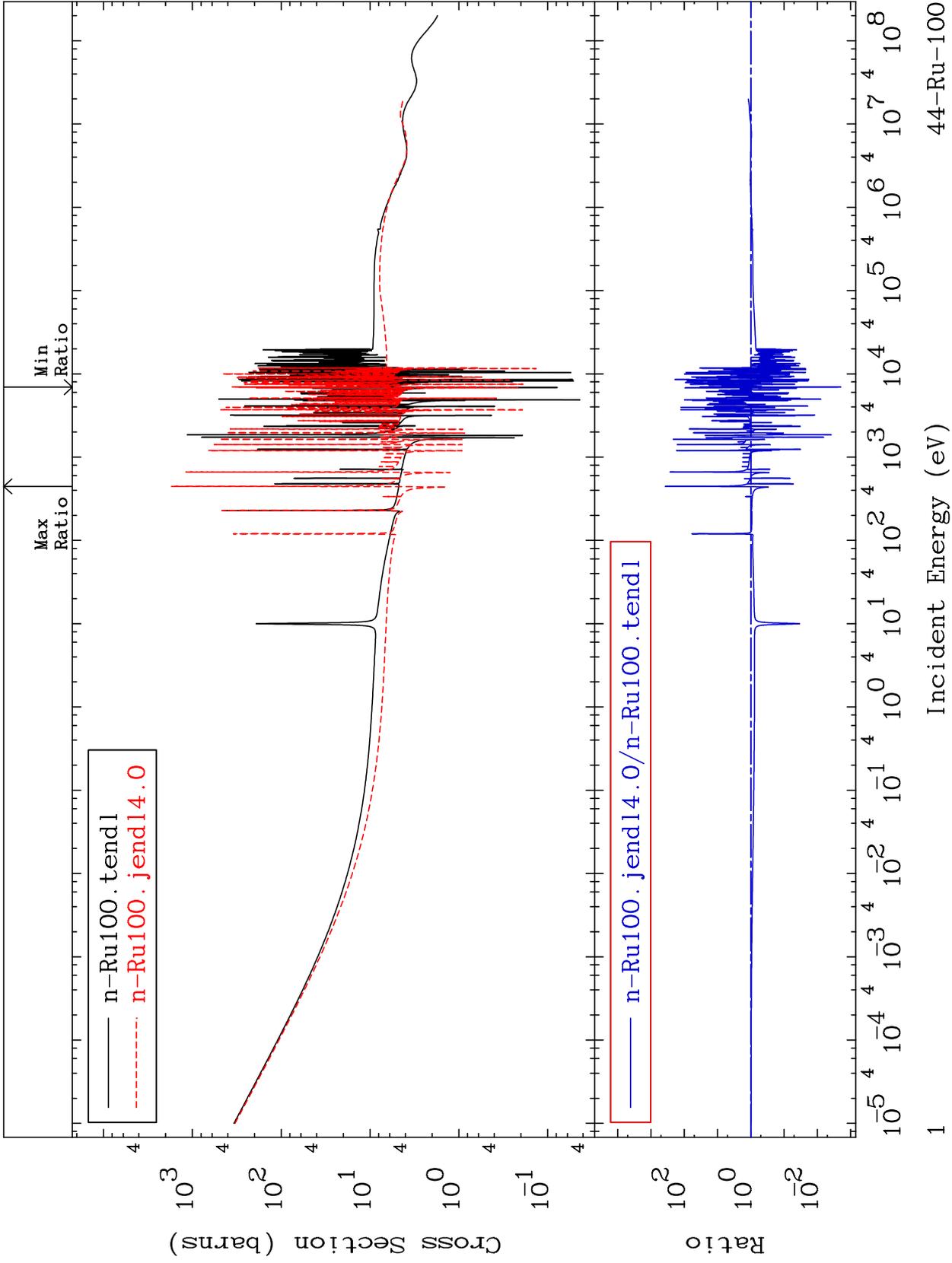


MAT 4437

Total Cross Section  
44-Ru-100  
-99.80 To 9999. %

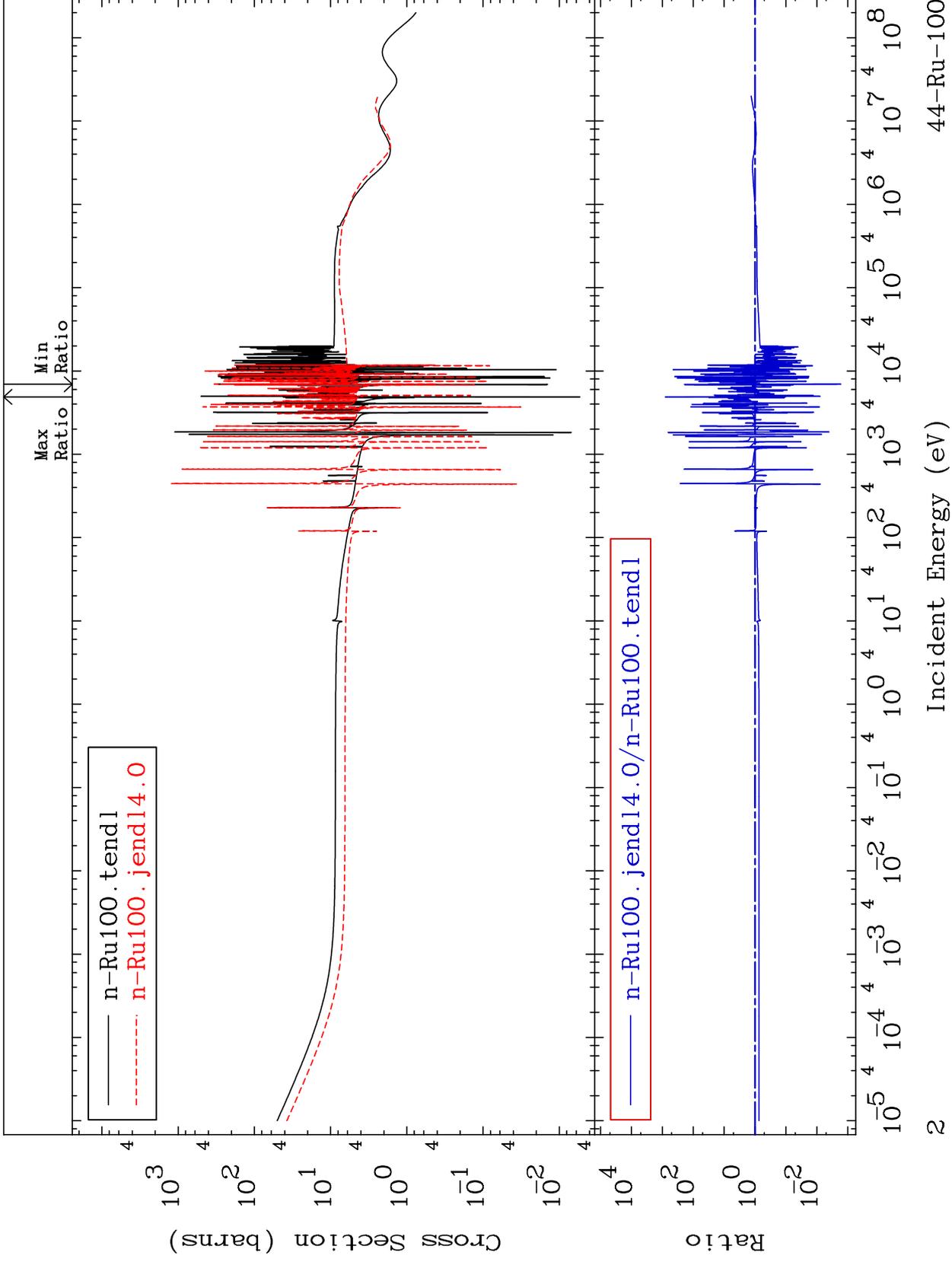


44-Ru-100

MAT 4437

Elastic  
Cross Section

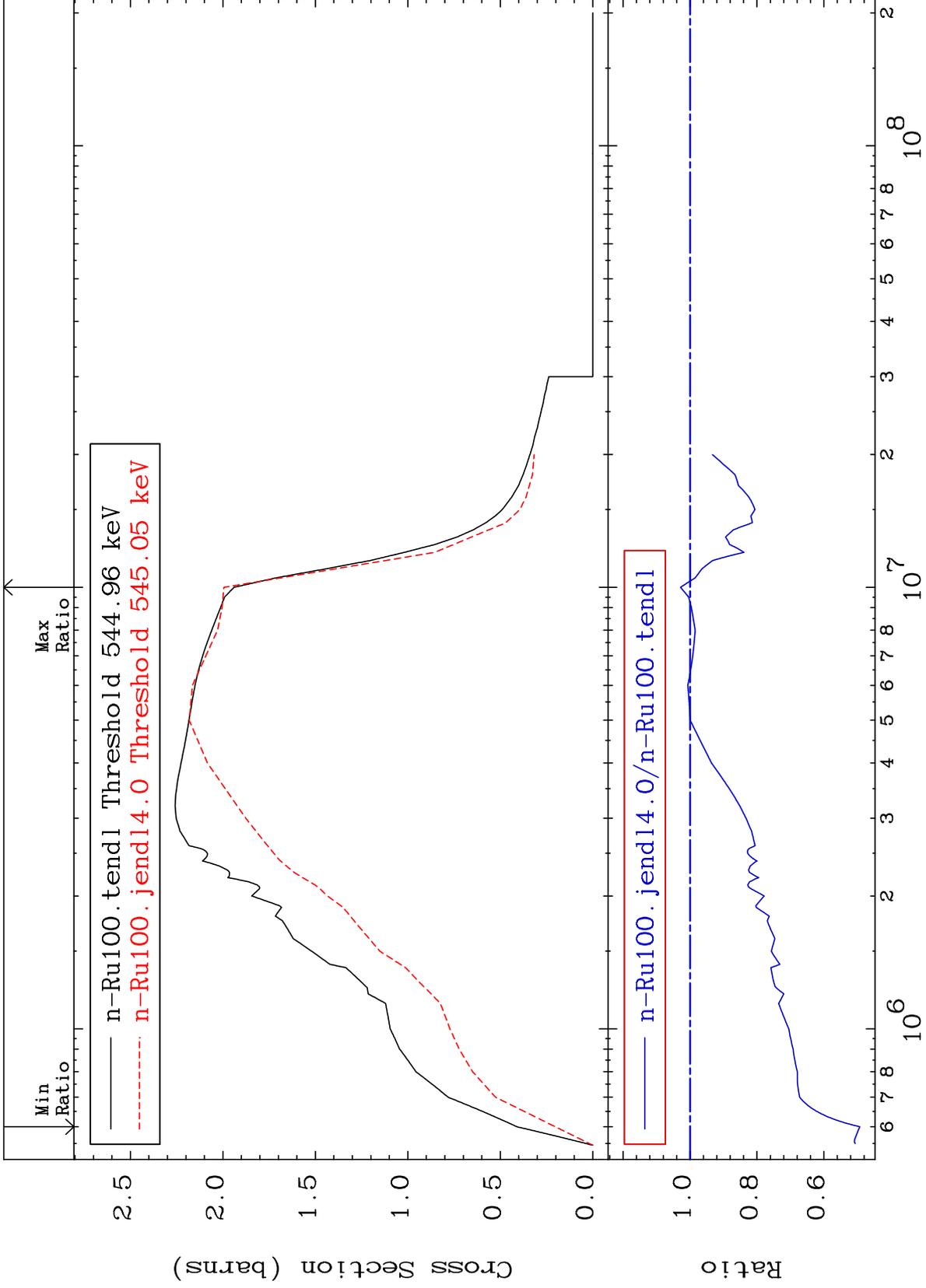
44-Ru-100  
-99.83 To 9999. %



MAT 4437

Inelastic  
Cross Section

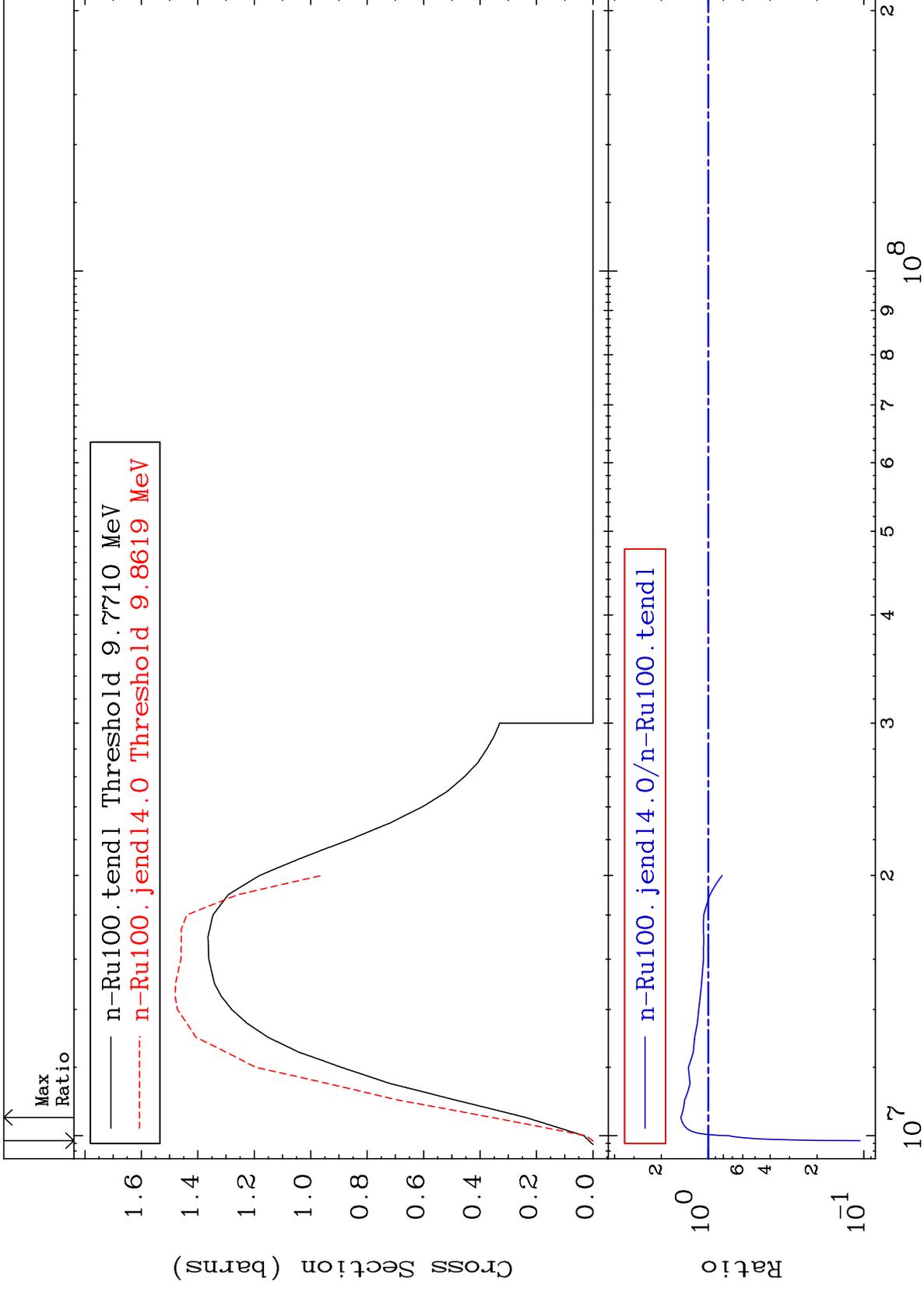
44-Ru-100  
-50.72 To 2.843 %



MAT 4437

(n,2n)  
Cross Section

44-Ru-100  
-89.42 To 50.02 %



44-Ru-100

44-Ru-100

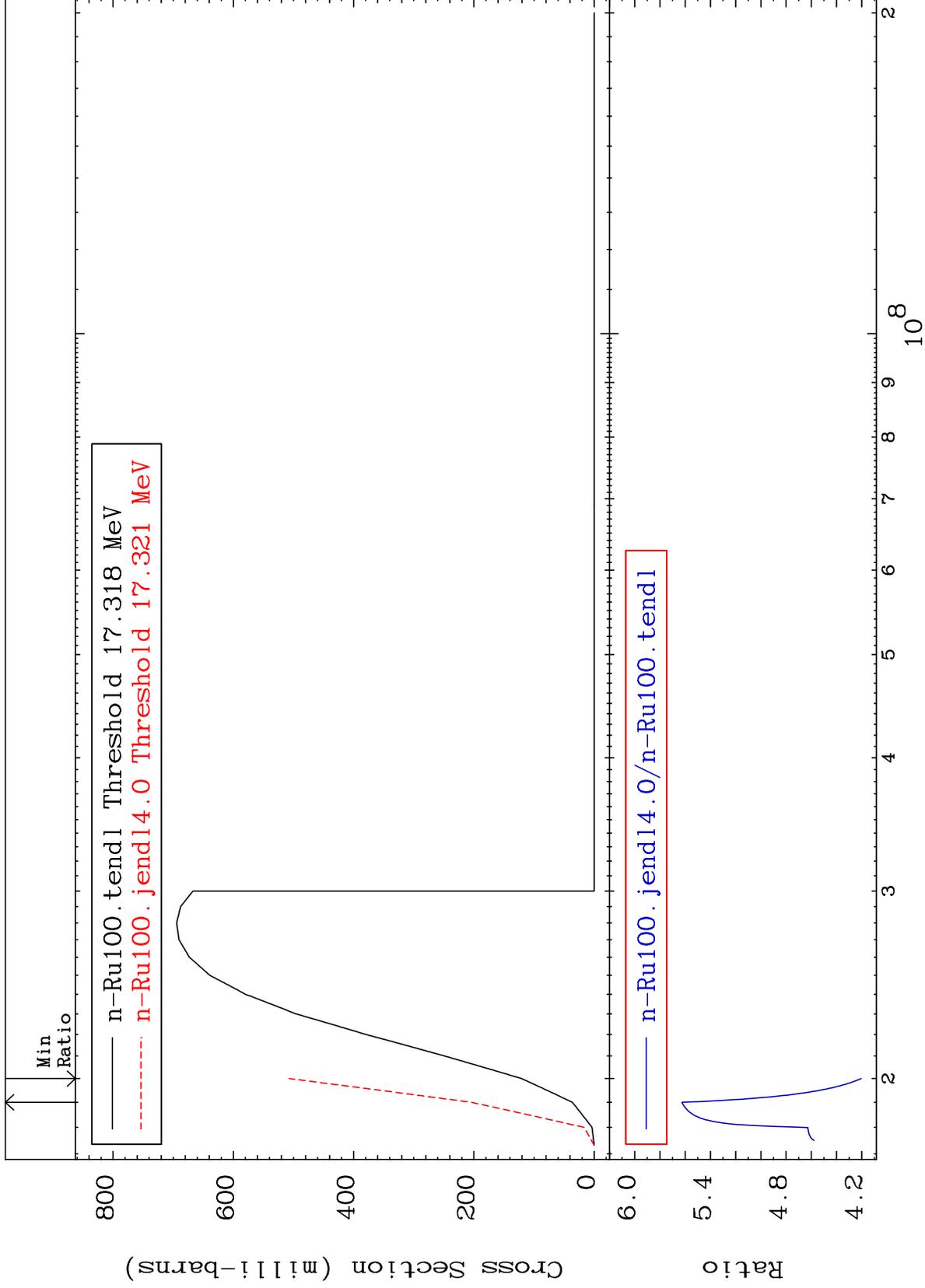
MAT 4437

(n,3n)

