

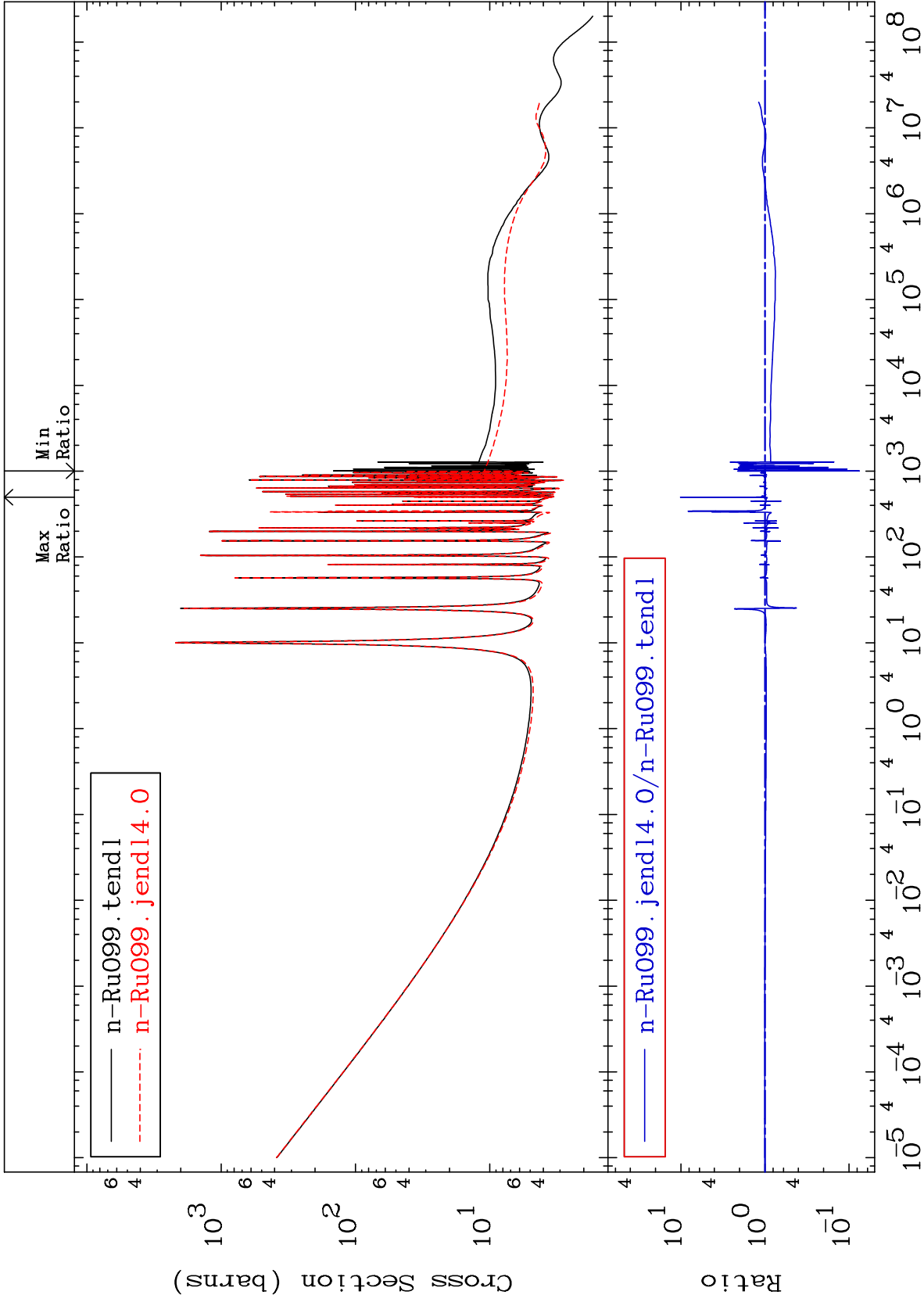
MAT 4434

Total

44-Ru-99

Cross Section

-92.50 To 914.4 %



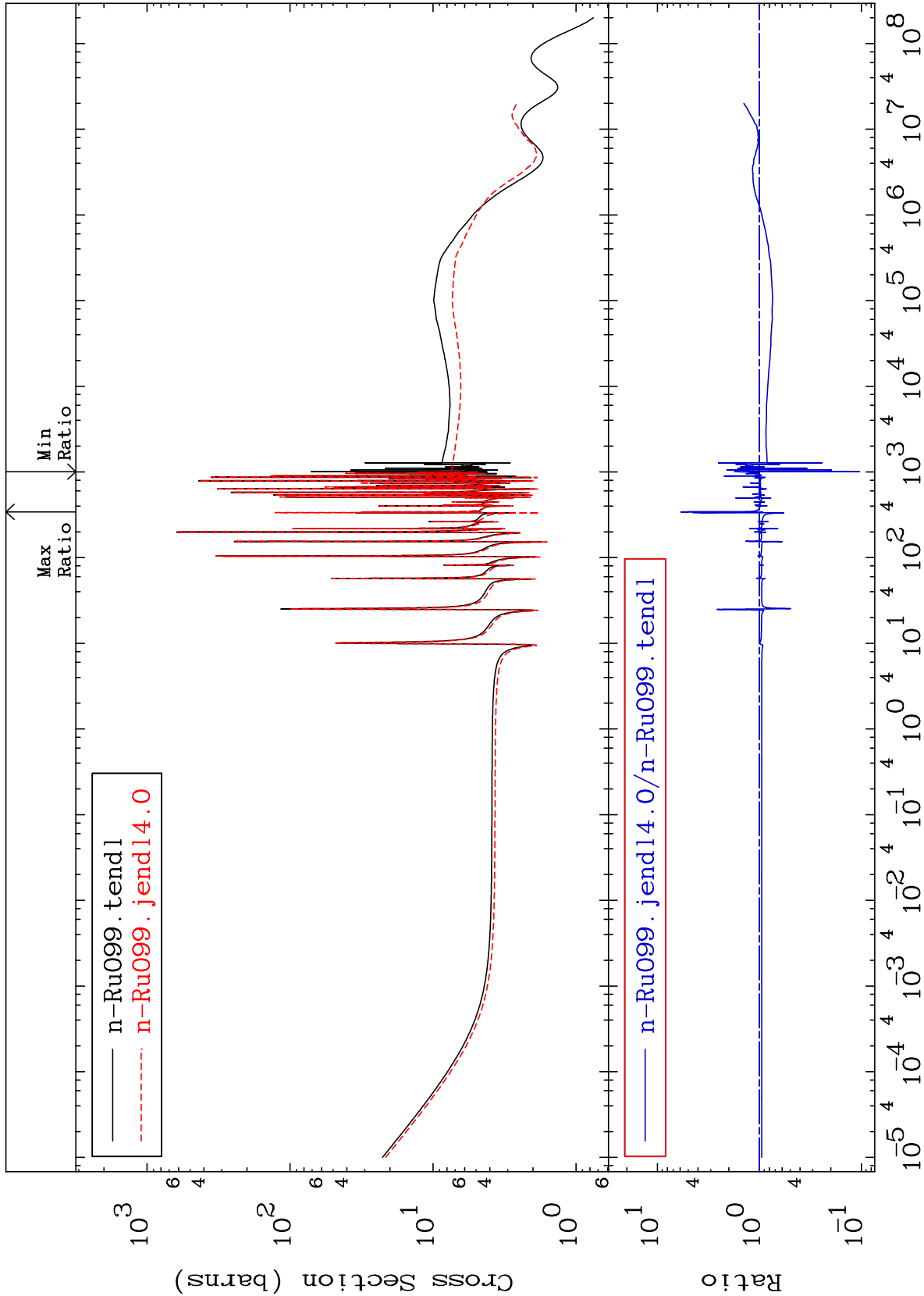
MAT 4434

Elastic

44-Ru-99

Cross Section

-89.57 To 490.7 %



Incident Energy (eV)

44-Ru-99

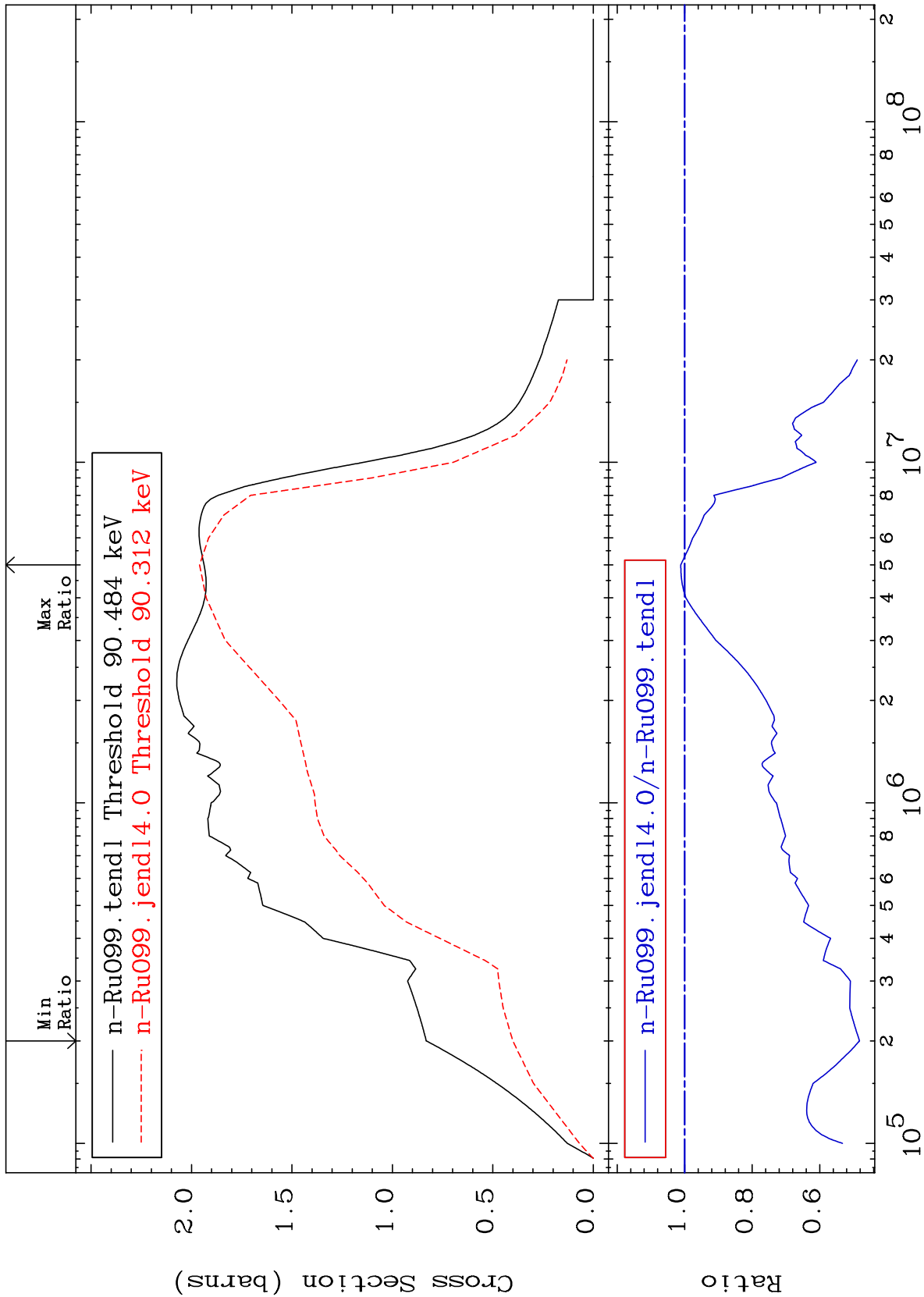
MAT 4434

44-Ru-99

Inelastic

Cross Section

-51.80 To 1.159 %



Incident Energy (eV)

44-Ru-99

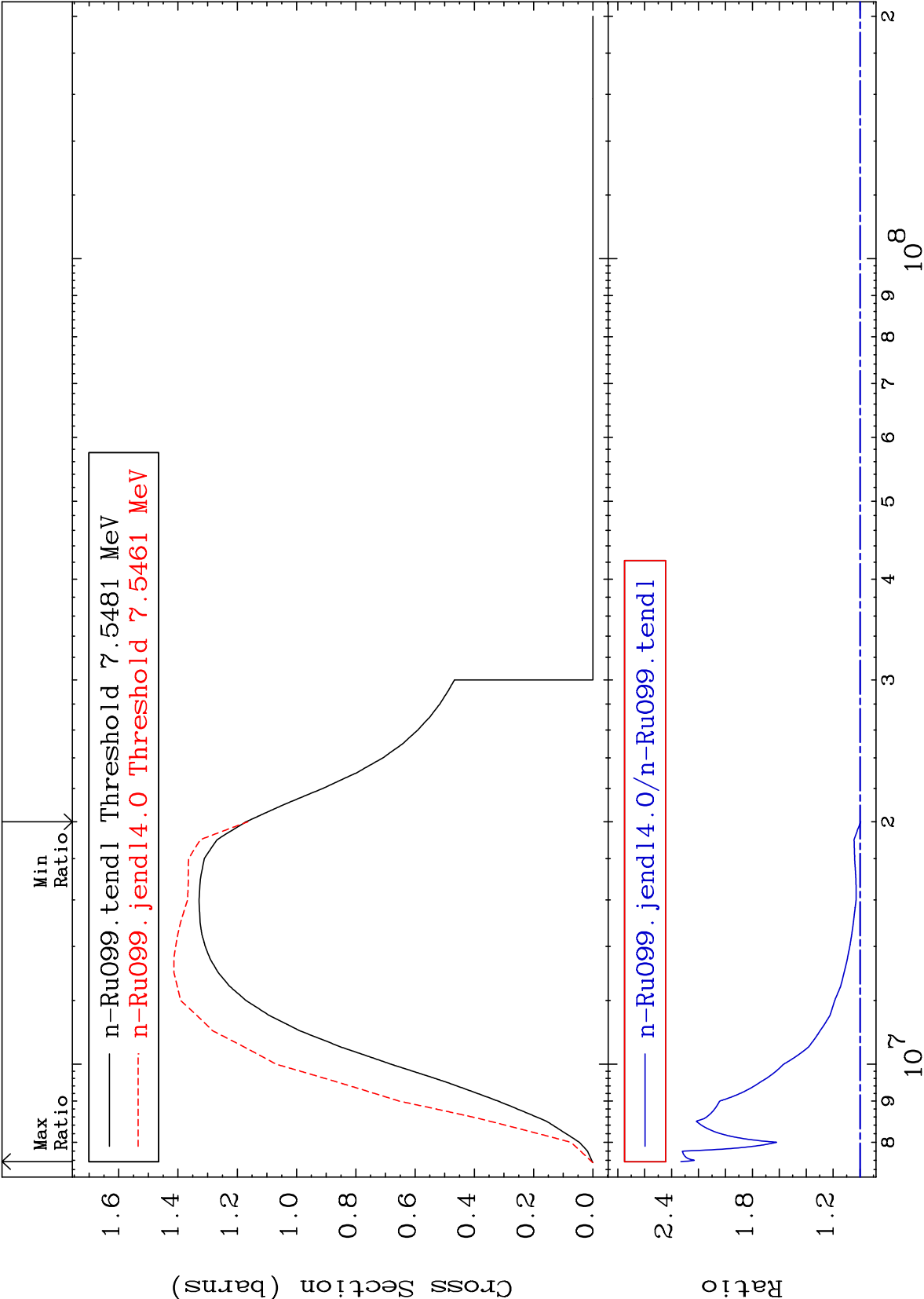
MAT 4434

(n,2n)

44-Ru-99

Cross Section

-0.497 To 133.1 %



MAT 4434

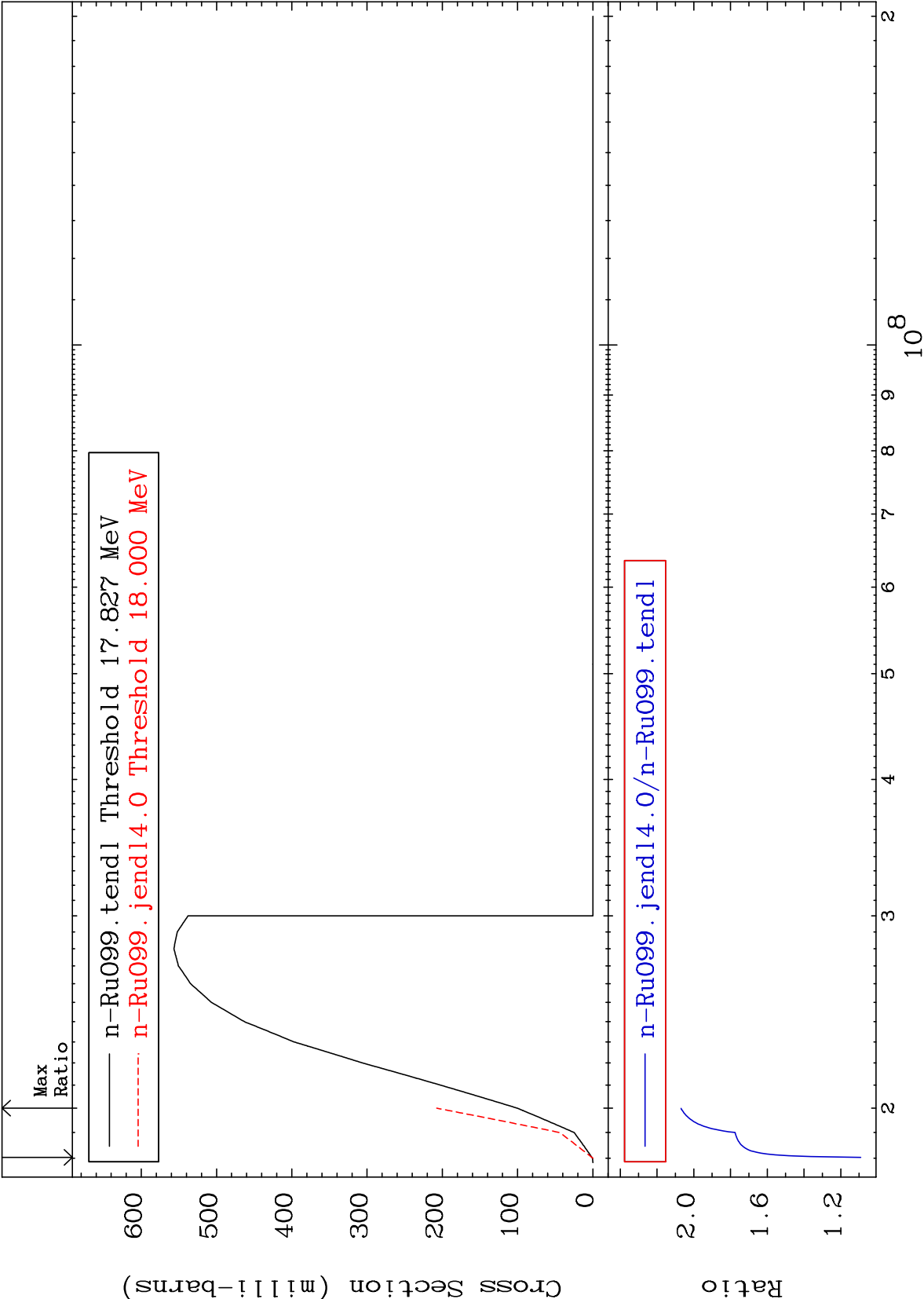
(n,3n)

