

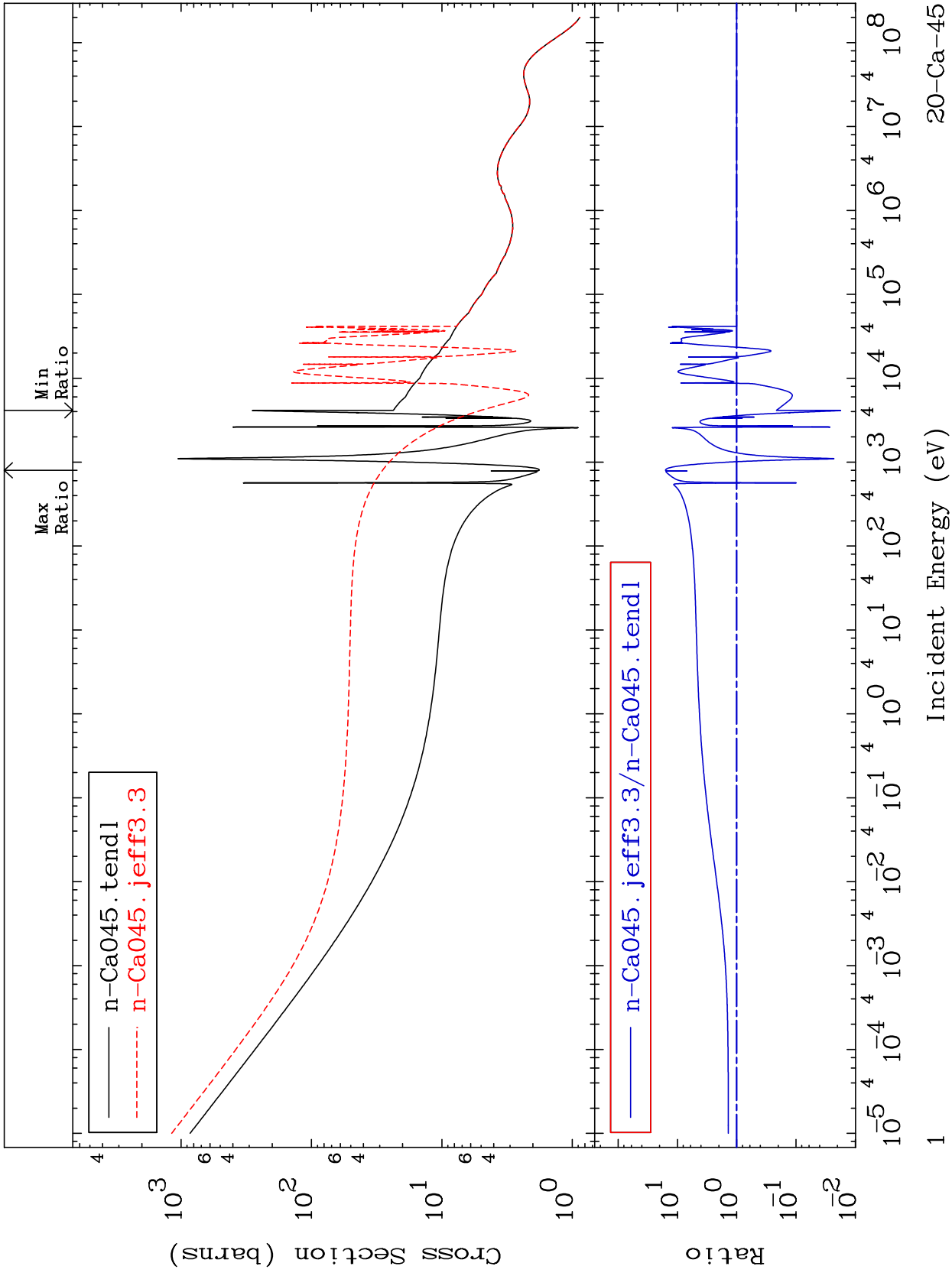
MAT 2040

Total

20-Ca-45

-98.24 To 1490. %

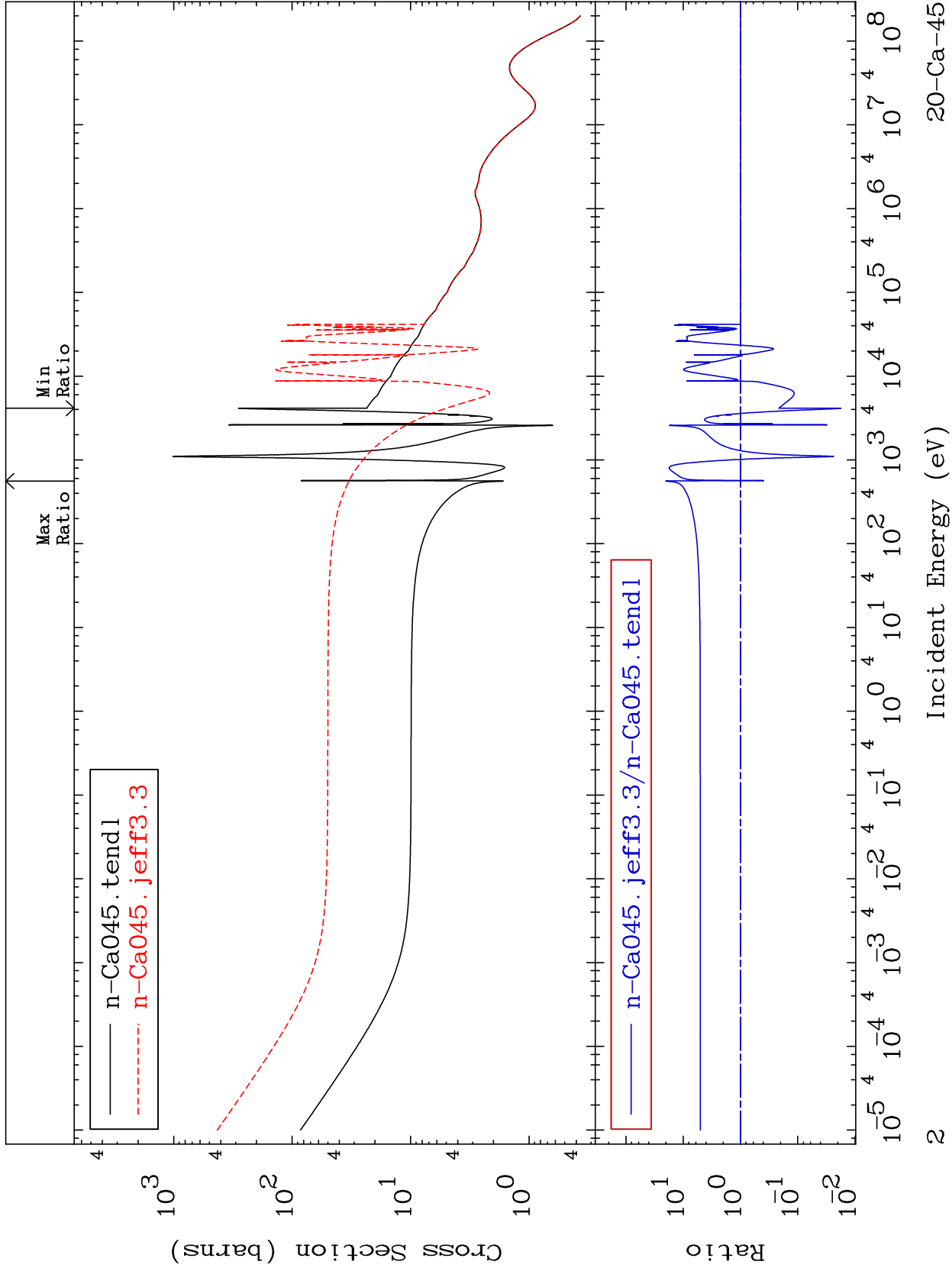
Cross Section



MAT 2040

Elastic
Cross Section

20-Ca-45
-98.23 To 1900. %



2

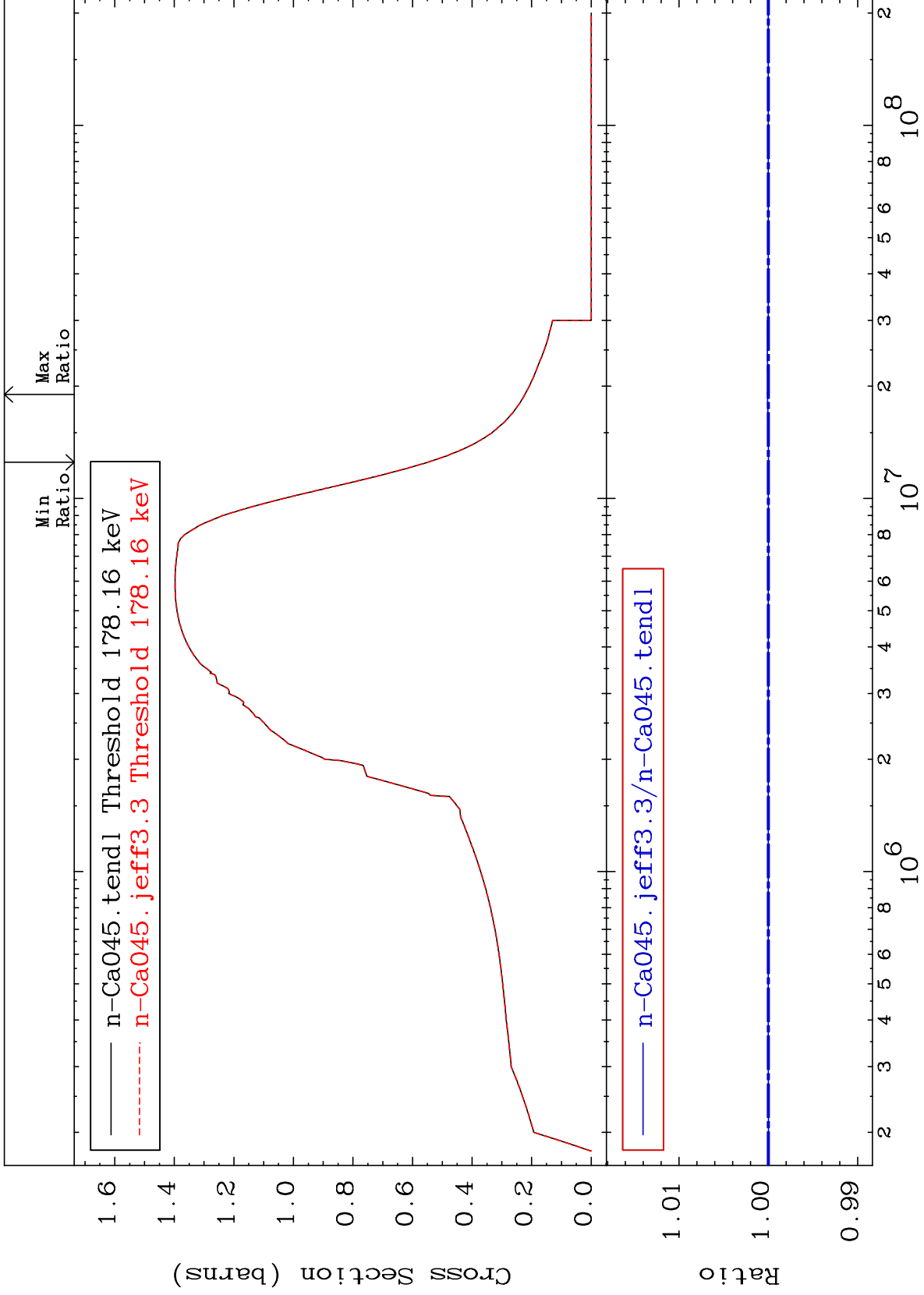
Incident Energy (eV)

20-Ca-45

MAT 2040

Inelastic
Cross Section

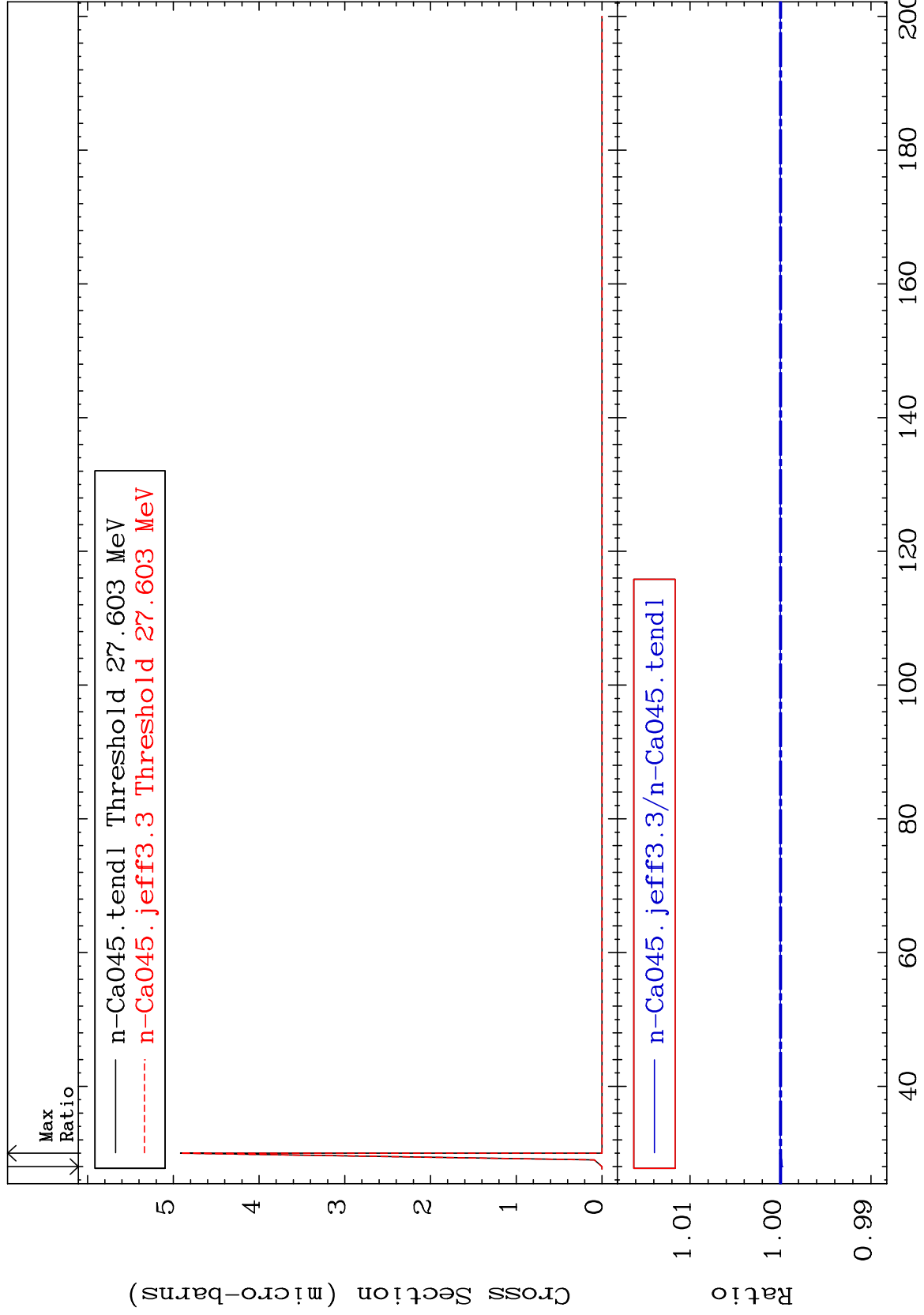
20-Ca-45
-0.002 To 0.010 %



MAT 2040

(n,2n) d
Cross Section

20-Ca-45
-0.018 To 0.007 %



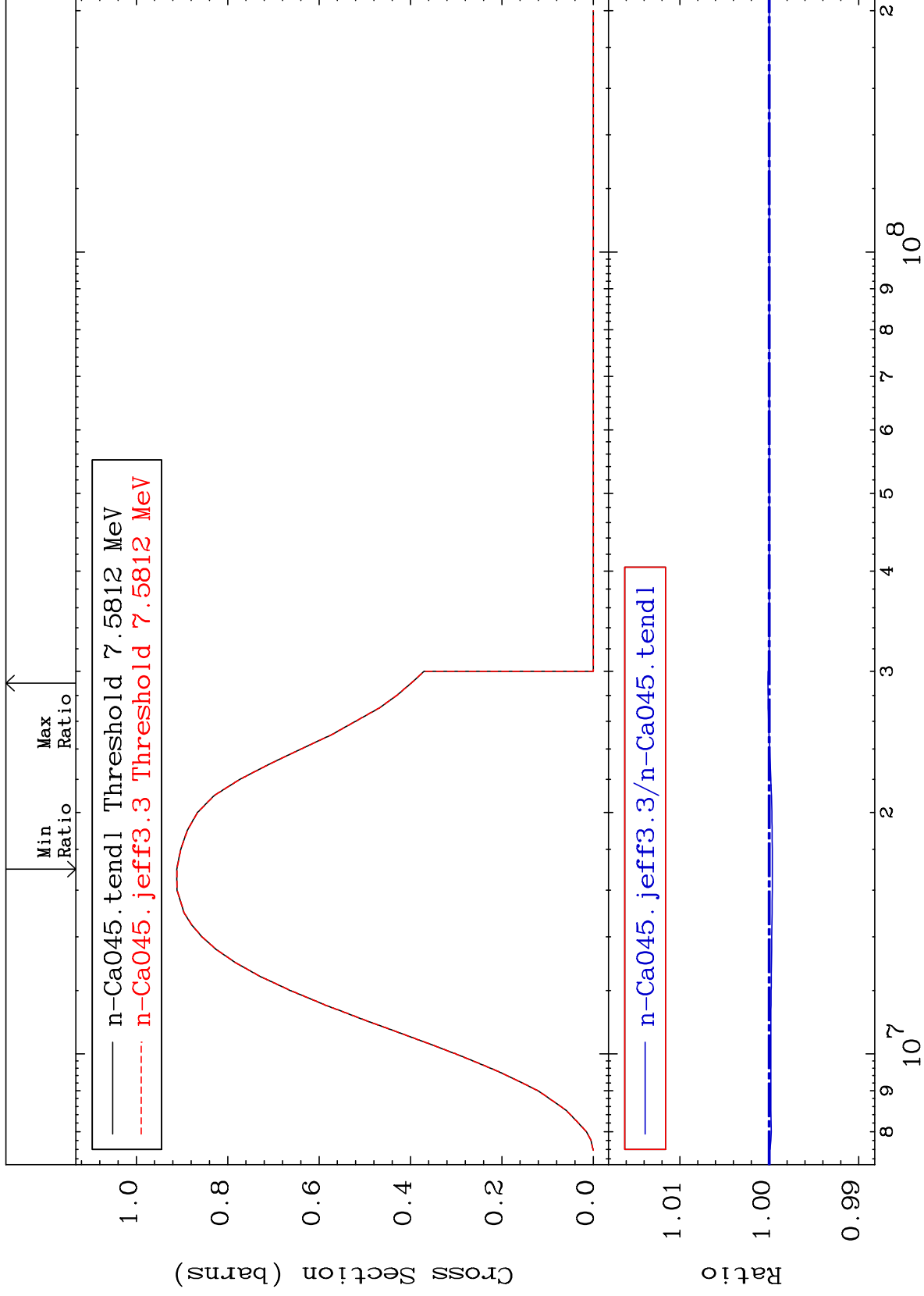
MAT 2040

(n,2n)

20-Ca-45

Cross Section

-0.034 To 0.013 %



Incident Energy (eV)

20-Ca-45

5

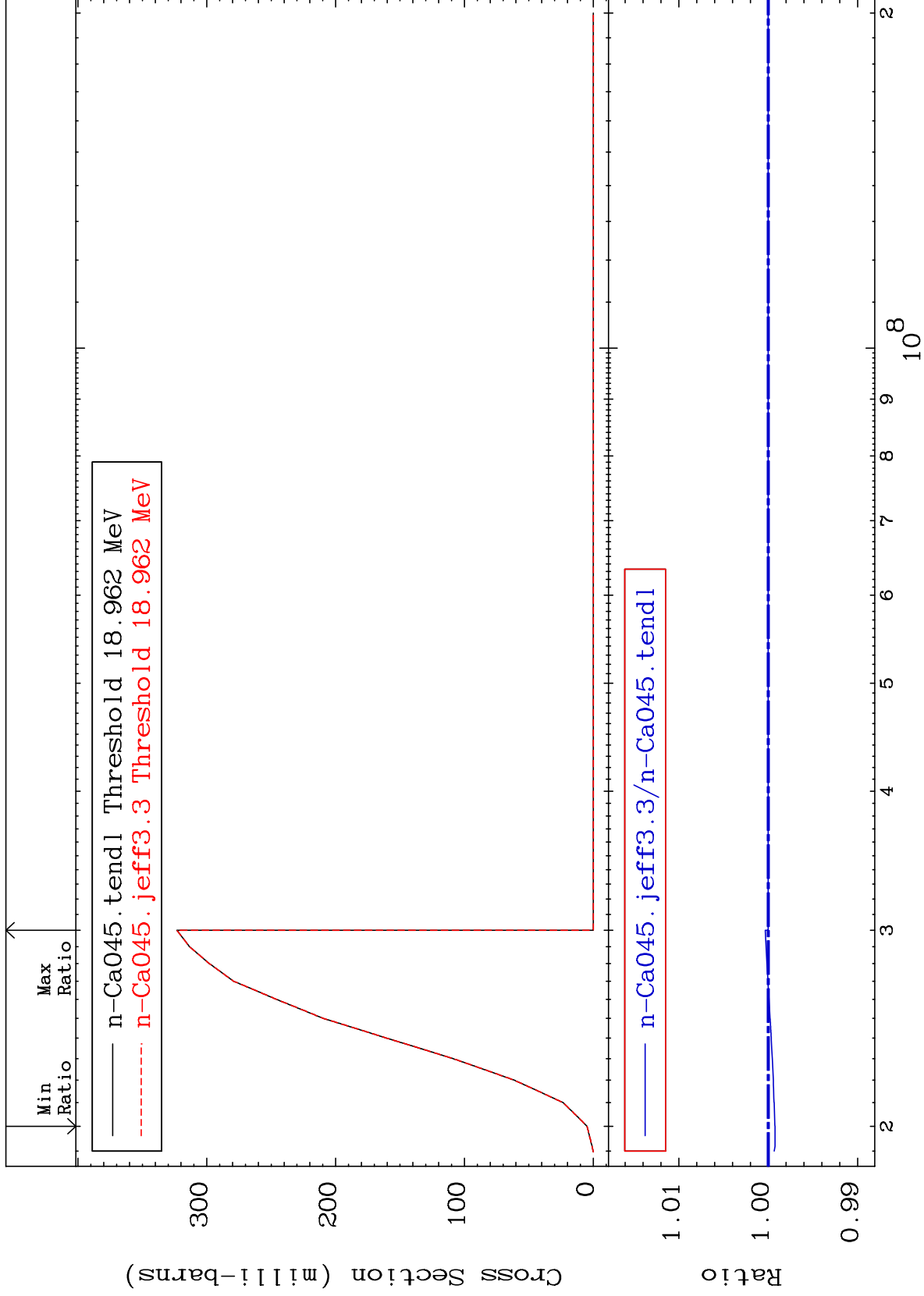
MAT 2040

(n,3n)