44-Ru-100

Cross Section

320.5 To 462.6 %



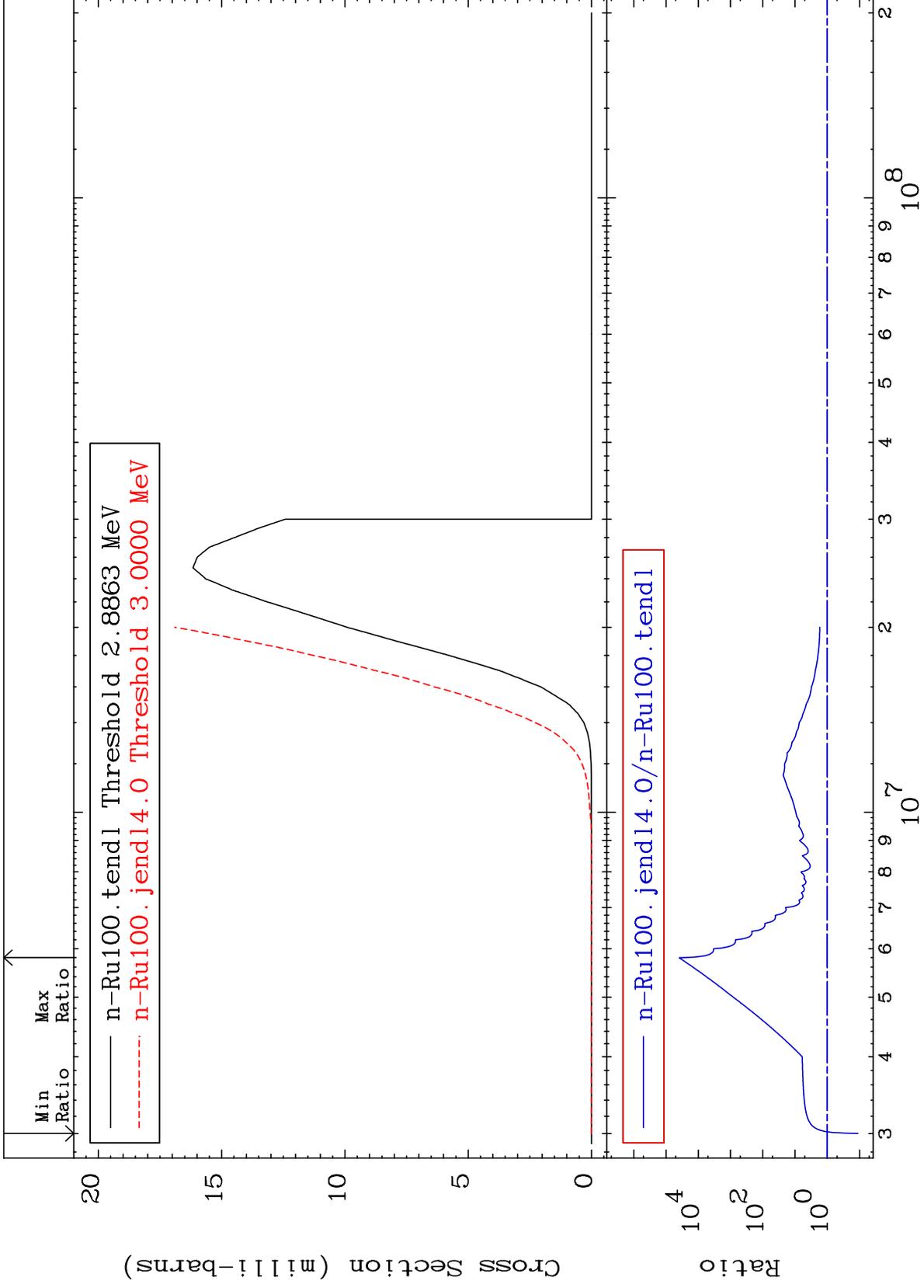
MAT 4437

(n,n')  $\alpha$

44-Ru-100

Cross Section

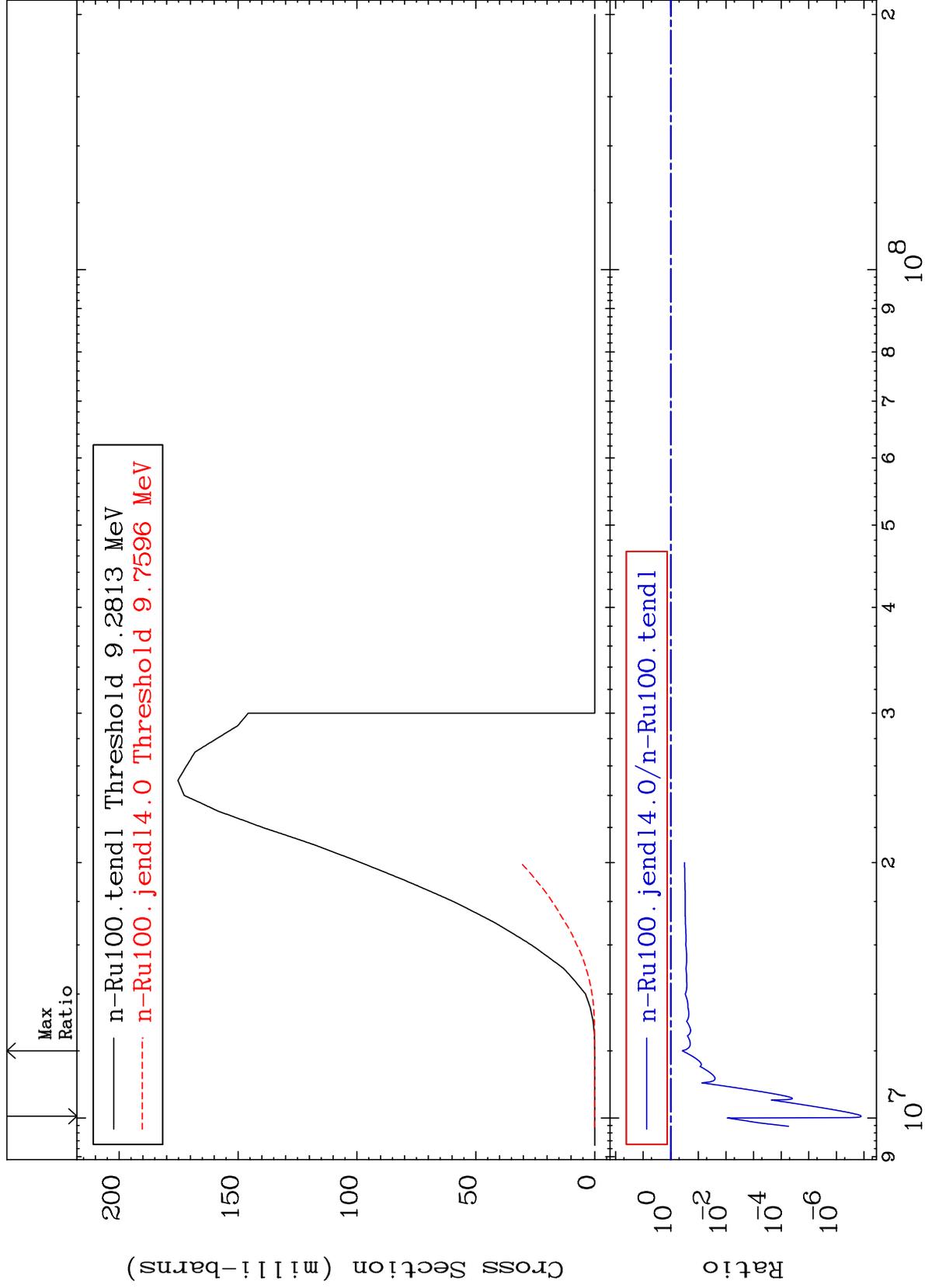
-88.78 To 9999. %



MAT 4437

(n,n') p  
Cross Section

44-Ru-100  
-100.0 To -61.86%



44-Ru-100

44-Ru-100

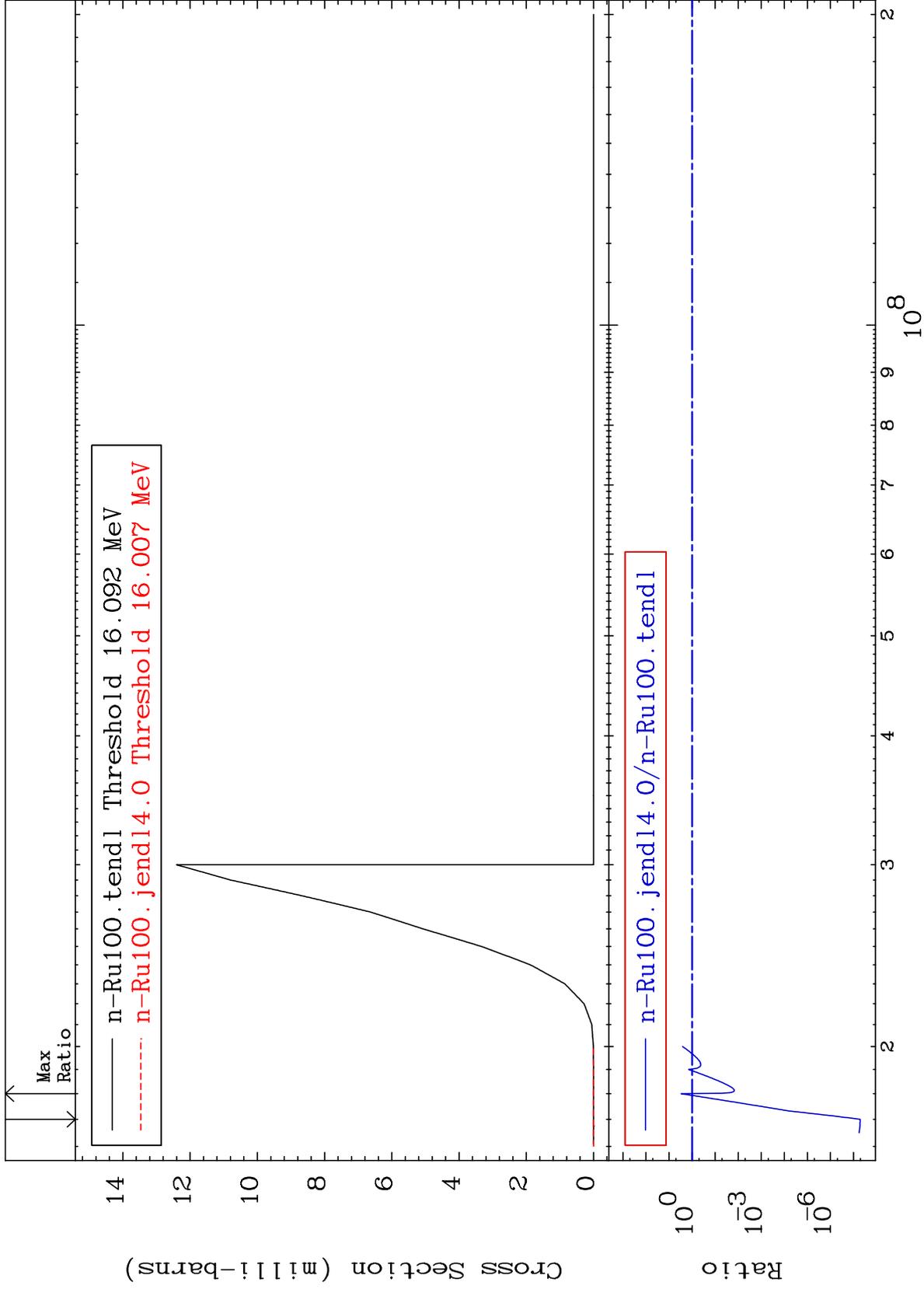
MAT 4437

(n,n') d

44-Ru-100

Cross Section

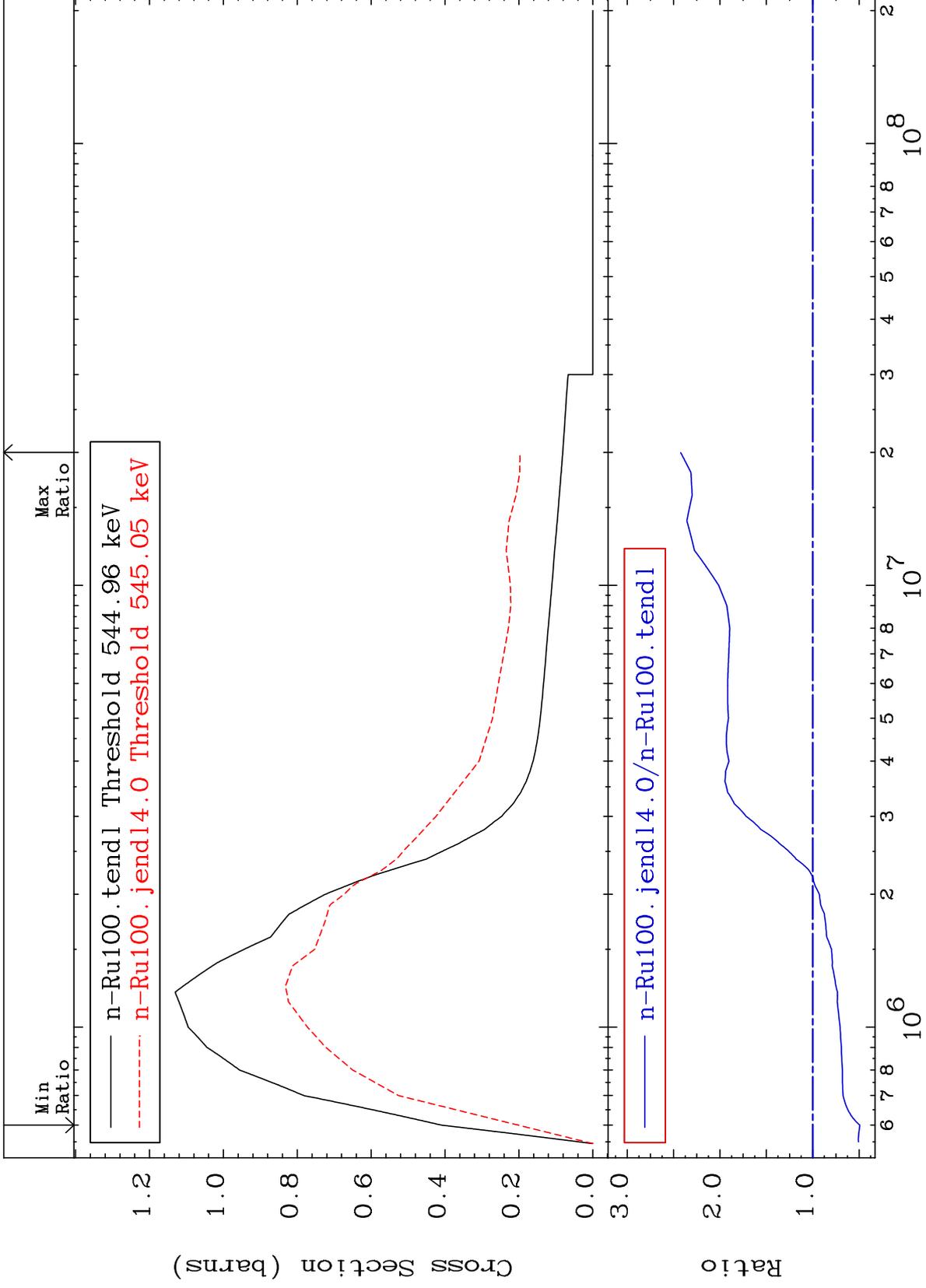
-100.0 To 196.8 %



MAT 4437

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

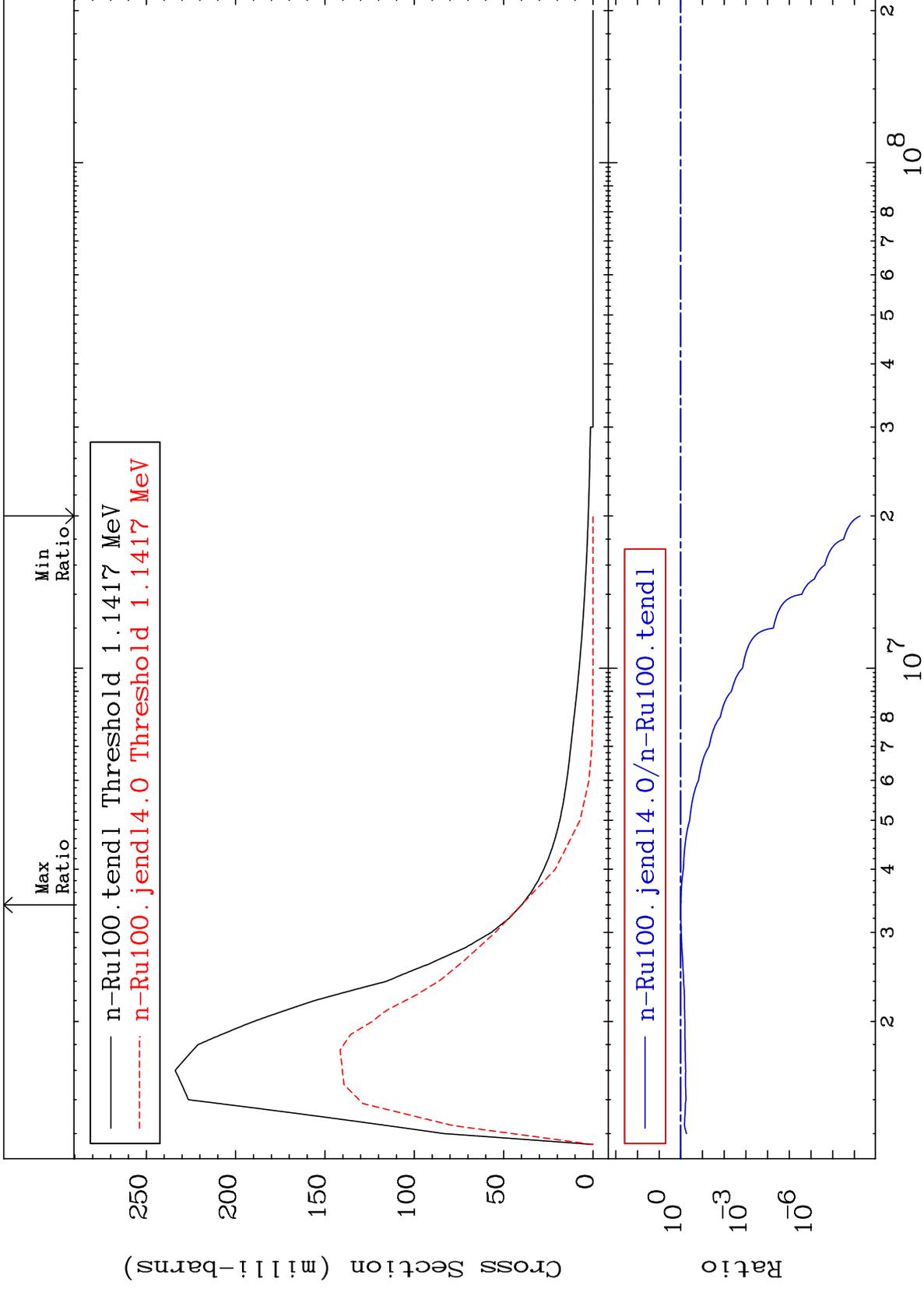
44-Ru-100  
-50.72 To 142.6 %



MAT 4437

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

44-Ru-100  
-100.0 To 0.588 %



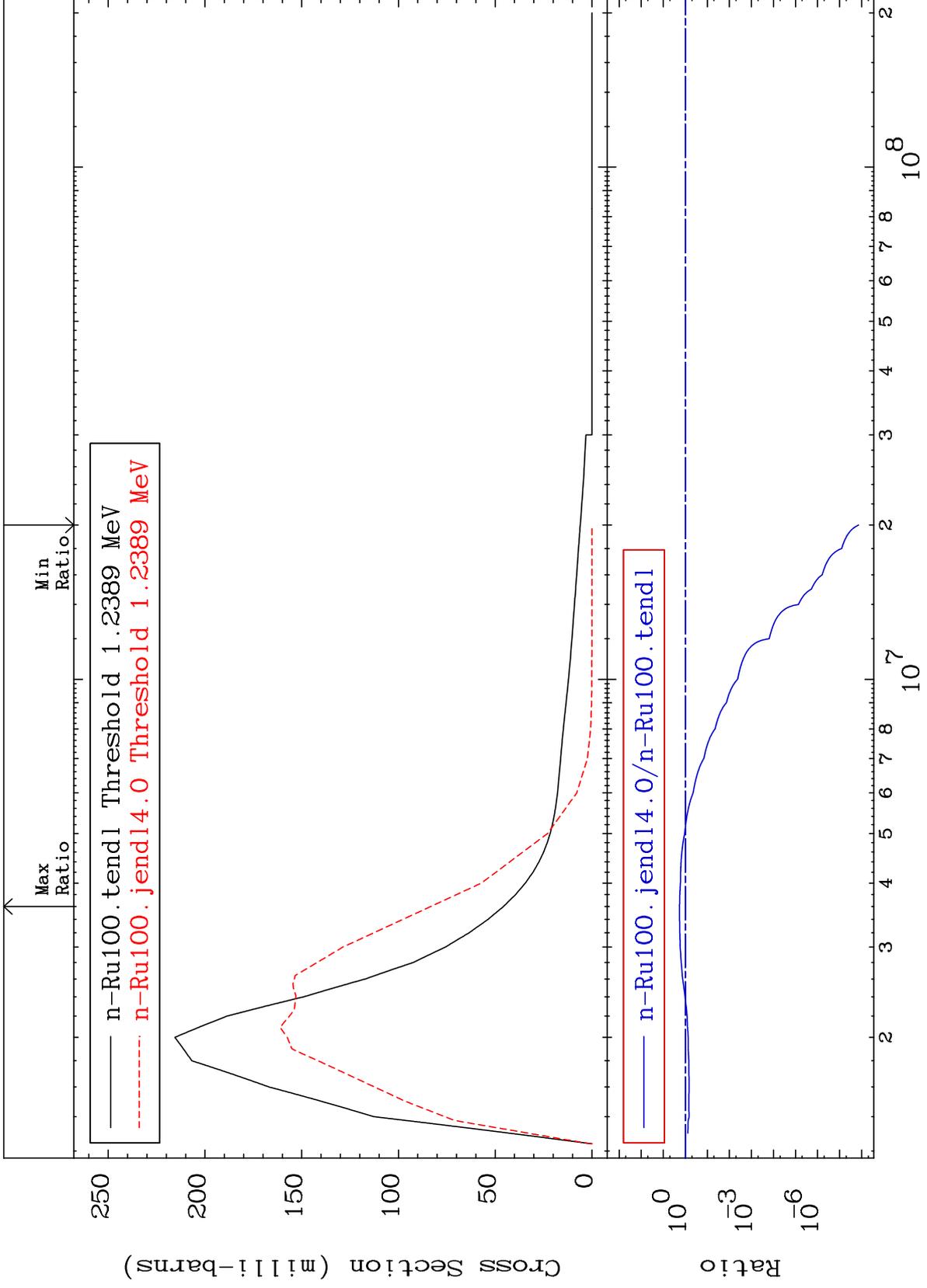
10

