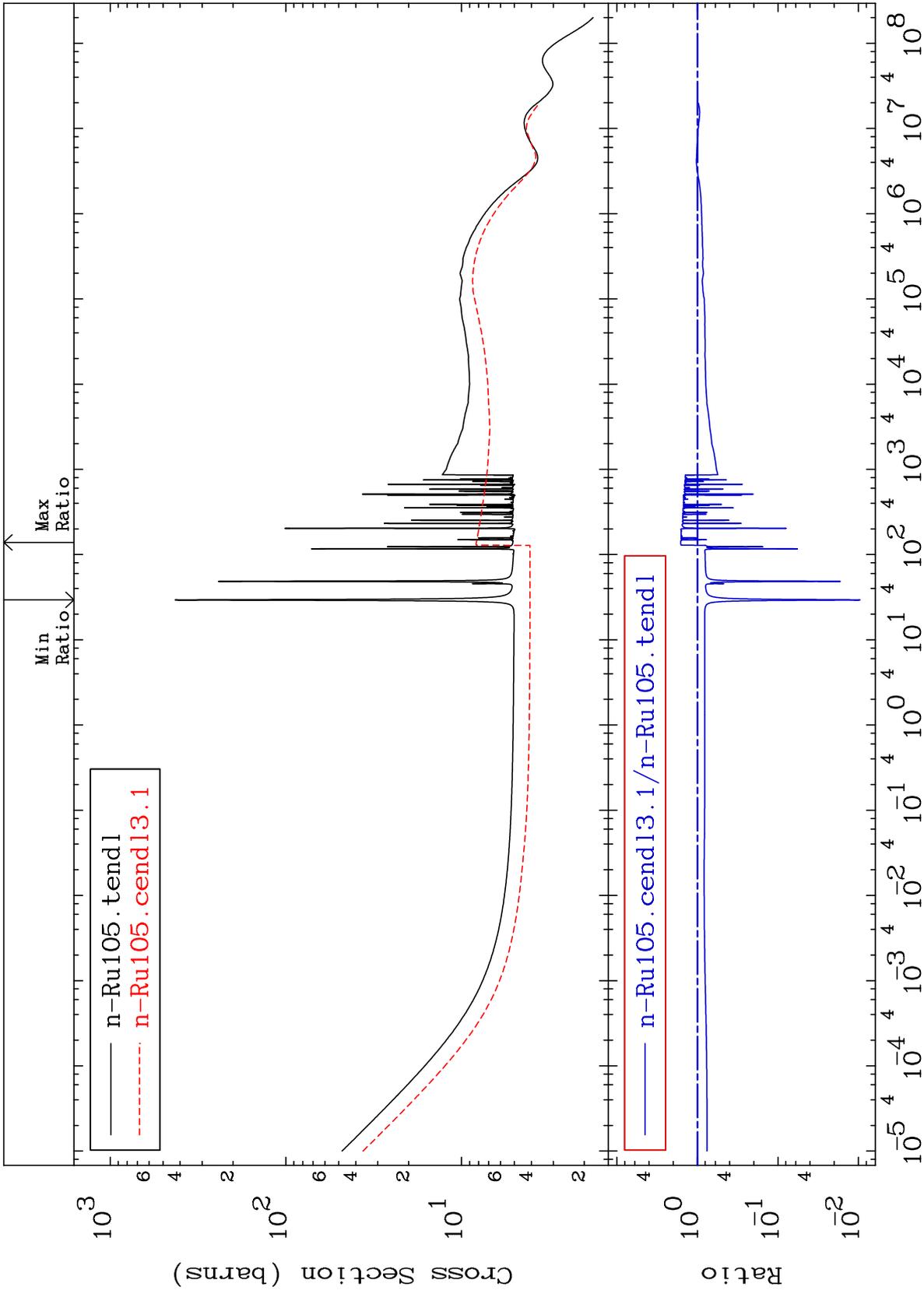


MAT 4452

44-Ru-105

-99.05 To 61.08 %

Total  
Cross Section



Incident Energy (eV)

44-Ru-105

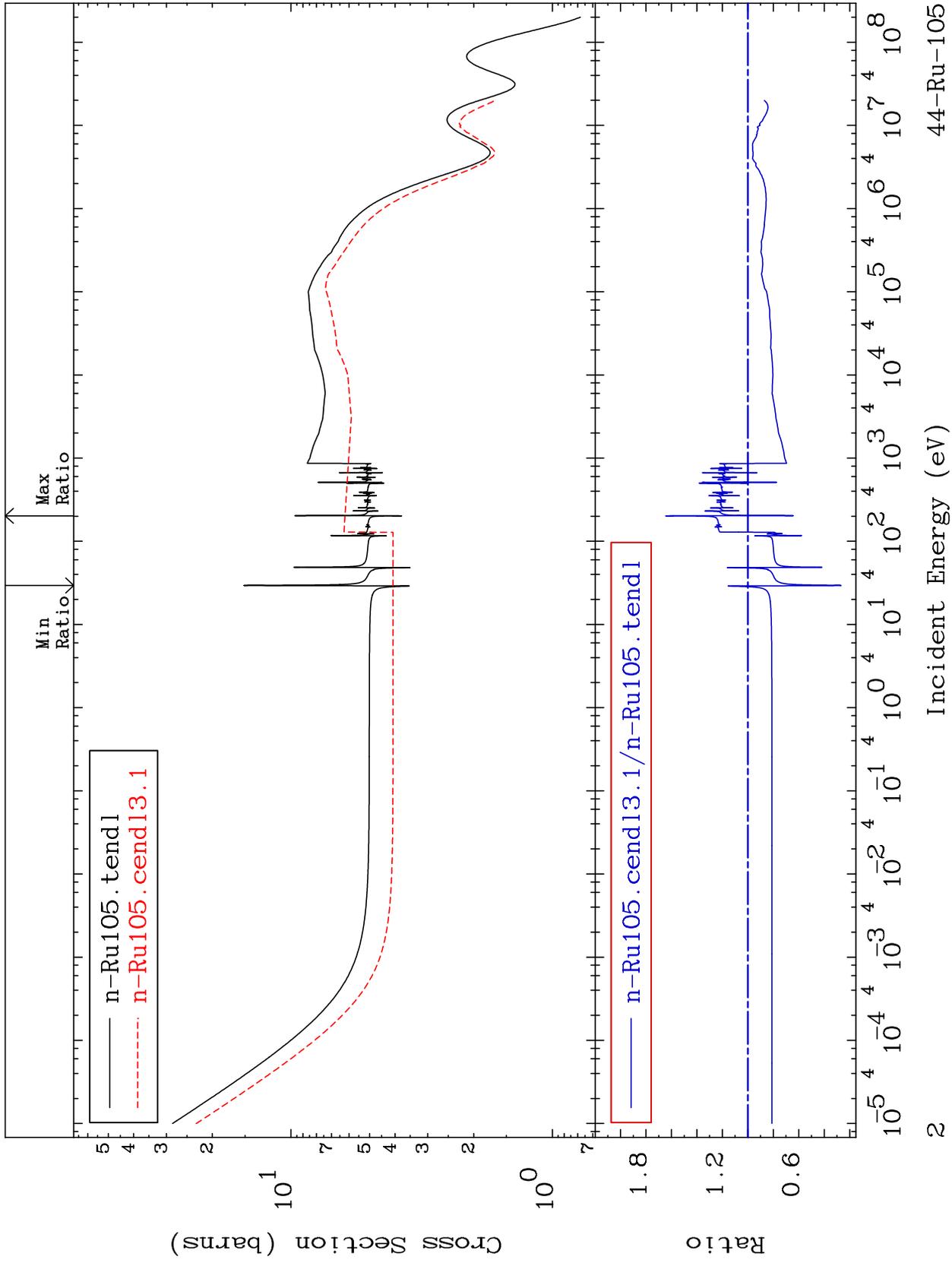
MAT 4452

Elastic

44-Ru-105

Cross Section

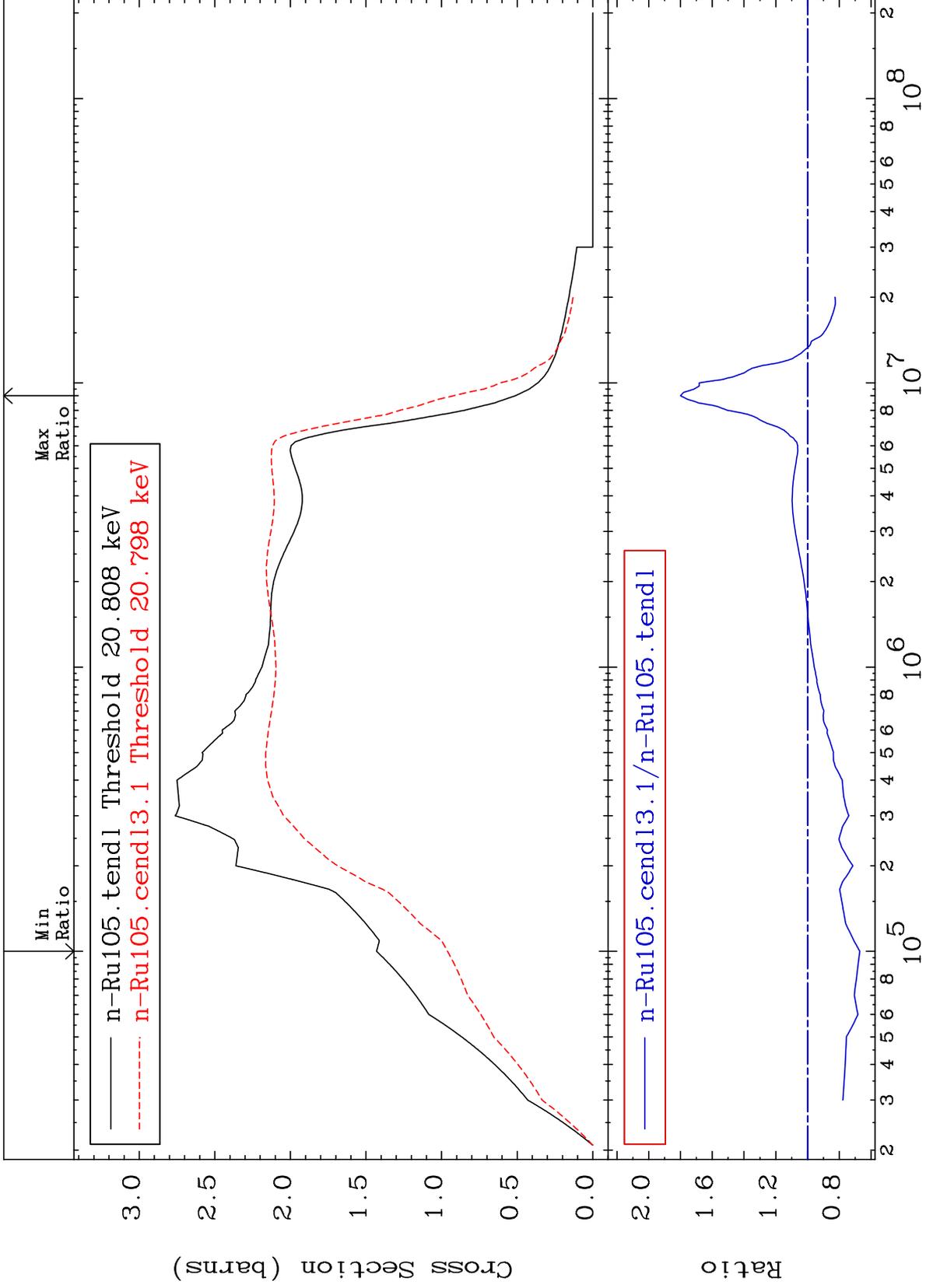
-73.17 To 64.29 %



MAT 4452

Inelastic  
Cross Section

44-Ru-105  
-32.87 To 79.97 %



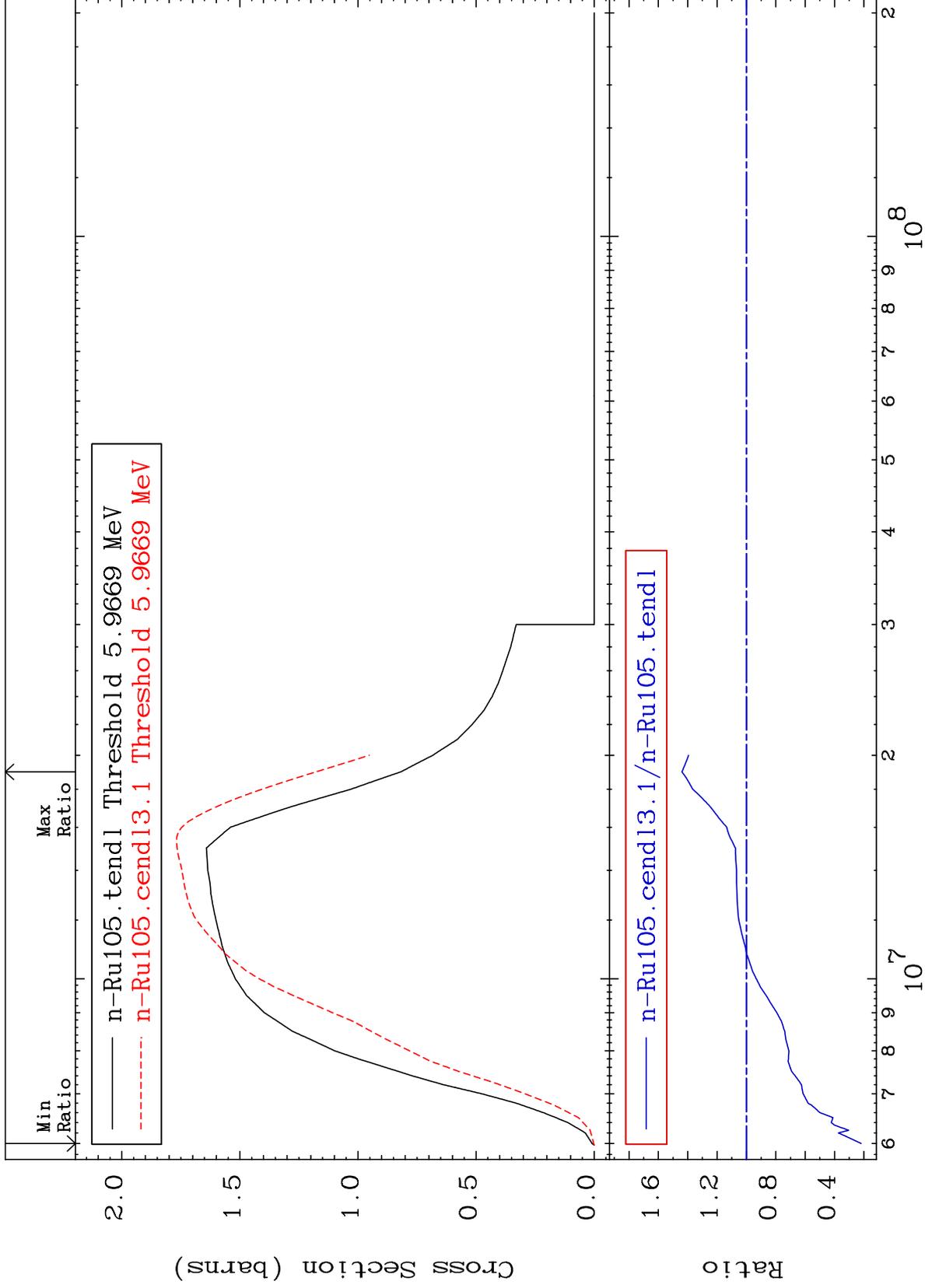
MAT 4452

(n,2n)

