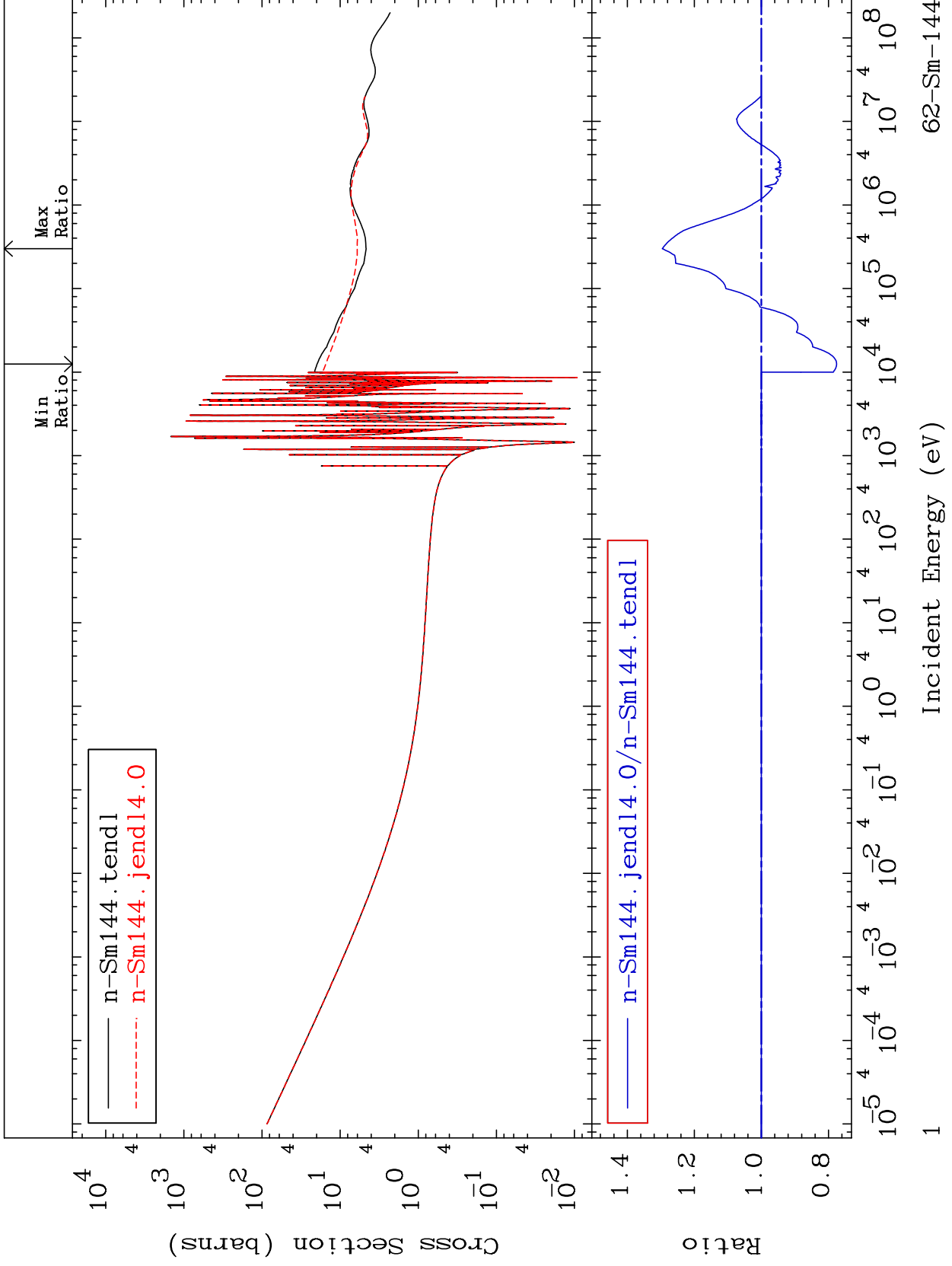


MAT 6225

Total
Cross Section

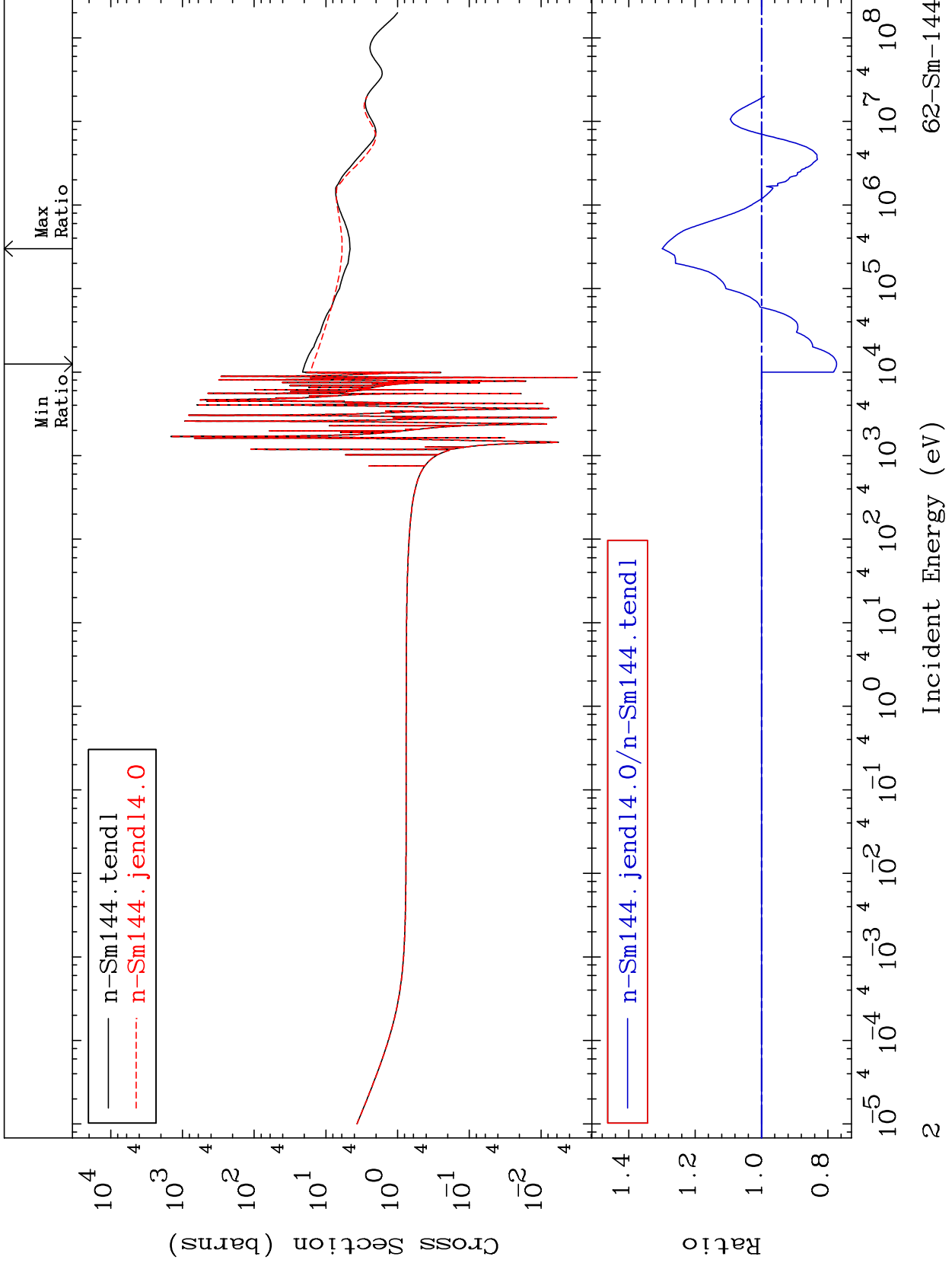
62-Sm-144
-22.44 To 29.55 %



MAT 6225

Elastic
Cross Section

62-Sm-144
-22.63 To 29.89 %



62-Sm-144

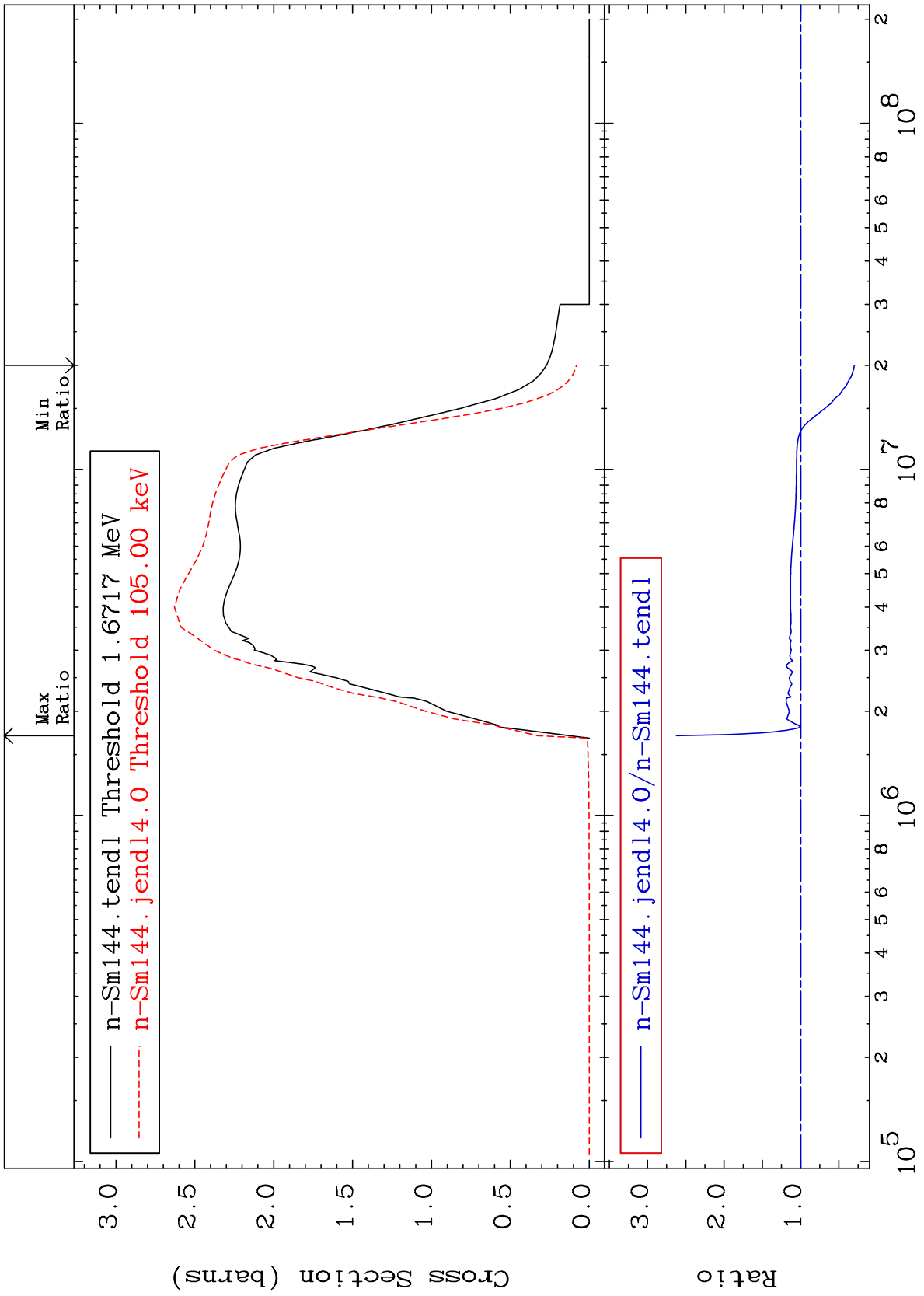
Incident Energy (eV)

2

MAT 6225

62-Sm-144
-70.24 To 162.3 %

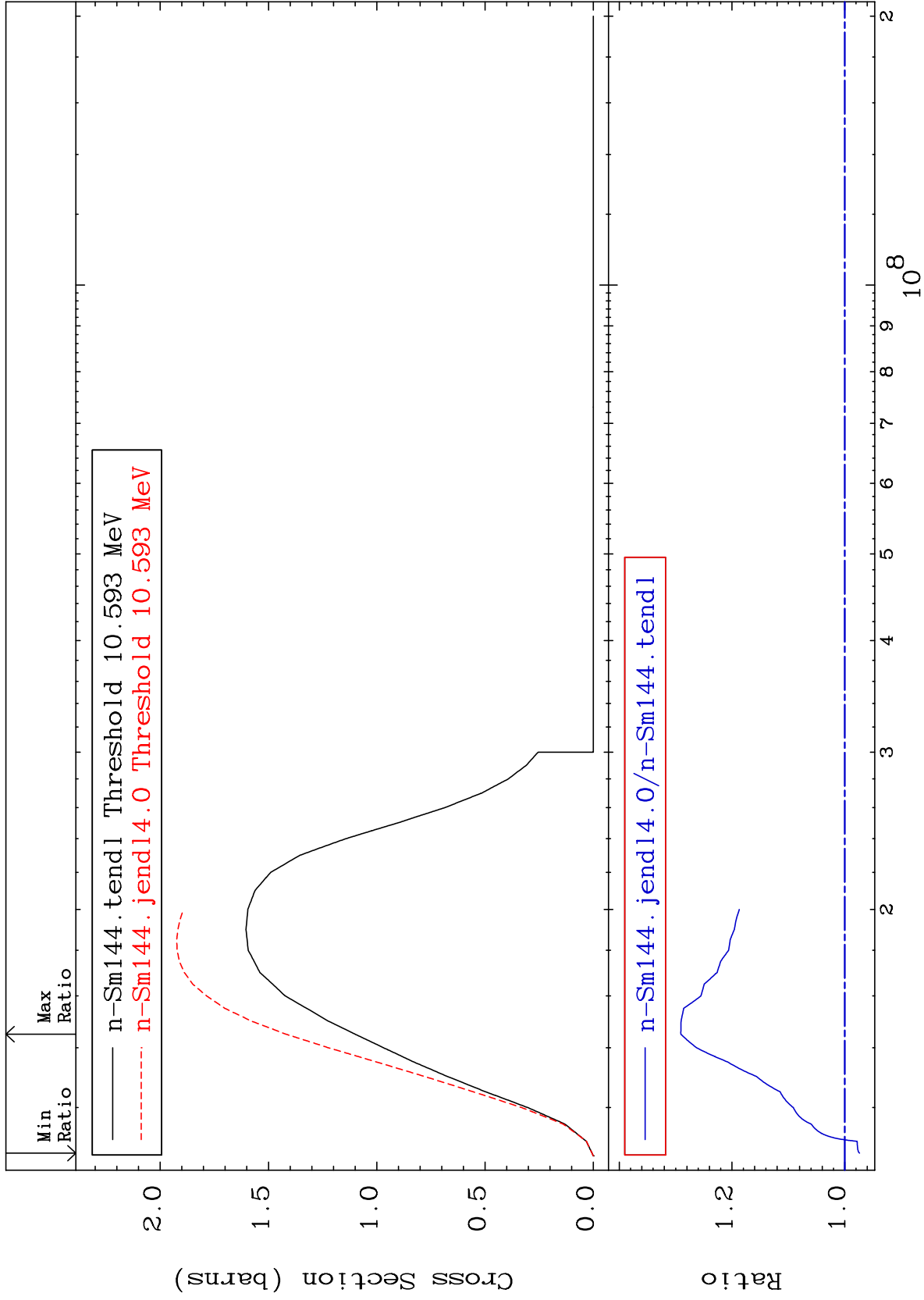
Inelastic
Cross Section



62-Sm-144

Incident Energy (eV)

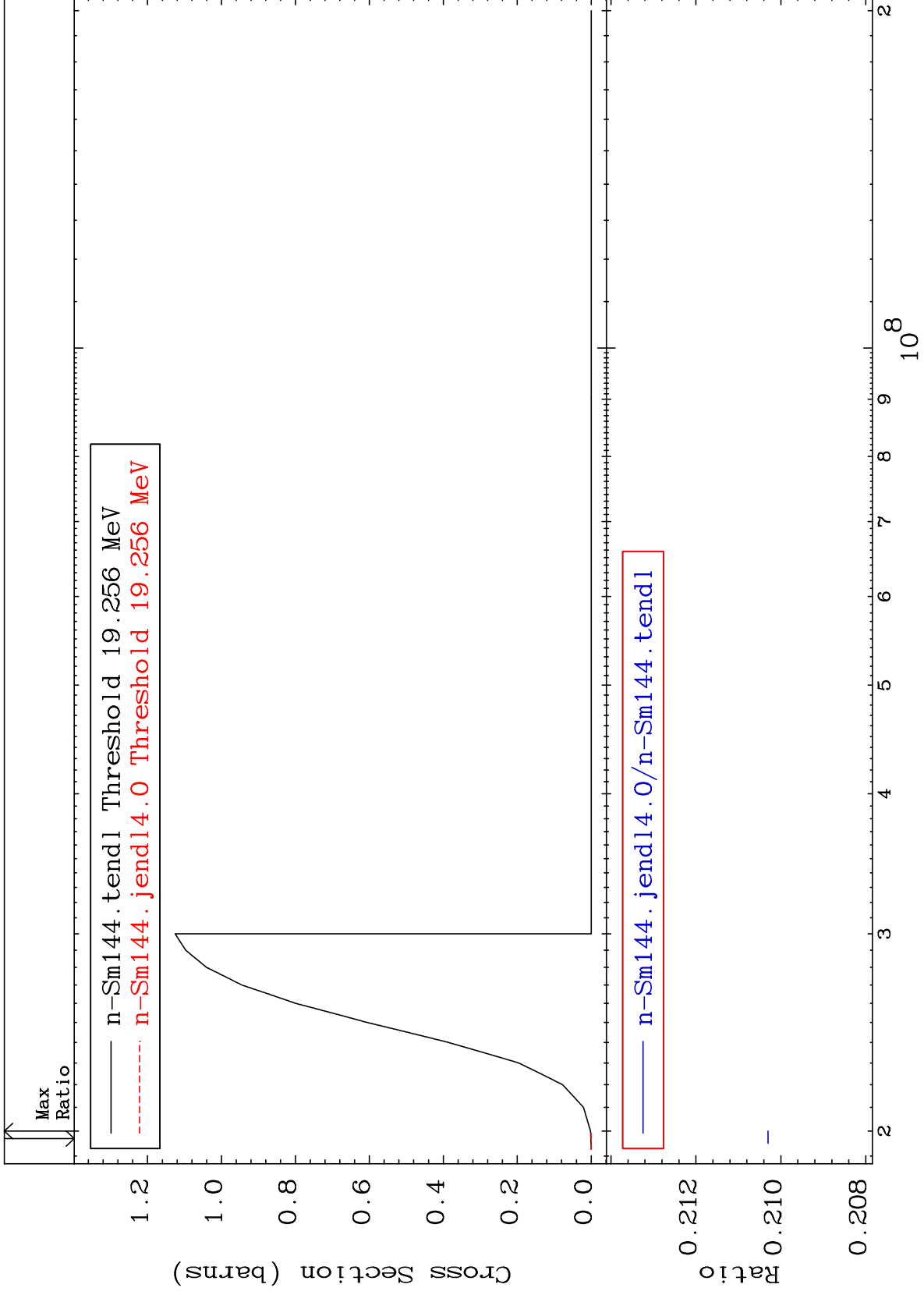
3



MAT 6225

(n,3n)
Cross Section

62-Sm-144
-78.97 To -78.97%



5

Incident Energy (eV)

