

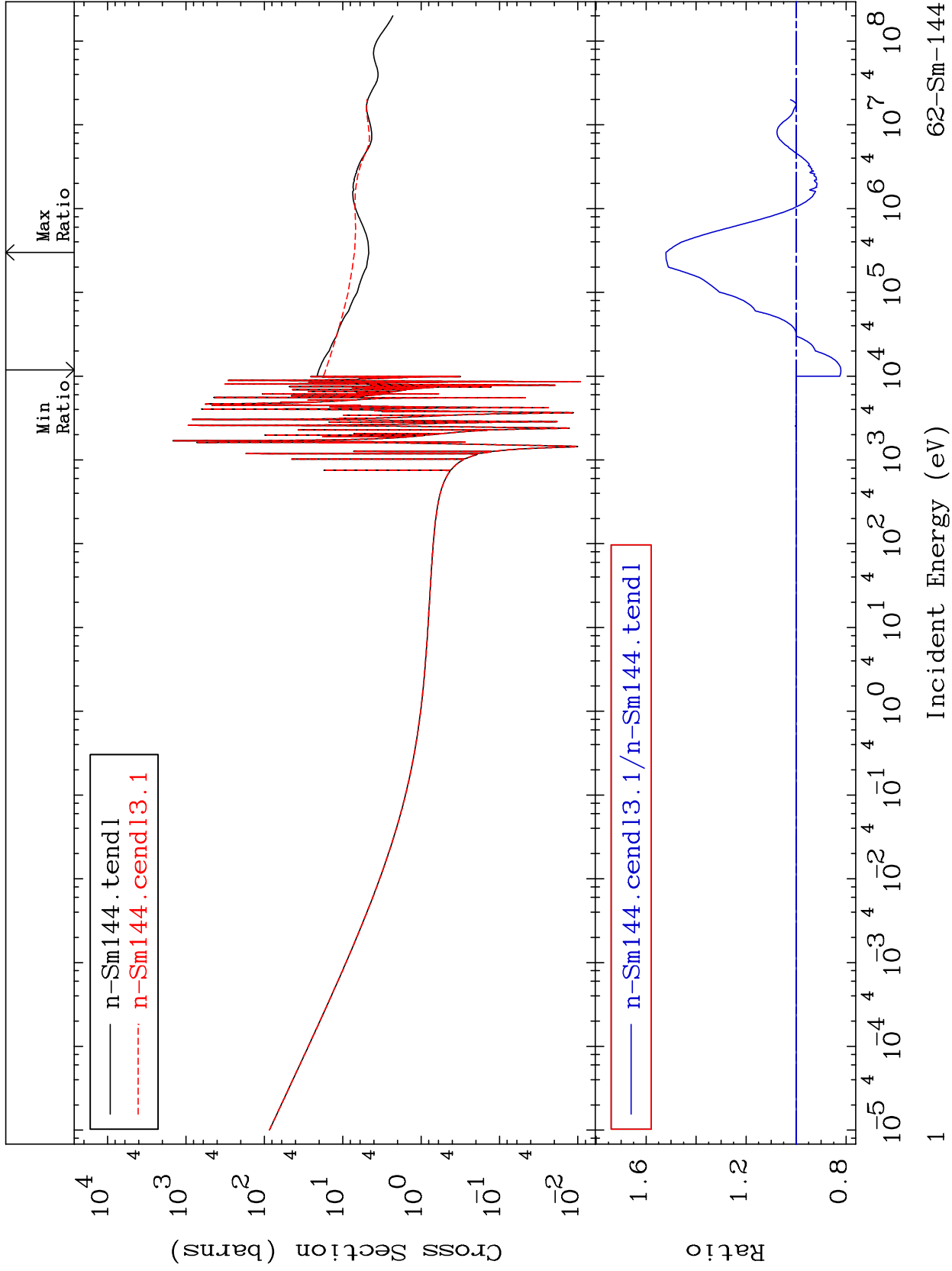
MAT 6225

Total

62-Sm-144

Cross Section

-17.87 To 52.05 %

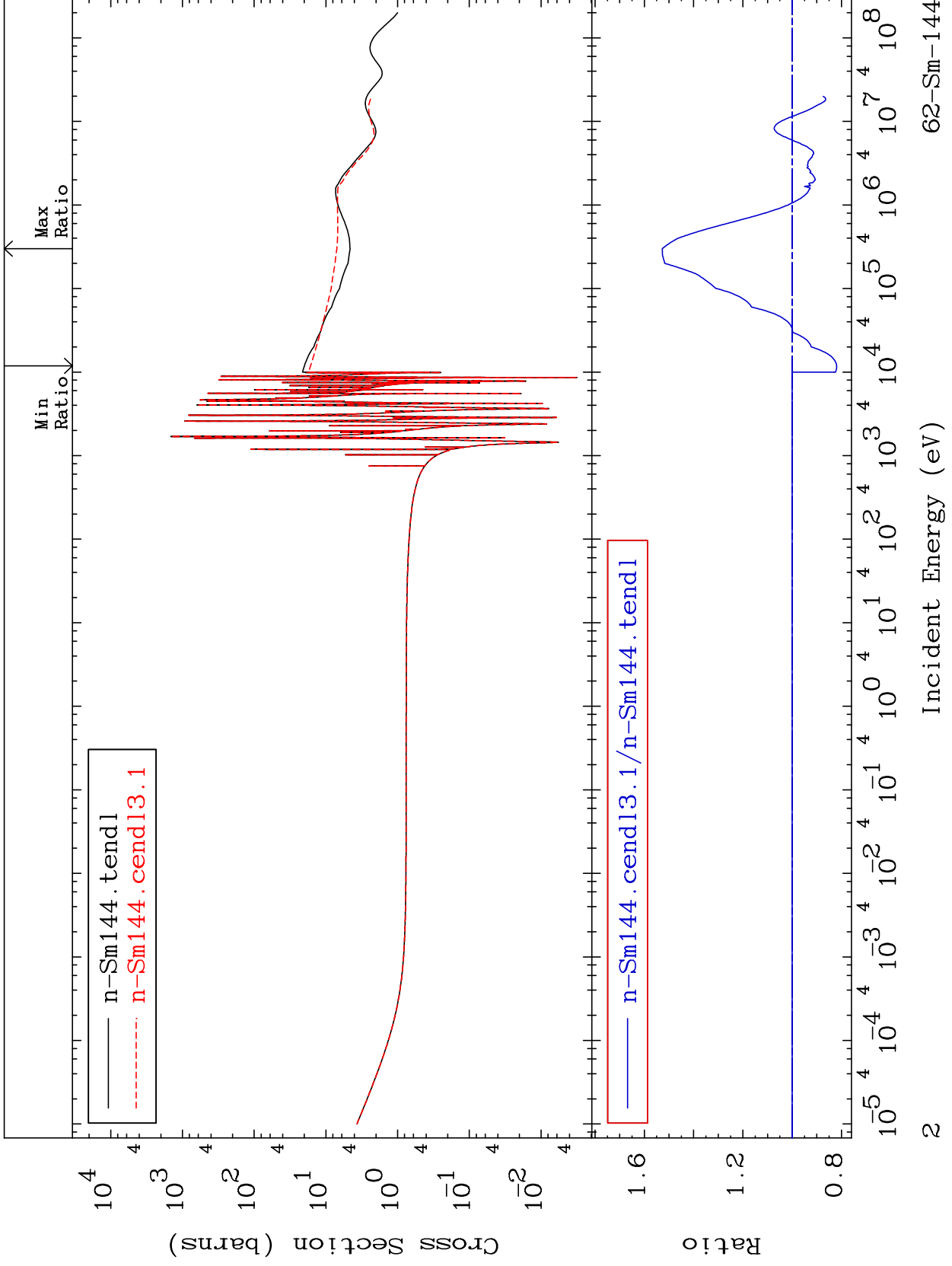


62-Sm-144

MAT 6225

Elastic
Cross Section

62-Sm-144
-18.04 To 52.71 %



62-Sm-144

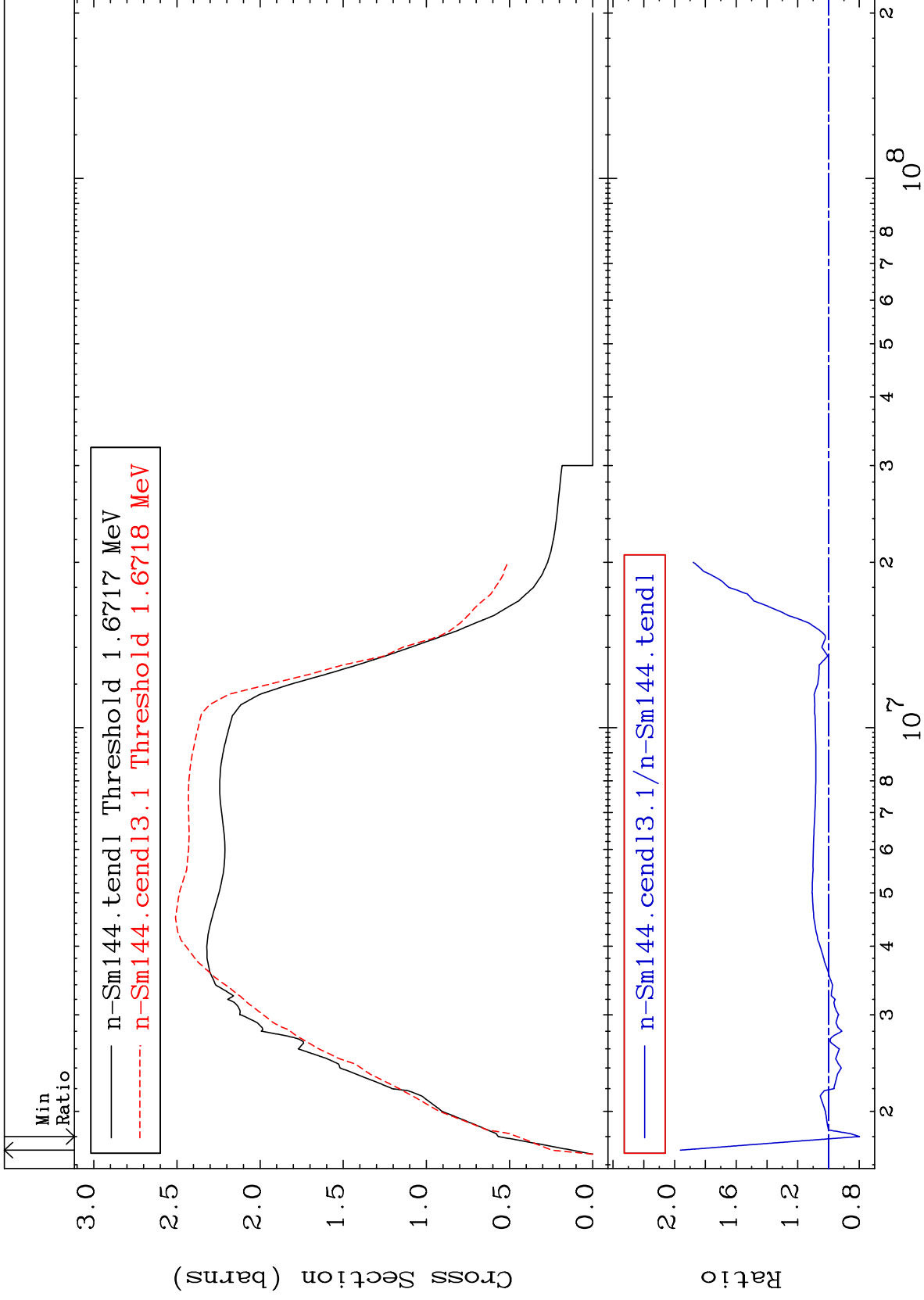
Incident Energy (eV)

2

MAT 6225

Inelastic
Cross Section

62-Sm-144
-20.08 To 96.27 %



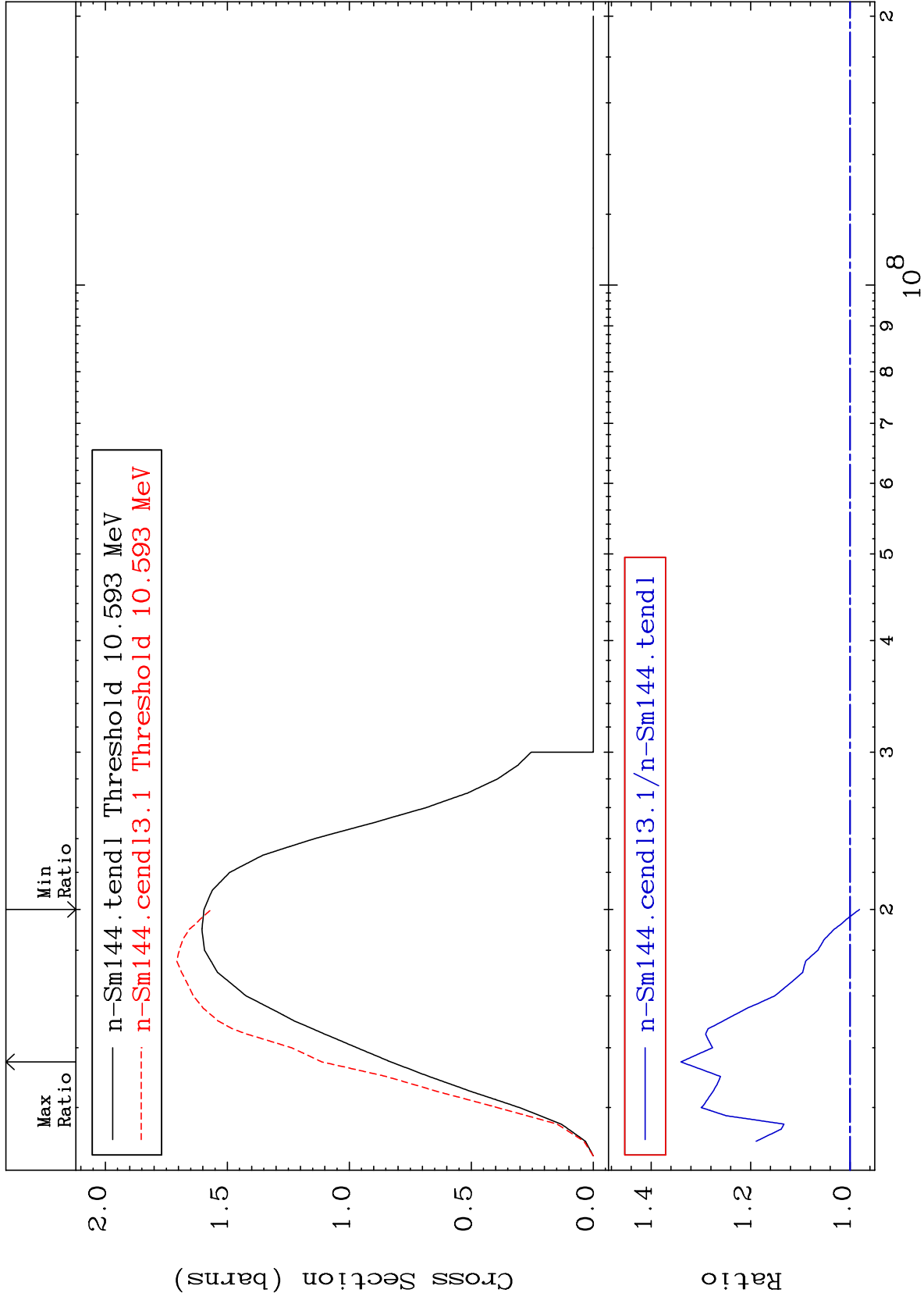
MAT 6225

(n,2n)

