

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

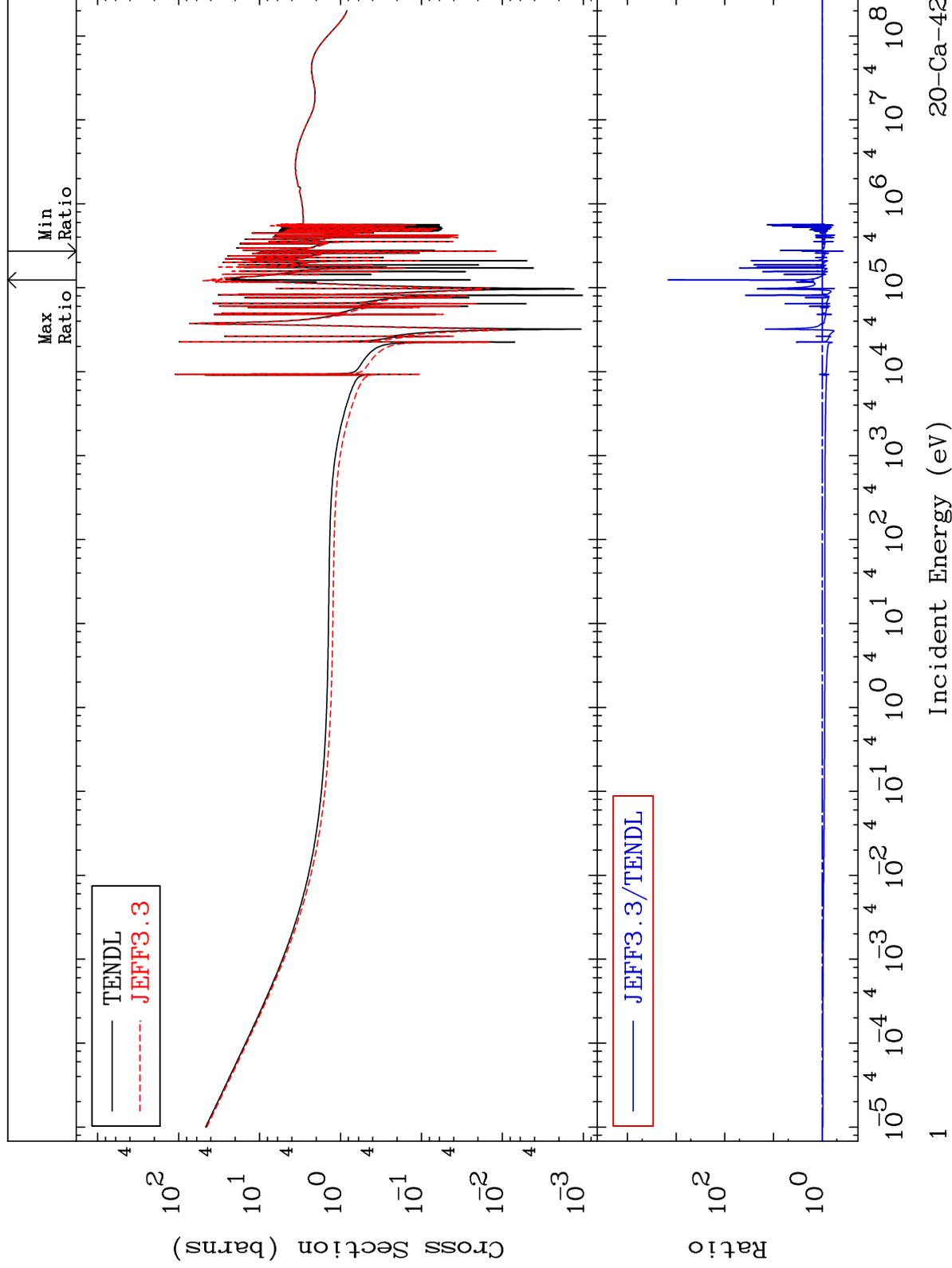
MAT 2031

Total

20-Ca-42

Cross Section

-62.67 To 9999. %



Incident Energy (eV)

20-Ca-42

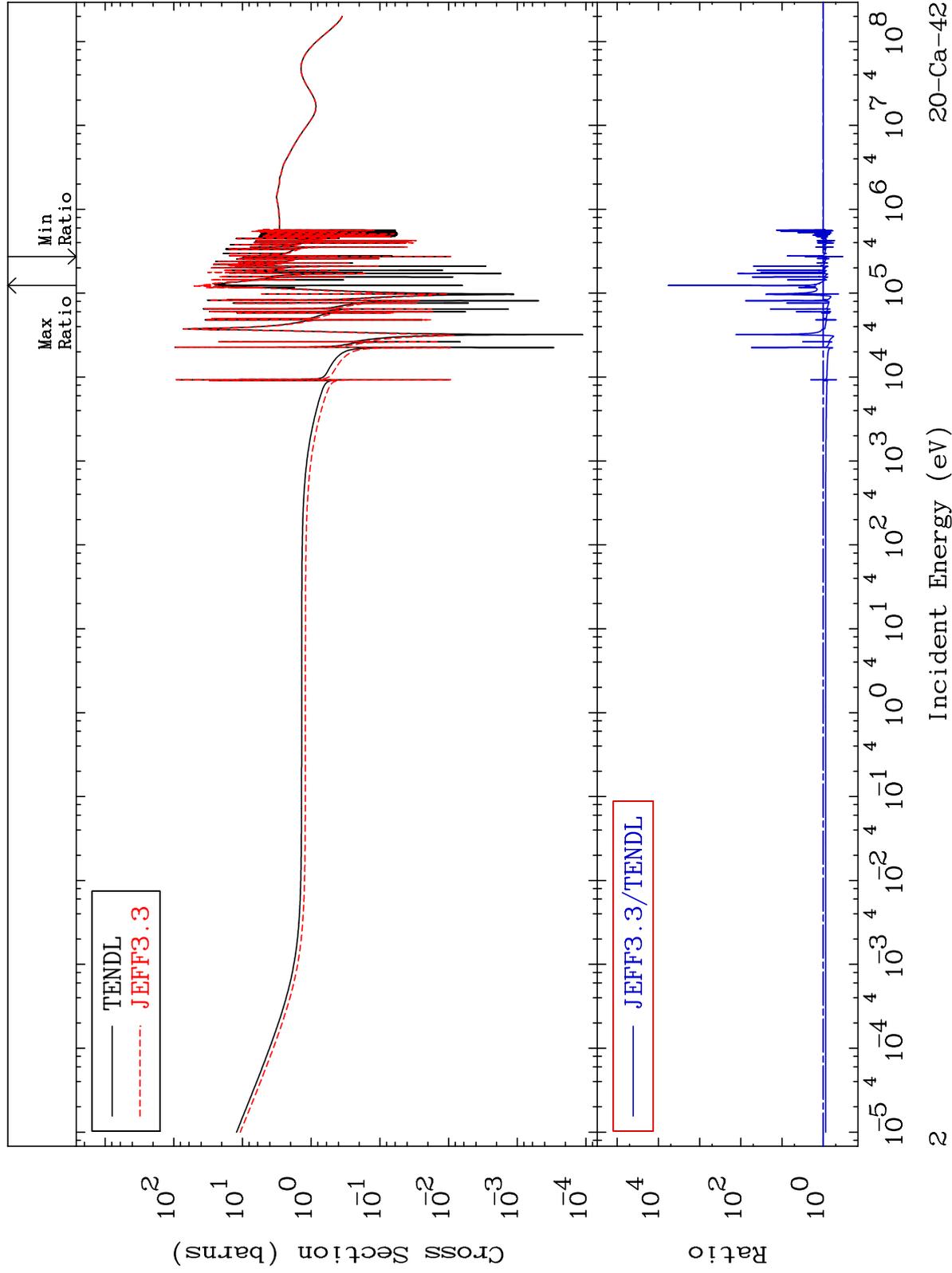
MAT 2031

Elastic

Cross Section

20-Ca-42

-66.68 To 9999. %



20-Ca-42

Incident Energy (eV)

2

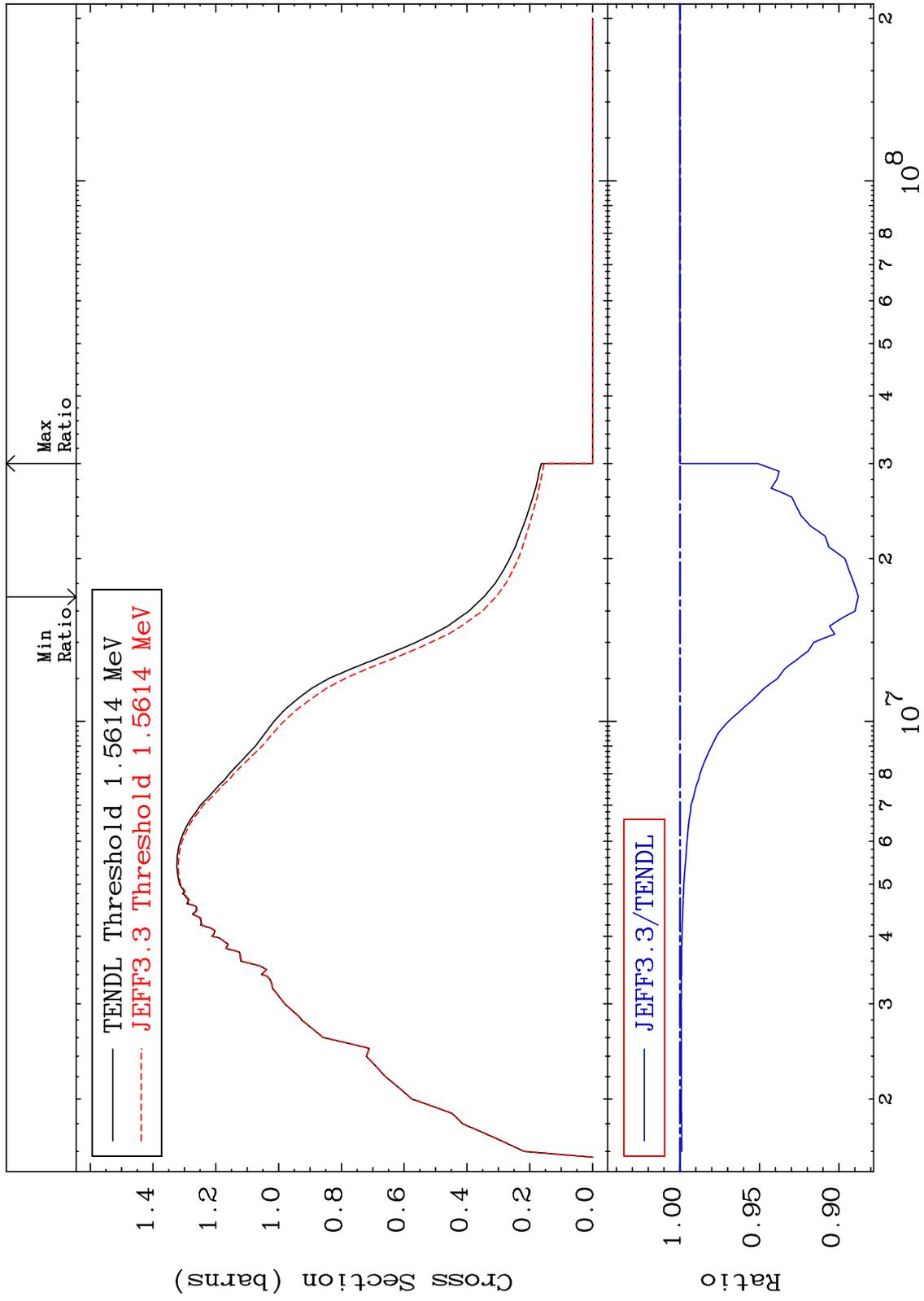
MAT 2031

Inelastic

20-Ca-42

Cross Section

-11.22 To 0.000 %



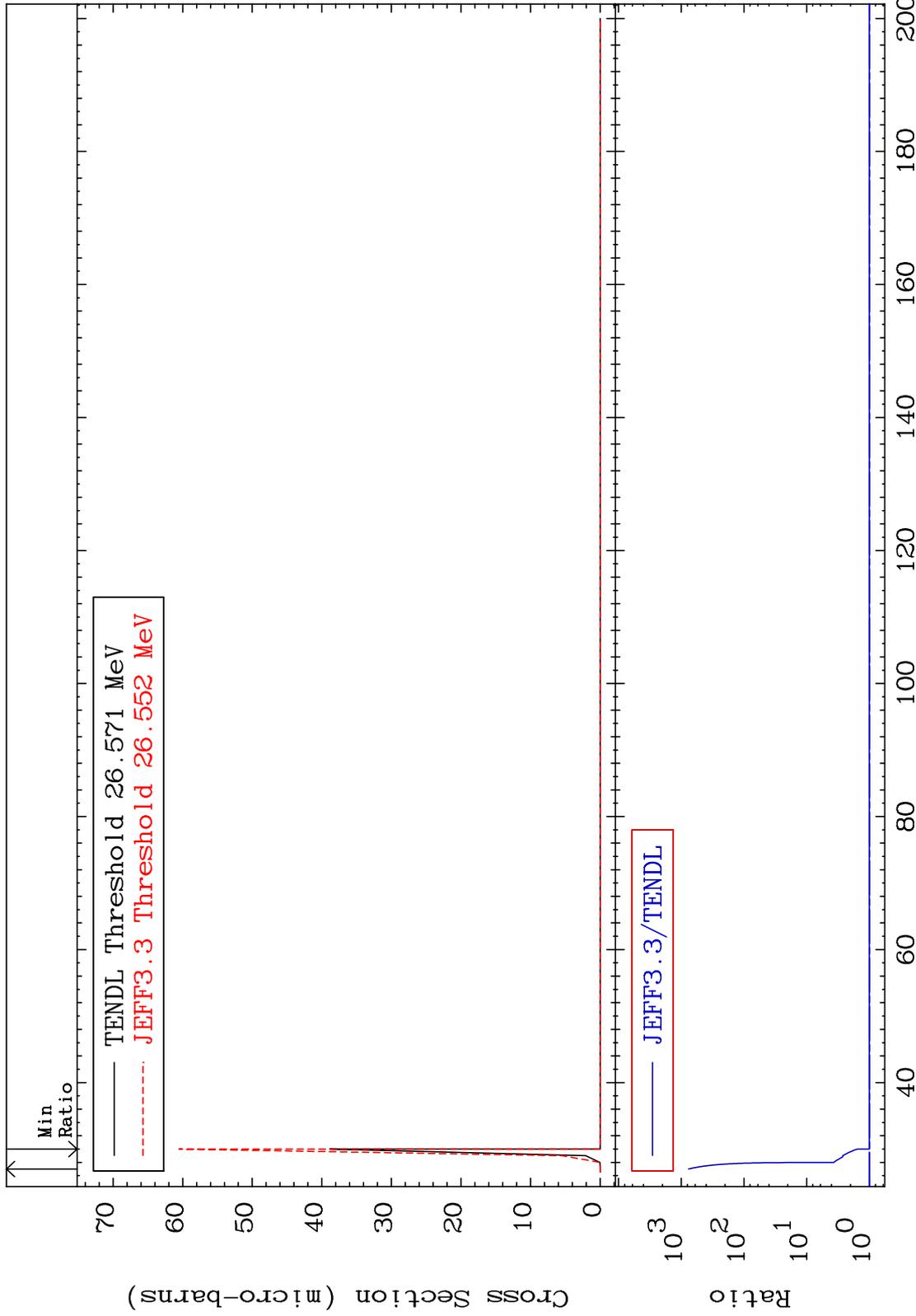
MAT 2031

(n,2n) d

20-Ca-42

Cross Section

0.000 To 9999. %



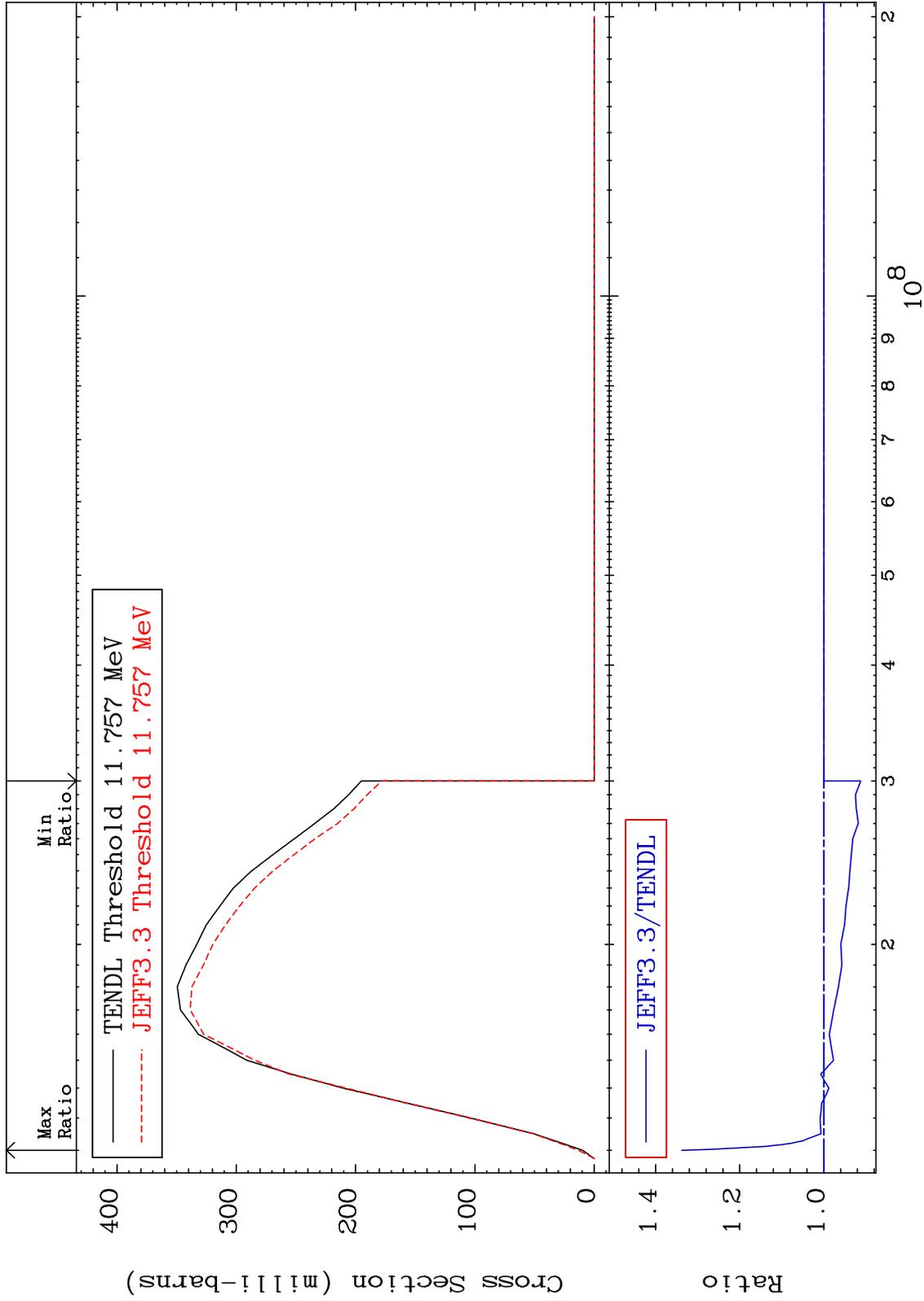
MAT 2031

(n,2n)

20-Ca-42

Cross Section

-8.772 To 33.80 %



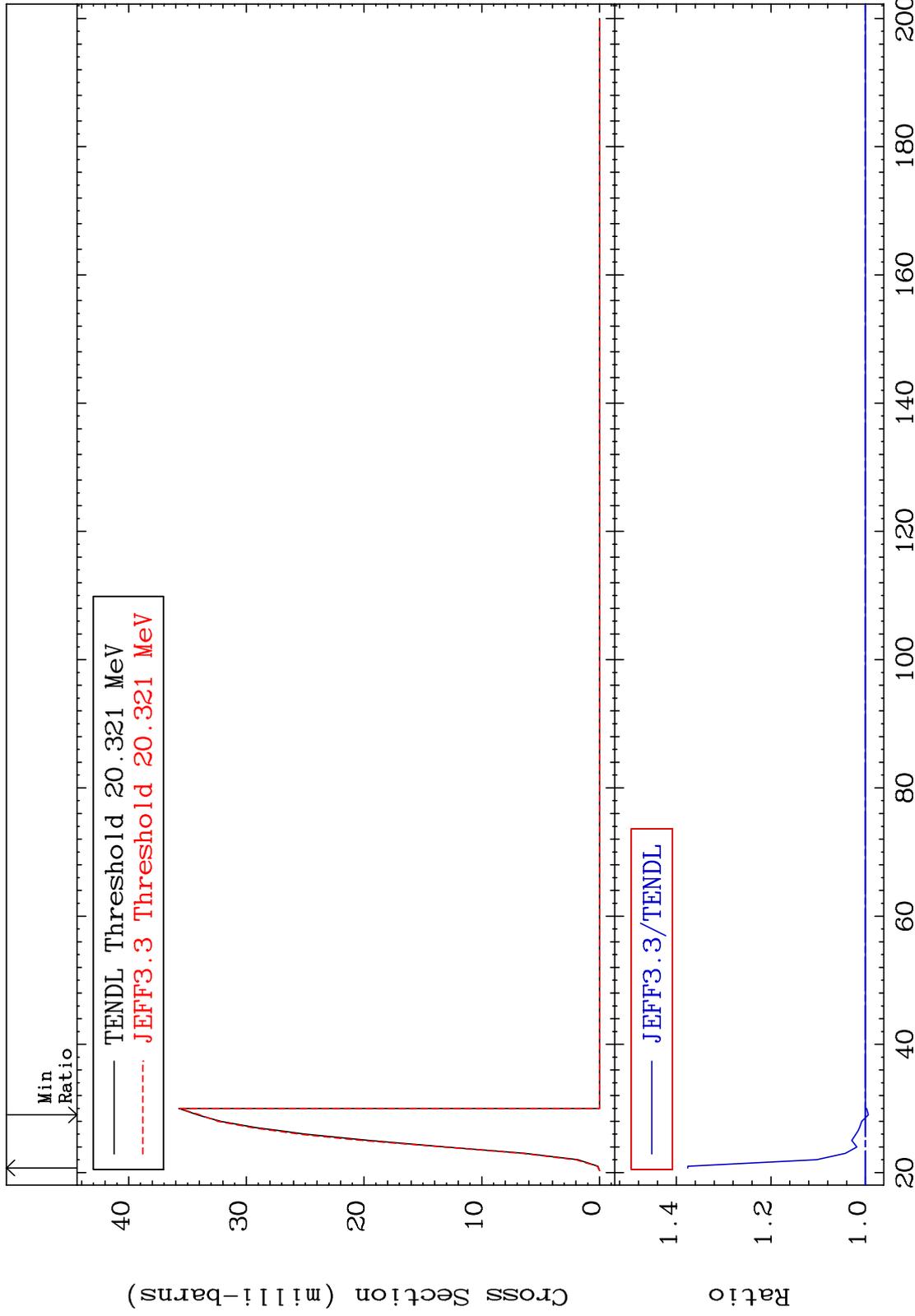
MAT 2031

(n,3n)

20-Ca-42

Cross Section

-0.604 To 37.57 %



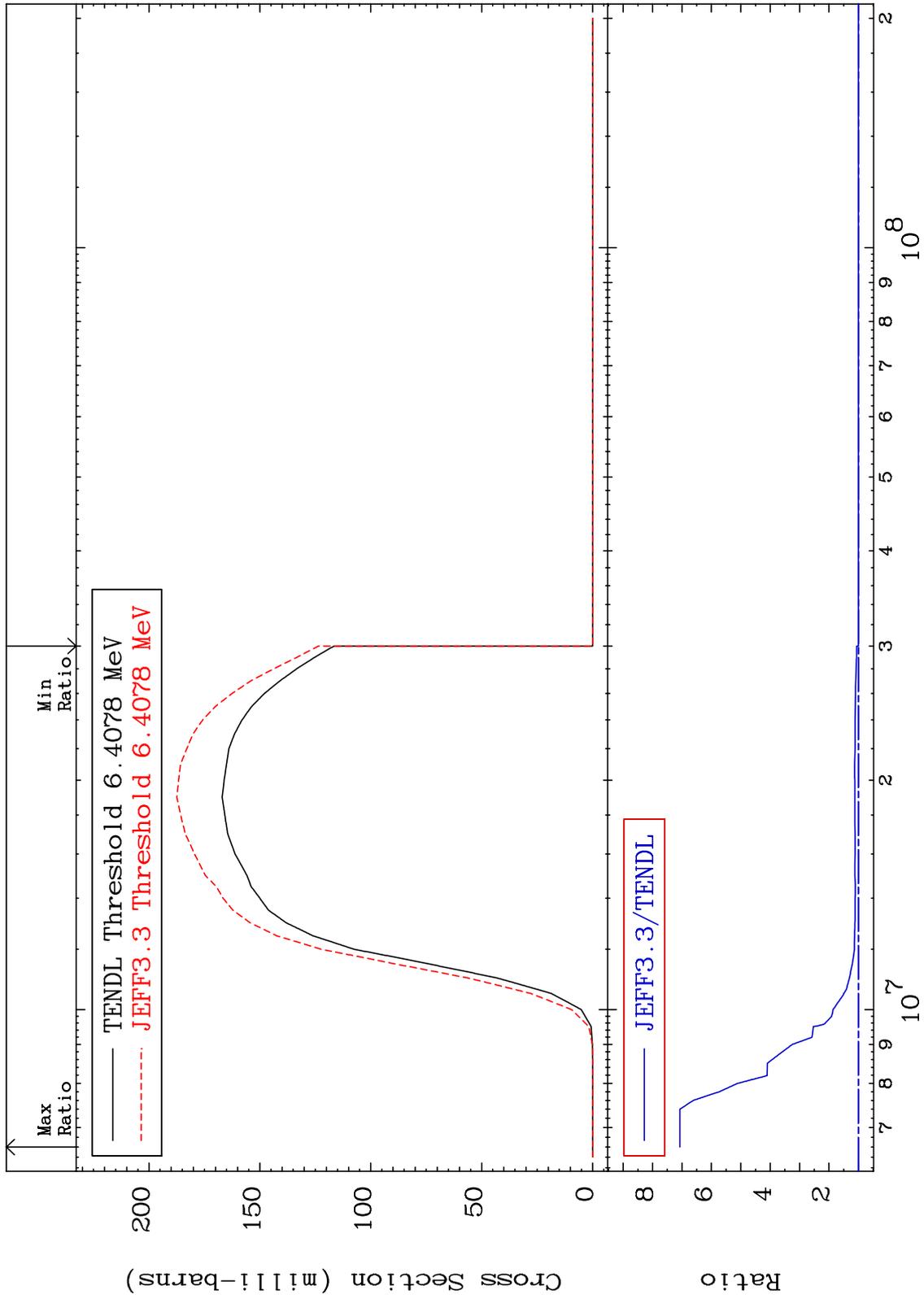
MAT 2031

(n,n') α

20-Ca-42

Cross Section

0.000 To 606.9 %



MAT 2031

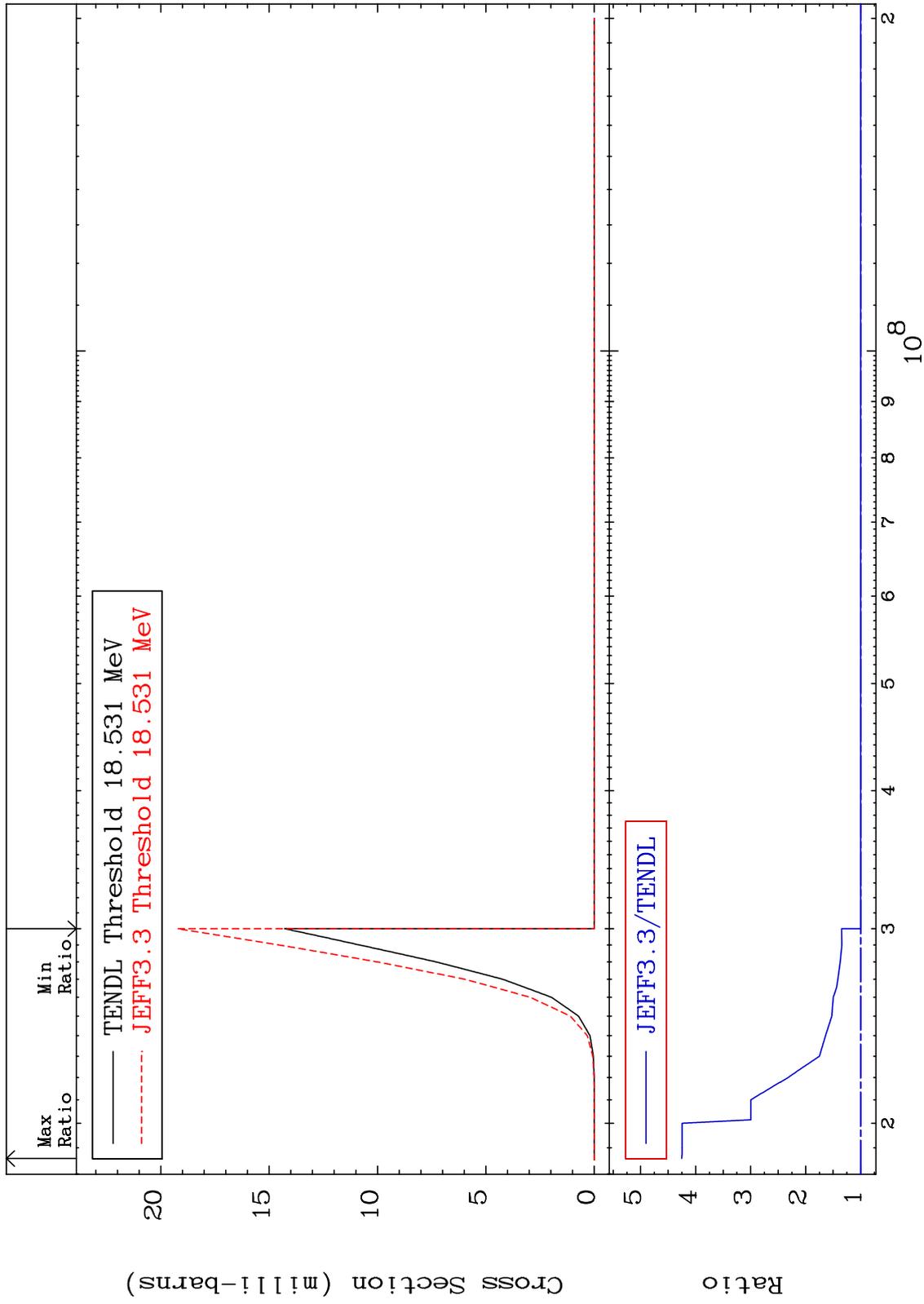
(n,2n) α

20-Ca-42

Cross Section

0.000

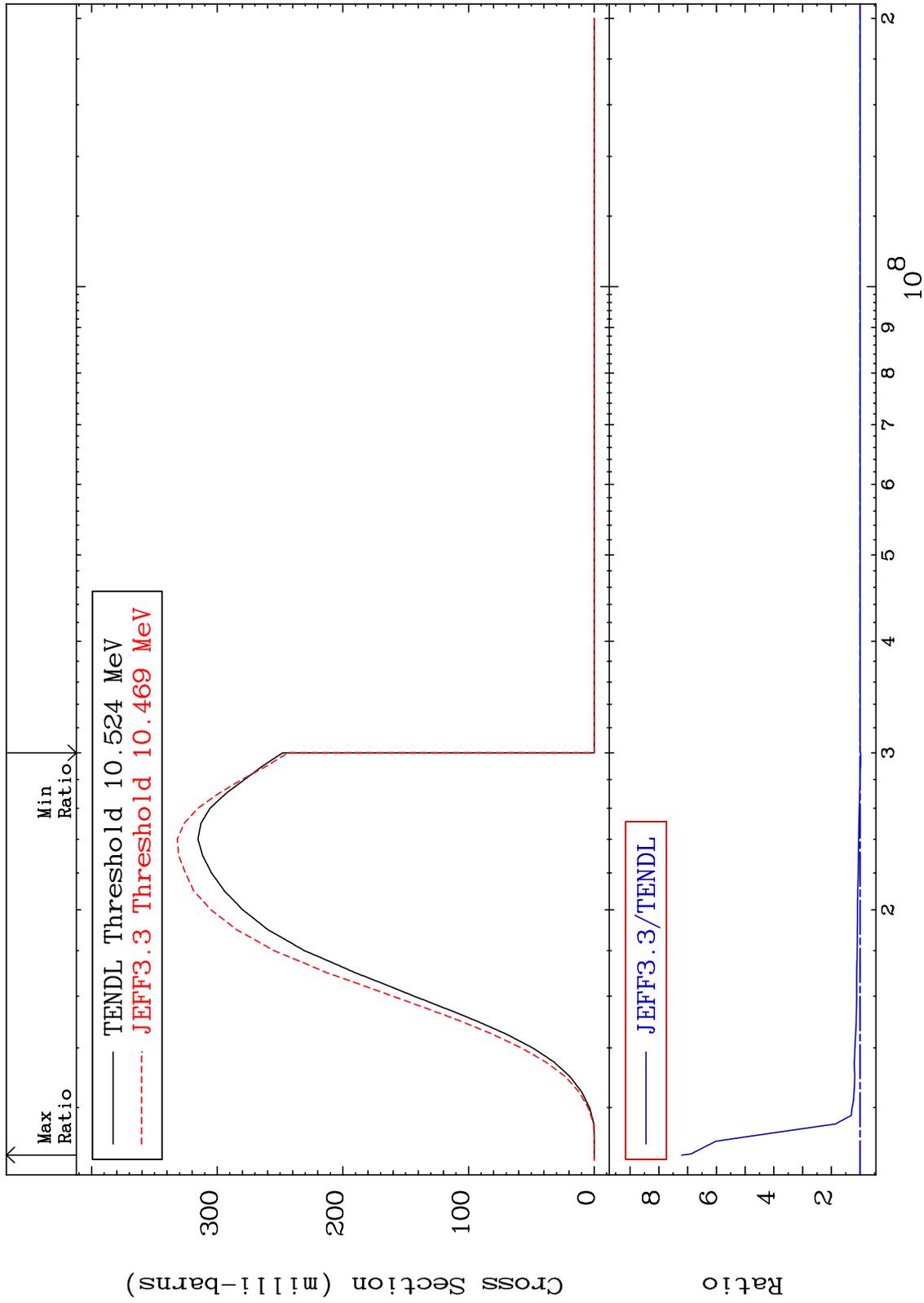
To 325.3 %



MAT 2031

(n,n') p
Cross Section

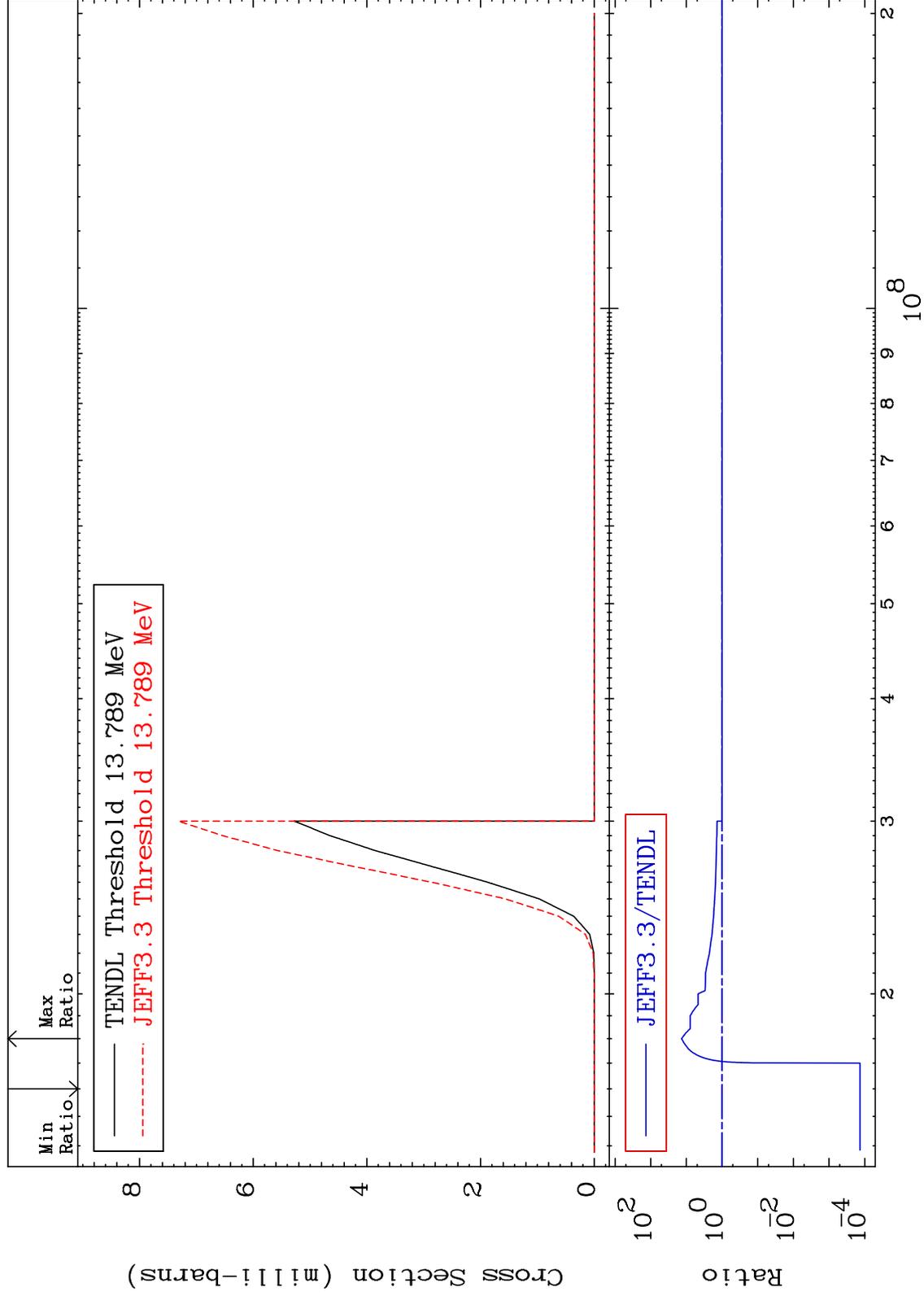
20-Ca-42
-1.732 To 620.3 %



MAT 2031

(n,n') 2α
Cross Section

20-Ca-42
-99.99 To 1266. %



10

Incident Energy (eV)

