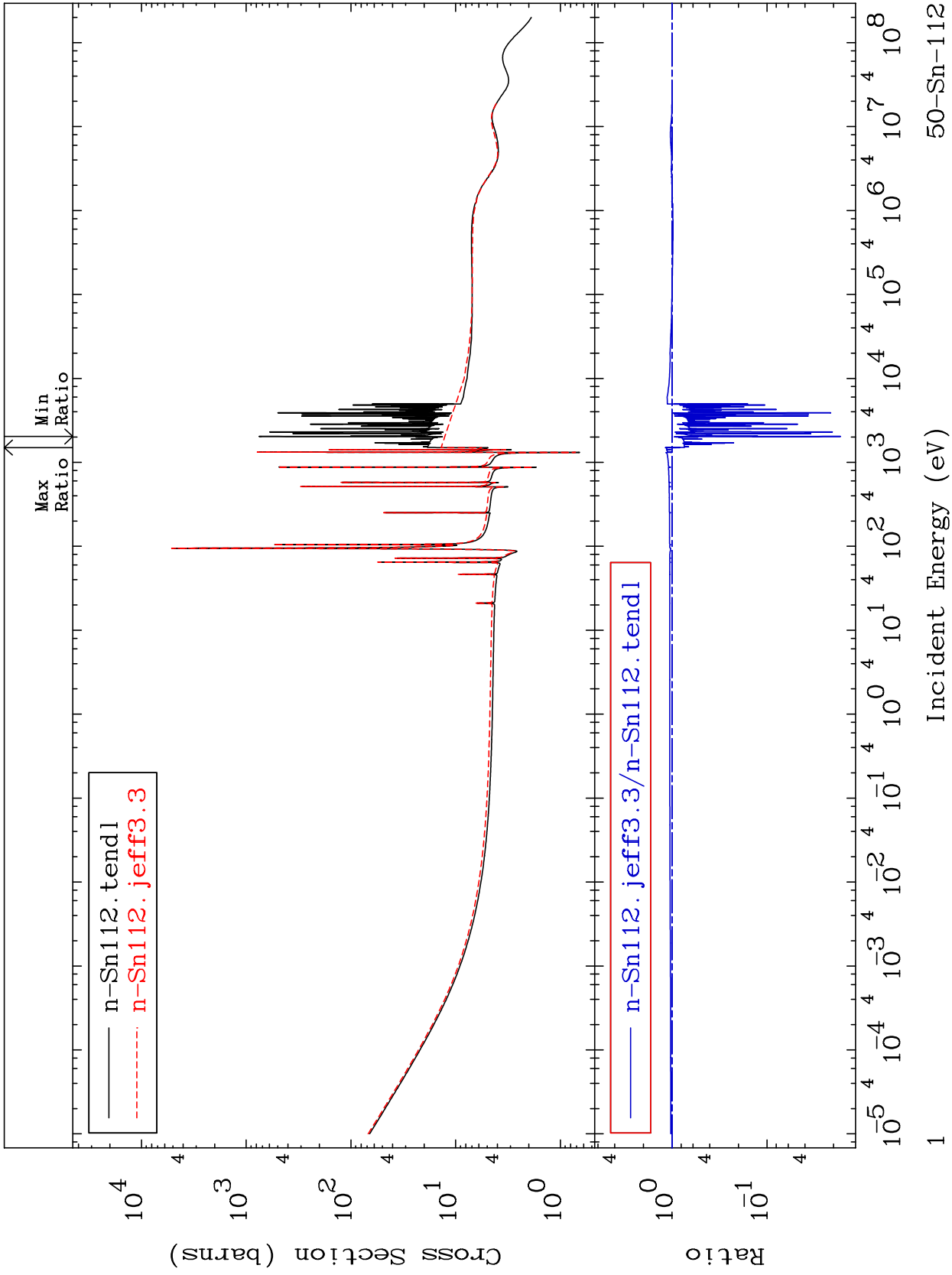


MAT 5025

Total
Cross Section

50-Sn-112
-98.32 To 16.97 %

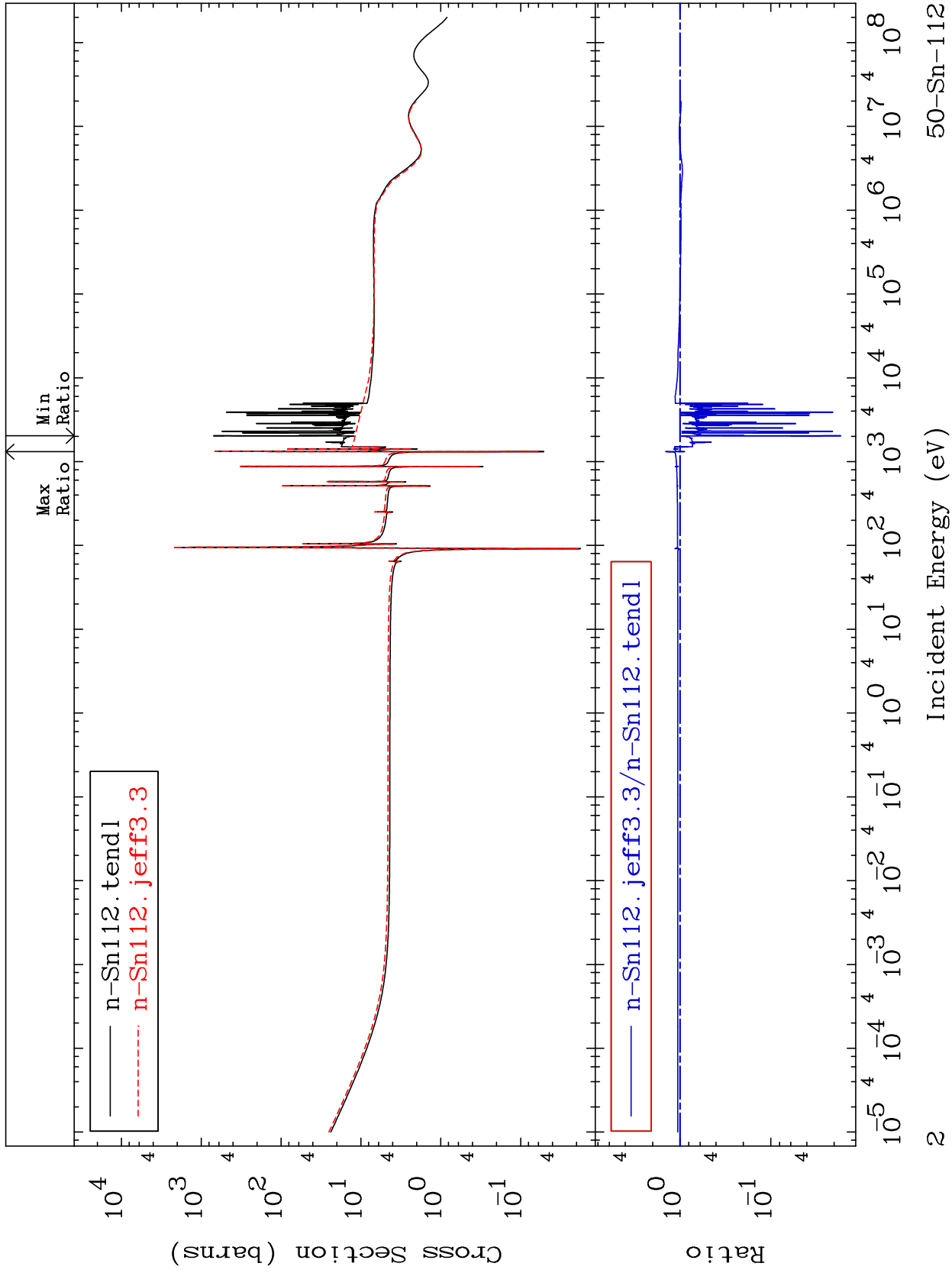


50-Sn-112

MAT 5025

Elastic
Cross Section

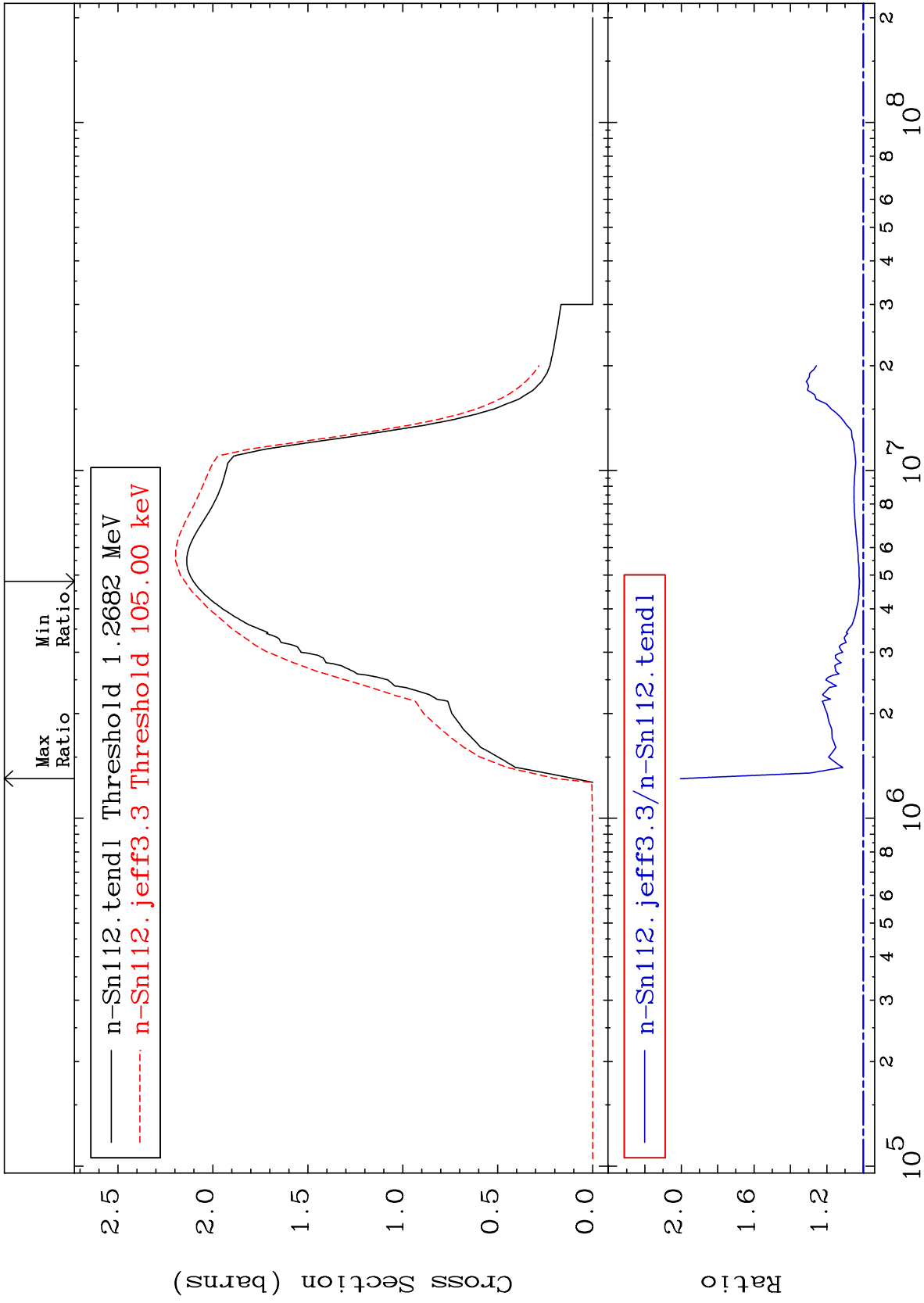
50-Sn-112
-98.31 To 42.49 %



MAT 5025

Inelastic
Cross Section

50-Sn-112
2.122 To 100.5 %



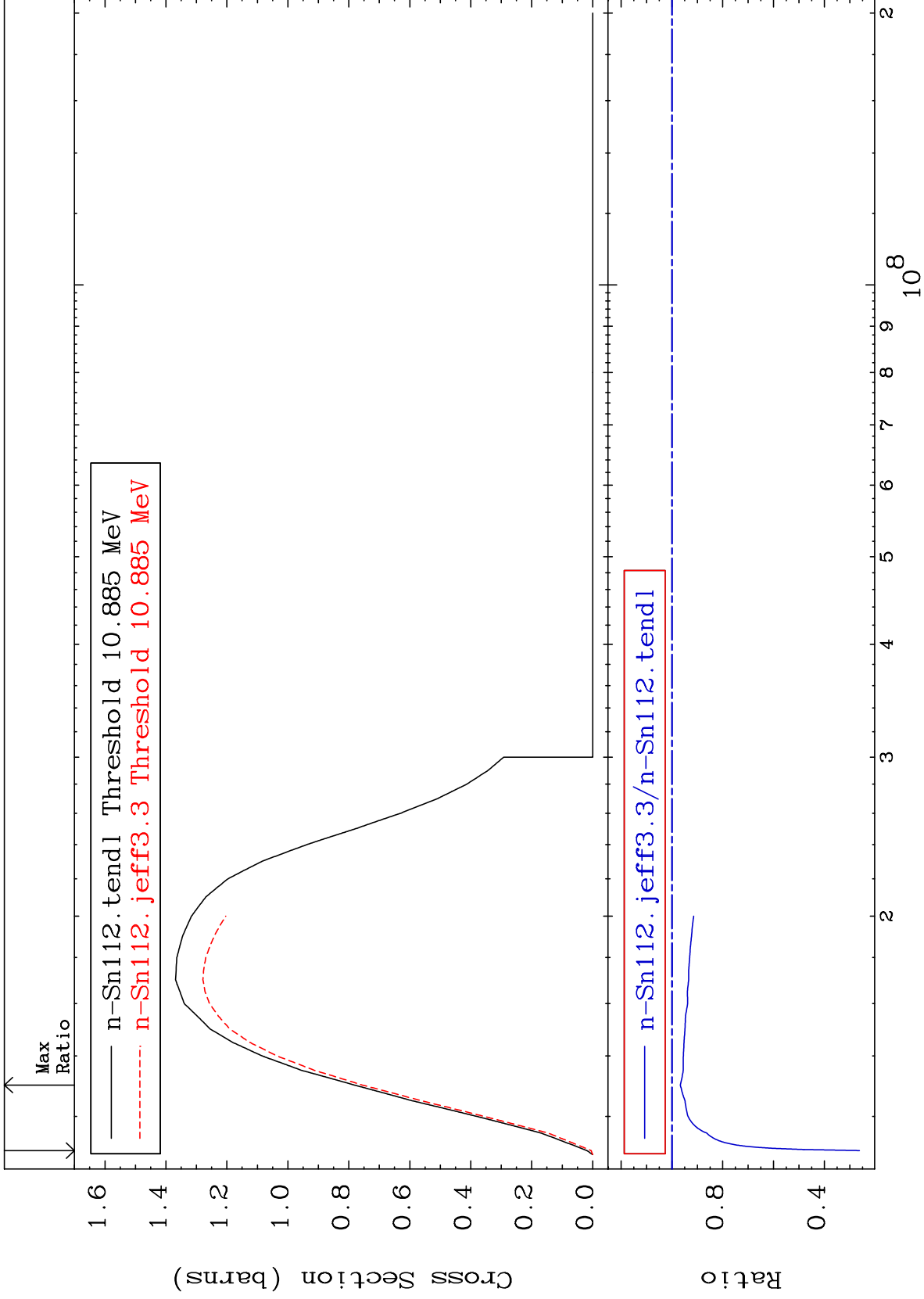
Incident Energy (eV)

50-Sn-112

MAT 5025

(n,2n)
Cross Section

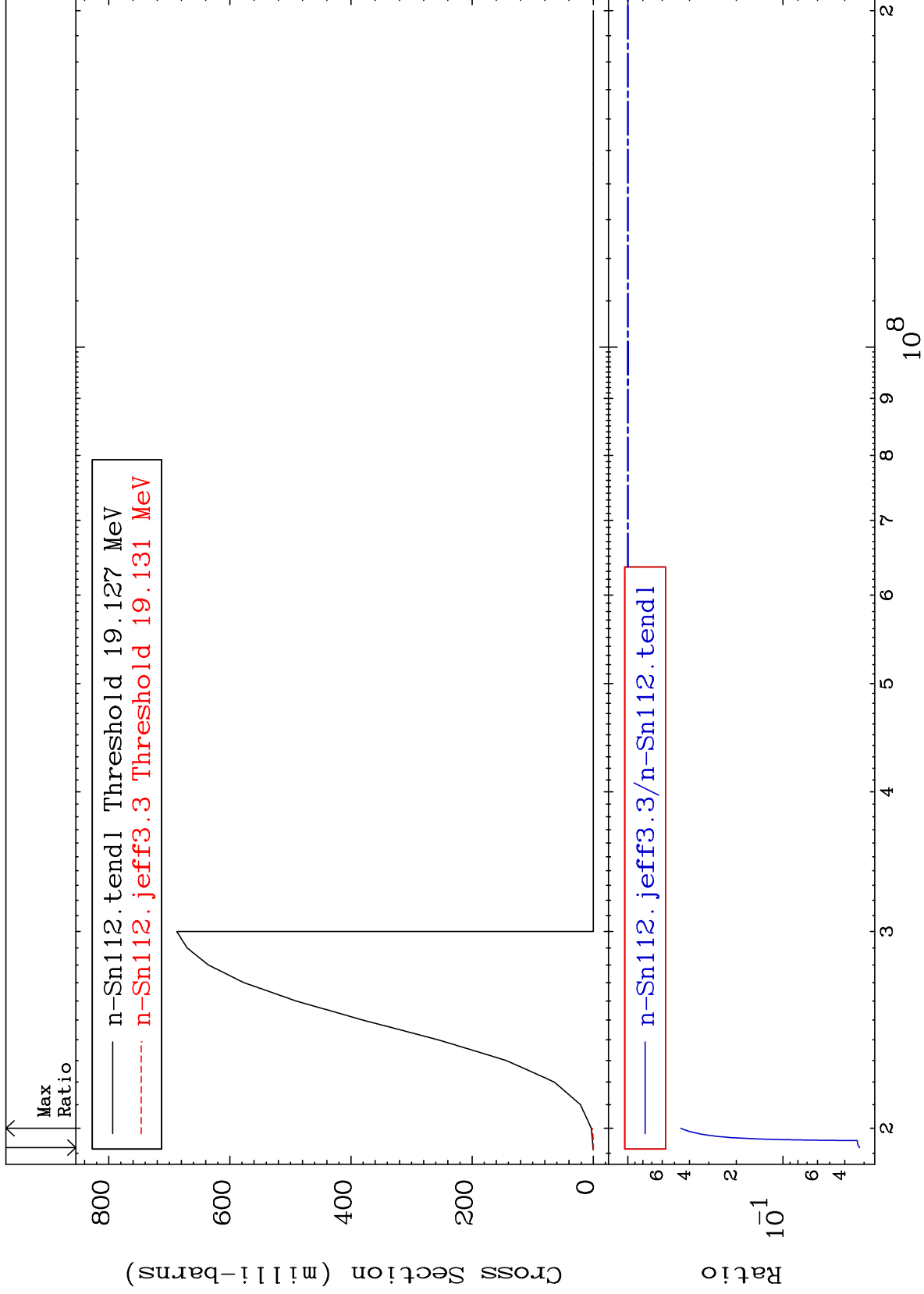
50-Sn-112
-73.81 To -3.321%



MAT 5025

(n,3n)
Cross Section

50-Sn-112
-96.79 To -54.44%



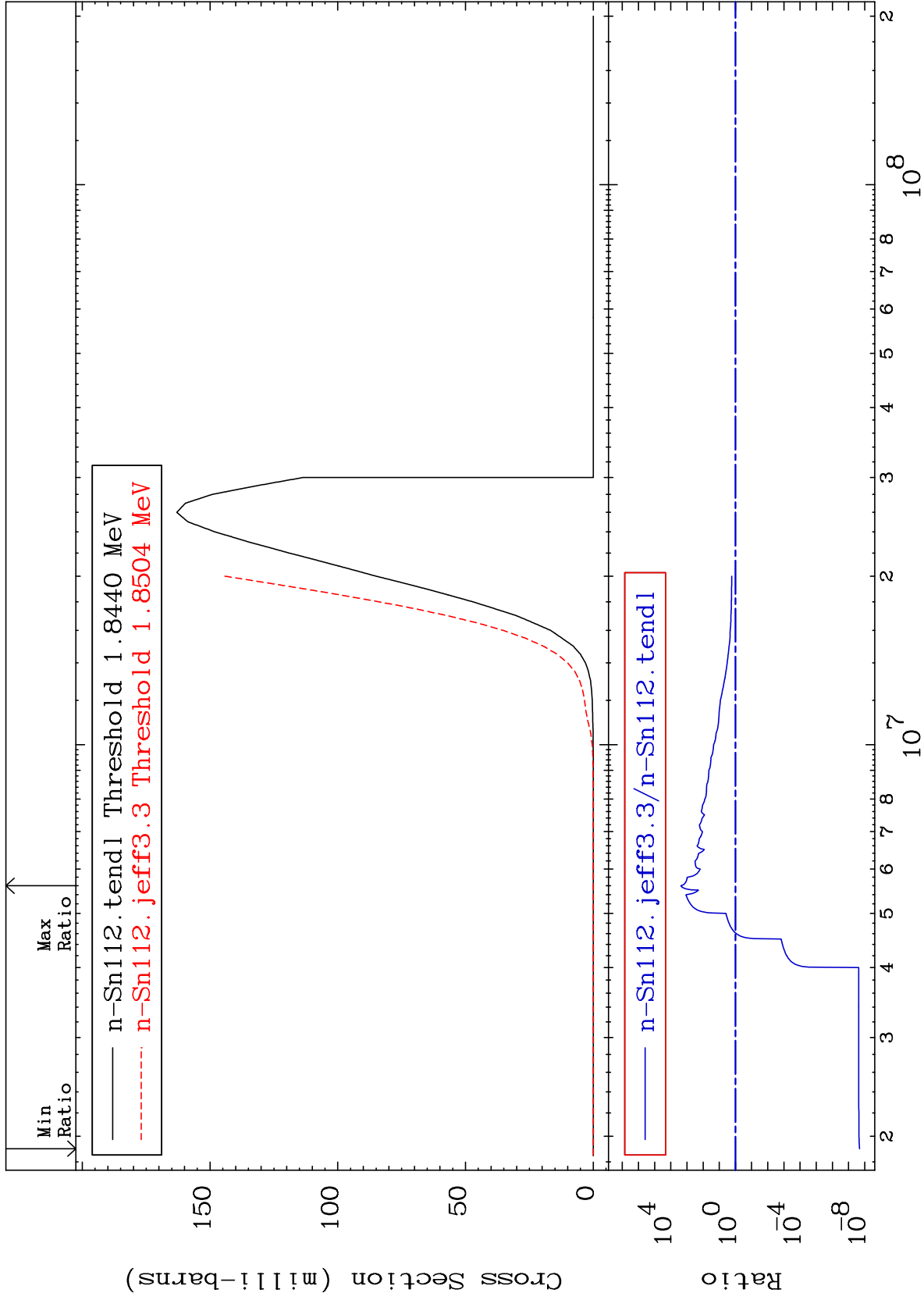
5

Incident Energy (eV)

50-Sn-112

MAT 5025

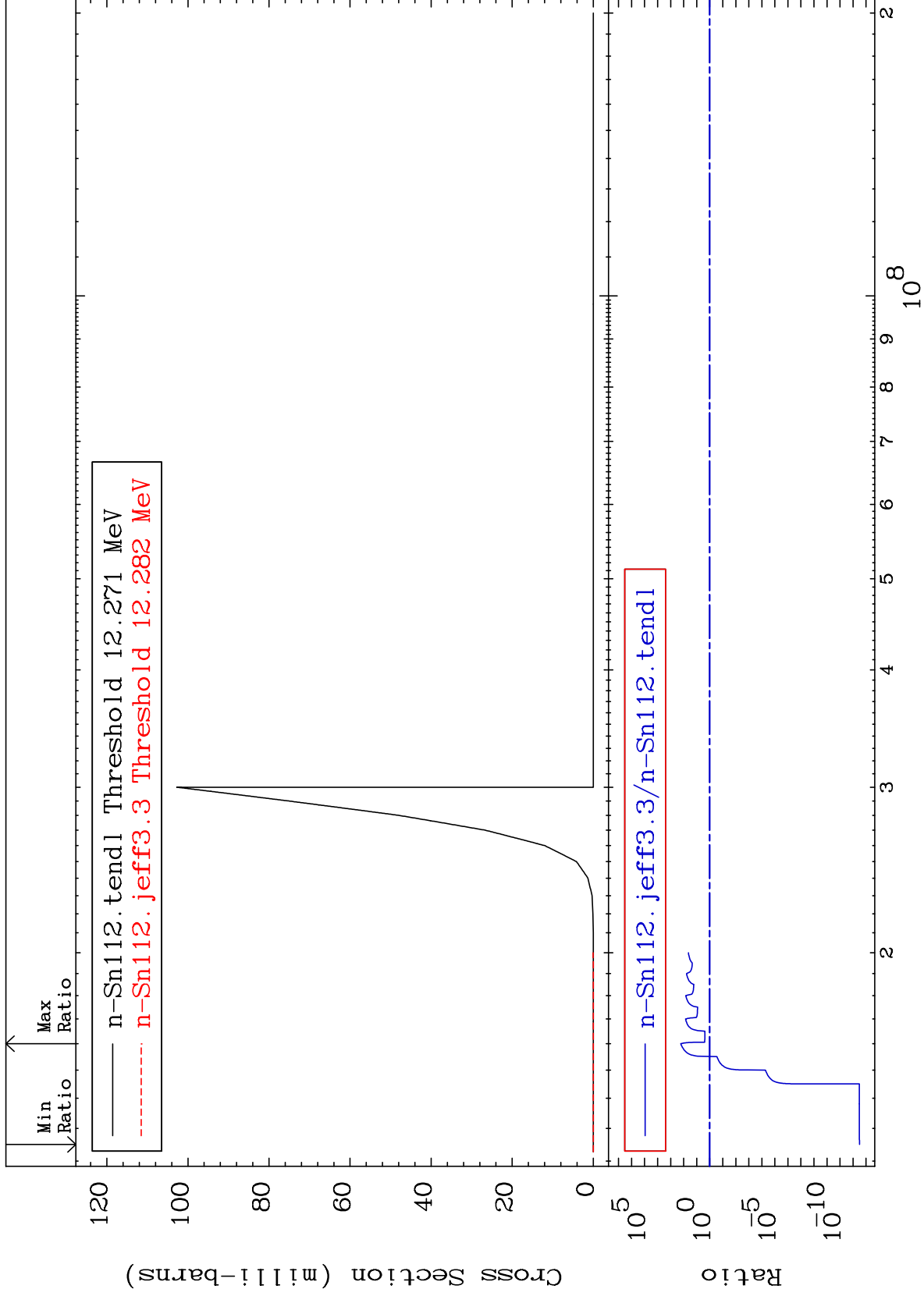
(n, n') α
Cross Section
50-Sn-112
-100.0 To 9999. %