62-Sm-144

Cross Section

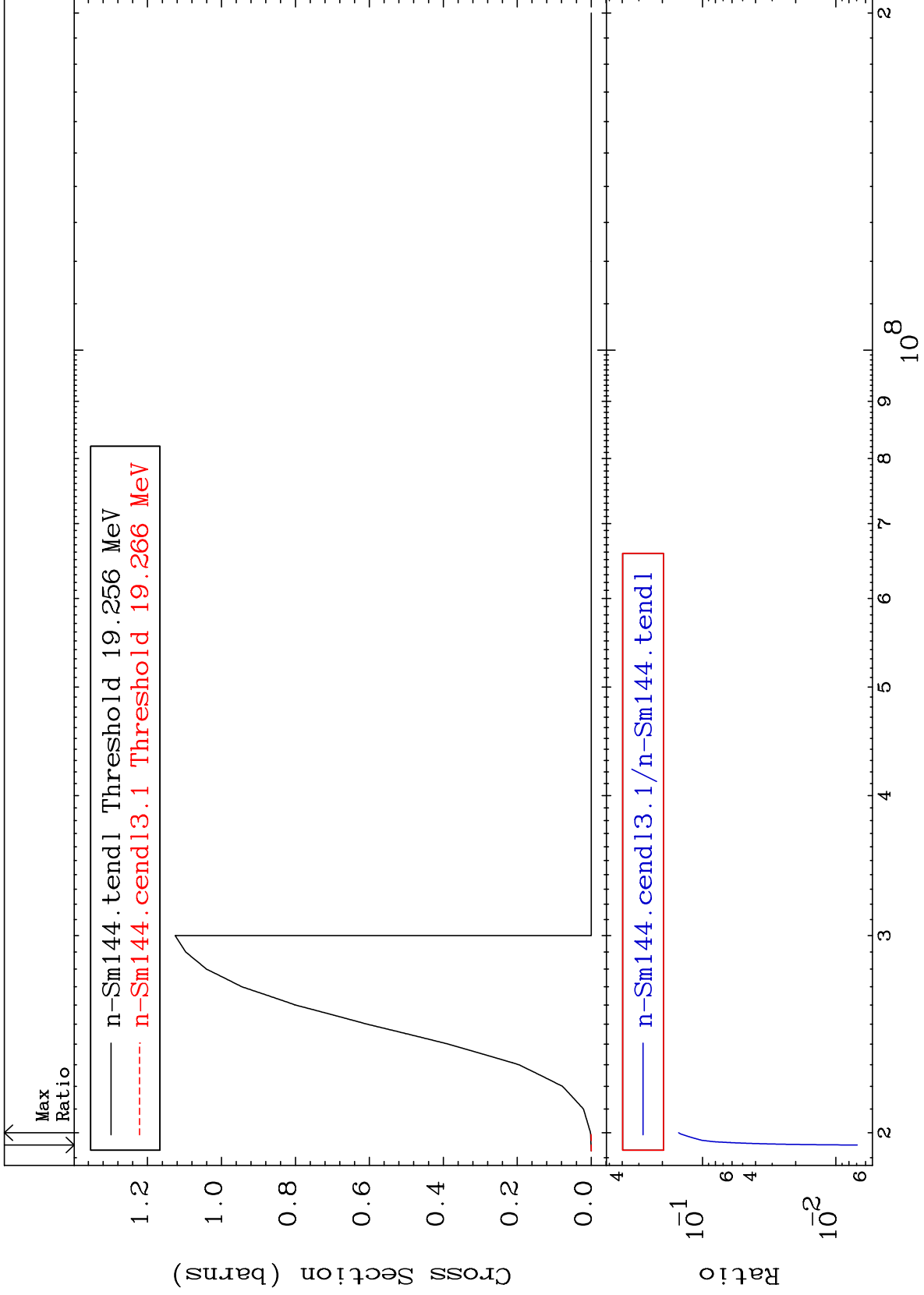
-1.895 To 34.04 %



MAT 6225

(n,3n)
Cross Section

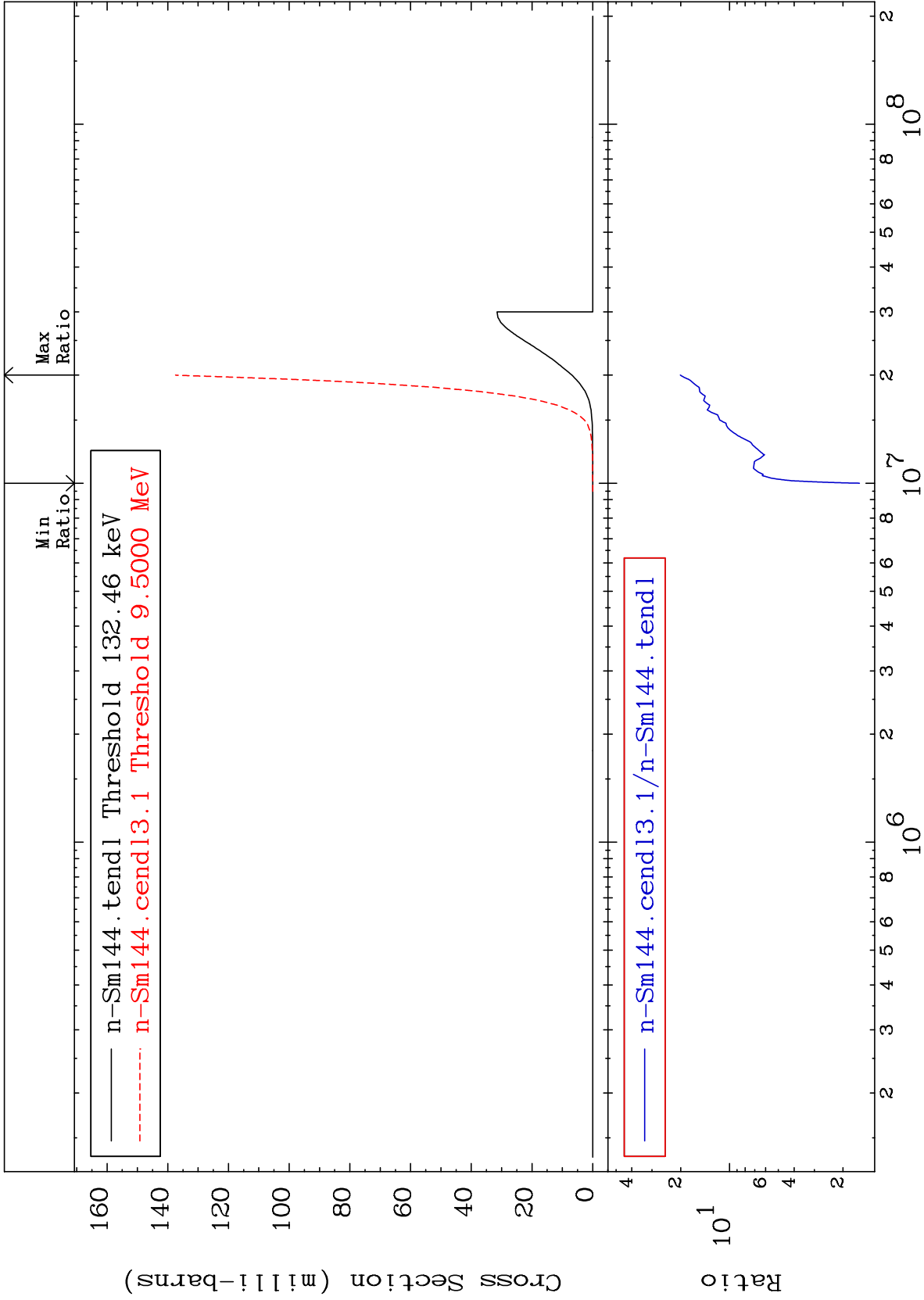
62-Sm-144
-99.31 To -84.90%



MAT 6225

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

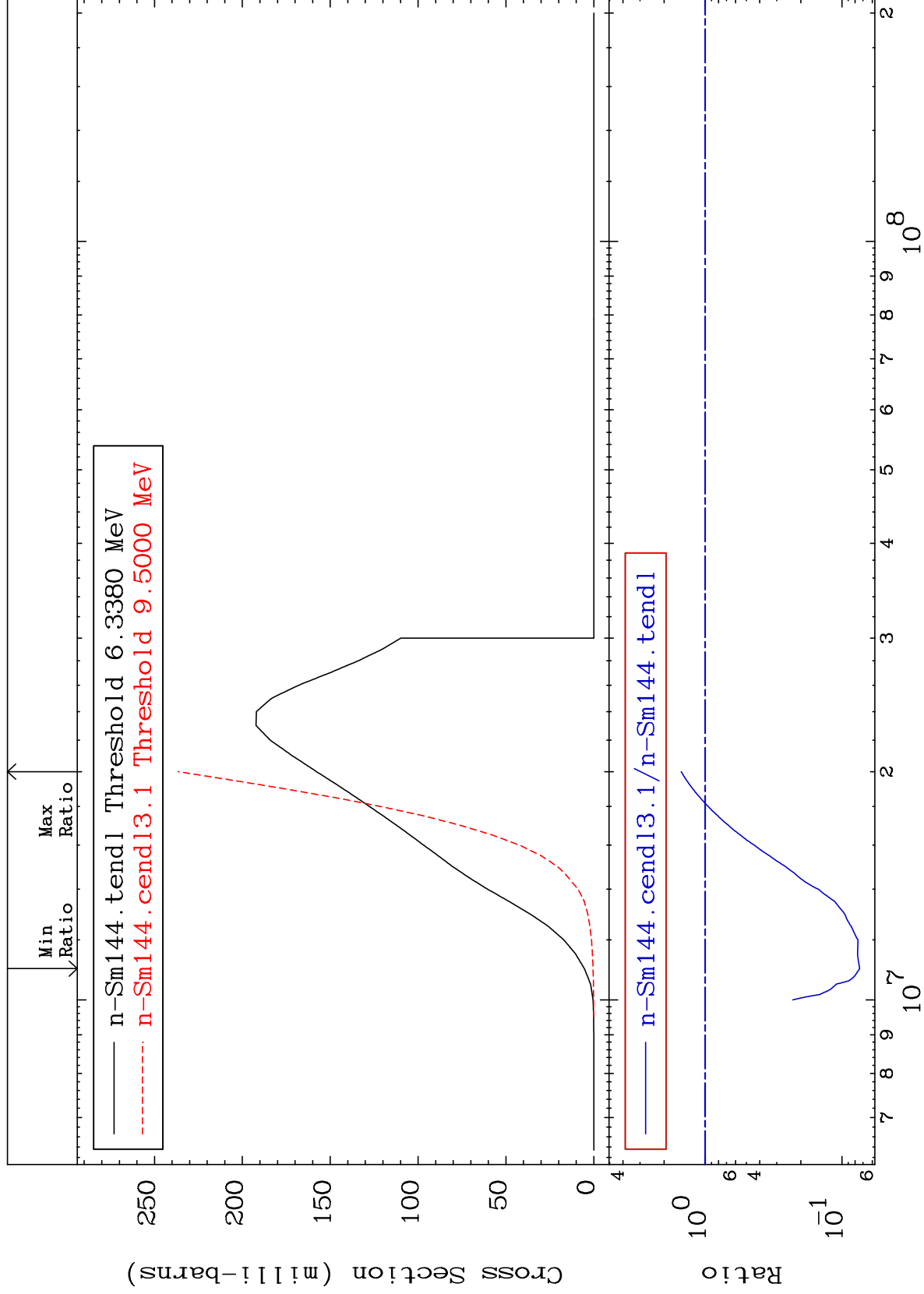
62-Sm-144
To 1908. %
58.35



MAT 6225

(n, n') p
Cross Section

62-Sm-144
-92.58 To 49.88 %



7

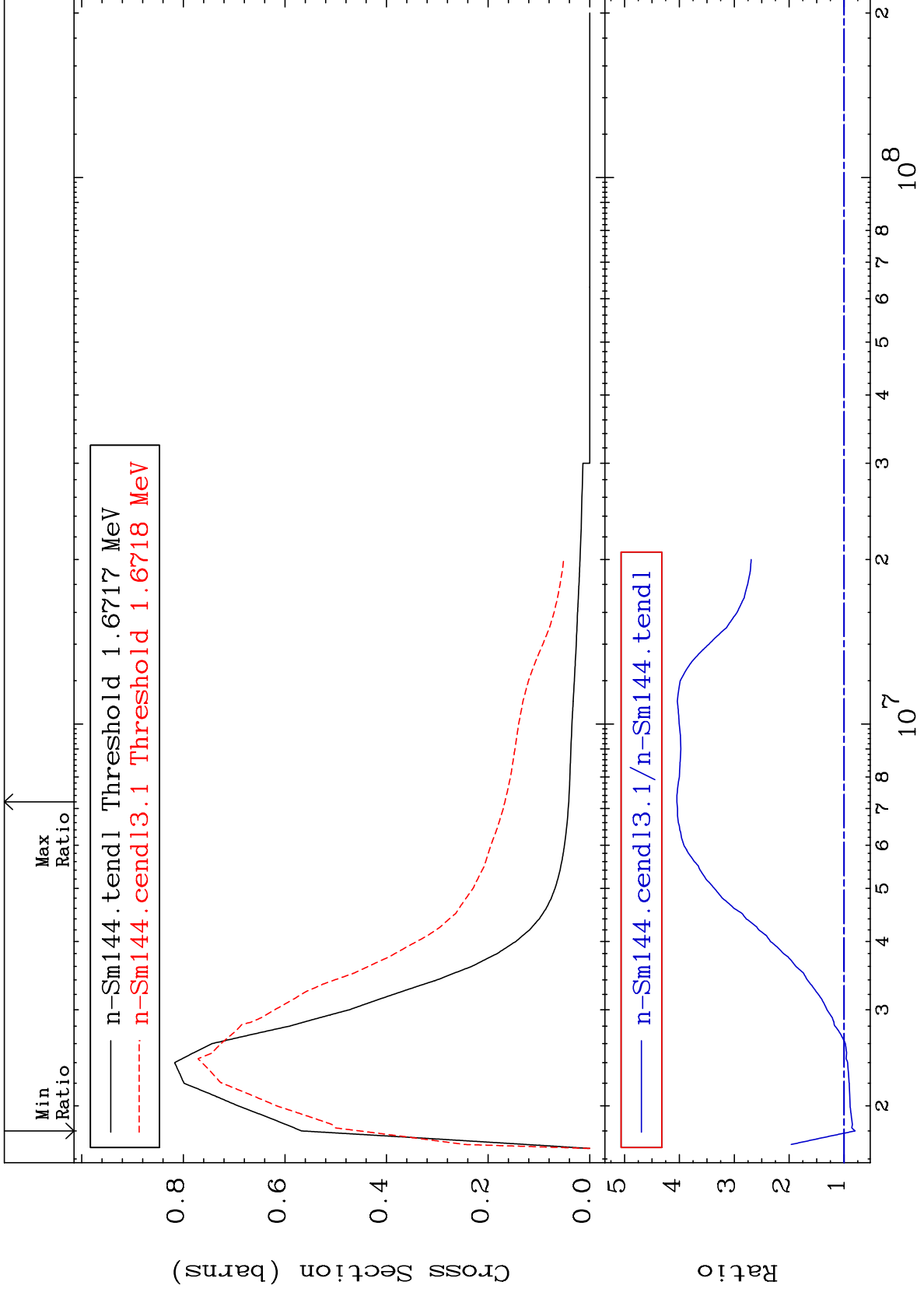
Incident Energy (eV)

62-Sm-144

MAT 6225

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

62-Sm-144
-20.08 To 304.6 %



8

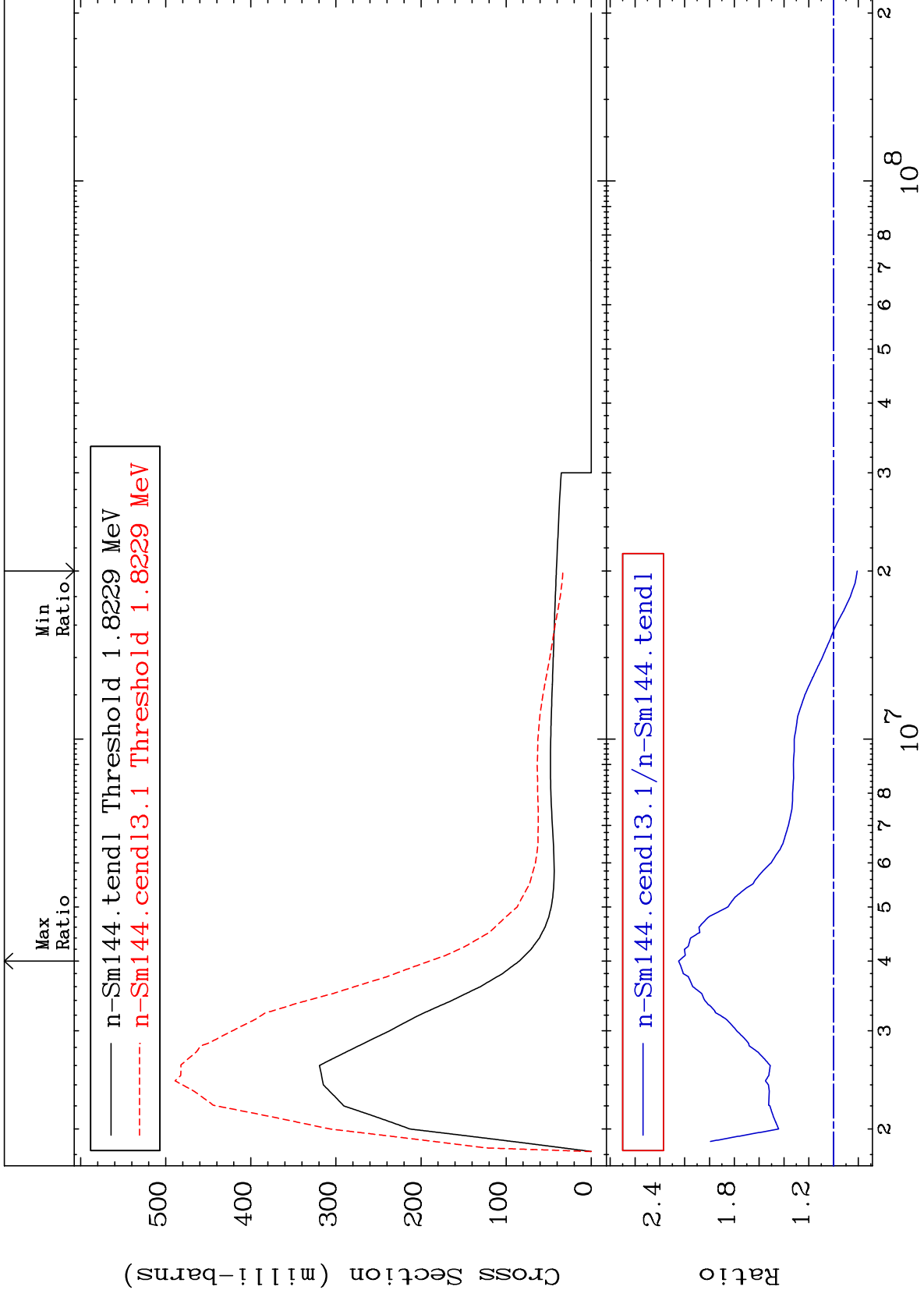
Incident Energy (eV)

62-Sm-144

MAT 6225

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

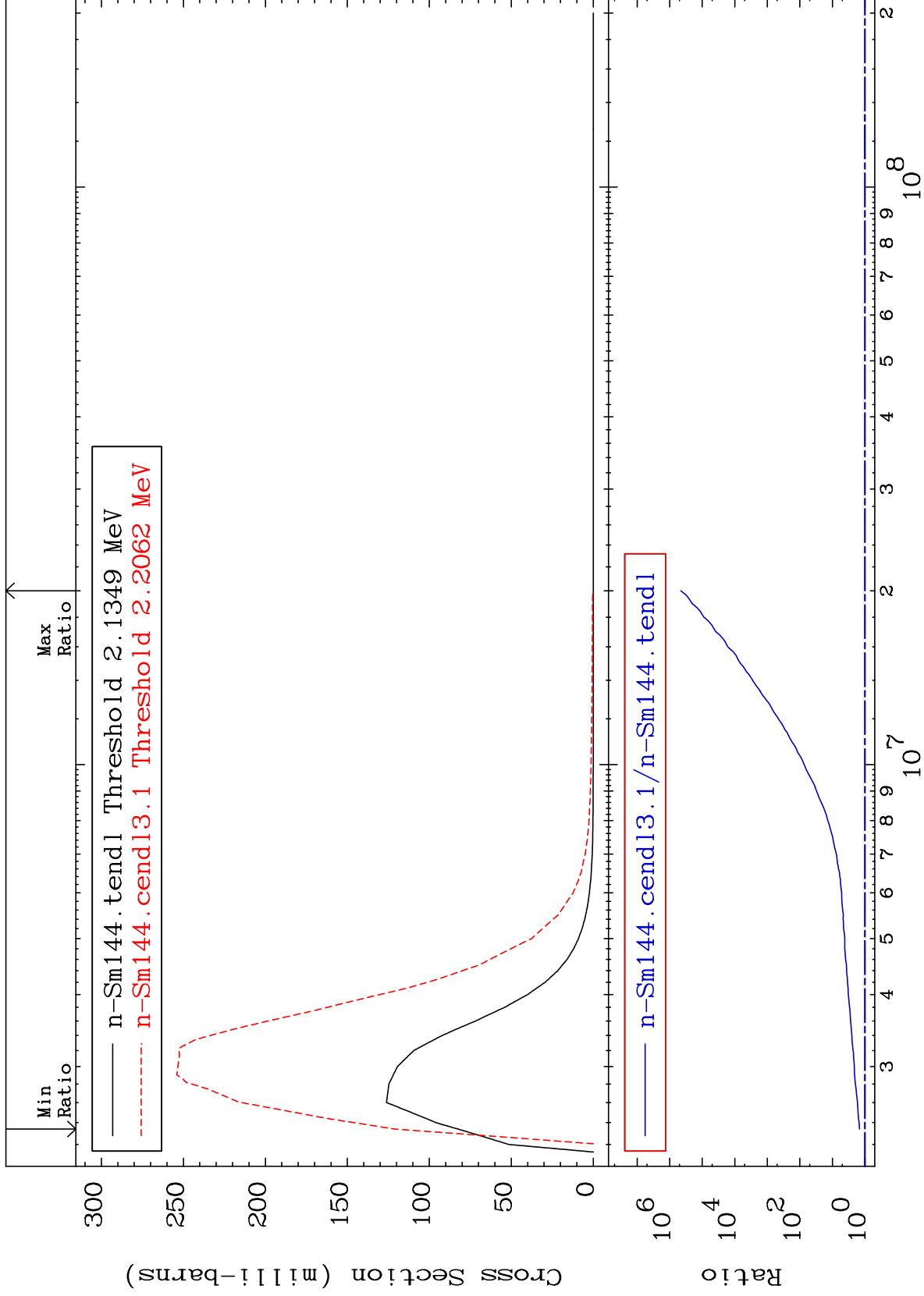
62-Sm-144
-19.09 To 124.9 %



MAT 6225

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

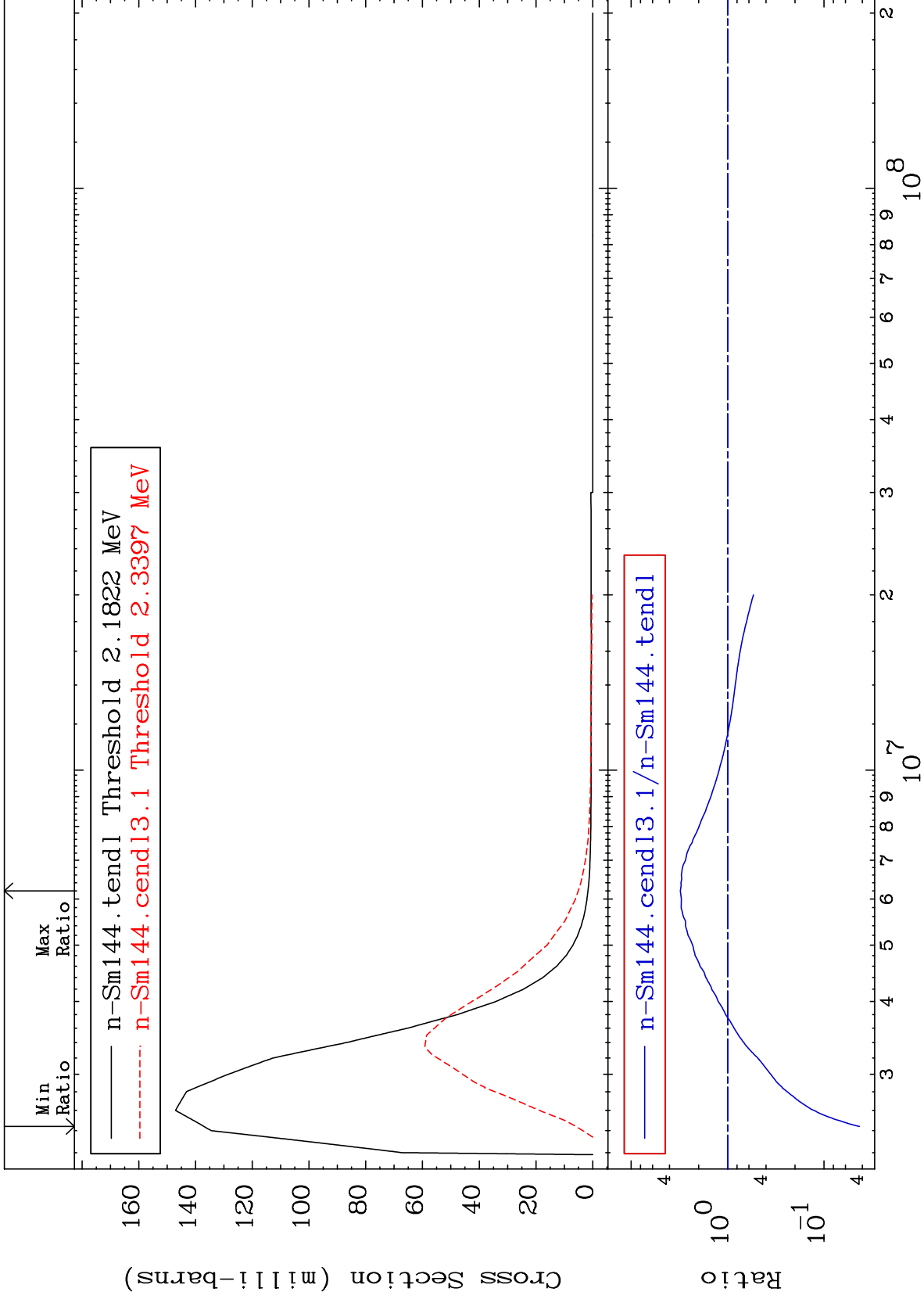
62-Sm-144
47.01 To 9999. %



10

Incident Energy (eV)