20-Ca-45

Cross Section

-0.076 To 0.033 %



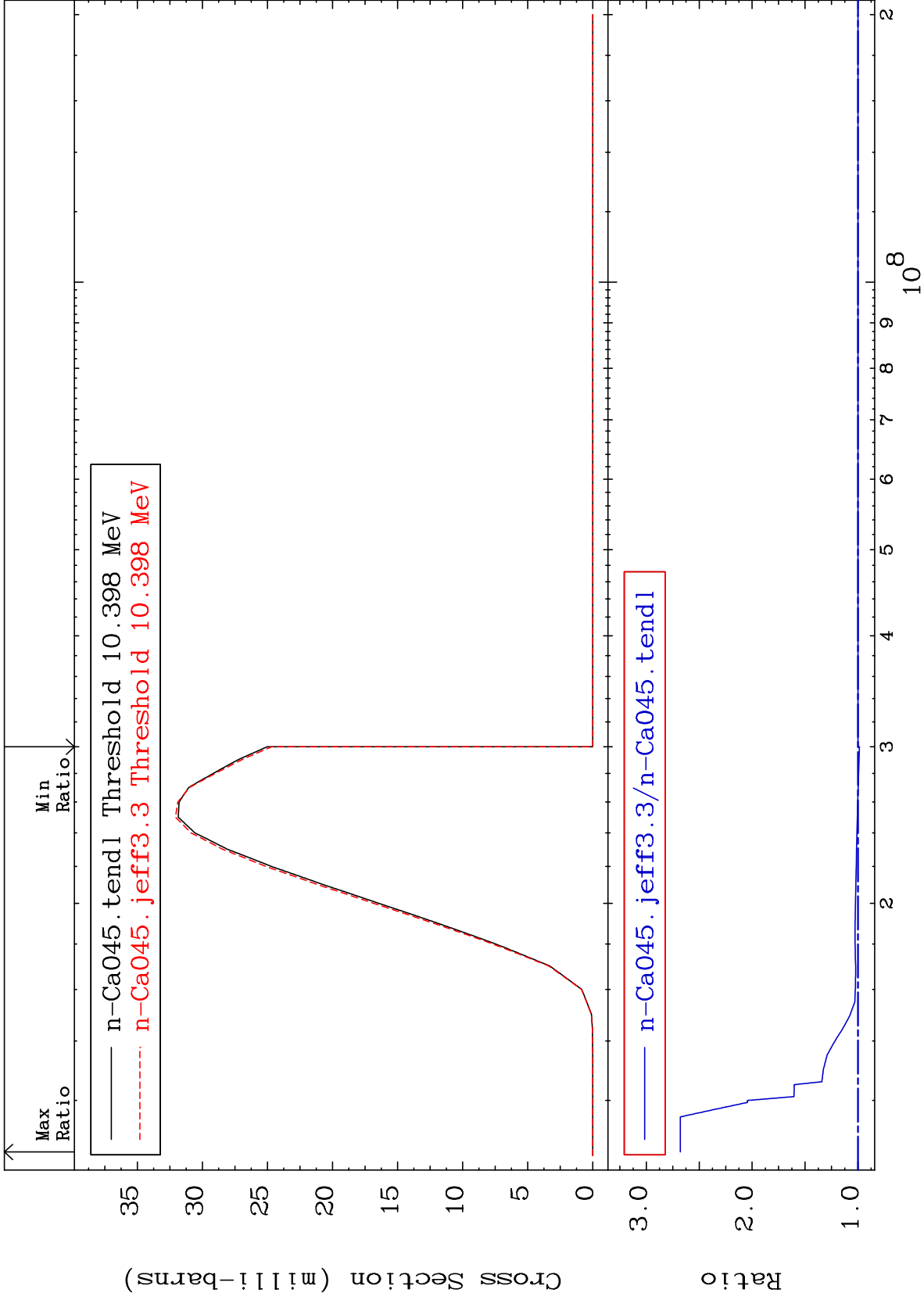
6

20-Ca-45

MAT 2040

(n,n') α
Cross Section

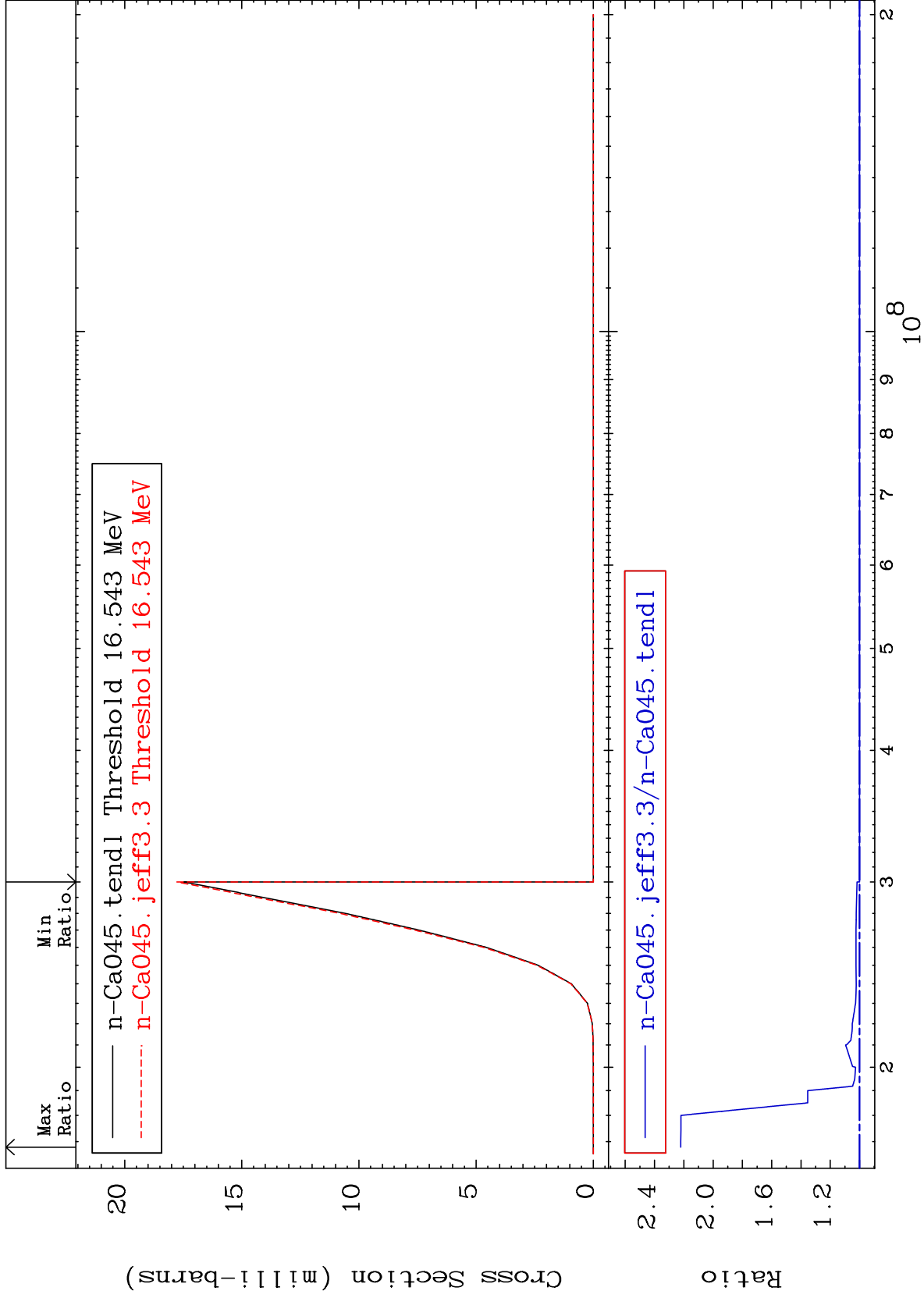
20-Ca-45
-1.377 To 167.8 %



MAT 2040

(n,2n) α
Cross Section

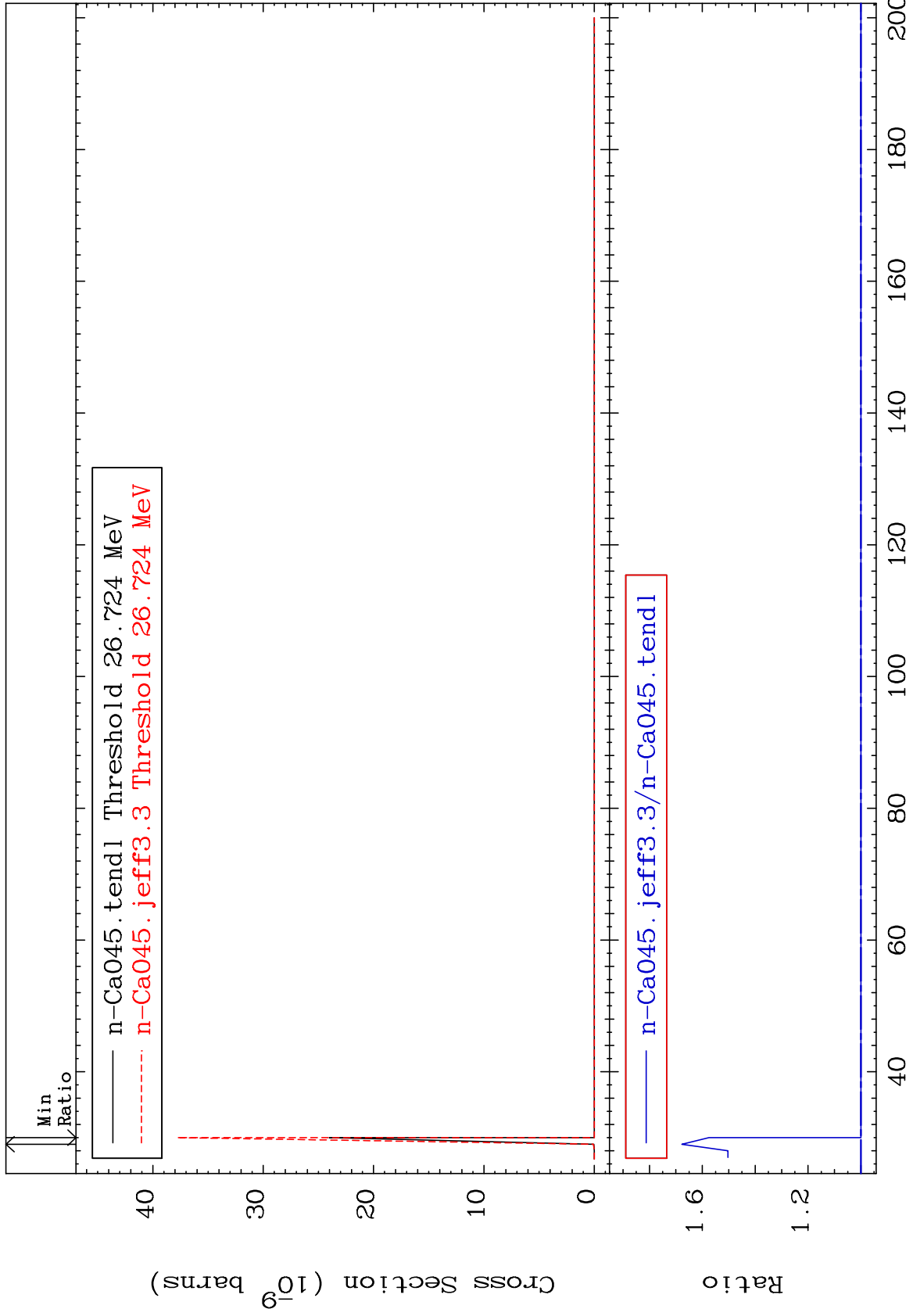
20-Ca-45
To 122.1 %
0.000



MAT 2040

(n,3n) α
Cross Section

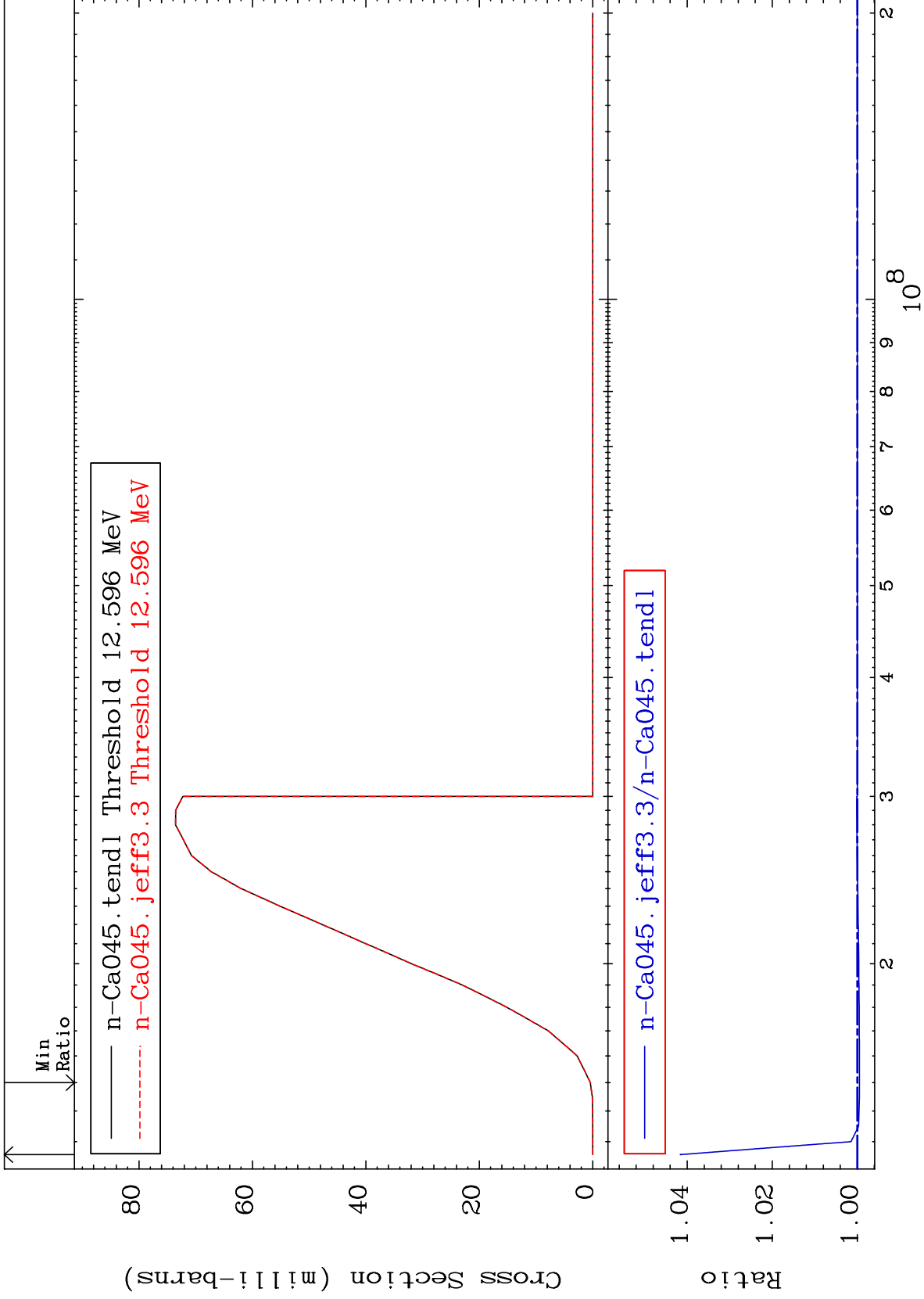
20-Ca-45
To 67.72 %
0.000



MAT 2040

(n, n') p
Cross Section

20-Ca-45
-0.050 To 4.161 %



10

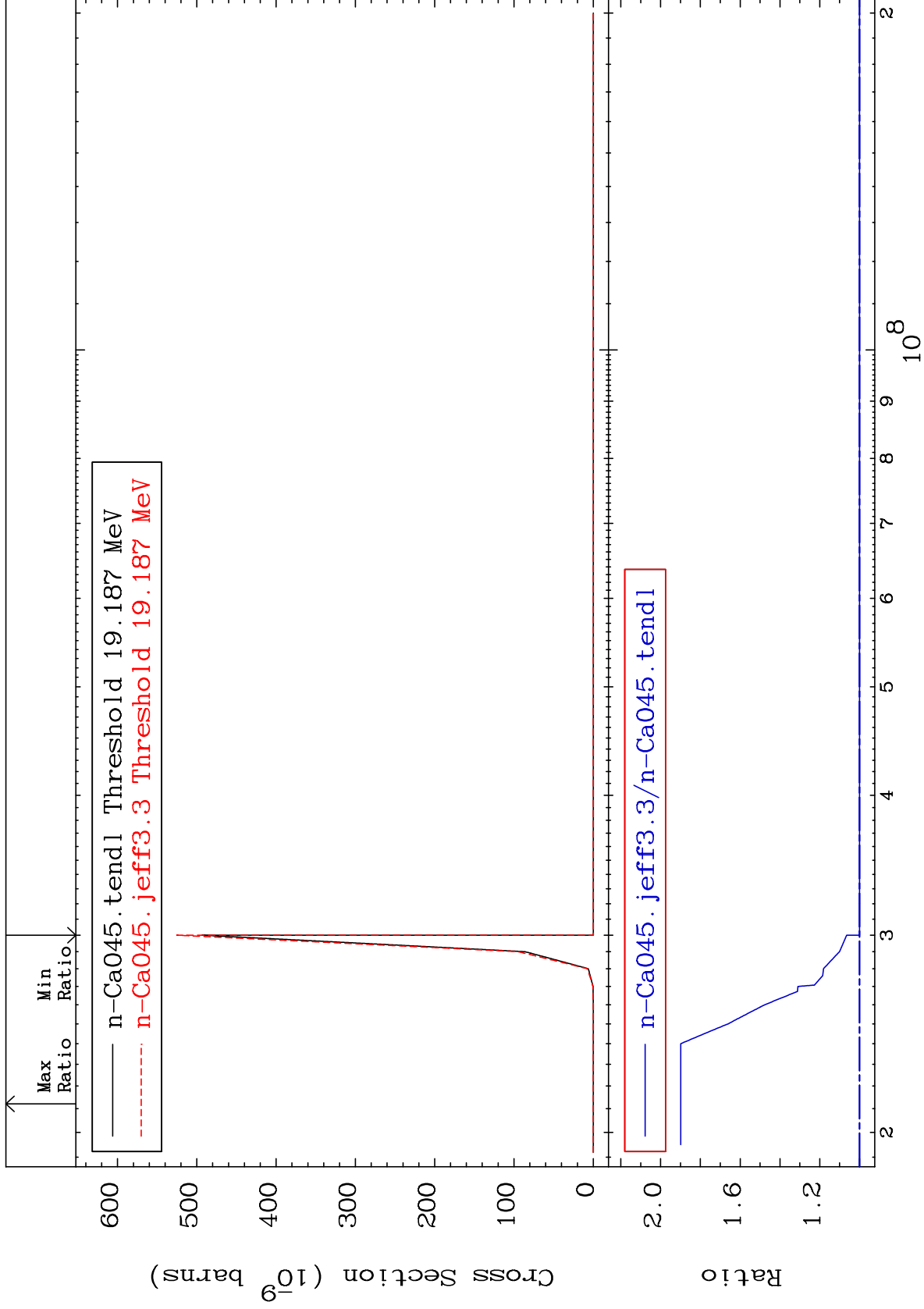
Incident Energy (eV)

20-Ca-45

MAT 2040

(n, n') 2α
Cross Section

20-Ca-45
0.000 To 89.86 %



11

Incident Energy (eV)

