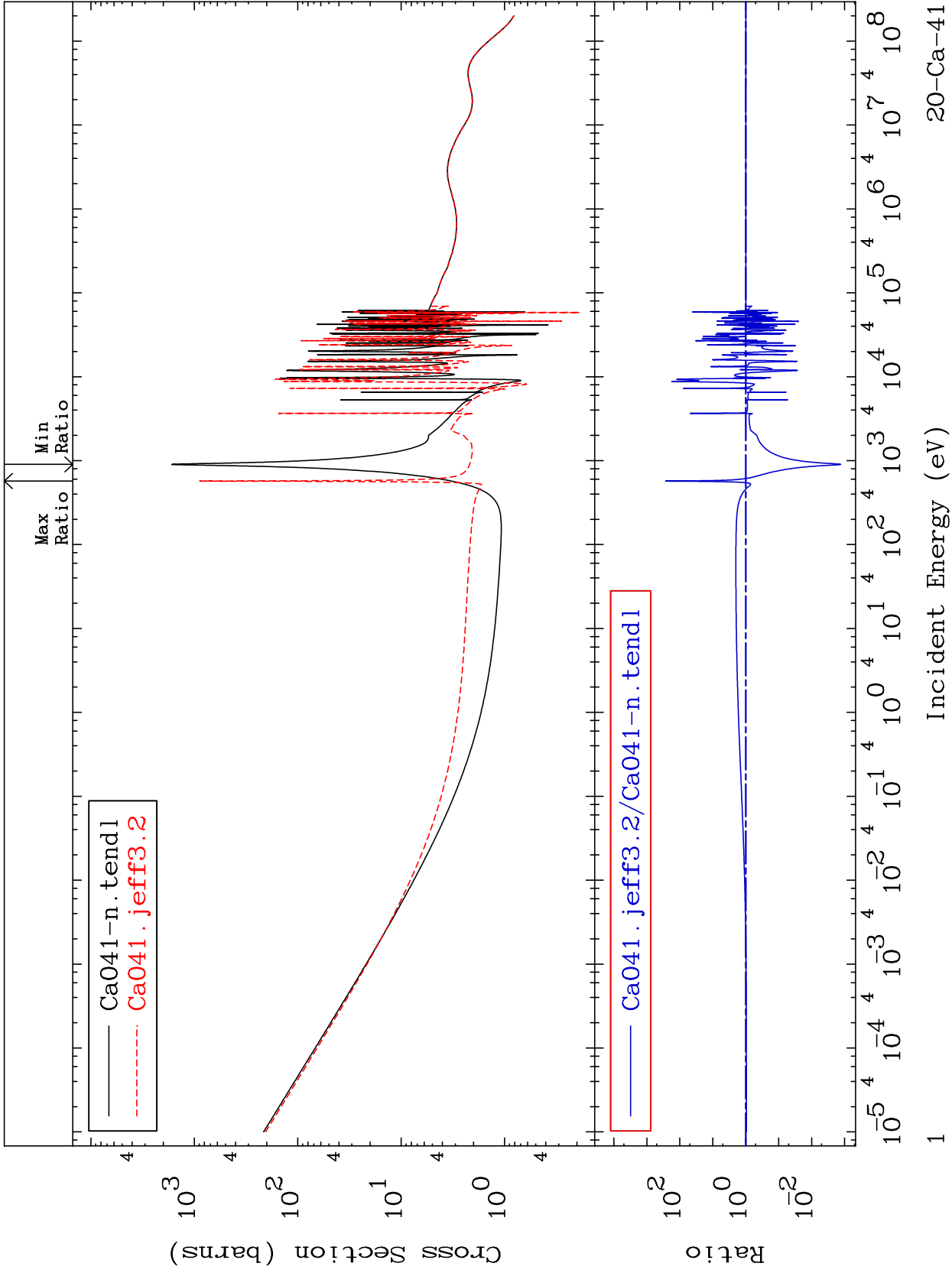


MAT 2028

Total
Cross Section

20-Ca-41
-99.87 To 9999. %

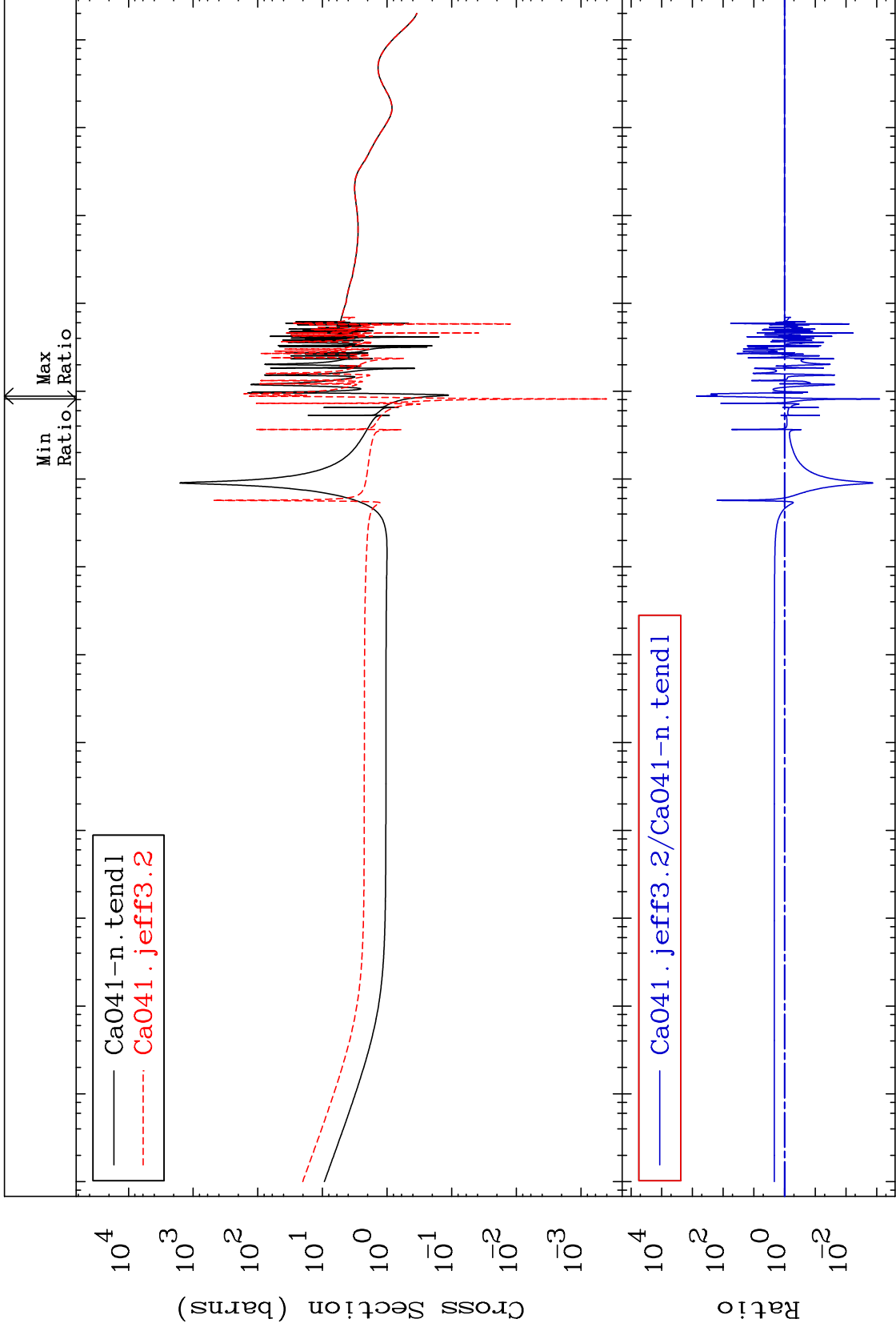


20-Ca-41

MAT 2028

Elastic
Cross Section

20-Ca-41
-99.92 To 9999. %



2

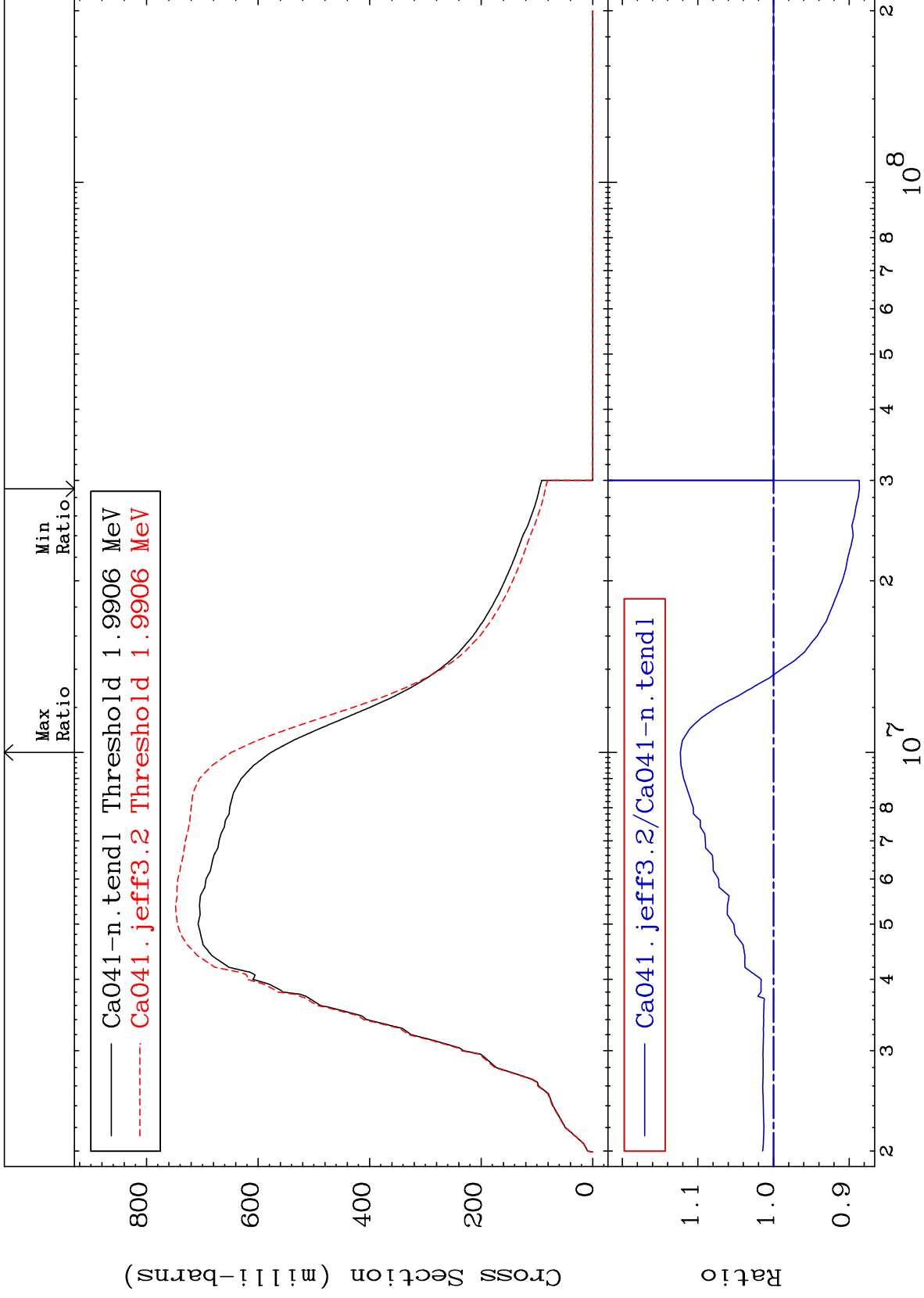
Incident Energy (eV)

20-Ca-41

MAT 2028

Inelastic
Cross Section

20-Ca-41
-11.36 To 12.32 %



3

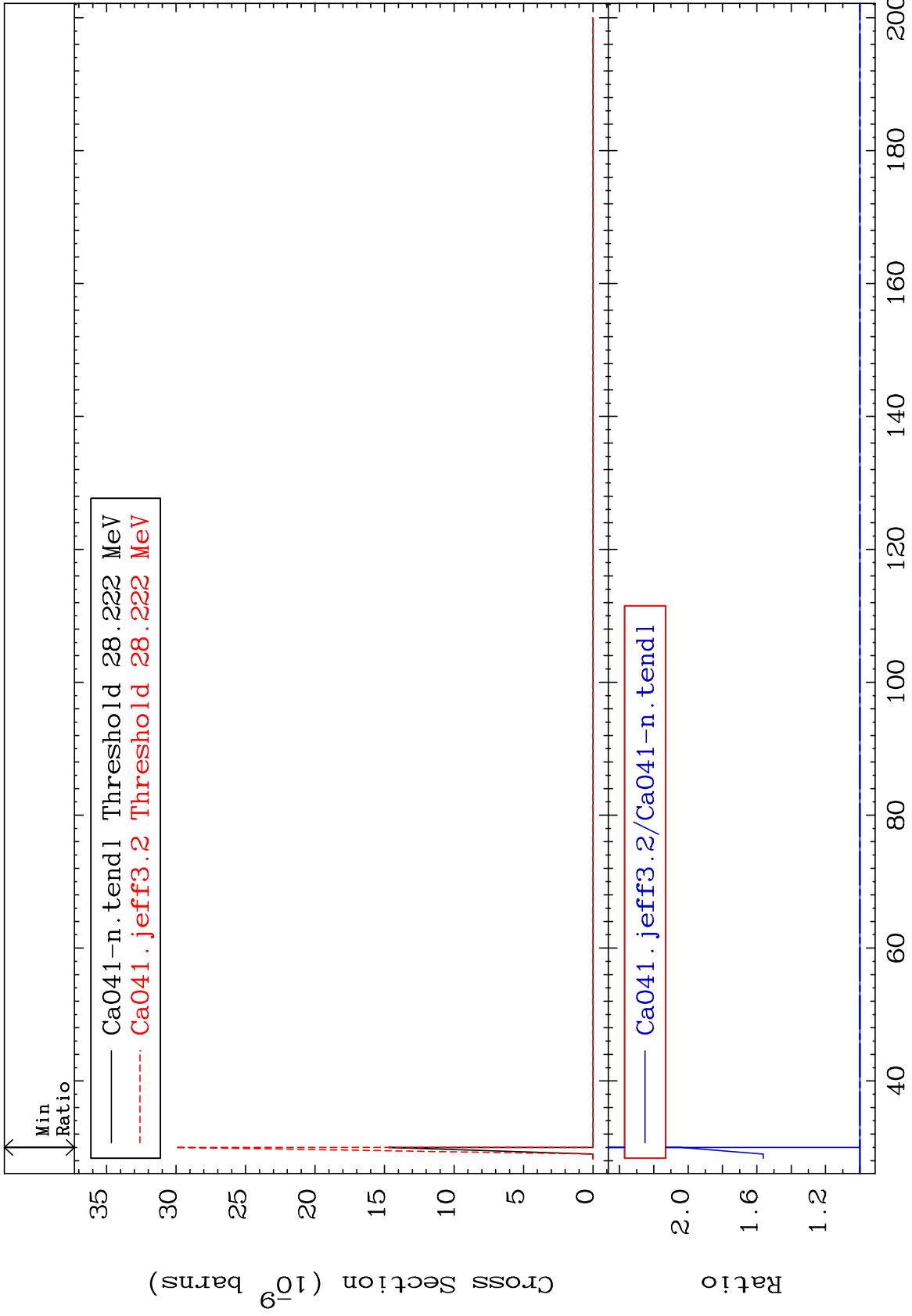
Incident Energy (eV)

20-Ca-41

MAT 2028

(n,2n) d
Cross Section

20-Ca-41
0.000 To 104.3 %



MAT 2028

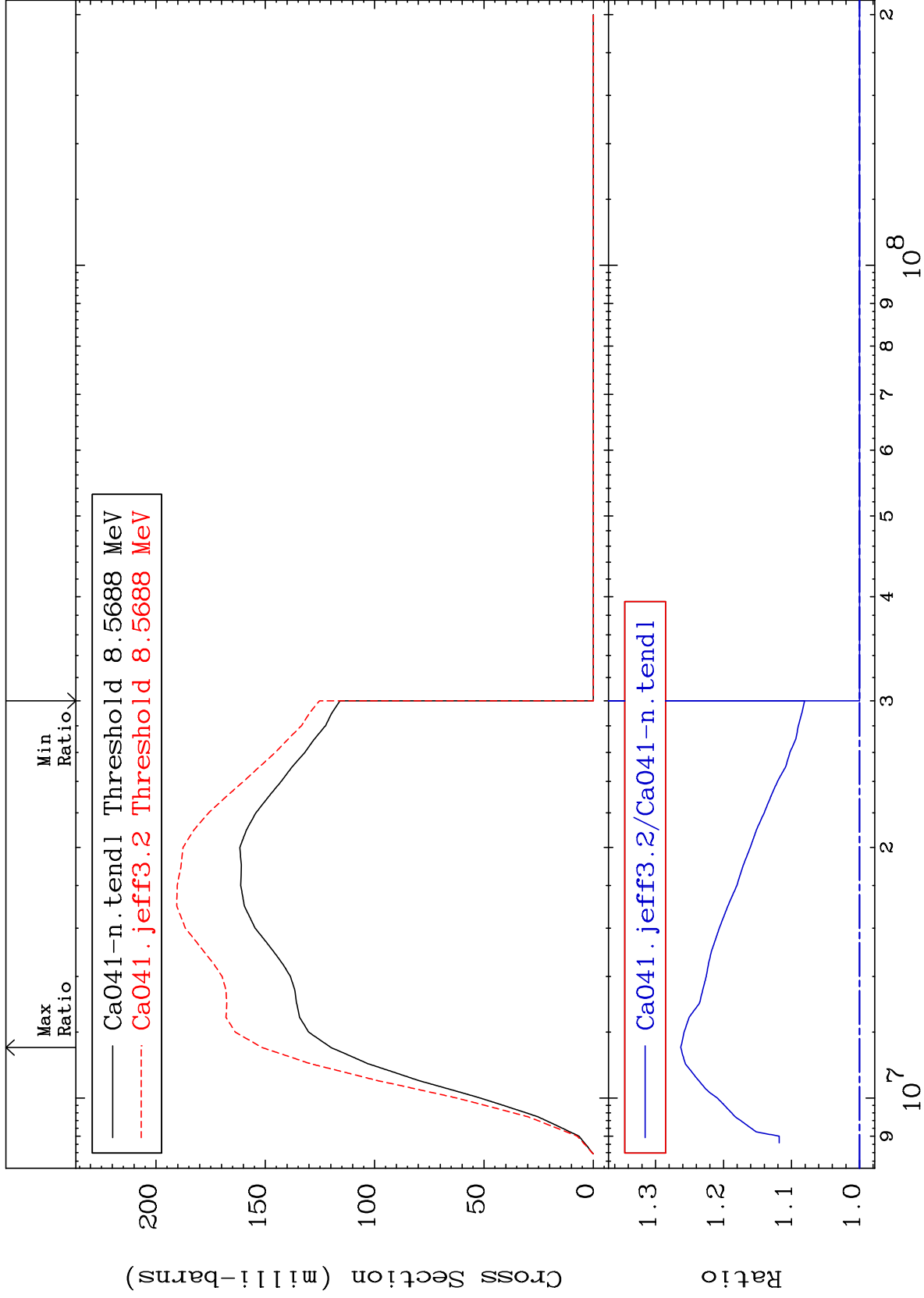
(n,2n)

20-Ca-41

Cross Section

0.000

To 26.29 %



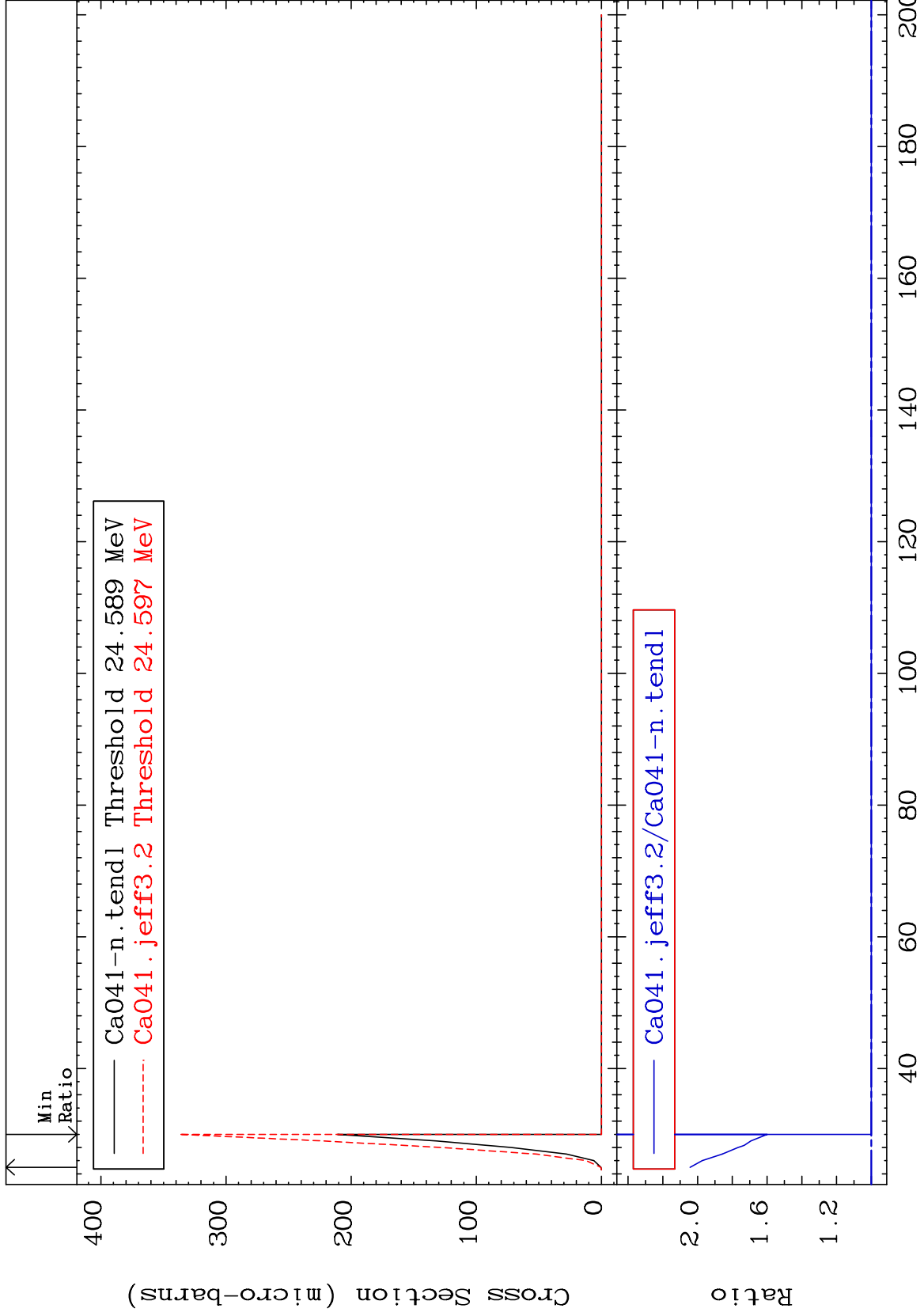
MAT 2028

(n,3n)

20-Ca-41

Cross Section

0.000 To 104.3 %



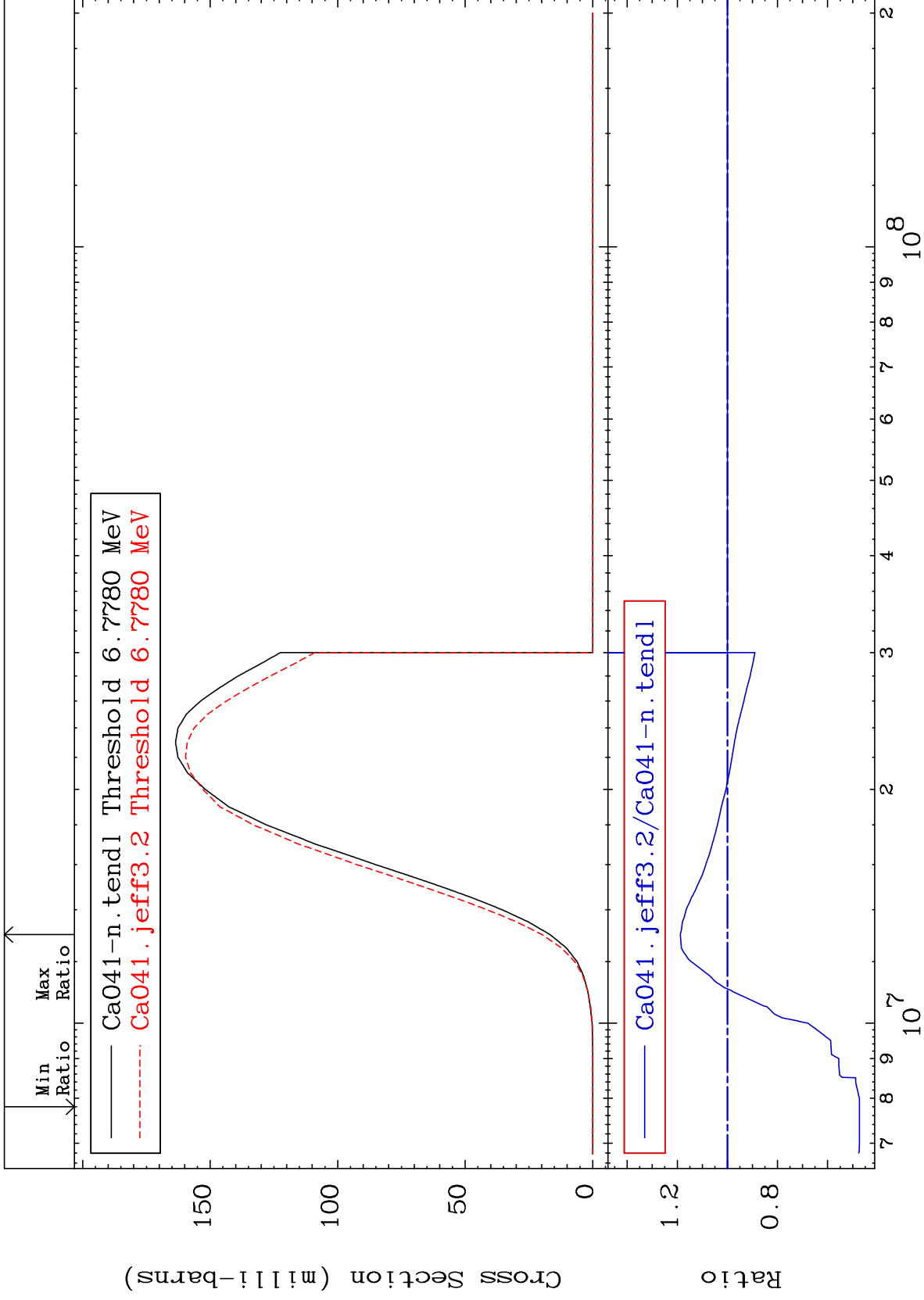
Incident Energy (MeV)