44-Ru-105

Cross Section

-78.11 To 43.95 %



4

Incident Energy (eV)

44-Ru-105

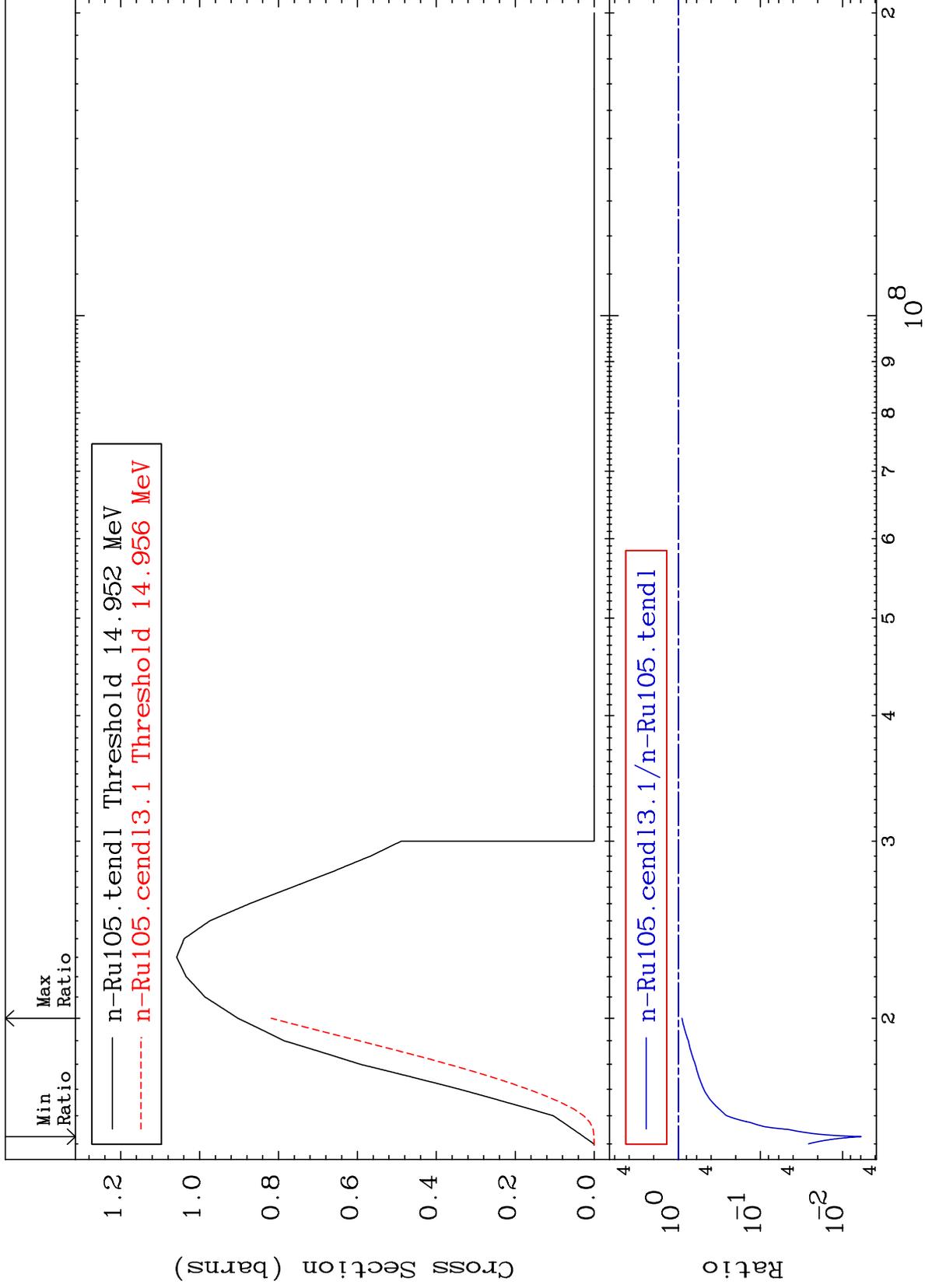
MAT 4452

(n,3n)