20-Ca-45

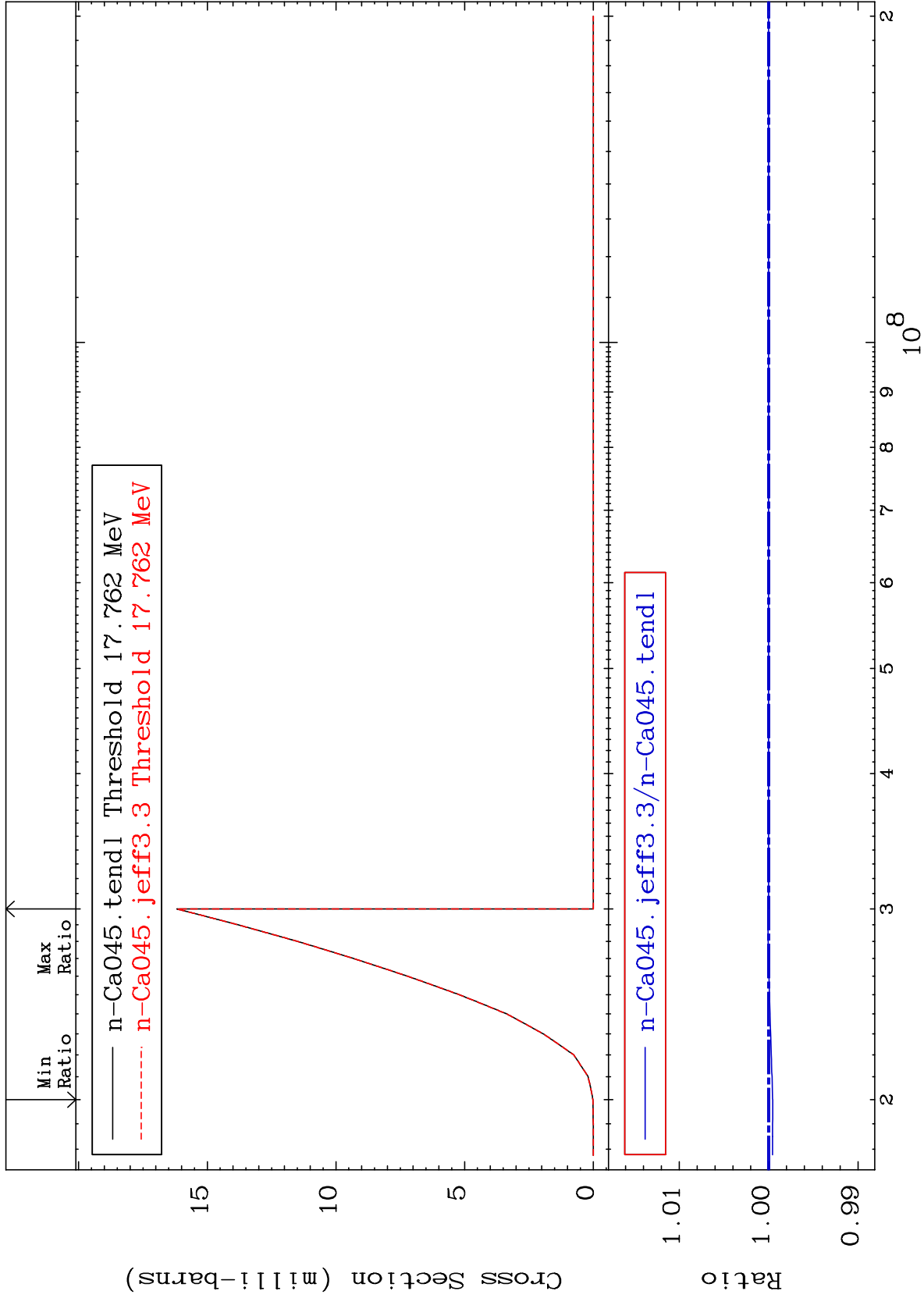
MAT 2040

(n,n') d

20-Ca-45

Cross Section

-0.045 To 0.011 %



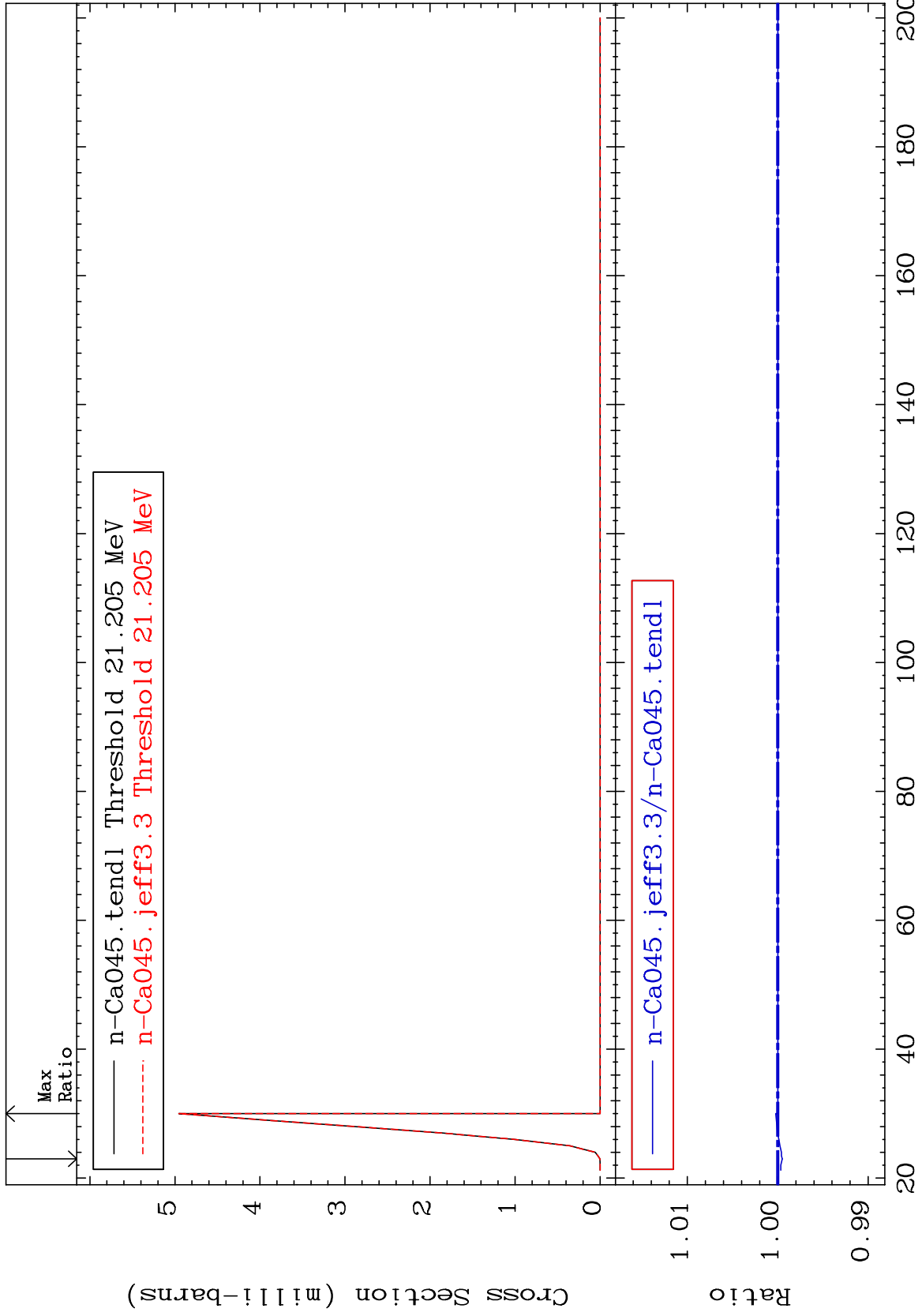
12

20-Ca-45

MAT 2040

(n,n') t
Cross Section

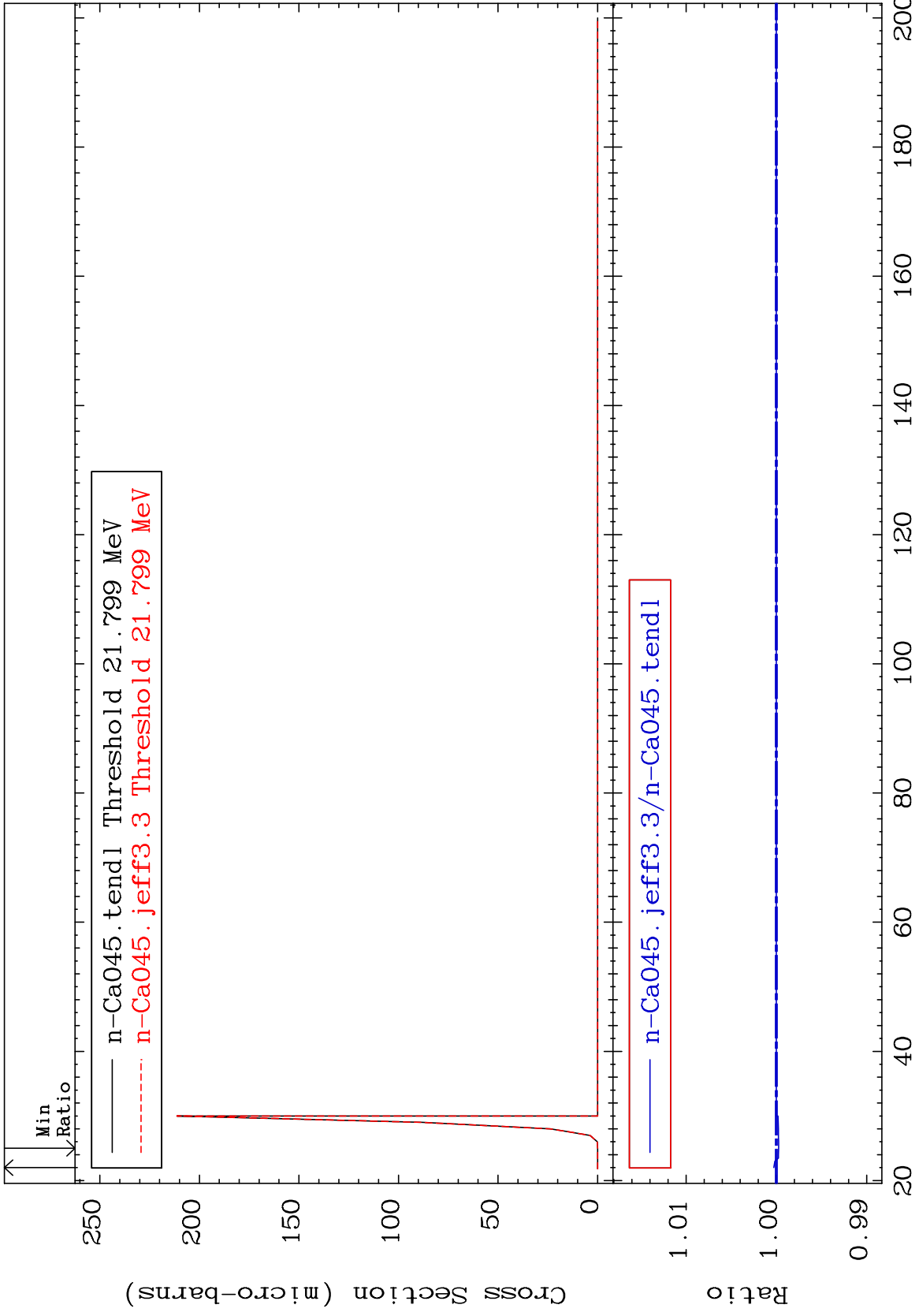
20-Ca-45
-0.049 To 0.022 %



MAT 2040

(n, n') He-3
Cross Section

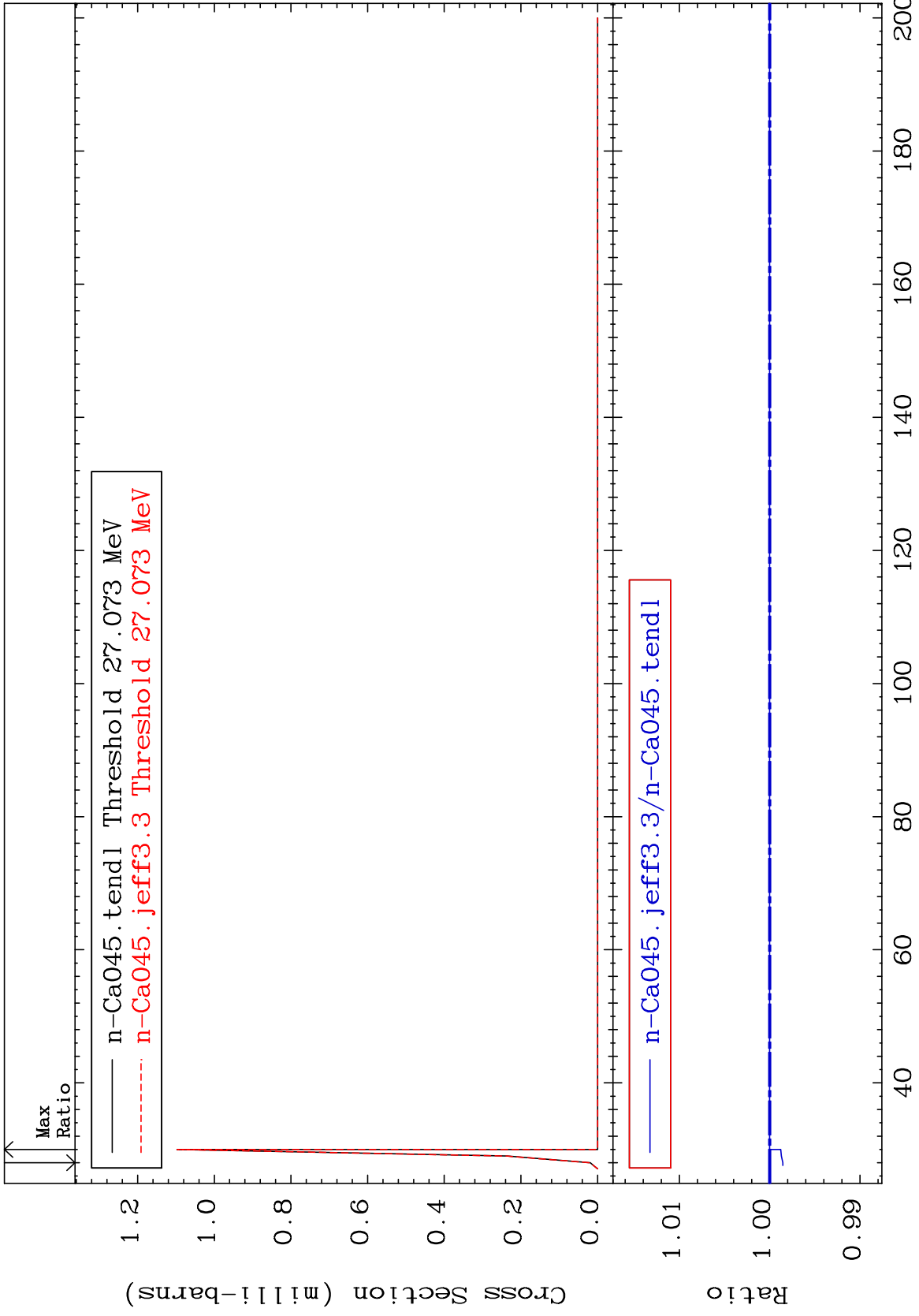
20-Ca-45
-0.026 To 0.028 %



MAT 2040

(n,4n)
Cross Section

20-Ca-45
-0.145 To 0.000 %



15

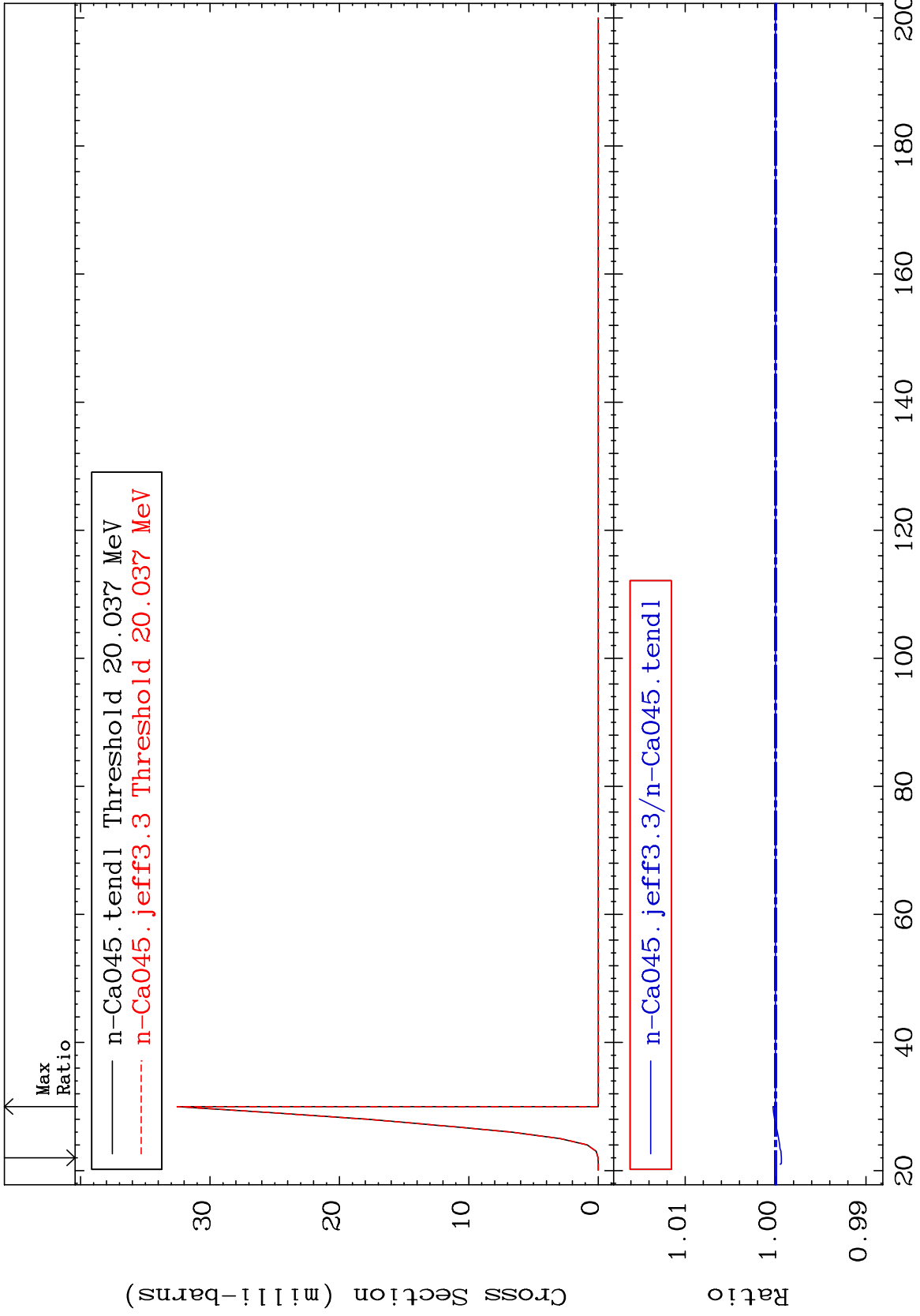
Incident Energy (MeV)

20-Ca-45

MAT 2040

(n,2n) p
Cross Section

20-Ca-45
-0.063 To 0.030 %



16

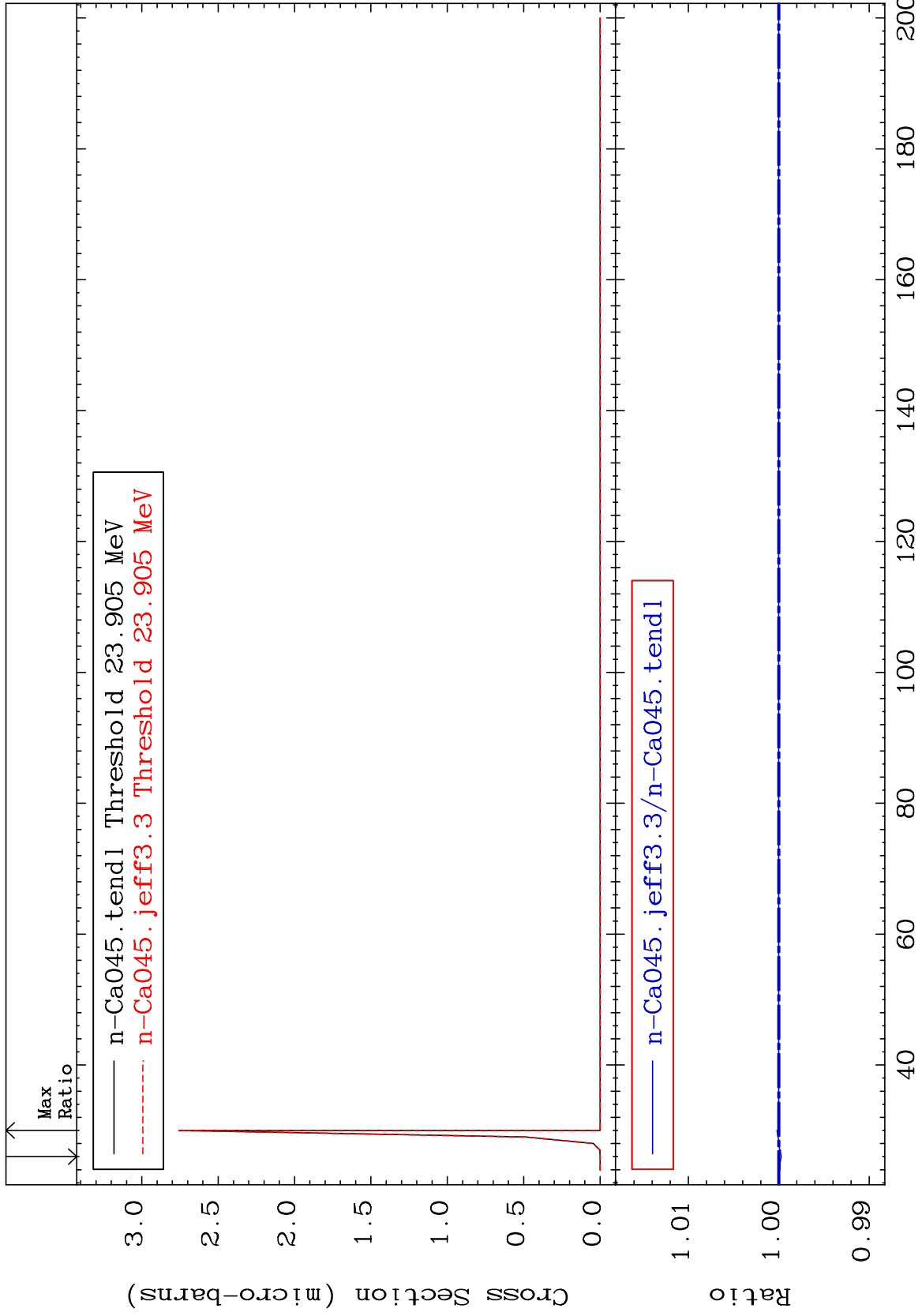
Incident Energy (MeV)

