

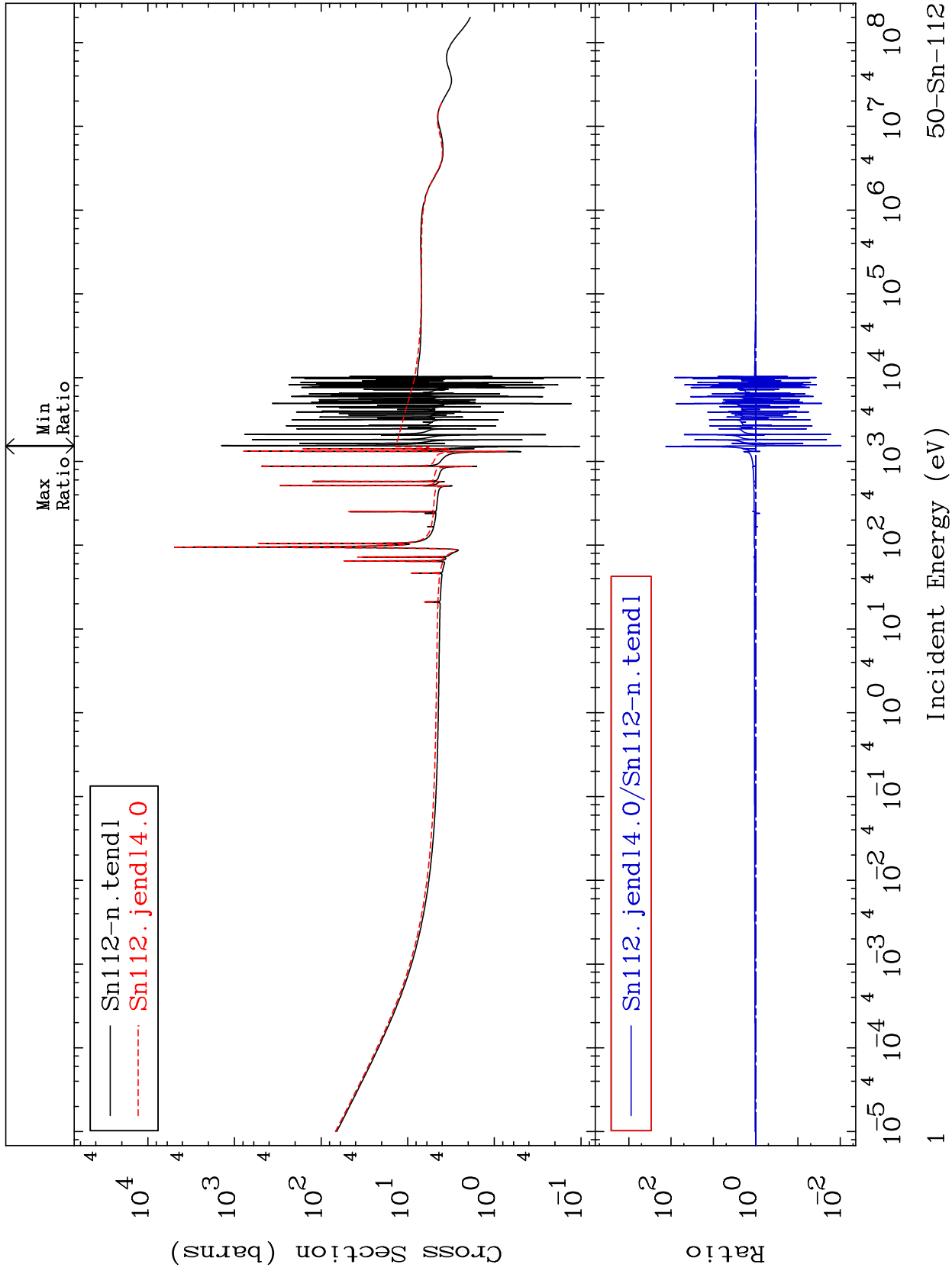
MAT 5025

Total

50-Sn-112

Cross Section

-99.03 To 9999. %



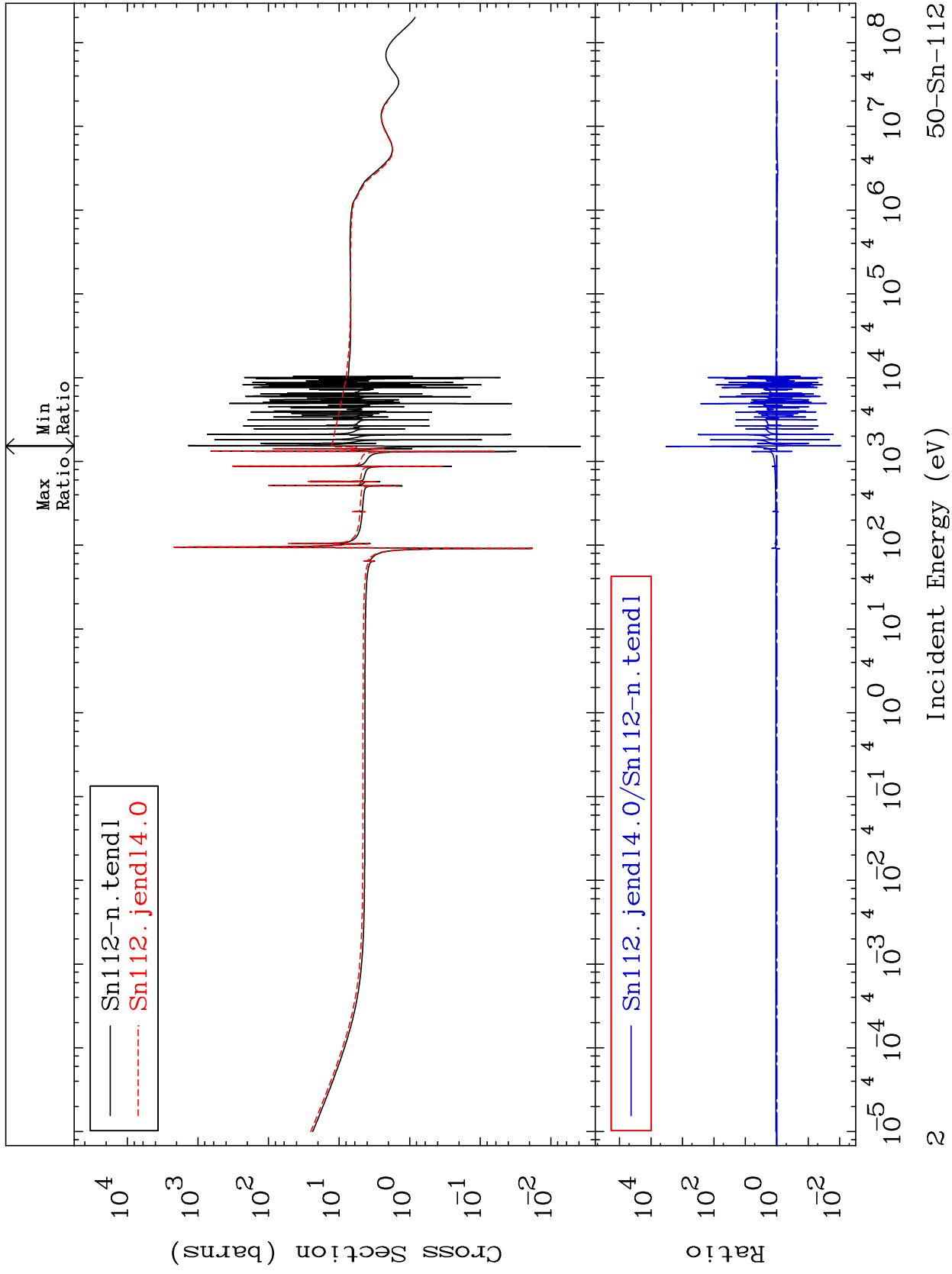
Incident Energy (eV)

50-Sn-112

MAT 5025

Elastic
Cross Section

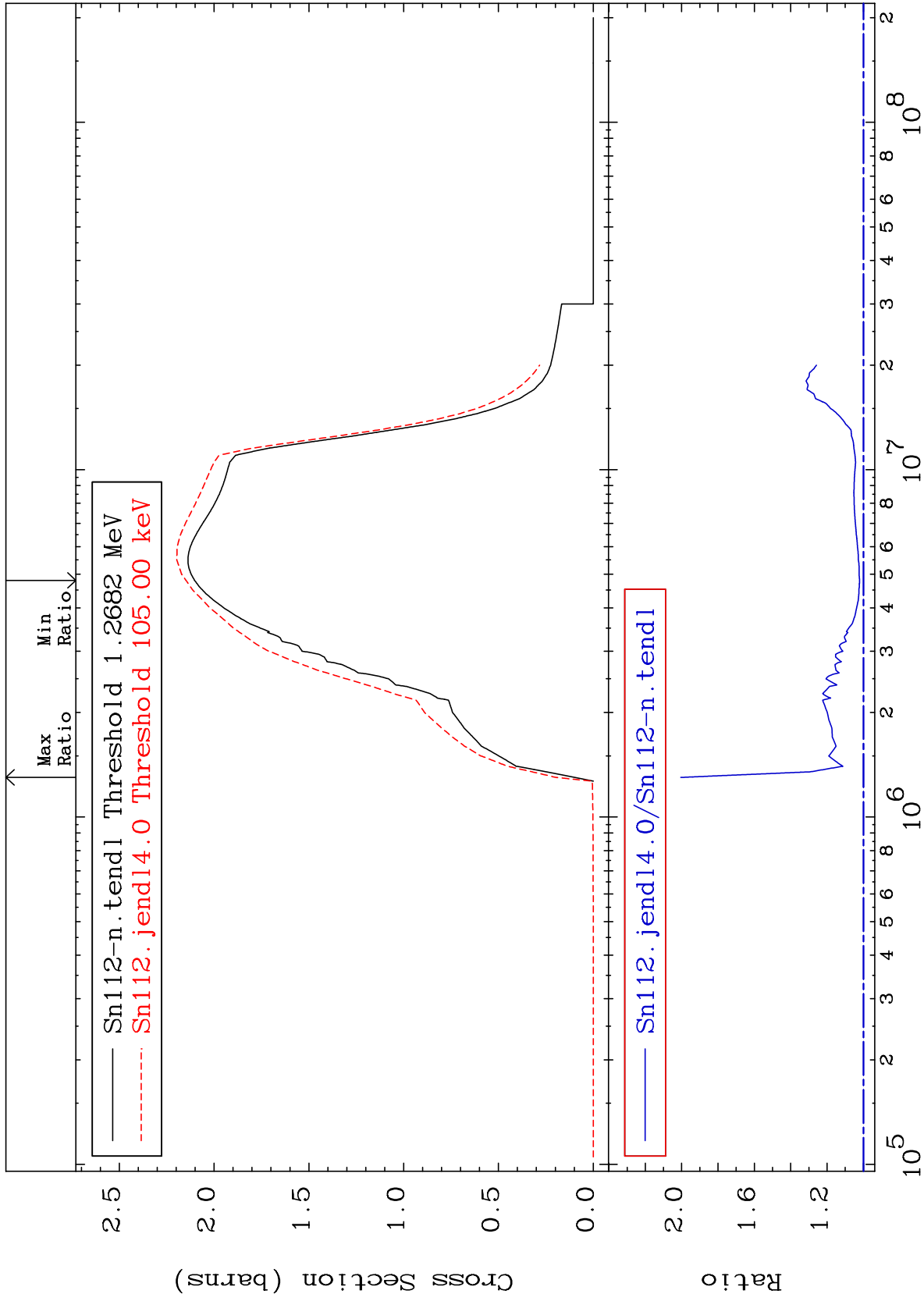
50-Sn-112
-99.08 To 9999. %



MAT 5025

Inelastic
Cross Section

50-Sn-112
2.134 To 100.5 %



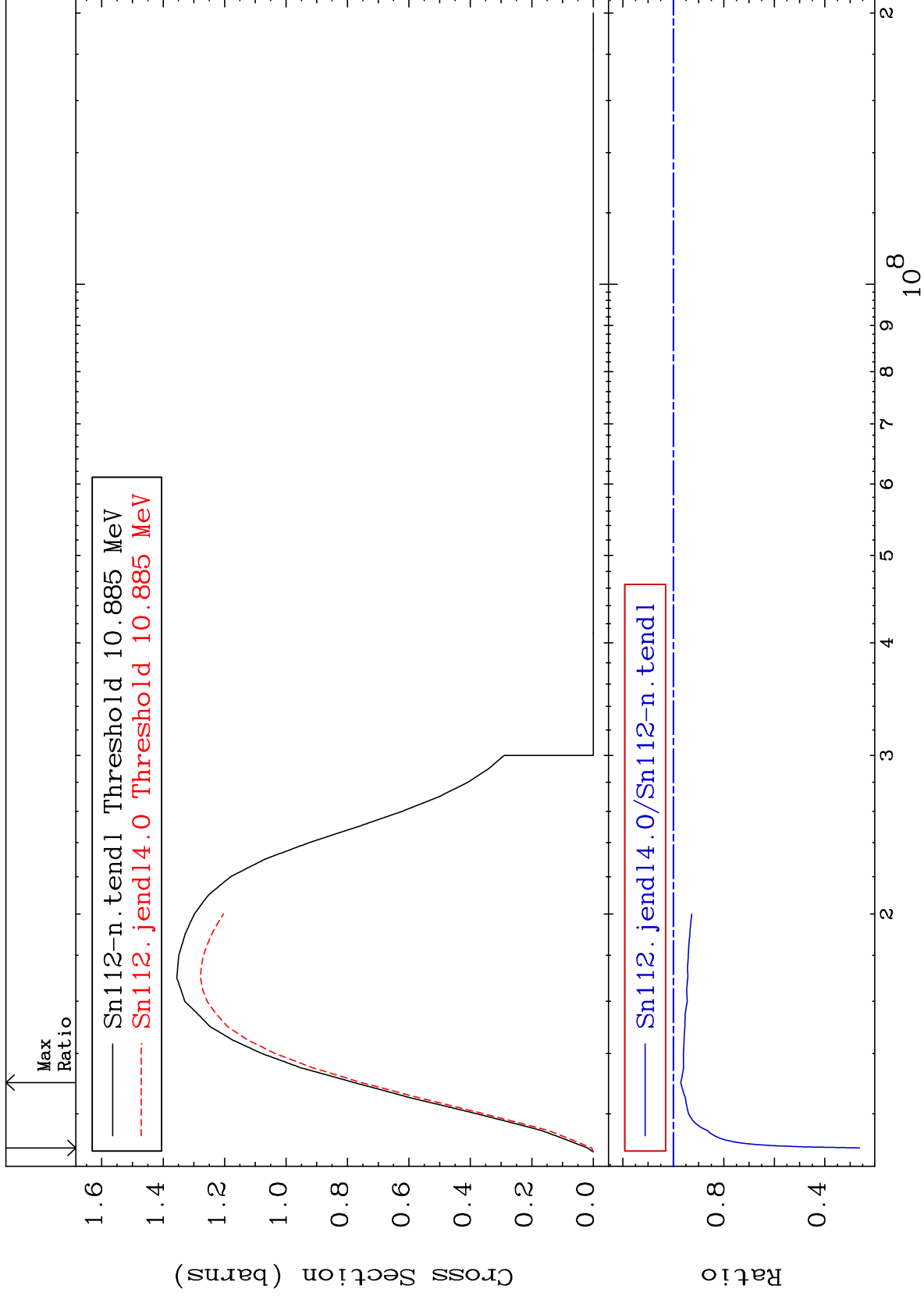
Incident Energy (eV)

50-Sn-112

MAT 5025

(n,2n)
Cross Section

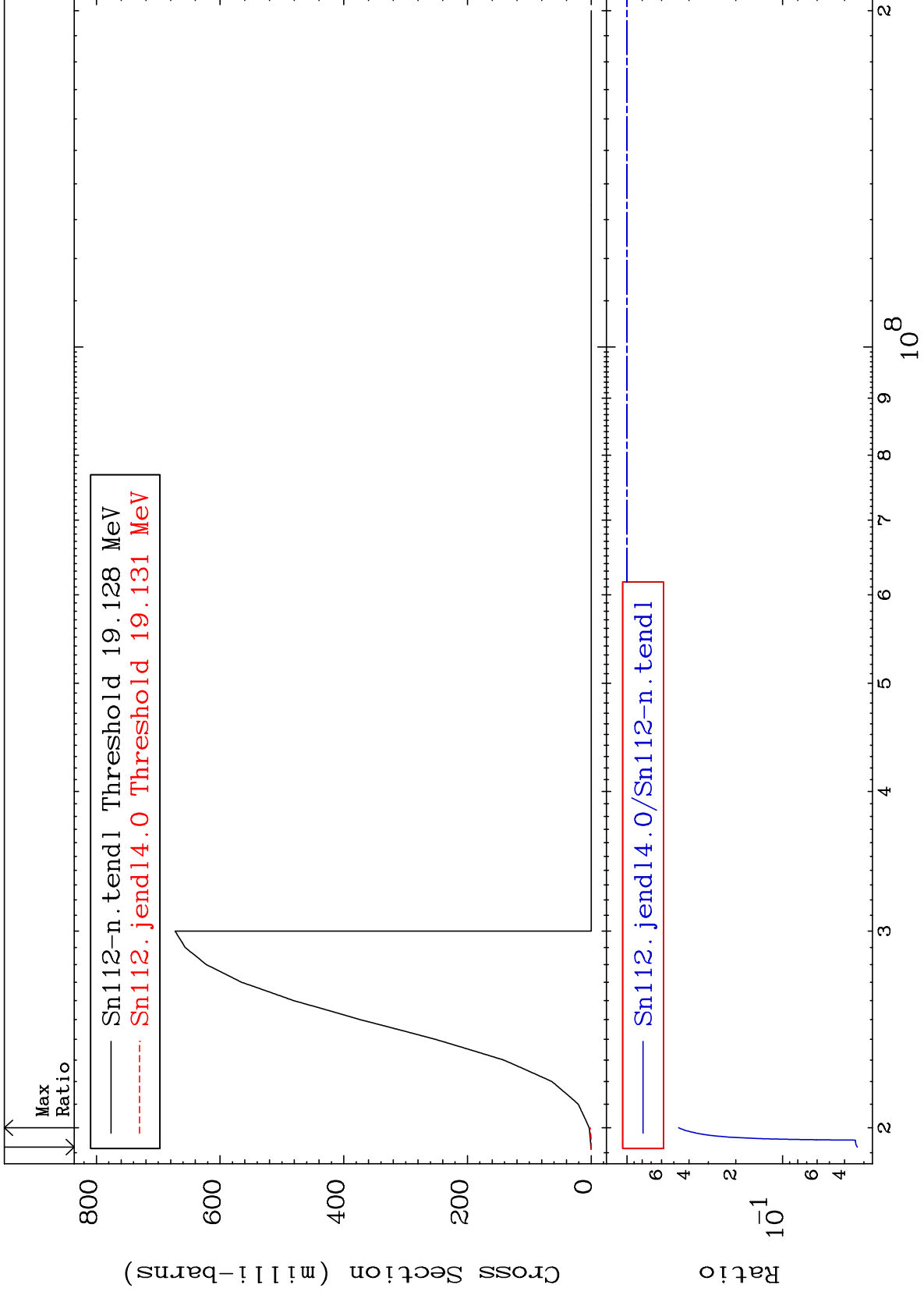
50-Sn-112
-73.75 To -2.938%



MAT 5025

(n,3n)
Cross Section

50-Sn-112
-96.69 To -53.40%



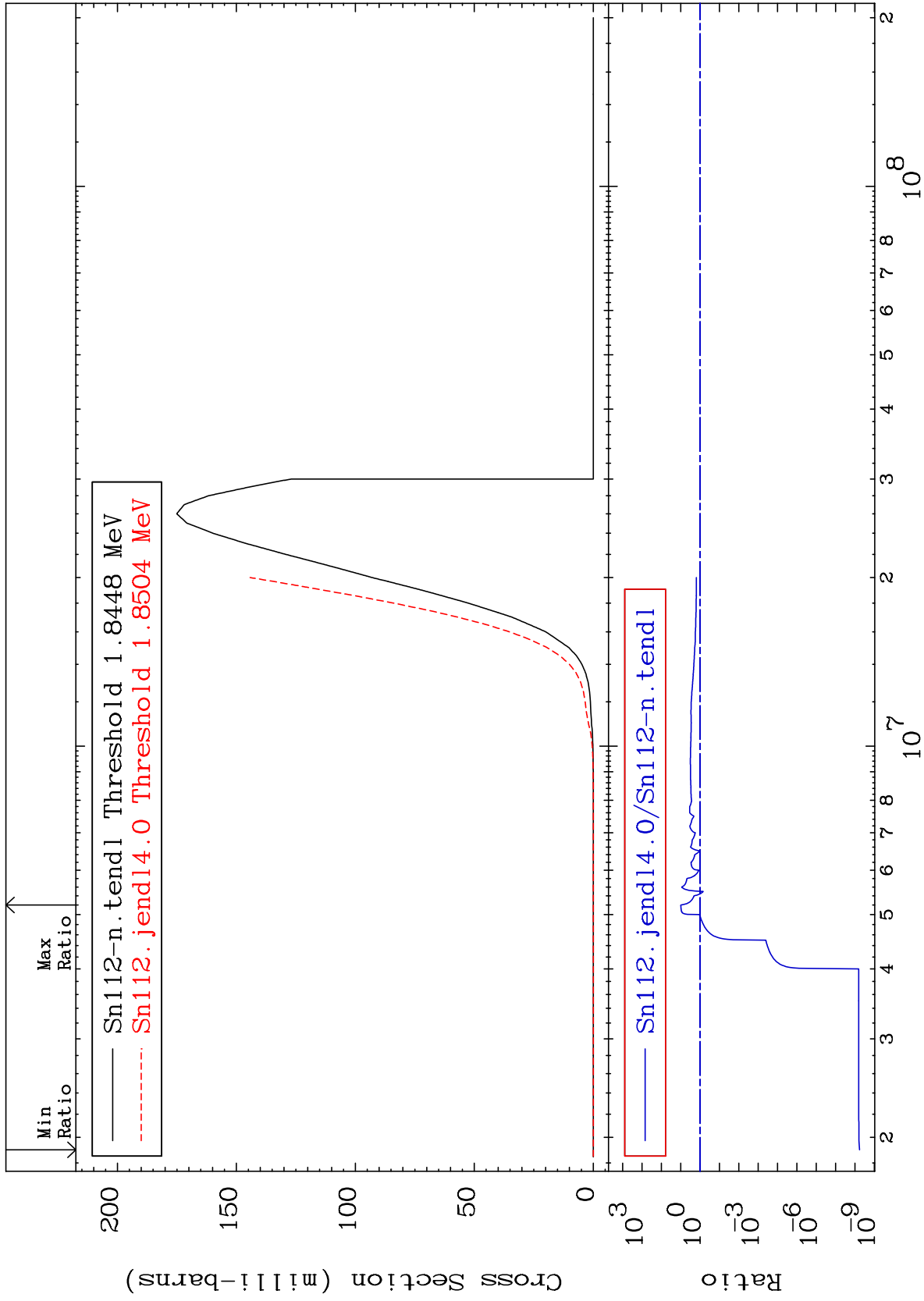
5

Incident Energy (eV)

50-Sn-112

MAT 5025

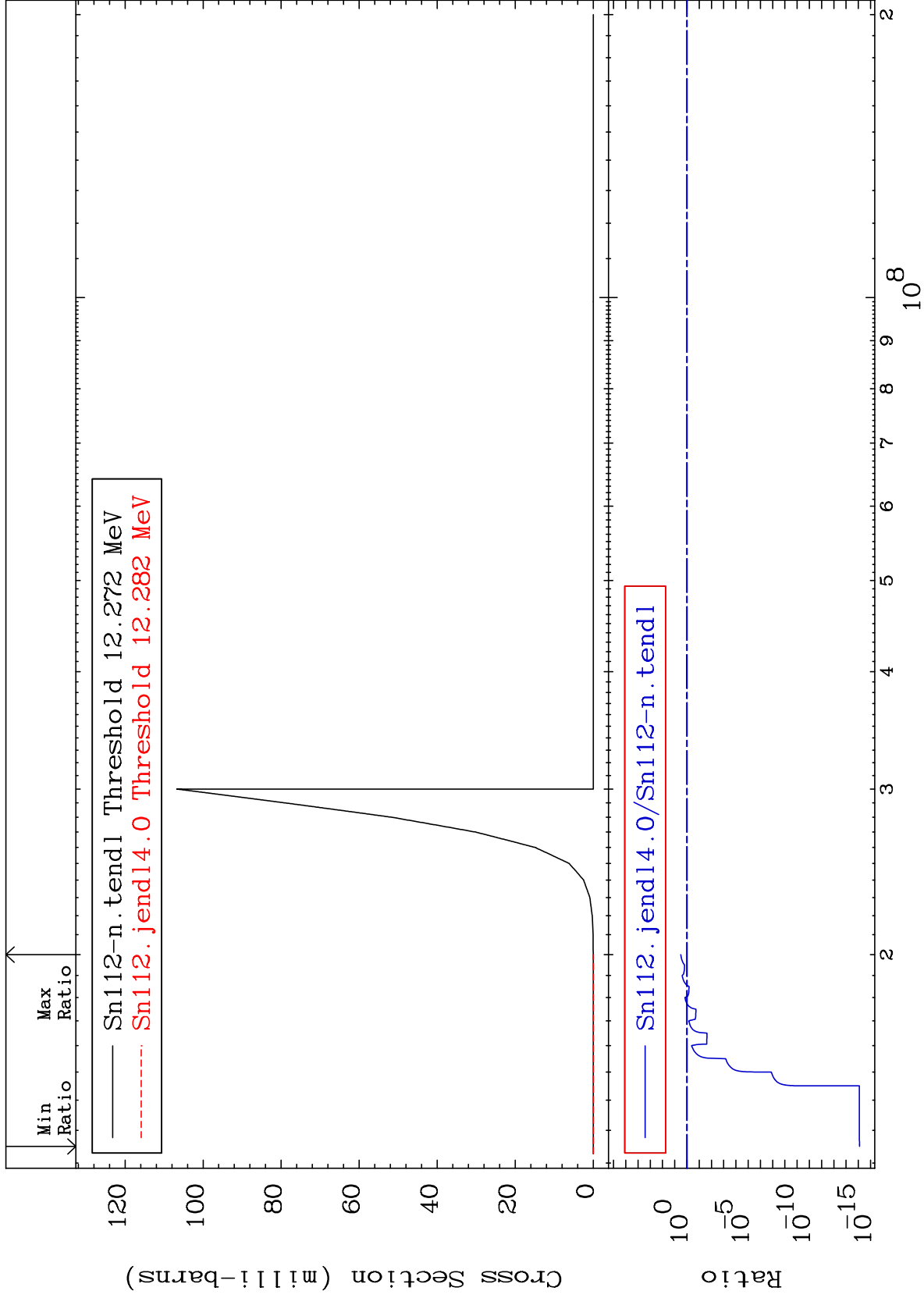
(n, n') α
Cross Section
50-Sn-112
-100.0 To 896.5 %



