

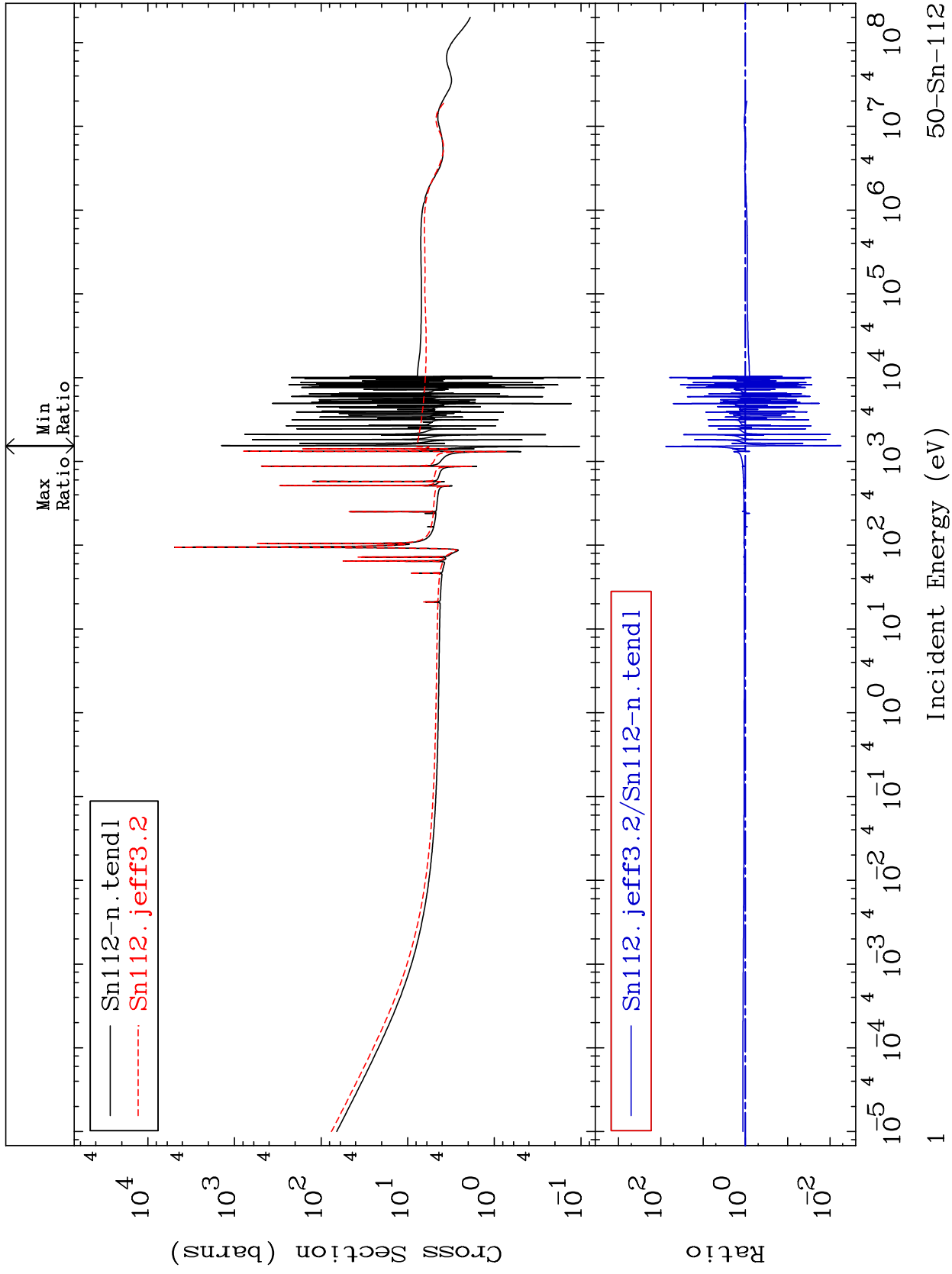
MAT 5025

Total

50-Sn-112

Cross Section

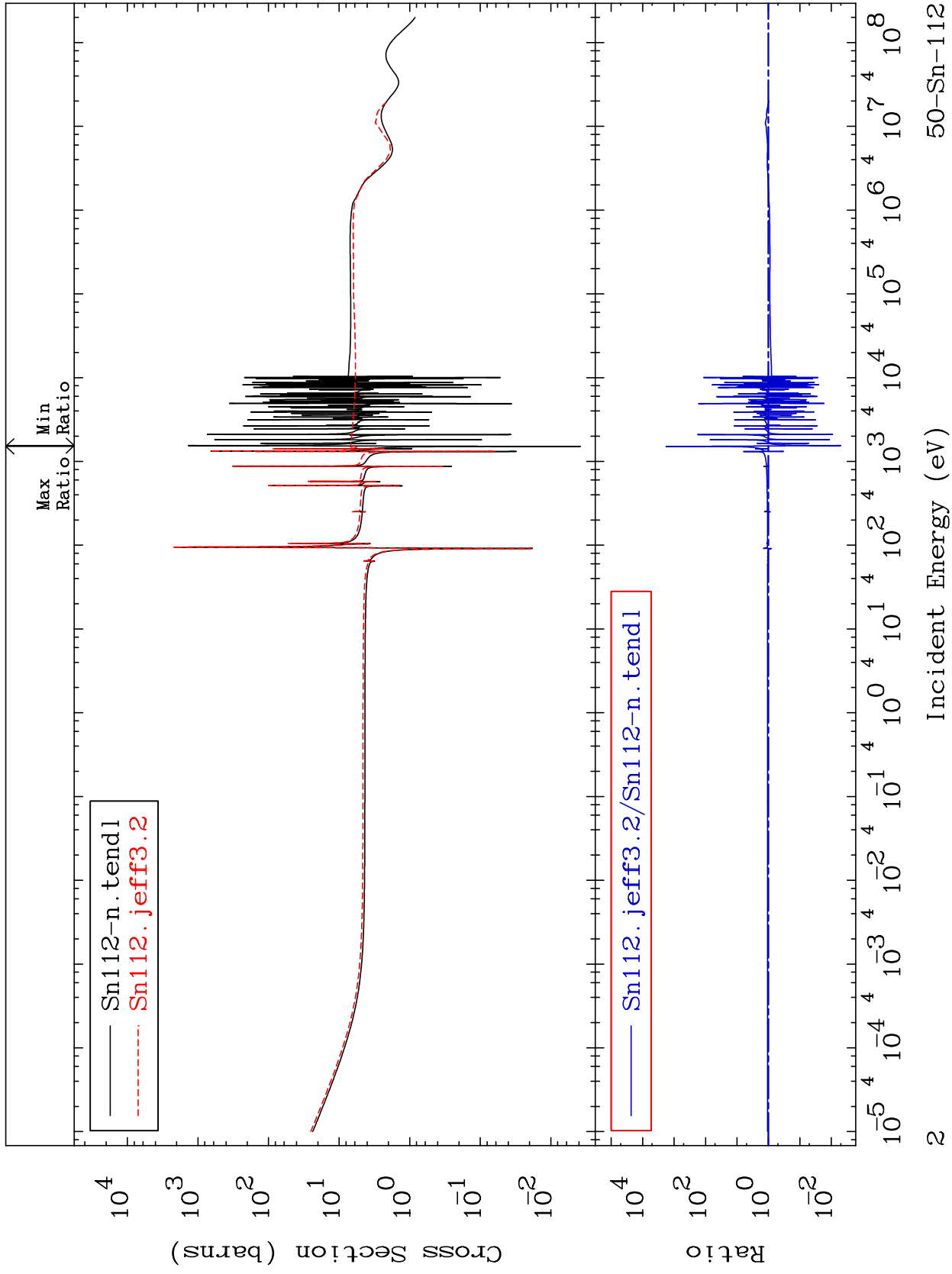
-99.45 To 7461. %



MAT 5025

Elastic
Cross Section

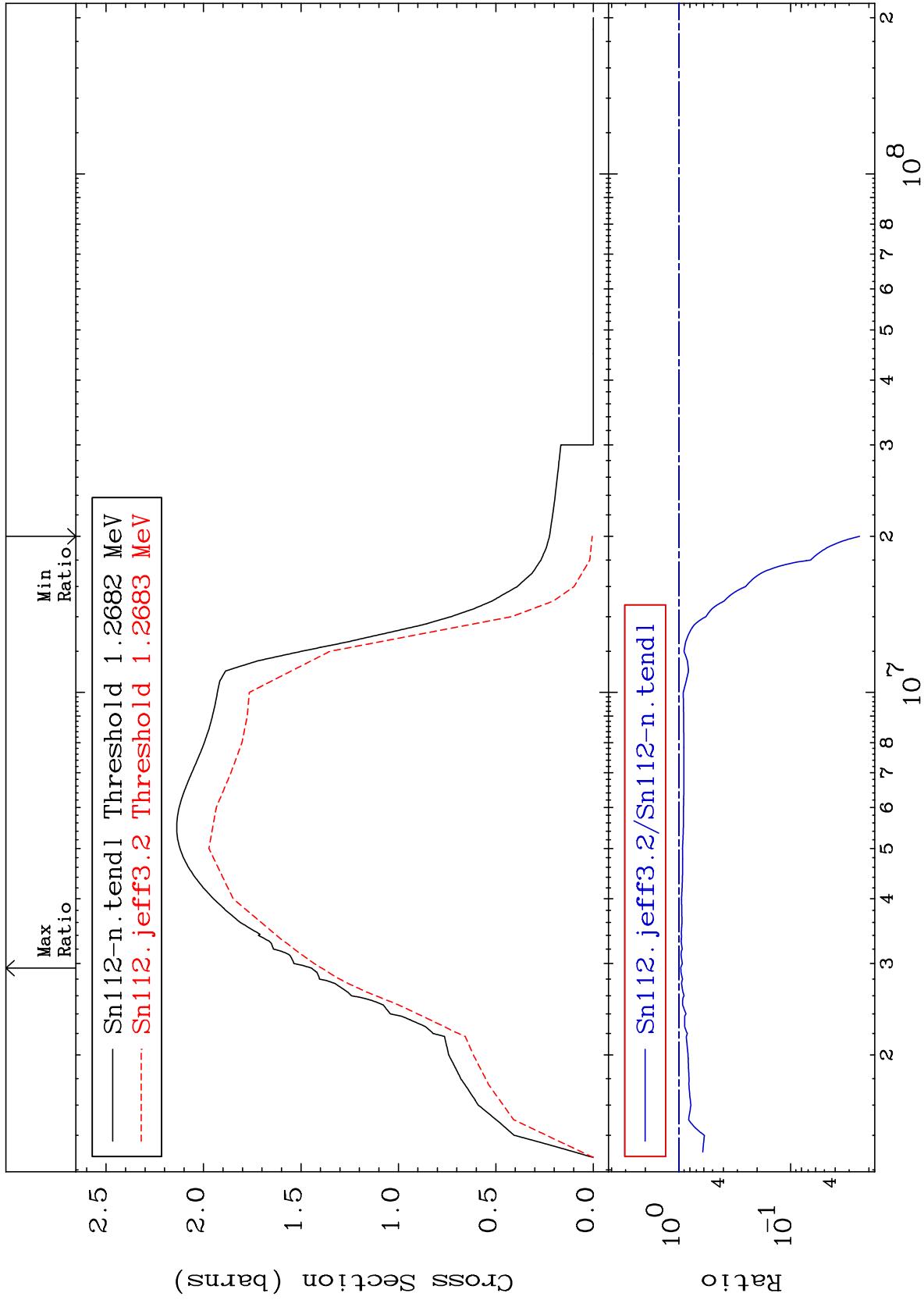
50-Sn-112
-99.50 To 9999. %



MAT 5025

Inelastic
Cross Section

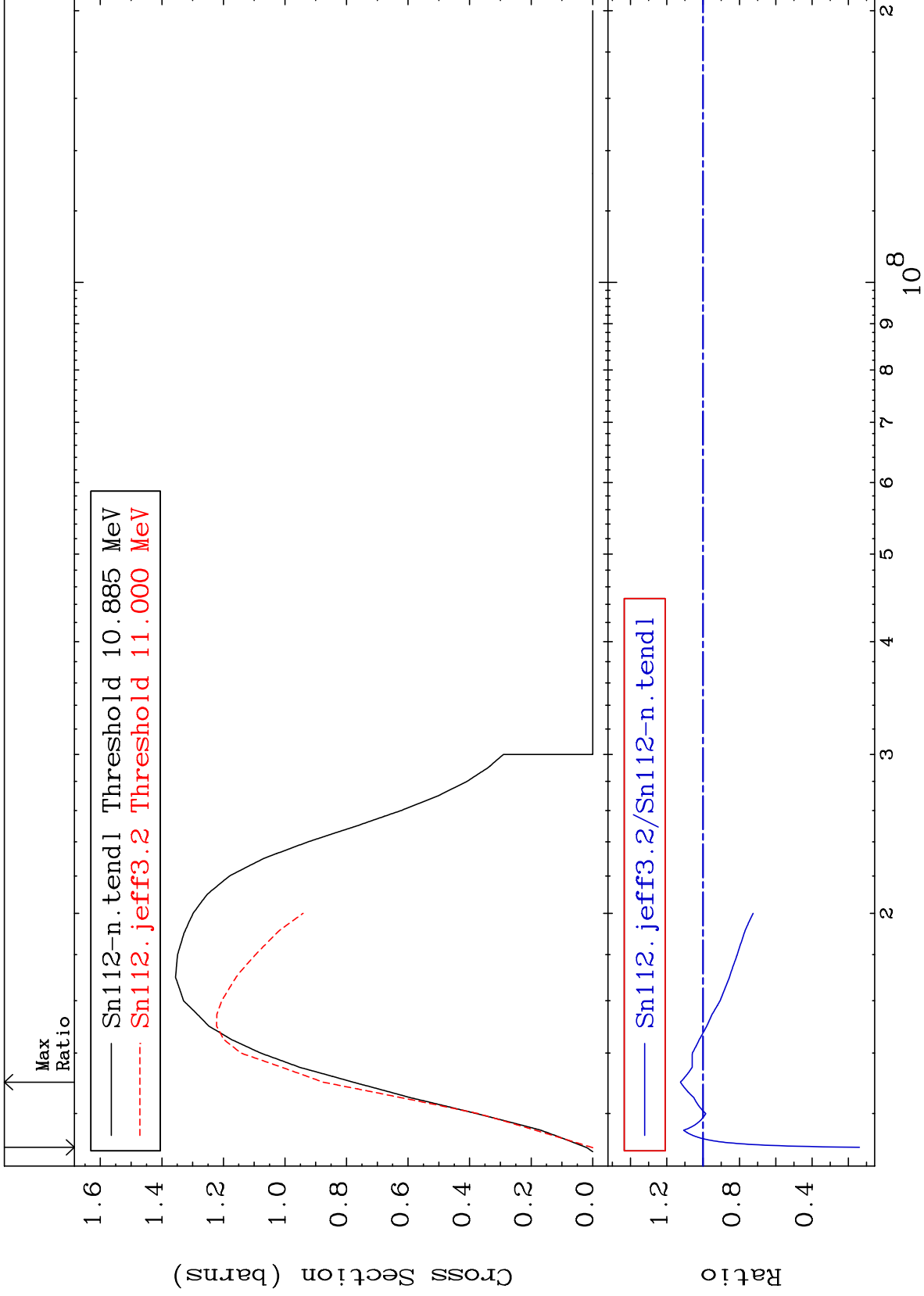
50-Sn-112
-97.58 To -3.675%



MAT 5025

(n,2n)
Cross Section

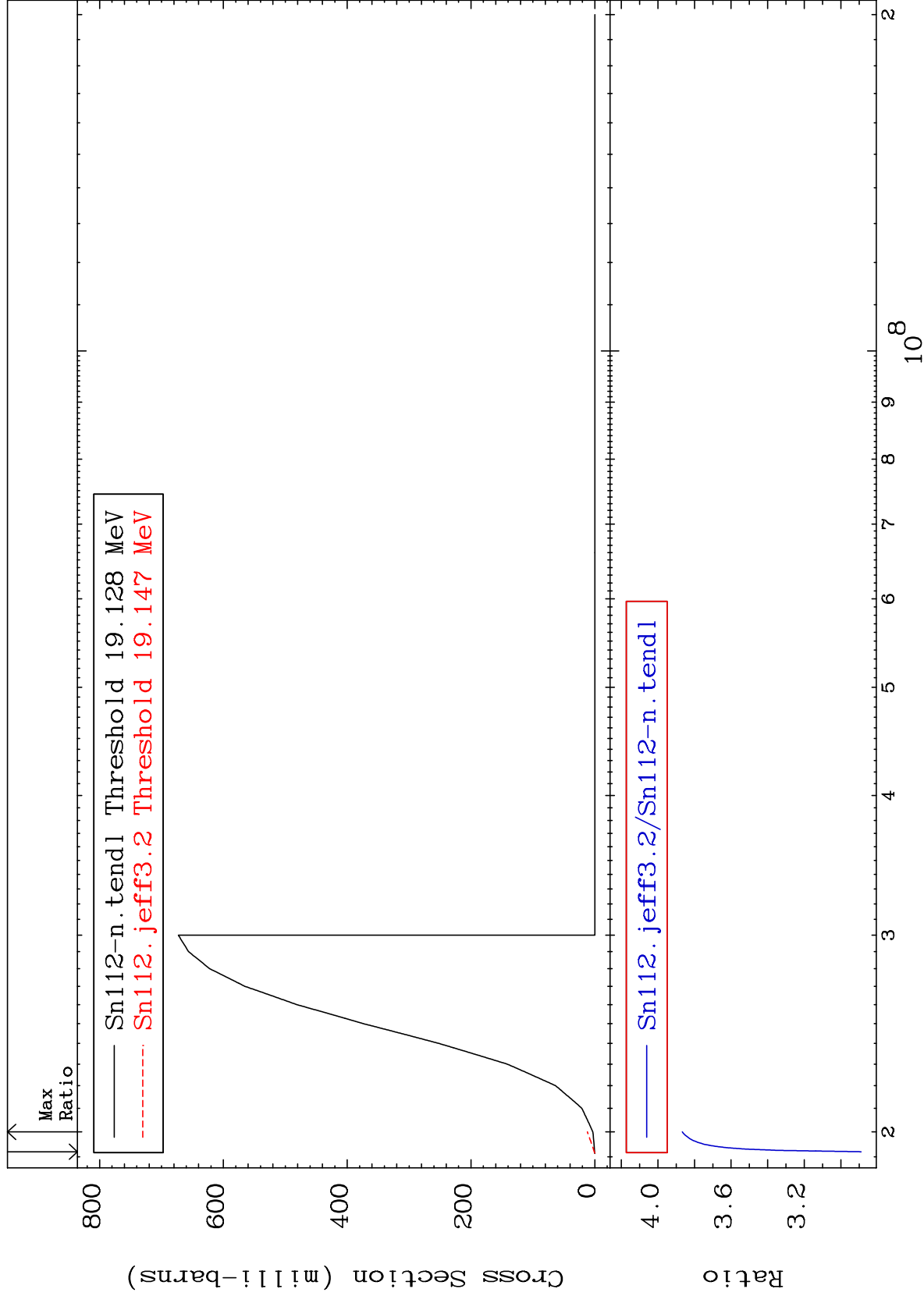
50-Sn-112
-86.10 To 12.54 %



MAT 5025

(n,3n)
Cross Section

50-Sn-112
188.9 To 286.6 %



5

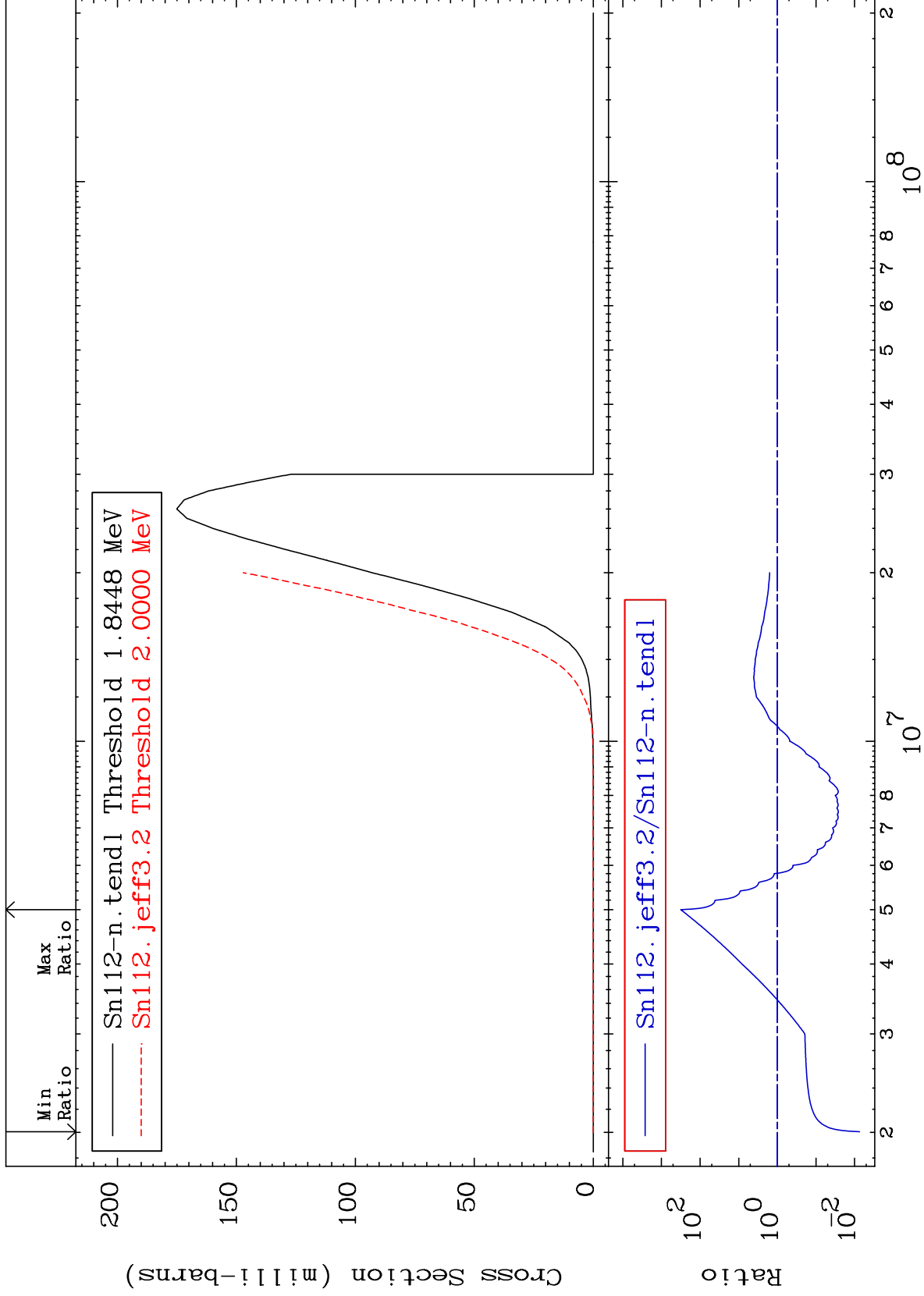
Incident Energy (eV)

50-Sn-112

MAT 5025

(n,n') α
Cross Section

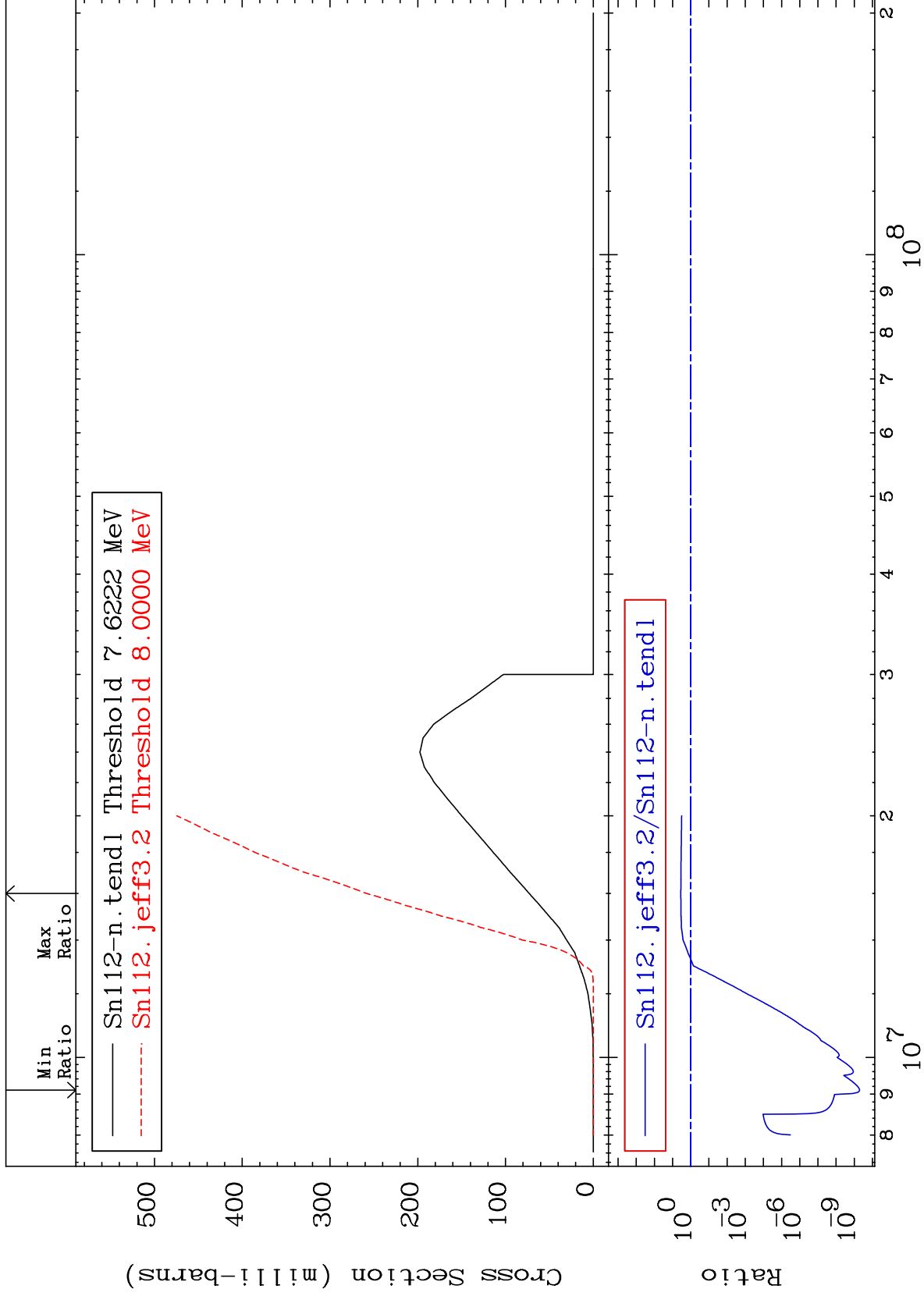
50-Sn-112
-99.25 To 9999. %



MAT 5025

(n,n') p
Cross Section

50-Sn-112
-100.0 To 254.3 %



7

Incident Energy (eV)

