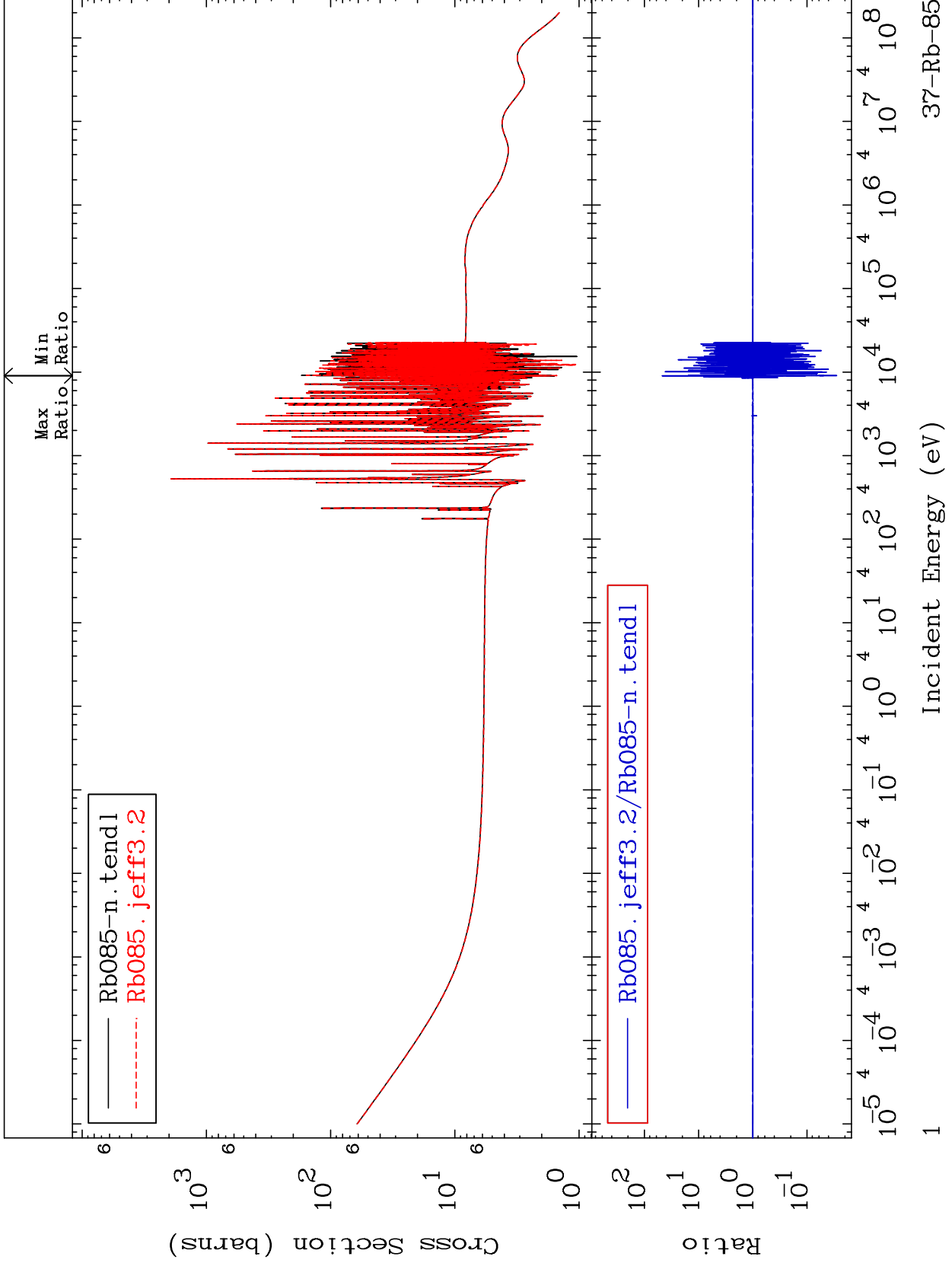


MAT 3725

Total
Cross Section

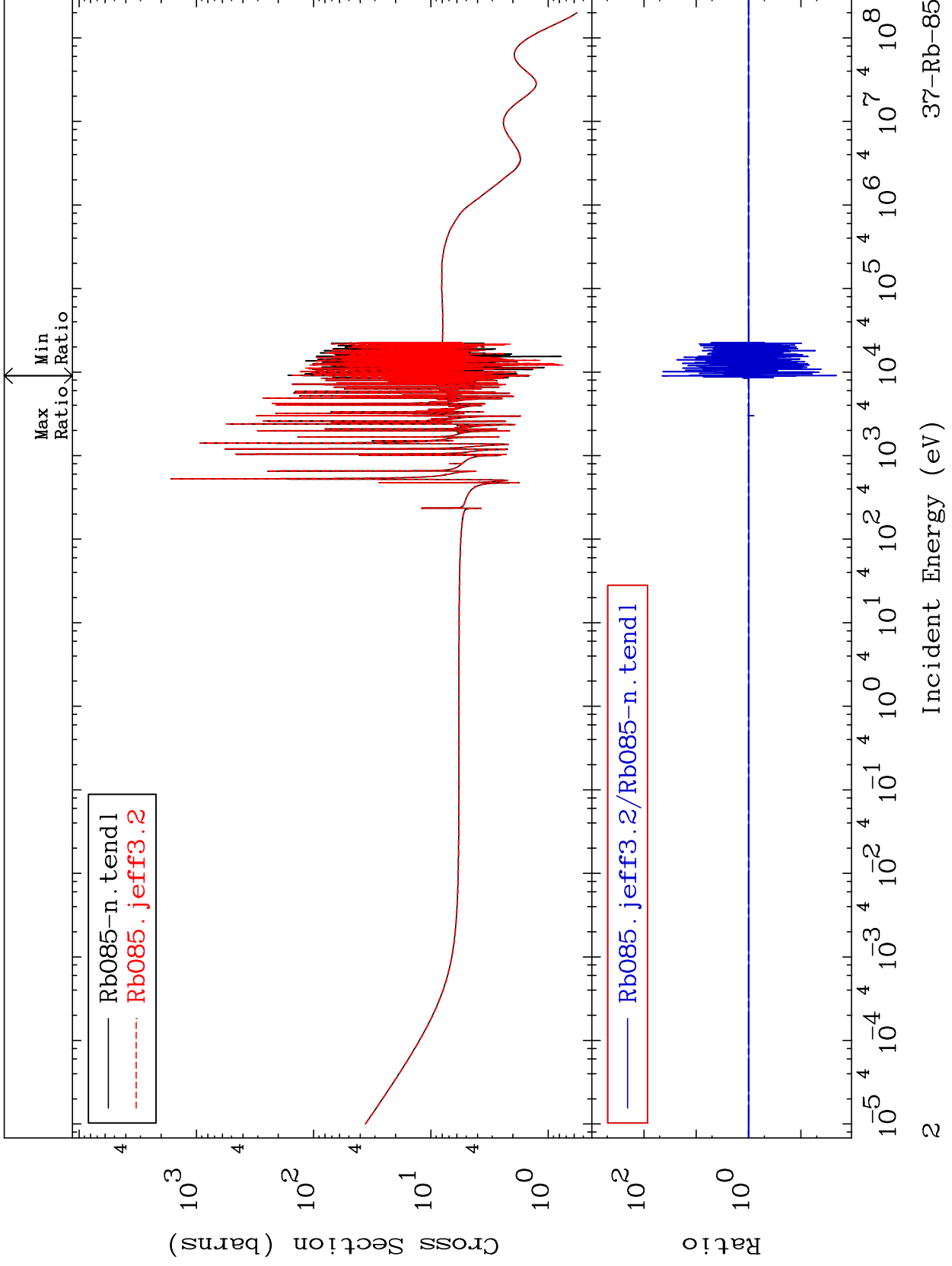
37-Rb-85
-97.16 To 4570. %



MAT 3725

Elastic
Cross Section

37-Rb-85
-97.92 To 4352. %

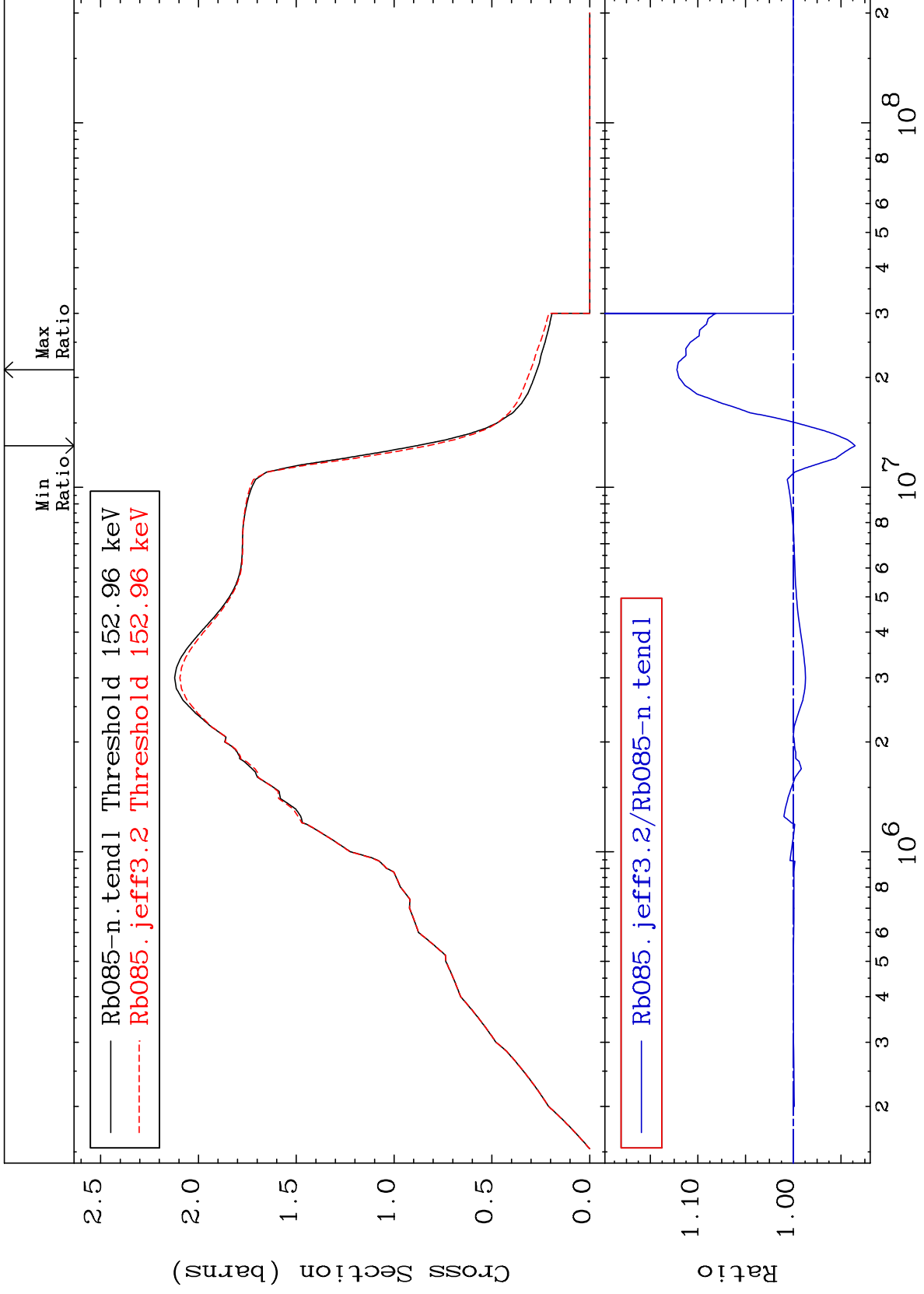


37-Rb-85

MAT 3725

Inelastic
Cross Section

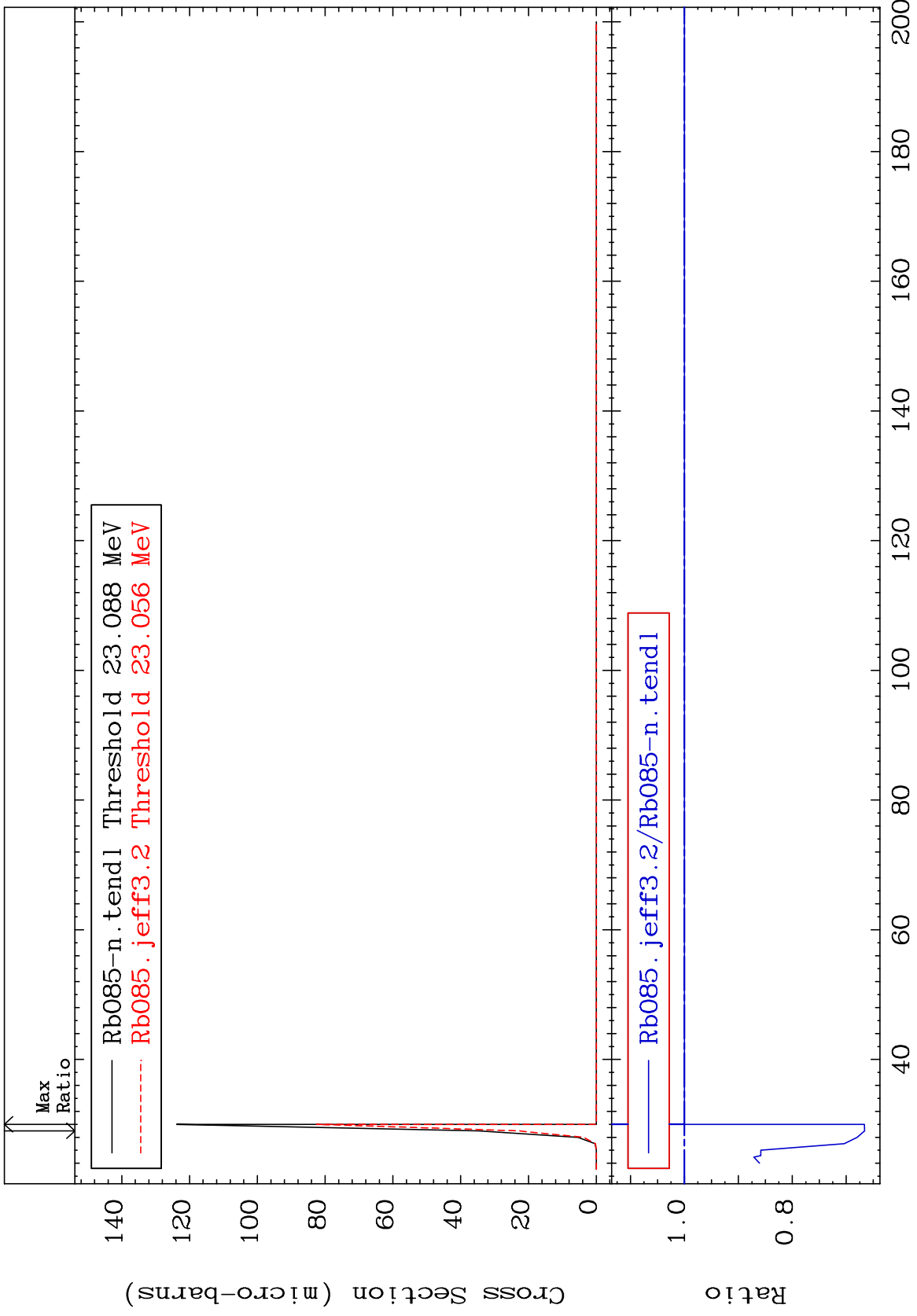
37-Rb-85
-6.485 To 12.20 %



MAT 3725

(n,2n) d
Cross Section

37-Rb-85
-33.41 To 0.000 %



MAT 3725

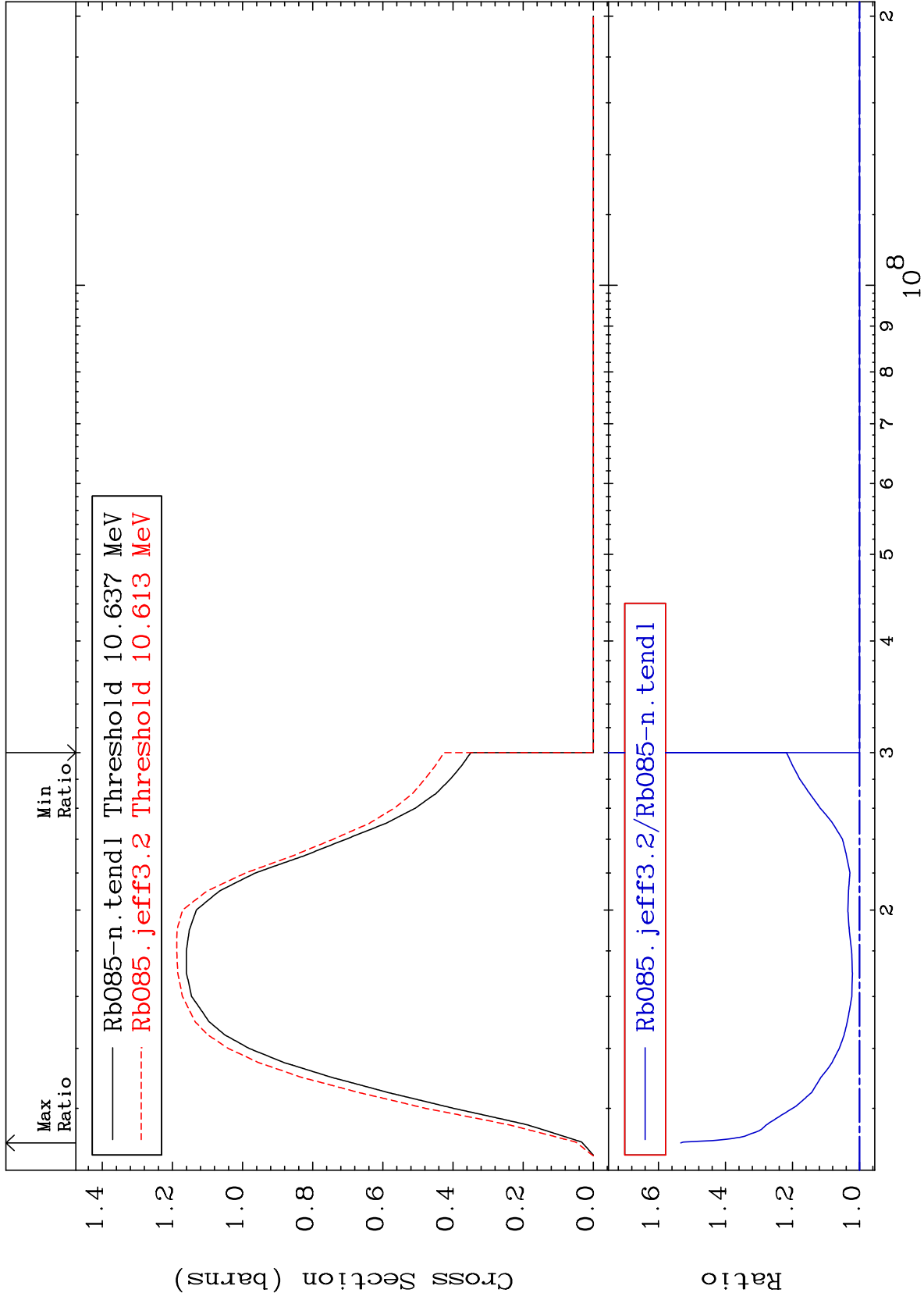
(n,2n)

³⁷Rb-85

Cross Section

0.000

To 53.37 %



MAT 3725

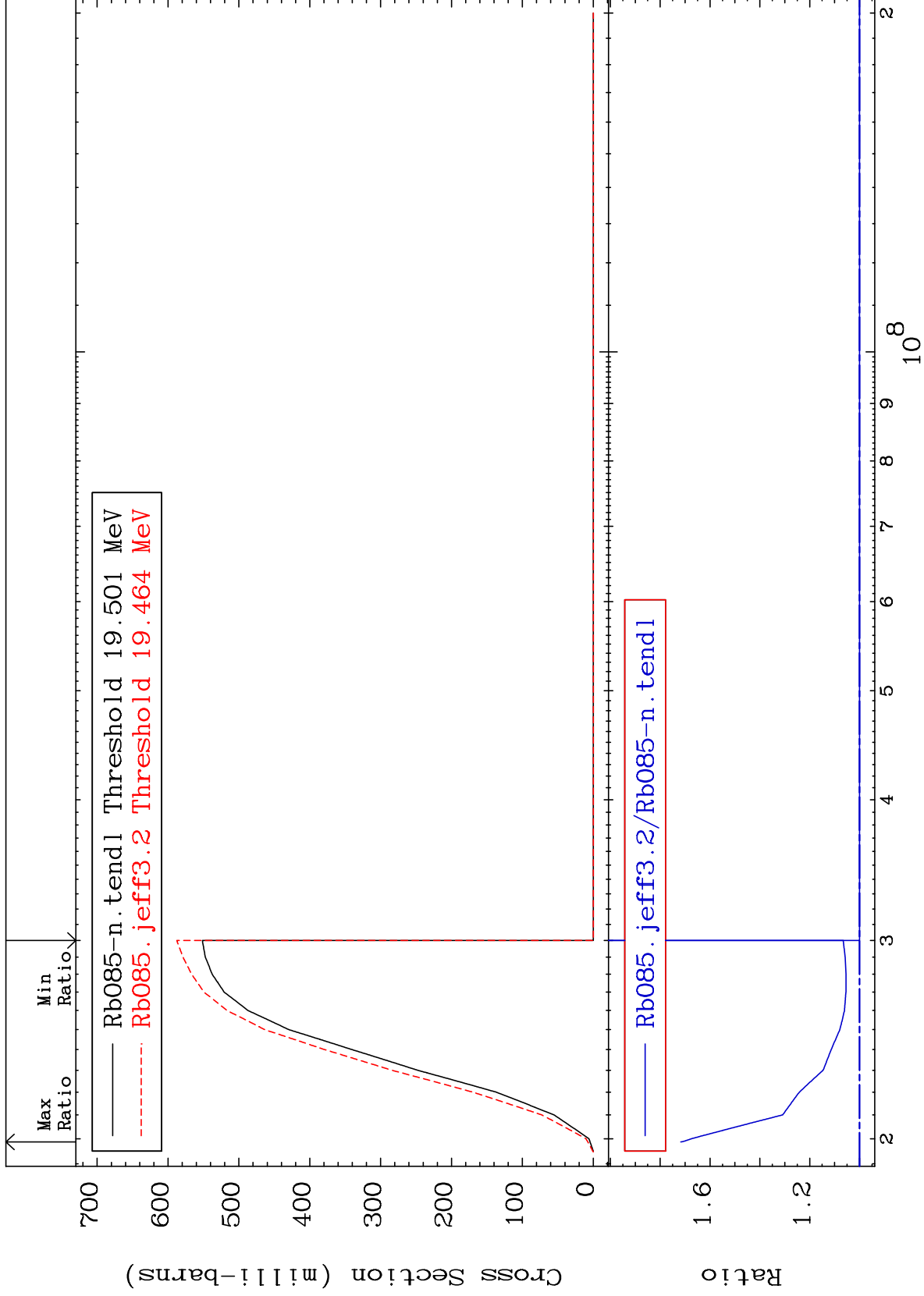
(n,3n)

³⁷Rb-85

Cross Section

0.000

To 71.73 %



6

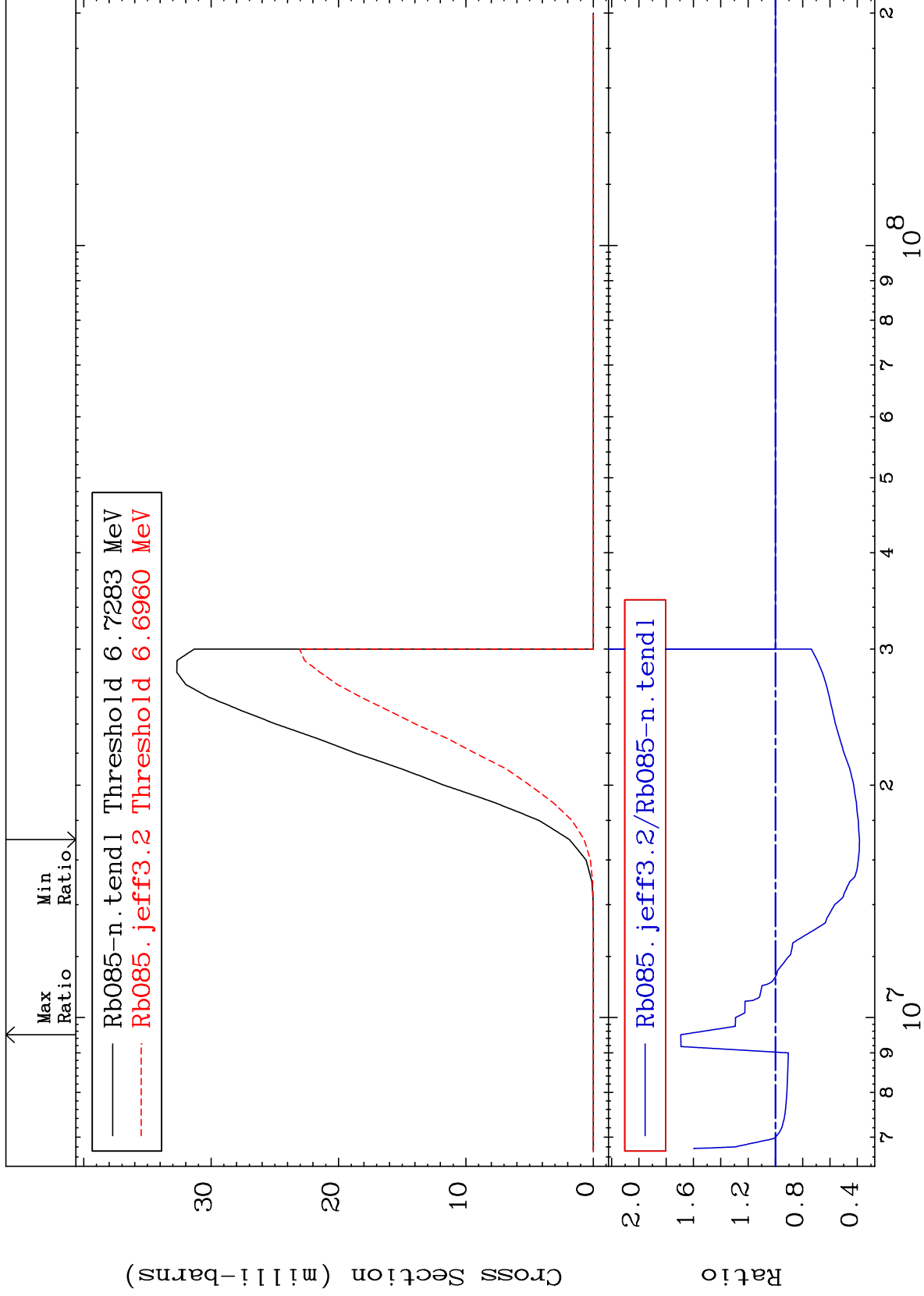
Incident Energy (eV)

