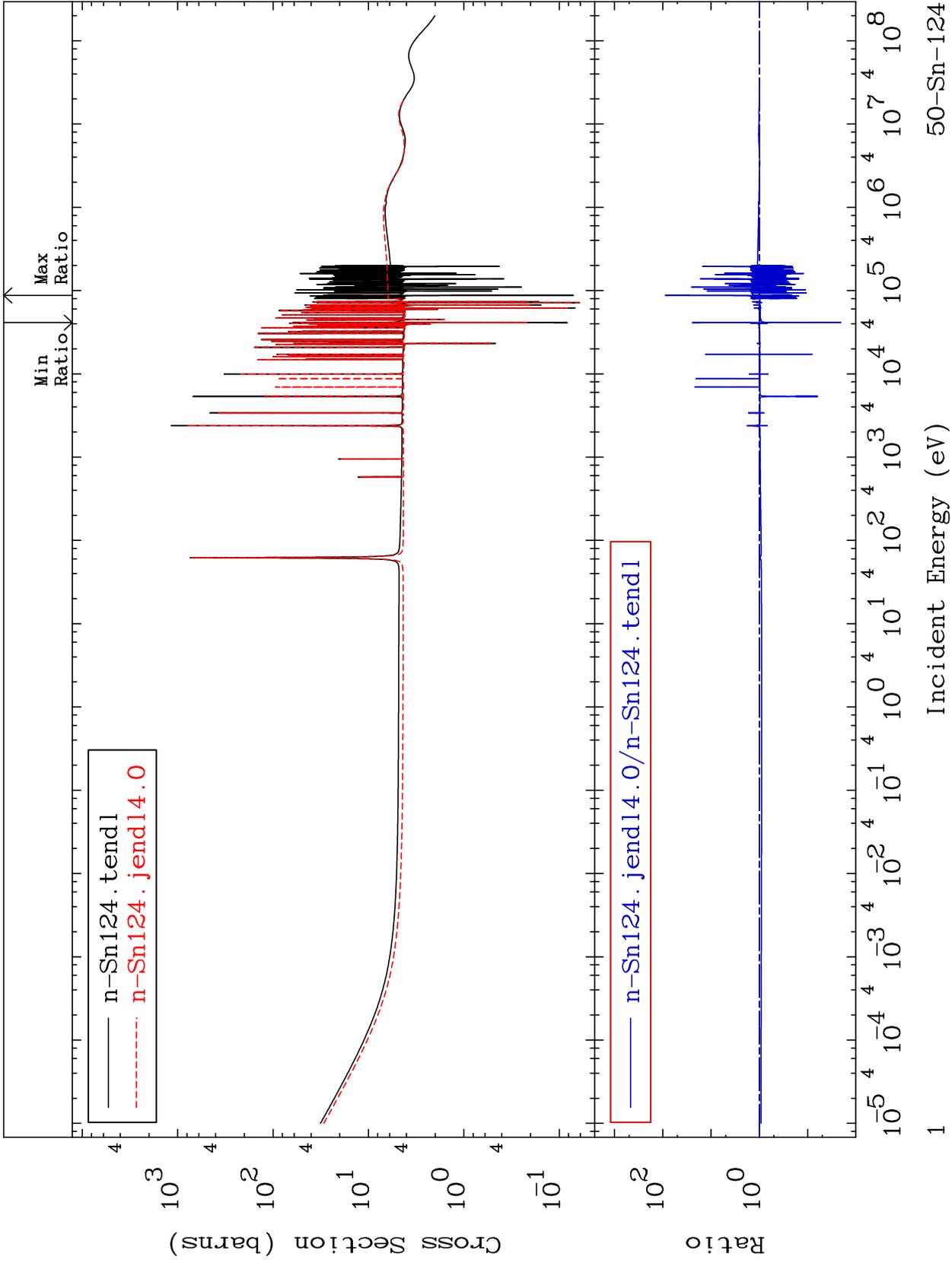


MAT 5061

Total
Cross Section

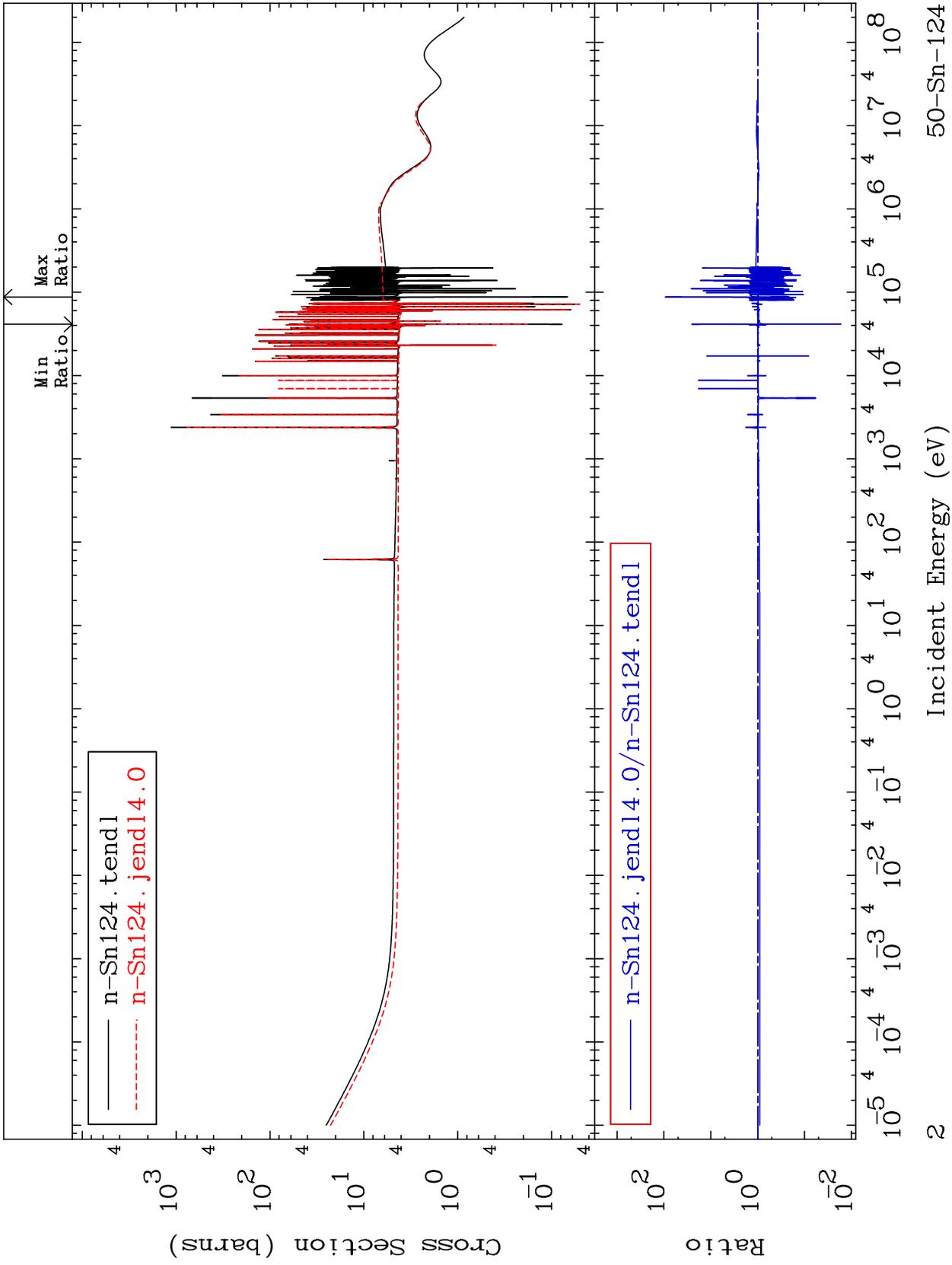
50-Sn-124
-97.94 To 8689. %



MAT 5061

Elastic
Cross Section

50-Sn-124
-98.32 To 9153. %



50-Sn-124

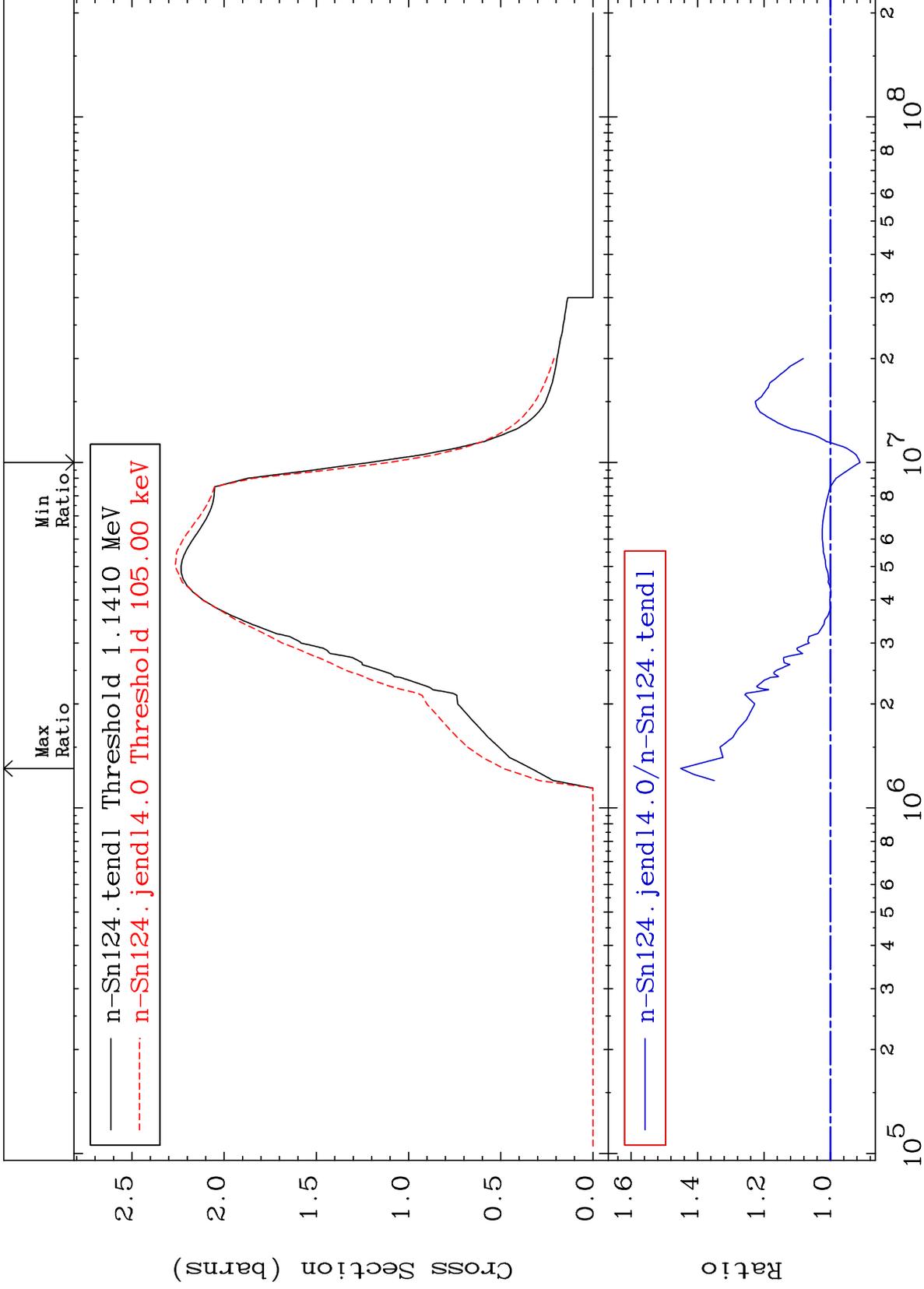
Incident Energy (eV)

2

MAT 5061

Inelastic
Cross Section

50-Sn-124
-8.924 To 45.05 %



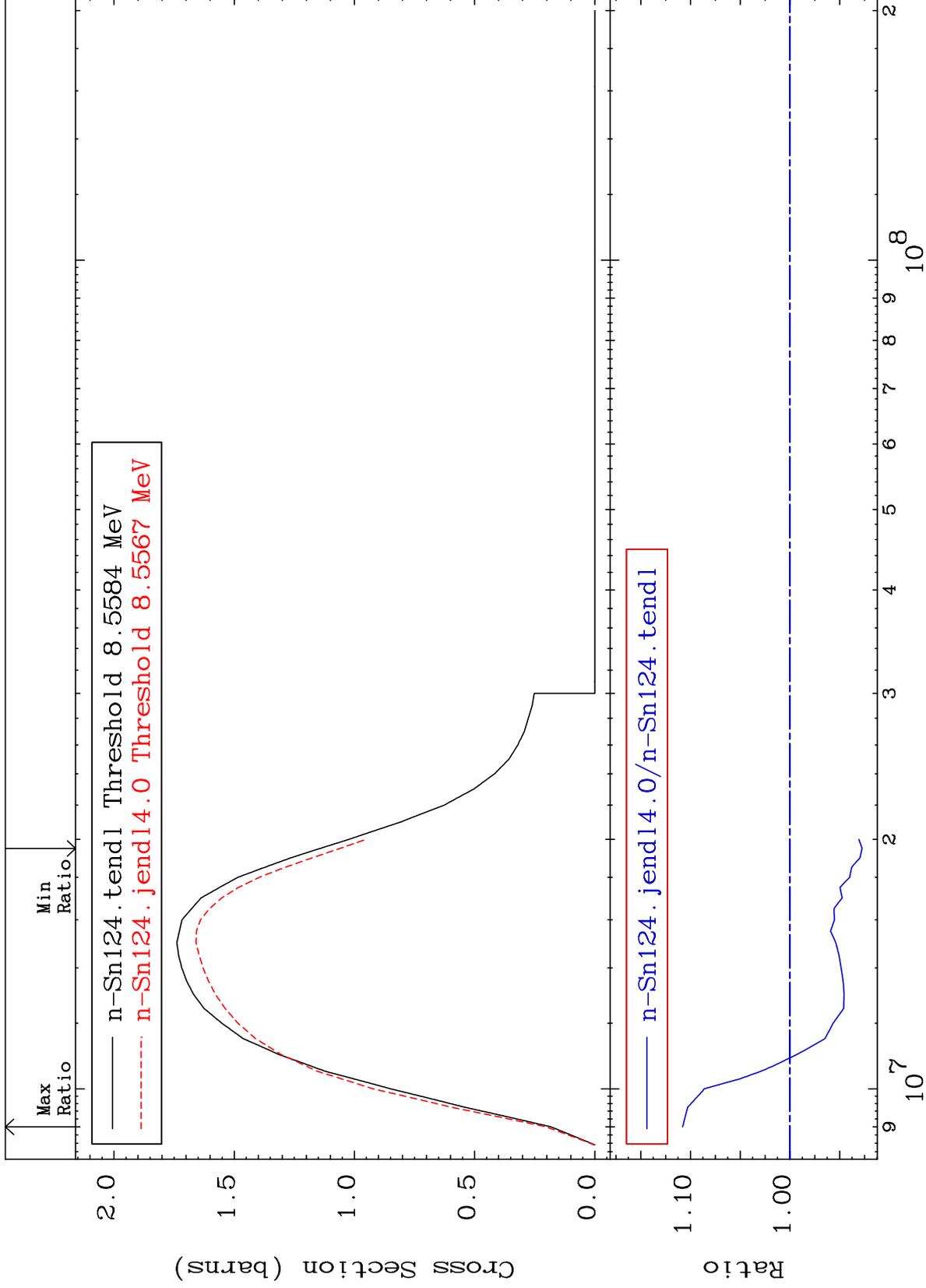
Incident Energy (eV)

50-Sn-124

MAT 5061

(n,2n)
Cross Section

50-Sn-124
-7.253 To 10.79 %



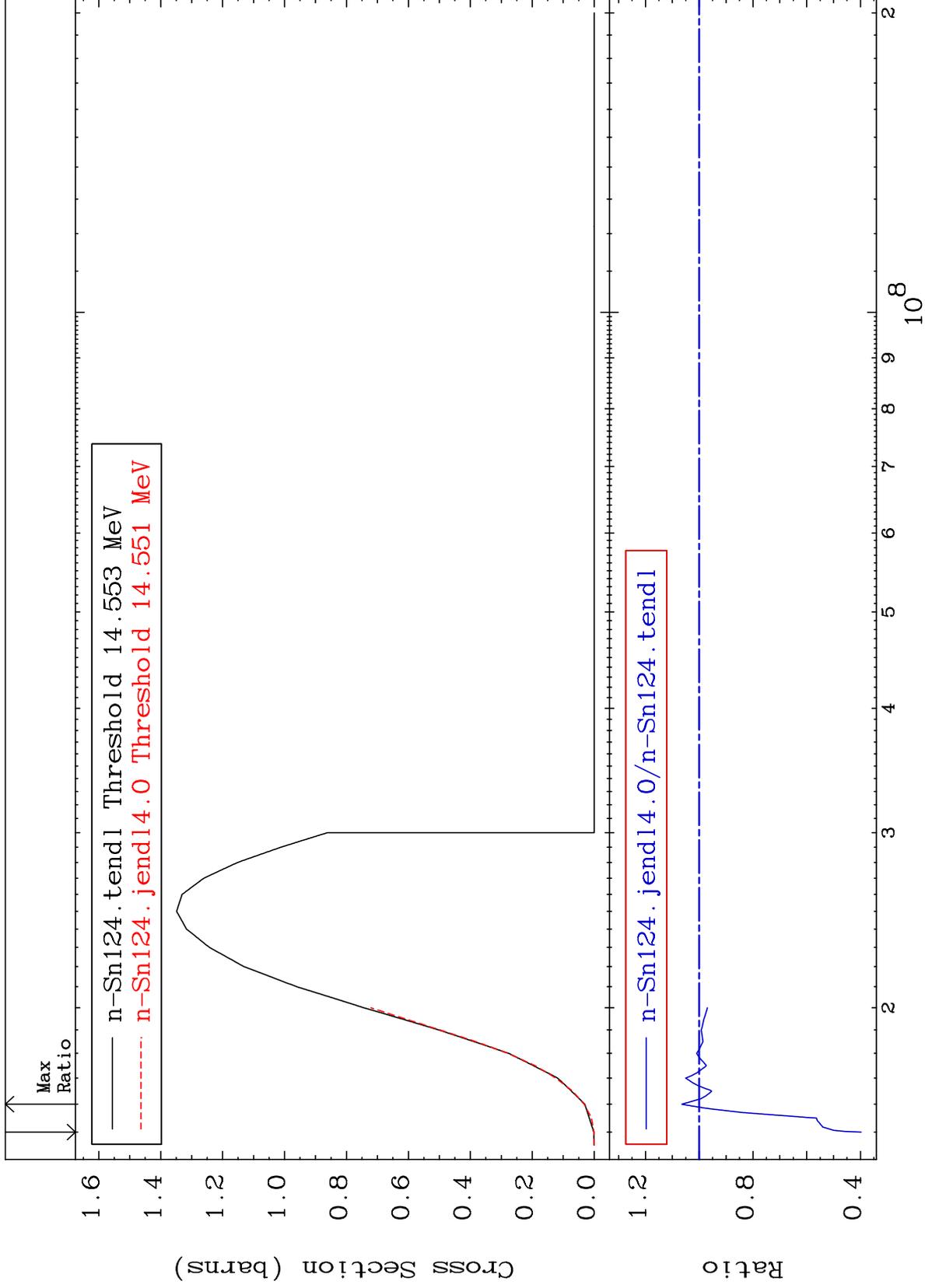
50-Sn-124

4

MAT 5061

(n,3n)
Cross Section

50-Sn-124
-60.26 To 6.435 %



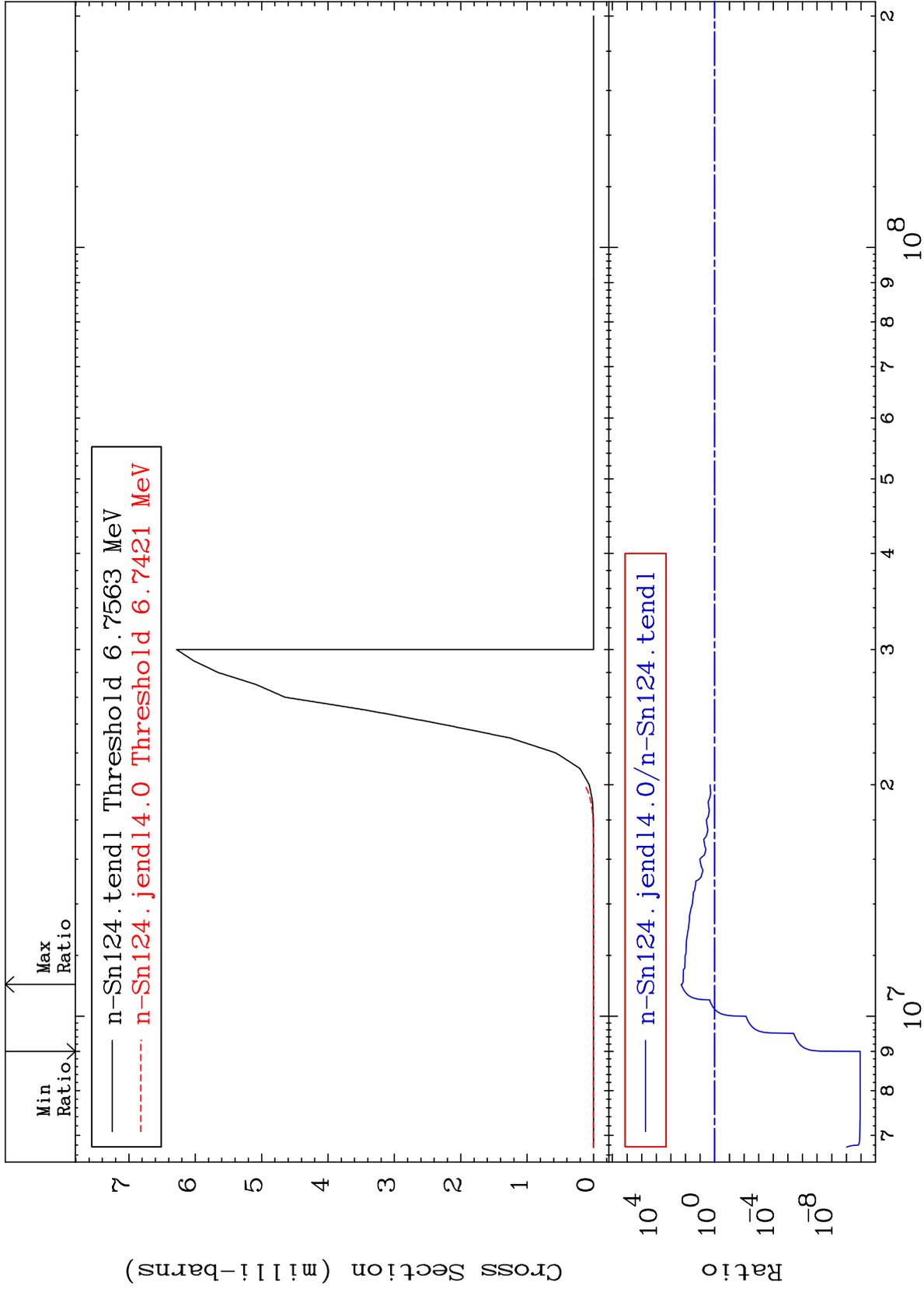
MAT 5061

(n,n') α

50-Sn-124

Cross Section

-100.0 To 9999. %



6

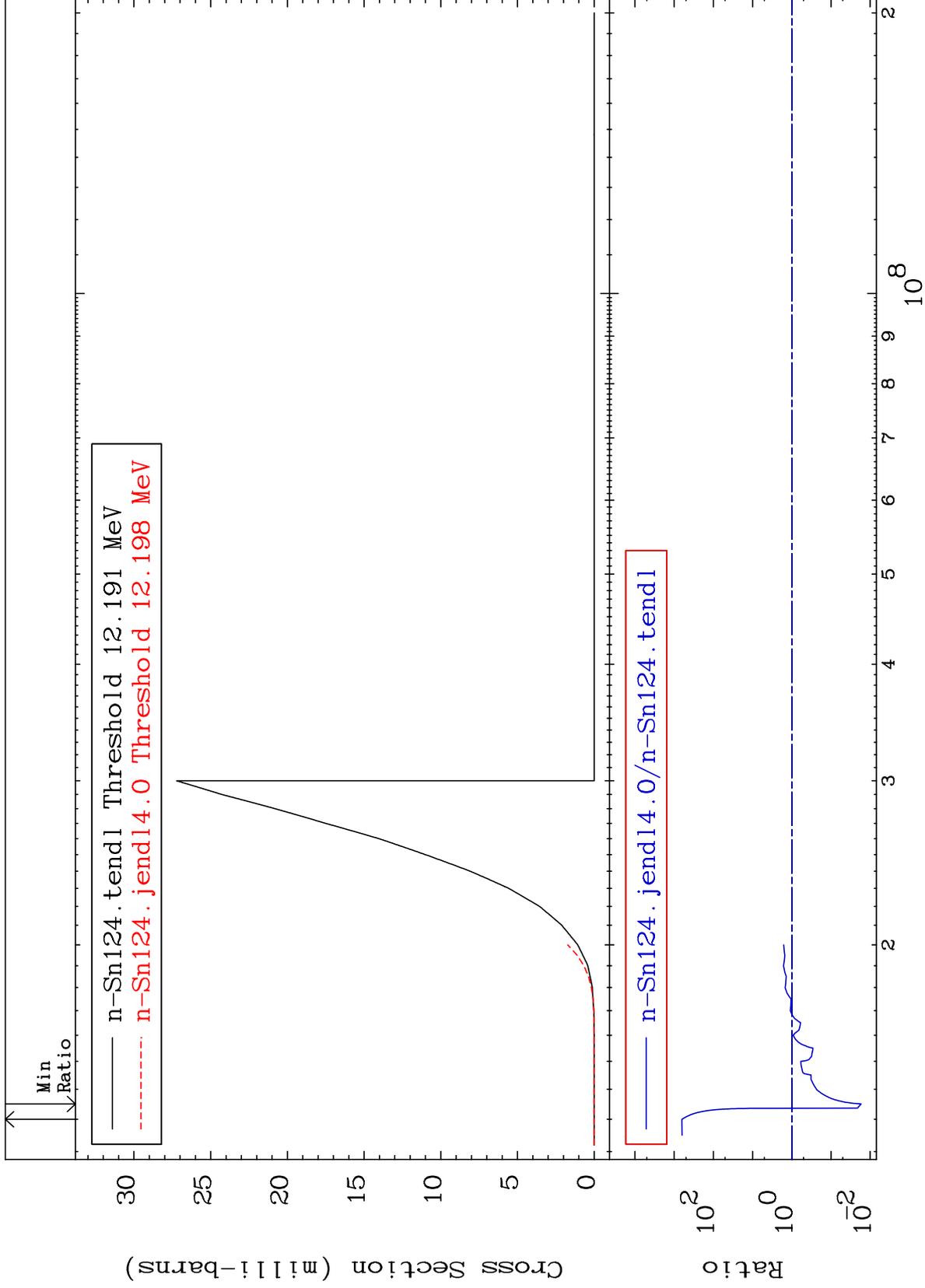
Incident Energy (eV)