50-Sn-112

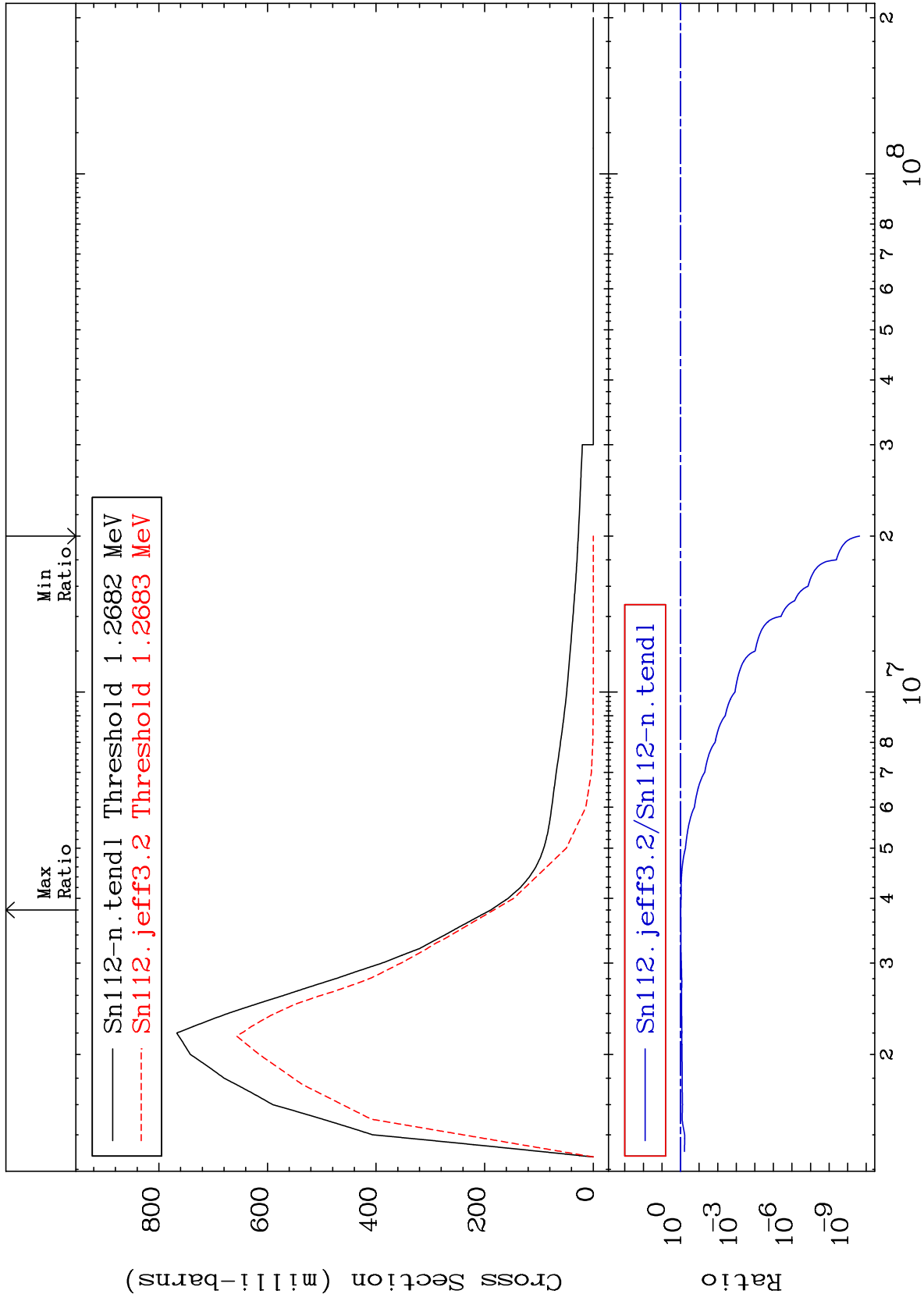
MAT 5025

1.257 MeV (n,n') Level

50-Sn-112

-100.0 To -2.936%

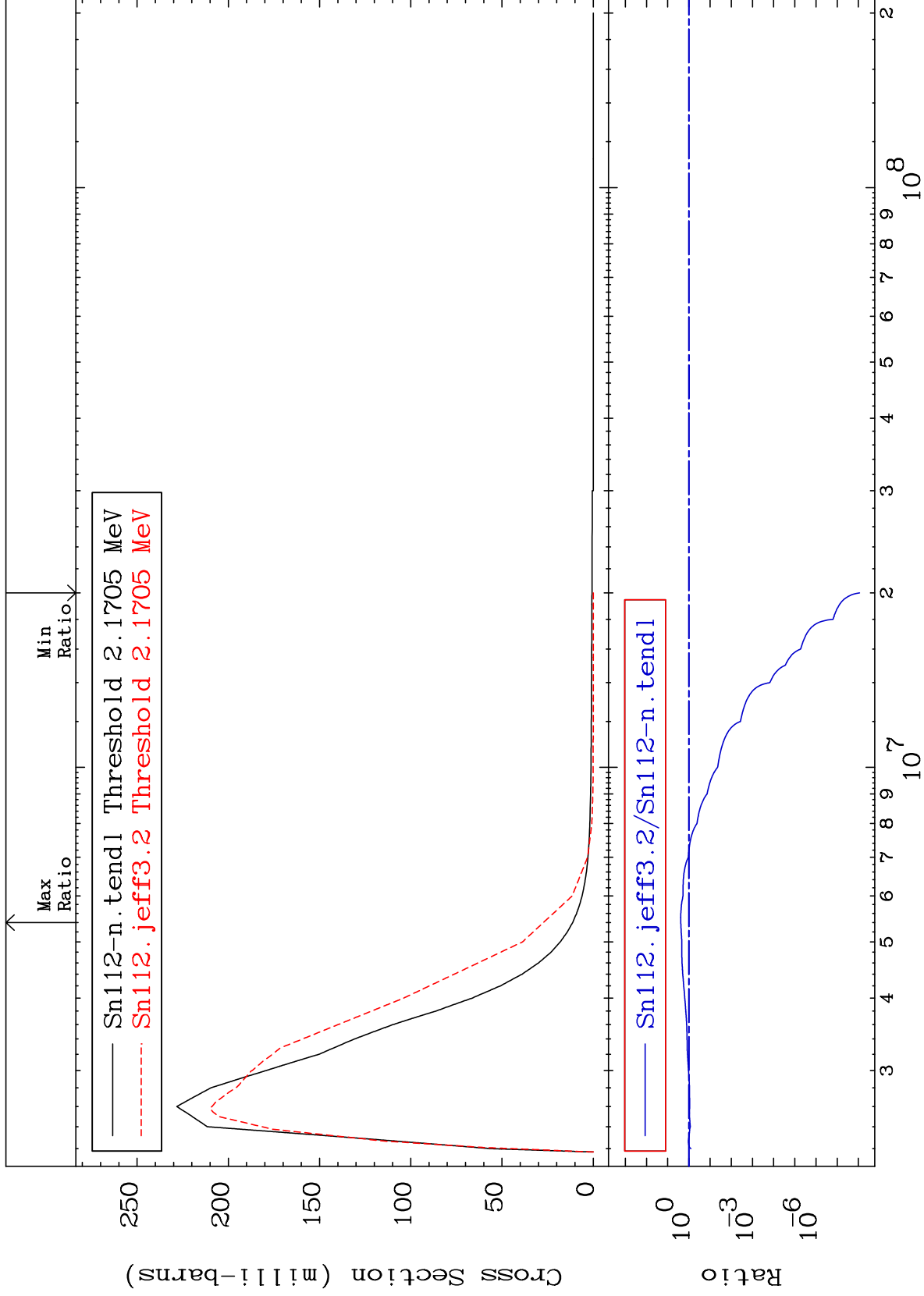
Cross Section



MAT 5025

2.151 MeV (n,n') Level
Cross Section

50-Sn-112
-100.0 To 141.3 %

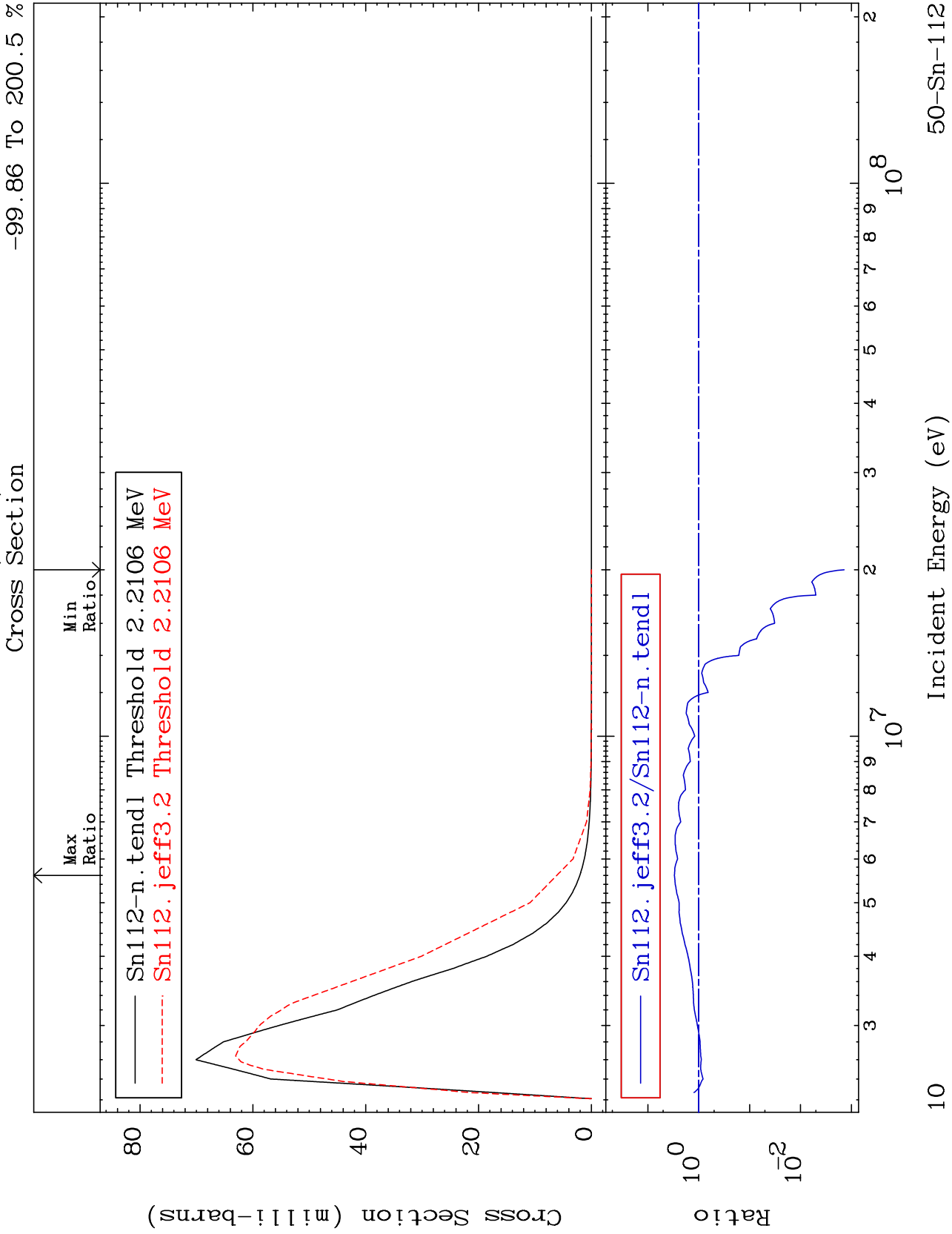


MAT 5025

2.191 MeV (n,n') Level

50-Sn-112

-99.86 To 200.5 %



10

Incident Energy (eV)