62-Sm-144

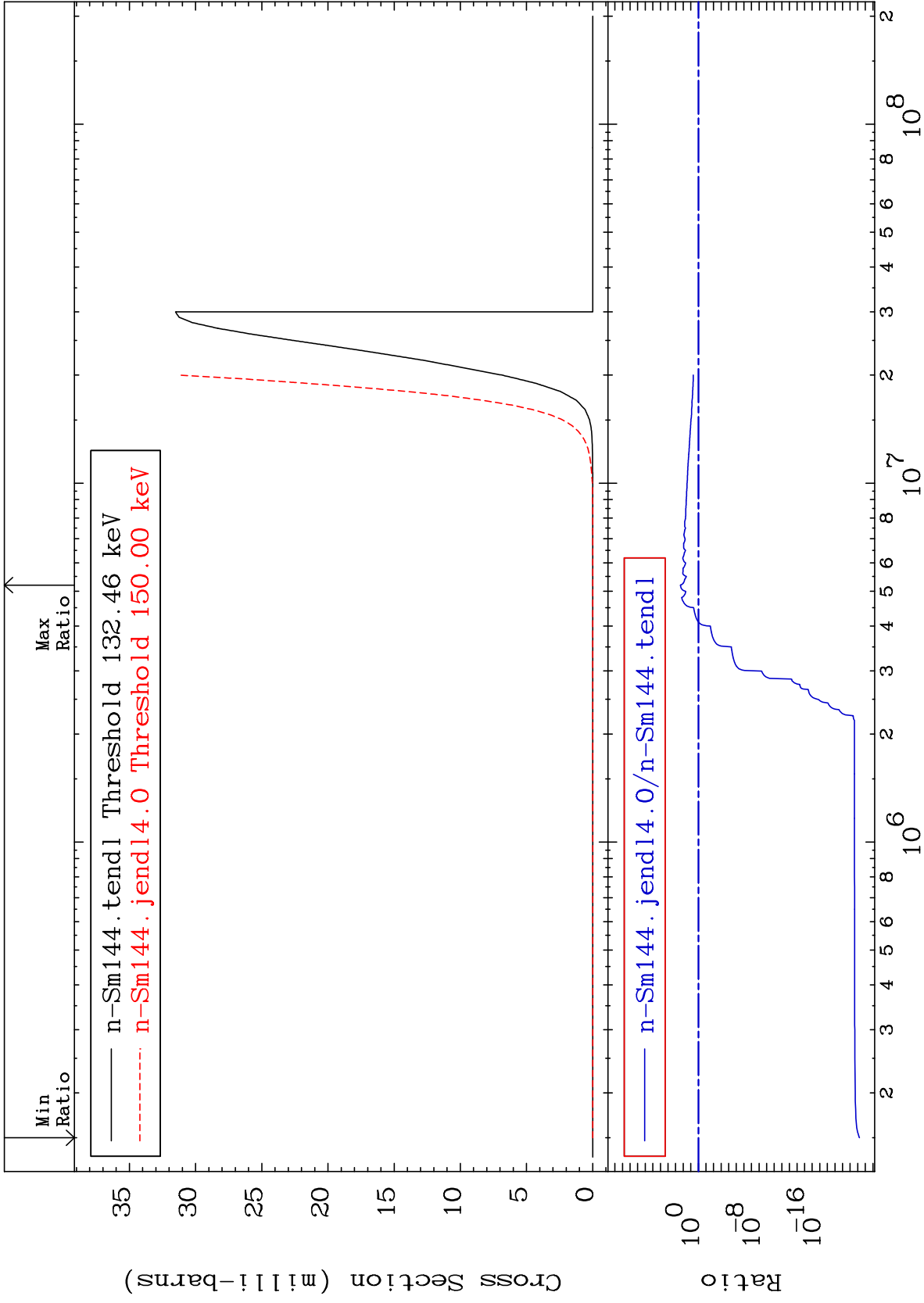
MAT 6225

(n, n') α

62-Sm-144

Cross Section

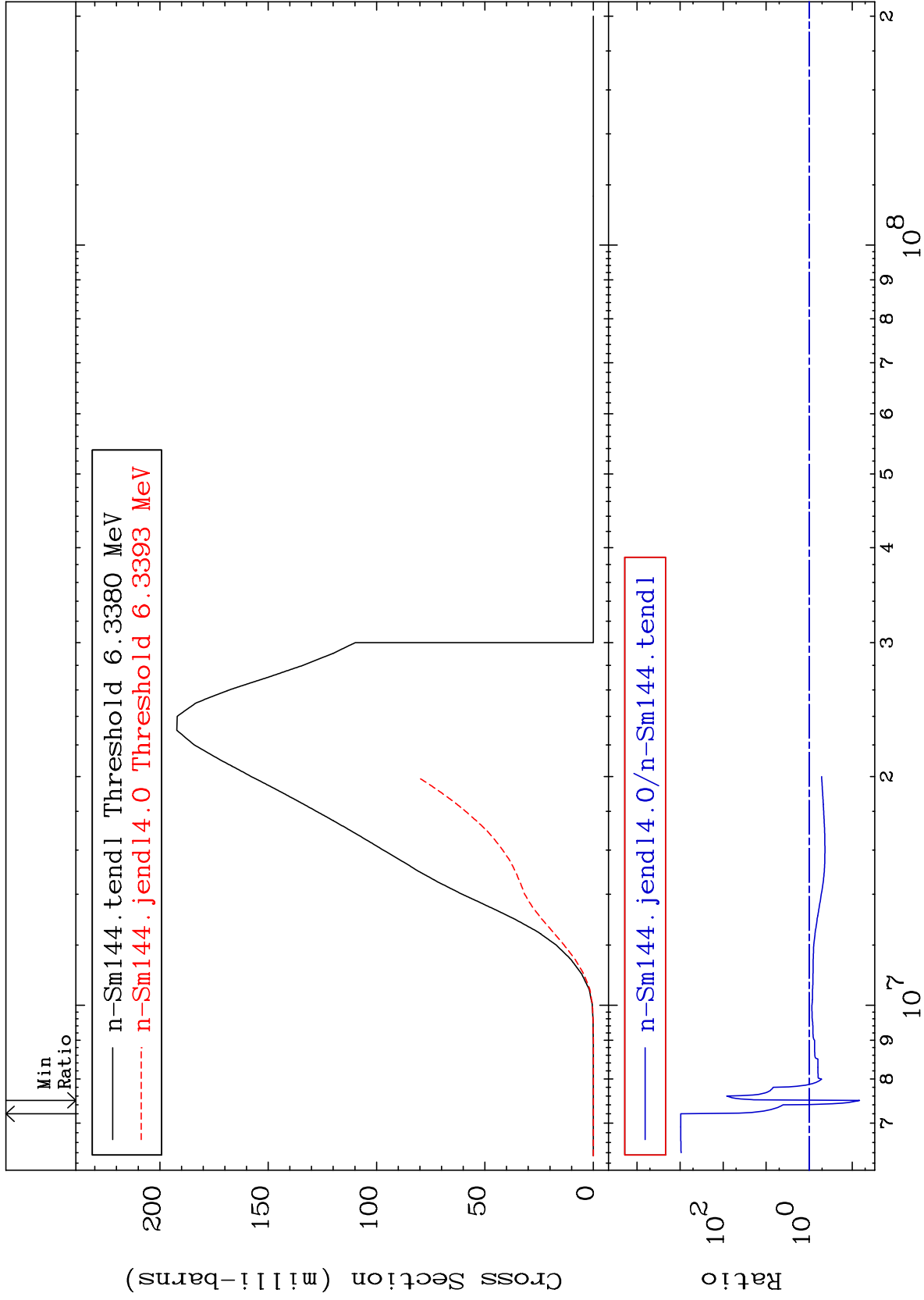
-100.0 To 9999. %

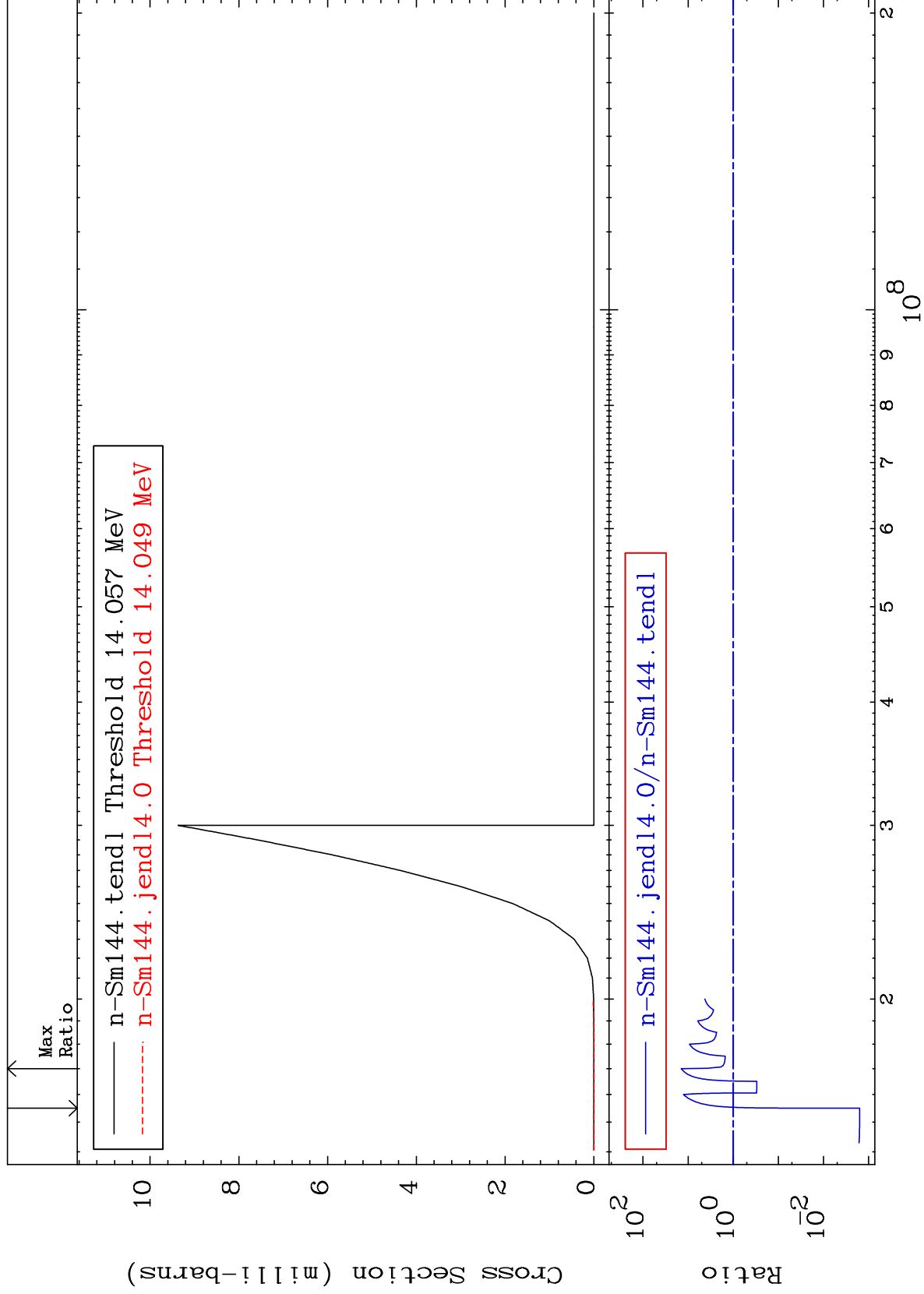


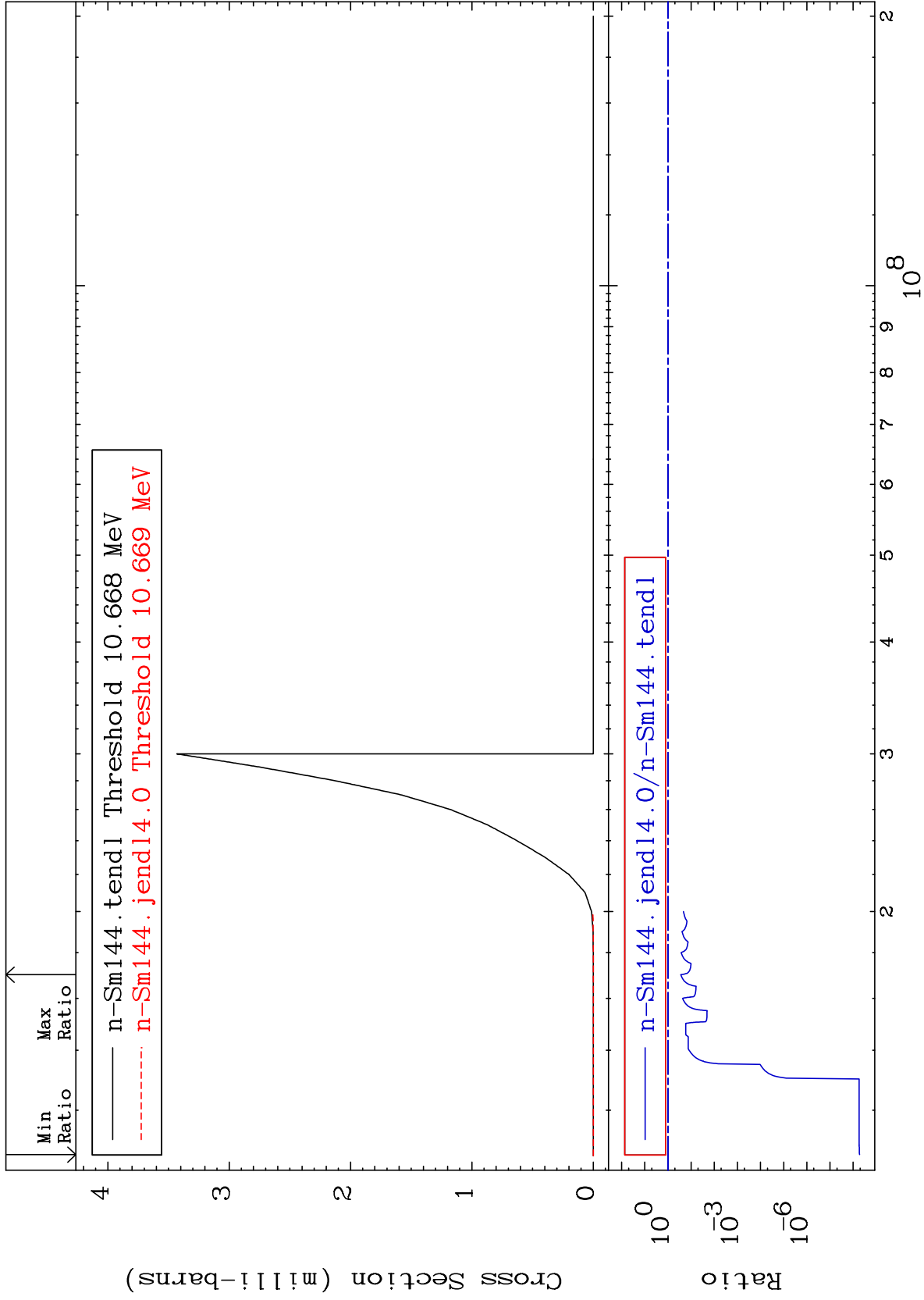
MAT 6225

(n,n') p
Cross Section

62-Sm-144
-93.23 To 9999. %



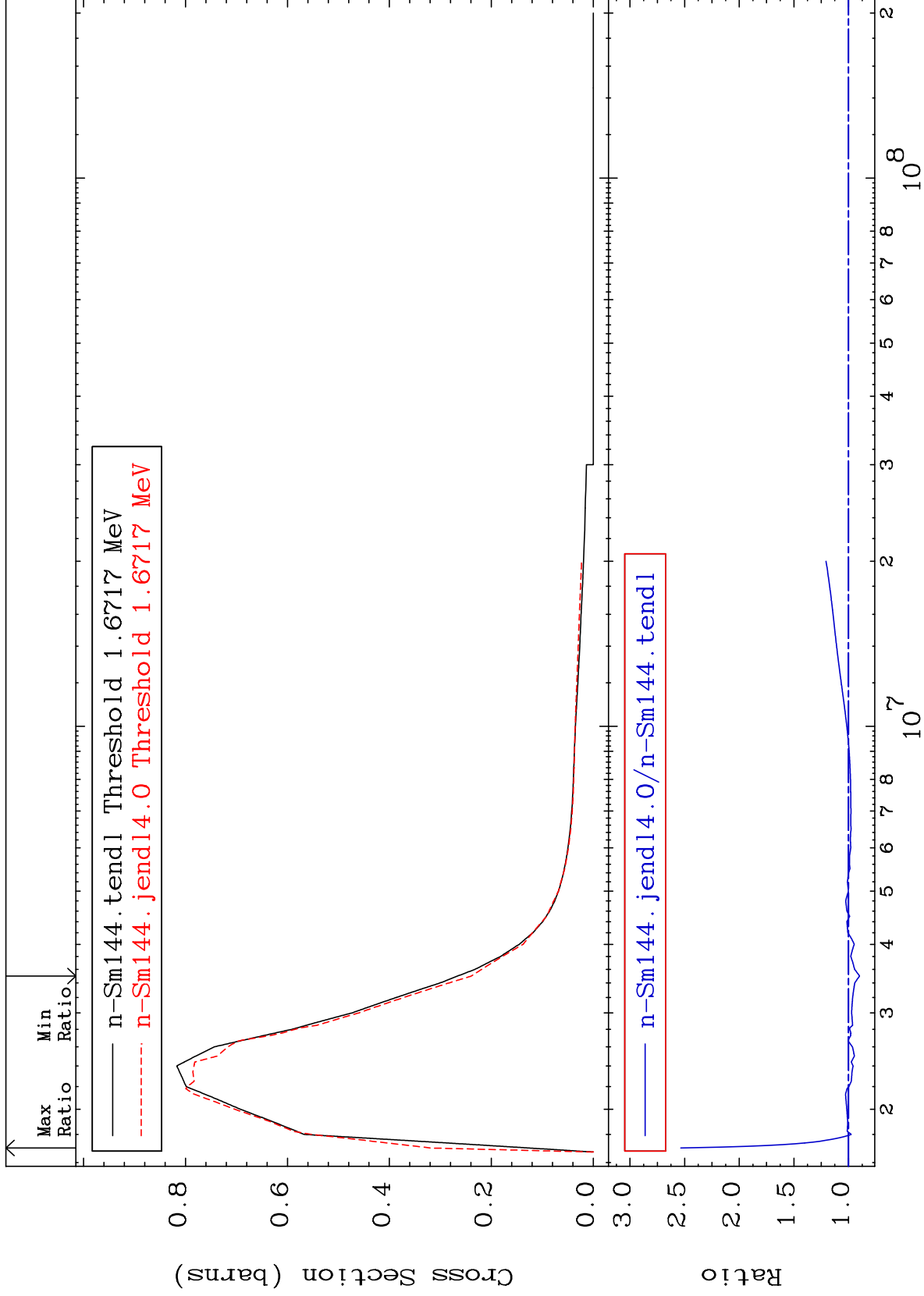




MAT 6225

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

62-Sm-144
-10.08 To 153.5 %



10

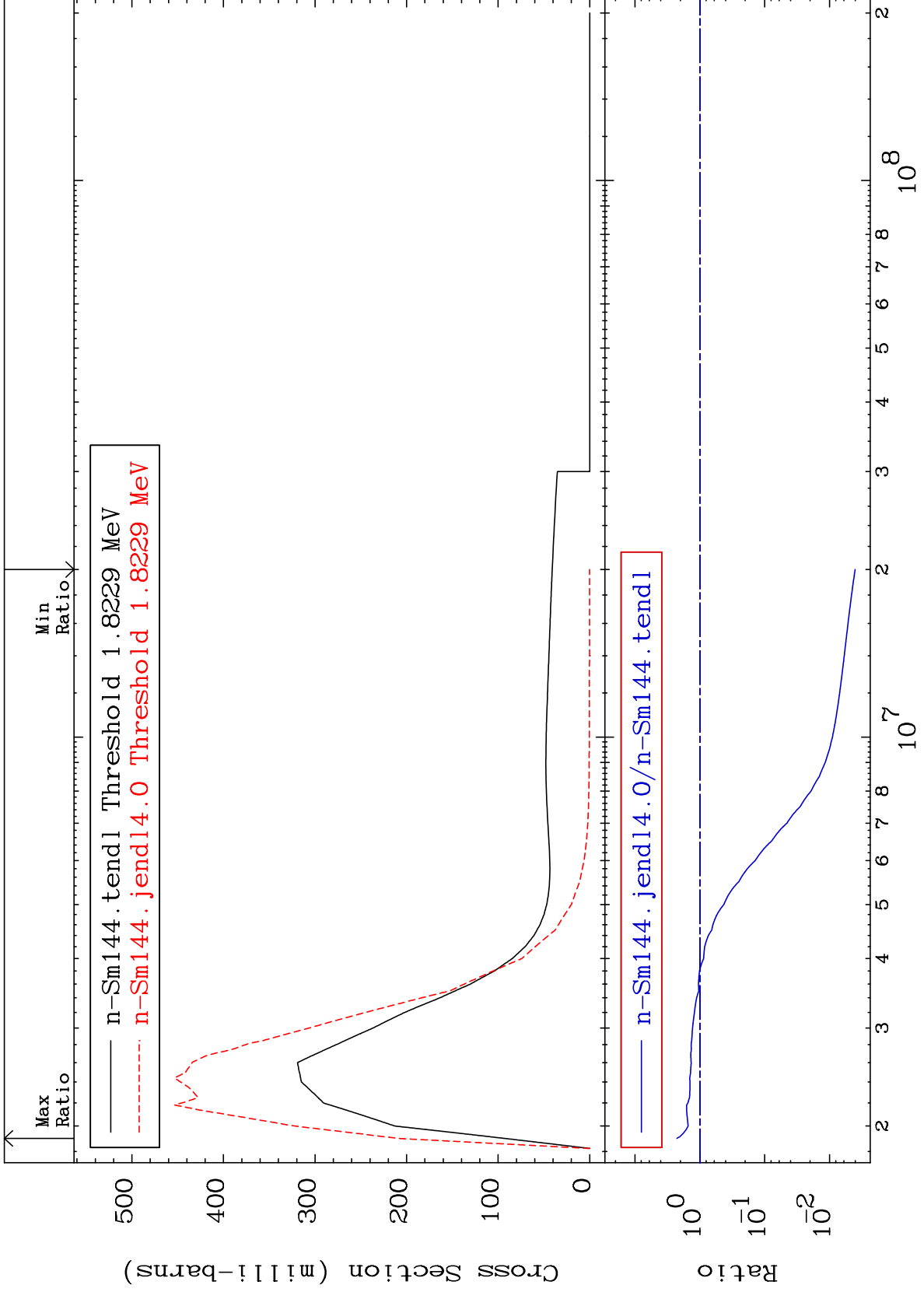
Incident Energy (eV)