³⁷Rb-85

MAT 3725

(n, n') α
Cross Section

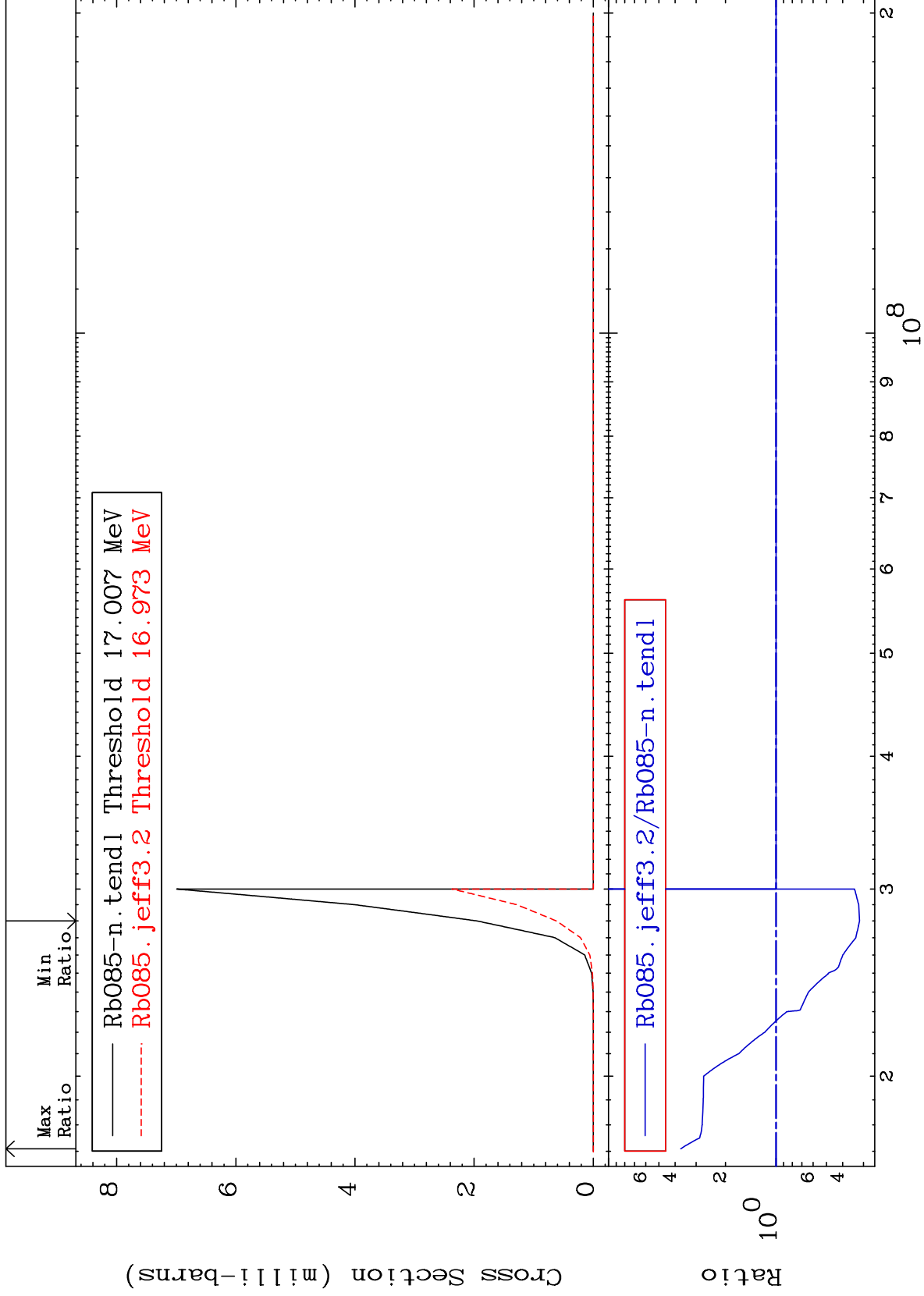
37-Rb-85
-61.64 To 69.29 %



MAT 3725

(n,2n) α
Cross Section

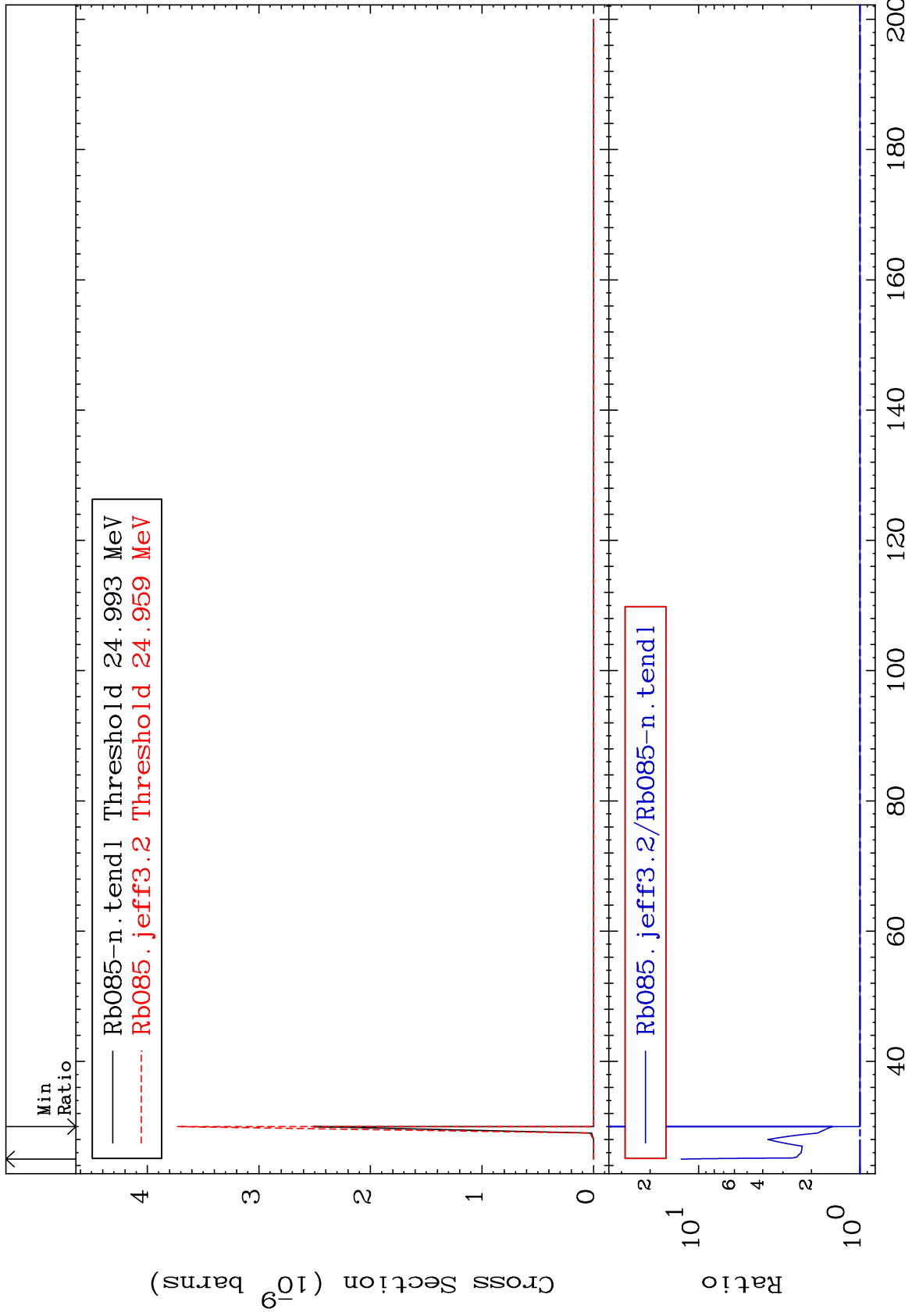
37-Rb-85
-68.31 To 270.4 %



MAT 3725

(n,3n) α
Cross Section

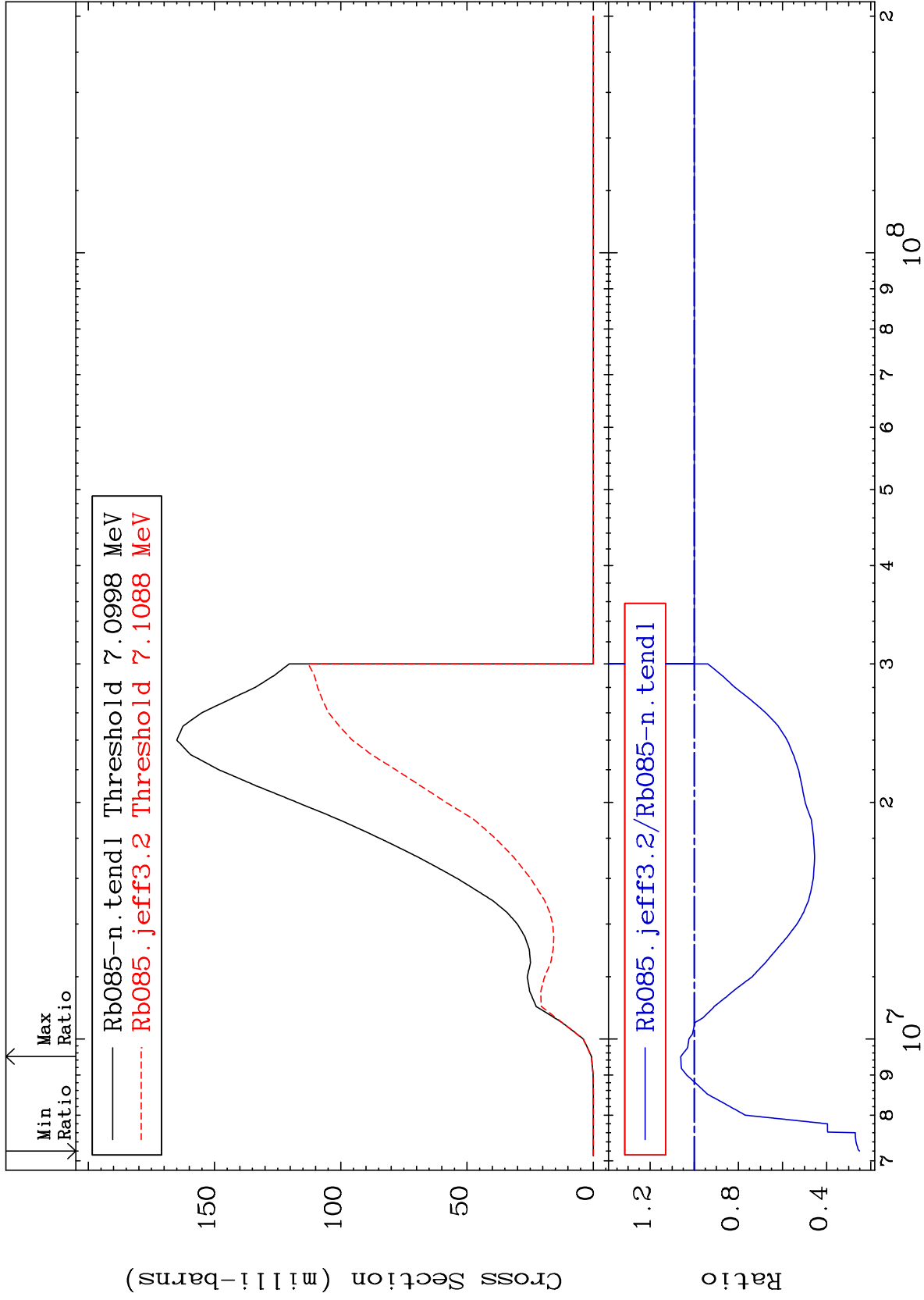
37-Rb-85
0.000 To 1182. %



MAT 3725

(n,n') p
Cross Section

37-Rb-85
-74.92 To 6.089 %



10

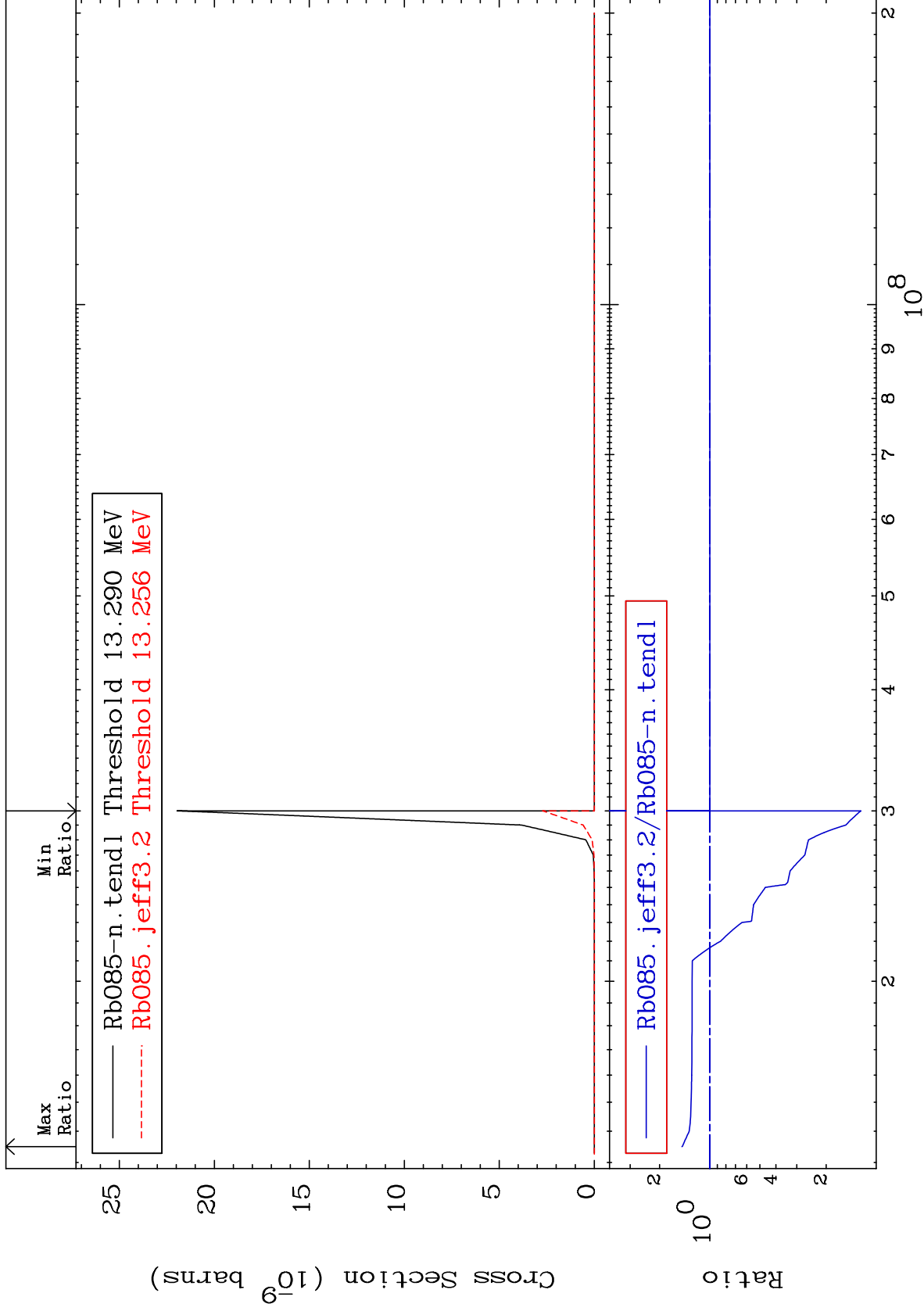
37-Rb-85

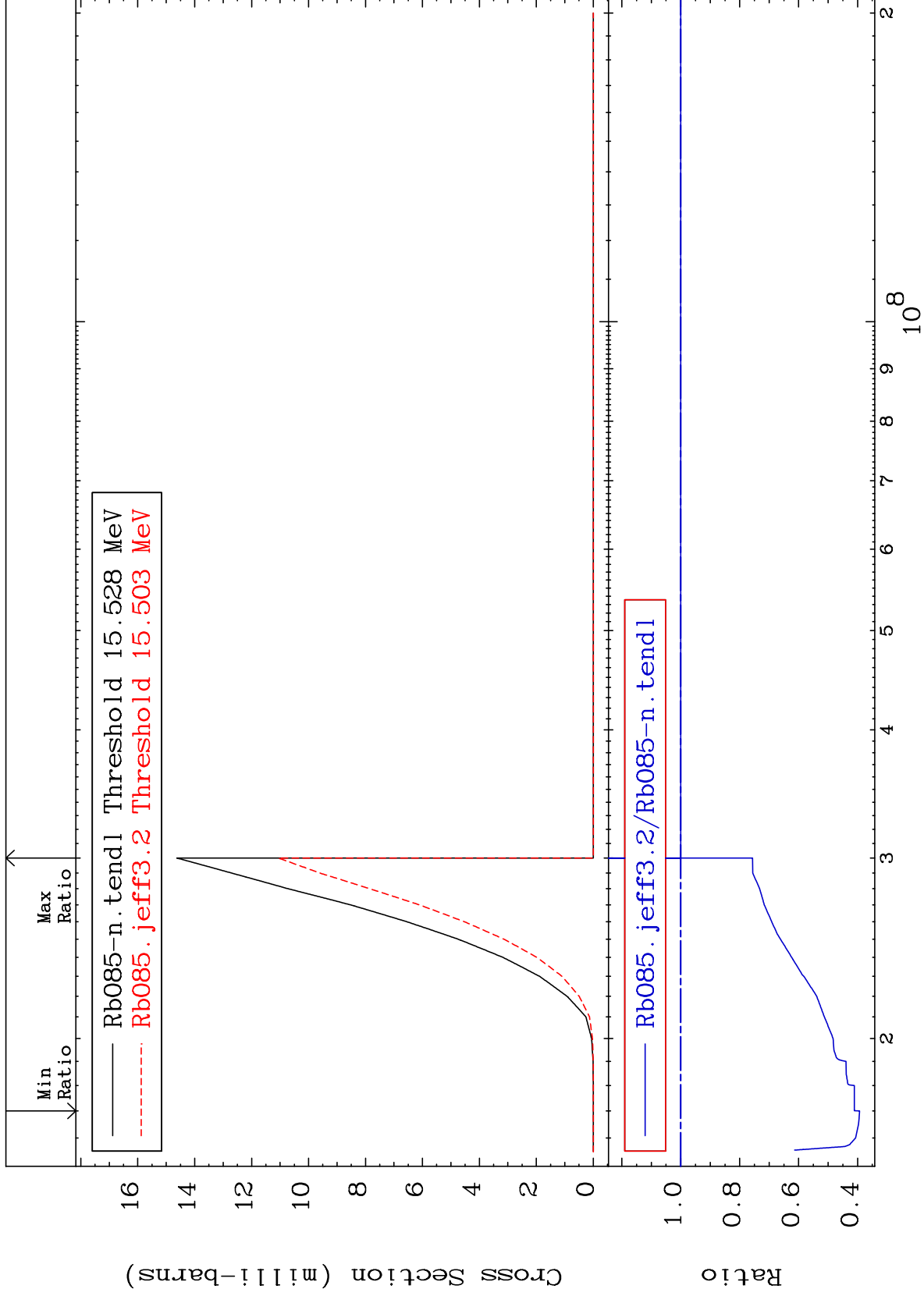
37-Rb-85

MAT 3725

(n, n') 2α
Cross Section

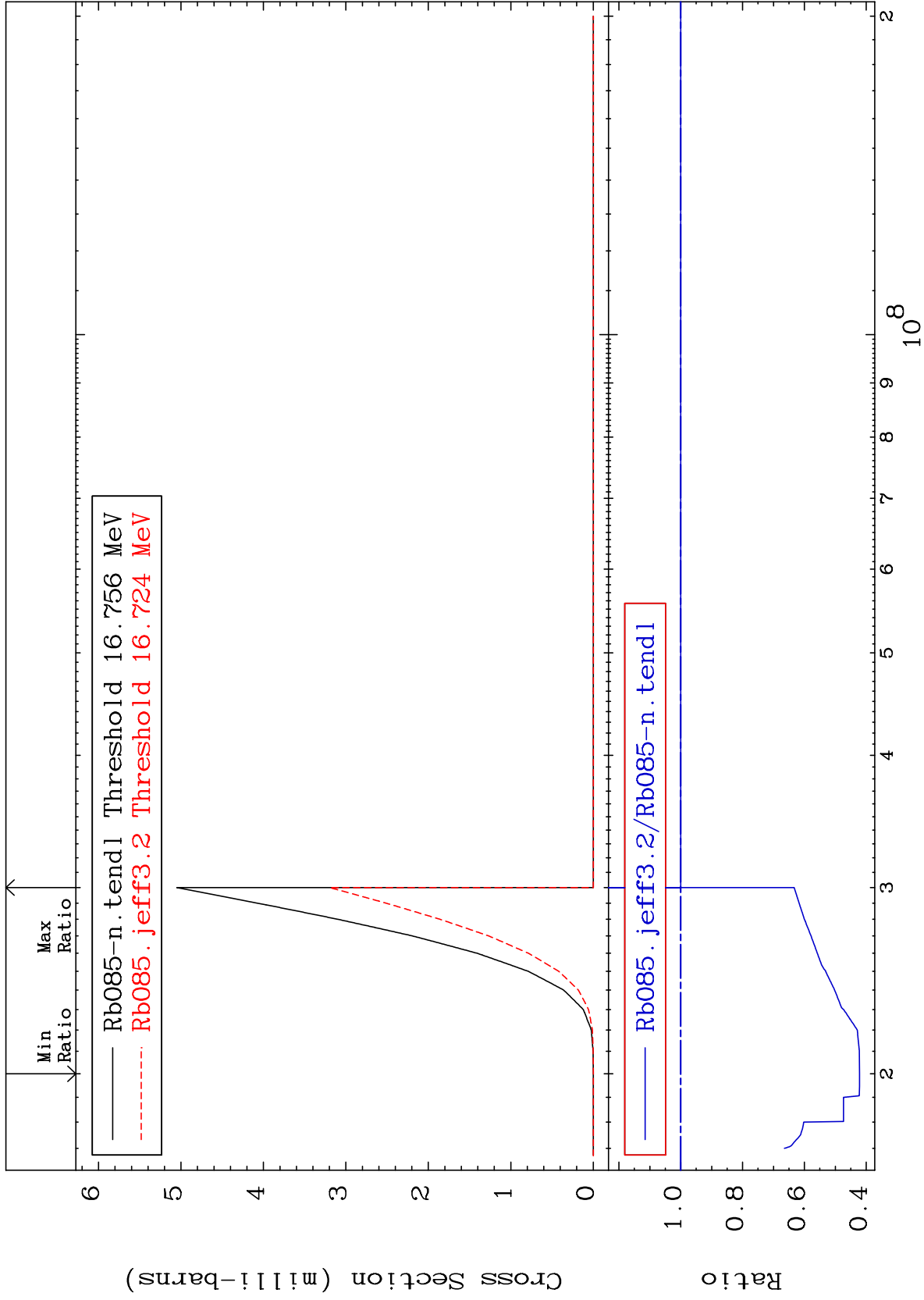
37-Rb-85
-87.64 To 46.83 %





Cross Section

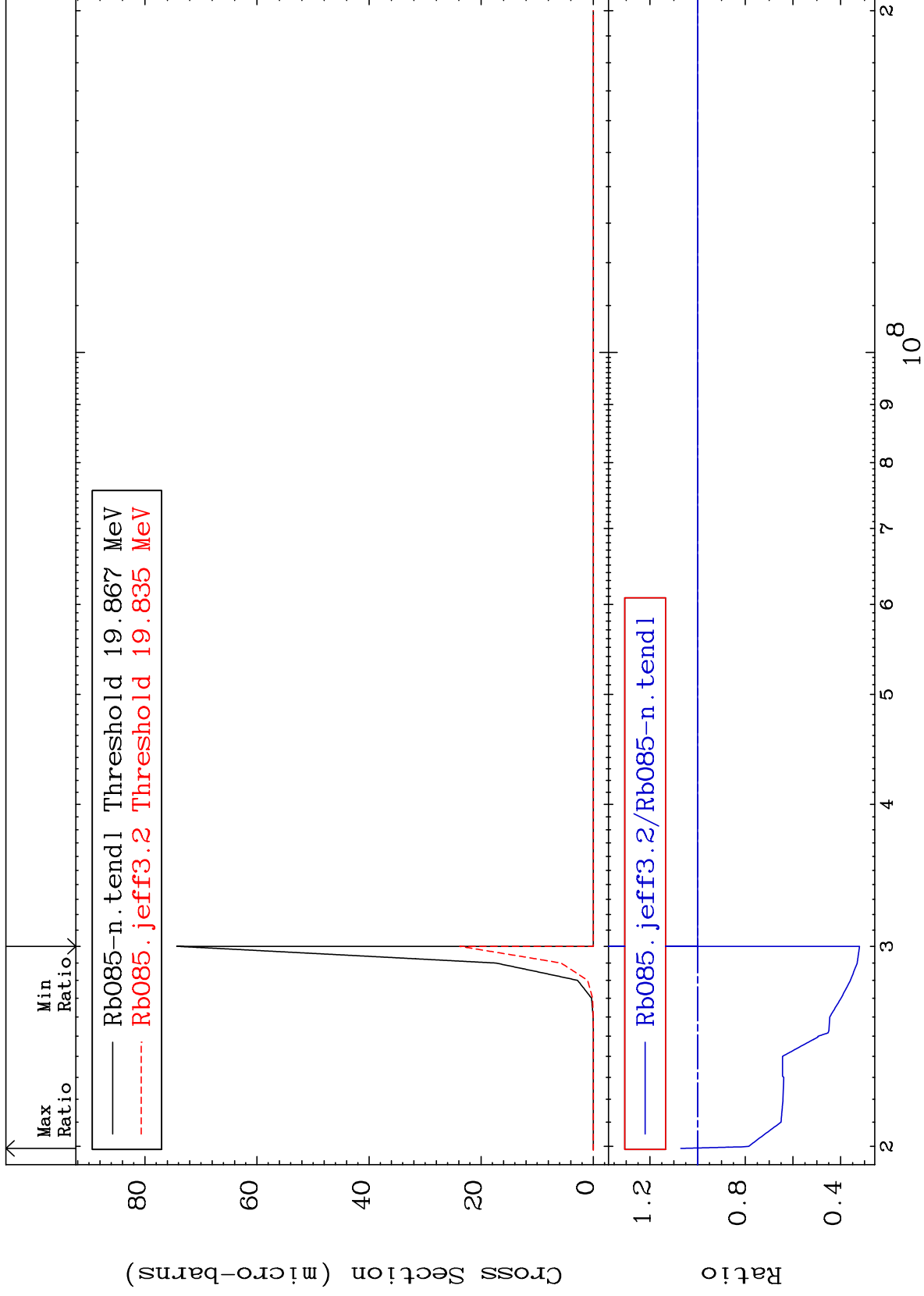
-57.83 To 0.000 %



MAT 3725

(n, n') He-3
Cross Section

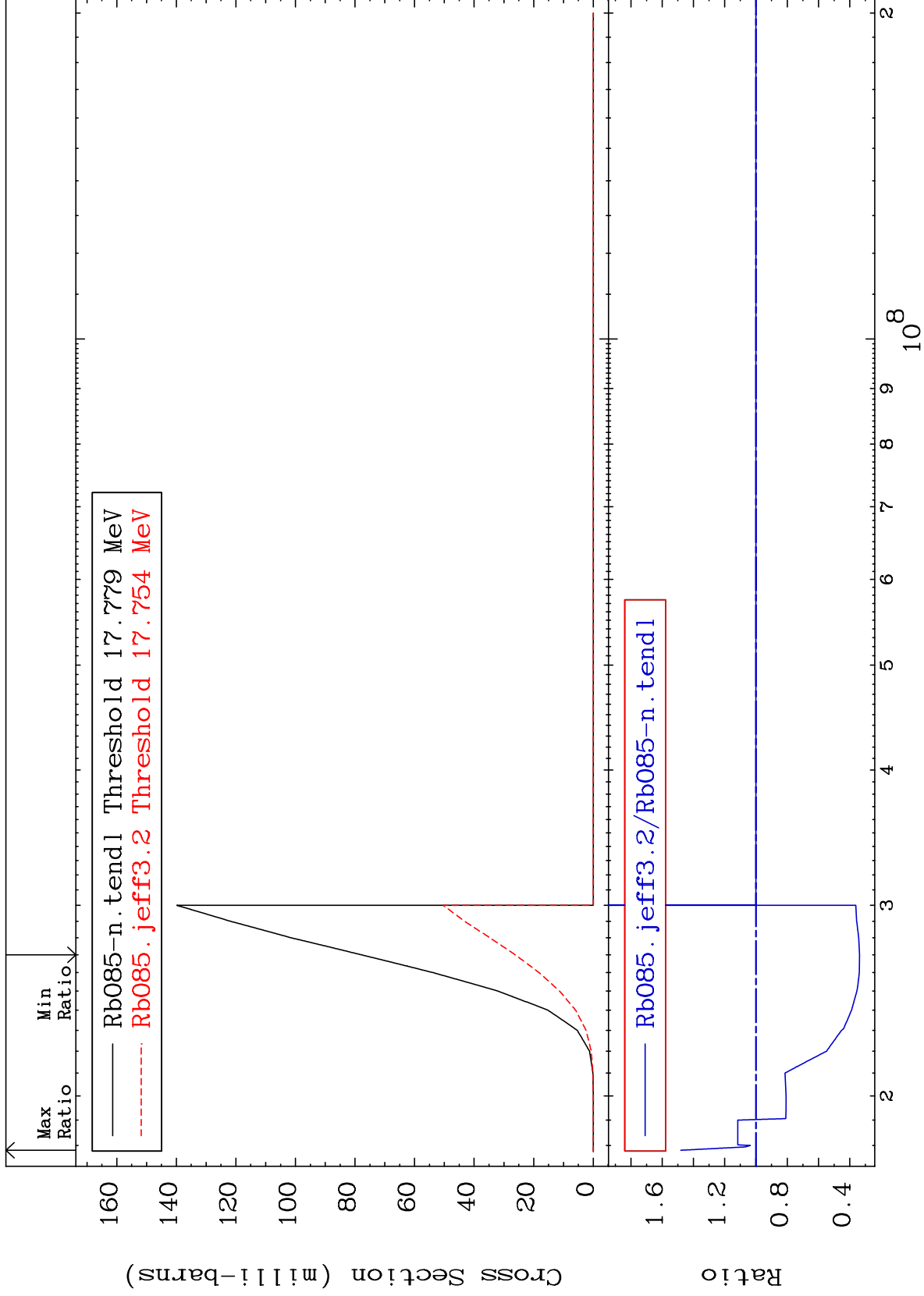
37-Rb-85
-67.91 To 7.069 %



MAT 3725

(n,2n) p
Cross Section

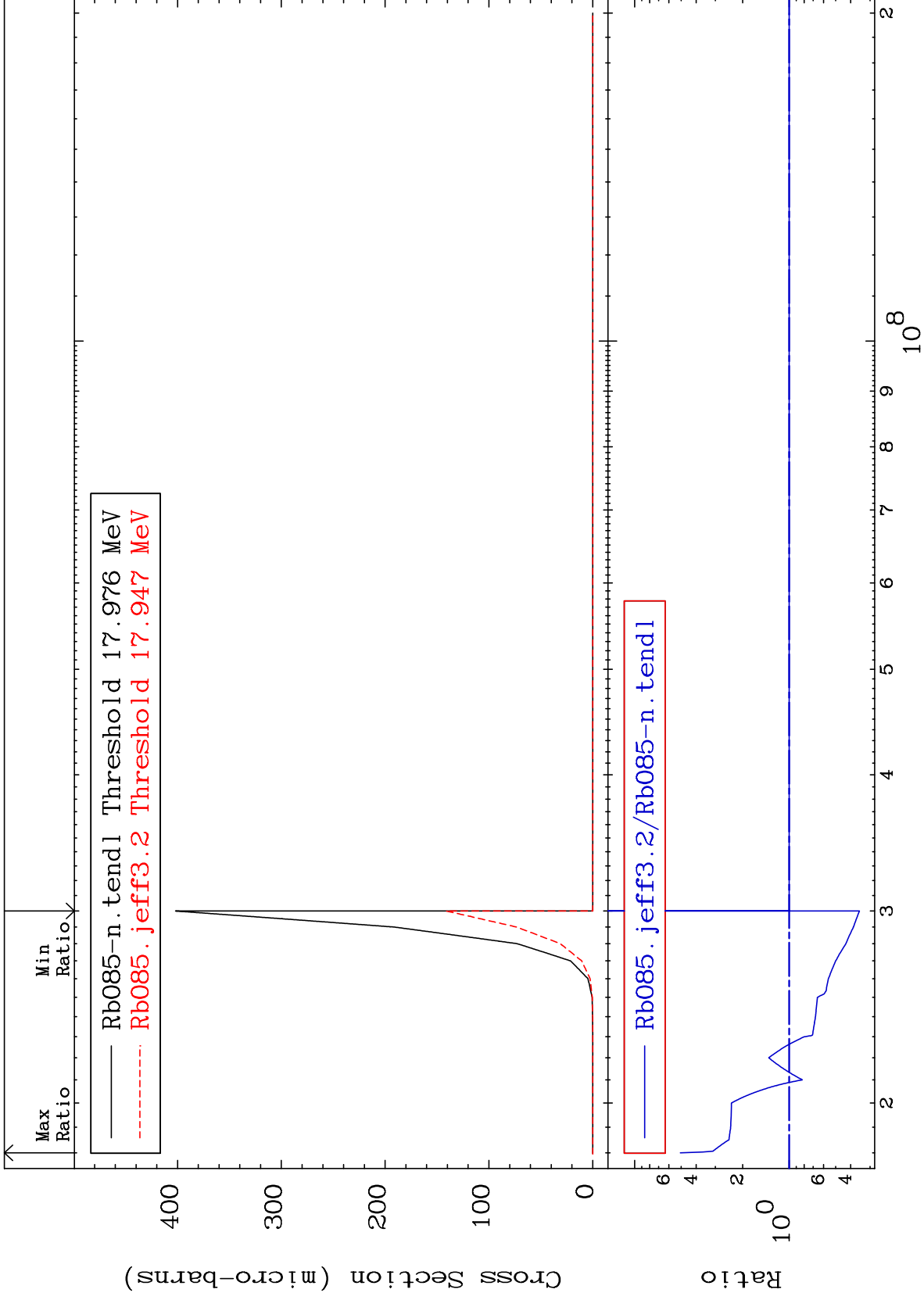
³⁷Rb-85
-66.32 To 48.15 %

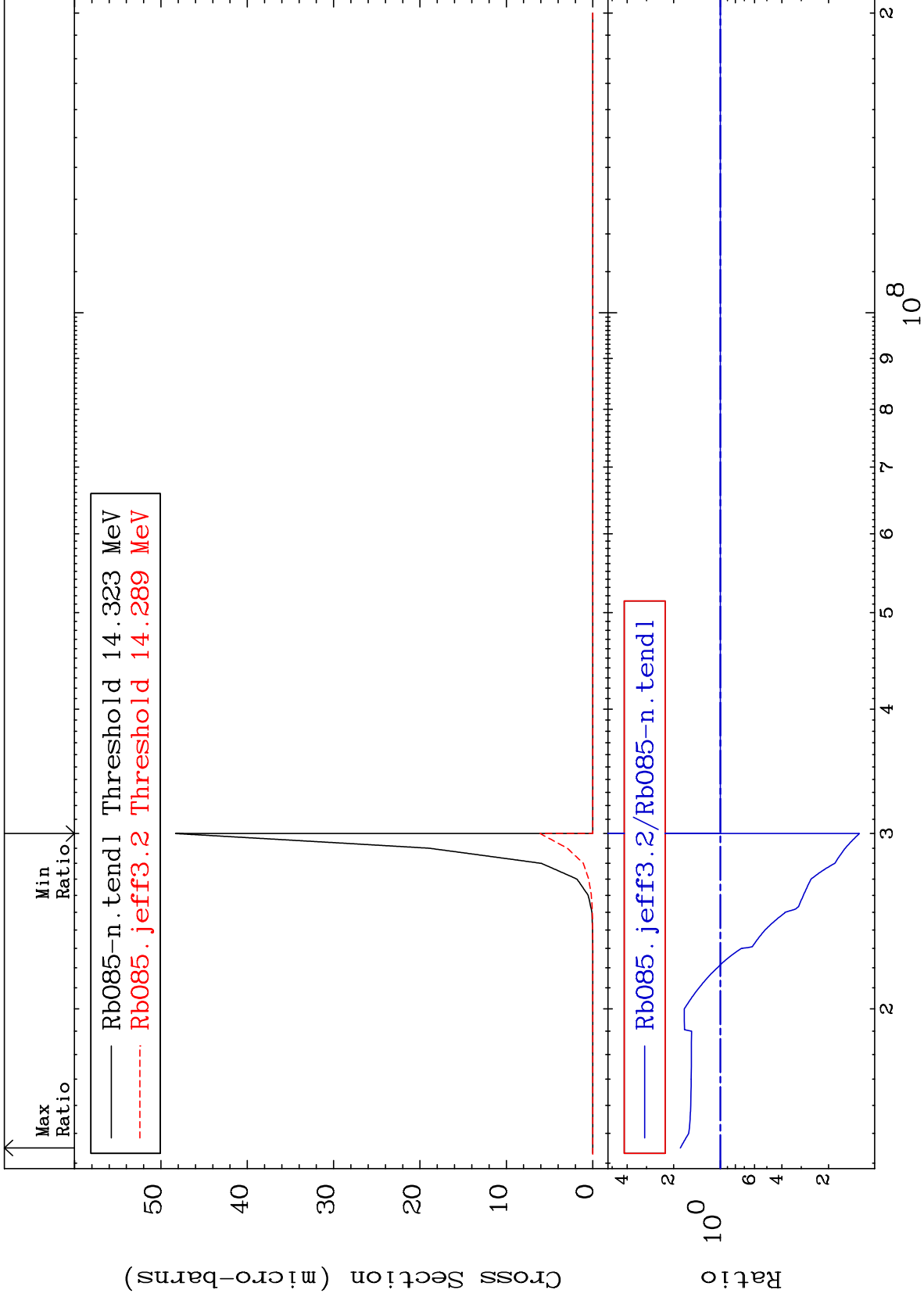


MAT 3725

(n,2n) p
Cross Section

37-Rb-85
-64.89 To 406.0 %

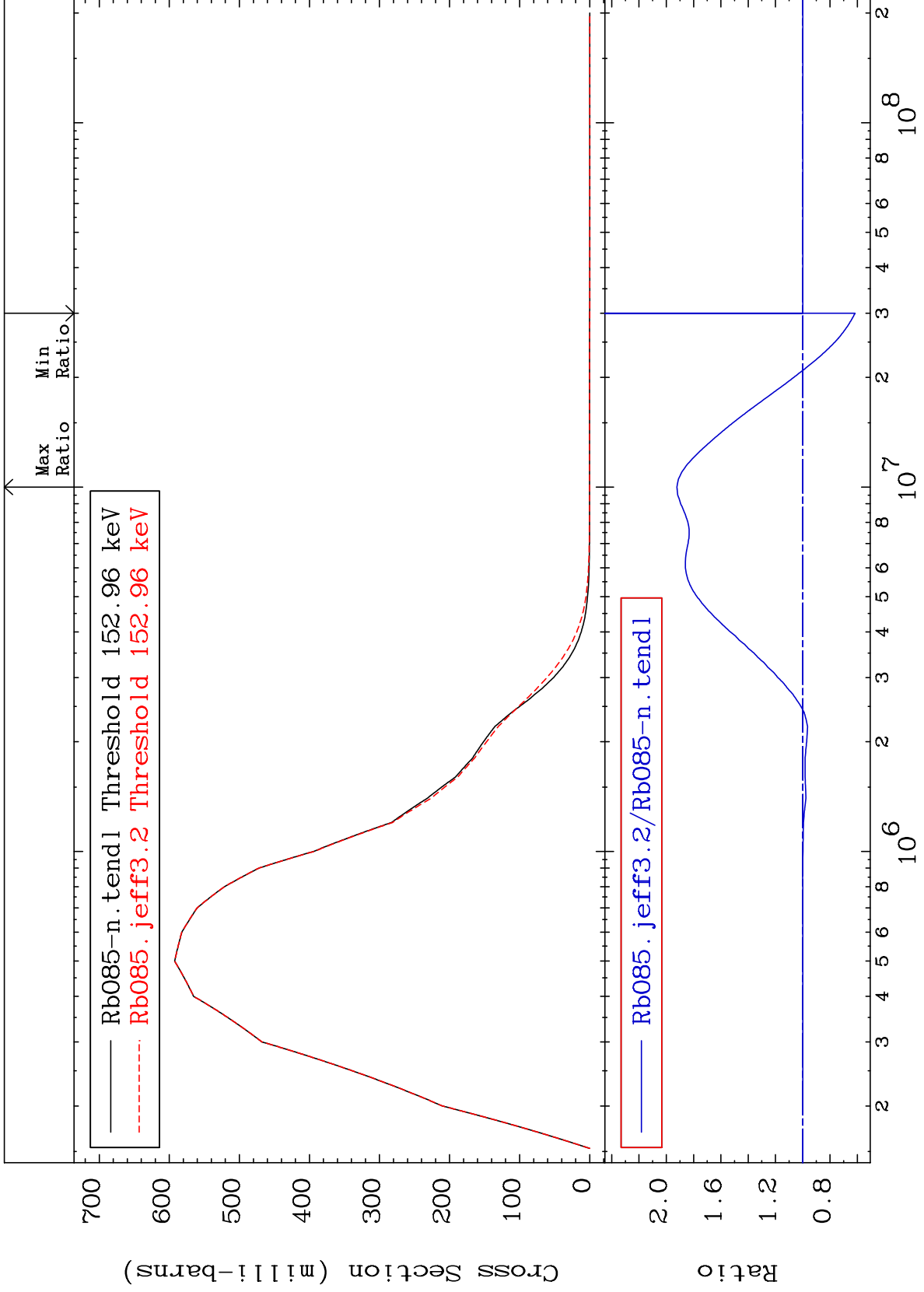




MAT 3725

151.2 keV (n,n') Level
Cross Section

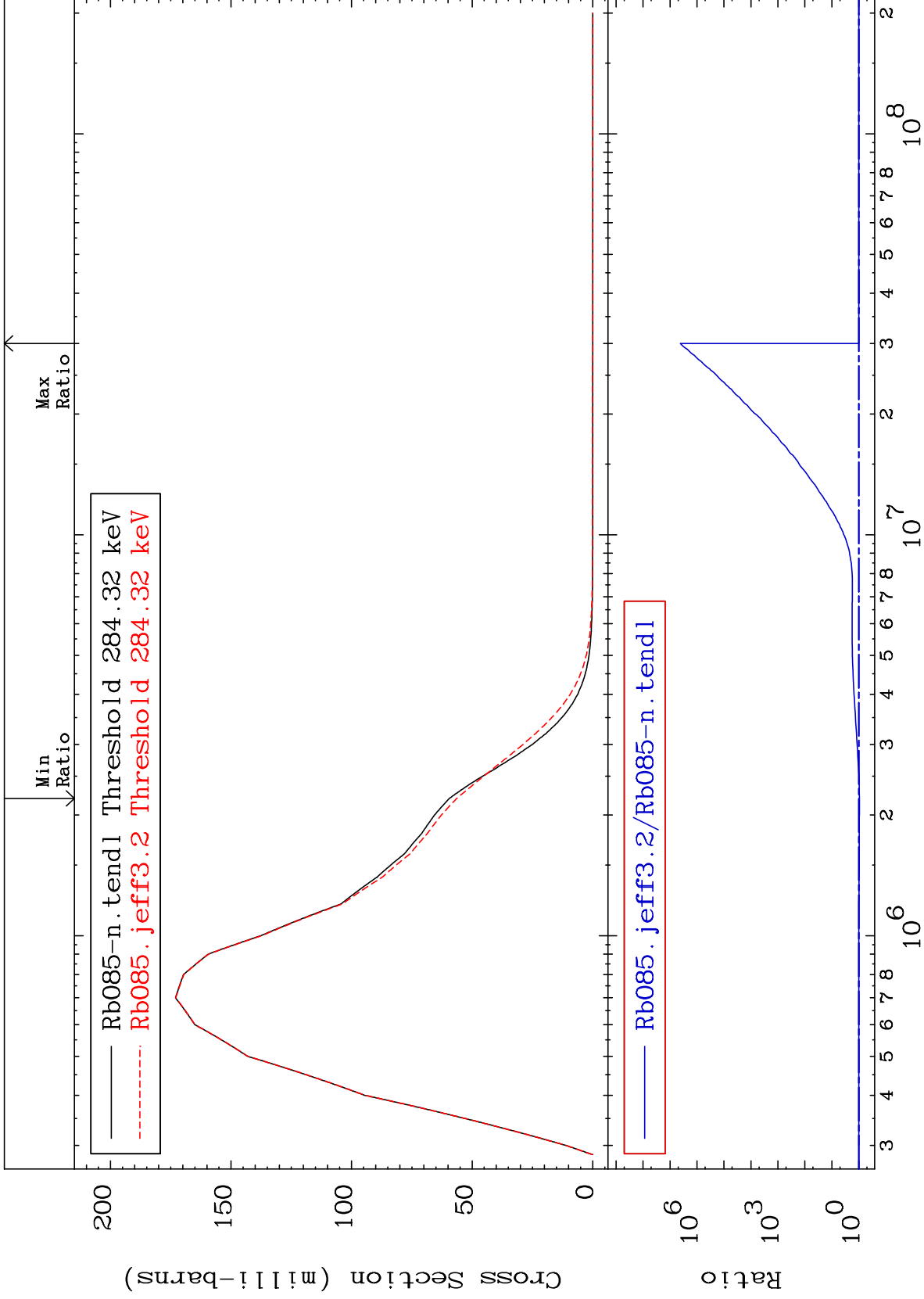
37-Rb-85
-38.37 To 92.21 %



MAT 3725

281.0 keV (n,n') Level
Cross Section

37-Rb-85
-5.211 To 9999. %



20

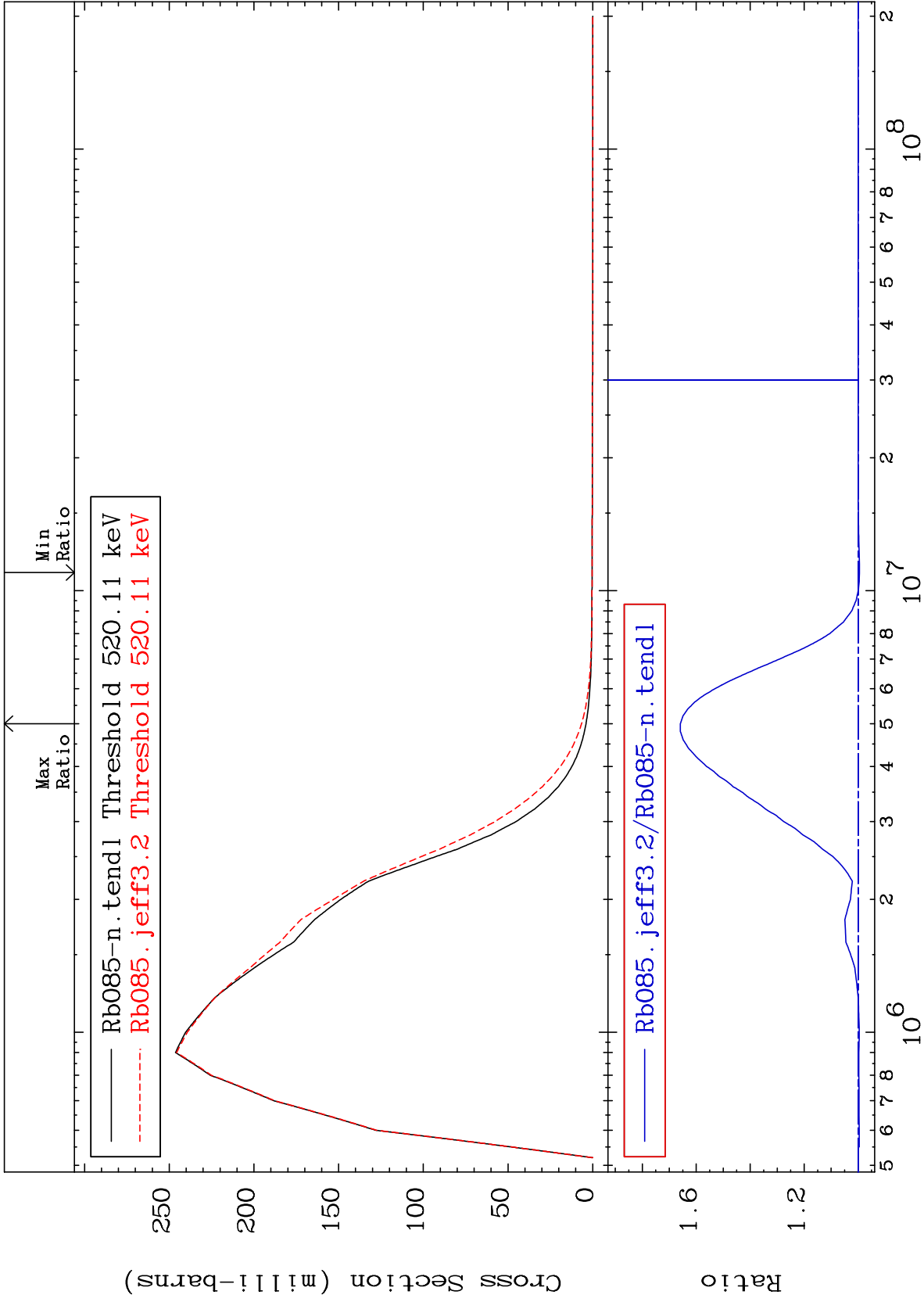
Incident Energy (eV)

37-Rb-85

MAT 3725

514.0 keV (n,n') Level
Cross Section

37-Rb-85
-0.481 To 65.89 %



21

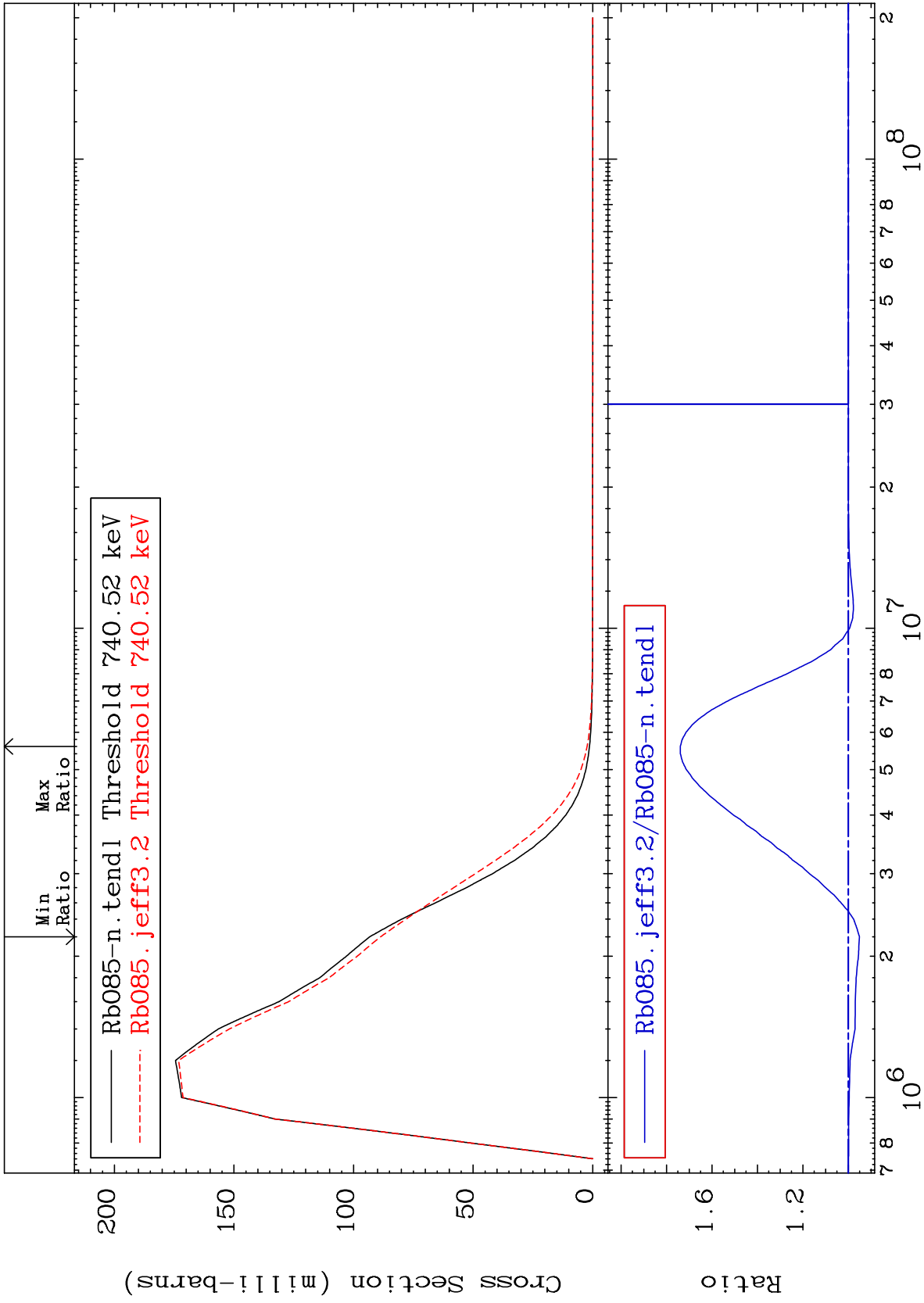
Incident Energy (eV)

37-Rb-85

MAT 3725

731.8 keV (n,n') Level
Cross Section

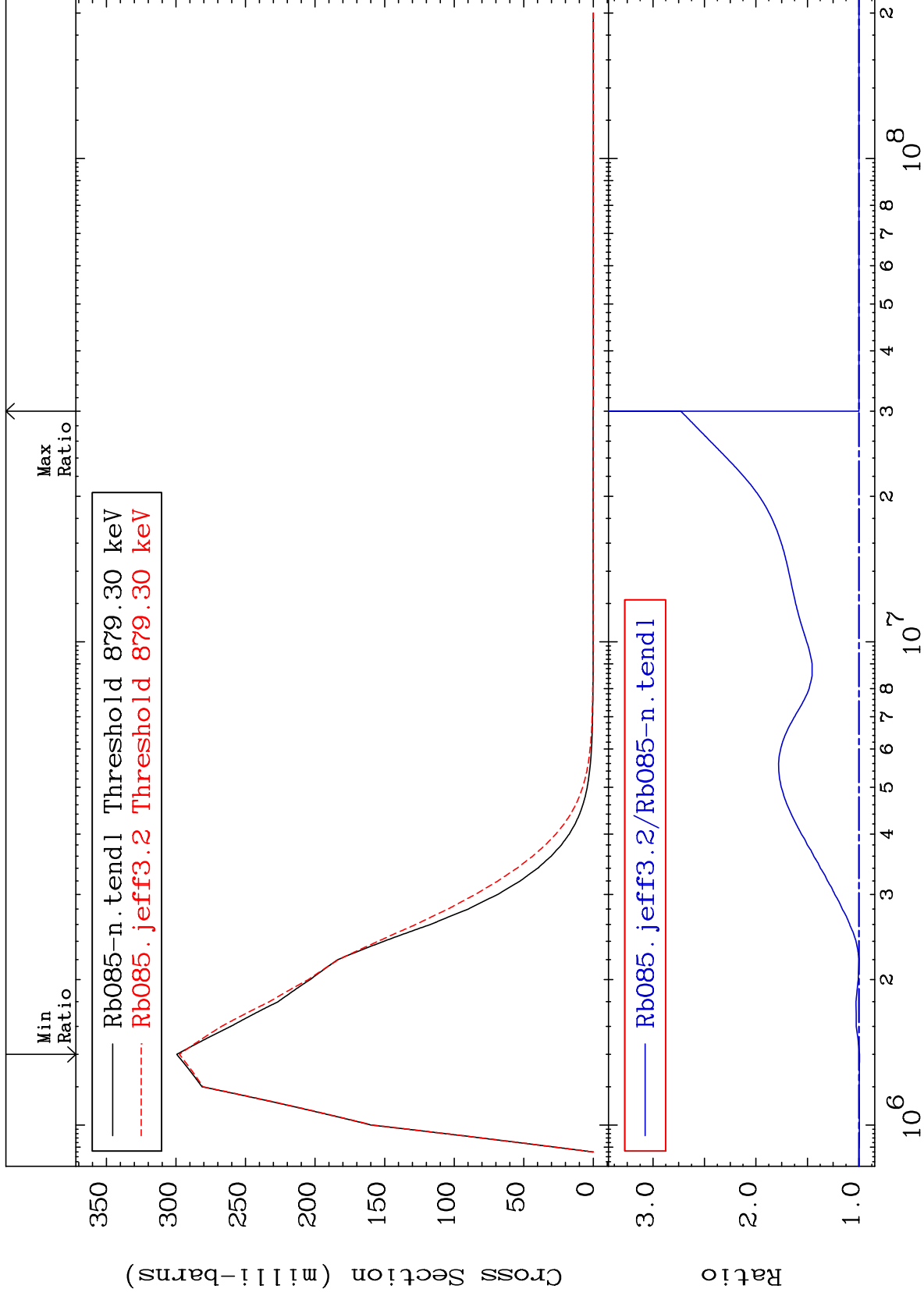
37-Rb-85
-4.867 To 73.90 %



MAT 3725

869.0 keV (n,n') Level
Cross Section

37-Rb-85
-0.642 To 173.0 %



23

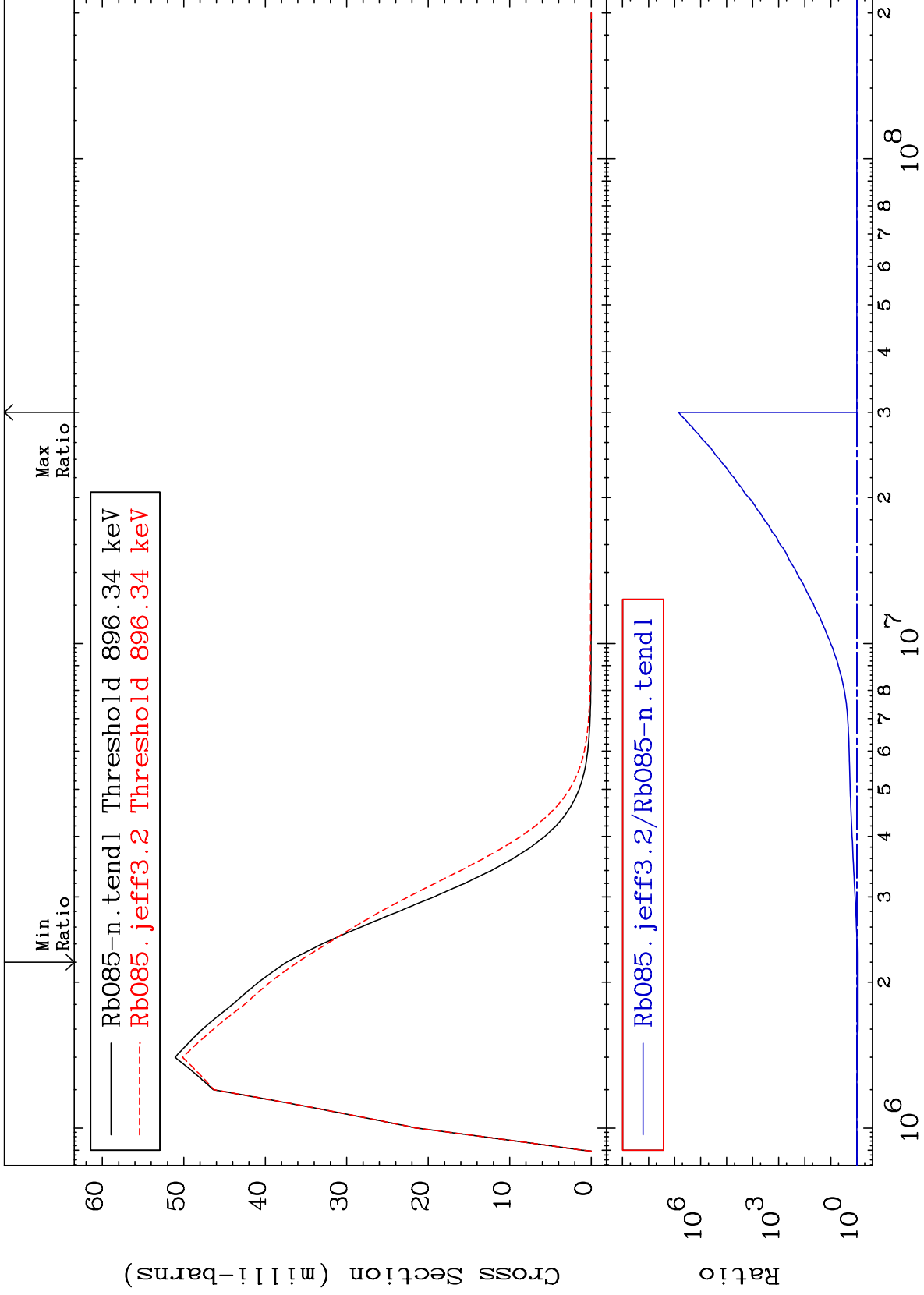
Incident Energy (eV)

37-Rb-85

MAT 3725

885.8 keV (n,n') Level
Cross Section

37-Rb-85
-3.678 To 9999. %



24

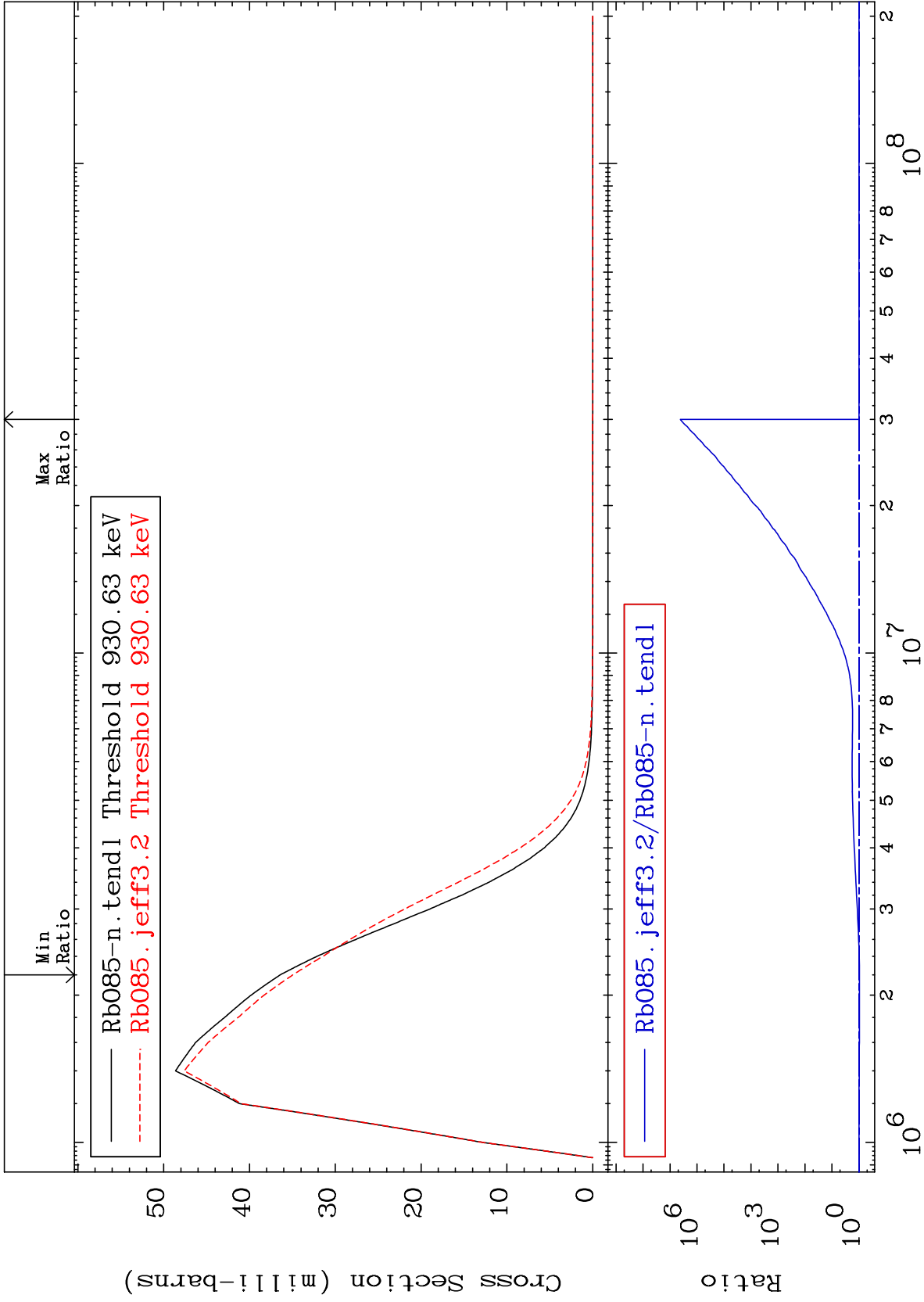
Incident Energy (eV)