50-Sn-124

MAT 5061

(n,n') p
Cross Section

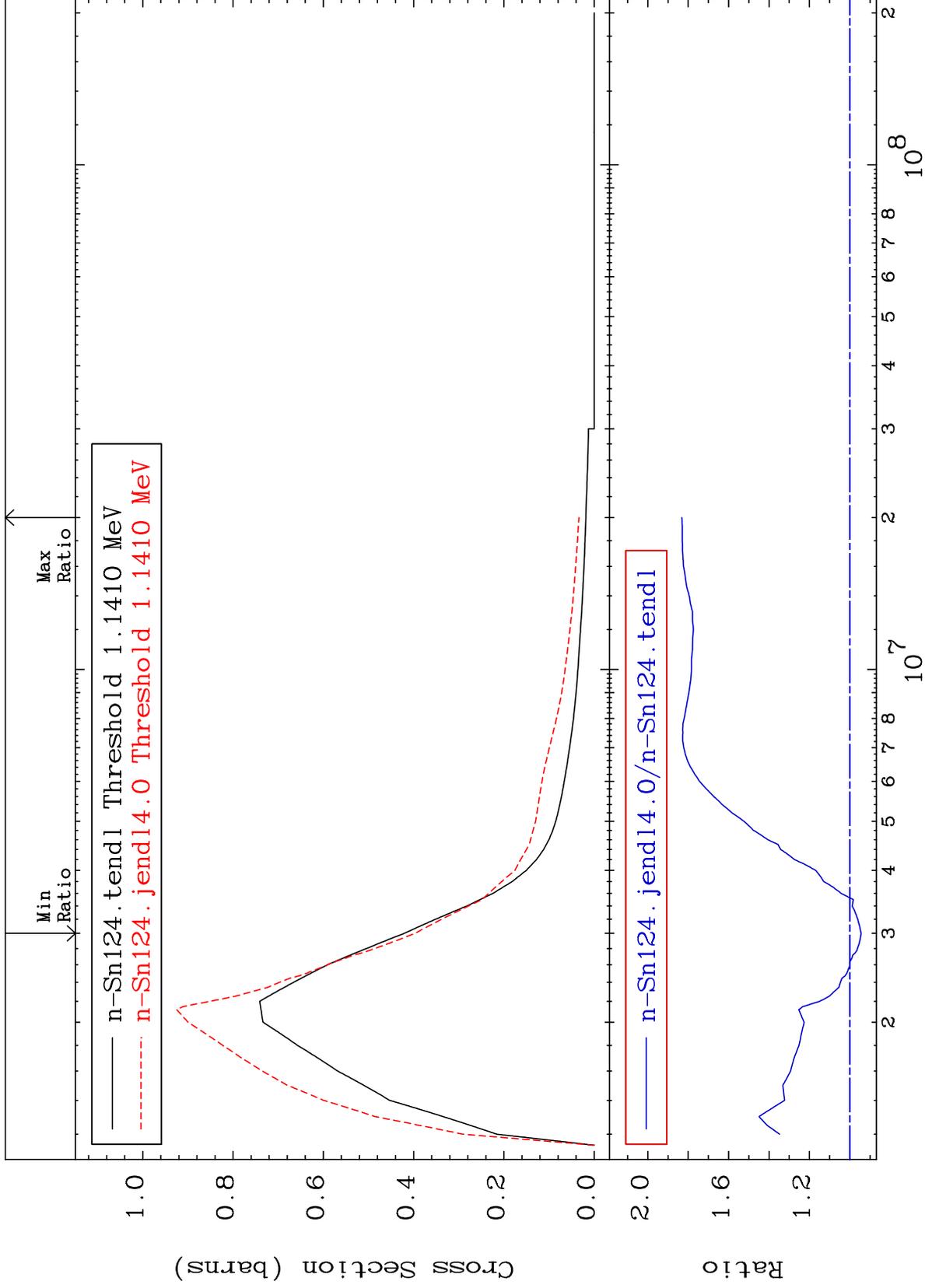
50-Sn-124
-98.30 To 9999. %



MAT 5061

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

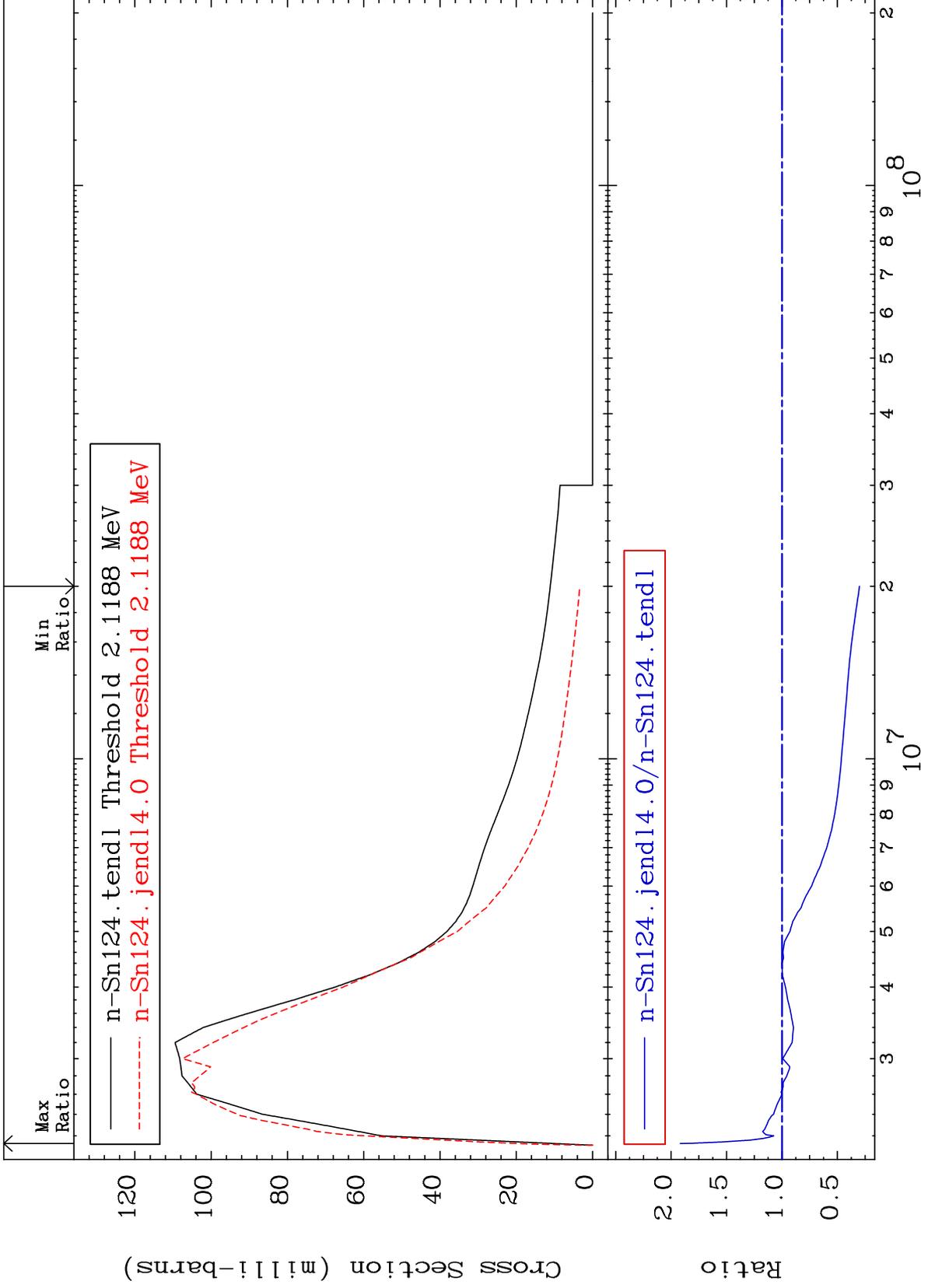
50-Sn-124
-5.593 To 83.11 %



MAT 5061

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

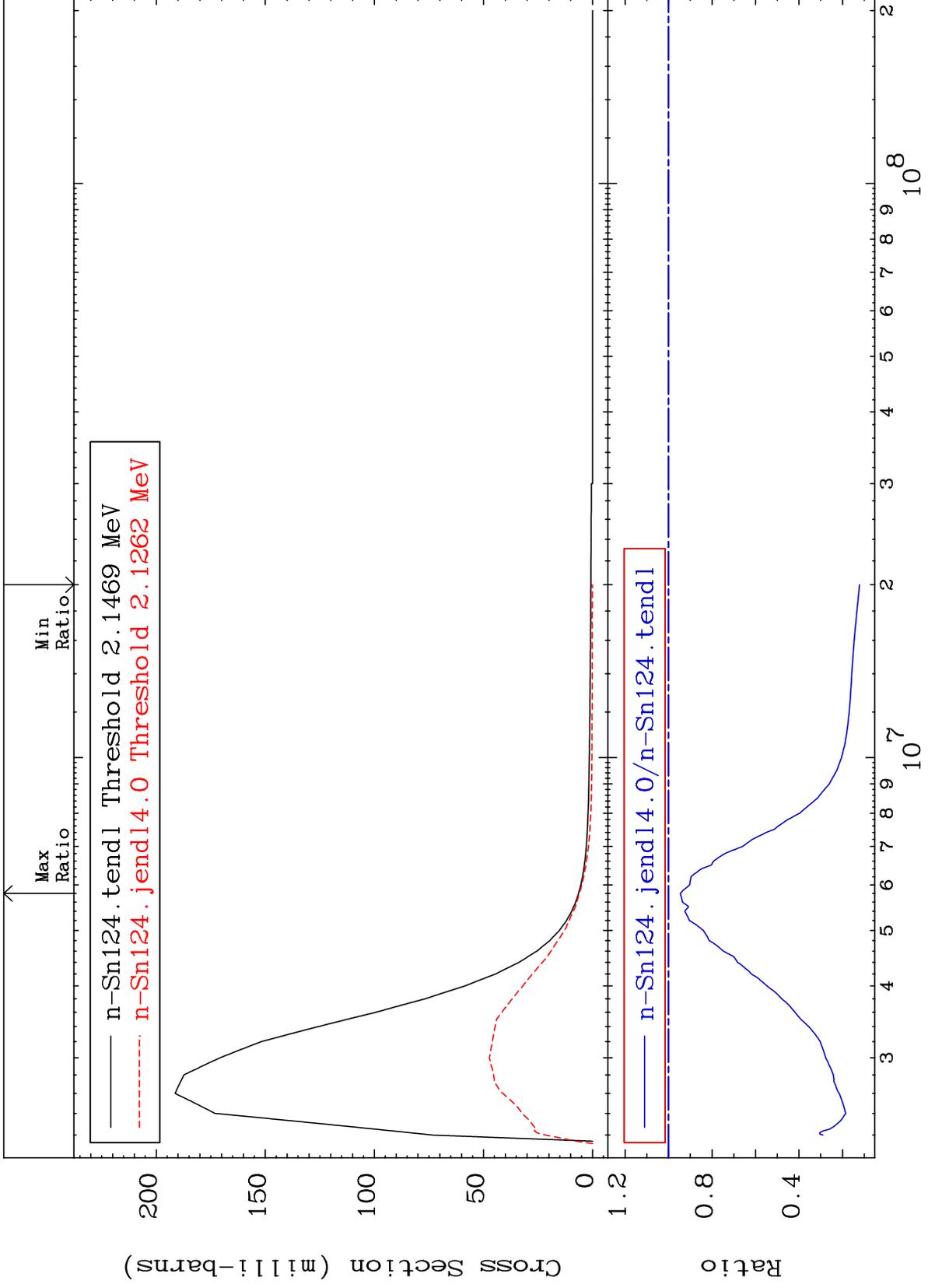
50-Sn-124
-69.90 To 91.75 %



MAT 5061

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

50-Sn-124
-87.82 To -5.366%



10

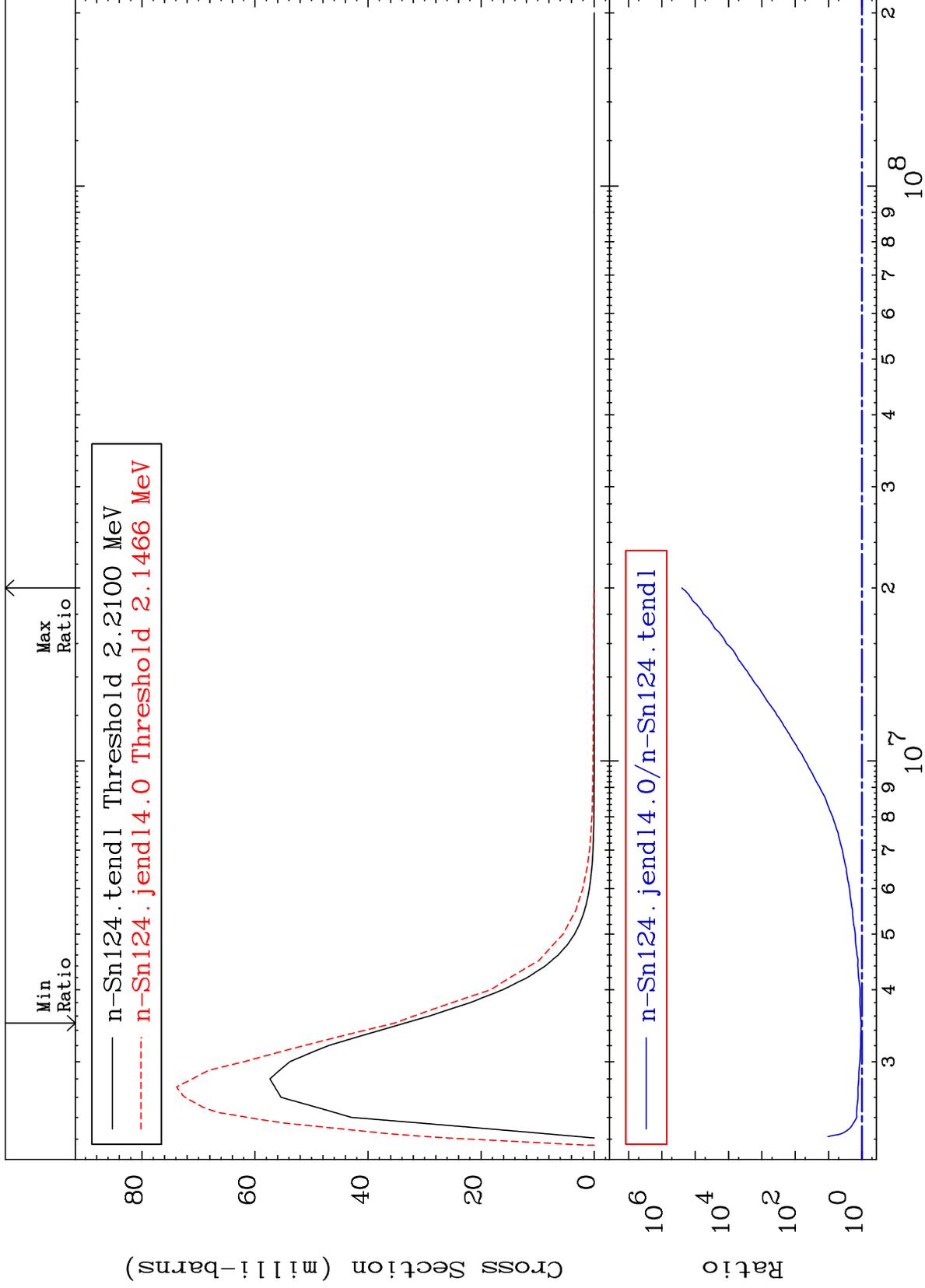
Incident Energy (eV)