44-Ru-100

MAT 4437

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

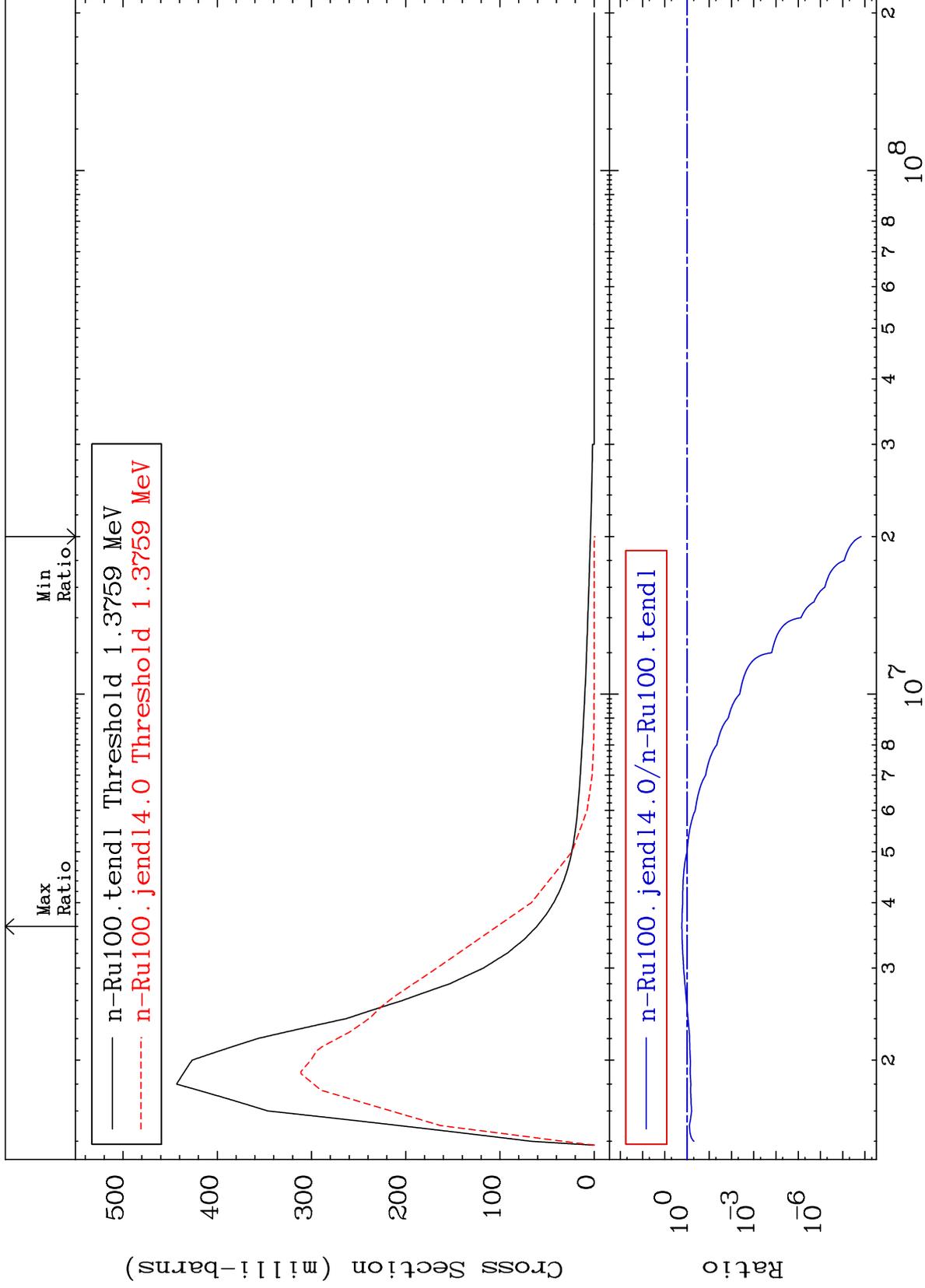
44-Ru-100  
-100.0 To 82.30 %



MAT 4437

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

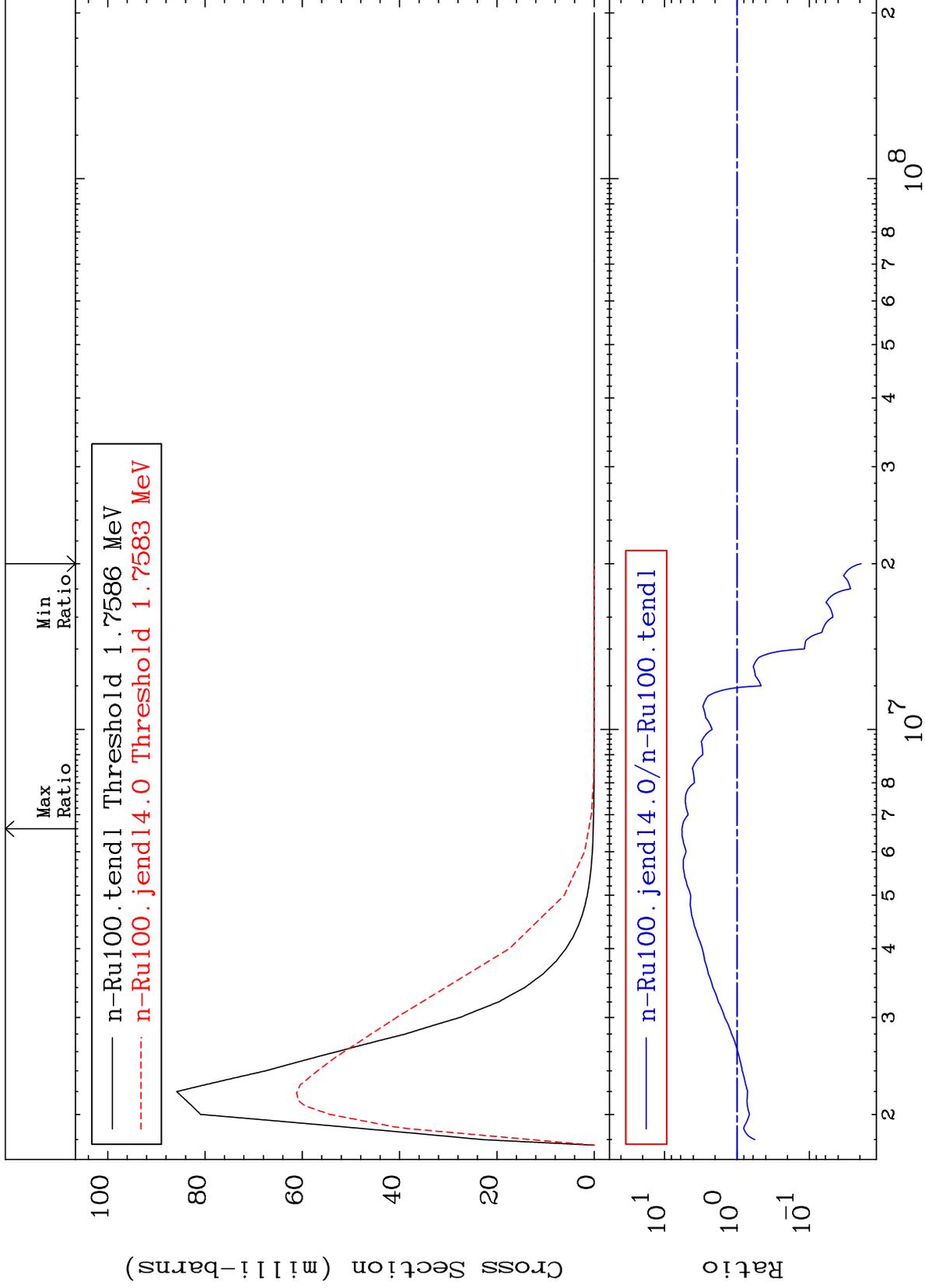
44-Ru-100  
-100.0 To 69.70 %



MAT 4437

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

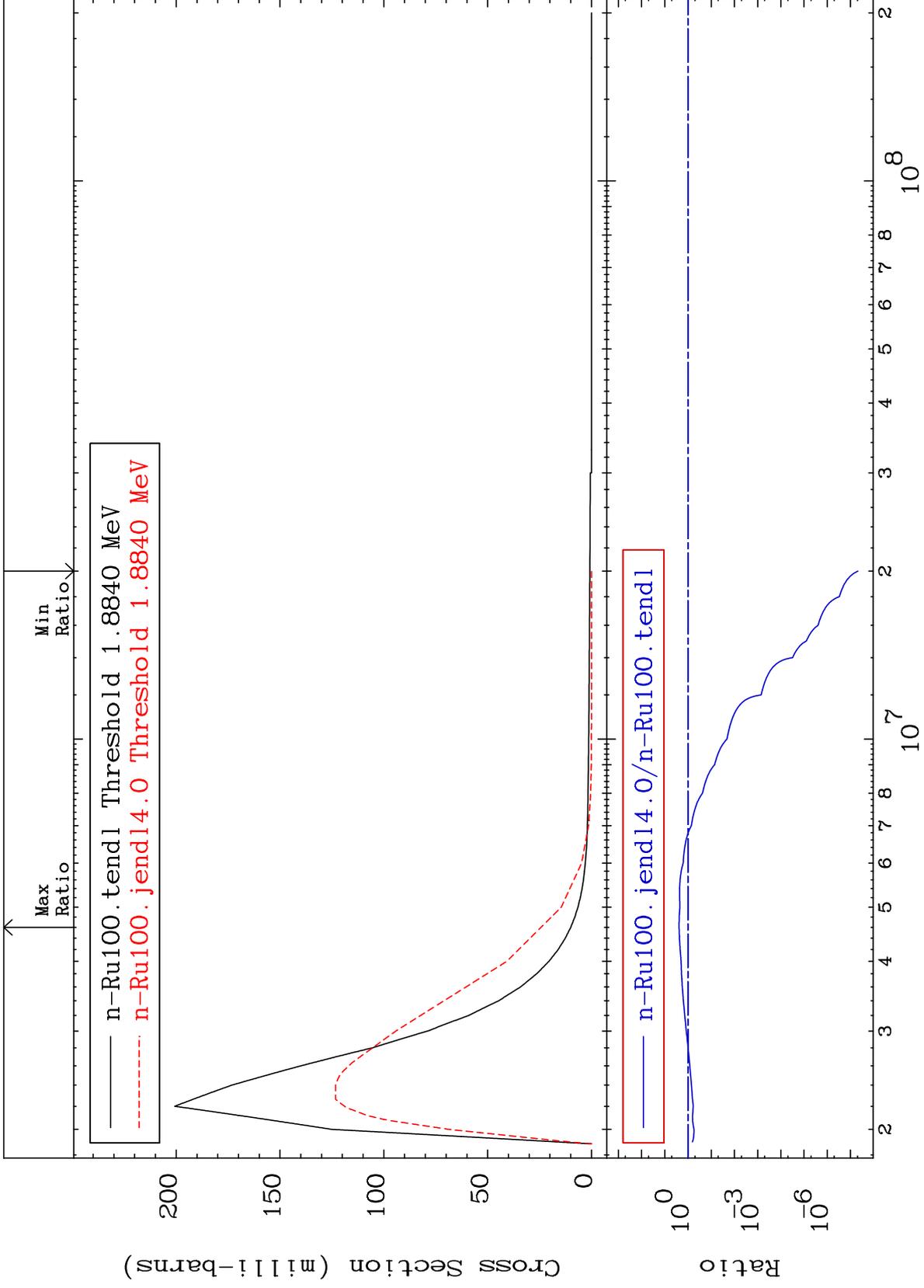
44-Ru-100  
-98.08 To 474.0 %



MAT 4437

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

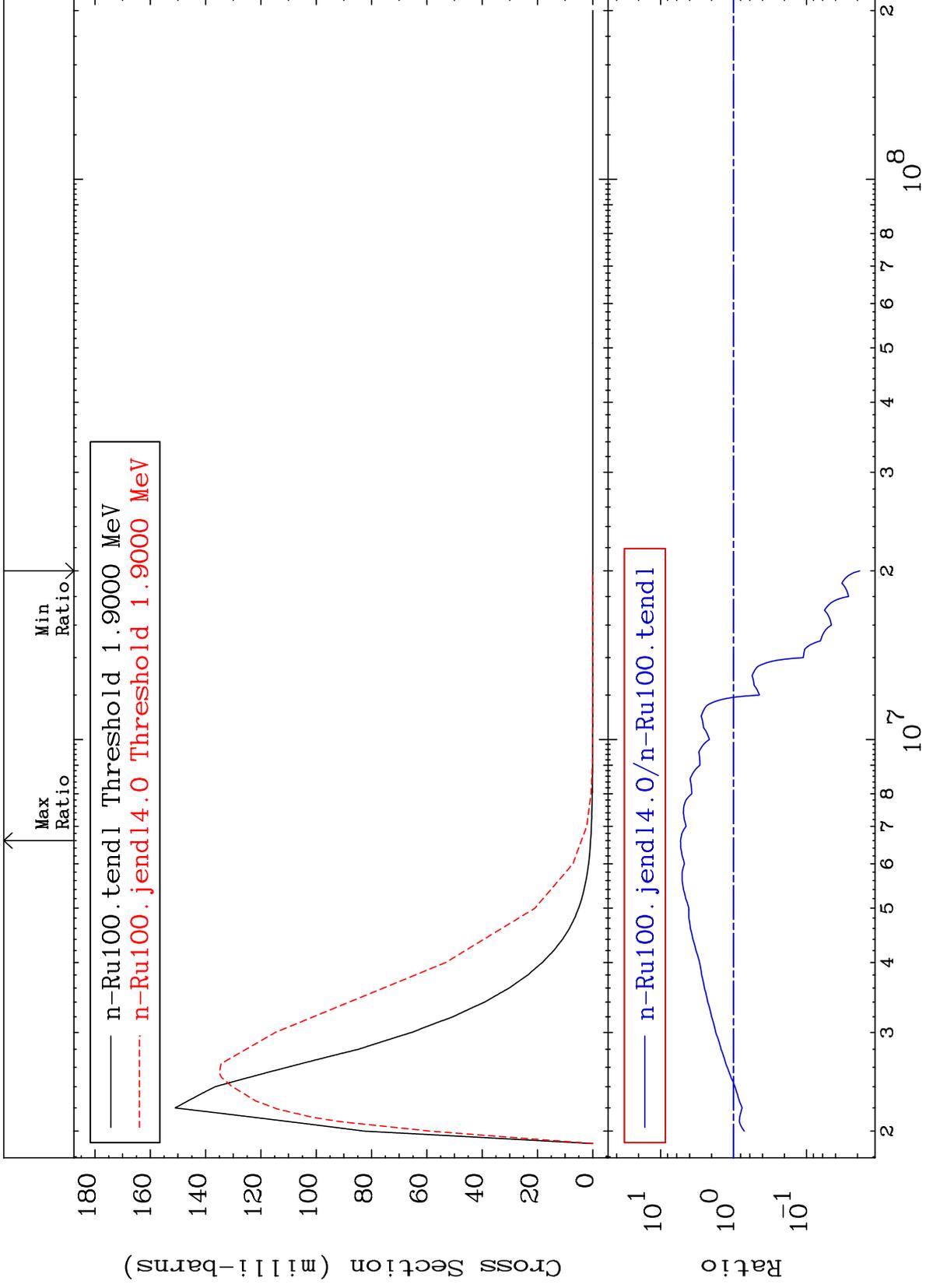
44-Ru-100  
-100.0 To 143.4 %



MAT 4437

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

44-Ru-100  
-98.14 To 432.3 %



15

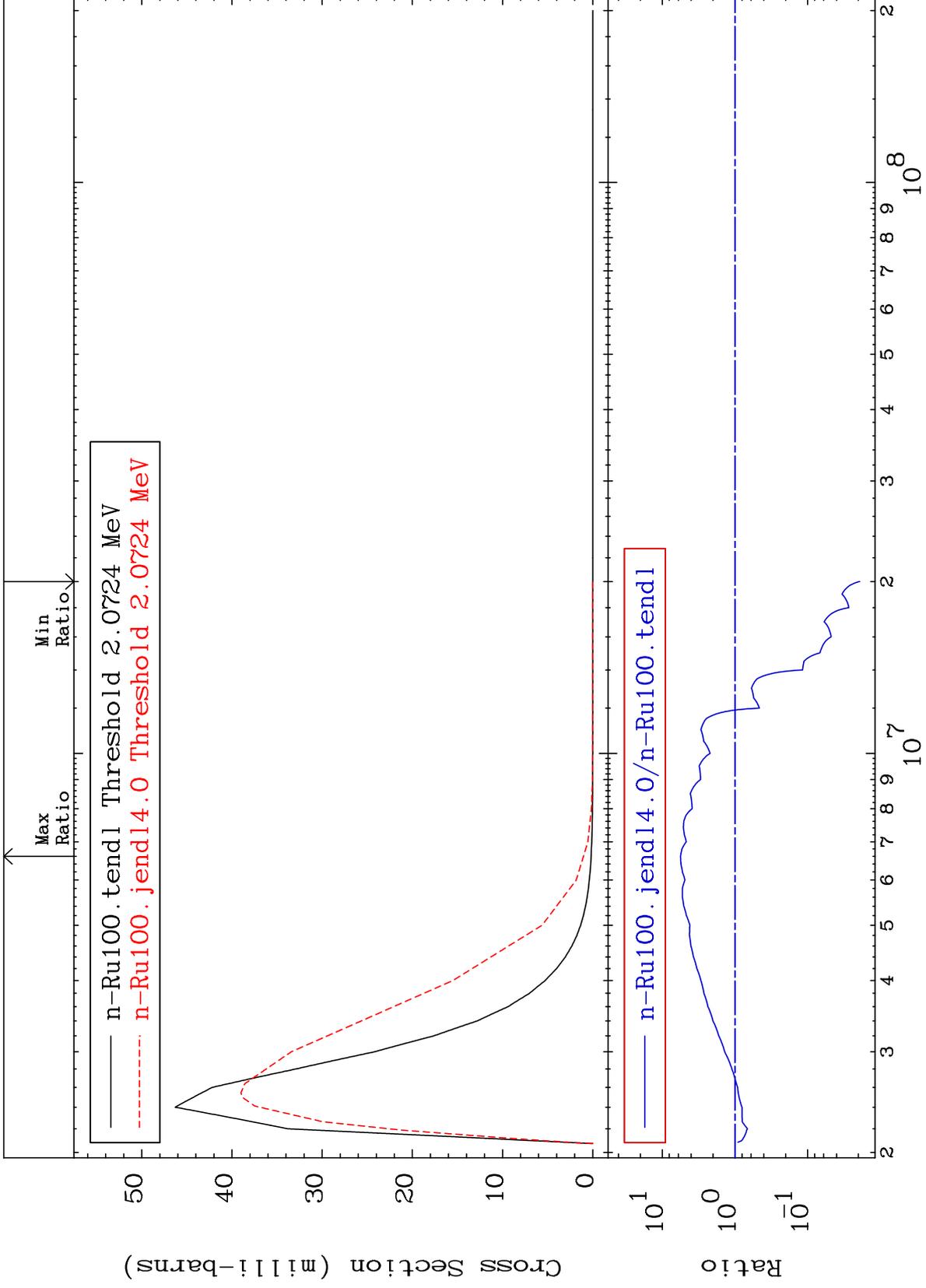
Incident Energy (eV)