62-Sm-144

MAT 6225

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

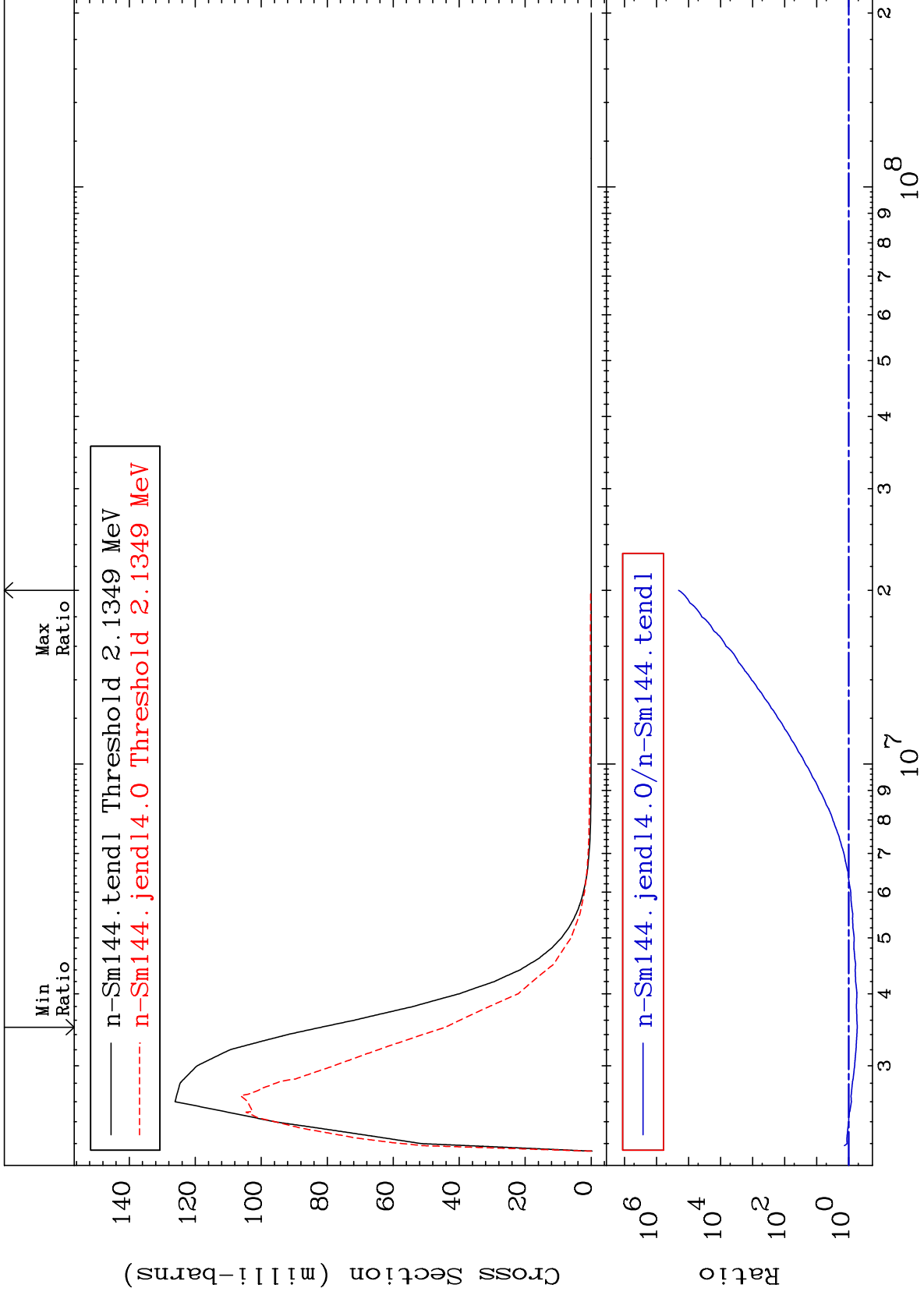
62-Sm-144
-99.60 To 125.6 %



MAT 6225

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

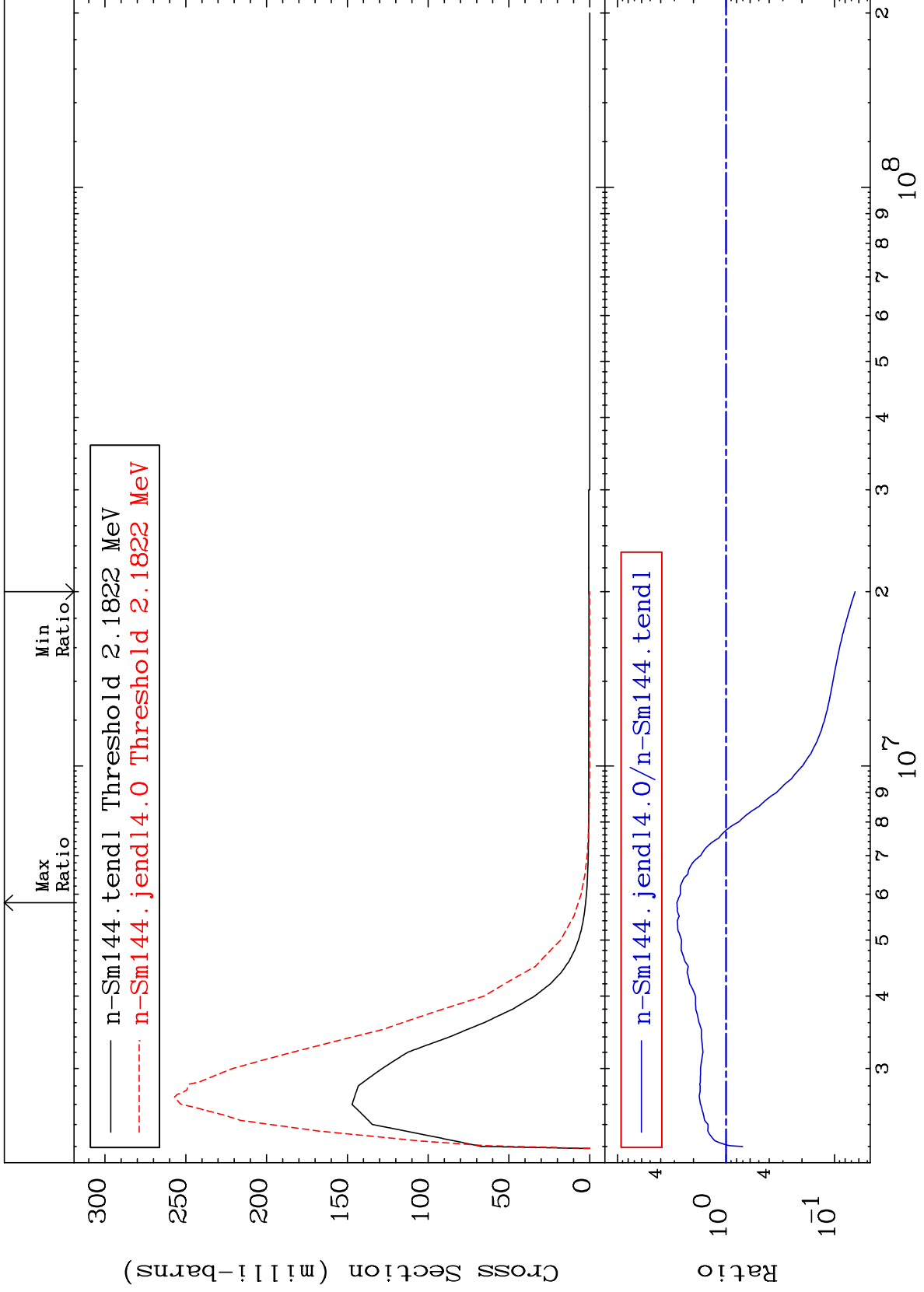
62-Sm-144
-46.00 To 9999. %



MAT 6225

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

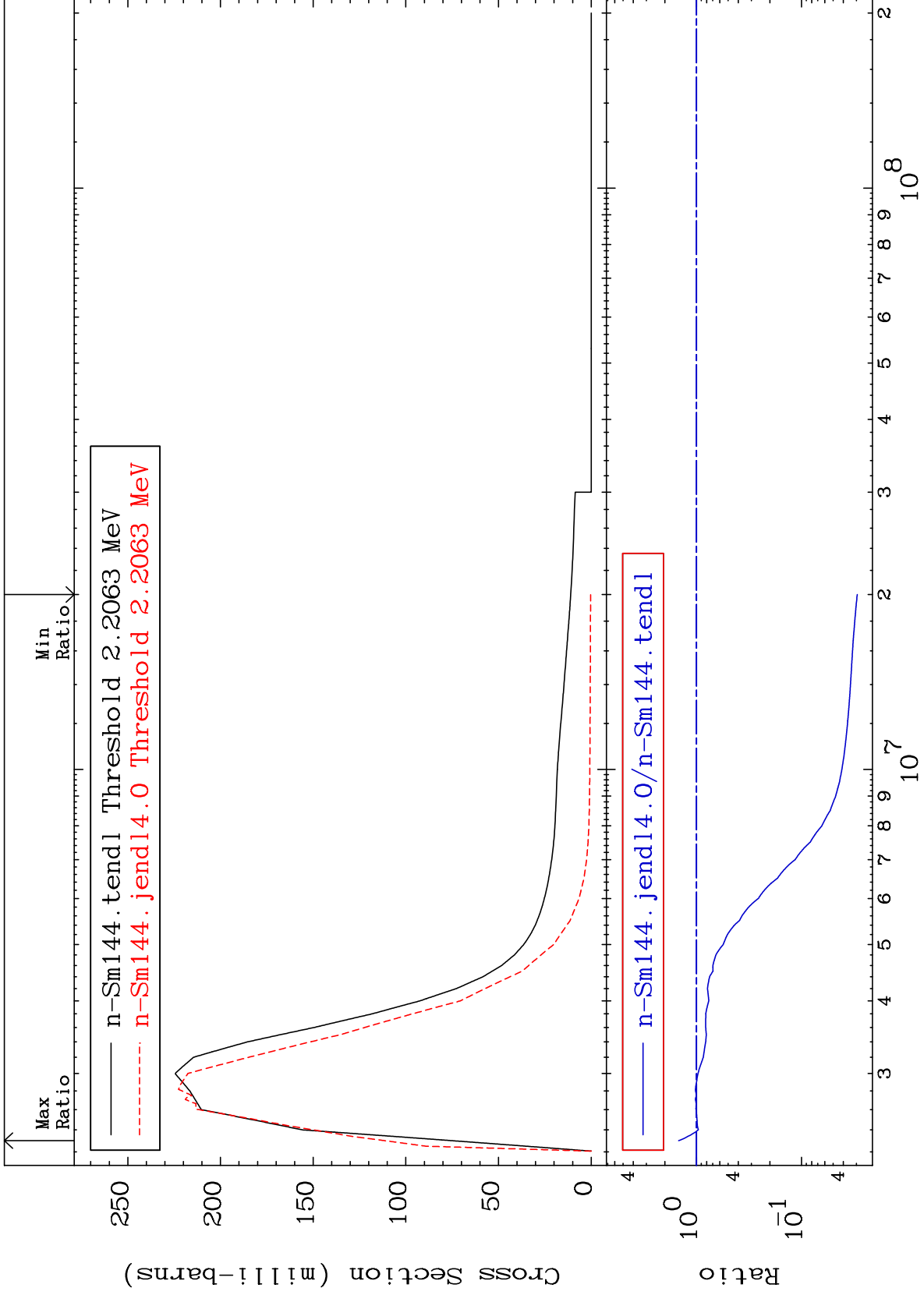
62-Sm-144
-93.52 To 183.7 %

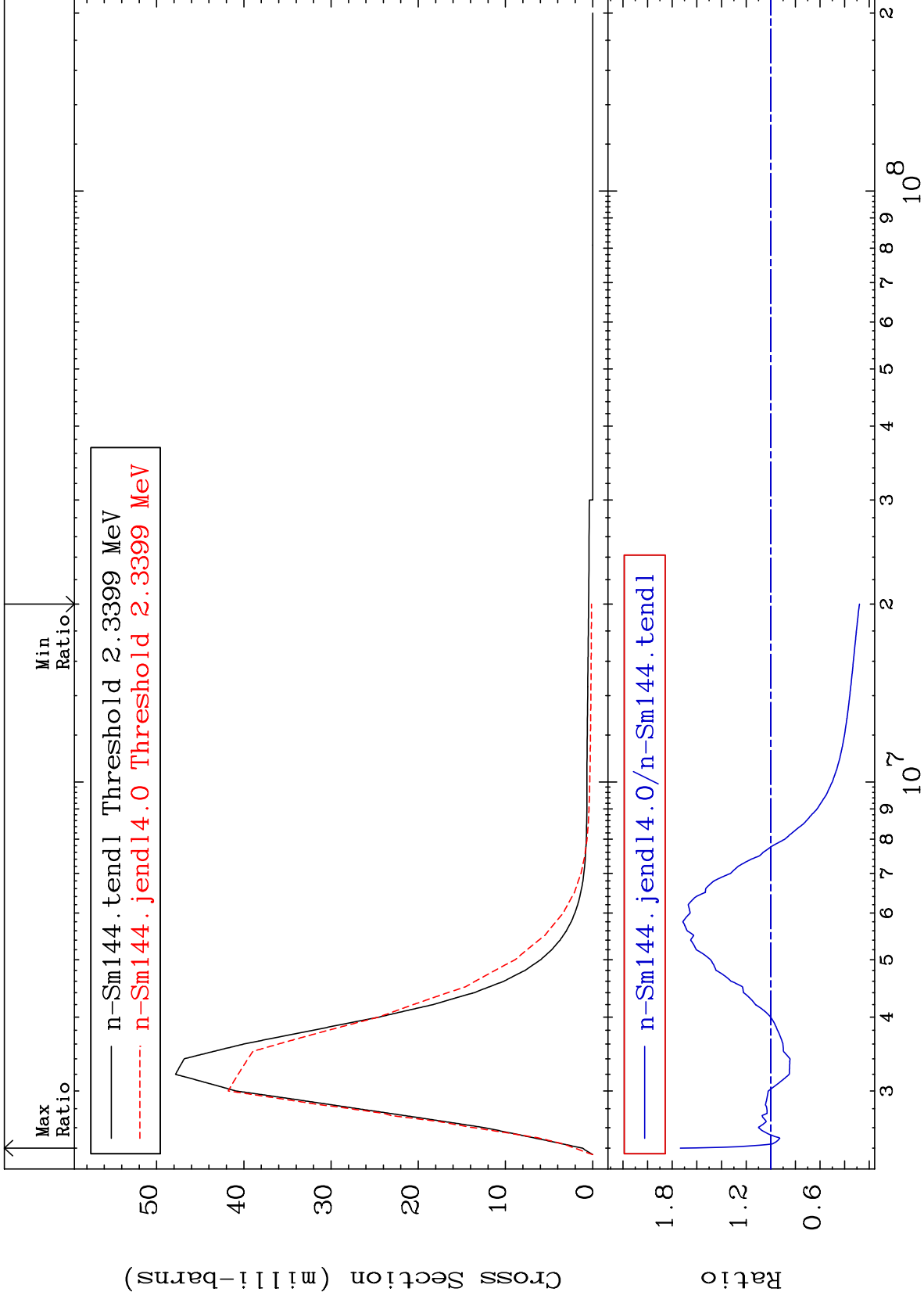


MAT 6225

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

62-Sm-144
-97.05 To 47.93 %

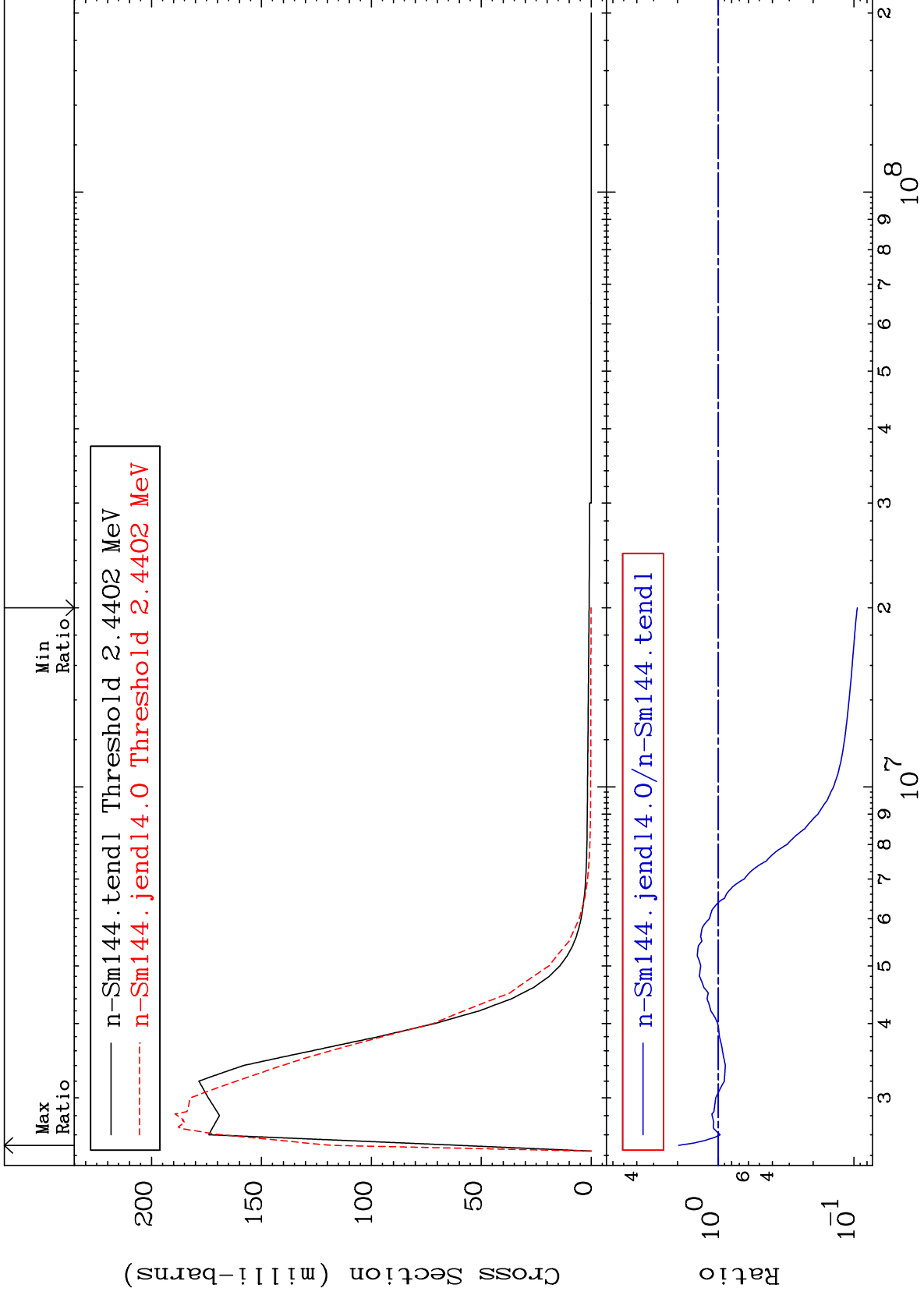




MAT 6225

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