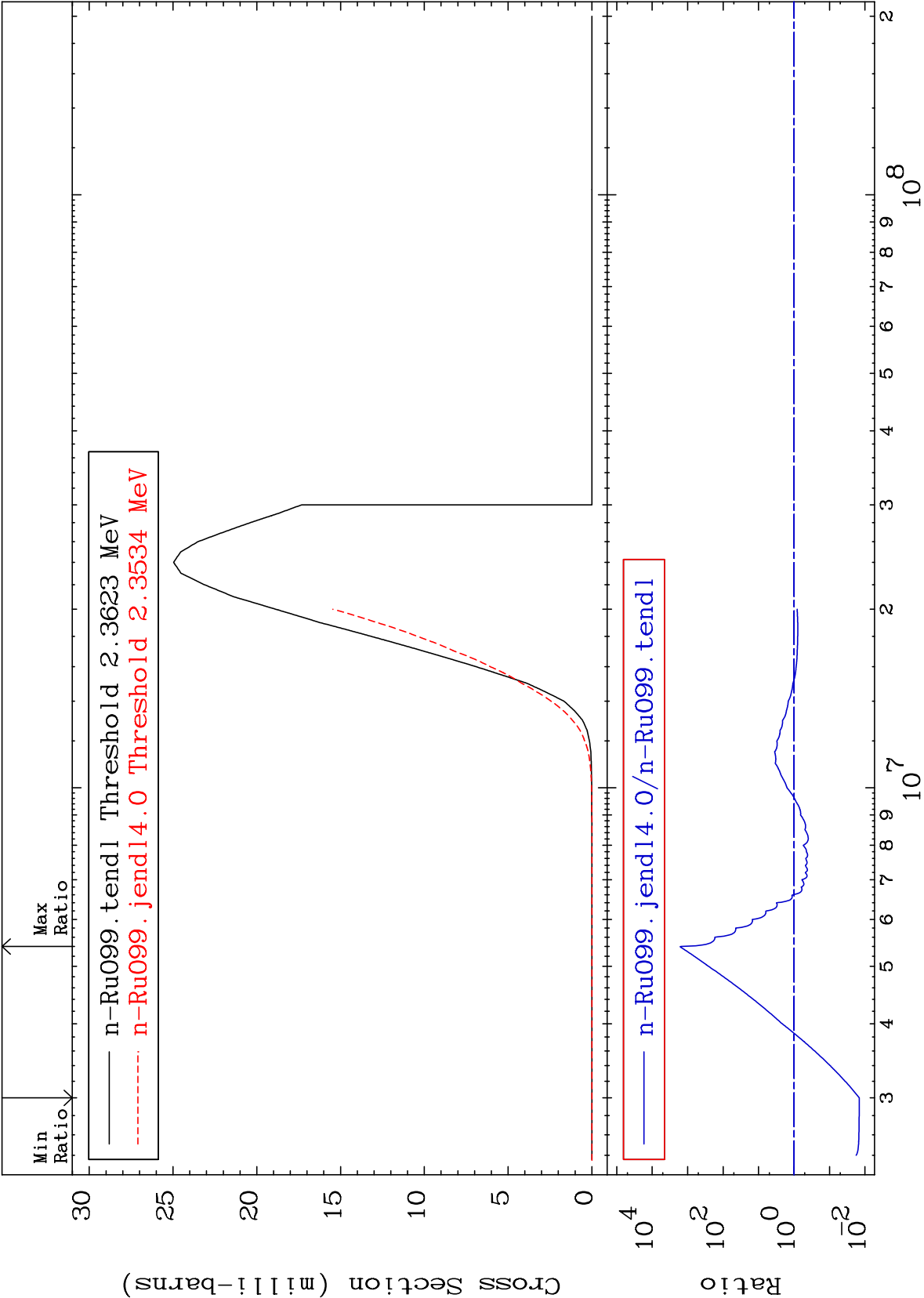
44-Ru-99

Cross Section

9.140

To 107.0 %

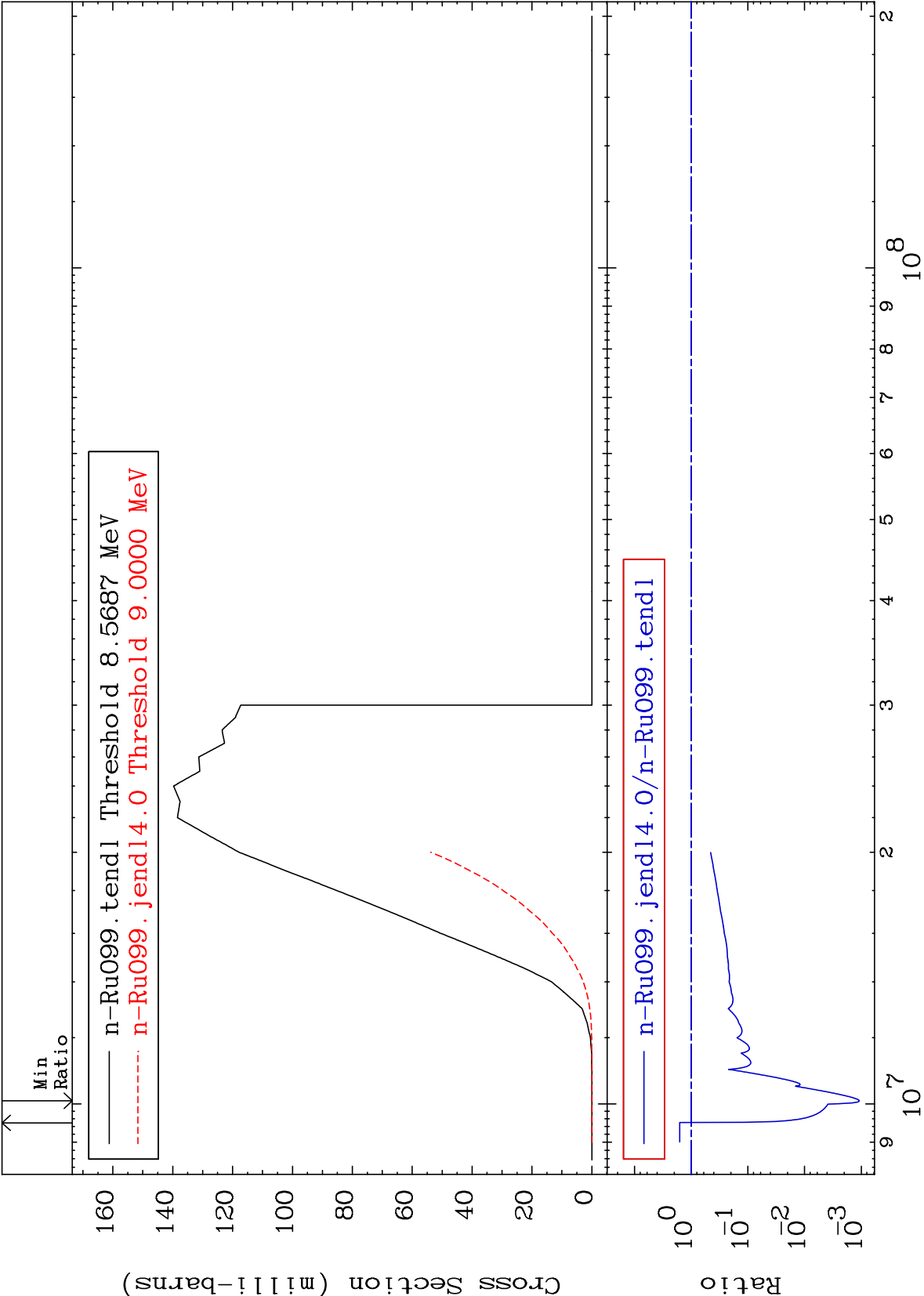




MAT 4434

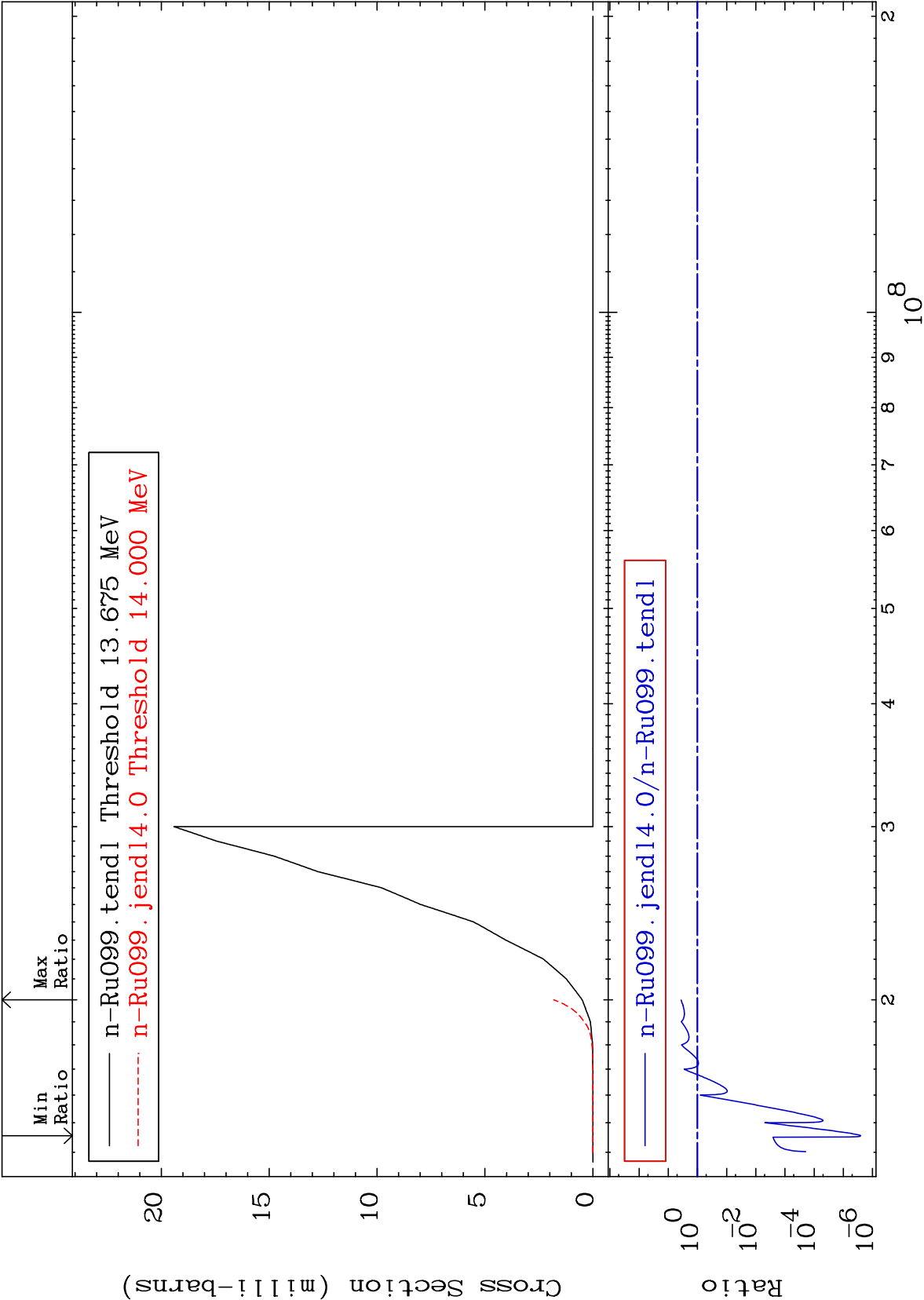
(n,n') p
Cross Section

44-Ru-99
-99.89 To 59.70 %



Incident Energy (eV)

44-Ru-99



MAT 4434

MT=51 (n,n') Level

44-Ru-99

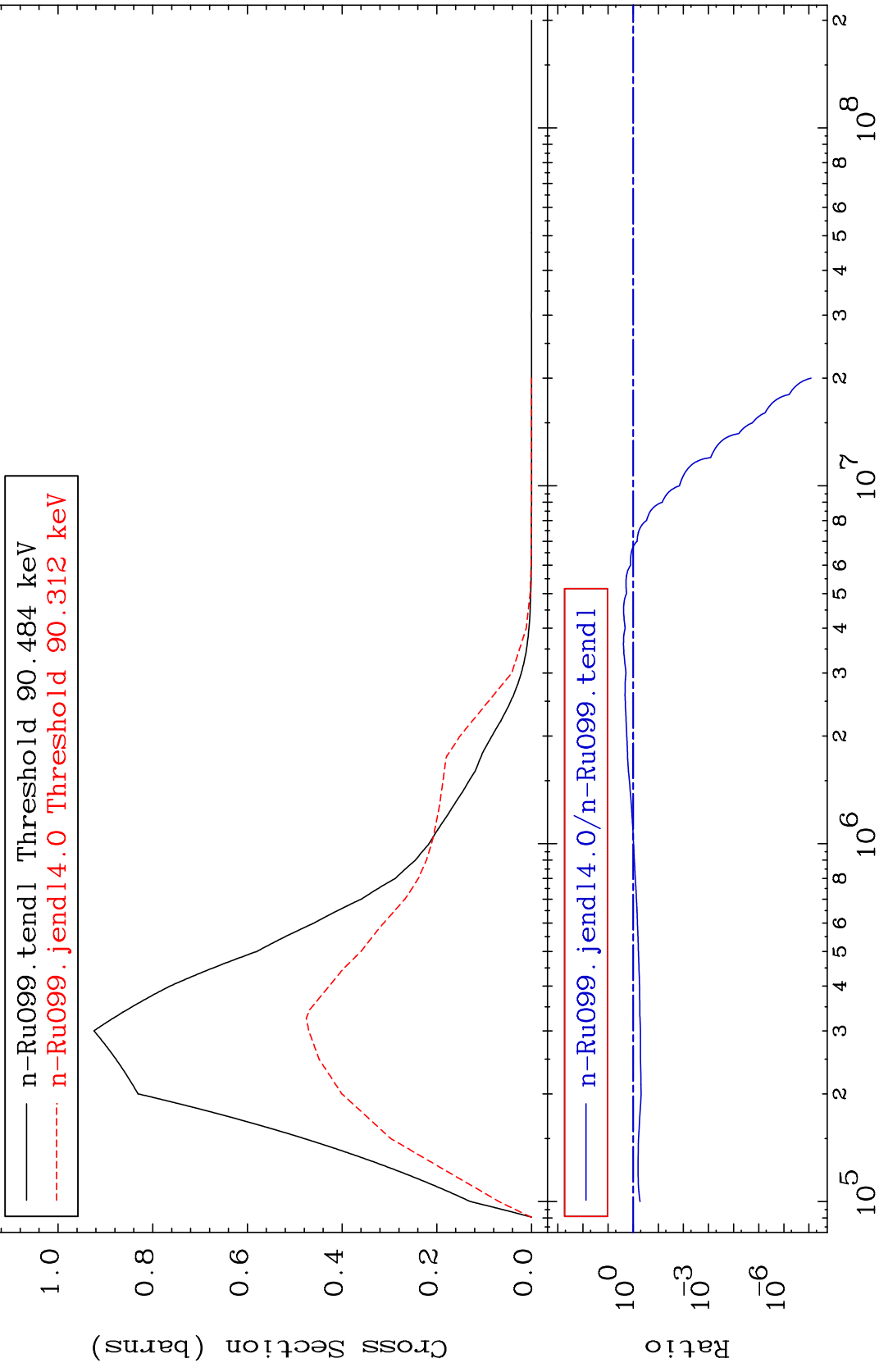
-100.0 To 144.5 %

Cross Section

Min Ratio

Max
Ratio

Min Ratio

Max
Ratio

----- n-Ru099.jendl4.0 Threshold 90.312 keV

— n-Ru099. jendl4.0/n-Ru099. tendl

9

Incident Energy (eV)

44-Ru-99

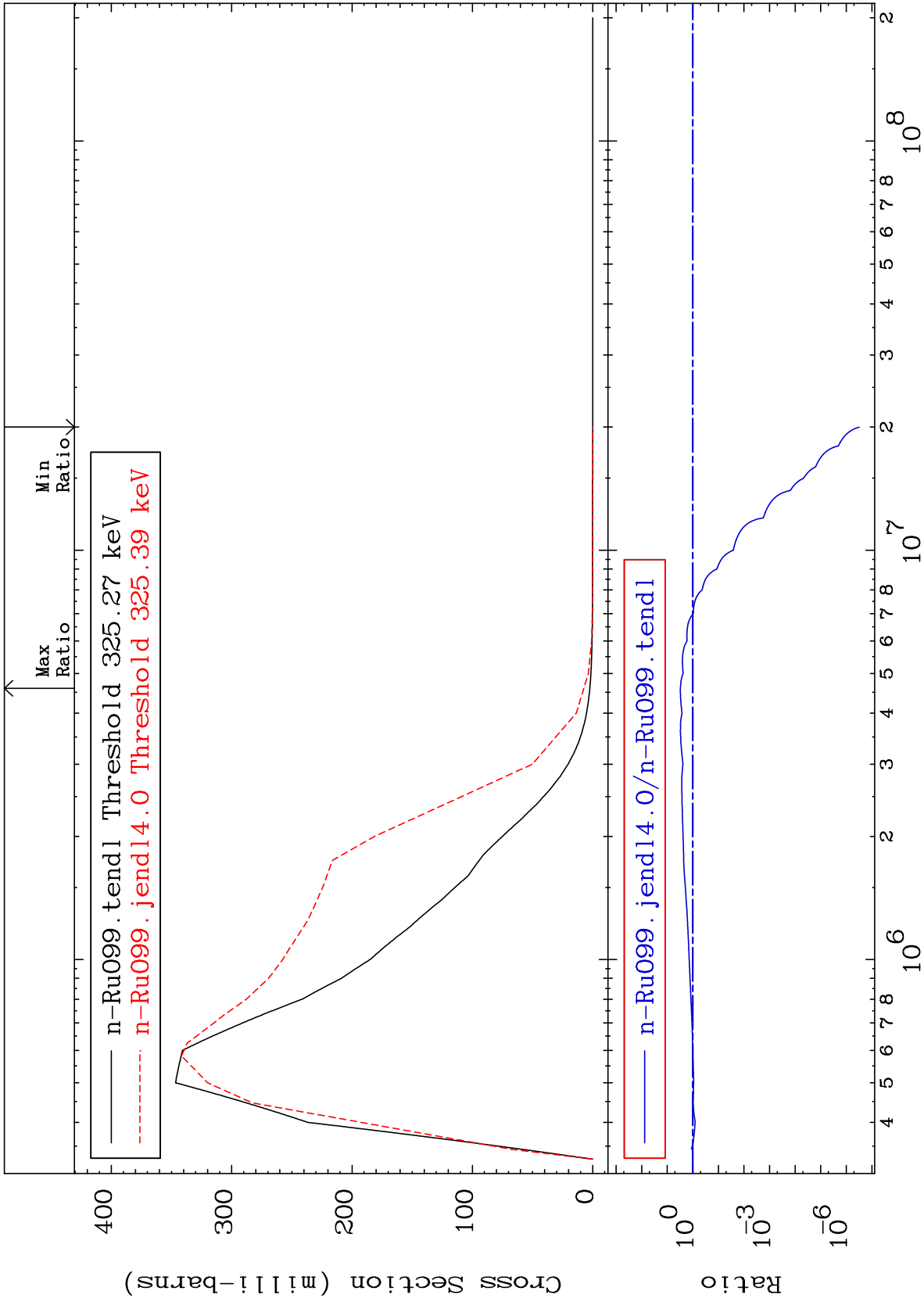
MAT 4434

MT= 52 (n,n') Level

44-Ru-99

-100.0 To 207.2 %

Cross Section



10

Incident Energy (eV)

44-Ru-99

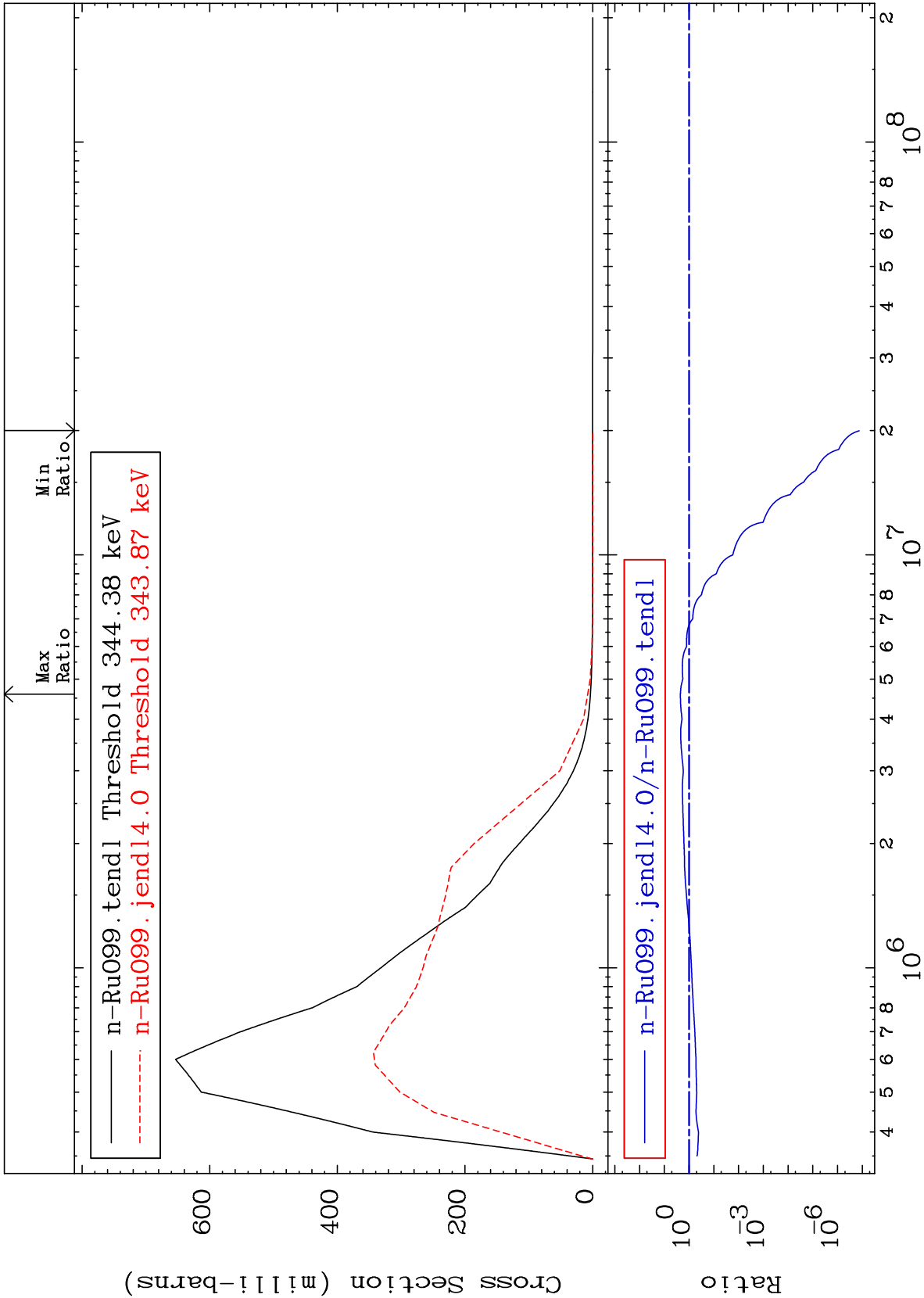
MAT 4434

MT= 53 (n,n') Level

44-Ru-99

-100.0 To 125.2 %

Cross Section



11

Incident Energy (eV)