20-Ca-41

MAT 2028

(n, n') α
Cross Section

20-Ca-41
-52.70 To 18.78 %

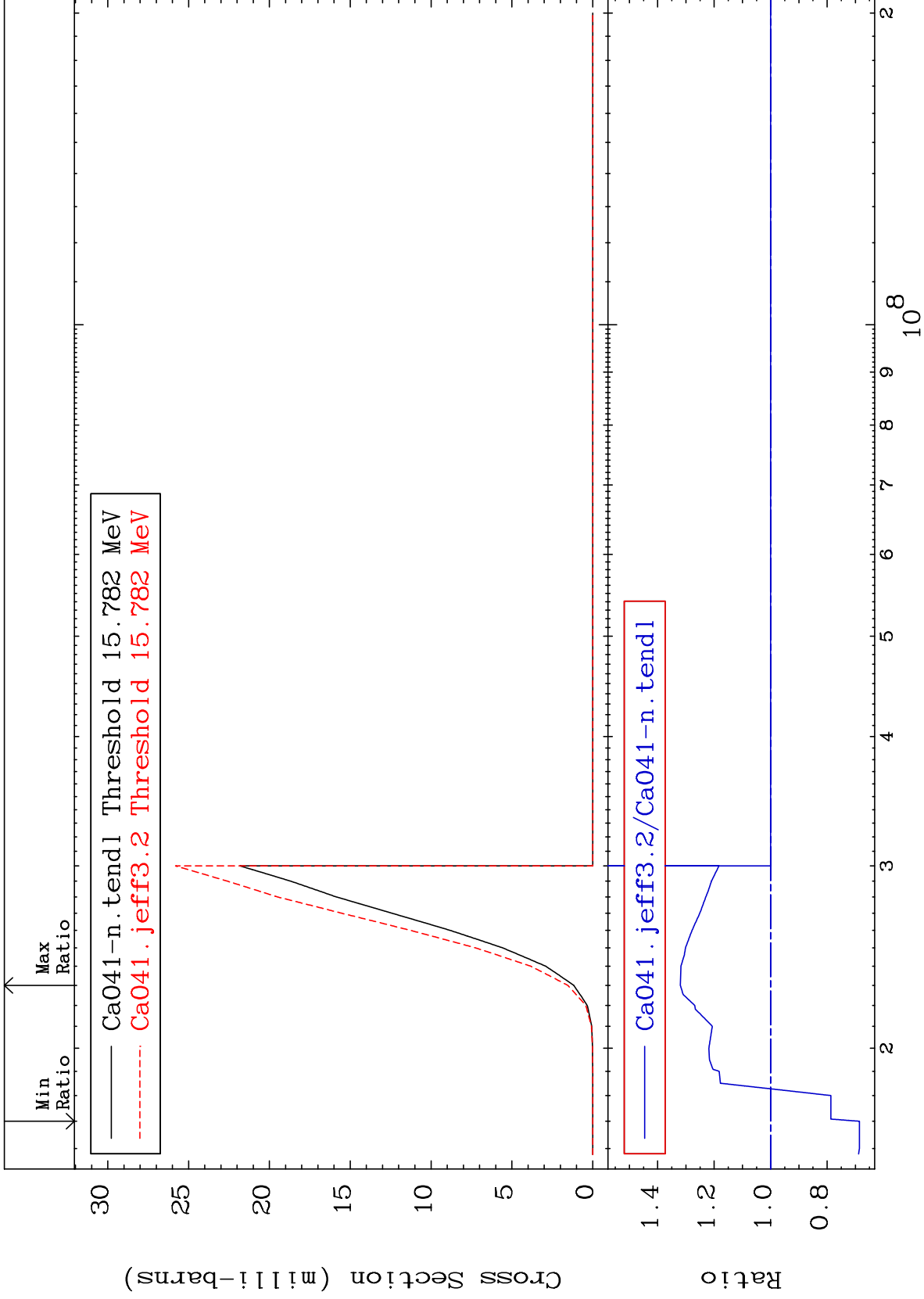


7

MAT 2028

(n,2n) α
Cross Section

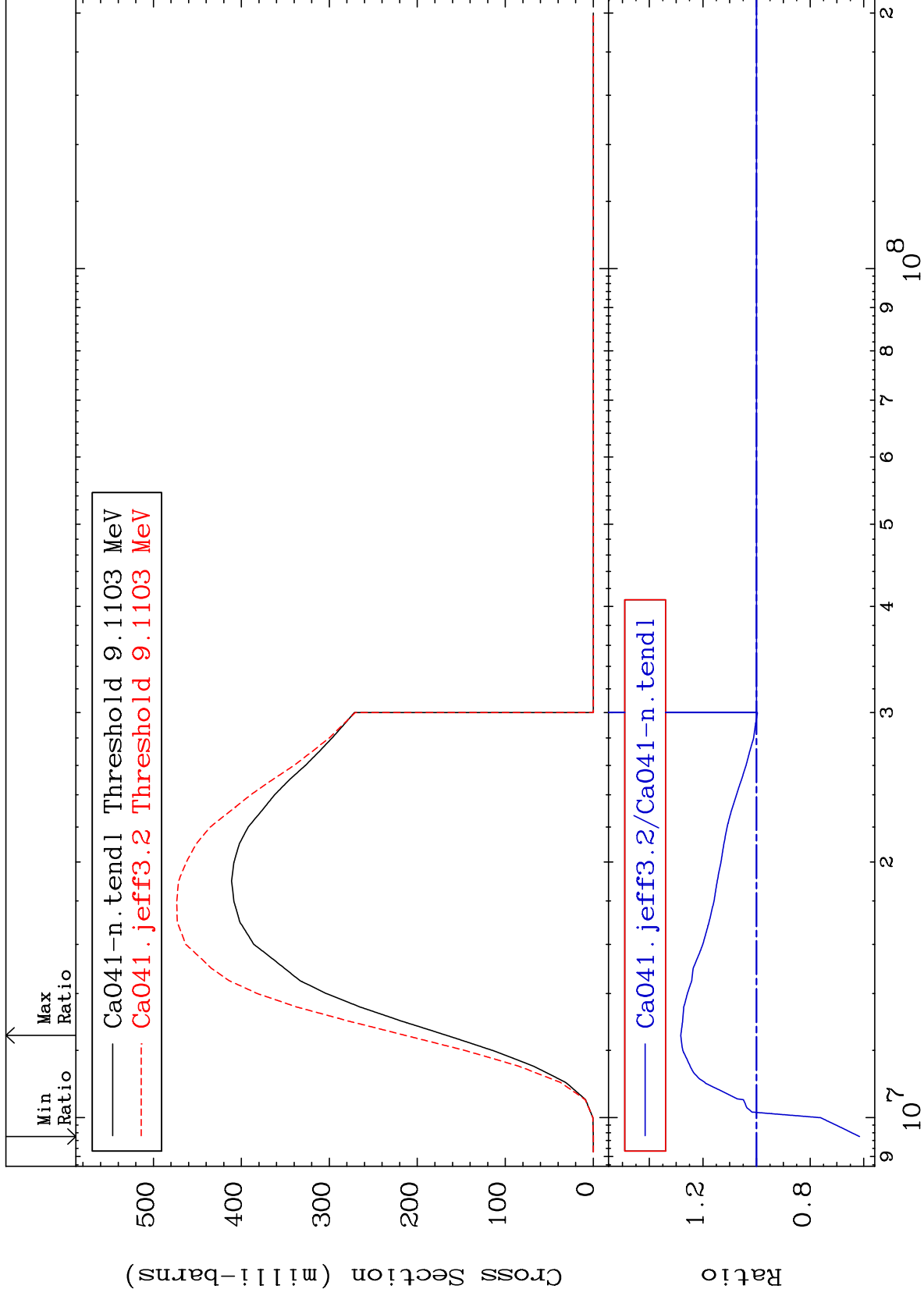
20-Ca-41
-31.43 To 31.97 %



MAT 2028

(n, n') p
Cross Section

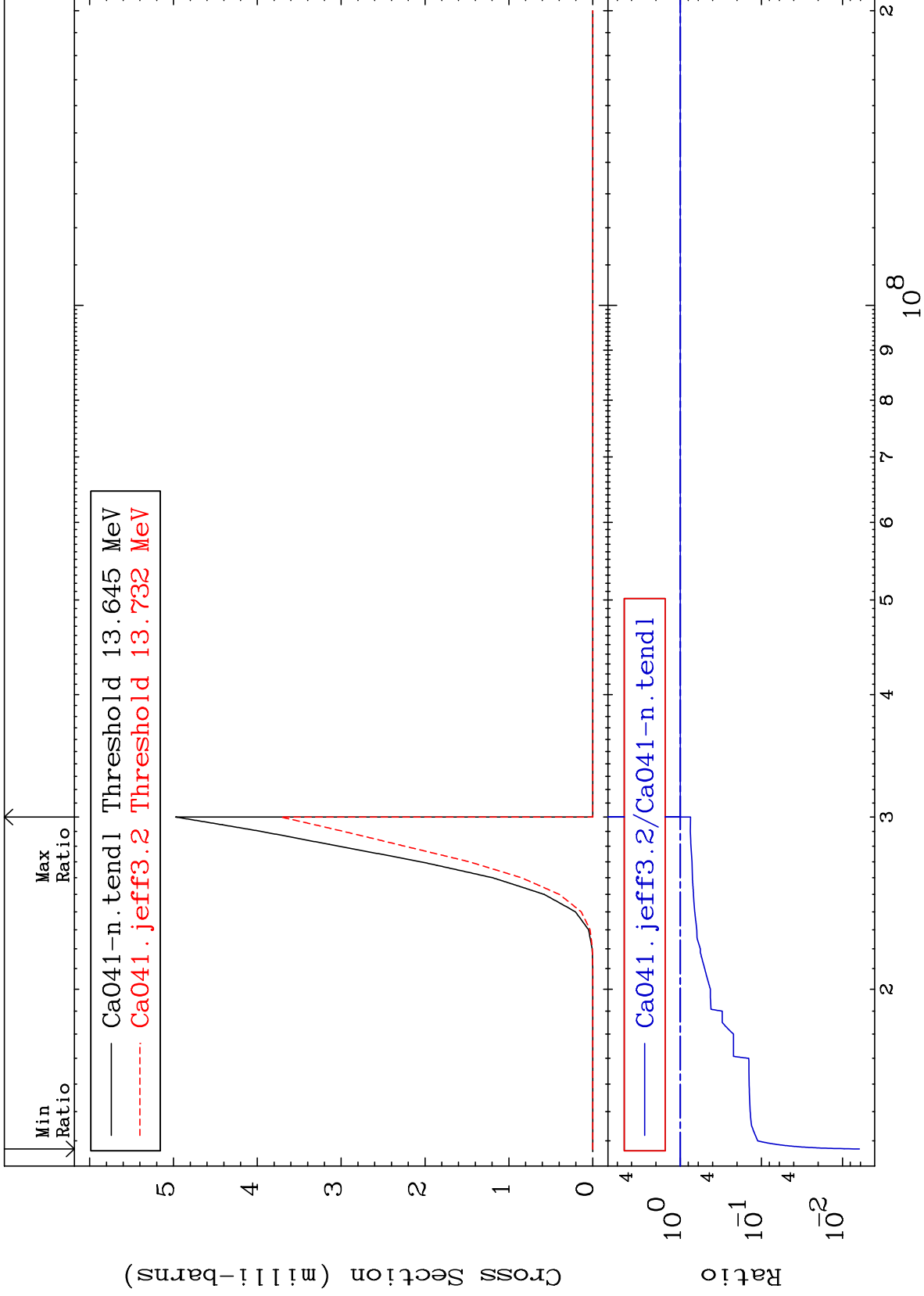
20-Ca-41
-38.44 To 28.27 %



MAT 2028

(n, n') 2α
Cross Section

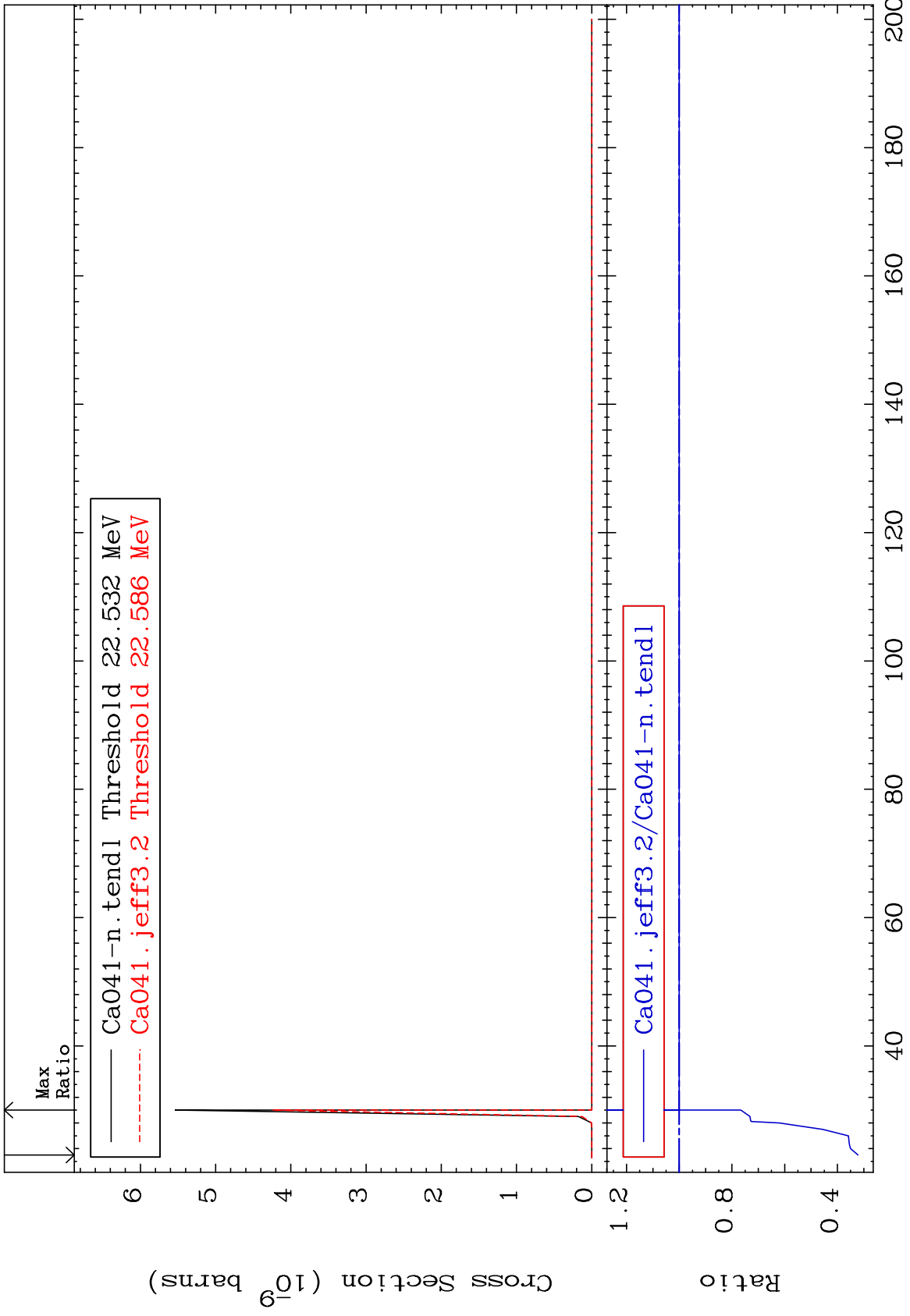
20-Ca-41
-99.38 To 0.000 %

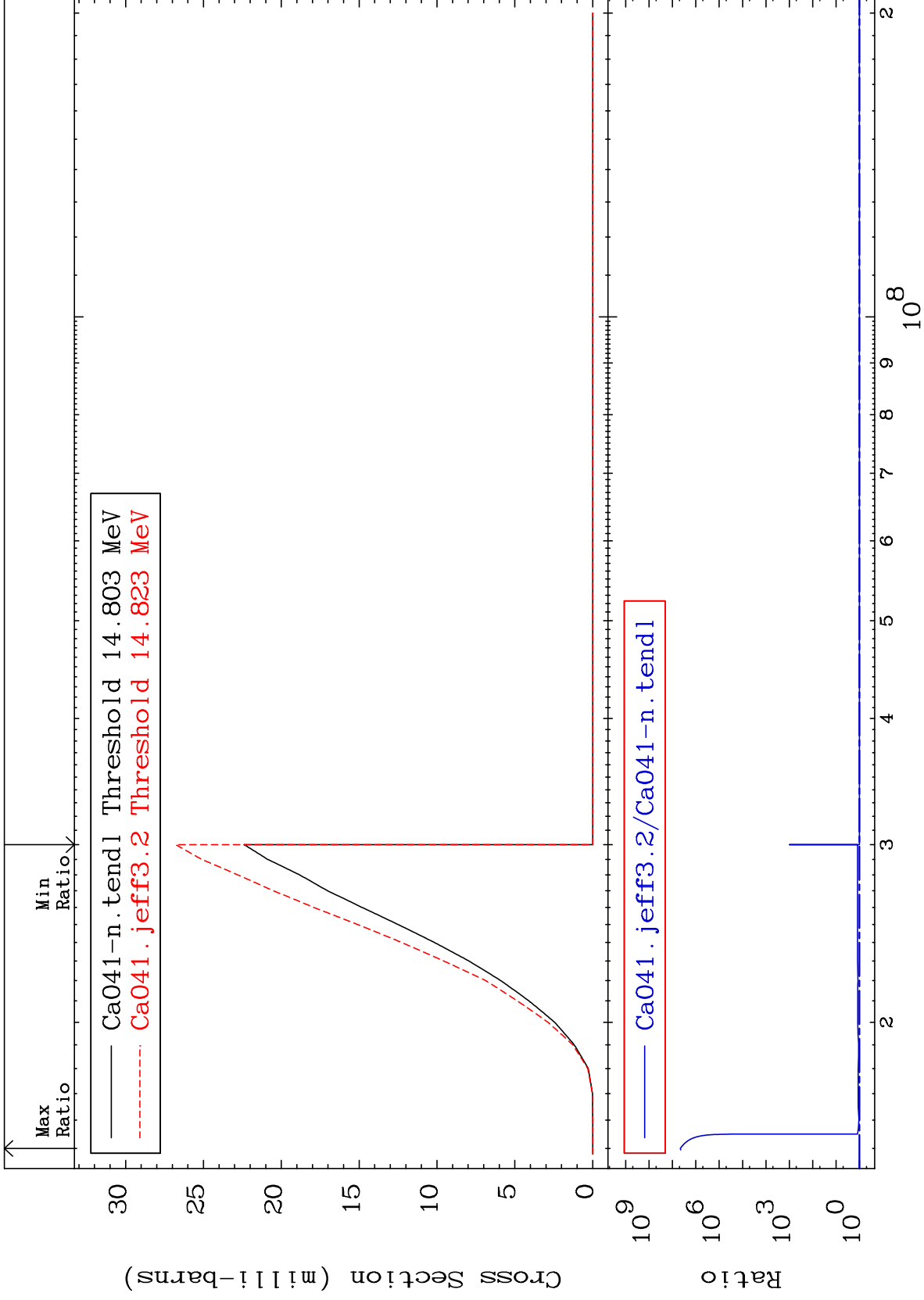


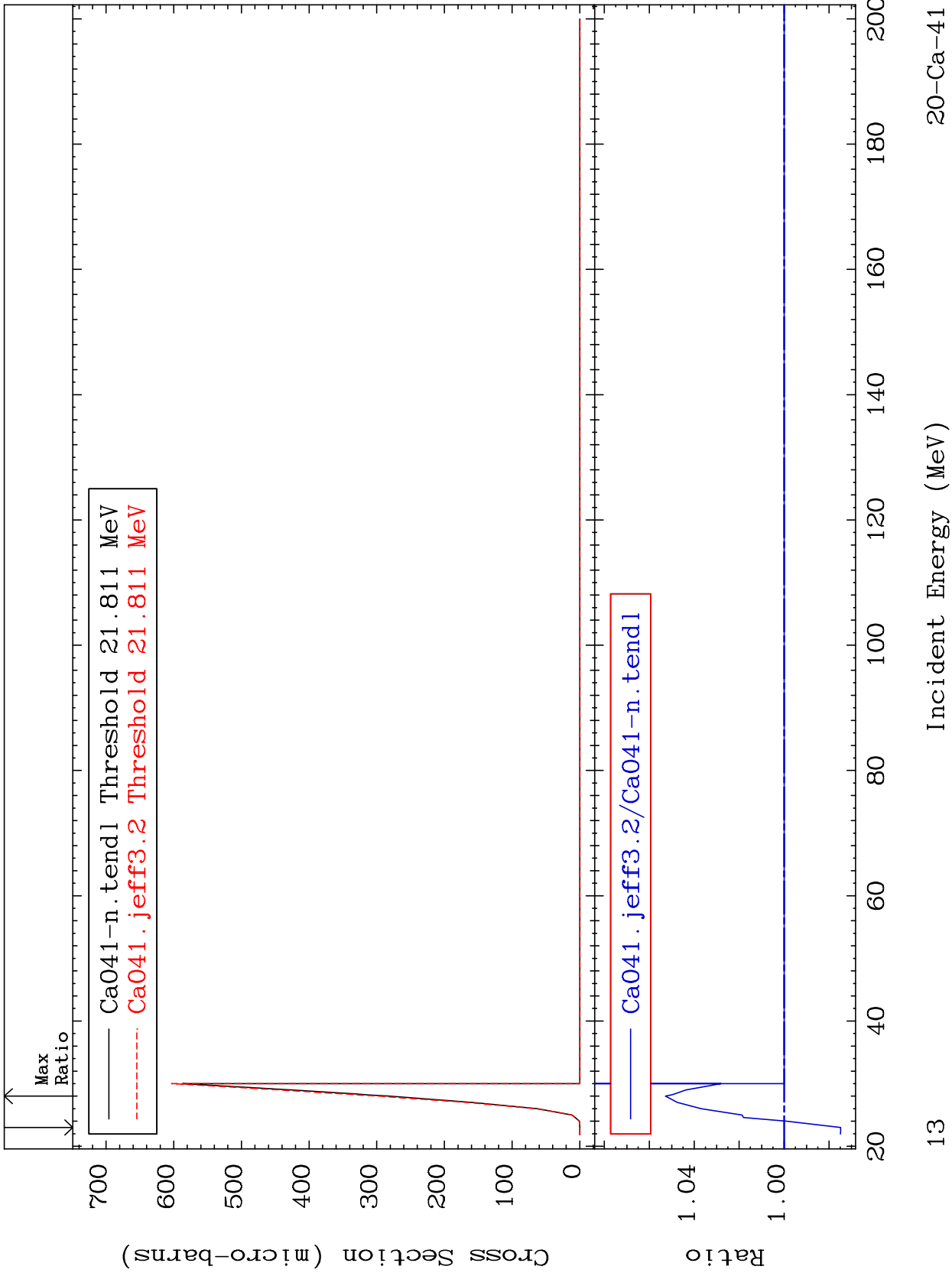
10

Incident Energy (eV)

20-Ca-41



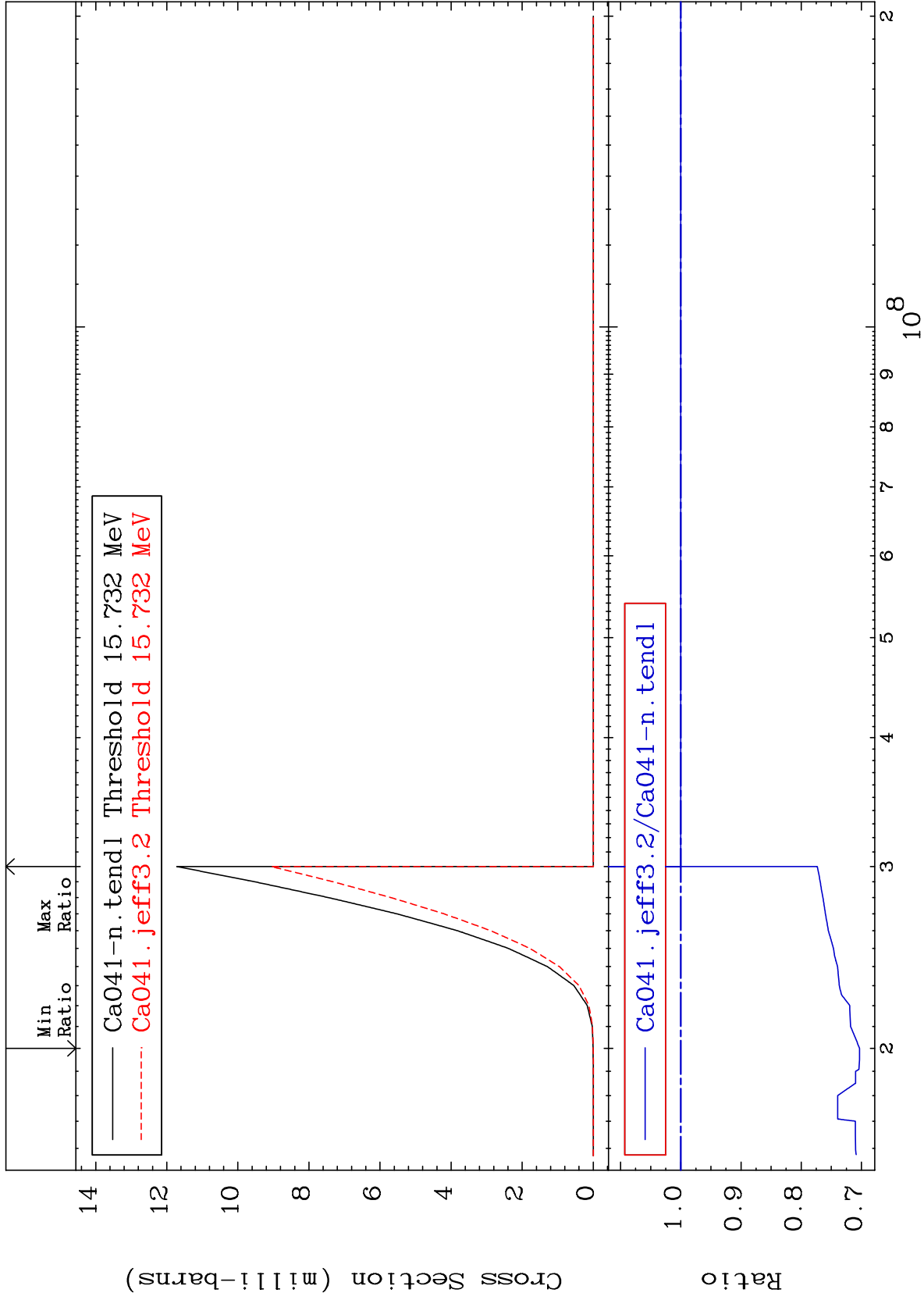




MAT 2028

(n, n') He-3
Cross Section

20-Ca-41
-29.69 To 0.000 %



14

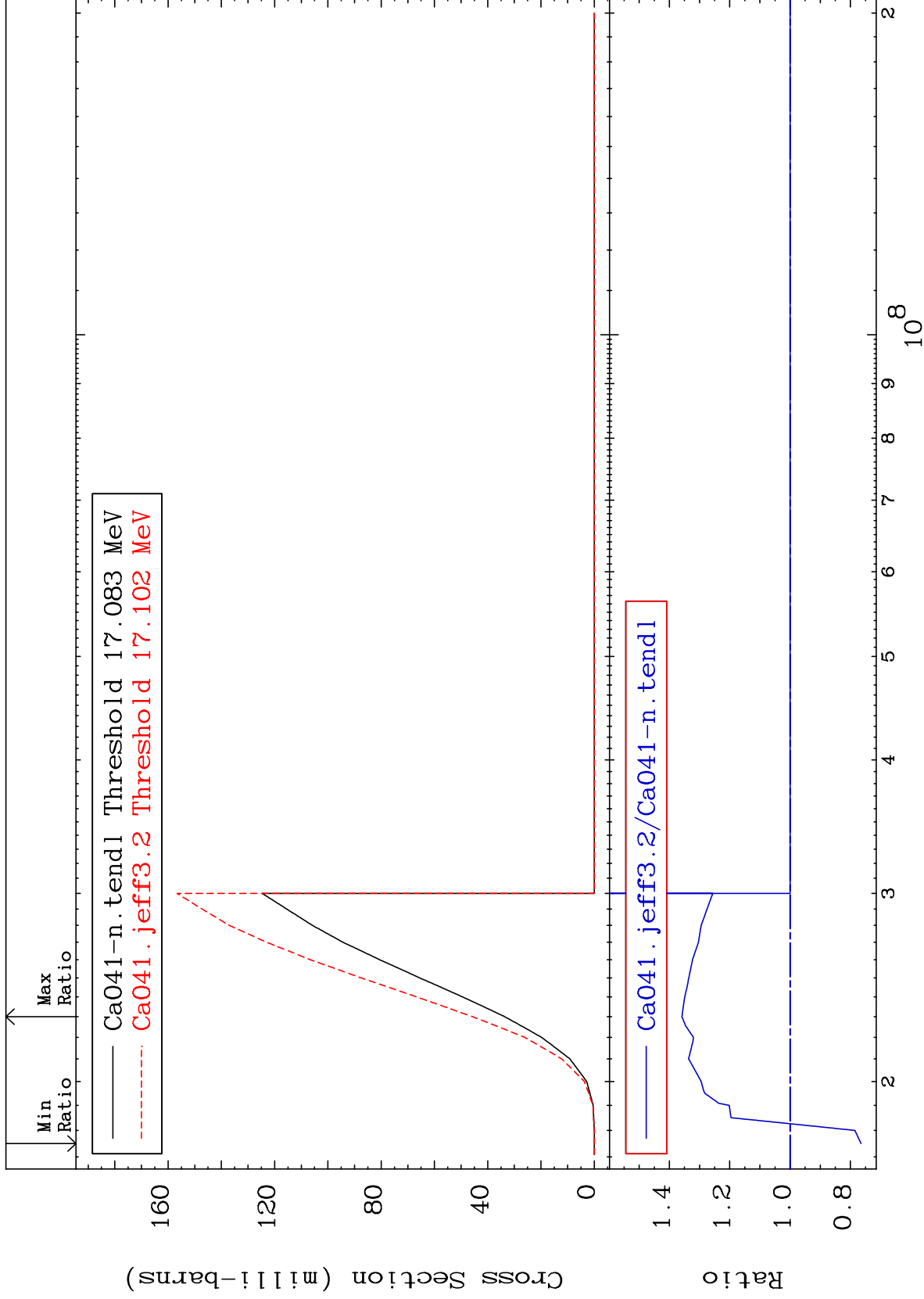
Incident Energy (eV)

20-Ca-41

MAT 2028

(n,2n) p
Cross Section

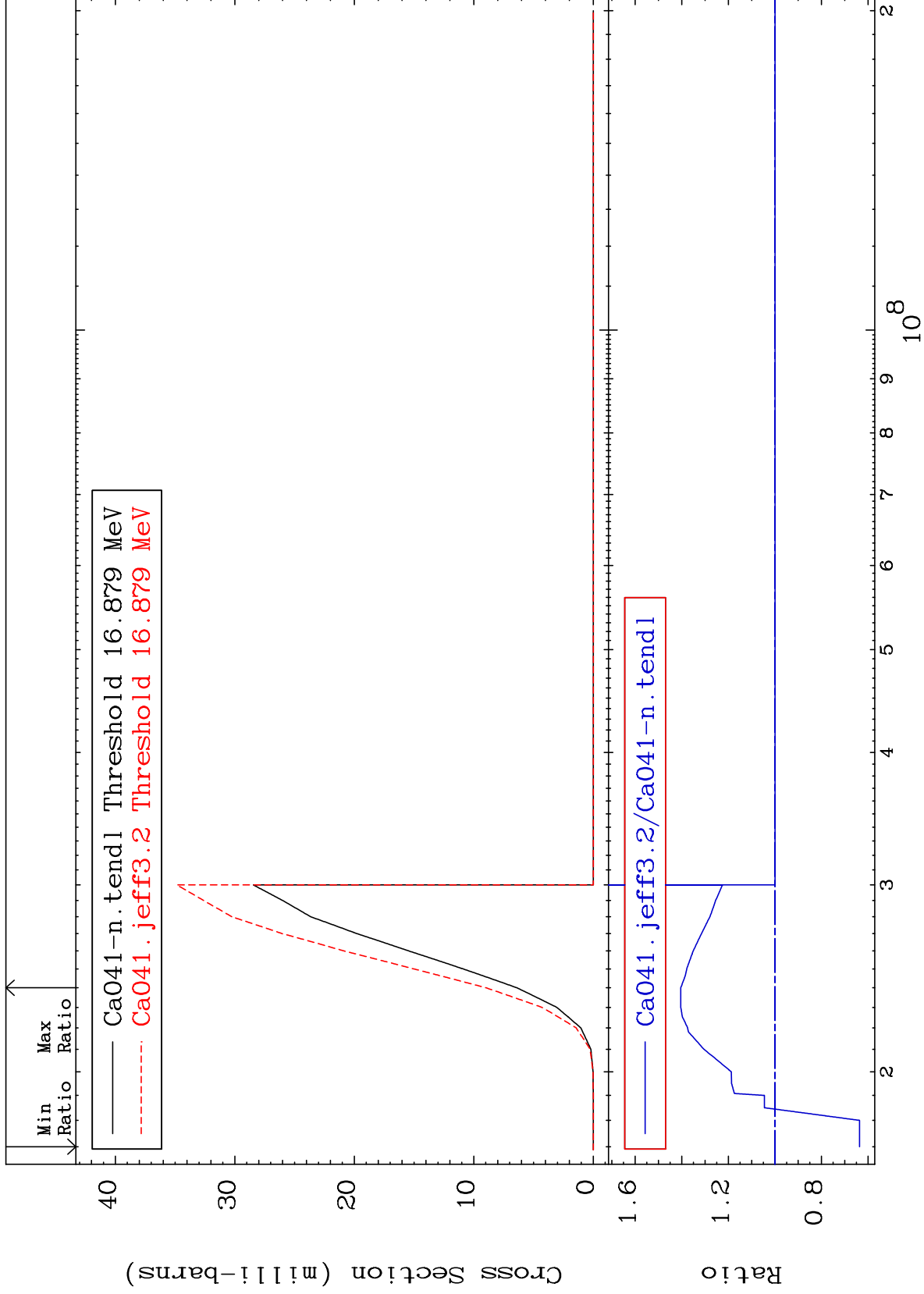
20-Ca-41
-23.50 To 35.84 %

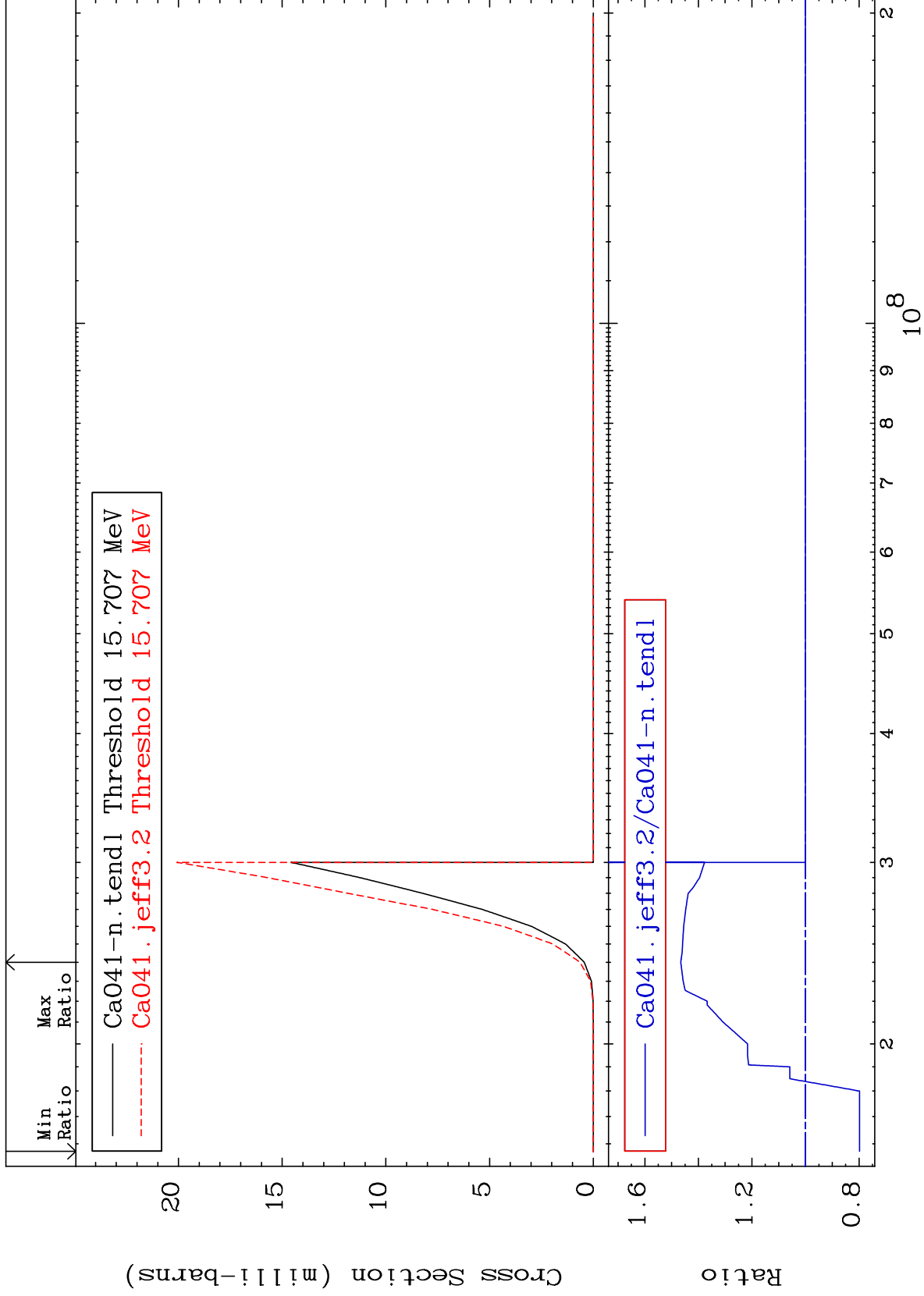


15

Incident Energy (eV)

20-Ca-41



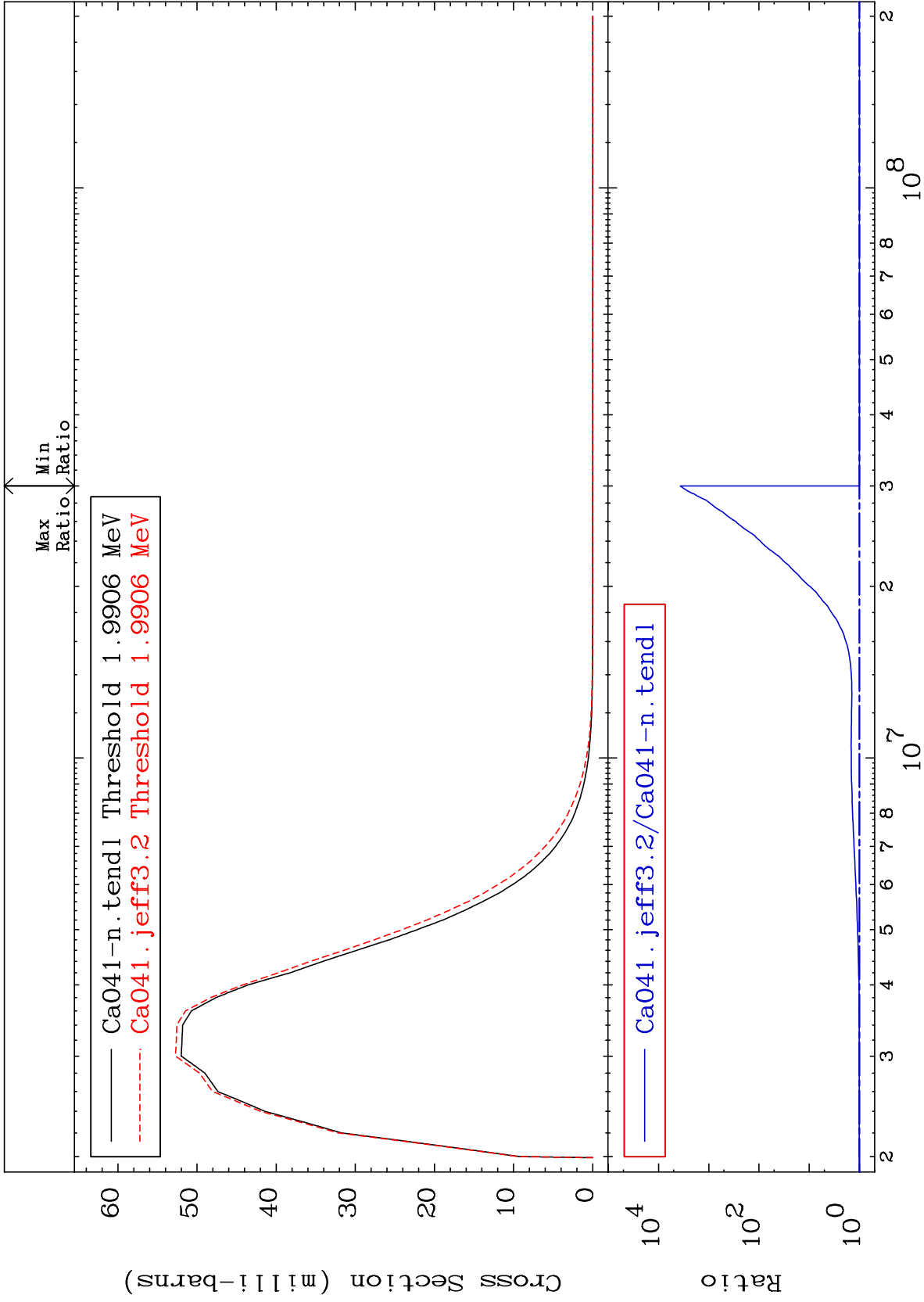


MAT 2028

1.943 MeV (n,n') Level

20-Ca-41

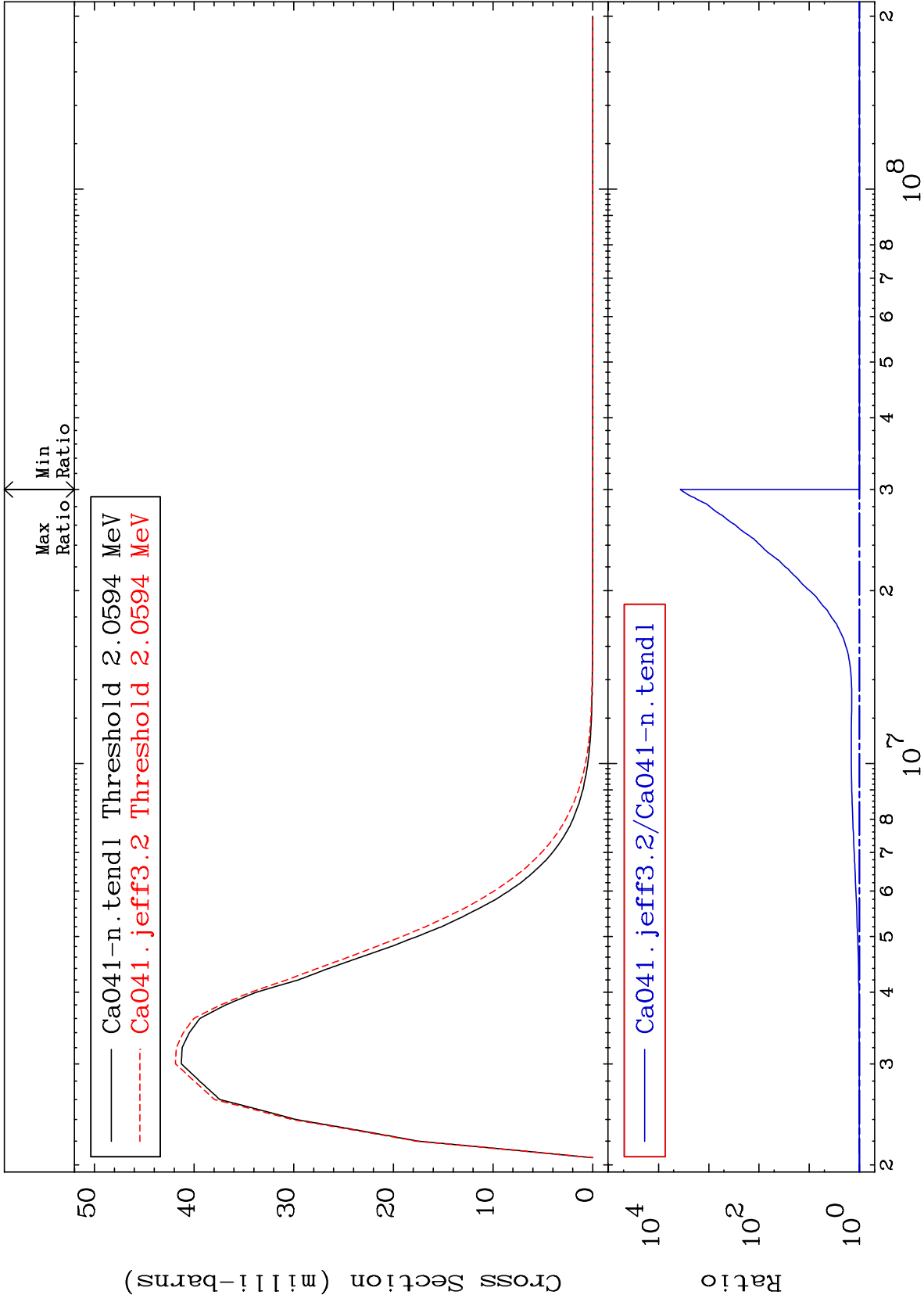
0.000 To 9999. %



18

Incident Energy (eV)

20-Ca-41

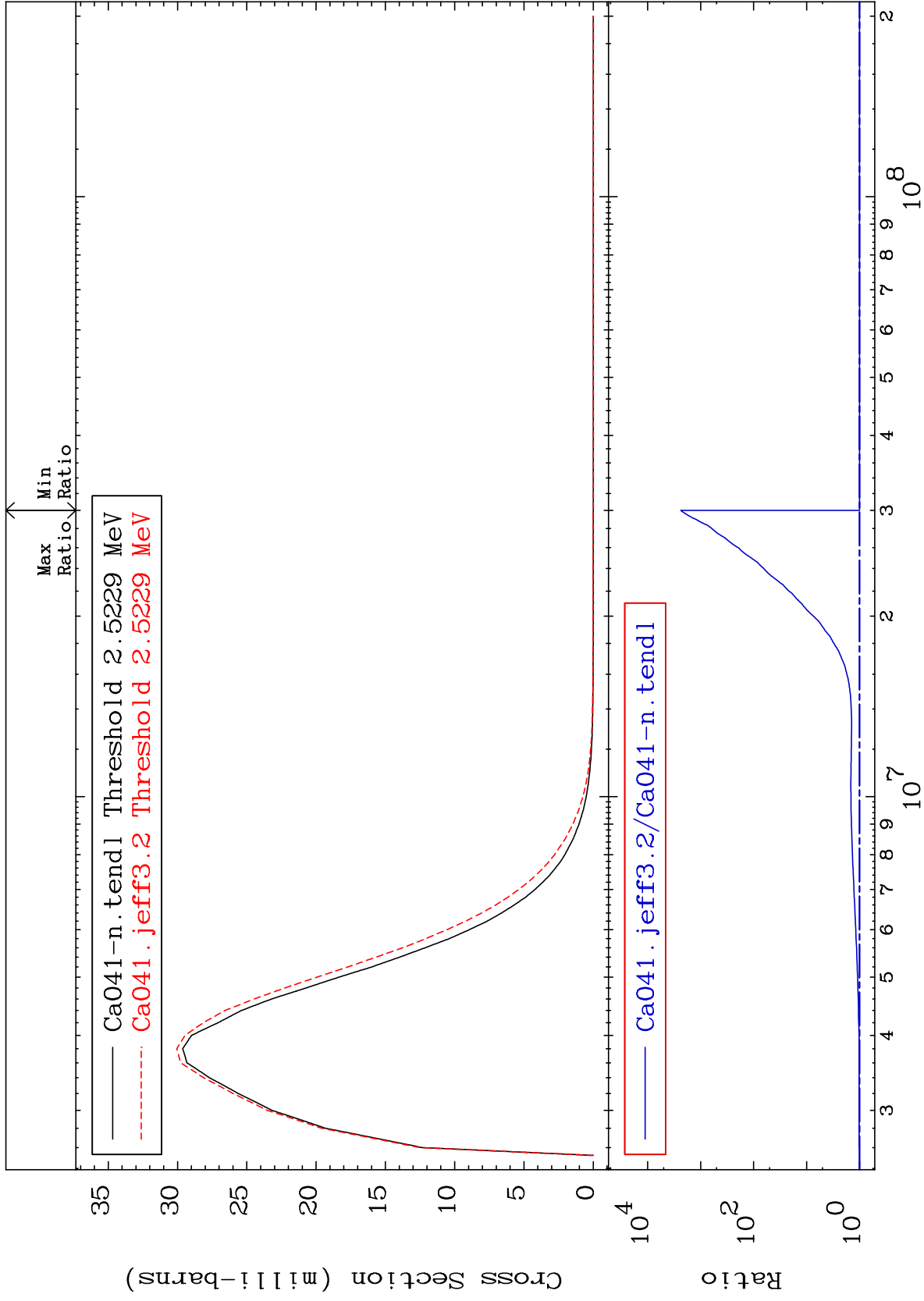


MAT 2028

2.462 MeV (n,n') Level

20-Ca-41

Cross Section To 9999. %



20

Incident Energy (eV)