44-Ru-100

MAT 4437

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

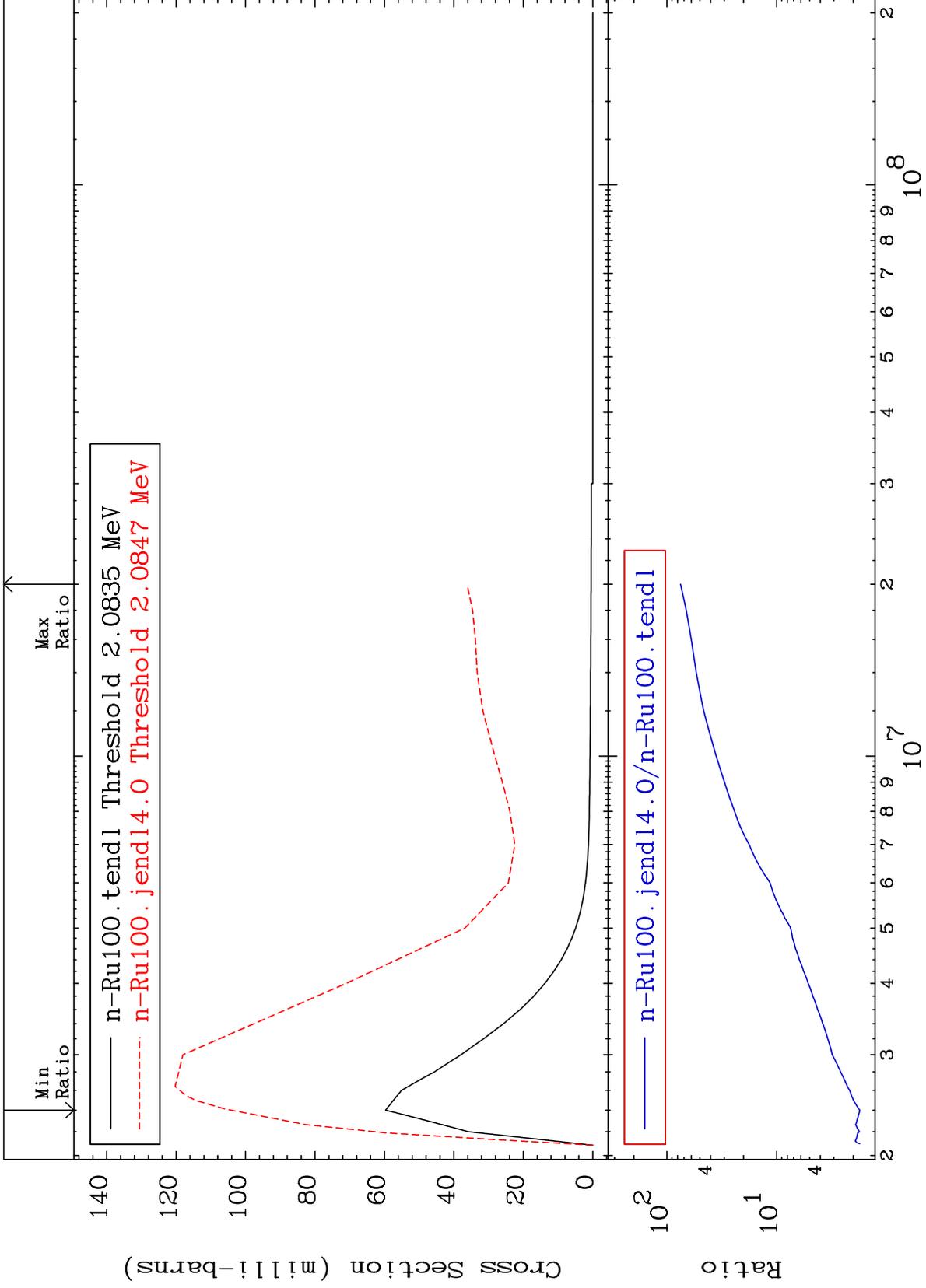
44-Ru-100  
-98.09 To 460.2 %



MAT 4437

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

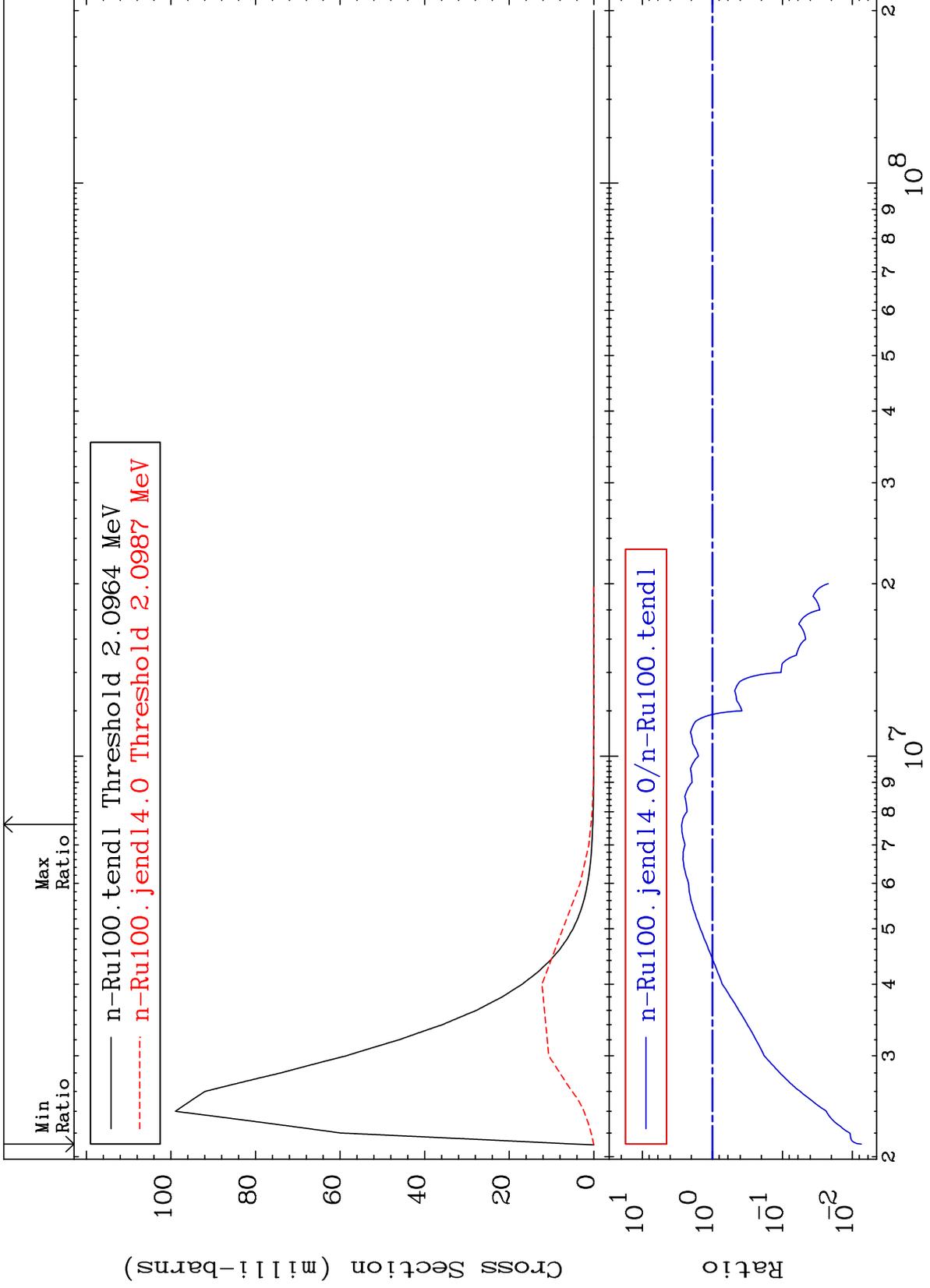
44-Ru-100  
74.55 To 7419. %



MAT 4437

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

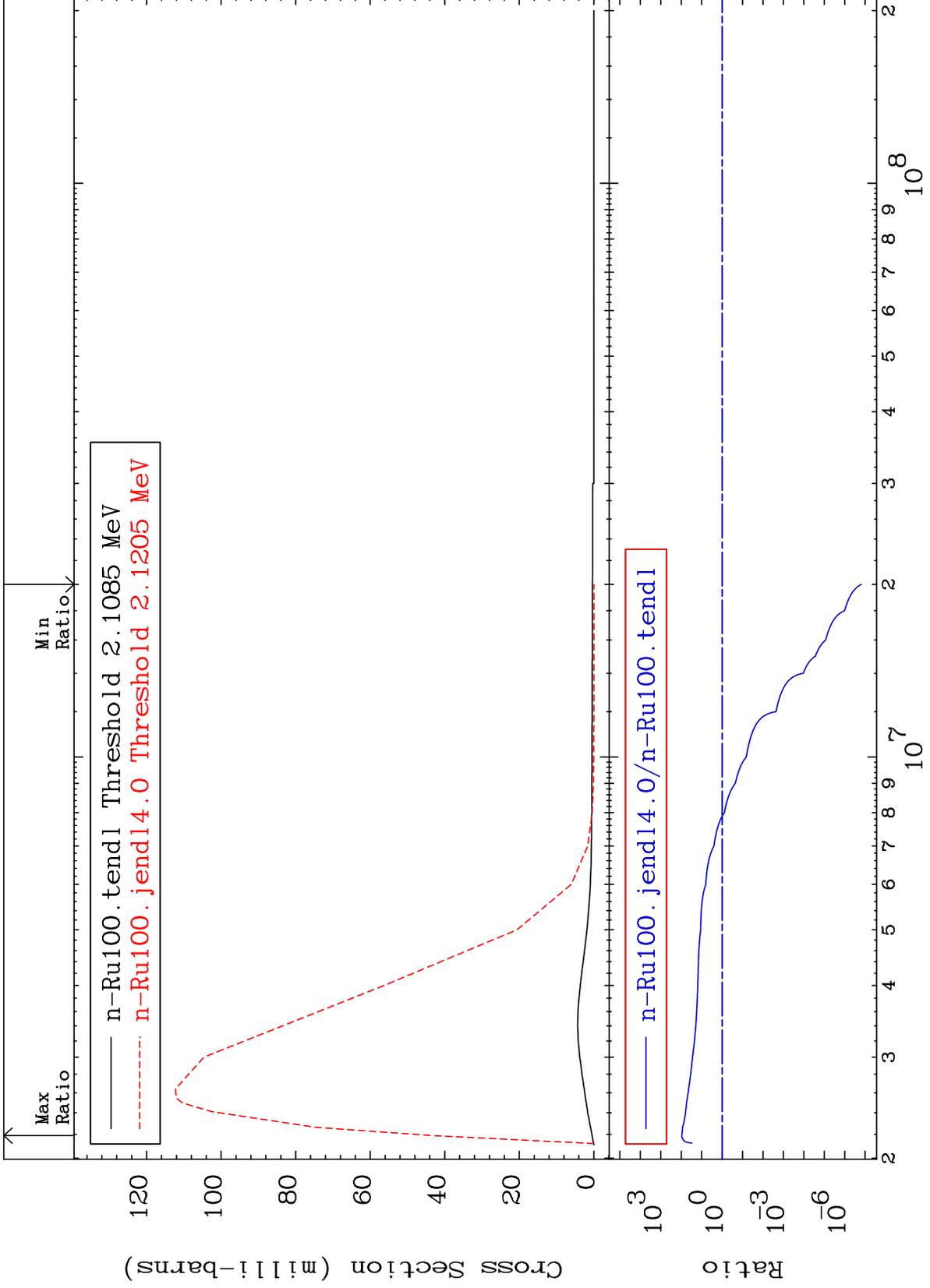
44-Ru-100  
-99.25 To 173.8 %



MAT 4437

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

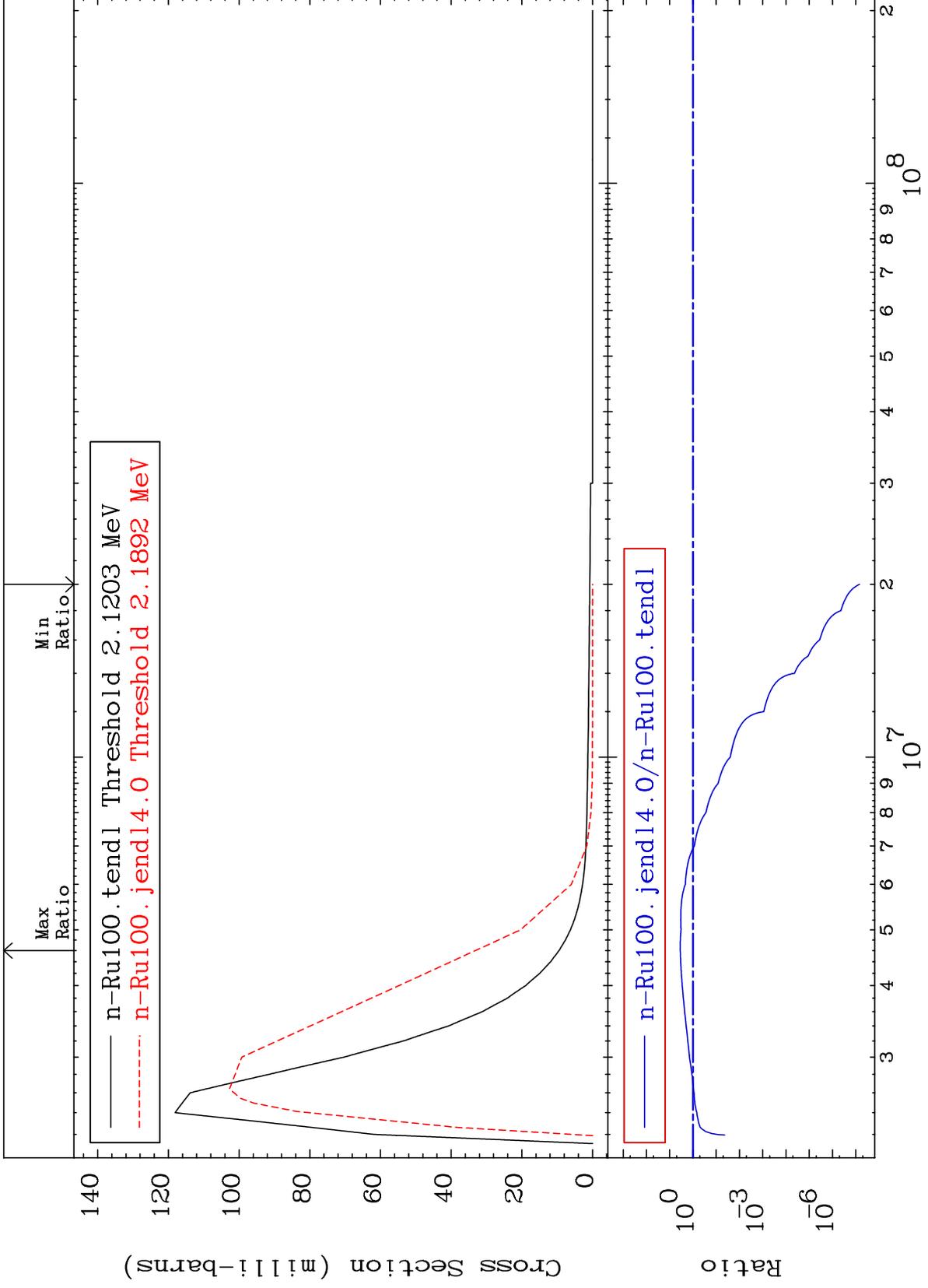
44-Ru-100  
-100.0 To 9305. %



MAT 4437

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

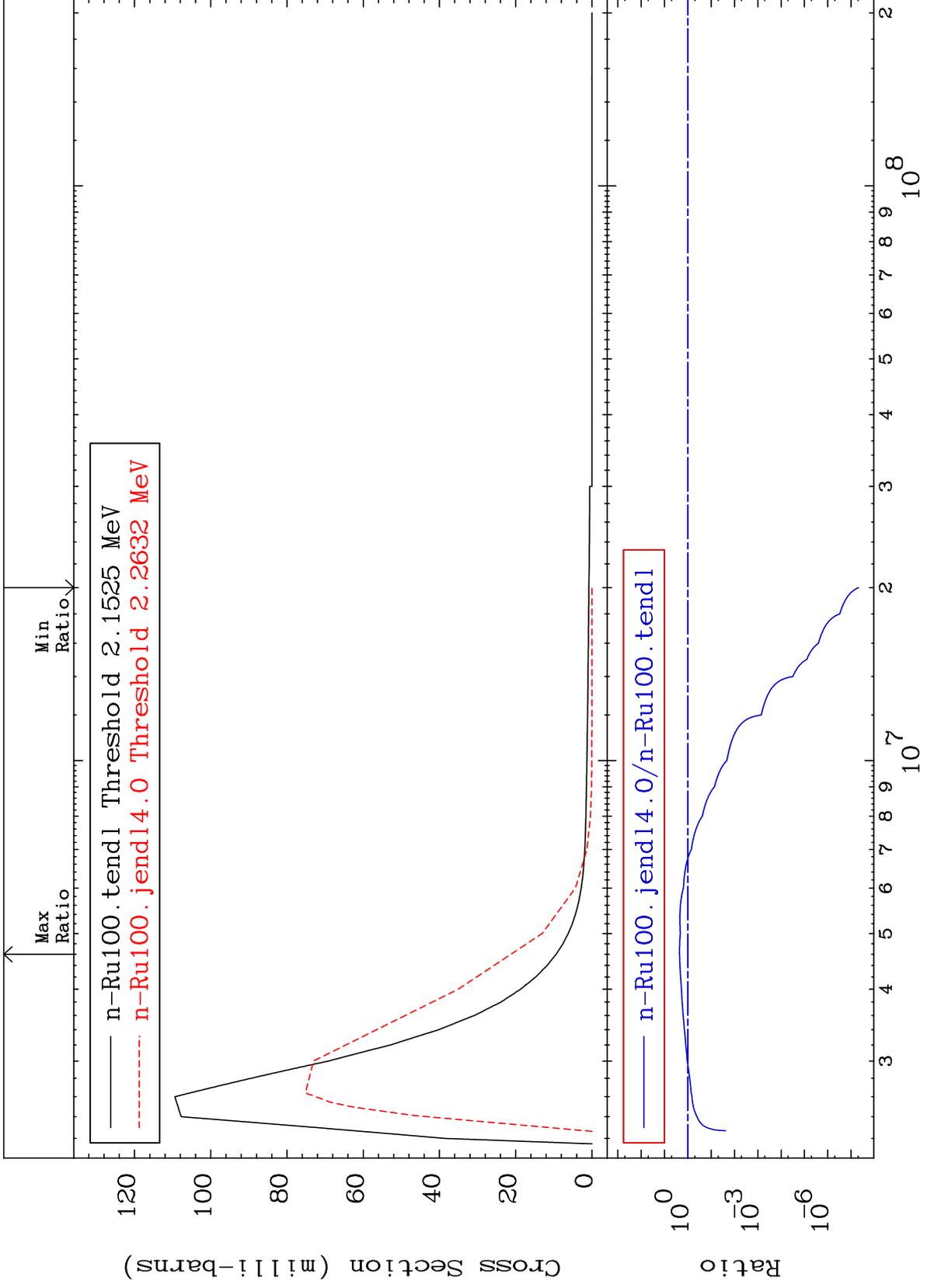
44-Ru-100  
-100.0 To 250.1 %



MAT 4437