50-Sn-124

MAT 5061

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

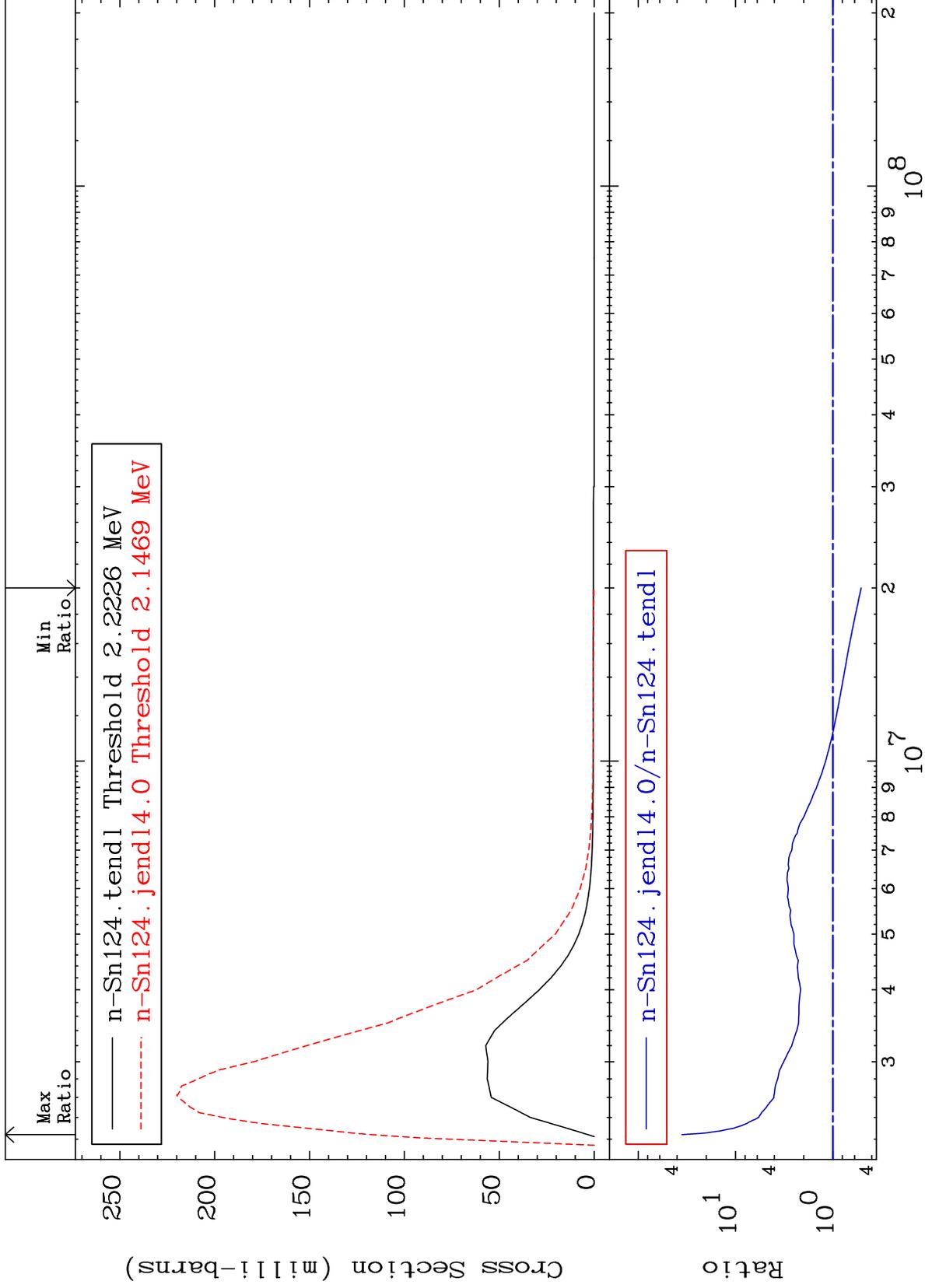
50-Sn-124
To 9999. %
5.385



MAT 5061

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

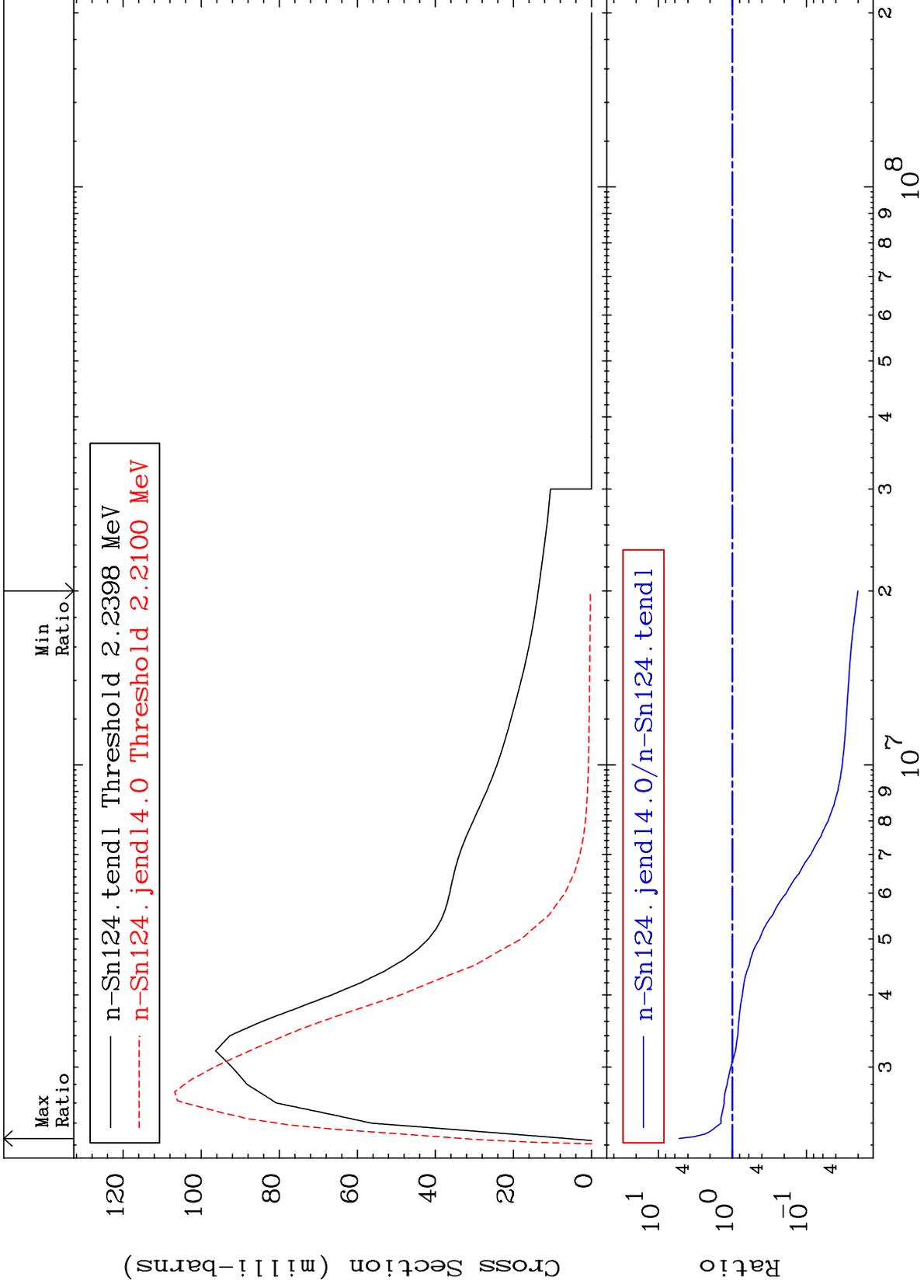
50-Sn-124
-48.64 To 3460. %



MAT 5061

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

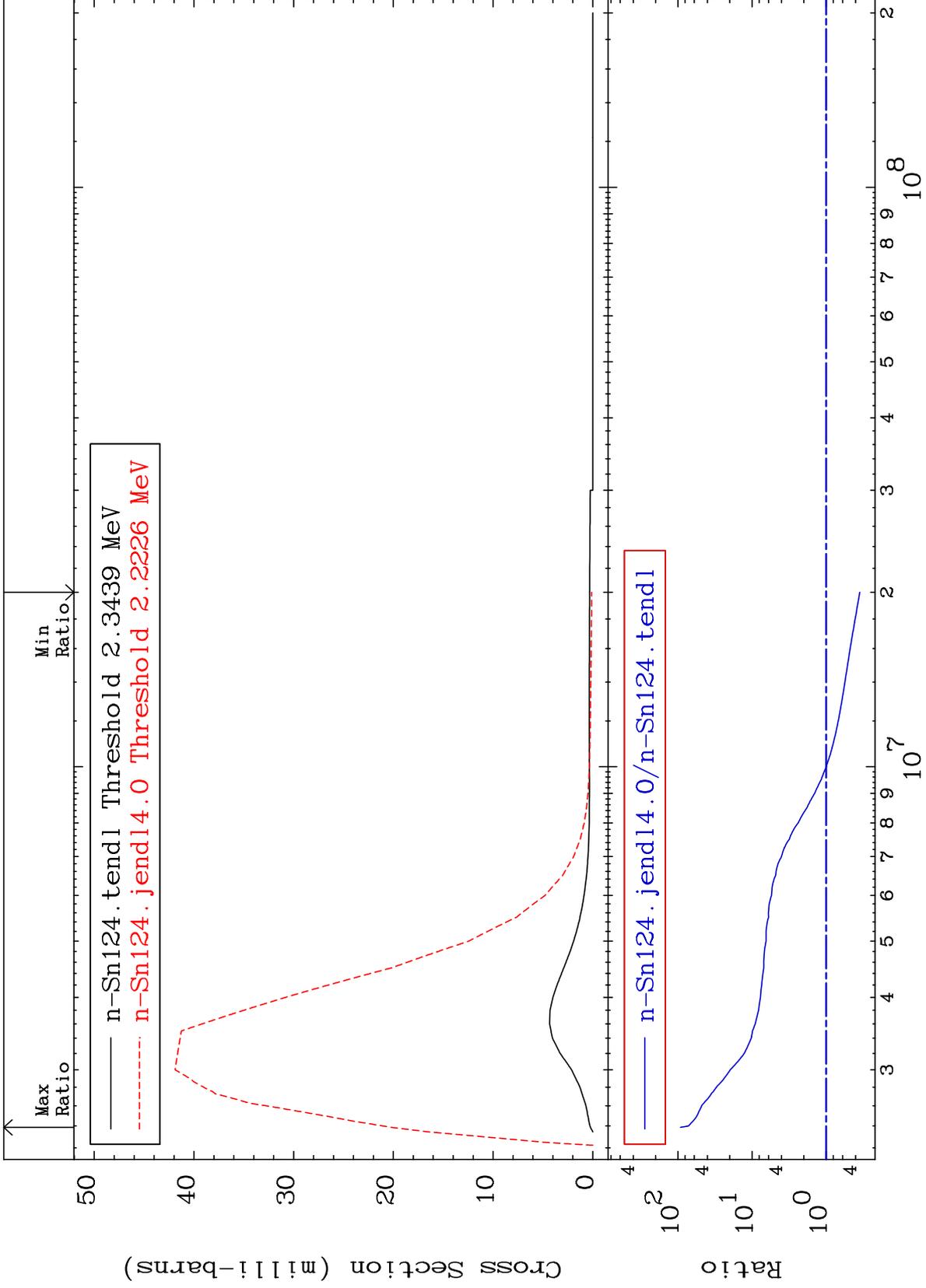
50-Sn-124
-97.98 To 426.1 %



MAT 5061

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

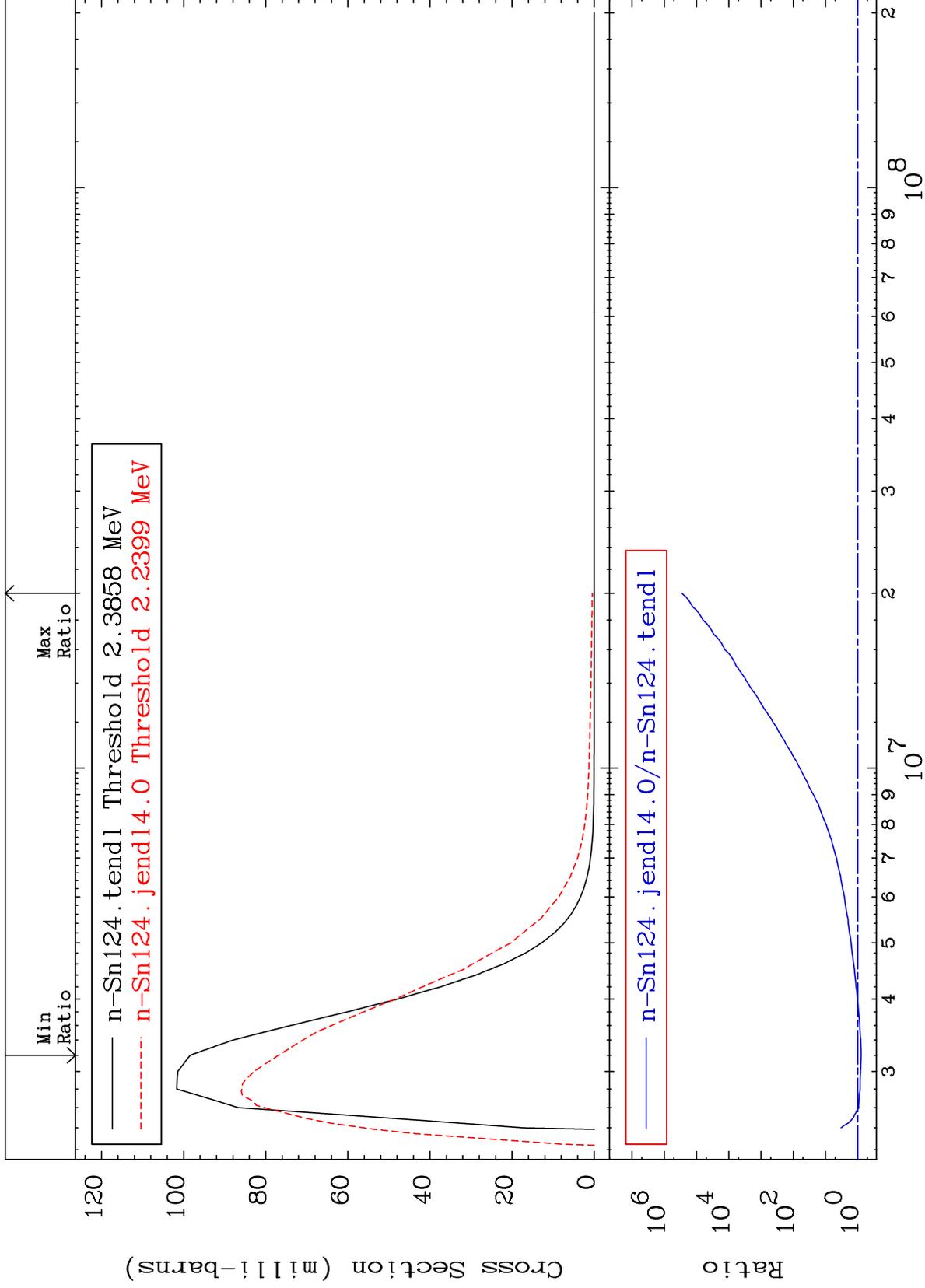
50-Sn-124
-64.80 To 9109. %



MAT 5061

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

50-Sn-124
-21.84 To 9999. %



15

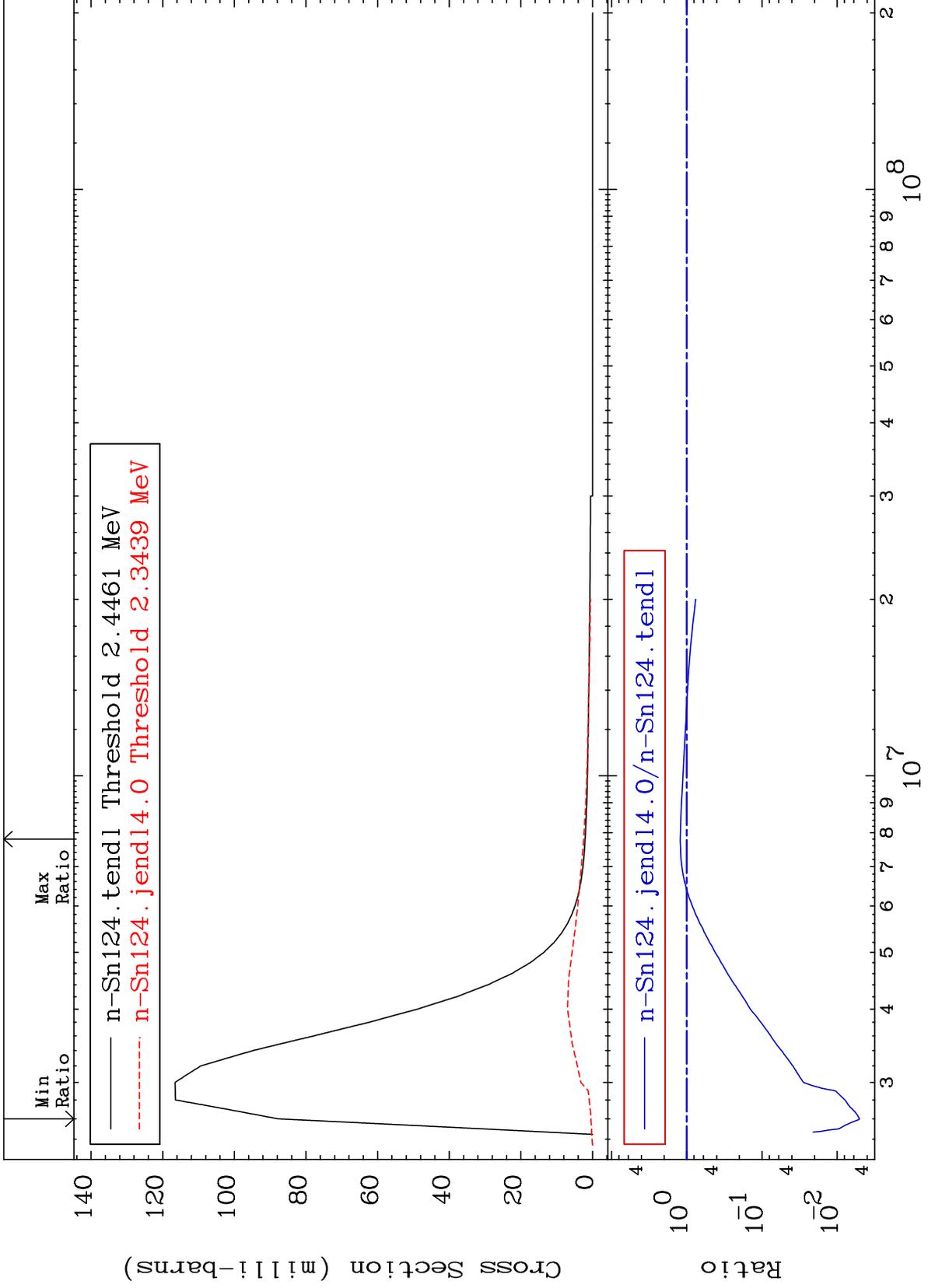
Incident Energy (eV)

