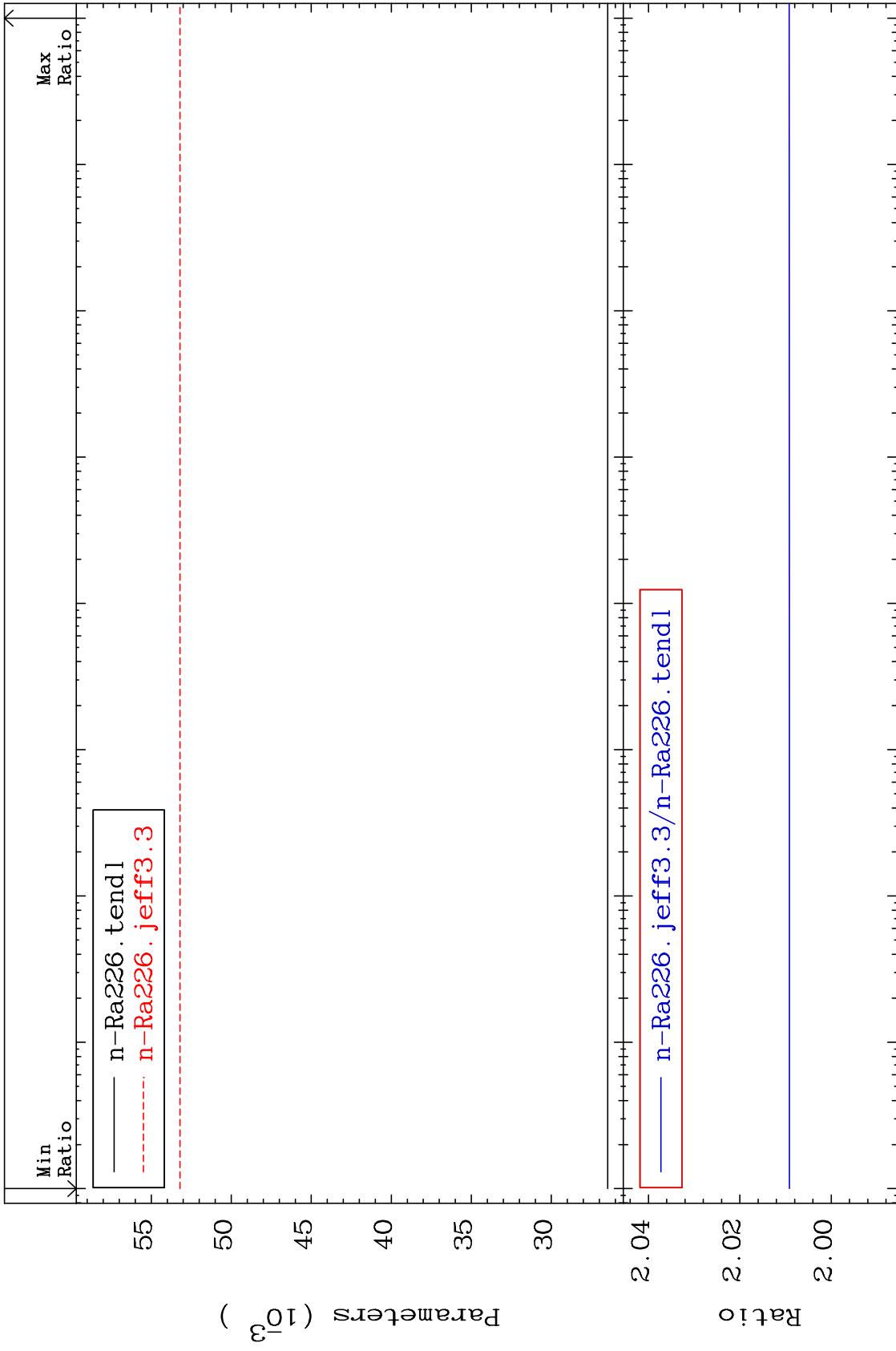
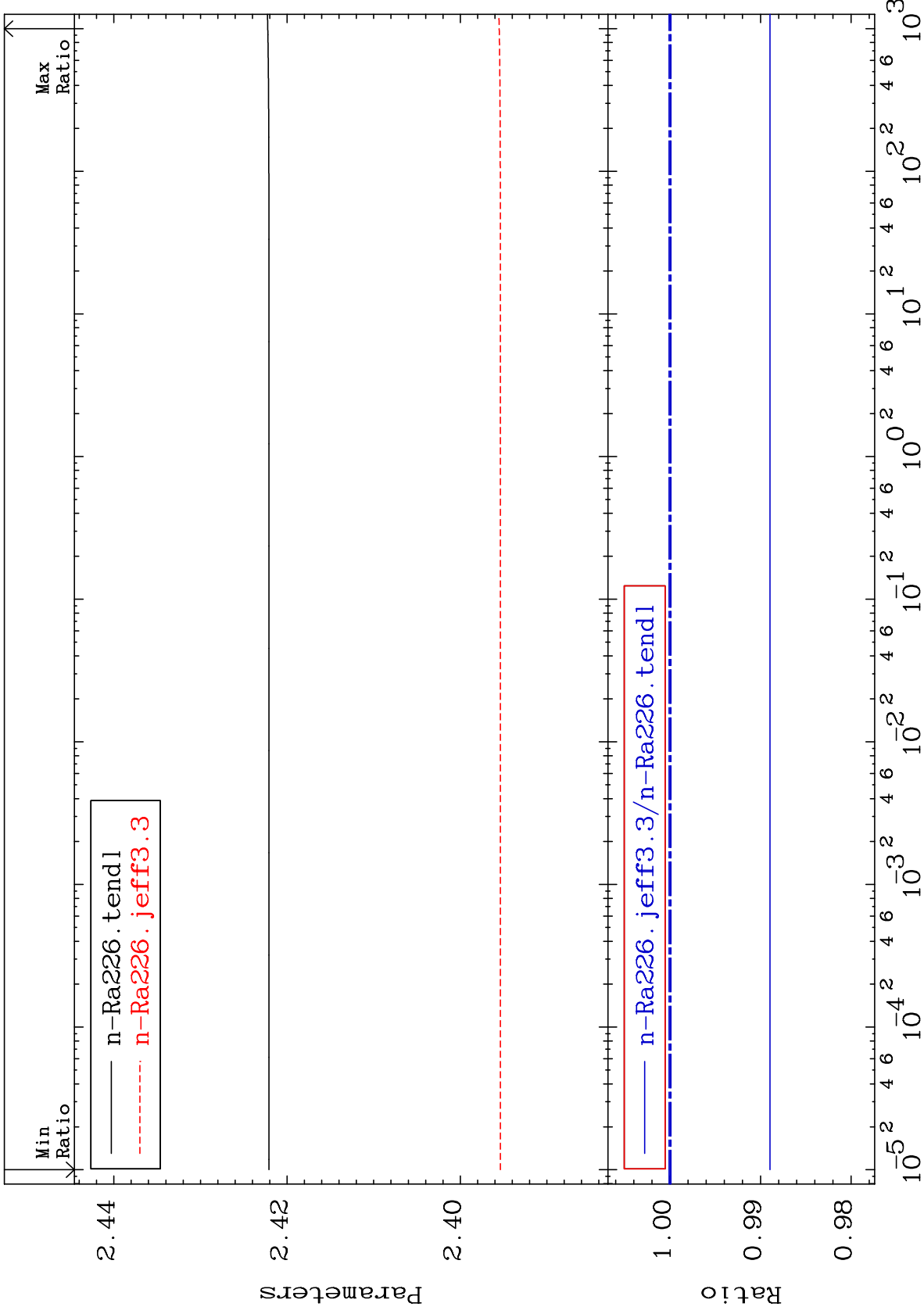


MAT 8834

Delayed $\bar{\nu}$
Parameters

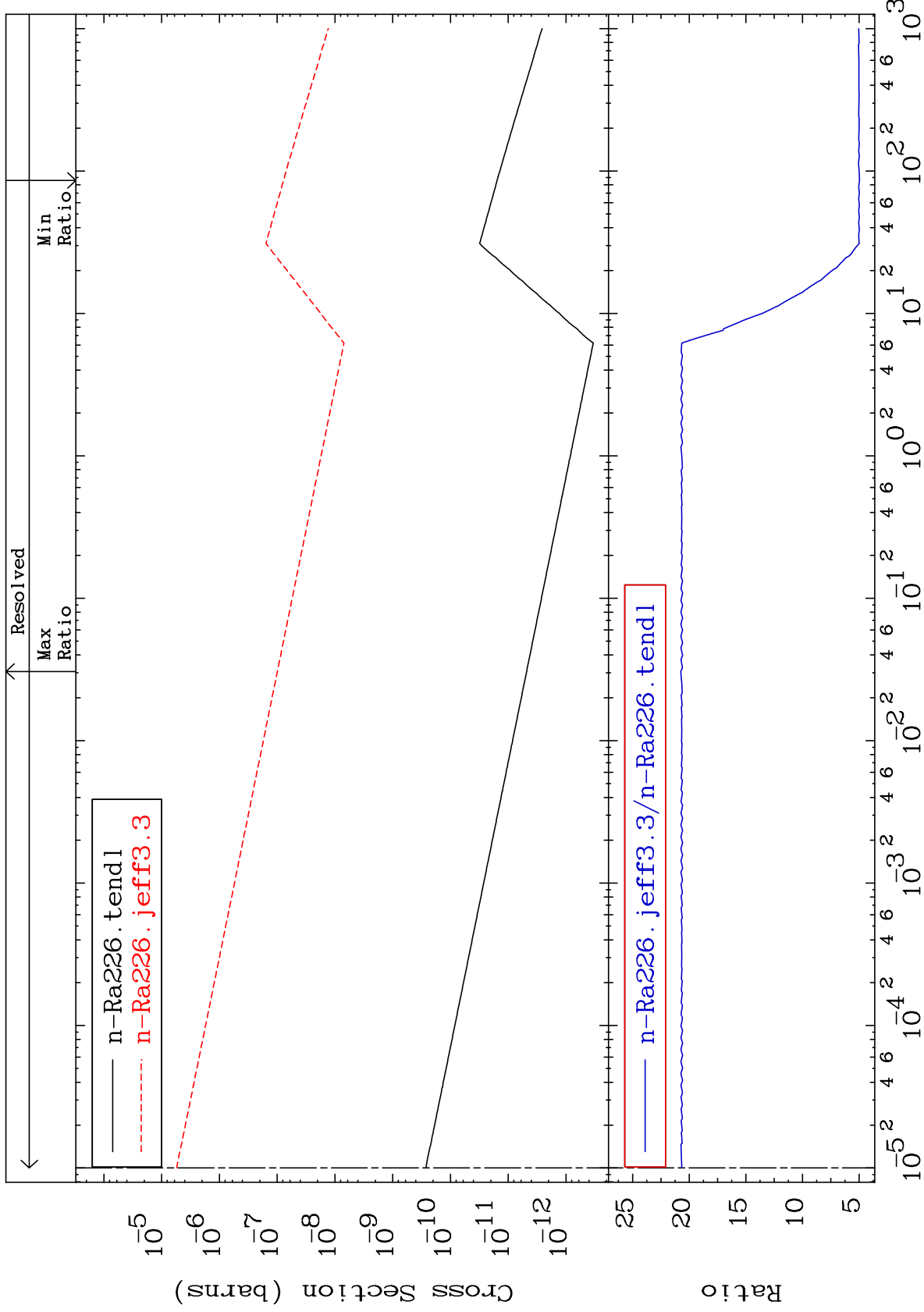
88-Ra-226
100.9 To 100.9 %





MAT 8834

Total Cross Section
88-Ra-226 To 9999. %



88-Ra-226

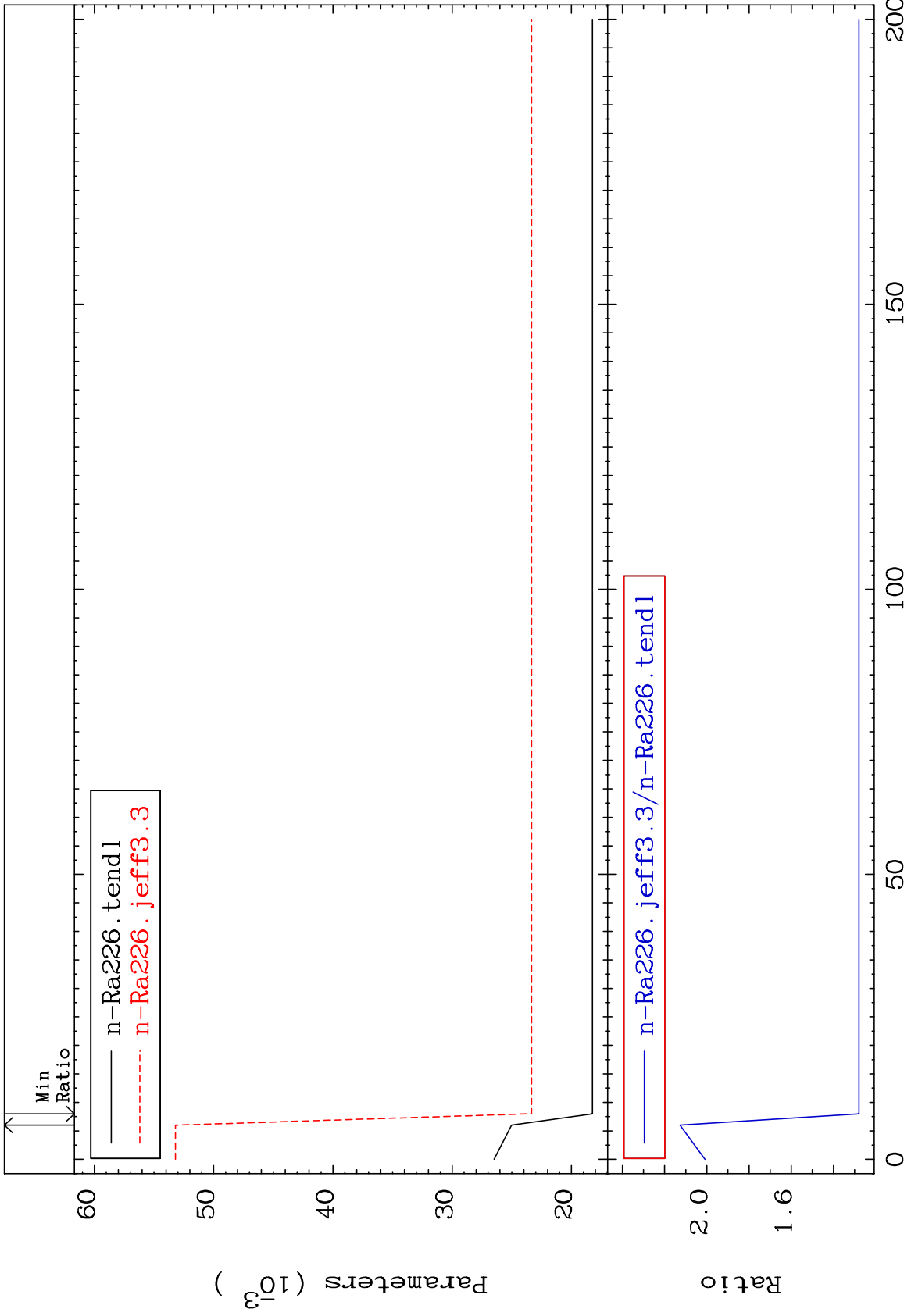
Incident Energy (eV)

3

MAT 8834

Delayed $\bar{\nu}$
Parameters

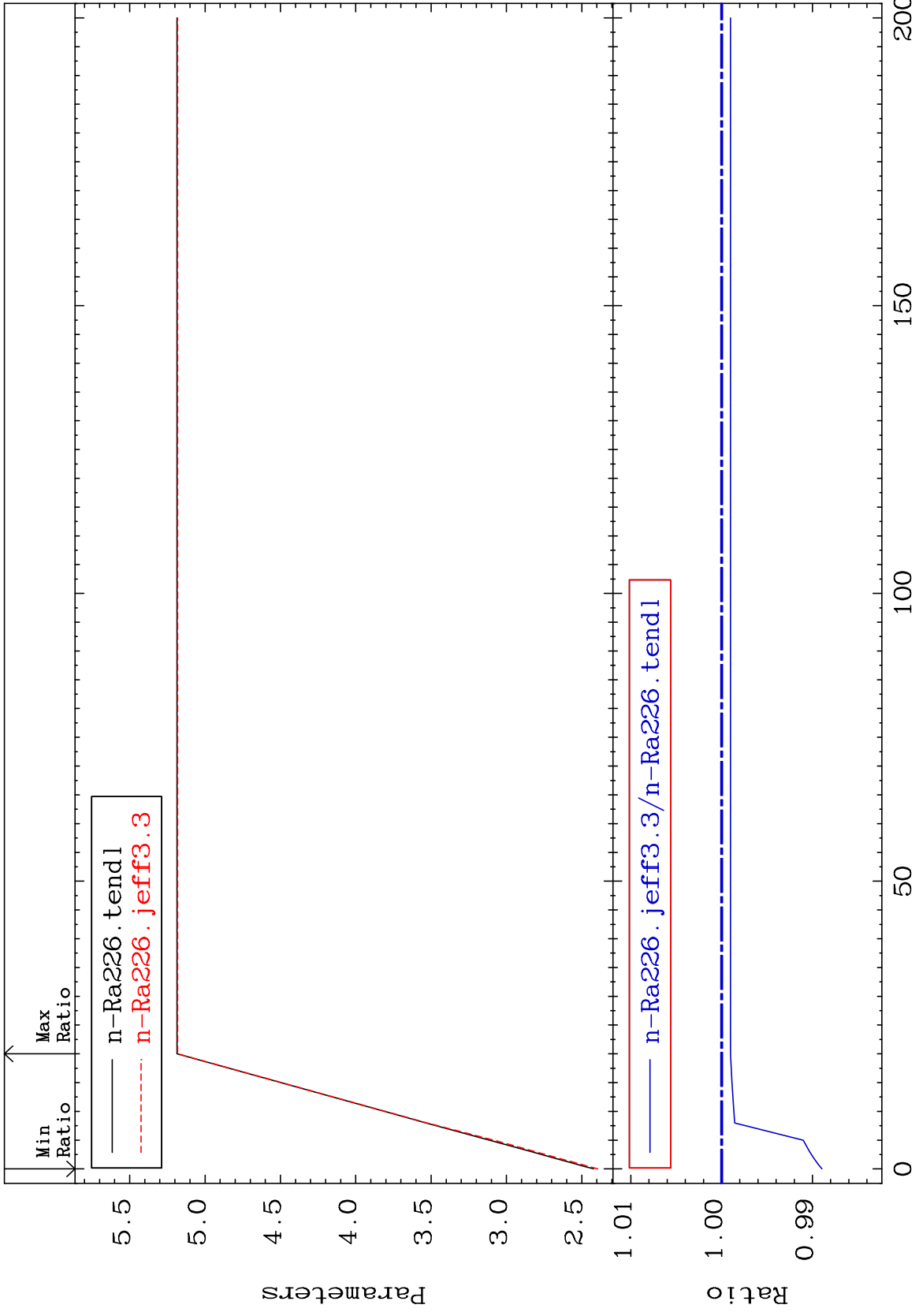
88-Ra-226
27.92 To 112.7 %



Incident Energy (MeV)

88-Ra-226

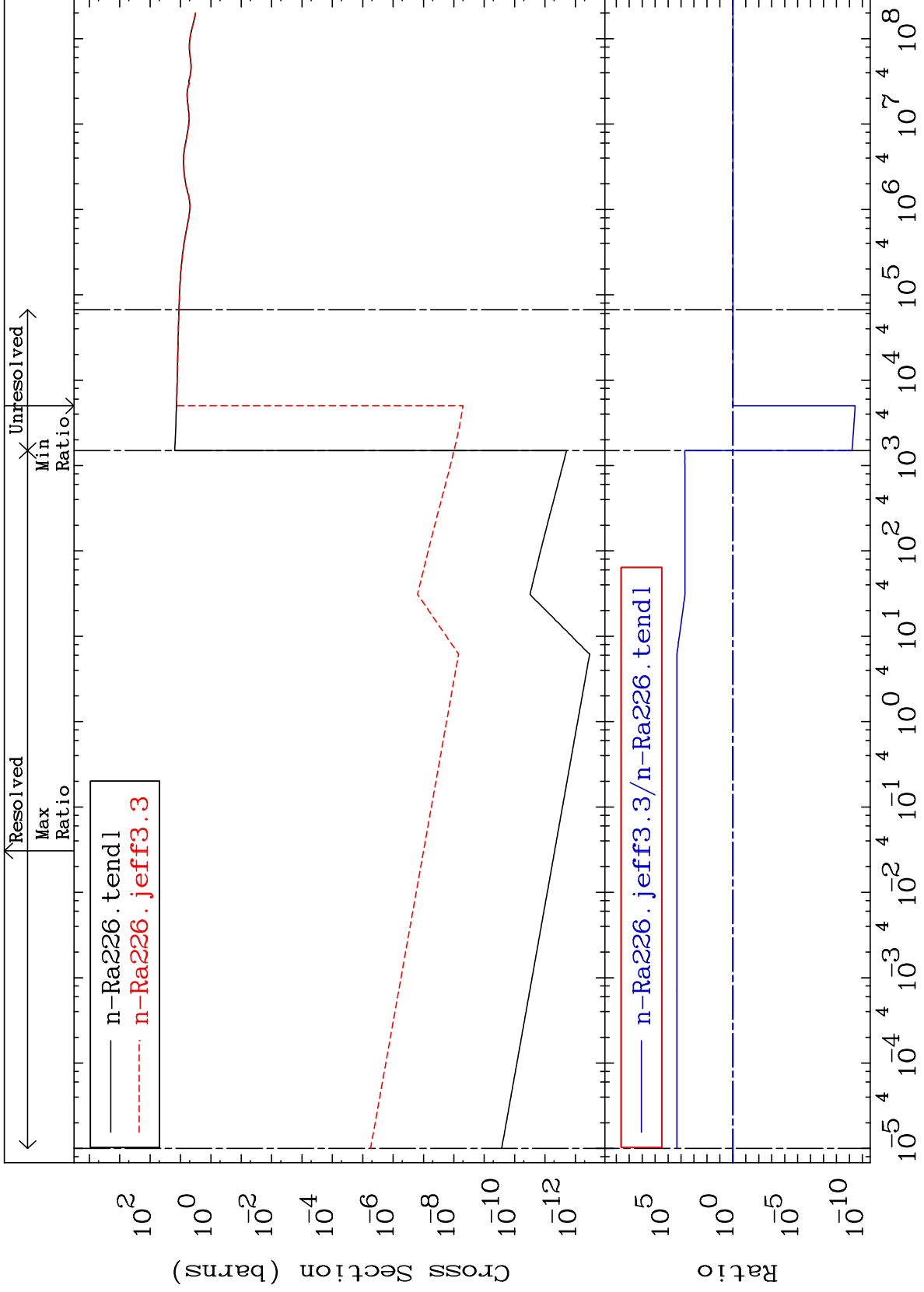
1



MAT 8834

Total
Cross Section

88-Ra-226
-100.0 To 9999. %



Incident Energy (eV)

88-Ra-226

3

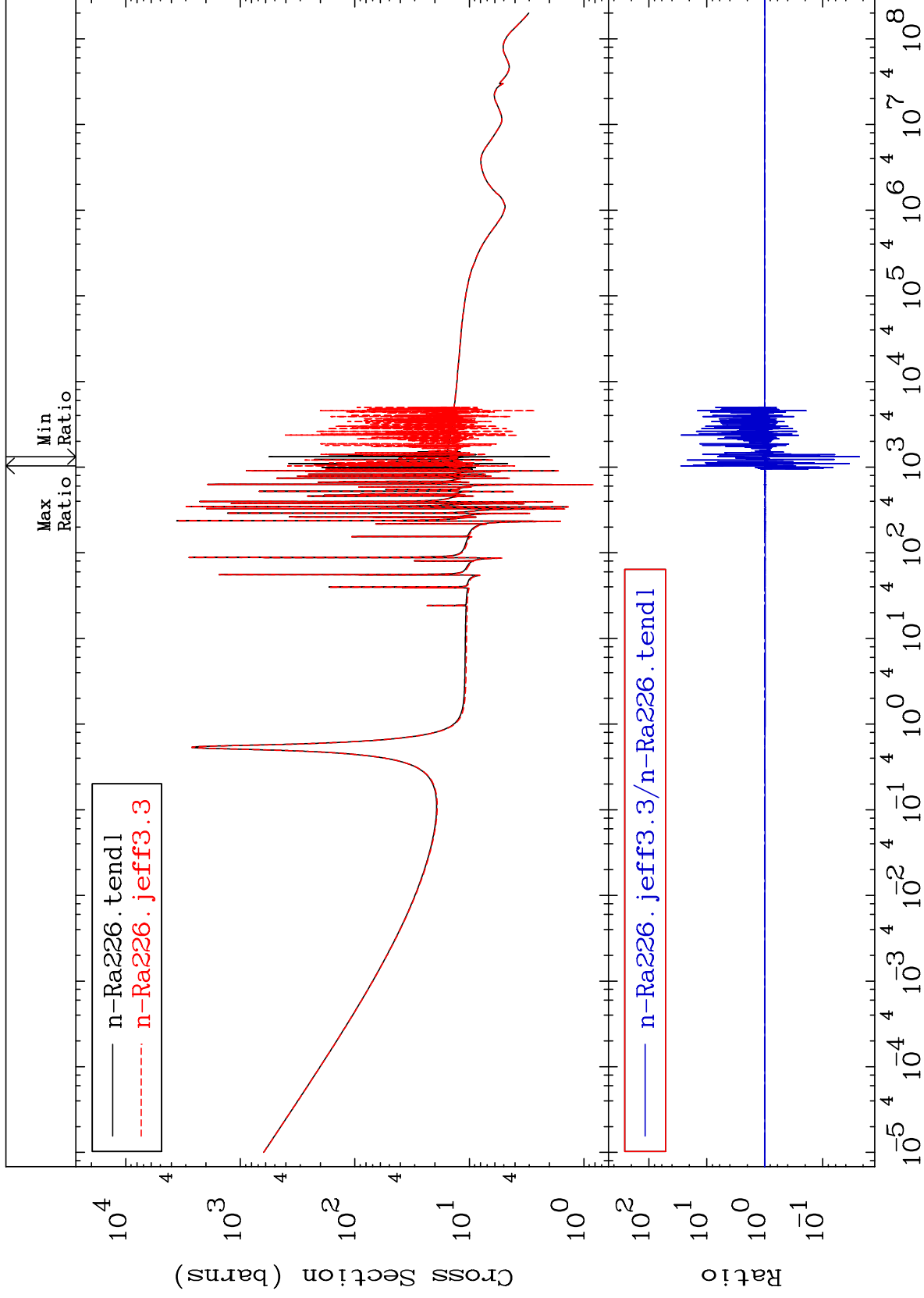
MAT 8834

Total

88-Ra-226

Cross Section

-97.69 To 2711. %



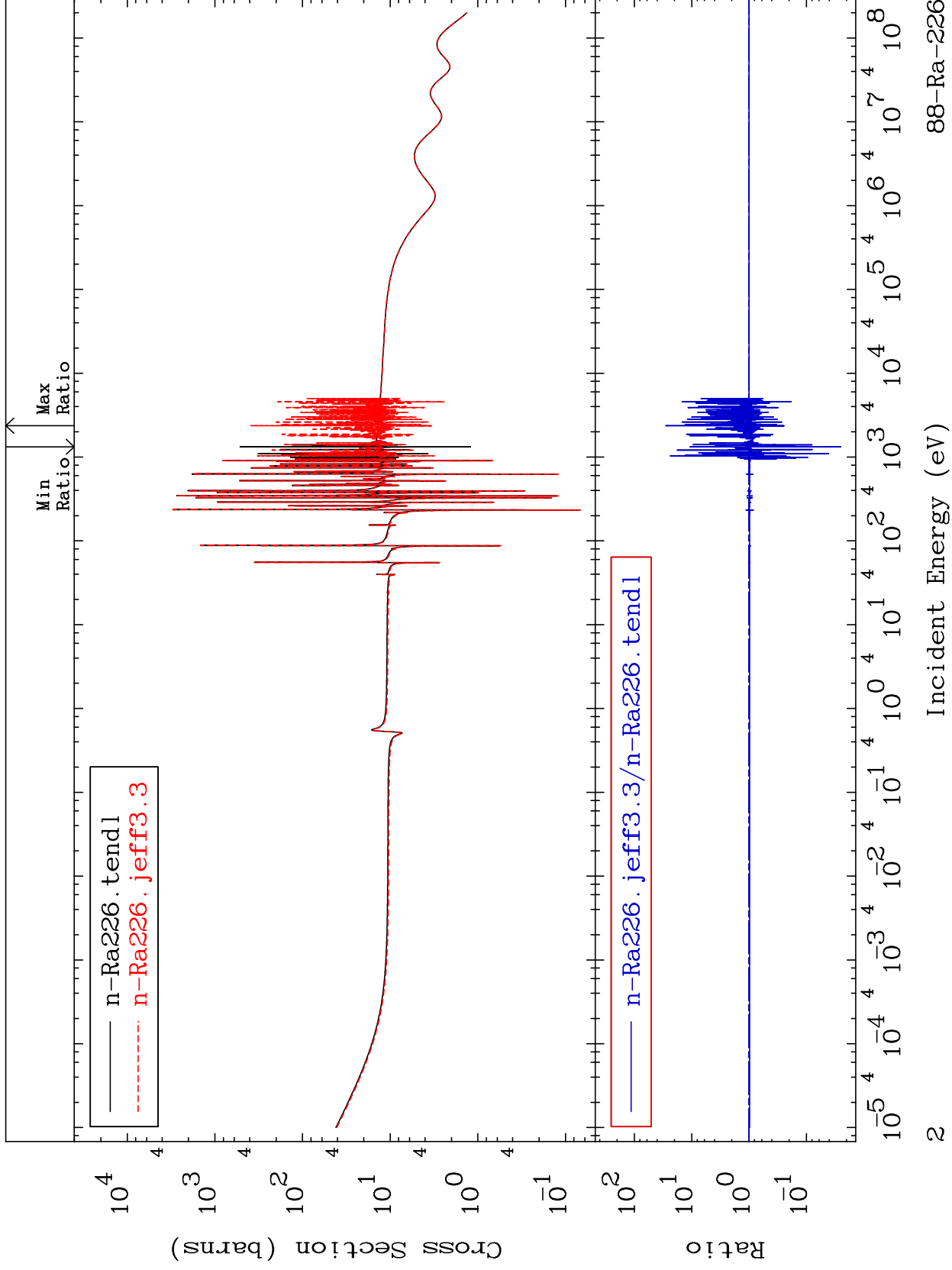
Incident Energy (eV)

88-Ra-226

MAT 8834

Elastic
Cross Section

88-Ra-226
-97.49 To 2710. %



88-Ra-226

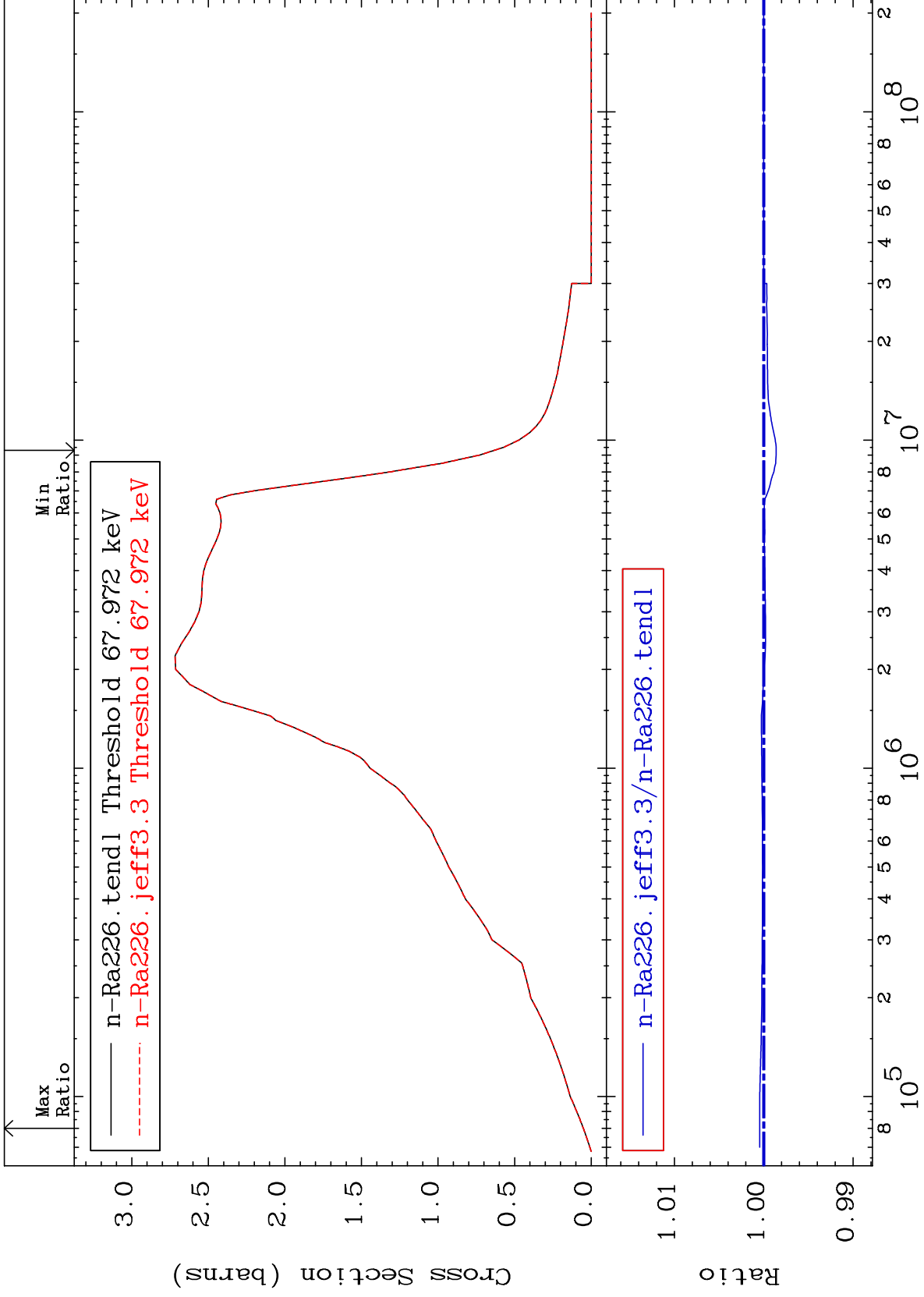
Incident Energy (eV)