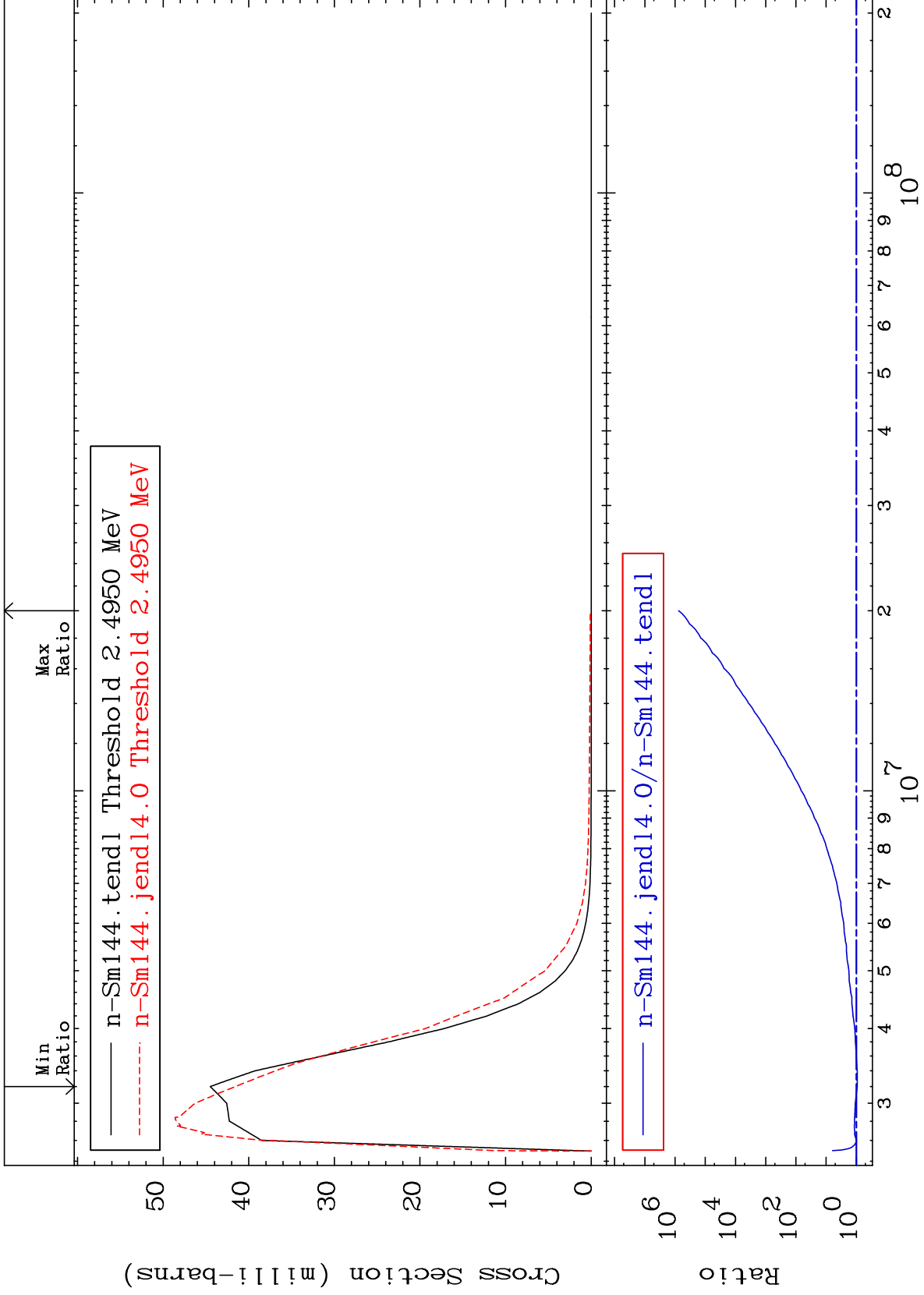
62-Sm-144
-90.54 To 96.44 %



MAT 6225

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

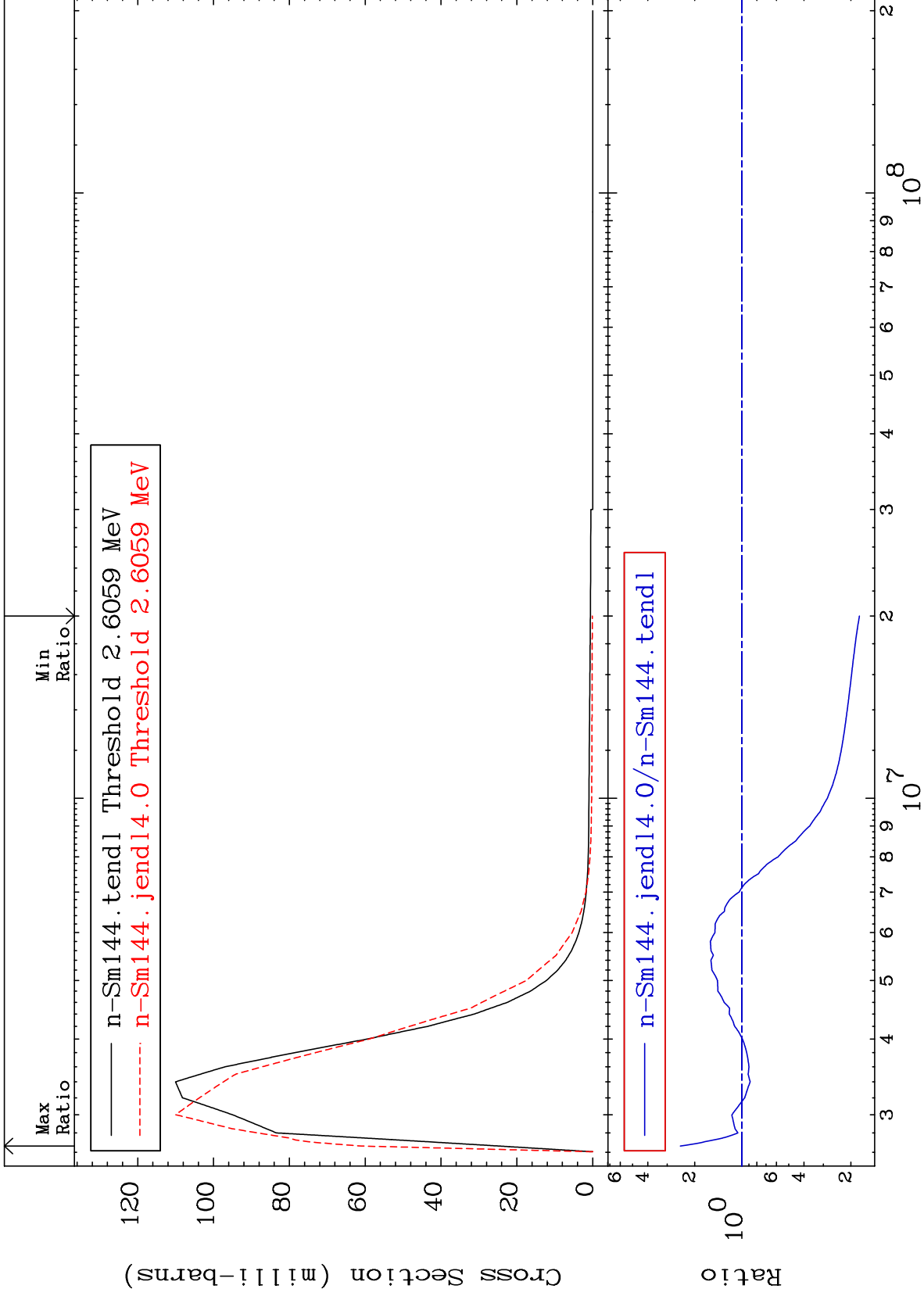
62-Sm-144
-6.592 To 9999. %



MAT 6225

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

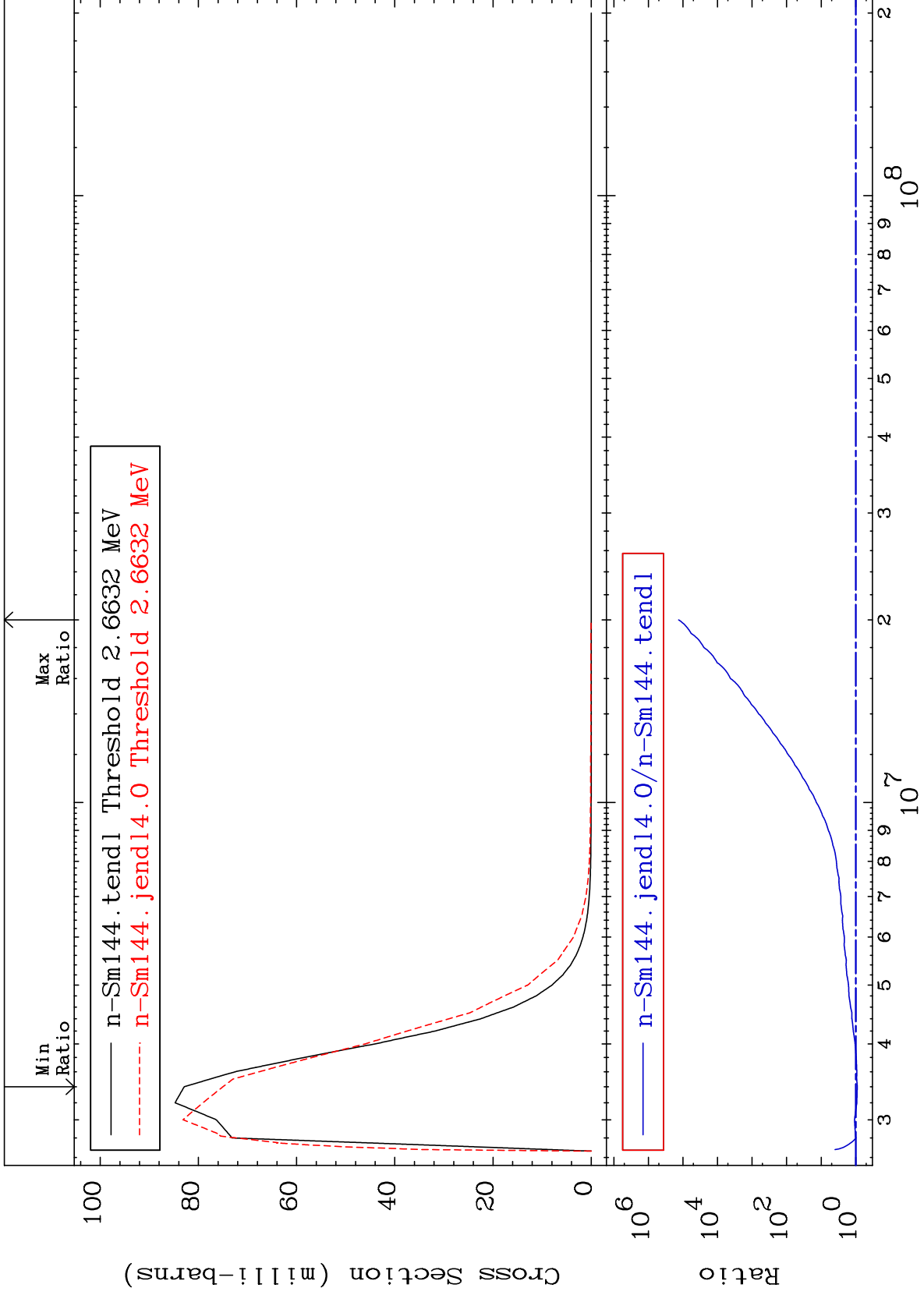
62-Sm-144
-82.36 To 147.4 %



MAT 6225

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

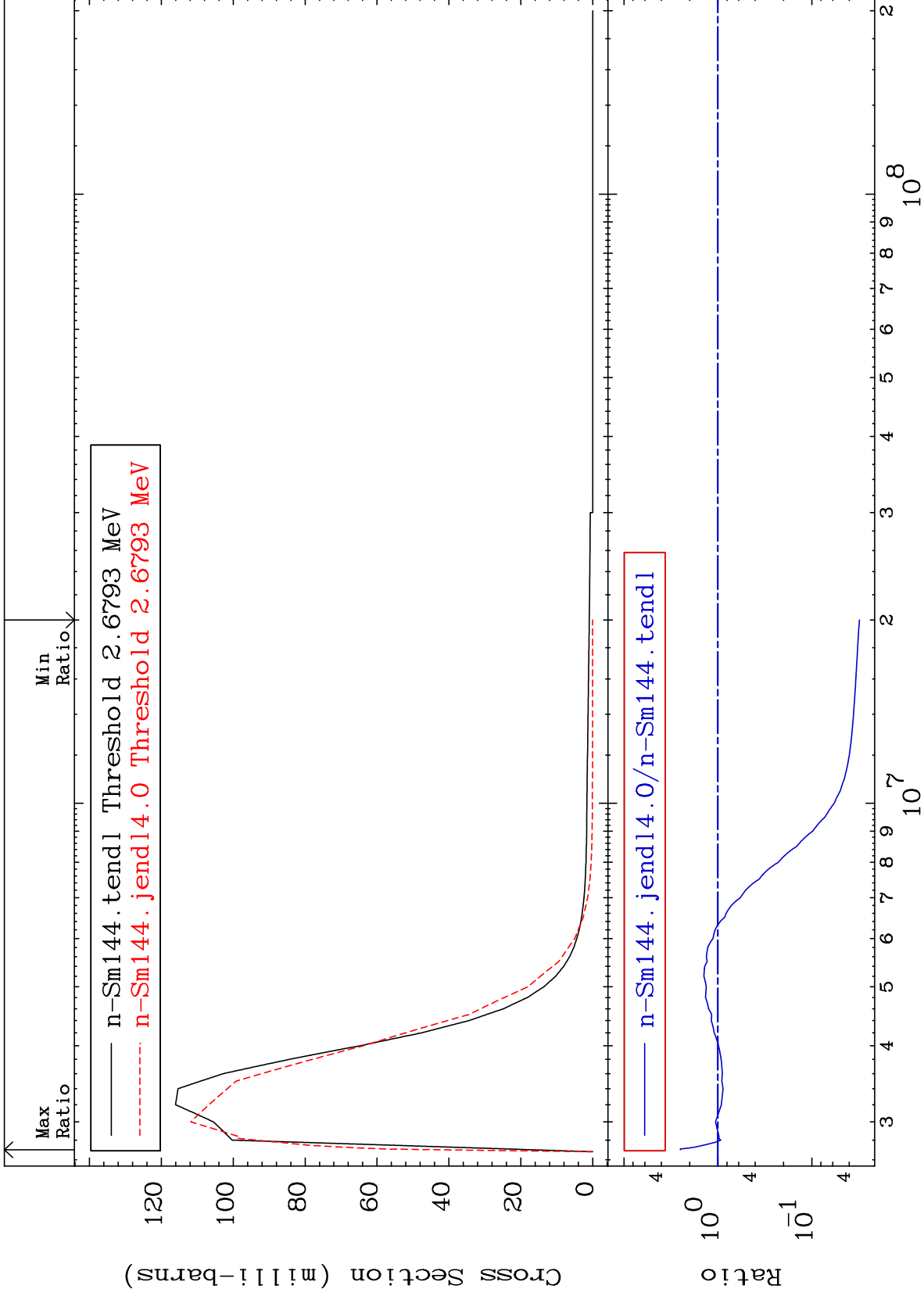
62-Sm-144
-9.511 To 9999. %



MAT 6225

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

62-Sm-144
-96.89 To 150.9 %



20

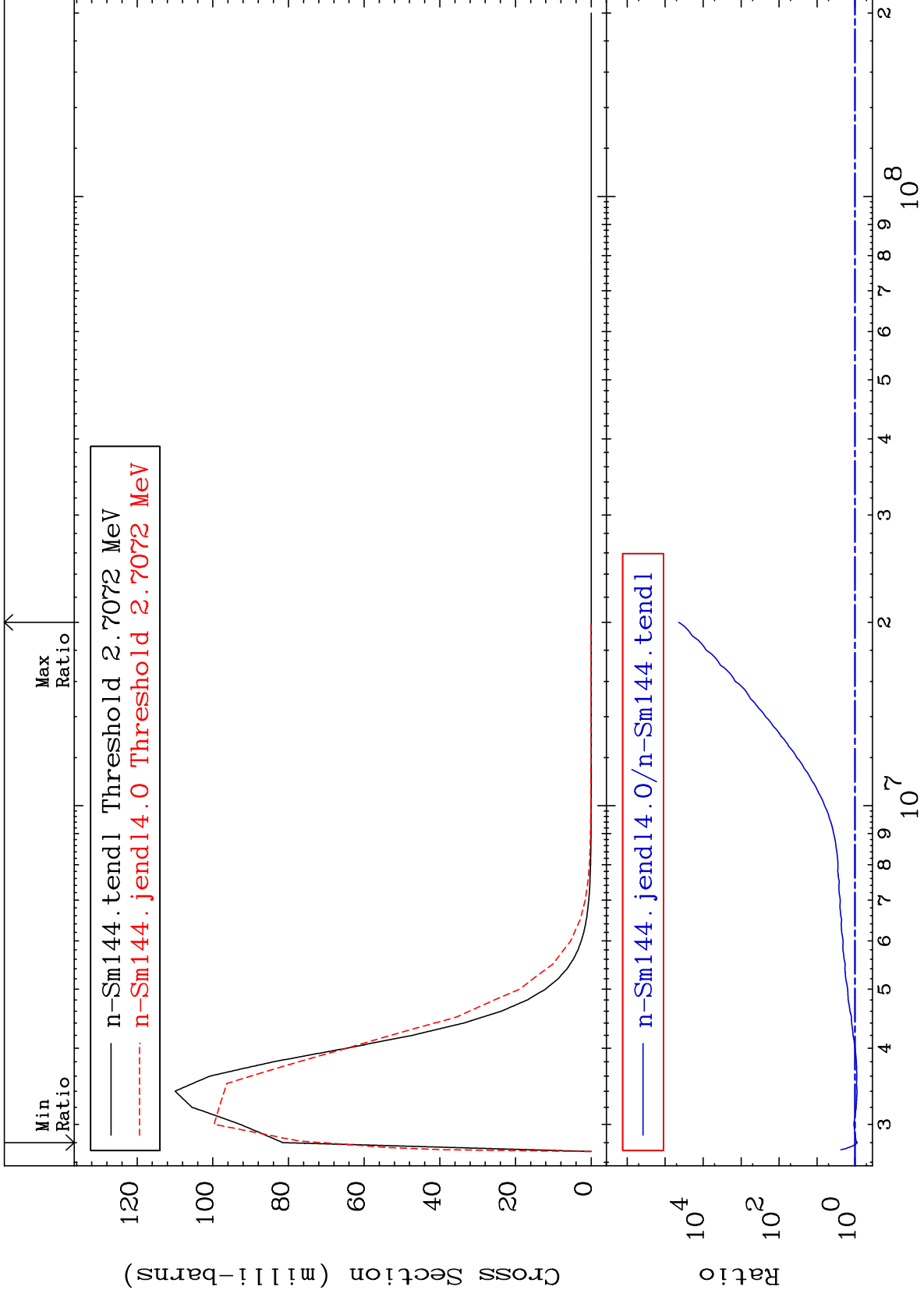
Incident Energy (eV)