50-Sn-112

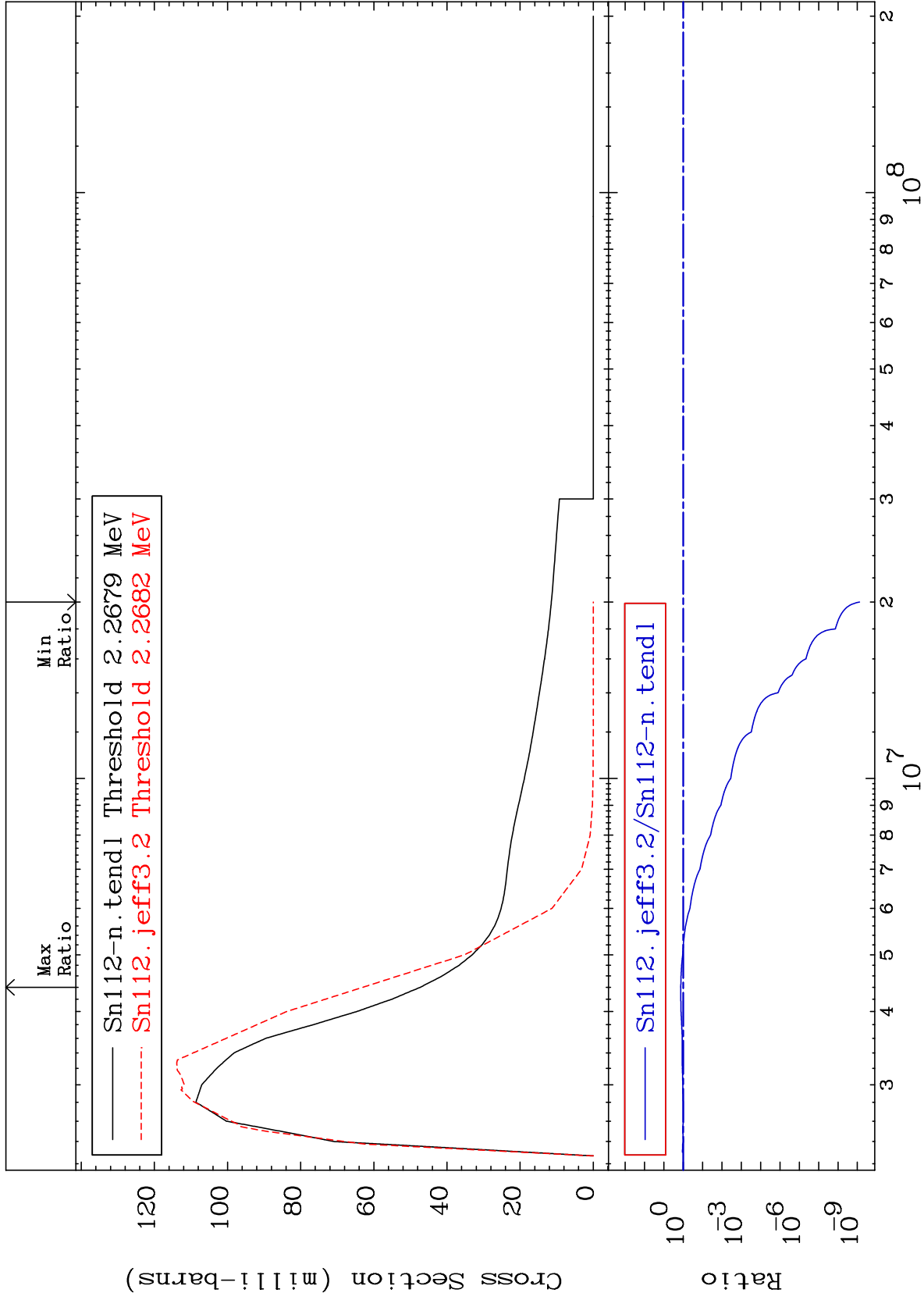
MAT 5025

2.248 MeV (n,n') Level

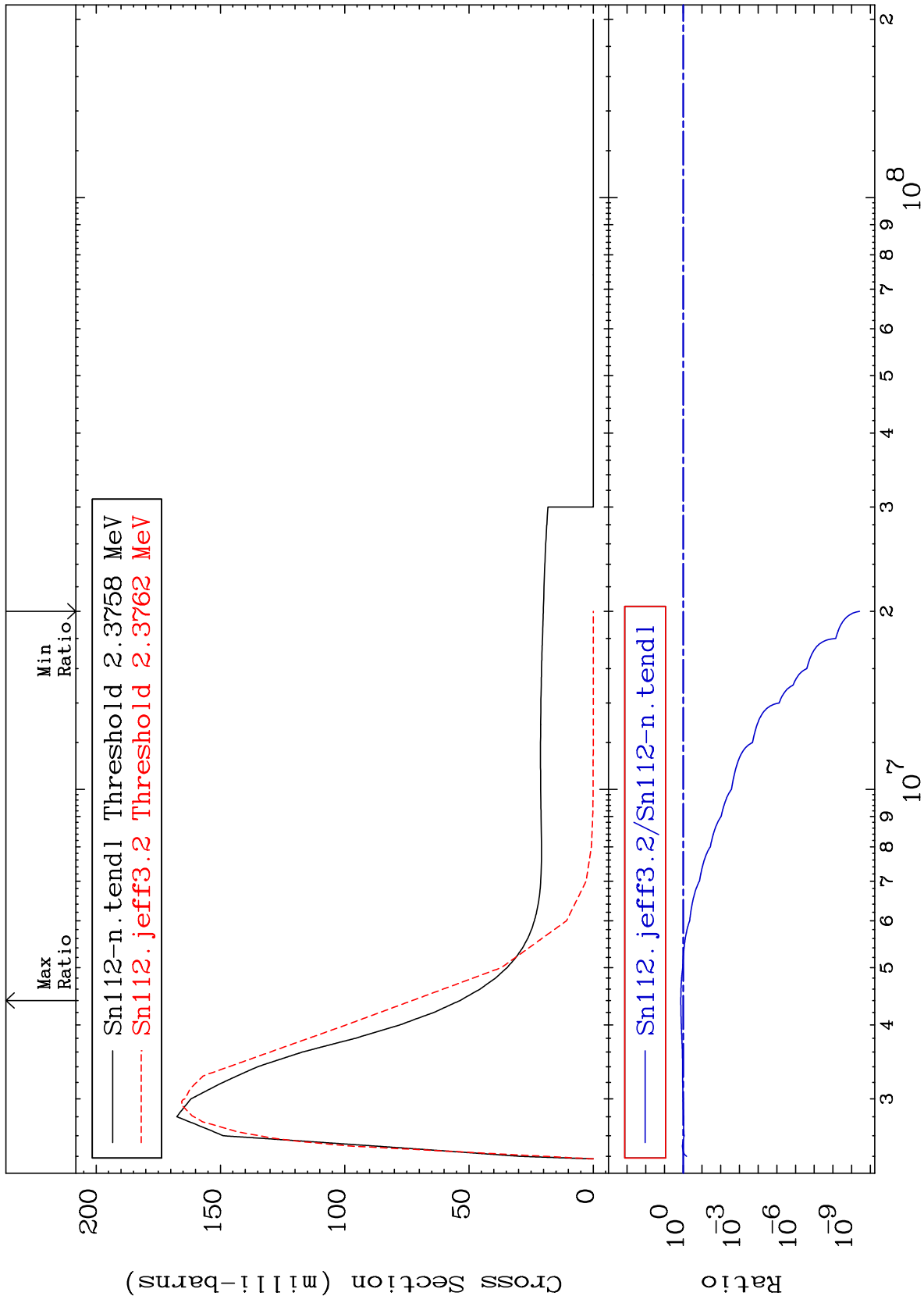
50-Sn-112

-100.0 To 33.28 %

Cross Section



MAT 5025 2.355 MeV (n,n') Level 50-Sn-112
 Cross Section -100.0 To 35.88 %



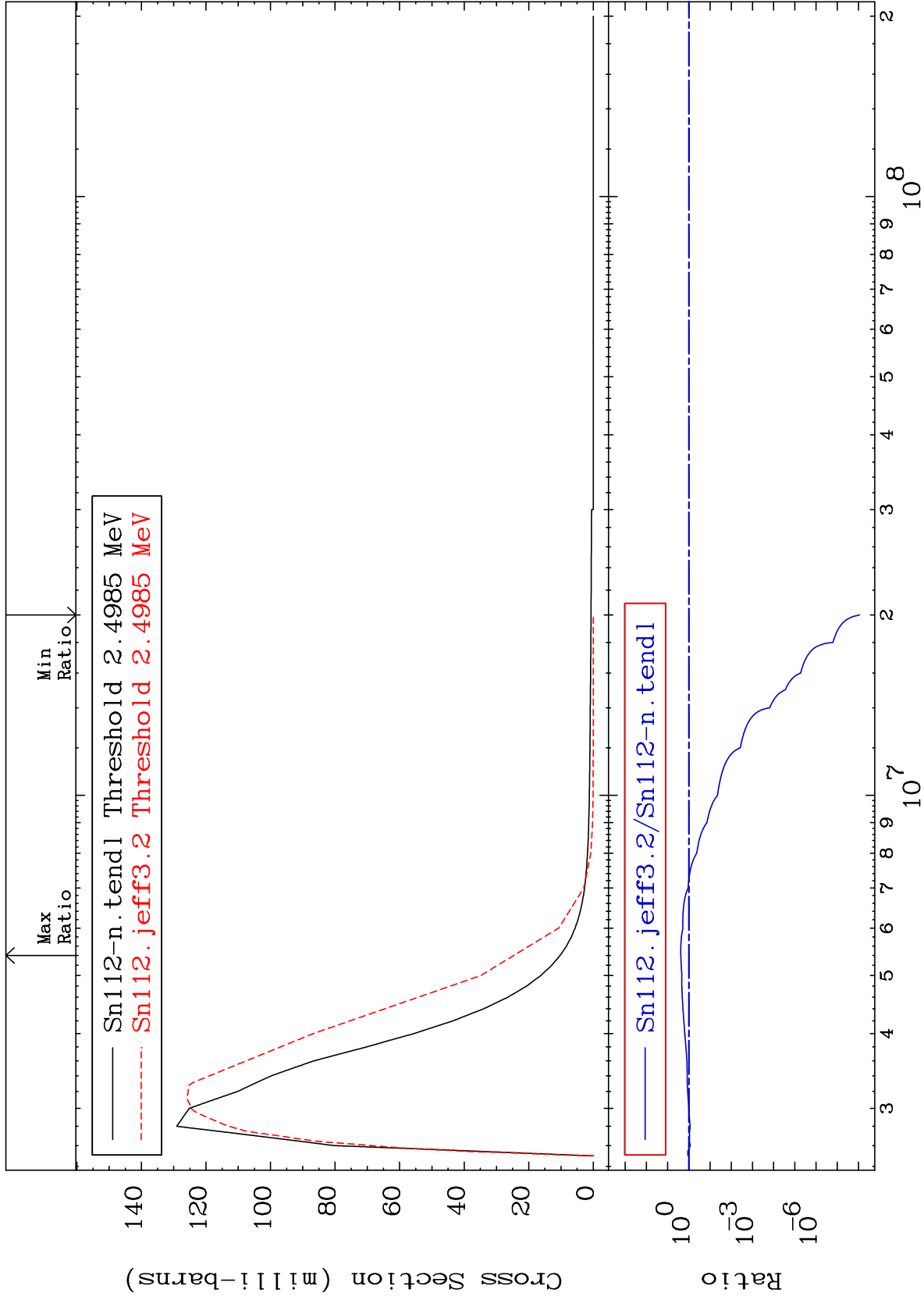
MAT 5025

2.476 MeV (n,n') Level

50-Sn-112

-100.0 To 140.0 %

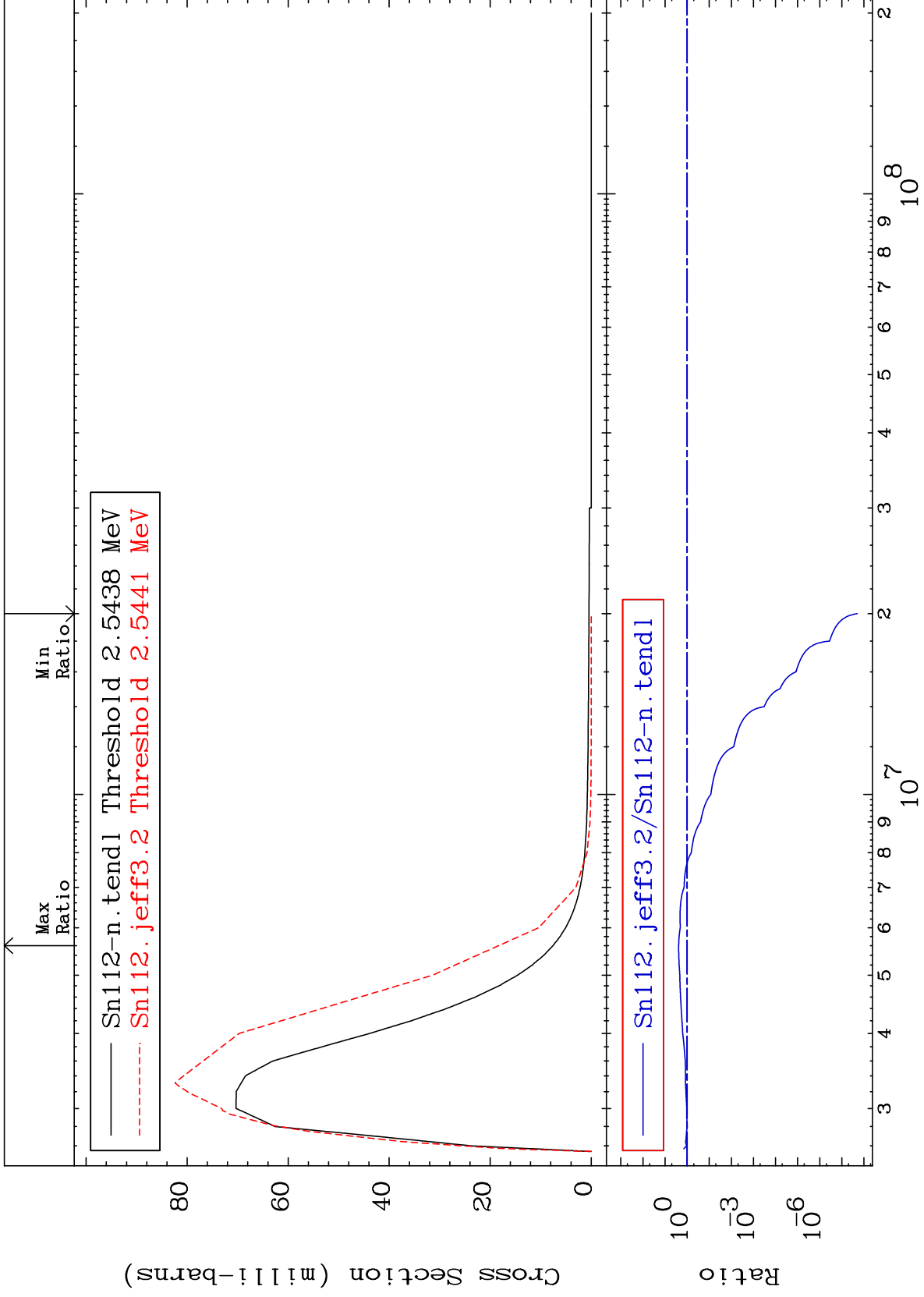
Cross Section



MAT 5025

2.521 MeV (n,n') Level
Cross Section

50-Sn-112
-100.0 To 142.6 %



14

50-Sn-112

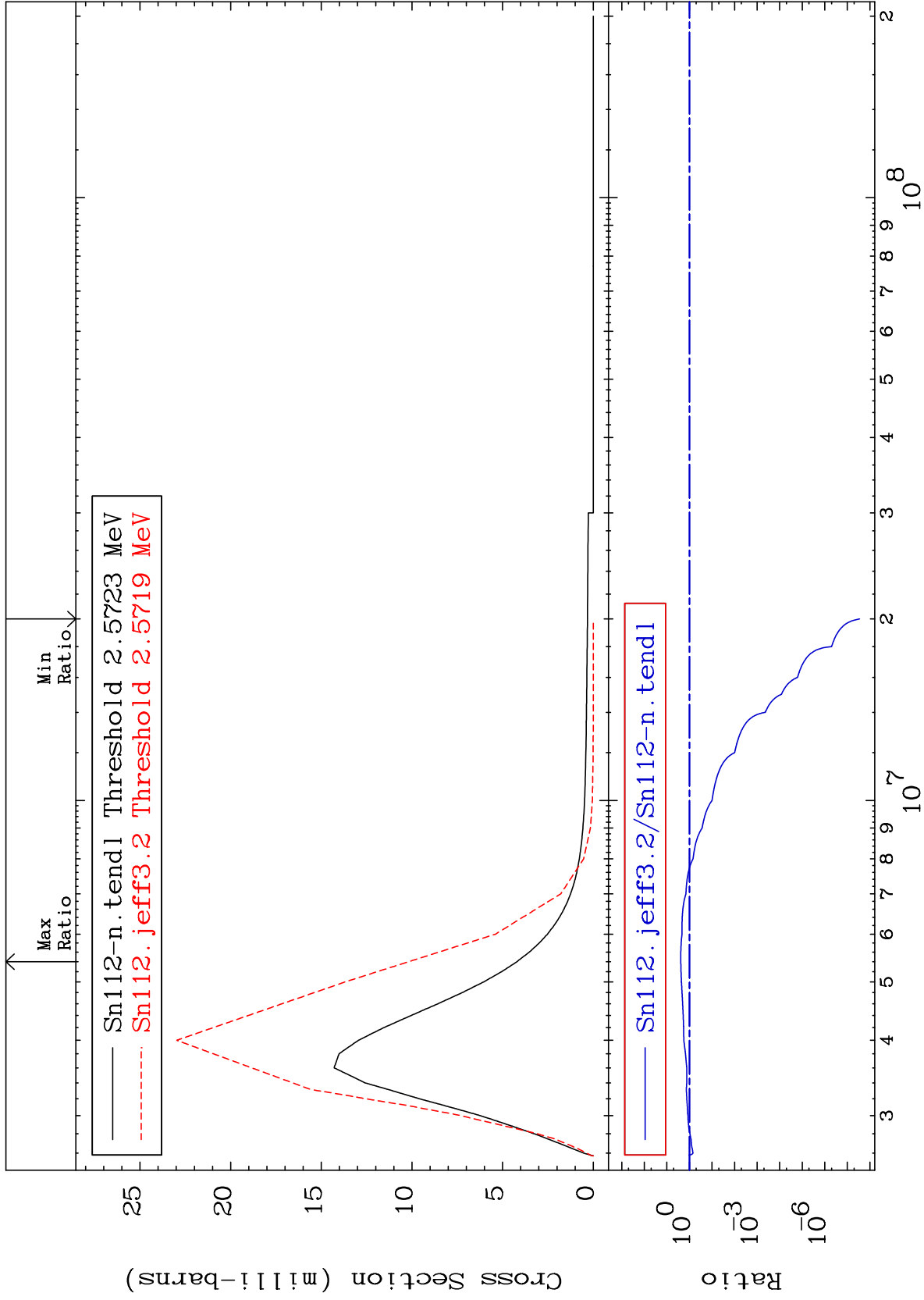
MAT 5025

2.549 MeV (n,n') Level

50-Sn-112

-100.0 To 141.8 %

Cross Section



15

Incident Energy (eV)

50-Sn-112

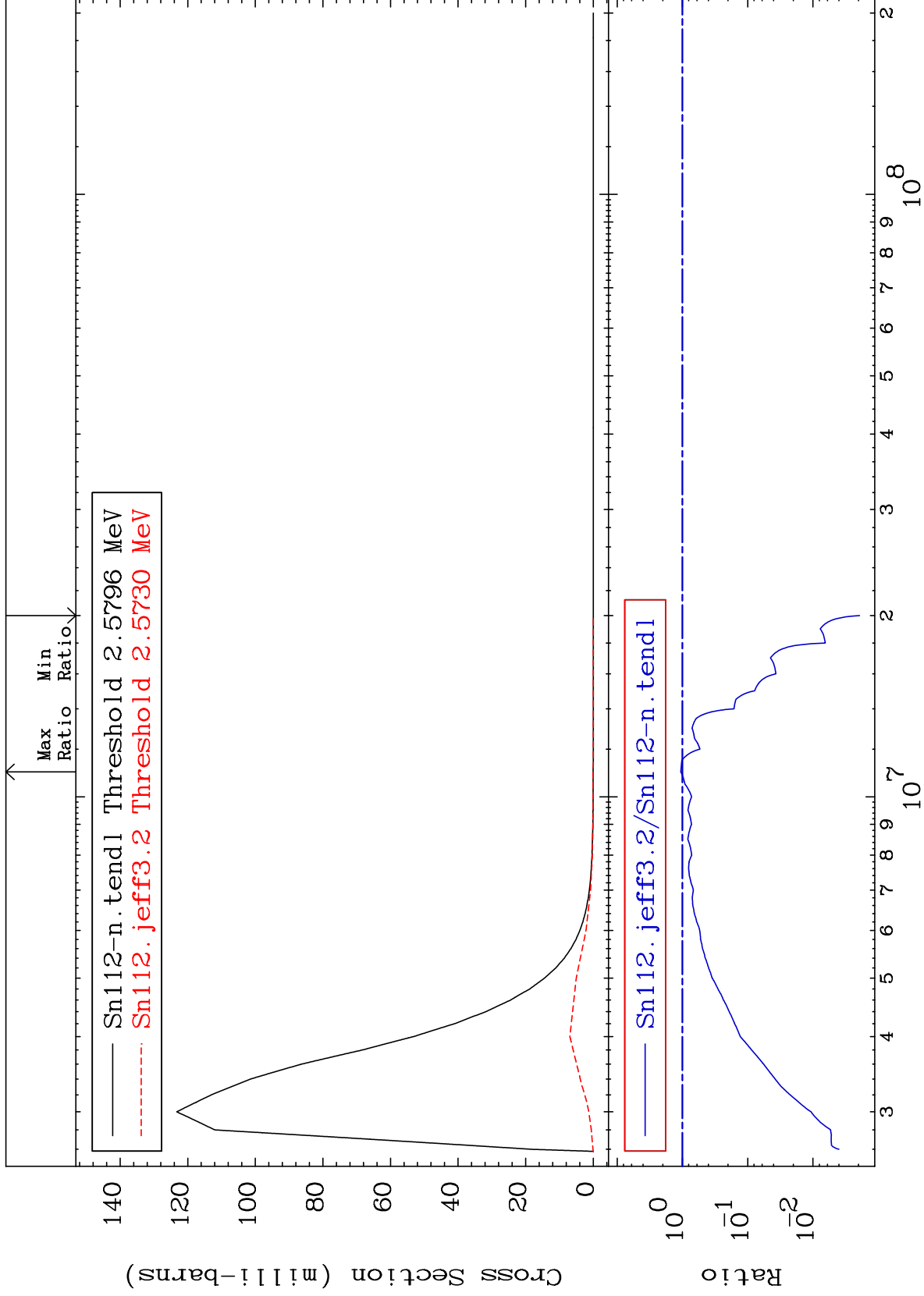
MAT 5025

2.557 MeV (n,n') Level

50-Sn-112

-99.81 To 5.971 %

Cross Section



16

Incident Energy (eV)

50-Sn-112

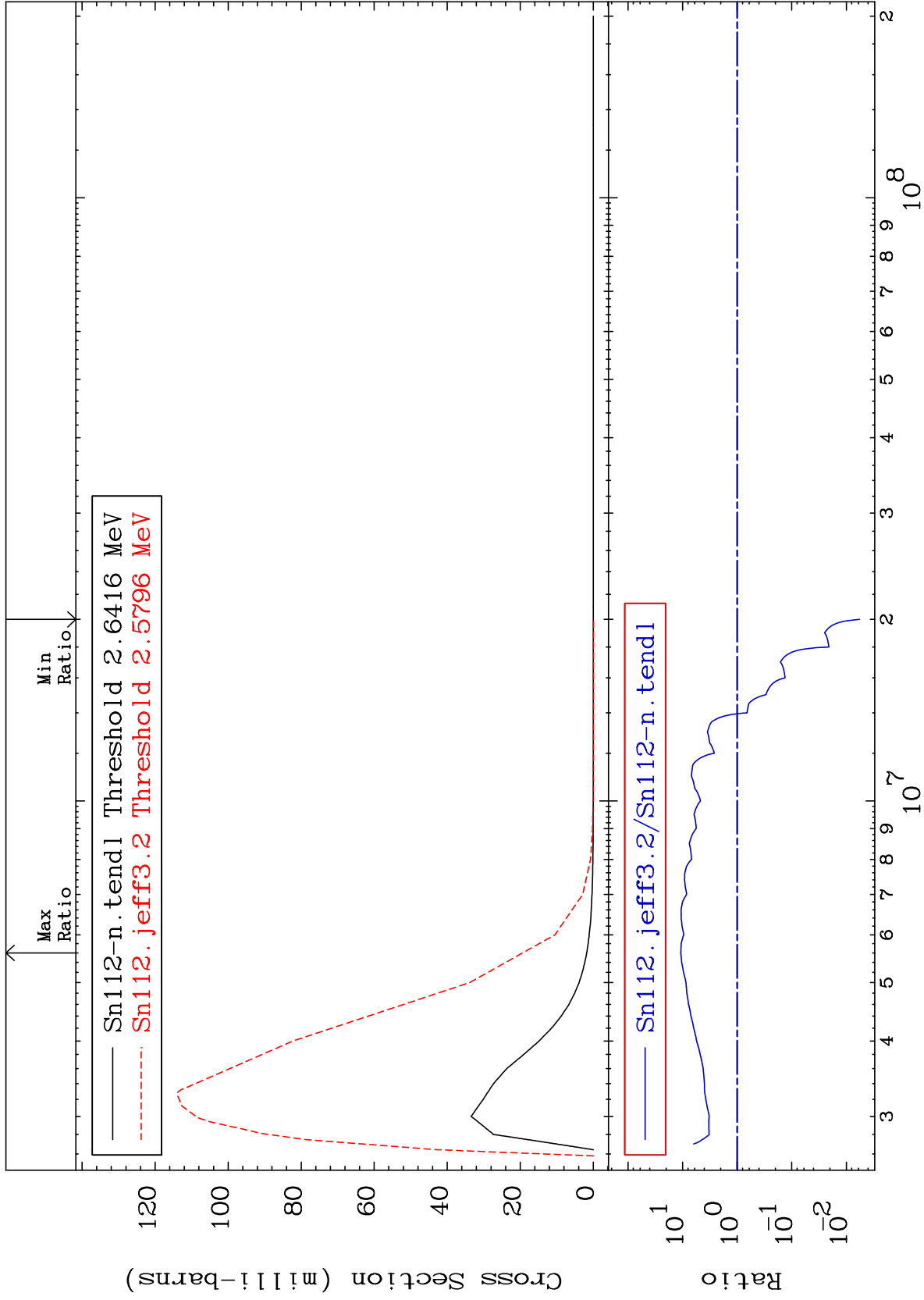
MAT 5025

2.618 MeV (n,n') Level

50-Sn-112

-99.43 To 981.3 %

Cross Section



17

Incident Energy (eV)

50-Sn-112

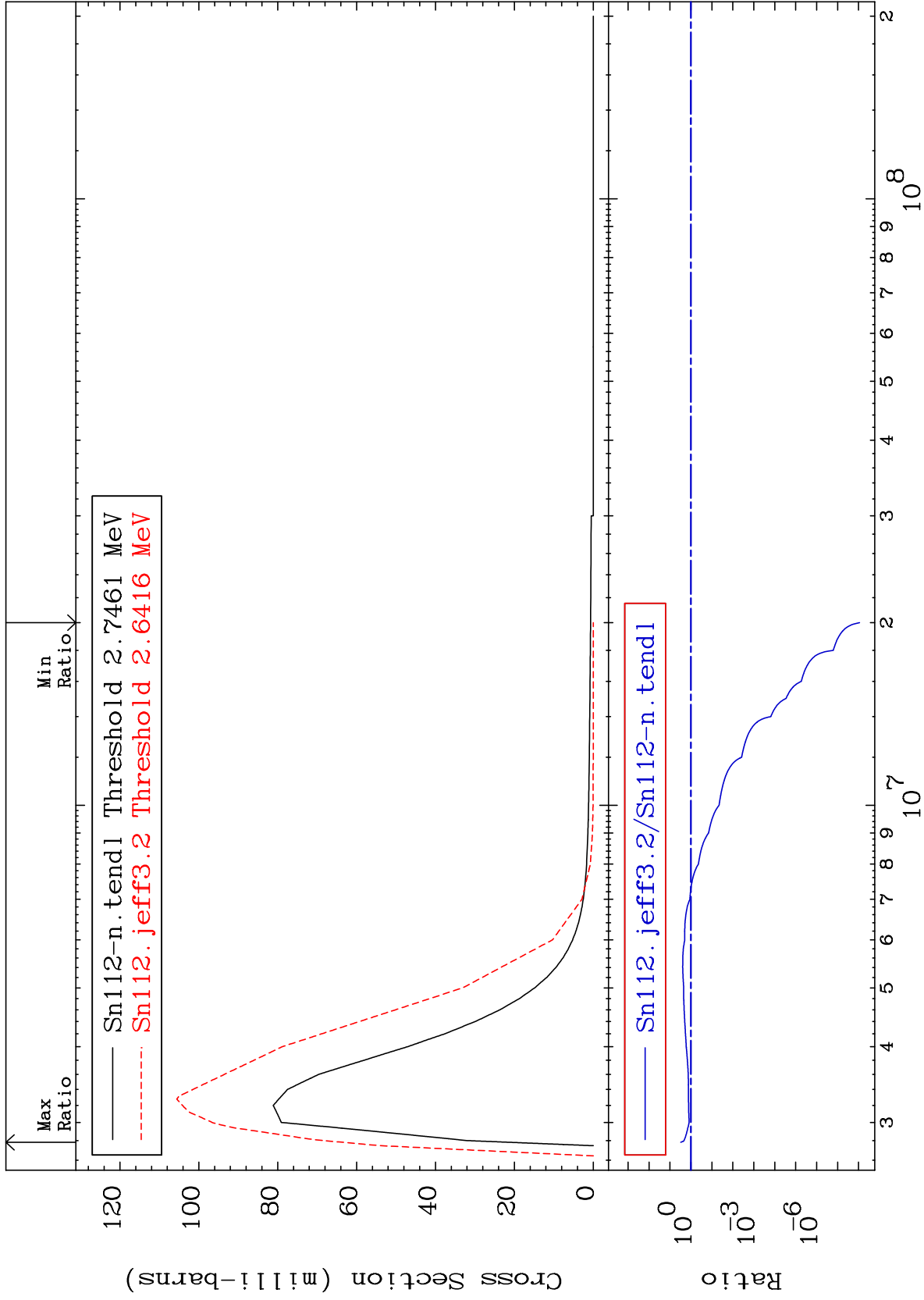
MAT 5025

2.722 MeV (n,n') Level

50-Sn-112

-100.0 To 205.5 %

Cross Section



18

Incident Energy (eV)

50-Sn-112

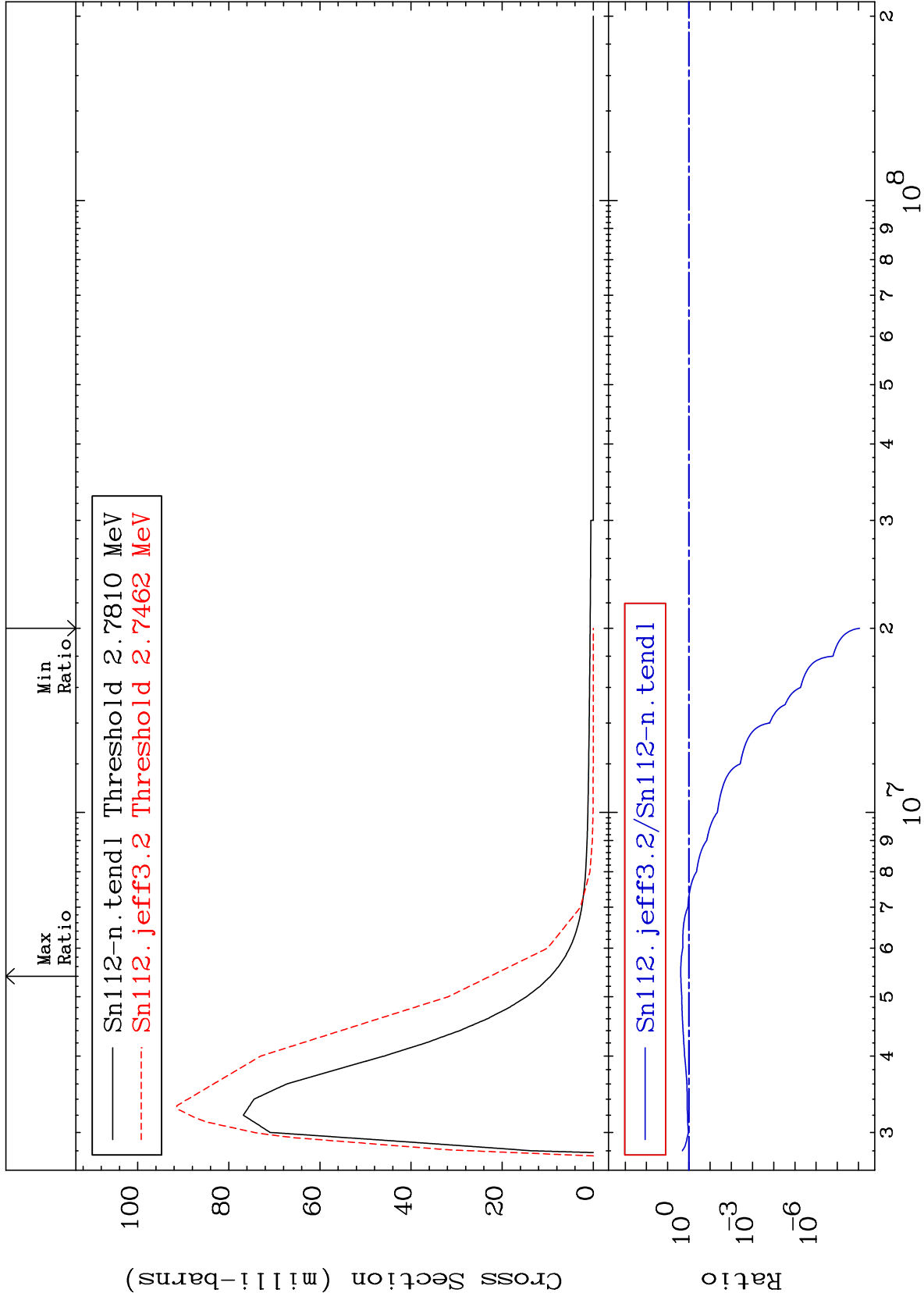
MAT 5025

2.756 MeV (n,n') Level

50-Sn-112

-100.0 To 141.1 %

Cross Section



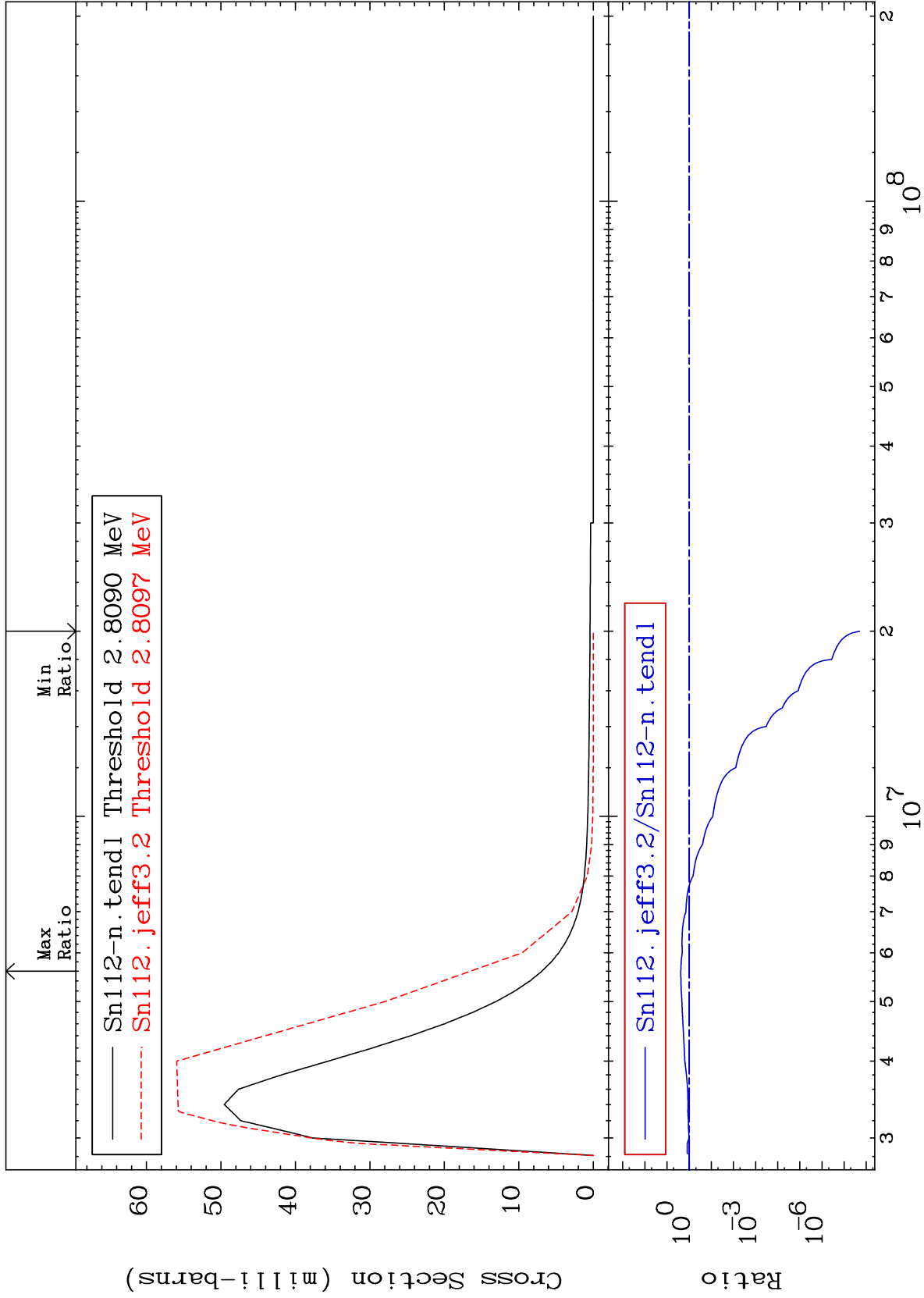
MAT 5025

2.784 MeV (n,n') Level

50-Sn-112

-100.0 To 139.4 %

Cross Section



20

Incident Energy (eV)