2

MAT 8834

Inelastic
Cross Section

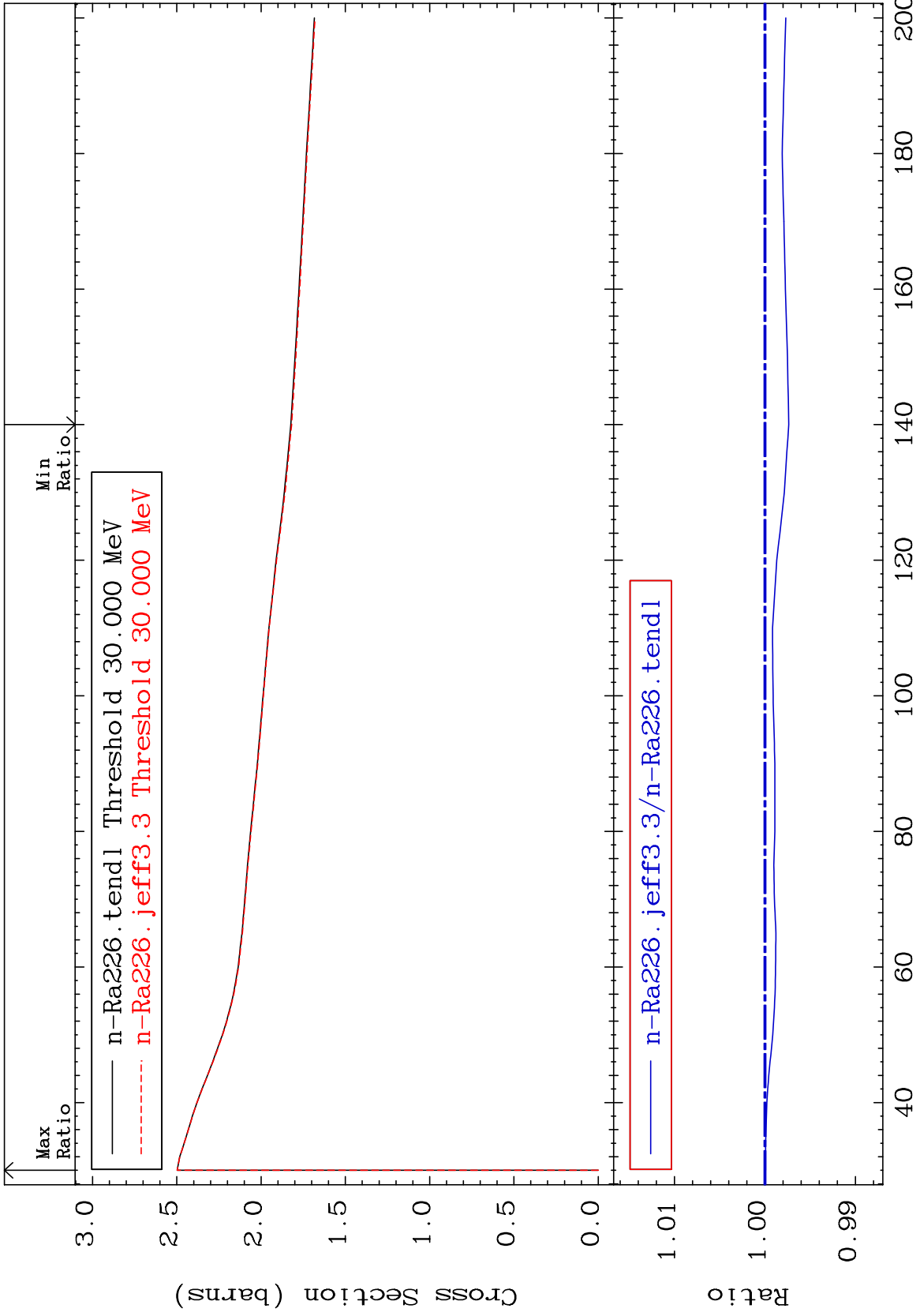
88-Ra-226
-0.139 To 0.045 %



MAT 8834

(n, remainder)
Cross Section

88-Ra-226
-0.262 To -0.006%



MAT 8834

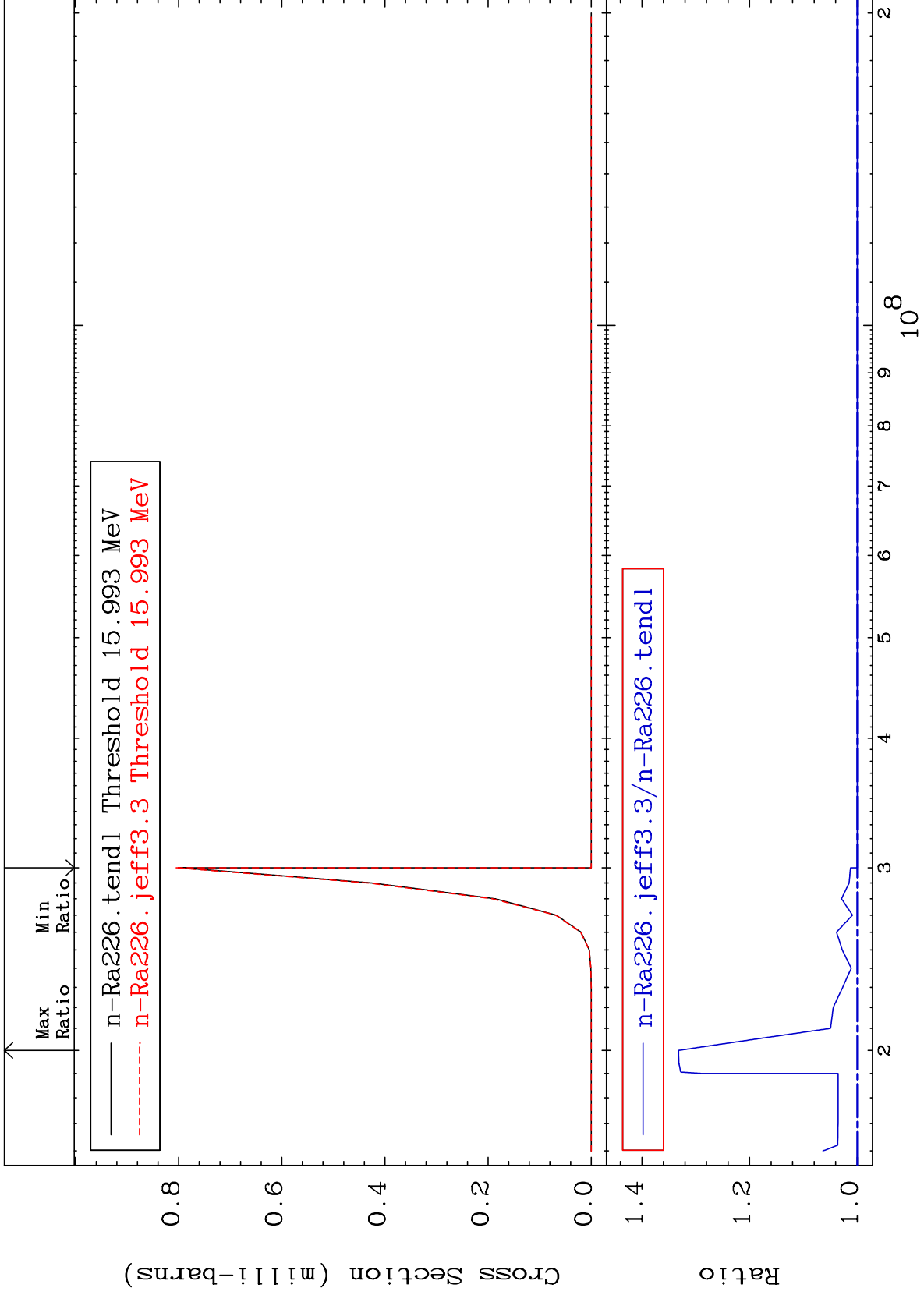
(n,2n) d

88-Ra-226

Cross Section

0.000

To 33.18 %



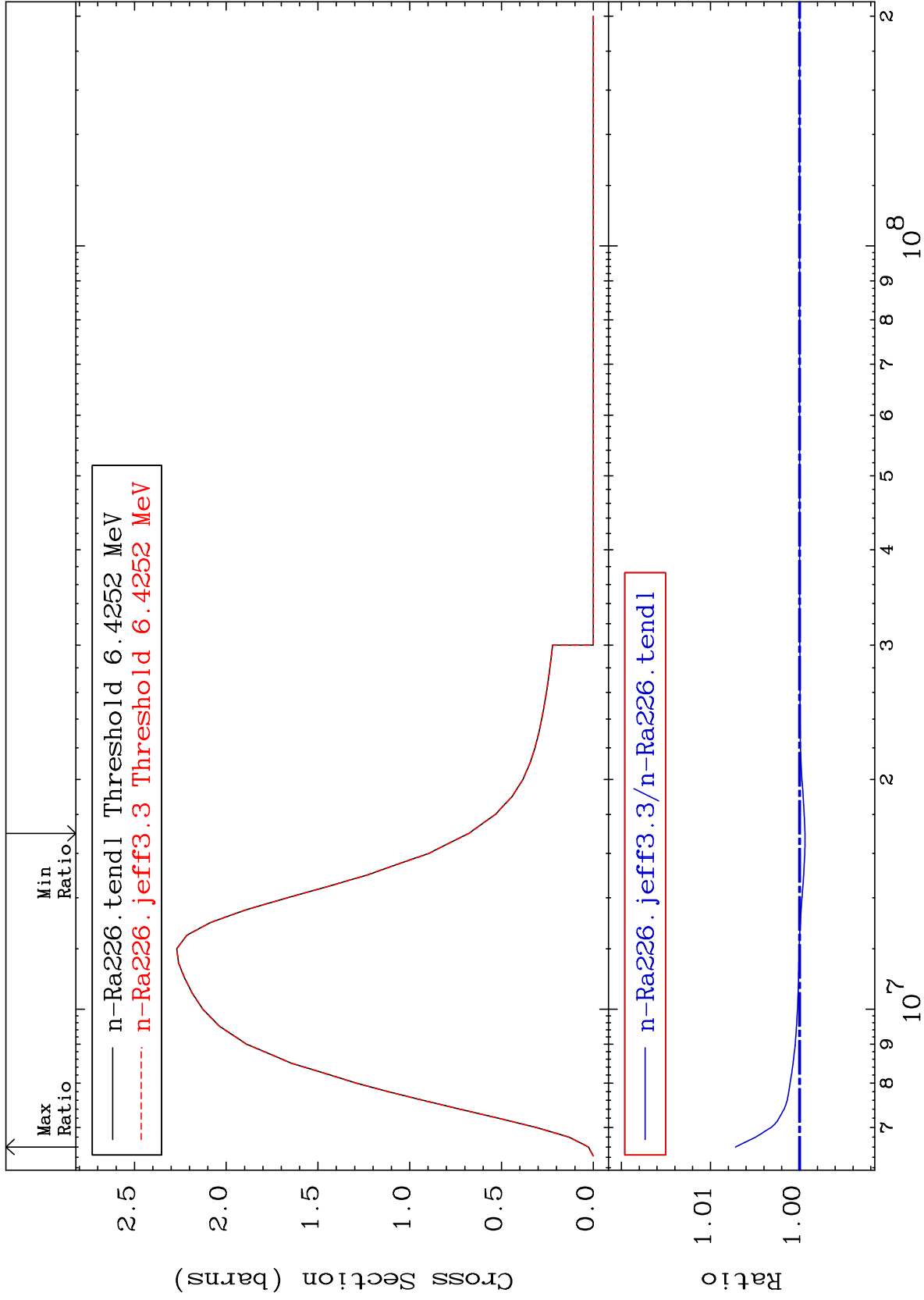
MAT 8834

(n,2n)

88-Ra-226

Cross Section

-0.060 To 0.721 %



6

Incident Energy (eV)

88-Ra-226

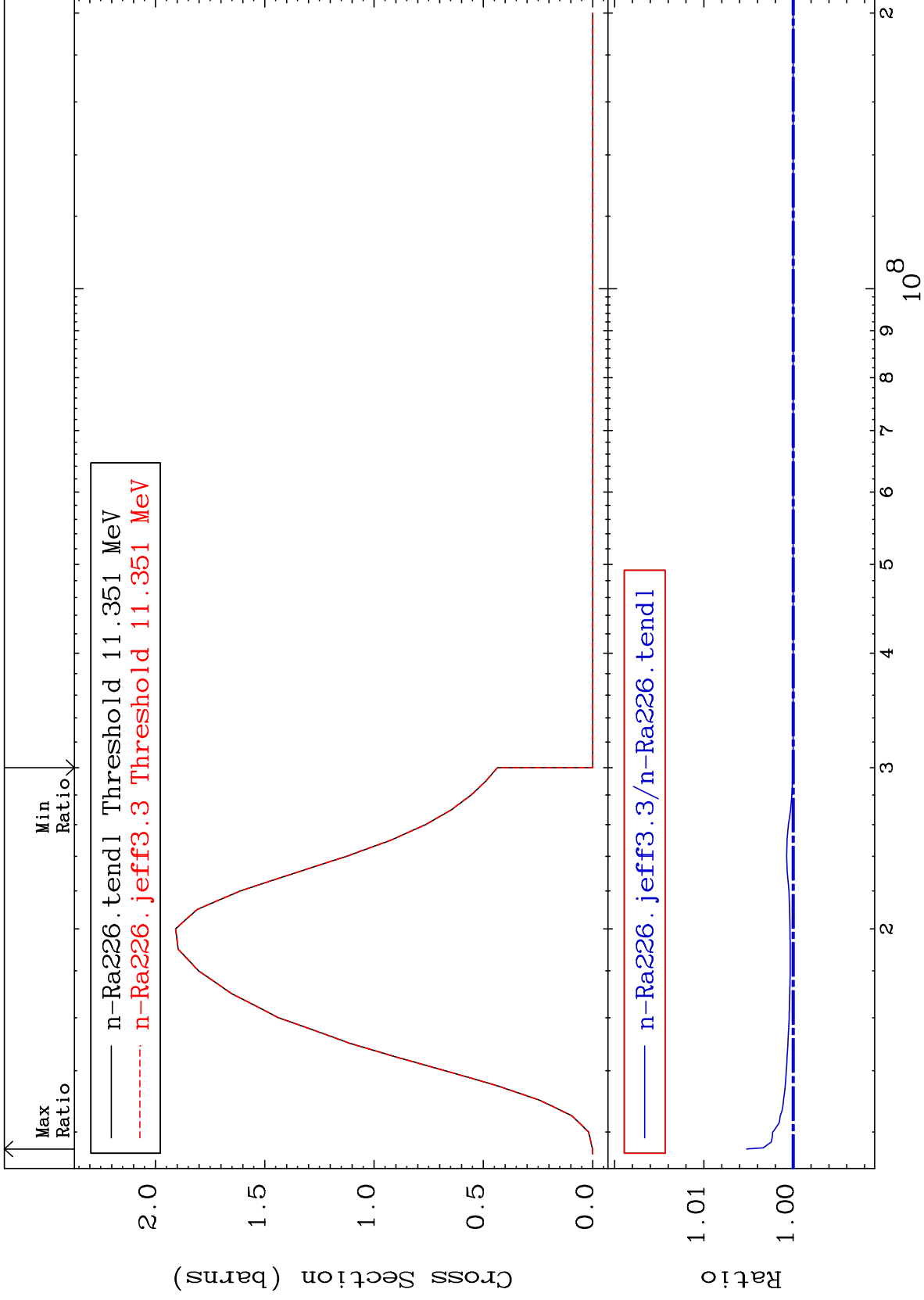
MAT 8834

(n,3n)

88-Ra-226

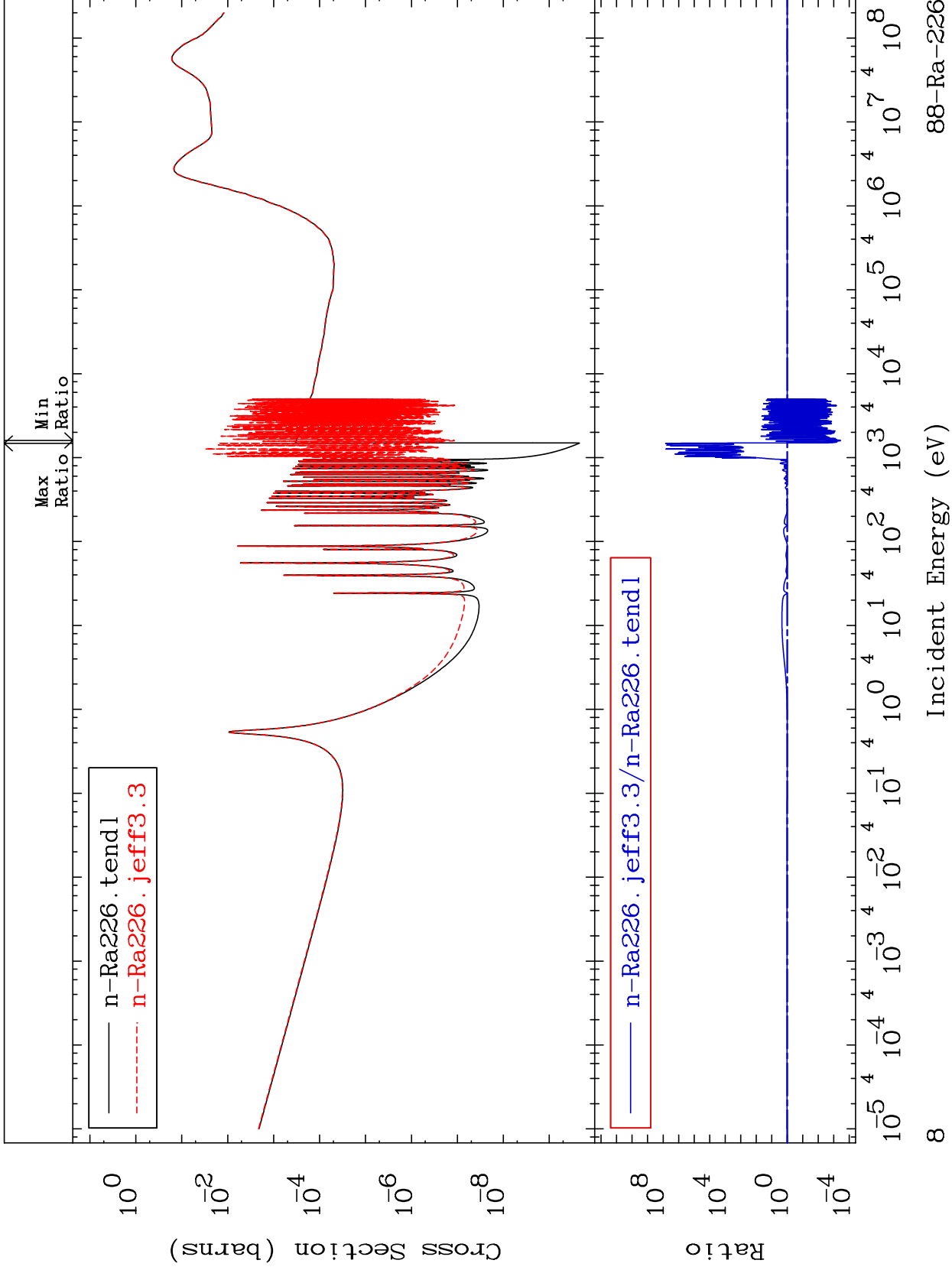
Cross Section

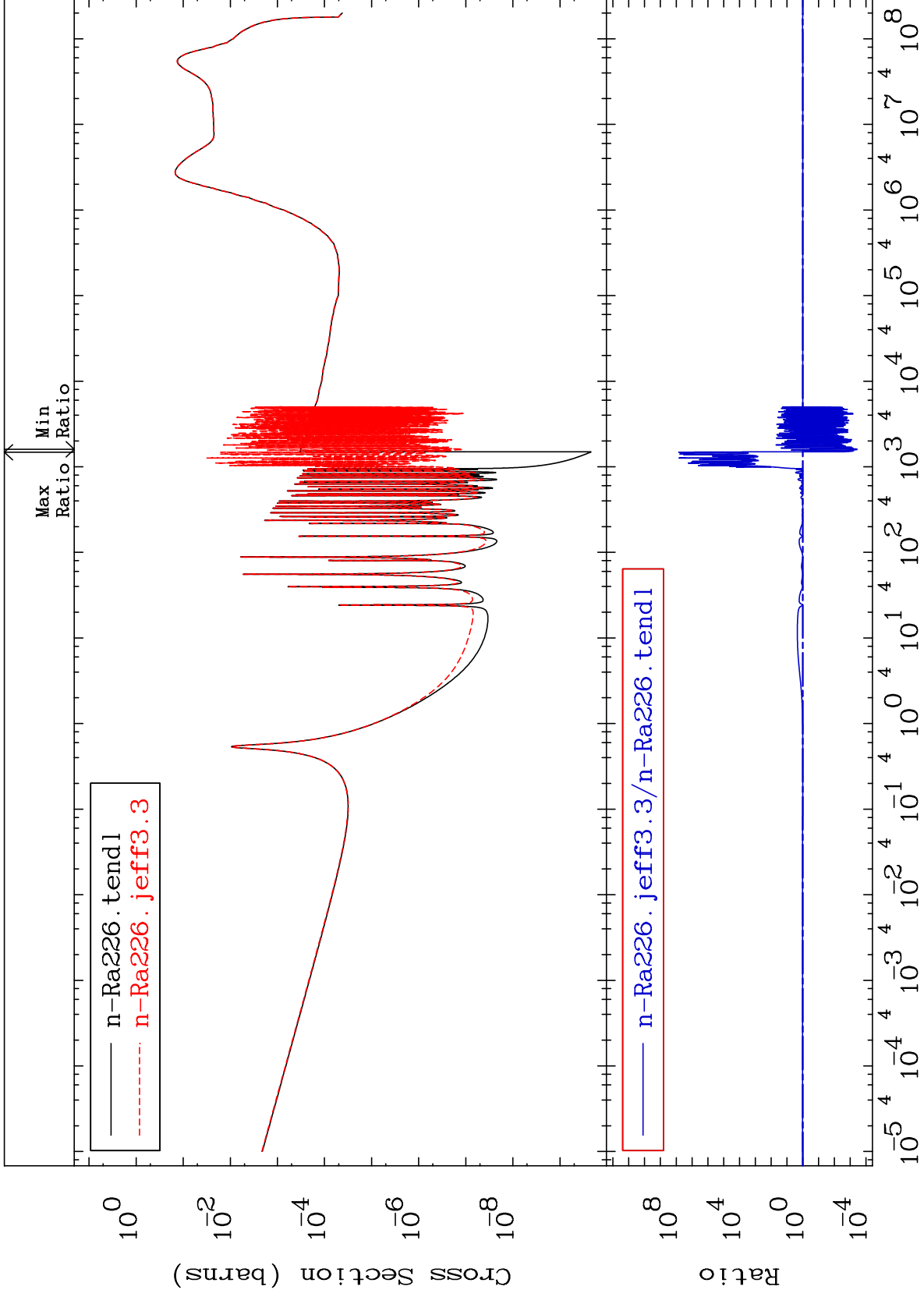
0.000 To 0.521 %



Cross Section

-99.96 To 9999. %

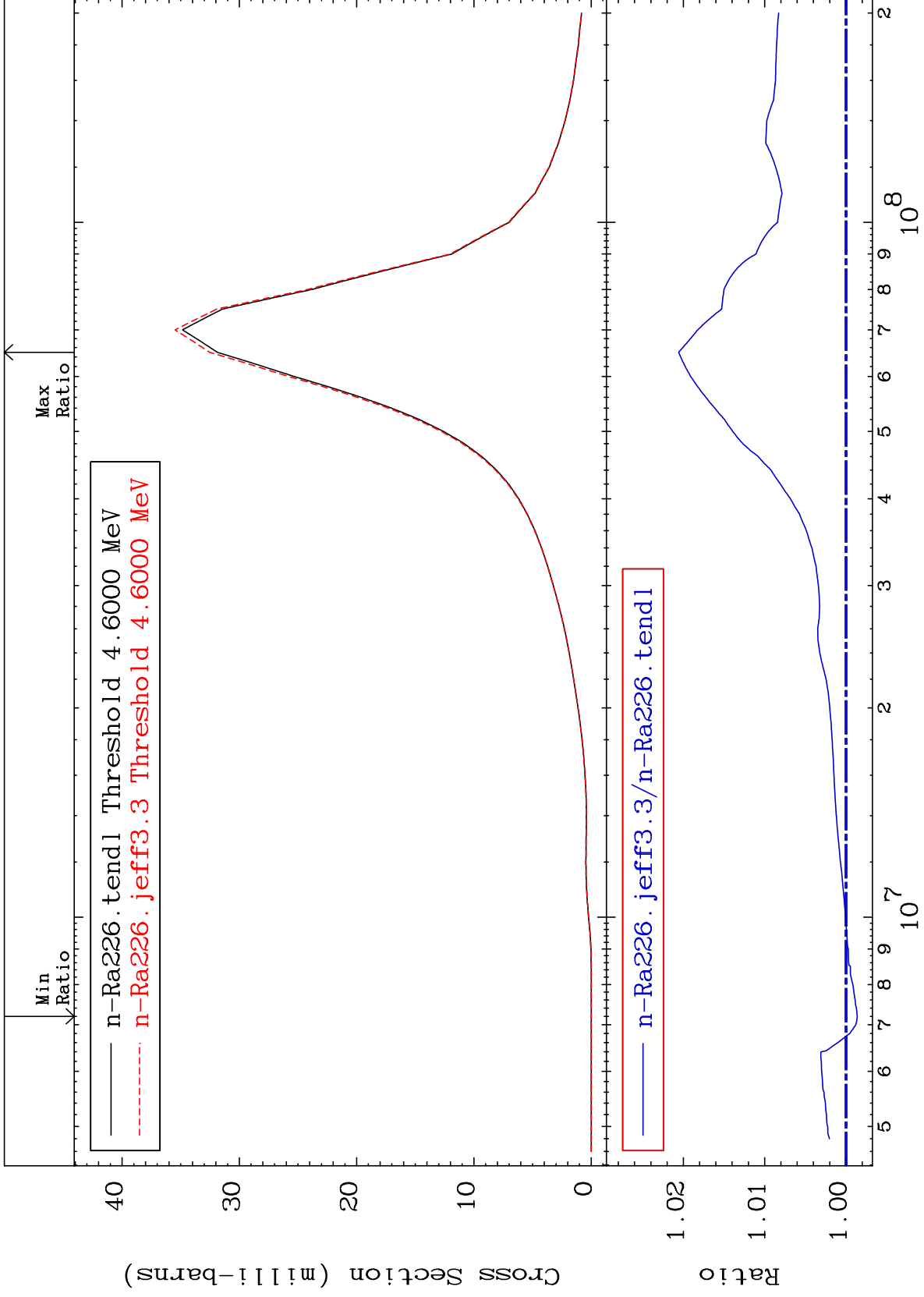




MAT 8834

(n, nf) Second Chance
Cross Section

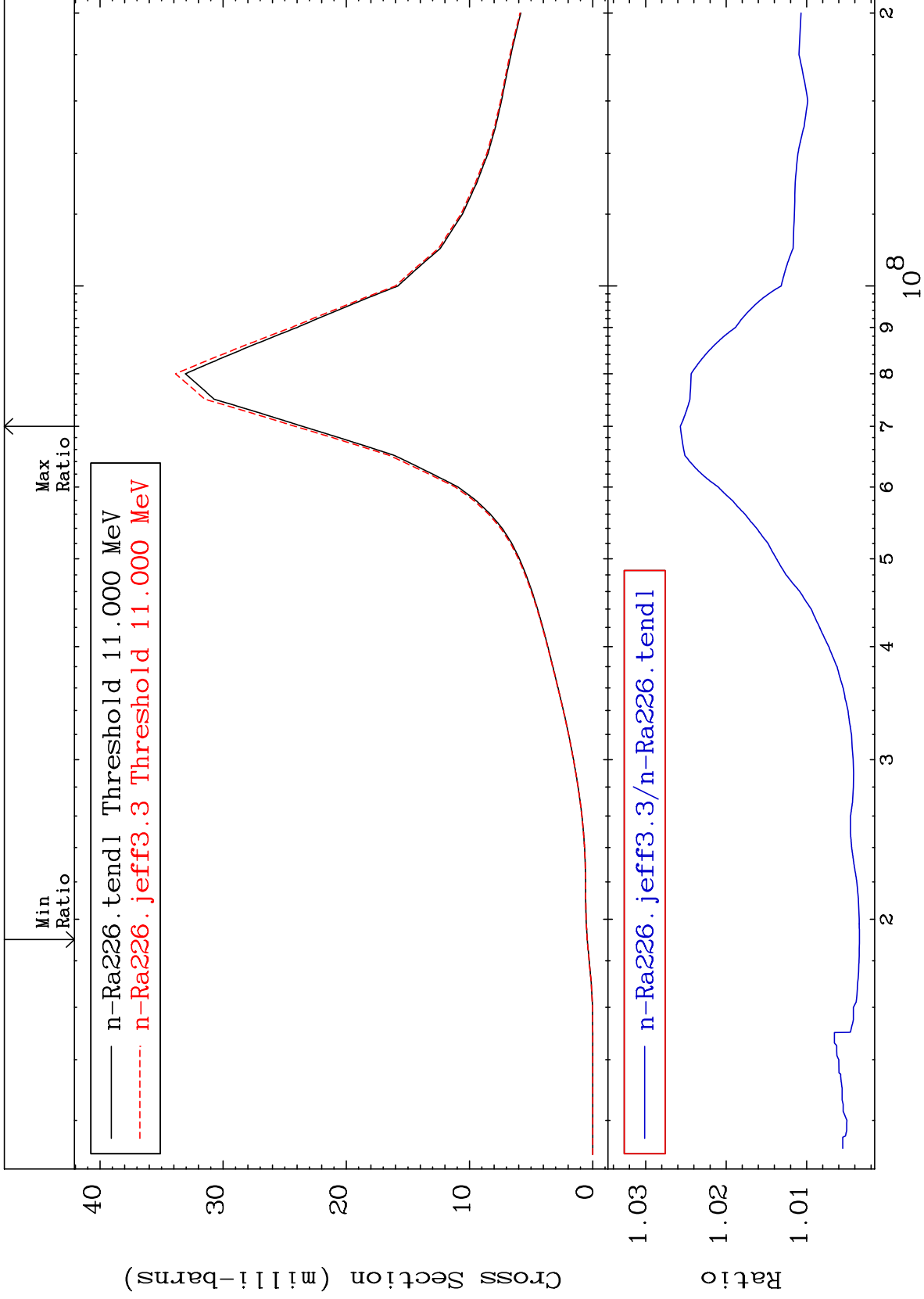
88-Ra-226
-0.139 To 2.058 %



MAT 8834

(n,2nf) Third Chance
Cross Section

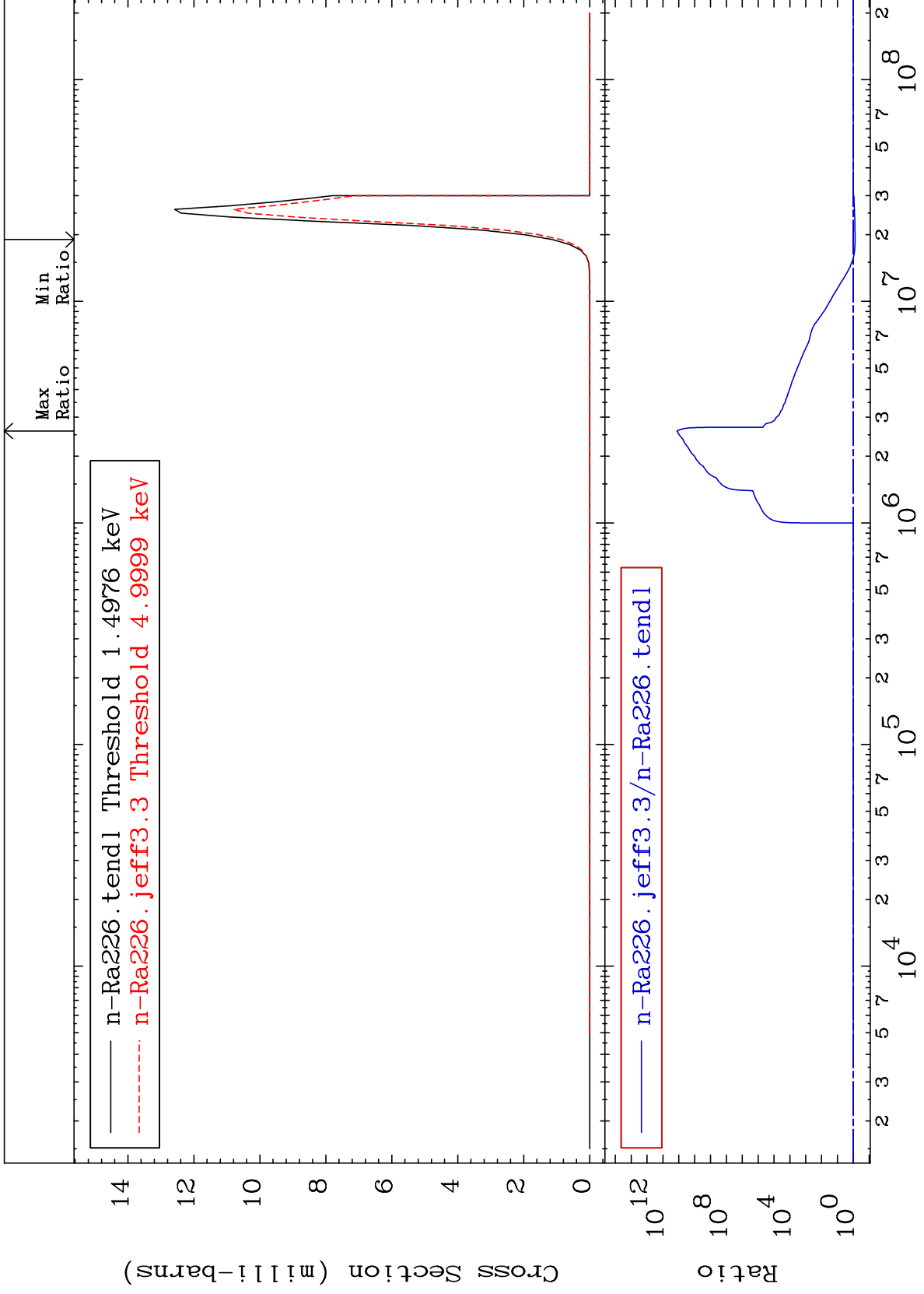
88-Ra-226
0.344 To 2.569 %



MAT 8834

$(n, n') \alpha$
Cross Section

88-Ra-226
-22.77 To 9999. %



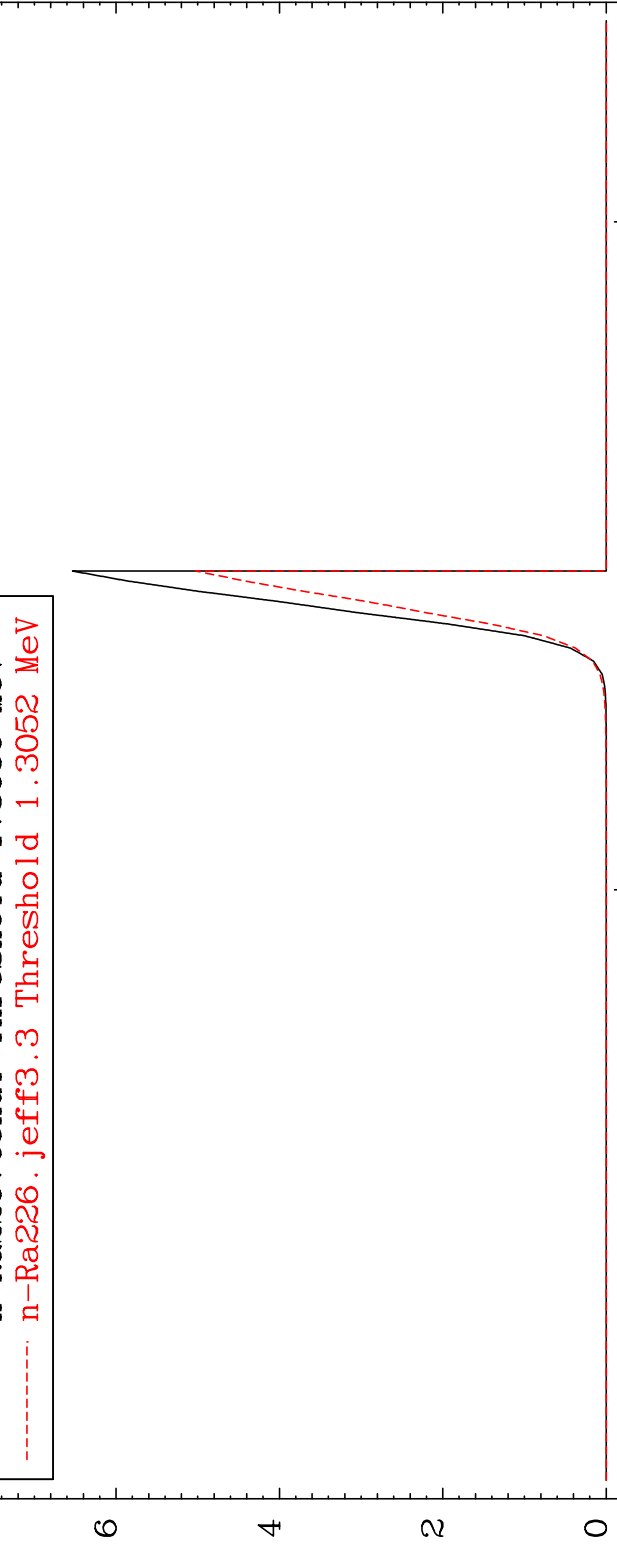
Cross Section

Max Ratio

Min Ratio

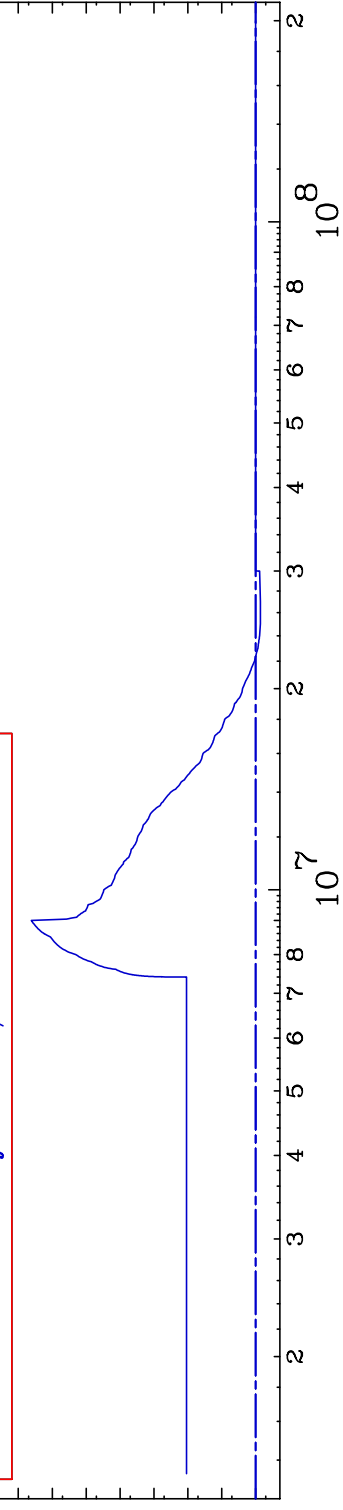
— n-Ra226.tendl Threshold 1.3056 MeV
- - - n-Ra226.jeff3.3 Threshold 1.3052 MeV

Cross Section (milli-barns)



— n-Ra226.jeff3.3/n-Ra226.tendl

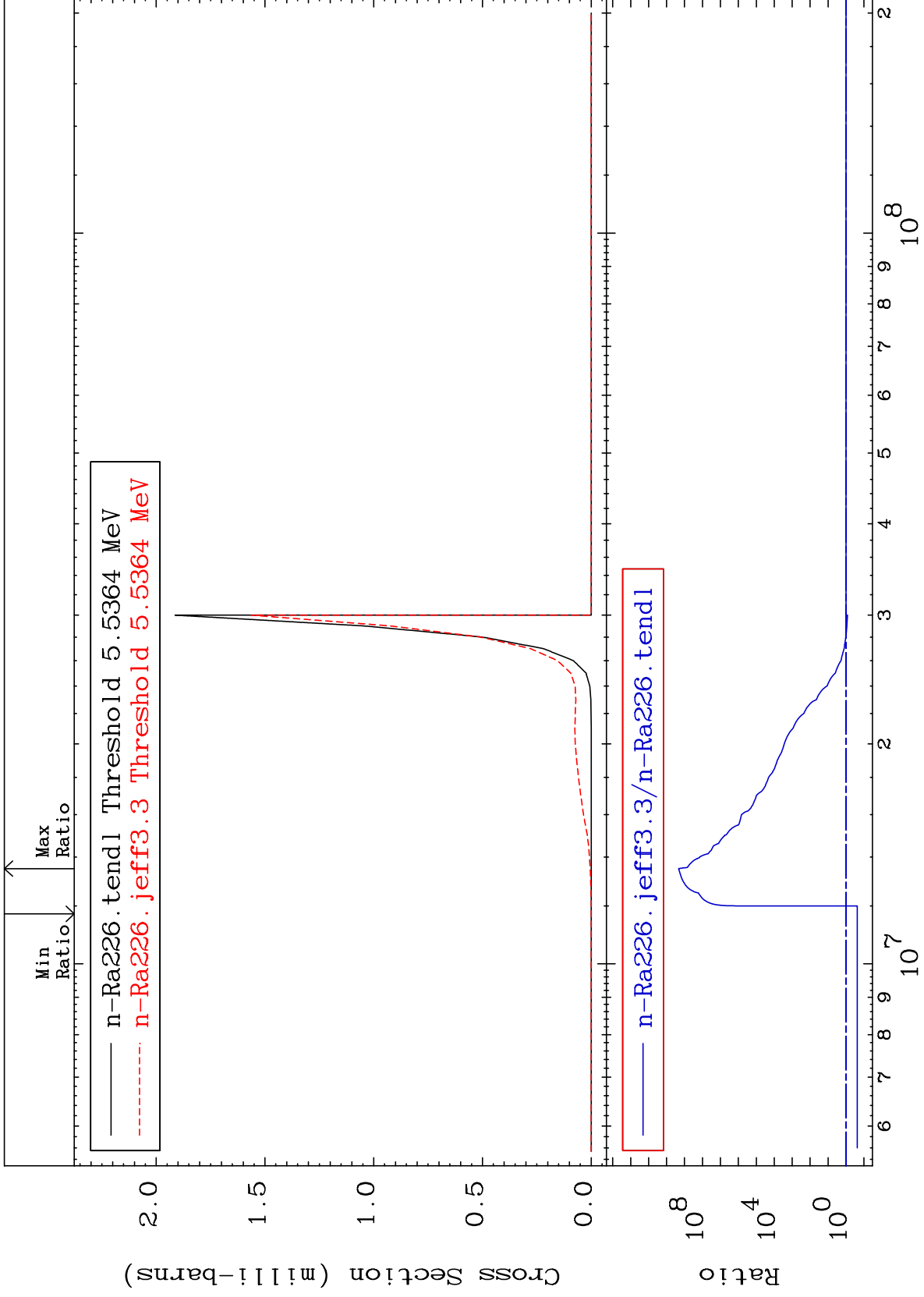
Ratio
10⁶
10³
10⁰



MAT 8834

(n,3n) α
Cross Section

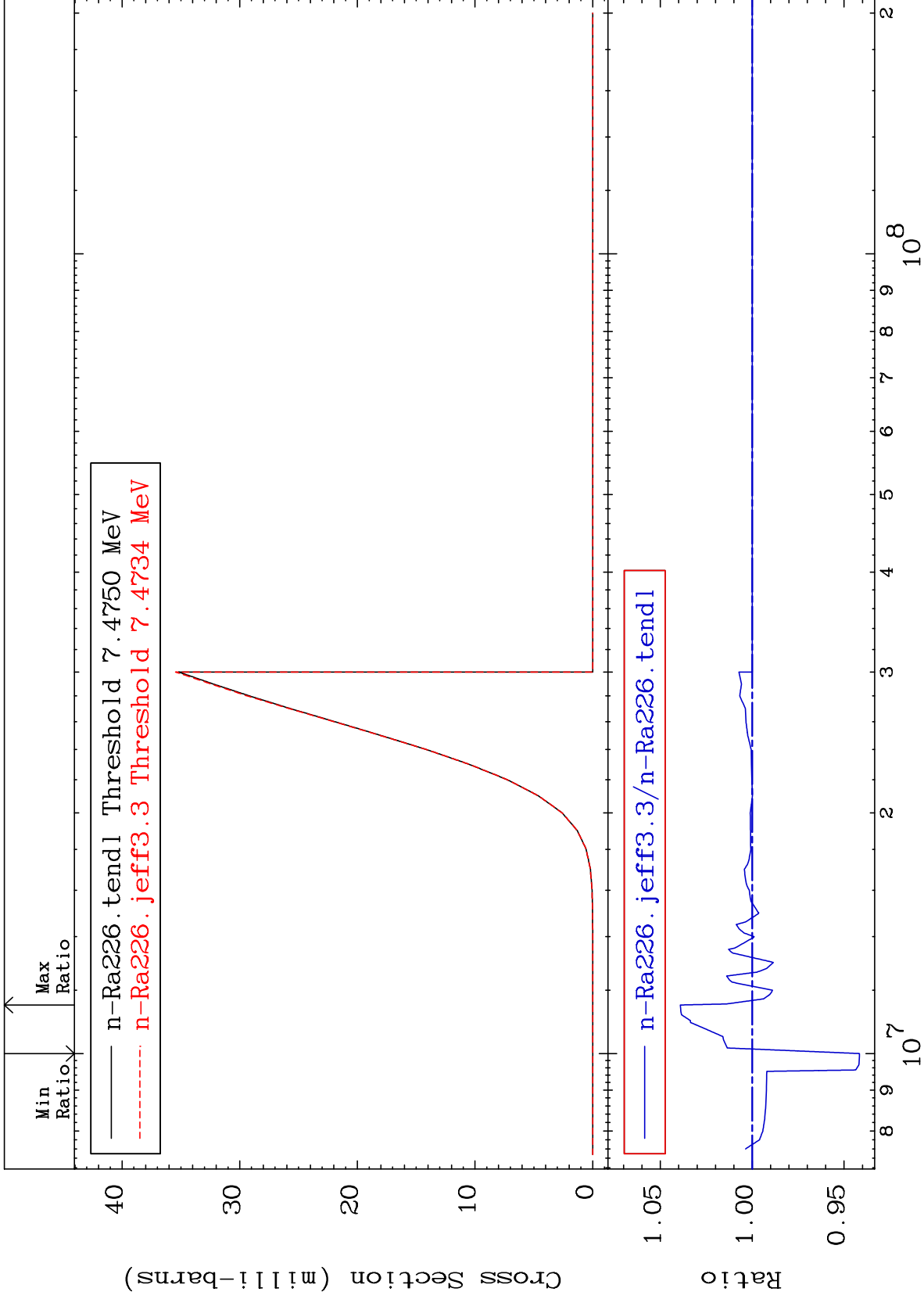
88-Ra-226
-76.46 To 9999. %



MAT 8834

(n,n') p
Cross Section

88-Ra-226
-5.835 To 3.912 %



15

Incident Energy (eV)