MAT 5025

(n,2n) α
Cross Section

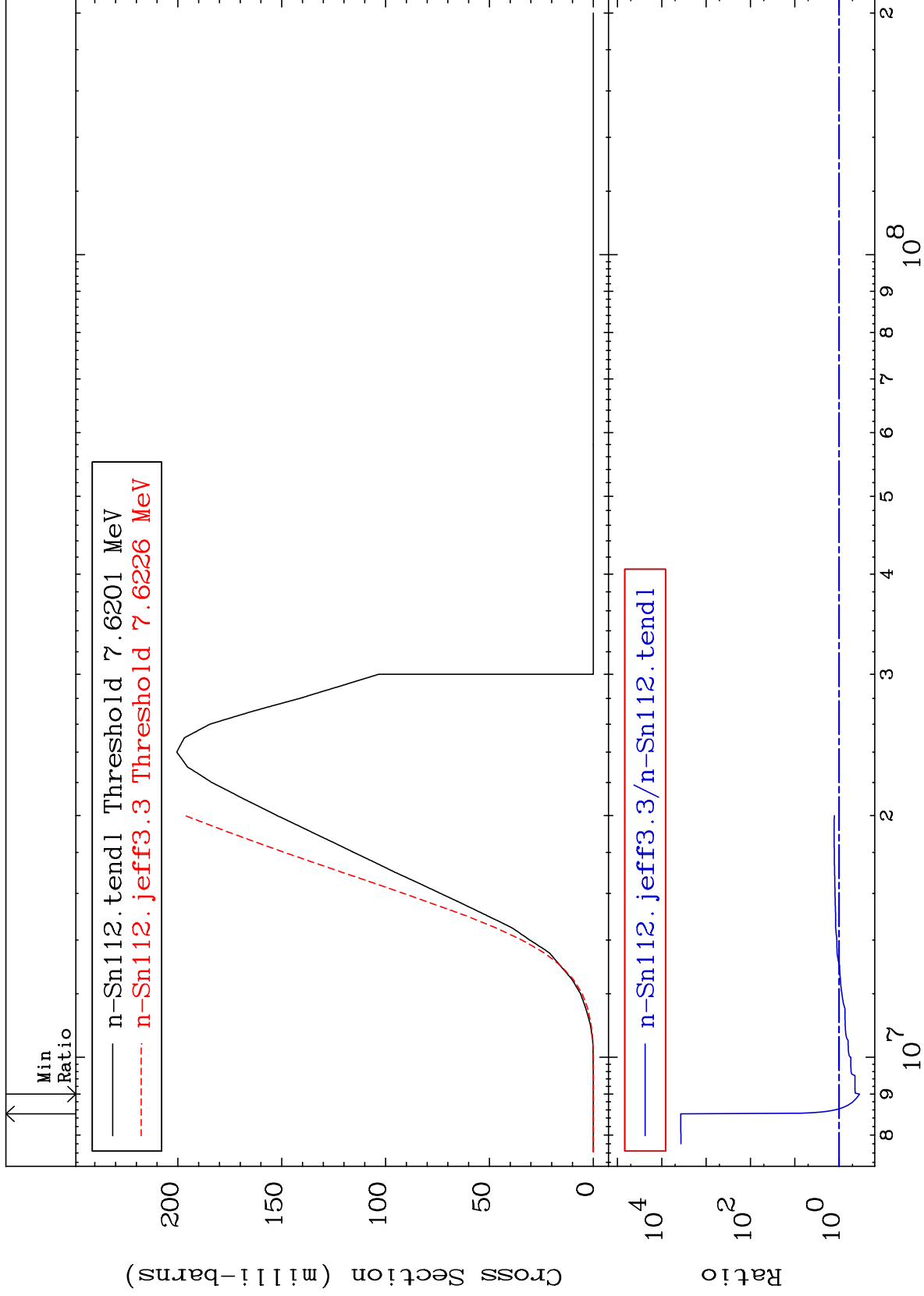
50-Sn-112
-100.0 To 9999. %



MAT 5025

(n,n') p
Cross Section

50-Sn-112
-65.24 To 9999. %



8

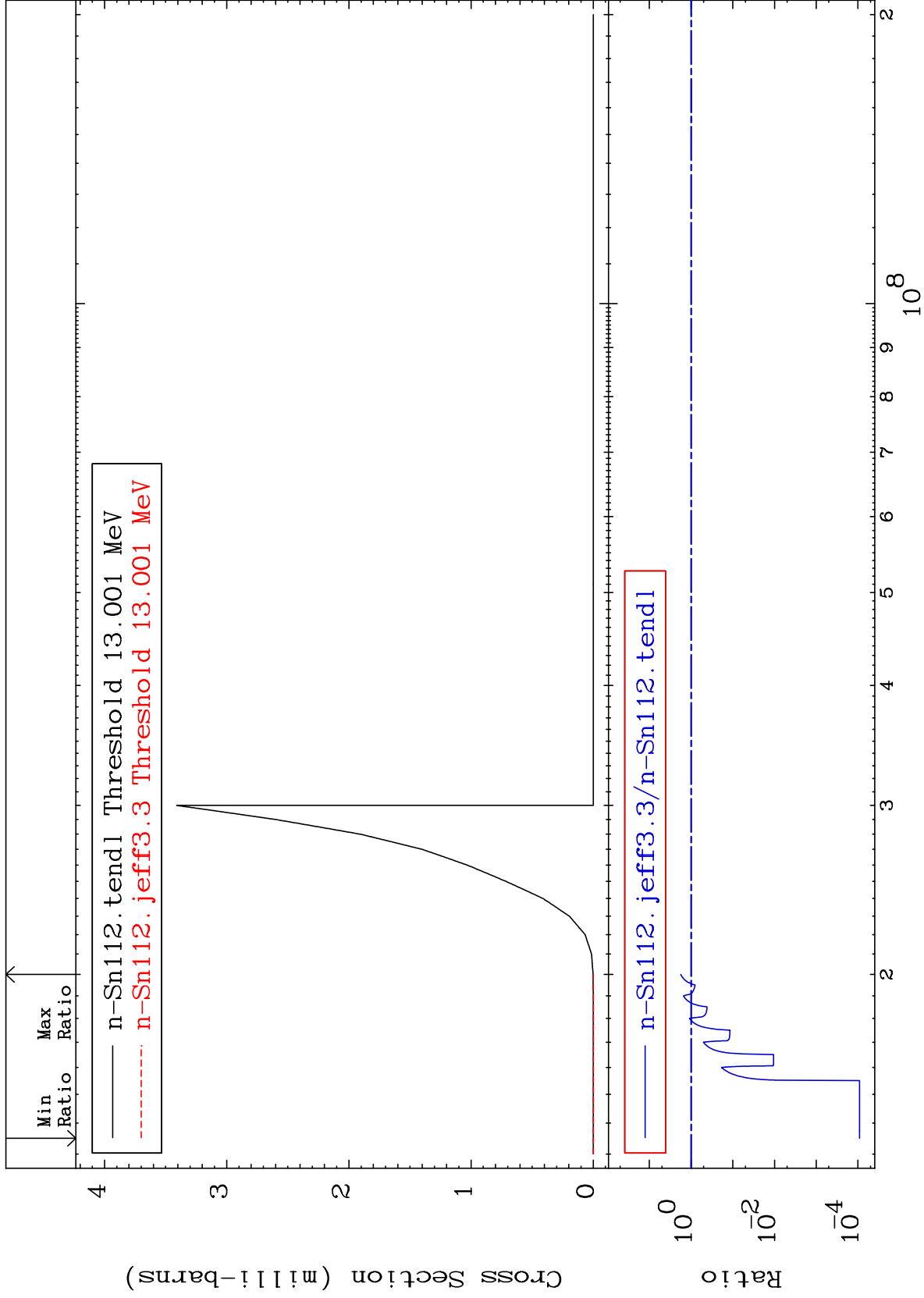
Incident Energy (eV)

50-Sn-112

MAT 5025

(n,2n) p
Cross Section

50-Sn-112
-99.99 To 76.85 %



10

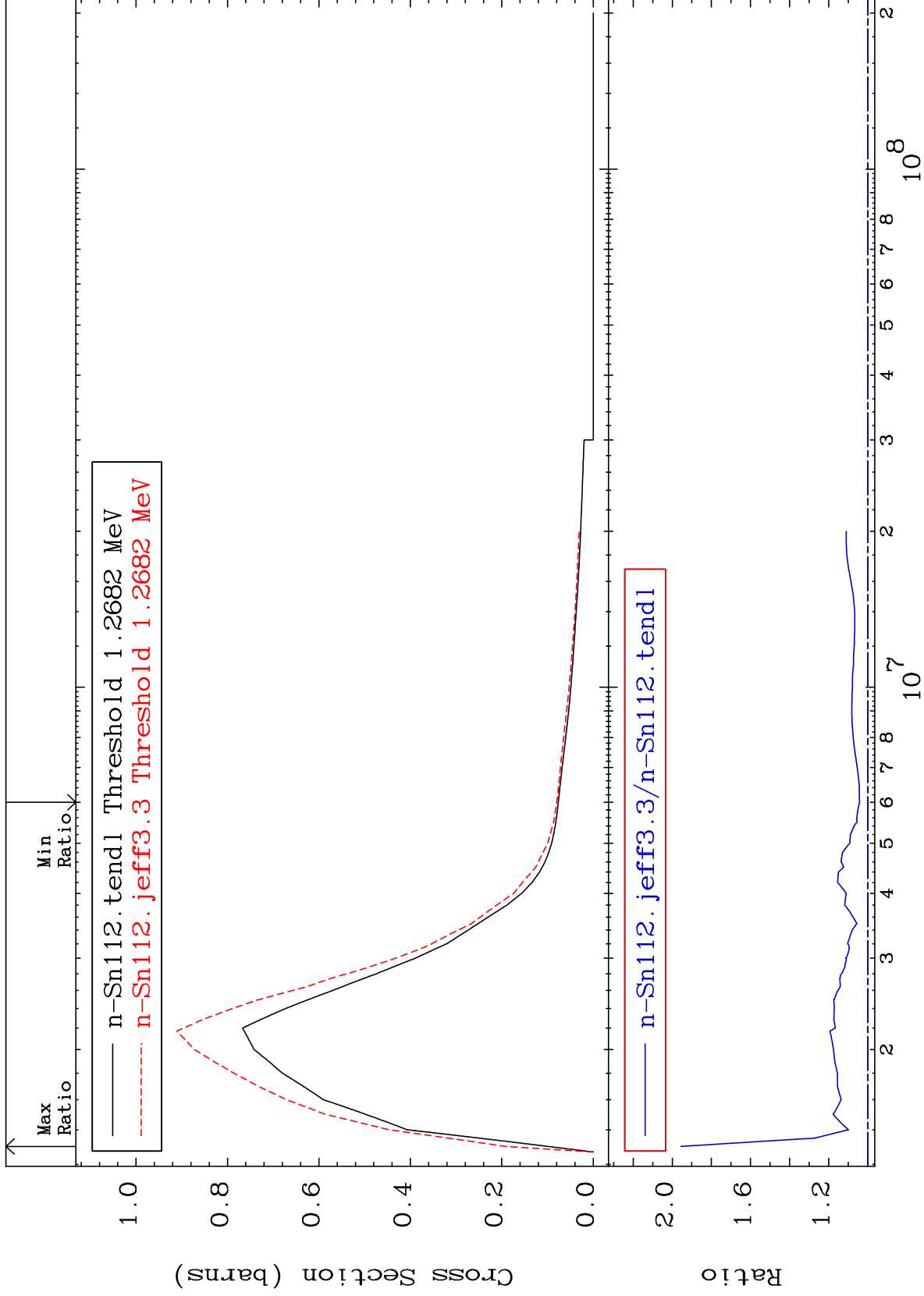
Incident Energy (eV)

50-Sn-112

MAT 5025

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

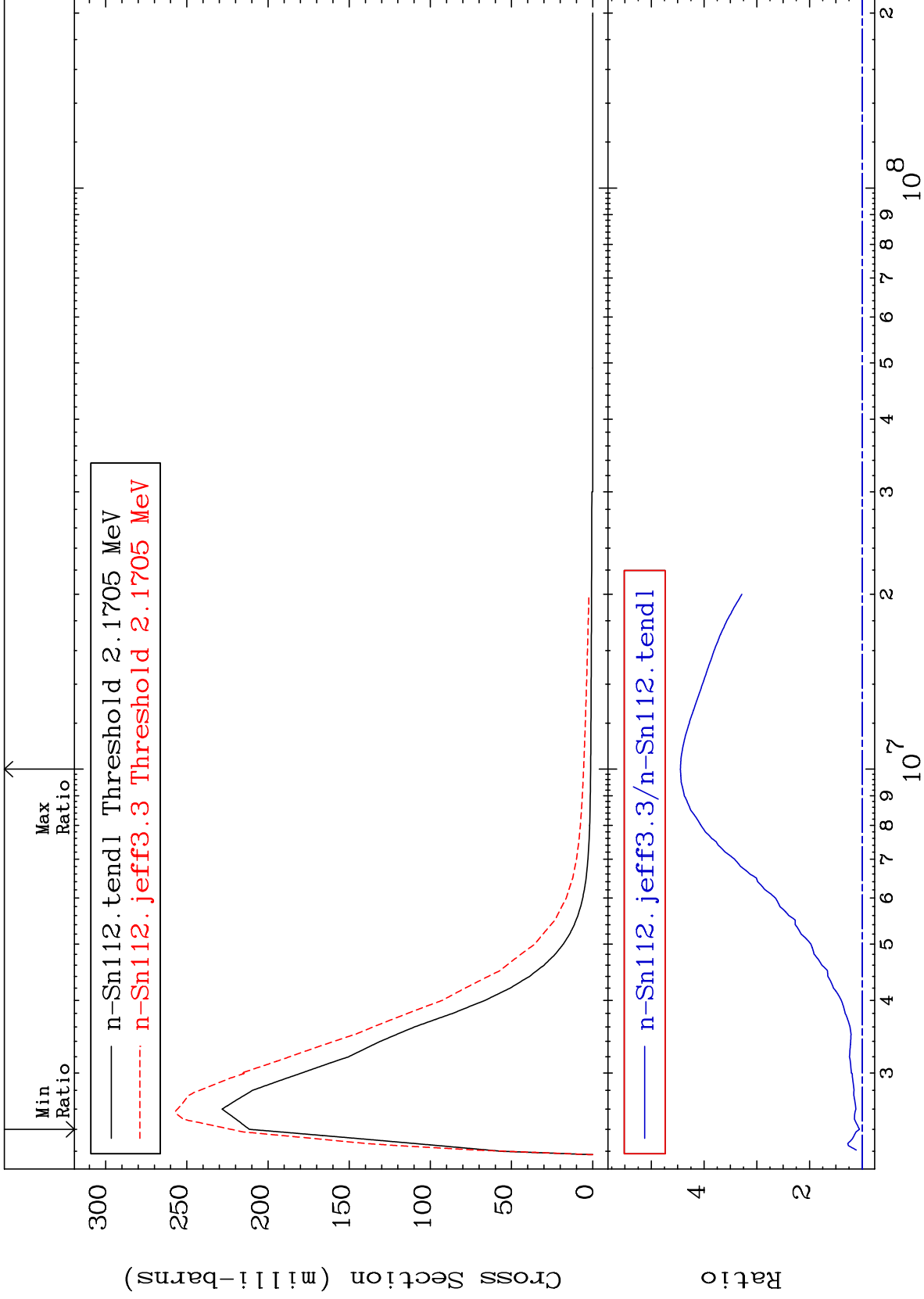
50-Sn-112
4.276 To 95.67 %



MAT 5025

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

50-Sn-112
5.343 To 344.9 %



12

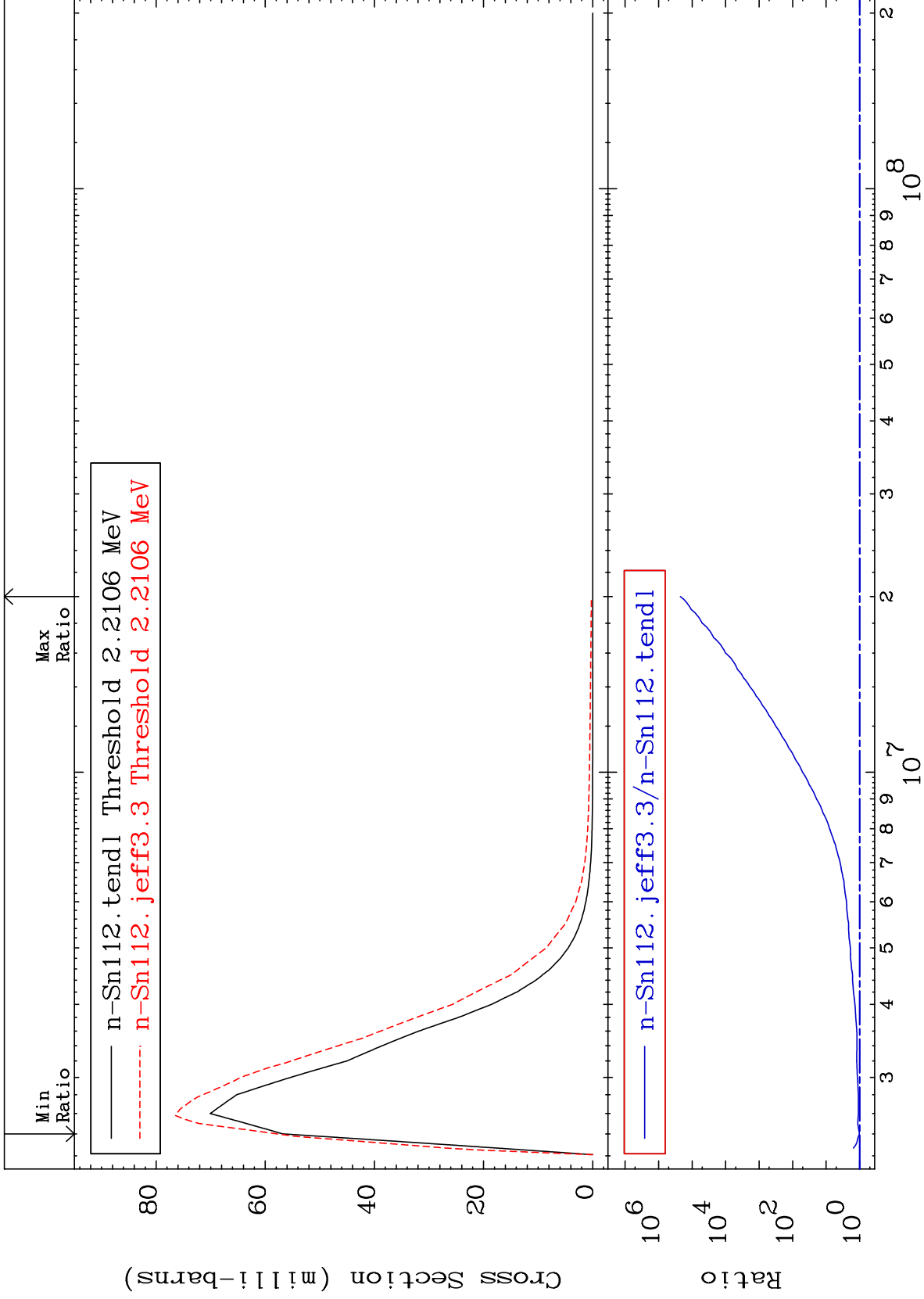
Incident Energy (eV)

50-Sn-112

MAT 5025

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

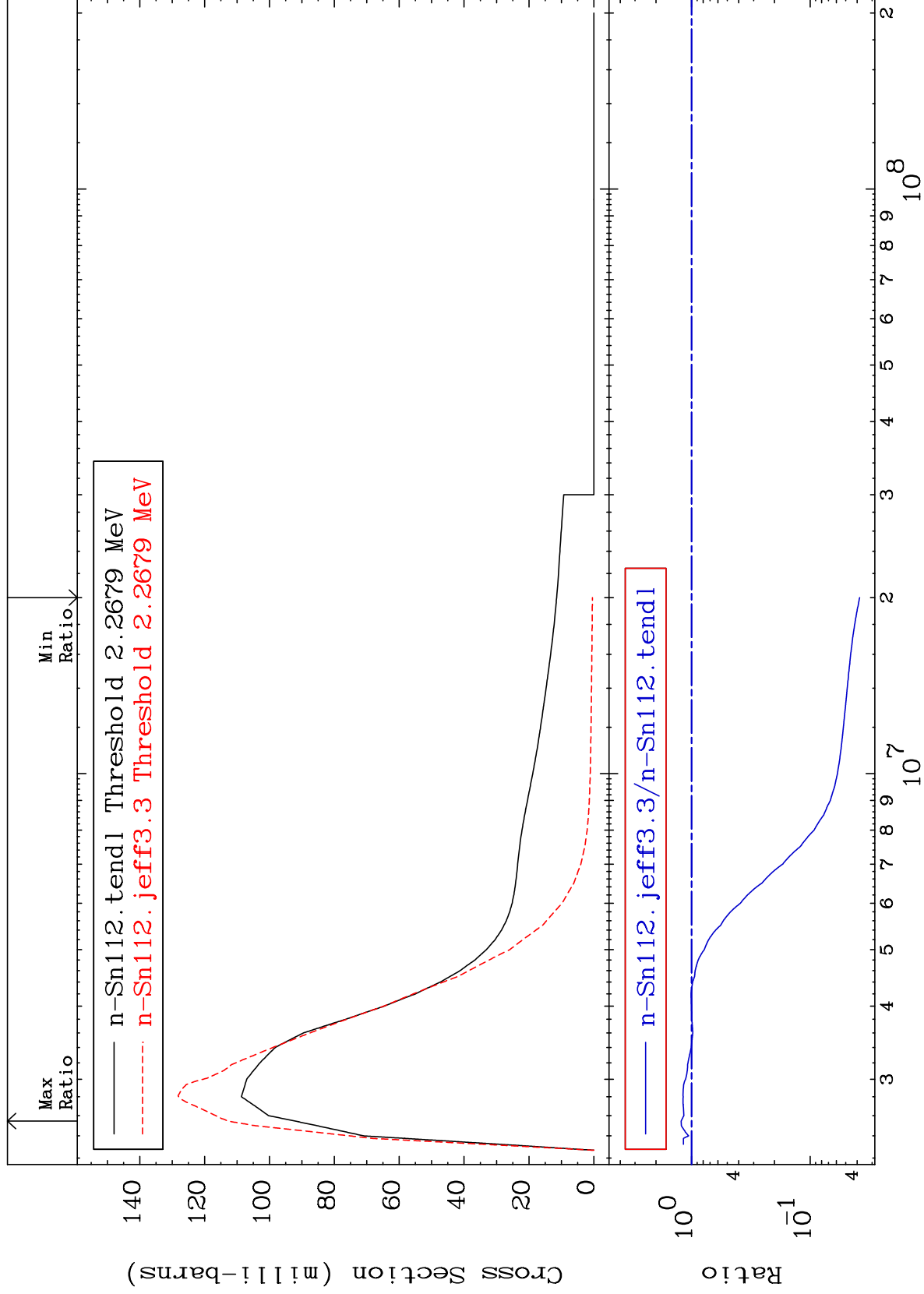
50-Sn-112
To 9999. %
1.747



MAT 5025

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

50-Sn-112
-96.18 To 22.47 %



14

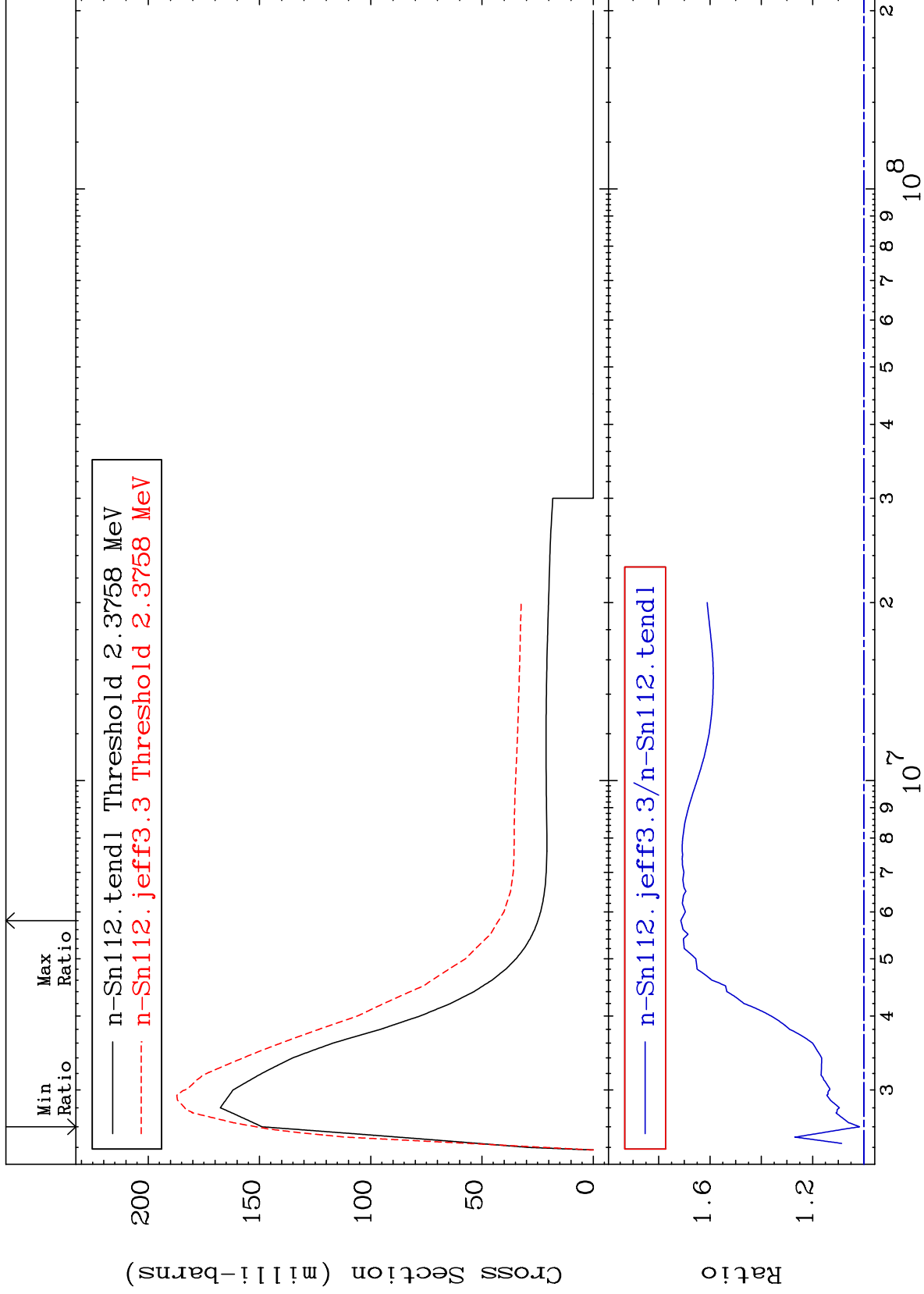
Incident Energy (eV)