50-Sn-112

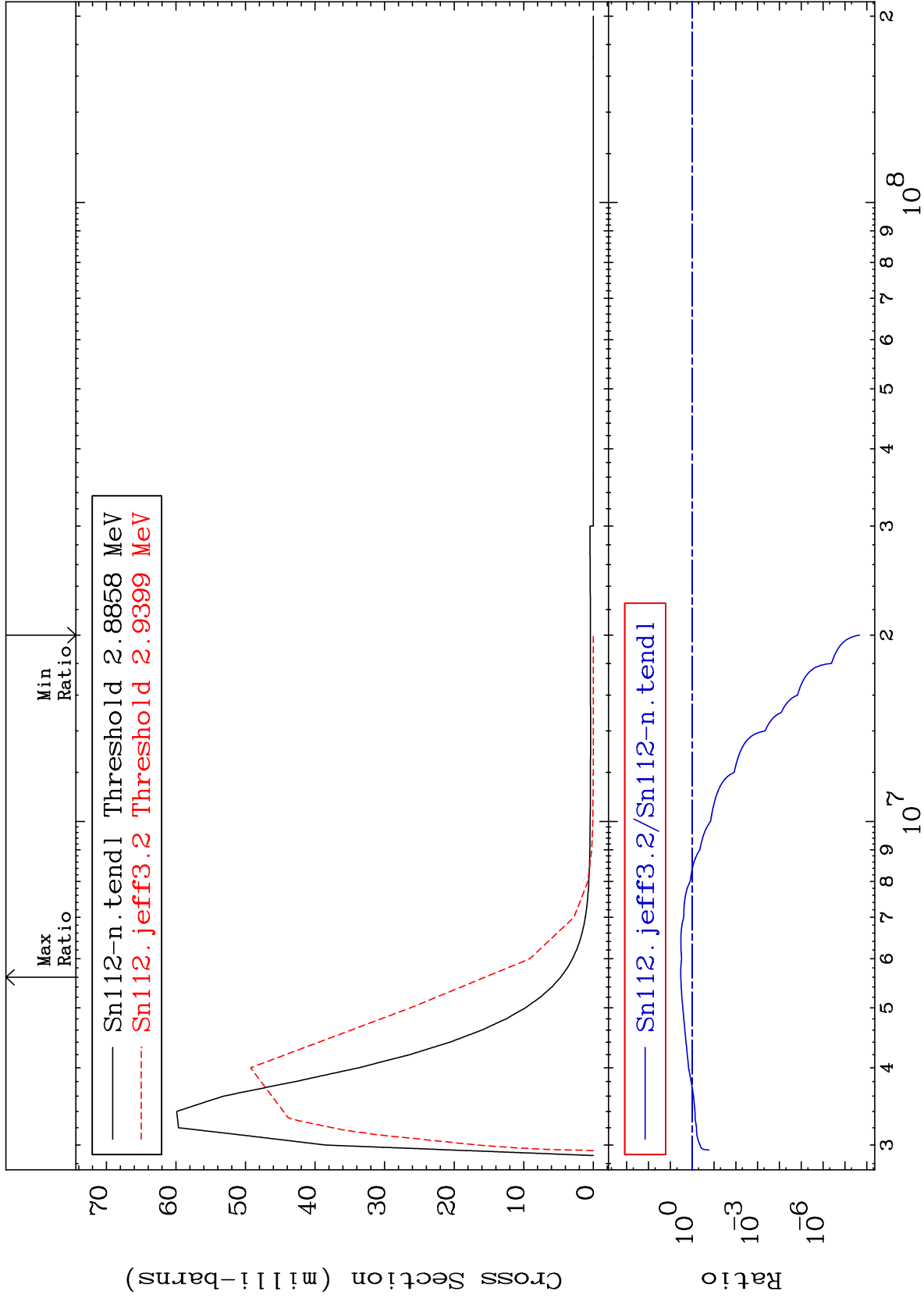
MAT 5025

2.860 MeV (n,n') Level

50-Sn-112

-100.0 To 232.5 %

Cross Section



21

Incident Energy (eV)

50-Sn-112

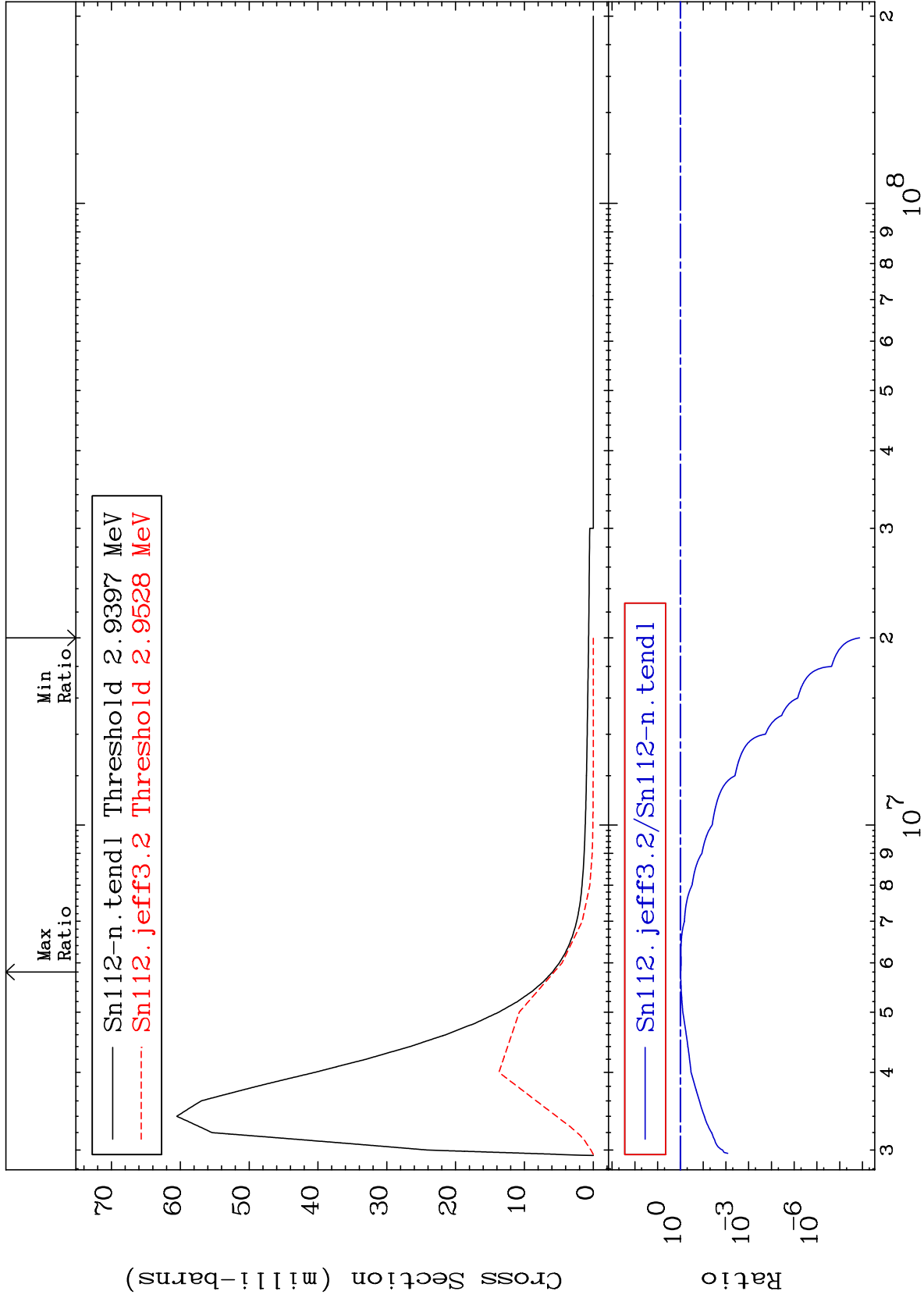
MAT 5025

2.913 MeV (n,n') Level

50-Sn-112

-100.0 To -4.031%

Cross Section



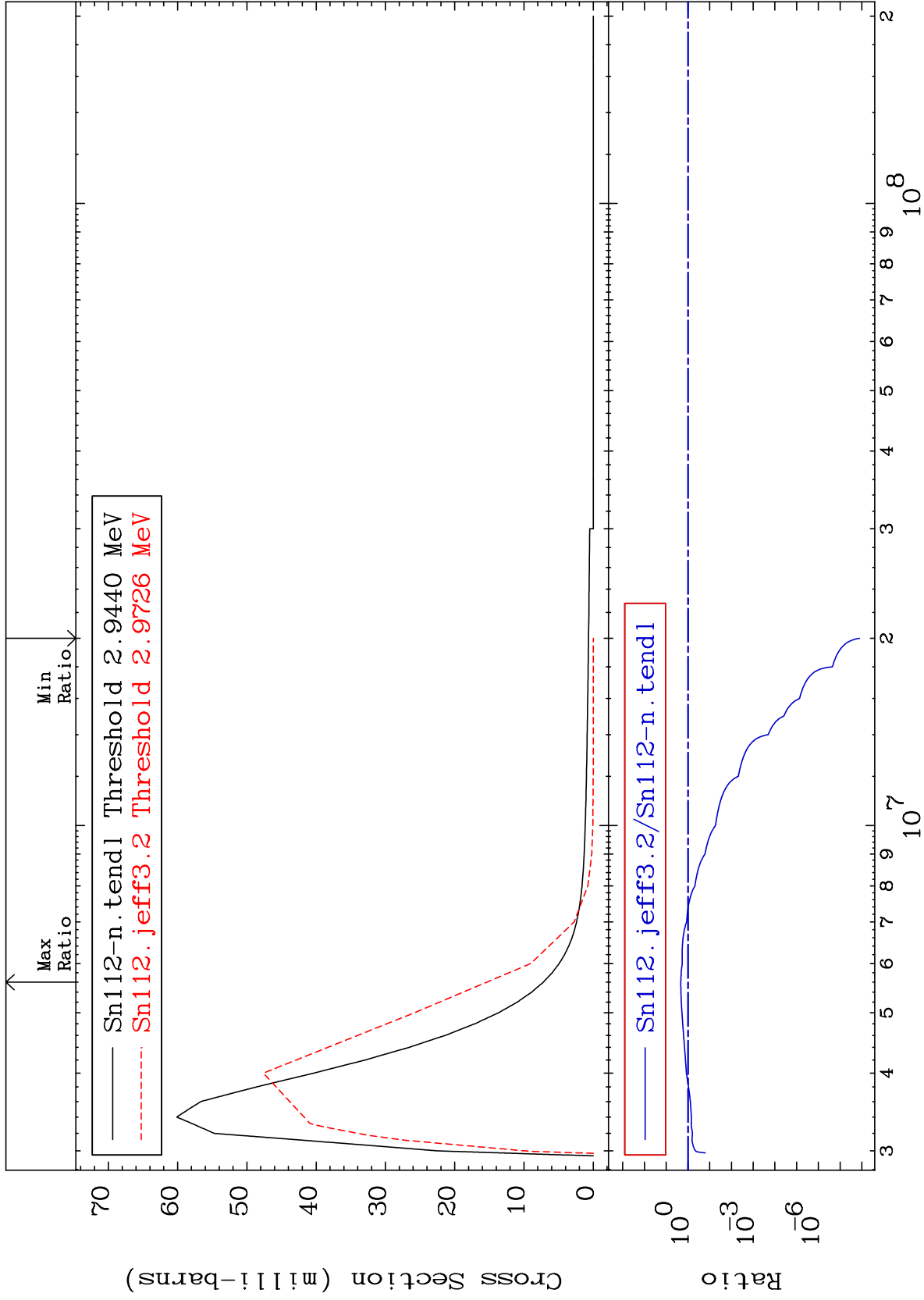
MAT 5025

2.918 MeV (n,n') Level

50-Sn-112

-100.0 To 113.4 %

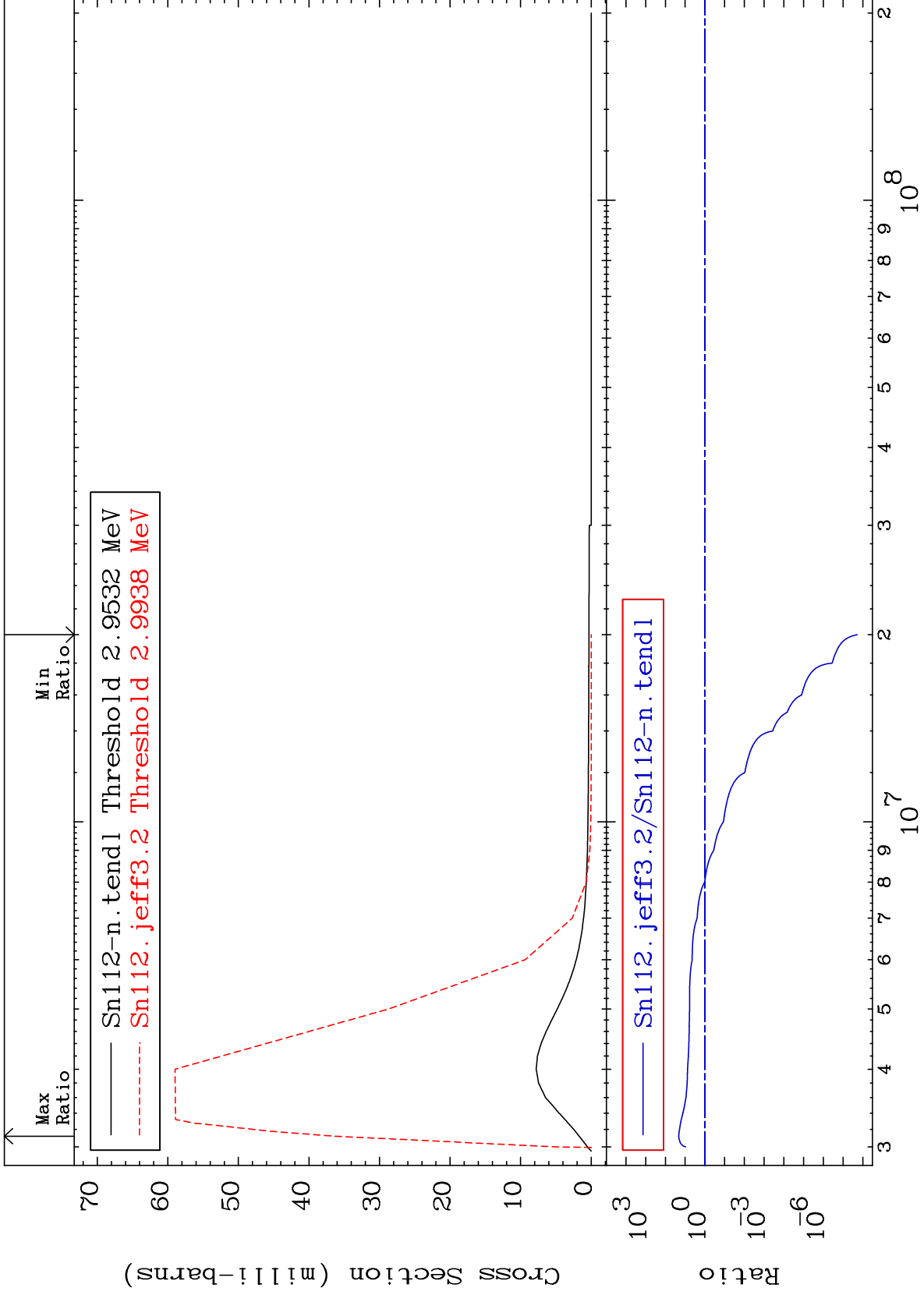
Cross Section



MAT 5025

2.927 MeV (n,n') Level
Cross Section

50-Sn-112
-100.0 To 2034. %



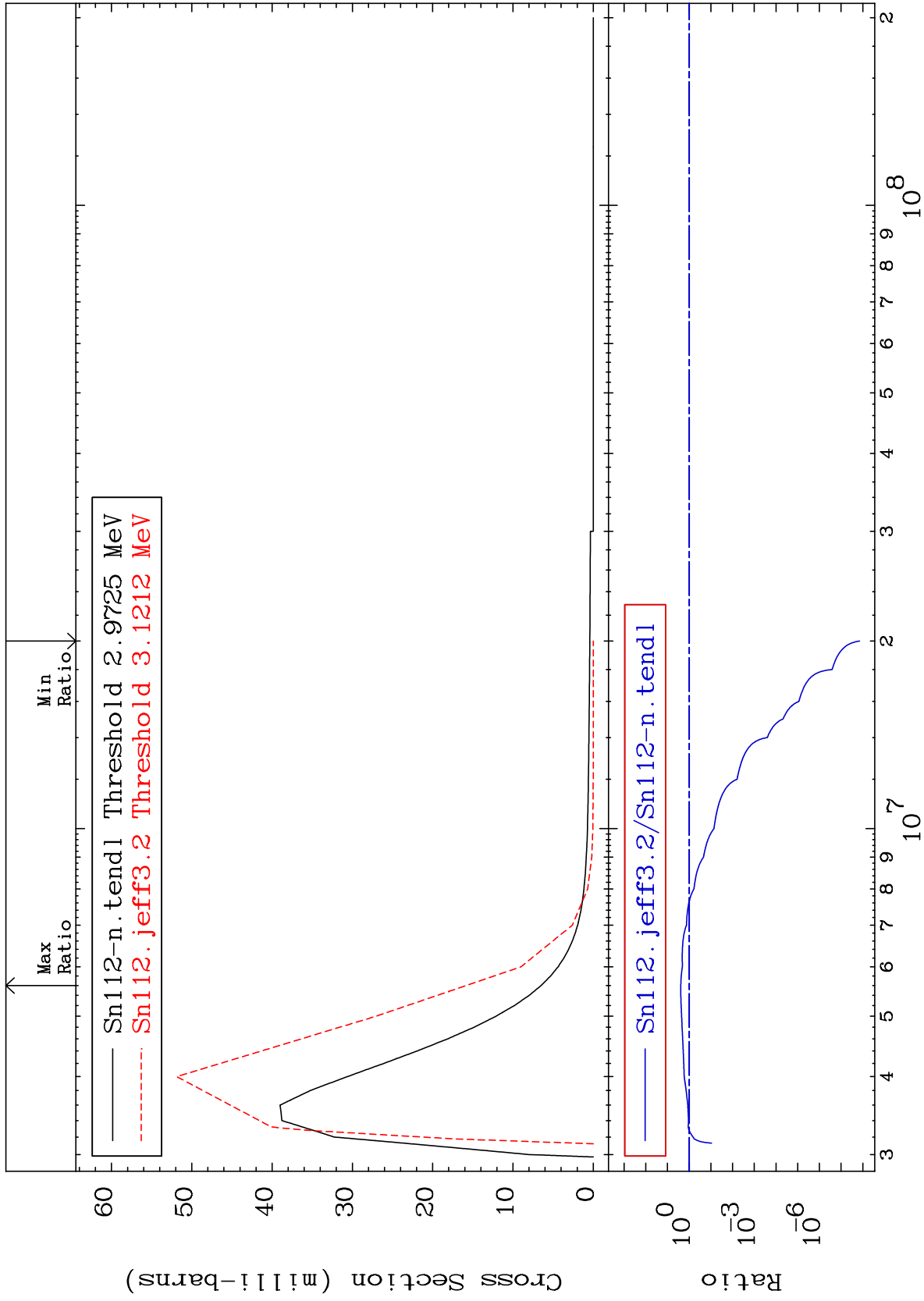
MAT 5025

2.946 MeV (n,n') Level

50-Sn-112

-100.0 To 143.9 %

Cross Section



25

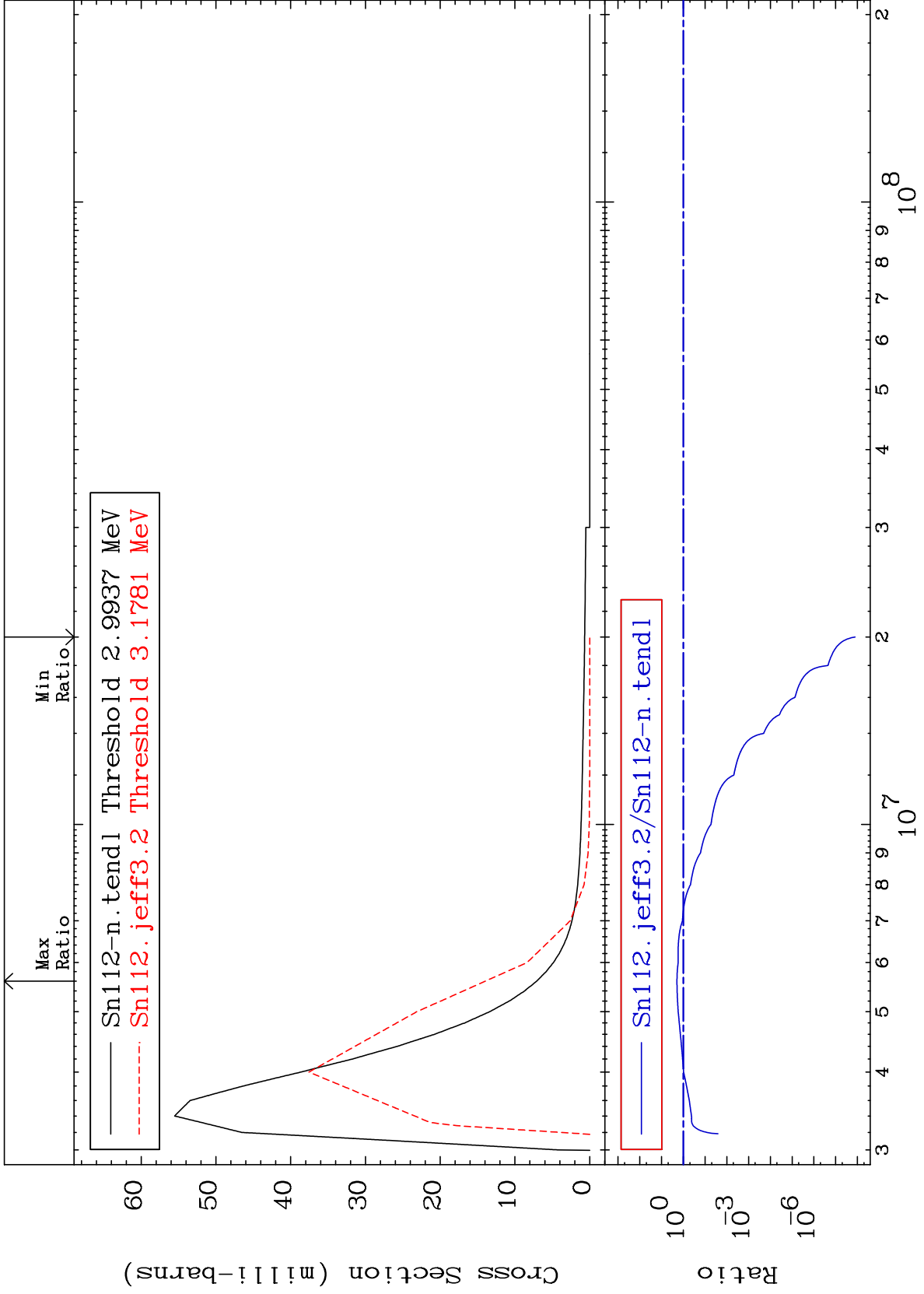
Incident Energy (eV)