20-Ca-42

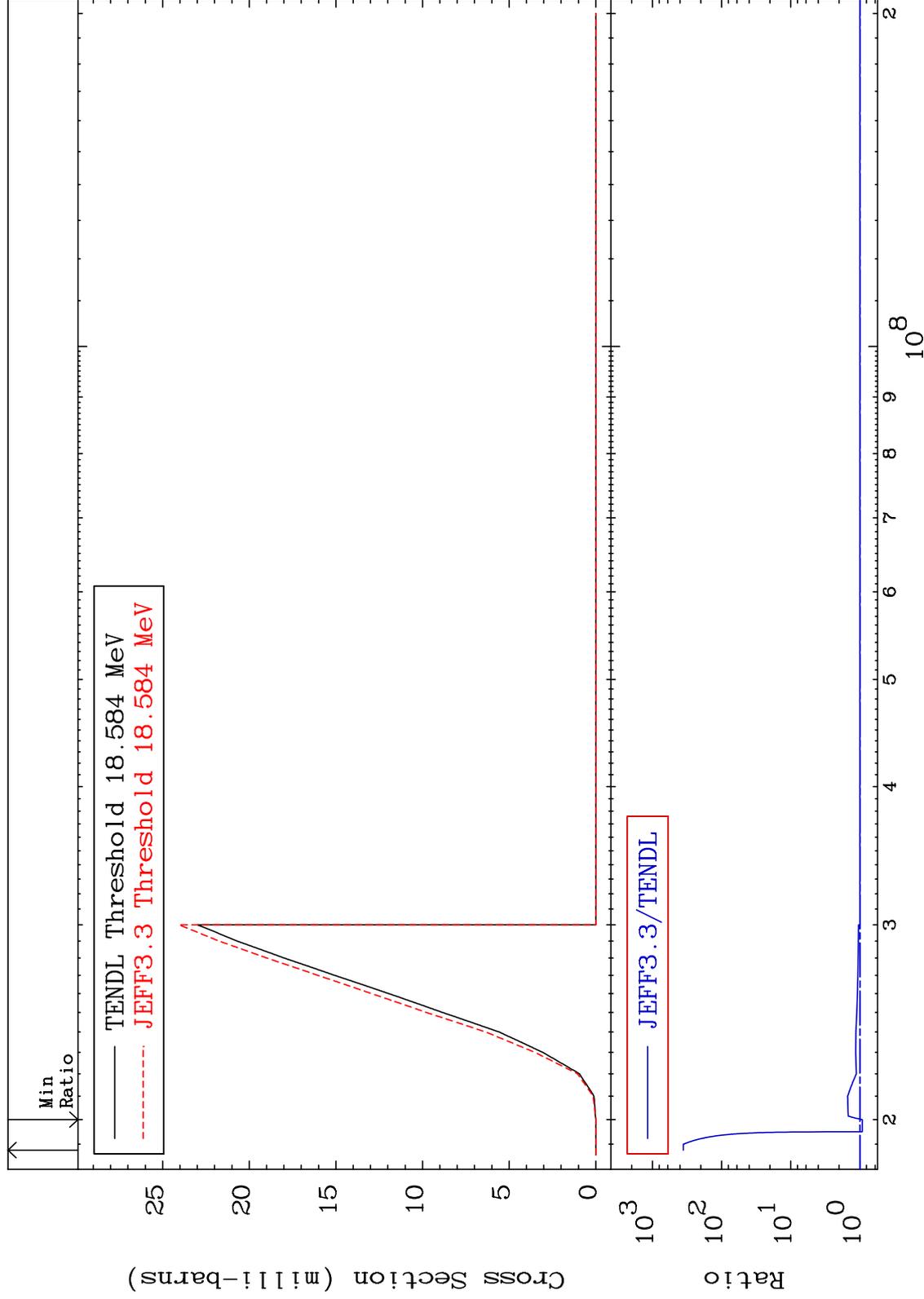
MAT 2031

(n,n') d

20-Ca-42

Cross Section

-7.960 To 9999. %



11

Incident Energy (eV)

20-Ca-42

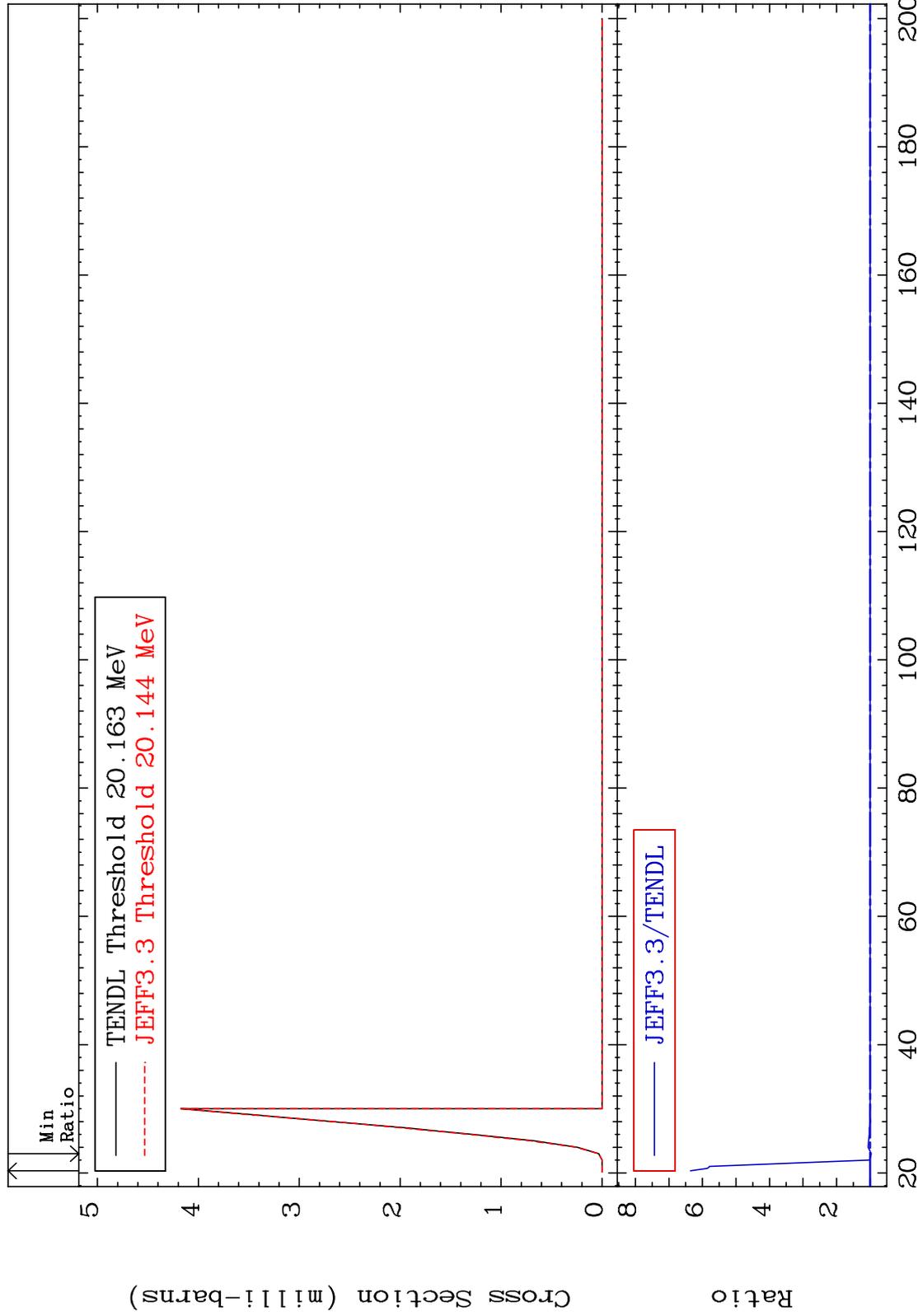
MAT 2031

(n,n') t

20-Ca-42

Cross Section

-3.672 To 535.5 %



20-Ca-42

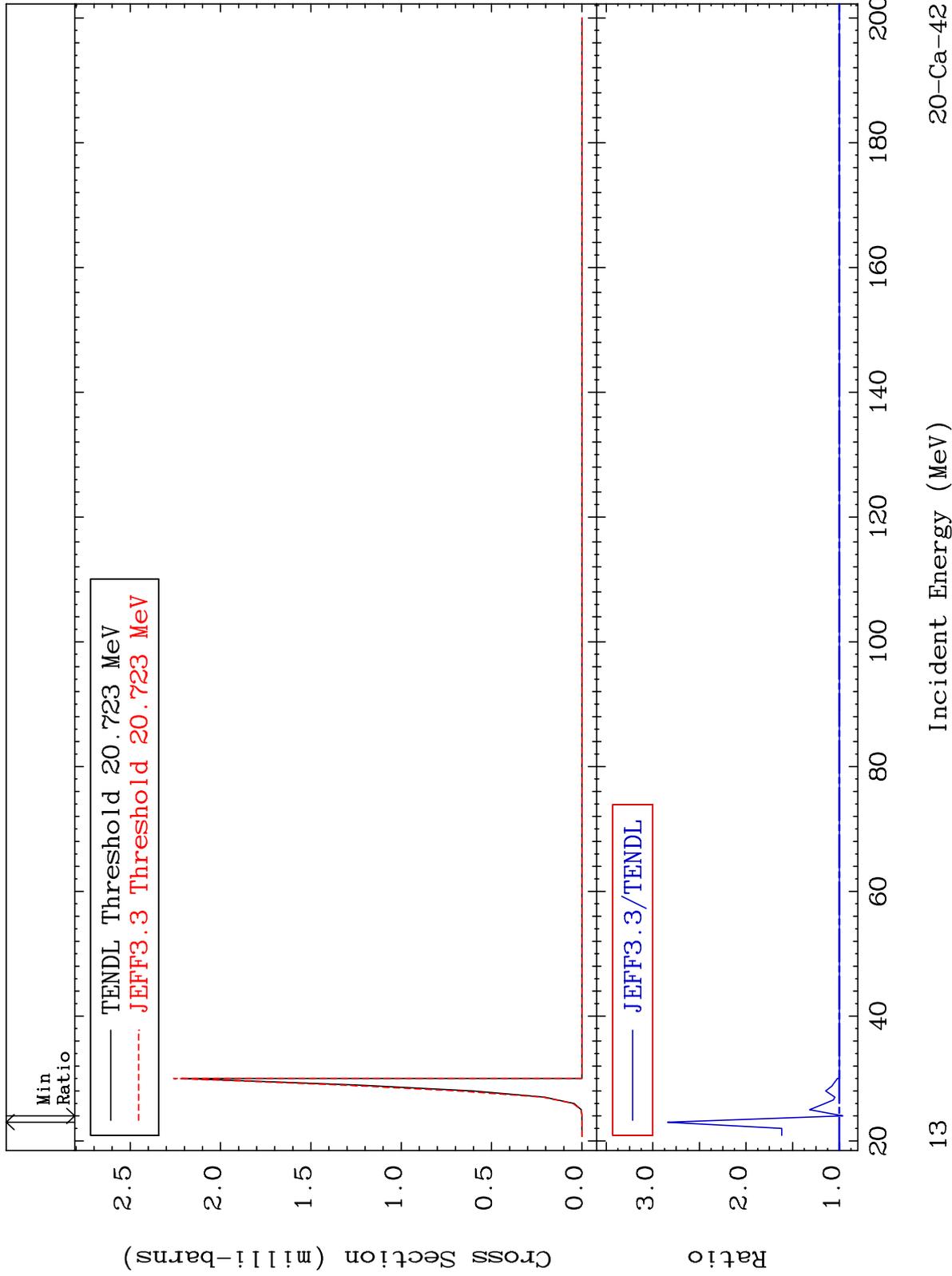
Incident Energy (MeV)

12

MAT 2031

(n, n') He-3
Cross Section

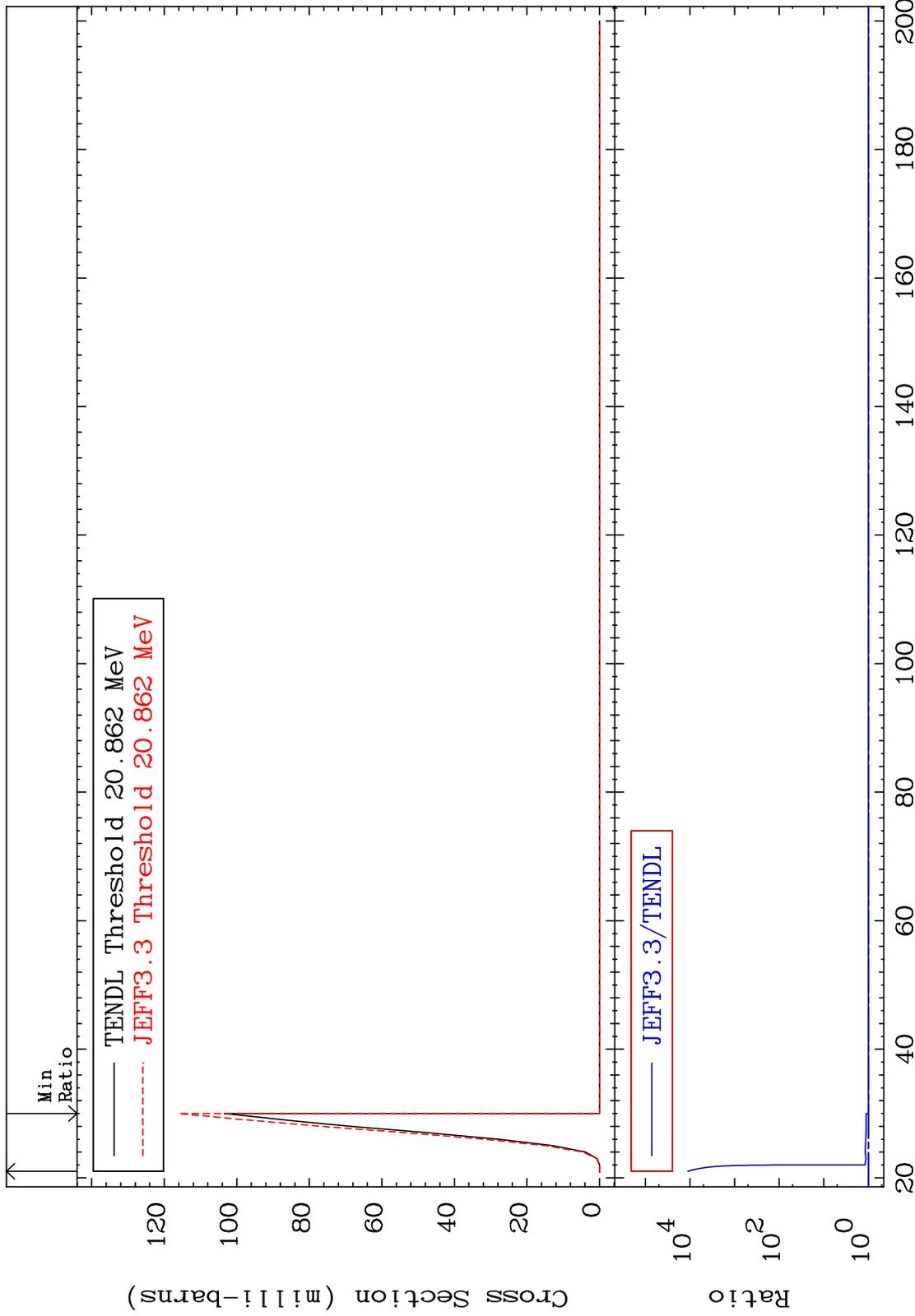
20-Ca-42
-3.833 To 184.1 %



MAT 2031

(n,2n) p
Cross Section

0.000 To 9999. %
20-Ca-42

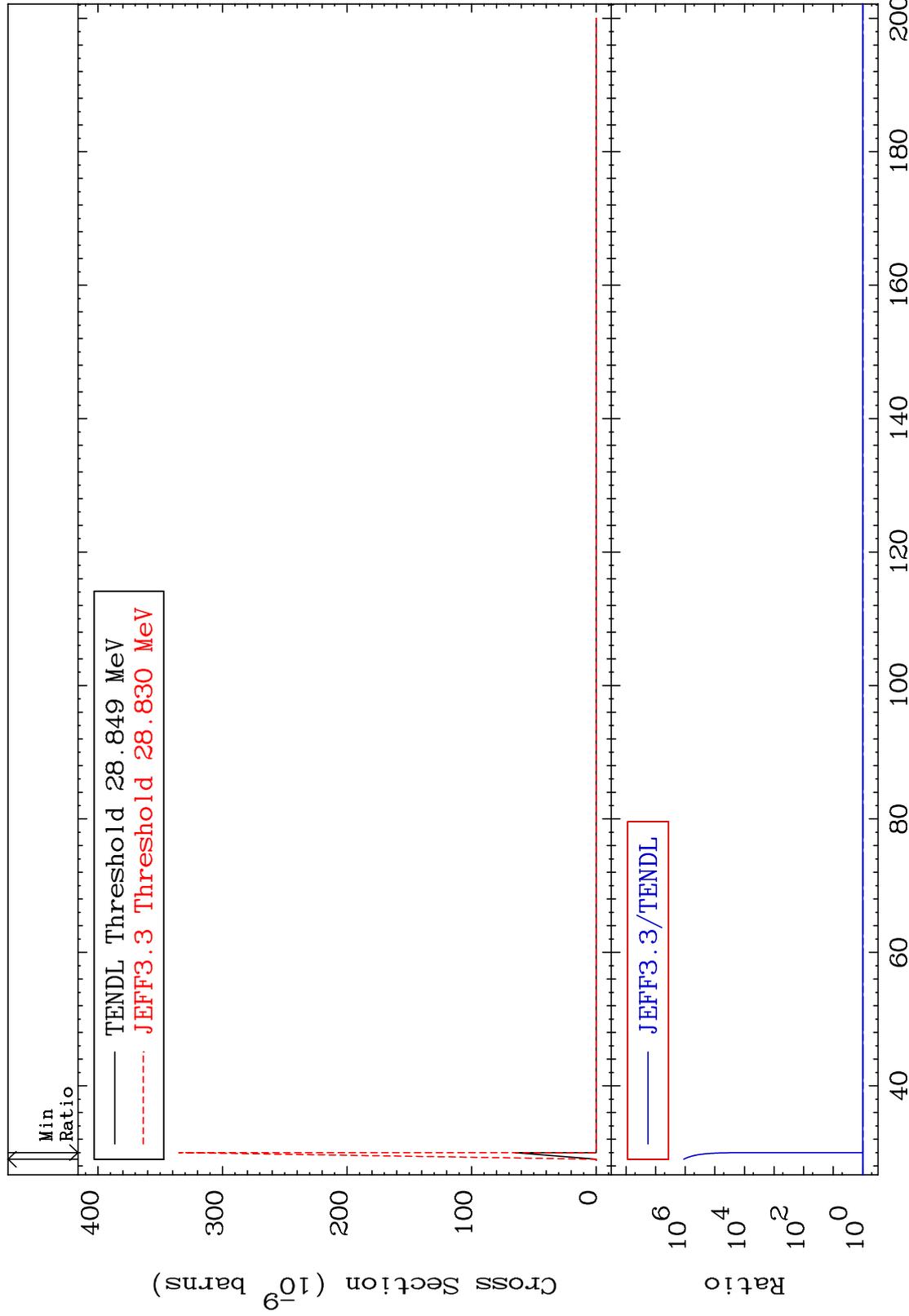


Incident Energy (MeV) 20-Ca-42

MAT 2031

(n,3n) p
Cross Section

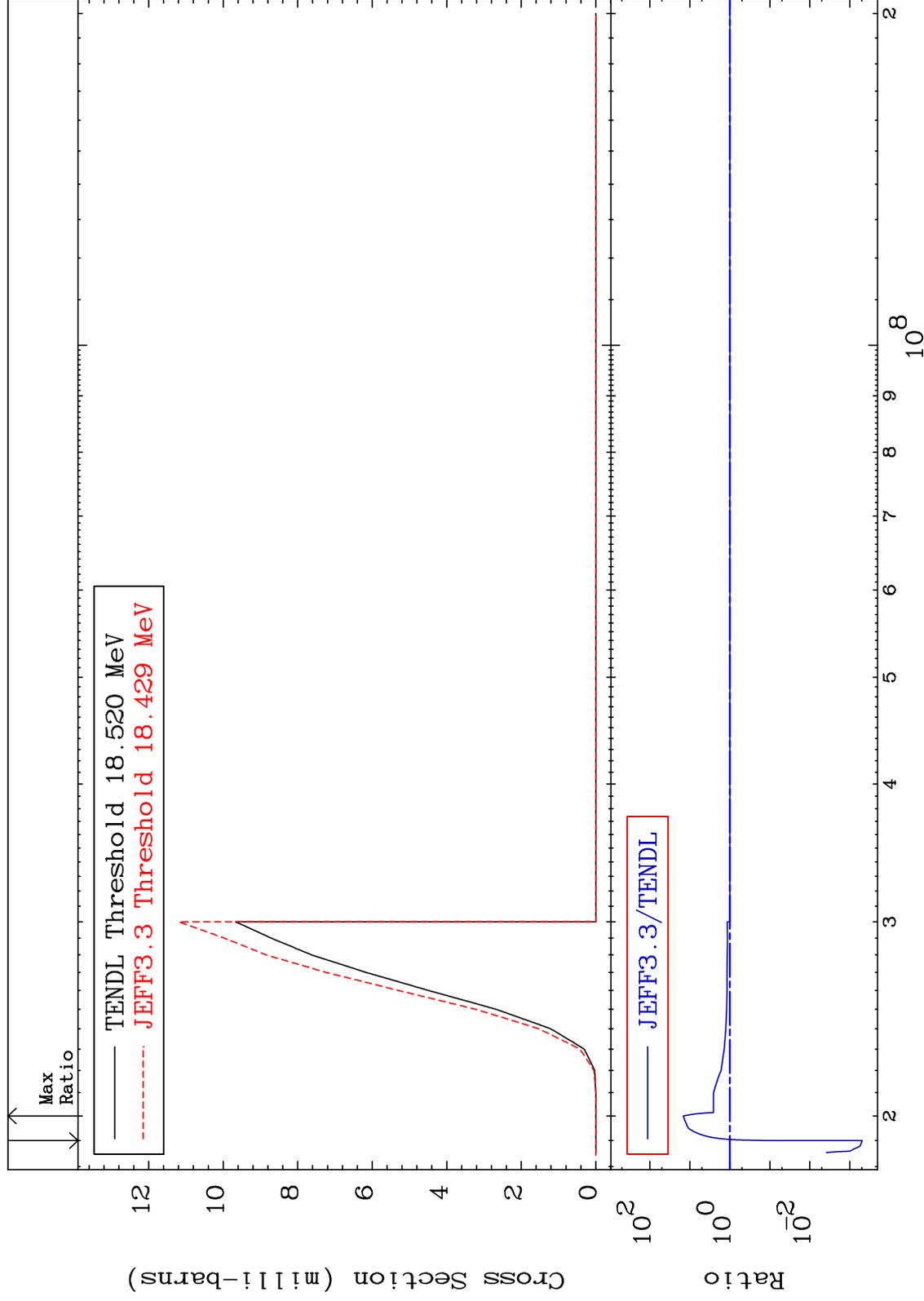
0.000 To 9999. %
20-Ca-42



MAT 2031

(n,2n) p
Cross Section

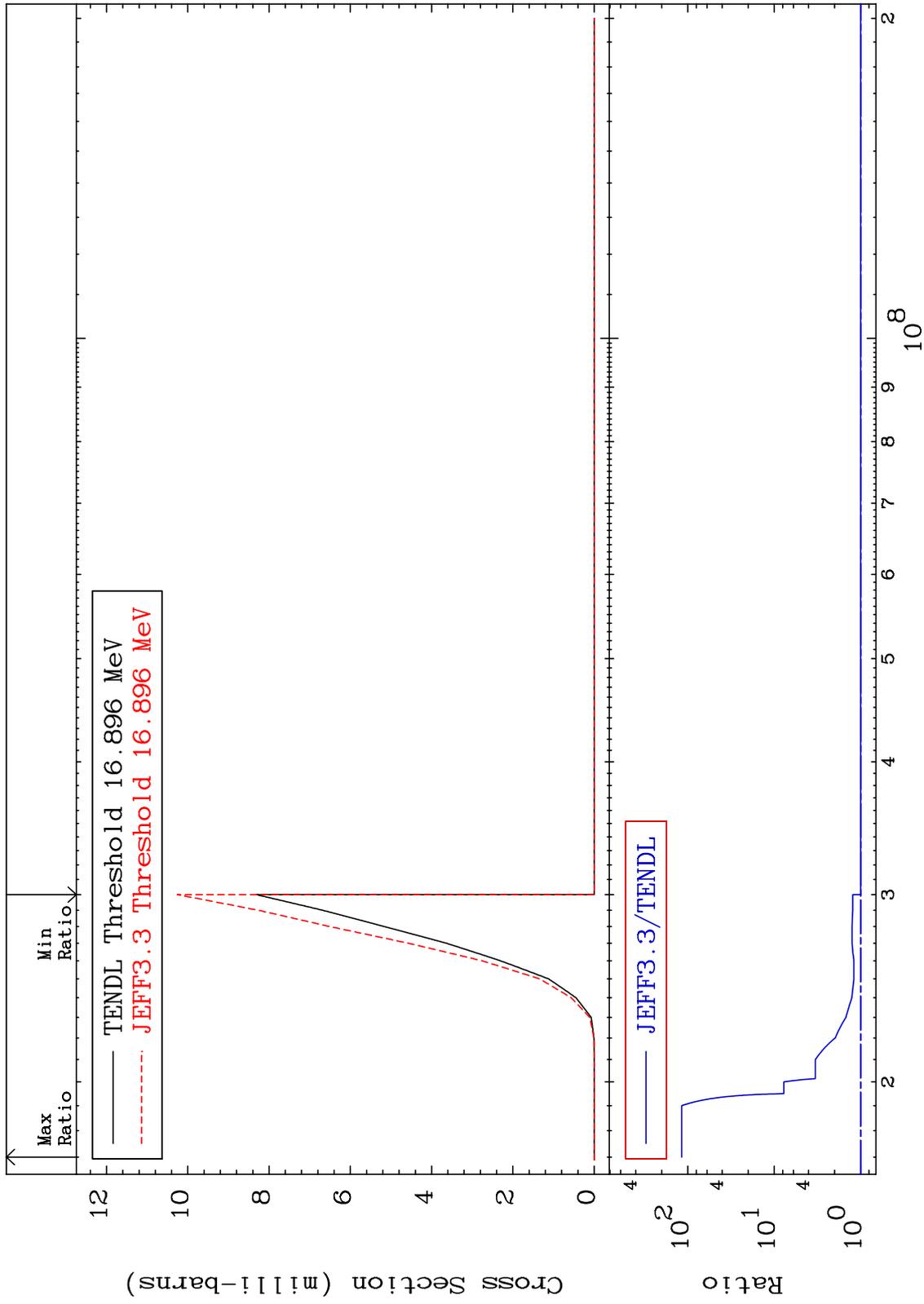
20-Ca-42
-99.95 To 1351. %



MAT 2031

(n,n') p α
Cross Section

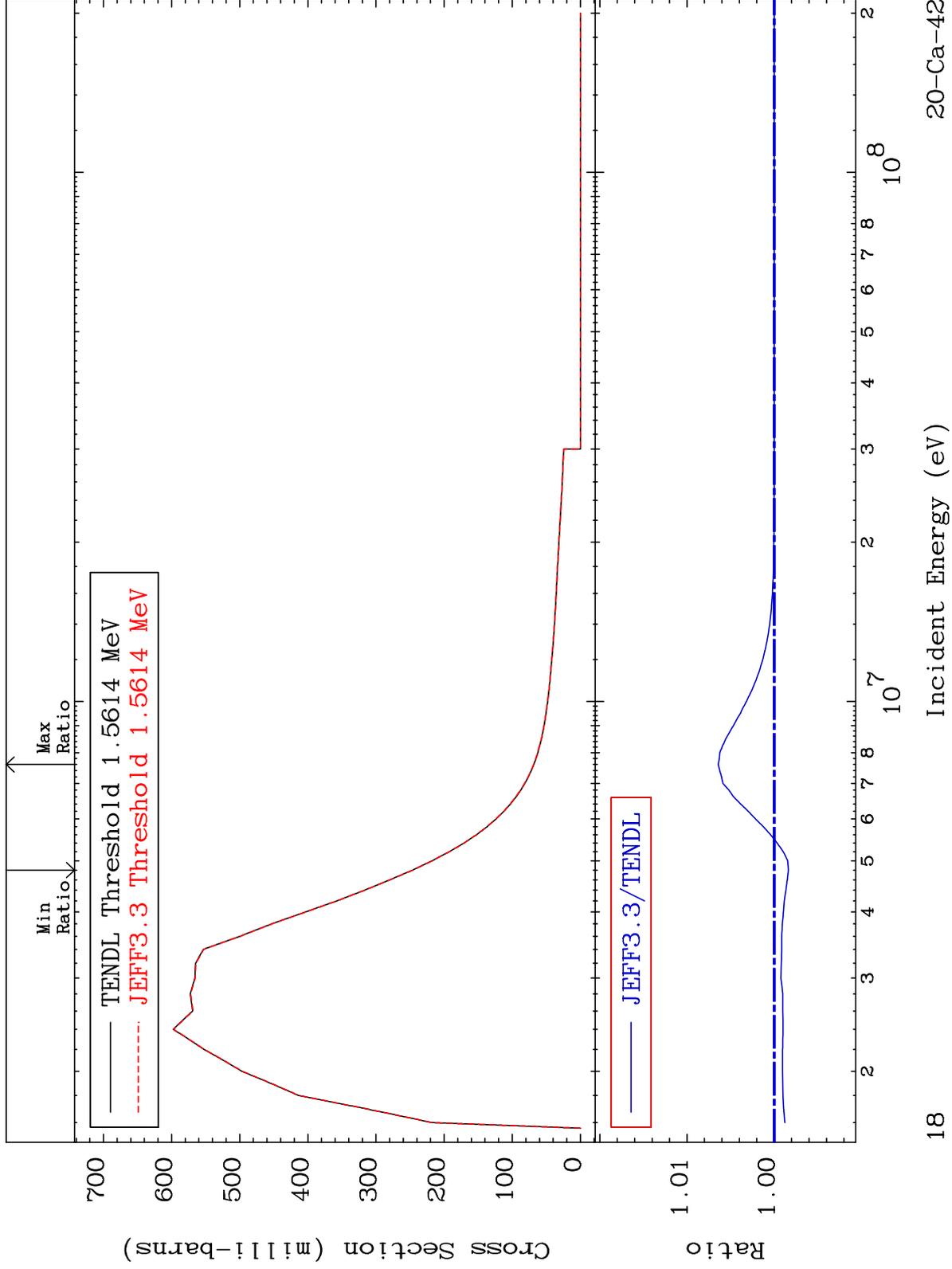
20-Ca-42
0.000 To 9999. %



MAT 2031

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

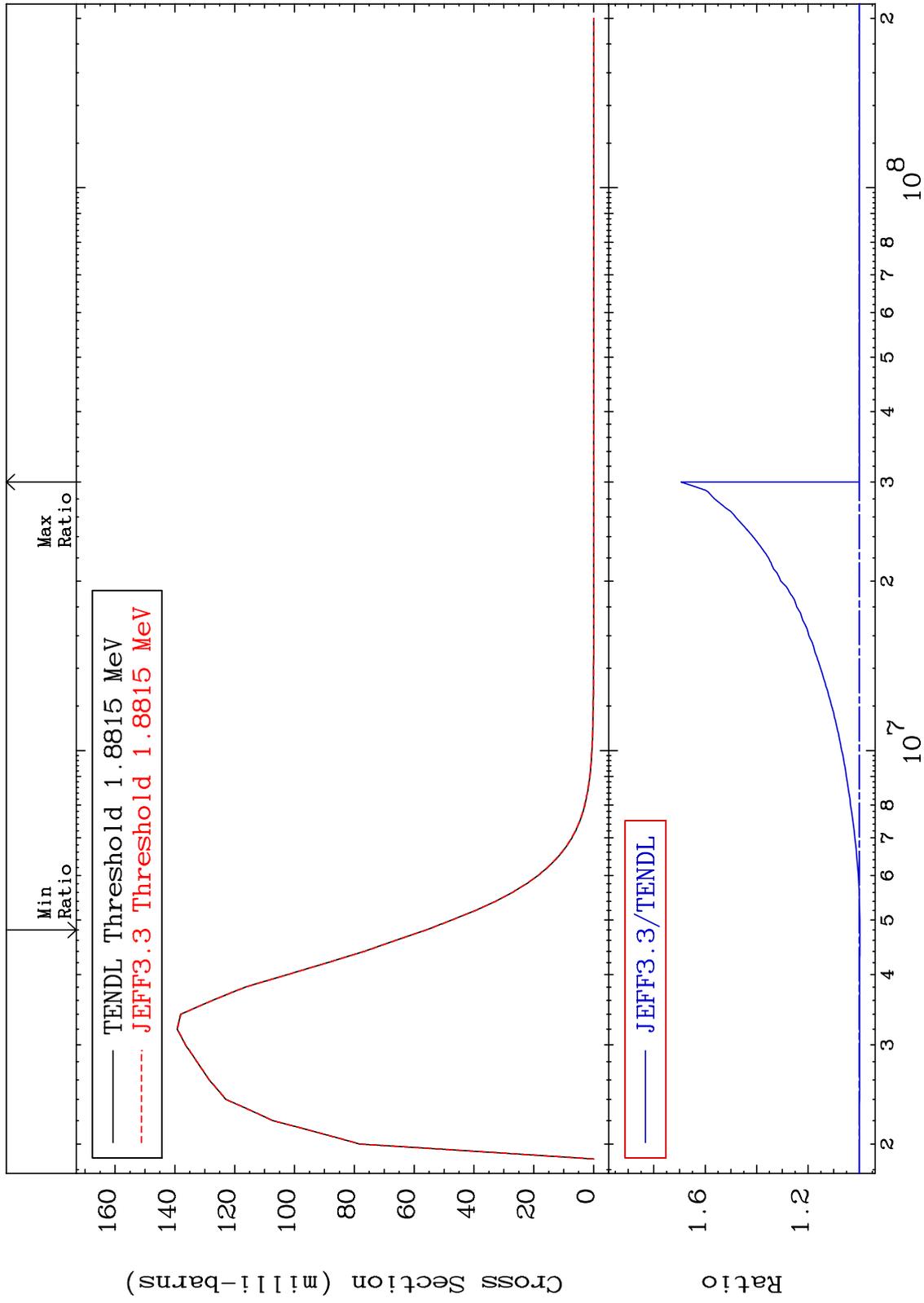
20-Ca-42
-0.163 To 0.641 %



MAT 2031

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

20-Ca-42
-0.191 To 69.38 %



19

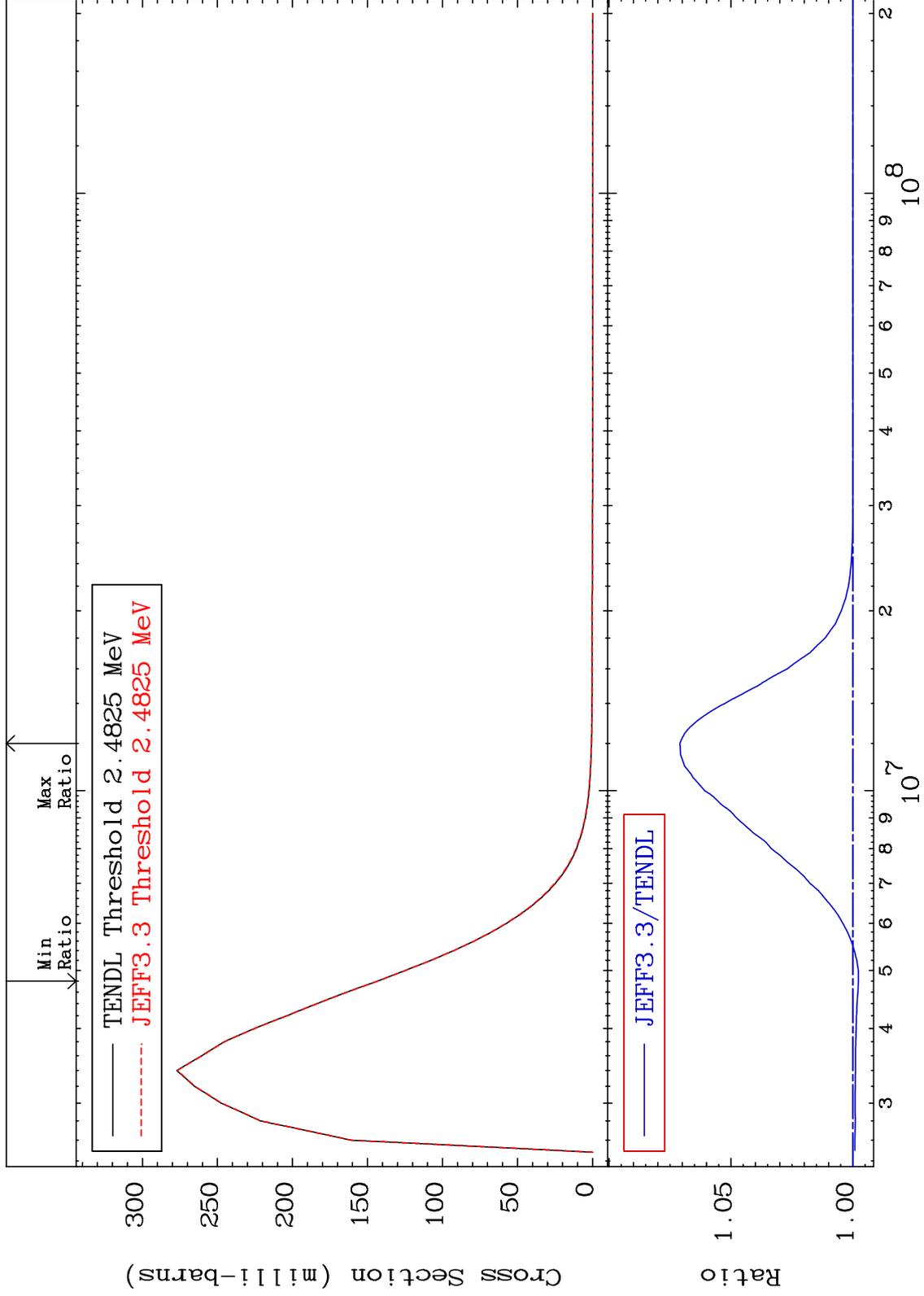
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-0.223 To 7.092 %