20-Ca-45

MAT 2040

(n,2n) p
Cross Section

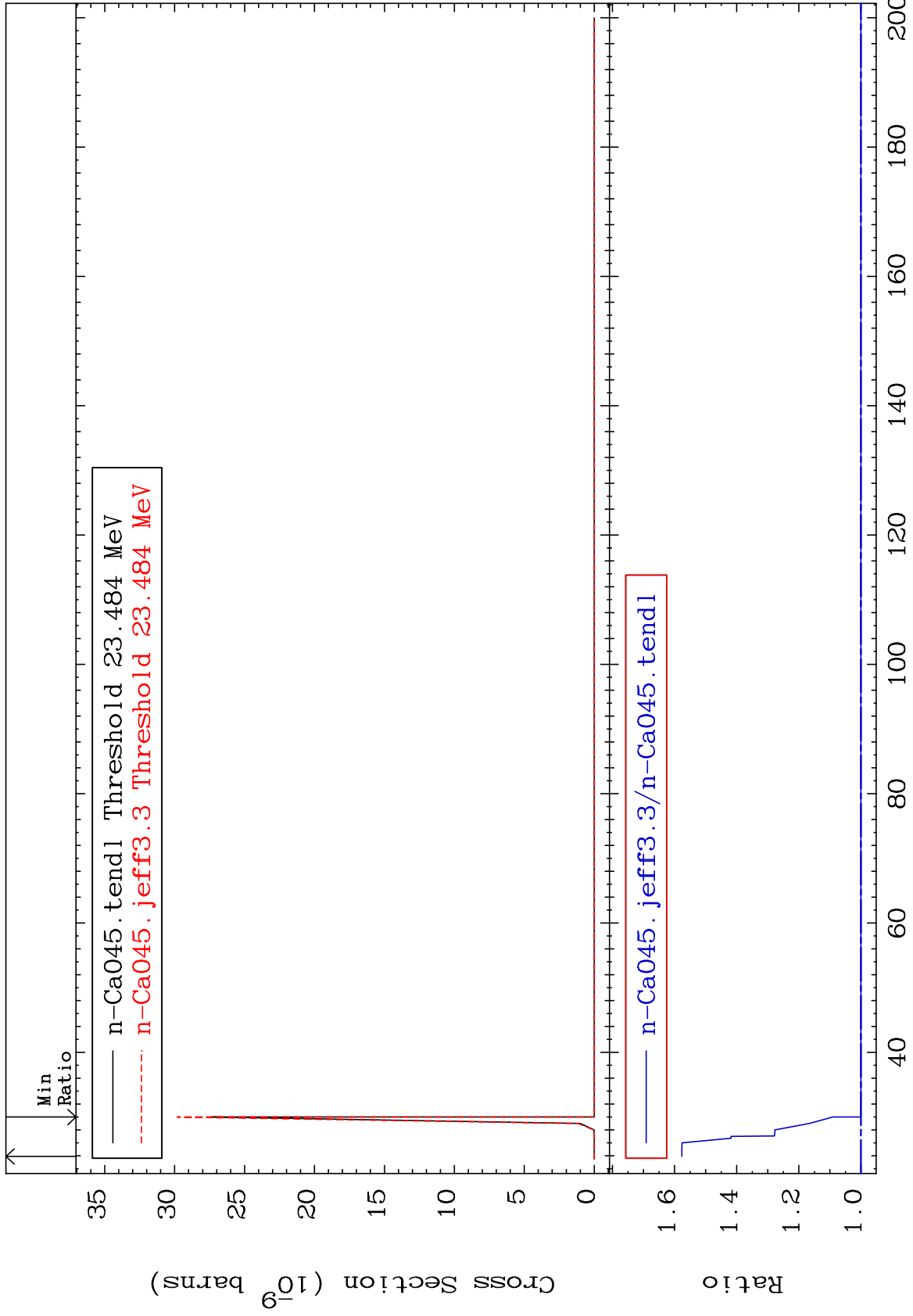
20-Ca-45
-0.026 To 0.020 %



MAT 2040

(n,n') p α
Cross Section

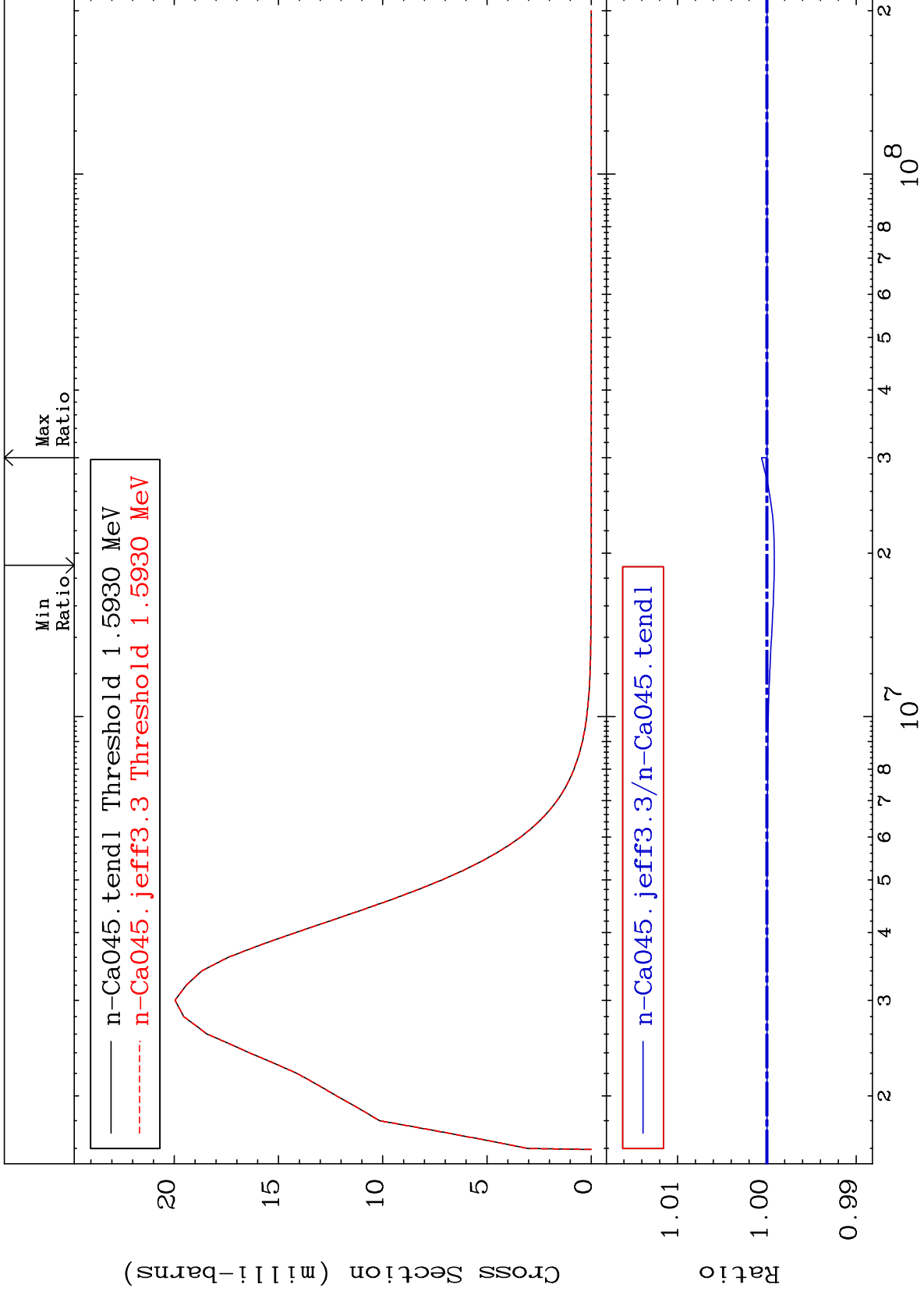
20-Ca-45
To 57.65 %
0.000



MAT 2040

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

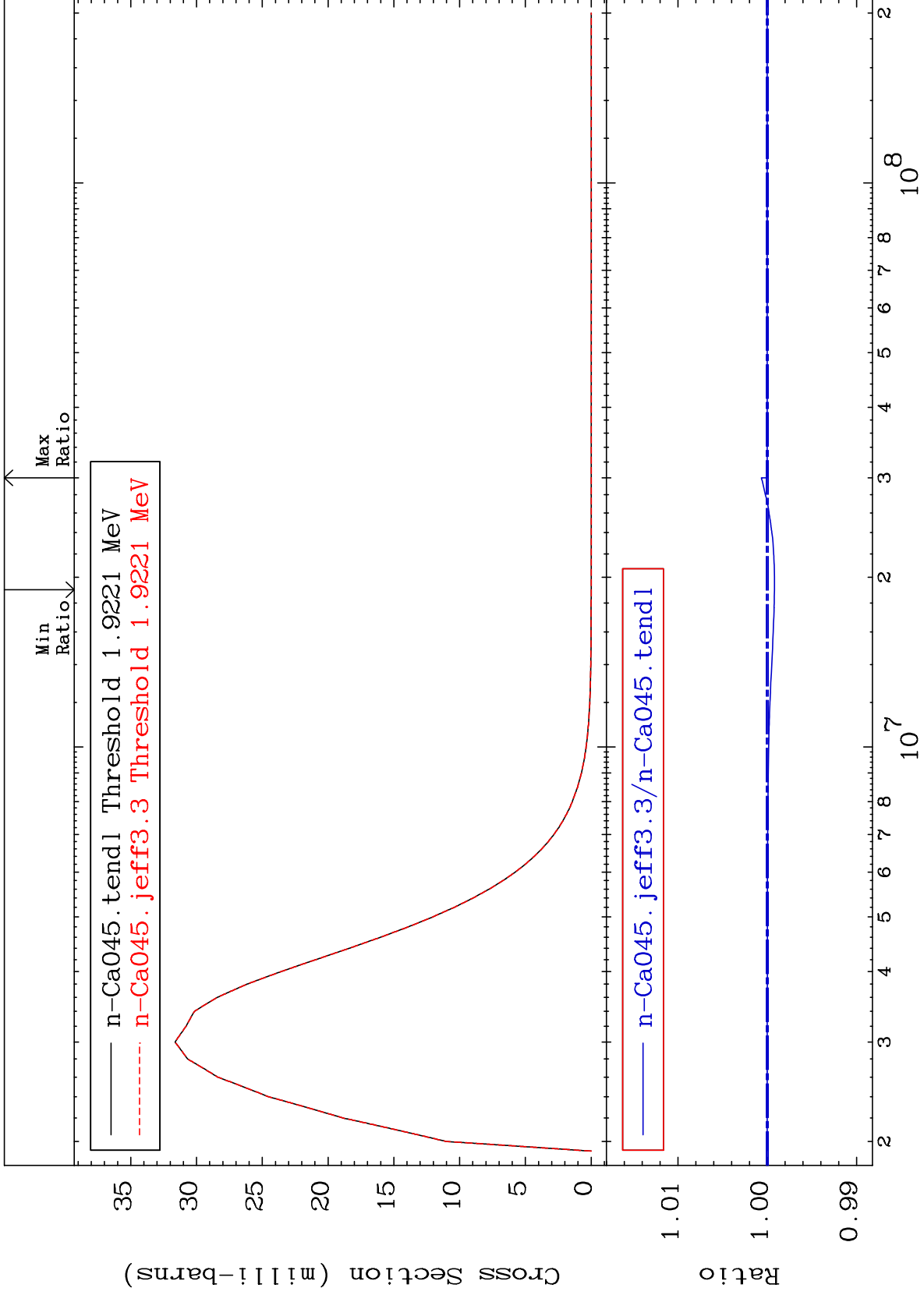
20-Ca-45
-0.083 To 0.060 %



MAT 2040

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

20-Ca-45
-0.080 To 0.065 %



20

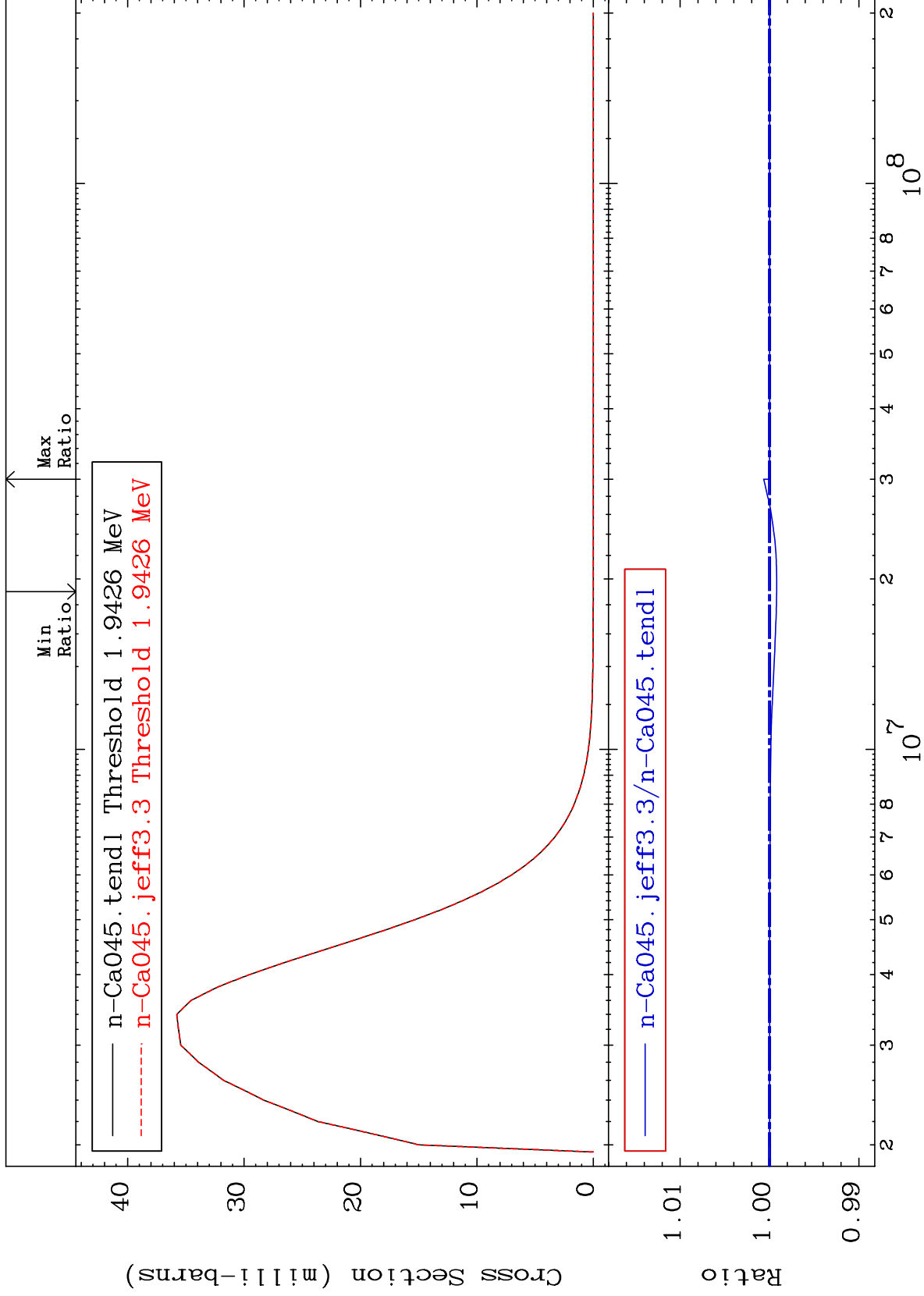
Incident Energy (eV)

20-Ca-45

MAT 2040

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

20-Ca-45
-0.080 To 0.065 %



21

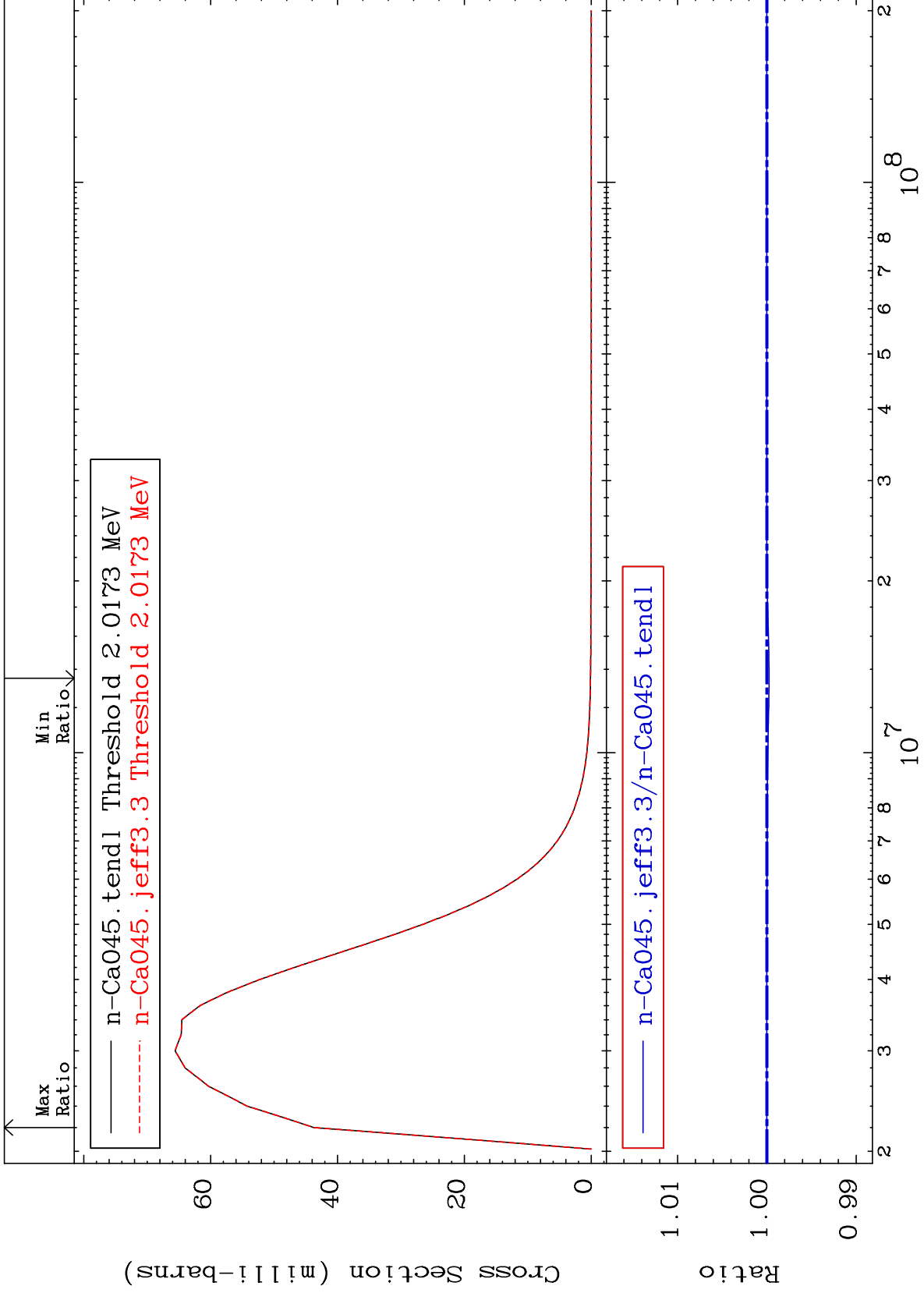
Incident Energy (eV)

20-Ca-45

MAT 2040

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

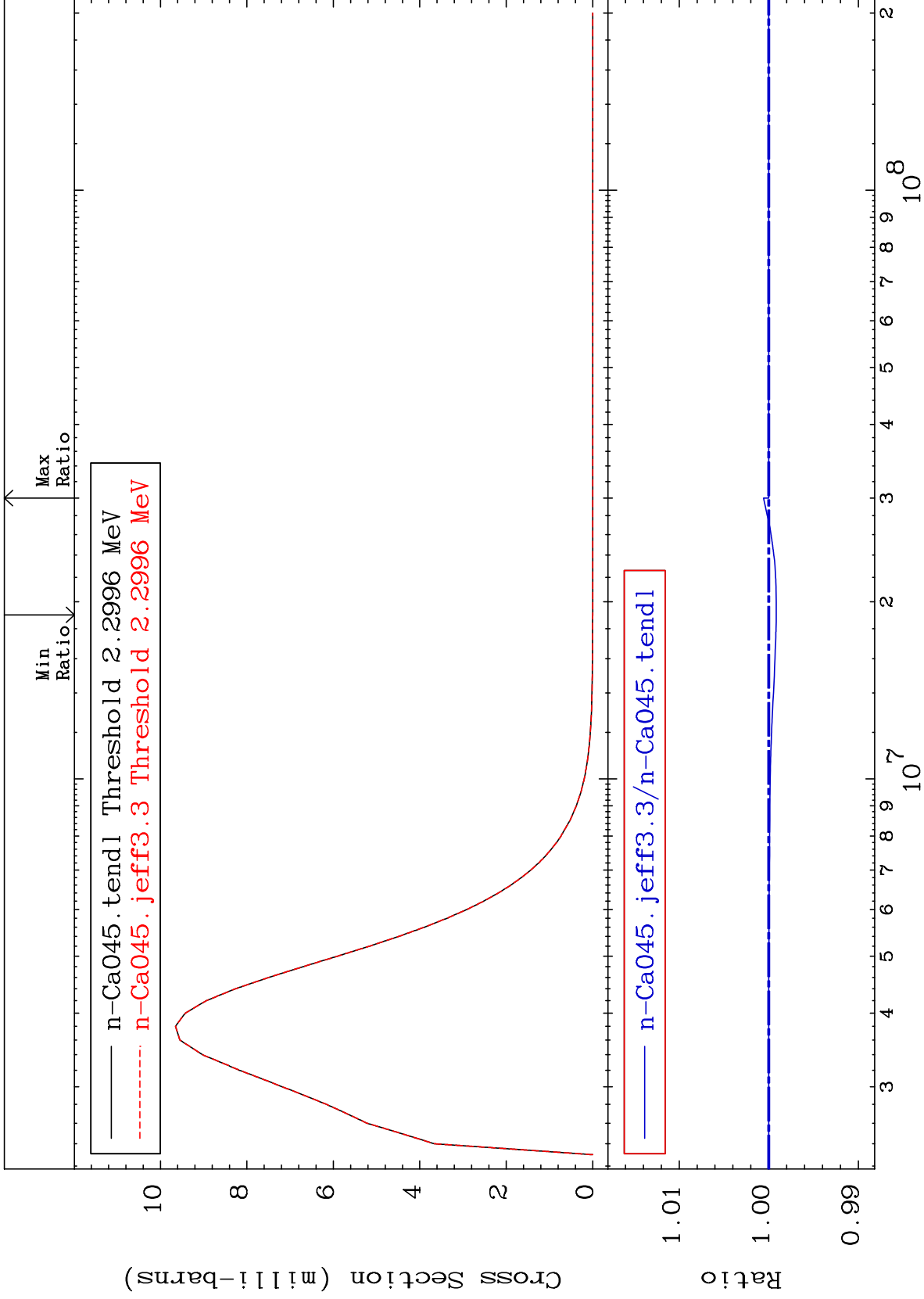
20-Ca-45
-0.025 To 0.000 %



MAT 2040

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

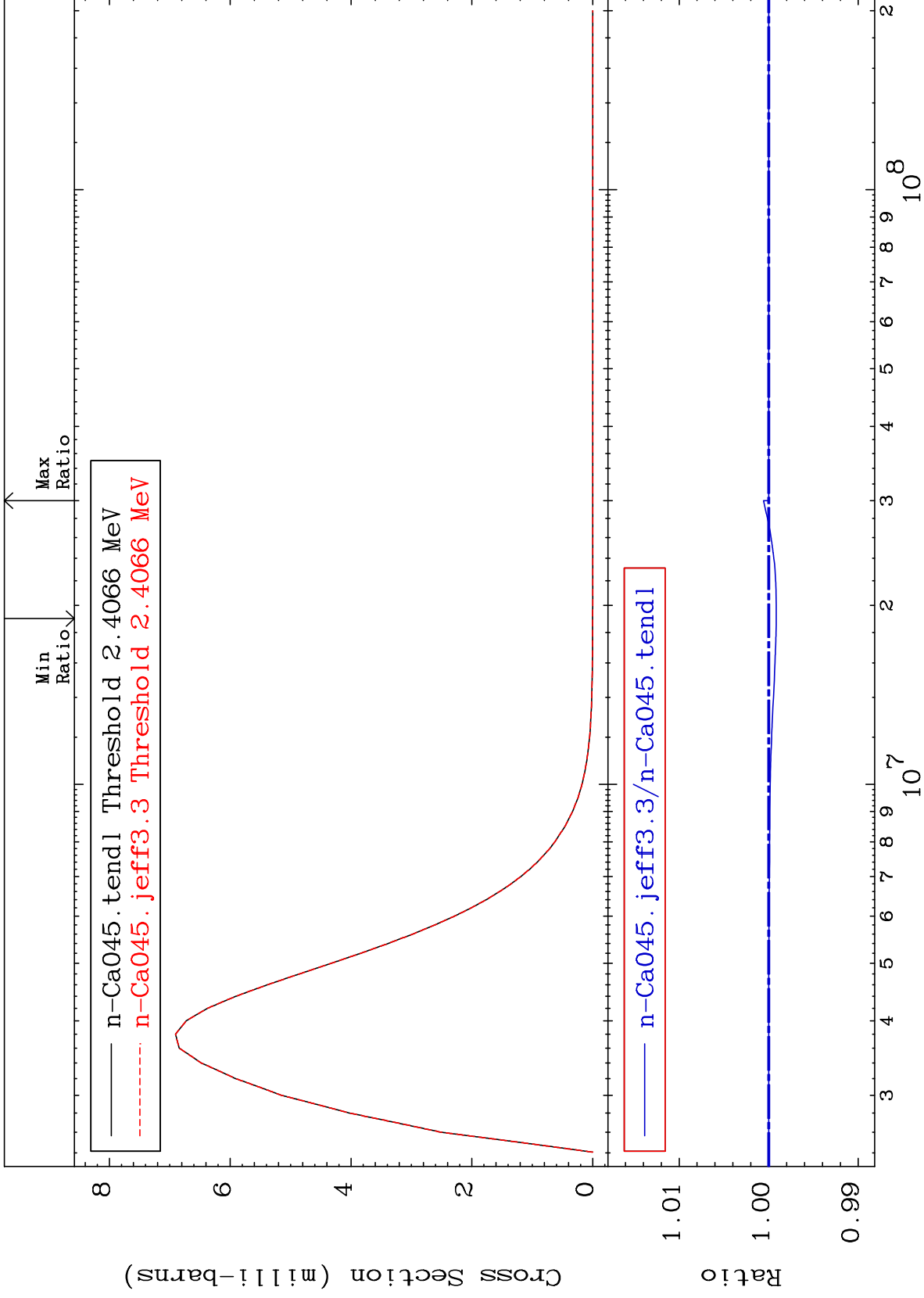
20-Ca-45
-0.084 To 0.059 %



MAT 2040

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

20-Ca-45
-0.085 To 0.059 %



24

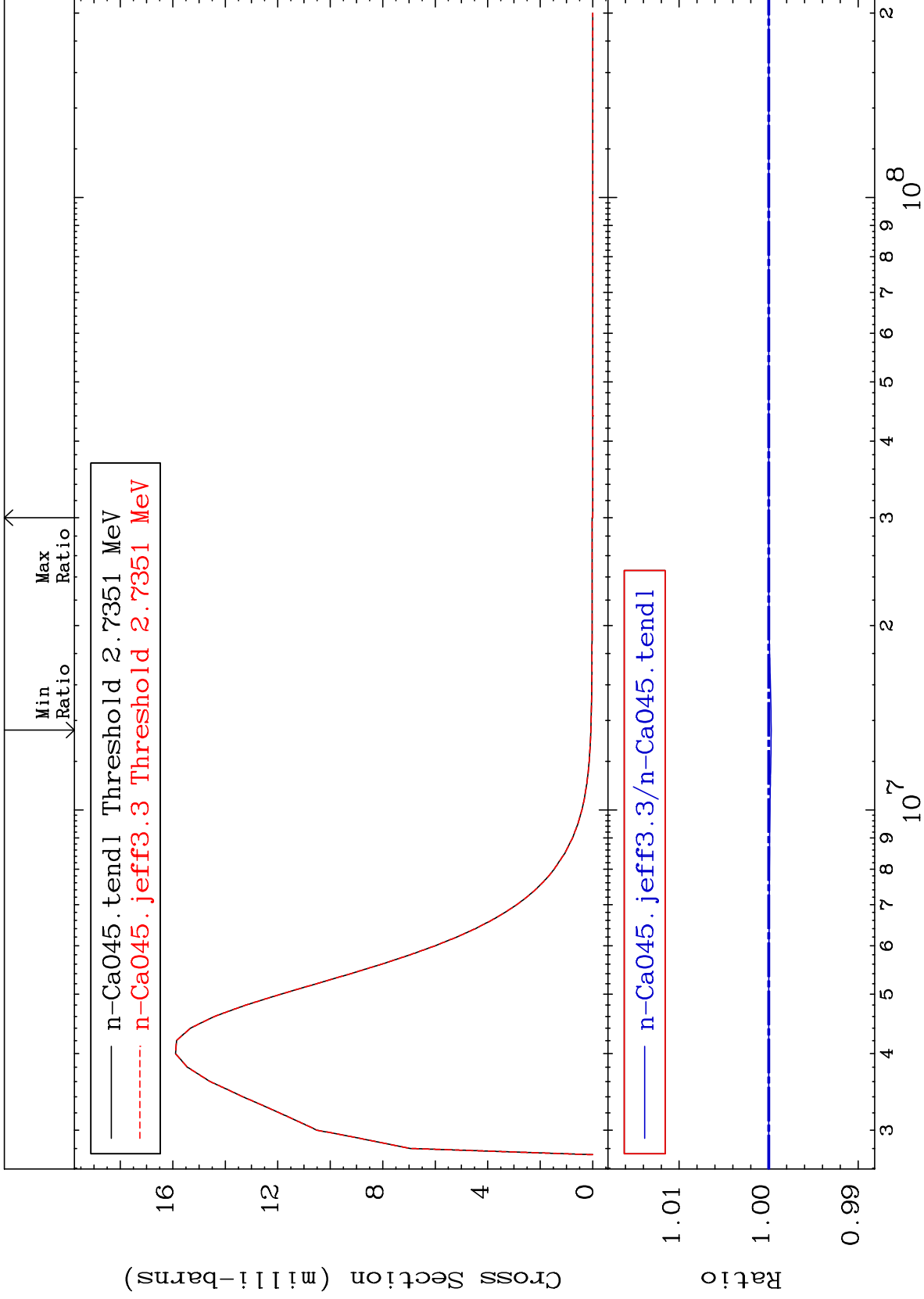
Incident Energy (eV)

20-Ca-45

MAT 2040

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

20-Ca-45
-0.027 To 0.000 %



25

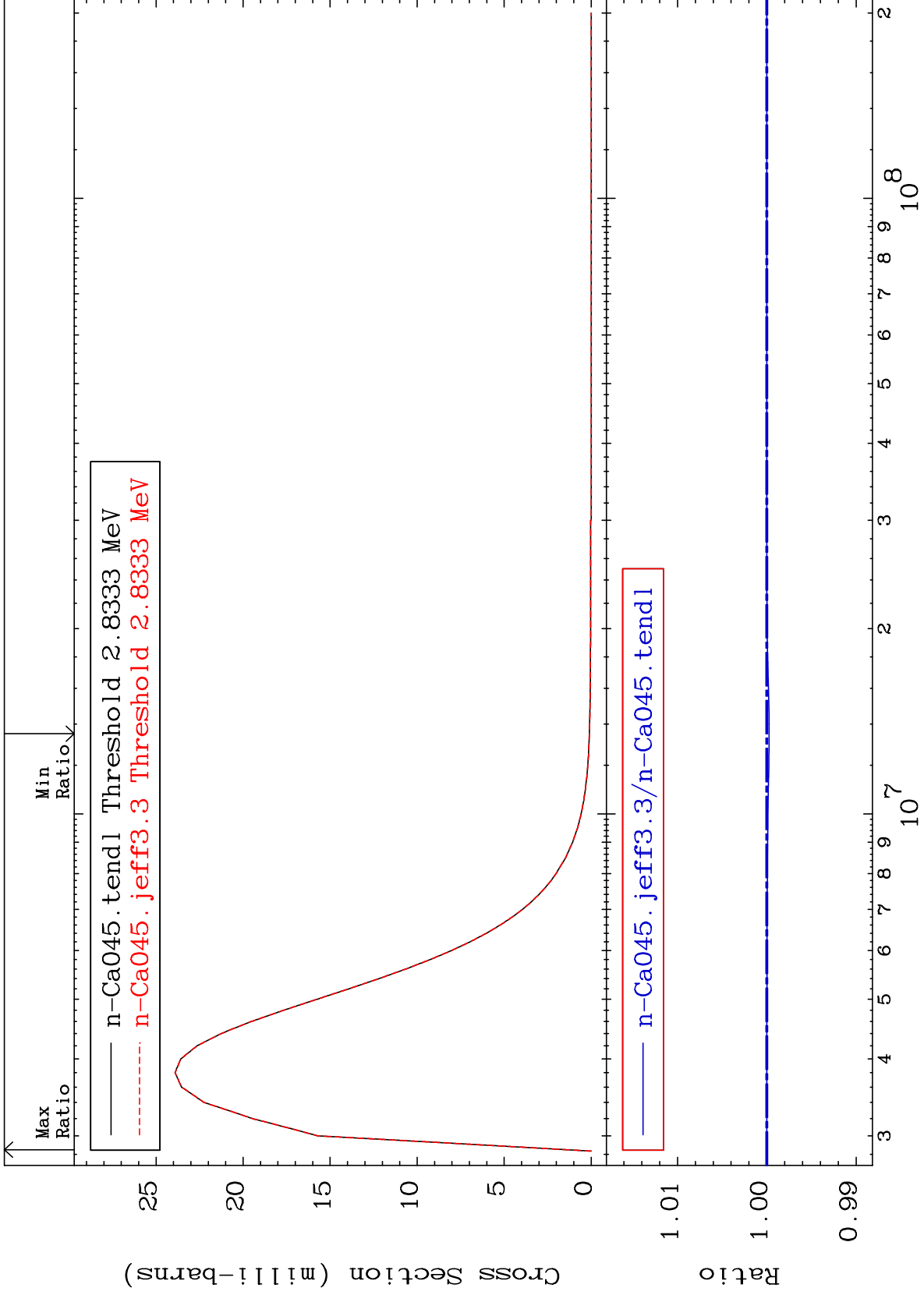
Incident Energy (eV)