44-Ru-105

Cross Section

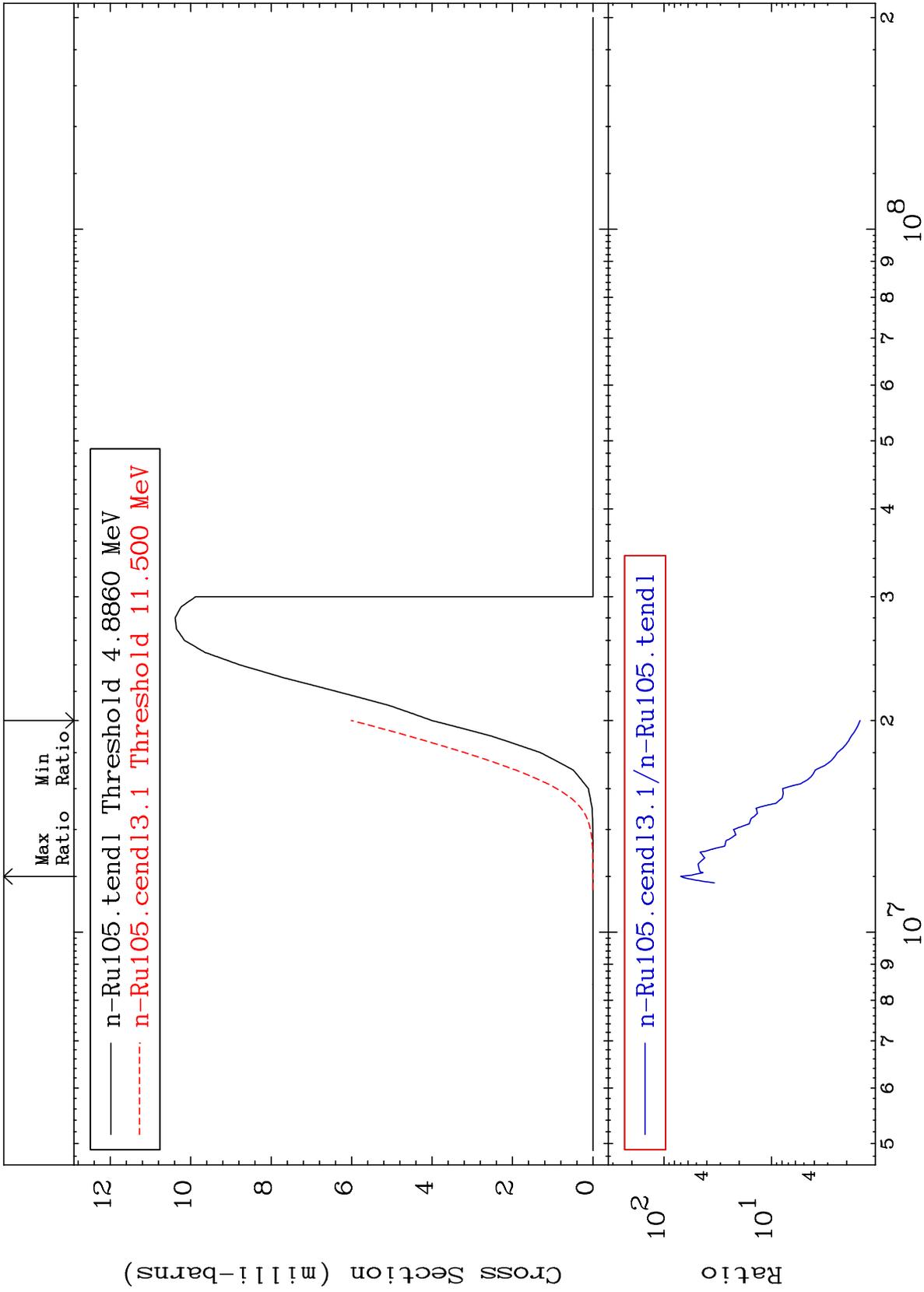
-99.41 To -9.367%



MAT 4452

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

44-Ru-105  
50.00 To 6897. %



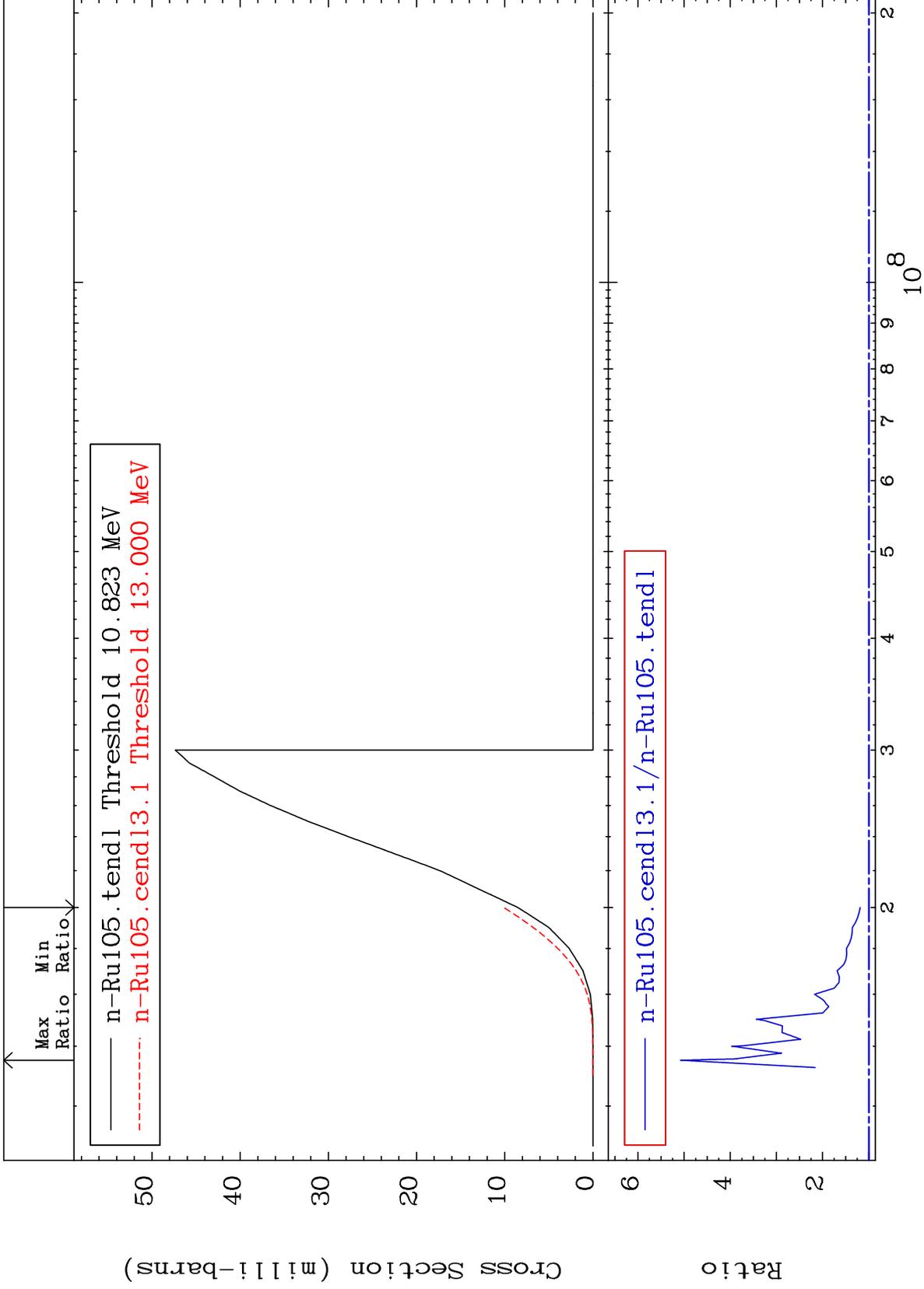
6

44-Ru-105

MAT 4452

(n, n') p  
Cross Section

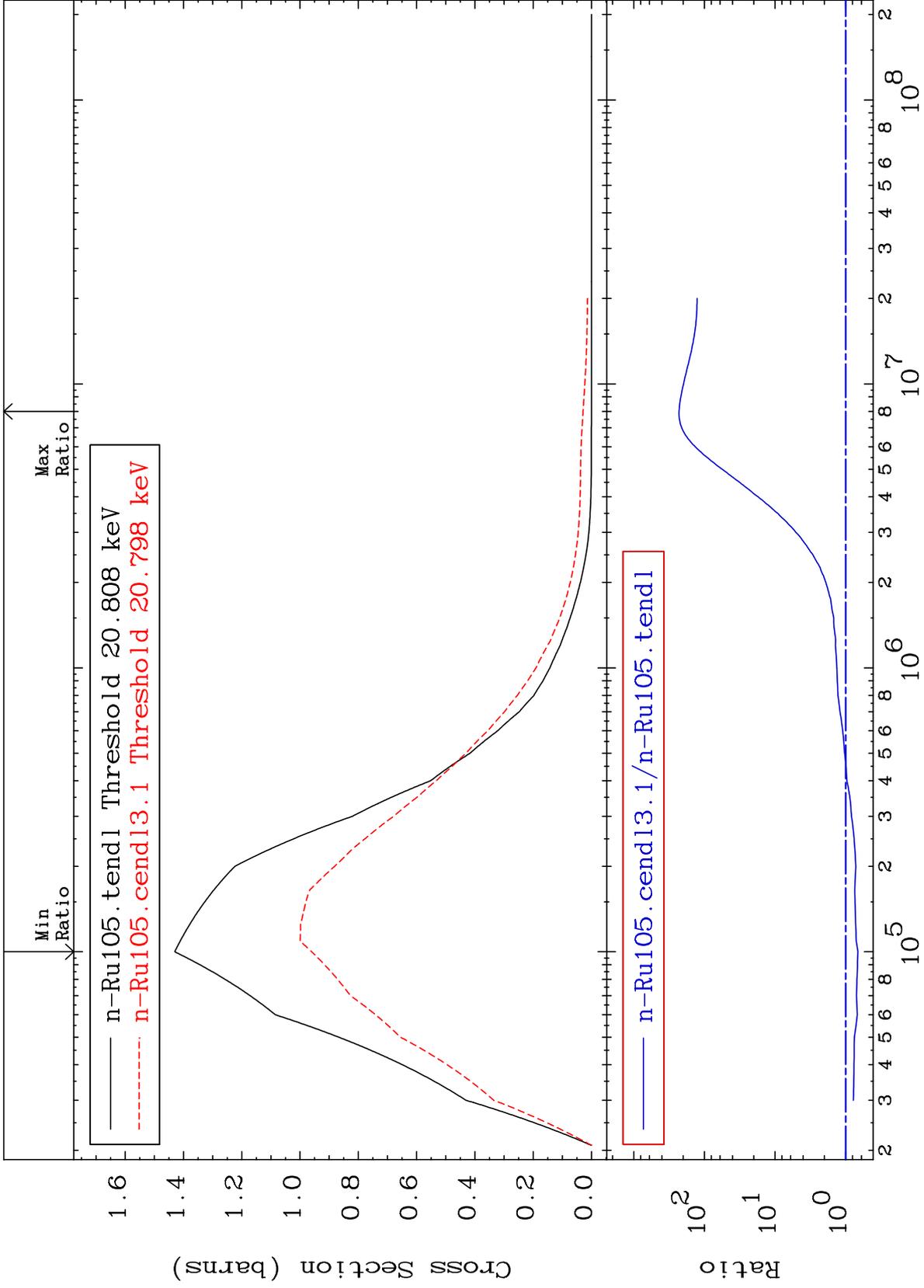
44-Ru-105  
18.78 To 407.3 %



MAT 4452

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

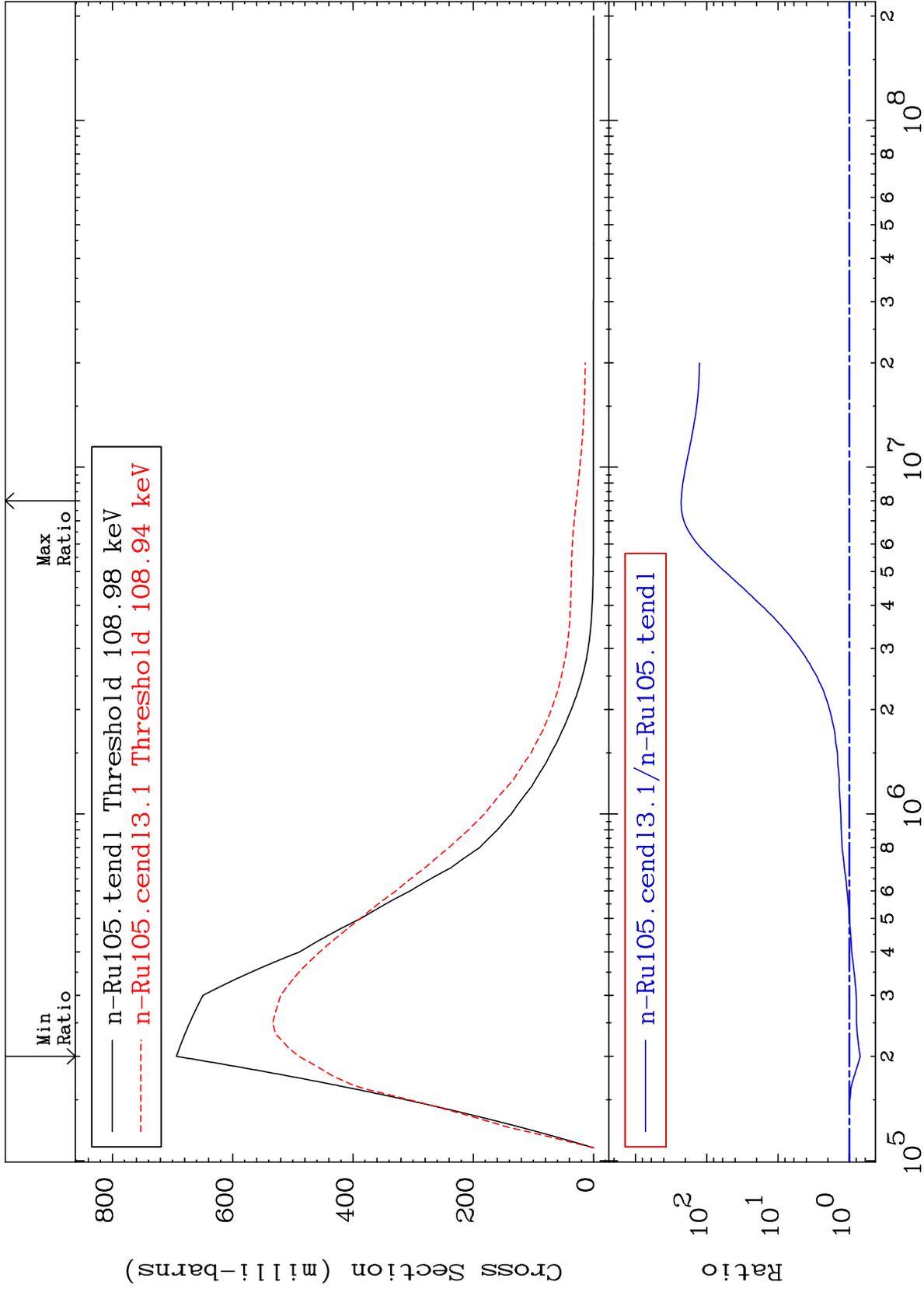
44-Ru-105  
-32.87 To 9999. %



MAT 4452

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

44-Ru-105  
-29.38 To 9999. %



9

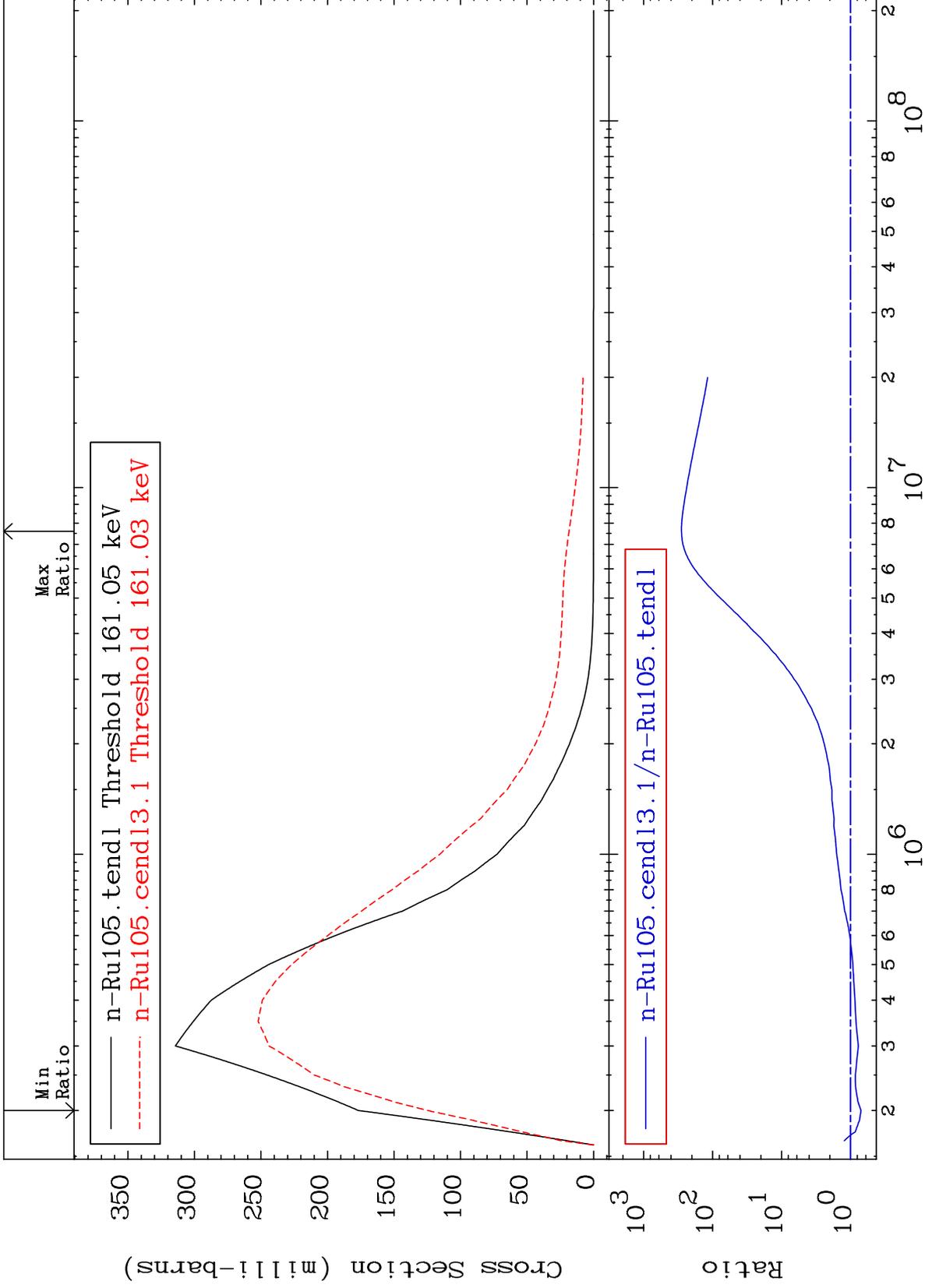
Incident Energy (eV)

44-Ru-105

MAT 4452

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

44-Ru-105  
-29.33 To 9999. %



10

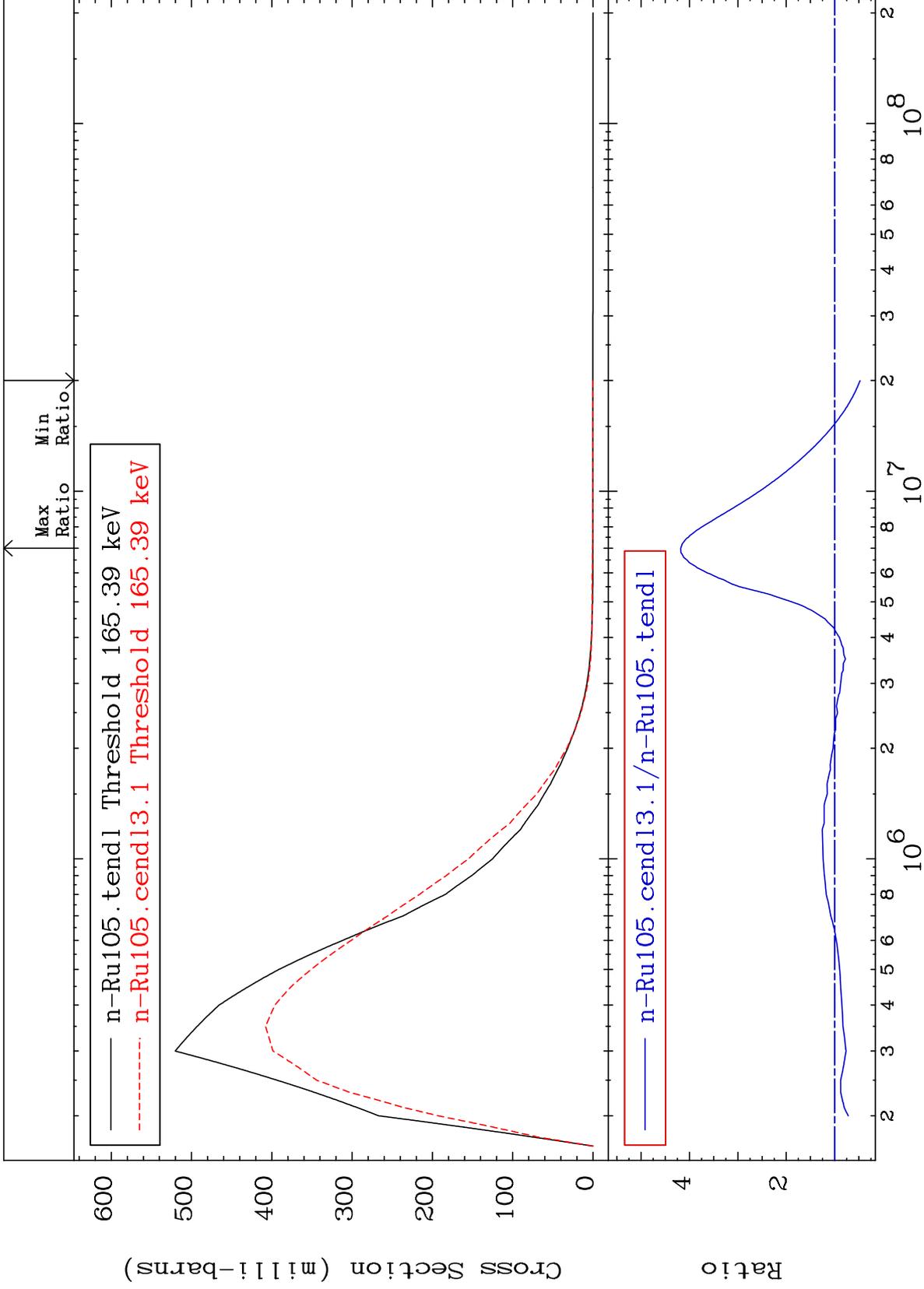
Incident Energy (eV)

44-Ru-105

MAT 4452

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

44-Ru-105  
-52.51 To 318.0 %



11

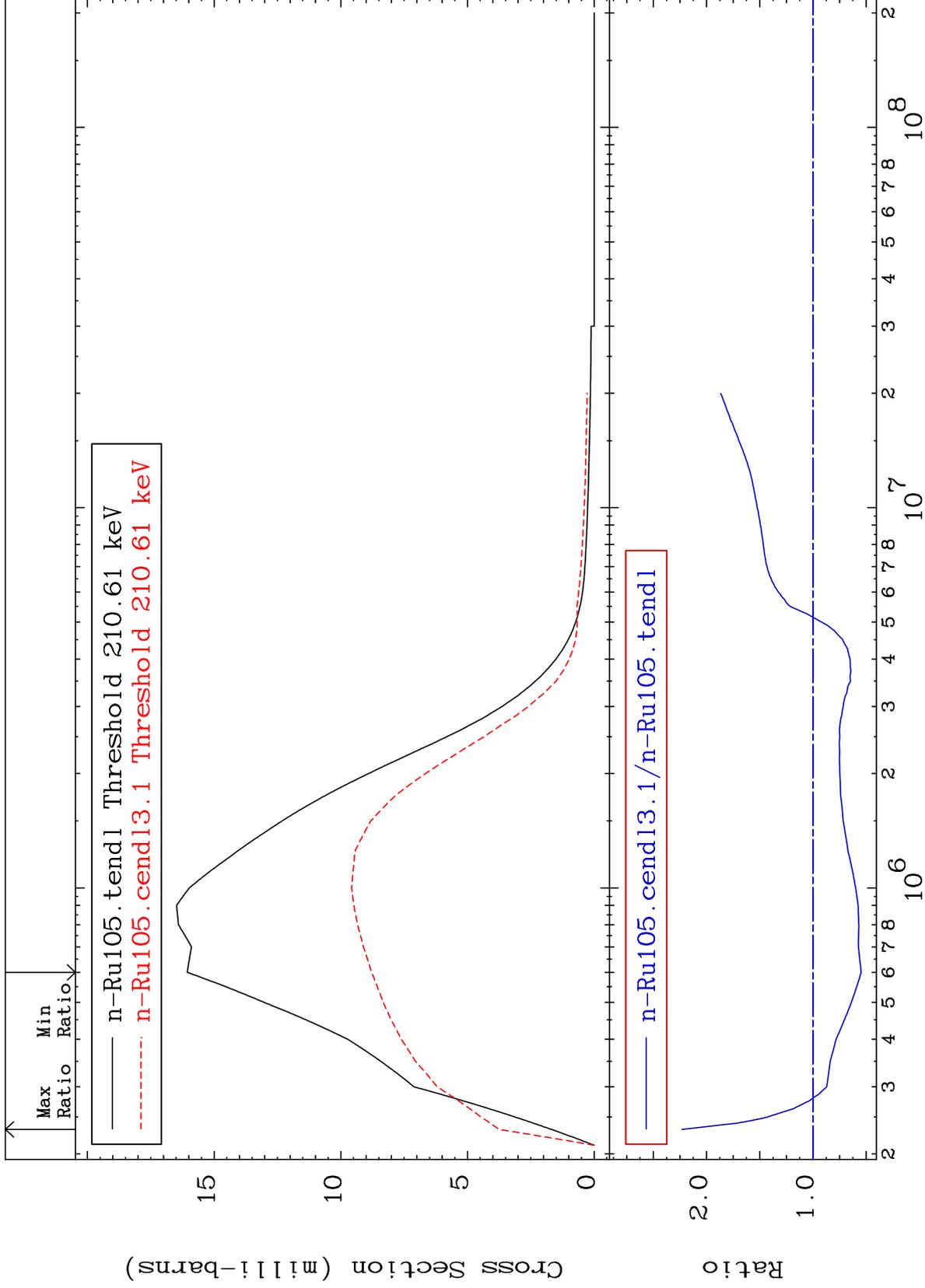
Incident Energy (eV)