20

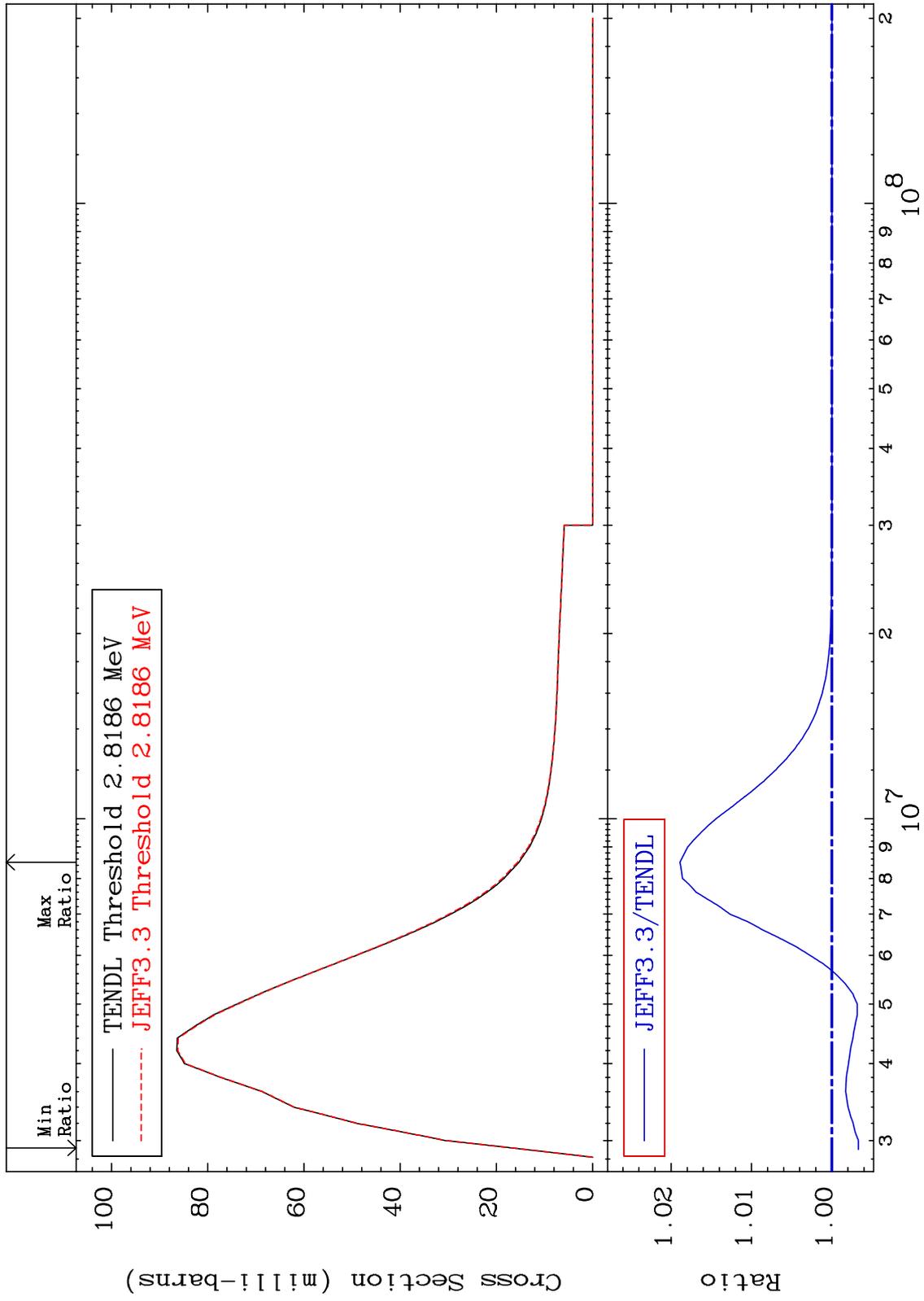
Incident Energy (eV)

20-Ca-42

MAT 2031

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

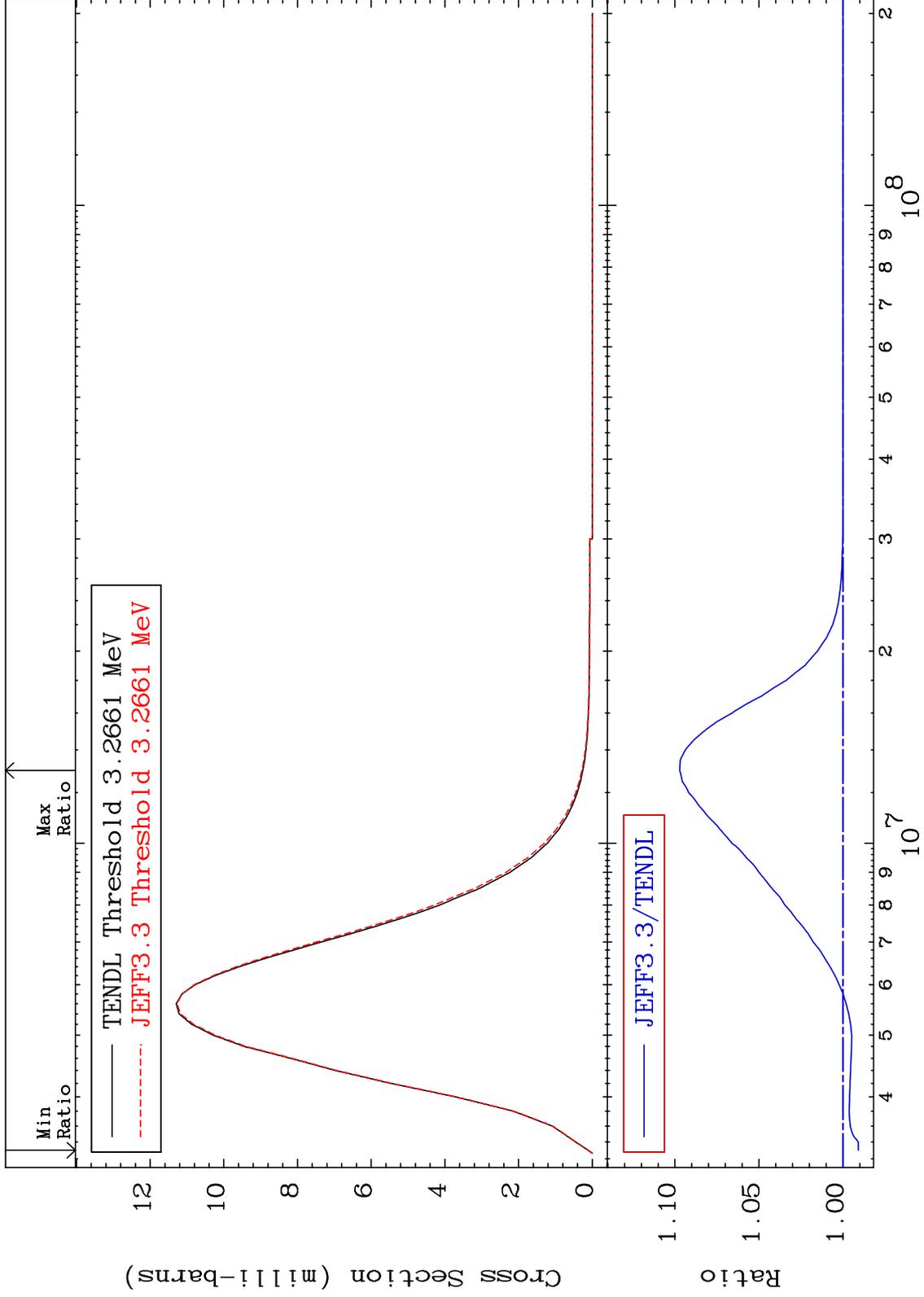
20-Ca-42
-0.330 To 1.890 %



MAT 2031

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

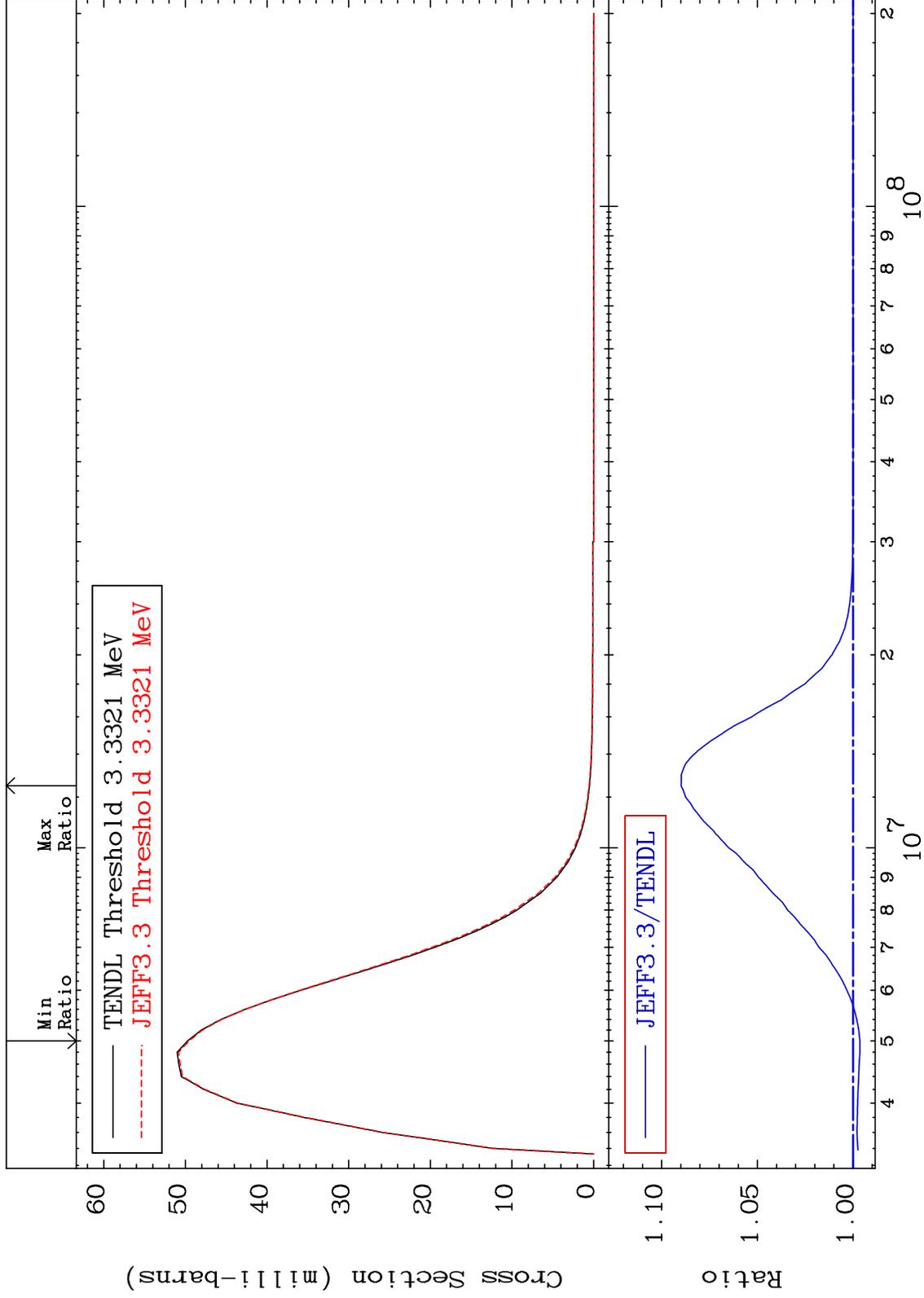
20-Ca-42
-0.916 To 9.716 %



MAT 2031

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

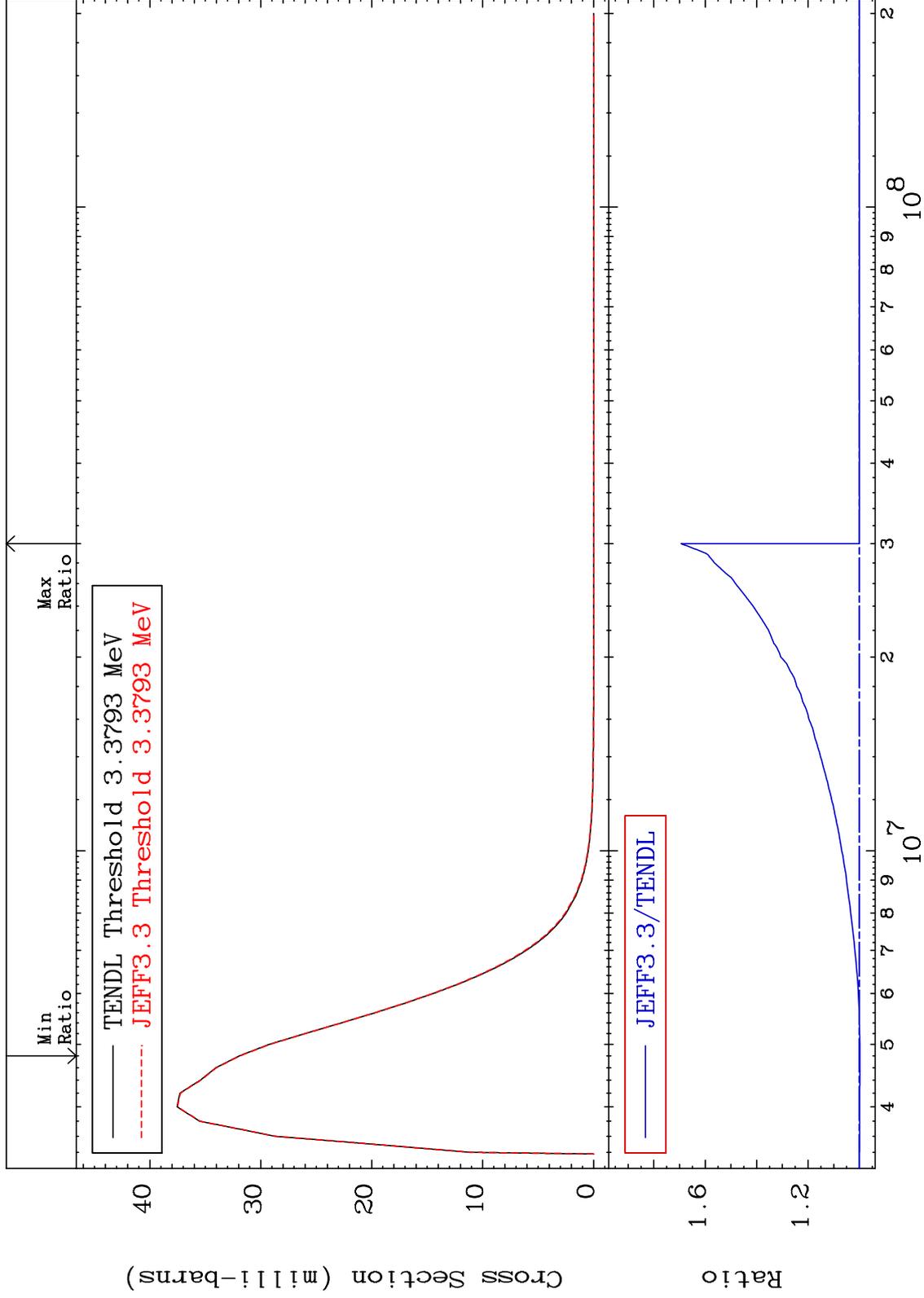
20-Ca-42
-0.358 To 8.984 %



MAT 2031

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

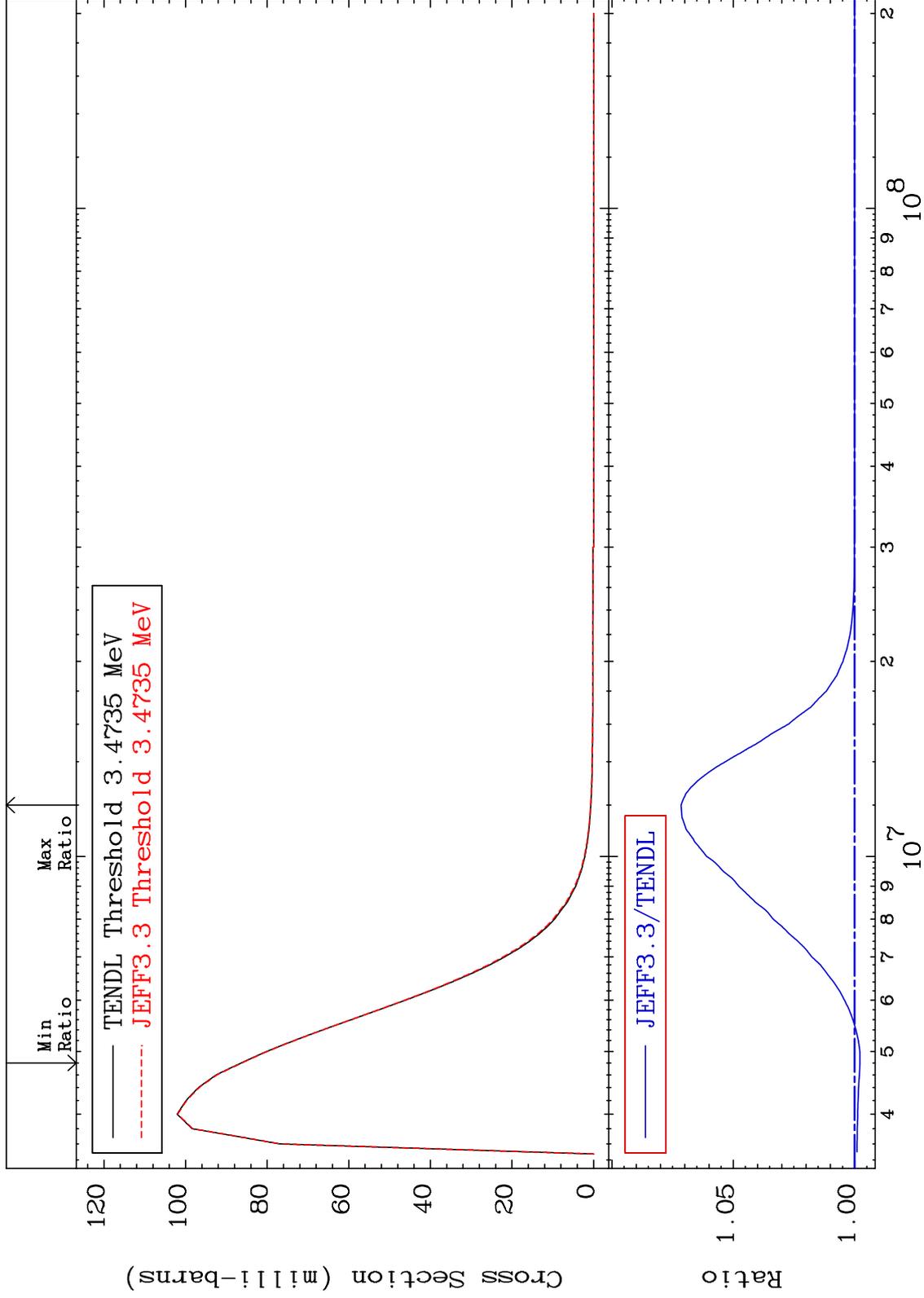
20-Ca-42
-0.175 To 69.38 %



MAT 2031

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

20-Ca-42
-0.218 To 7.150 %



25

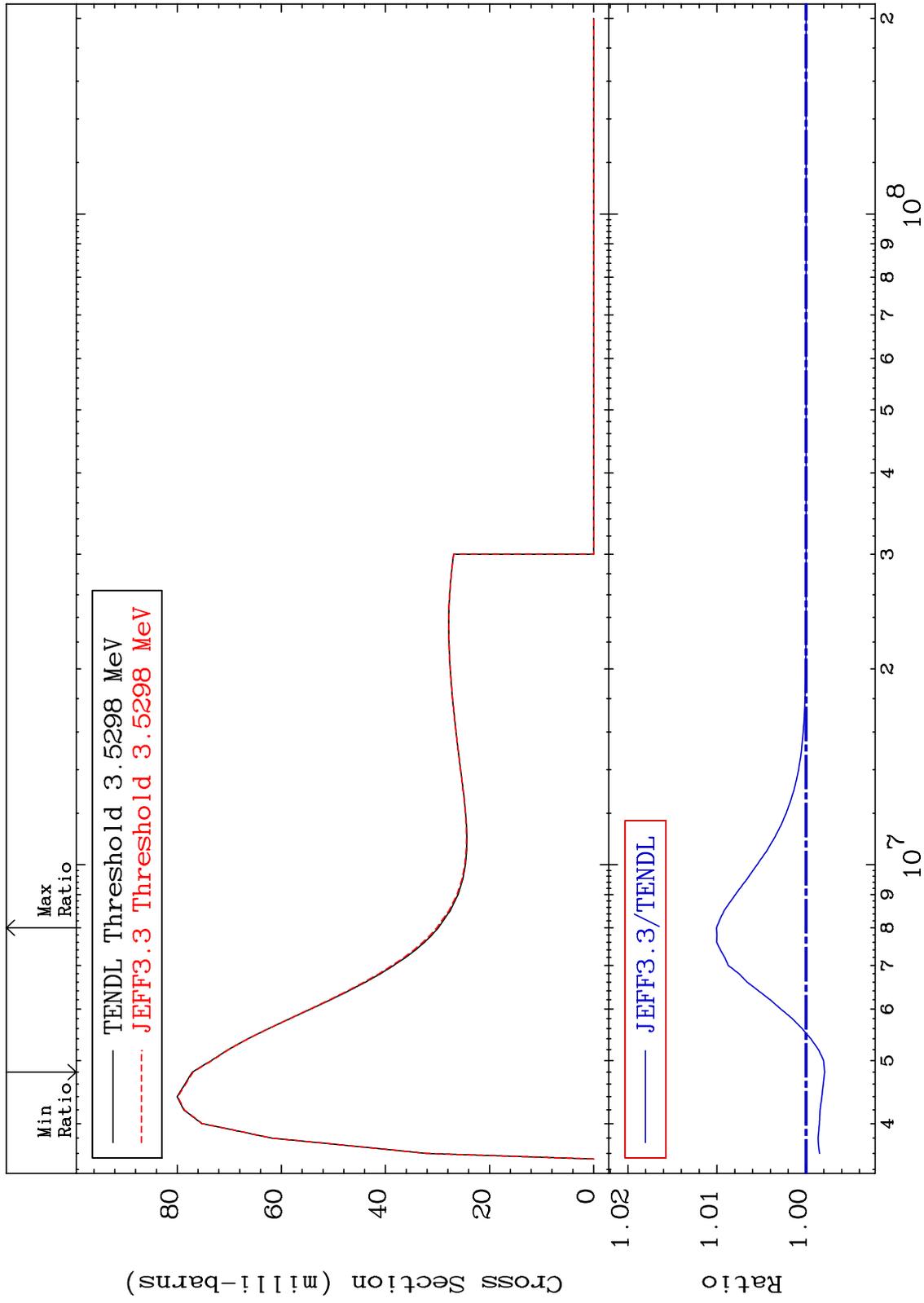
Incident Energy (eV)