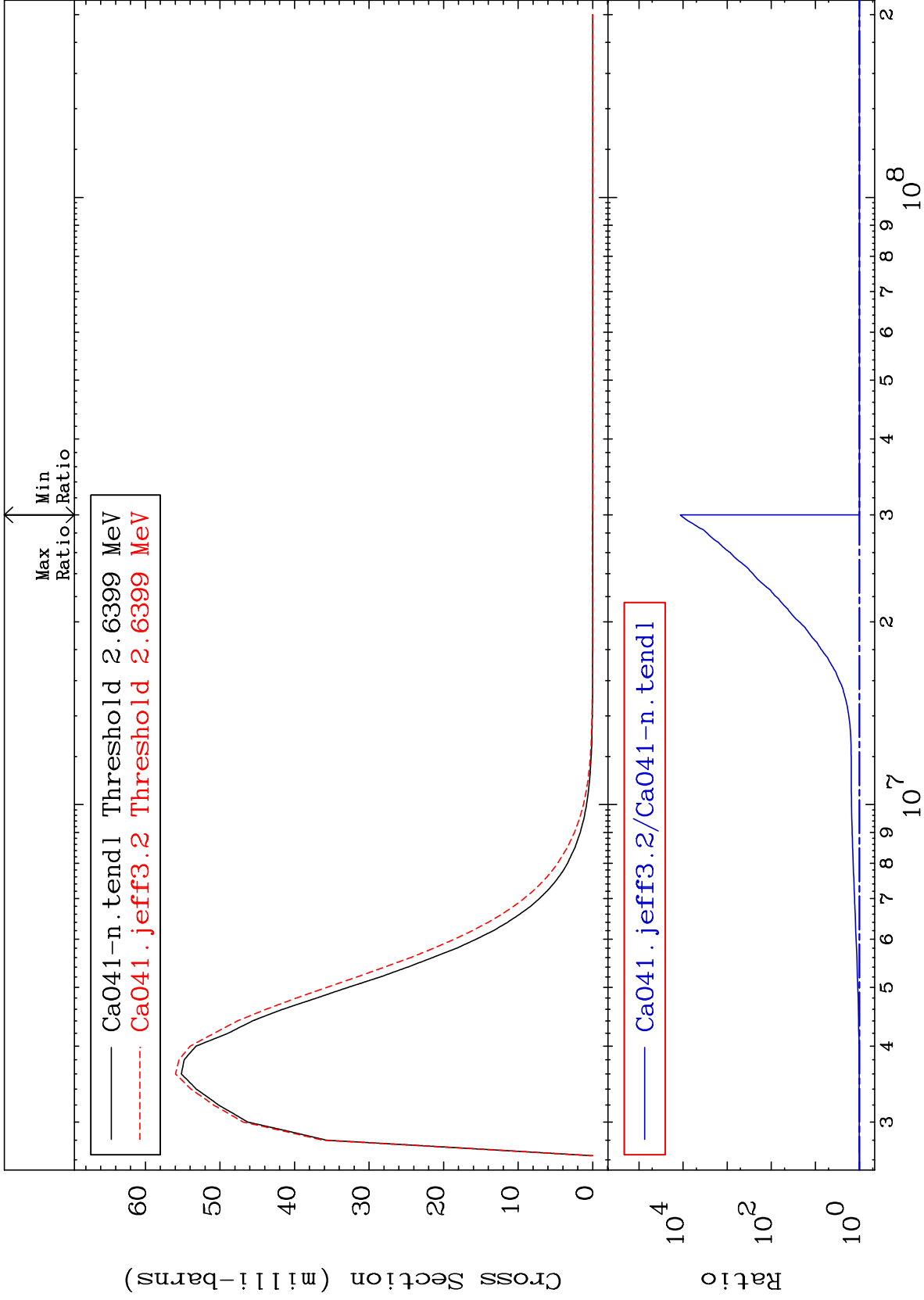
20-Ca-41

MAT 2028

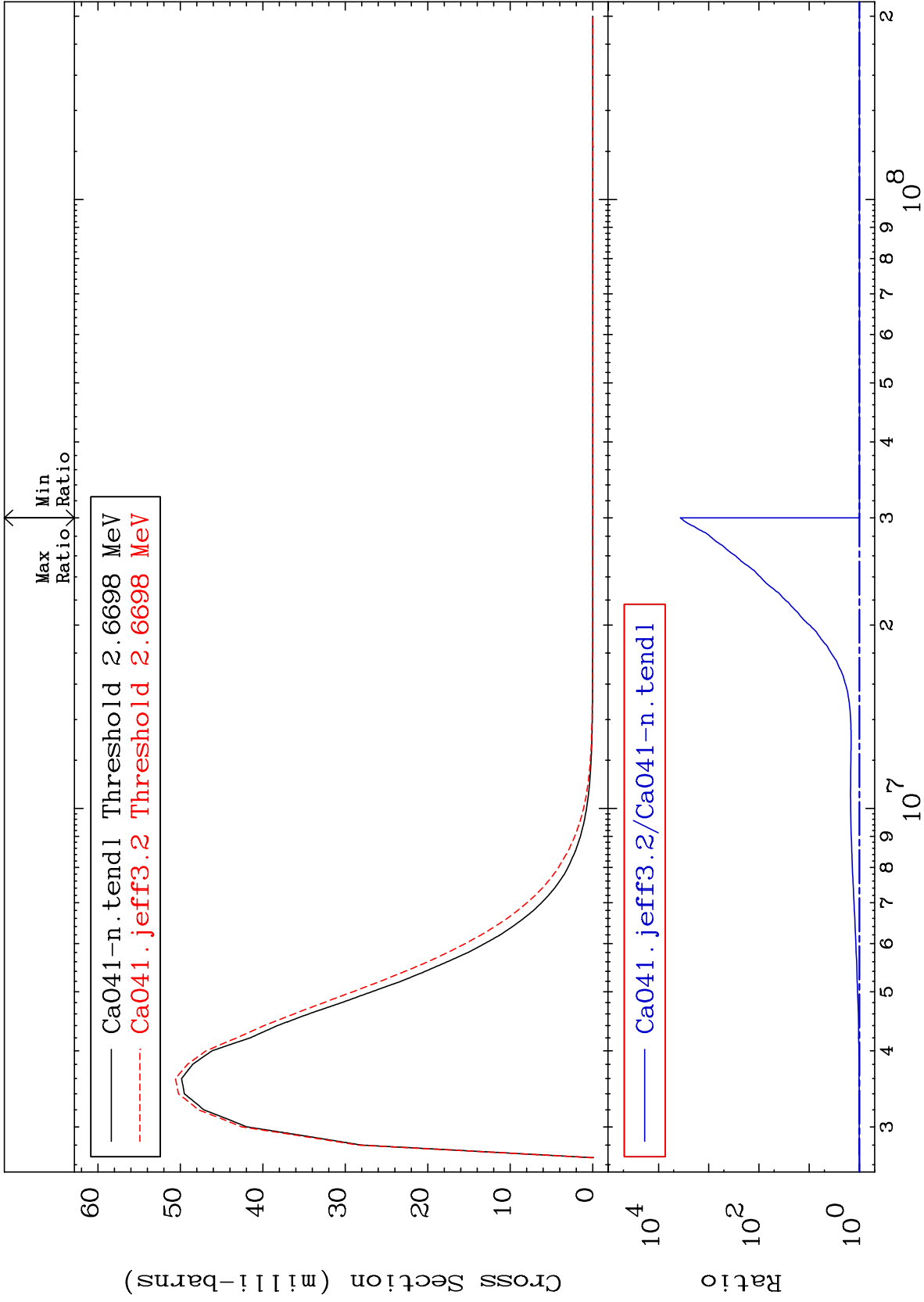
2.577 MeV (n,n') Level

20-Ca-41

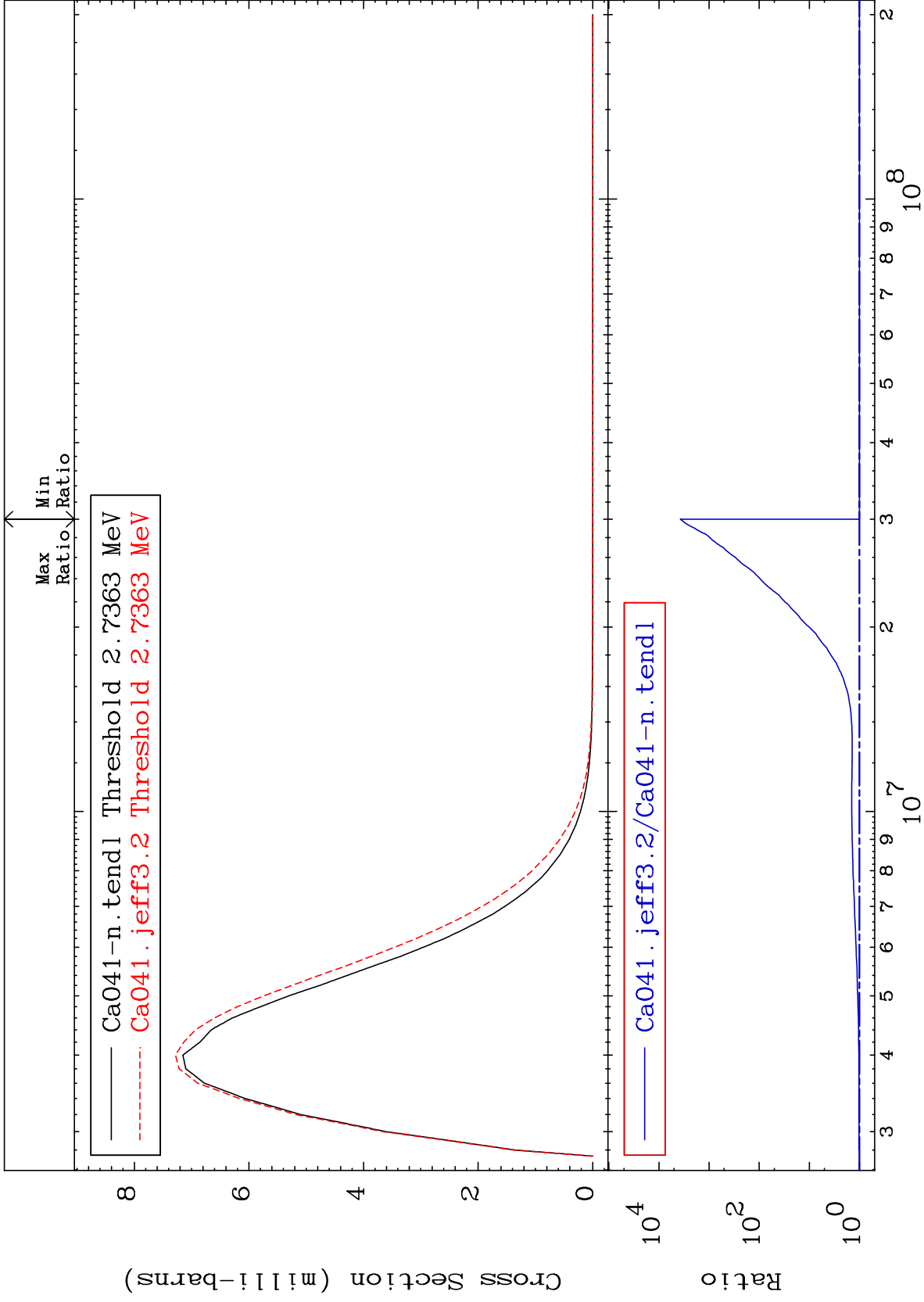
0.000 To 9999. %



Cross Section To 9999. %



0.000 To 9999. %

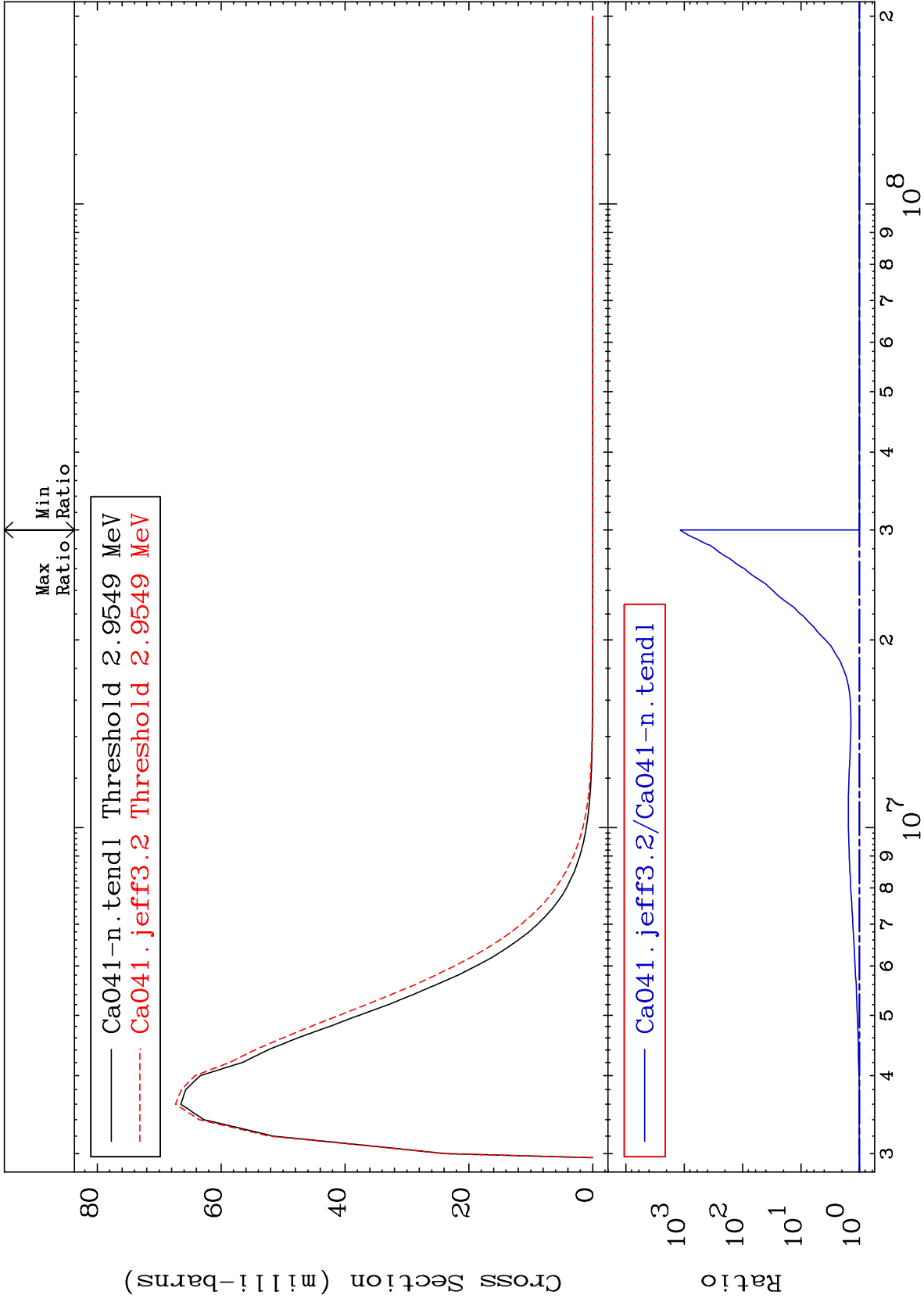


MAT 2028

2.884 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %



24

Incident Energy (eV)

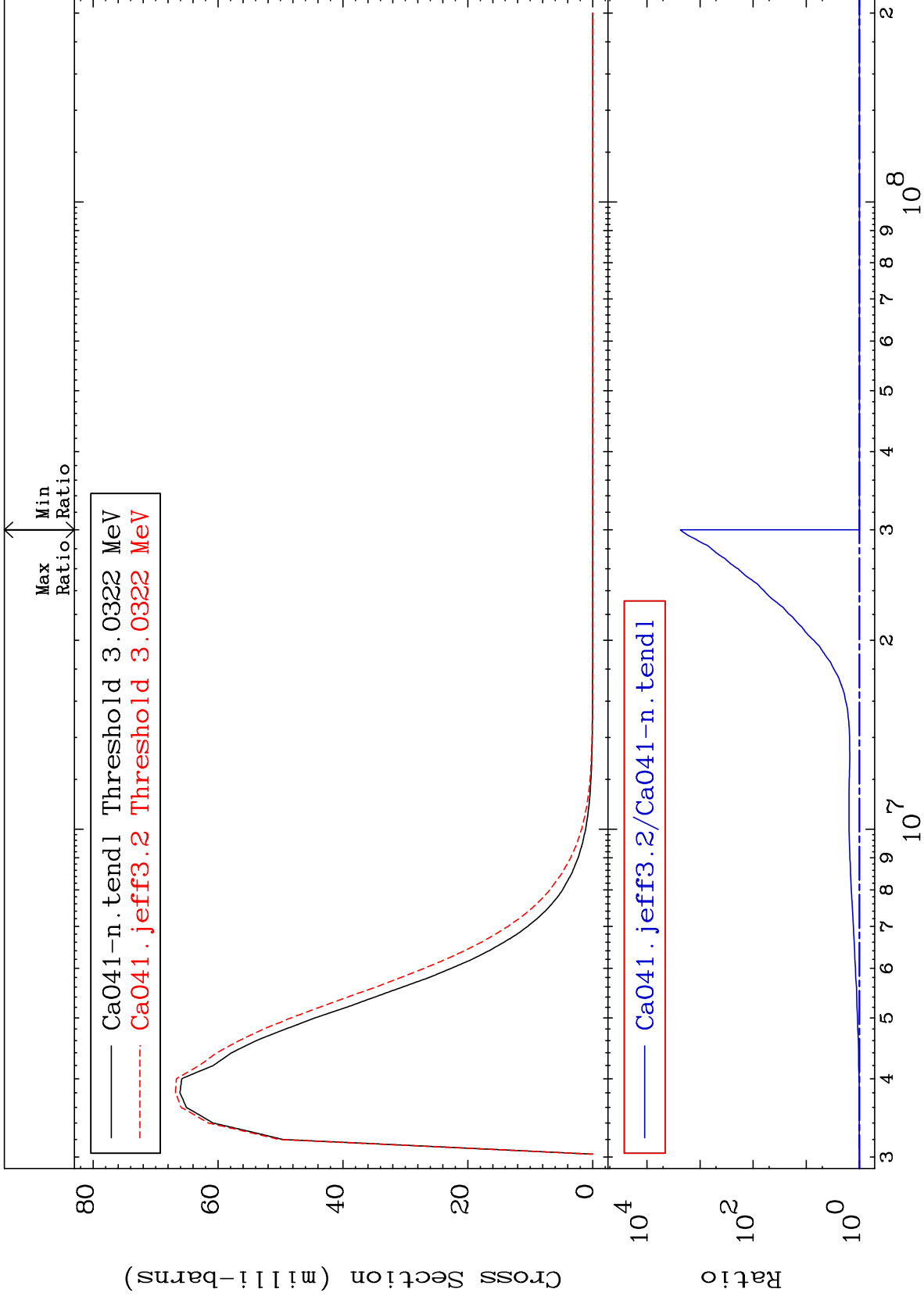
20-Ca-41

MAT 2028

2.959 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %

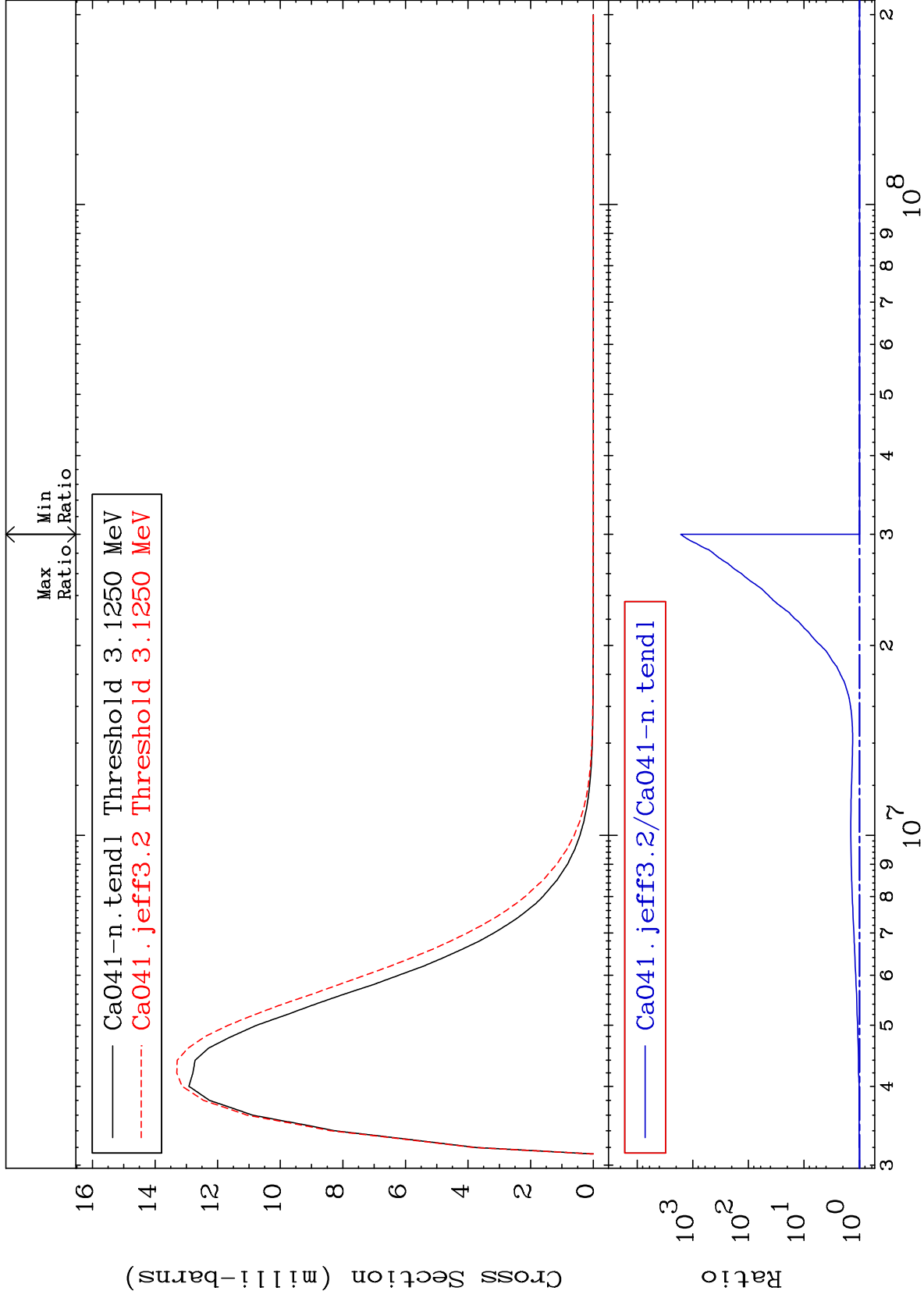


25

Incident Energy (eV)

20-Ca-41

0.000 To 9999. %

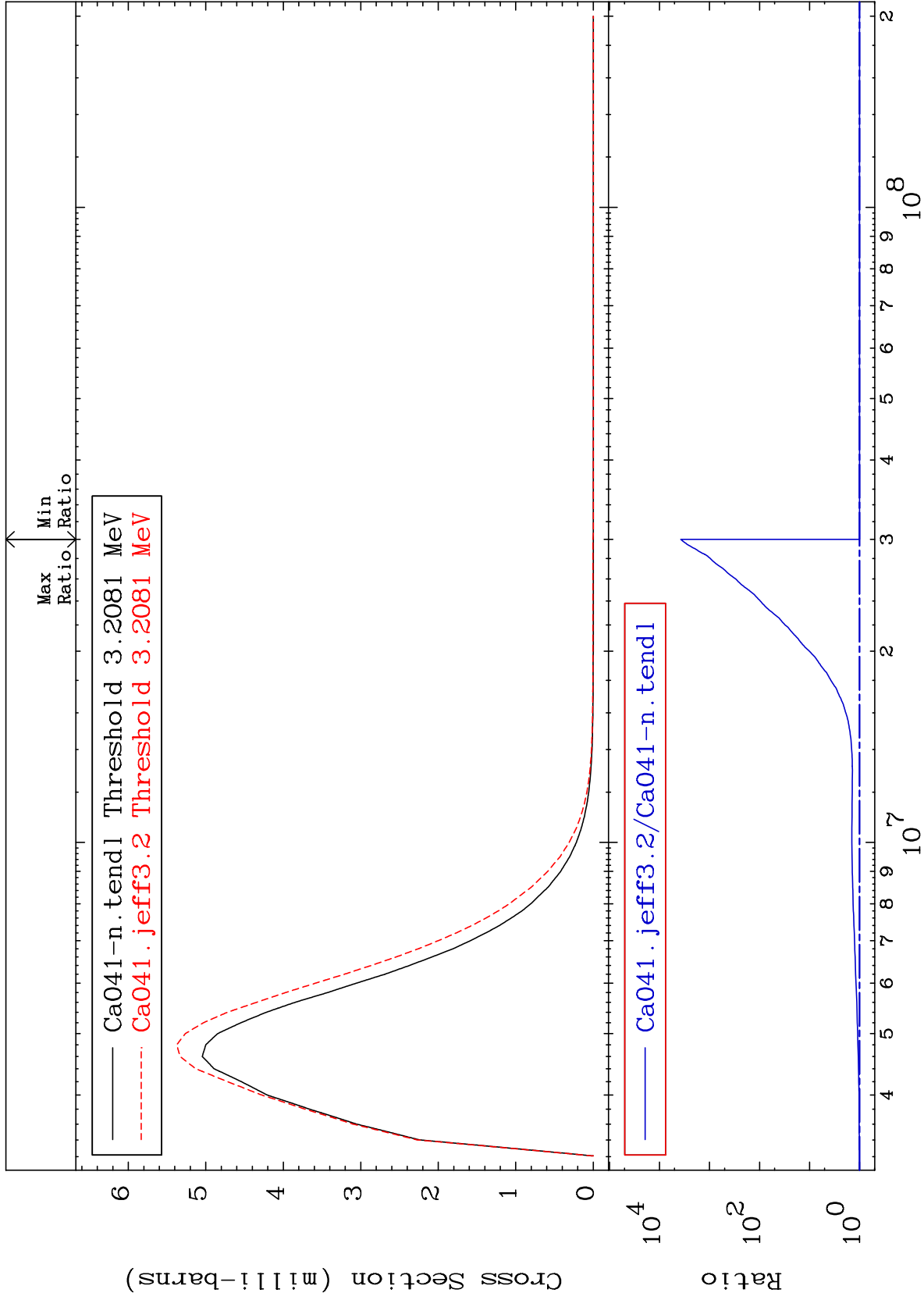


MAT 2028

3.131 MeV (n,n') Level

20-Ca-41

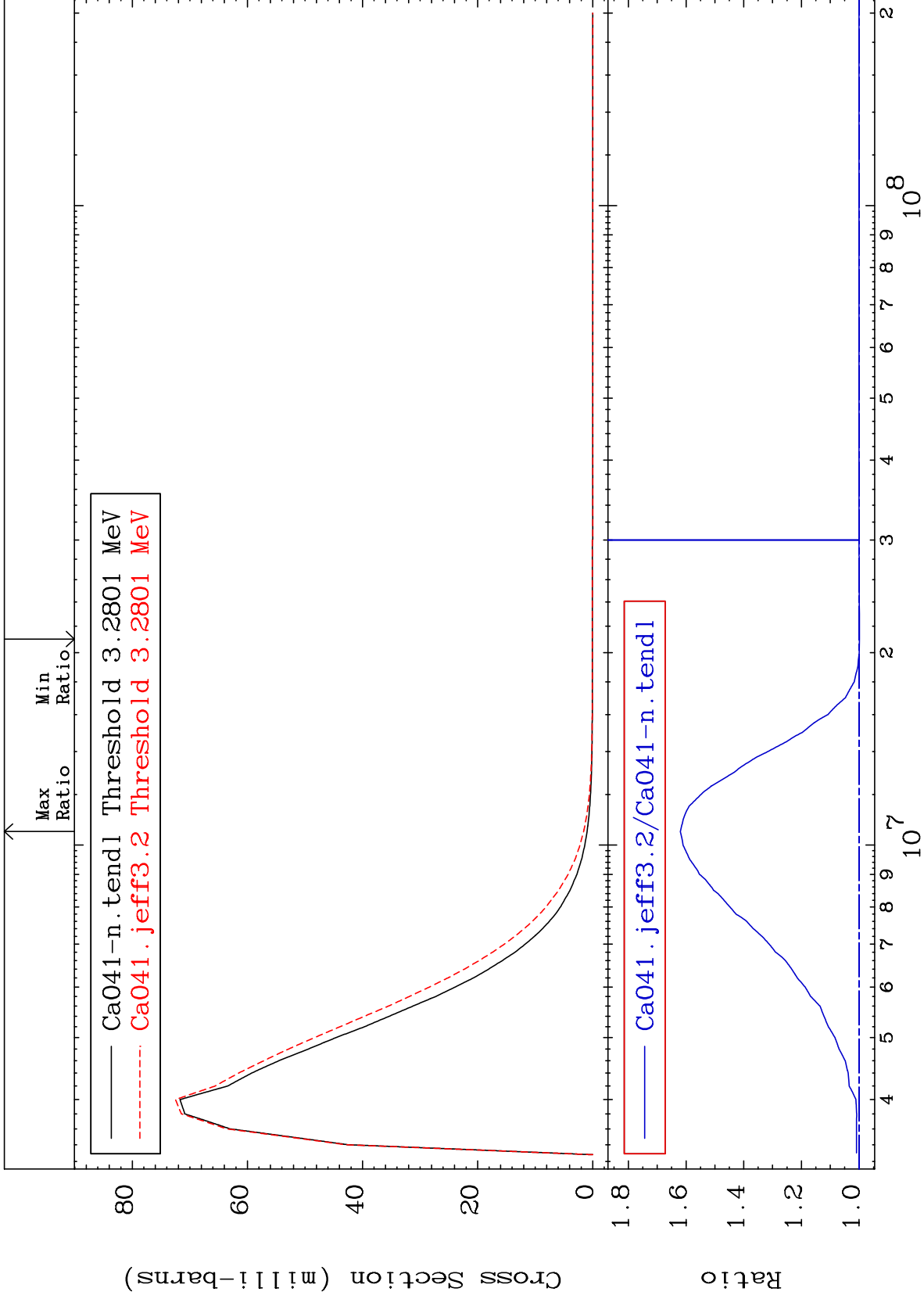
0.000 To 9999. %

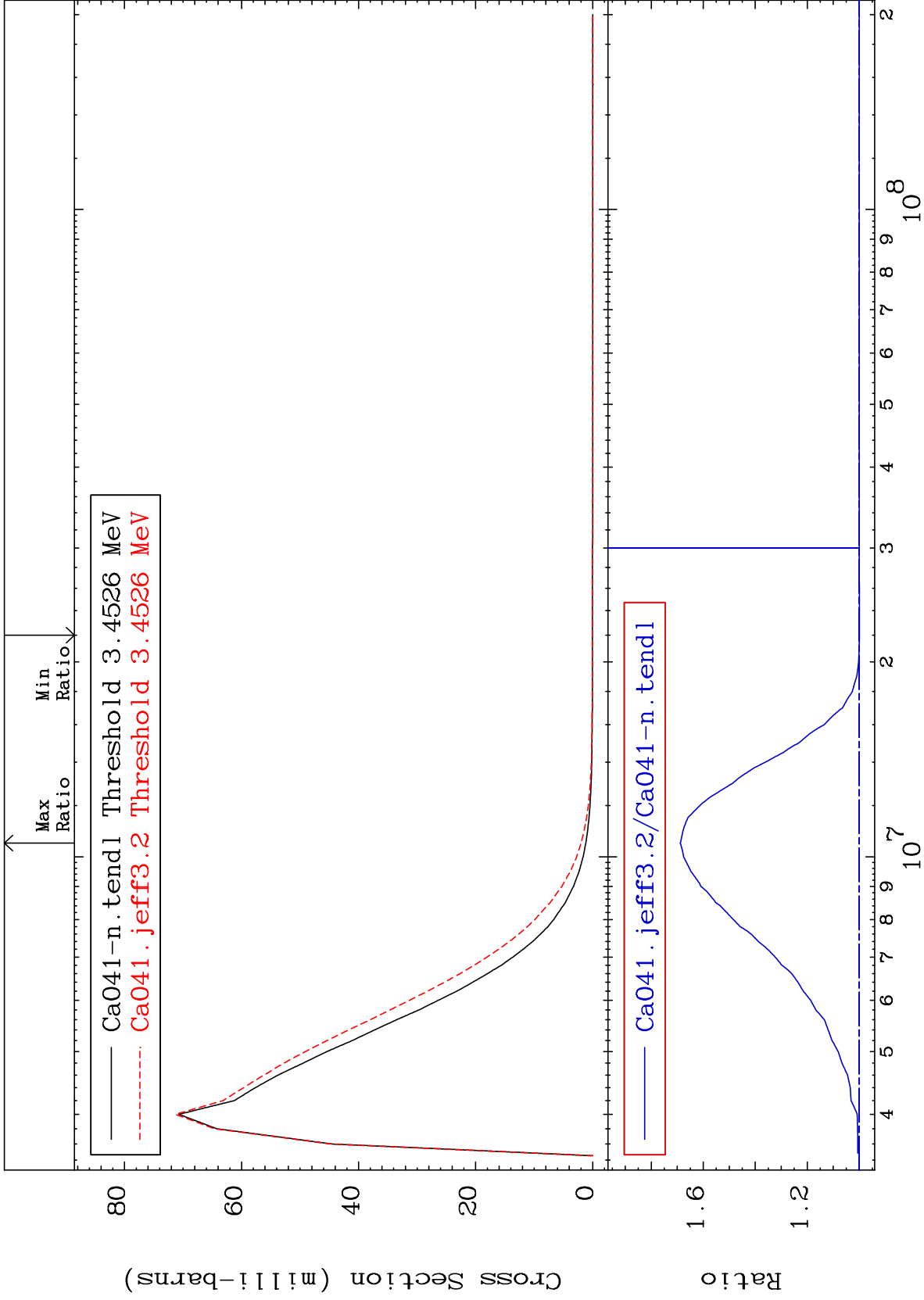


27

Incident Energy (eV)

