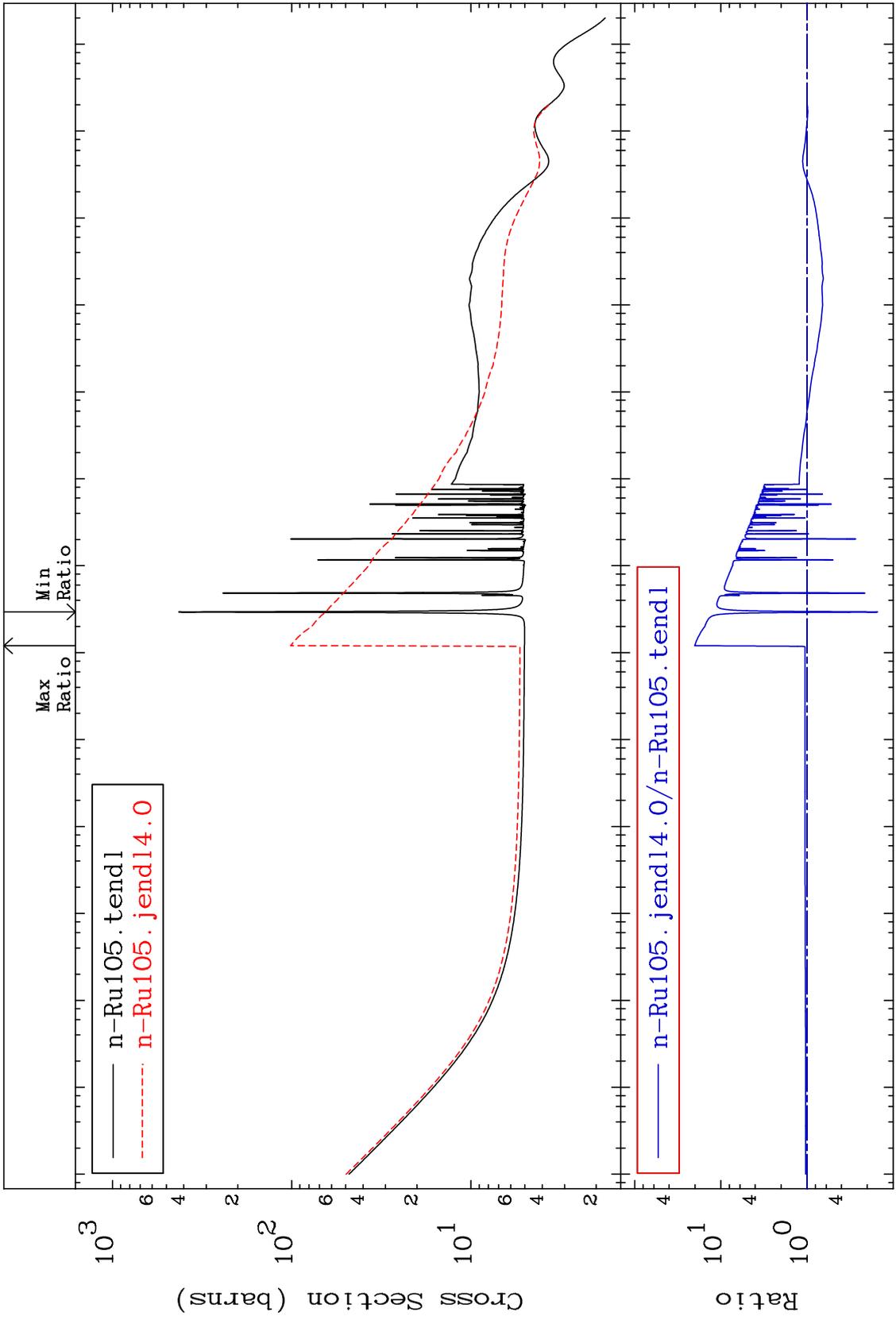


MAT 4452

Total
Cross Section

44-Ru-105
-84.83 To 1915. %

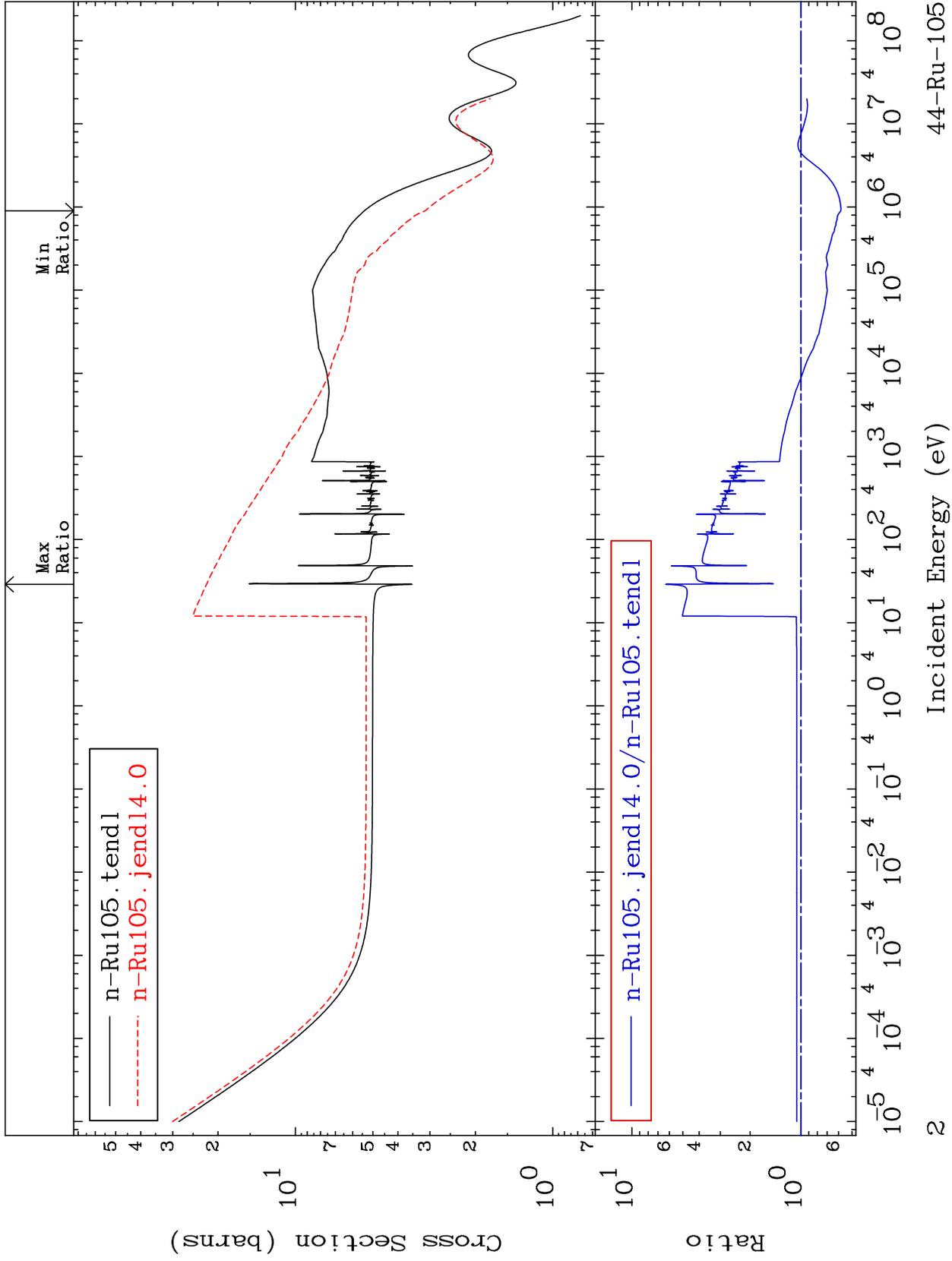


Incident Energy (eV)

44-Ru-105

MAT 4452

Elastic Cross Section
44-Ru-105
-42.00 To 528.6 %



44-Ru-105

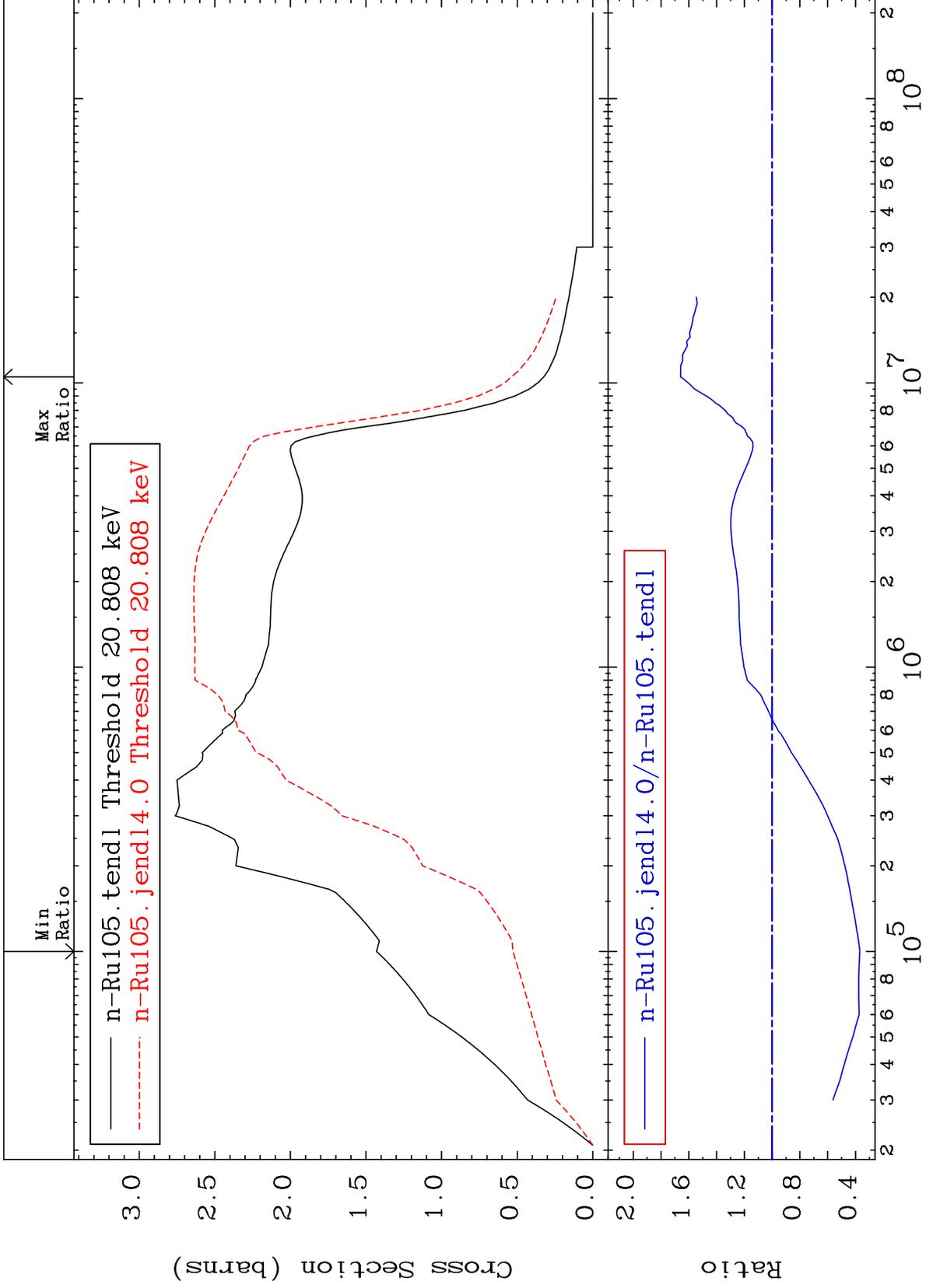
Incident Energy (eV)