20-Ca-42

MAT 2031

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

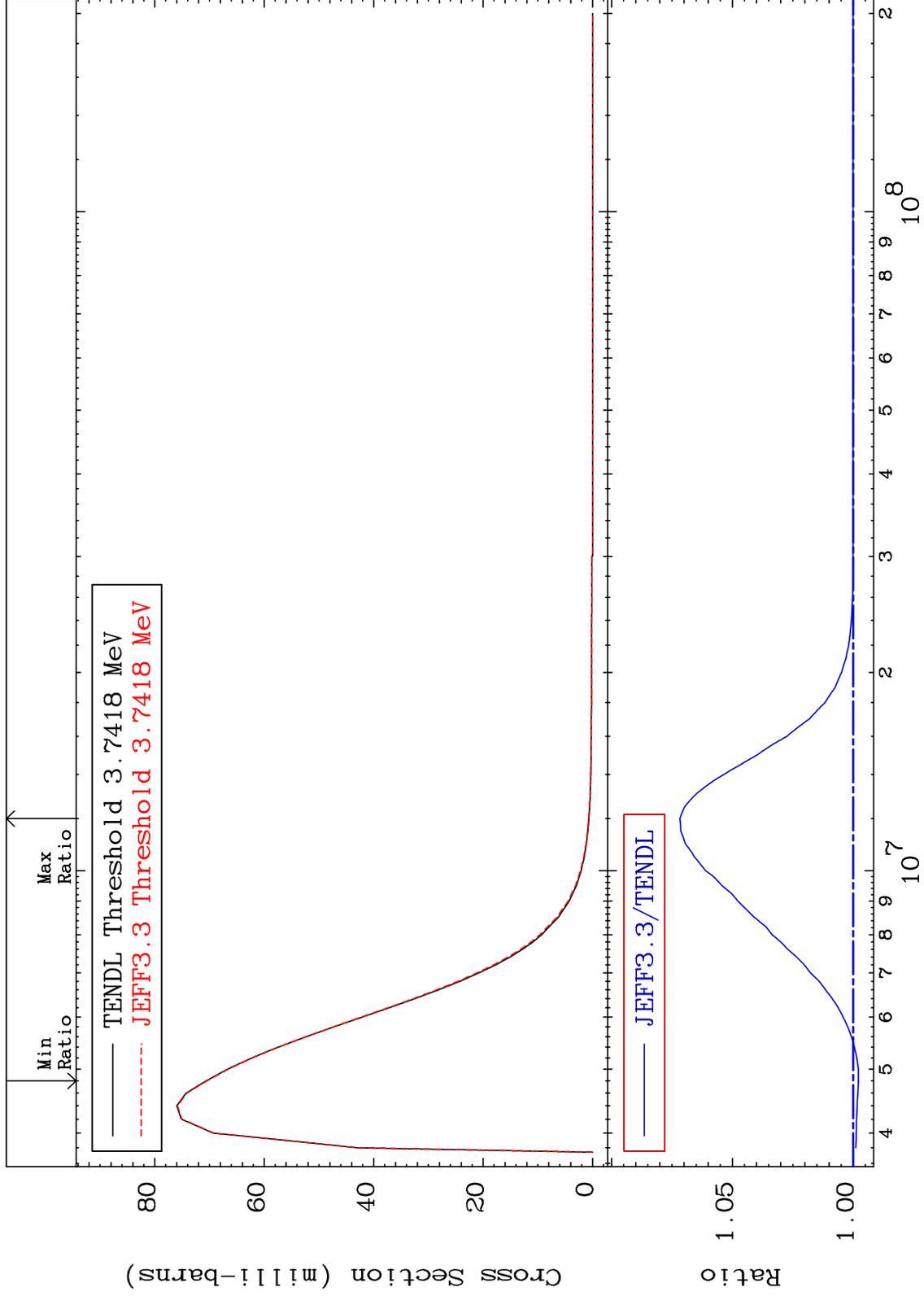
20-Ca-42
-0.209 To 1.006 %



MAT 2031

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

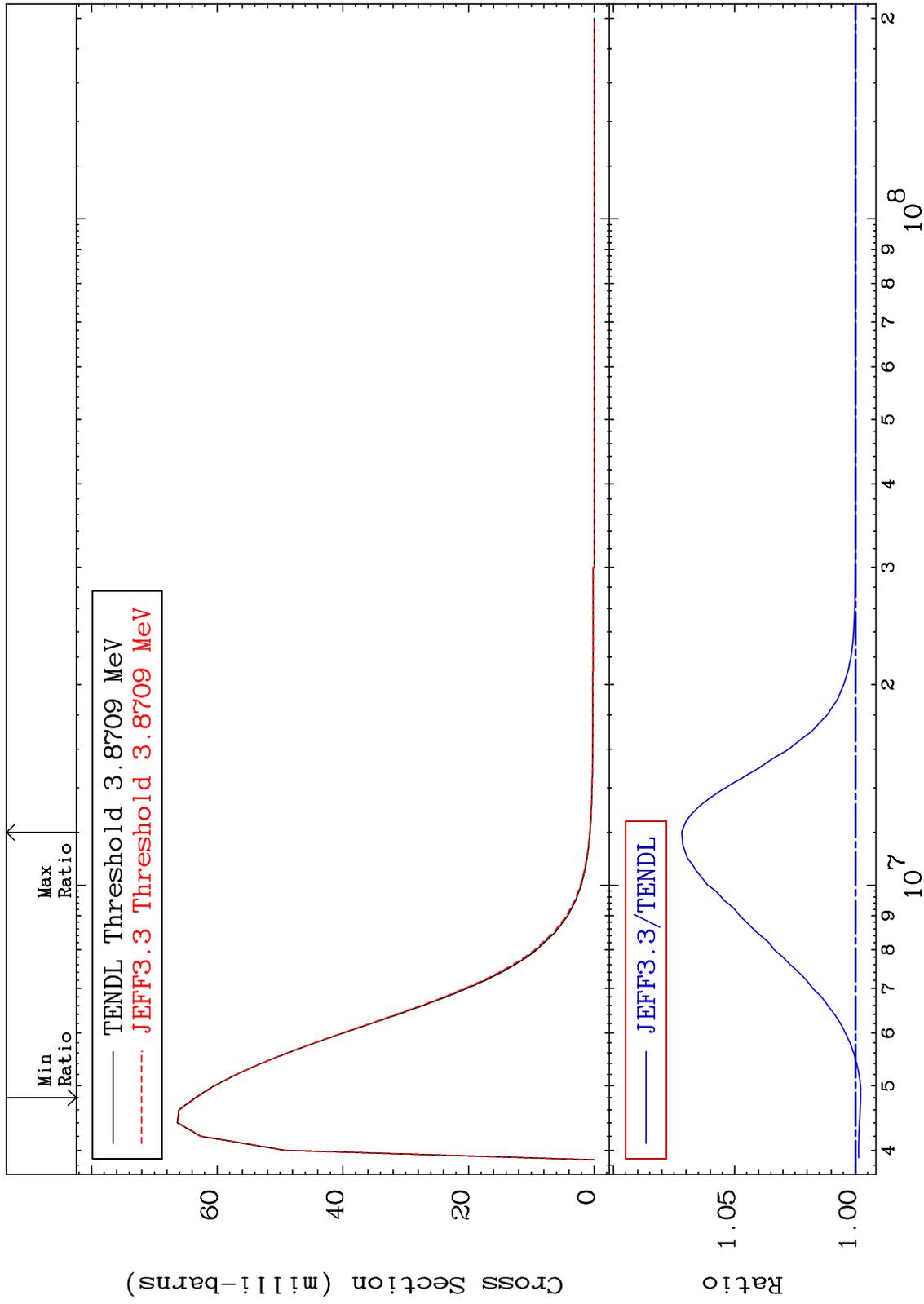
20-Ca-42
-0.214 To 7.170 %



MAT 2031

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

20-Ca-42
-0.212 To 7.181 %

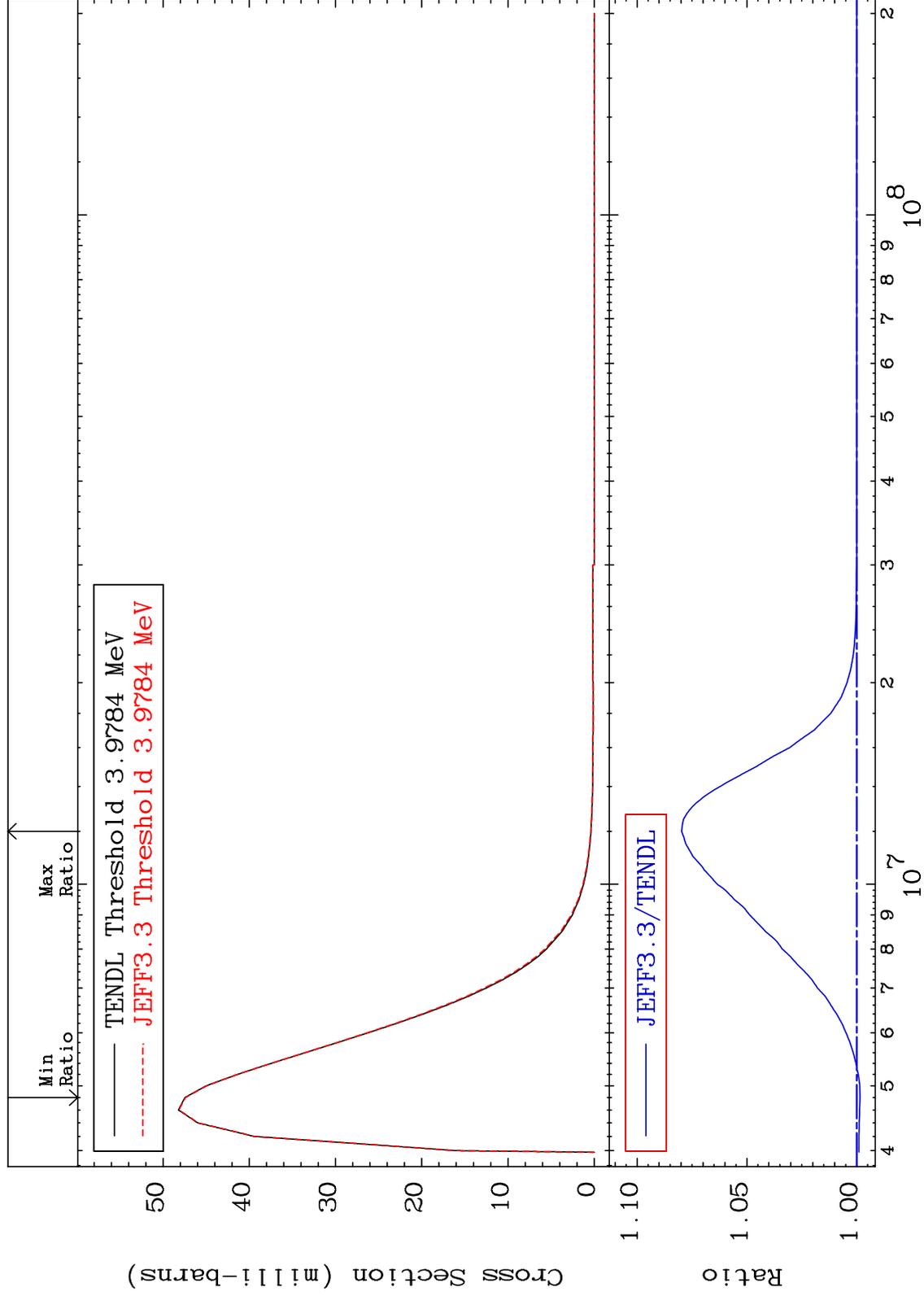


28

MAT 2031

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

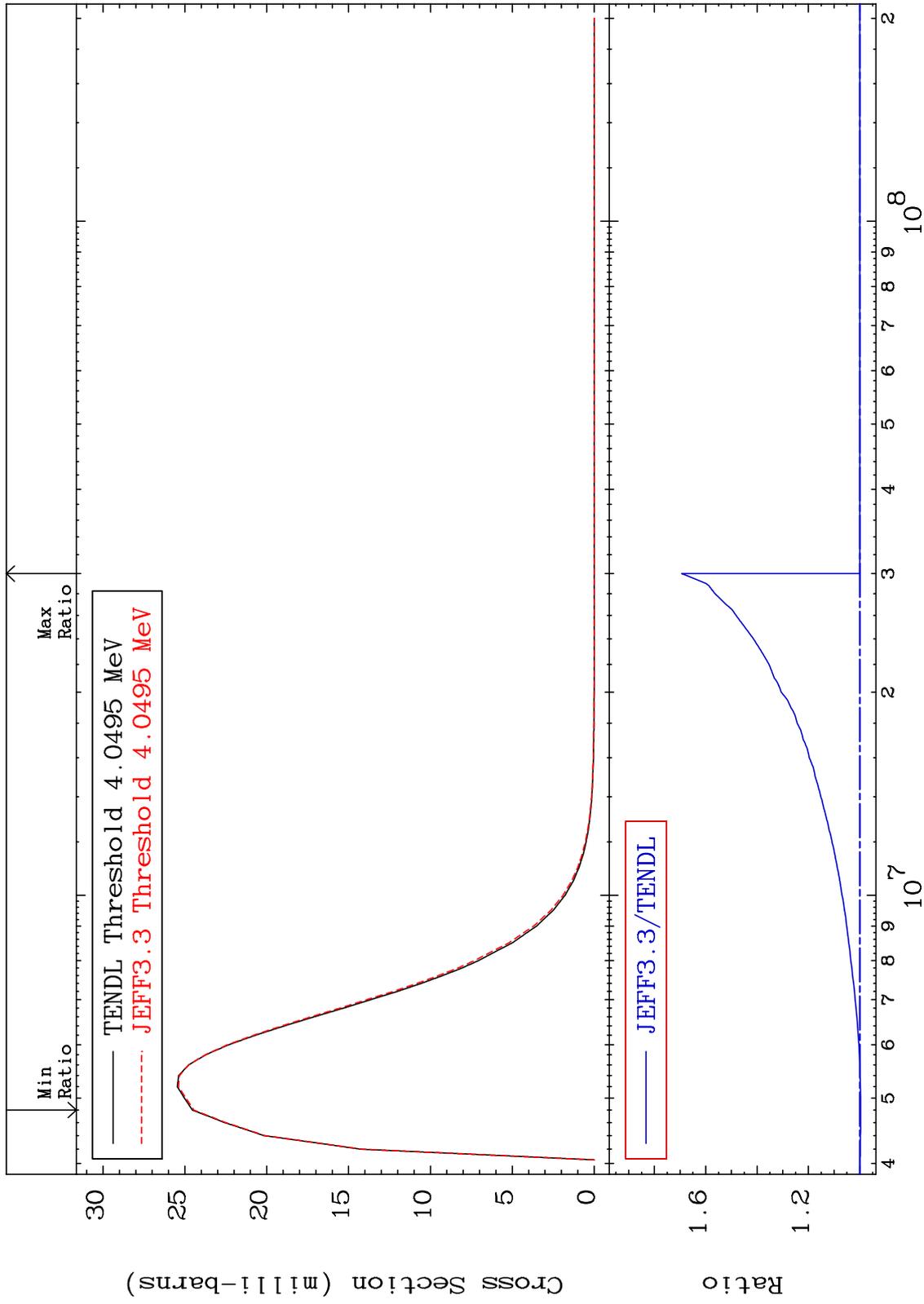
20-Ca-42
-0.153 To 7.977 %



MAT 2031

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

20-Ca-42
-0.354 To 69.36 %



30

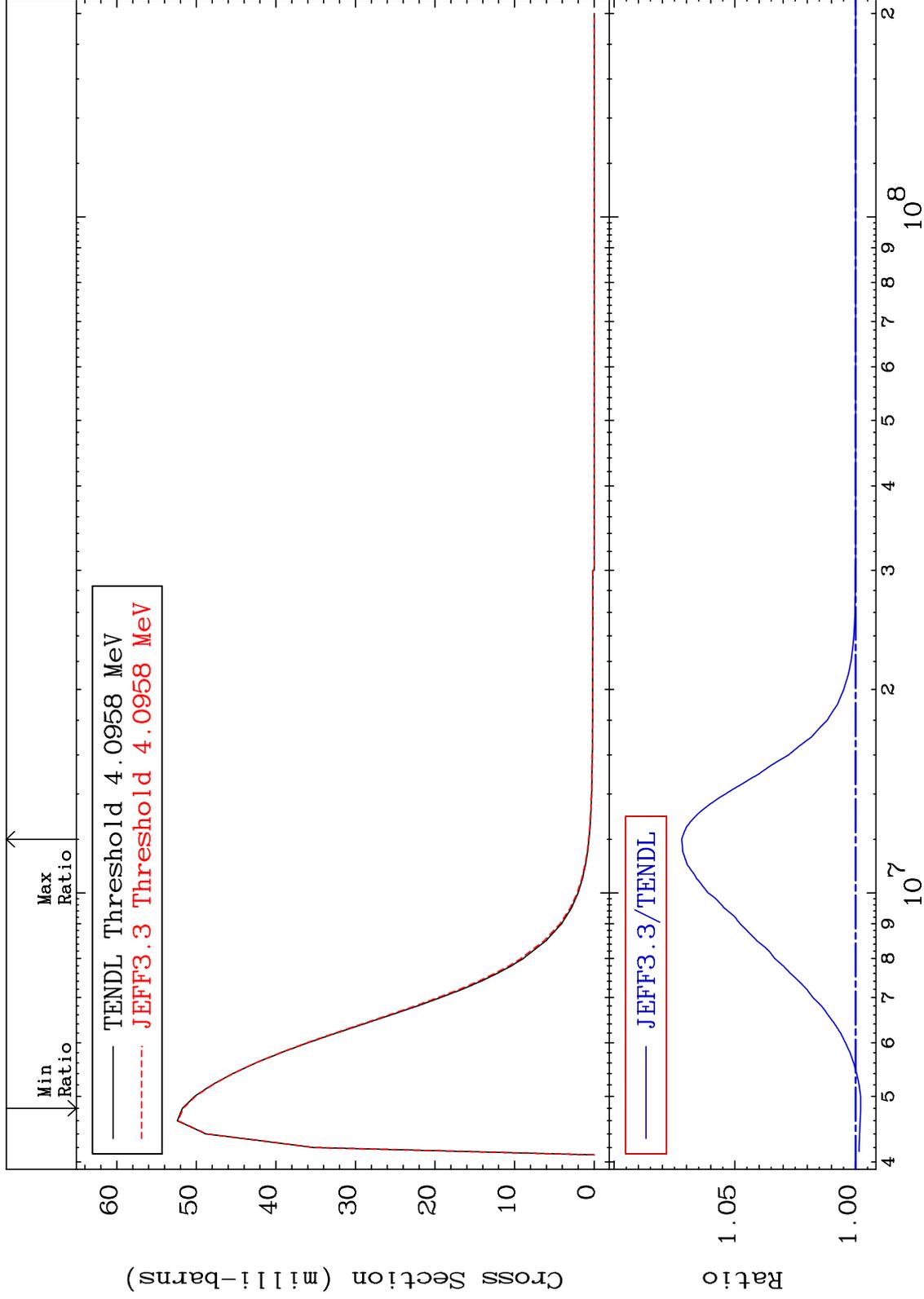
Incident Energy (eV)

20-Ca-42

MAT 2031

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

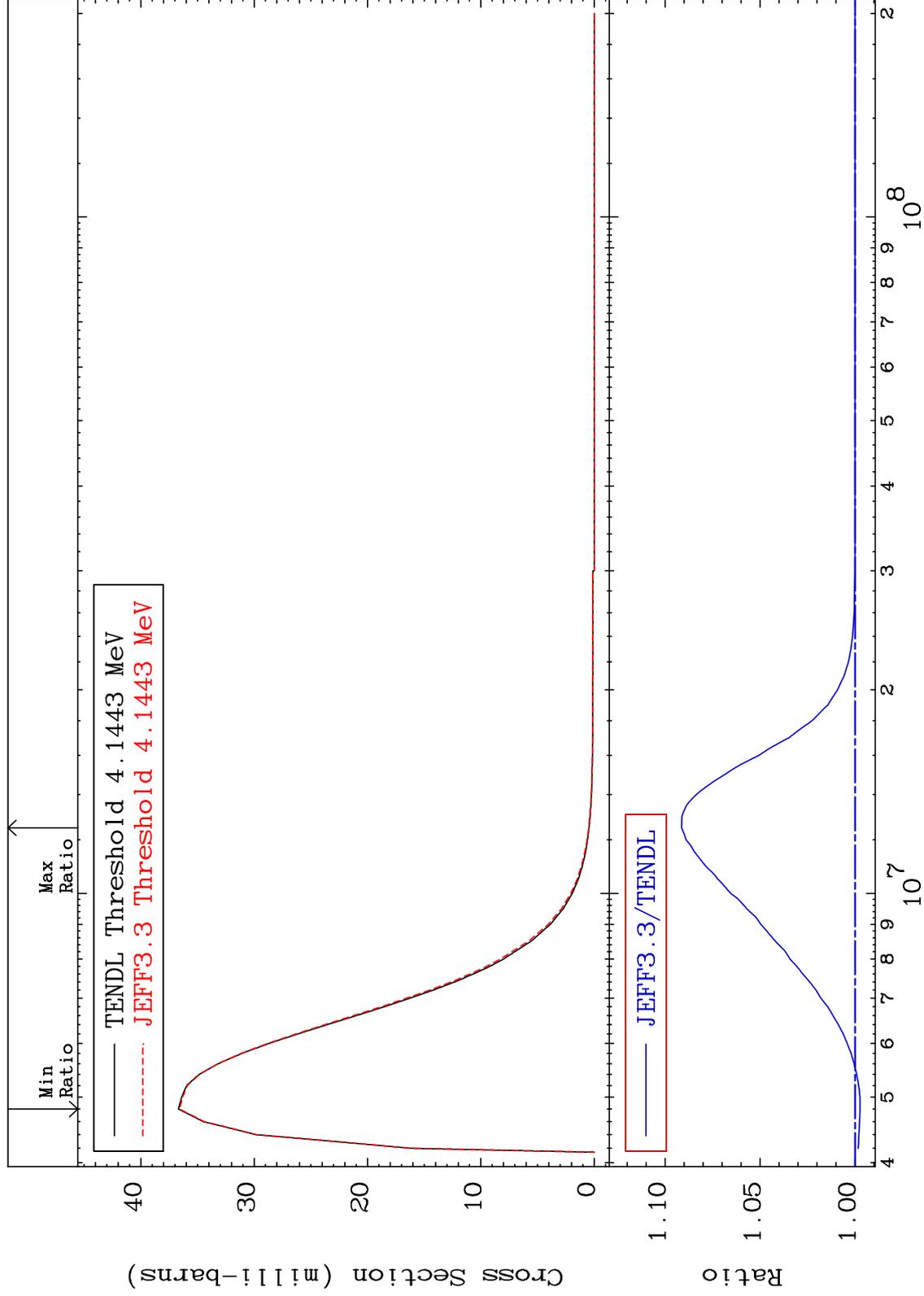
20-Ca-42
-0.210 To 7.201 %



MAT 2031

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

20-Ca-42
-0.262 To 9.133 %



32

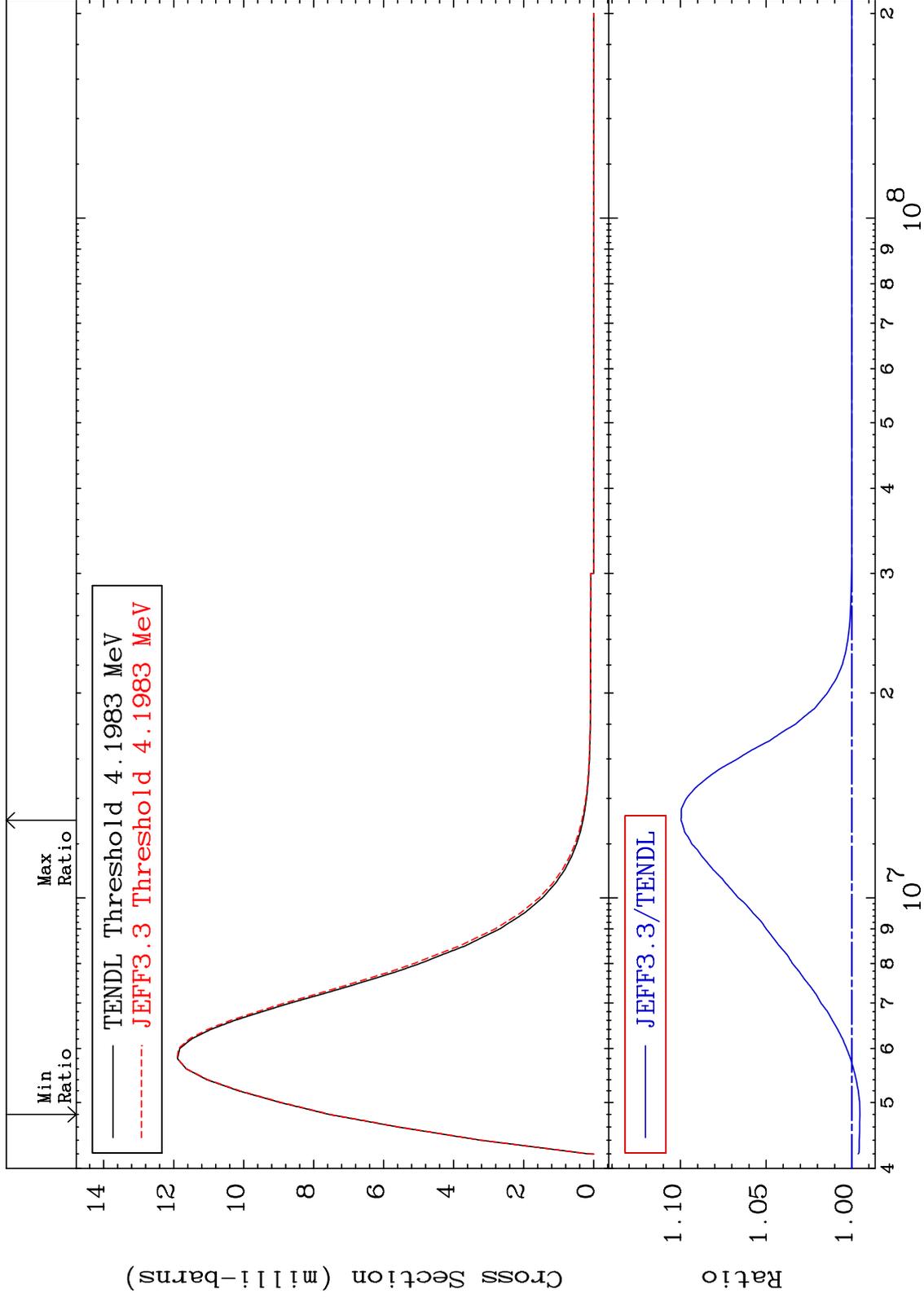
Incident Energy (eV)

20-Ca-42

MAT 2031

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

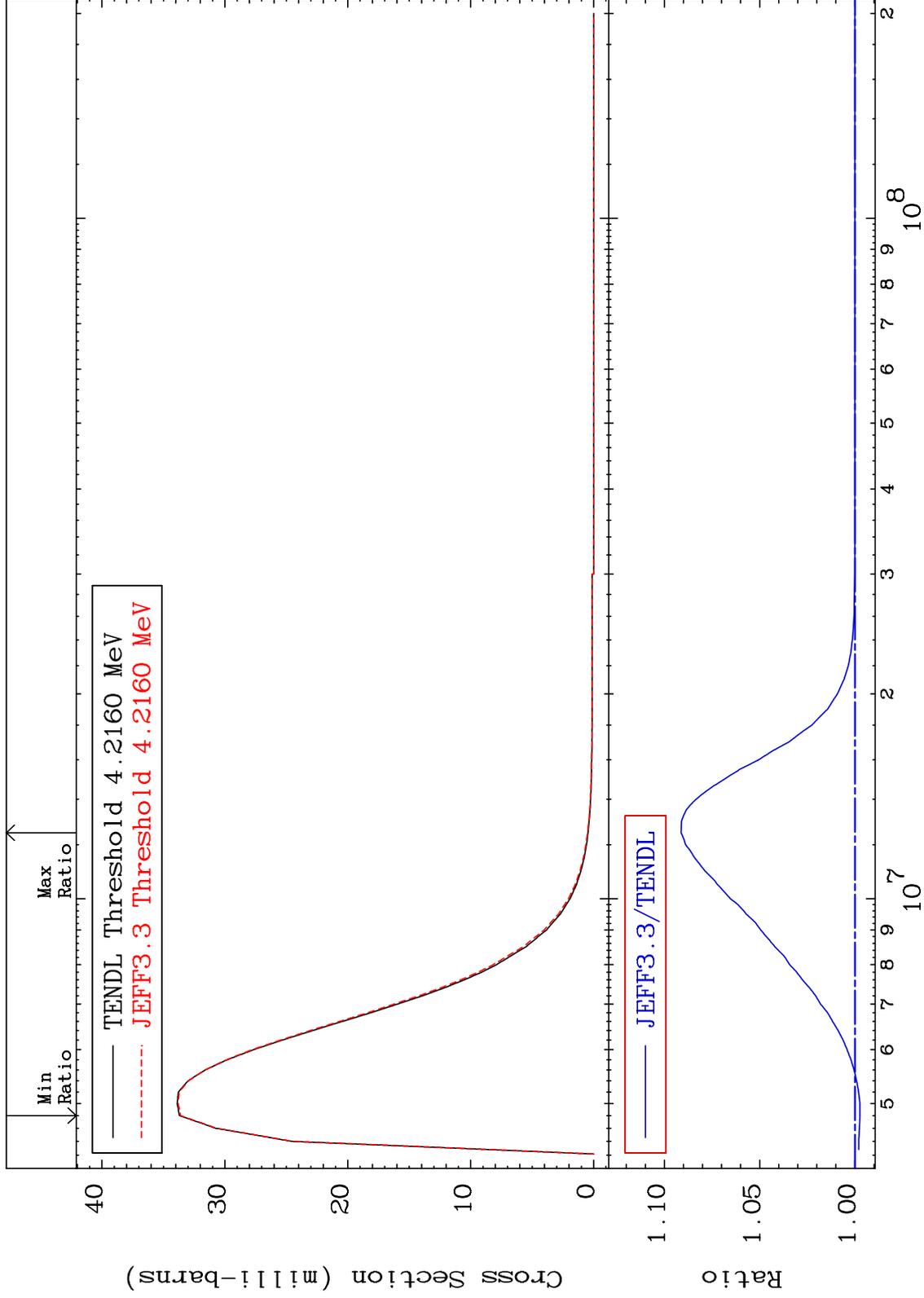
20-Ca-42
-0.475 To 9.961 %



MAT 2031

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

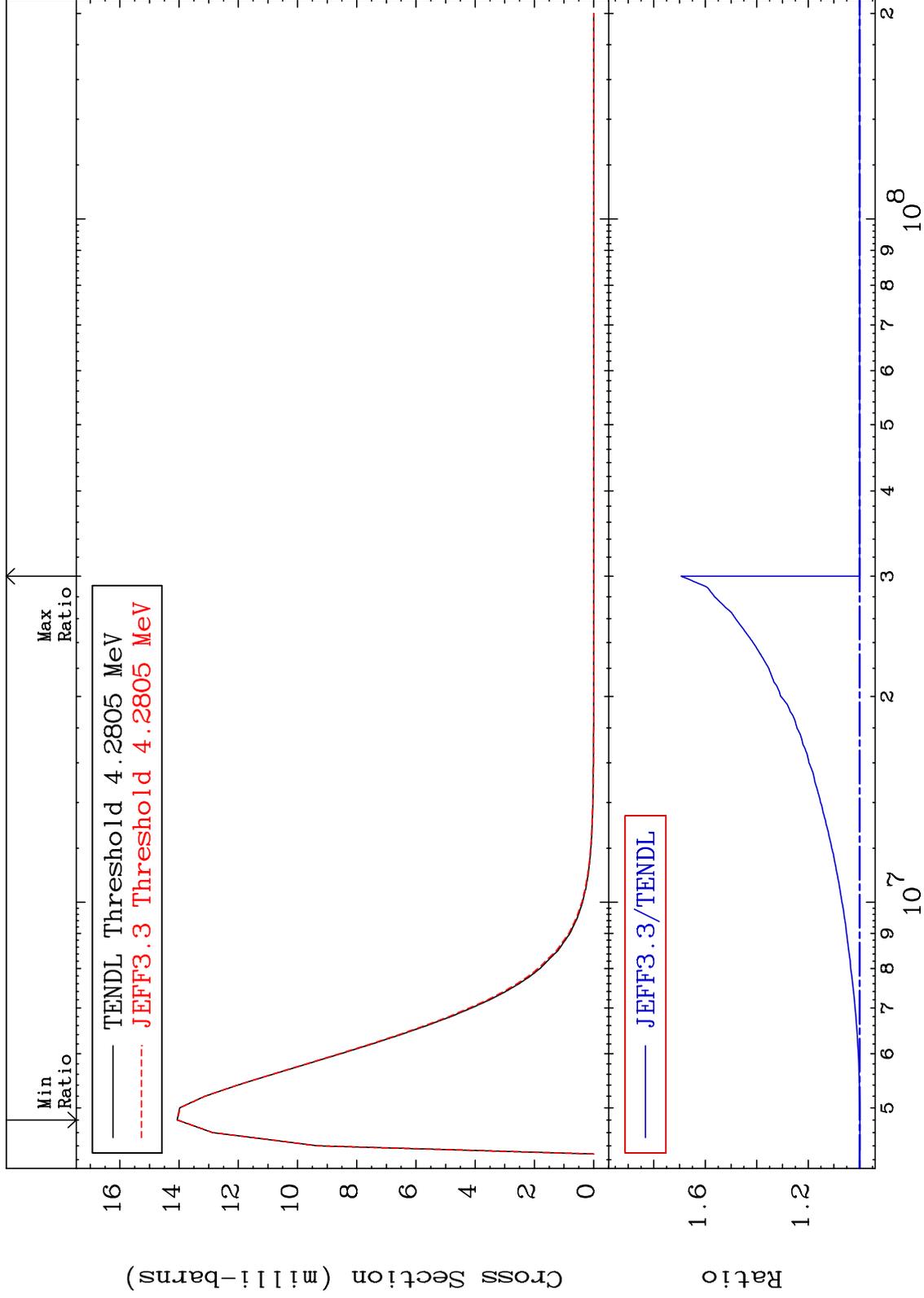
20-Ca-42
-0.262 To 9.121 %



MAT 2031

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

20-Ca-42
-0.104 To 69.39 %



35

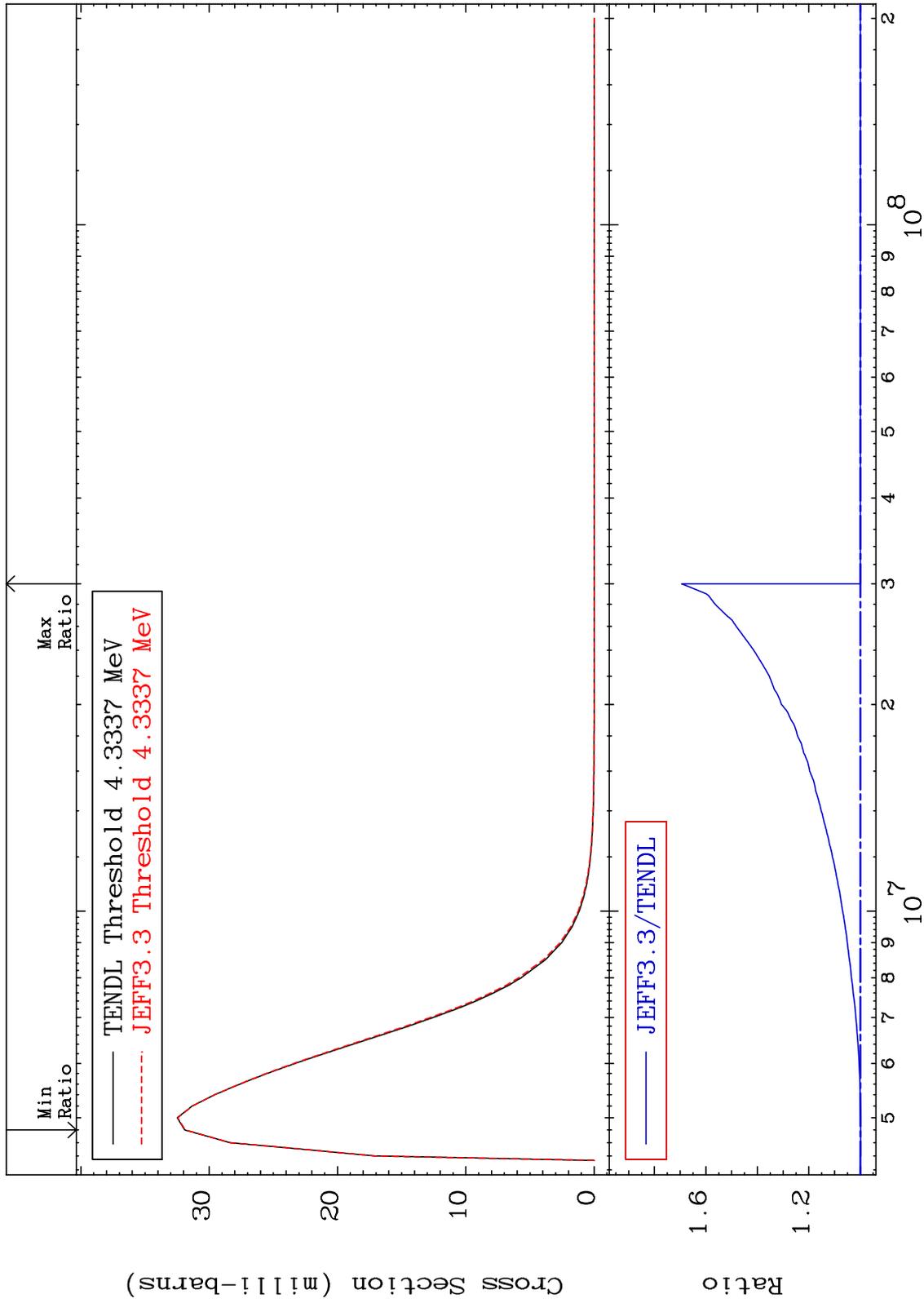
Incident Energy (eV)

20-Ca-42

MAT 2031

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

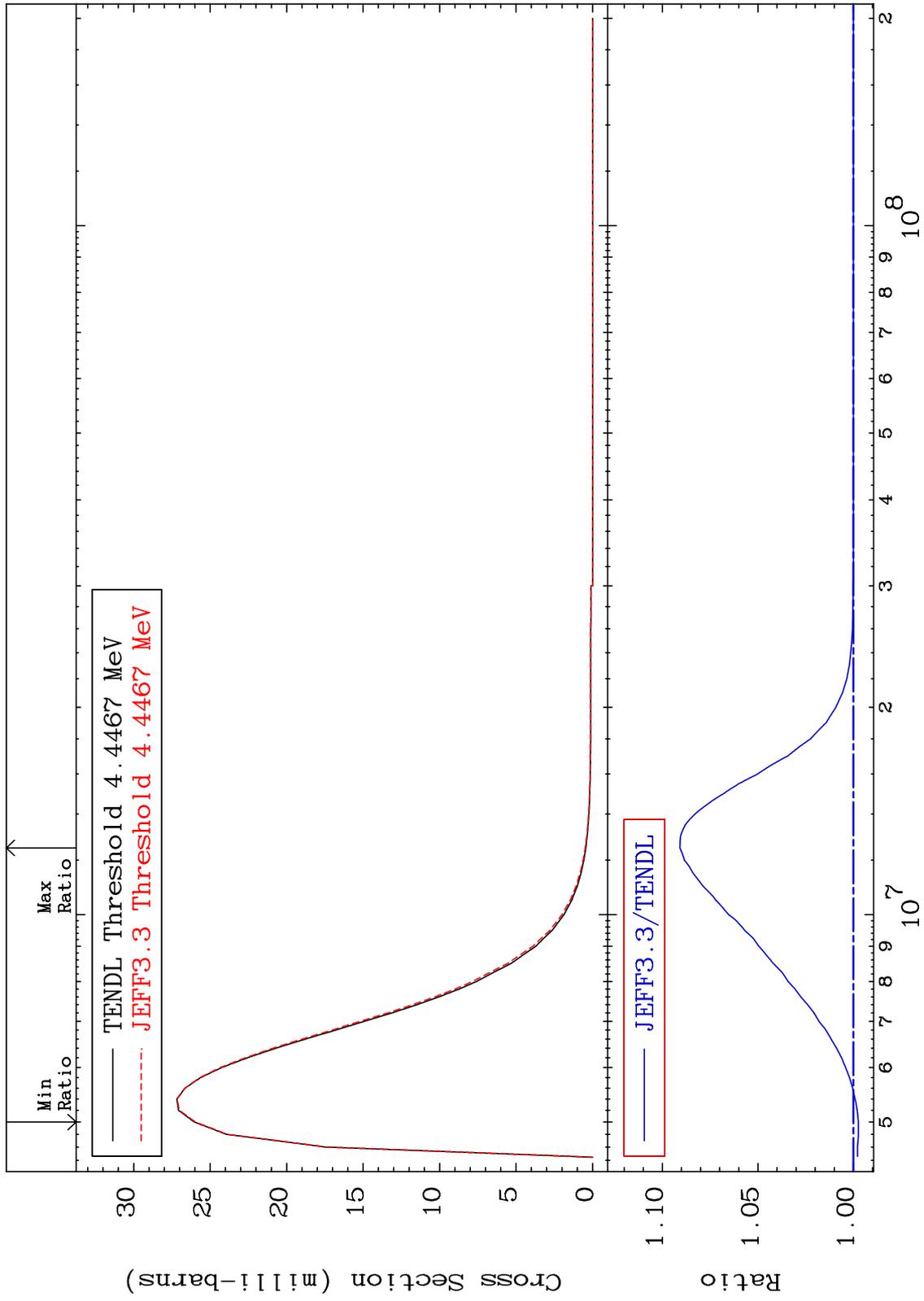
20-Ca-42
-0.133 To 69.38 %



MAT 2031

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

20-Ca-42
-0.262 To 9.081 %



37

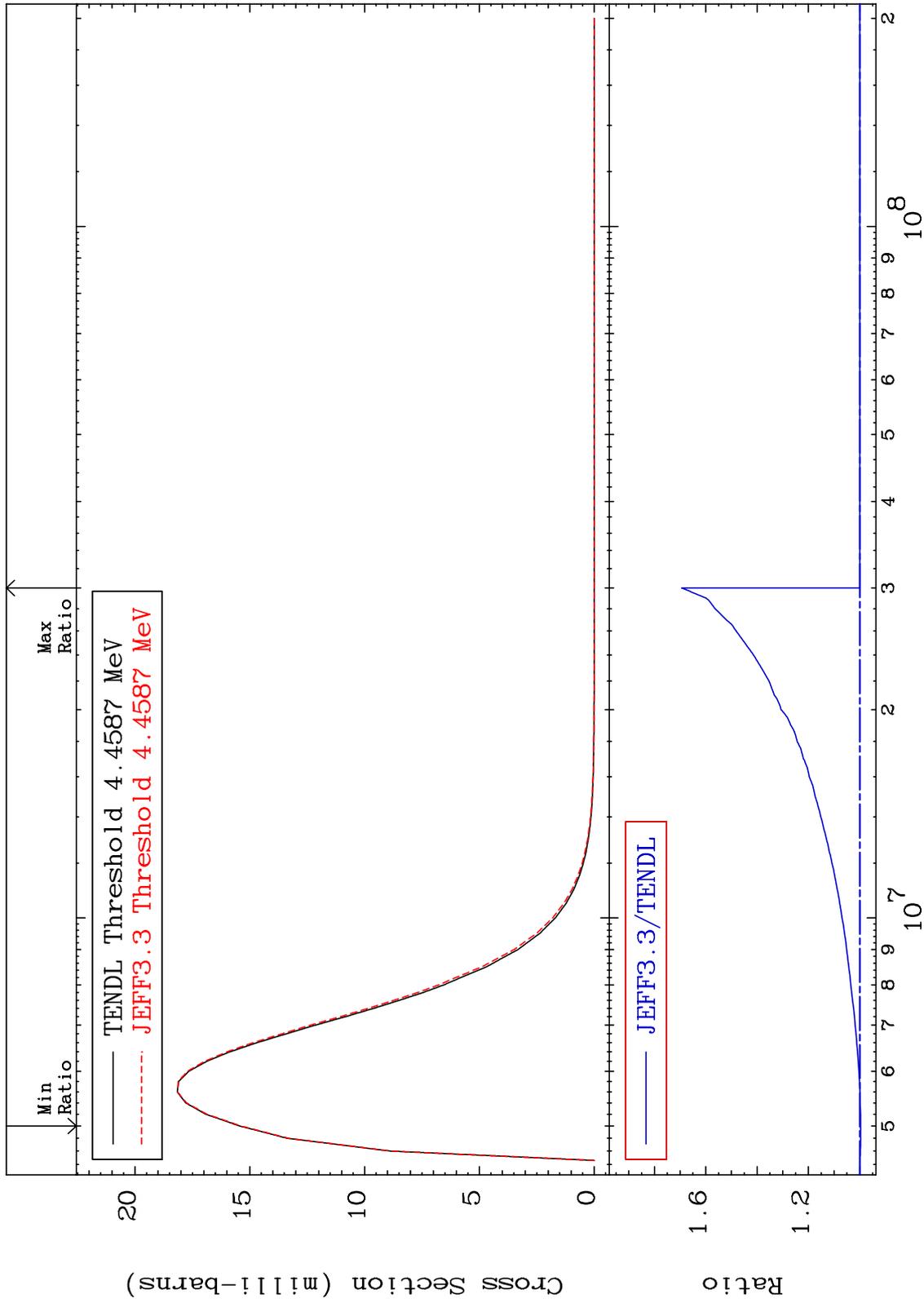
Incident Energy (eV)