20-Ca-41



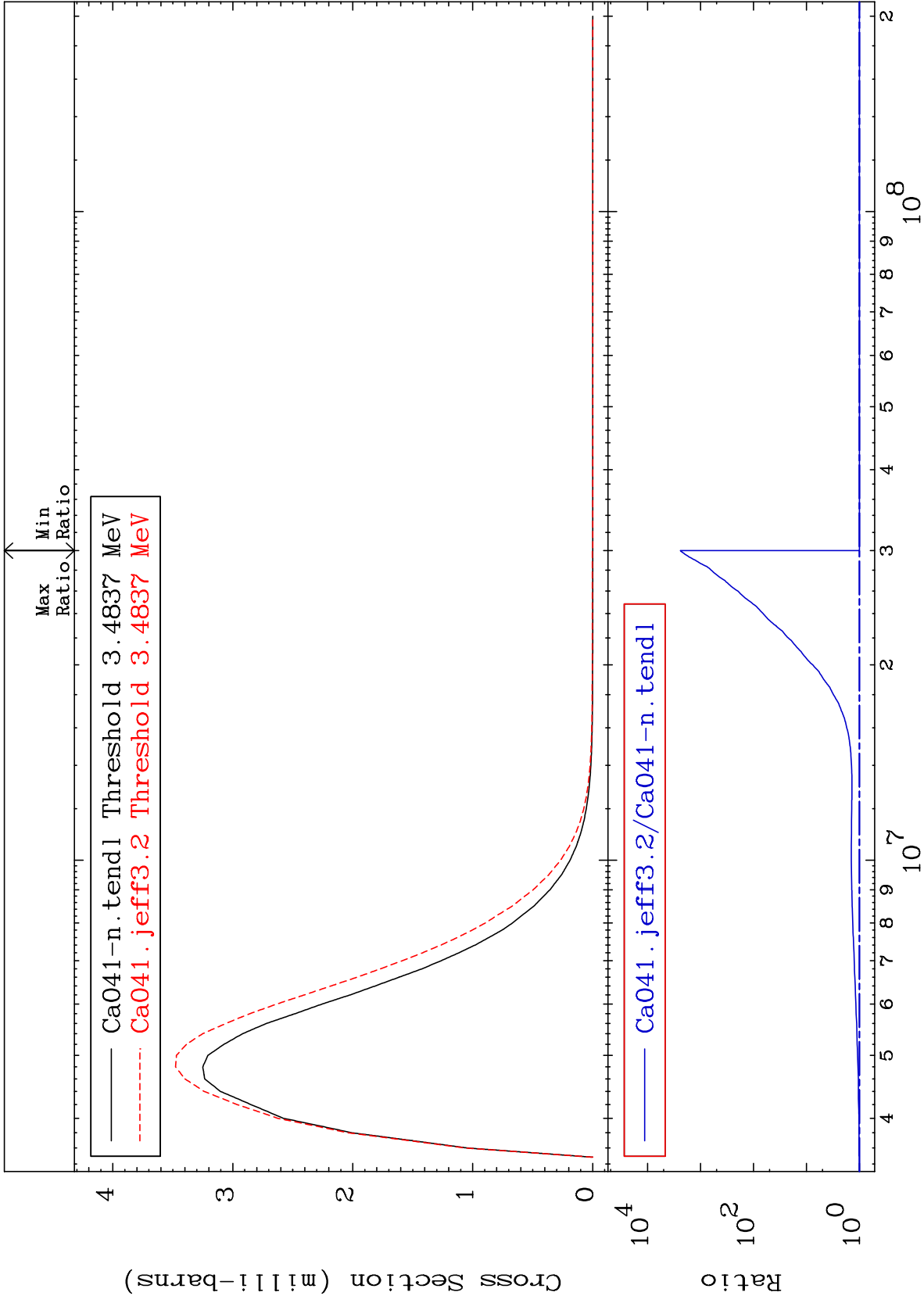


MAT 2028

3.400 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %



30

20-Ca-41

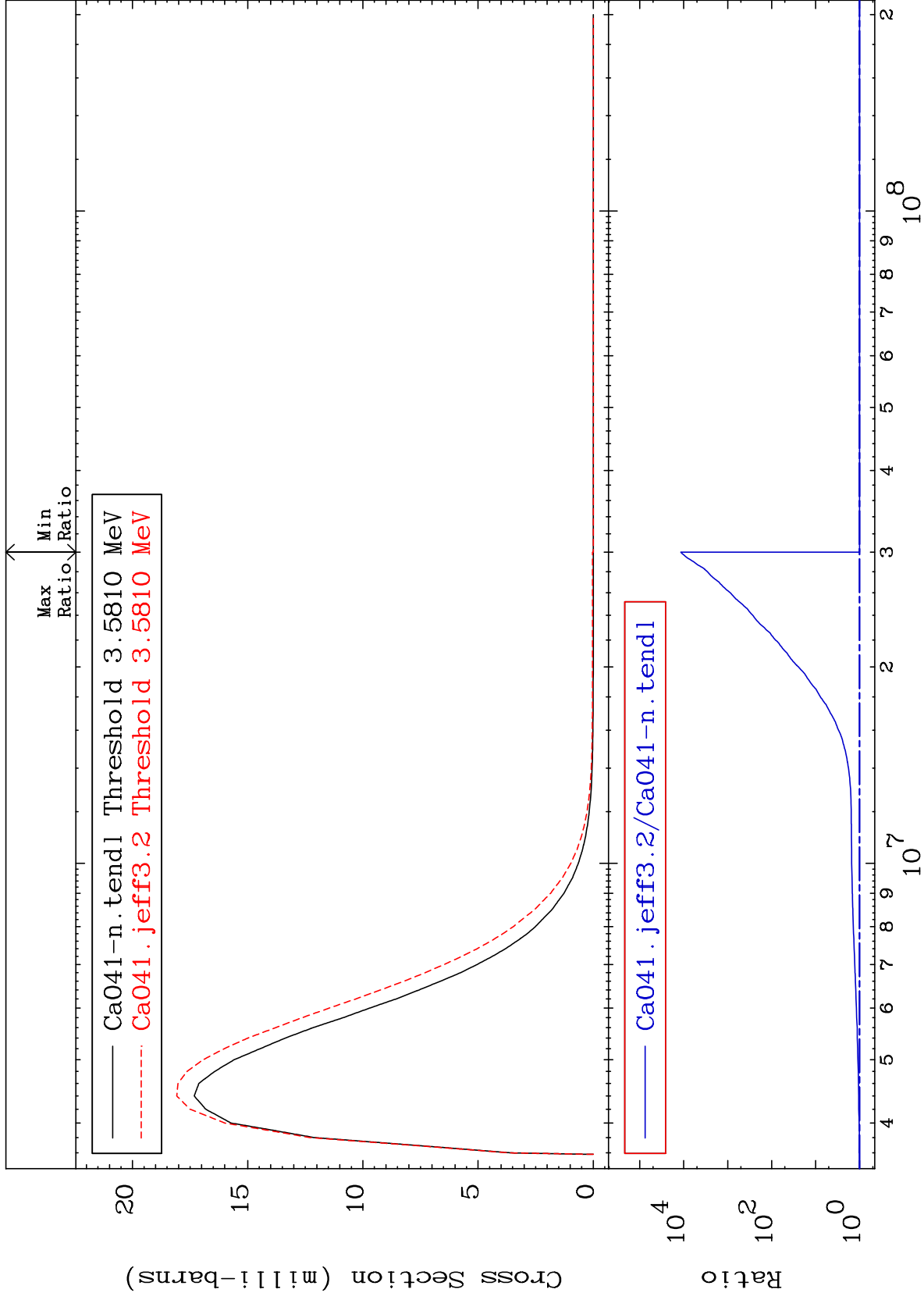
20-Ca-41

MAT 2028

3.495 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %



31

20-Ca-41

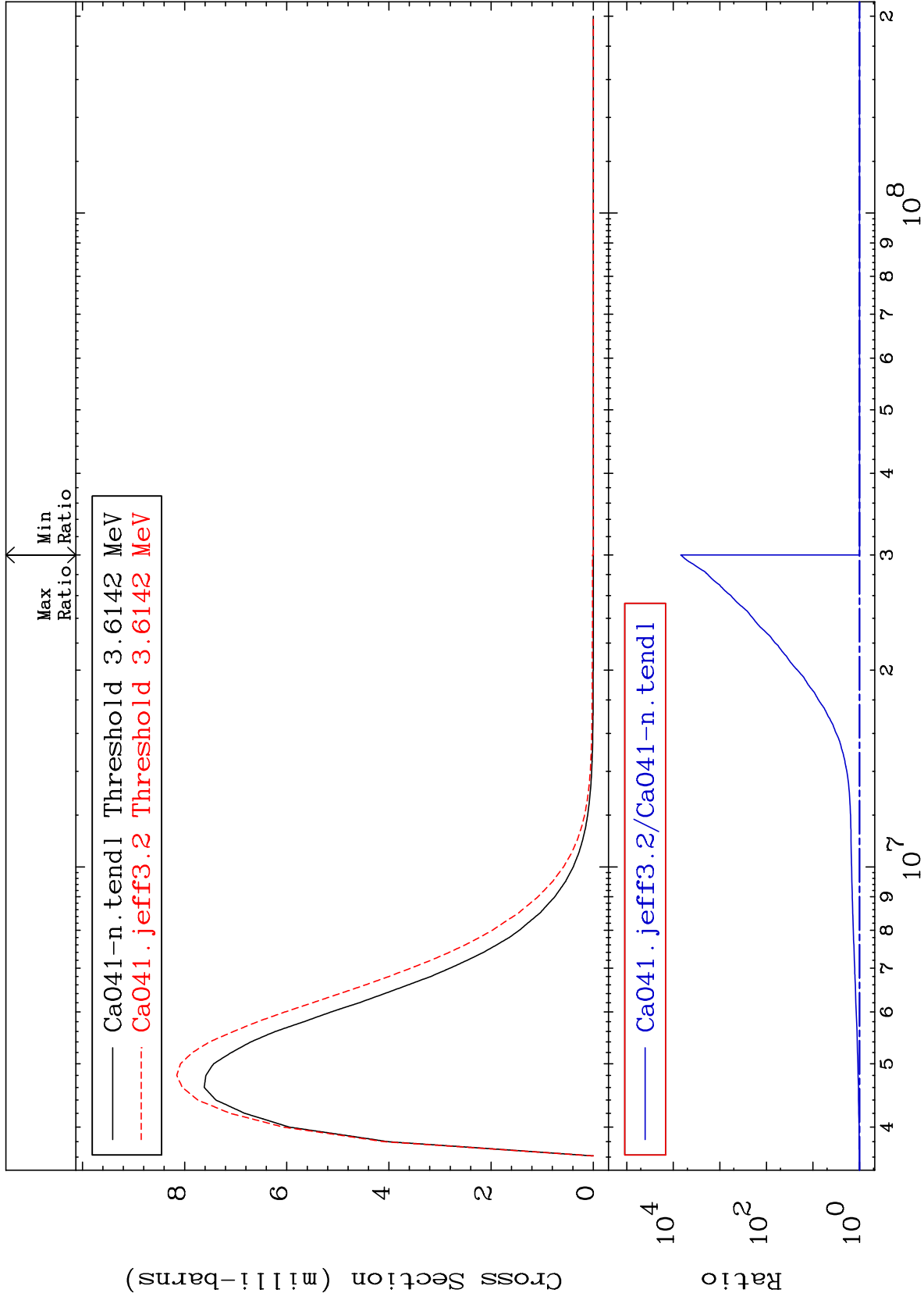
20-Ca-41

MAT 2028

3.527 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %

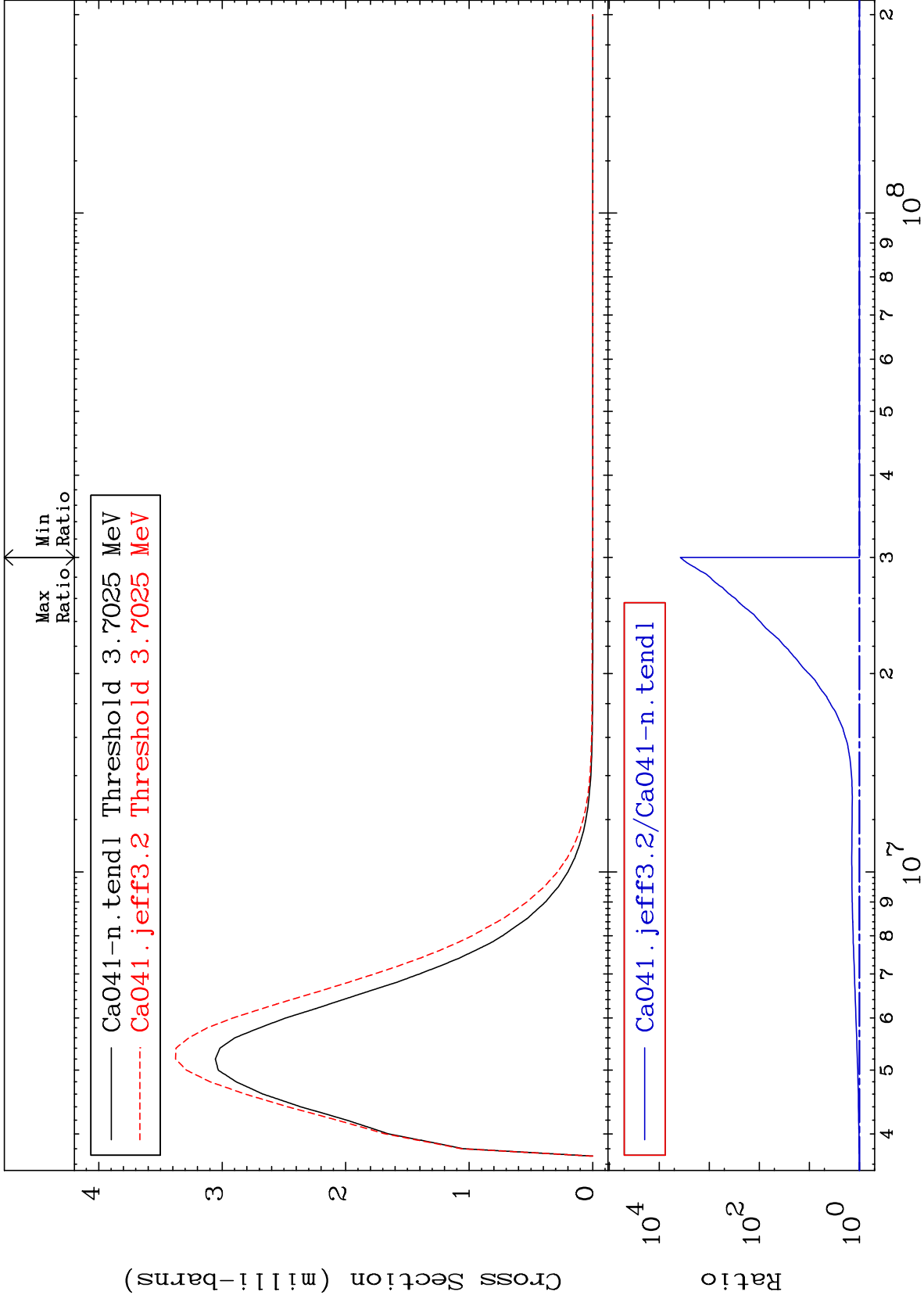


32

Incident Energy (eV)

20-Ca-41

0.000 To 9999. %

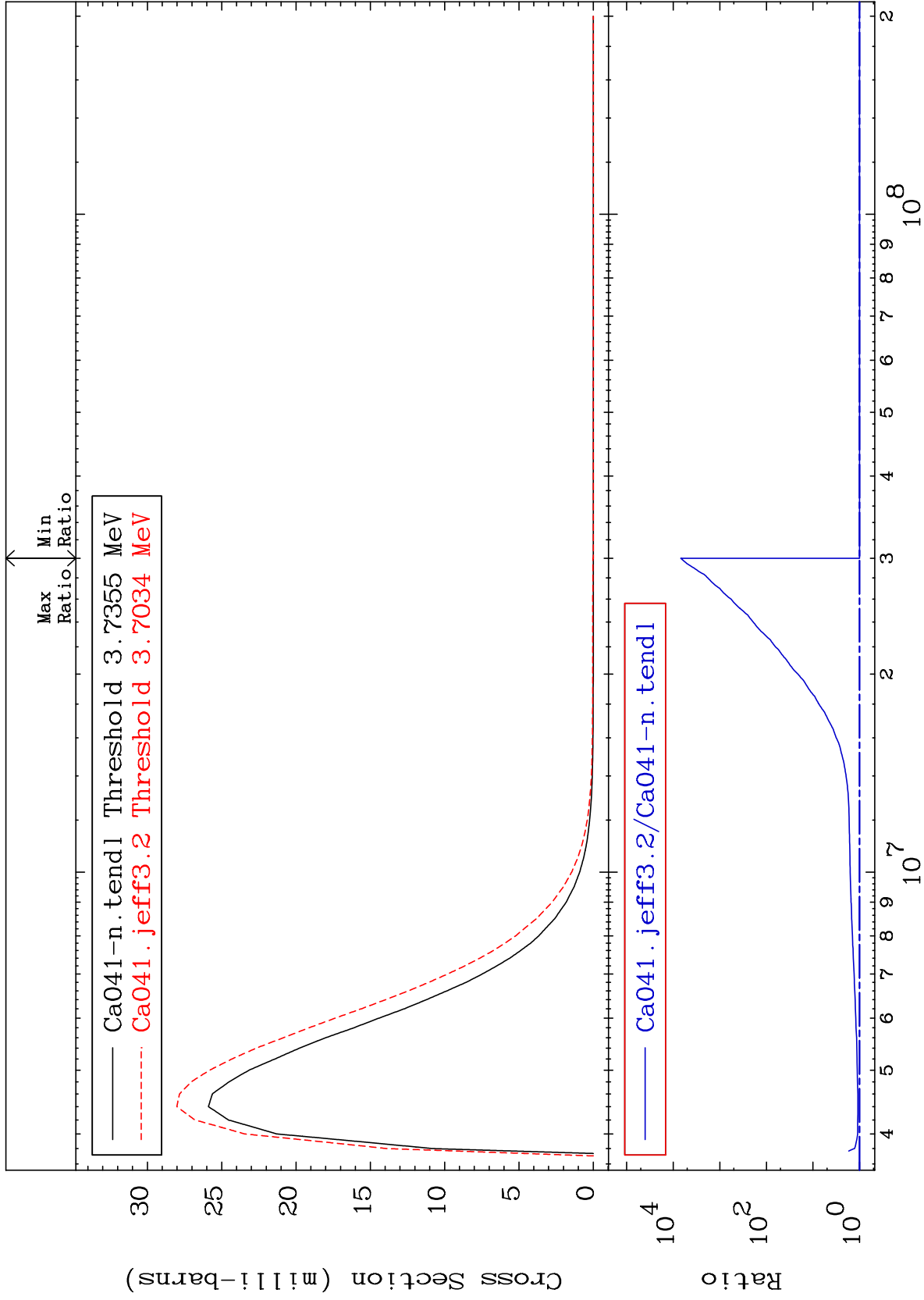


MAT 2028

3.646 MeV (n,n') Level

20-Ca-41

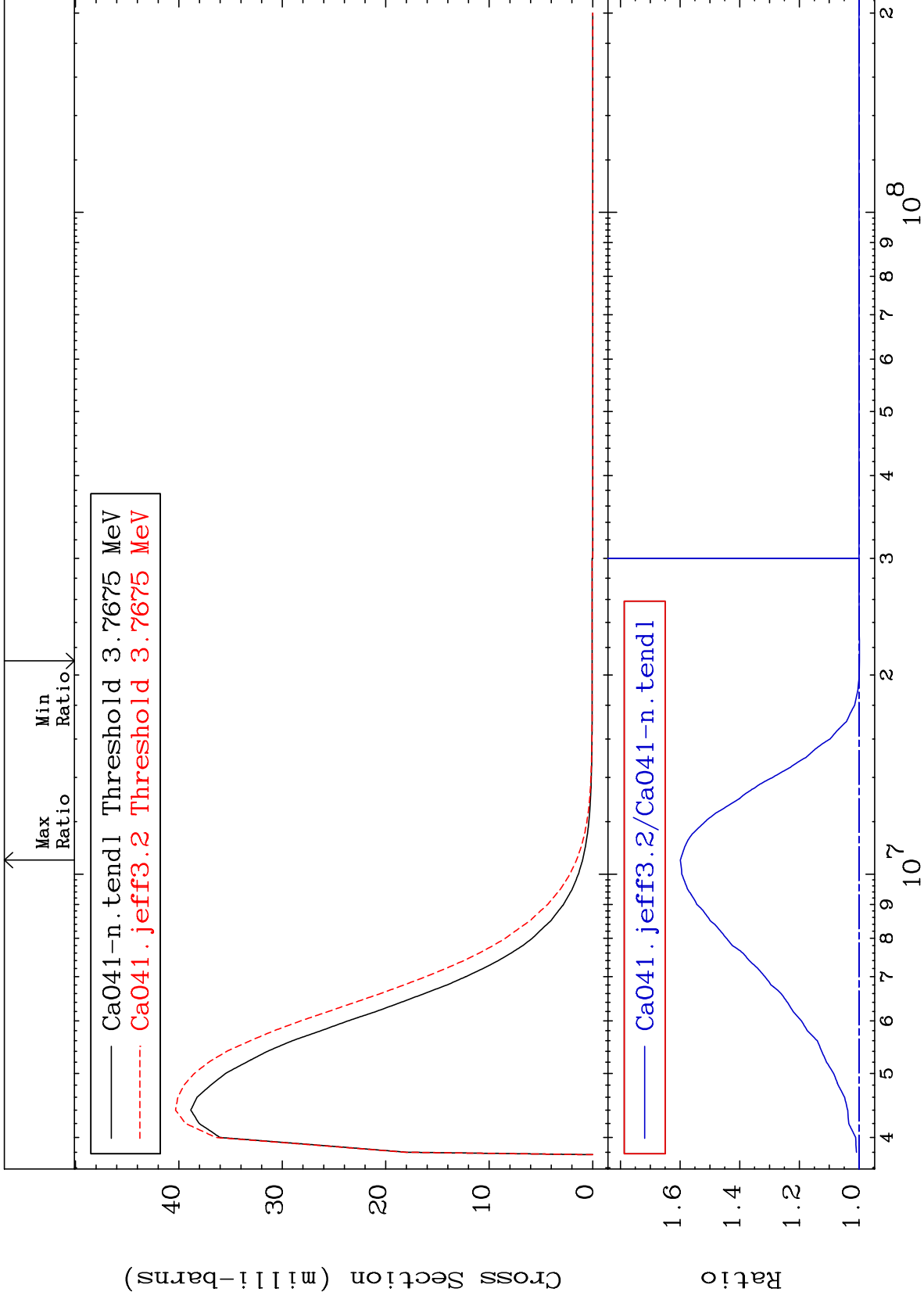
0.000 To 9999. %



MAT 2028

3.677 MeV (n,n') Level
Cross Section

20-Ca-41
-0.135 To 59.90 %



35

Incident Energy (eV)

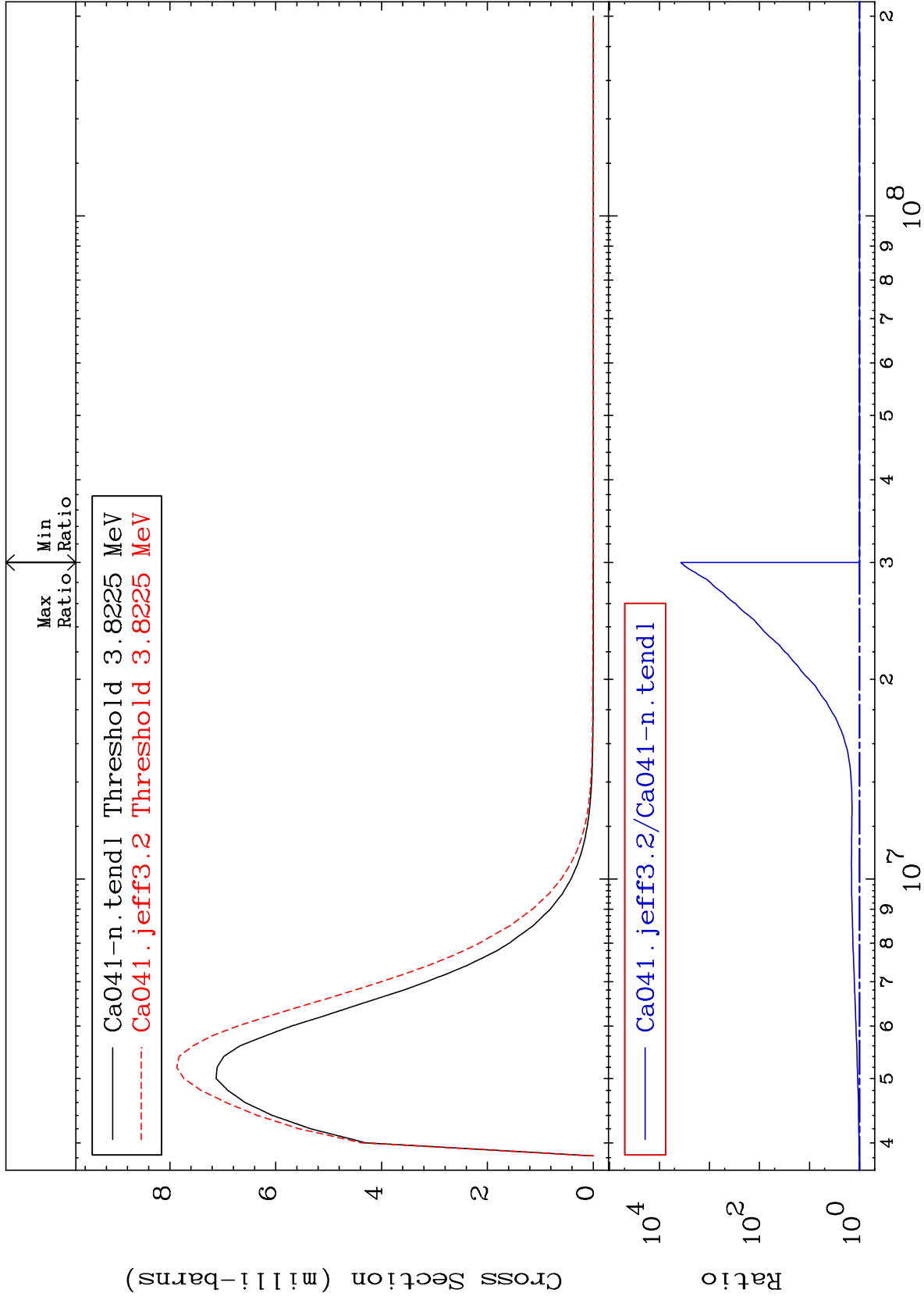
20-Ca-41

MAT 2028

3.731 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %

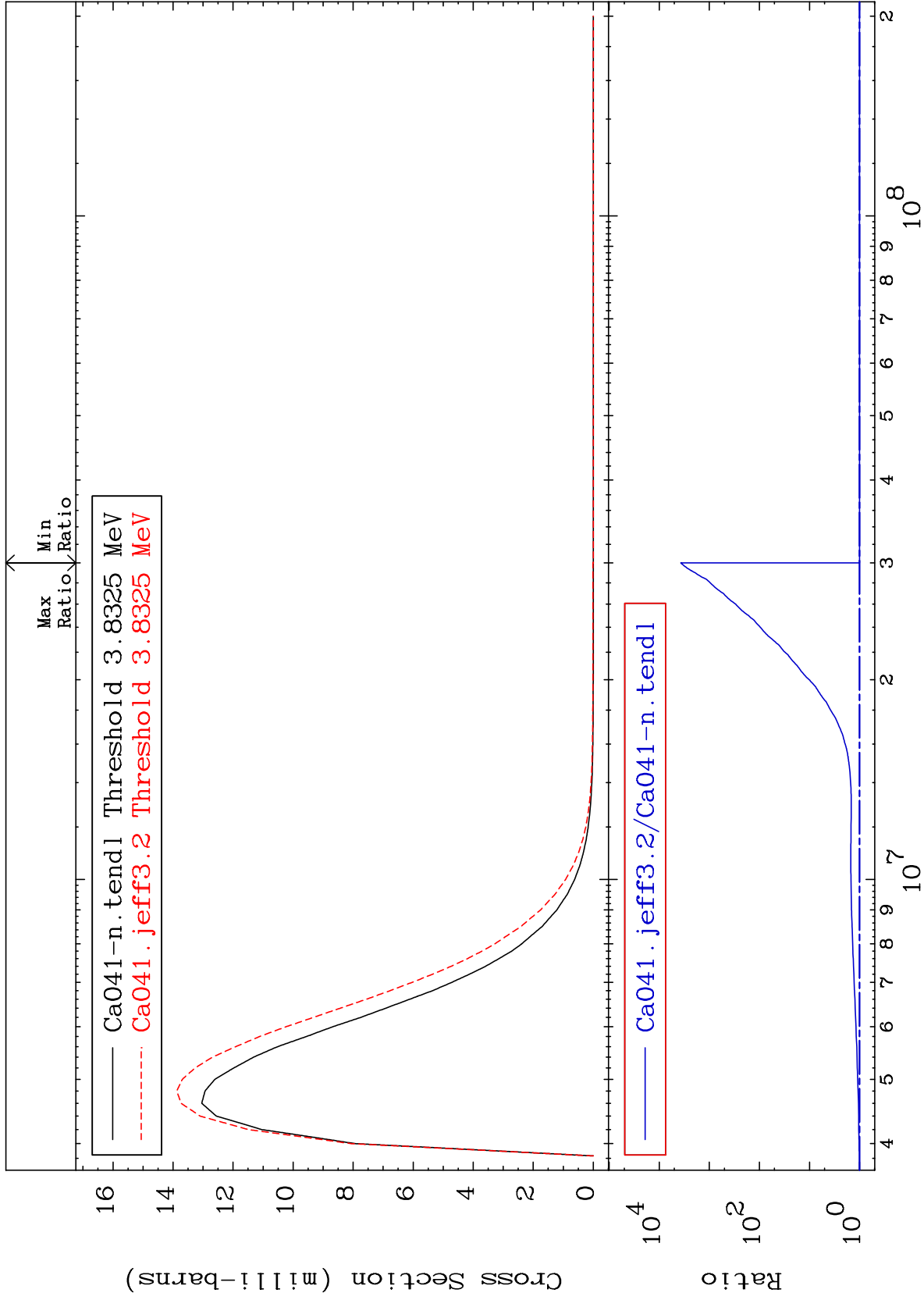


MAT 2028

3.740 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %



37

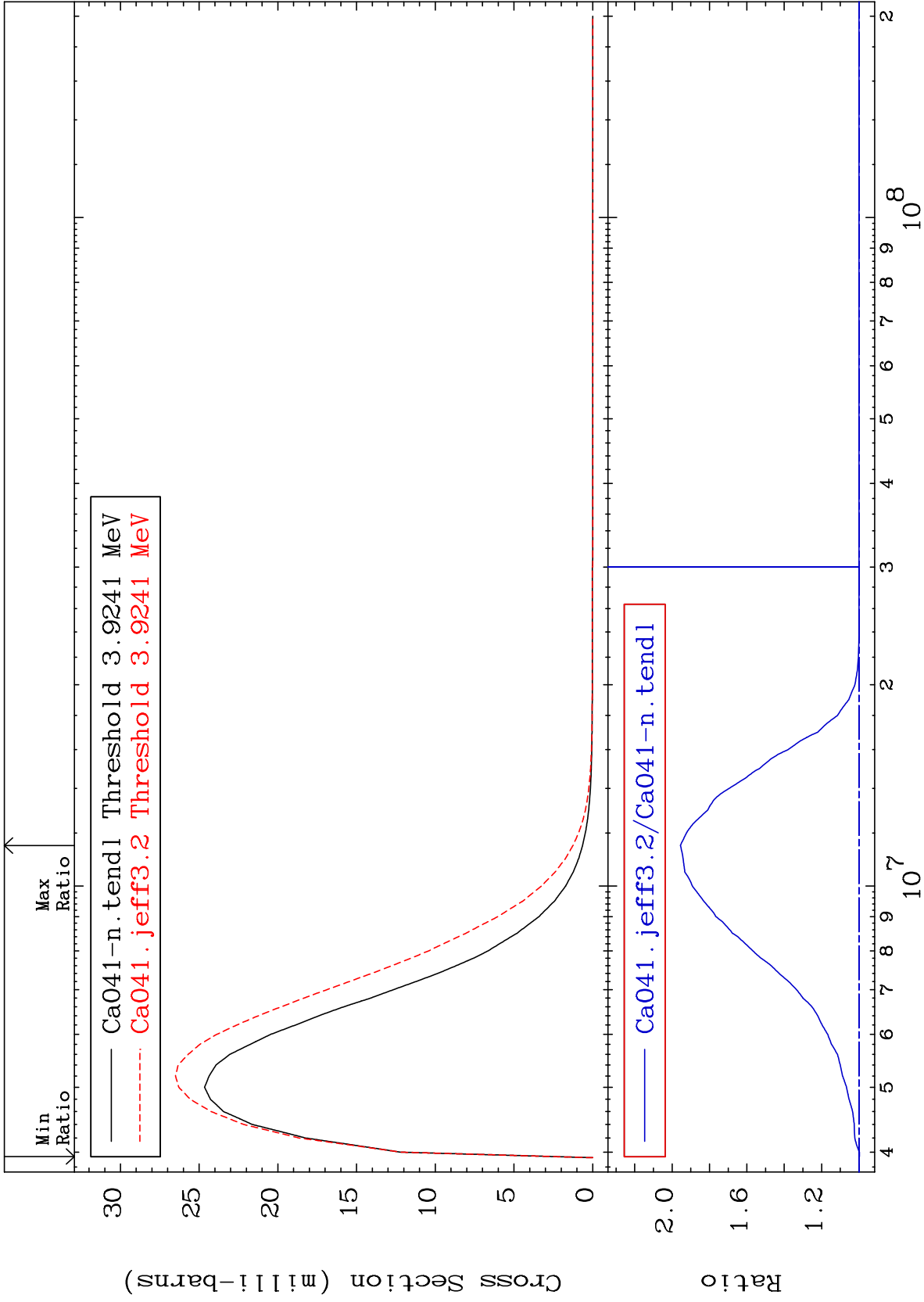
Incident Energy (eV)

20-Ca-41

MAT 2028

3.830 MeV (n,n') Level
Cross Section

20-Ca-41
-0.233 To 95.58 %



38

Incident Energy (eV)

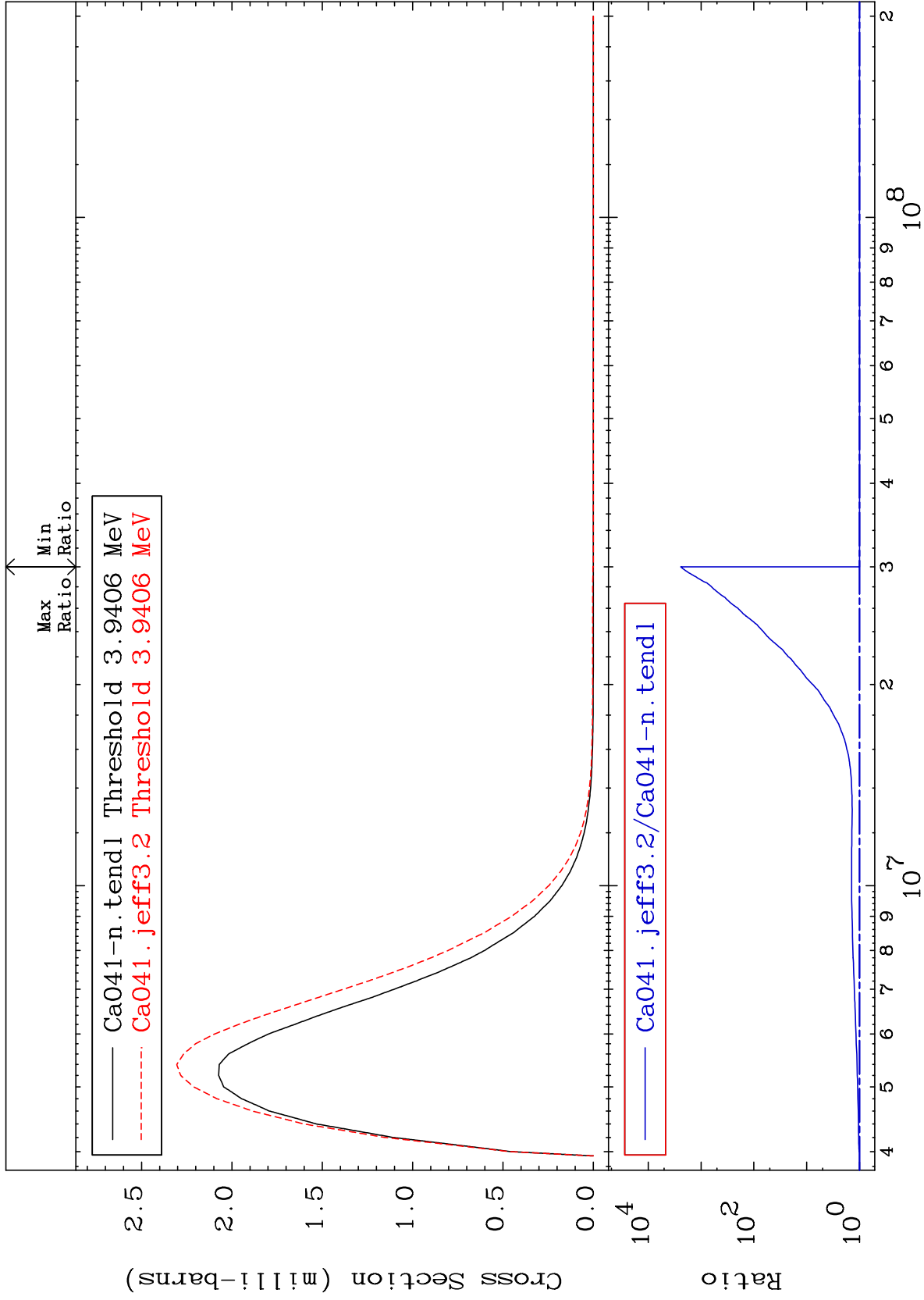
20-Ca-41

MAT 2028

3.846 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %



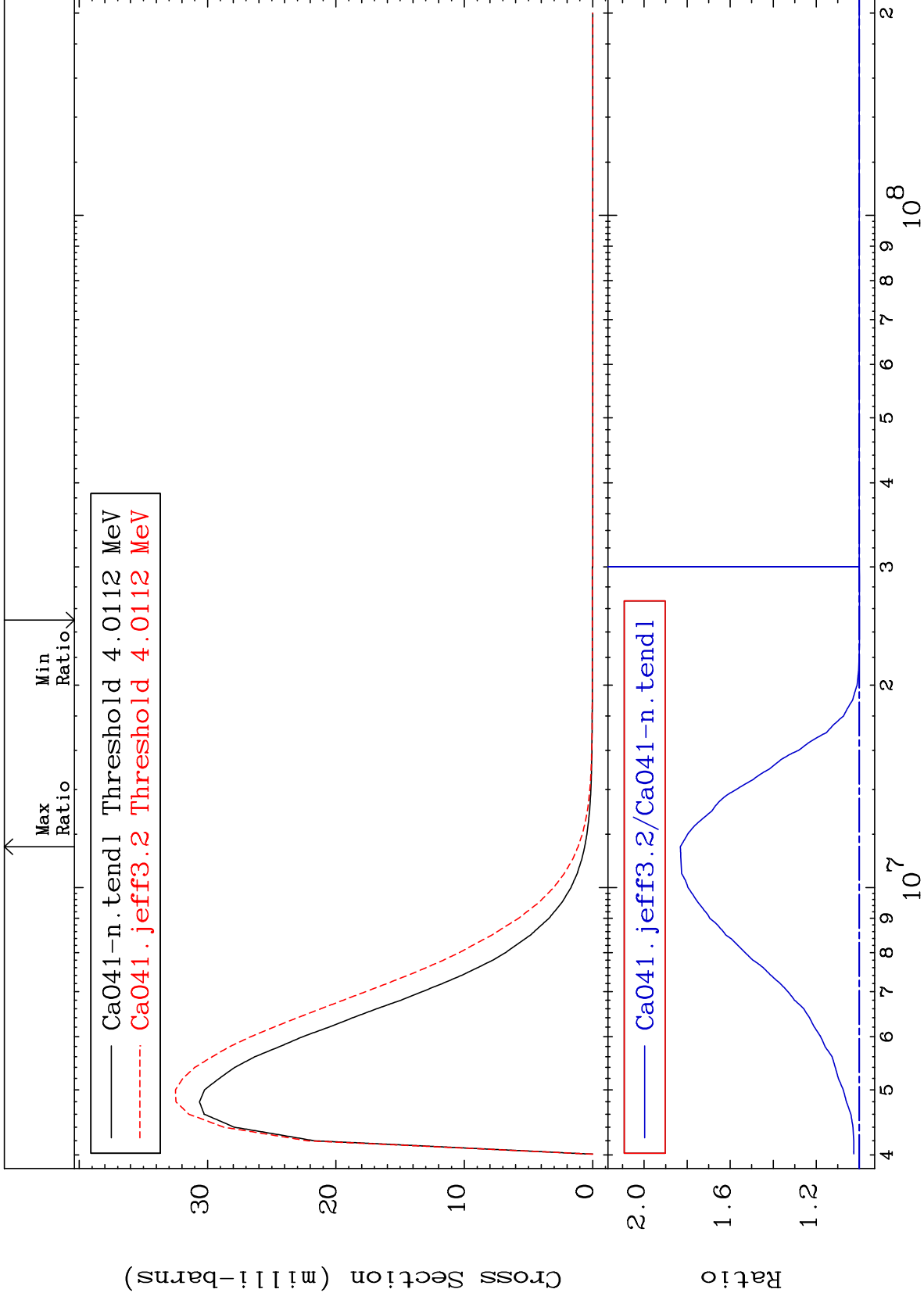
39

20-Ca-41

MAT 2028

3.915 MeV (n,n') Level
Cross Section

20-Ca-41
-0.054 To 83.16 %



40

Incident Energy (eV)