MAT 5025

(n,2n) α
Cross Section

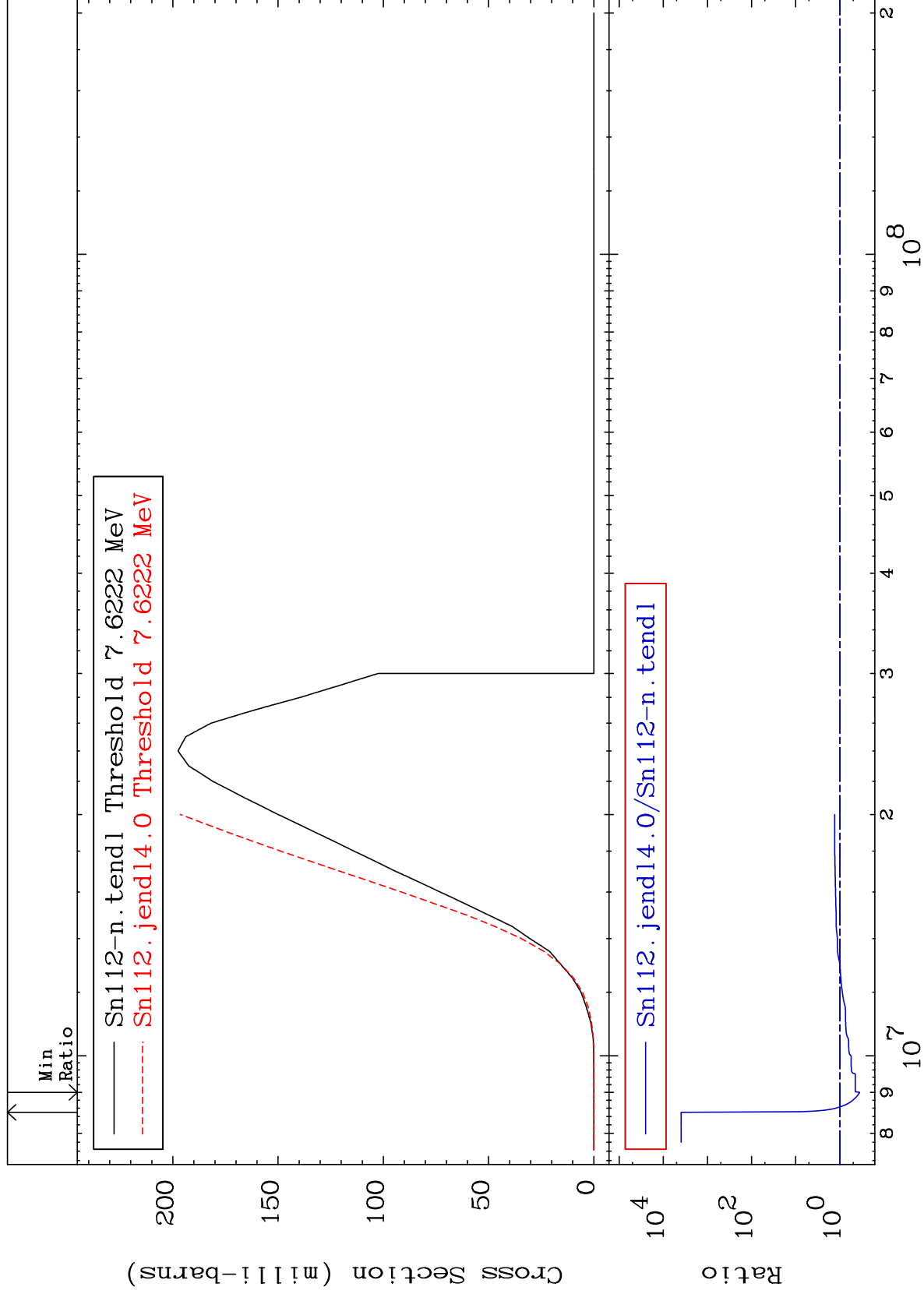
50-Sn-112
-100.0 To 221.2 %



MAT 5025

(n,n') p
Cross Section

50-Sn-112
-64.39 To 9999. %



8

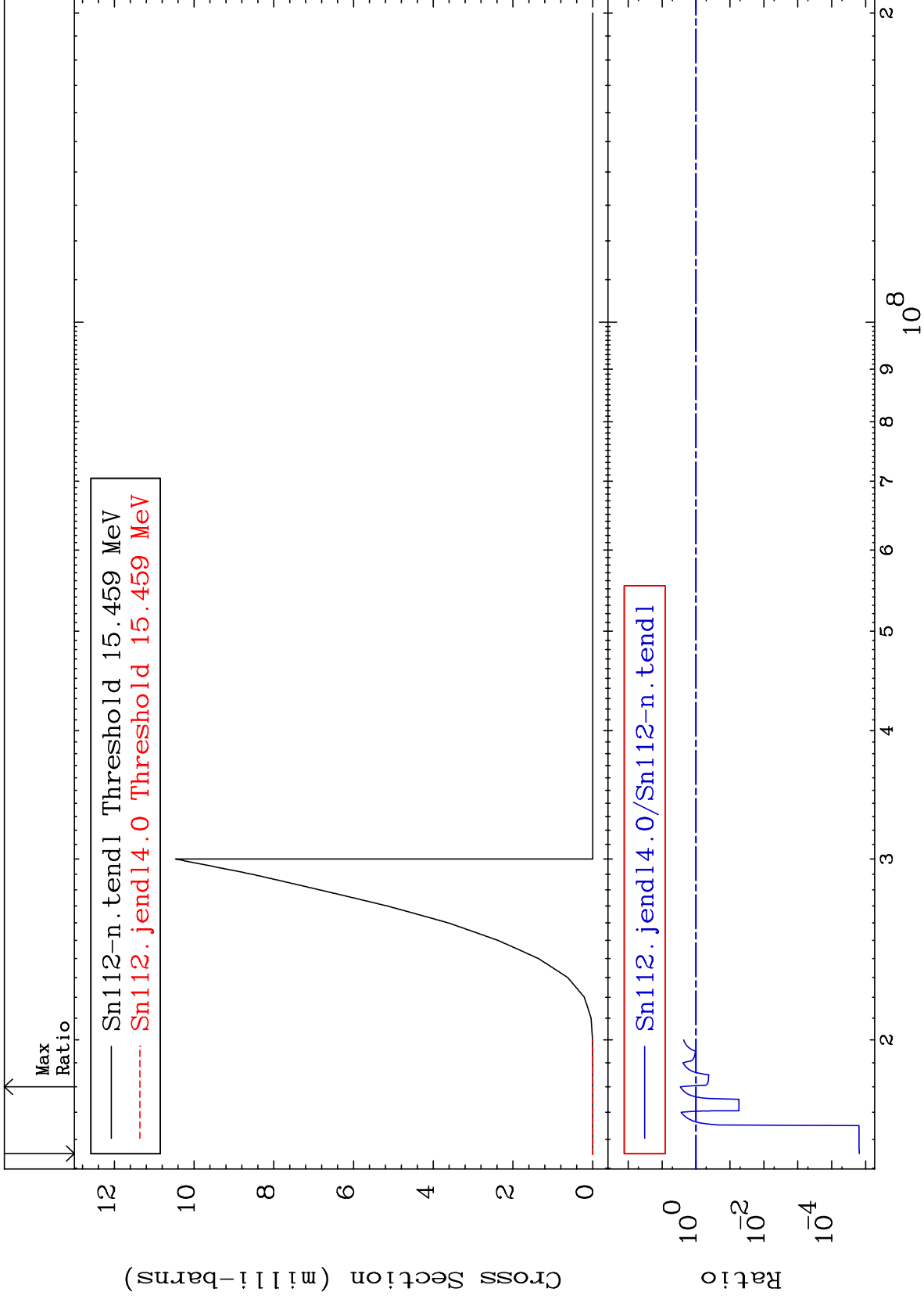
Incident Energy (eV)

50-Sn-112

MAT 5025

(n,n') d
Cross Section

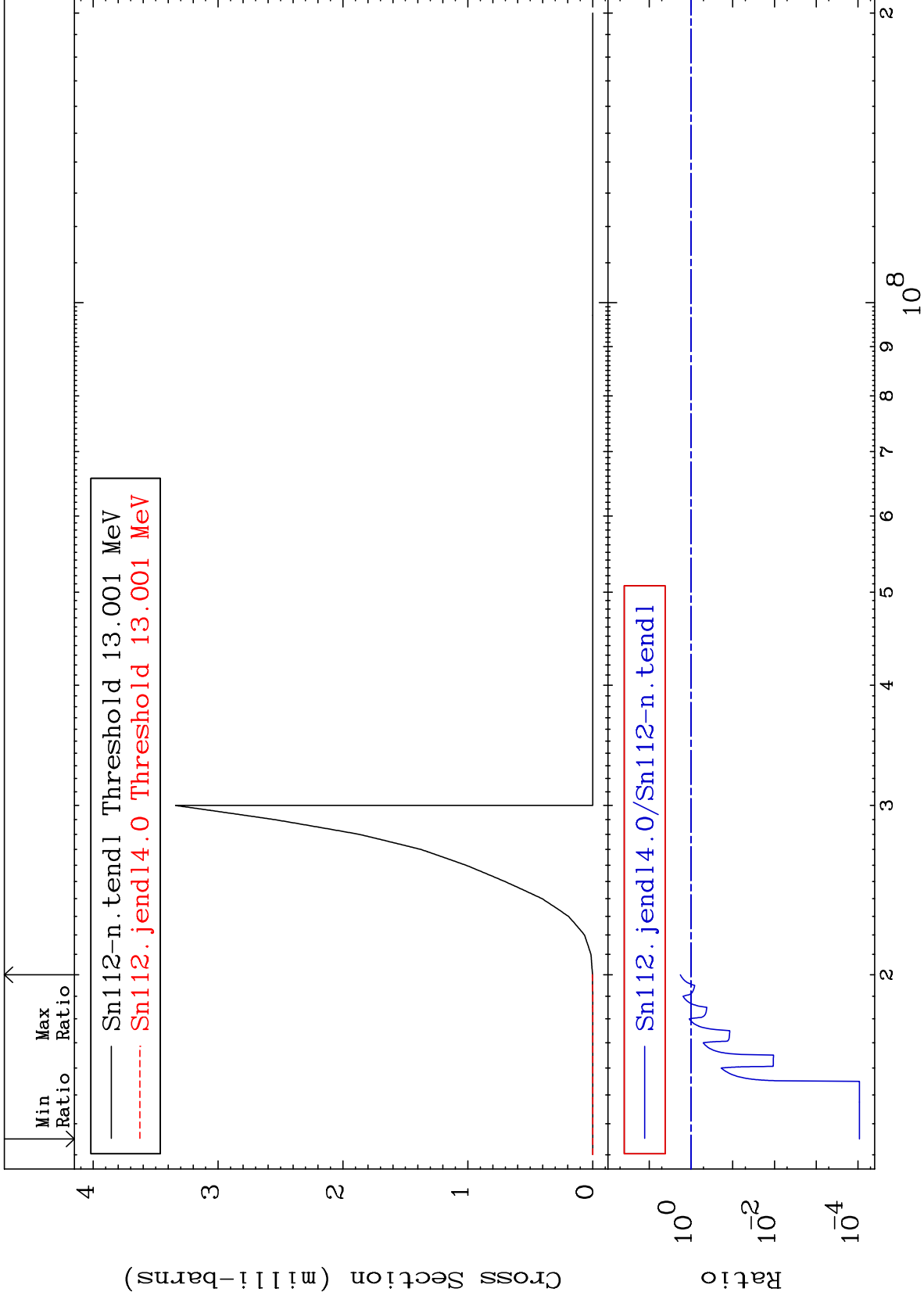
50-Sn-112
-100.0 To 189.5 %



MAT 5025

(n,2n) p
Cross Section

50-Sn-112
-99.99 To 79.24 %



10

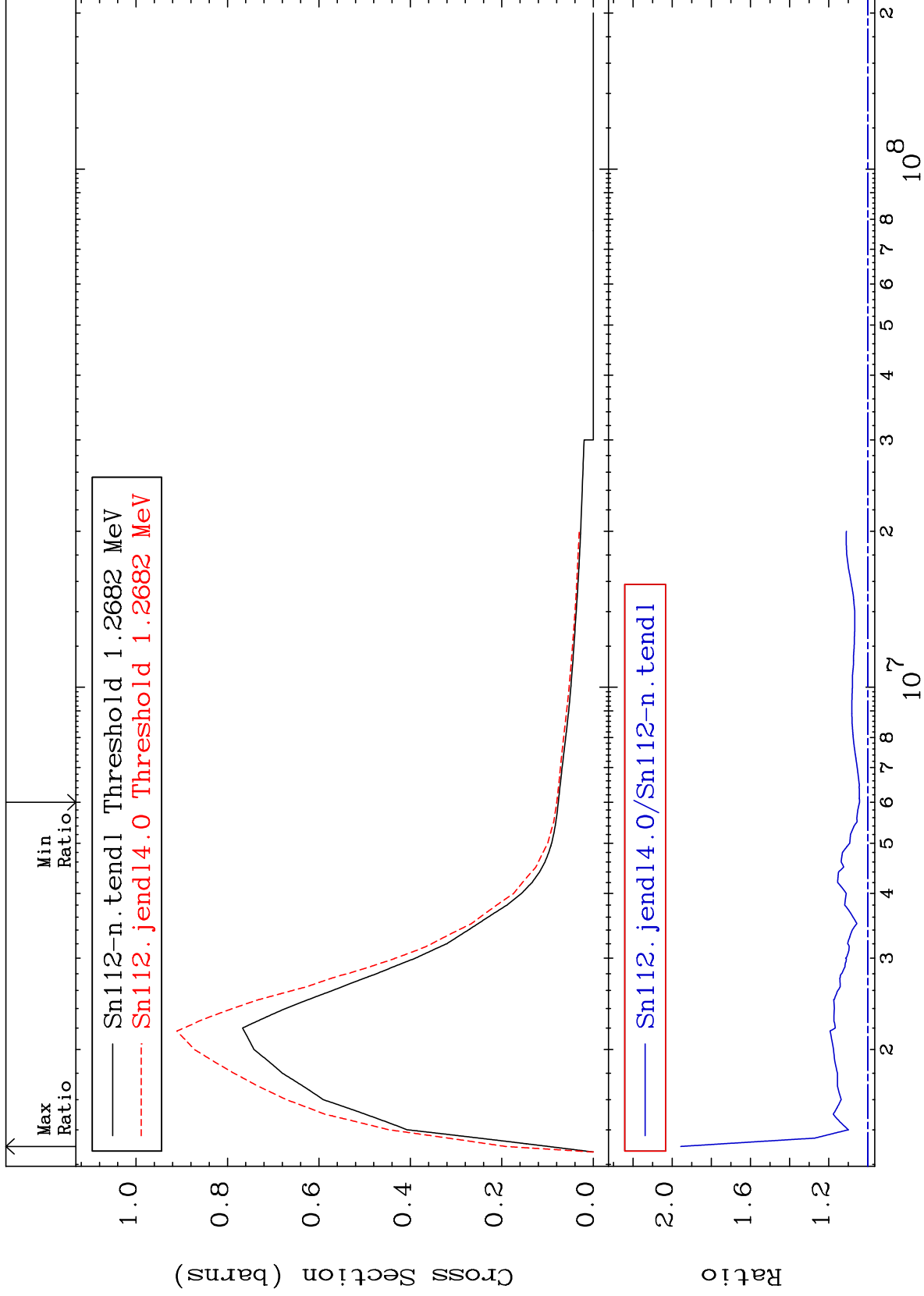
Incident Energy (eV)

50-Sn-112

MAT 5025

1.257 MeV (n,n') Level
Cross Section

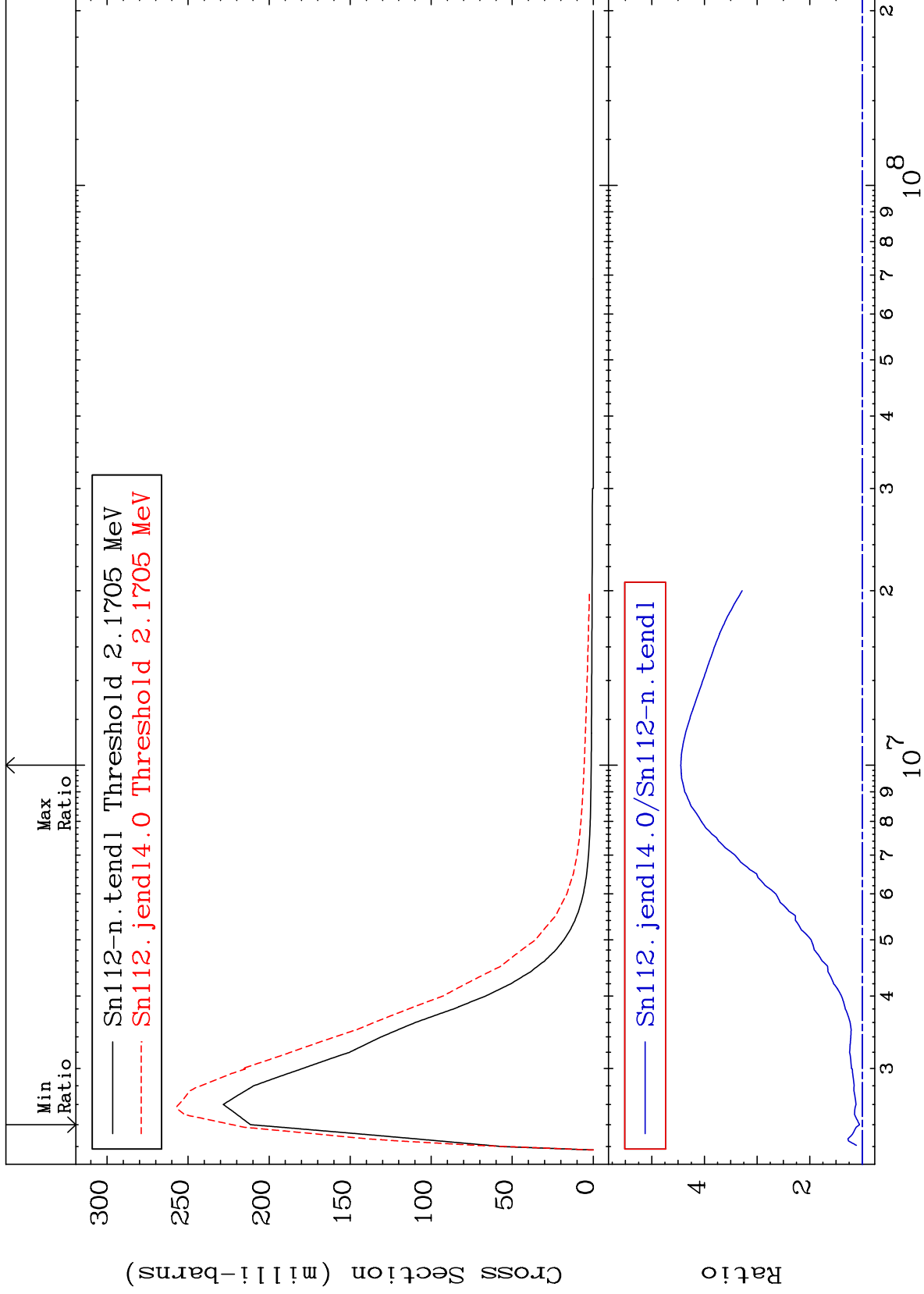
4.275 To 95.66 %
50-Sn-112



MAT 5025

2.151 MeV (n,n') Level
Cross Section

50-Sn-112
To 344.9 %



12

Incident Energy (eV)