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

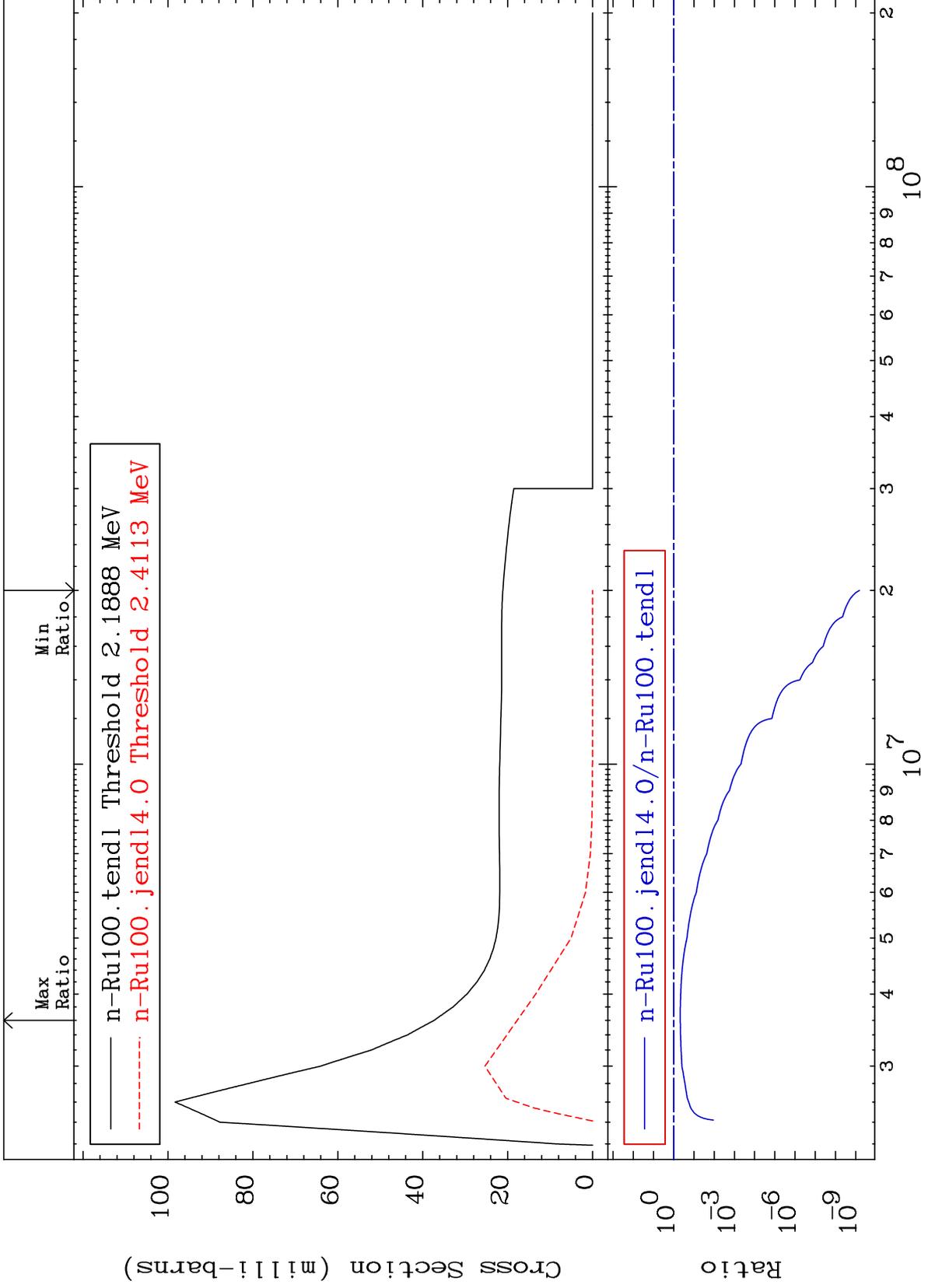
44-Ru-100  
-100.0 To 126.4 %



MAT 4437

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

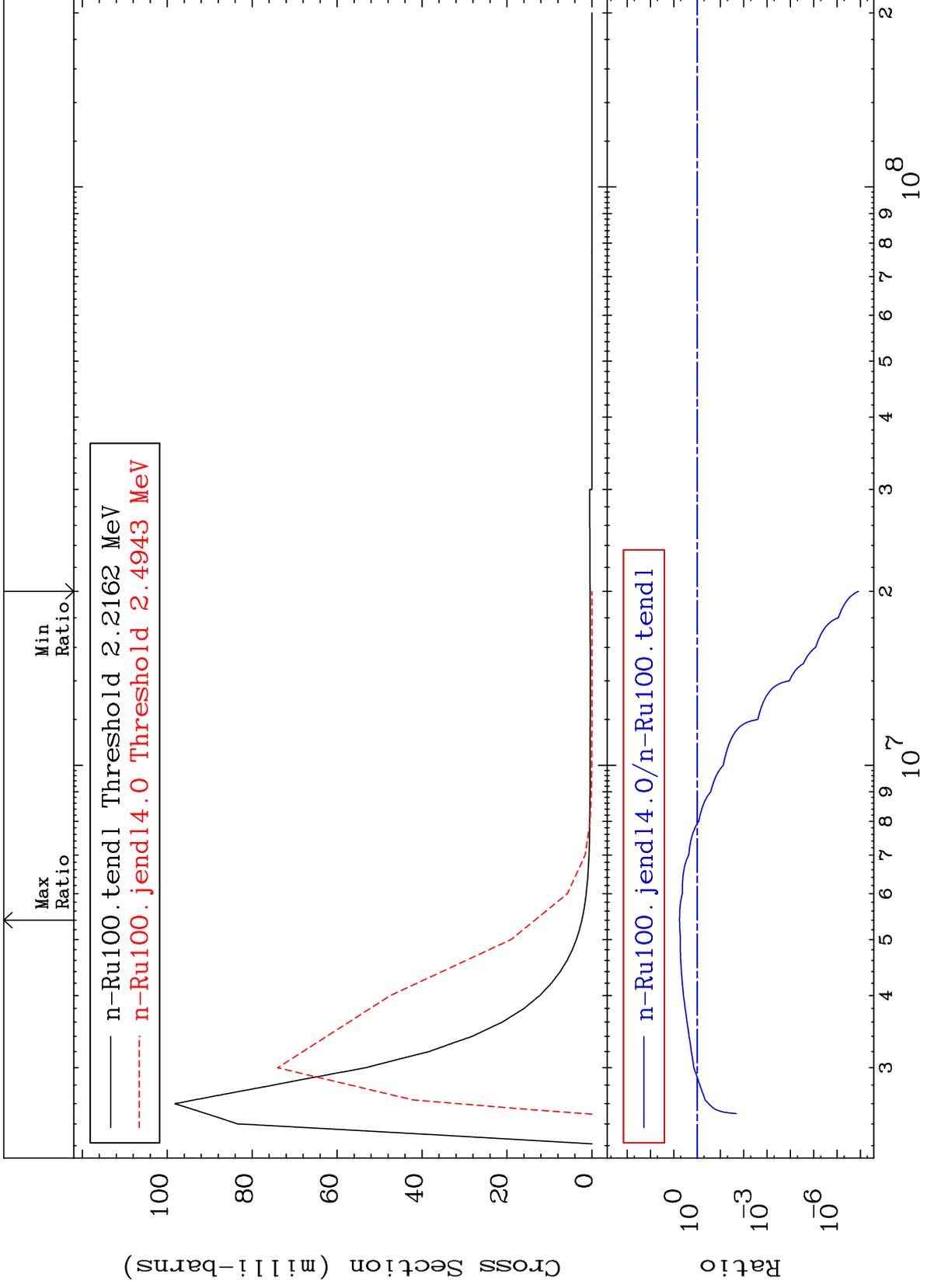
44-Ru-100  
-100.0 To -52.42%



MAT 4437

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

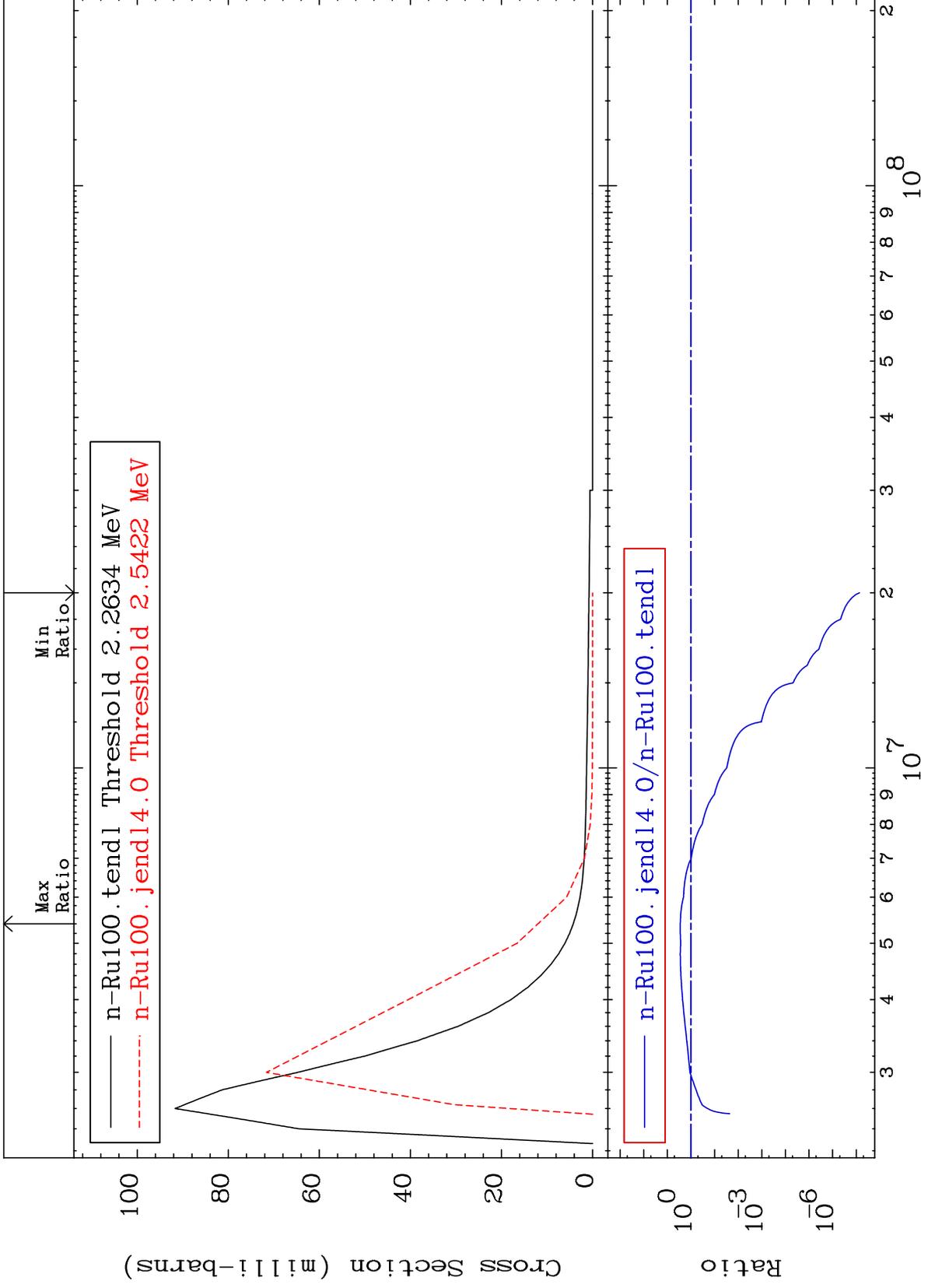
44-Ru-100  
-100.0 To 467.6 %

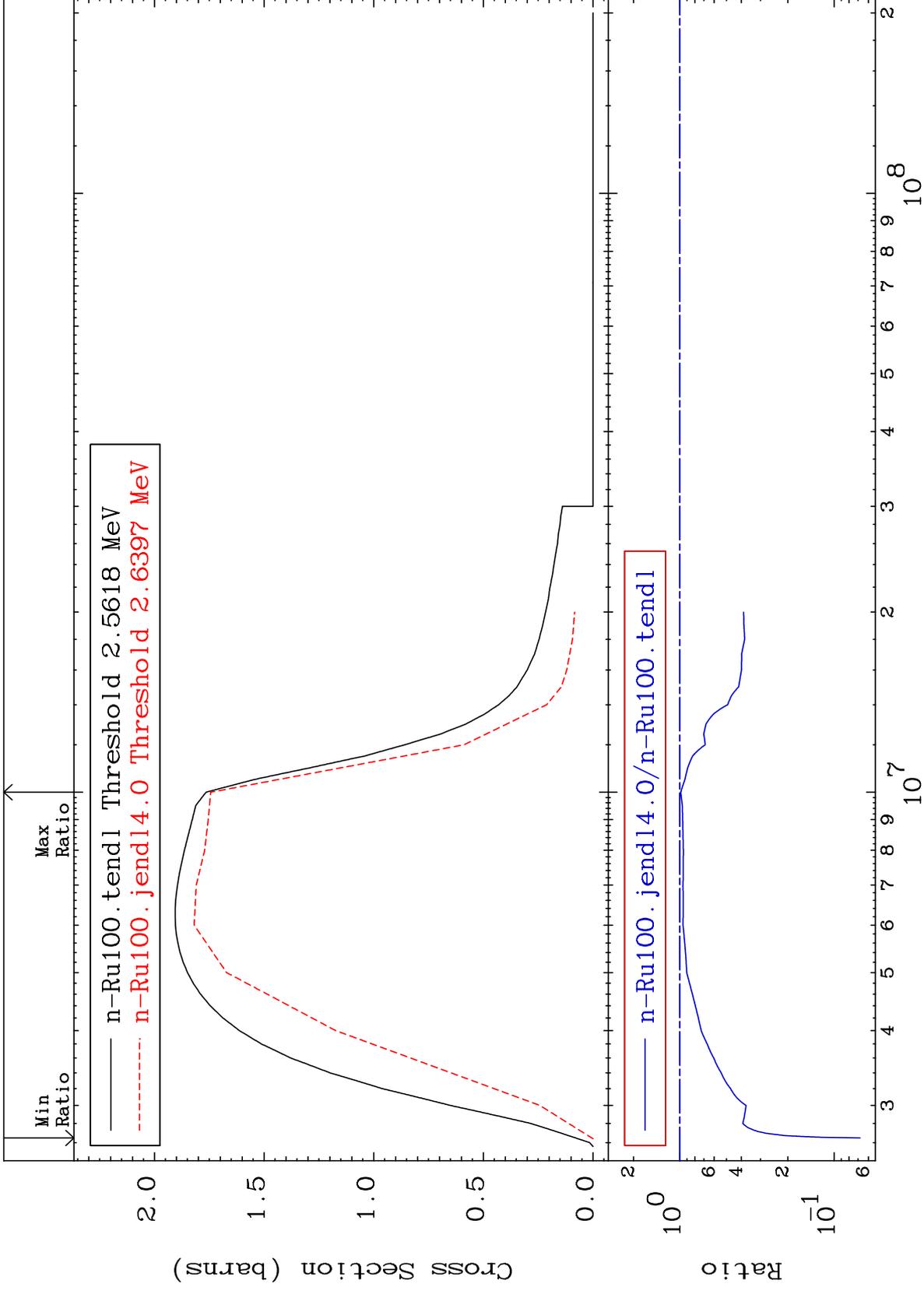


MAT 4437

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

44-Ru-100  
-100.0 To 183.3 %

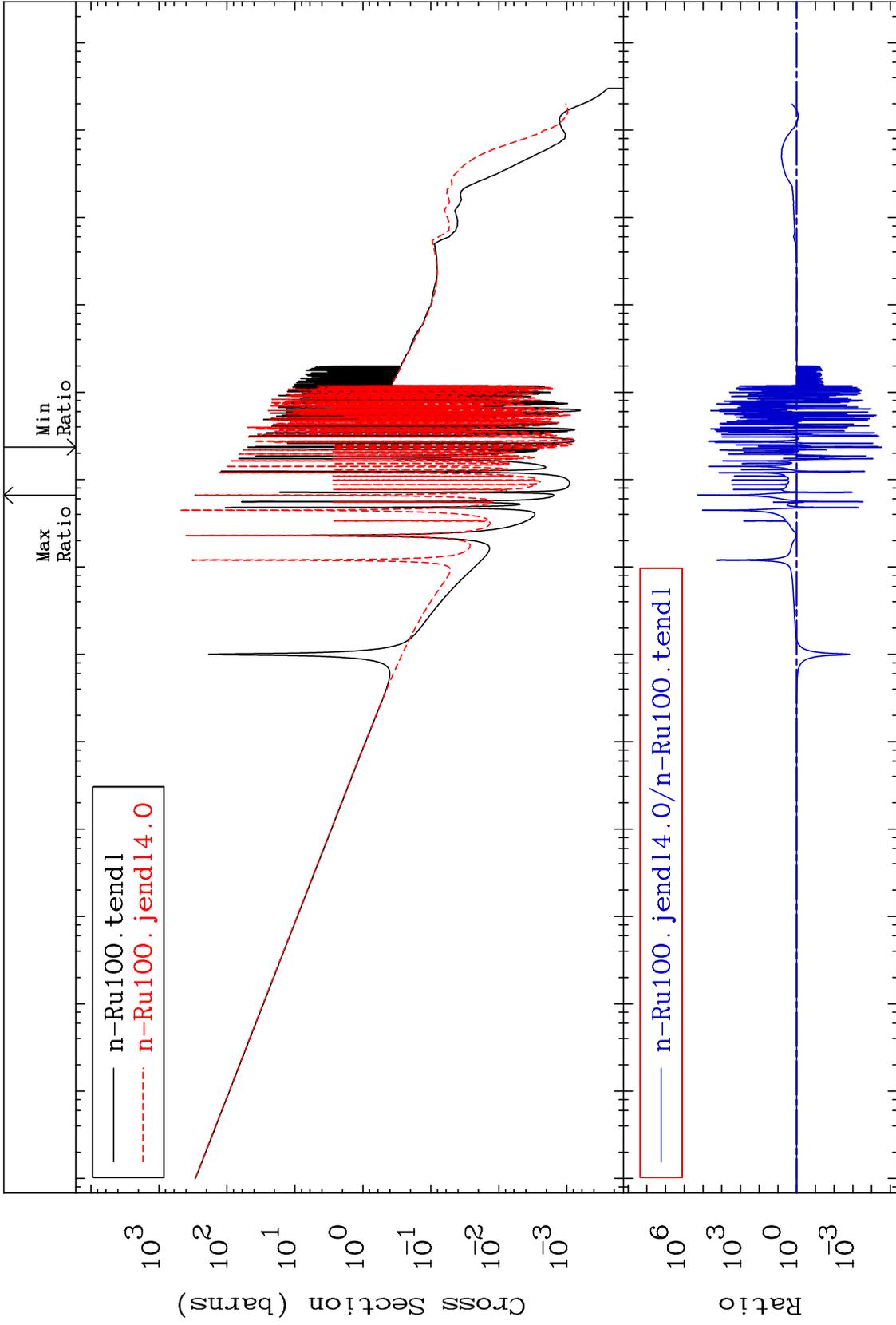




MAT 4437

(n,  $\gamma$ )  
Cross Section

44-Ru-100  
-100.0 To 9999. %



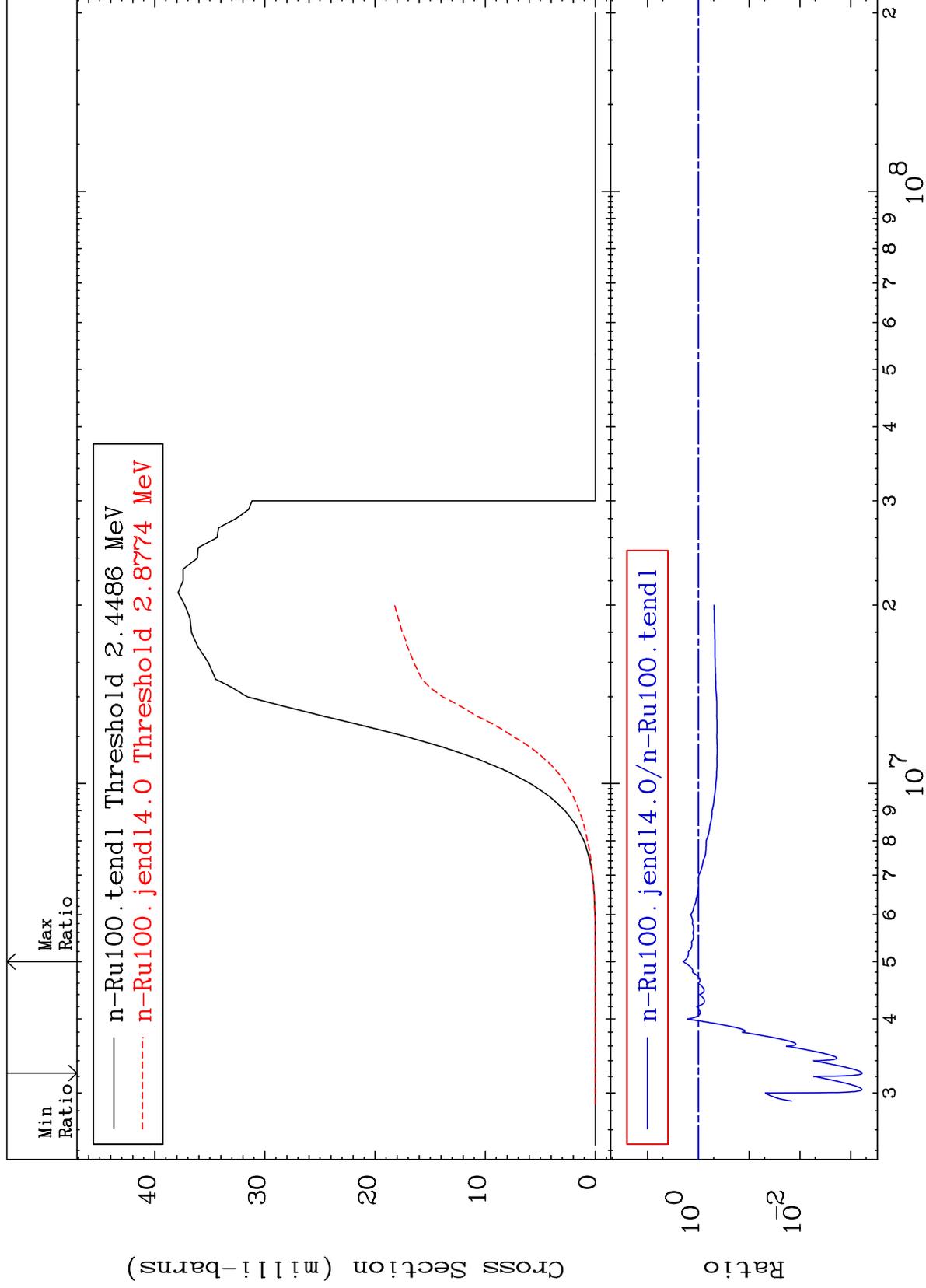
MAT 4437

(n, p)