37-Rb-85

MAT 3725

919.7 keV (n,n') Level
Cross Section

37-Rb-85
-4.032 To 9999. %



25

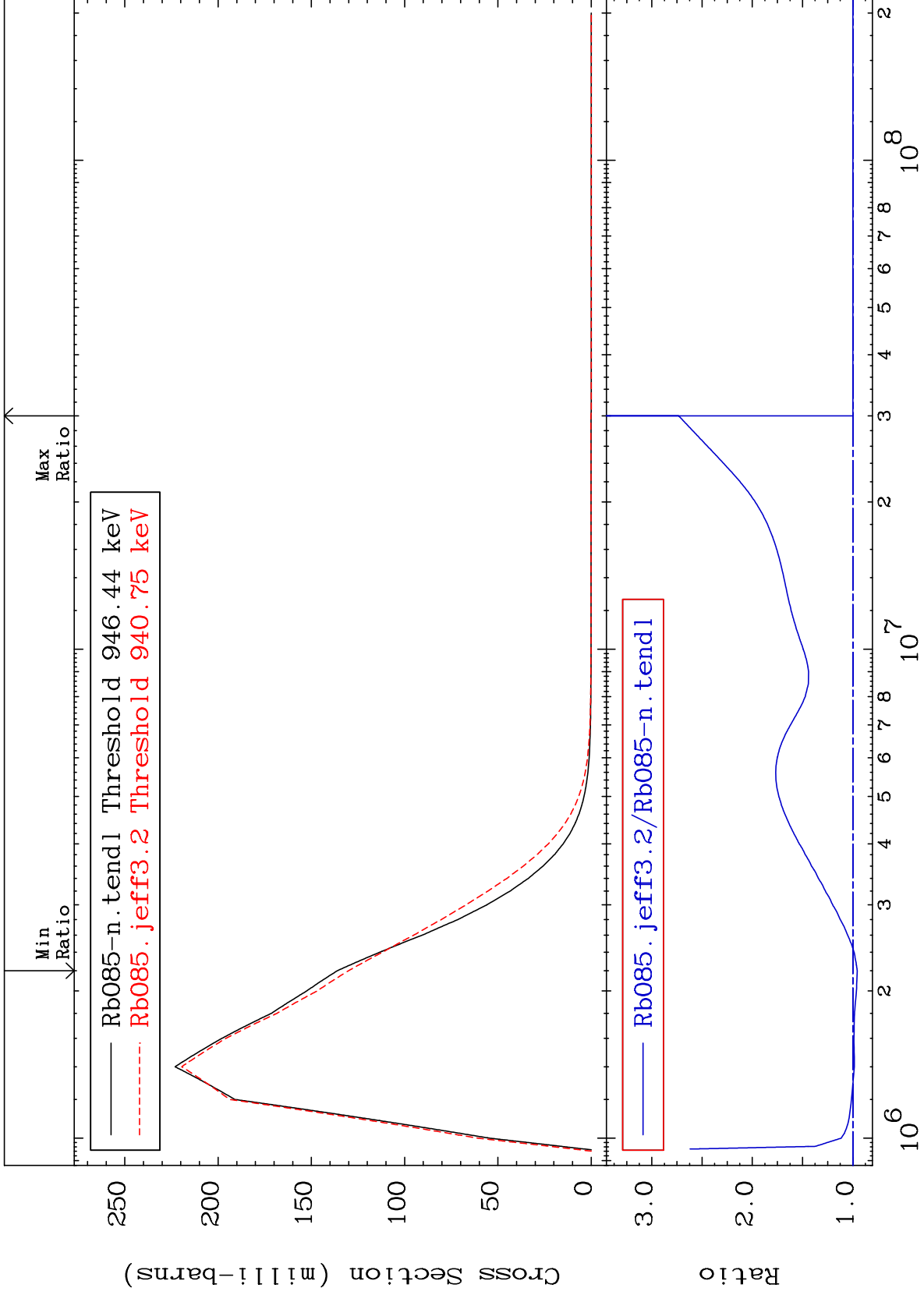
Incident Energy (eV)

37-Rb-85

MAT 3725

935.3 keV (n,n') Level
Cross Section

37-Rb-85
-4.431 To 173.3 %



26

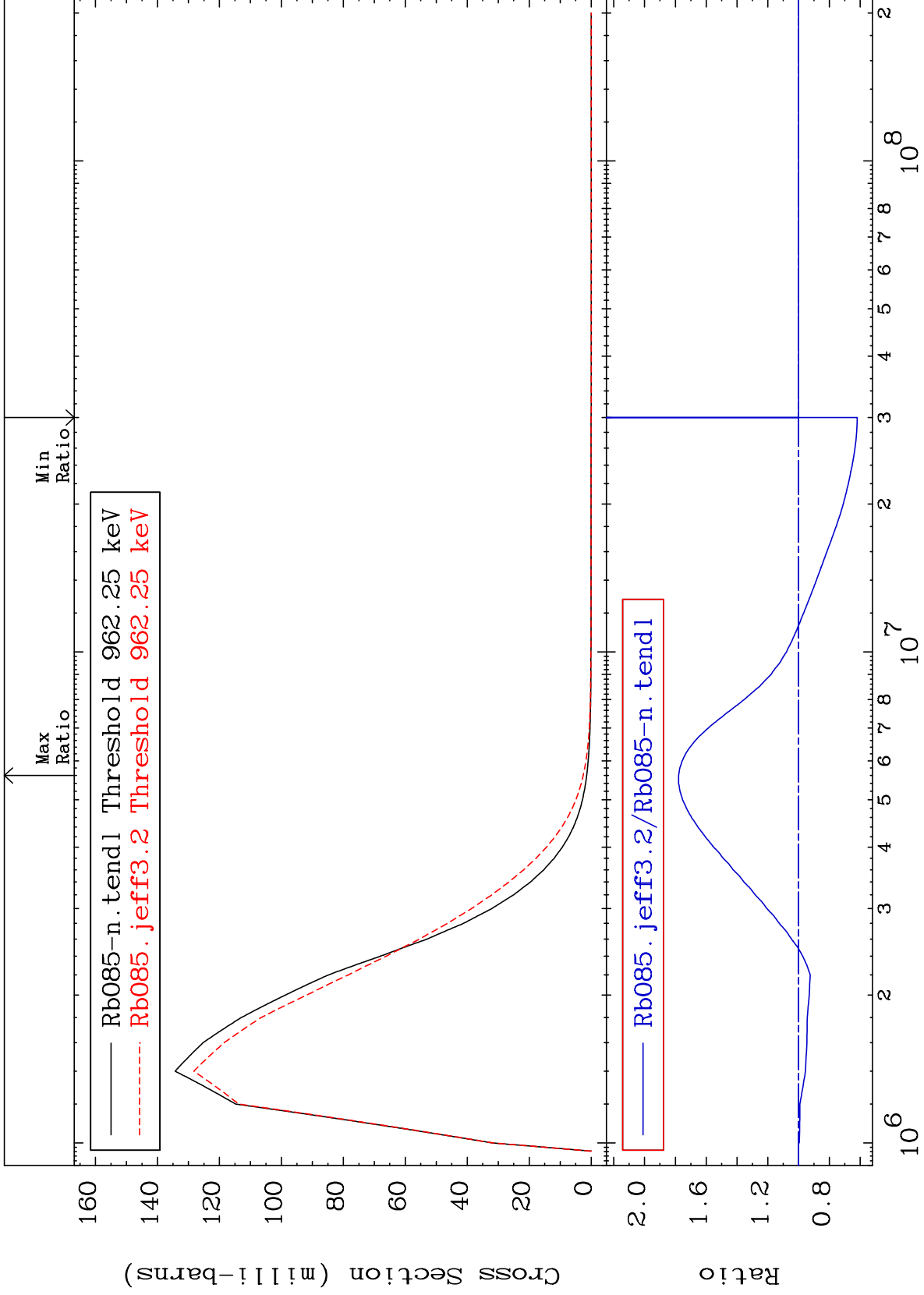
Incident Energy (eV)

37-Rb-85

MAT 3725

951.0 keV (n,n') Level
Cross Section

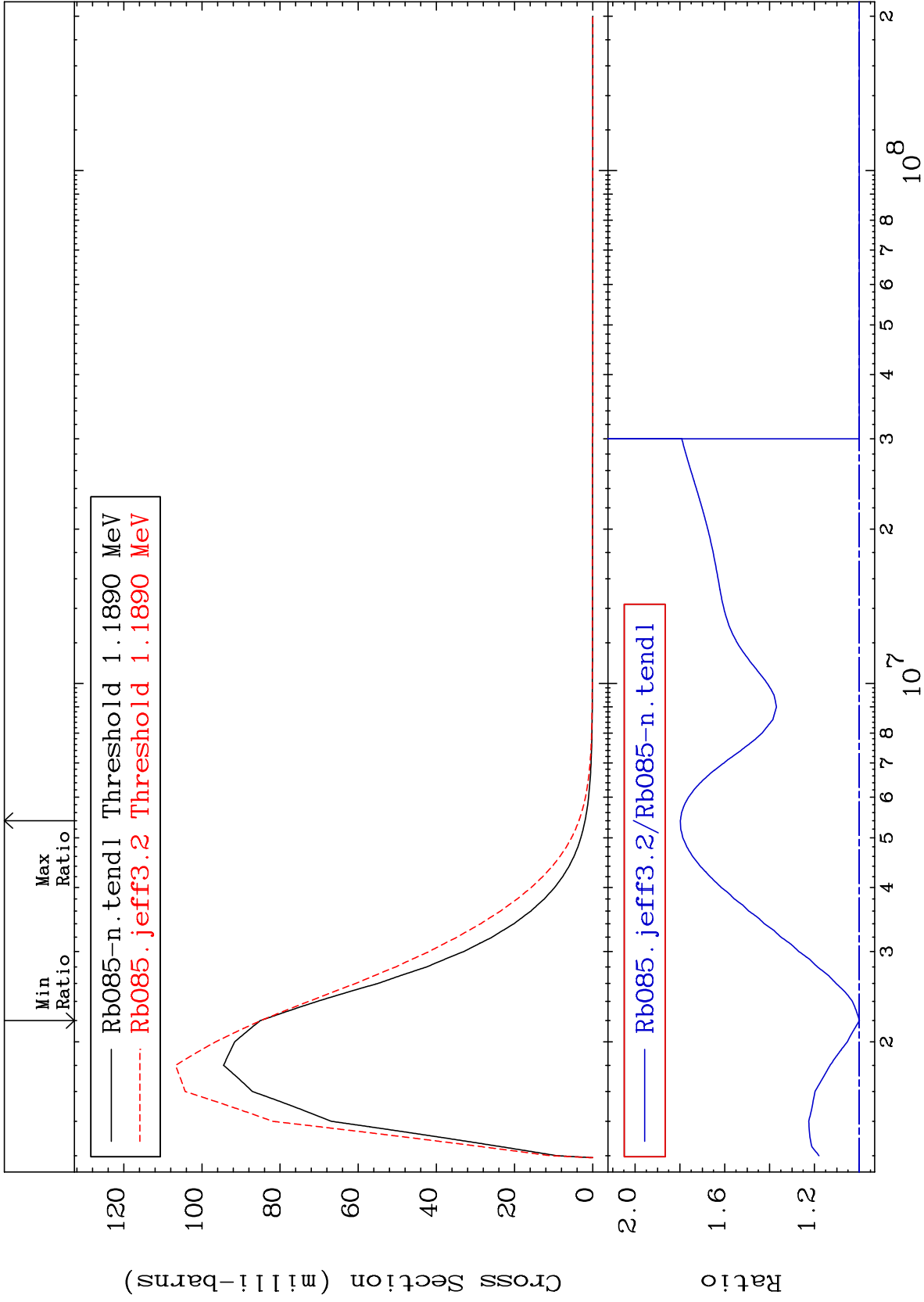
37-Rb-85
-38.14 To 77.88 %



27

Incident Energy (eV)

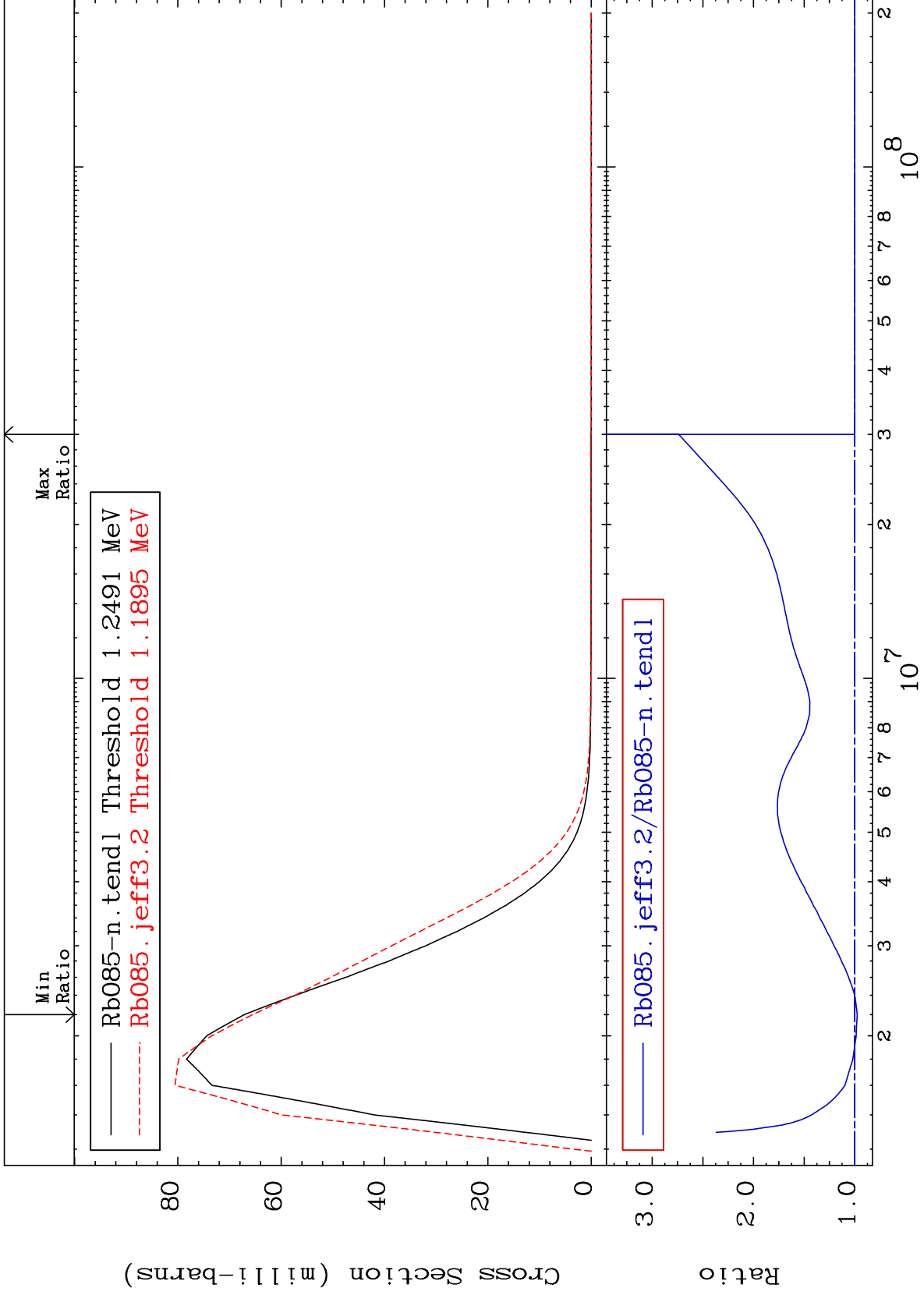
37-Rb-85



MAT 3725

1.234 MeV (n,n') Level
Cross Section

37-Rb-85
-2.415 To 173.9 %

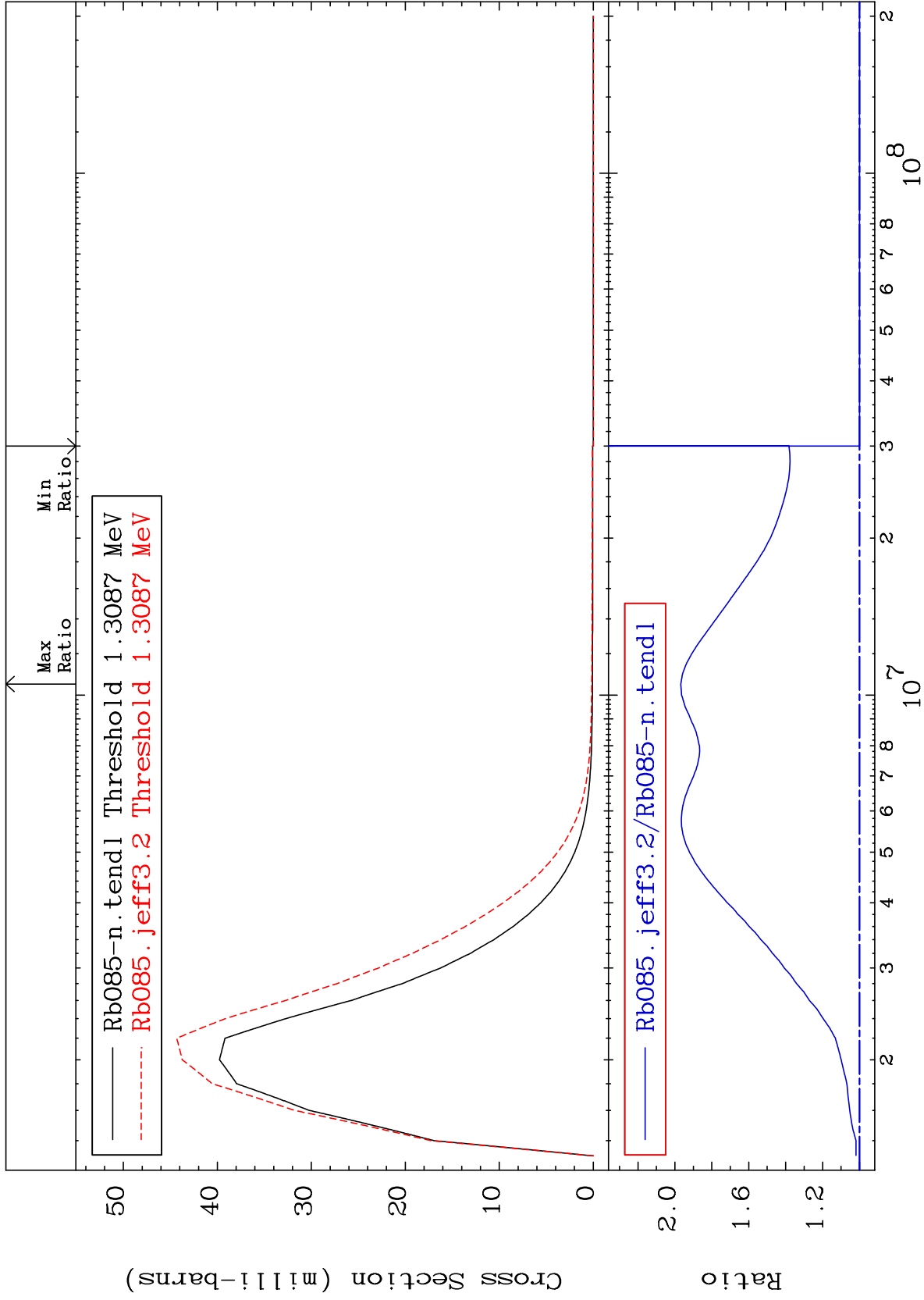


MAT 3725

1.293 MeV (n,n') Level

37-Rb-85

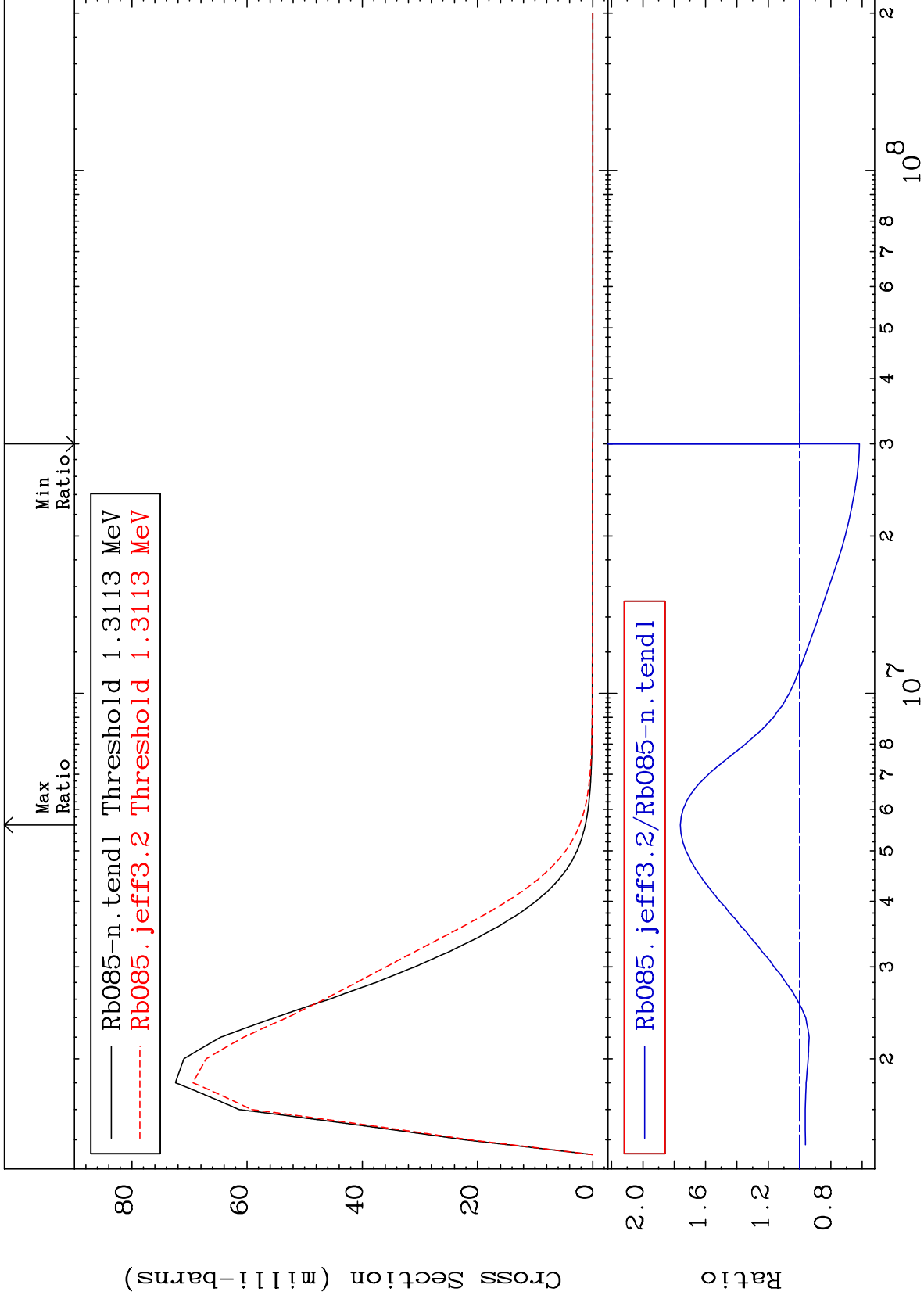
0.000 To 96.82 %

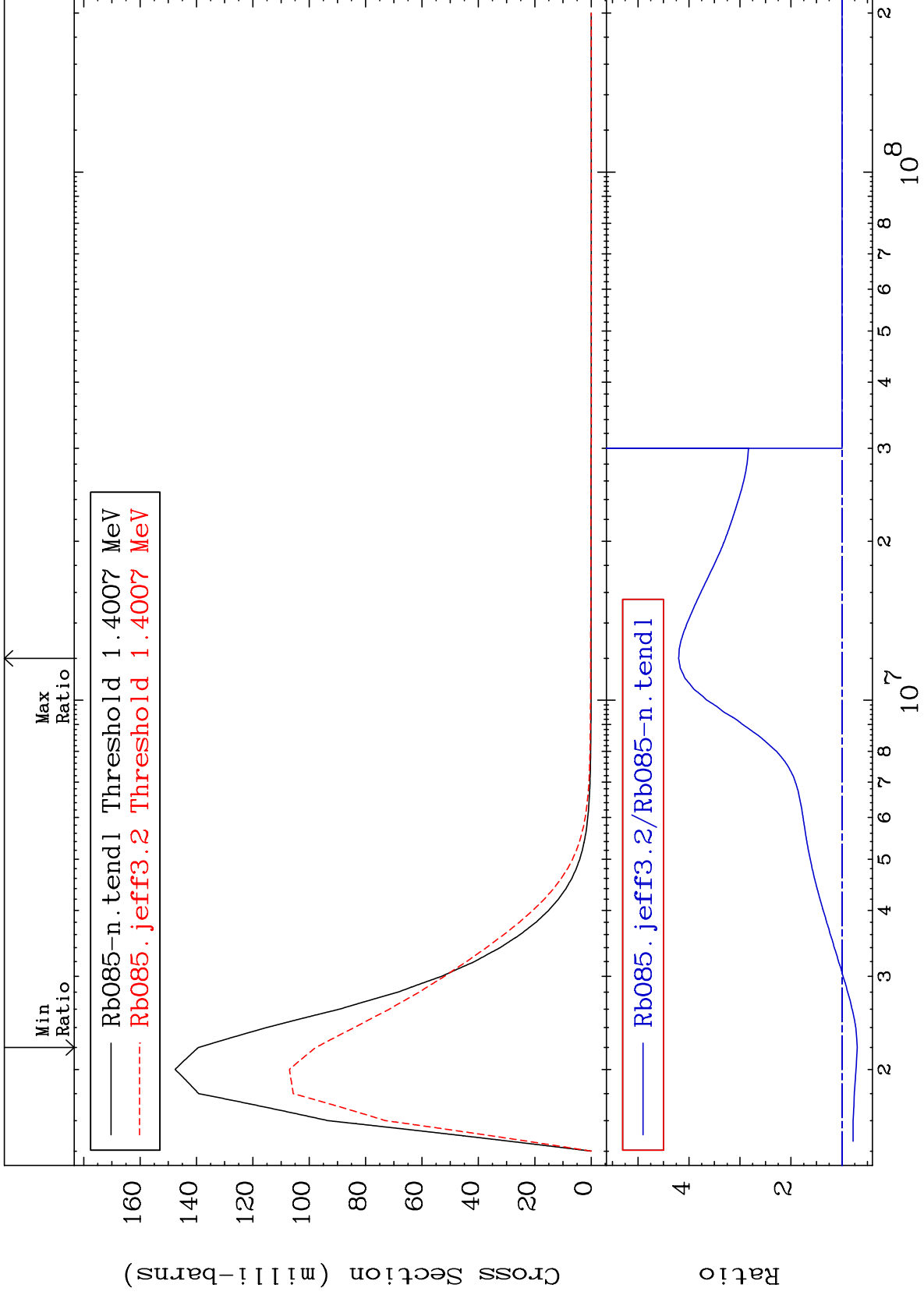


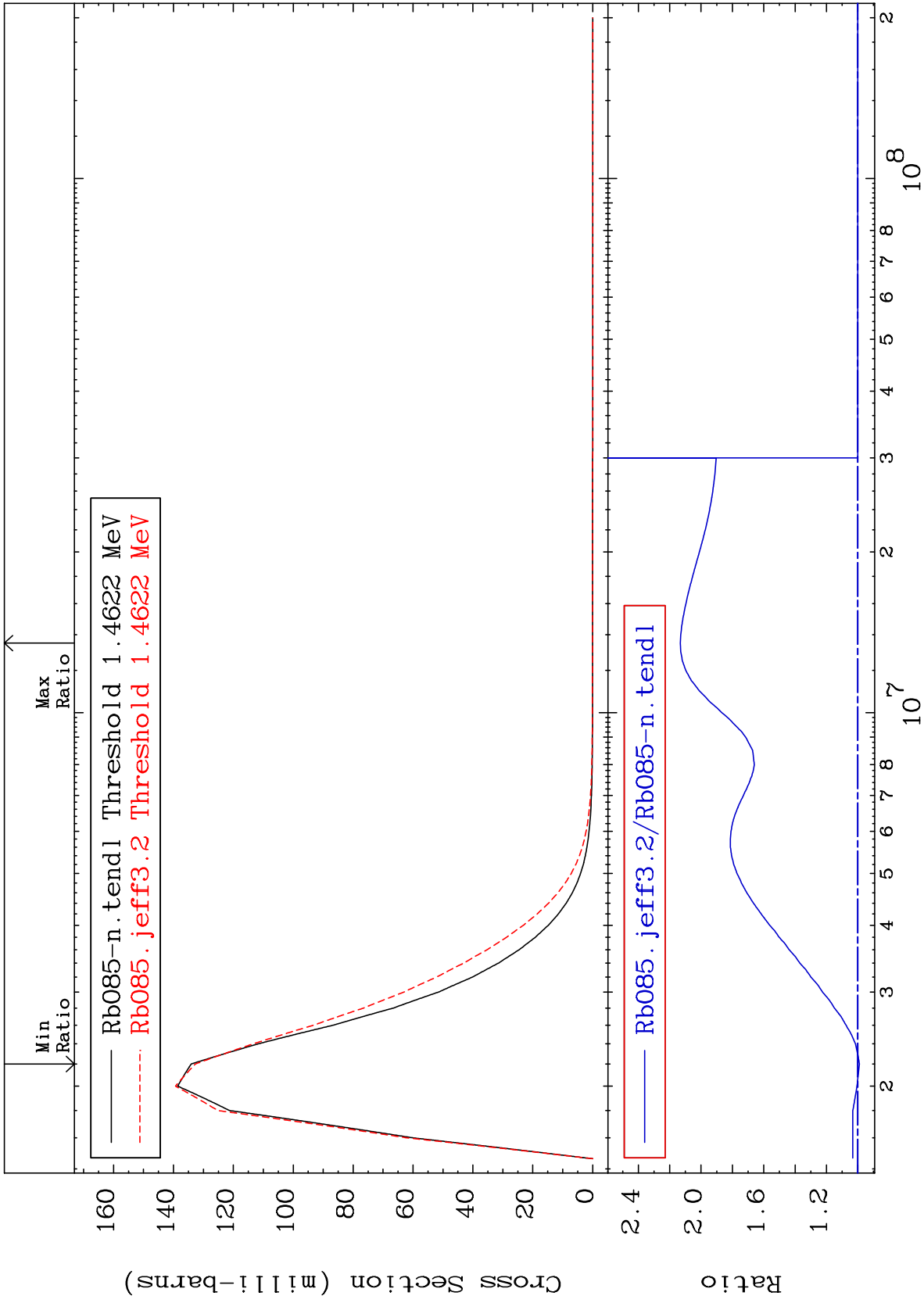
30

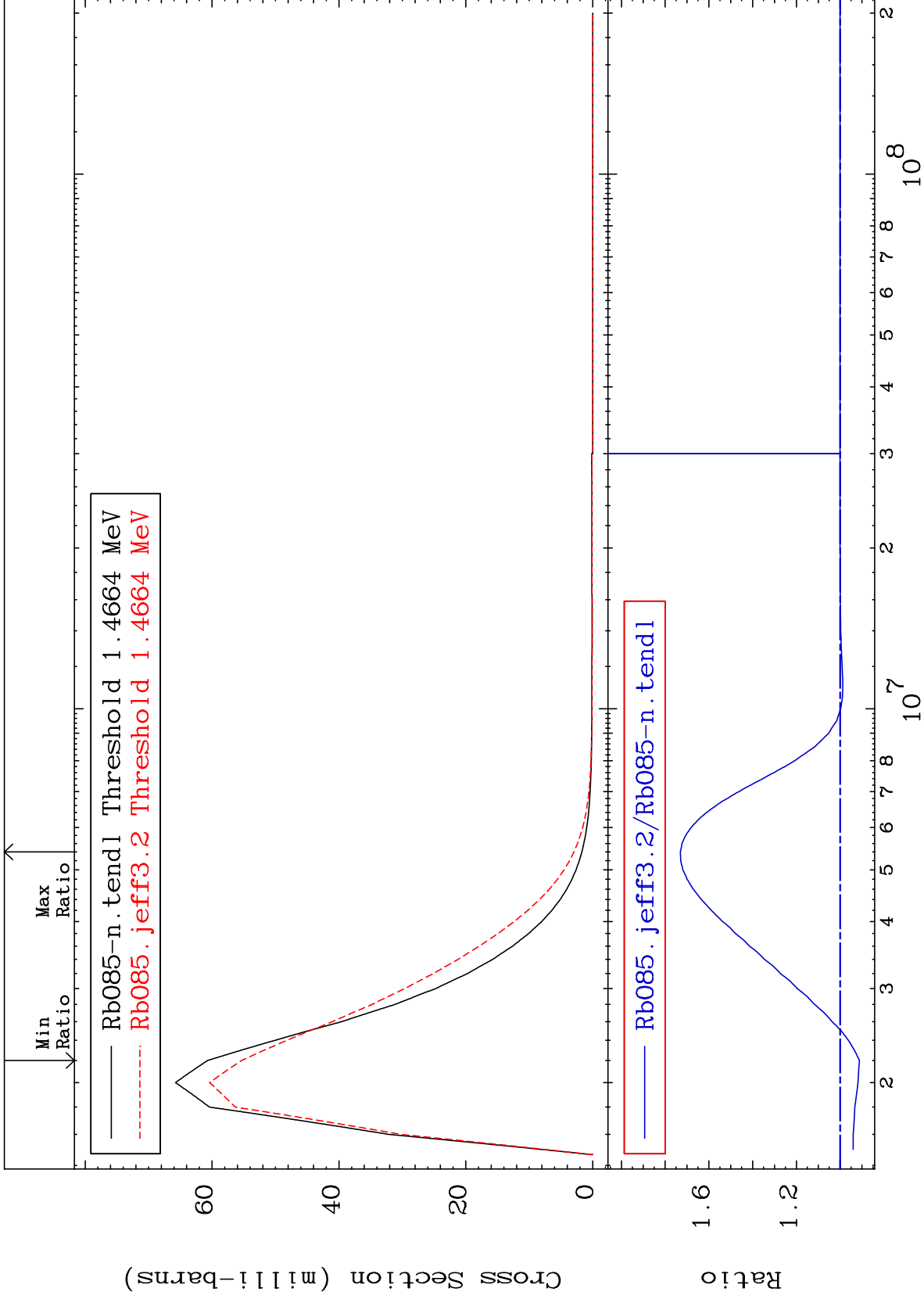
Incident Energy (eV)