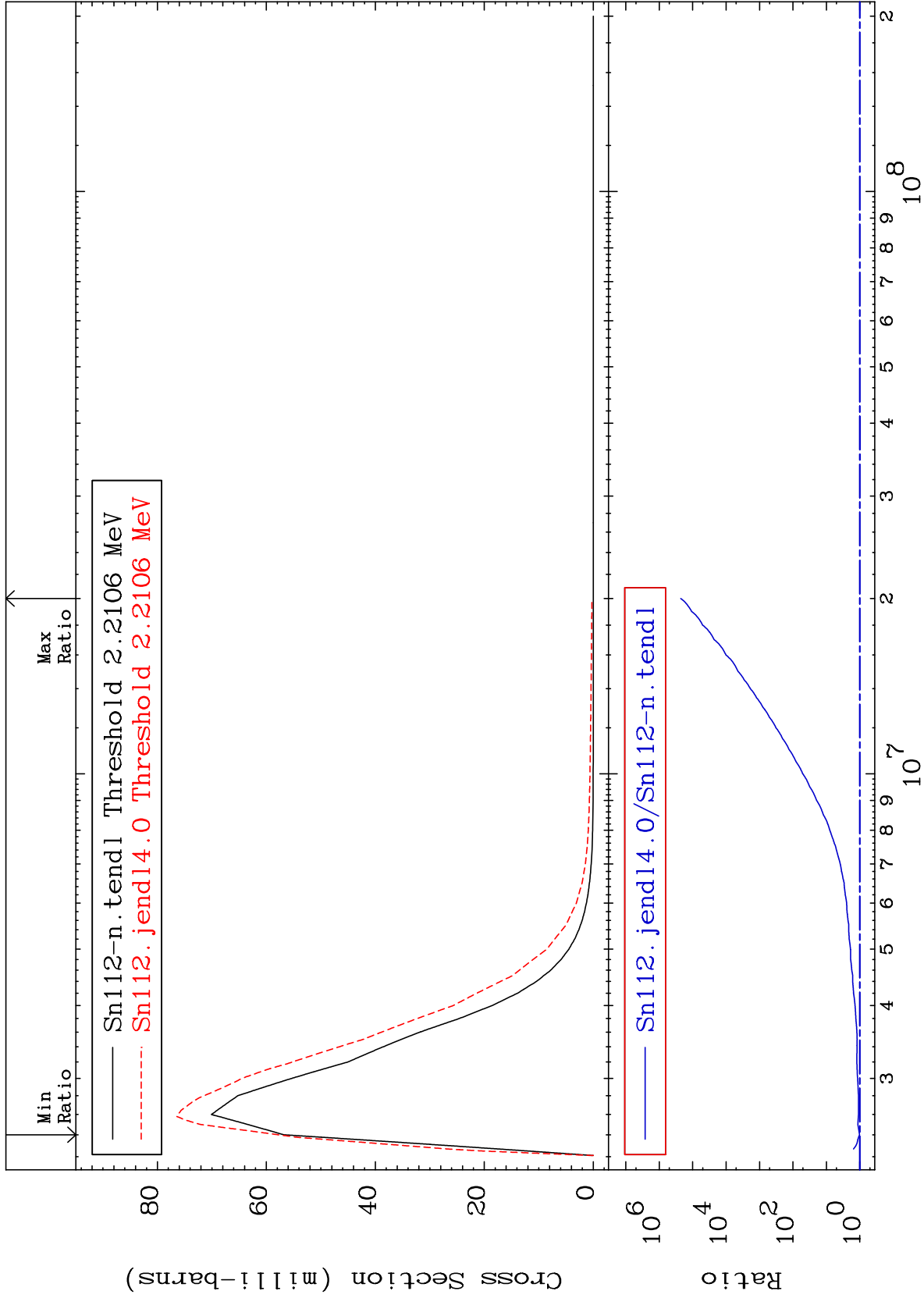
50-Sn-112

MAT 5025

2.191 MeV (n,n') Level

50-Sn-112

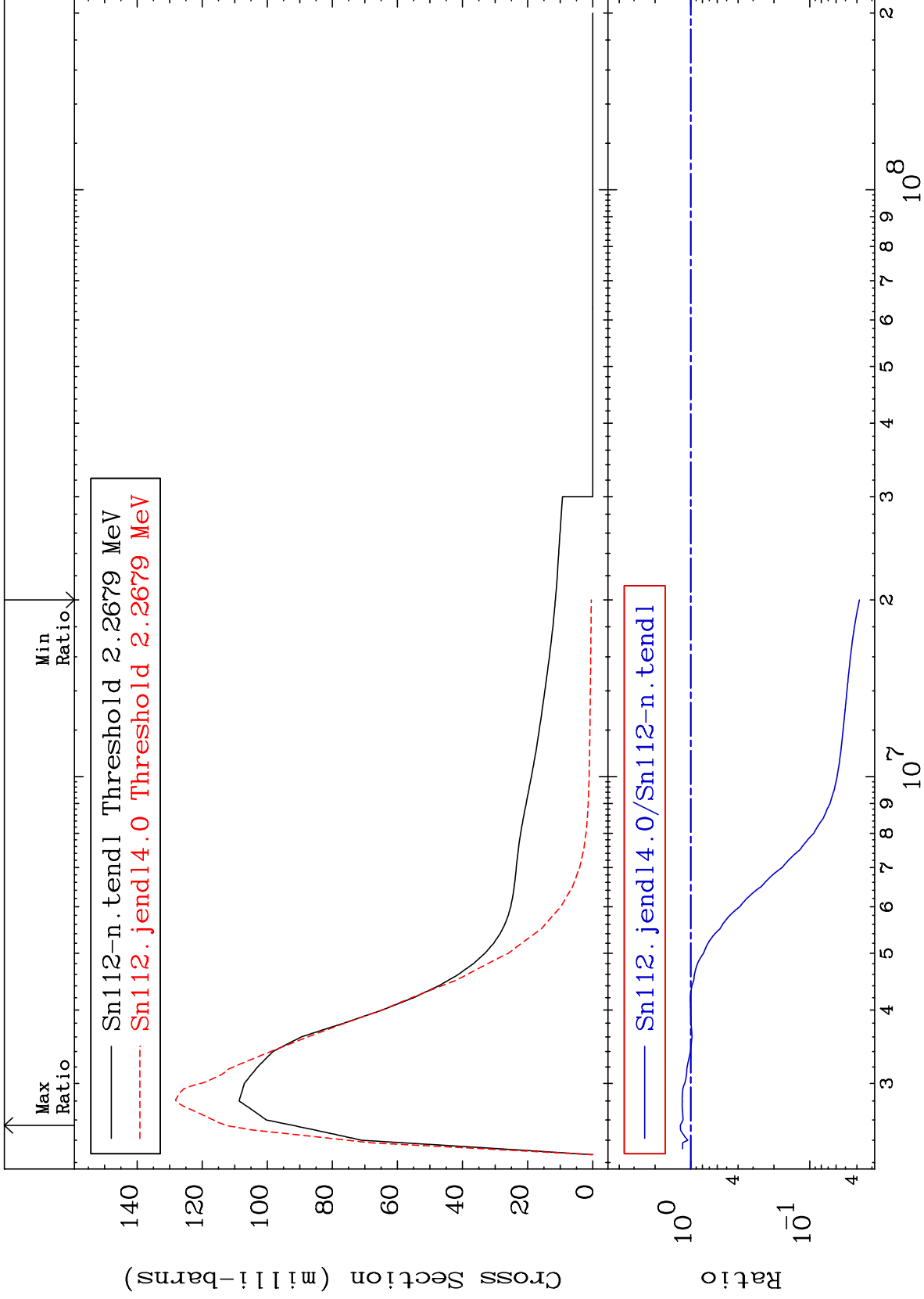
Cross Section
1.745 To 9999. %



MAT 5025

2.248 MeV (n,n') Level
Cross Section

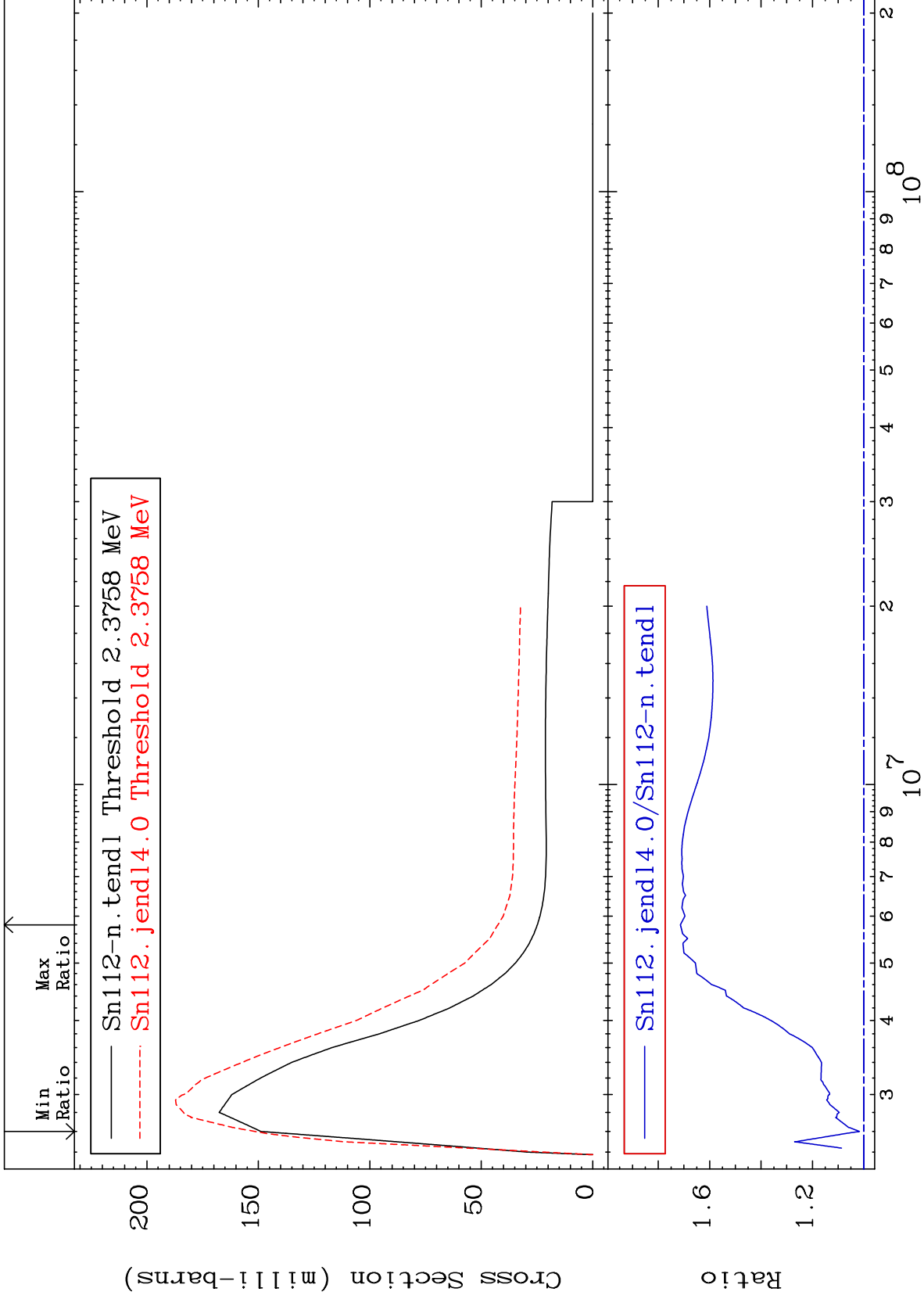
50-Sn-112
-96.18 To 22.47 %



MAT 5025

2.355 MeV (n,n') Level
Cross Section

50-Sn-112
To 71.39 %



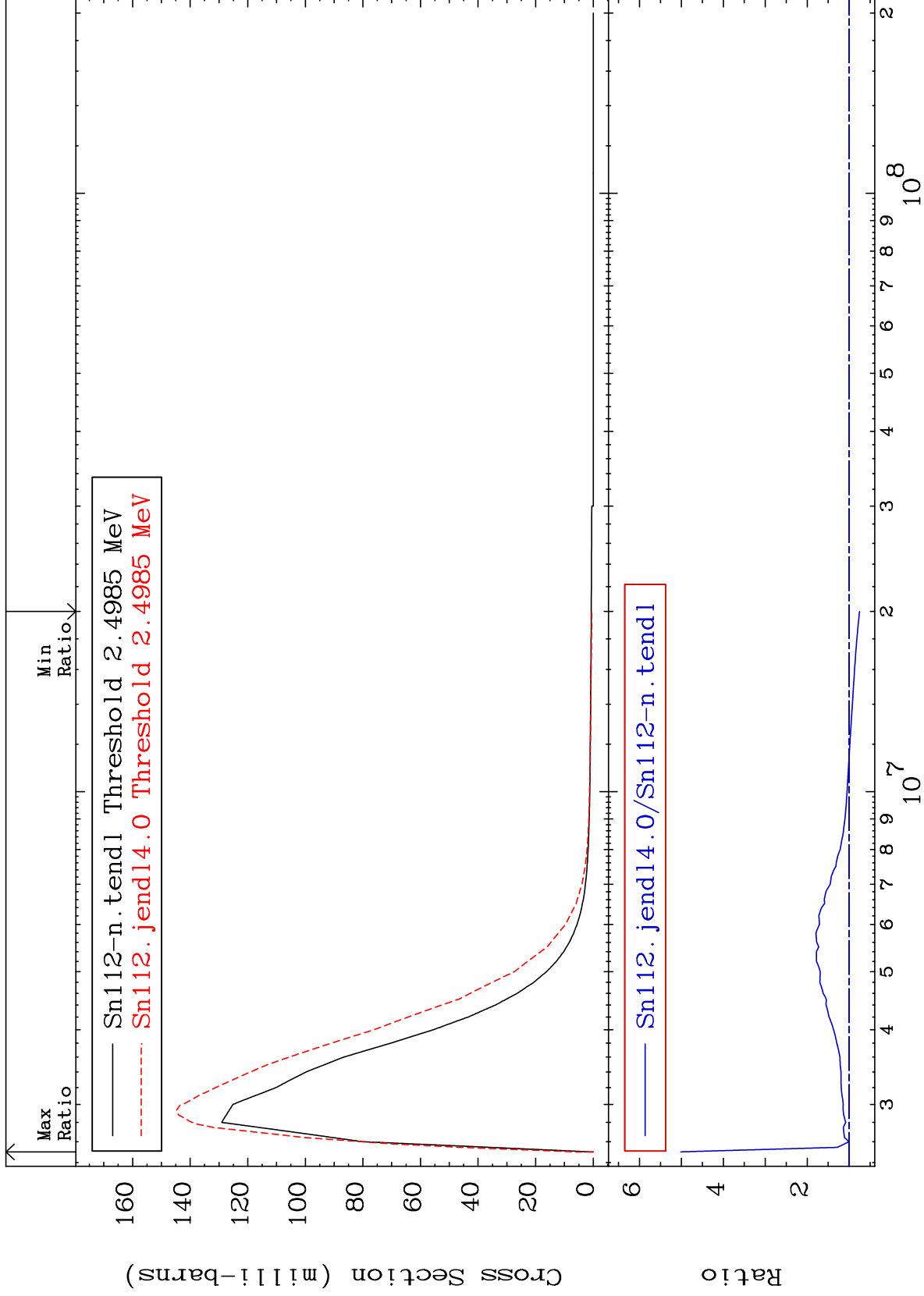
15

50-Sn-112

MAT 5025

2.476 MeV (n,n') Level
Cross Section

50-Sn-112
-24.90 To 401.6 %

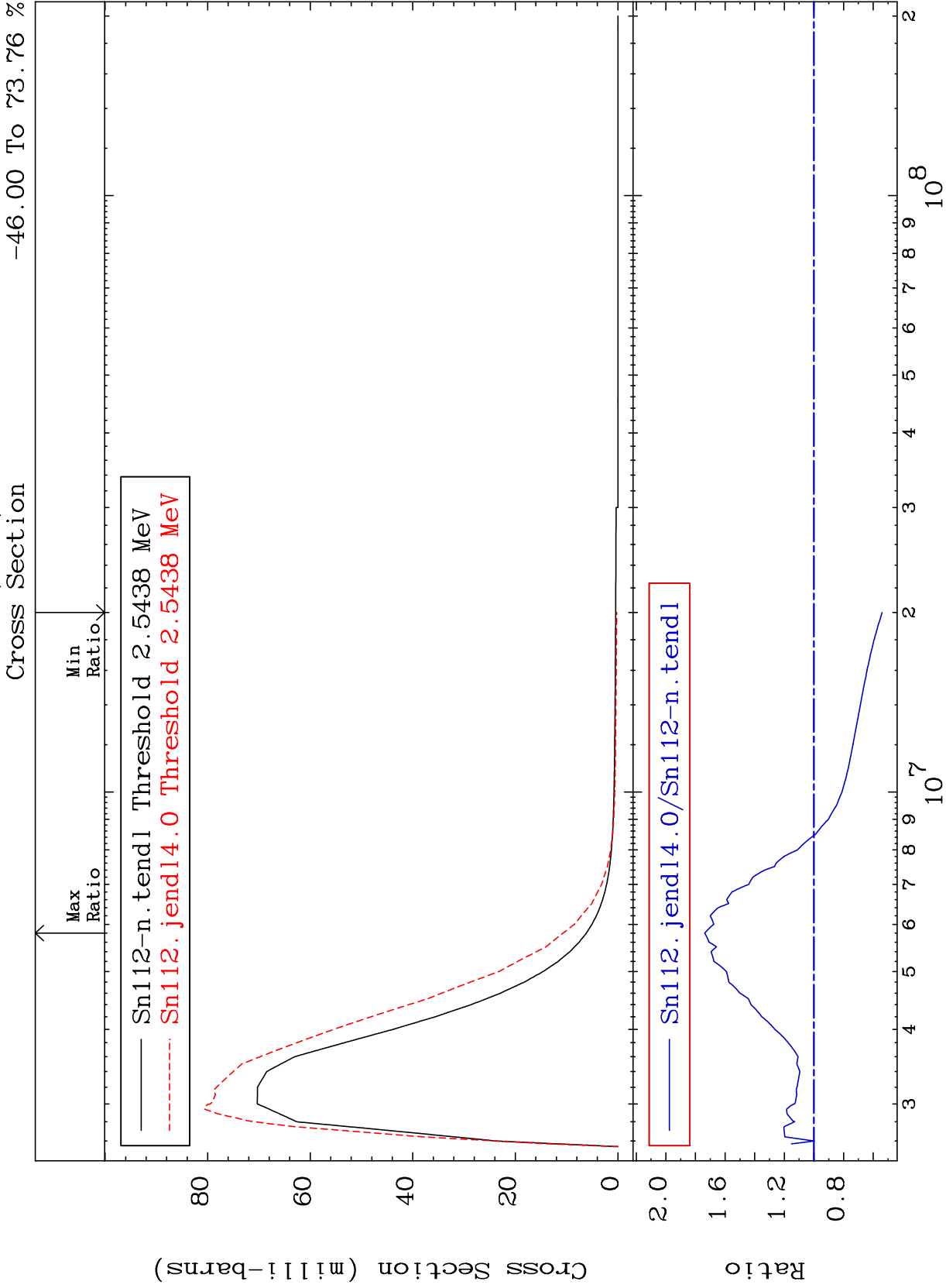


MAT 5025

2.521 MeV (n,n') Level

50-Sn-112

-46.00 To 73.76 %



17

Incident Energy (eV)

50-Sn-112

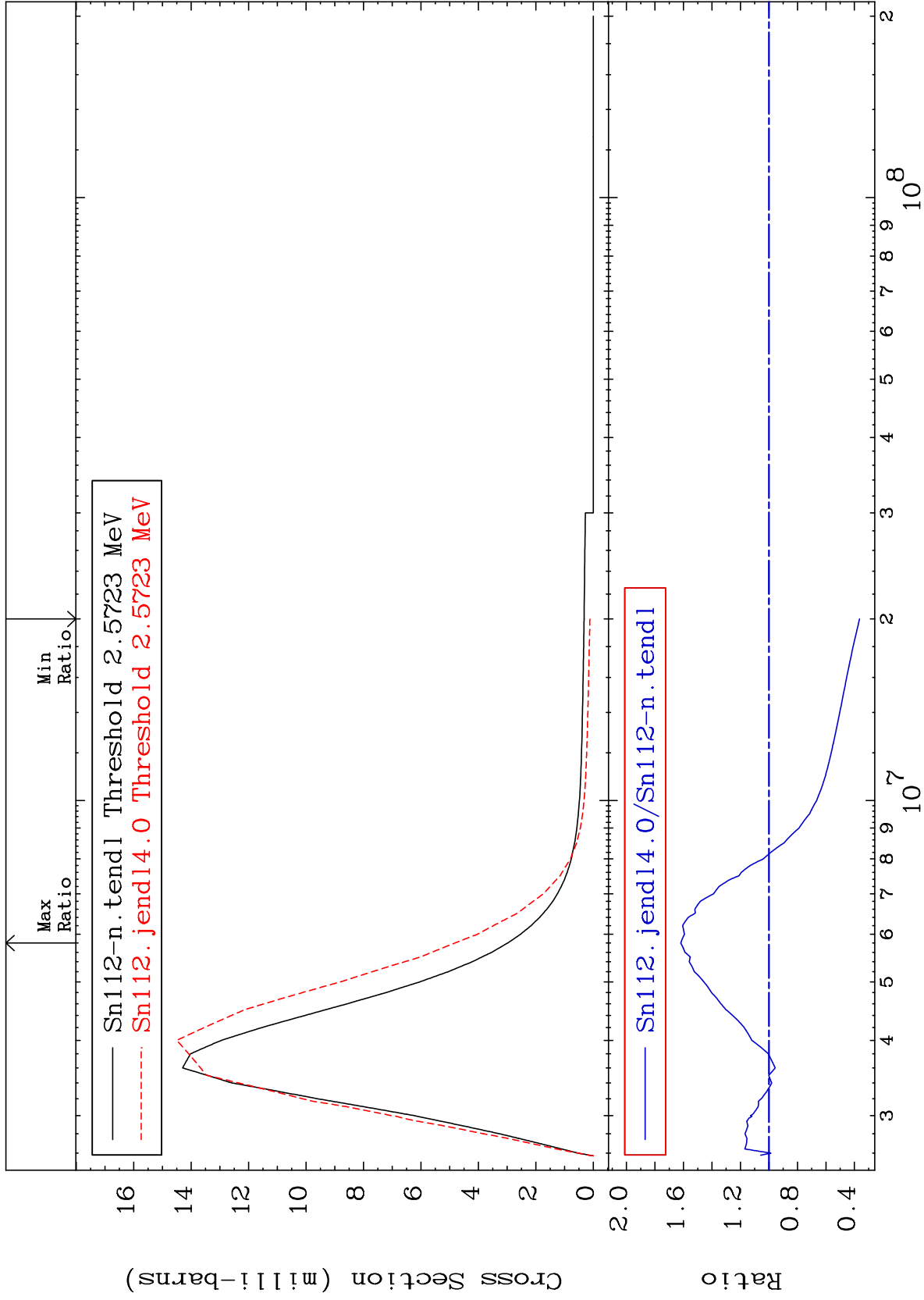
MAT 5025

2.549 MeV (n,n') Level

50-Sn-112

-63.59 To 61.89 %

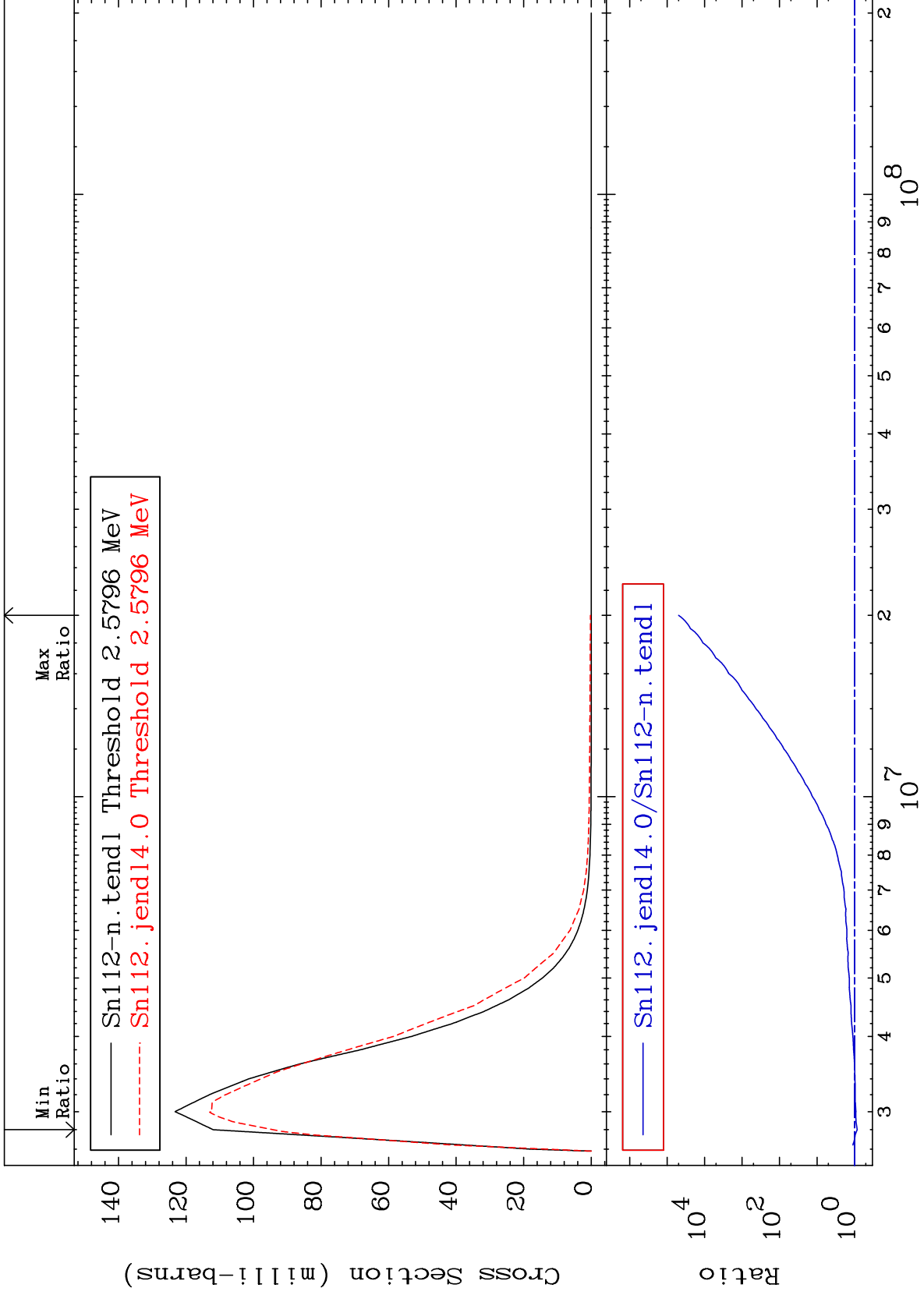
Cross Section



MAT 5025

2.557 MeV (n,n') Level
Cross Section

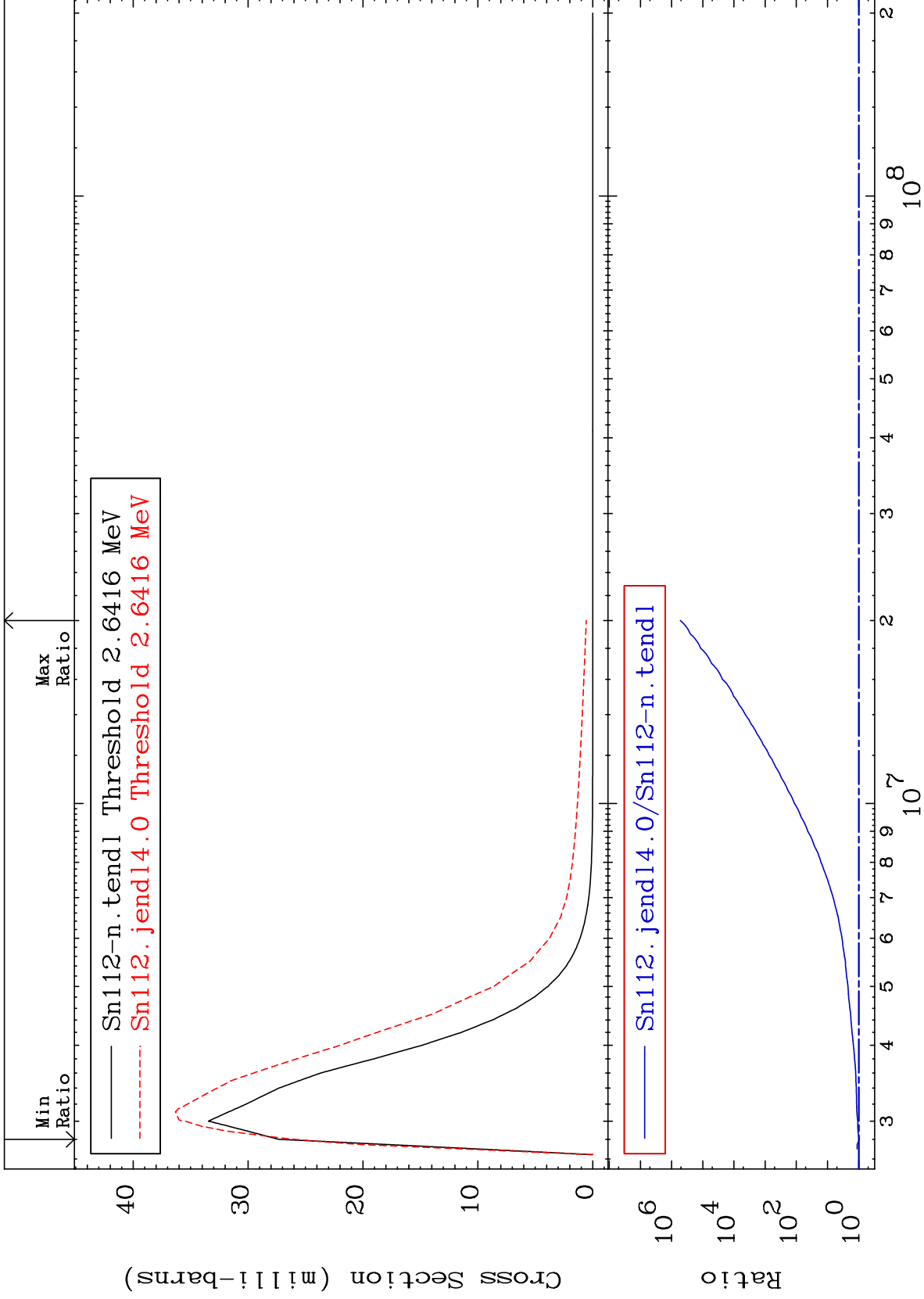
50-Sn-112
-15.83 To 9999. %



MAT 5025

2.618 MeV (n,n') Level
Cross Section

50-Sn-112
-5.161 To 9999. %



20

Incident Energy (eV)

50-Sn-112

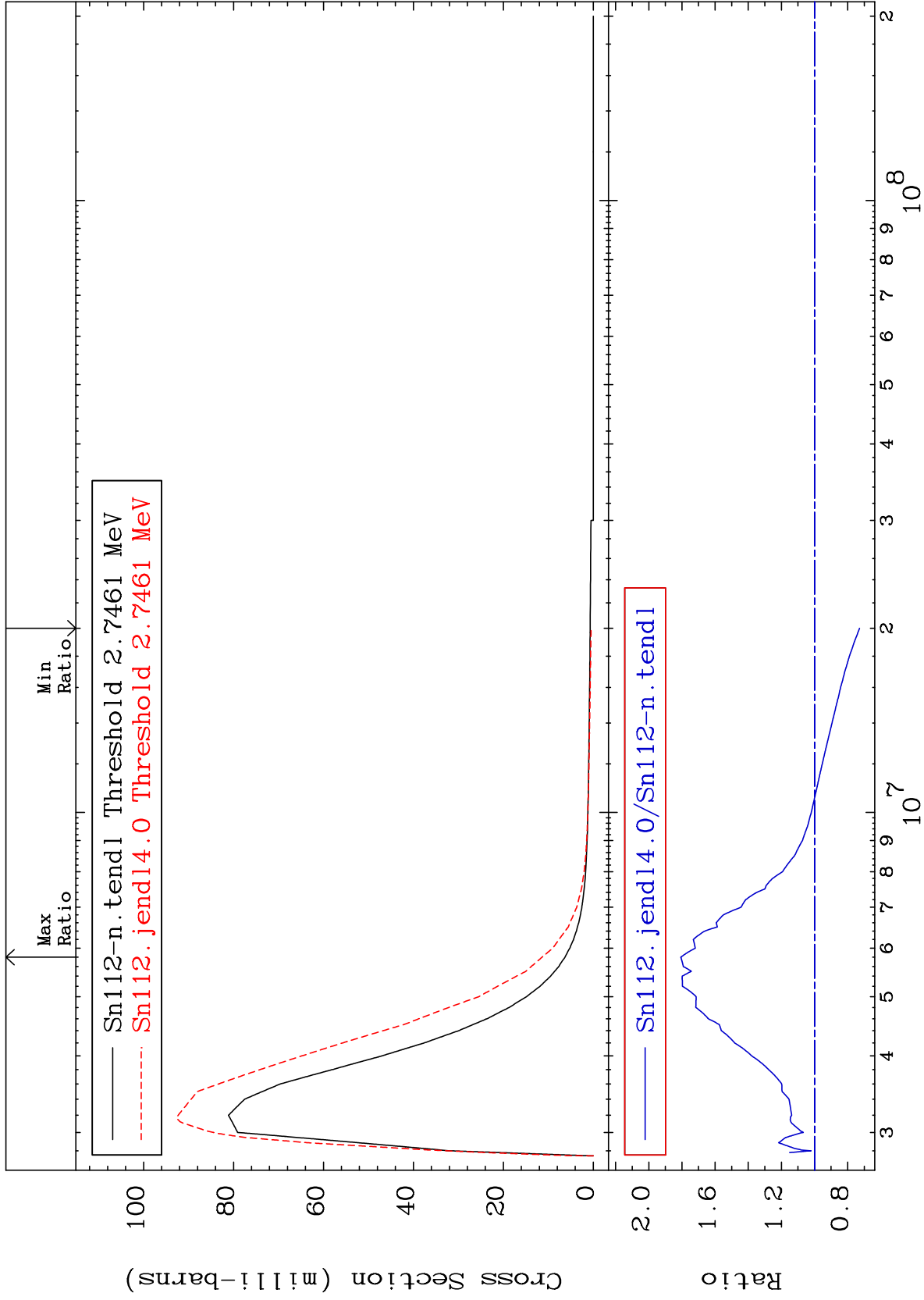
MAT 5025

2.722 MeV (n,n') Level

50-Sn-112

-27.16 To 80.71 %

Cross Section



21

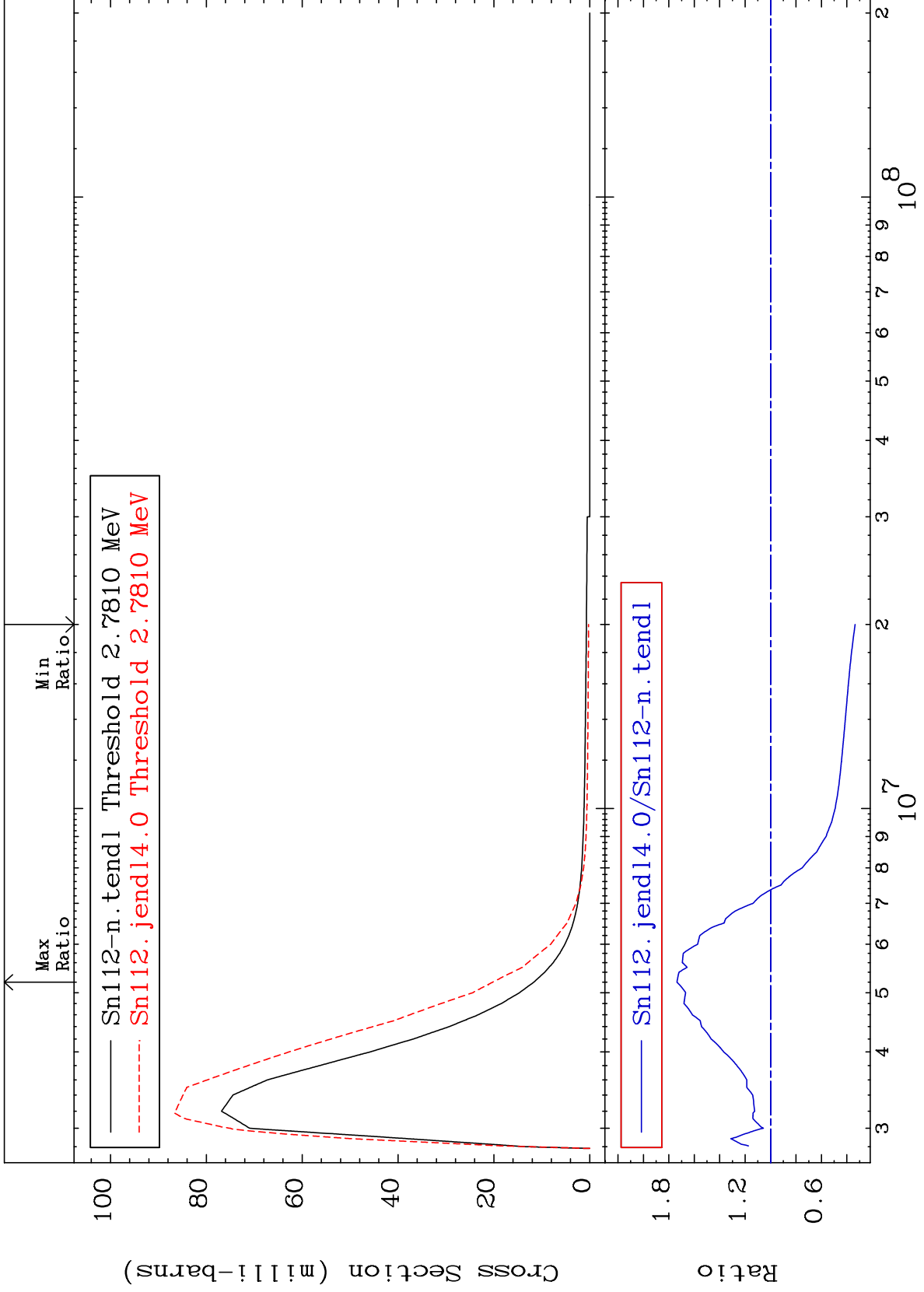
Incident Energy (eV)