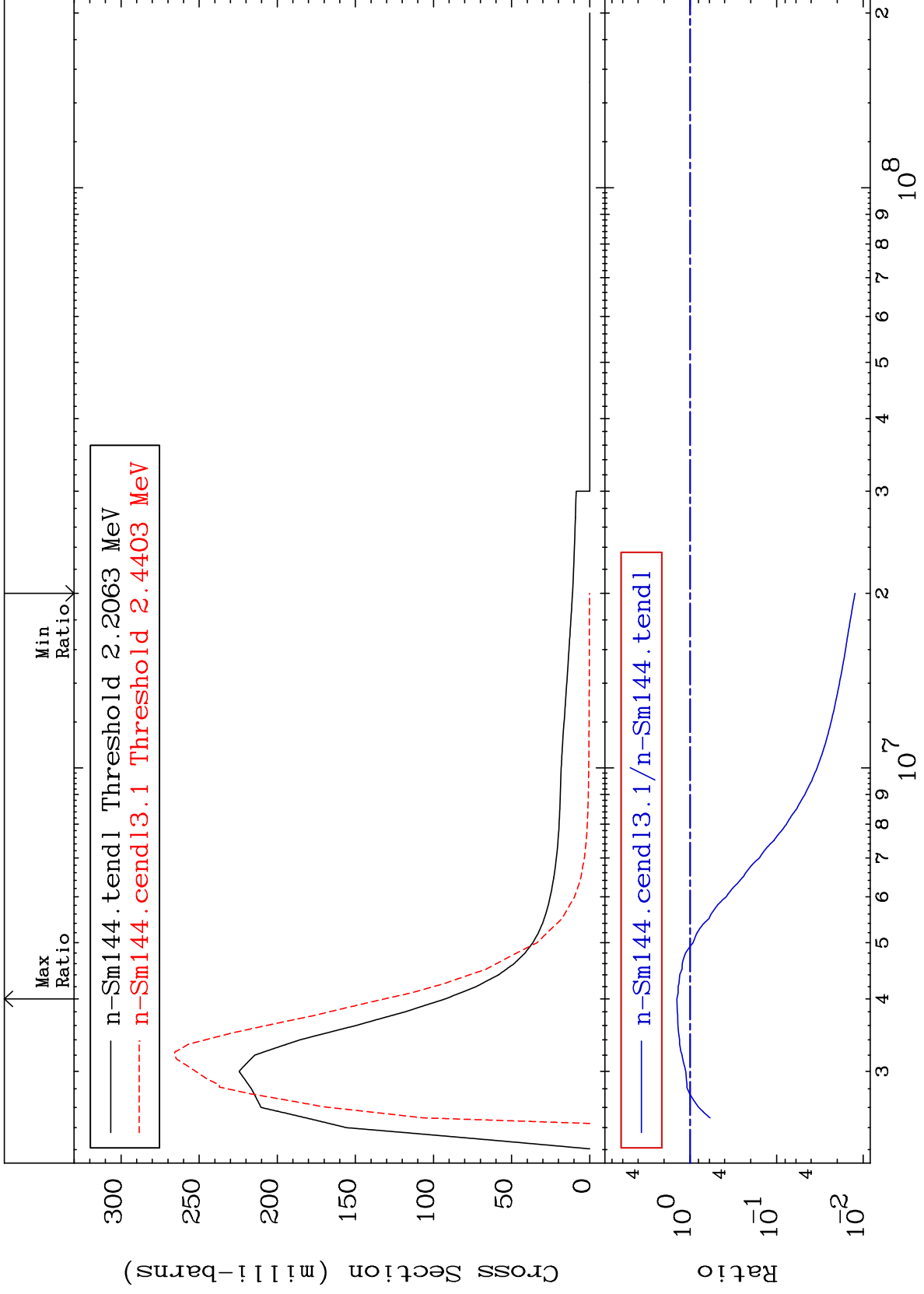
62-Sm-144



MAT 6225

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

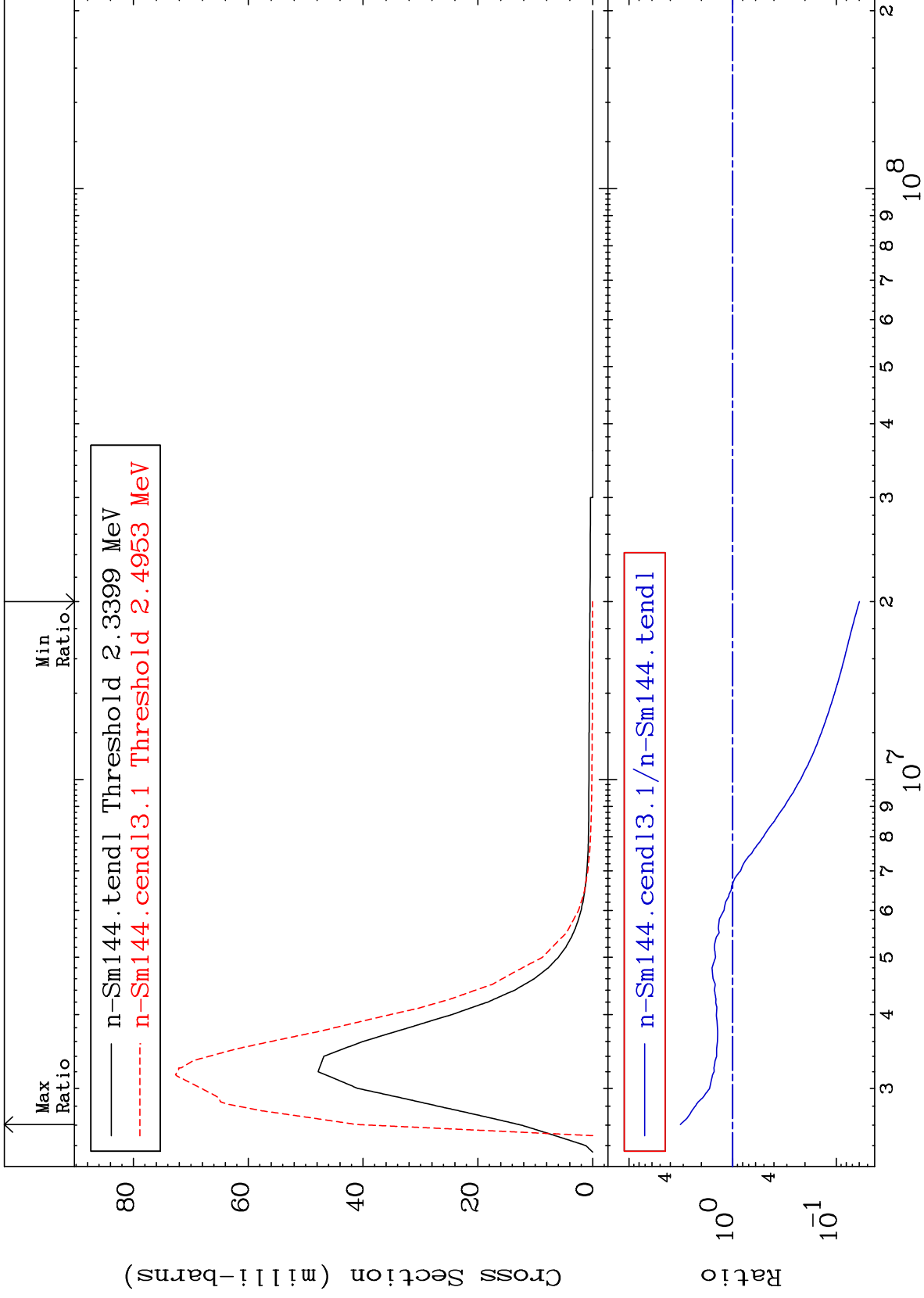
62-Sm-144
-98.76 To 42.14 %



MAT 6225

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

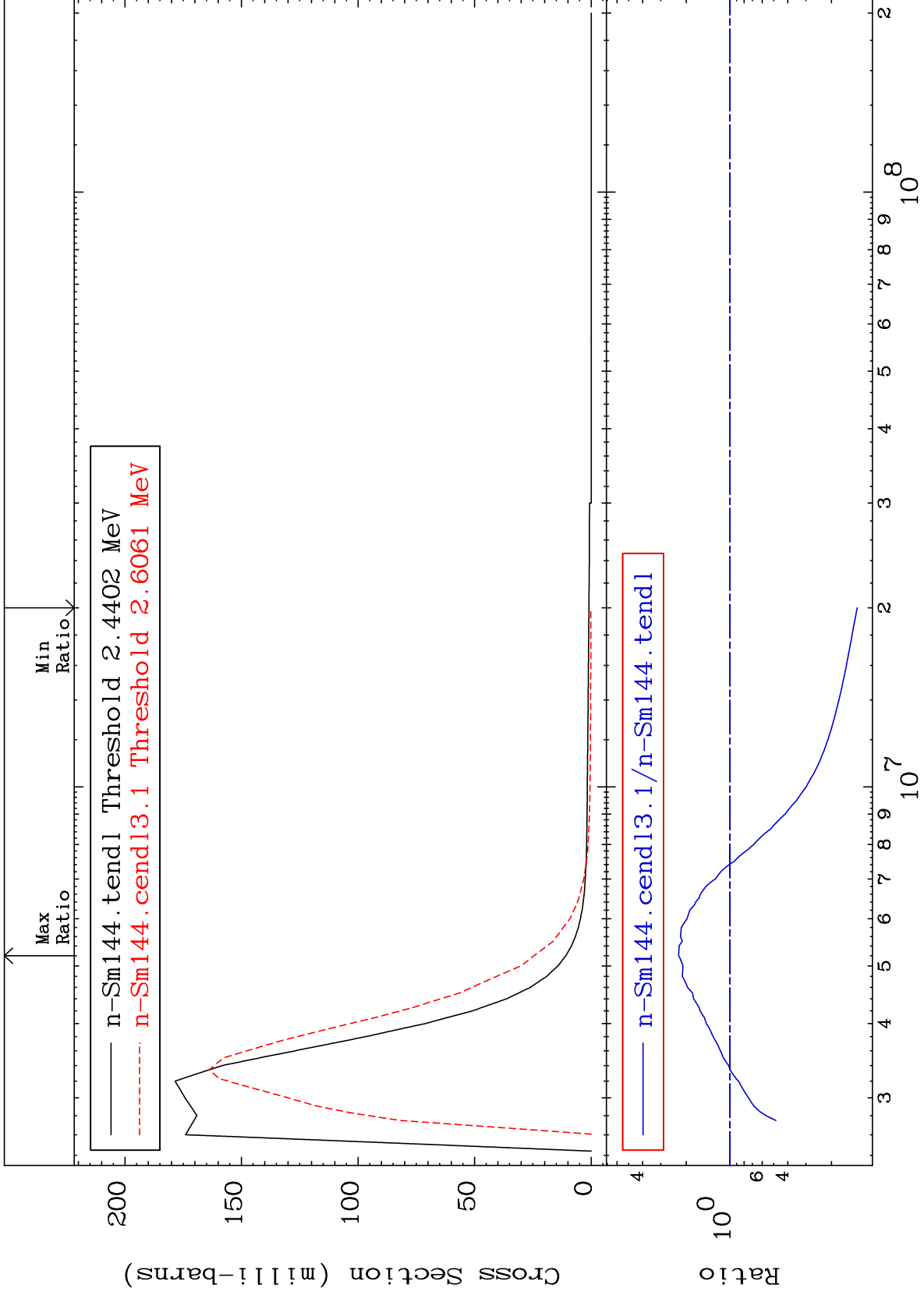
62-Sm-144
-94.02 To 219.3 %

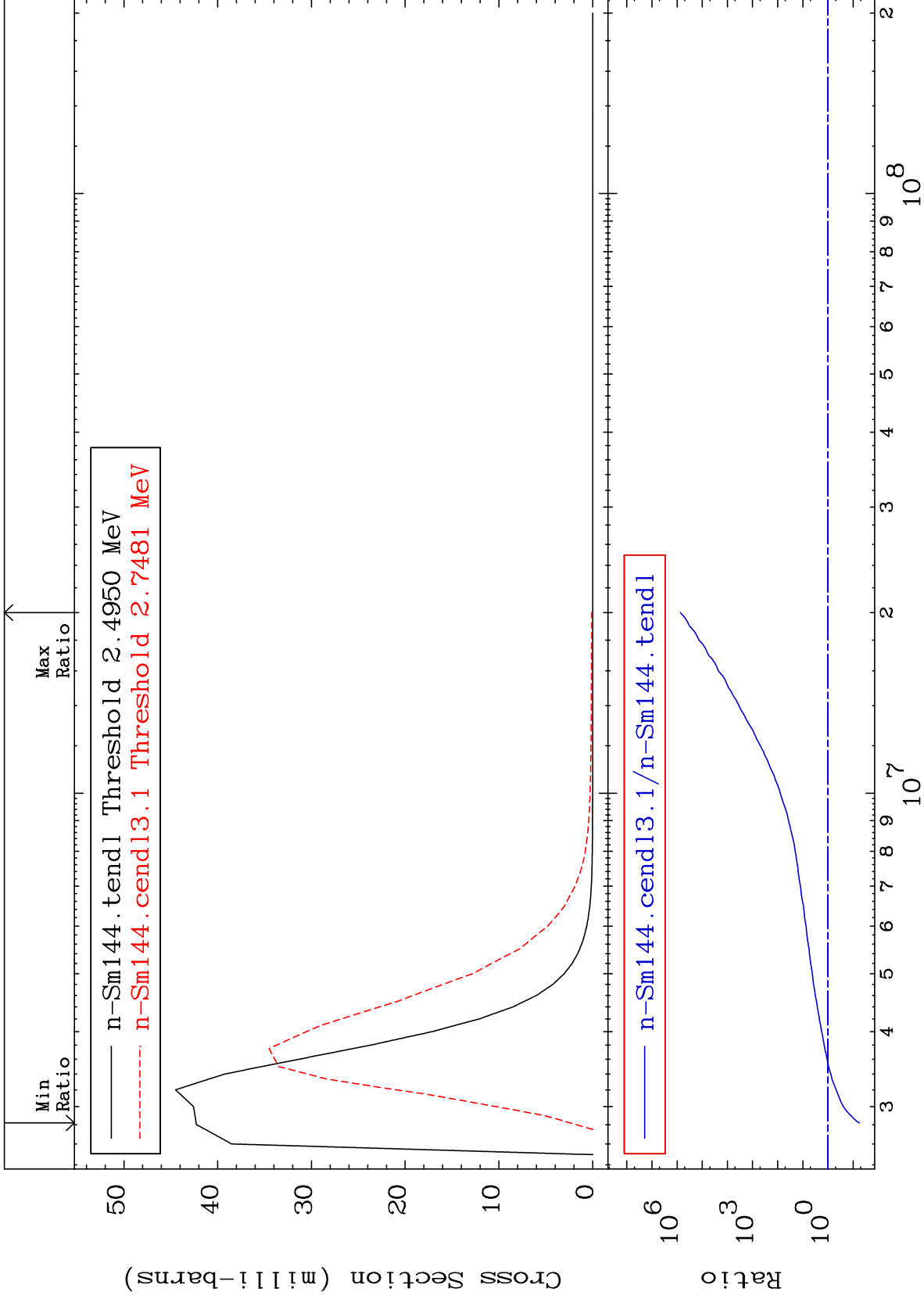


MAT 6225

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

62-Sm-144
-86.71 To 125.7 %

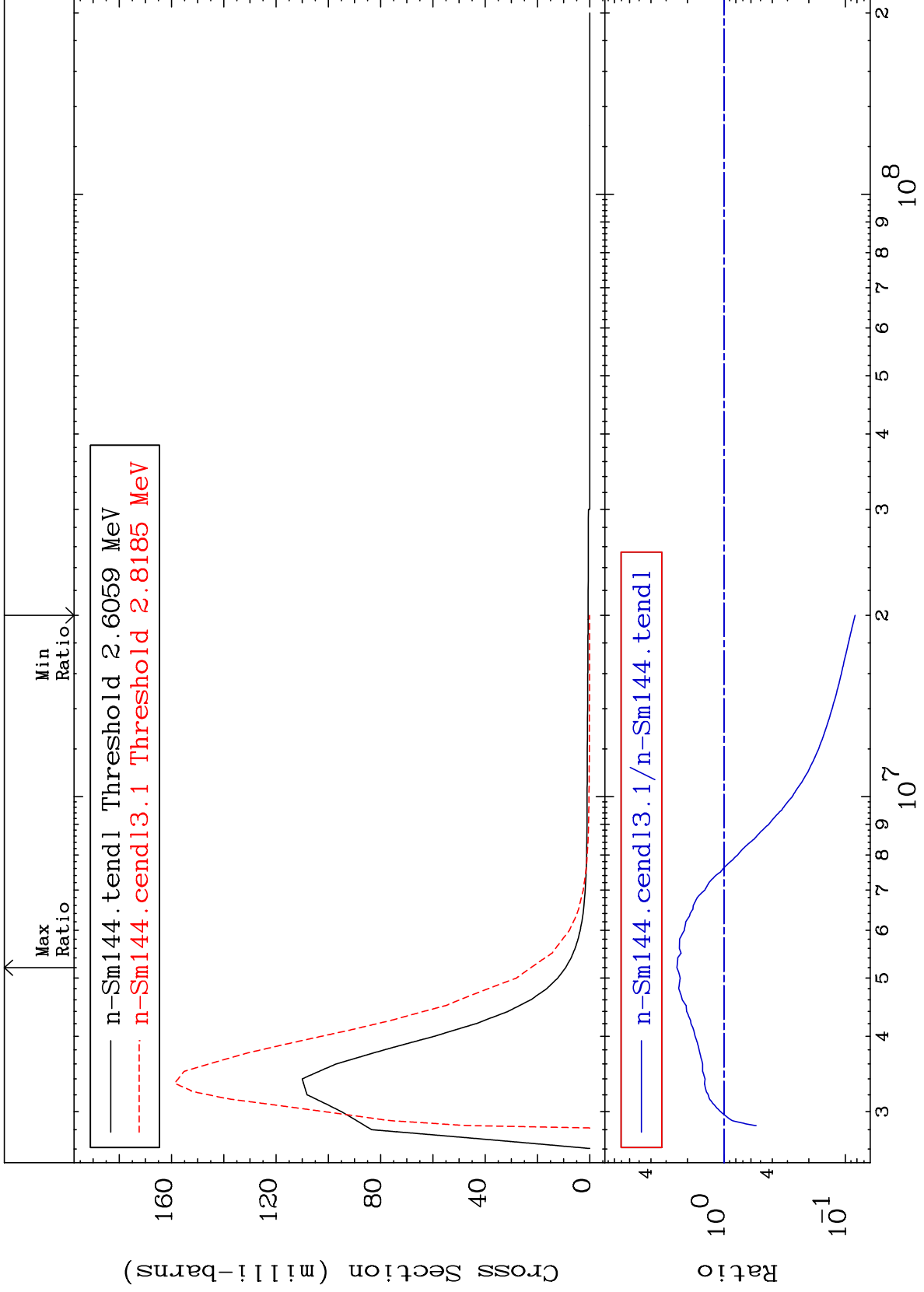




MAT 6225

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

62-Sm-144
-91.70 To 144.3 %



16

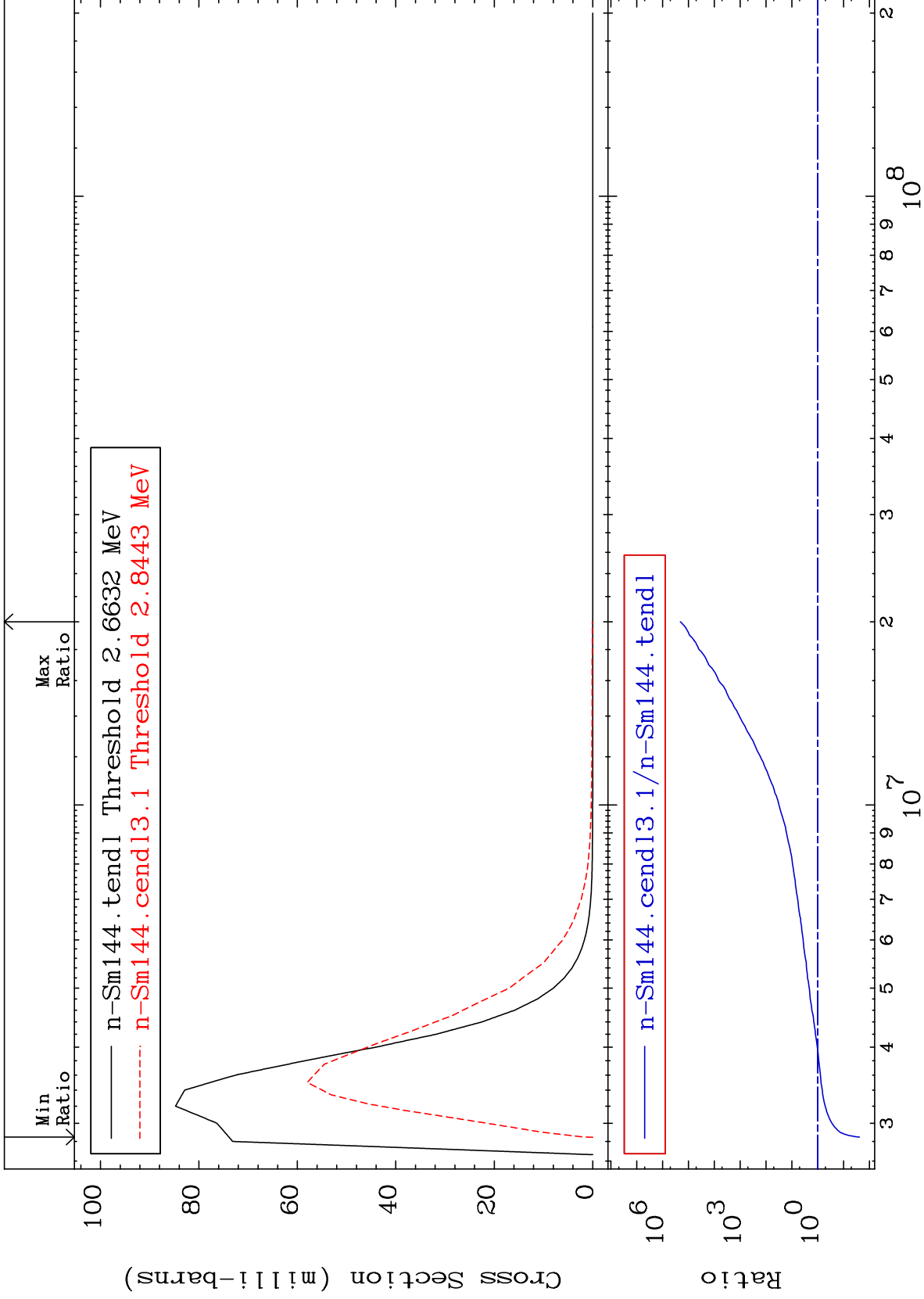
Incident Energy (eV)