20-Ca-42

MAT 2031

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

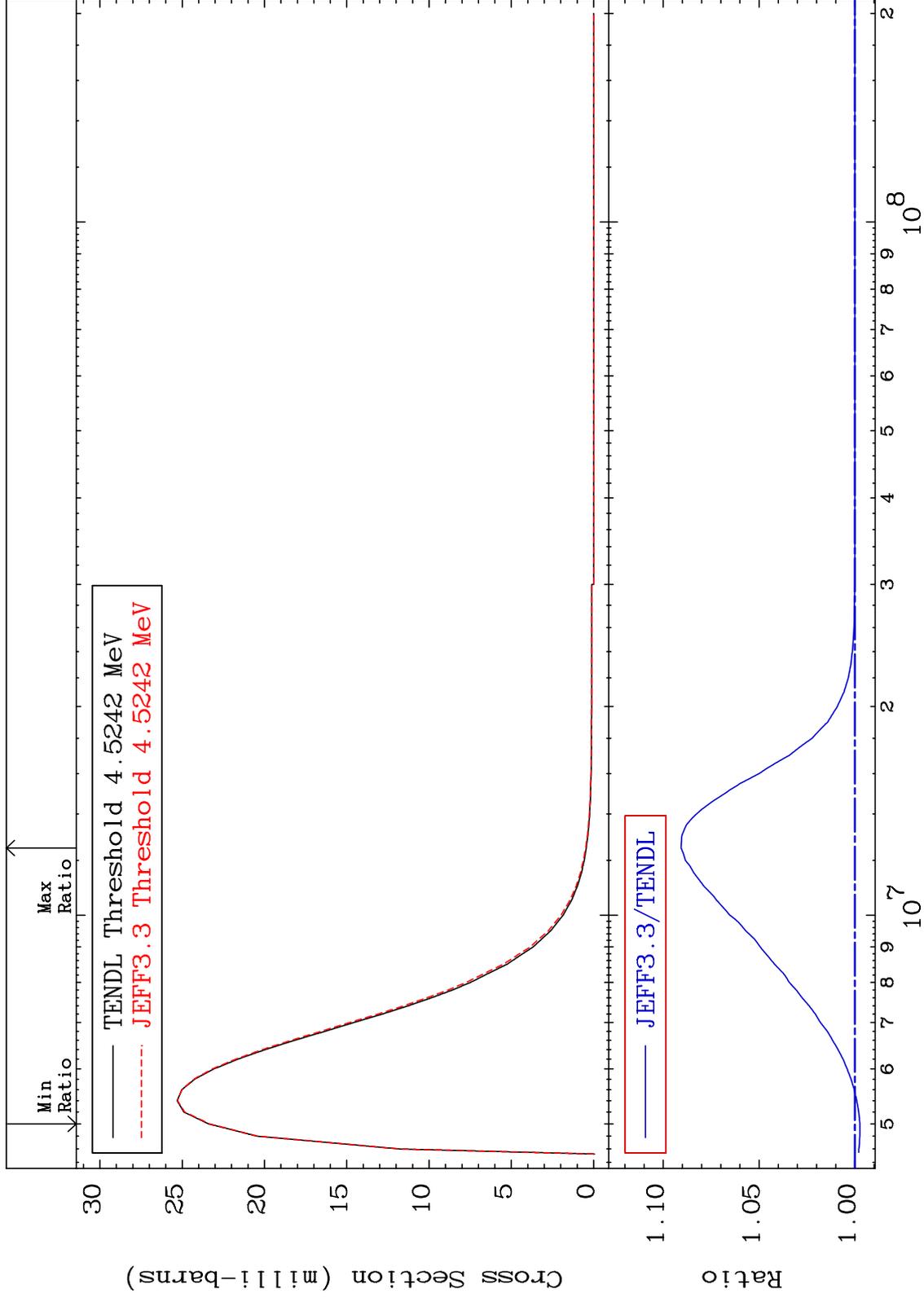
20-Ca-42
-0.372 To 69.36 %



MAT 2031

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

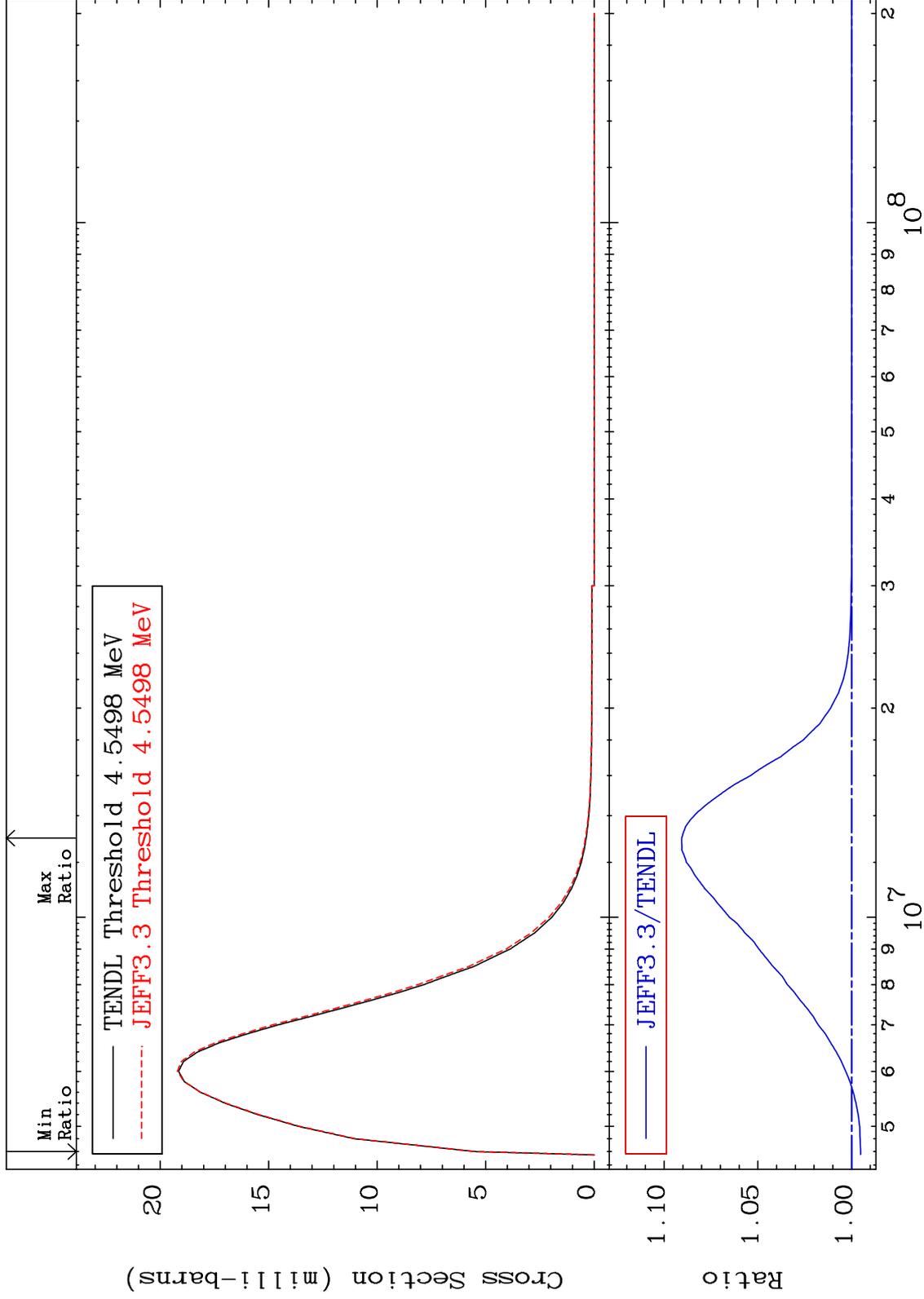
20-Ca-42
-0.261 To 9.067 %



MAT 2031

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

20-Ca-42
-0.487 To 9.061 %



40

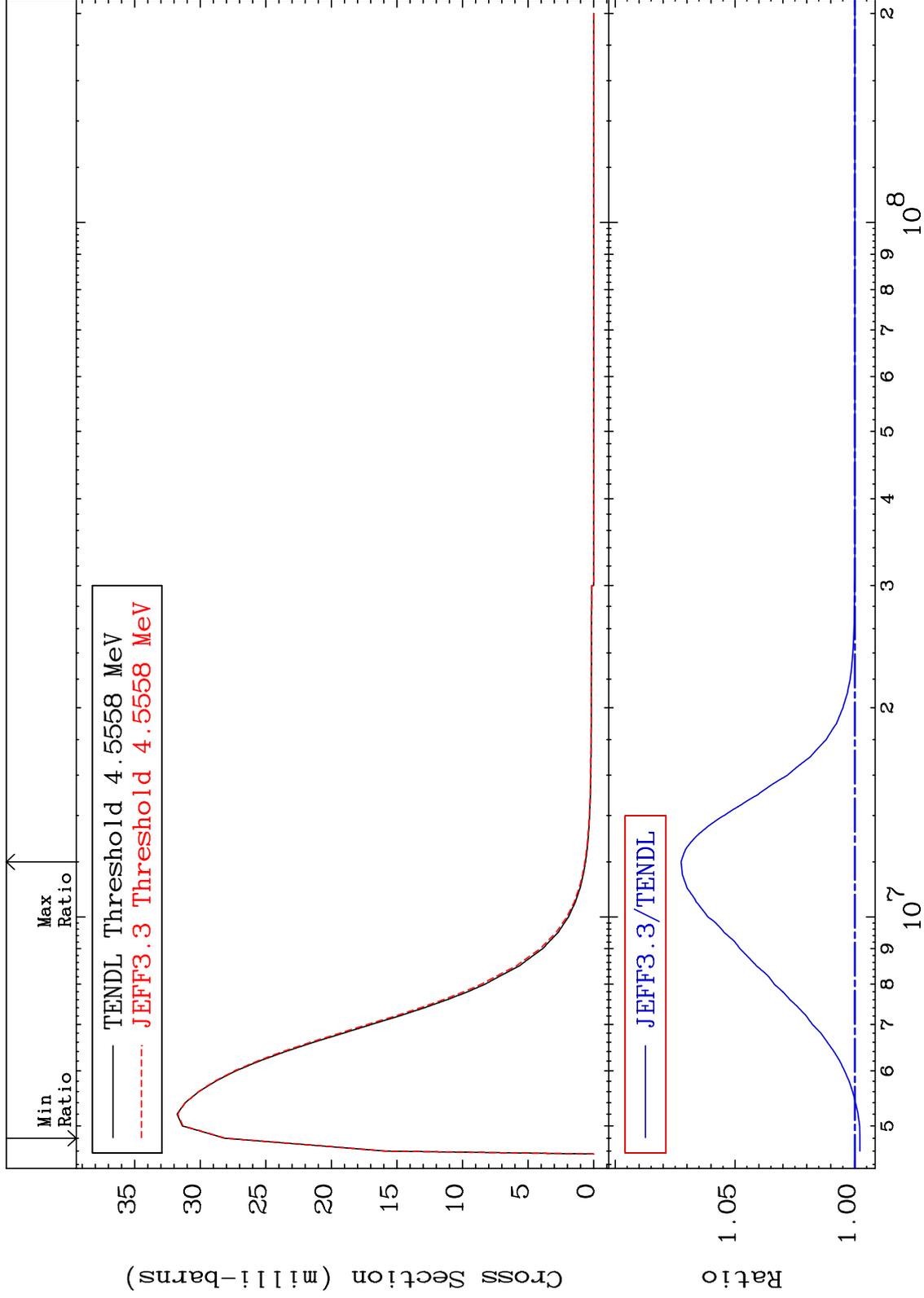
Incident Energy (eV)

20-Ca-42

MAT 2031

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

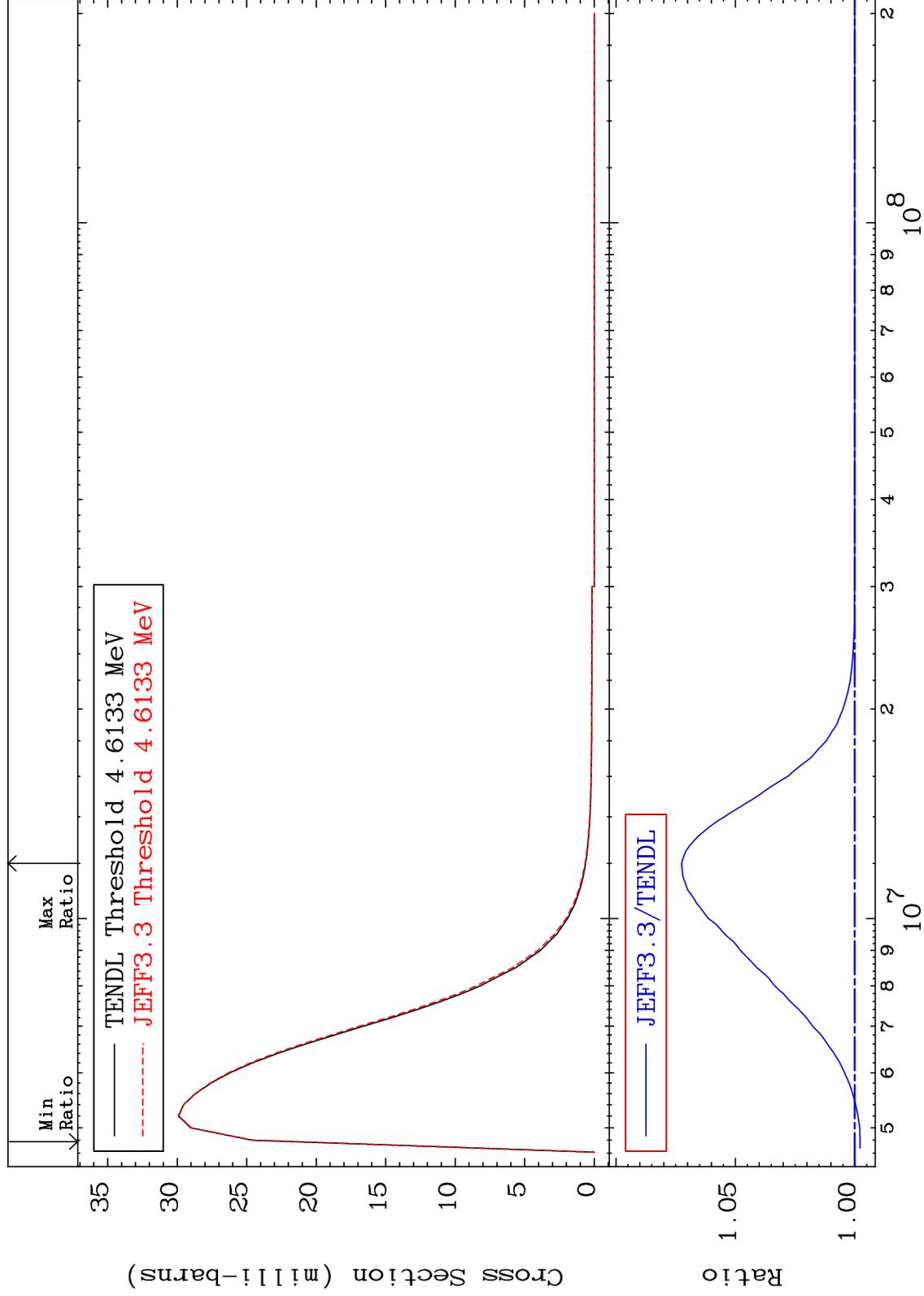
20-Ca-42
-0.215 To 7.247 %



MAT 2031

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

20-Ca-42
-0.218 To 7.253 %



42

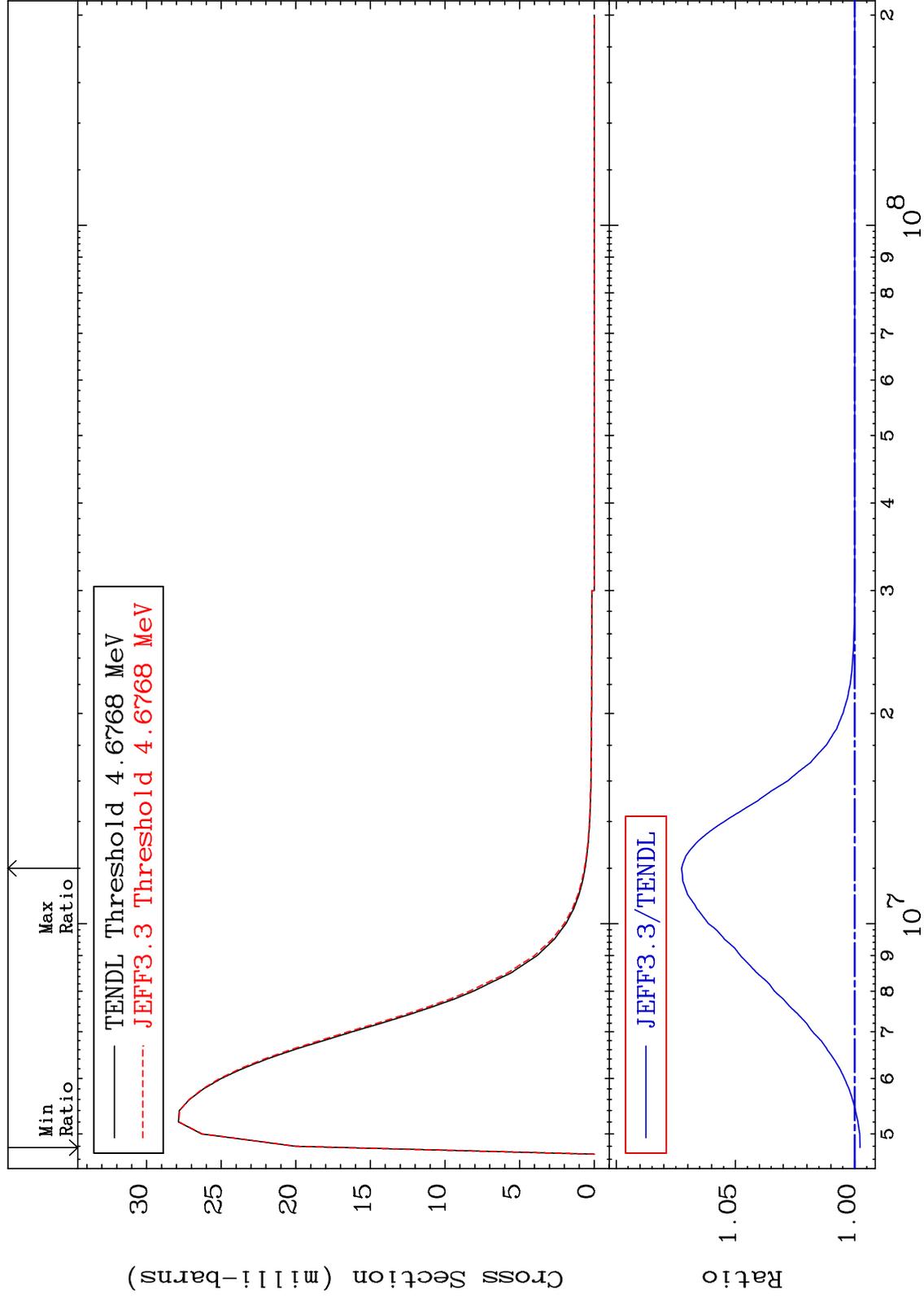
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-0.223 To 7.260 %



43

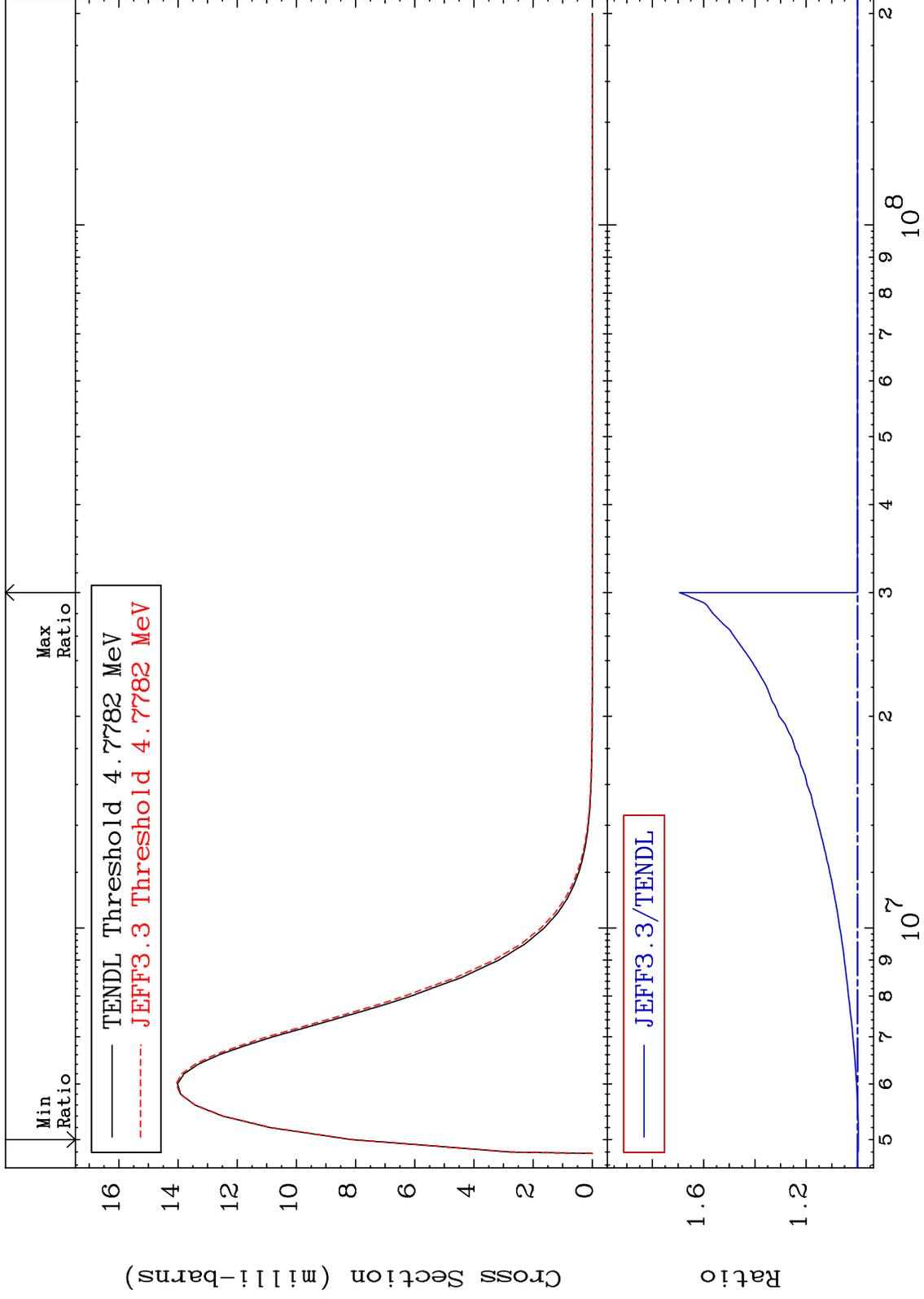
Incident Energy (eV)

20-Ca-42

MAT 2031

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

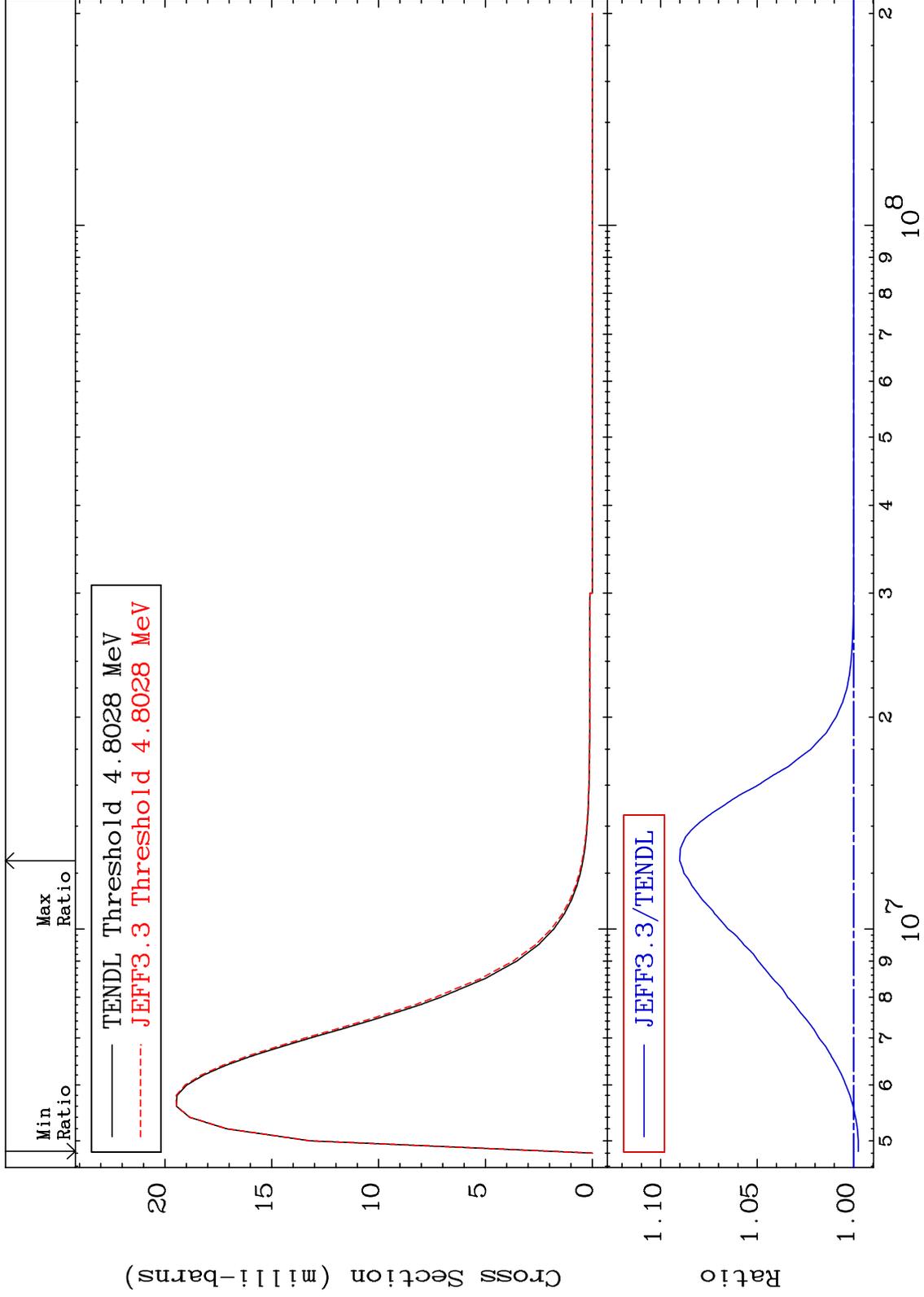
20-Ca-42
-0.358 To 69.36 %



MAT 2031

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

20-Ca-42
-0.244 To 9.013 %



45

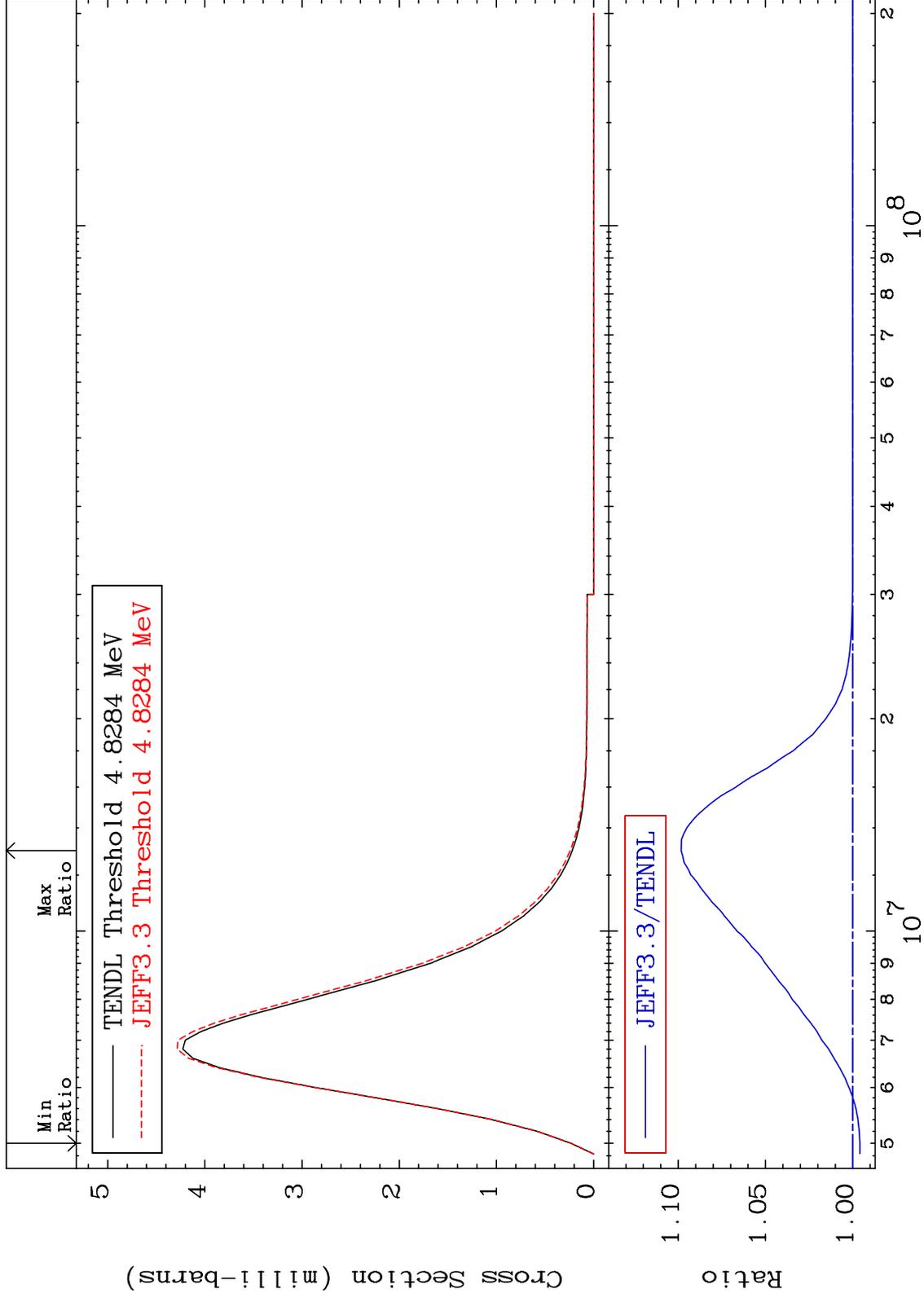
Incident Energy (eV)

20-Ca-42

MAT 2031

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

20-Ca-42
-0.410 To 9.835 %

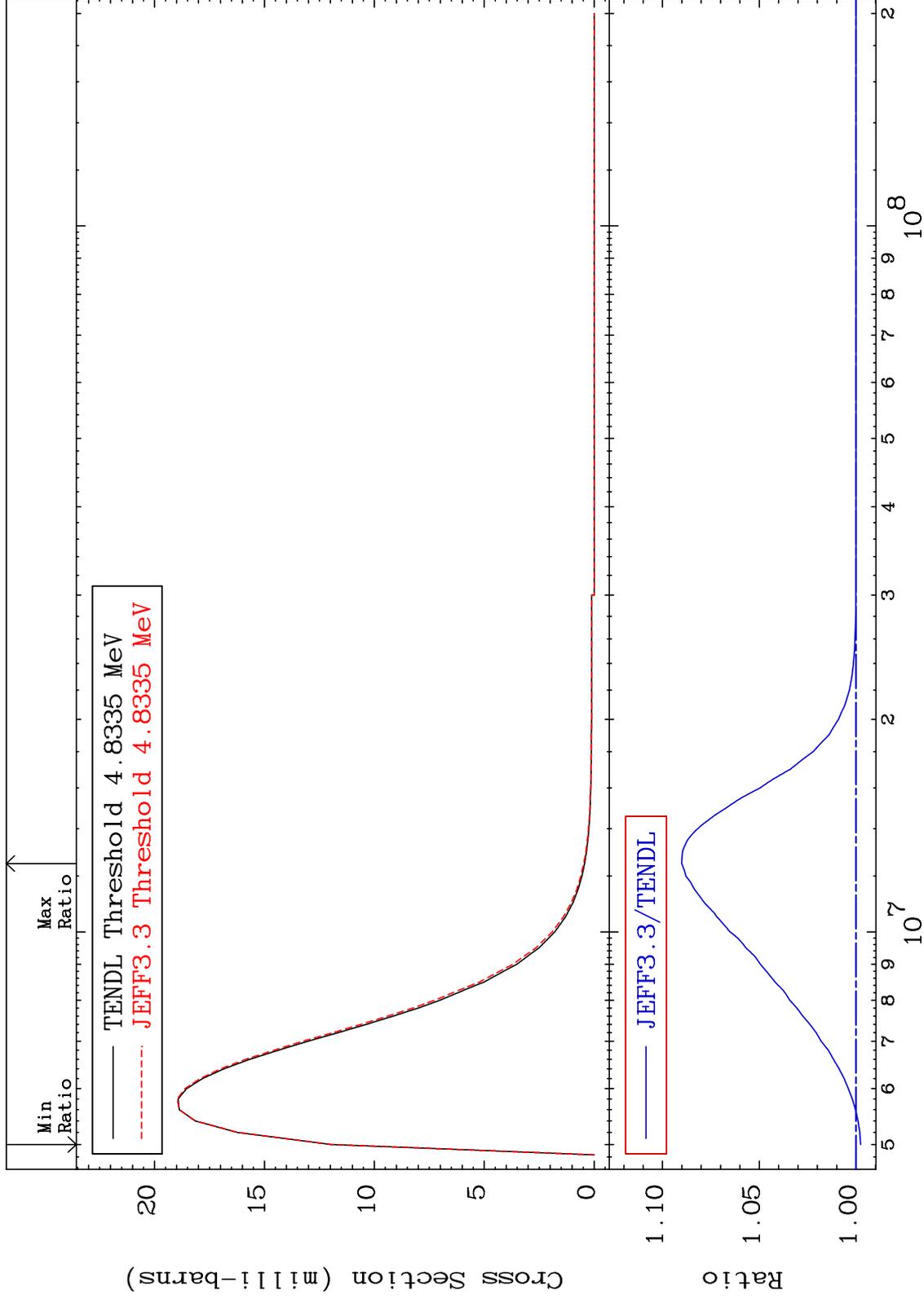


46

MAT 2031

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

20-Ca-42
-0.239 To 9.007 %



47

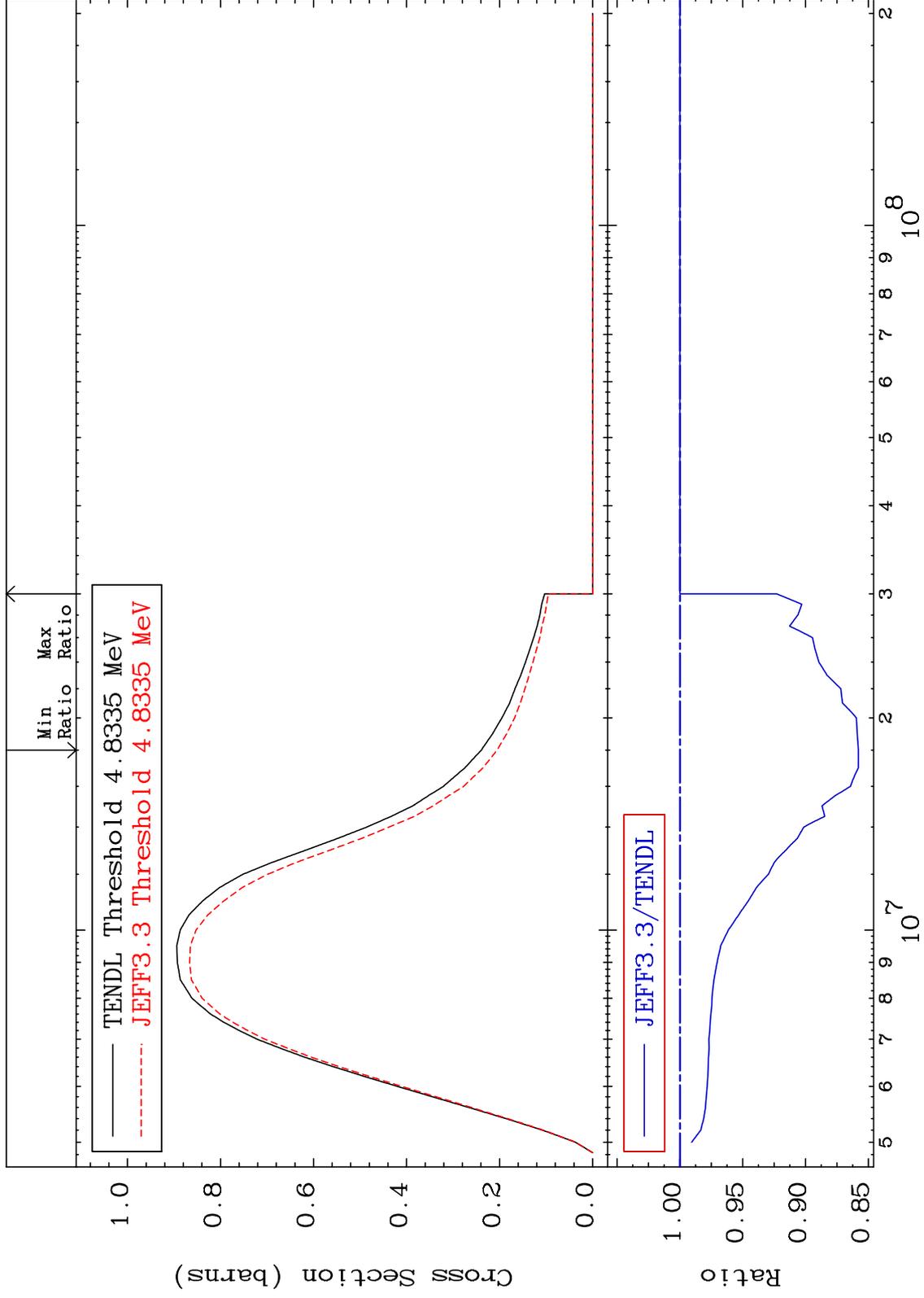
Incident Energy (eV)

20-Ca-42

MAT 2031

(n, n') Continuum
Cross Section

20-Ca-42
-14.21 To 0.000 %



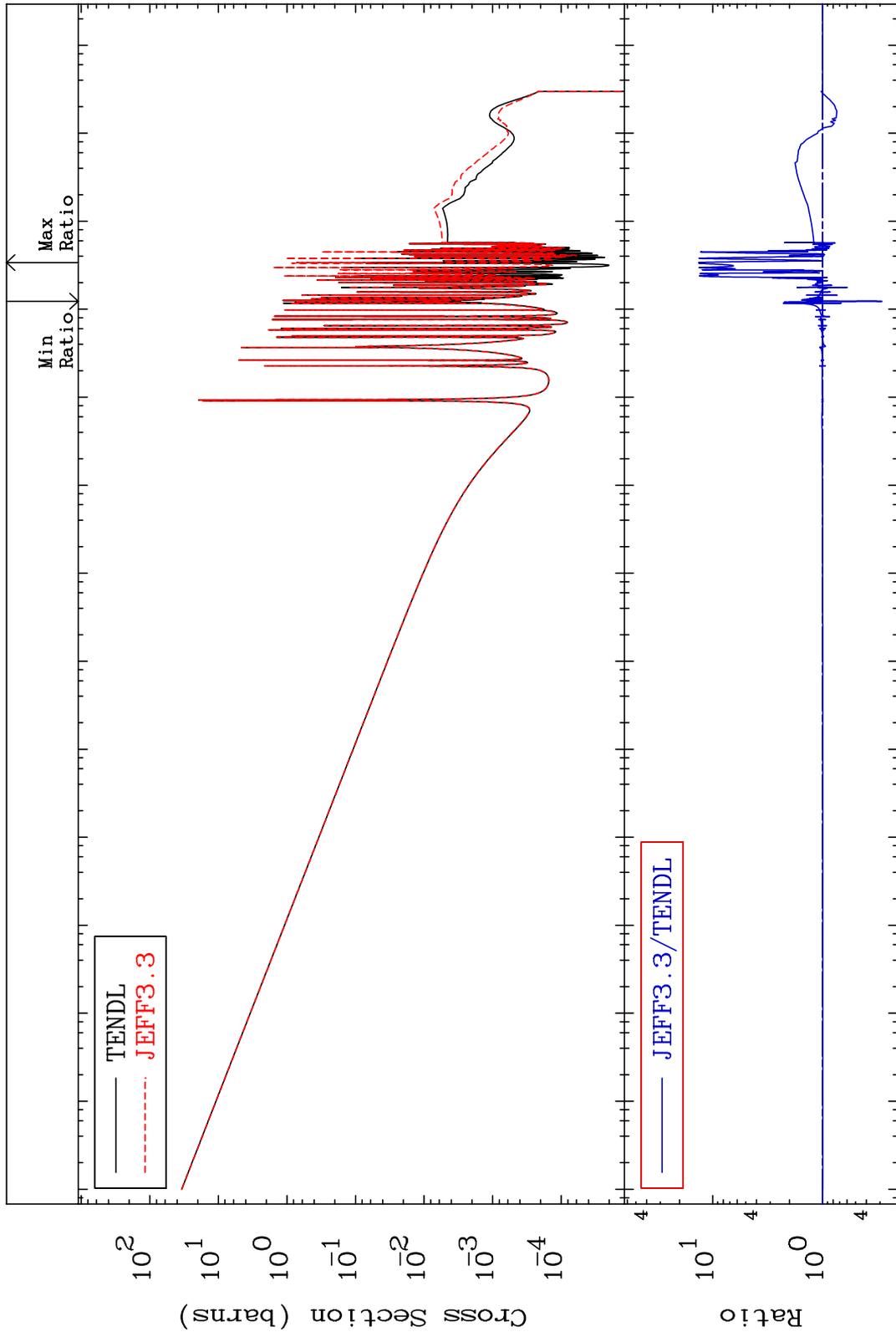
MAT 2031

(n, γ)