2

MAT 4452

Inelastic
Cross Section

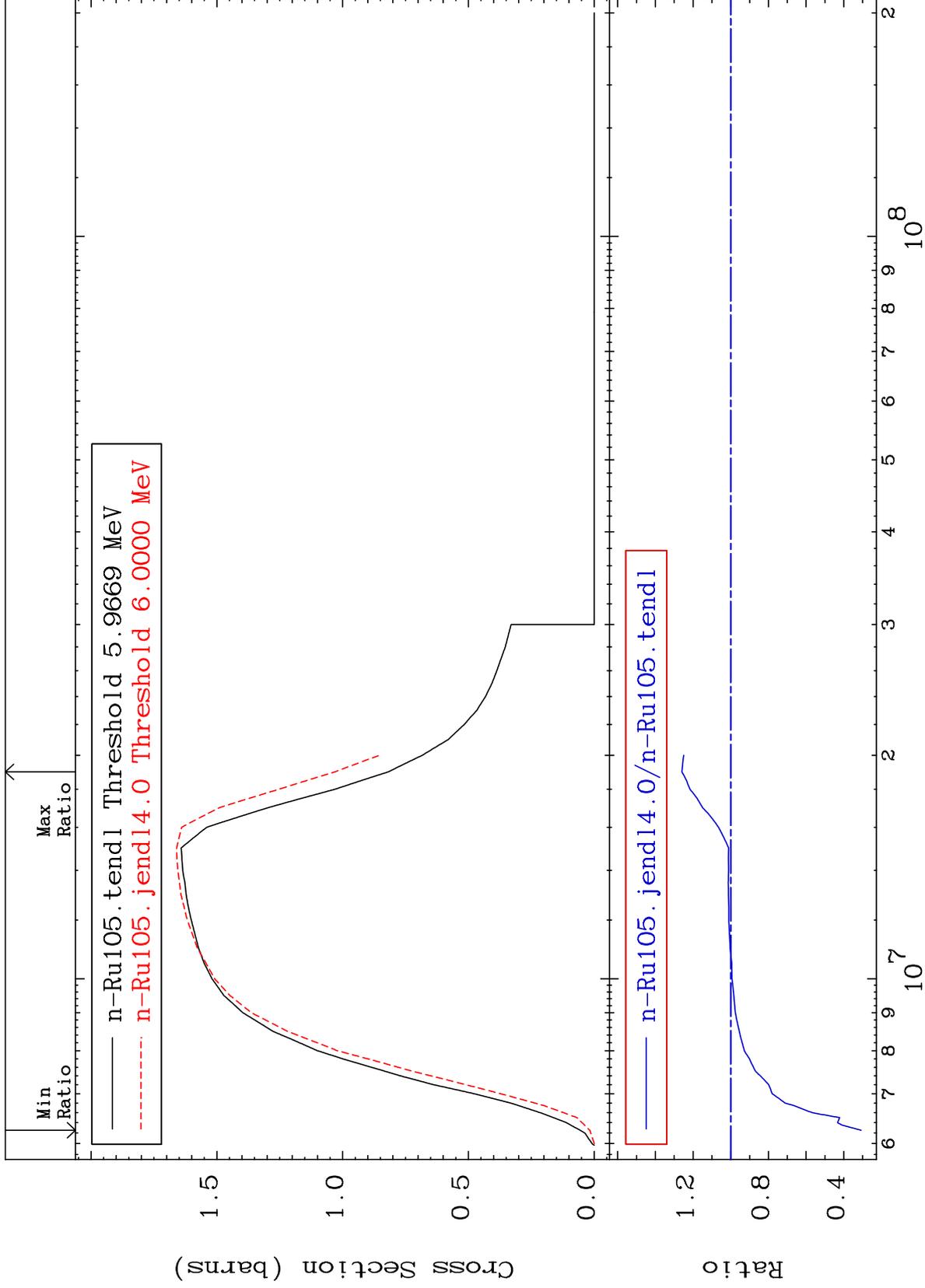
44-Ru-105
-63.08 To 65.98 %



MAT 4452

(n,2n)
Cross Section

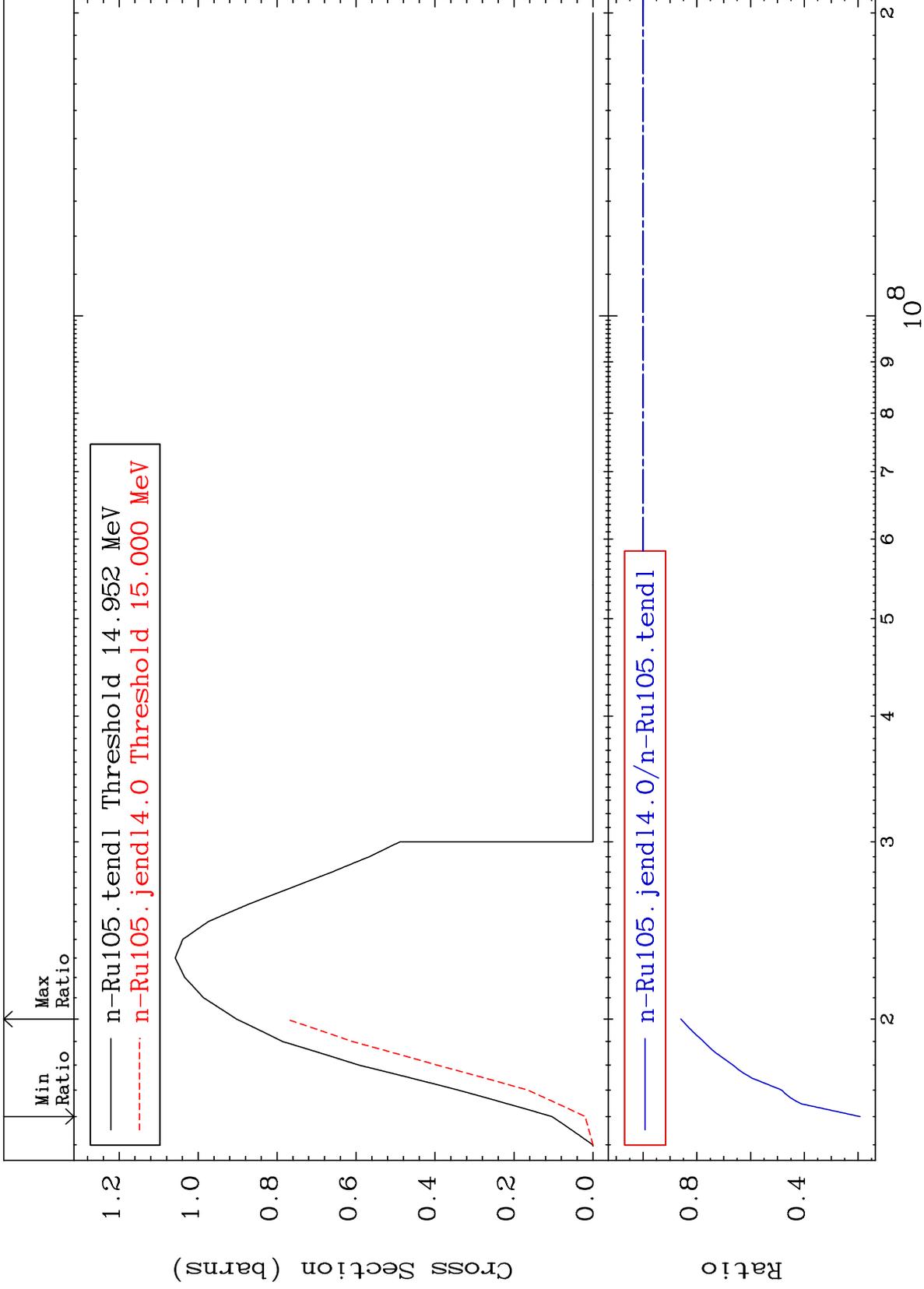
44-Ru-105
-69.19 To 25.91 %



4

Incident Energy (eV)