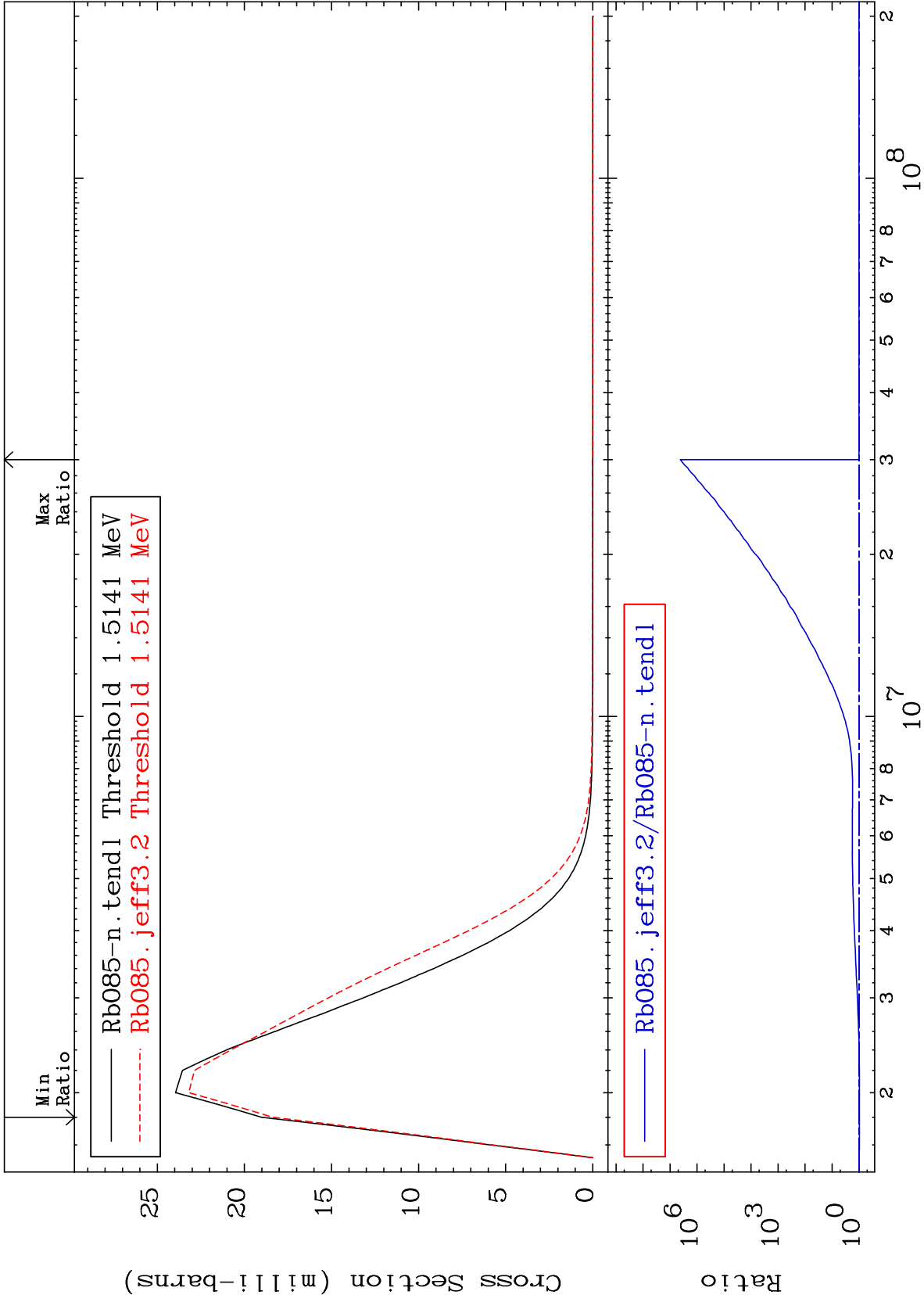
37-Rb-85







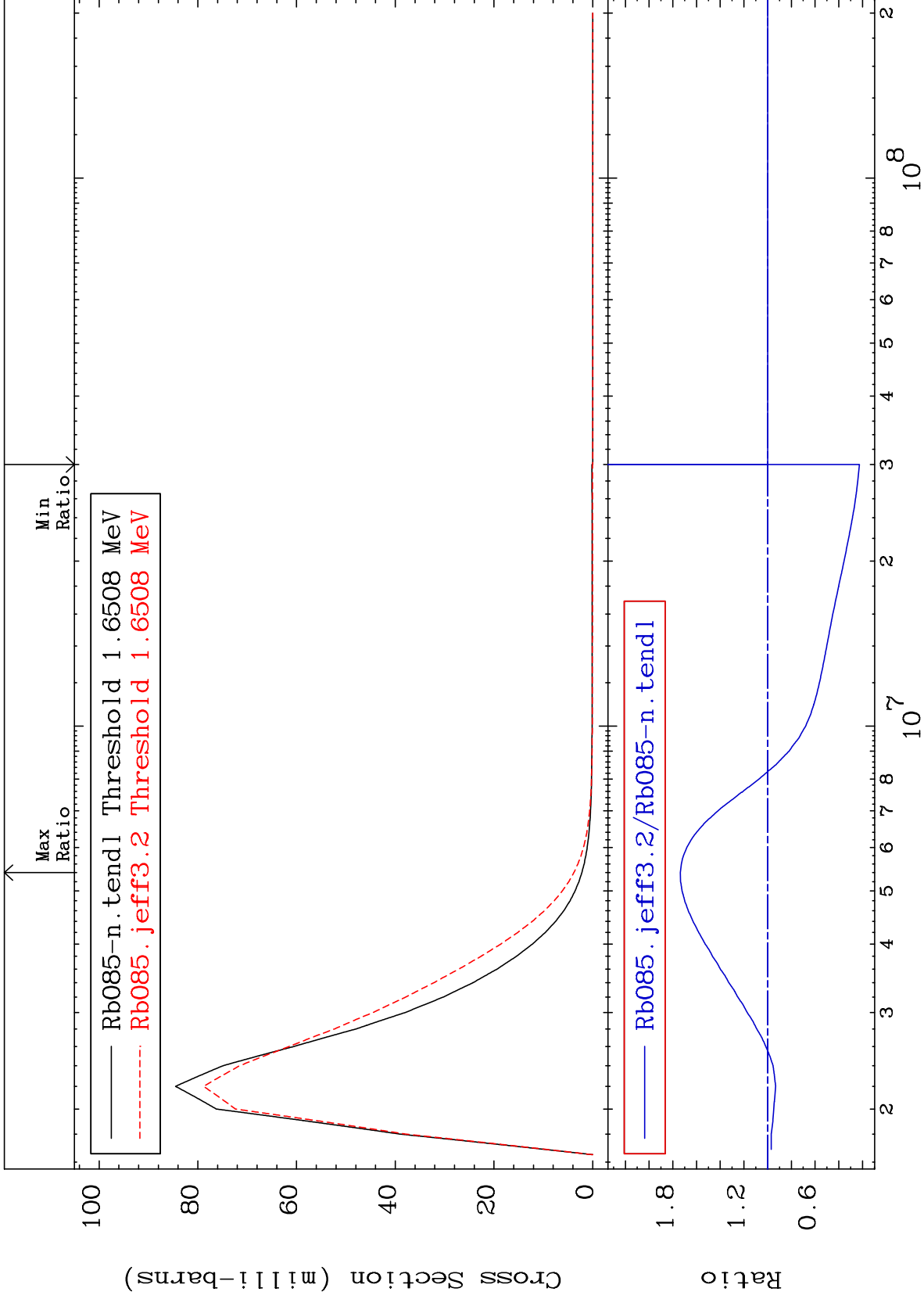




MAT 3725

1.631 MeV (n,n') Level
Cross Section

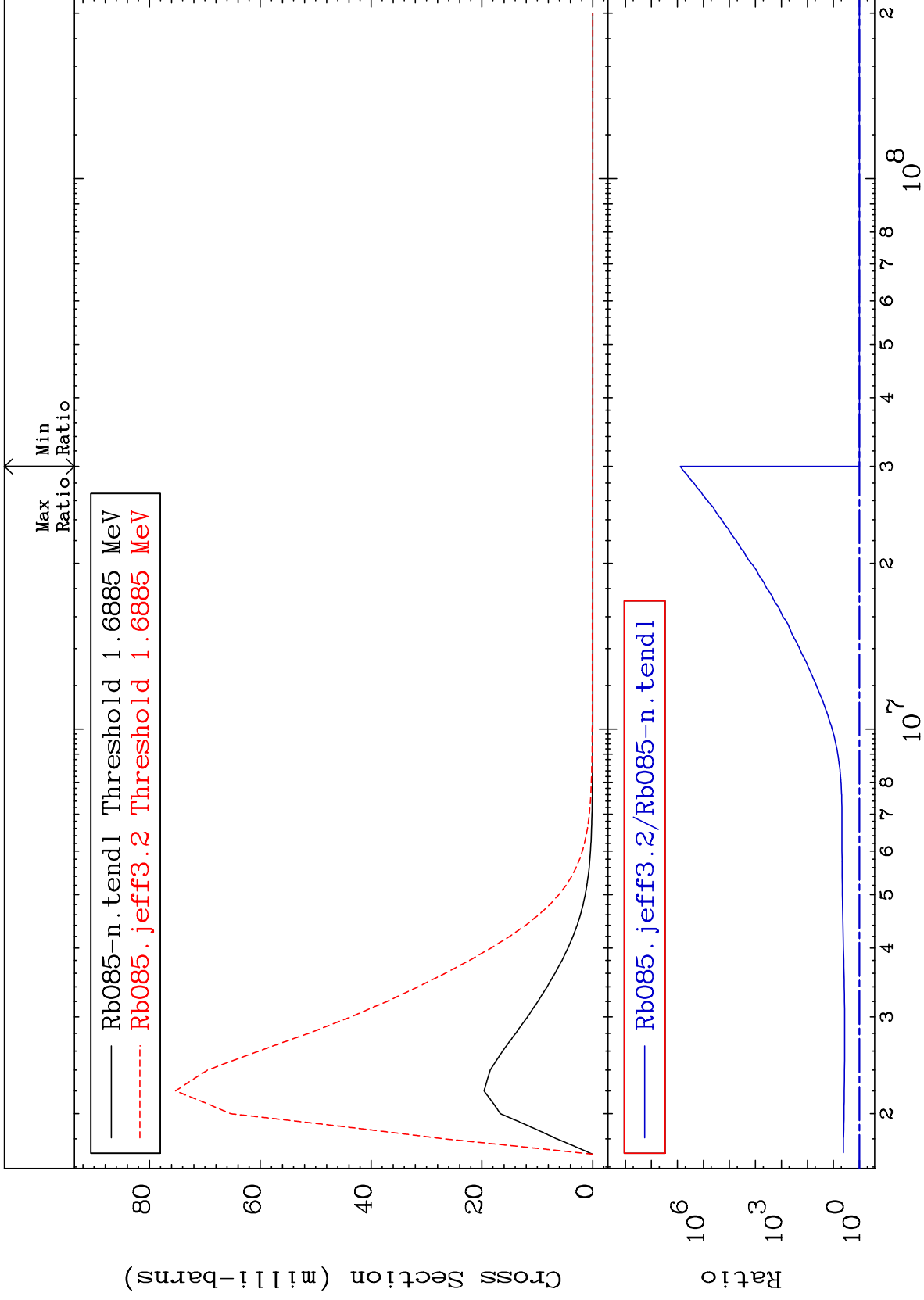
37-Rb-85
-77.41 To 73.63 %

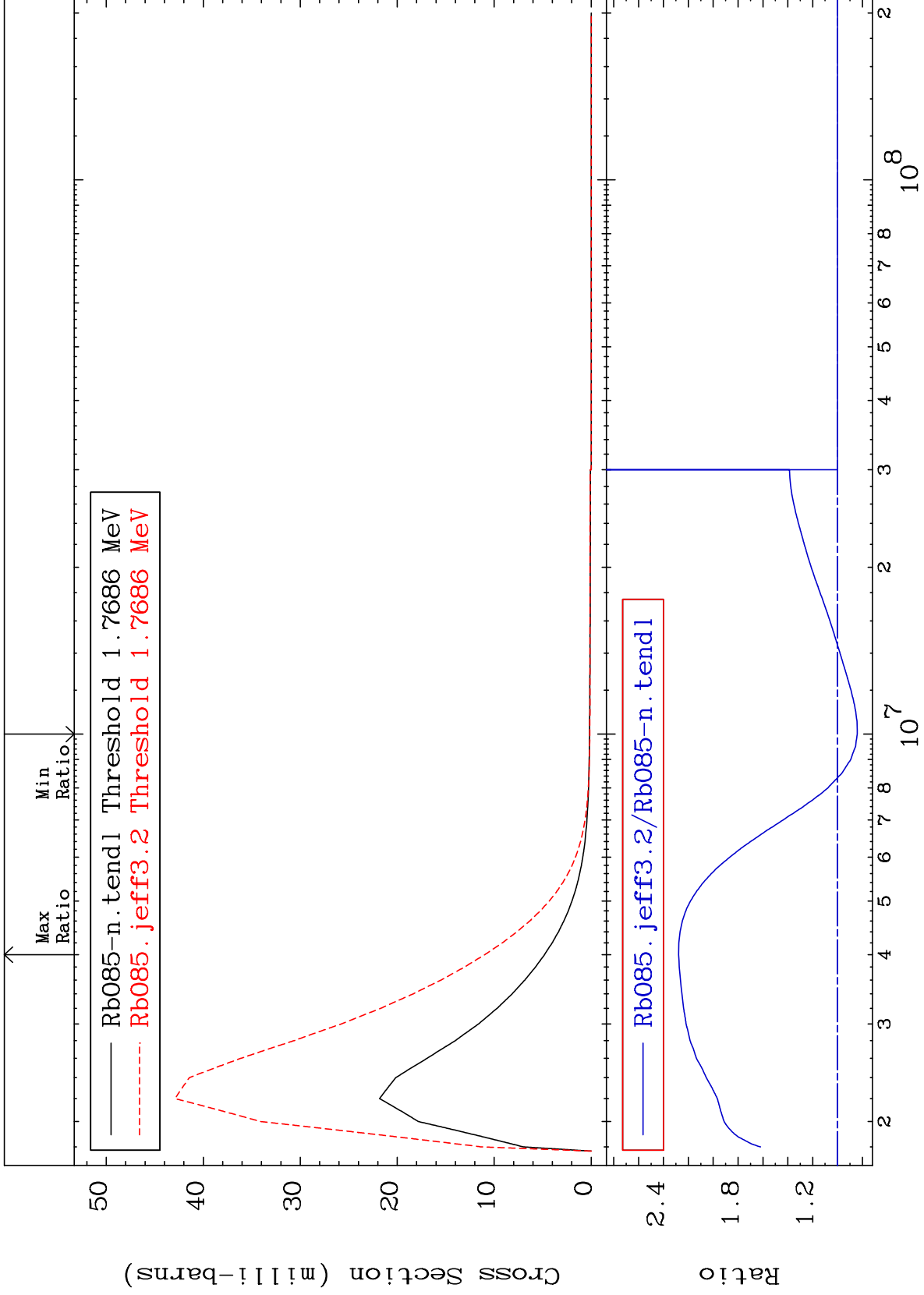


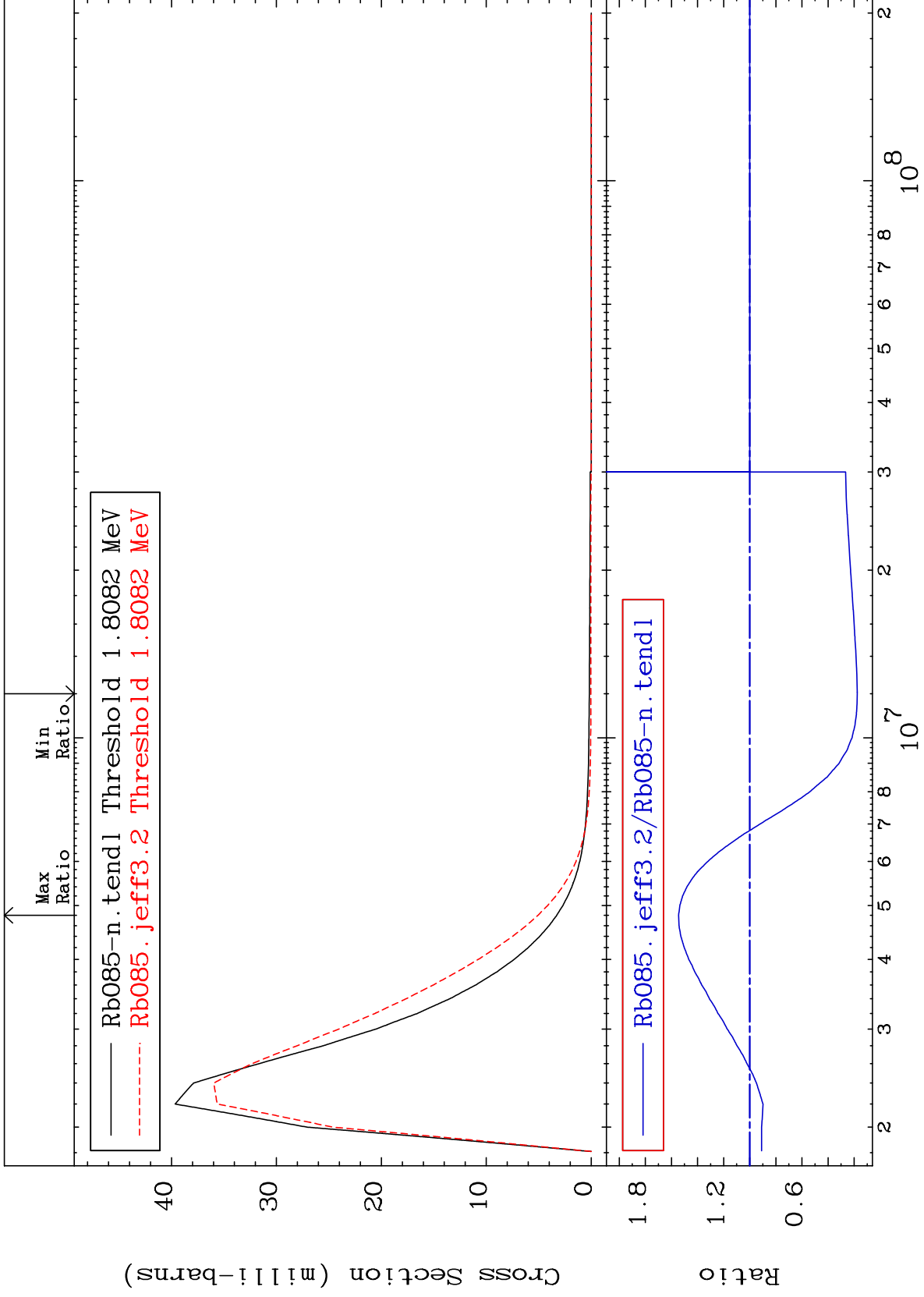
MAT 3725

1.669 MeV (n,n') Level
Cross Section

37-Rb-85
0.000 To 9999. %



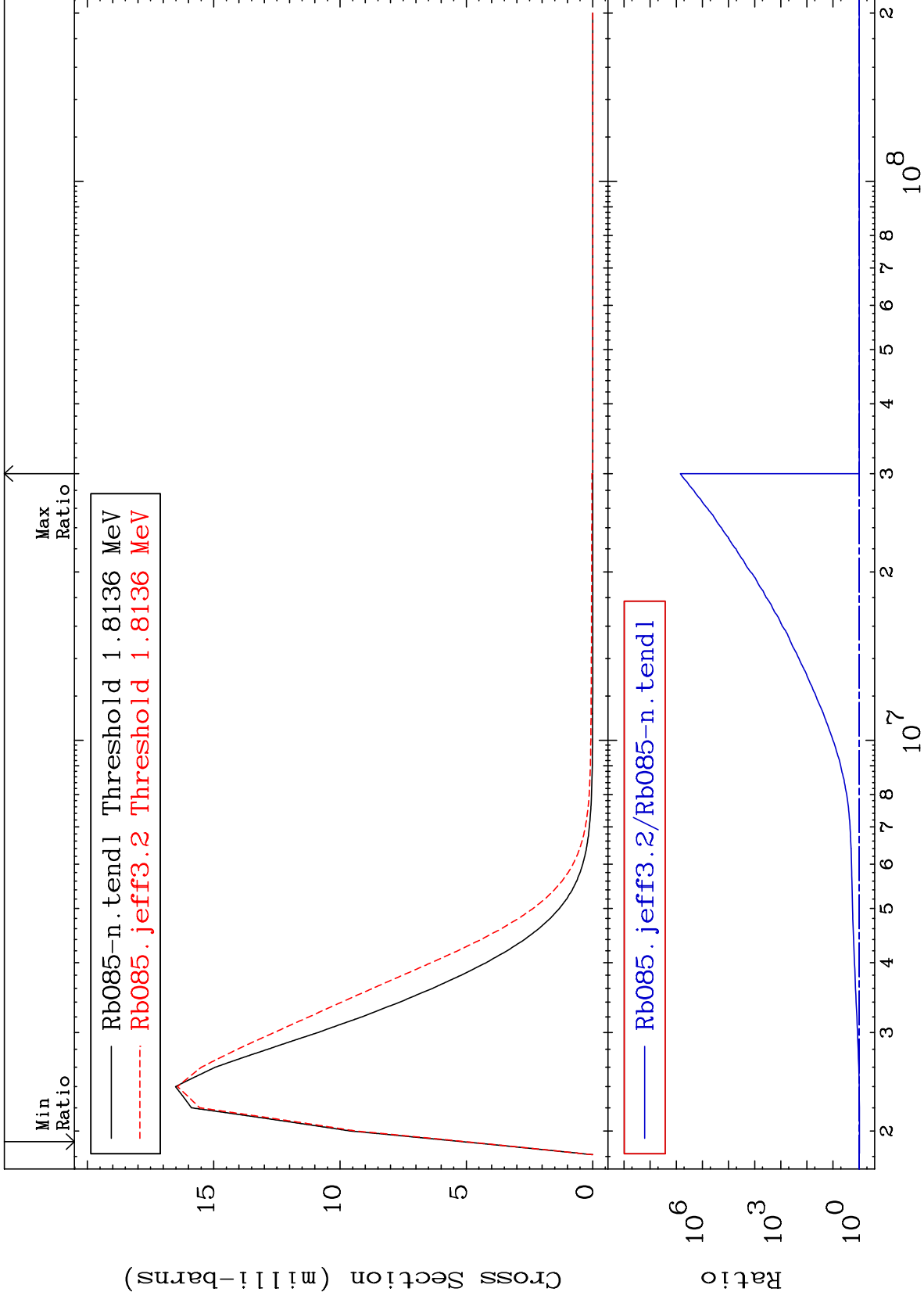




MAT 3725

1.792 MeV (n,n') Level
Cross Section

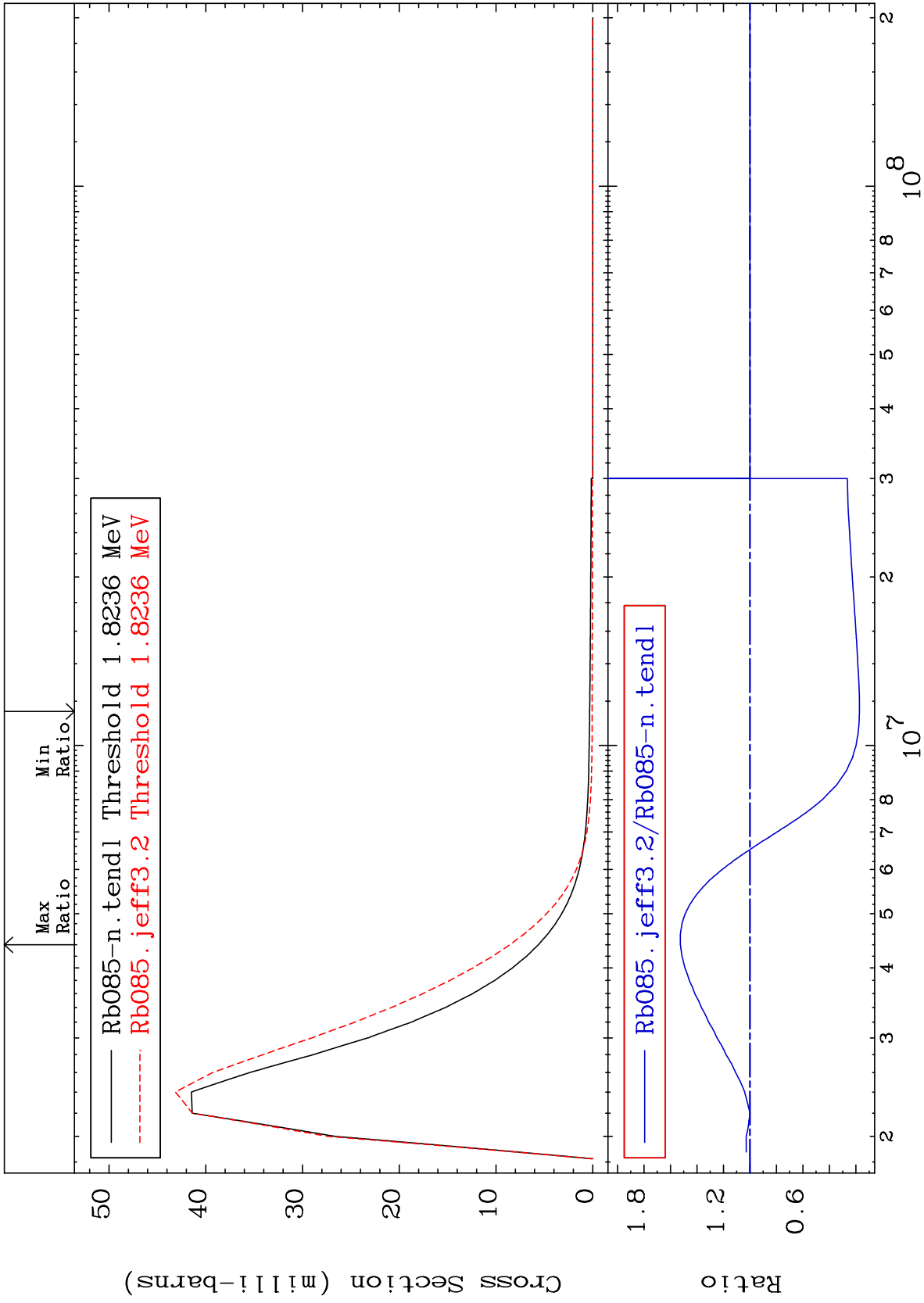
37-Rb-85
-2.298 To 9999. %



40

Incident Energy (eV)