62-Sm-144

MAT 6225

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

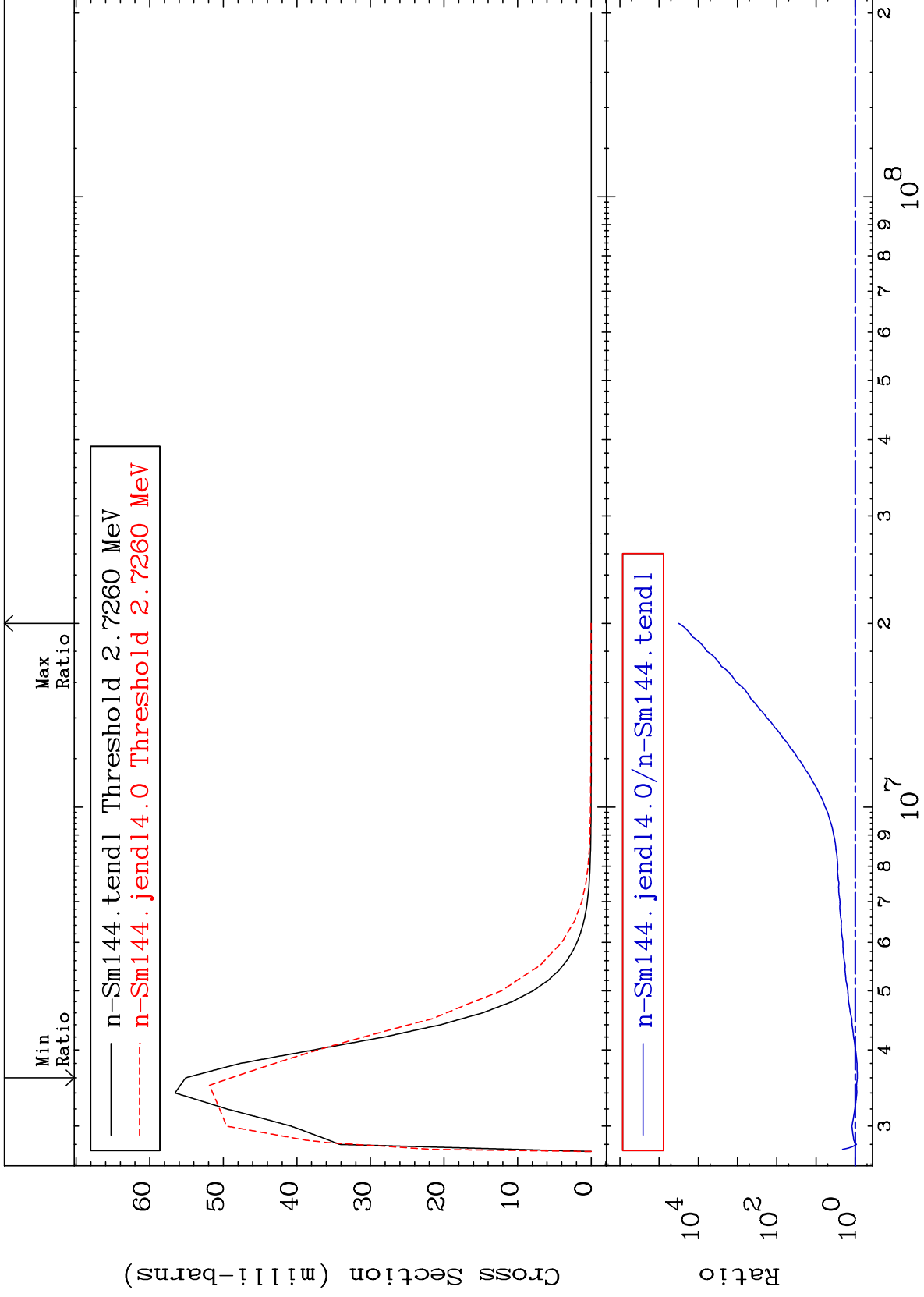
62-Sm-144
-12.75 To 9999. %

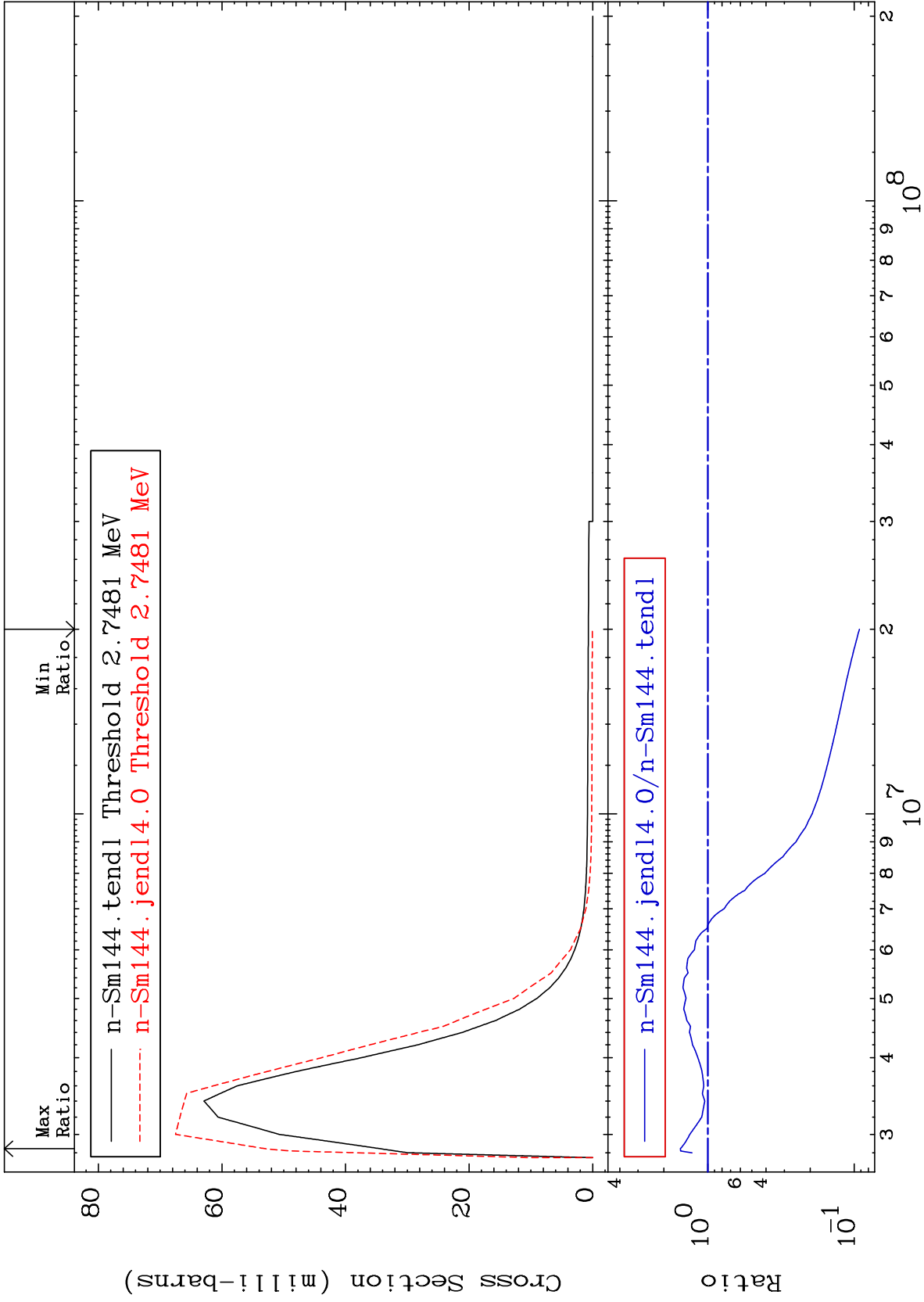


MAT 6225

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

62-Sm-144
-11.19 To 9999. %

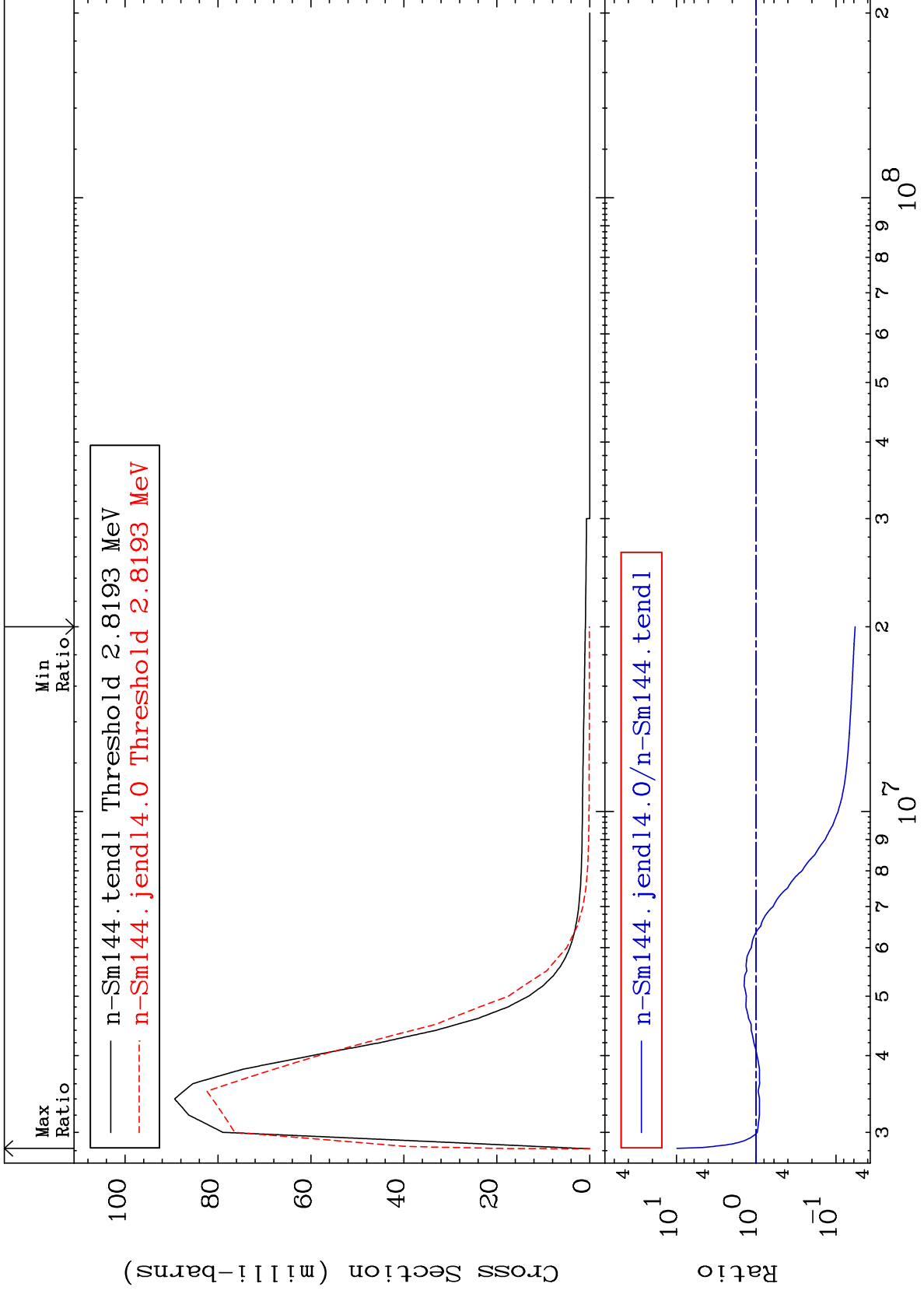




MAT 6225

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

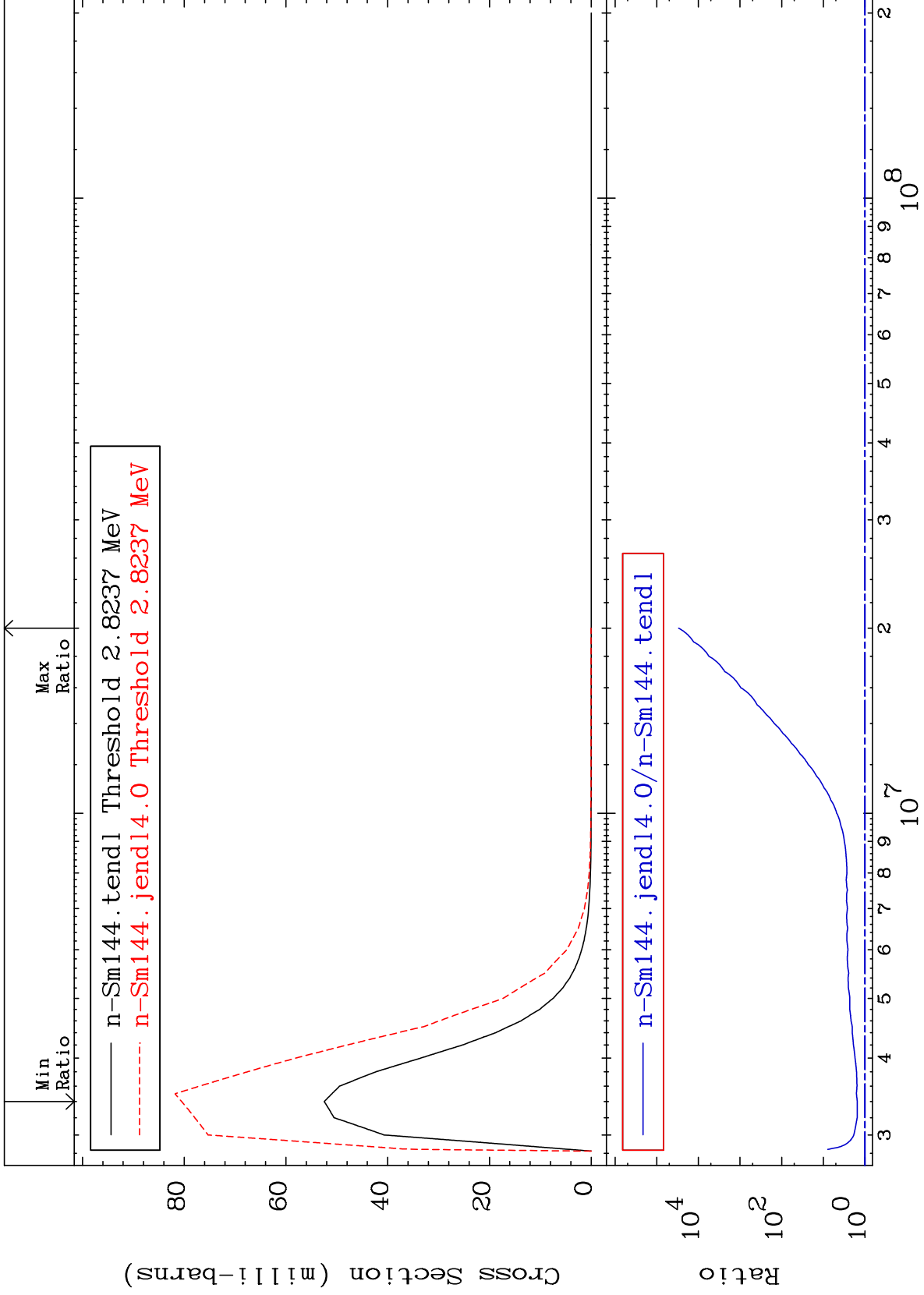
62-Sm-144
-94.23 To 884.3 %



MAT 6225

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

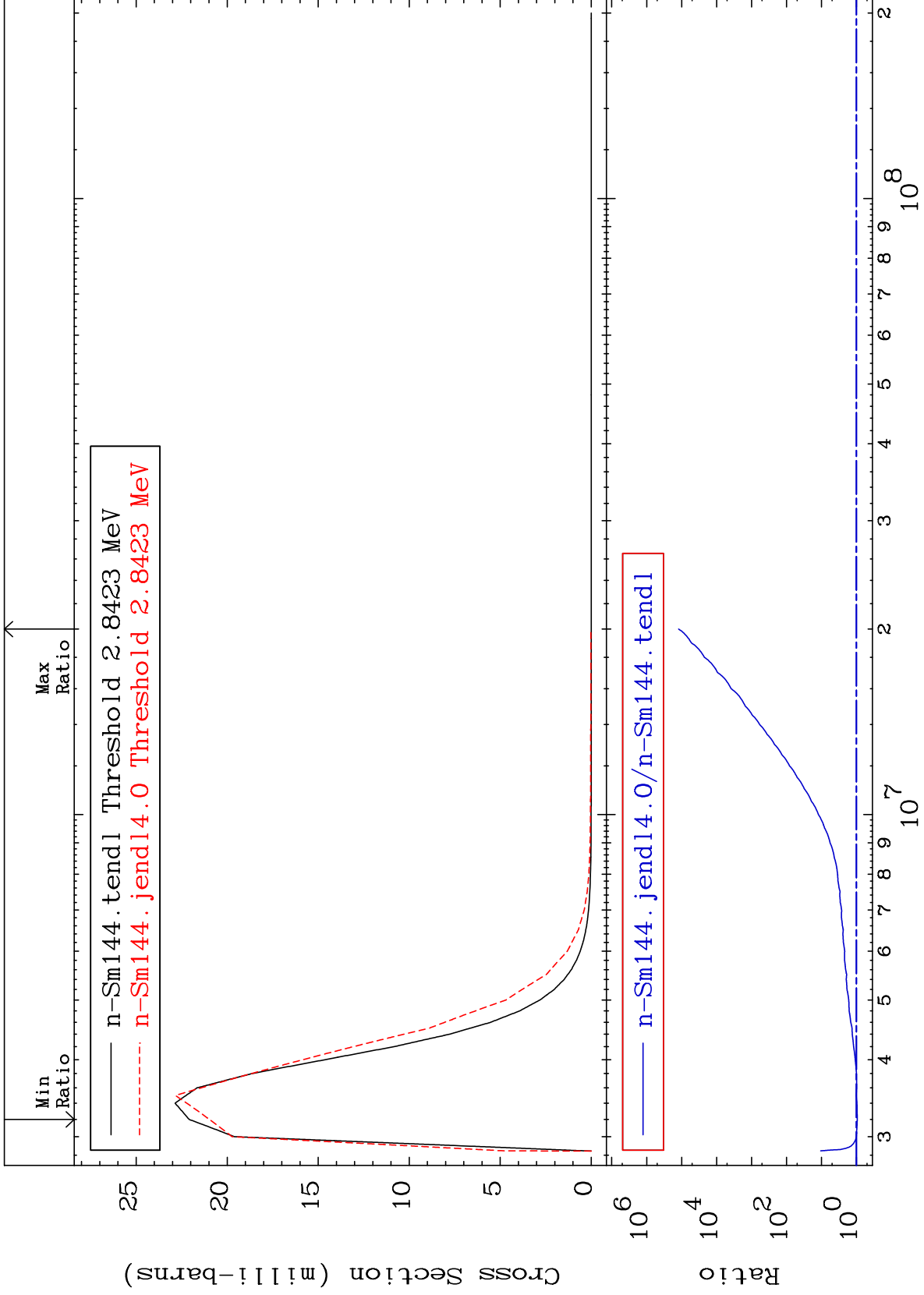
62-Sm-144
53.43 To 9999. %



25

Incident Energy (eV)

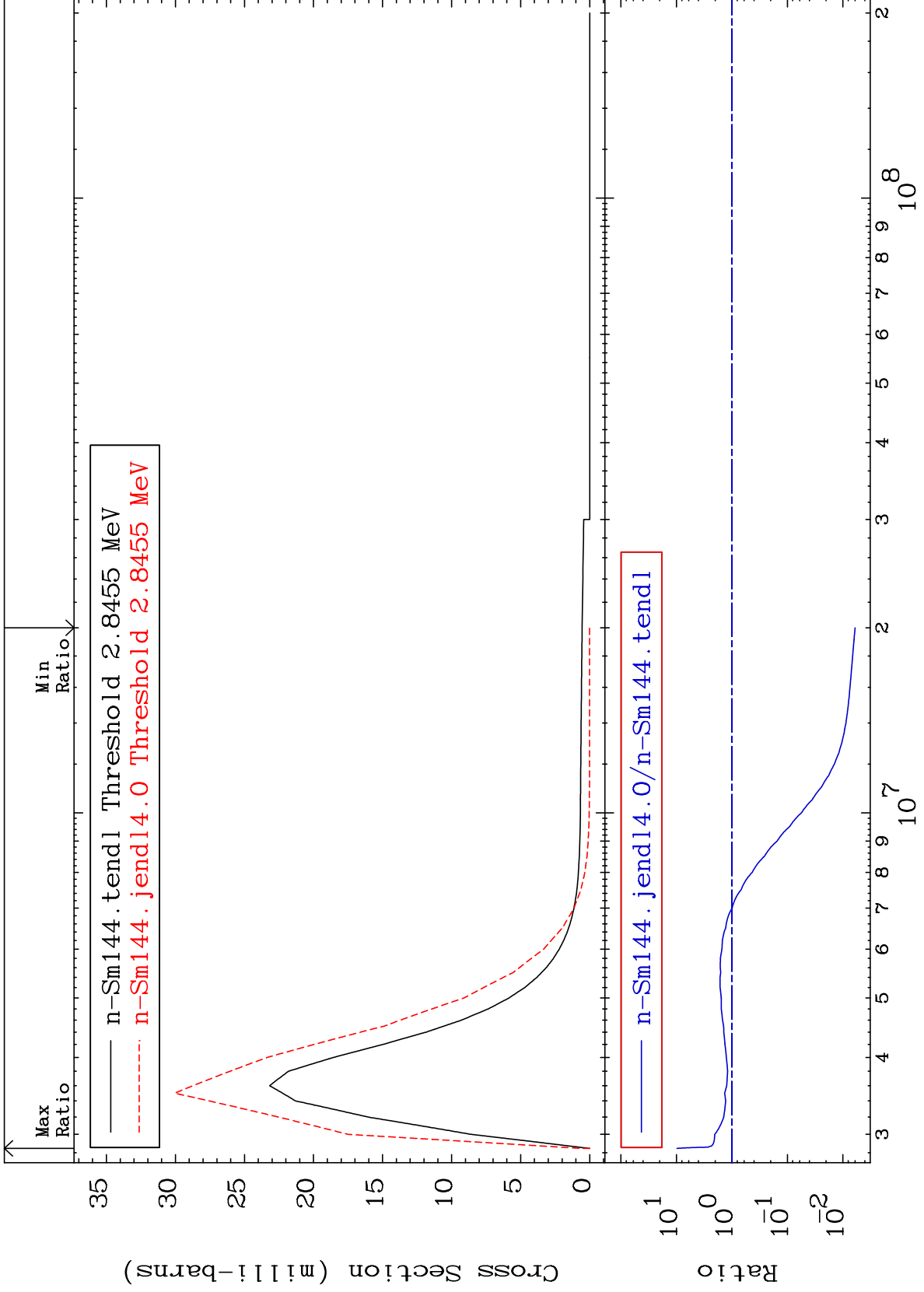
62-Sm-144

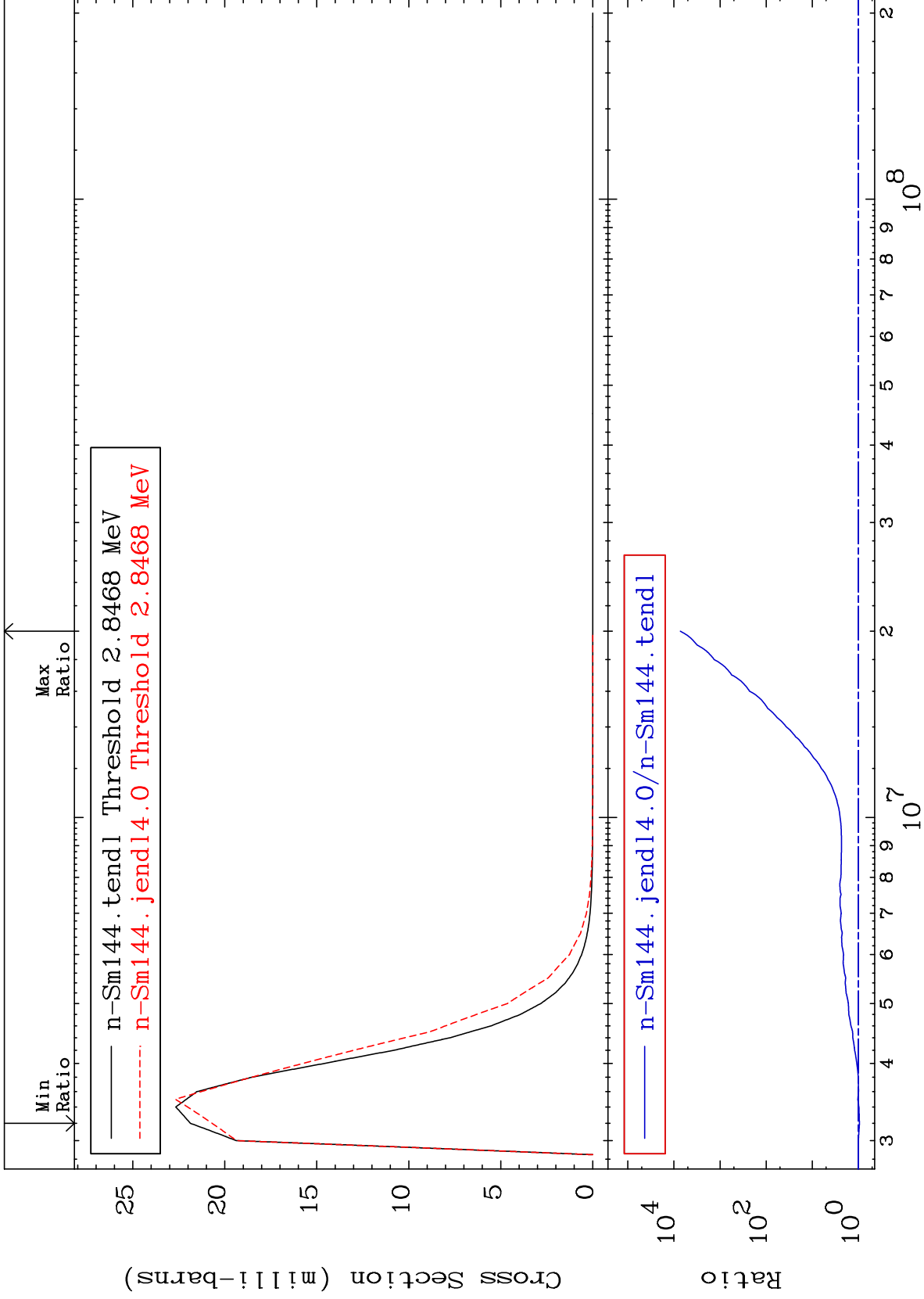


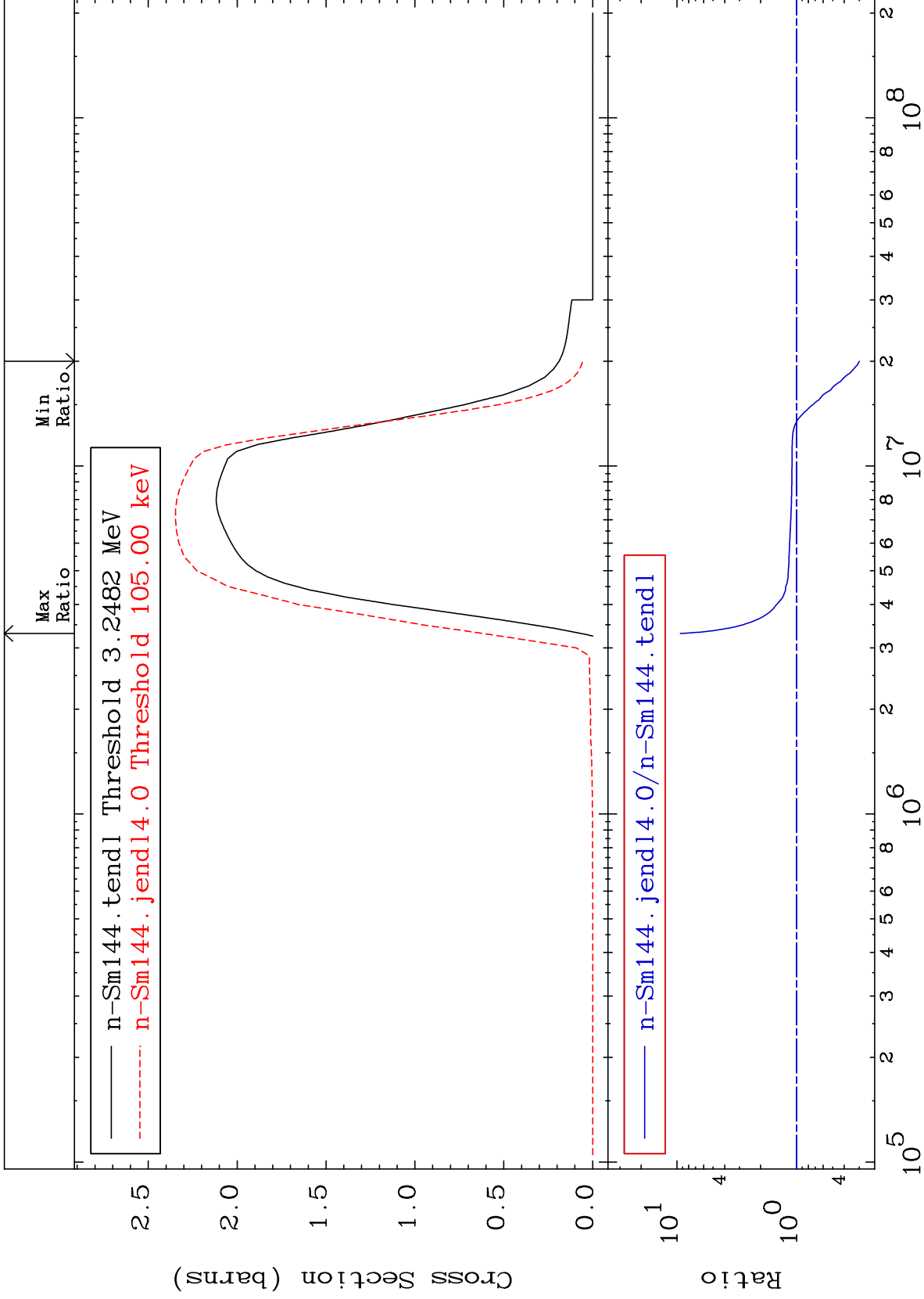
MAT 6225

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

62-Sm-144
-99.40 To 879.0 %





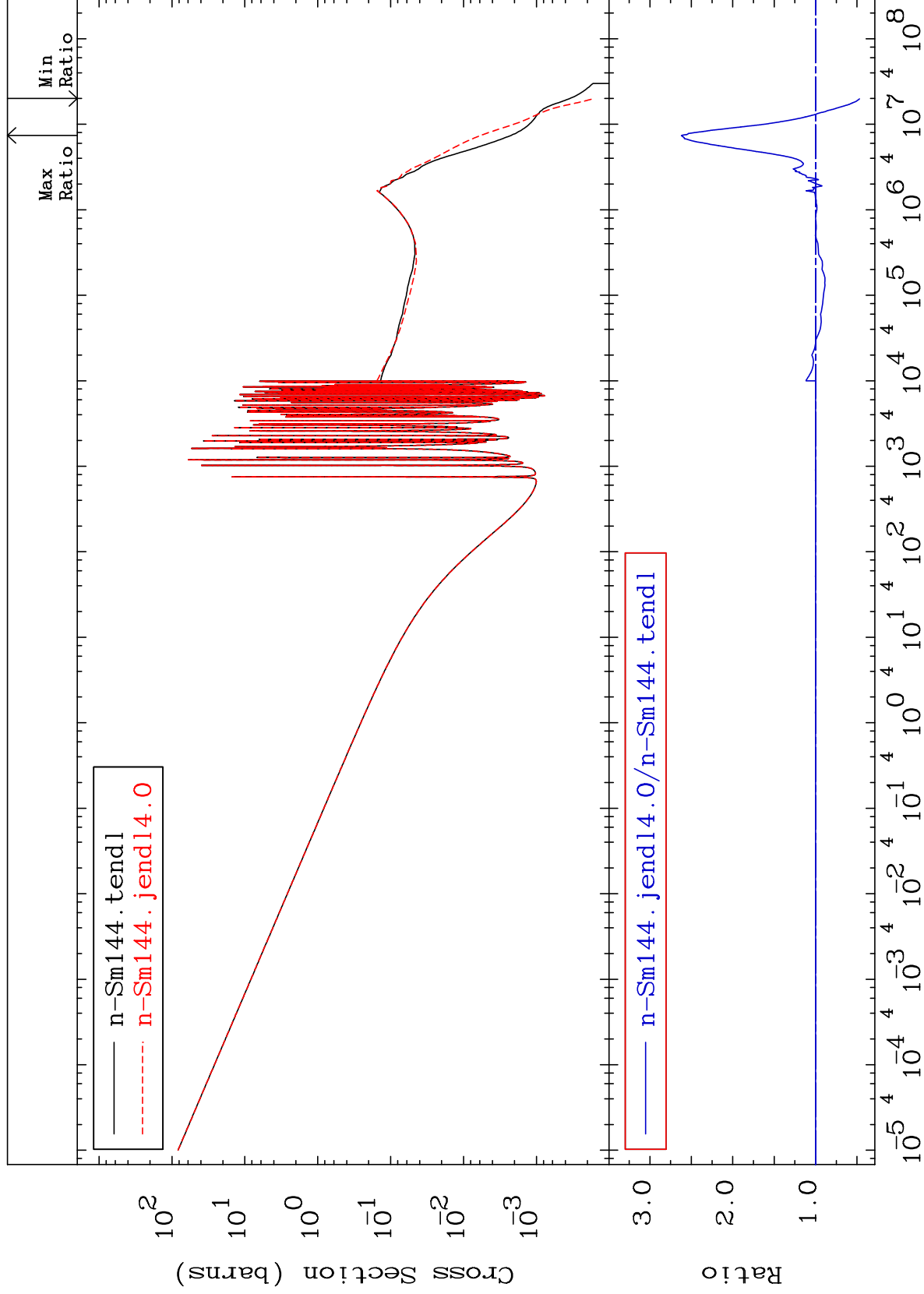


MAT 6225

(n, γ)
Cross Section

62-Sm-144

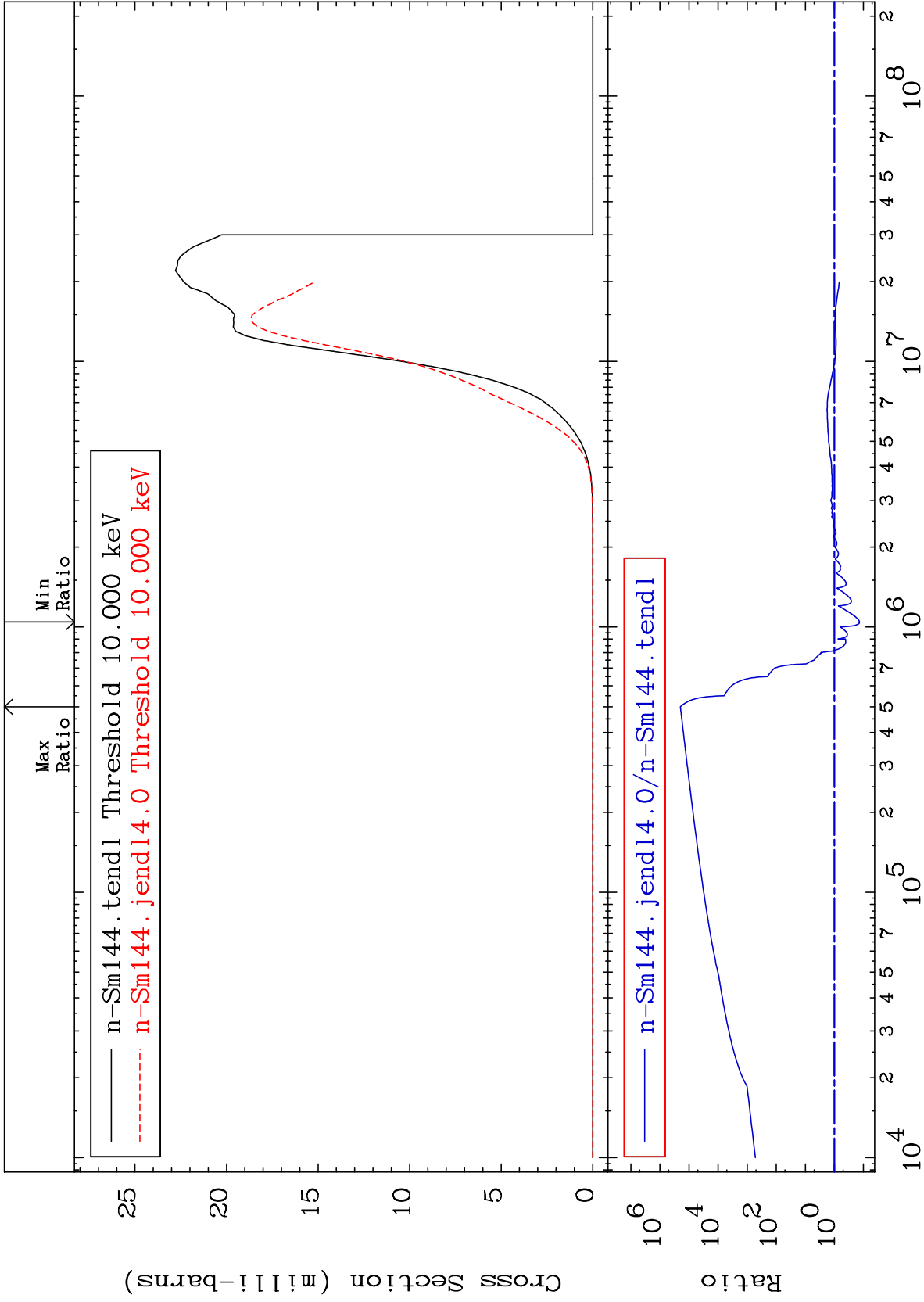
-53.21 To 162.2 %



30

Incident Energy (eV)