20-Ca-42

Cross Section

-71.24 To 1242. %



Incident Energy (eV)

20-Ca-42

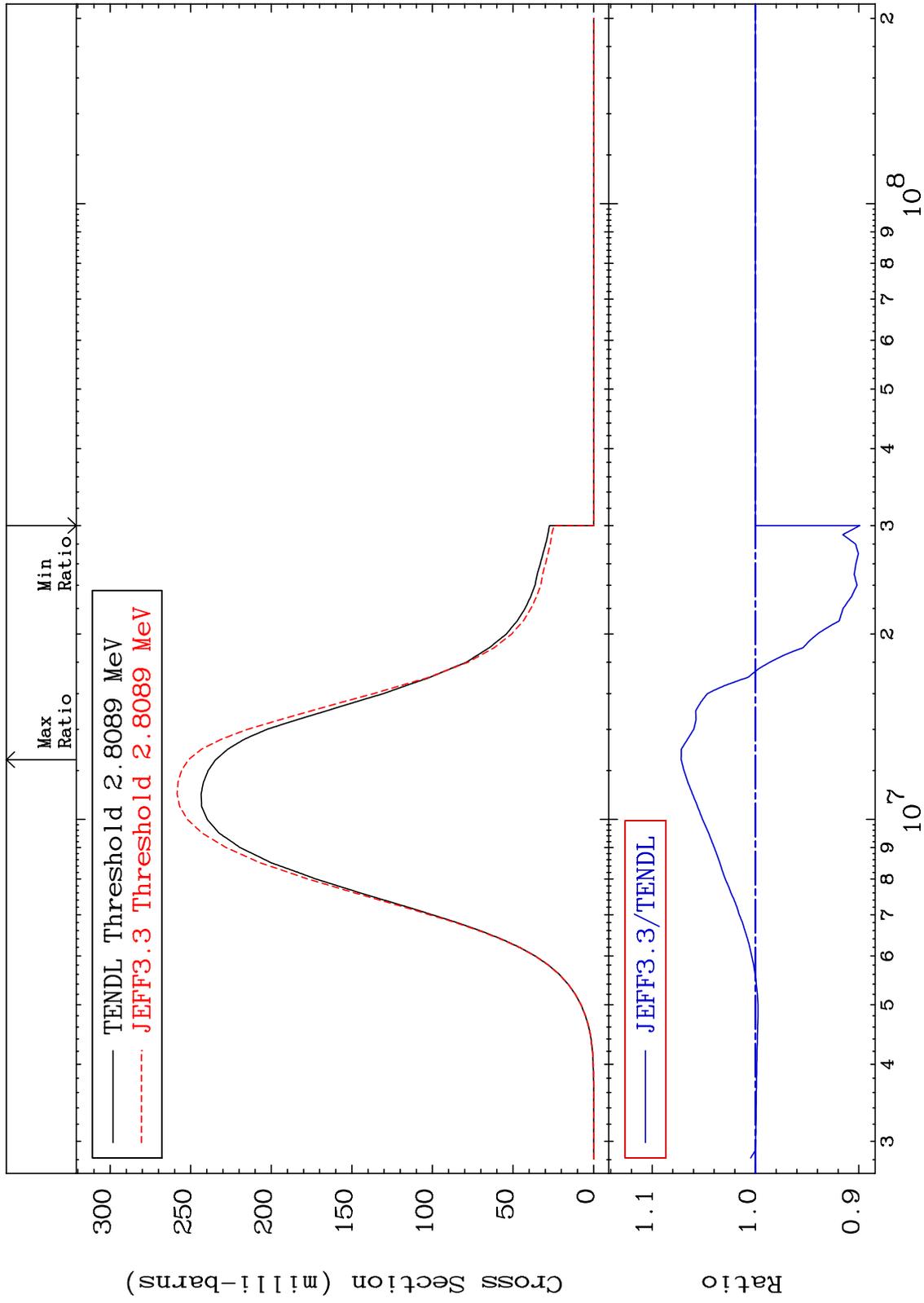
MAT 2031

(n, p)

20-Ca-42

Cross Section

-10.11 To 7.192 %



50

Incident Energy (eV)

20-Ca-42

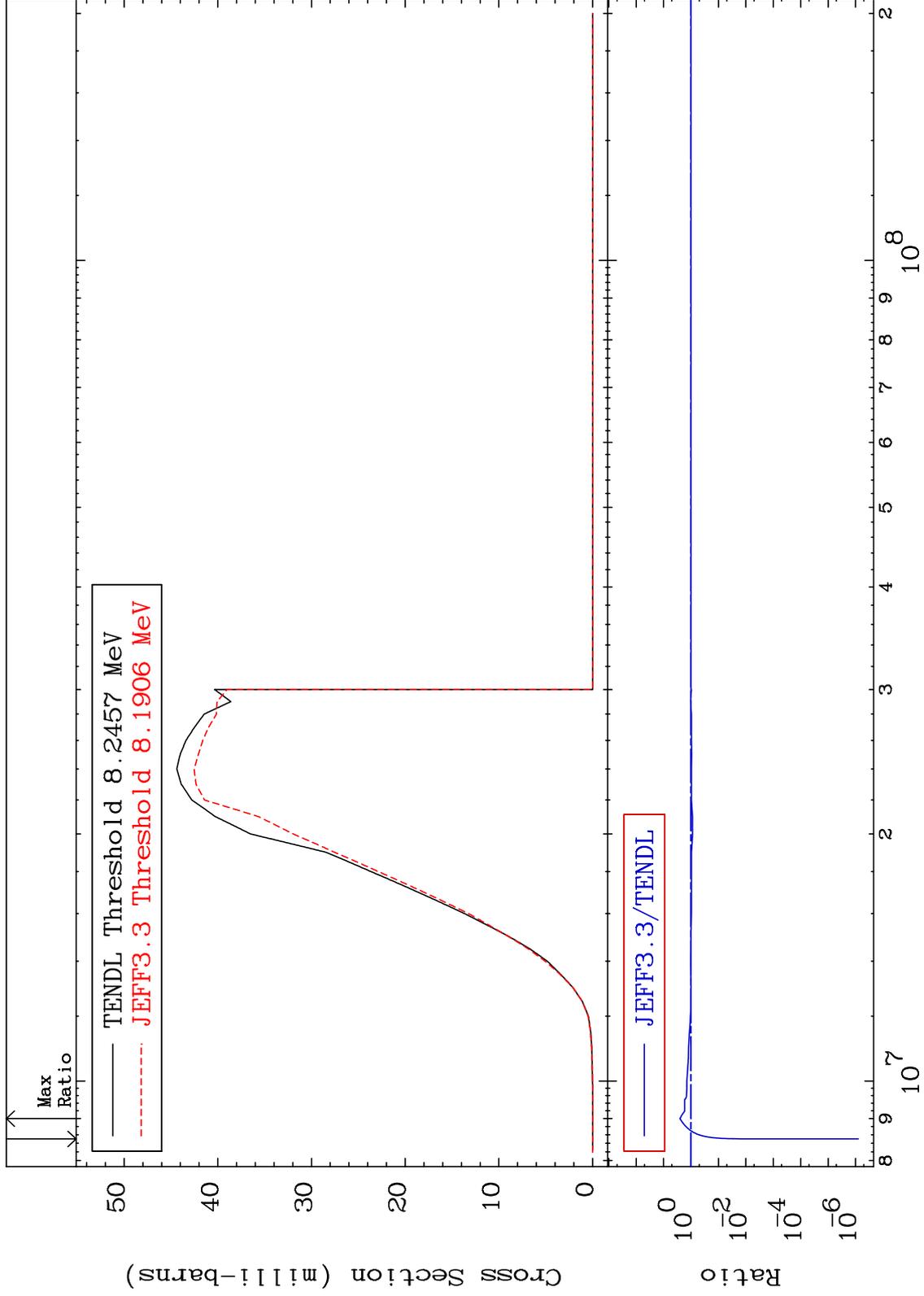
MAT 2031

(n, d)

20-Ca-42

Cross Section

-100.0 To 153.5 %



51

Incident Energy (eV)

20-Ca-42

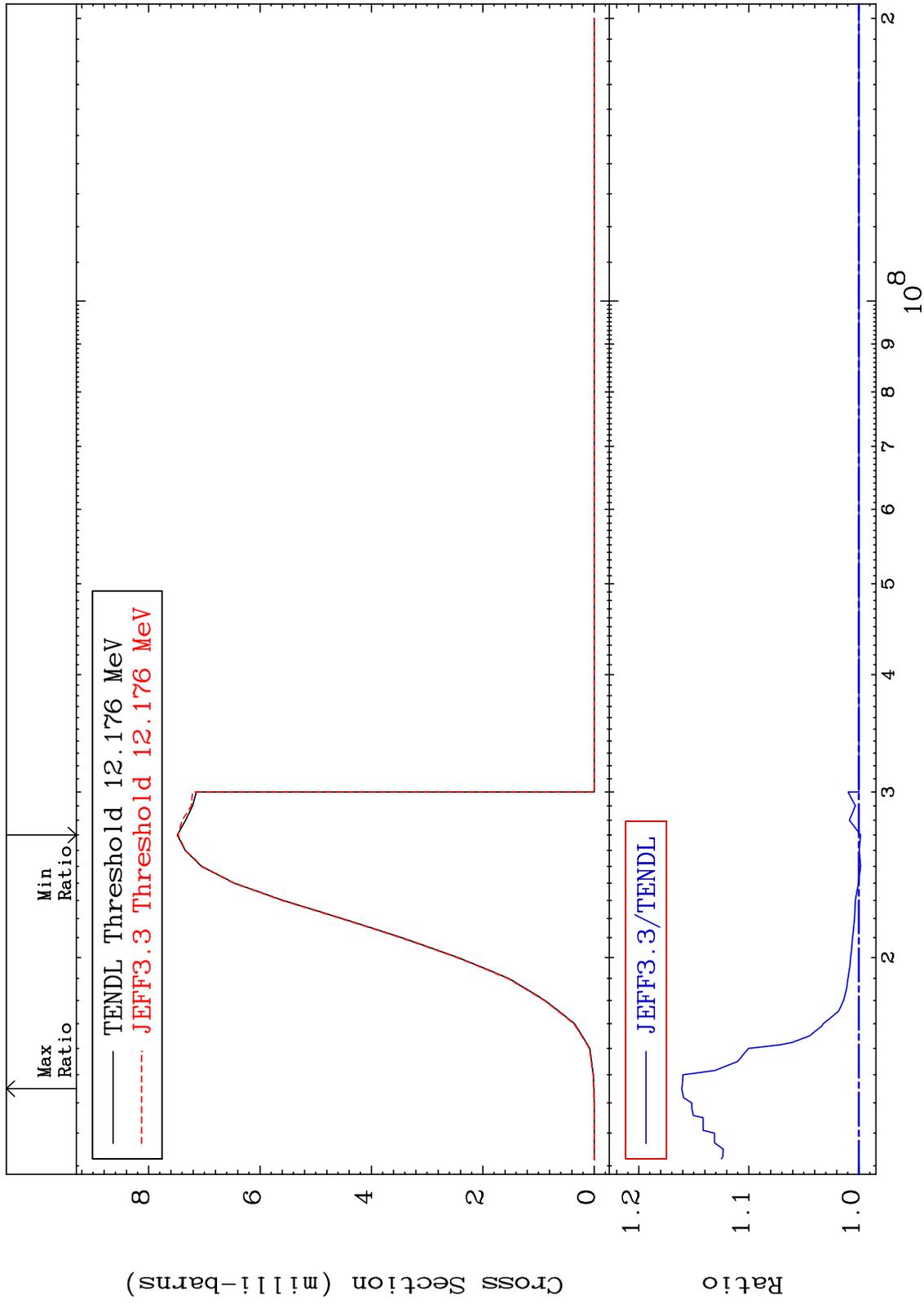
MAT 2031

(n, t)

20-Ca-42

Cross Section

-0.173 To 16.09 %



52

Incident Energy (eV)

20-Ca-42

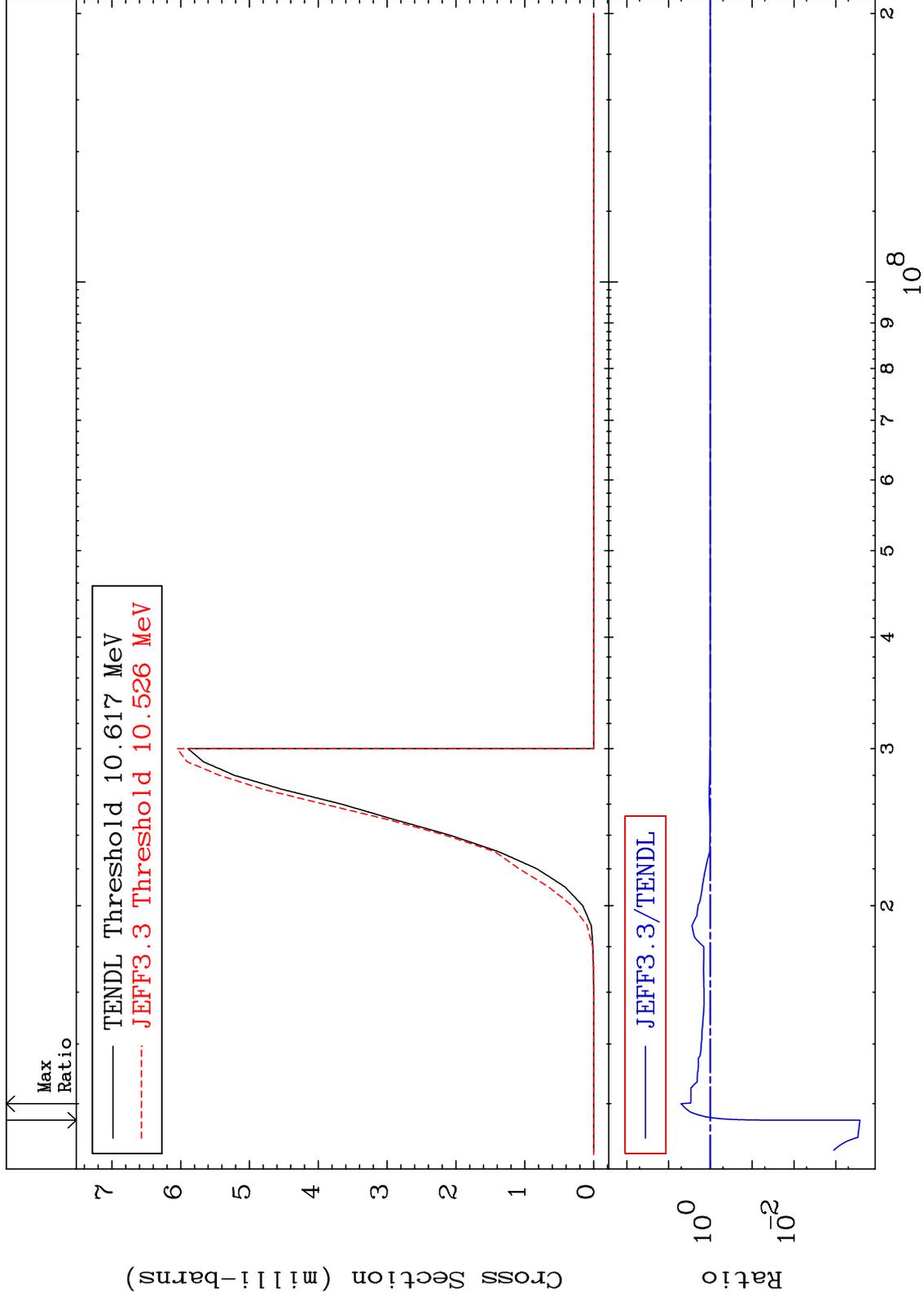
MAT 2031

(n, He-3)

20-Ca-42

Cross Section

-99.97 To 402.3 %



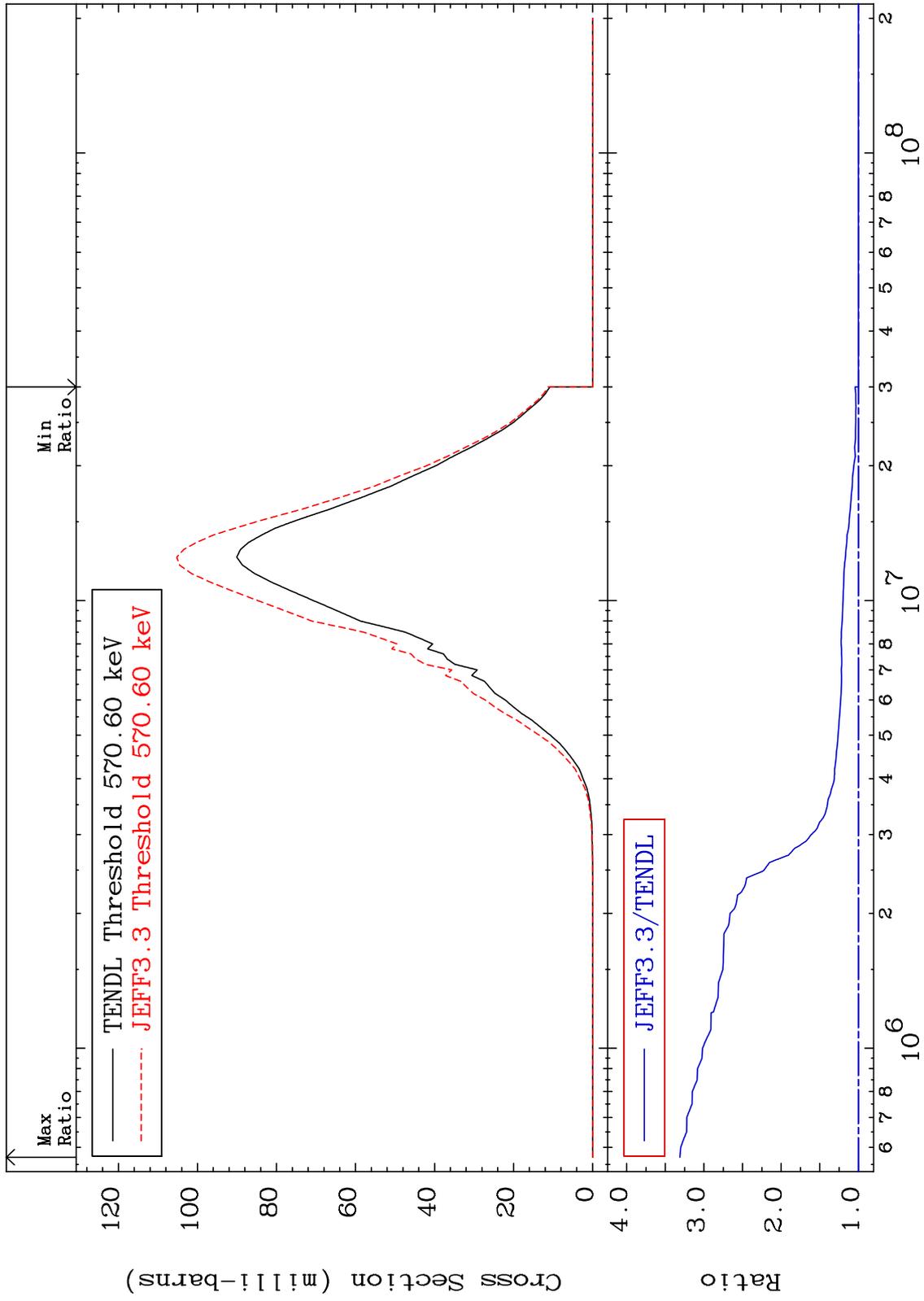
MAT 2031

(n, α)

20-Ca-42

Cross Section

0.000 To 231.1 %



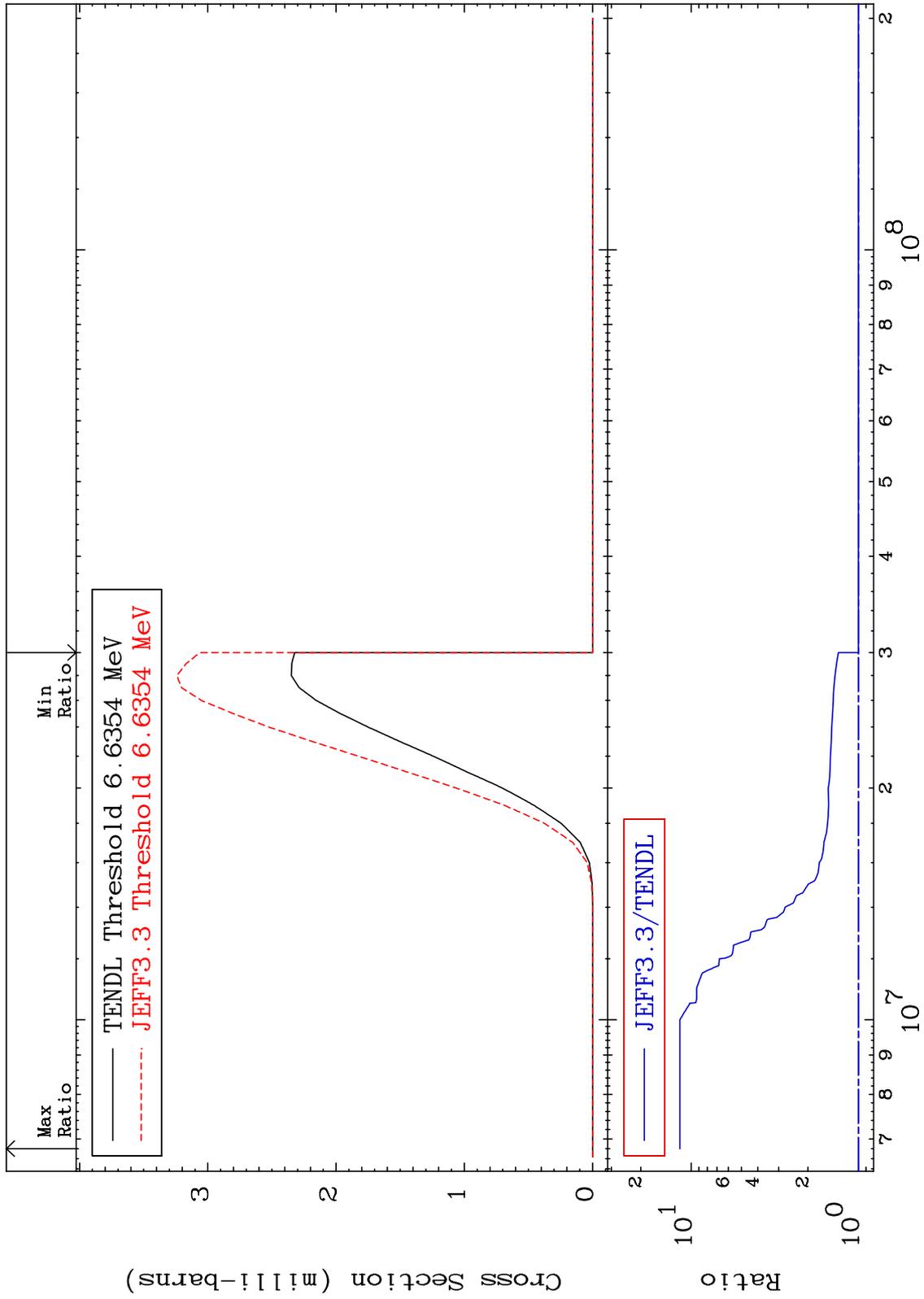
MAT 2031

(n, 2α)

20-Ca-42

Cross Section

0.000 To 1067. %



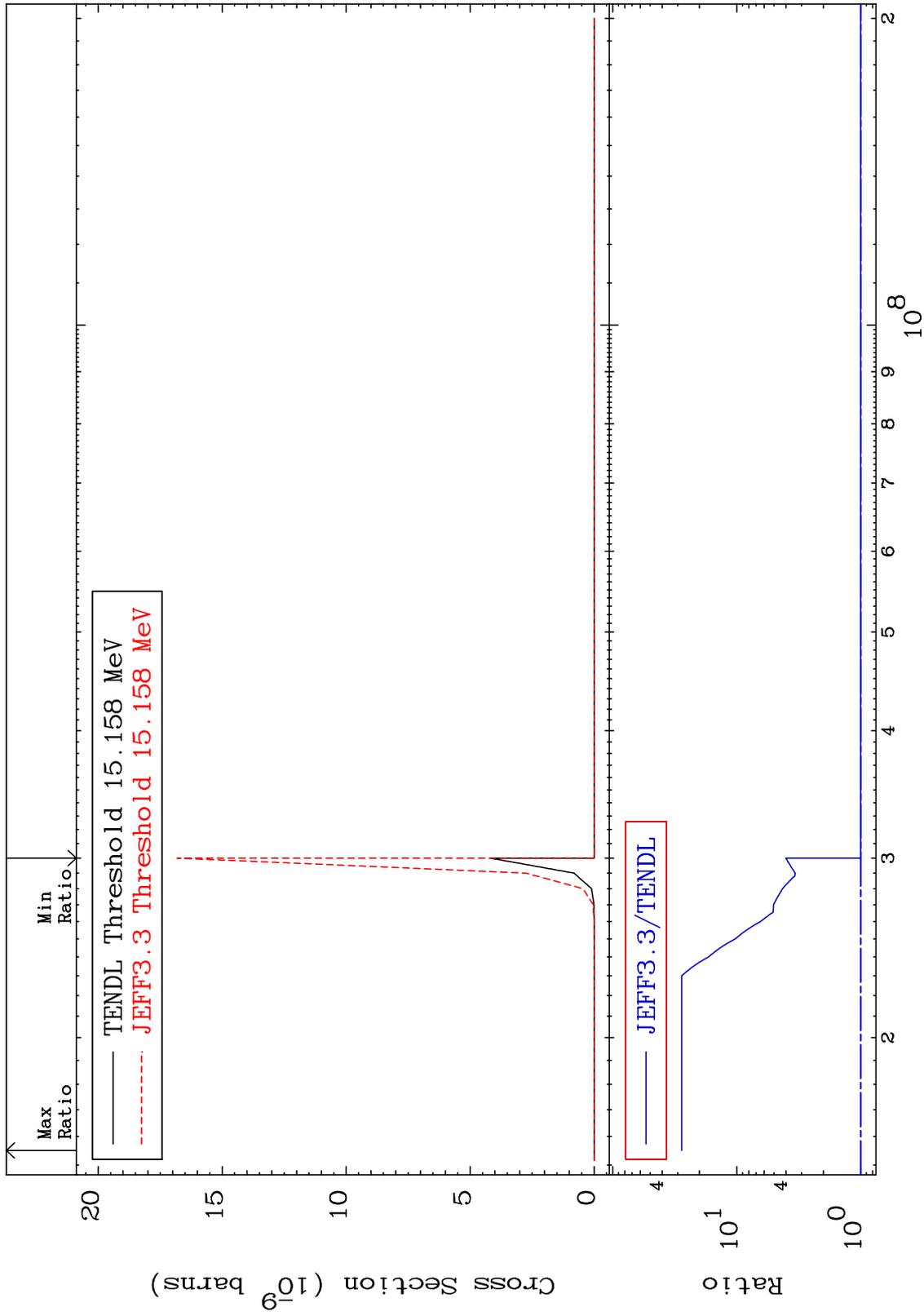
MAT 2031

(n, 3α)

20-Ca-42

Cross Section

0.000 To 2680. %



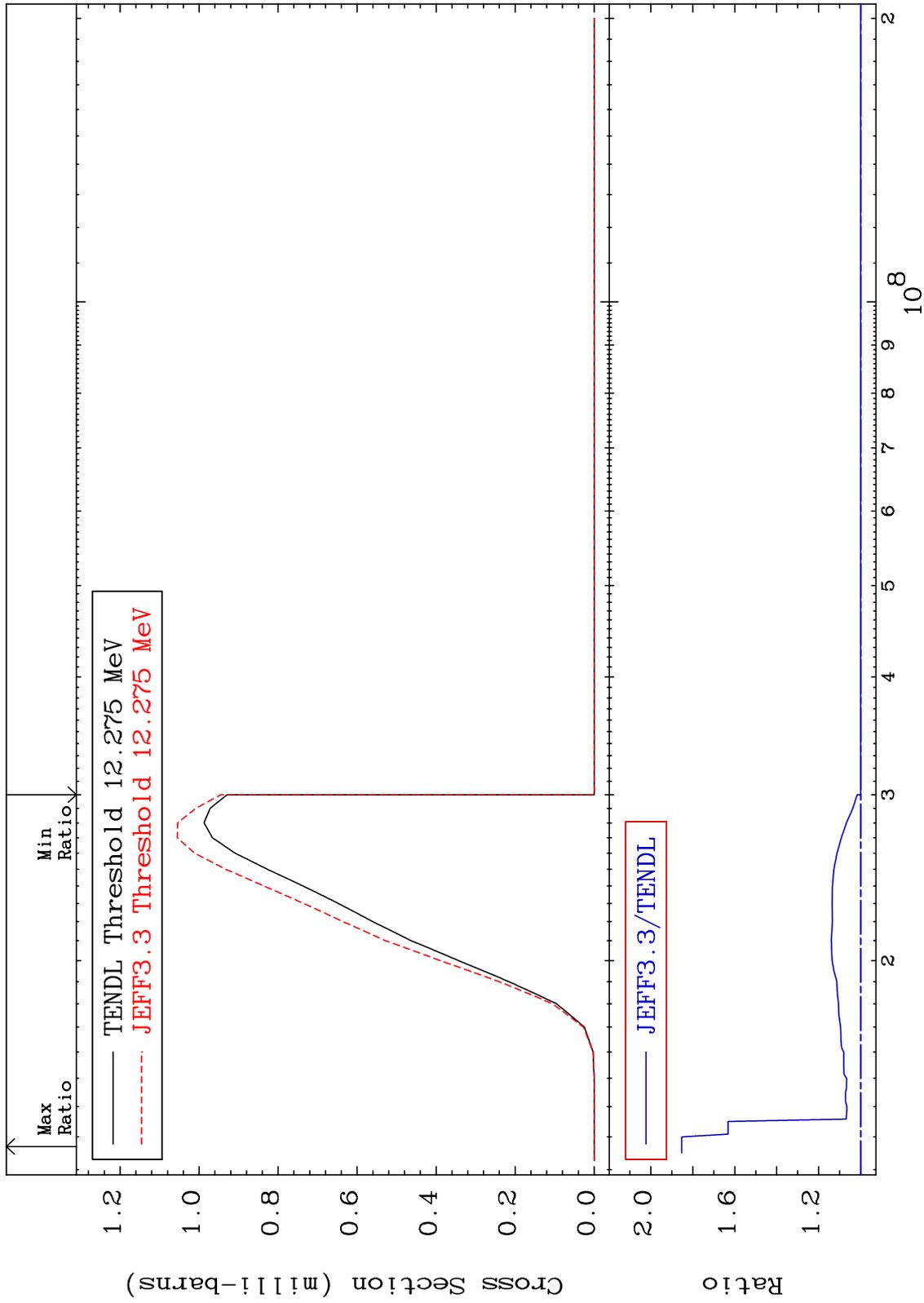
MAT 2031

(n,2p)

20-Ca-42

Cross Section

0.000 To 85.26 %



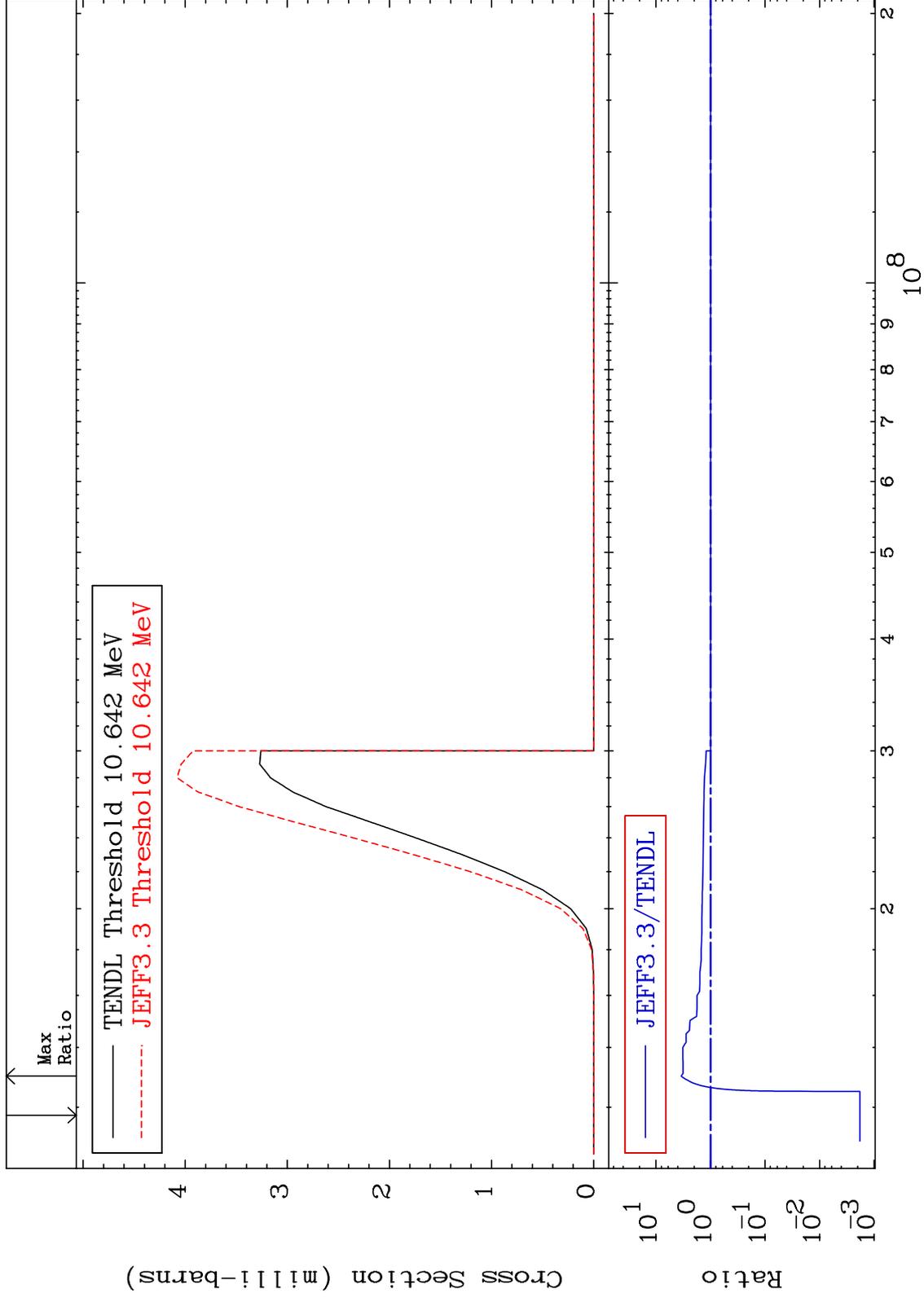
MAT 2031

(n,p) α

20-Ca-42

Cross Section

-99.82 To 246.2 %



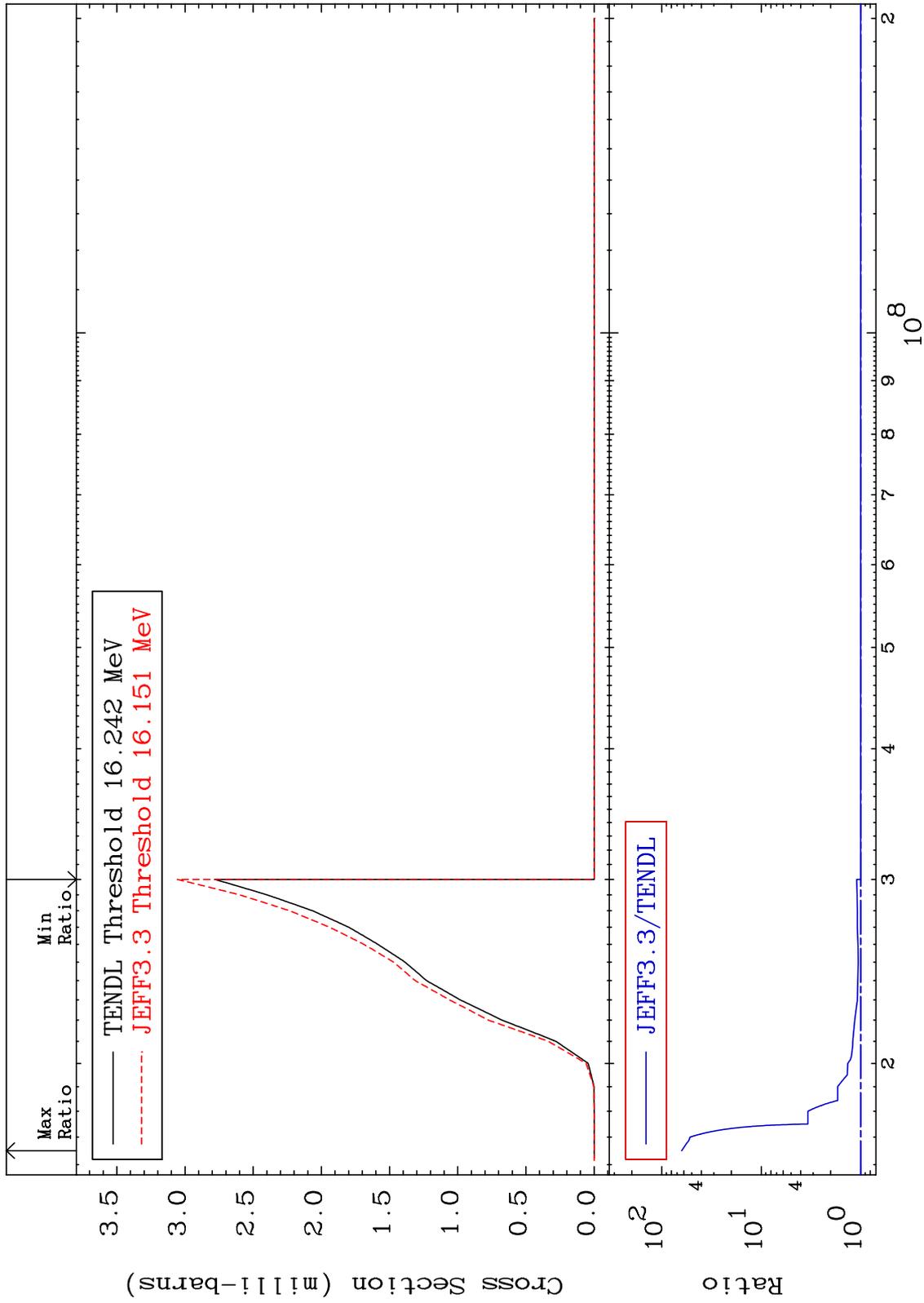
MAT 2031

(n,p) d

20-Ca-42

Cross Section

0.000 To 6192. %



Incident Energy (eV)