50-Sn-112

MAT 5025

2.967 MeV (n,n') Level
Cross Section

50-Sn-112
-100.0 To 96.84 %



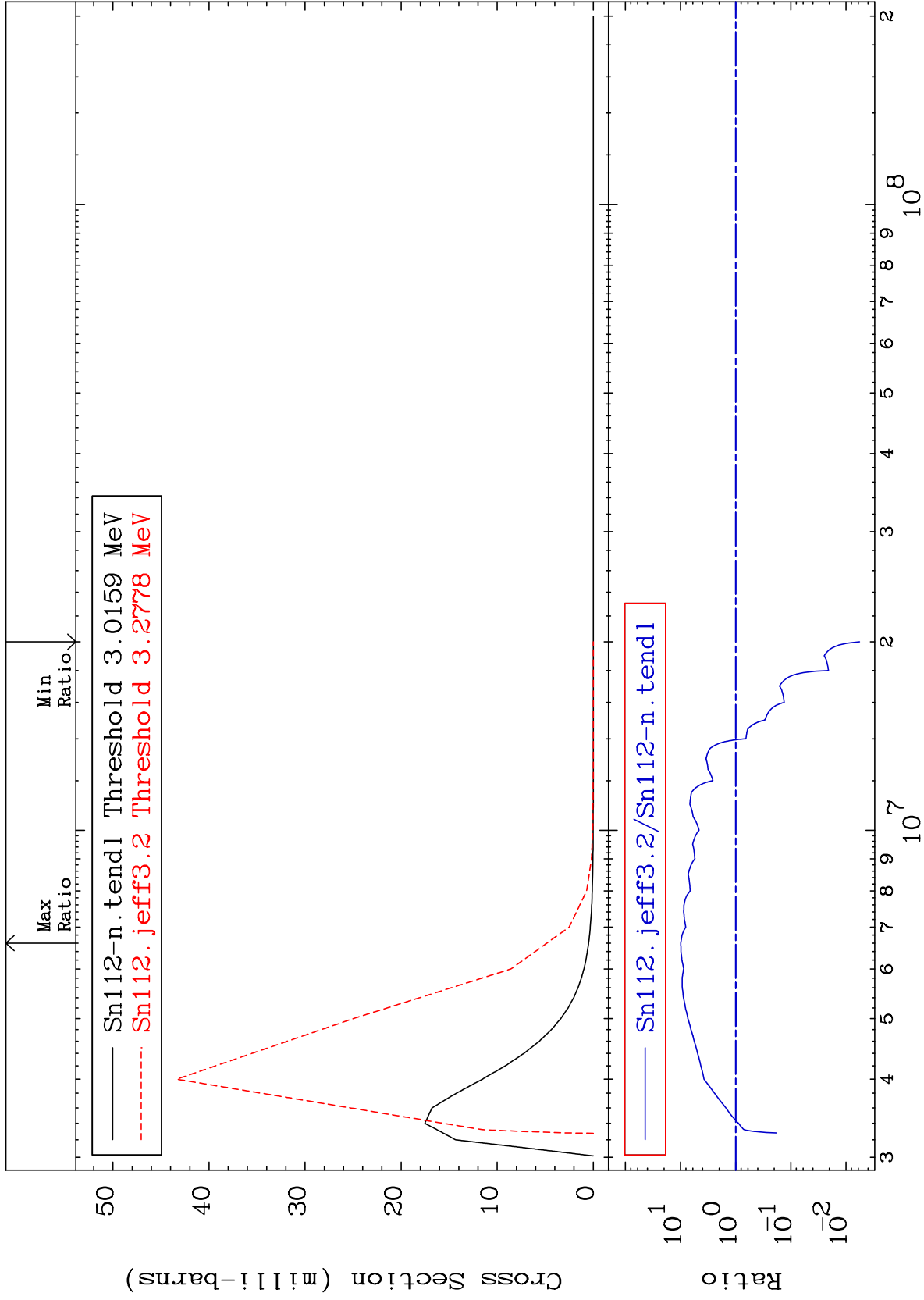
MAT 5025

2.989 MeV (n,n') Level

50-Sn-112

-99.43 To 892.4 %

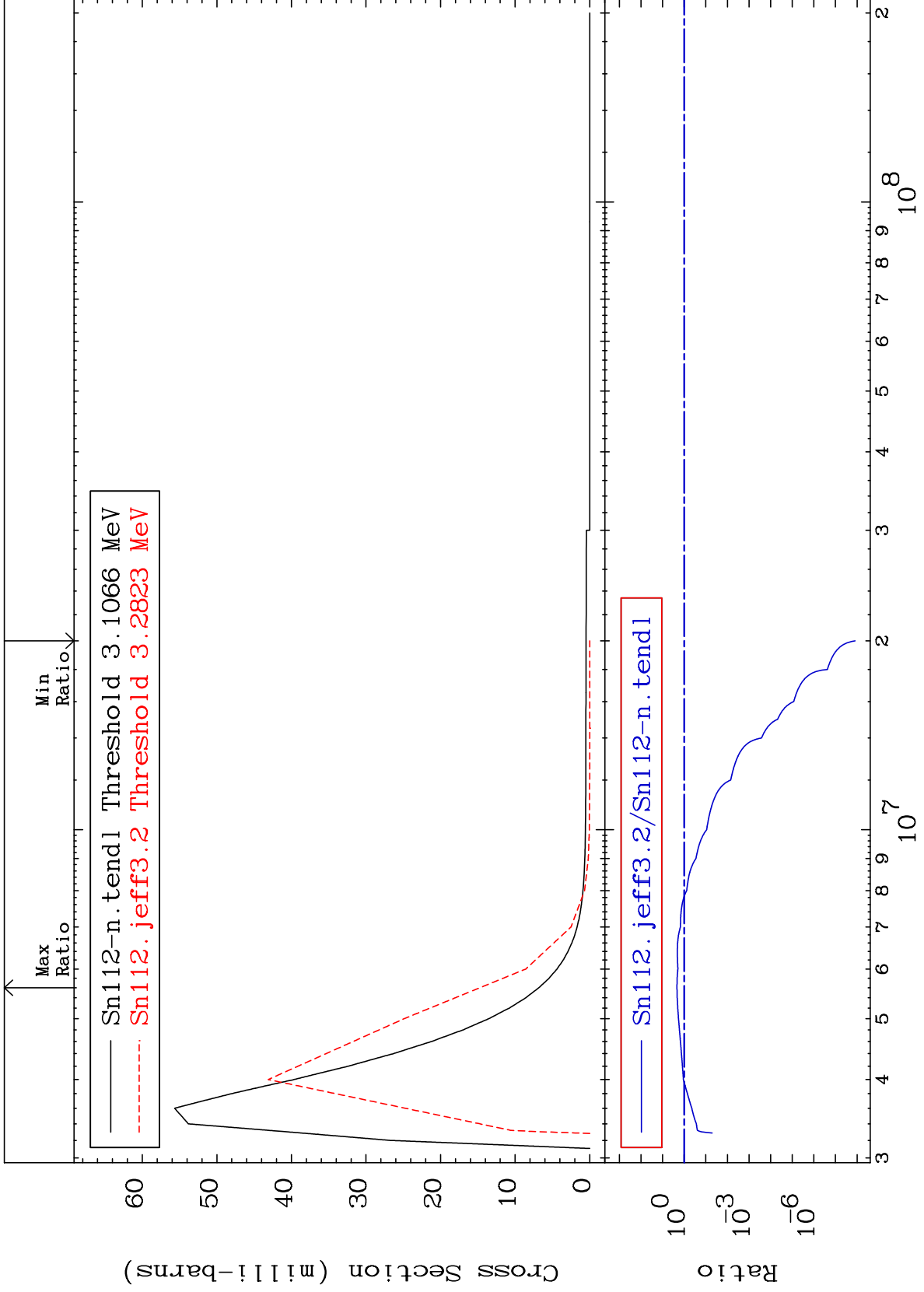
Cross Section



MAT 5025

3.079 MeV (n,n') Level
Cross Section

50-Sn-112
-100.0 To 116.2 %



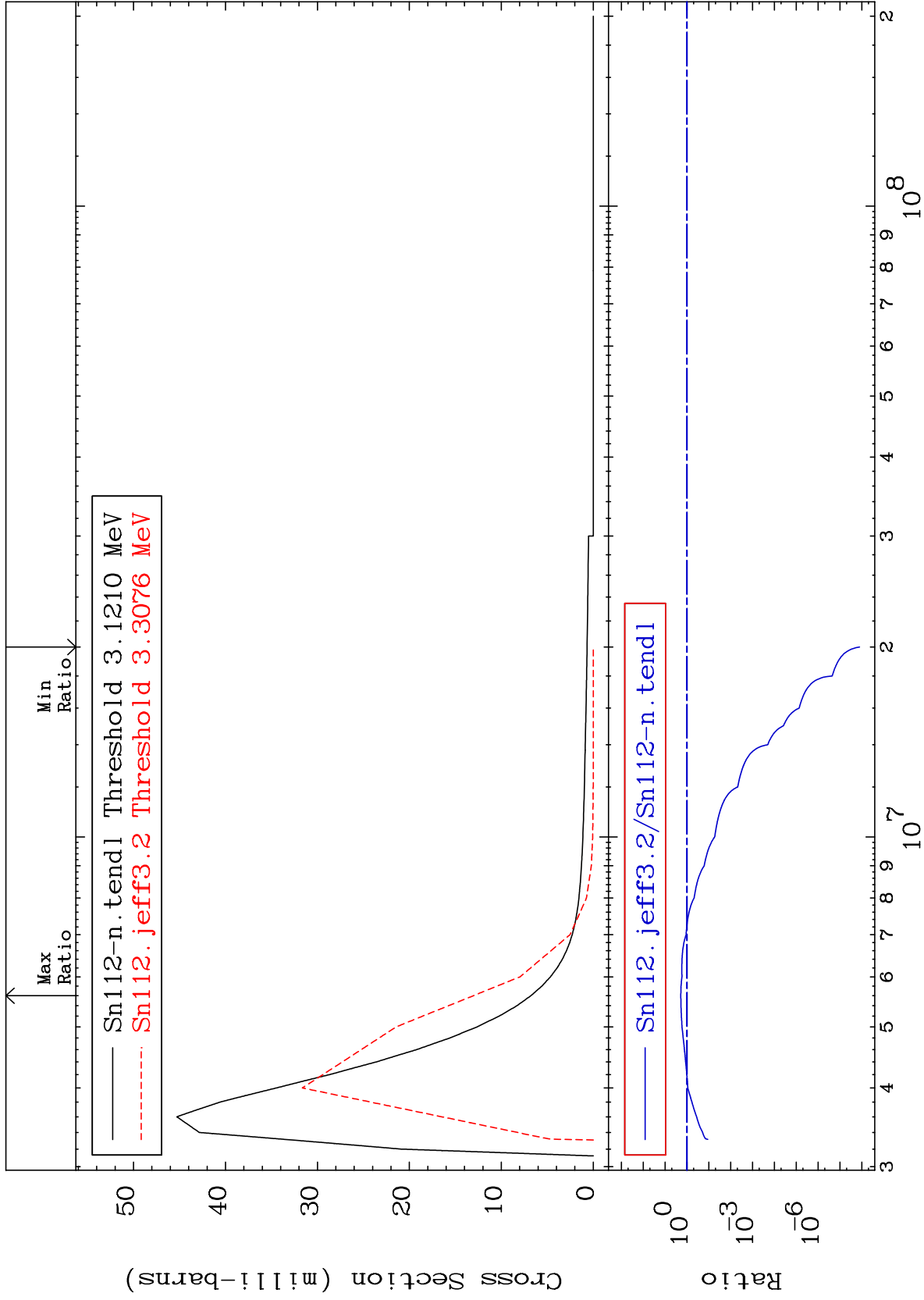
MAT 5025

3.093 MeV (n,n') Level

50-Sn-112

-100.0 To 92.53 %

Cross Section



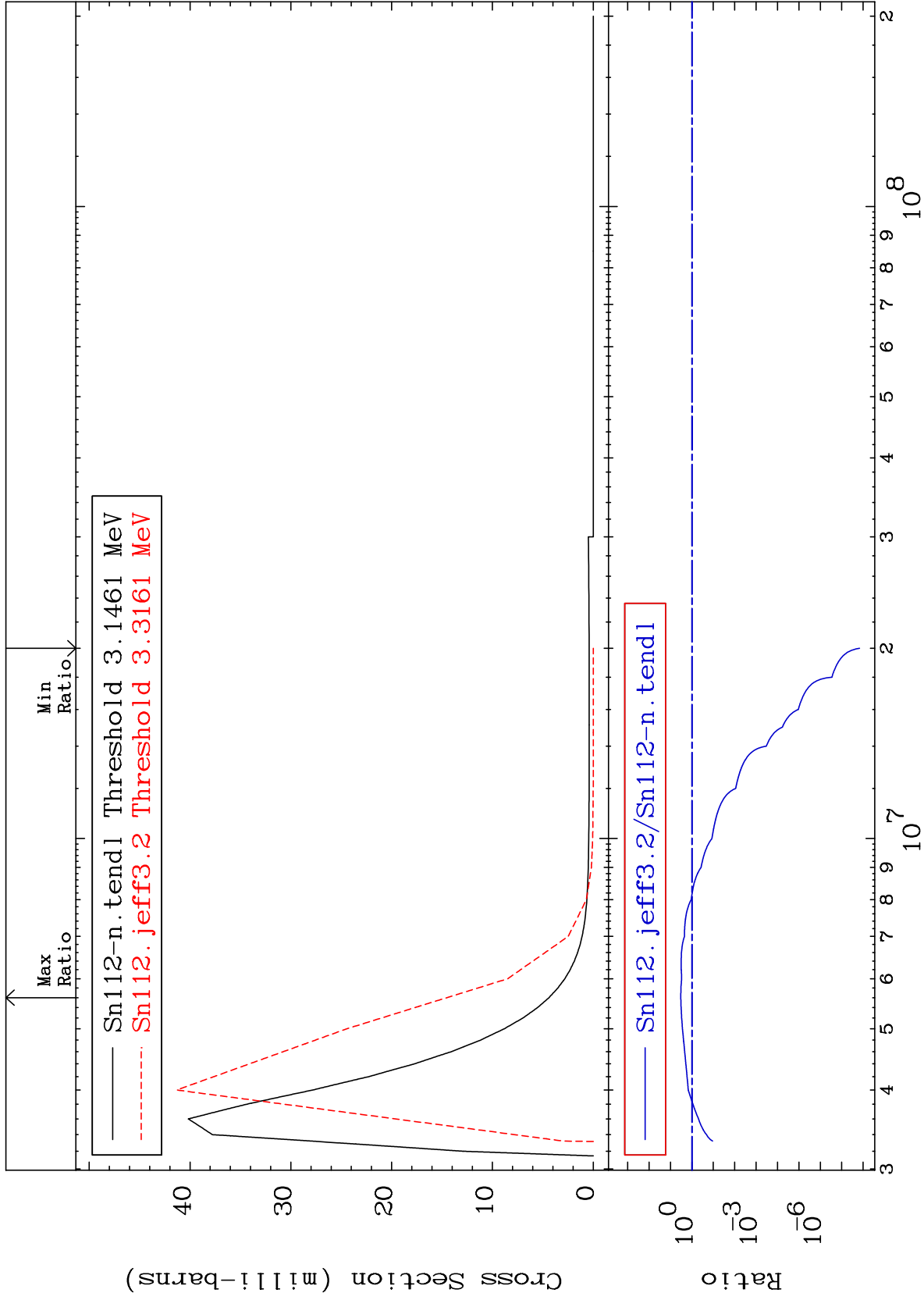
MAT 5025

3.118 MeV (n,n') Level

50-Sn-112

-100.0 To 230.7 %

Cross Section



30

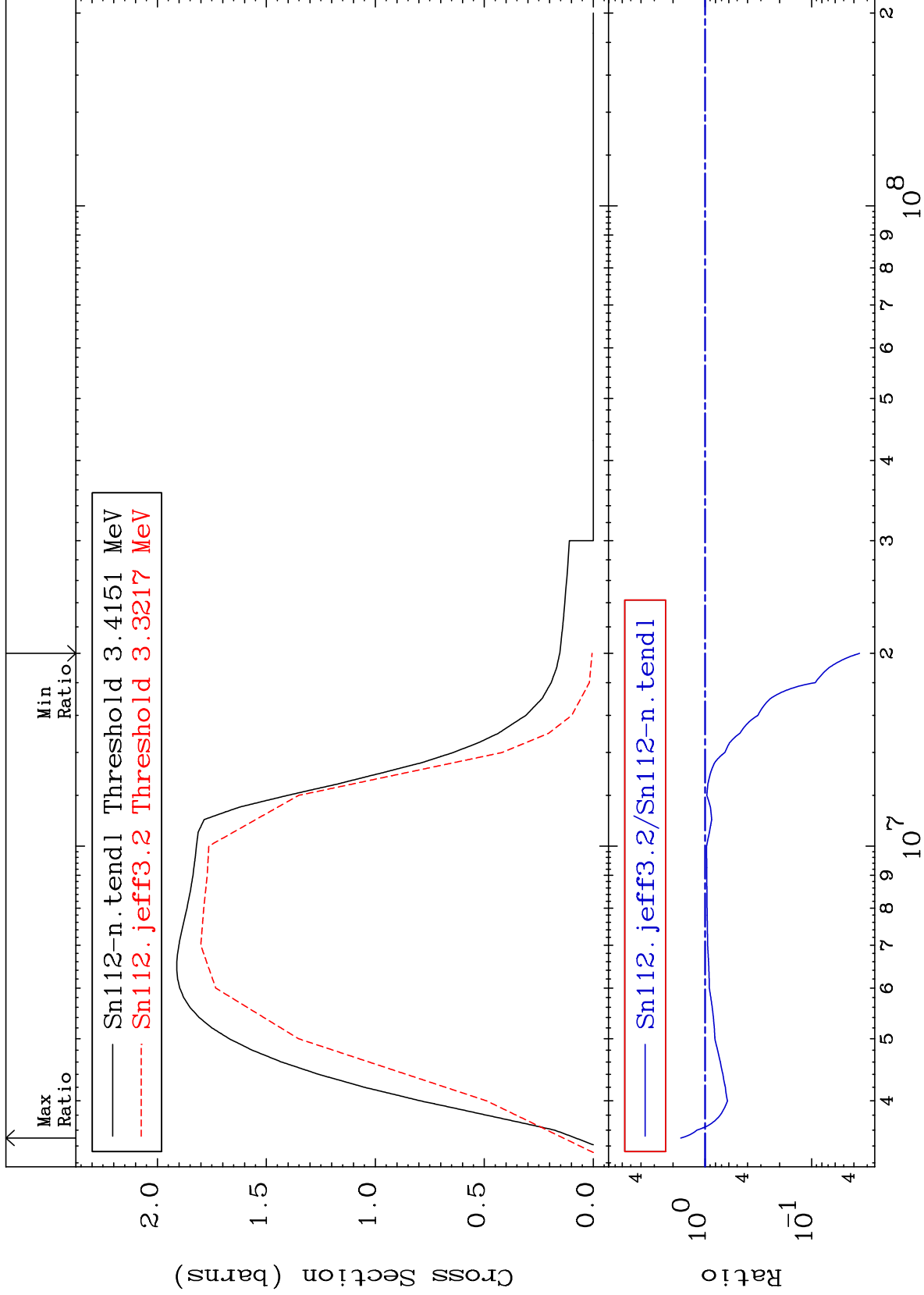
Incident Energy (eV)

50-Sn-112

MAT 5025

(n, n') Continuum
Cross Section

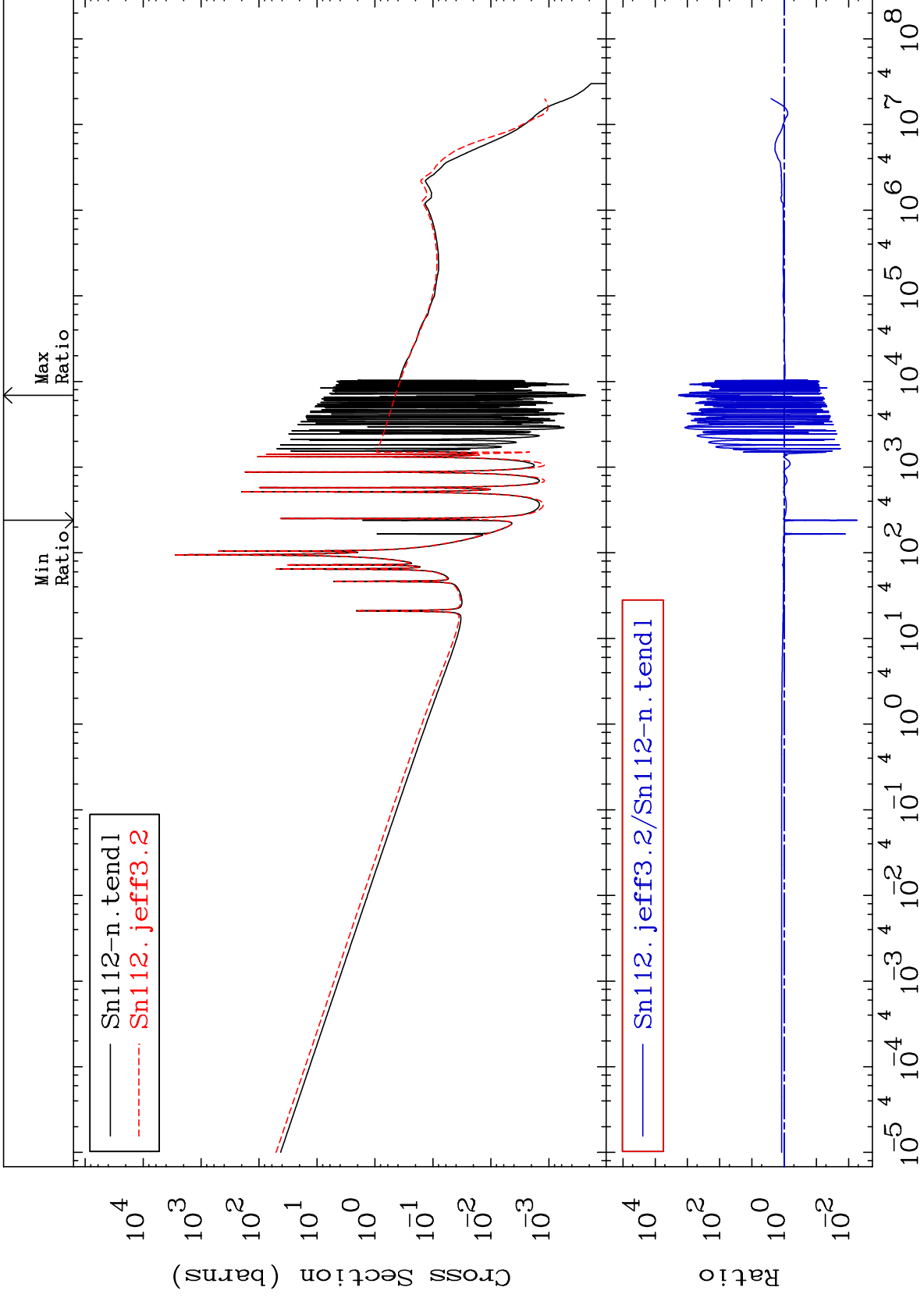
50-Sn-112
-96.45 To 69.24 %



MAT 5025

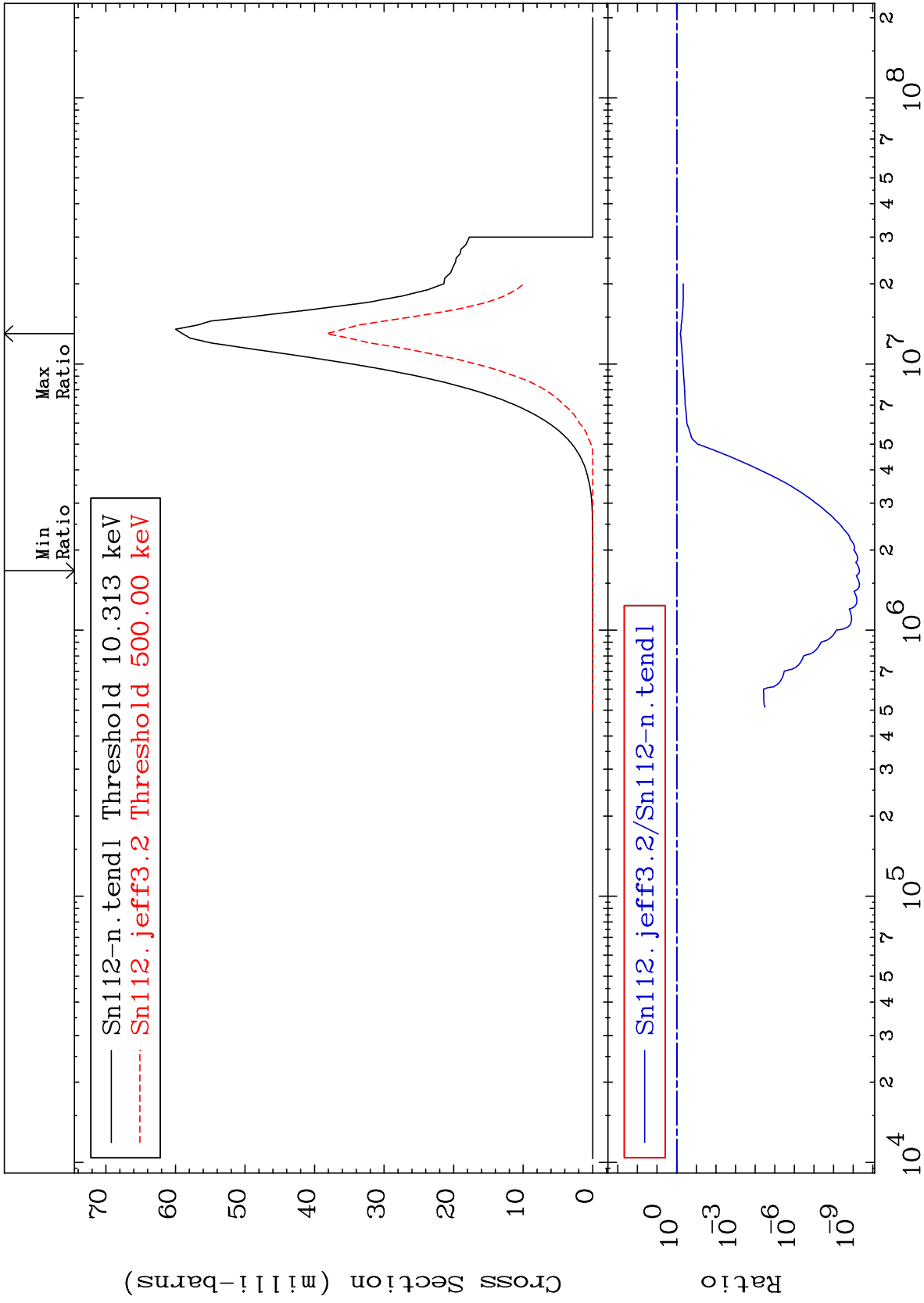
(n, γ)
Cross Section

50-Sn-112
-99.46 To 9999. %



MAT 5025

(n, p)
Cross Section
50-Sn-112
-100.0 To -35.13%



33

Incident Energy (eV)