50-Sn-112

MAT 5025

2.756 MeV (n,n') Level
Cross Section

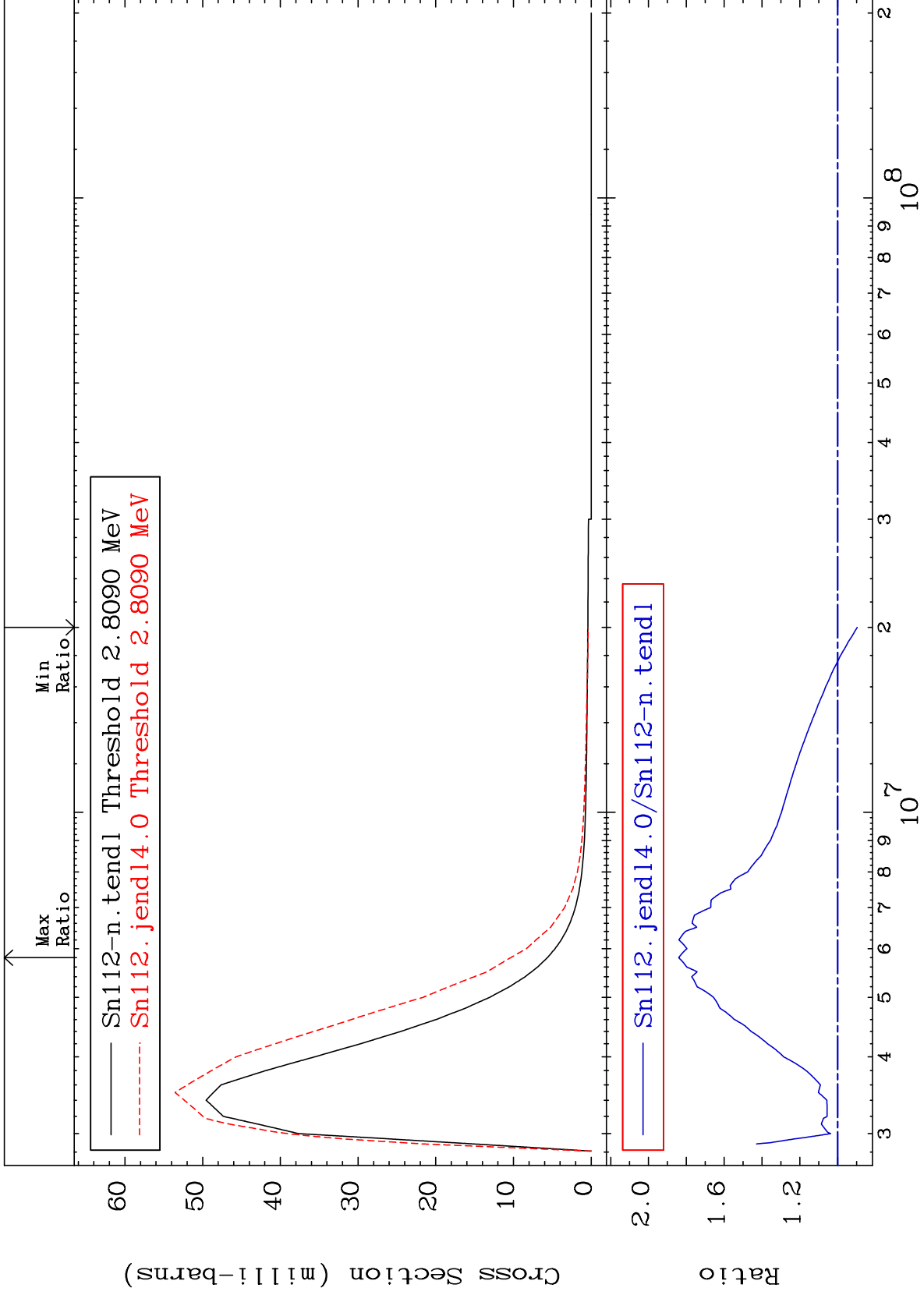
50-Sn-112
-66.46 To 73.63 %



MAT 5025

2.784 MeV (n,n') Level
Cross Section

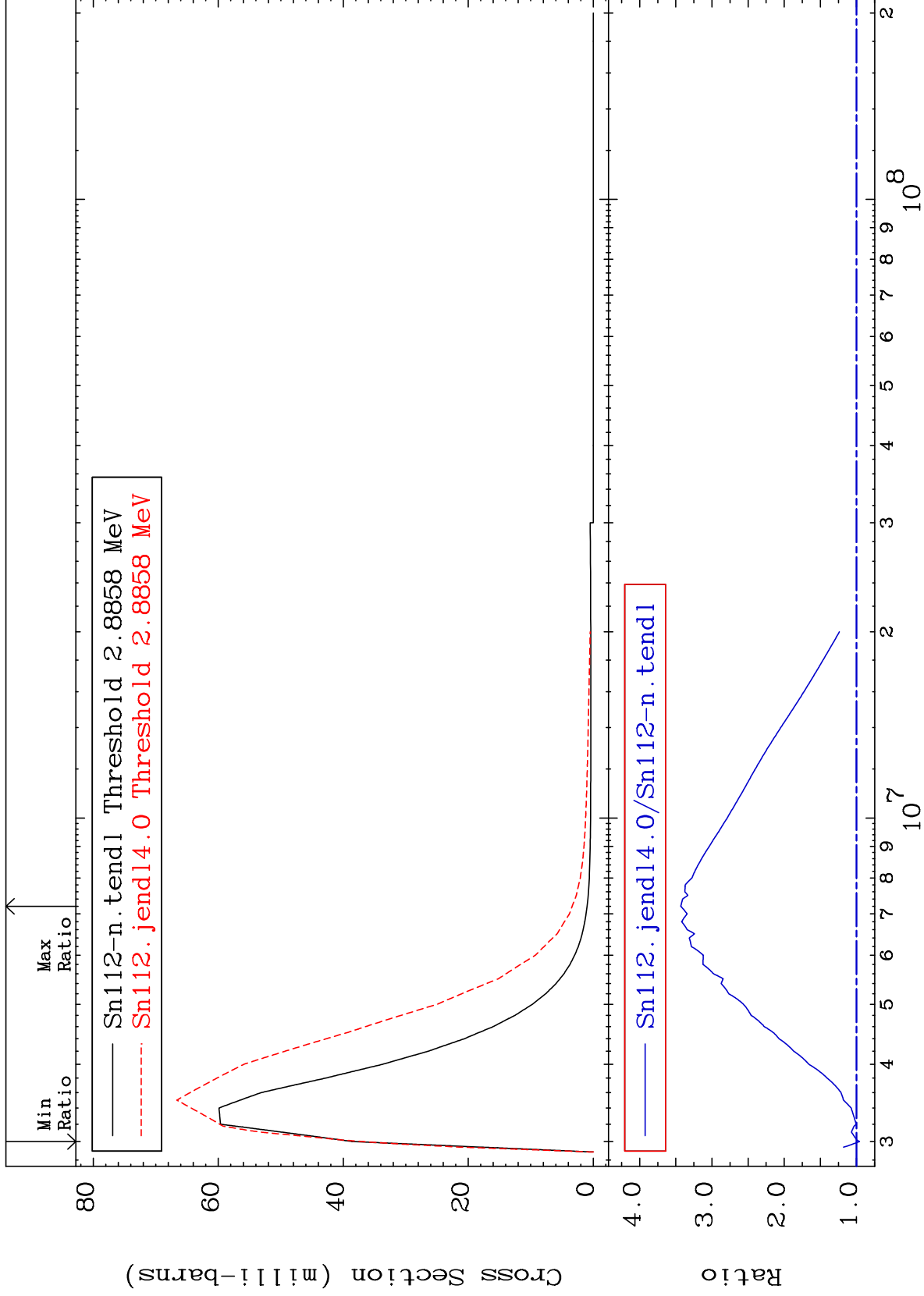
50-Sn-112
-10.38 To 84.07 %



MAT 5025

2.860 MeV (n,n') Level
Cross Section

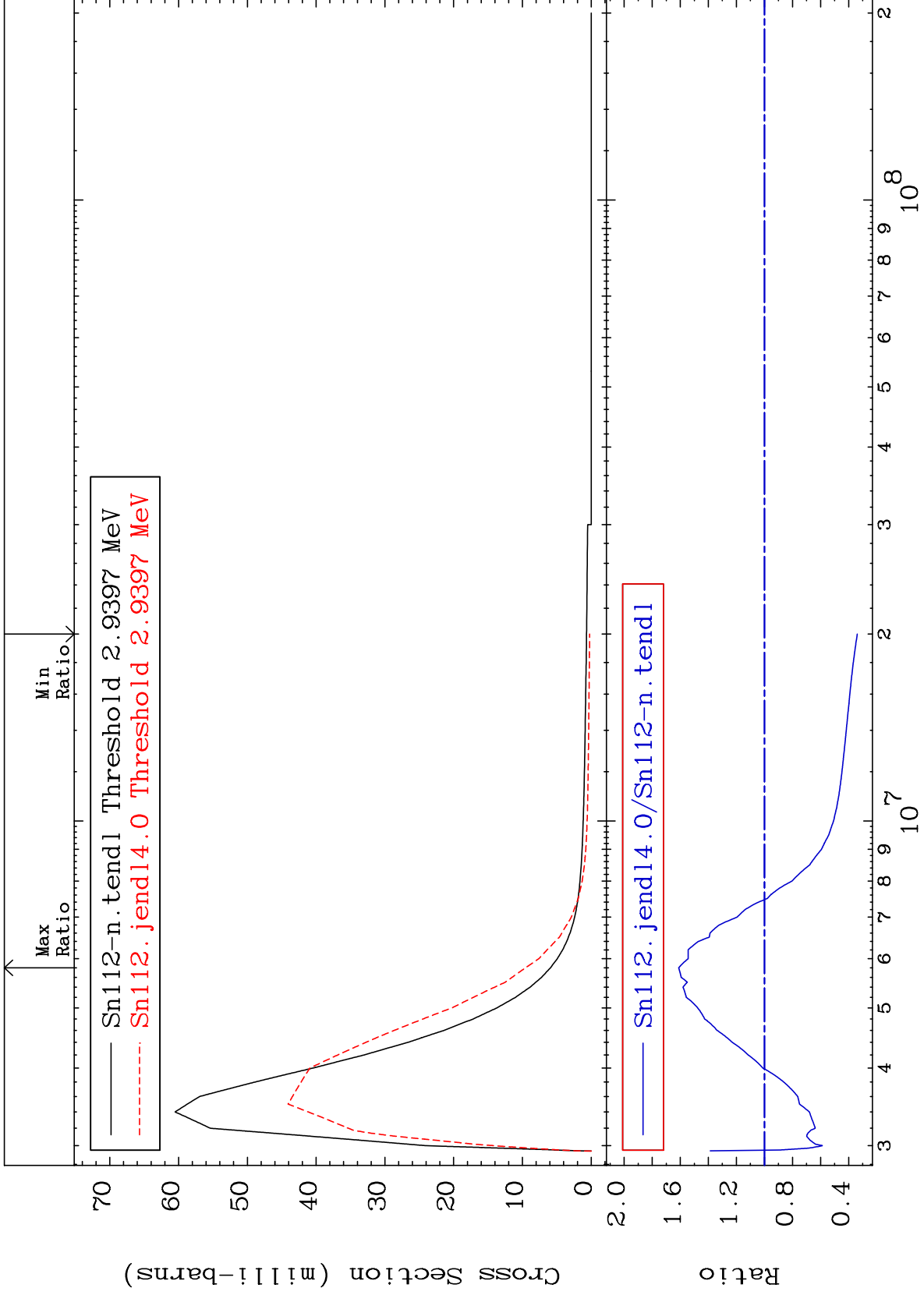
50-Sn-112
-4.191 To 243.2 %



MAT 5025

2.913 MeV (n,n') Level
Cross Section

50-Sn-112
-66.10 To 61.16 %



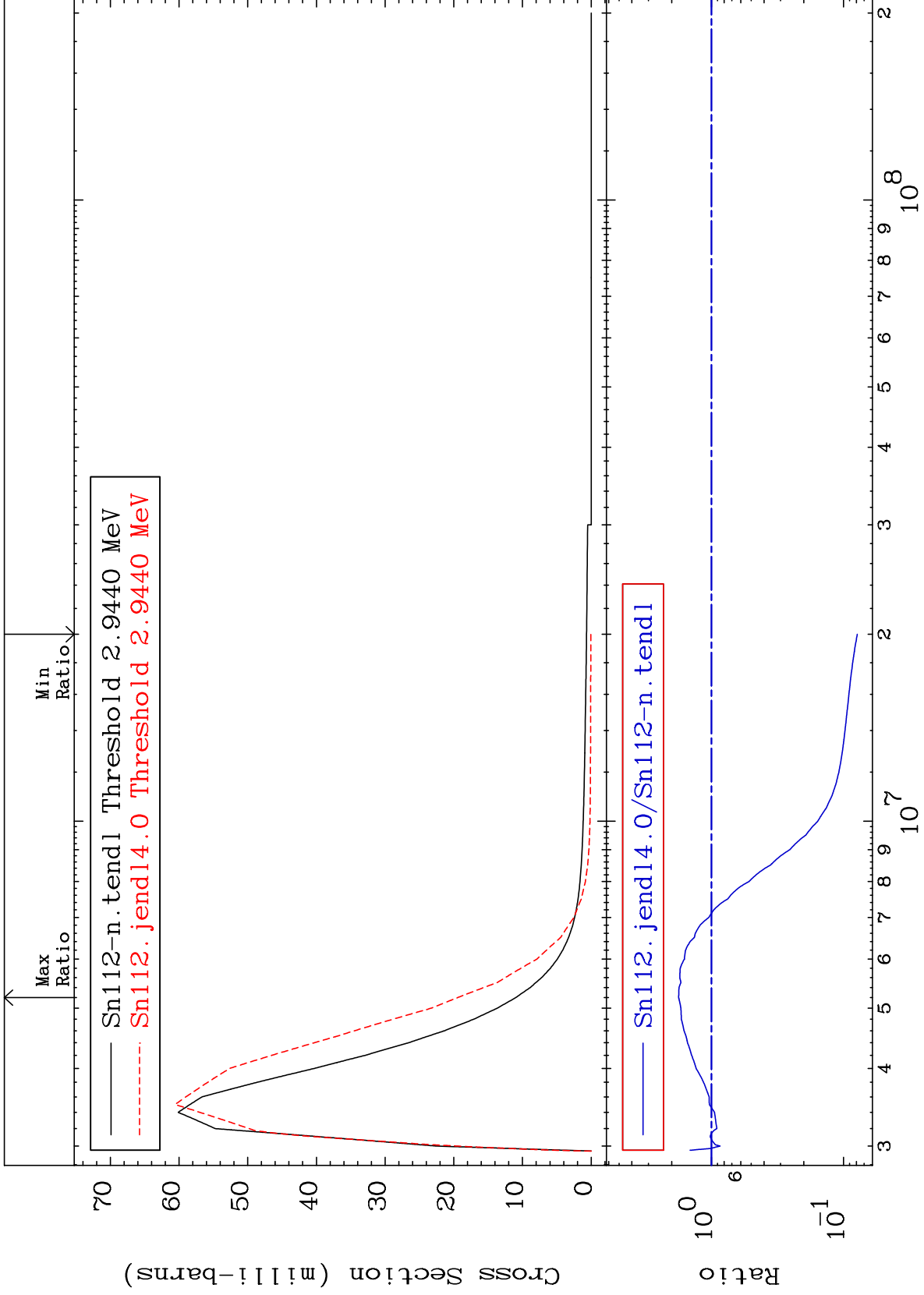
25

50-Sn-112

MAT 5025

2.918 MeV (n,n') Level
Cross Section

50-Sn-112
-92.12 To 77.07 %



26

Incident Energy (eV)

50-Sn-112

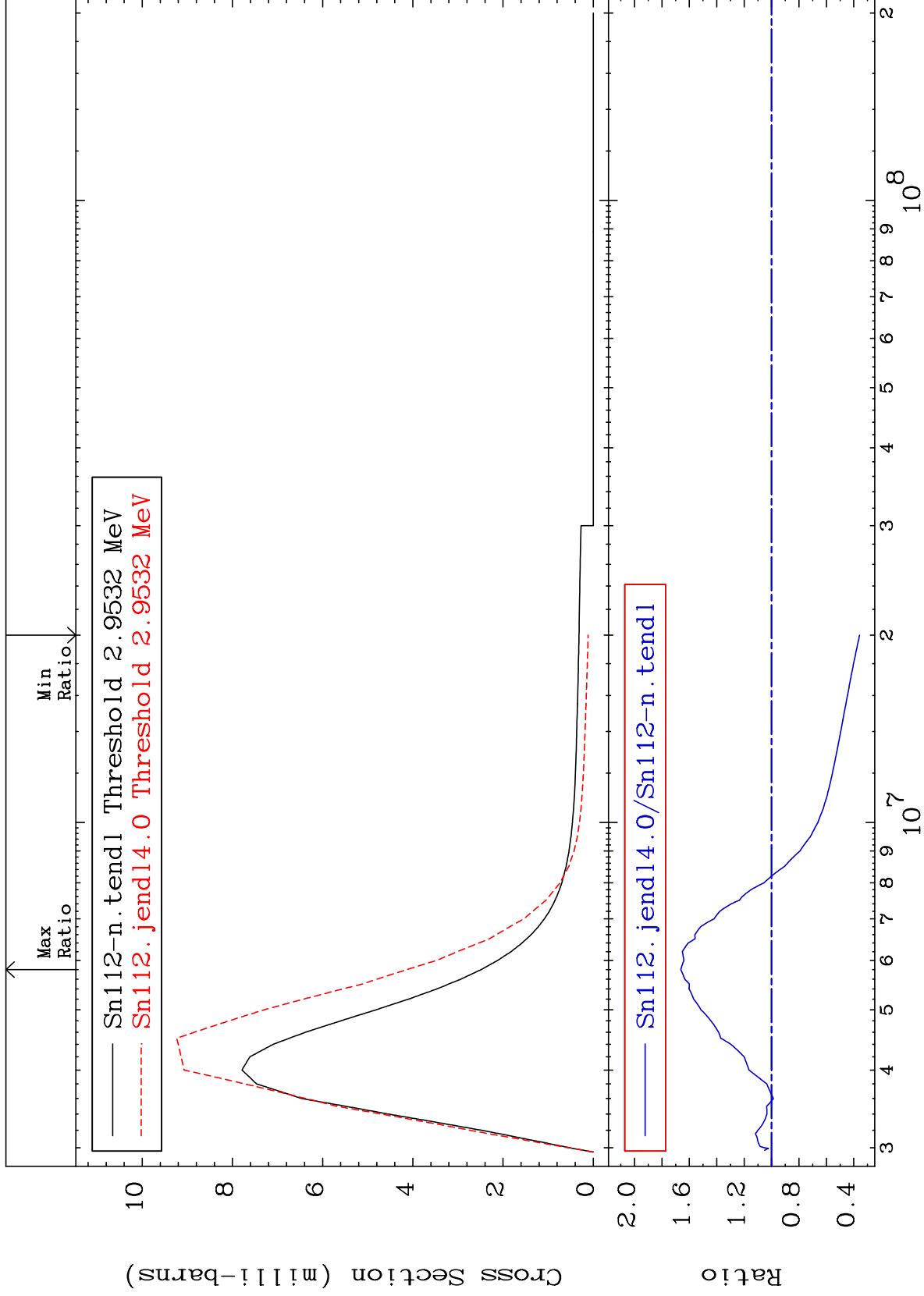
MAT 5025

2.927 MeV (n,n') Level

50-Sn-112

-64.21 To 66.25 %

Cross Section



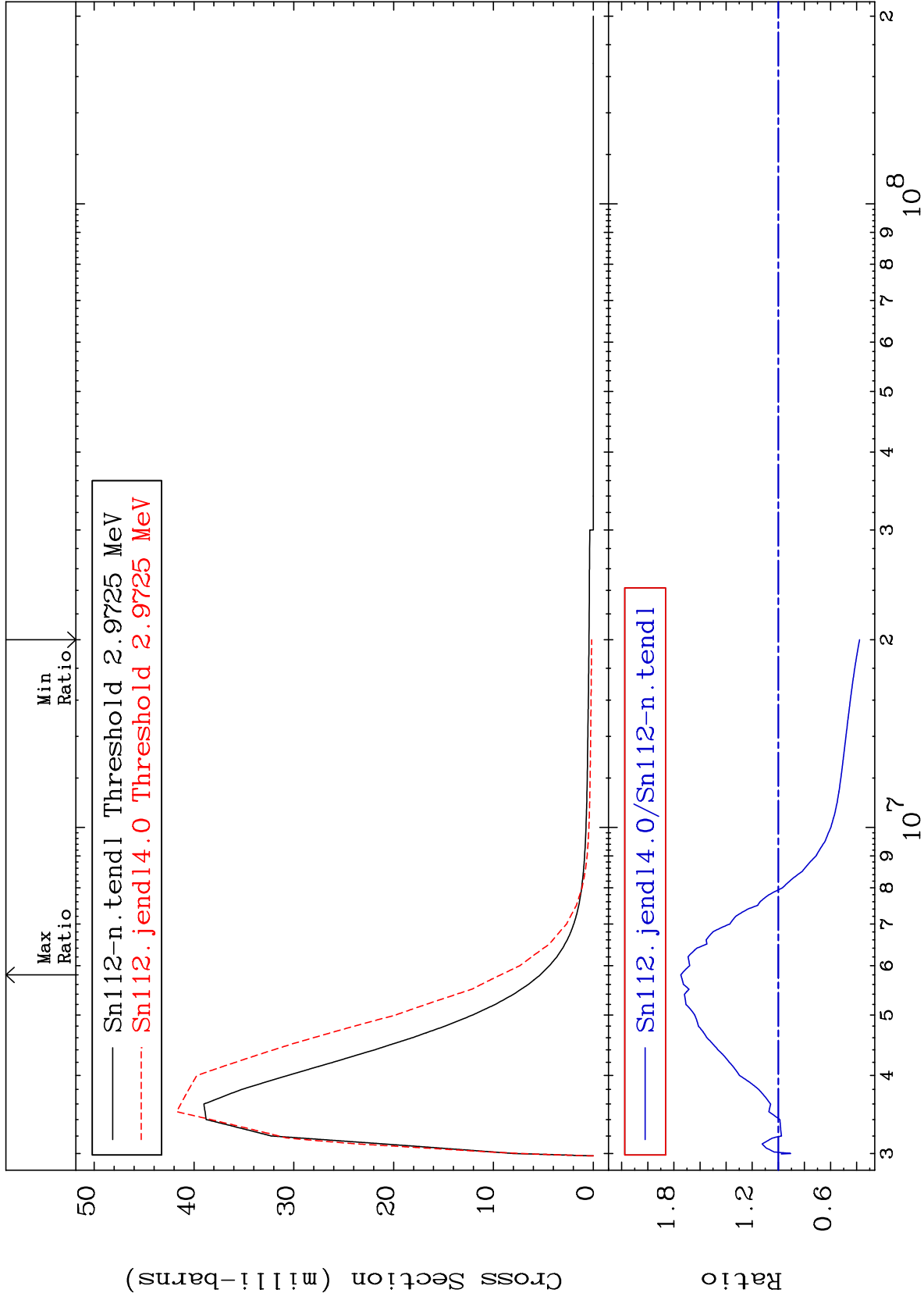
MAT 5025

2.946 MeV (n,n') Level

50-Sn-112

-62.19 To 74.72 %

Cross Section



28

Incident Energy (eV)

