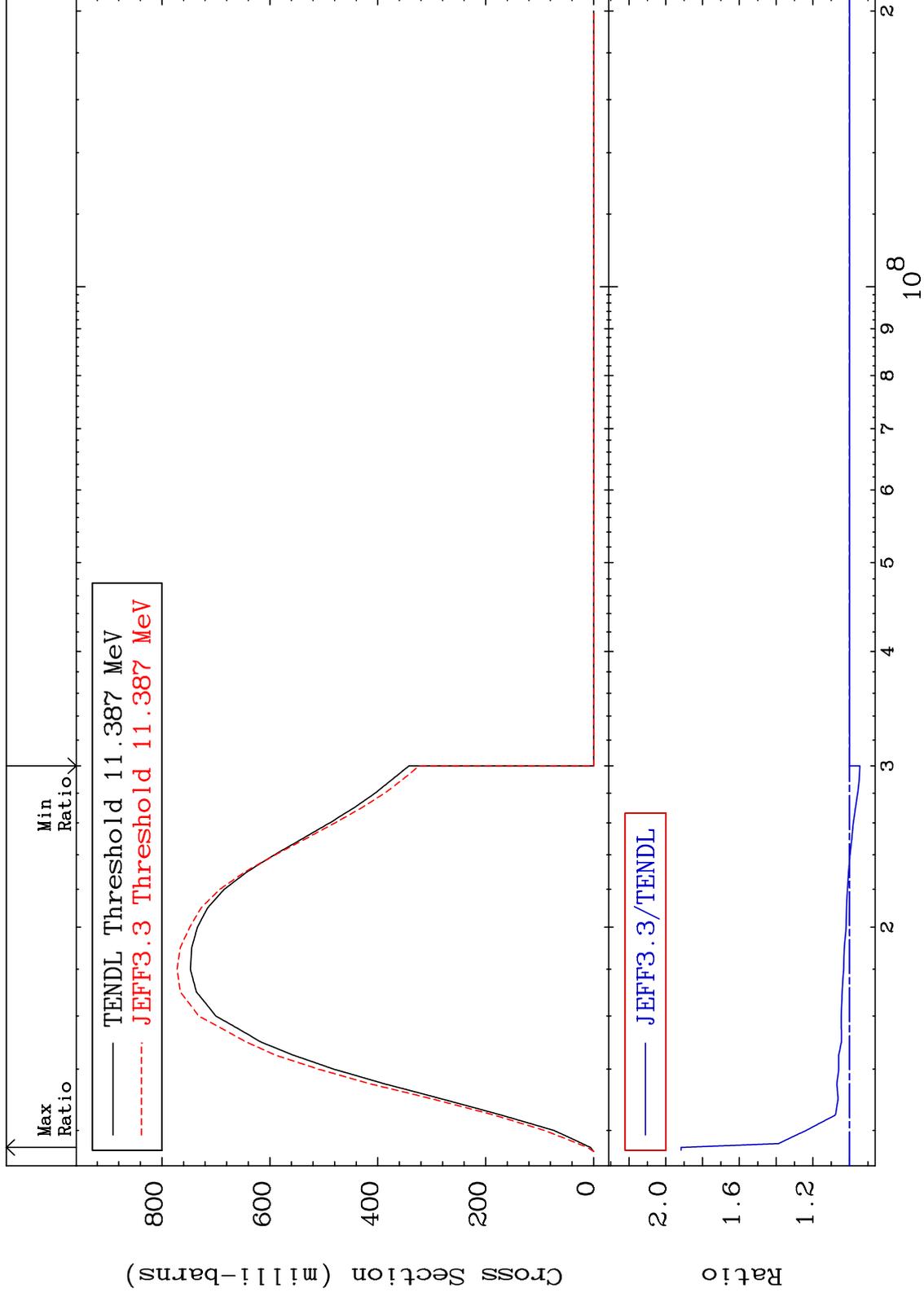
MAT 2037

(n,2n)

20-Ca-44

Cross Section

-5.597 To 91.64 %



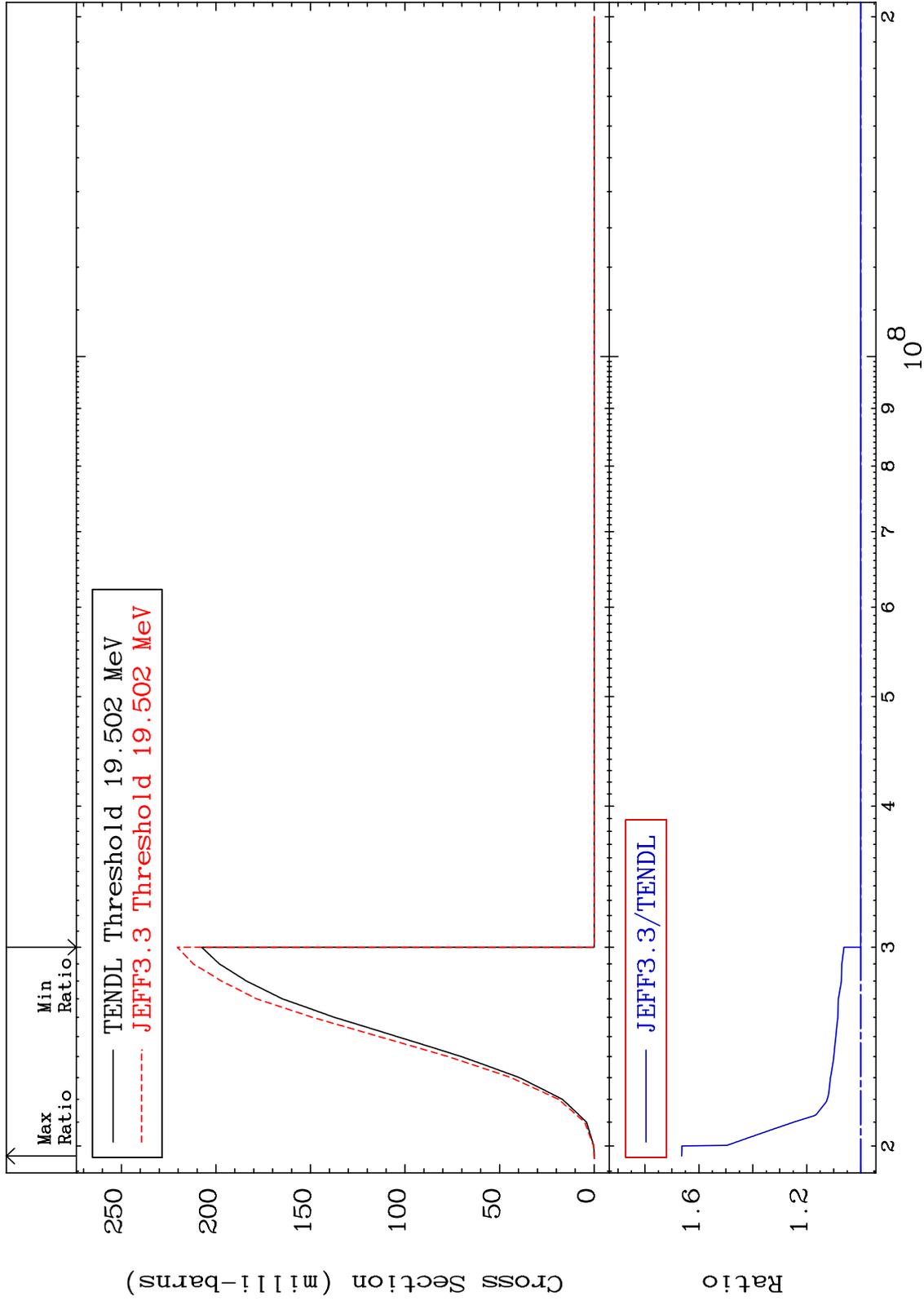
MAT 2037

(n, 3n)

20-Ca-44

Cross Section

0.000 To 66.35 %



6

Incident Energy (eV)

20-Ca-44

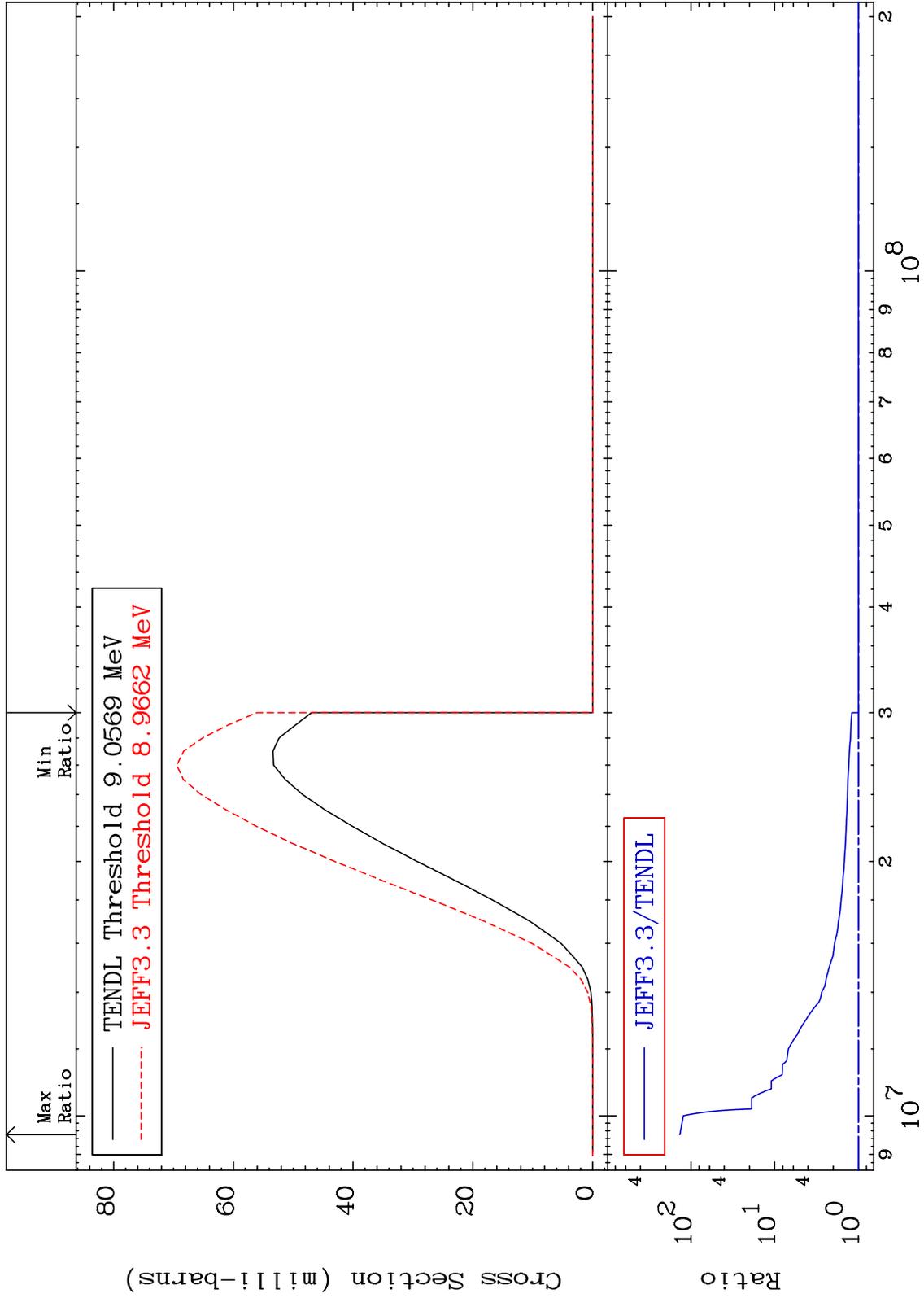
MAT 2037

(n,n') α

20-Ca-44

Cross Section

0.000 To 9999. %



Incident Energy (eV)

20-Ca-44

7

MAT 2037

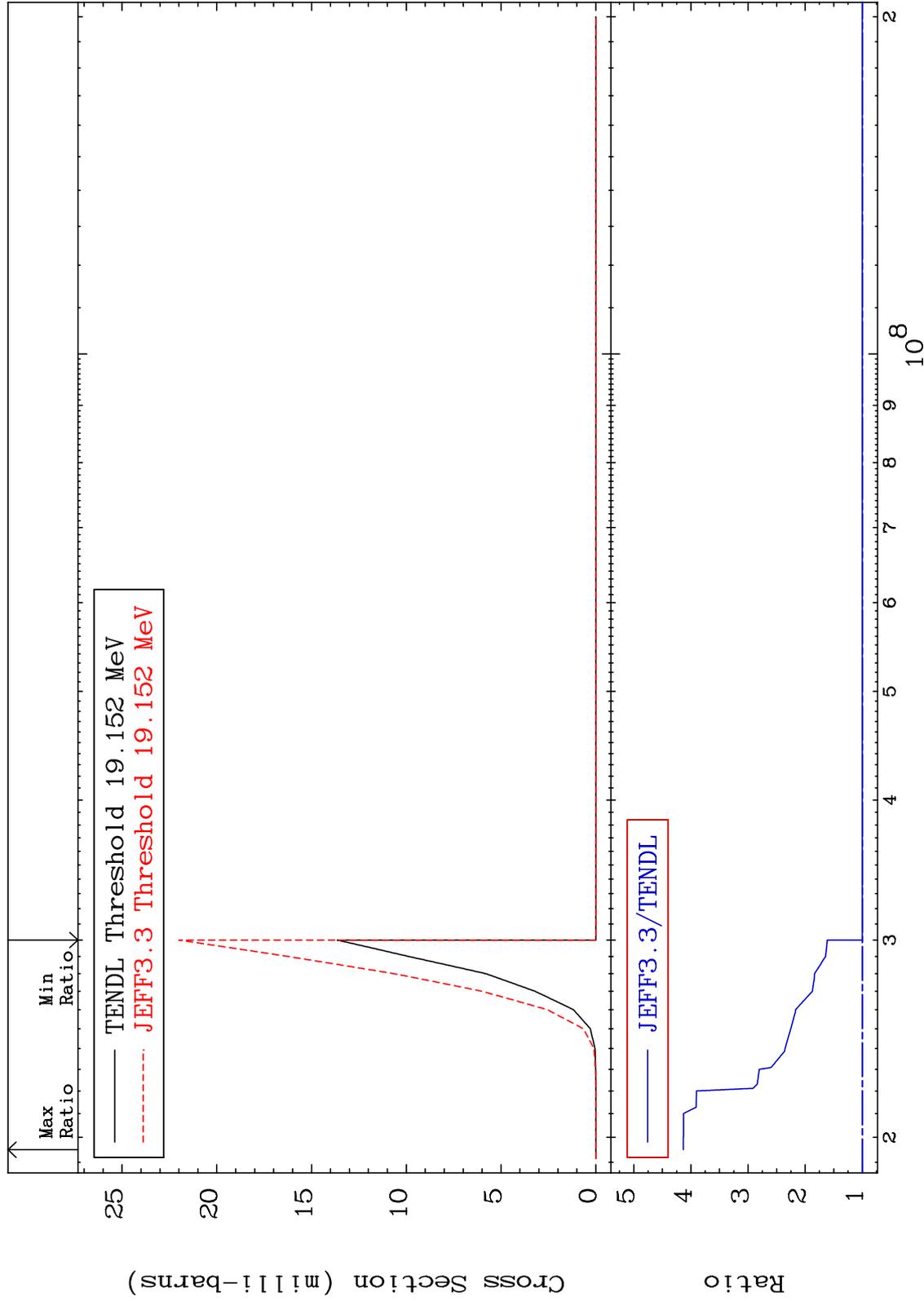
(n,2n) α

20-Ca-44

Cross Section

0.000

To 313.2 %



8

Incident Energy (eV)

20-Ca-44

MAT 2037

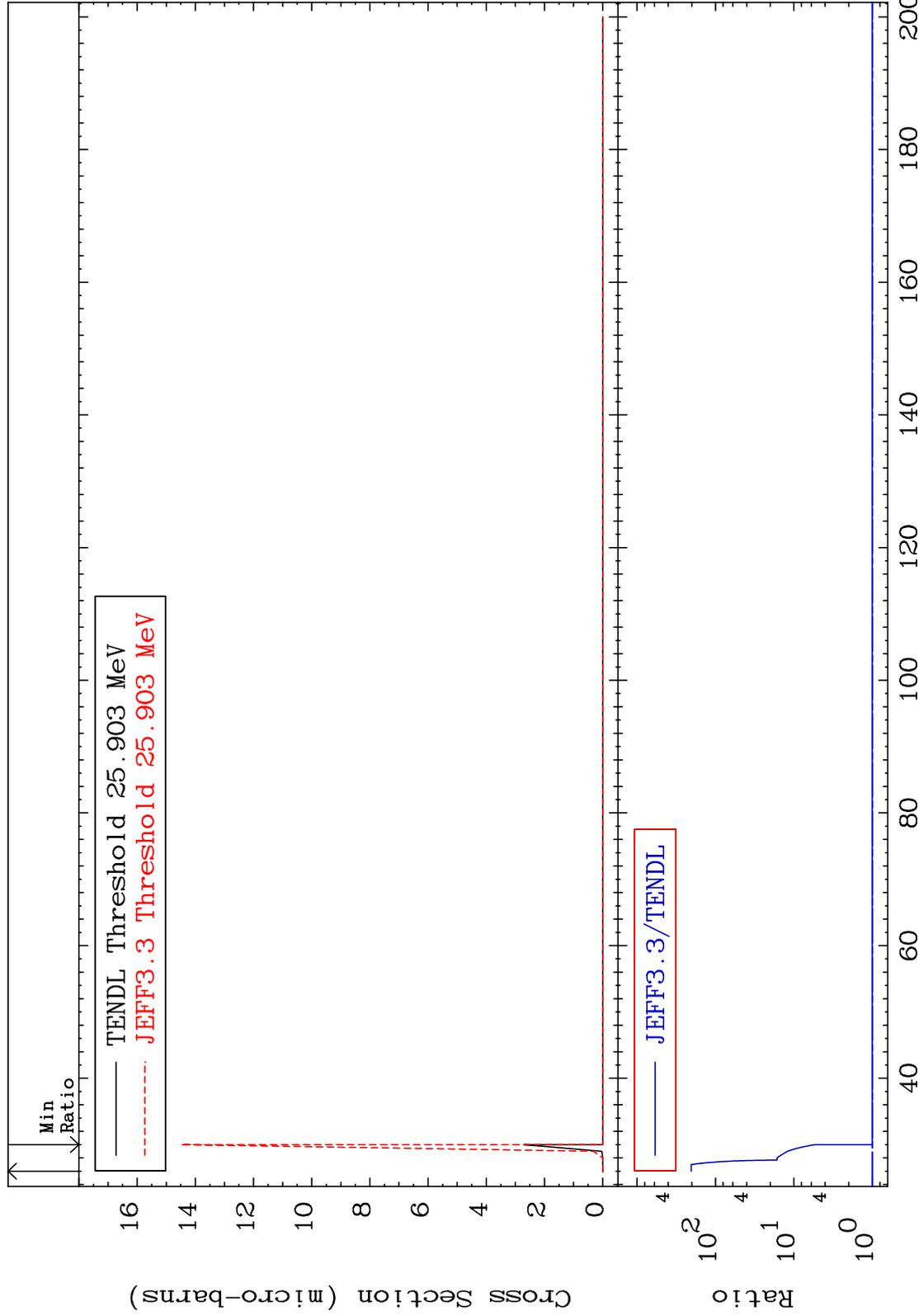
(n,3n) α

20-Ca-44

Cross Section

0.000

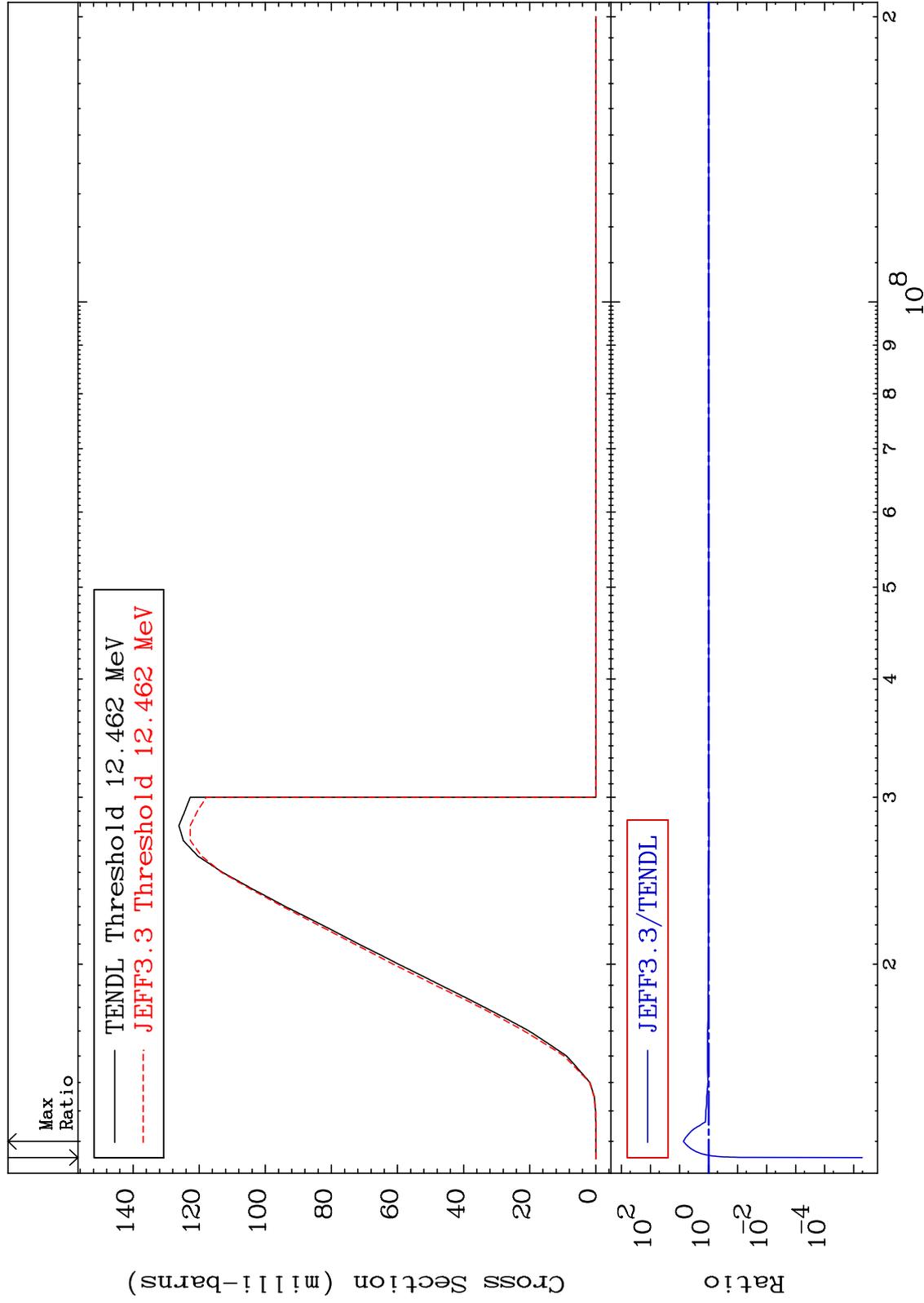
To 9999. %



MAT 2037

(n,n') p
Cross Section

20-Ca-44
-100.0 To 638.3 %



10

Incident Energy (eV)

20-Ca-44

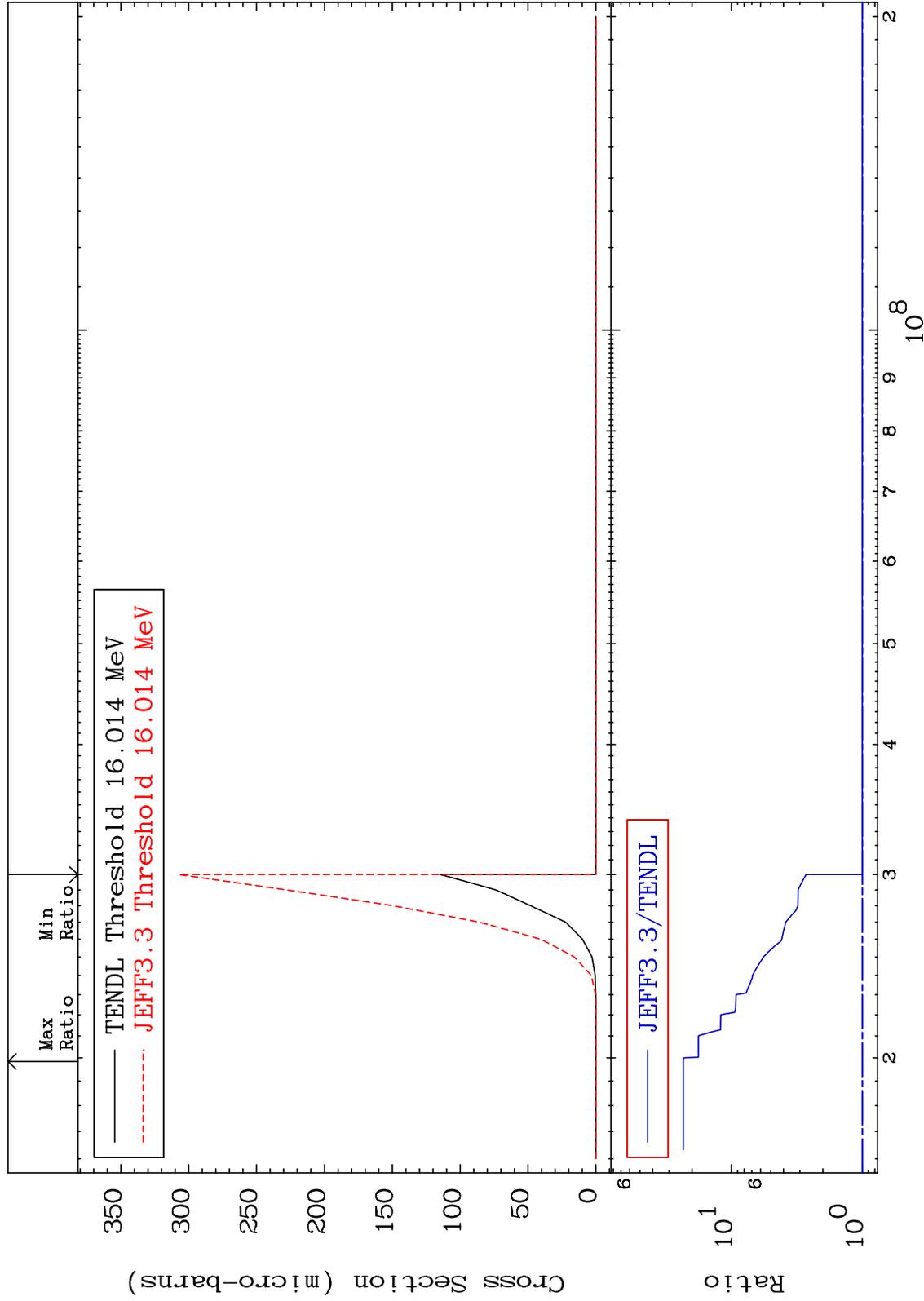
MAT 2037

(n,n') 2α

20-Ca-44

Cross Section

0.000 To 2234. %



MAT 2037

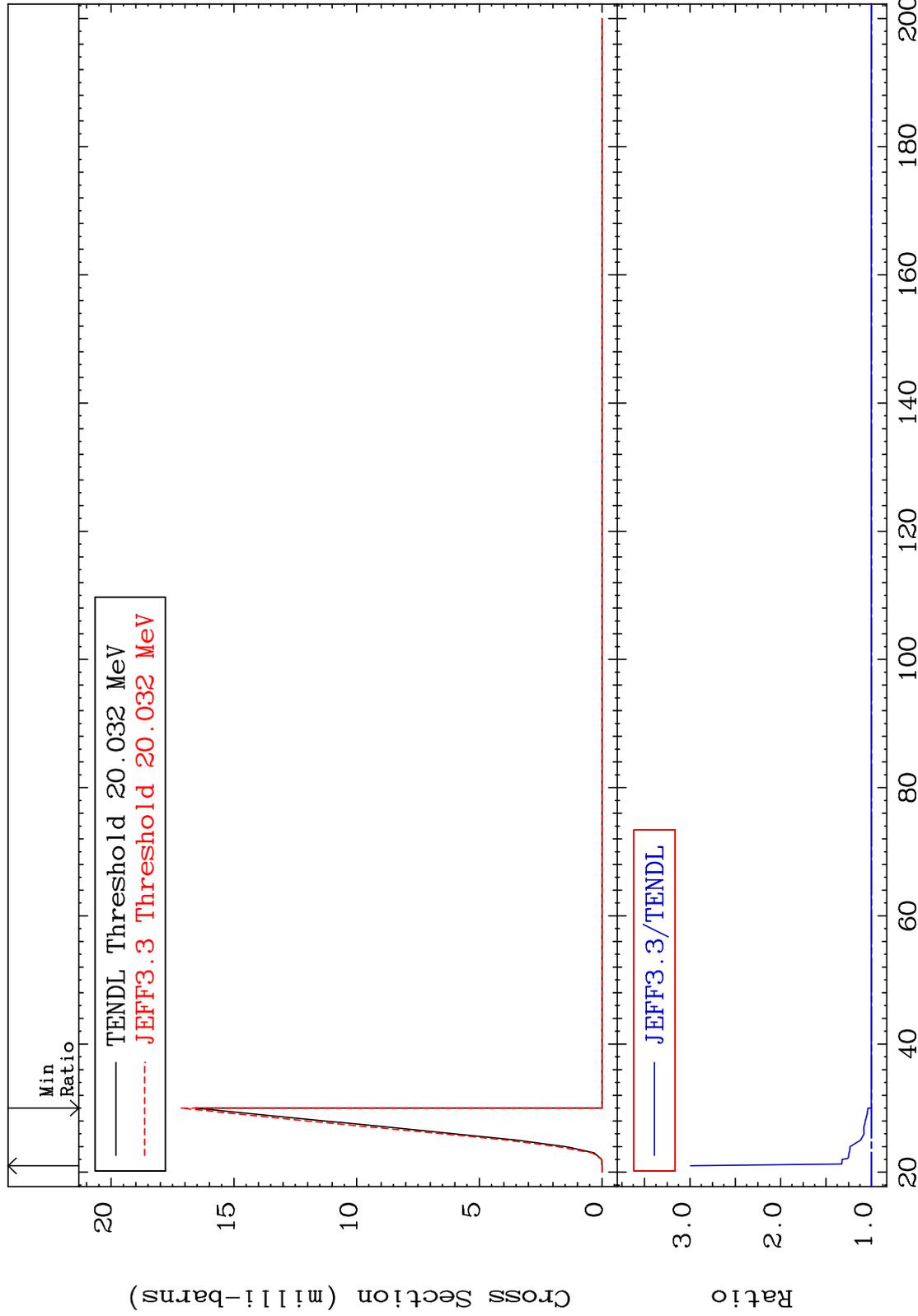
(n,n') d

20-Ca-44

Cross Section

0.000

To 199.3 %



20-Ca-44

Incident Energy (MeV)