62-Sm-144



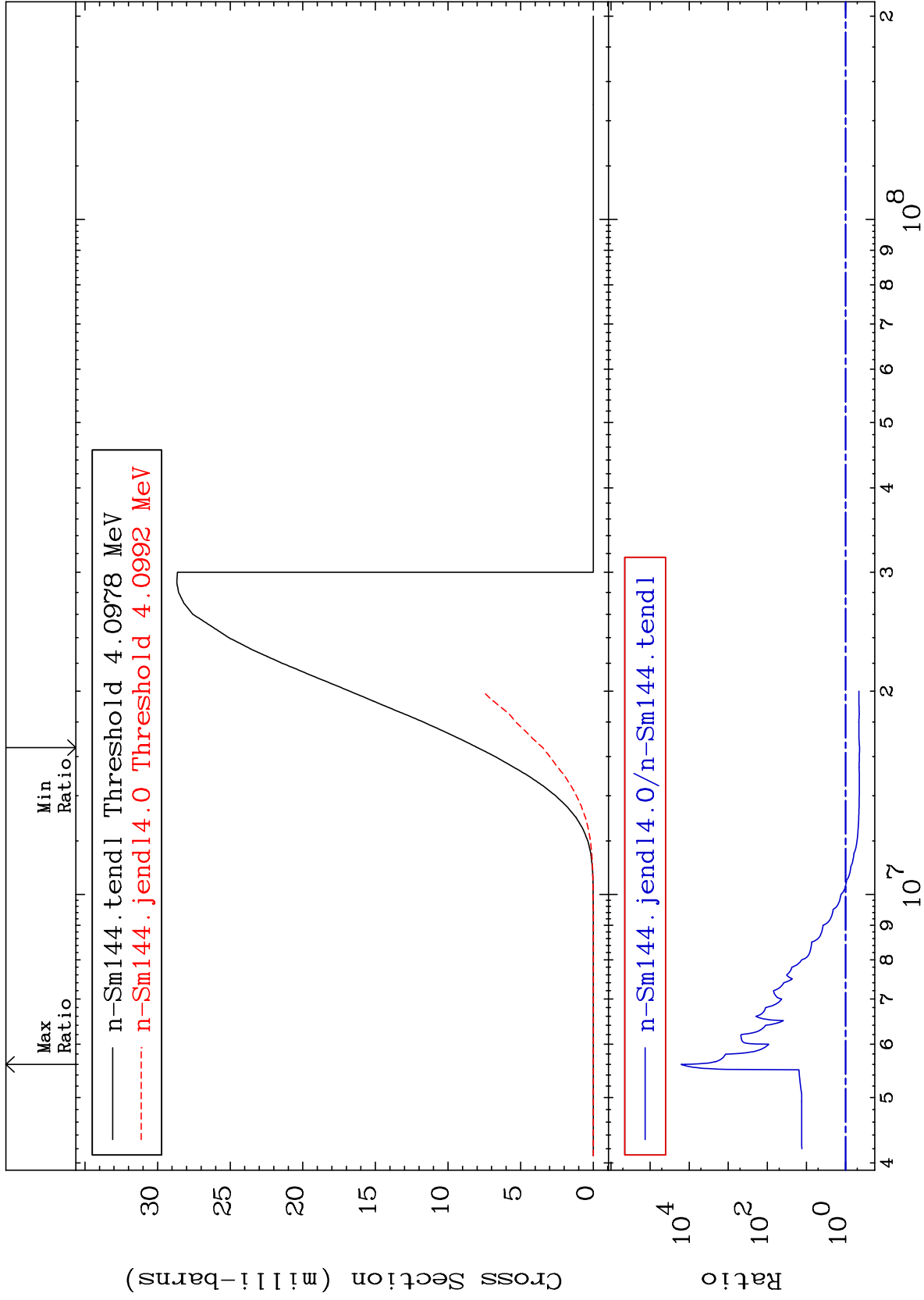
MAT 6225

(n, d)

62-Sm-144

Cross Section

-56.28 To 9999. %



32

Incident Energy (eV)

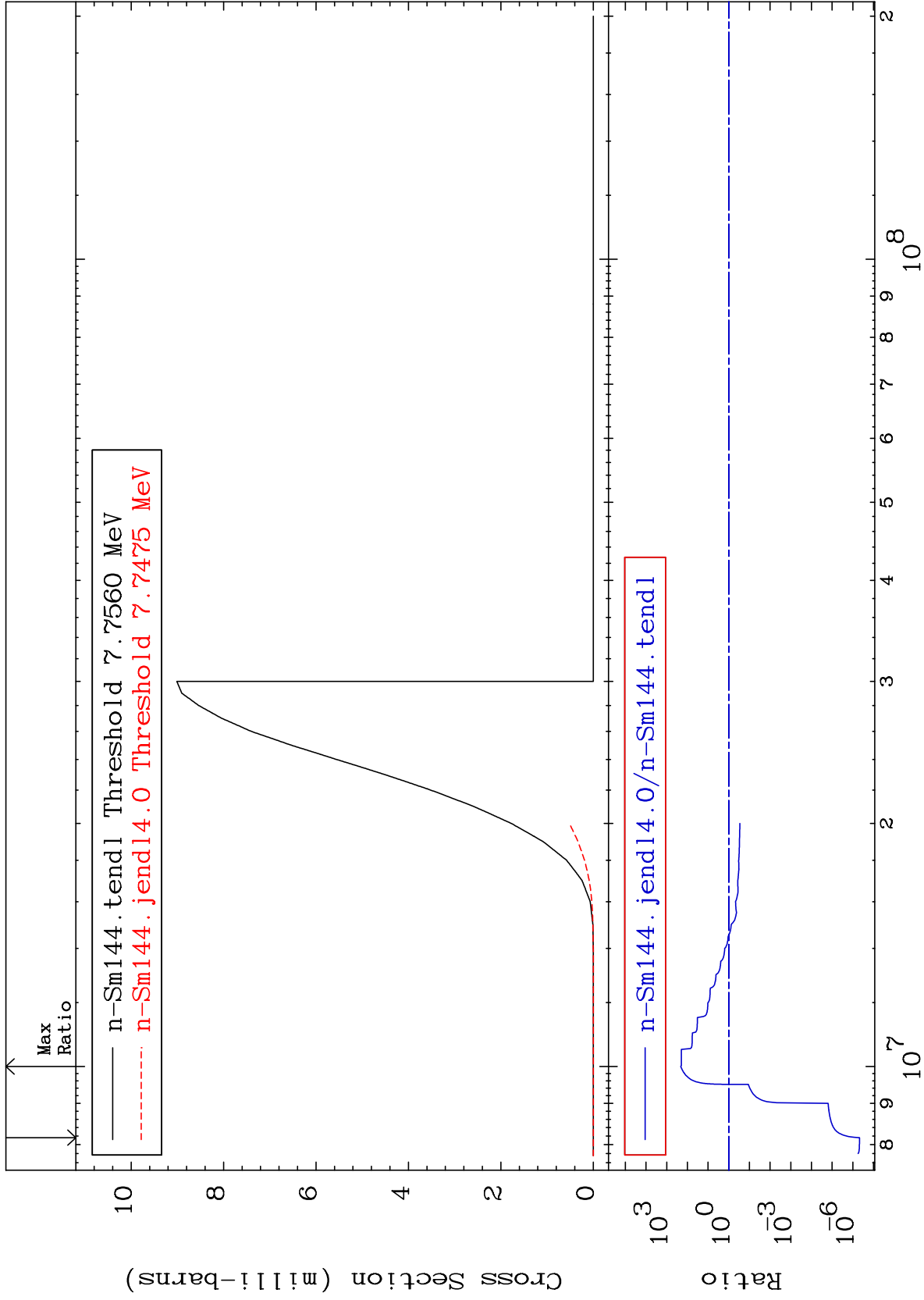
62-Sm-144

MAT 6225

62-Sm-144

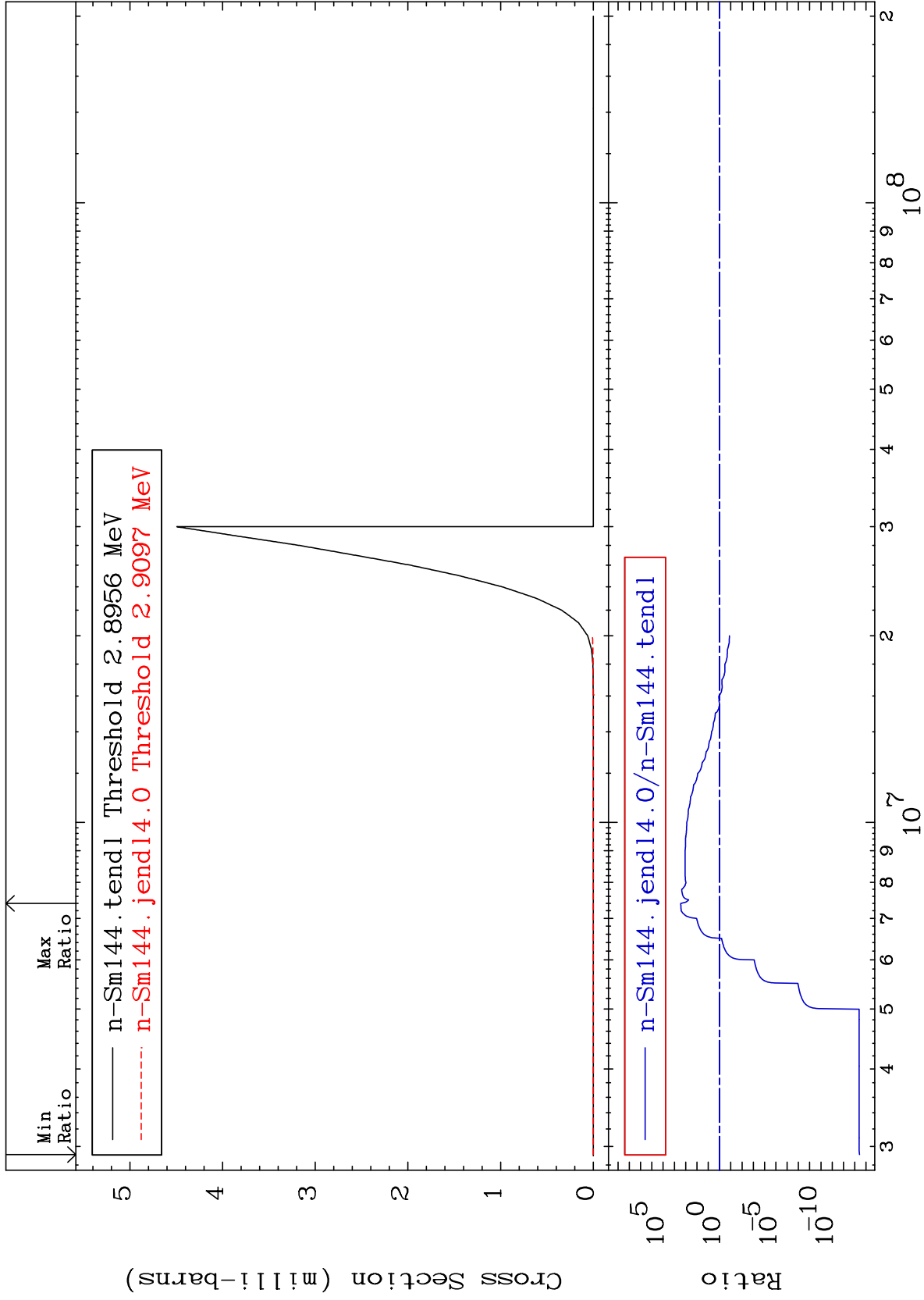
(n, t)
Cross Section

-100.0 To 9999. %



Cross Section

-100.0 To 9999. %



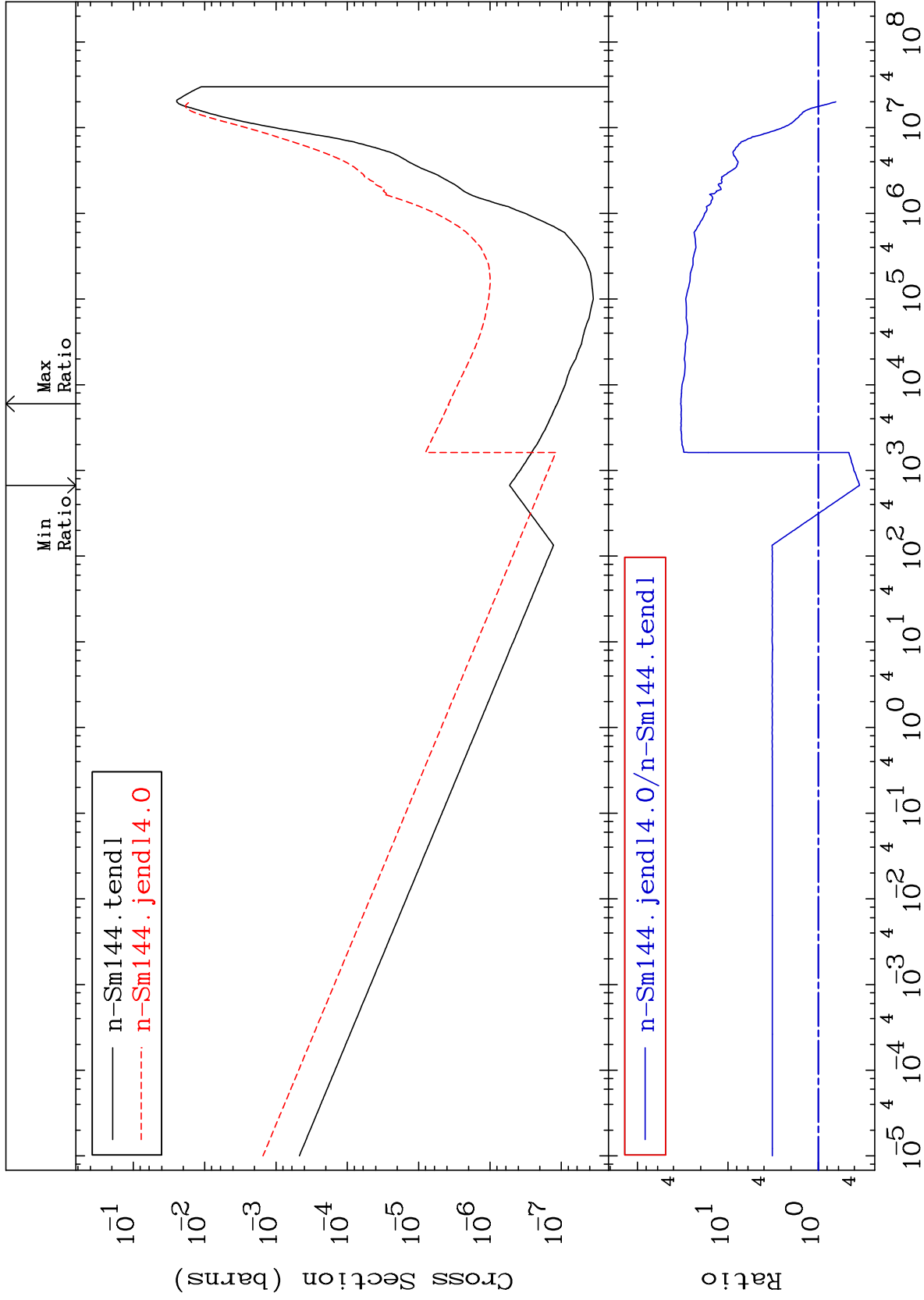
MAT 6225

(n, α)

62-Sm-144

Cross Section

-64.96 To 3220. %



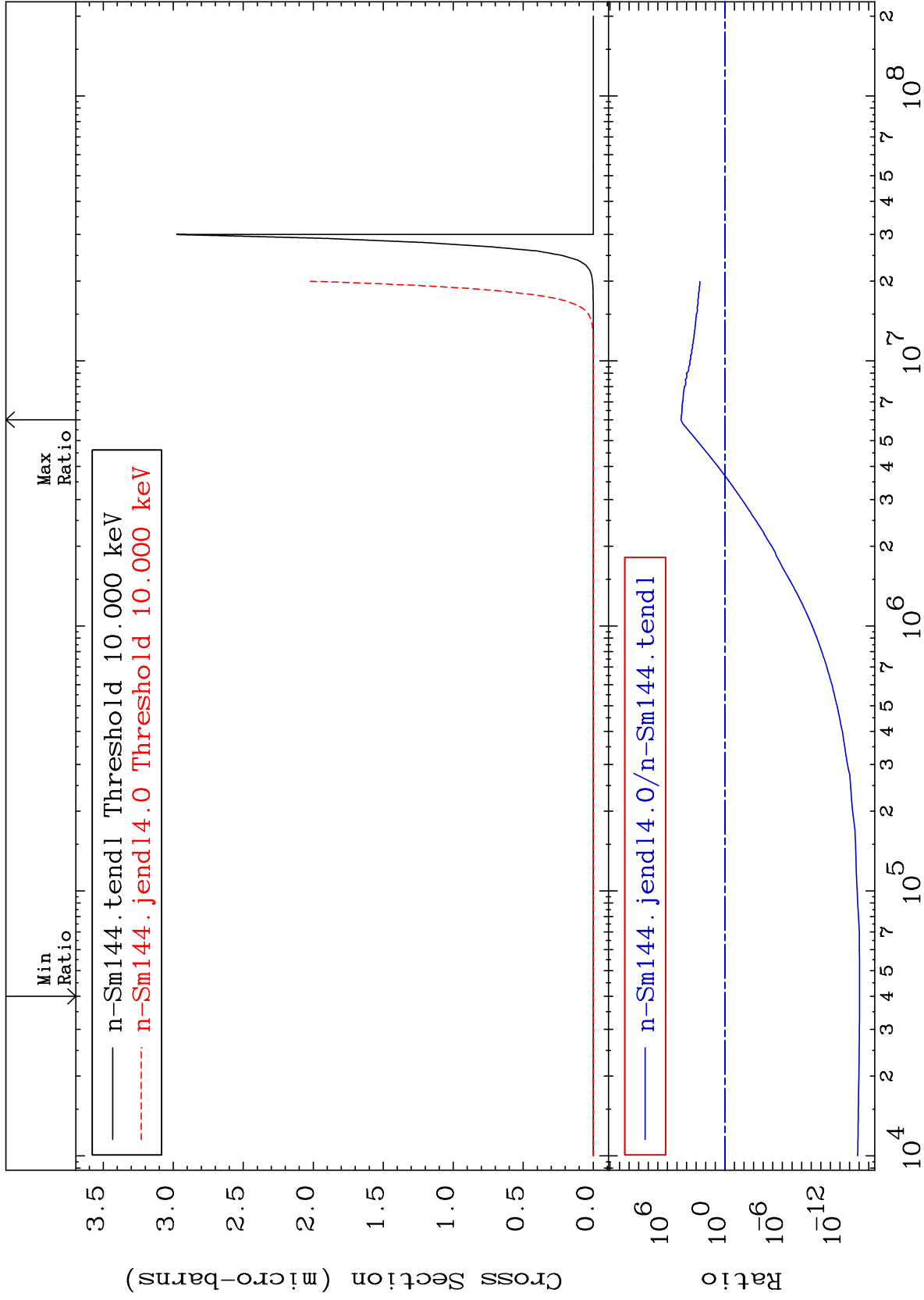
MAT 6225

(n,2α)