50-Sn-112

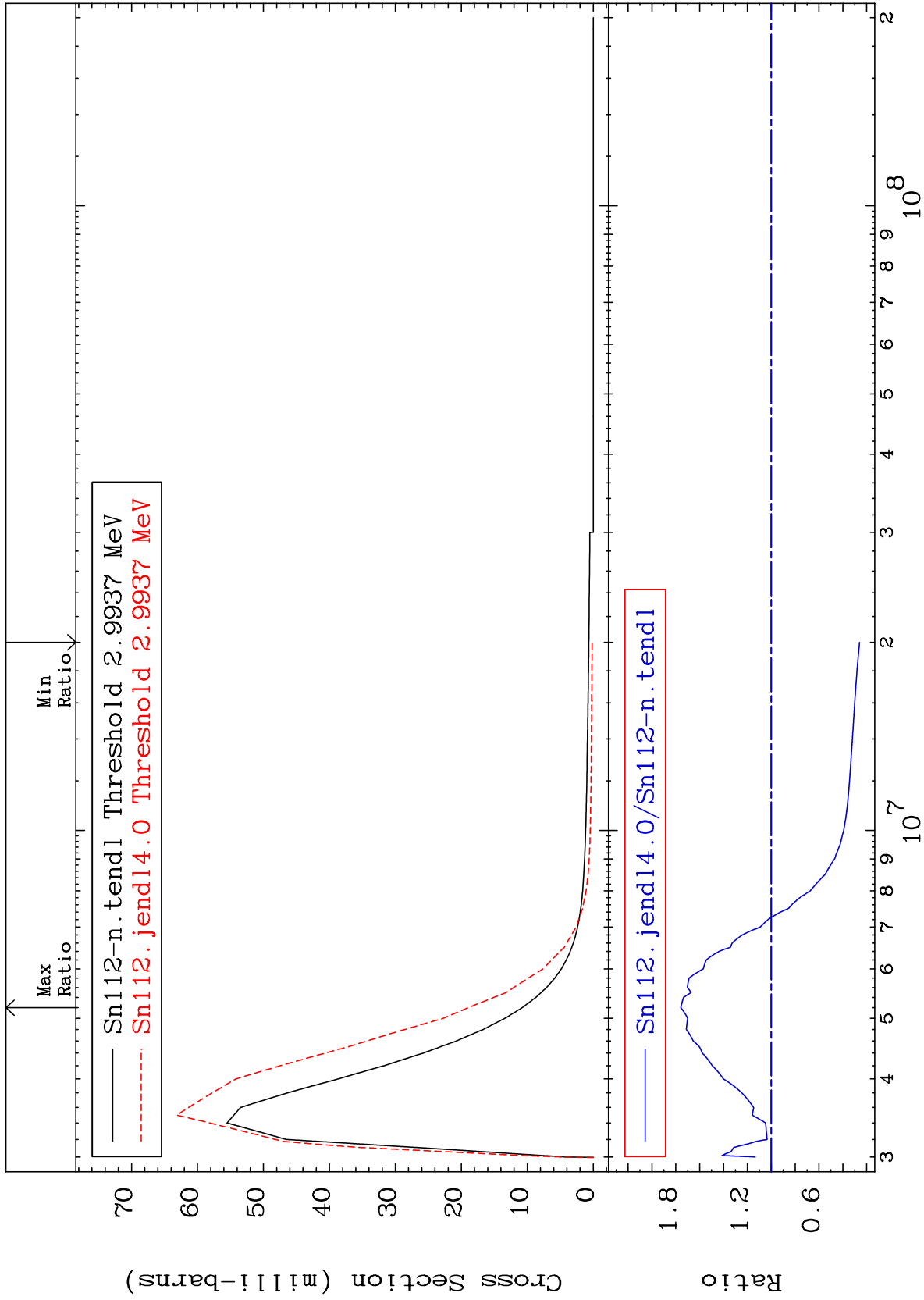
MAT 5025

2.967 MeV (n,n') Level

50-Sn-112

-73.99 To 75.84 %

Cross Section



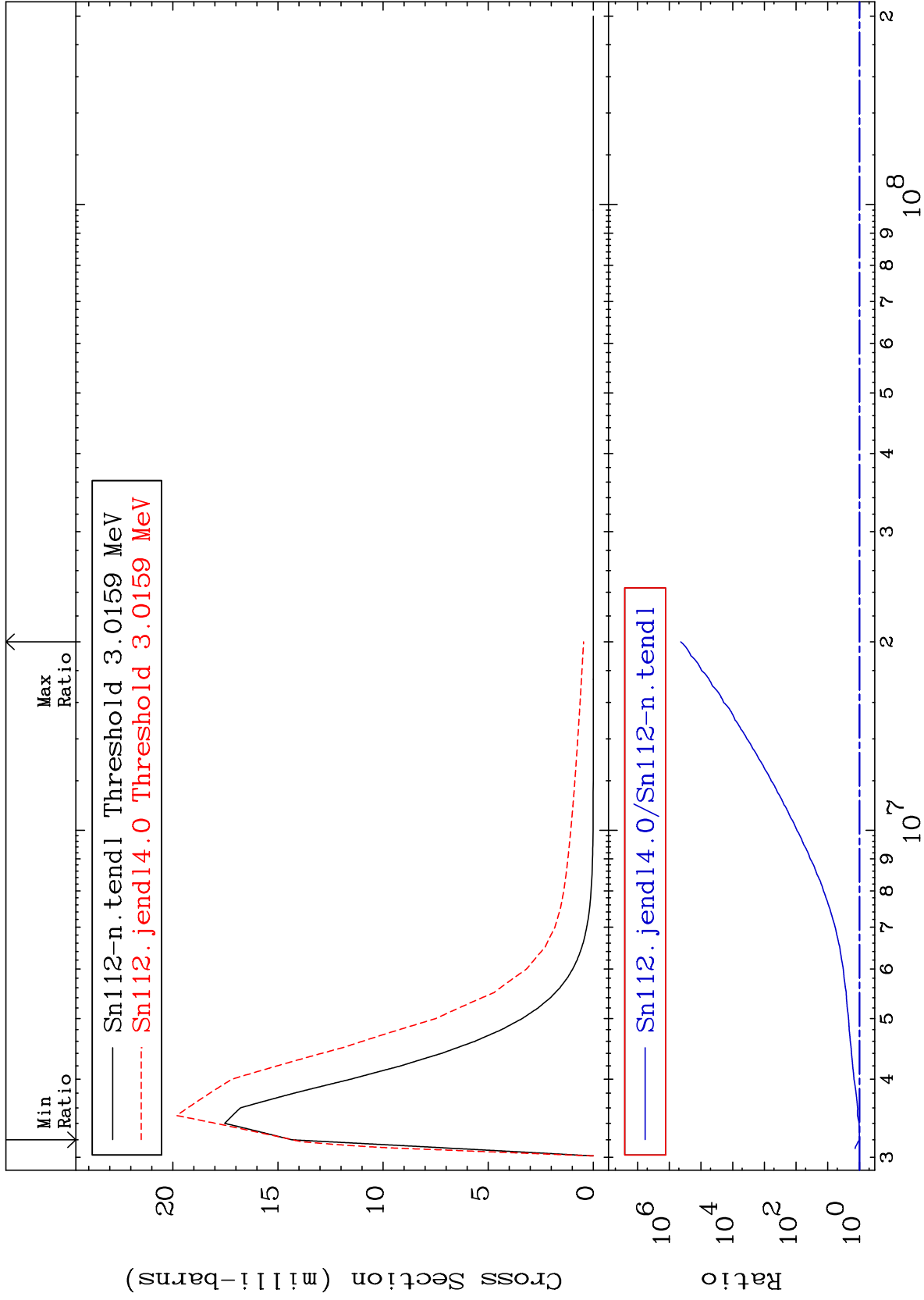
MAT 5025

2.989 MeV (n,n') Level

50-Sn-112

-0.362 To 9999. %

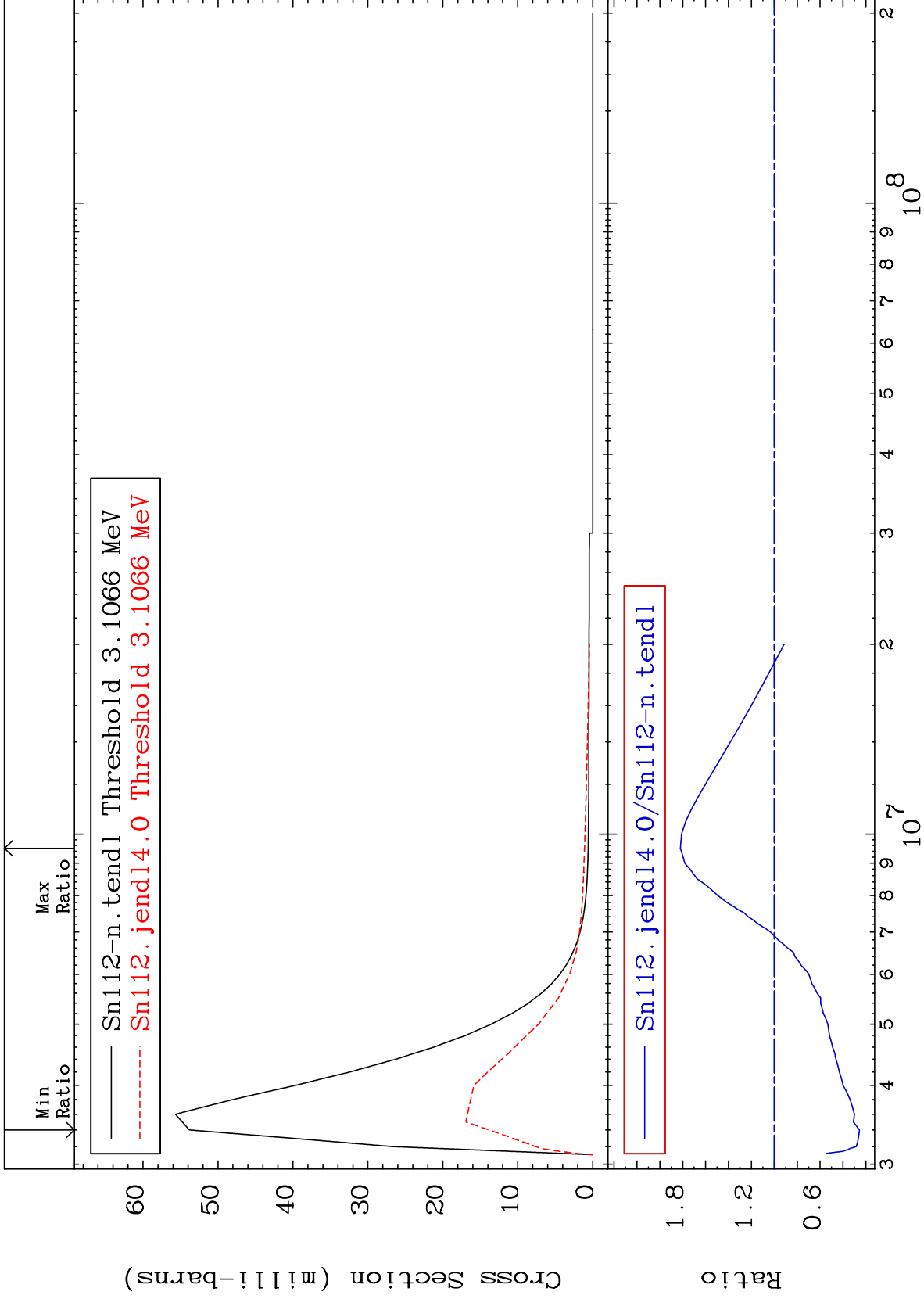
Cross Section



30

Incident Energy (eV)

50-Sn-112



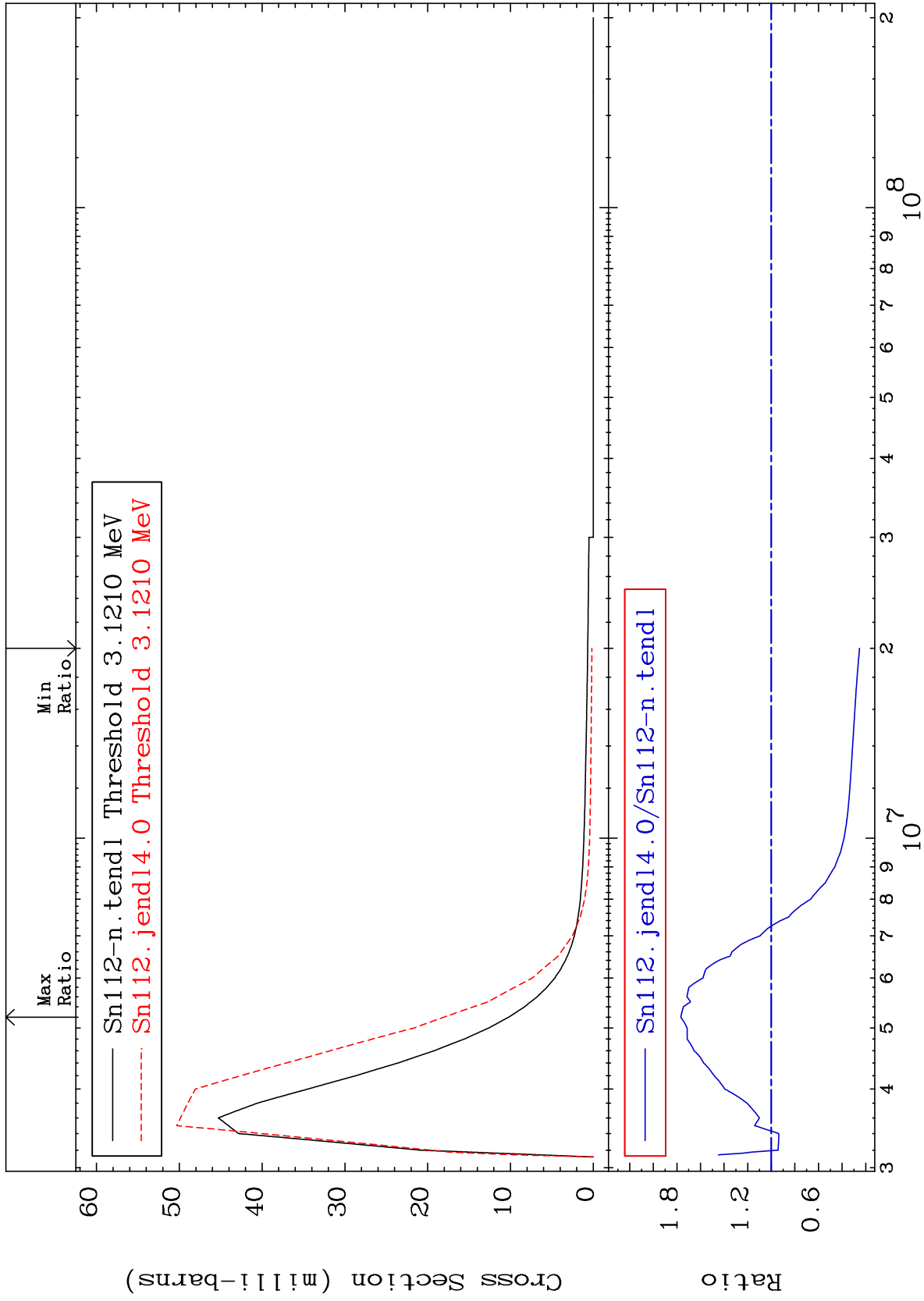
MAT 5025

3.093 MeV (n,n') Level

50-Sn-112

-74.79 To 76.74 %

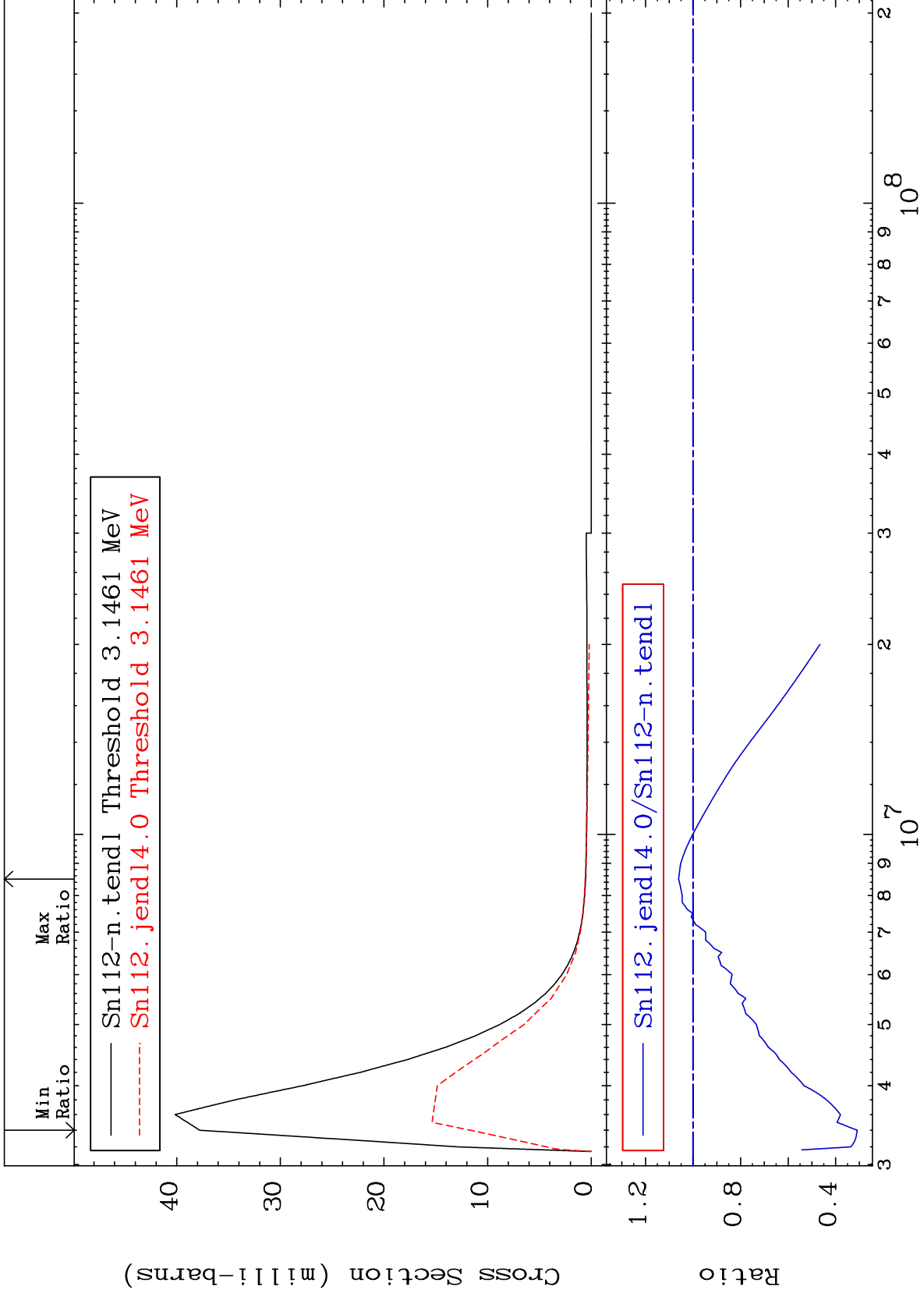
Cross Section



32

Incident Energy (eV)

50-Sn-112



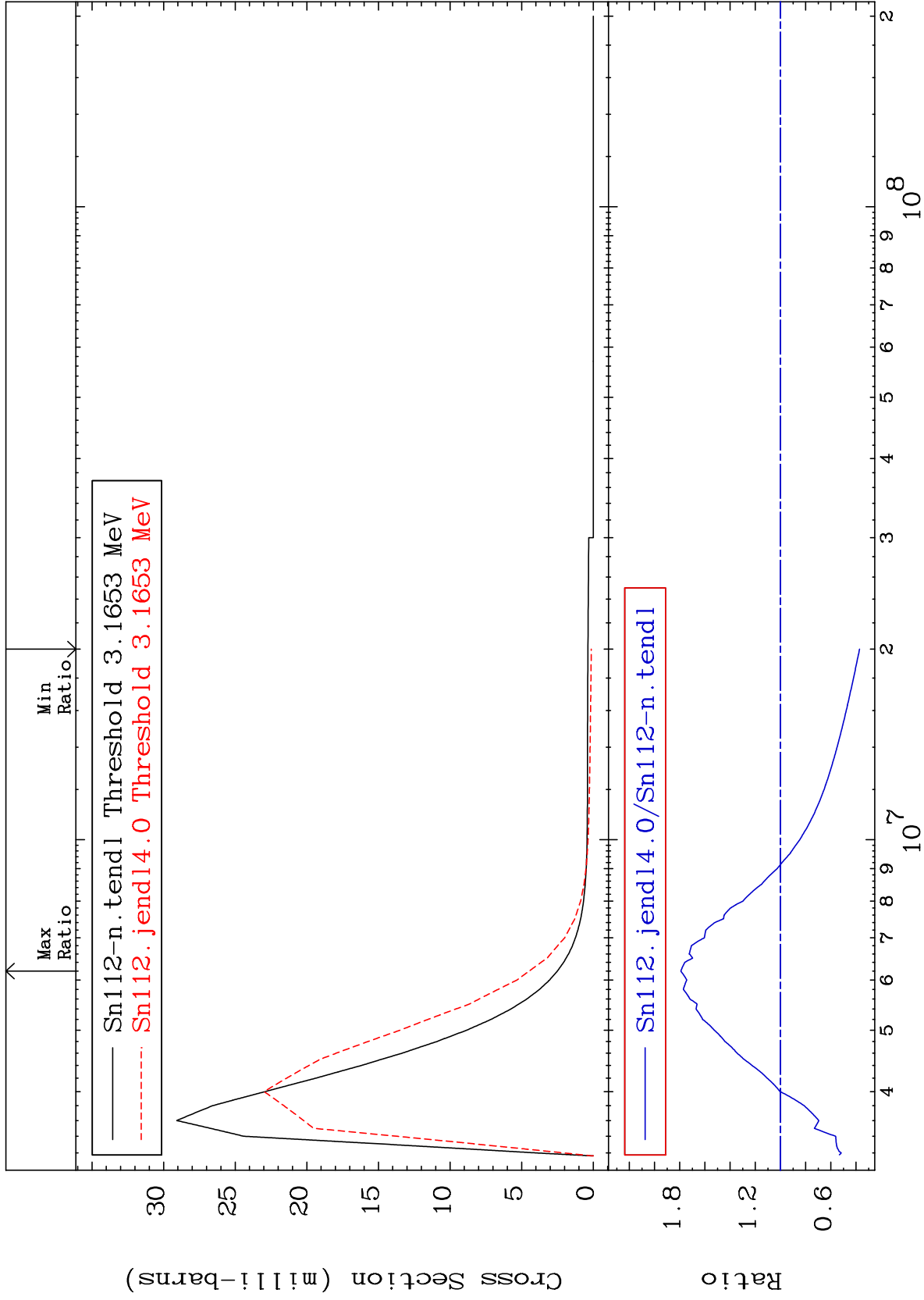
MAT 5025

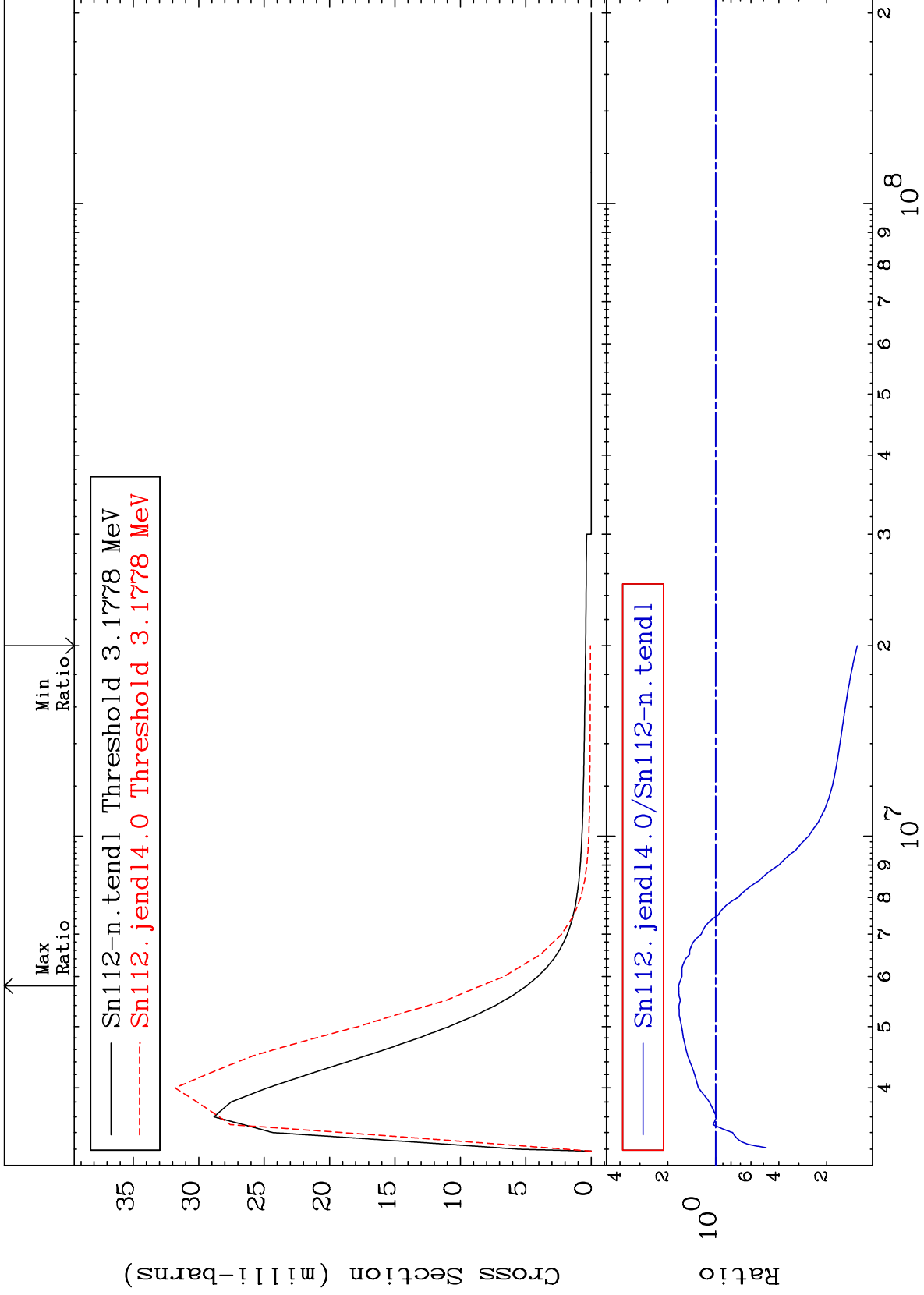
3.137 MeV (n,n') Level

50-Sn-112

-62.75 To 79.18 %

Cross Section

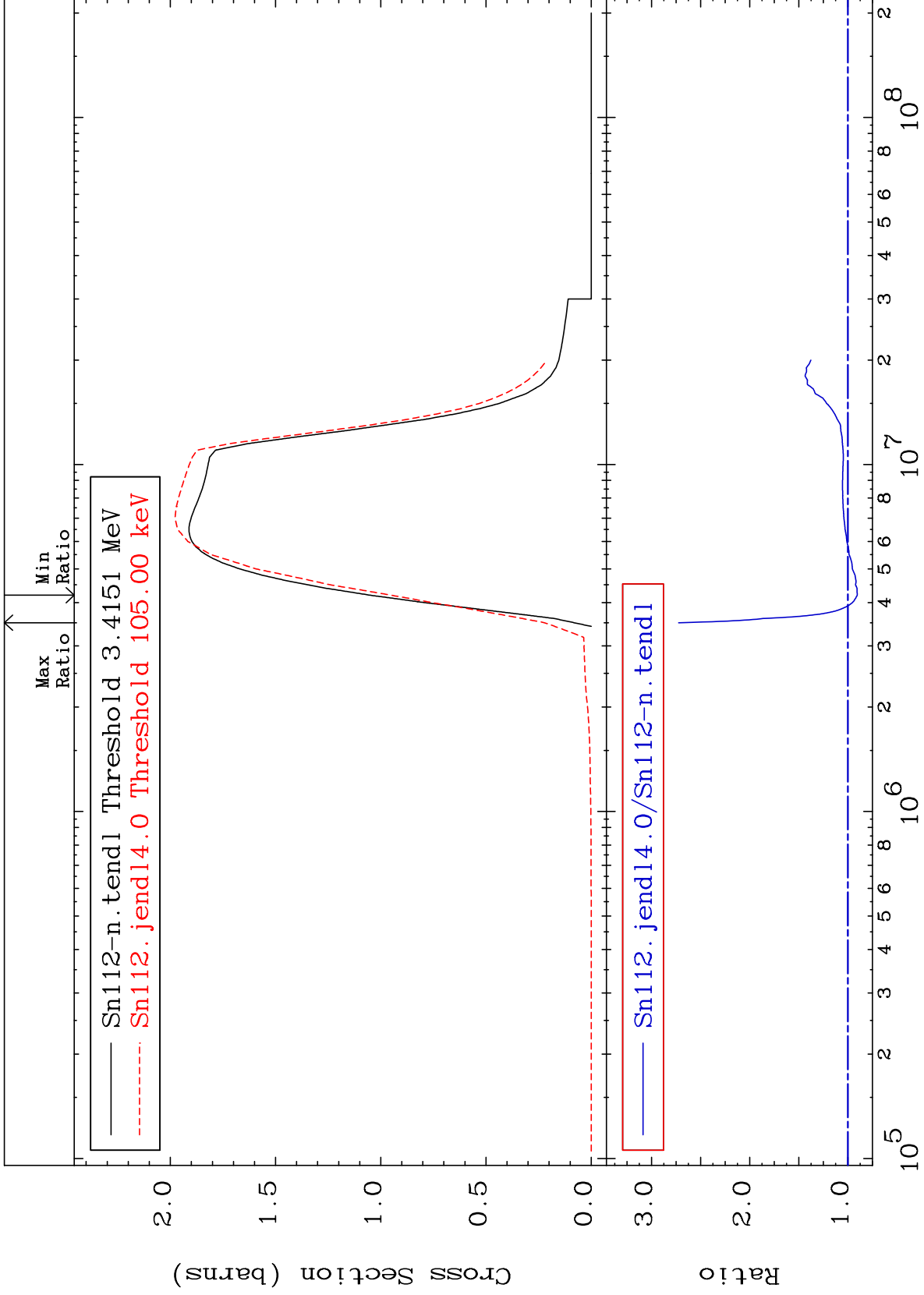




MAT 5025

(n, n') Continuum
Cross Section

50-Sn-112
-9.573 To 172.4 %



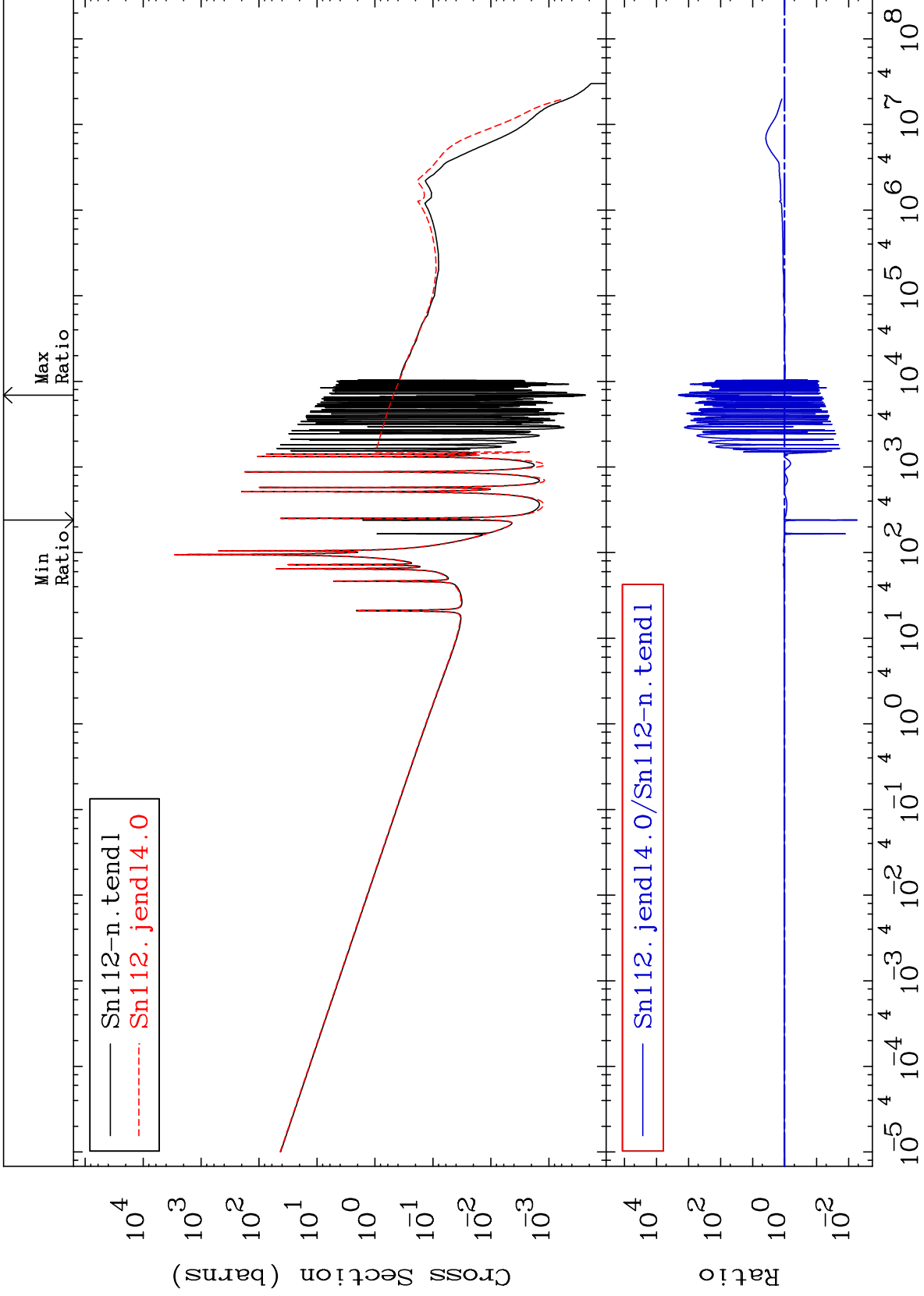
36

Incident Energy (eV)