62-Sm-144

MAT 6225

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

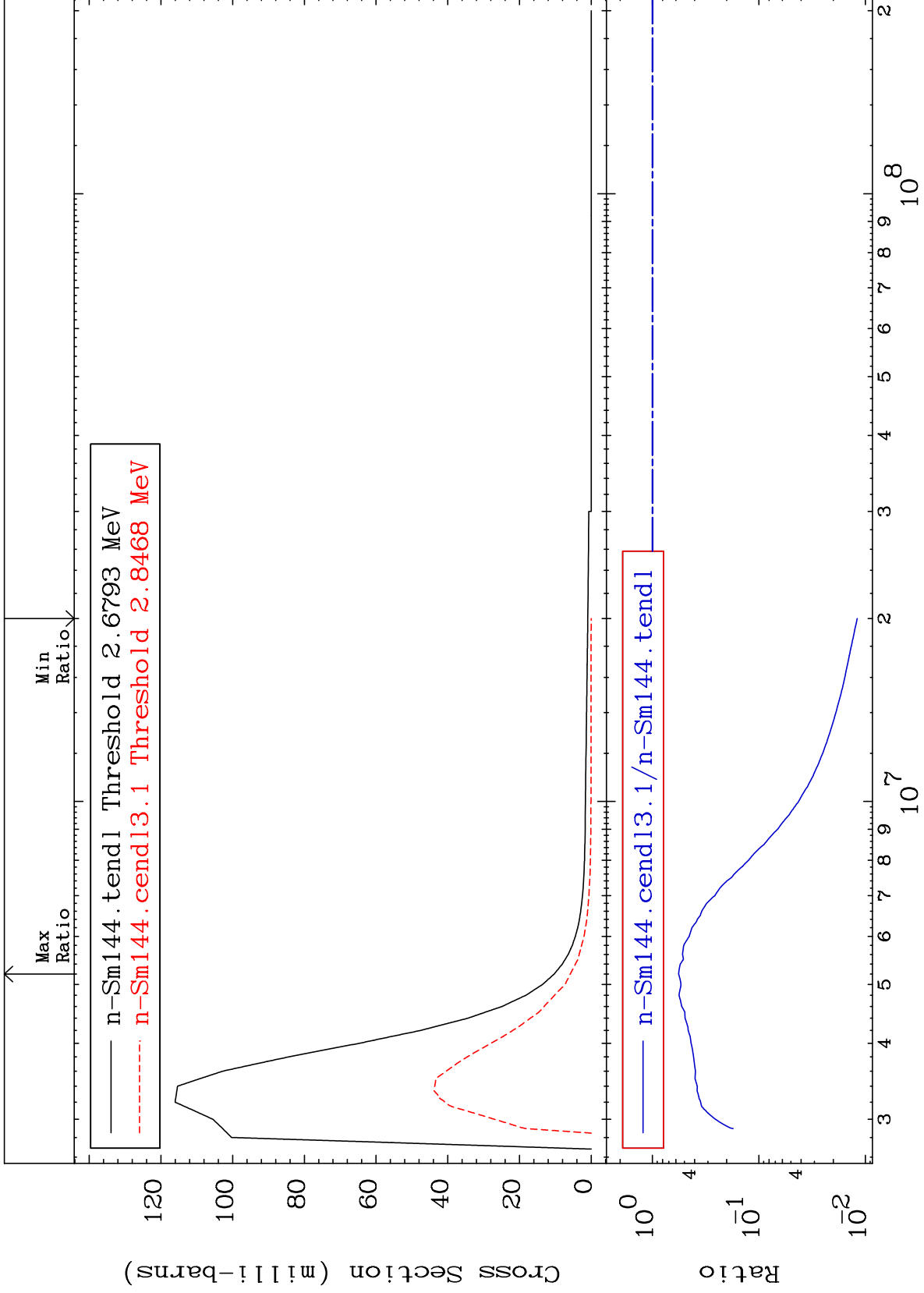
62-Sm-144
-97.57 To 9999. %



MAT 6225

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

62-Sm-144
-98.81 To -43.42%



18

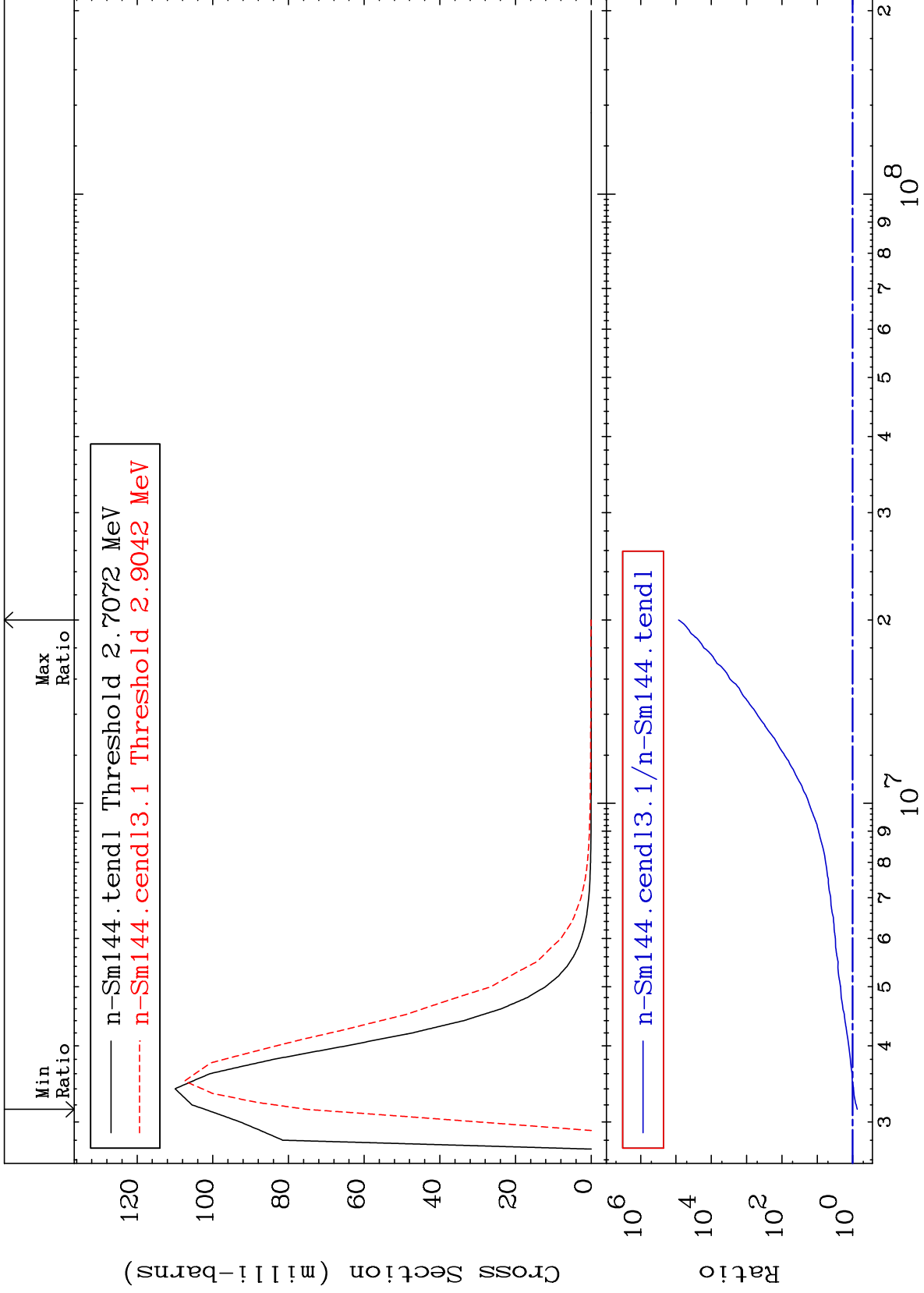
Incident Energy (eV)

62-Sm-144

MAT 6225

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

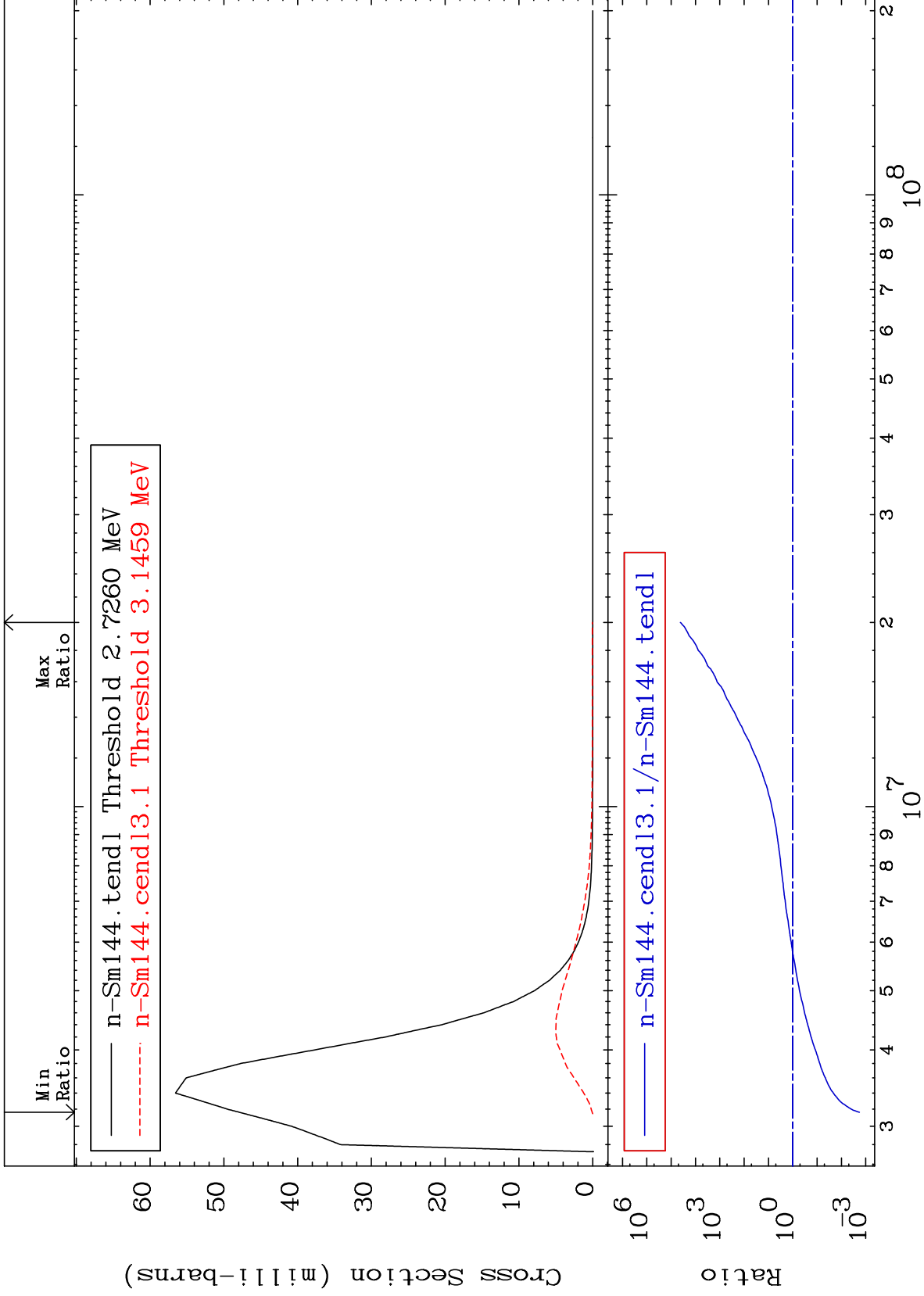
62-Sm-144
-26.30 To 9999. %



MAT 6225

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

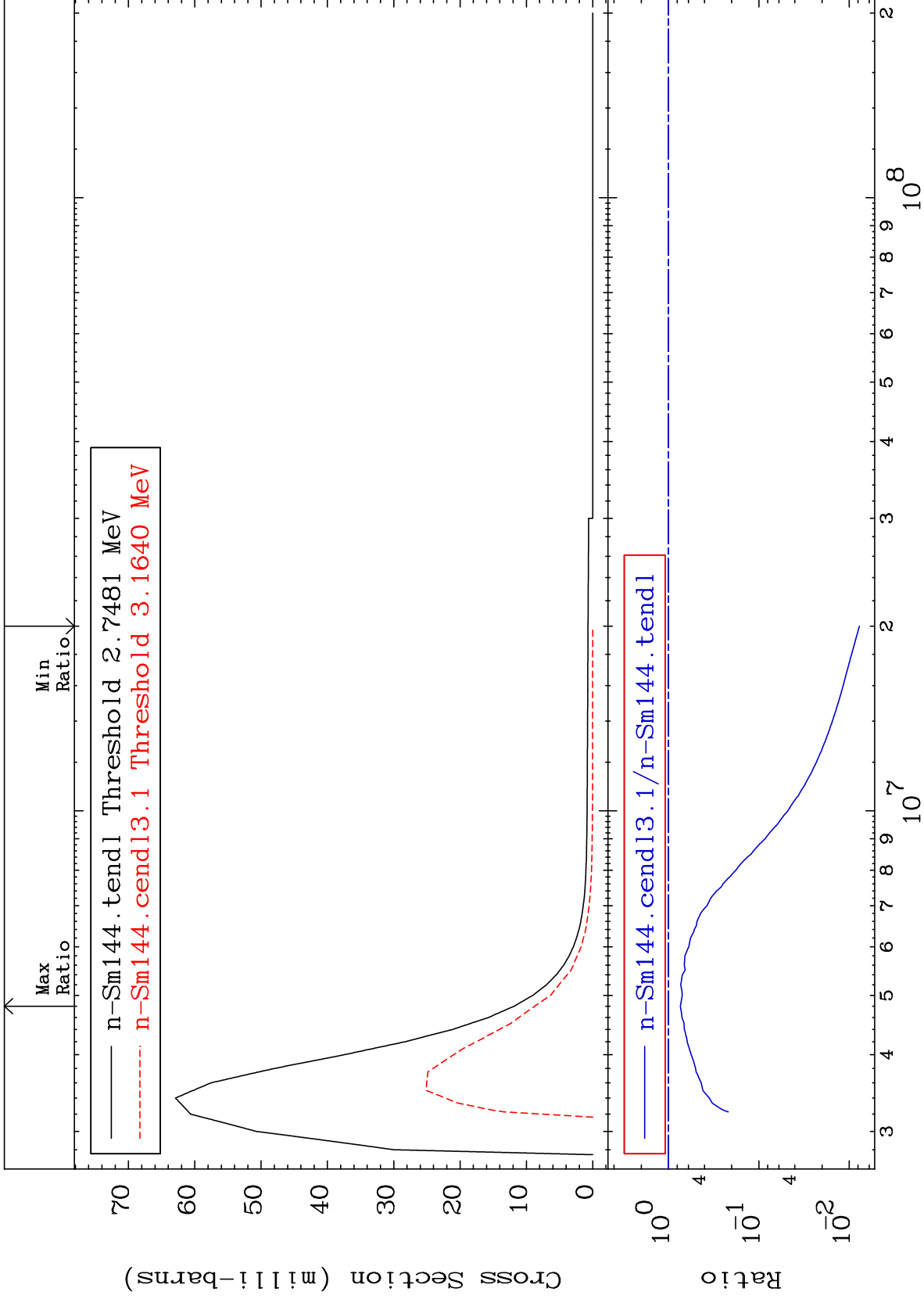
62-Sm-144
-99.82 To 9999. %



20

Incident Energy (eV)