20-Ca-45

MAT 2040

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

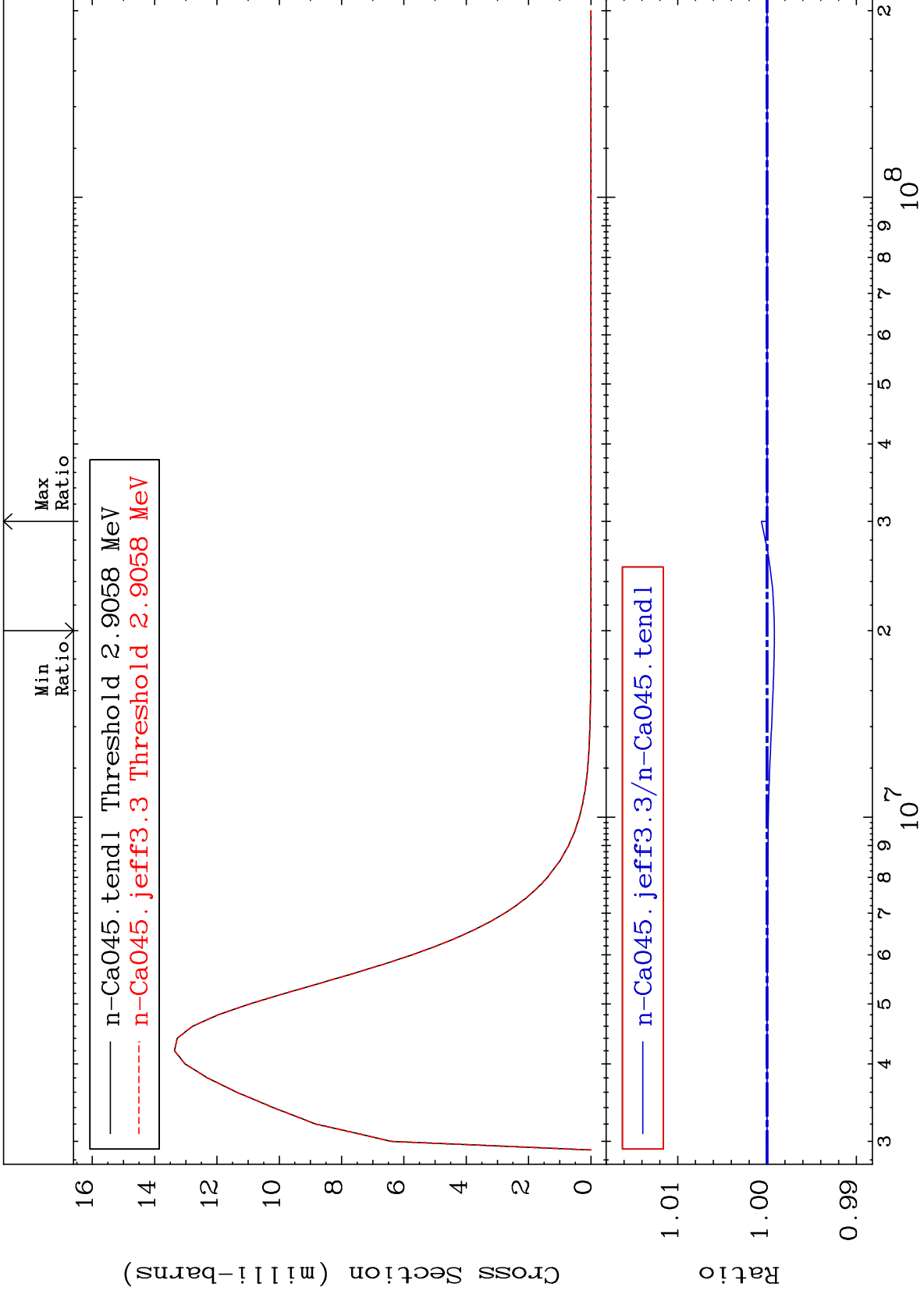
20-Ca-45
-0.025 To 0.000 %



MAT 2040

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

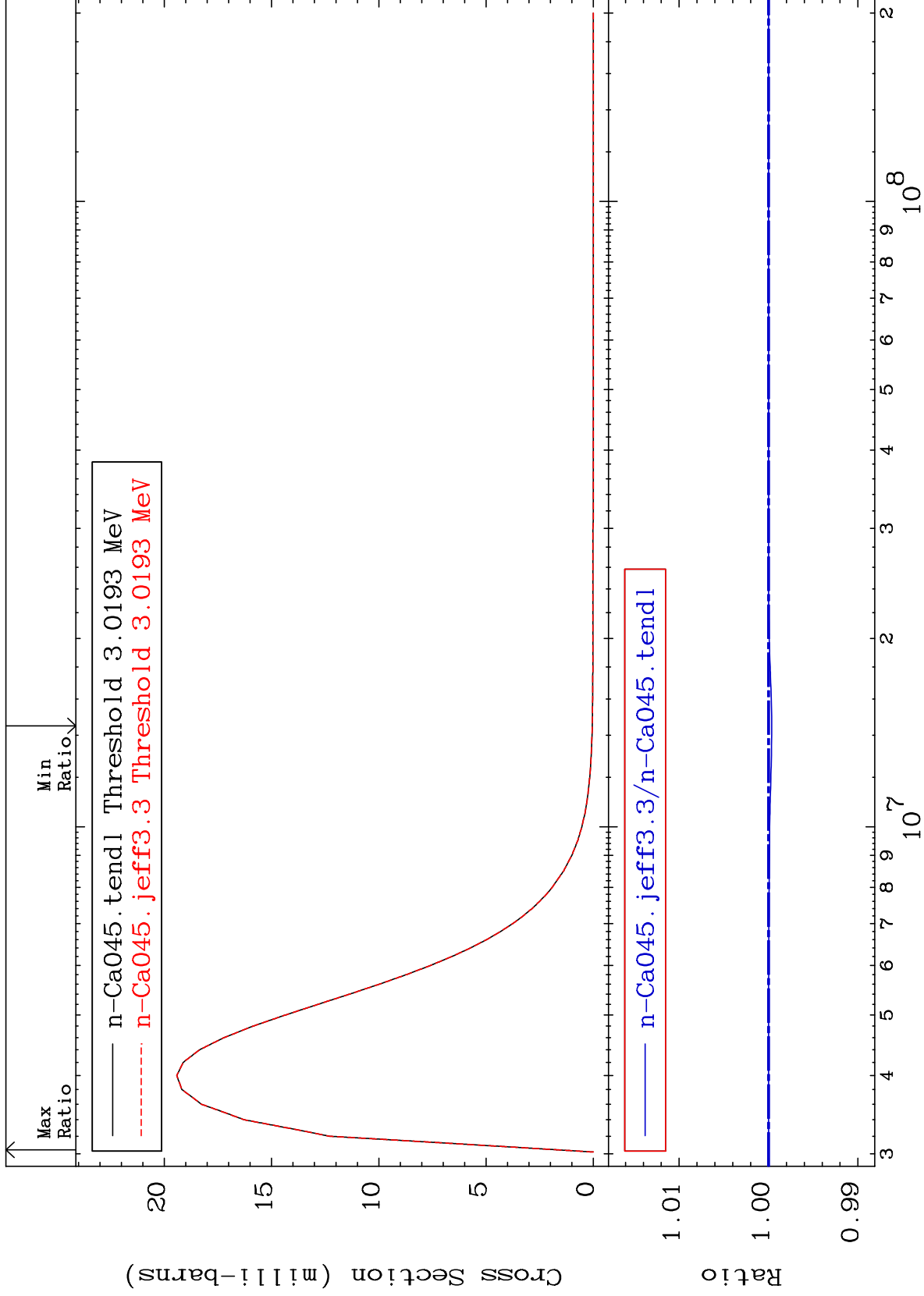
20-Ca-45
-0.081 To 0.064 %



MAT 2040

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

20-Ca-45
-0.036 To 0.000 %



28

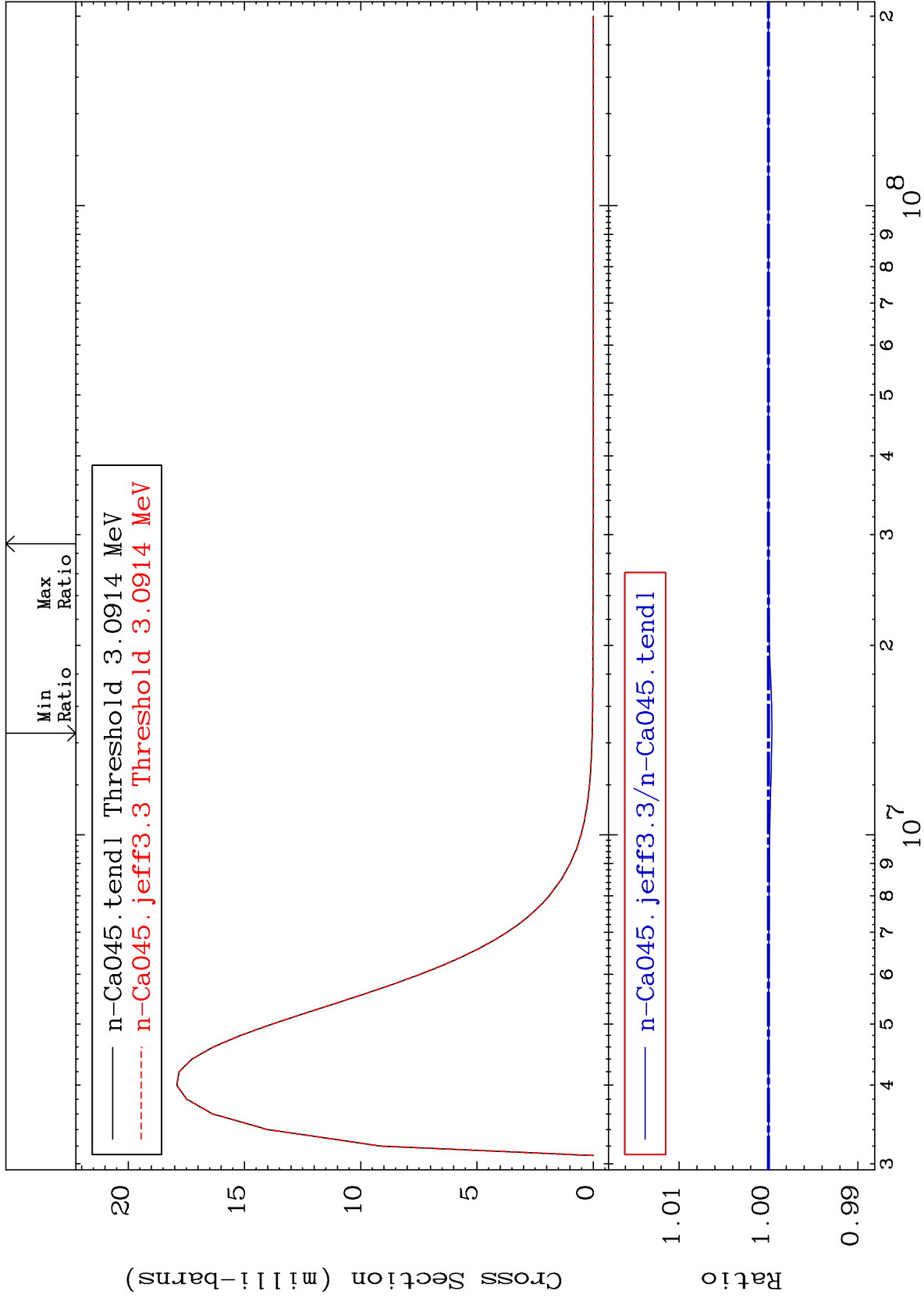
Incident Energy (eV)