44-Ru-105

MAT 4452

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

44-Ru-105  
-45.29 To 123.1 %



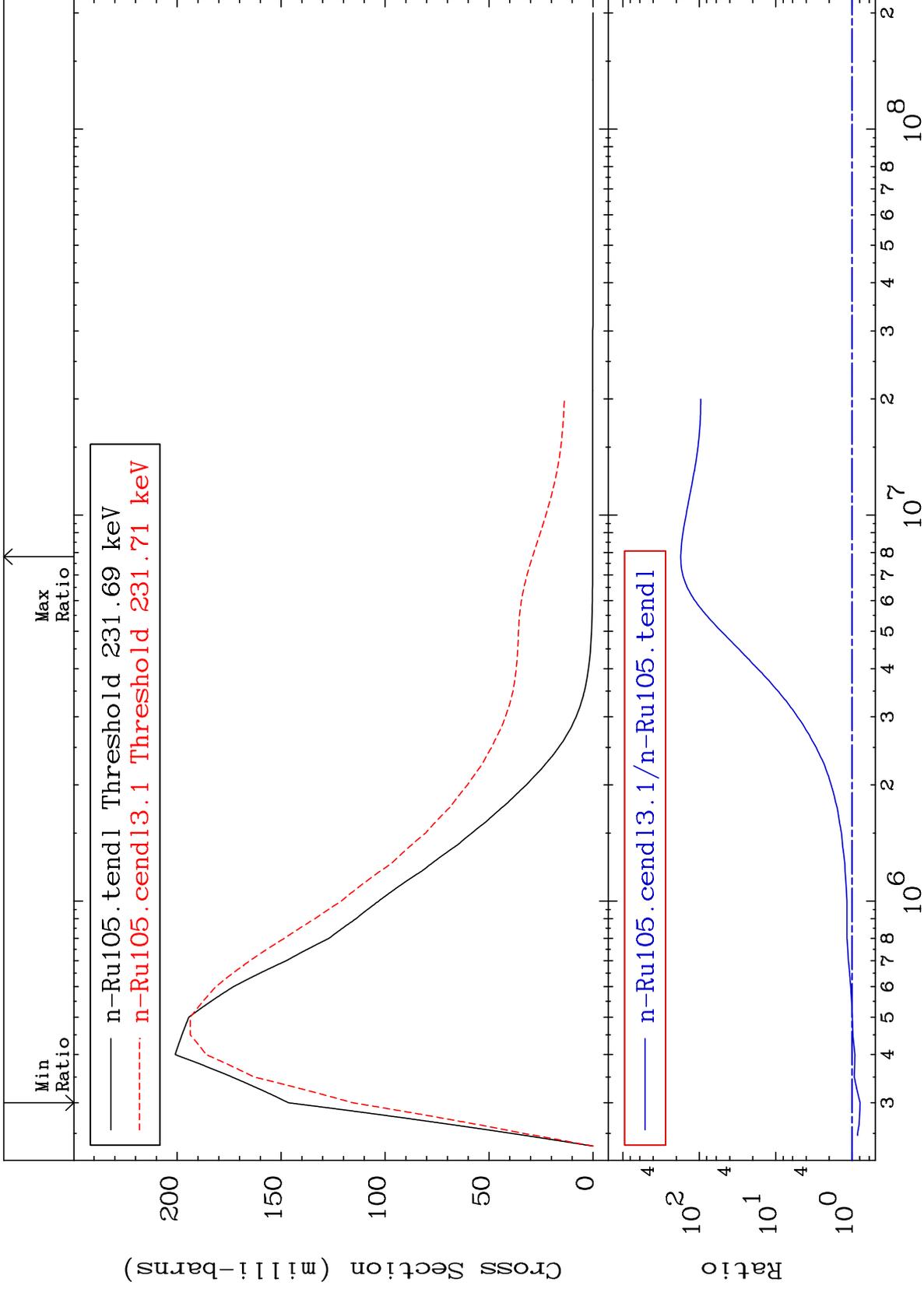
12

44-Ru-105

MAT 4452

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

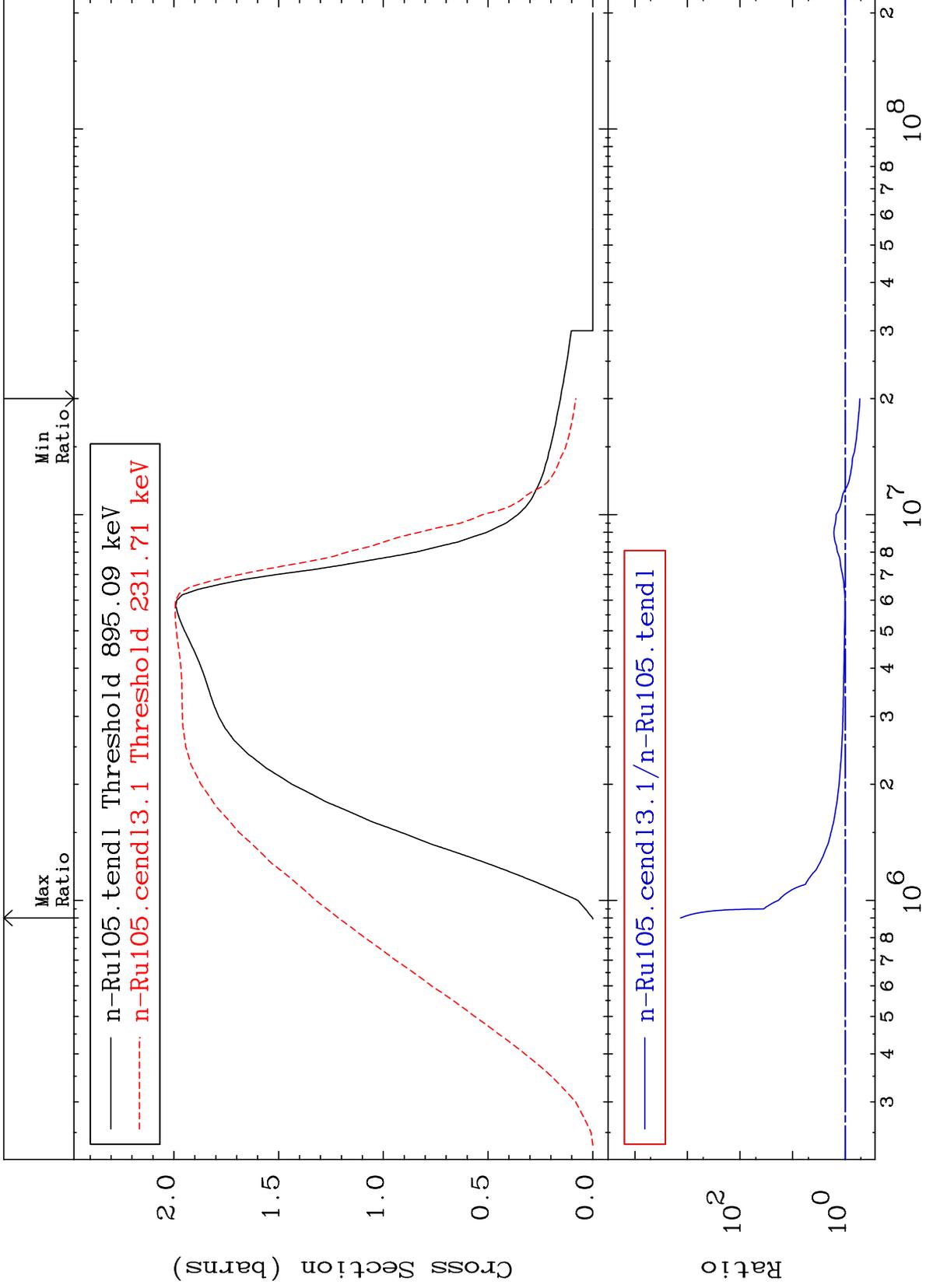
44-Ru-105  
-21.12 To 9999. %



MAT 4452

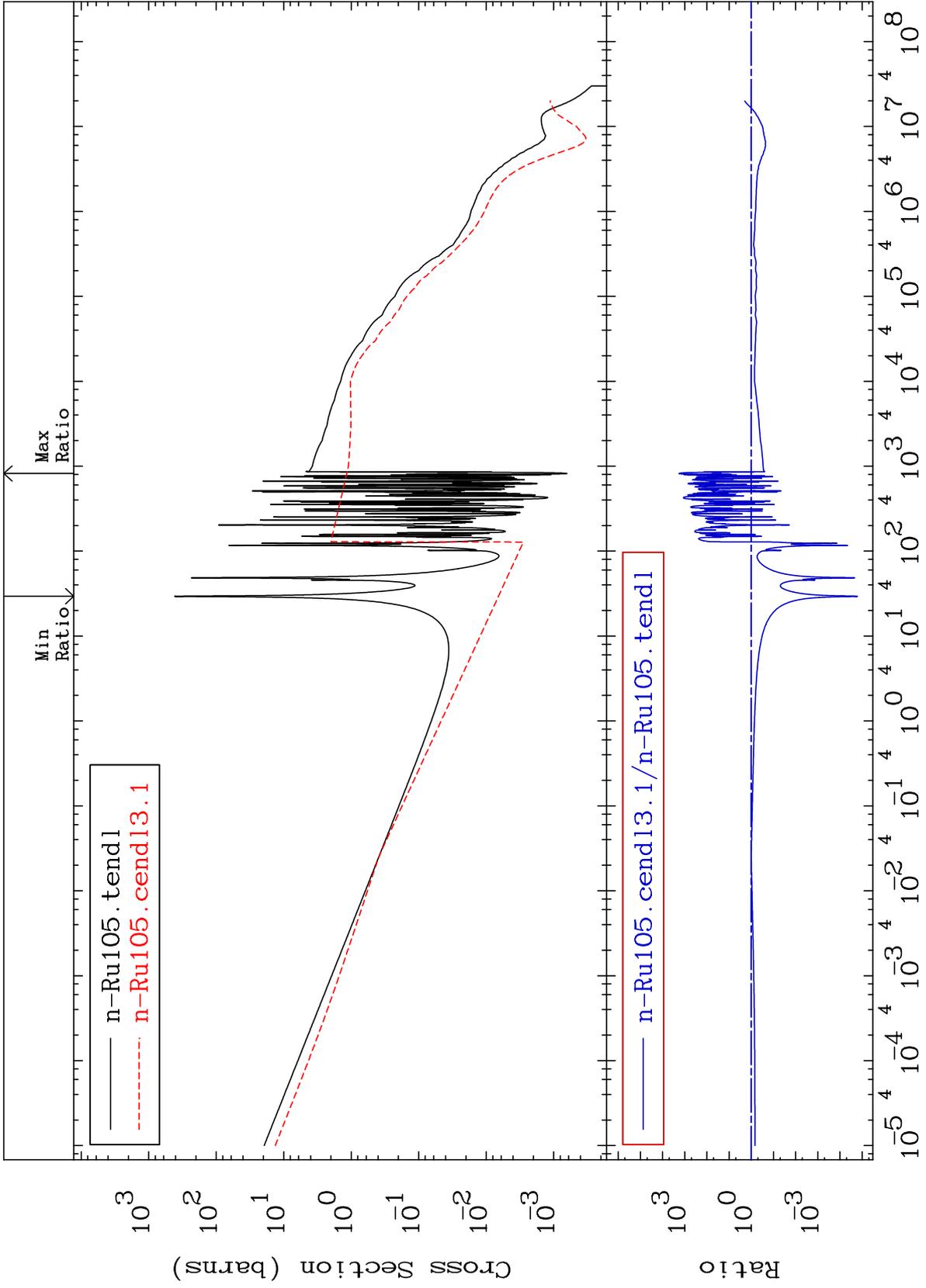
(n, n') Continuum  
Cross Section

44-Ru-105  
-47.52 To 9999. %



MAT 4452

(n,  $\gamma$ )  
Cross Section  
44-Ru-105  
-100.0 To 9999. %



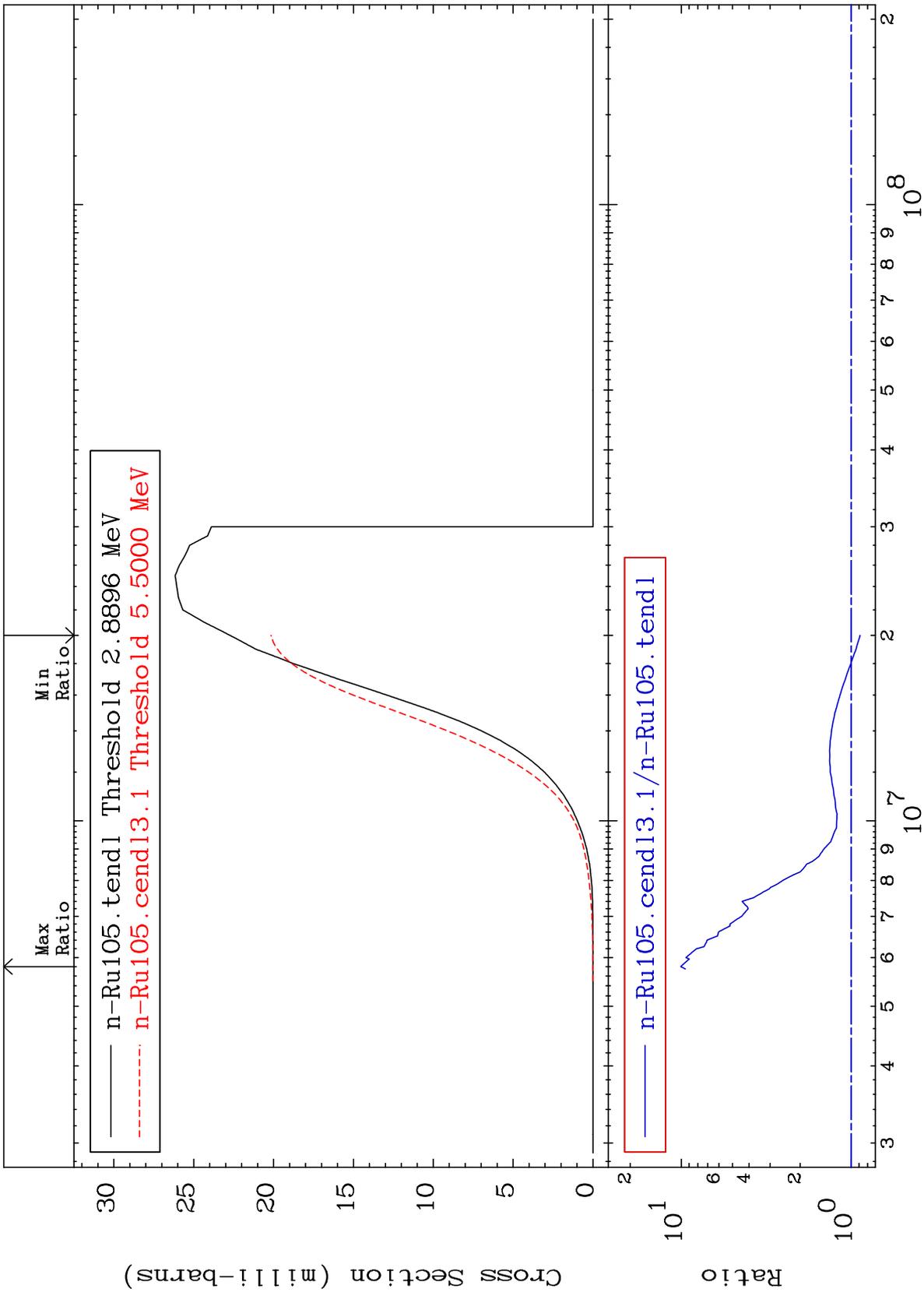
MAT 4452

(n,p)