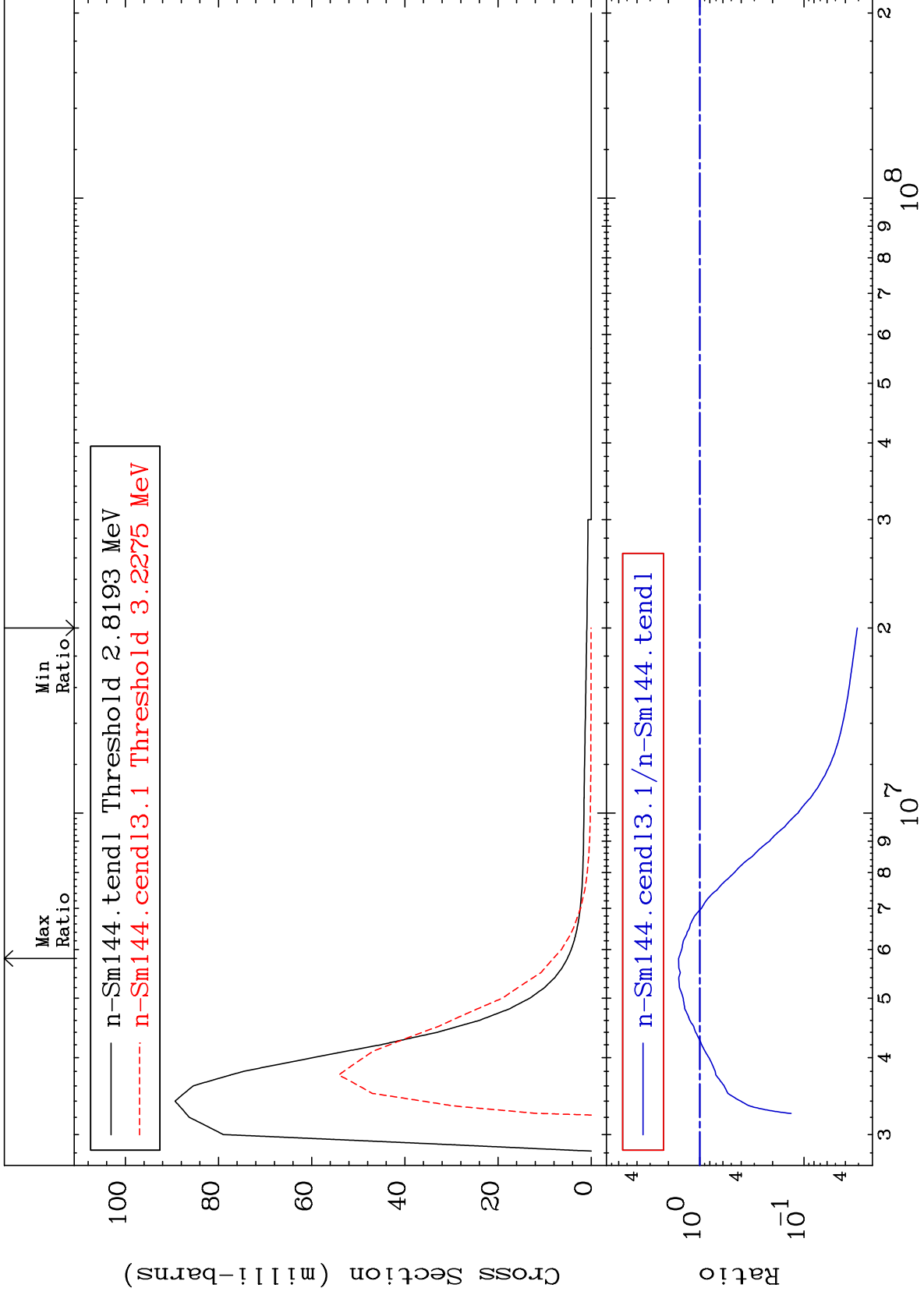
62-Sm-144

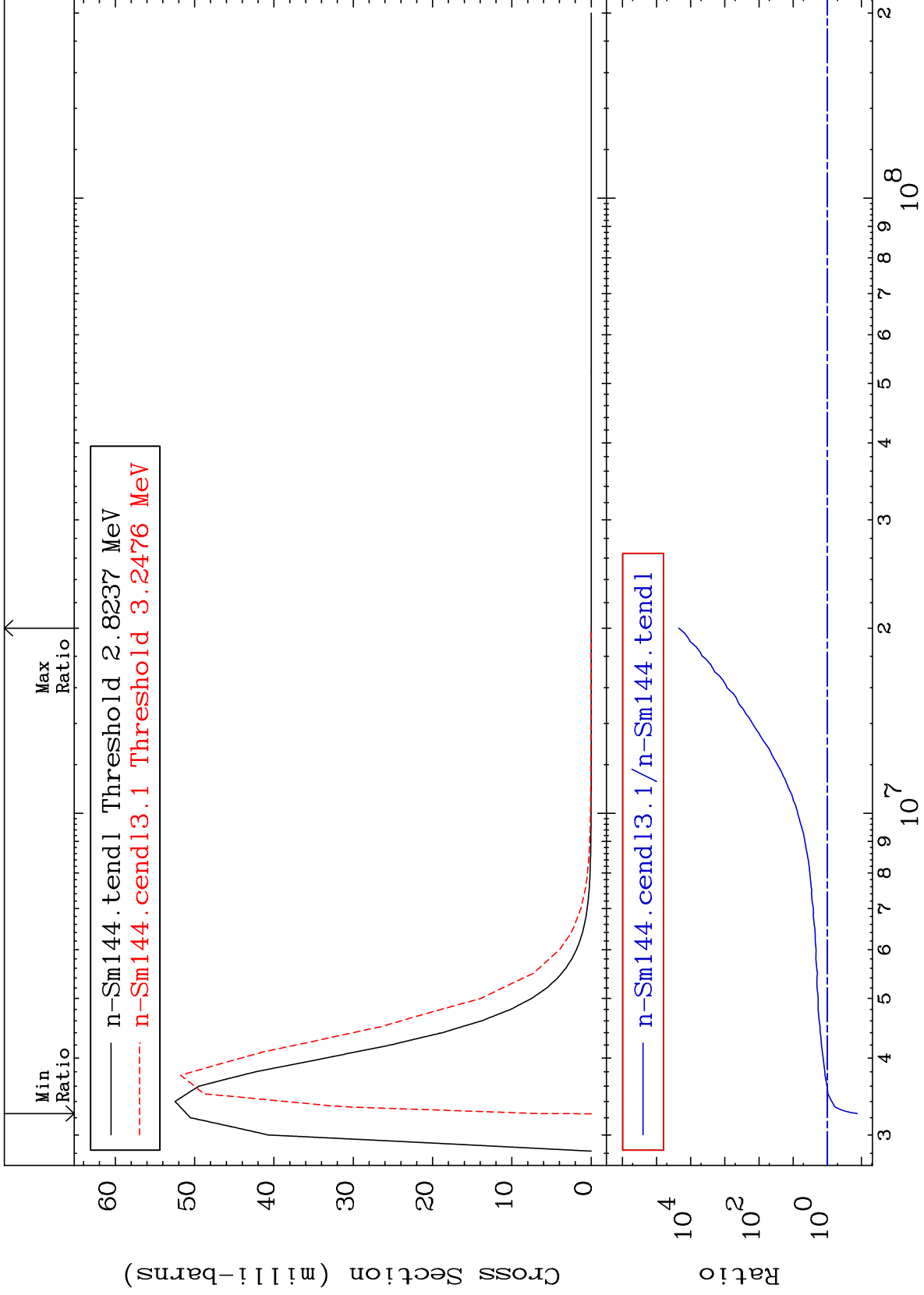


MAT 6225

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

62-Sm-144
-96.92 To 59.57 %

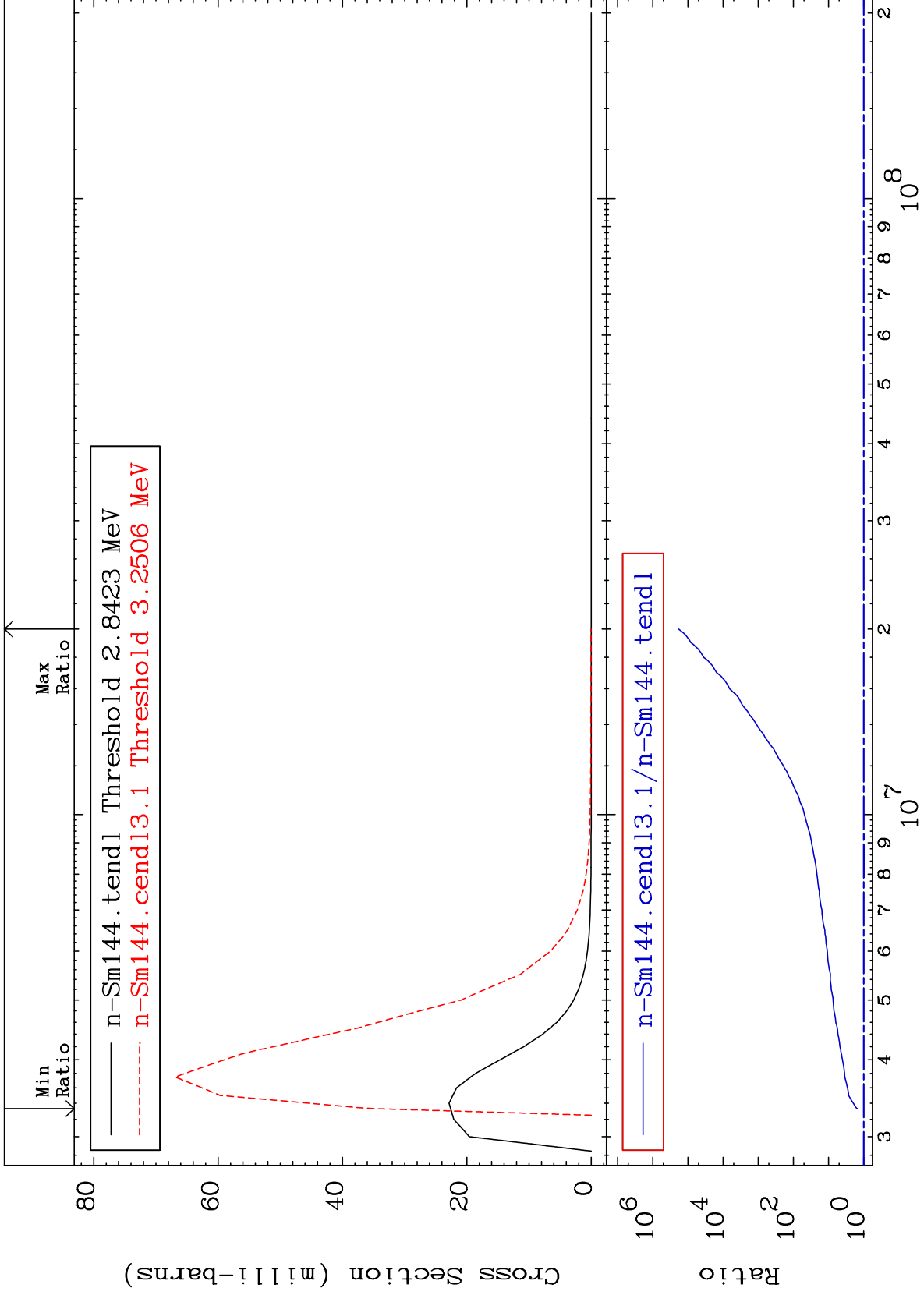




MAT 6225

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

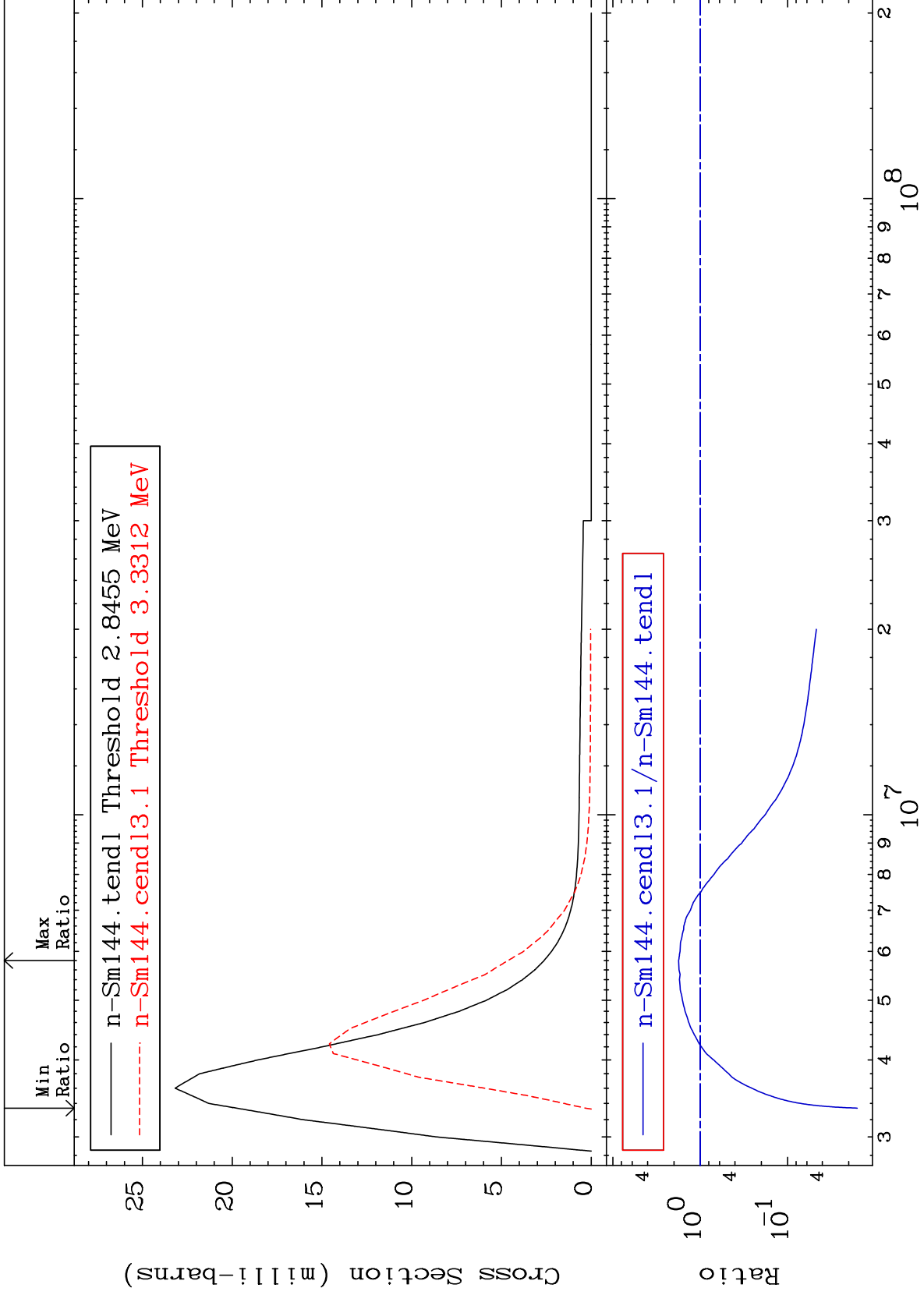
62-Sm-144
53.36 To 9999. %



MAT 6225

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

62-Sm-144
-98.40 To 76.89 %



25

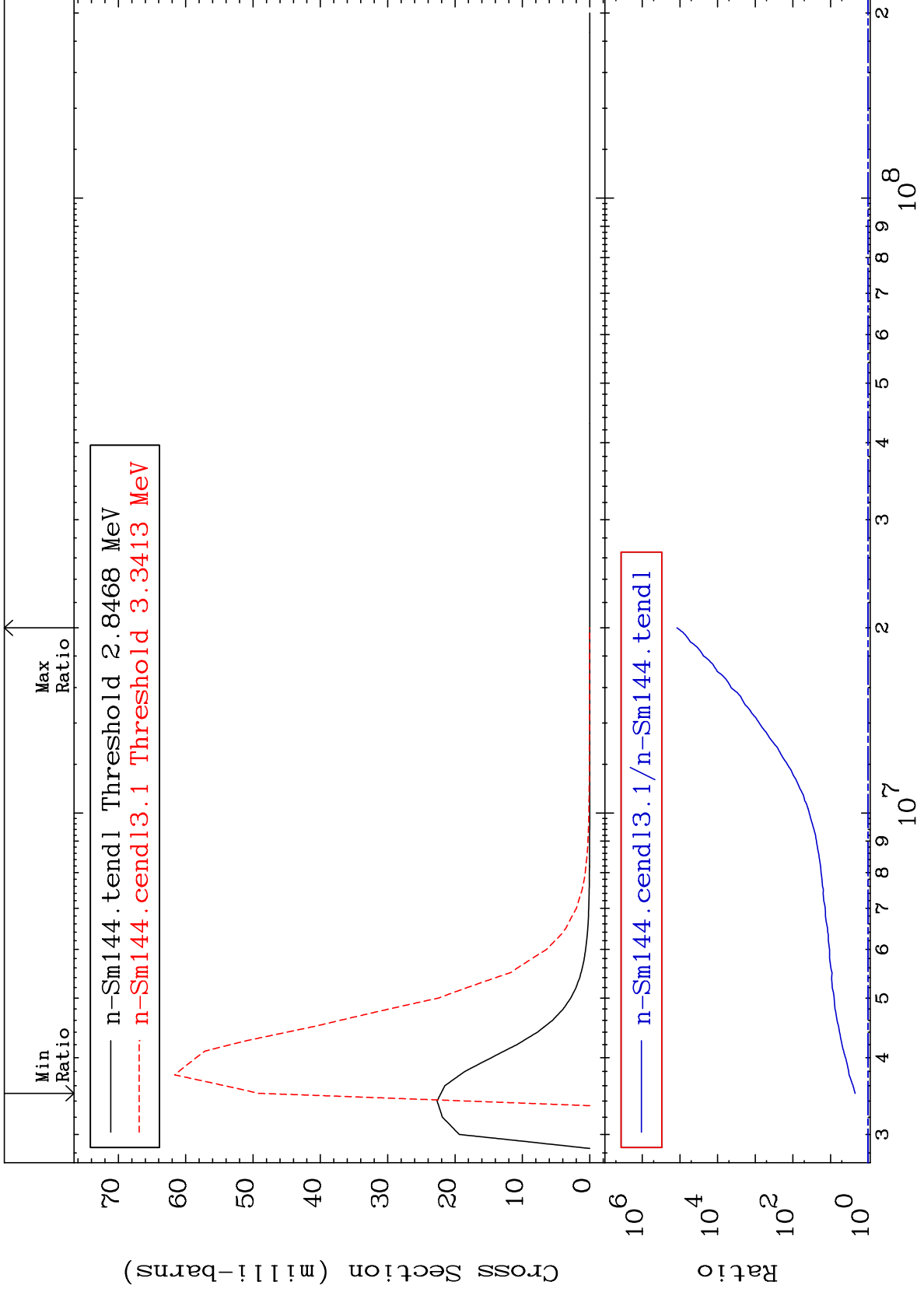
Incident Energy (eV)

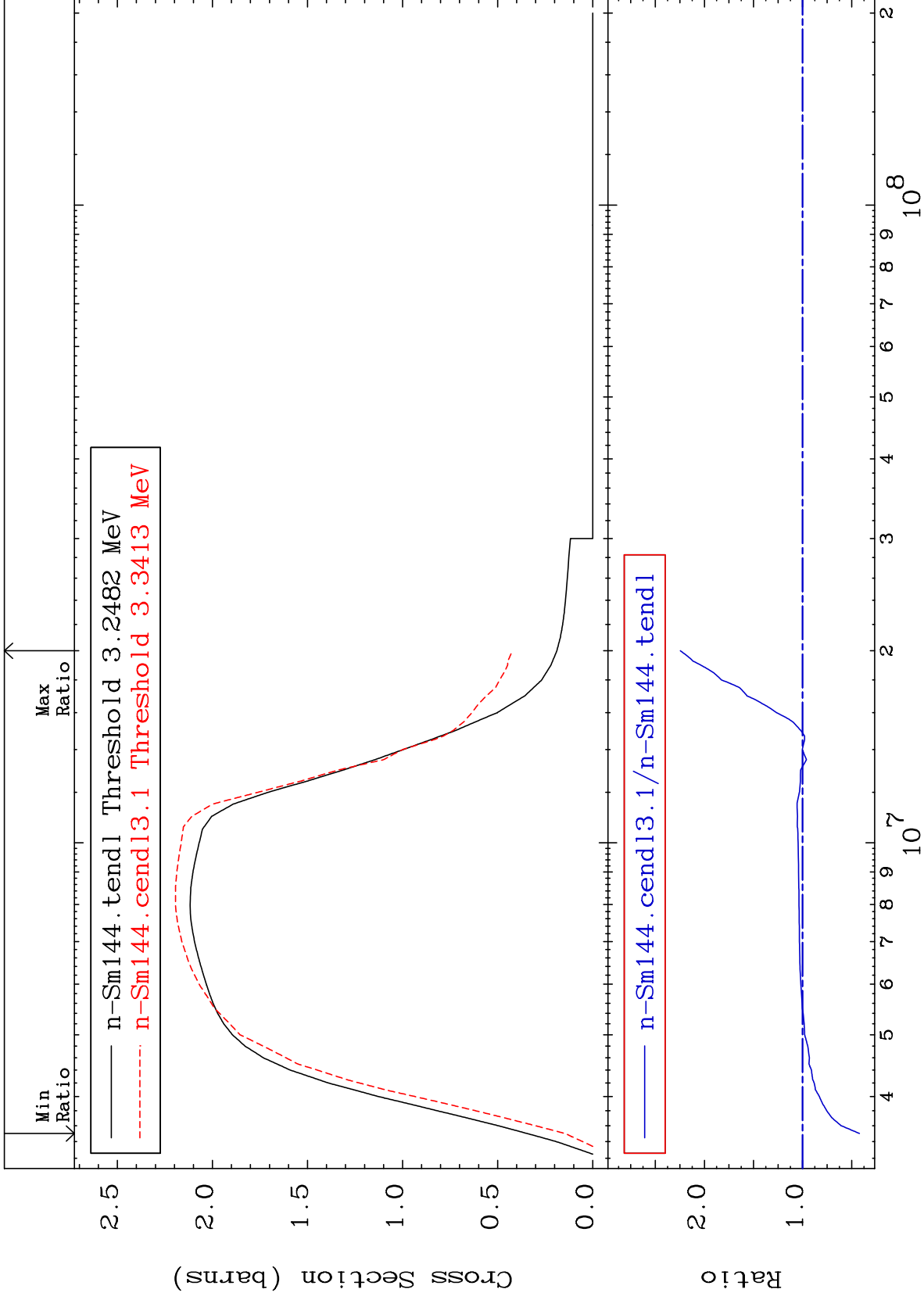
62-Sm-144

MAT 6225

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

62-Sm-144
122.5 To 9999. %





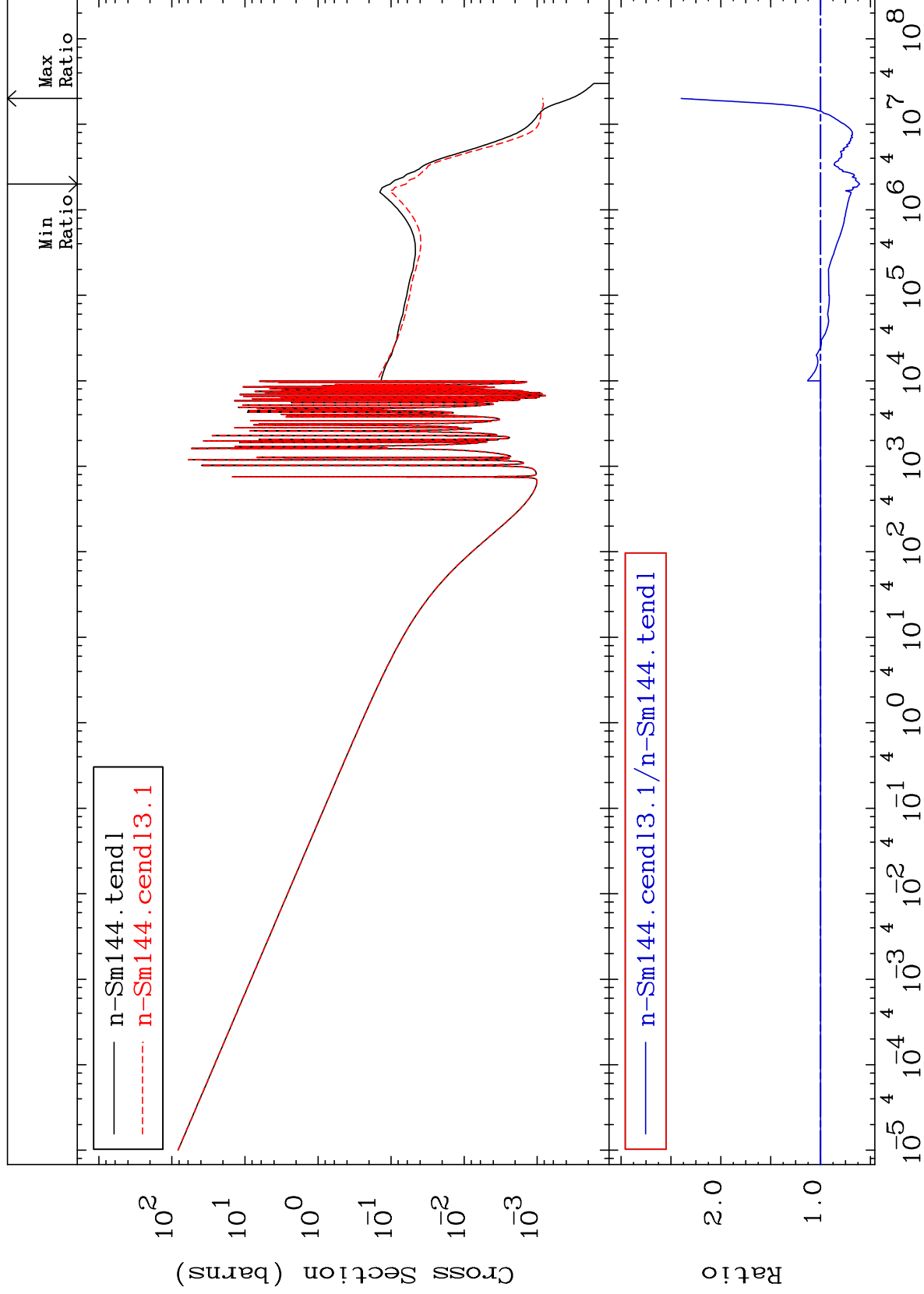
MAT 6225

(n, γ)

62-Sm-144

Cross Section

-39.24 To 139.8 %



28

Incident Energy (eV)

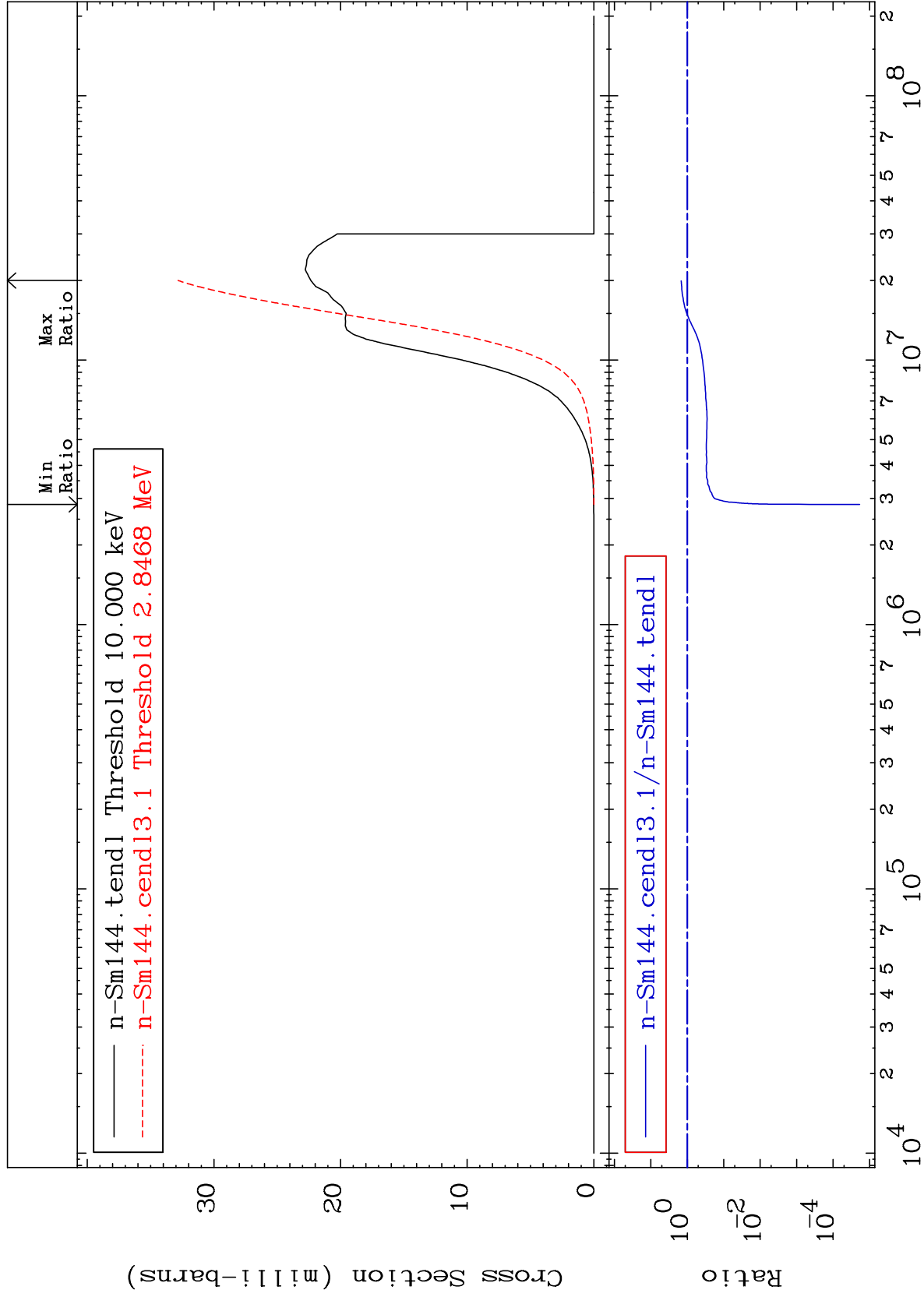
62-Sm-144

MAT 6225

(n, p)
Cross Section

62-Sm-144

-100.0 To 46.93 %



29

62-Sm-144

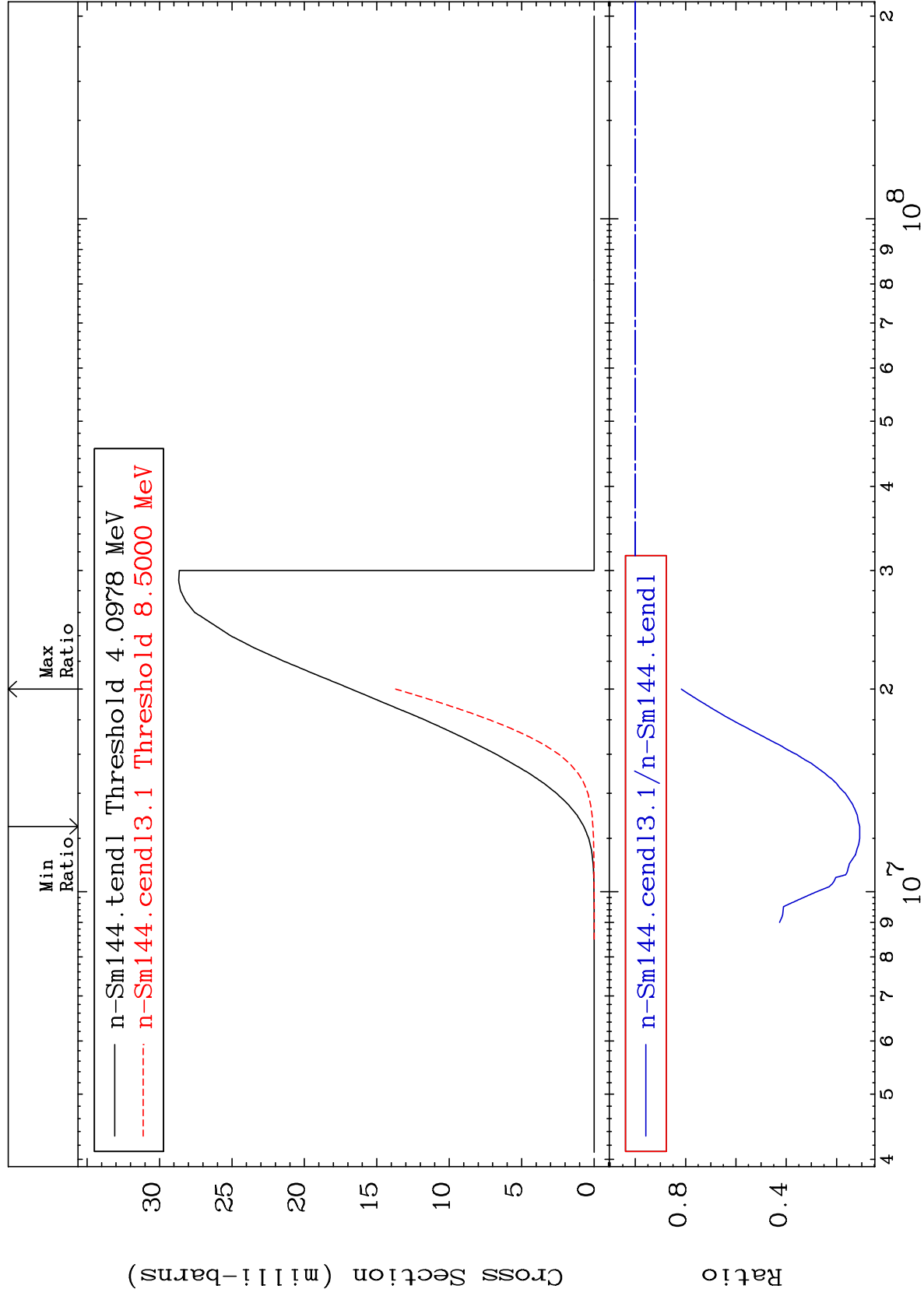
MAT 6225

(n, d)