44-Ru-100

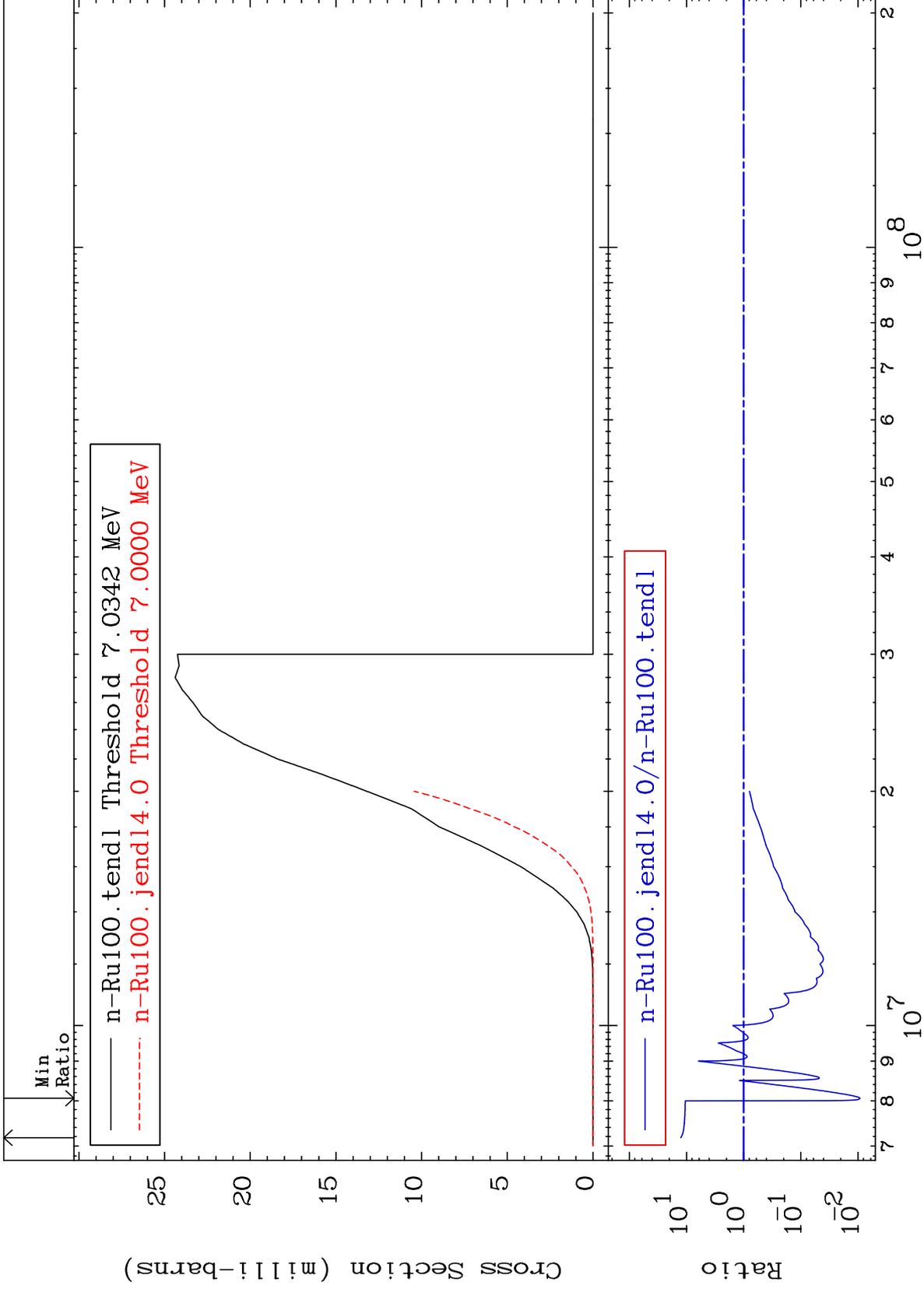
Cross Section

-99.94 To 100.1 %



Cross Section

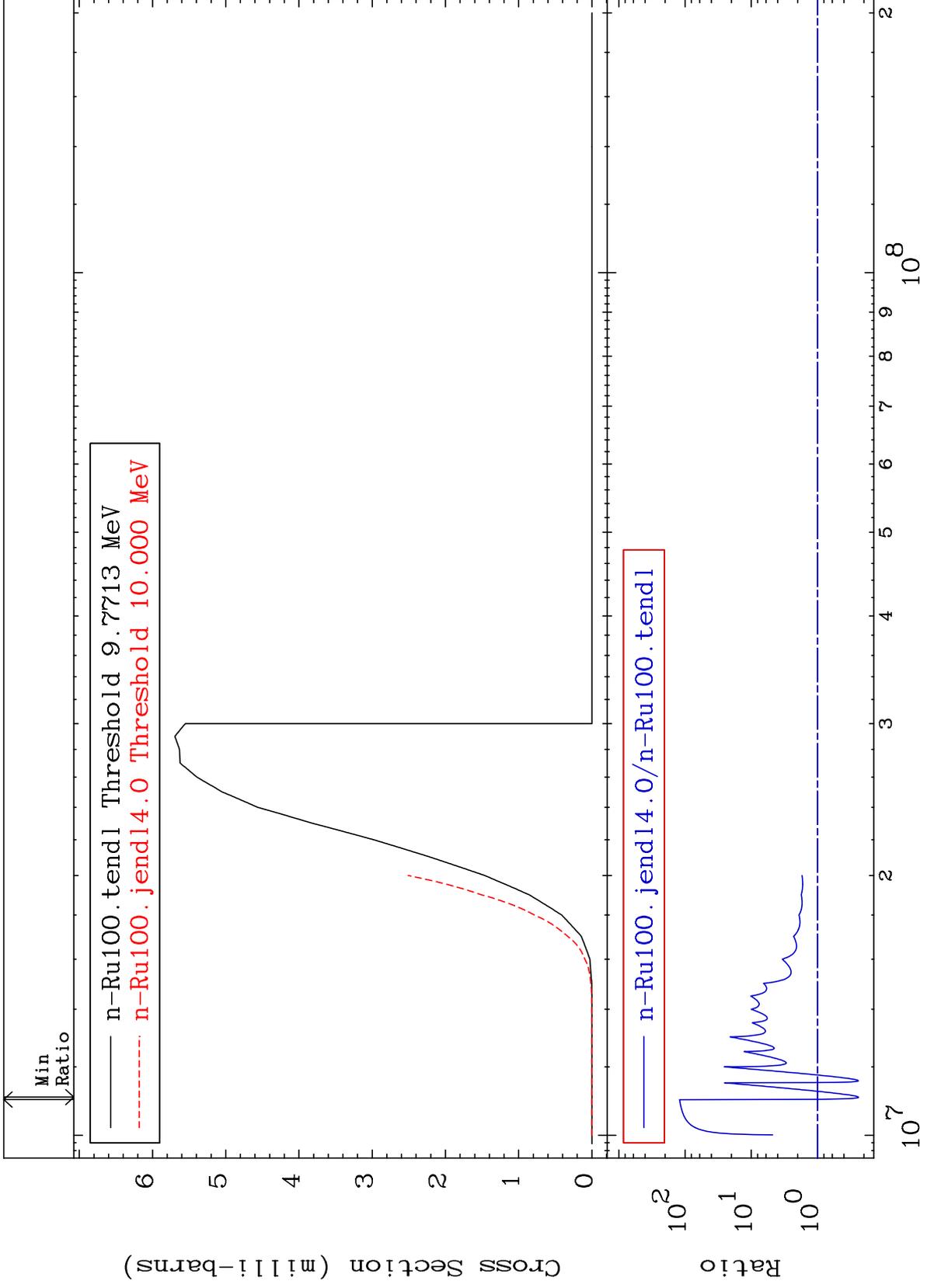
-99.08 To 1158. %



MAT 4437

(n, t)  
Cross Section

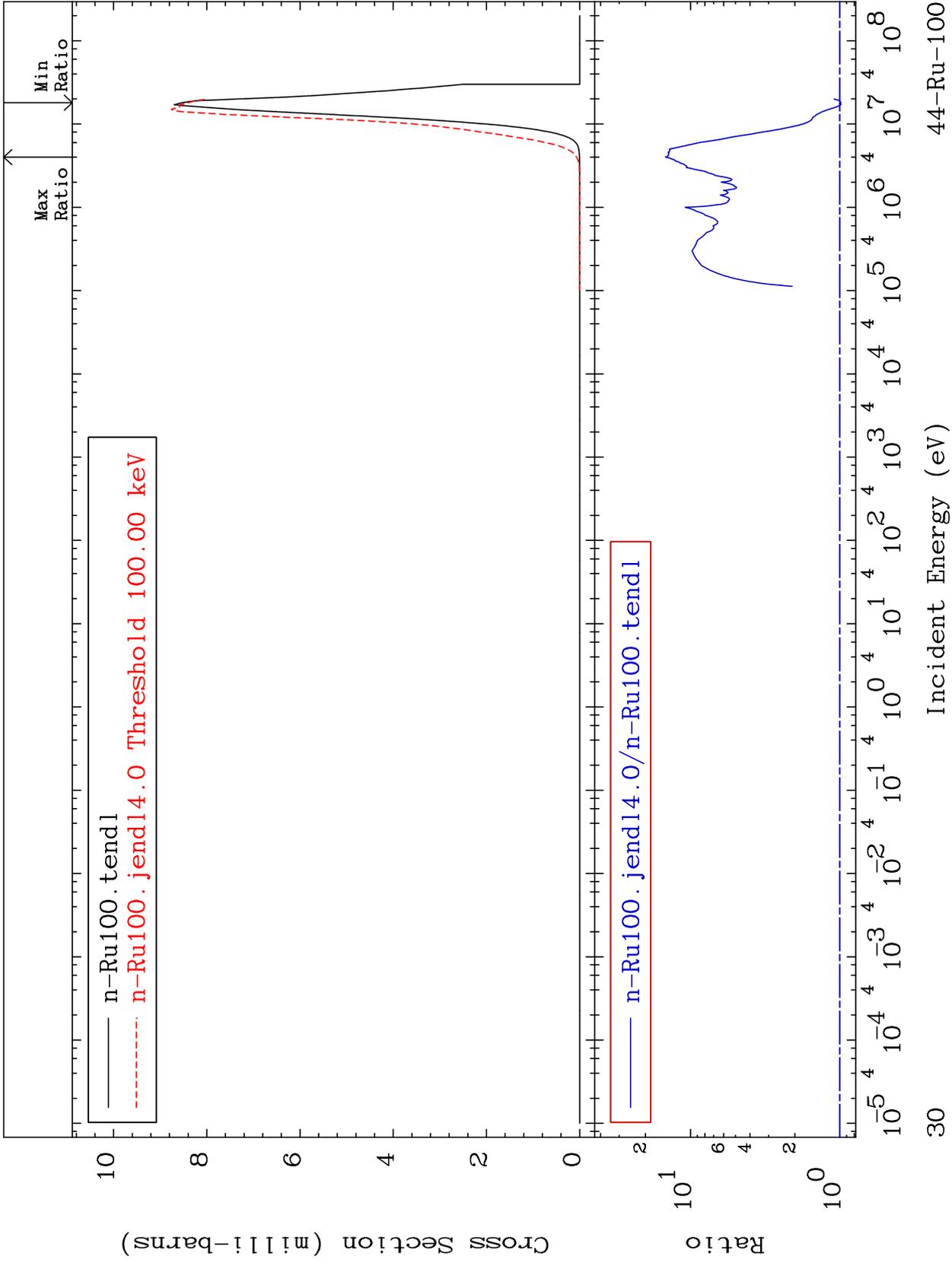
44-Ru-100  
-75.94 To 9999. %

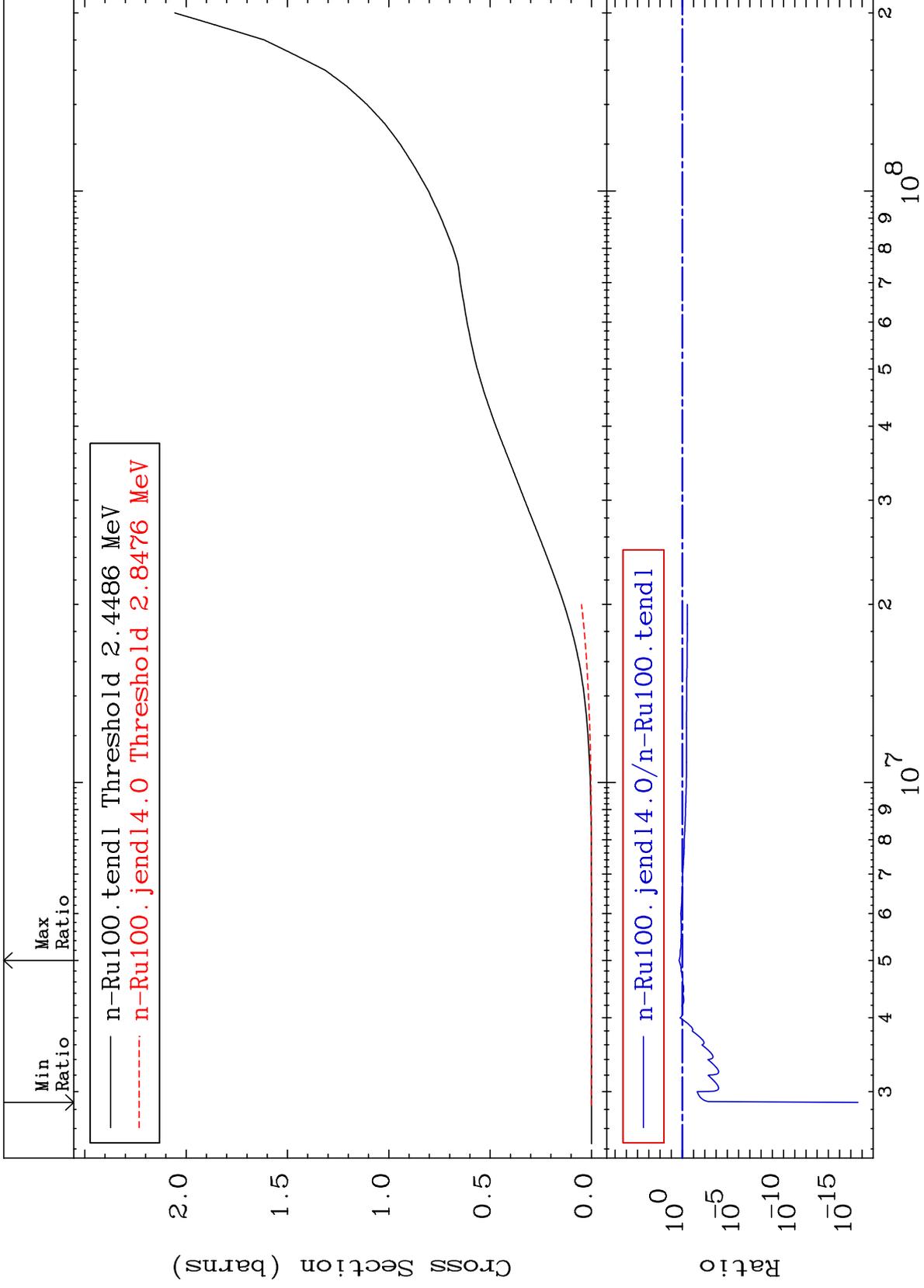


MAT 4437

(n,  $\alpha$ )  
Cross Section

44-Ru-100  
-1.561 To 1370. %

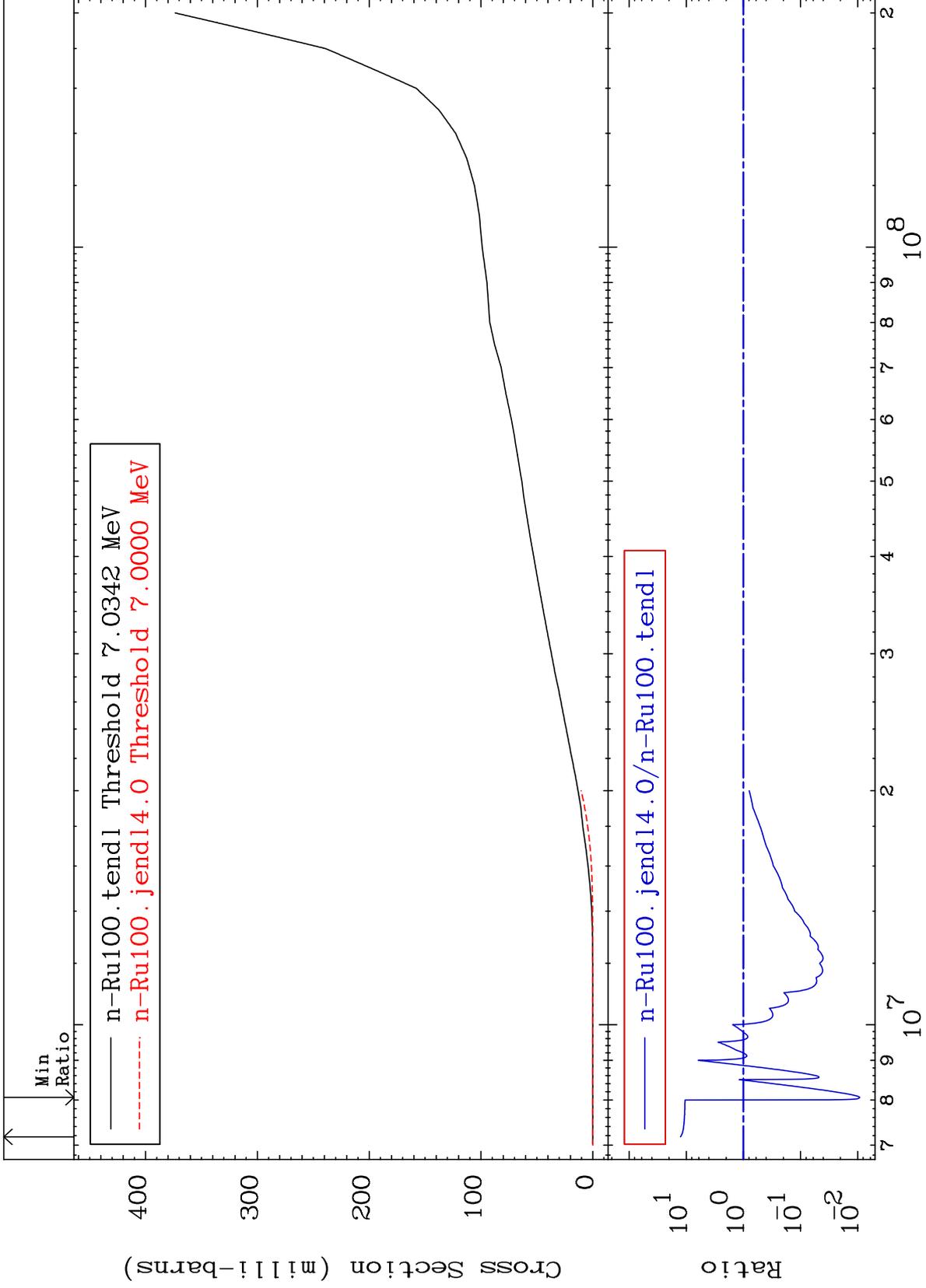




MAT 4437

Deuterium Production  
Cross Section

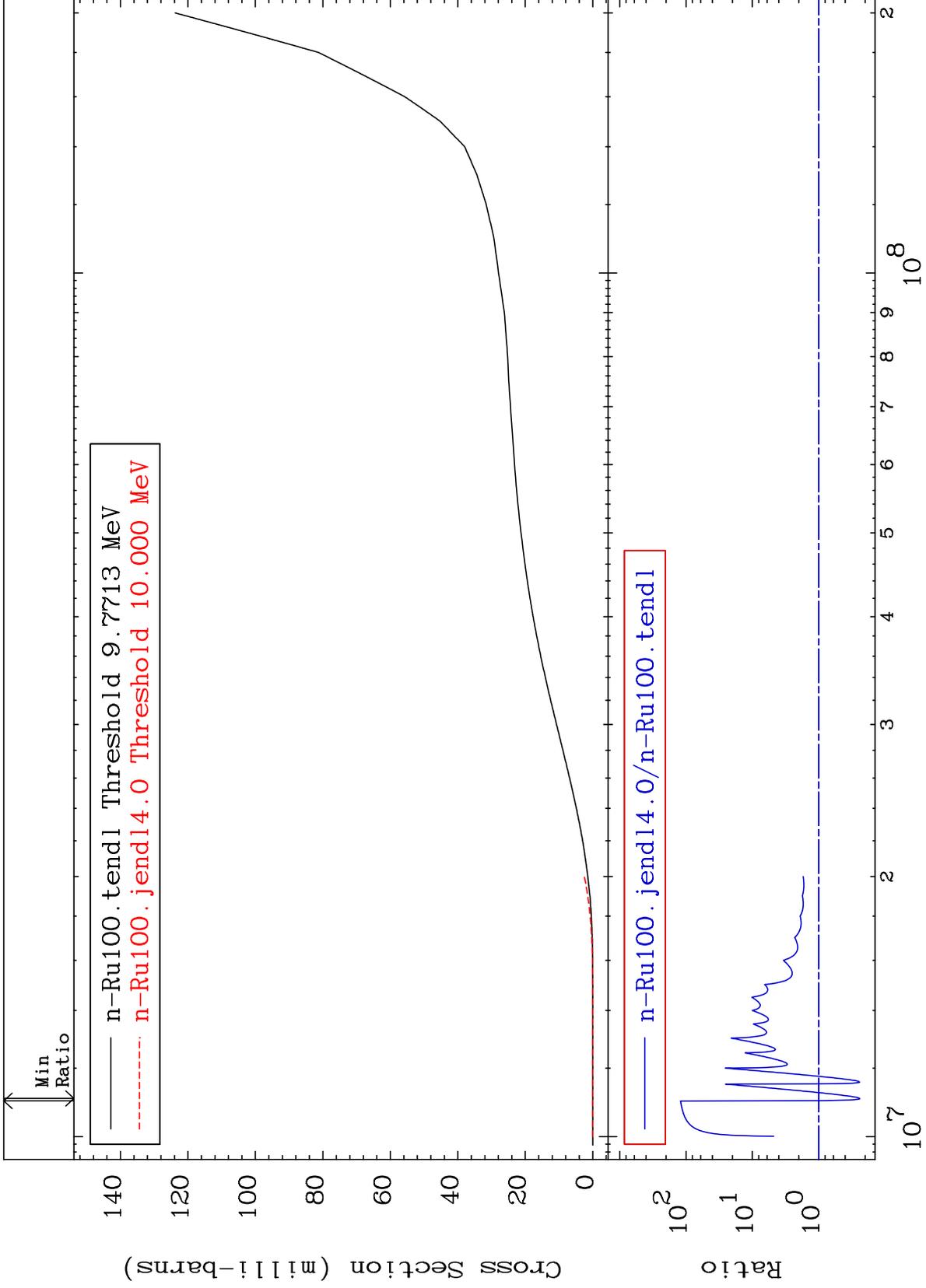
44-Ru-100  
-99.08 To 1158. %



MAT 4437

Tritium Production  
Cross Section

44-Ru-100  
-75.94 To 9999. %



33

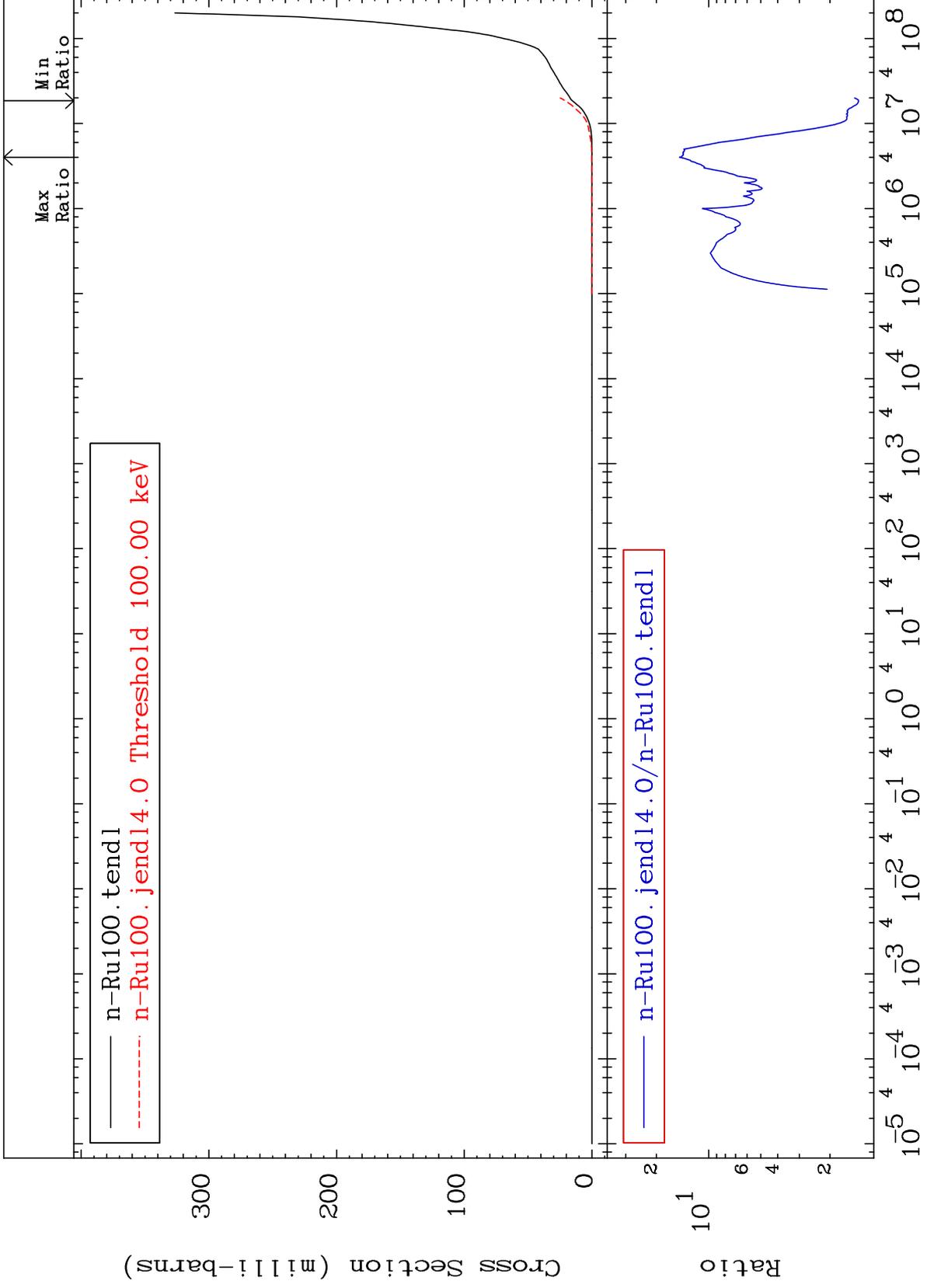
Incident Energy (eV)