44-Ru-99

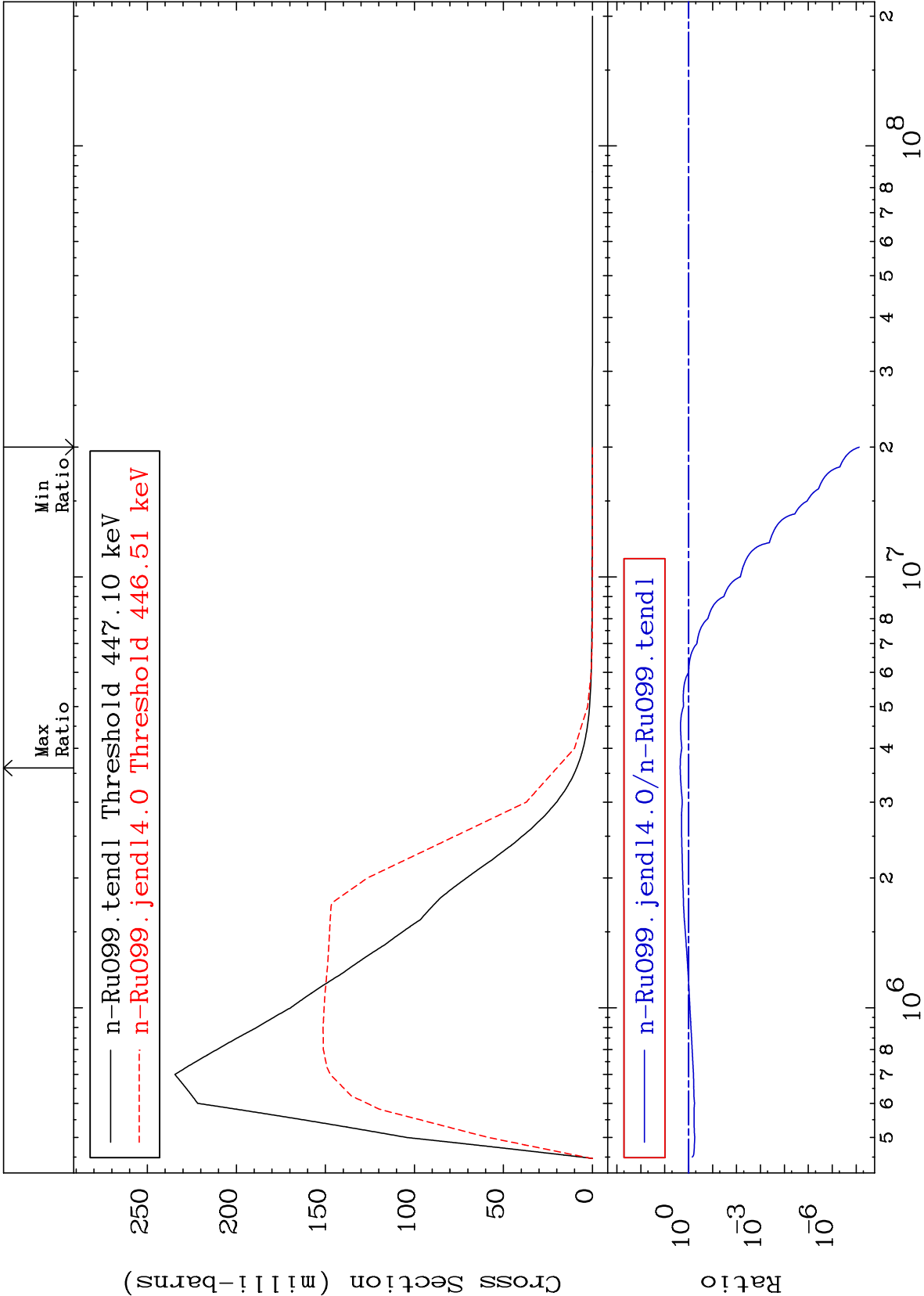
MAT 4434

MT= 54 (n,n') Level

44-Ru-99

-100.0 To 126.6 %

Cross Section



12

Incident Energy (eV)

44-Ru-99

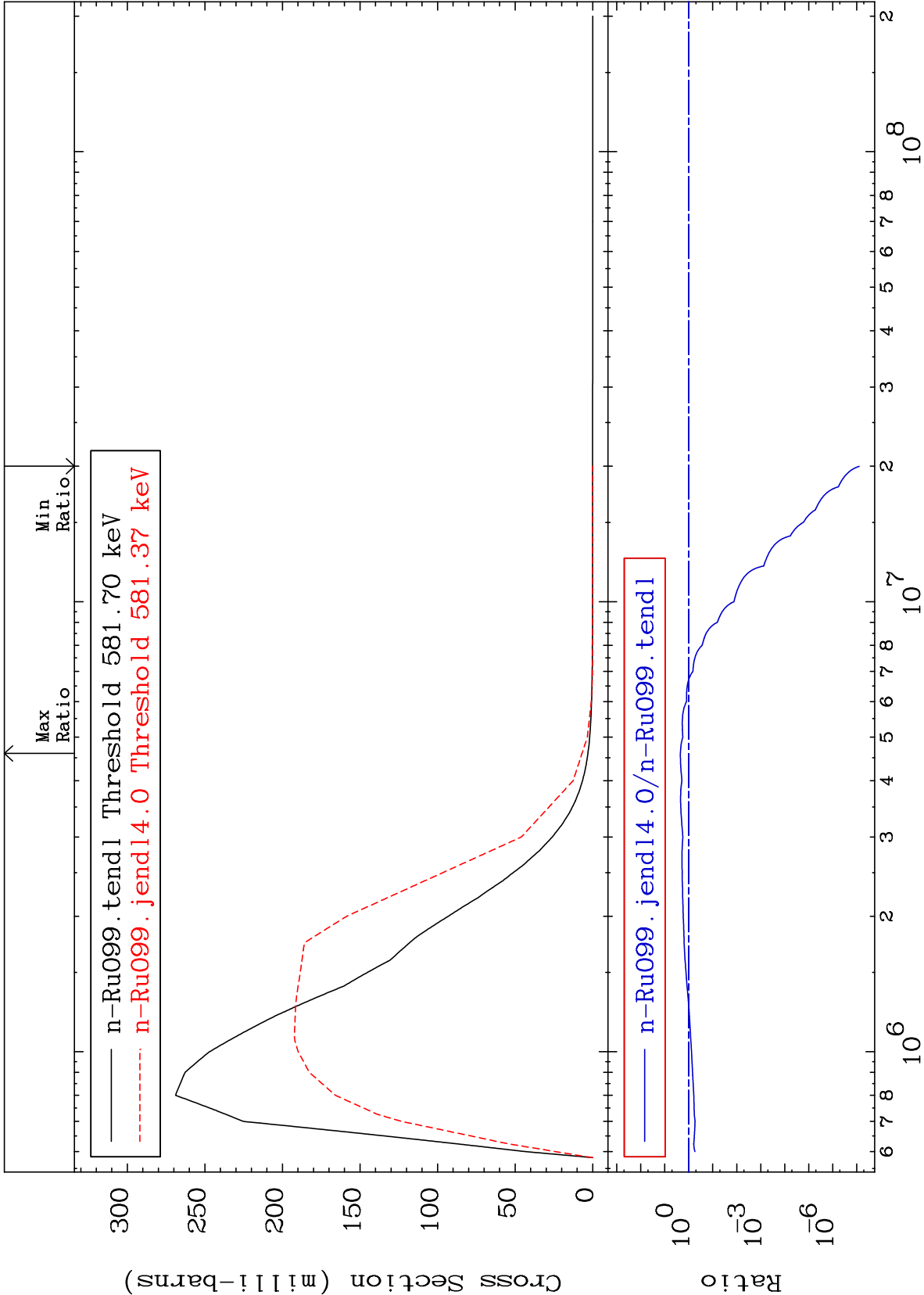
MAT 4434

MT= 55 (n,n') Level

44-Ru-99

-100.0 To 123.9 %

Cross Section



13

Incident Energy (eV)

44-Ru-99

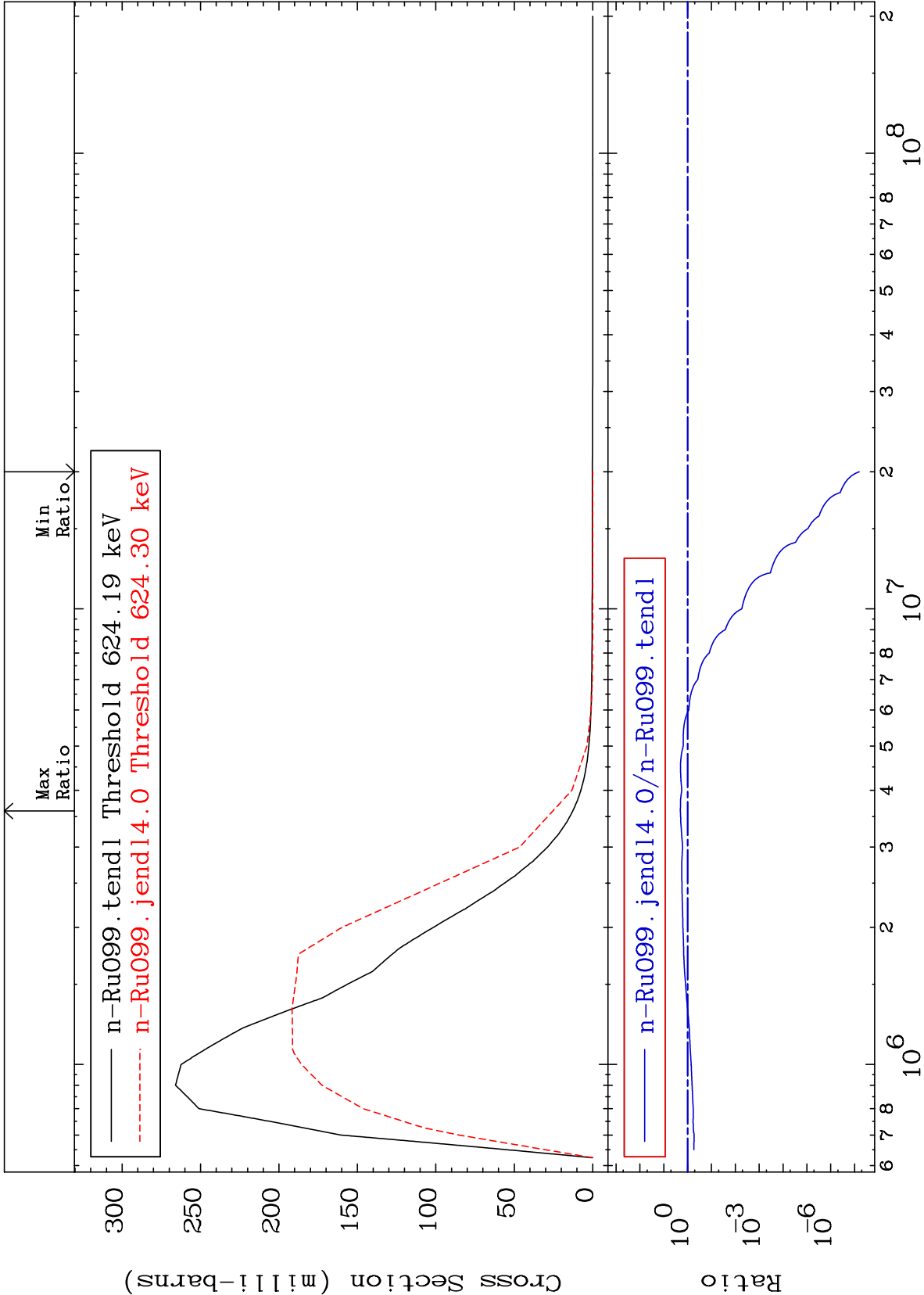
MAT 4434

MT= 56 (n,n') Level

44-Ru-99

-100.0 To 101.1 %

Cross Section



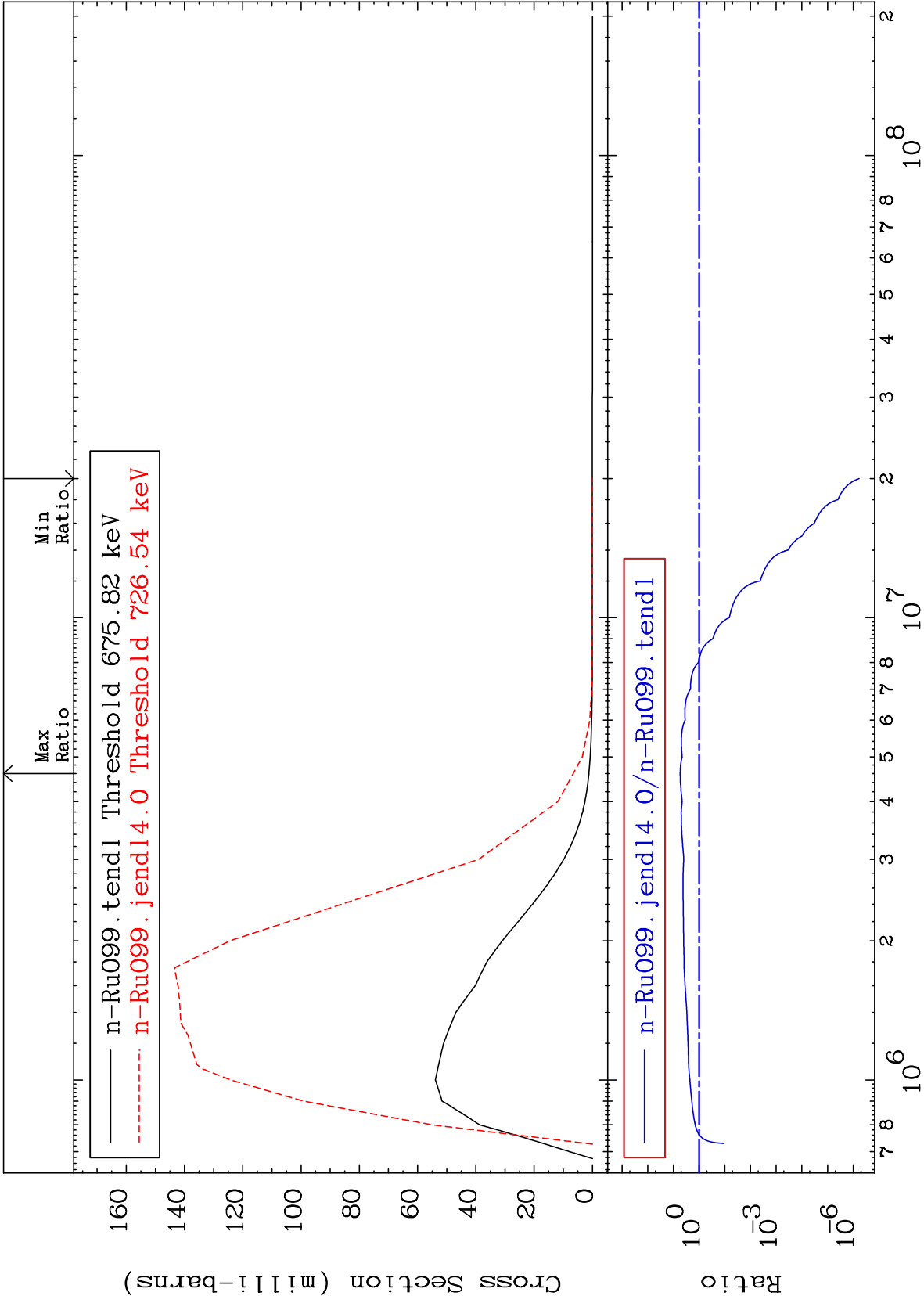
MAT 4434

MT= 57 (n,n') Level

44-Ru-99

-100.0 To 447.6 %

Cross Section



15

Incident Energy (eV)

44-Ru-99

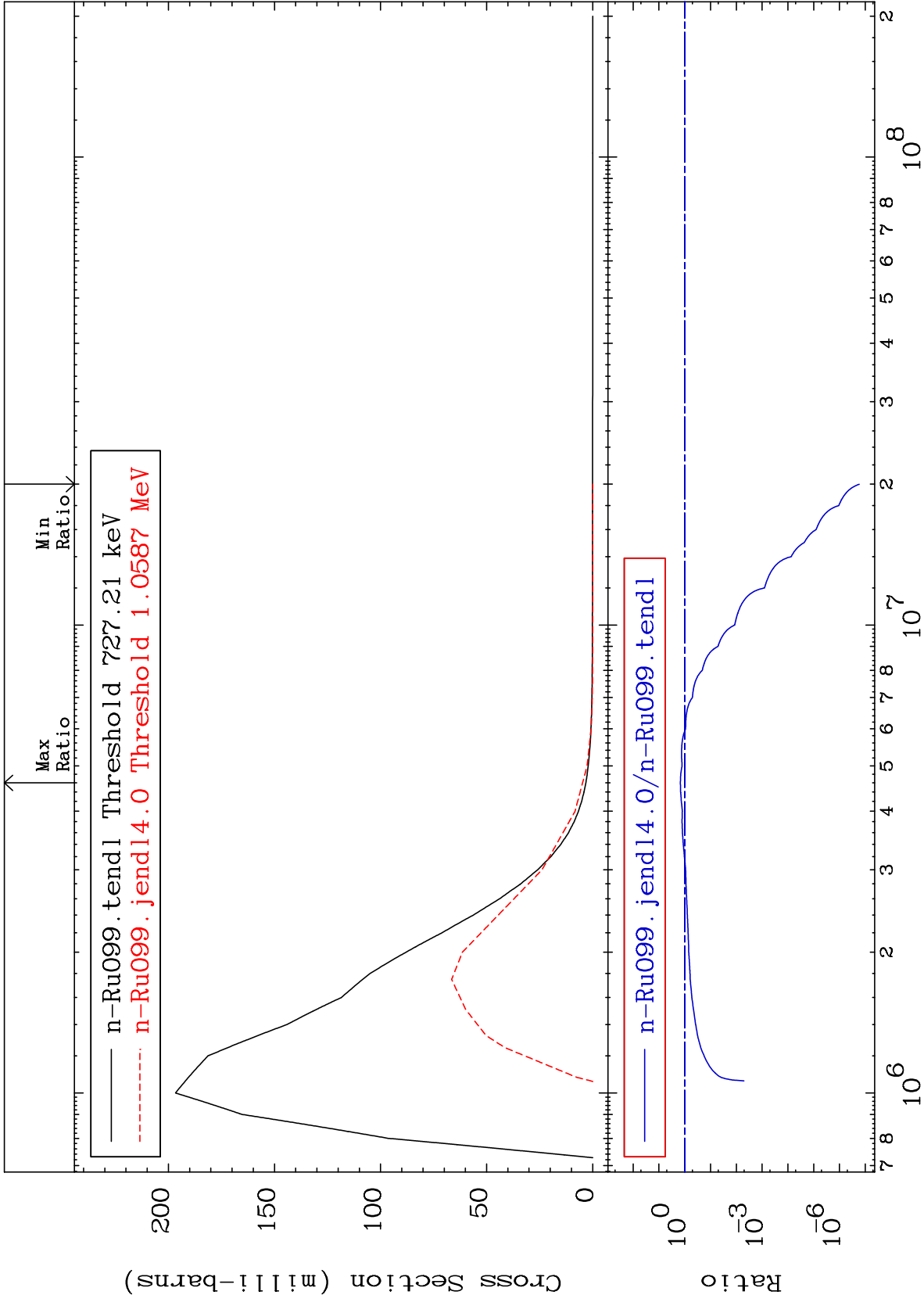
MAT 4434

MT= 58 (n,n') Level

44-Ru-99

-100.0 To 47.33 %

Cross Section



16

Incident Energy (eV)