62-Sm-144

Cross Section

-89.19 To -18.32%



30

Incident Energy (eV)

62-Sm-144

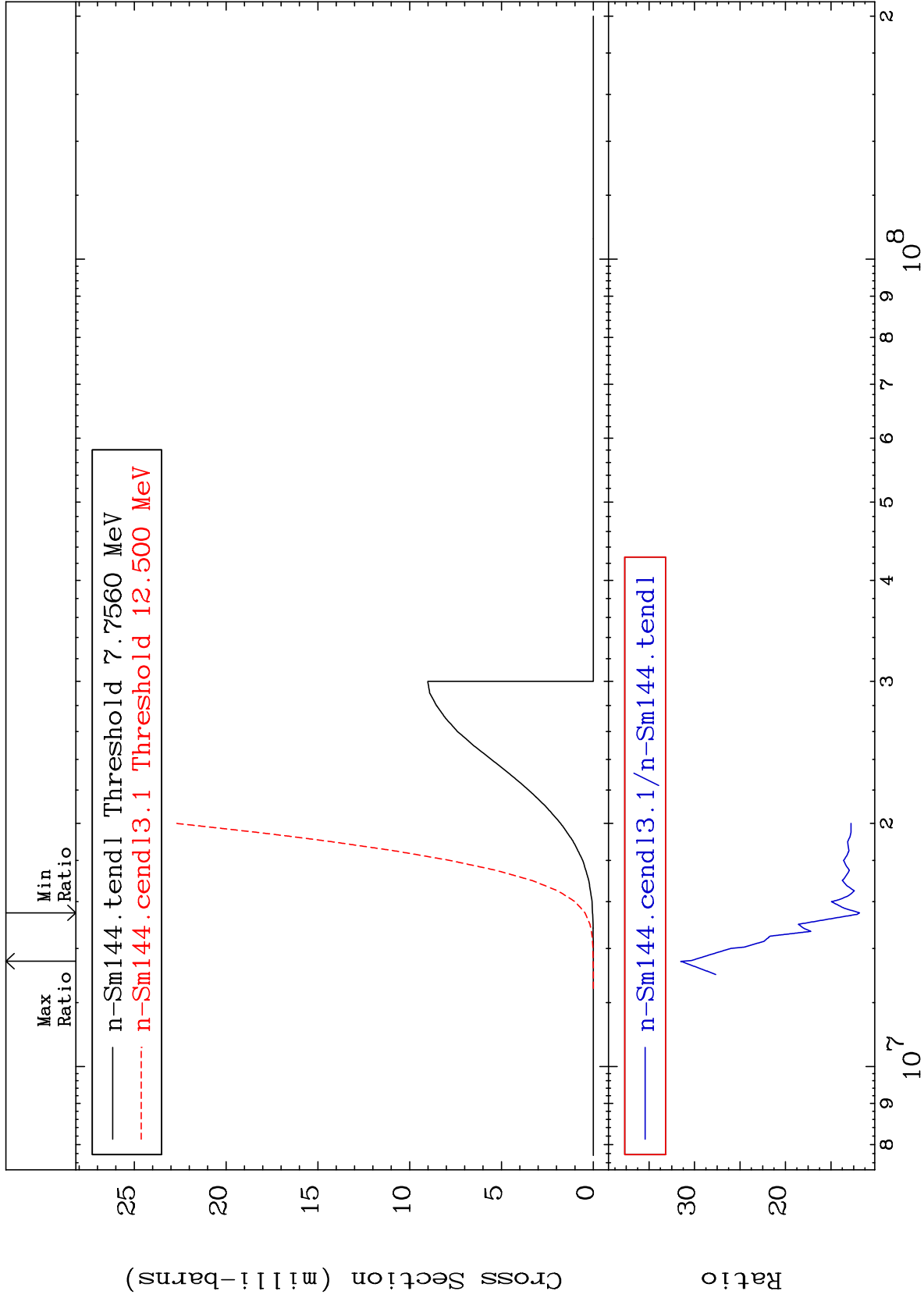
MAT 6225

(n, t)

62-Sm-144

Cross Section

1085. To 3051. %



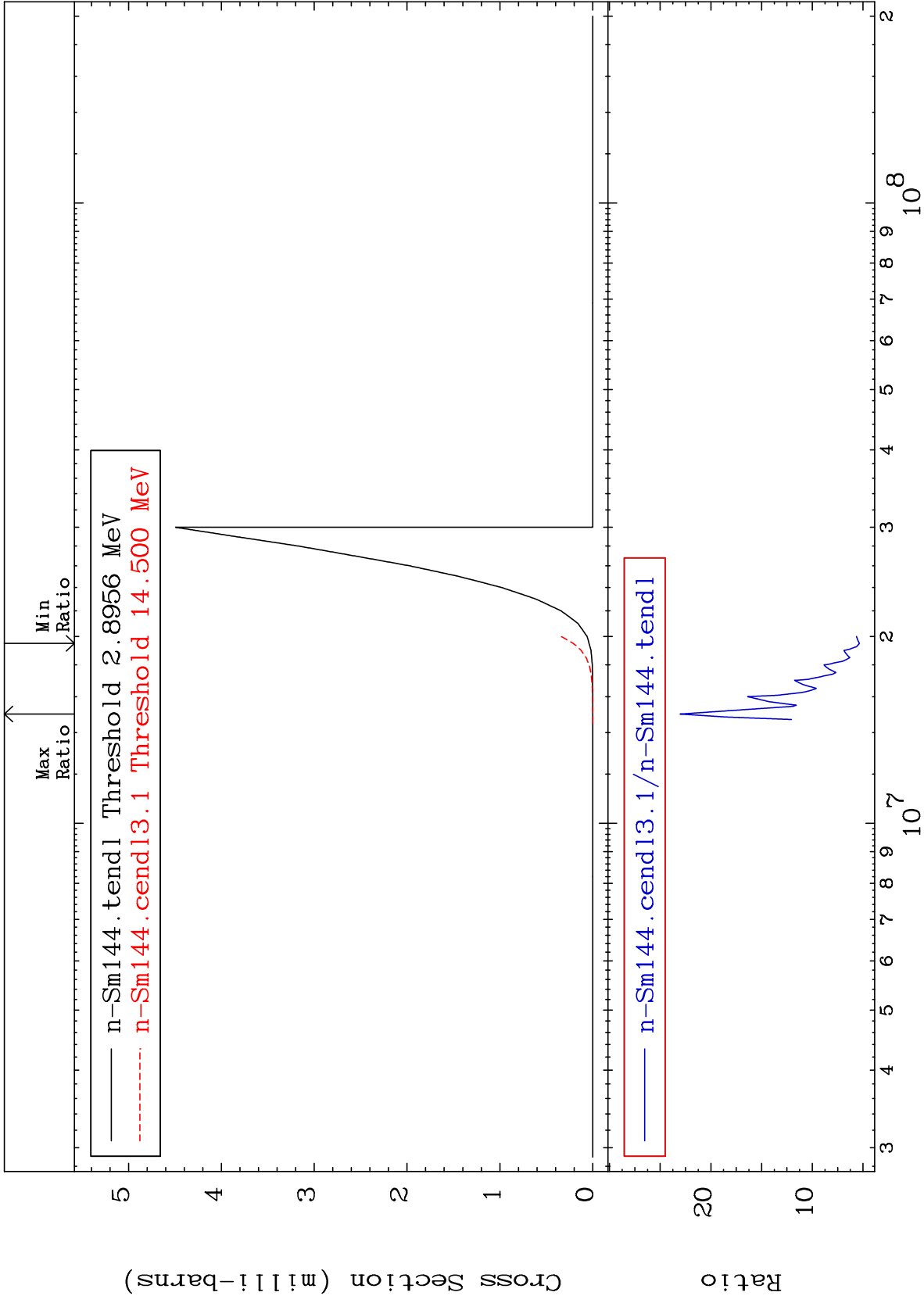
31

Incident Energy (eV)

62-Sm-144

MAT 6225

(n, He-3)
Cross Section
62-Sm-144
435.1 To 2201. %



32

Incident Energy (eV)

62-Sm-144

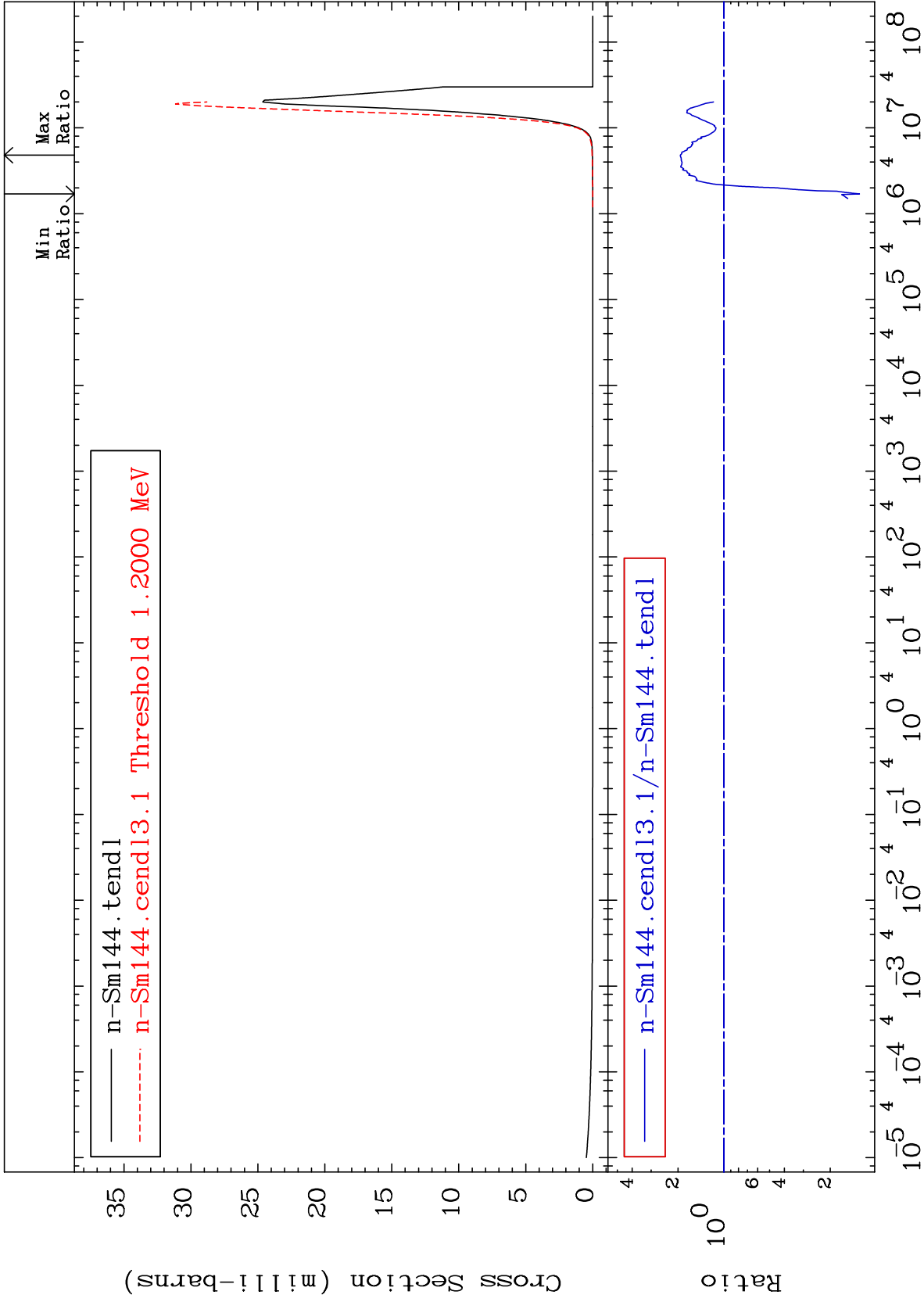
MAT 6225

(n, α)