44-Ru-105

Cross Section

-11.32 To 906.9 %



16

44-Ru-105

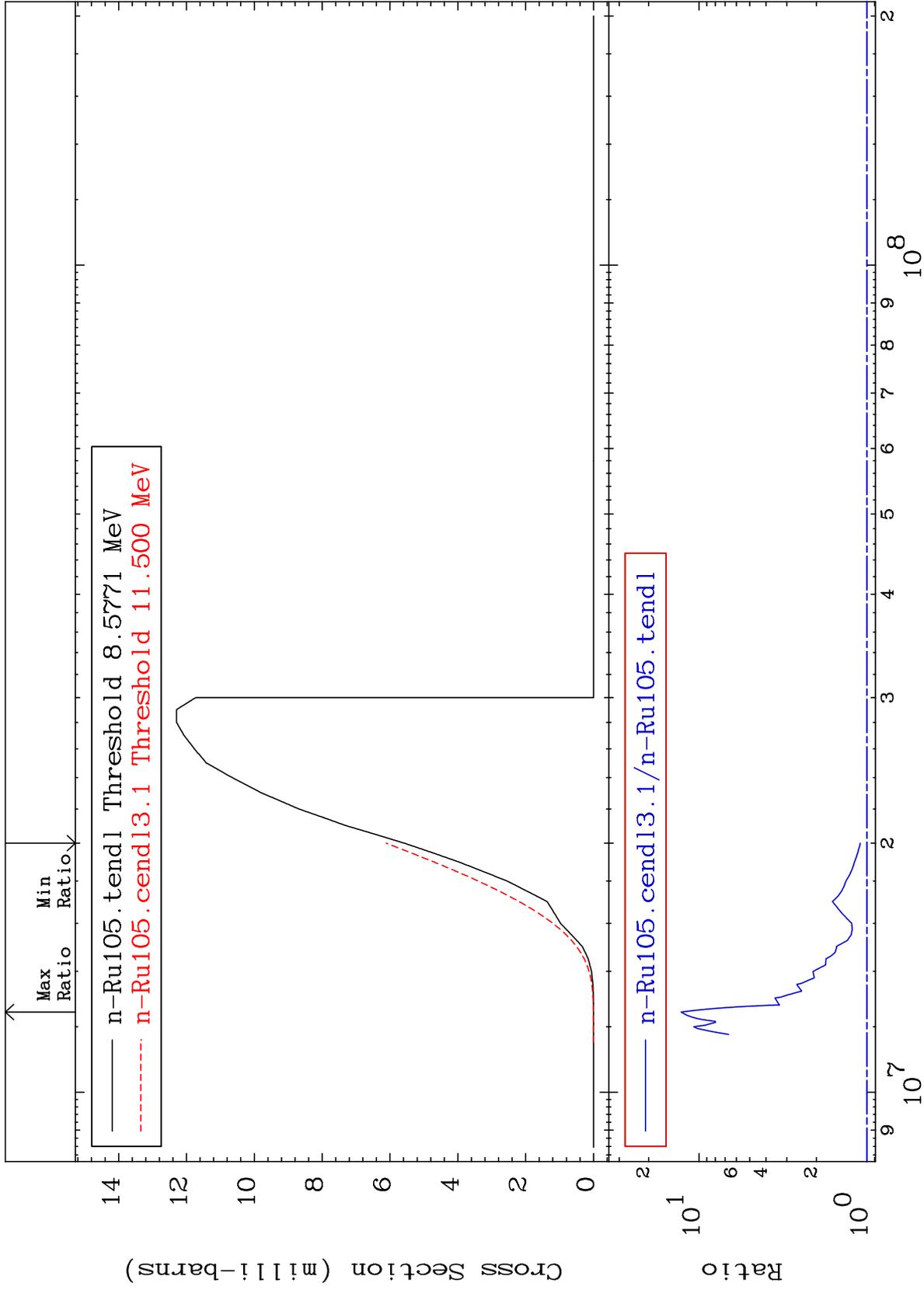
MAT 4452

(n, d)

44-Ru-105

Cross Section

9.624 To 1180. %



17

44-Ru-105

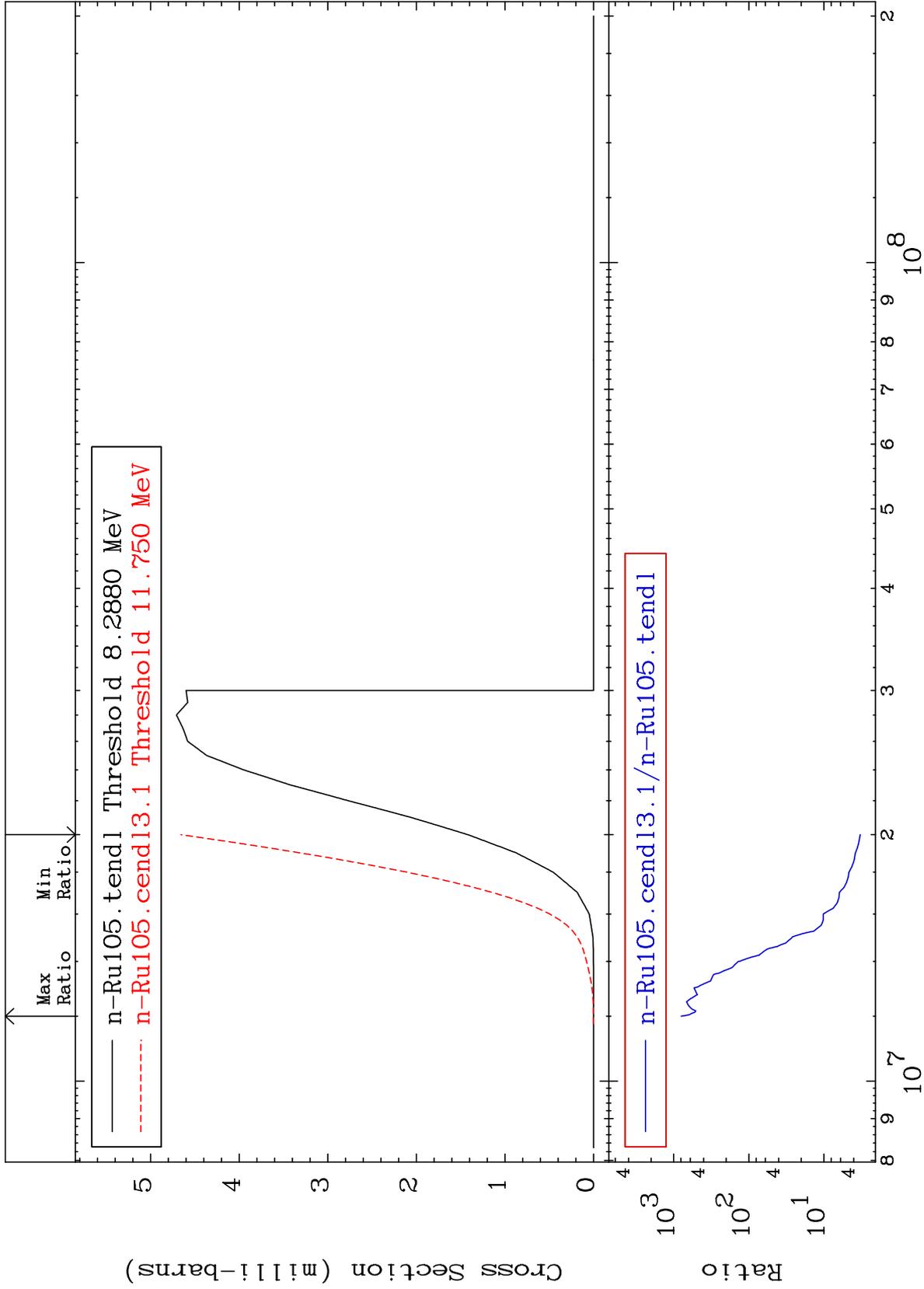
MAT 4452

(n, t)

44-Ru-105

Cross Section

228.2 To 9999. %



18

44-Ru-105

44-Ru-105

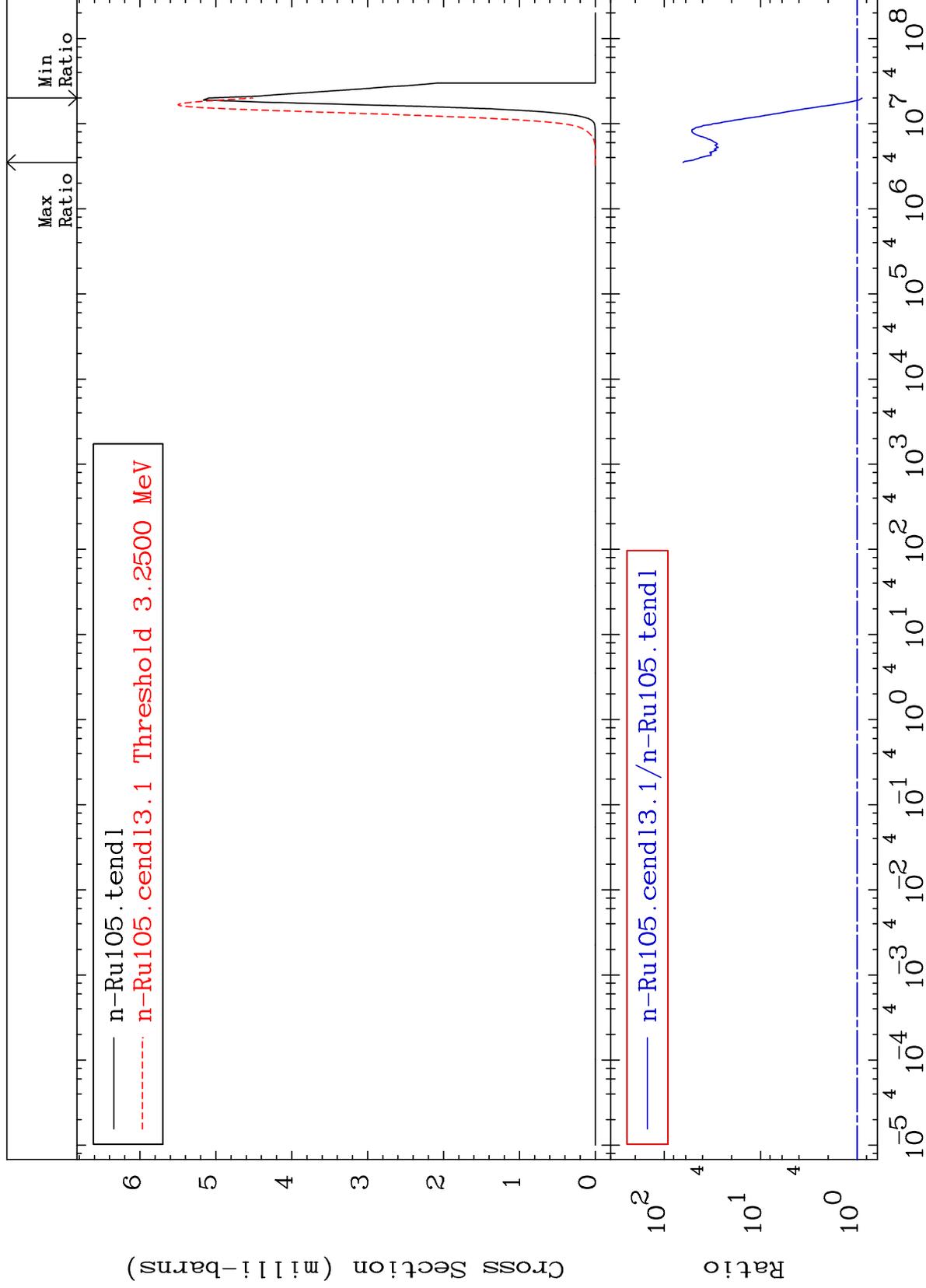
MAT 4452

(n,  $\alpha$ )