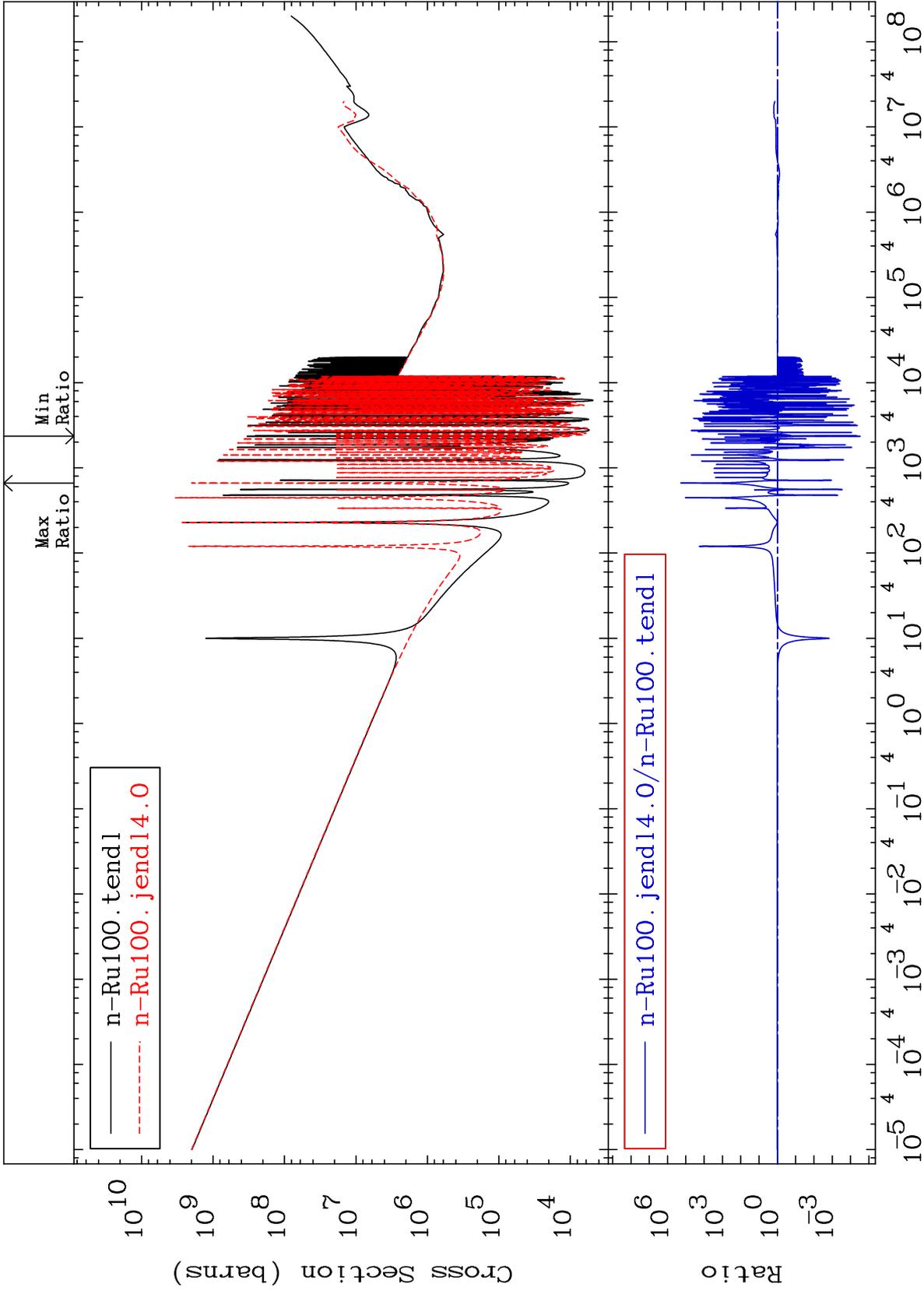
44-Ru-100

MAT 4437

He-4 Production  
Cross Section

44-Ru-100  
36.99 To 1370. %

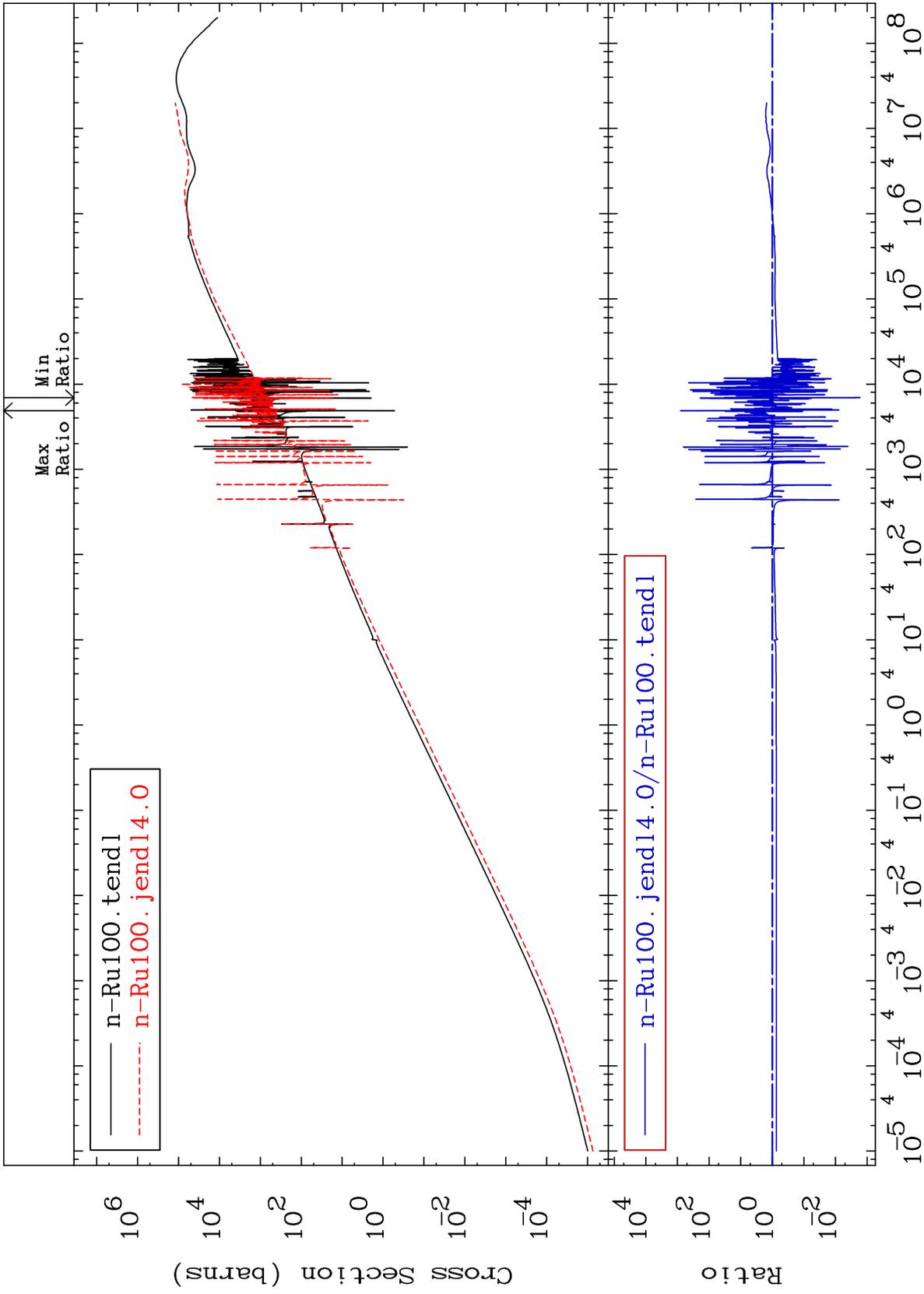


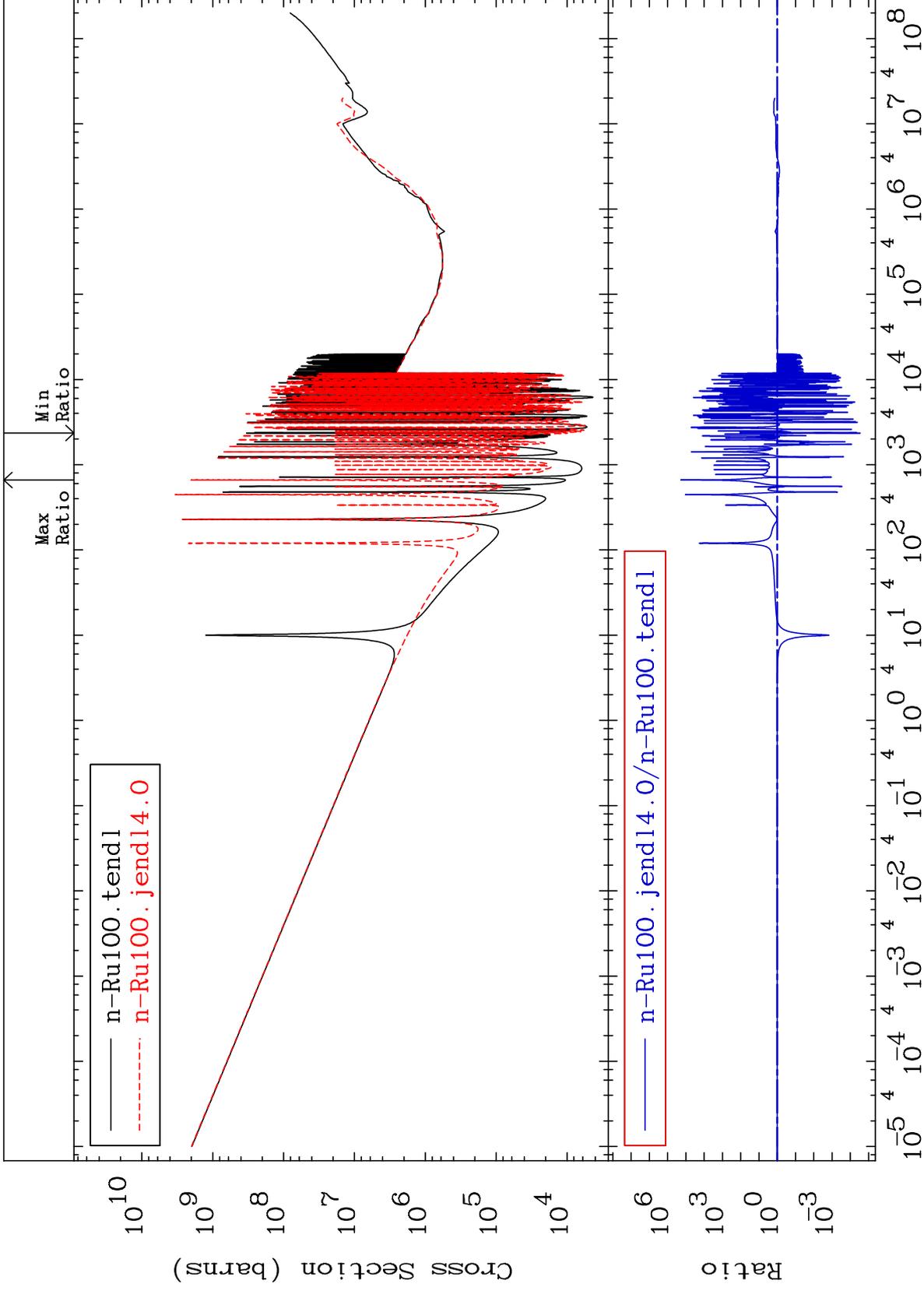


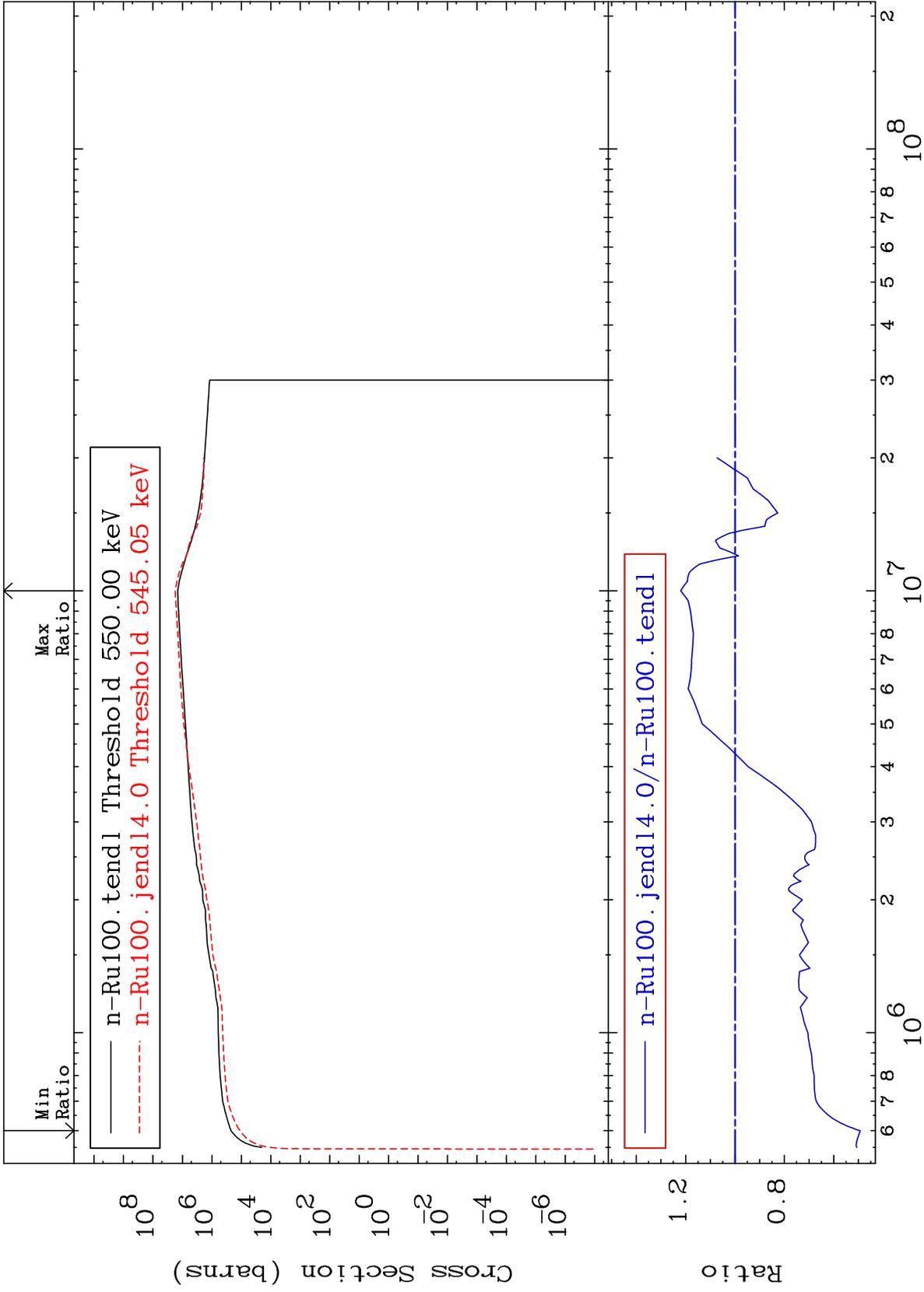
MAT 4437

Kerma elastic  
Cross Section

44-Ru-100  
-99.83 To 9999. %



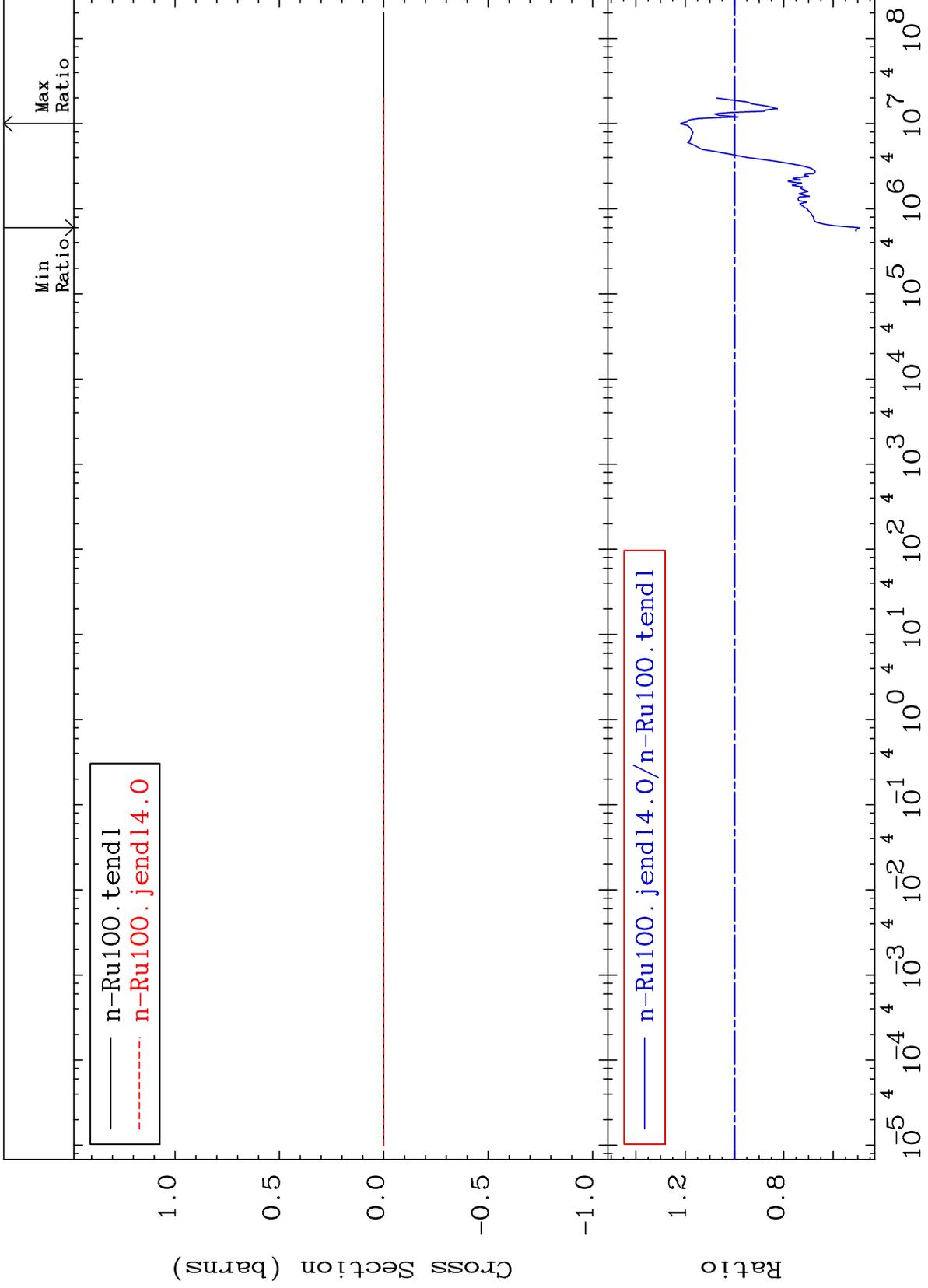




MAT 4437

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