62-Sm-144

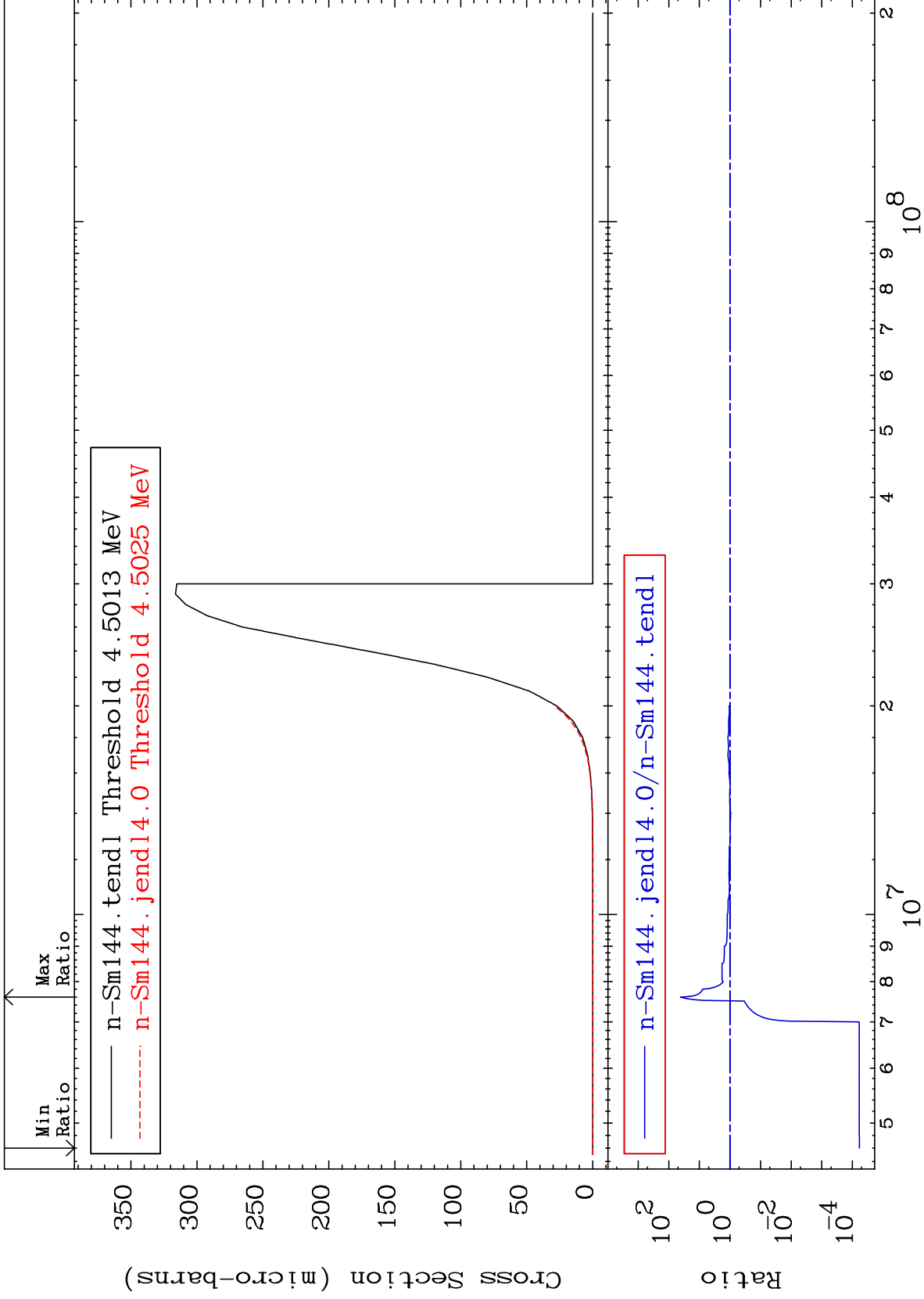
Cross Section

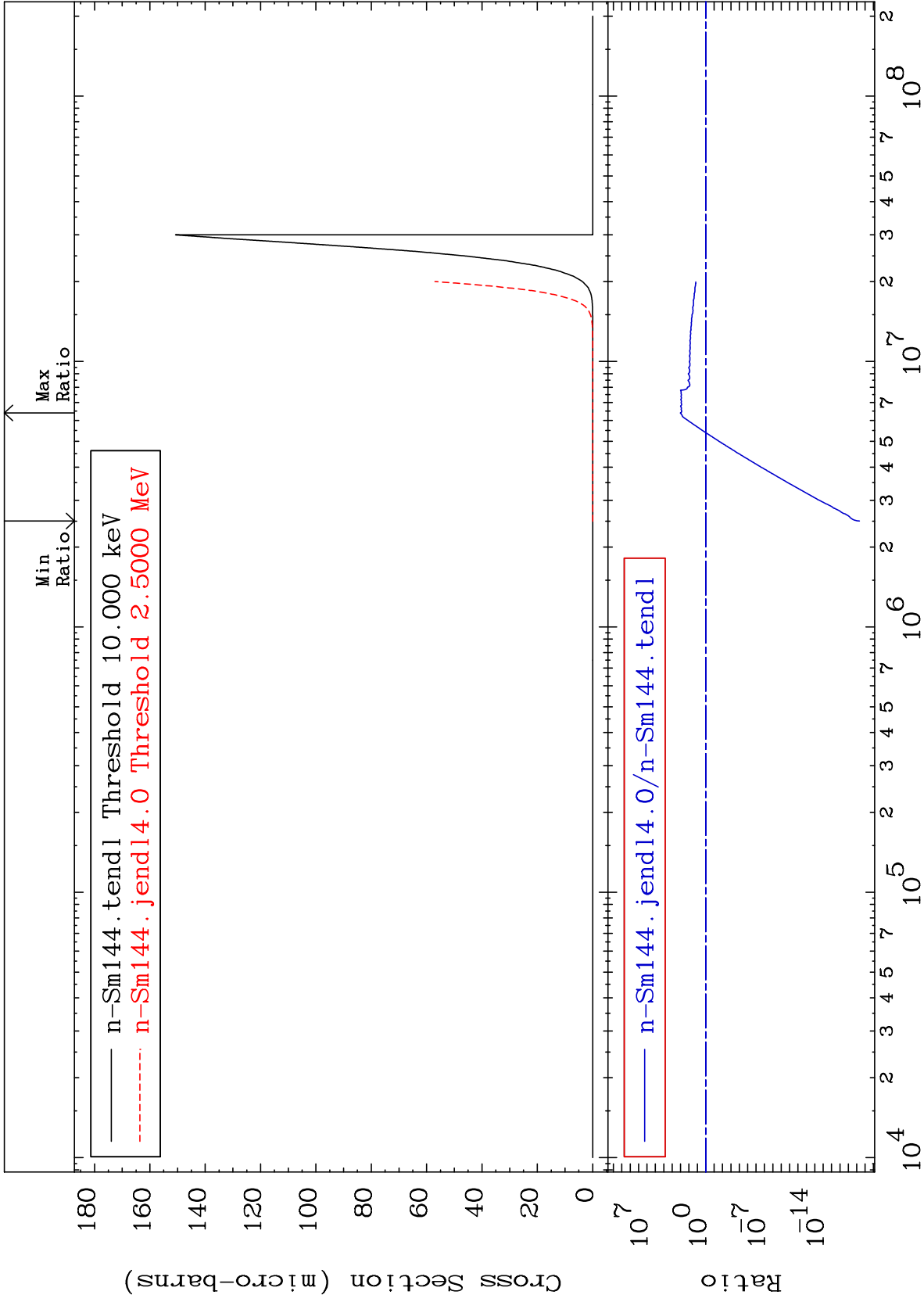
-100.0 To 9999. %



36

62-Sm-144

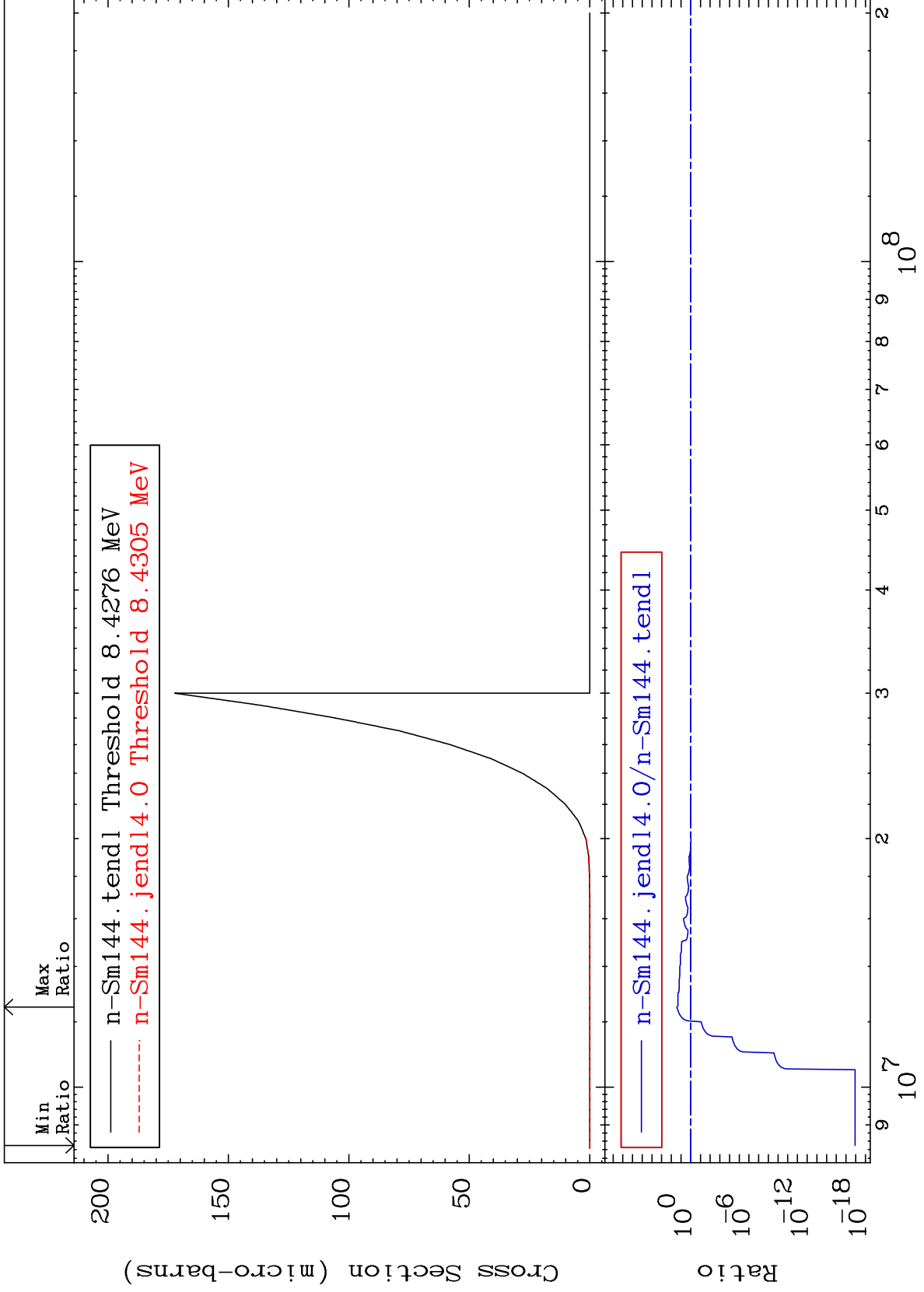


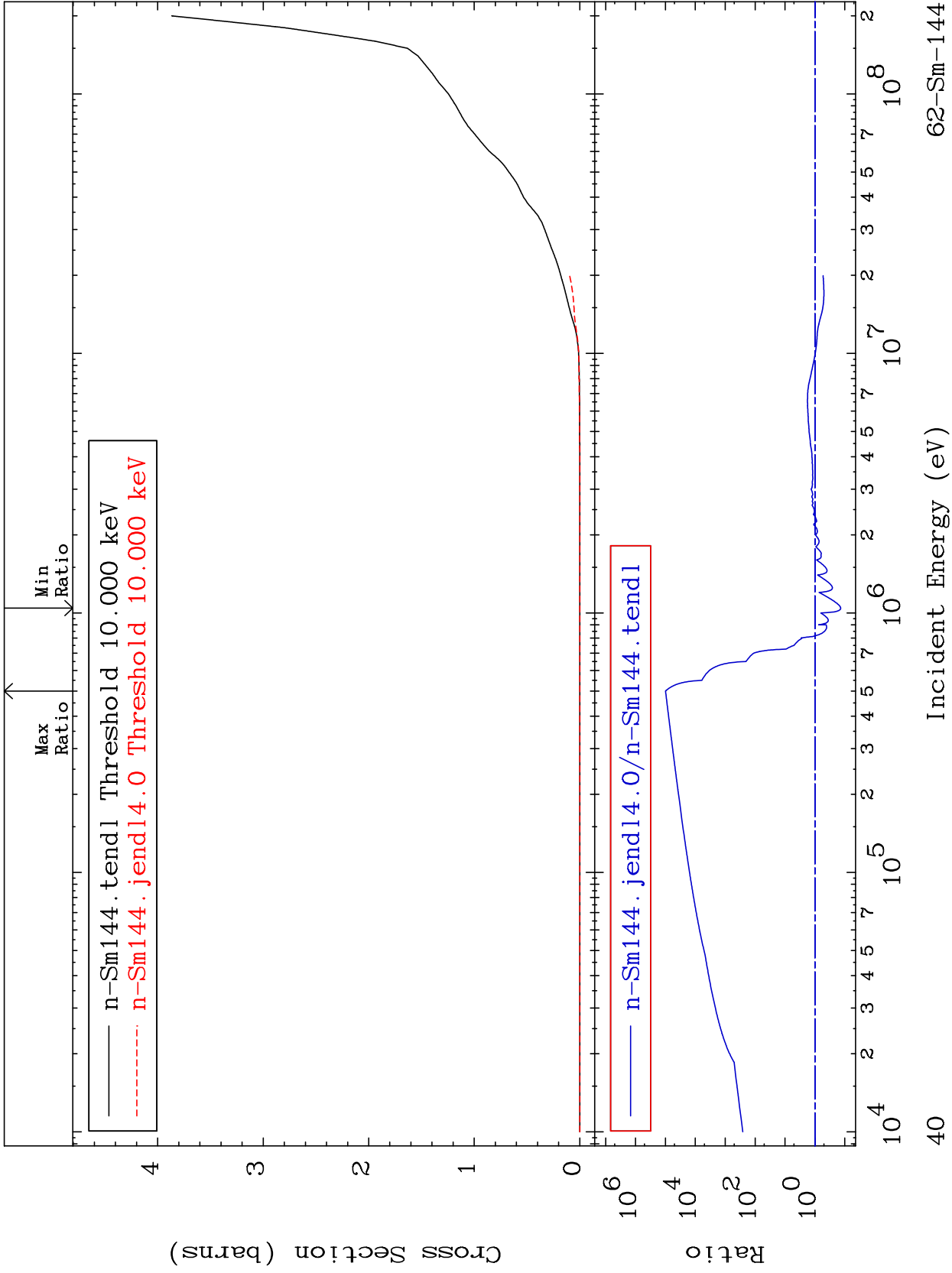


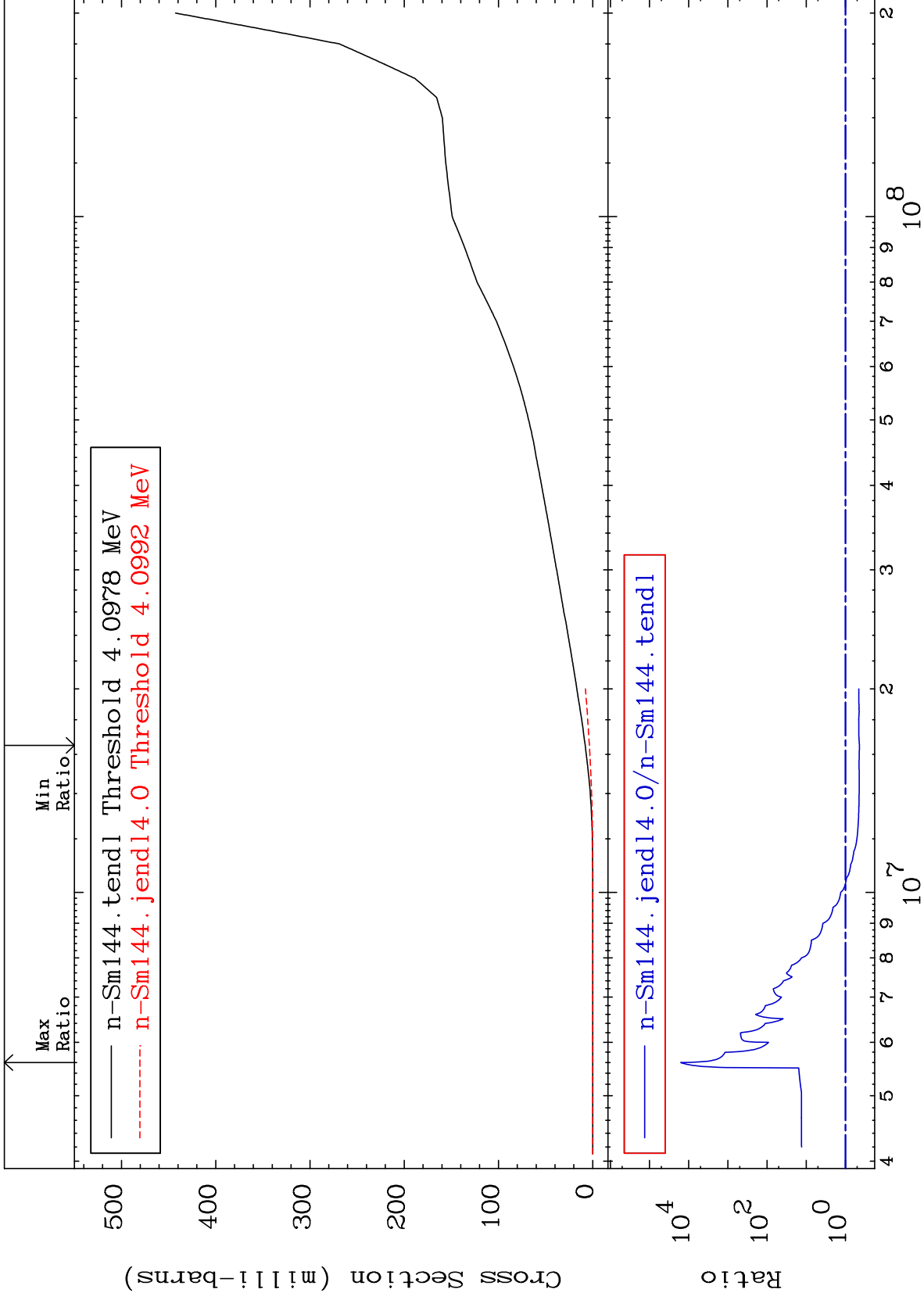
MAT 6225

(n,p) d
Cross Section

62-Sm-144
-100.0 To 2544. %



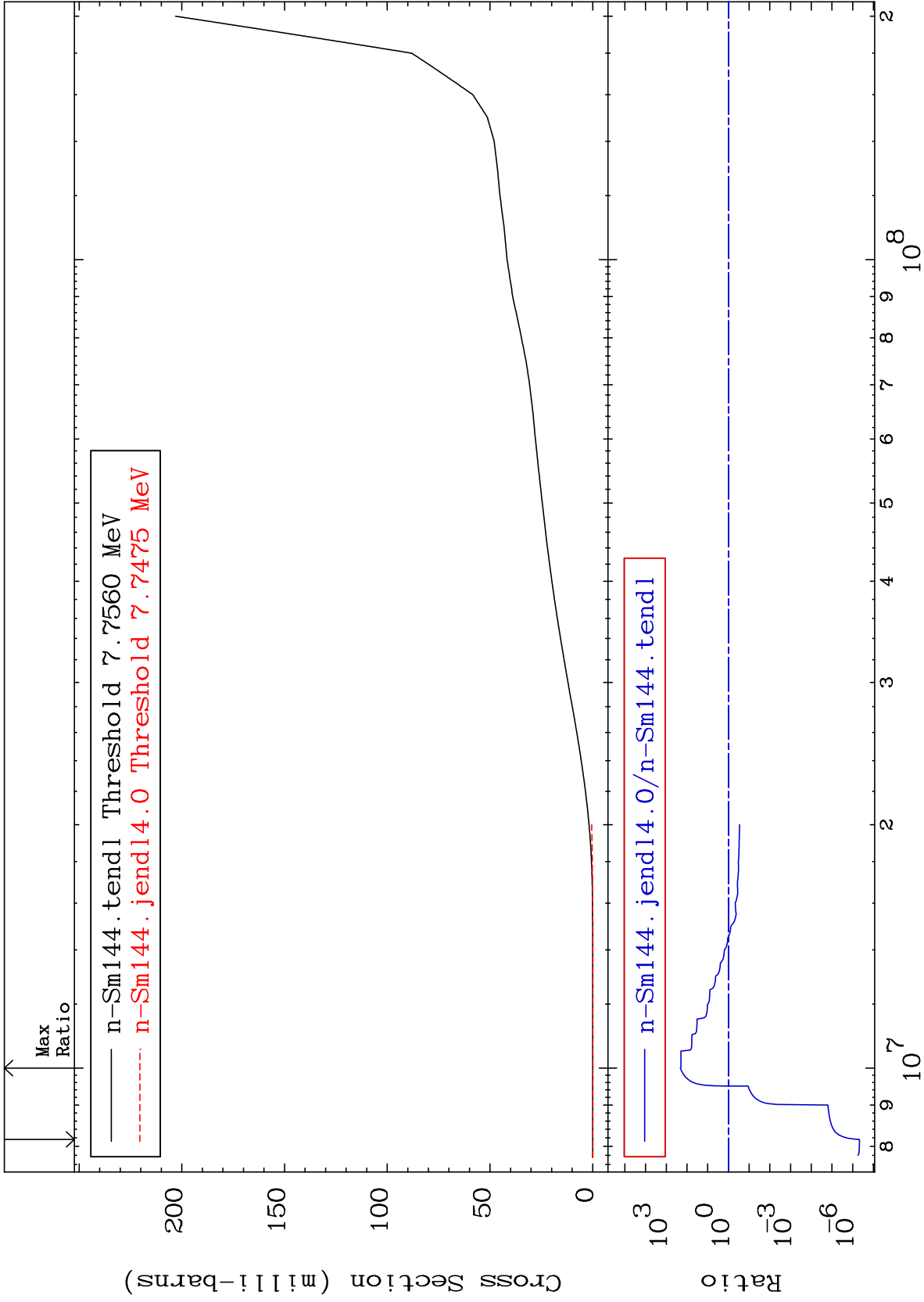


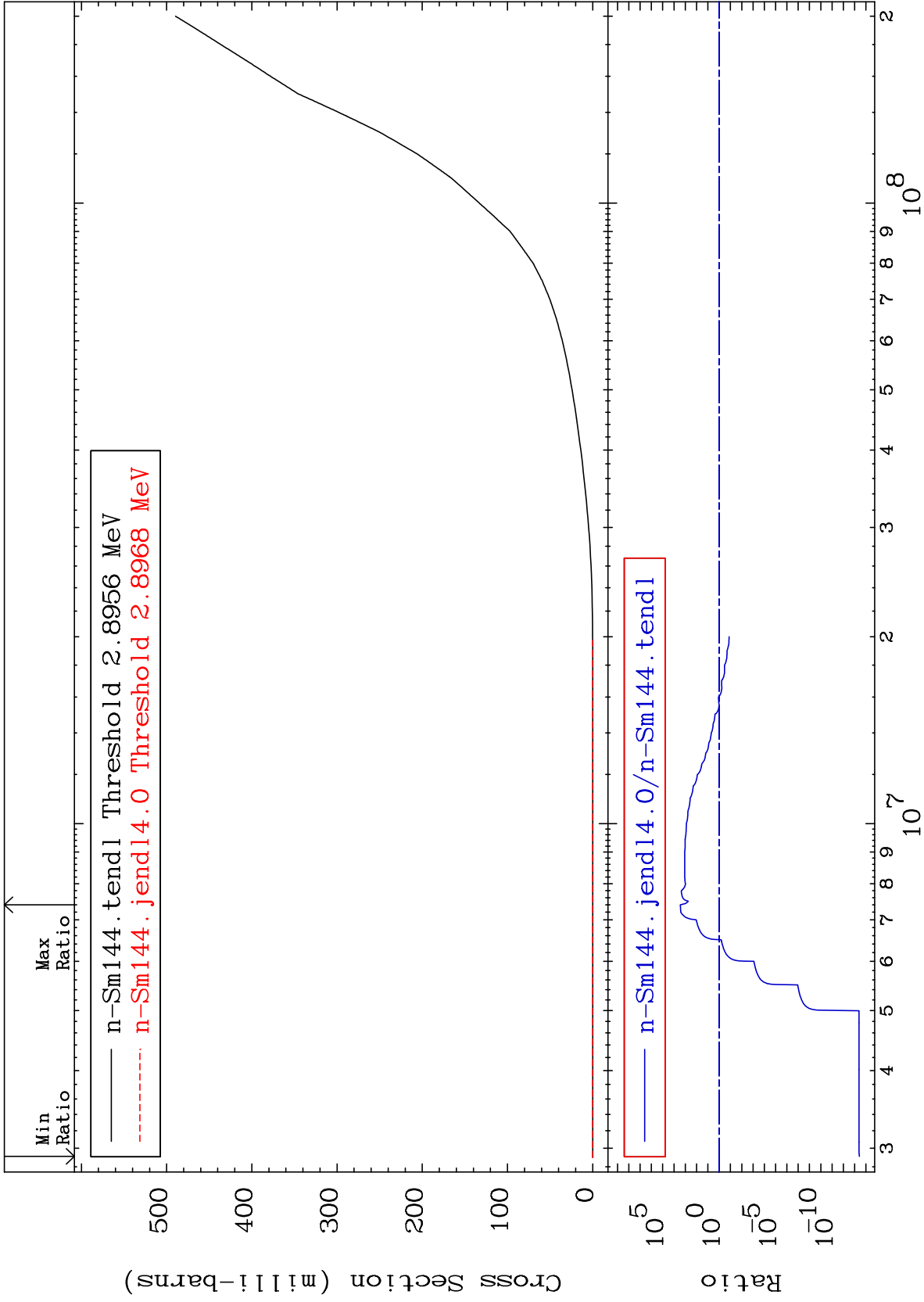


MAT 6225

Tritium Production
Cross Section