88-Ra-226

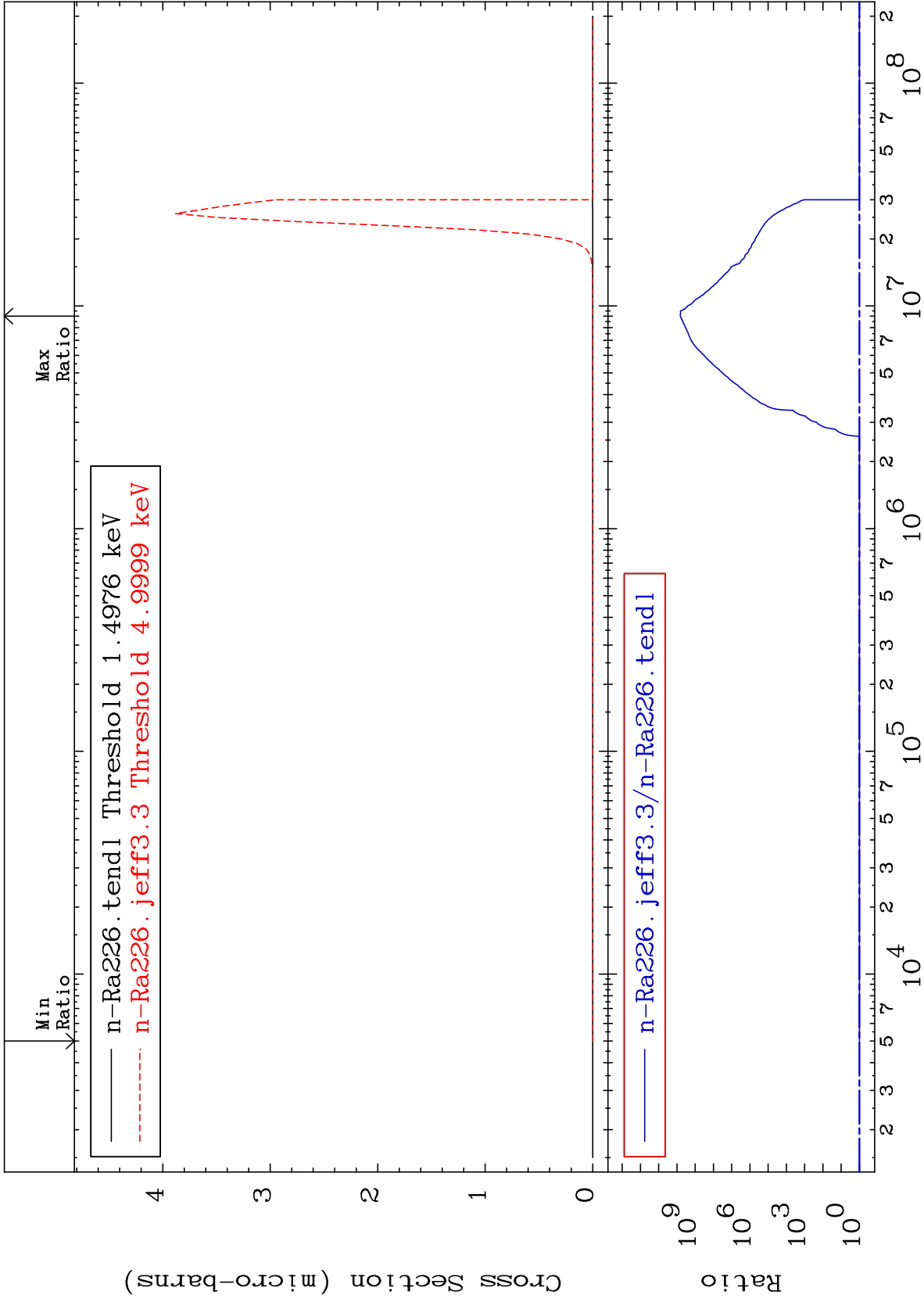
MAT 8834

(n, n') 2α

88-Ra-226

Cross Section

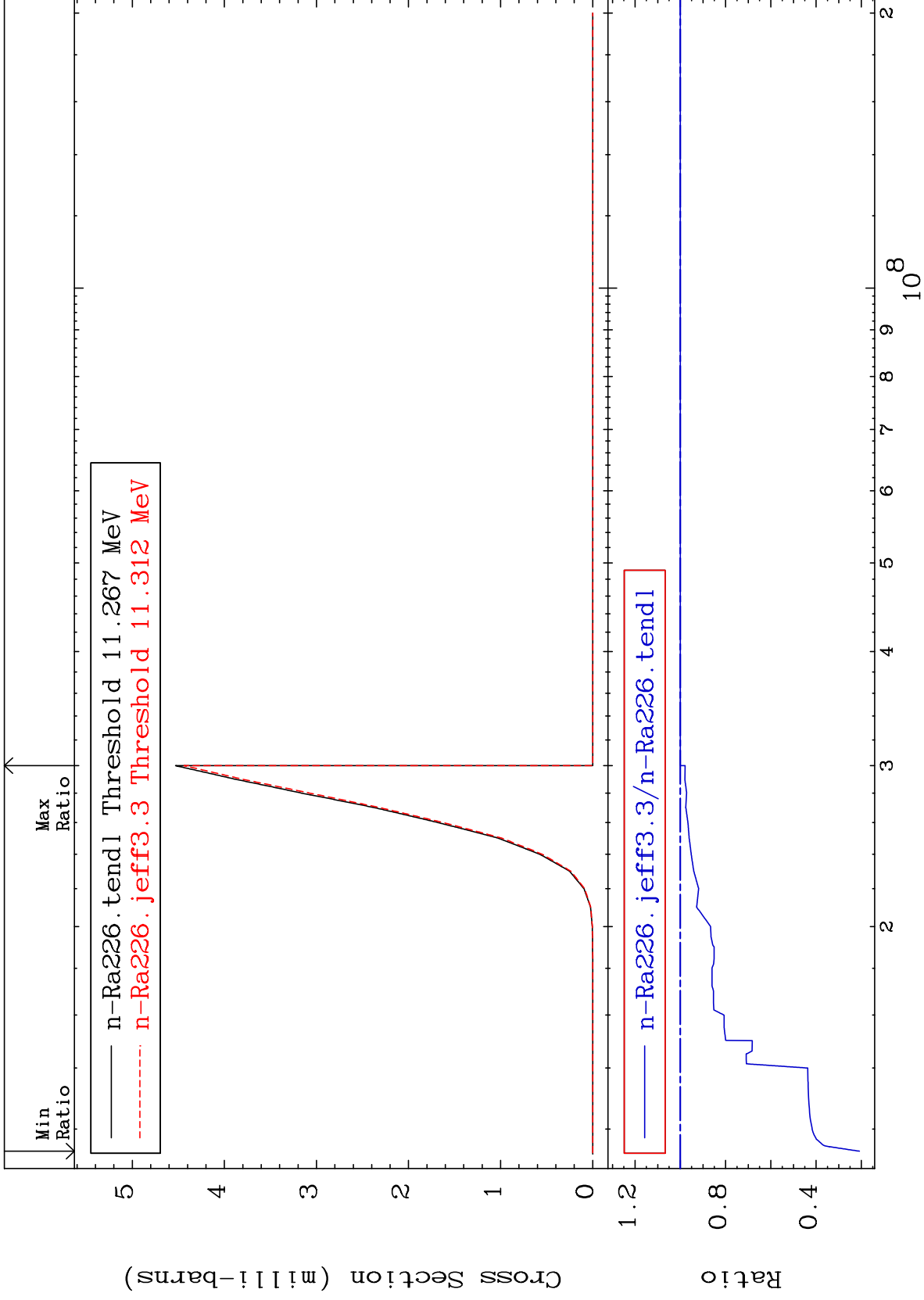
To 9999. %



16

Incident Energy (eV)

88-Ra-226



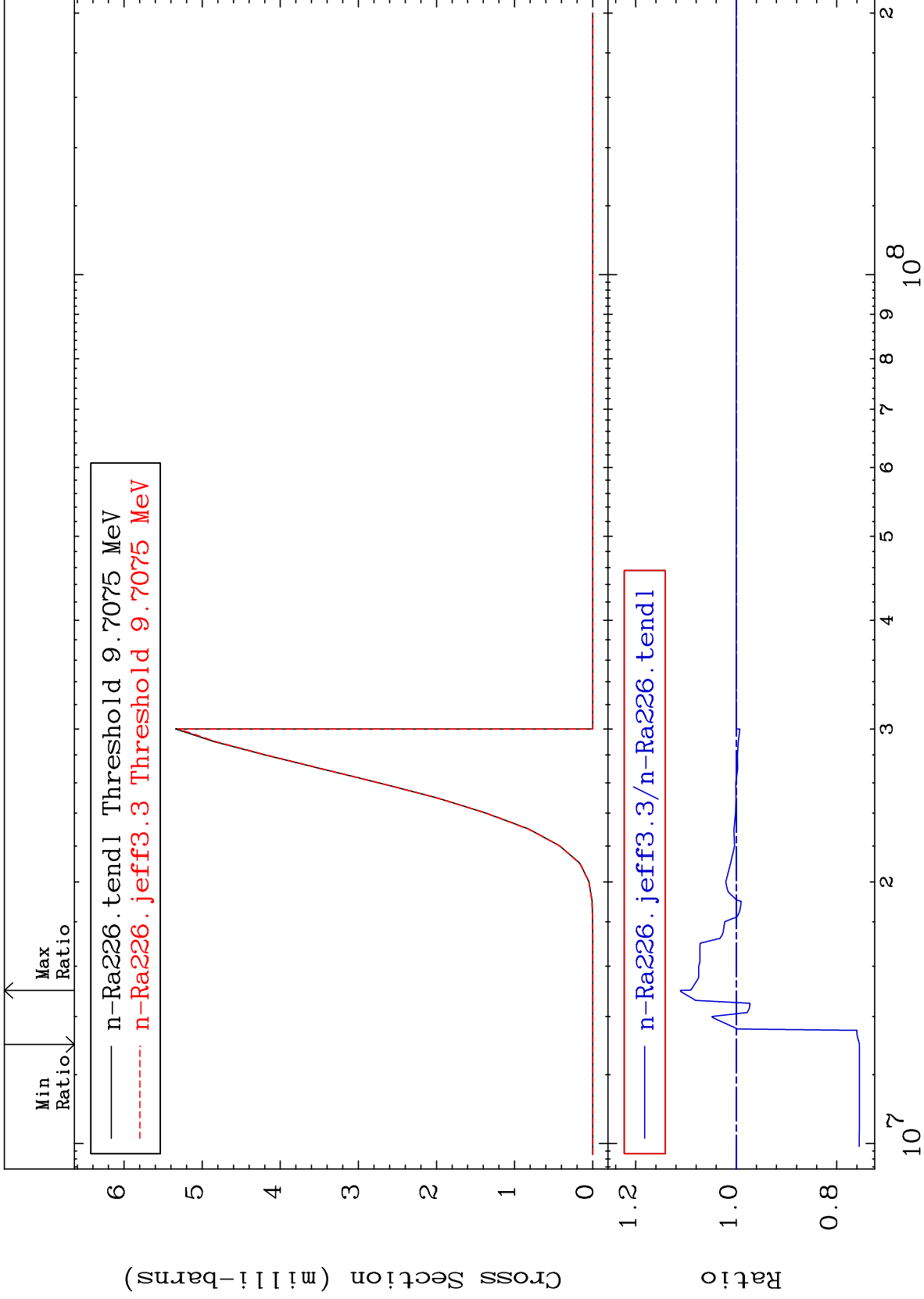
MAT 8834

(n,n') t

88-Ra-226

Cross Section

-24.51 To 11.13 %



18

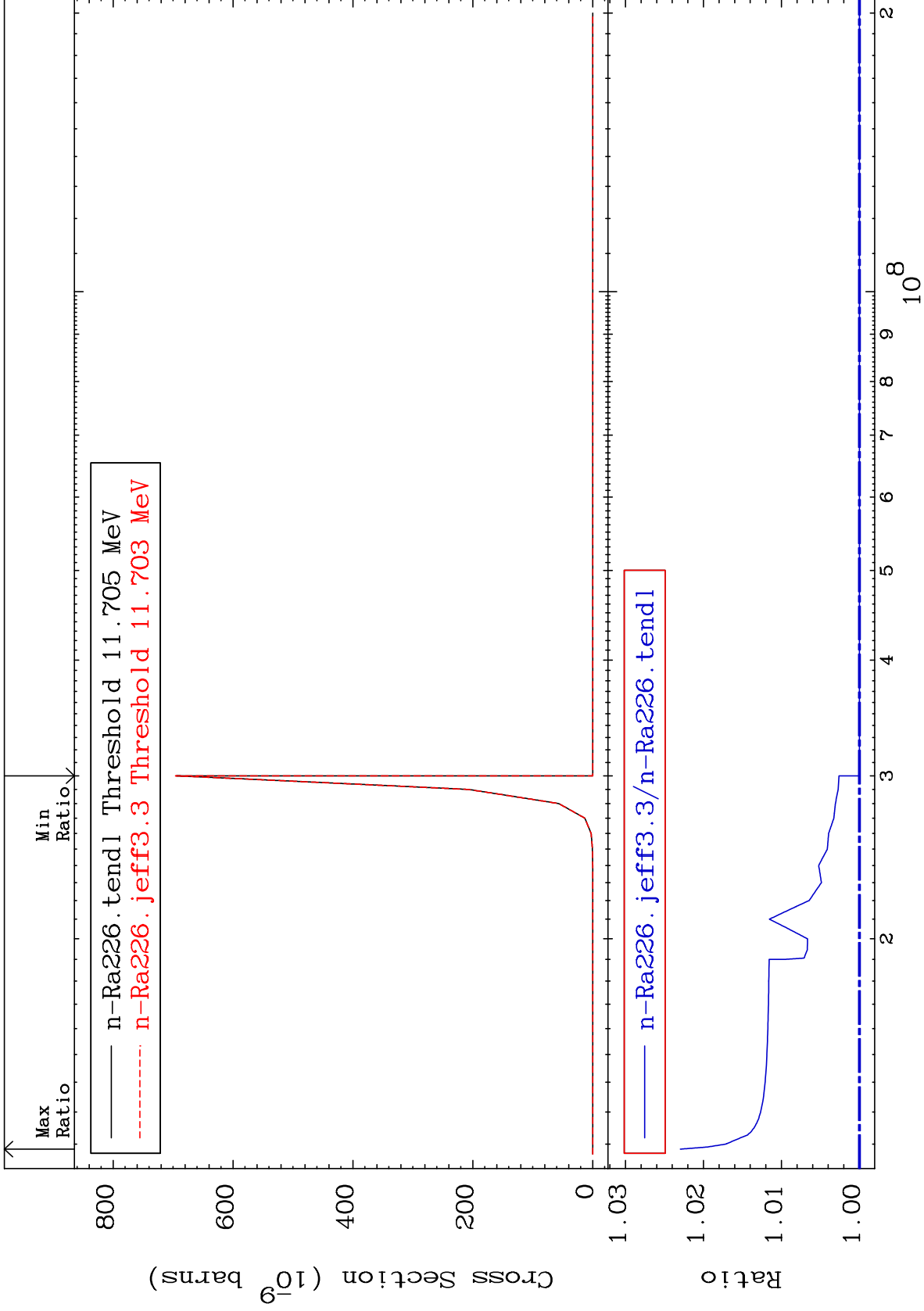
Incident Energy (eV)