44-Ru-99

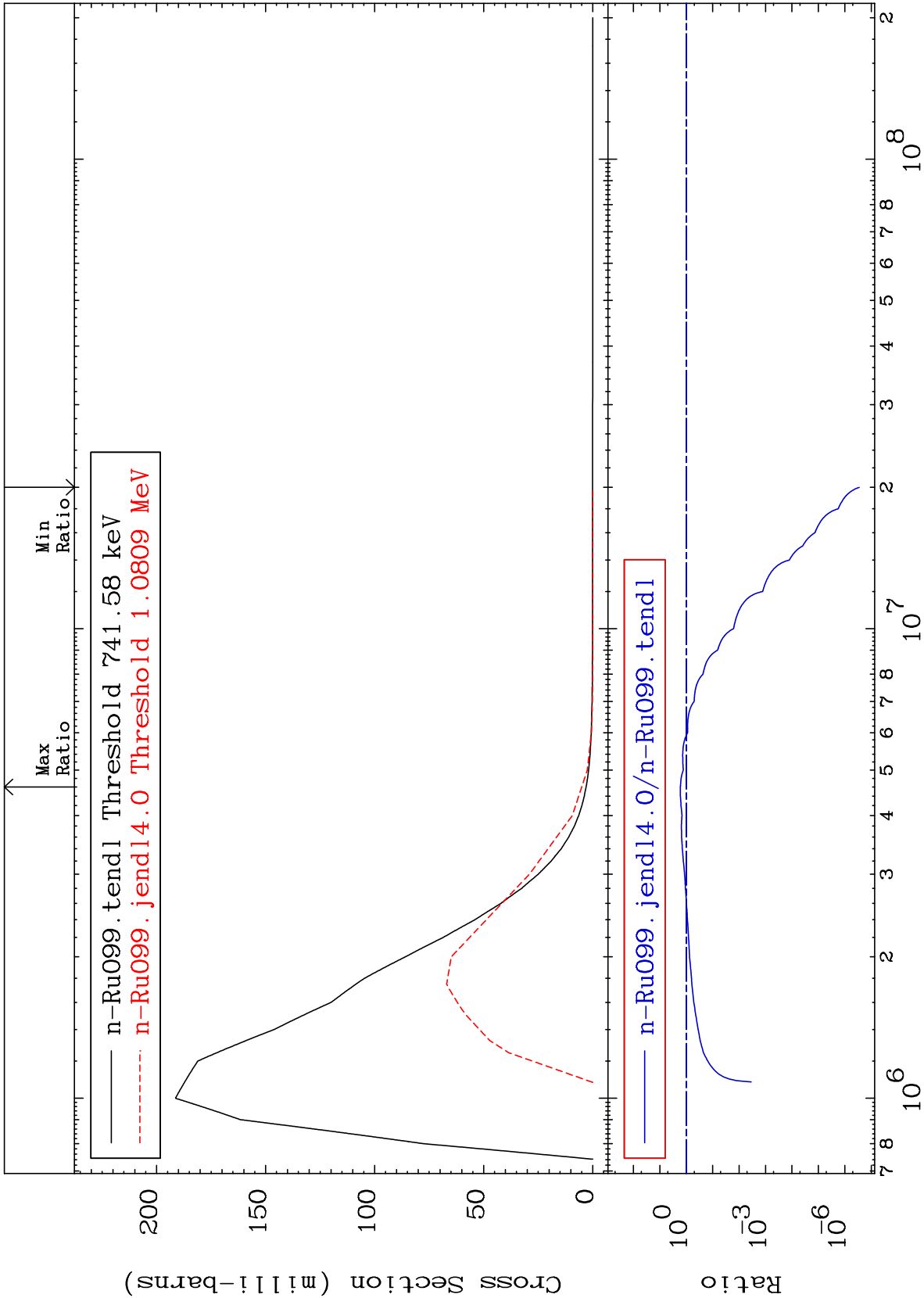
MAT 4434

MT= 59 (n,n') Level

44-Ru-99

-100.0 To 67.34 %

Cross Section



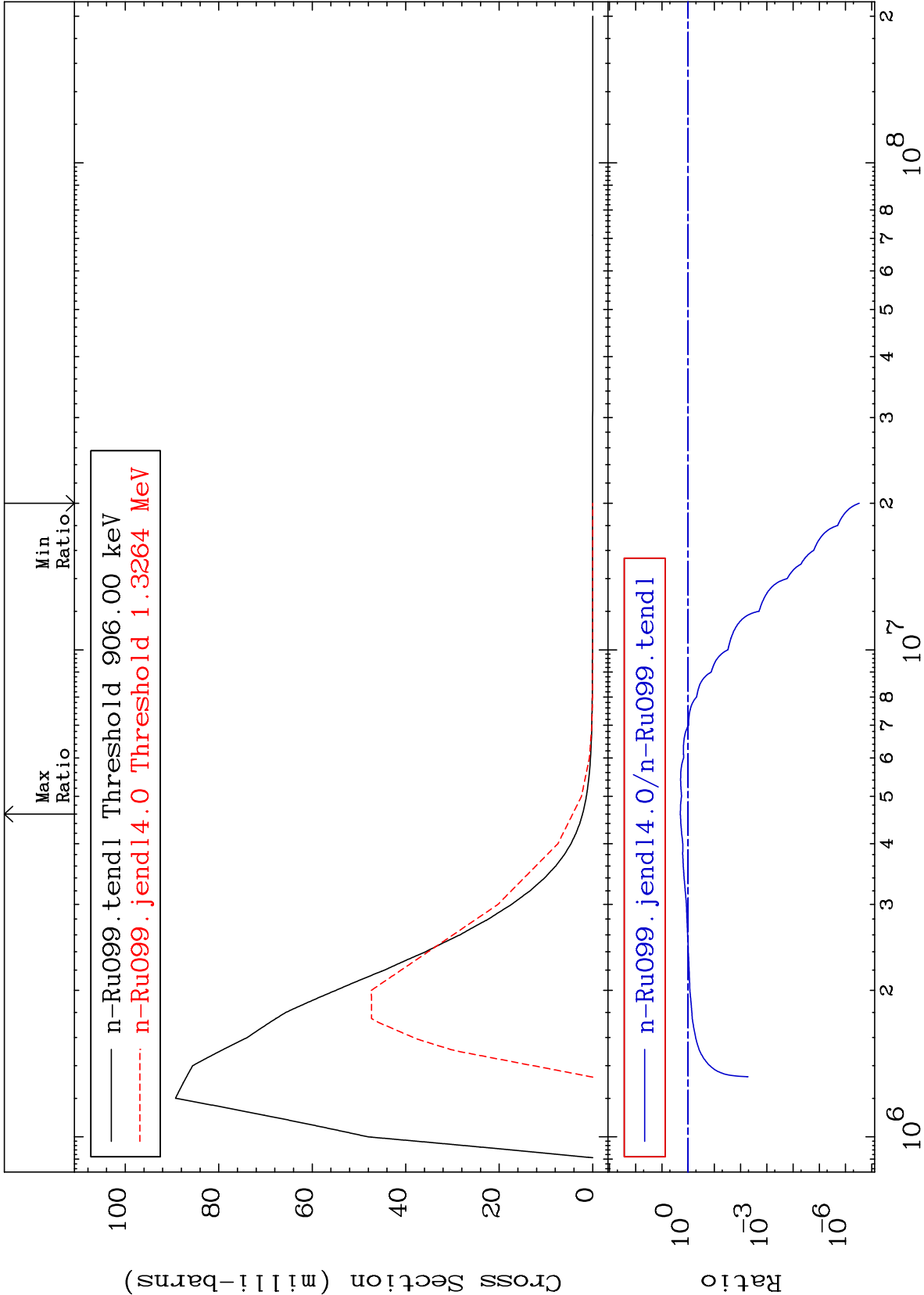
MAT 4434

MT= 60 (n,n') Level

44-Ru-99

-100.0 To 97.82 %

Cross Section



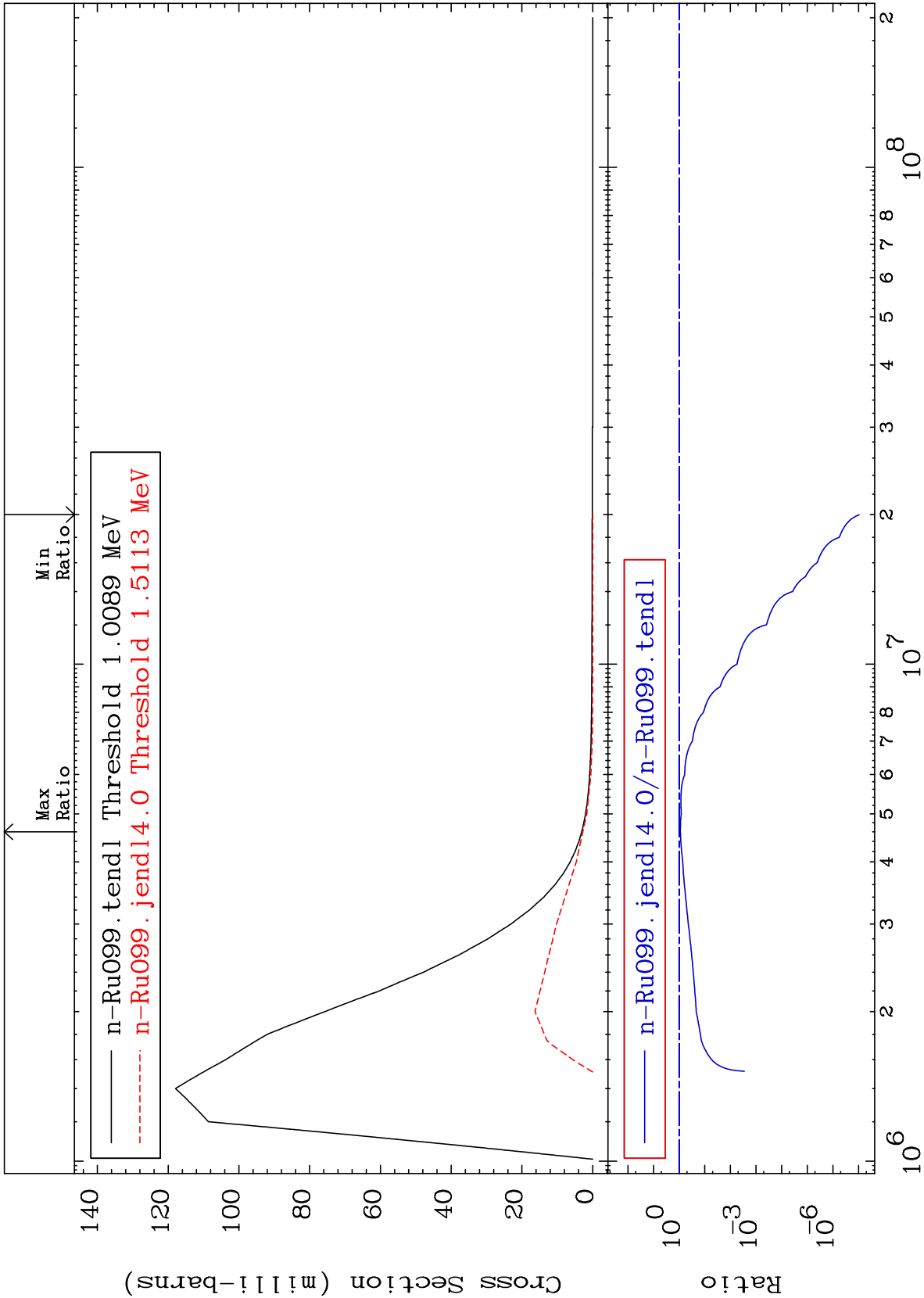
MAT 4434

MT= 61 (n,n') Level

44-Ru-99

-100.0 To -10.15%

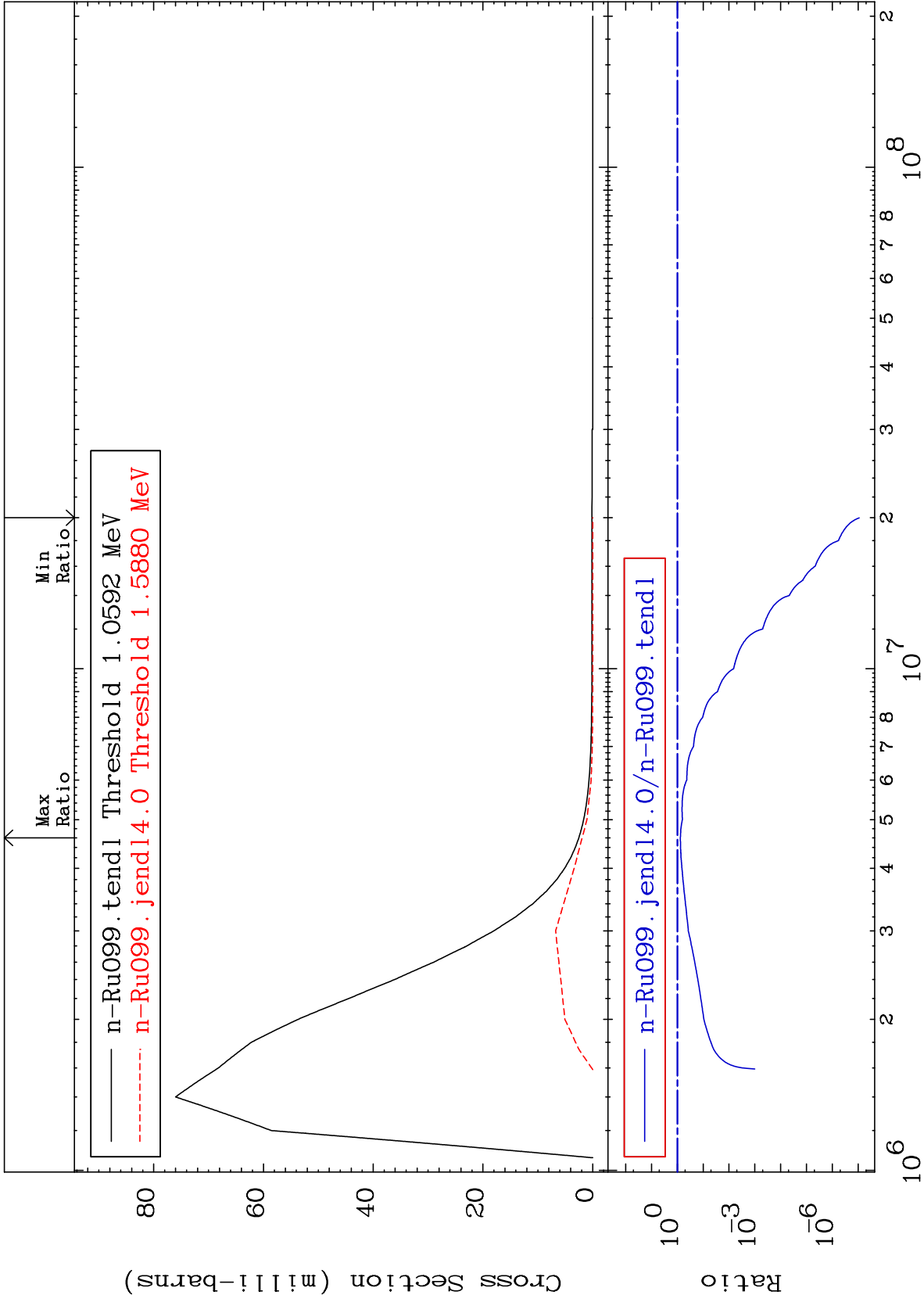
Cross Section



MAT 4434

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

44-Ru-99
-100.0 To -23.81%



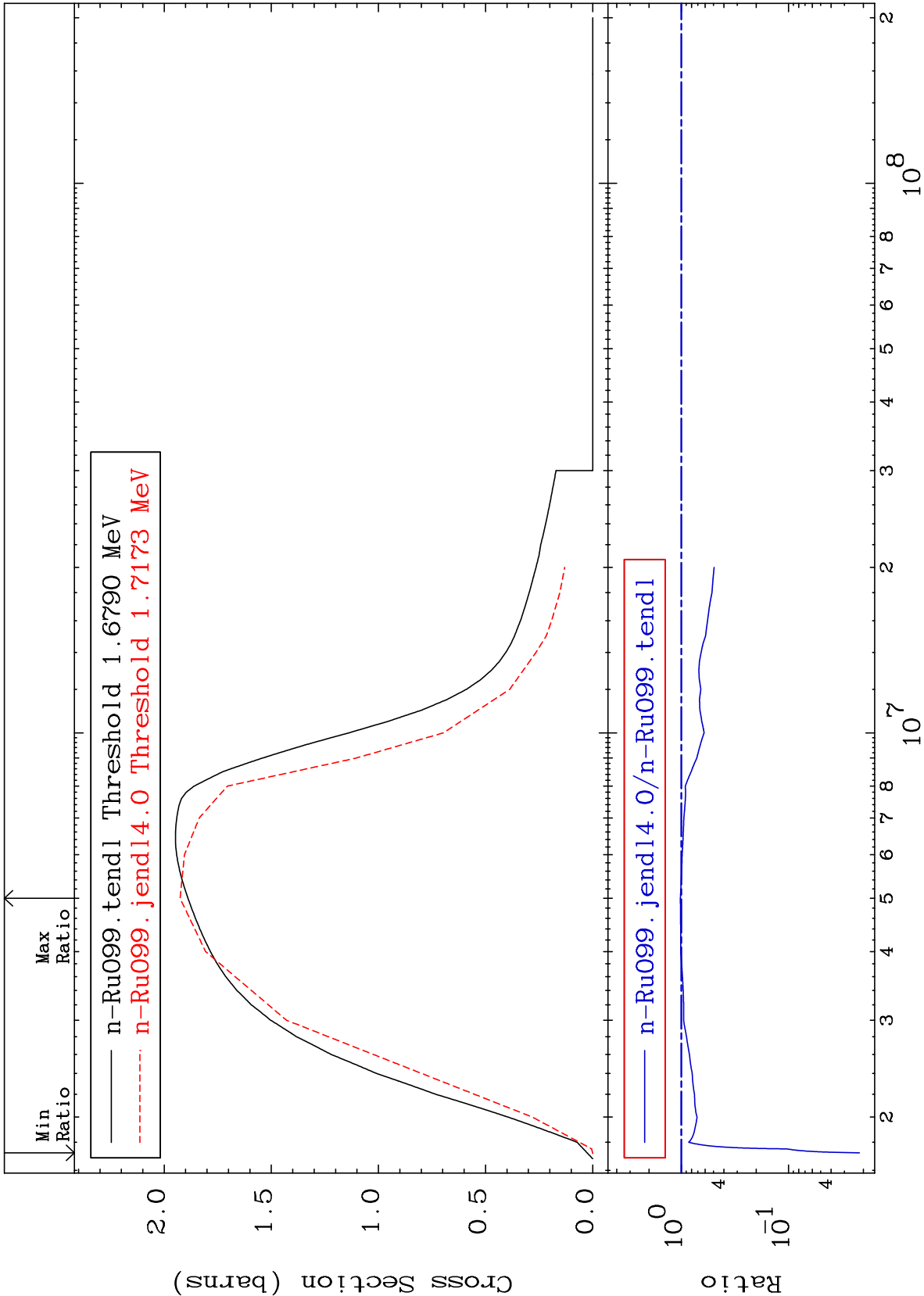
Incident Energy (eV)