44-Ru-105



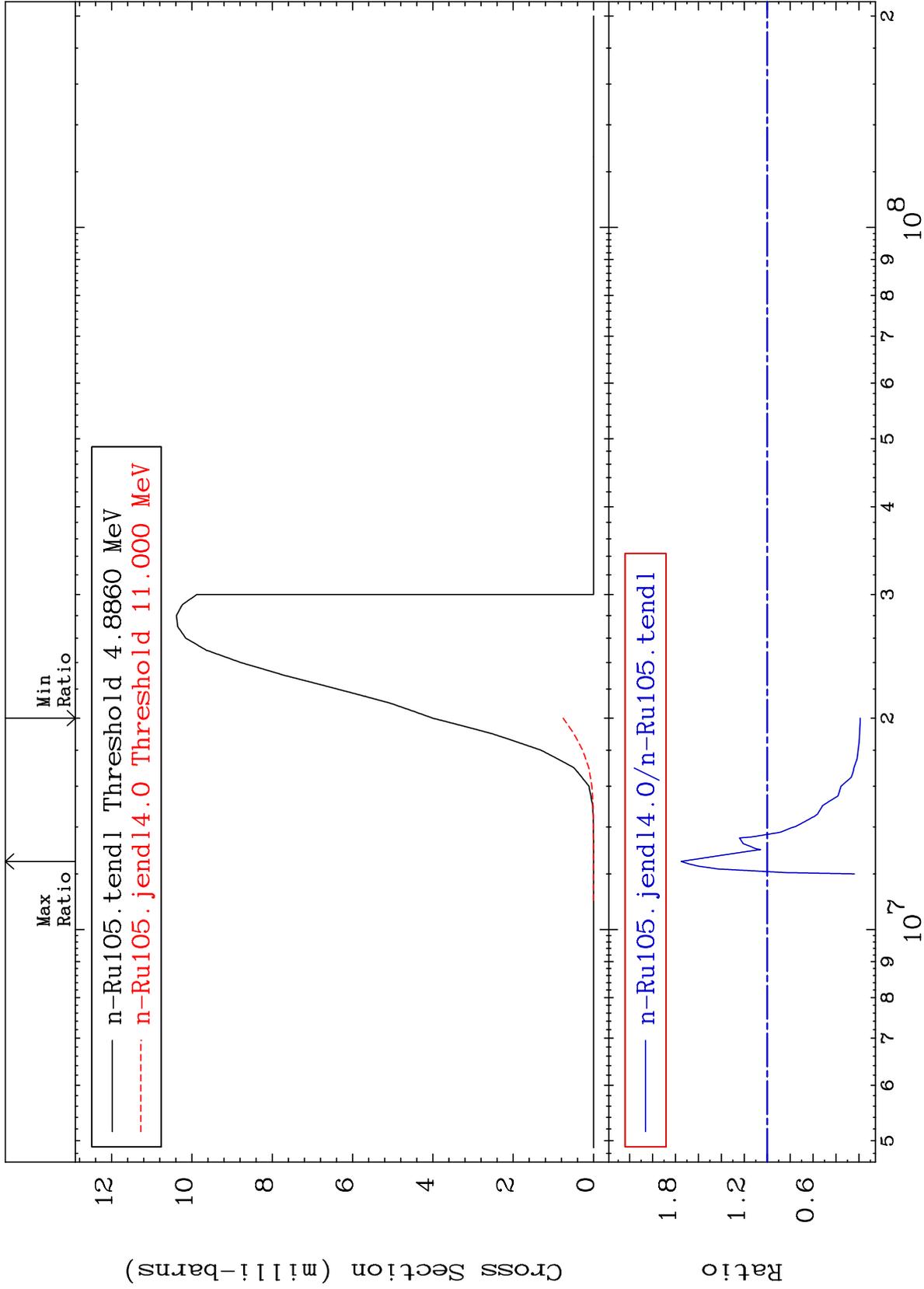
MAT 4452

44-Ru-105

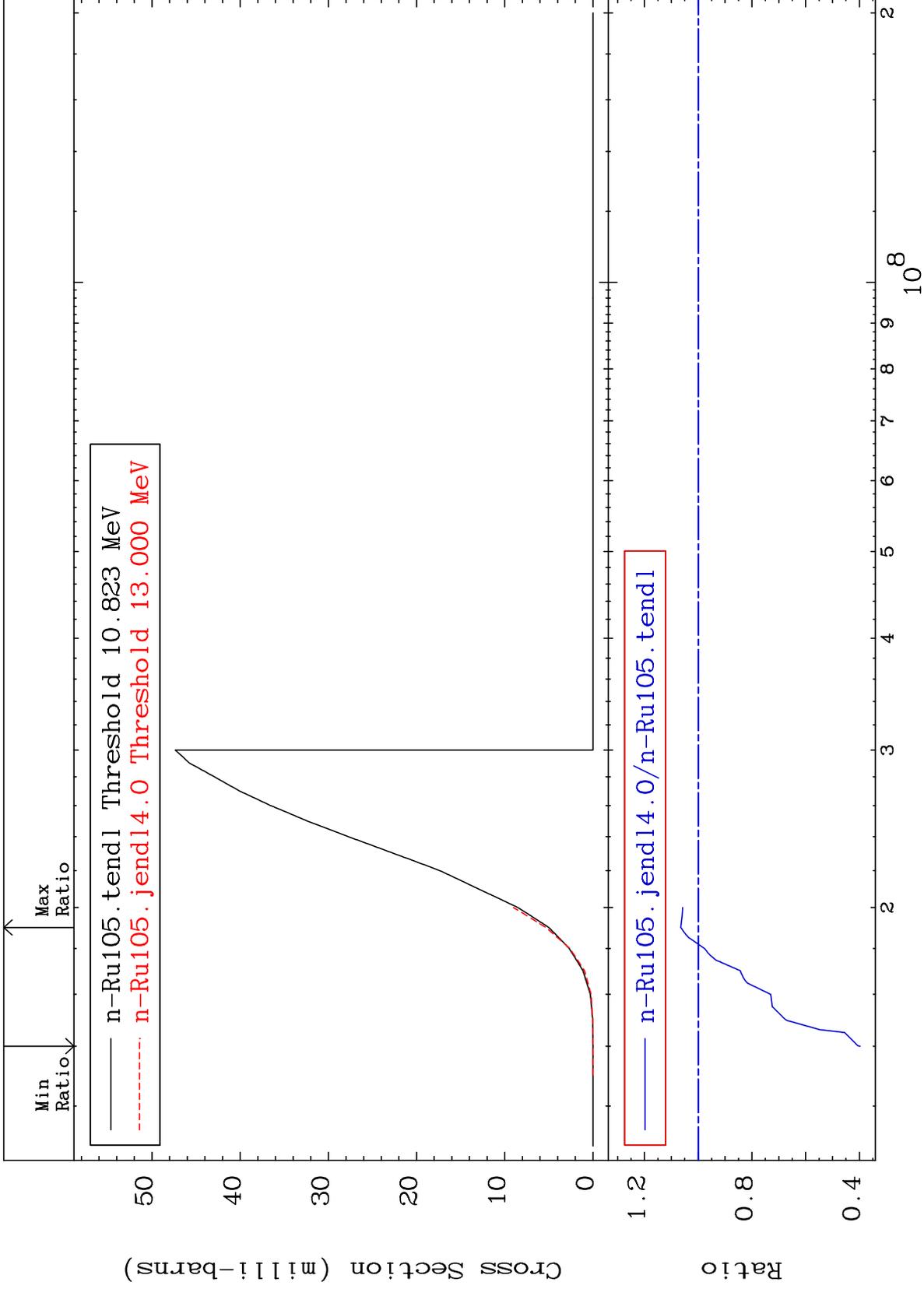
(n, n') α

Cross Section

-81.10 To 75.00 %



44-Ru-105



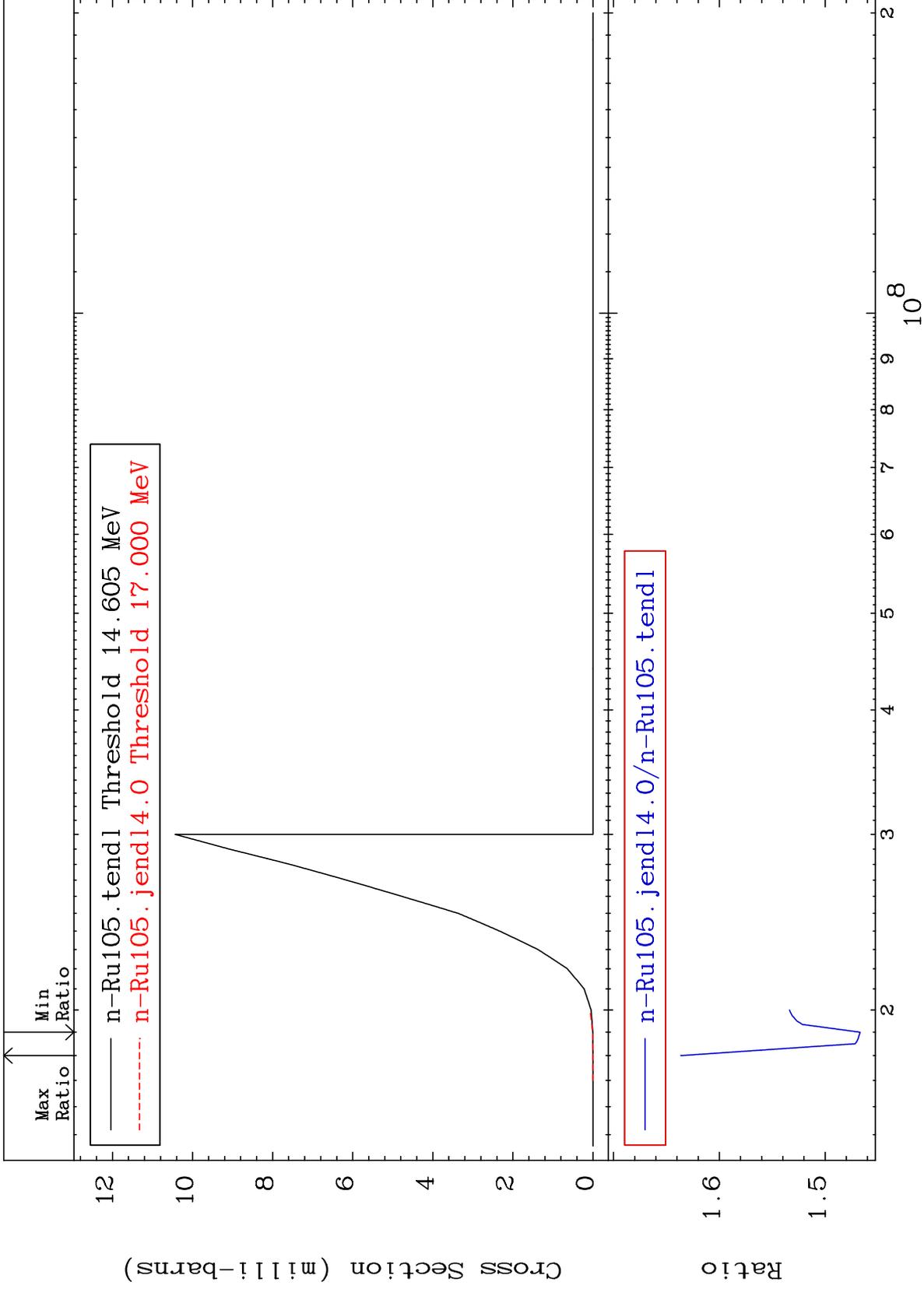
MAT 4452

(n,n') d

44-Ru-105

Cross Section

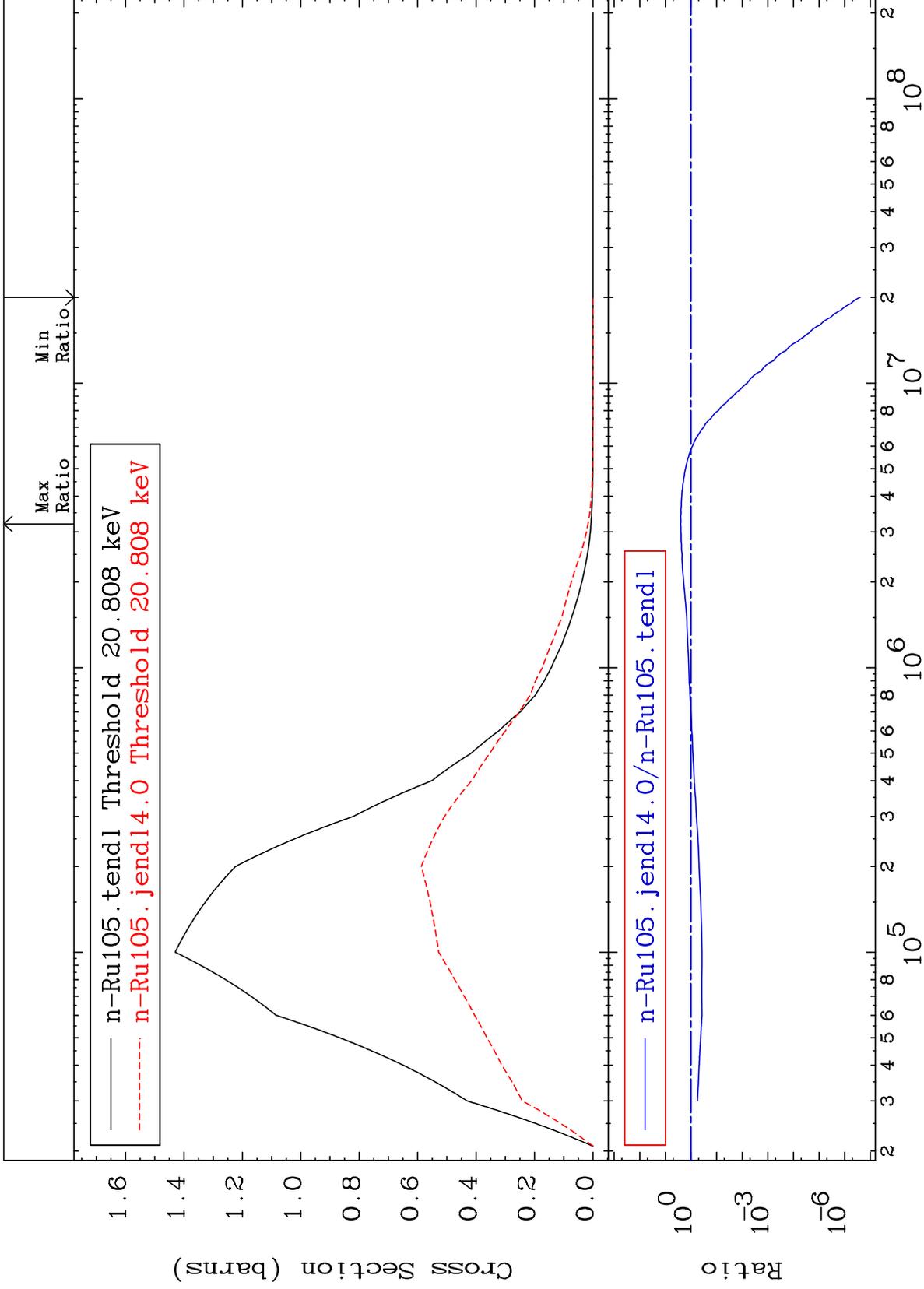
46.70 To 63.65 %



MAT 4452

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