88-Ra-226

MAT 8834

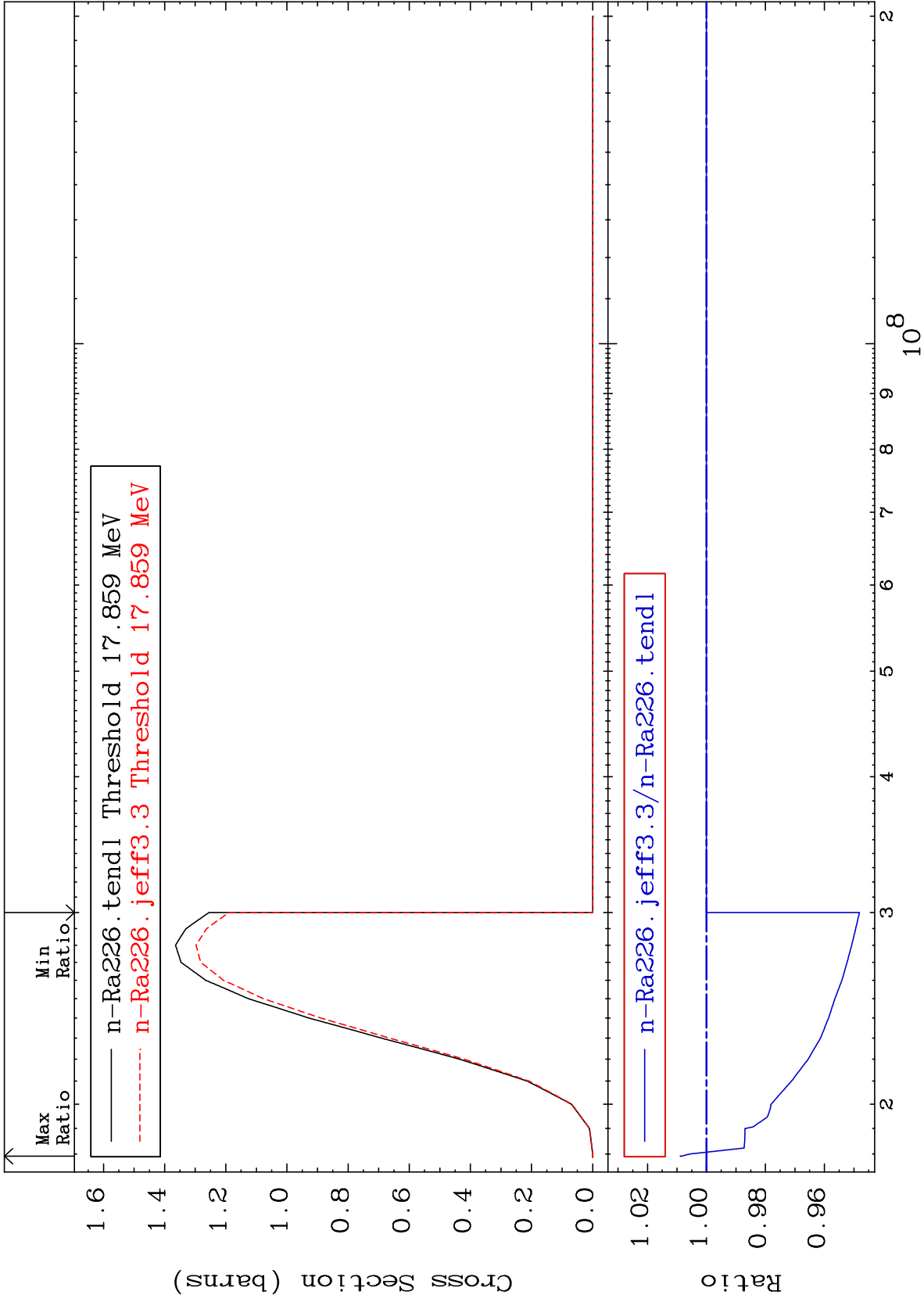
(n, n') He-3
Cross Section

88-Ra-226
To 2.296 %



Cross Section

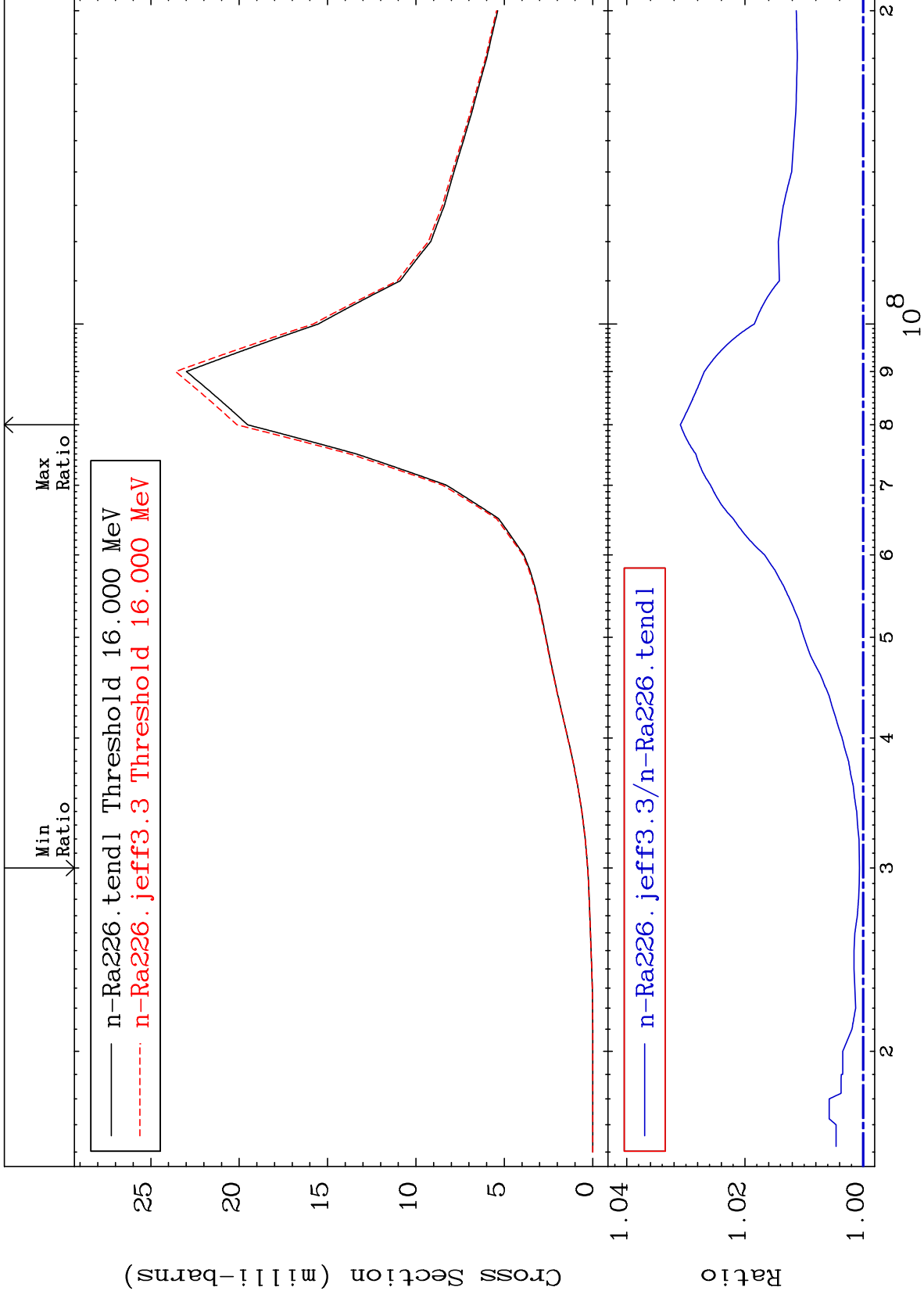
-5.187 To 0.885 %



MAT 8834

(n,3nf) Fourth Chance
Cross Section

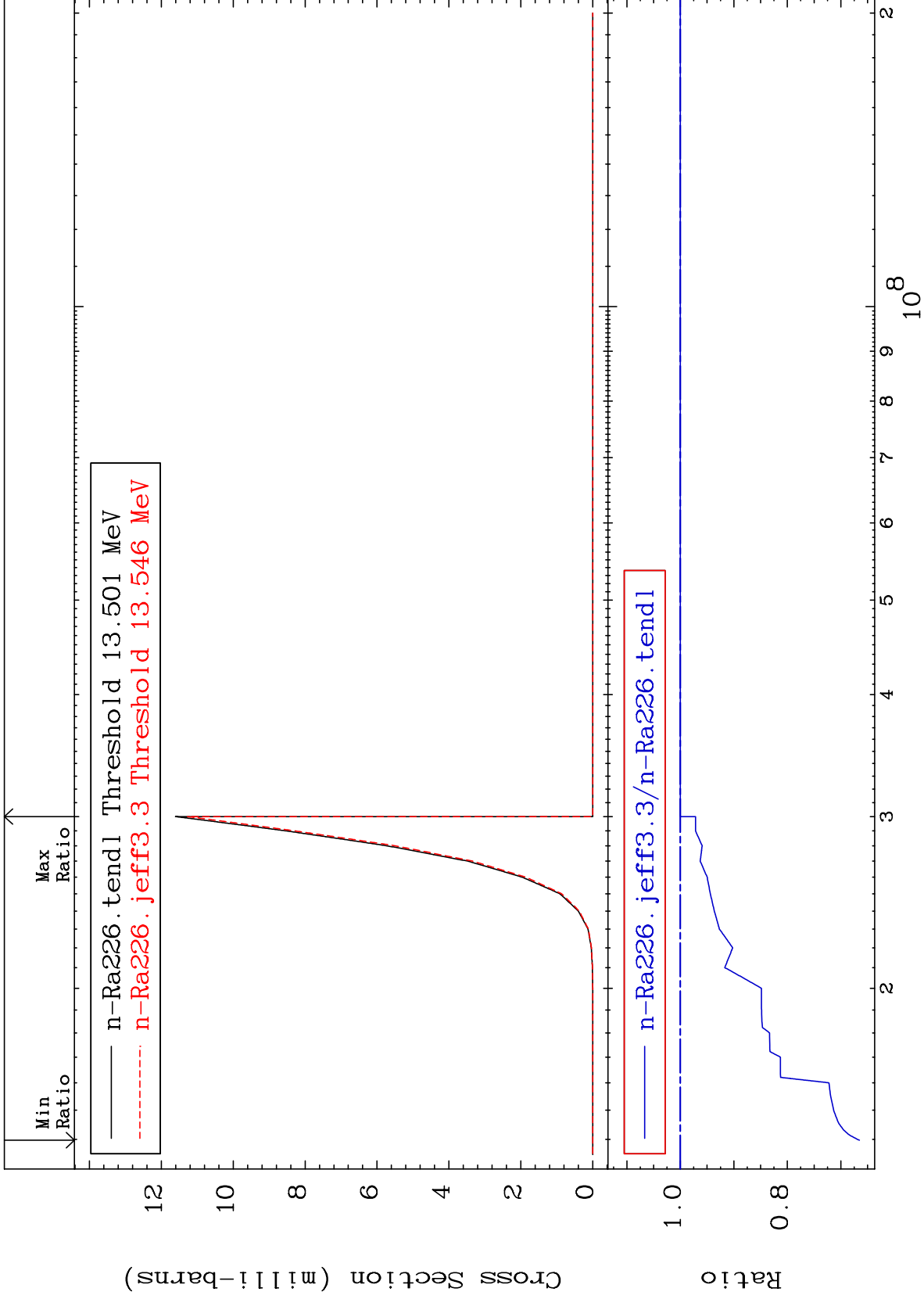
88-Ra-226
To 3.093 %



MAT 8834

(n,2n) p
Cross Section

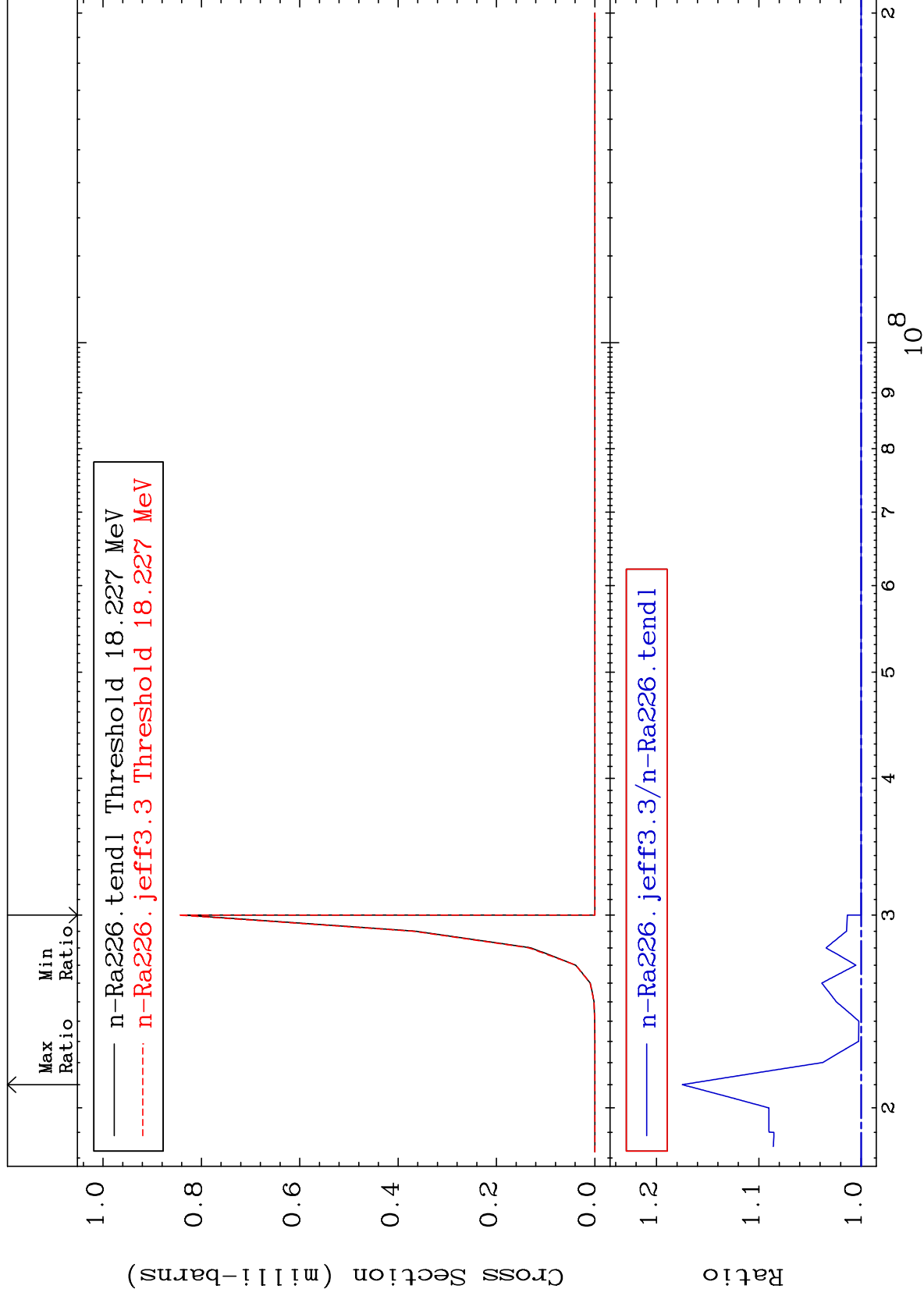
88-Ra-226
-33.47 To 0.000 %

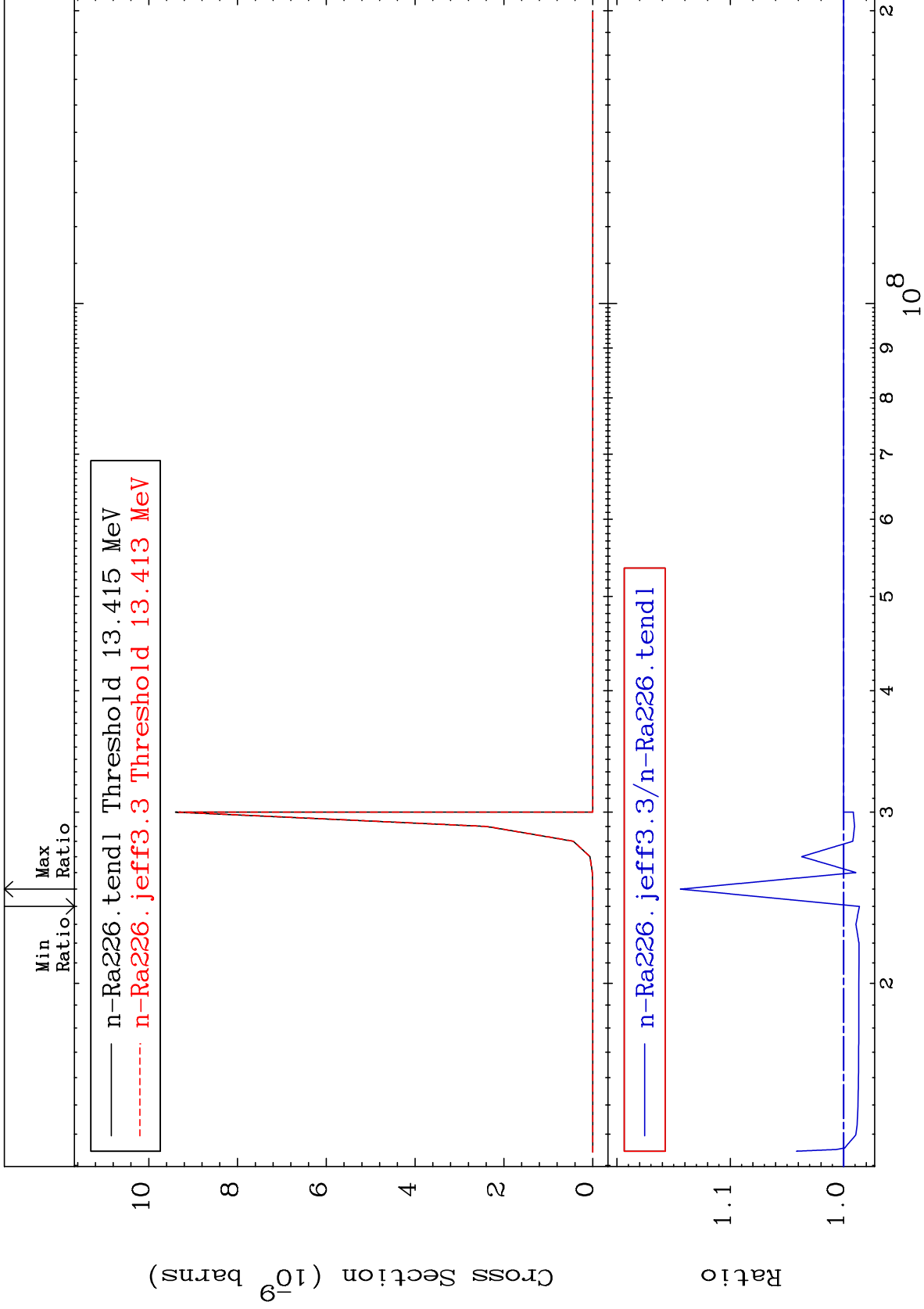


MAT 8834

(n,3n) p
Cross Section

88-Ra-226
To 17.48 %

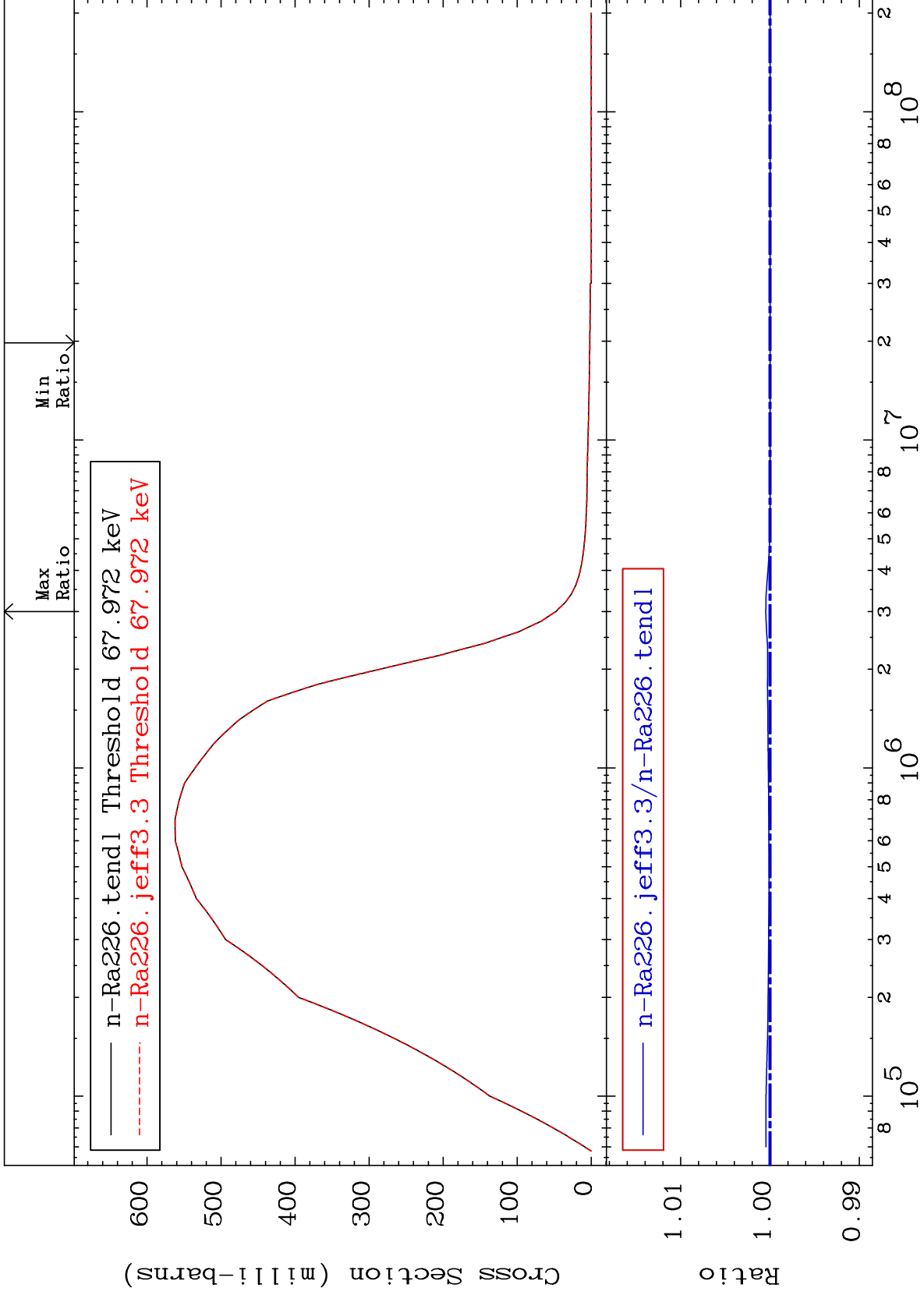




MAT 8834

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

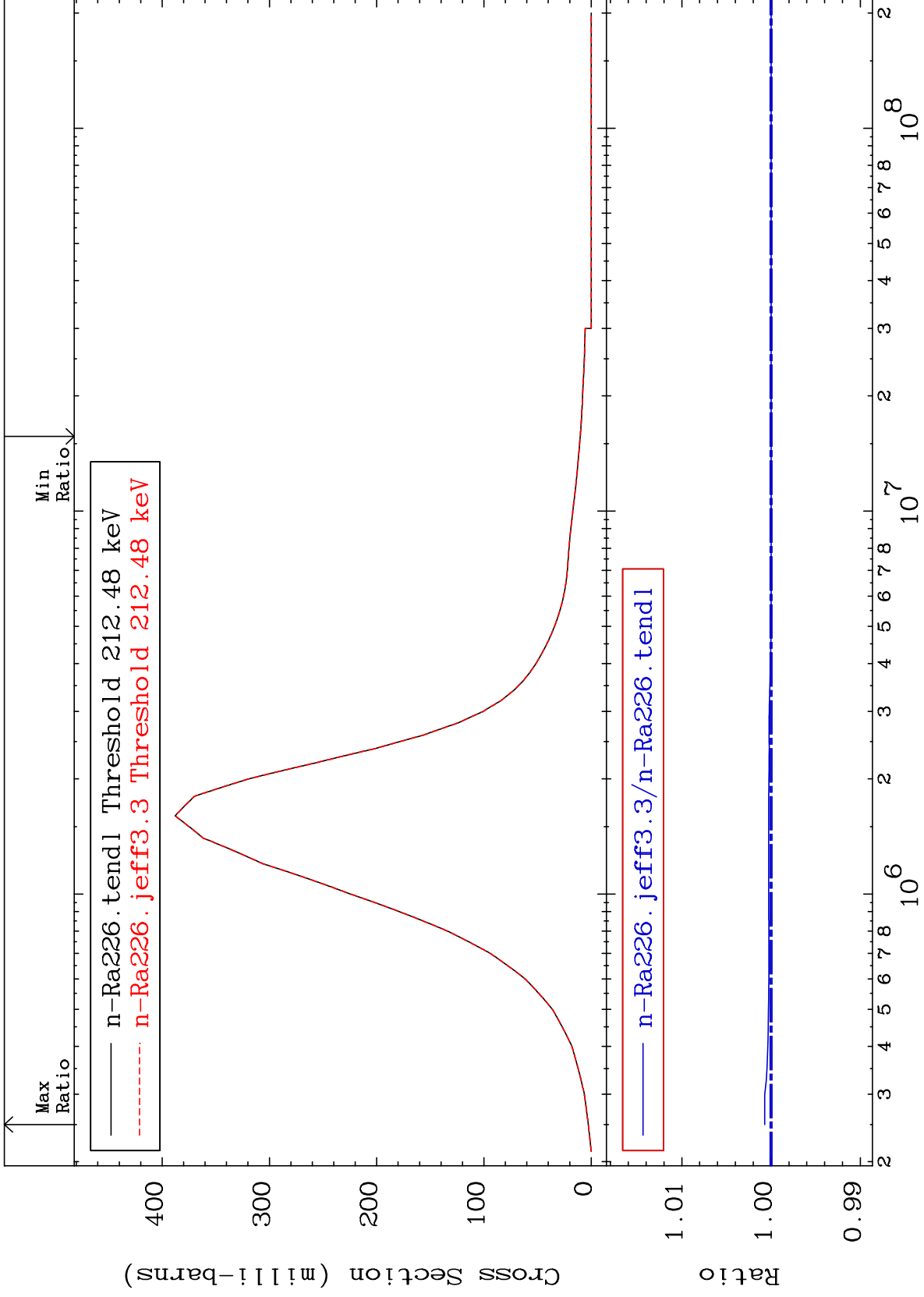
88-Ra-226
To 0.047 %



MAT 8834

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

88-Ra-226
To 0.071 %



26

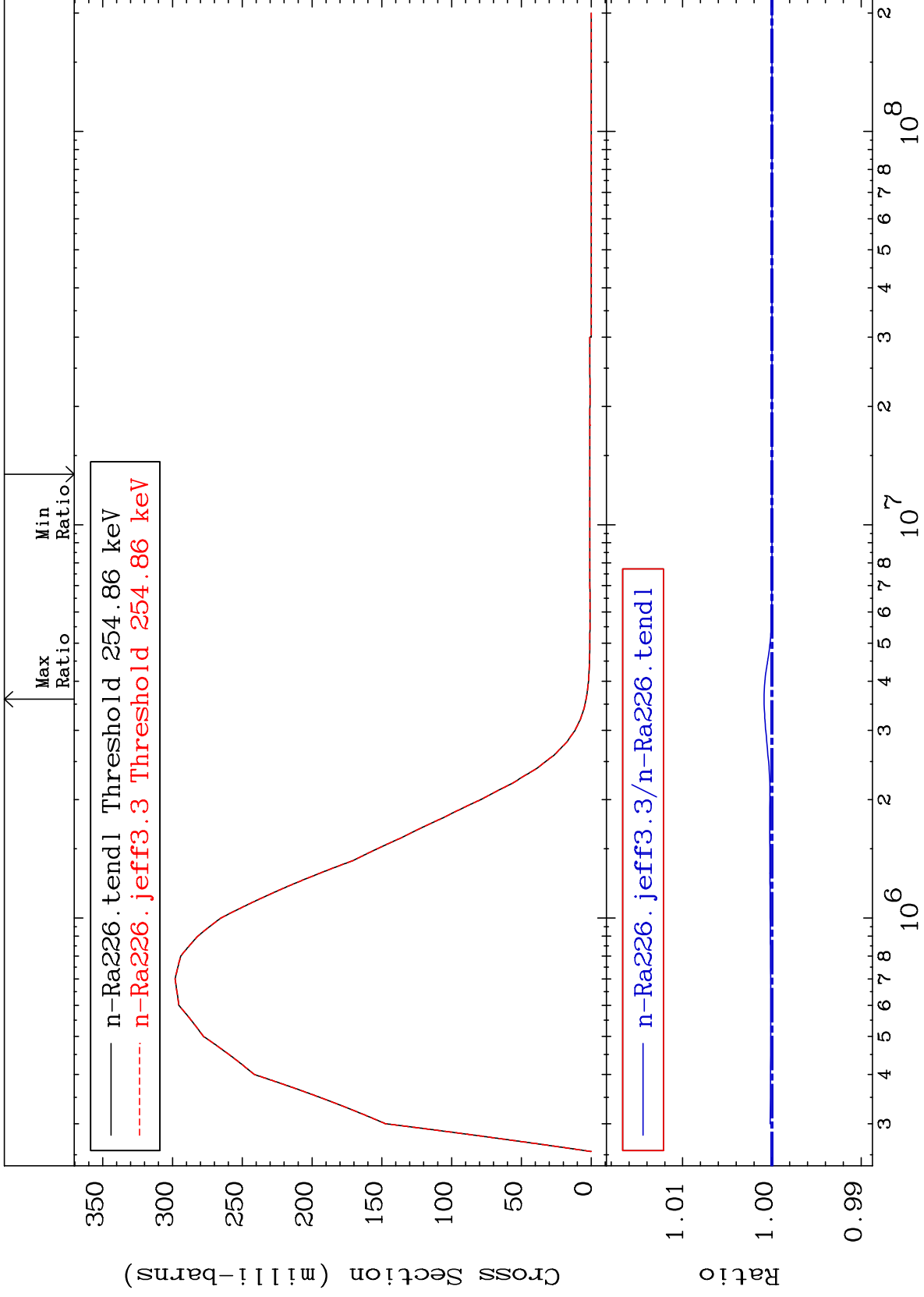
Incident Energy (eV)

88-Ra-226

MAT 8834

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

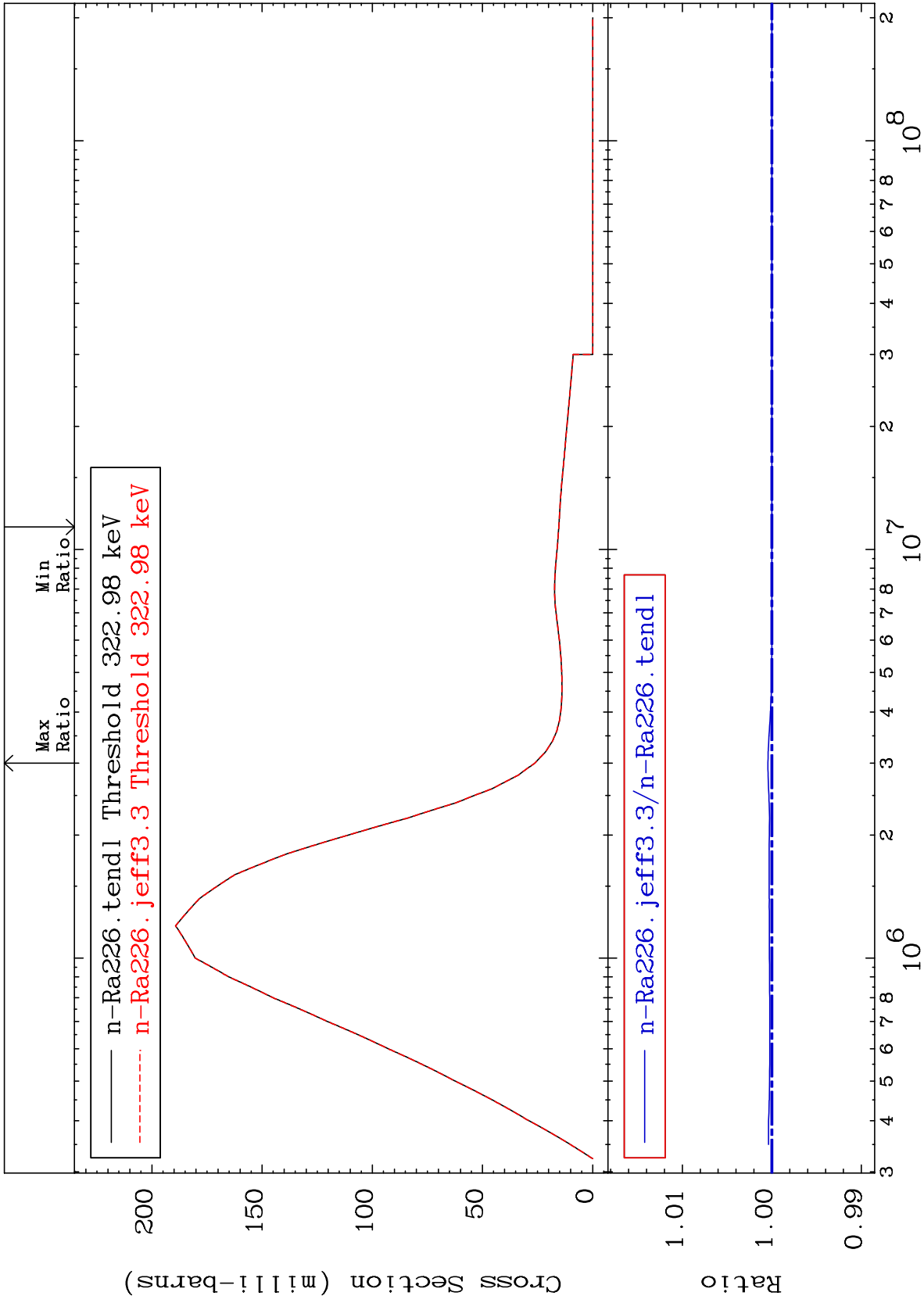
88-Ra-226
0.000 To 0.088 %



MAT 8834

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

88-Ra-226
0.000 To 0.044 %



28

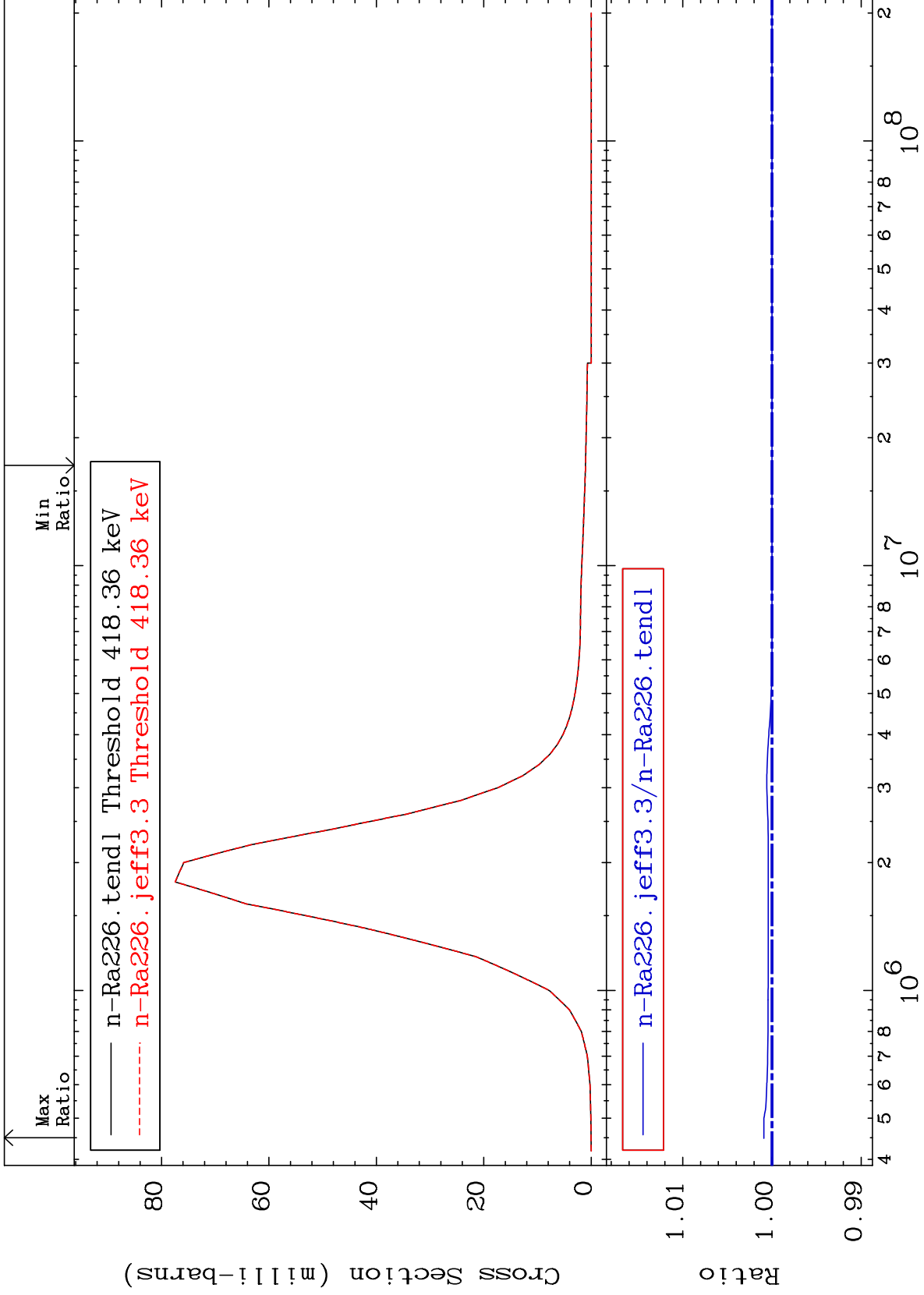
Incident Energy (eV)

88-Ra-226

MAT 8834

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

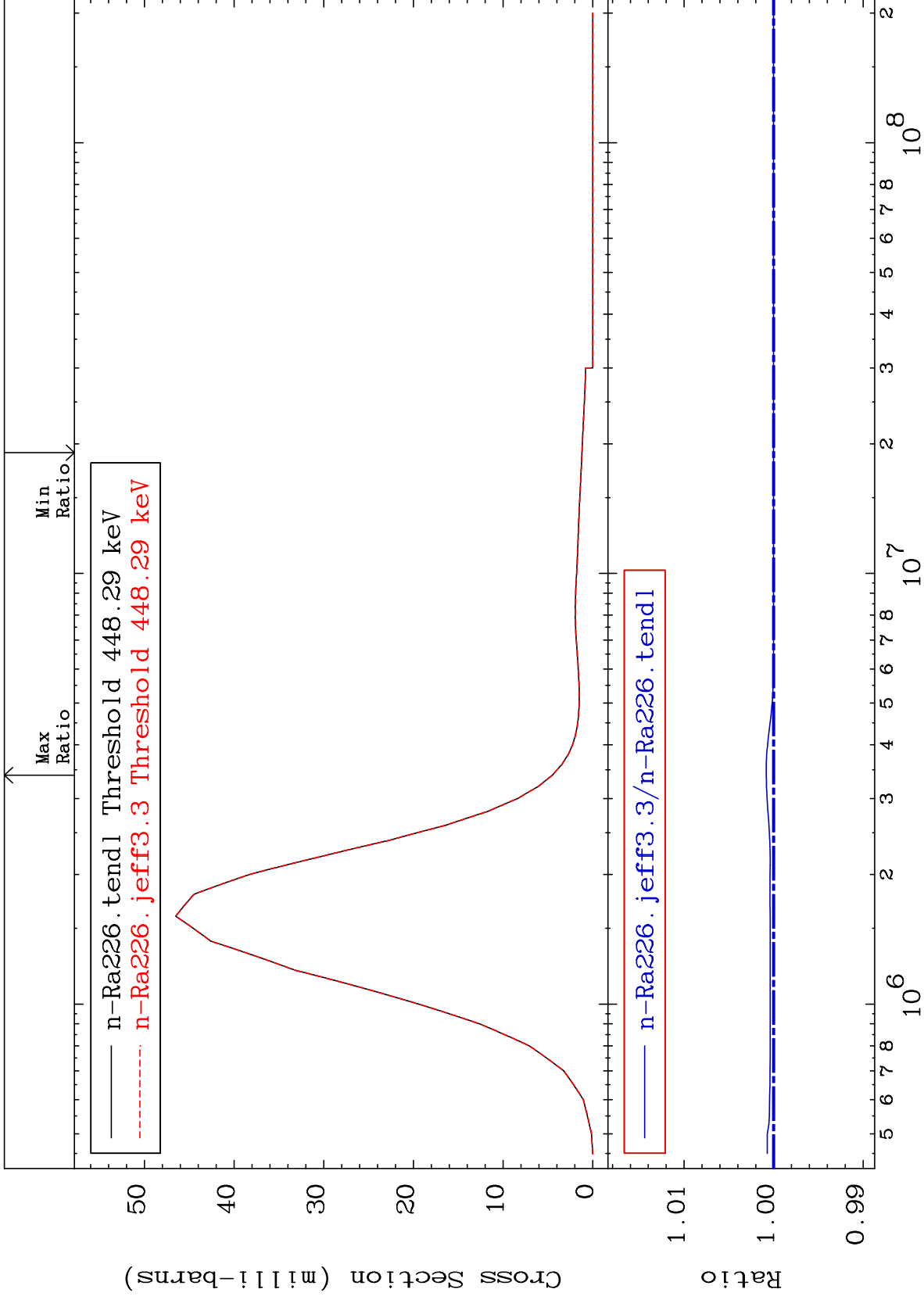
88-Ra-226
0.000 To 0.090 %



MAT 8834

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

88-Ra-226
0.000 To 0.083 %



30

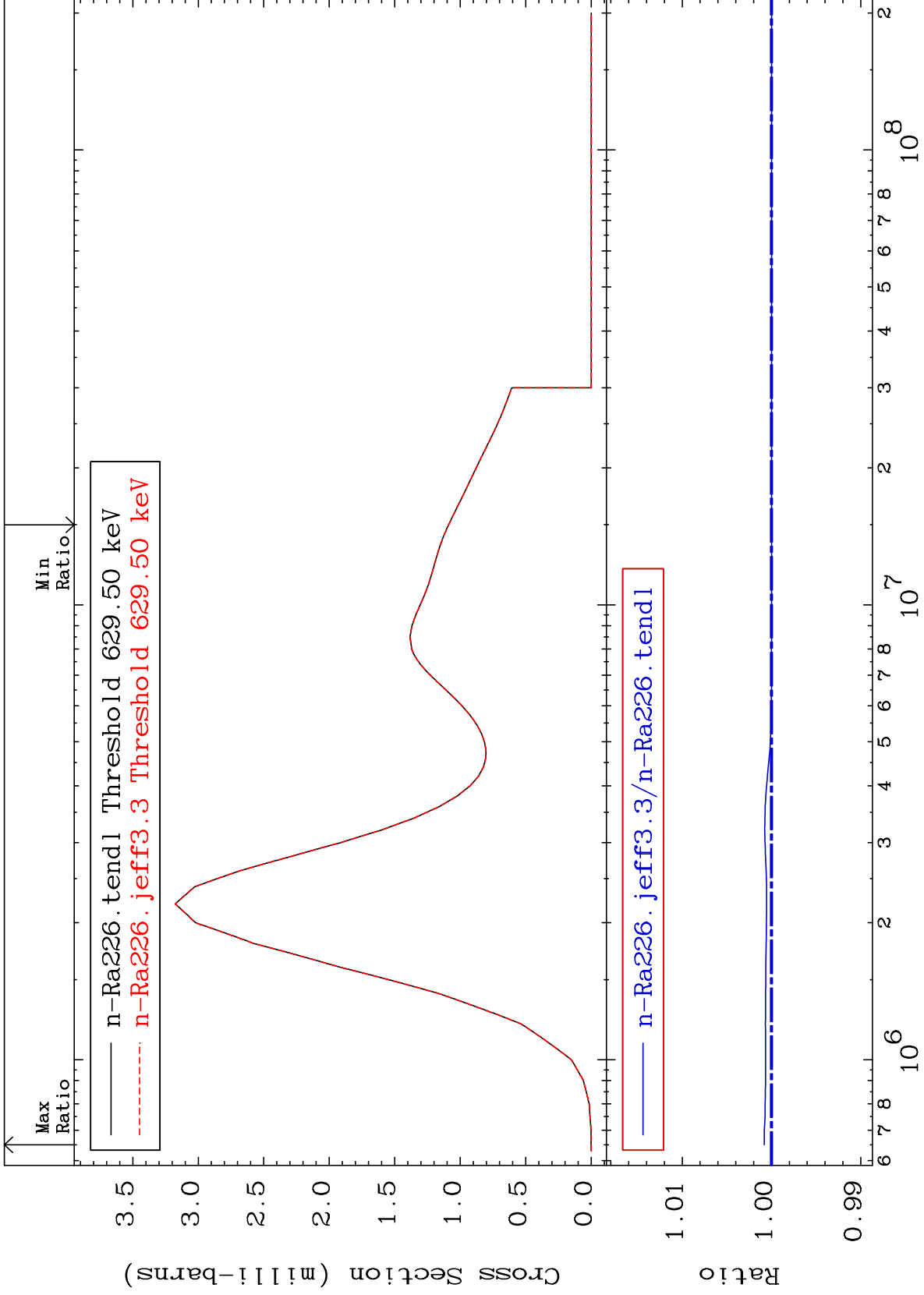
Incident Energy (eV)

88-Ra-226

MAT 8834

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

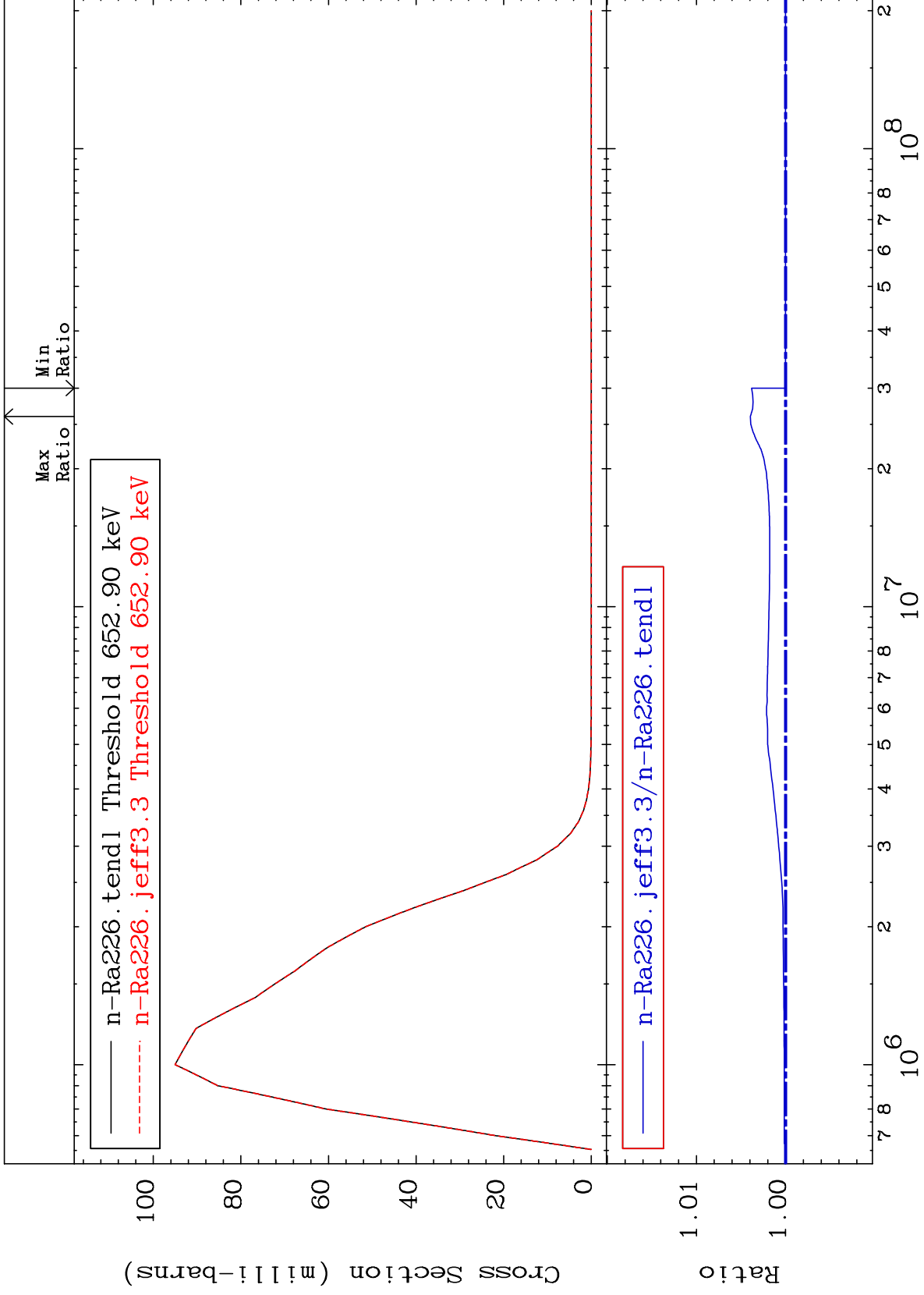
88-Ra-226
0.000 To 0.080 %



MAT 8834

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

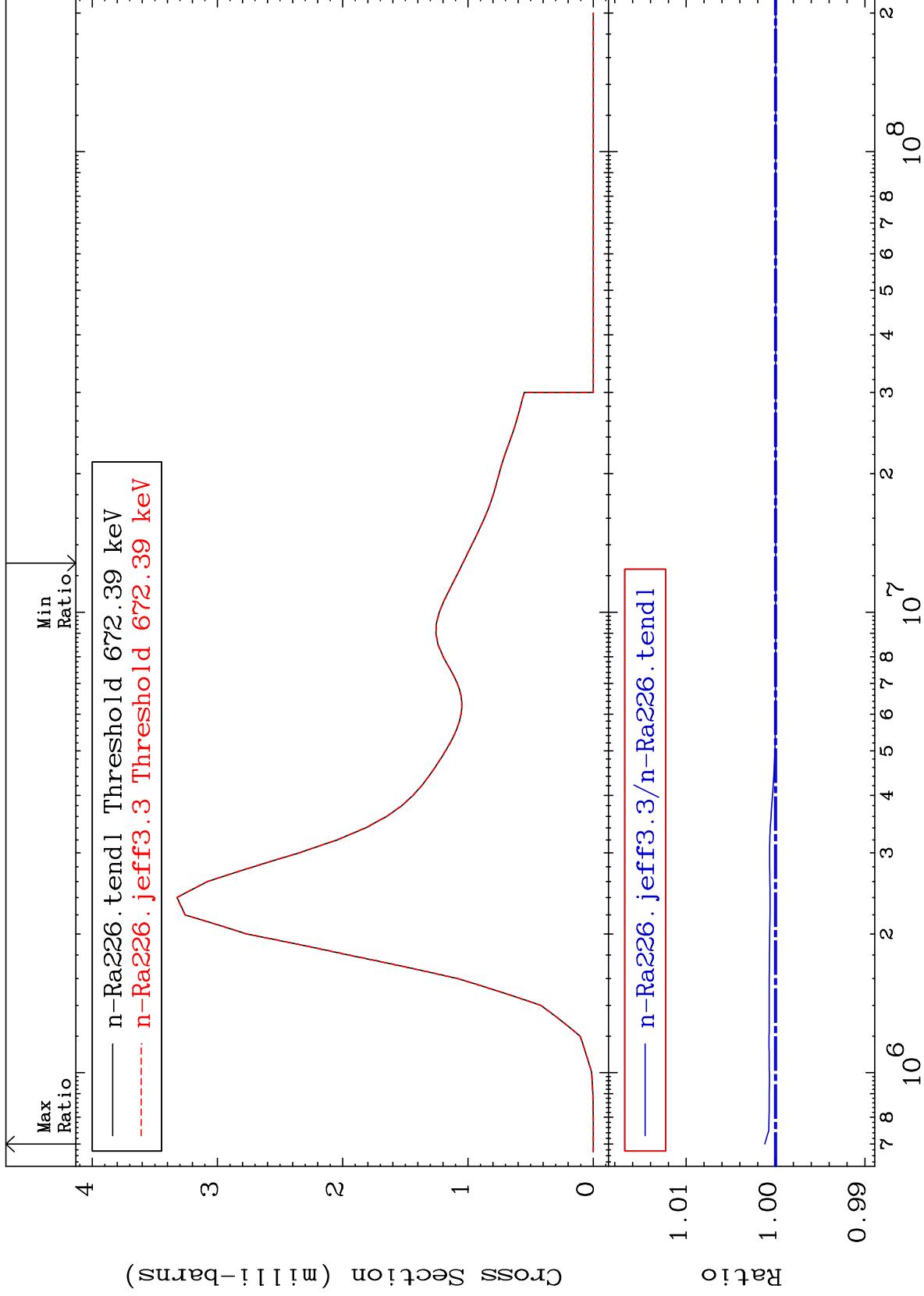
88-Ra-226
0.000 To 0.395 %



MAT 8834

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

88-Ra-226
0.000 To 0.121 %



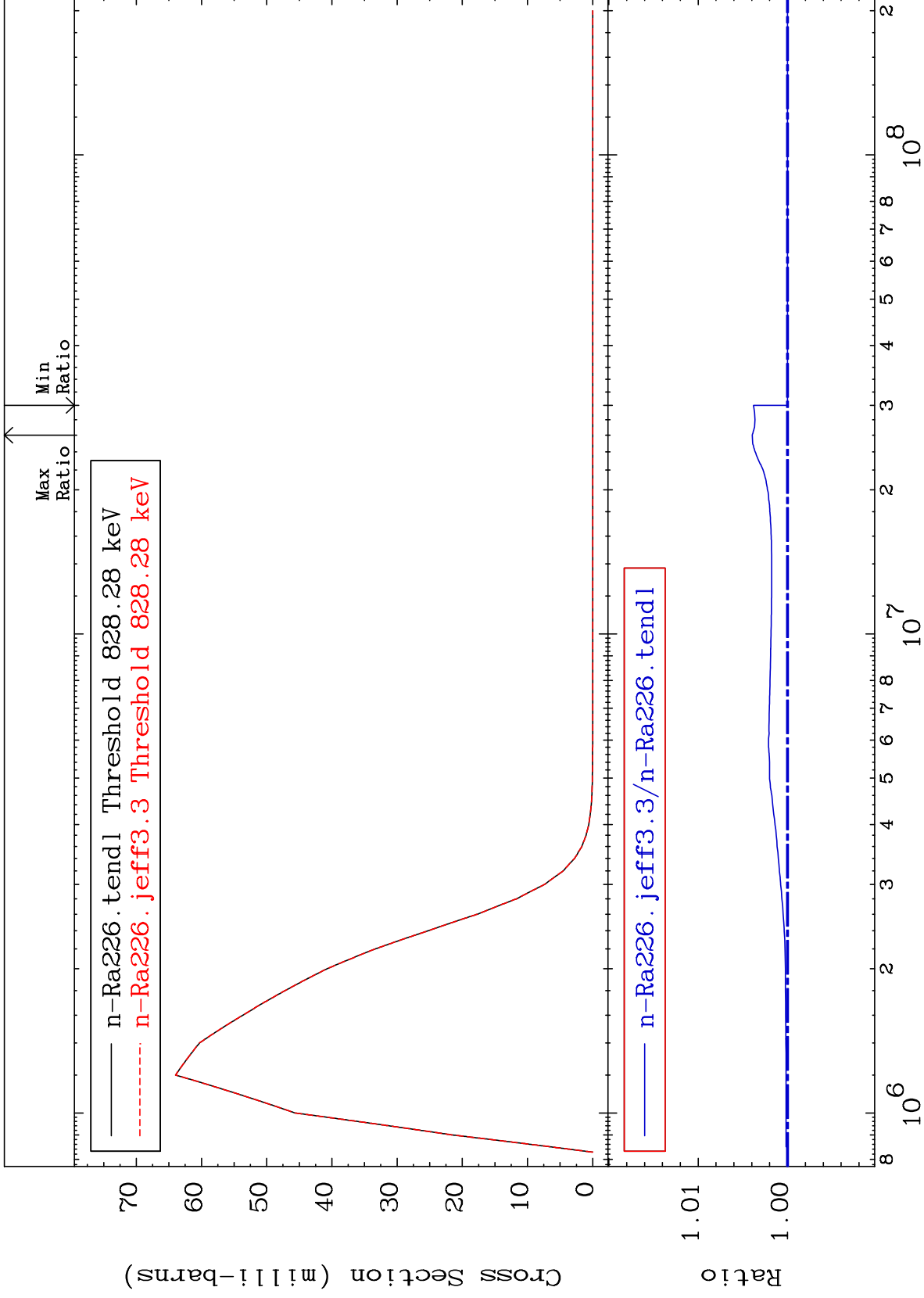
33

88-Ra-226

MAT 8834

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

88-Ra-226
0.000 To 0.395 %



34

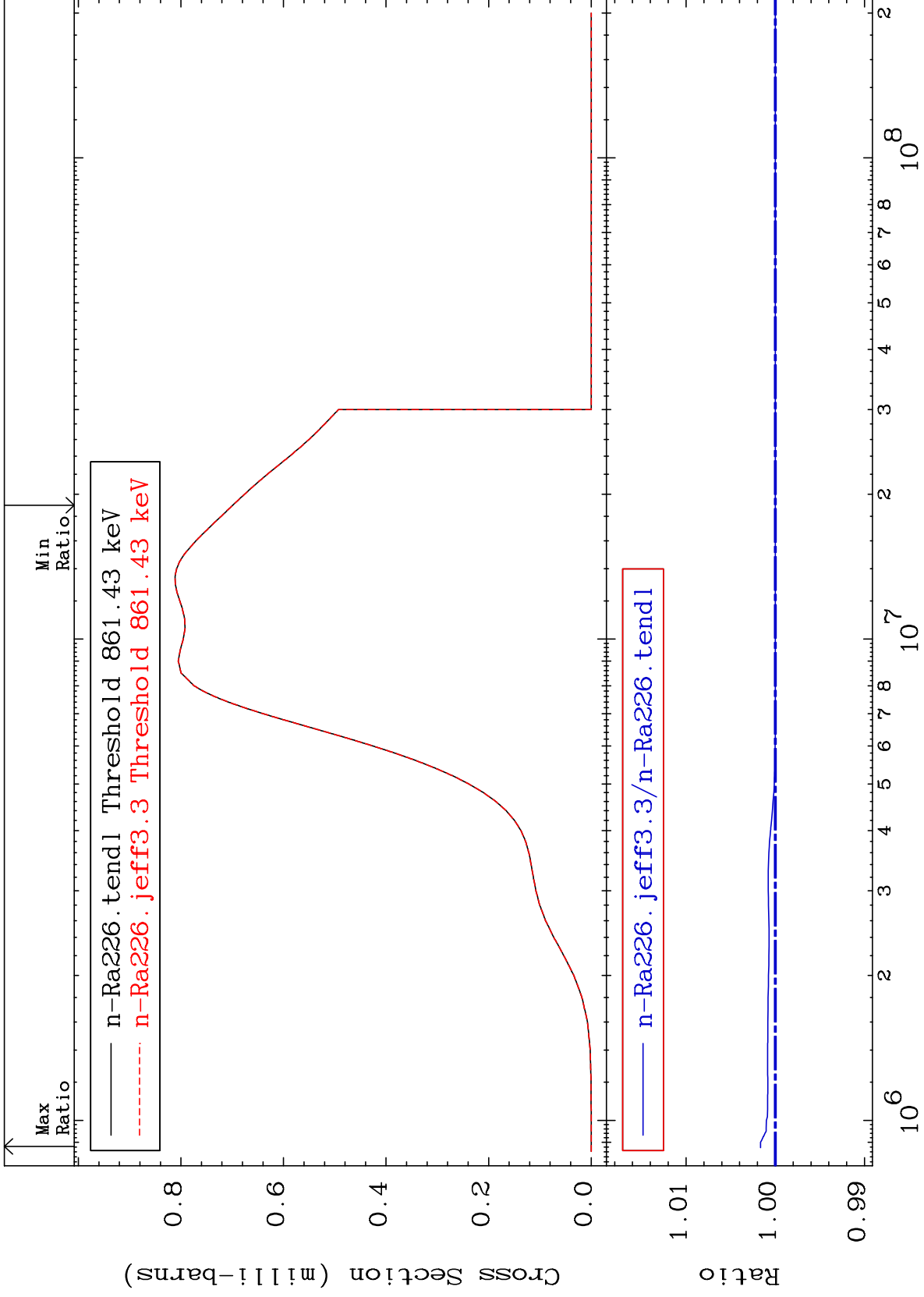
Incident Energy (eV)