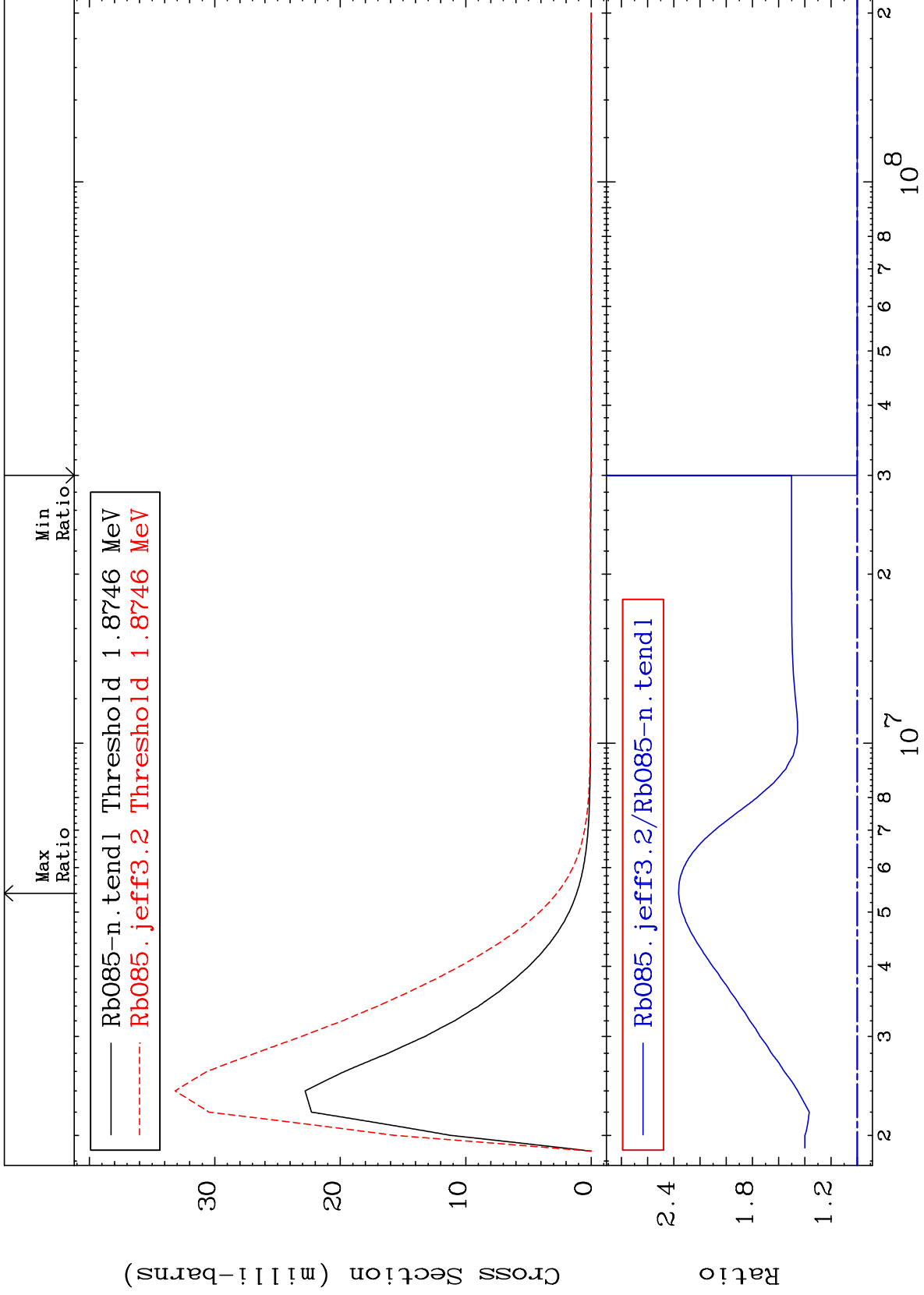
37-Rb-85

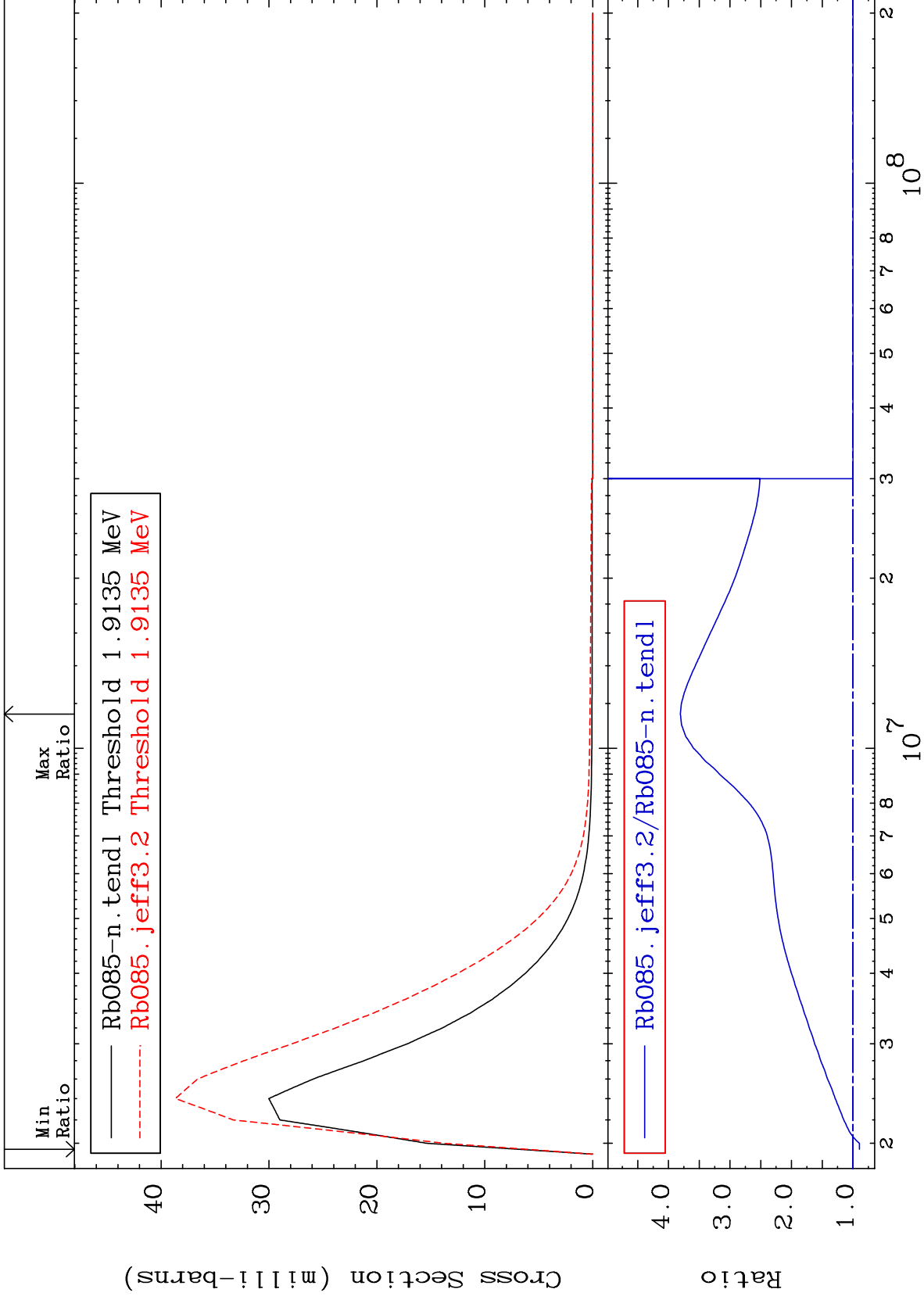


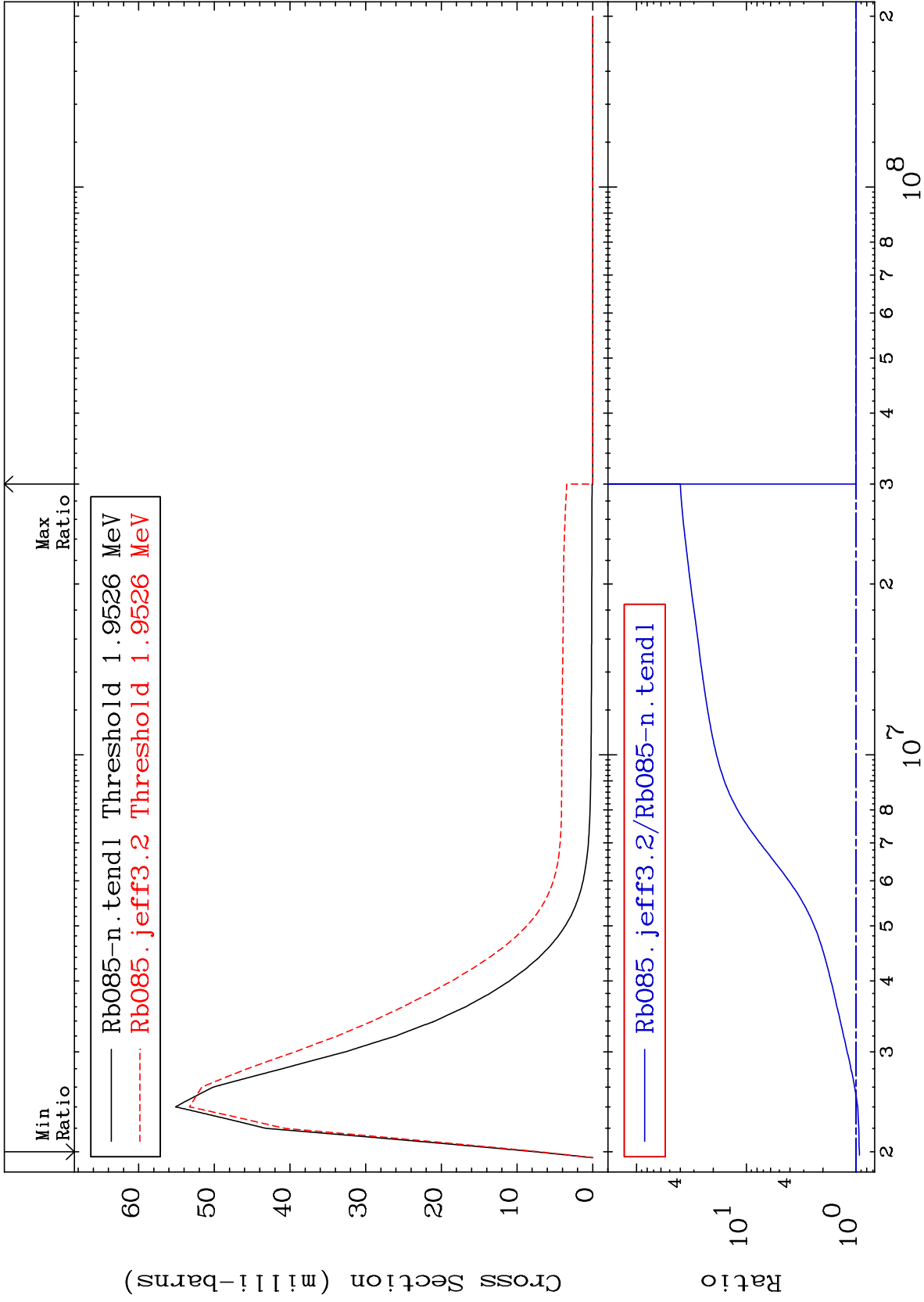
MAT 3725

1.853 MeV (n,n') Level
Cross Section

37-Rb-85
0.000 To 136.3 %



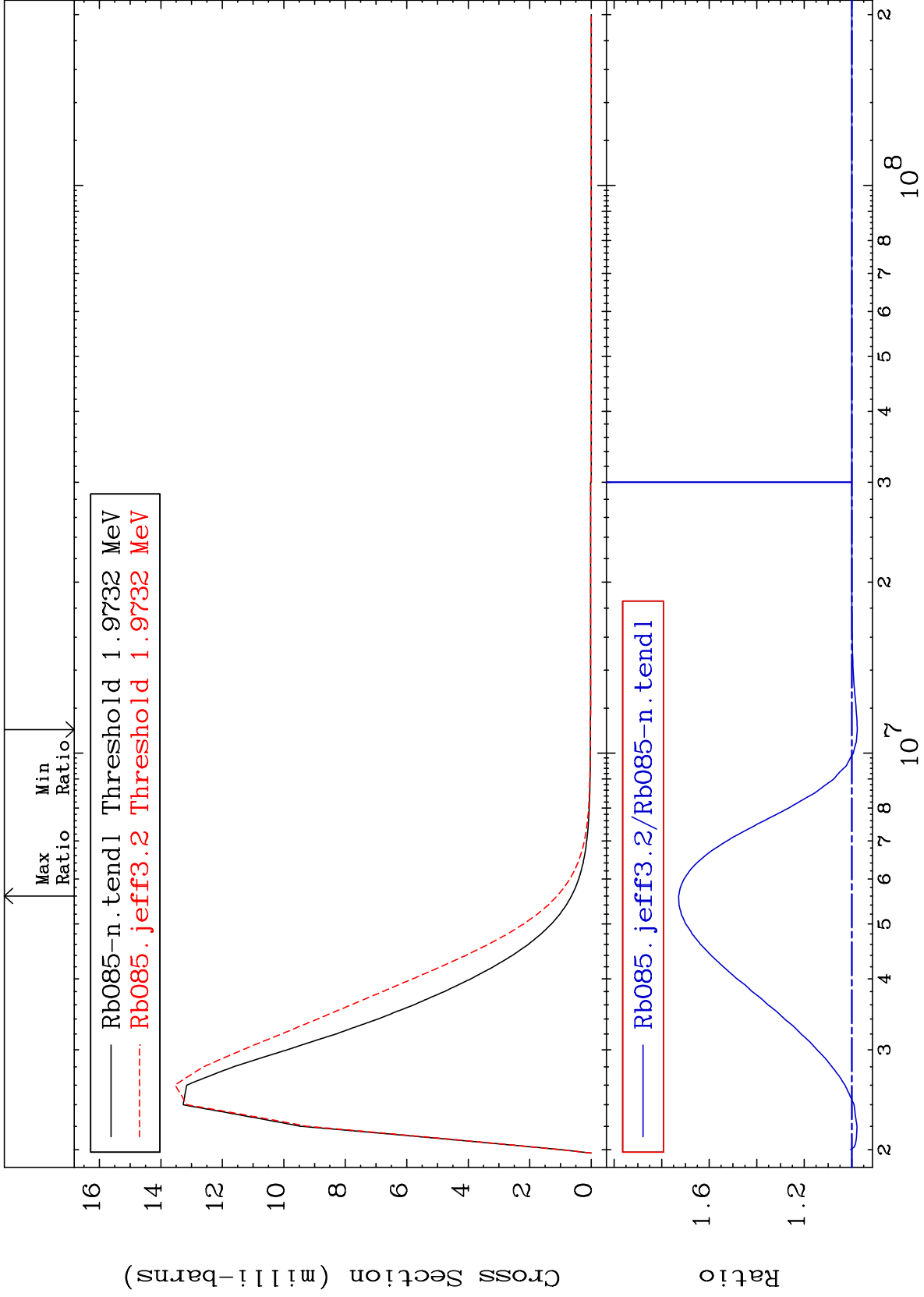




MAT 3725

1.950 MeV (n,n') Level
Cross Section

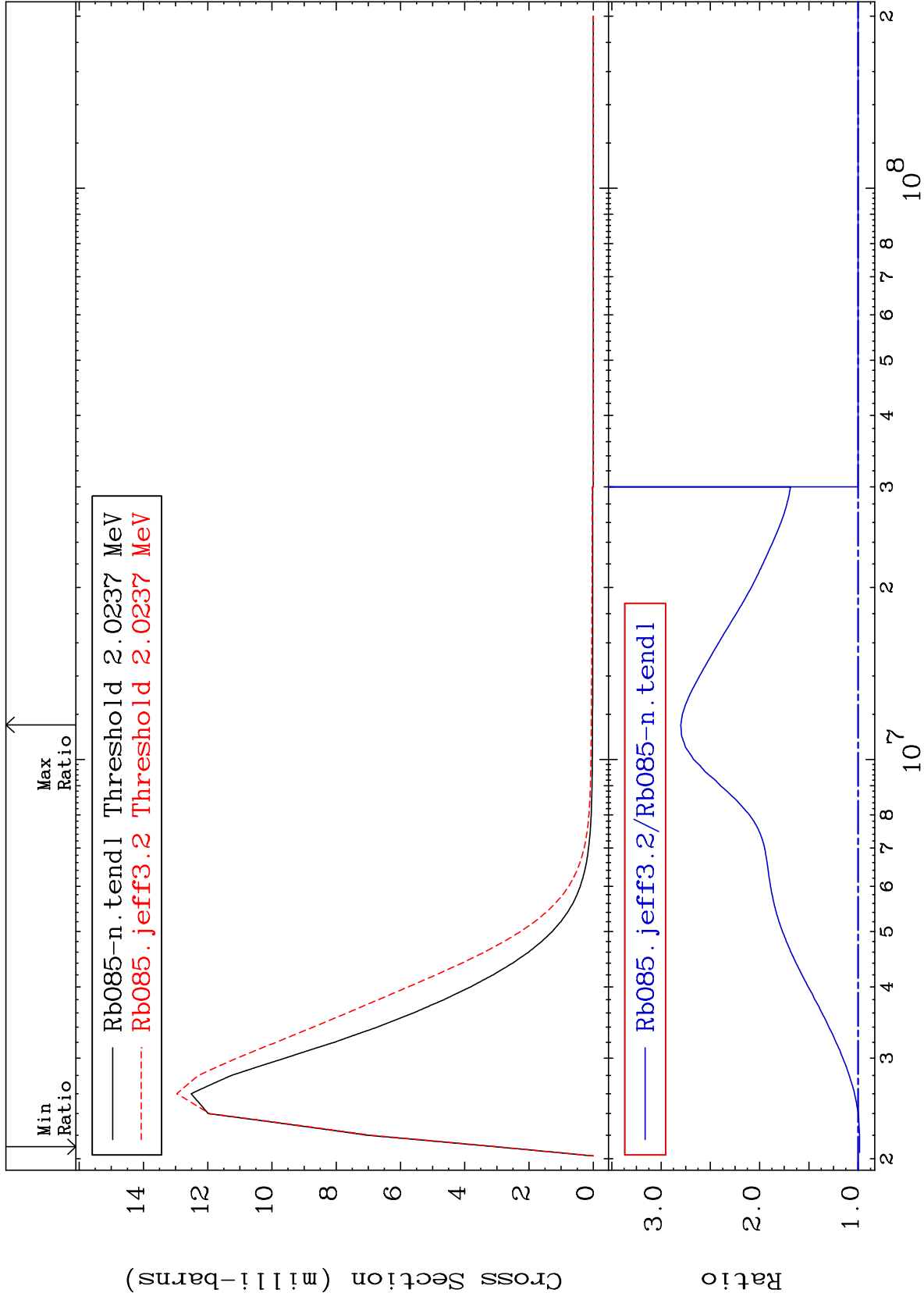
37-Rb-85
-2.282 To 72.86 %

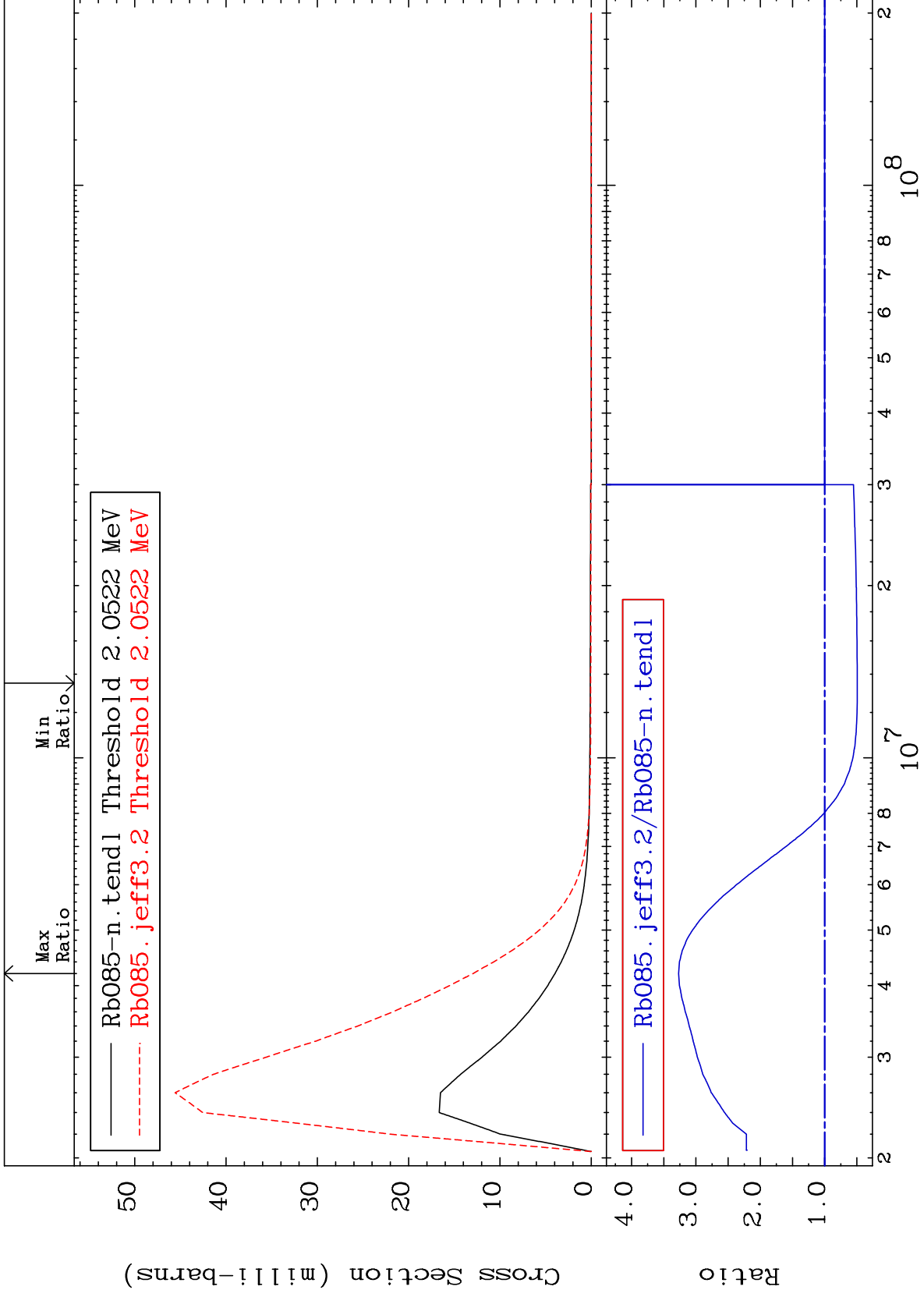


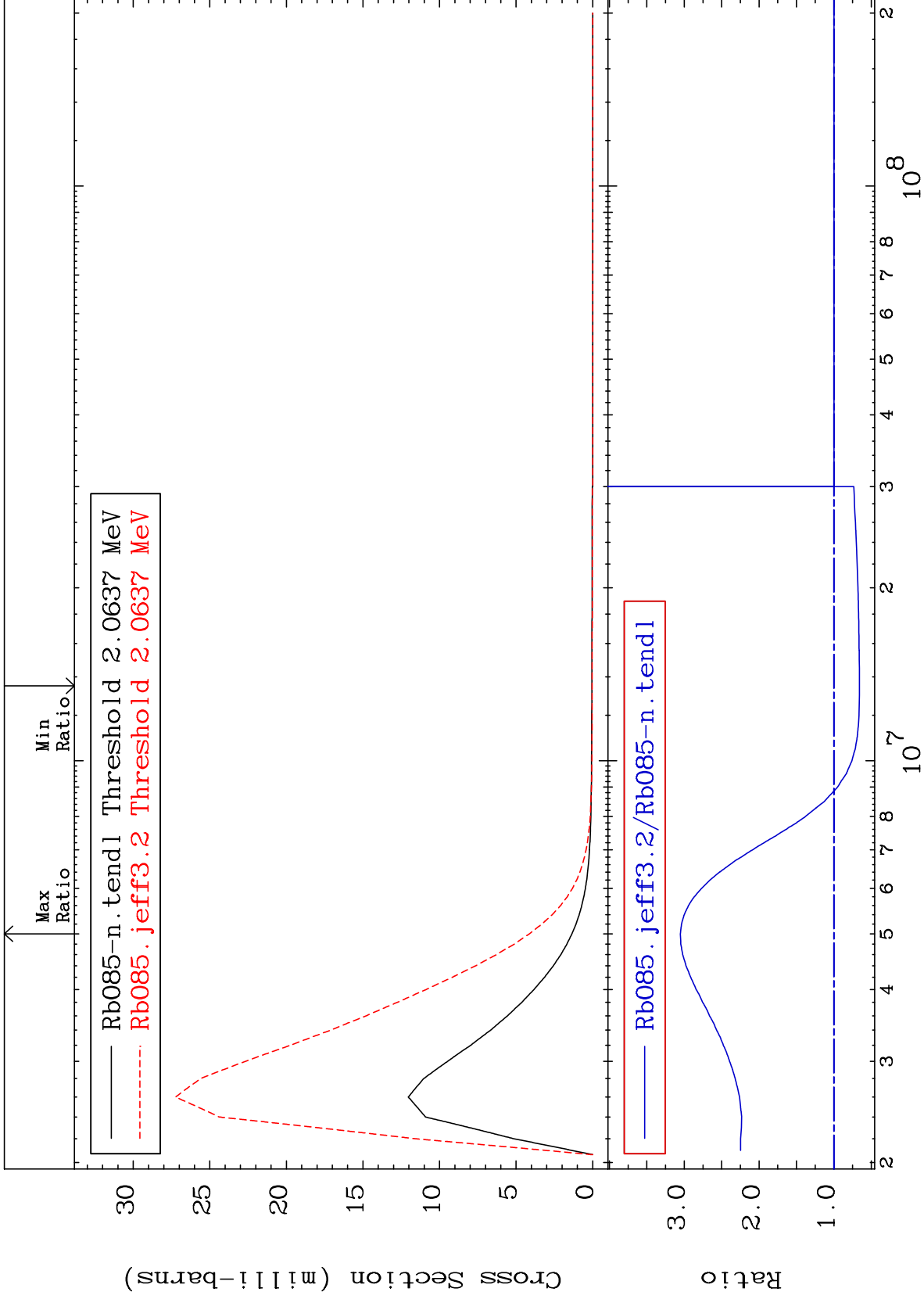
45

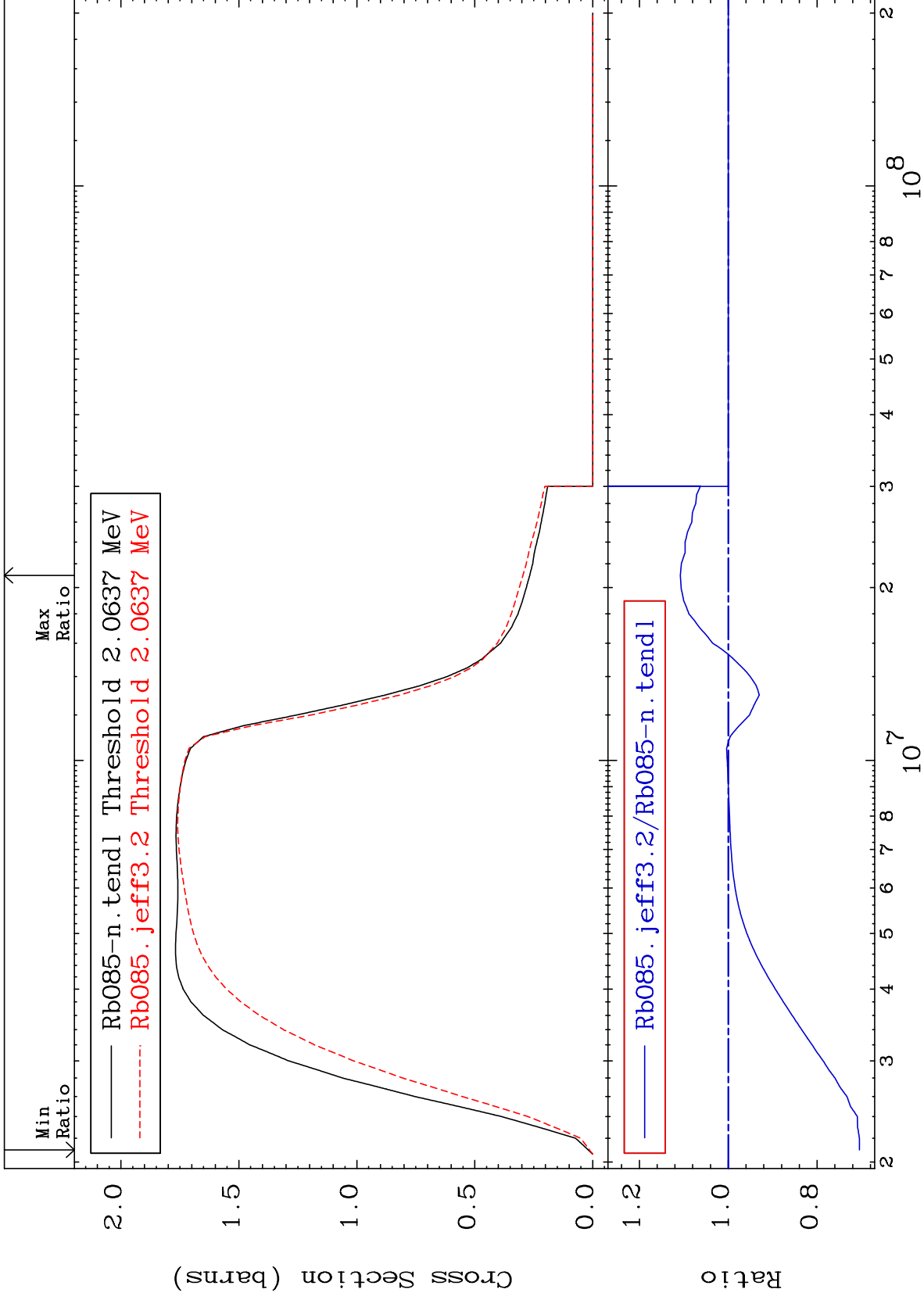
37-Rb-85

37-Rb-85



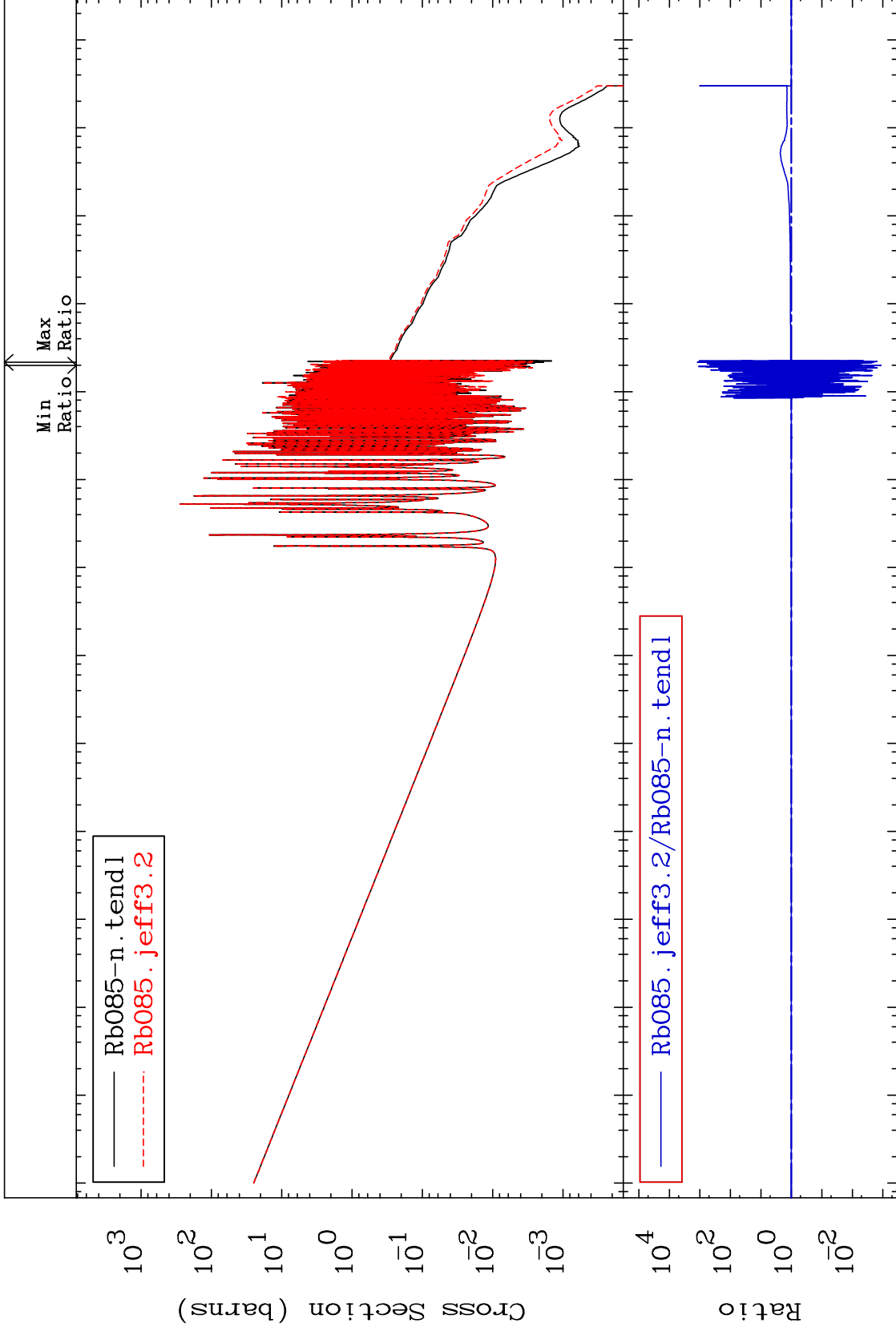






Cross Section

-99.89 To 9999. %



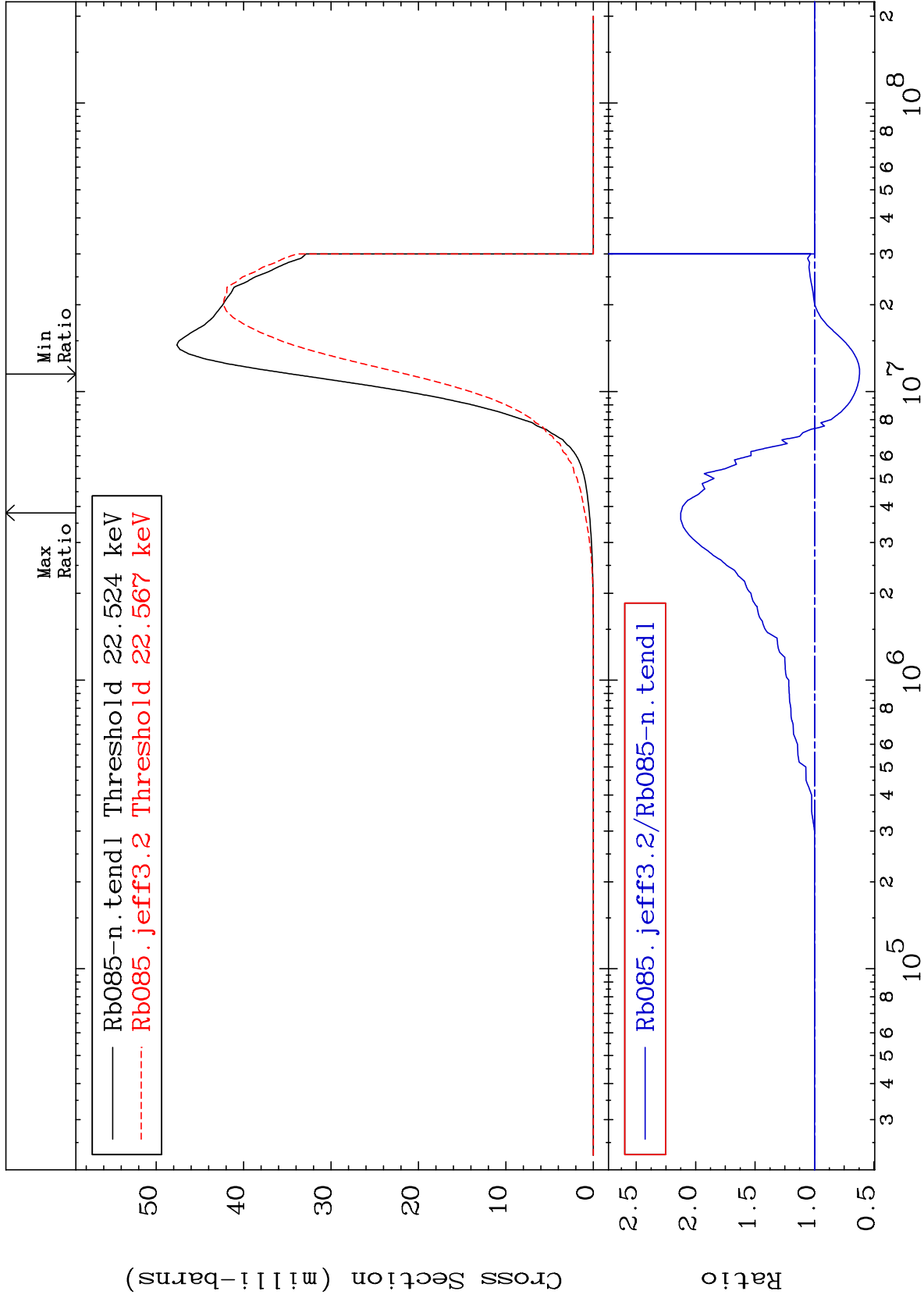
MAT 3725

(n, p)

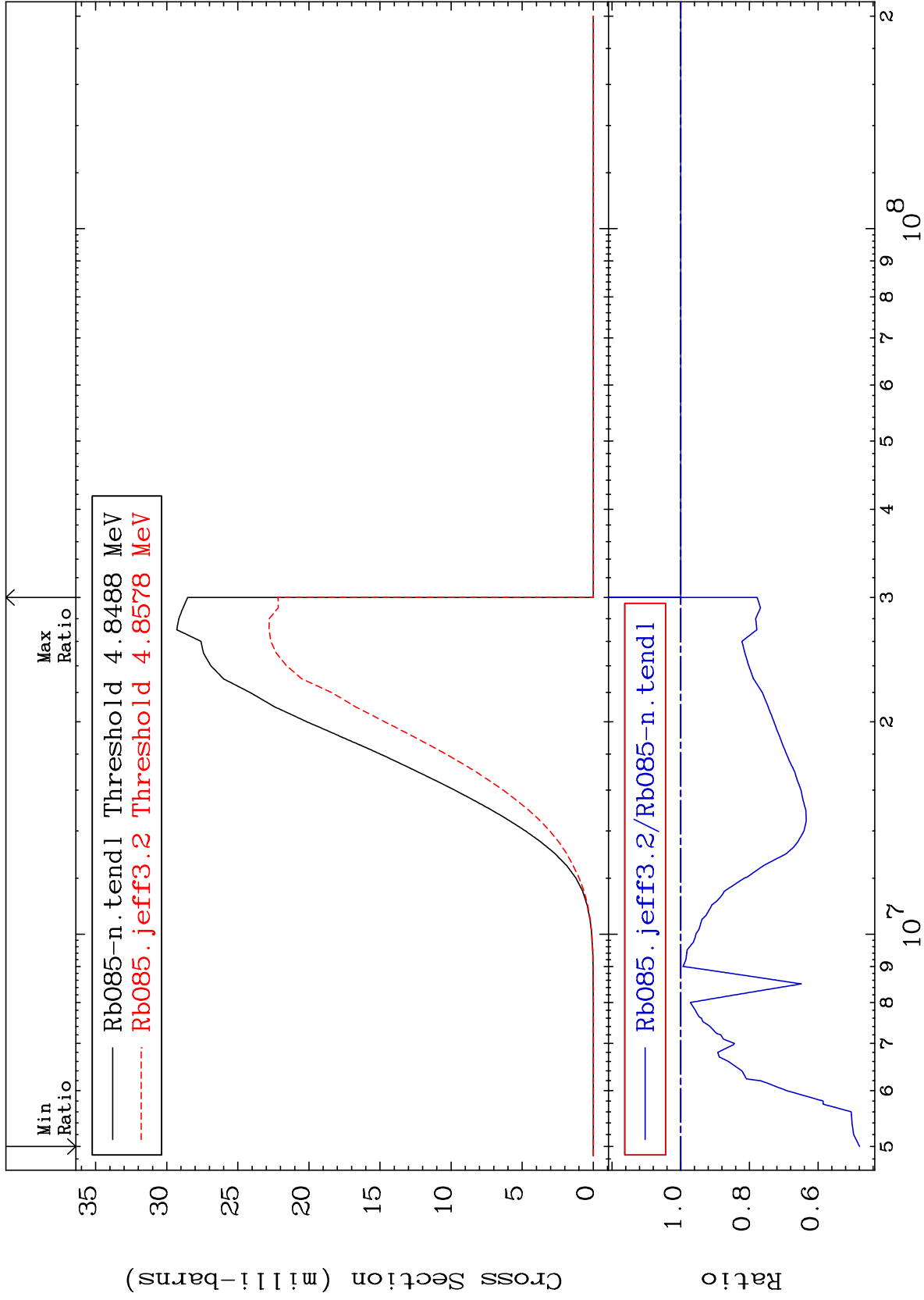
³⁷Rb-85

Cross Section

-37.88 To 112.5 %



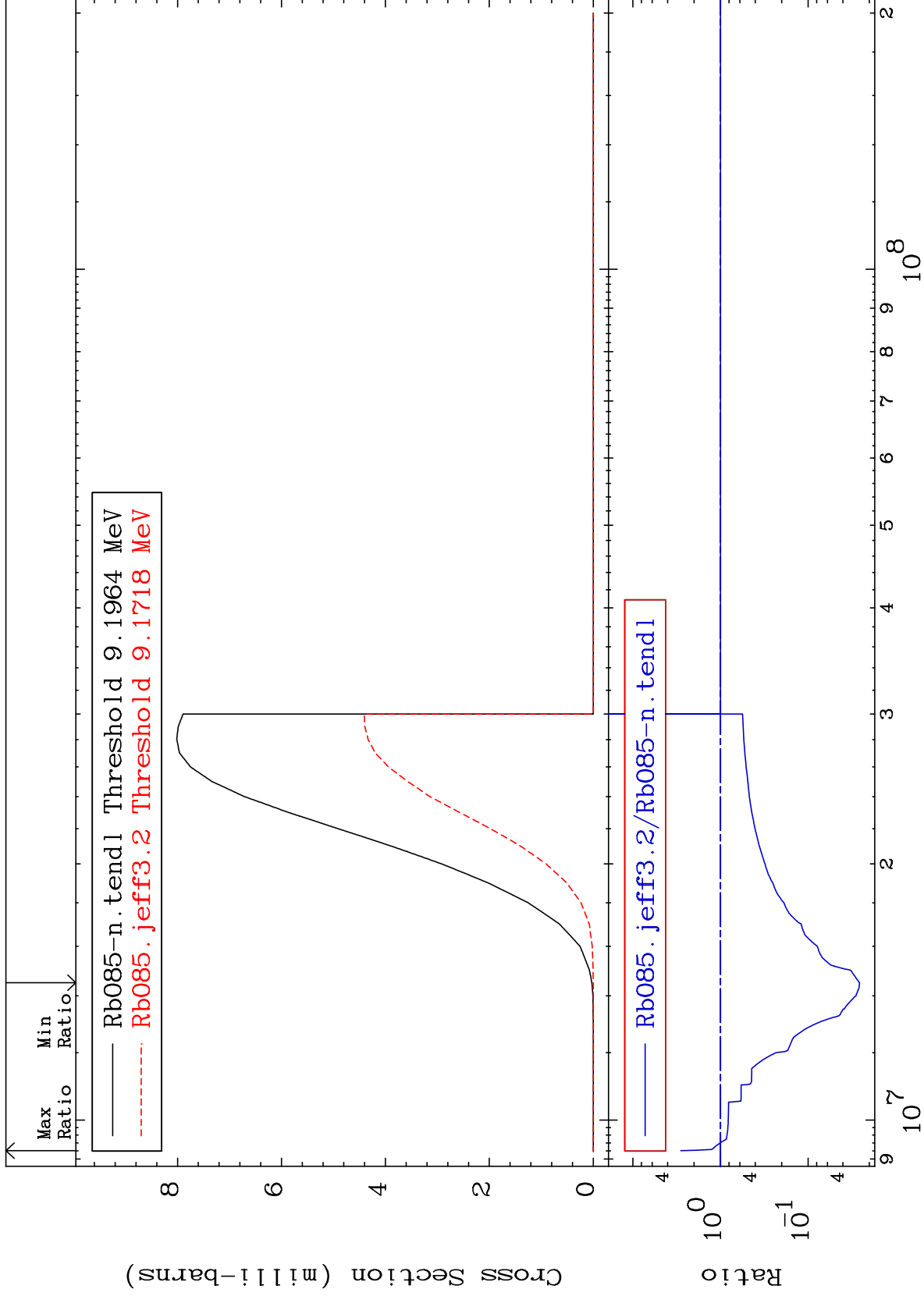
(n, d)
Cross Section
-52.08 To 0.000 %



MAT 3725

(n, t)
Cross Section

37-Rb-85
-97.41 To 183.6 %



53

37-Rb-85

37-Rb-85

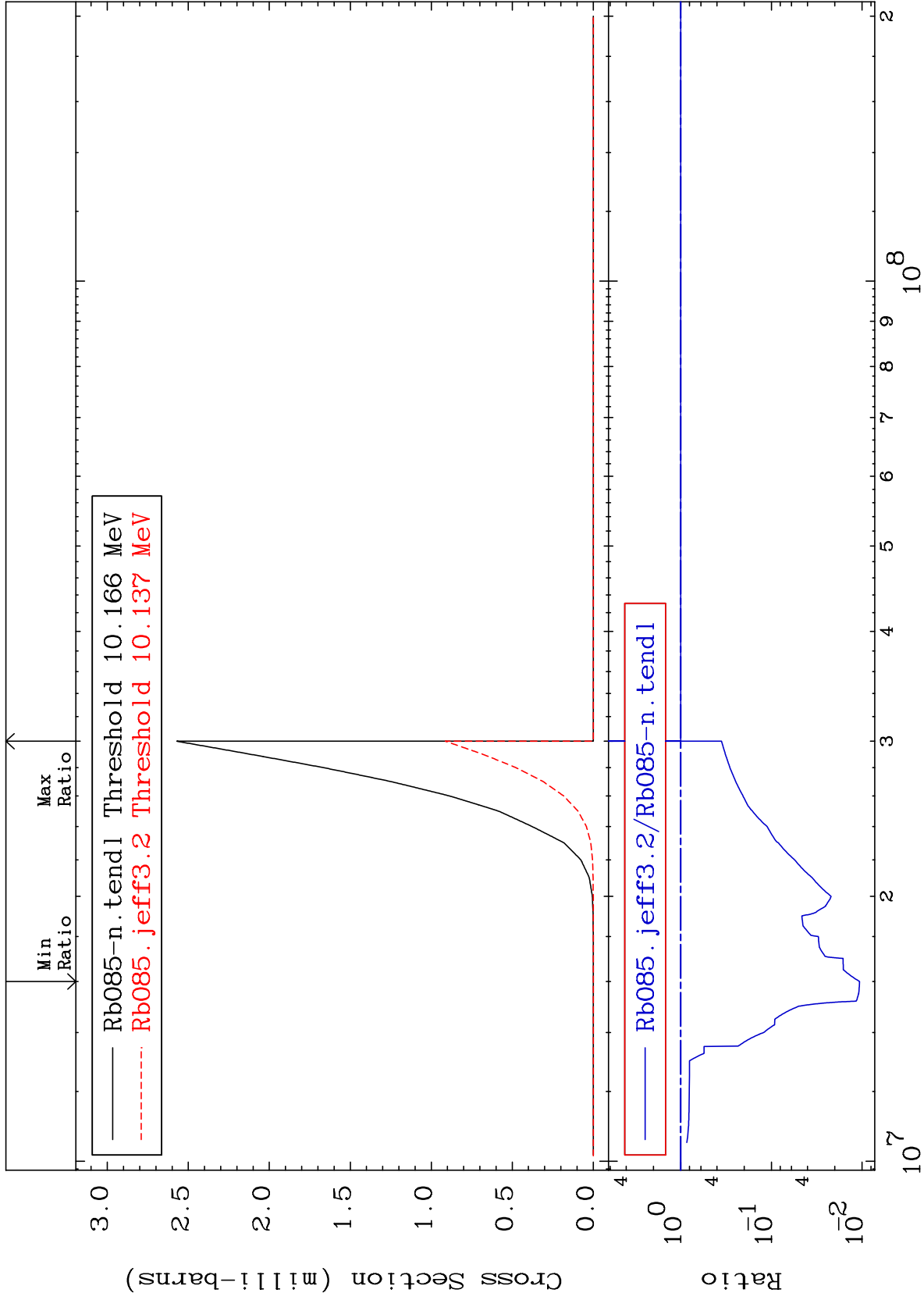
MAT 3725

(n, He-3)

37-Rb-85

Cross Section

-98.93 To 0.000 %



54

Incident Energy (eV)

37-Rb-85

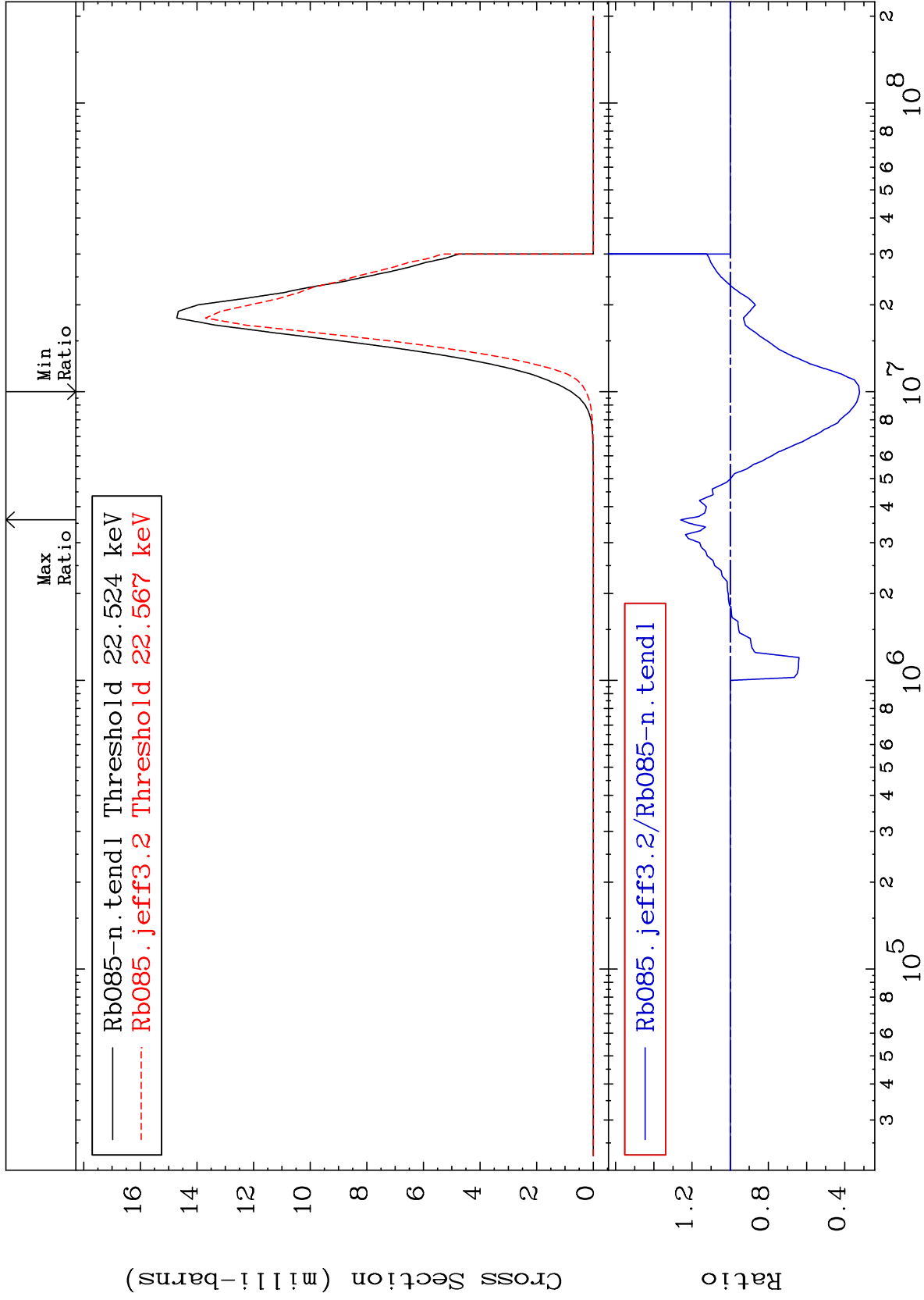
MAT 3725

(n, α)

37-Rb-85

Cross Section

-67.73 To 25.89 %



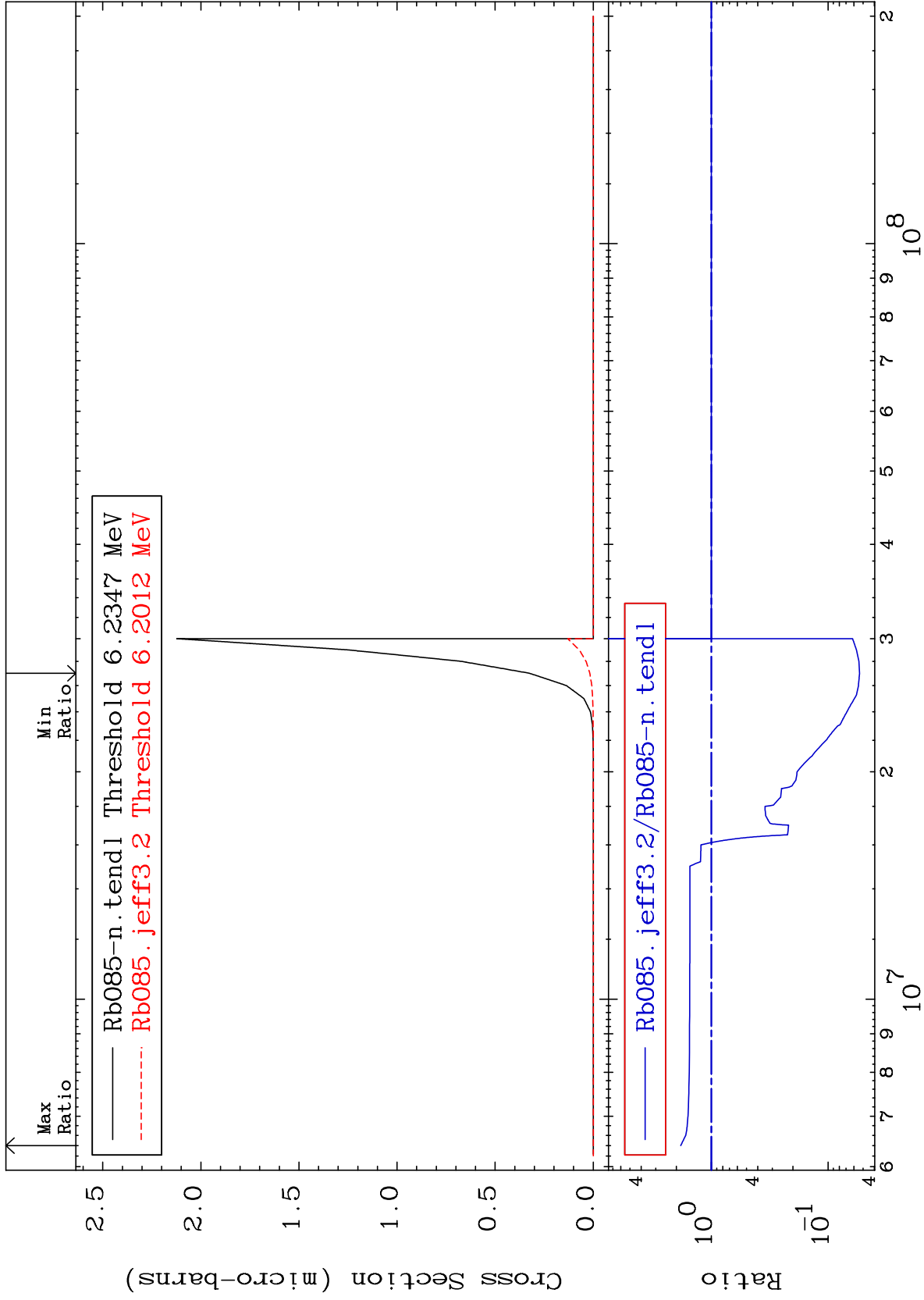
MAT 3725

(n,2α)

37-Rb-85

Cross Section

-94.64 To 83.17 %



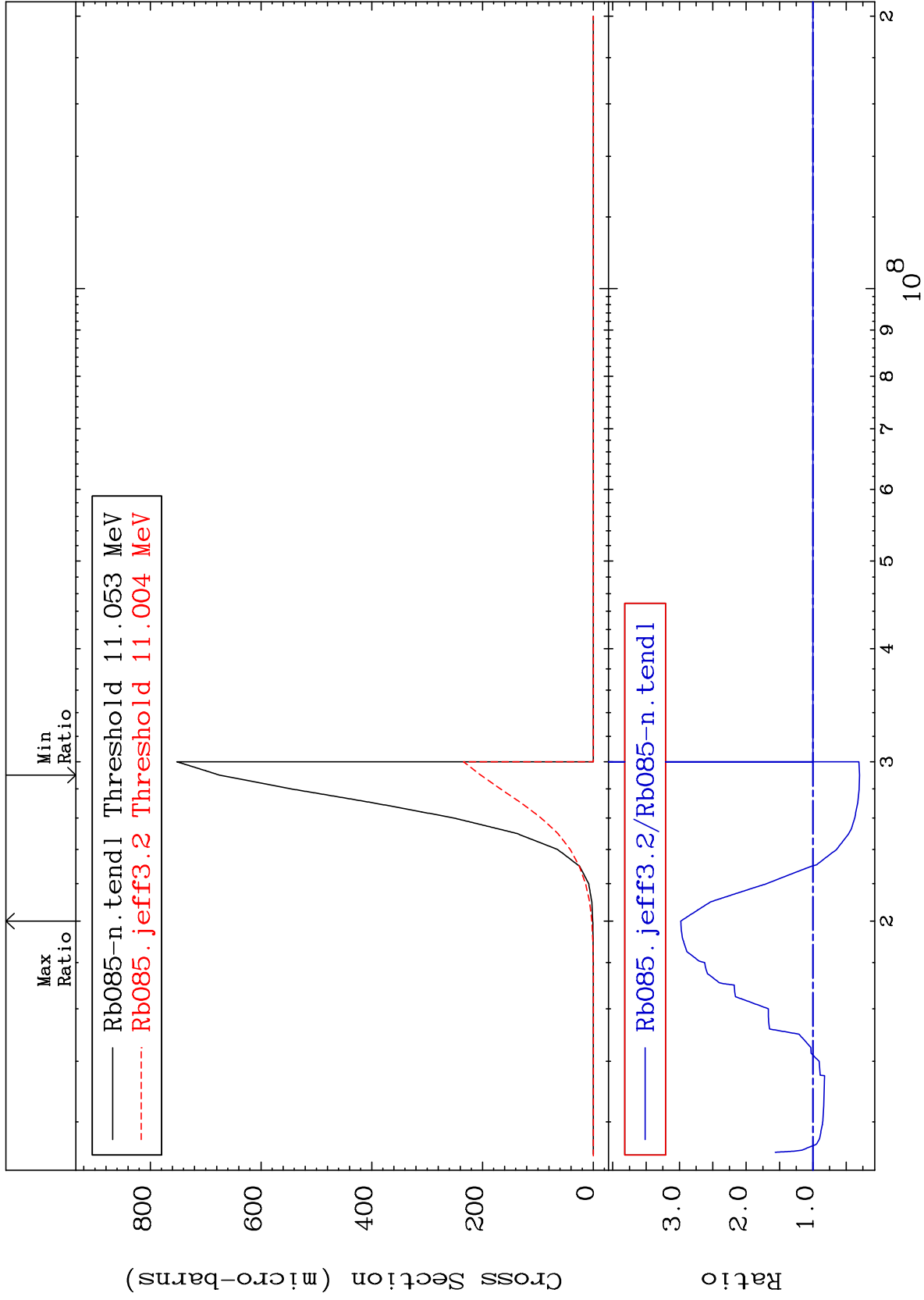
MAT 3725

(n,2p)

37-Rb-85

Cross Section

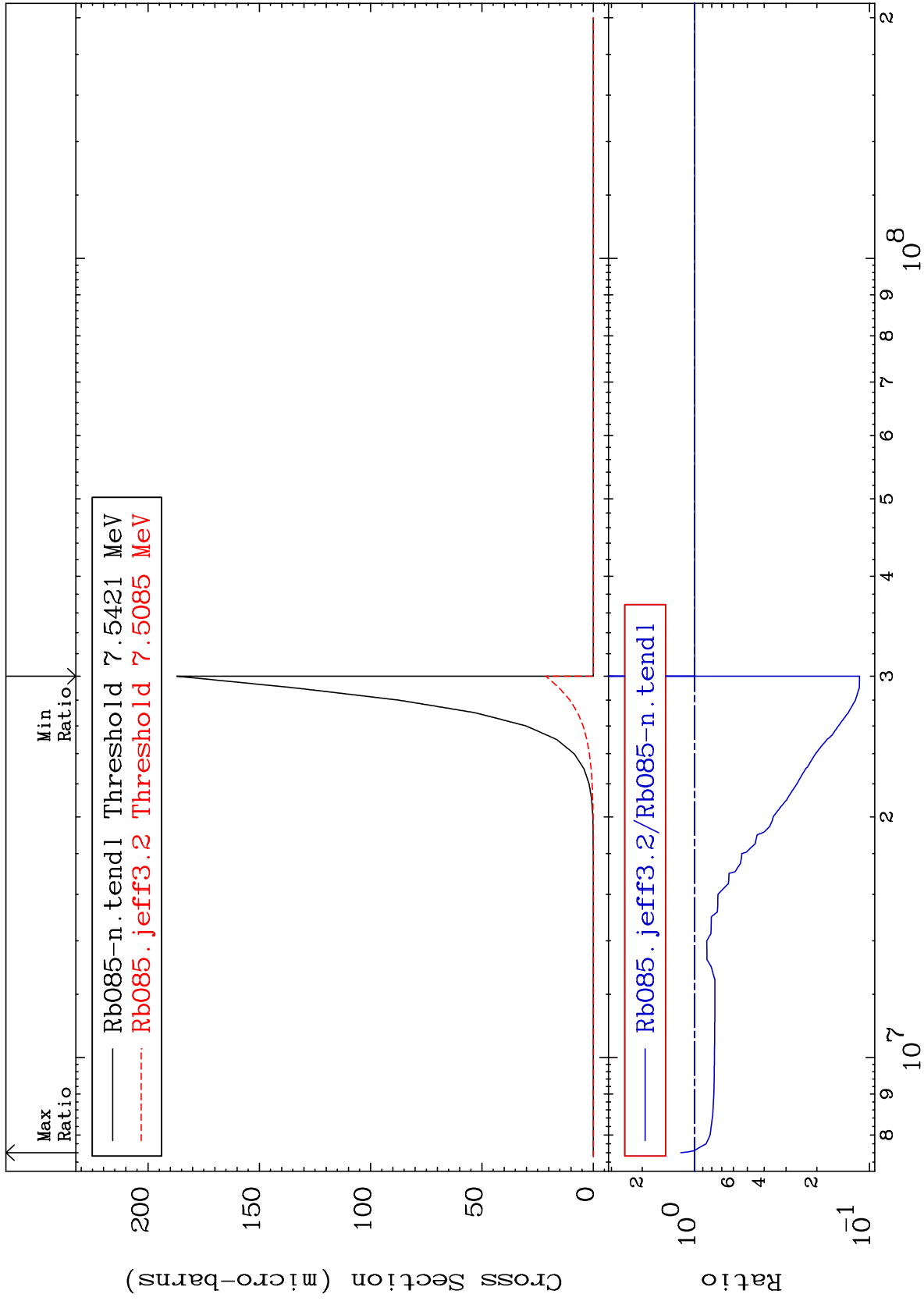
-69.90 To 198.0 %



57

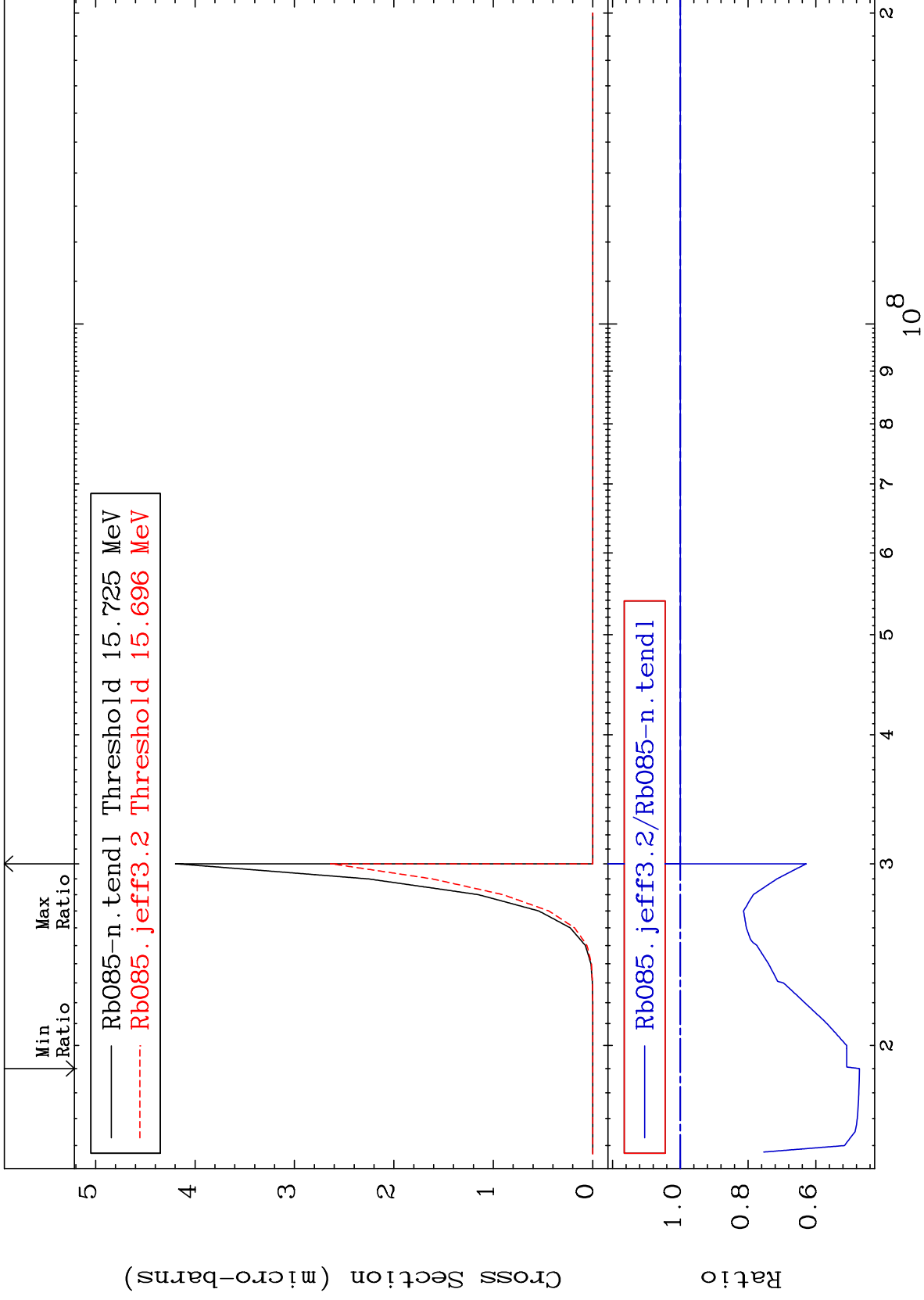
37-Rb-85

37-Rb-85



Cross Section

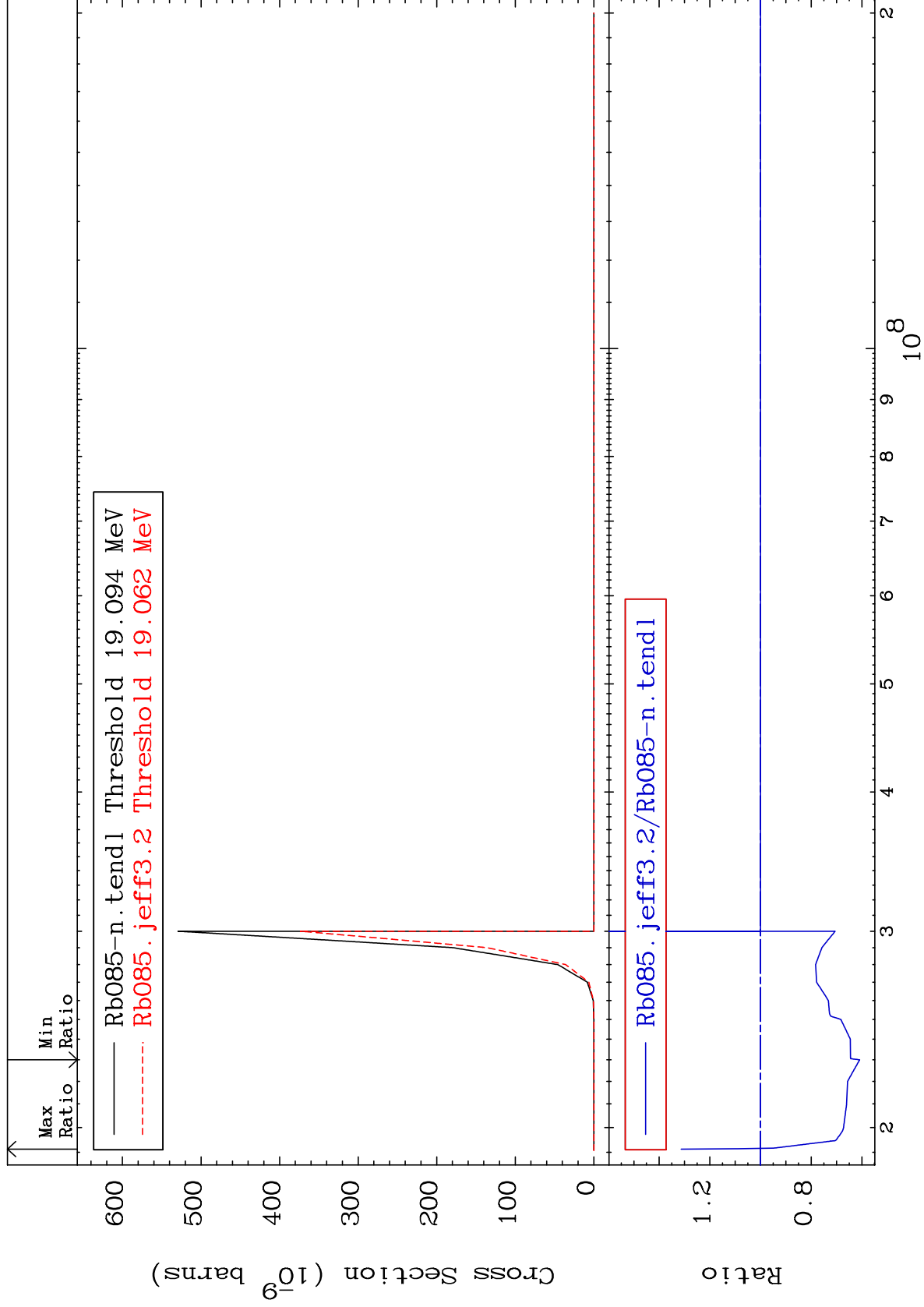
-52.86 To 0.000 %



MAT 3725

(n,p) t
Cross Section

37-Rb-85
-39.14 To 31.32 %



60

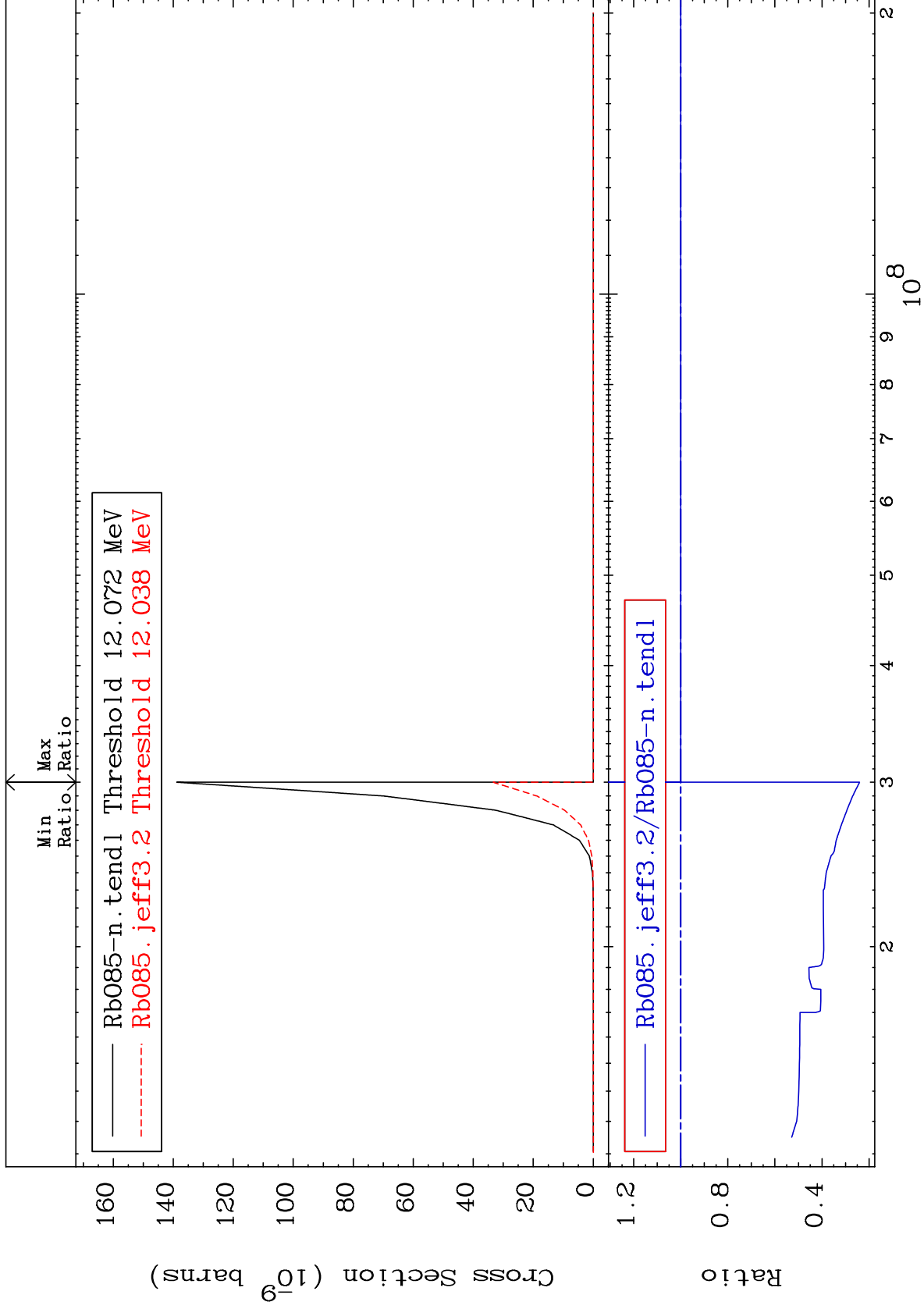
Incident Energy (eV)