50-Sn-112

MAT 5025

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

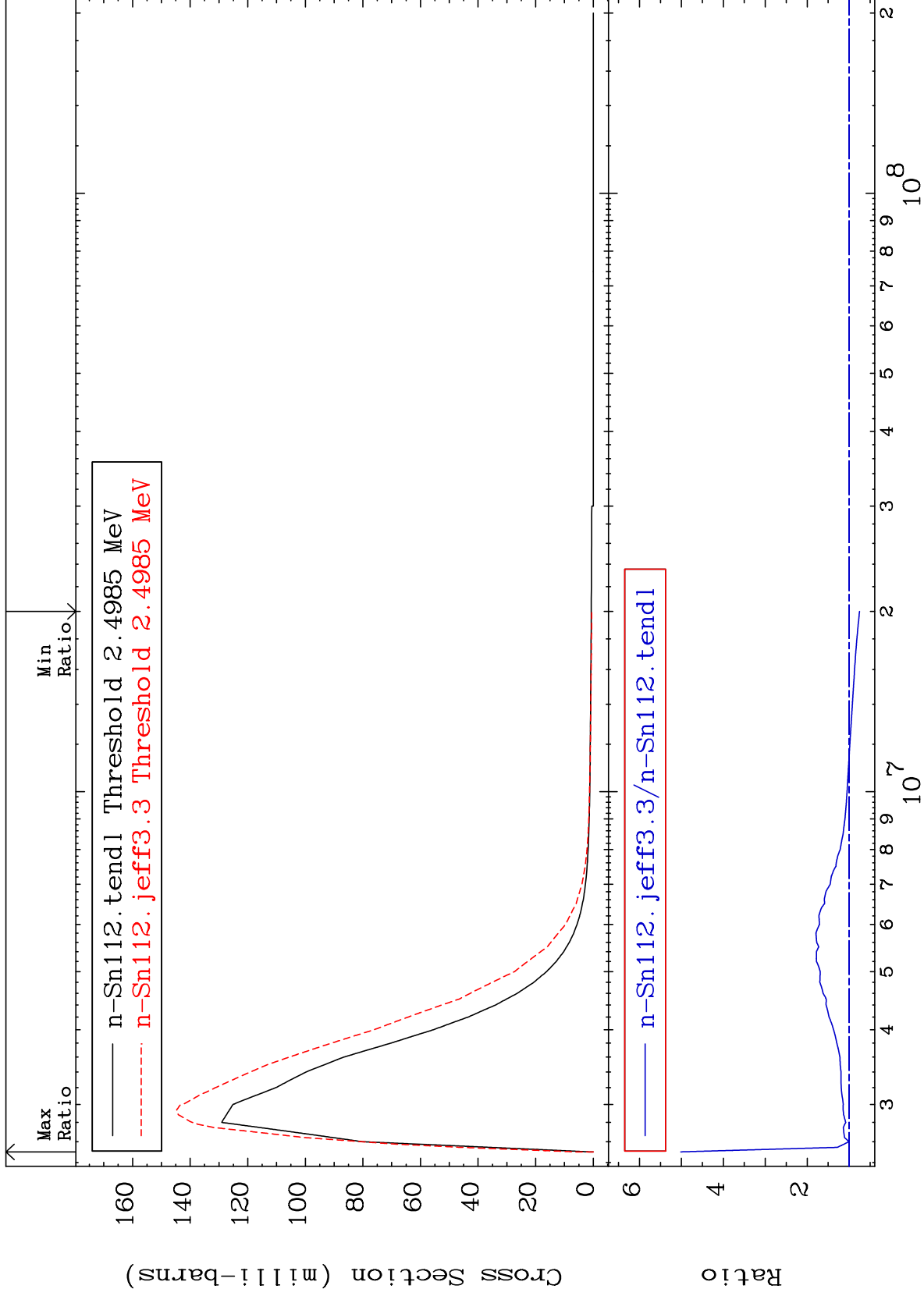
50-Sn-112
To 71.40 %



MAT 5025

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

50-Sn-112
-24.90 To 401.6 %



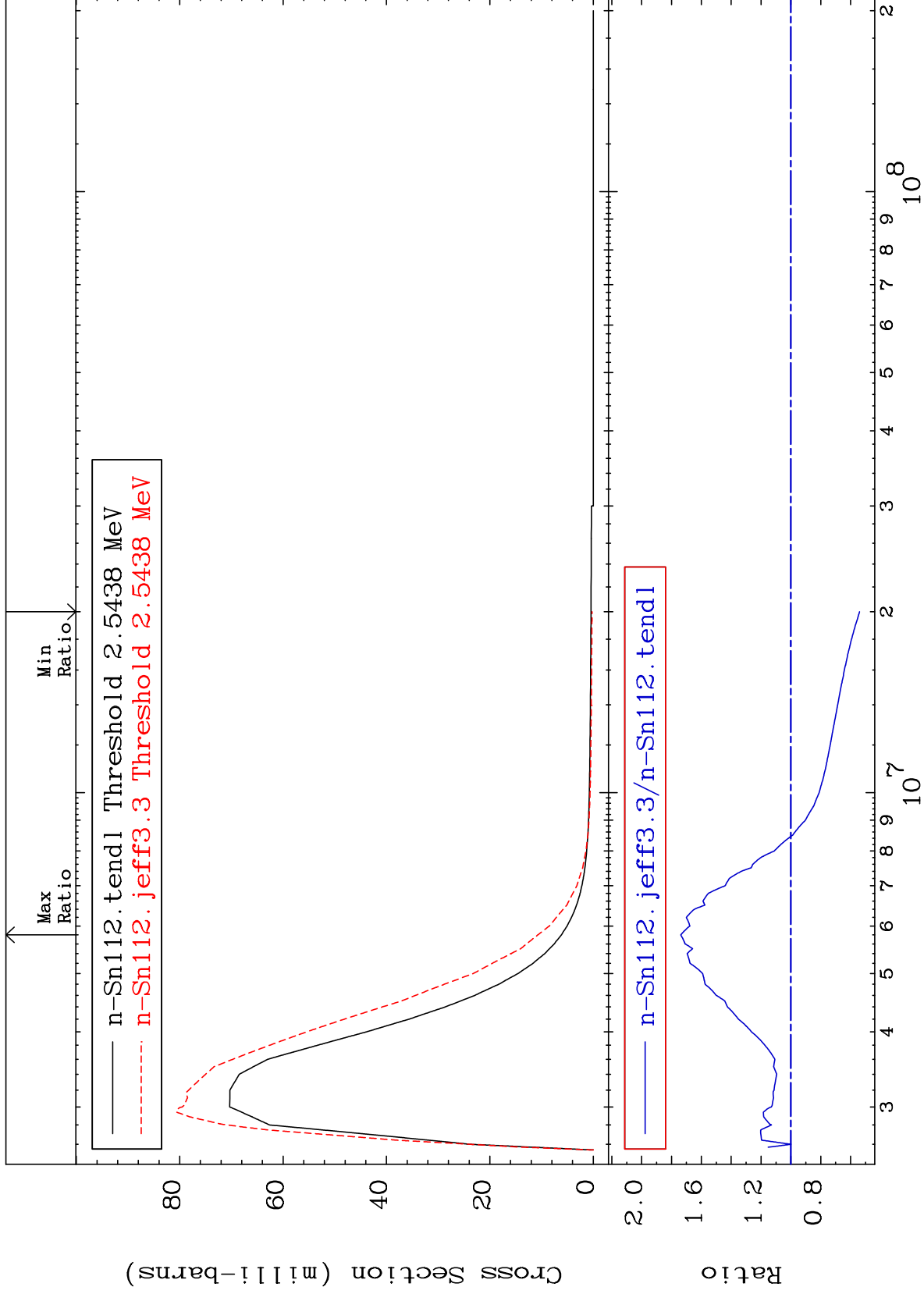
16

50-Sn-112

MAT 5025

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

50-Sn-112
-46.00 To 73.78 %



17

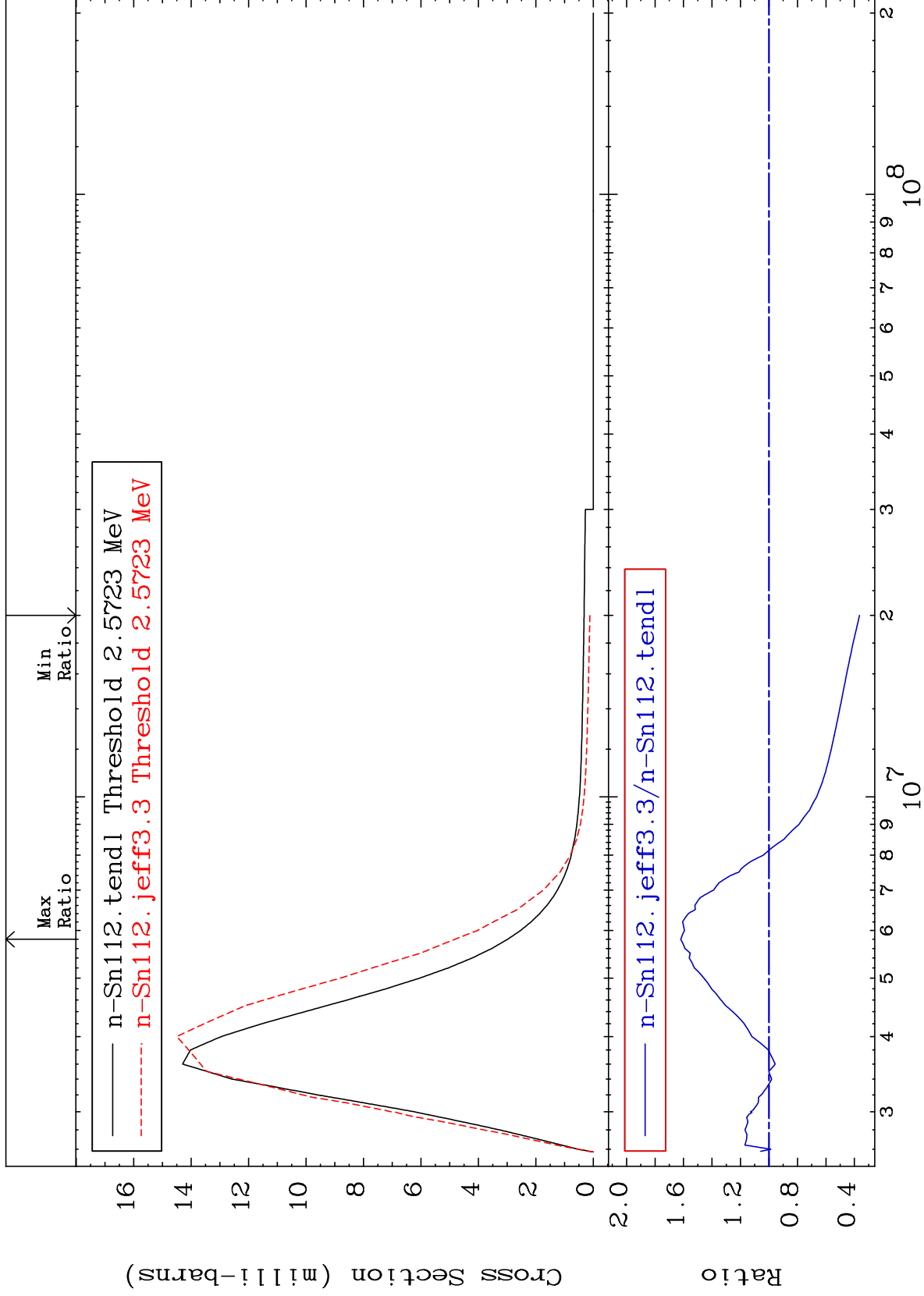
Incident Energy (eV)

50-Sn-112

MAT 5025

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

50-Sn-112
-63.59 To 61.92 %



18

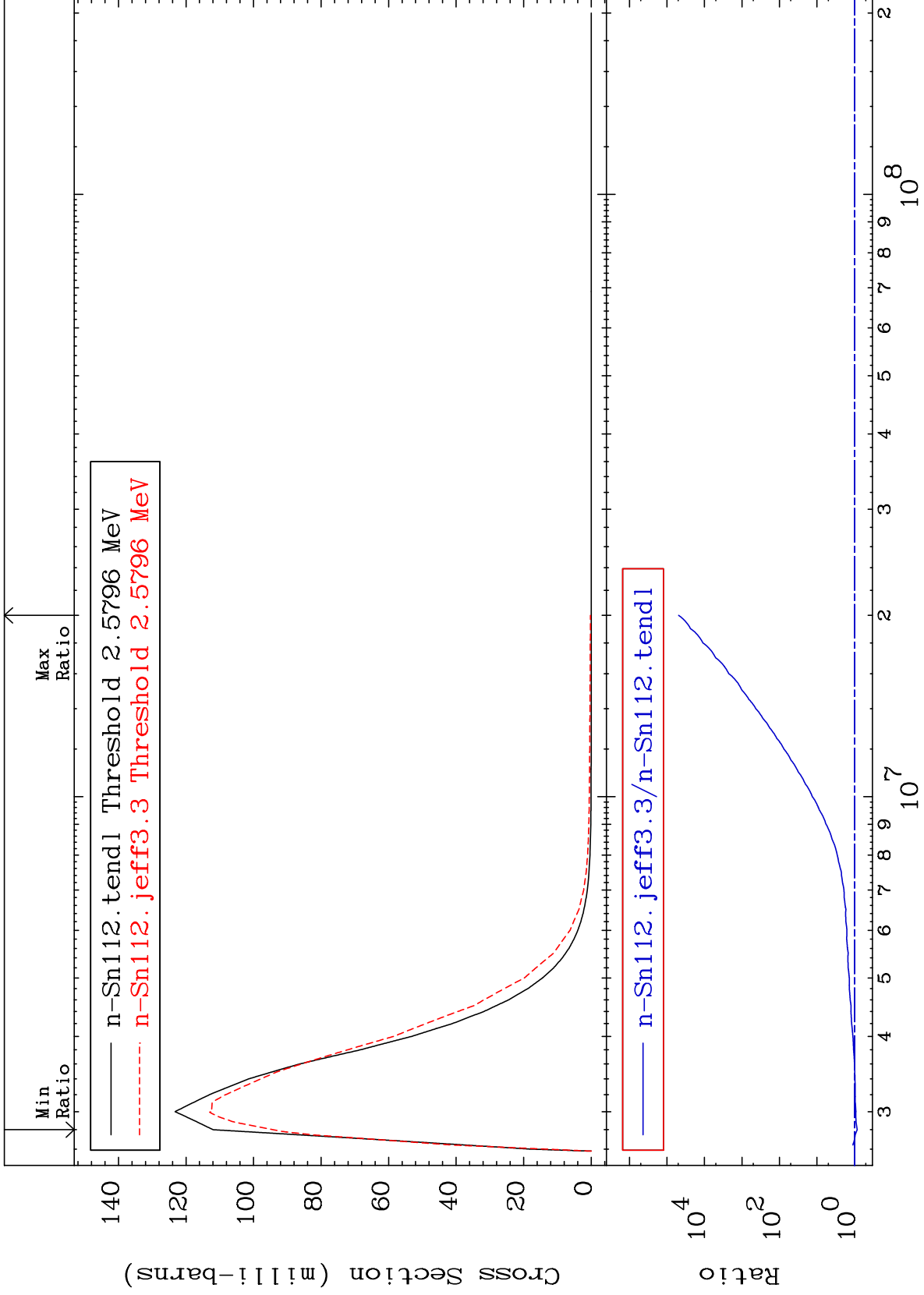
Incident Energy (eV)

50-Sn-112

MAT 5025

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

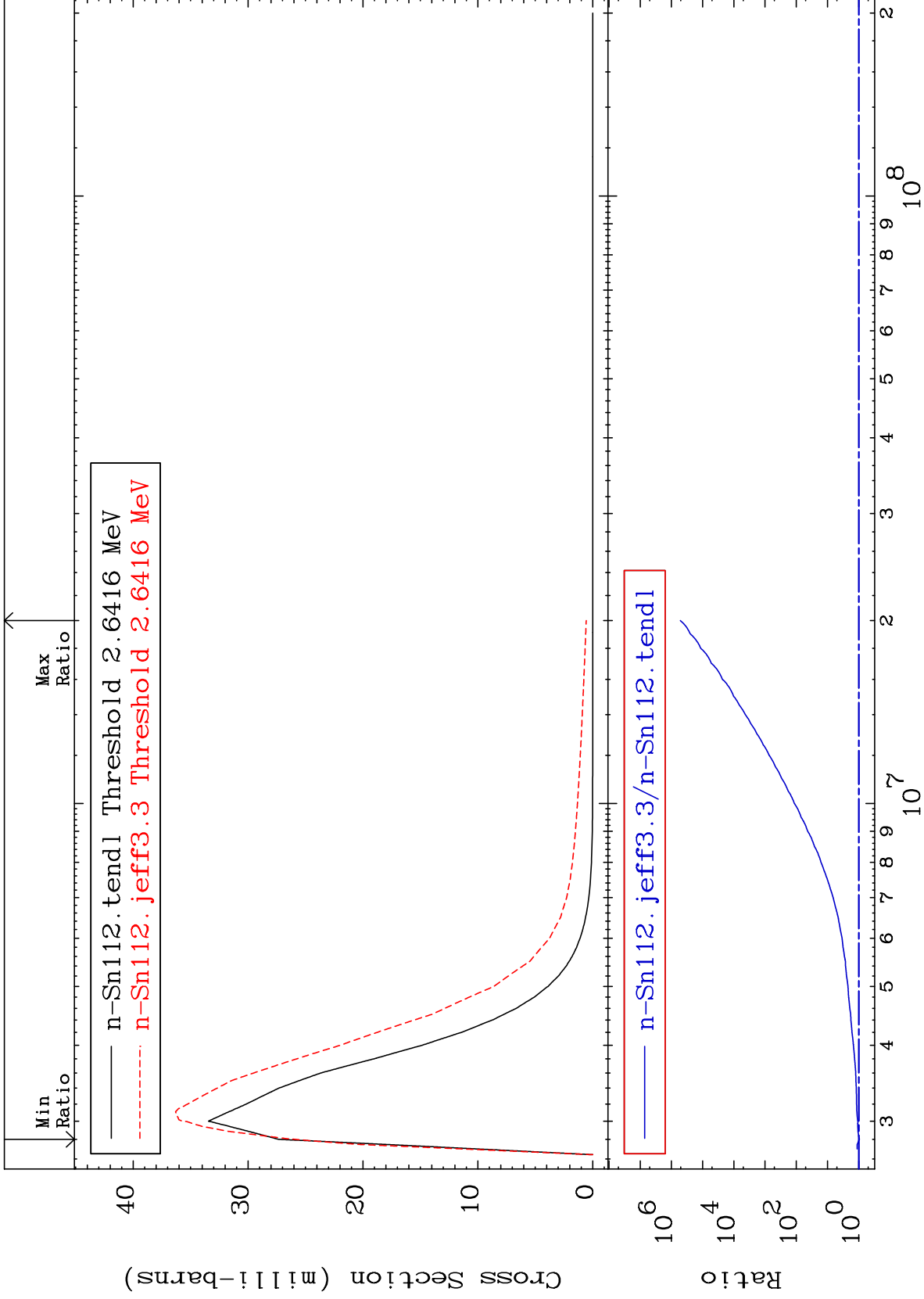
50-Sn-112
-15.83 To 9999. %



MAT 5025

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

50-Sn-112
-5.160 To 9999. %



20

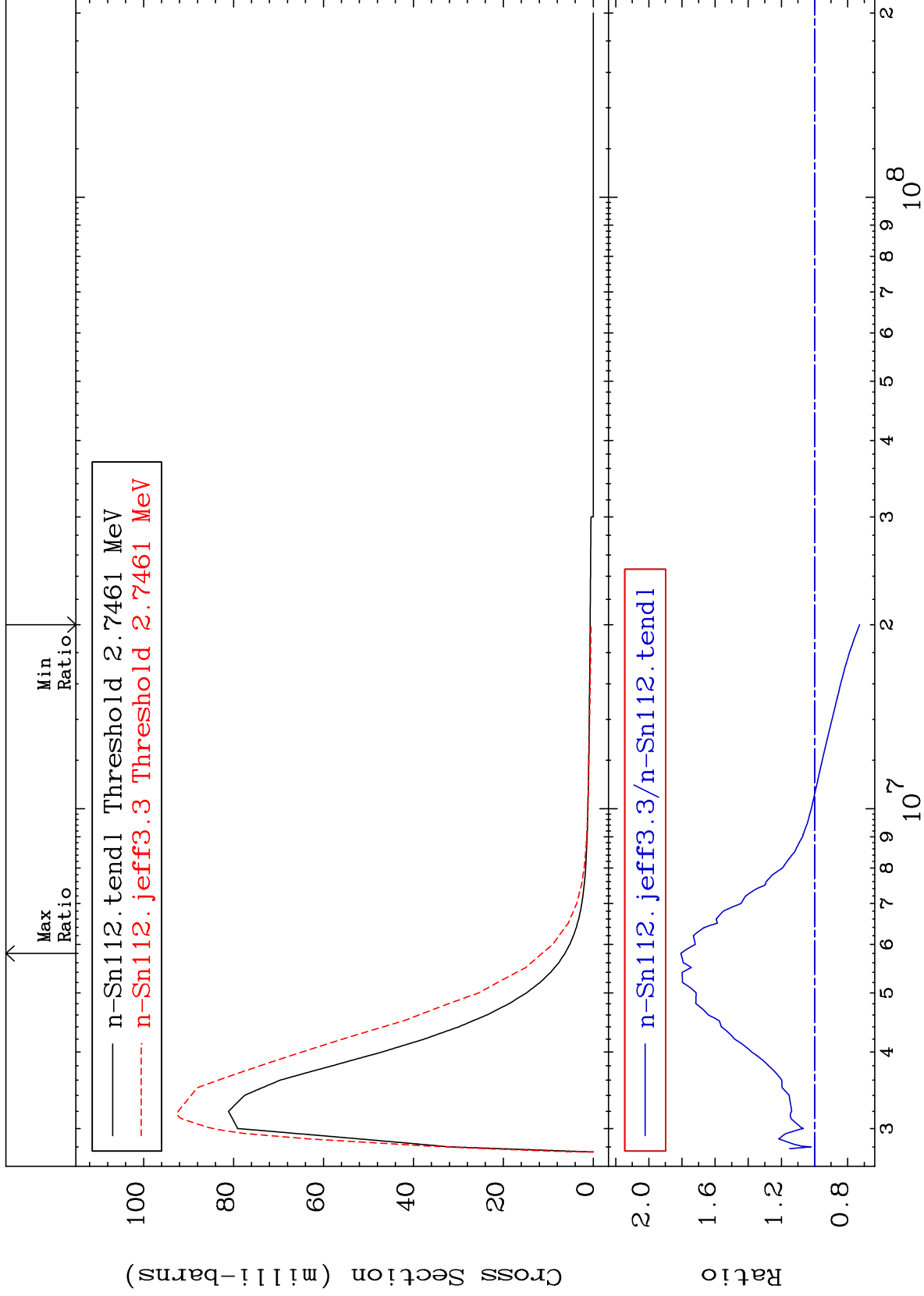
Incident Energy (eV)