20-Ca-42

59

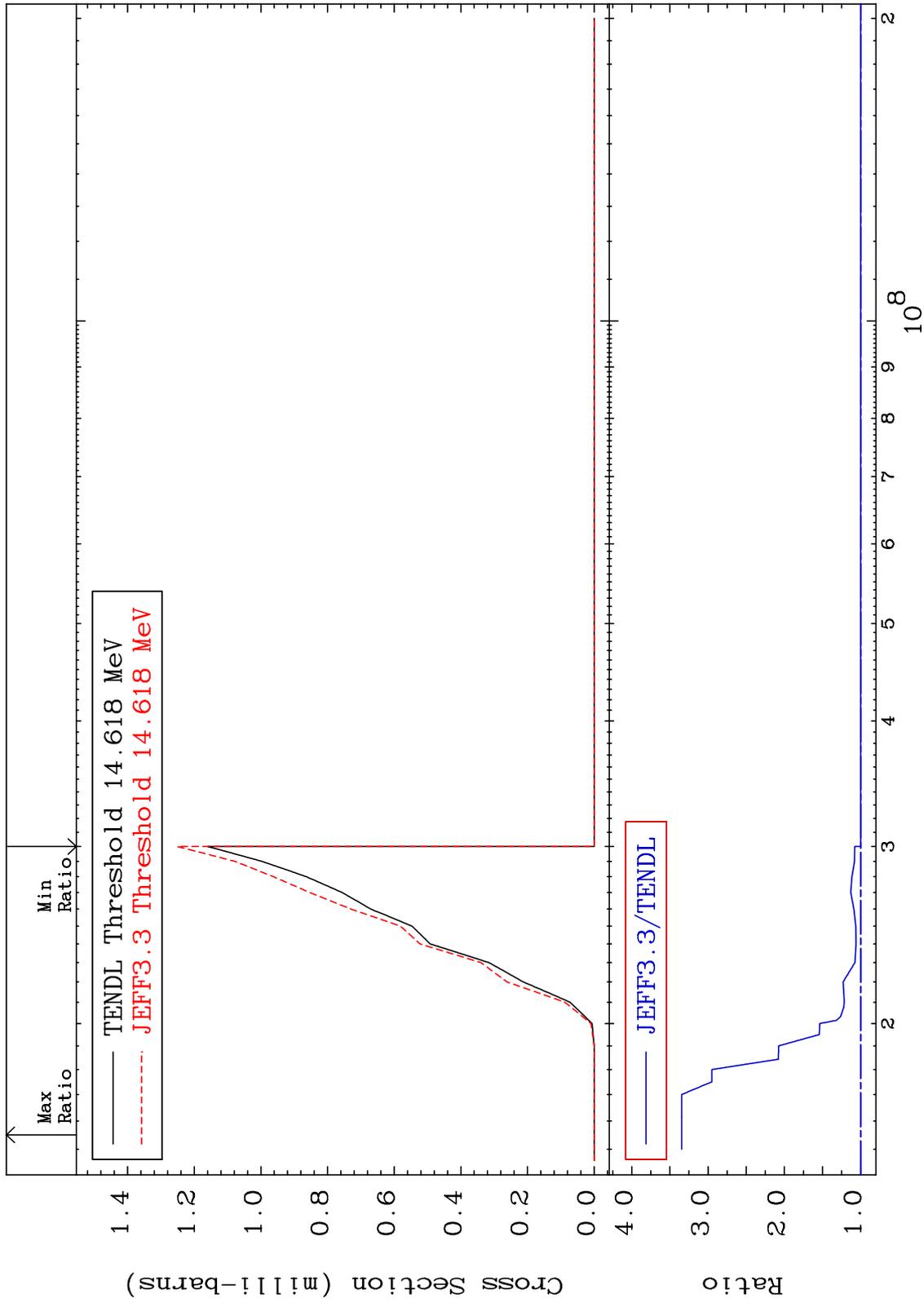
MAT 2031

(n,d) α

20-Ca-42

Cross Section

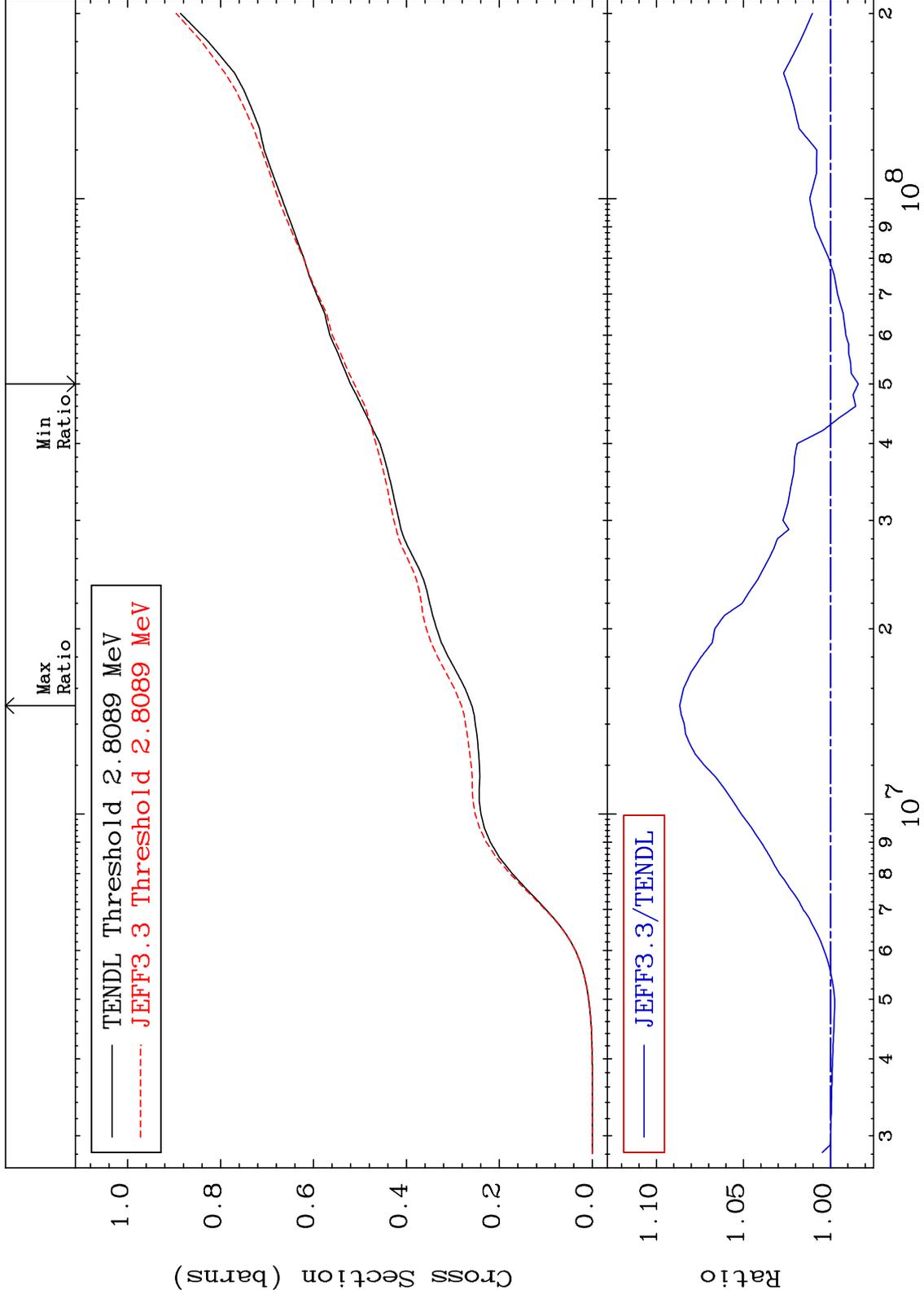
0.000 To 234.5 %



MAT 2031

Hydrogen Production
Cross Section

20-Ca-42
-1.602 To 8.661 %



62

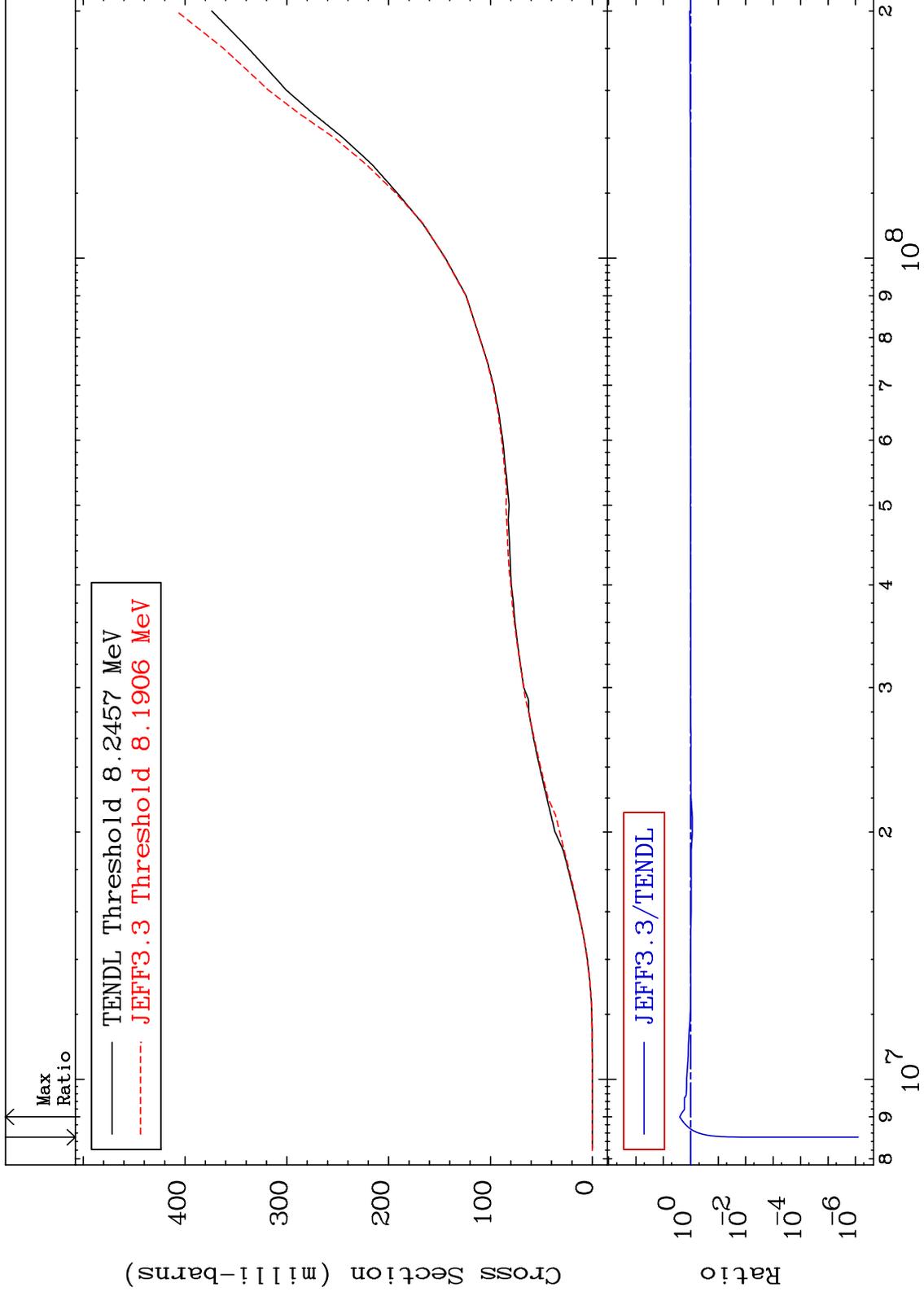
Incident Energy (eV)

20-Ca-42

MAT 2031

Deuterium Production
Cross Section

20-Ca-42
-100.0 To 153.5 %



63

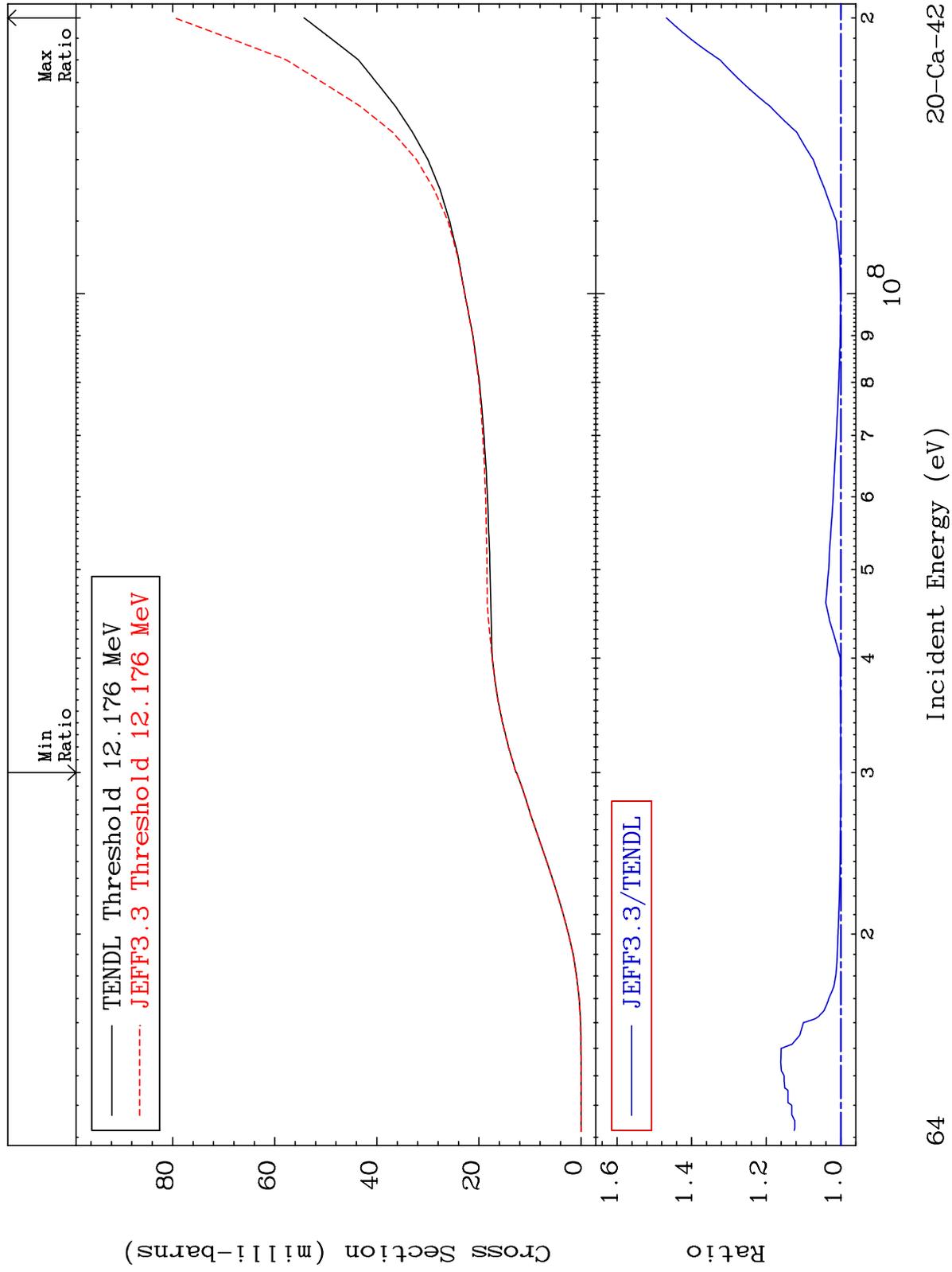
Incident Energy (eV)

20-Ca-42

MAT 2031

Tritium Production
Cross Section

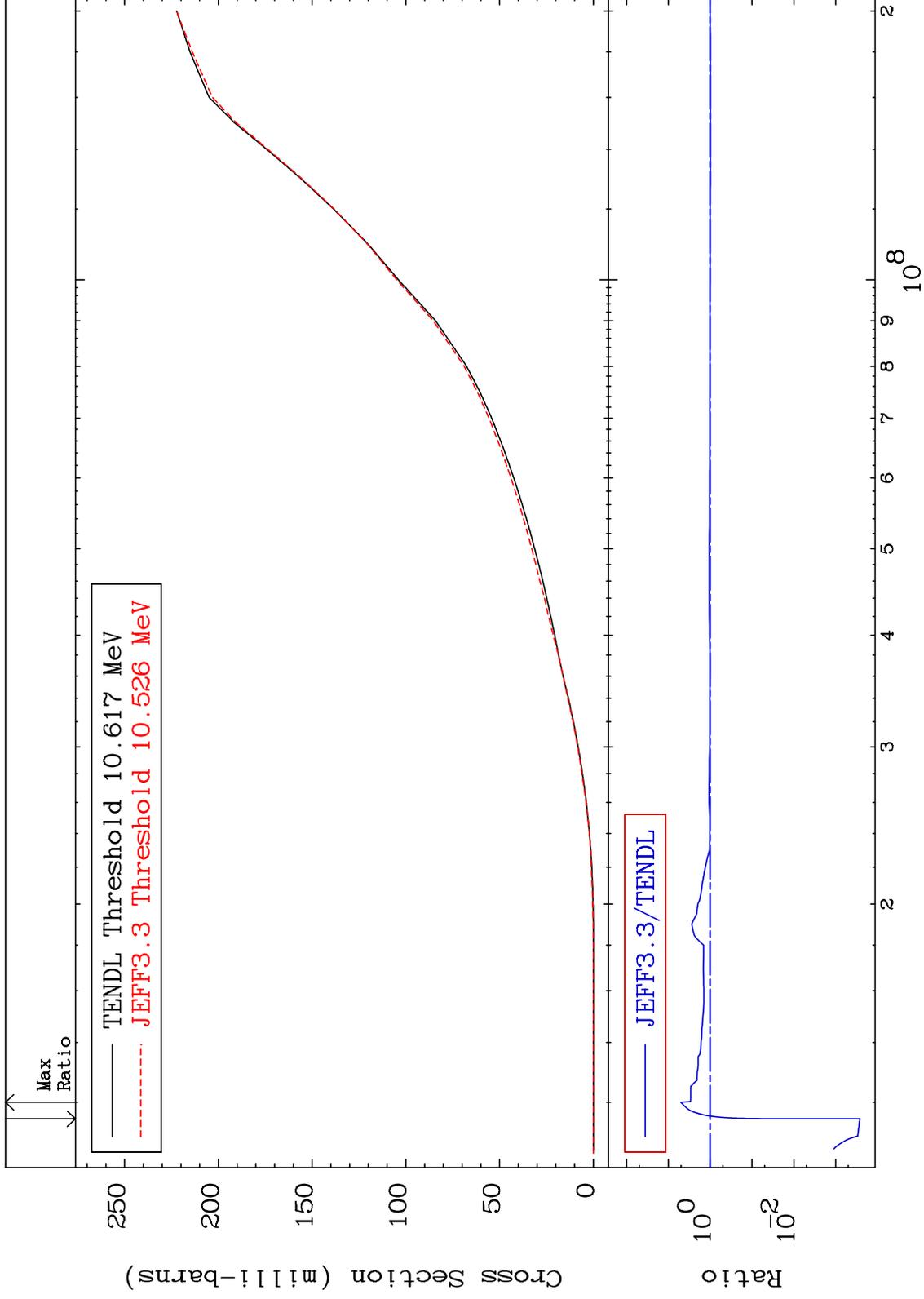
20-Ca-42
-0.031 To 46.75 %



MAT 2031

He-3 Production
Cross Section

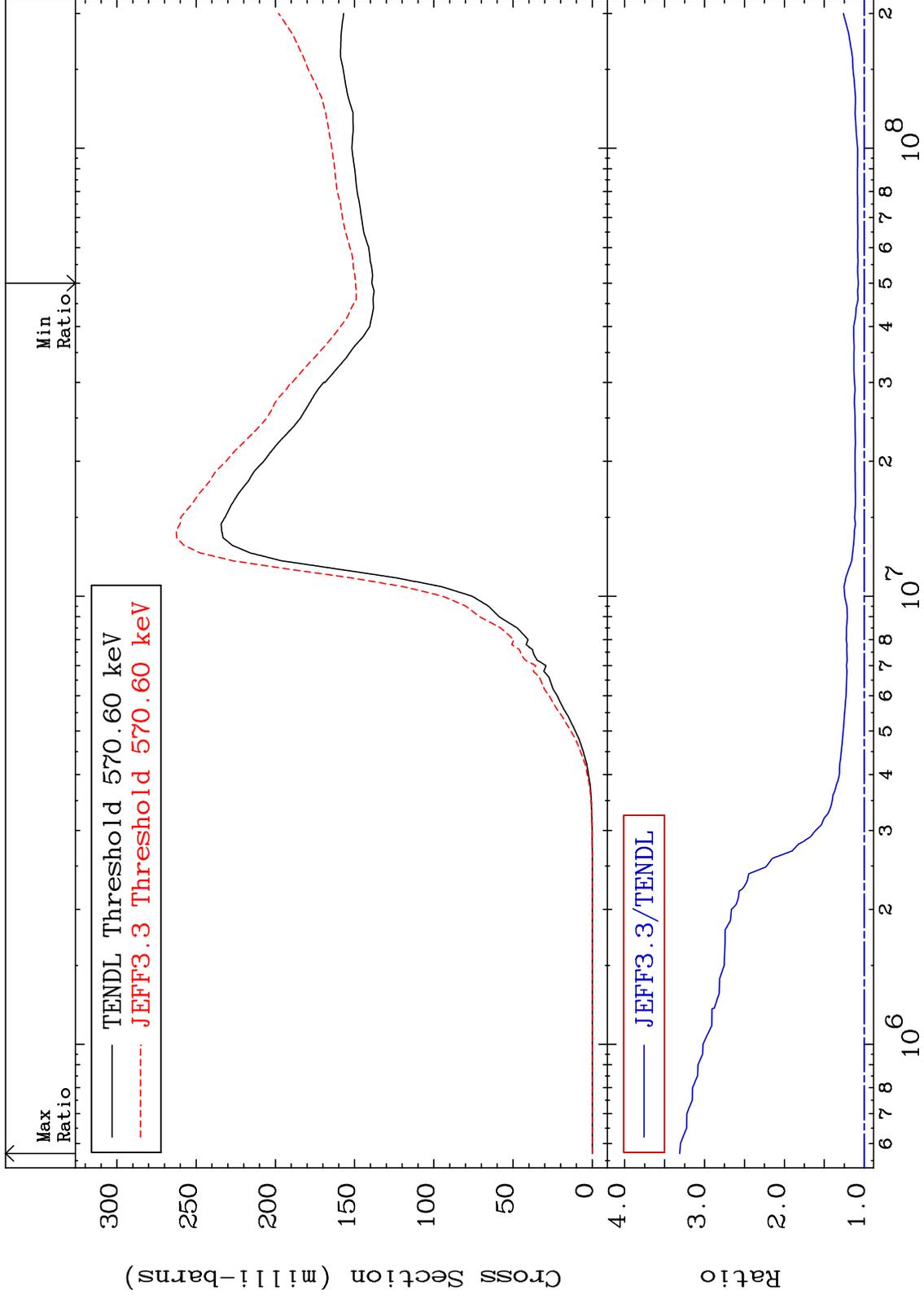
20-Ca-42
-99.97 To 402.3 %



MAT 2031

He-4 Production
Cross Section

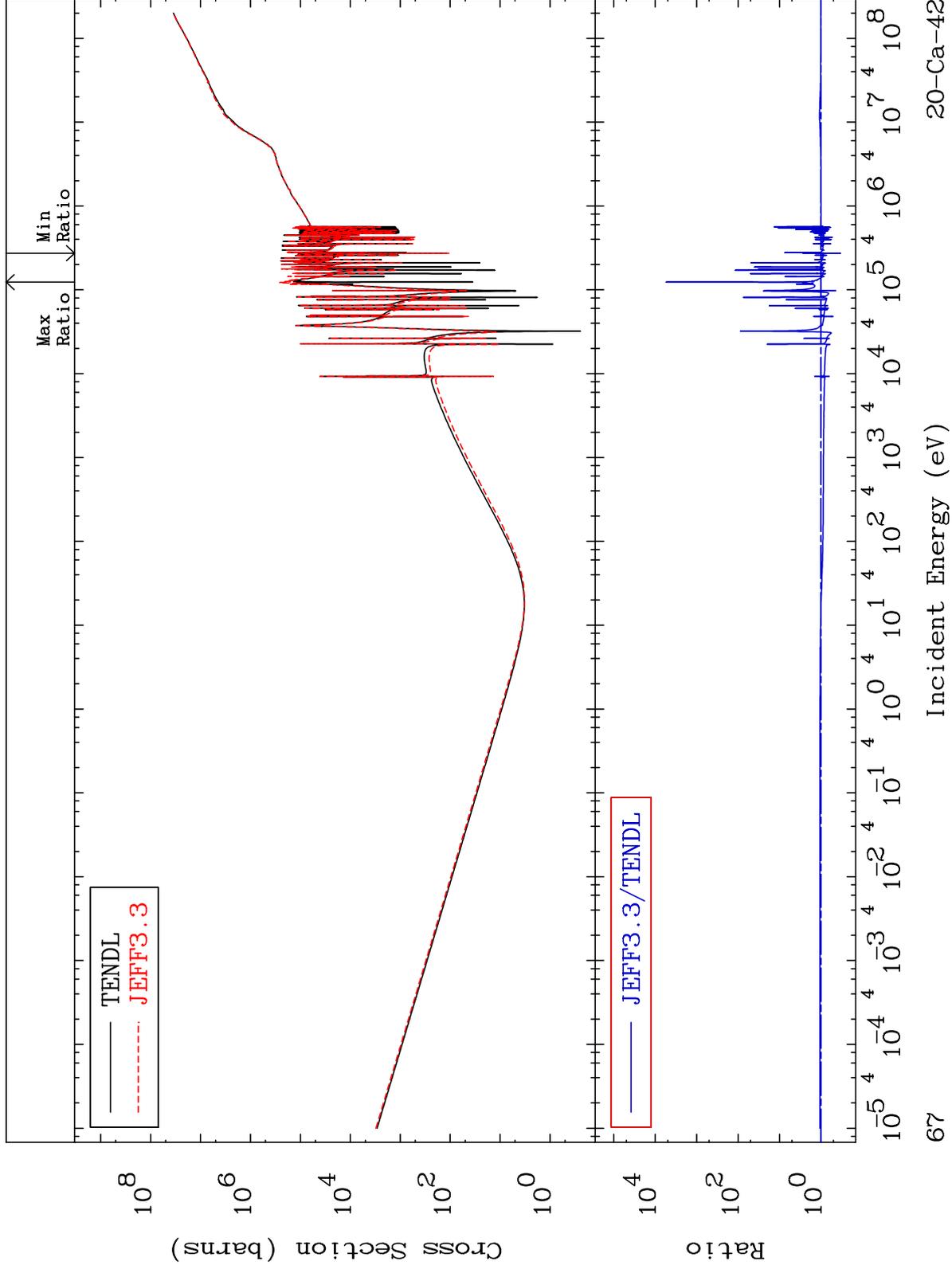
20-Ca-42
7.372 To 231.1 %



MAT 2031

Kerma total (eV-barns)
Cross Section

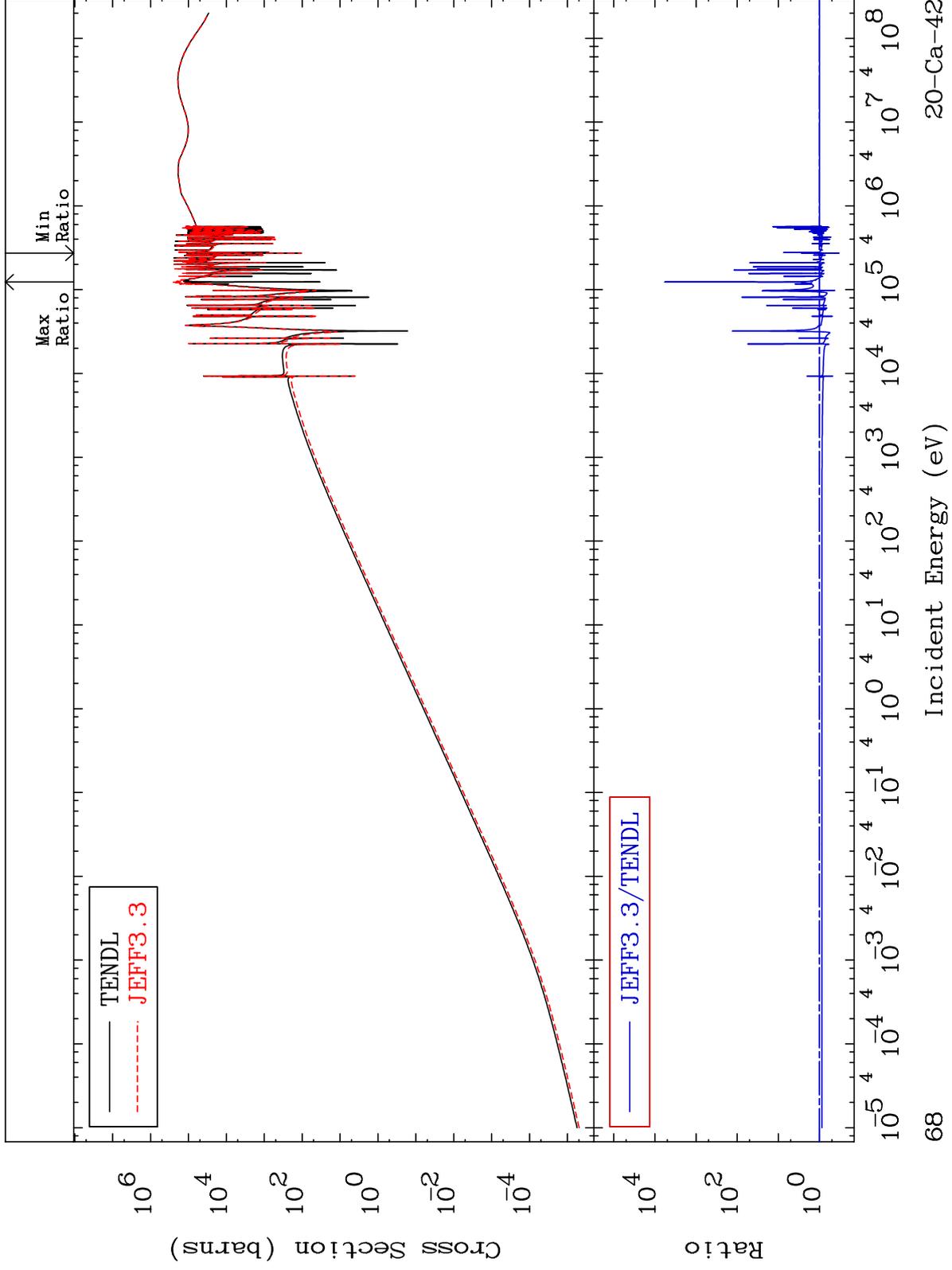
20-Ca-42
-66.64 To 9999. %



MAT 2031

Kerma elastic
Cross Section

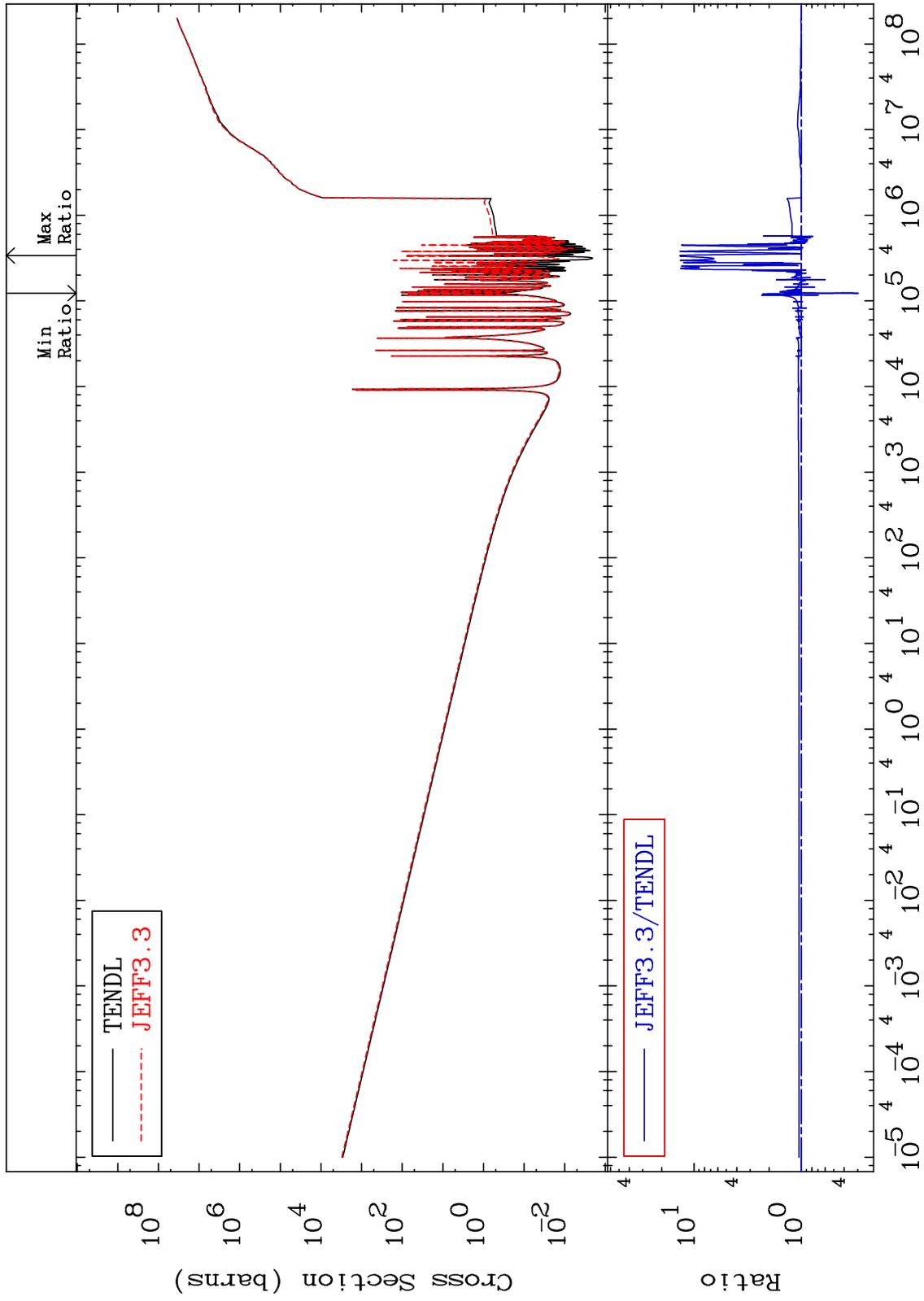
20-Ca-42
-66.68 To 9999. %



MAT 2031

Kerma non-elastic (all but mt2)
Cross Section

20-Ca-42
-70.51 To 1252. %



69

Incident Energy (eV)