37-Rb-85

MAT 3725

(n, d) α
Cross Section

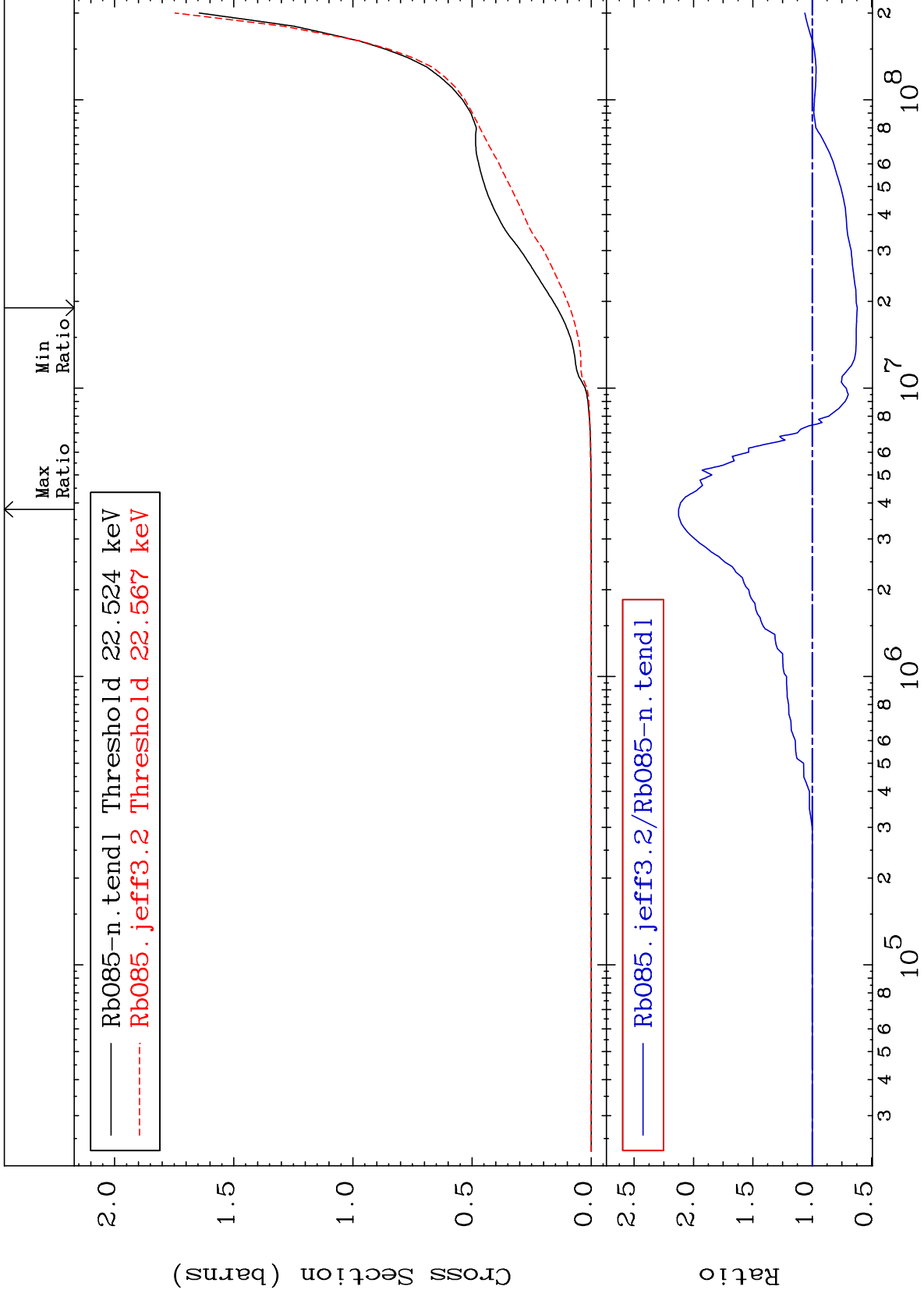
37-Rb-85
-75.96 To 0.000 %

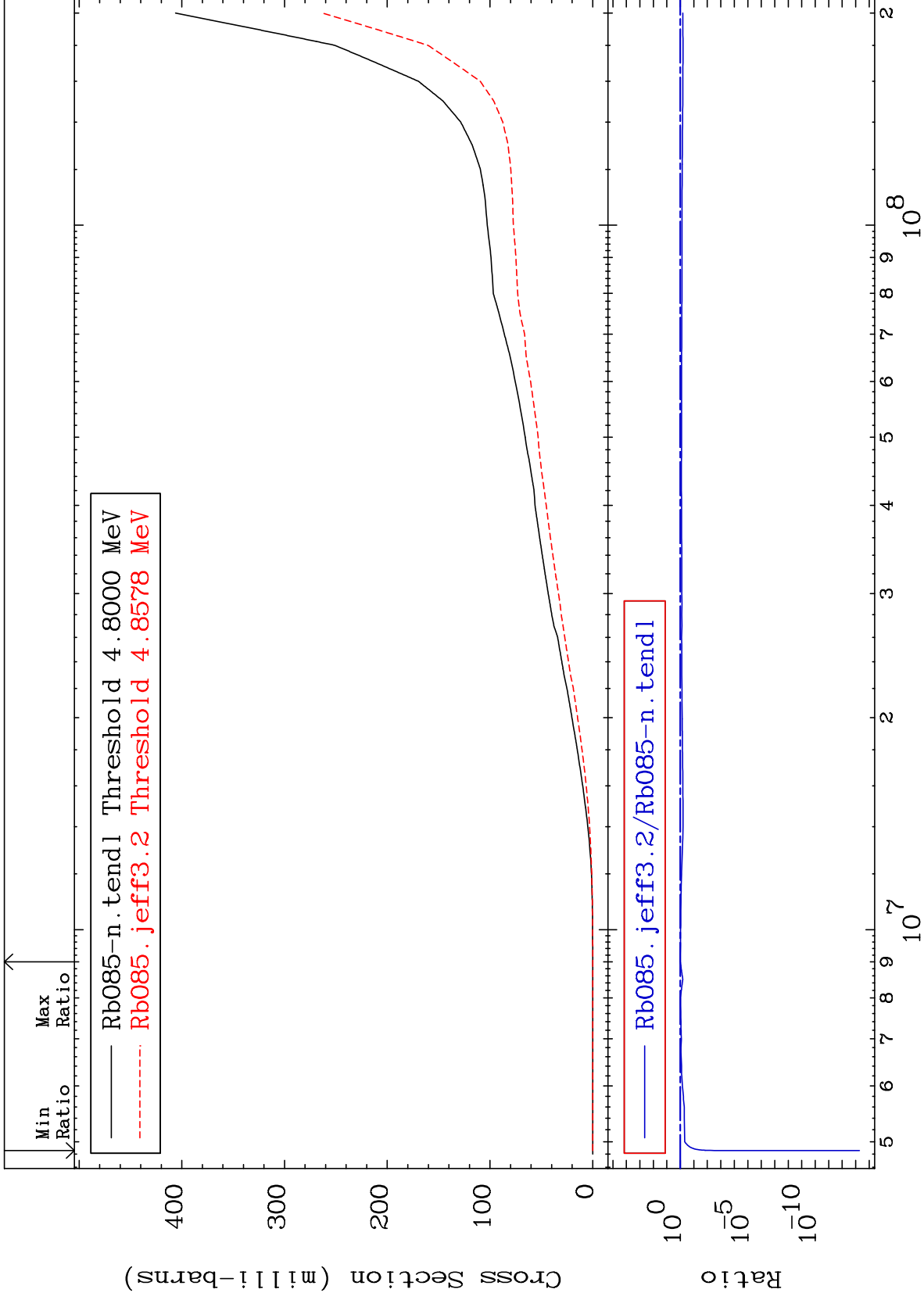


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Incident Energy (eV)

37-Rb-85

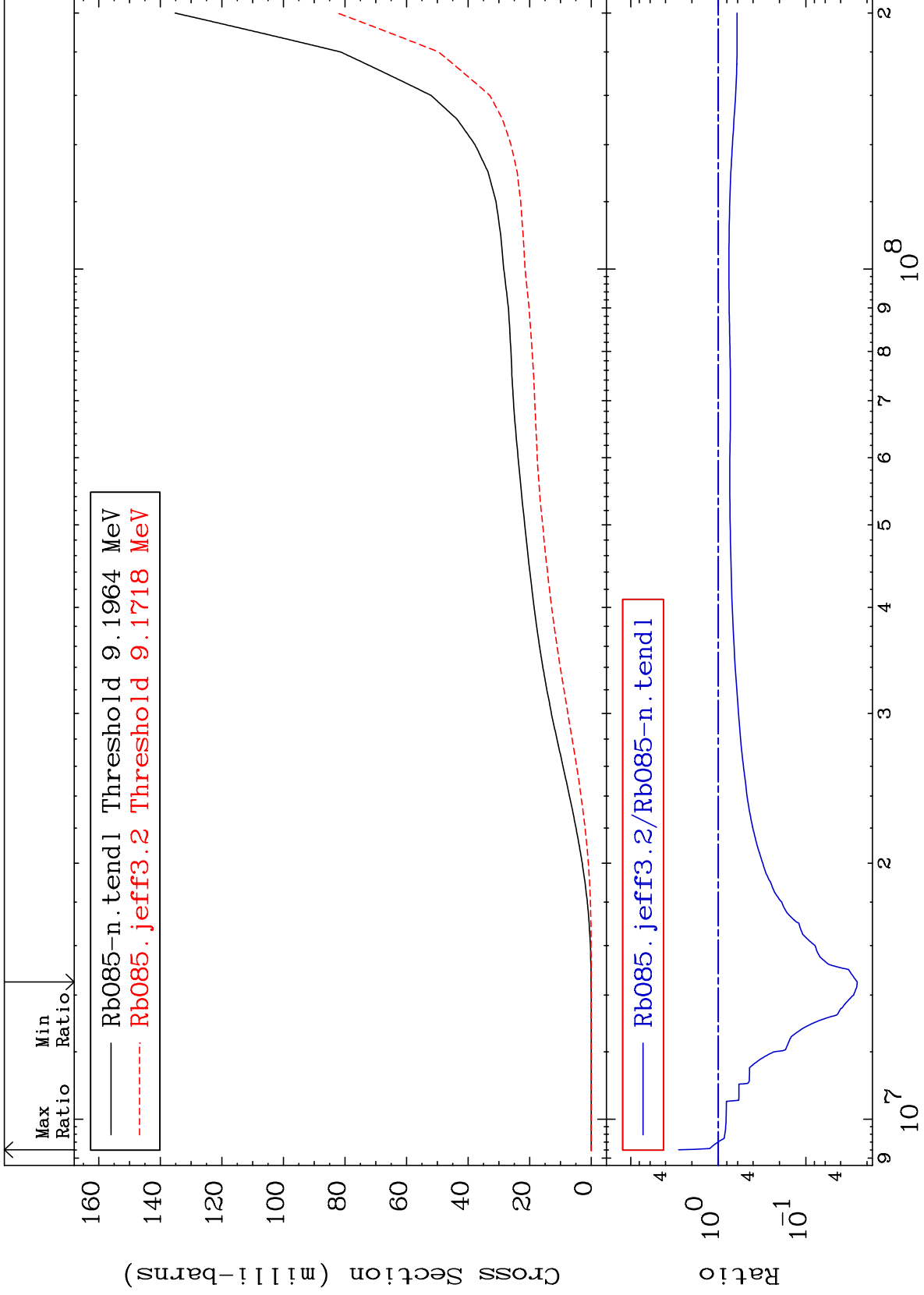




MAT 3725

Tritium Production
Cross Section

³⁷Rb-85
-97.41 To 183.6 %



64

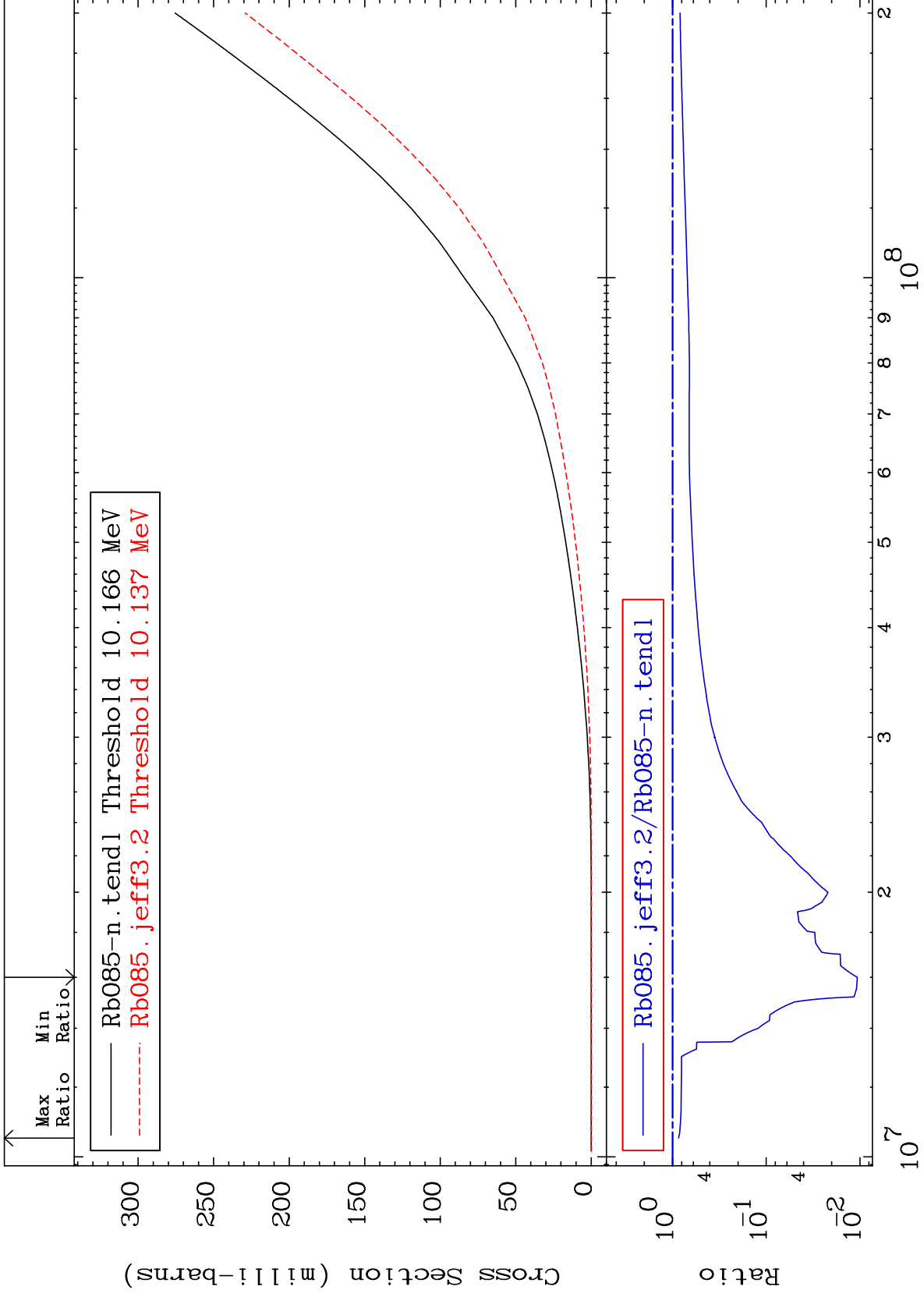
Incident Energy (eV)

³⁷Rb-85

MAT 3725

He-3 Production
Cross Section

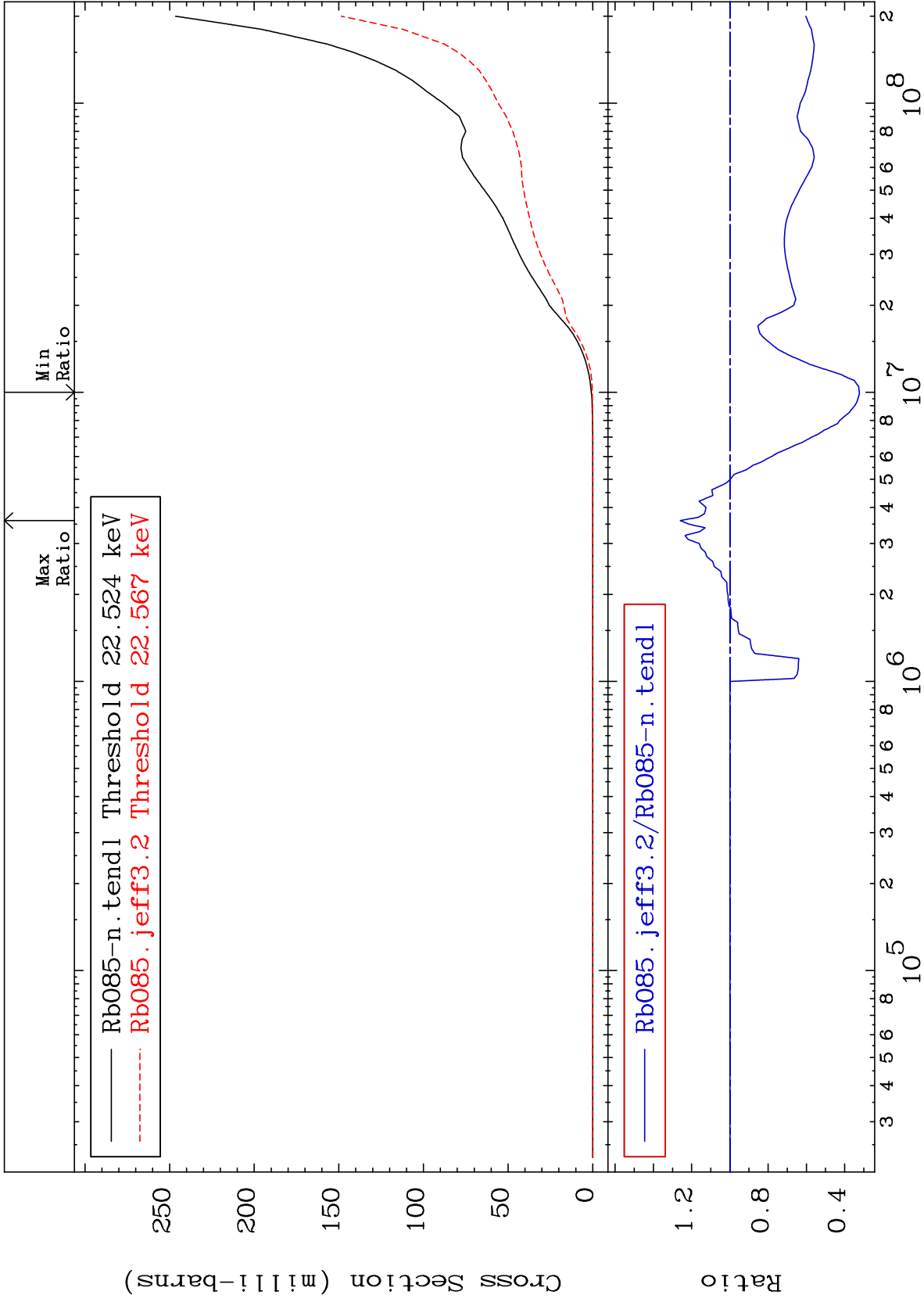
³⁷Rb-85
-98.93 To -13.92%

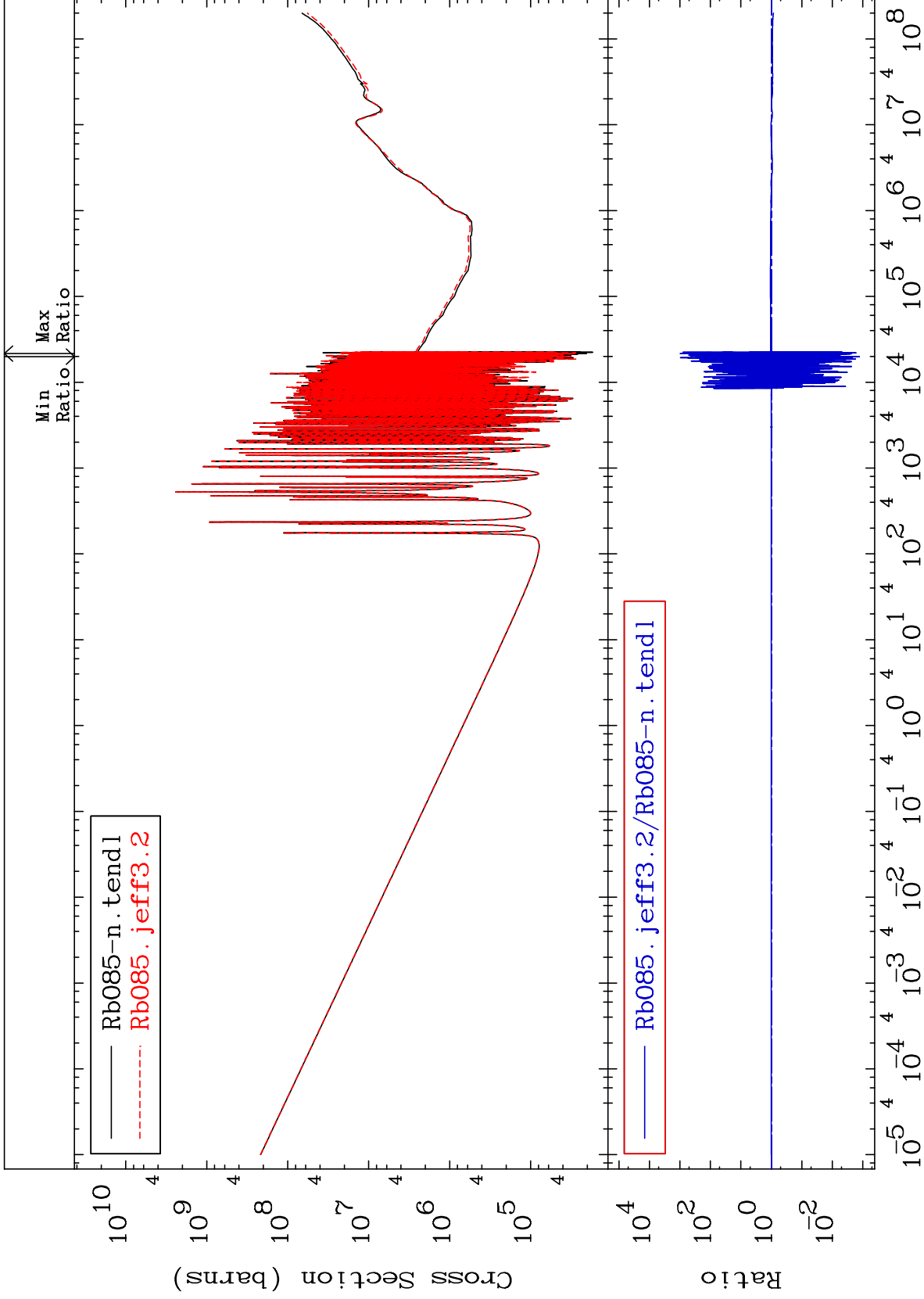


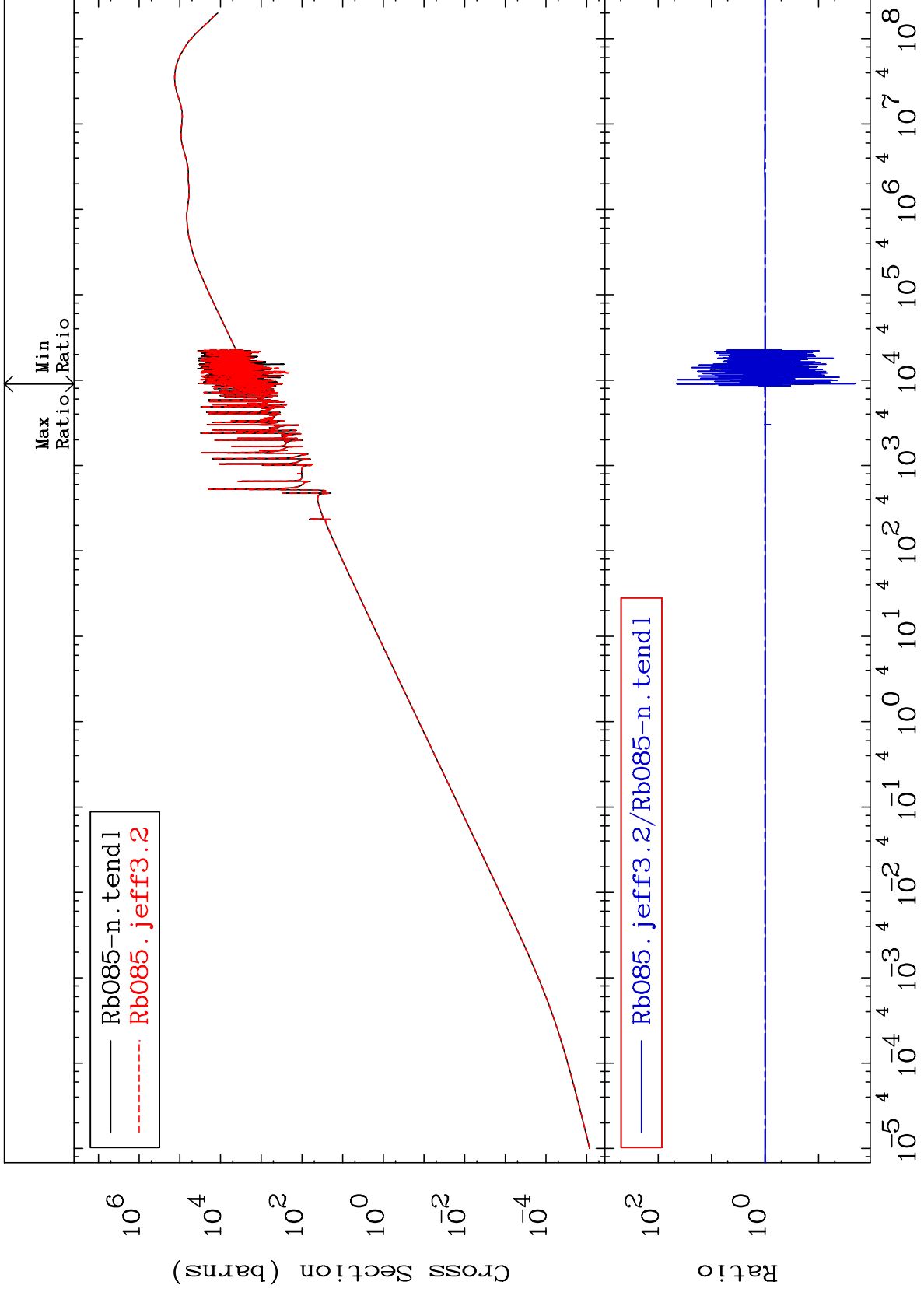
65

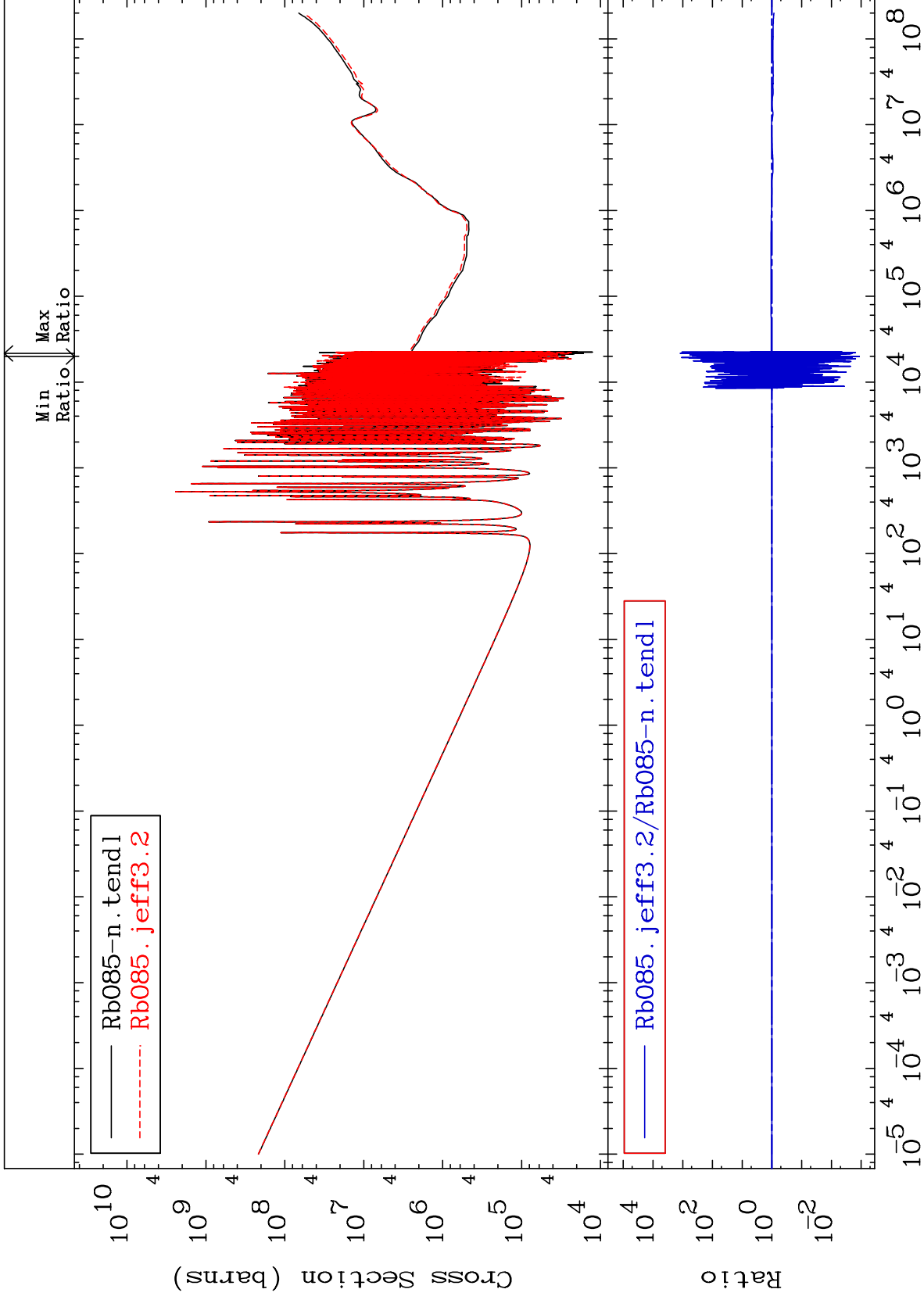
Incident Energy (eV)

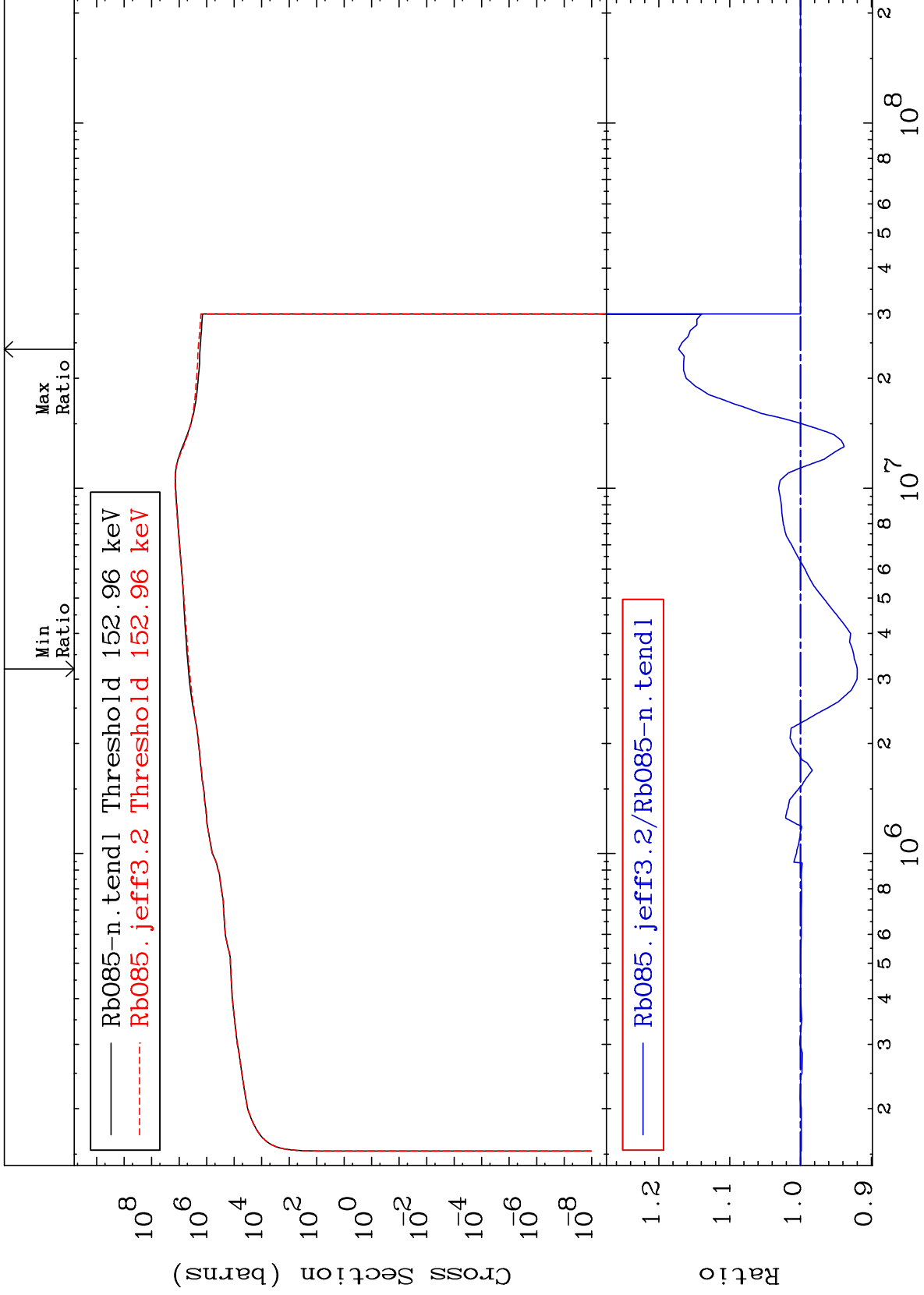
³⁷Rb-85







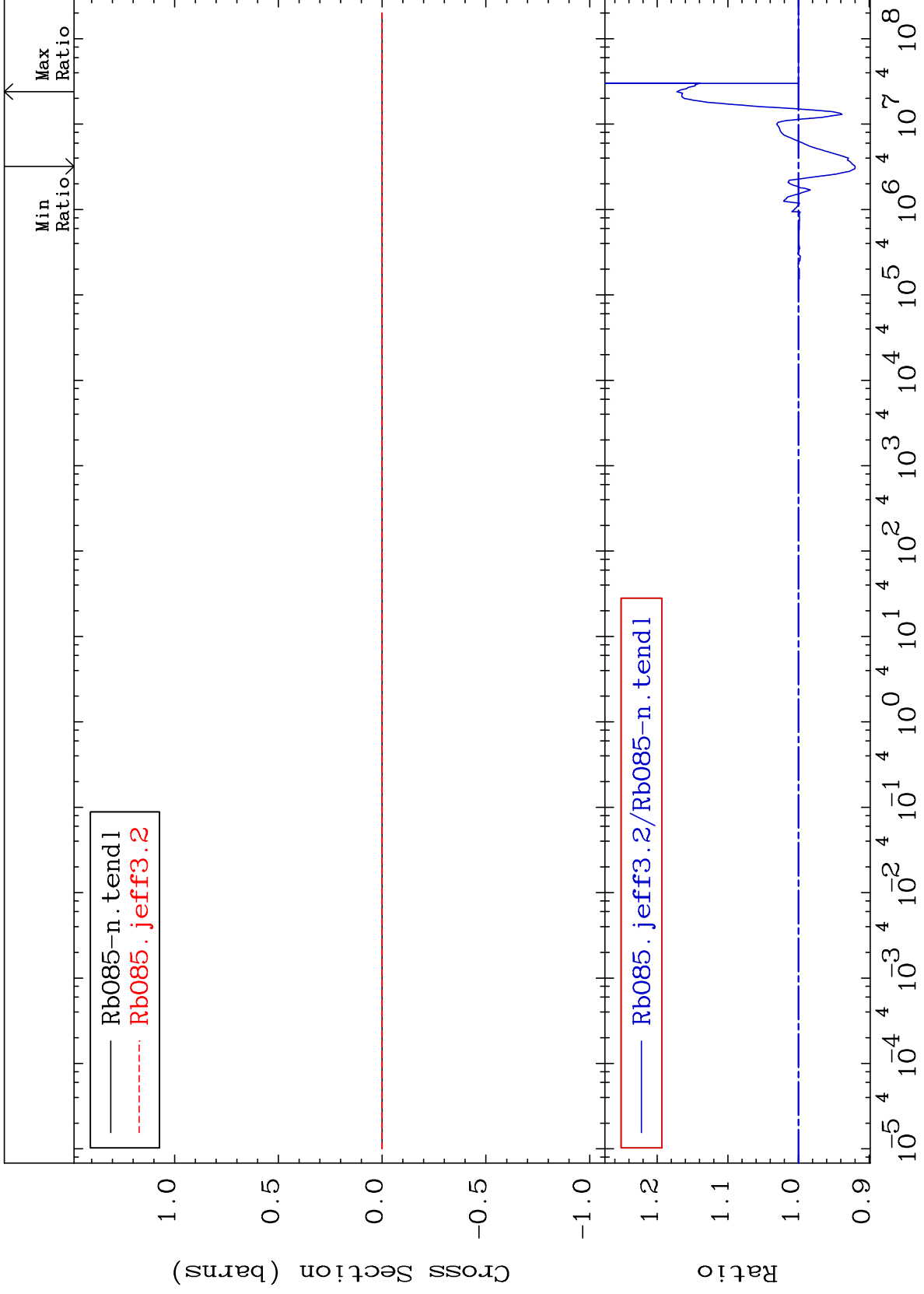


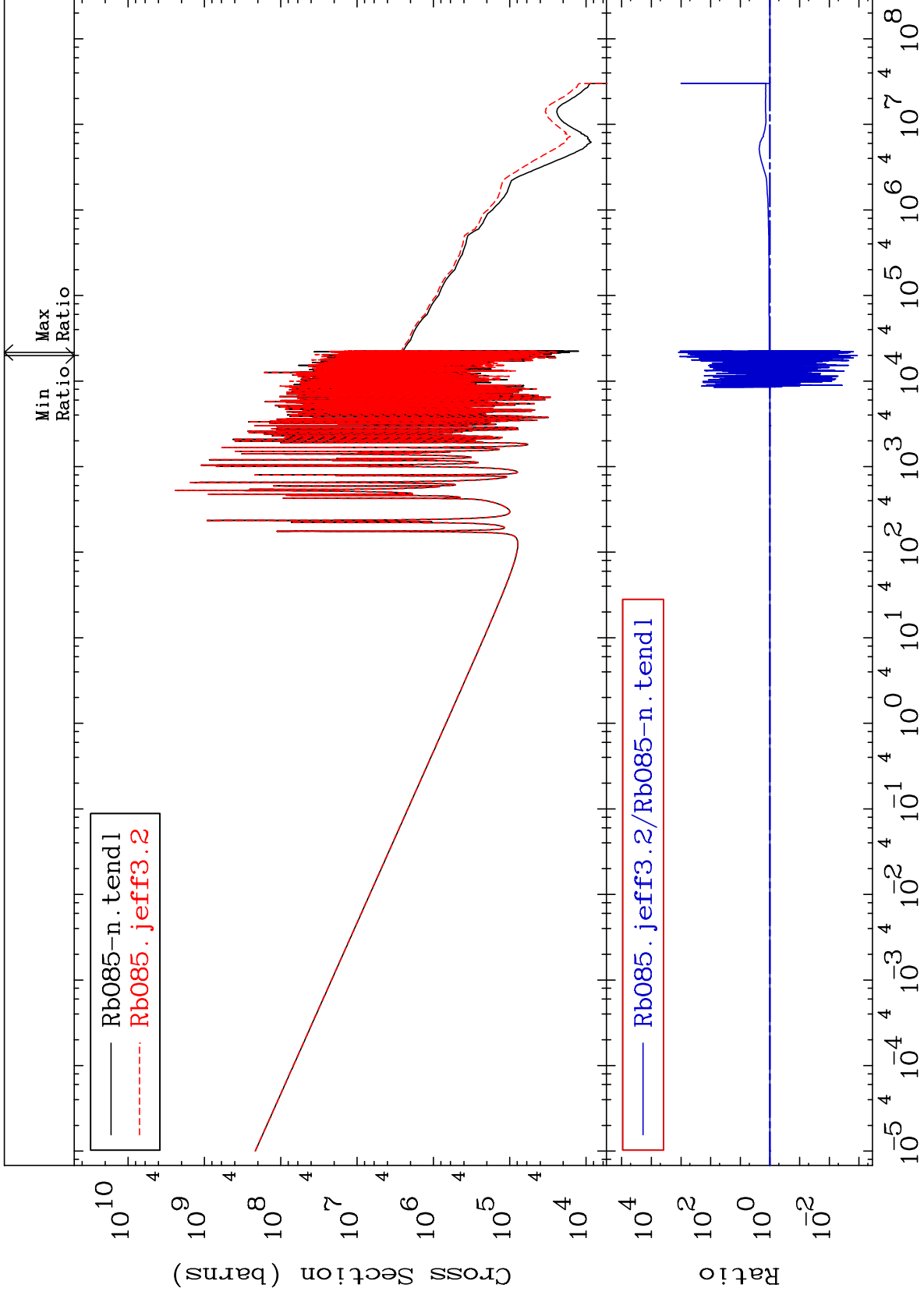


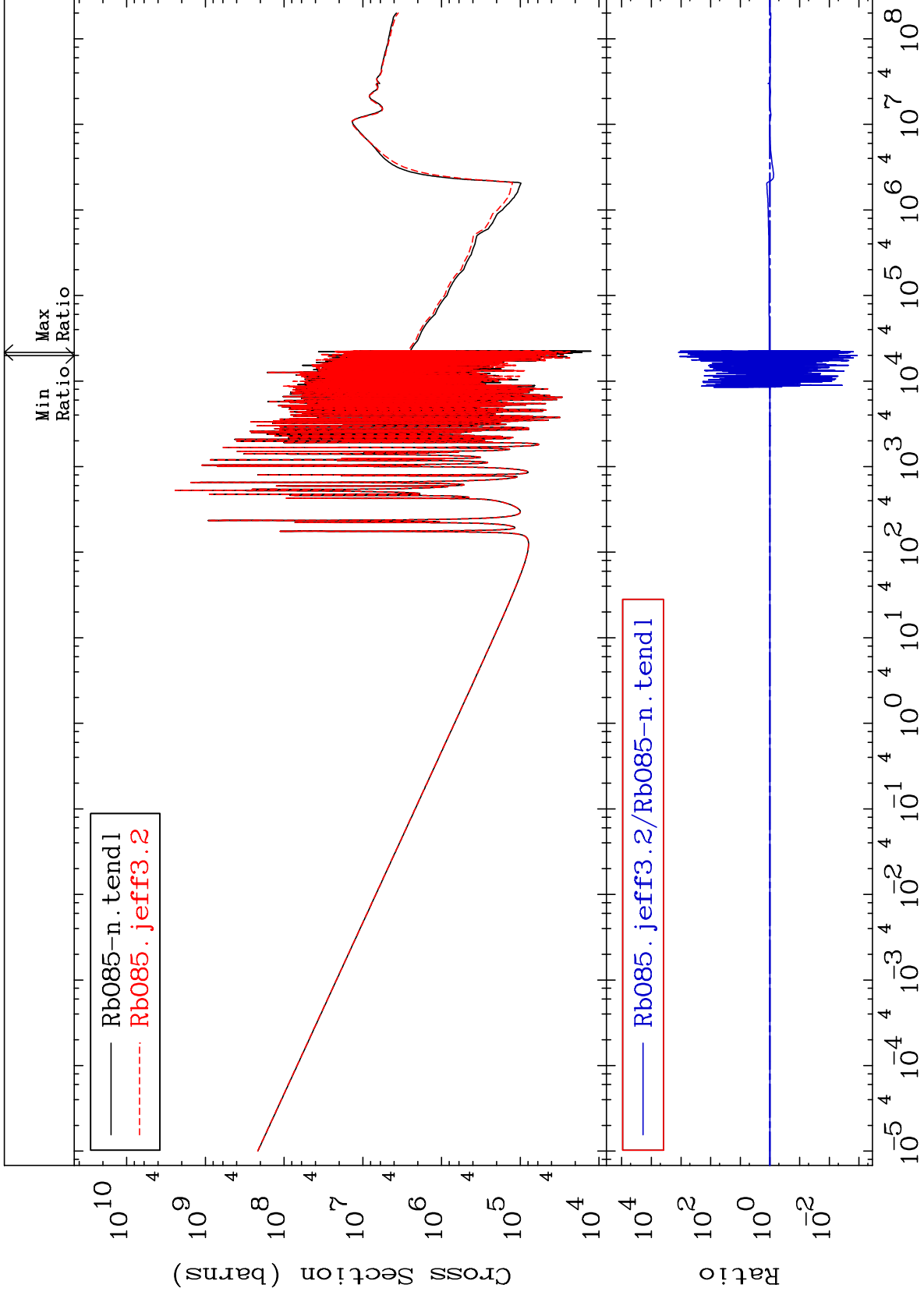
MAT 3725

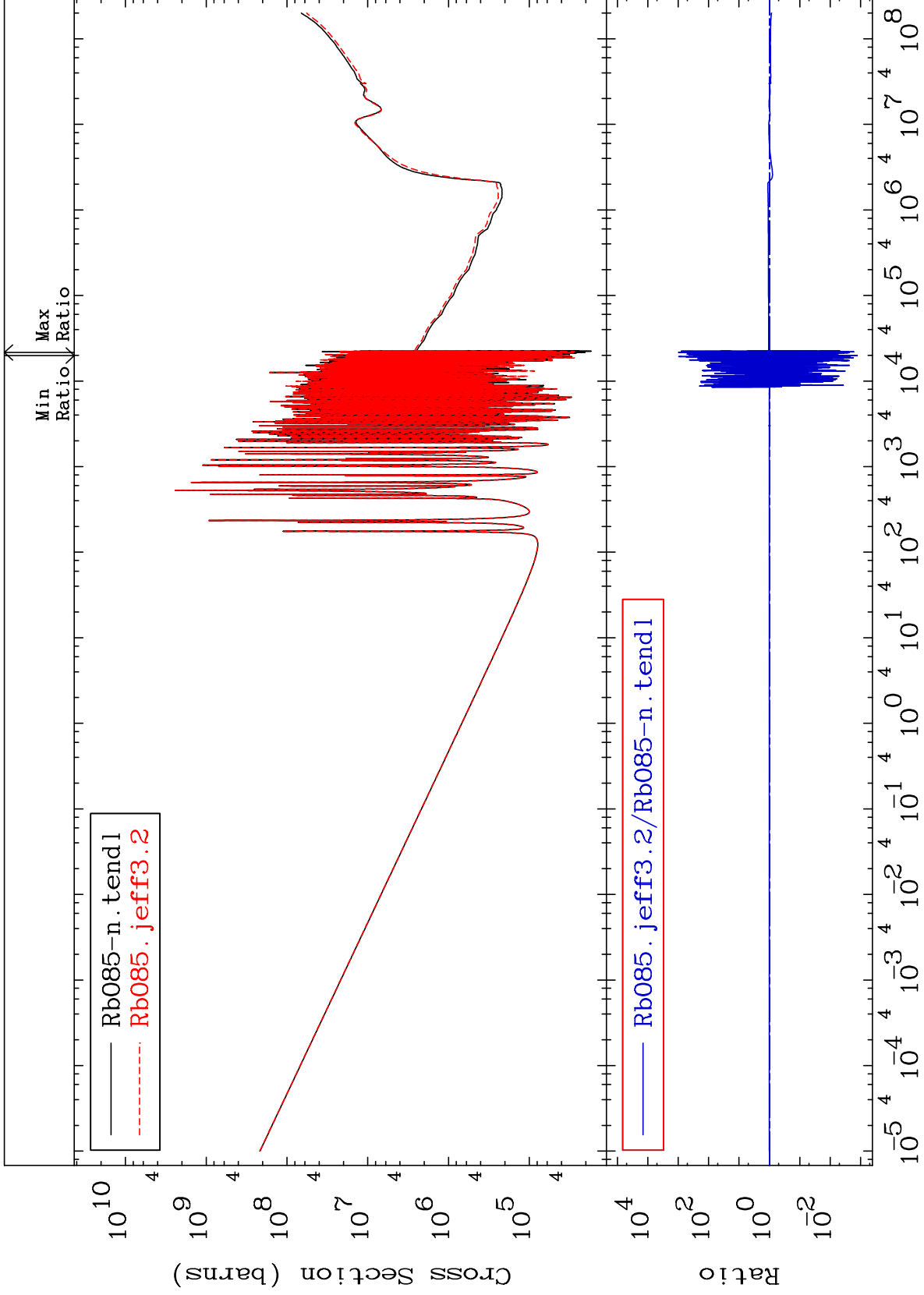
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