62-Sm-144

Cross Section

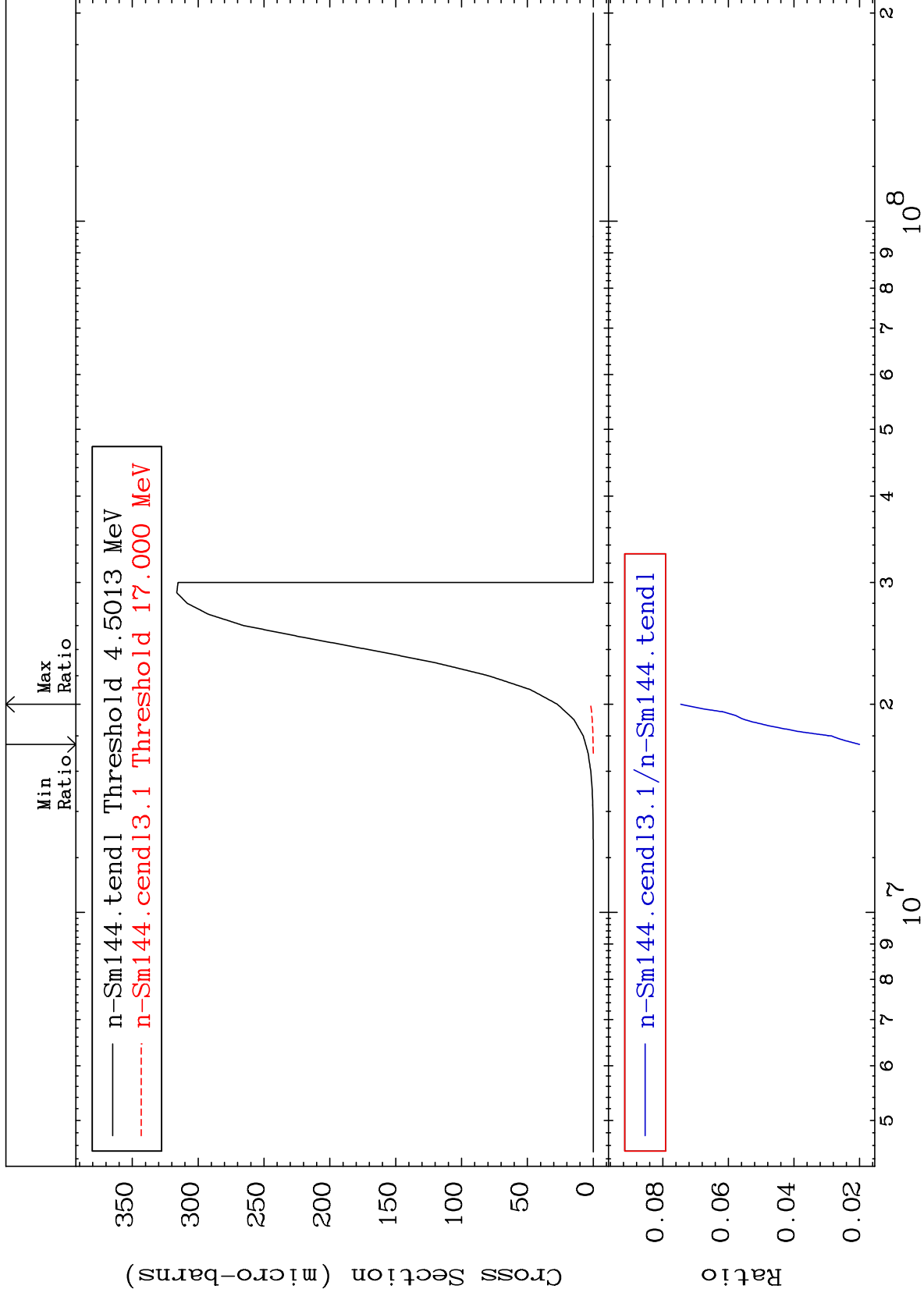
-87.15 To 92.95 %

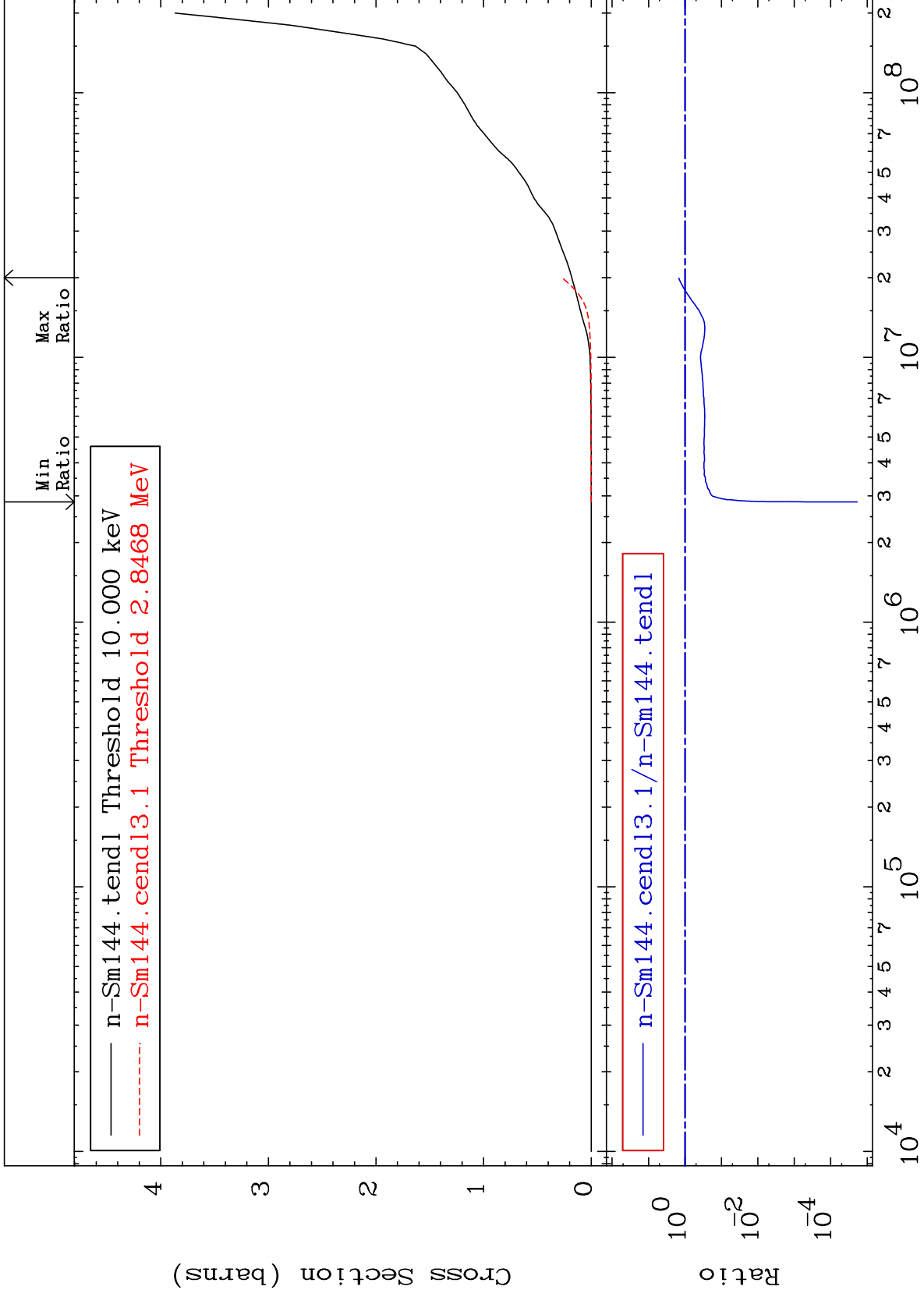


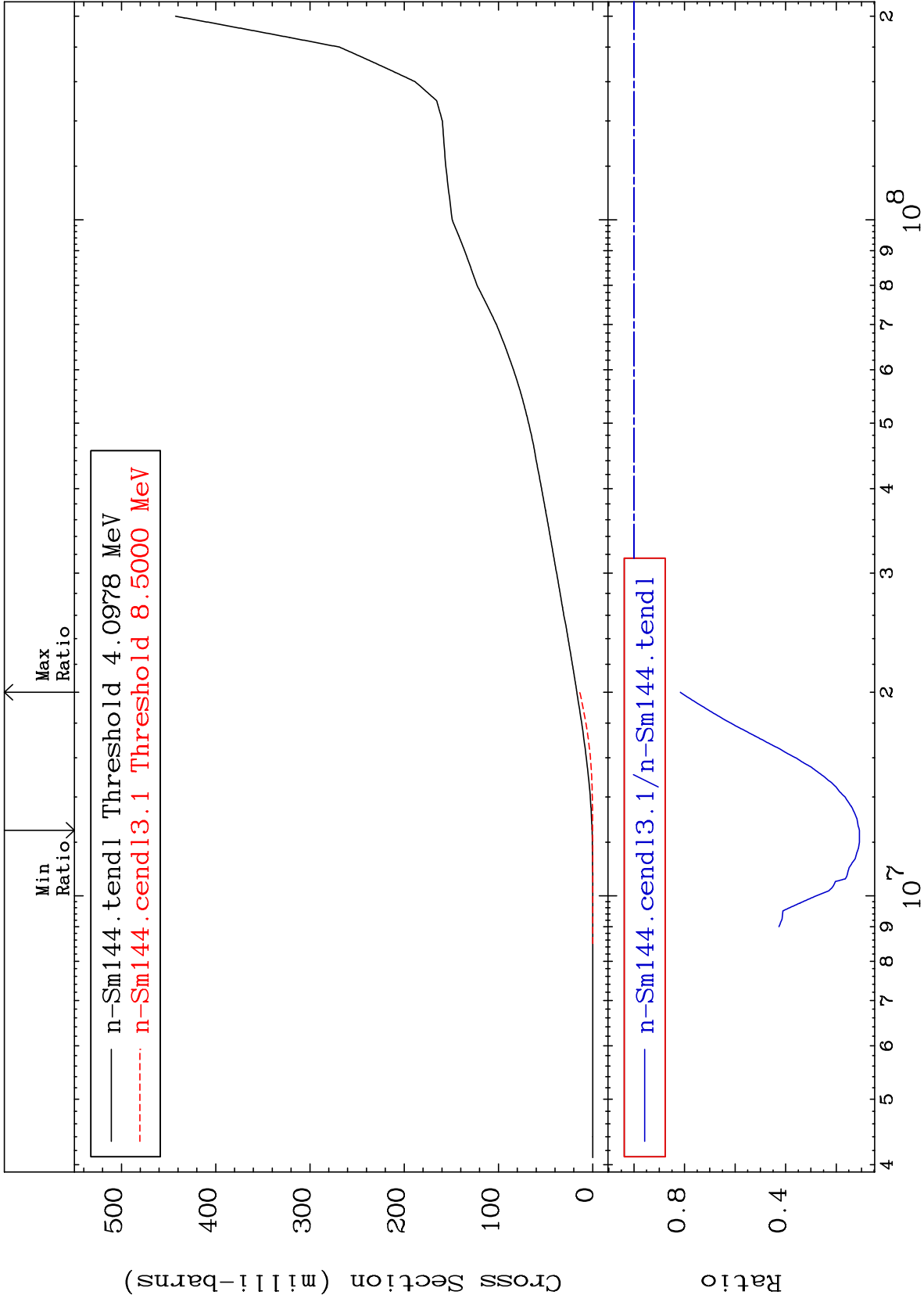
MAT 6225

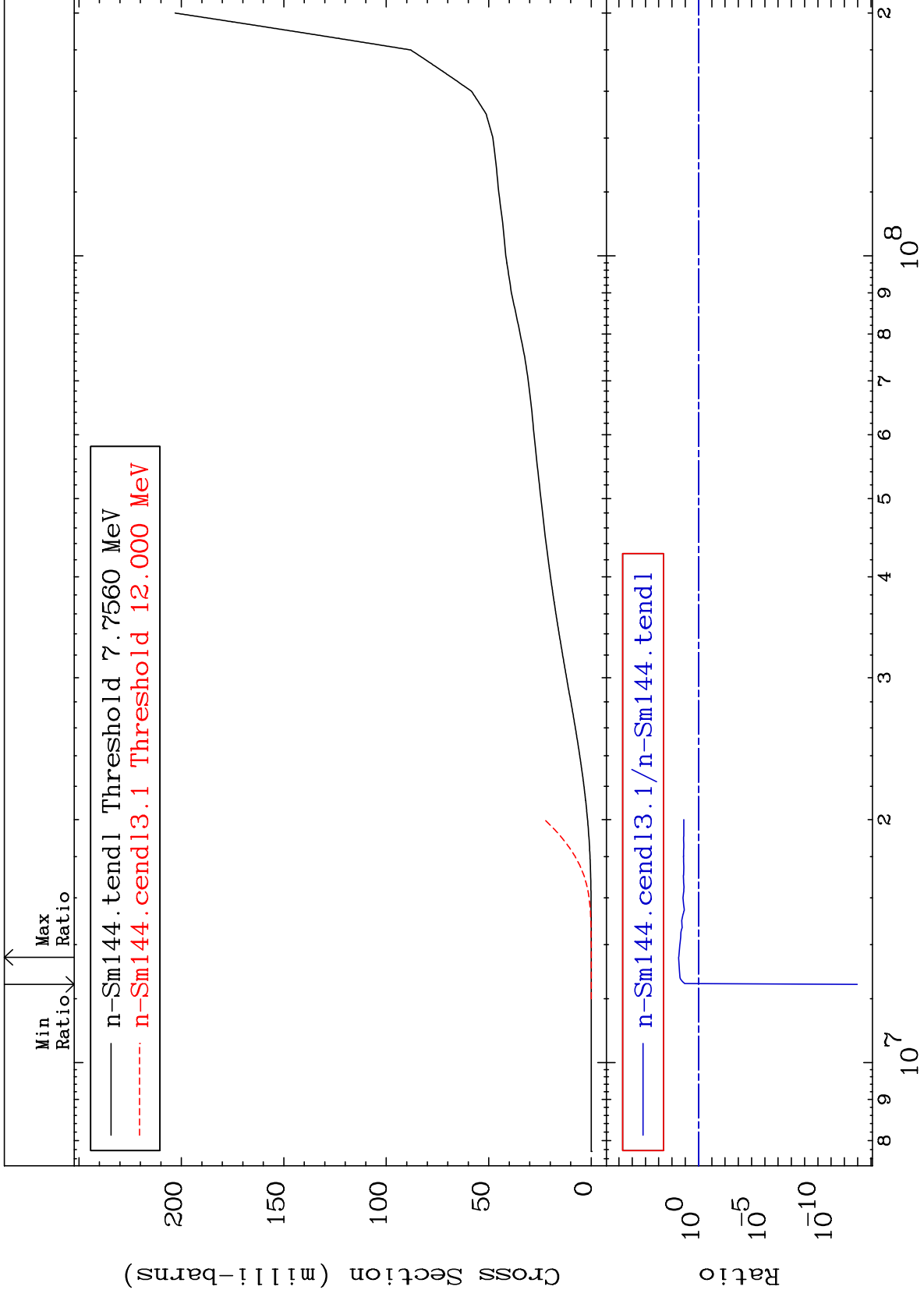
(n,2p)
Cross Section

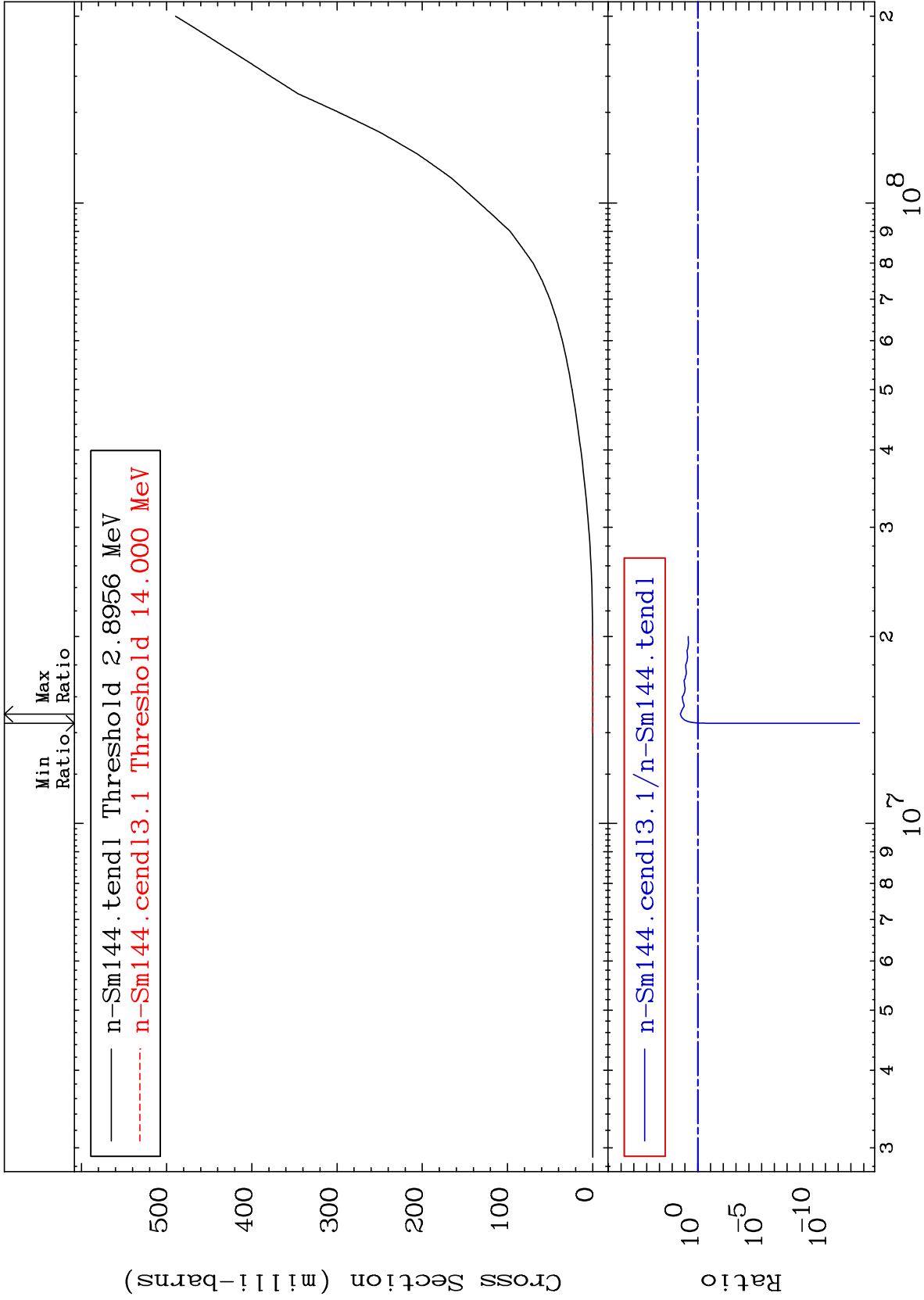
62-Sm-144
-98.00 To -92.55%

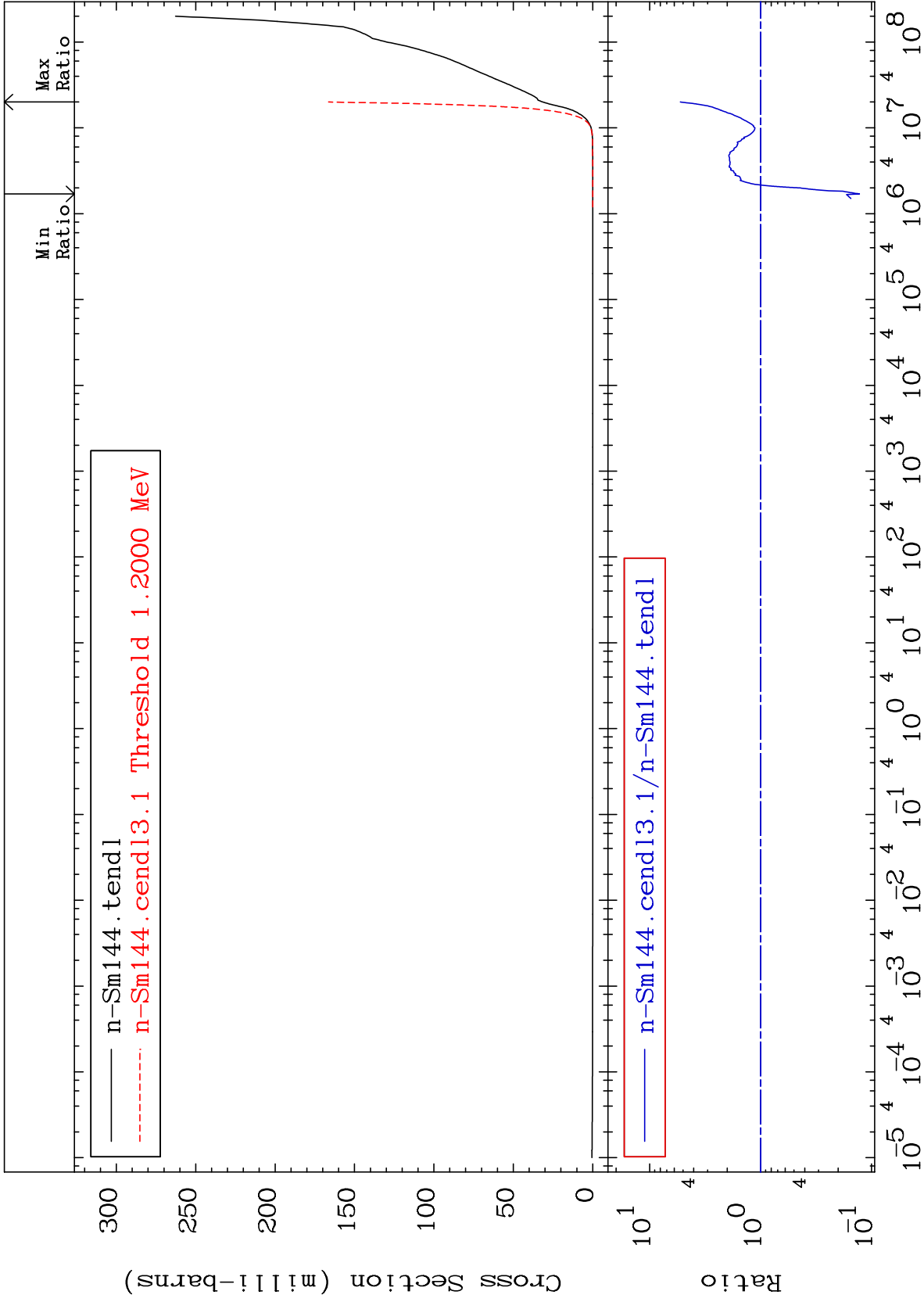








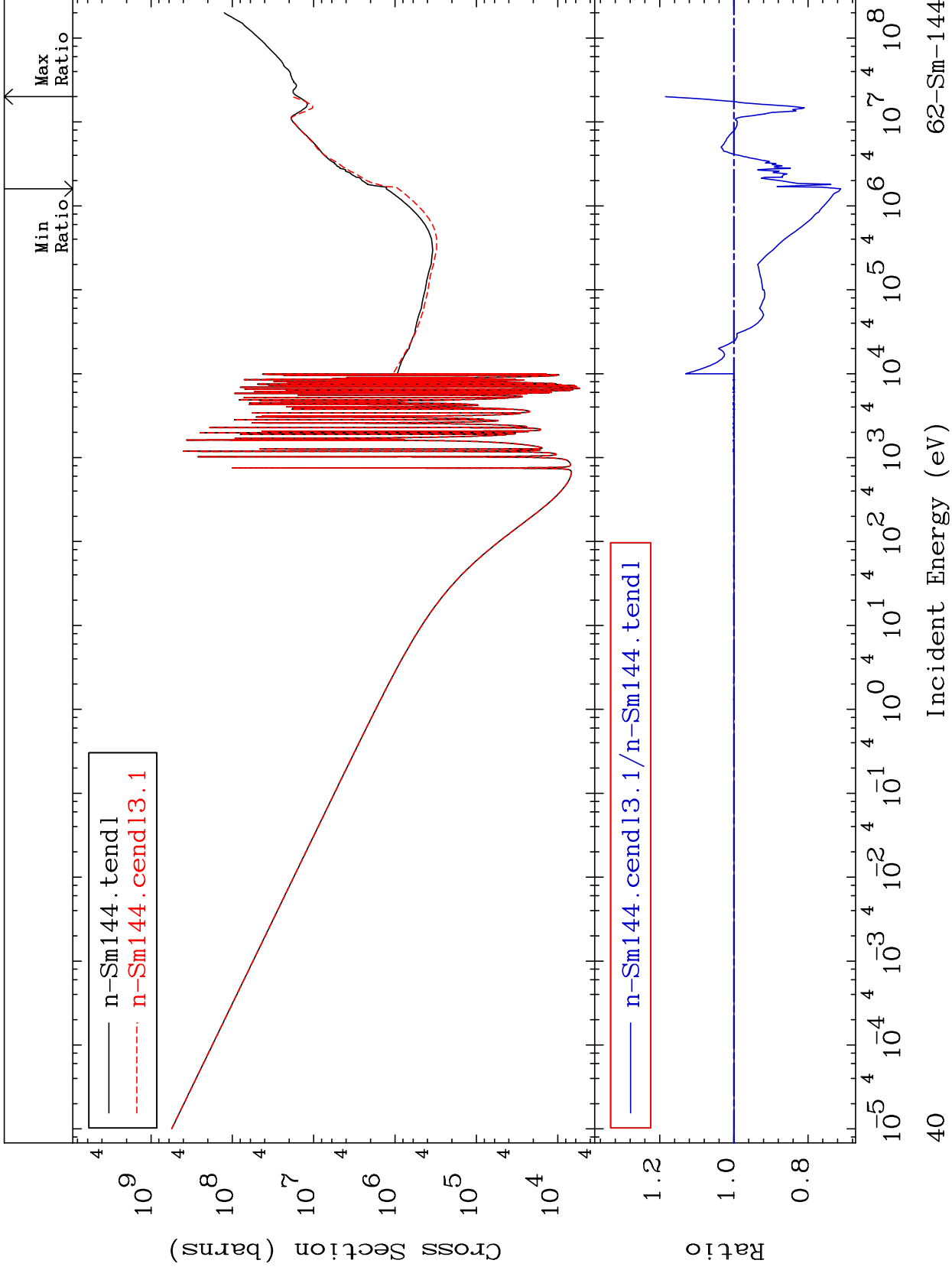




MAT 6225

Kerma total (eV-barns)
Cross Section

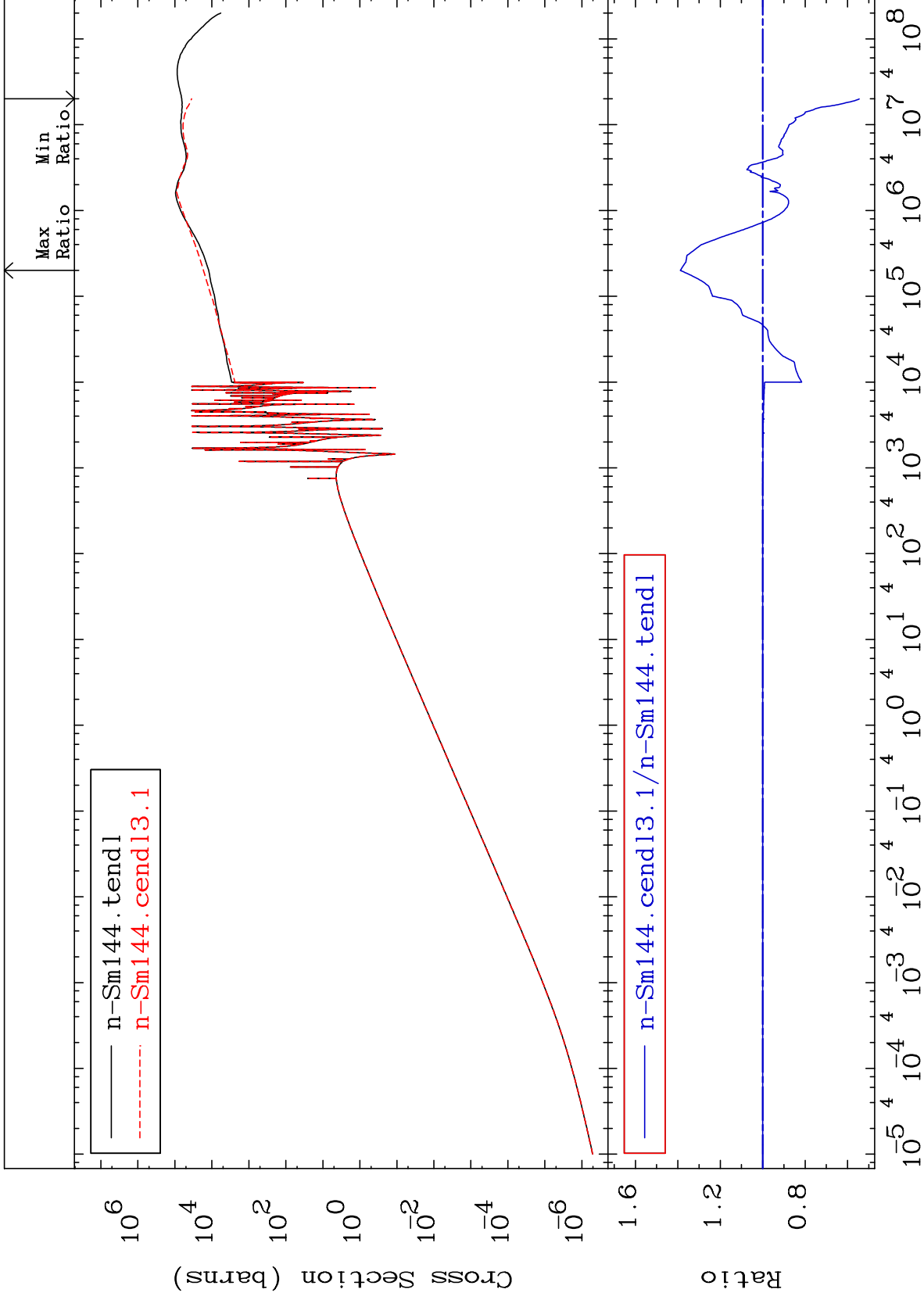
62-Sm-144
-28.82 To 18.45 %

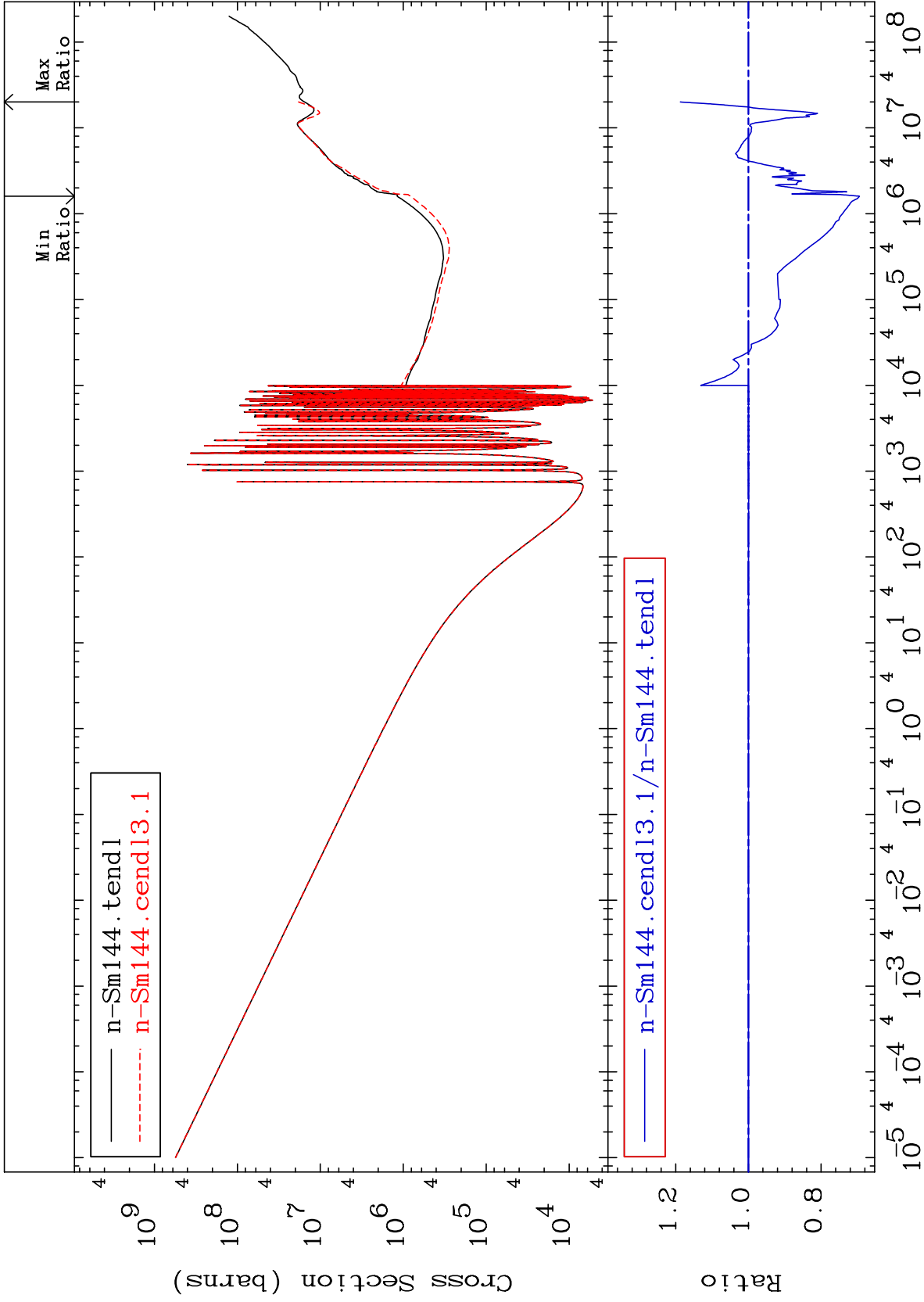


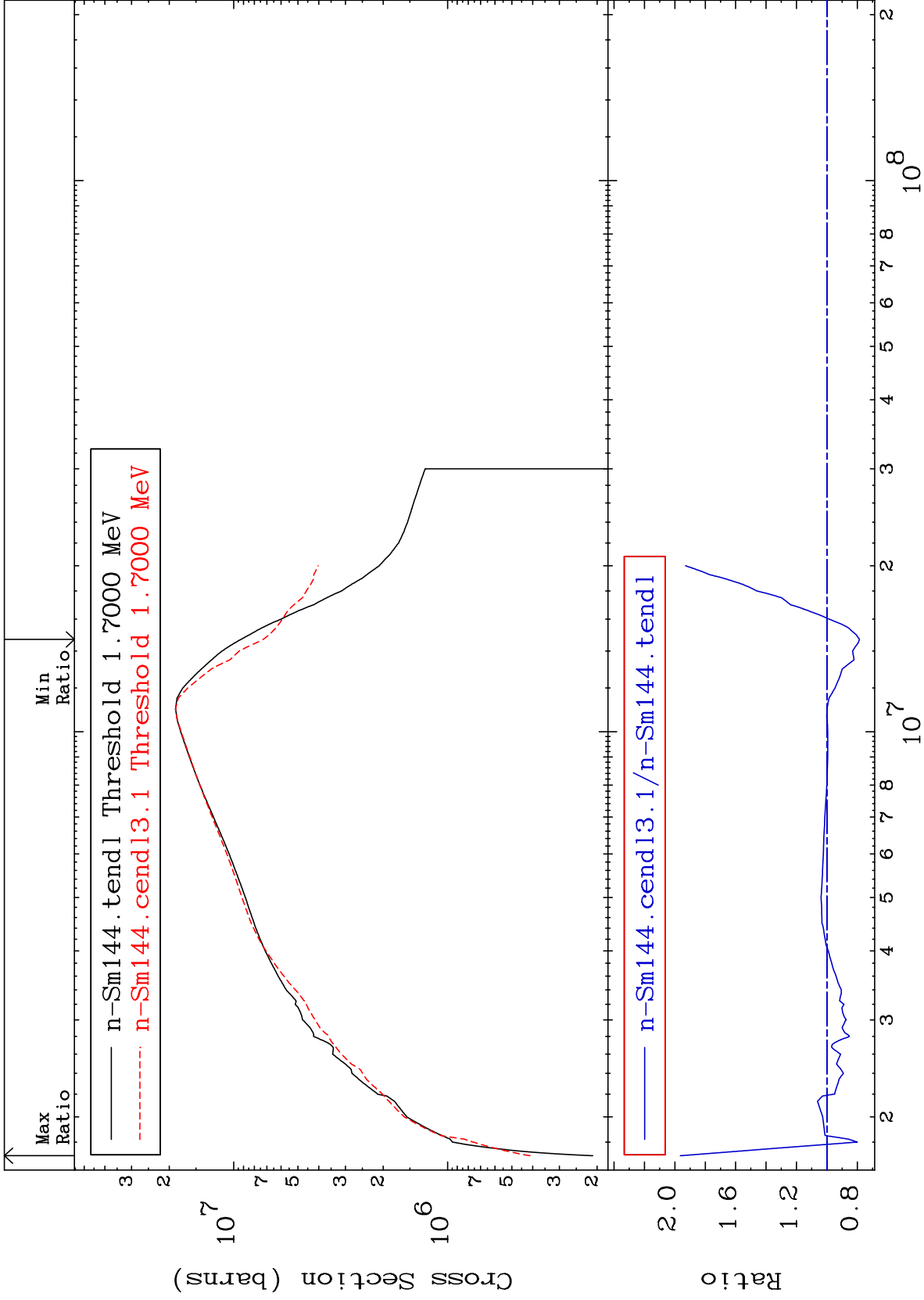