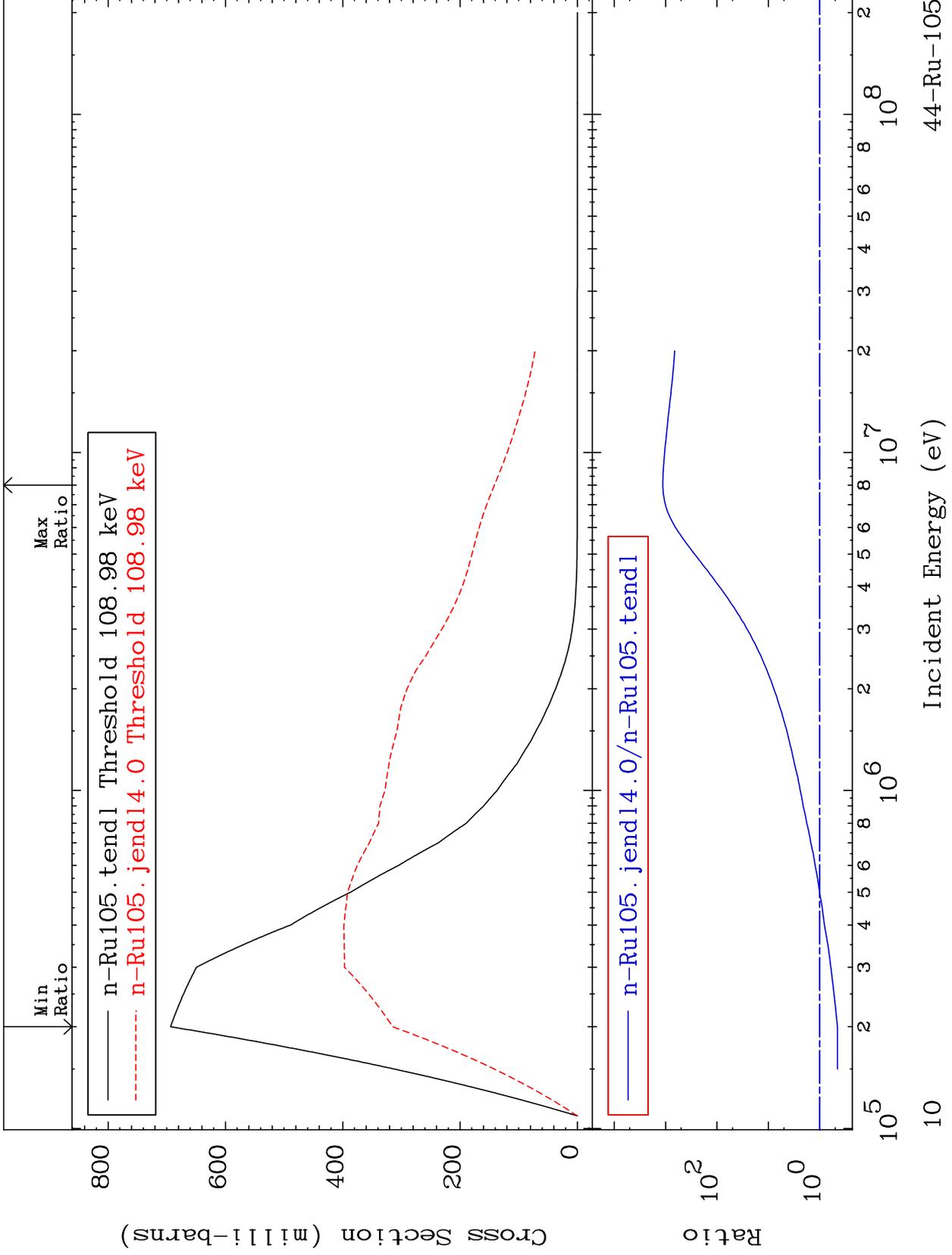
44-Ru-105
-100.0 To 151.8 %



MAT 4452

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

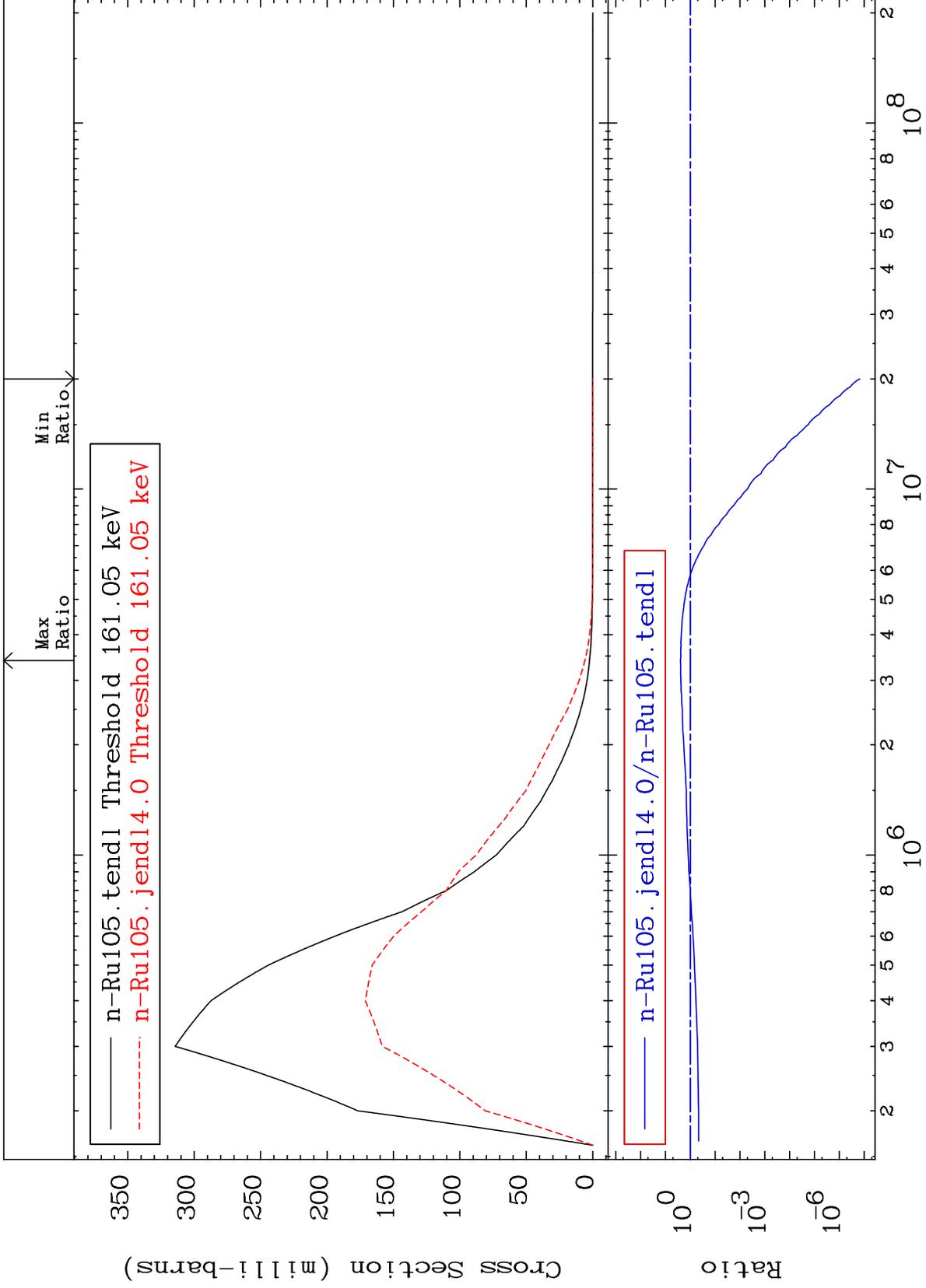
44-Ru-105
-54.60 To 9999. %



MAT 4452

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

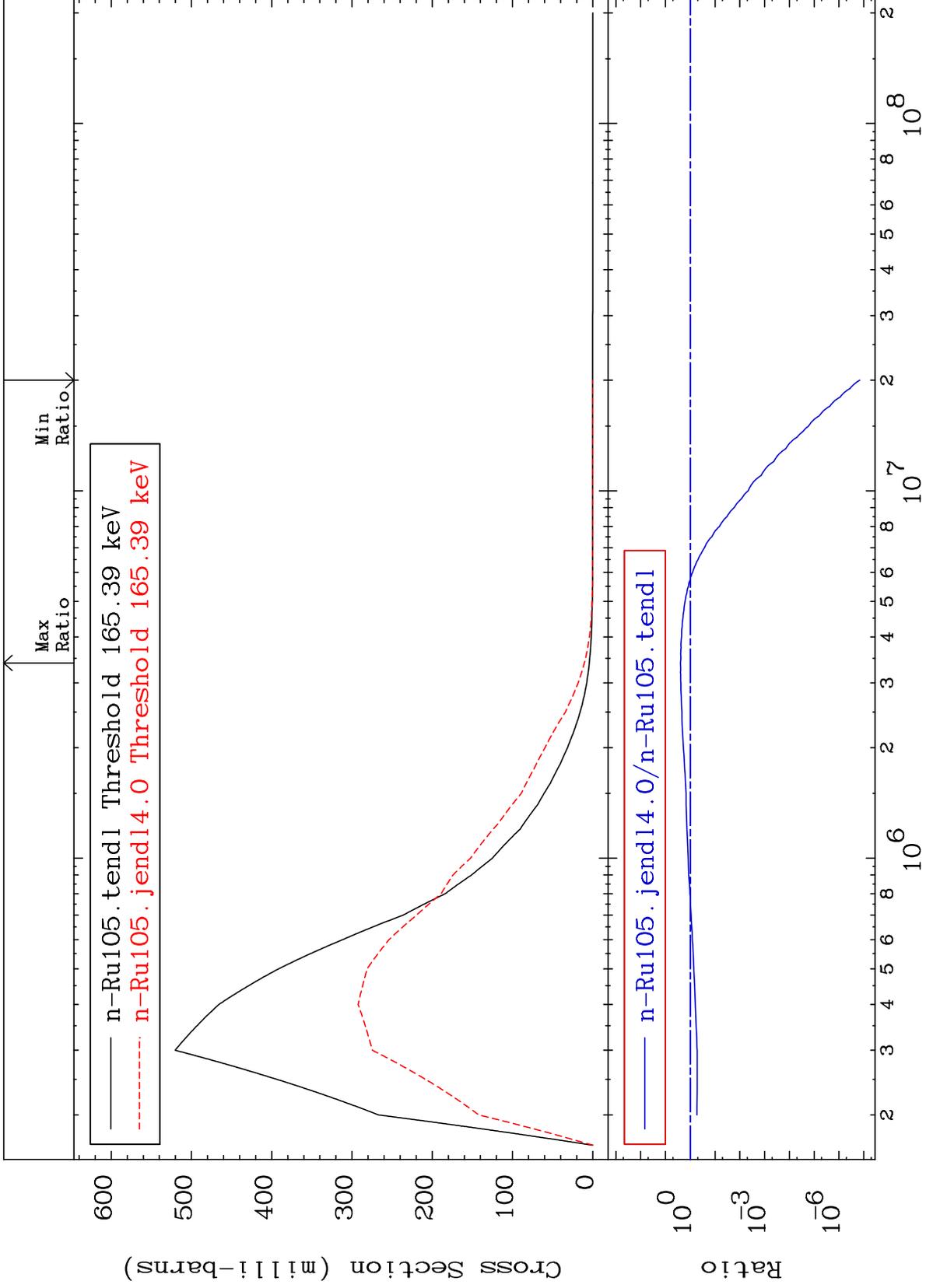
44-Ru-105
-100.0 To 146.1 %



MAT 4452

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