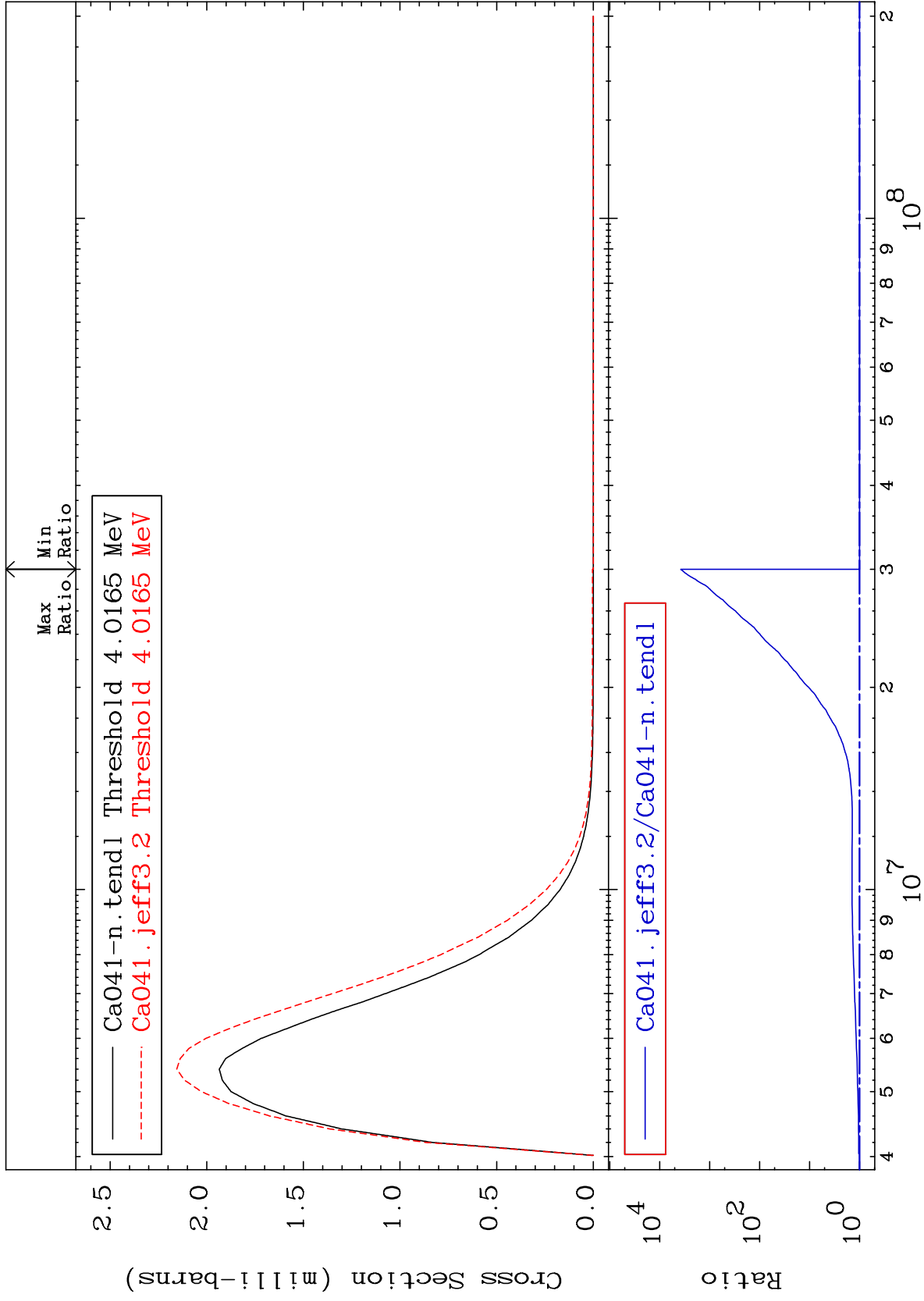
20-Ca-41

MAT 2028

3.920 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %



41

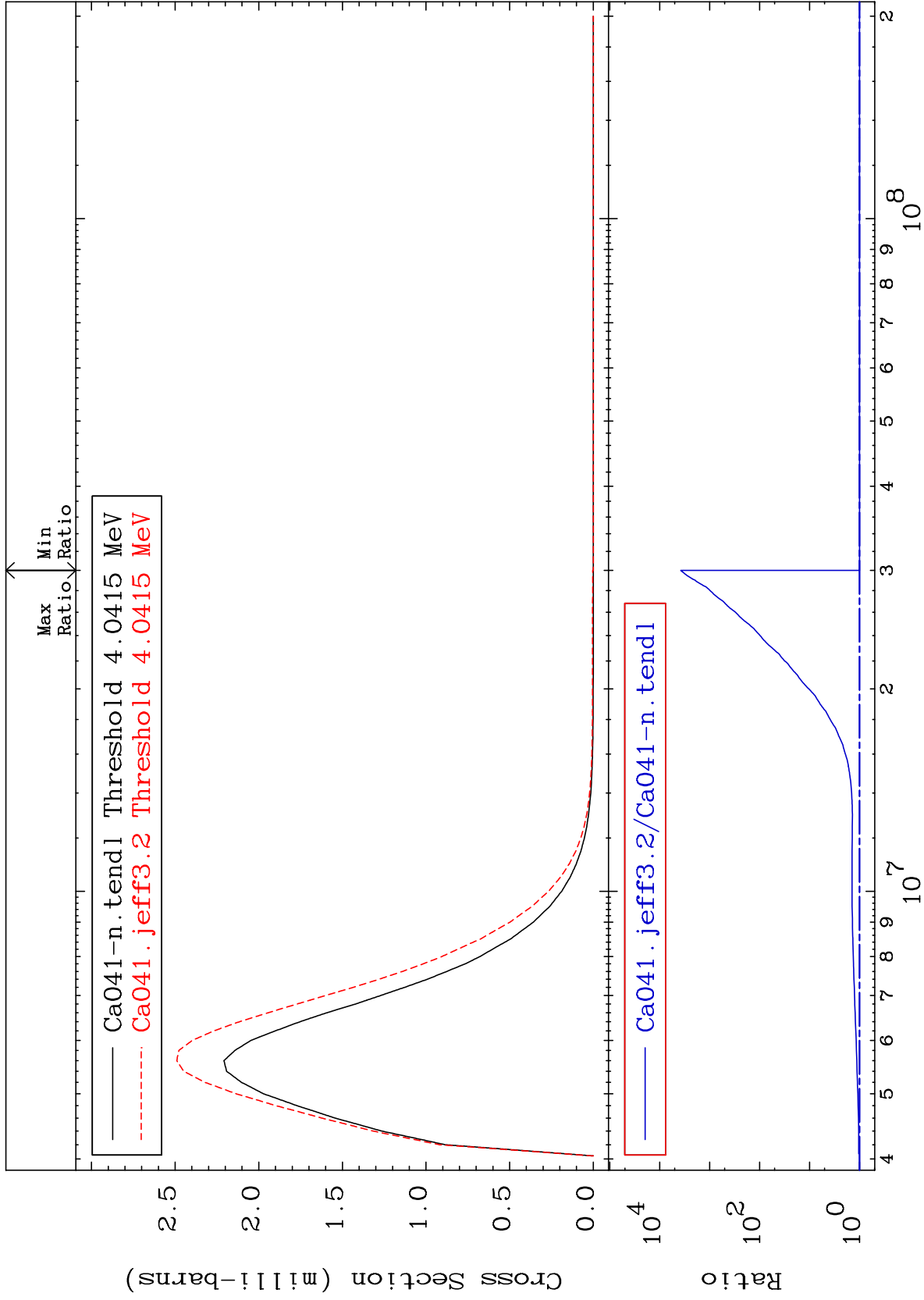
20-Ca-41

MAT 2028

3.944 MeV (n,n') Level

20-Ca-41

0.000 To 9999. %

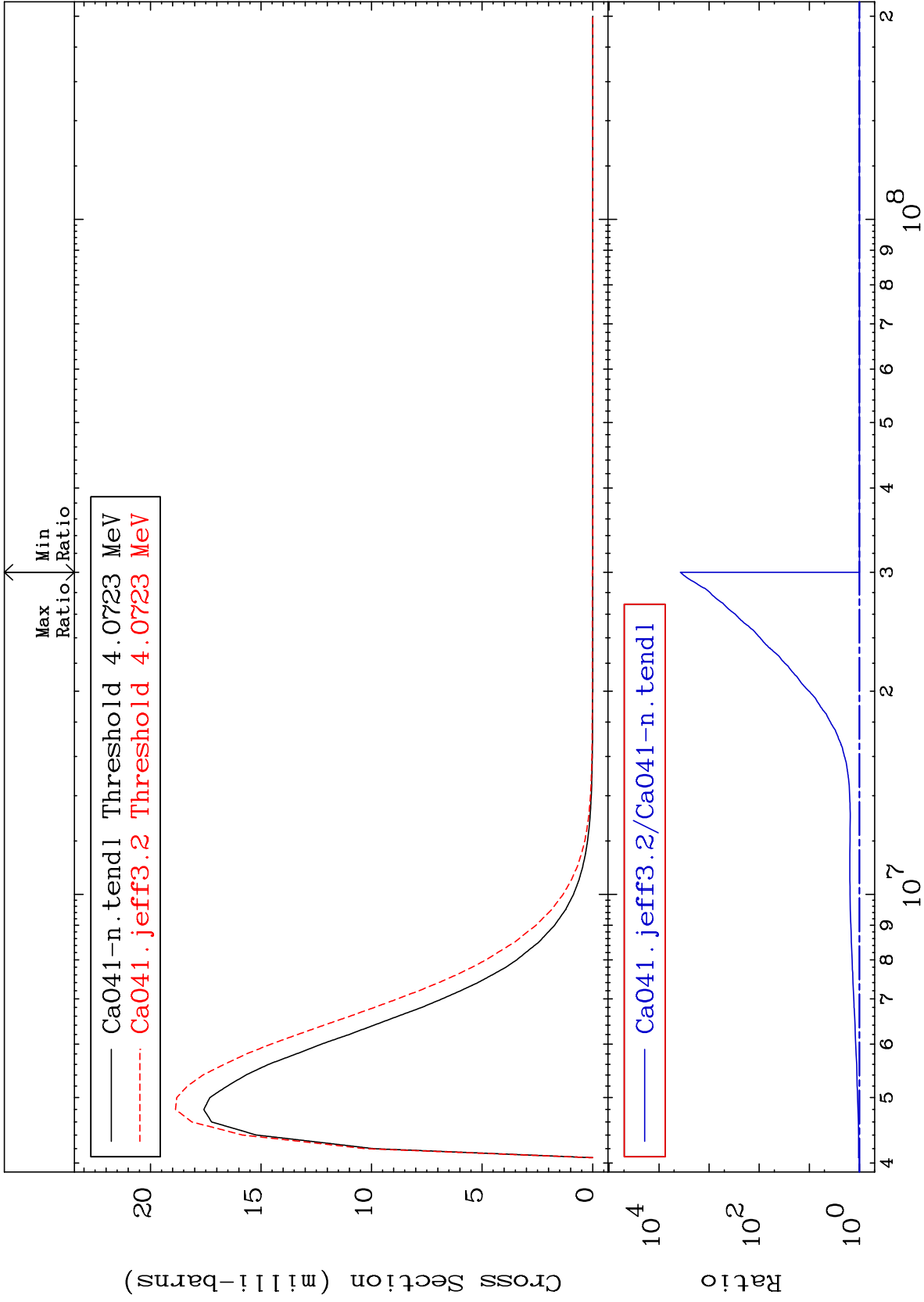


MAT 2028

3.974 MeV (n,n') Level

20-Ca-41

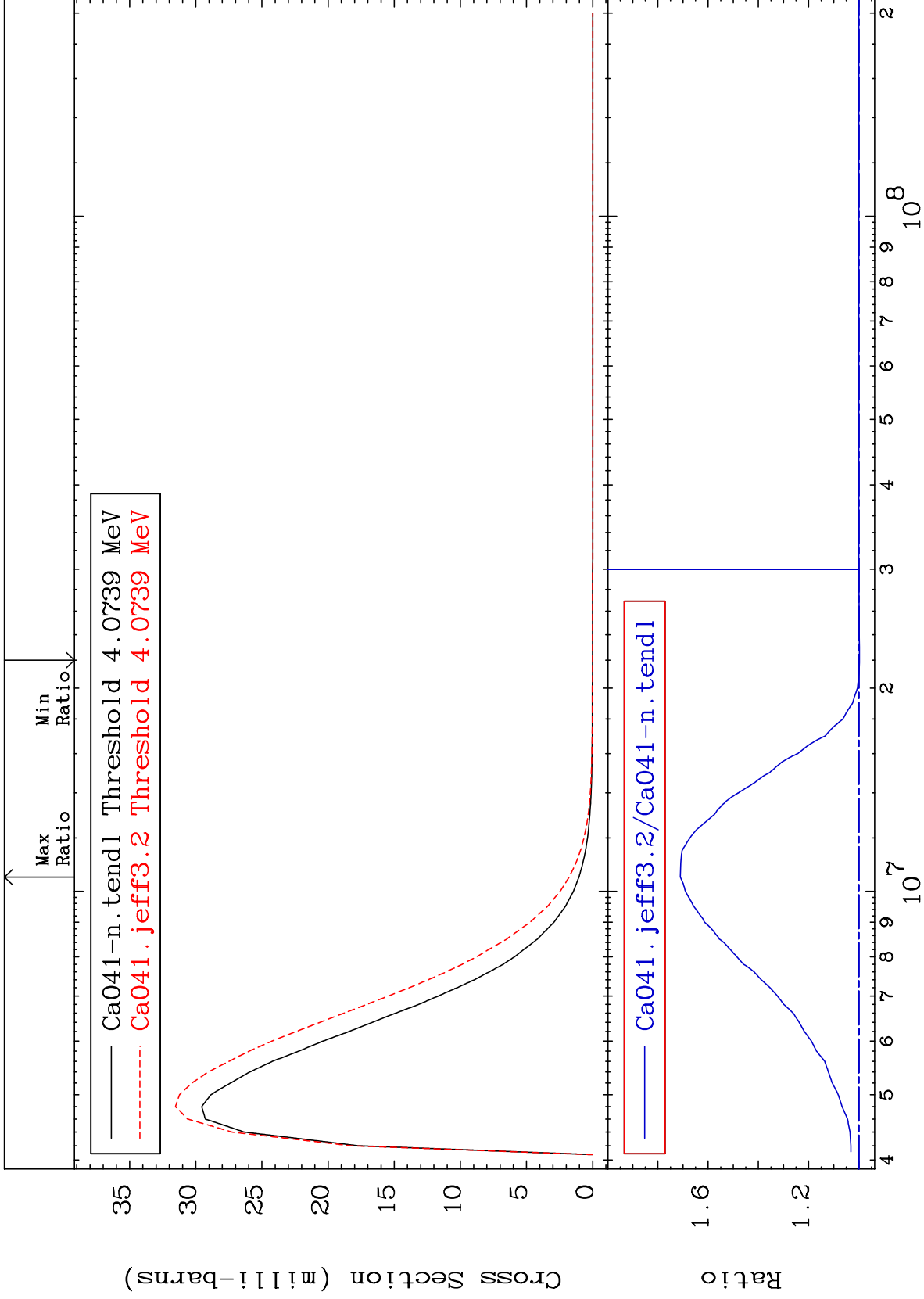
0.000 To 9999. %



MAT 2028

3.976 MeV (n,n') Level
Cross Section

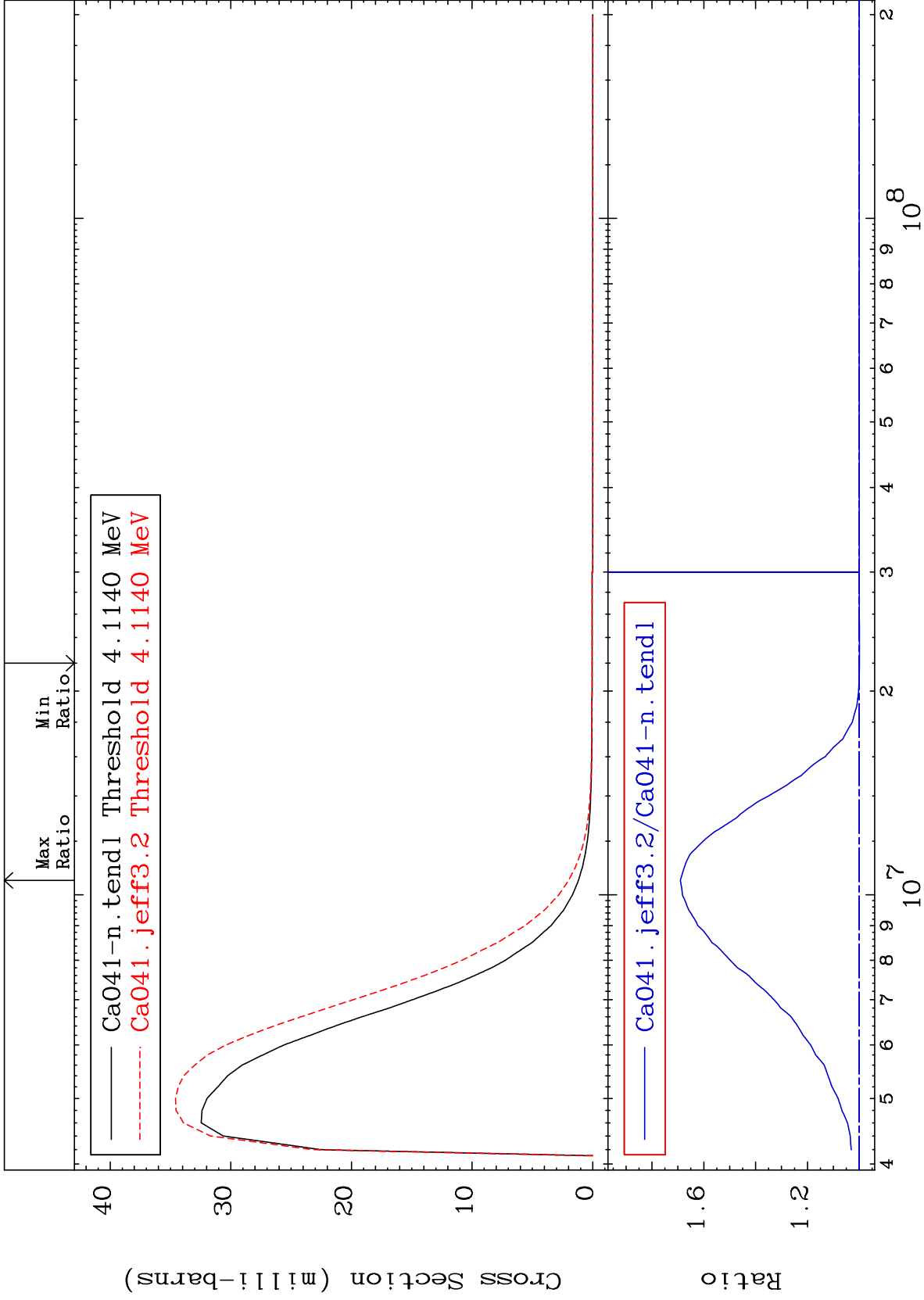
20-Ca-41
-0.210 To 71.05 %

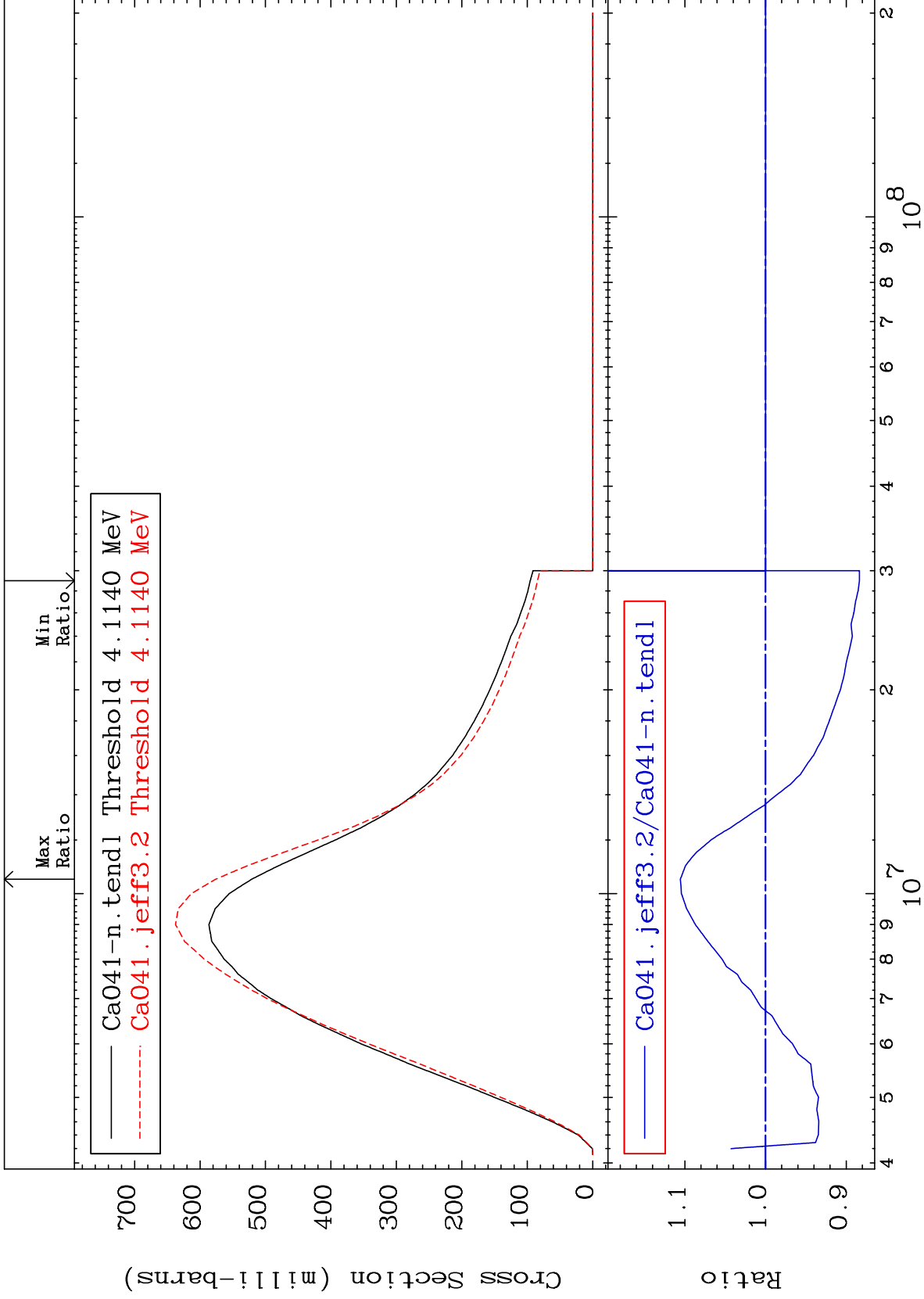


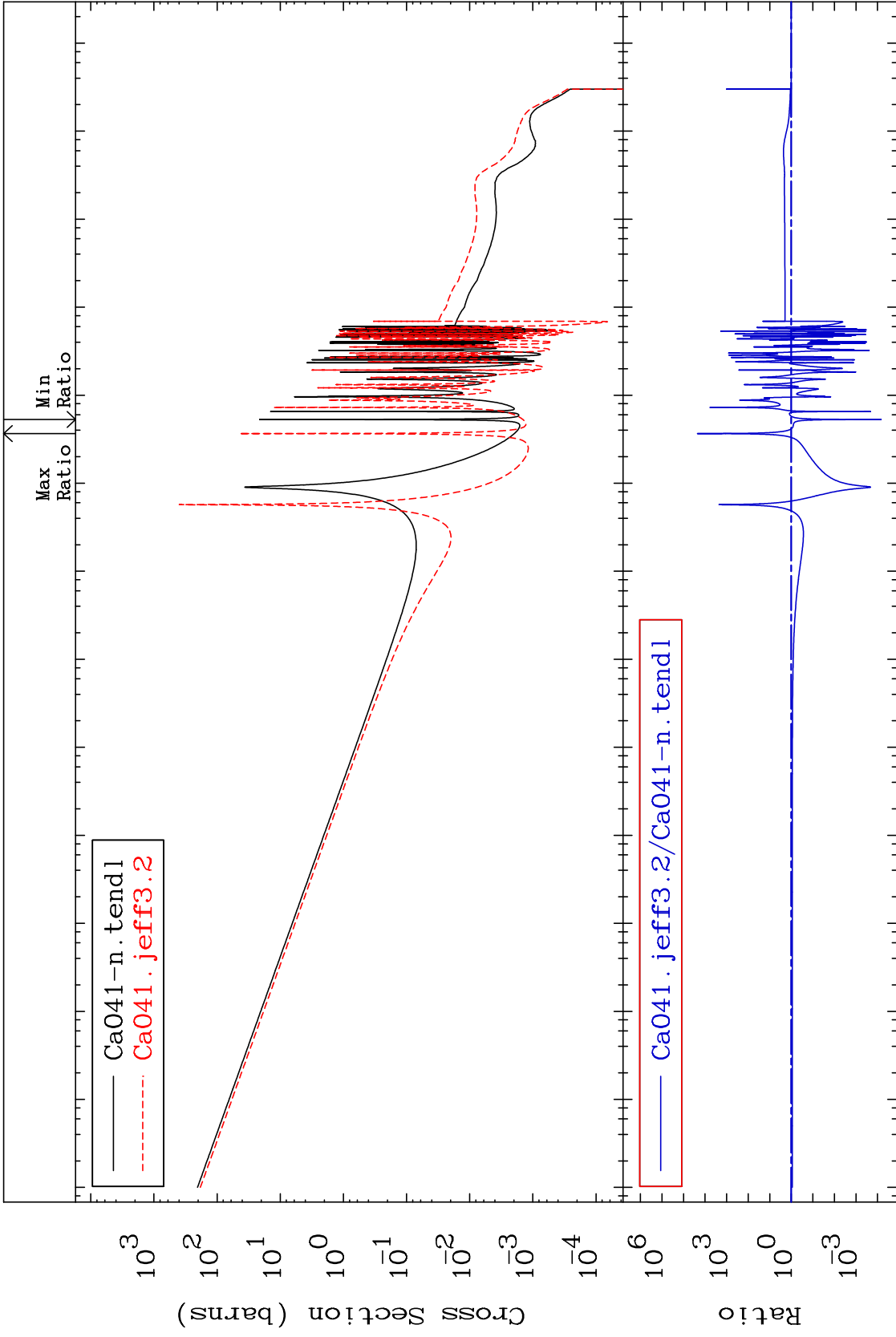
44

Incident Energy (eV)

20-Ca-41







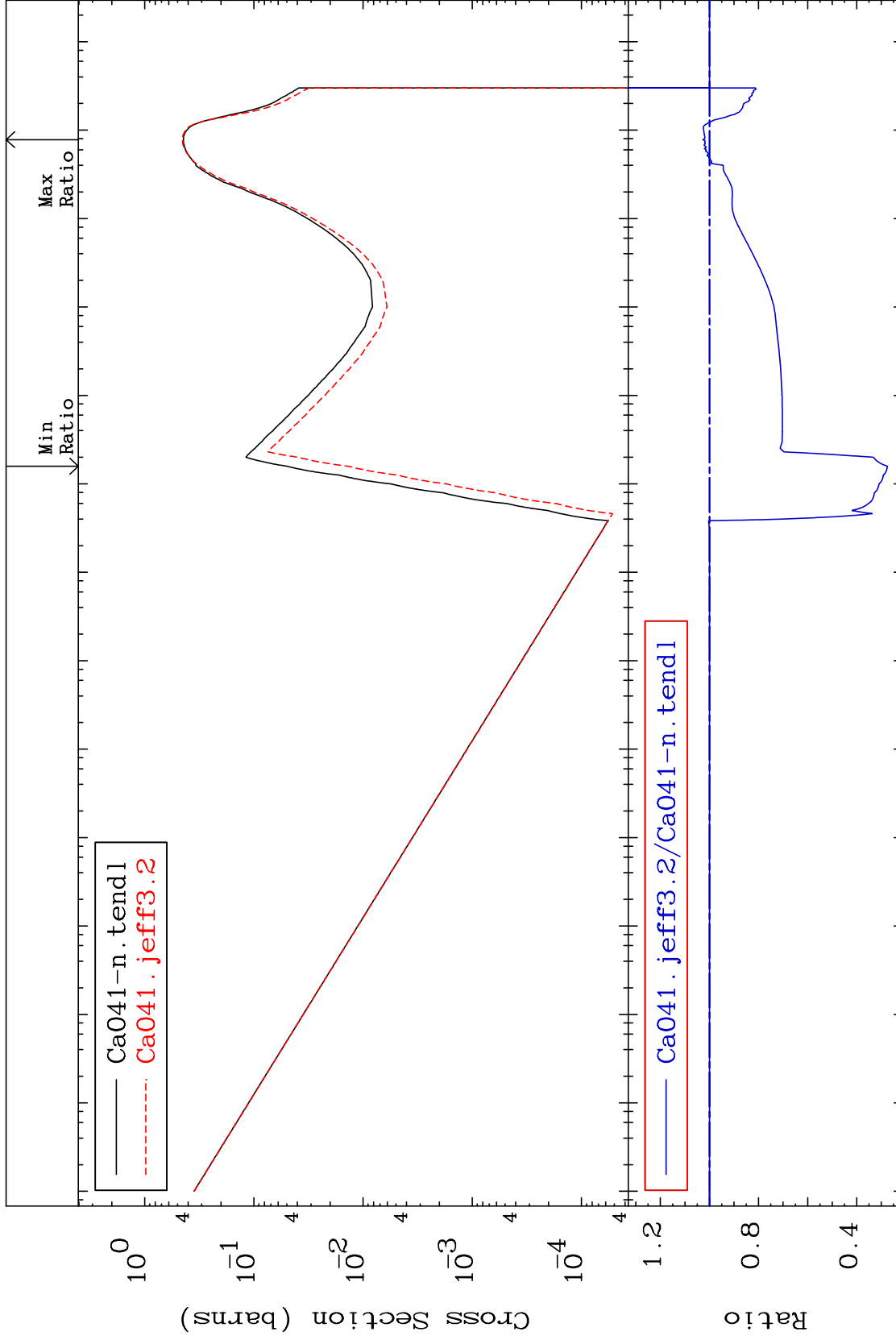
MAT 2028

(n,p)

20-Ca-41

Cross Section

-72.53 To 2.683 %



Incident Energy (eV)