44-Ru-105

Cross Section

-11.40 To 6282. %



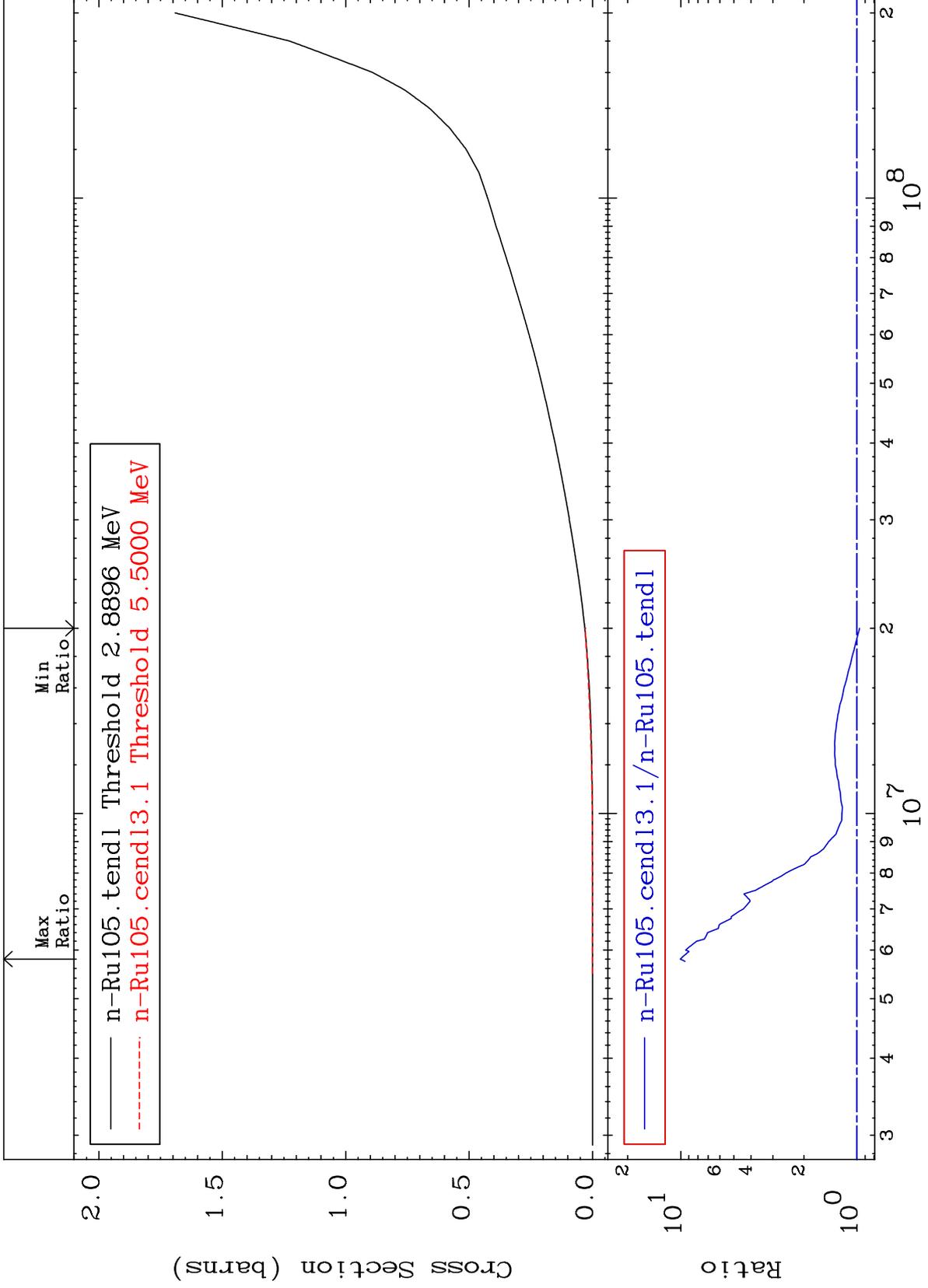
19

44-Ru-105

MAT 4452

Hydrogen Production  
Cross Section

44-Ru-105  
-3.118 To 906.9 %



20

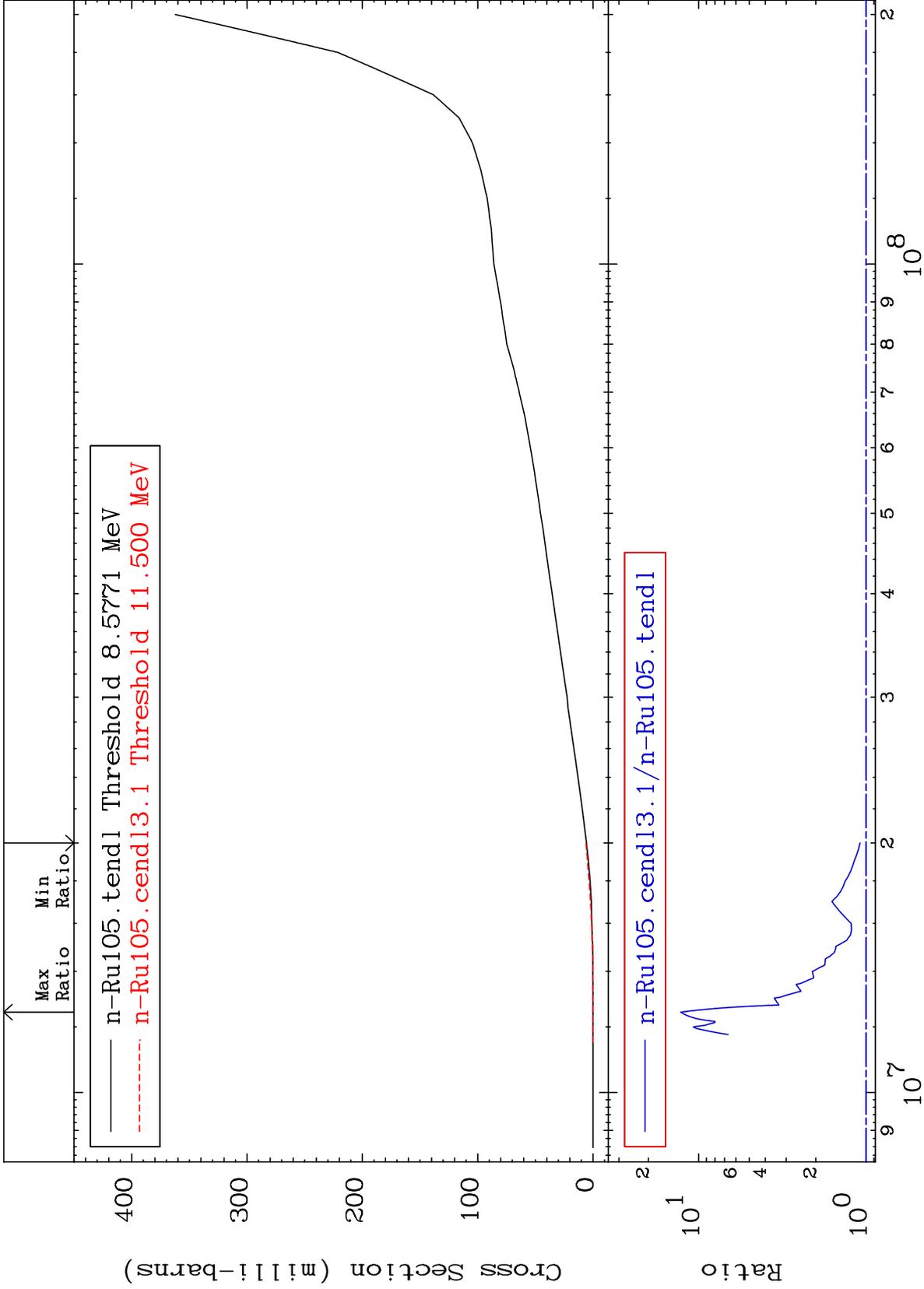
Incident Energy (eV)

44-Ru-105

MAT 4452

Deuterium Production  
Cross Section

44-Ru-105  
8.691 To 1180. %



21

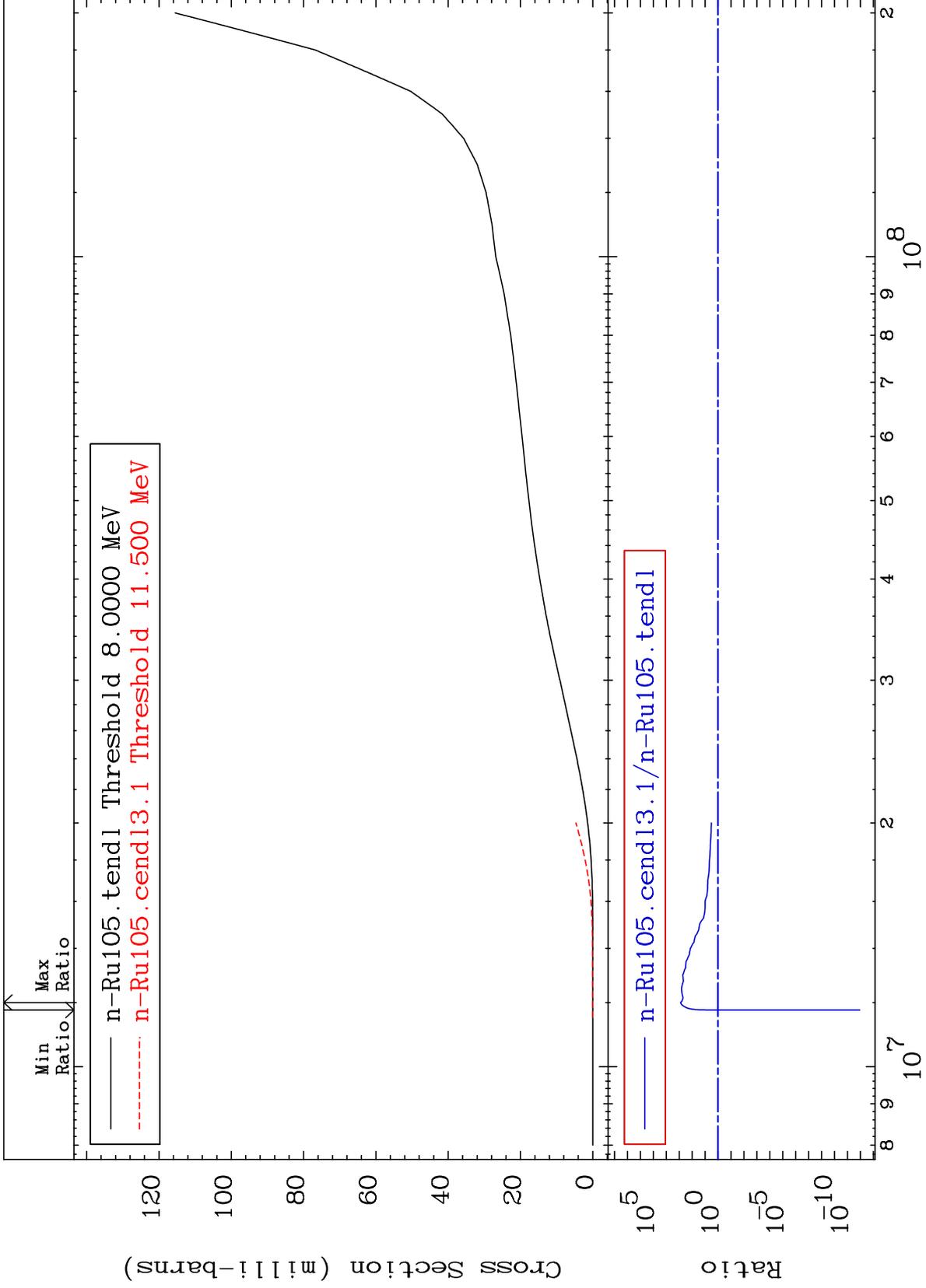
Incident Energy (eV)