44-Ru-105
-100.0 To 146.9 %



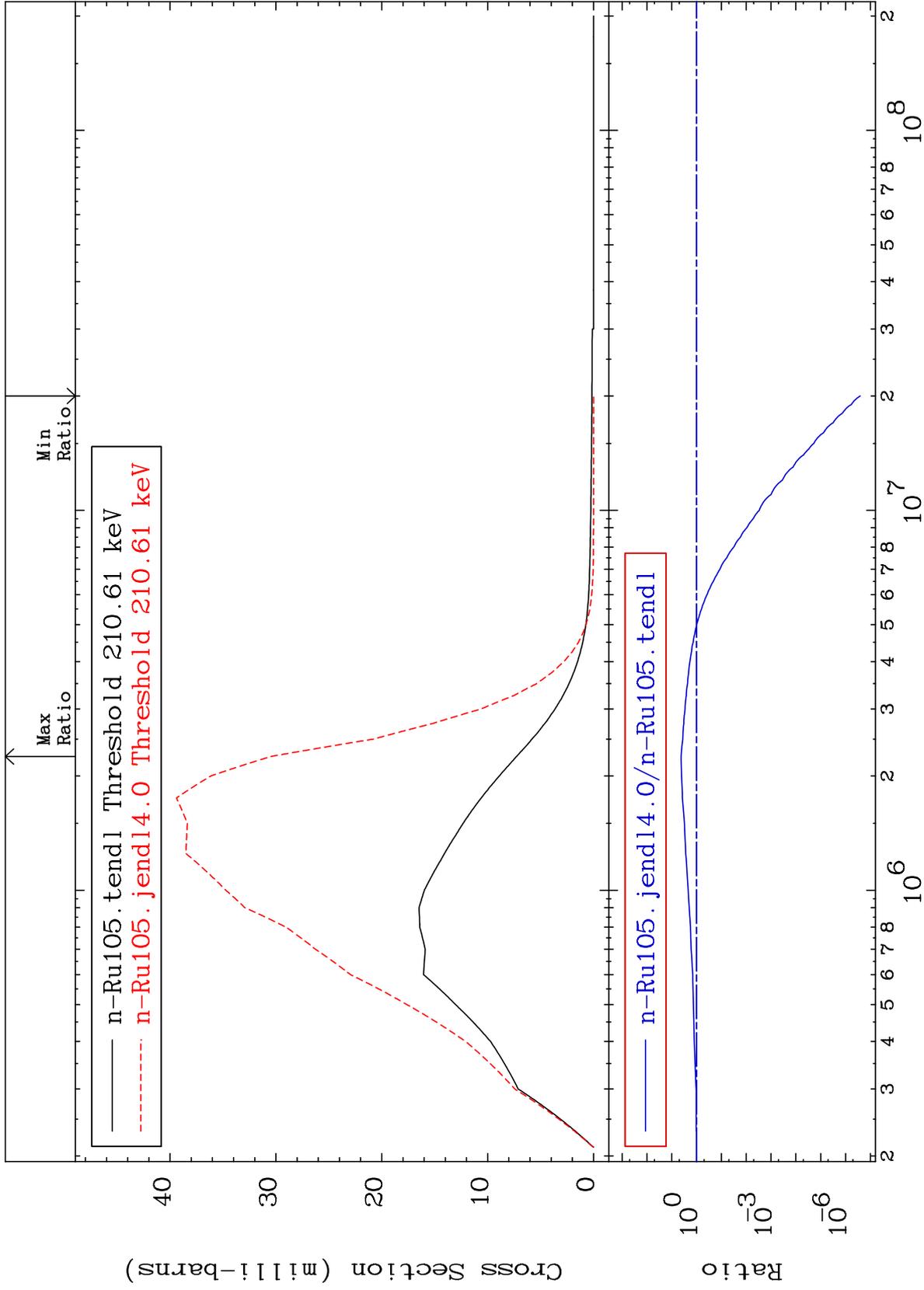
MAT 4452

MT= 55 (n,n') Level

44-Ru-105

-100.0 To 319.0 %

Cross Section



13

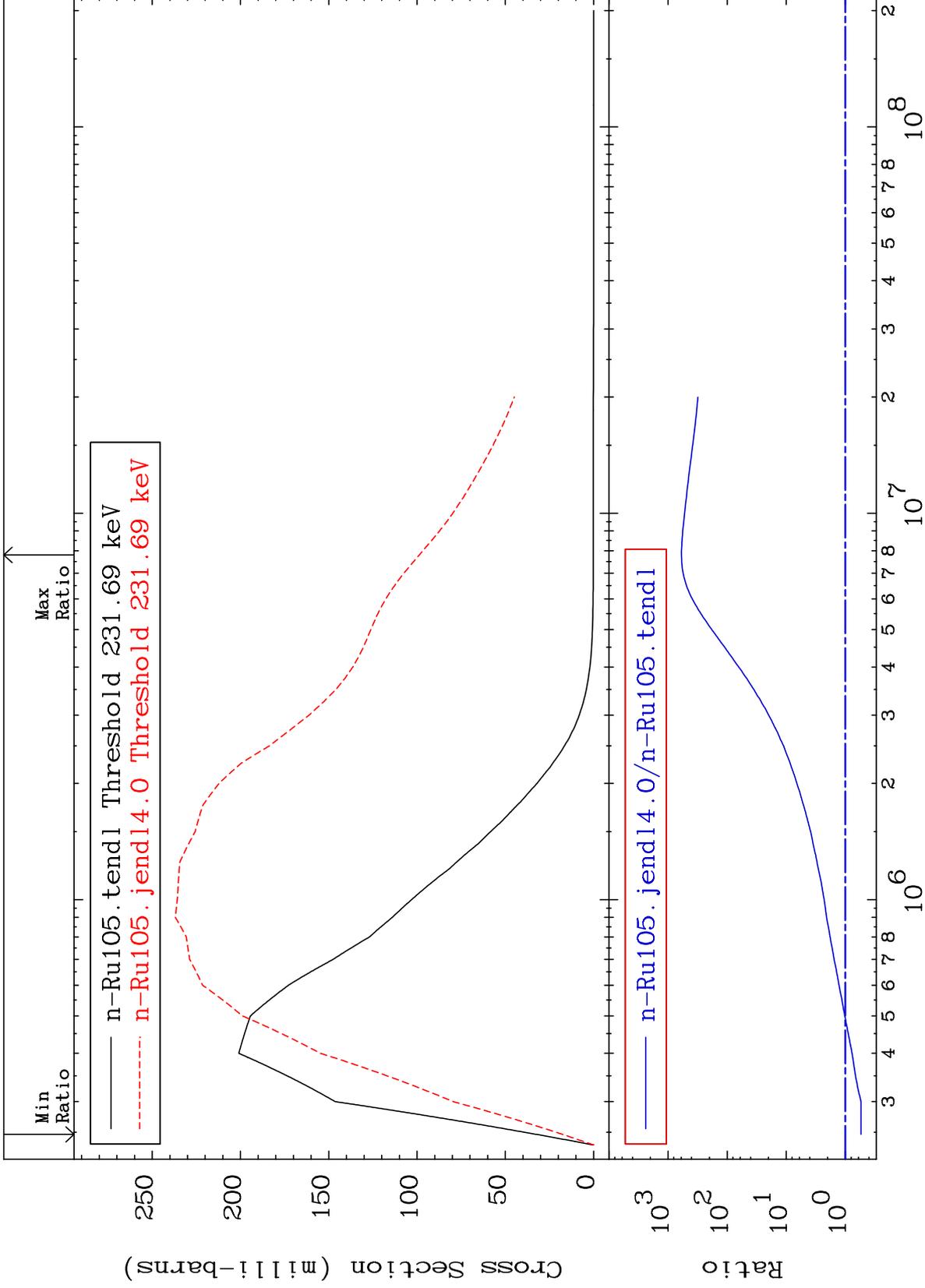
Incident Energy (eV)

44-Ru-105

MAT 4452

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

44-Ru-105
-45.65 To 9999. %



14

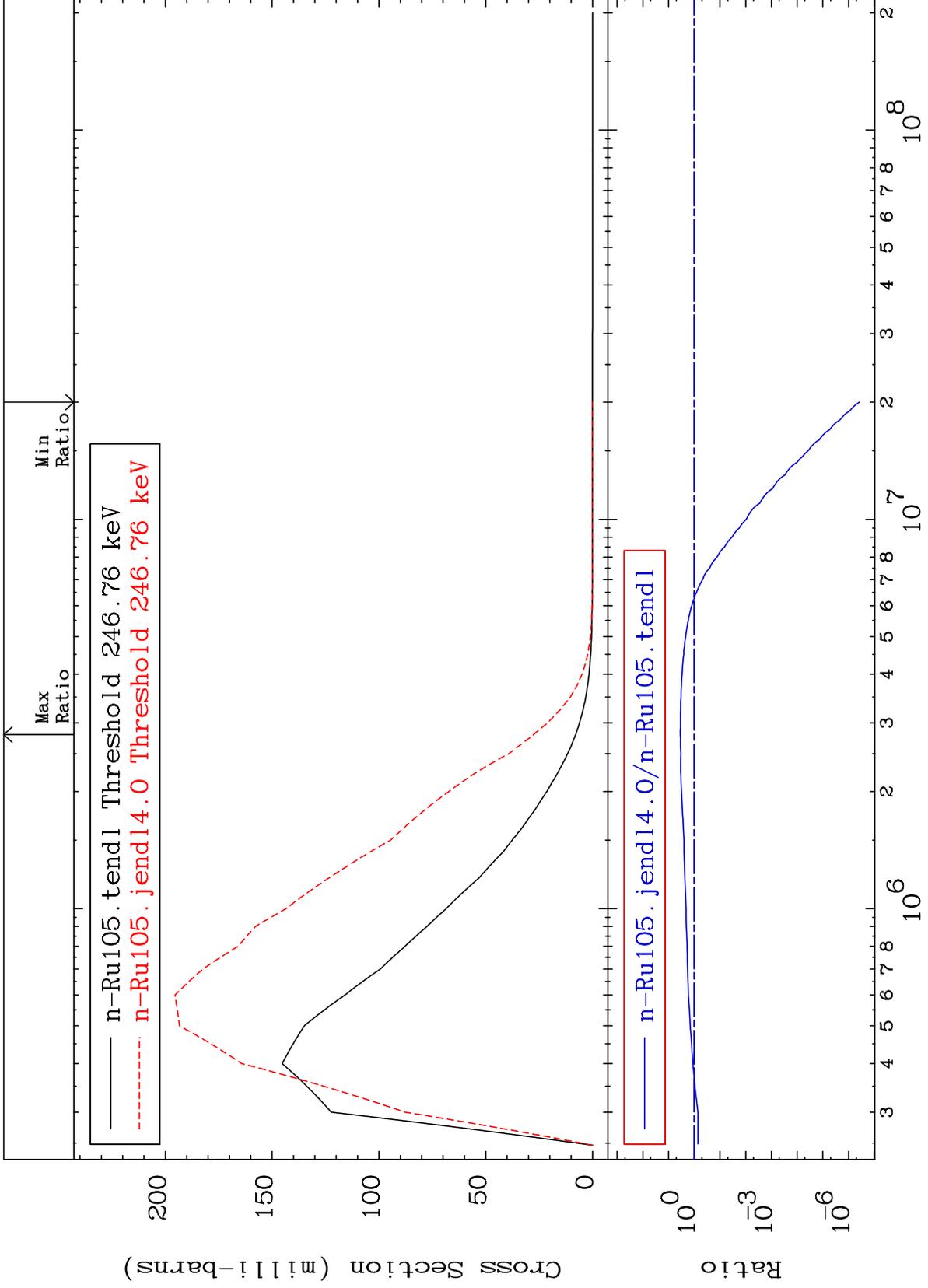
Incident Energy (eV)