50-Sn-124

MAT 5061

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

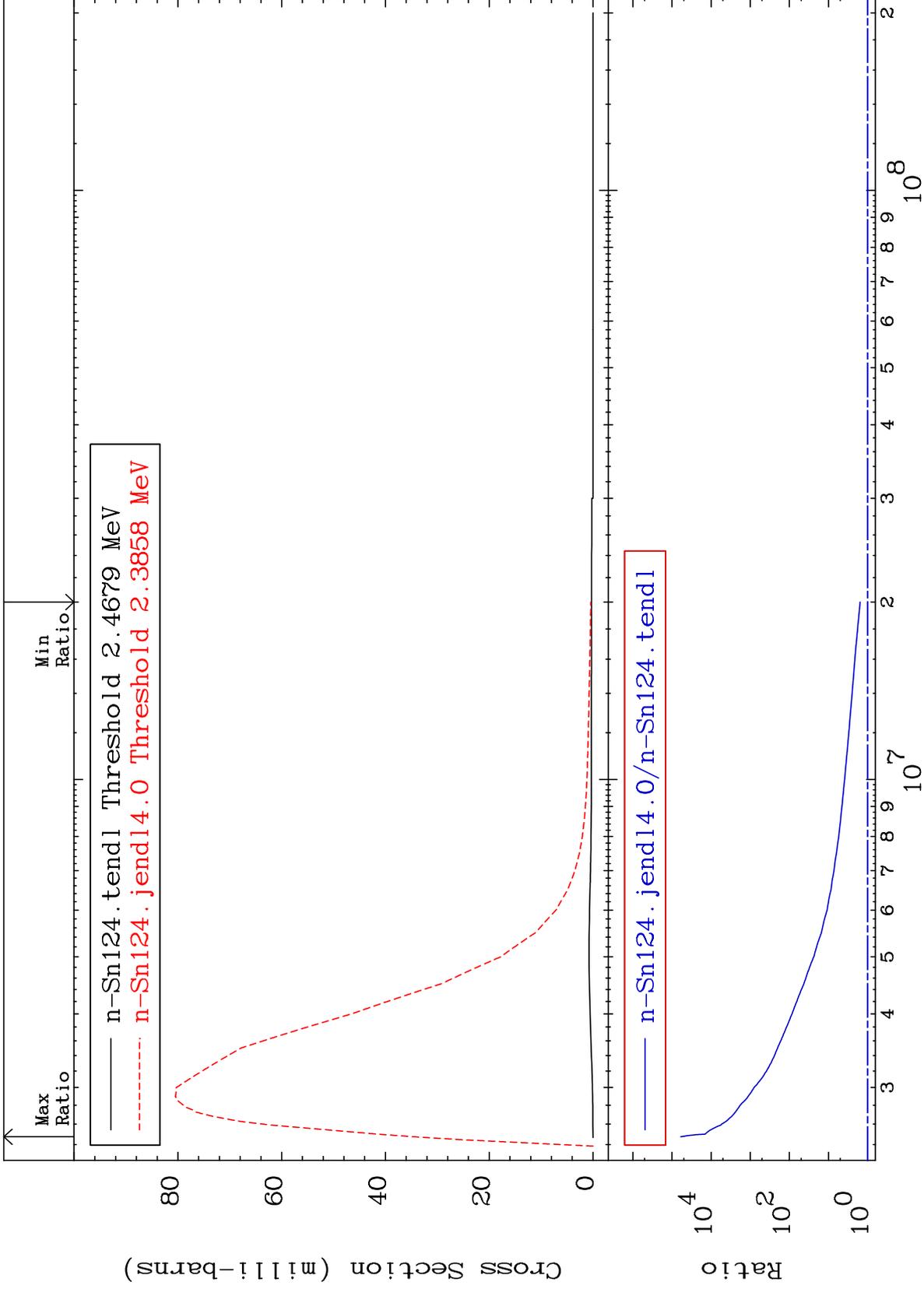
50-Sn-124
-99.49 To 22.02 %



MAT 5061

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

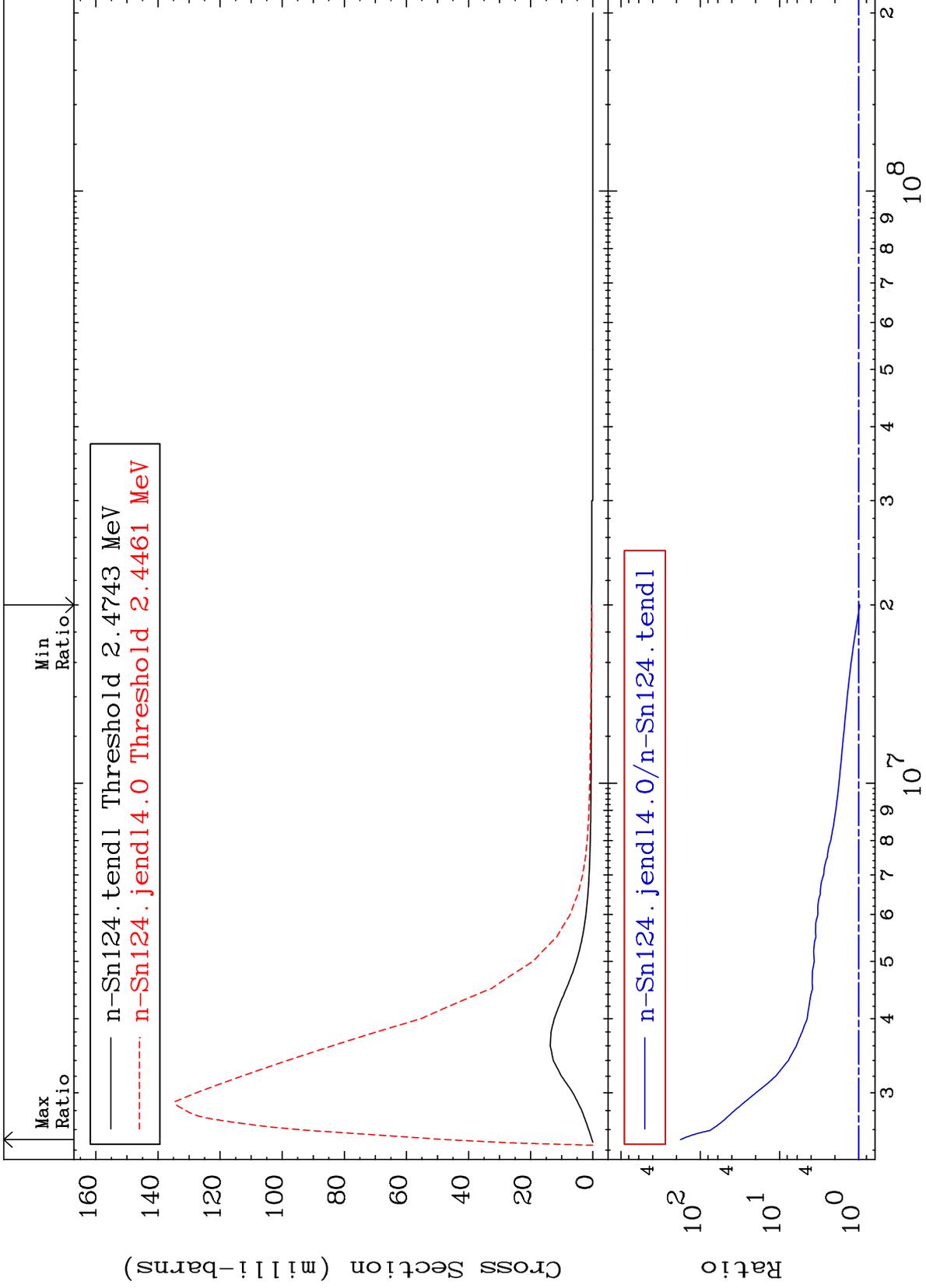
50-Sn-124
To 9999. %



MAT 5061

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

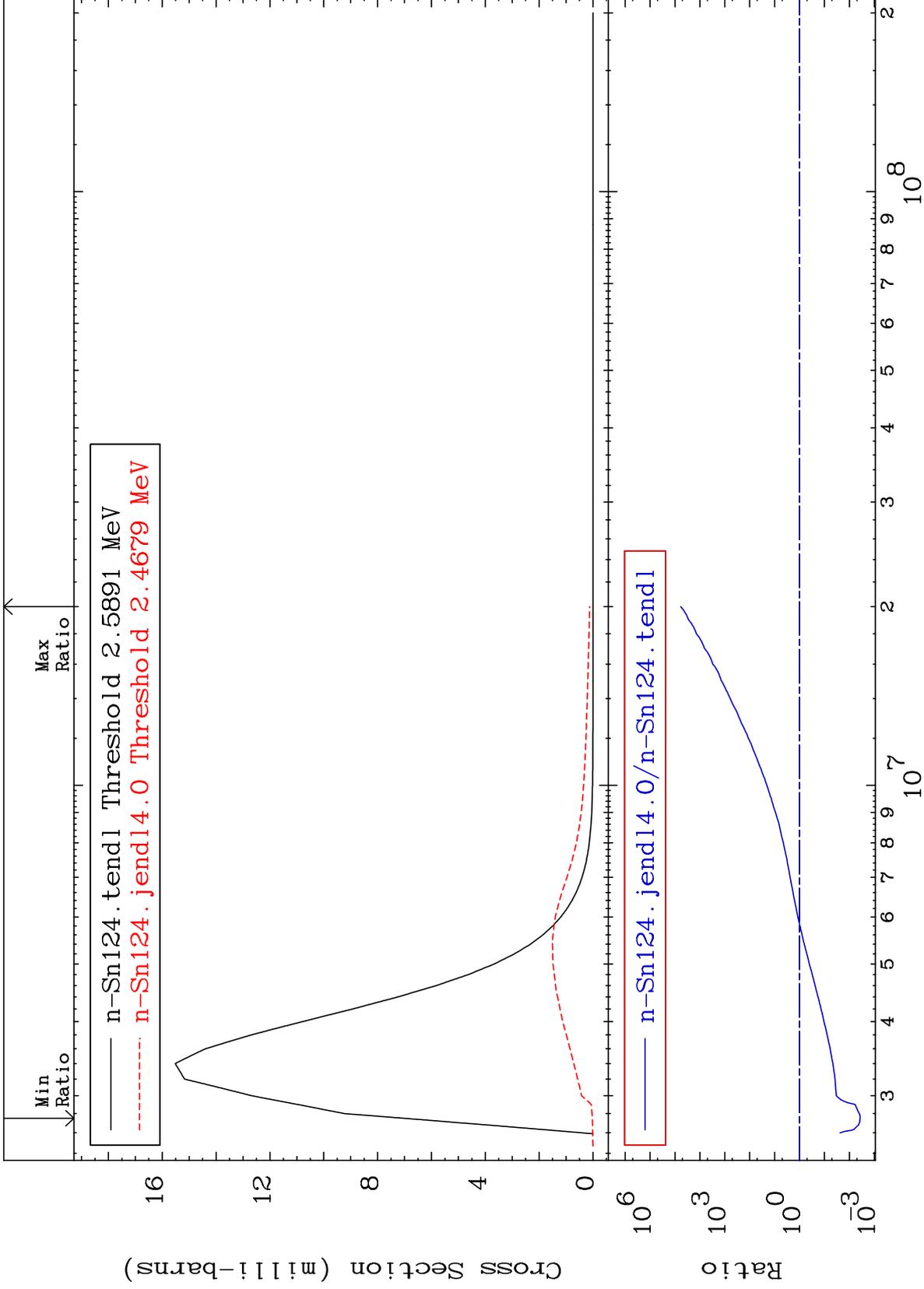
50-Sn-124
-2.897 To 9999. %



MAT 5061

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

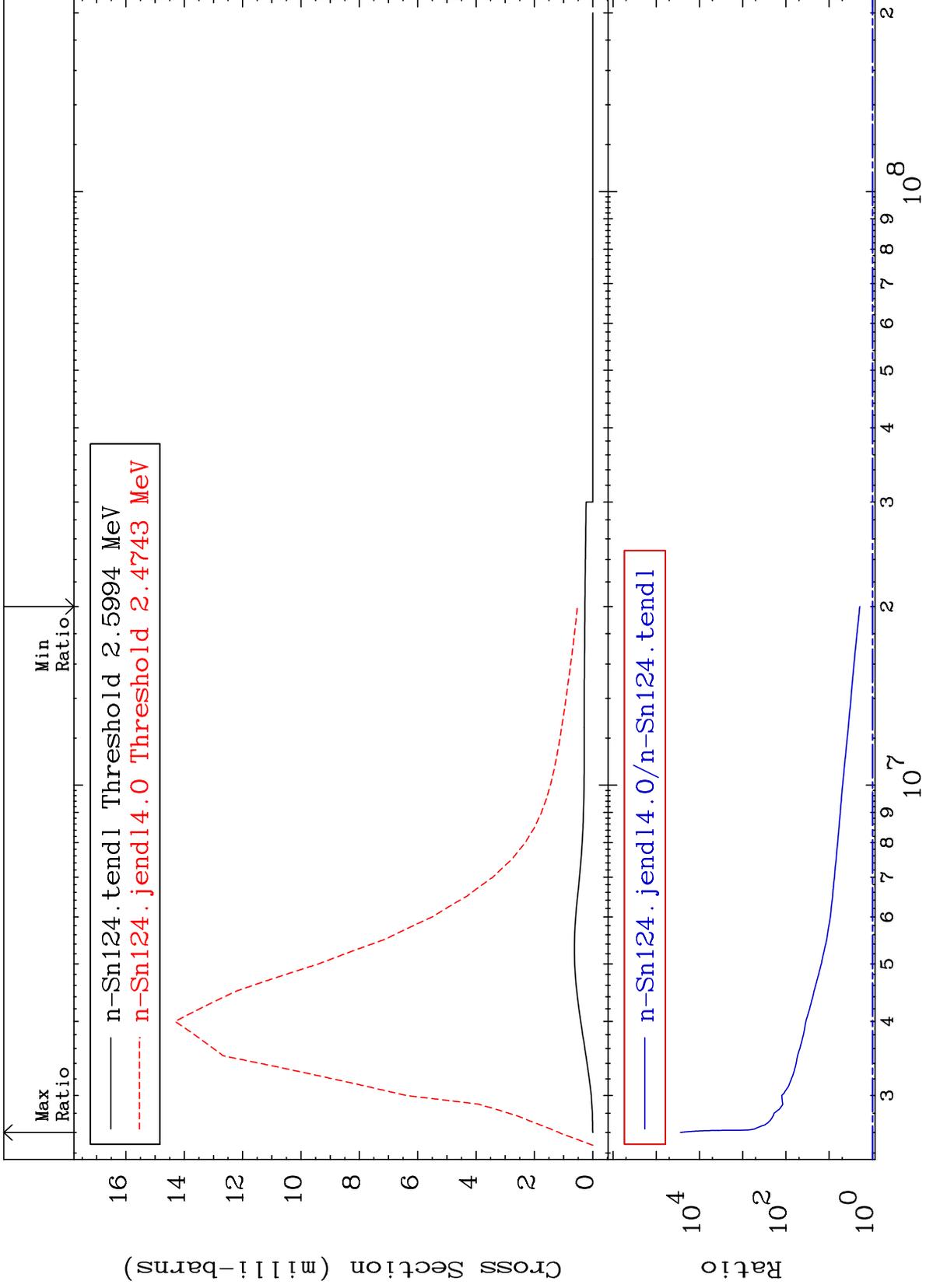
50-Sn-124
-99.63 To 9999. %



MAT 5061

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

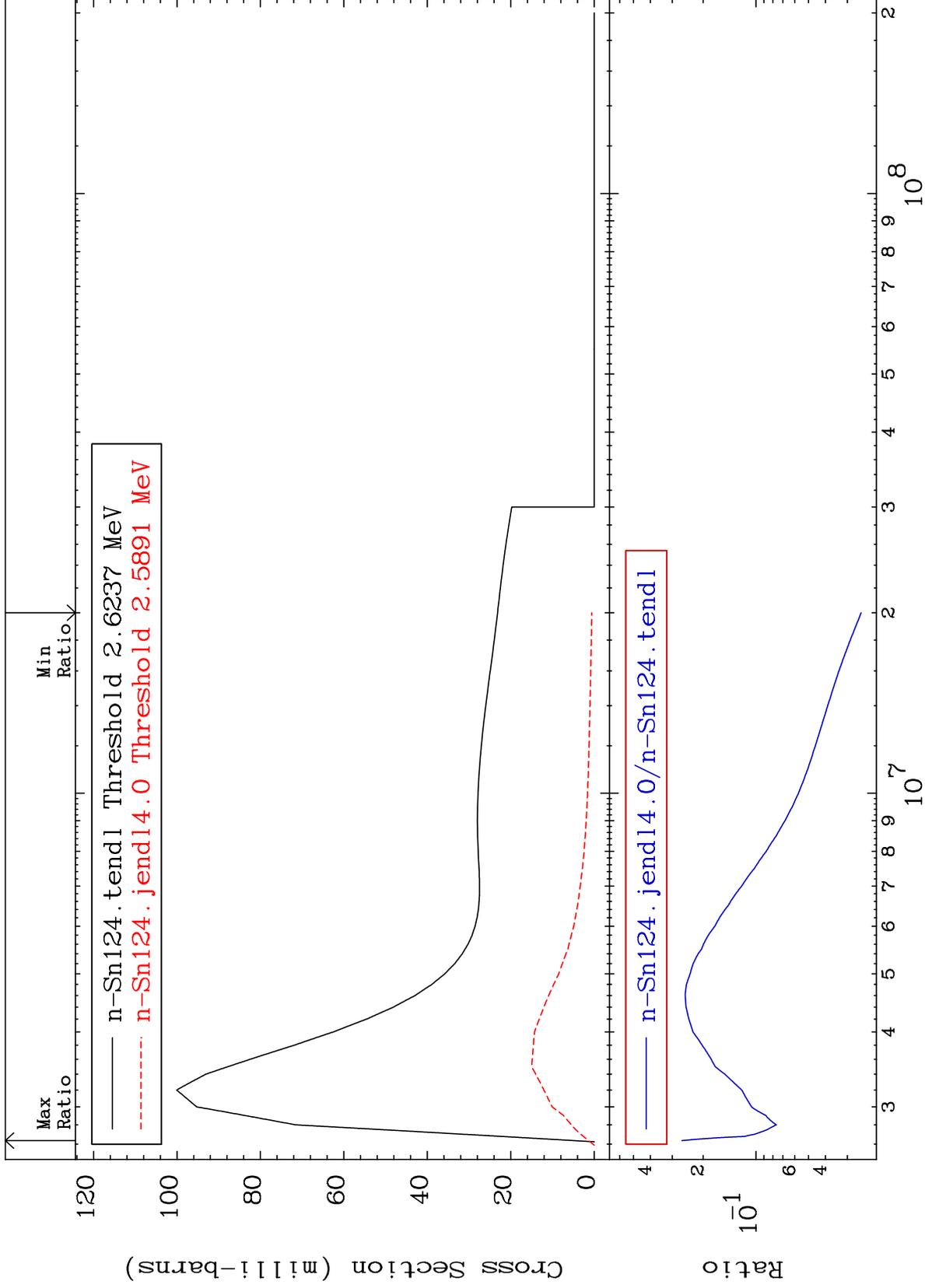
50-Sn-124
To 9999. %



MAT 5061

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

50-Sn-124
-97.50 To -73.56%



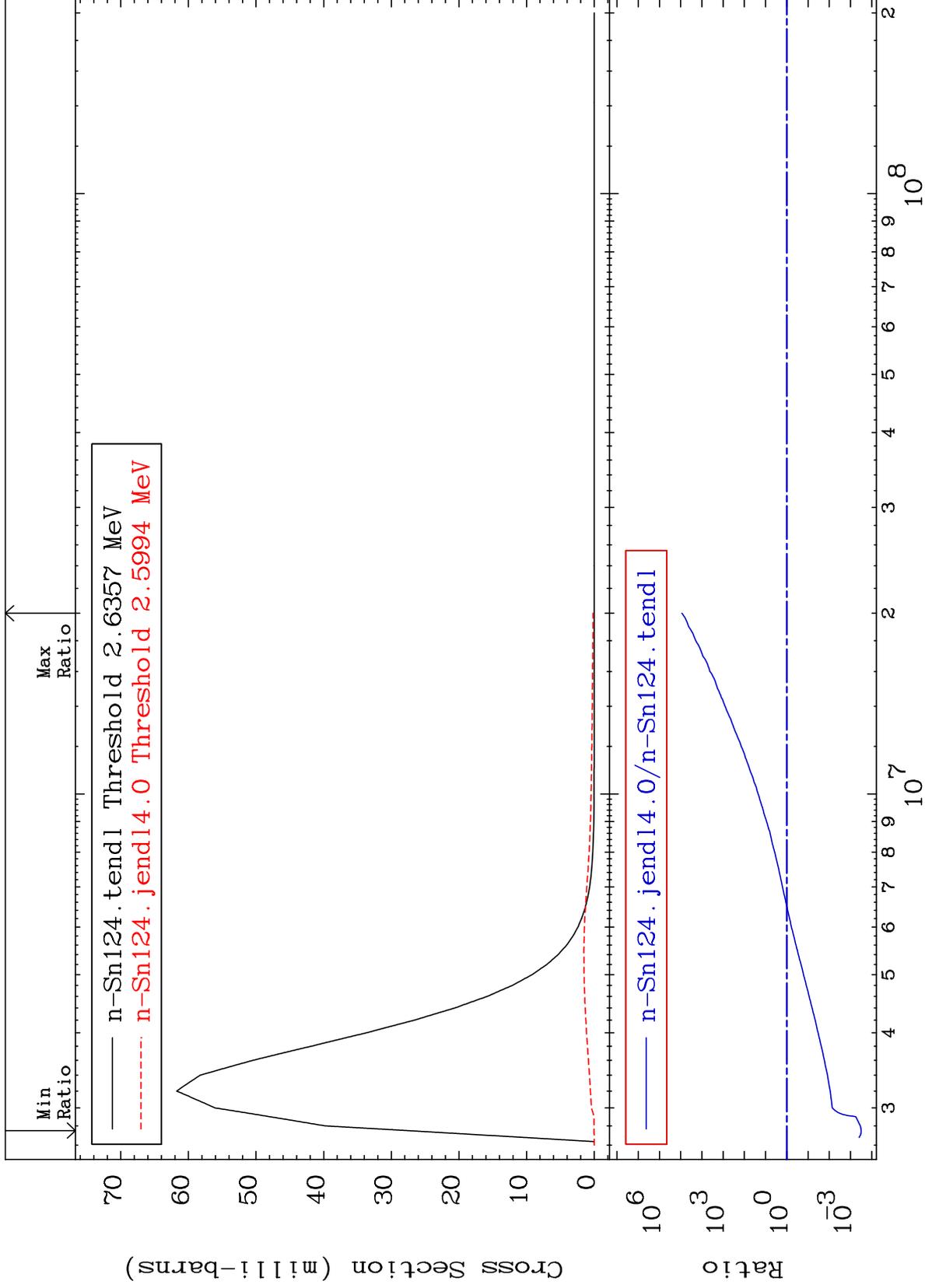
21

50-Sn-124

MAT 5061

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

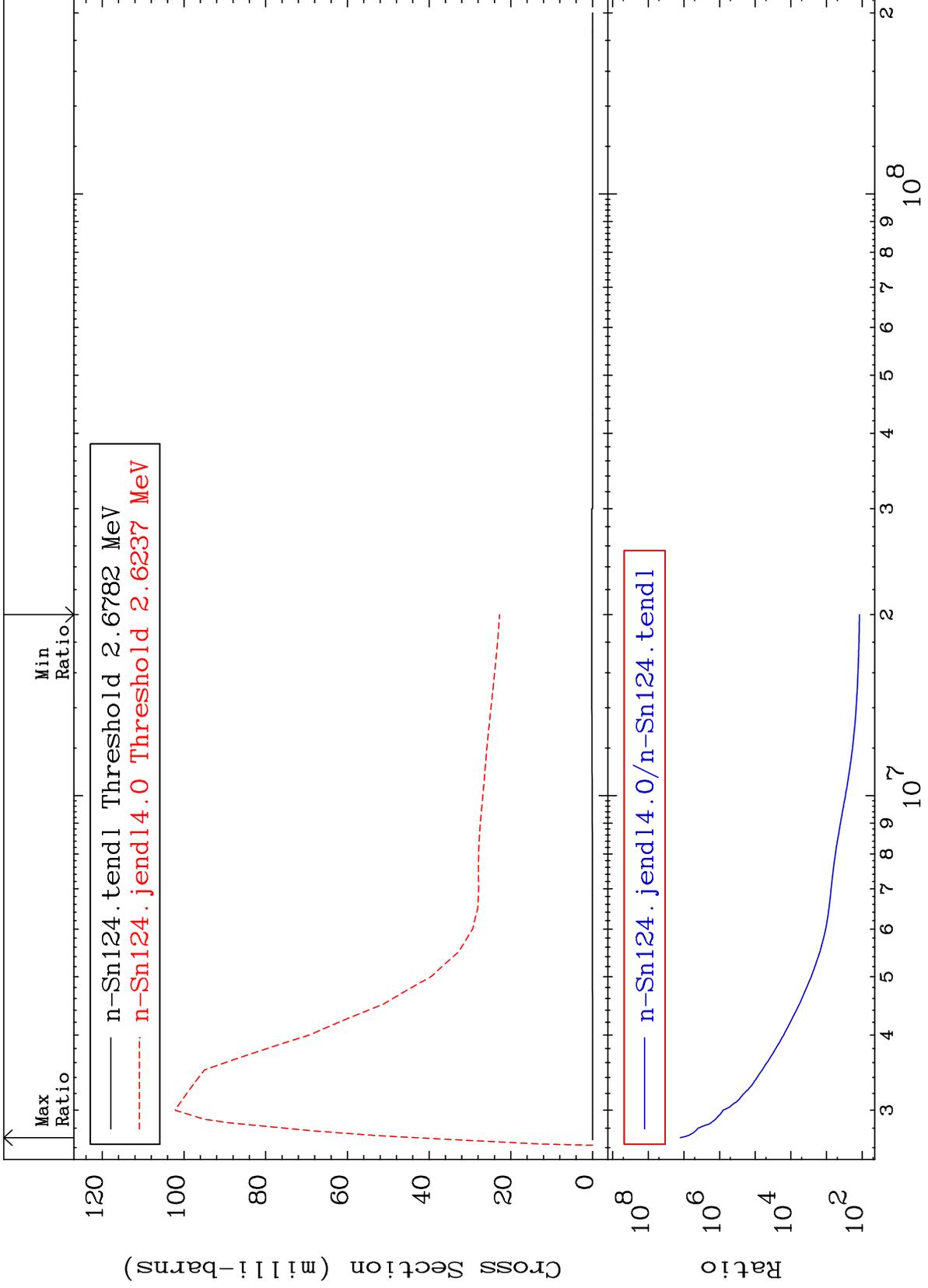
50-Sn-124
-99.97 To 9999. %



MAT 5061

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

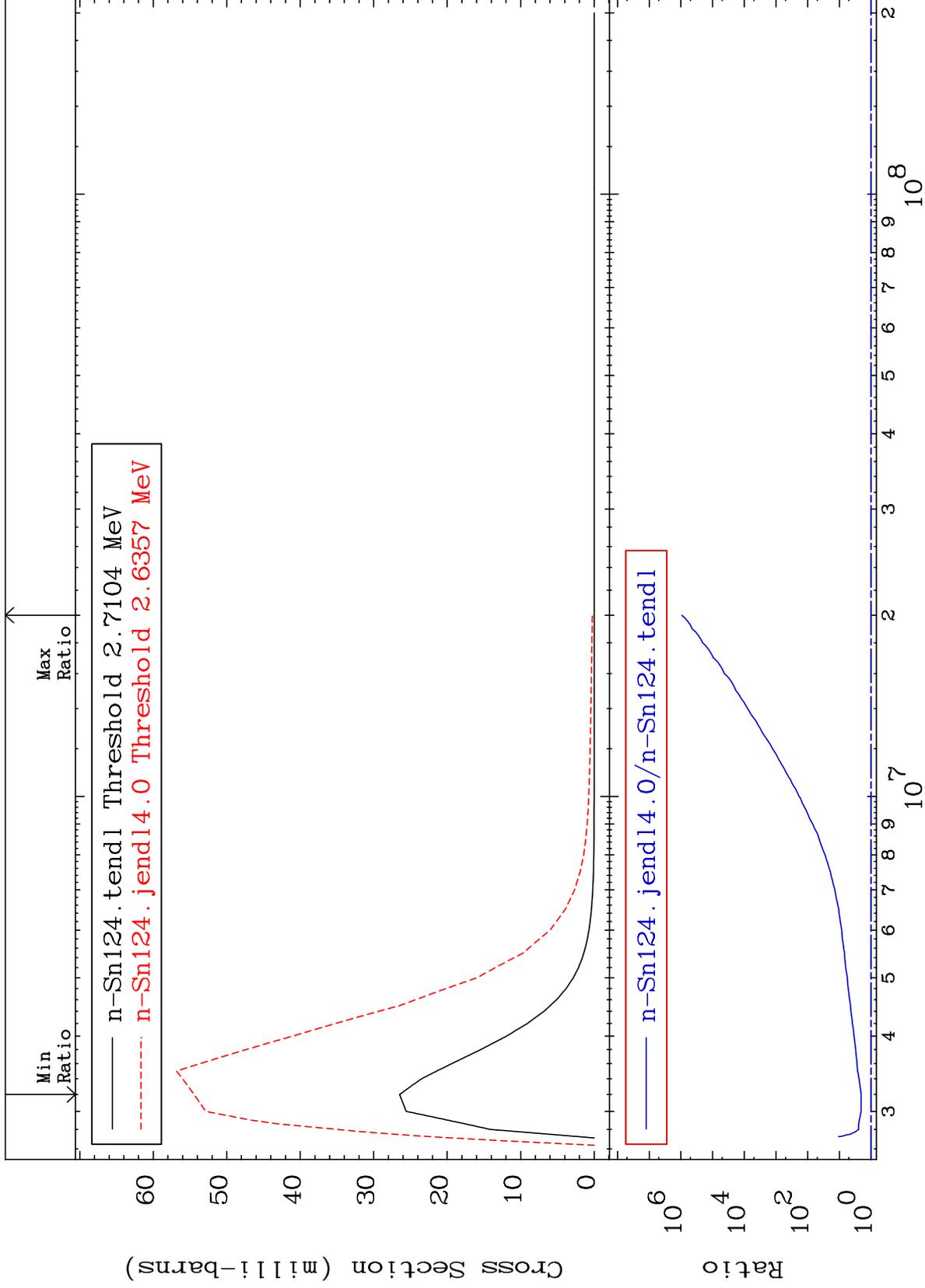
50-Sn-124
To 9999. %



MAT 5061

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

50-Sn-124
105.6 To 9999. %



24

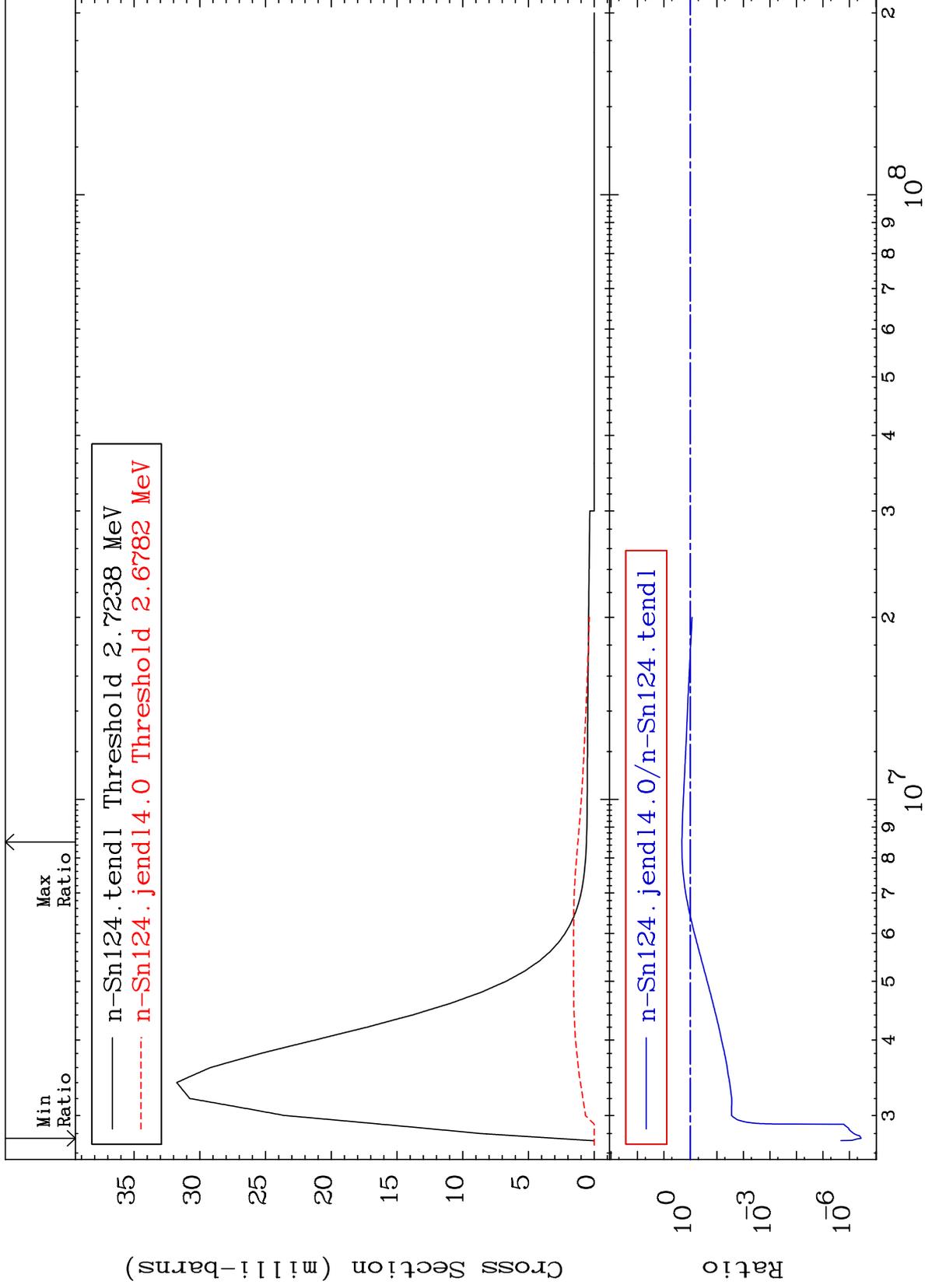
Incident Energy (eV)

50-Sn-124

MAT 5061

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

50-Sn-124
-100.0 To 110.0 %



25

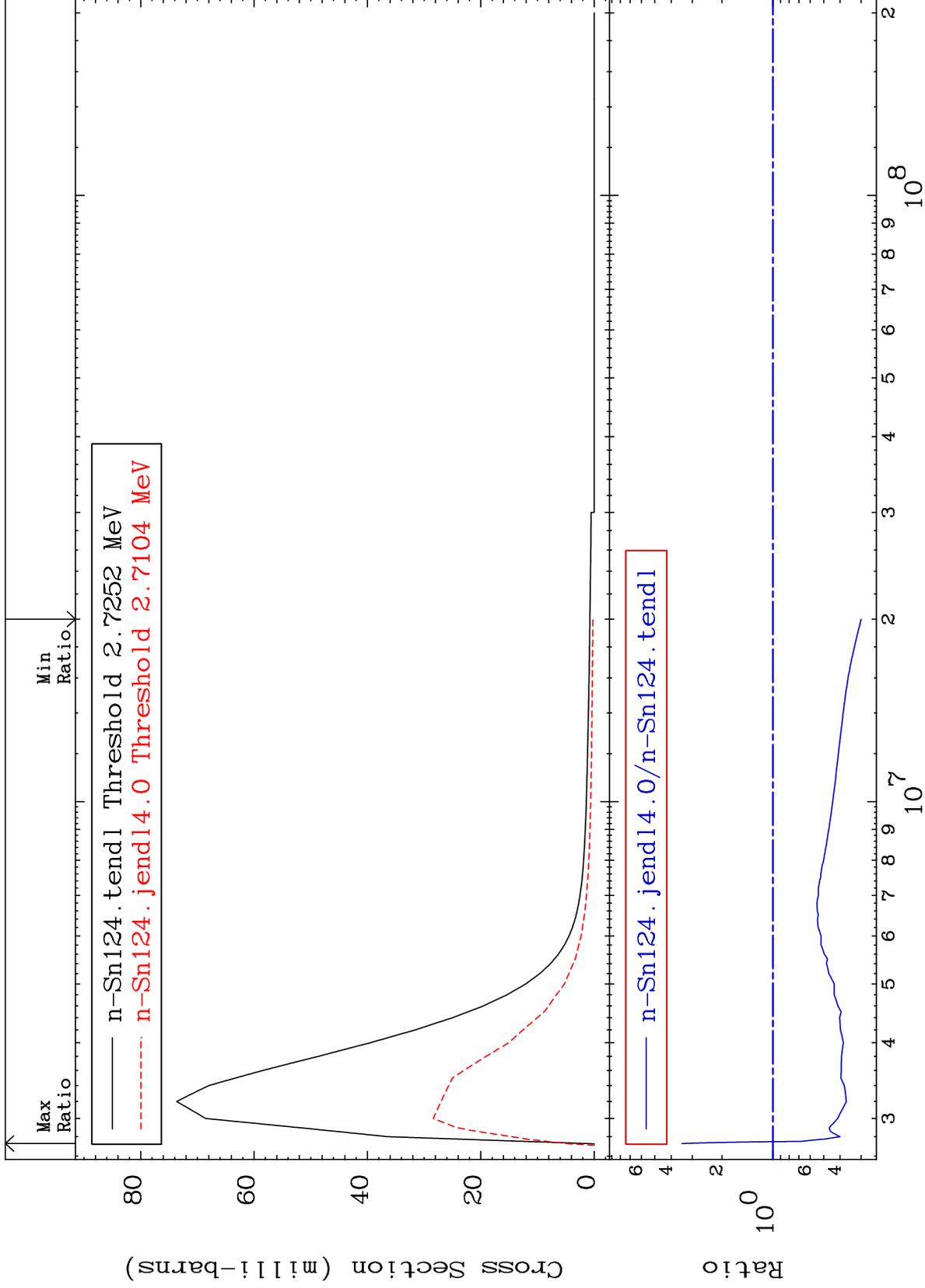
Incident Energy (eV)