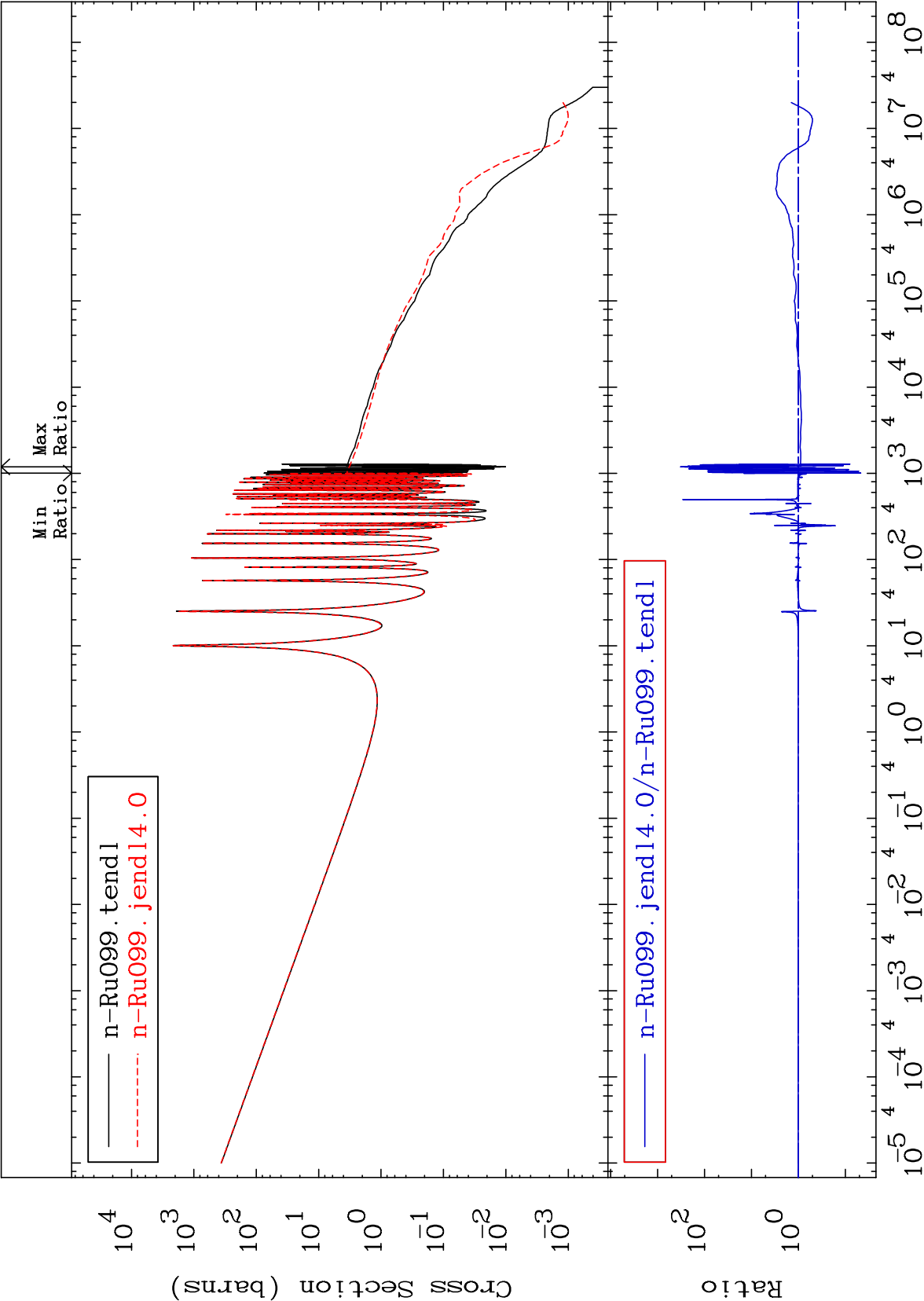
44-Ru-99

MAT 4434

(n,n') Continuum
Cross Section

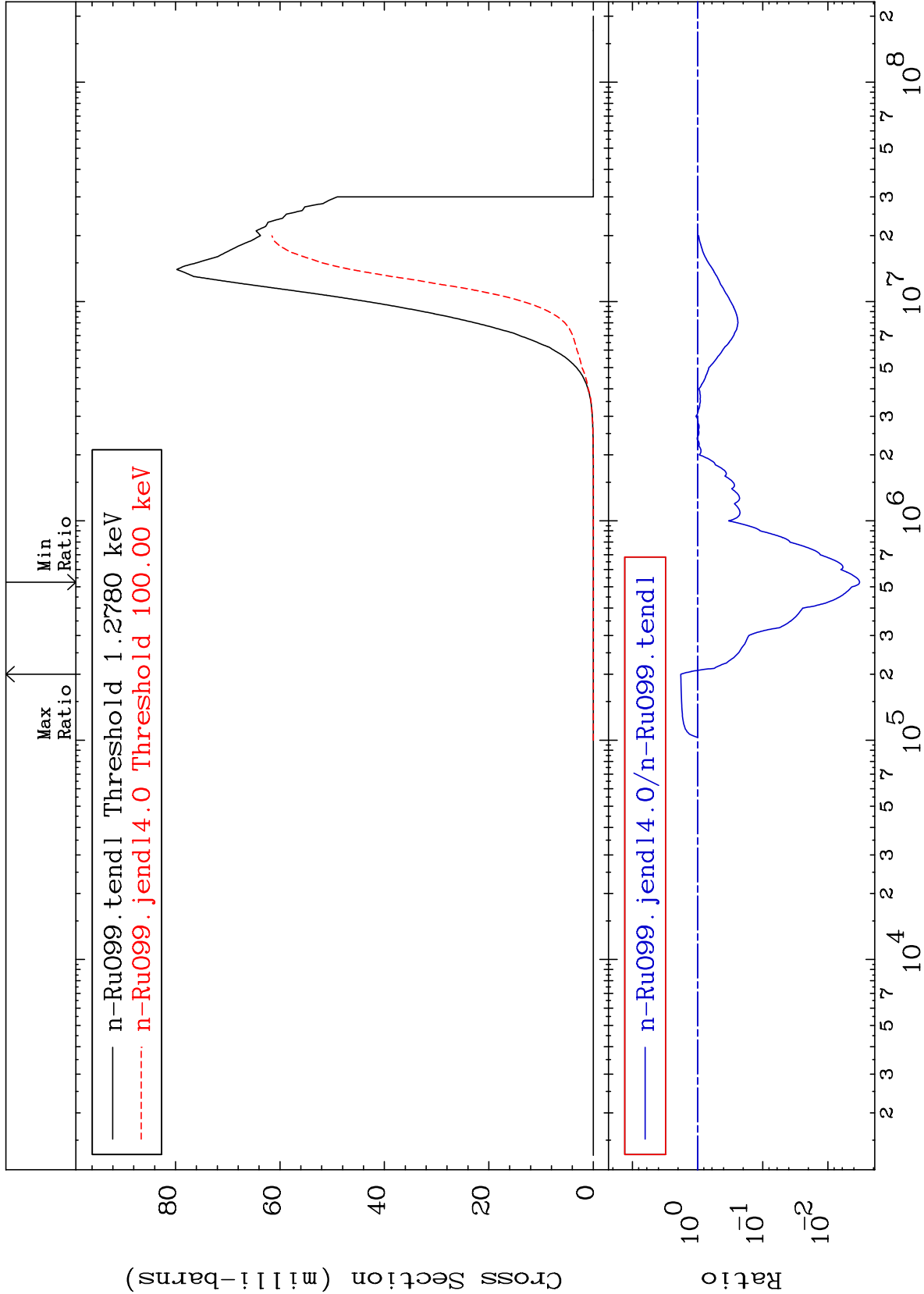
44-Ru-99
-97.82 To 1.943 %





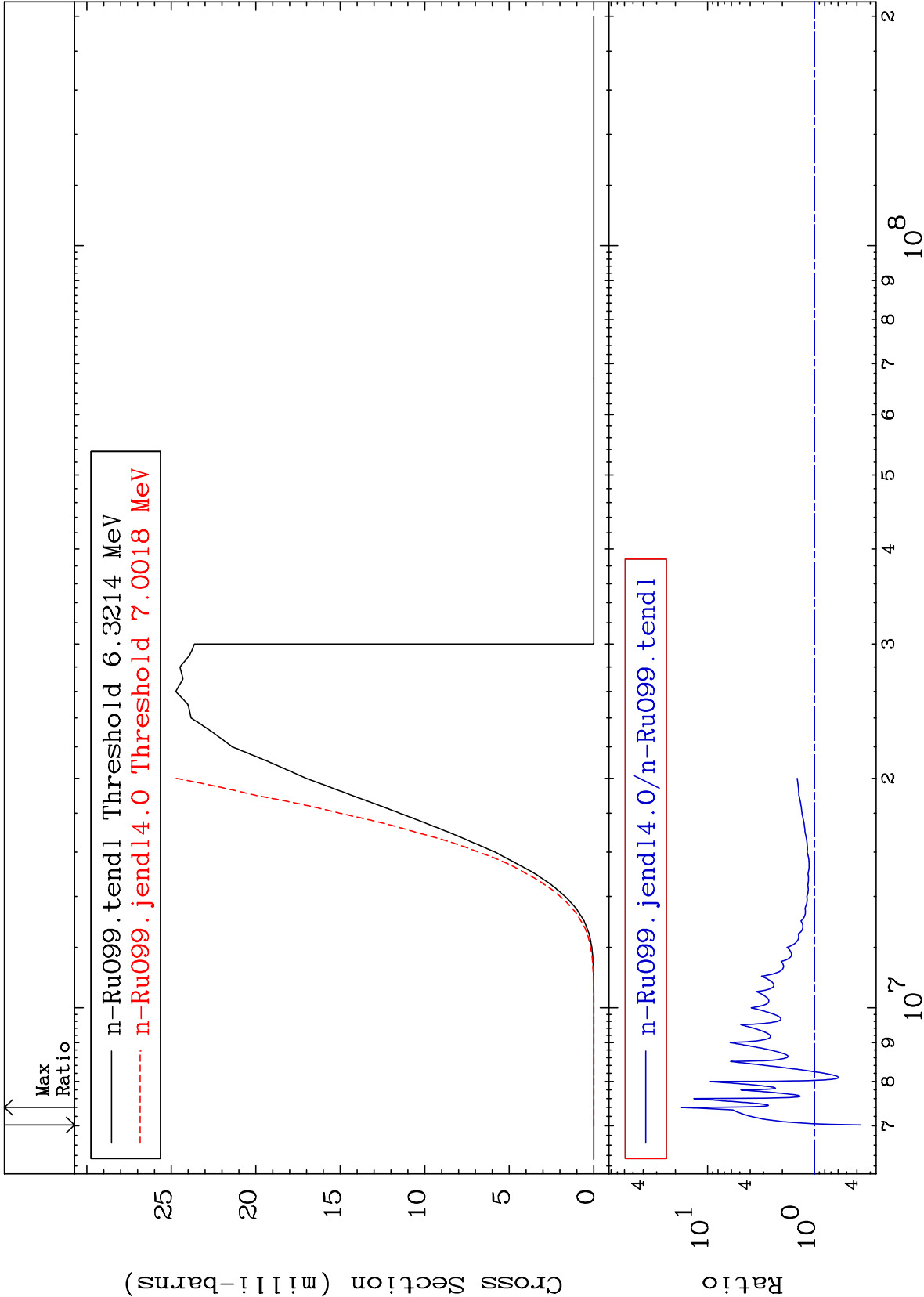
(n,p)
Cross Section

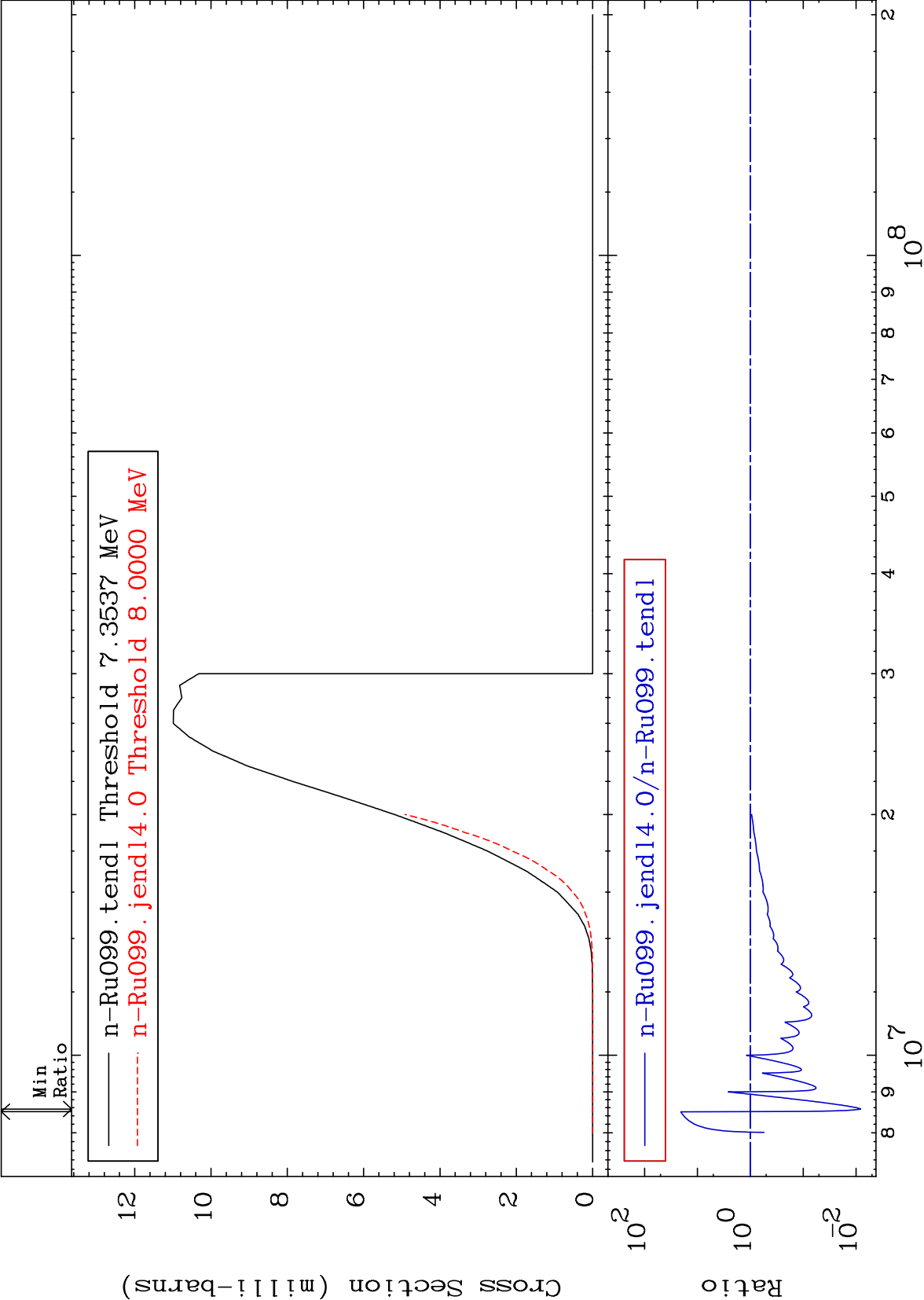
-99.67 To 81.15 %



Cross Section

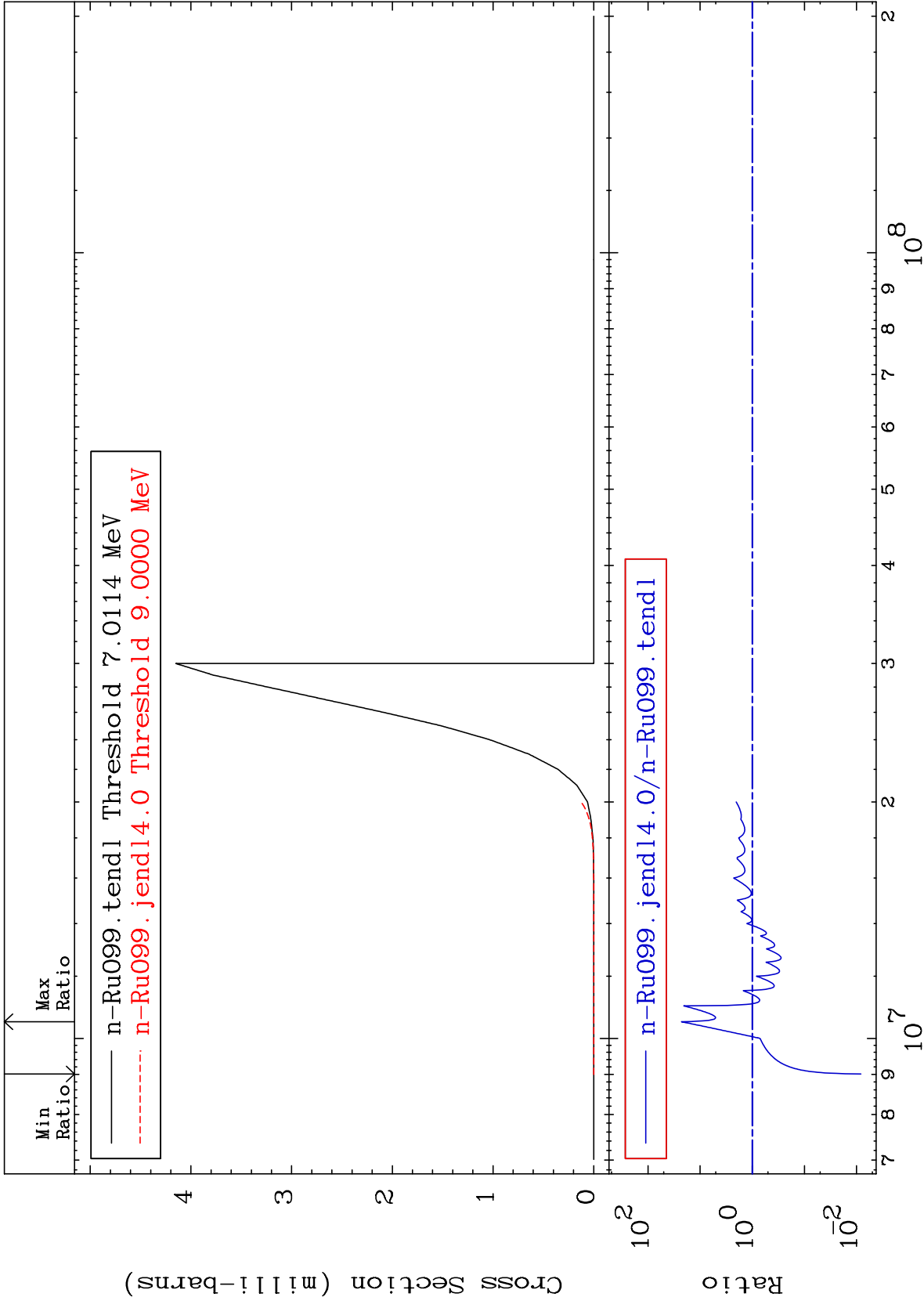
-63.22 To 1656. %