88-Ra-226

MAT 8834

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

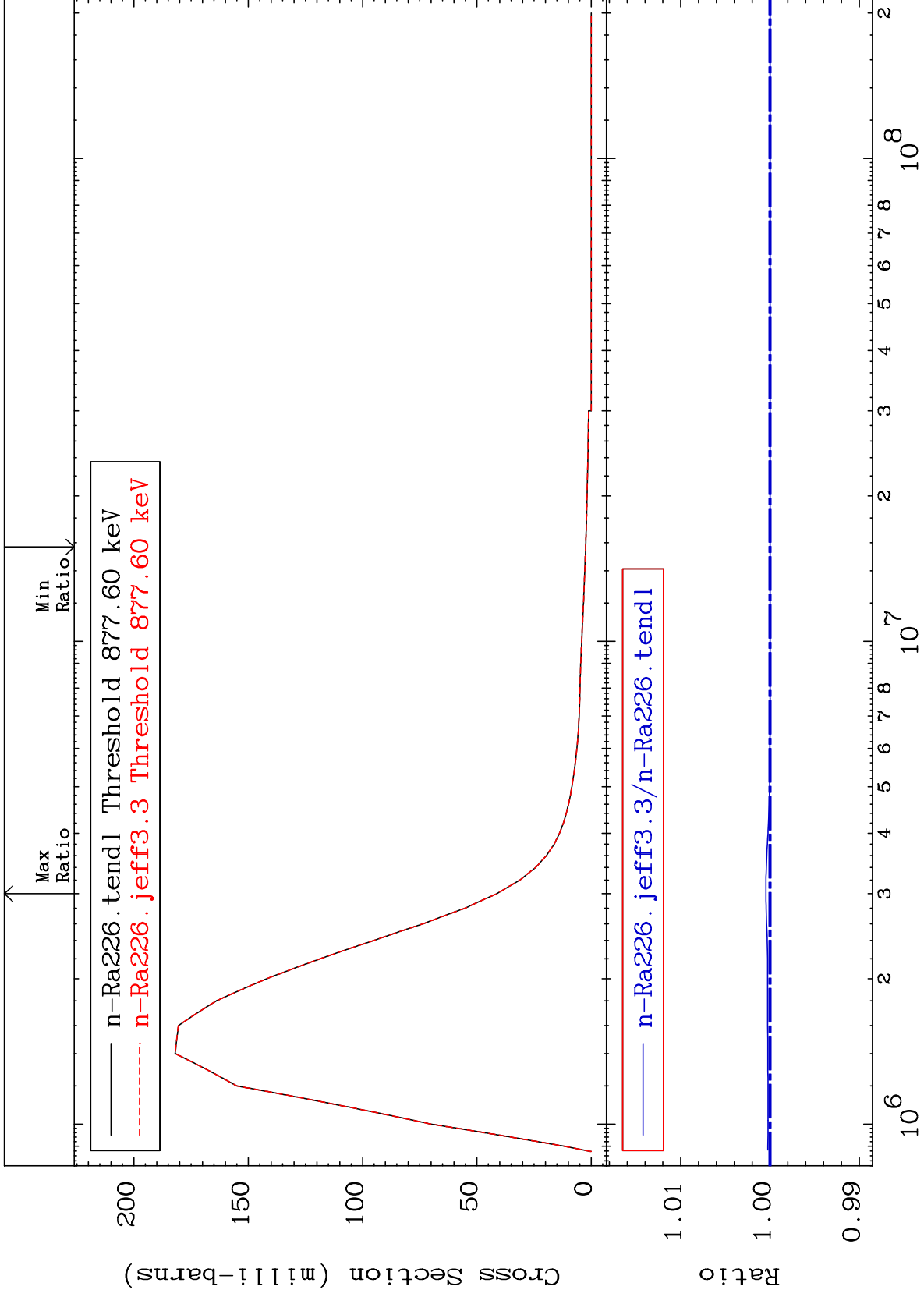
88-Ra-226
To 0.165 %



MAT 8834

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

88-Ra-226
To 0.046 %



36

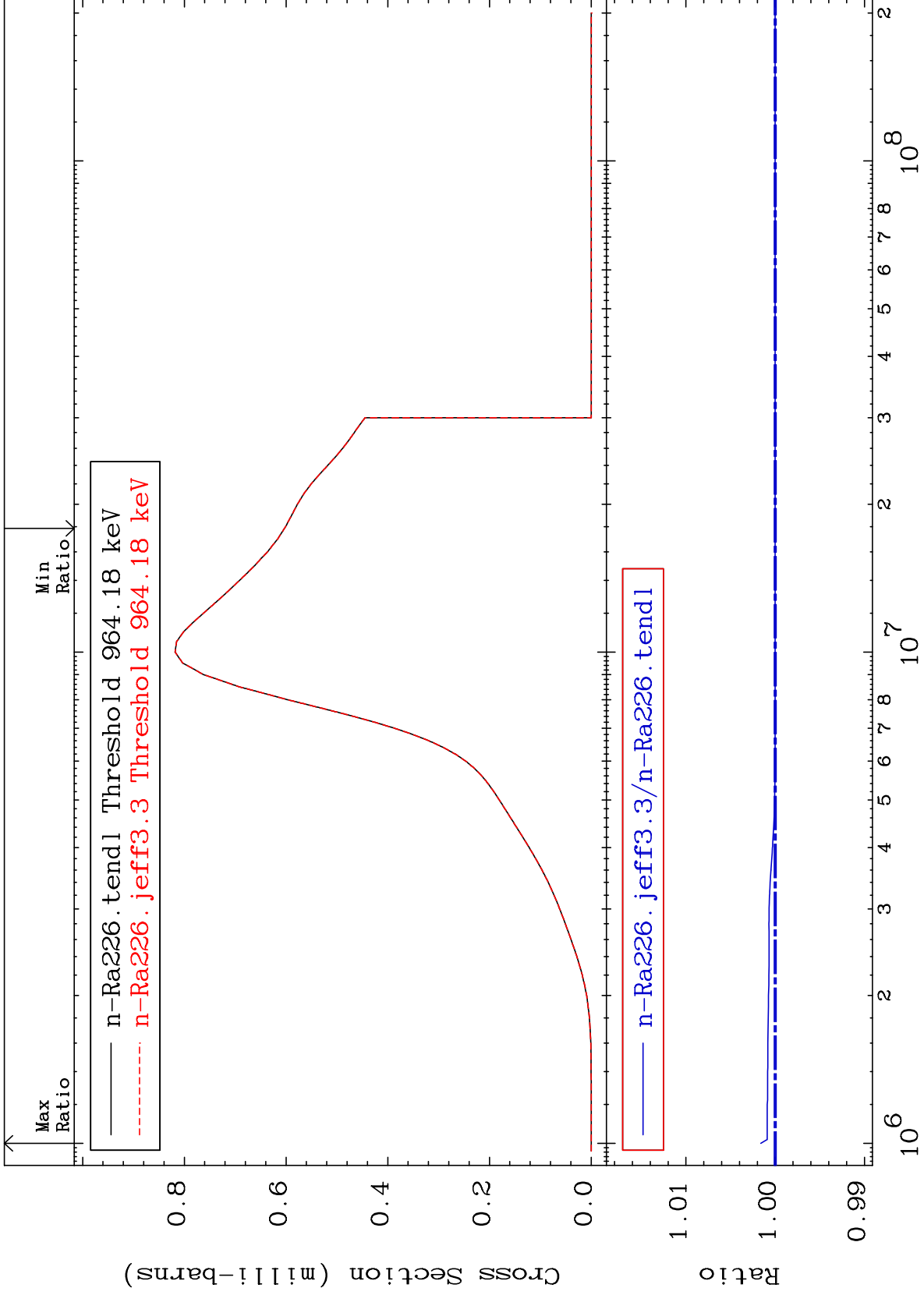
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226
To 0.163 %



37

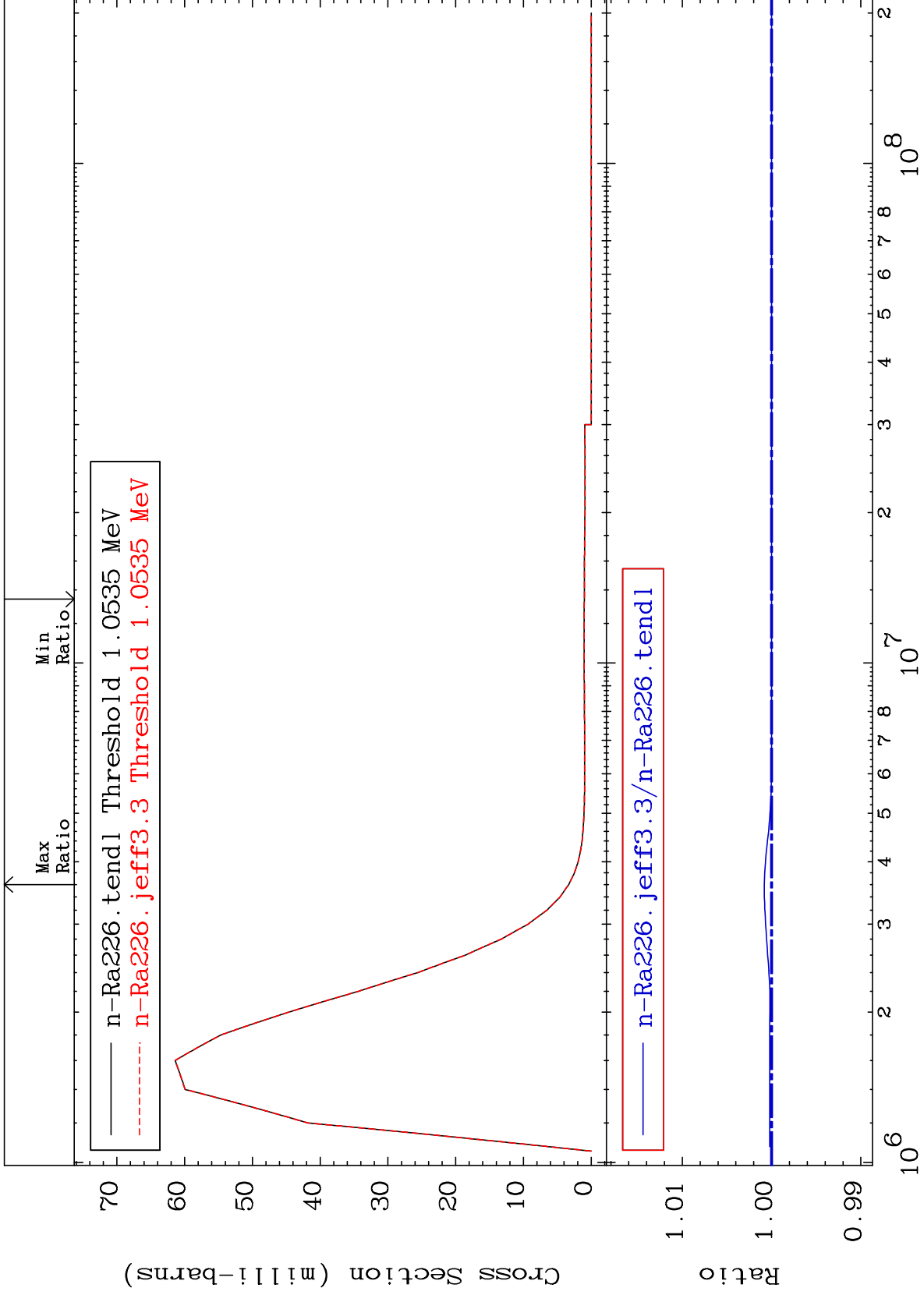
Incident Energy (eV)