44-Ru-105

MAT 4452

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

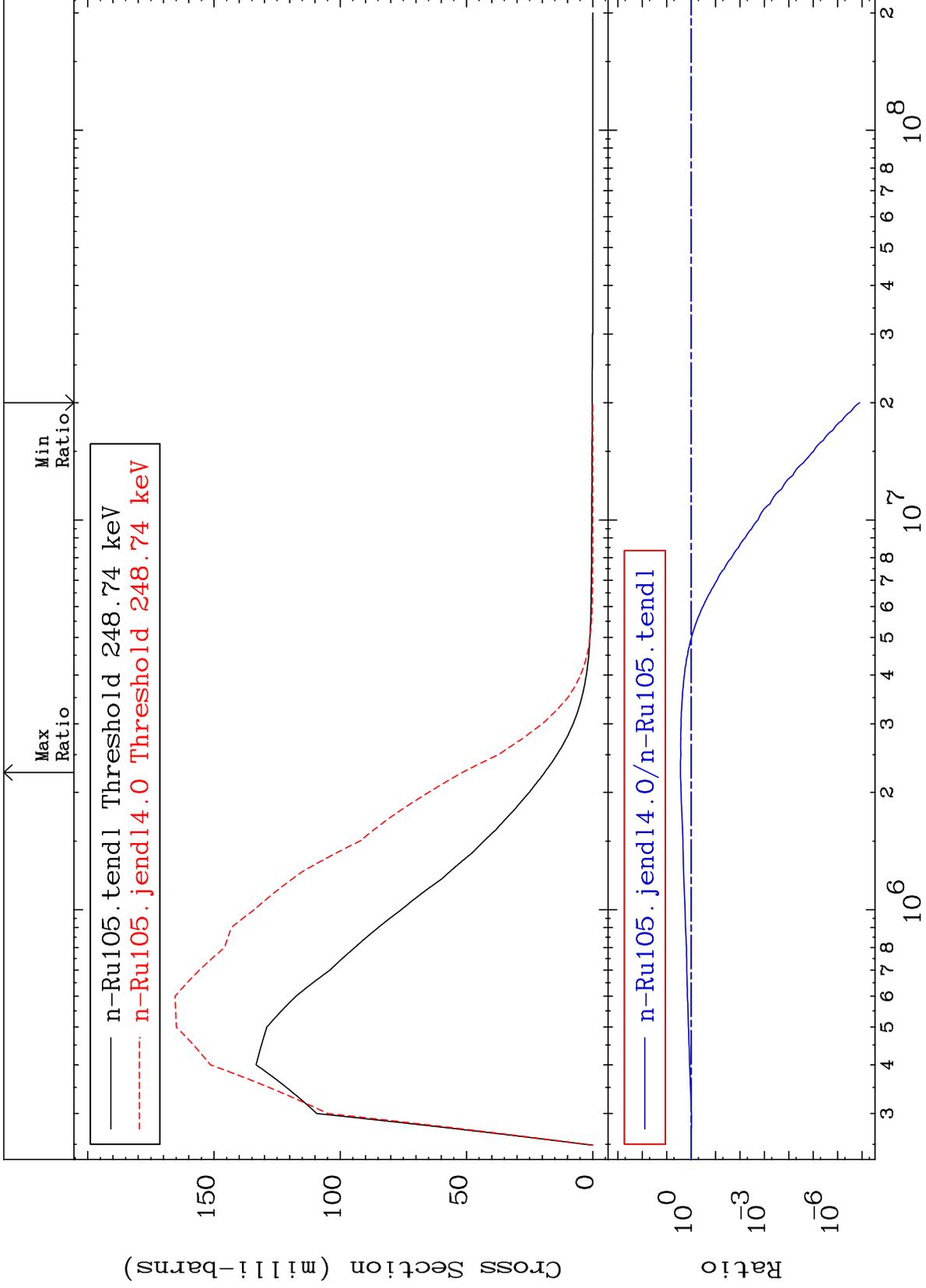
44-Ru-105
-100.0 To 249.4 %



MAT 4452

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

44-Ru-105
-100.0 To 170.8 %



16

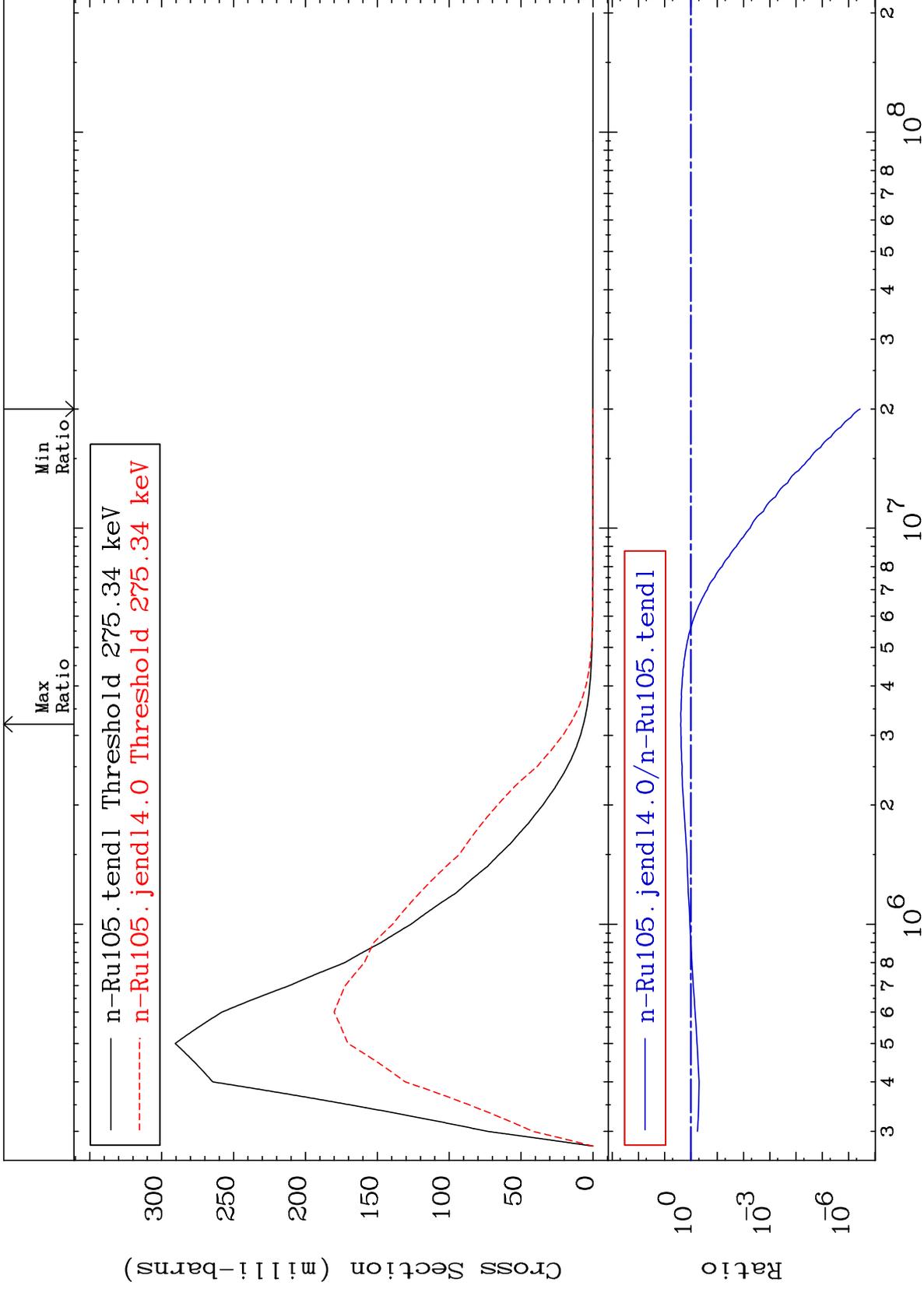
Incident Energy (eV)

44-Ru-105

MAT 4452

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

44-Ru-105
-100.0 To 145.1 %



17

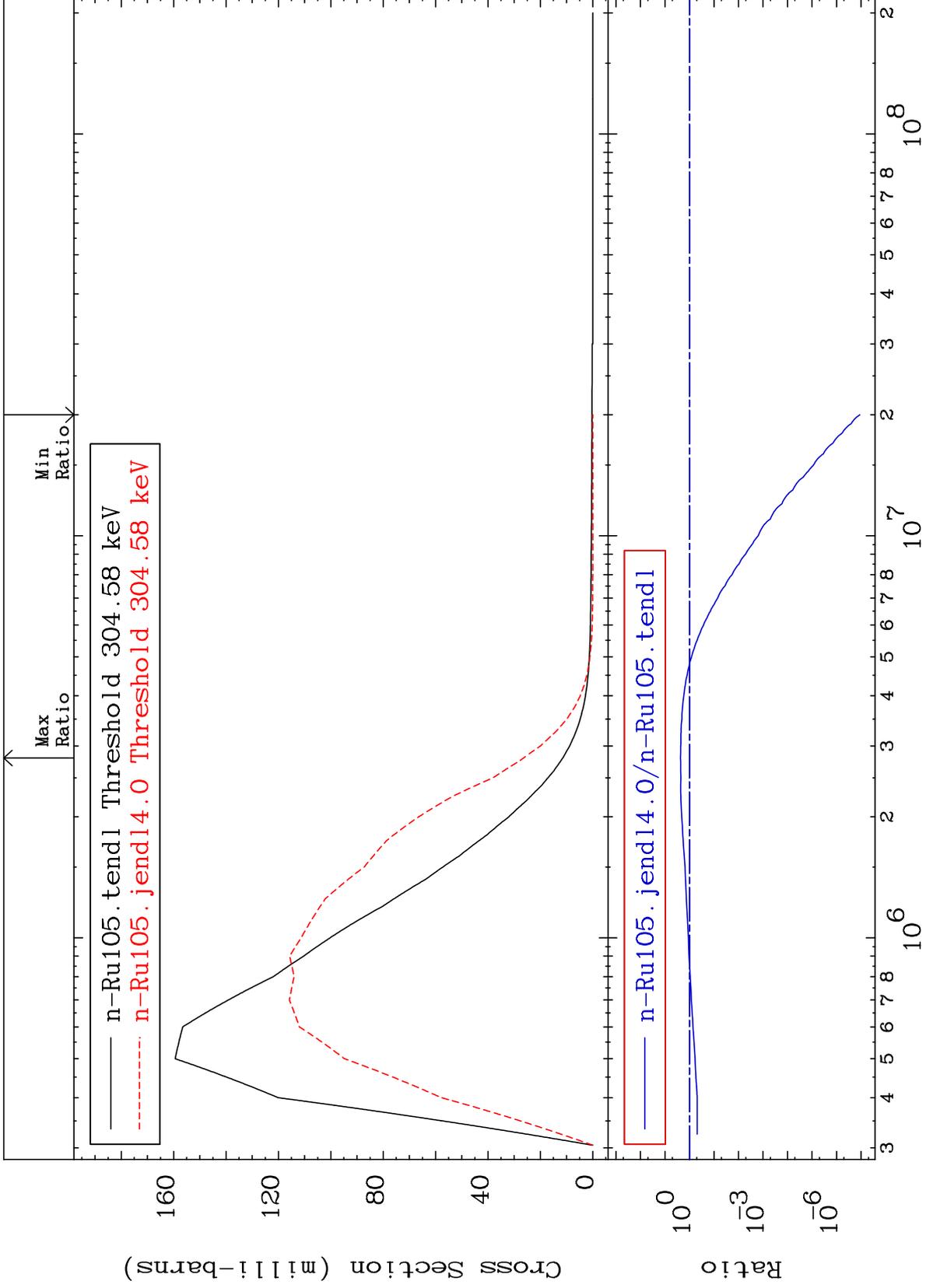
Incident Energy (eV)