50-Sn-112

MAT 5025

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

50-Sn-112
-27.16 To 80.73 %



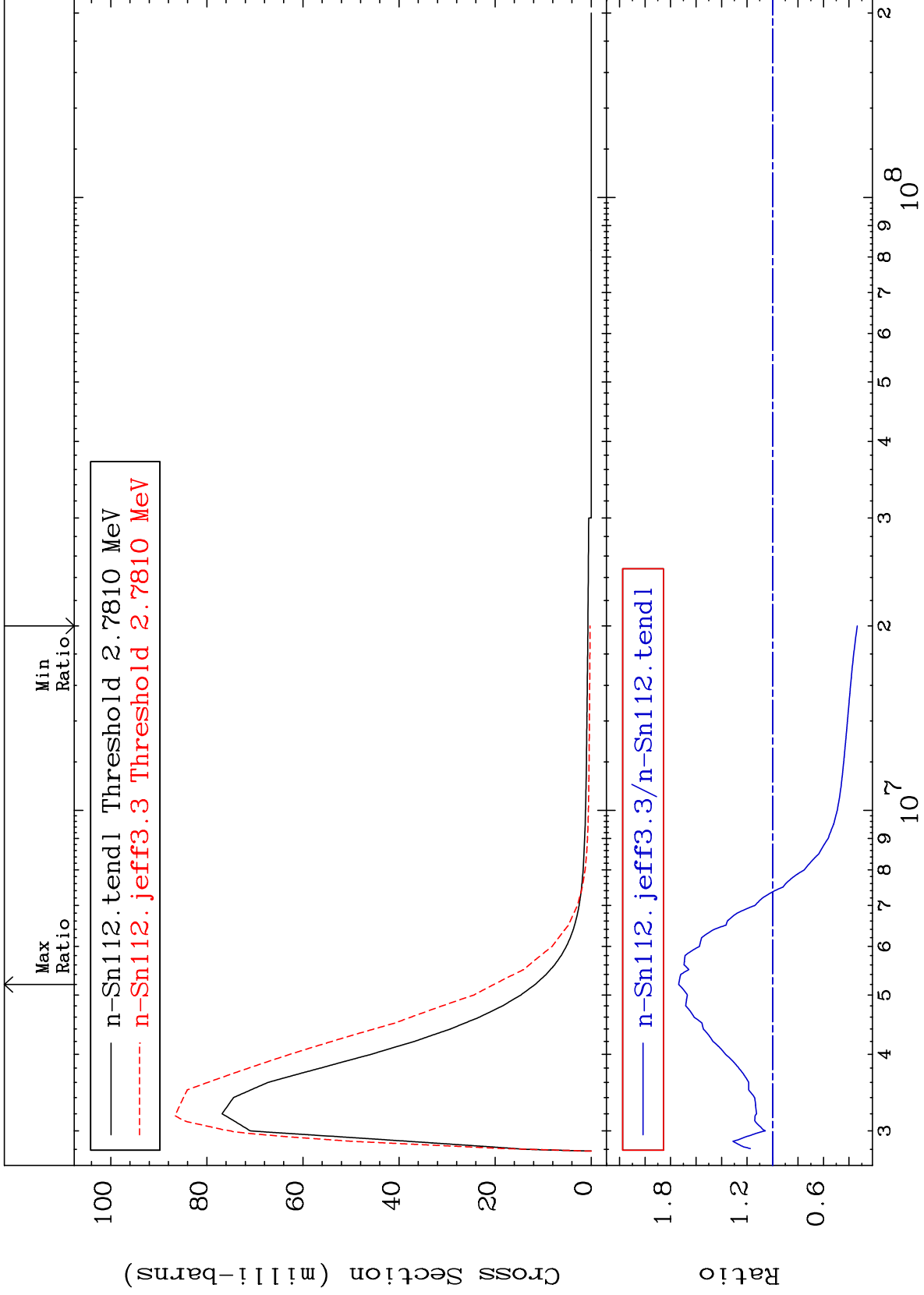
21

50-Sn-112

MAT 5025

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

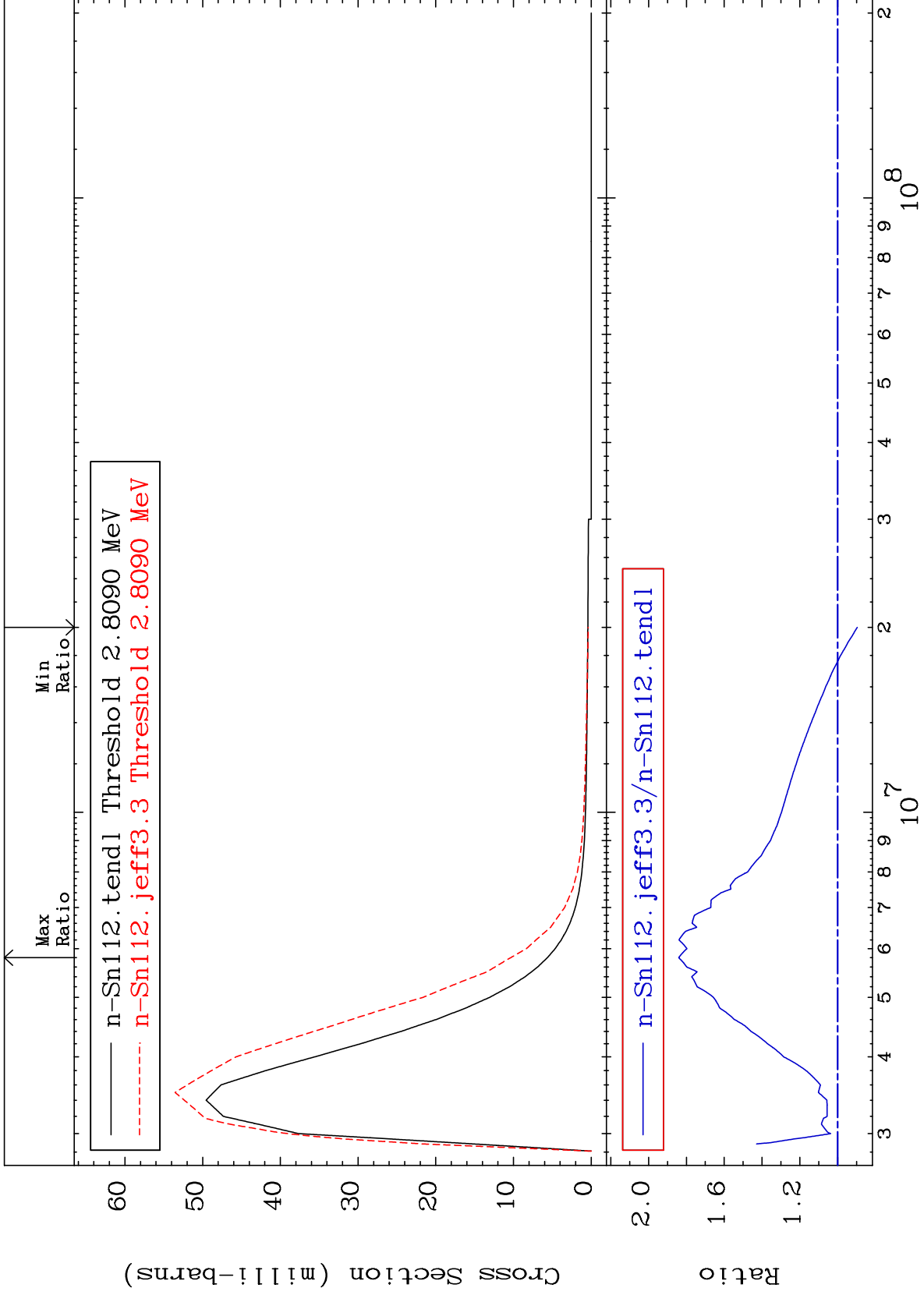
50-Sn-112
-66.46 To 73.66 %



MAT 5025

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

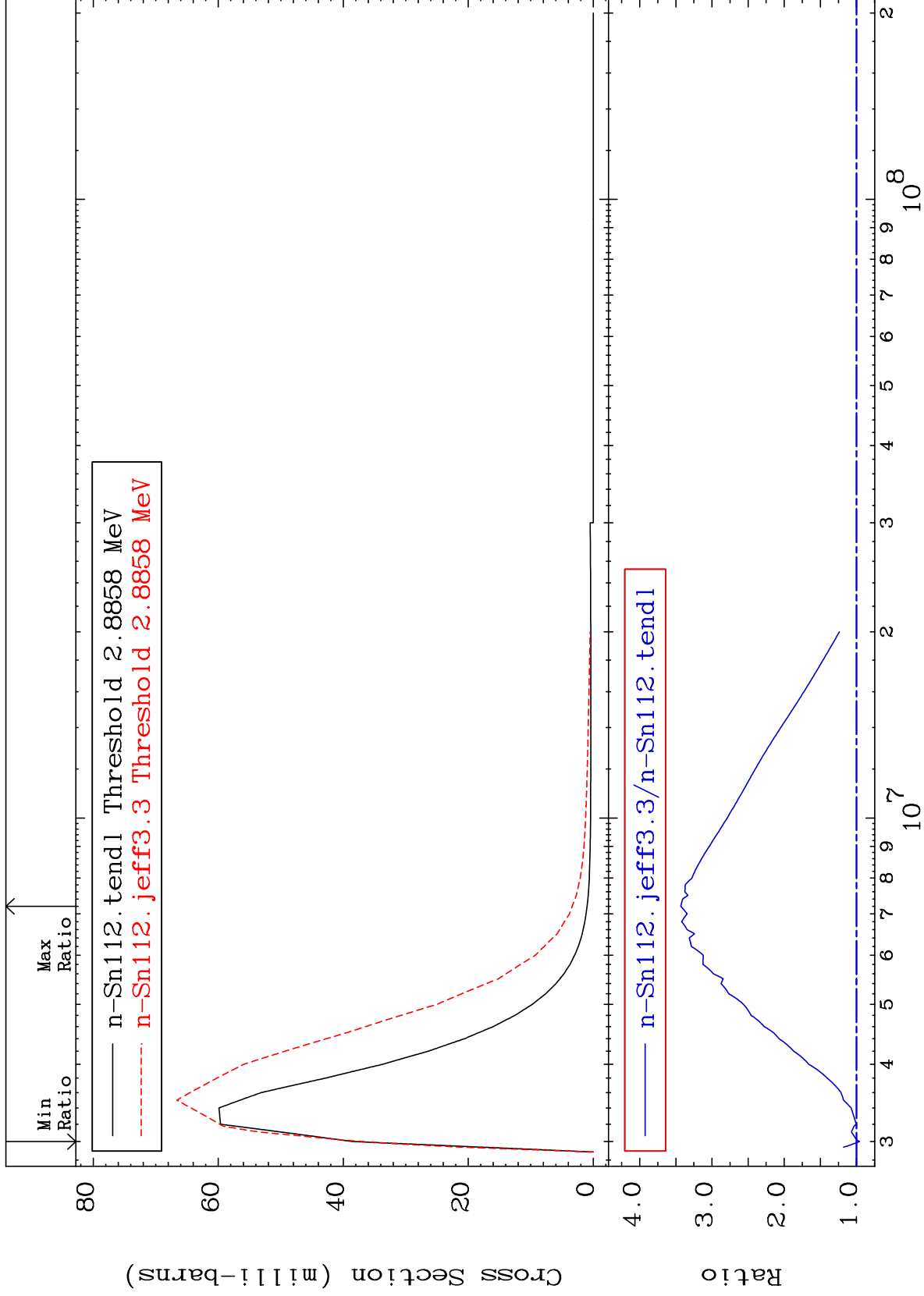
50-Sn-112
-10.38 To 84.10 %



MAT 5025

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

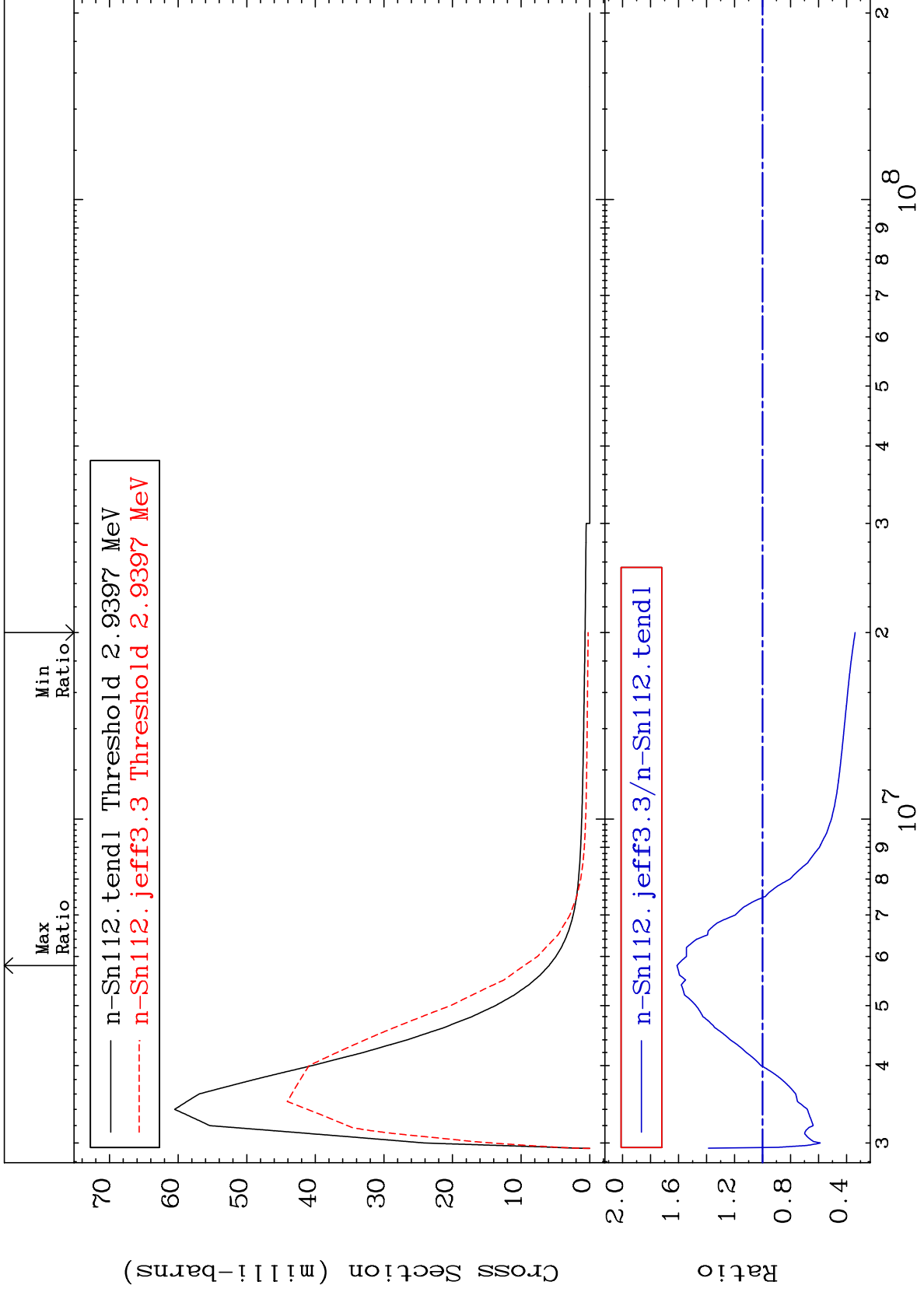
50-Sn-112
-4.191 To 243.2 %



MAT 5025

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

50-Sn-112
-66.10 To 61.18 %



25

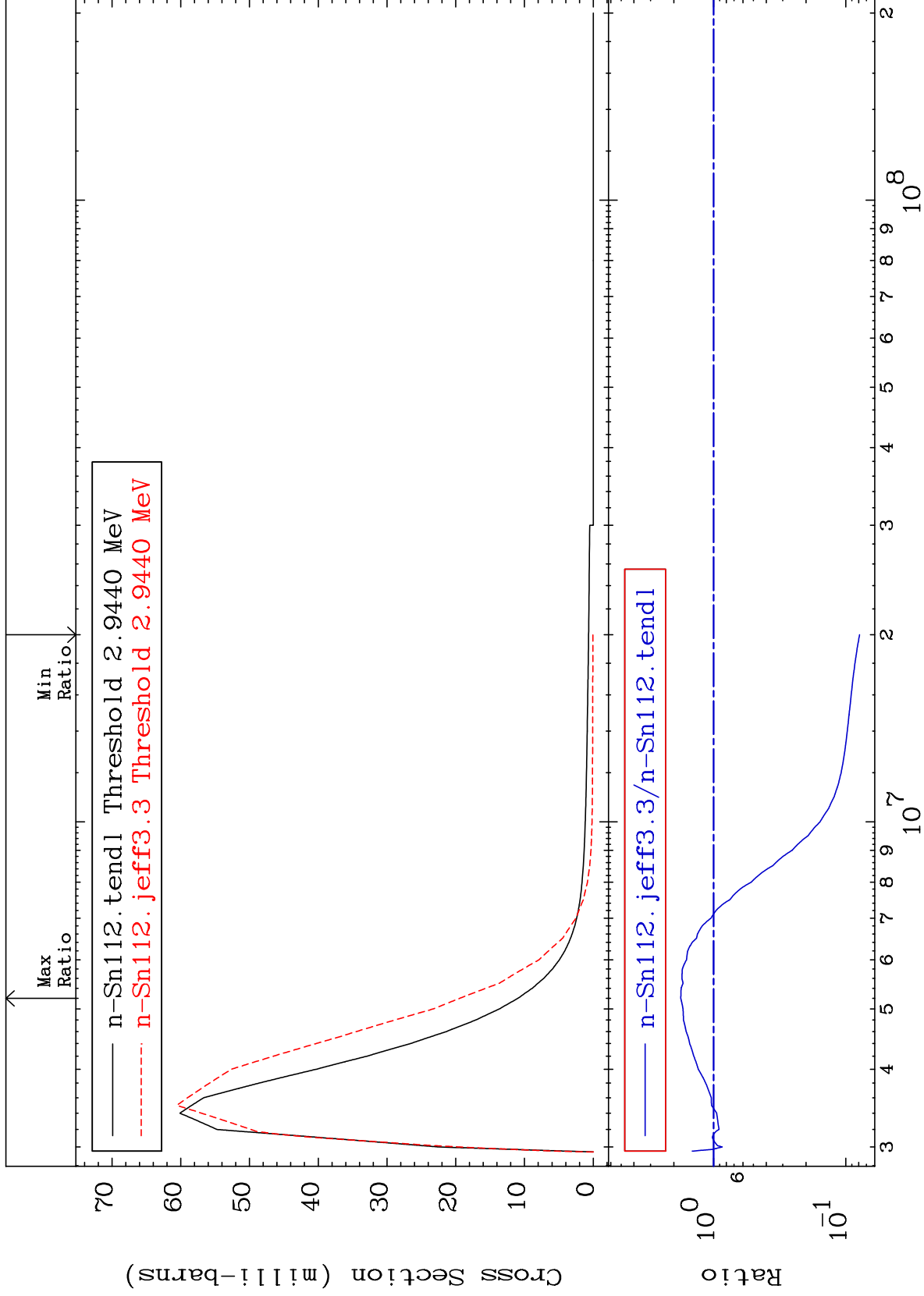
Incident Energy (eV)

50-Sn-112

MAT 5025

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

50-Sn-112
-92.12 To 77.10 %



26

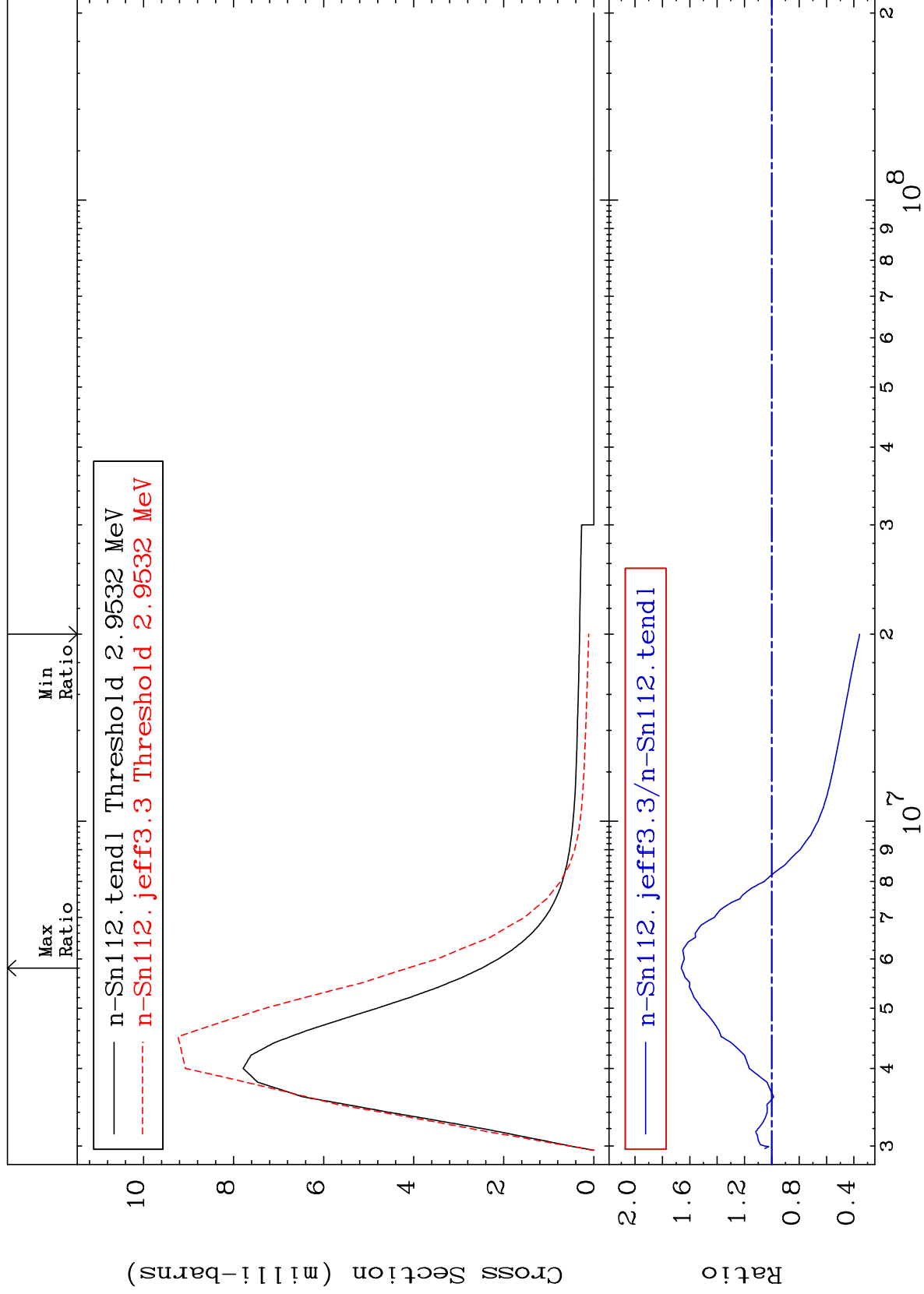
Incident Energy (eV)

50-Sn-112

MAT 5025

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

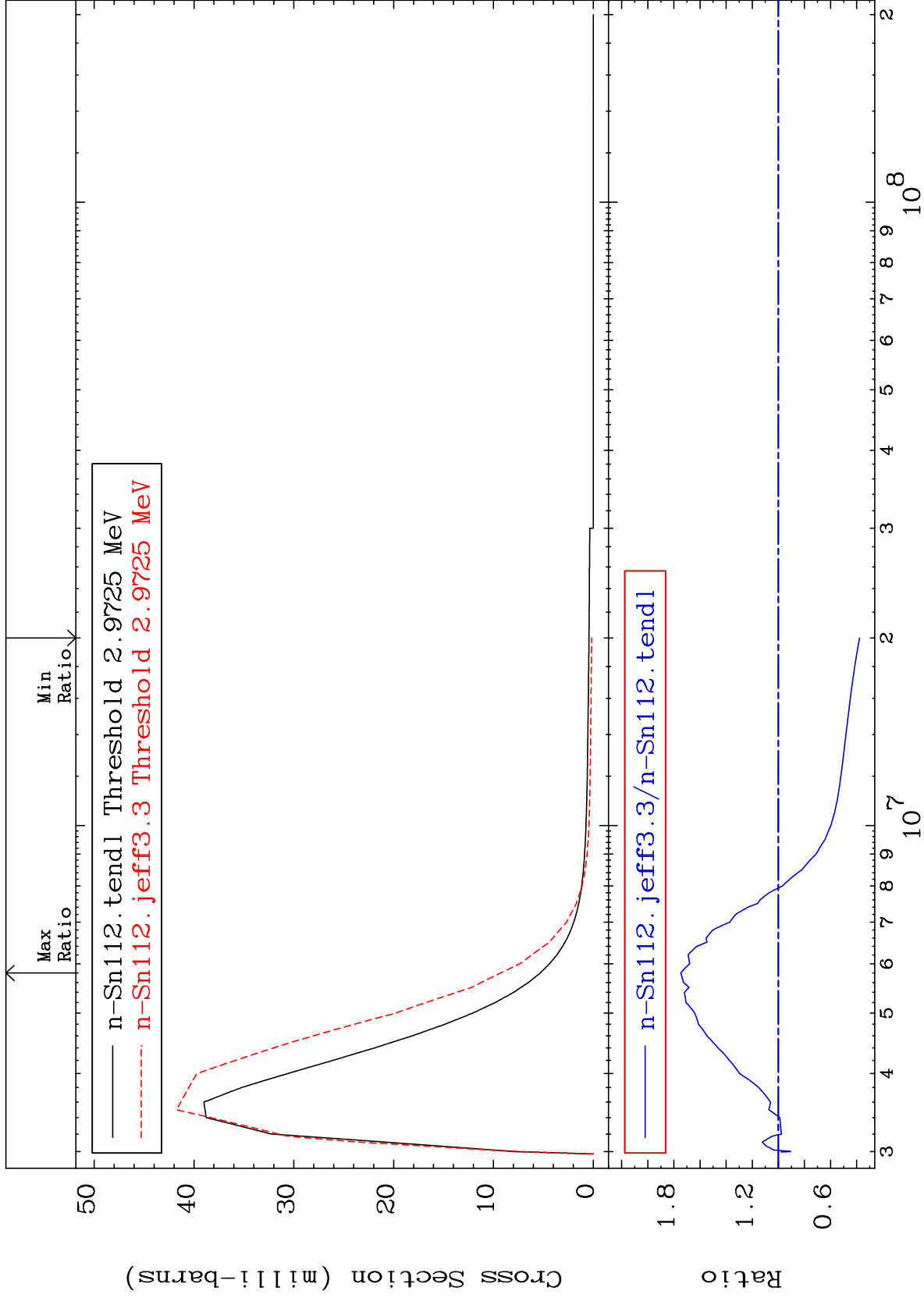
50-Sn-112
-64.21 To 66.27 %



MAT 5025

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

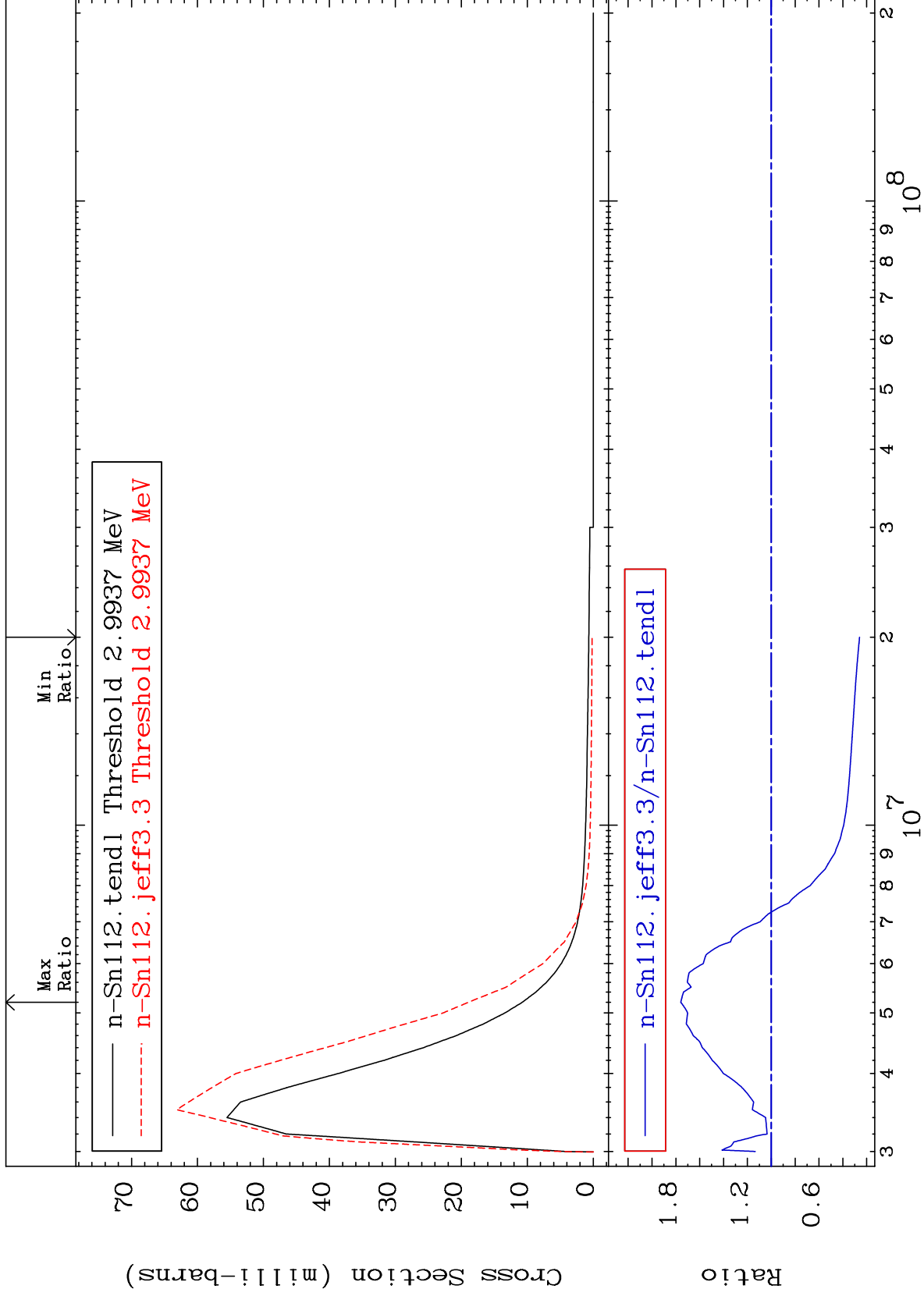
50-Sn-112
-62.19 To 74.74 %



MAT 5025

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

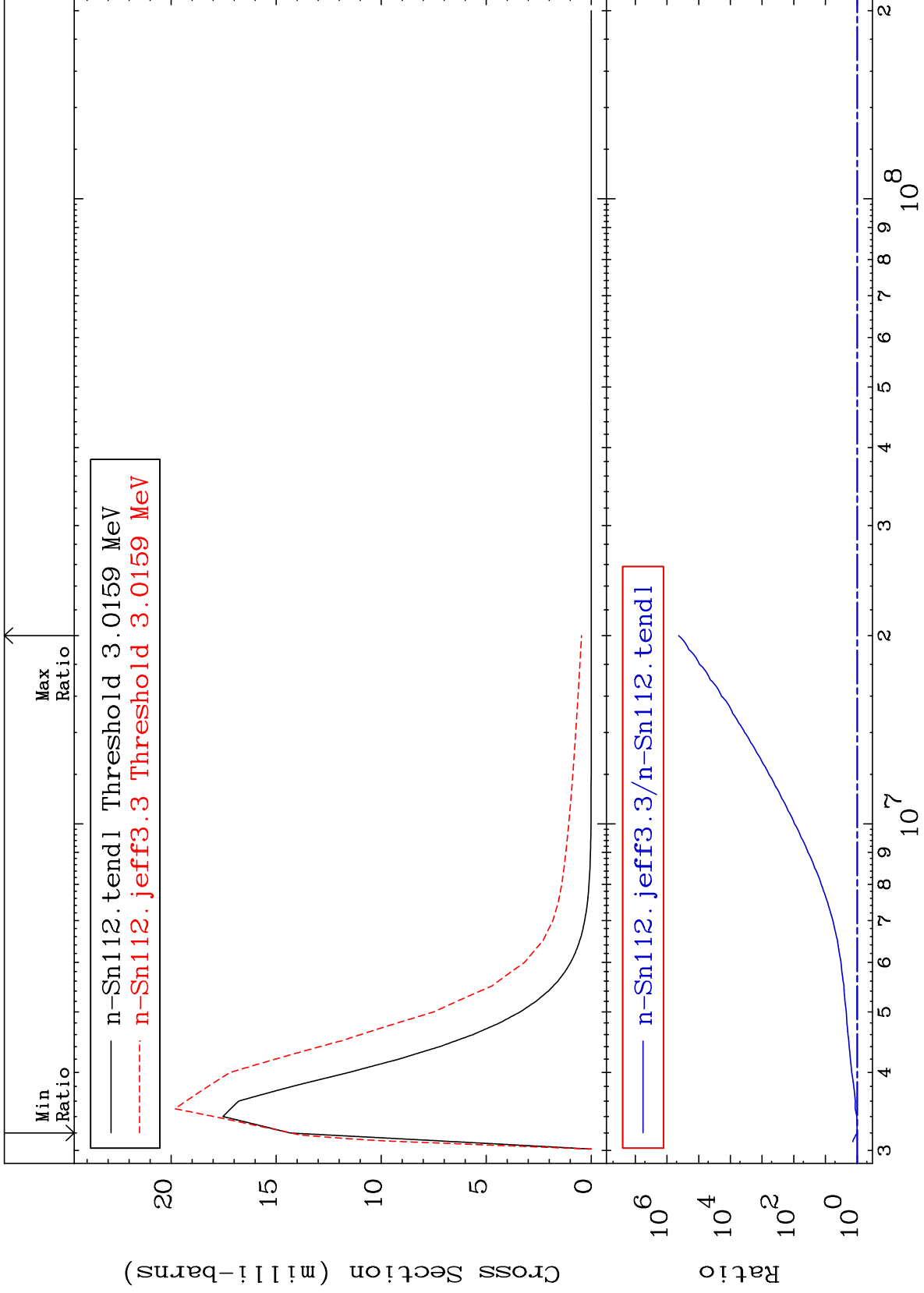
50-Sn-112
-73.99 To 75.87 %



MAT 5025

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

50-Sn-112
-0.363 To 9999. %



30

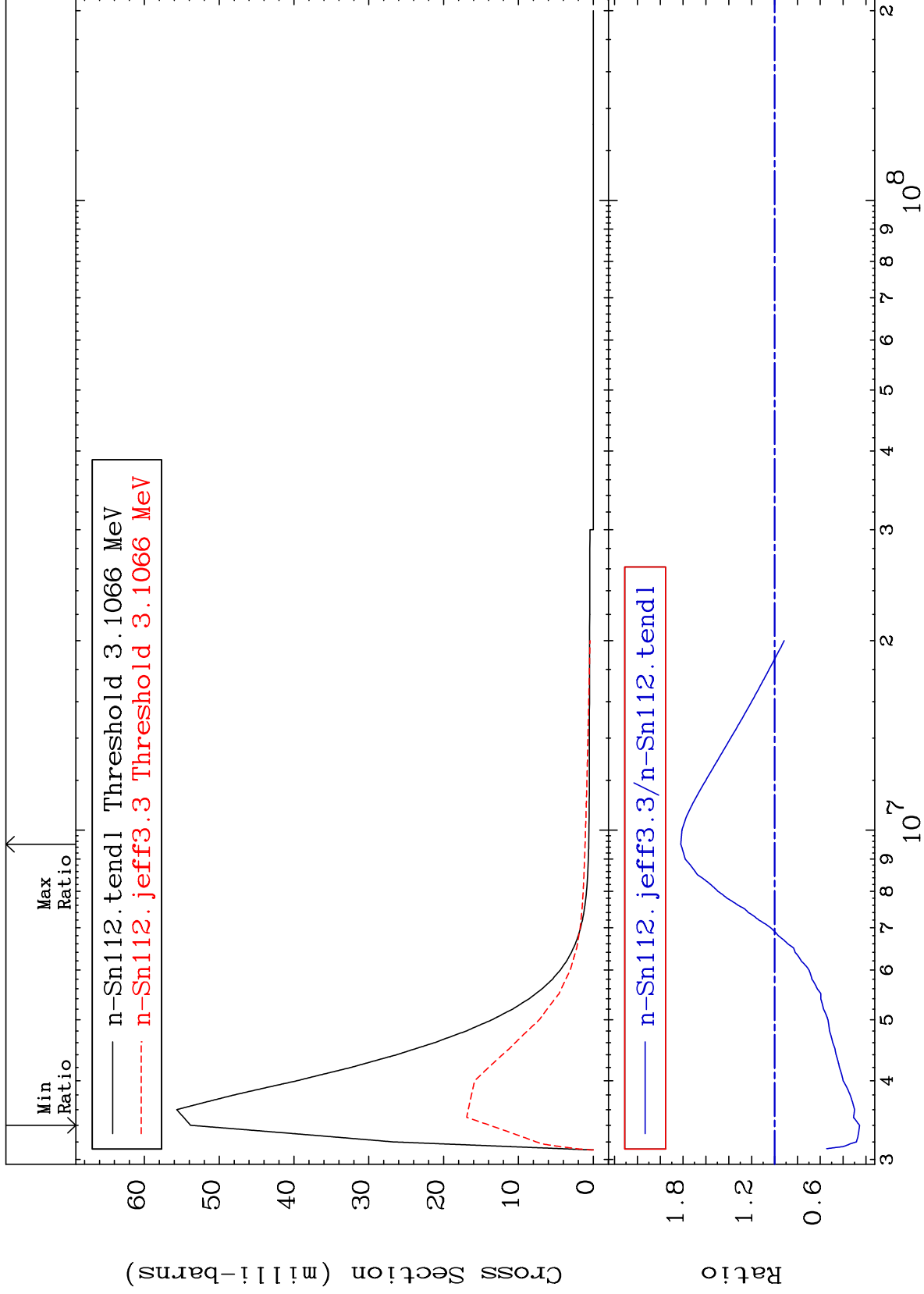
Incident Energy (eV)