50-Sn-112

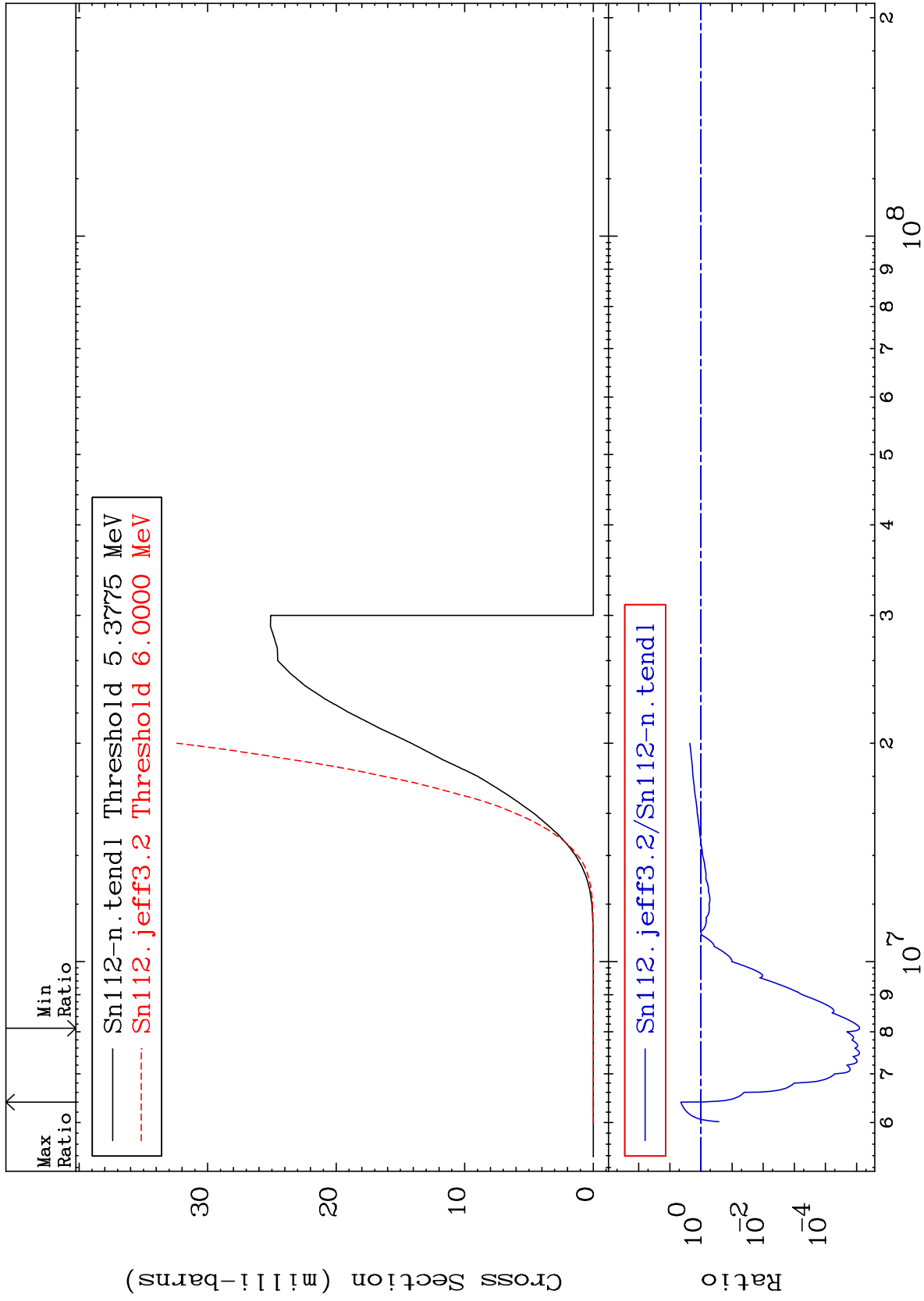
MAT 5025

(n, d)

50-Sn-112

Cross Section

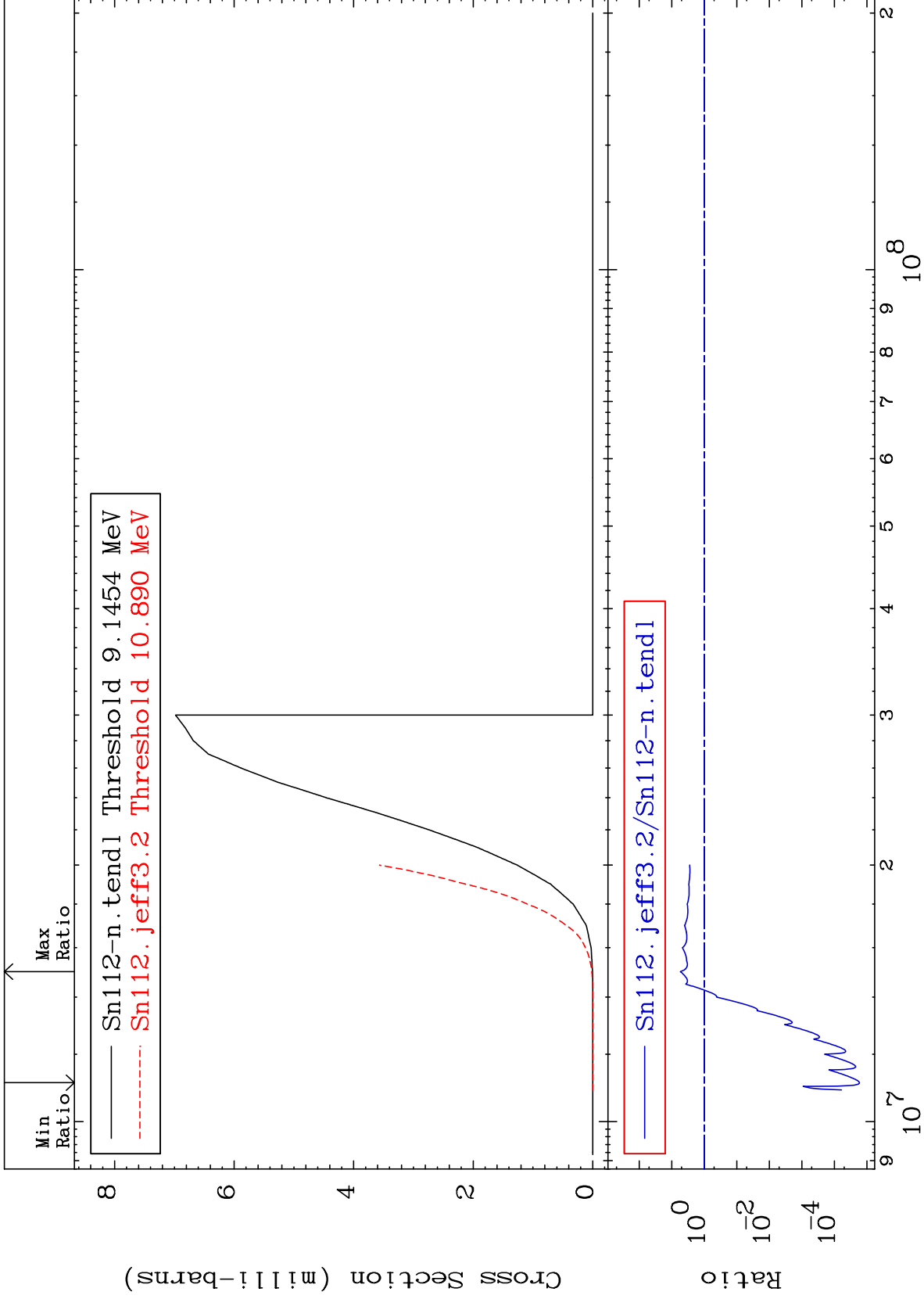
-100.0 To 346.5 %



MAT 5025

(n, t)
Cross Section

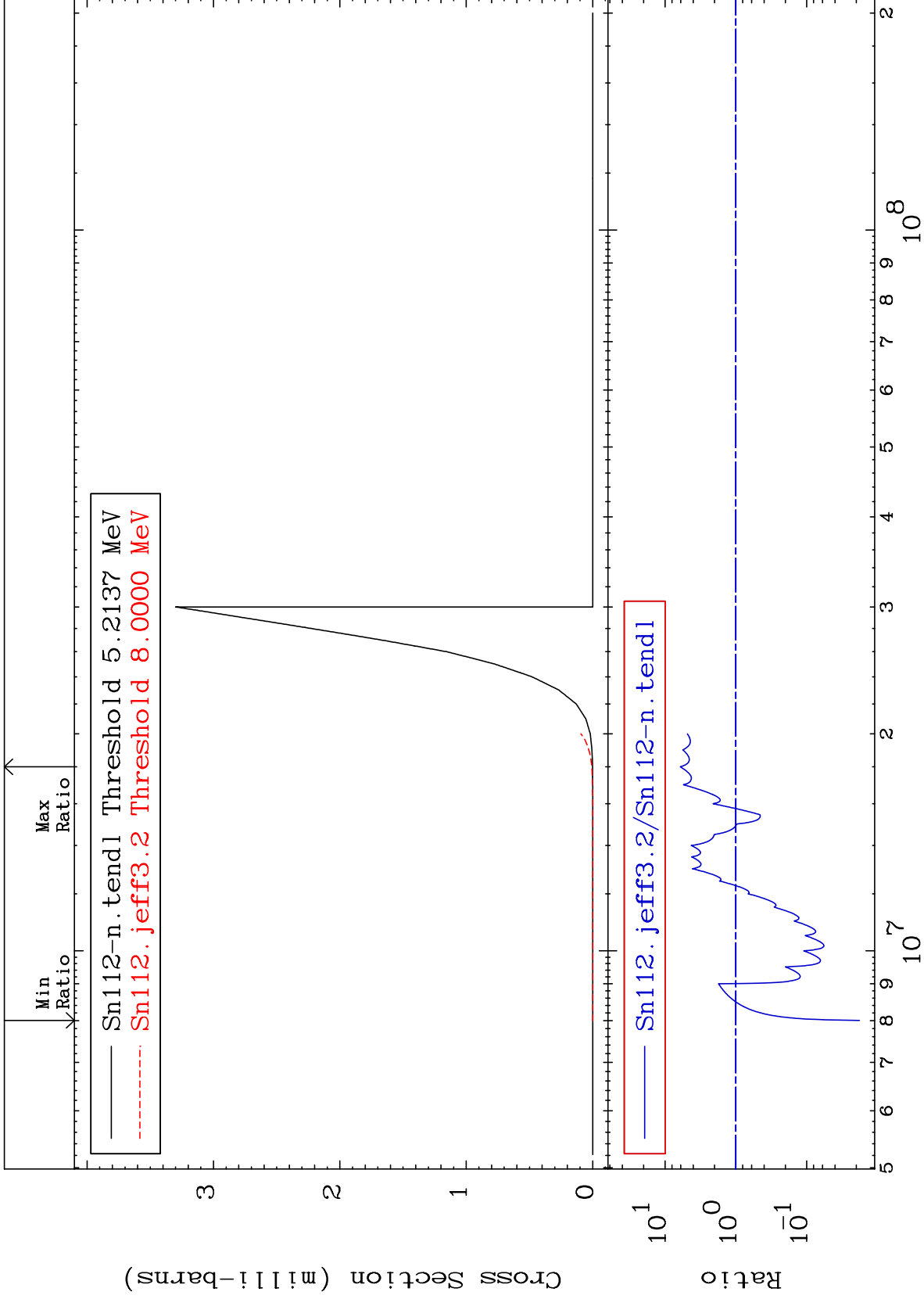
50-Sn-112
-100.0 To 447.6 %



35

Incident Energy (eV)

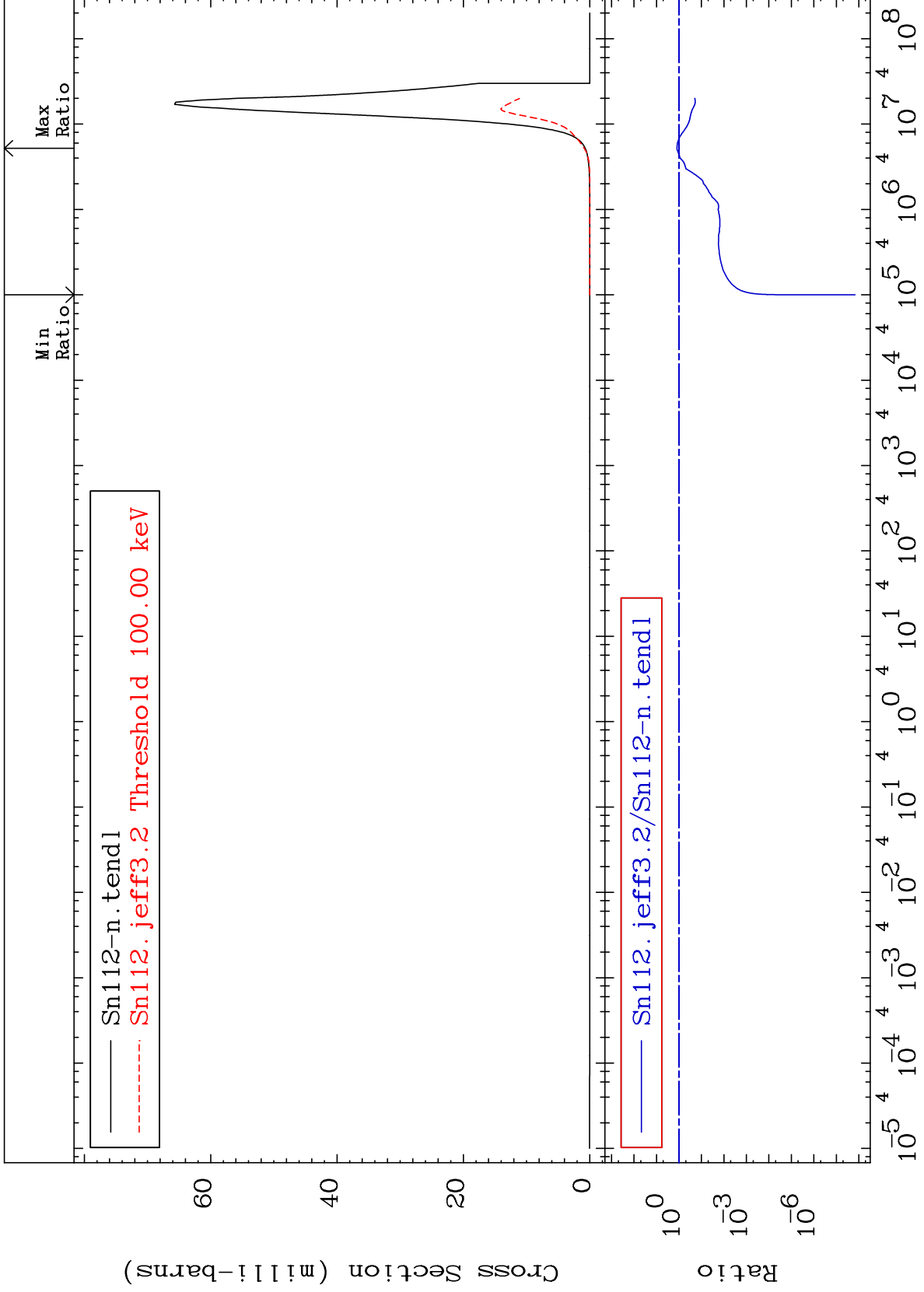
50-Sn-112

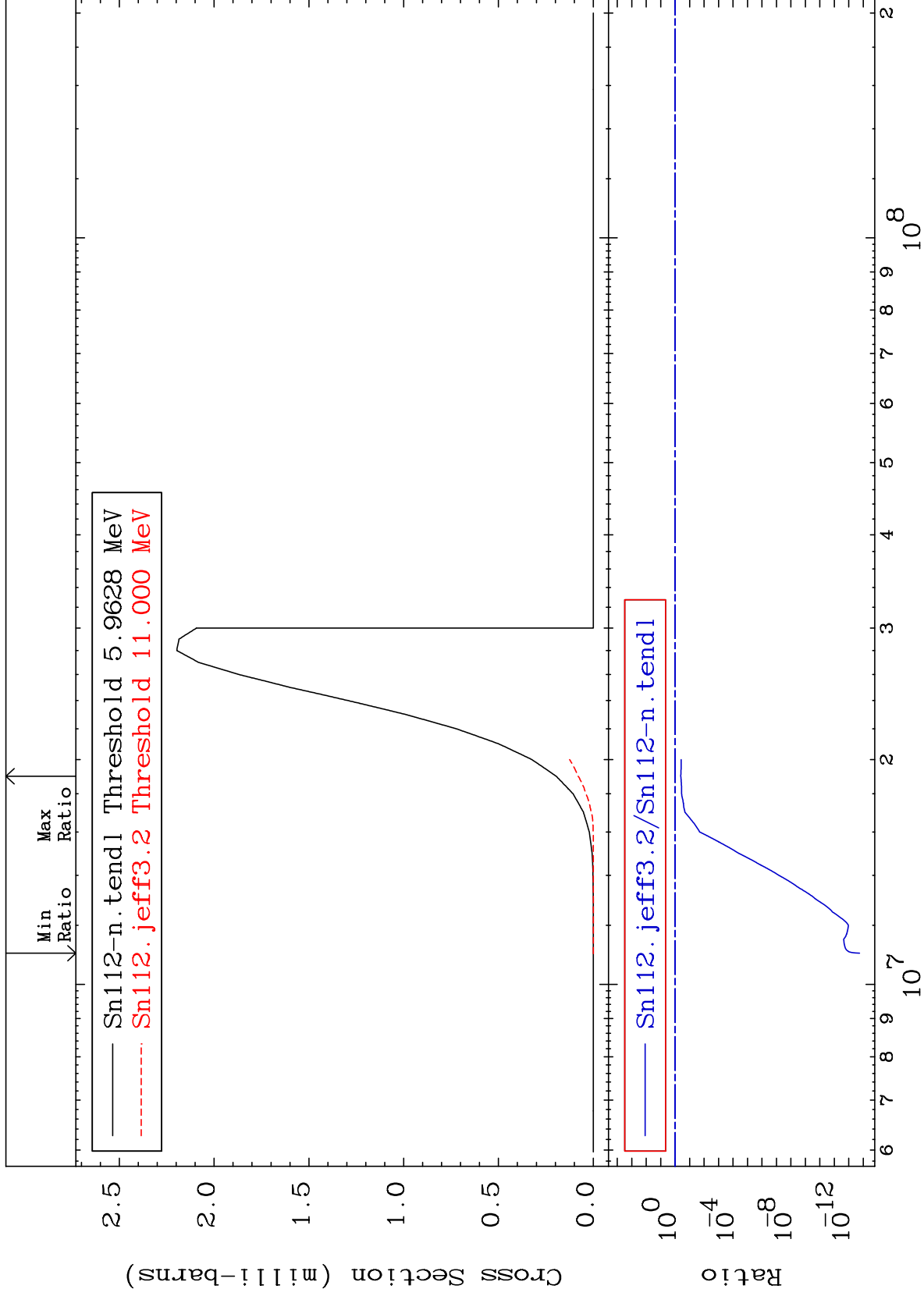


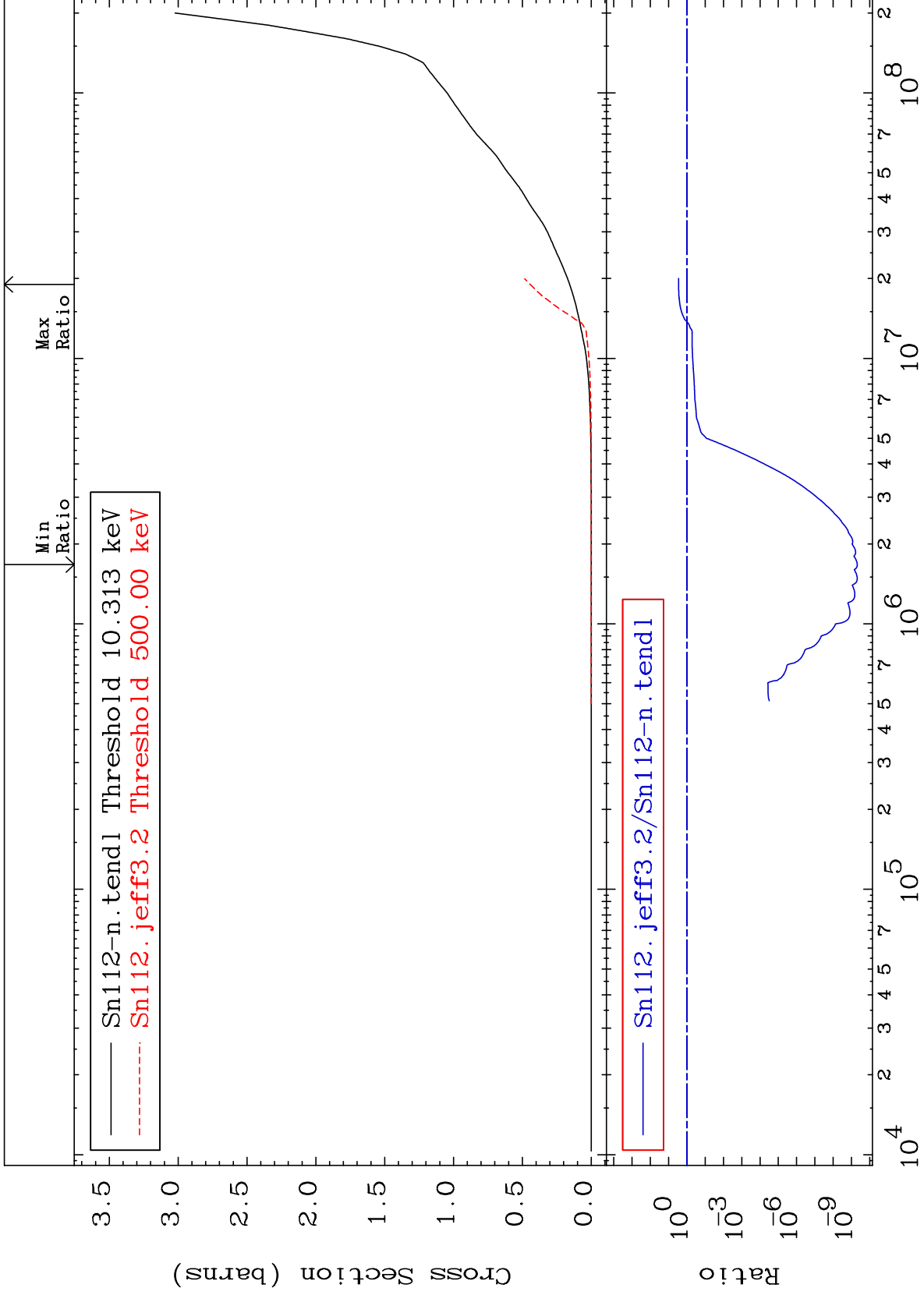
MAT 5025

(n, α)
Cross Section

50-Sn-112
-100.0 To 23.28 %



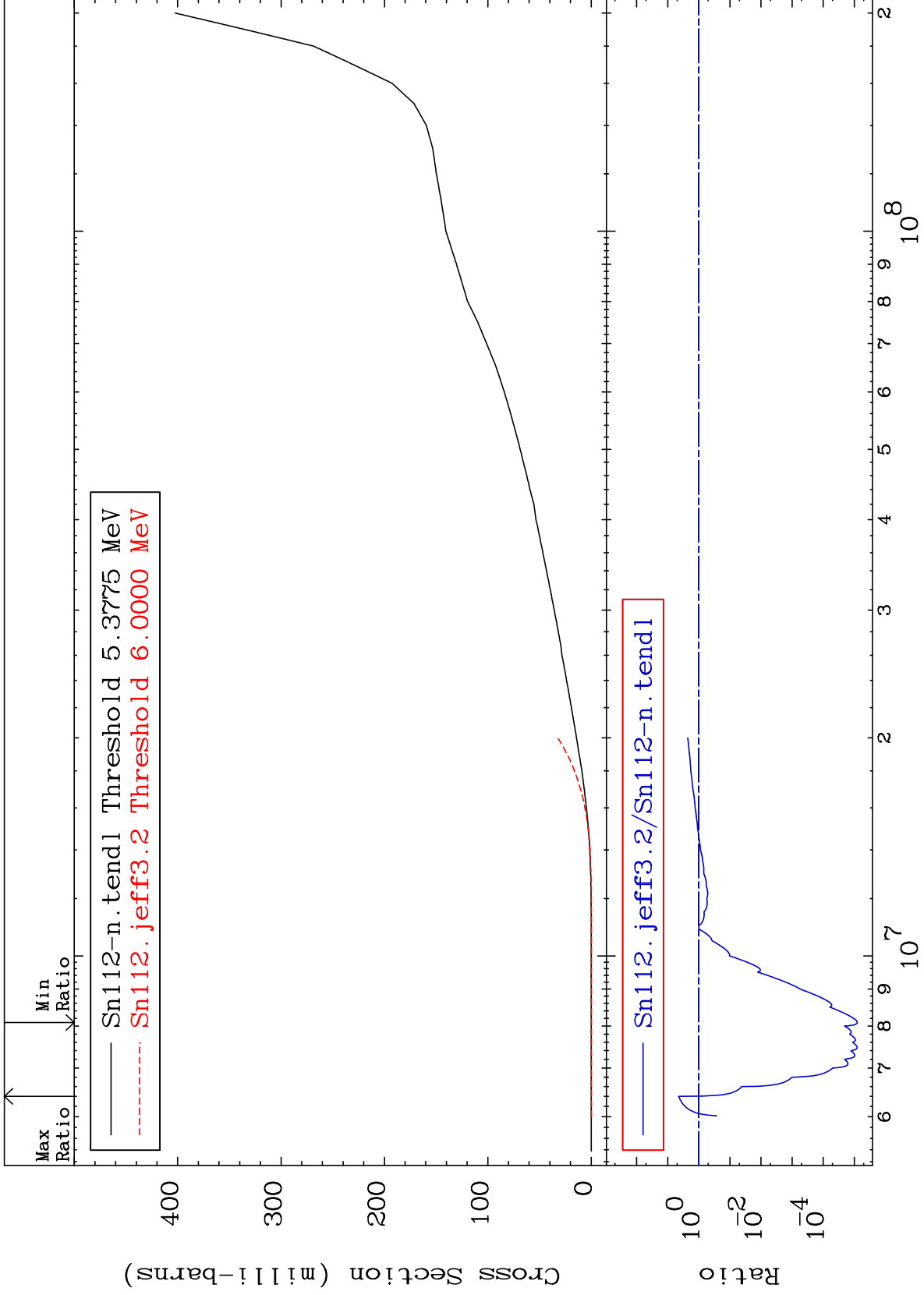




MAT 5025

Deuterium Production
Cross Section

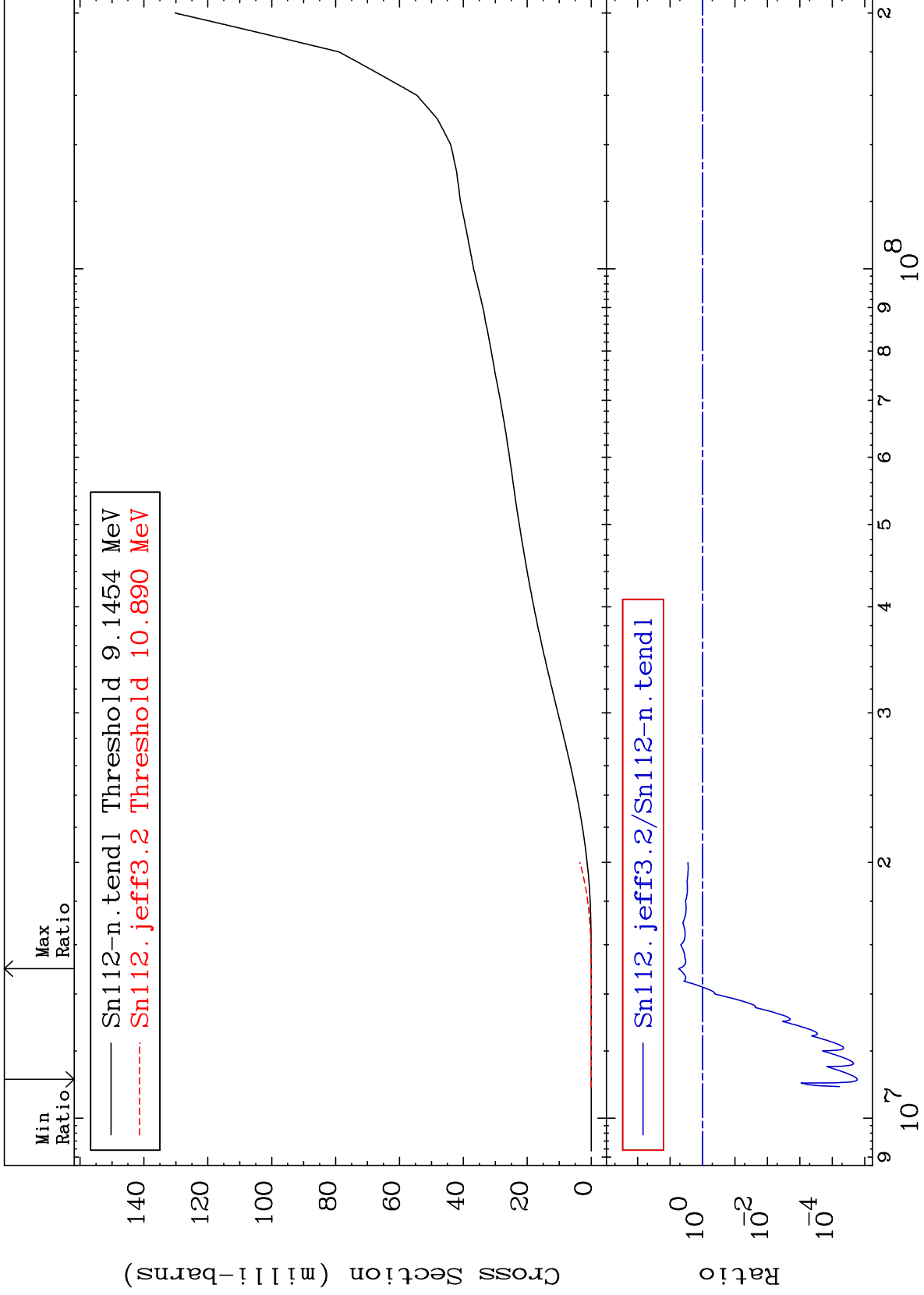
50-Sn-112
-100.0 To 346.5 %



40

Incident Energy (eV)