50-Sn-124

MAT 5061

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

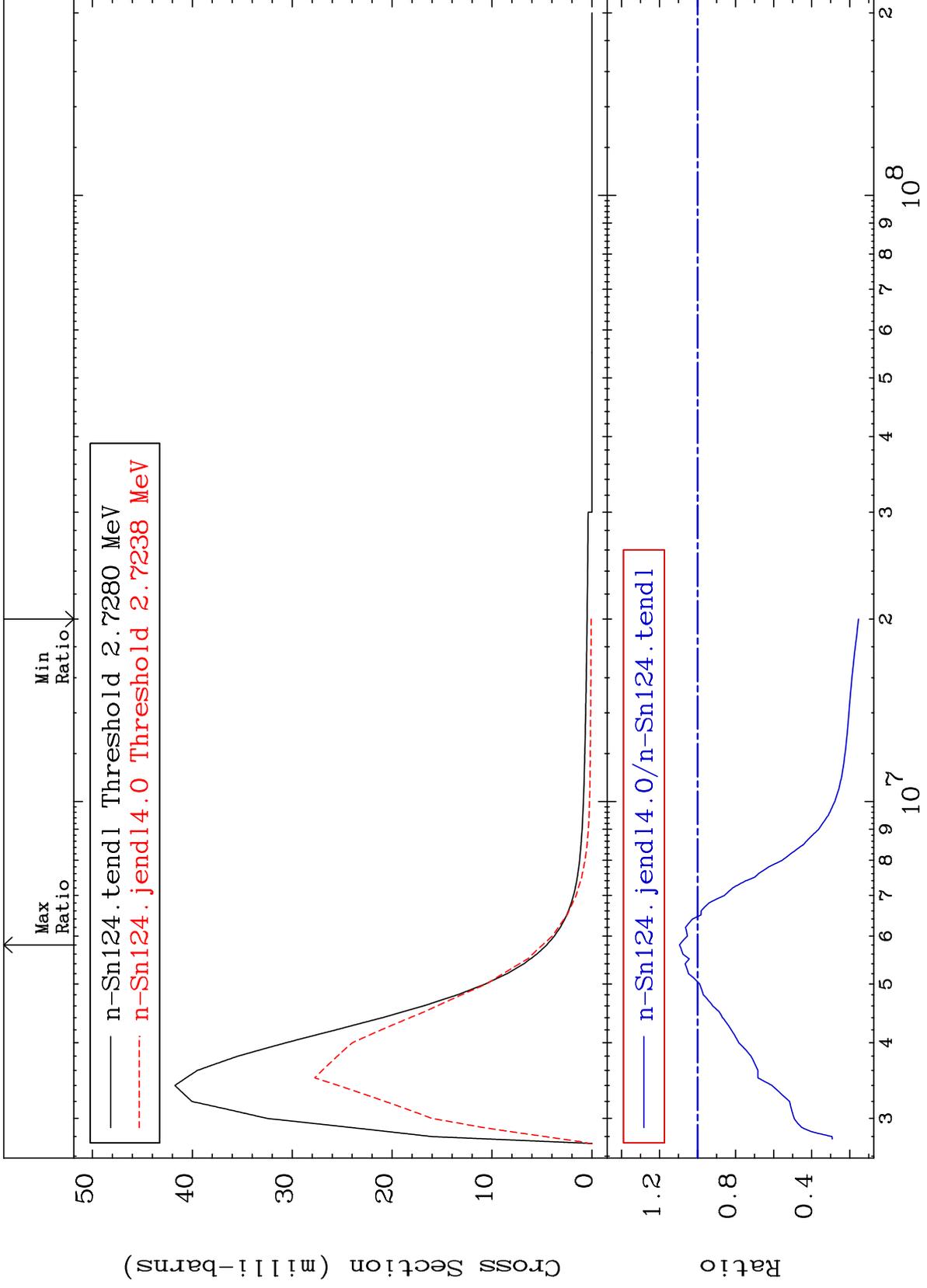
50-Sn-124
-70.00 To 245.6 %



MAT 5061

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

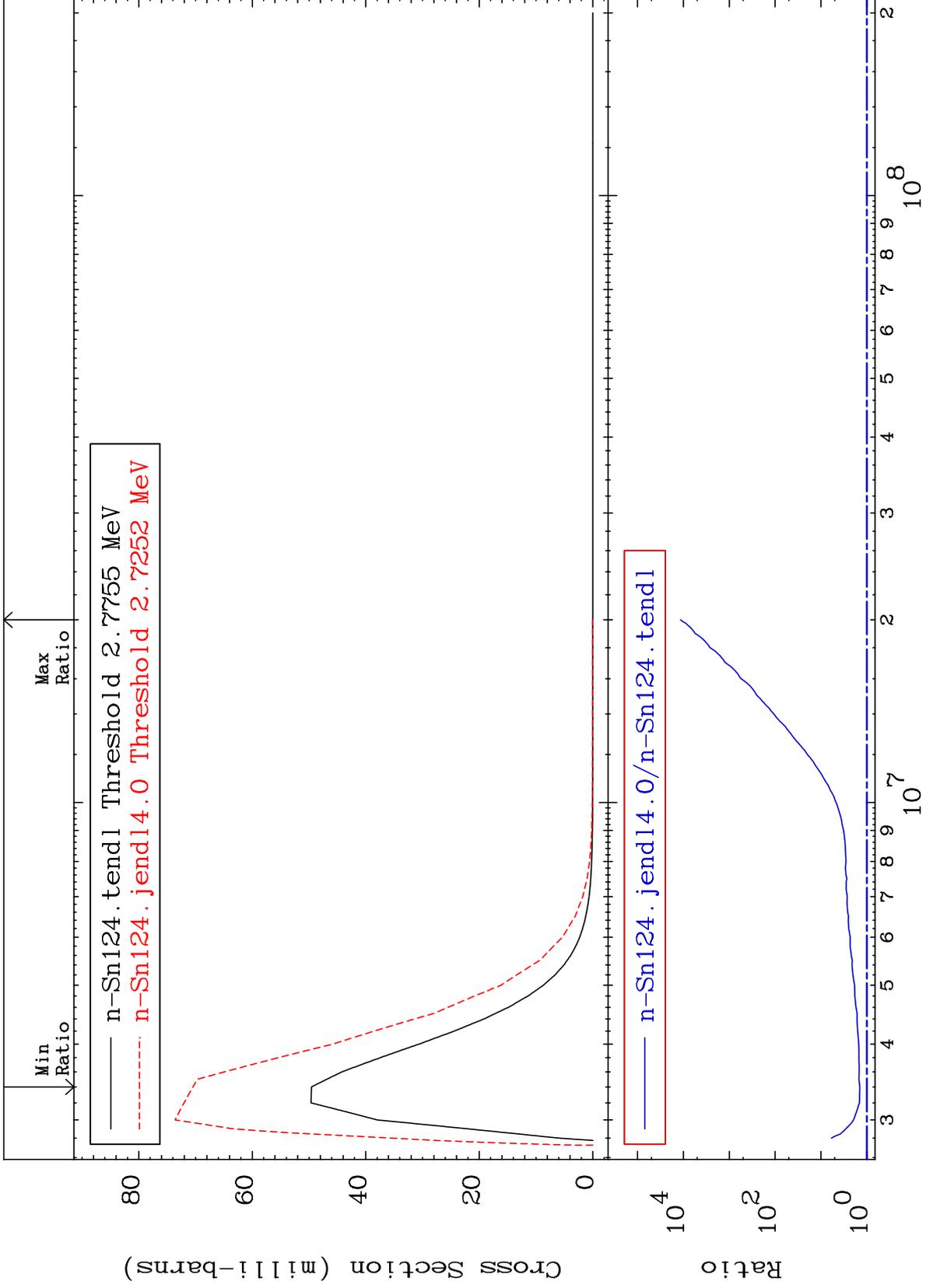
50-Sn-124
-84.65 To 9.468 %



MAT 5061

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

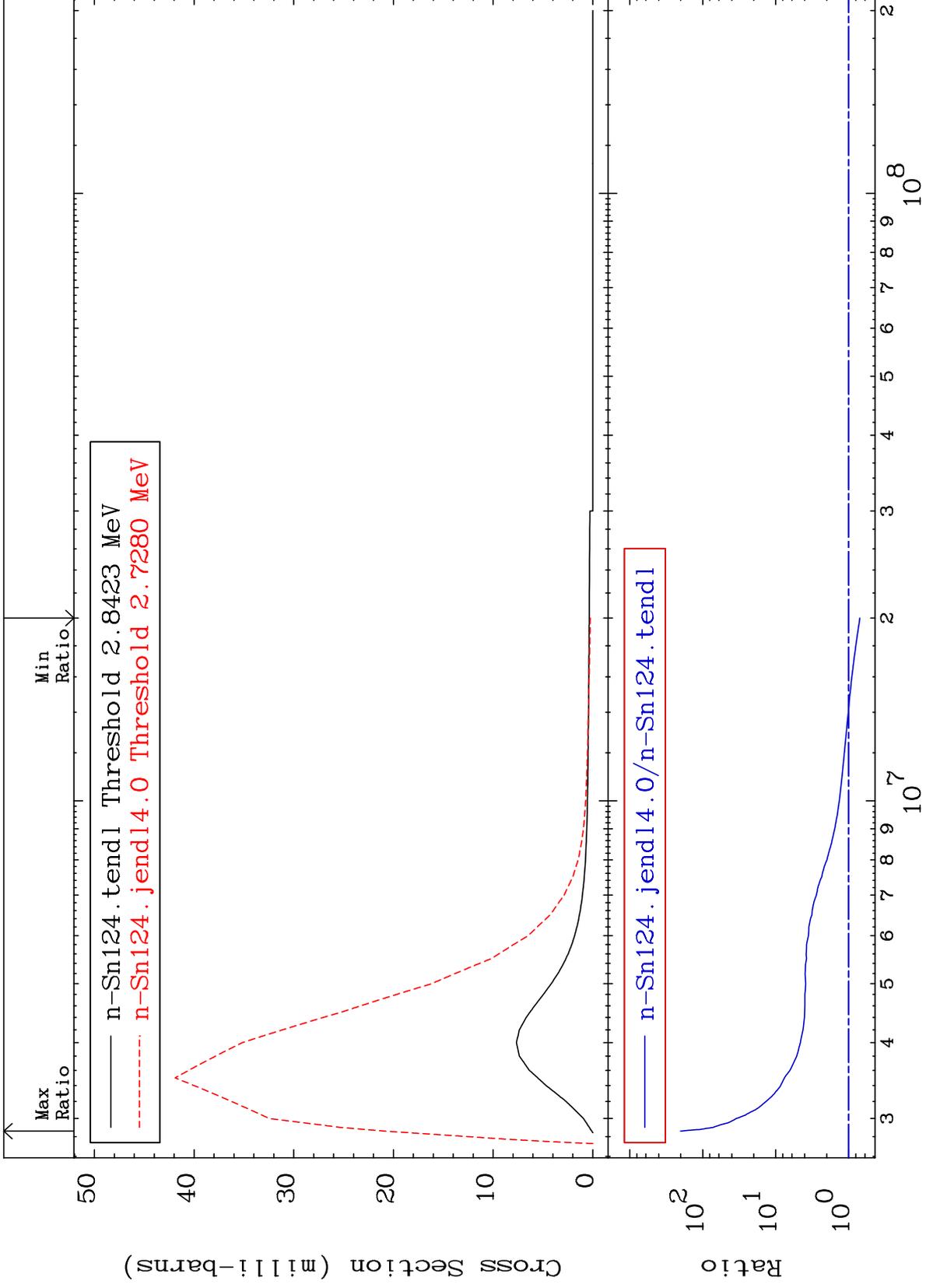
50-Sn-124
42.15 To 9999. %



MAT 5061

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

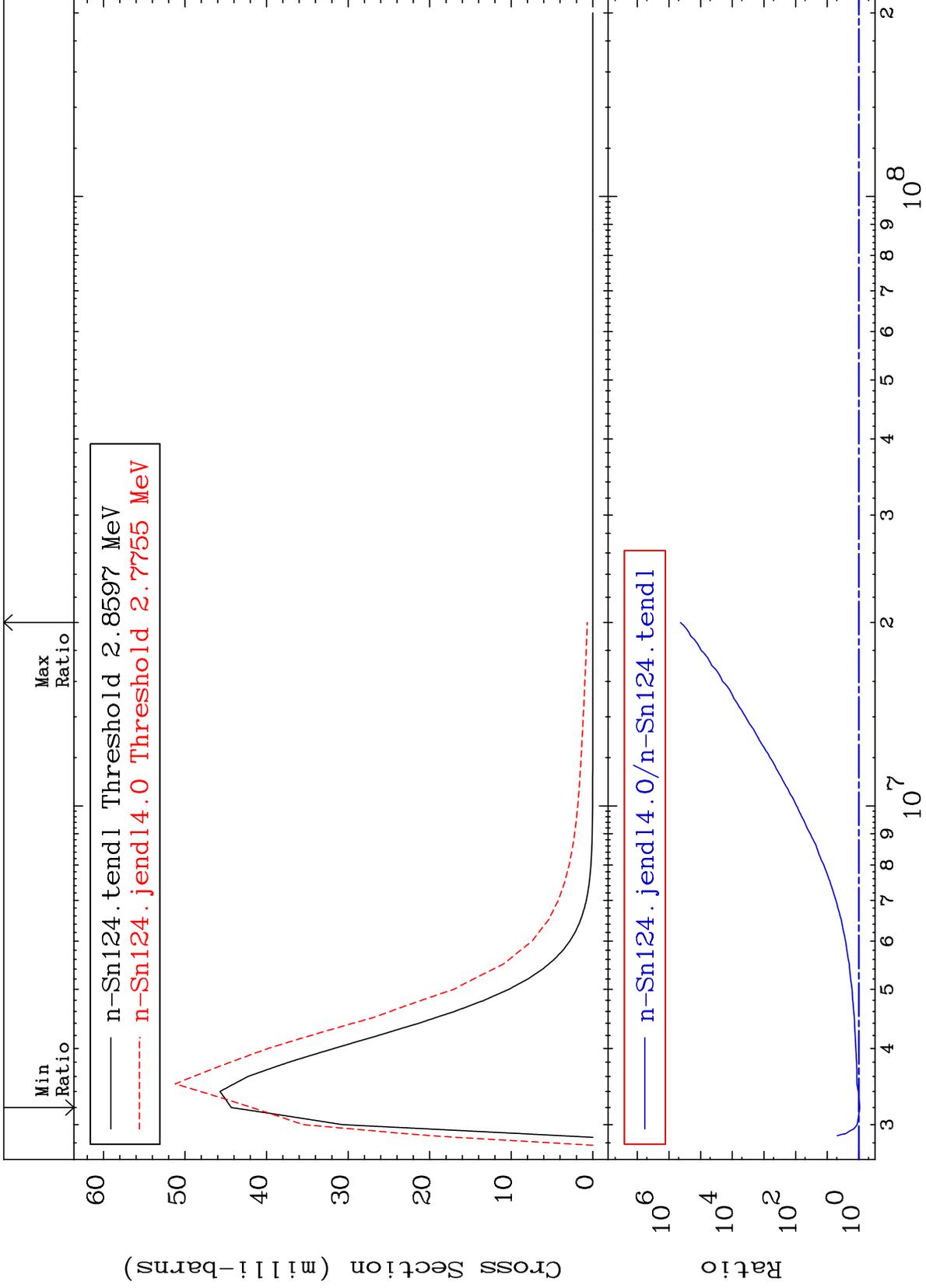
50-Sn-124
-29.45 To 9999. %



MAT 5061

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

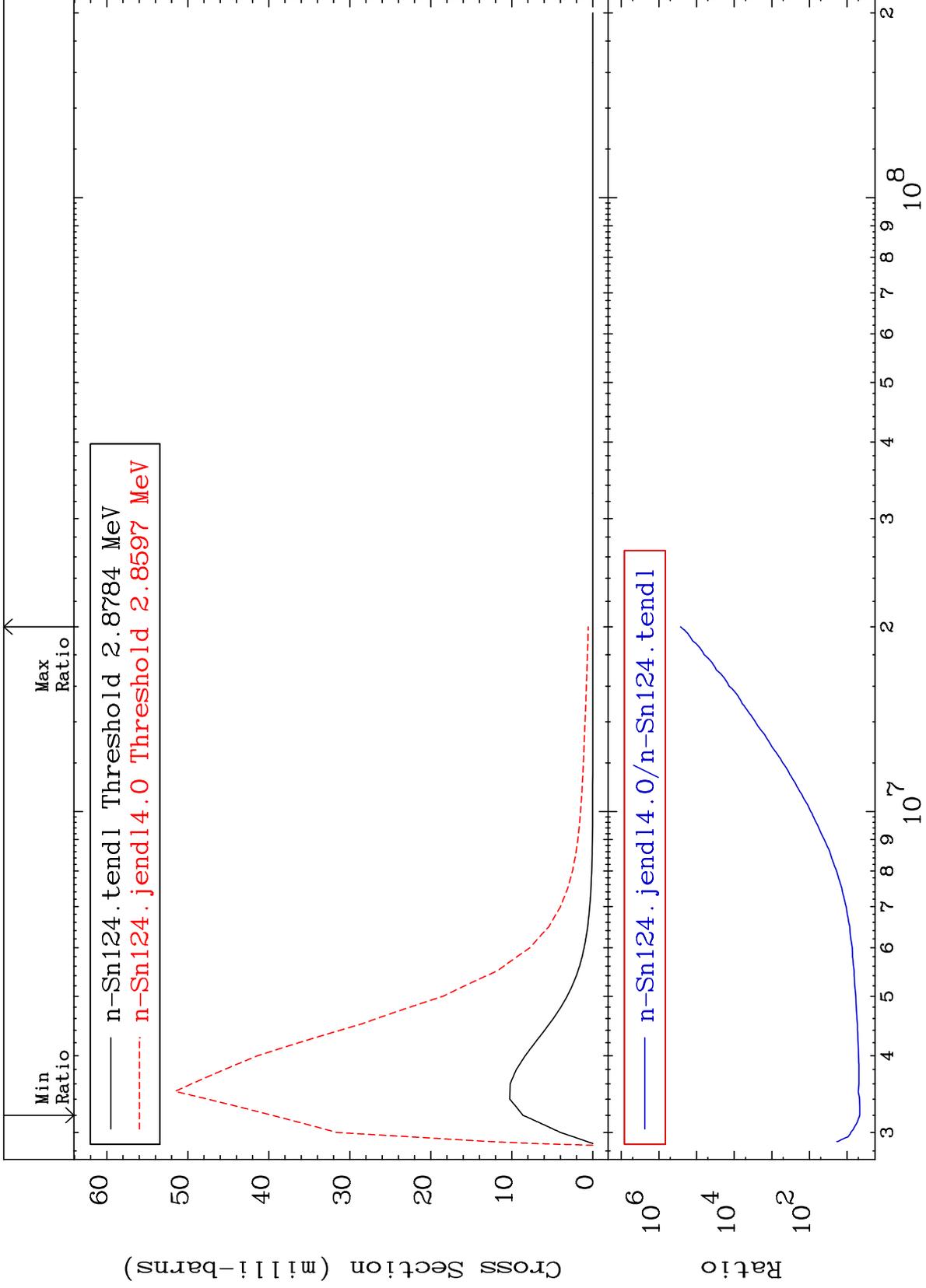
50-Sn-124
-5.695 To 9999. %



MAT 5061

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

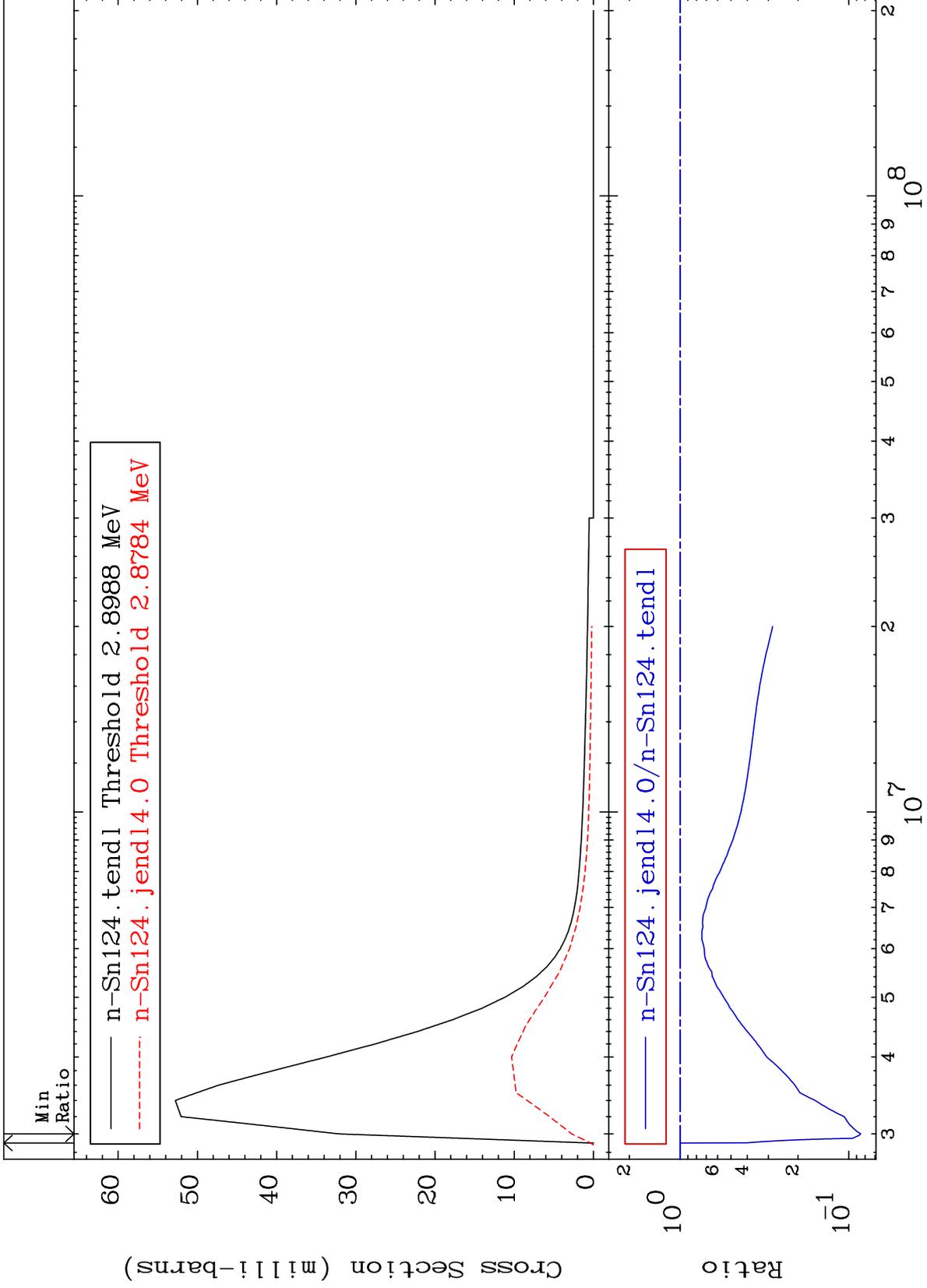
50-Sn-124
359.5 To 9999. %



MAT 5061

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

50-Sn-124
-91.50 To -1.439%



32

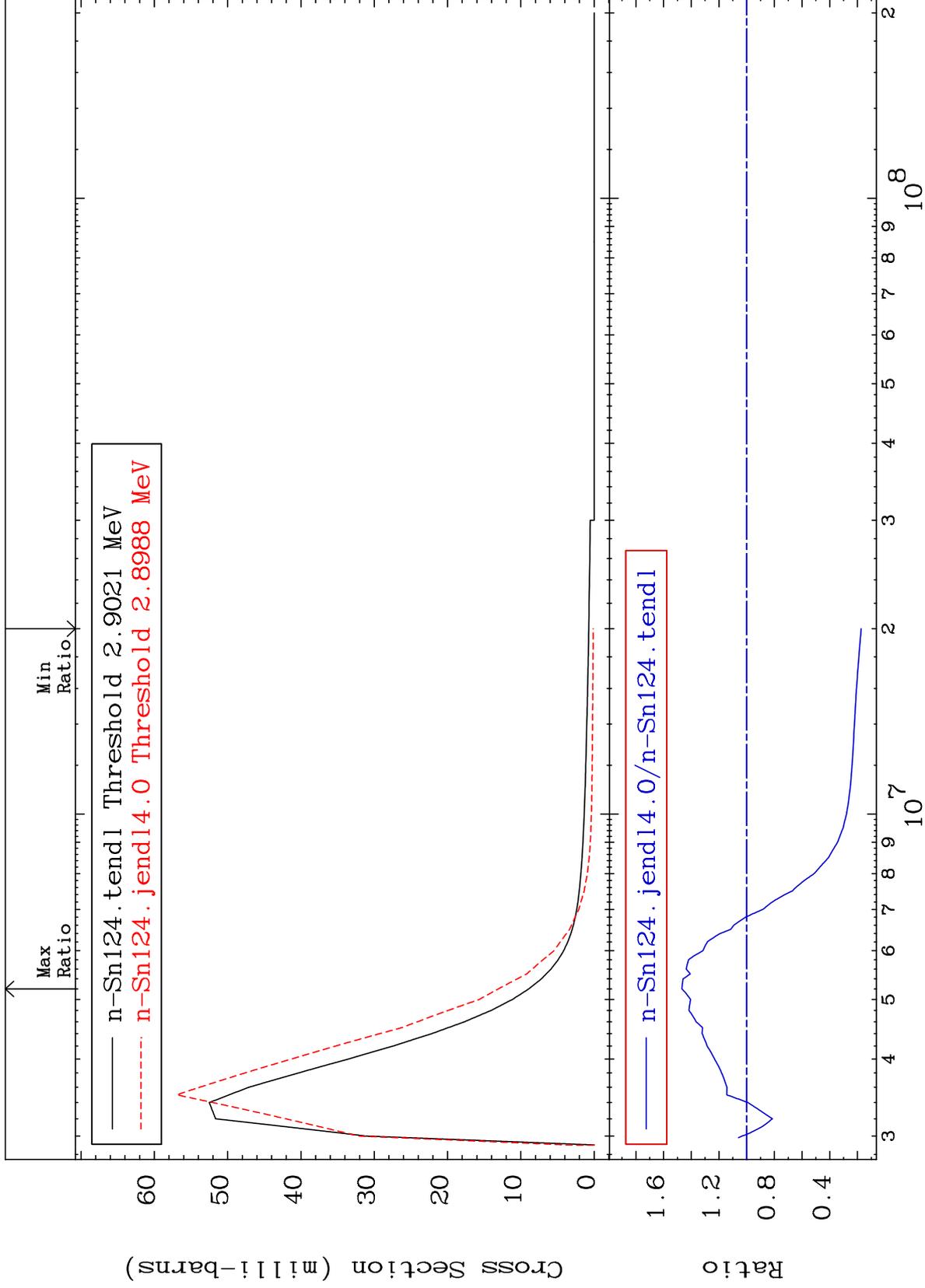
Incident Energy (eV)

50-Sn-124

MAT 5061

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

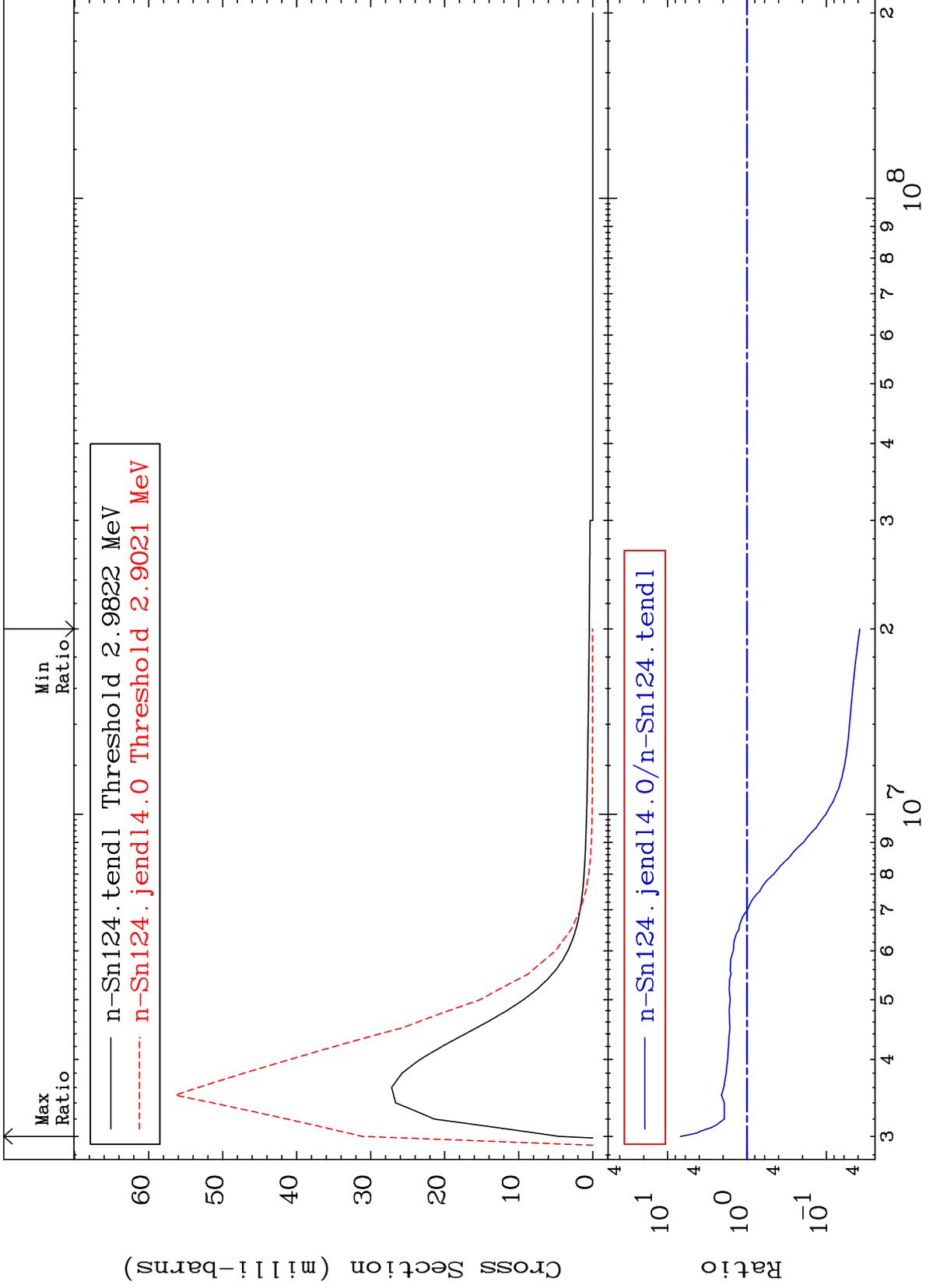
50-Sn-124
-82.65 To 46.76 %



MAT 5061

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

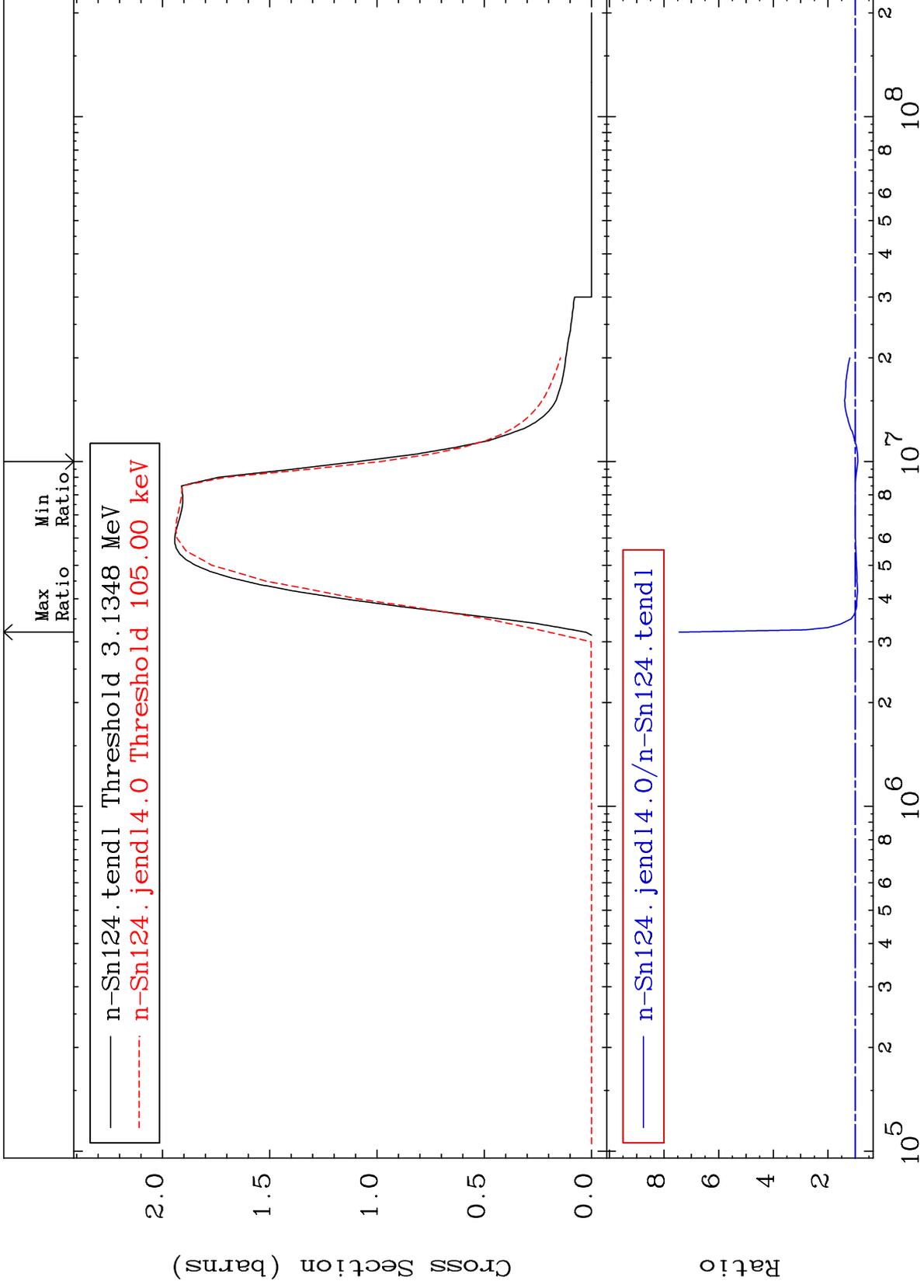
50-Sn-124
-96.19 To 586.9 %



MAT 5061

(n, n') Continuum
Cross Section

50-Sn-124
-9.706 To 645.1 %



35

Incident Energy (eV)

50-Sn-124

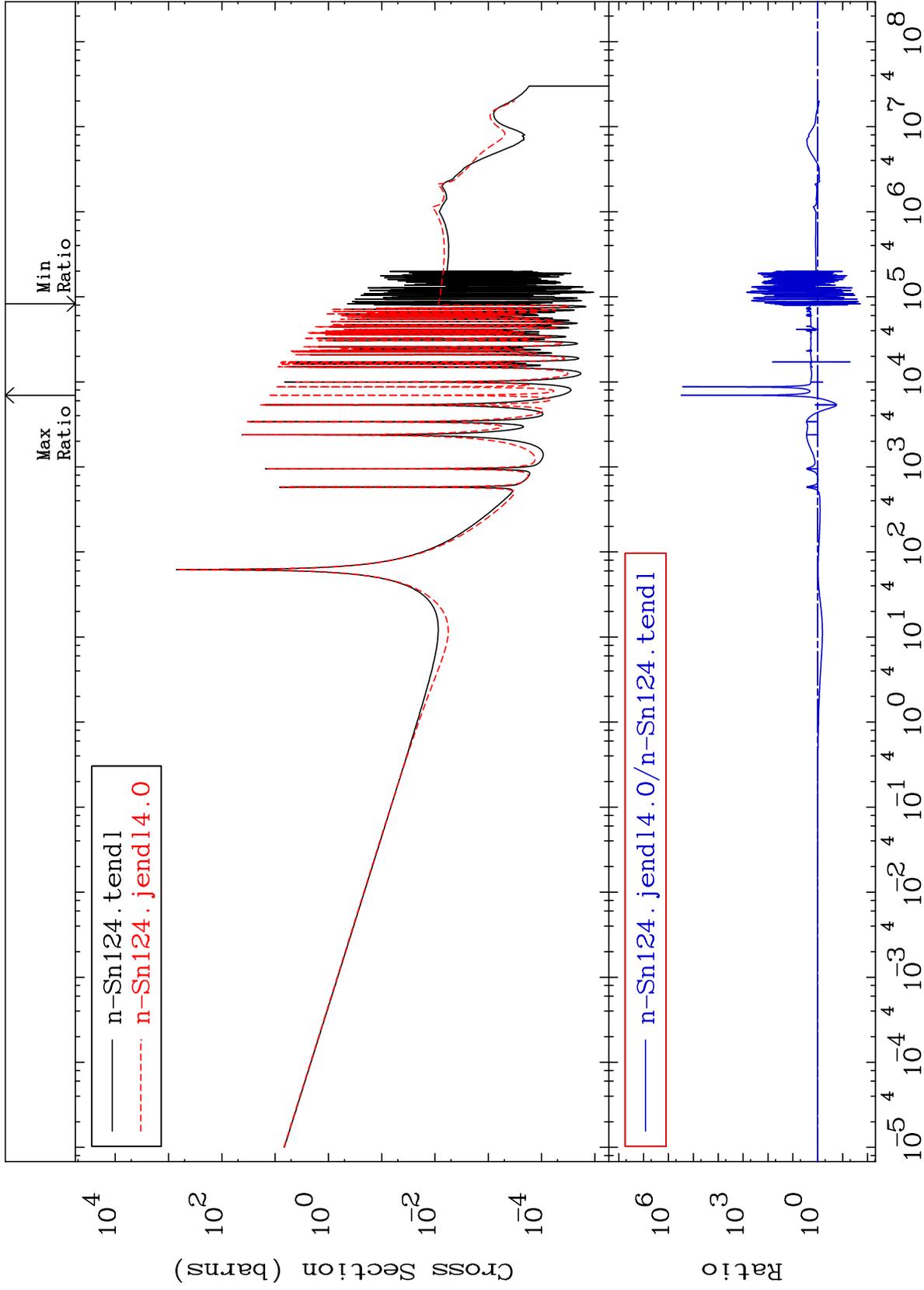
MAT 5061

(n, γ)