50-Sn-112

MAT 5025

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

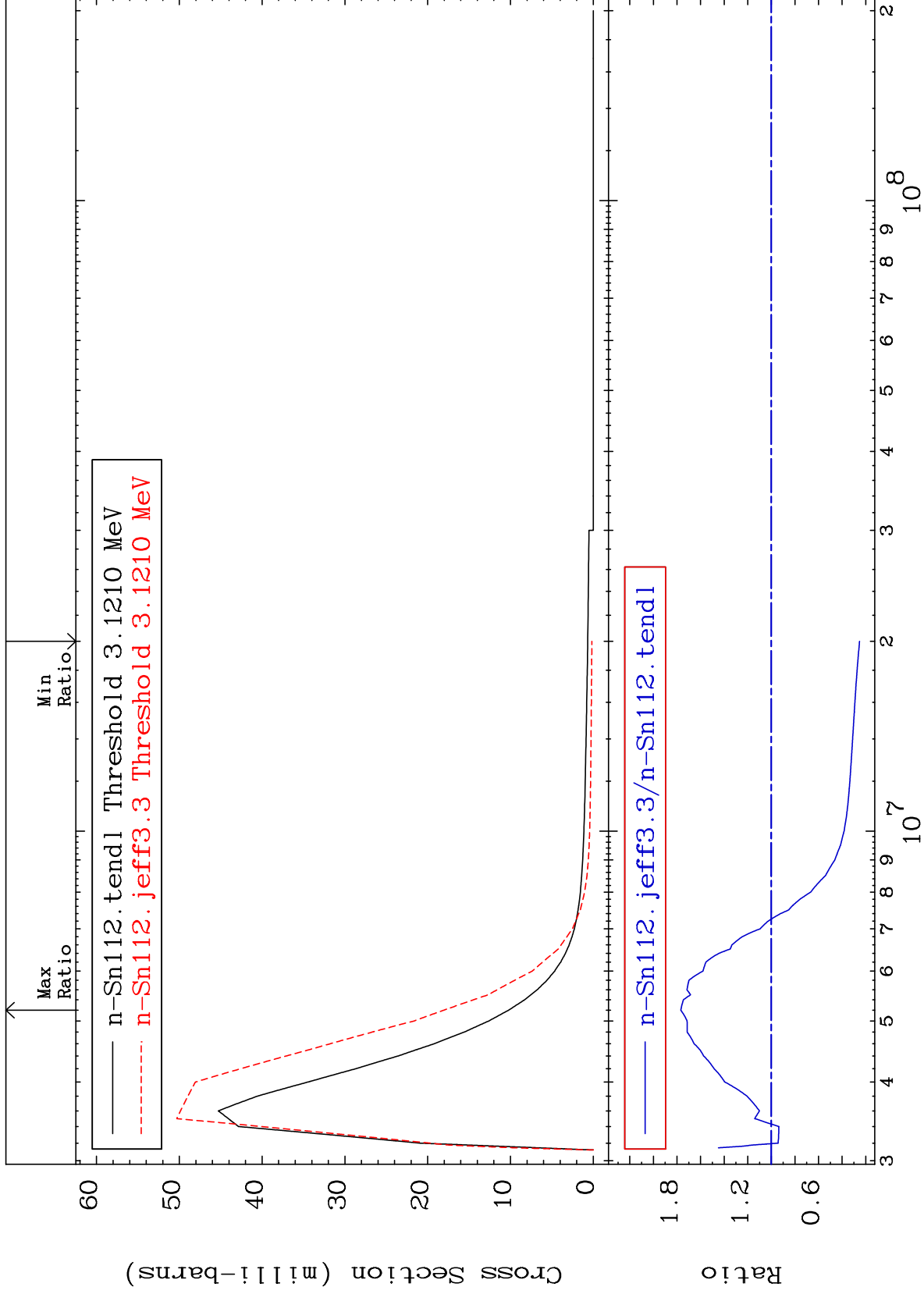
50-Sn-112
-74.33 To 82.05 %



MAT 5025

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

50-Sn-112
-74.79 To 76.77 %



32

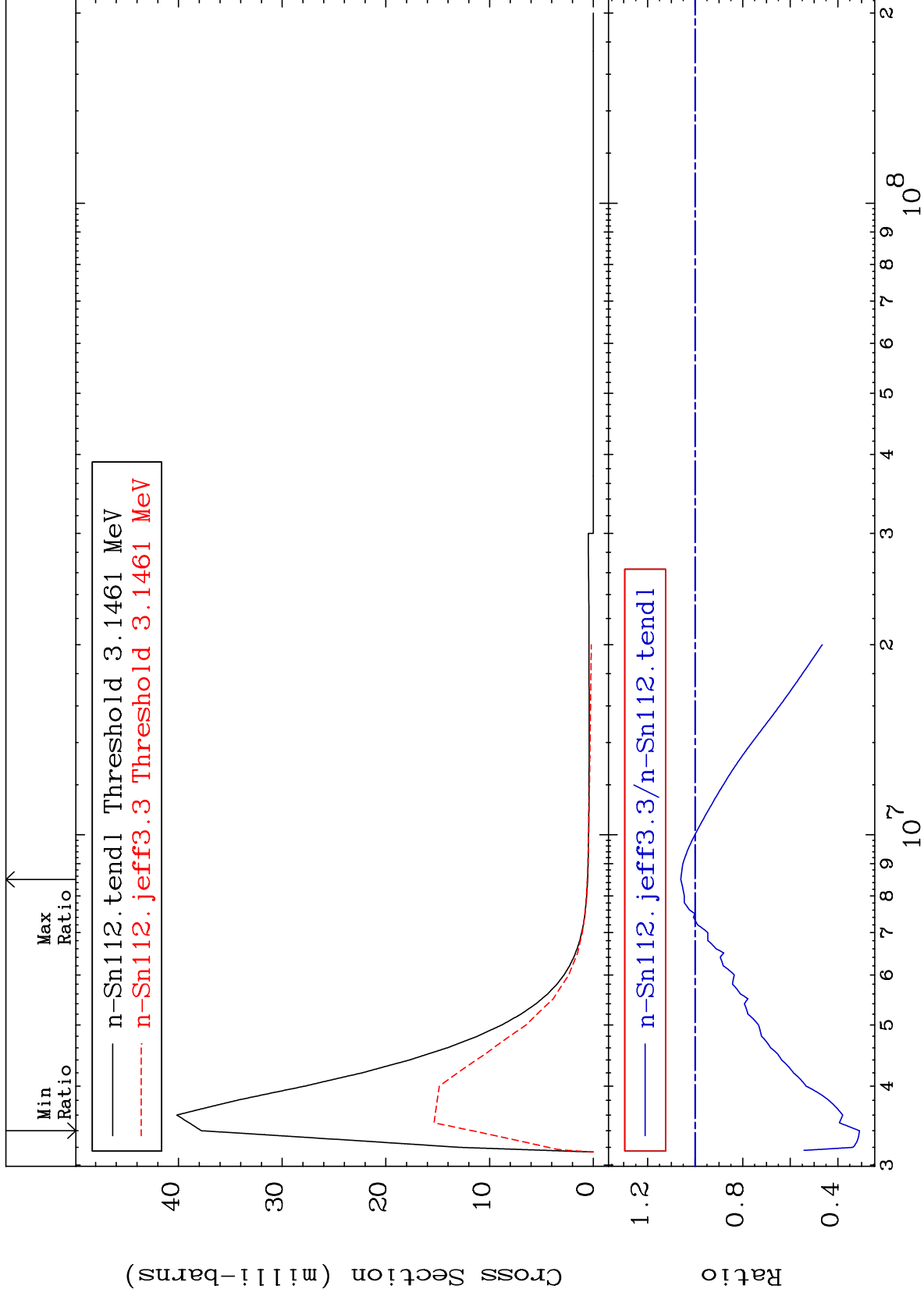
Incident Energy (eV)

50-Sn-112

MAT 5025

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

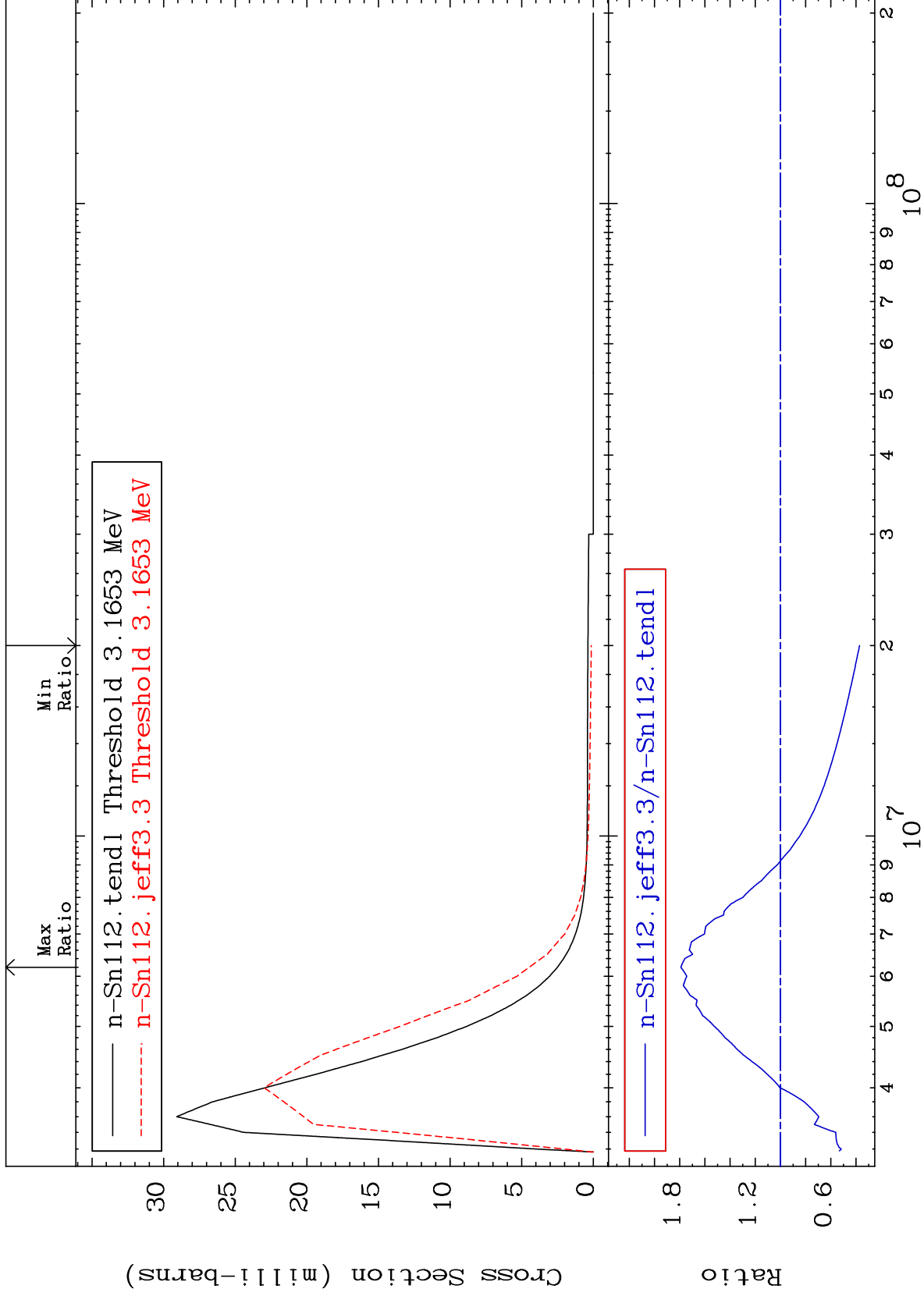
50-Sn-112
-69.10 To 6.046 %



MAT 5025

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

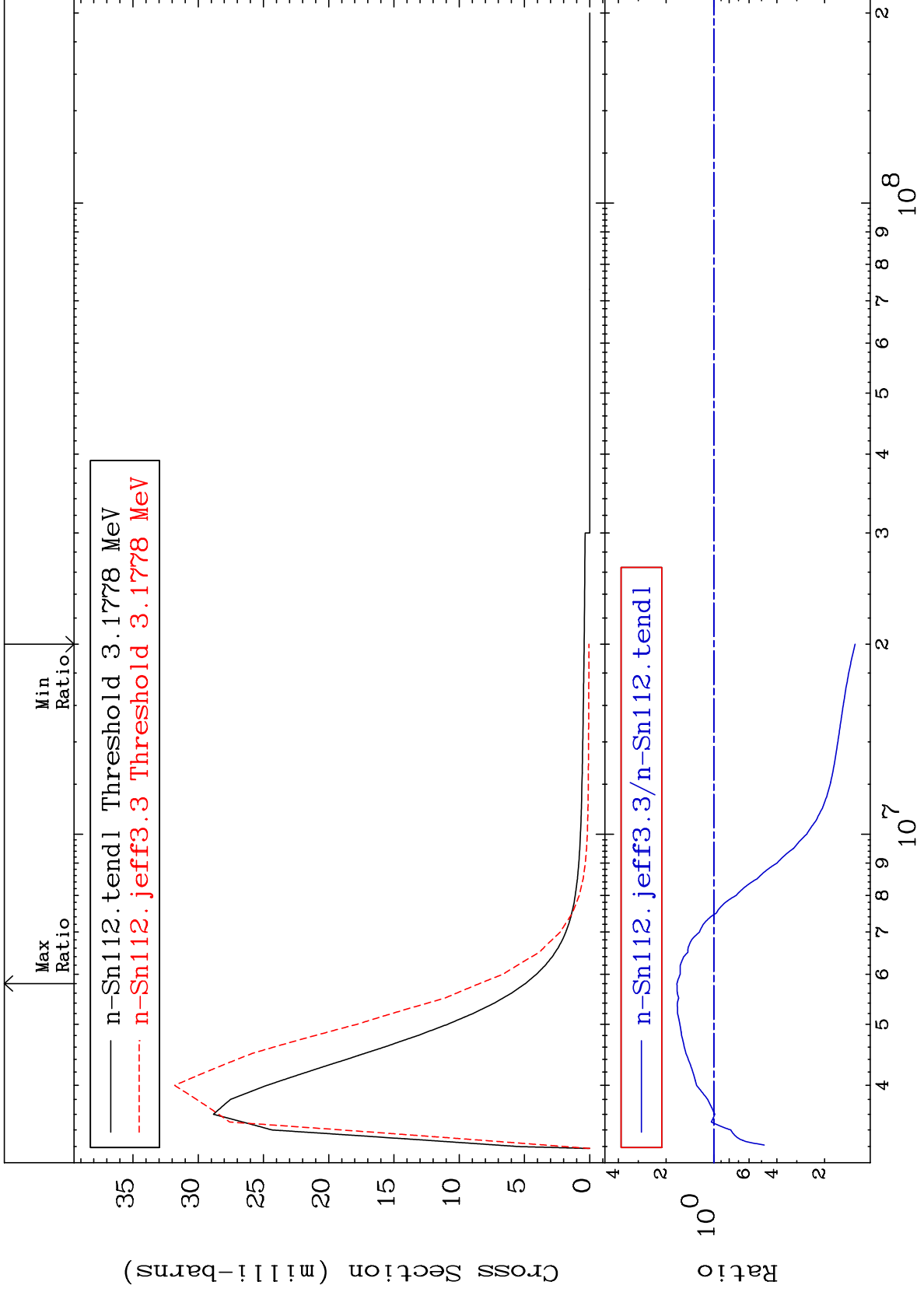
50-Sn-112
-62.75 To 79.20 %



MAT 5025

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

50-Sn-112
-87.14 To 71.06 %



35

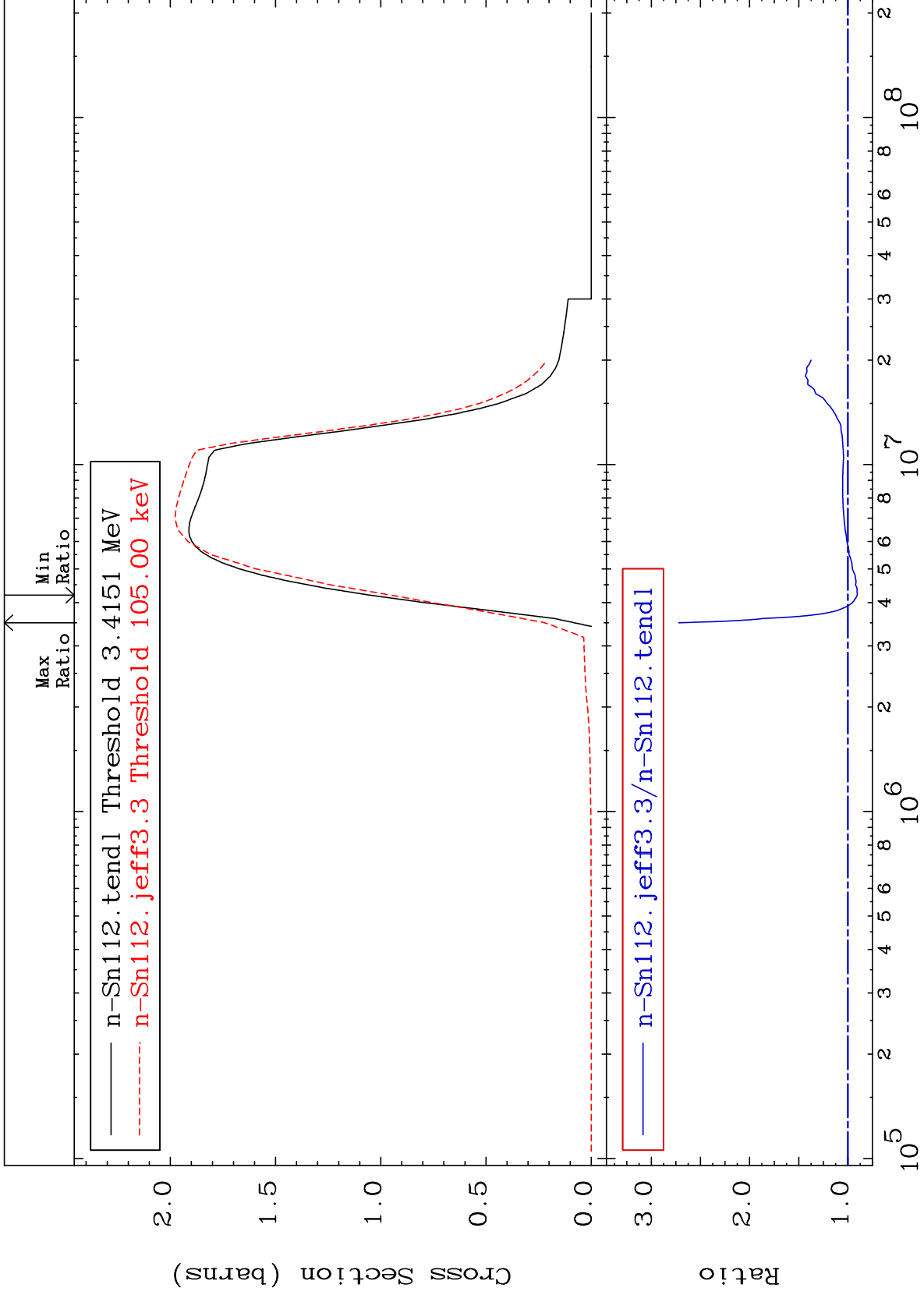
Incident Energy (eV)

50-Sn-112

MAT 5025

(n, n') Continuum
Cross Section

50-Sn-112
-9.596 To 172.3 %



36

Incident Energy (eV)

50-Sn-112

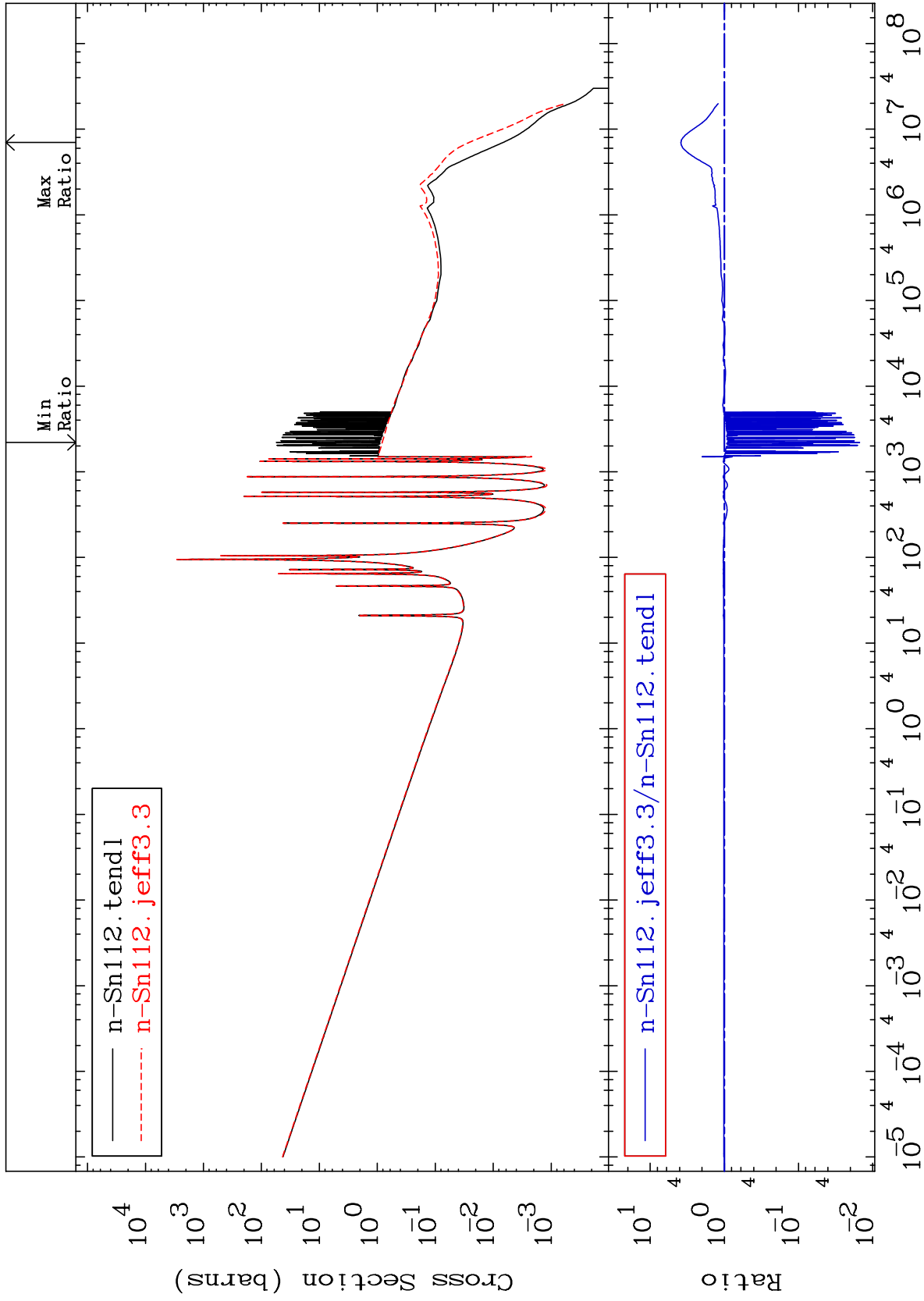
MAT 5025

(n, γ)

50-Sn-112

Cross Section

-98.50 To 287.1 %

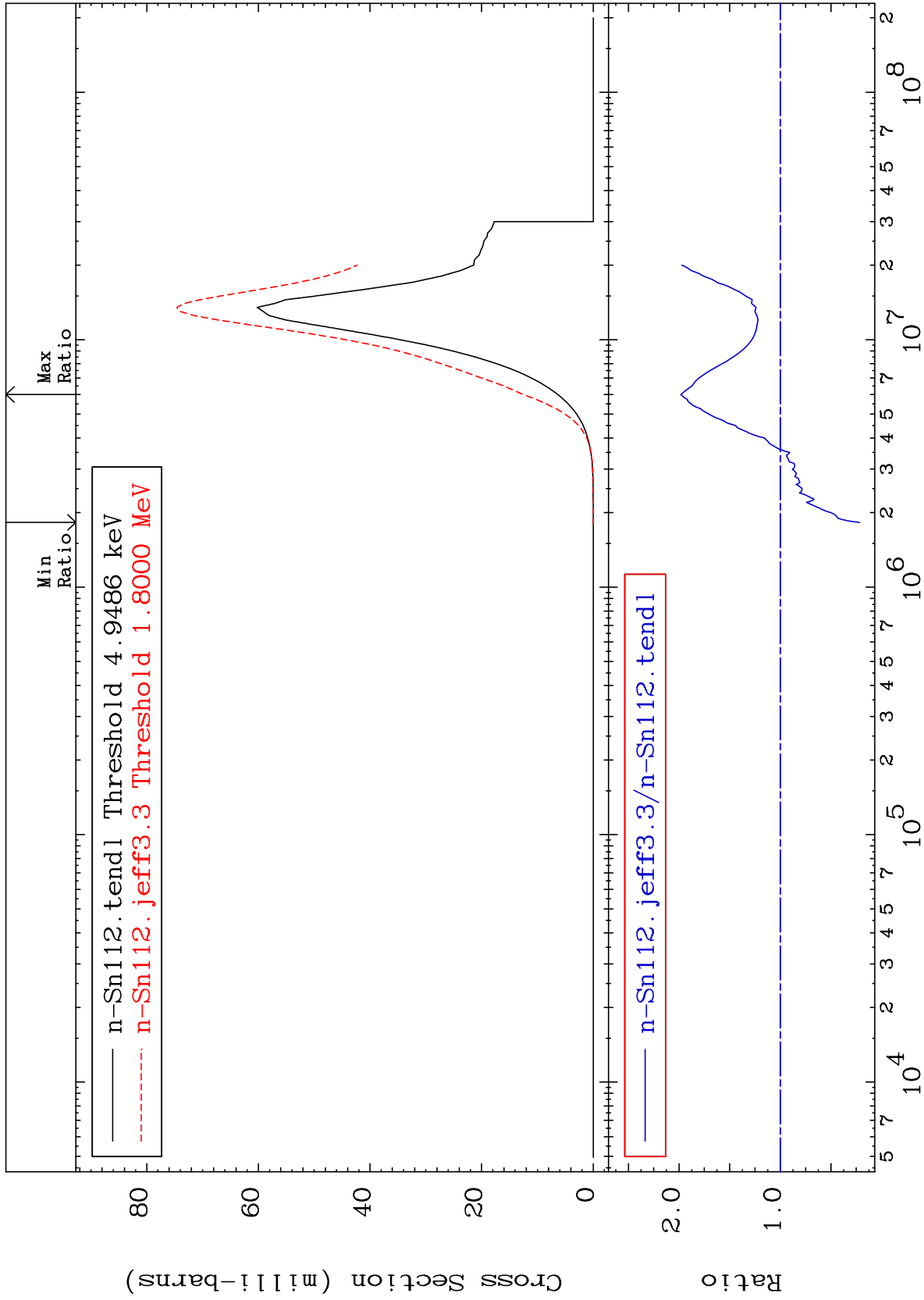


MAT 5025

50-Sn-112

-78.22 To 98.28 %

(n, p)
Cross Section



38

Incident Energy (eV)

50-Sn-112

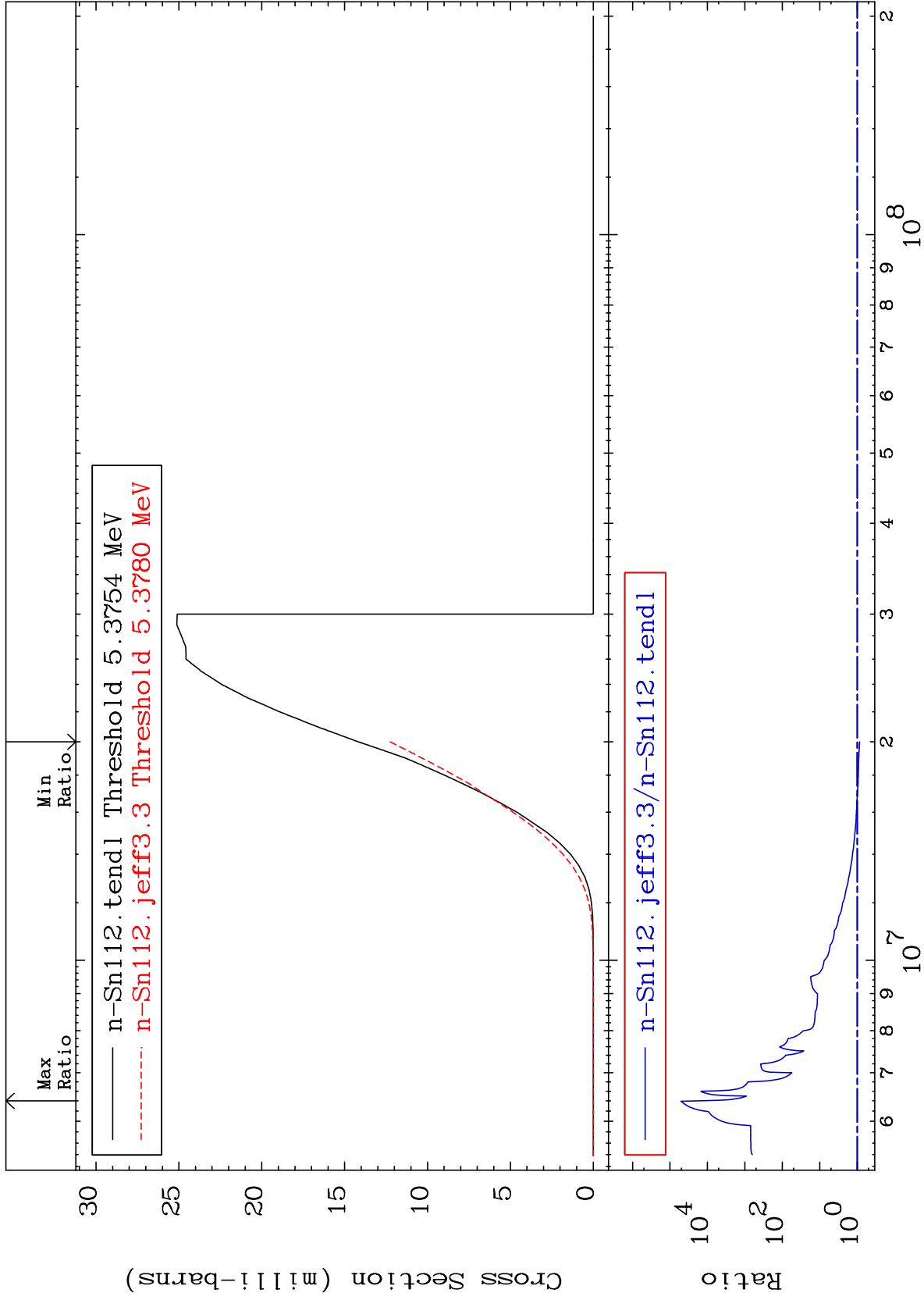
MAT 5025

(n, d)