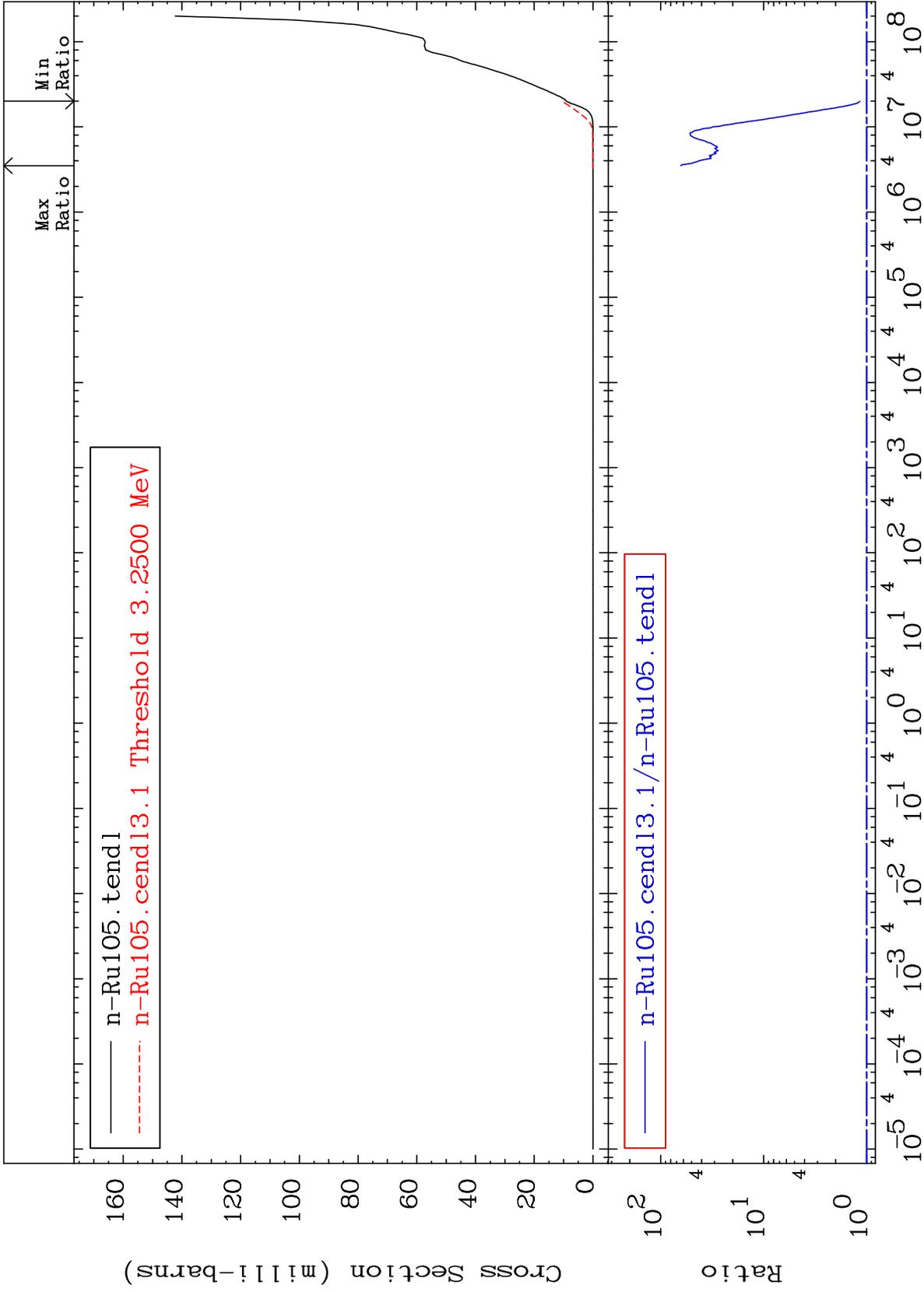
44-Ru-105

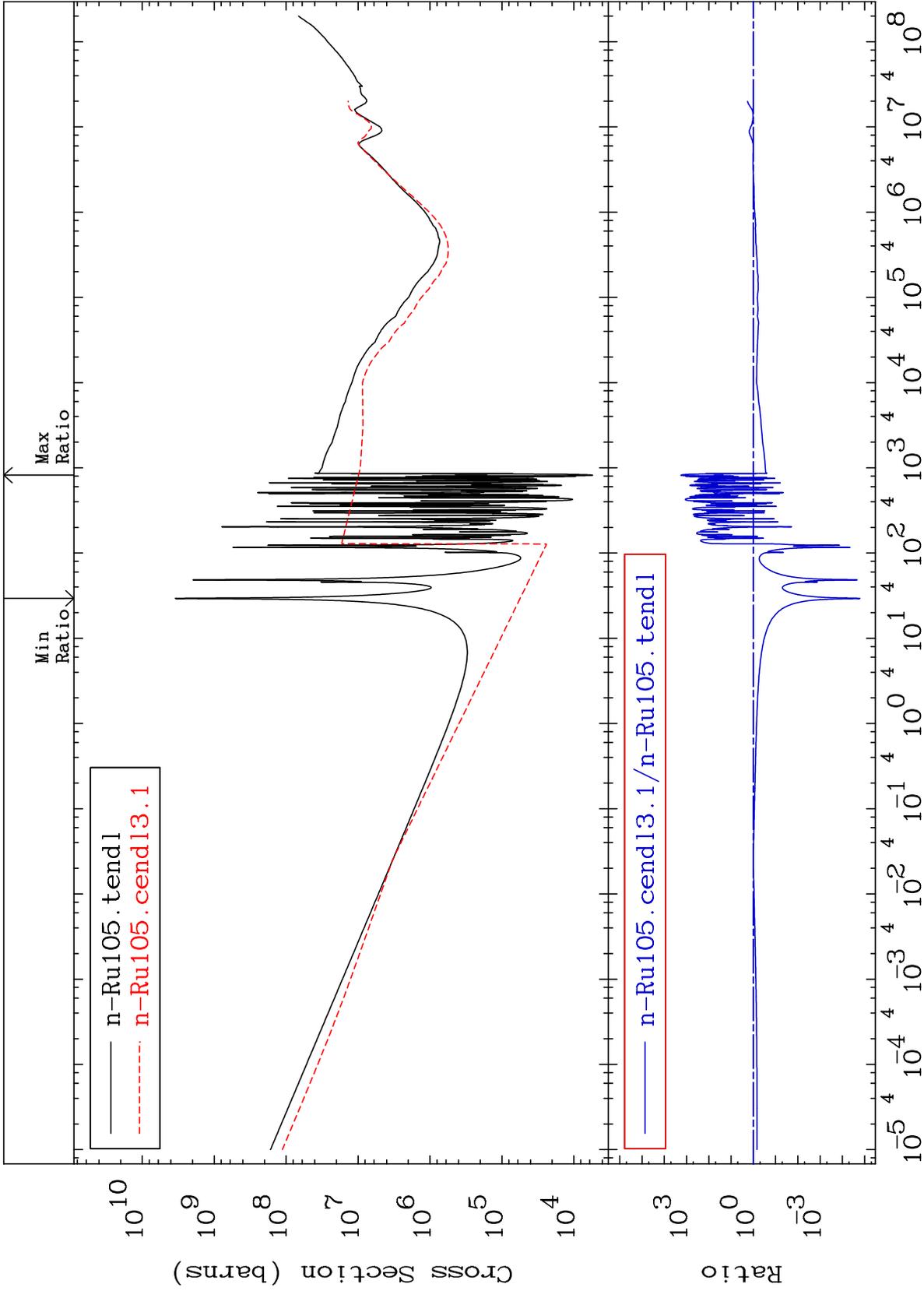
MAT 4452

Tritium Production  
Cross Section

44-Ru-105  
-100.0 To 9999. %



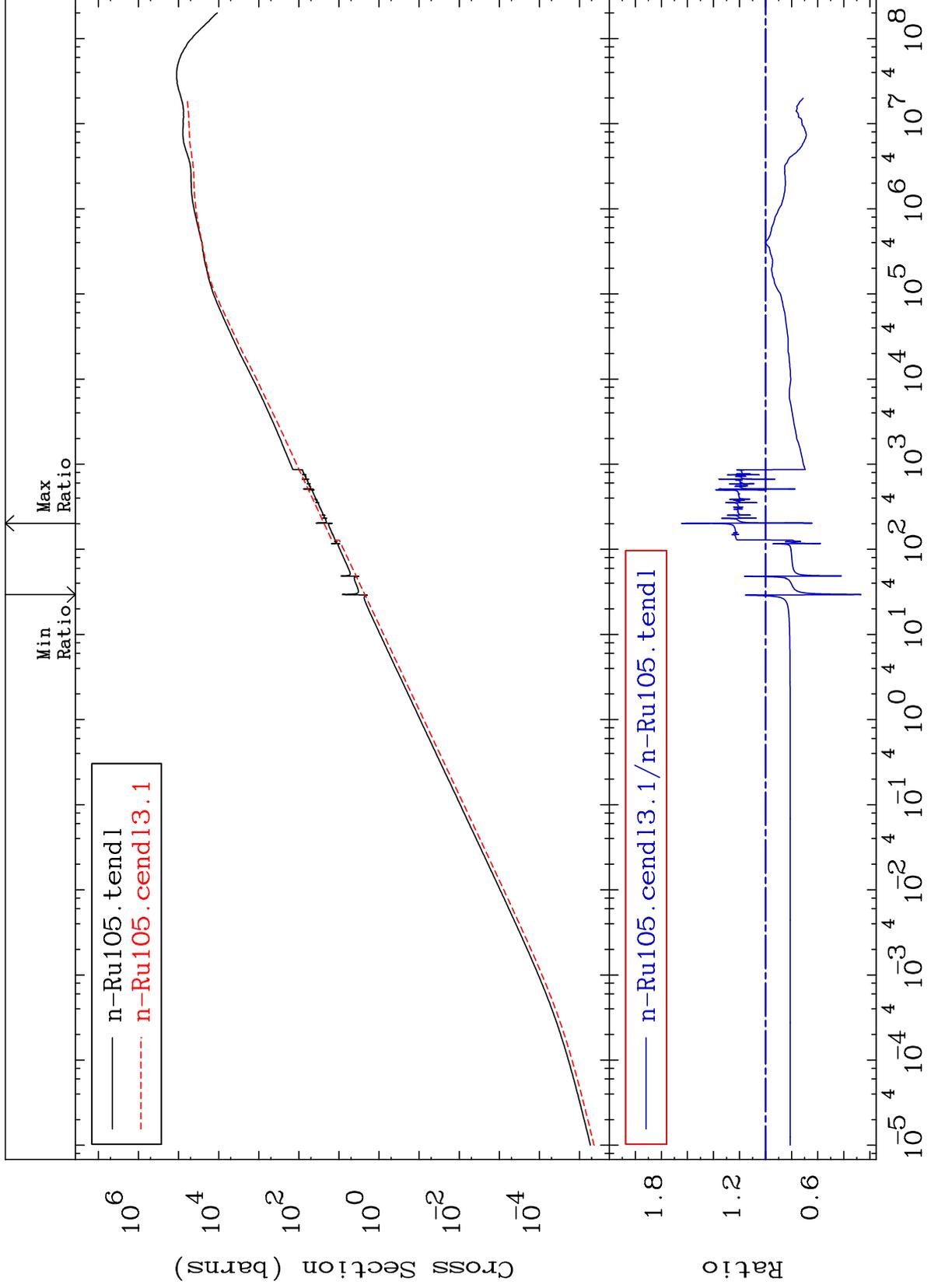


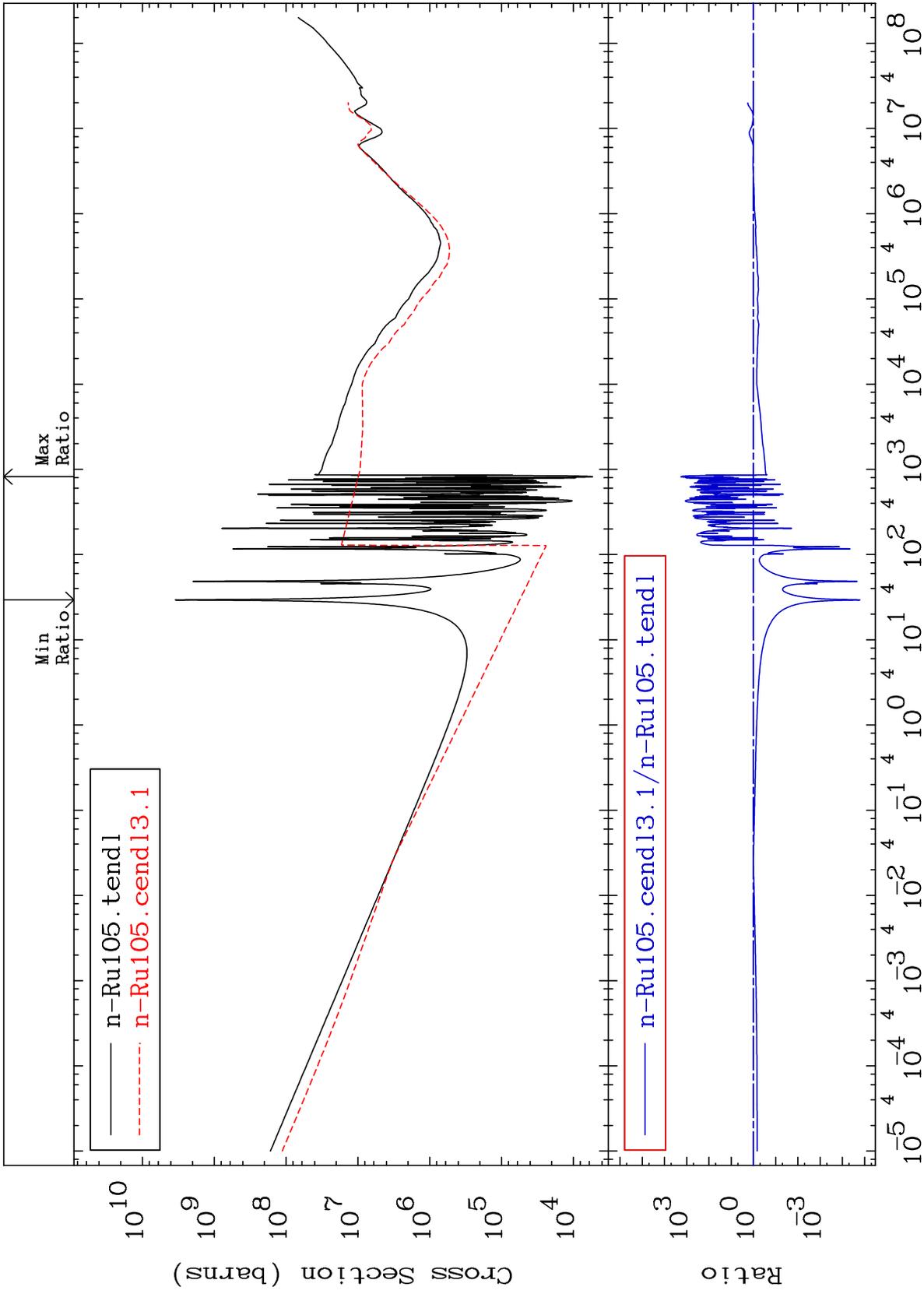


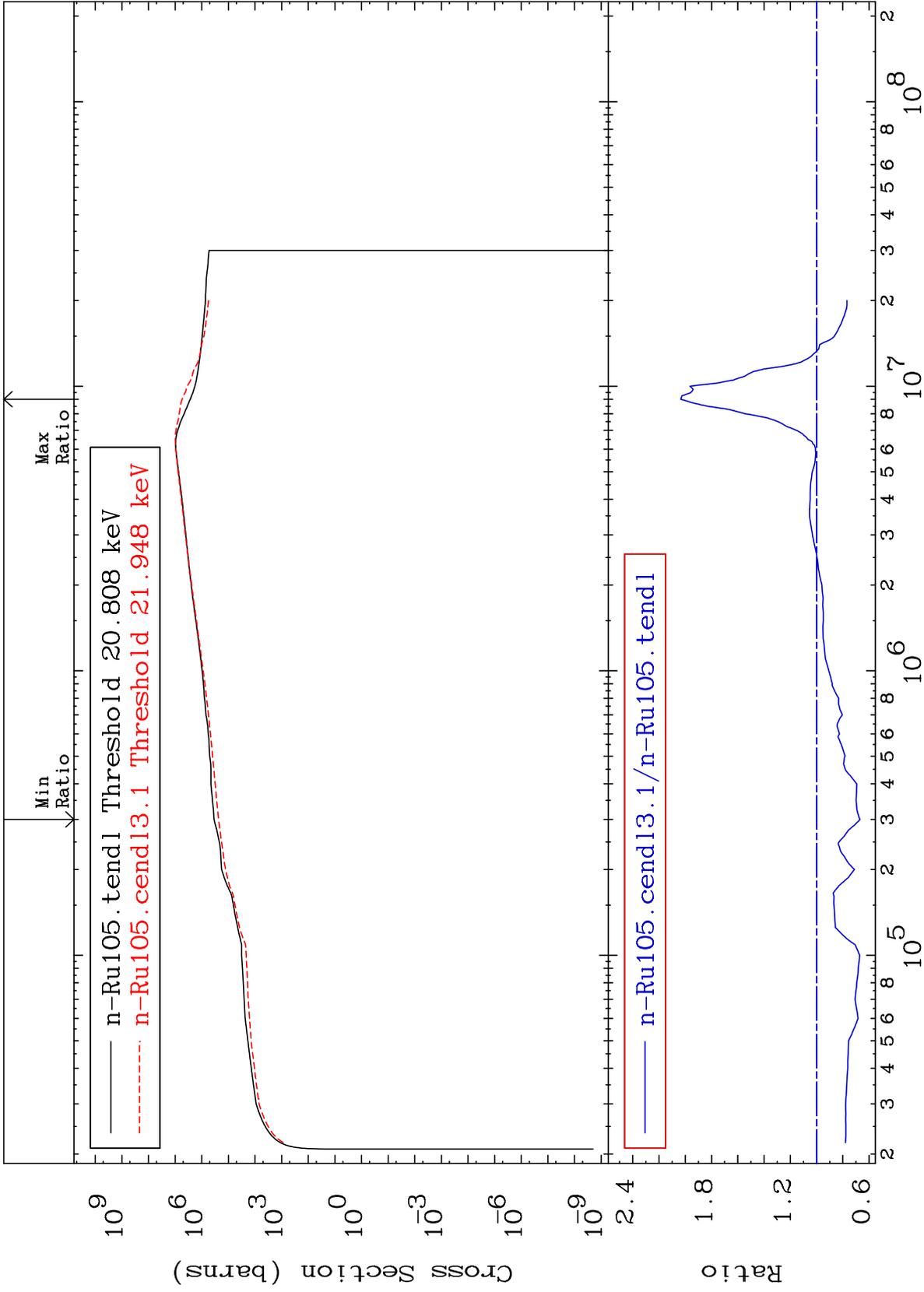
MAT 4452

Kerma elastic  
Cross Section

44-Ru-105  
-73.16 To 64.35 %



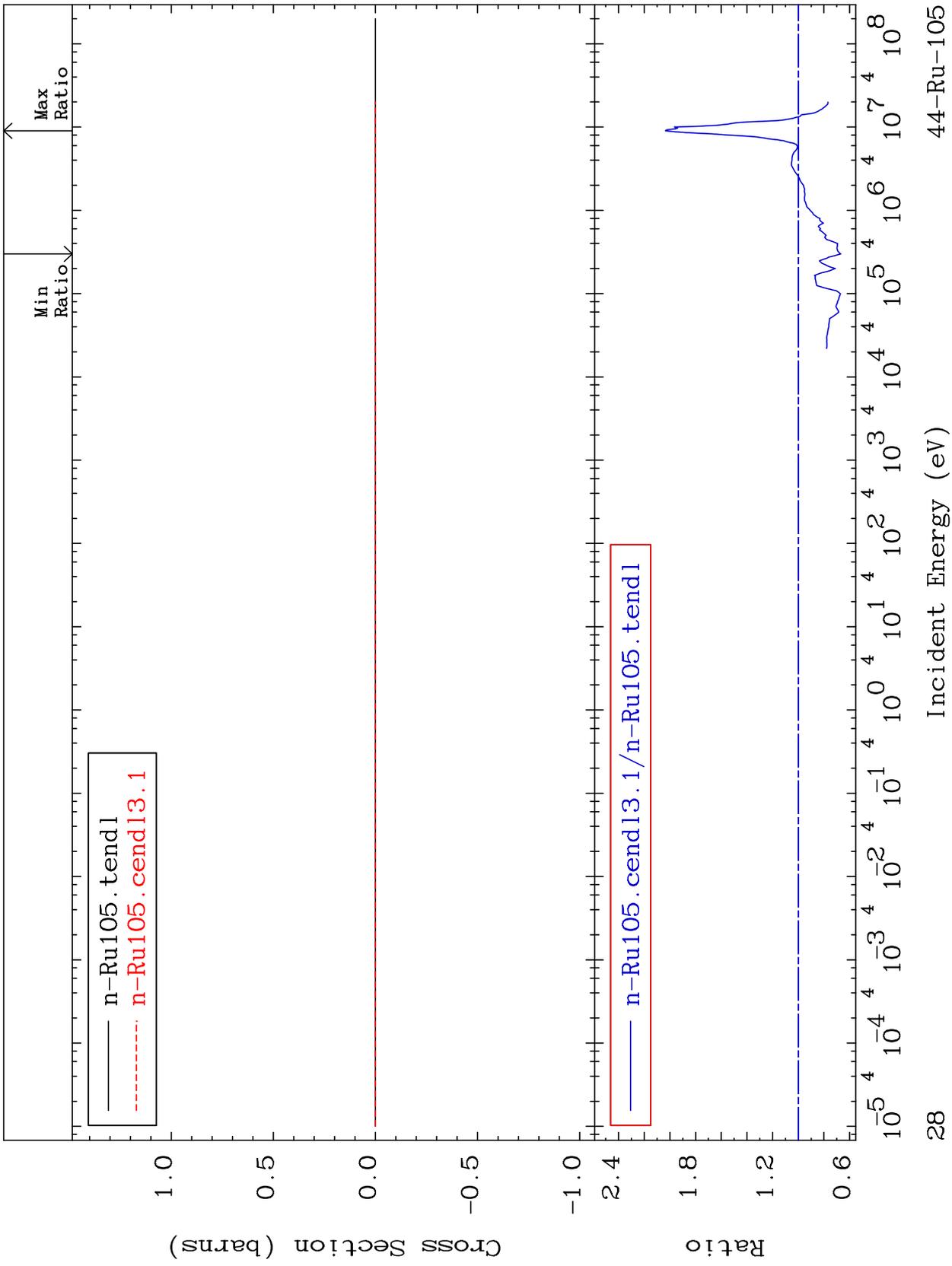


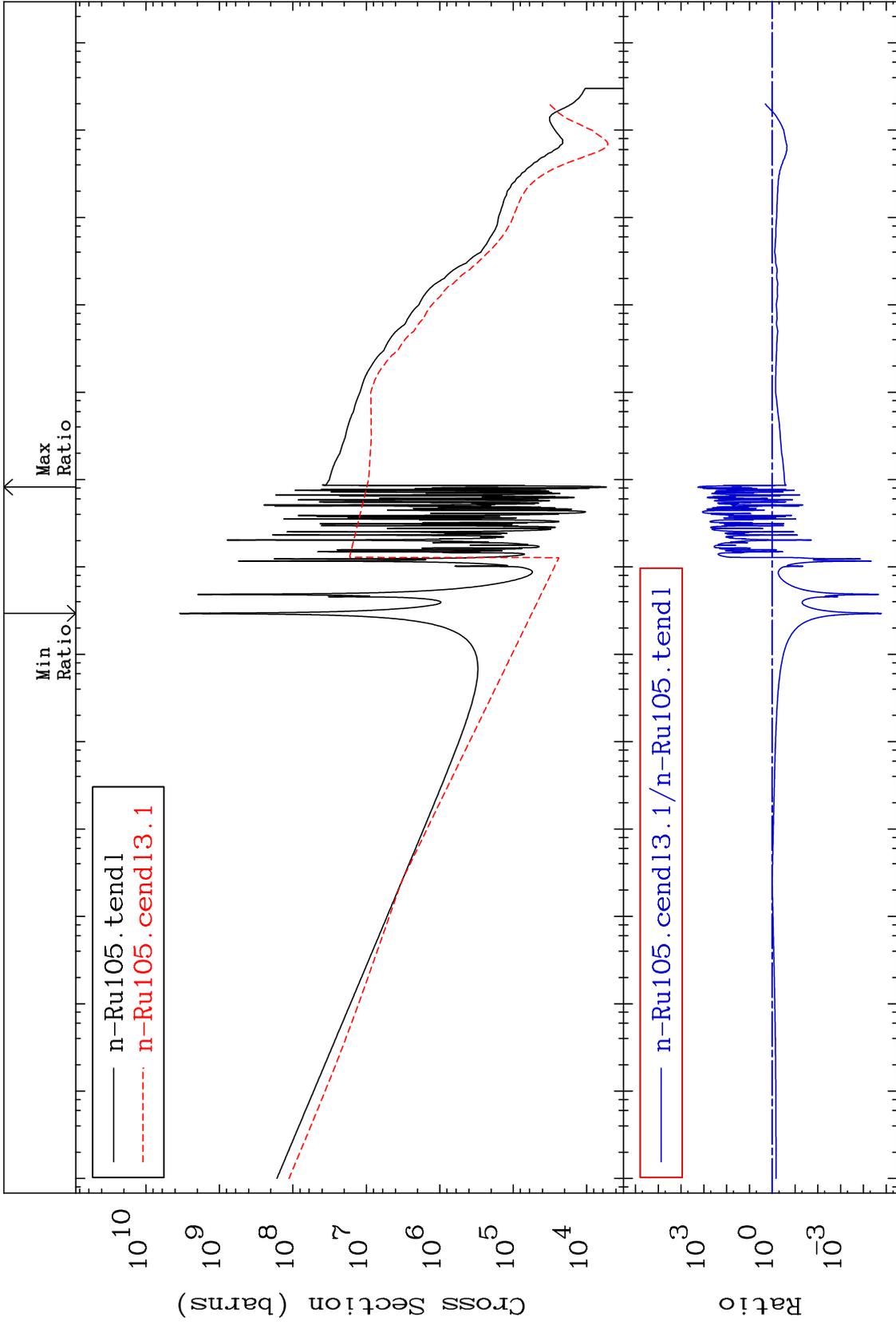


MAT 4452