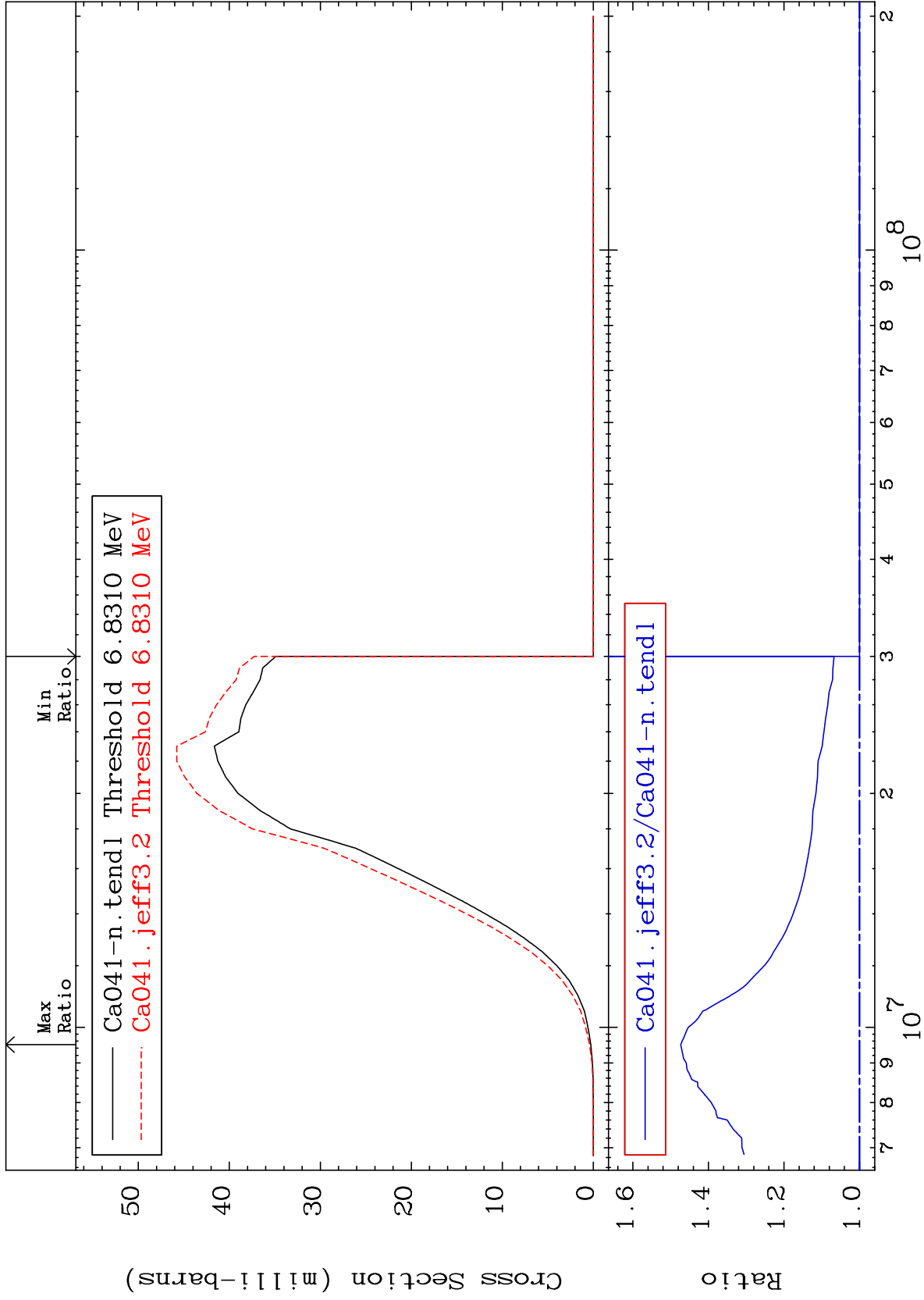
20-Ca-41

48

MAT 2028

²⁰Ca-41

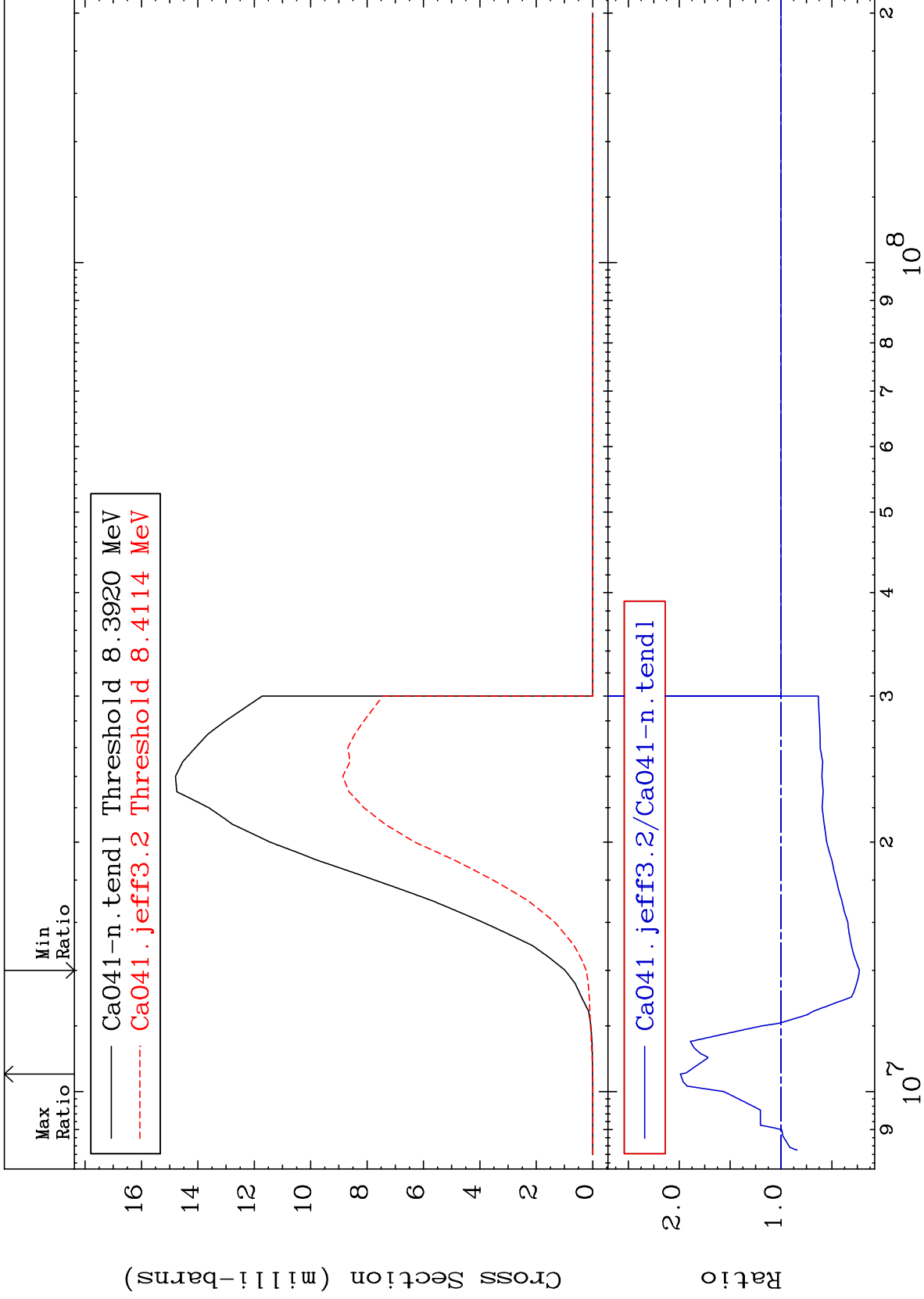
(n, d) Cross Section To 47.32 %



MAT 2028

(n, t)
Cross Section

20-Ca-41
-76.97 To 99.00 %



50

20-Ca-41

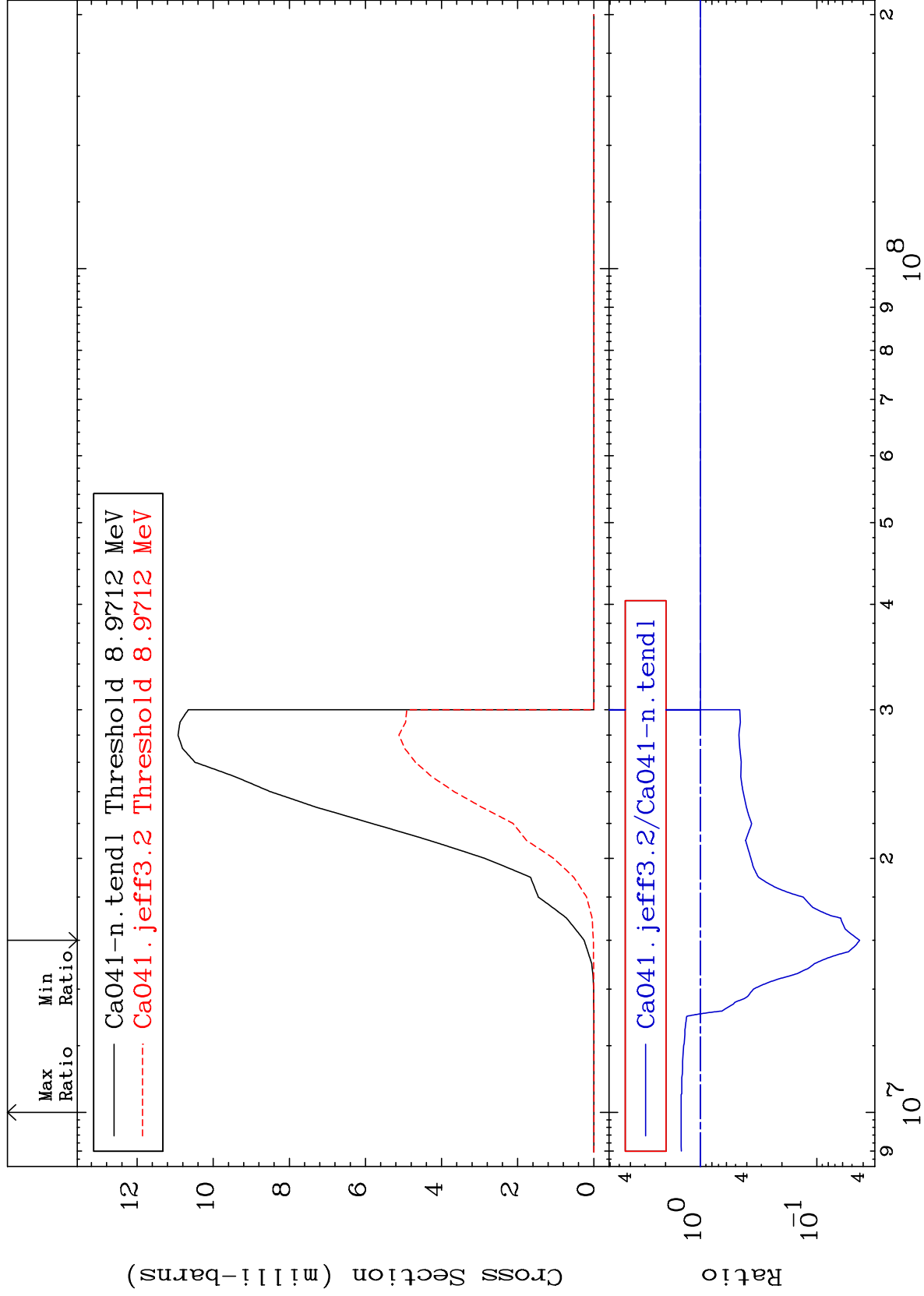
MAT 2028

(n, He-3)

20-Ca-41

Cross Section

-95.71 To 46.69 %



51

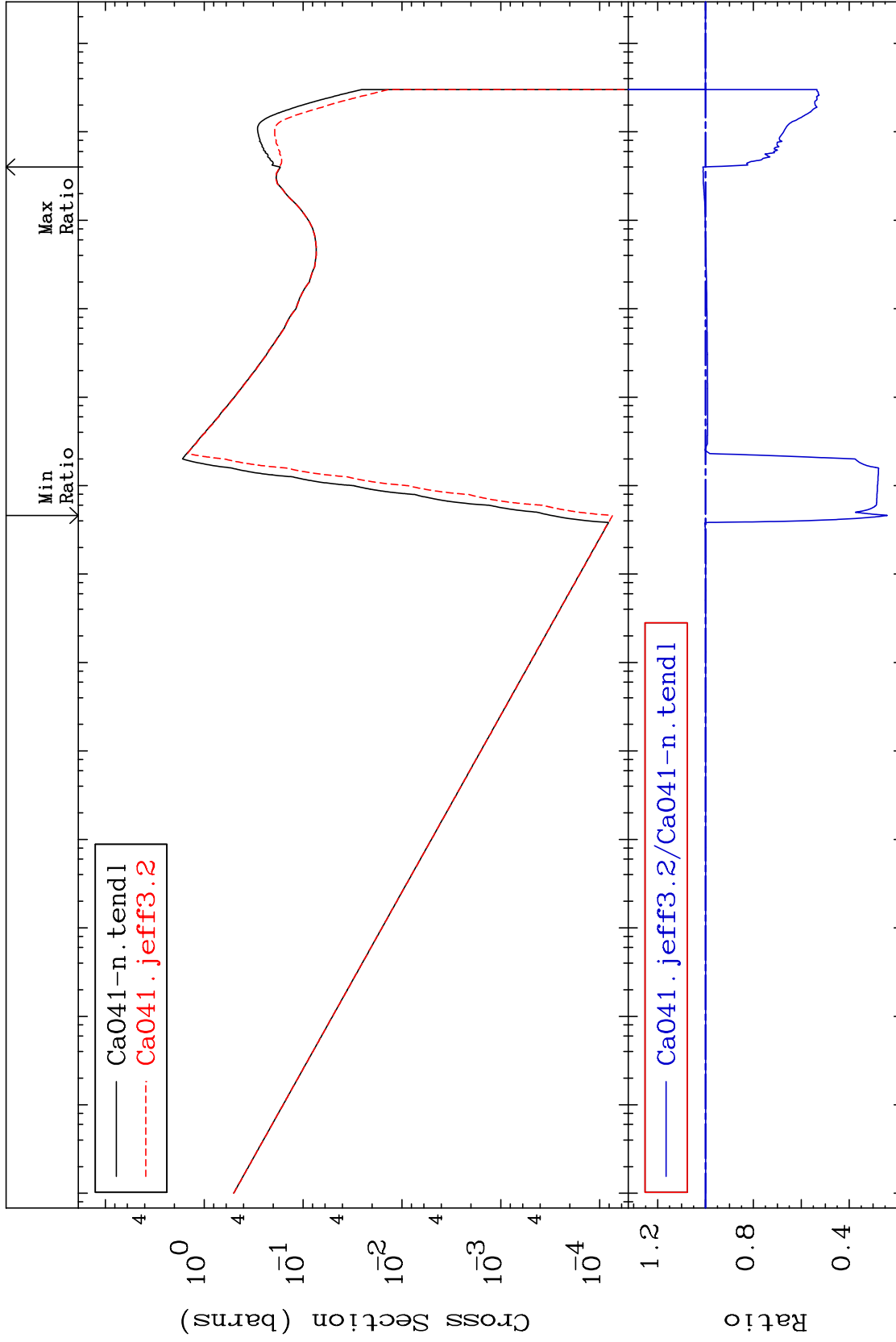
Incident Energy (eV)

20-Ca-41

MAT 2028

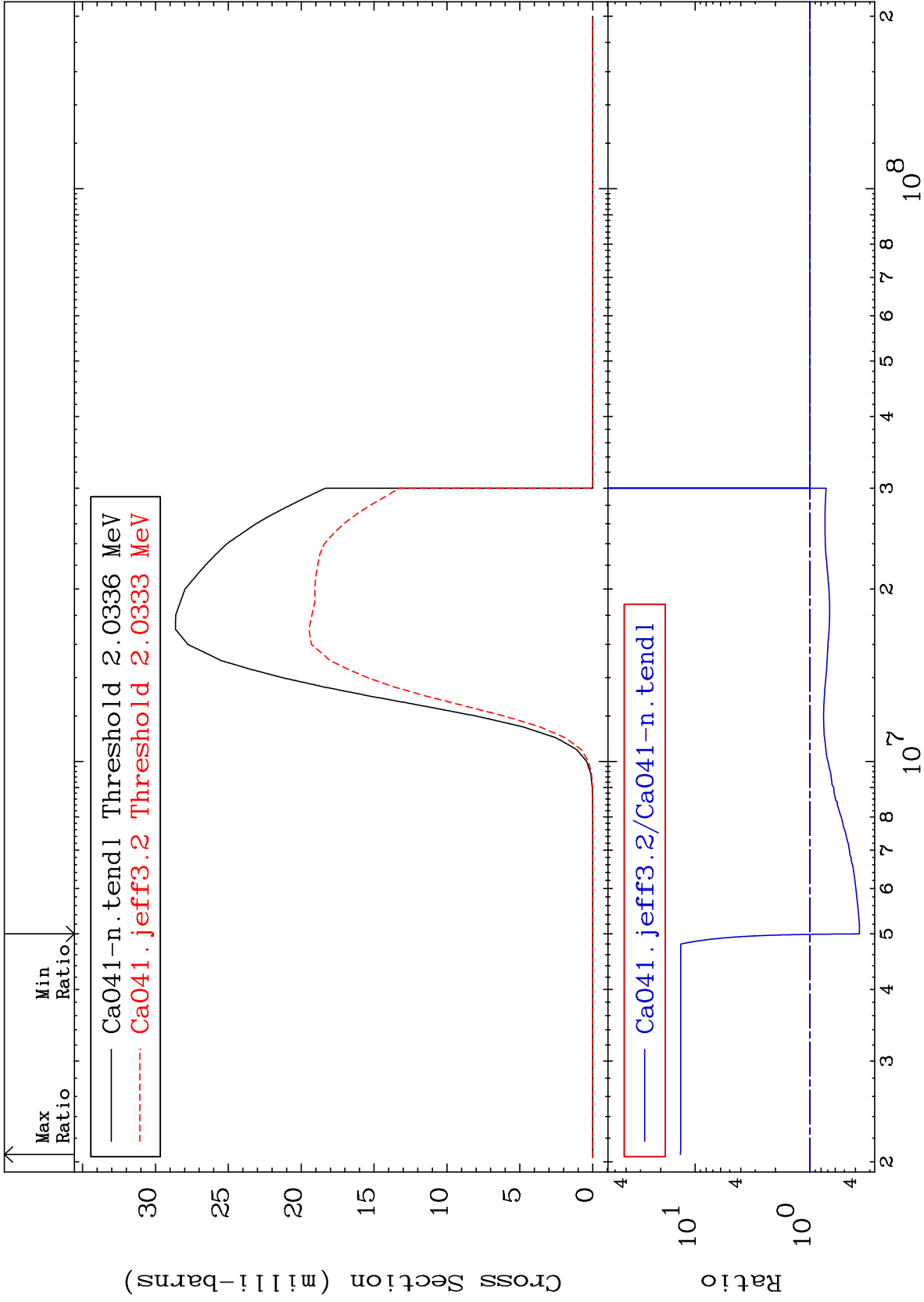
(n, α)
Cross Section

20-Ca-41
-75.97 To 1.099 %



Cross Section

-63.02 To 1246. %



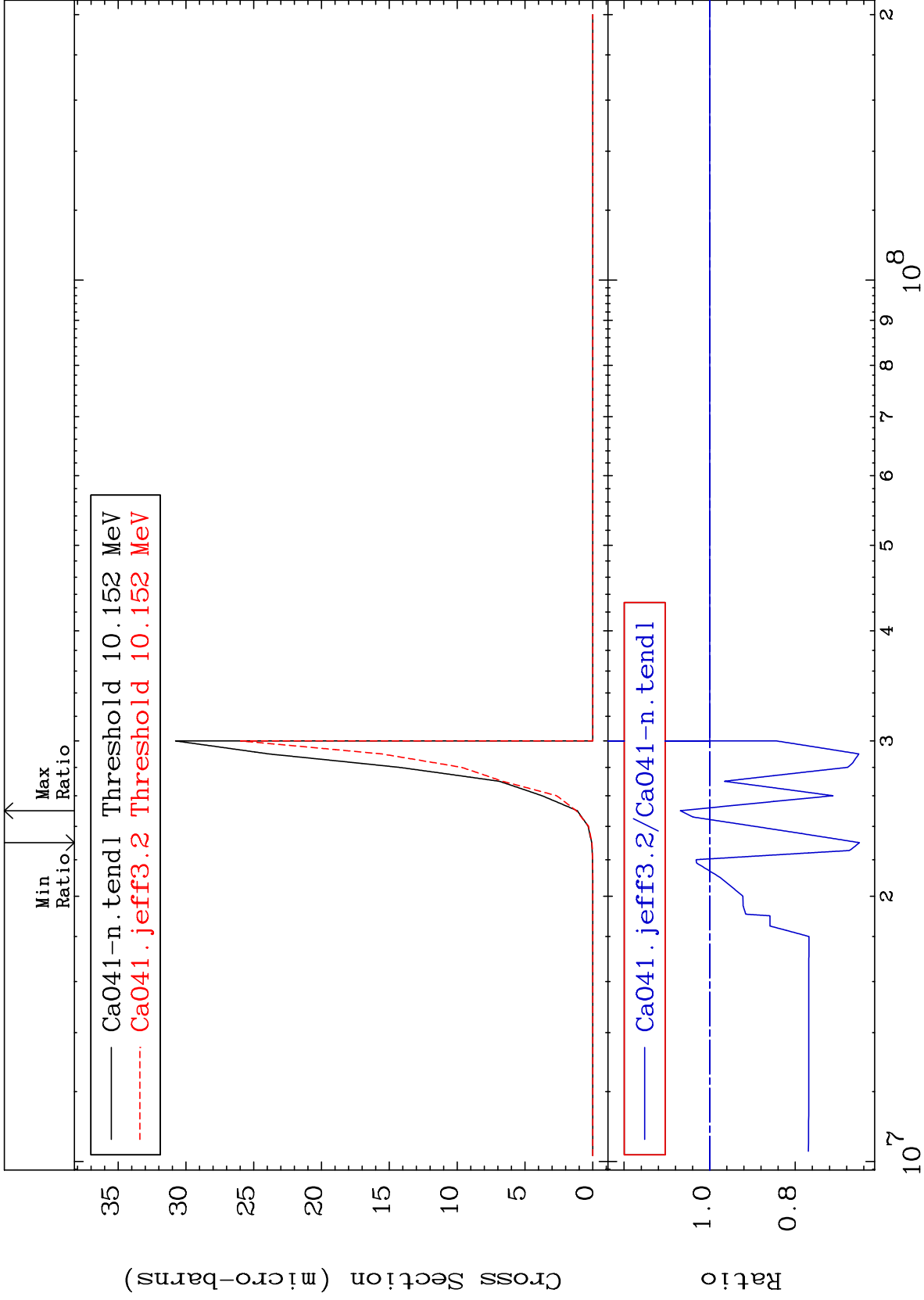
MAT 2028

(n, 3α)

20-Ca-41

Cross Section

-34.99 To 6.854 %



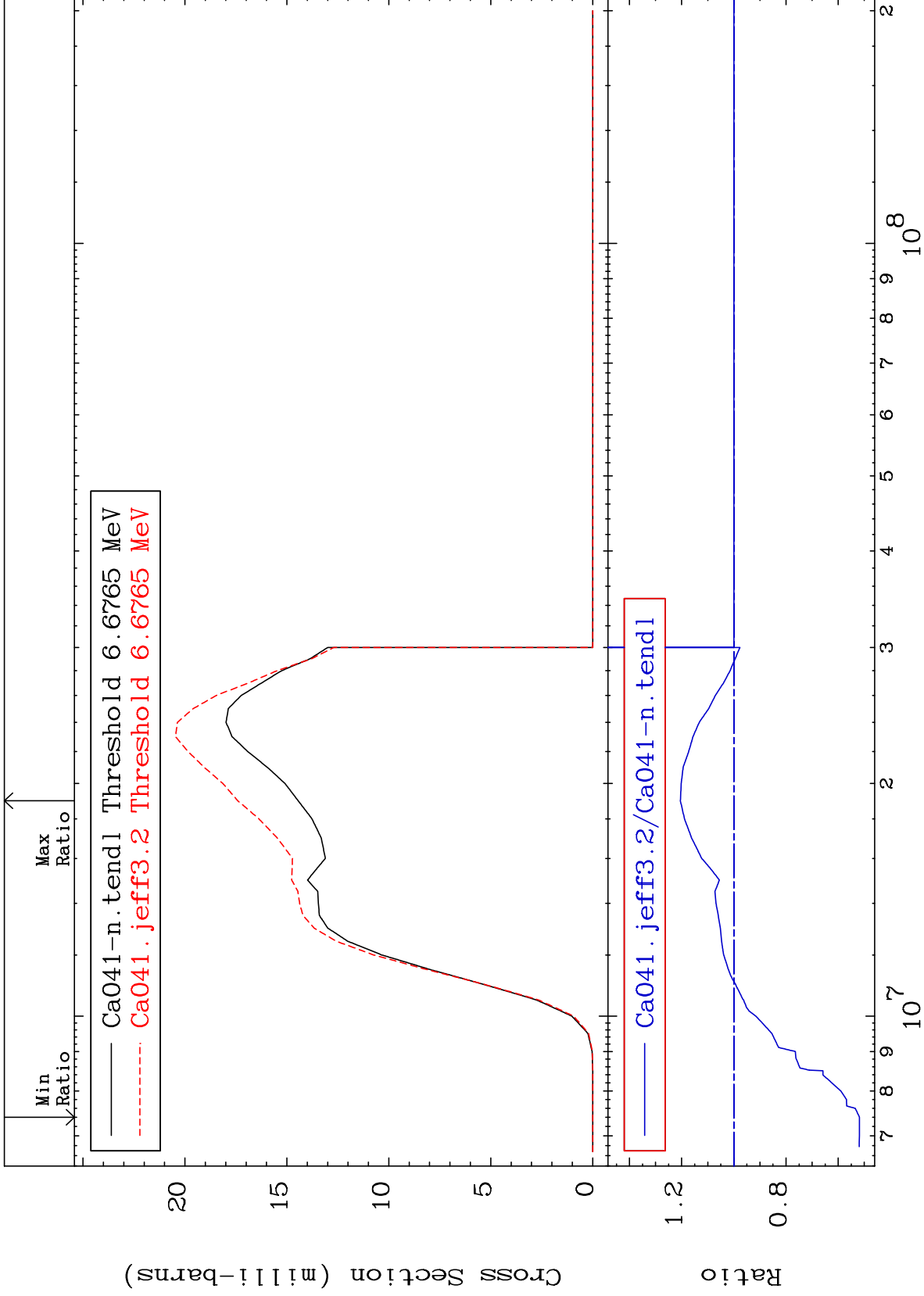
54

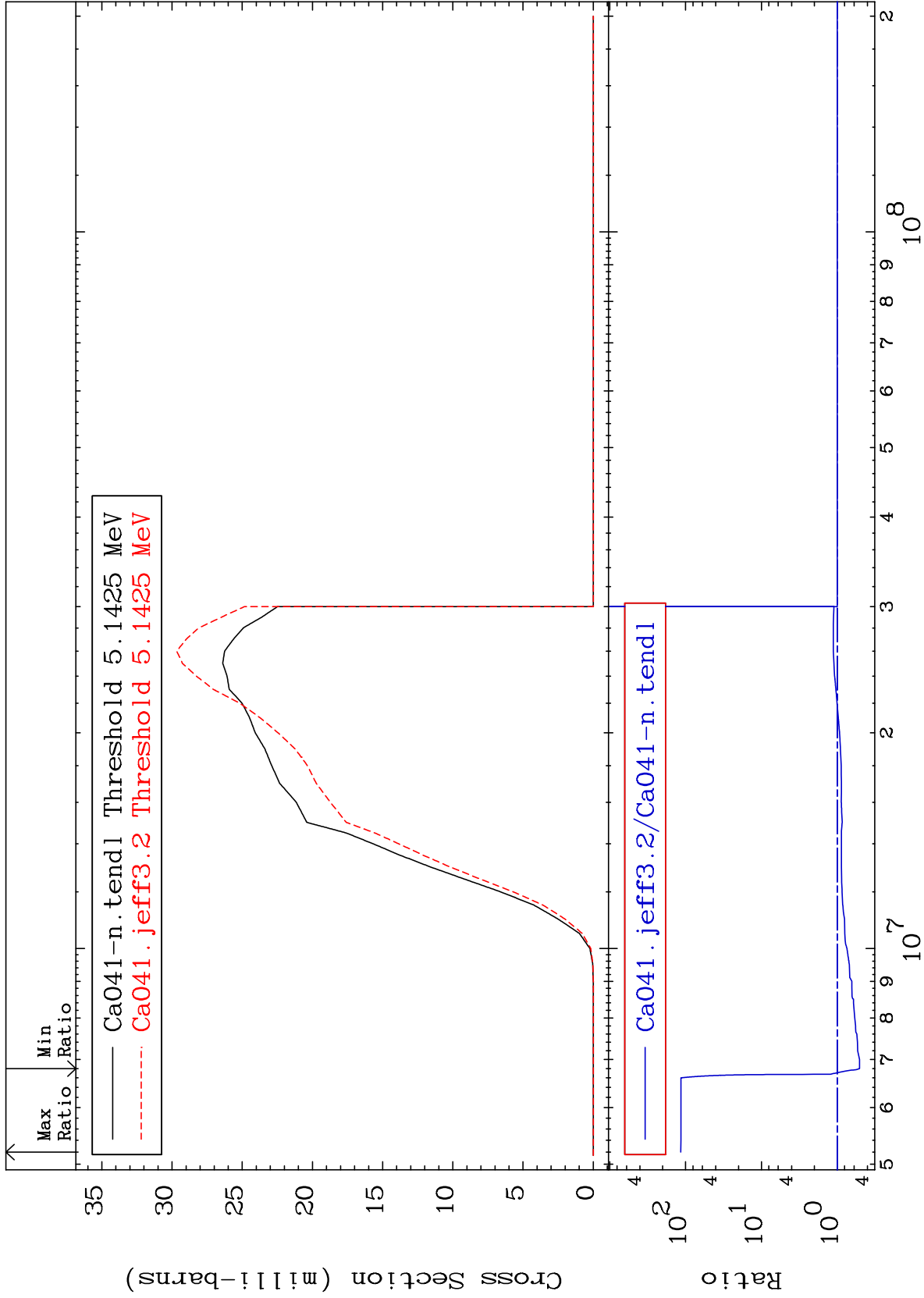
Incident Energy (eV)