MAT 6225

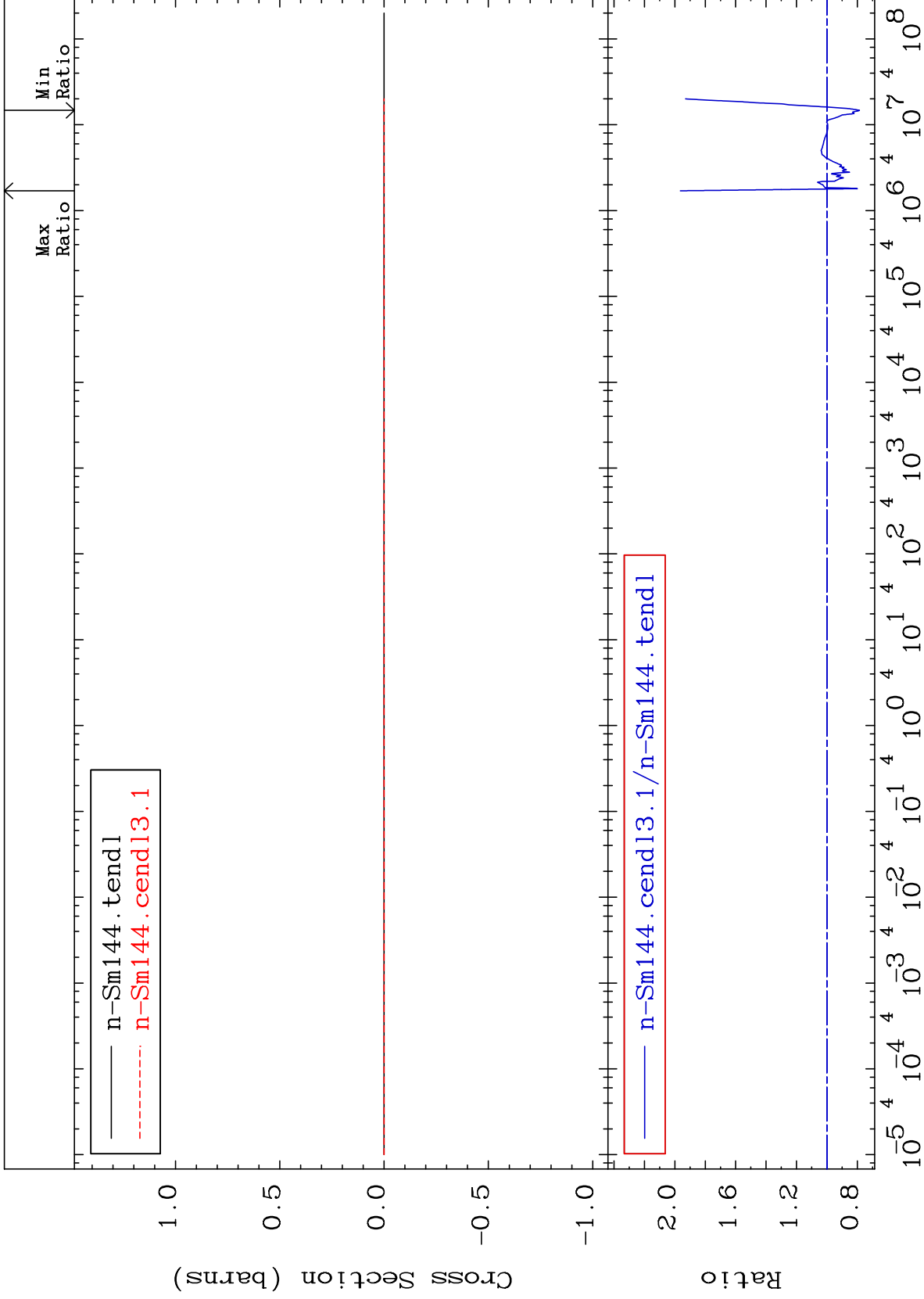
Kerma elastic
Cross Section

62-Sm-144
-45.60 To 38.82 %





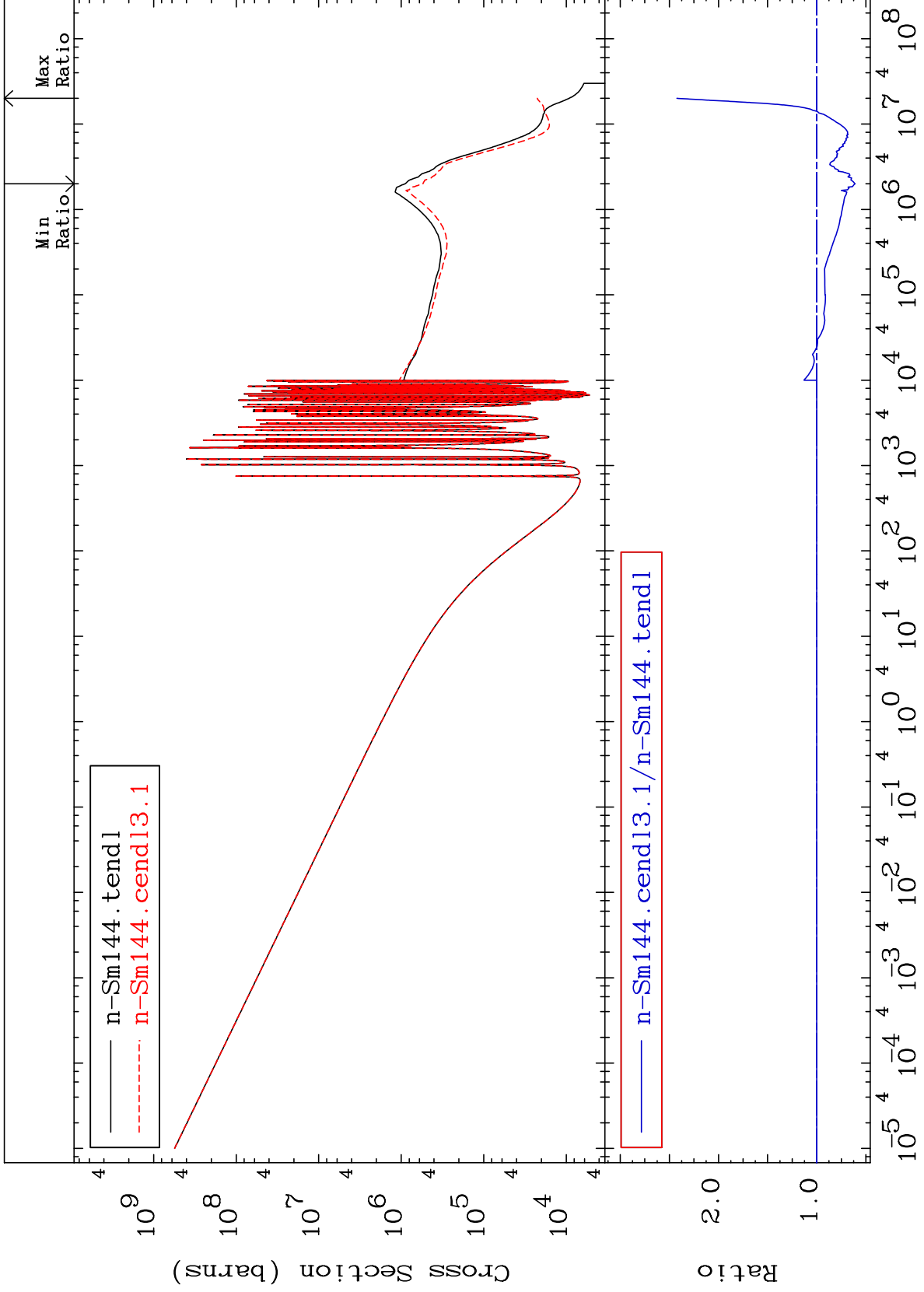




MAT 6225

Kerma capture (mt102)
Cross Section

62-Sm-144
-39.04 To 142.3 %



45

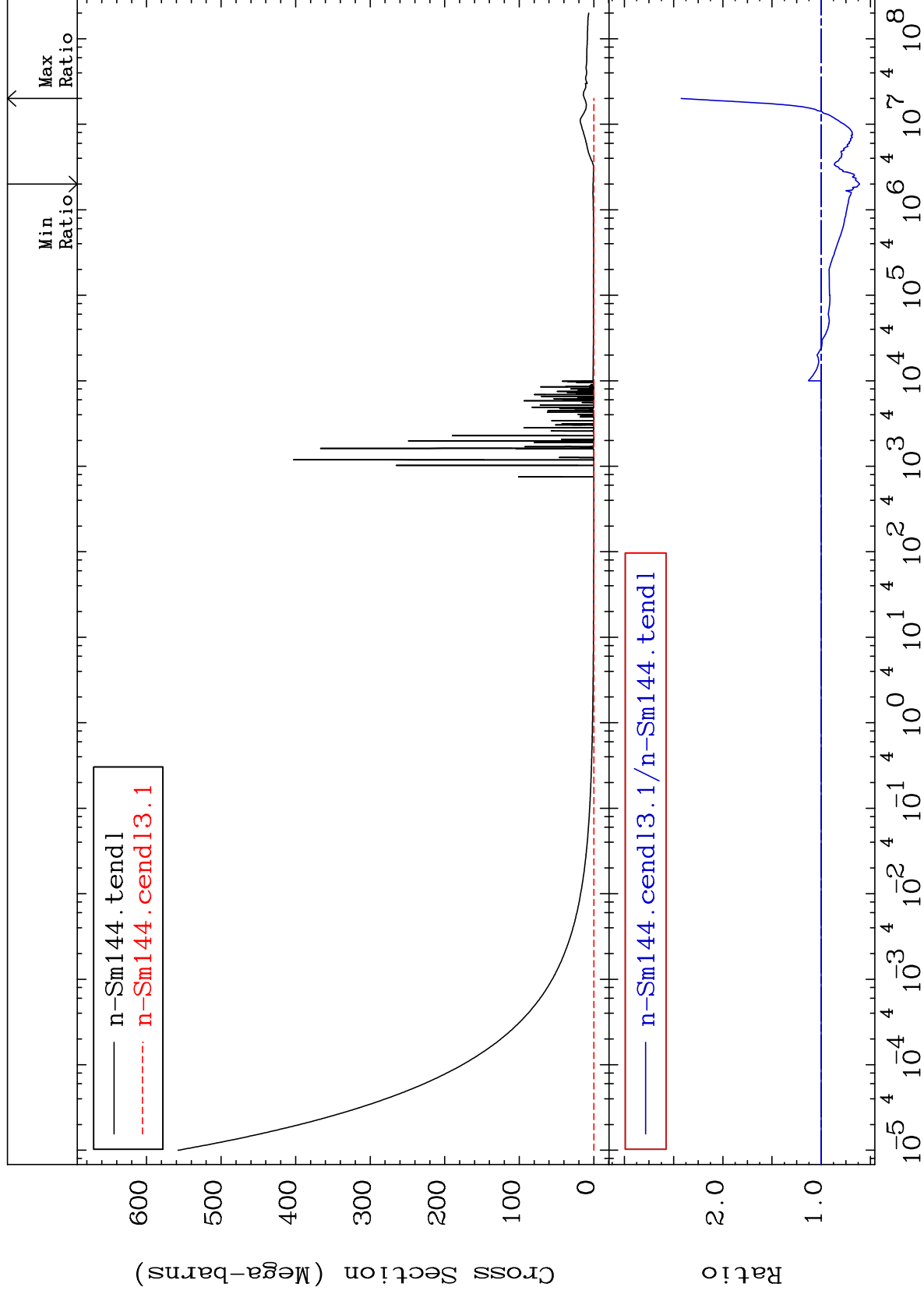
Incident Energy (eV)

62-Sm-144

MAT 6225

Total photon (eV-barns)
Cross Section

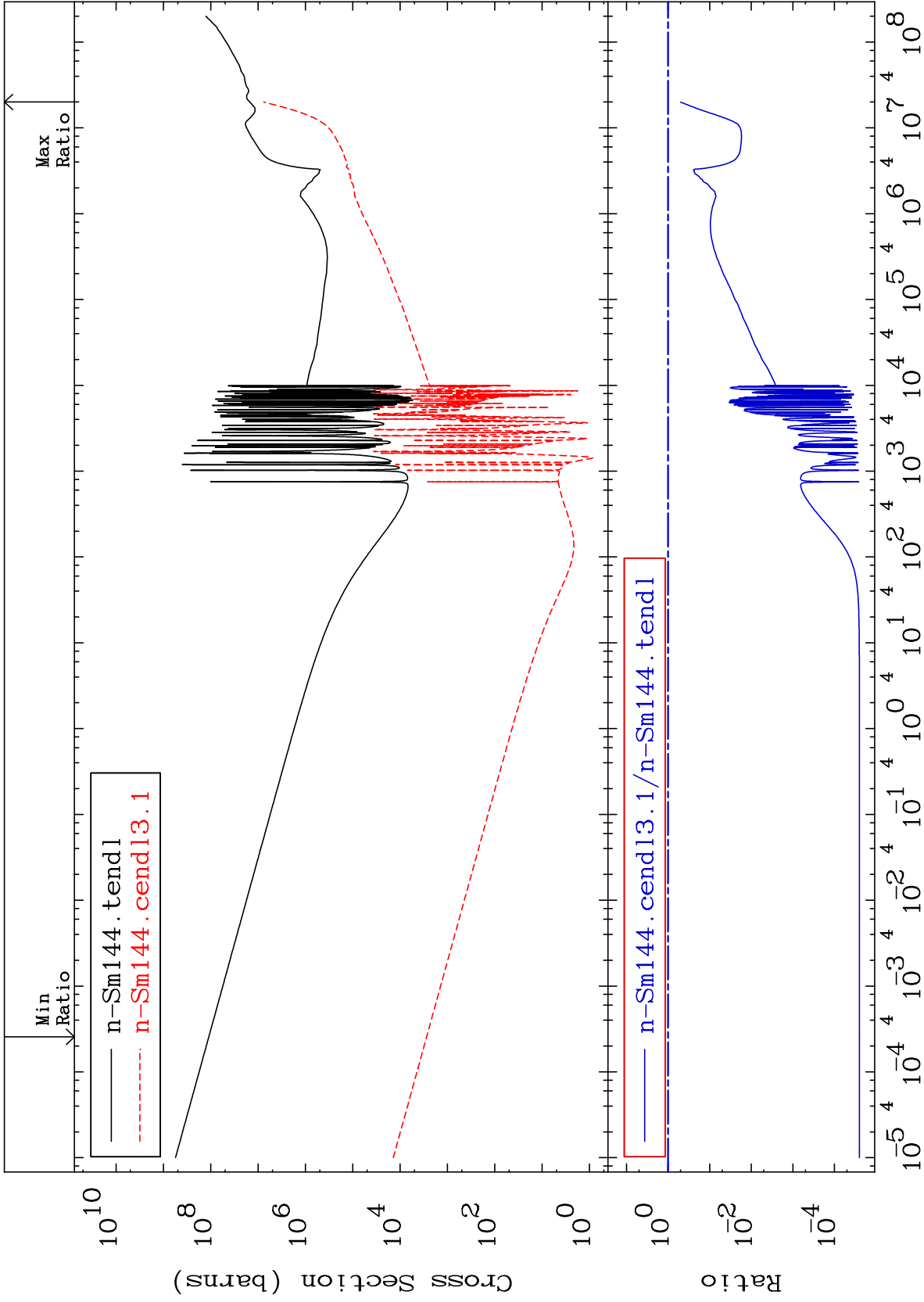
62-Sm-144
-39.04 To 142.3 %

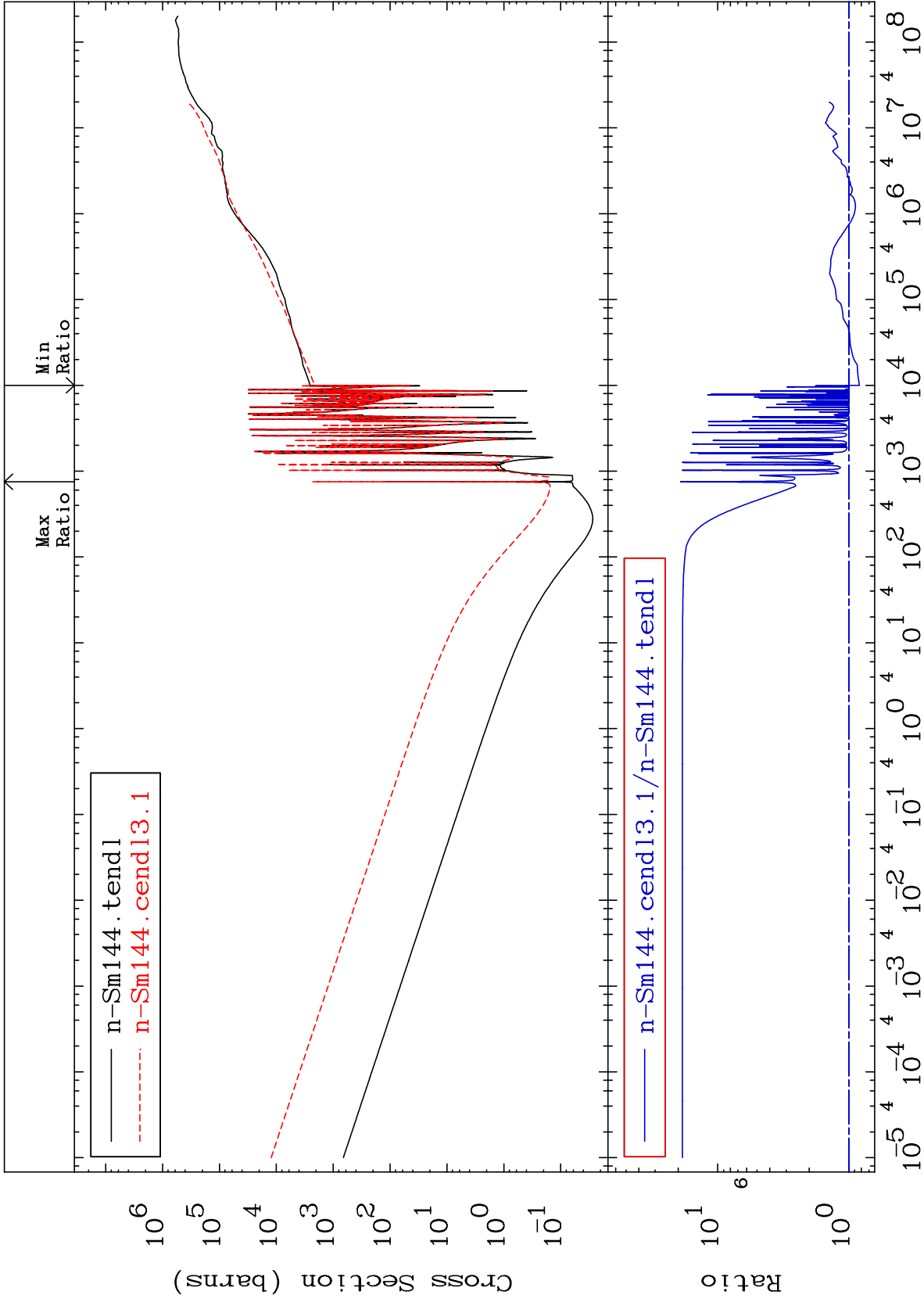


46

Incident Energy (eV)

62-Sm-144





MAT 6225

Dpa elastic (mt2)
Cross Section

62-Sm-144
-43.62 To 455.7 %