50-Sn-112

Cross Section

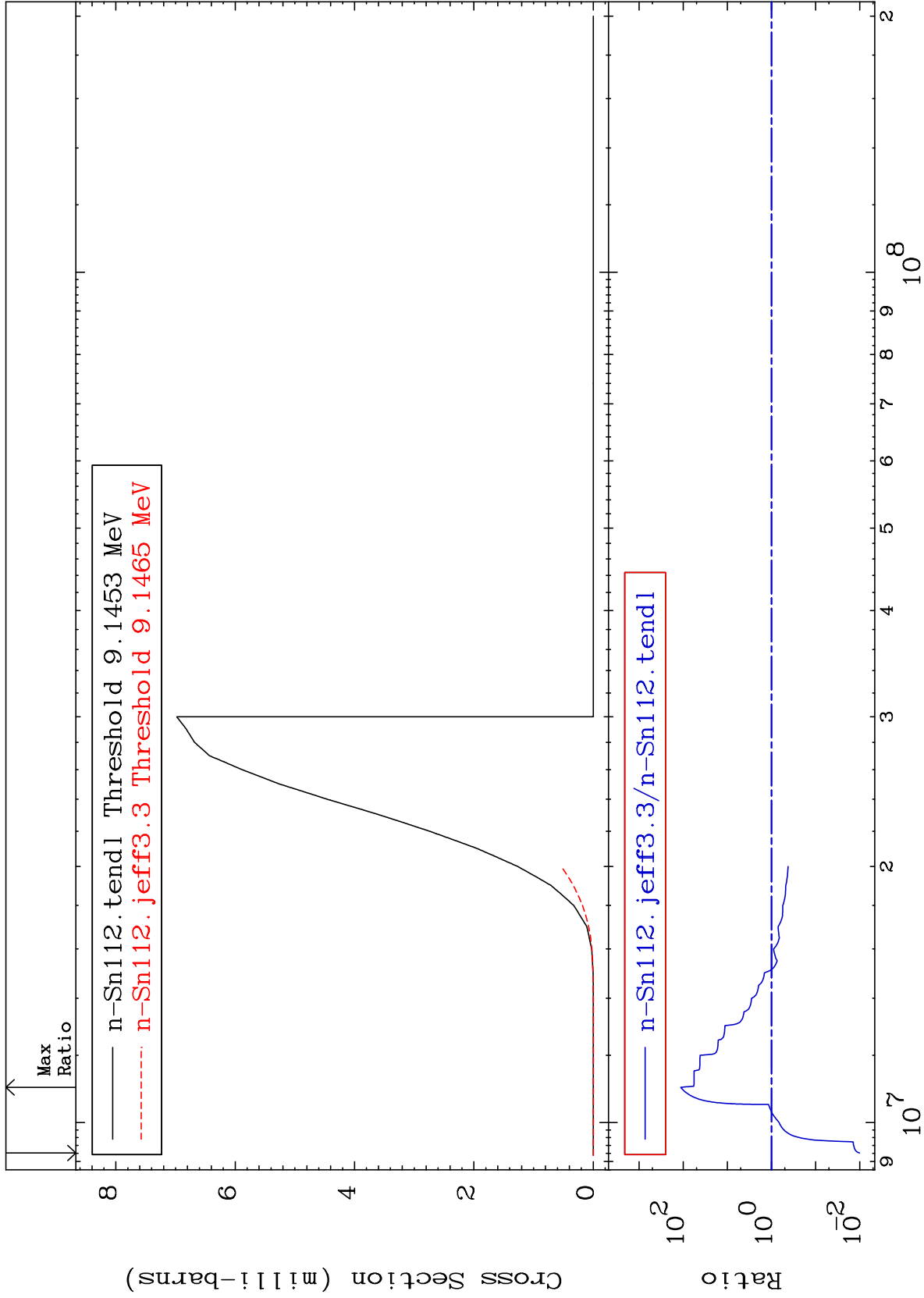
-13.53 To 9999. %



MAT 5025

(n, t)
Cross Section

50-Sn-112
-98.99 To 9999. %



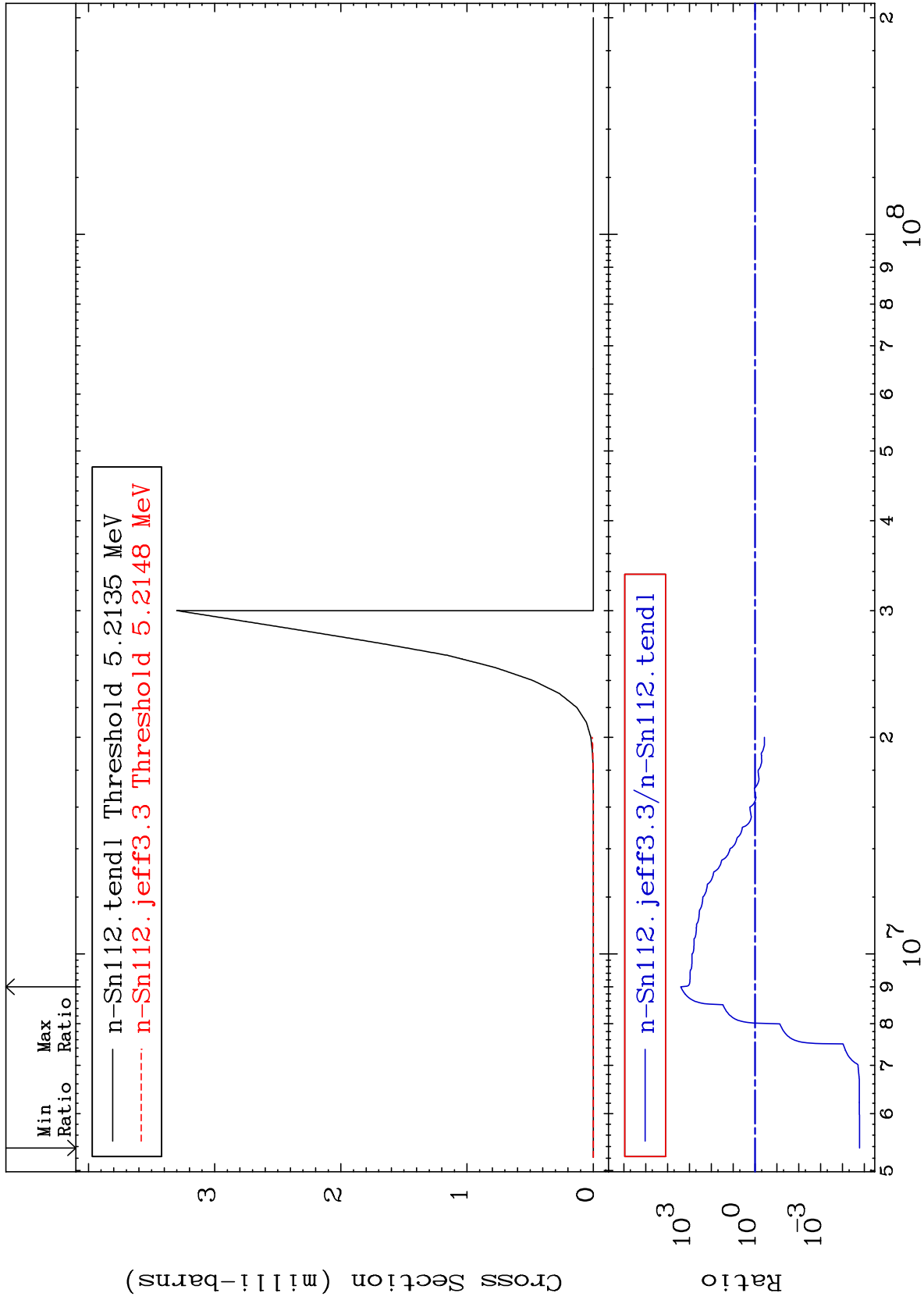
MAT 5025

(n, He-3)

50-Sn-112

Cross Section

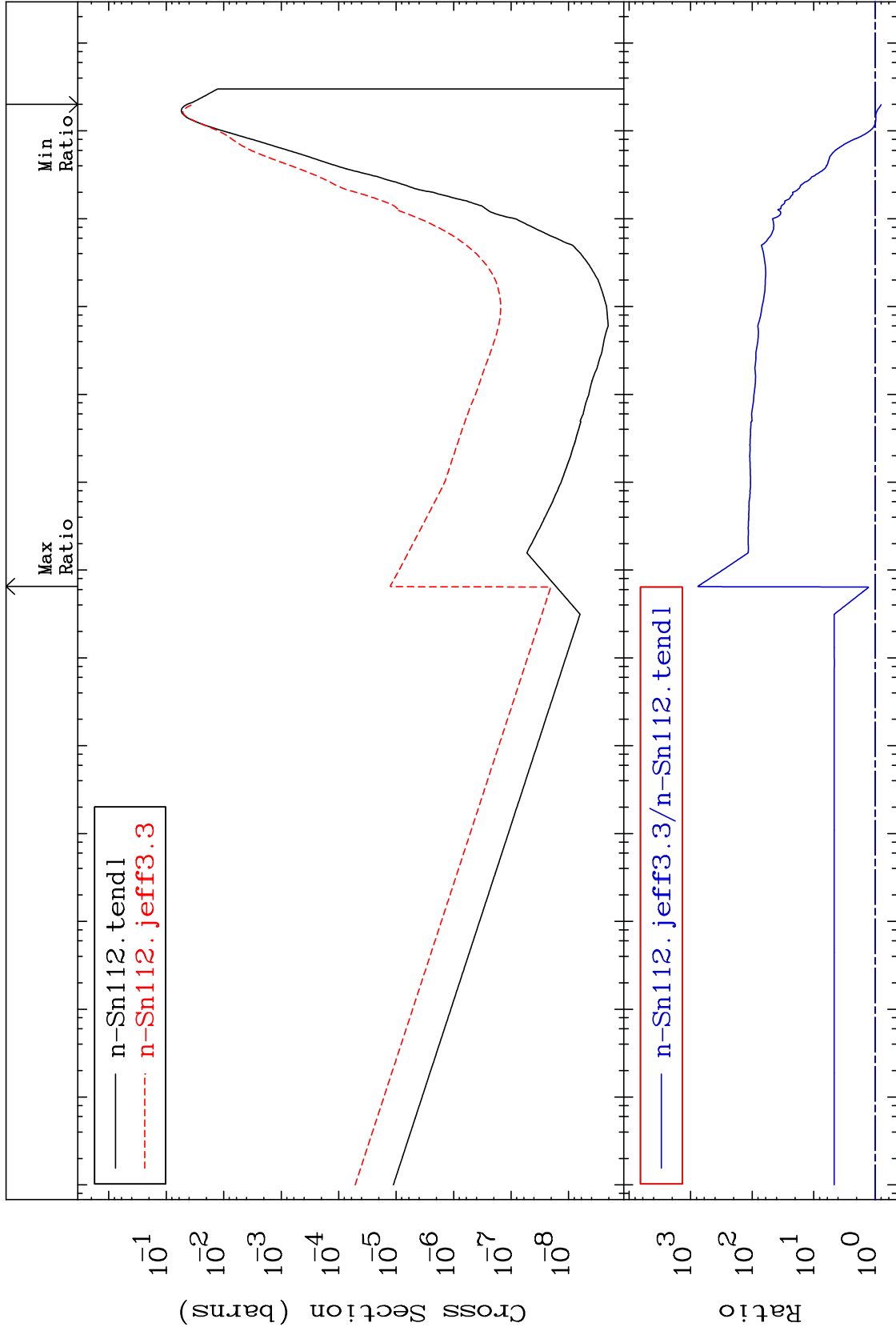
-100.0 To 9999. %



MAT 5025

50-Sn-112

(n, α)
Cross Section
-20.24 To 9999. %



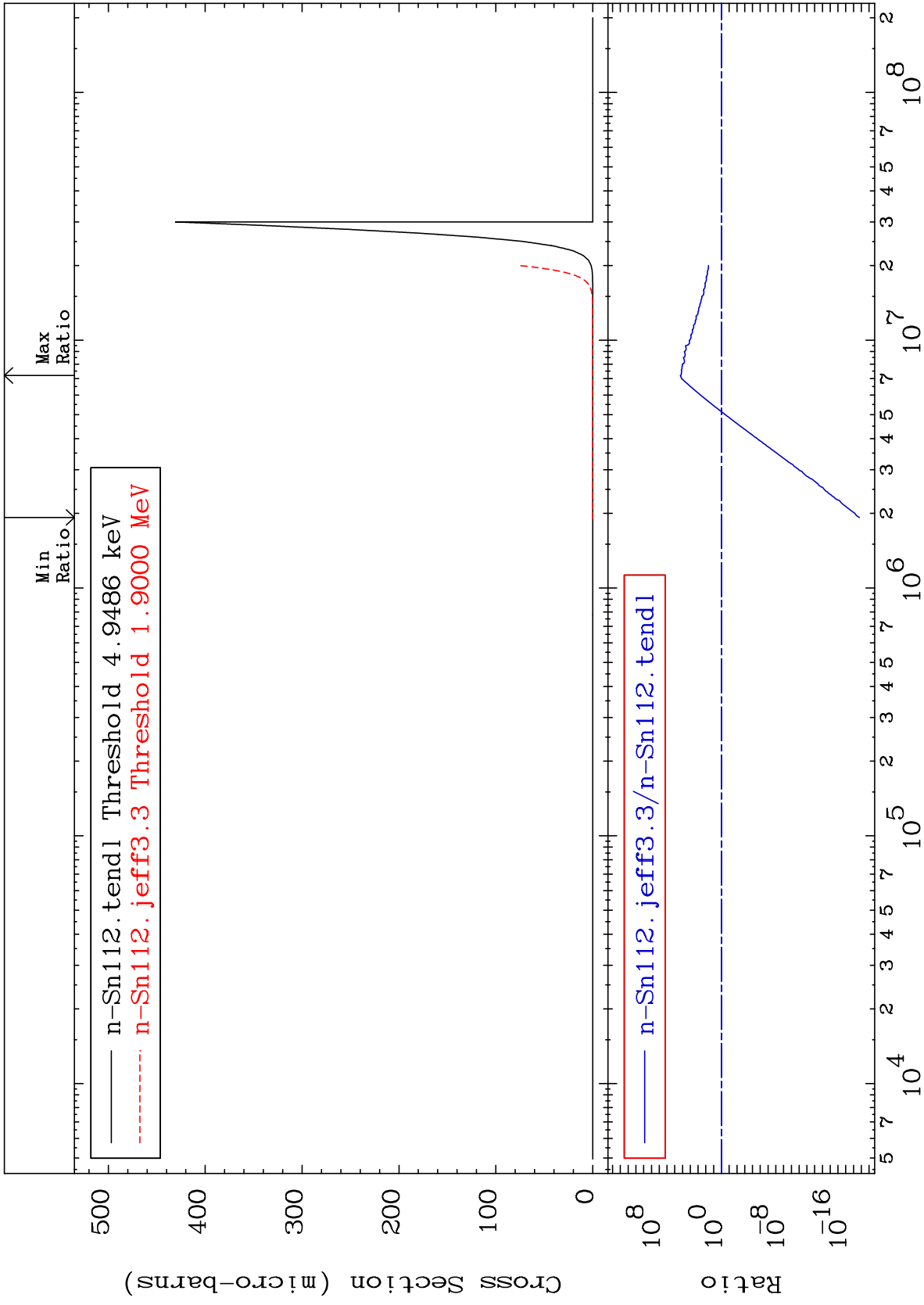
50-Sn-112

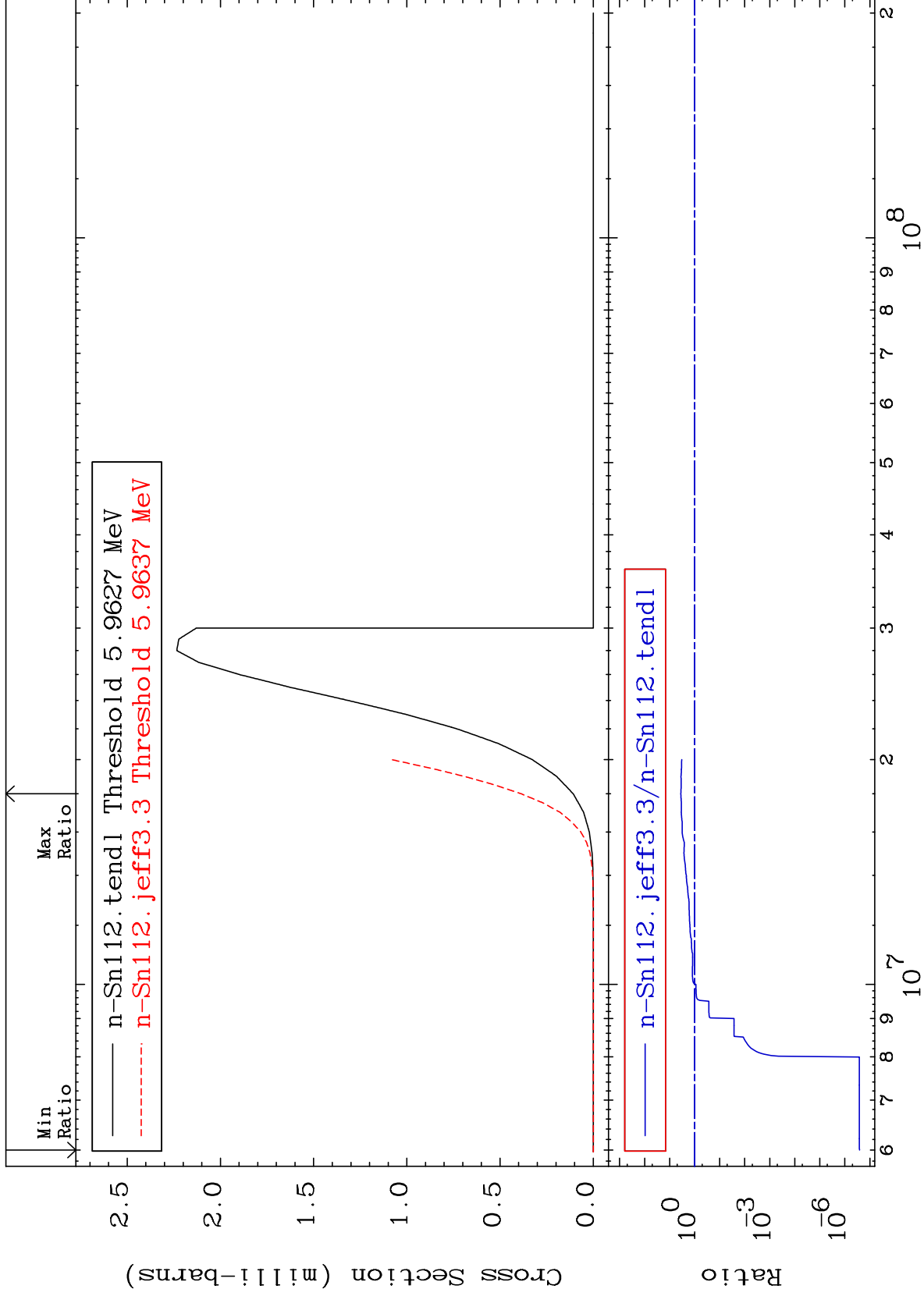
Incident Energy (eV)