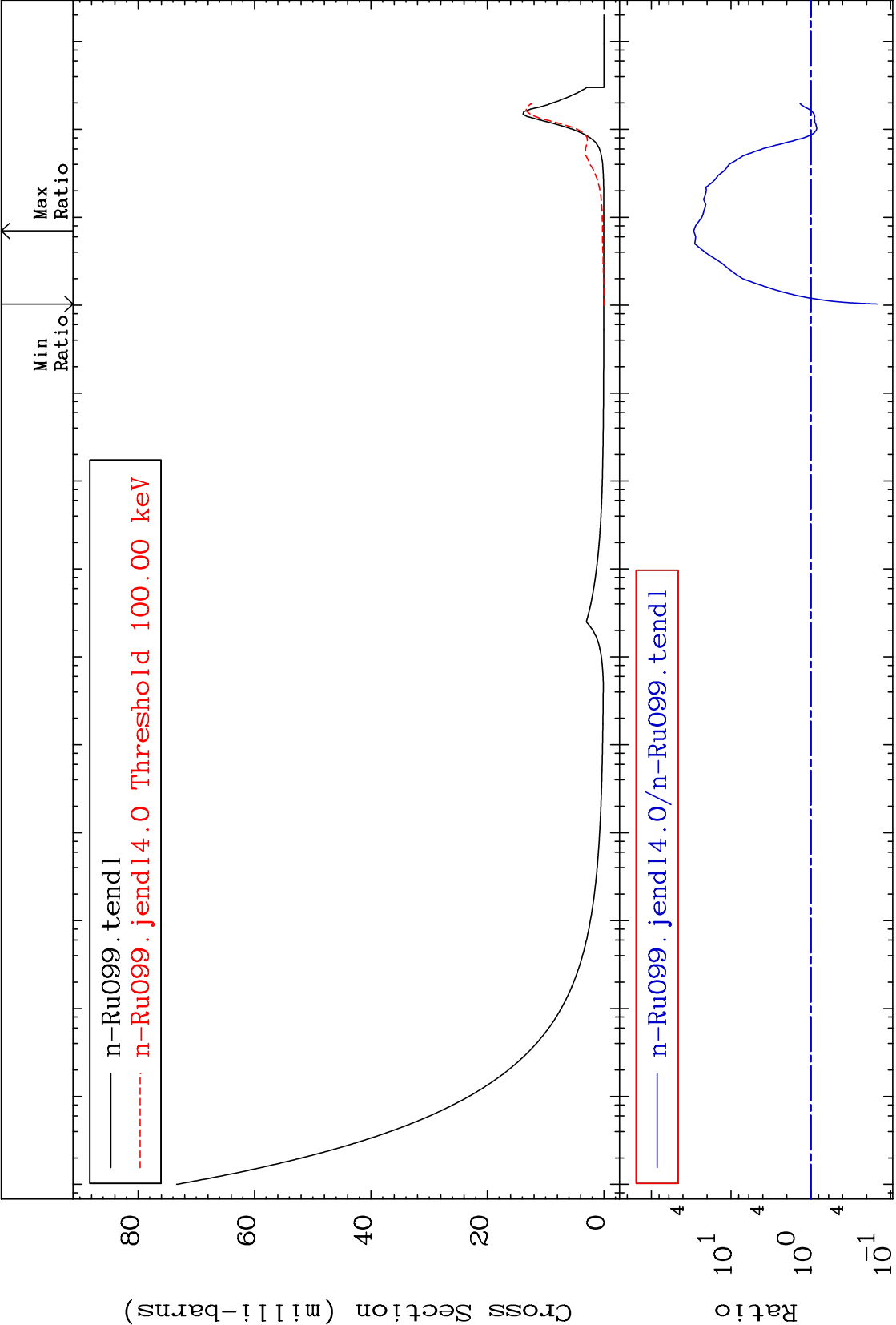
Cross Section

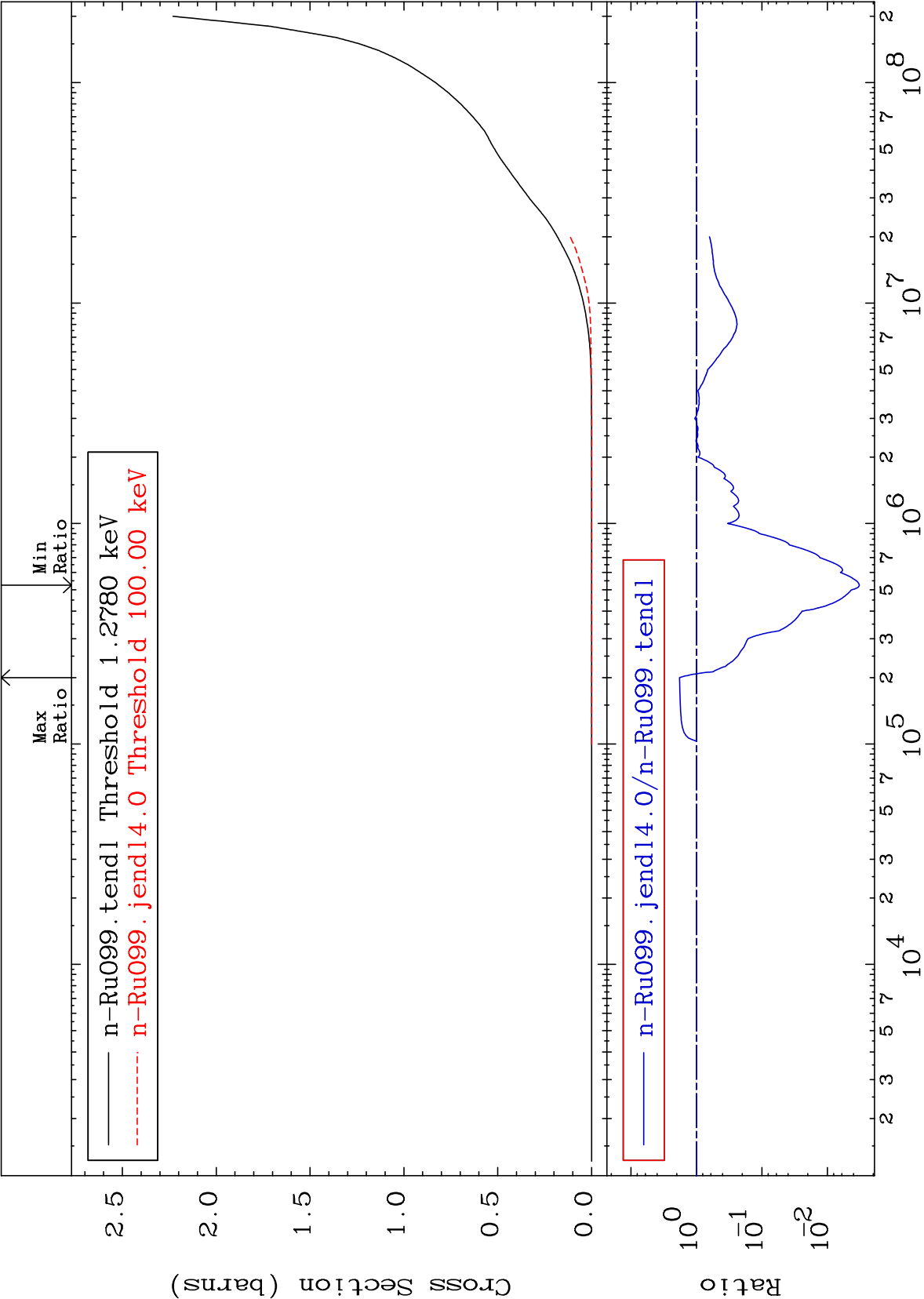
-99.17 To 2174. %

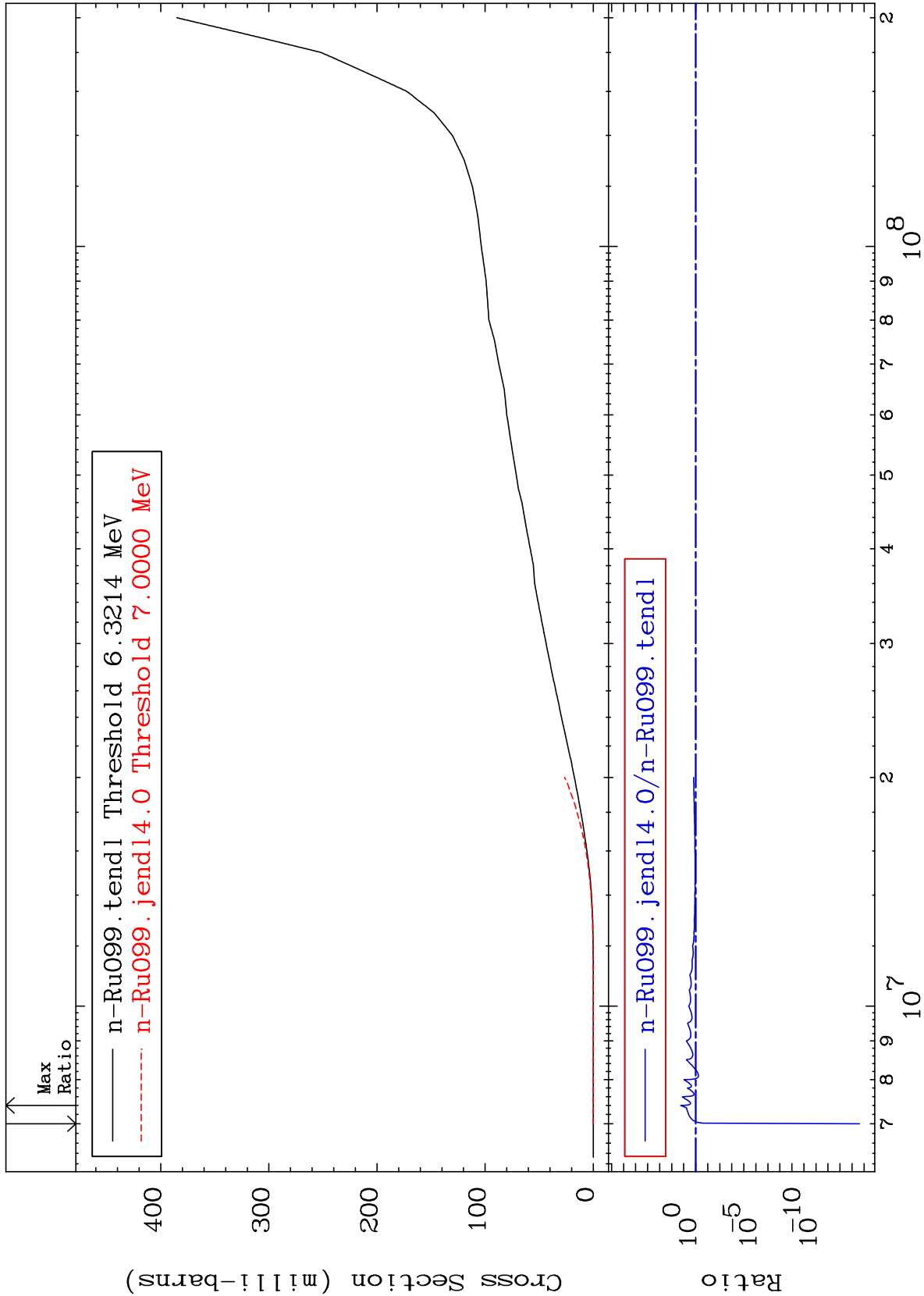


(n, α)
Cross Section

-85.24 To 2839. %



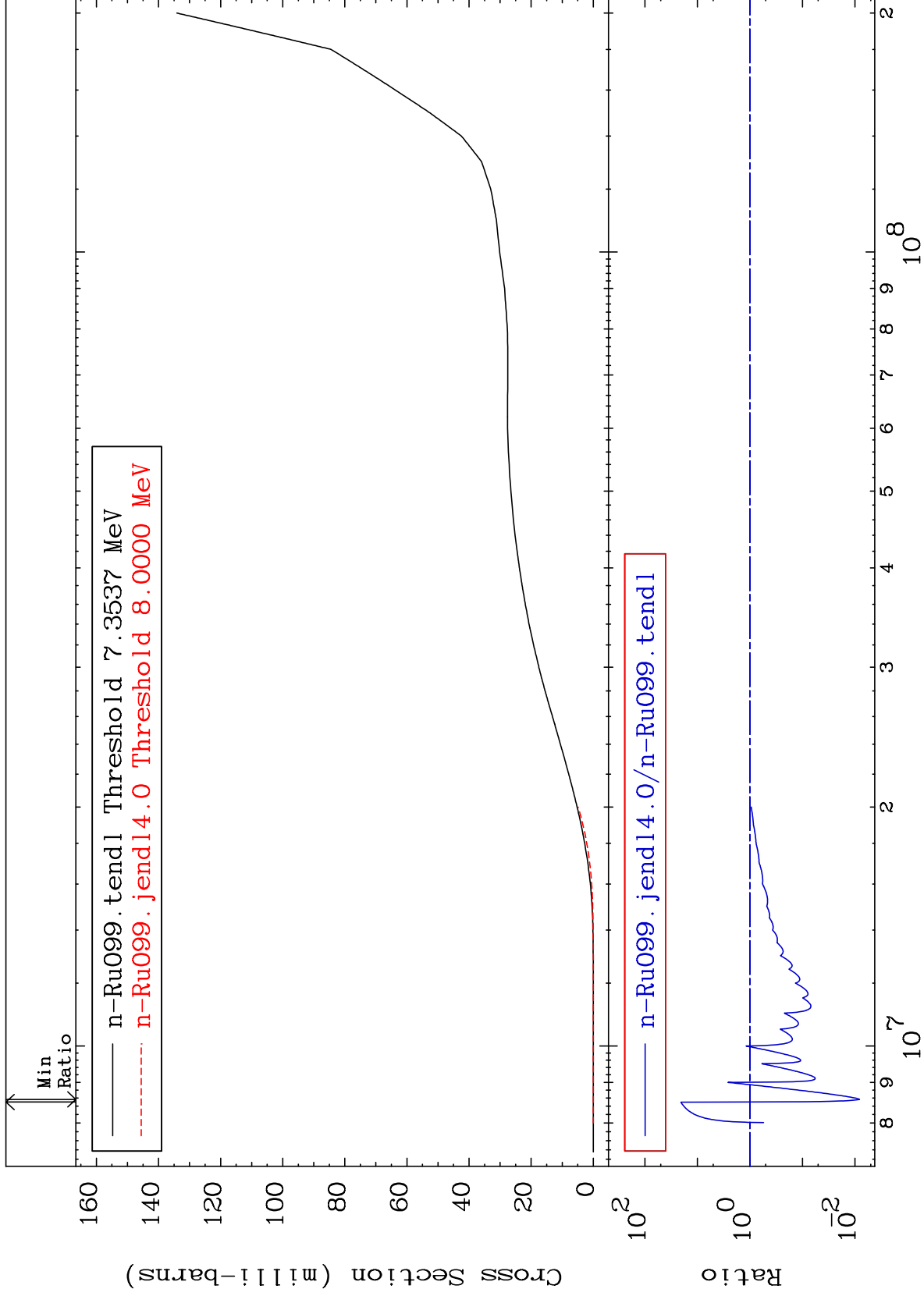


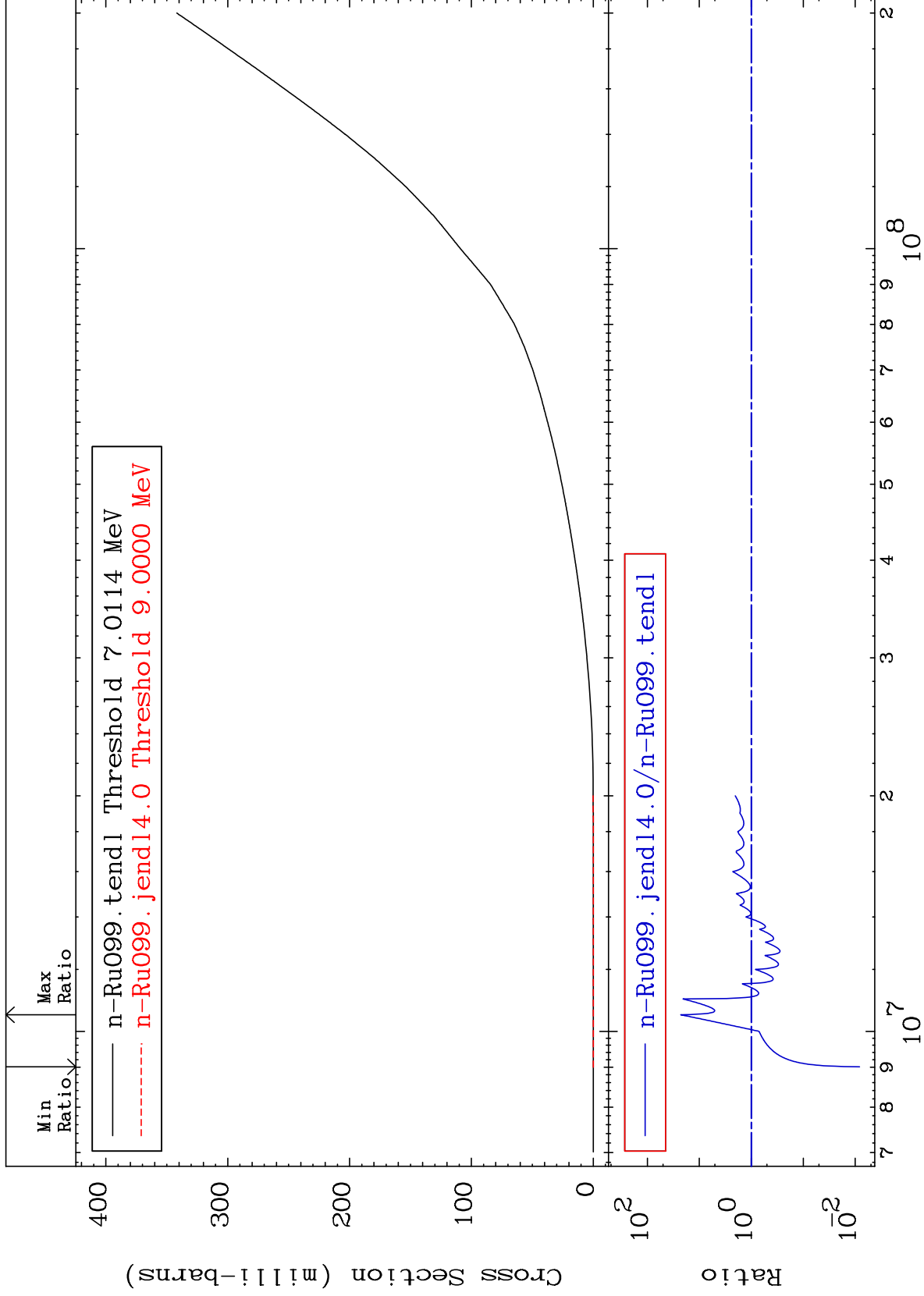


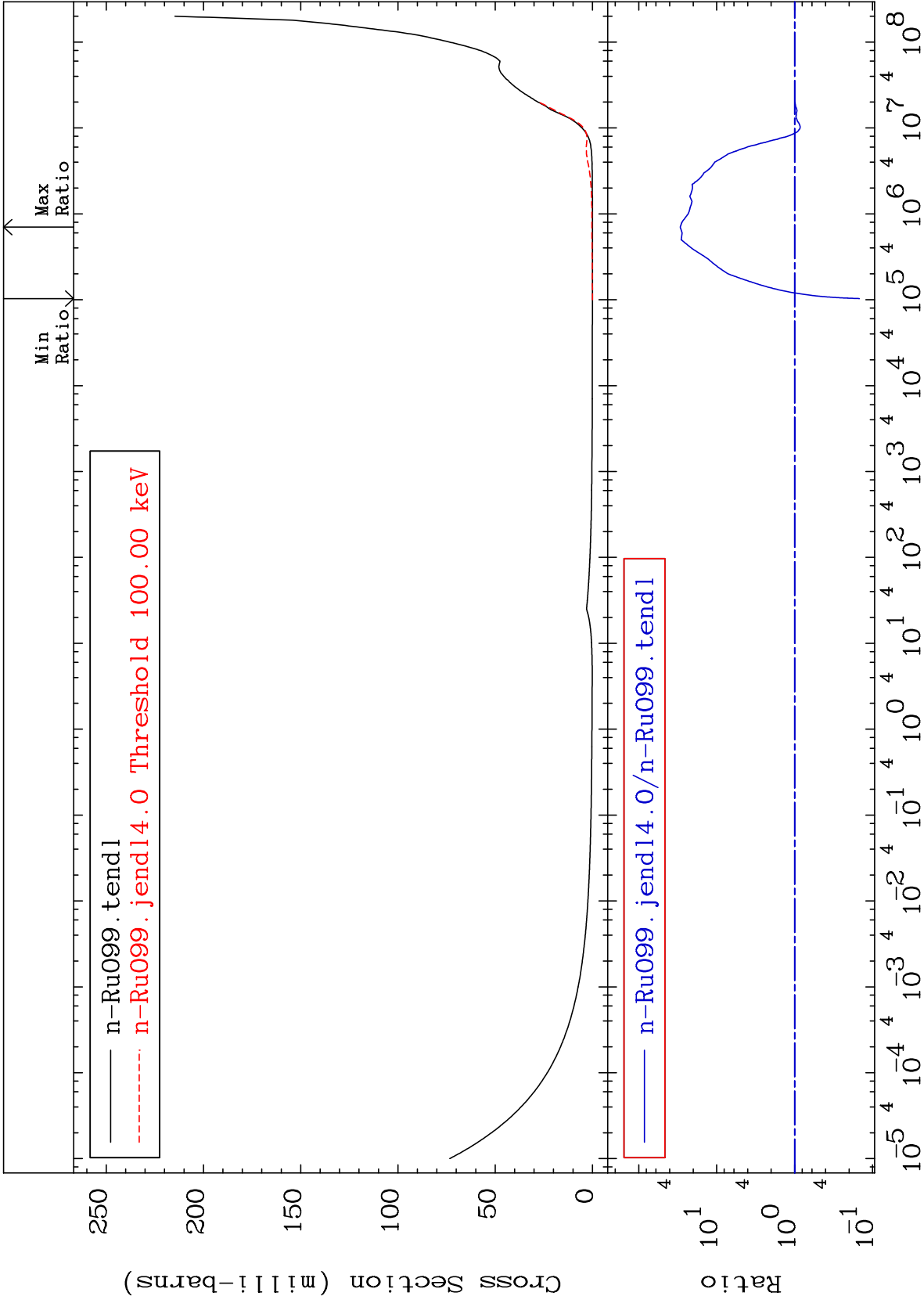
MAT 4434

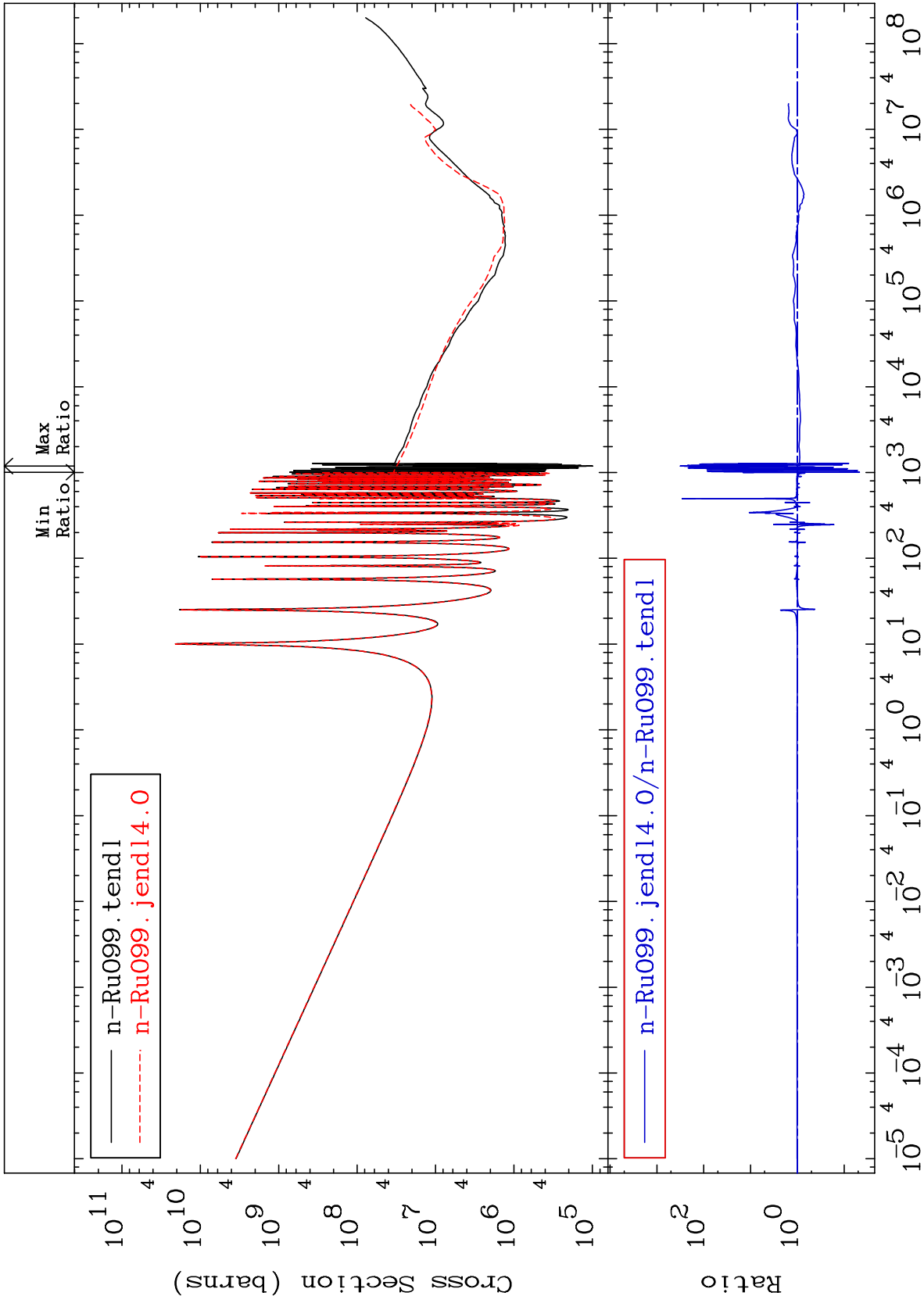