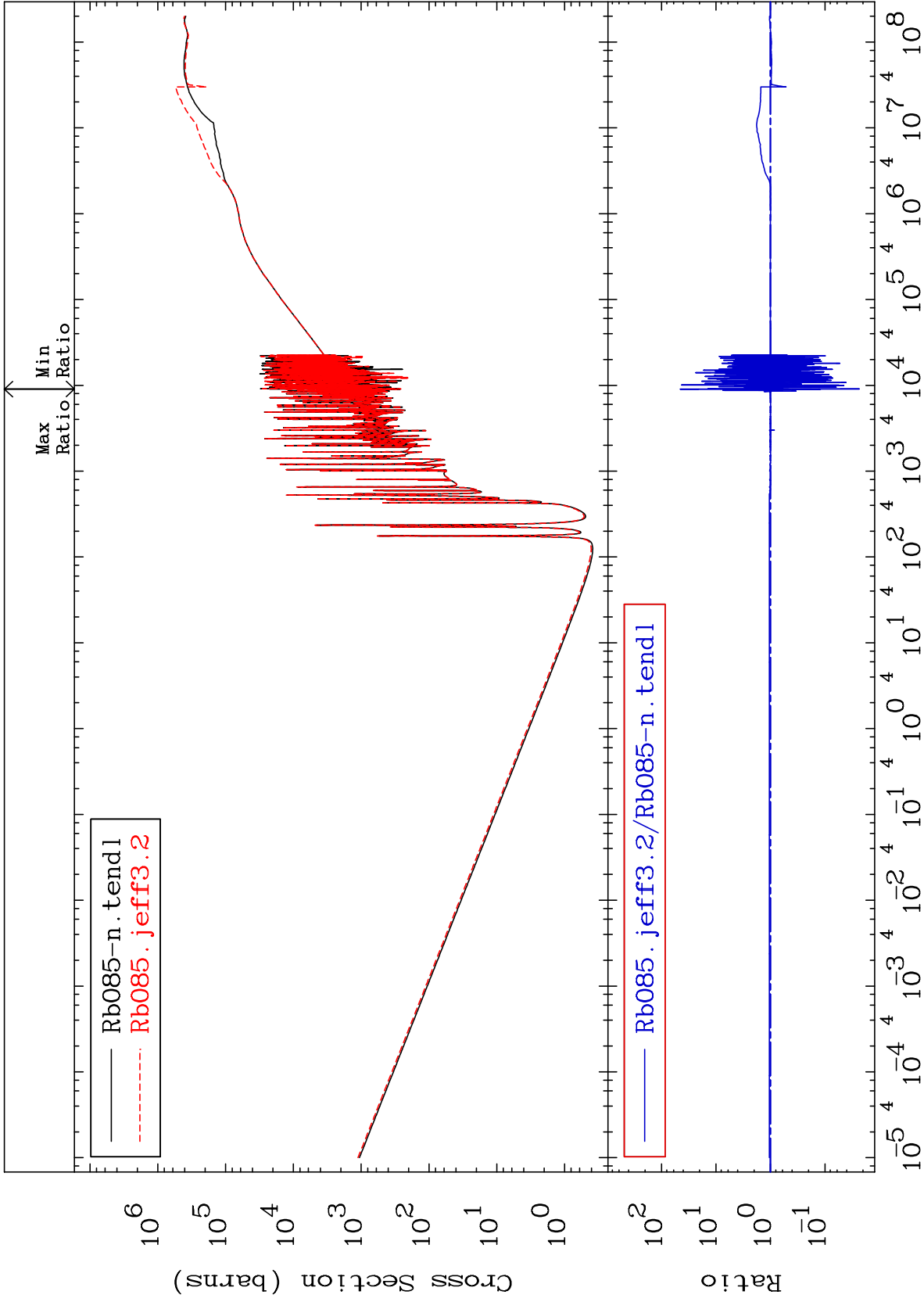
37-Rb-85
-8.015 To 17.21 %







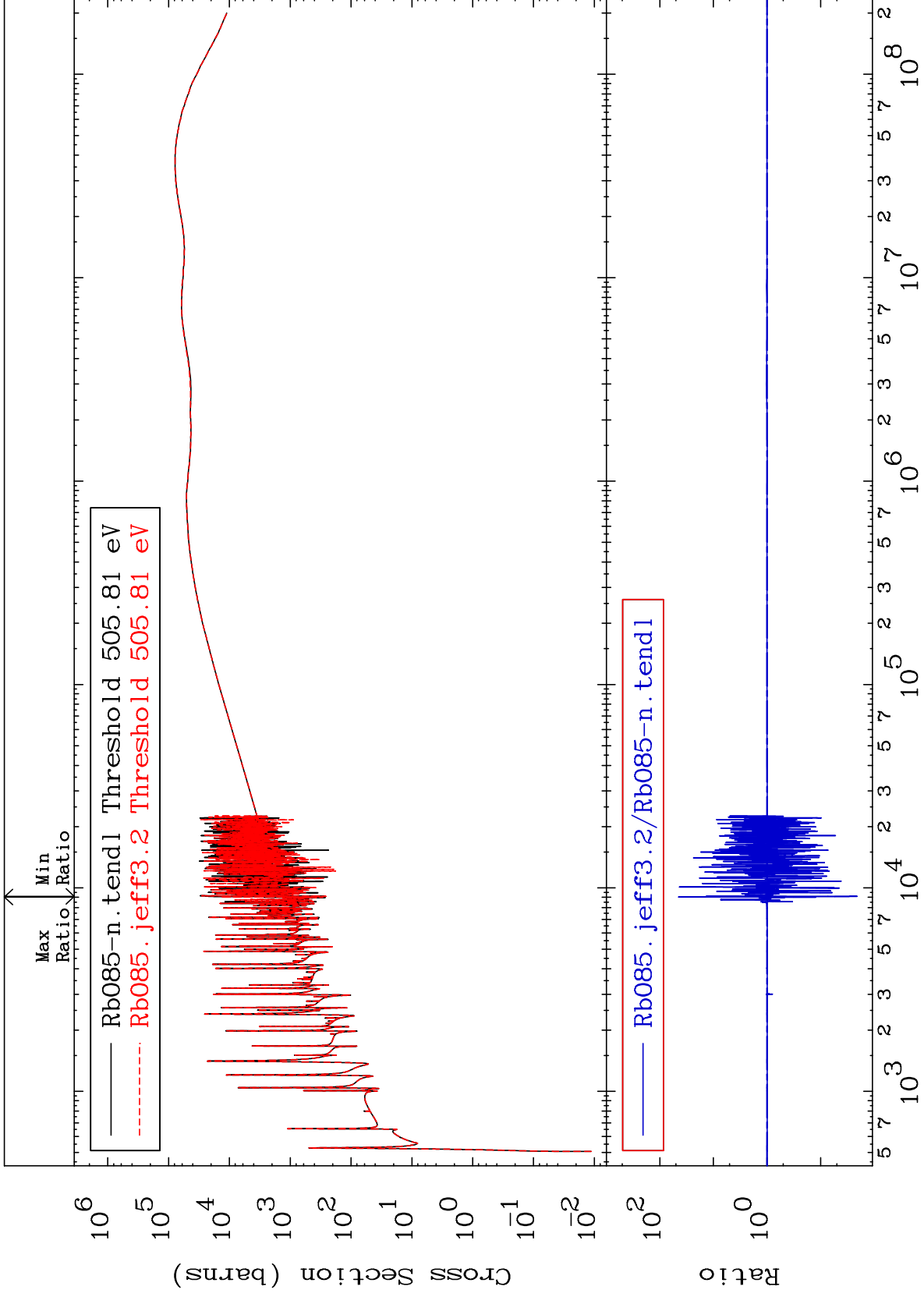


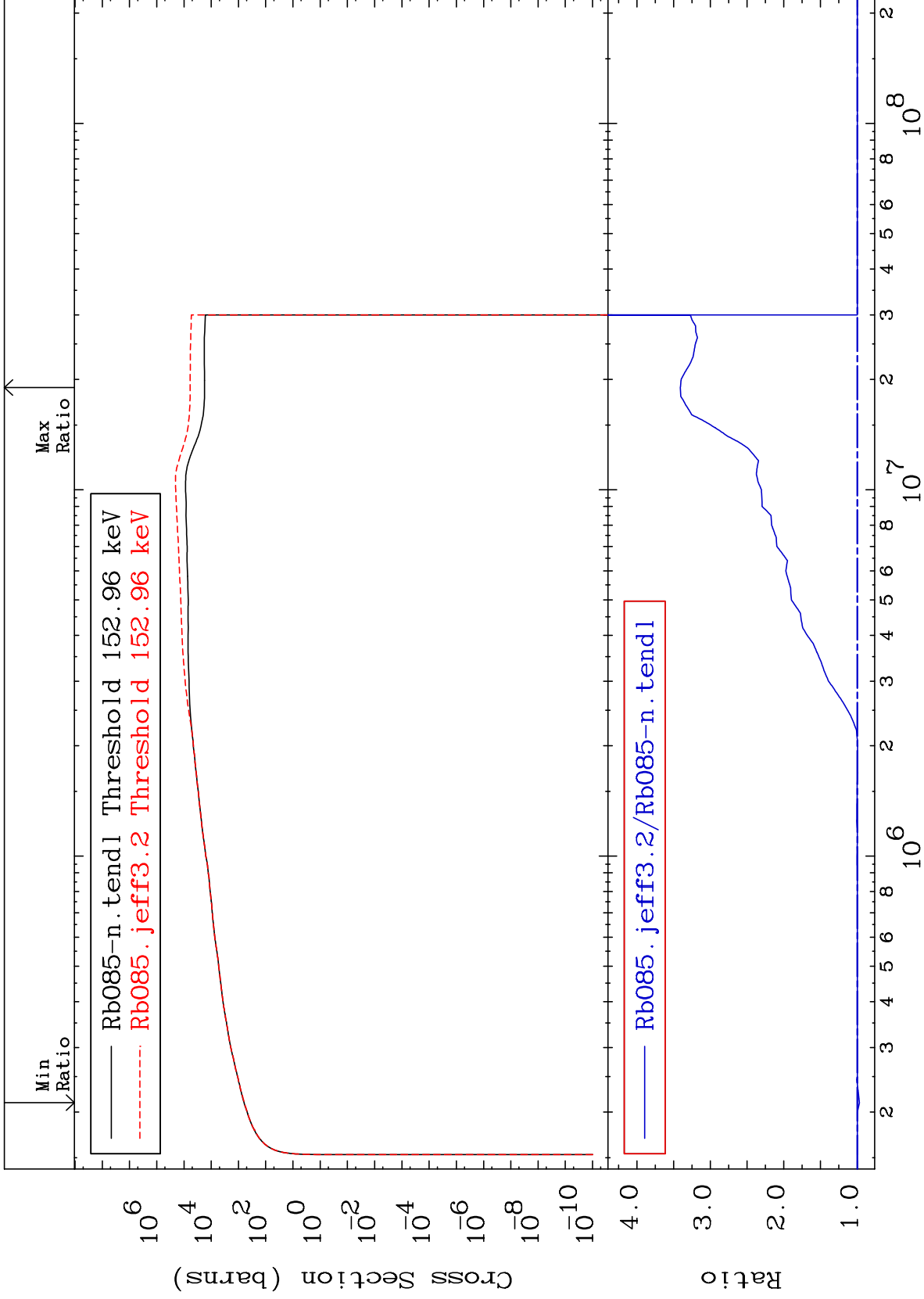


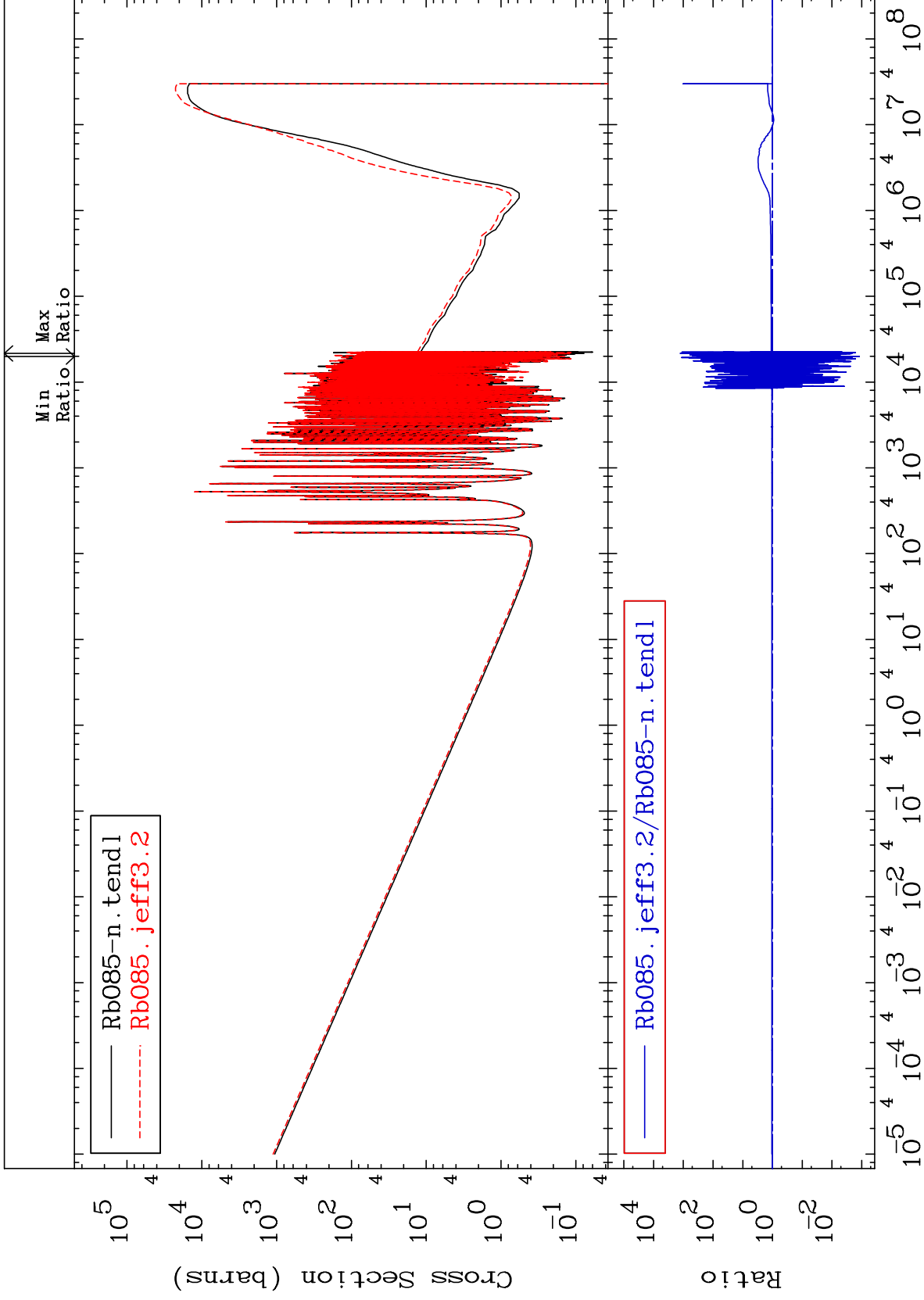
MAT 3725

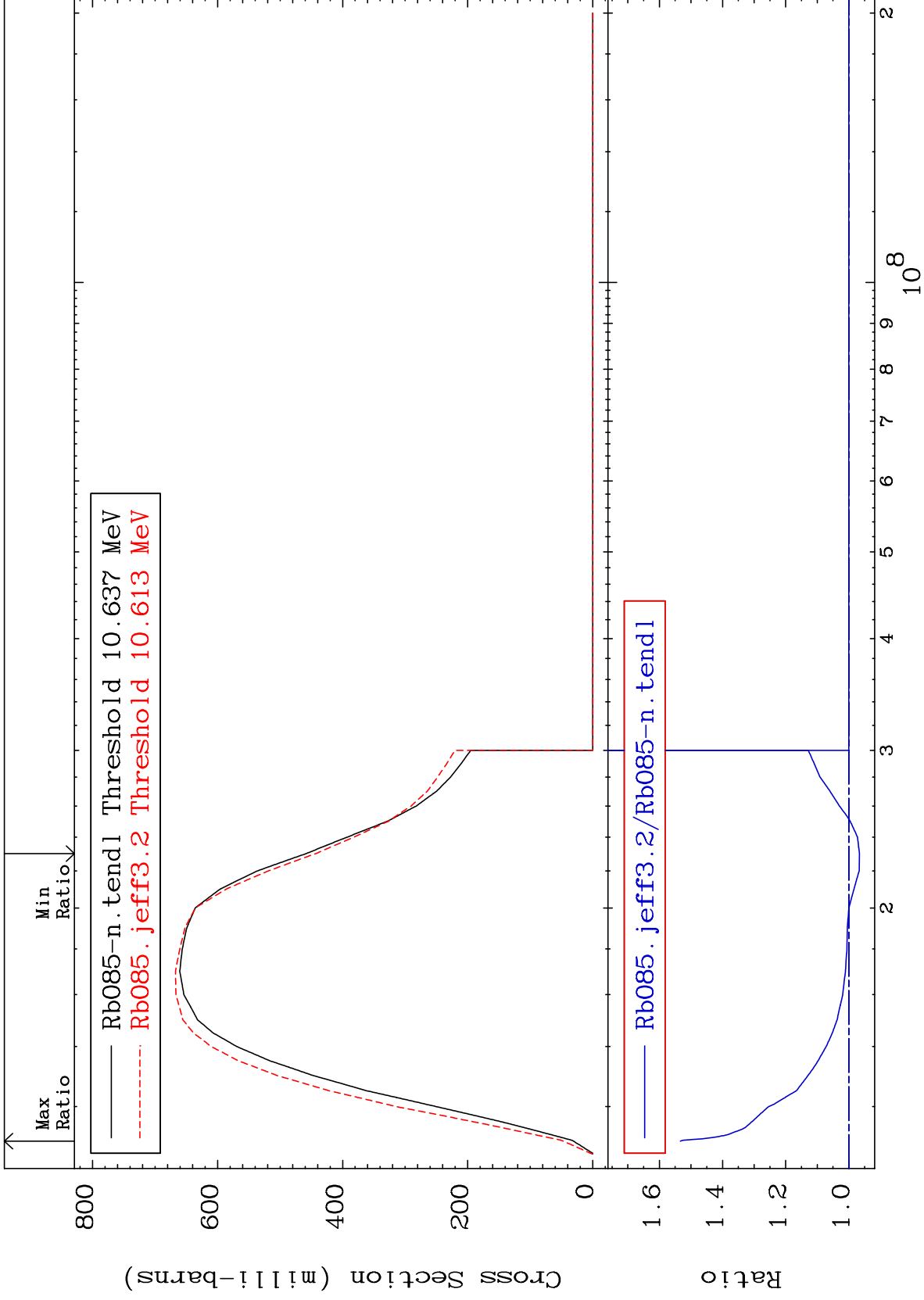
Dpa elastic (mt2)
Cross Section

37-Rb-85
-97.92 To 4352. %







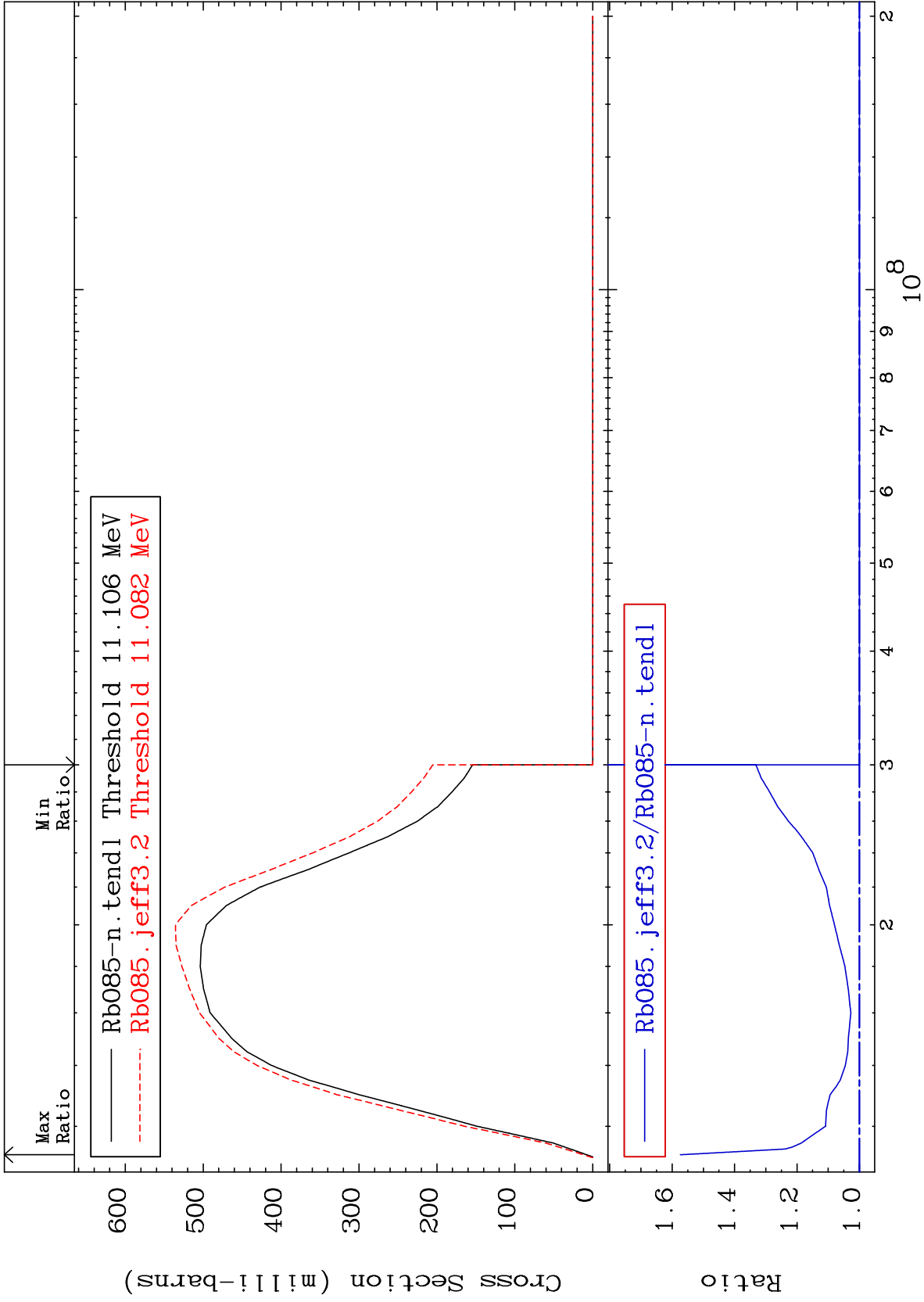


MAT 3725

(n,2n):37-Rb-84m2

37-Rb-85

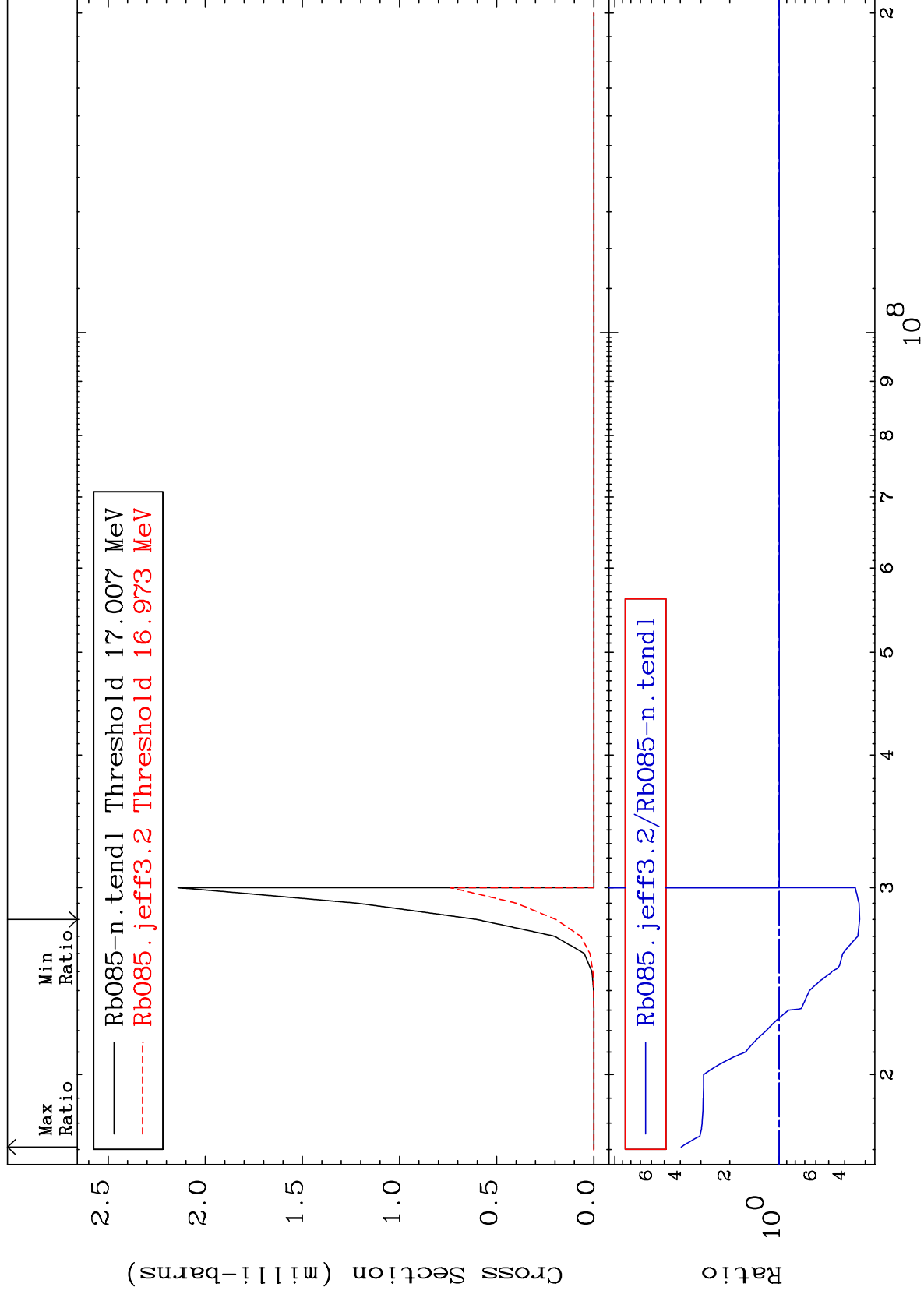
Radionuclide Production Cross Section 0.000 To 57.37 %



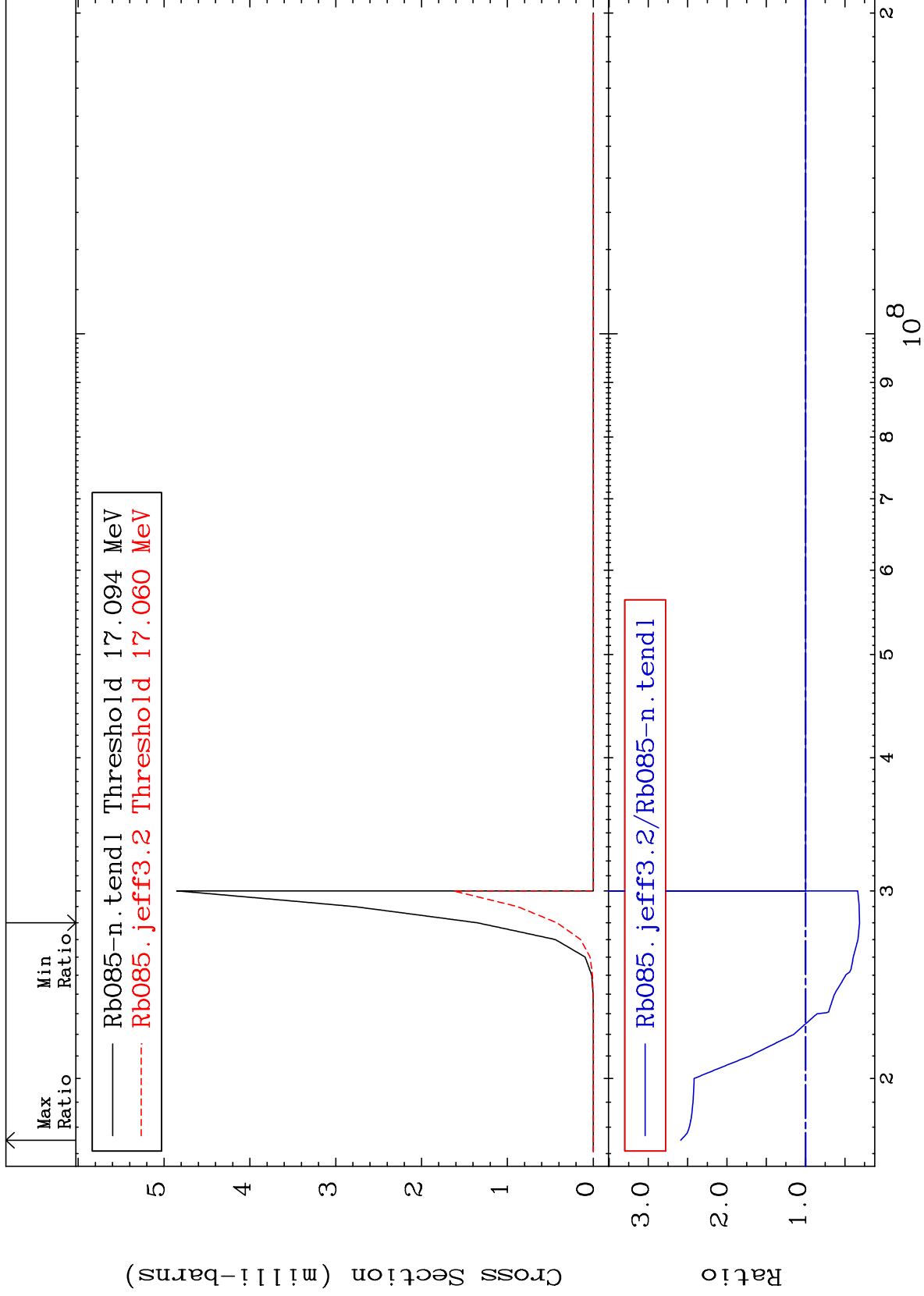
80

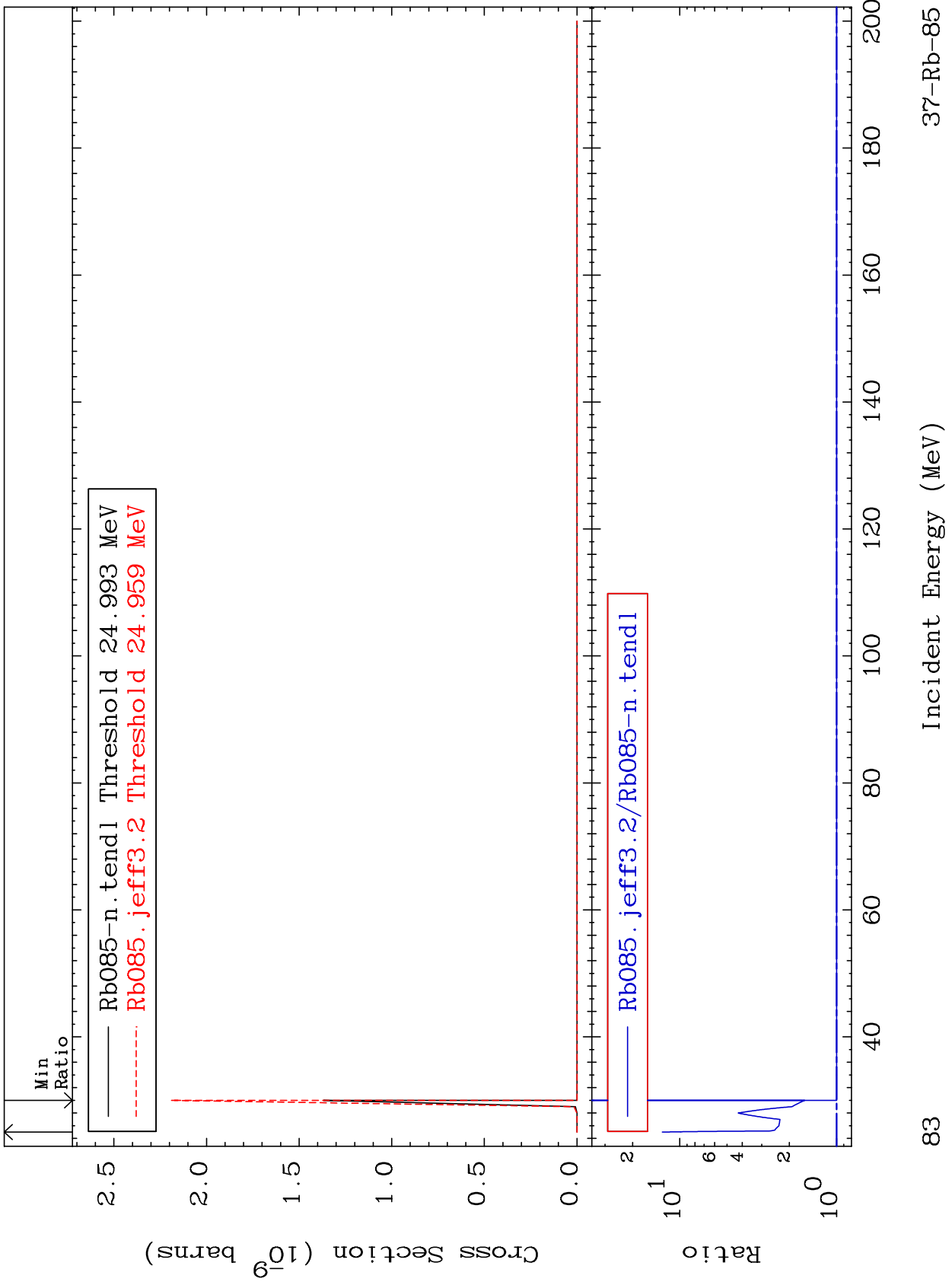
Incident Energy (eV)

37-Rb-85



Radionuclide Production Cross Section -68.64 To 158.8 %



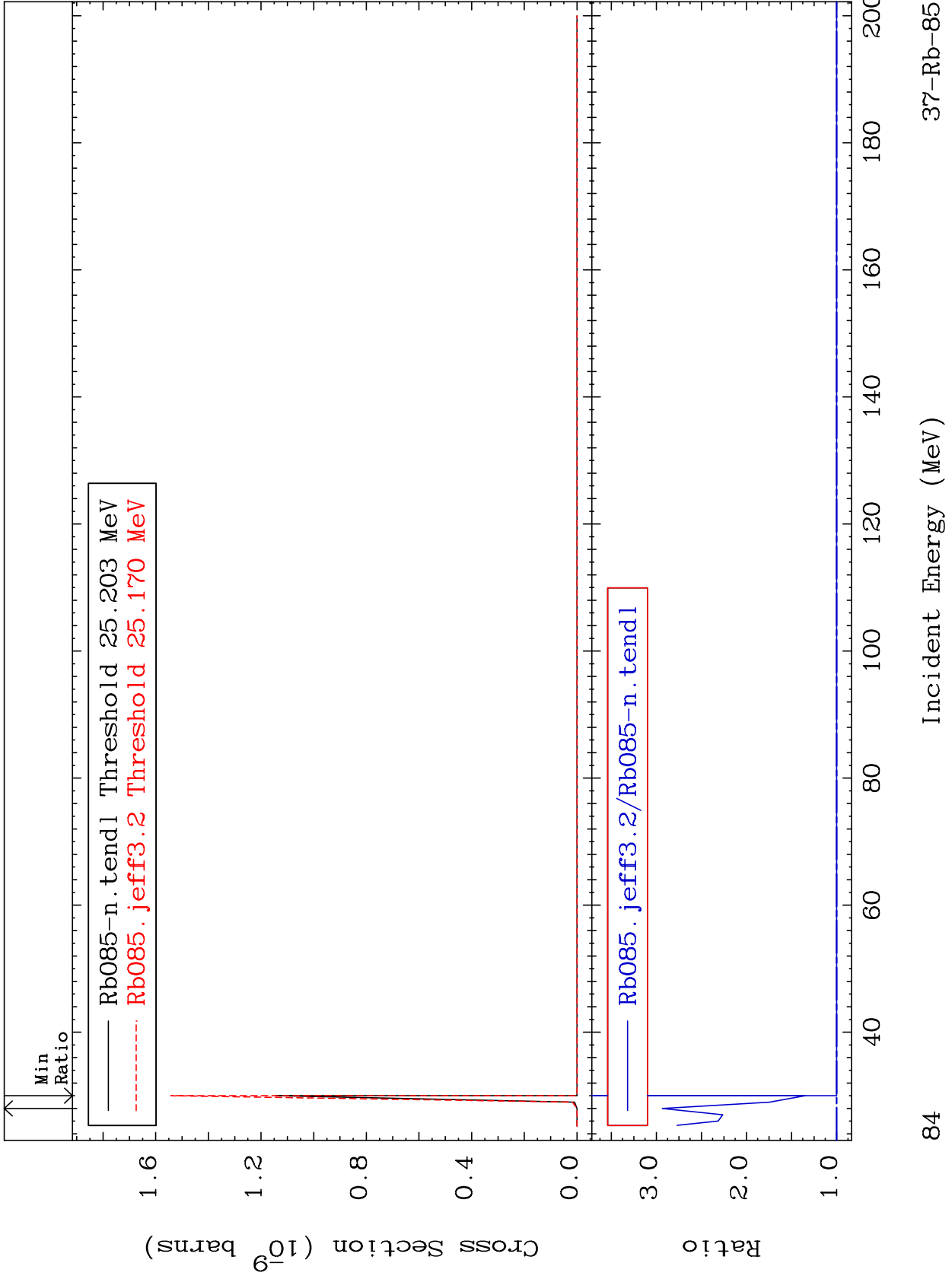


MAT 3725

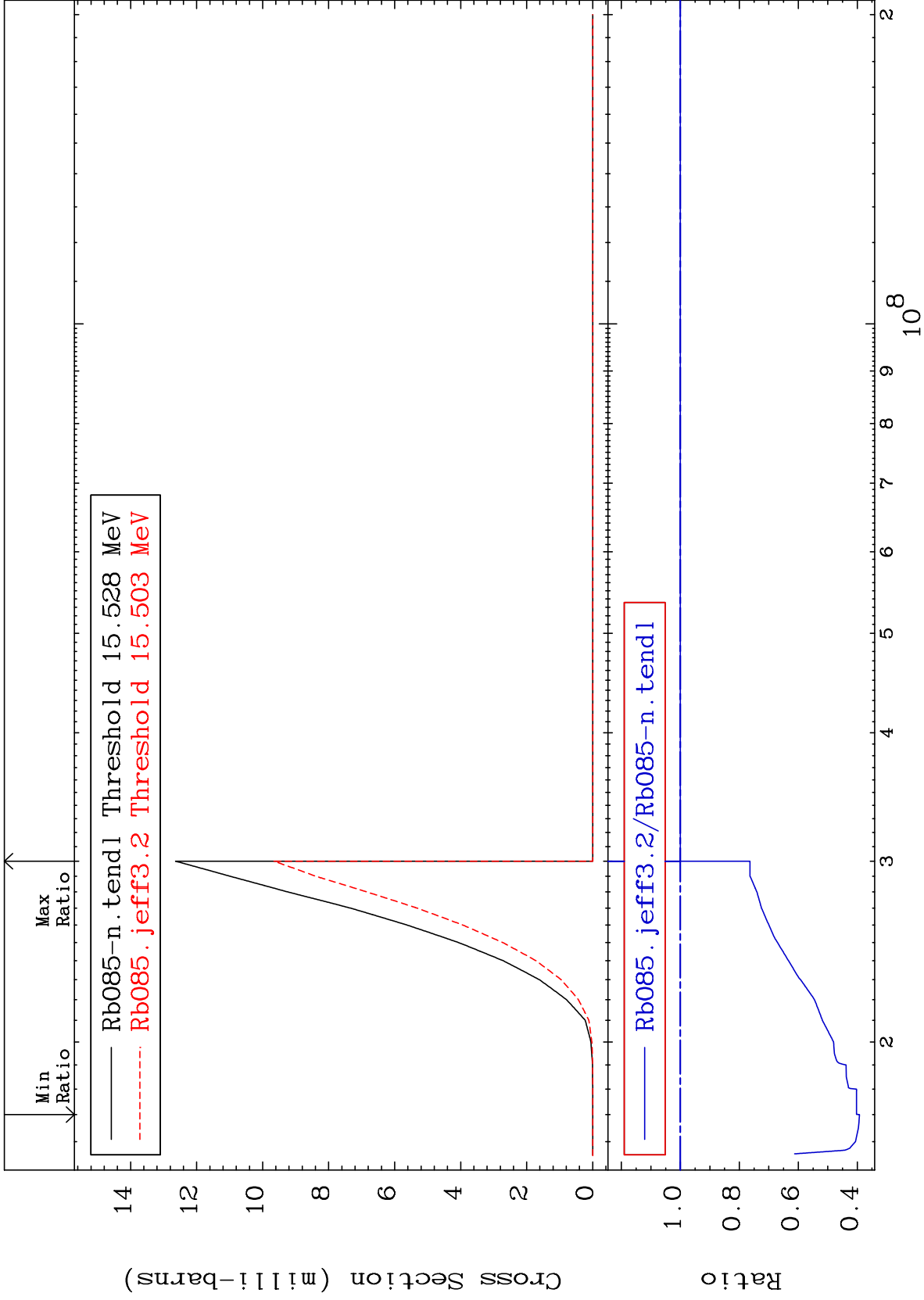
(n,3n) α : 35-Br-79m1

37-Rb-85

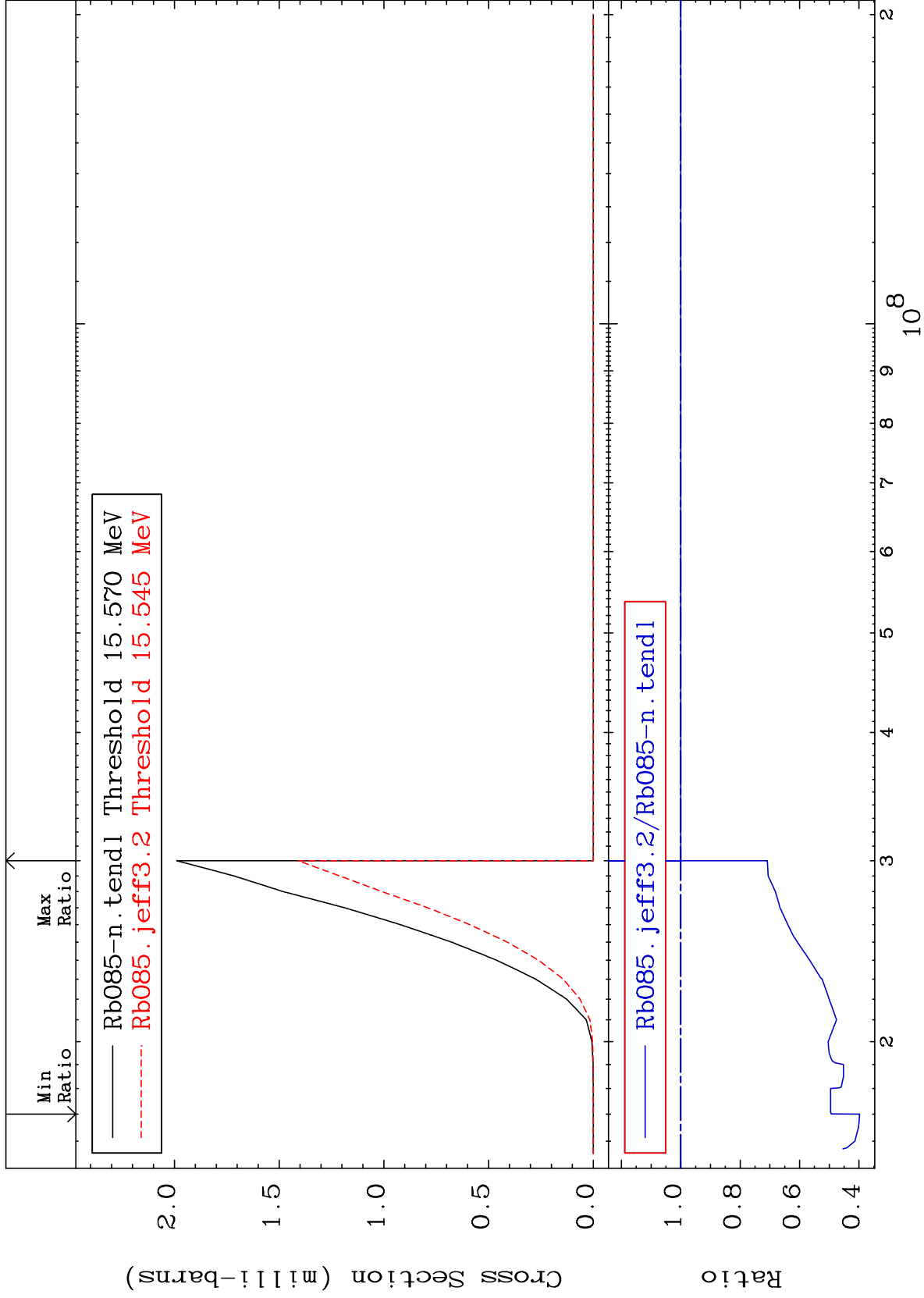
Radionuclide Production Cross Section 0.000 To 193.3 %