42

MAT 5025

(n,2α)
Cross Section
50-Sn-112
-100.0 To 9999. %





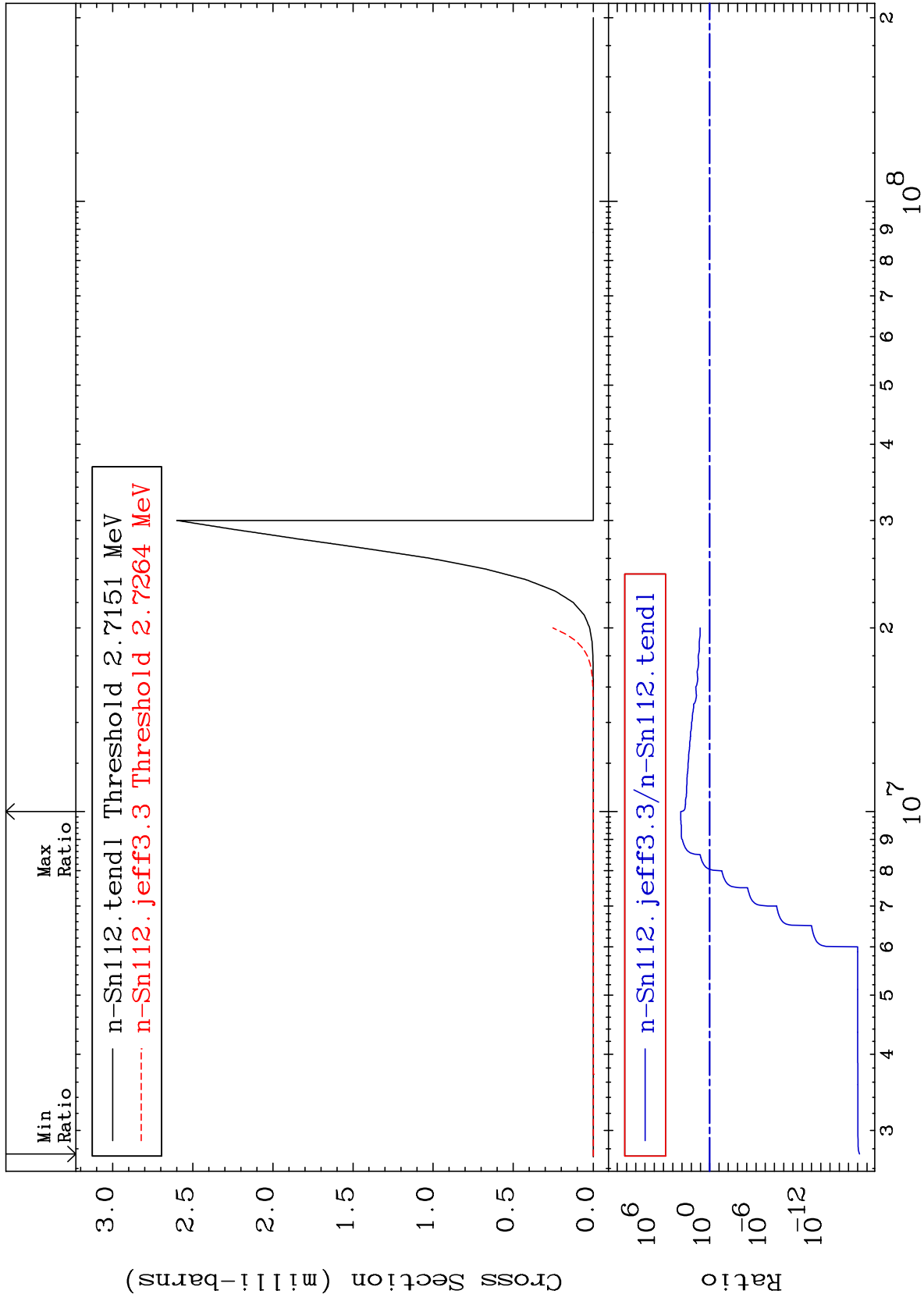
MAT 5025

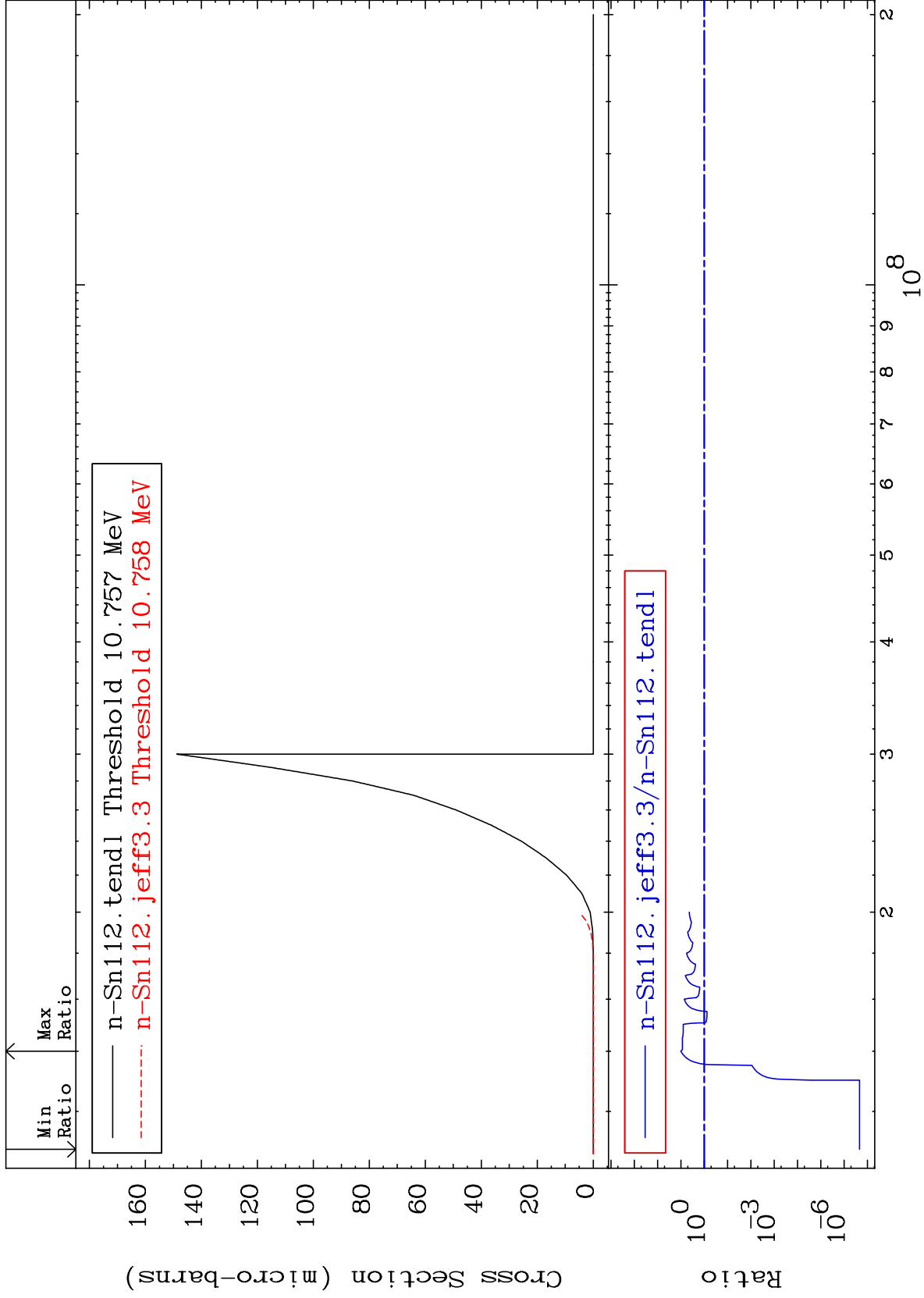
(n,p) α

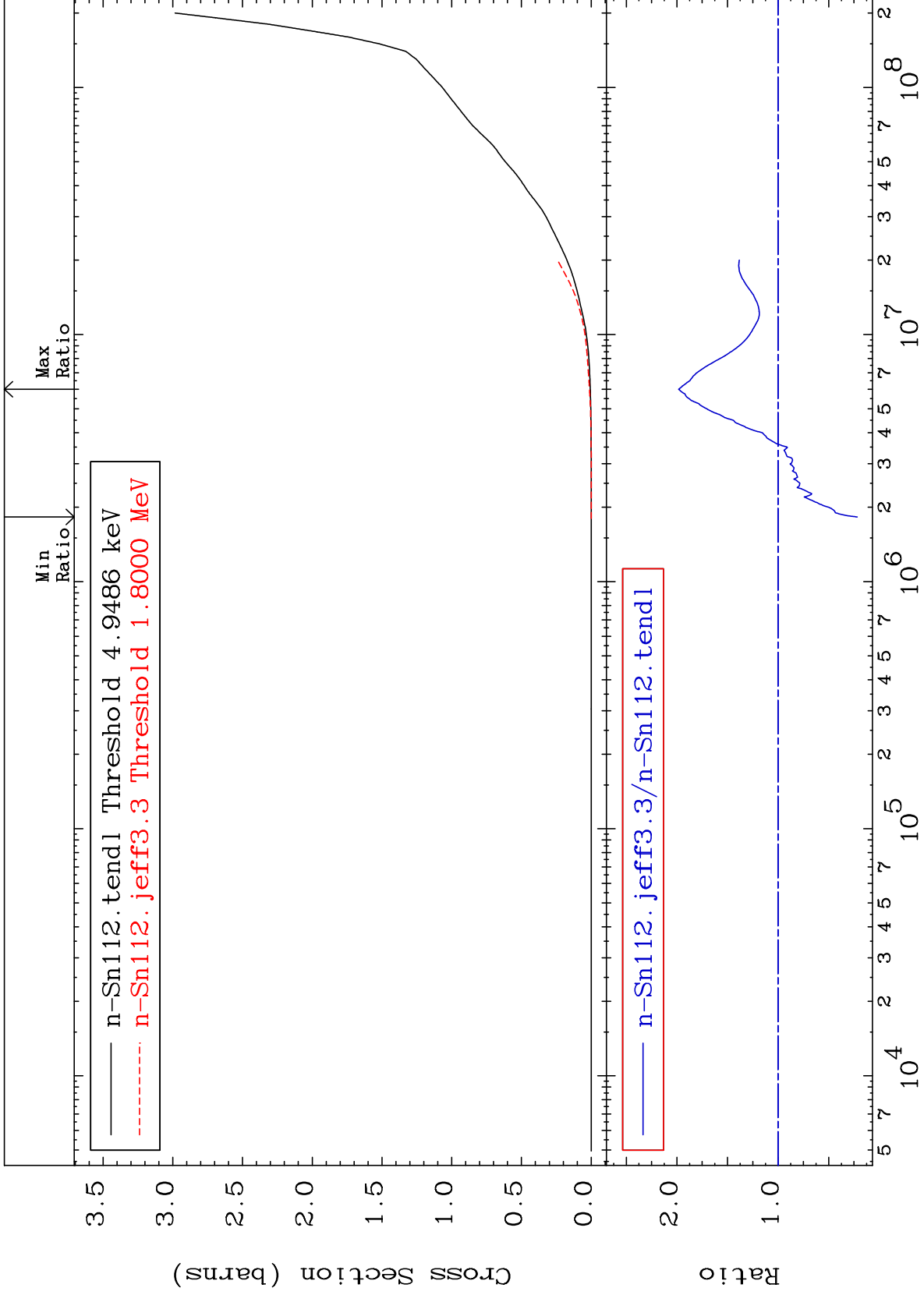
50-Sn-112

Cross Section

-100.0 To 9999. %



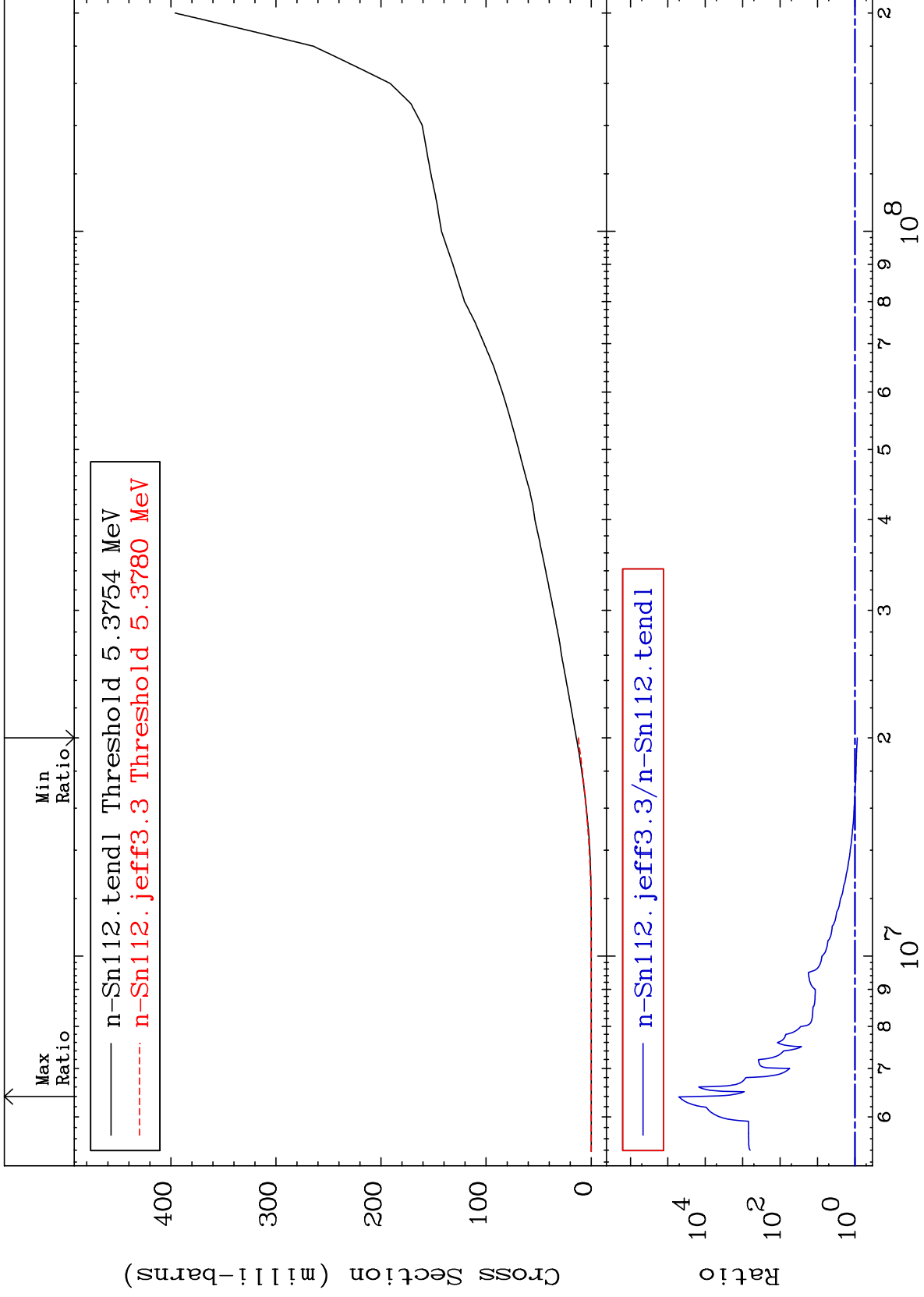




MAT 5025

Deuterium Production
Cross Section

50-Sn-112
-13.46 To 9999. %



48

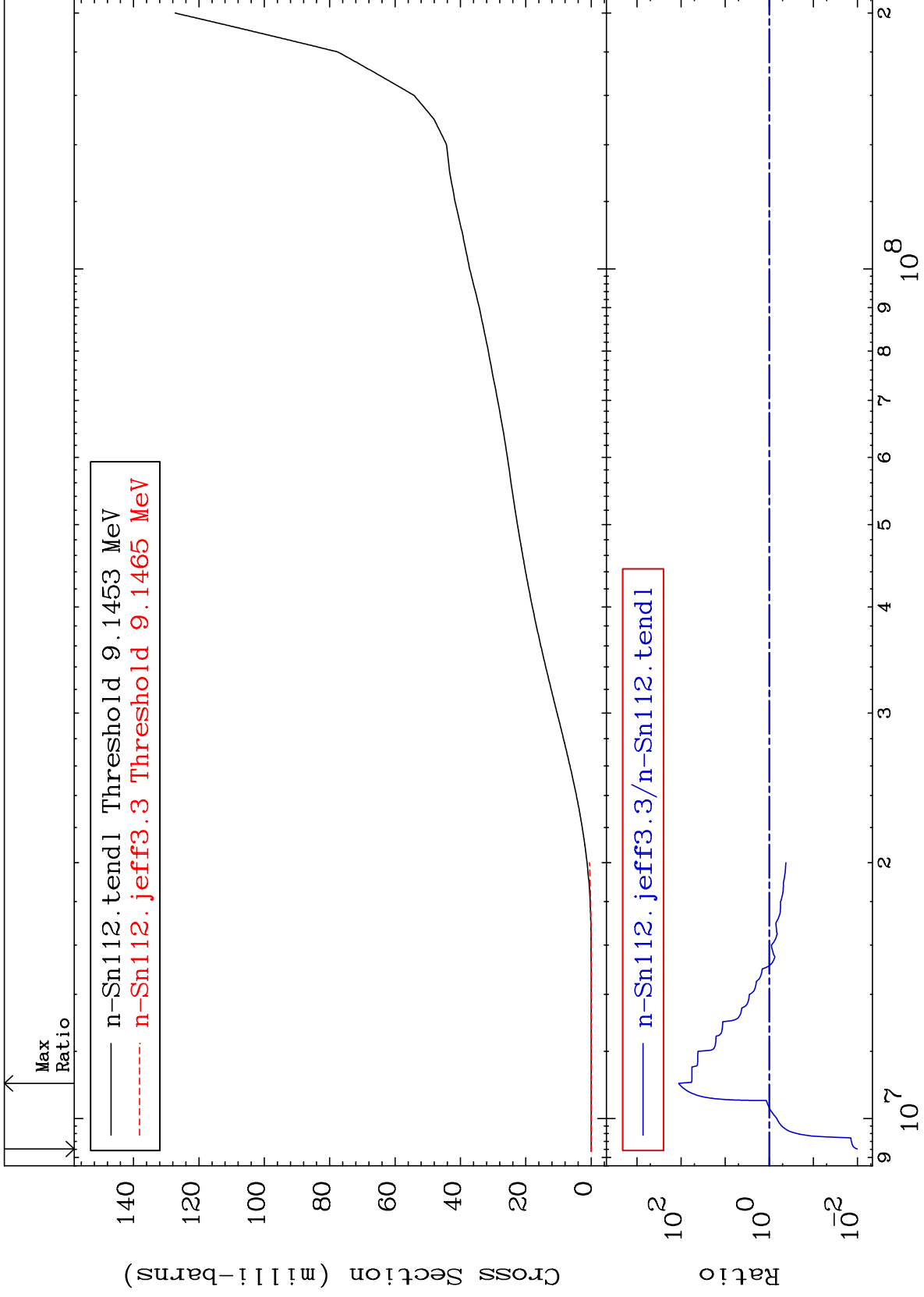
Incident Energy (eV)

50-Sn-112

MAT 5025

Tritium Production
Cross Section

50-Sn-112
-98.99 To 9999. %



49

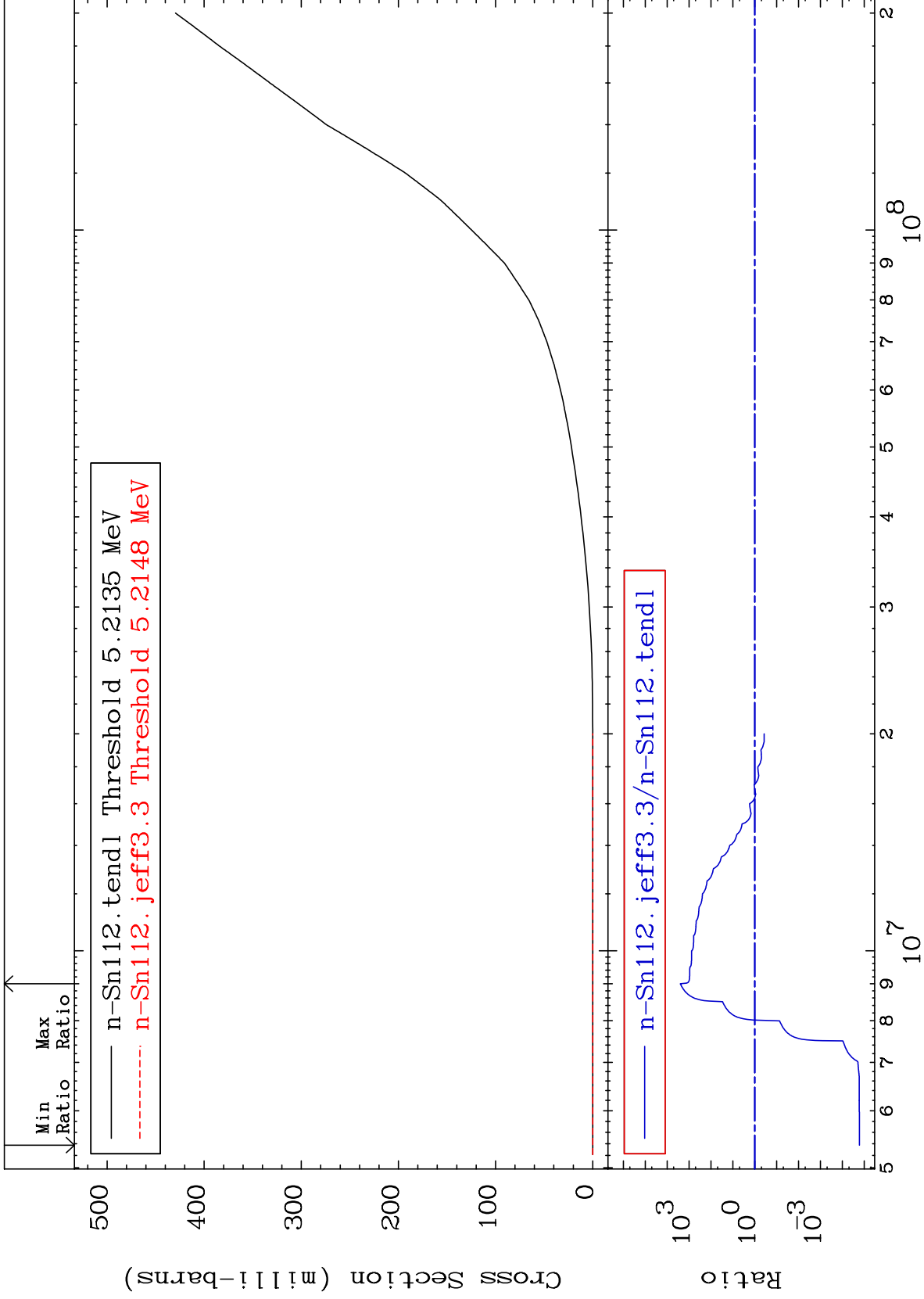
Incident Energy (eV)

50-Sn-112

MAT 5025

He-3 Production
Cross Section

50-Sn-112
-100.0 To 9999. %



50

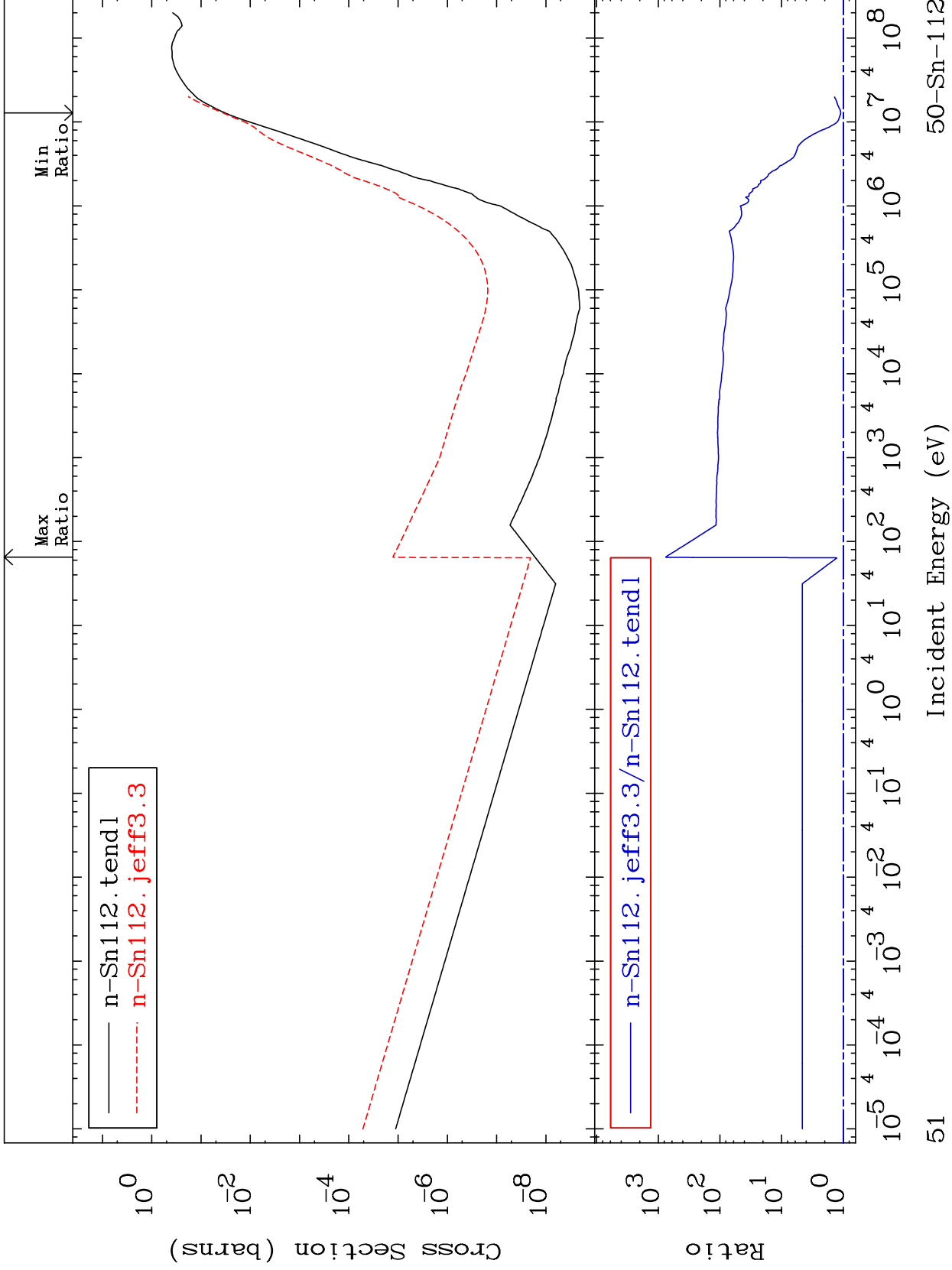
Incident Energy (eV)