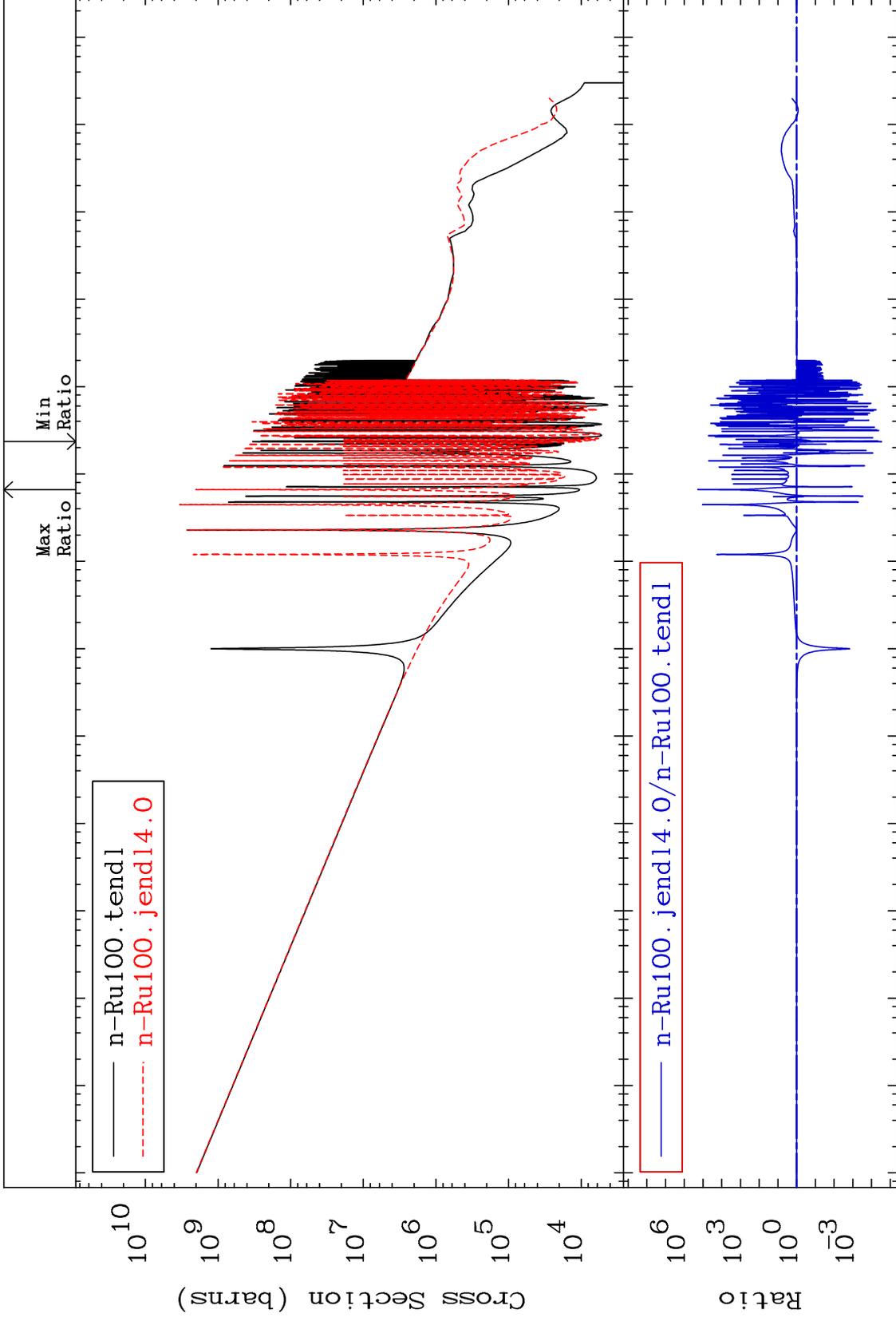
44-Ru-100  
-50.68 To 21.97 %

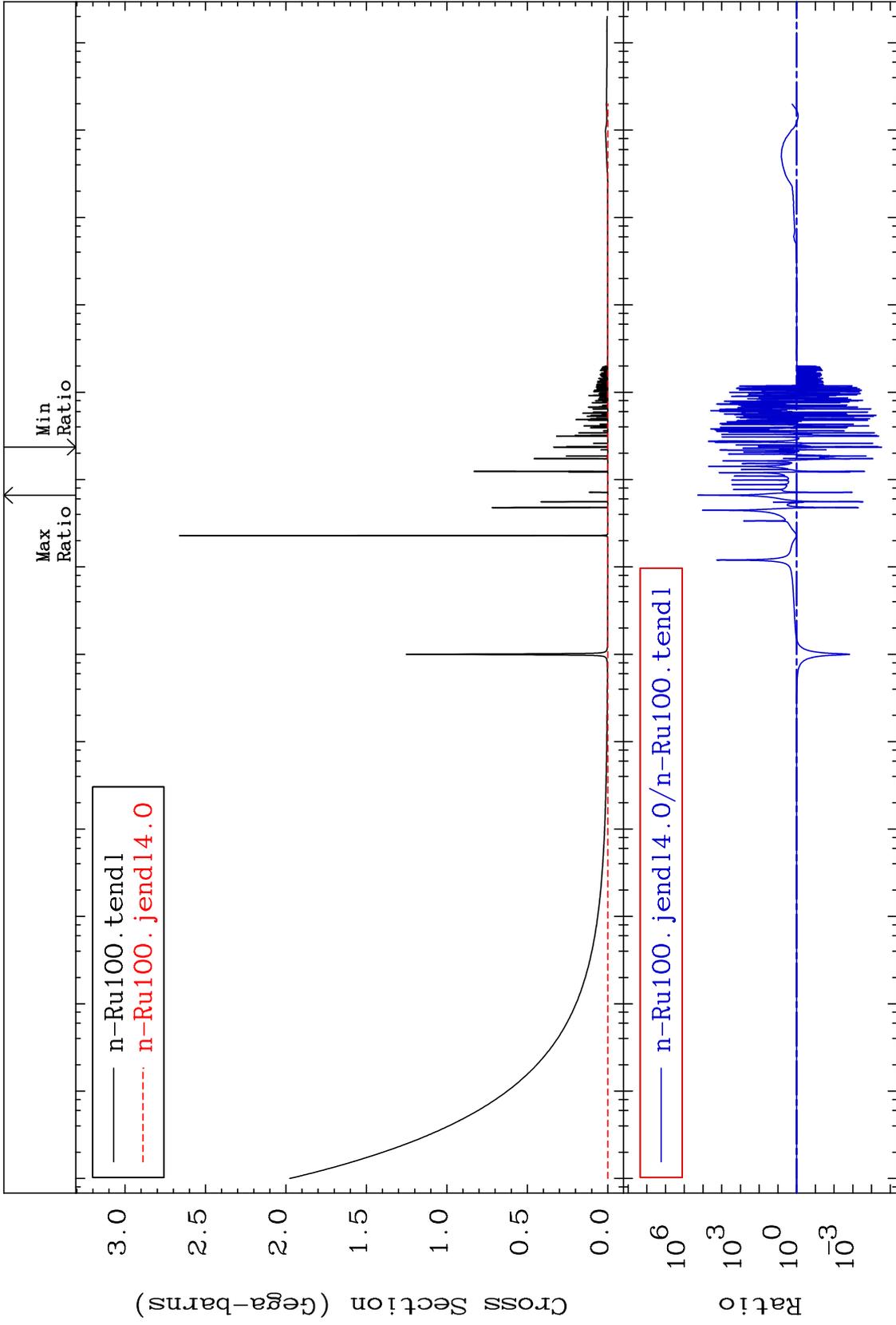


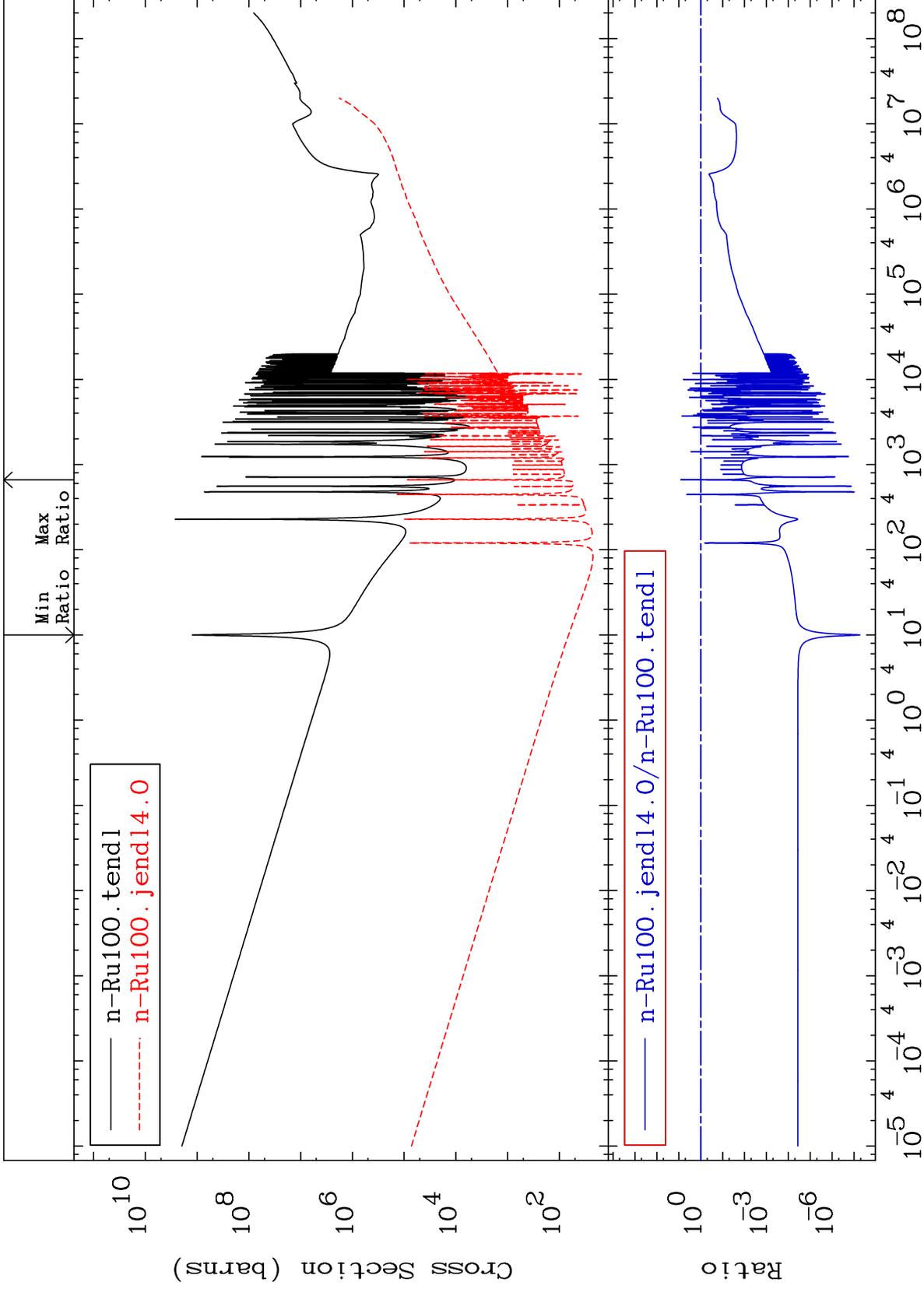
MAT 4437

Kerma capture (mt102)  
Cross Section

44-Ru-100  
-100.0 To 9999. %



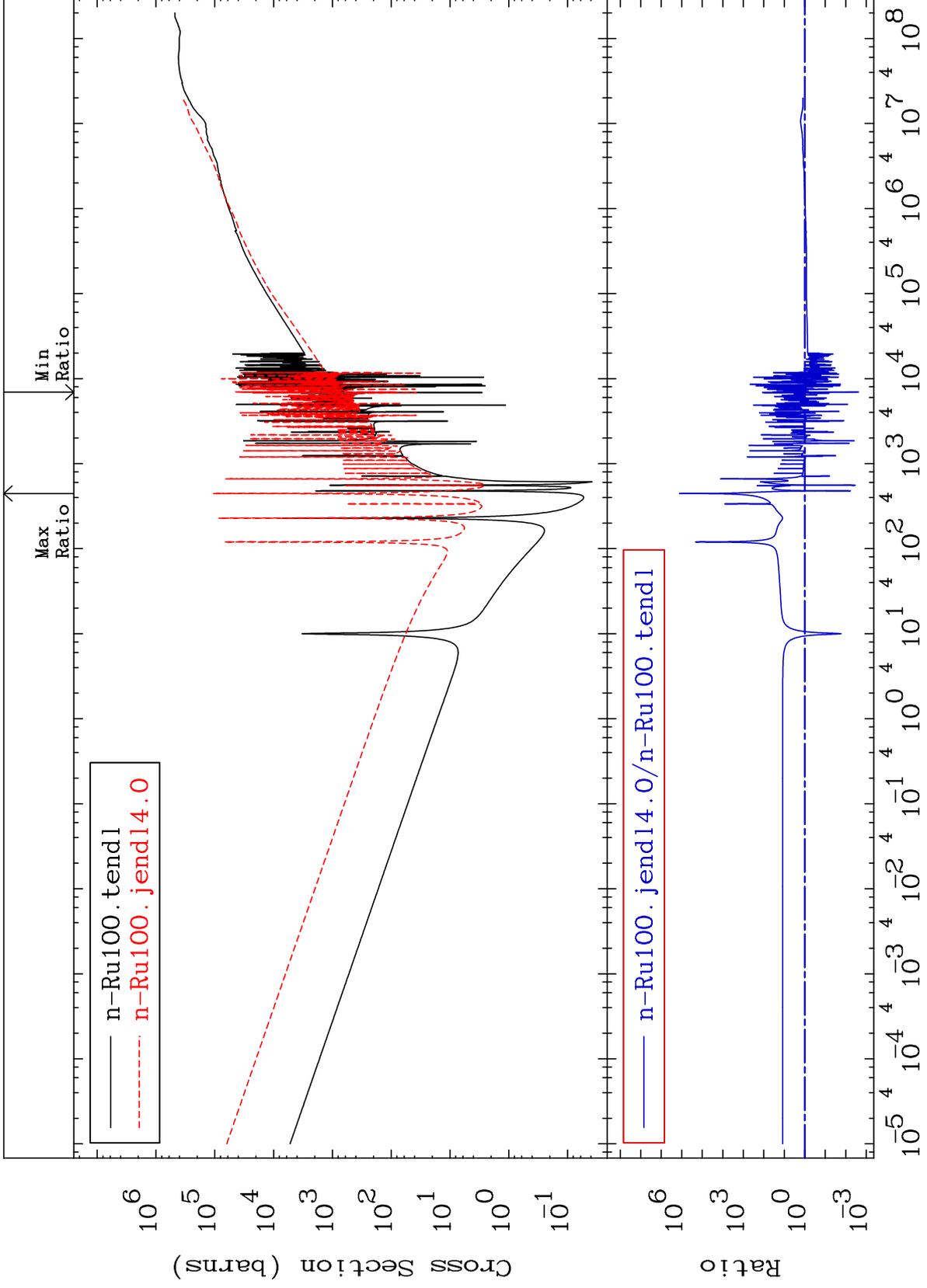




MAT 4437

Dpa total (eV-barns)  
Cross Section

44-Ru-100  
-99.76 To 9999. %



MAT 4437

Dpa elastic (mt2)  
Cross Section

44-Ru-100  
-99.83 To 9999. %