12

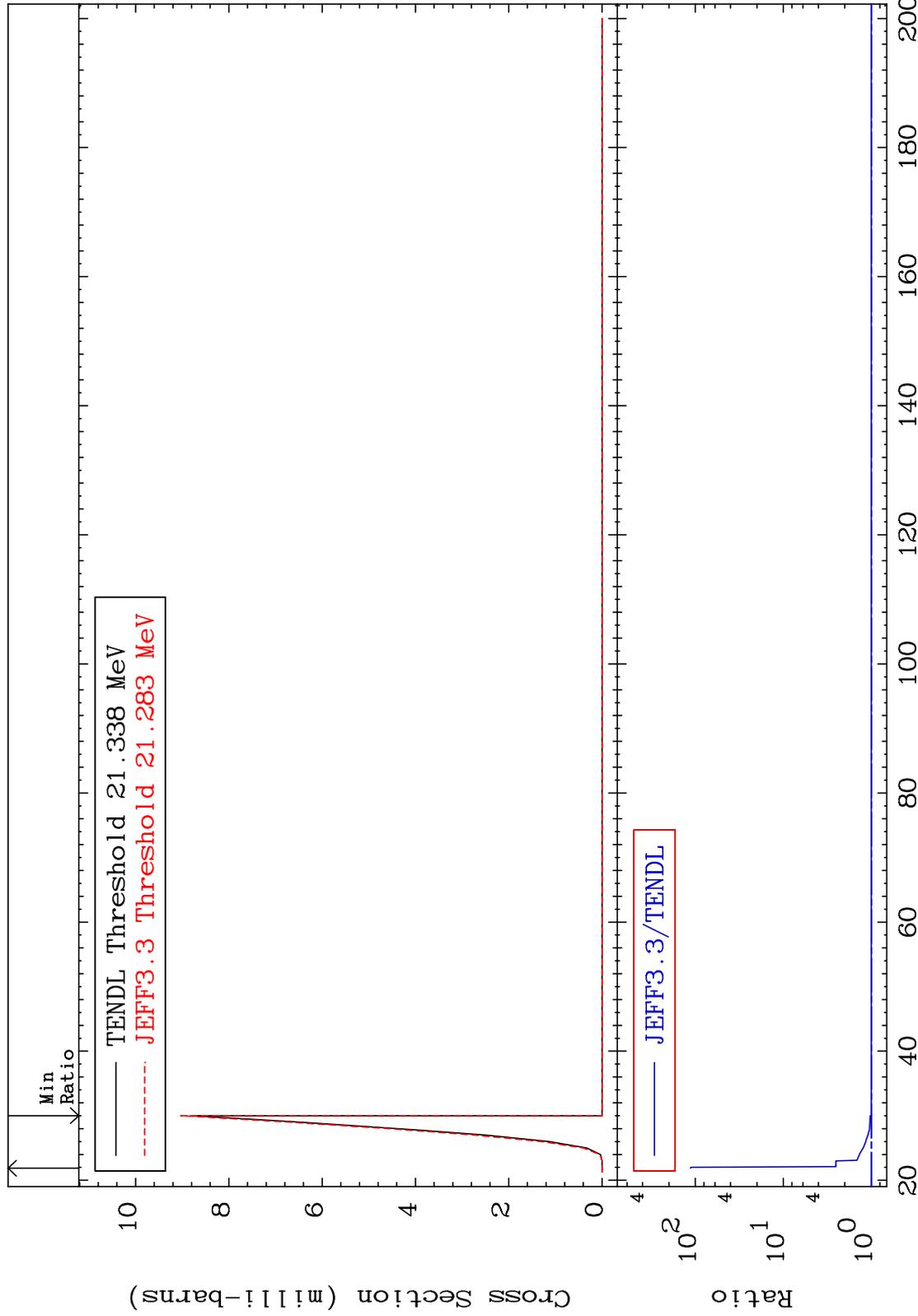
MAT 2037

(n,n') t

20-Ca-44

Cross Section

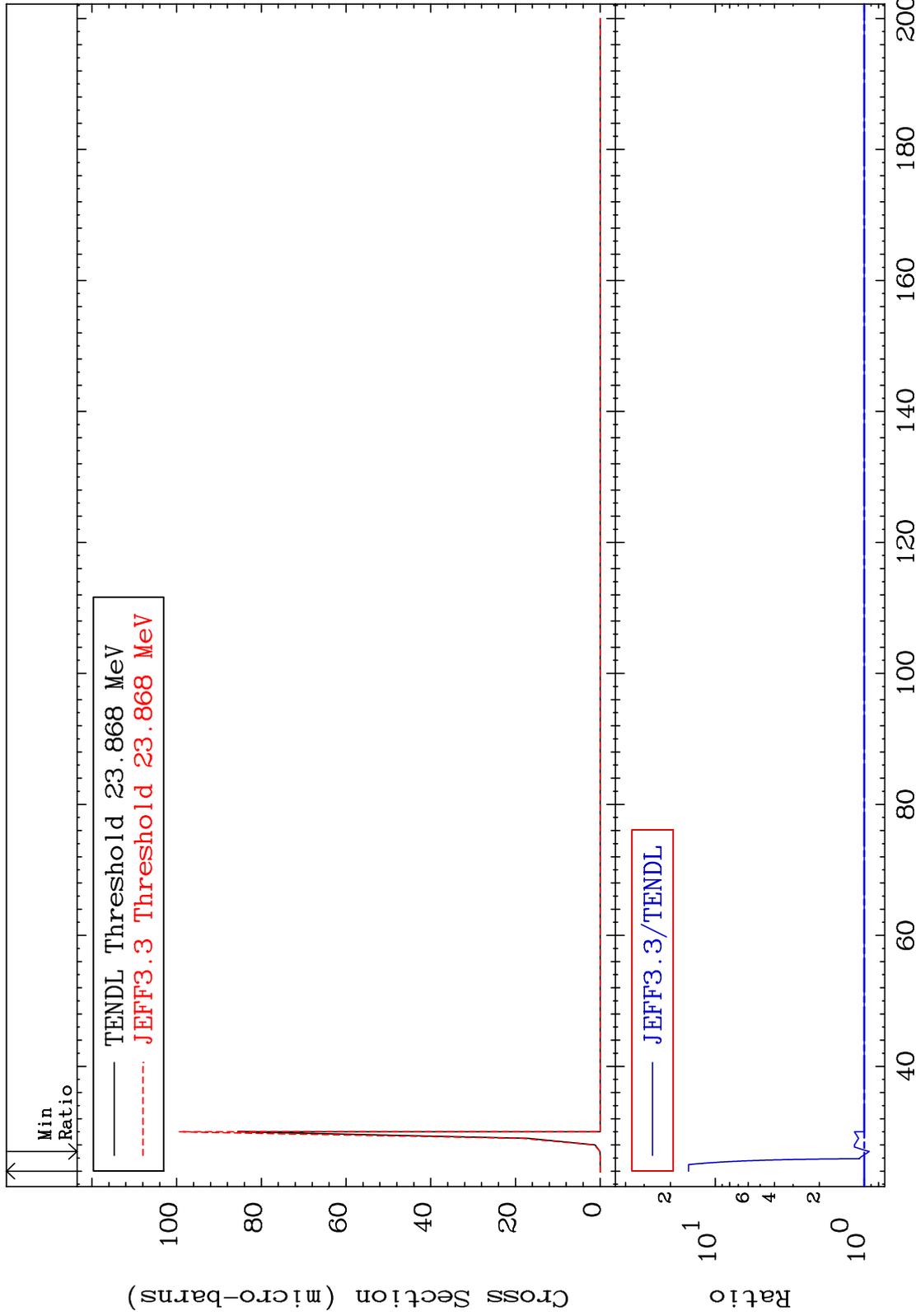
0.000 To 9999. %



MAT 2037

(n,n') He-3
Cross Section

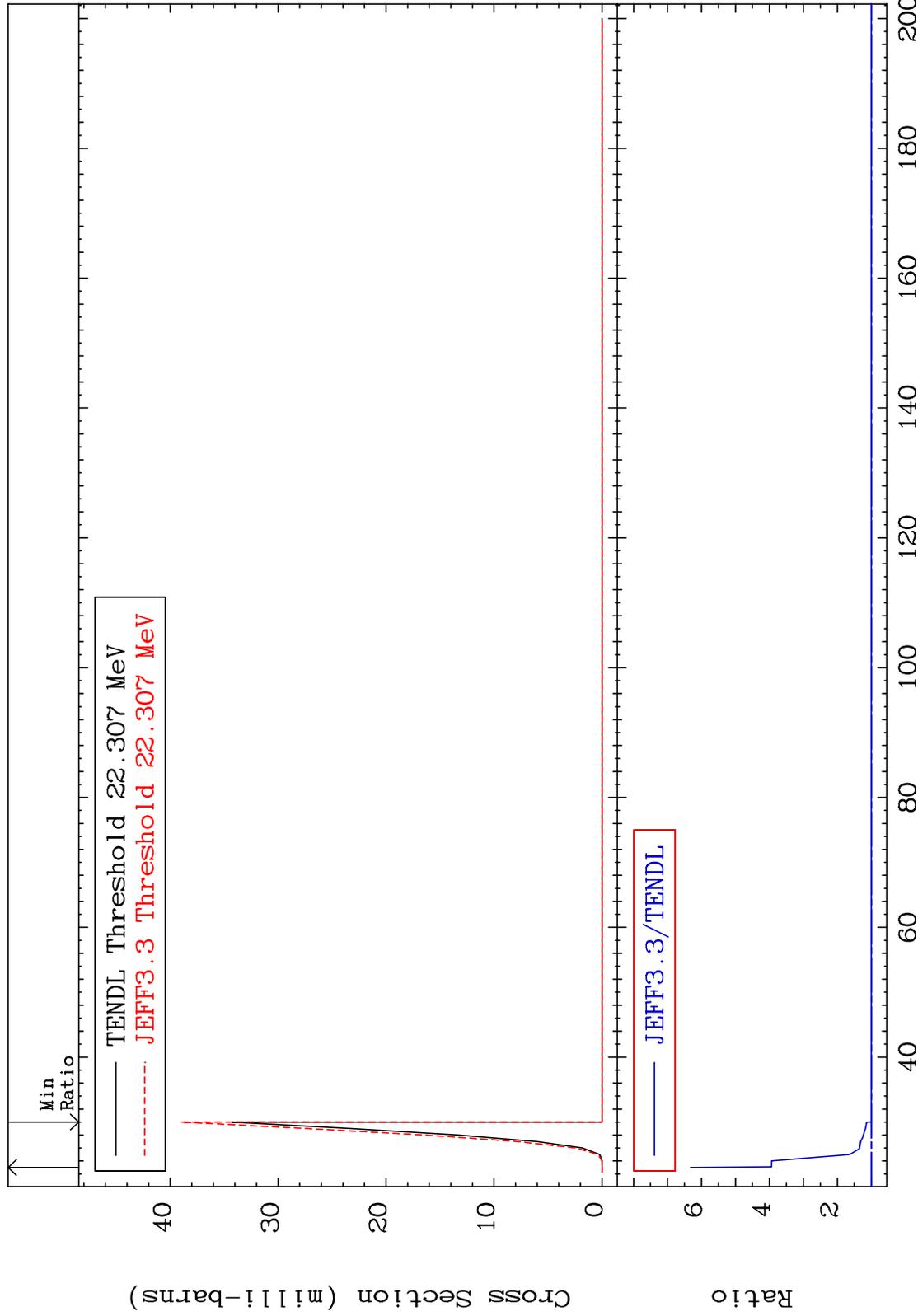
20-Ca-44
-7.615 To 1410. %



MAT 2037

(n,2n) p
Cross Section

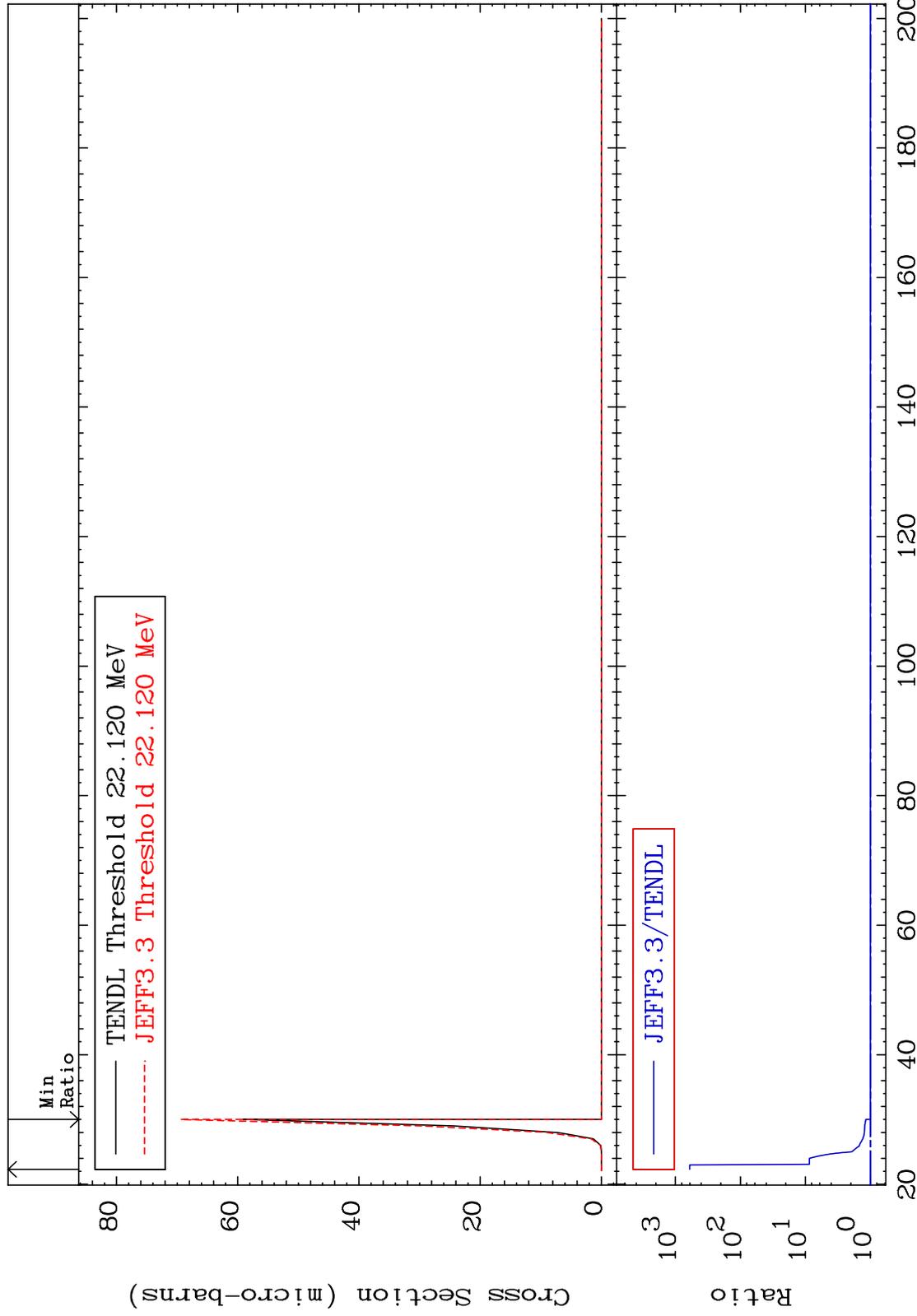
0.000 To 532.2 %
20-Ca-44



MAT 2037

(n,2n) p
Cross Section

20-Ca-44
0.000 To 9999. %

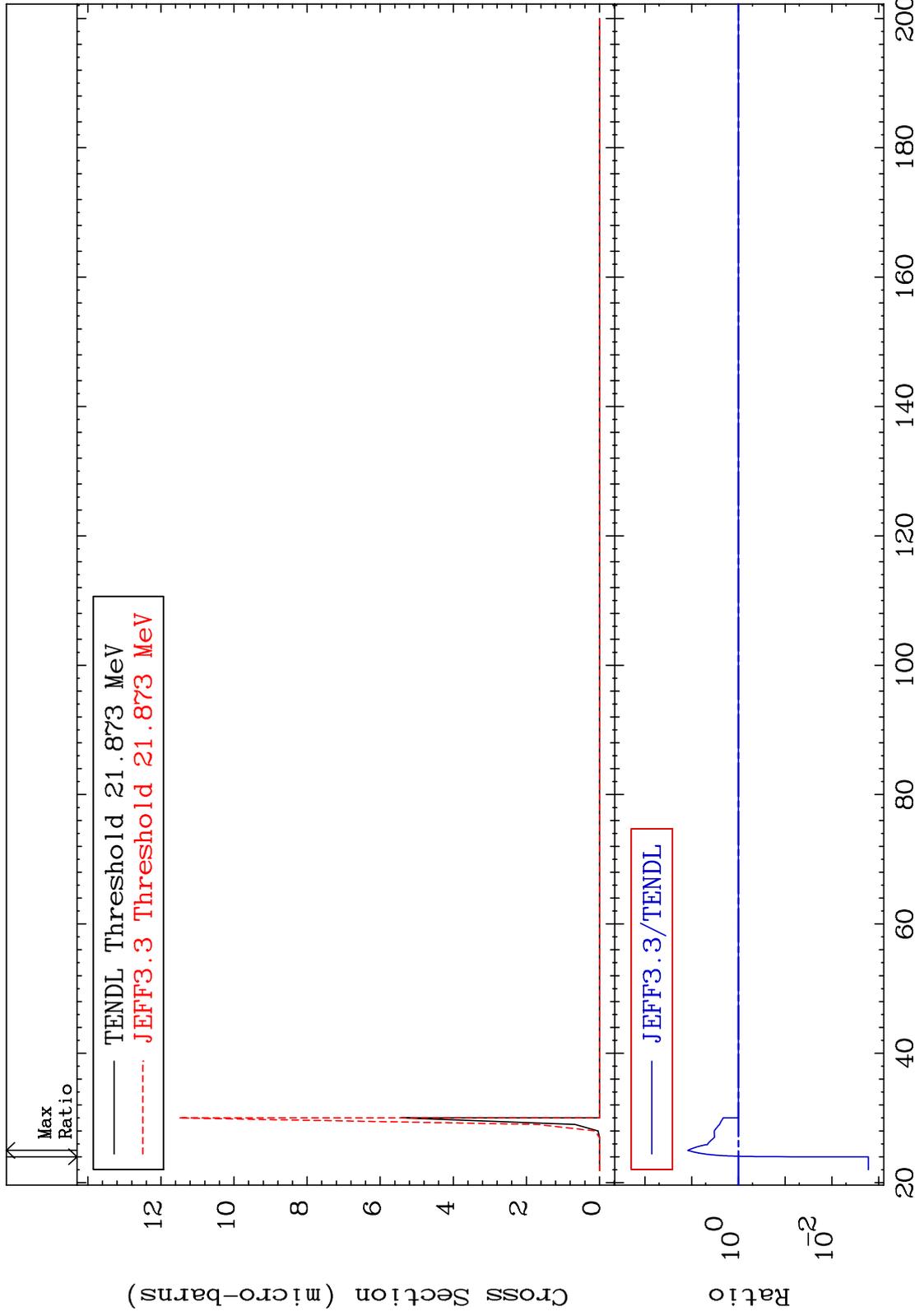


Incident Energy (MeV) 20-Ca-44

MAT 2037

(n,n') p α
Cross Section

20-Ca-44
-99.83 To 1109. %



17

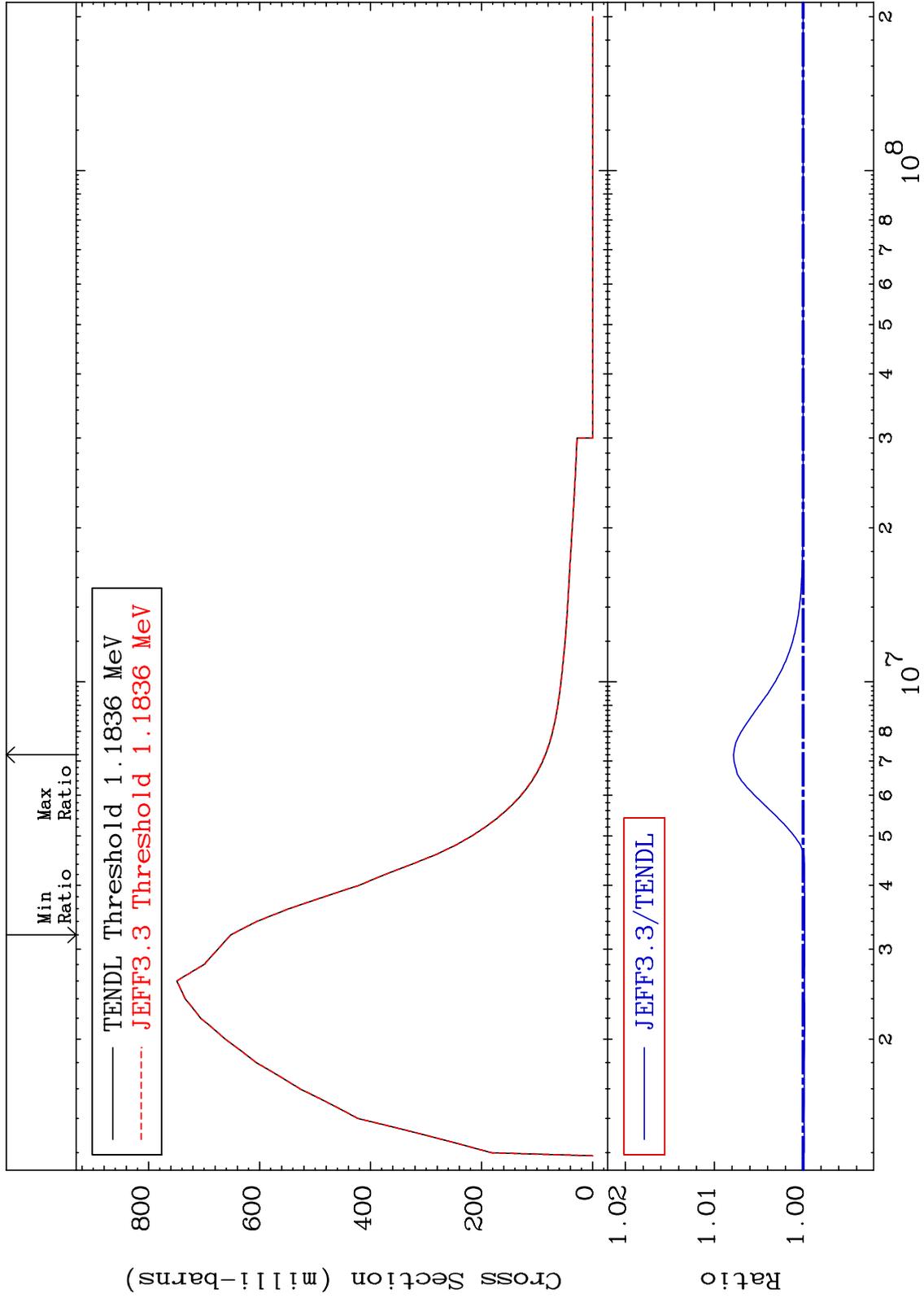
Incident Energy (MeV)