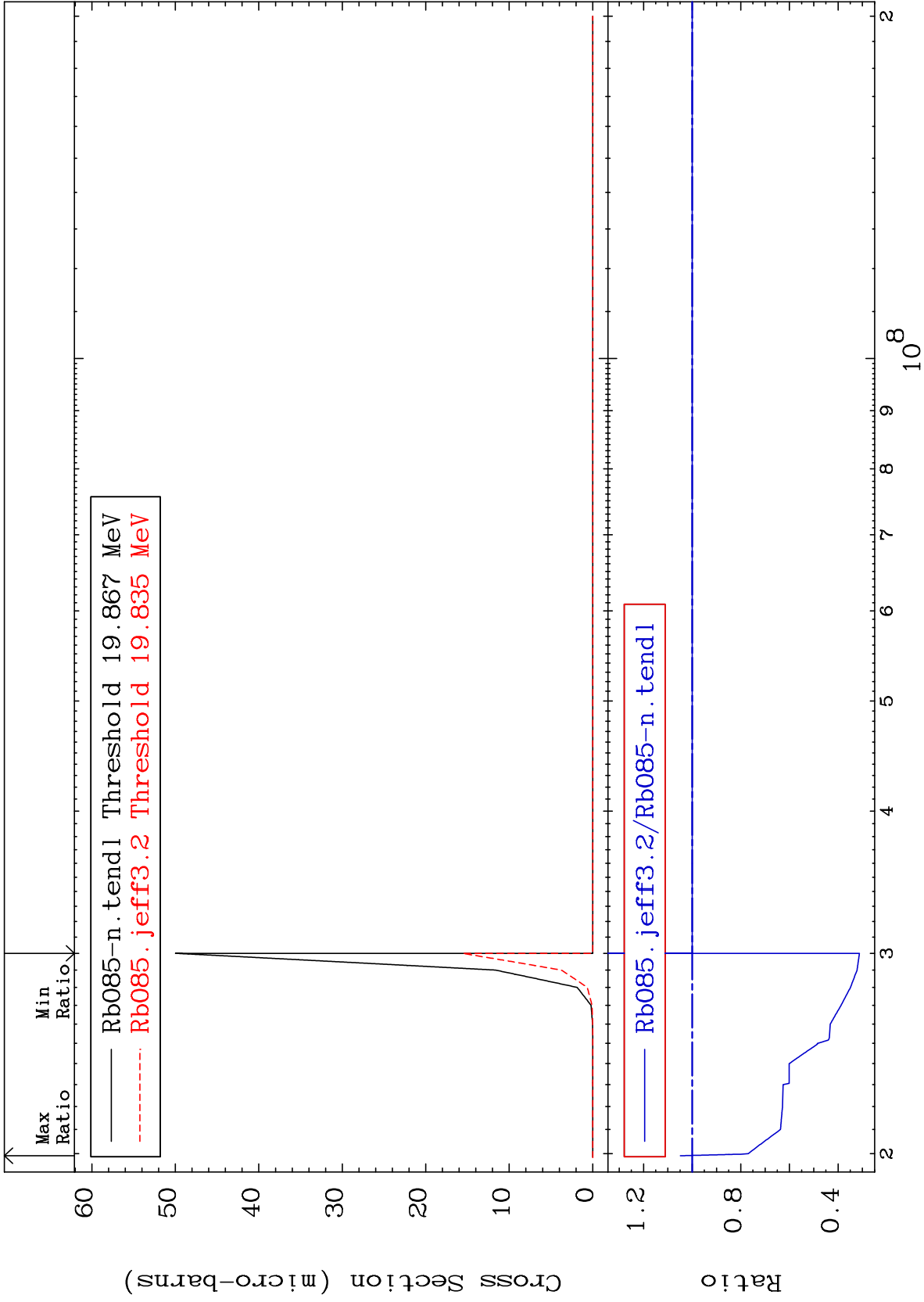


Radionuclide Production Cross Section -60.73 To 0.000 %

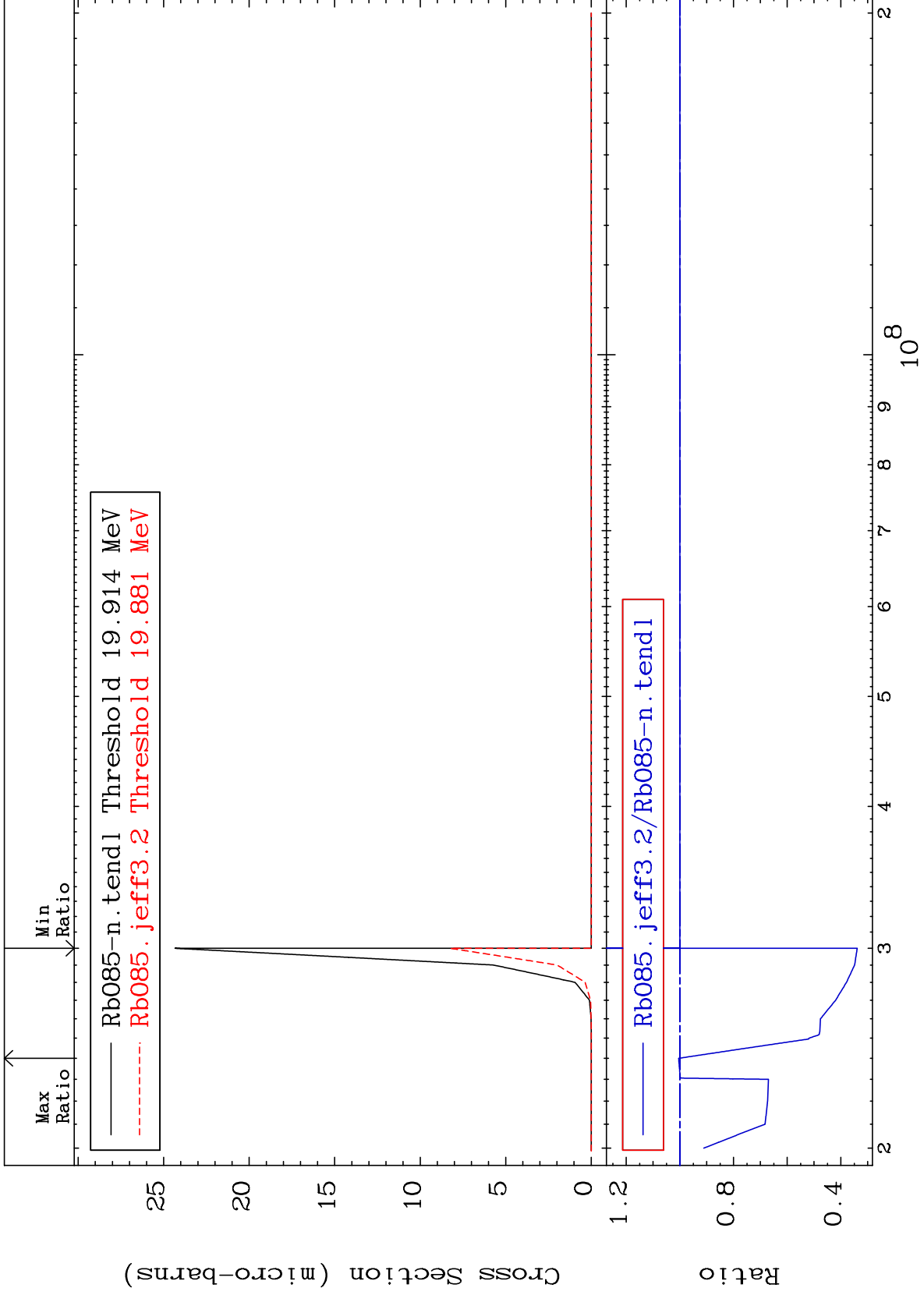


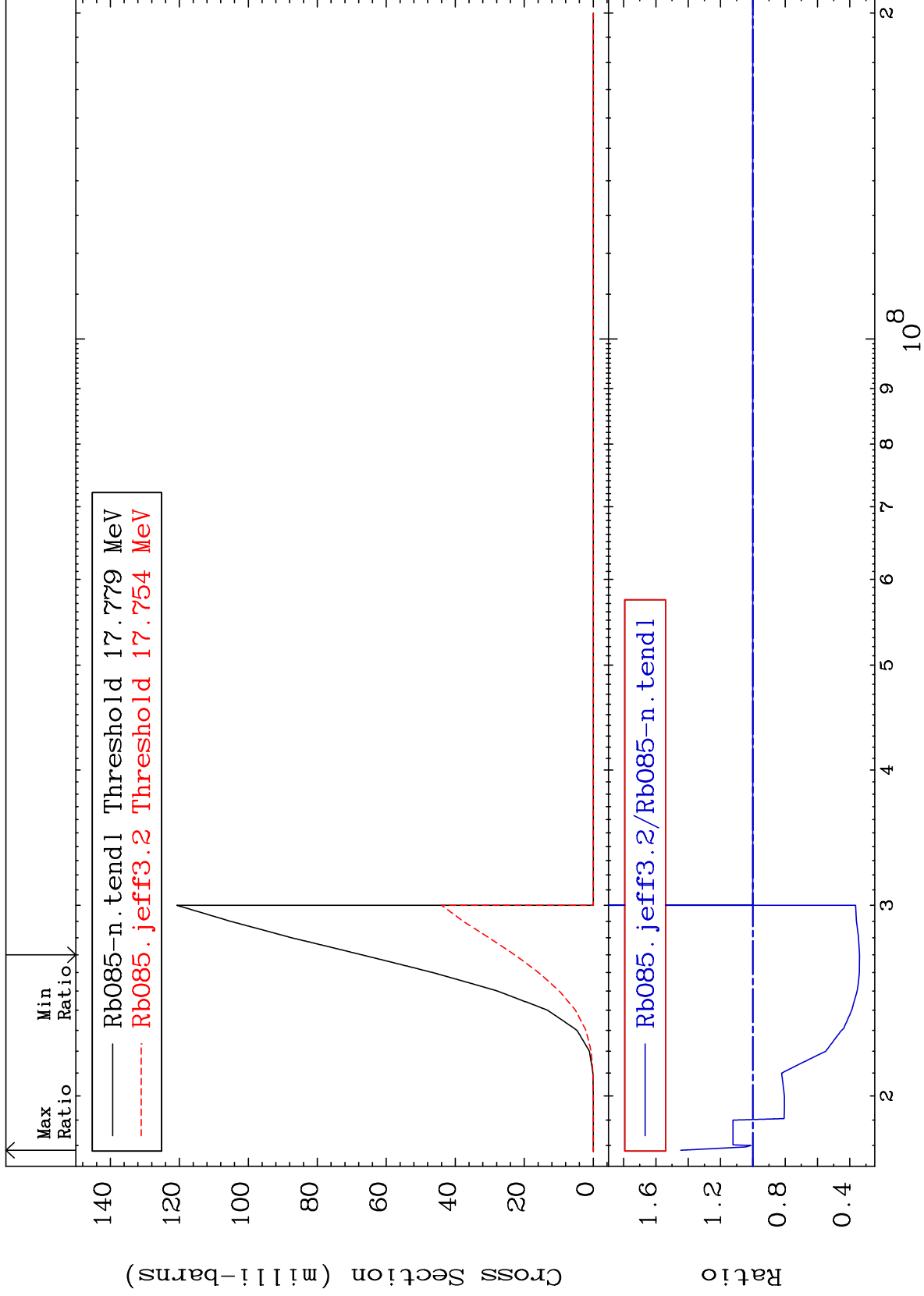
Radionuclide Production Cross Section -60.19 To 0.000 %

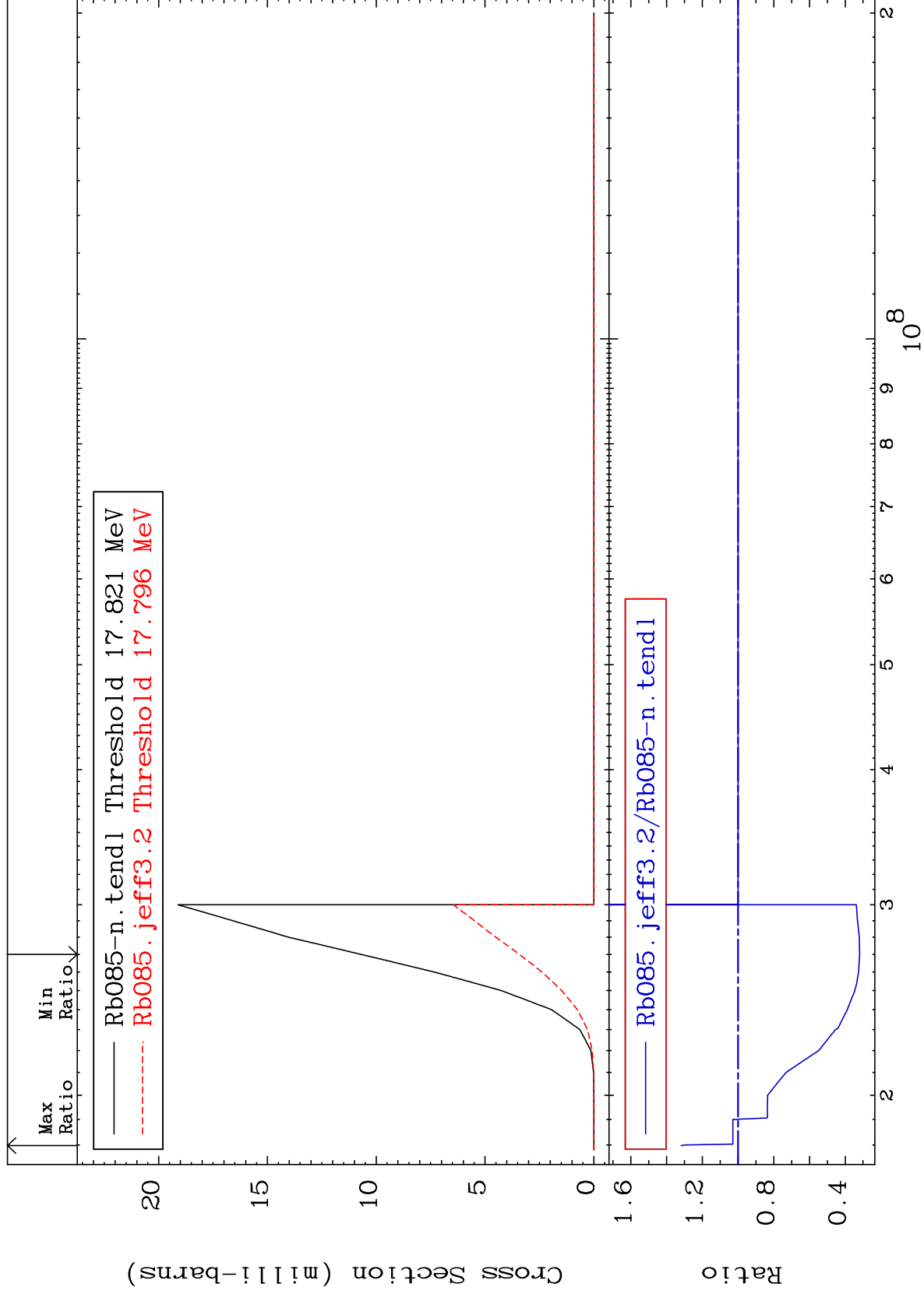




Radionuclide Production Cross Section -66.12 To 0.459 %





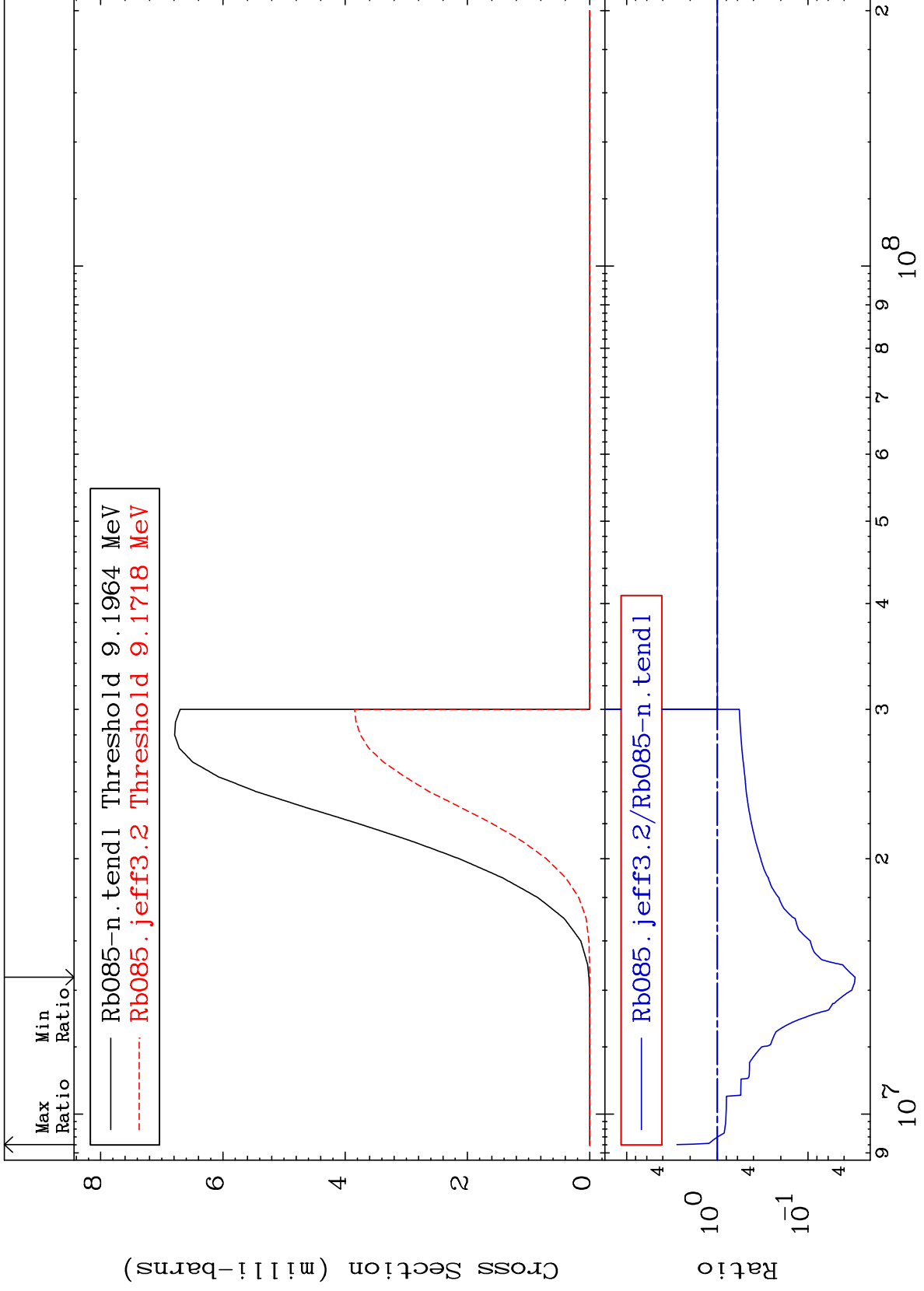


MAT 3725

(n, t):36-Kr-83g

37-Rb-85

Radionuclide Production Cross Section -96.97 To 179.5 %

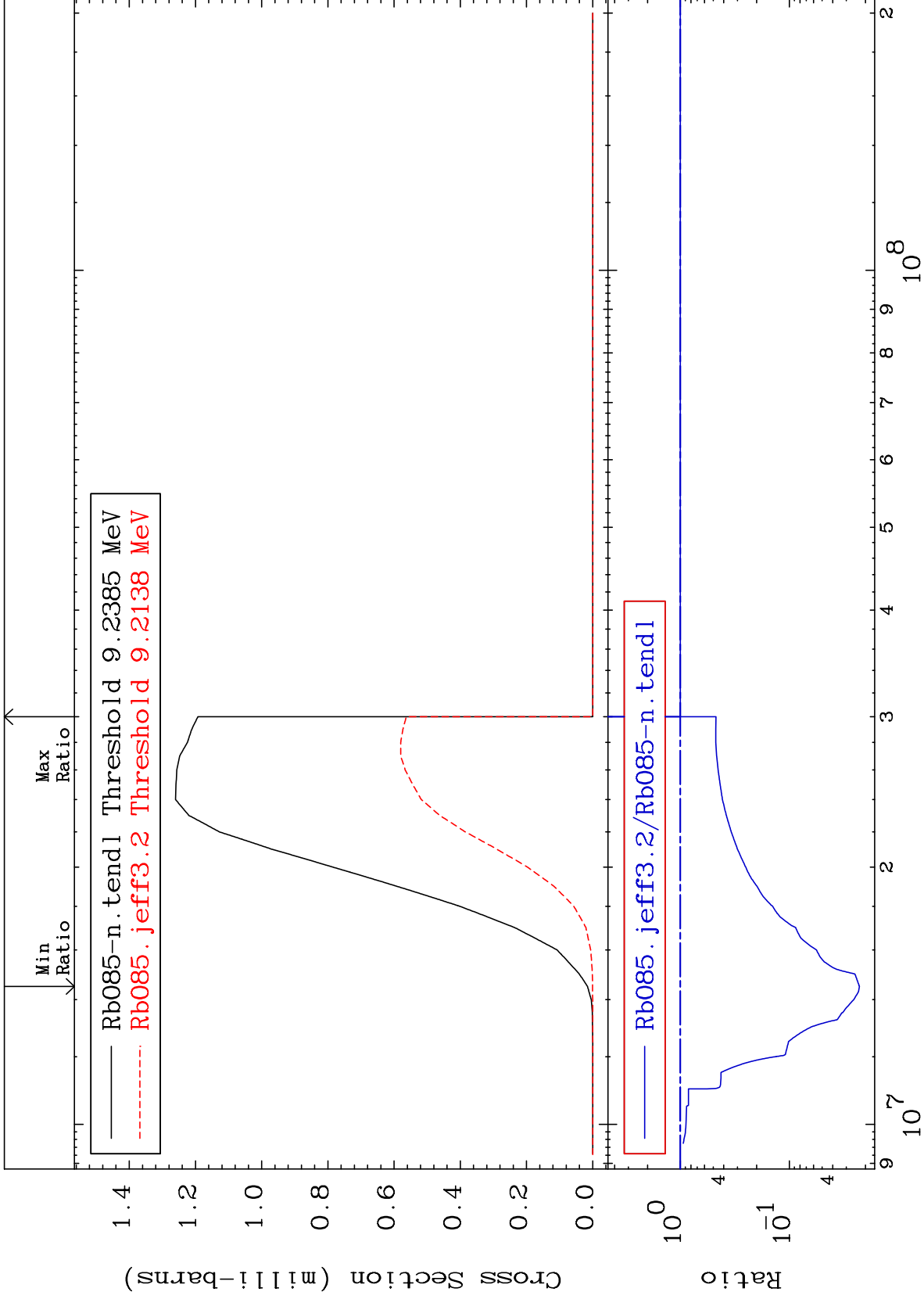


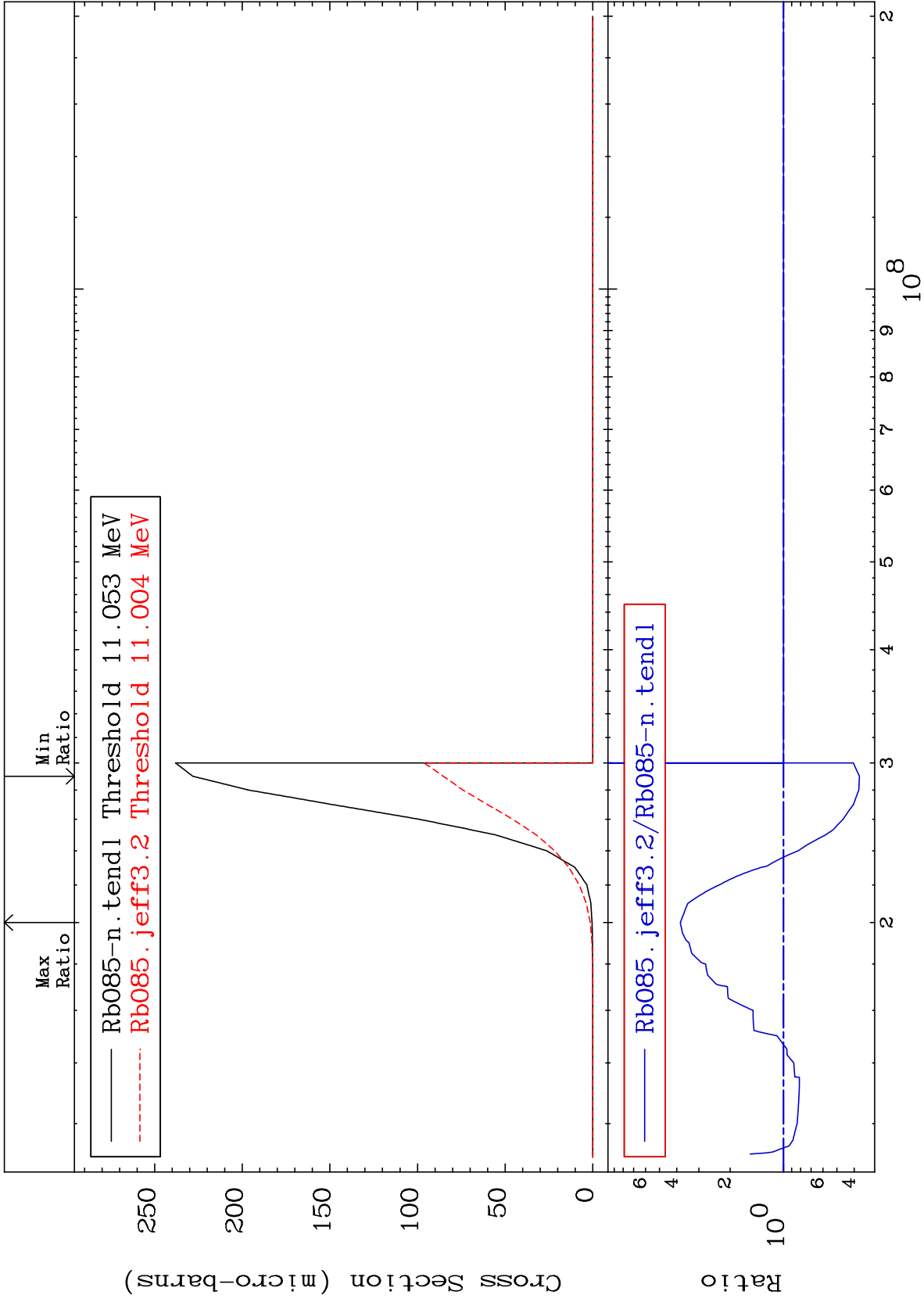
91

Incident Energy (eV)

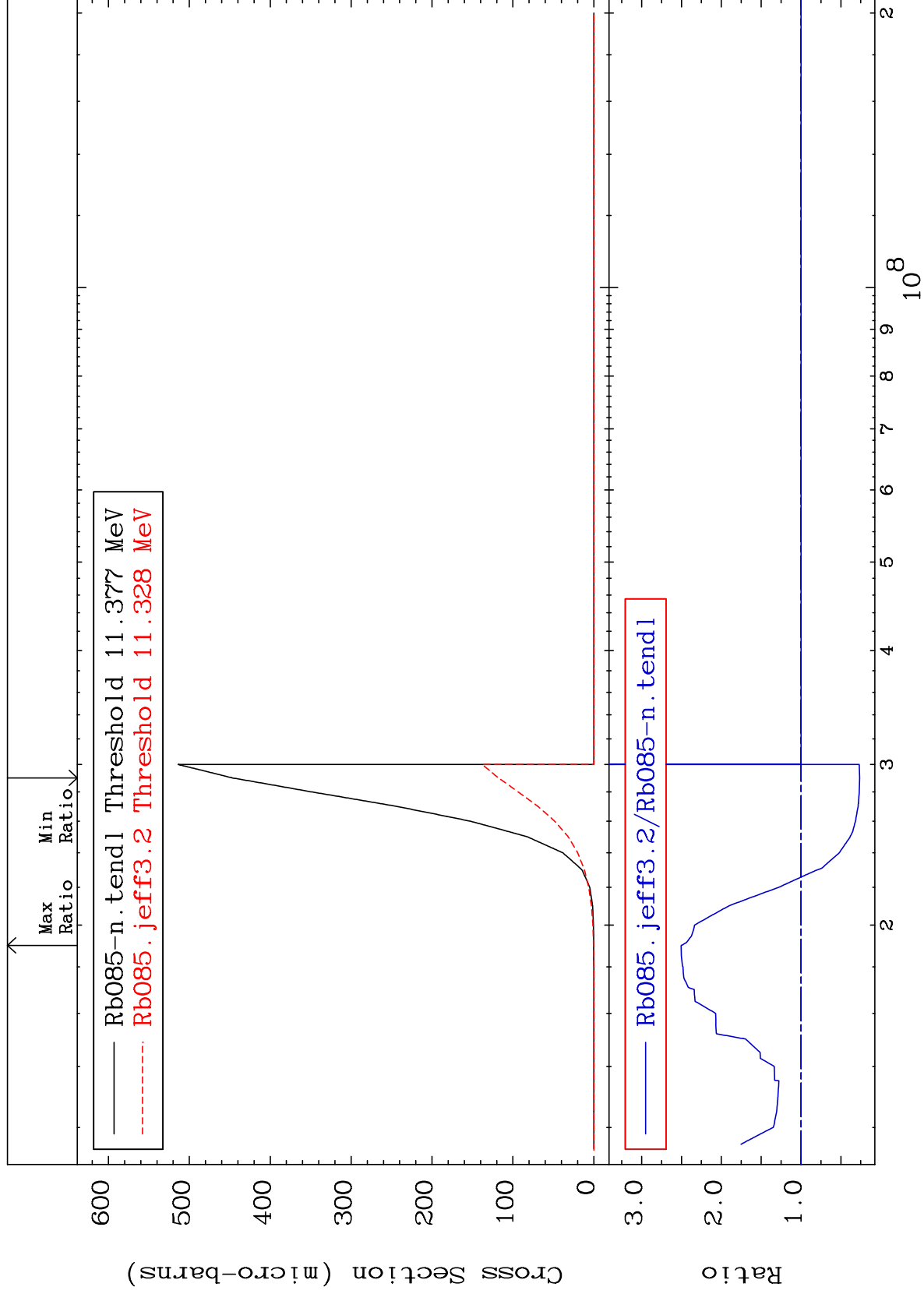
37-Rb-85

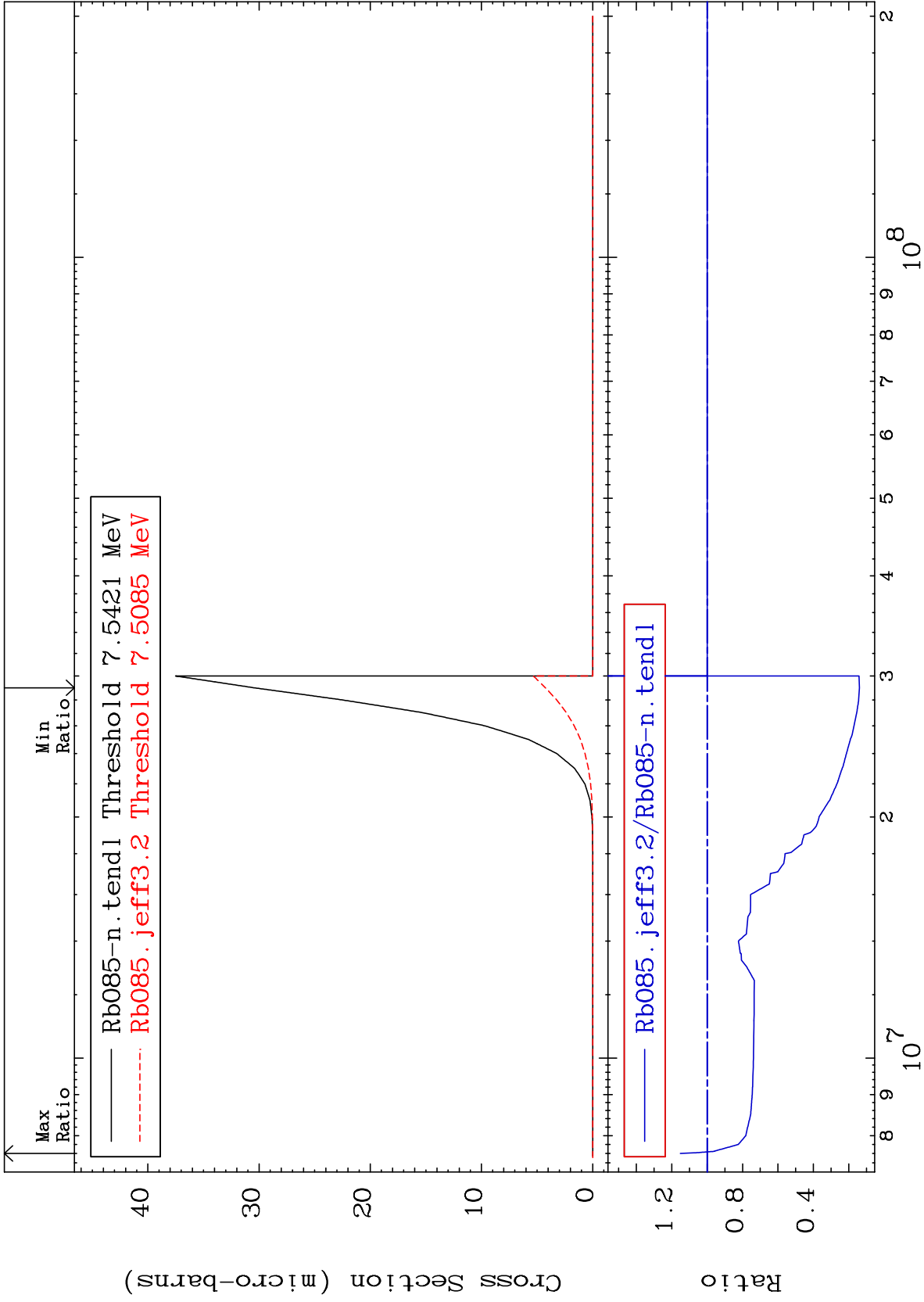
Radionuclide Production Cross Section -97.72 To 0.000 %

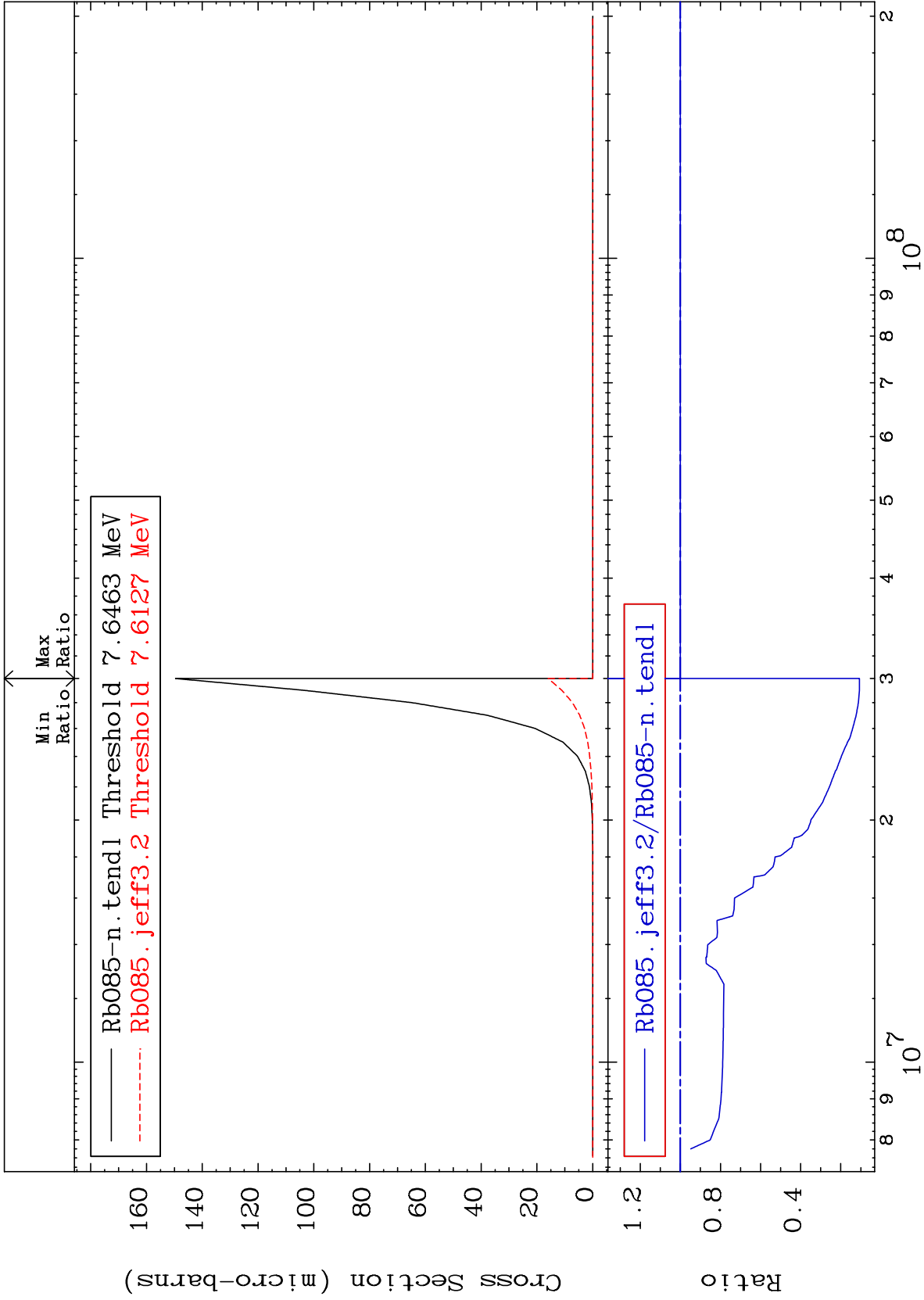




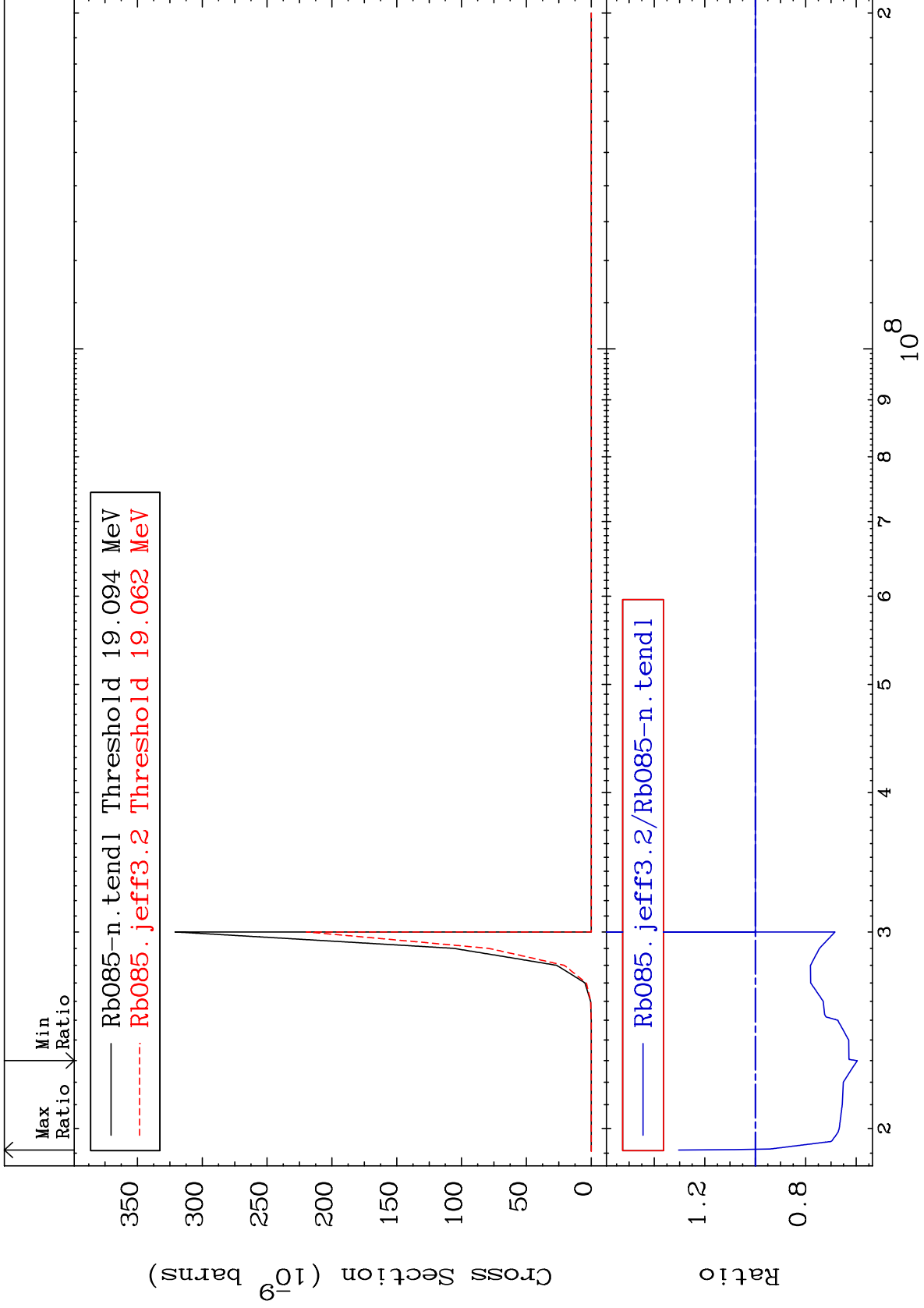
Radionuclide Production Cross Section -73.60 To 150.3 %







Radionuclide Production Cross Section -40.42 To 30.38 %



Radionuclide Production Cross Section -34.17 To 58.89 %