88-Ra-226

MAT 8834

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

88-Ra-226
To 0.082 %



38

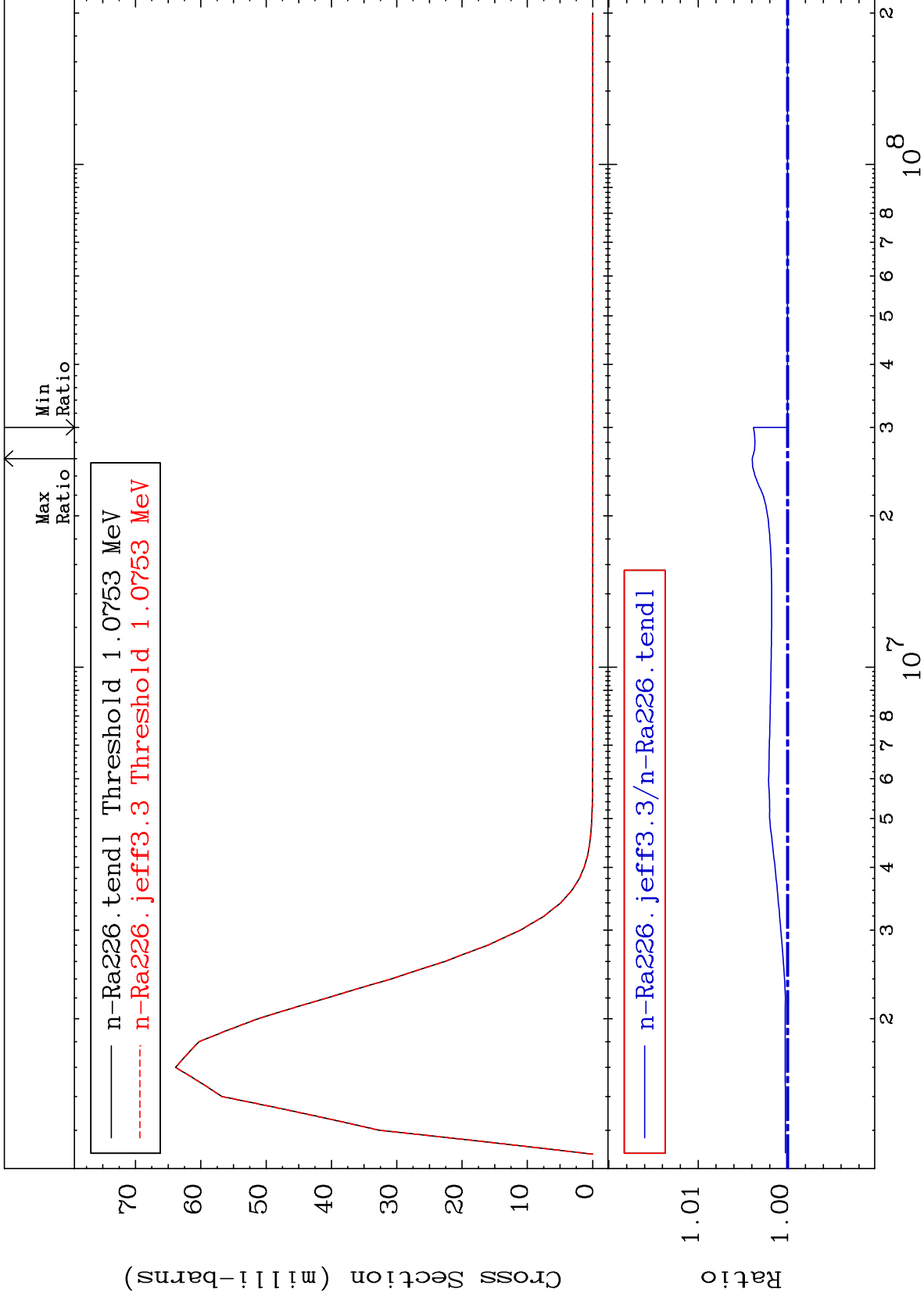
88-Ra-226

88-Ra-226

MAT 8834

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

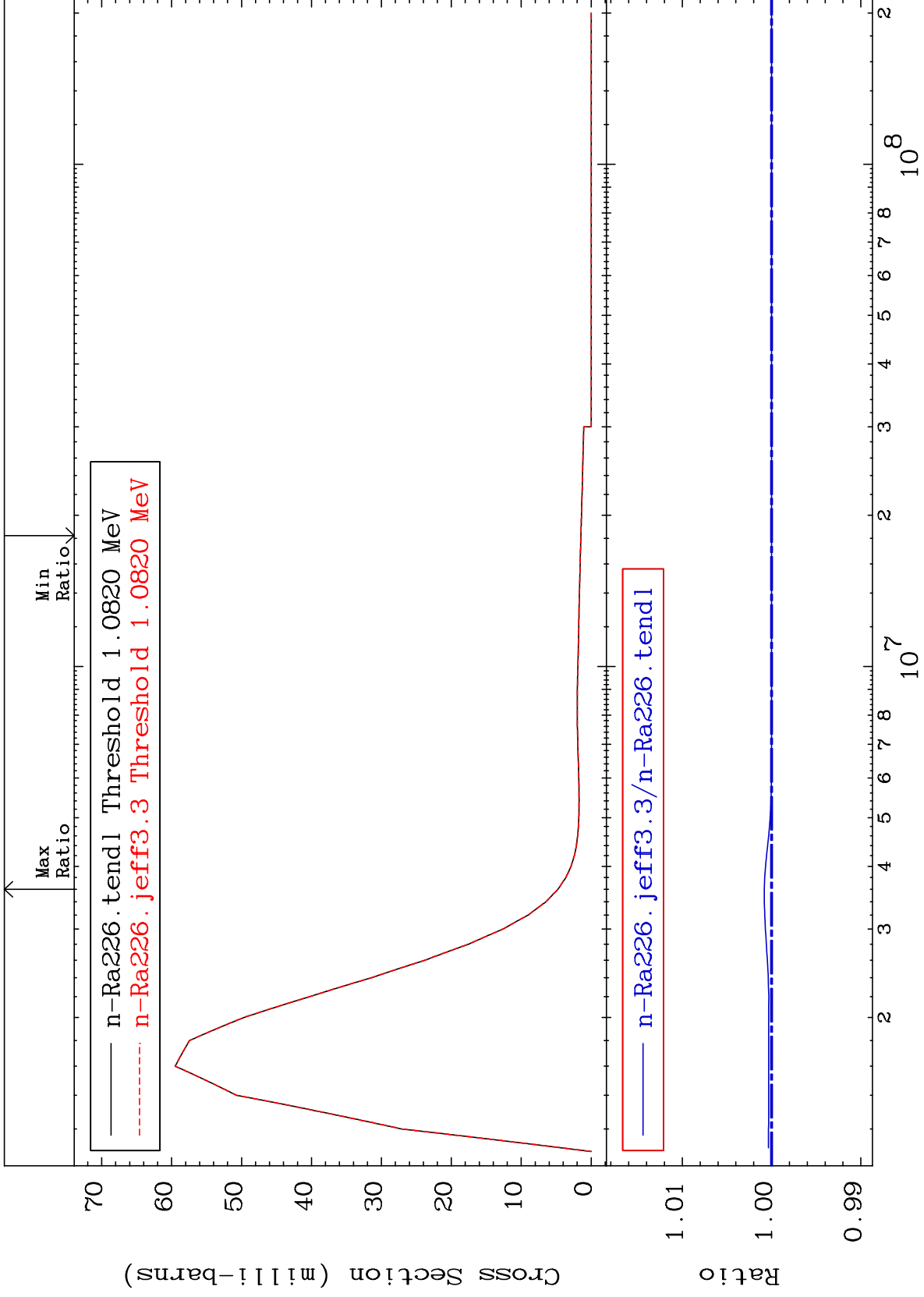
88-Ra-226
0.000 To 0.395 %



MAT 8834

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

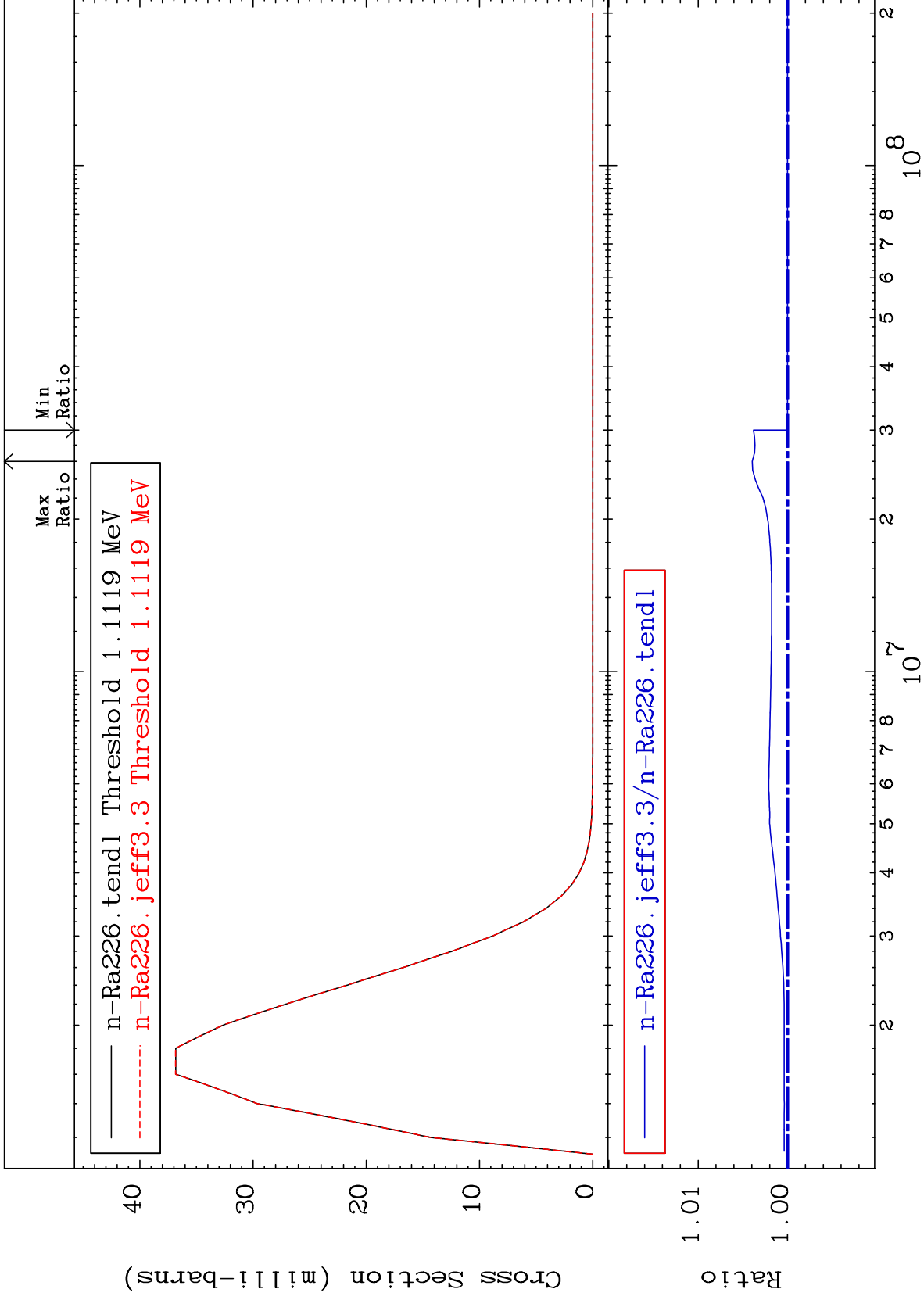
88-Ra-226
To 0.081 %



MAT 8834

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

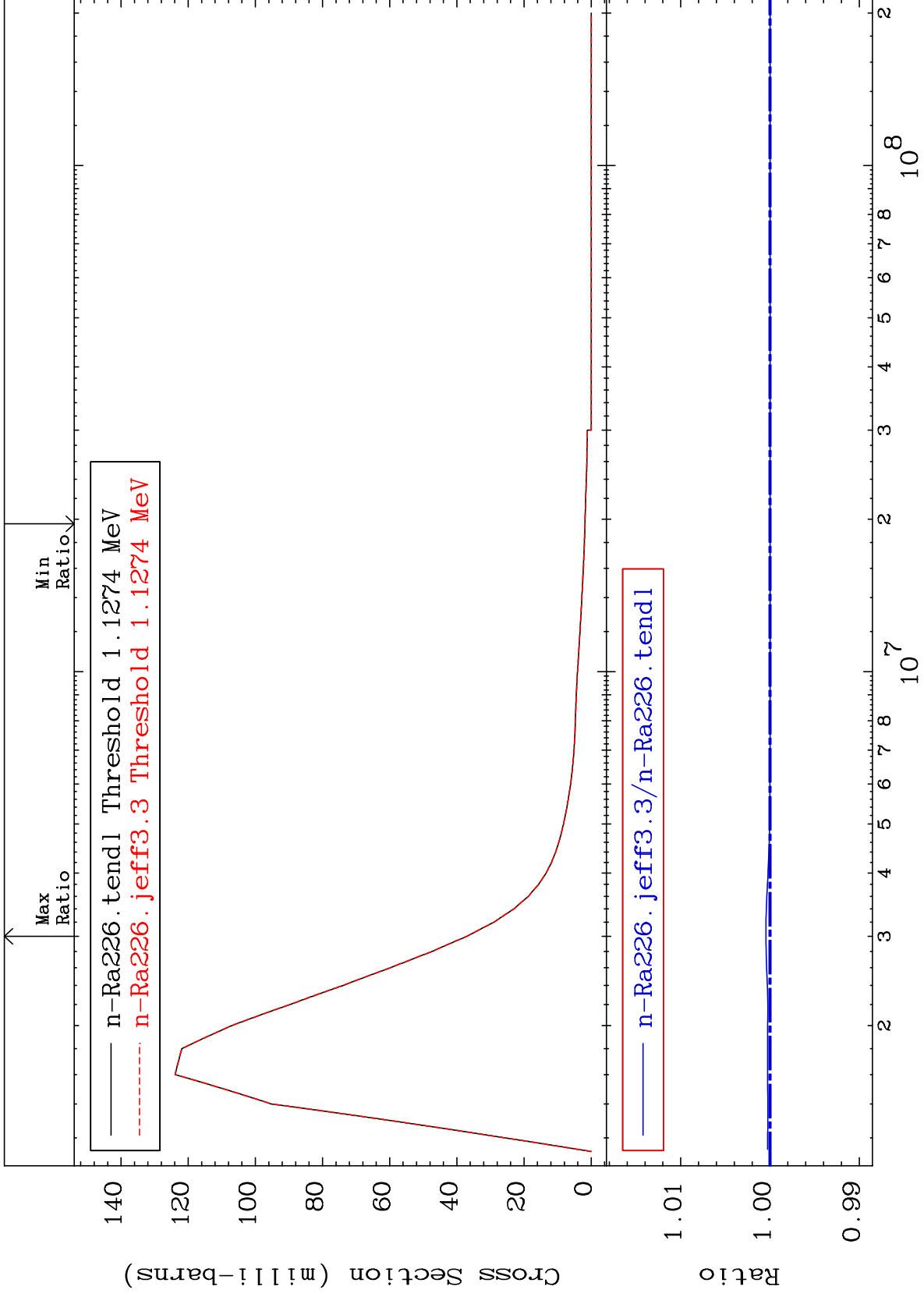
88-Ra-226
0.000 To 0.395 %



MAT 8834

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

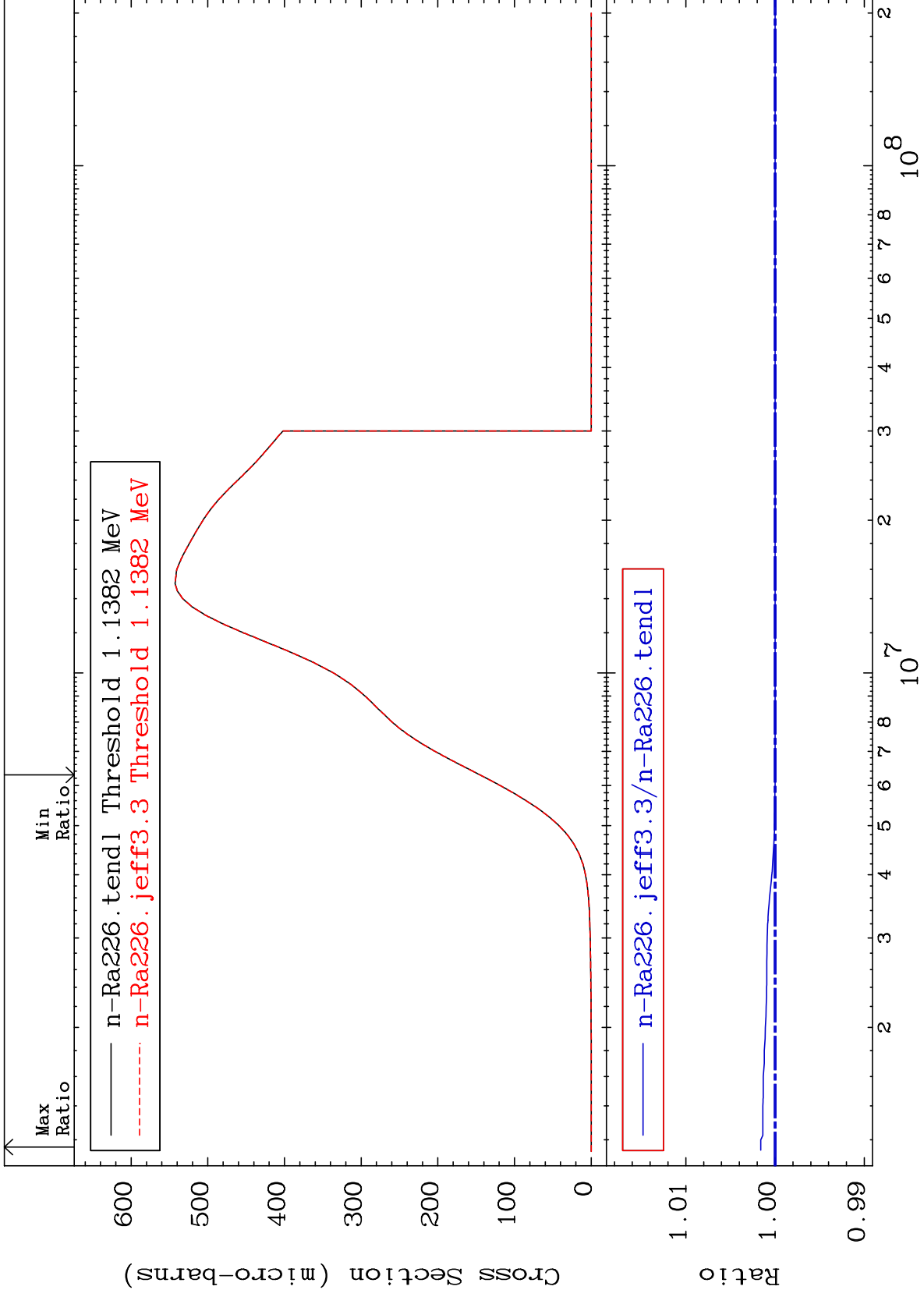
88-Ra-226
0.000 To 0.046 %



MAT 8834

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

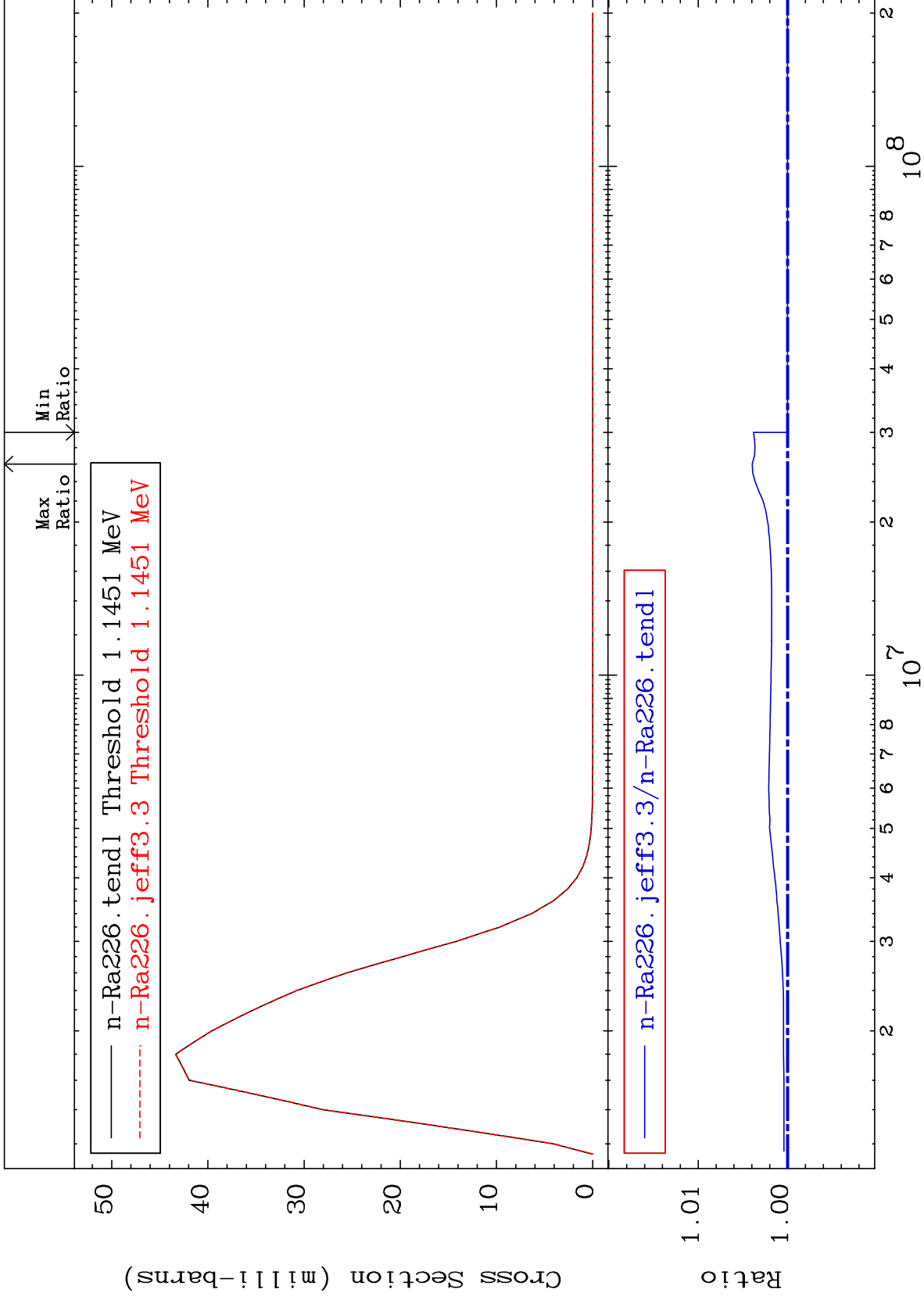
88-Ra-226
To 0.160 %



MAT 8834

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

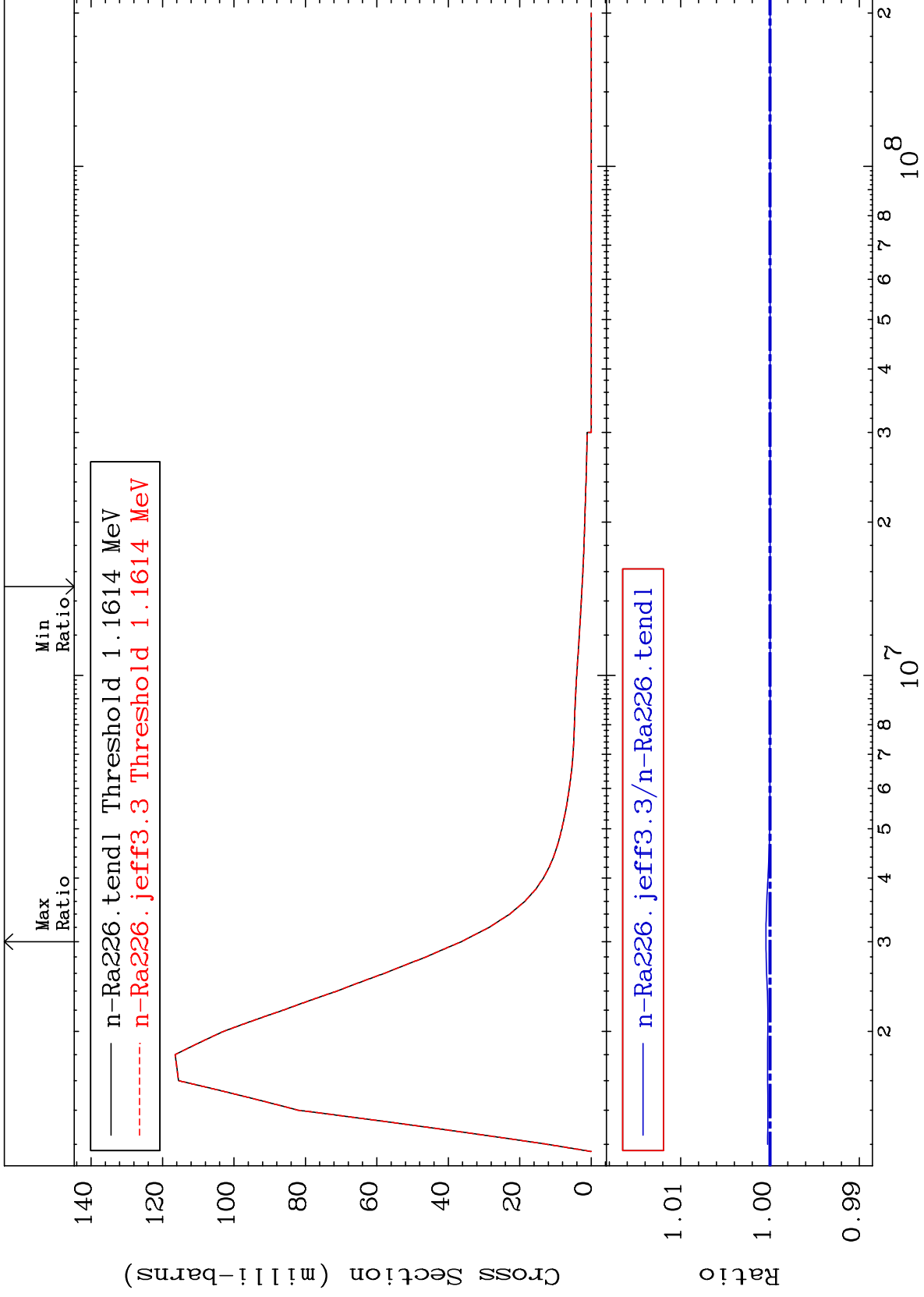
88-Ra-226
To 0.396 %



MAT 8834

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

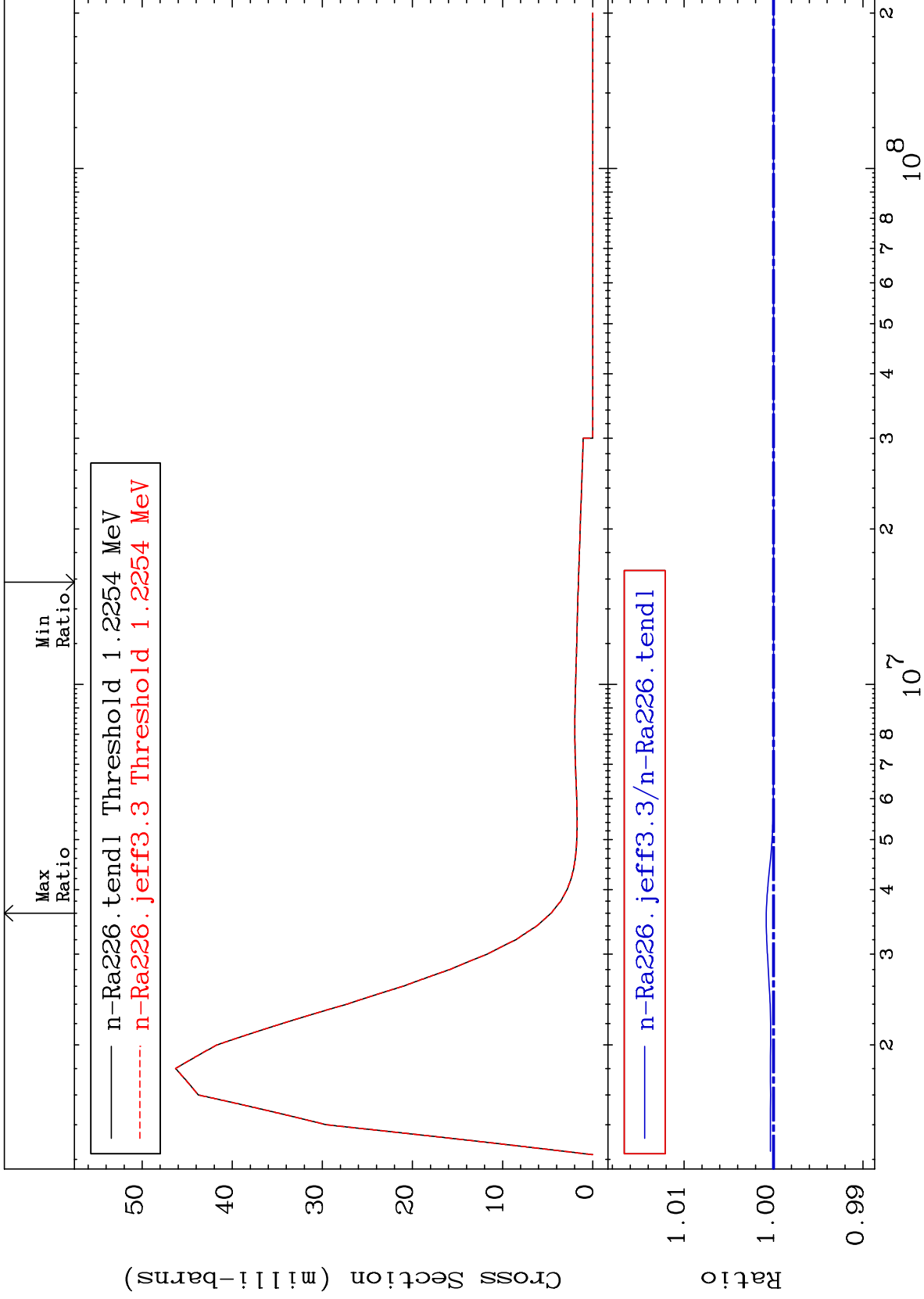
88-Ra-226
To 0.046 %



MAT 8834

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

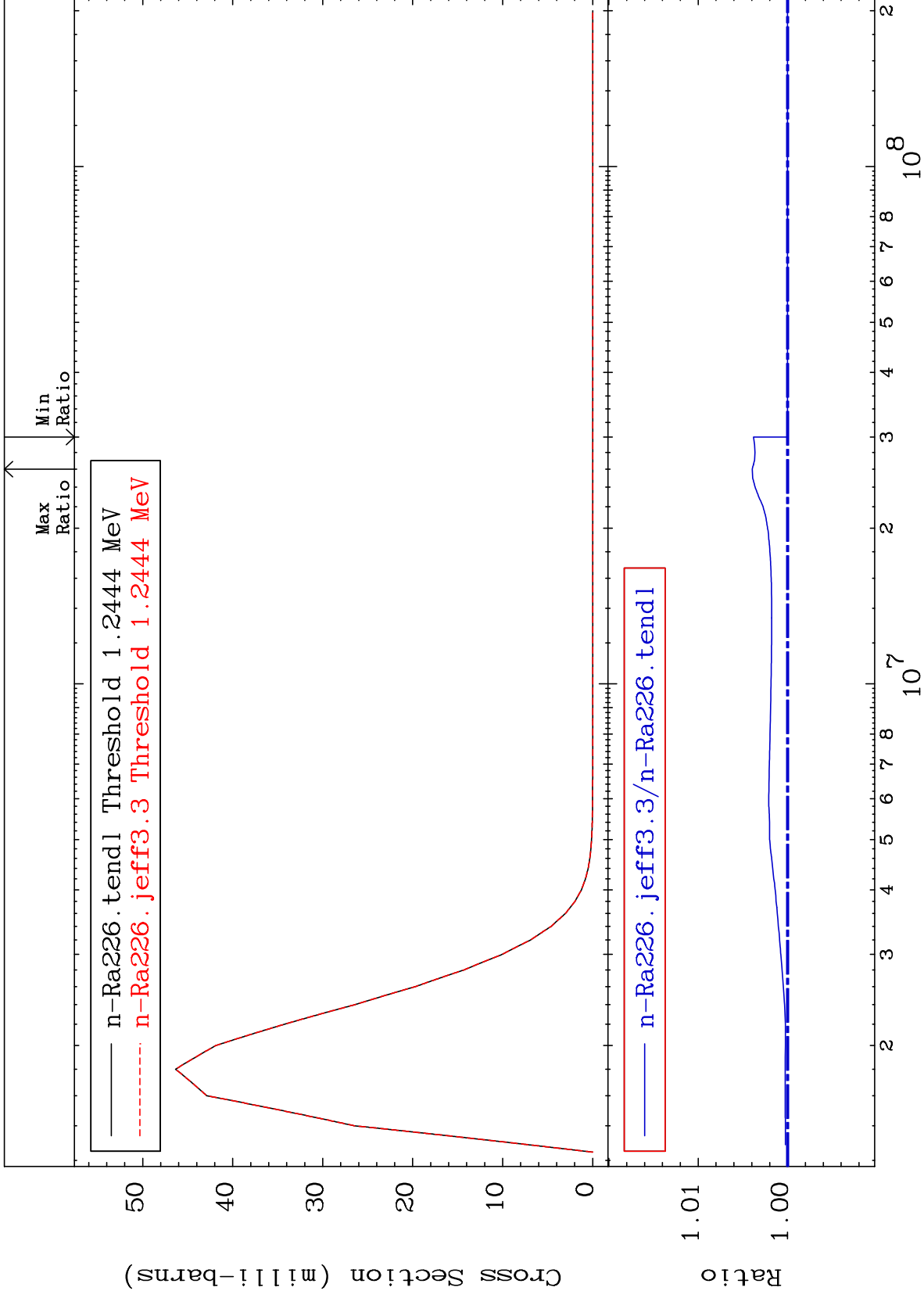
88-Ra-226
0.000 To 0.081 %



MAT 8834

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

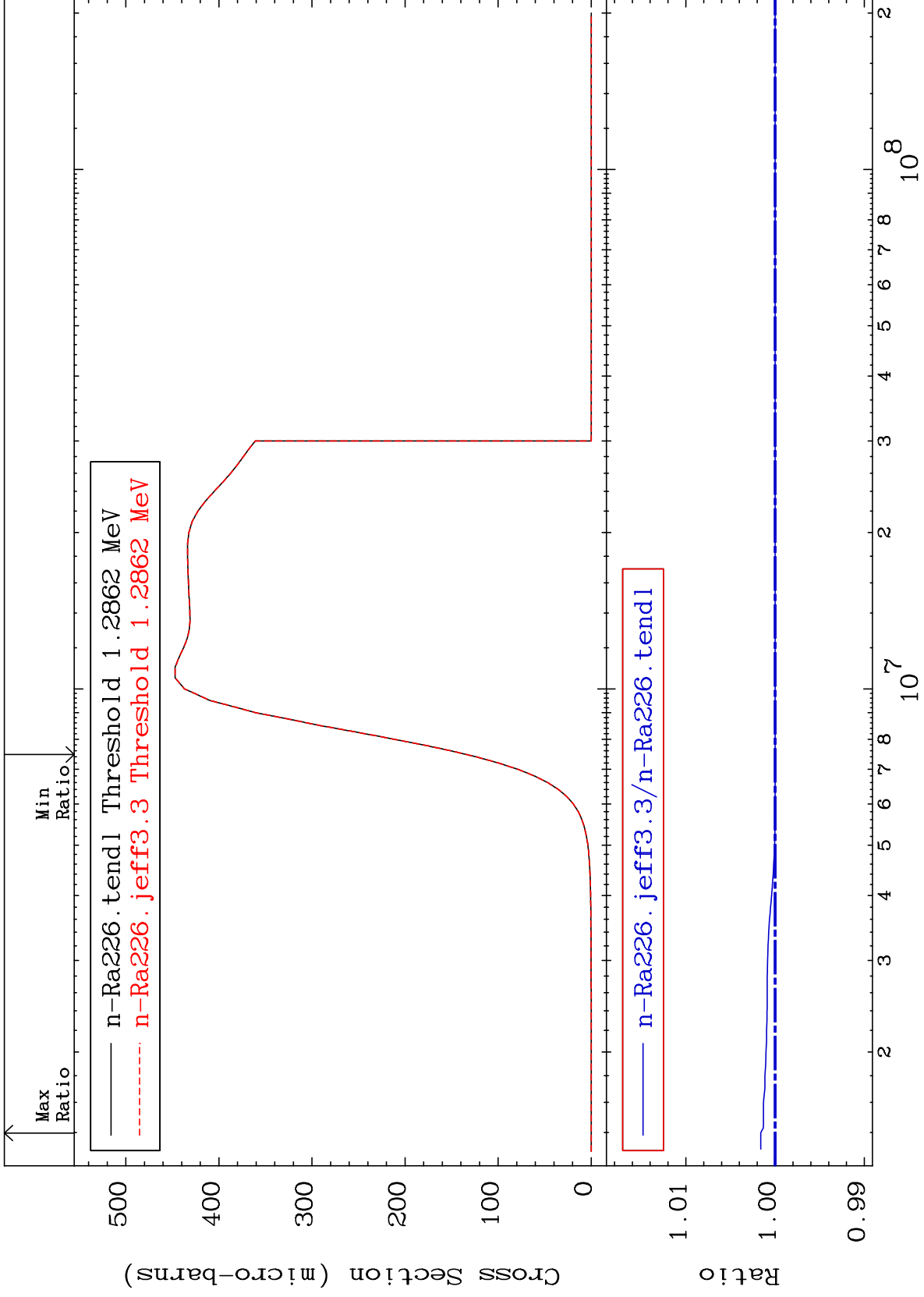
88-Ra-226
To 0.395 %



MAT 8834

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

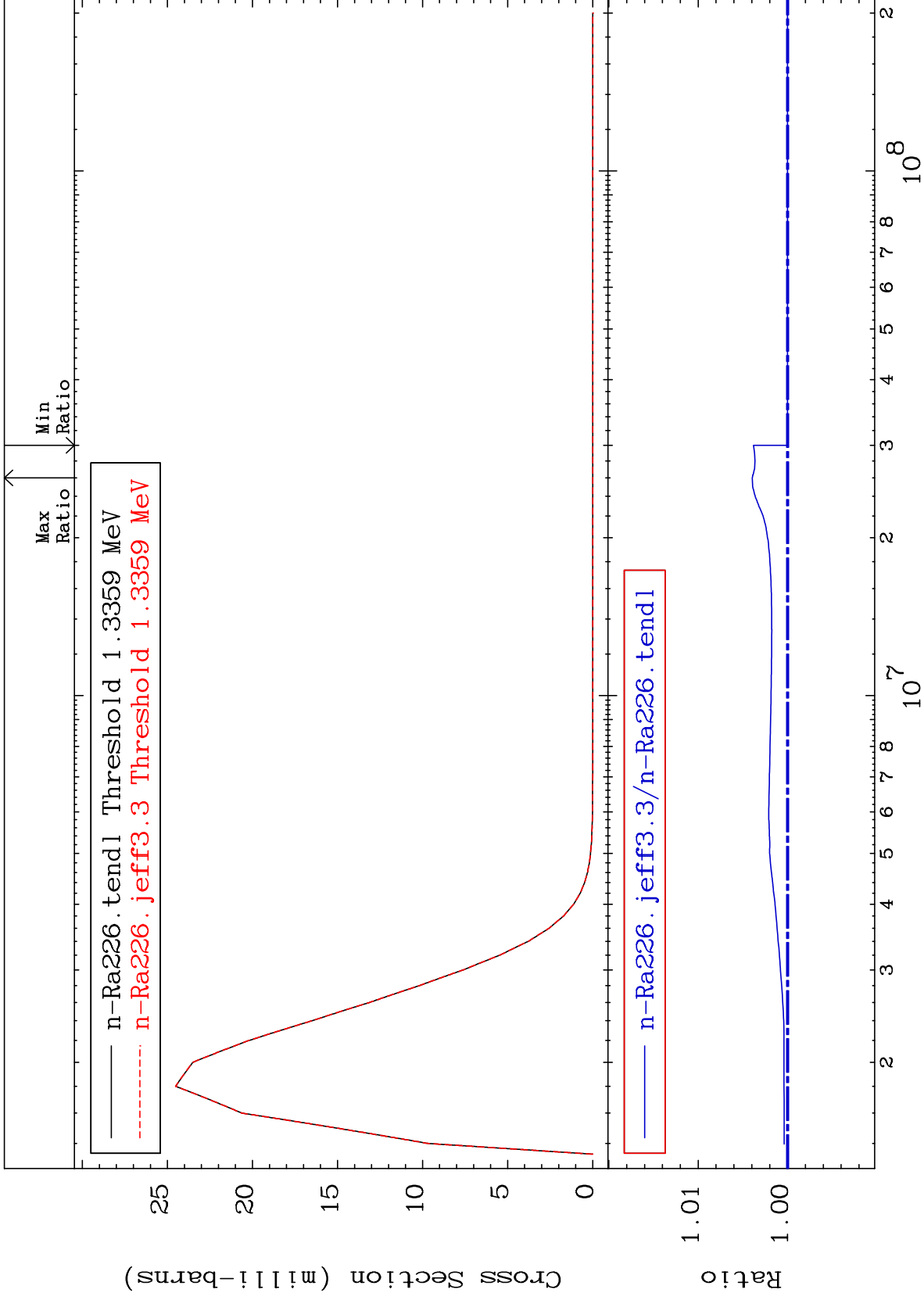
88-Ra-226
To 0.161 %



MAT 8834

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

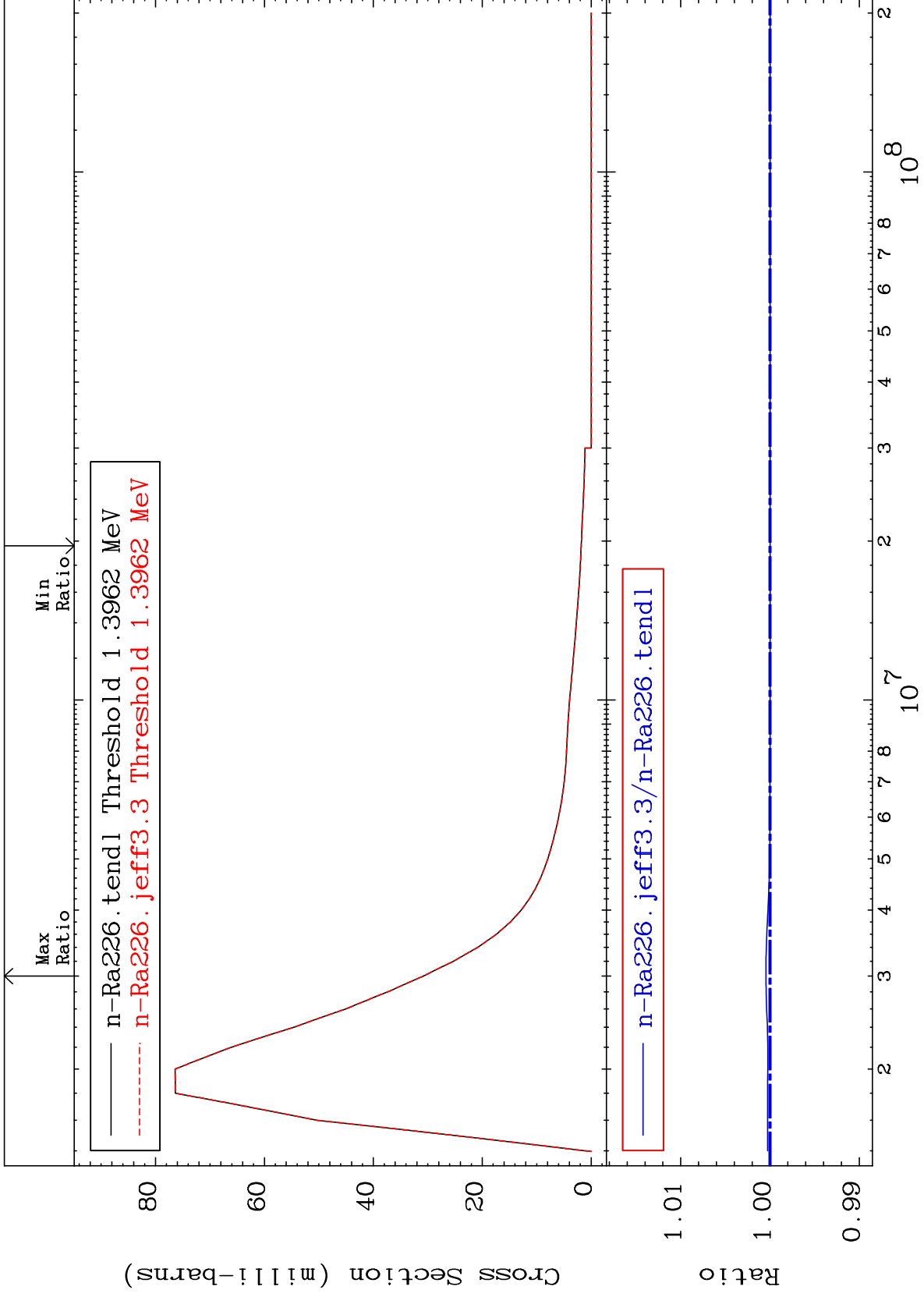
88-Ra-226
To 0.395 %



MAT 8834

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

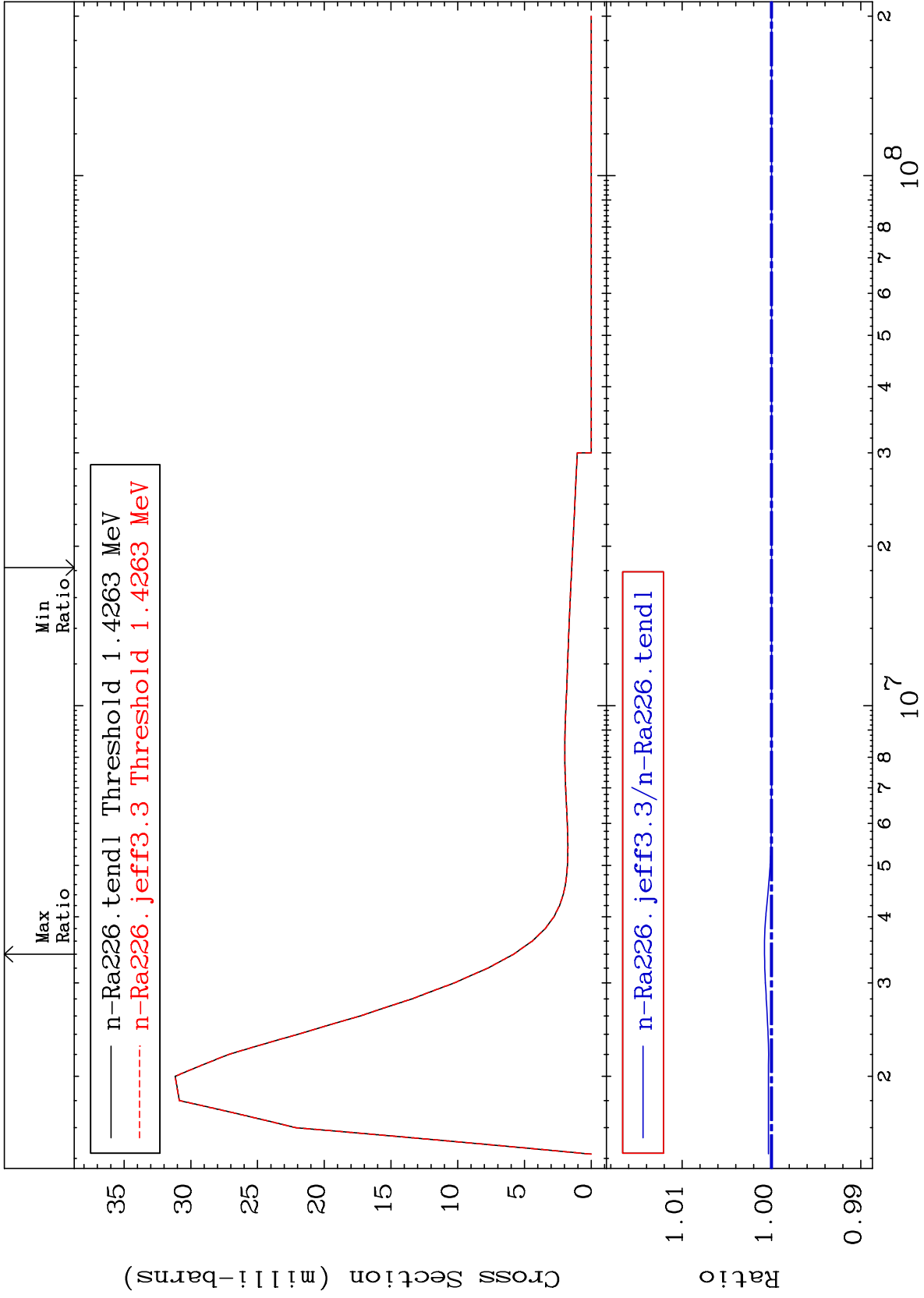
88-Ra-226
To 0.046 %



MAT 8834

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

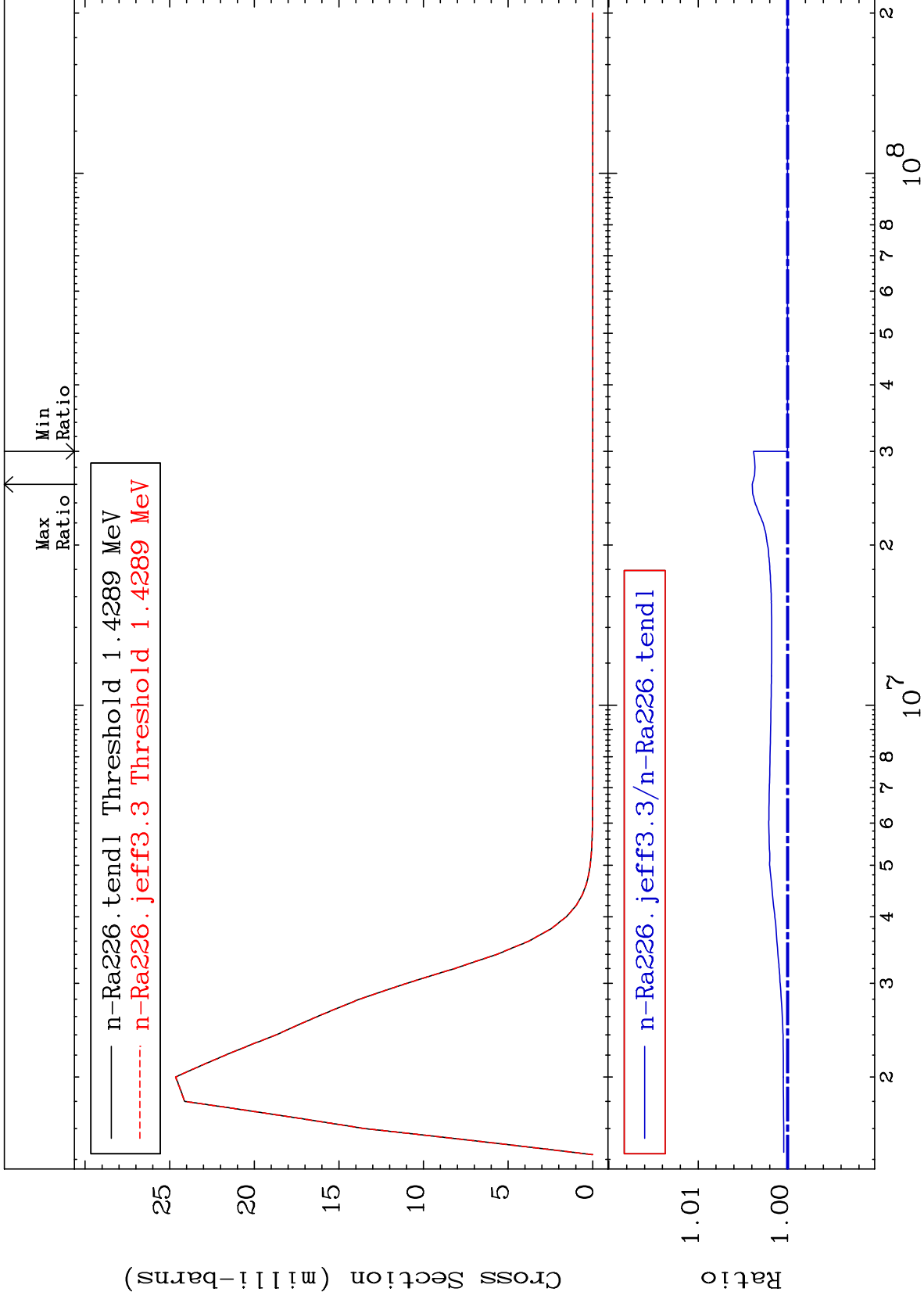
88-Ra-226
To 0.079 %



MAT 8834

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

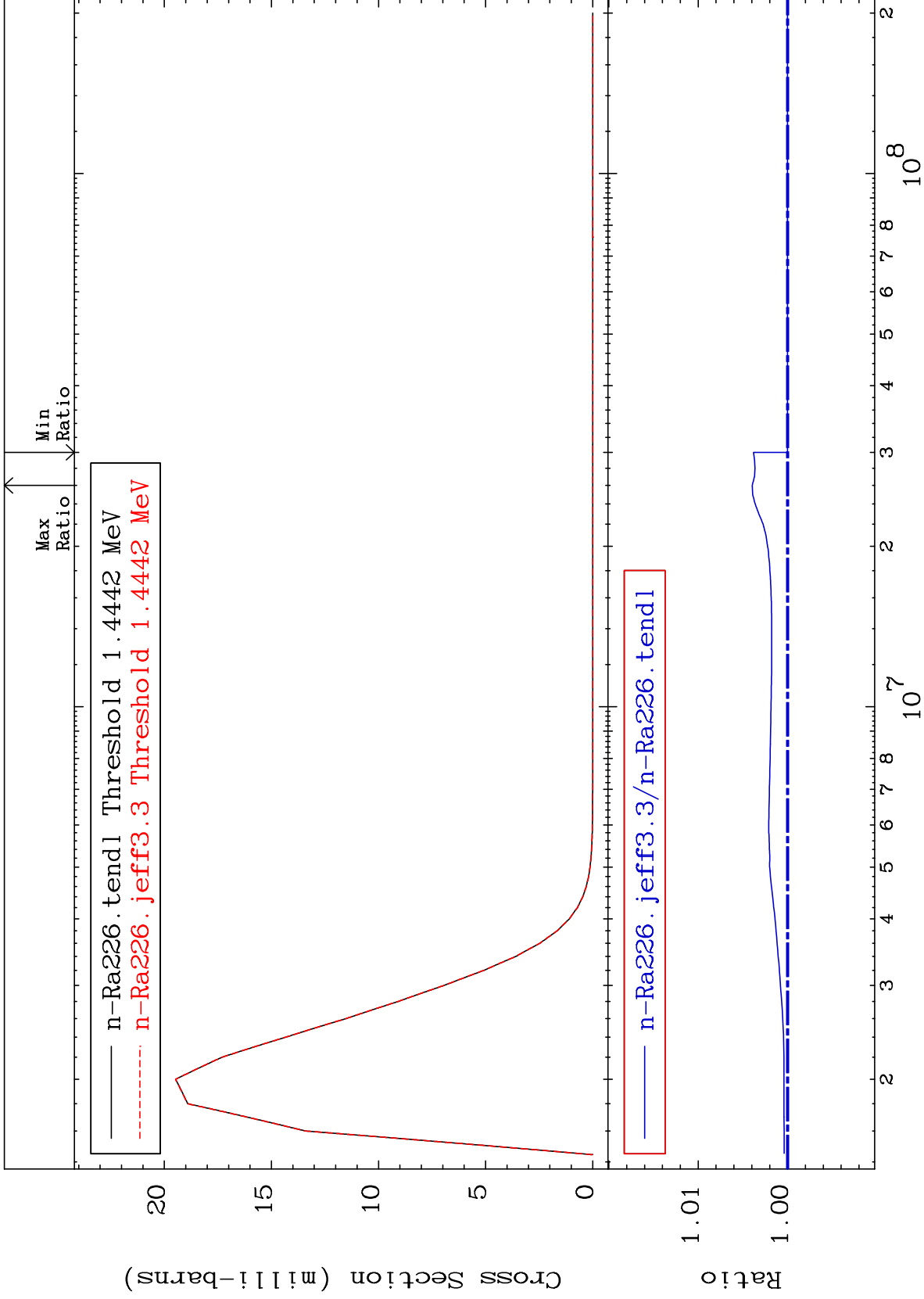
88-Ra-226
To 0.395 %

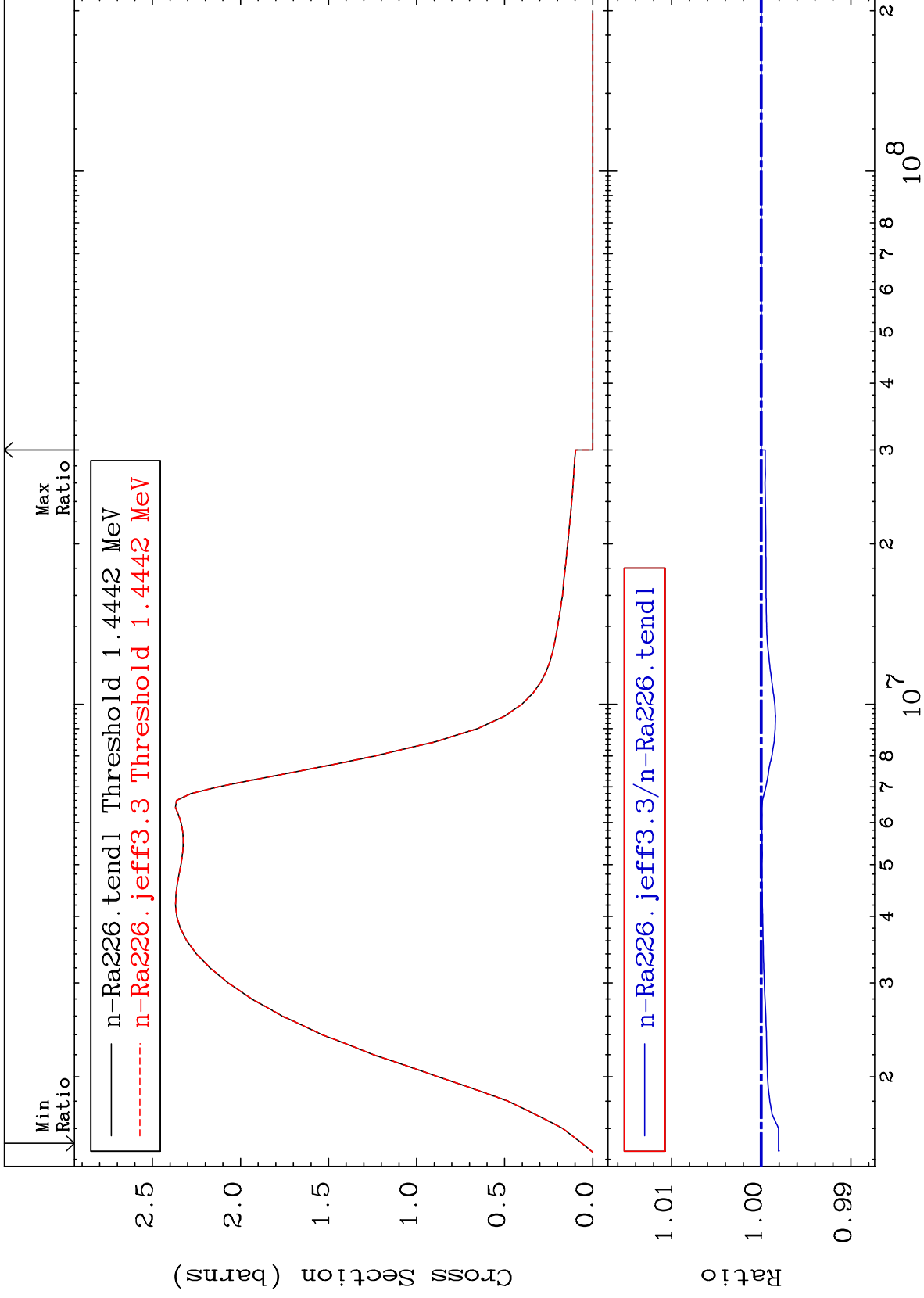


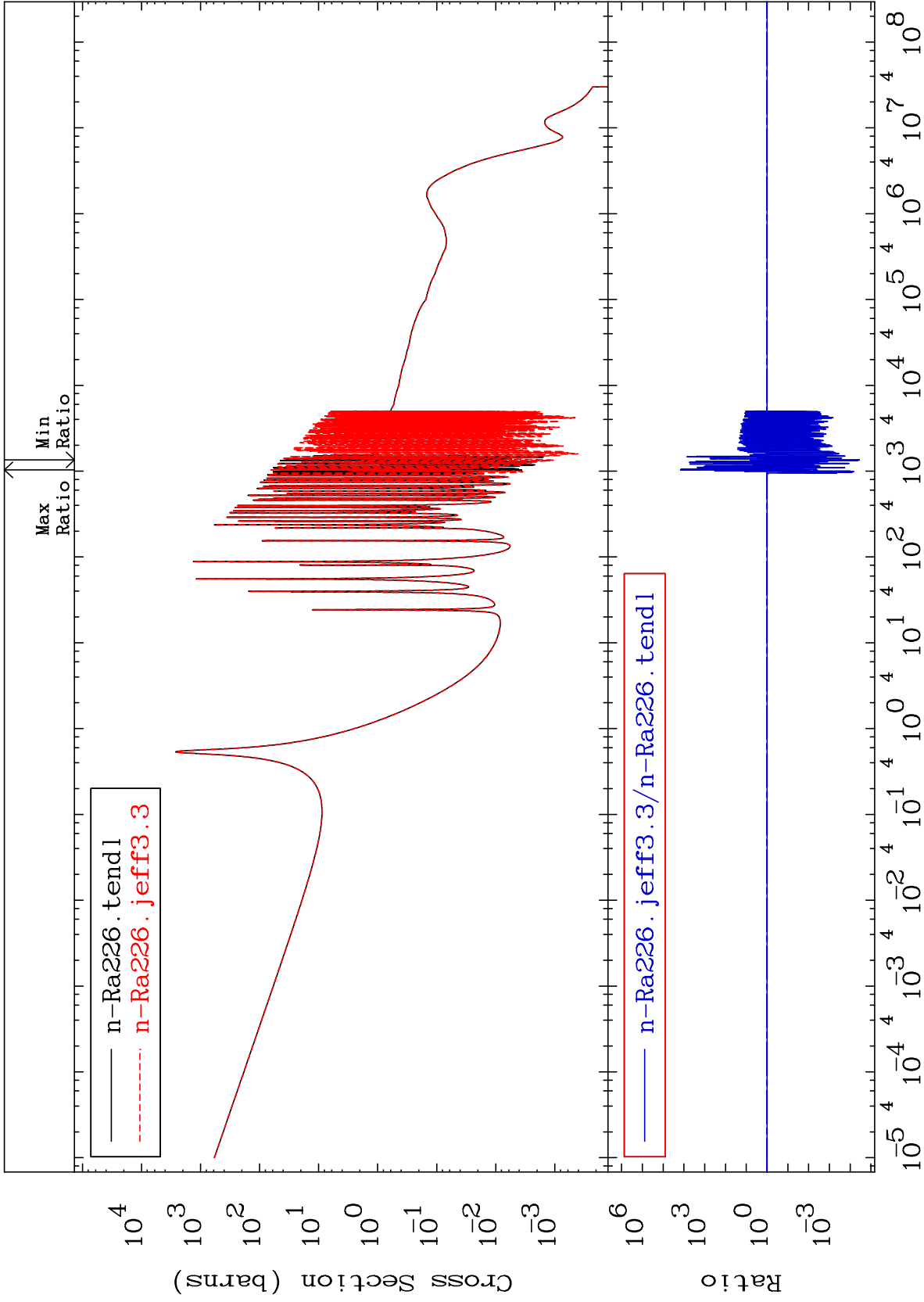
MAT 8834

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

88-Ra-226
To 0.395 %

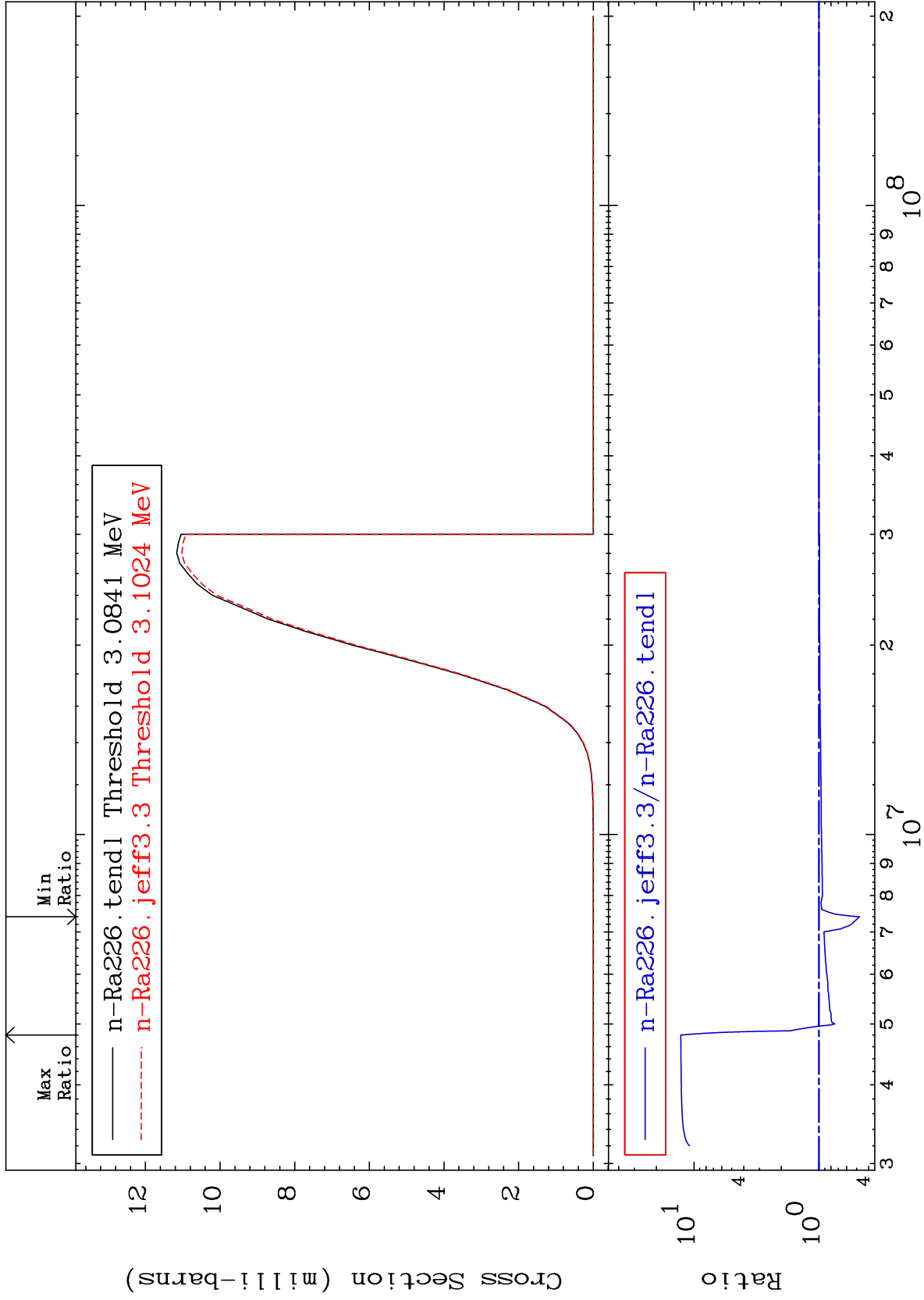






Cross Section

-52.64 To 1176. %



MAT 8834

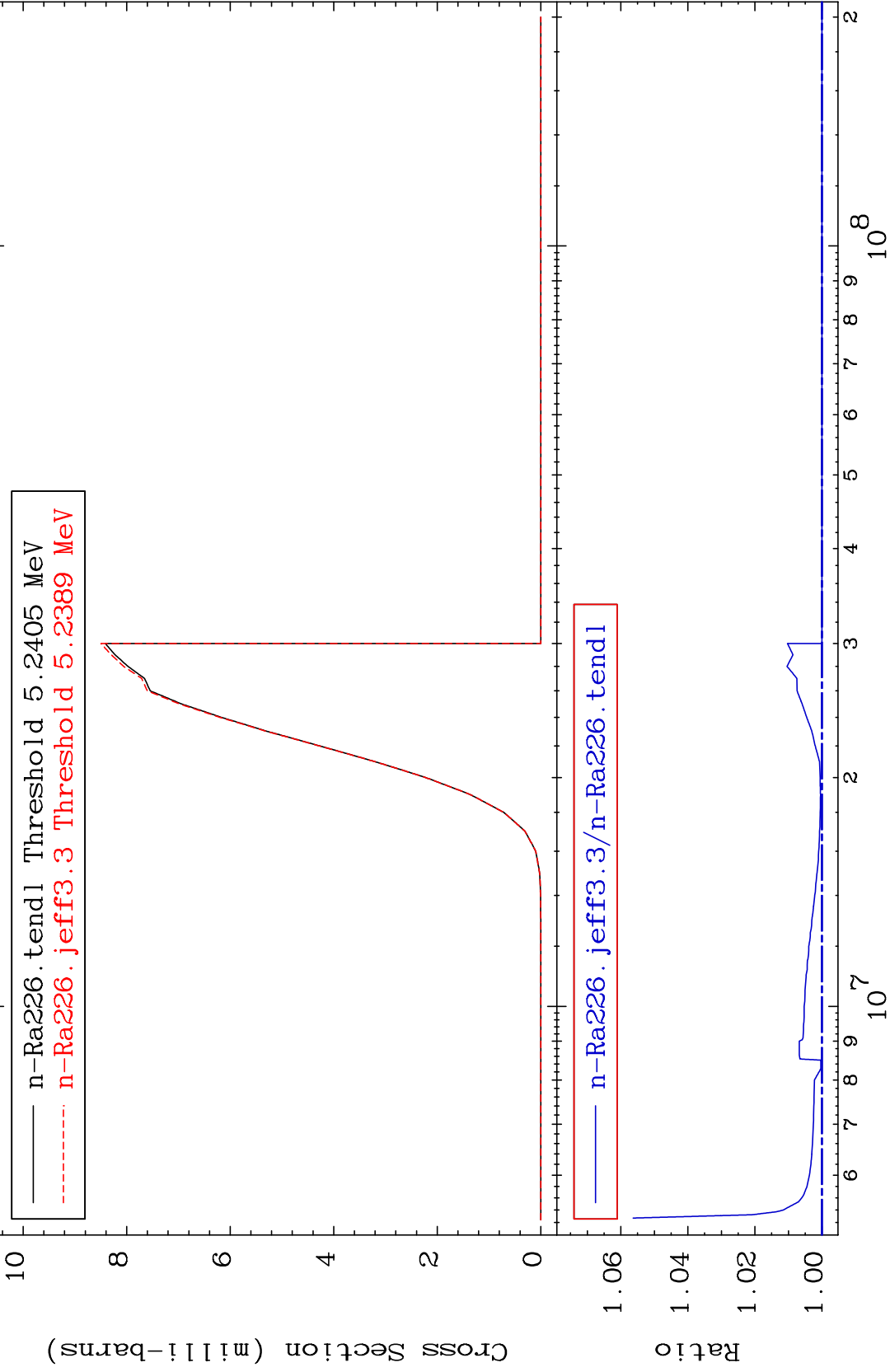
(n, d)