Tritium Production
Cross Section

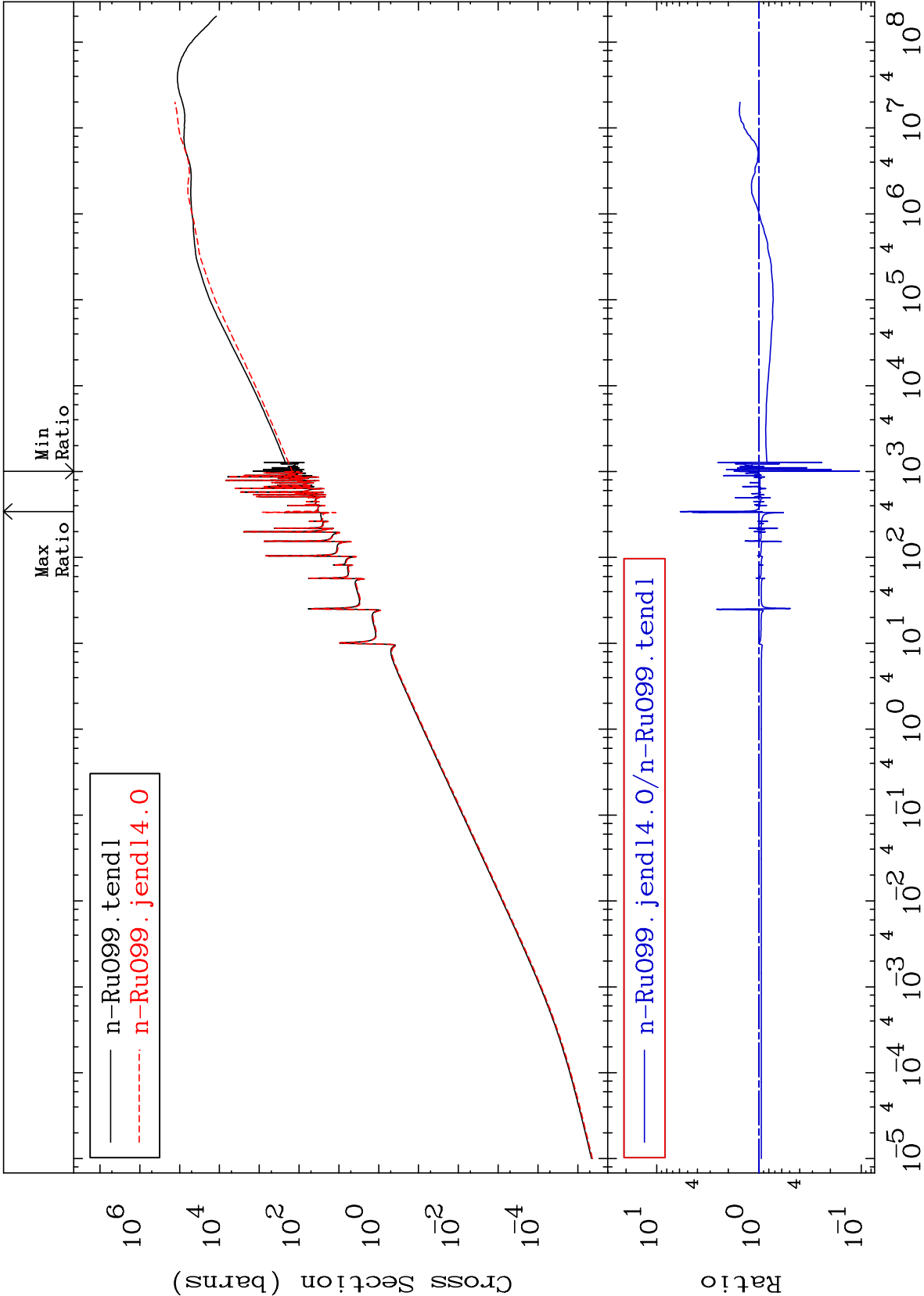
44-Ru-99
-99.18 To 1972. %





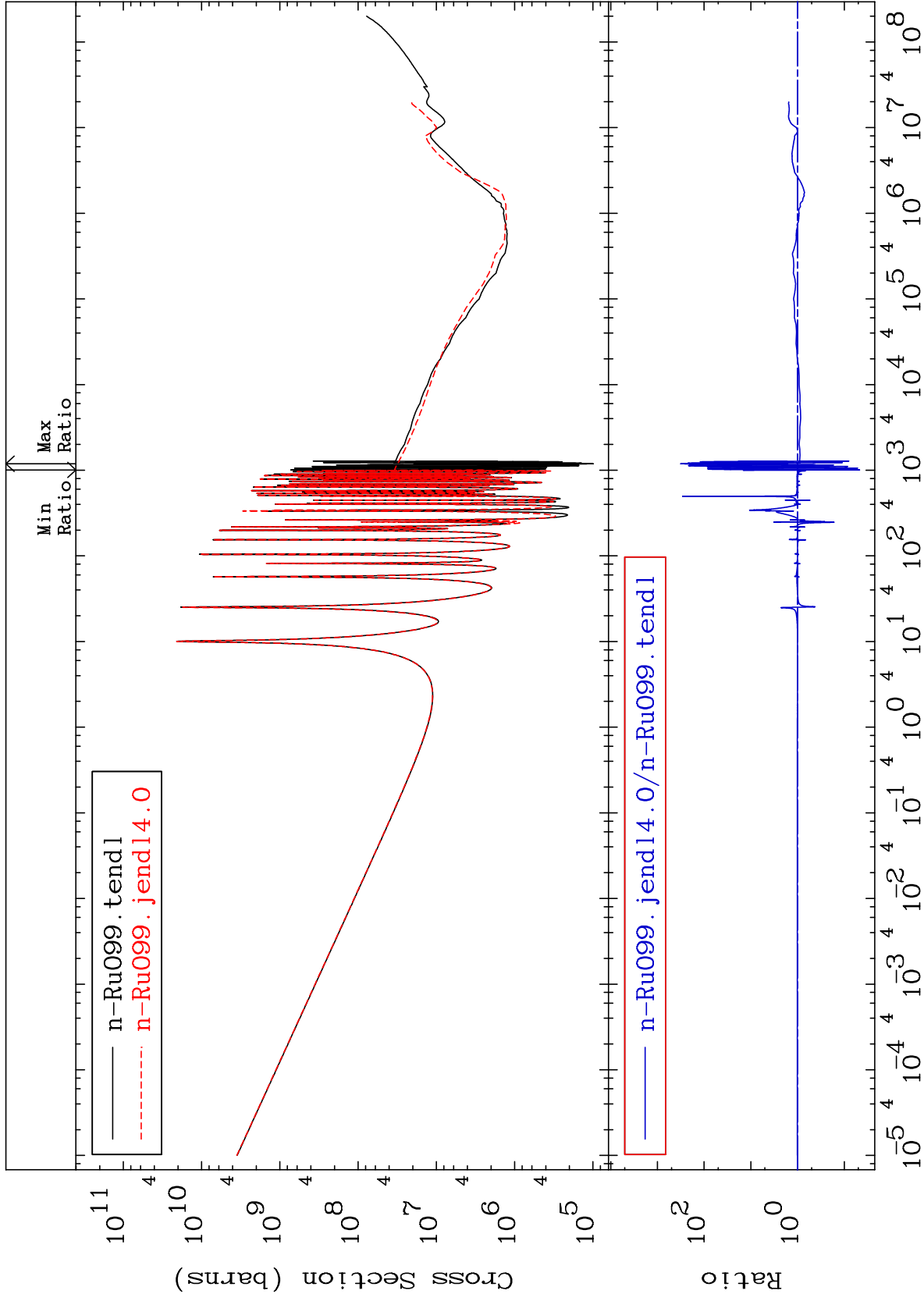






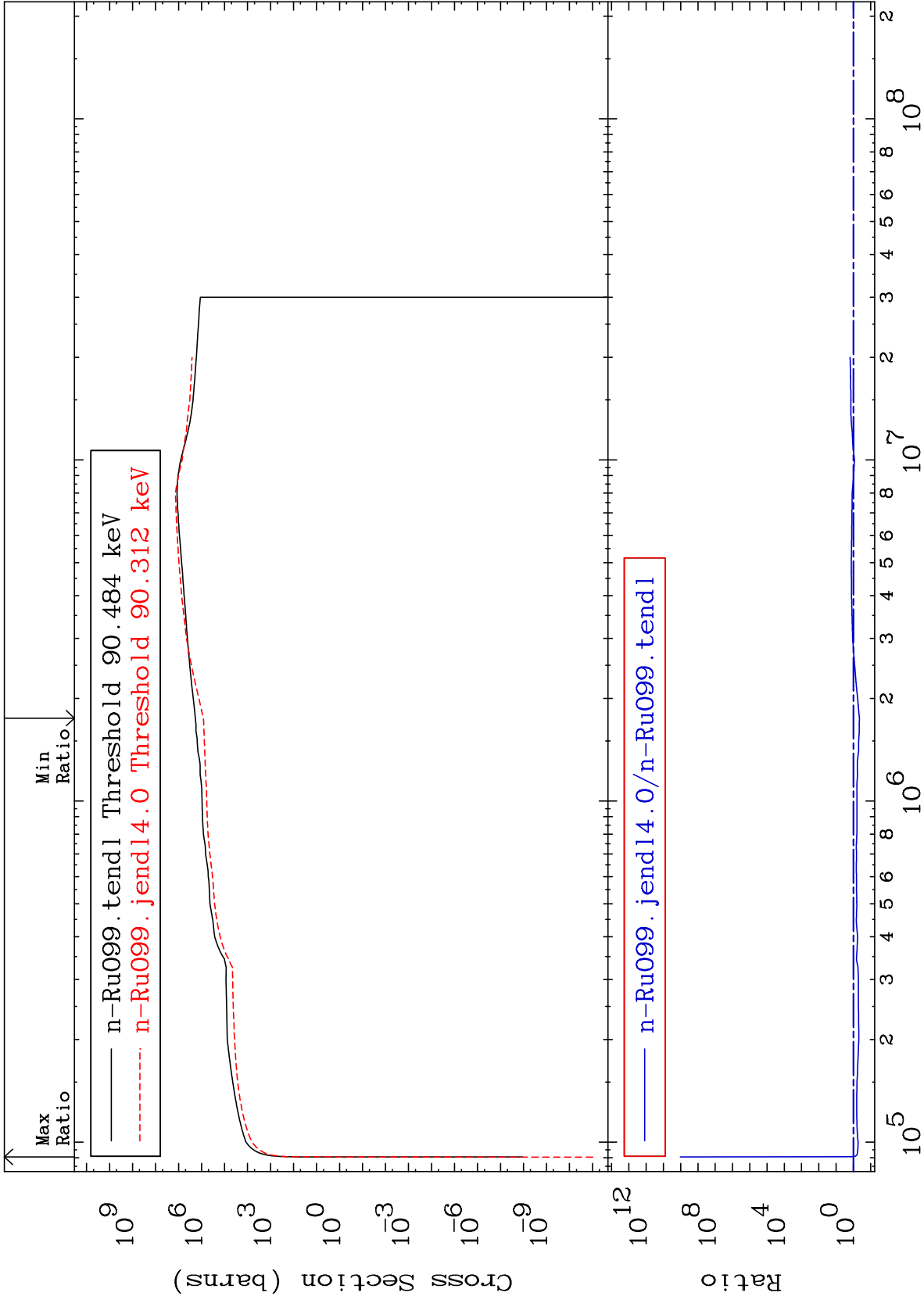
Cross Section

-95.29 To 9999. %



Cross Section

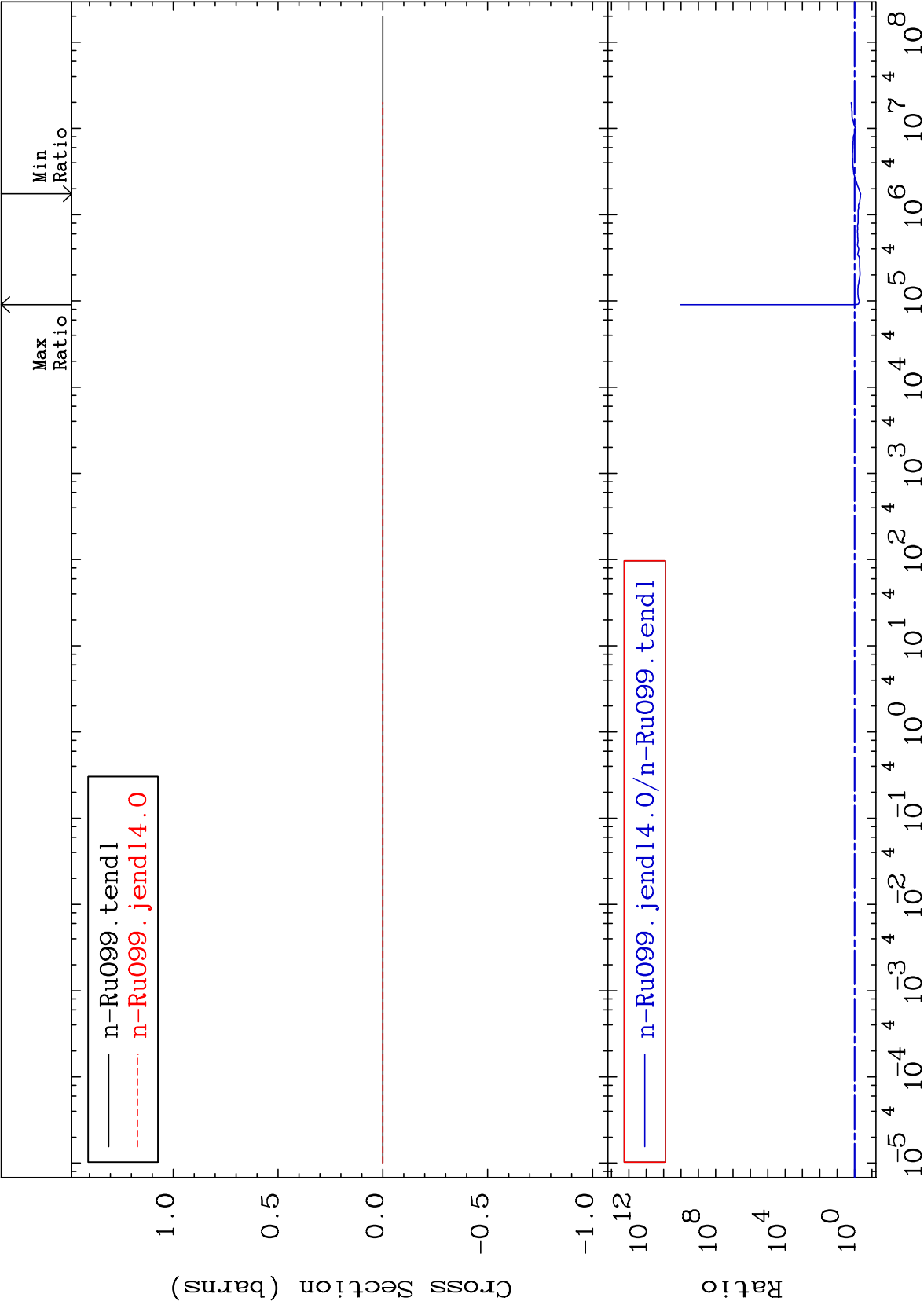
-55.45 To 9999. %

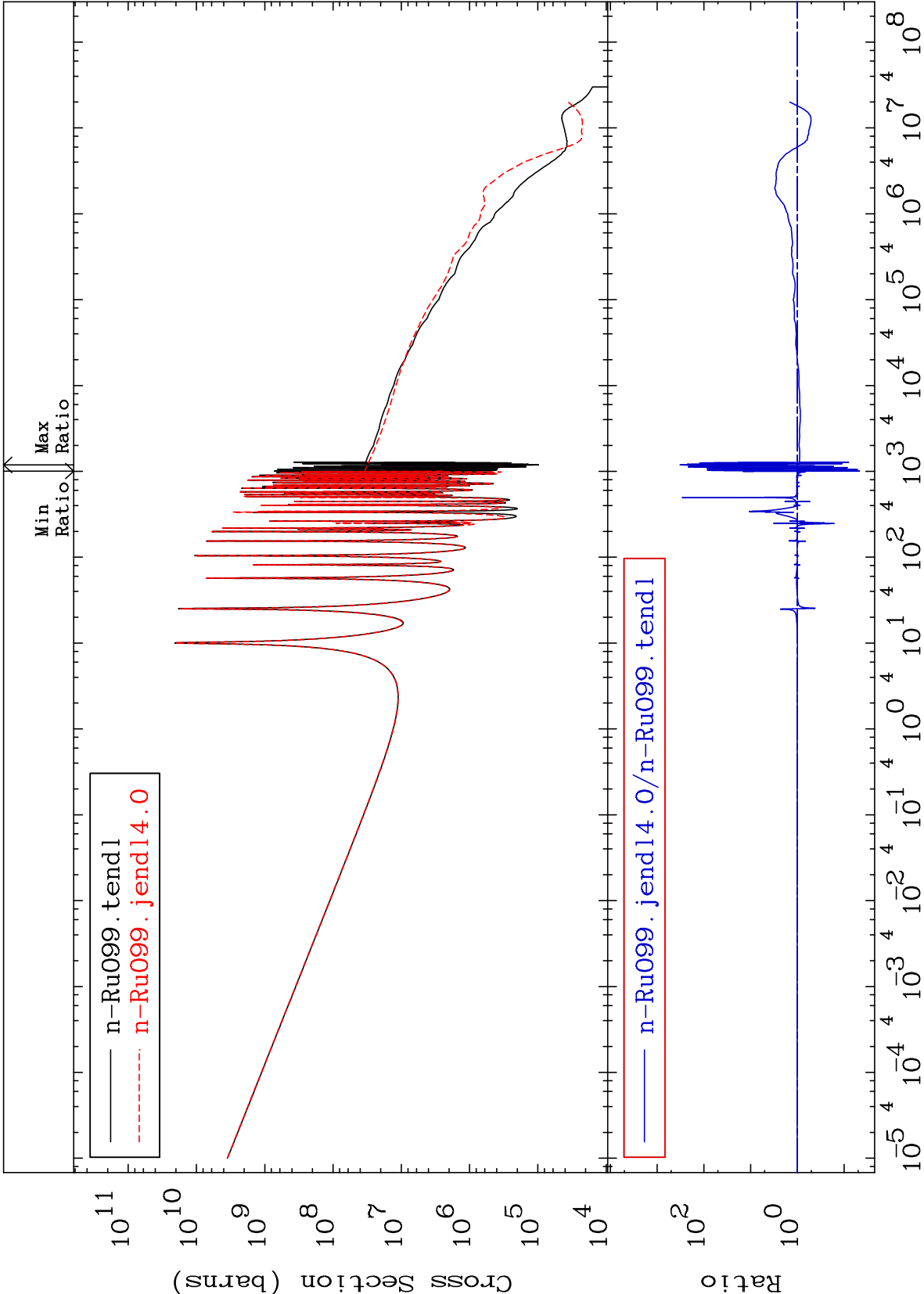