20-Ca-45

MAT 2040

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

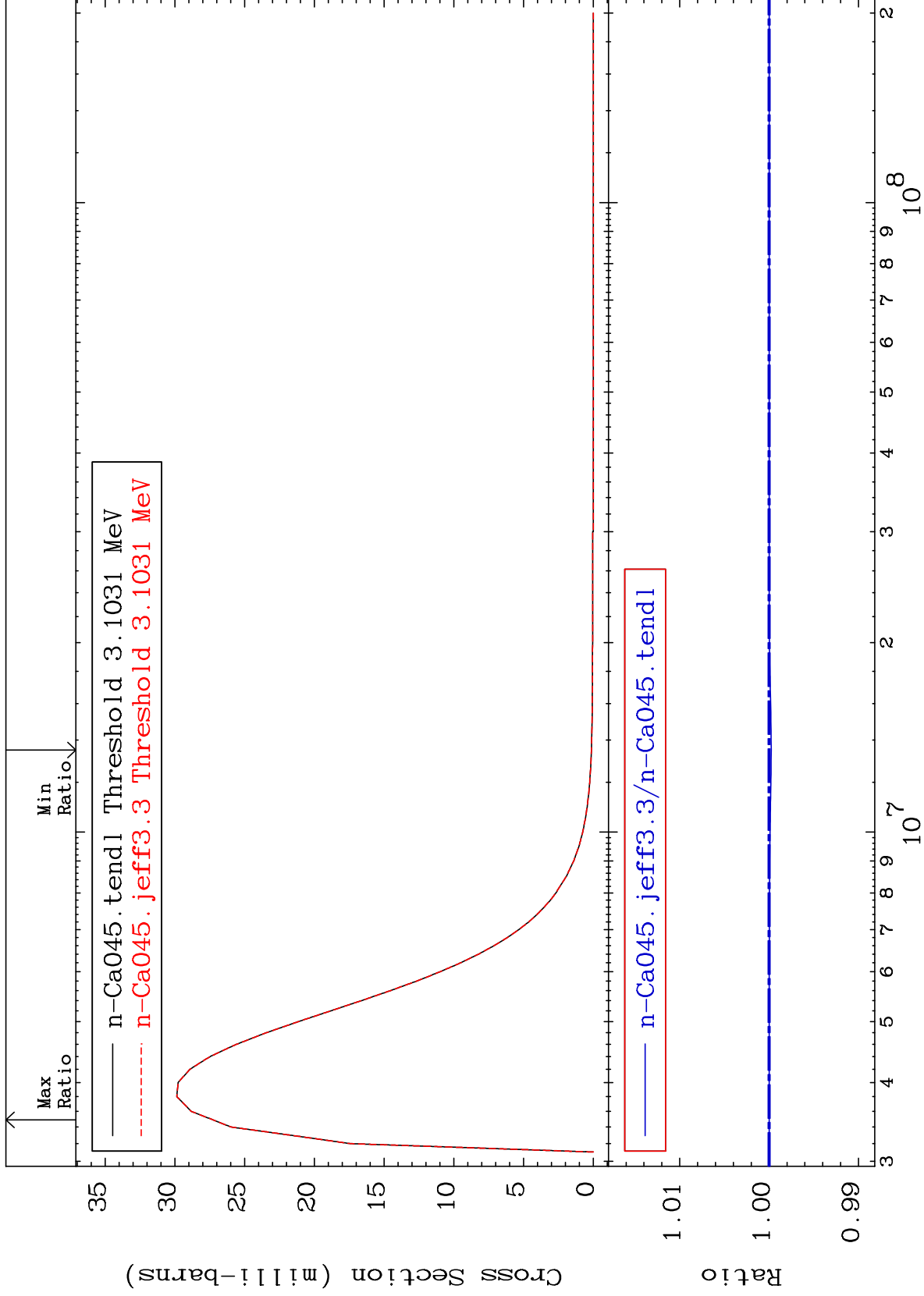
20-Ca-45
-0.038 To 0.000 %



MAT 2040

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

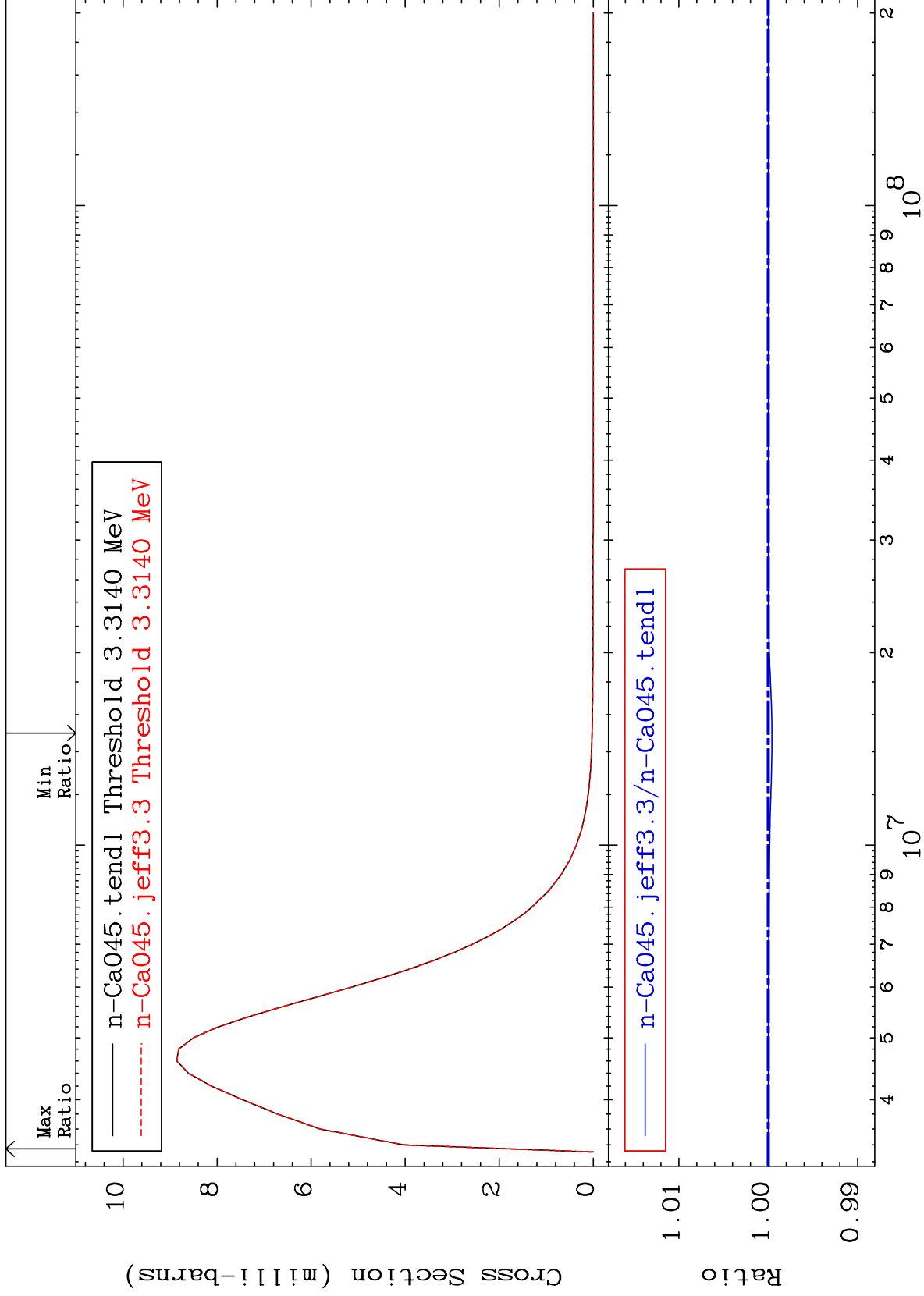
20-Ca-45
-0.023 To 0.000 %



MAT 2040

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

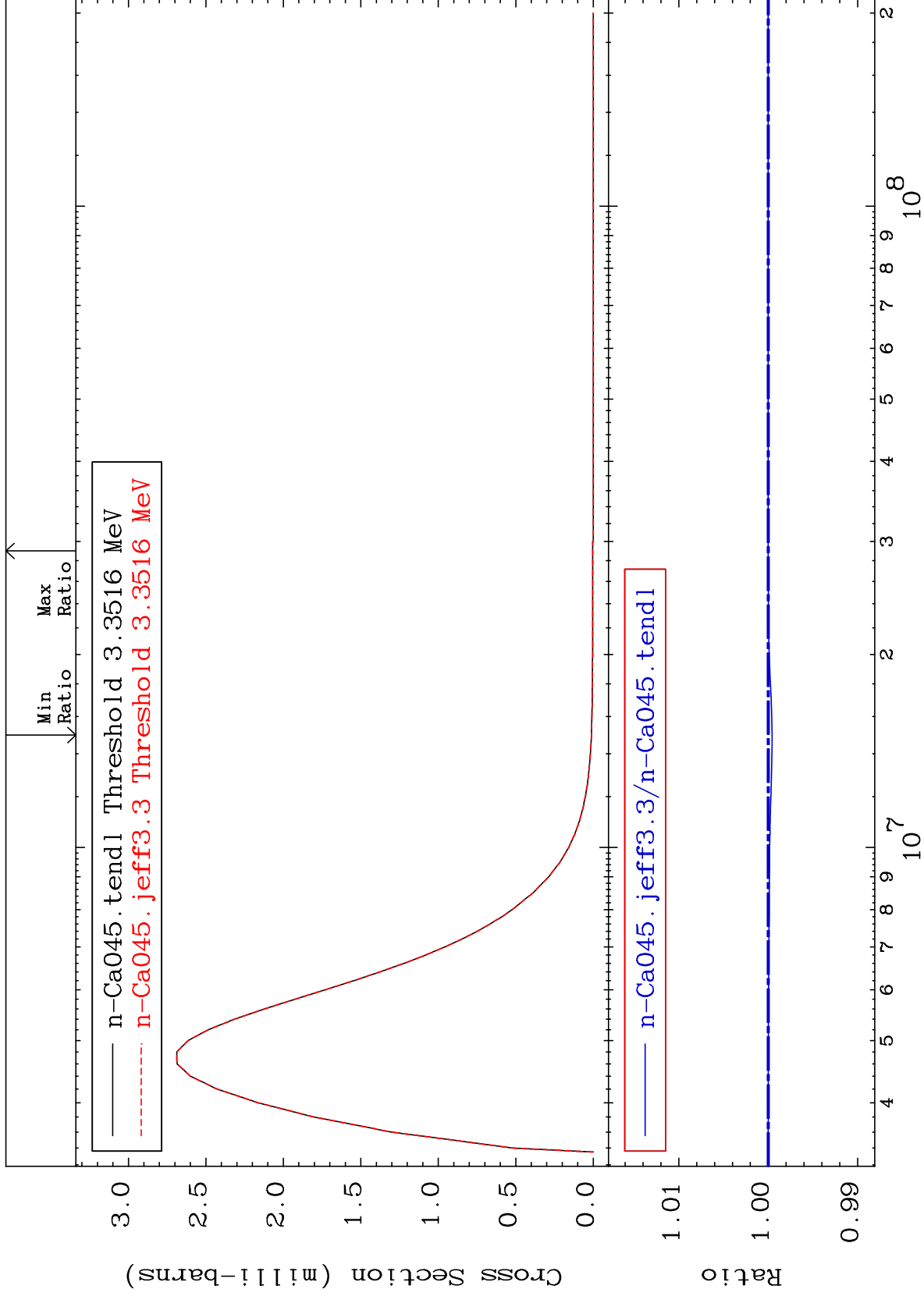
20-Ca-45
-0.041 To 0.000 %



MAT 2040

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

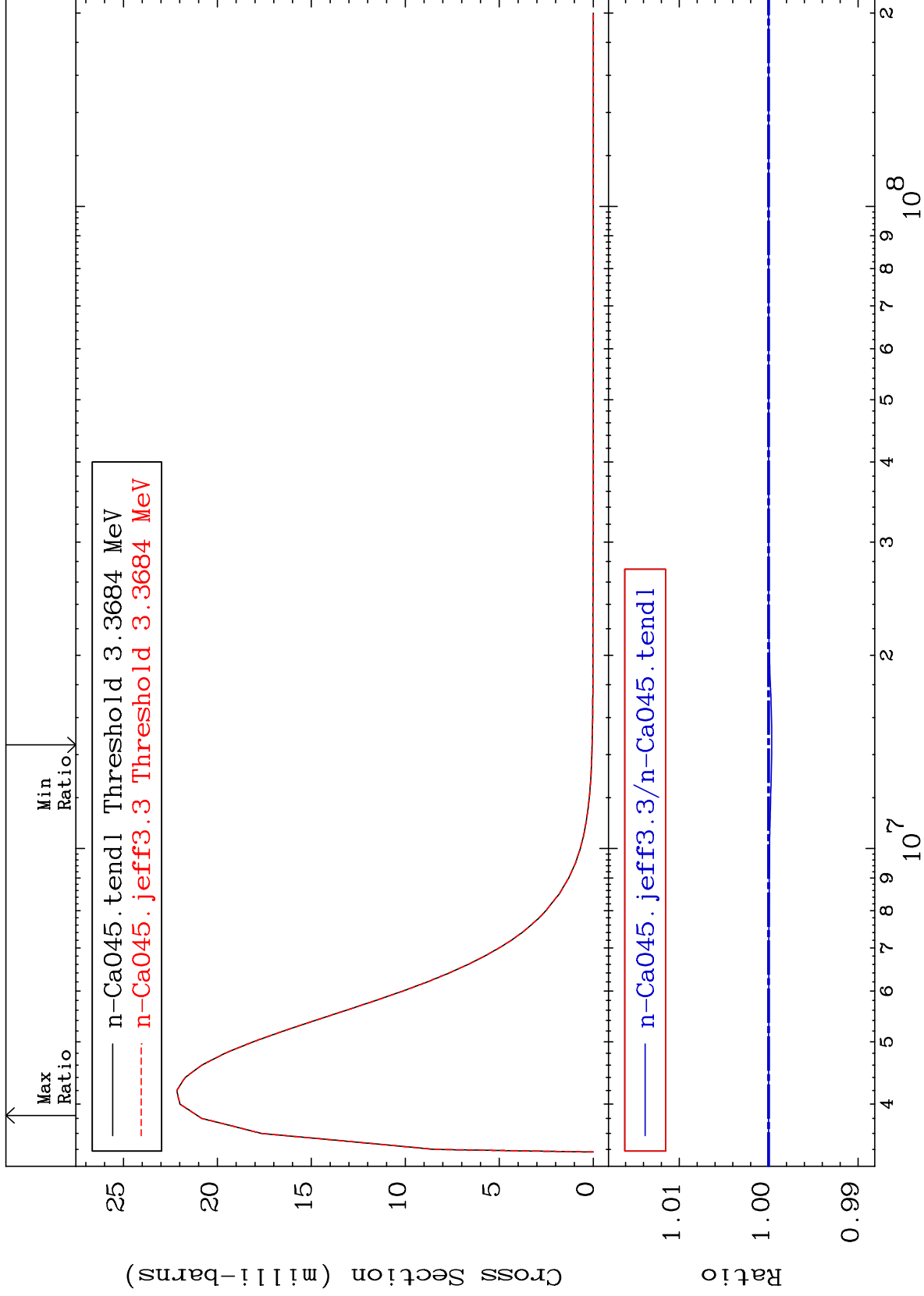
20-Ca-45
-0.044 To 0.000 %



MAT 2040

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

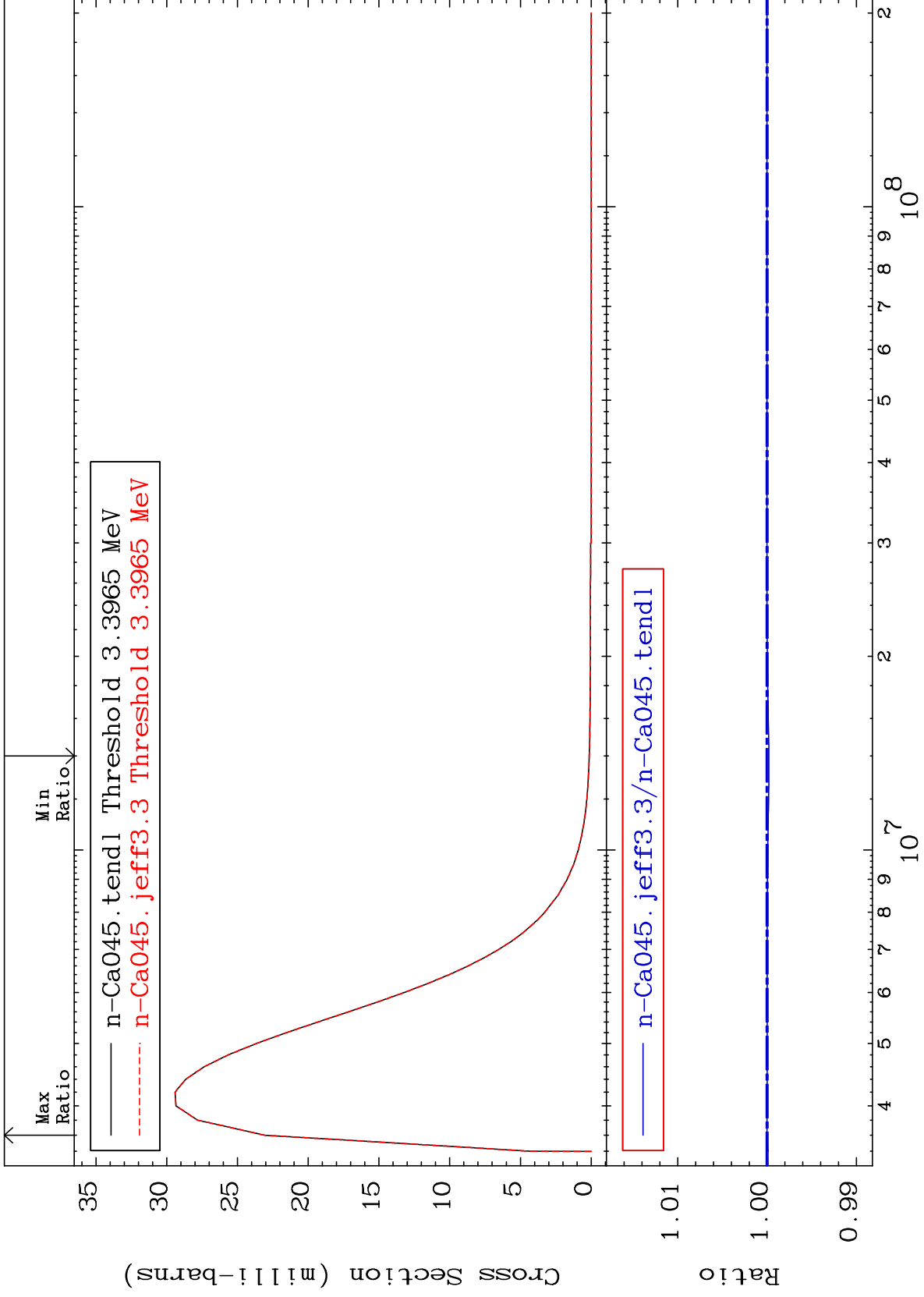
20-Ca-45
-0.035 To 0.000 %



MAT 2040

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

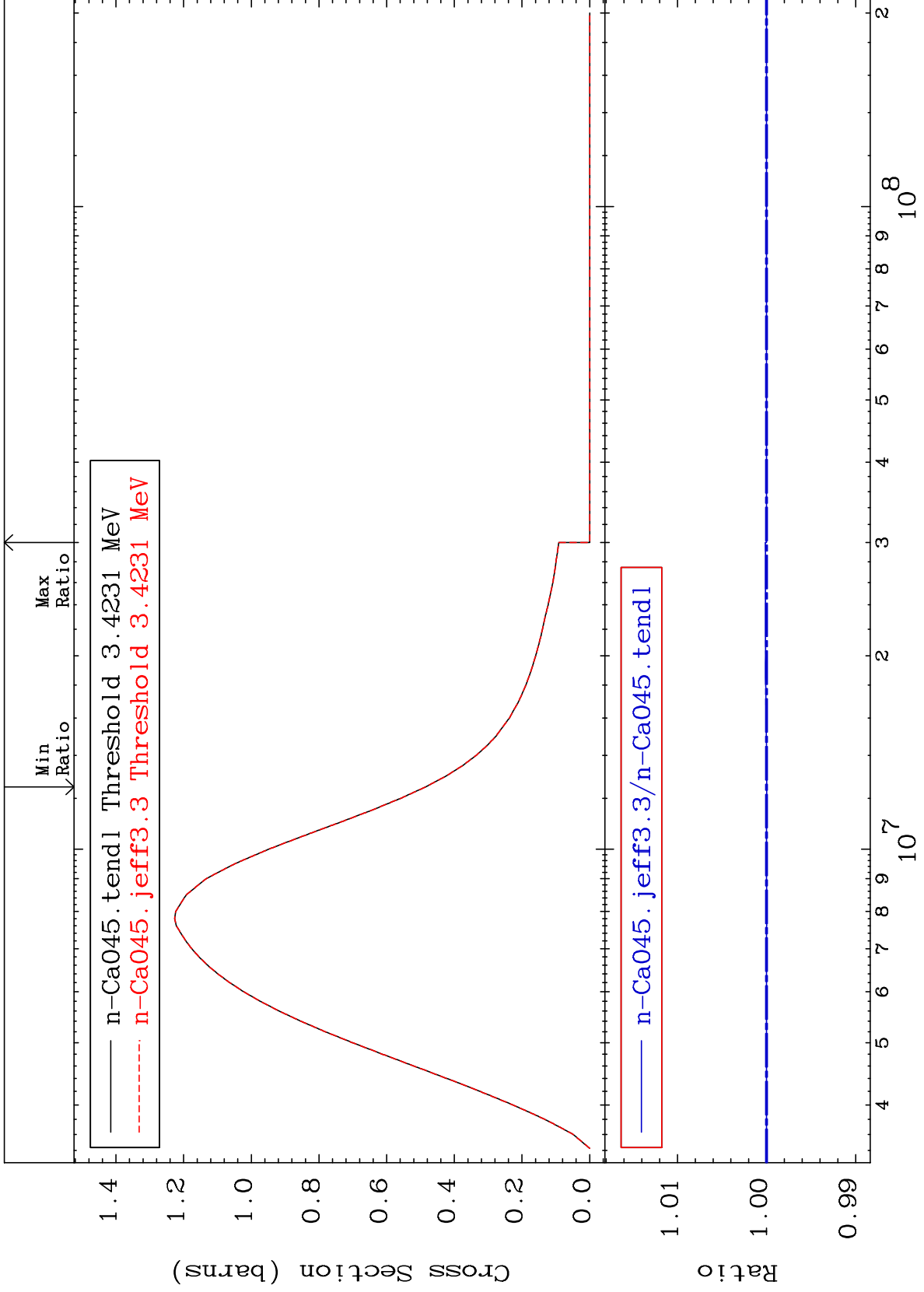
20-Ca-45
-0.020 To 0.000 %



MAT 2040

(n, n') Continuum
Cross Section

20-Ca-45
-0.002 To 0.014 %

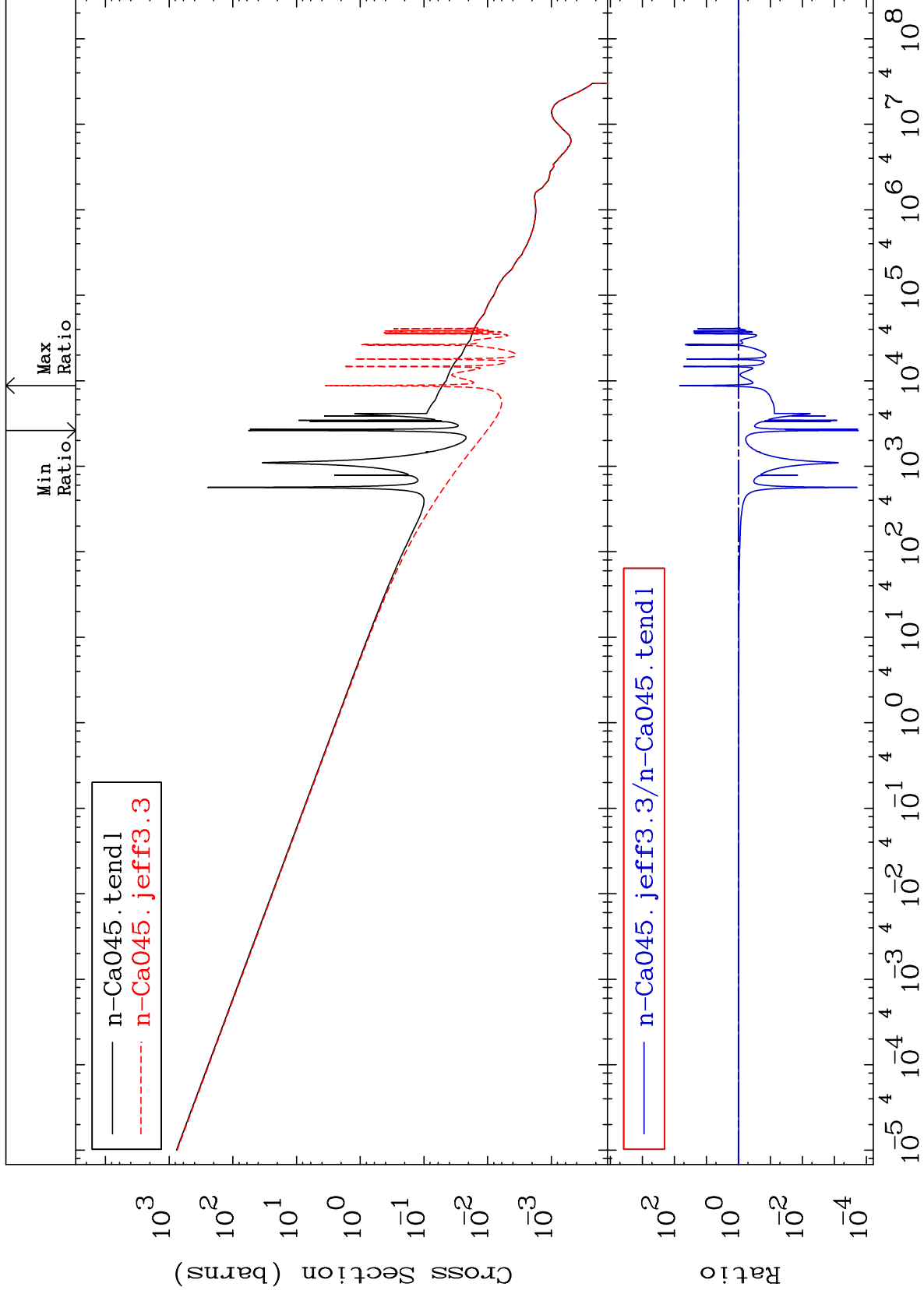


MAT 2040

20-Ca-45

-99.98 To 6737. %

(n, γ)
Cross Section



36

Incident Energy (eV)

20-Ca-45

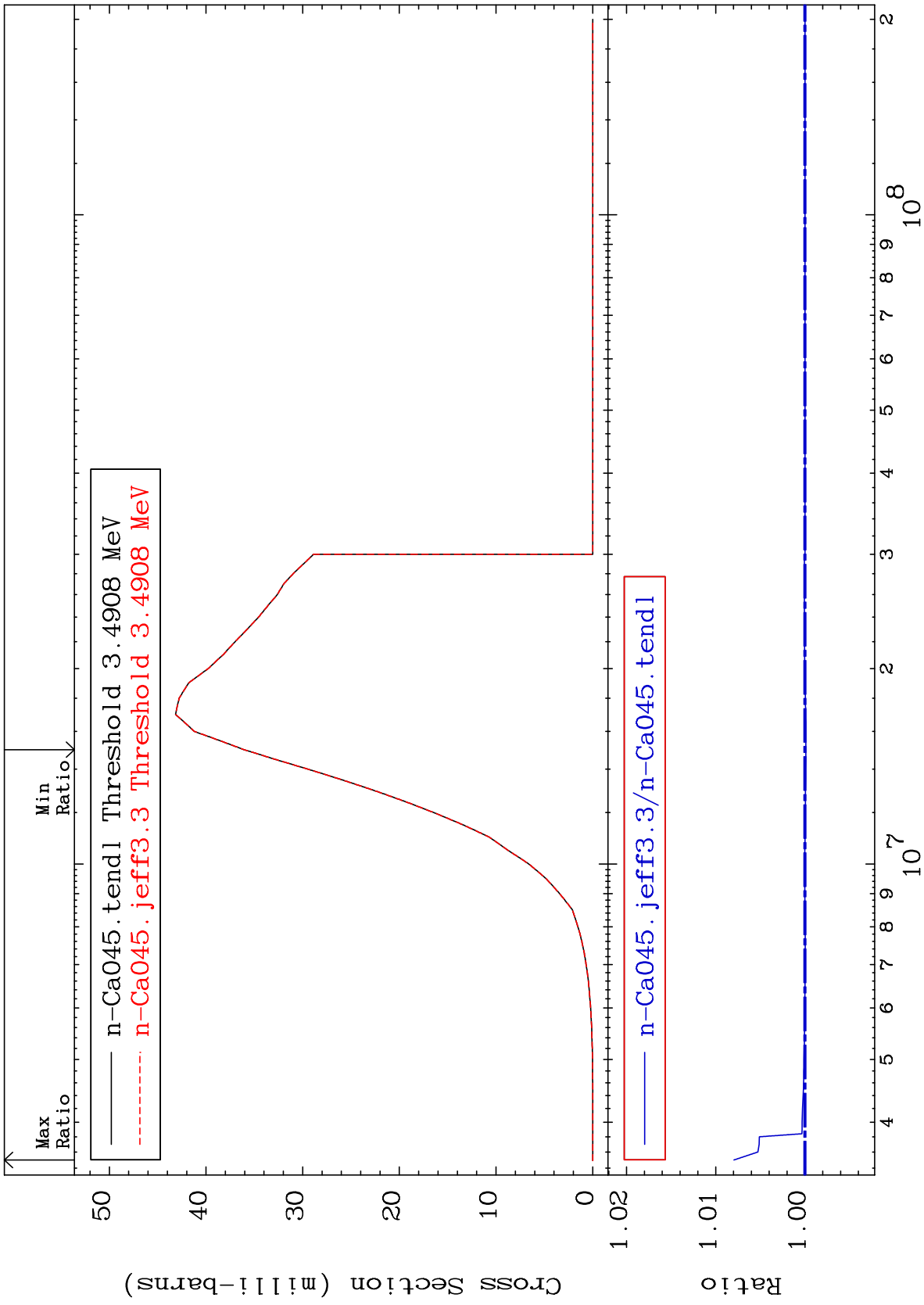
MAT 2040

(n,p)

20-Ca-45

Cross Section

-0.011 To 0.796 %



37

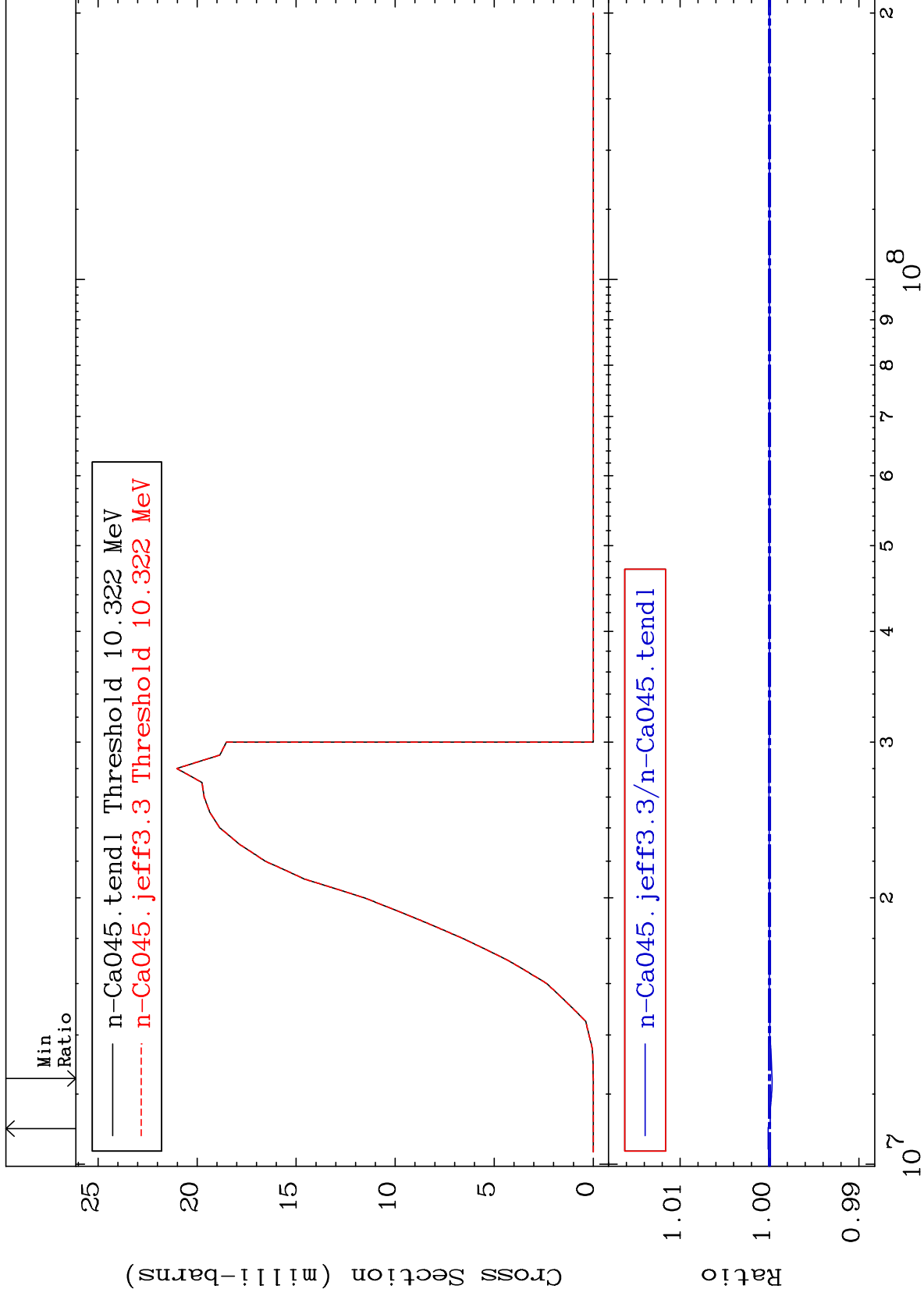
Incident Energy (eV)