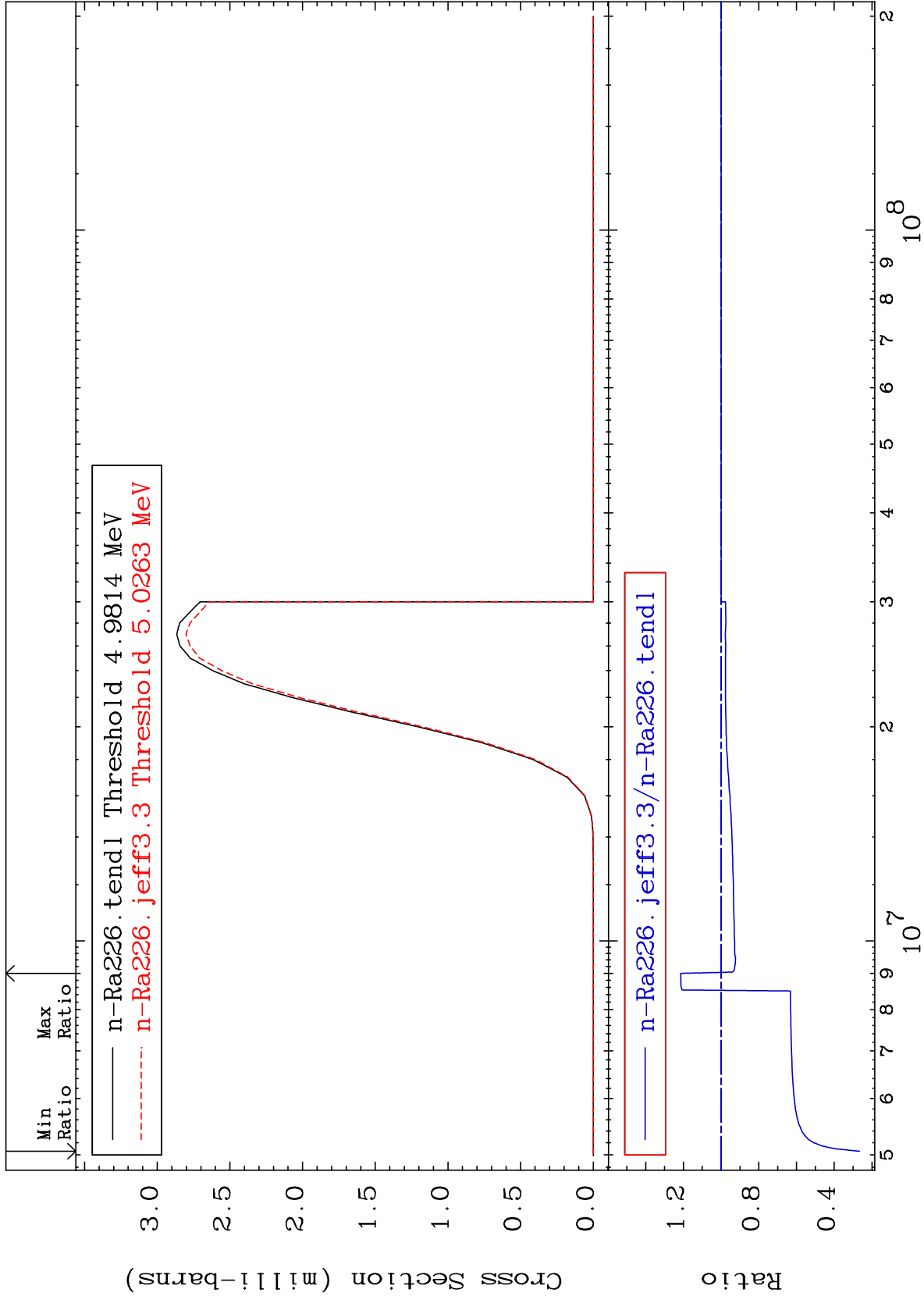
88-Ra-226
0.000 To 5.632 %

Cross Section

Max Ratio

Min Ratio



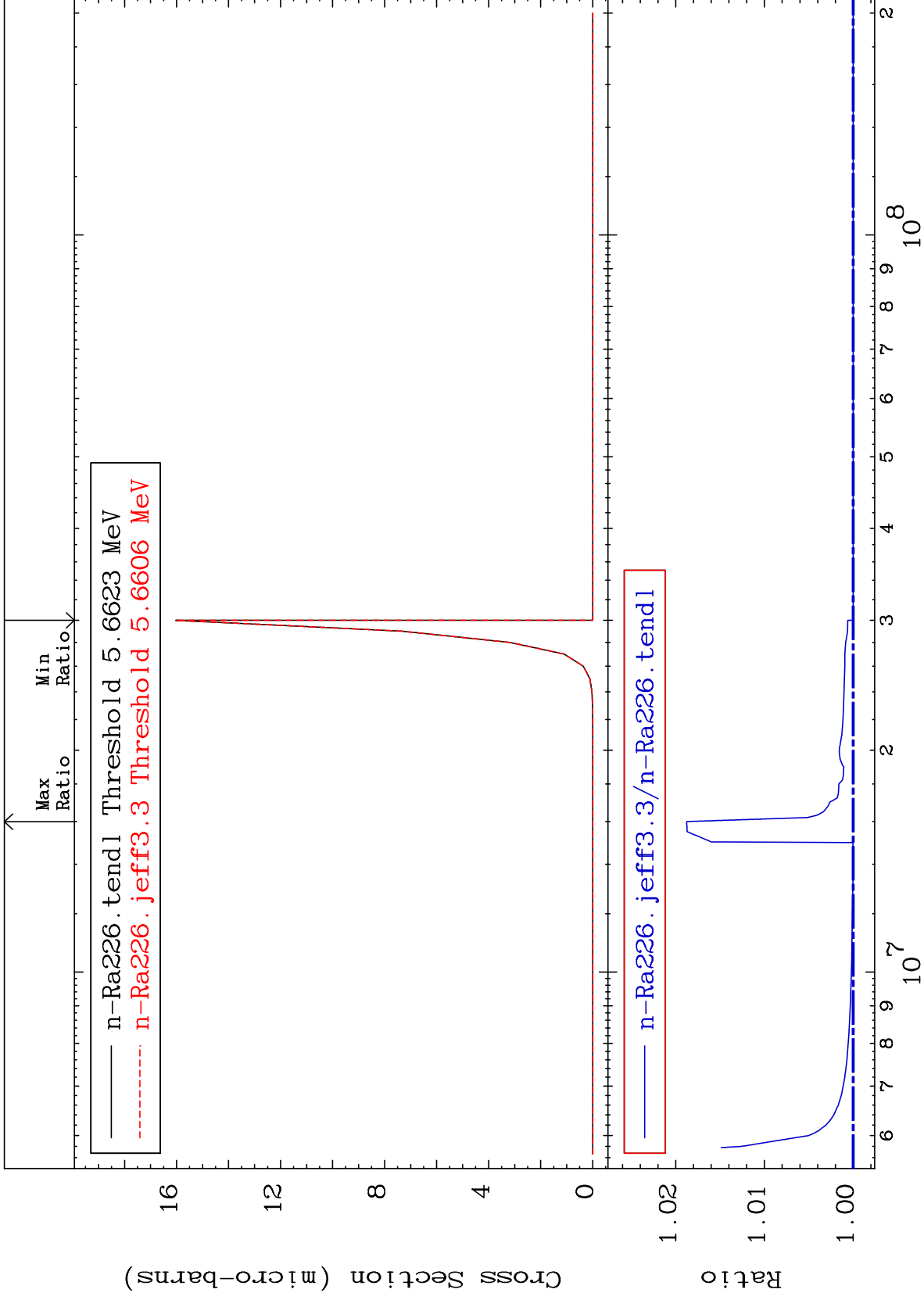


MAT 8834

(n, He-3)

88-Ra-226
To 1.877 %
0.000

Cross Section



59

88-Ra-226

88-Ra-226

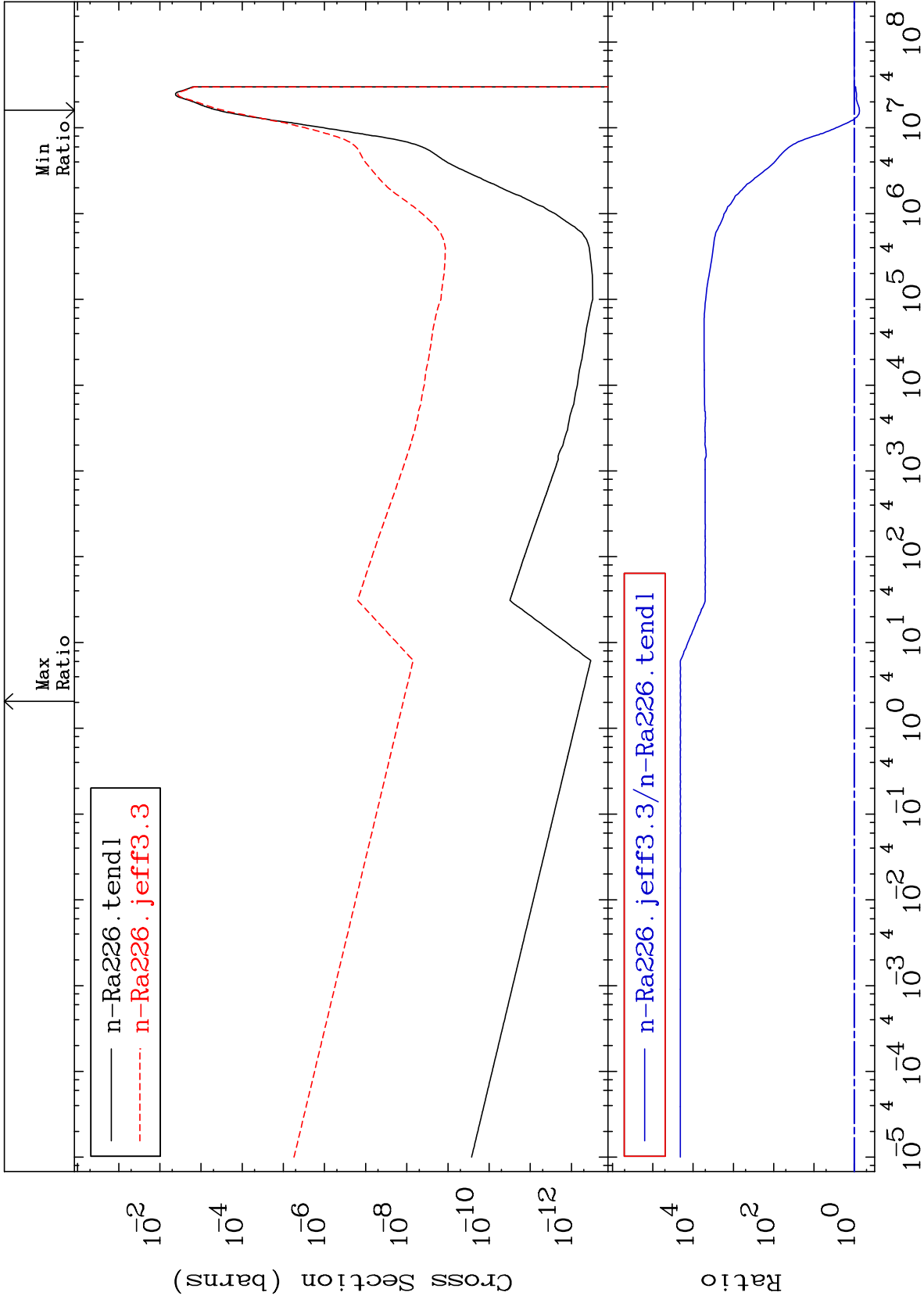
MAT 8834

(n, α)

88-Ra-226

Cross Section

-25.41 To 9999. %



60

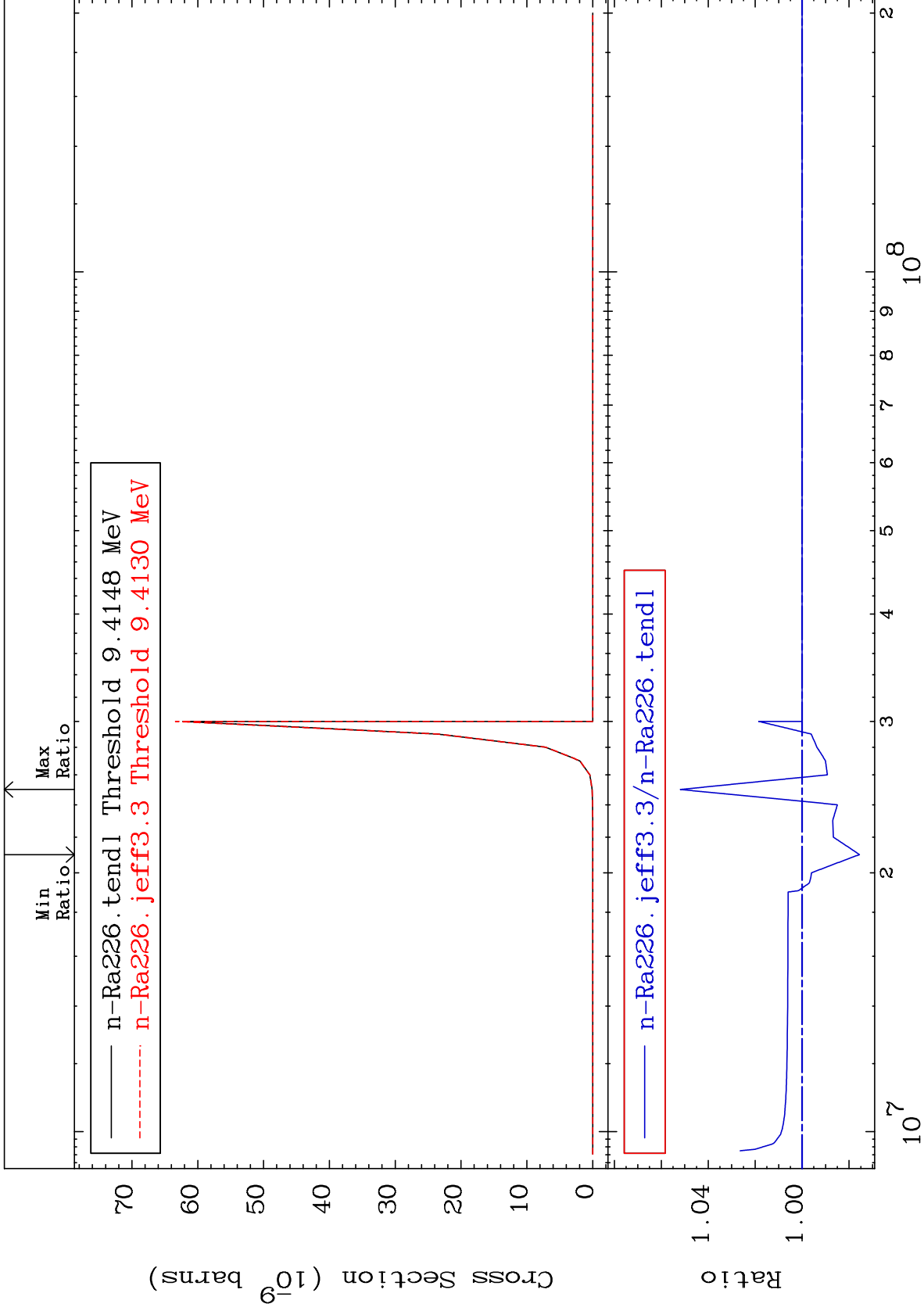
Incident Energy (eV)

88-Ra-226

MAT 8834

(n,2p)
Cross Section

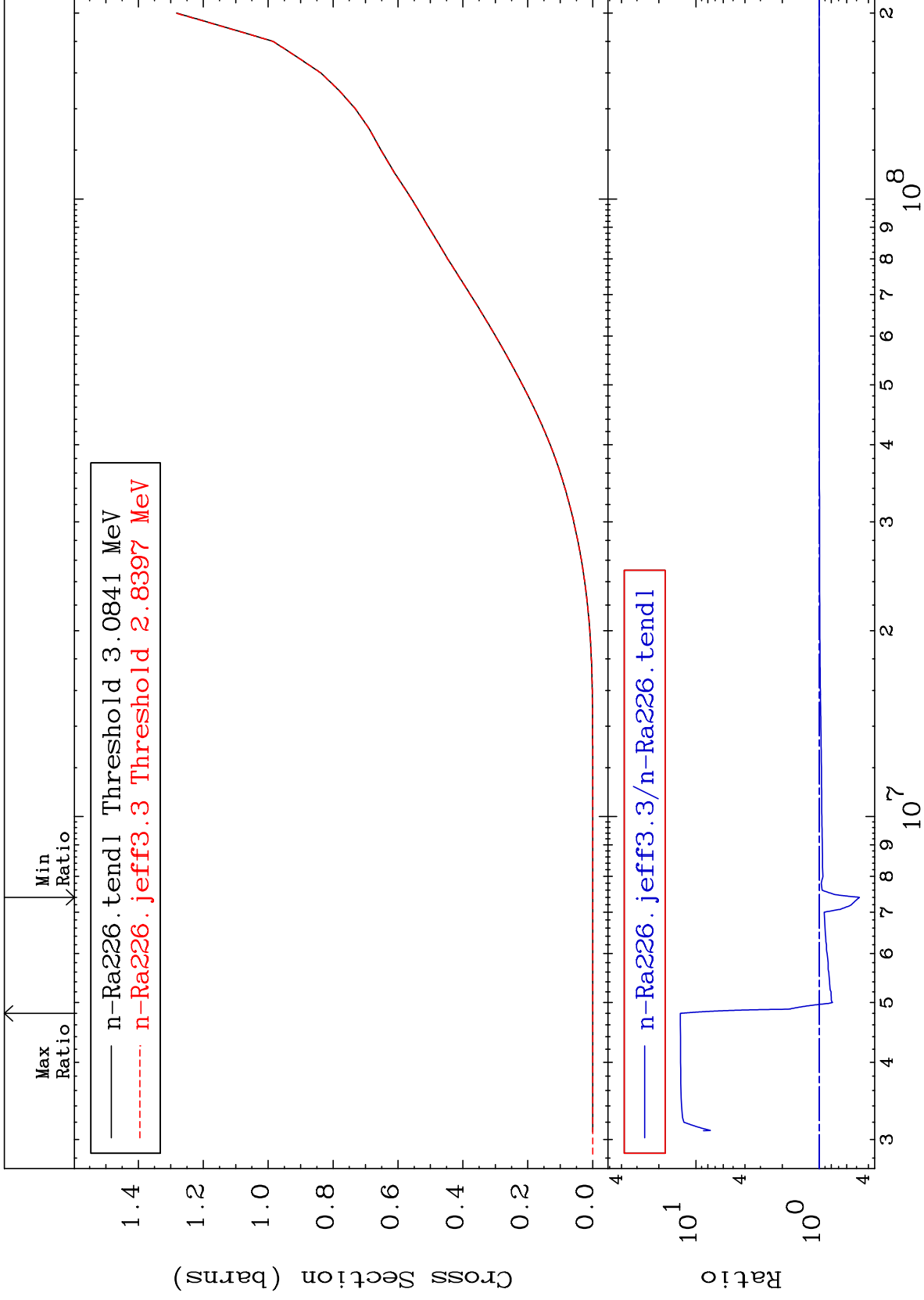
88-Ra-226
-2.442 To 5.188 %



61

Incident Energy (eV)

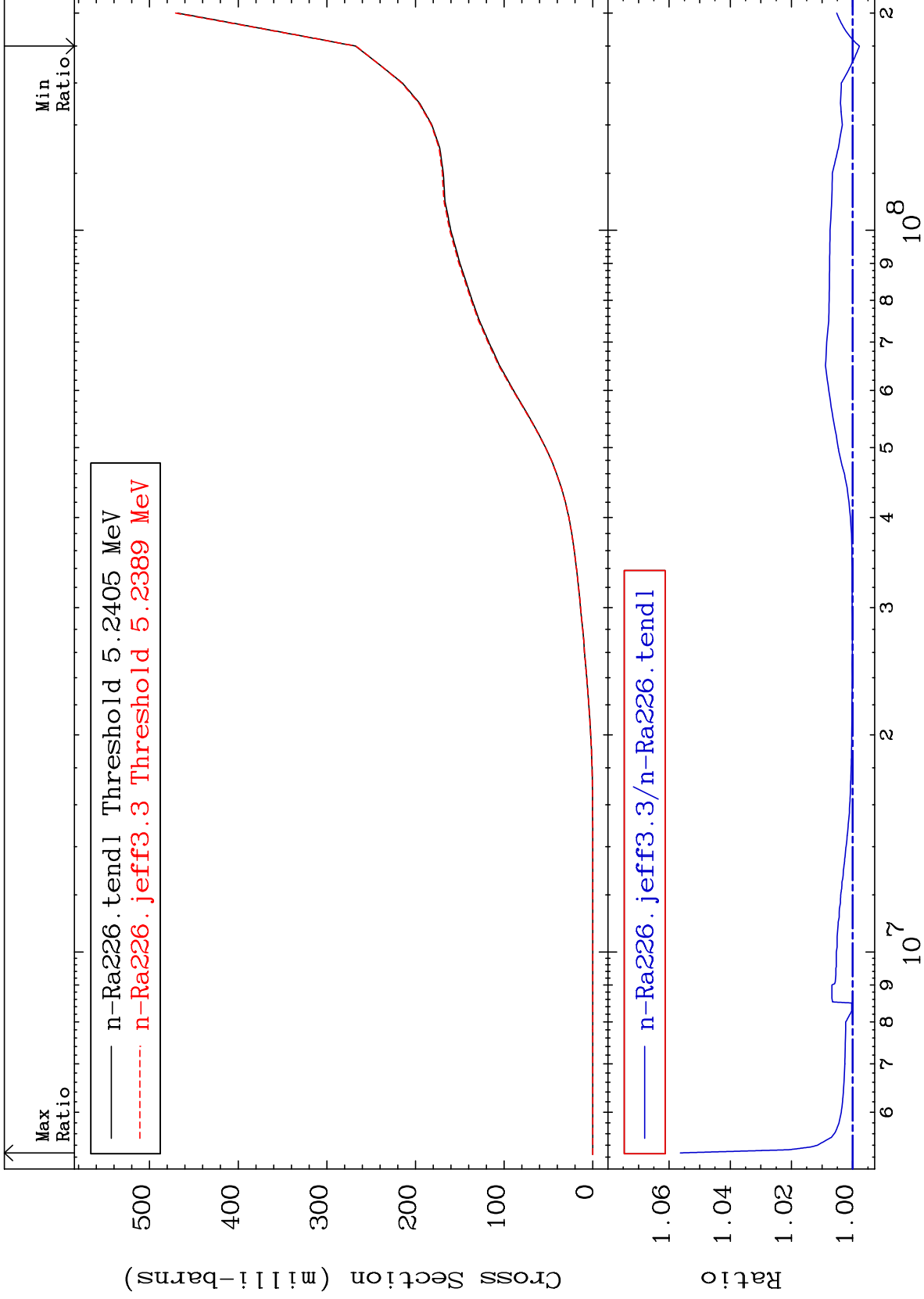
88-Ra-226



MAT 8834

Deuterium Production
Cross Section

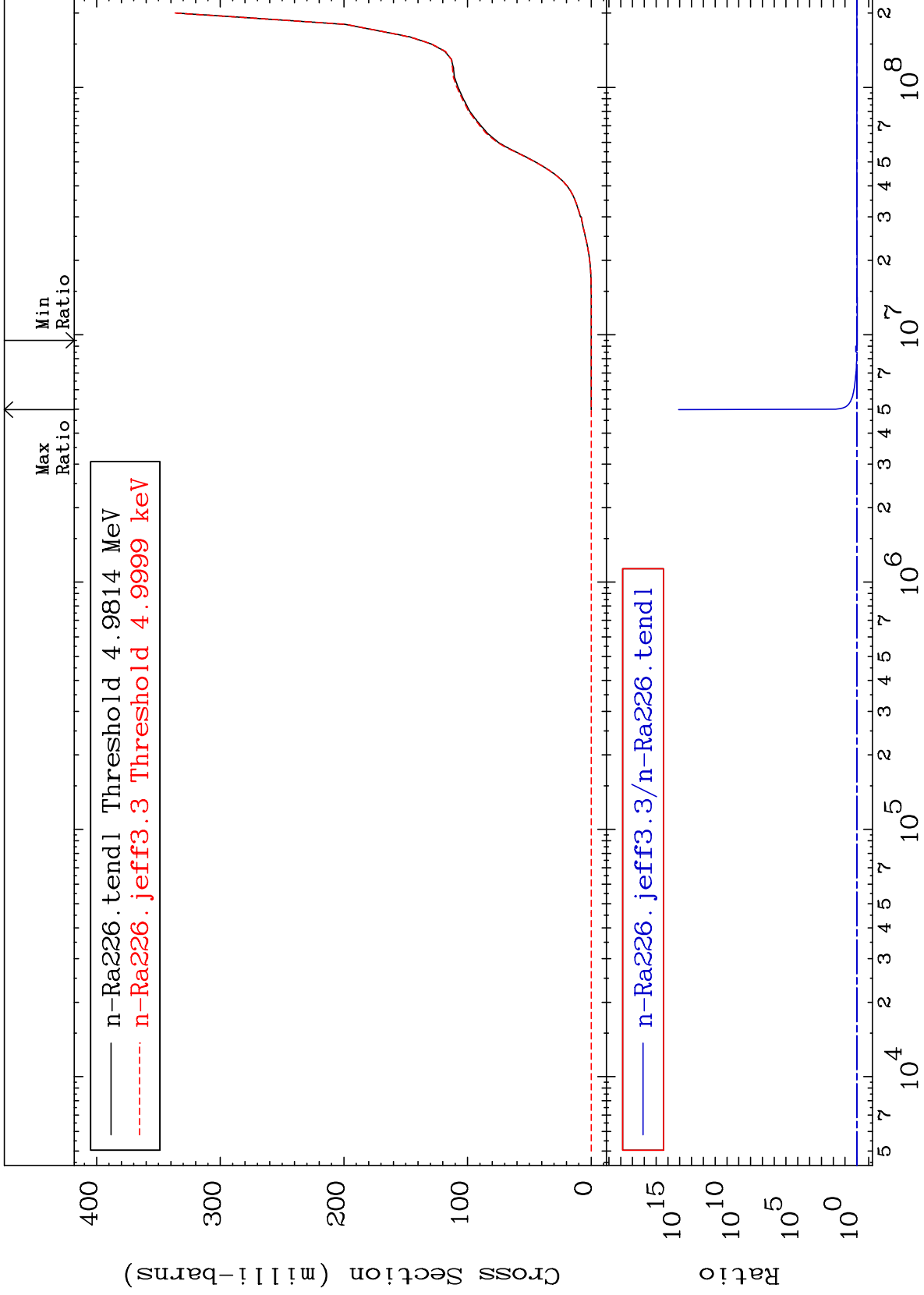
88-Ra-226
-0.223 To 5.632 %



63

Incident Energy (eV)