20-Ca-44

MAT 2037

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

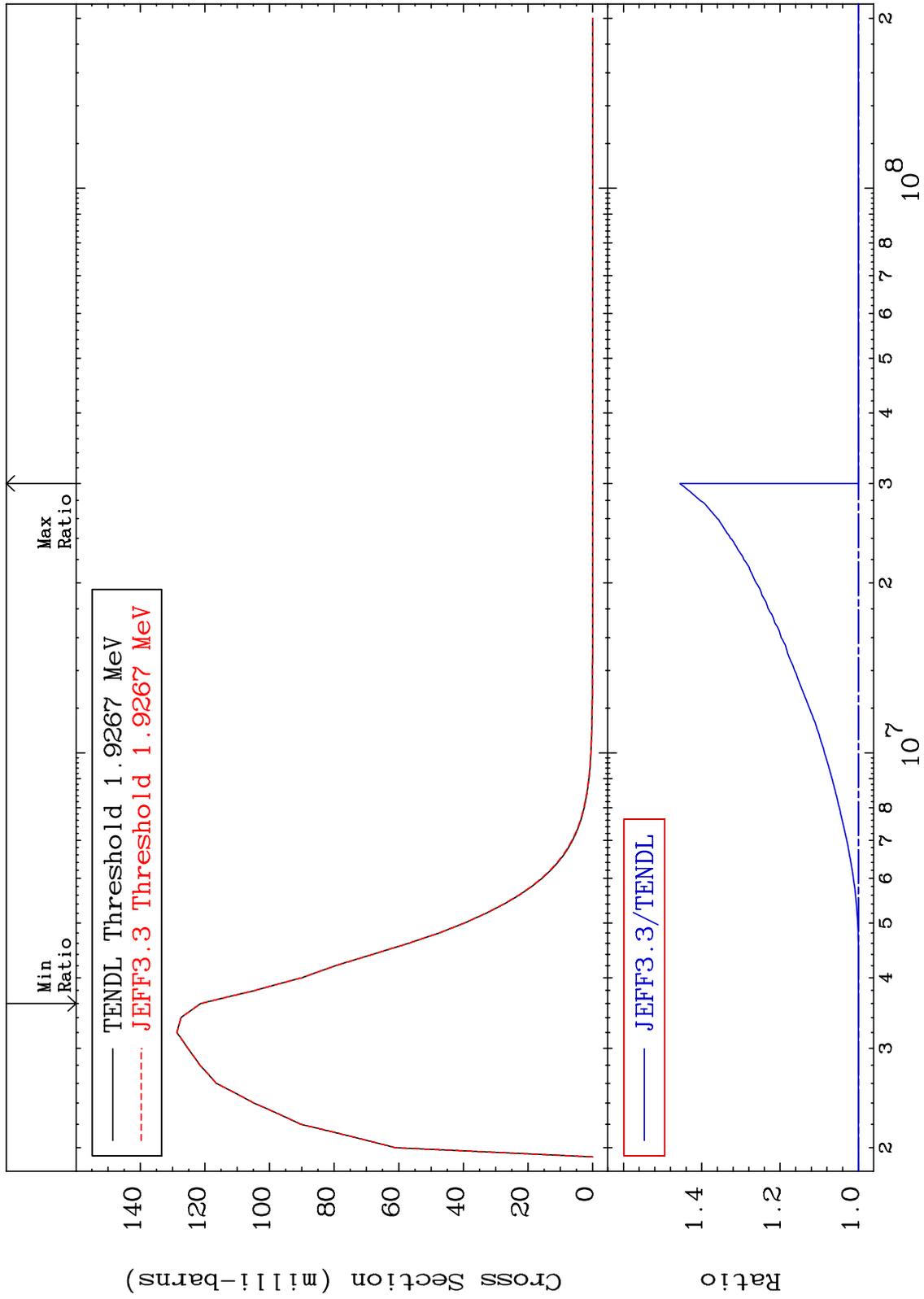
20-Ca-44
-0.017 To 0.783 %



MAT 2037

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

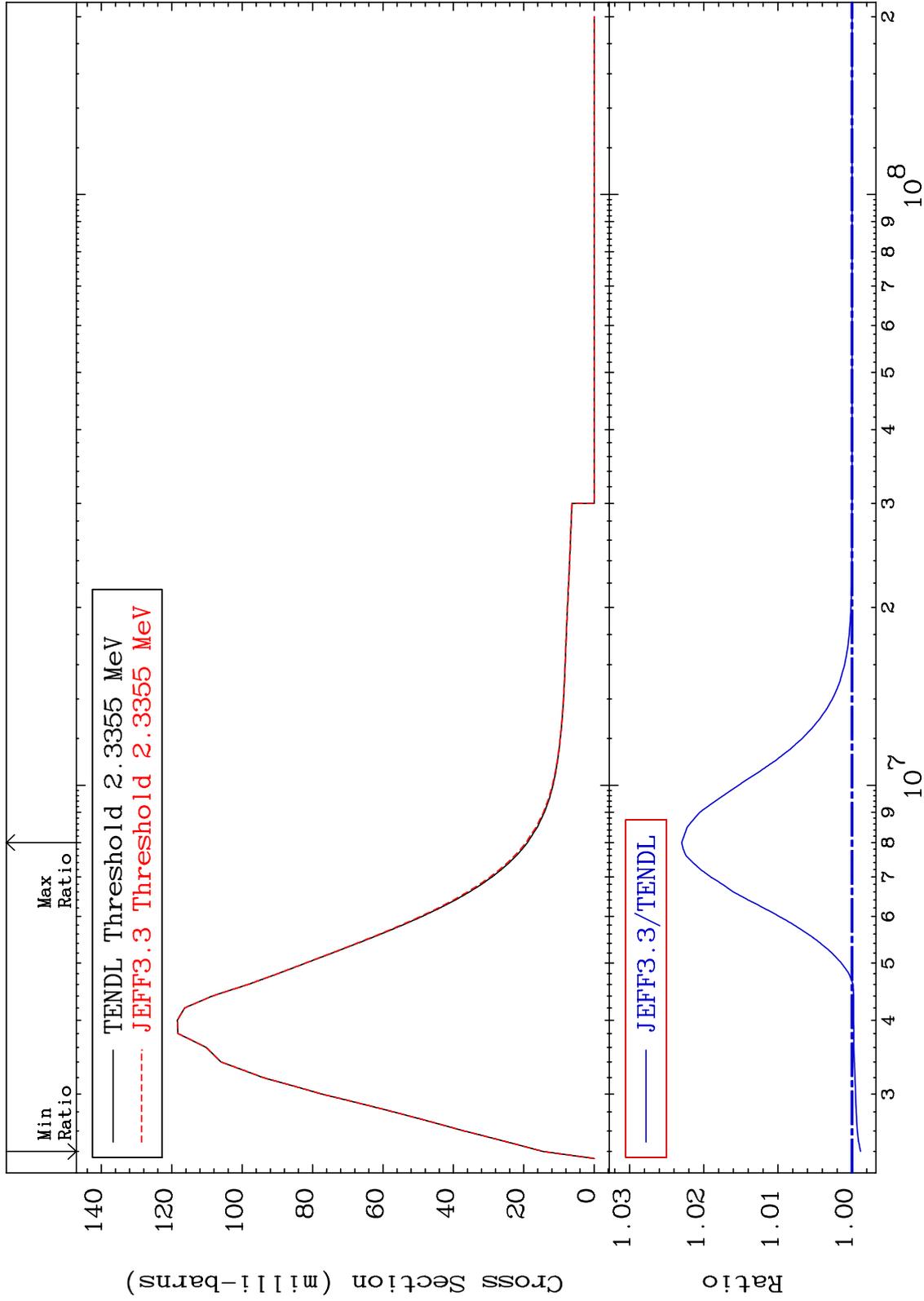
20-Ca-44
-0.018 To 45.58 %



MAT 2037

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

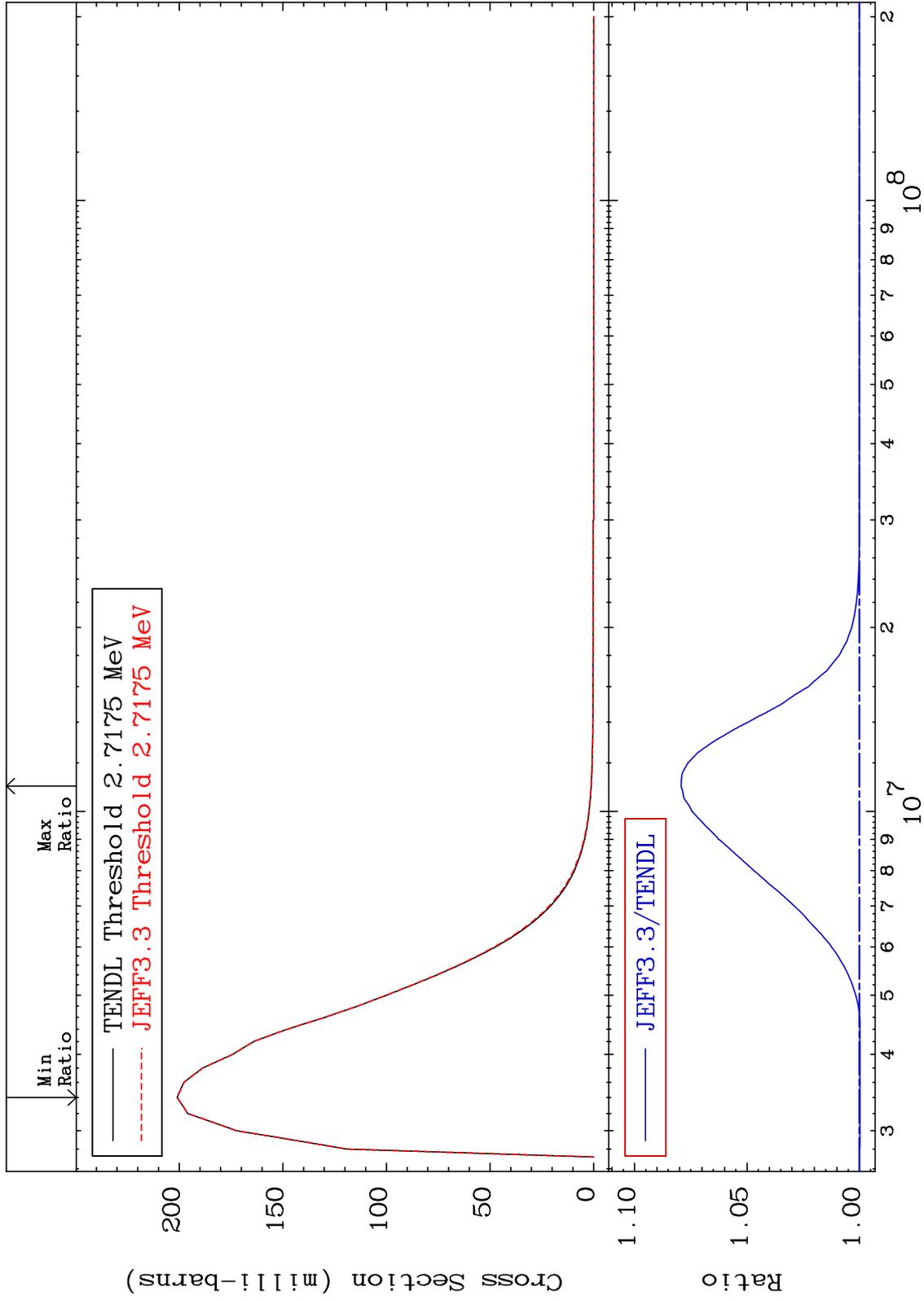
20-Ca-44
-0.117 To 2.297 %



MAT 2037

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

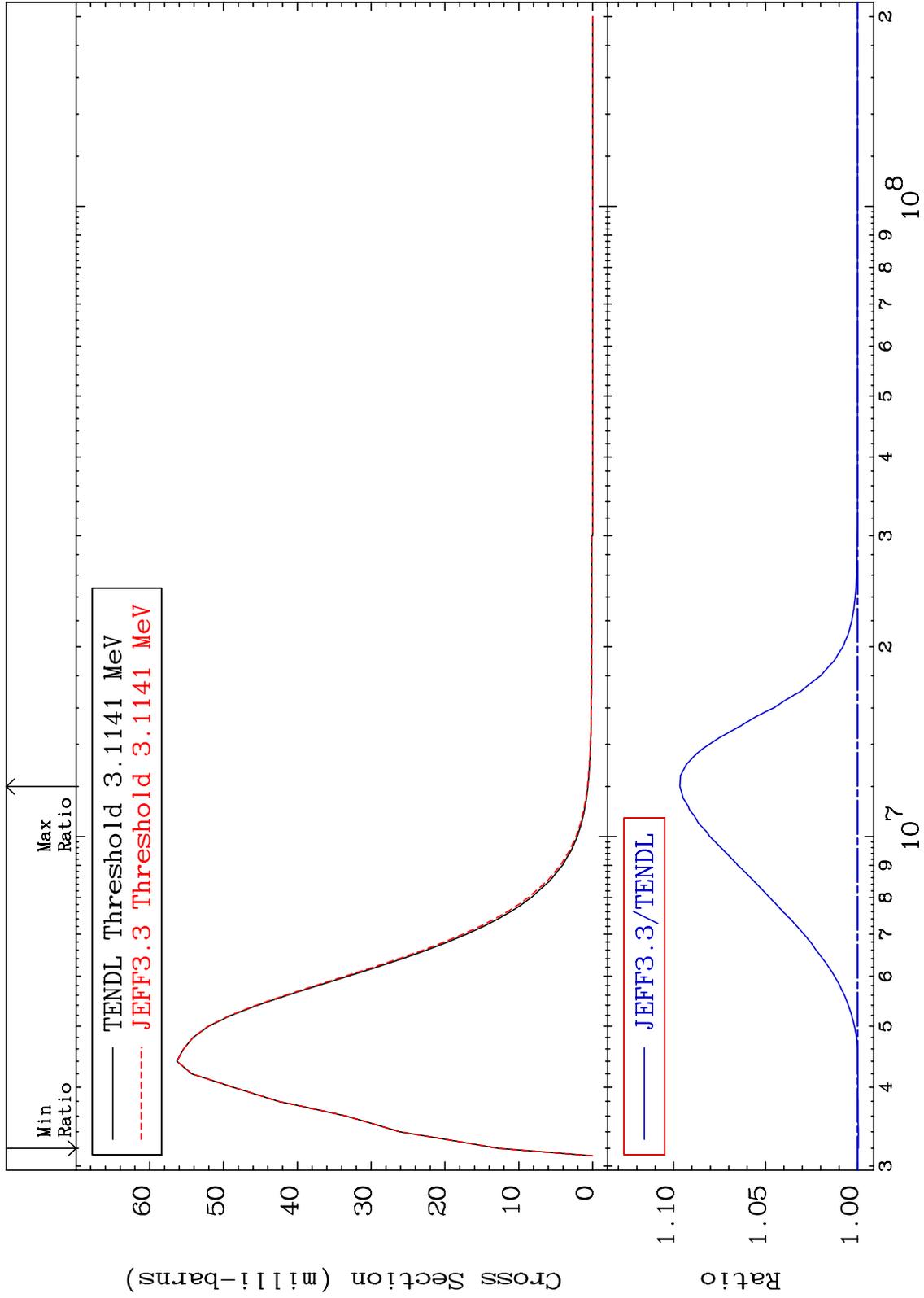
20-Ca-44
-0.021 To 7.928 %



MAT 2037

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

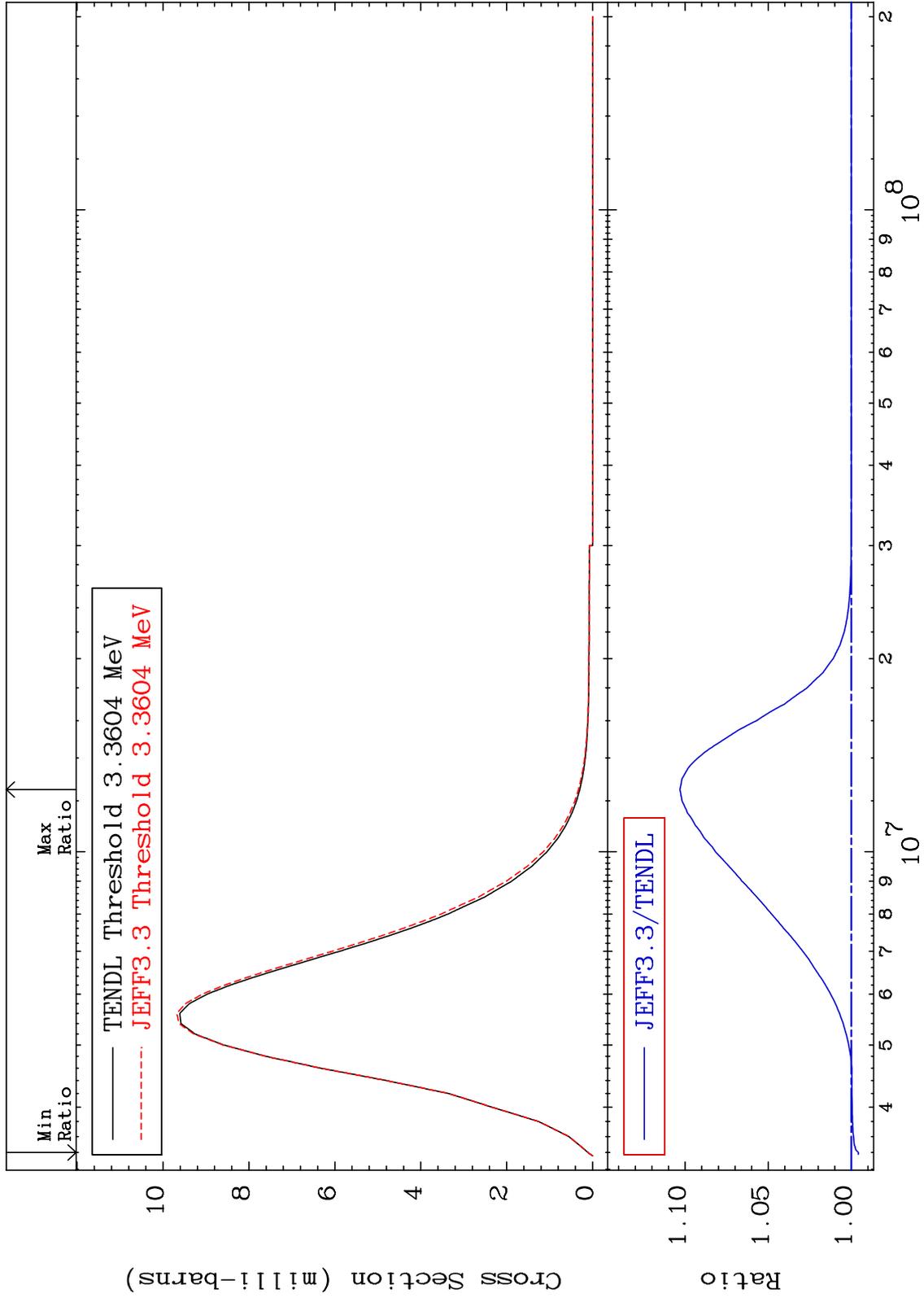
20-Ca-44
-0.052 To 9.655 %



MAT 2037

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

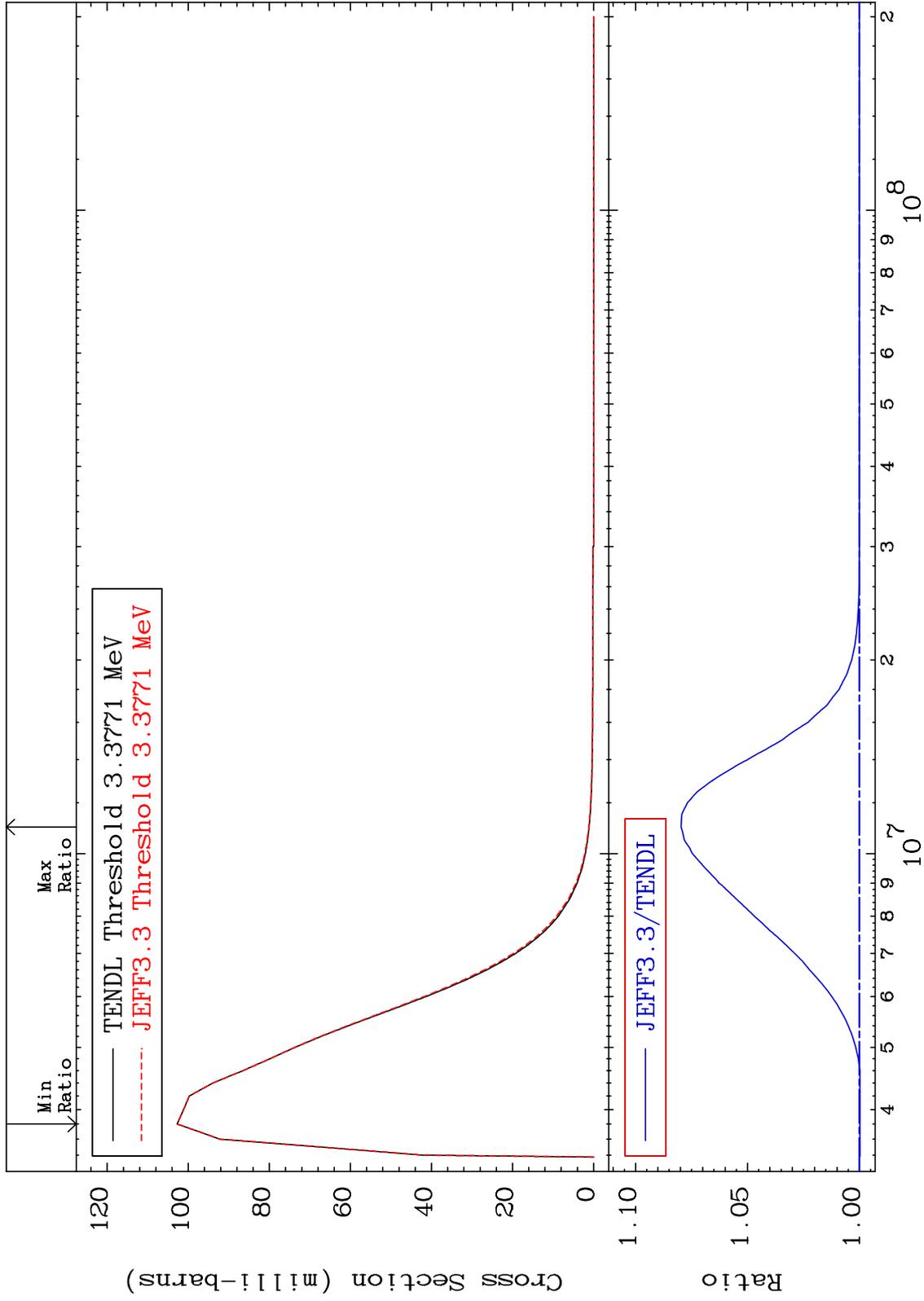
20-Ca-44
-0.424 To 10.31 %



MAT 2037

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

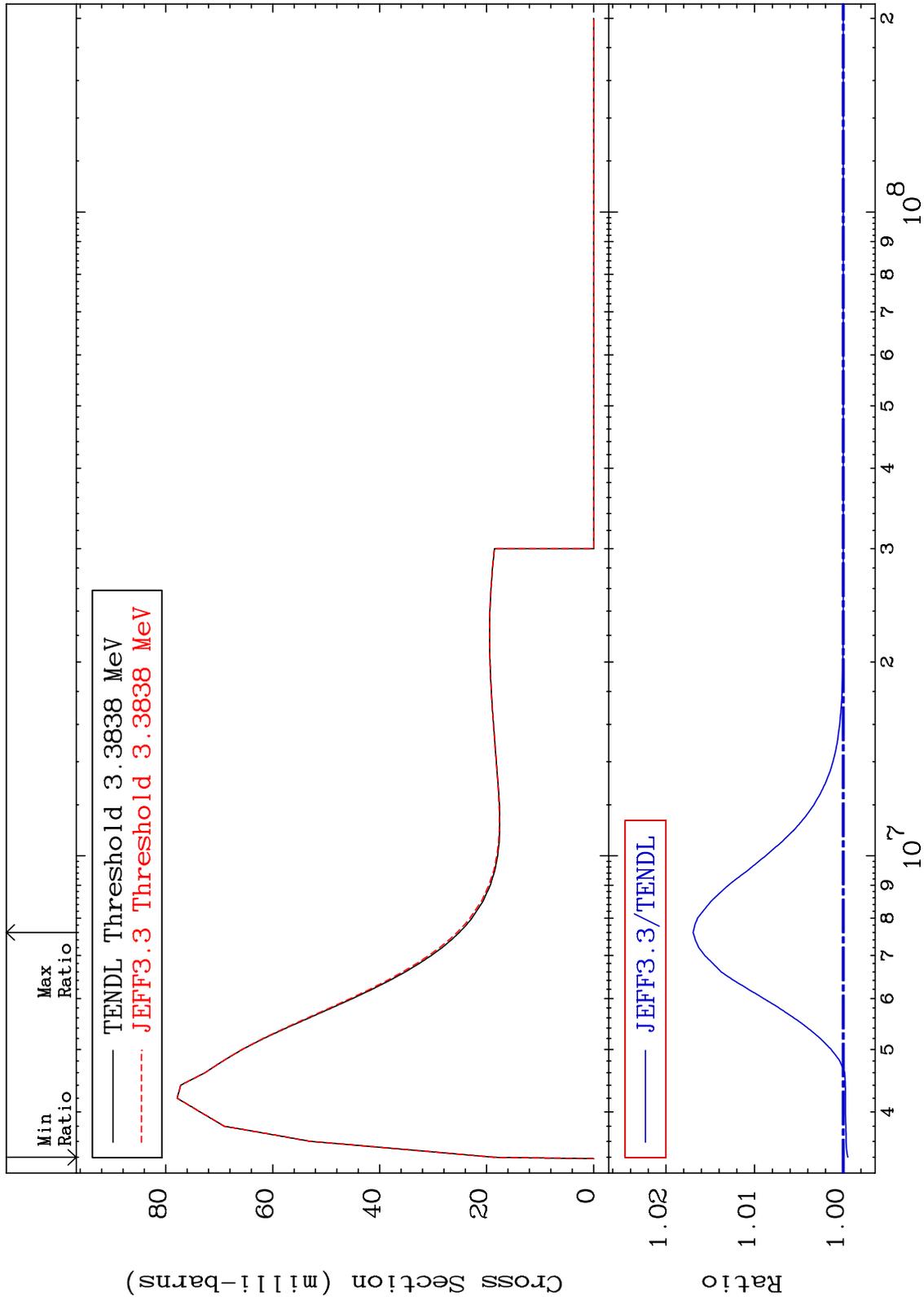
20-Ca-44
-0.020 To 7.964 %



MAT 2037

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

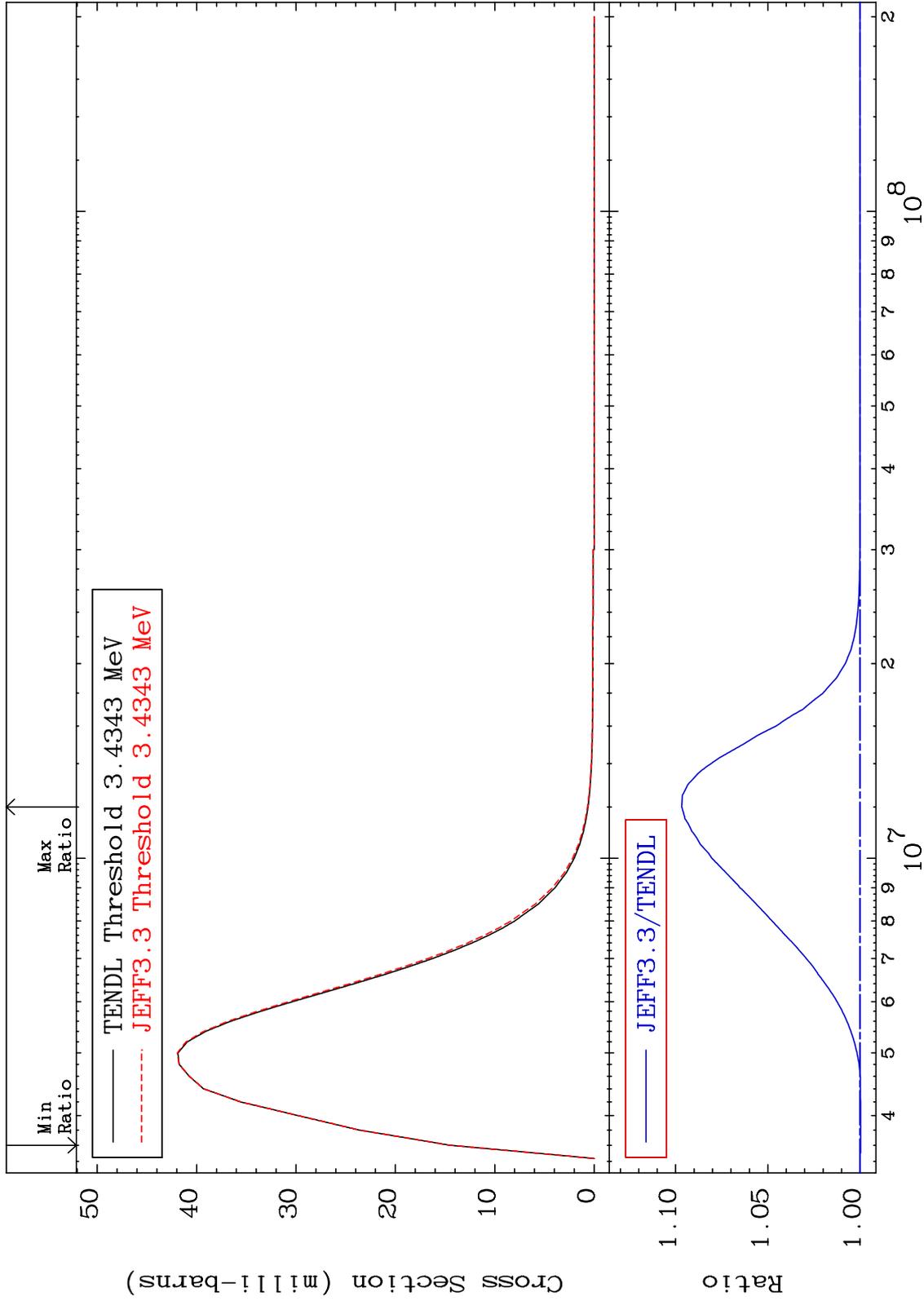
20-Ca-44
-0.053 To 1.694 %



MAT 2037

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

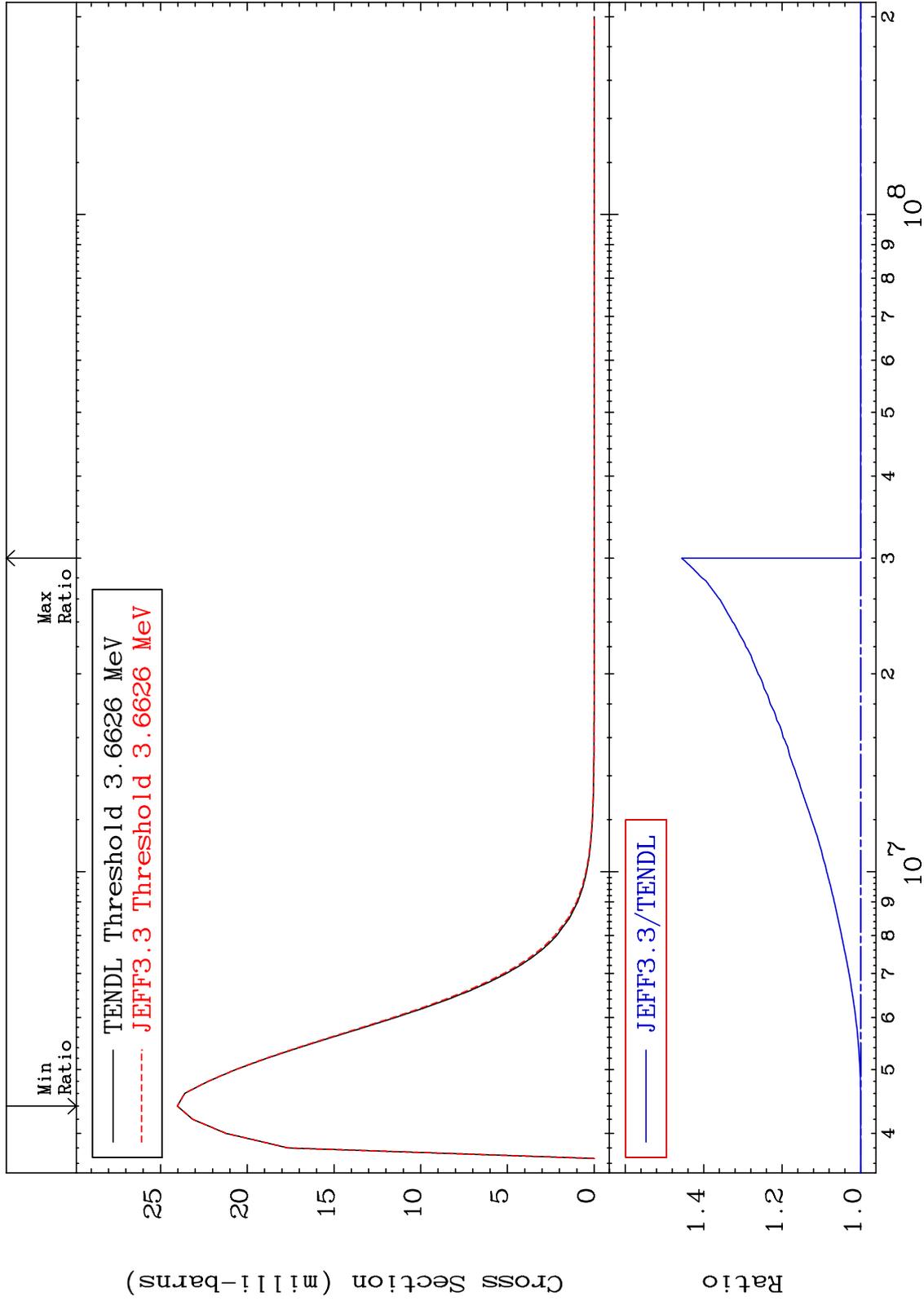
20-Ca-44
-0.036 To 9.670 %



MAT 2037

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

20-Ca-44
-0.017 To 45.59 %



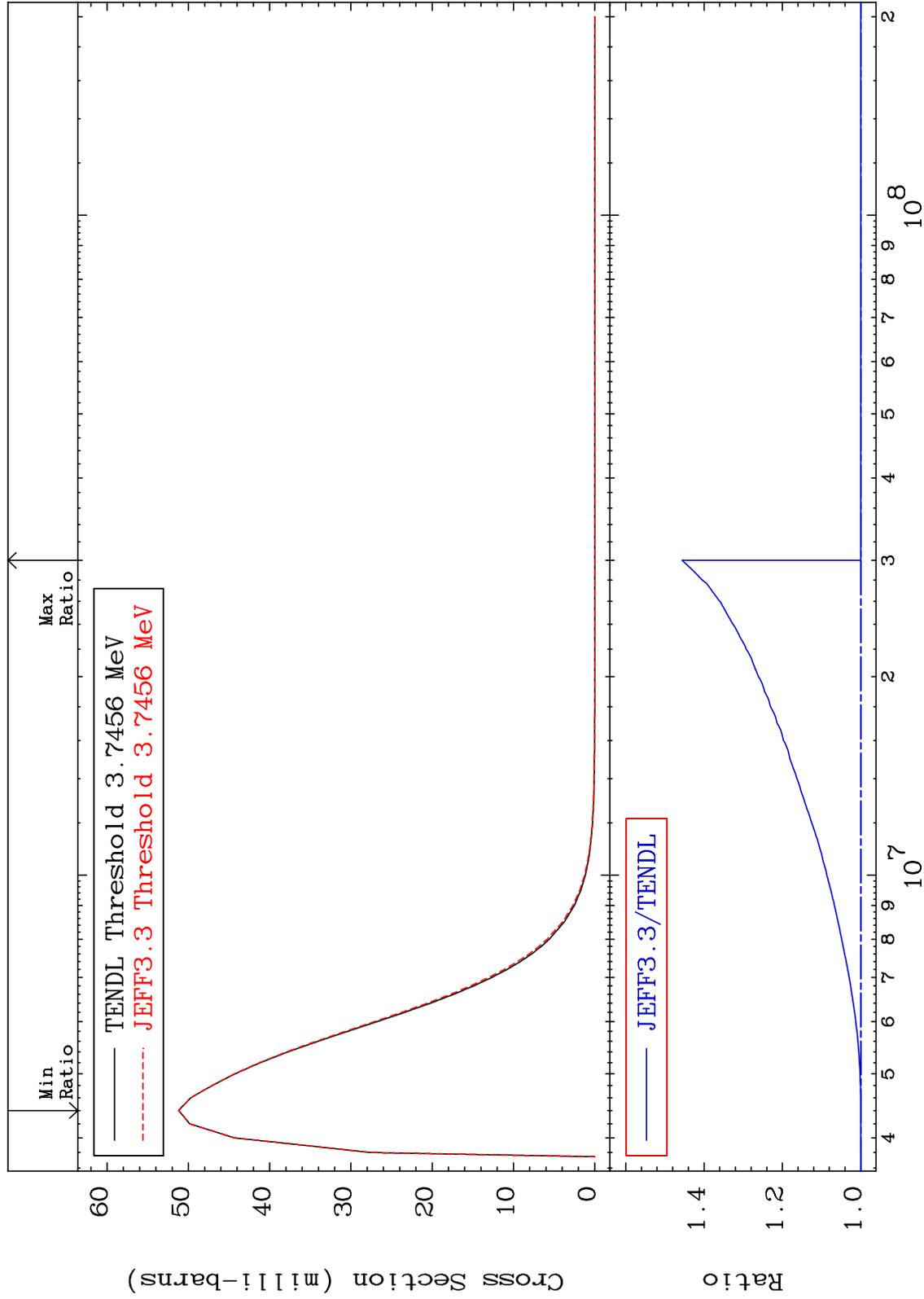
27

20-Ca-44

MAT 2037

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

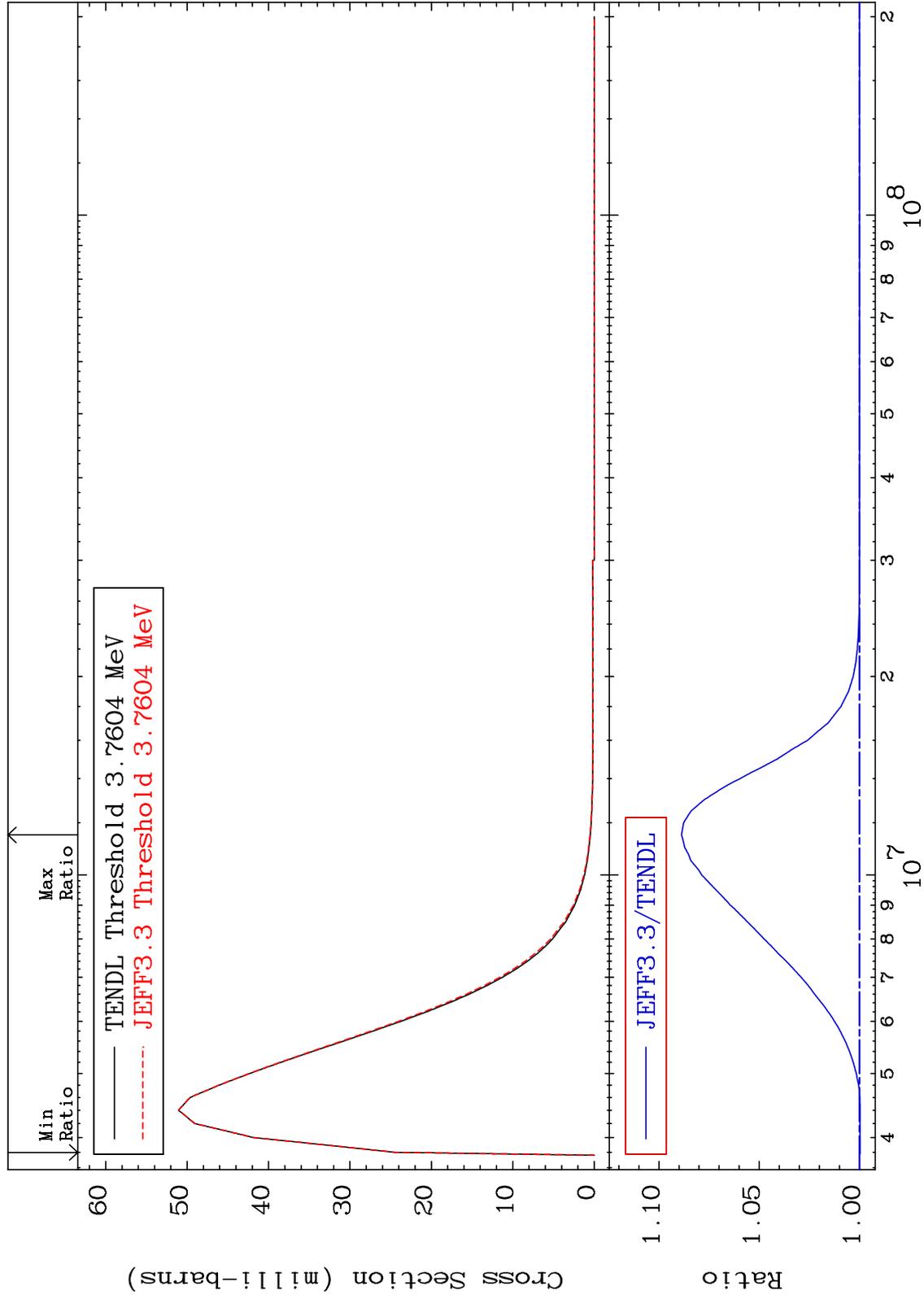
20-Ca-44
-0.018 To 45.59 %



MAT 2037

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

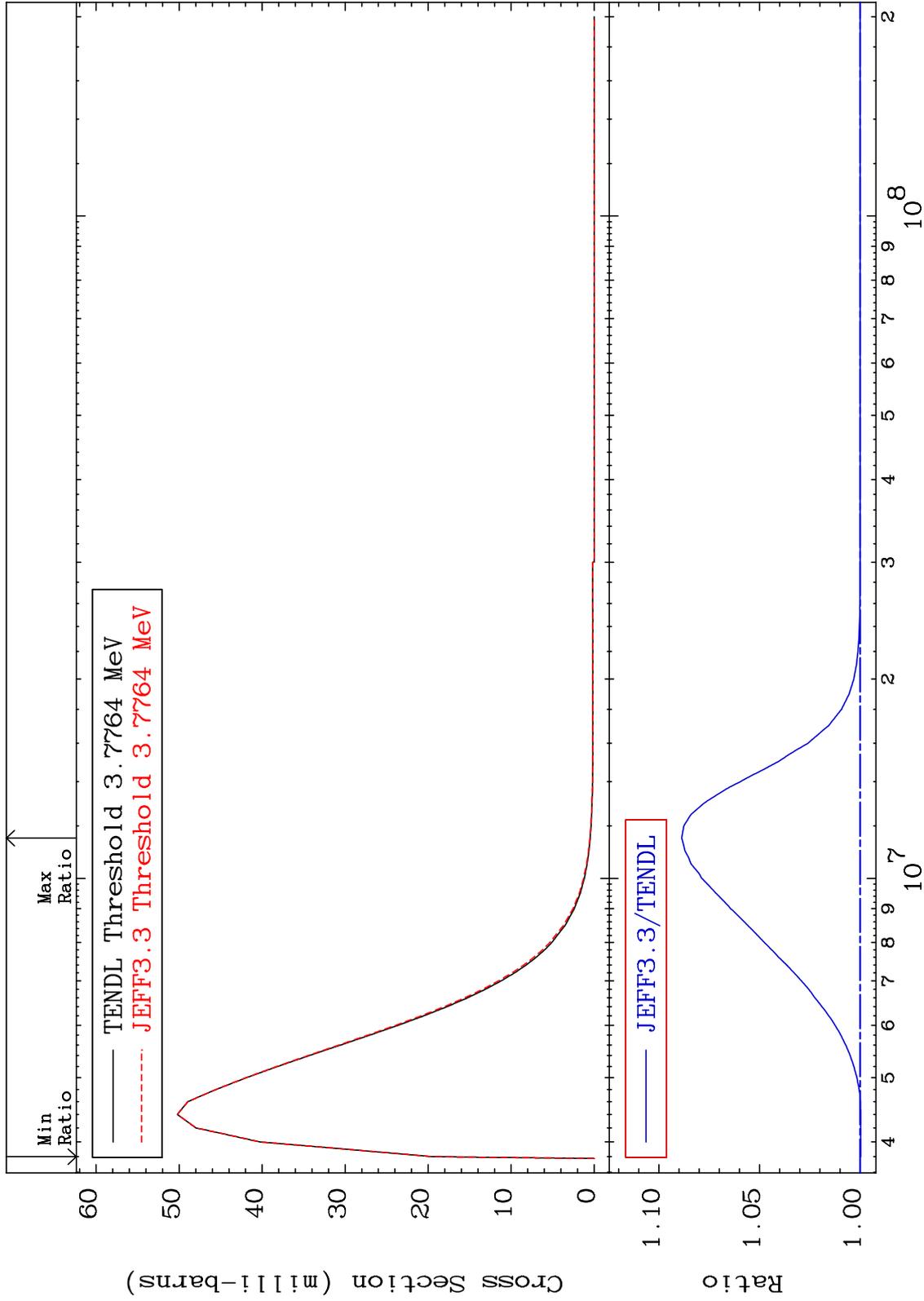
20-Ca-44
-0.025 To 8.872 %



MAT 2037

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

20-Ca-44
-0.026 To 8.867 %



30

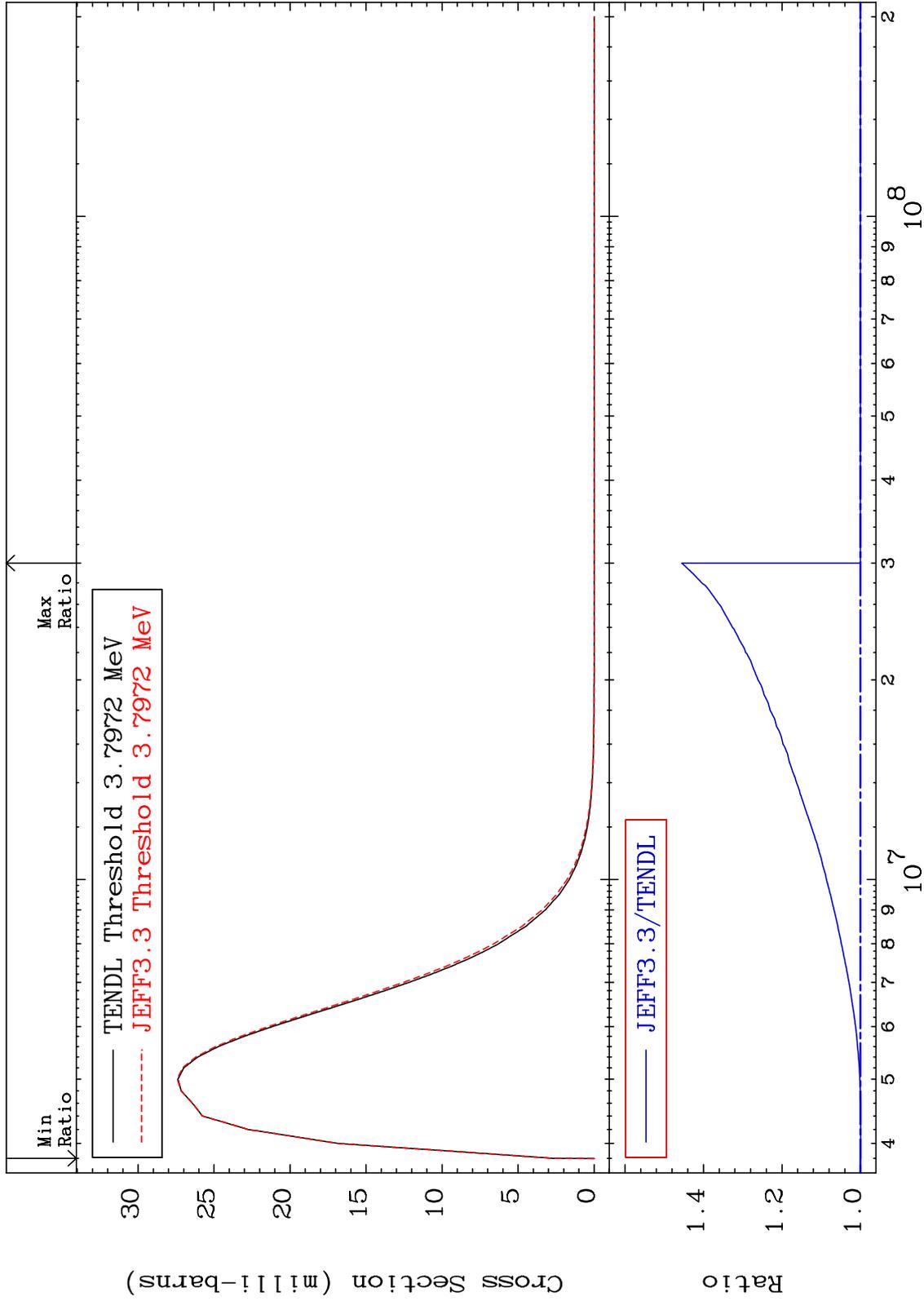
Incident Energy (eV)