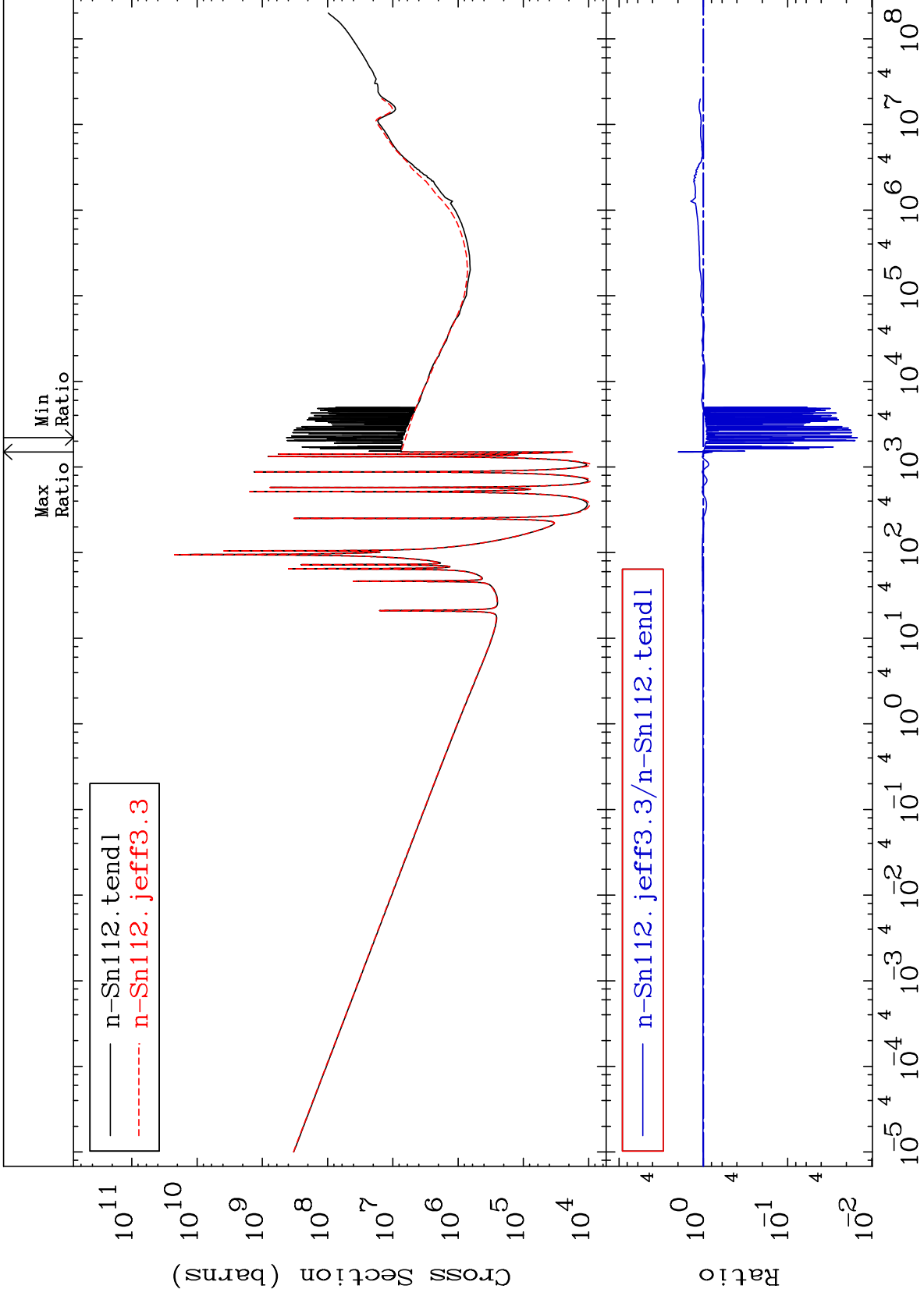
50-Sn-112

MAT 5025

He-4 Production
Cross Section

50-Sn-112
To 9999. %

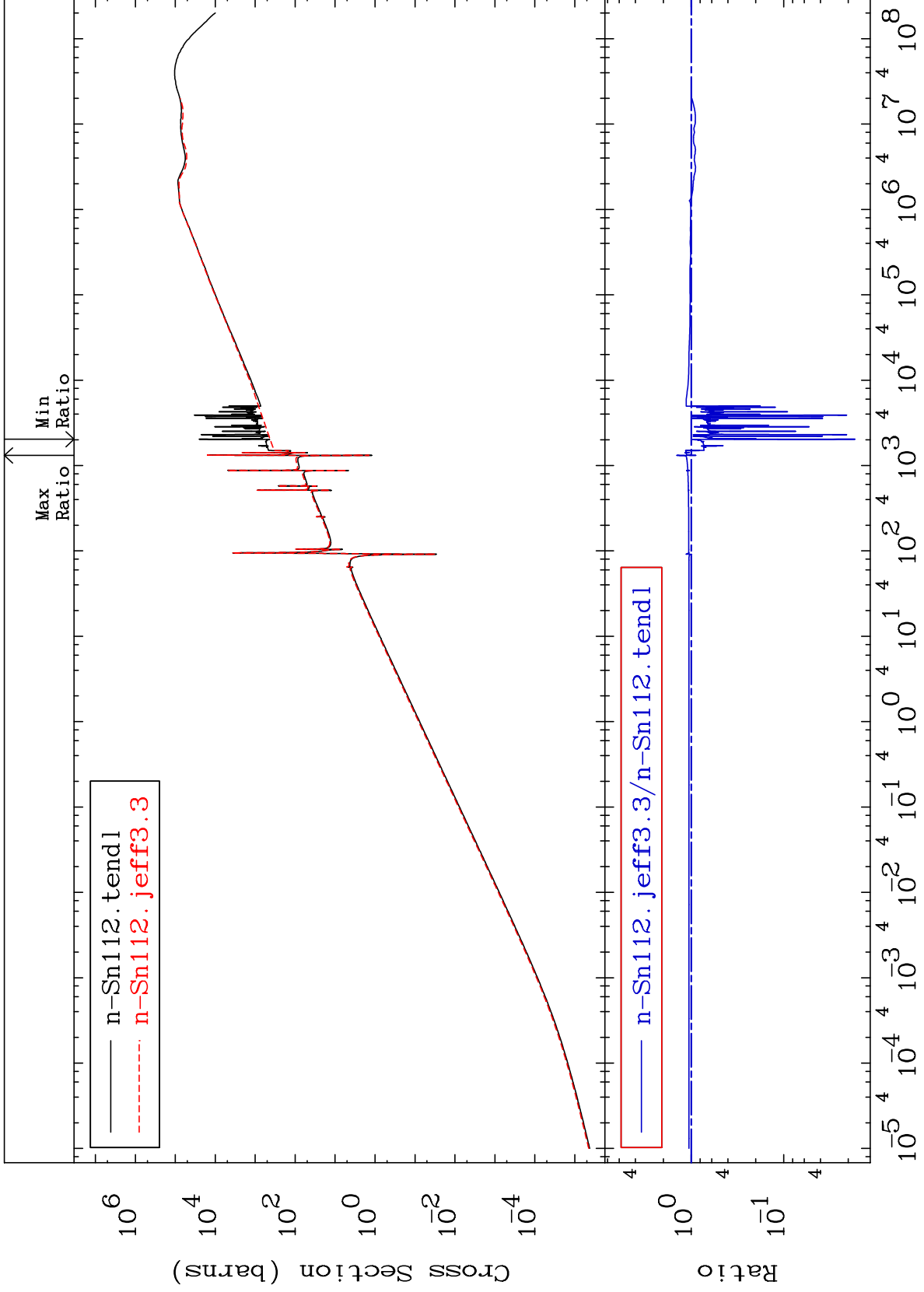


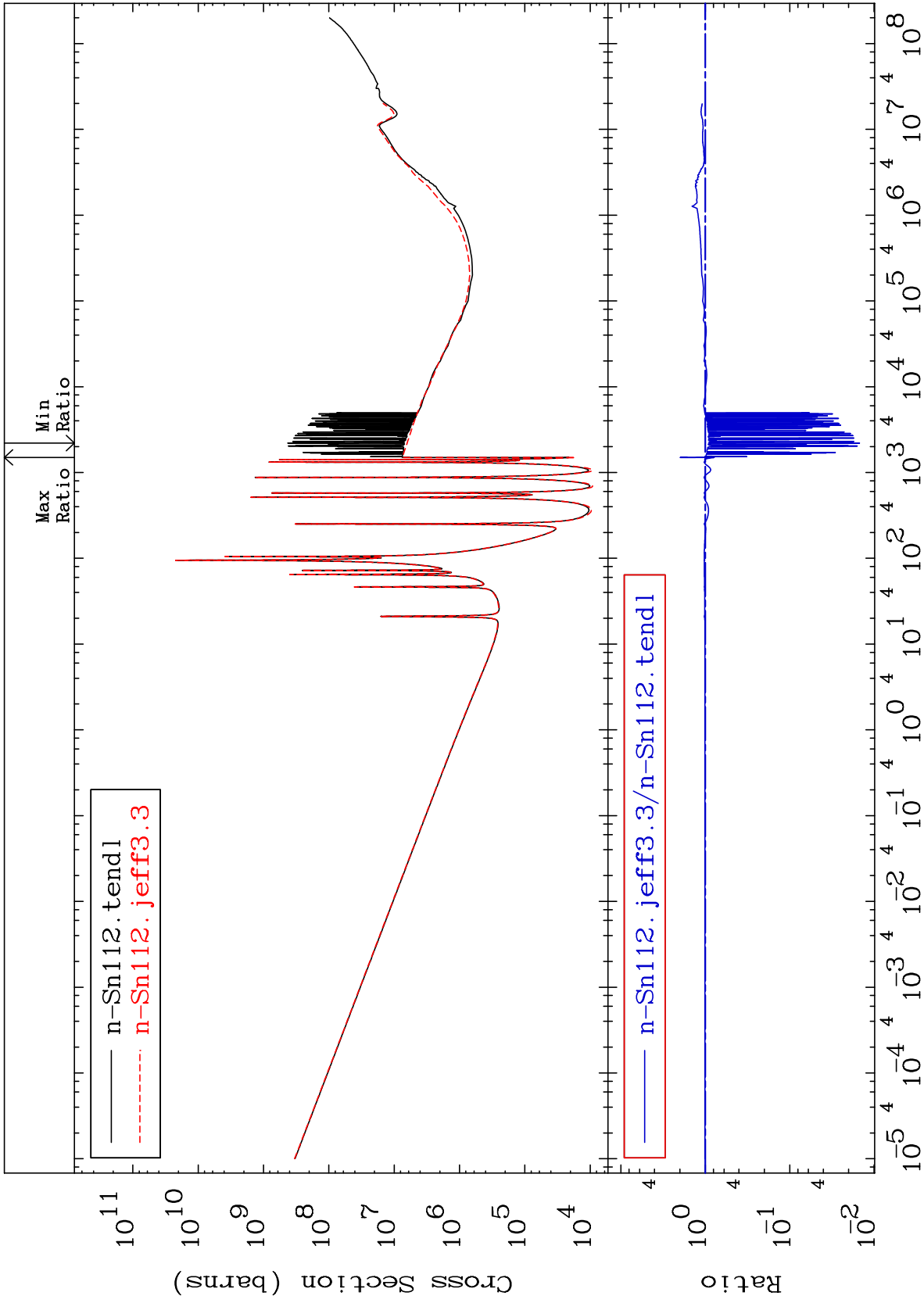


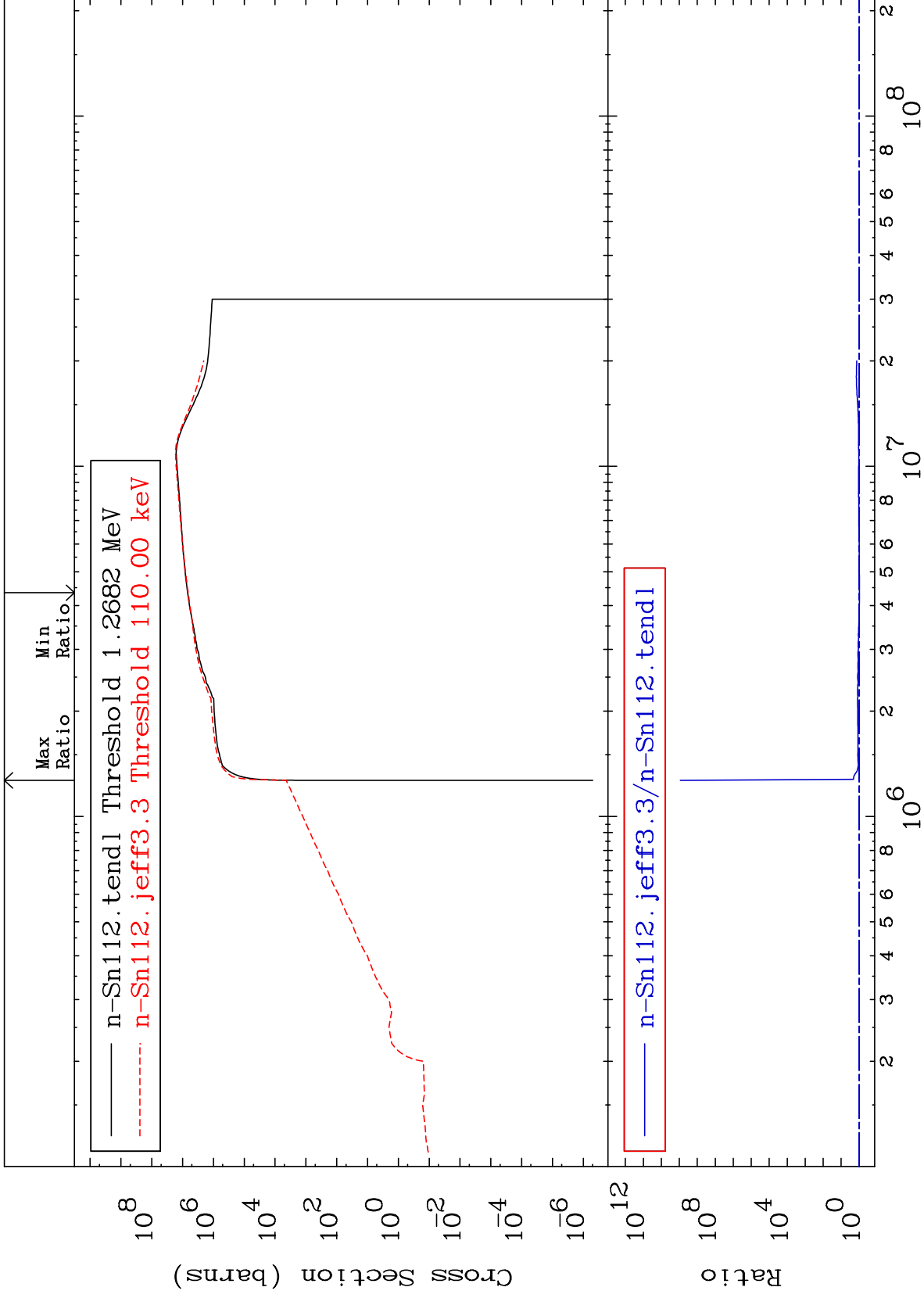
MAT 5025

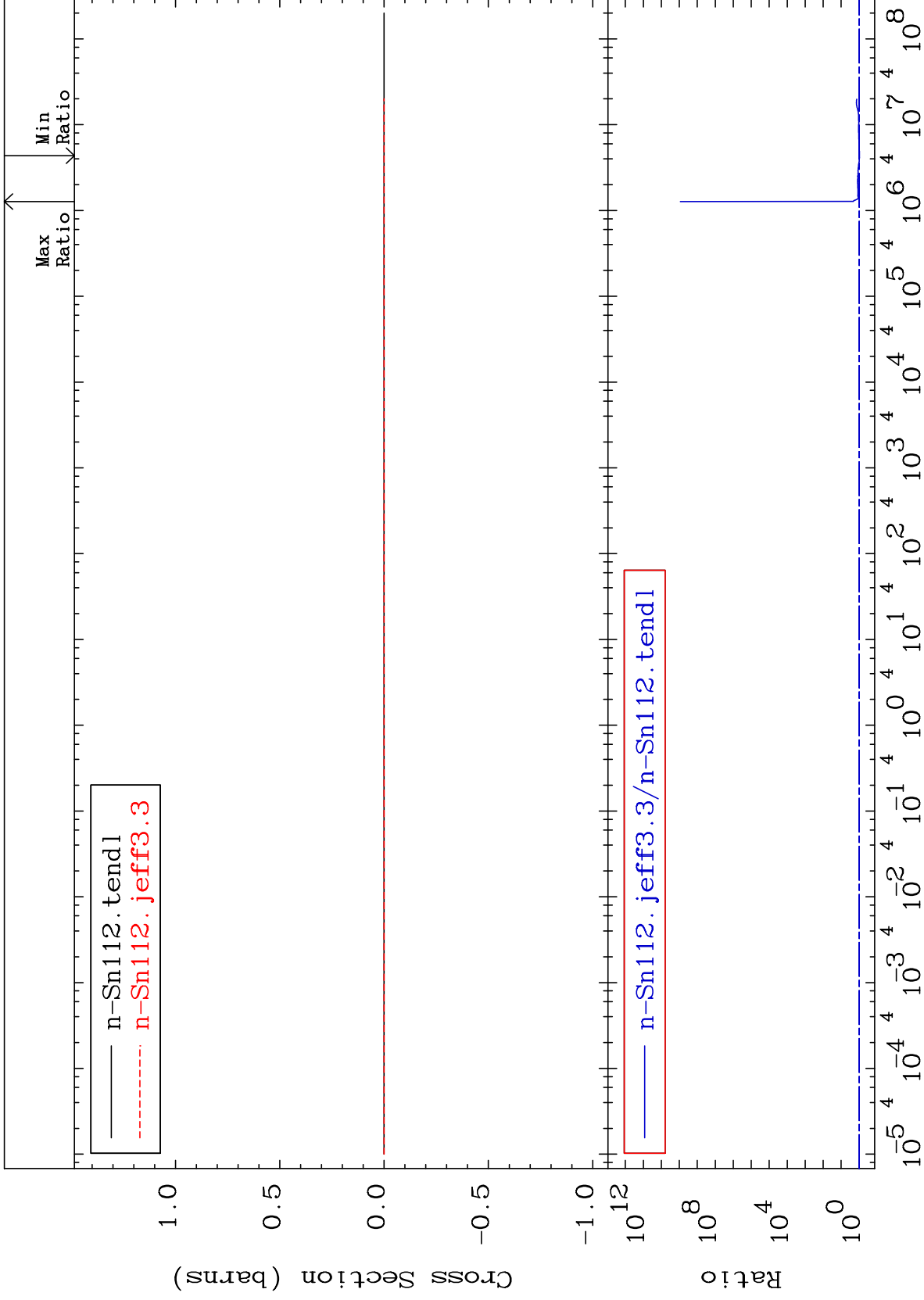
Kerma elastic
Cross Section

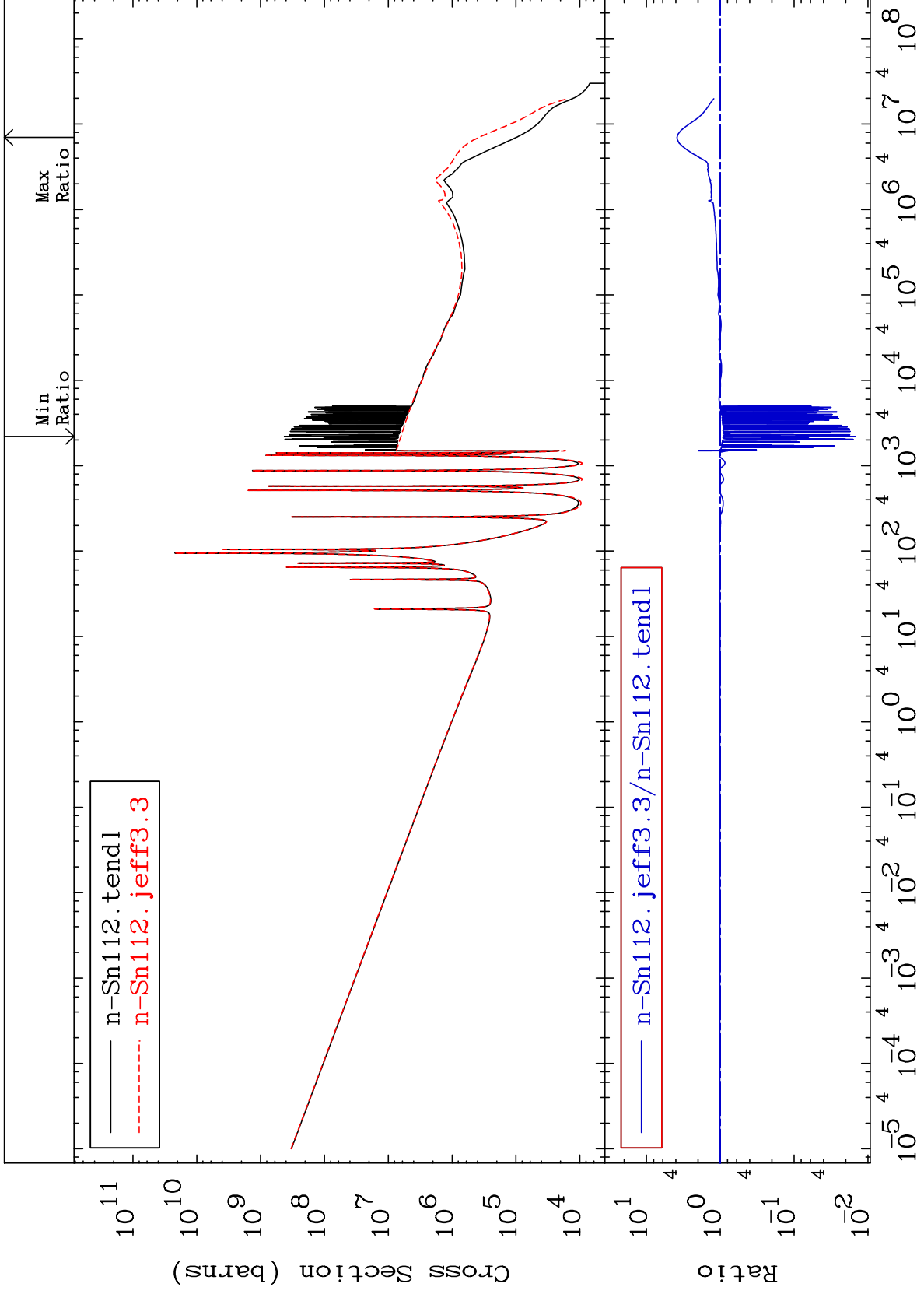
50-Sn-112
-98.31 To 42.55 %

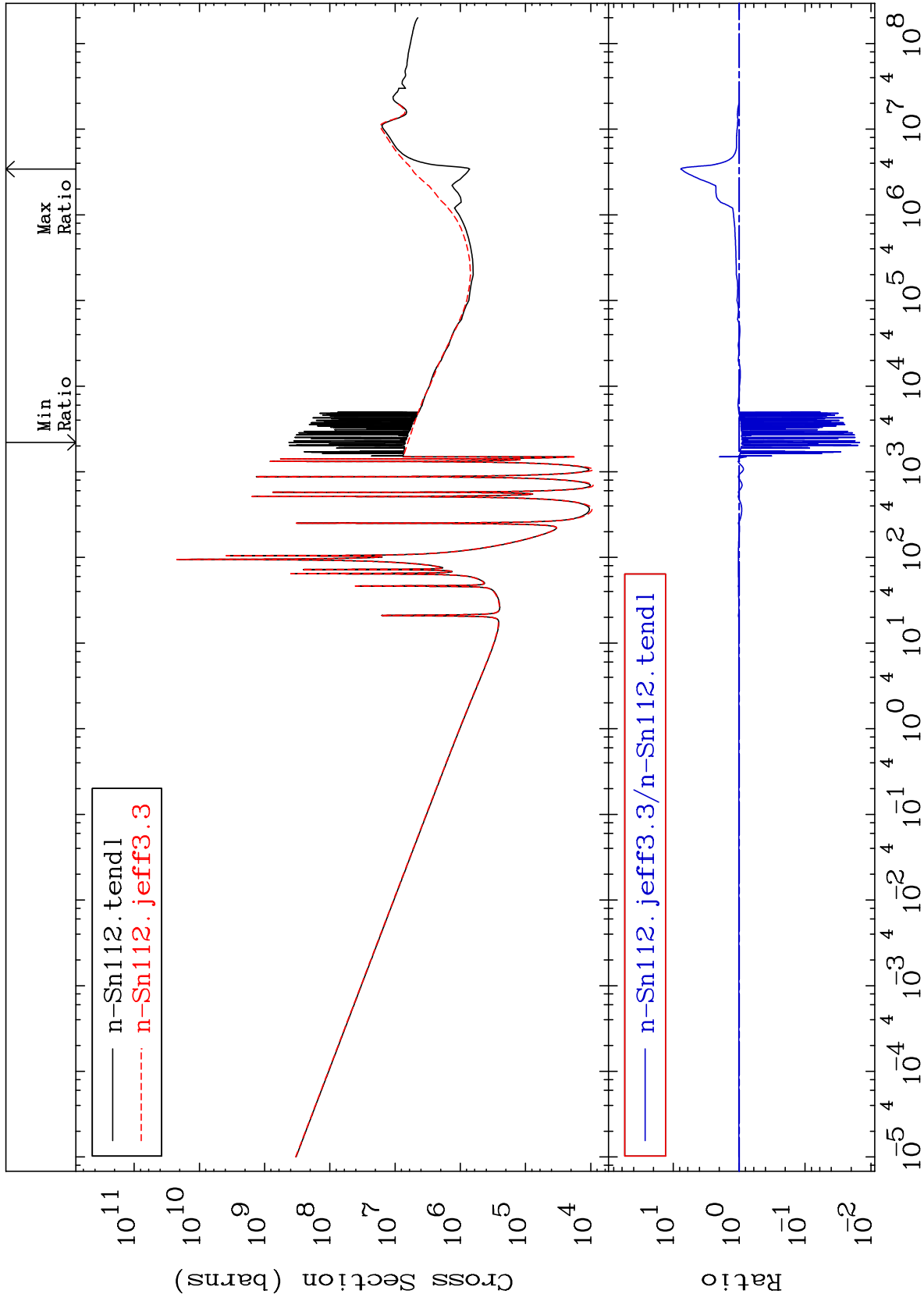


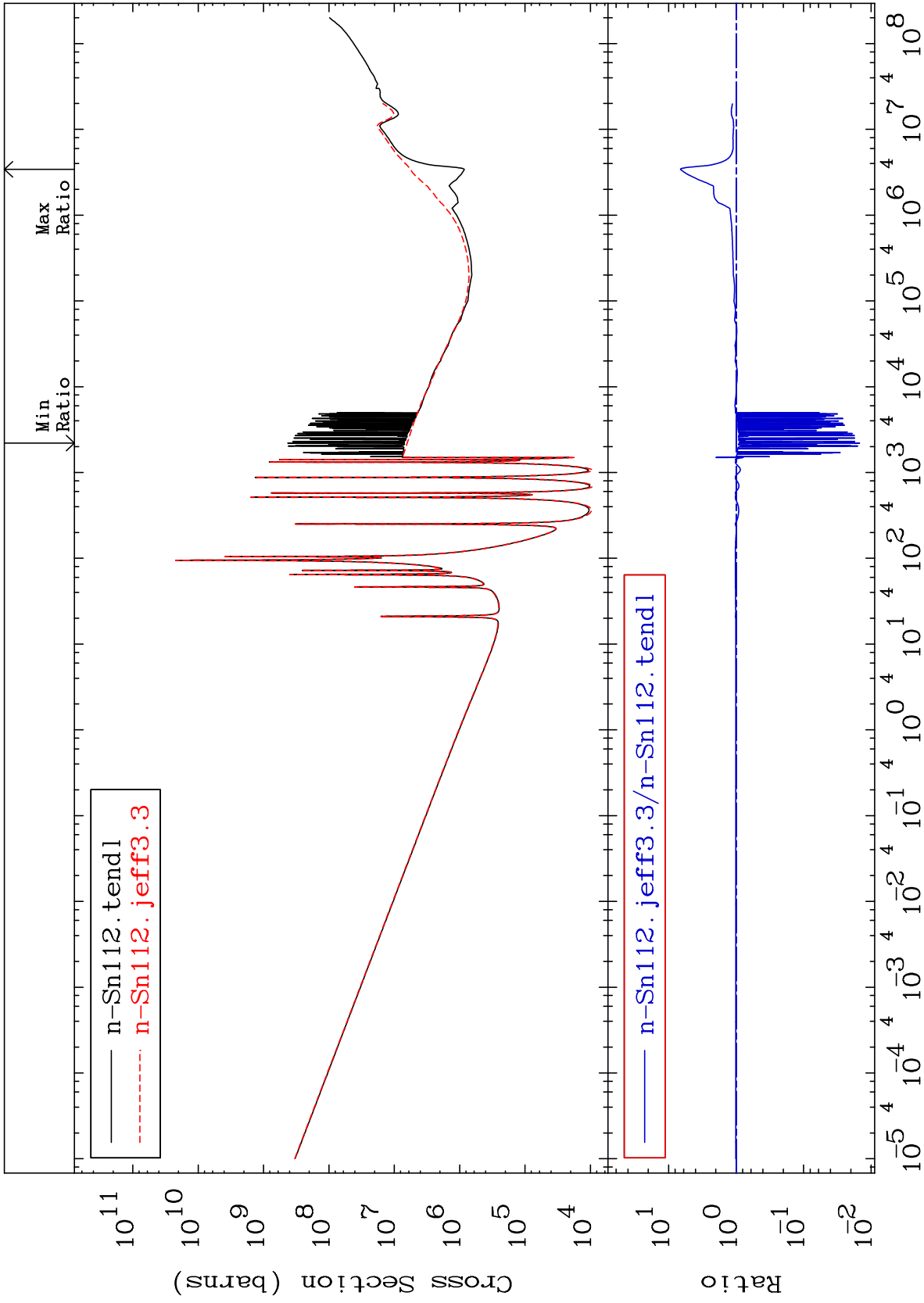








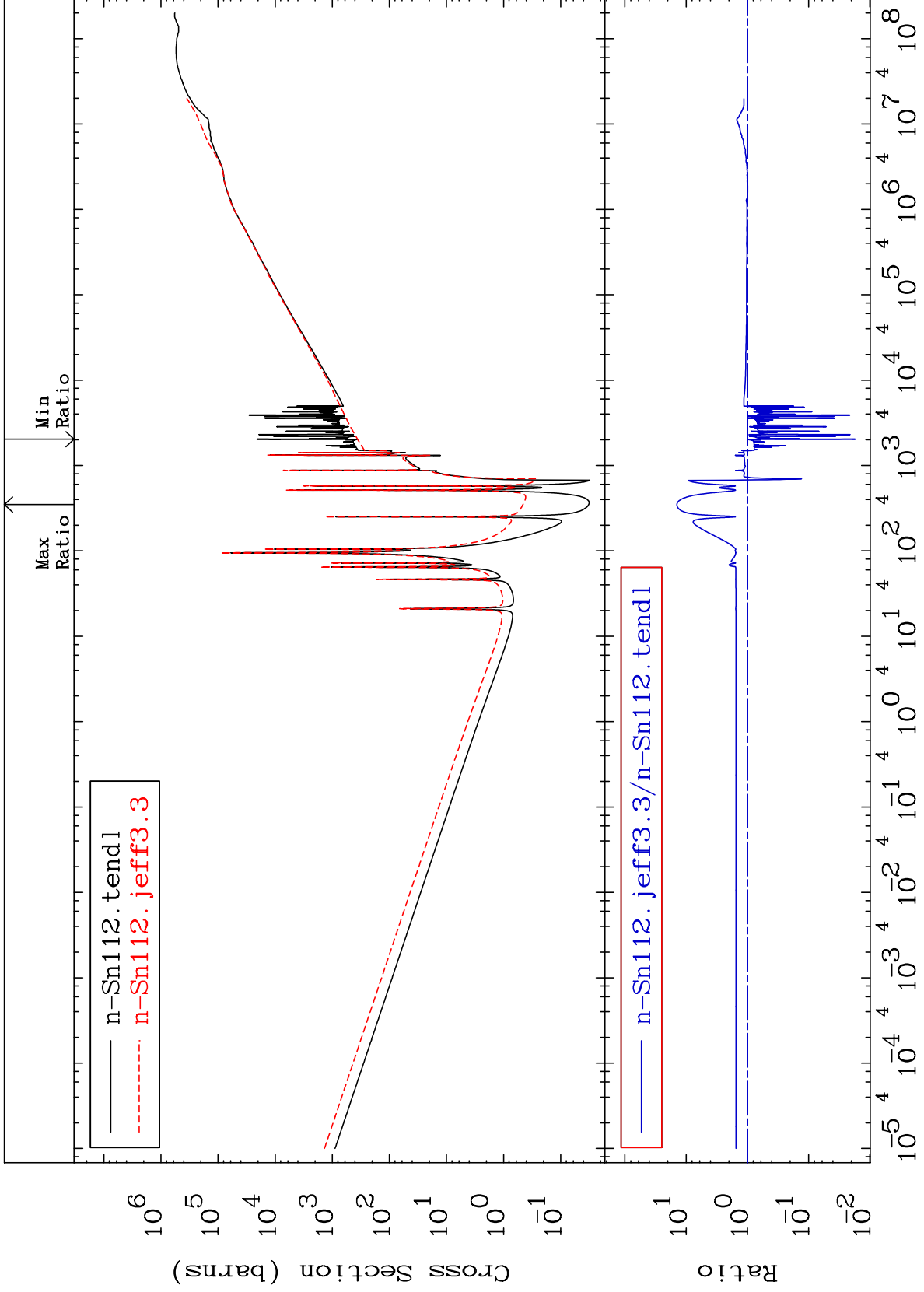




MAT 5025

Dpa total (eV-barns)
Cross Section

50-Sn-112
-98.26 To 1313. %



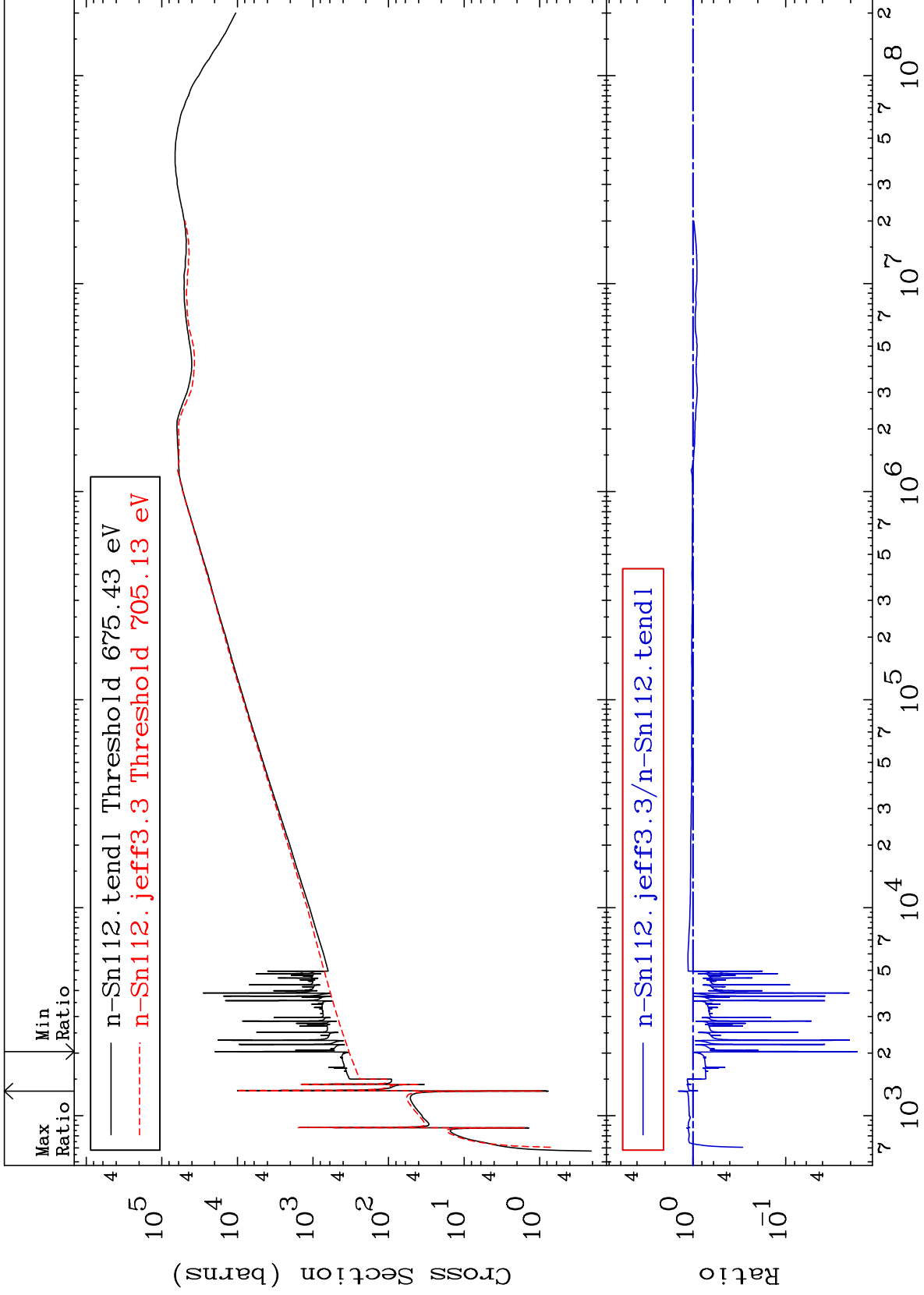
60

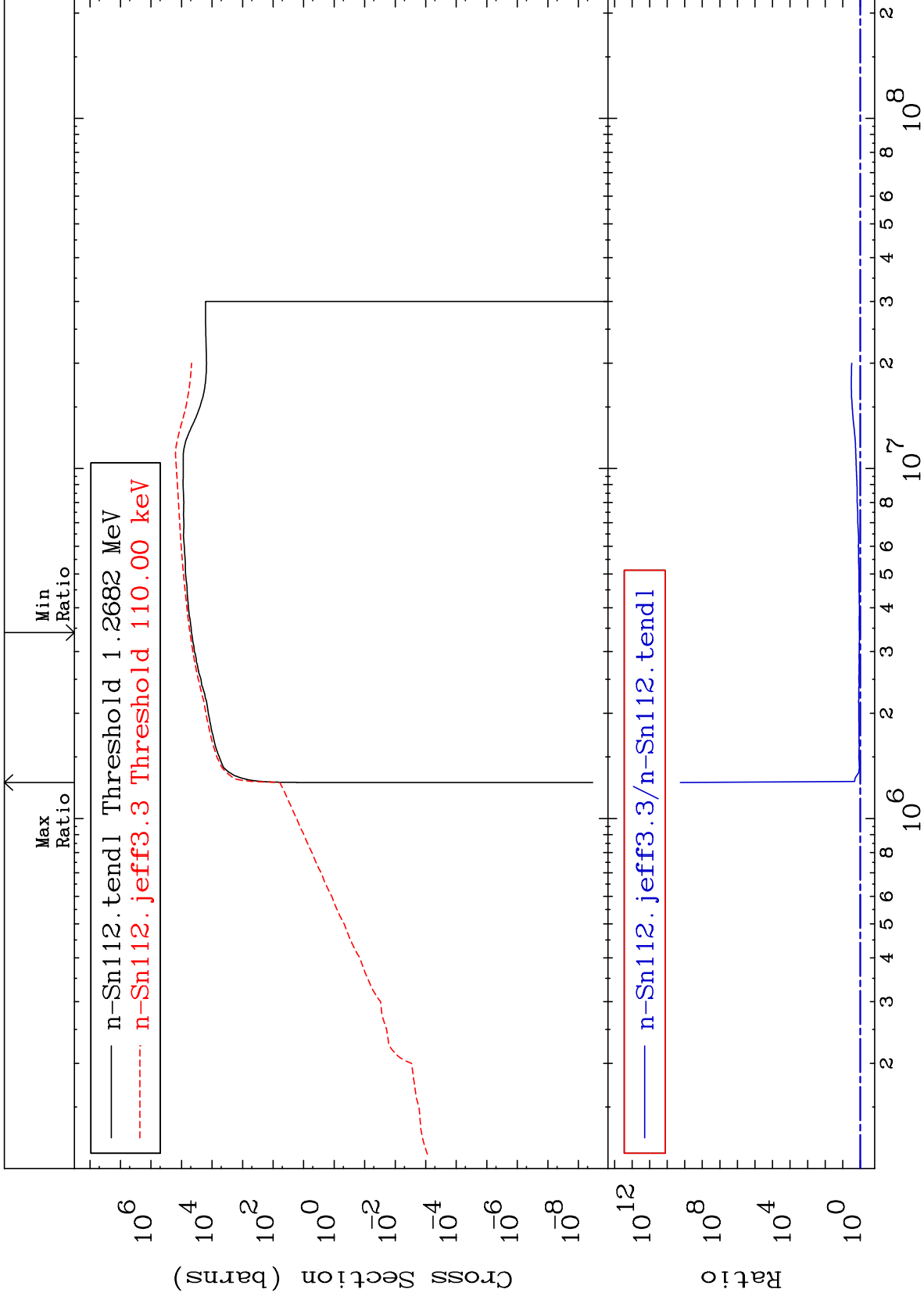
50-Sn-112

MAT 5025

Dpa elastic (mt2)
Cross Section

50-Sn-112
-98.31 To 42.60 %





MAT 5025

Dpa disappearance (mt102 -120)
Cross Section

50-Sn-112
-97.64 To 1313. %