44-Ru-105

MAT 4452

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

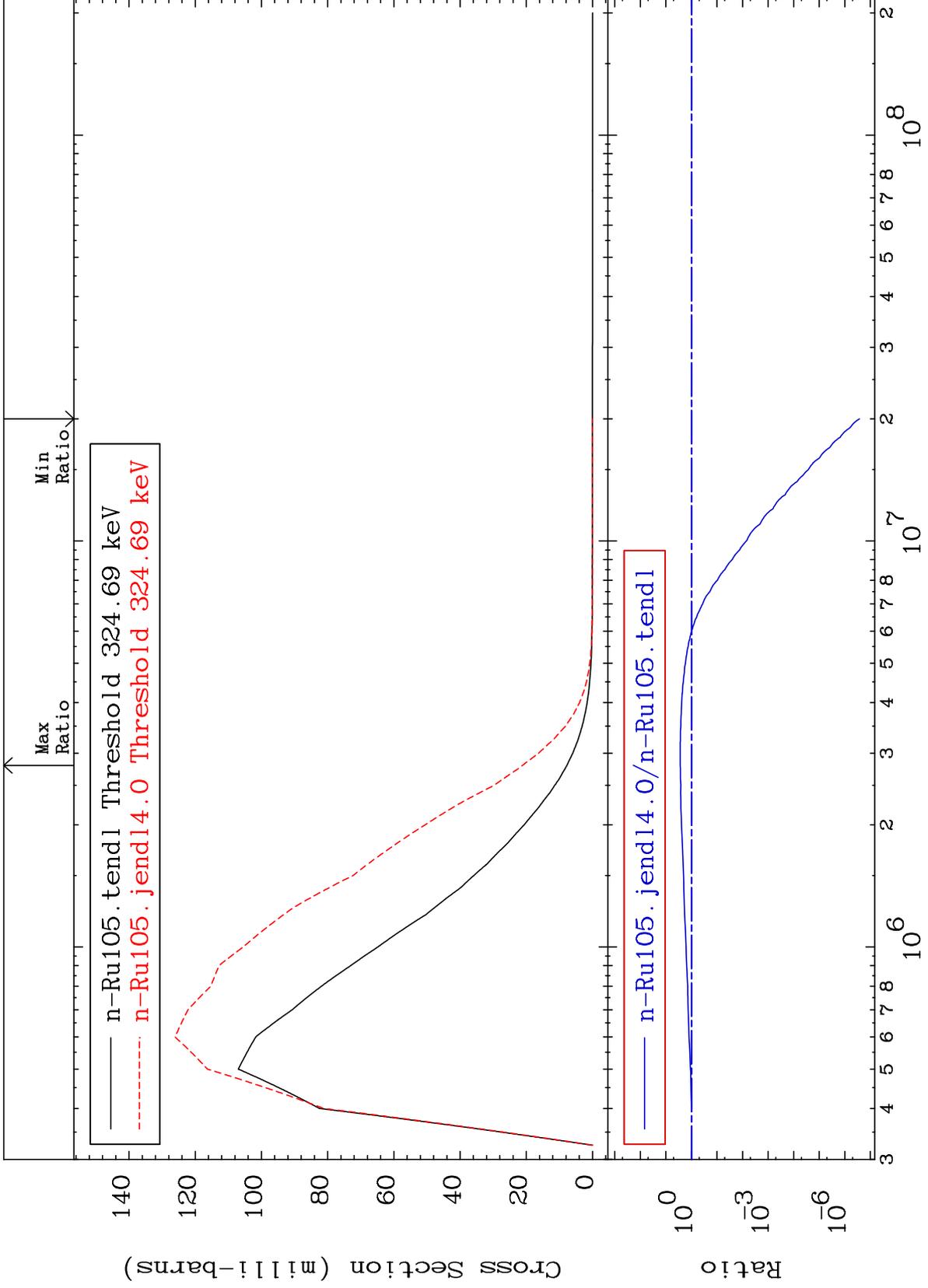
44-Ru-105
-100.0 To 131.8 %



MAT 4452

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

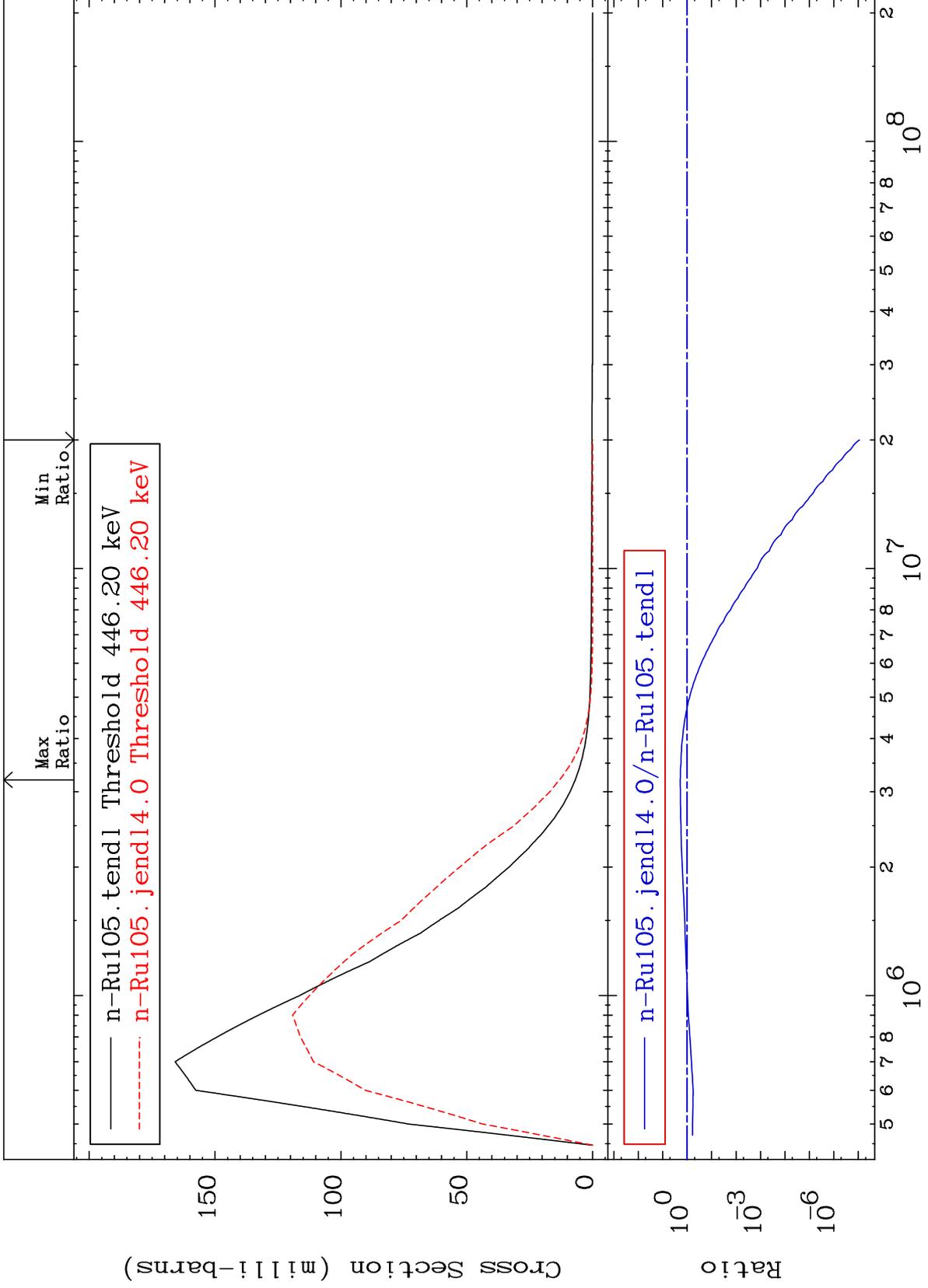
44-Ru-105
-100.0 To 173.7 %



MAT 4452

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

44-Ru-105
-100.0 To 91.72 %



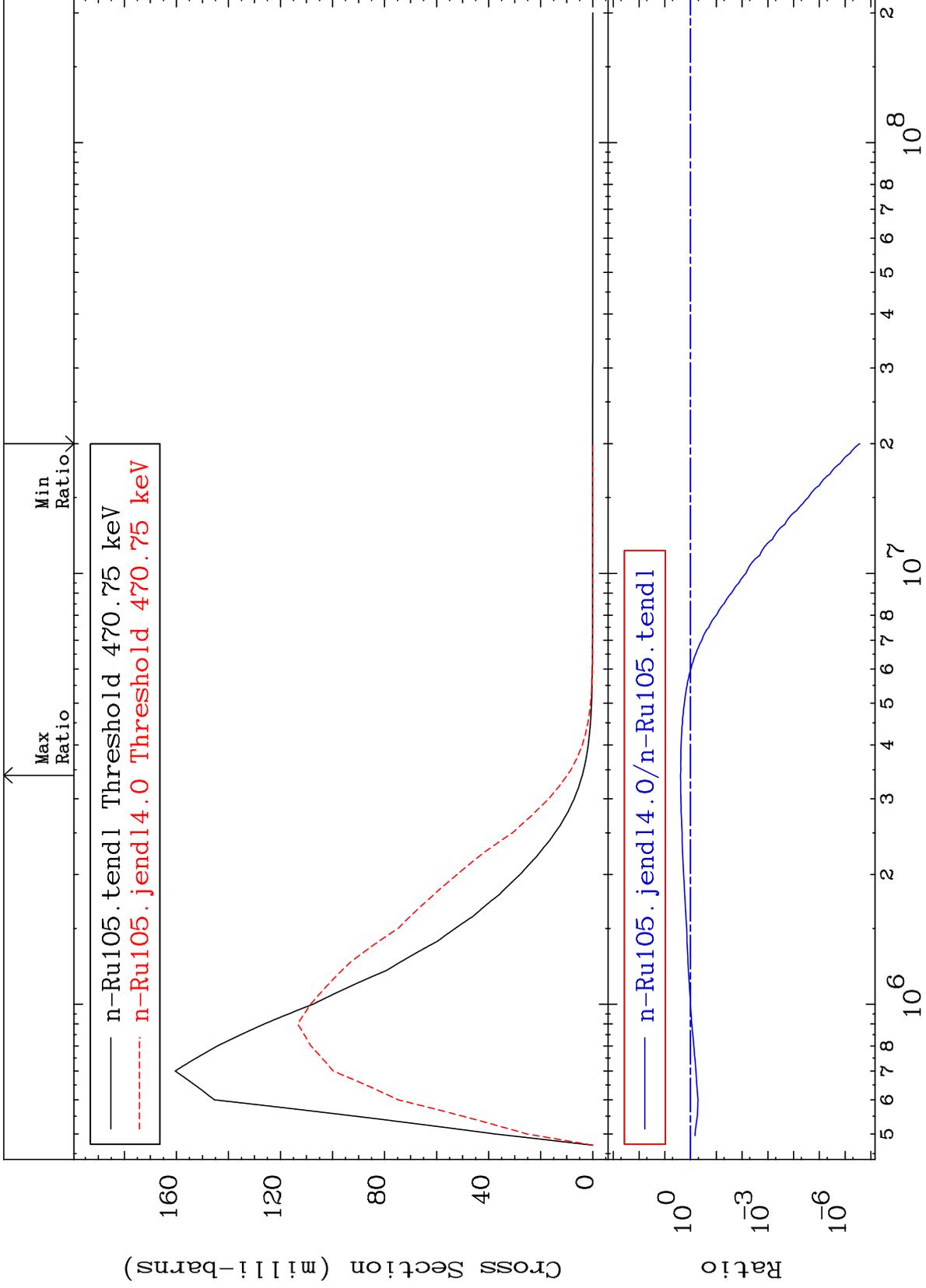
20

44-Ru-105

MAT 4452

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

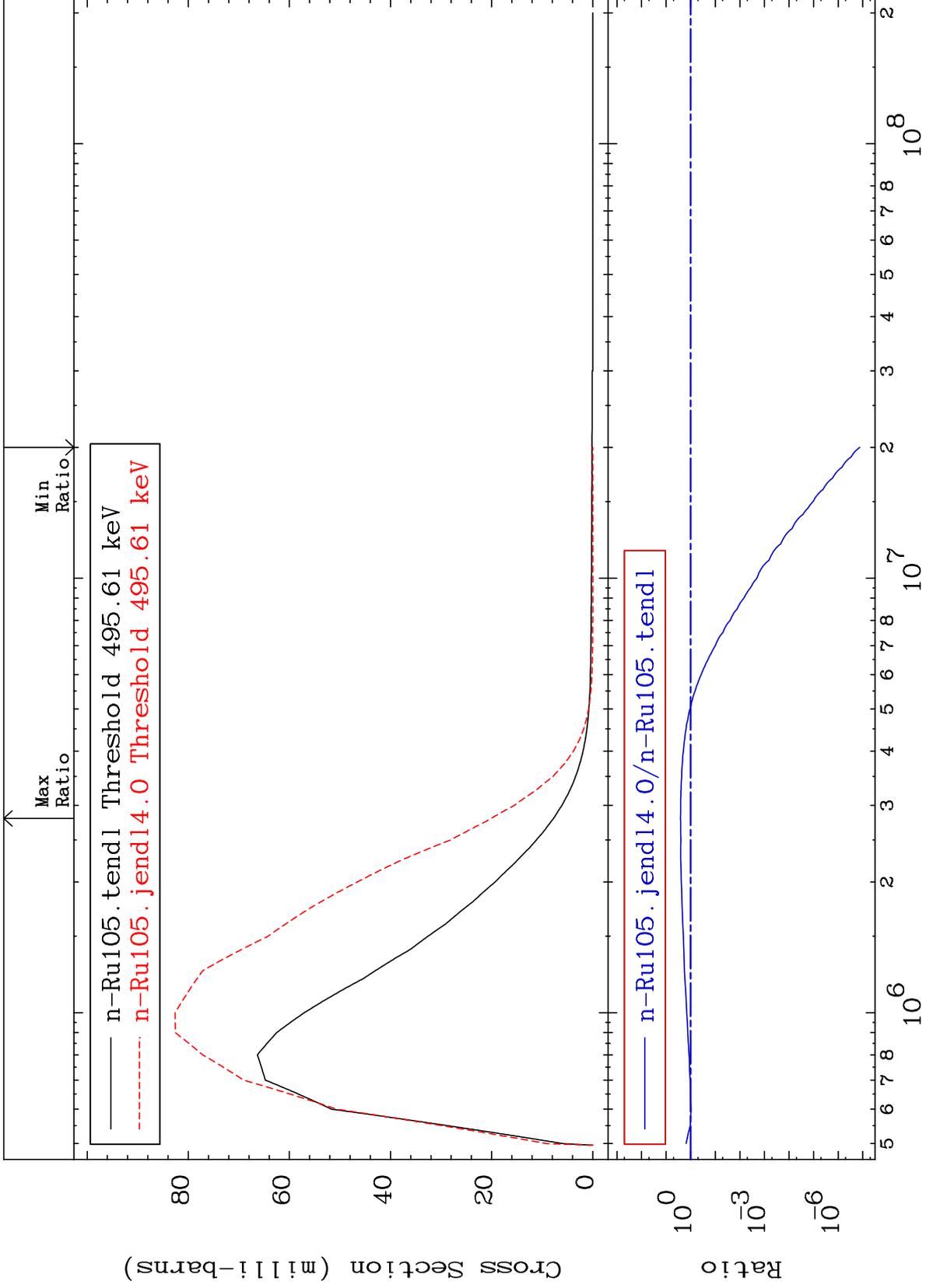
44-Ru-105
-100.0 To 145.8 %



MAT 4452