20-Ca-44

MAT 2037

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

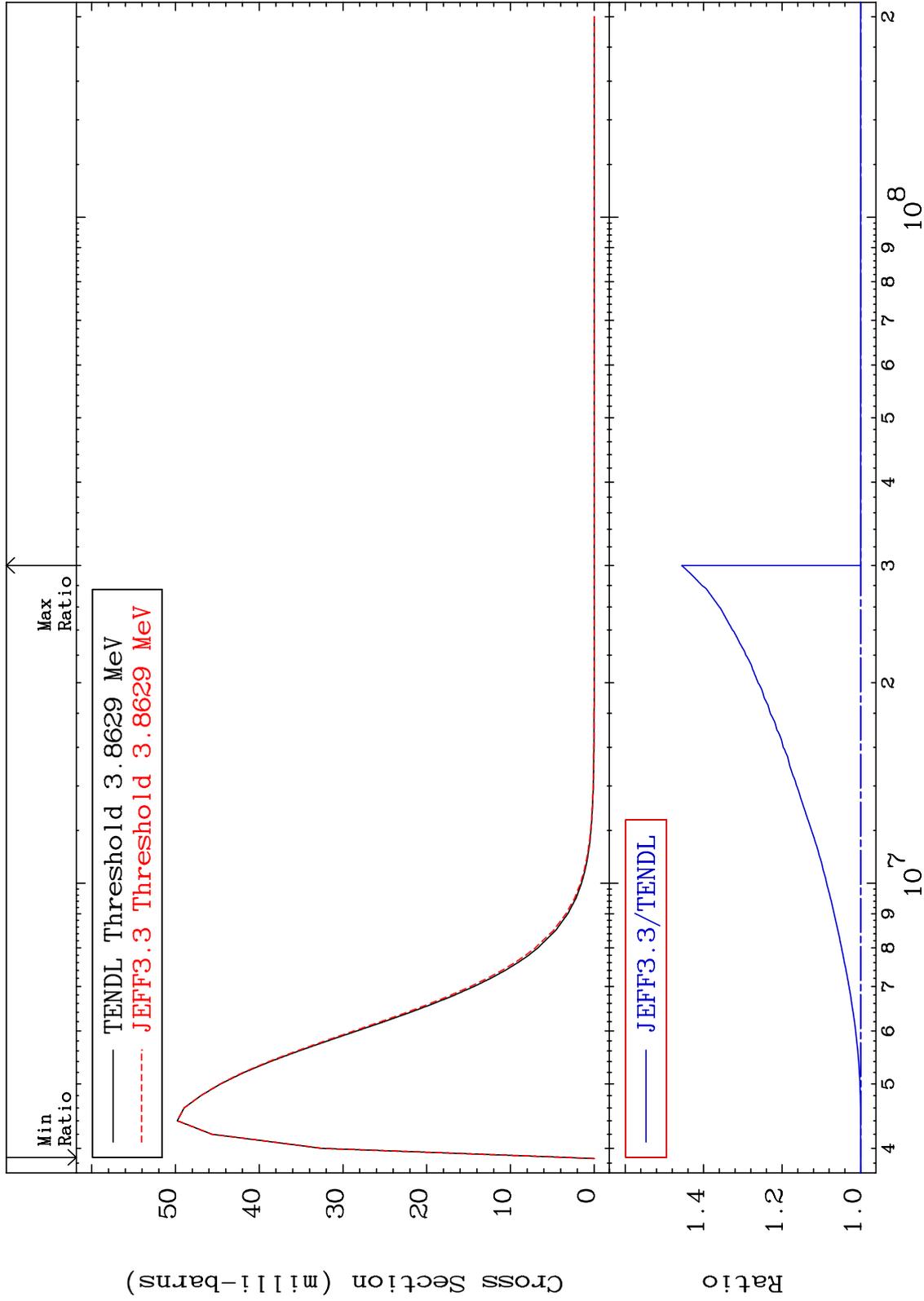
20-Ca-44
-0.052 To 45.54 %



MAT 2037

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

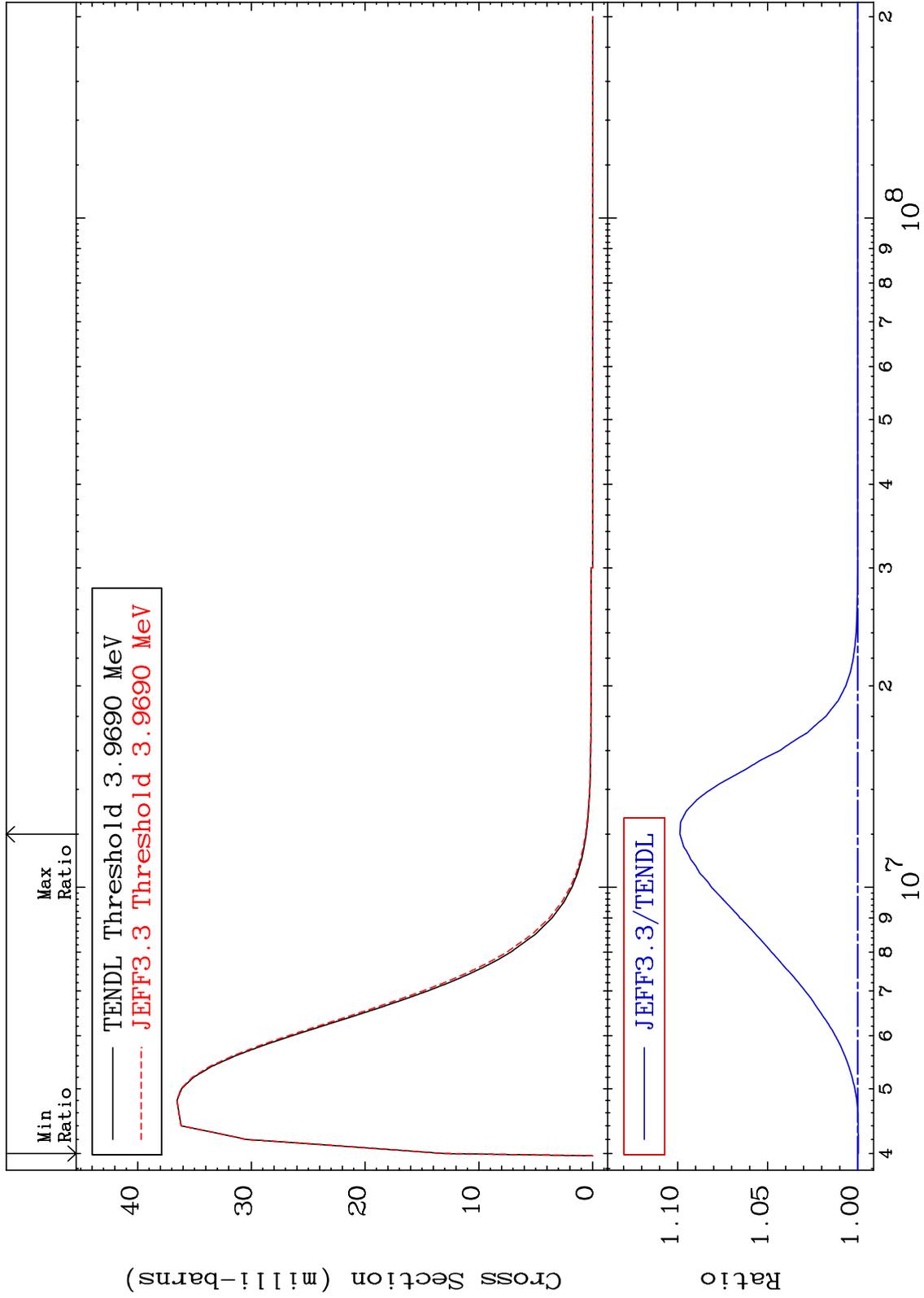
20-Ca-44
-0.026 To 45.58 %



MAT 2037

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

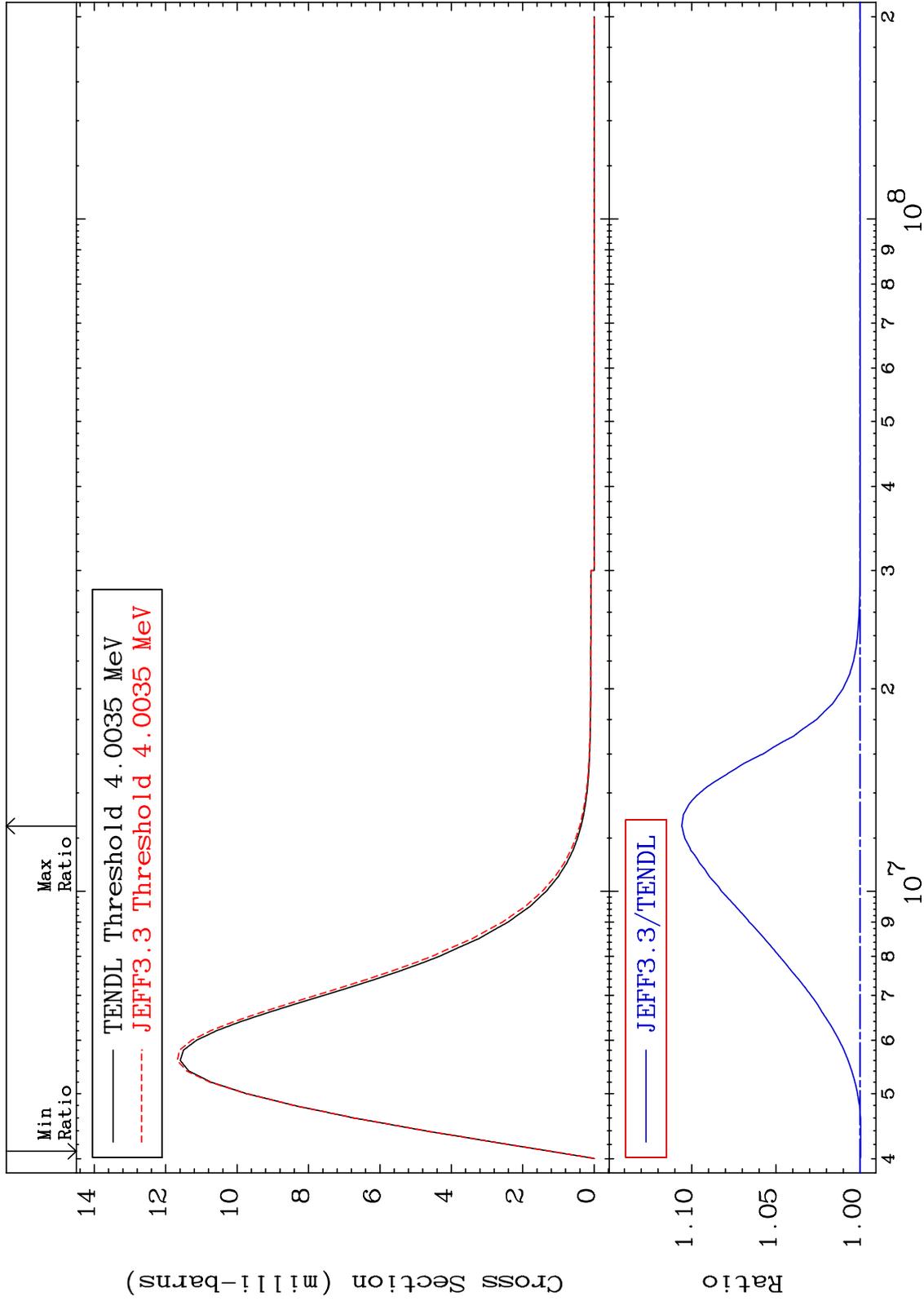
20-Ca-44
-0.038 To 9.870 %



MAT 2037

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

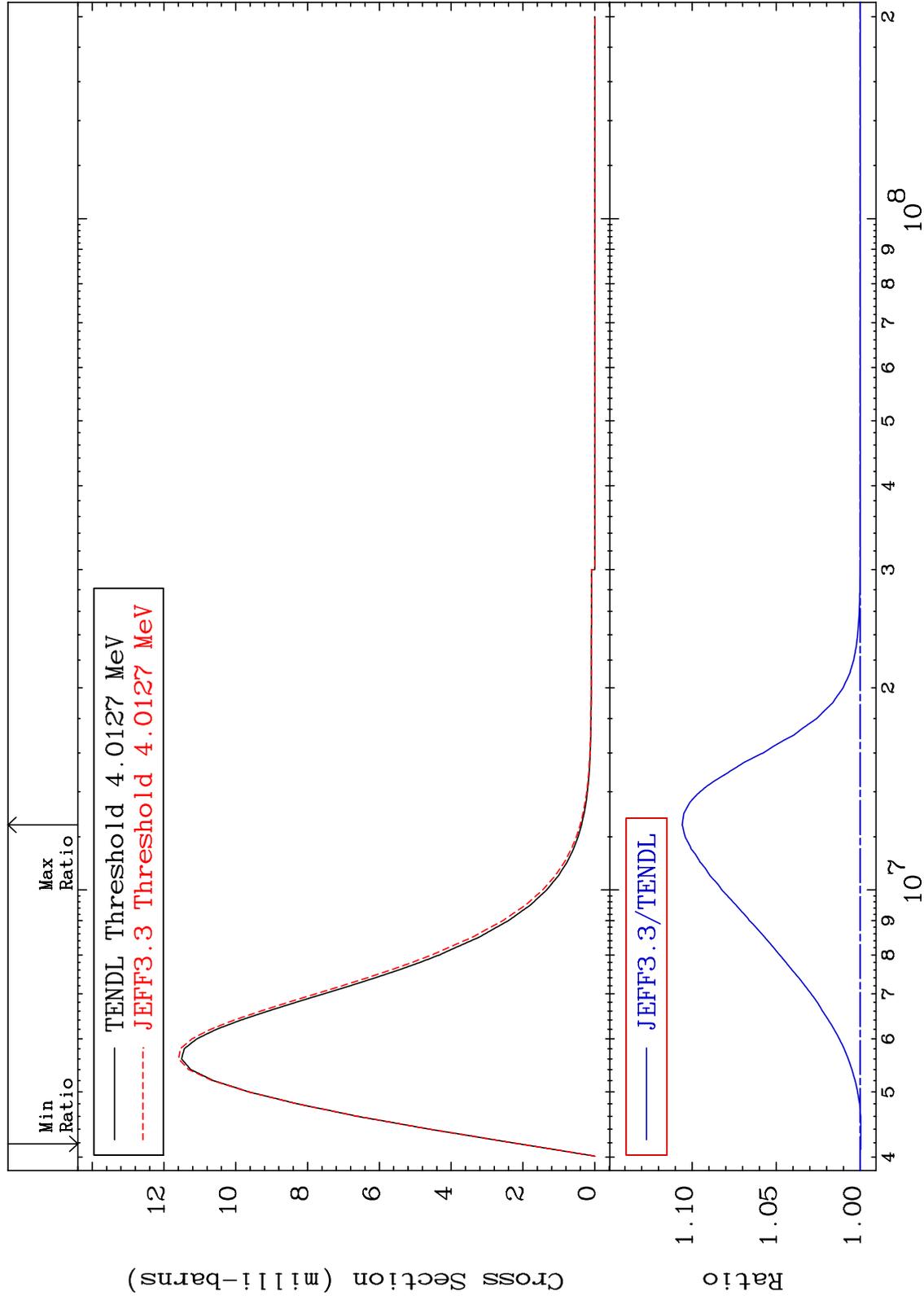
20-Ca-44
-0.032 To 10.60 %



MAT 2037

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

20-Ca-44
-0.033 To 10.59 %



35

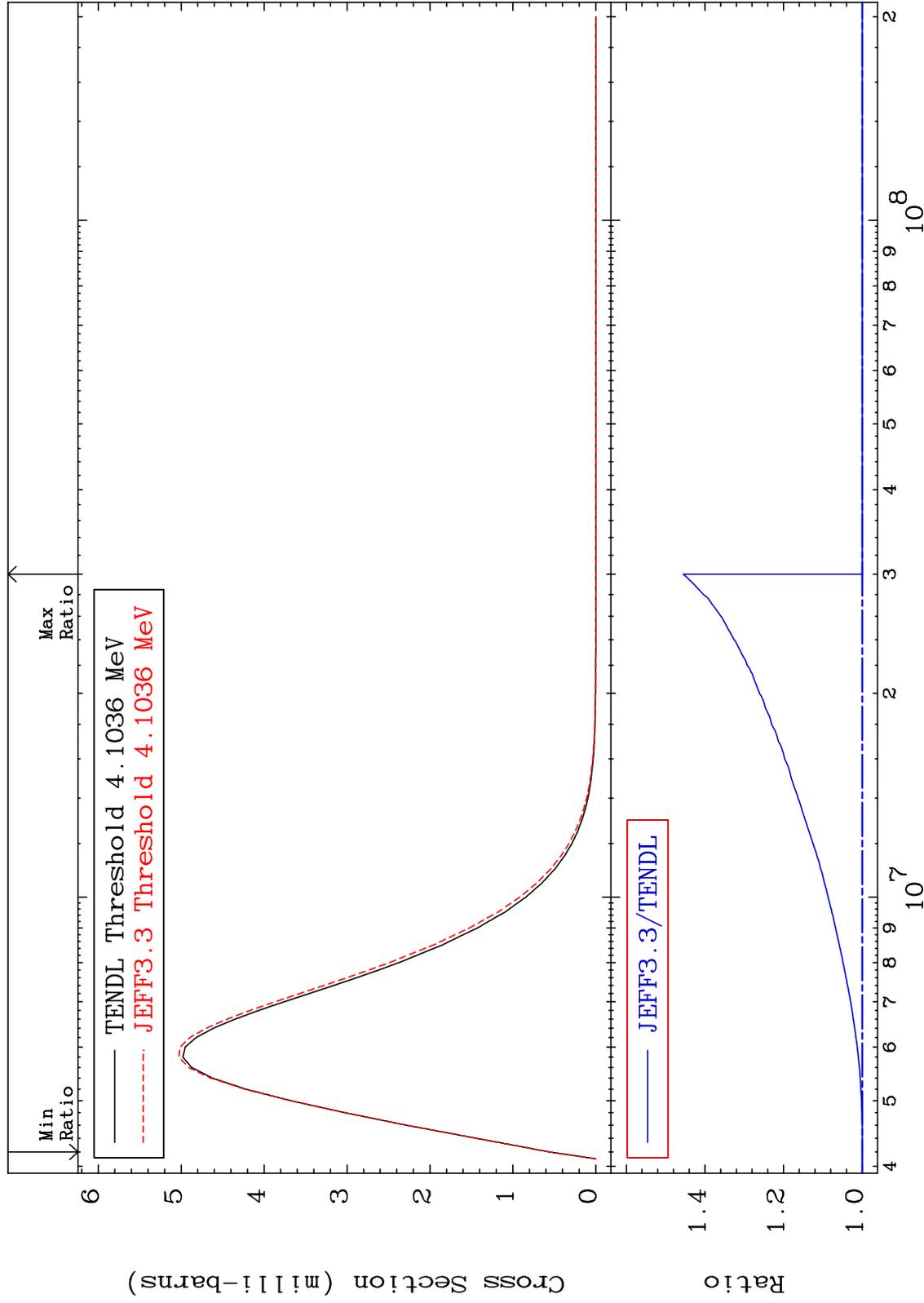
Incident Energy (eV)

20-Ca-44

MAT 2037

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

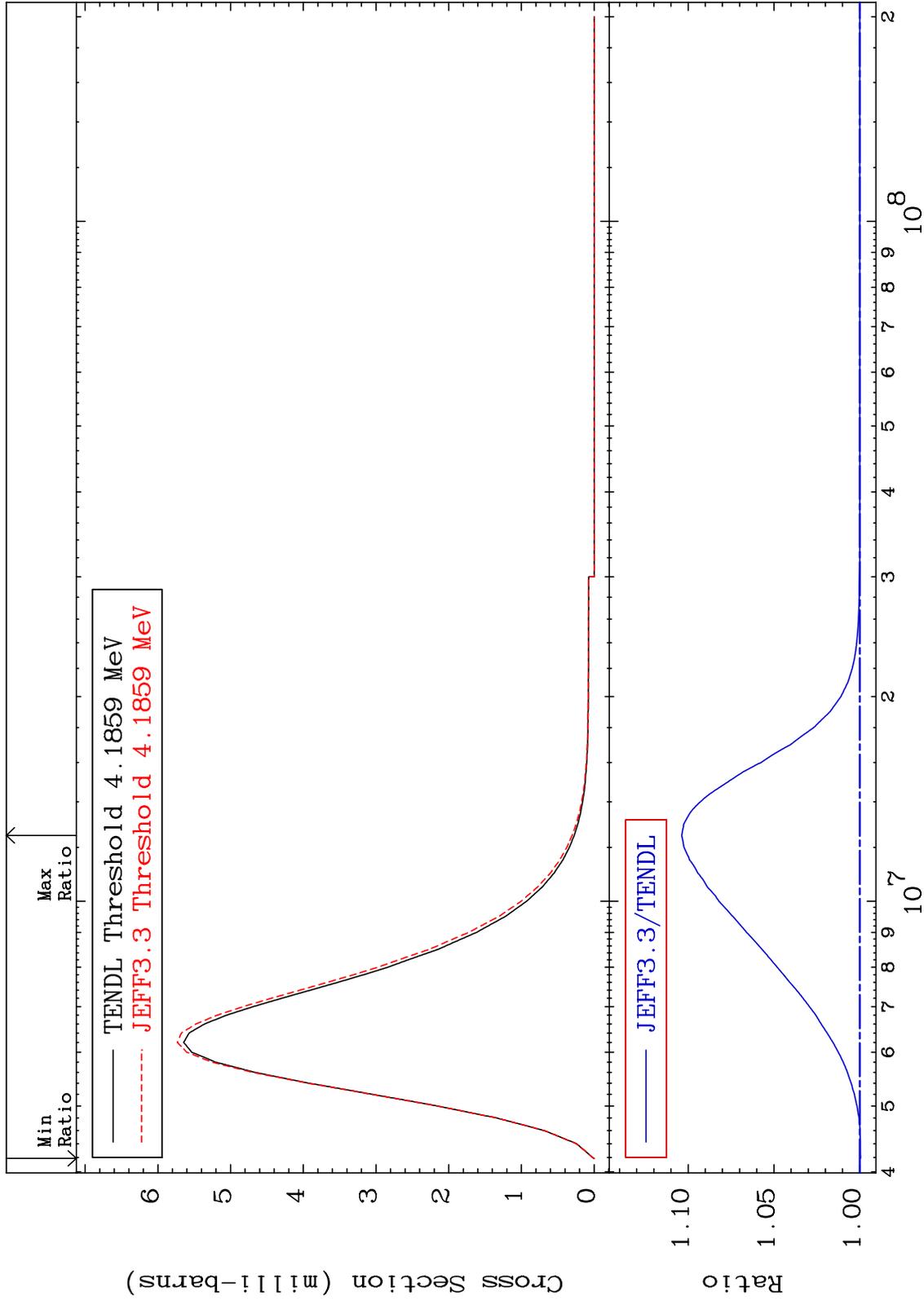
20-Ca-44
-0.039 To 45.49 %



MAT 2037

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

20-Ca-44
-0.057 To 10.37 %



37

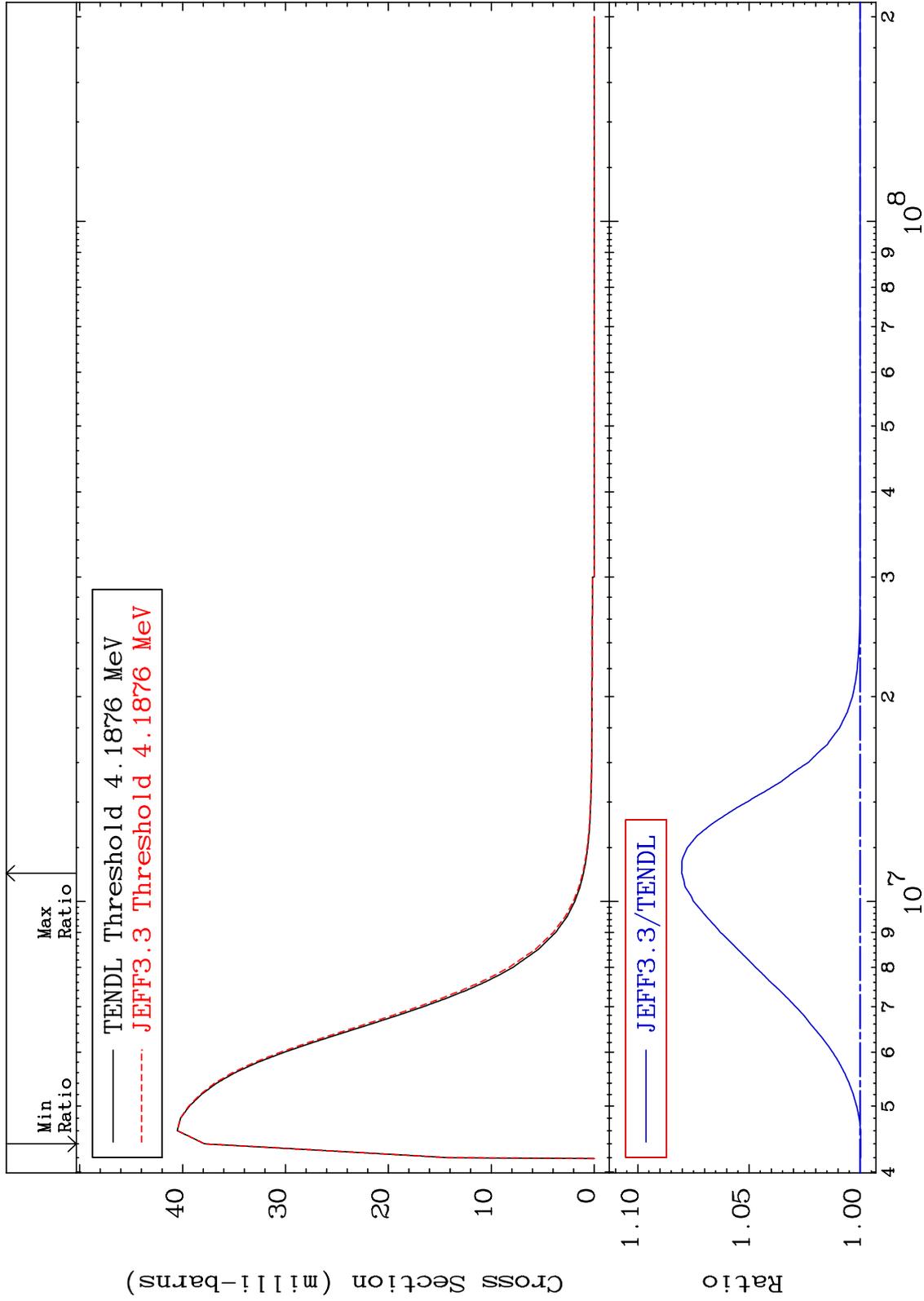
Incident Energy (eV)

20-Ca-44

MAT 2037

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

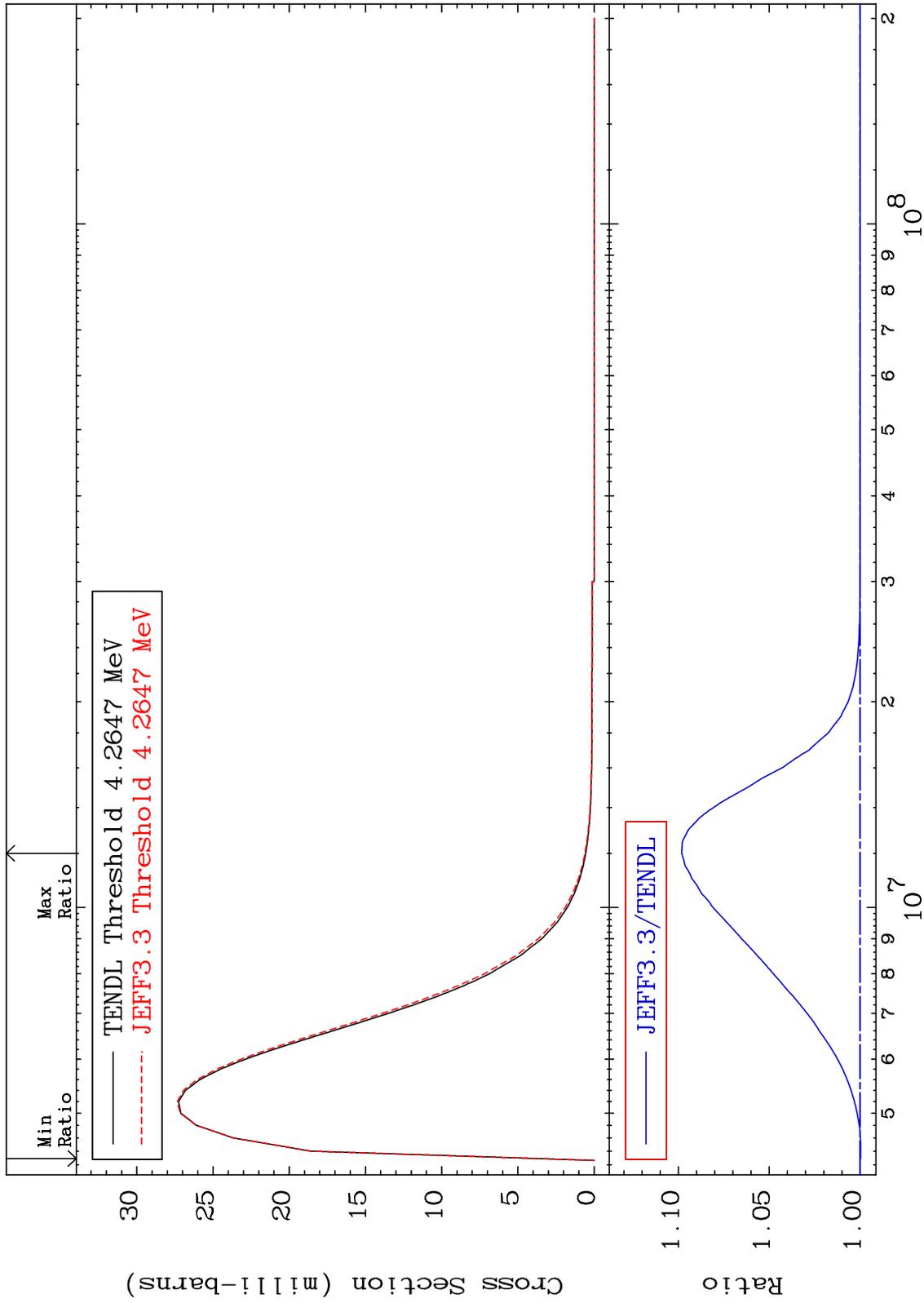
20-Ca-44
-0.018 To 8.026 %



MAT 2037

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

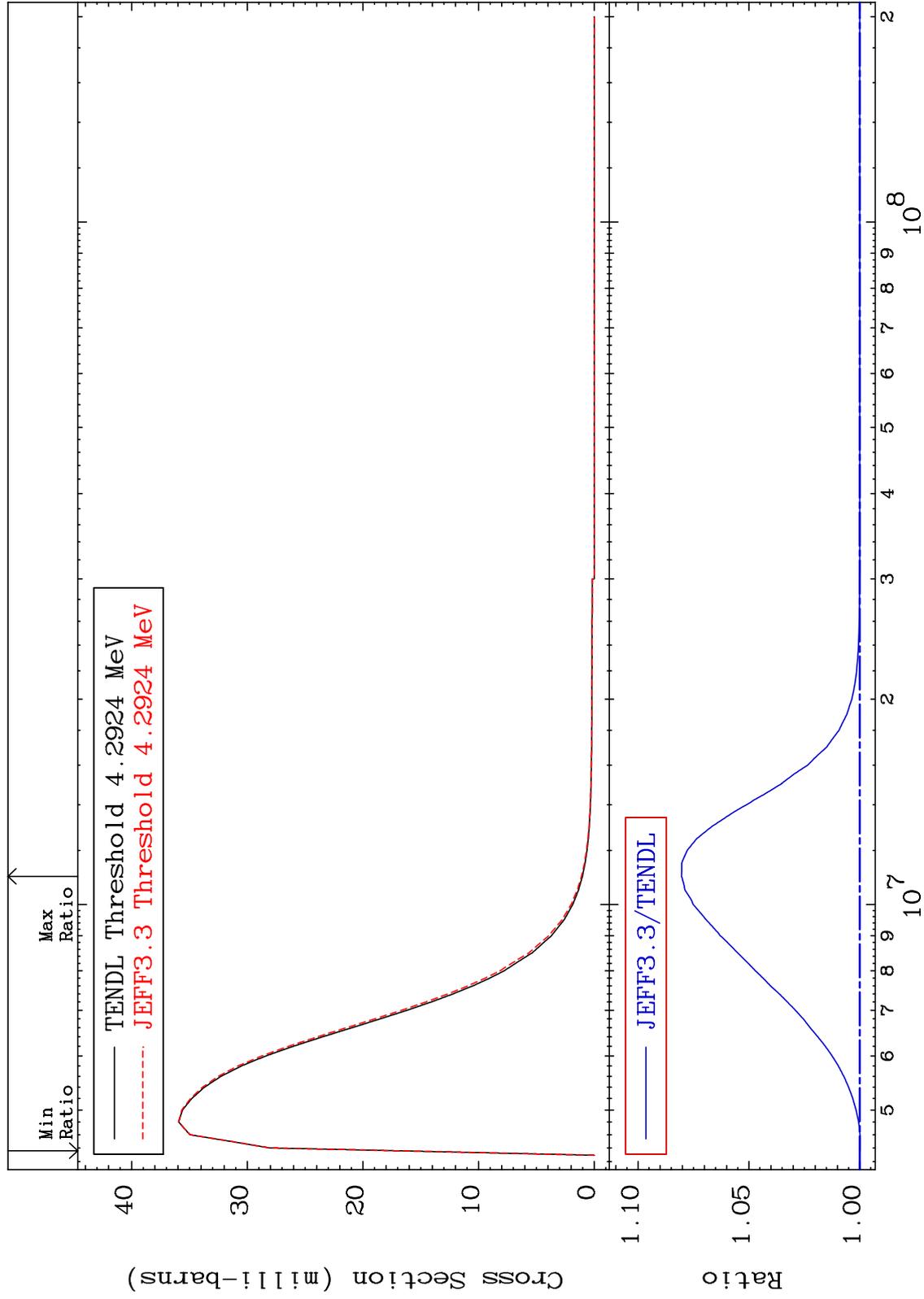
20-Ca-44
-0.031 To 9.817 %



MAT 2037

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

20-Ca-44
-0.016 To 8.034 %



40

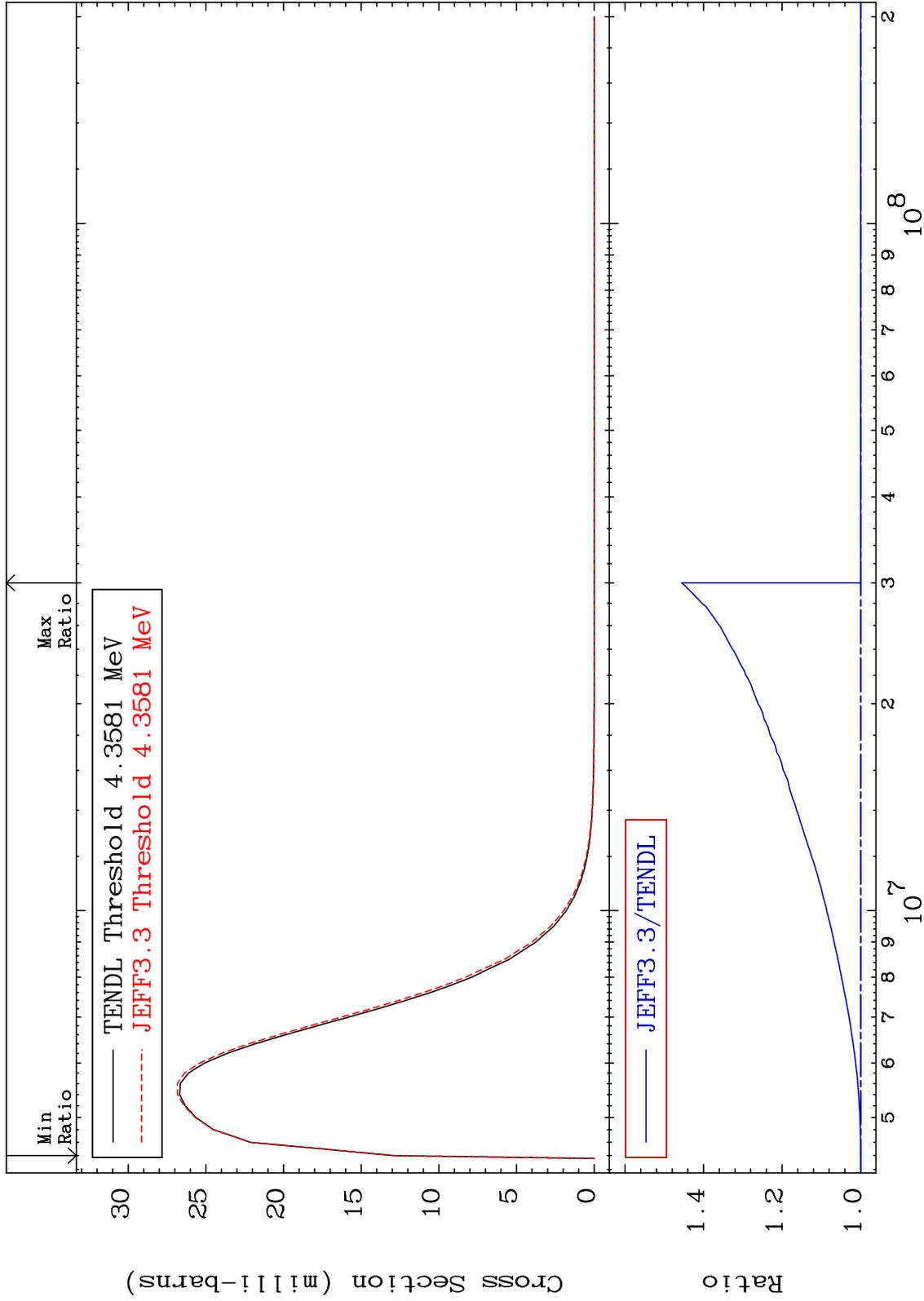
Incident Energy (eV)