50-Sn-112

MAT 5025

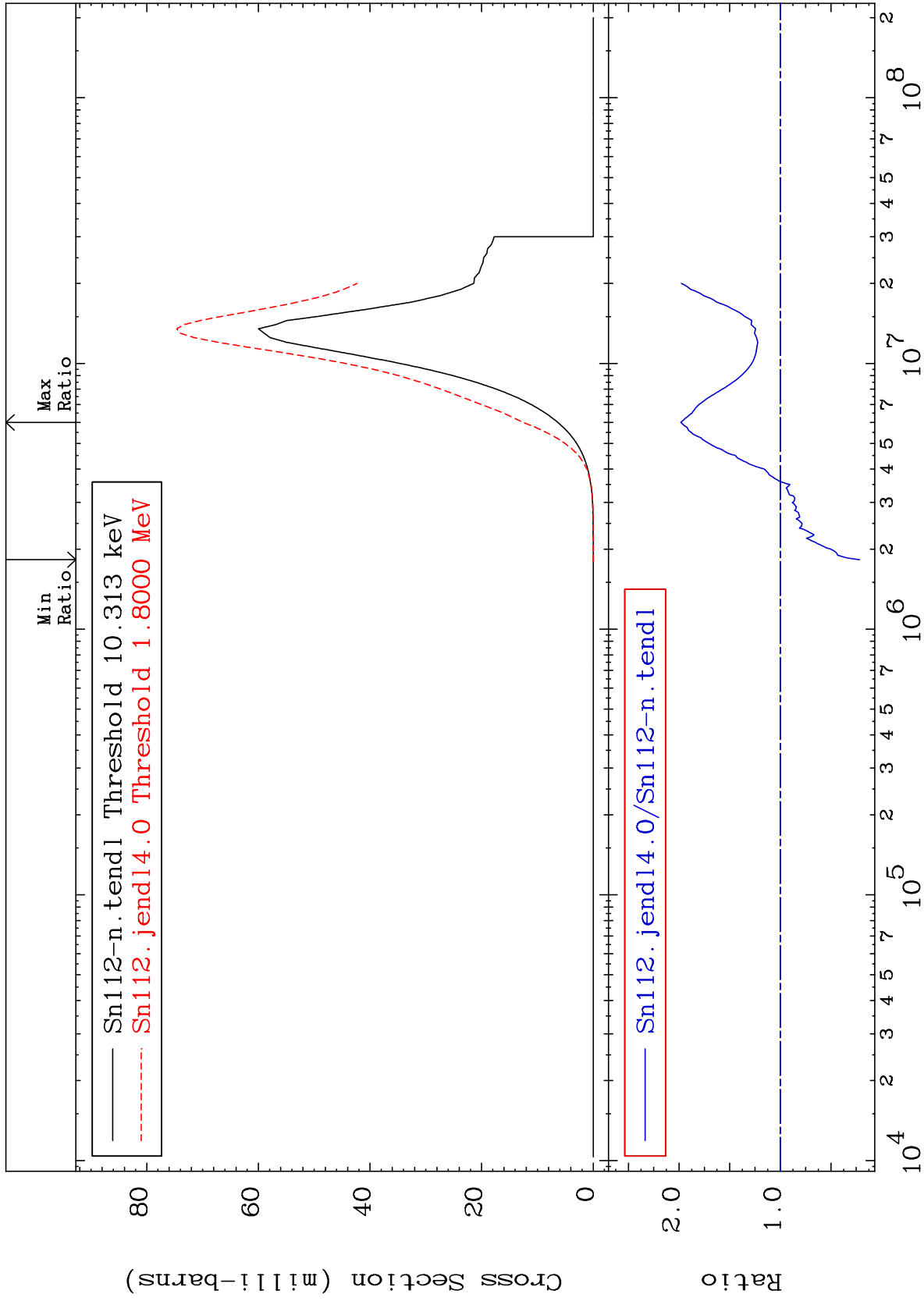
(n, γ)
Cross Section
50-Sn-112
-99.46 To 9999. %



MAT 5025

50-Sn-112

(n,p)
Cross Section
-78.22 To 98.30 %



38

50-Sn-112

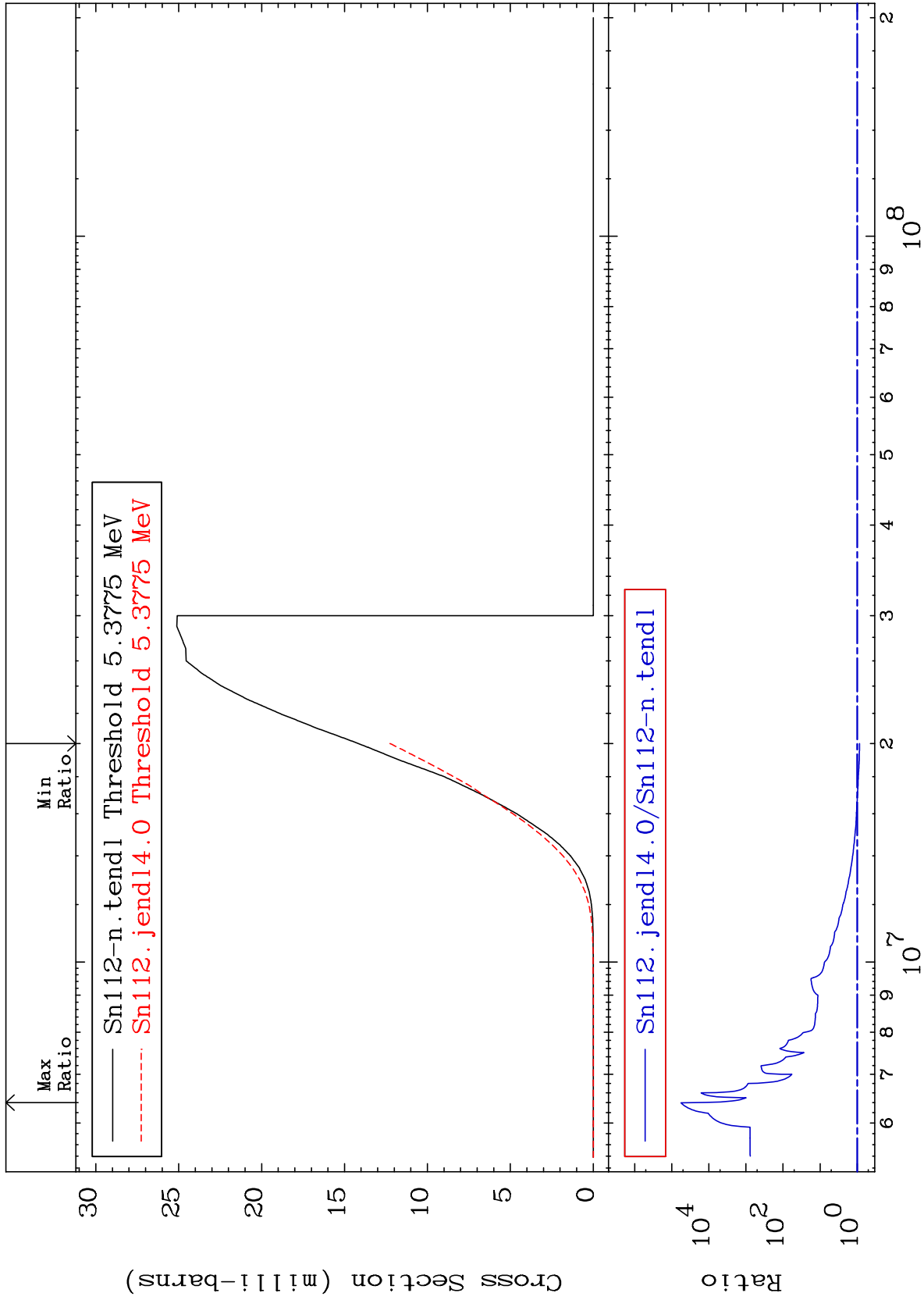
MAT 5025

(n, d)

50-Sn-112

Cross Section

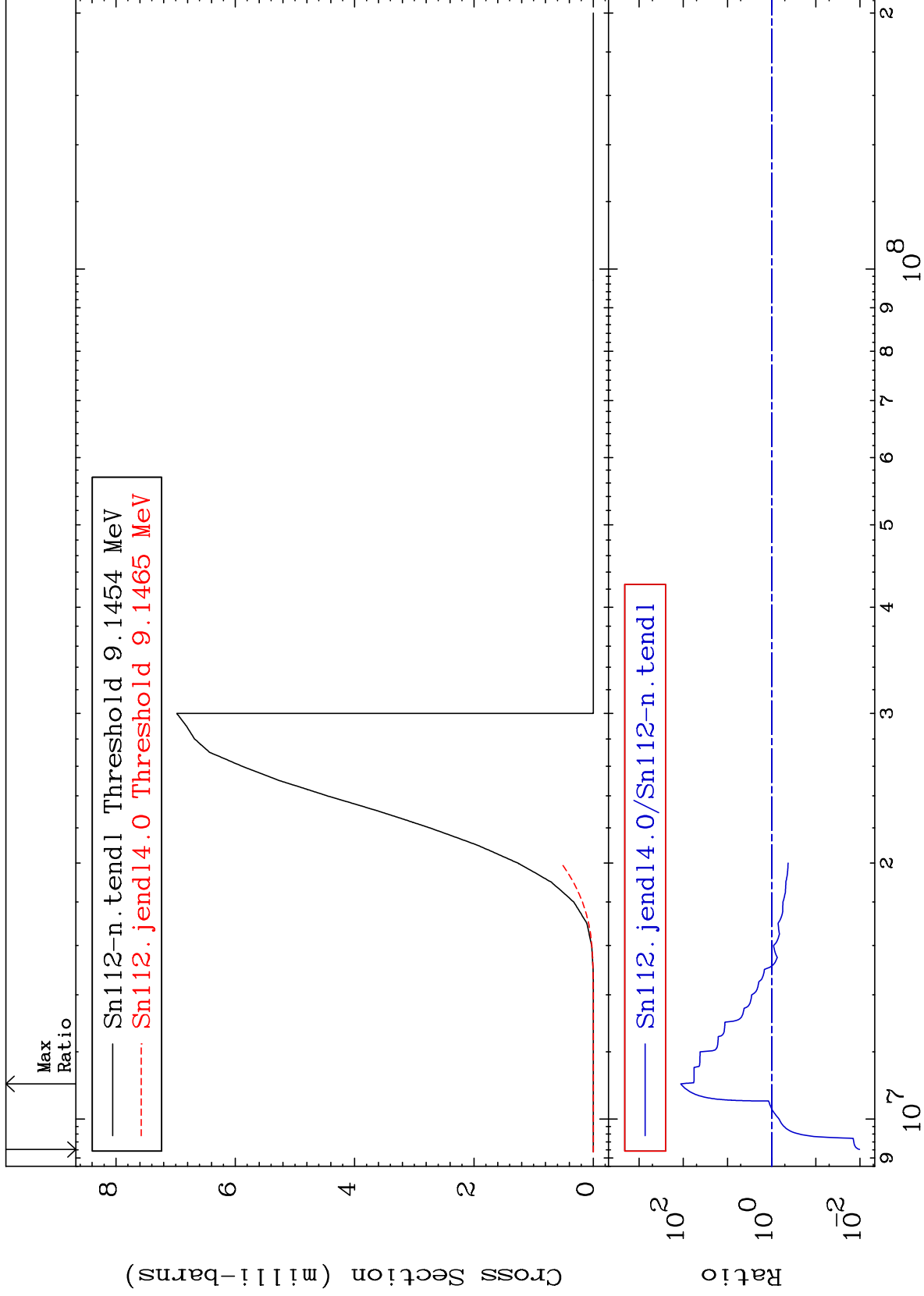
-13.48 To 9999. %



MAT 5025

(n, t)
Cross Section

50-Sn-112
-98.98 To 9999. %



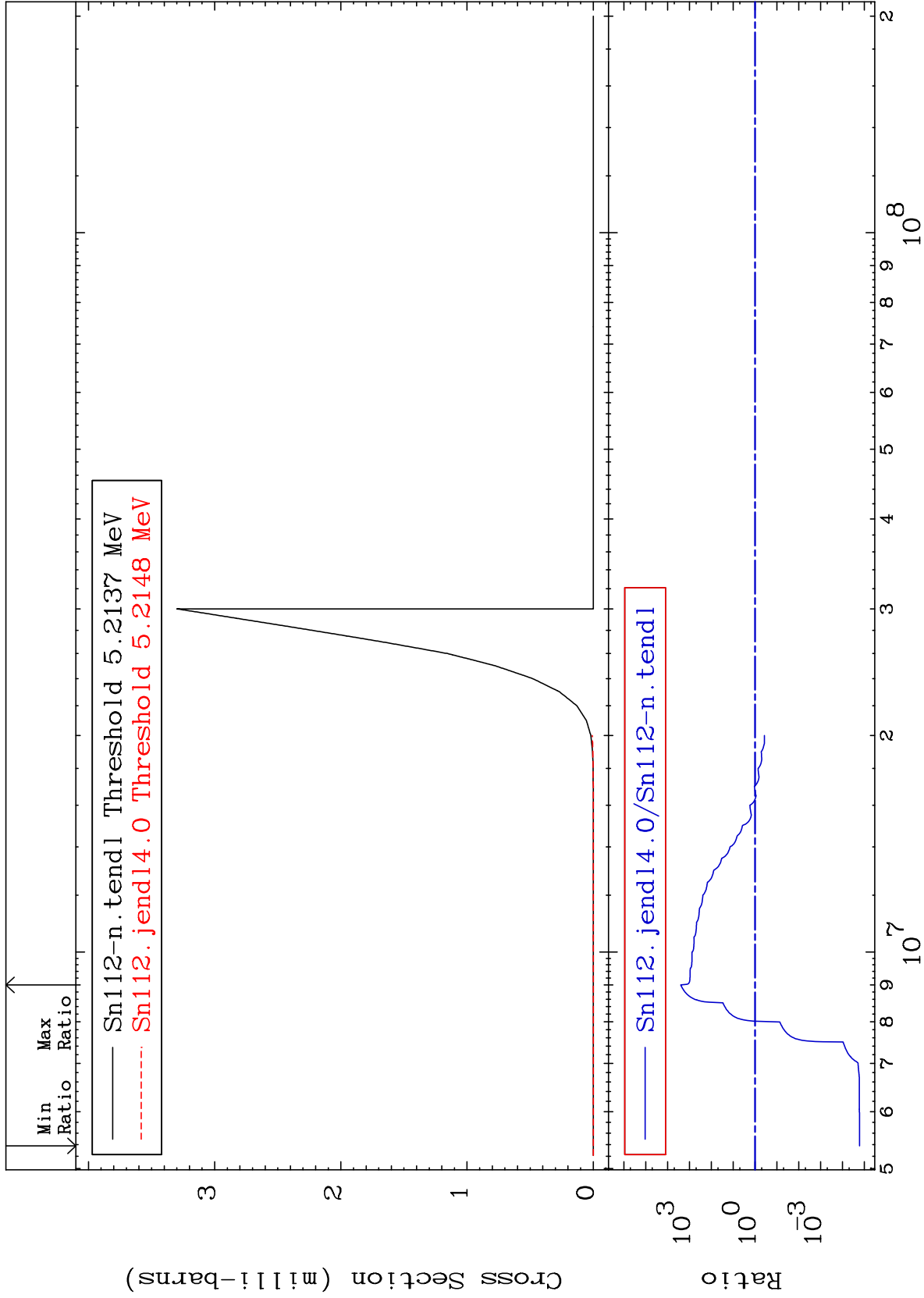
50-Sn-112

Incident Energy (eV)