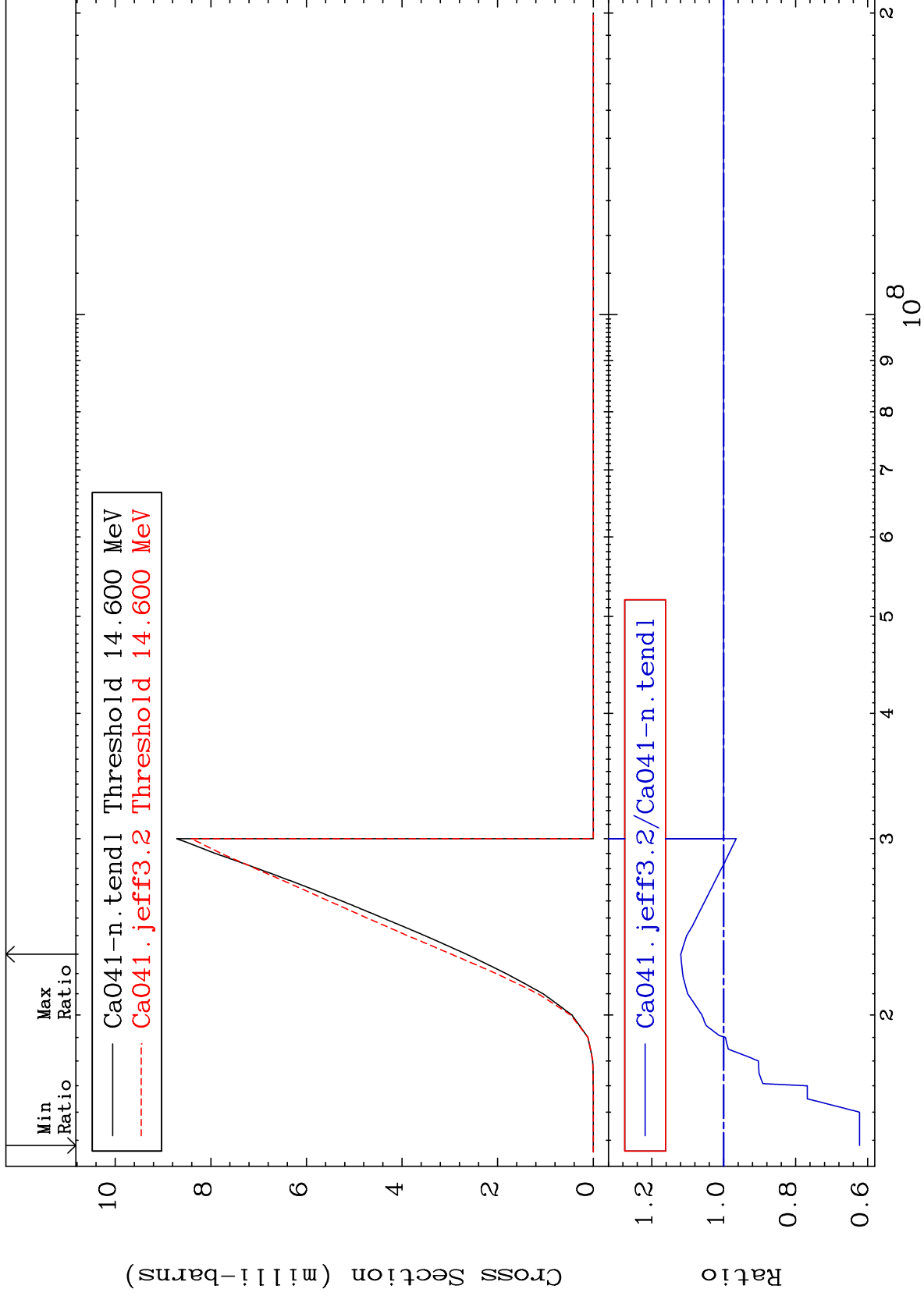
20-Ca-41

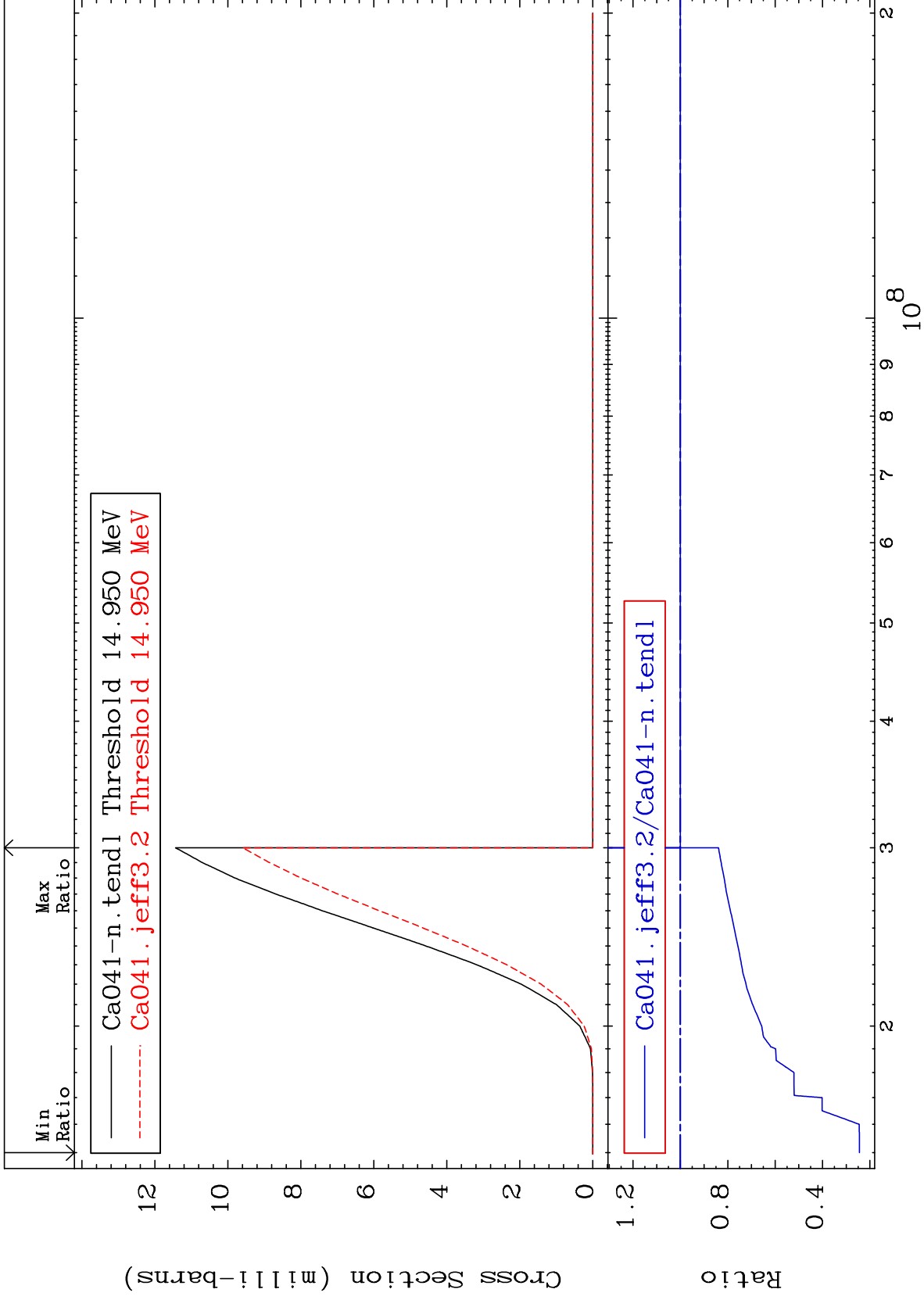
Cross Section

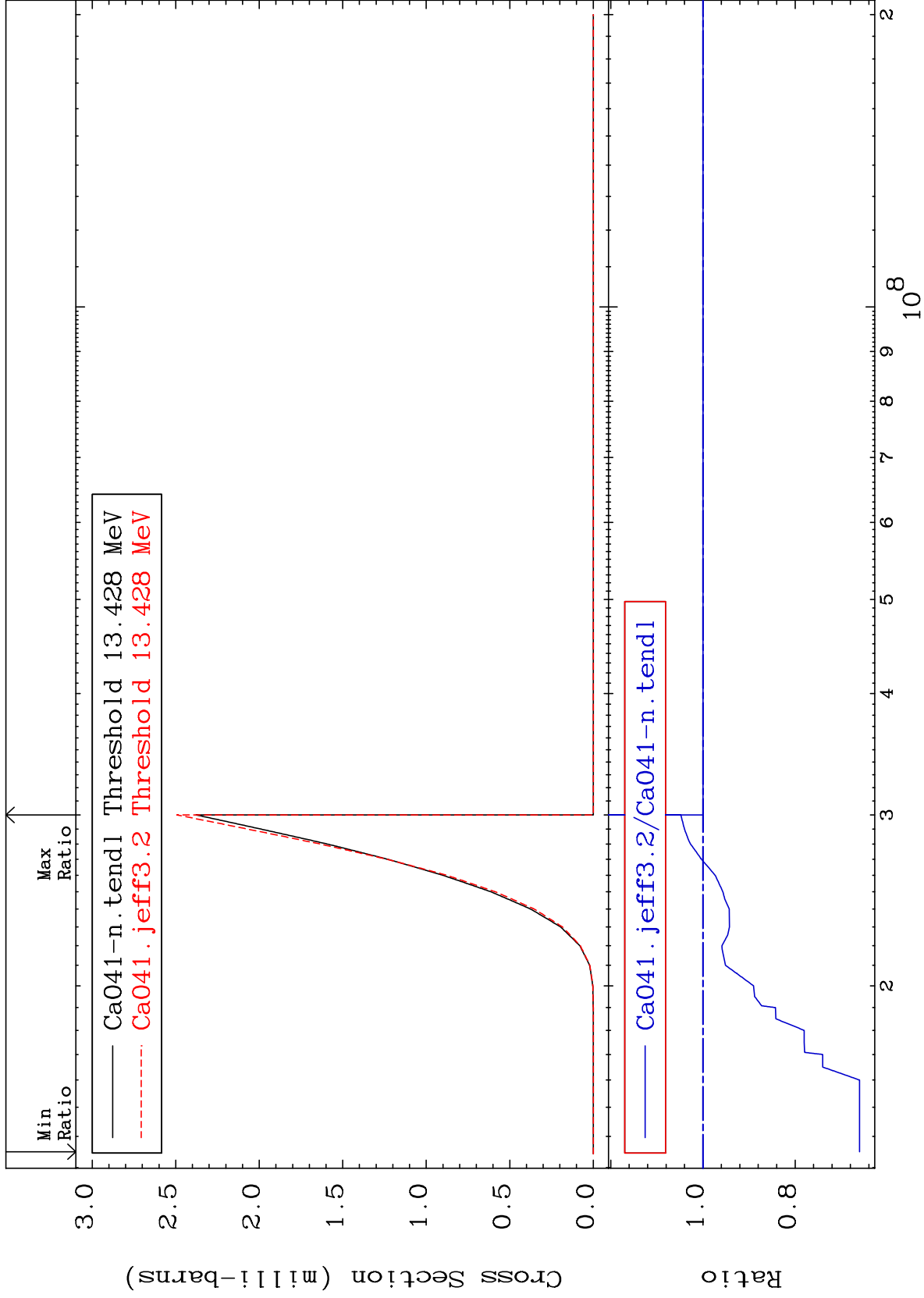
-48.13 To 20.50 %







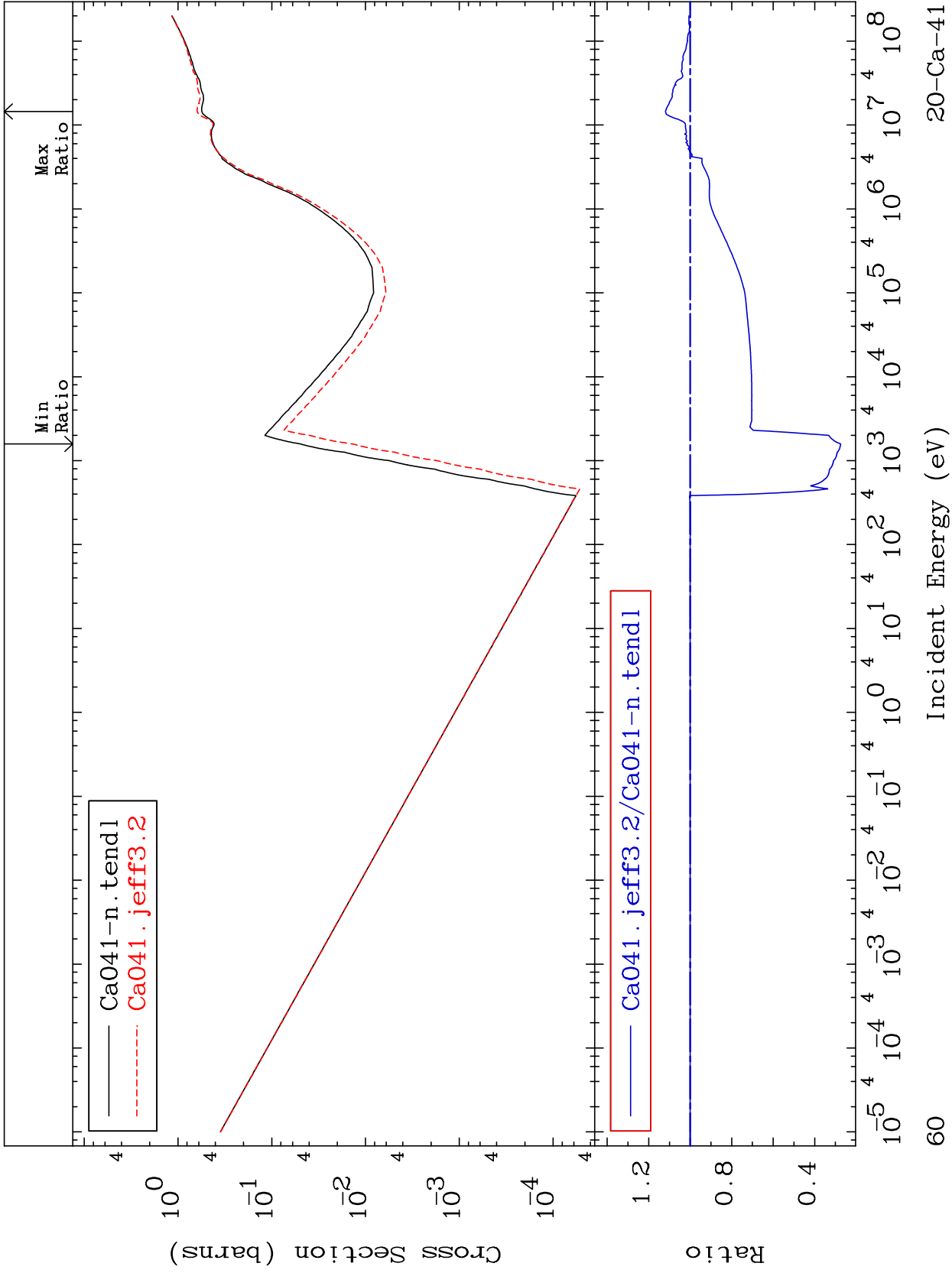




MAT 2028

Hydrogen Production Cross Section

20-Ca-41
-72.53 To 11.91 %



60

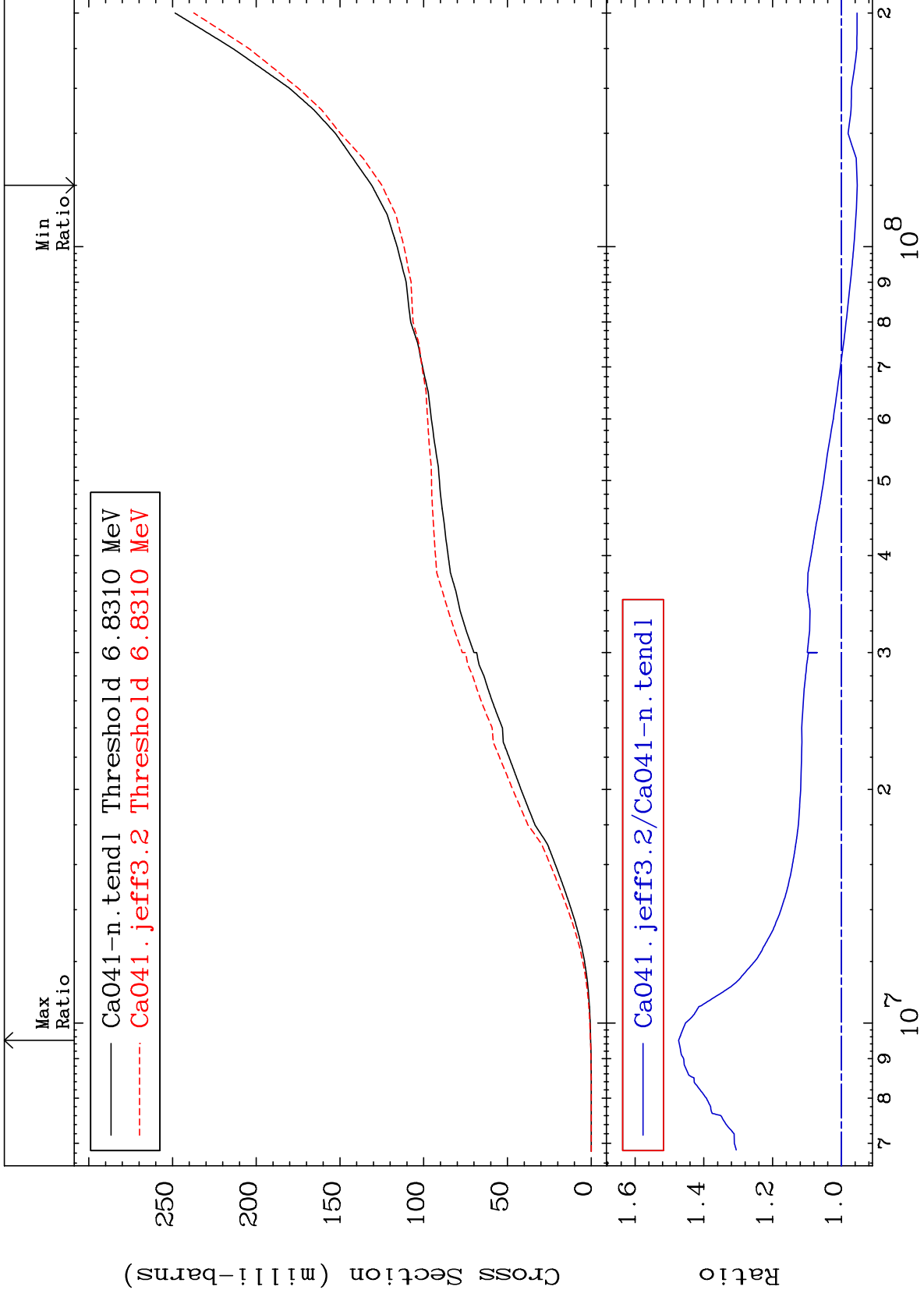
Incident Energy (eV)

20-Ca-41

MAT 2028

Deuterium Production
Cross Section

²⁰Ca-41
-4.595 To 47.32 %

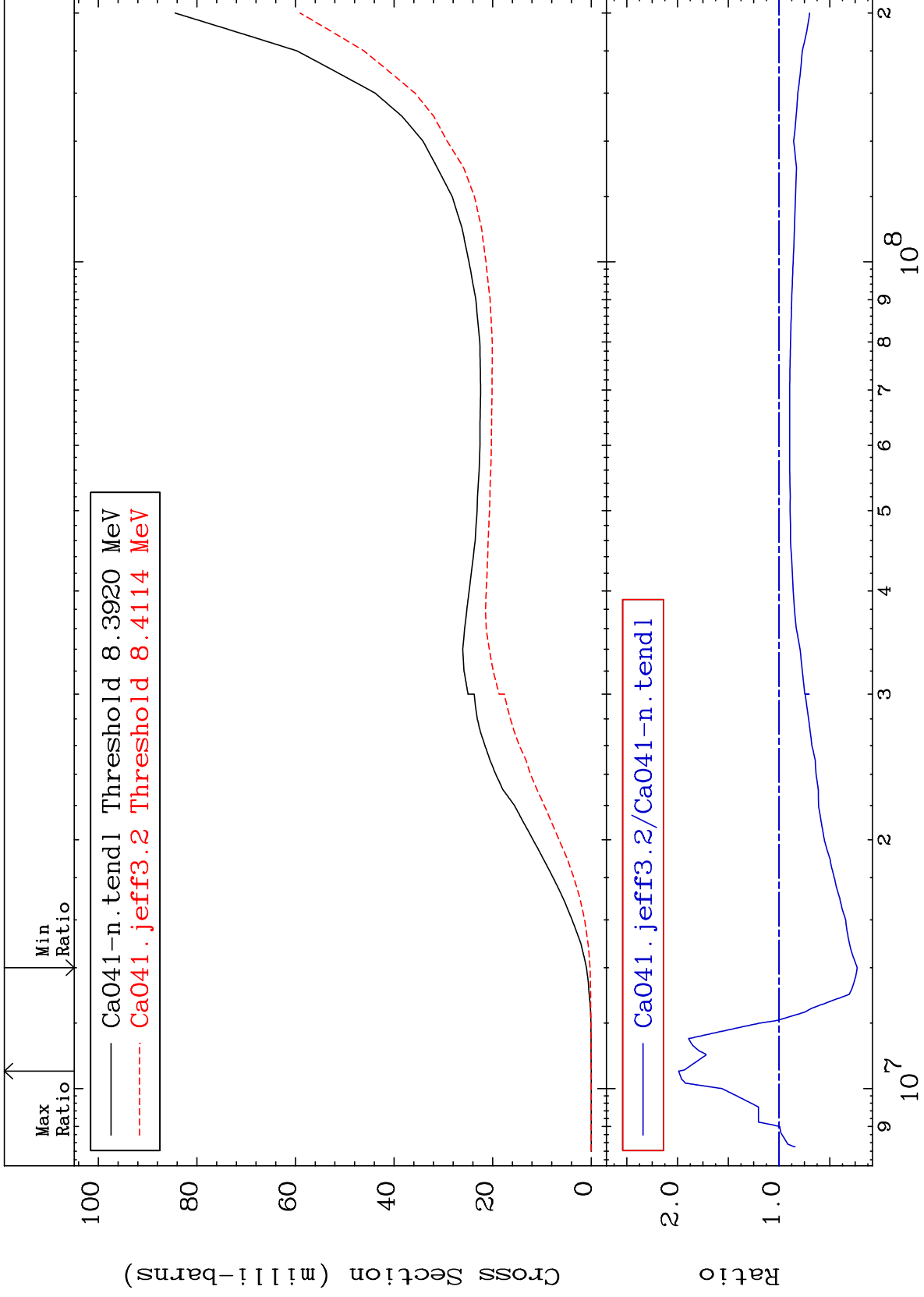


61

MAT 2028

Tritium Production Cross Section

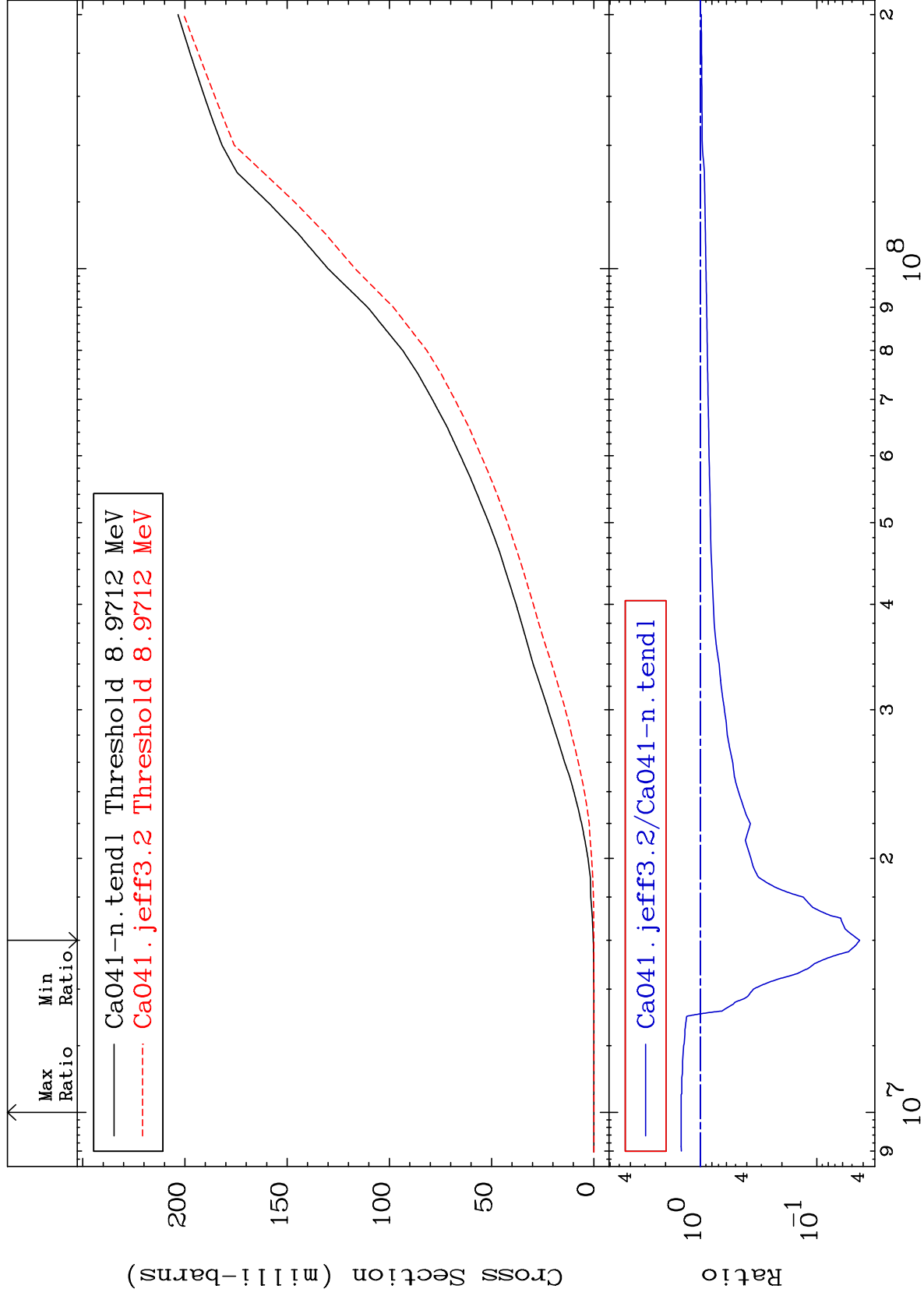
20-Ca-41
-76.97 To 99.00 %



MAT 2028

He-3 Production
Cross Section

20-Ca-41
-95.71 To 46.69 %



63

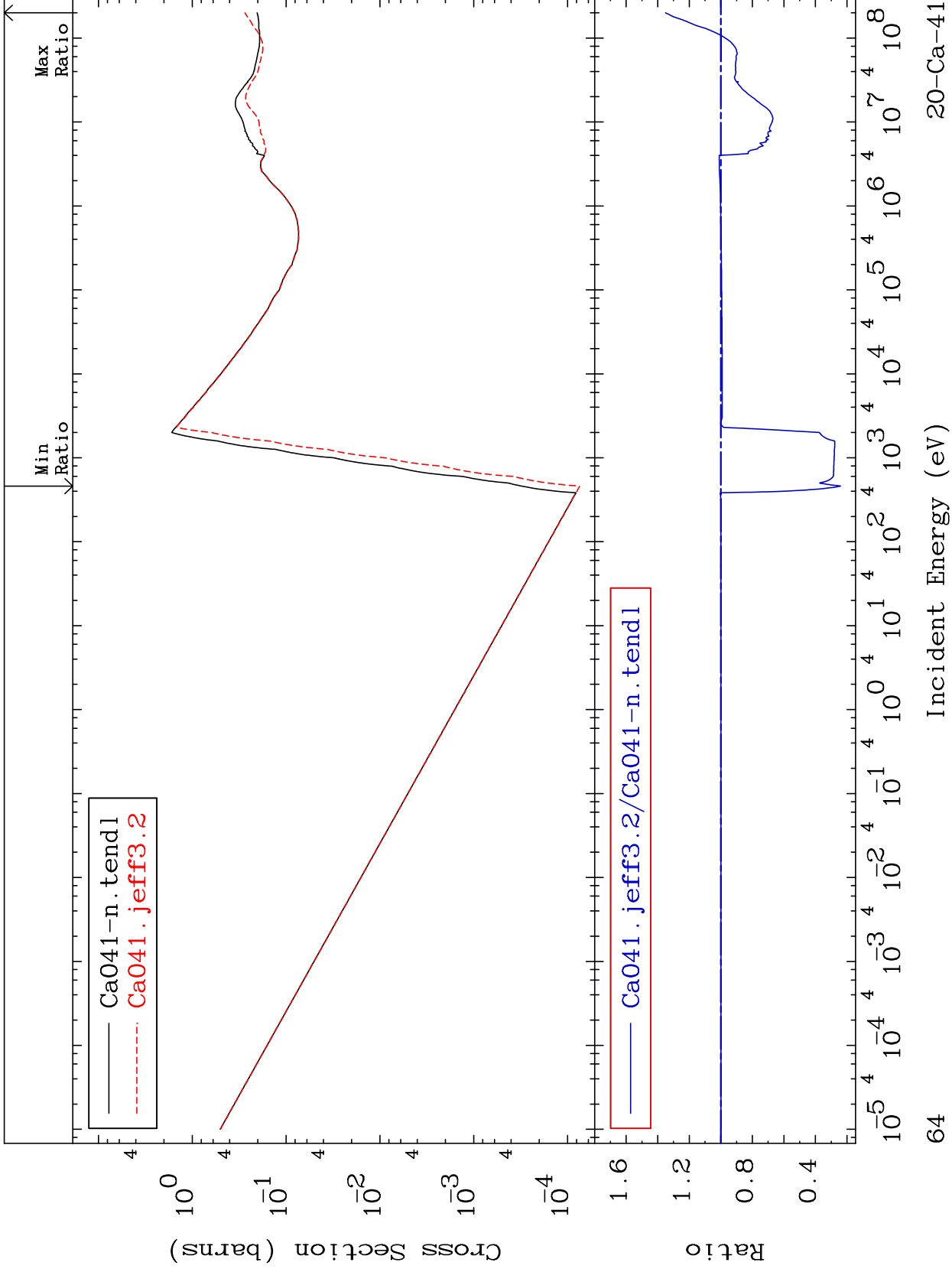
Incident Energy (eV)