20-Ca-44

MAT 2037

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

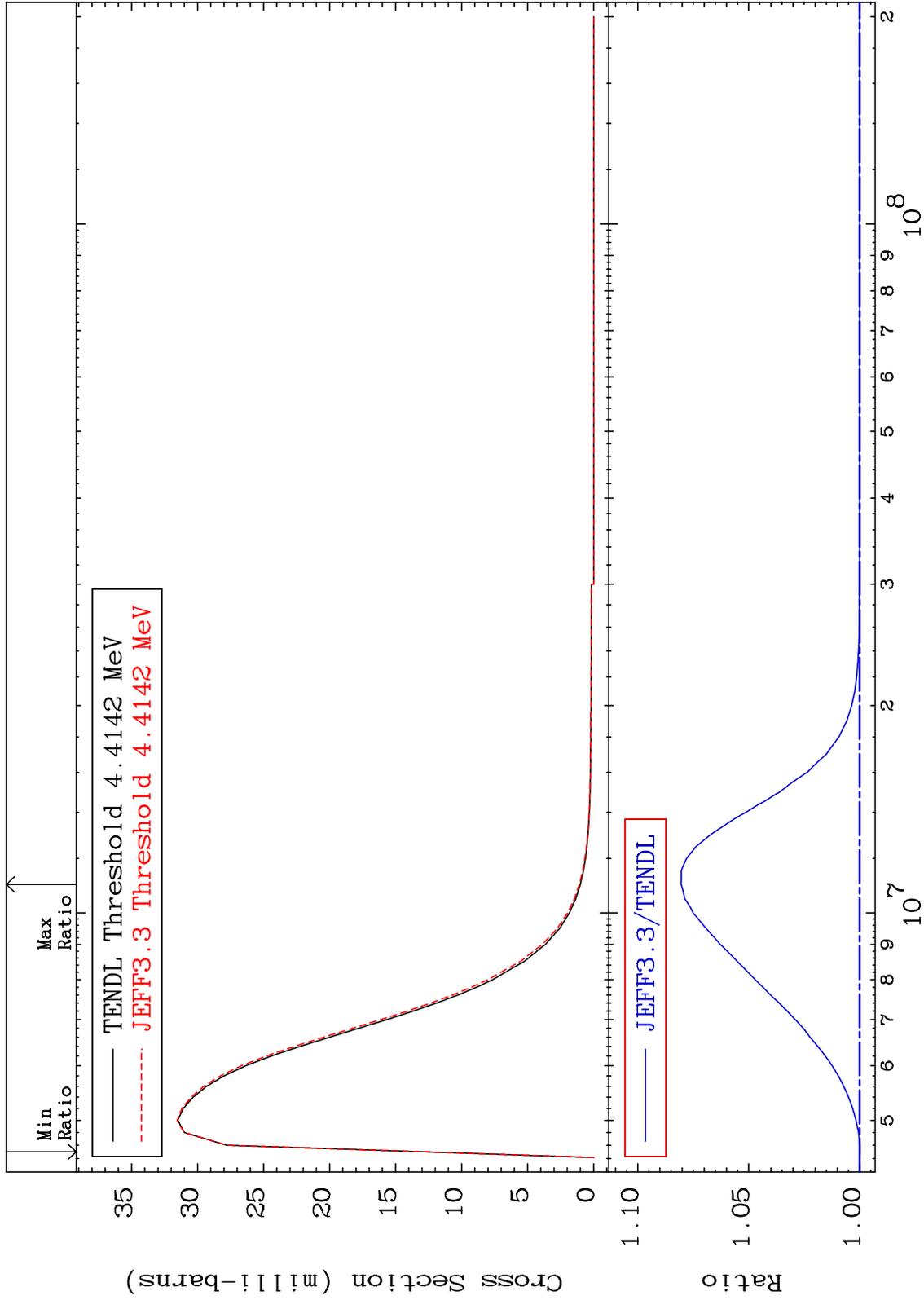
20-Ca-44
-0.018 To 45.56 %



MAT 2037

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

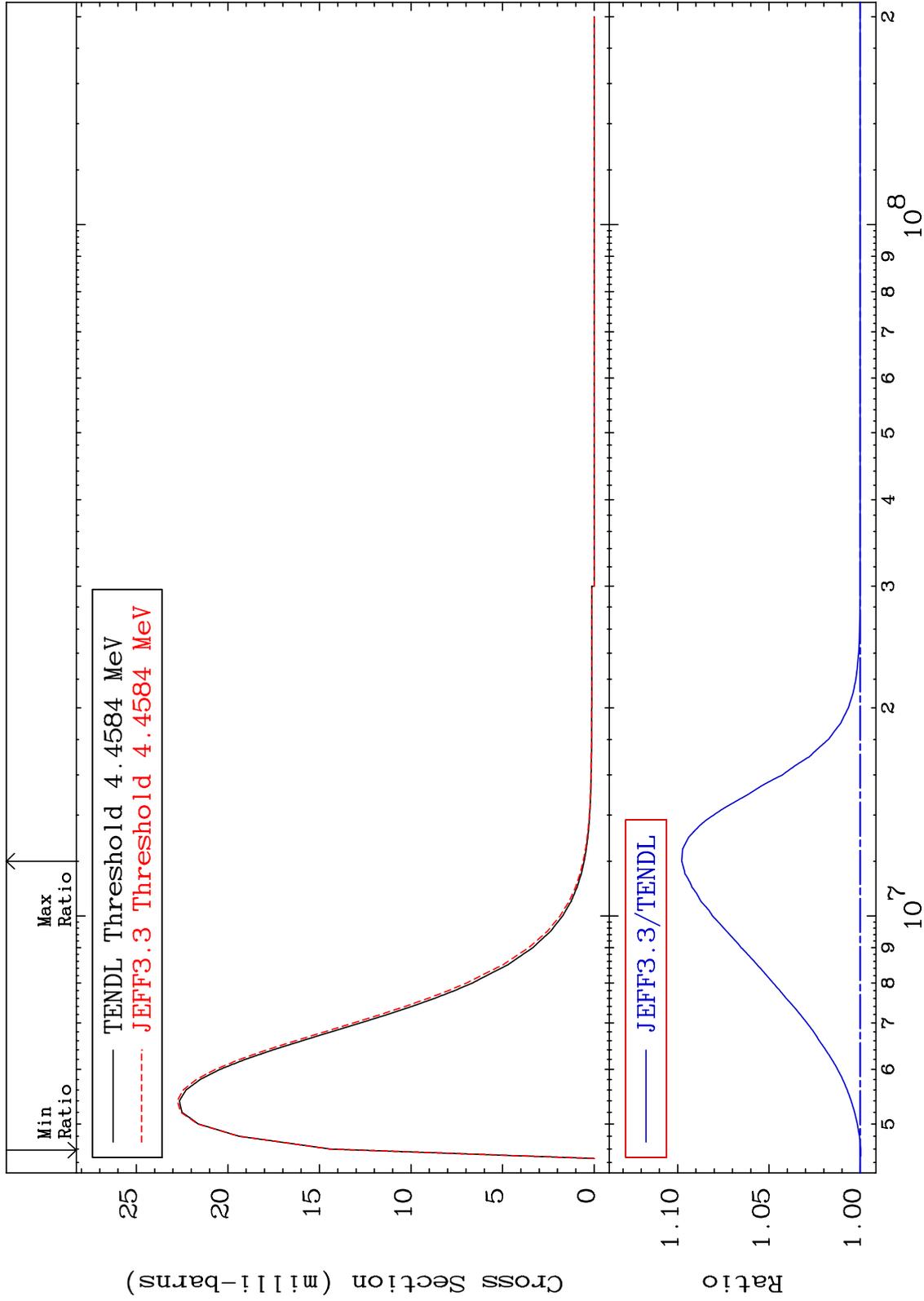
20-Ca-44
-0.012 To 8.045 %



MAT 2037

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

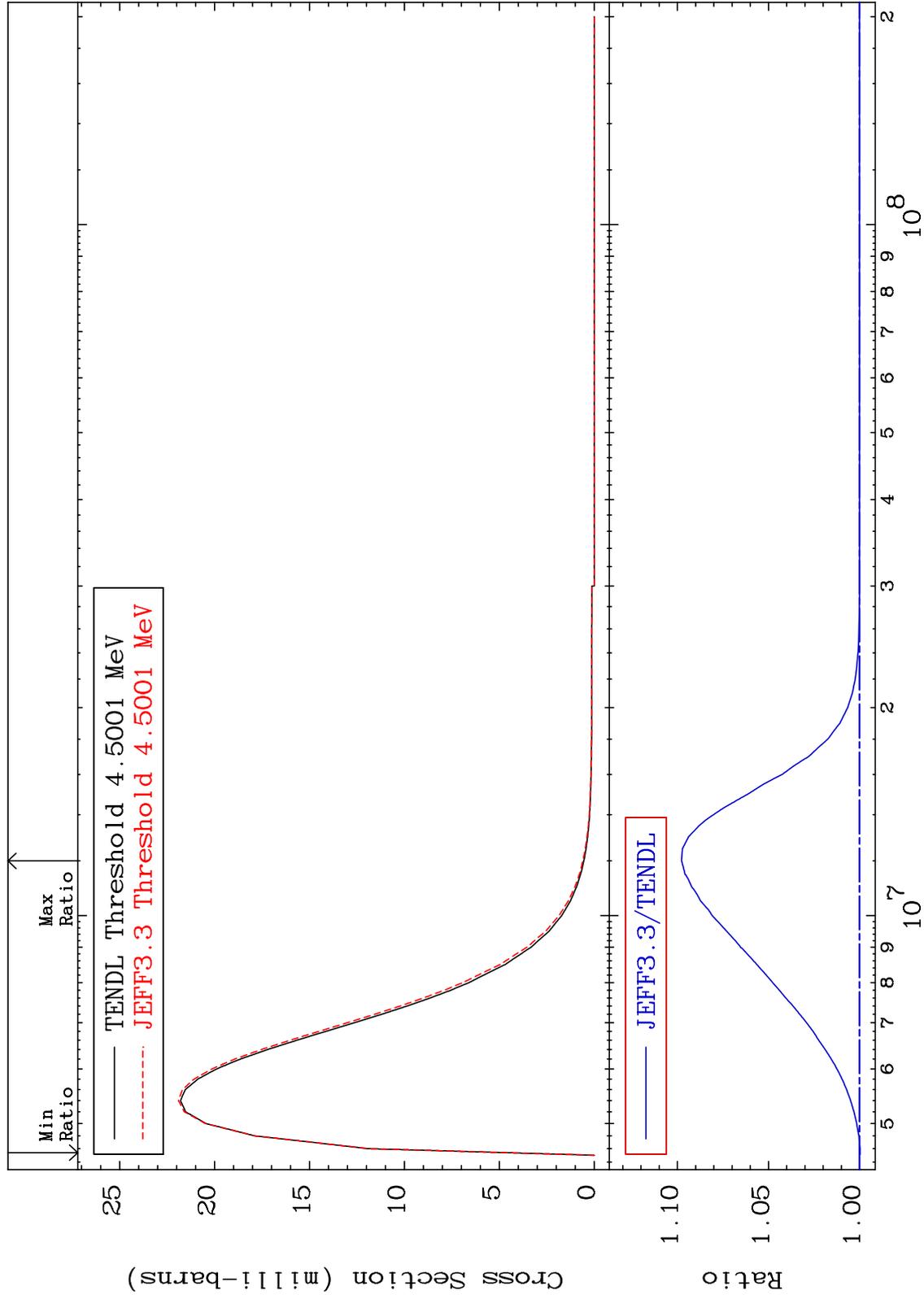
20-Ca-44
-0.022 To 9.780 %



MAT 2037

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

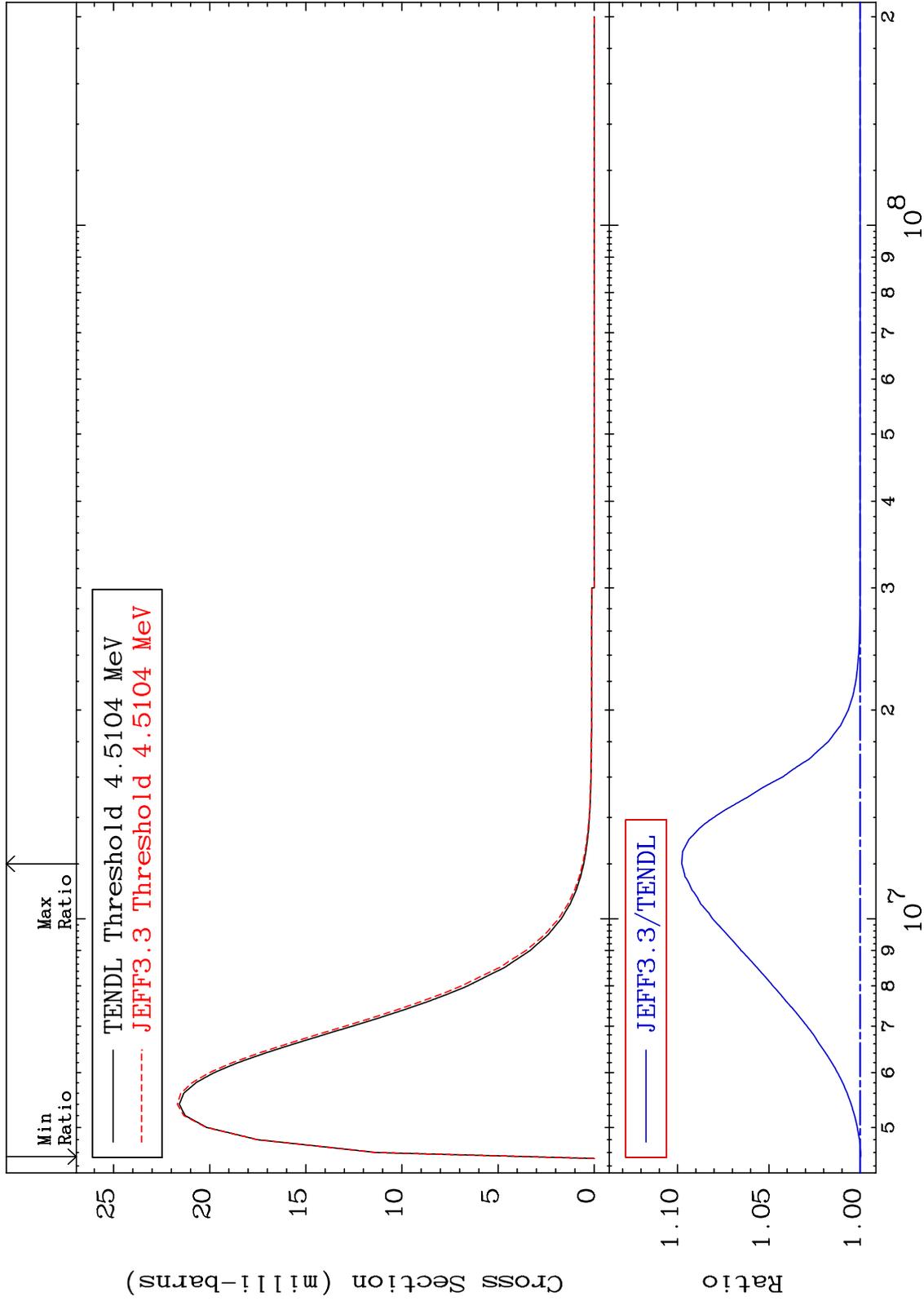
20-Ca-44
-0.023 To 9.771 %



MAT 2037

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

20-Ca-44
-0.023 To 9.769 %



45

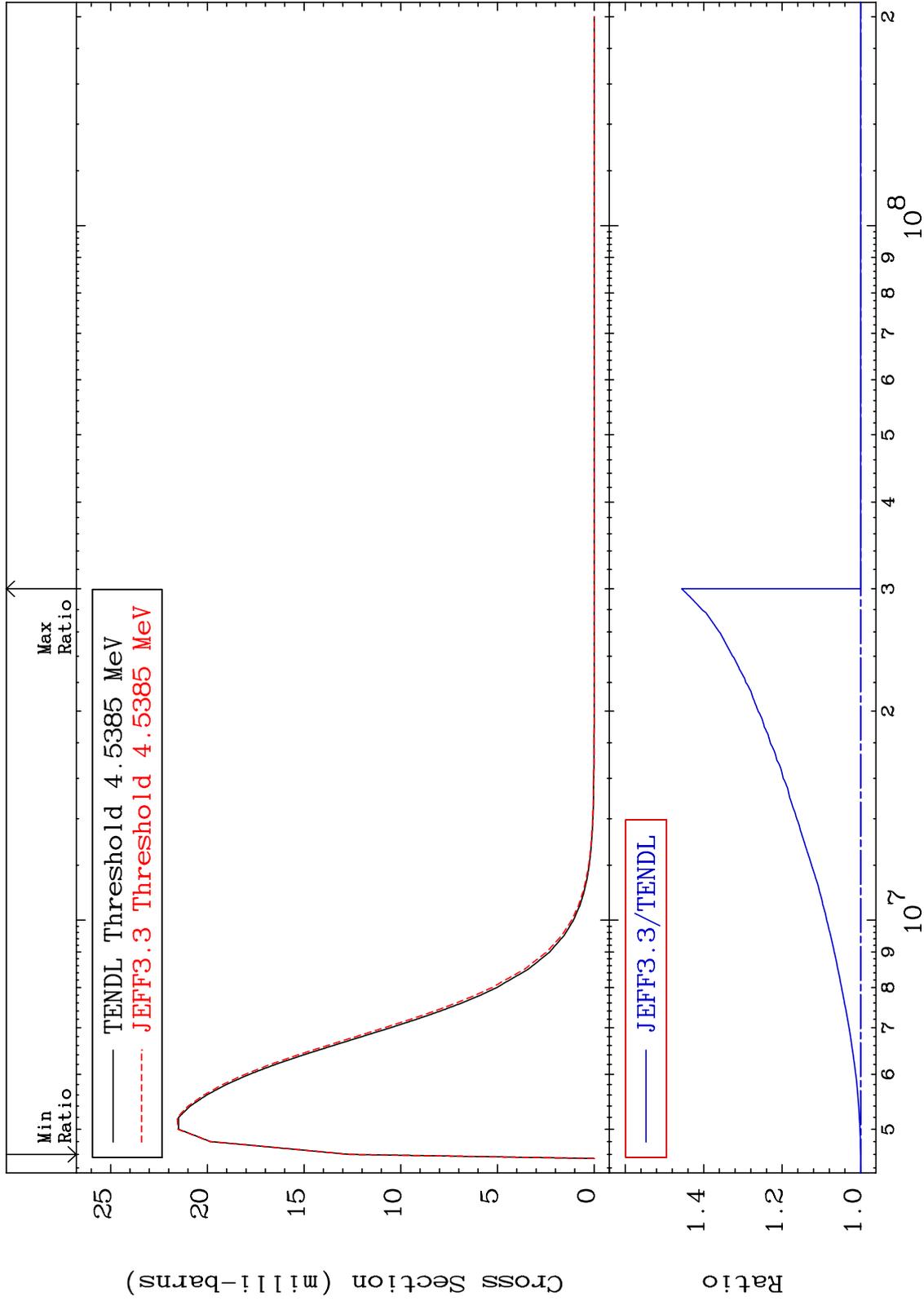
Incident Energy (eV)

20-Ca-44

MAT 2037

MT= 79 (n,n') Level
Cross Section

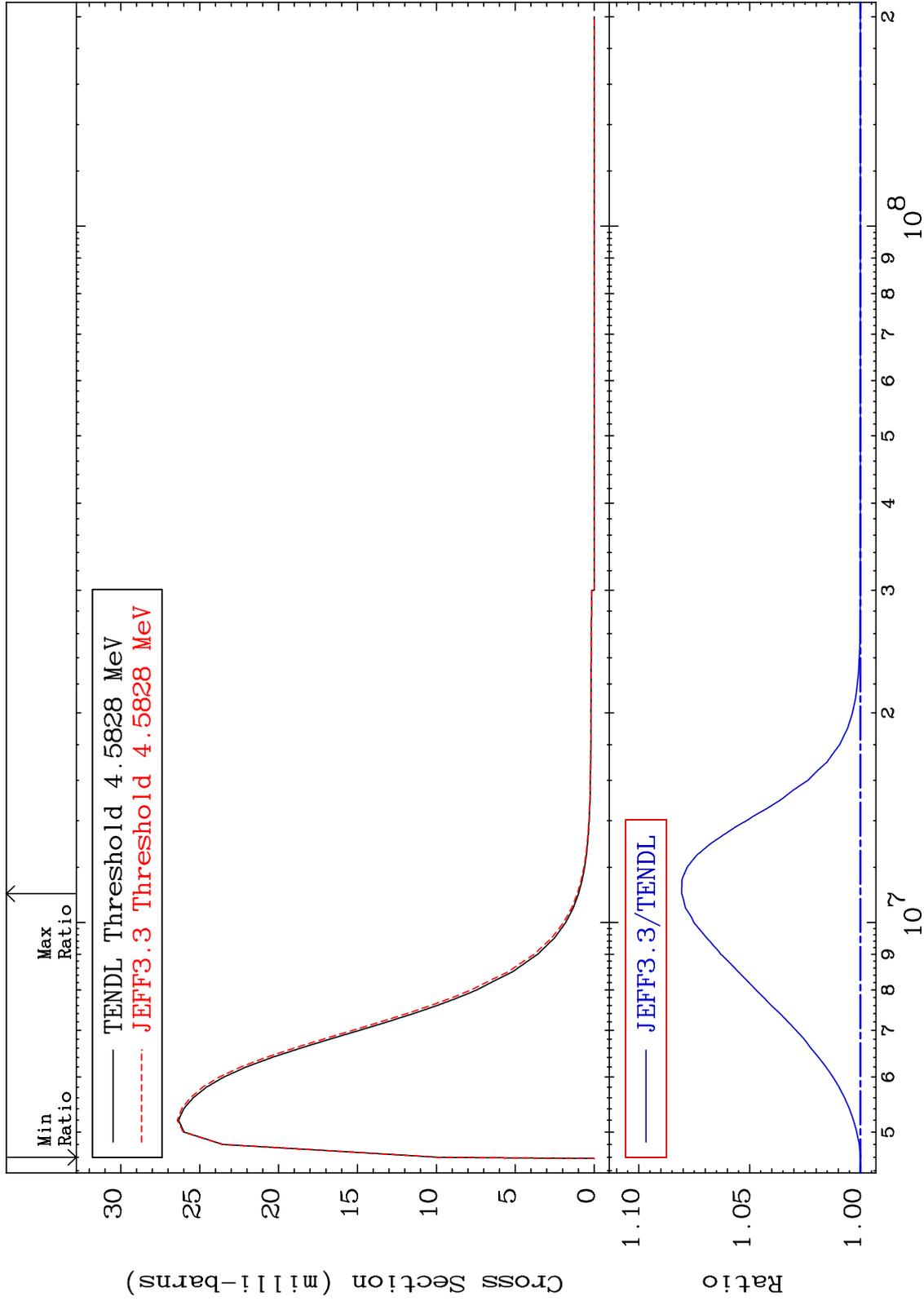
20-Ca-44
-0.010 To 45.60 %



MAT 2037

MT= 80 (n,n') Level
Cross Section

20-Ca-44
-0.010 To 8.063 %



47

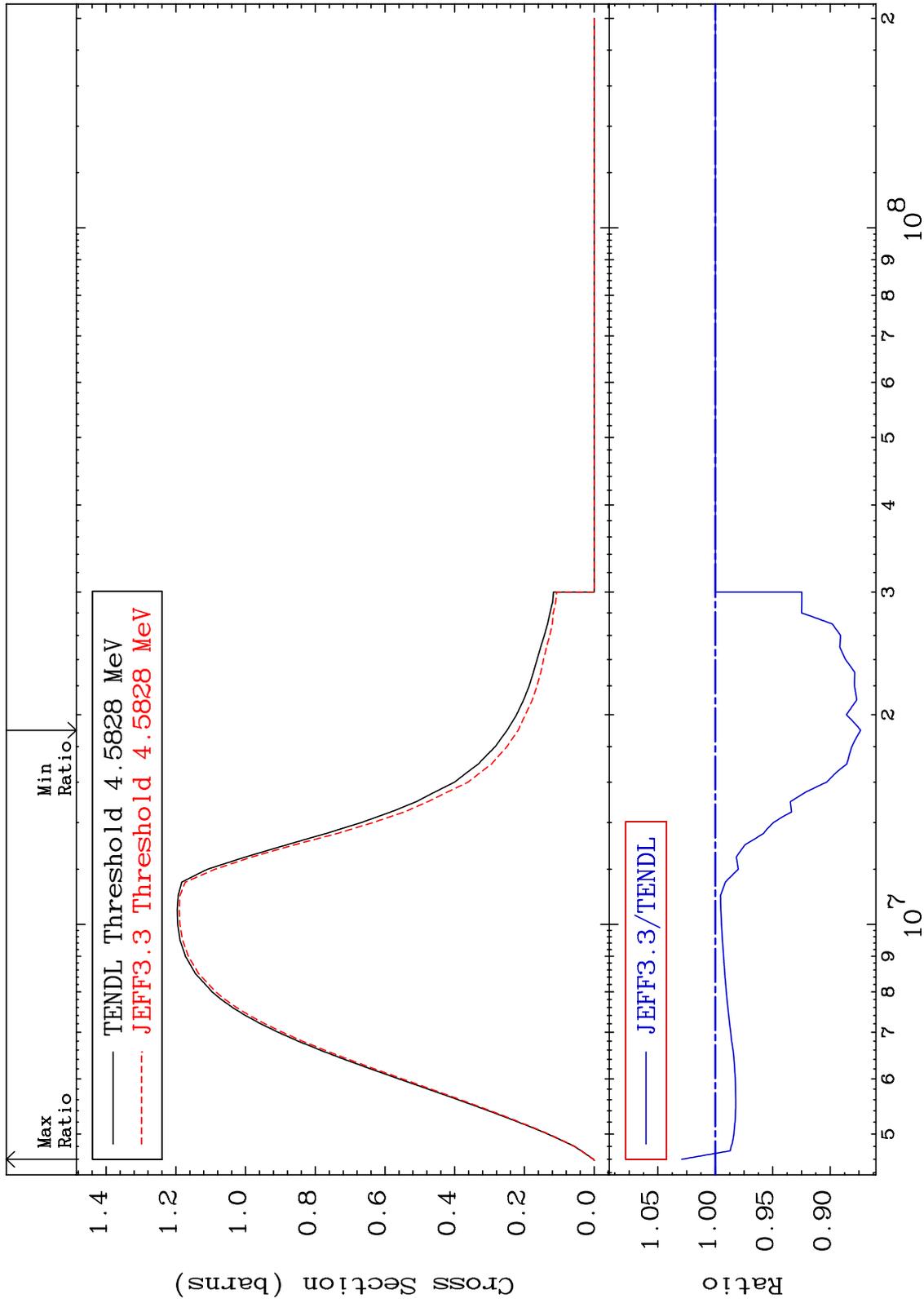
Incident Energy (eV)

20-Ca-44

MAT 2037

(n,n') Continuum
Cross Section

20-Ca-44
-12.65 To 2.925 %

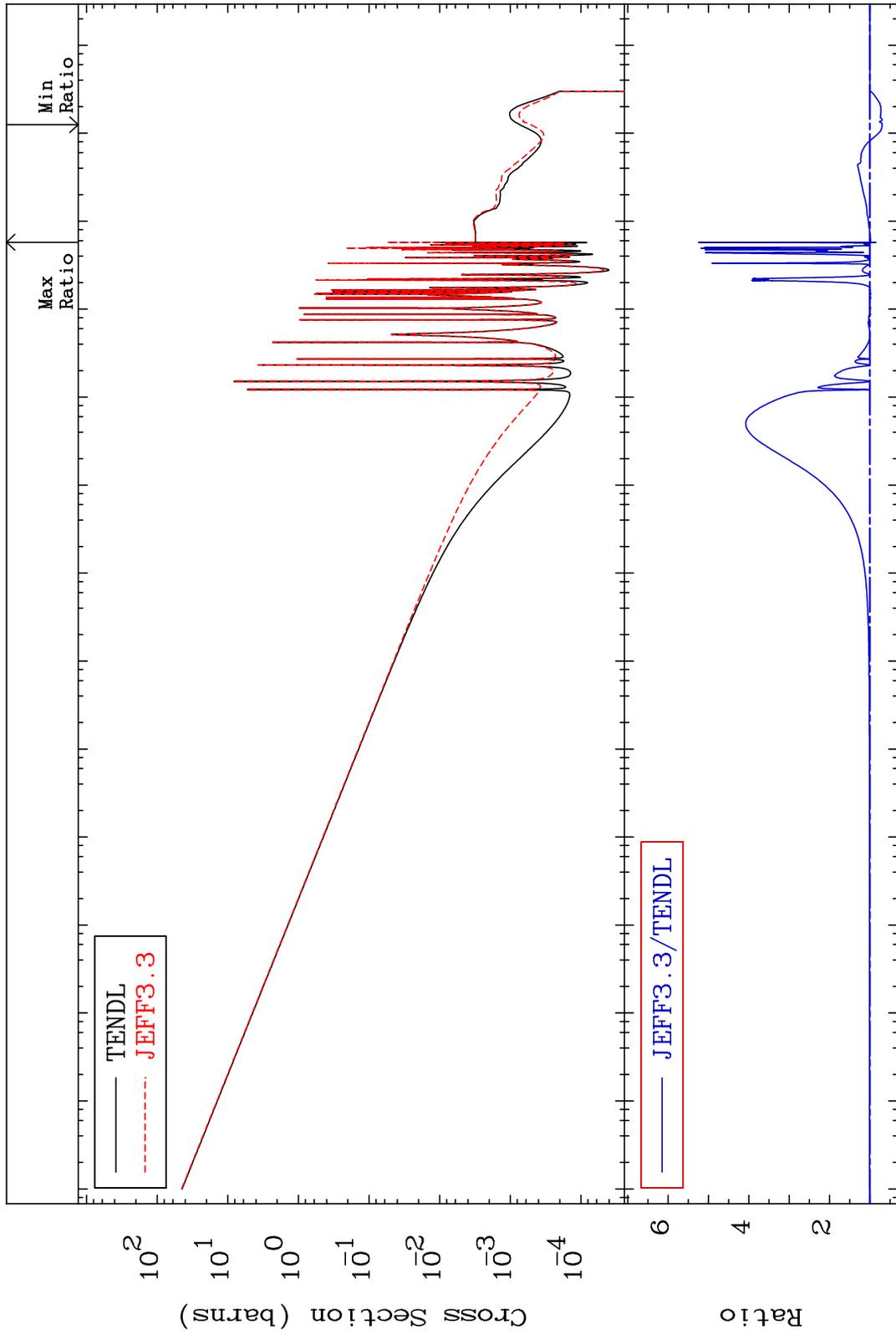


MAT 2037

(n, γ)
Cross Section

20-Ca-44

-30.08 To 424.3 %



49

Incident Energy (eV)