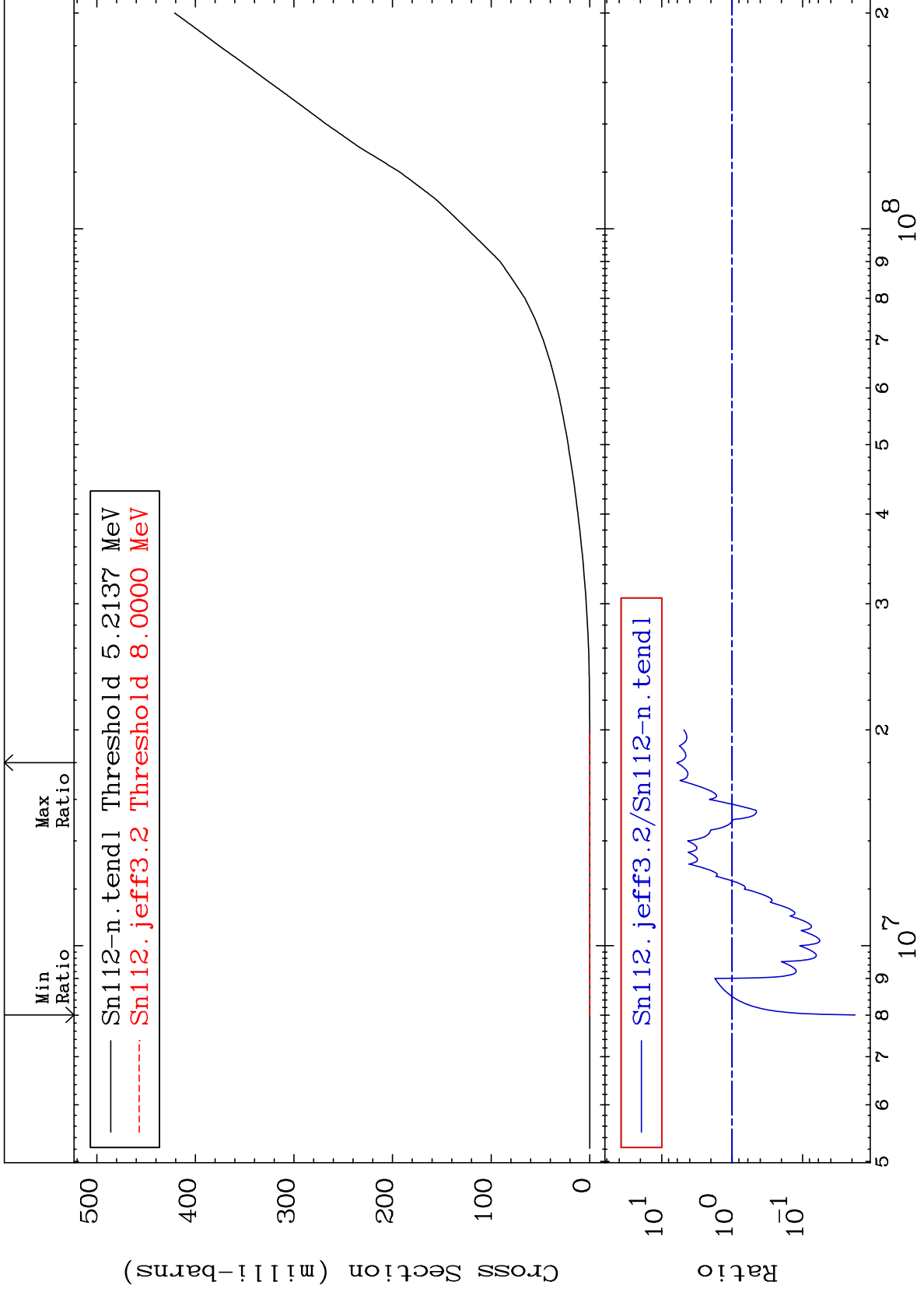
50-Sn-112



MAT 5025

He-3 Production
Cross Section

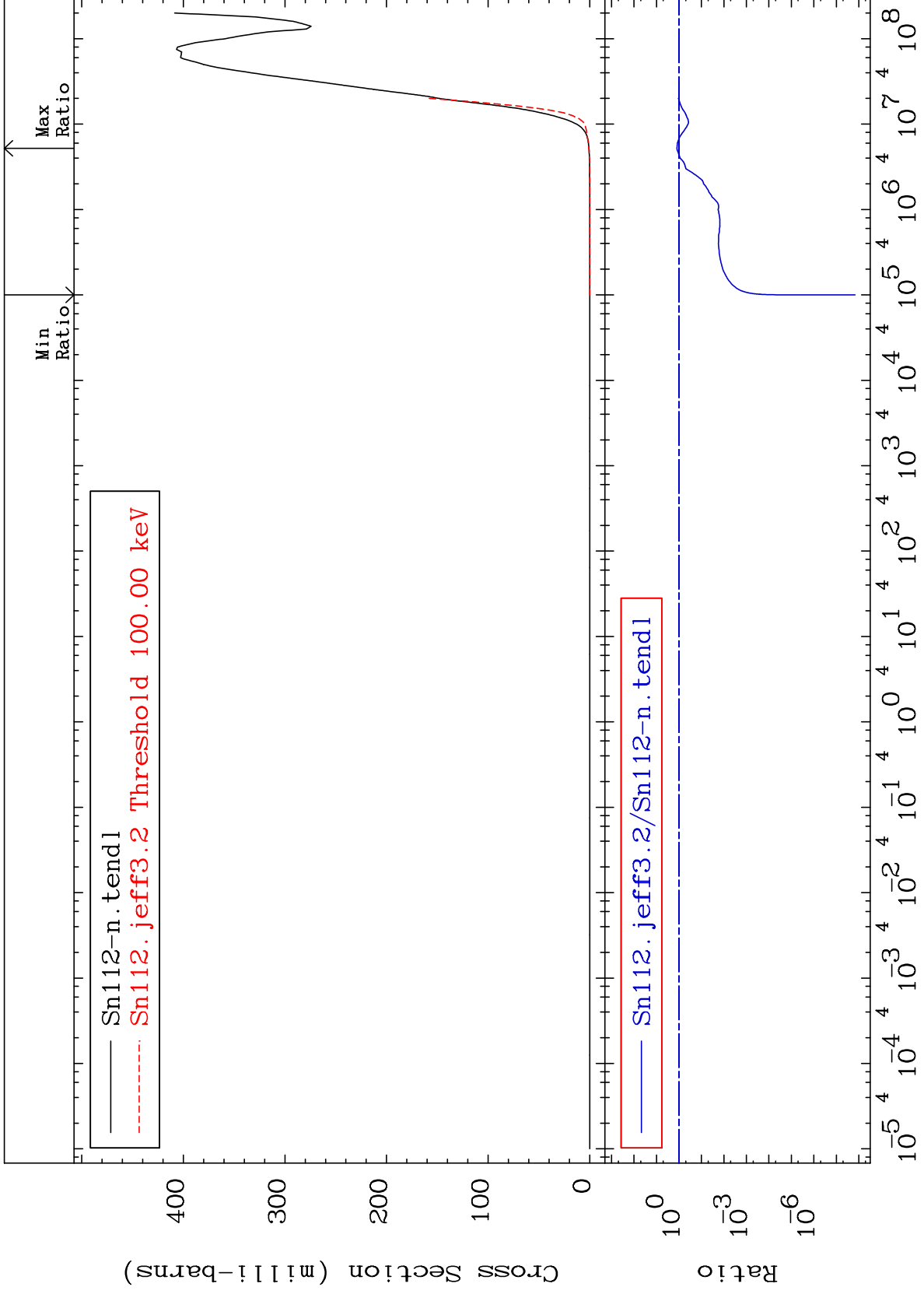
50-Sn-112
-98.19 To 507.3 %



42

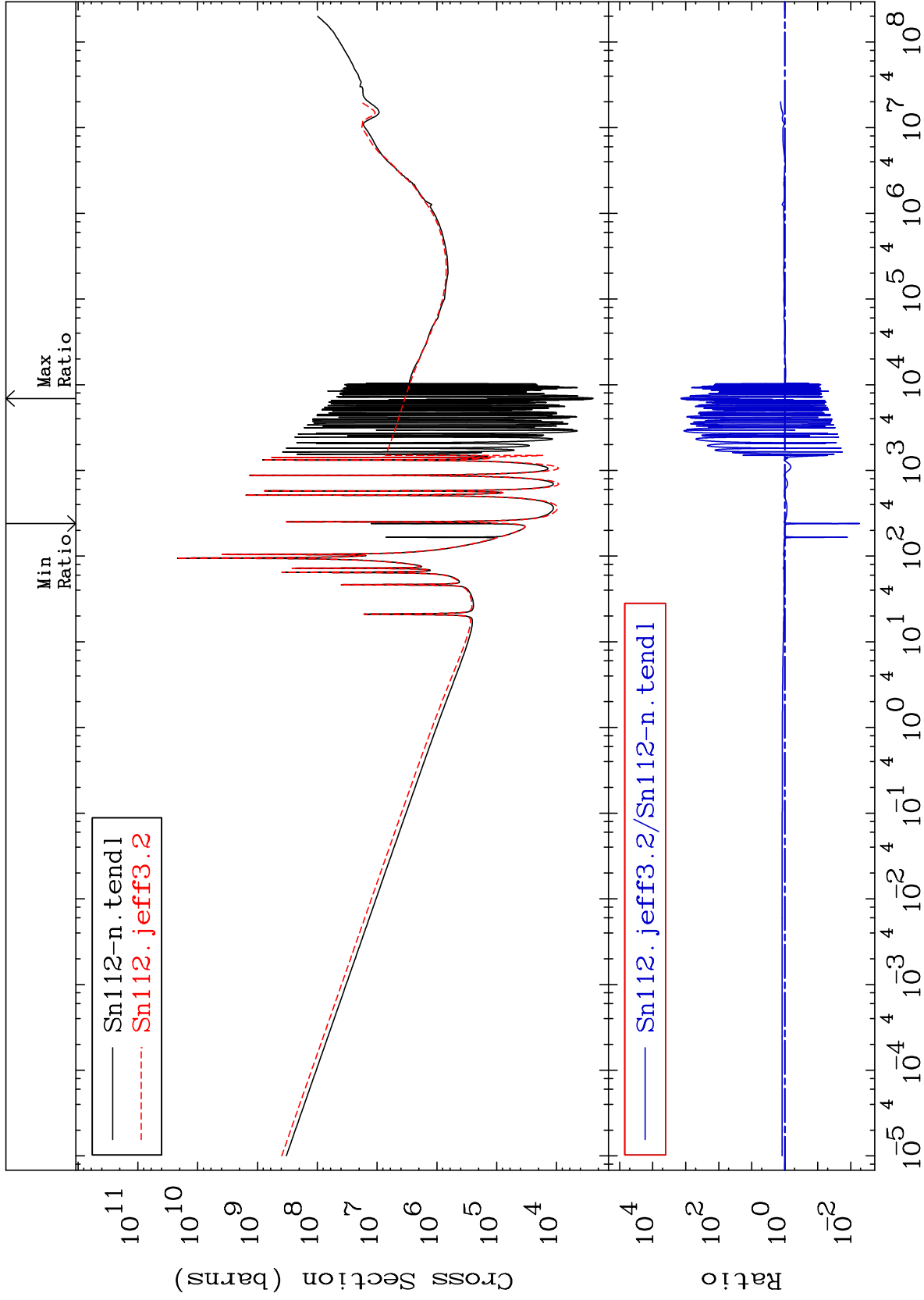
Incident Energy (eV)