20-Ca-45

MAT 2040

(n, d)
Cross Section

20-Ca-45
-0.030 To 0.014 %



38

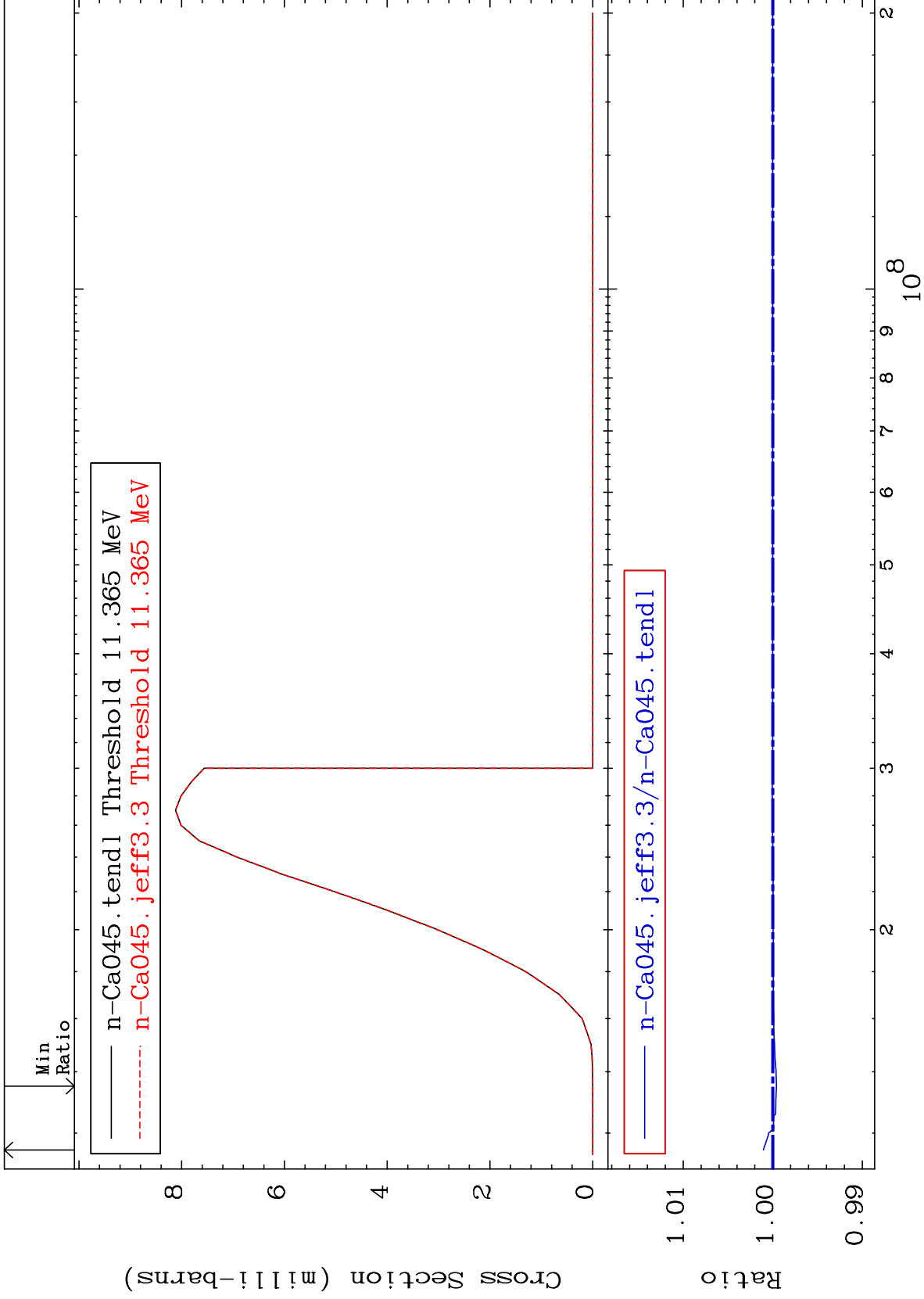
Incident Energy (eV)

20-Ca-45

MAT 2040

(n, t)
Cross Section

20-Ca-45
-0.042 To 0.106 %



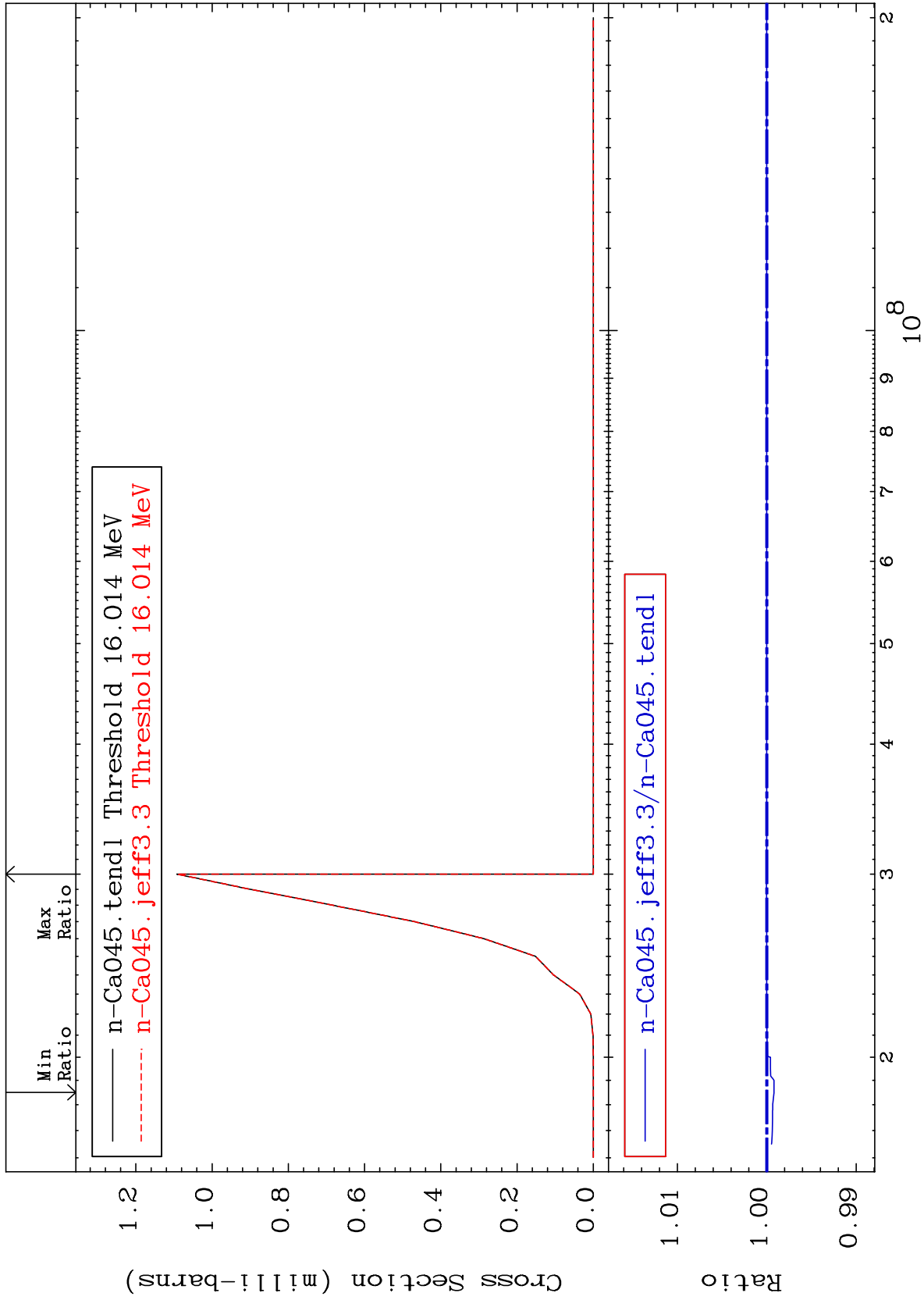
MAT 2040

(n, He-3)

20-Ca-45

Cross Section

-0.081 To 0.005 %



40

Incident Energy (eV)

20-Ca-45

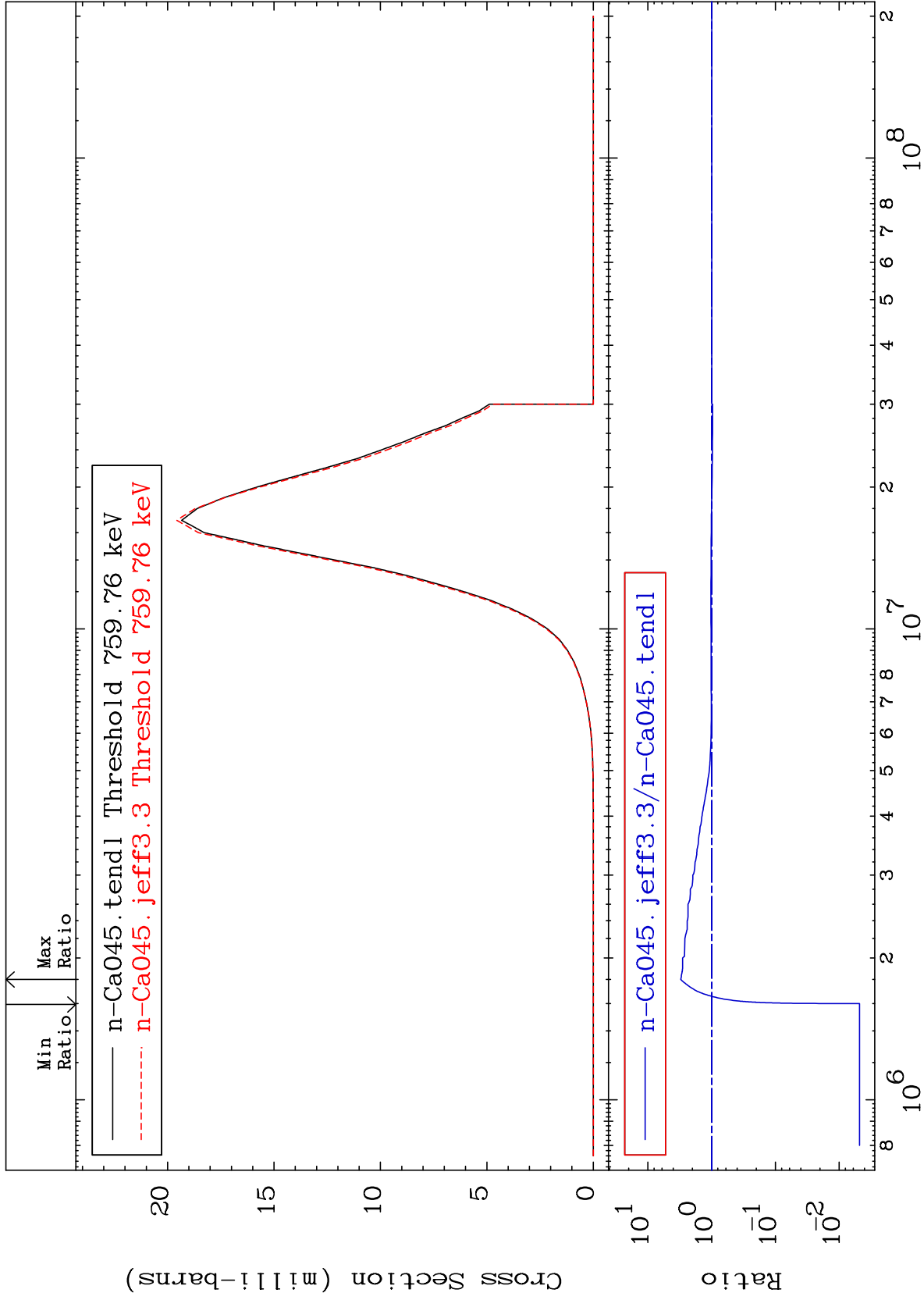
MAT 2040

(n, α)

20-Ca-45

Cross Section

-99.52 To 205.0 %



41

Incident Energy (eV)

20-Ca-45

MAT 2040

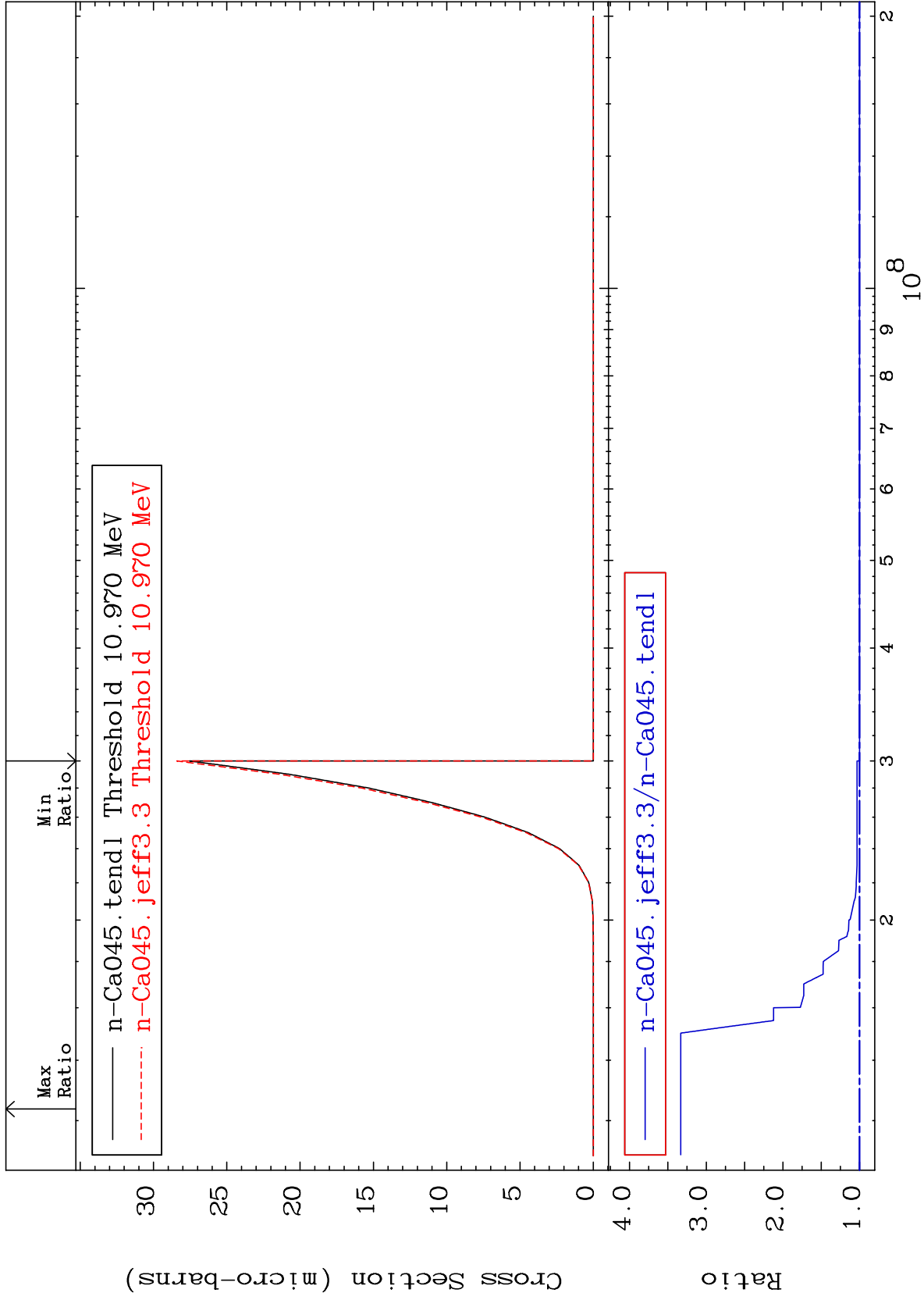
(n,2α)

20-Ca-45

Cross Section

0.000

To 233.2 %



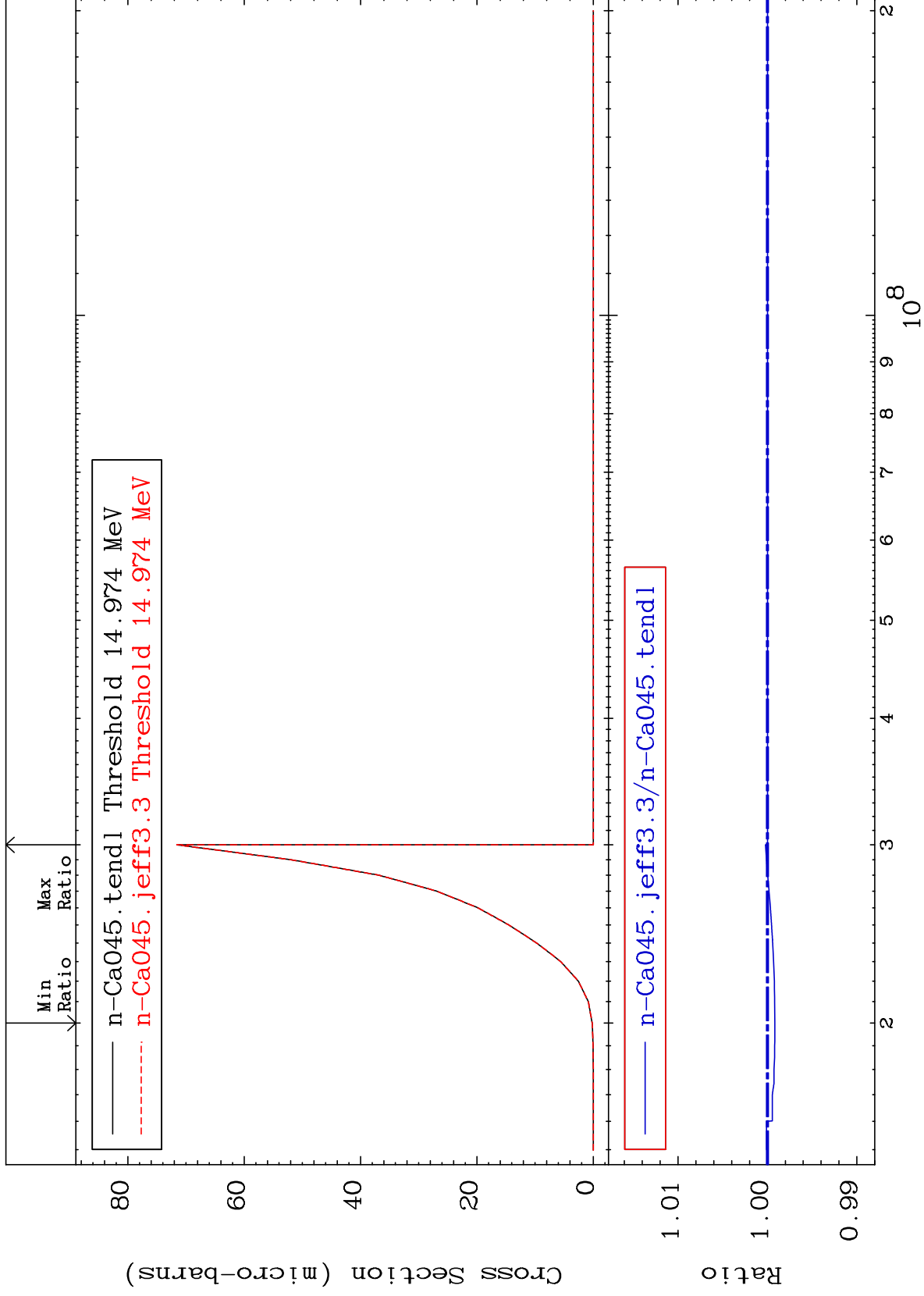
MAT 2040

(n,2p)