20-Ca-44

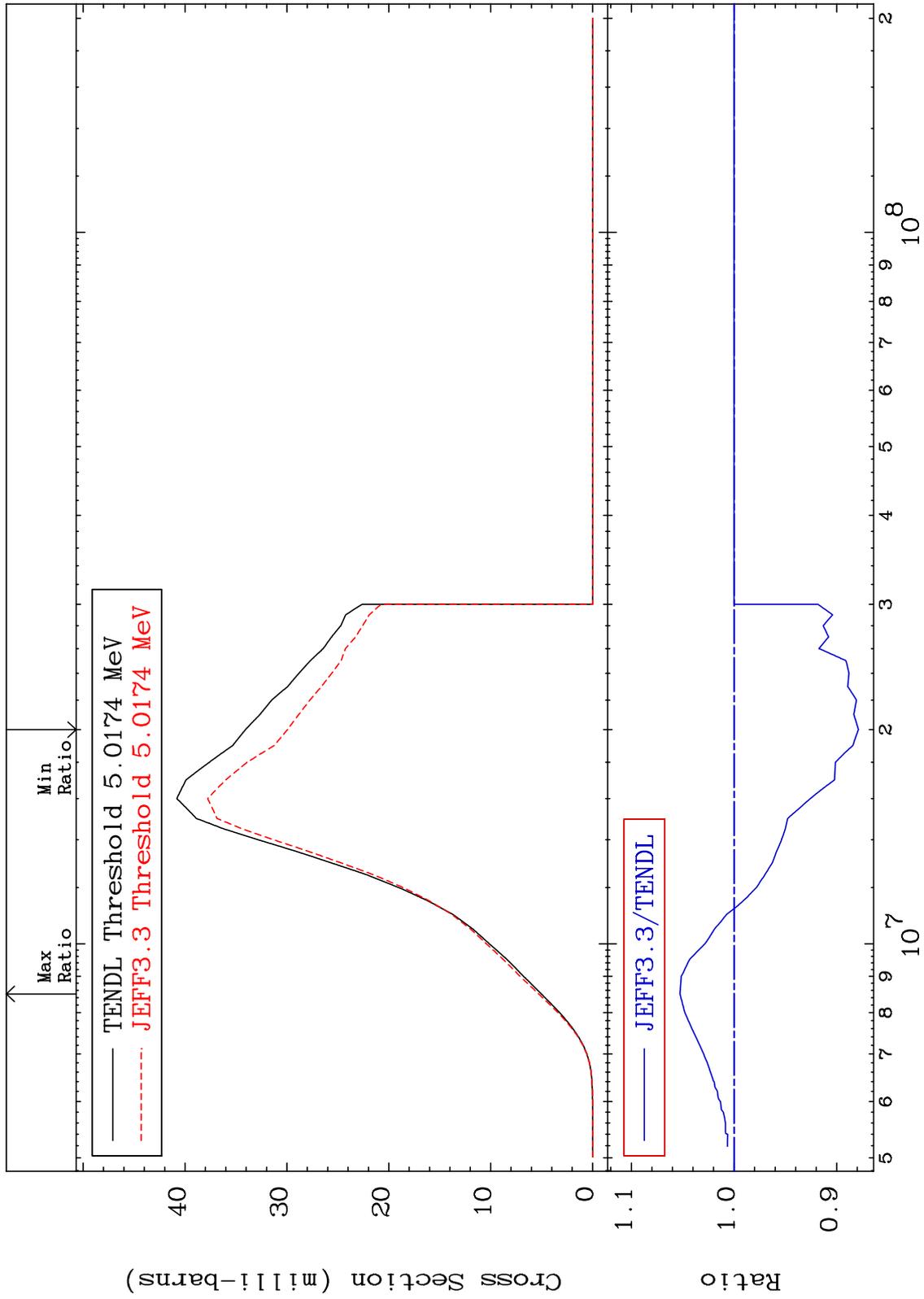
MAT 2037

(n,p)

20-Ca-44

Cross Section

-12.10 To 5.268 %



50

Incident Energy (eV)

20-Ca-44

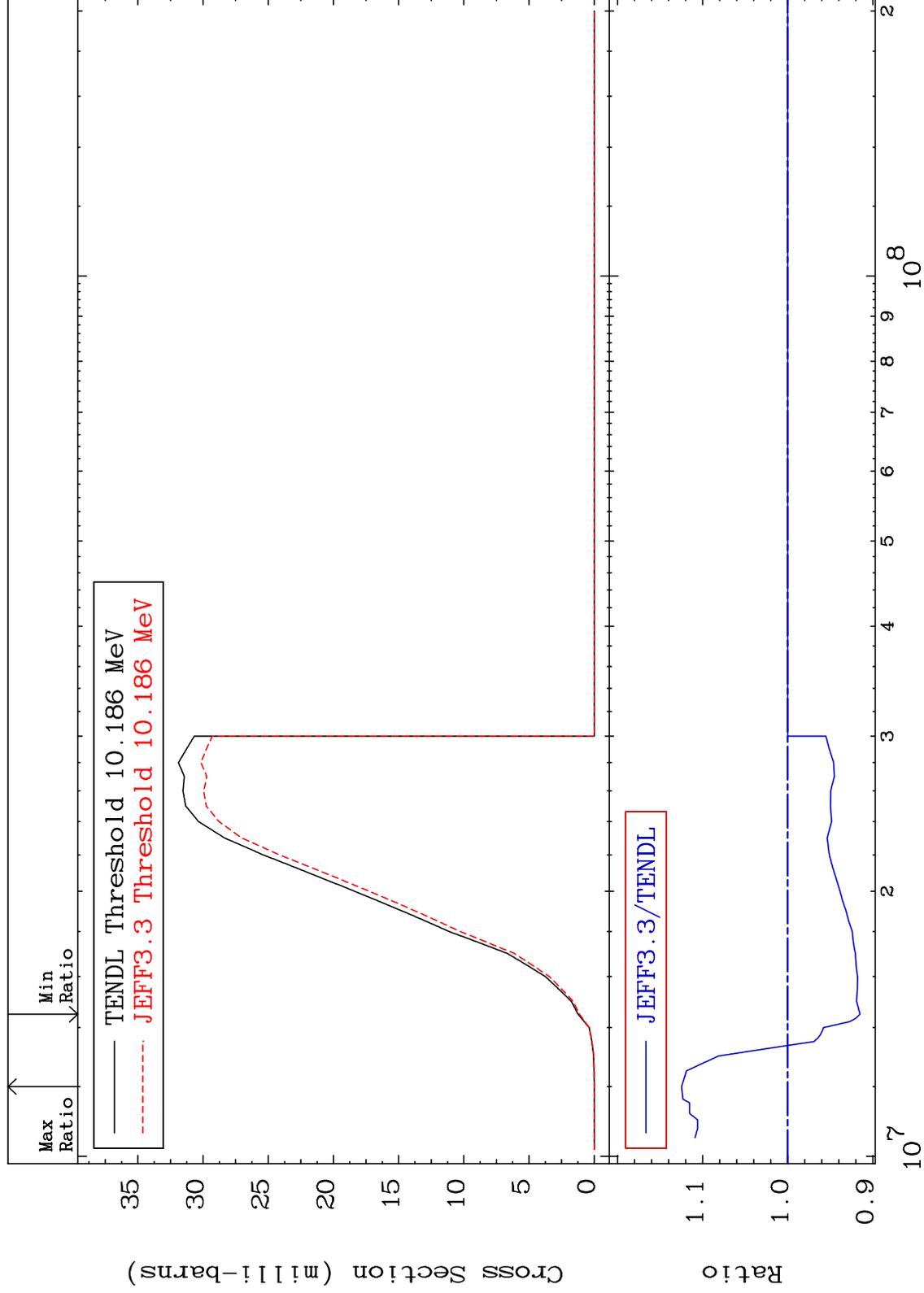
MAT 2037

(n, d)

20-Ca-44

Cross Section

-8.503 To 12.48 %



51

Incident Energy (eV)

20-Ca-44

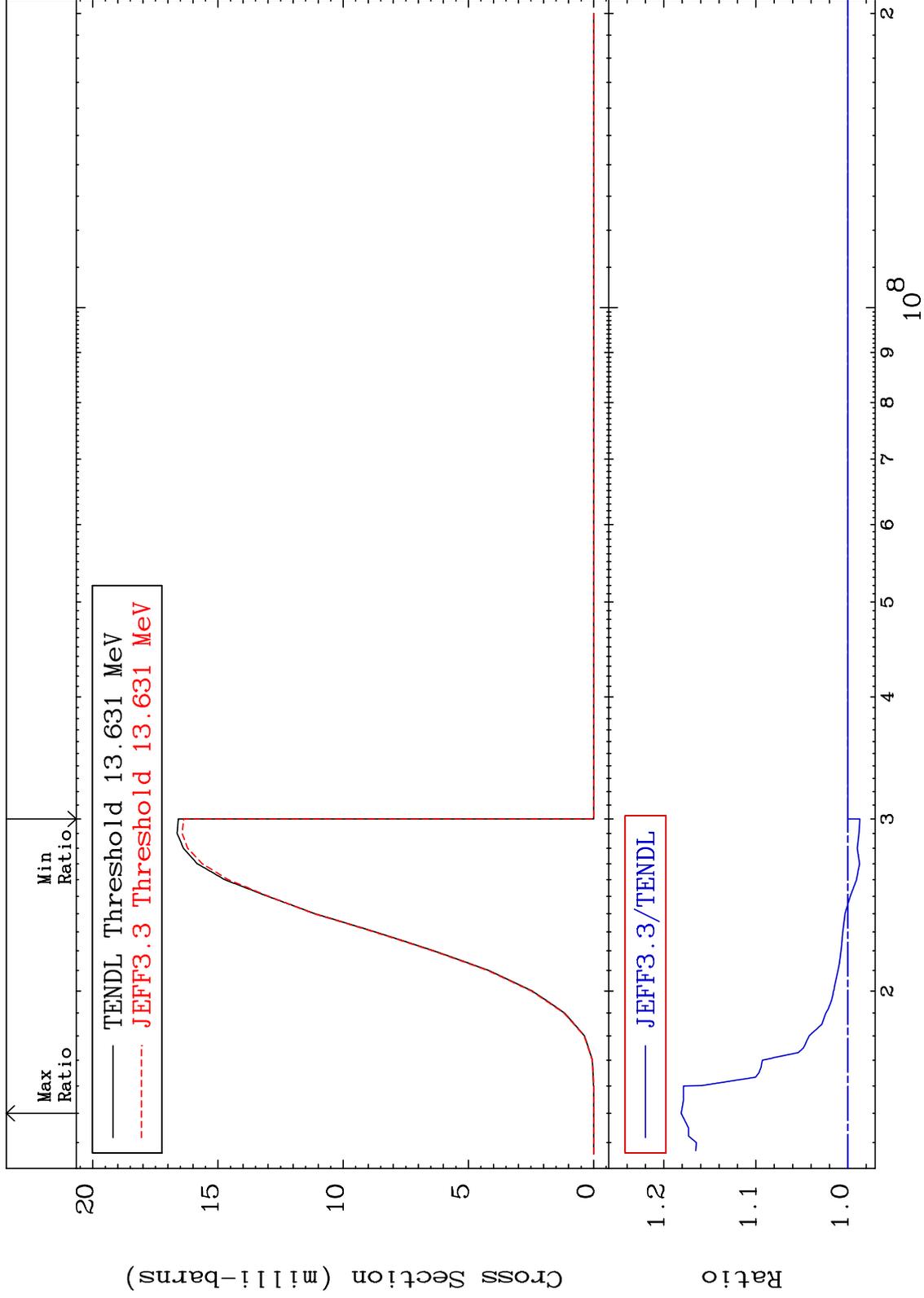
MAT 2037

(n, t)

20-Ca-44

Cross Section

-1.310 To 18.12 %



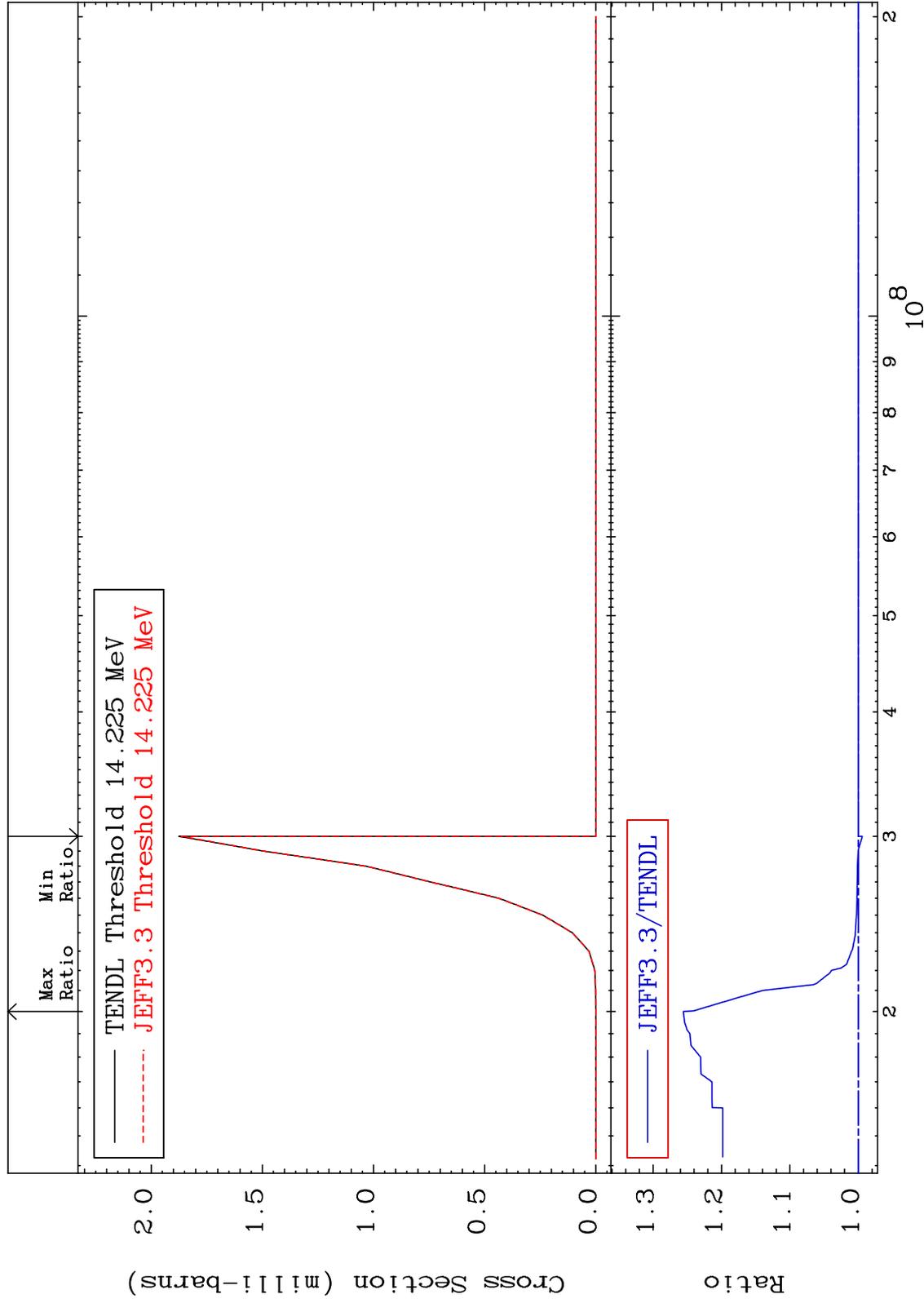
52

Incident Energy (eV)

20-Ca-44

Cross Section

-0.583 To 25.57 %



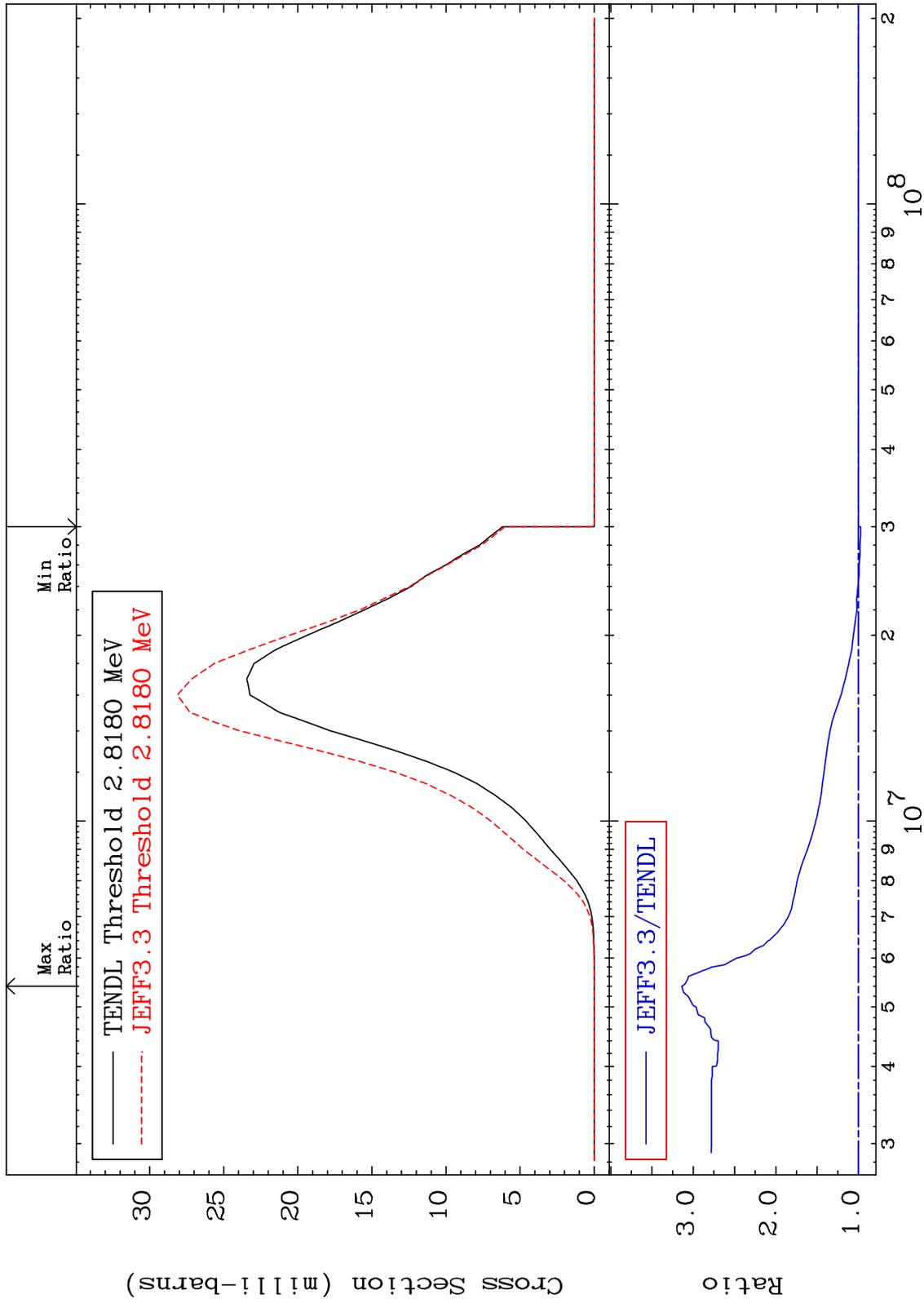
MAT 2037

(n, α)

20-Ca-44

Cross Section

-2.649 To 214.0 %



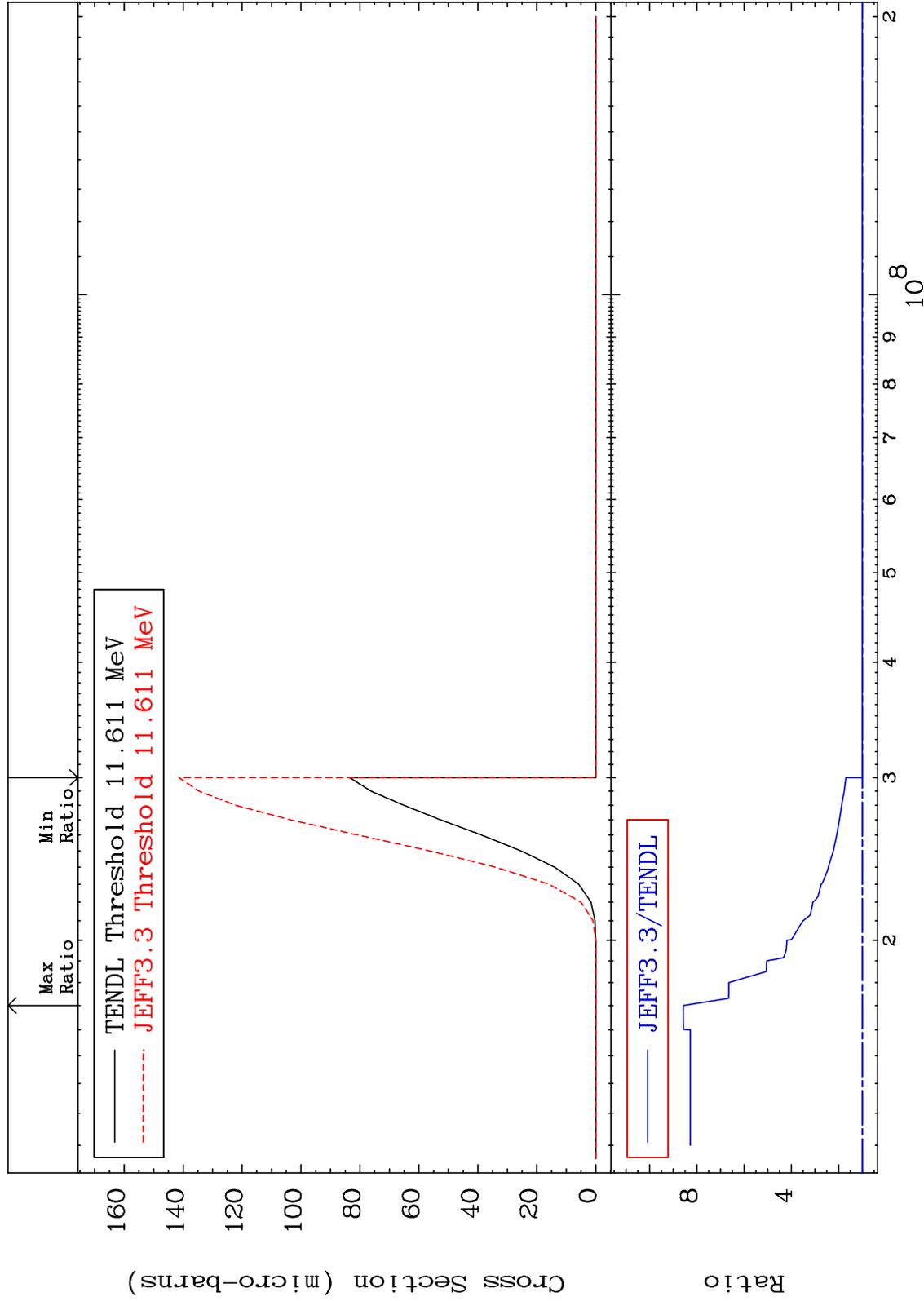
MAT 2037

(n, 2α)

20-Ca-44

Cross Section

0.000 To 757.5 %



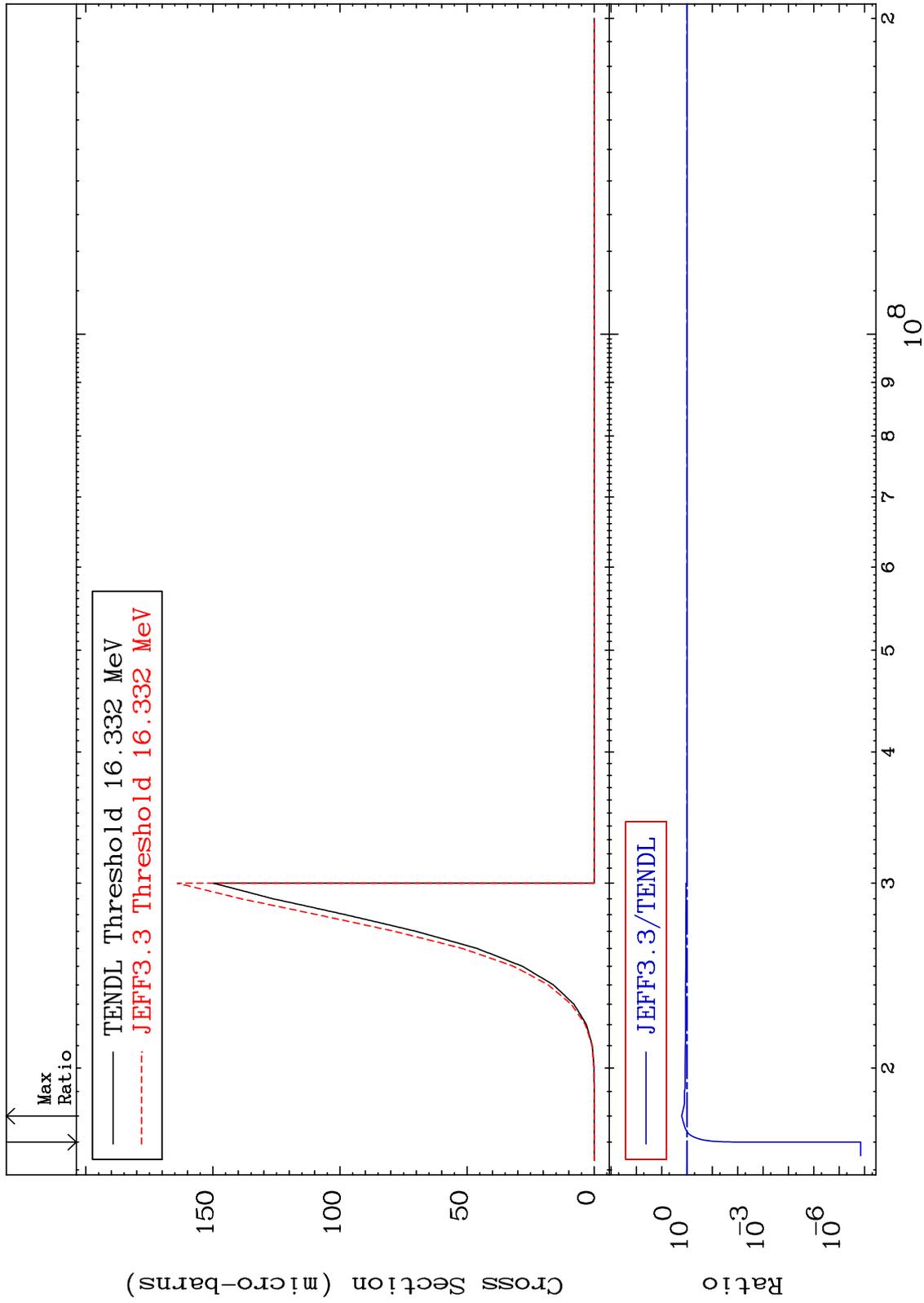
MAT 2037

(n,2p)