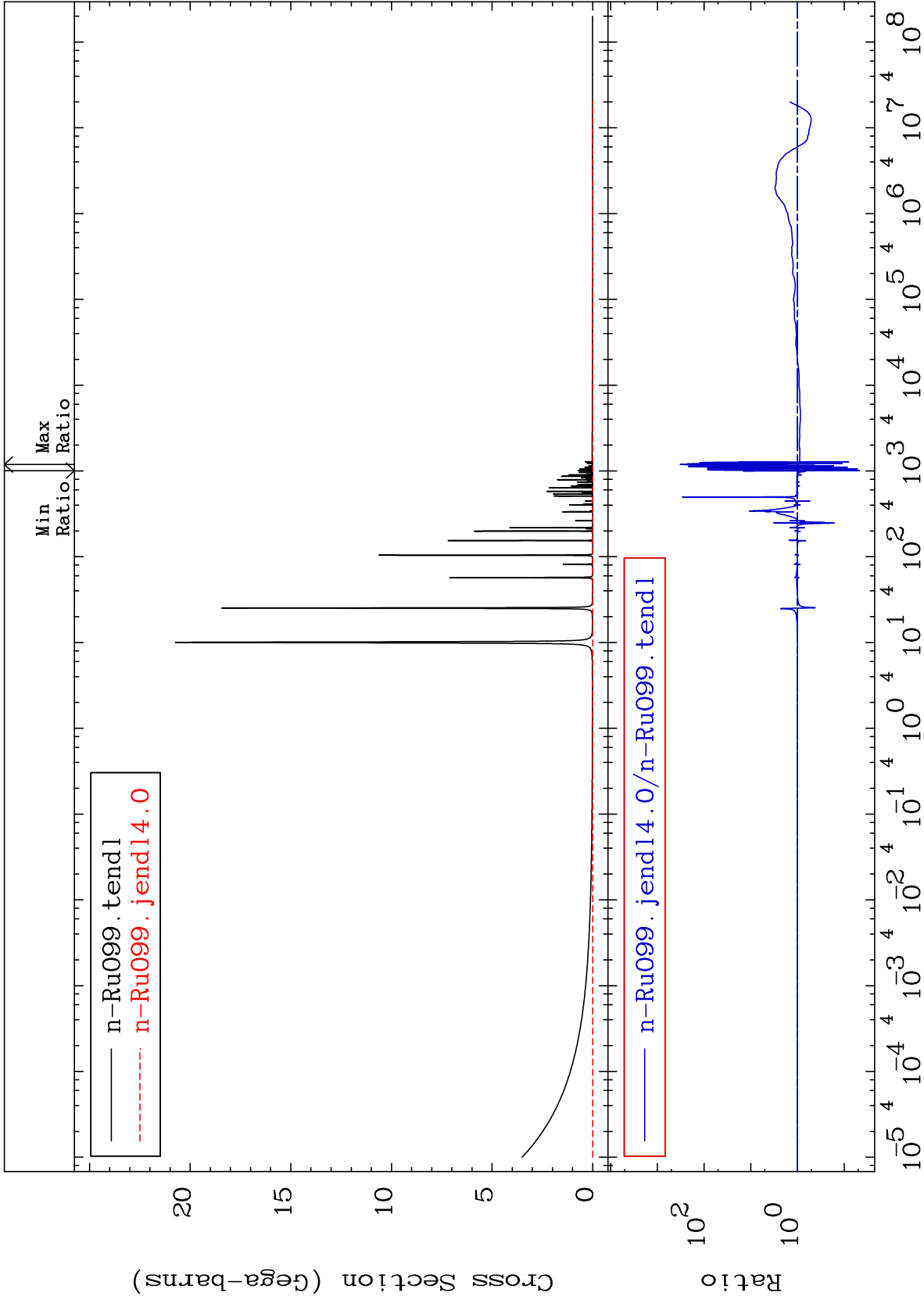
MAT 4434

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

44-Ru-99
-55.45 To 9999. %

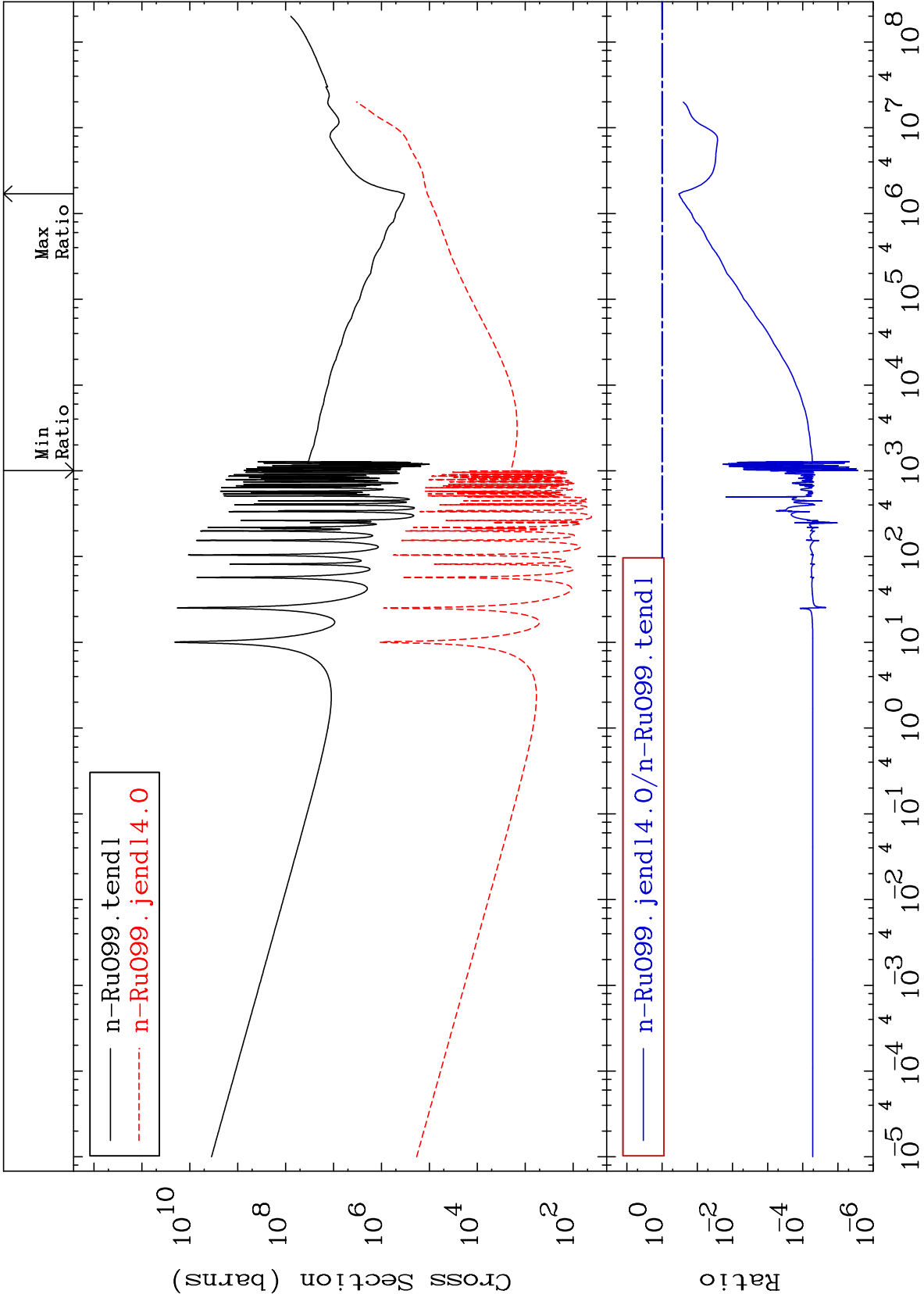


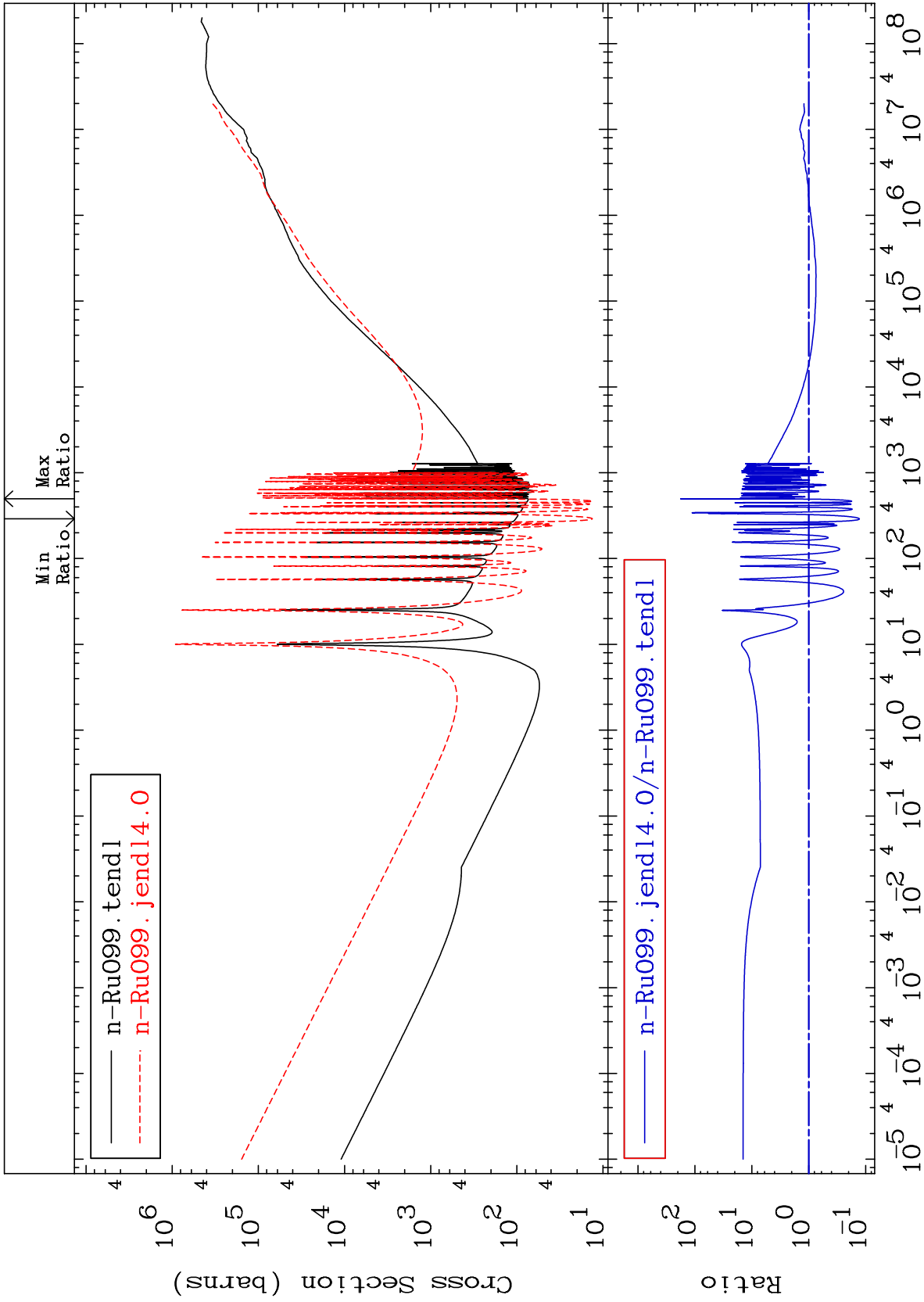


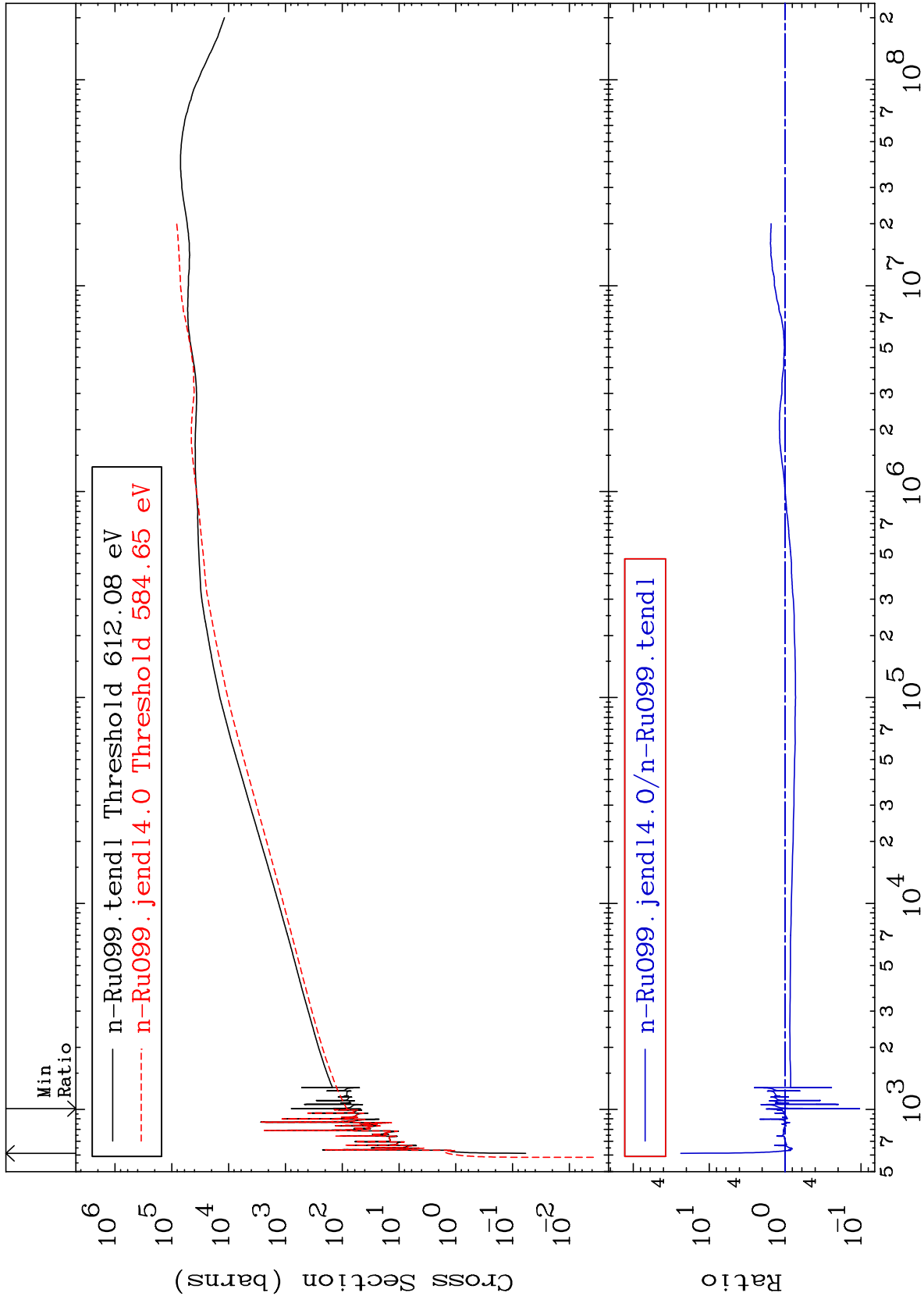


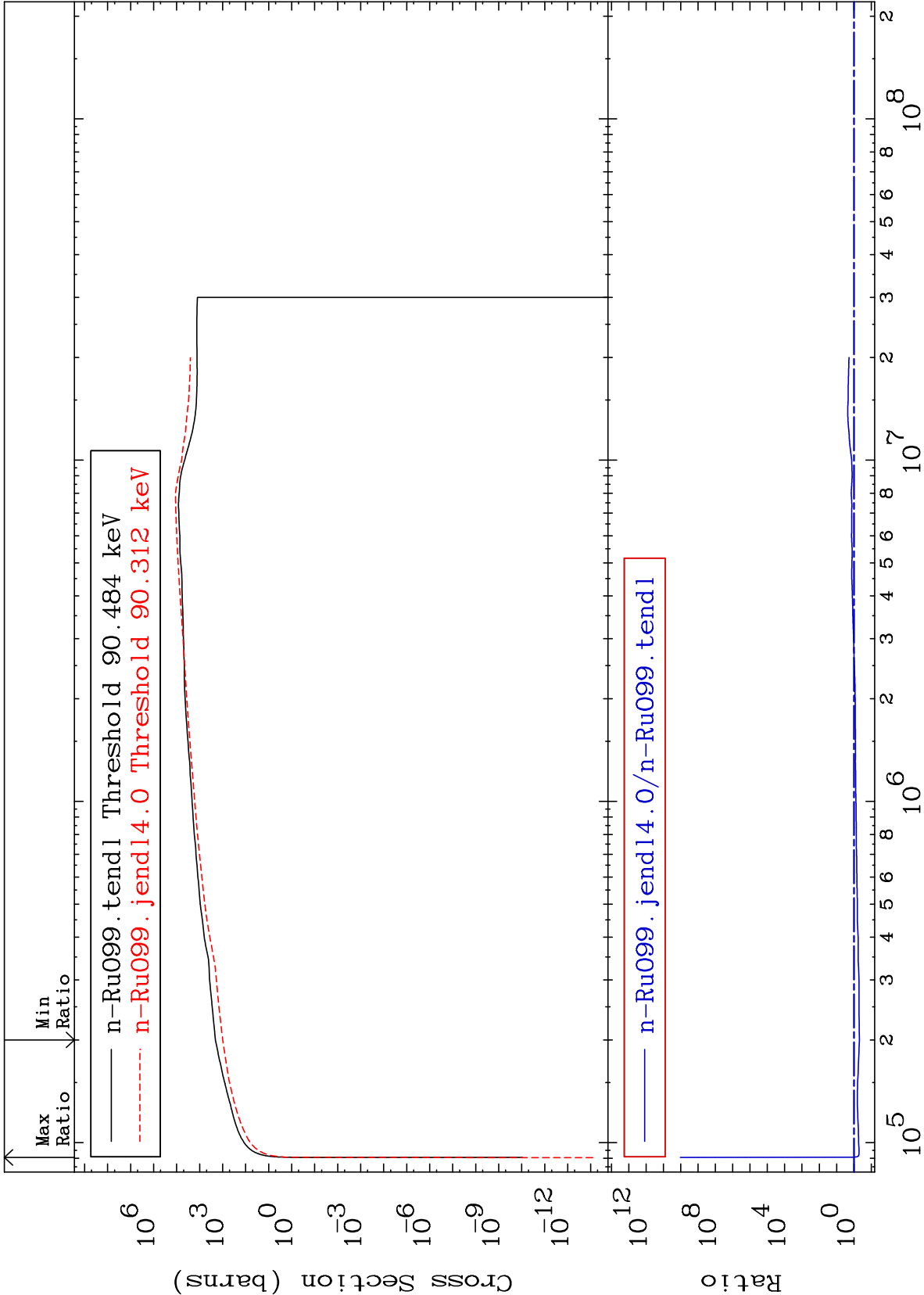
Cross Section

-100.0 To -66.90%









Cross Section

-87.11 To 9999. %