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

44-Ru-105  
-33.12 To 103.4 %

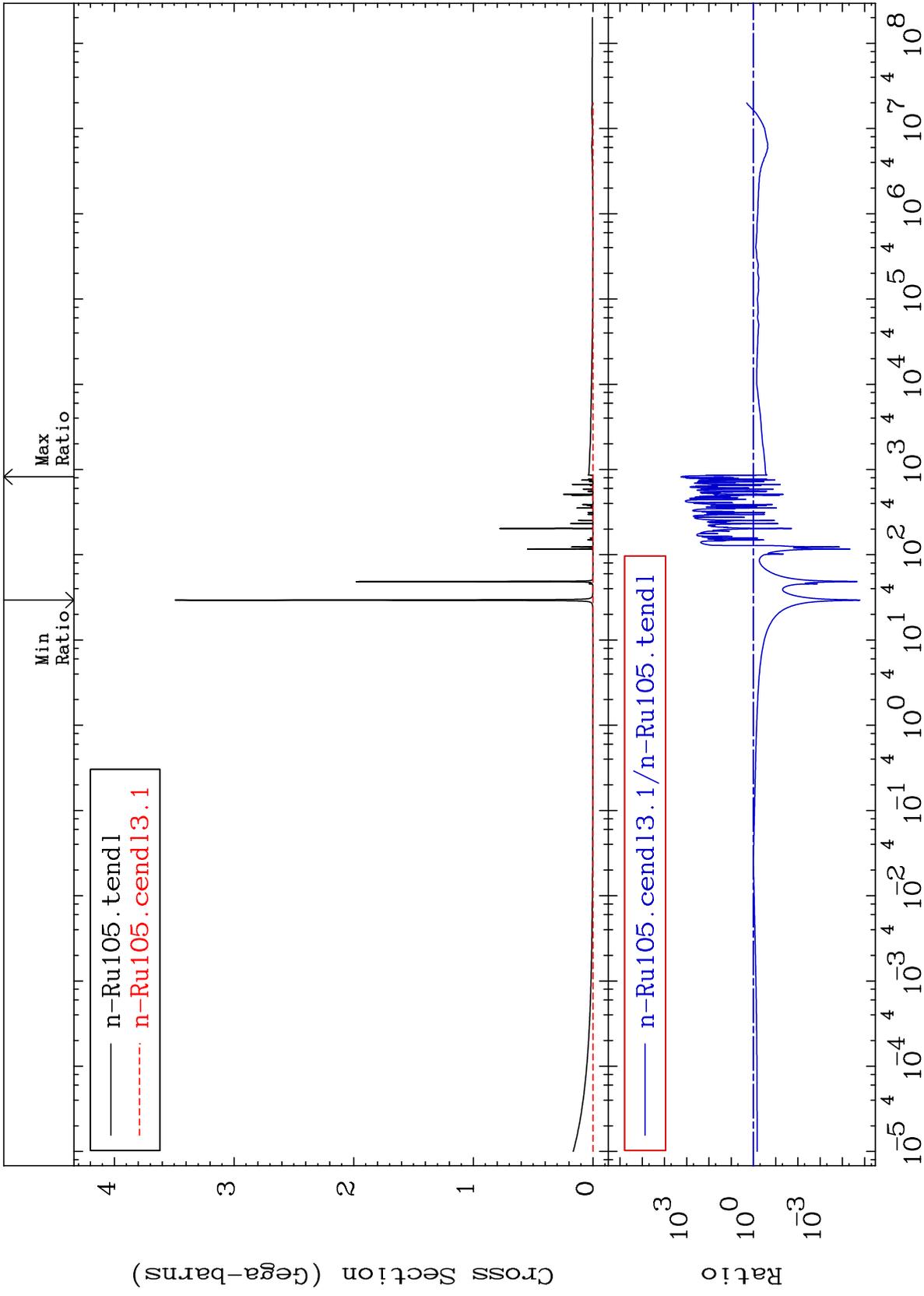




MAT 4452

Total photon (eV-barns)  
Cross Section

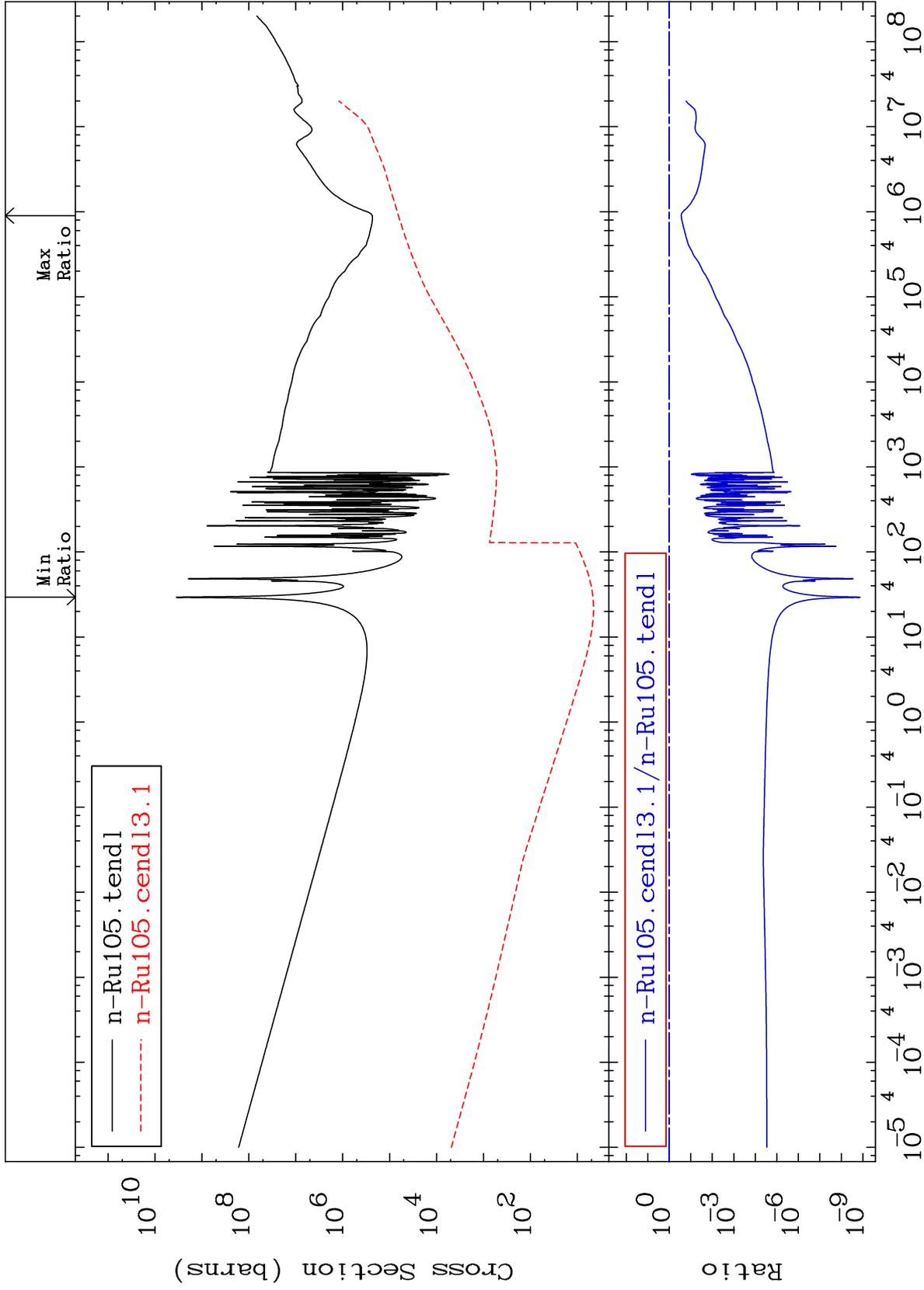
44-Ru-105  
-100.0 To 9999. %



30

Incident Energy (eV)

44-Ru-105



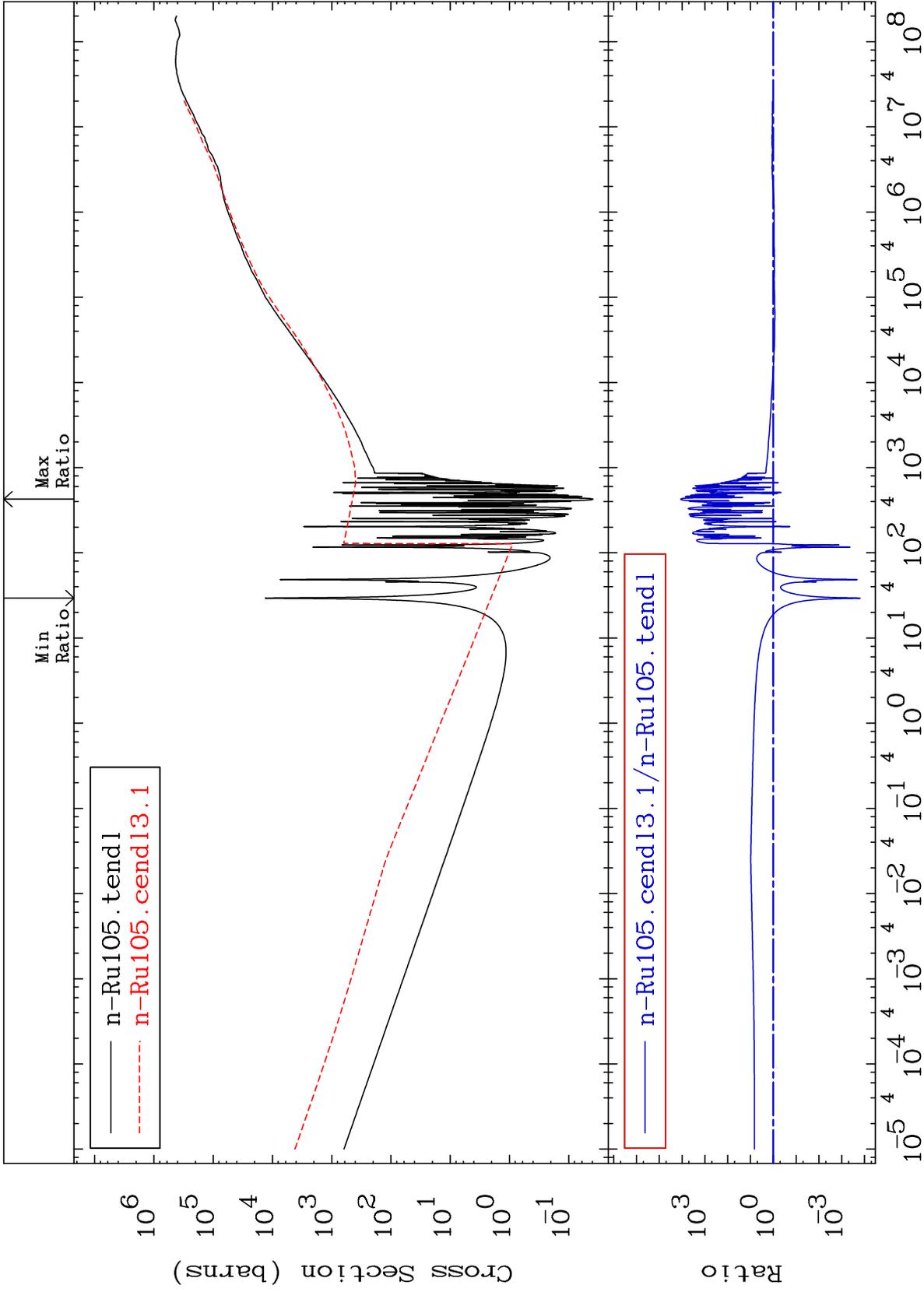
MAT 4452

Dpa total (eV-barns)

44-Ru-105

-99.98 To 9999. %

Cross Section



MAT 4452

Dpa elastic (mt2)  
Cross Section

44-Ru-105  
-32.22 To 41.45 %