20-Ca-44

Cross Section

-100.0 To 61.68 %



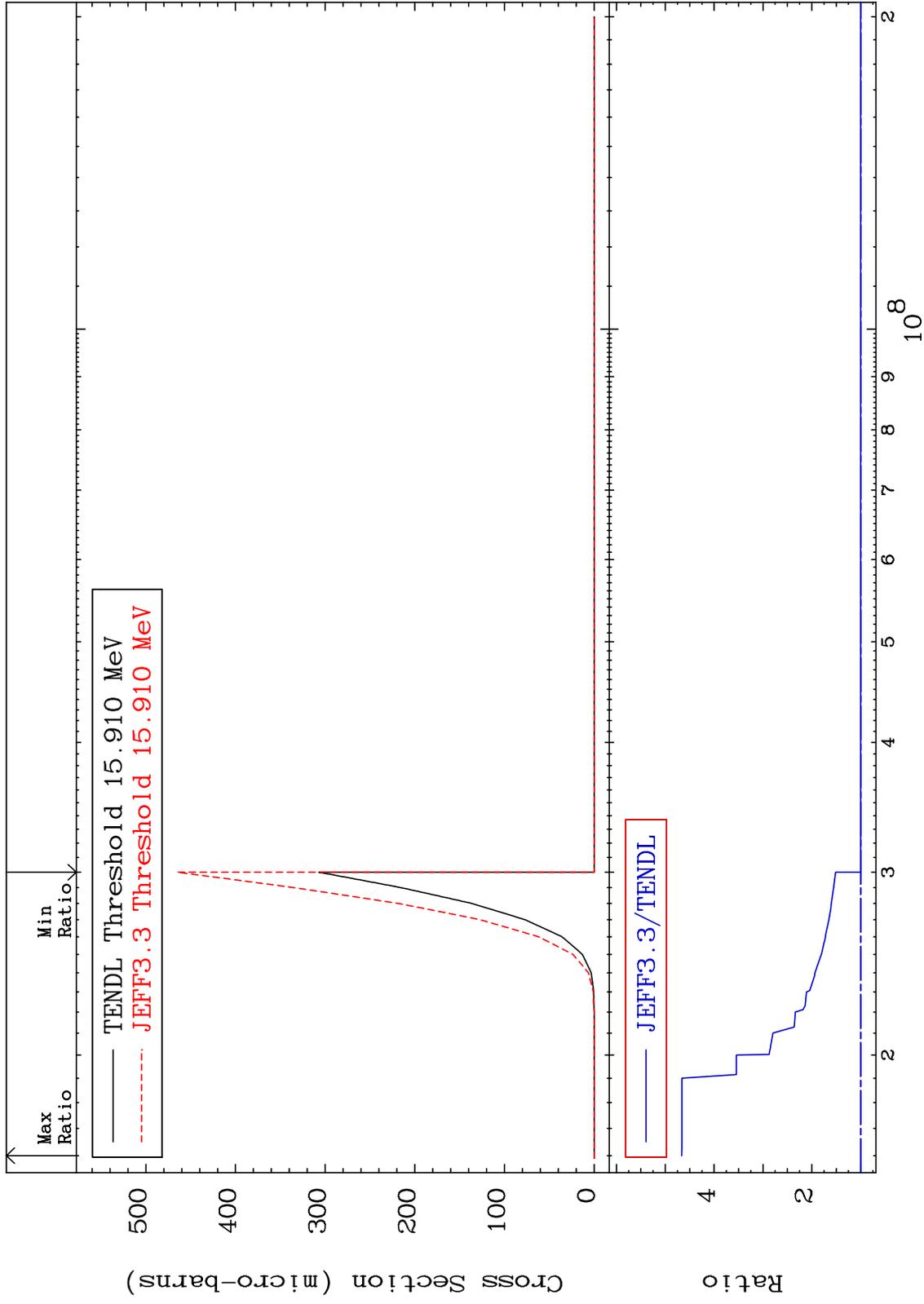
MAT 2037

(n,p) α

20-Ca-44

Cross Section

0.000 To 366.3 %



MAT 2037

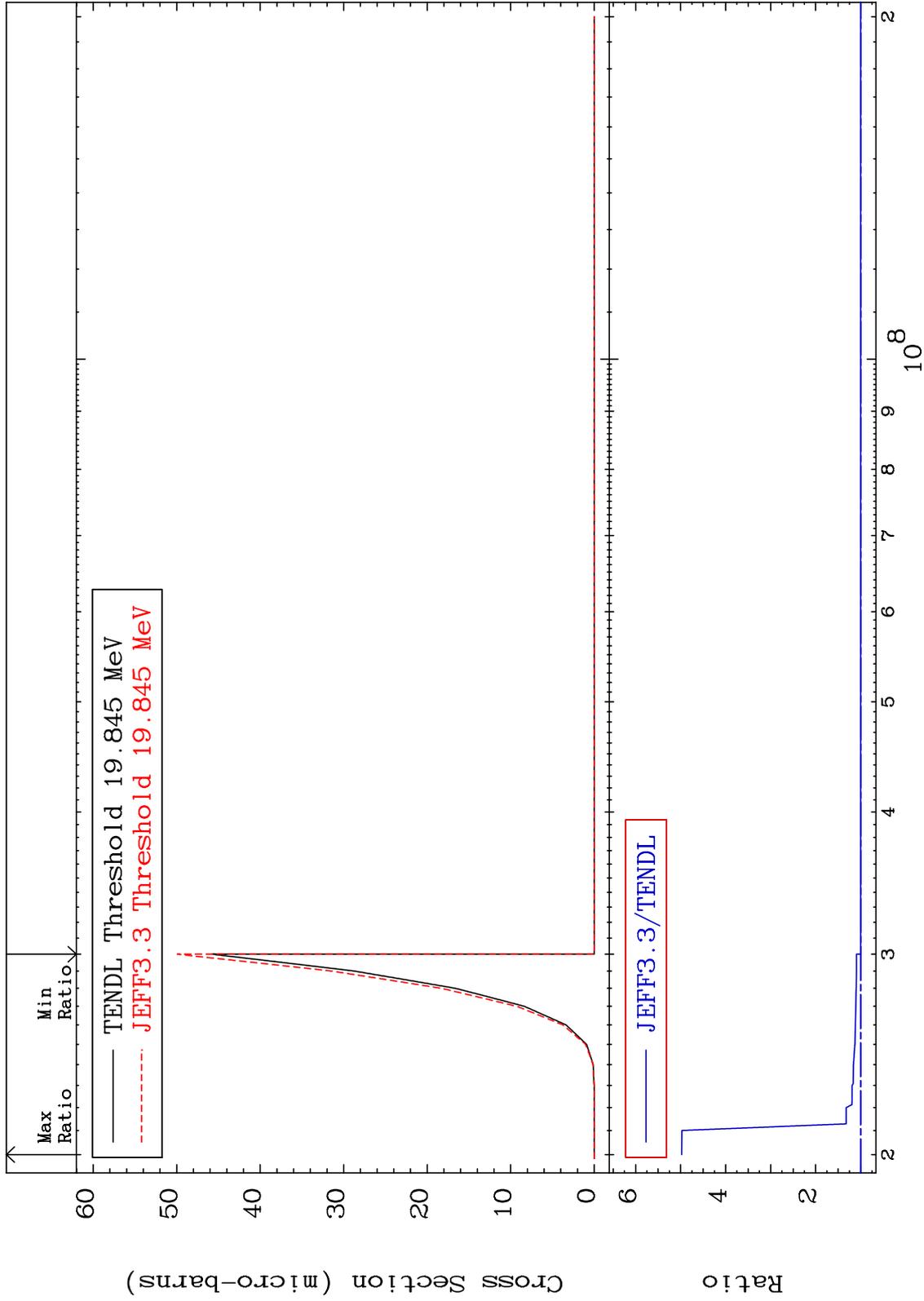
(n,p) d

²⁰Ca-44

Cross Section

0.000

To 397.5 %



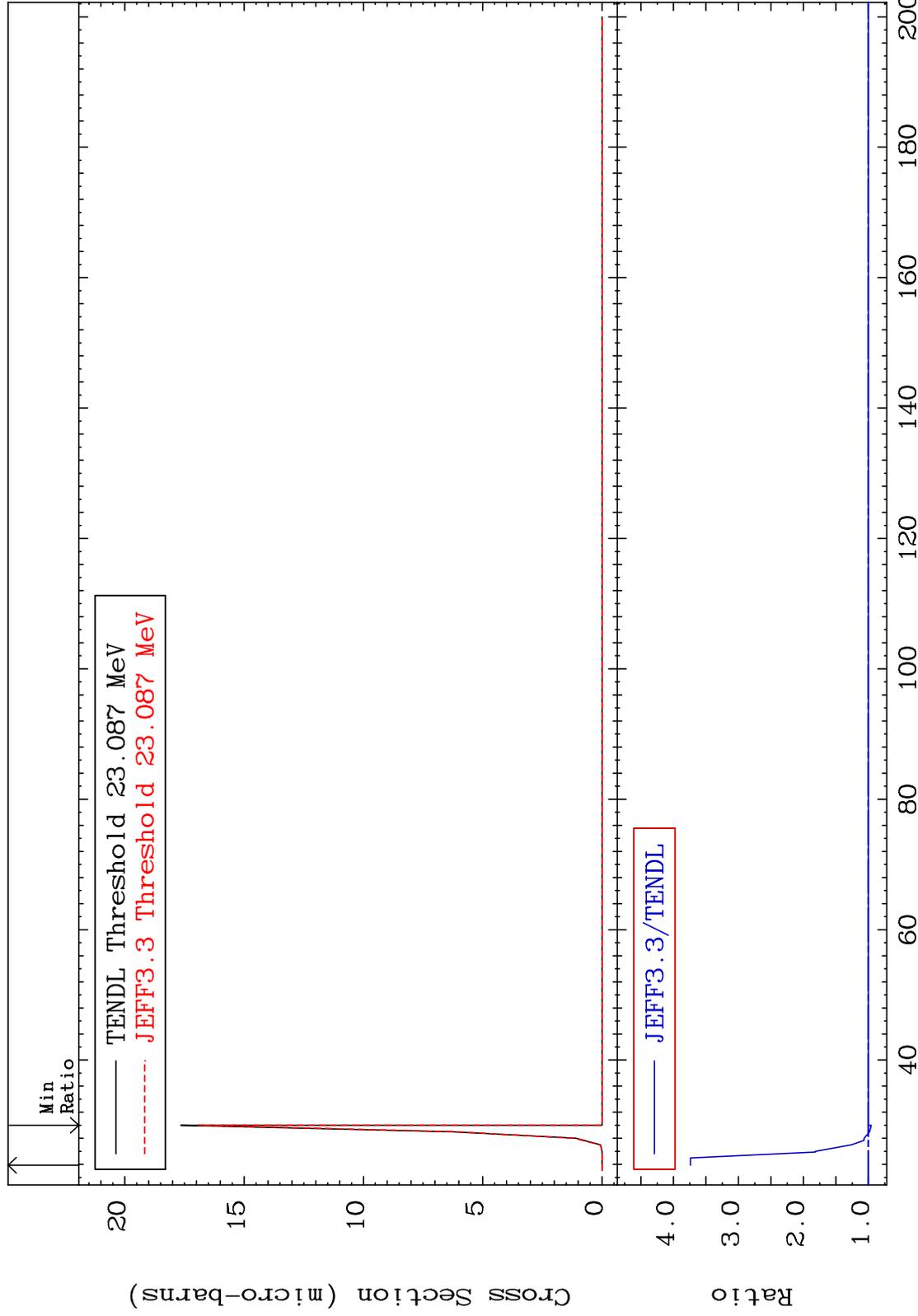
MAT 2037

(n,p) t

20-Ca-44

Cross Section

-4.345 To 273.7 %



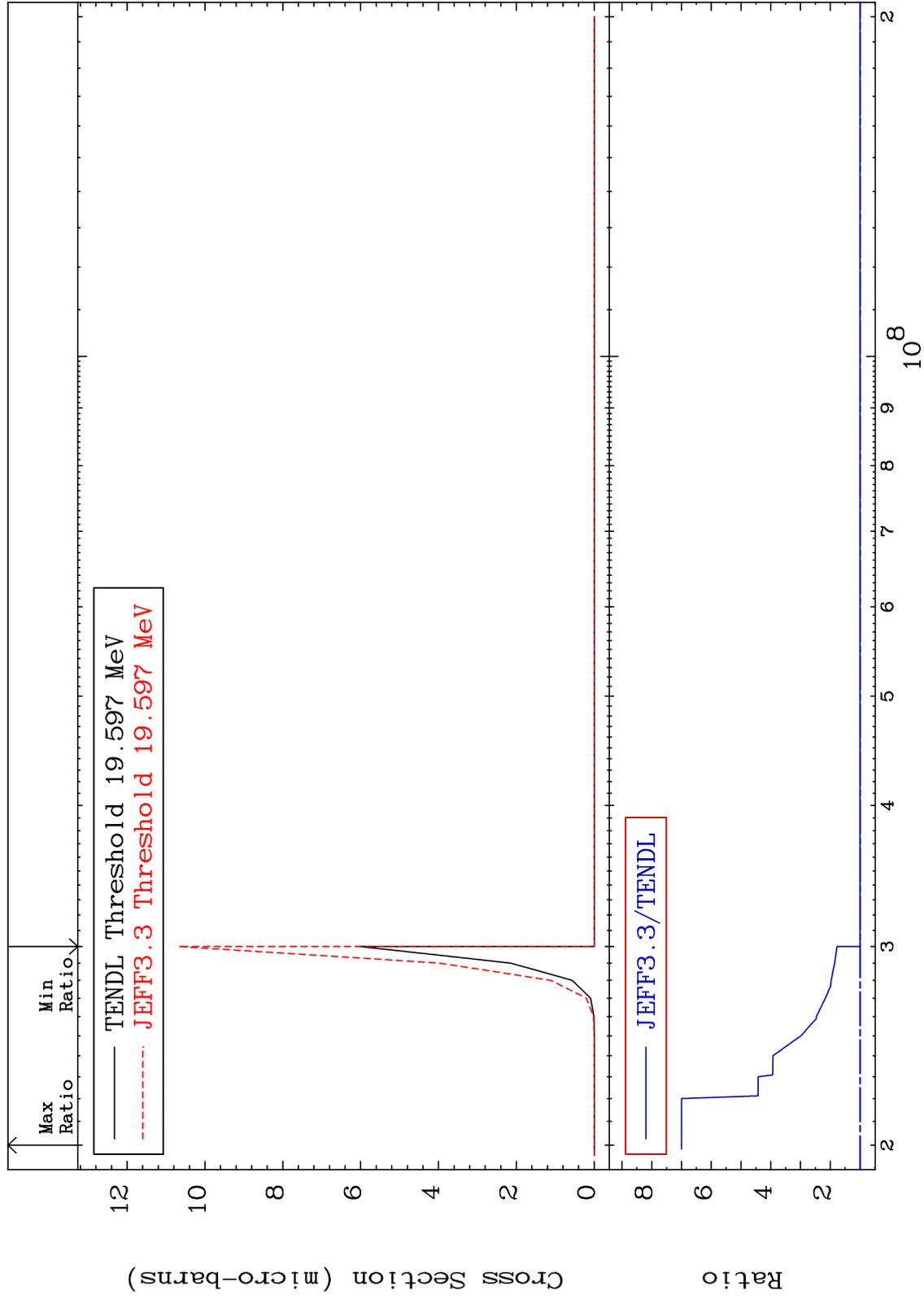
MAT 2037

(n,d) α

20-Ca-44

Cross Section

0.000 To 599.7 %



60

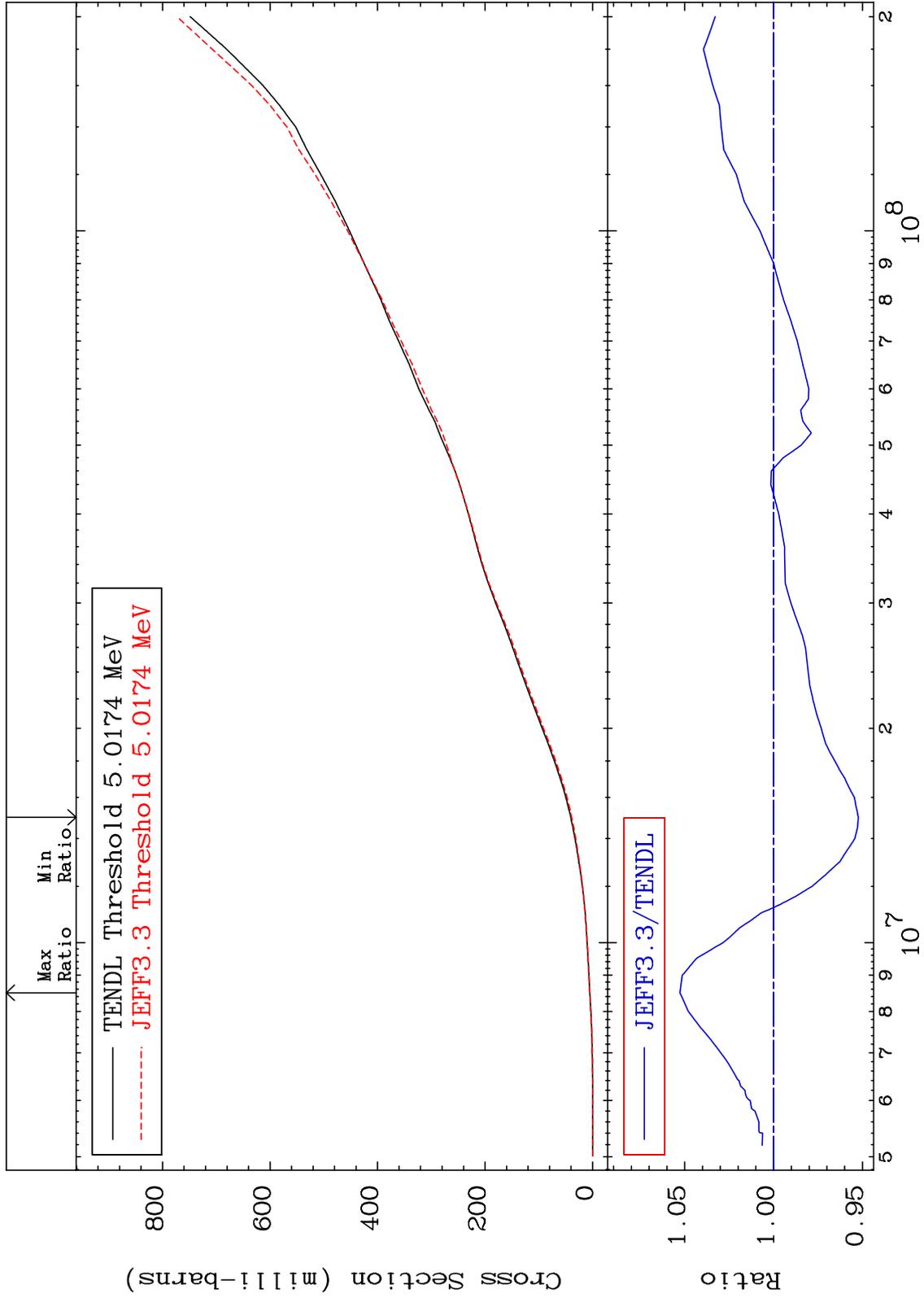
Incident Energy (eV)

20-Ca-44

MAT 2037

Hydrogen Production Cross Section

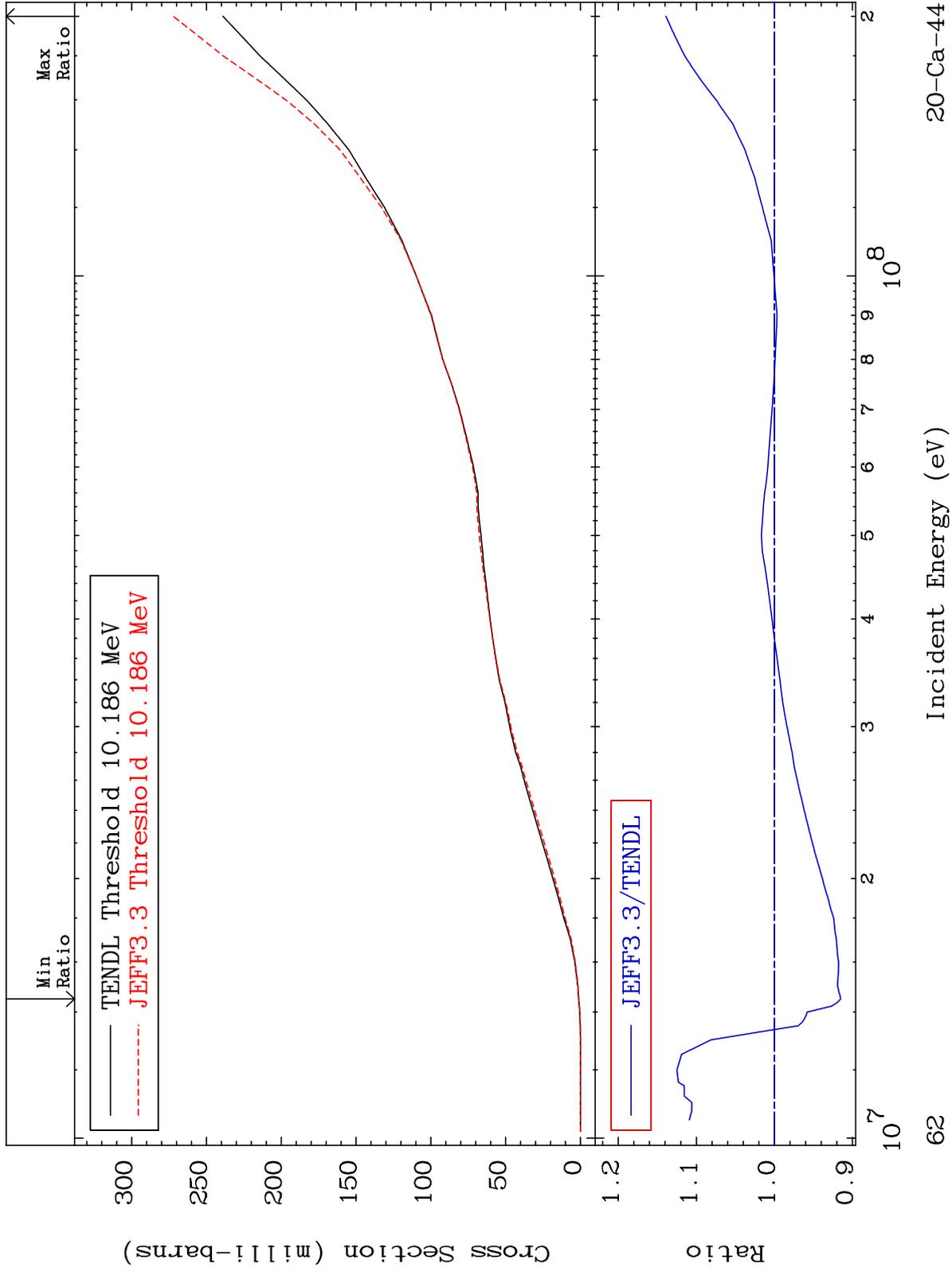
20-Ca-44
-4.770 To 5.268 %



MAT 2037

Deuterium Production
Cross Section

20-Ca-44
-8.503 To 13.89 %

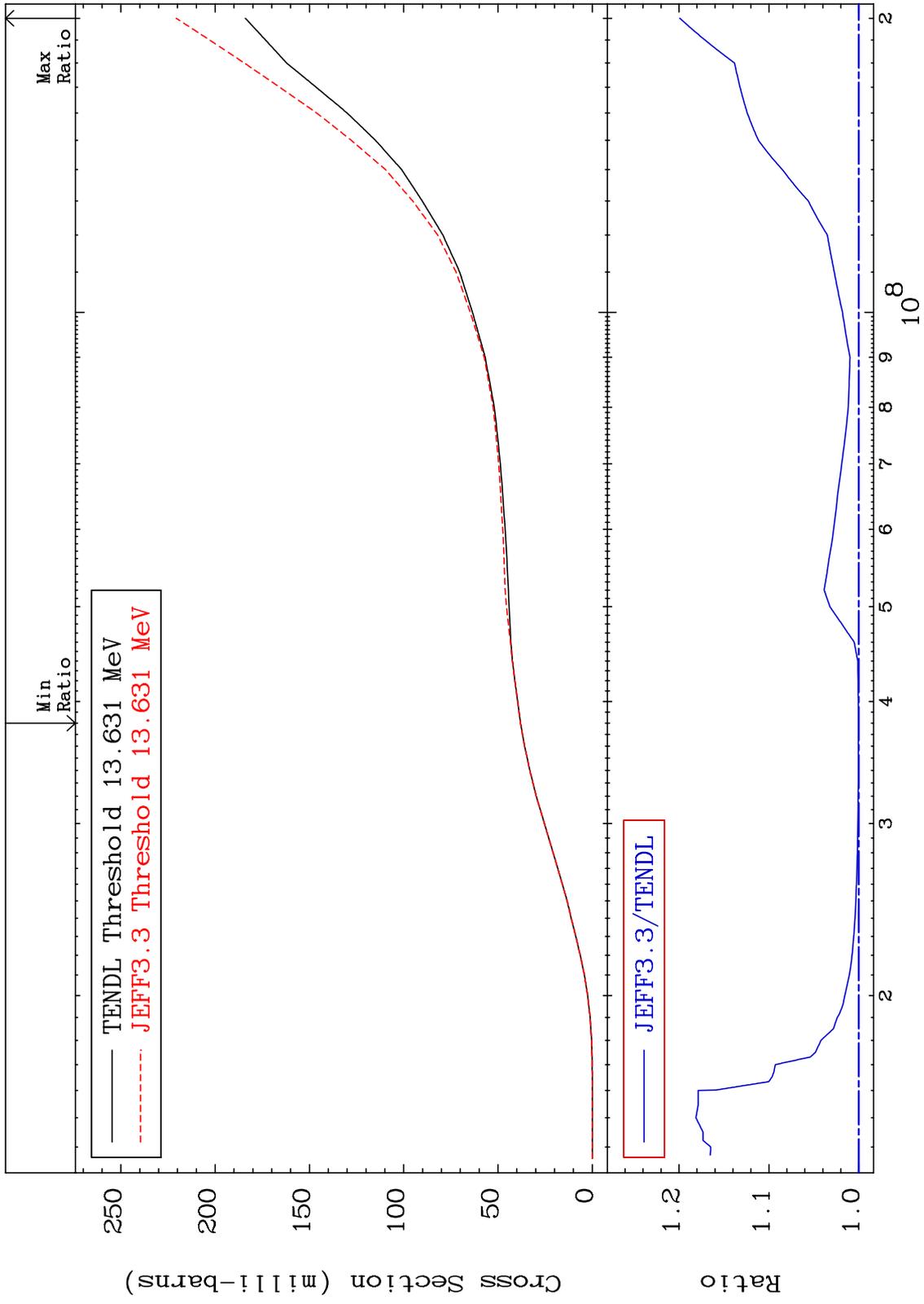


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MAT 2037

Tritium Production
Cross Section

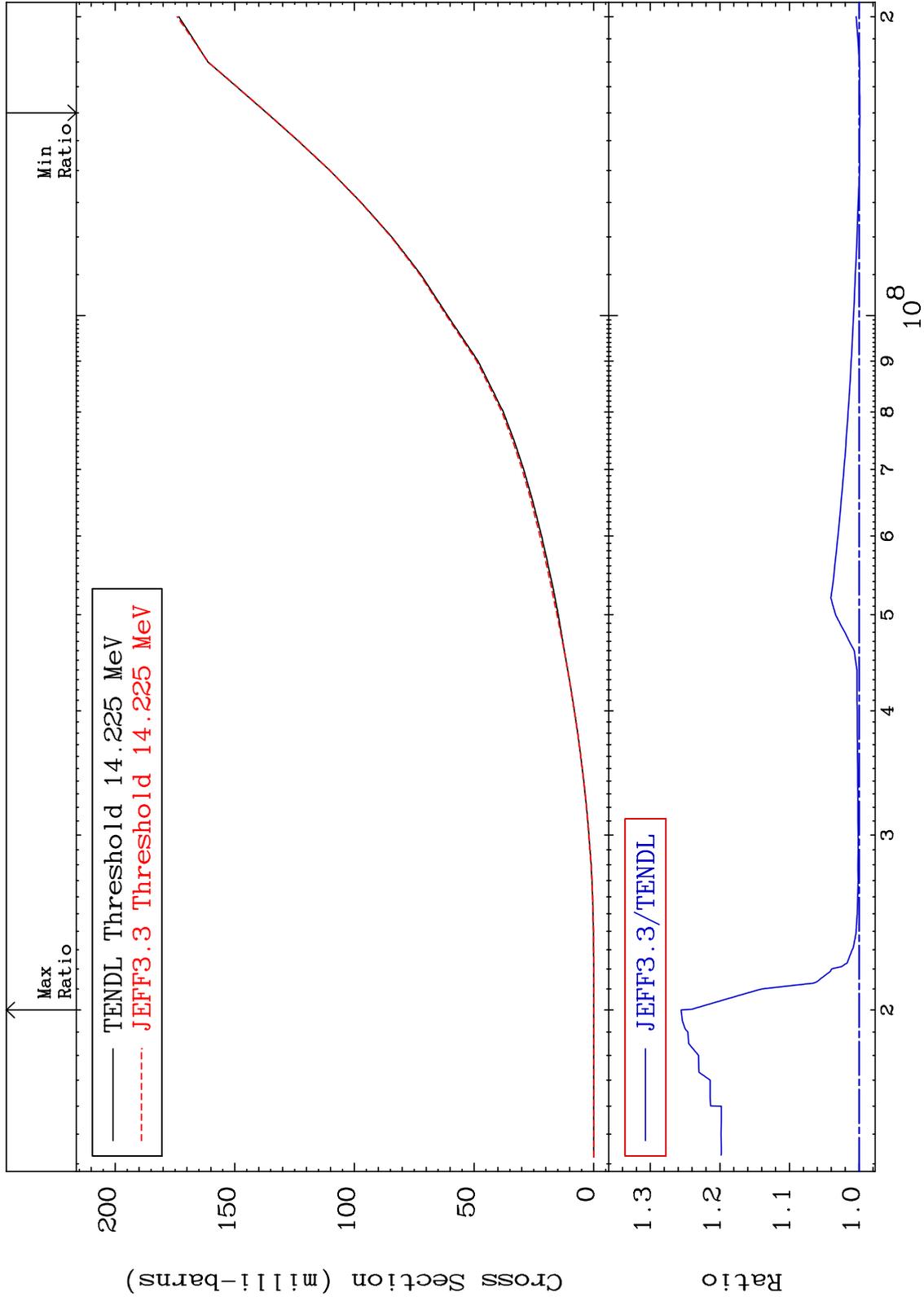
20-Ca-44
0.050 To 19.92 %



MAT 2037

He-3 Production
Cross Section

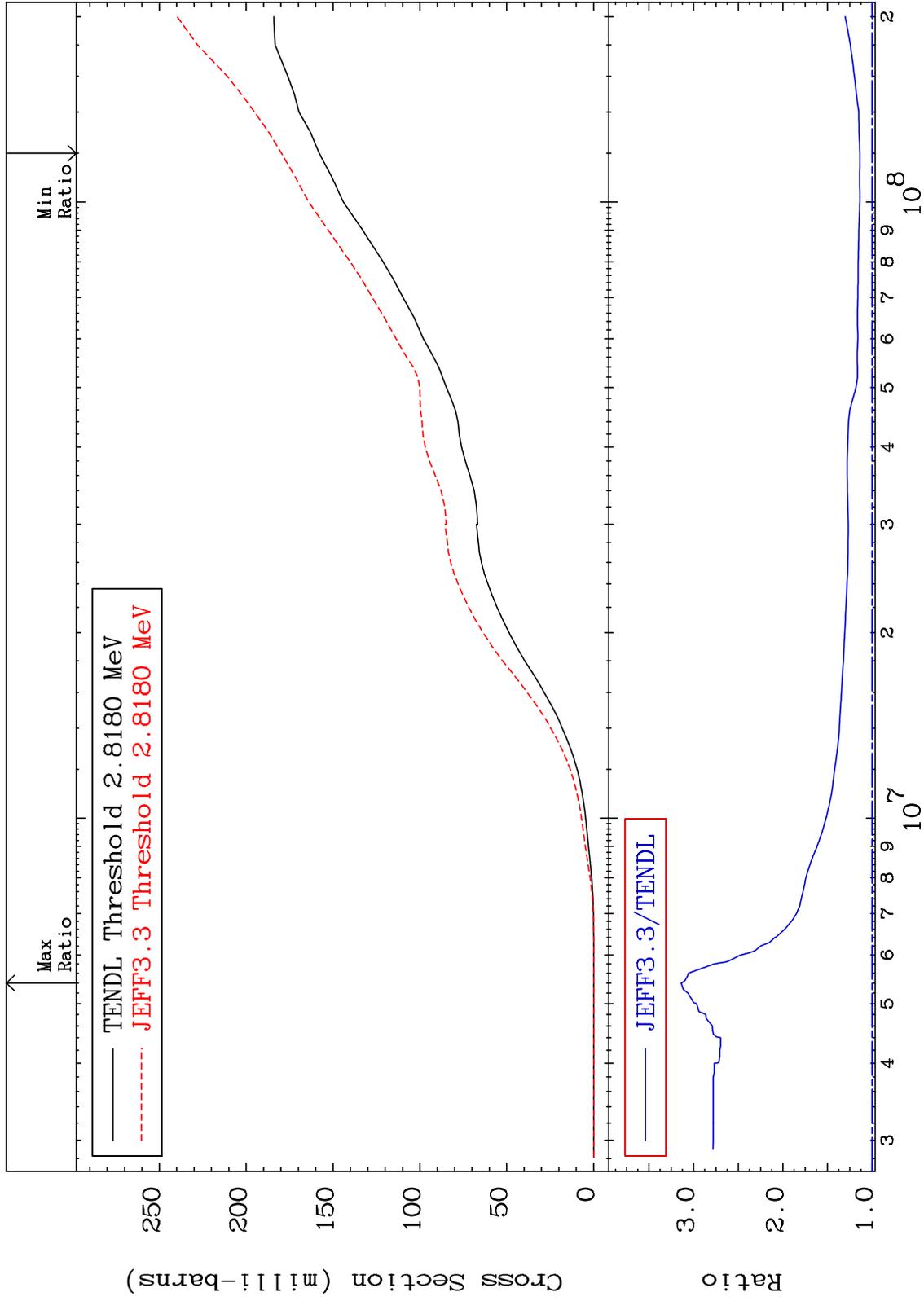
20-Ca-44
-0.117 To 25.57 %



MAT 2037

He-4 Production
Cross Section

20-Ca-44
13.75 To 214.0 %



65

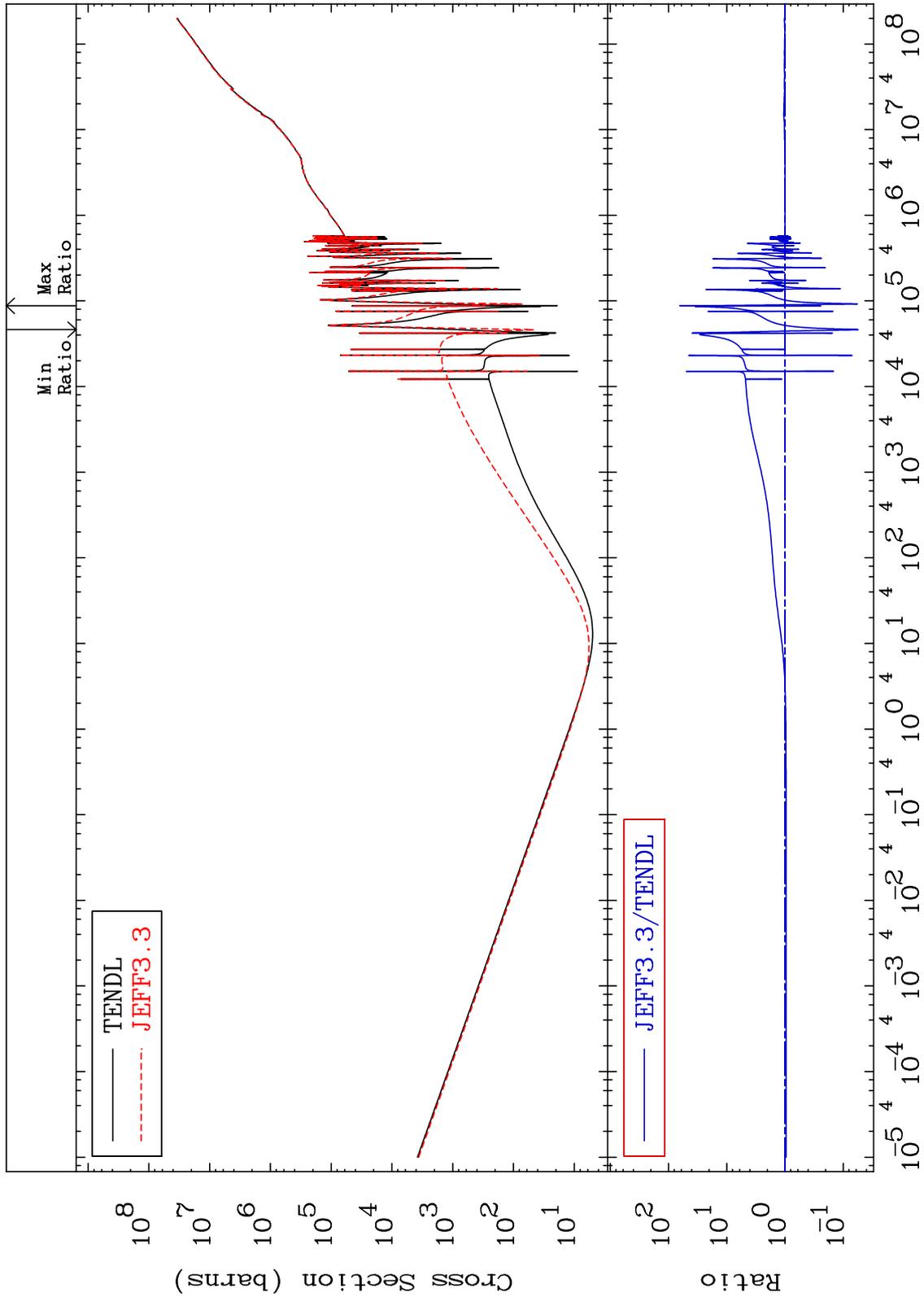
Incident Energy (eV)