50-Sn-124

Cross Section

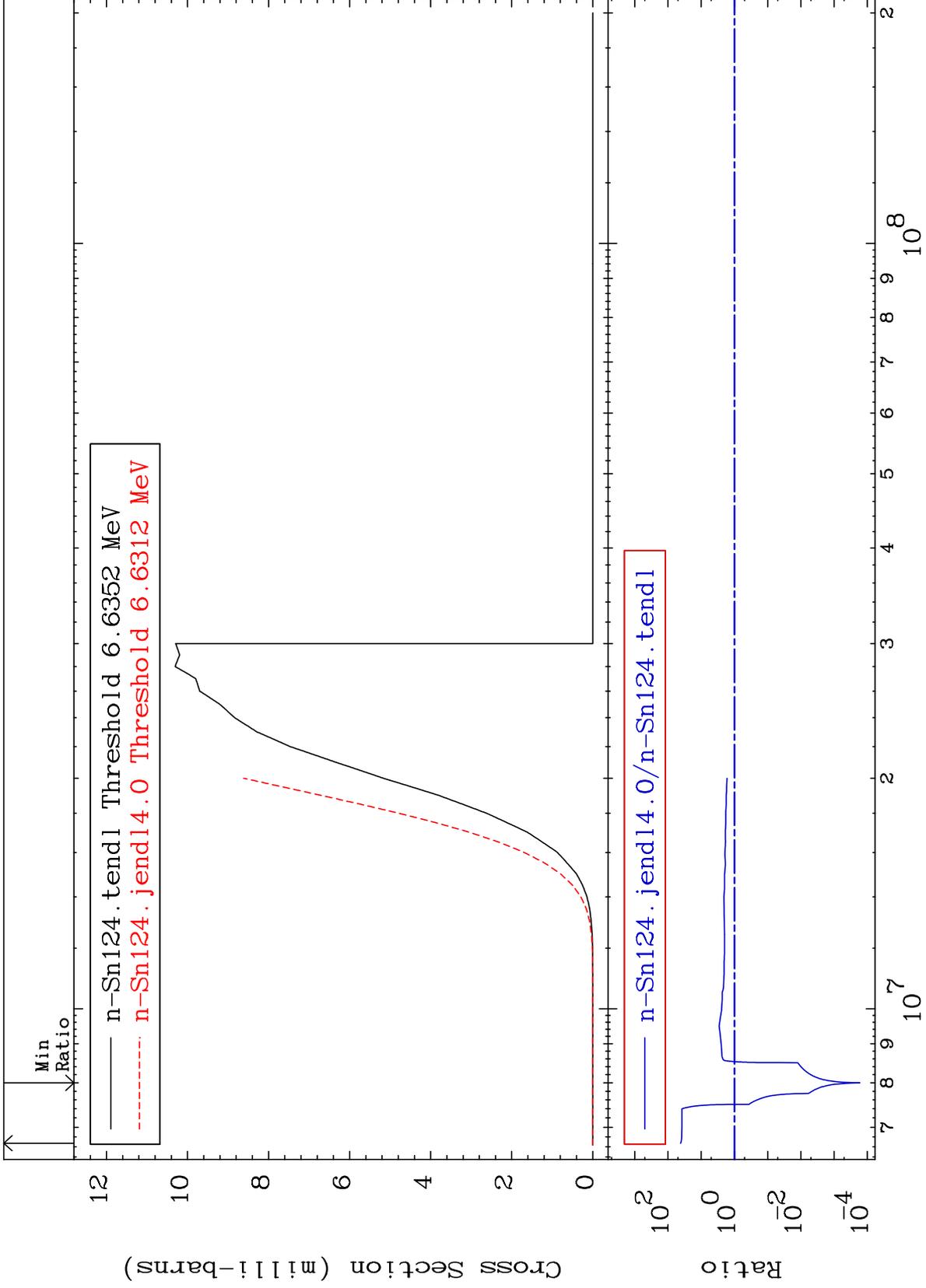
-98.04 To 9999. %



MAT 5061

(n,p)
Cross Section

50-Sn-124
-99.98 To 4101. %



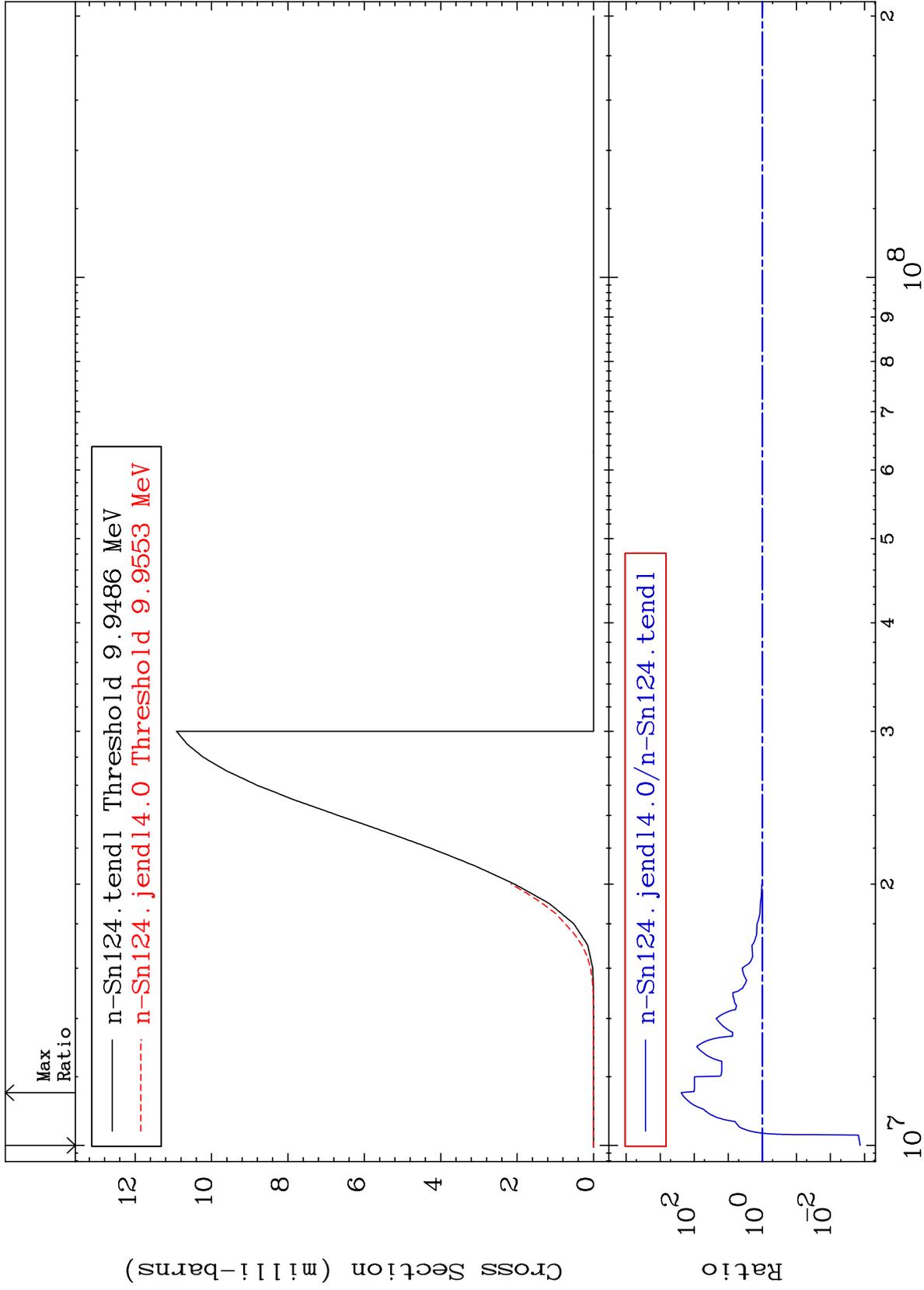
MAT 5061

(n, d)

50-Sn-124

Cross Section

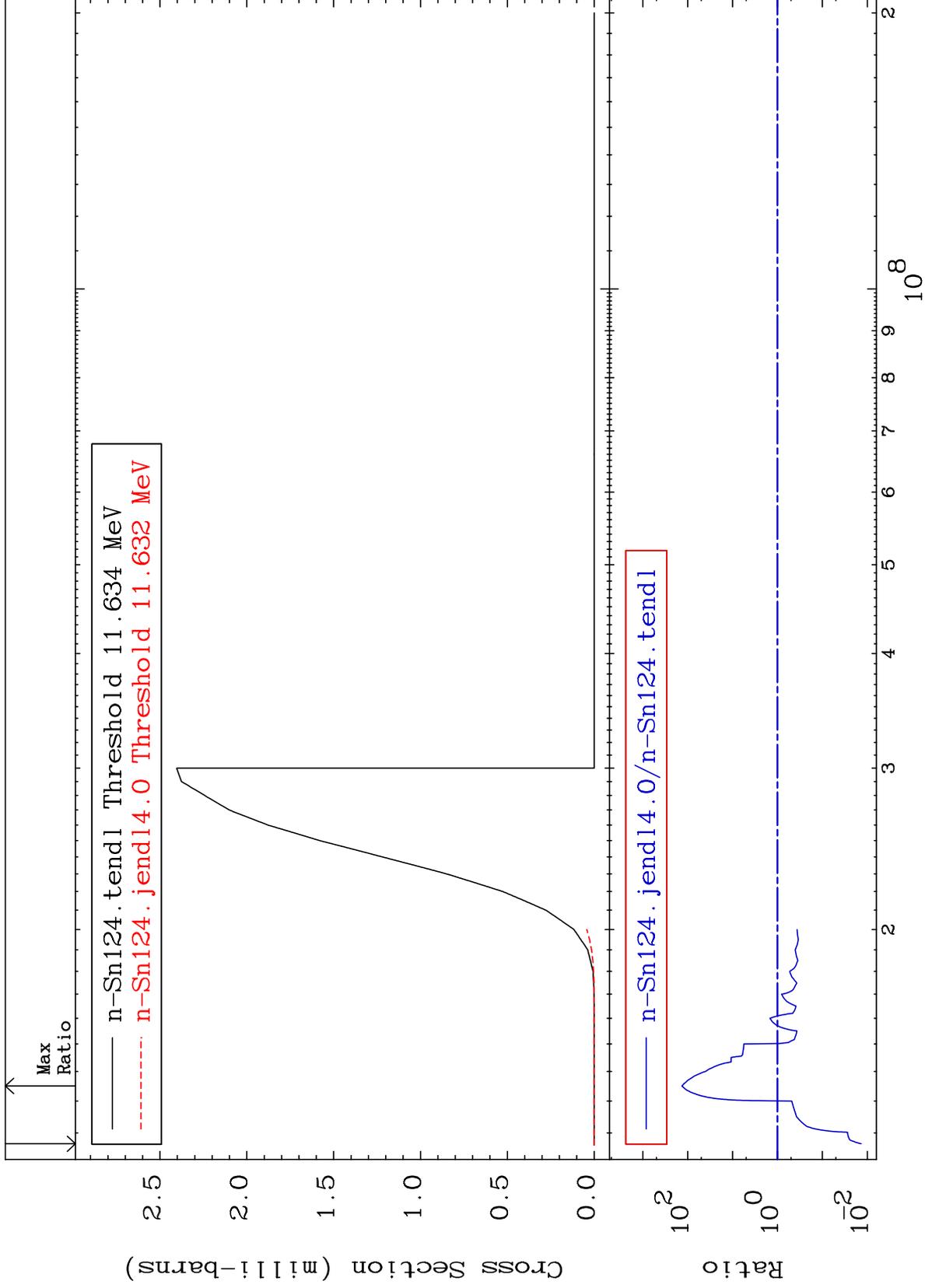
-99.87 To 9999. %



38

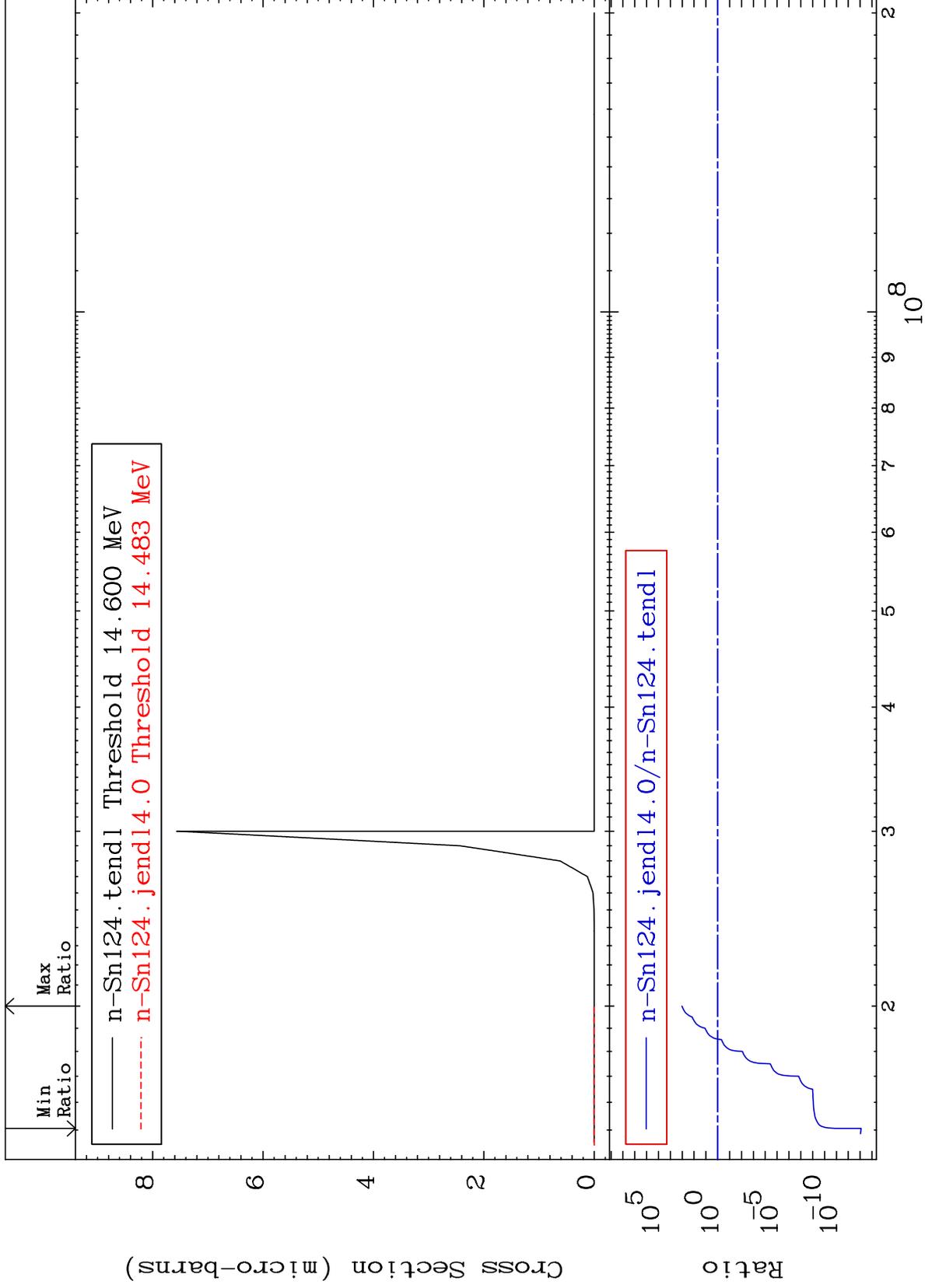
Incident Energy (eV)