40

Cross Section

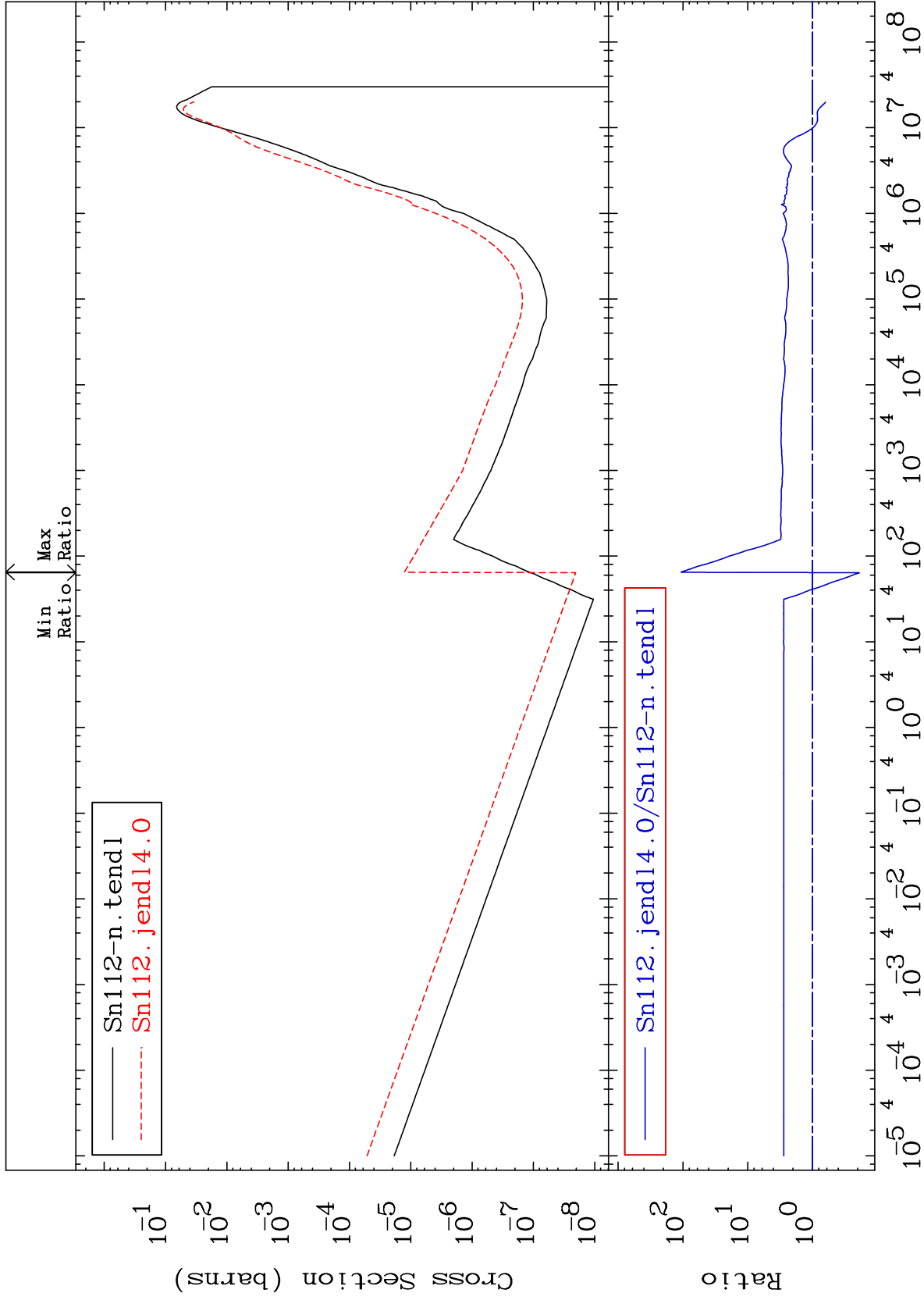
-100.0 To 9999. %



MAT 5025

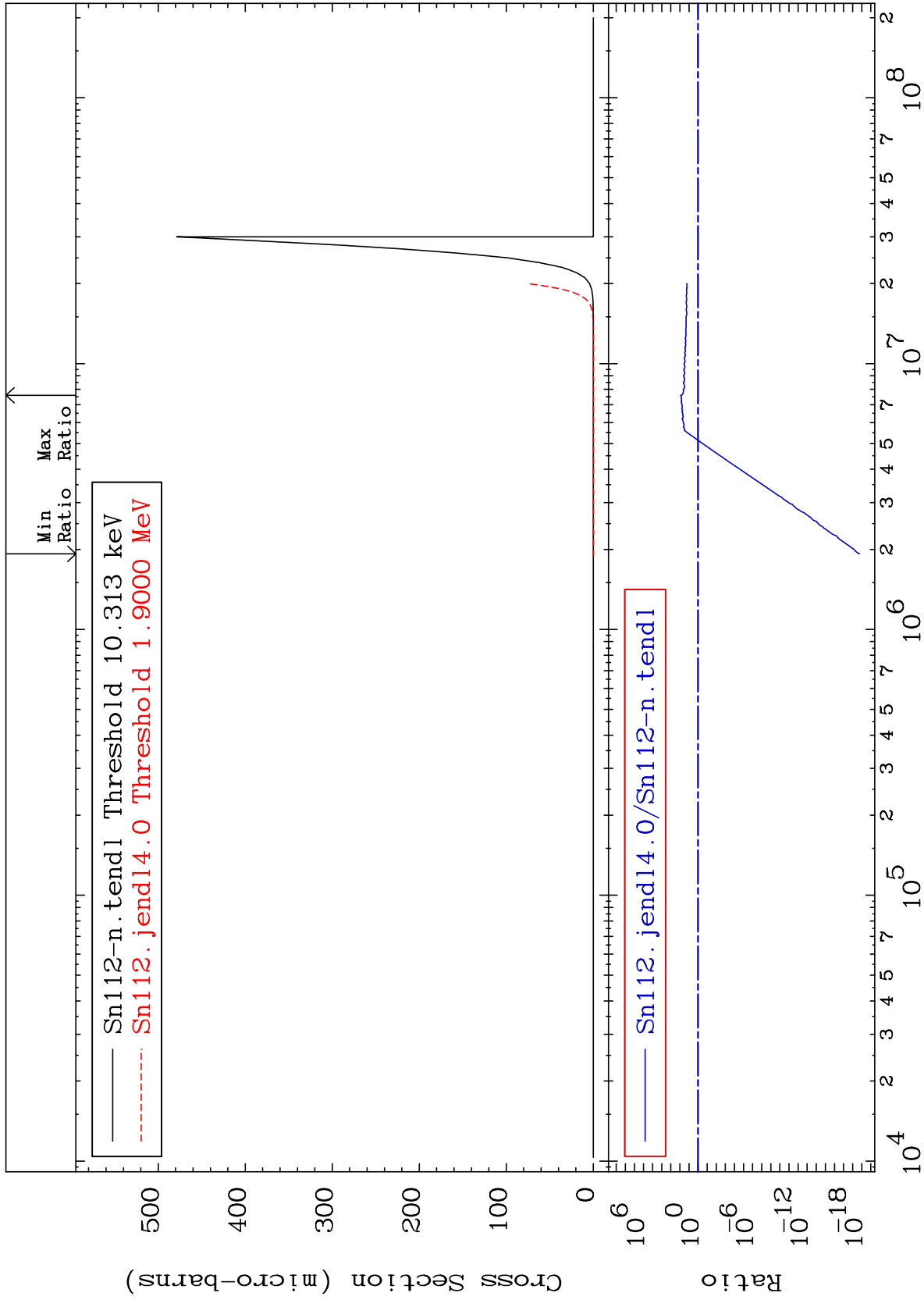
(n, α)
Cross Section

50-Sn-112
-81.27 To 9999. %



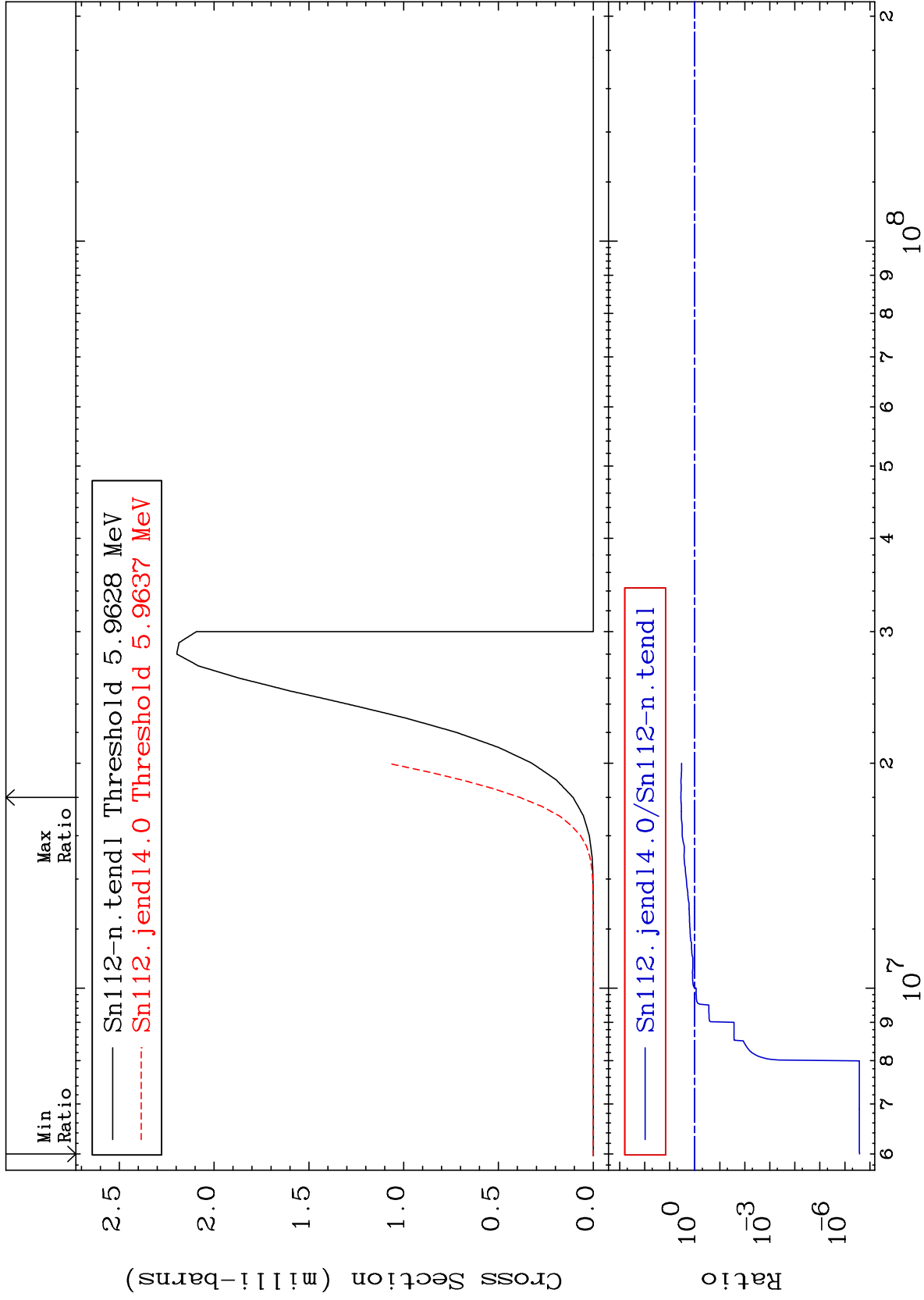
Cross Section

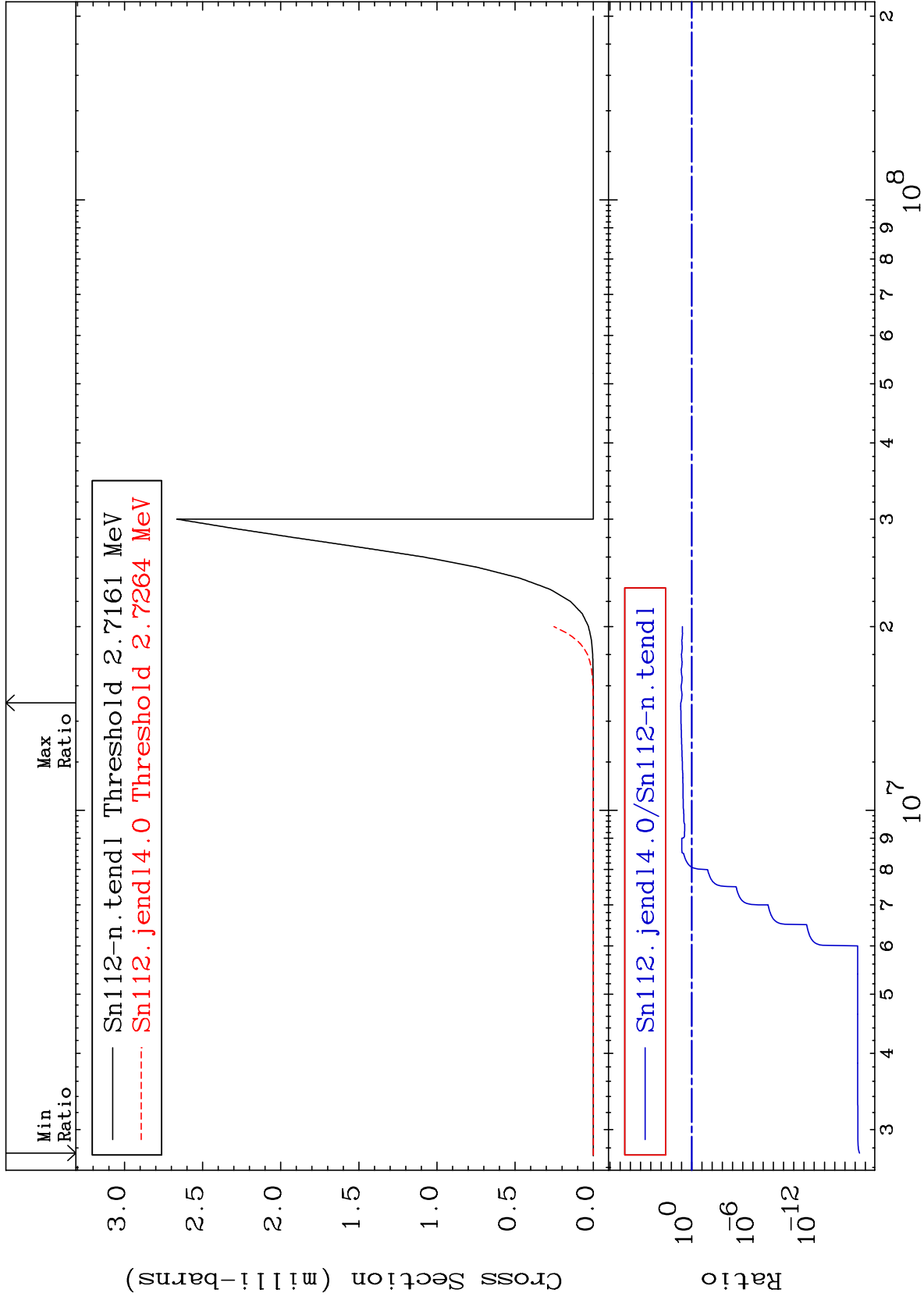
-100.0 To 7905. %

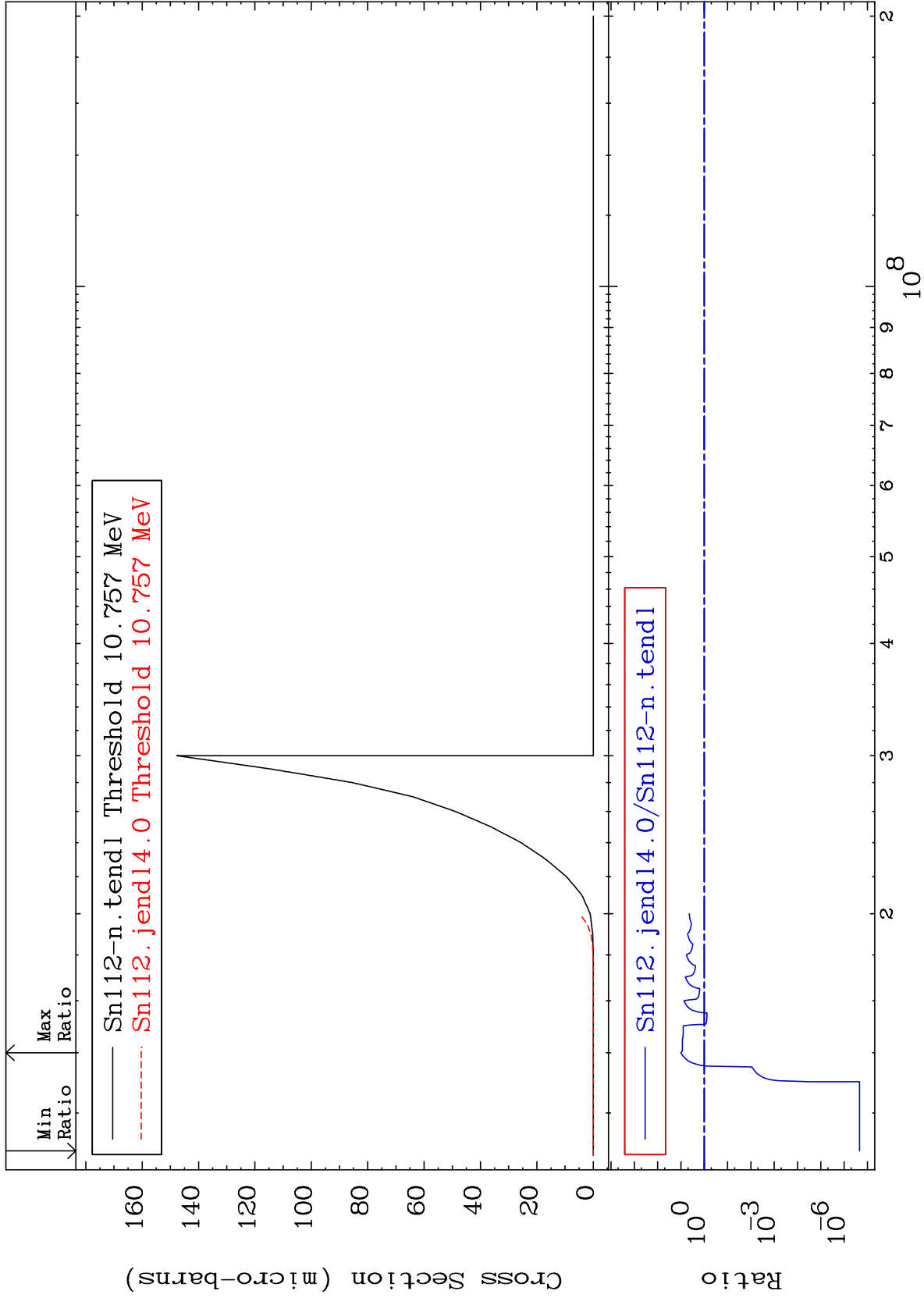


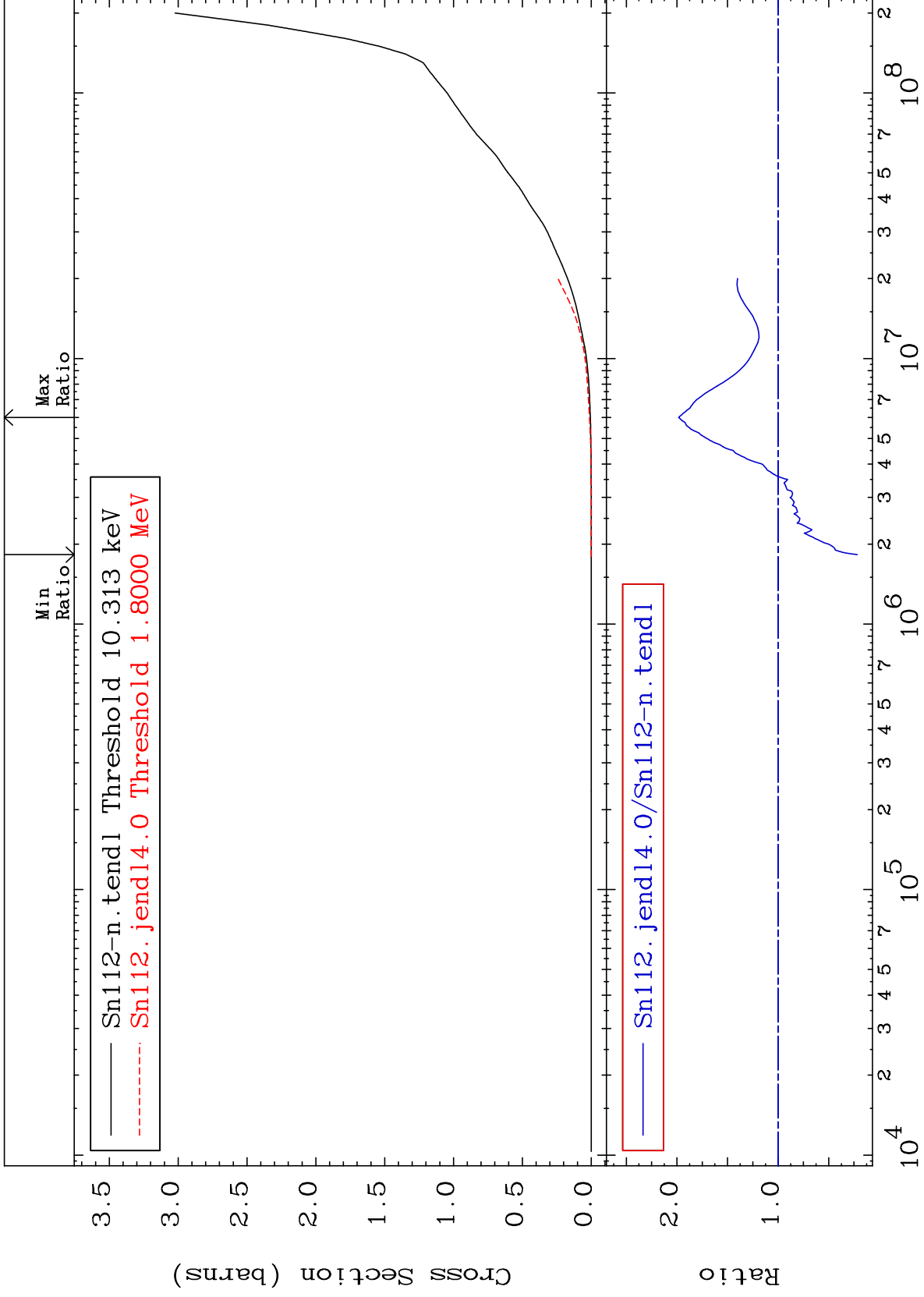
Cross Section

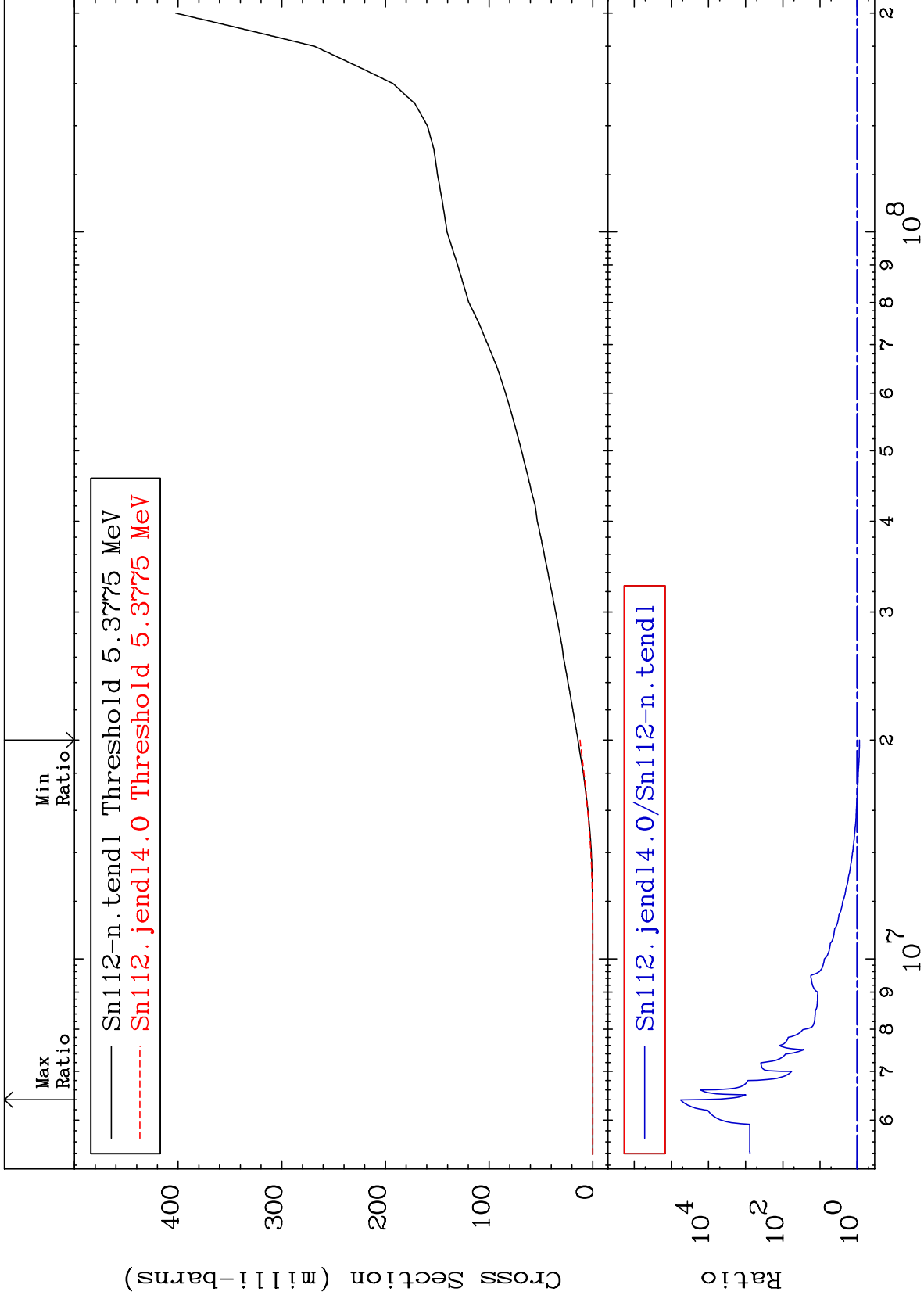
-100.0 To 262.4 %







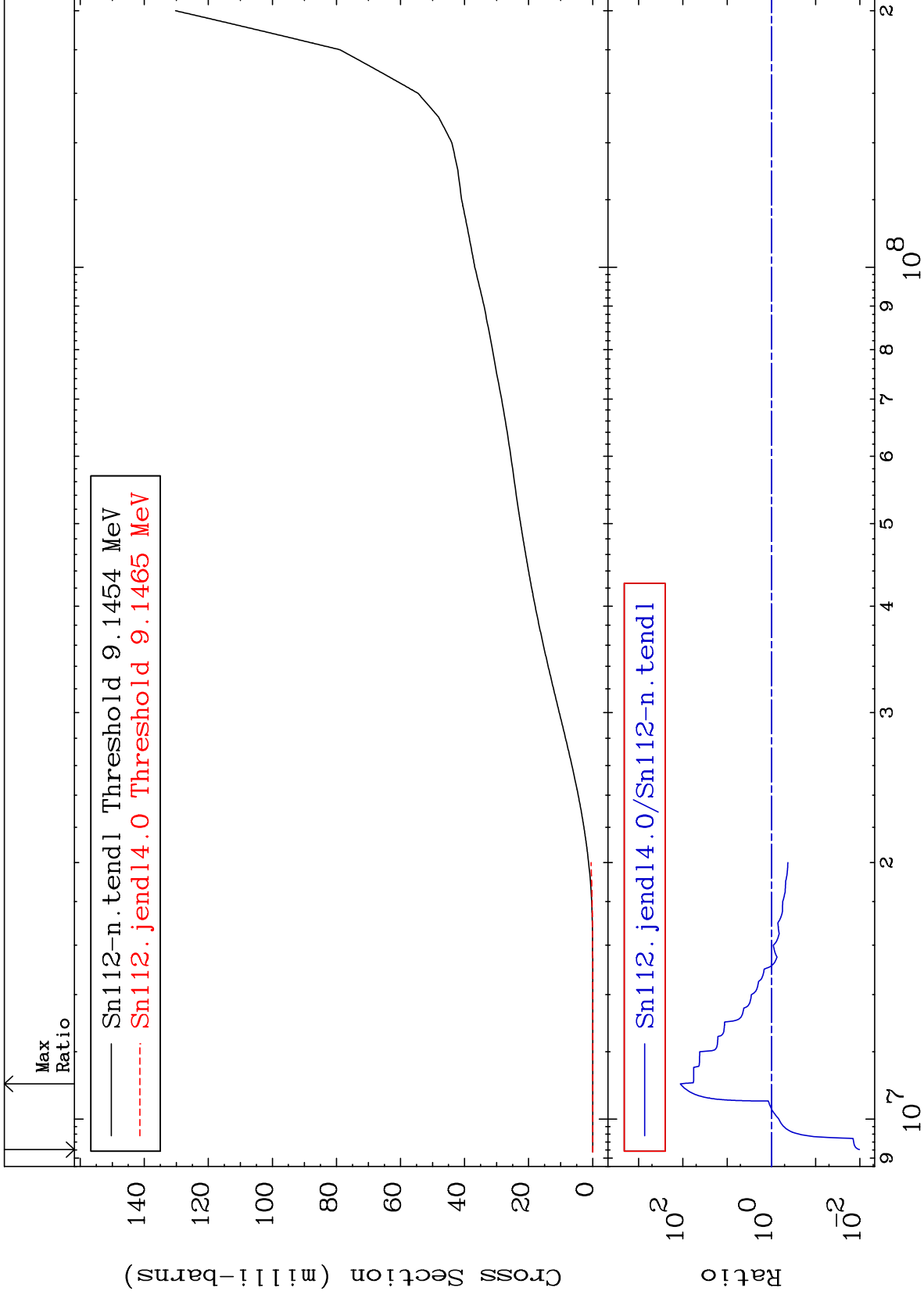




MAT 5025

Tritium Production
Cross Section

50-Sn-112
-98.98 To 9999. %



49

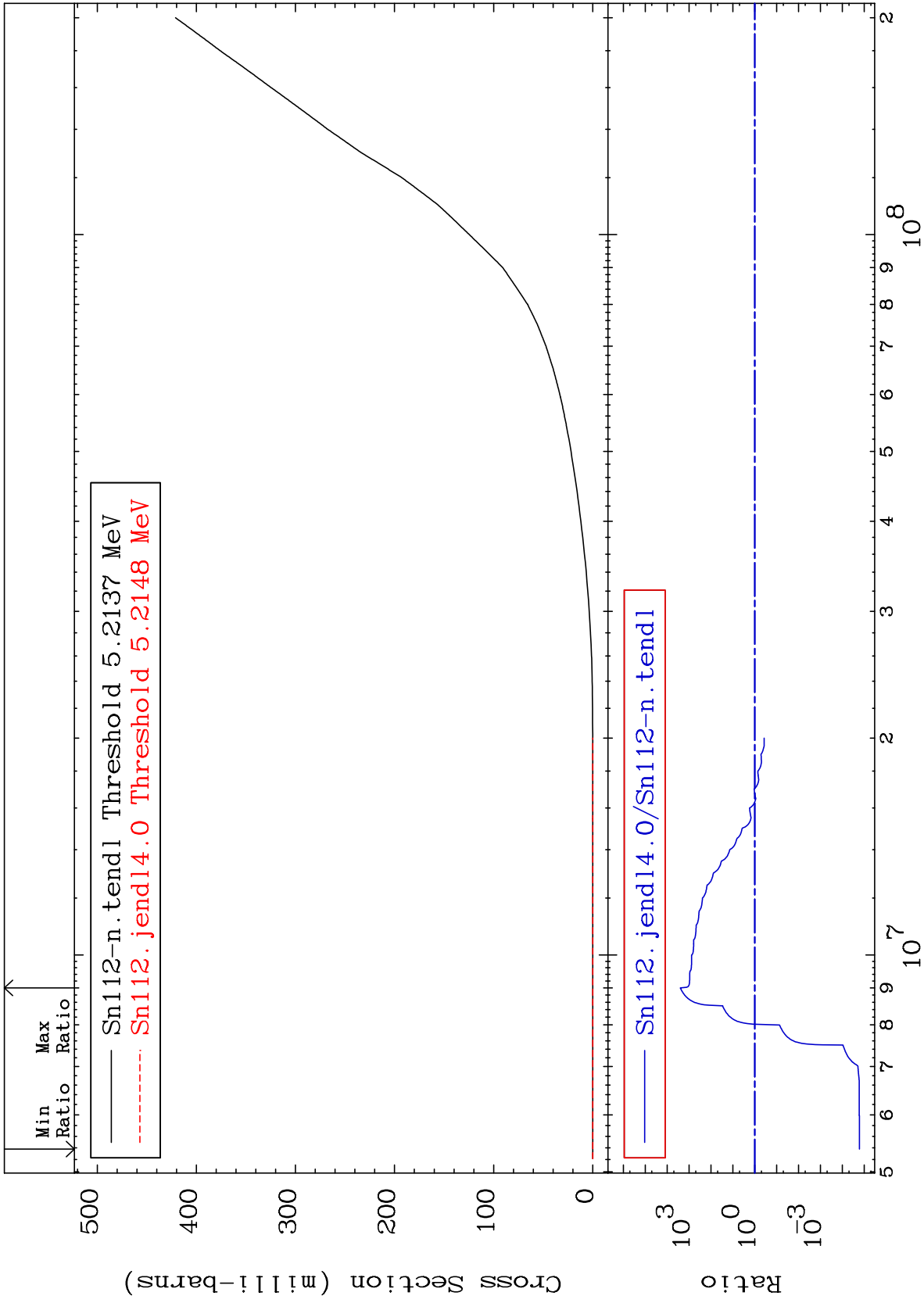
Incident Energy (eV)

50-Sn-112

MAT 5025

He-3 Production
Cross Section

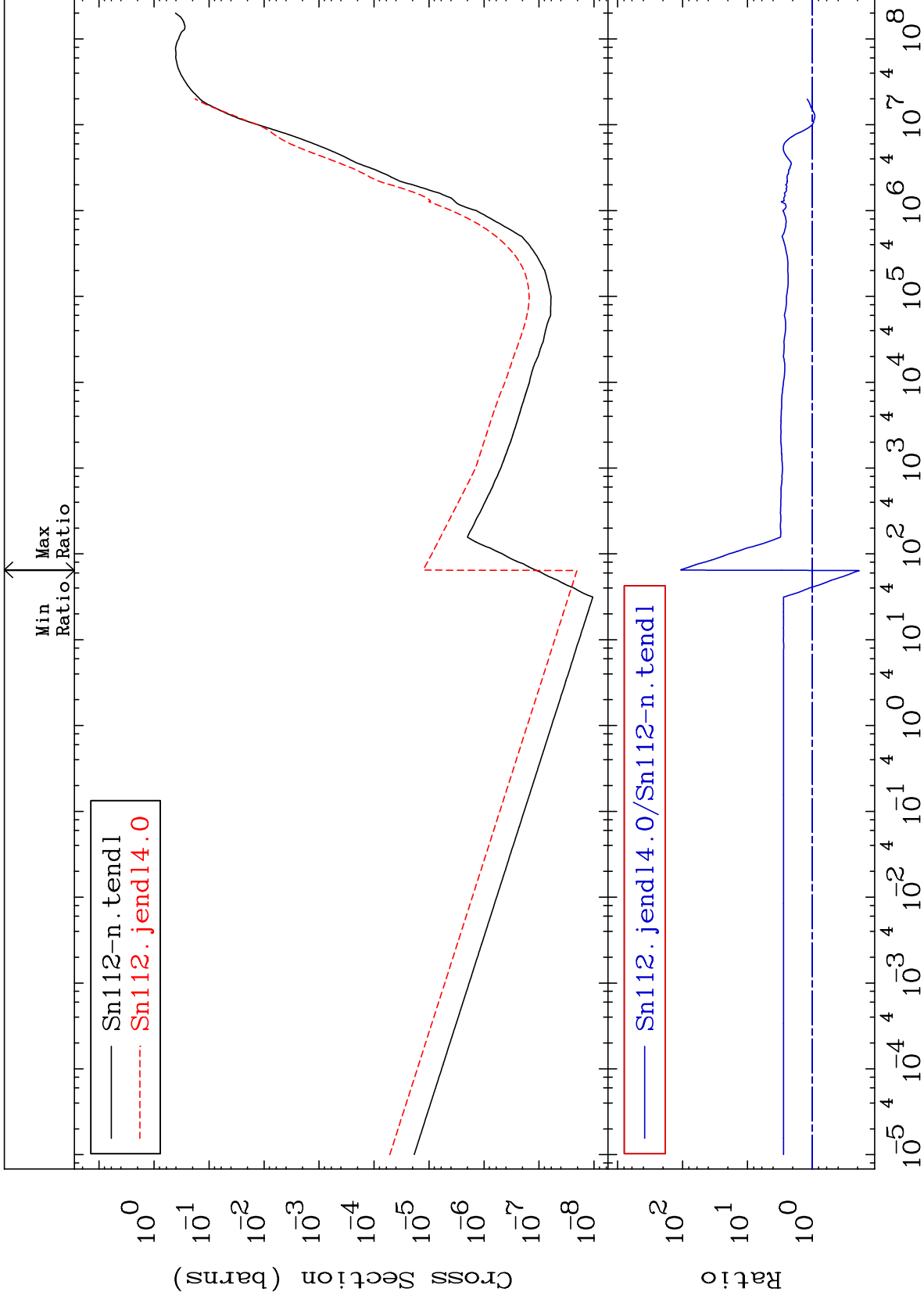
50-Sn-112
-100.0 To 9999. %



50

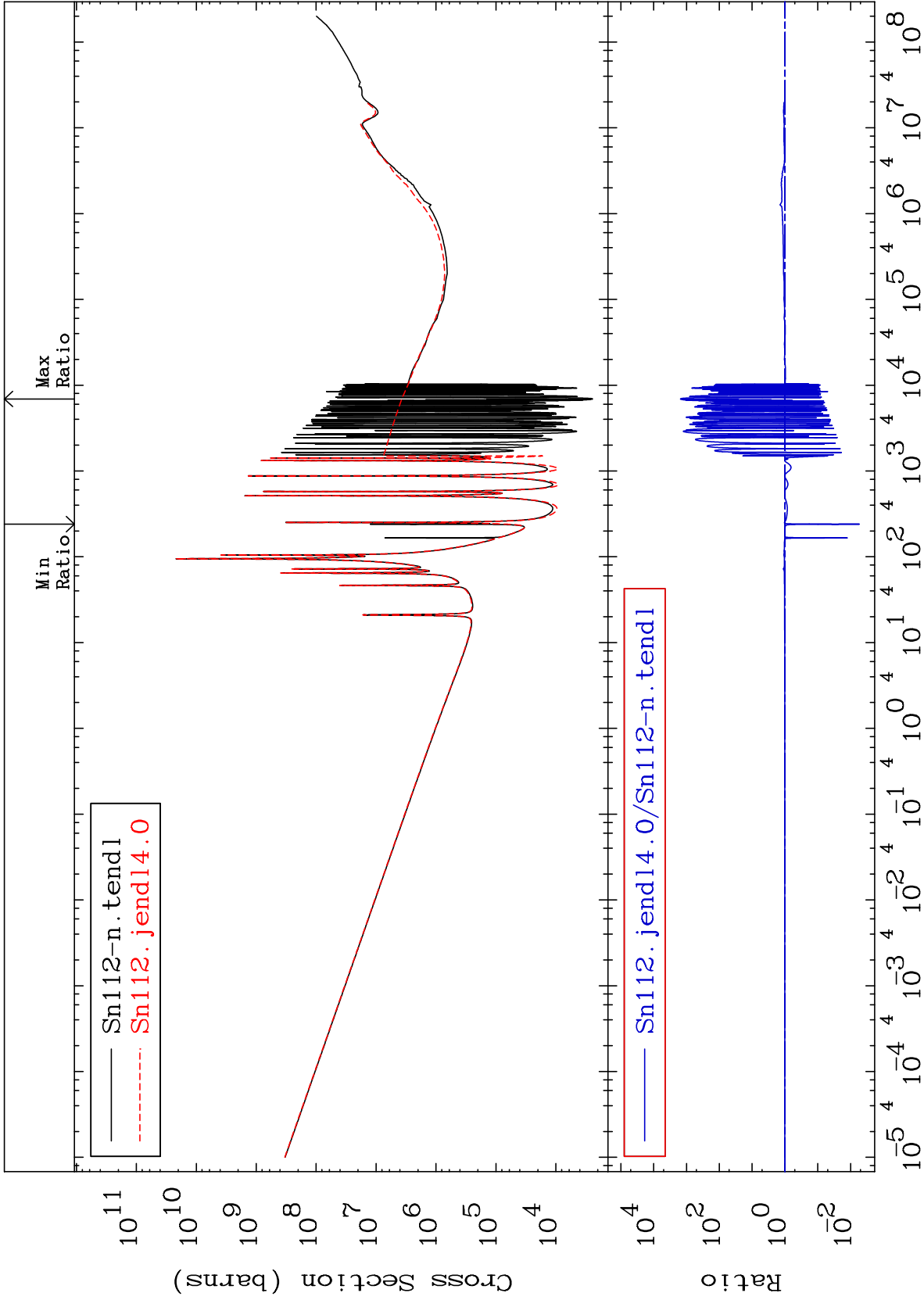
Incident Energy (eV)