20-Ca-44

MAT 2037

Kerma total (eV-barns)
Cross Section

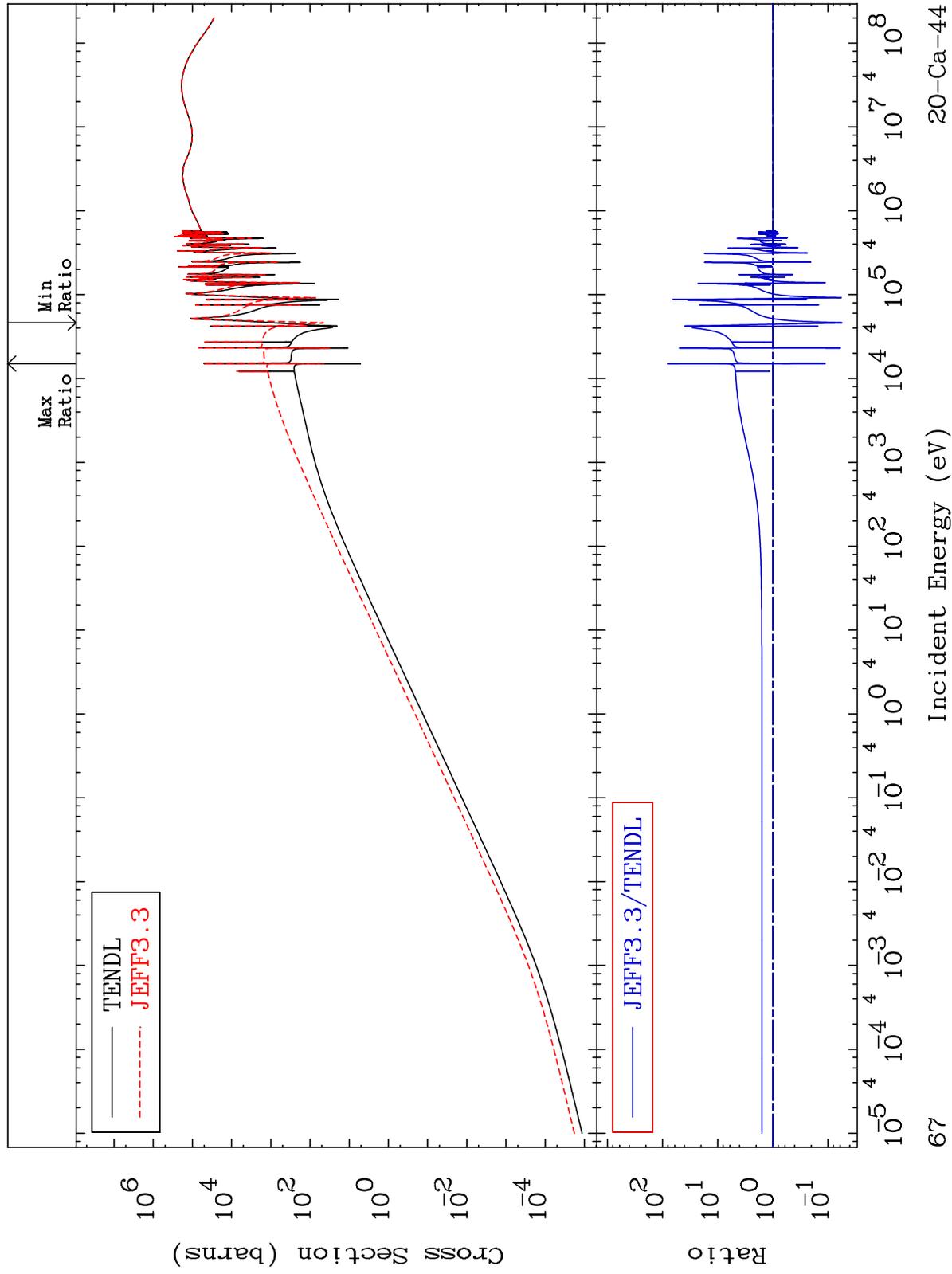
20-Ca-44
-94.51 To 6252. %



MAT 2037

Kerma elastic
Cross Section

20-Ca-44
-94.52 To 8001. %



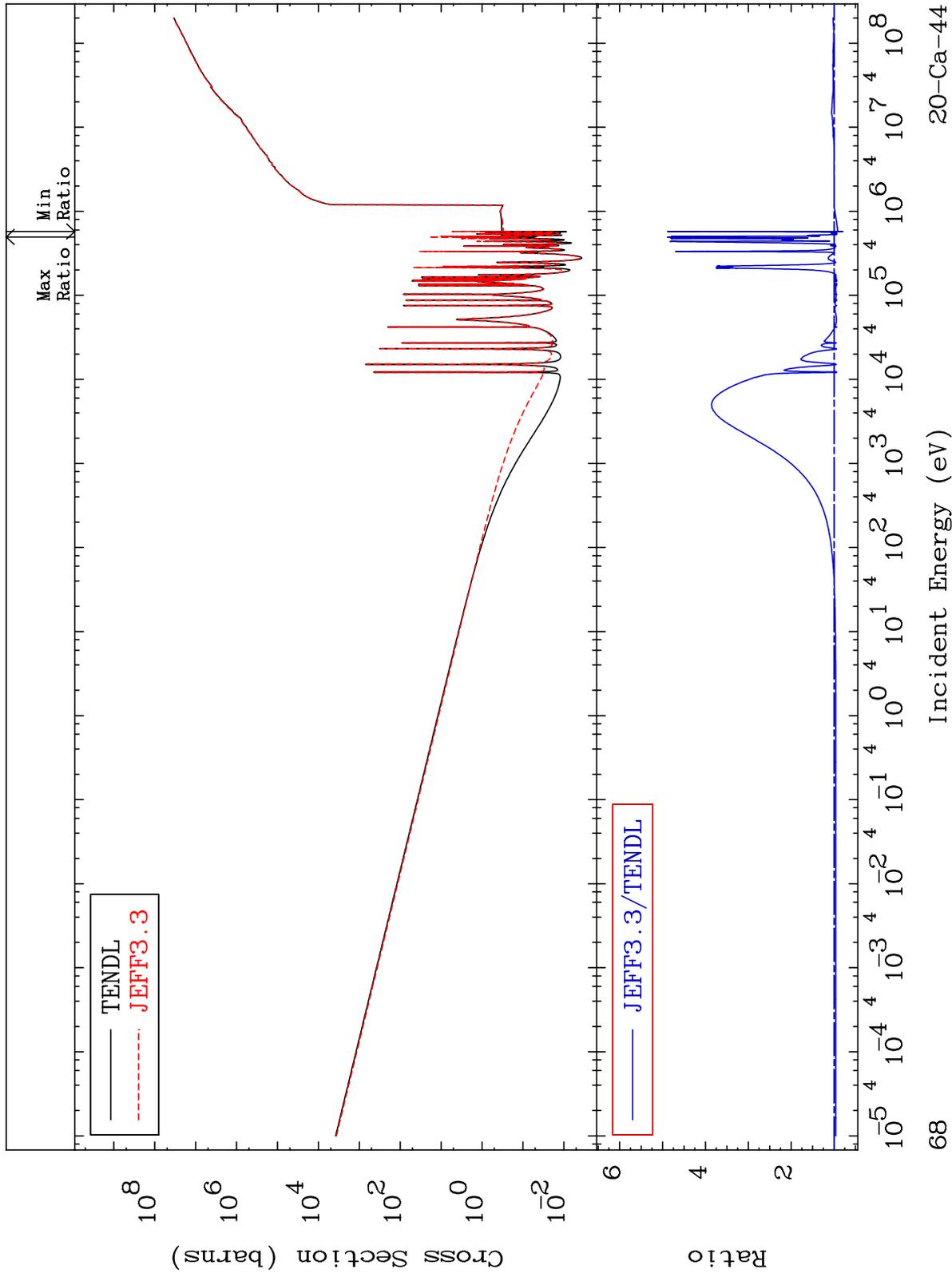
67

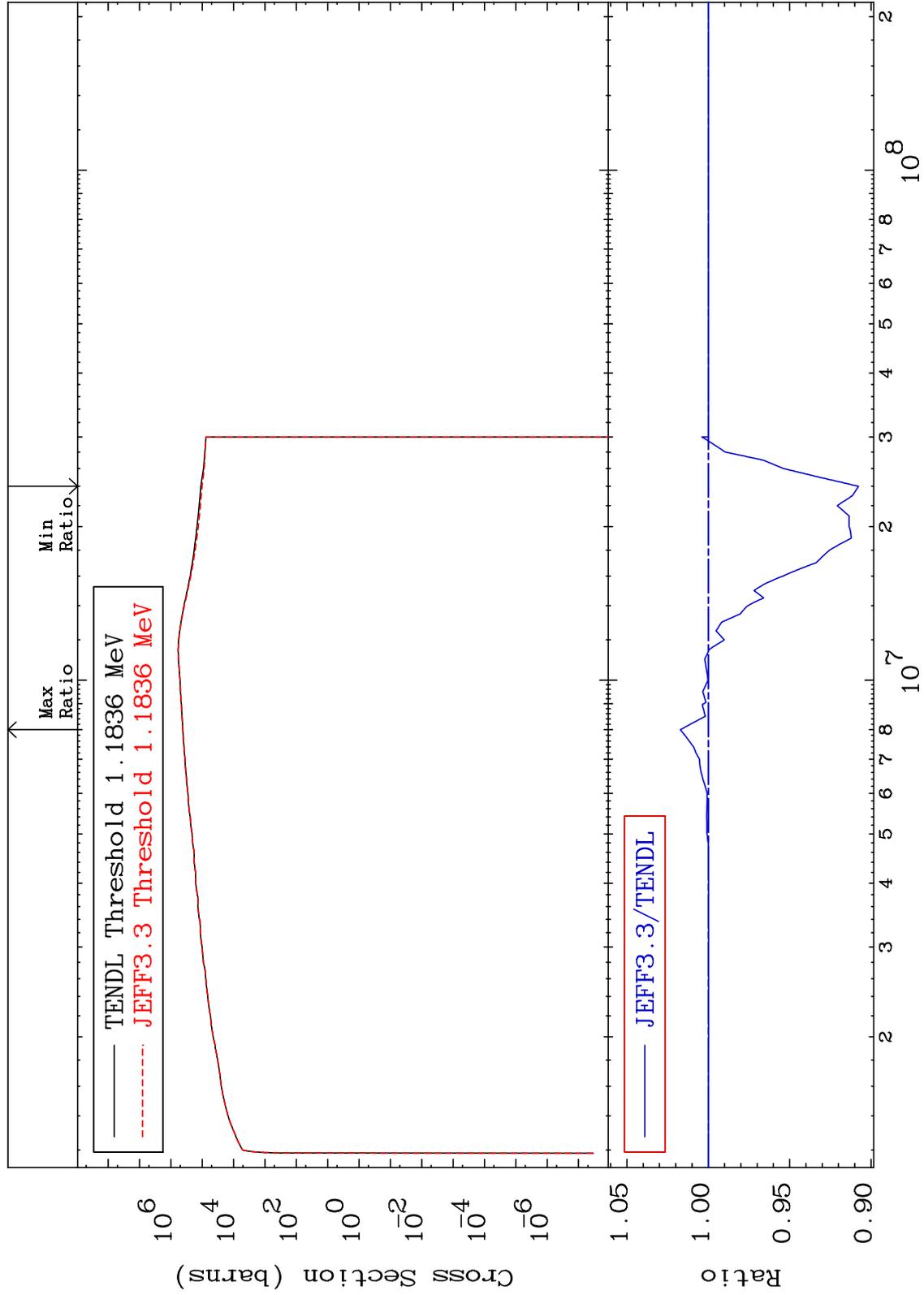
20-Ca-44

MAT 2037

Kerma non-elastic (all but mt2)
Cross Section

20-Ca-44
-20.58 To 388.1 %

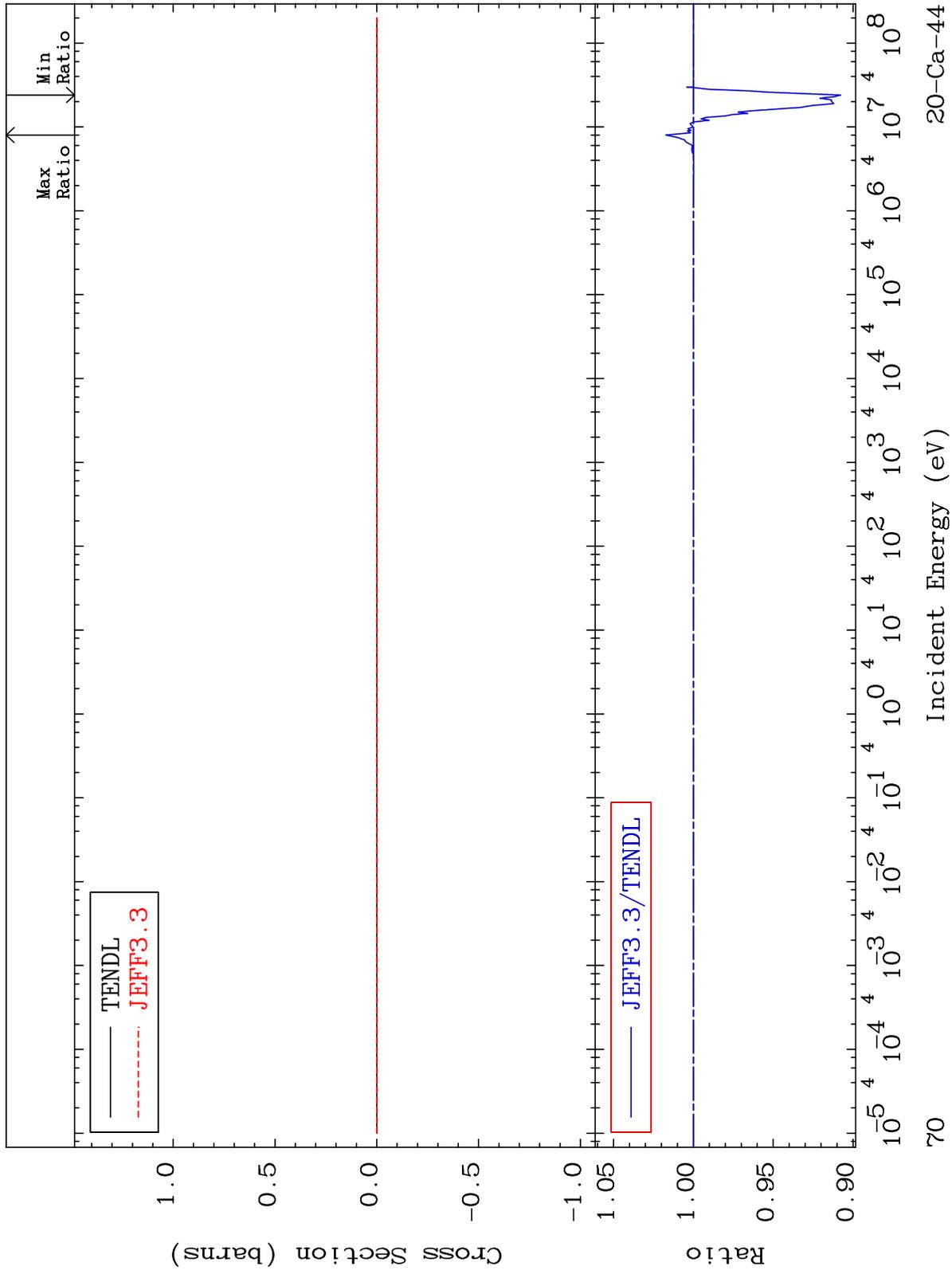




MAT 2037

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

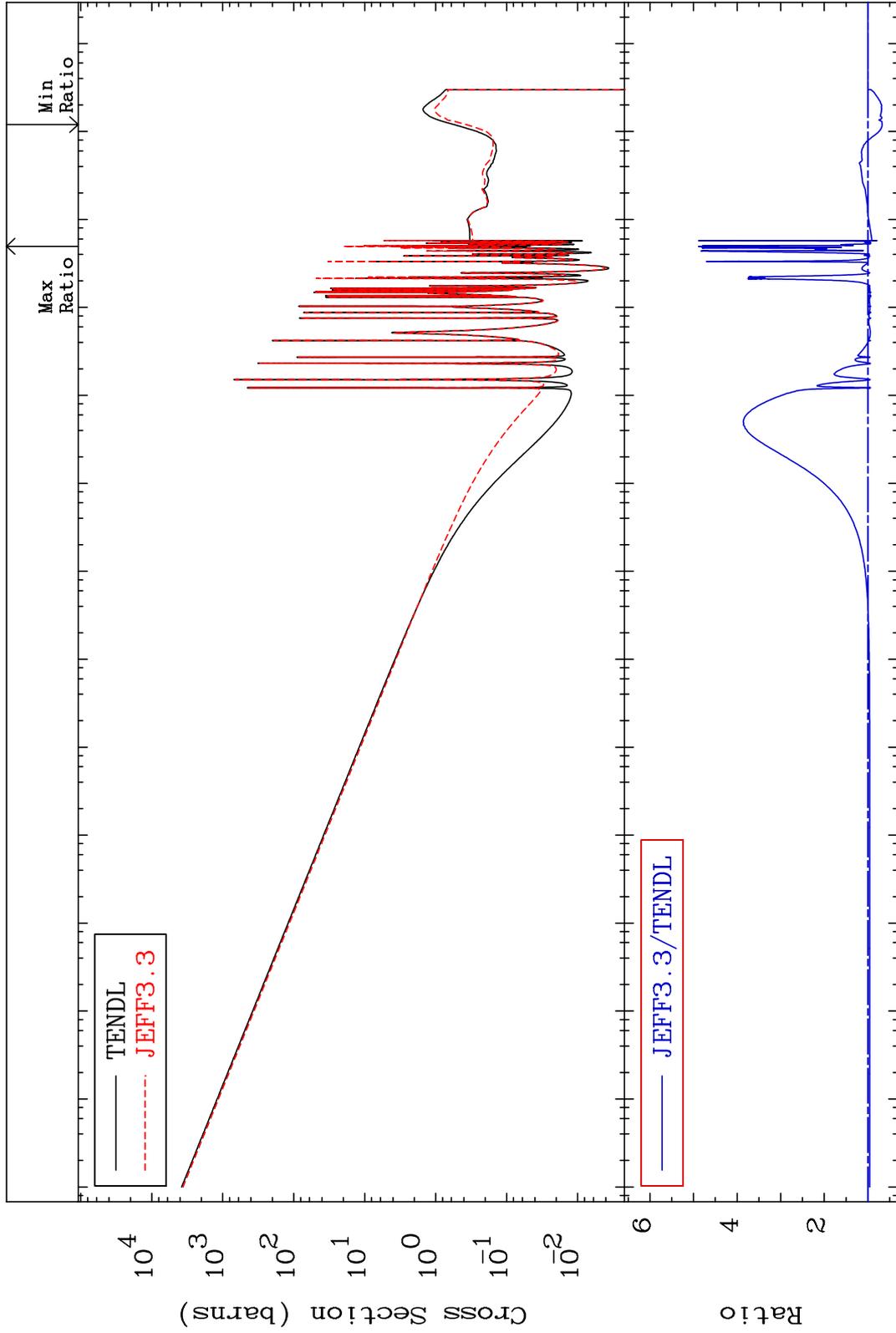
20-Ca-44
-9.231 To 1.716 %



MAT 2037

Kerma capture (mt102)
Cross Section

20-Ca-44
-32.66 To 388.1 %



71

Incident Energy (eV)

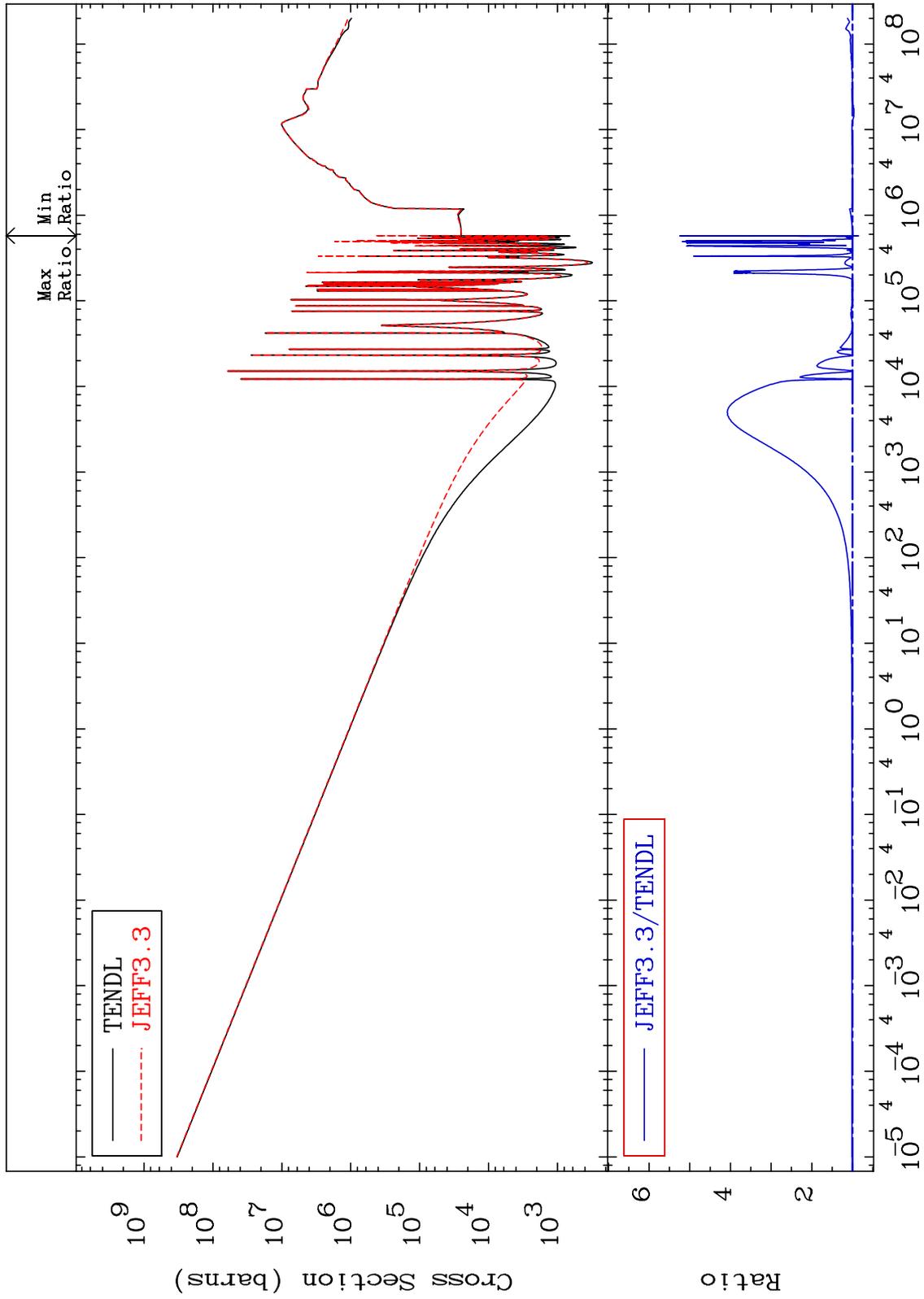
20-Ca-44

MAT 2037

Total photon (eV-barns)
Cross Section

20-Ca-44

-14.59 To 424.2 %



72

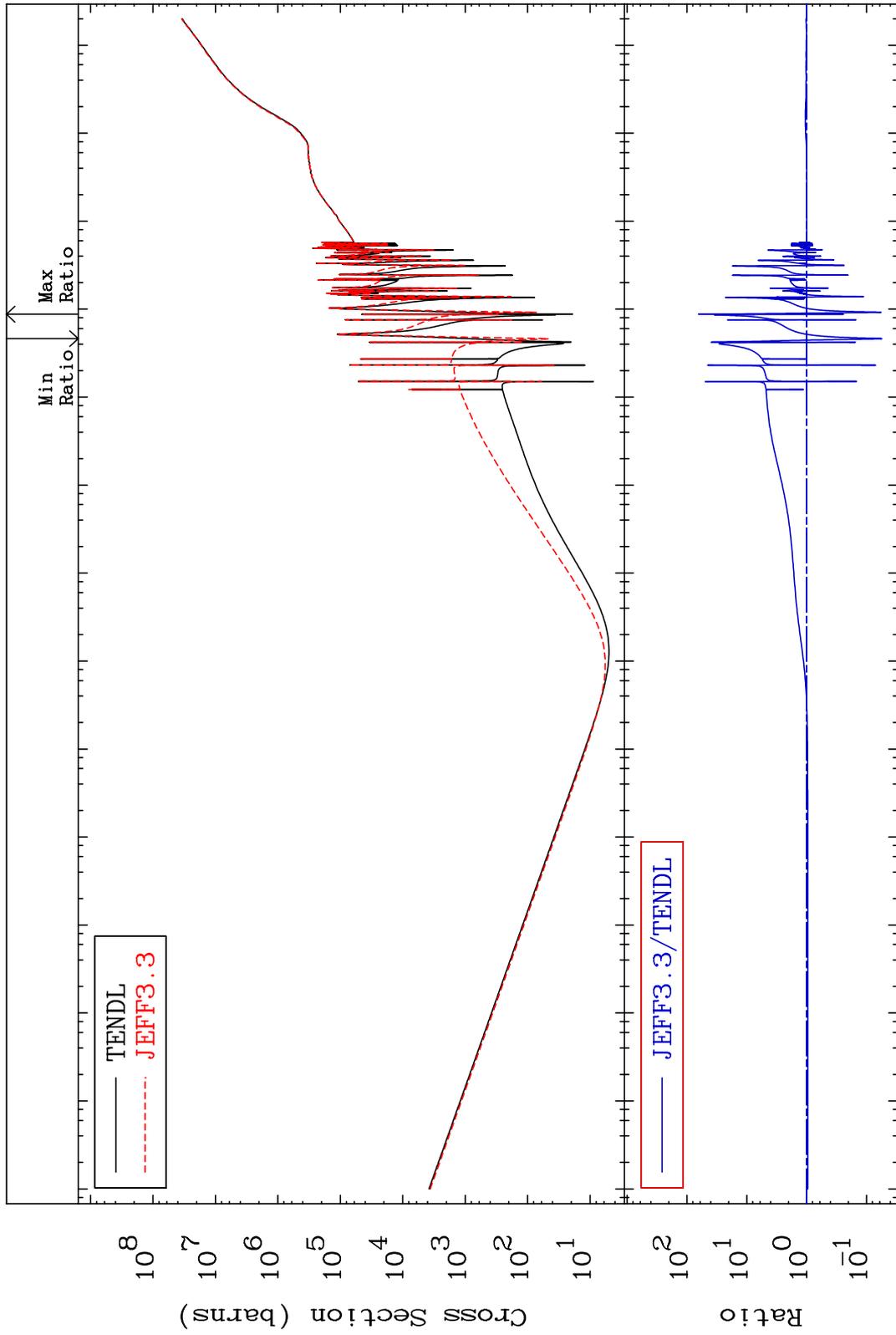
Incident Energy (eV)

20-Ca-44

MAT 2037

Total kinematic kerma (high limit)
Cross Section

20-Ca-44
-94.51 To 6252. %



73

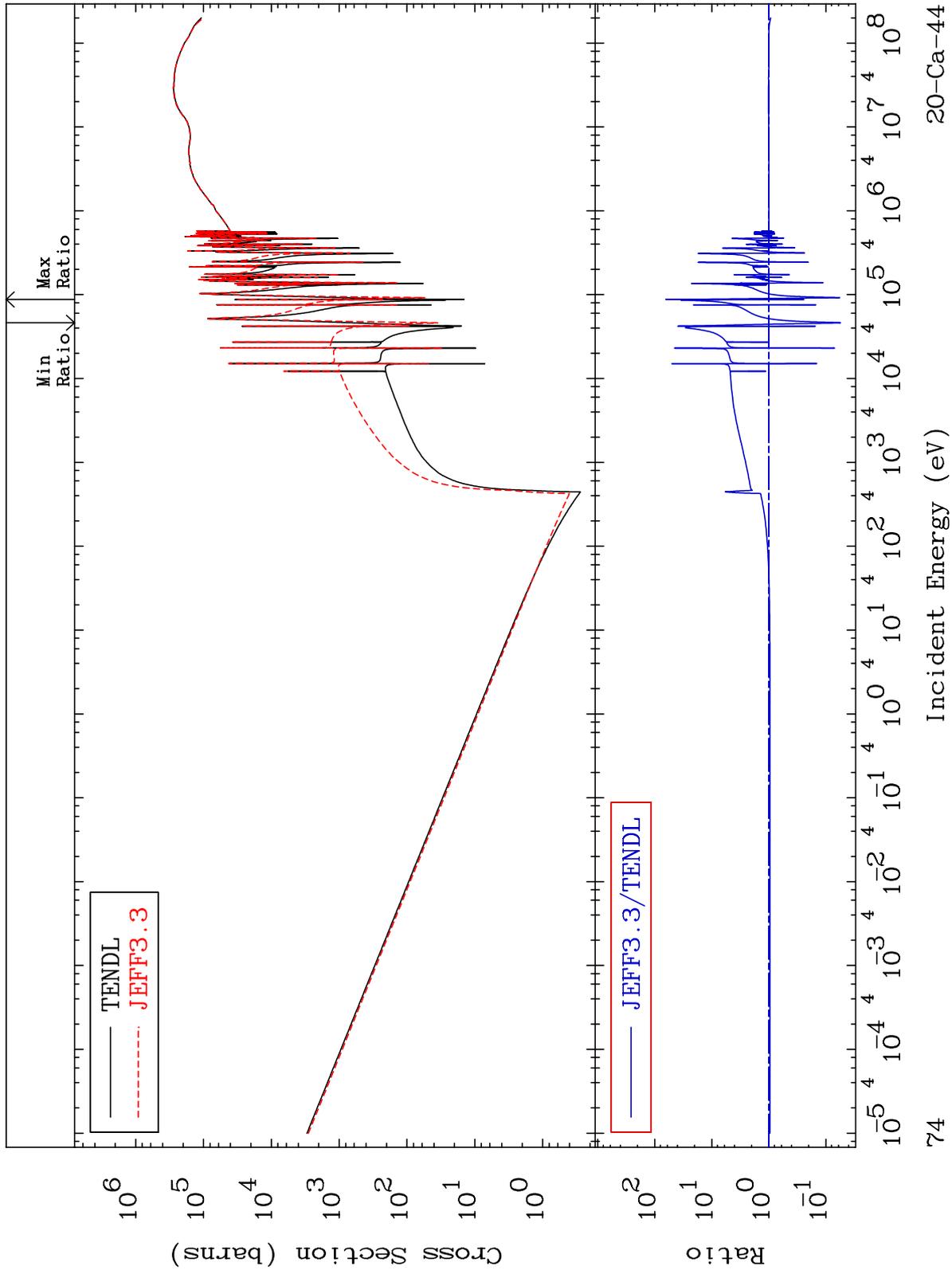
Incident Energy (eV)

20-Ca-44

MAT 2037

Dpa total (eV-barns)
Cross Section

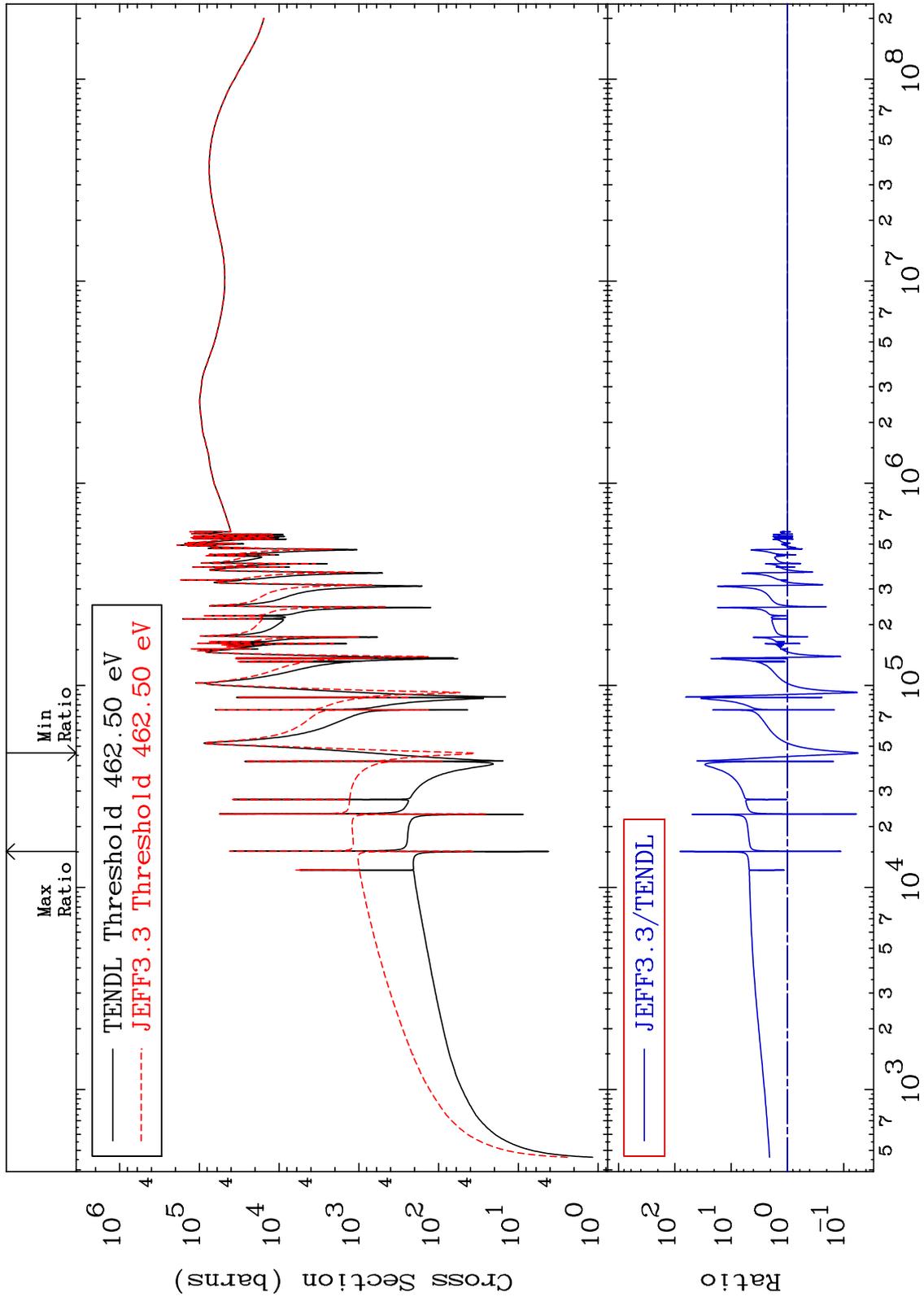
20-Ca-44
-94.51 To 6251. %



MAT 2037

Dpa elastic (mt2)
Cross Section

20-Ca-44
-94.52 To 8001. %



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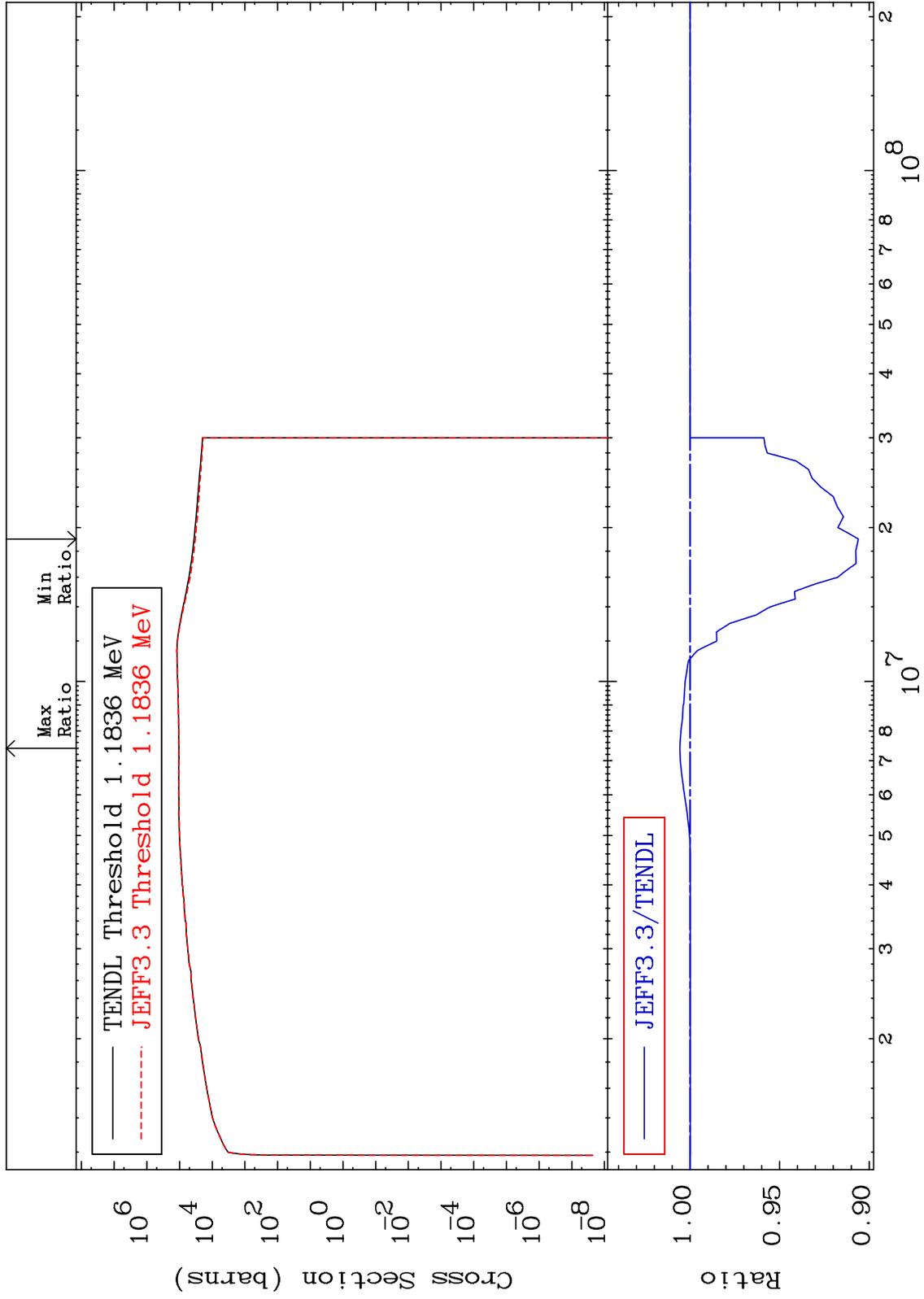
Incident Energy (eV)

20-Ca-44

MAT 2037

Dpa inelastic (mt51-91)
Cross Section

20-Ca-44
-9.398 To 0.567 %



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20-Ca-44

MAT 2037

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-44
-21.07 To 385.4 %