50-Sn-124



Cross Section

-100.0 To 9999. %

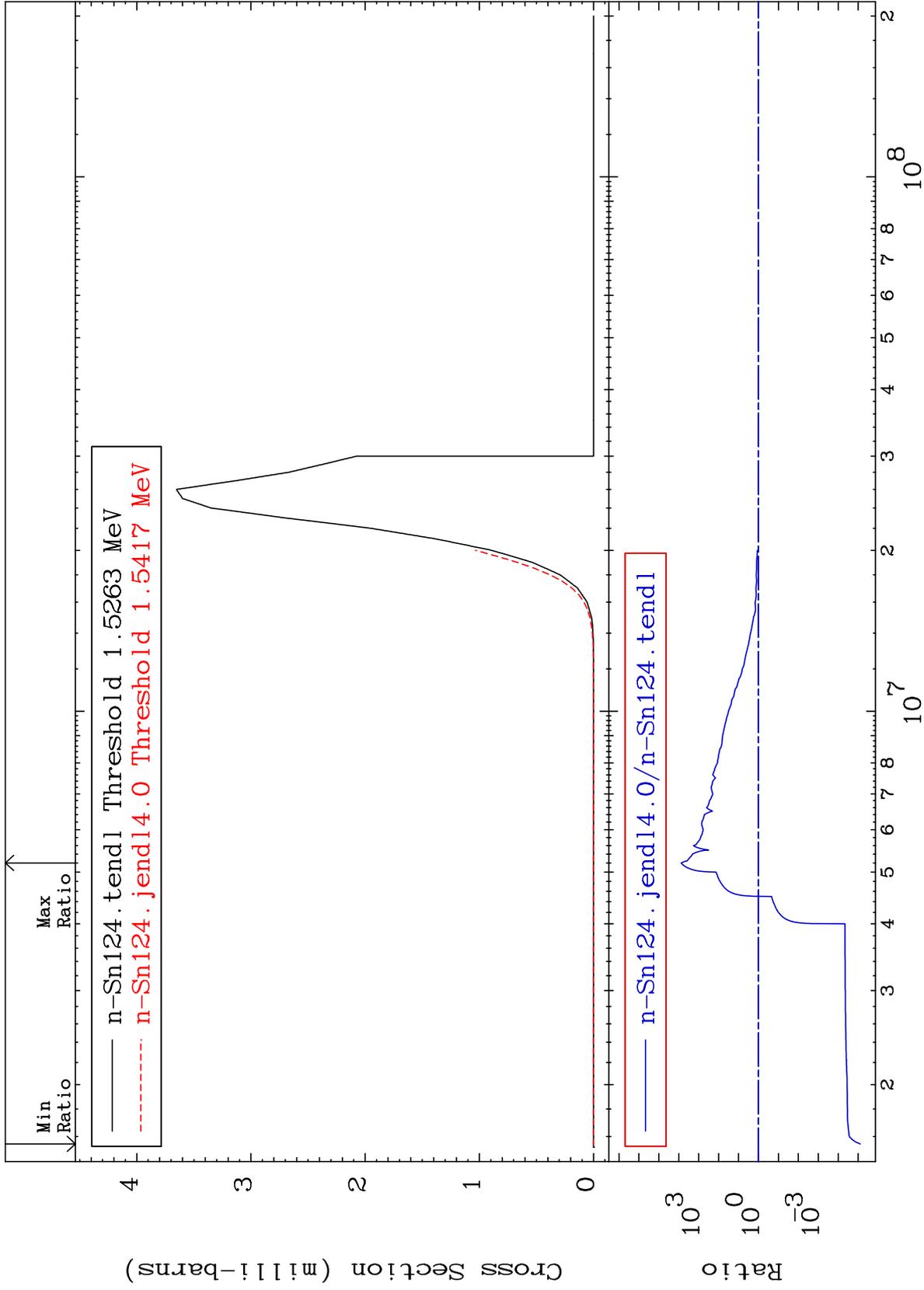


MAT 5061

50-Sn-124

(n, α)
Cross Section

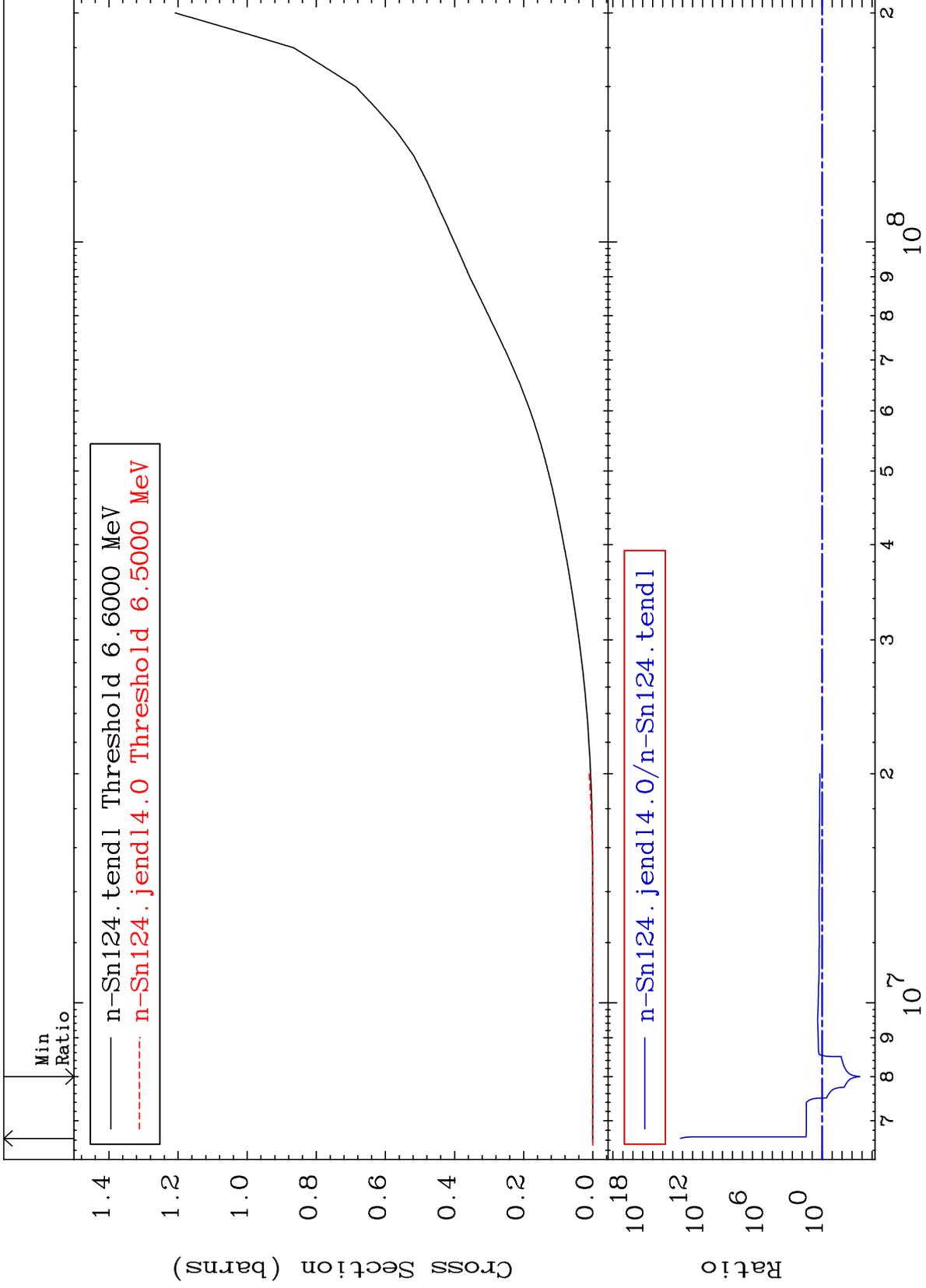
-100.0 To 9999. %



MAT 5061

Hydrogen Production
Cross Section

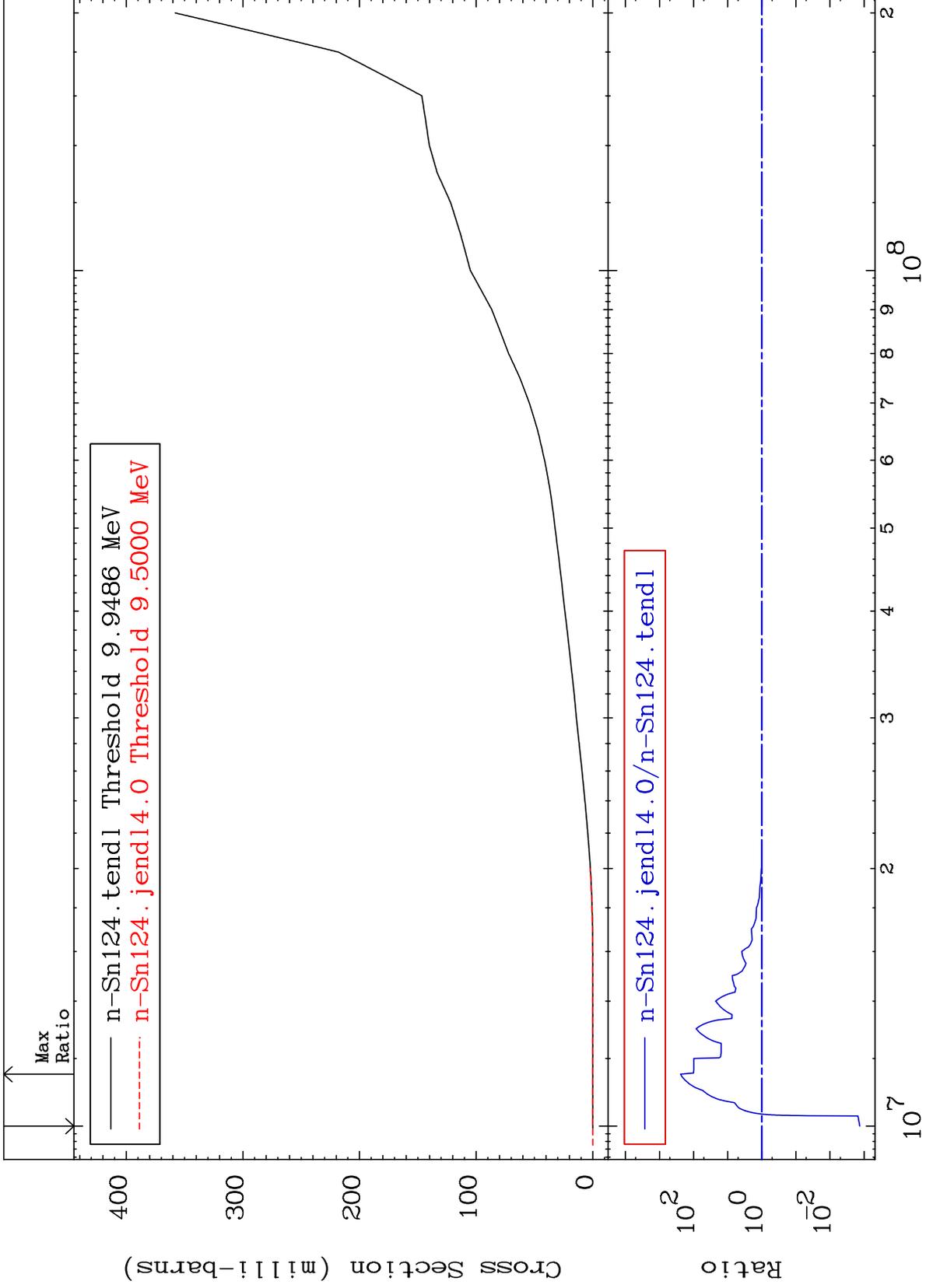
50-Sn-124
-99.98 To 9999. %



MAT 5061

Deuterium Production
Cross Section

50-Sn-124
-99.87 To 9999. %



43

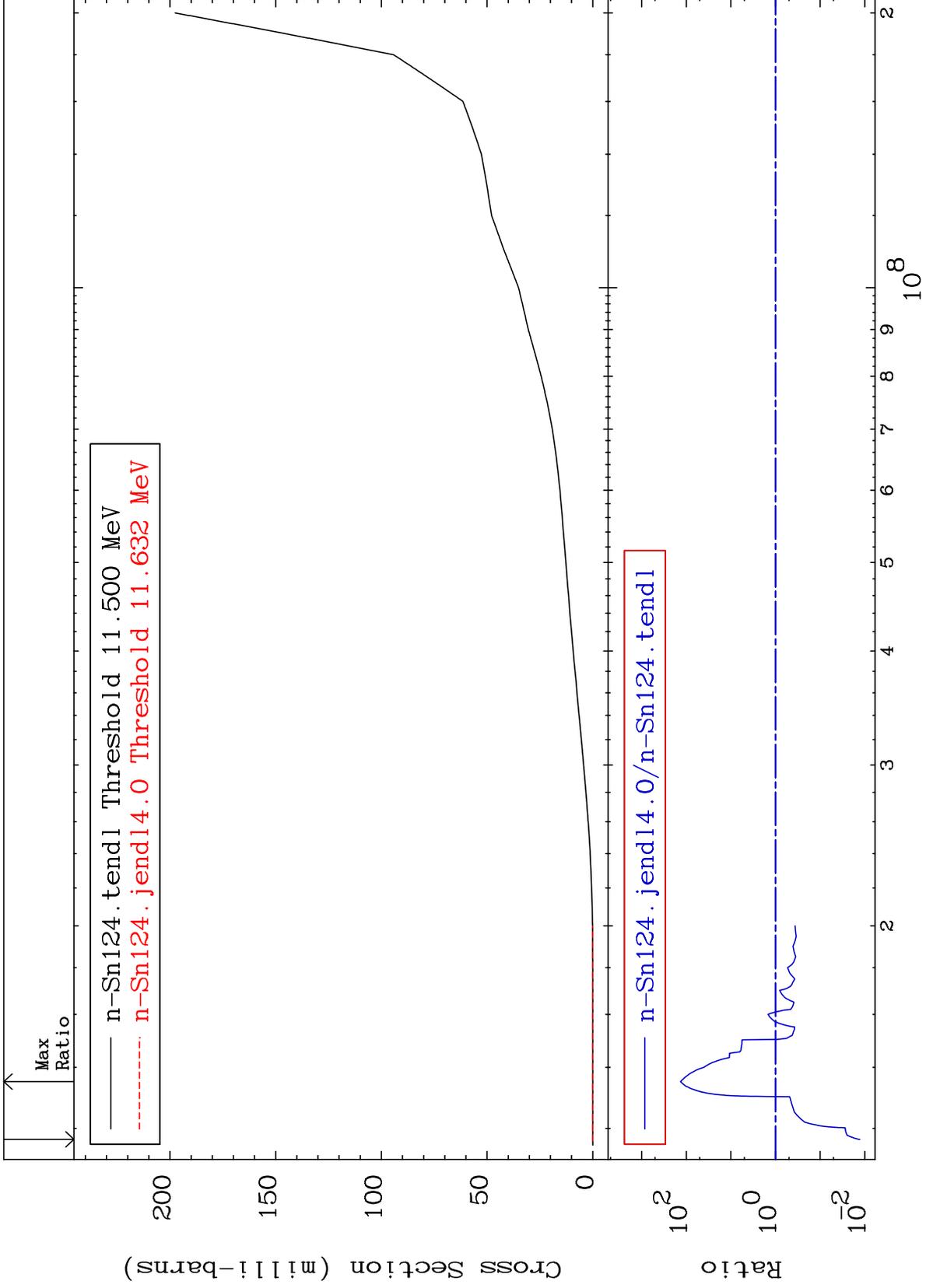
Incident Energy (eV)