20-Ca-42

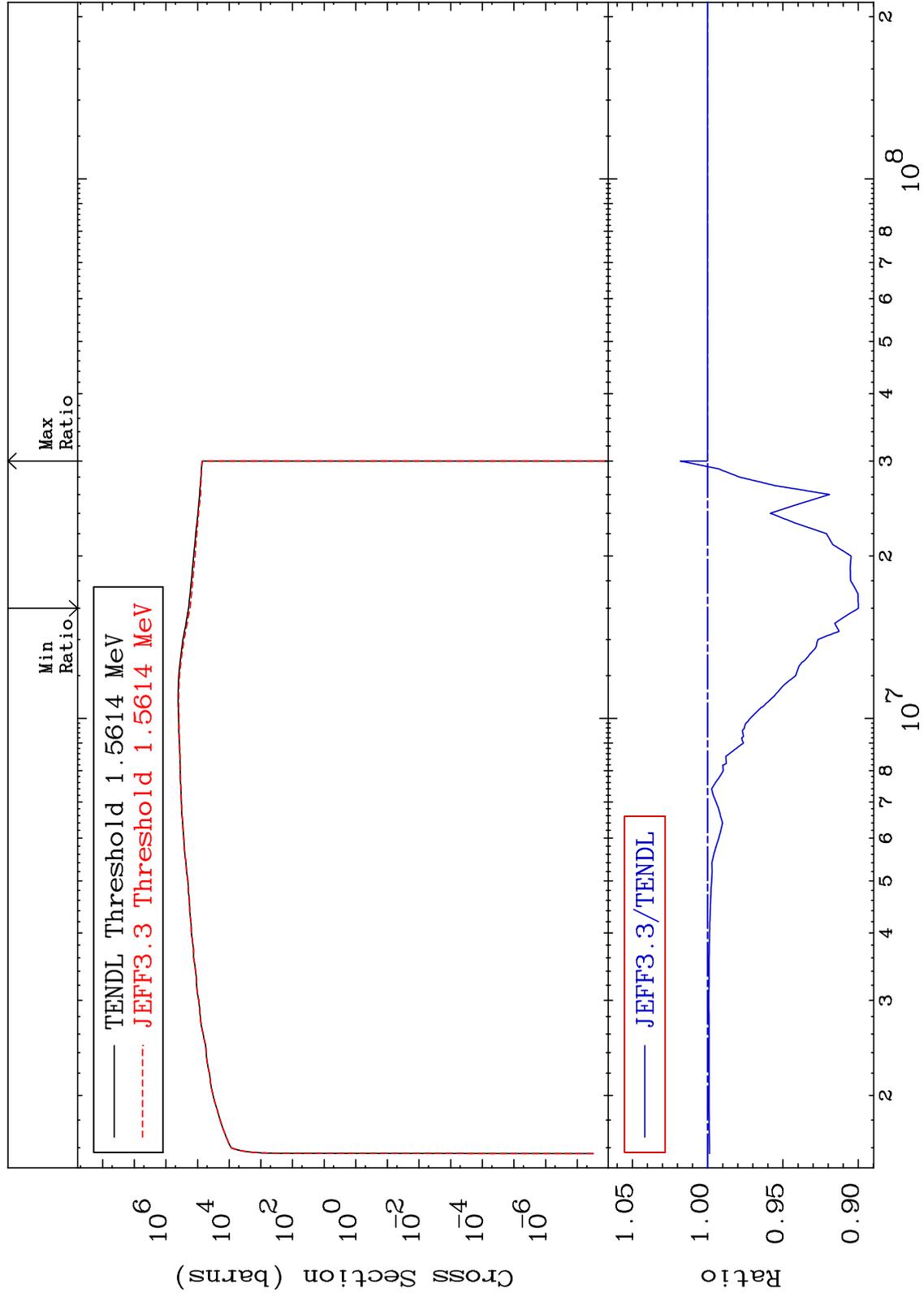
MAT 2031

Kerma inelastic (mt51-91)

20-Ca-42

Cross Section

-10.01 To 1.809 %



70

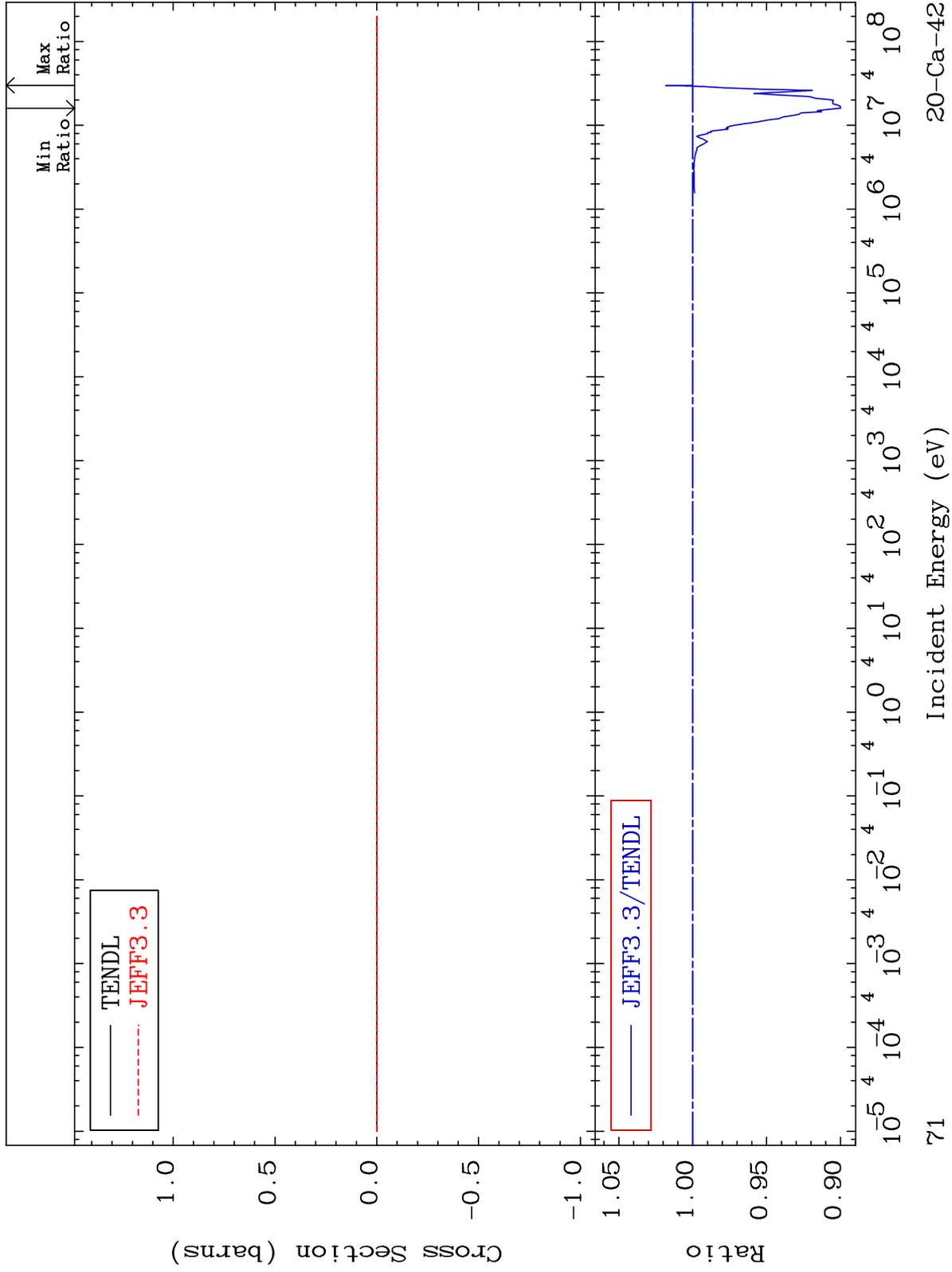
Incident Energy (eV)

20-Ca-42

MAT 2031

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

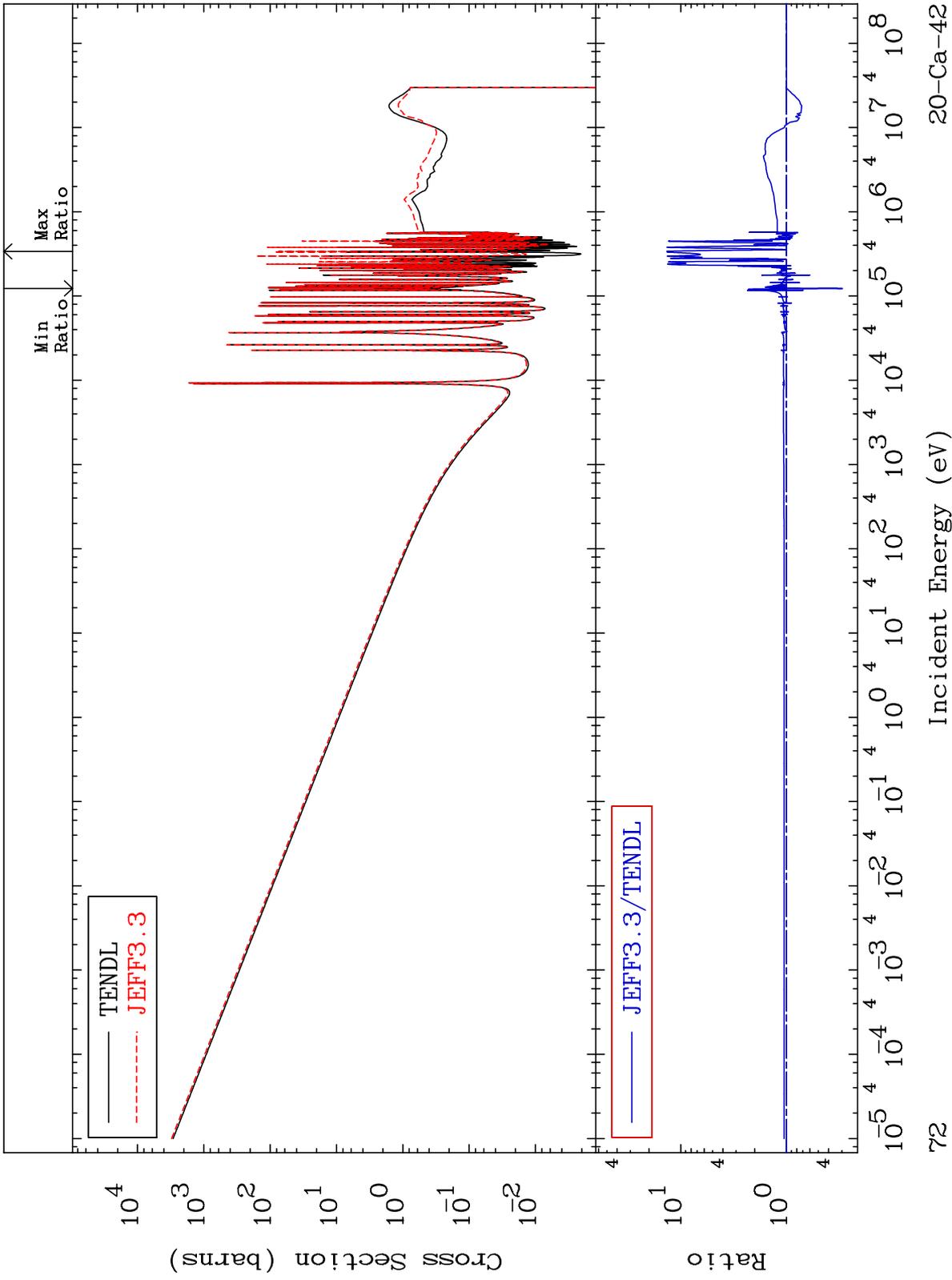
20-Ca-42
-10.01 To 1.809 %



MAT 2031

Kerma capture (mt102)
Cross Section

20-Ca-42
-70.51 To 1252. %



72

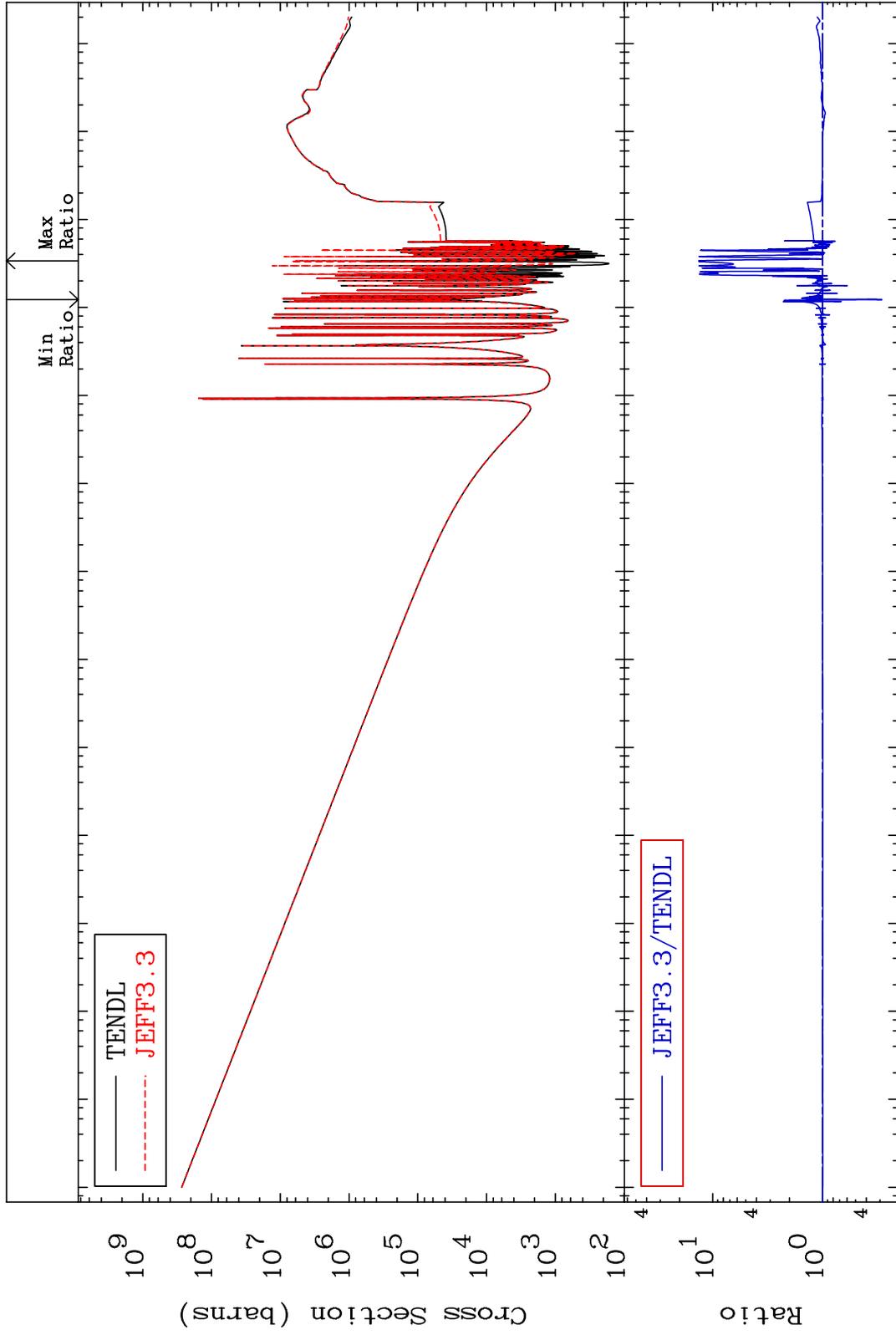
Incident Energy (eV)

20-Ca-42

MAT 2031

Total photon (eV-barns)
Cross Section

20-Ca-42
-71.25 To 1242. %



73

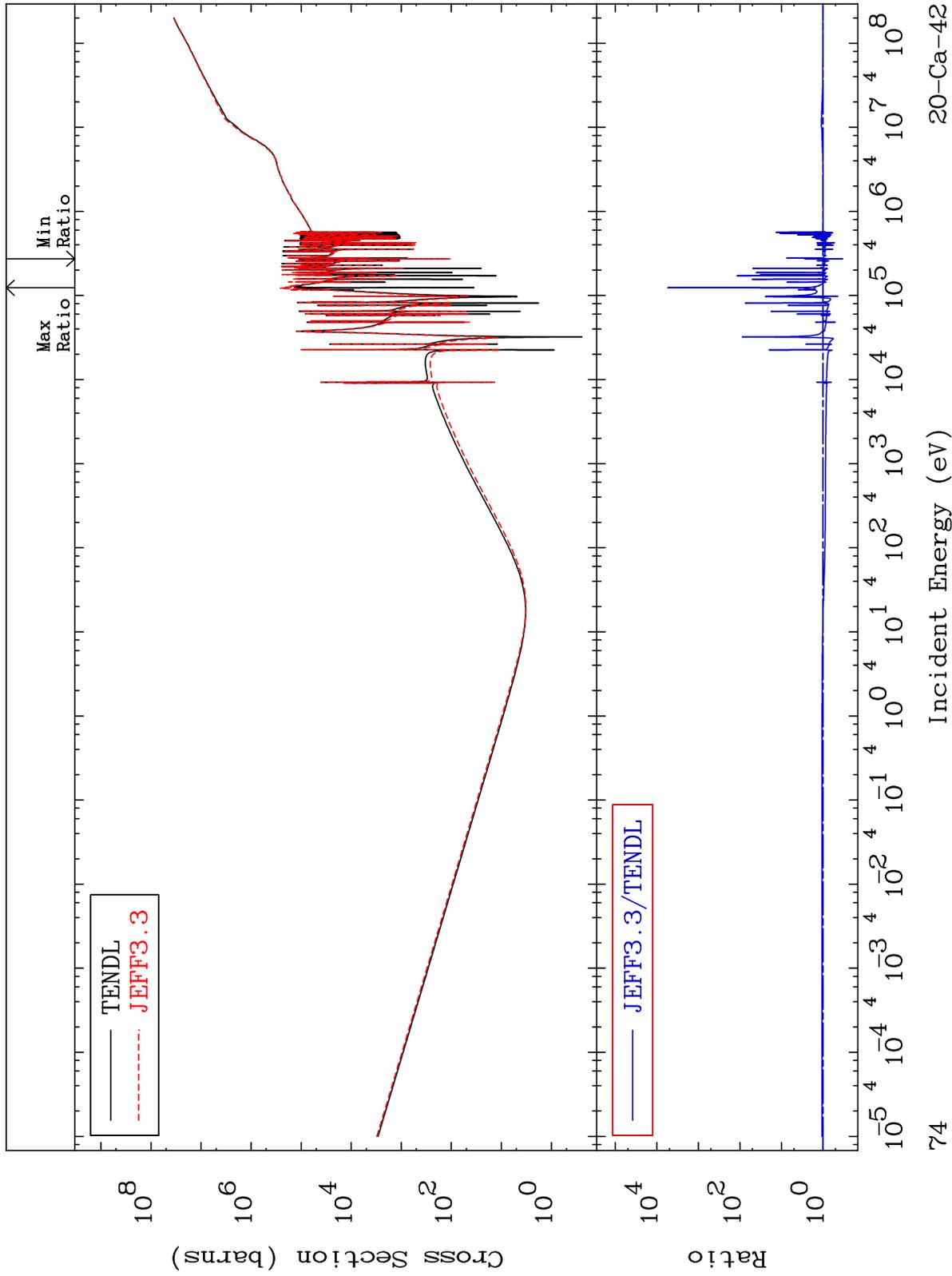
Incident Energy (eV)

20-Ca-42

MAT 2031

Total kinematic kerma (high limit)
Cross Section

20-Ca-42
-66.64 To 9999. %



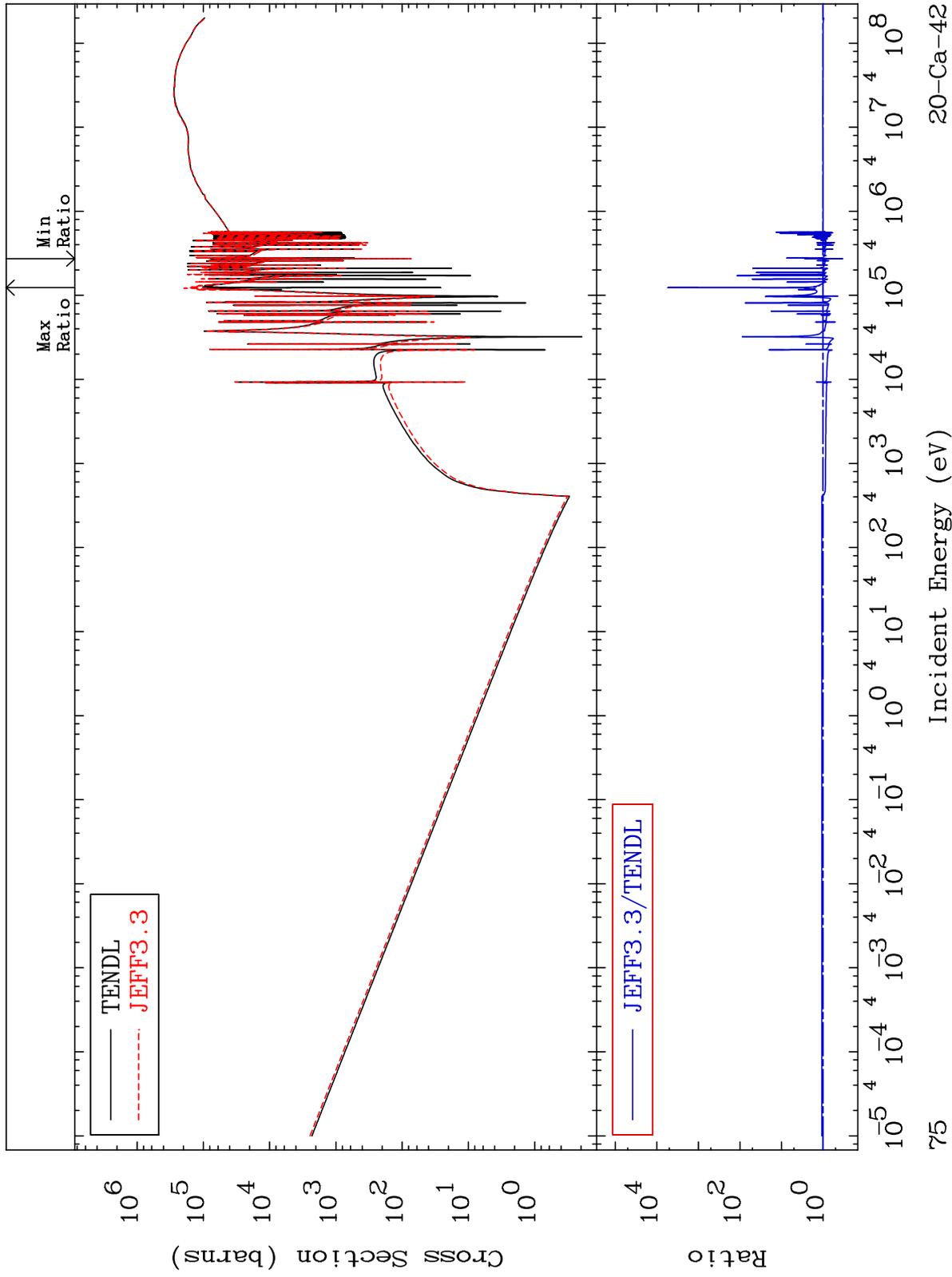
74

20-Ca-42

MAT 2031

Dpa total (eV-barns)
Cross Section

20-Ca-42
-66.64 To 9999. %



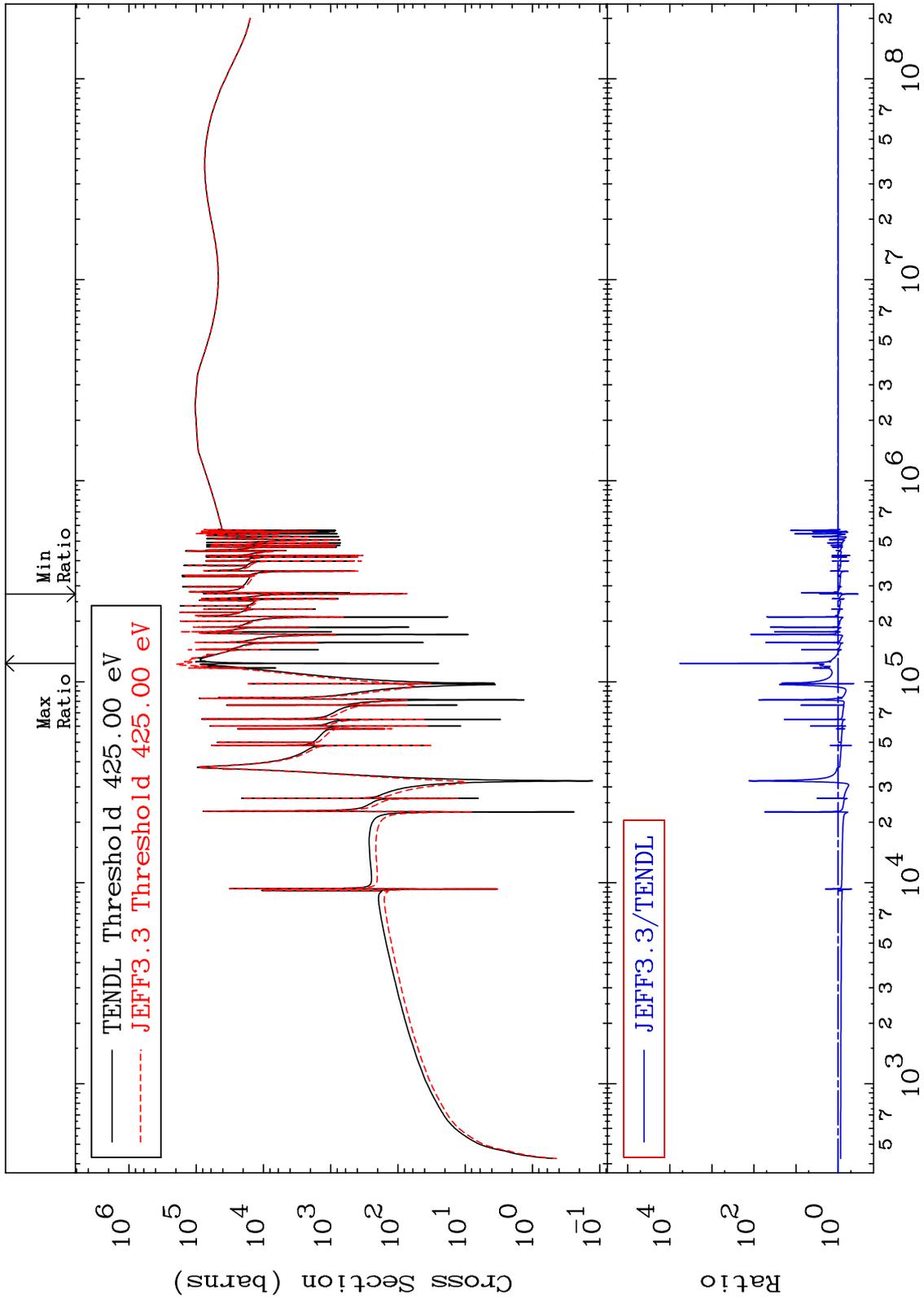
75

20-Ca-42

MAT 2031

Dpa elastic (mt2)
Cross Section

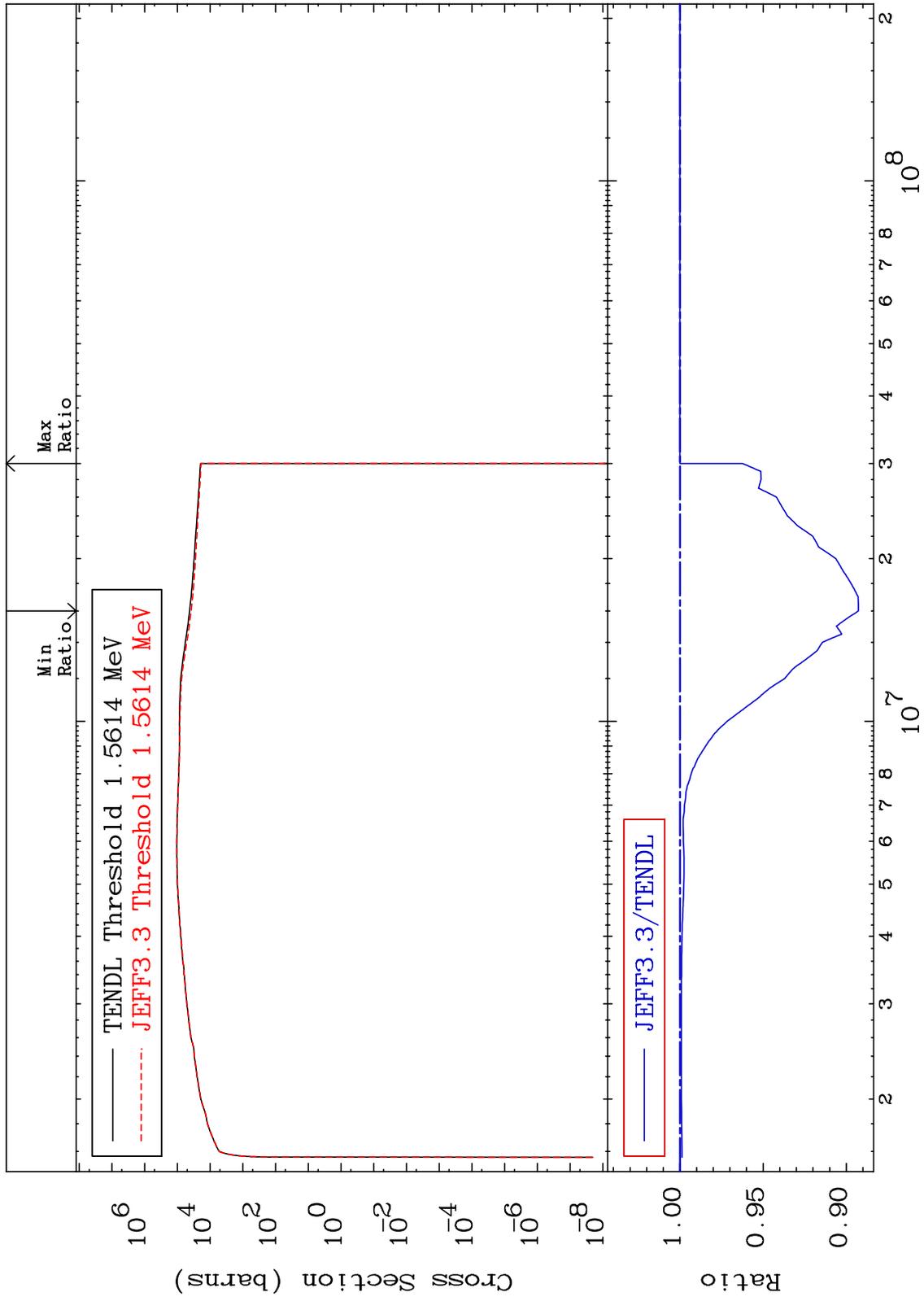
20-Ca-42
-66.68 To 9999. %



MAT 2031

Dpa inelastic (mt51-91)
Cross Section

20-Ca-42
-10.72 To 0.000 %



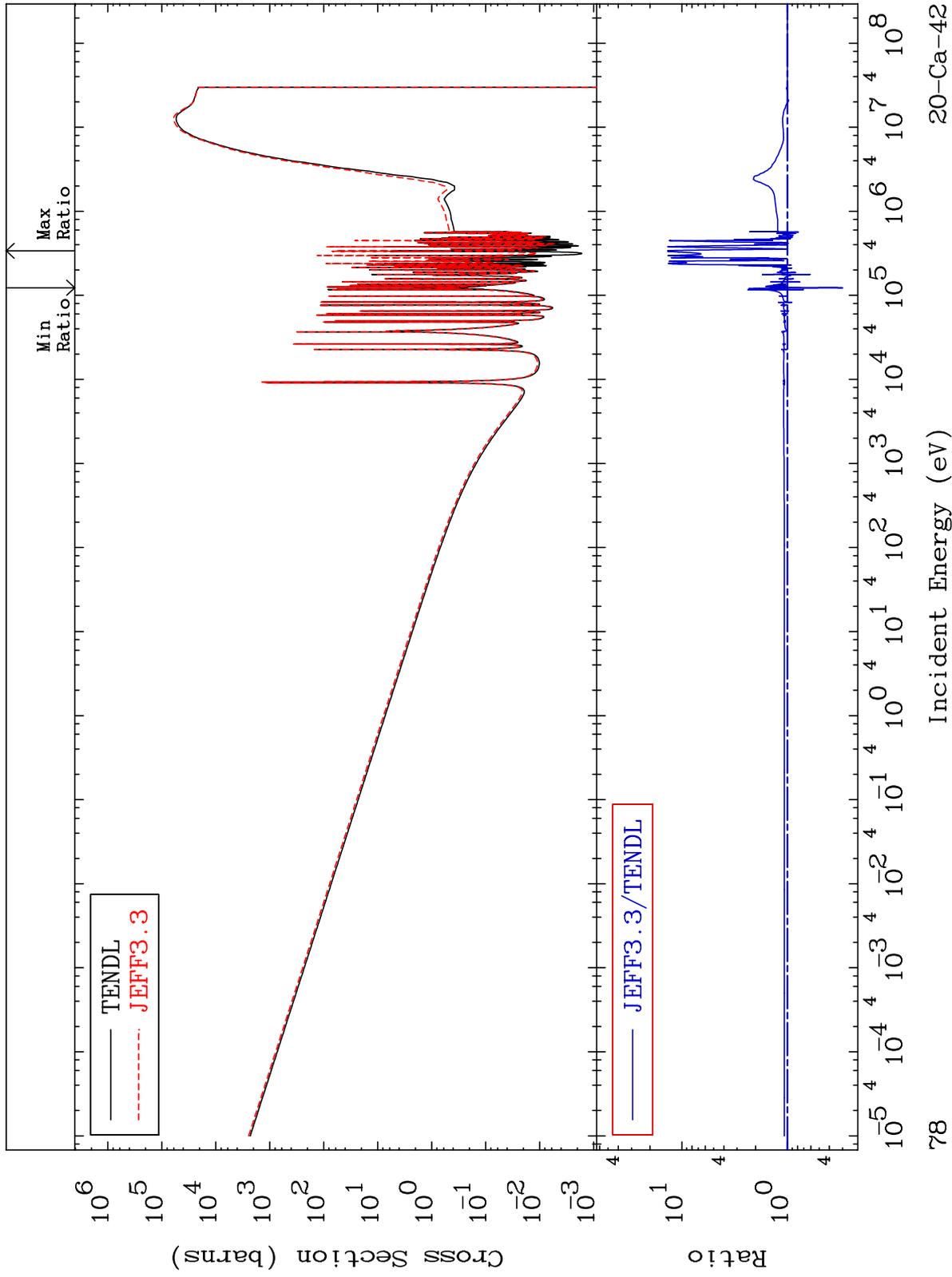
77

20-Ca-42

MAT 2031

Dpa disappearance (mt102 -120)
Cross Section

20-Ca-42
-70.20 To 1264. %



78

Incident Energy (eV)

20-Ca-42

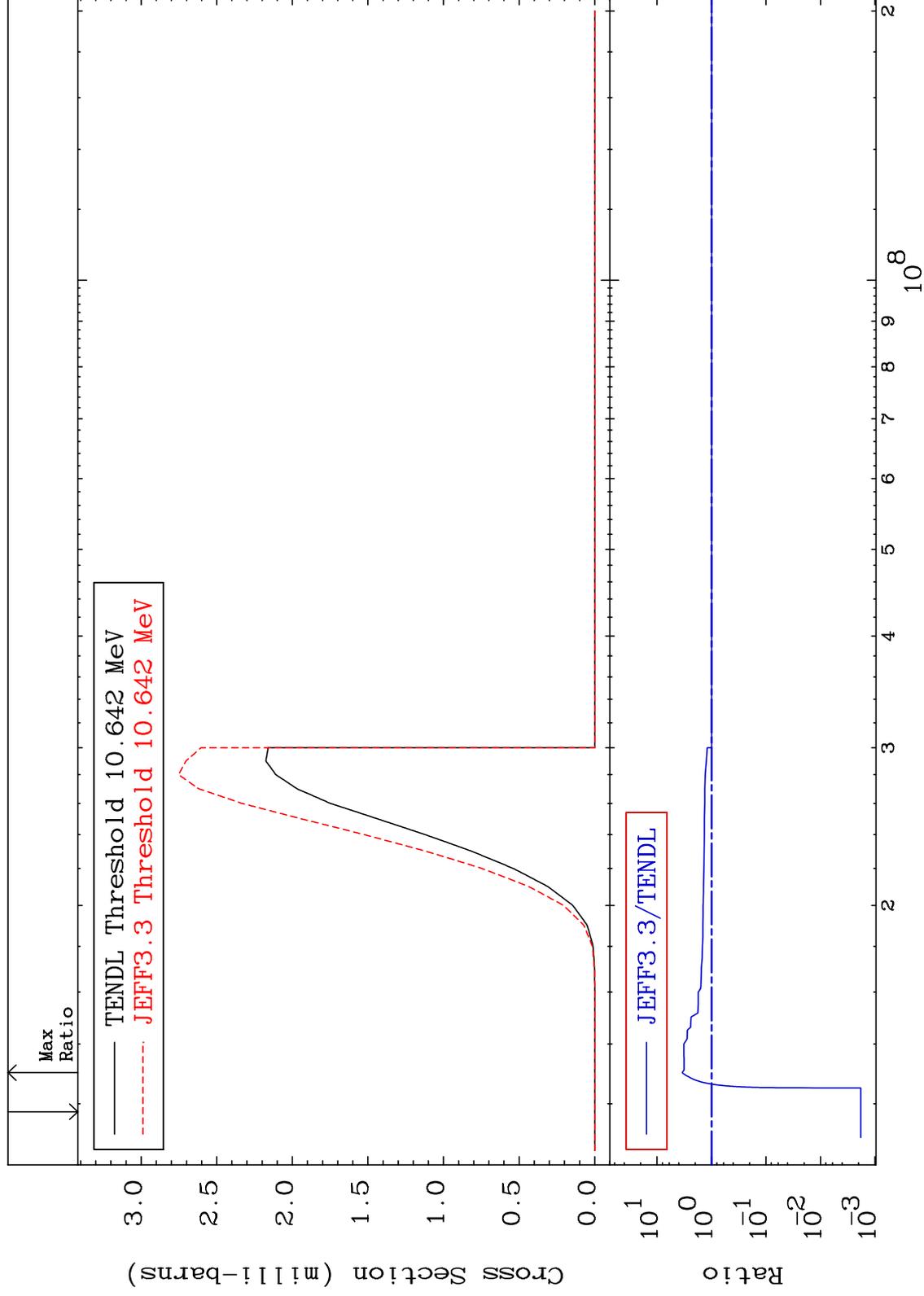
MAT 2031

(n,p) α :17-Cl-38g

20-Ca-42

Radionuclide Production Cross Section

-99.82 To 246.2 %



MAT 2031

(n, p) α : 17-Cl-38m1

20-Ca-42

Radionuclide Production Cross Section 0.000 To 288.6 %