62-Sm-144
-100.0 To 9999. %

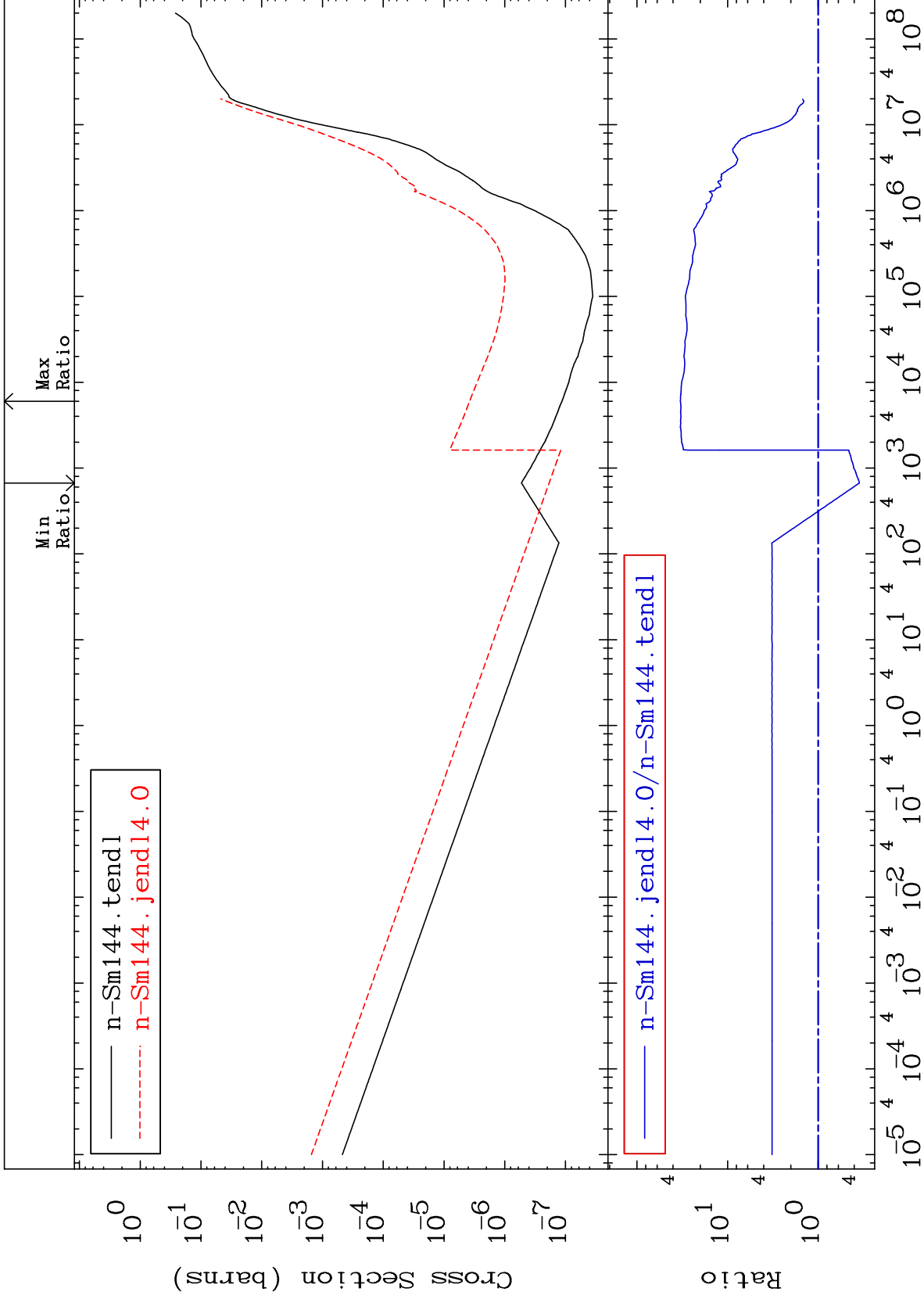




MAT 6225

He-4 Production
Cross Section

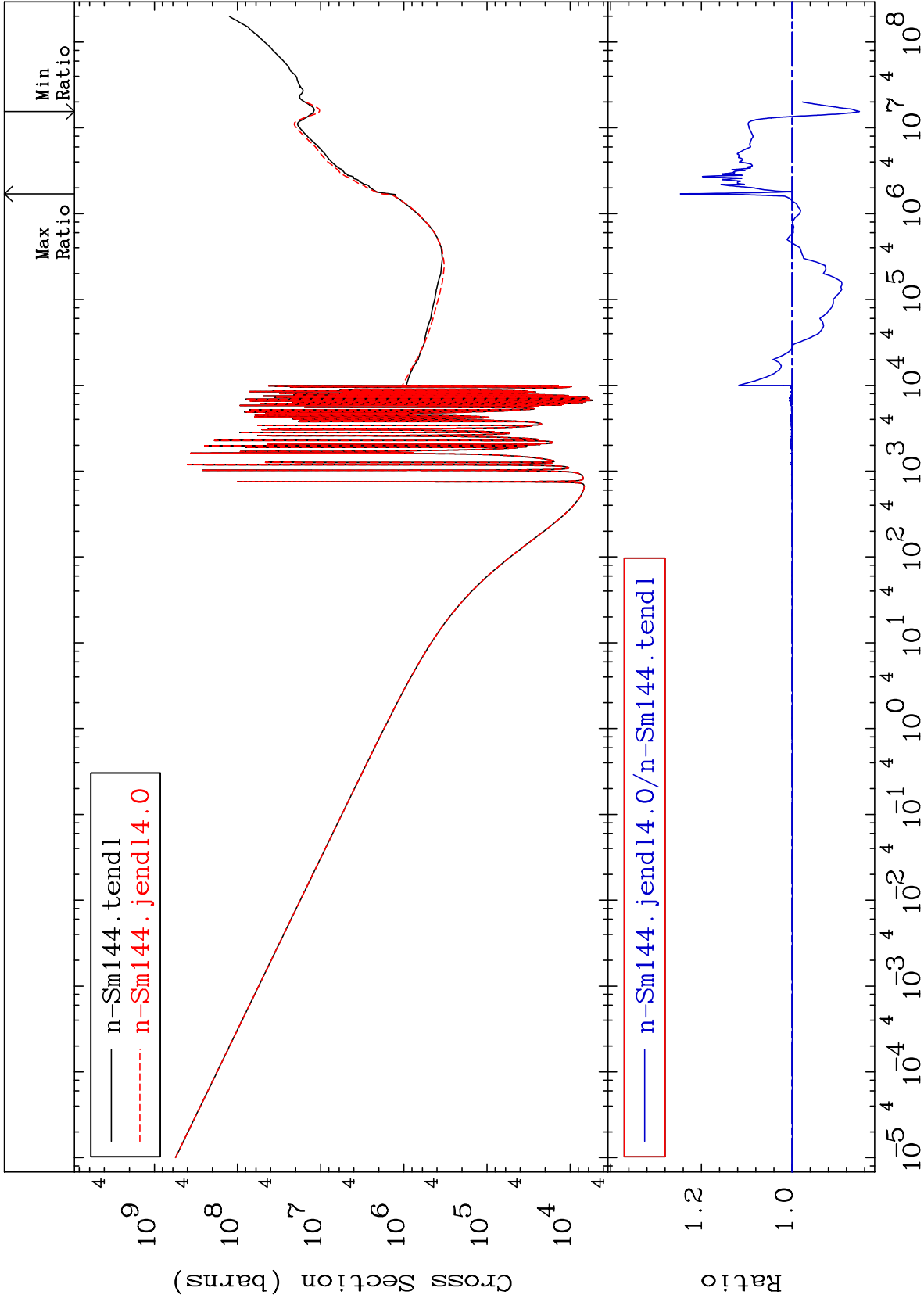
62-Sm-144
-64.96 To 3220. %

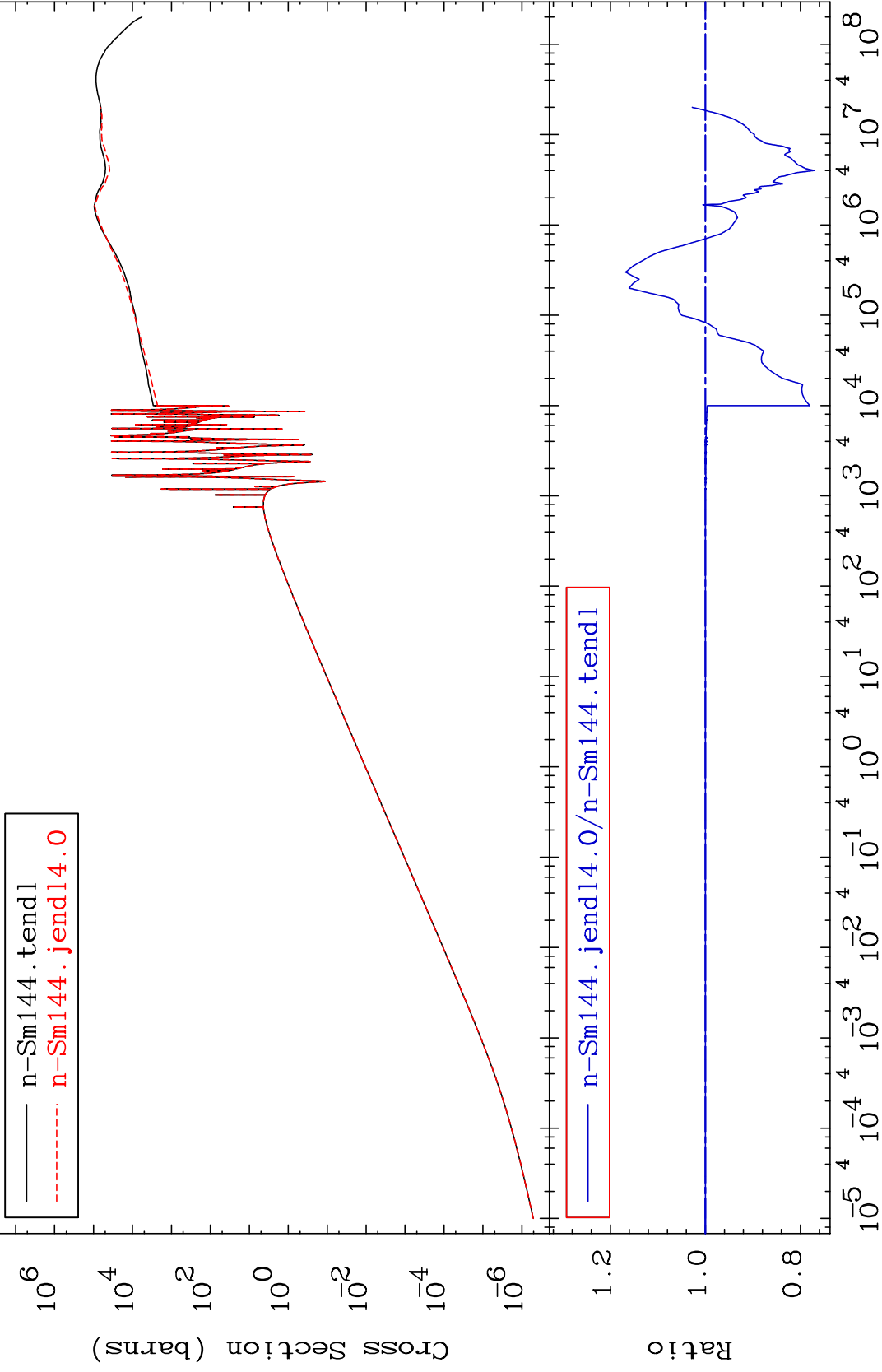


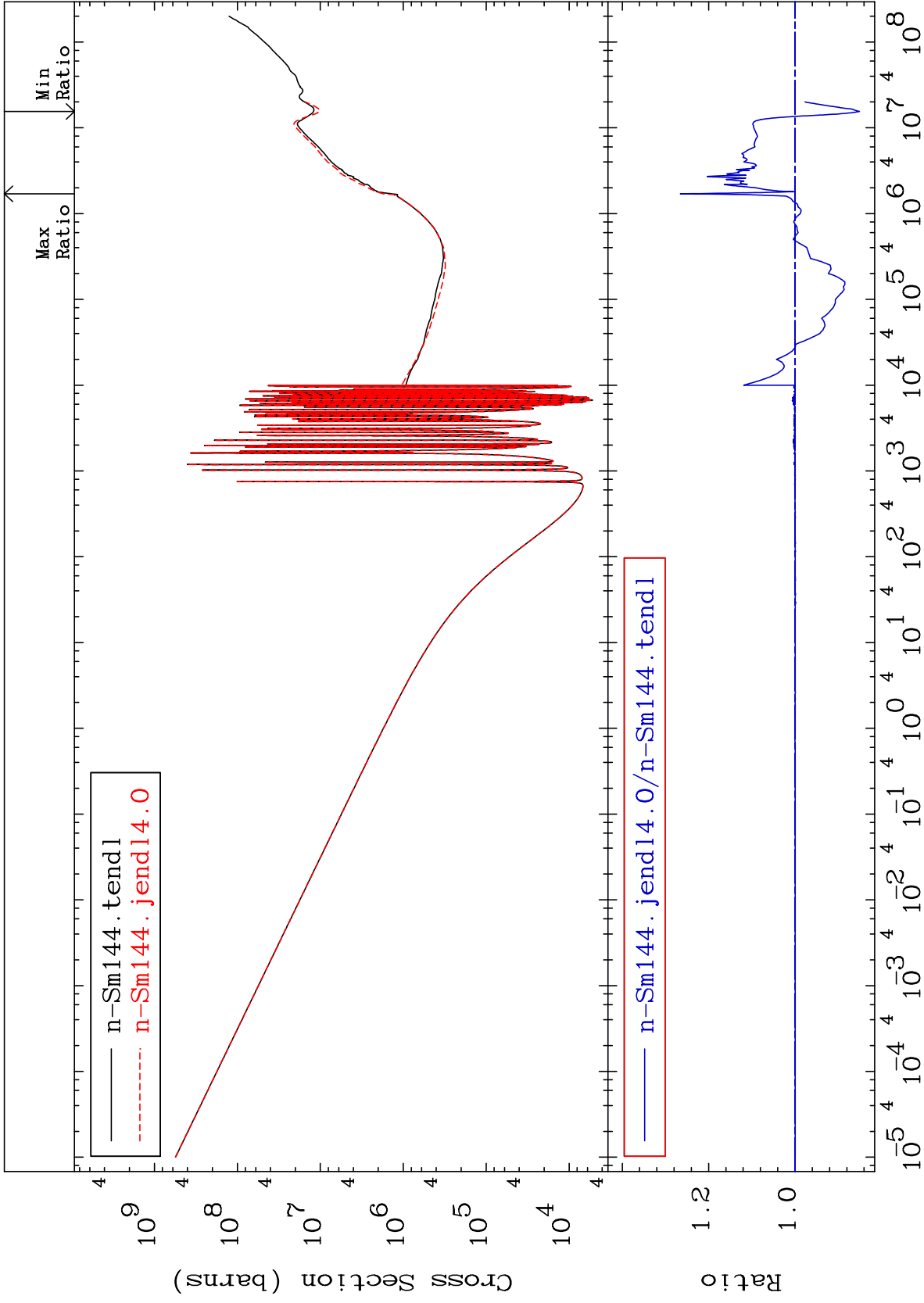
44

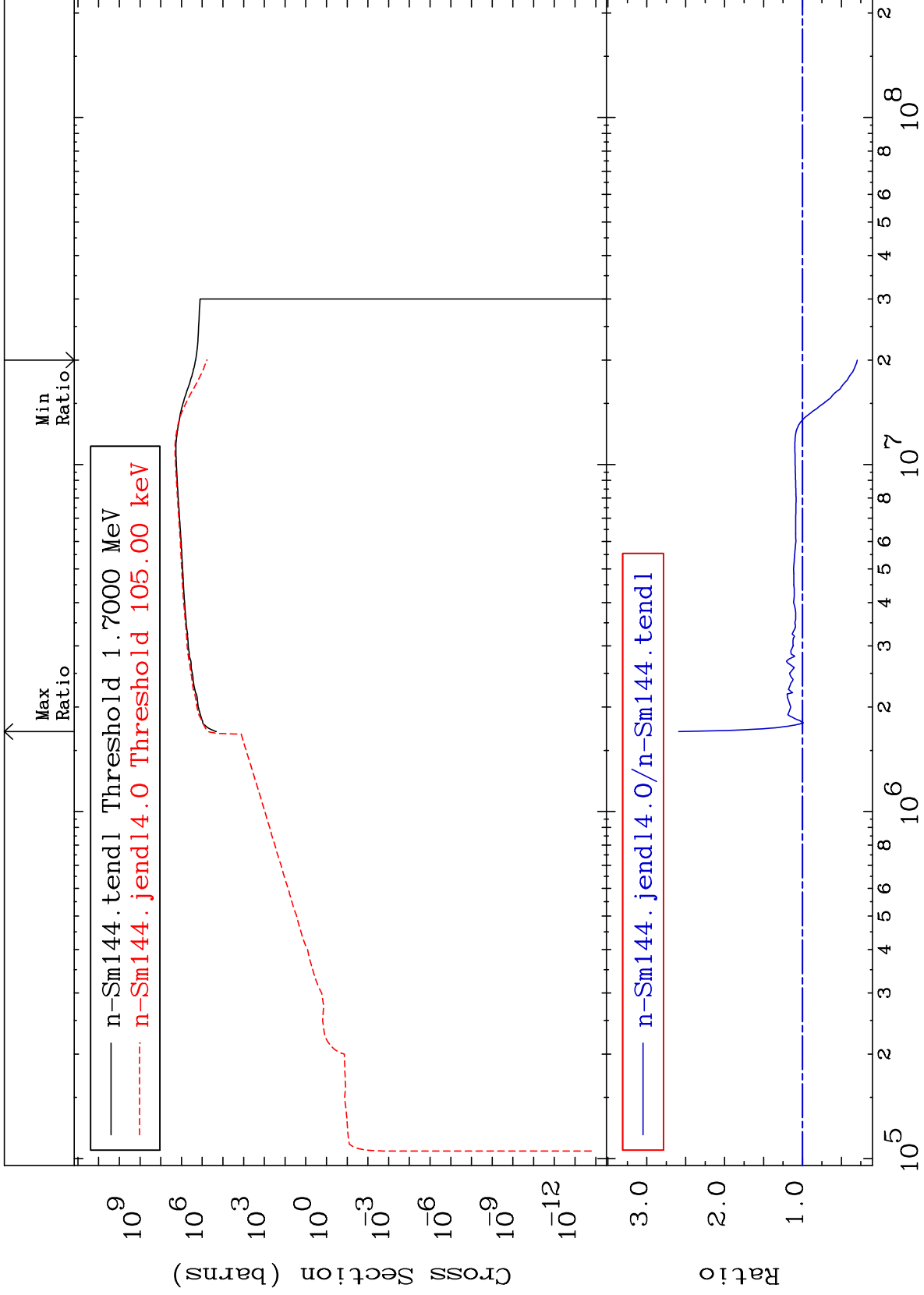
Incident Energy (eV)

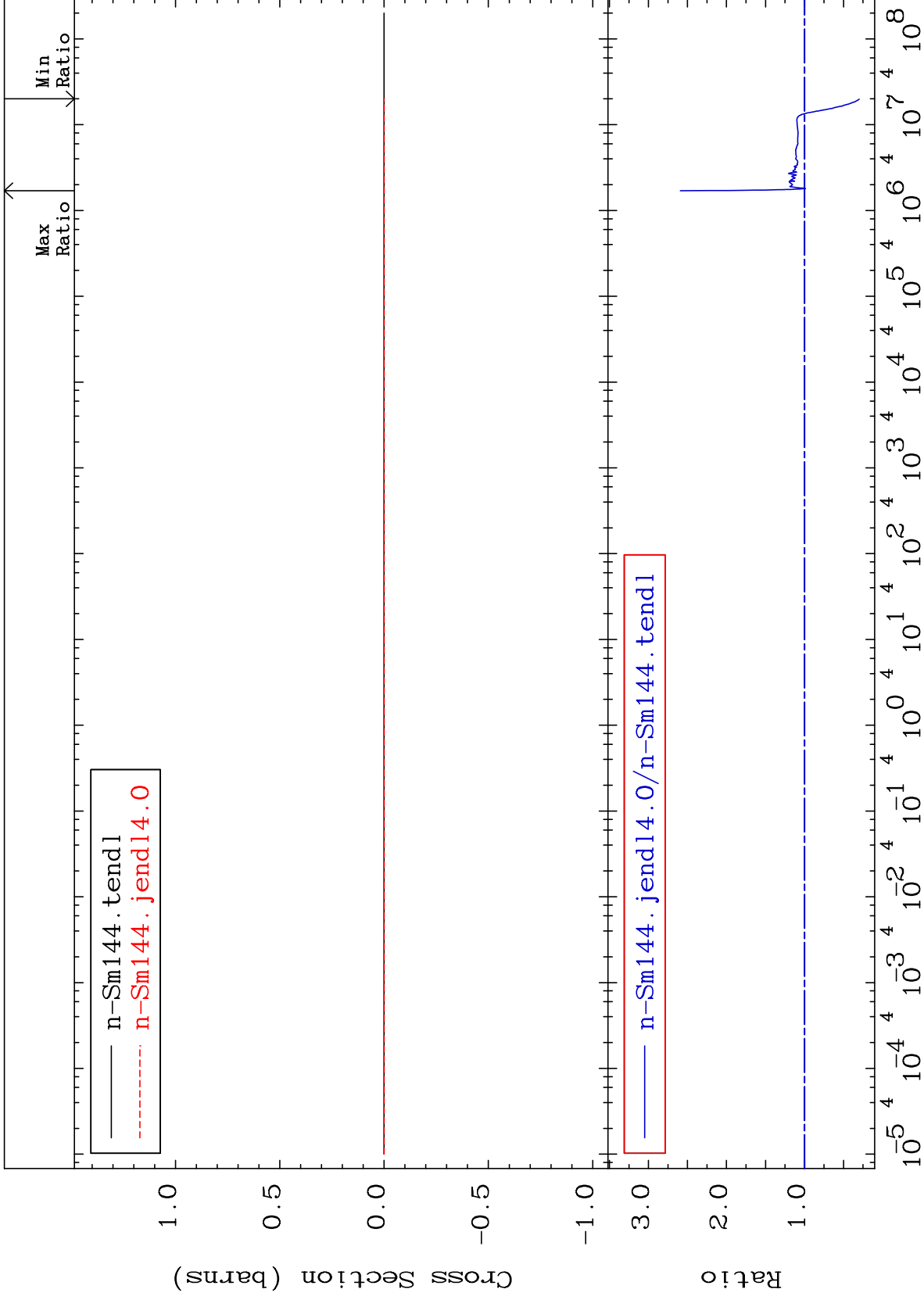
62-Sm-144











MAT 6225

Kerma capture (mt102)
Cross Section

62-Sm-144
-52.97 To 162.8 %