50-Sn-124

MAT 5061

Tritium Production
Cross Section

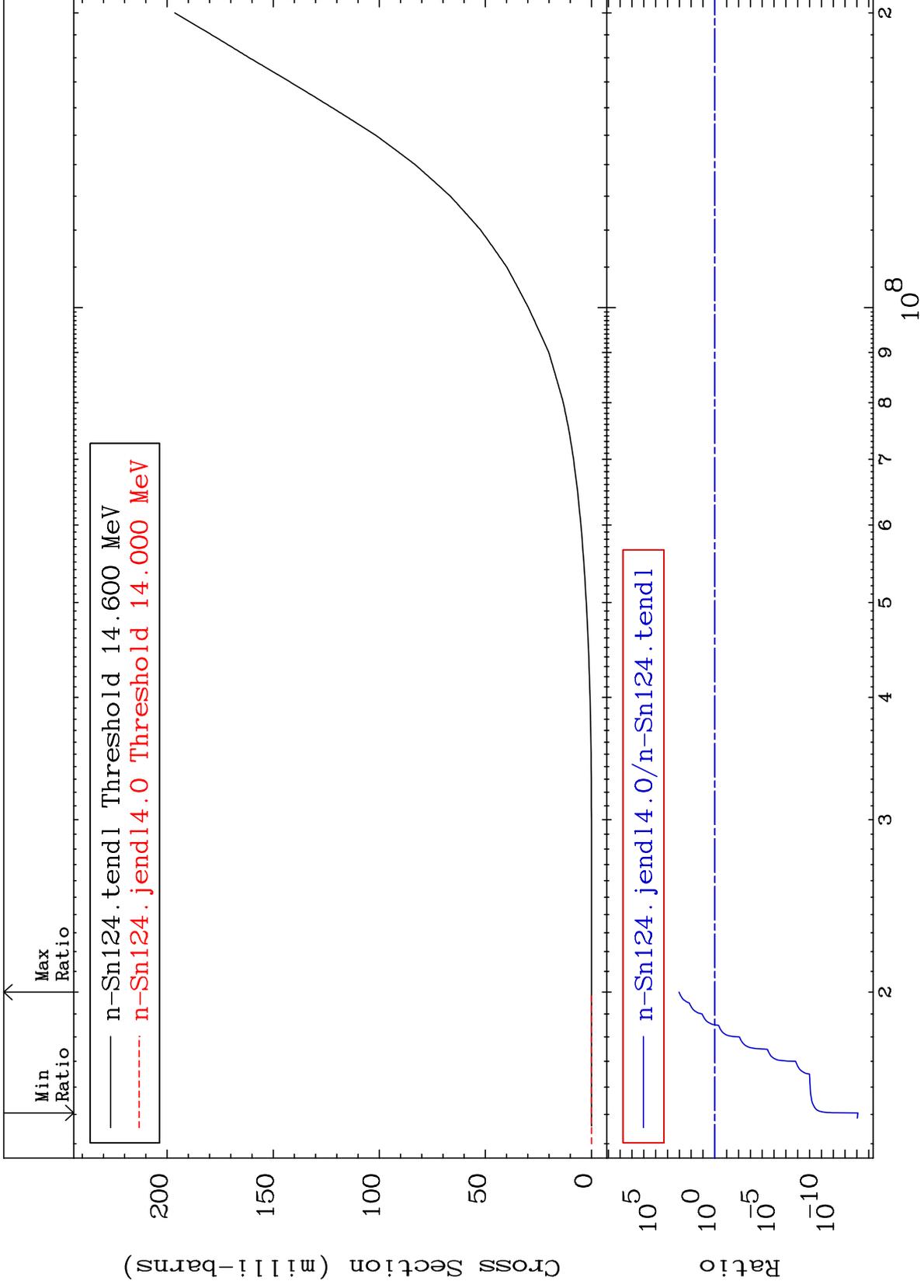
50-Sn-124
-98.71 To 9999. %



MAT 5061

He-3 Production
Cross Section

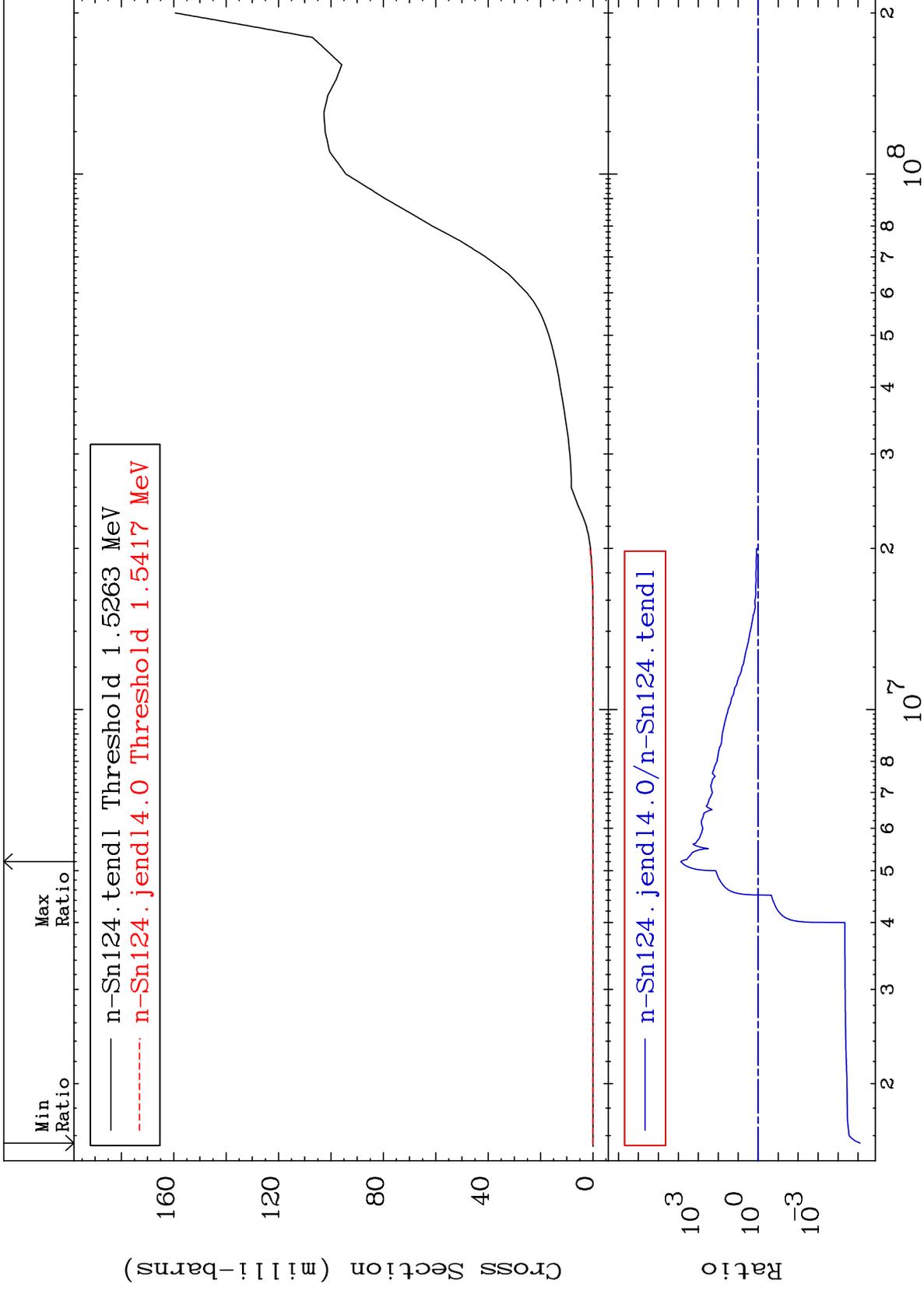
50-Sn-124
-100.0 To 9999. %



MAT 5061

He-4 Production
Cross Section

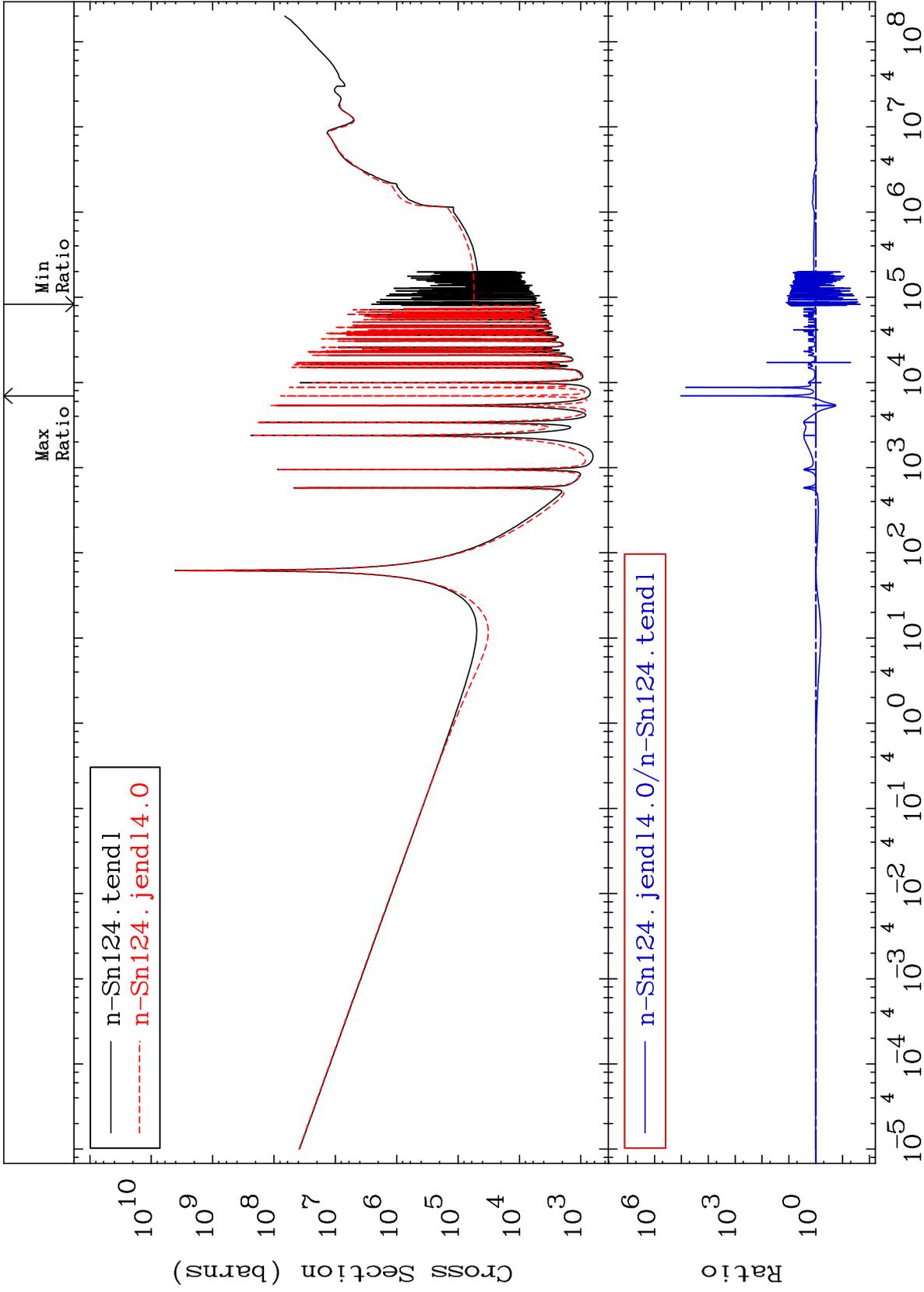
50-Sn-124
-100.0 To 9999. %



MAT 5061

Kerma total (eV-barns)
Cross Section

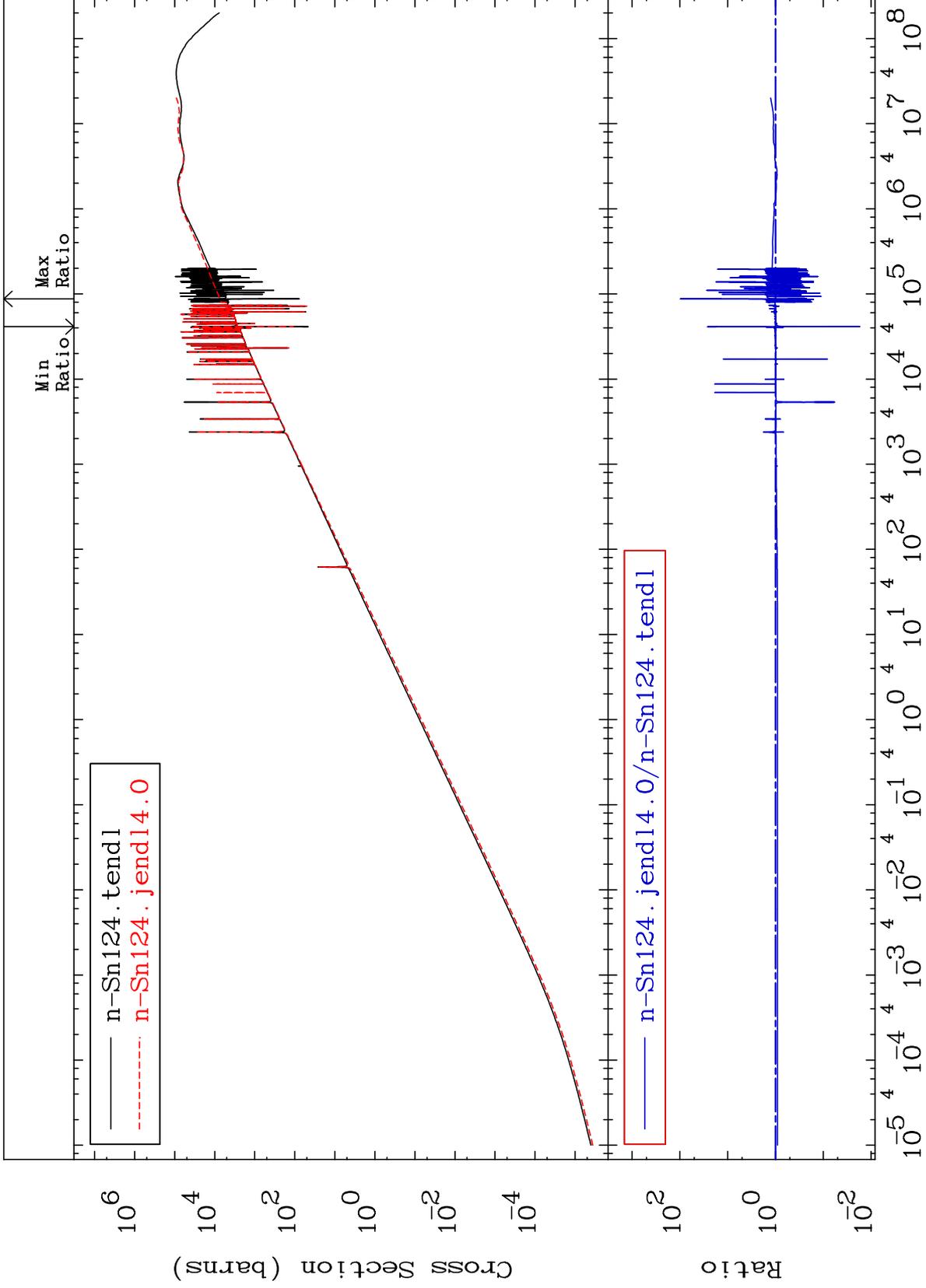
50-Sn-124
-97.77 To 9999. %

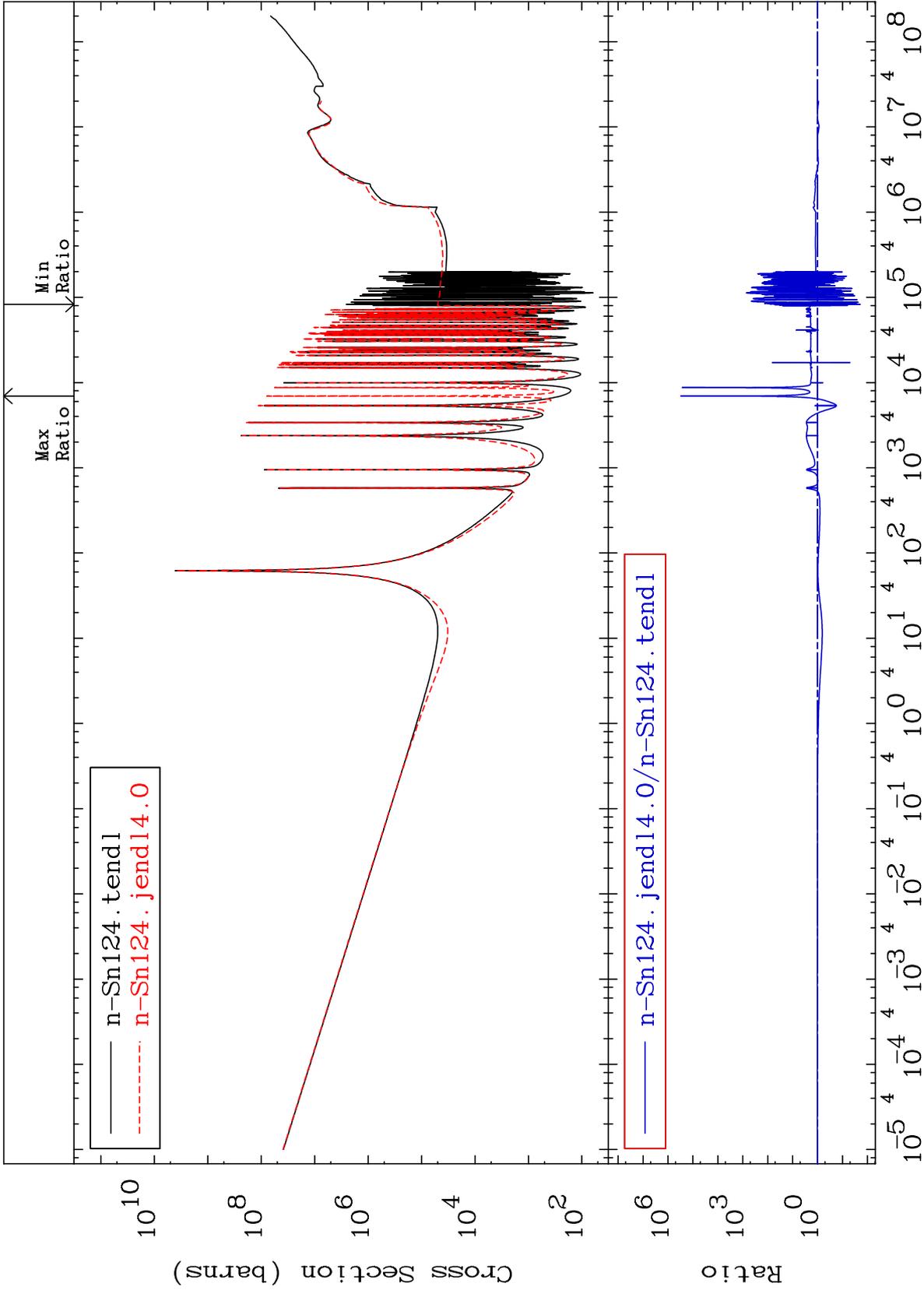


MAT 5061

Kerma elastic
Cross Section

50-Sn-124
-98.29 To 9543. %

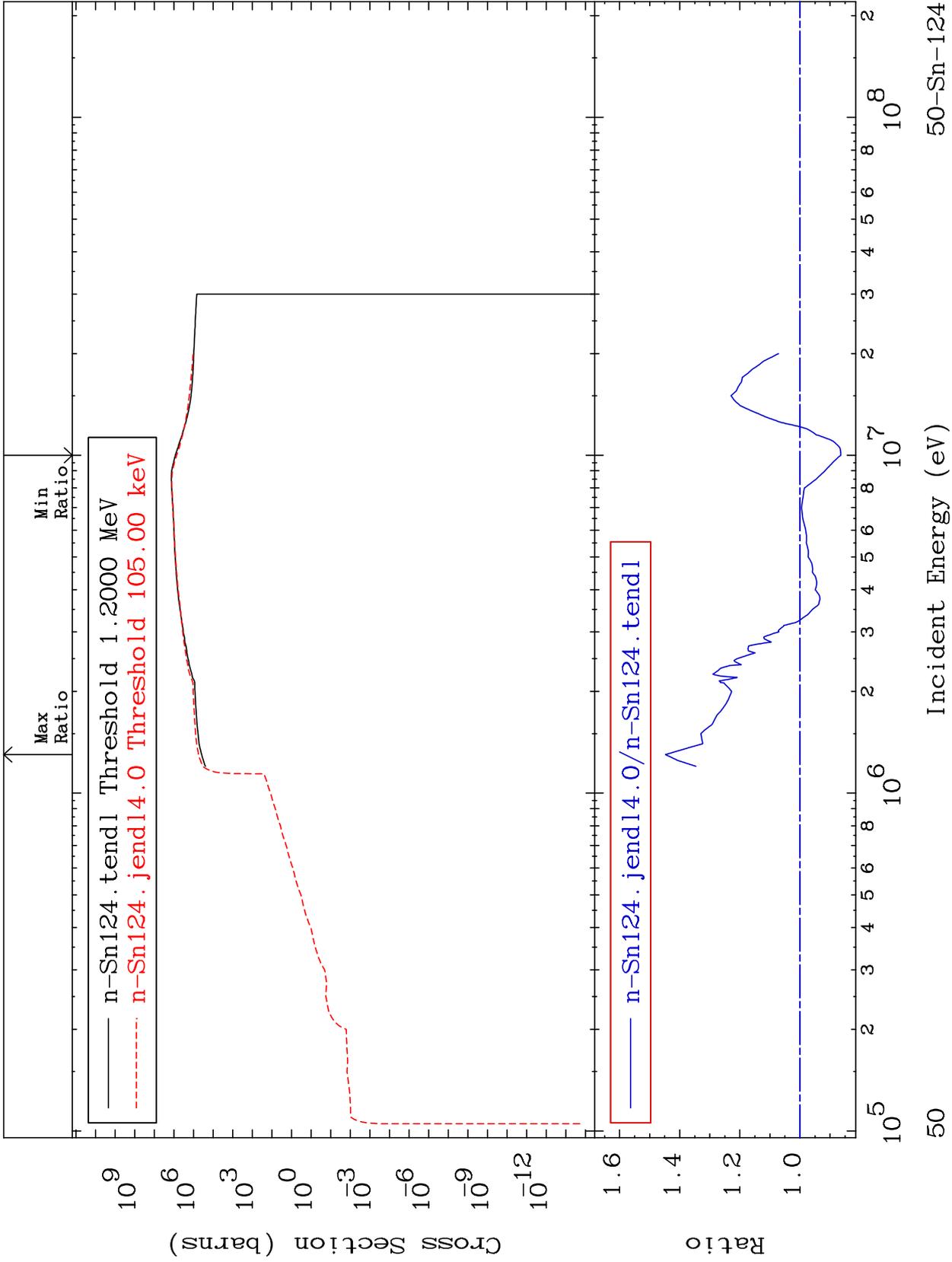




MAT 5061

Kerma inelastic (mt51-91)
Cross Section

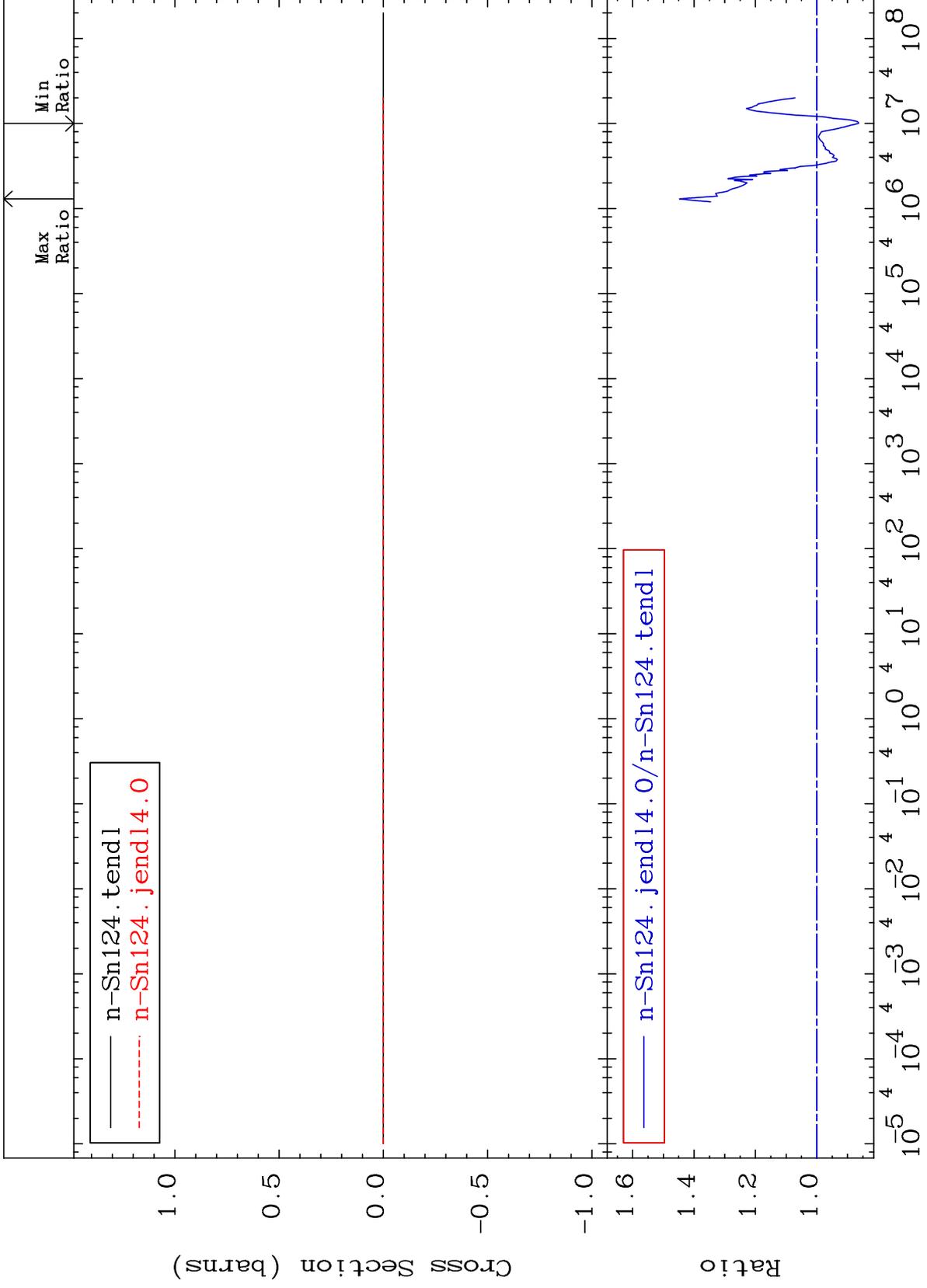
50-Sn-124
-13.58 To 44.73 %



MAT 5061

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

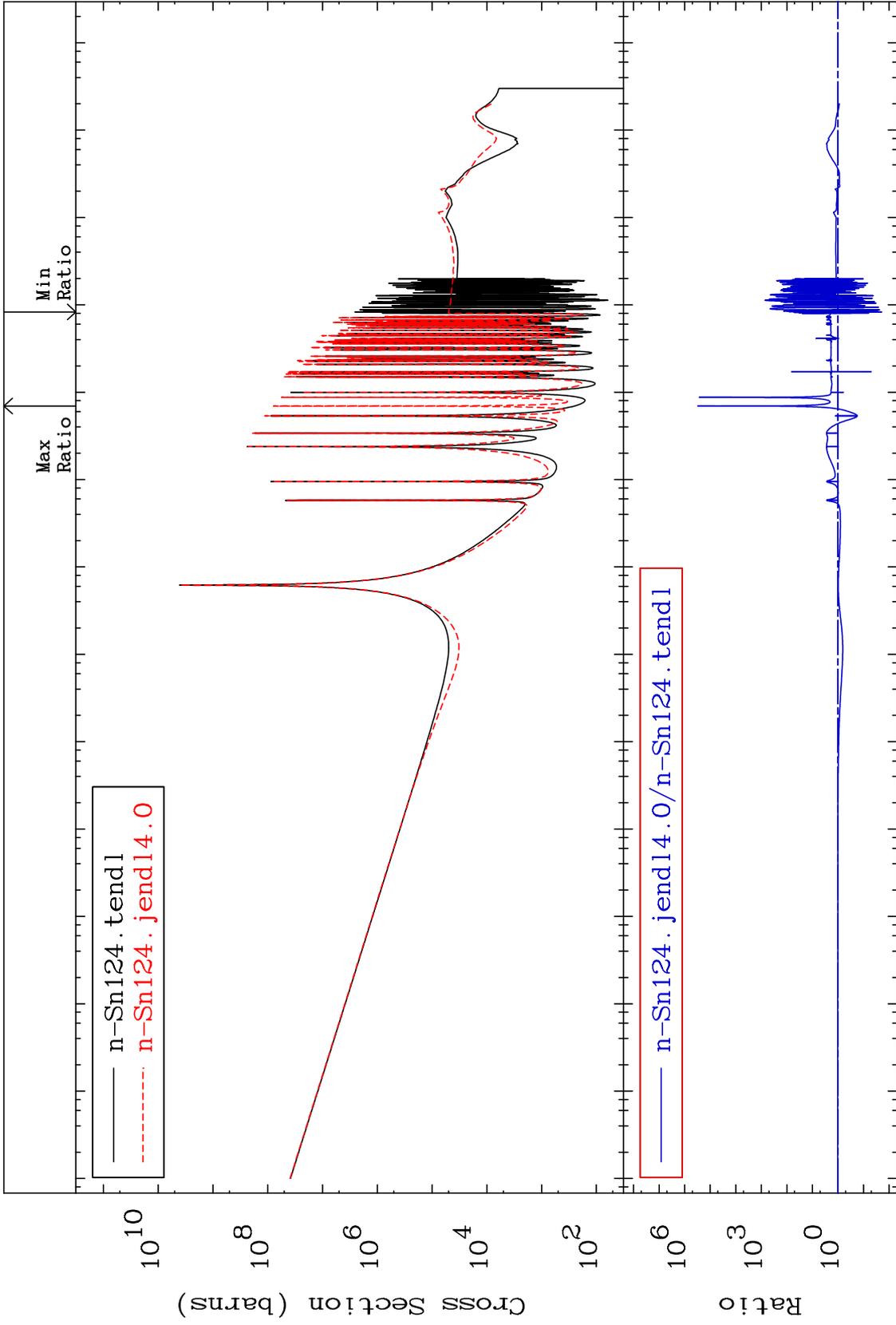
50-Sn-124
-13.58 To 44.73 %



MAT 5061

Kerma capture (mt102)
Cross Section

50-Sn-124
-98.04 To 9999. %



52

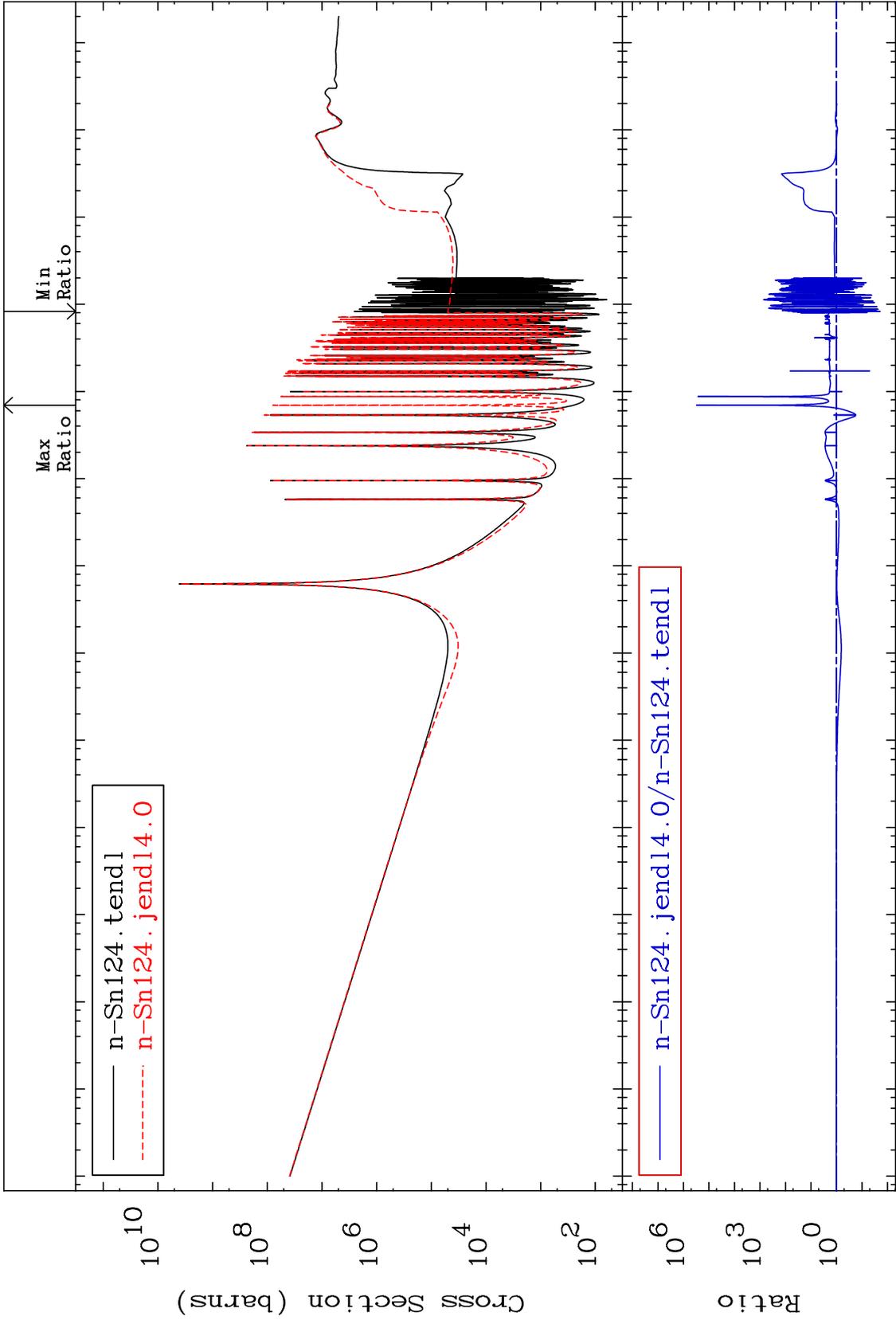
Incident Energy (eV)

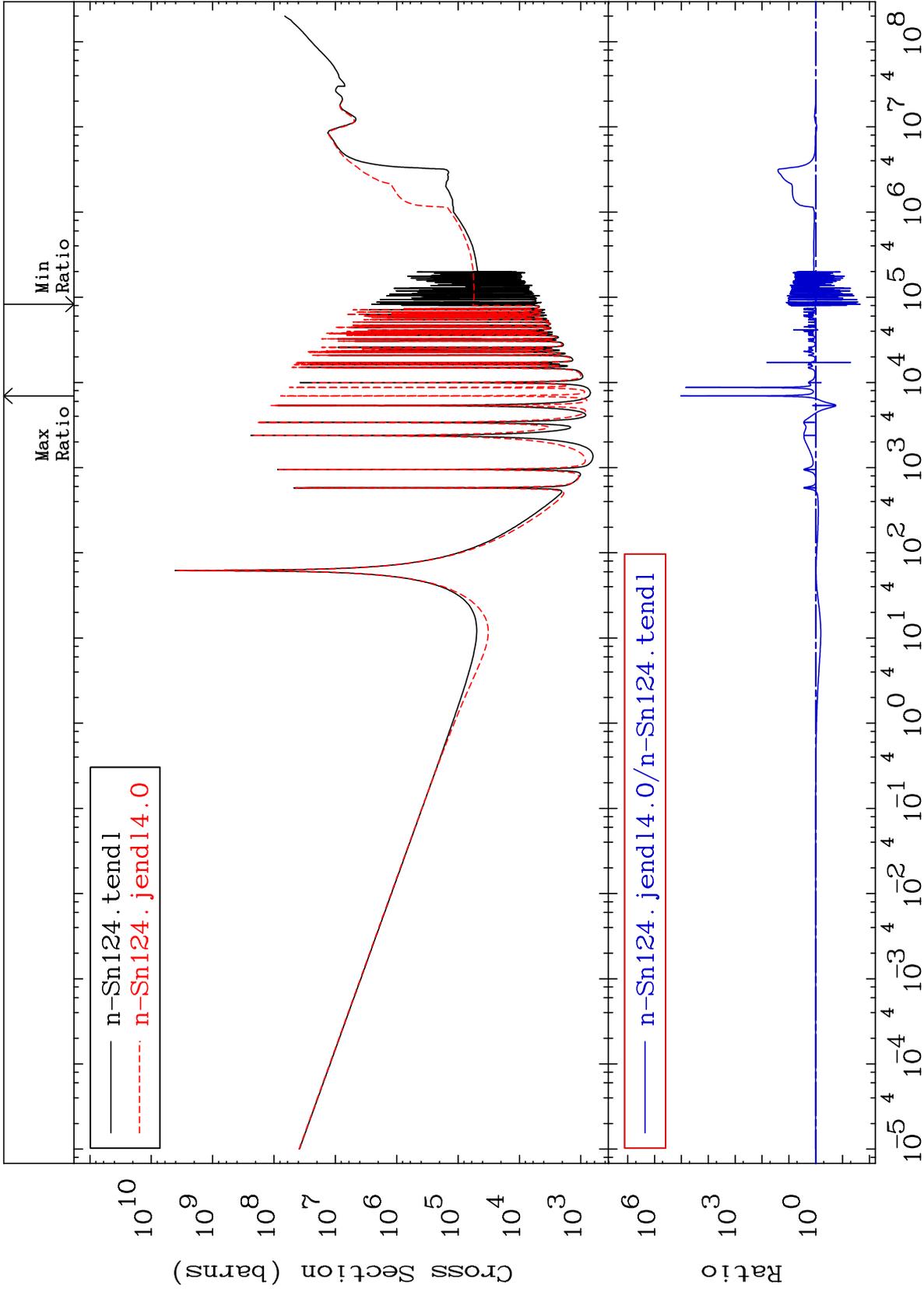
50-Sn-124

MAT 5061

Total photon (eV-barns)
Cross Section

50-Sn-124
-98.04 To 9999. %

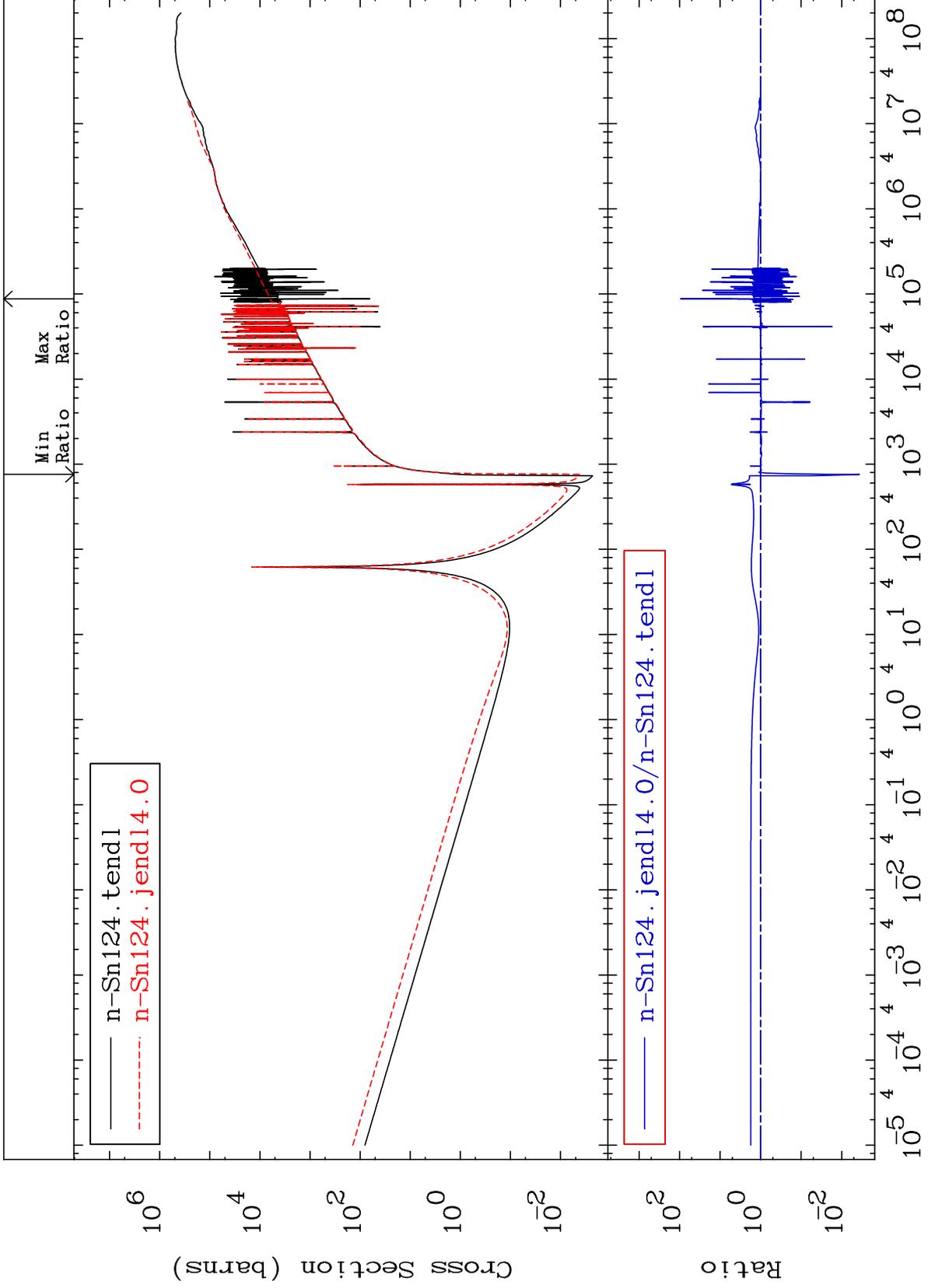




MAT 5061

Dpa total (eV-barns)
Cross Section

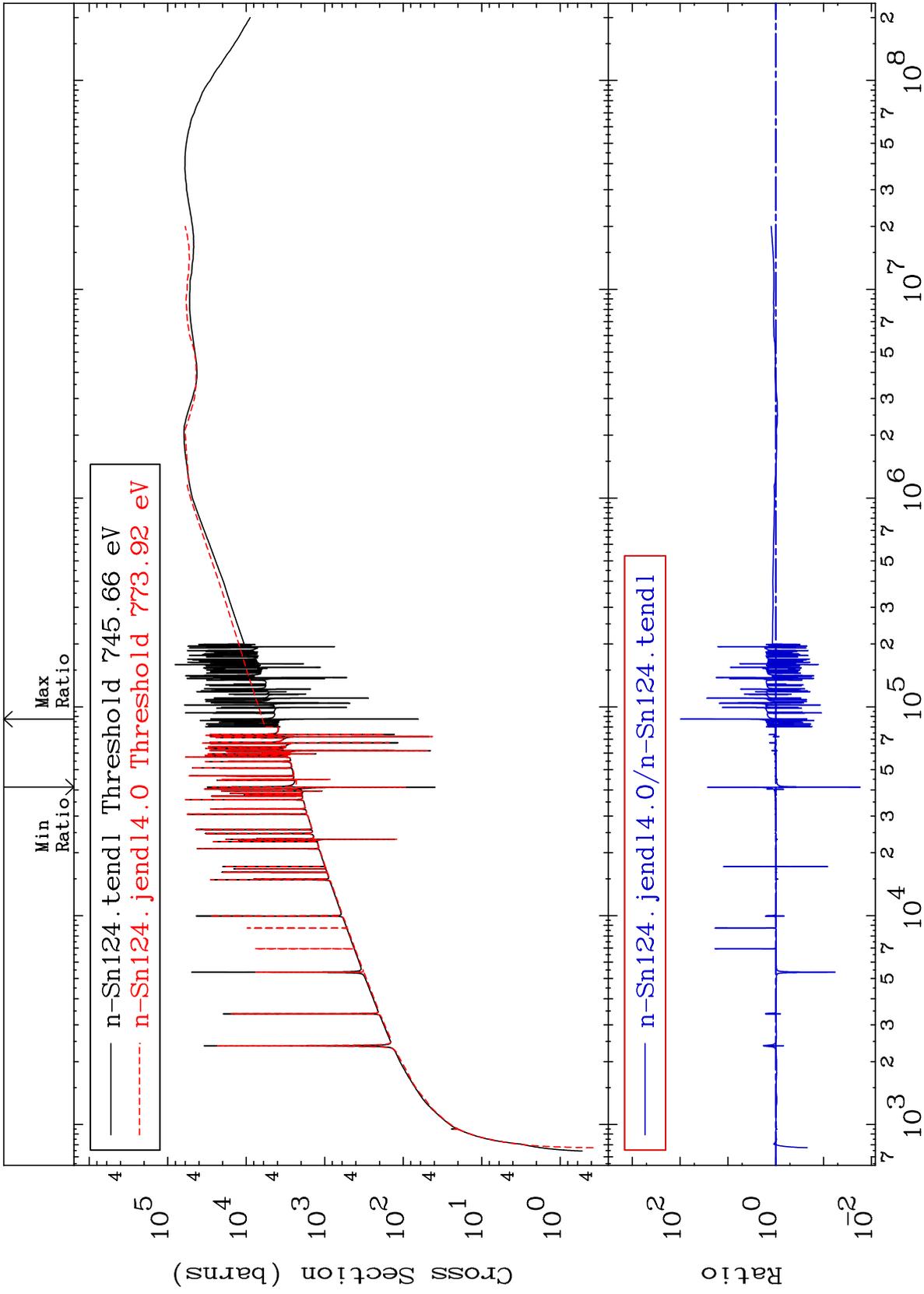
50-Sn-124
-99.64 To 9528. %



MAT 5061

Dpa elastic (mt2)
Cross Section

50-Sn-124
-98.29 To 9534. %



56

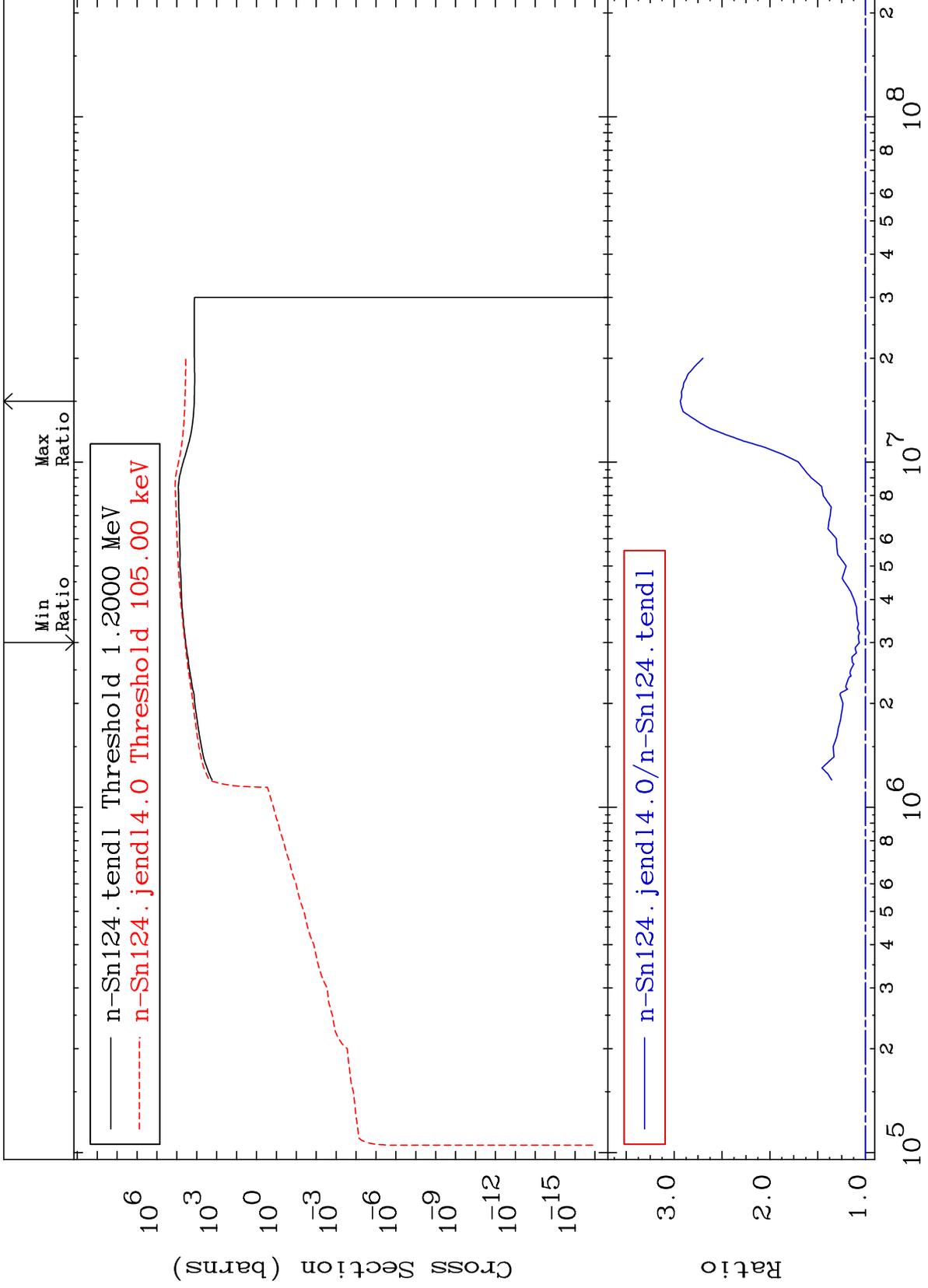
Incident Energy (eV)

50-Sn-124

MAT 5061

Dpa inelastic (mt51-91)
Cross Section

50-Sn-124
6.400 To 193.6 %



57

Incident Energy (eV)

50-Sn-124