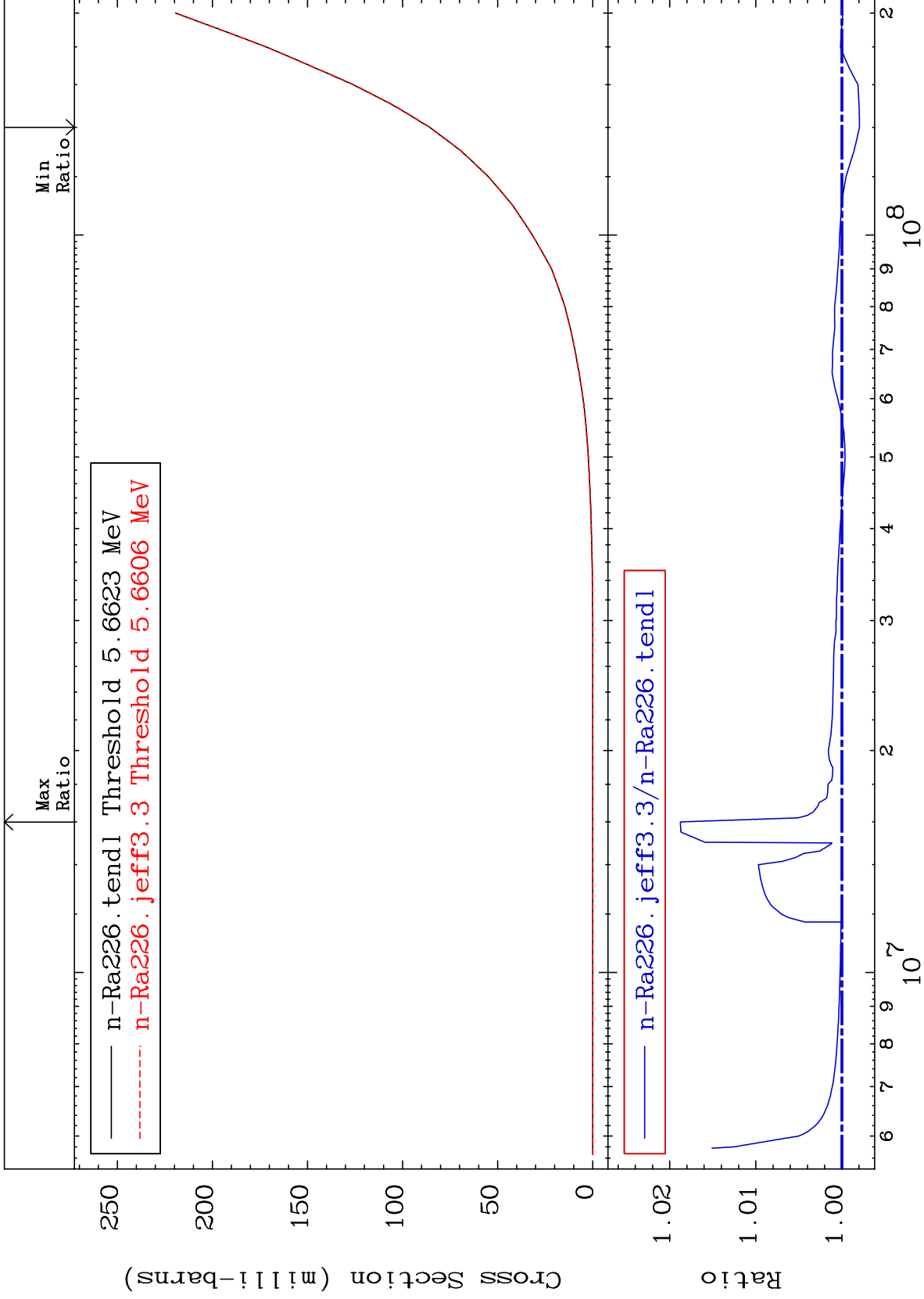
88-Ra-226



MAT 8834

He-3 Production
Cross Section

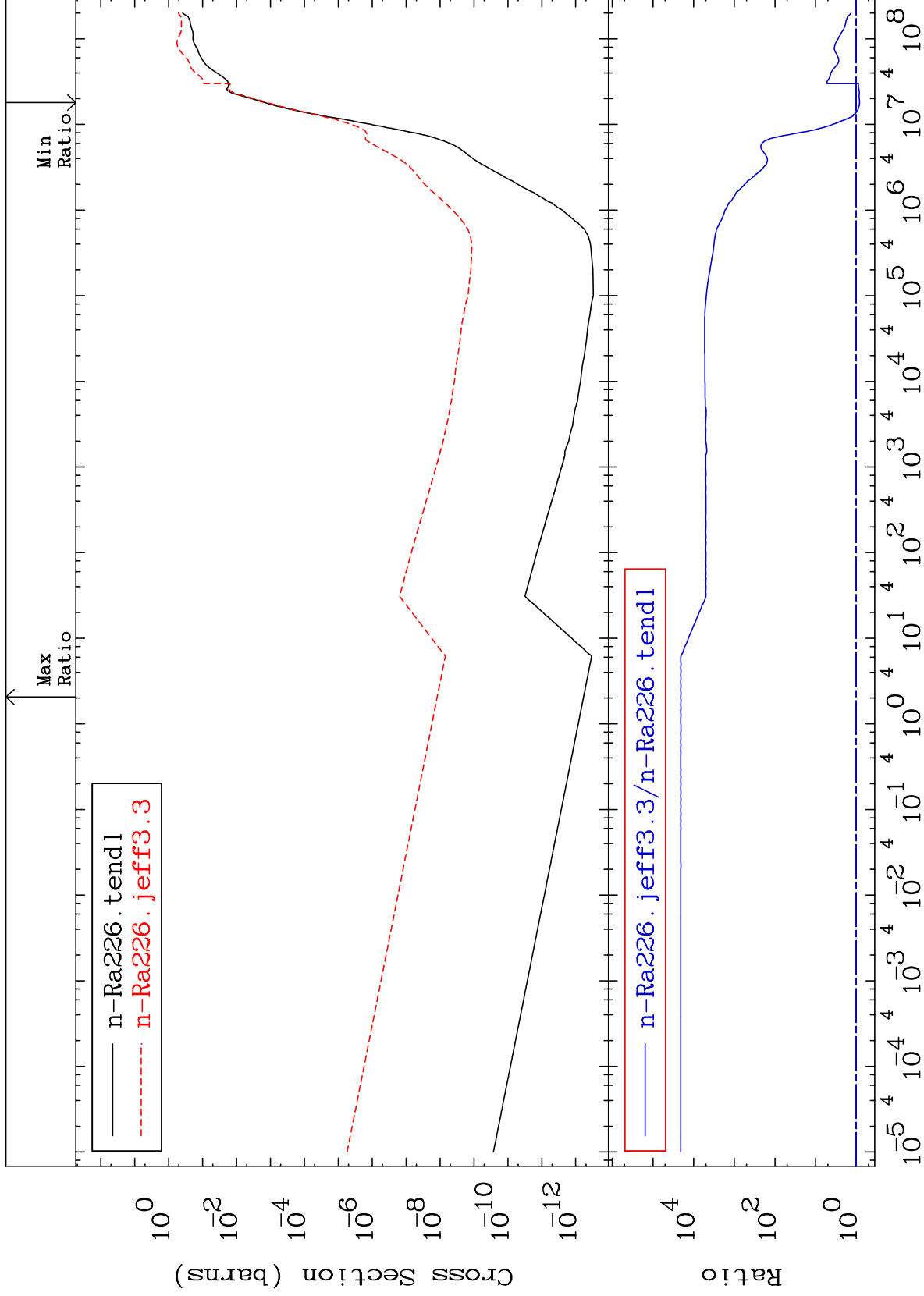
88-Ra-226
-0.204 To 1.877 %

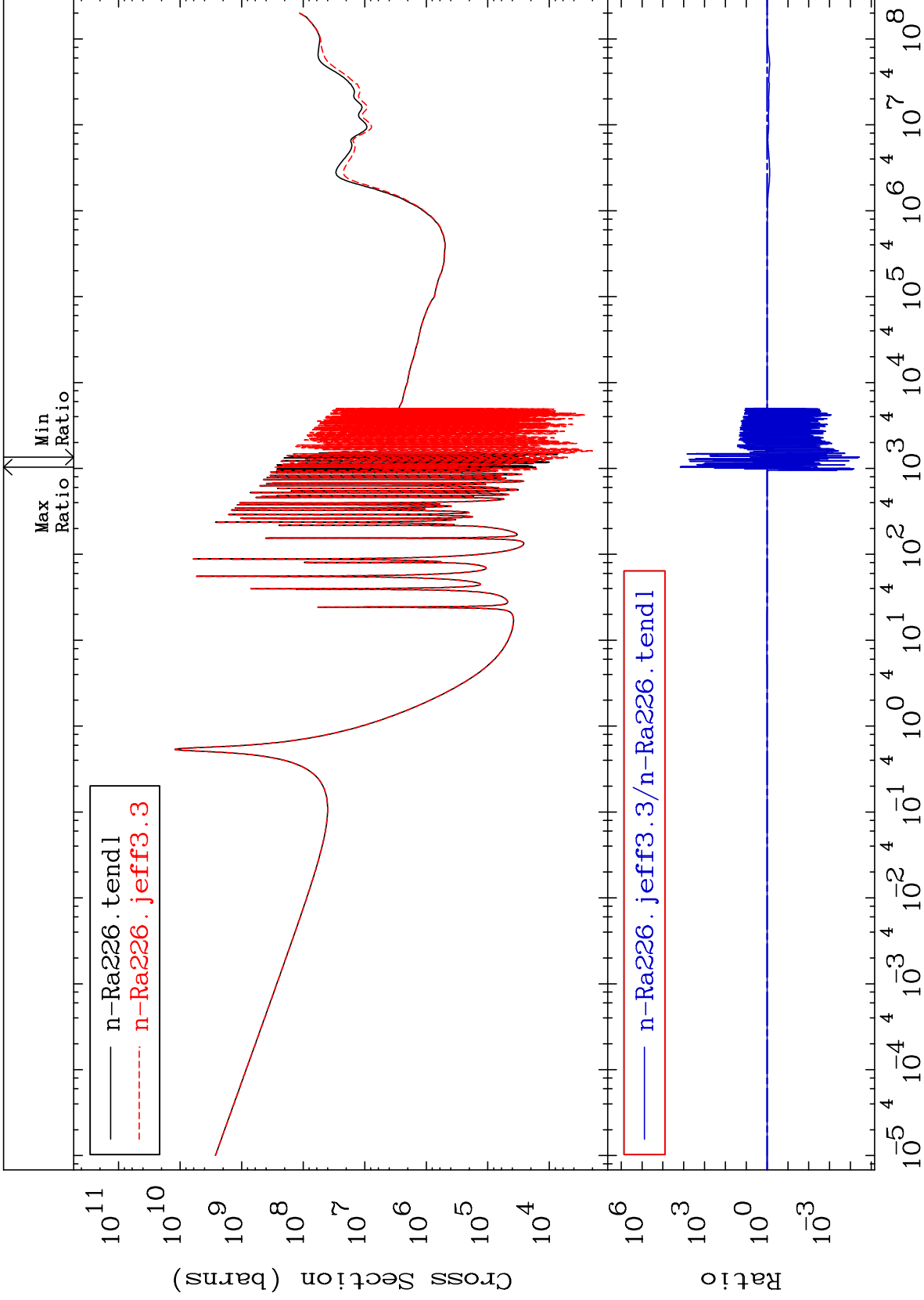


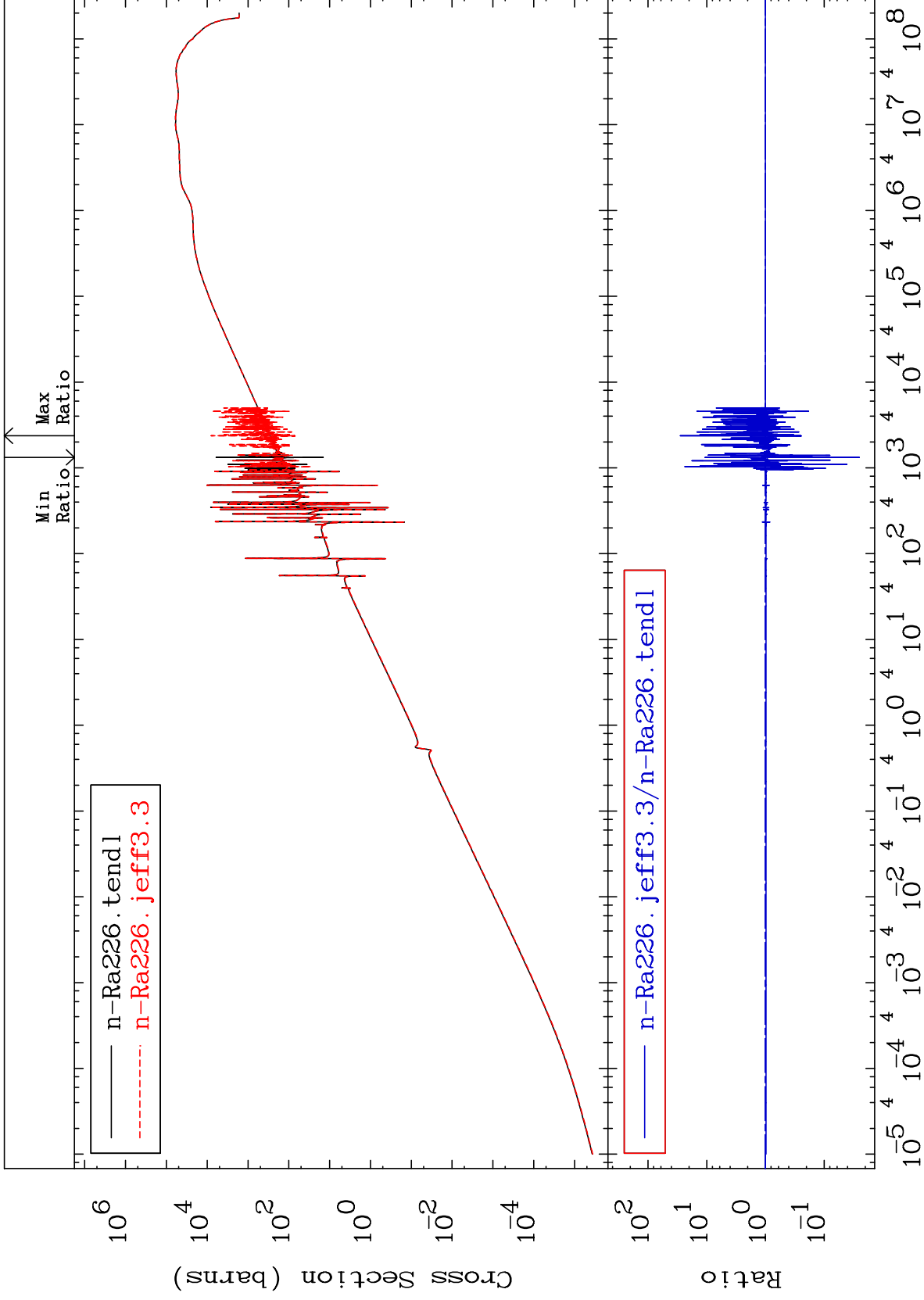
65

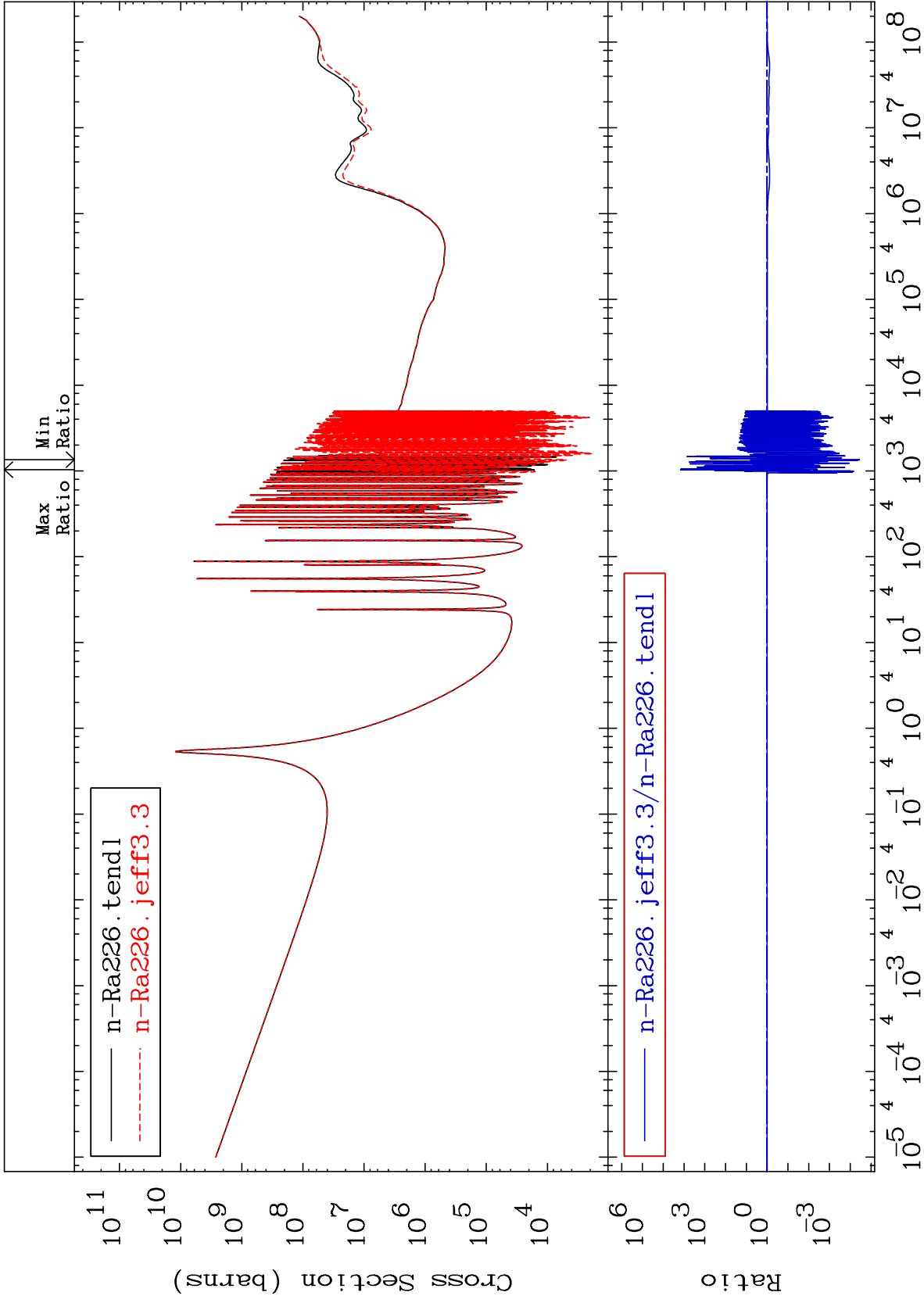
Incident Energy (eV)

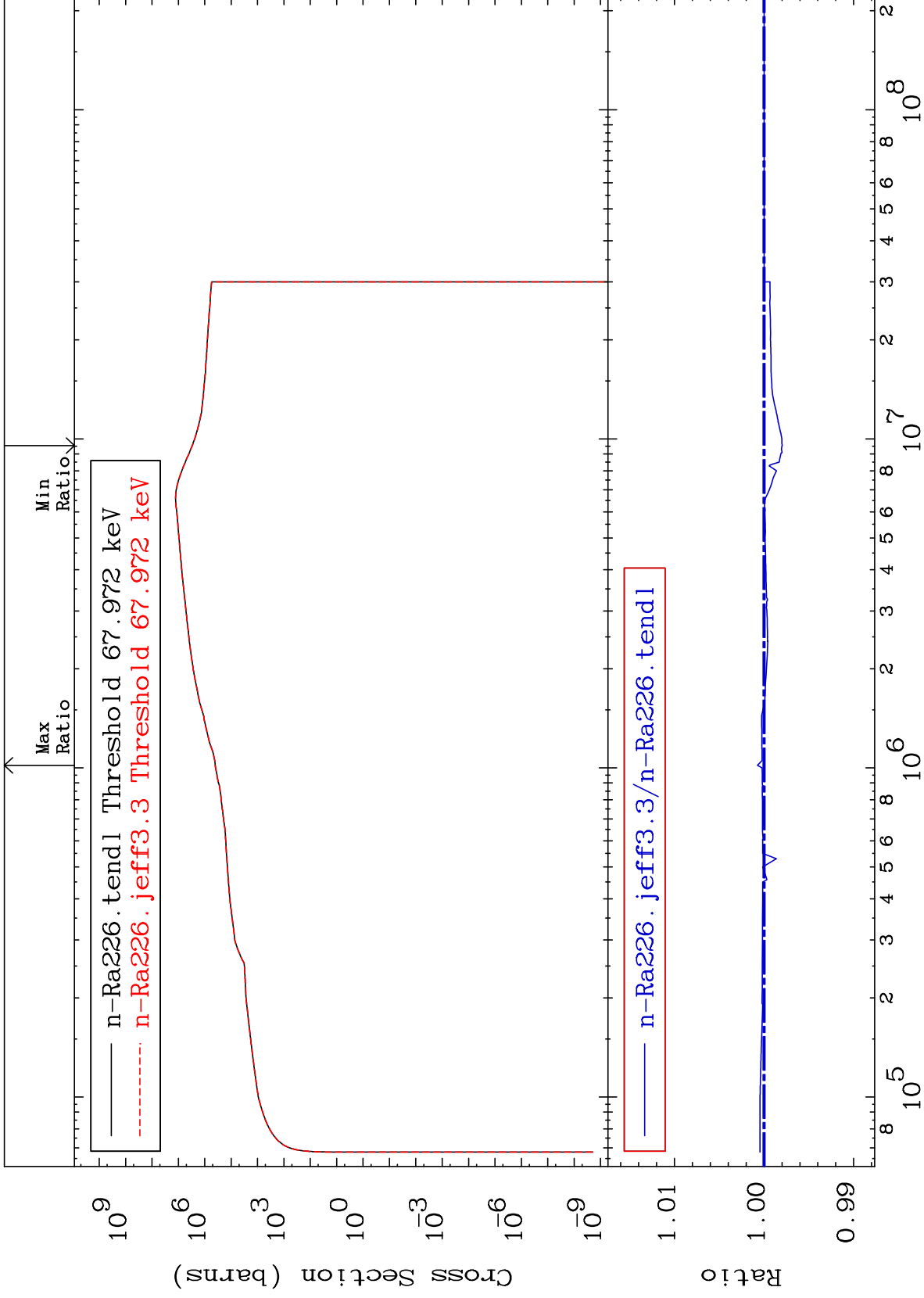
88-Ra-226

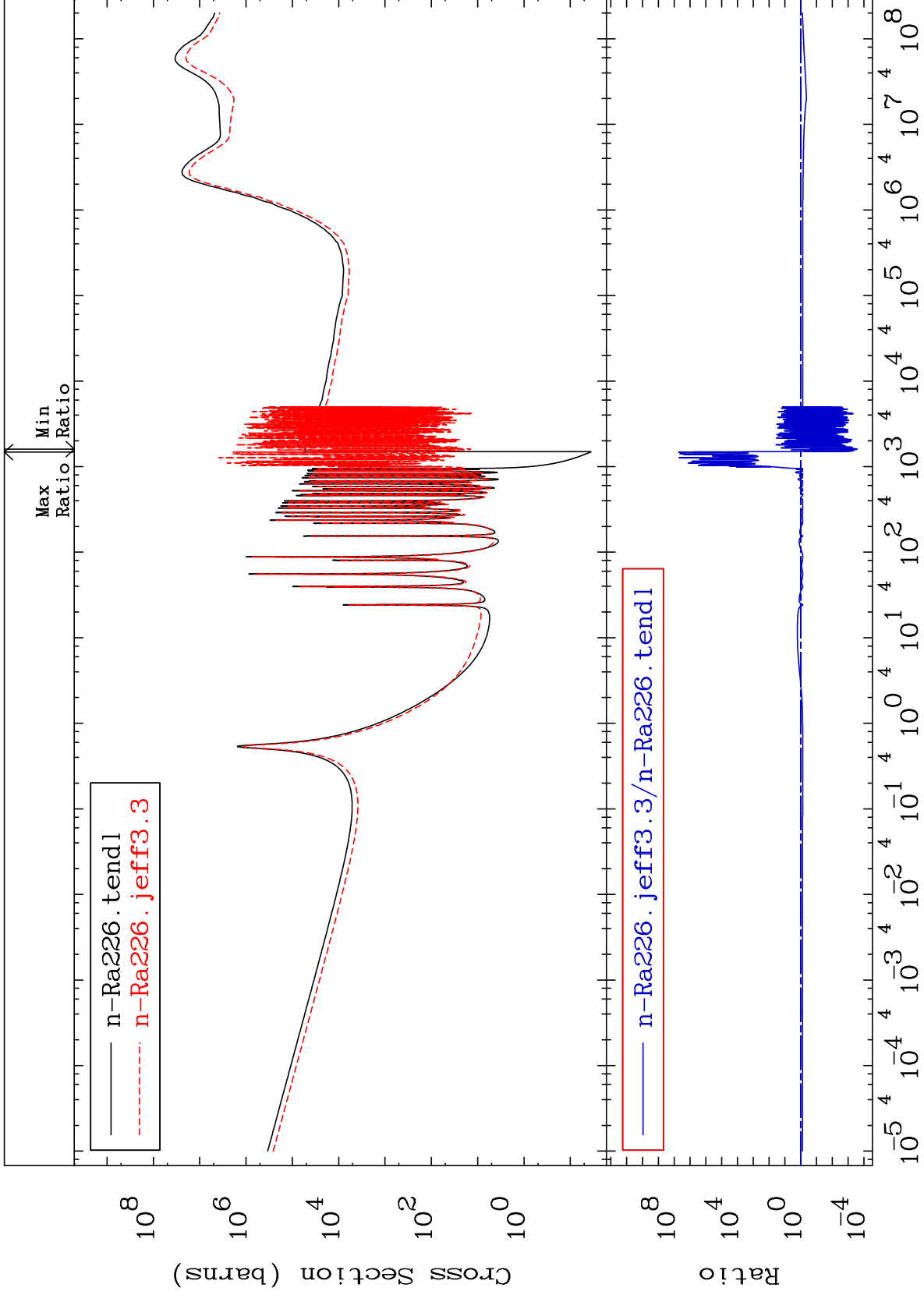


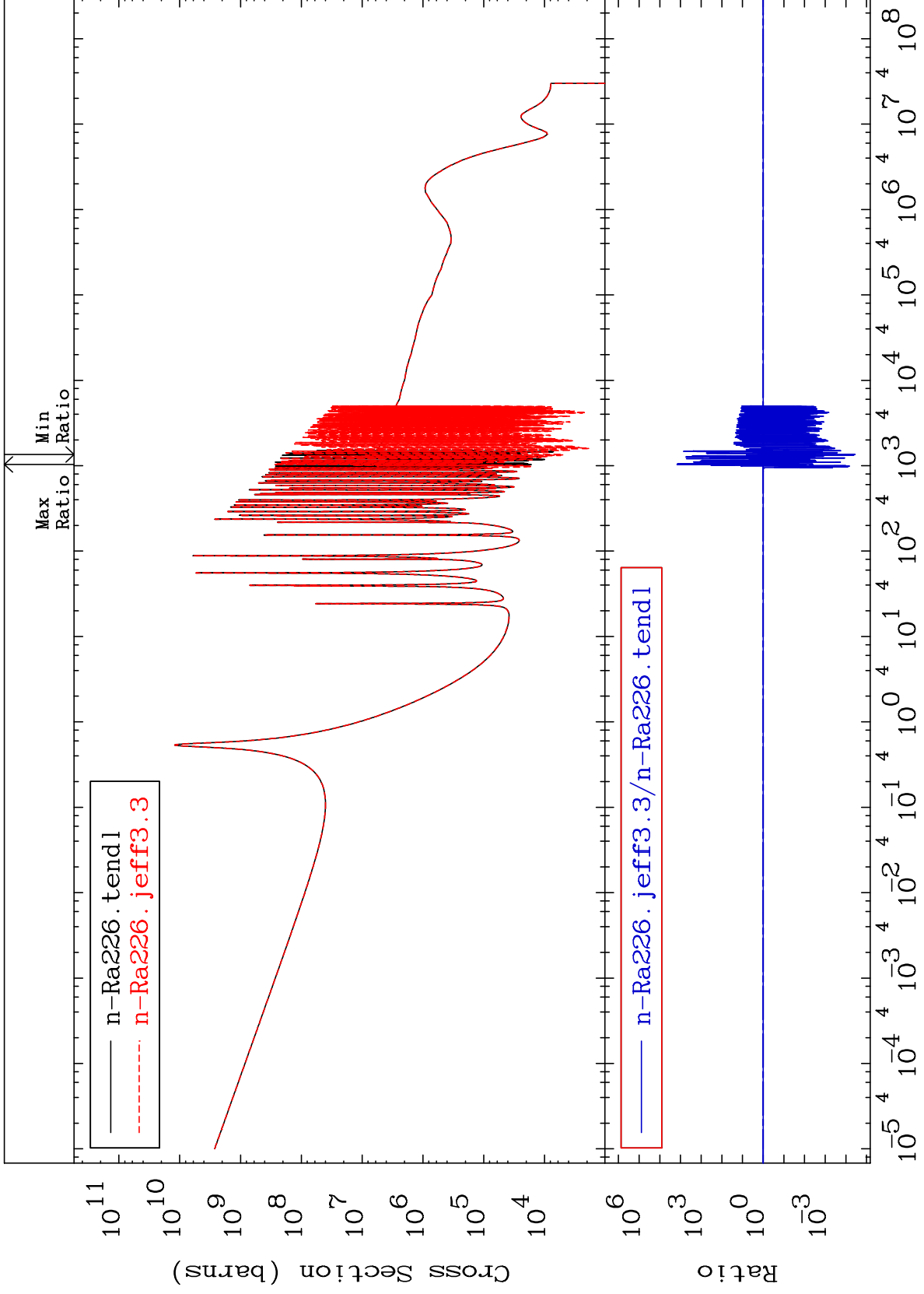


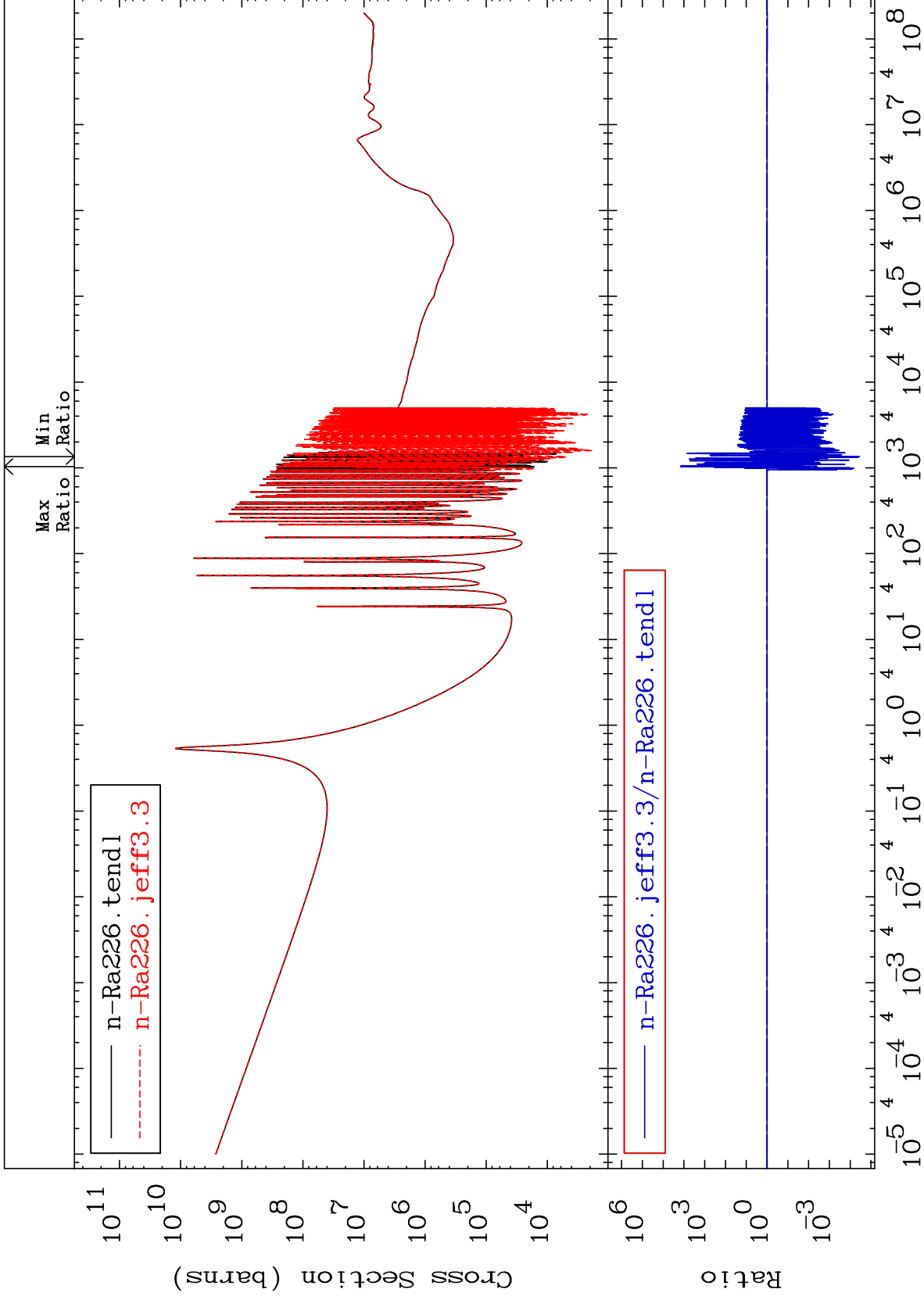


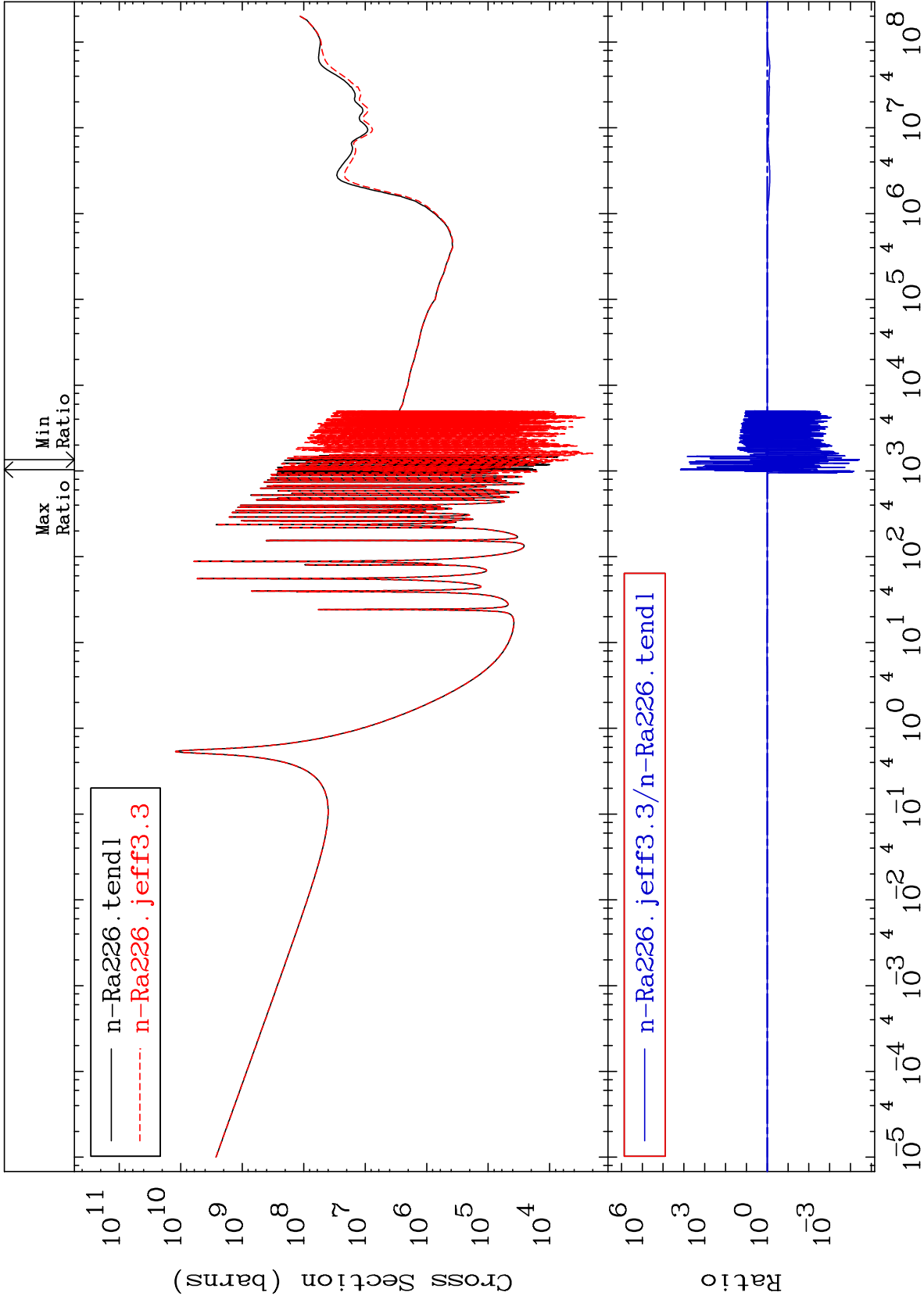


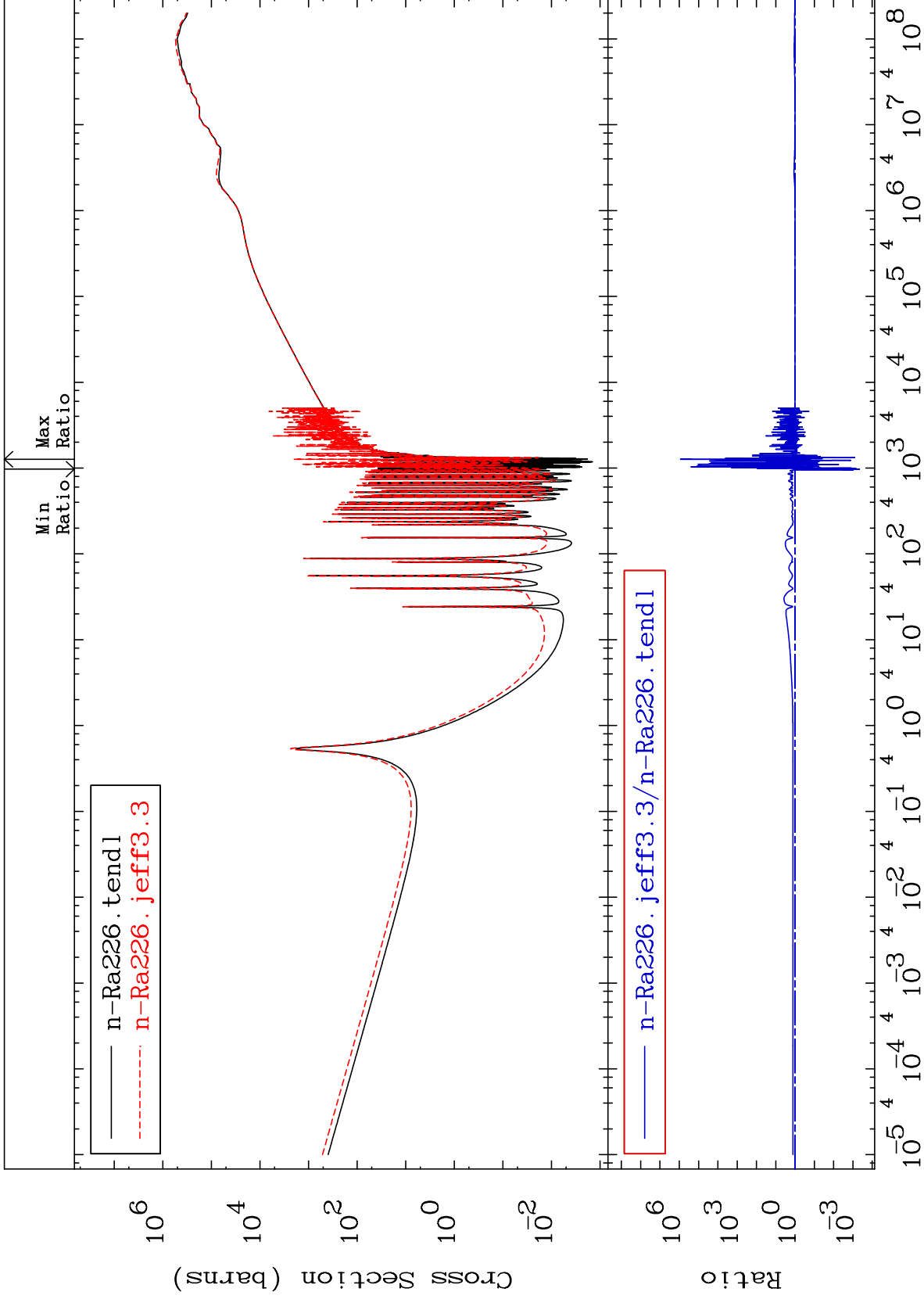








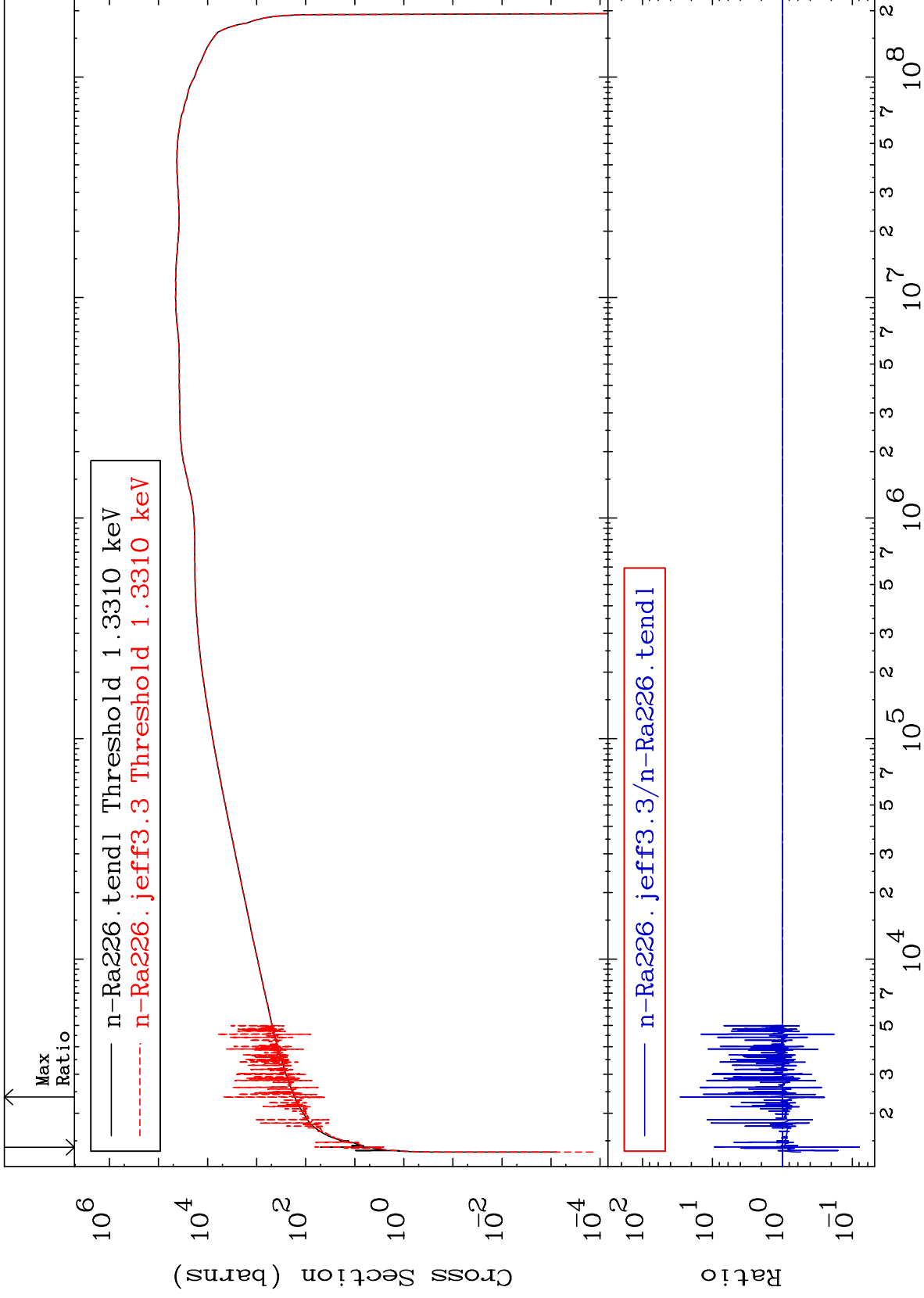




MAT 8834

Dpa elastic (mt2)
Cross Section

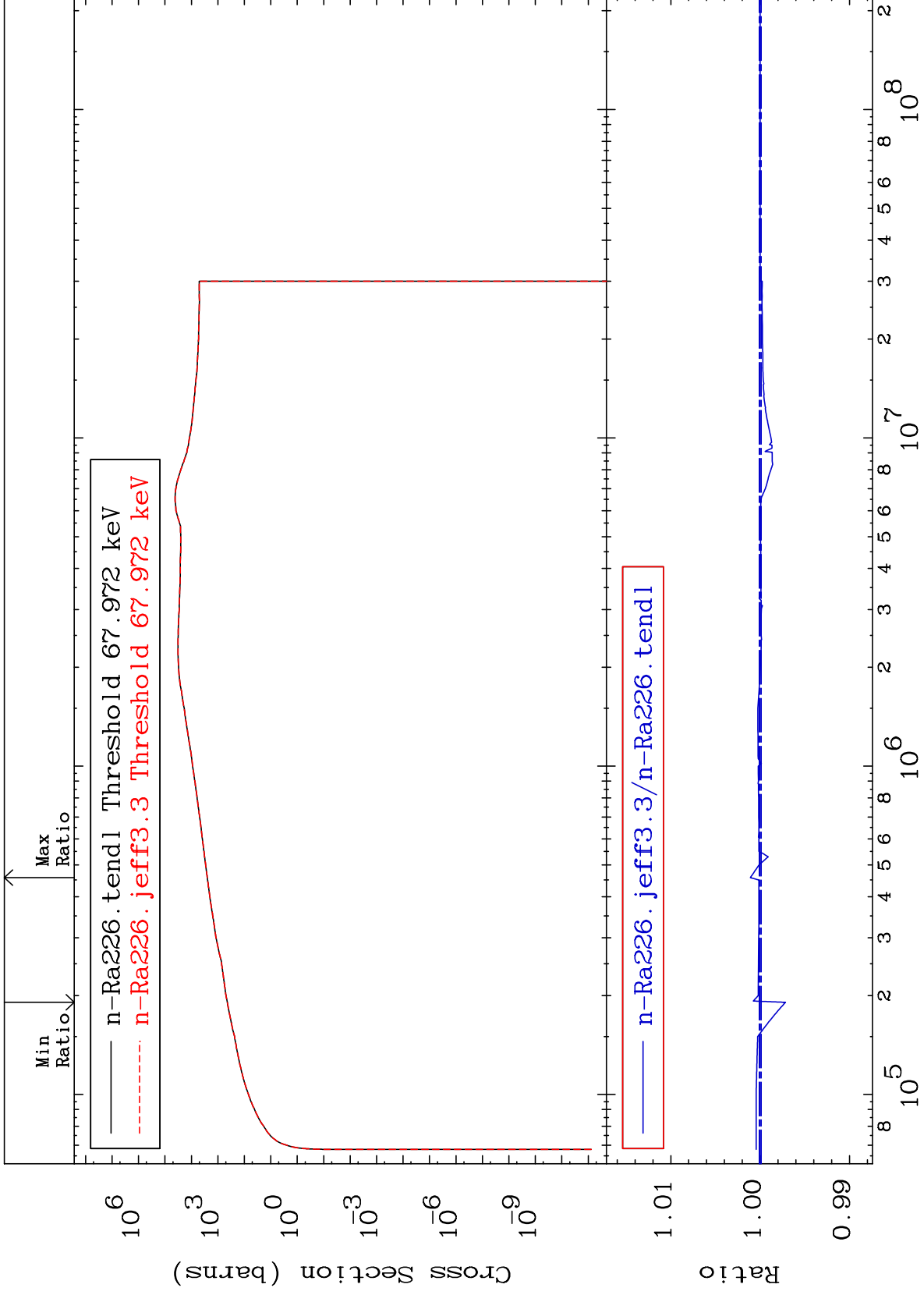
88-Ra-226
-92.10 To 2784. %



MAT 8834

Dpa inelastic (mt51-91)
Cross Section

88-Ra-226
-0.283 To 0.109 %



77

Incident Energy (eV)

88-Ra-226