50-Sn-112



Cross Section

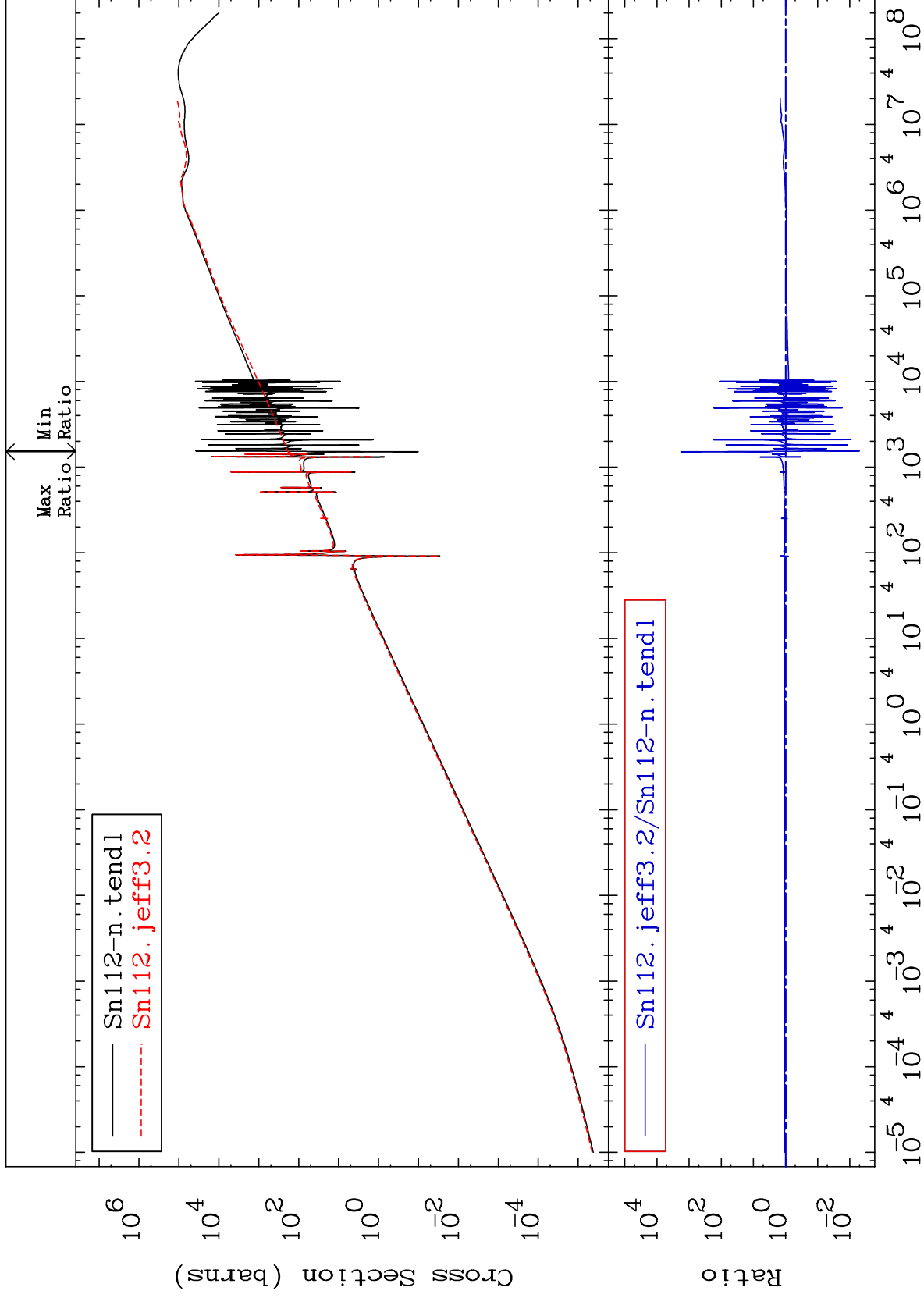
-99.46 To 9999. %



MAT 5025

Kerma elastic
Cross Section

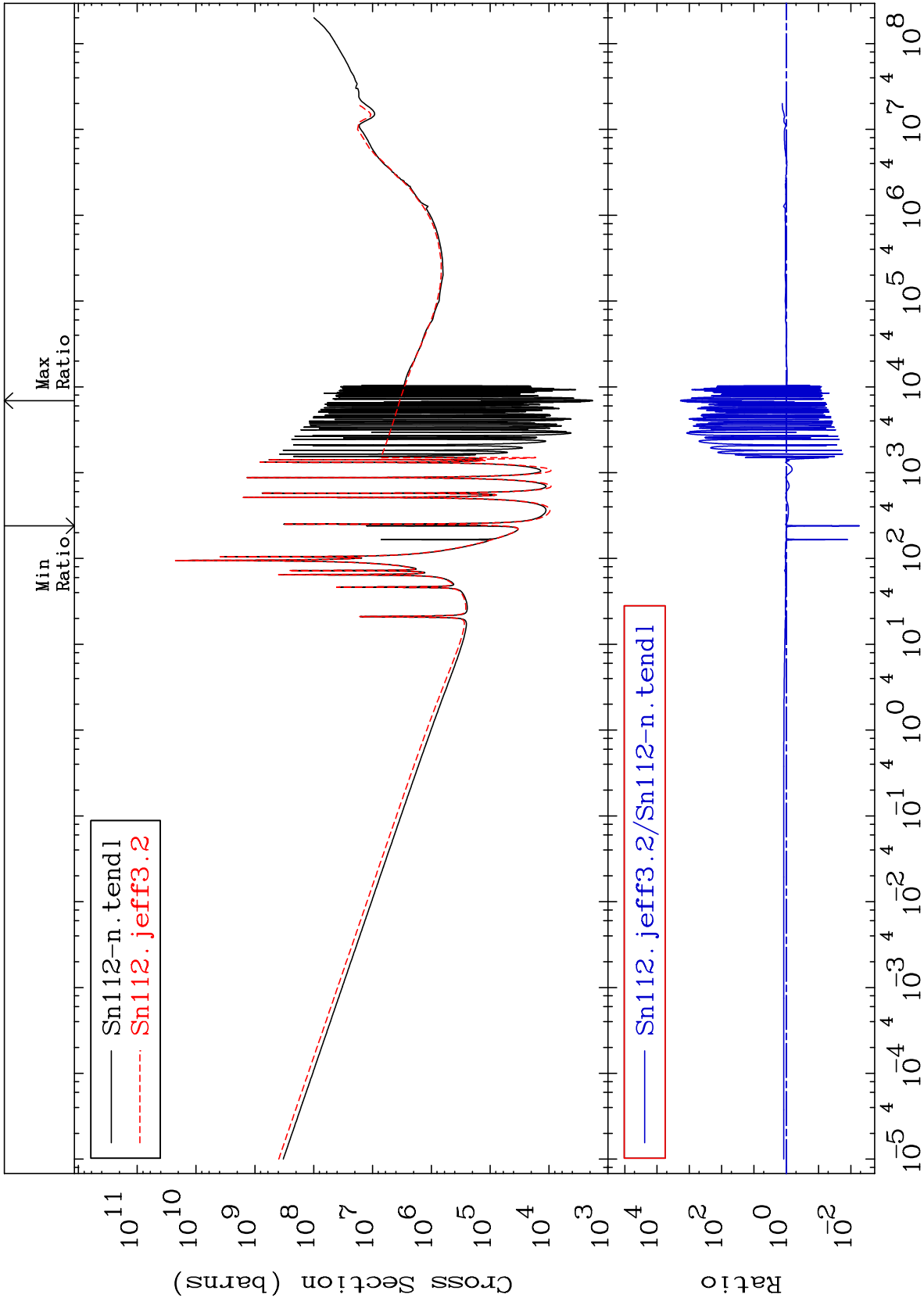
50-Sn-112
-99.50 To 9999. %

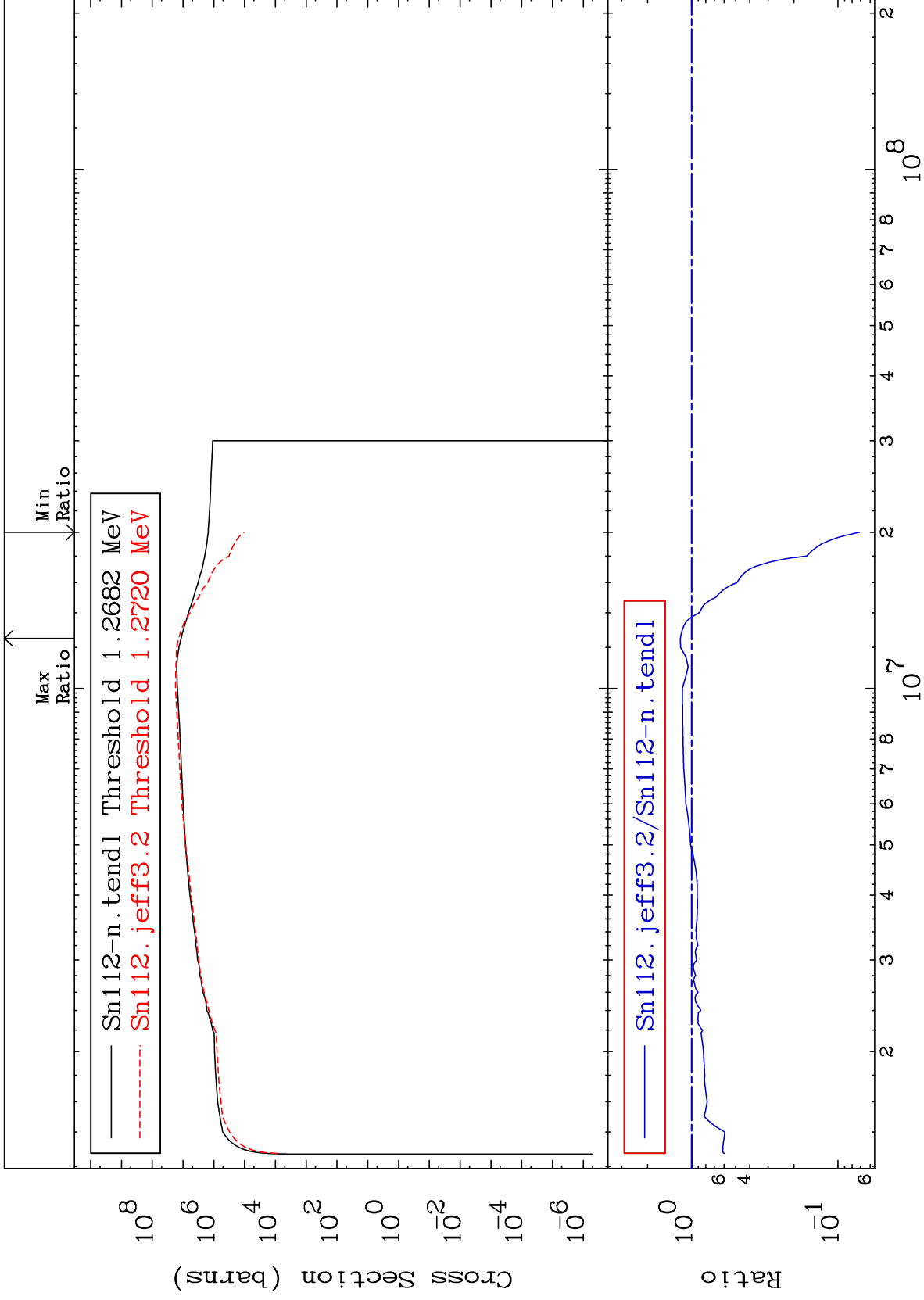


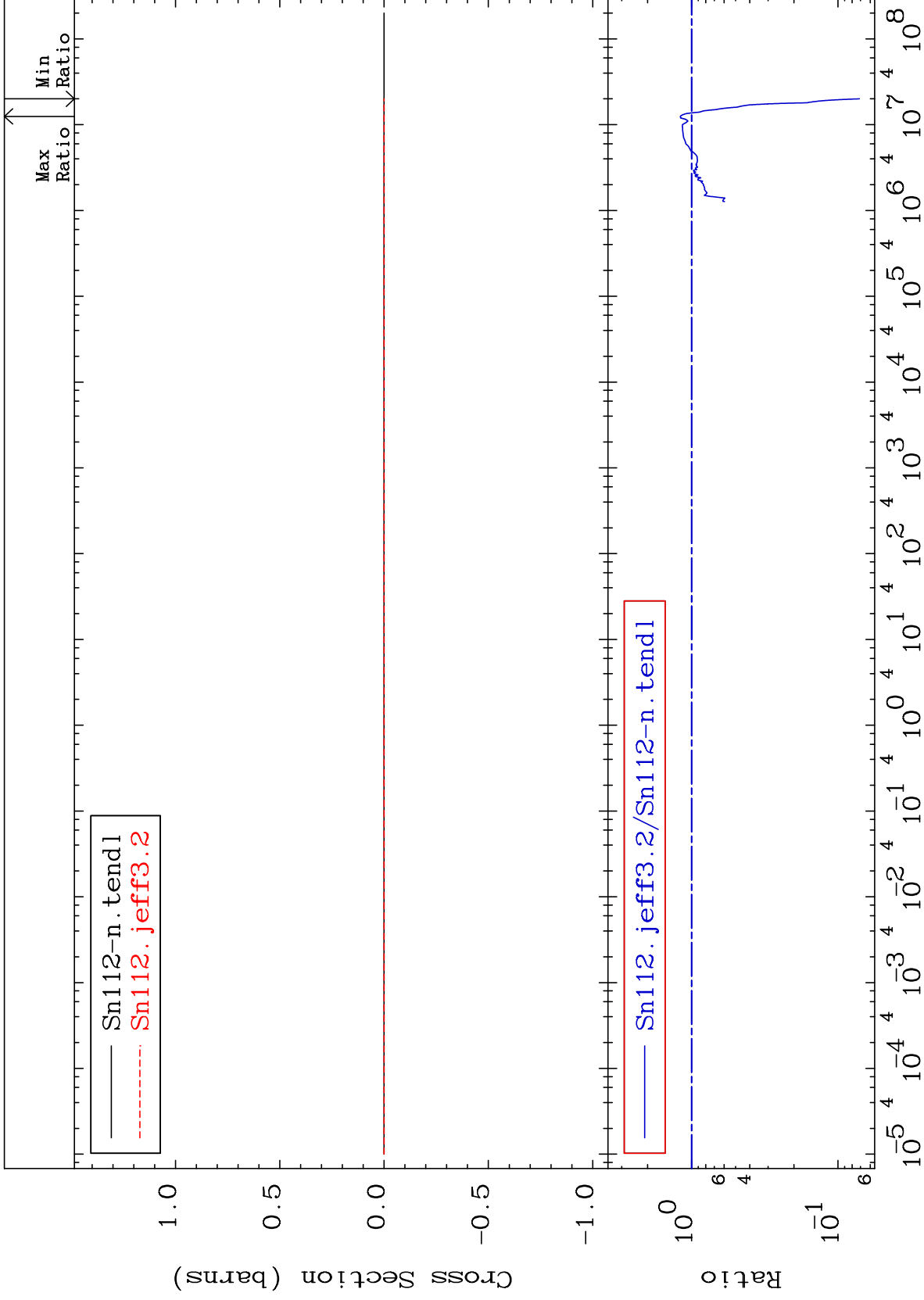
45

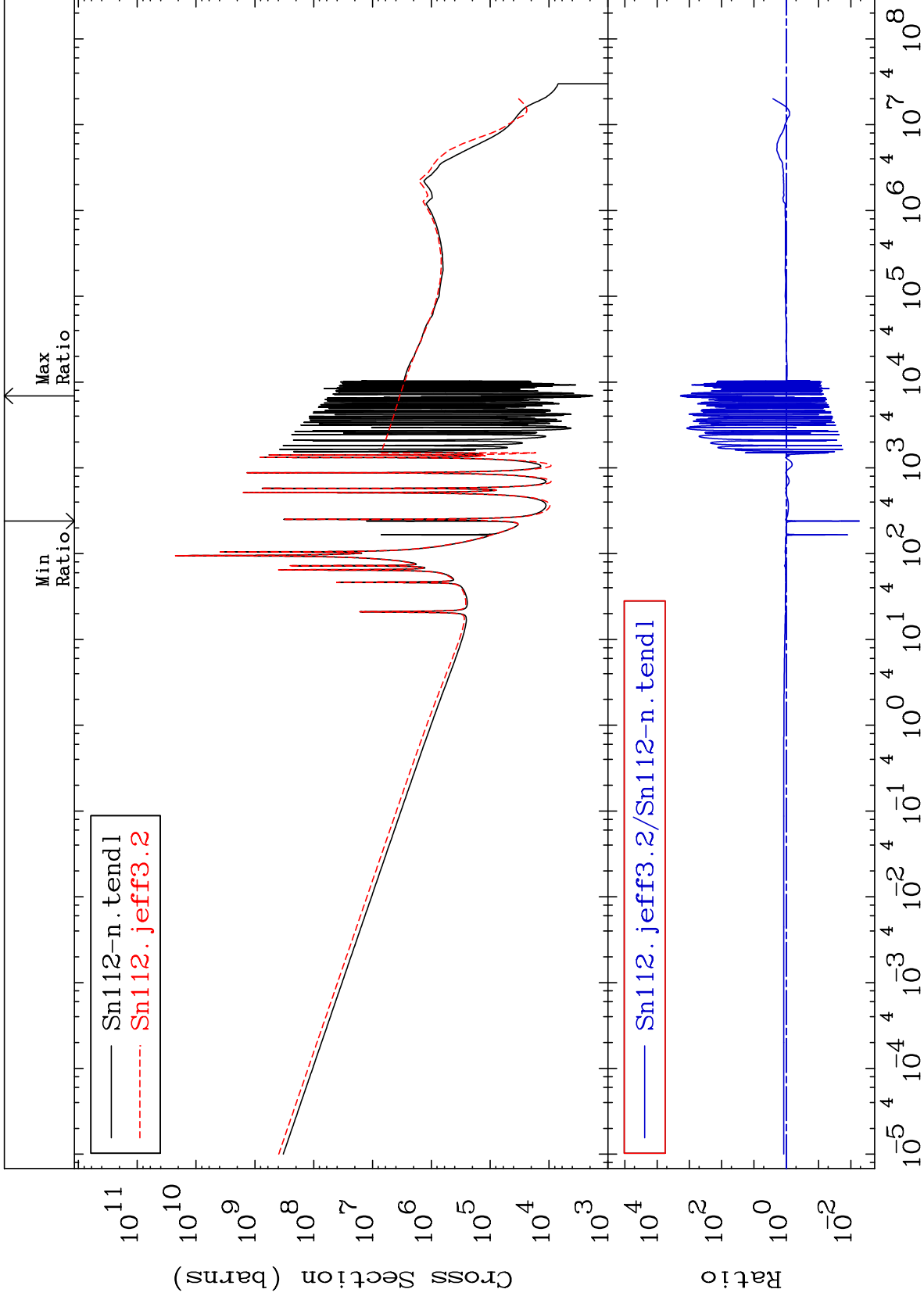
Incident Energy (eV)

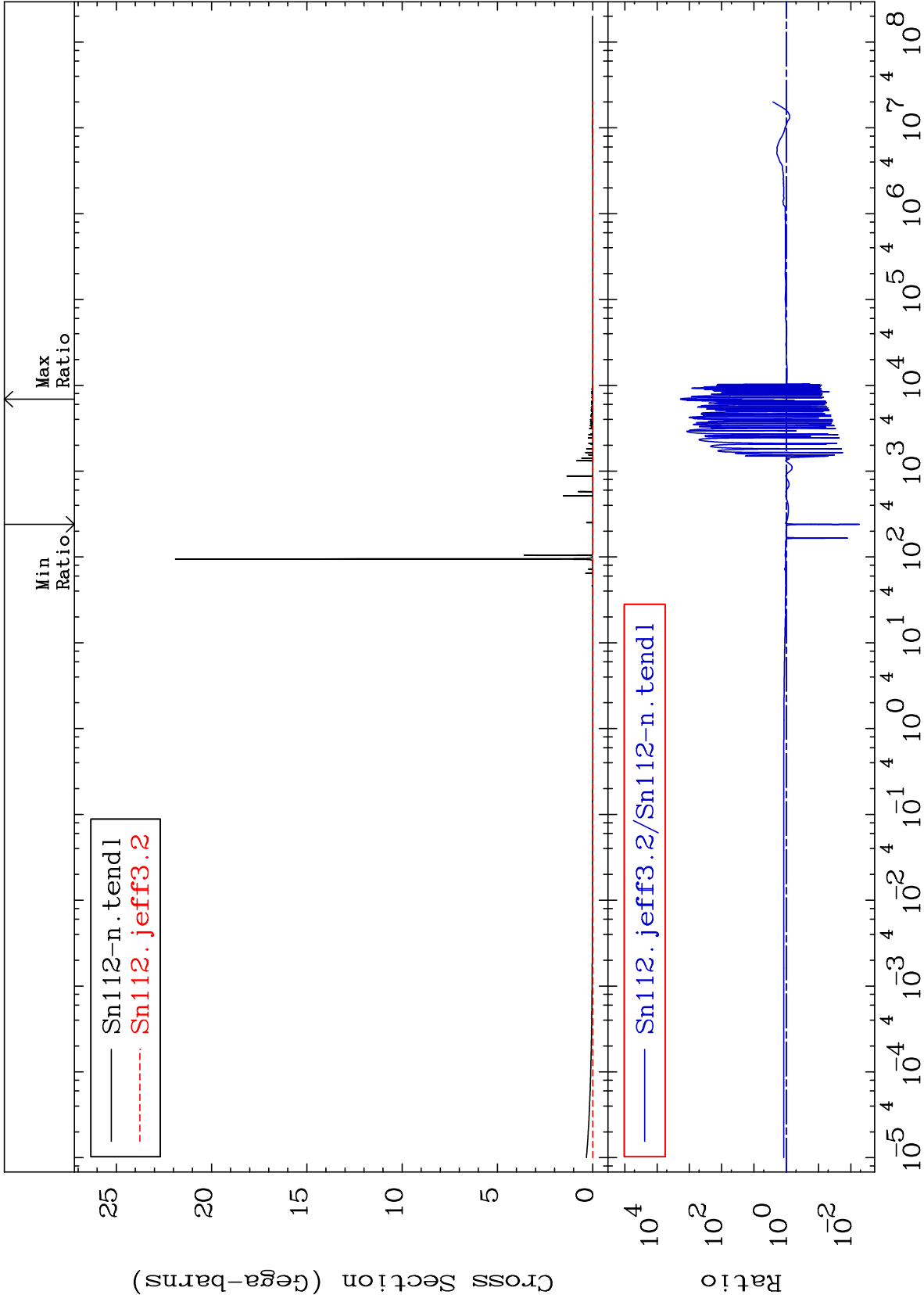
50-Sn-112





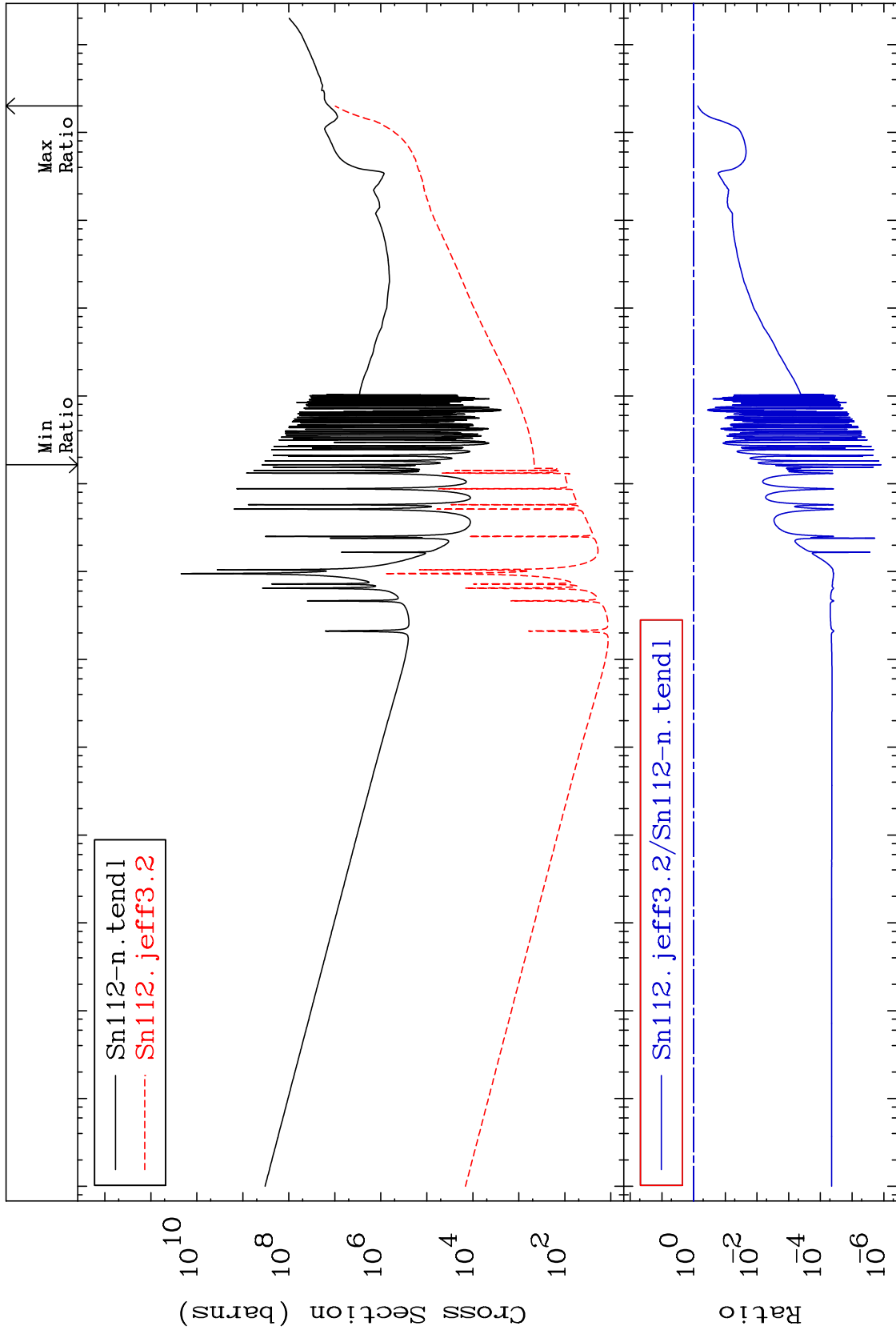


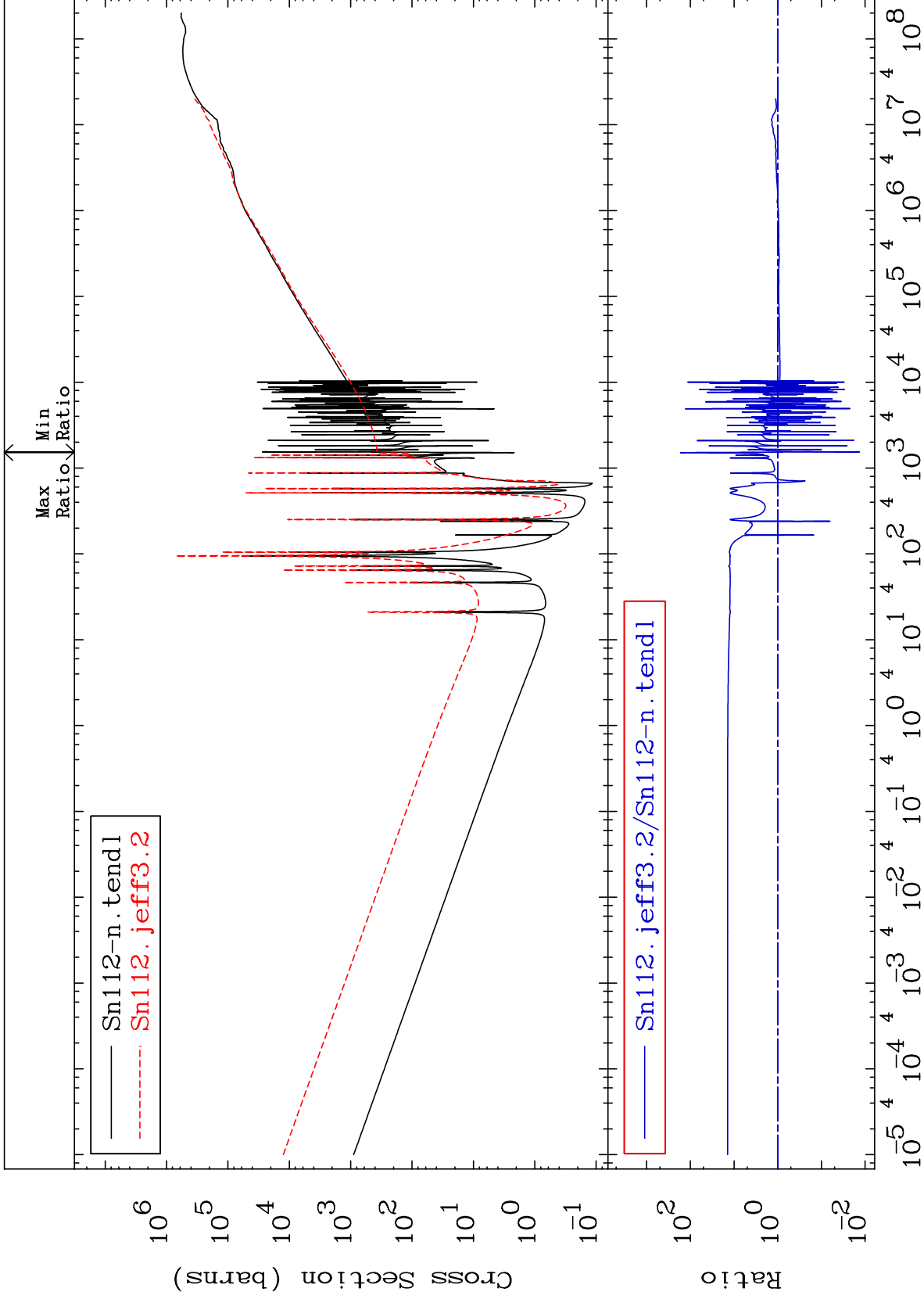


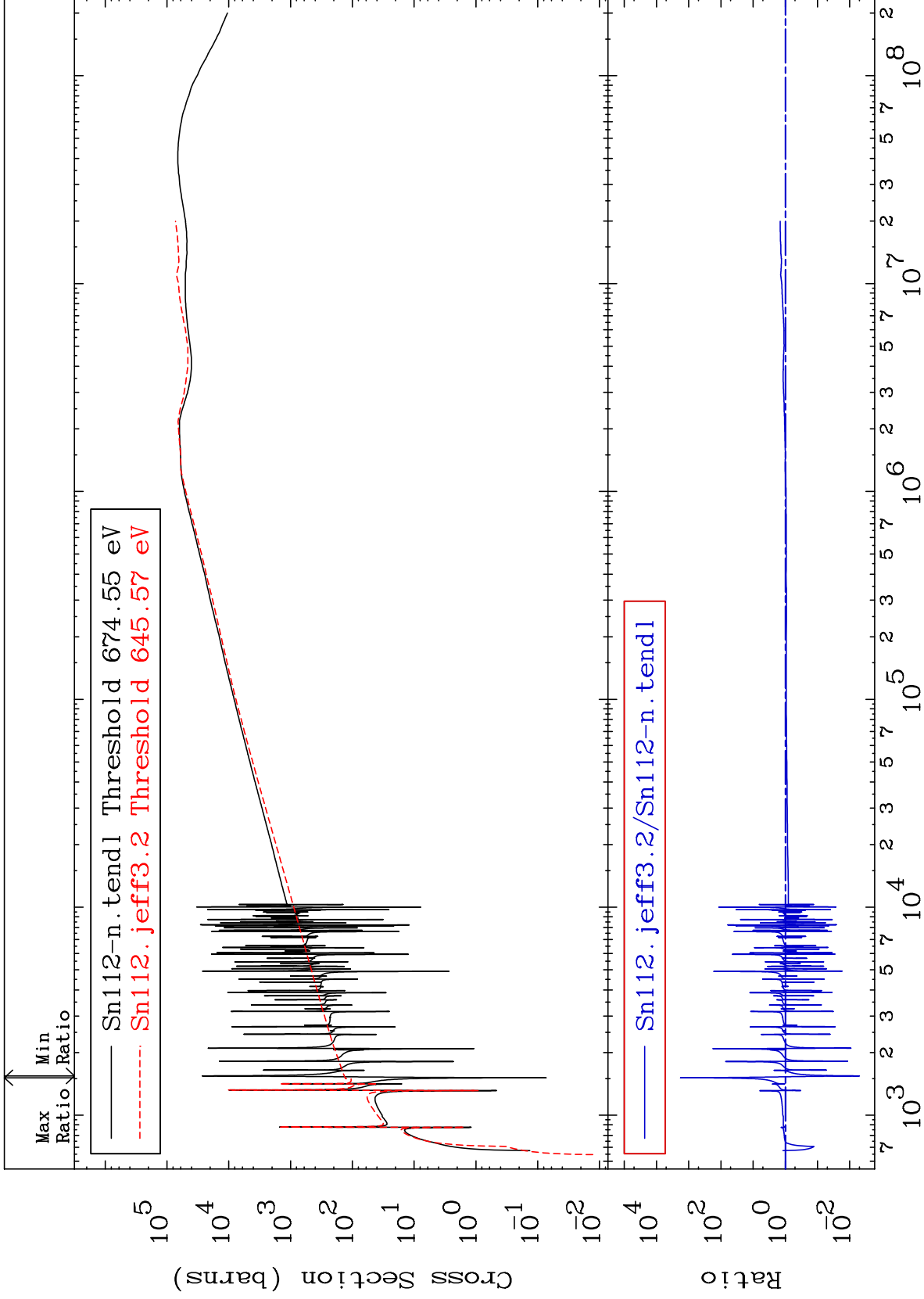


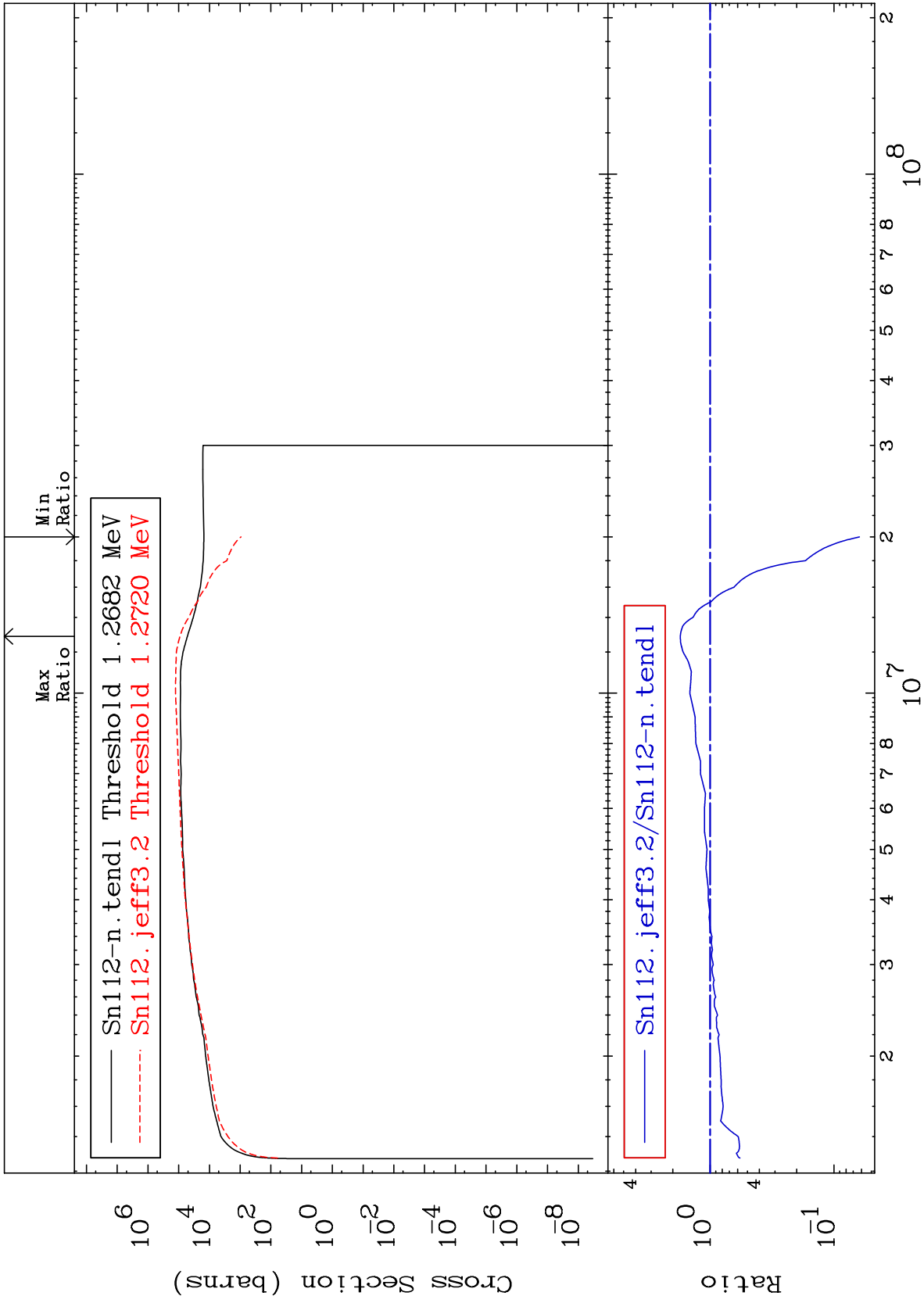
Cross Section

-100.0 To -26.79%









MAT 5025

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-112
-93.62 To 9999. %