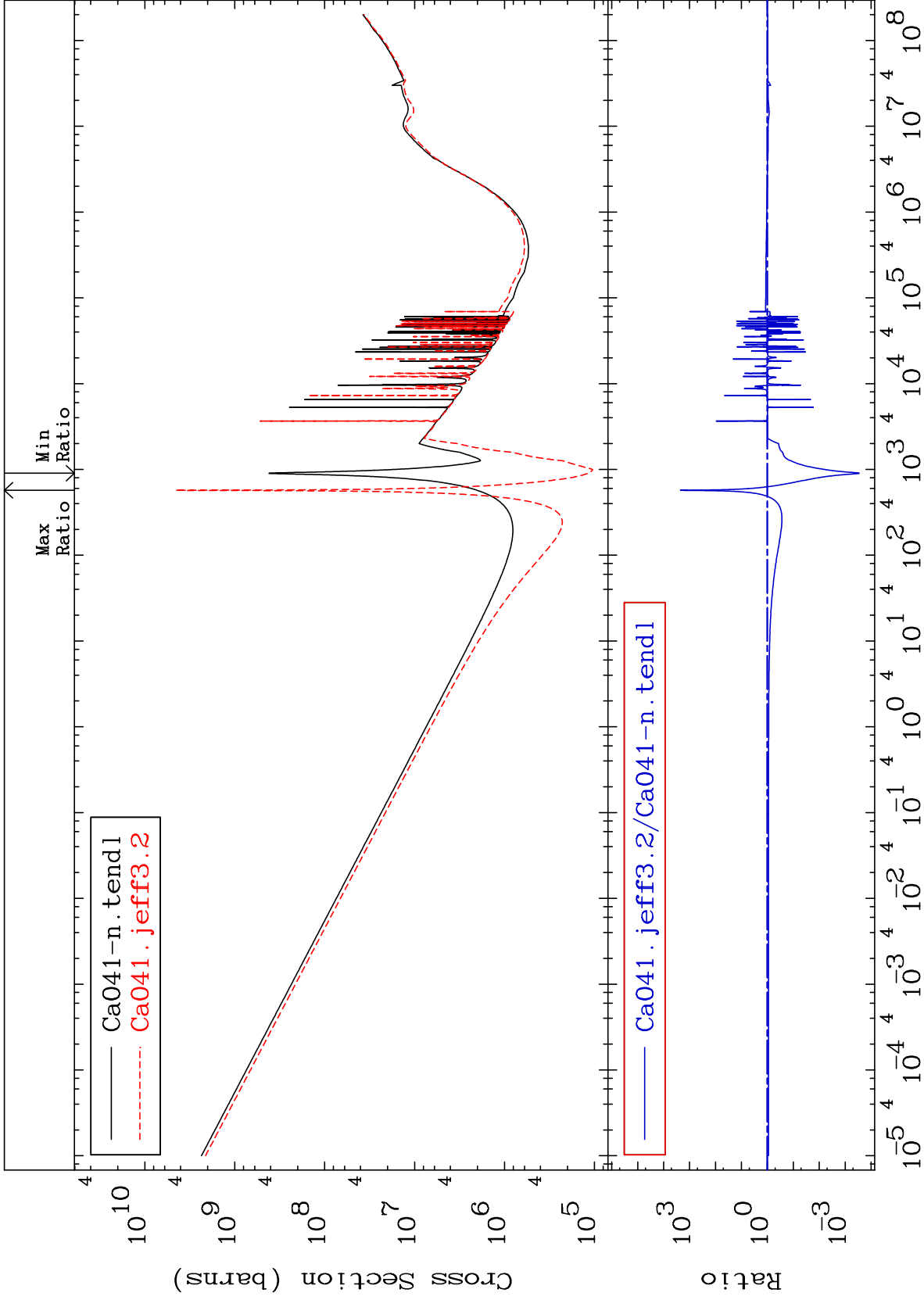
20-Ca-41

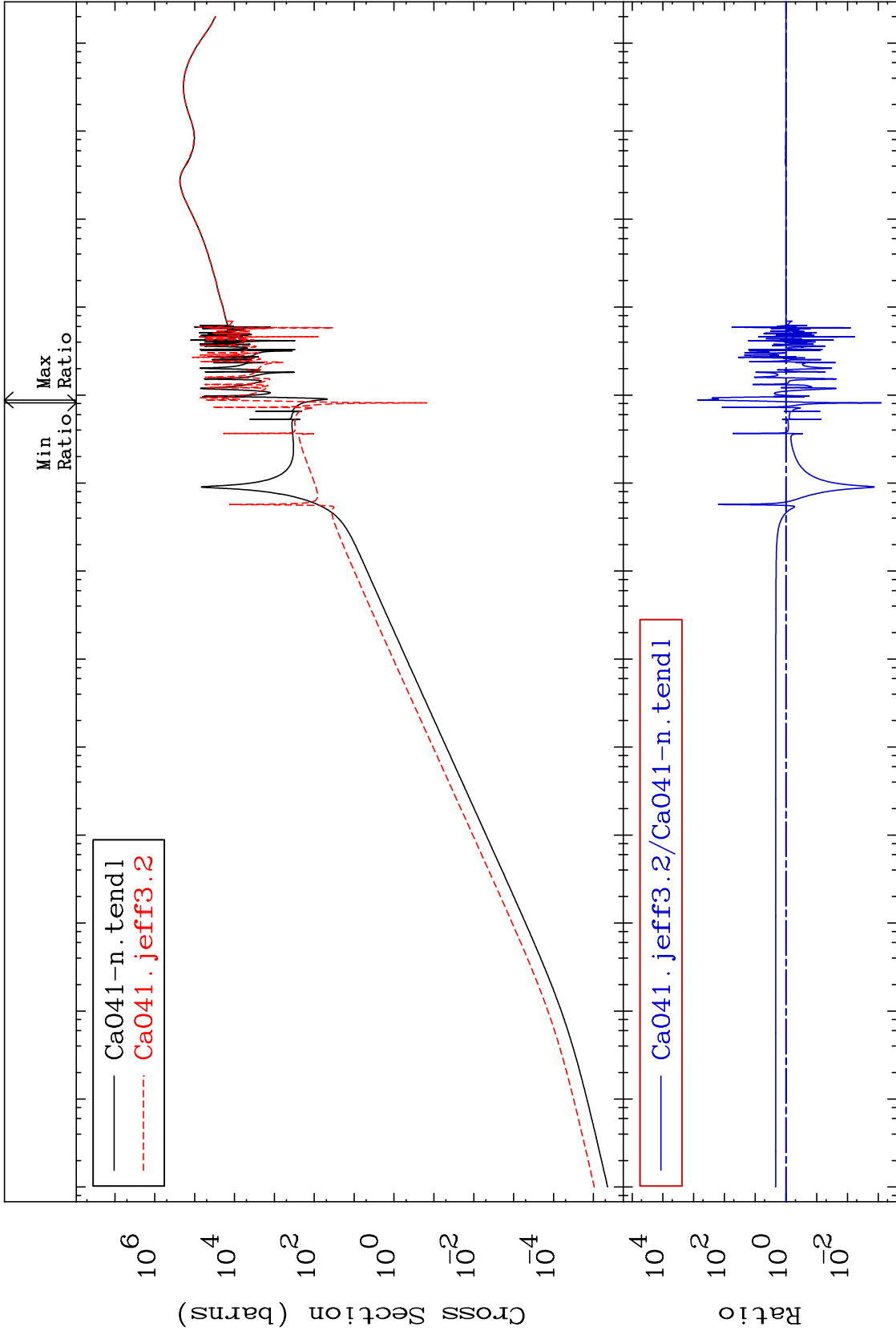
MAT 2028

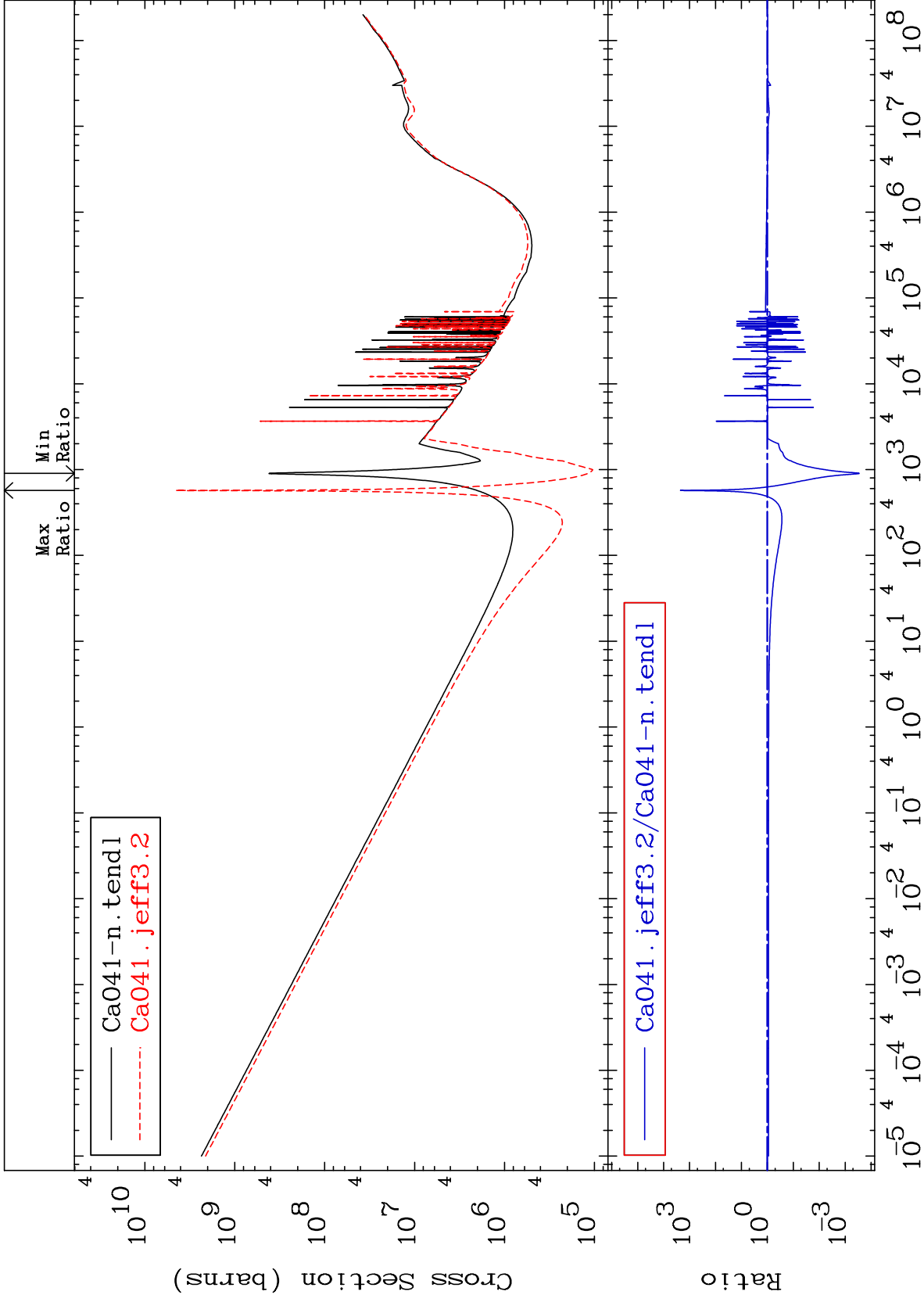
He-4 Production
Cross Section

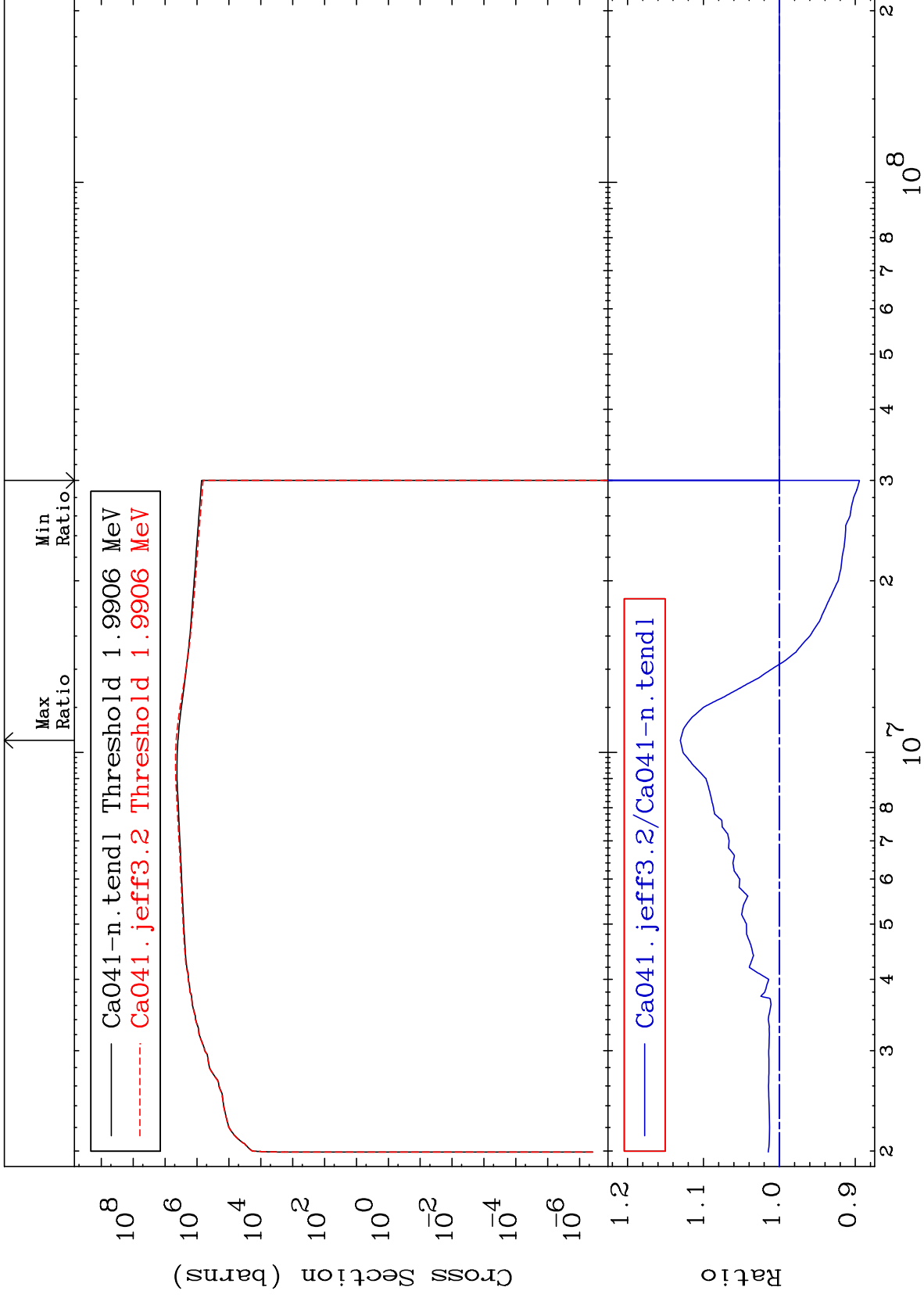
20-Ca-41
-75.97 To 35.07 %

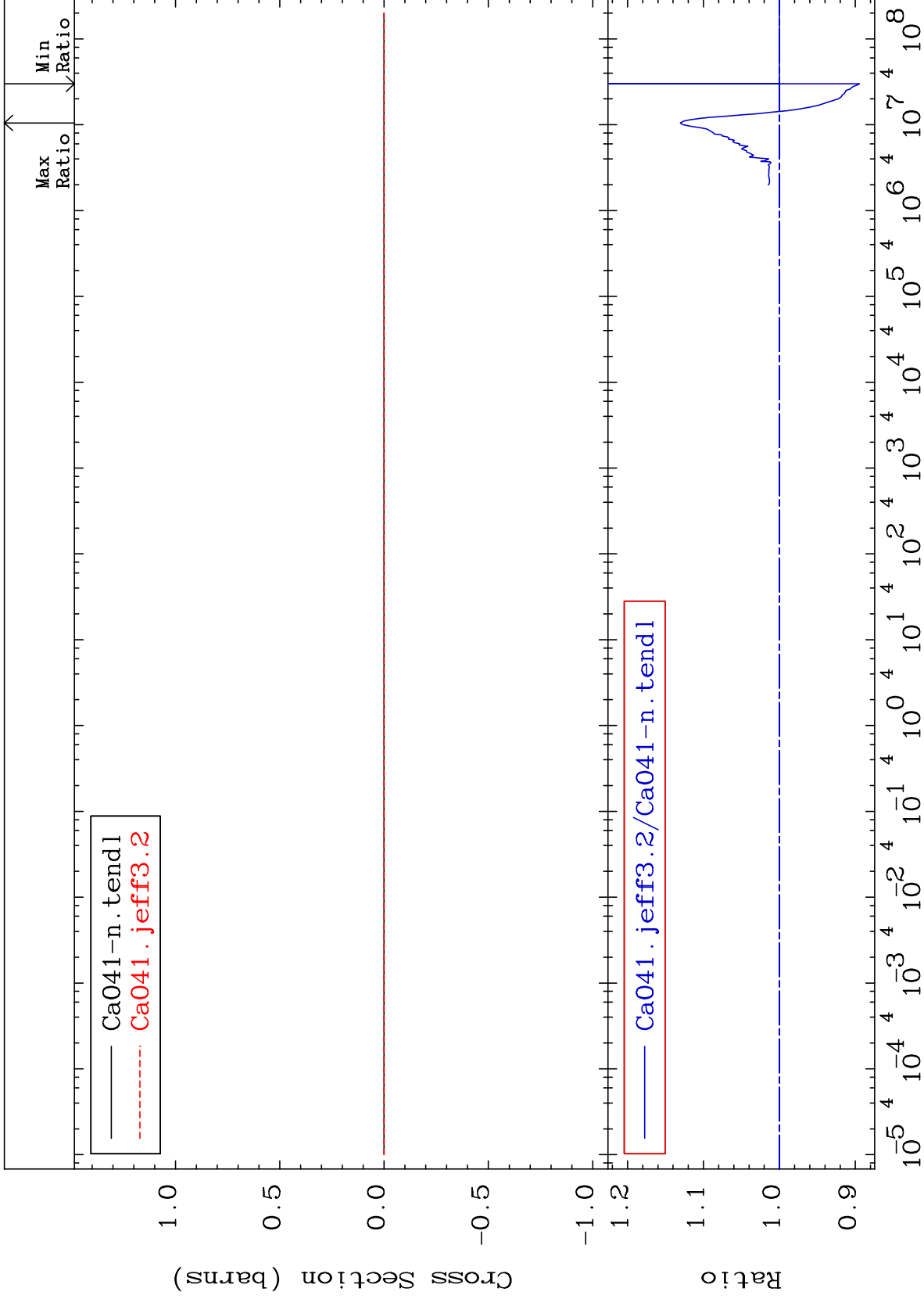


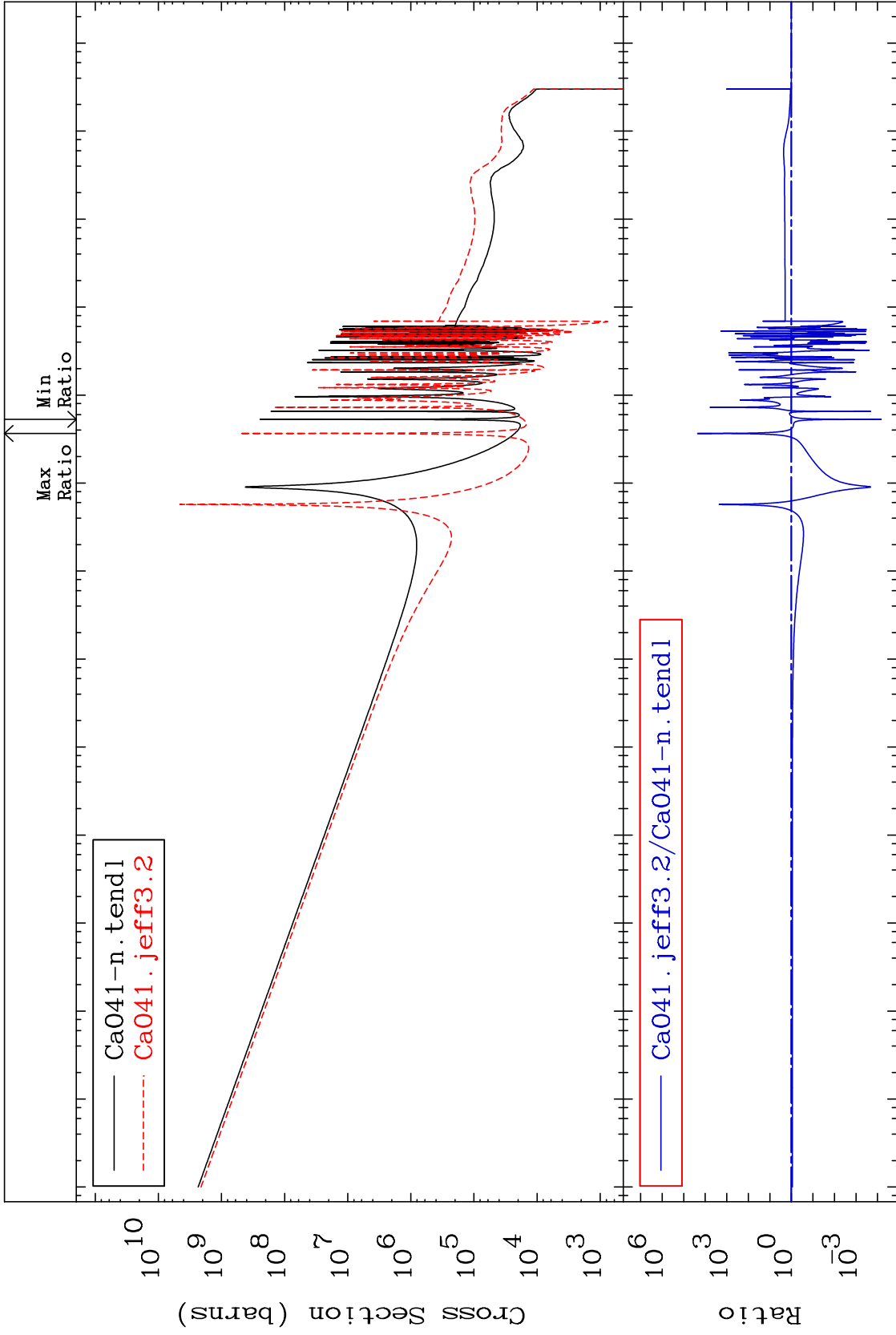


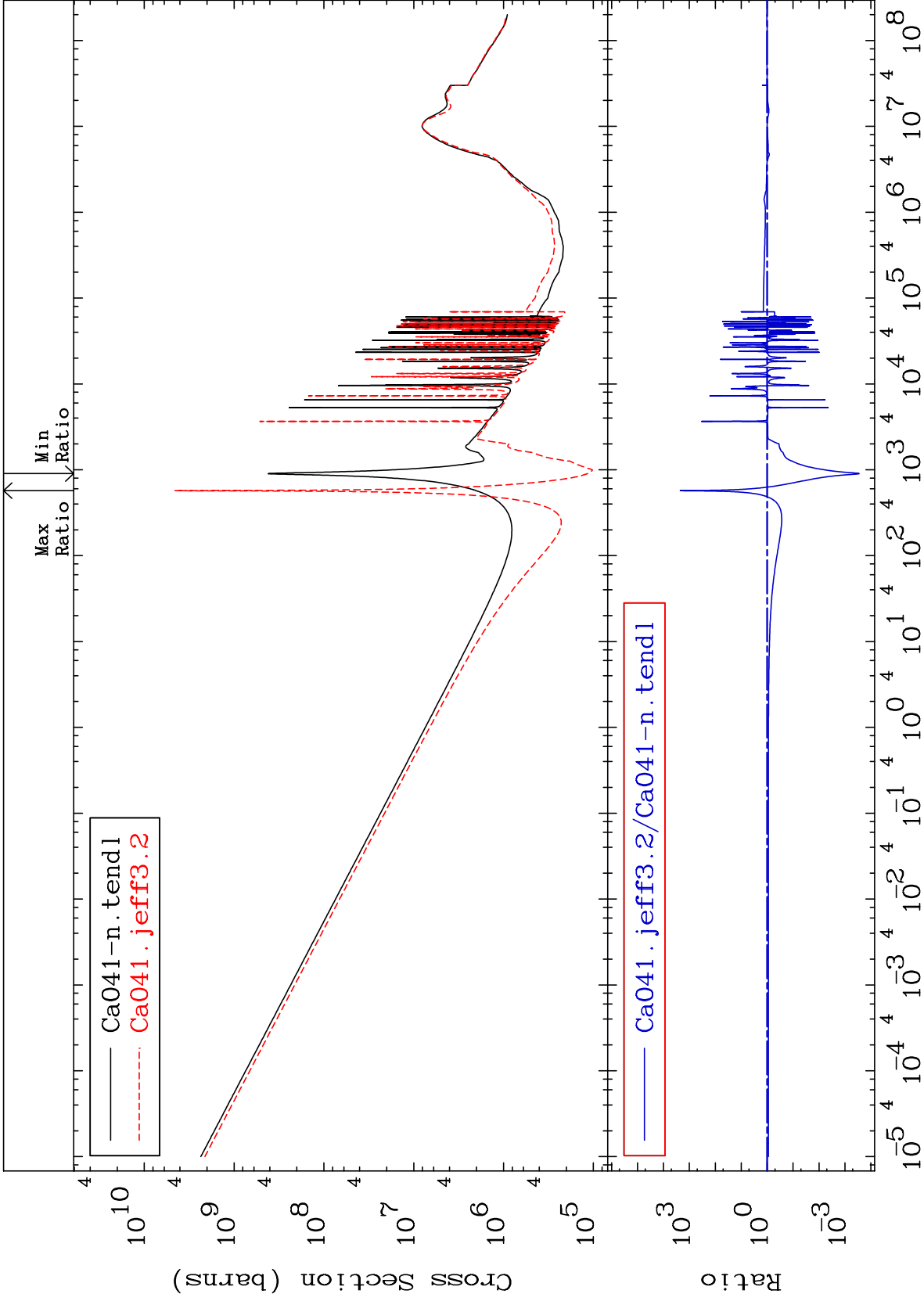


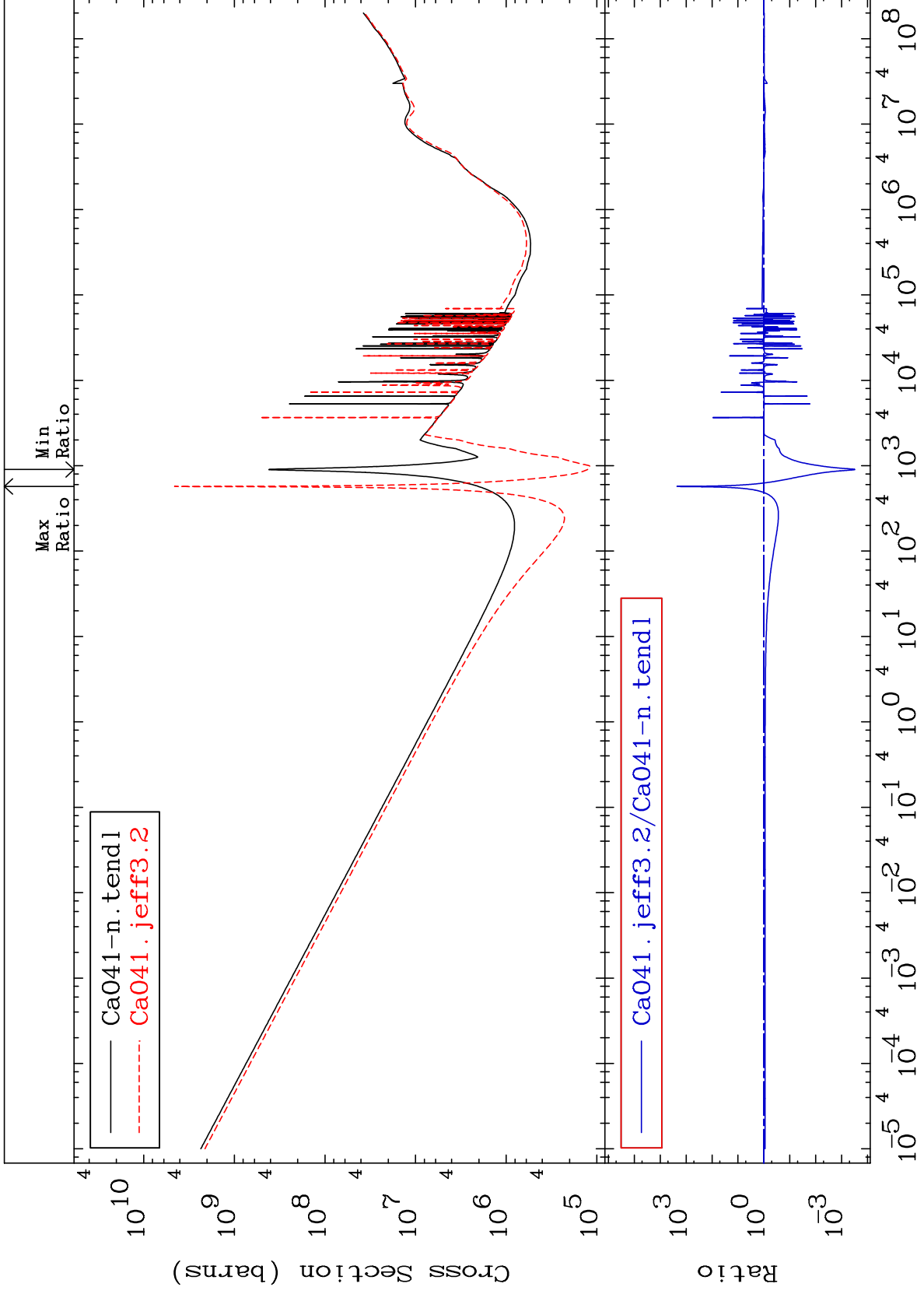


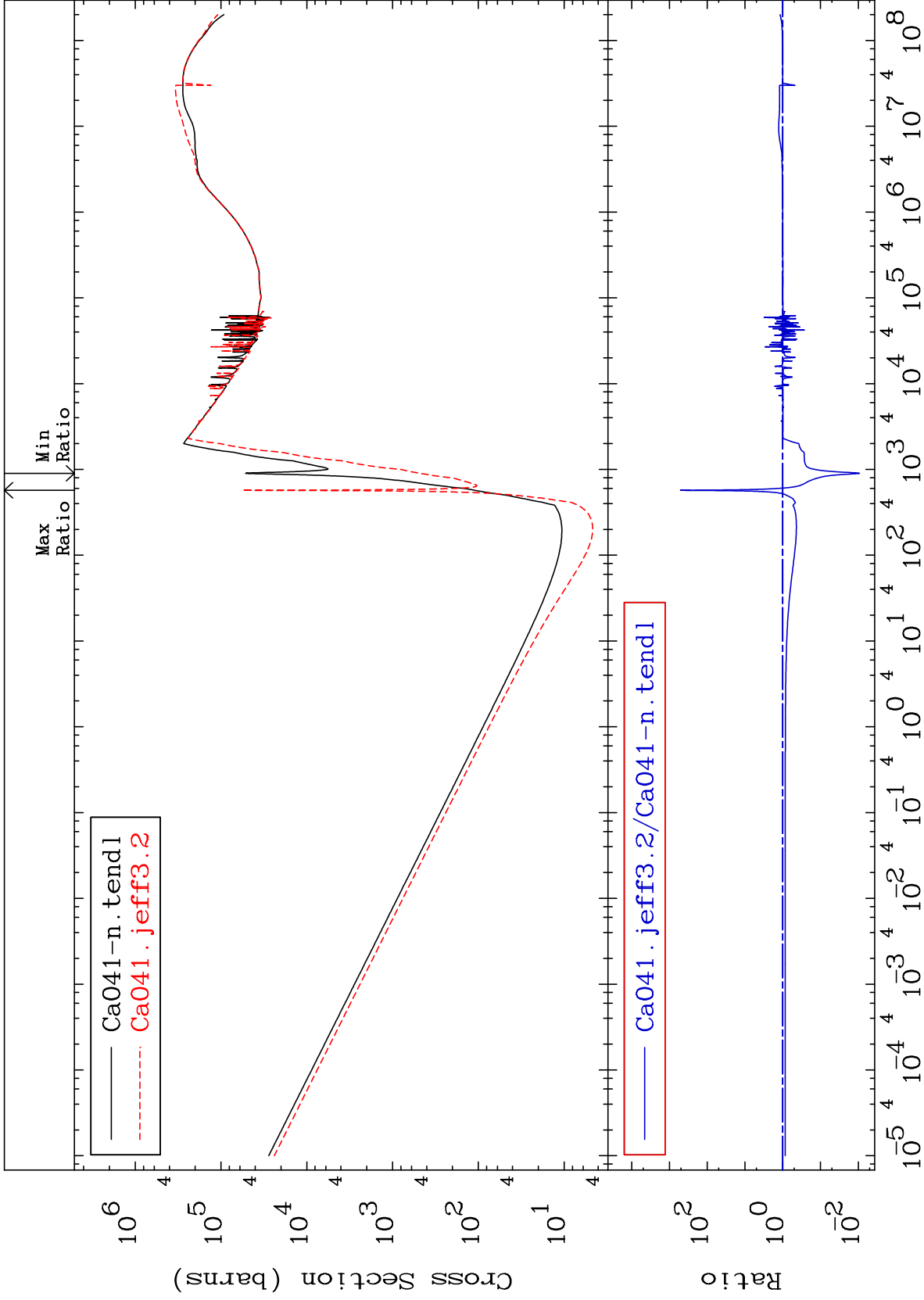


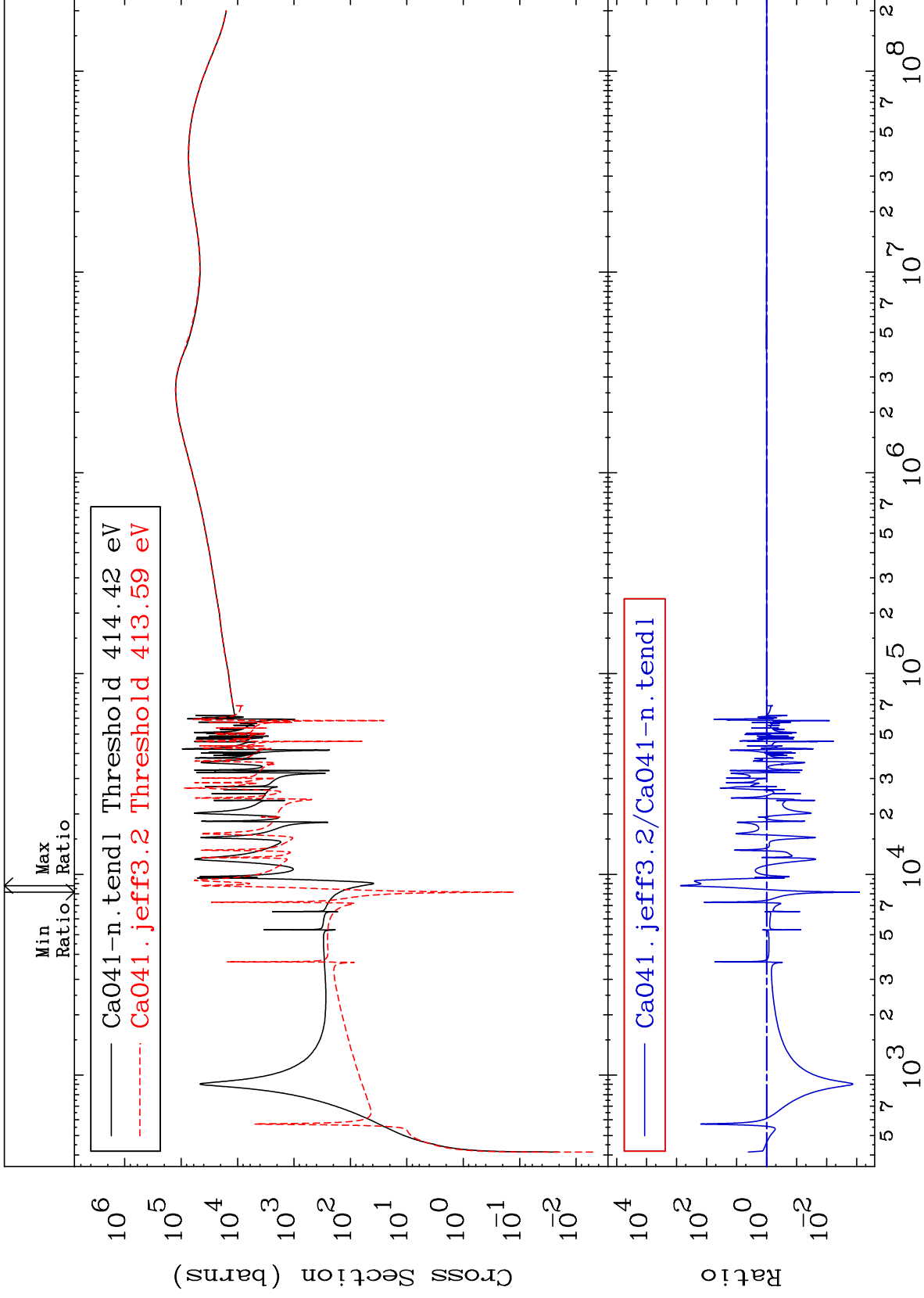


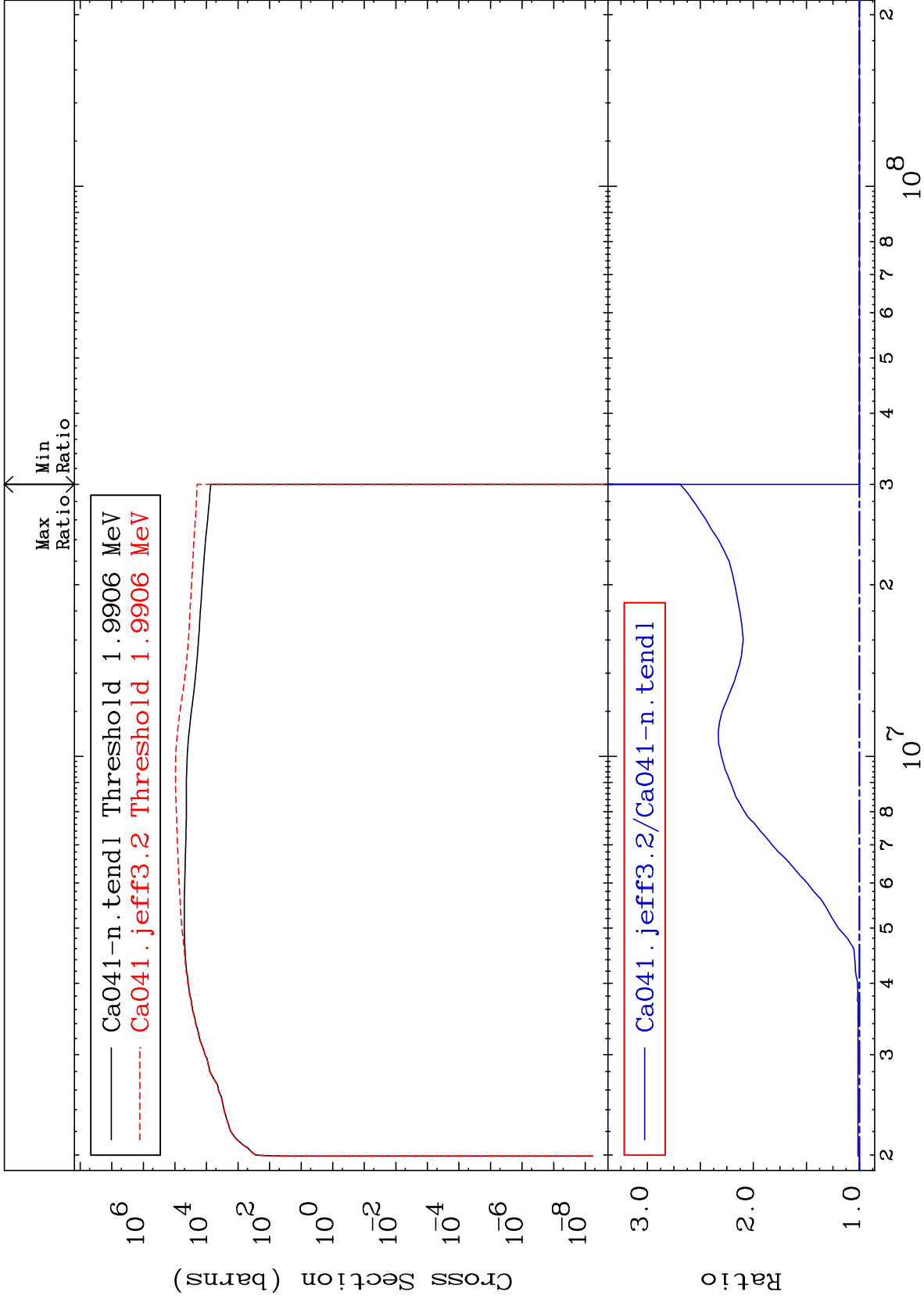


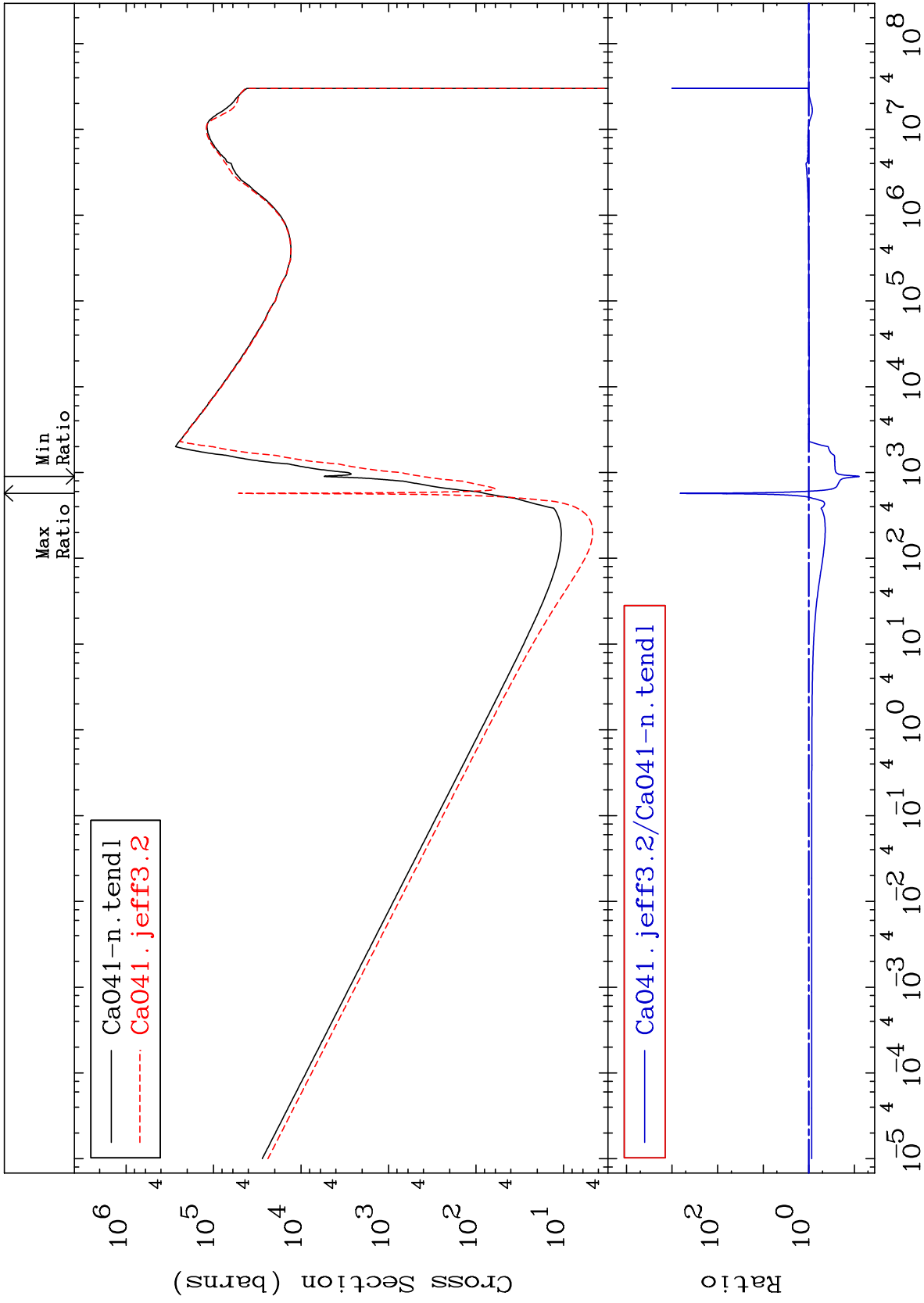










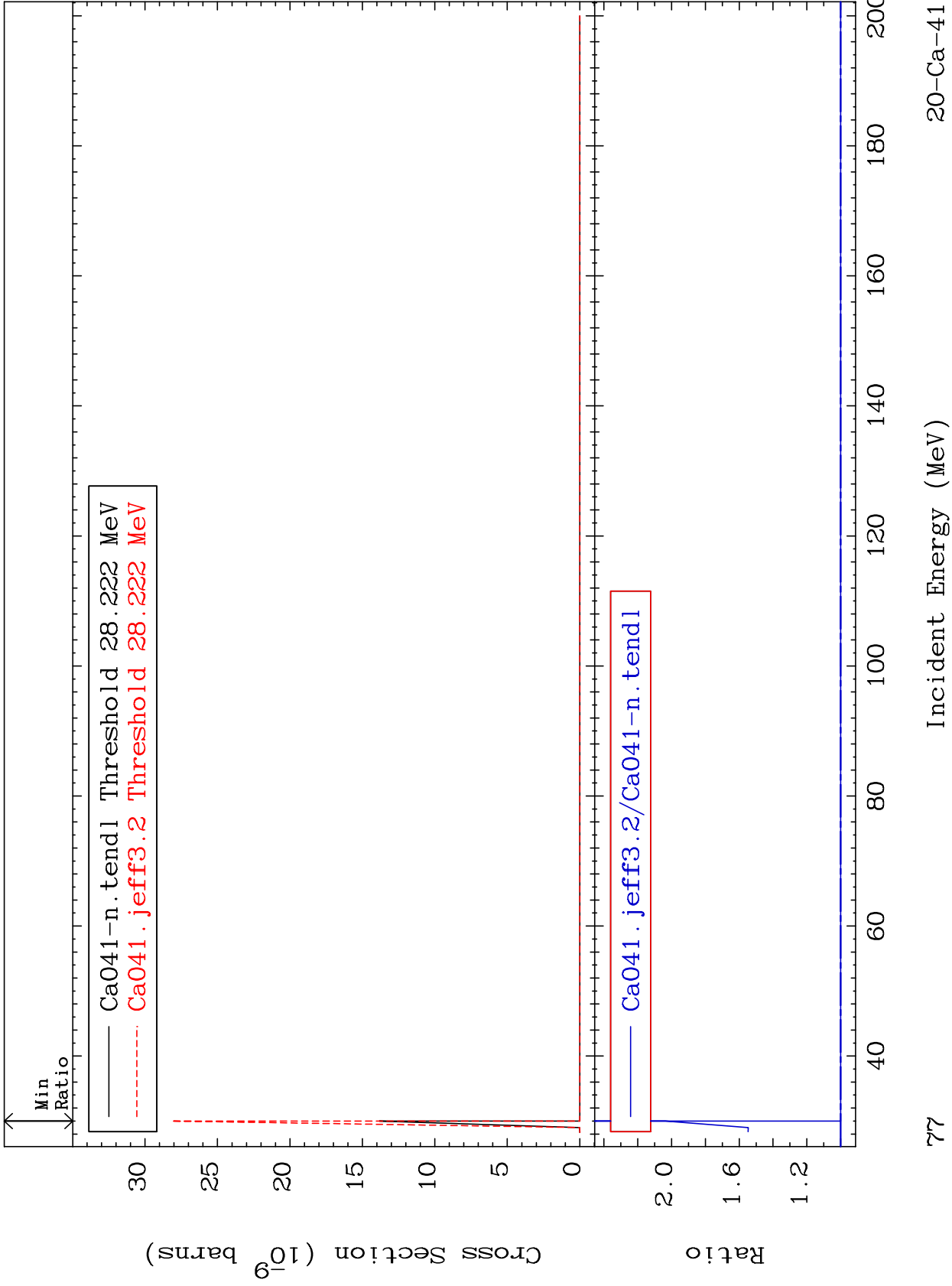


MAT 2028

(n,2n) d:19-K -38g

20-Ca-41

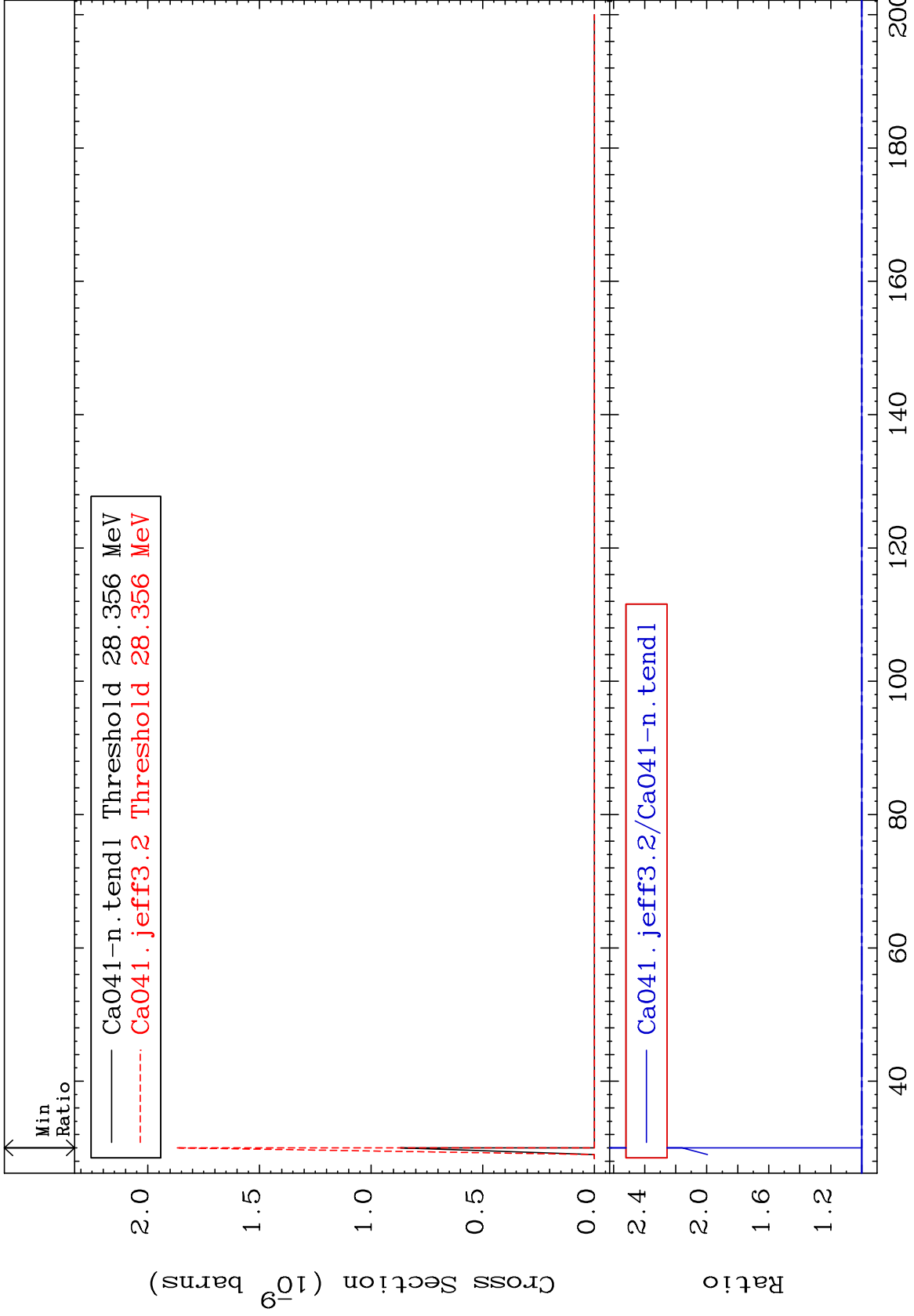
Radionuclide Production Cross Section 0.000 To 103.6 %

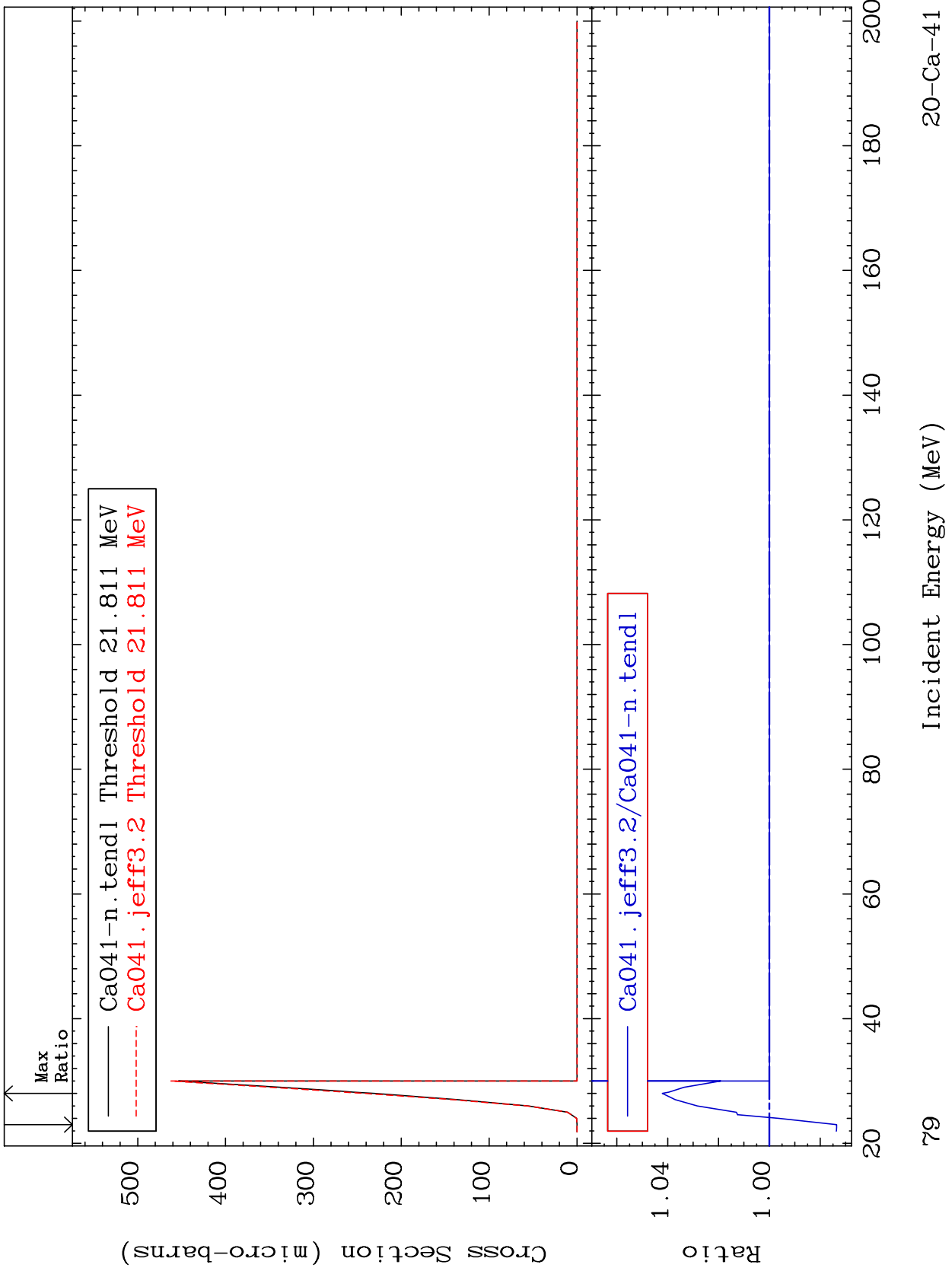


77

20-Ca-41

Radionuclide Production Cross Section 0.000 To 115.8 %





MAT 2028

(n, n') t:19-K -38m1

20-Ca-41

Radionuclide Production Cross Section 0.000 To 10.81 %