20-Ca-45

Cross Section

-0.083 To 0.023 %



MAT 2040

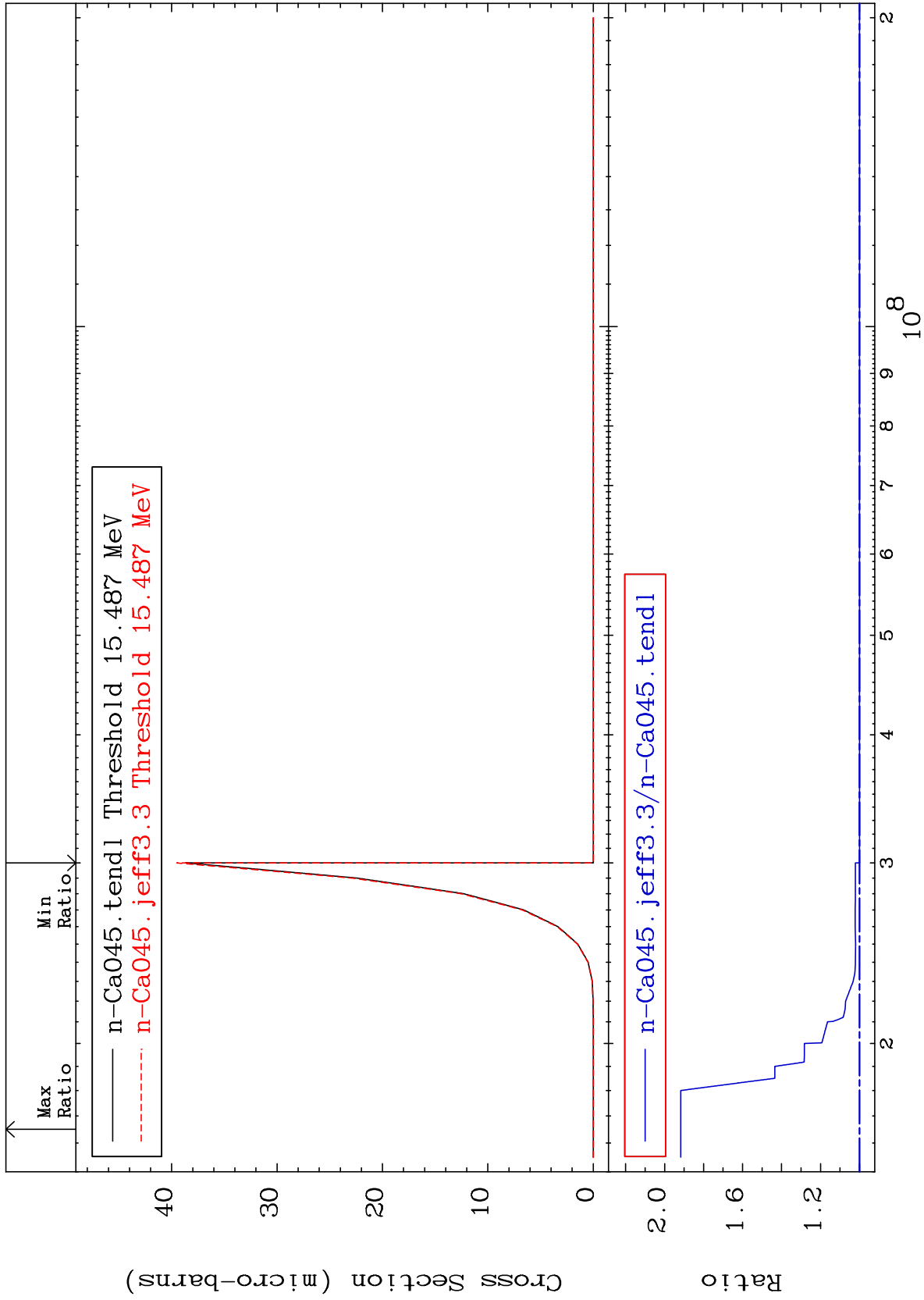
(n, p) α

20-Ca-45

Cross Section

0.000

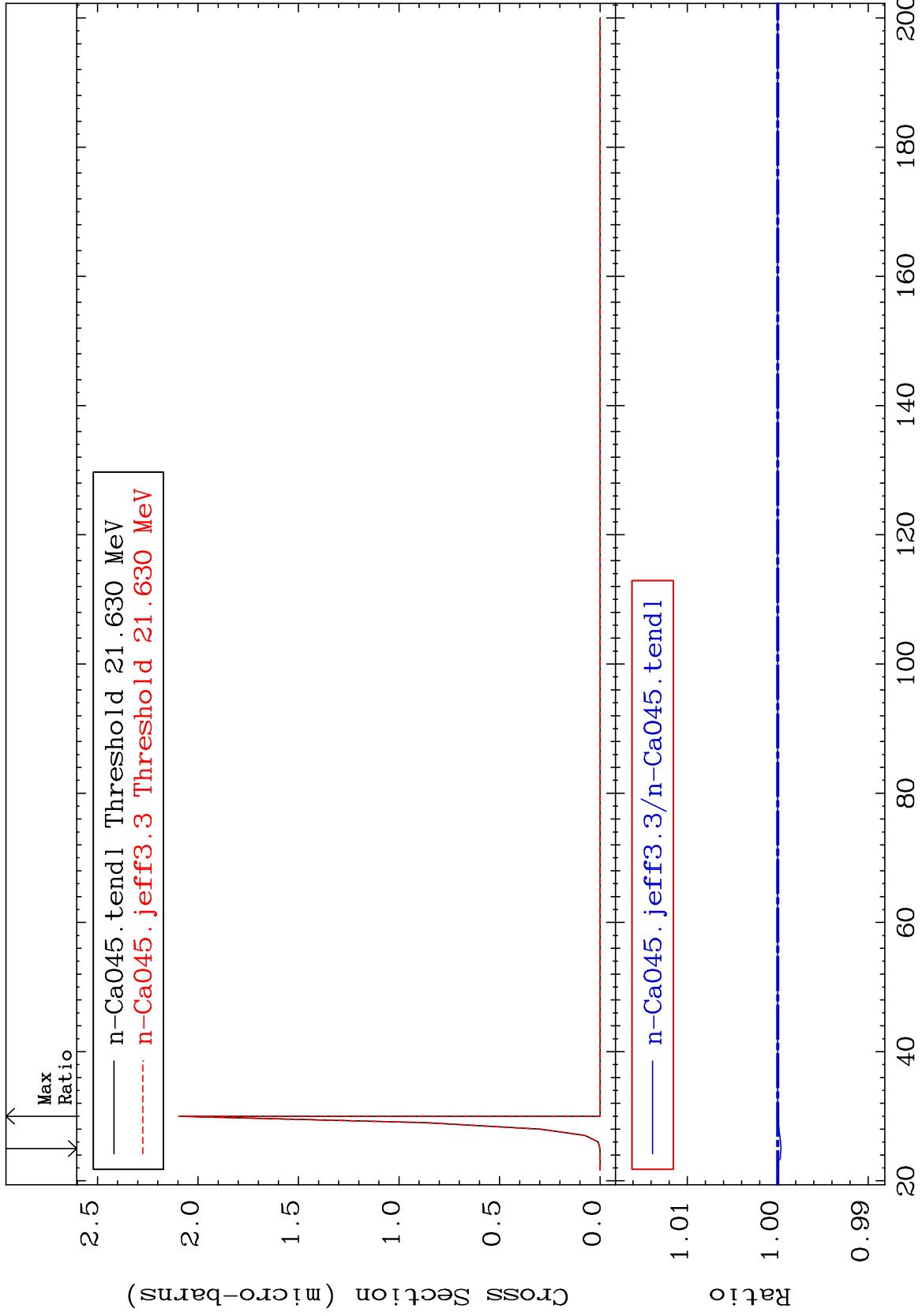
To 91.71 %



MAT 2040

(n, p) d
Cross Section

20-Ca-45
-0.036 To 0.007 %



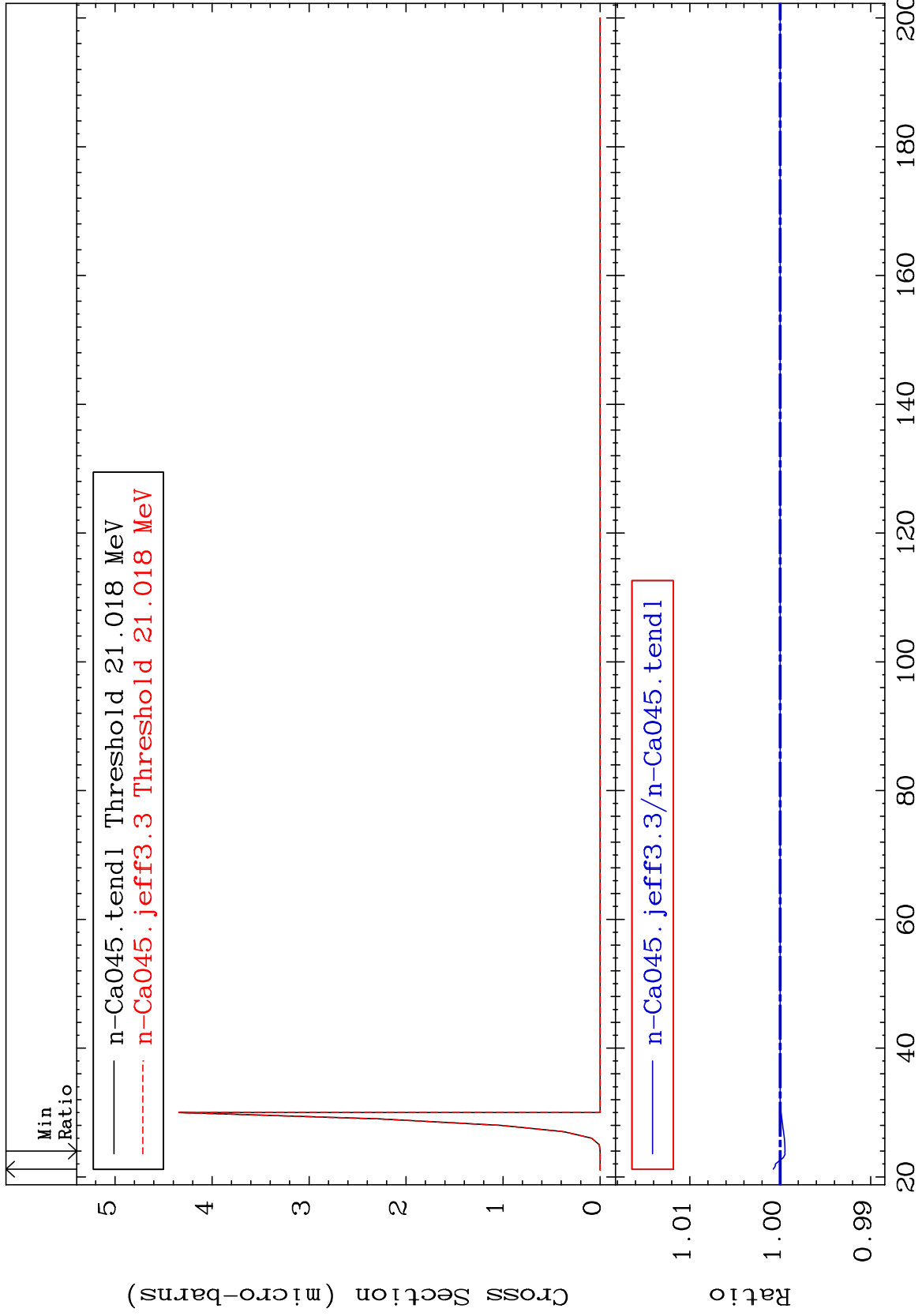
45

20-Ca-45

MAT 2040

(n,p) t
Cross Section

20-Ca-45
-0.052 To 0.078 %



46

Incident Energy (MeV)

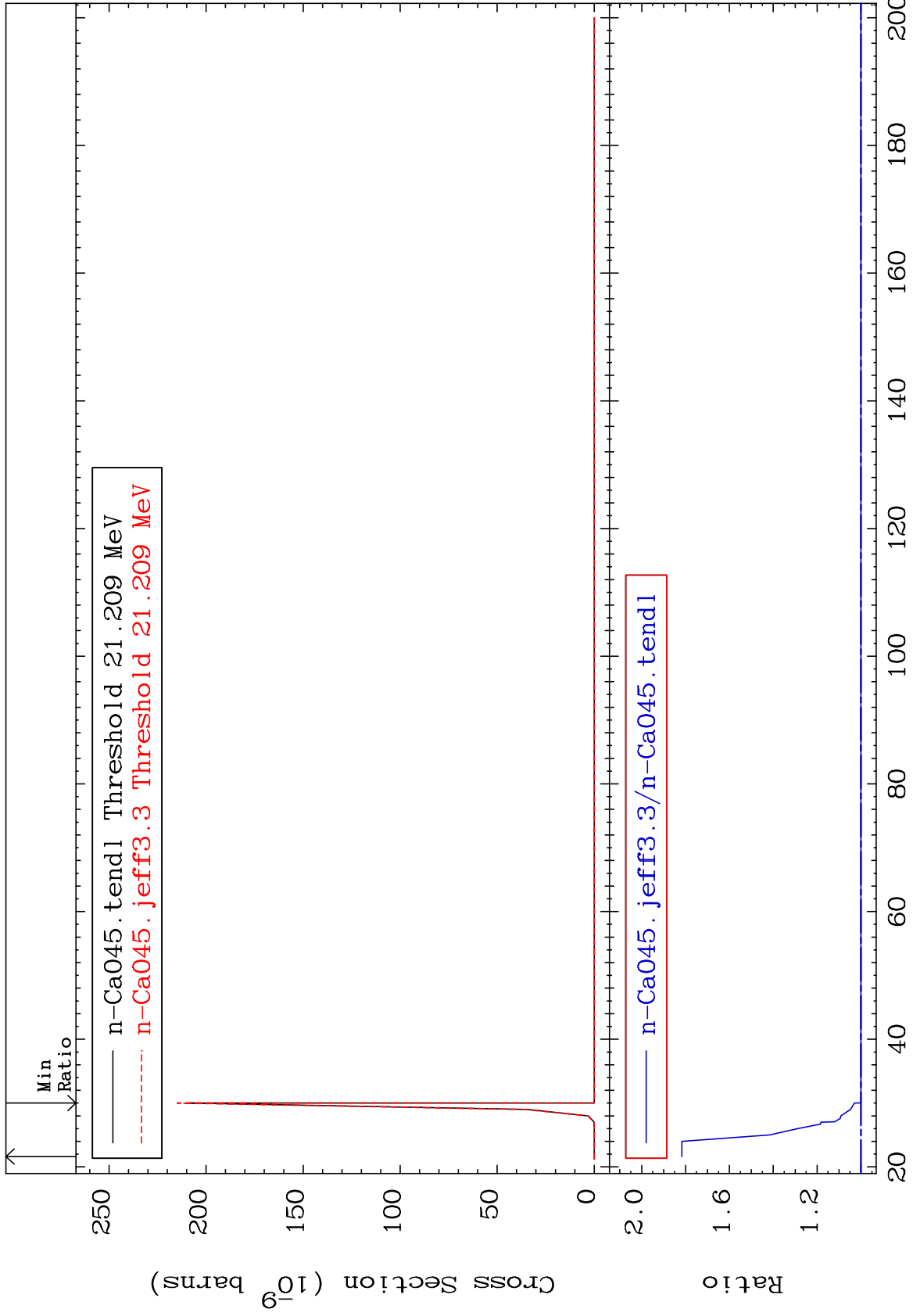
20-Ca-45

MAT 2040

(n, d) α
Cross Section

20-Ca-45

0.000 To 81.68 %



47

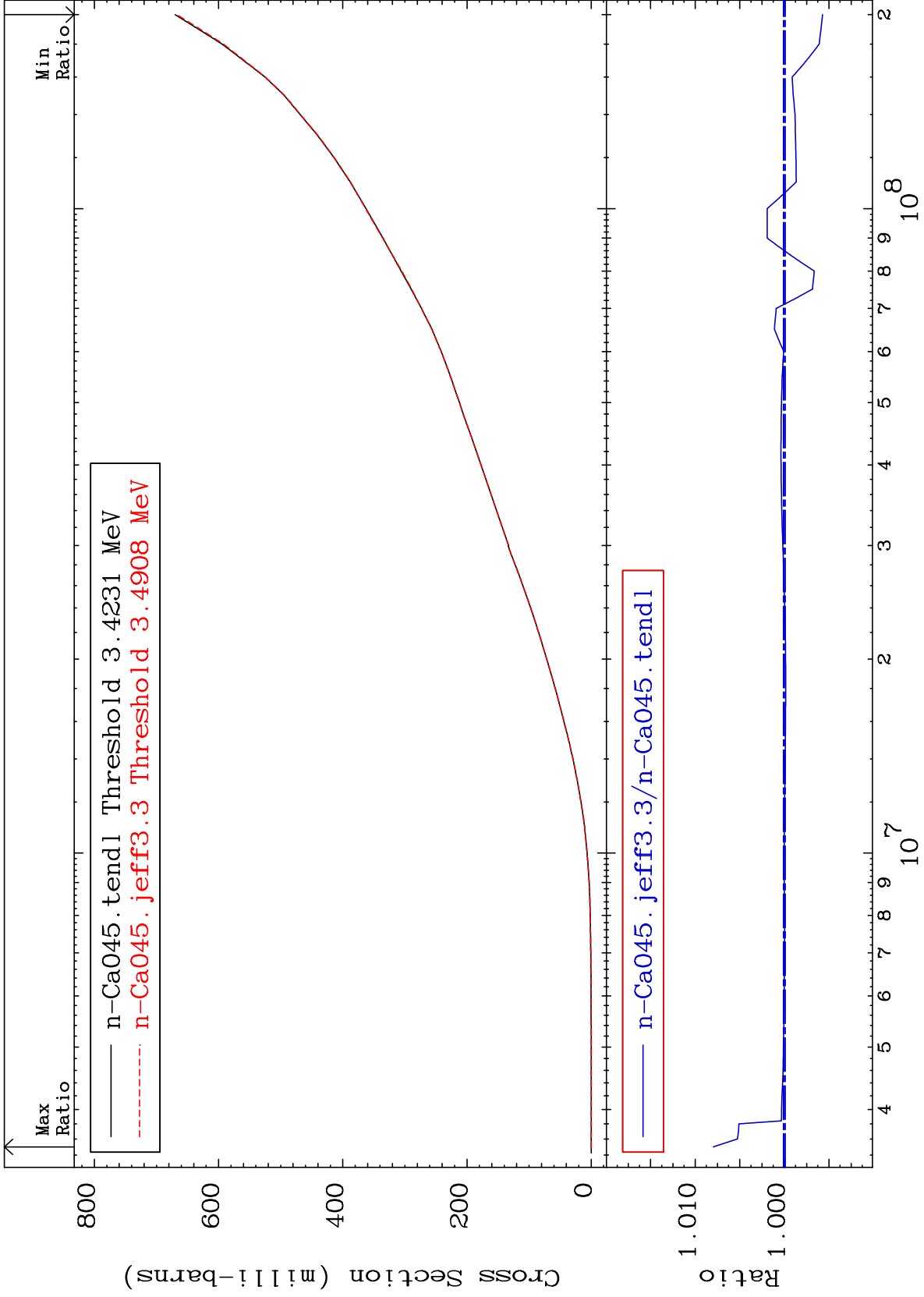
Incident Energy (MeV)

20-Ca-45

MAT 2040

Hydrogen Production
Cross Section

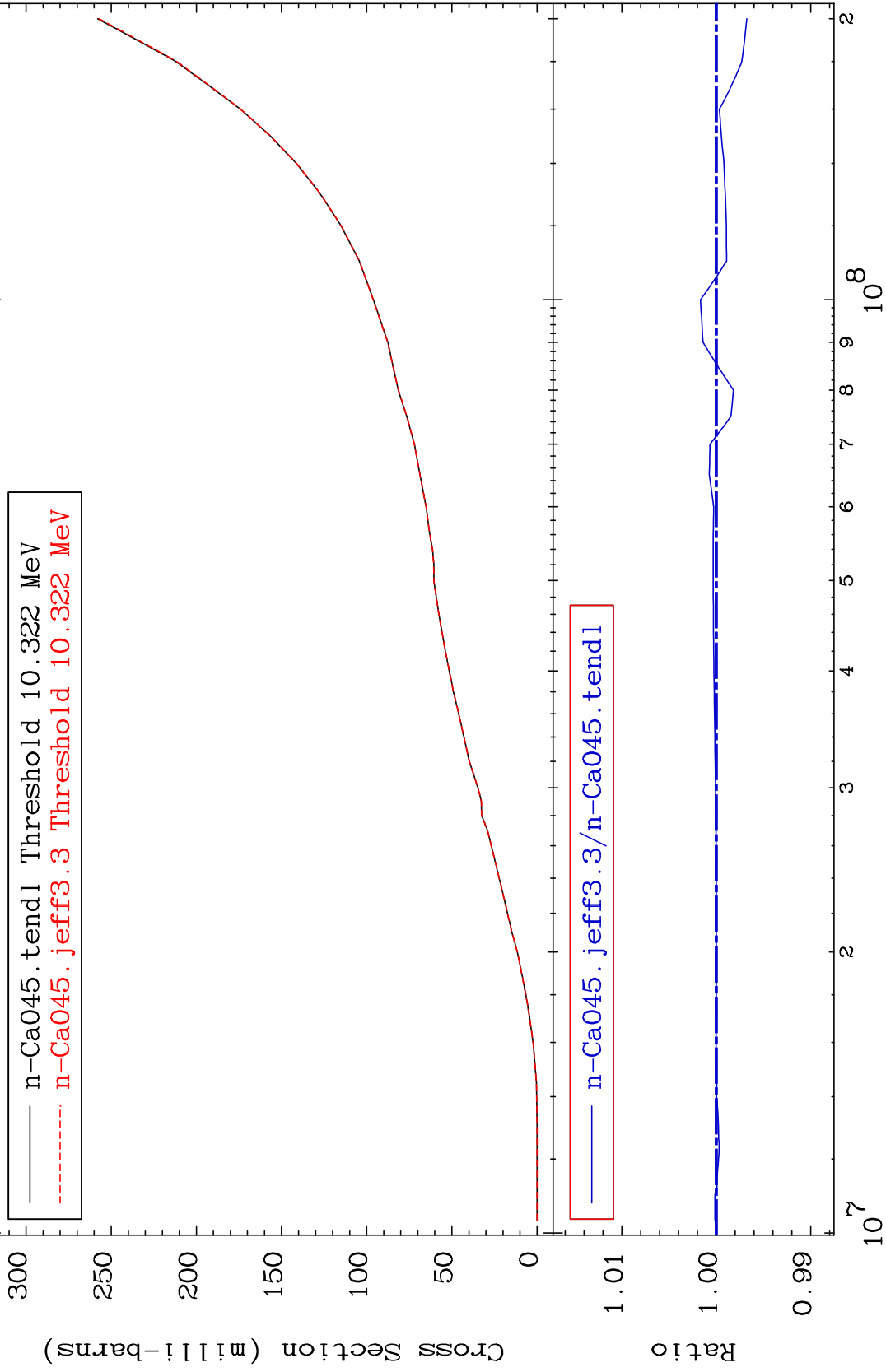
20-Ca-45
-0.429 To 0.796 %



MAT 2040

Deuterium Production
Cross Section

20-Ca-45
-0.323 To 0.167 %



49

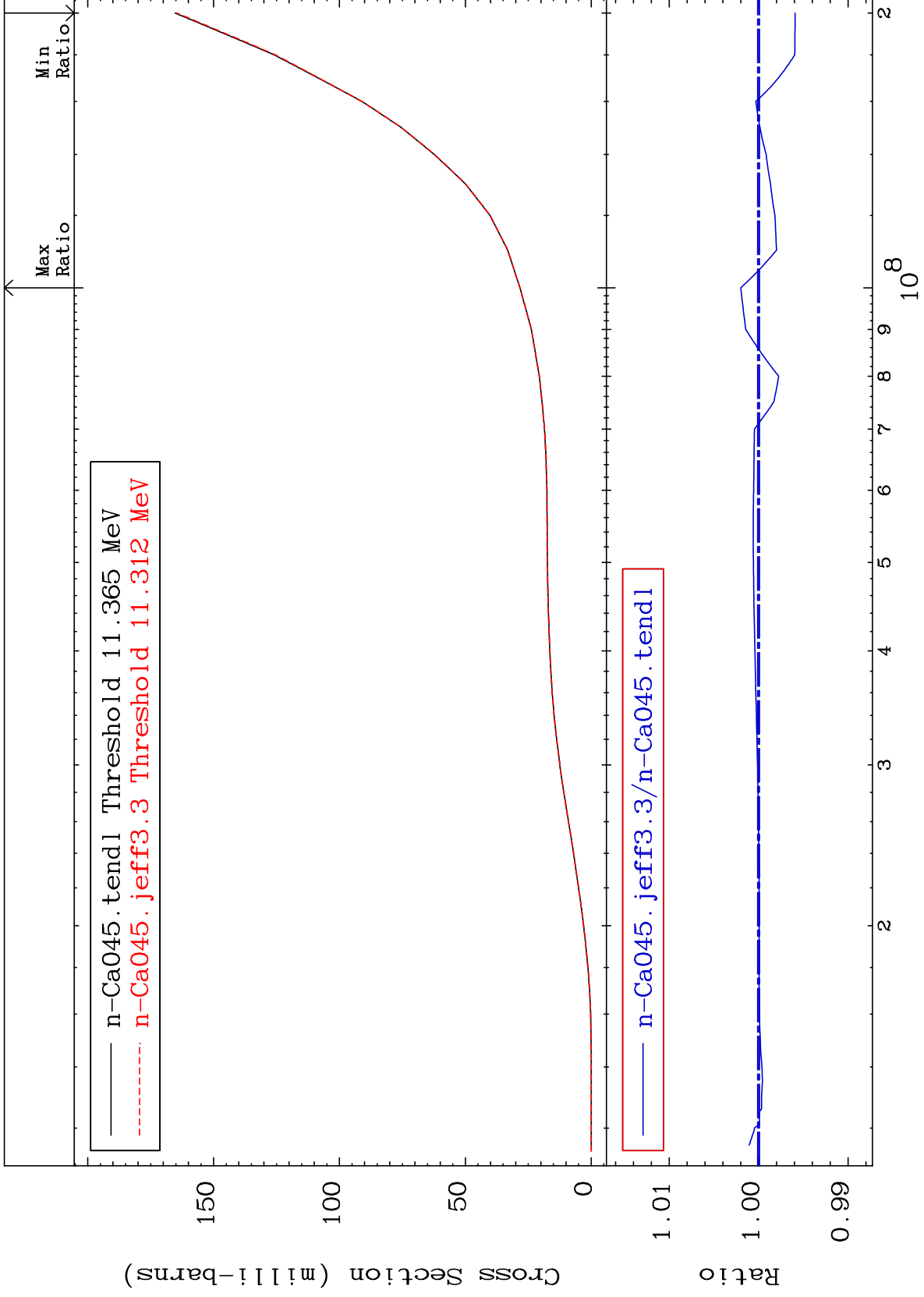
Incident Energy (eV)

20-Ca-45

MAT 2040

Tritium Production
Cross Section

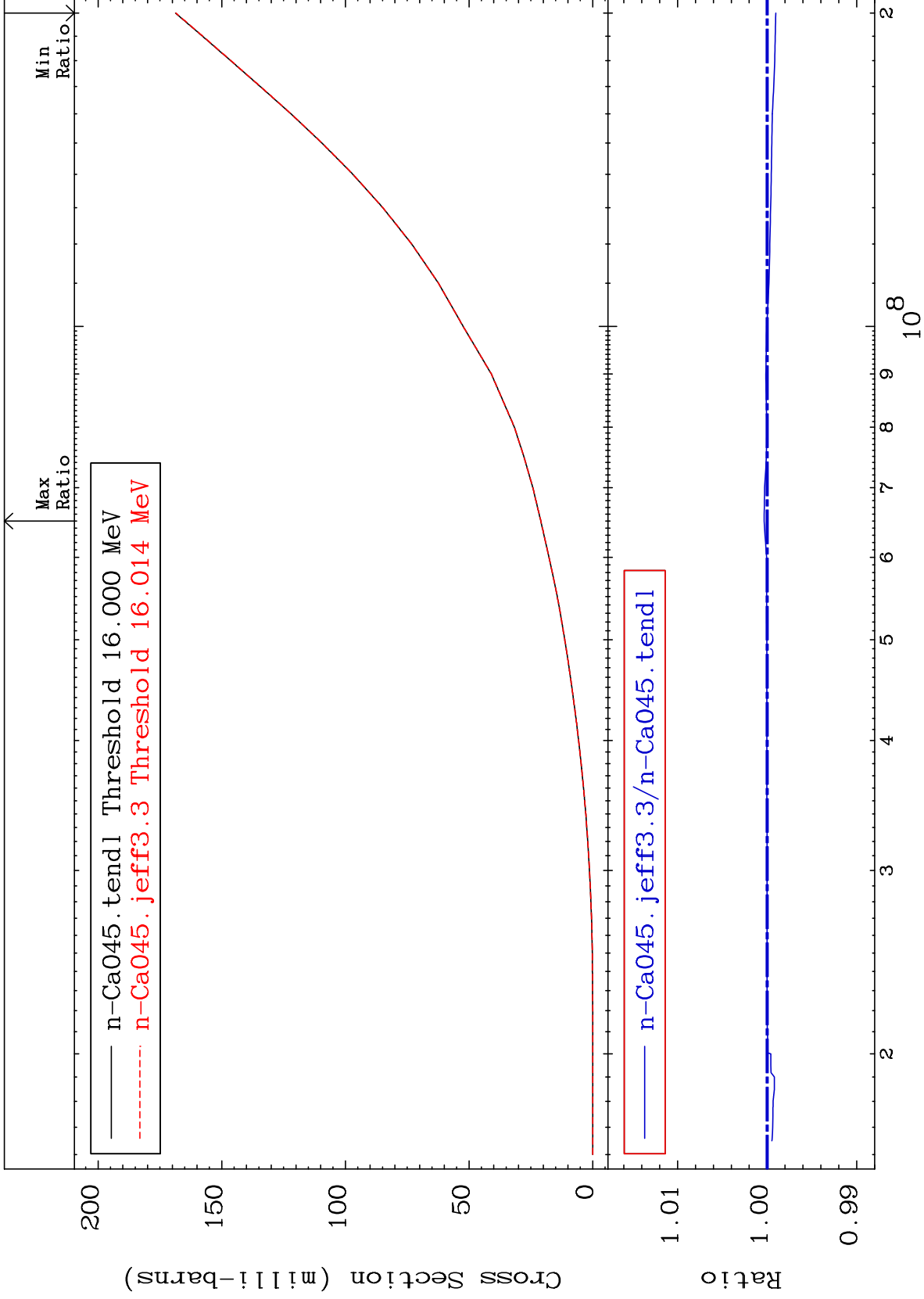
20-Ca-45
-0.408 To 0.199 %



50

Incident Energy (eV)

20-Ca-45



MAT 2040

He-4 Production
Cross Section

20-Ca-45
-99.52 To 205.0 %