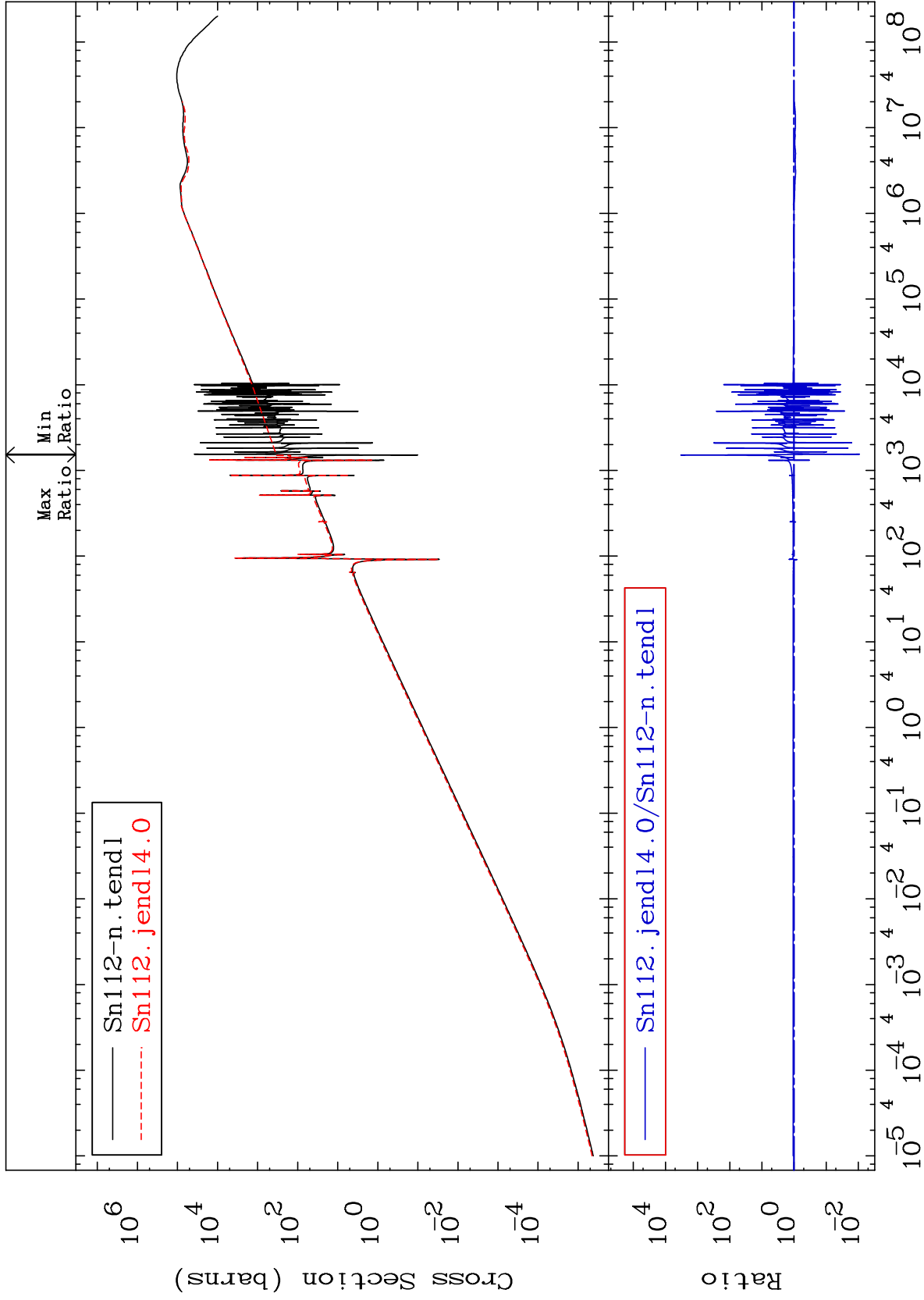
50-Sn-112

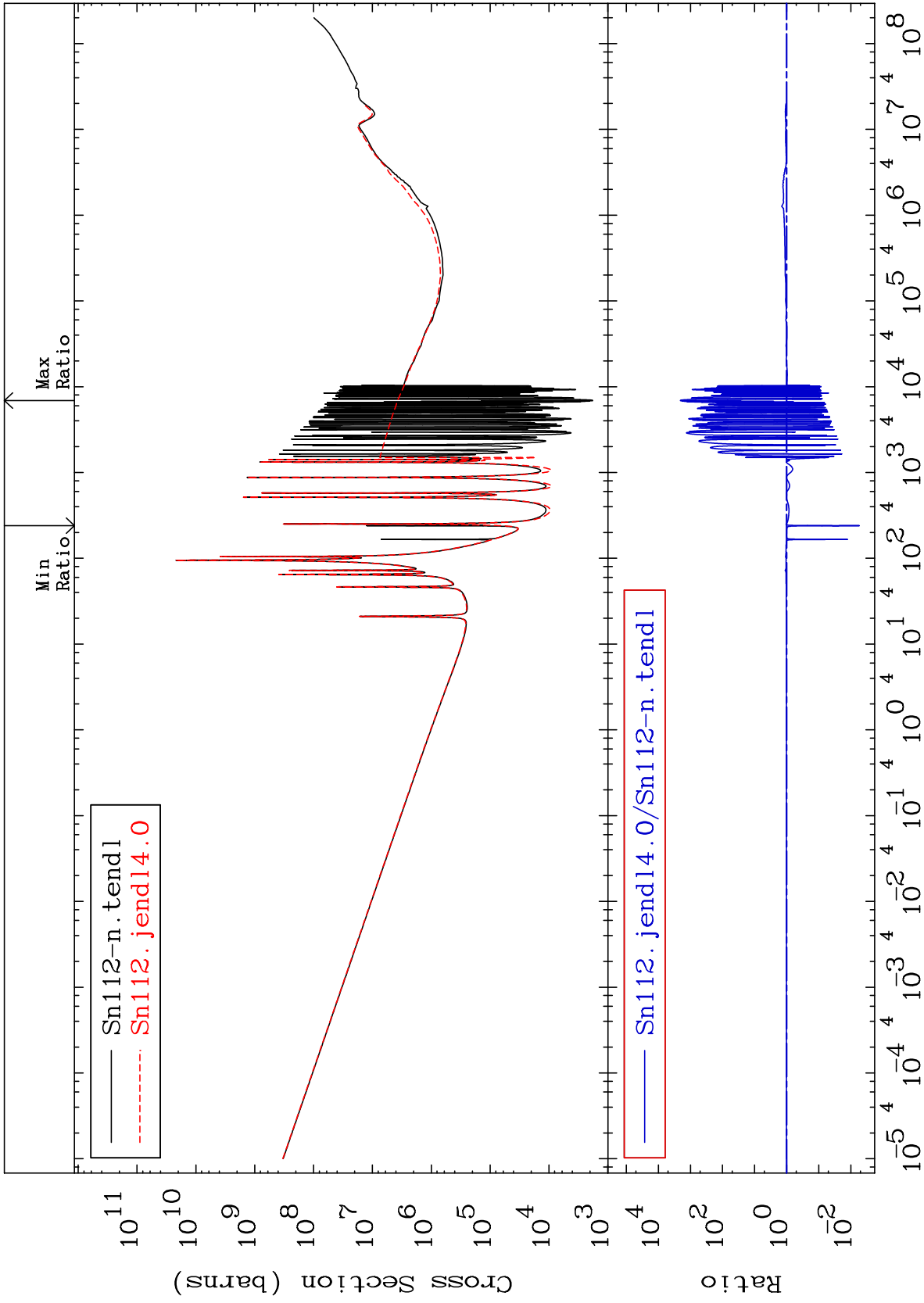


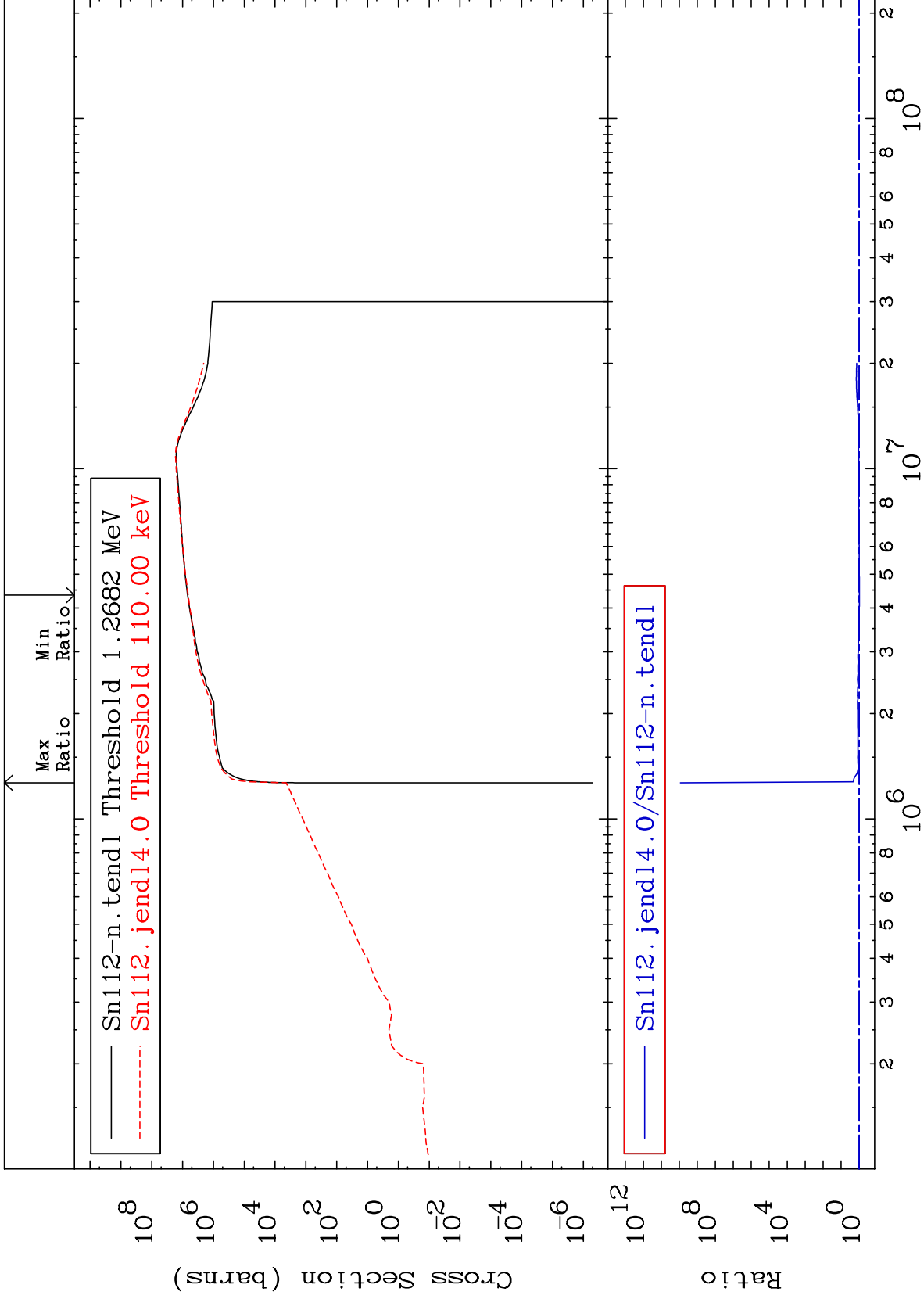
Cross Section

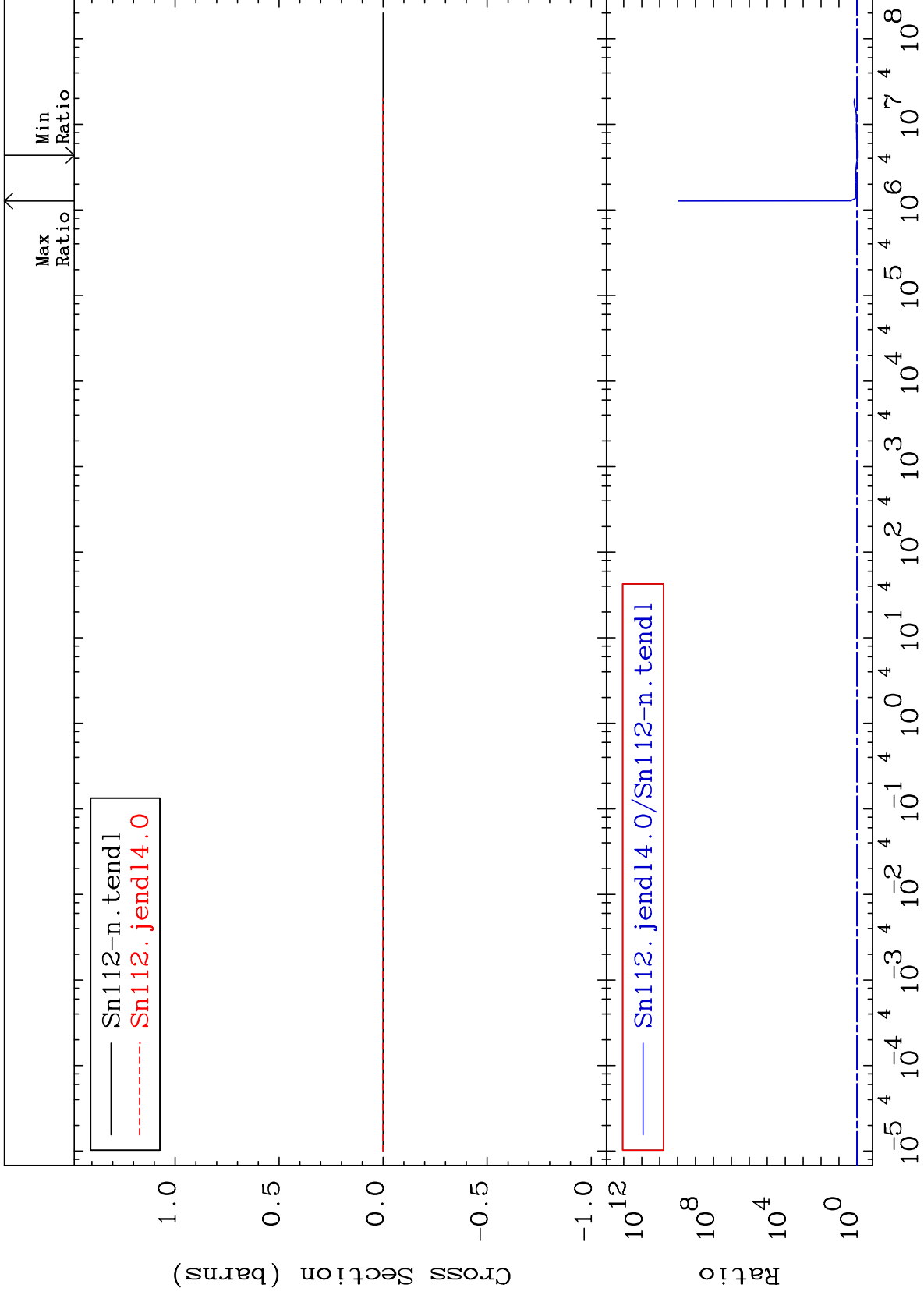
-99.46 To 9999. %

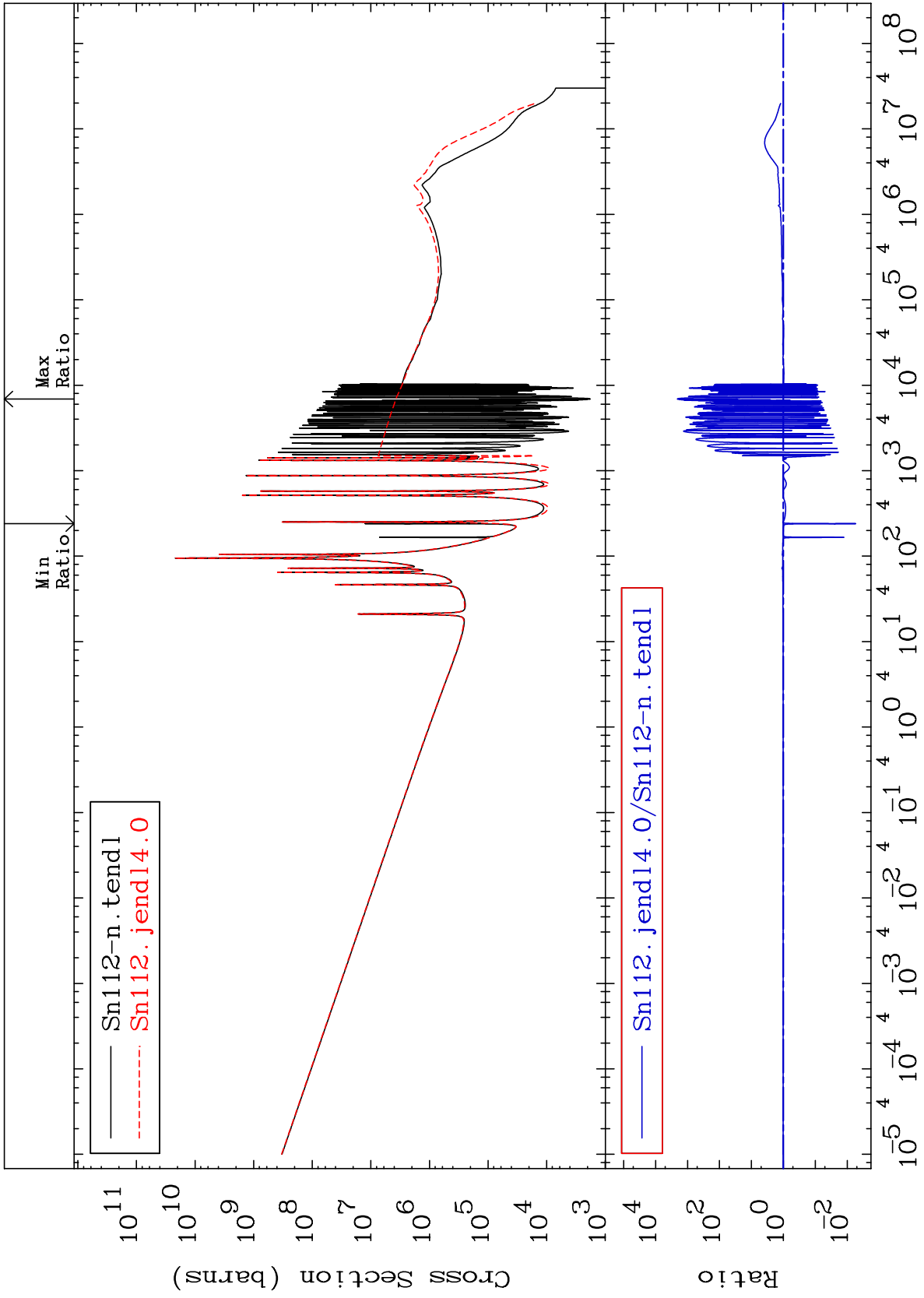


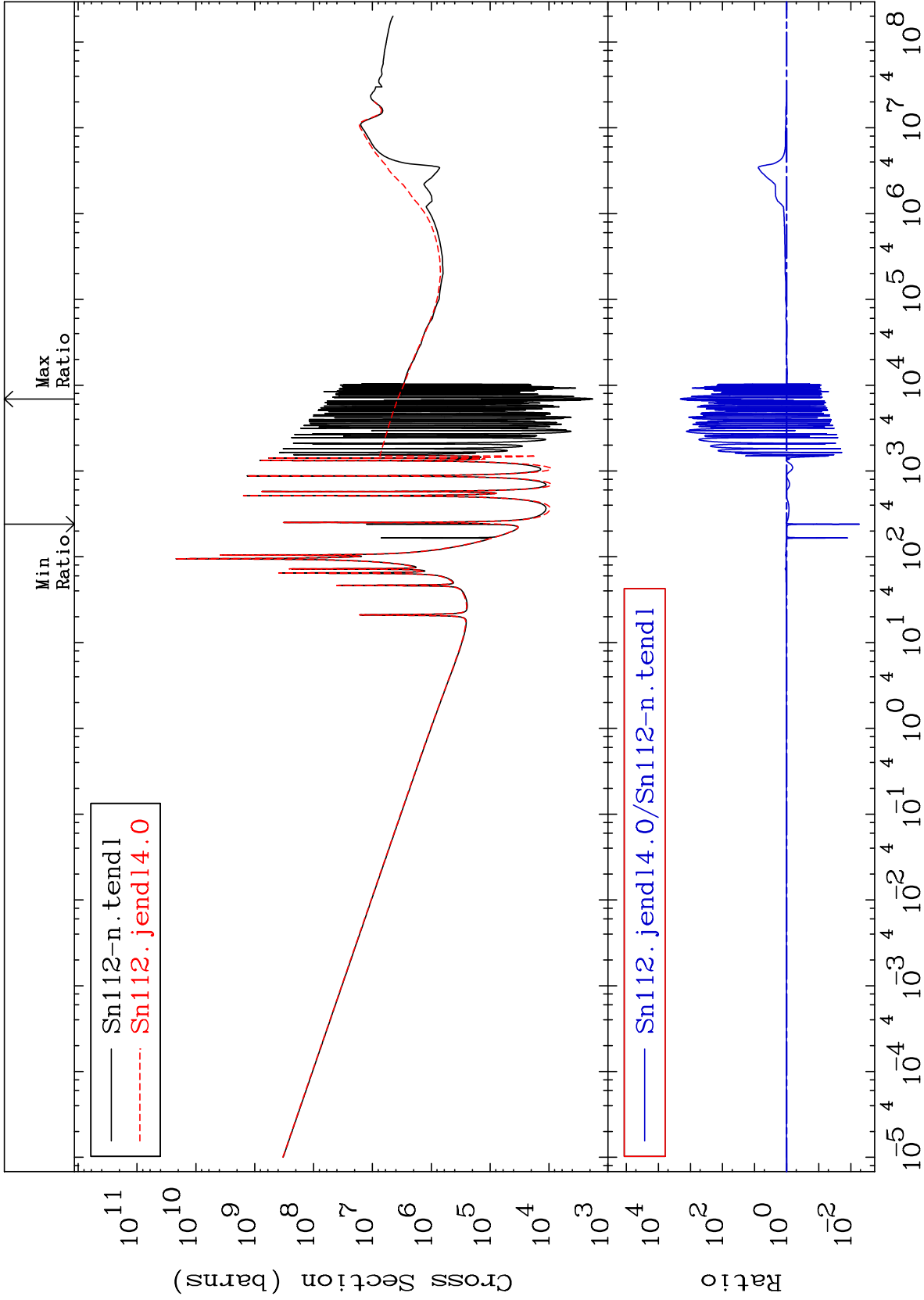


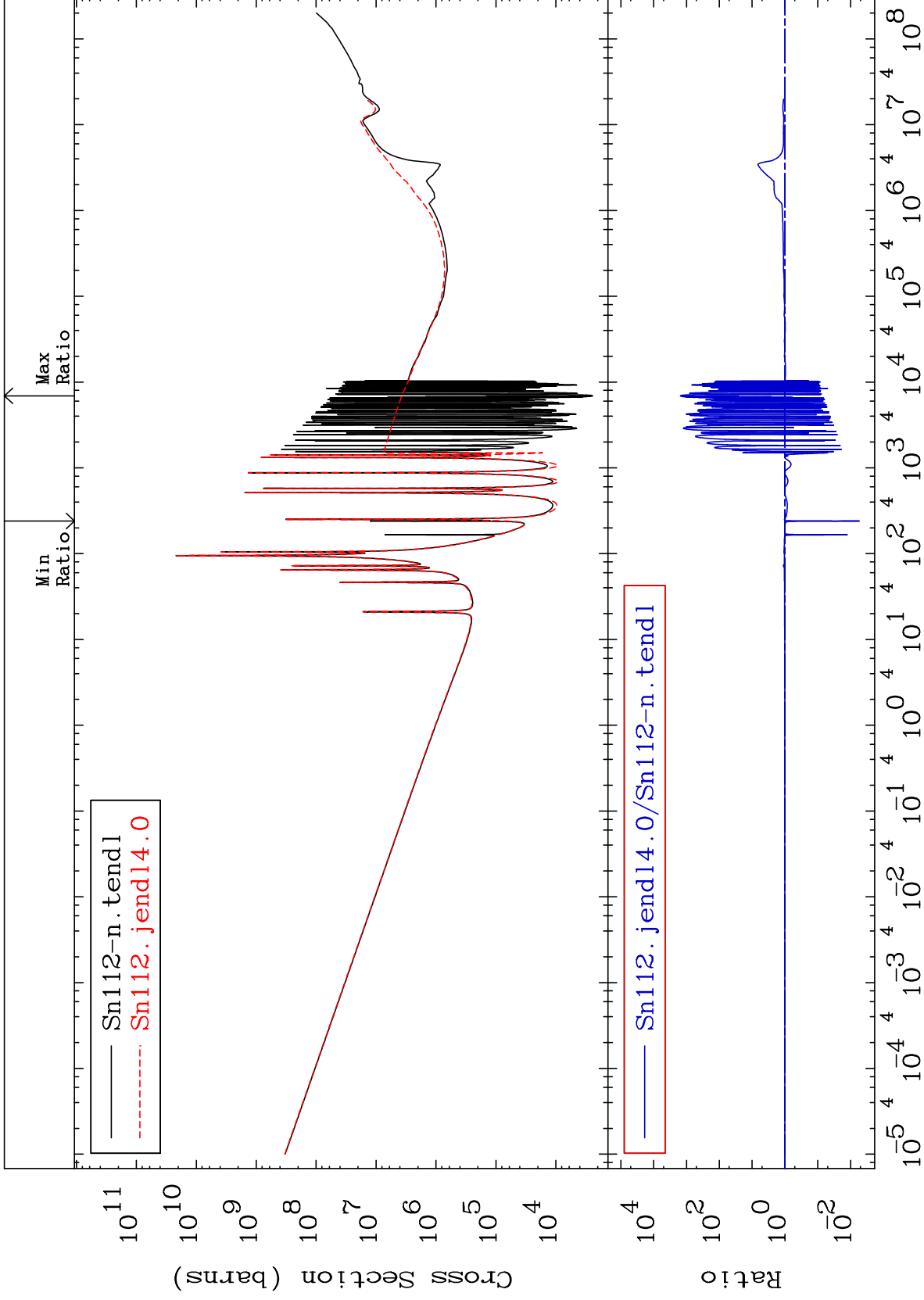












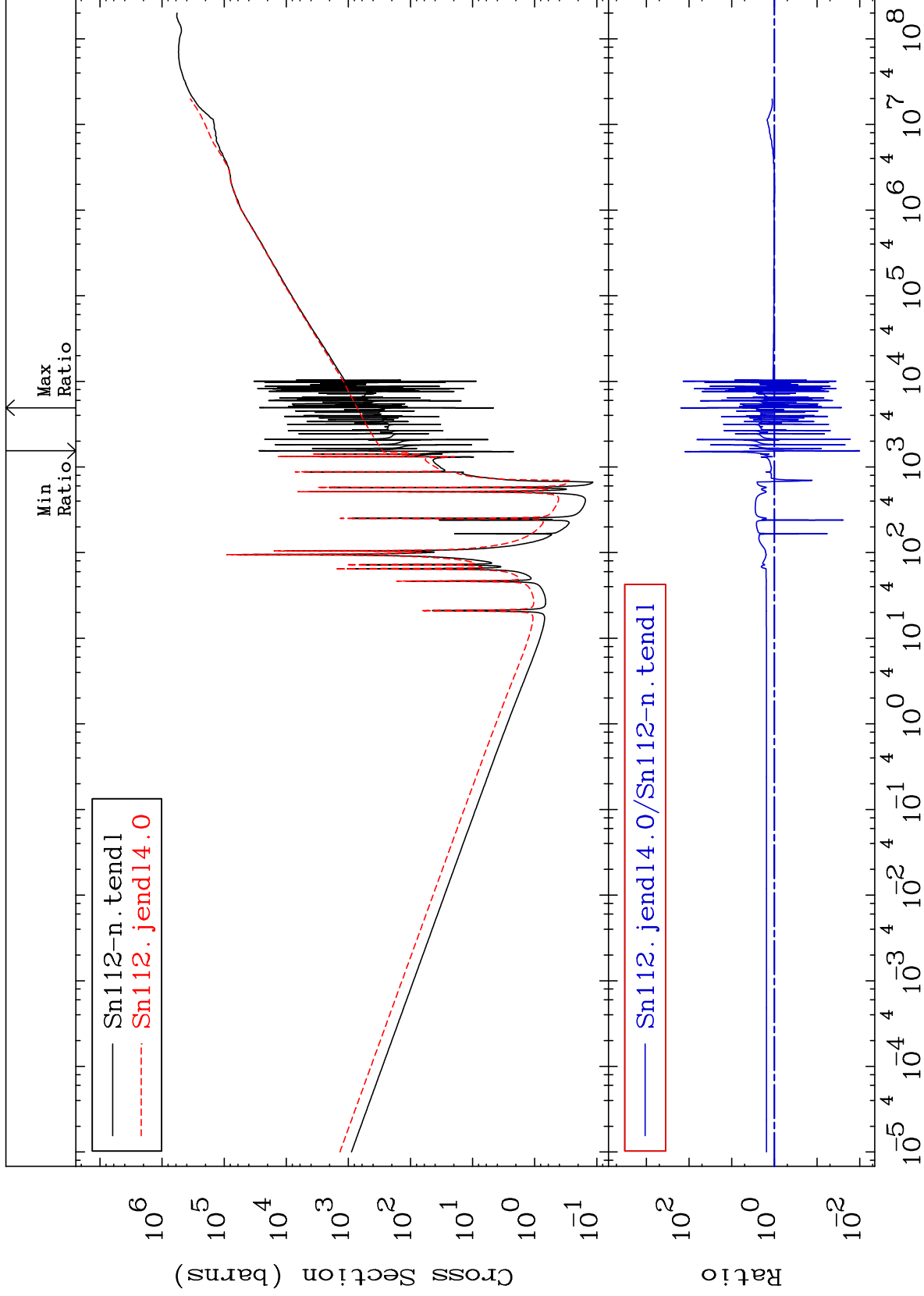
MAT 5025

Dpa total (eV-barns)

50-Sn-112

Cross Section

-98.99 To 9999. %



60

Incident Energy (eV)

50-Sn-112