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

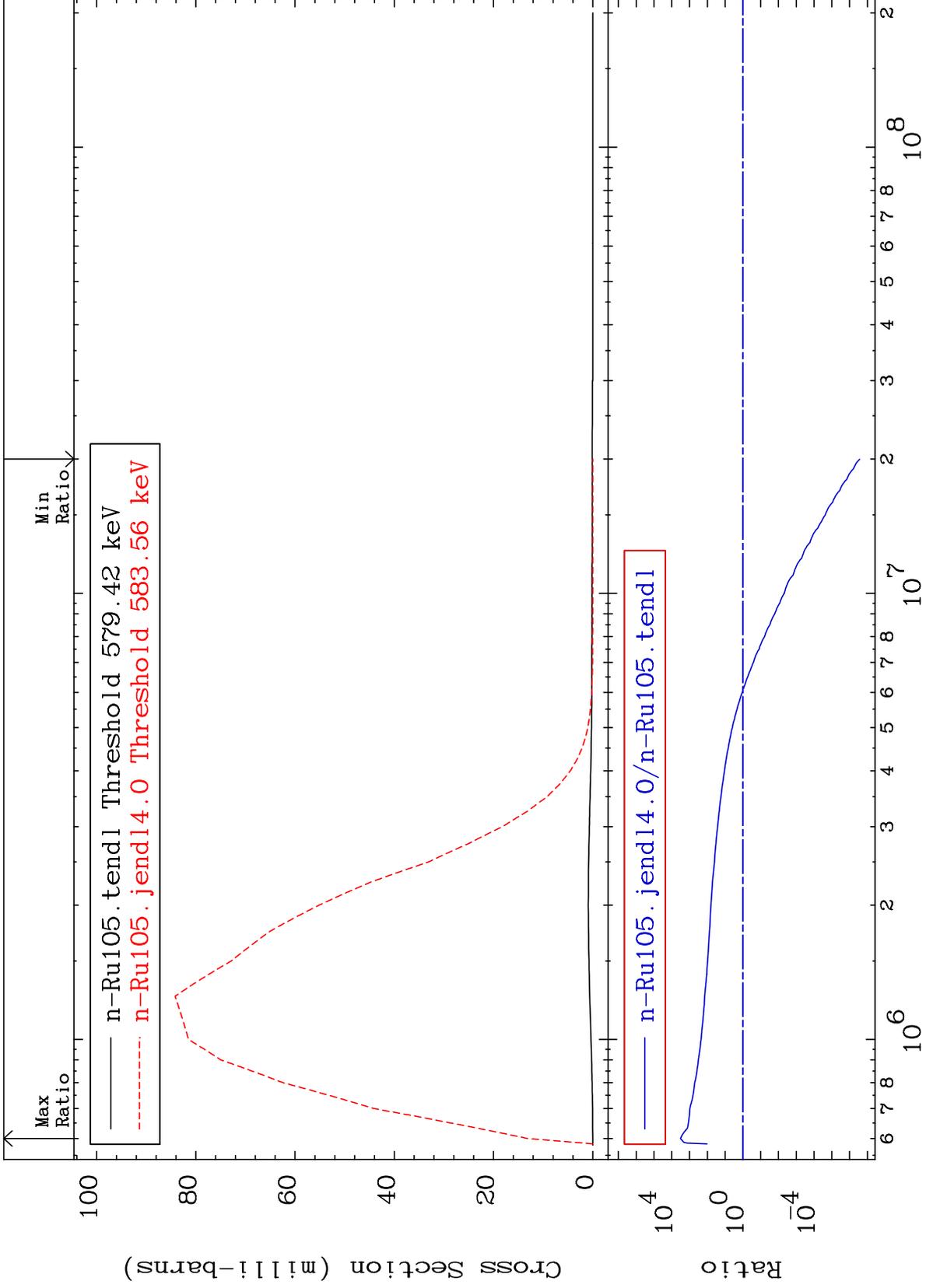
44-Ru-105
-100.0 To 159.7 %



MAT 4452

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

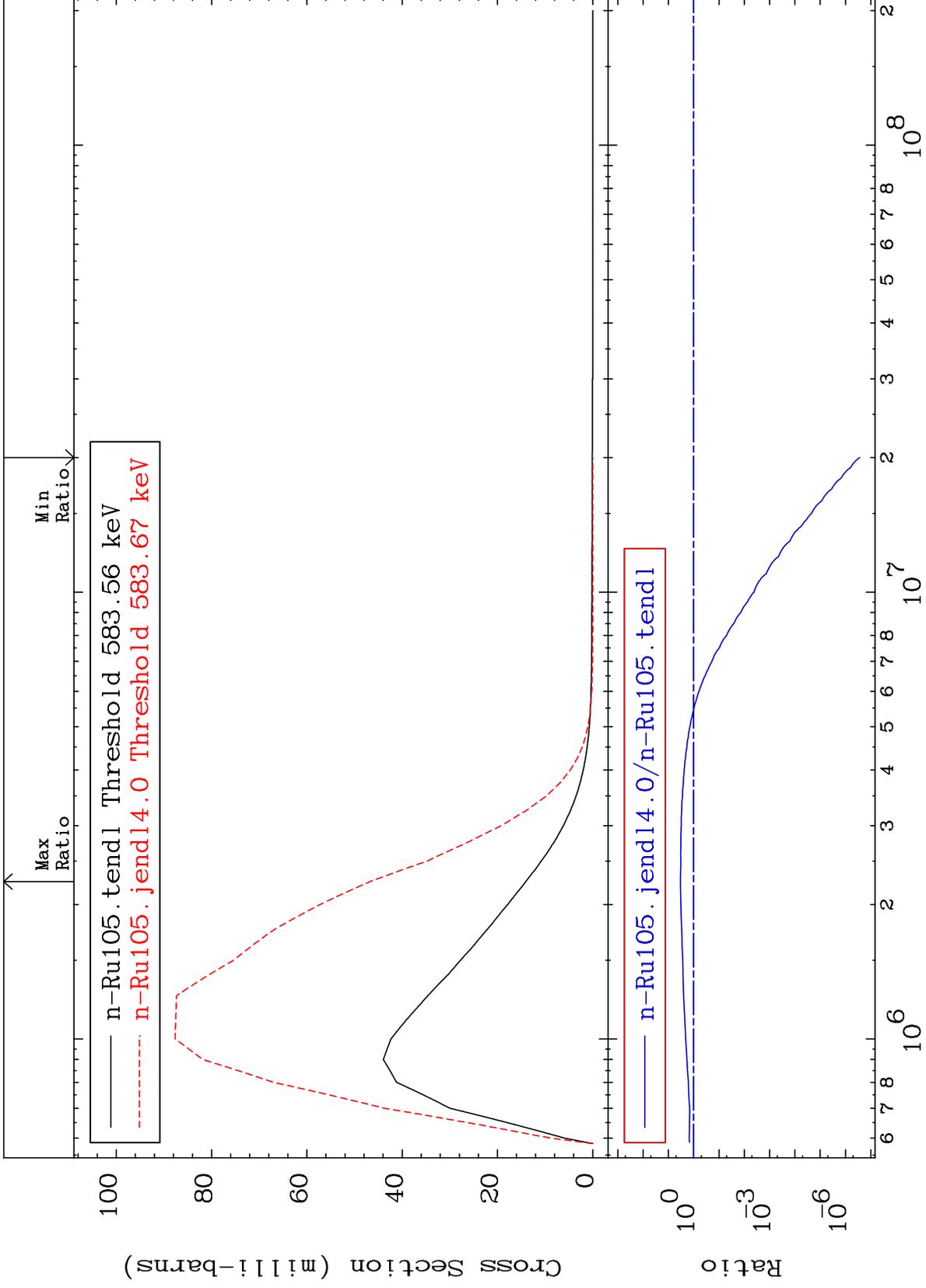
44-Ru-105
-100.0 To 9999. %



MAT 4452

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

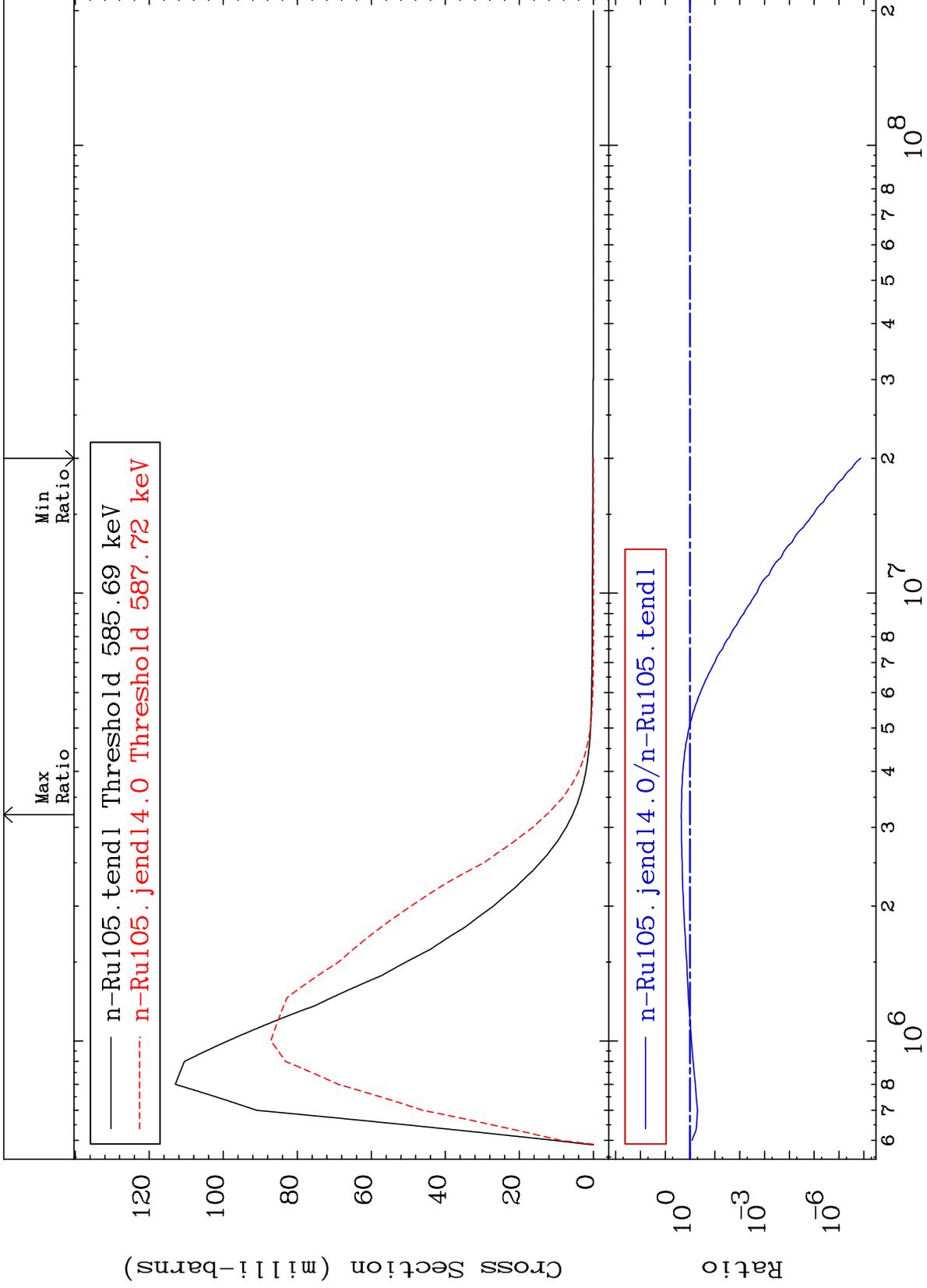
44-Ru-105
-100.0 To 232.3 %



MAT 4452

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

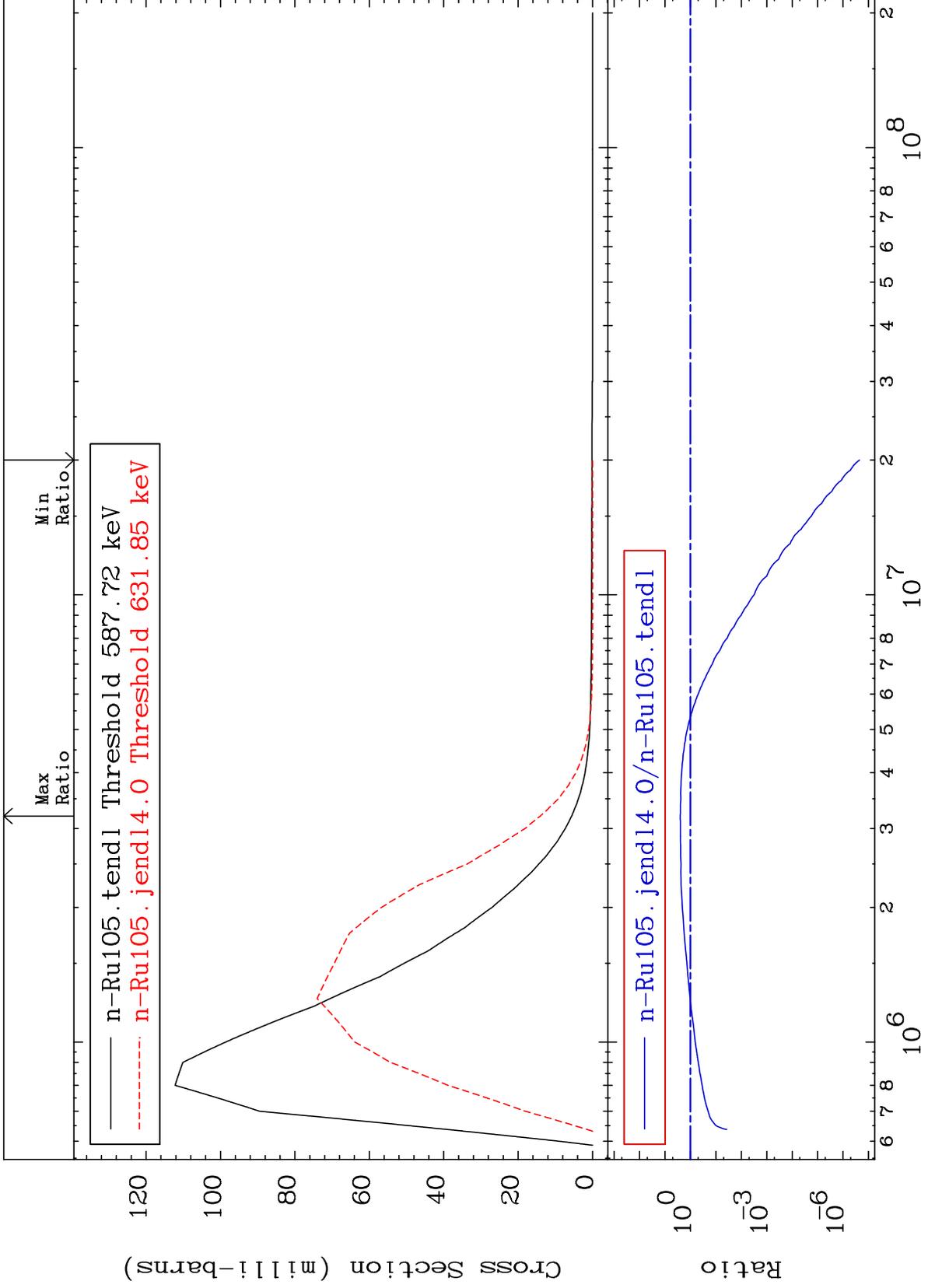
44-Ru-105
-100.0 To 126.6 %



MAT 4452

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

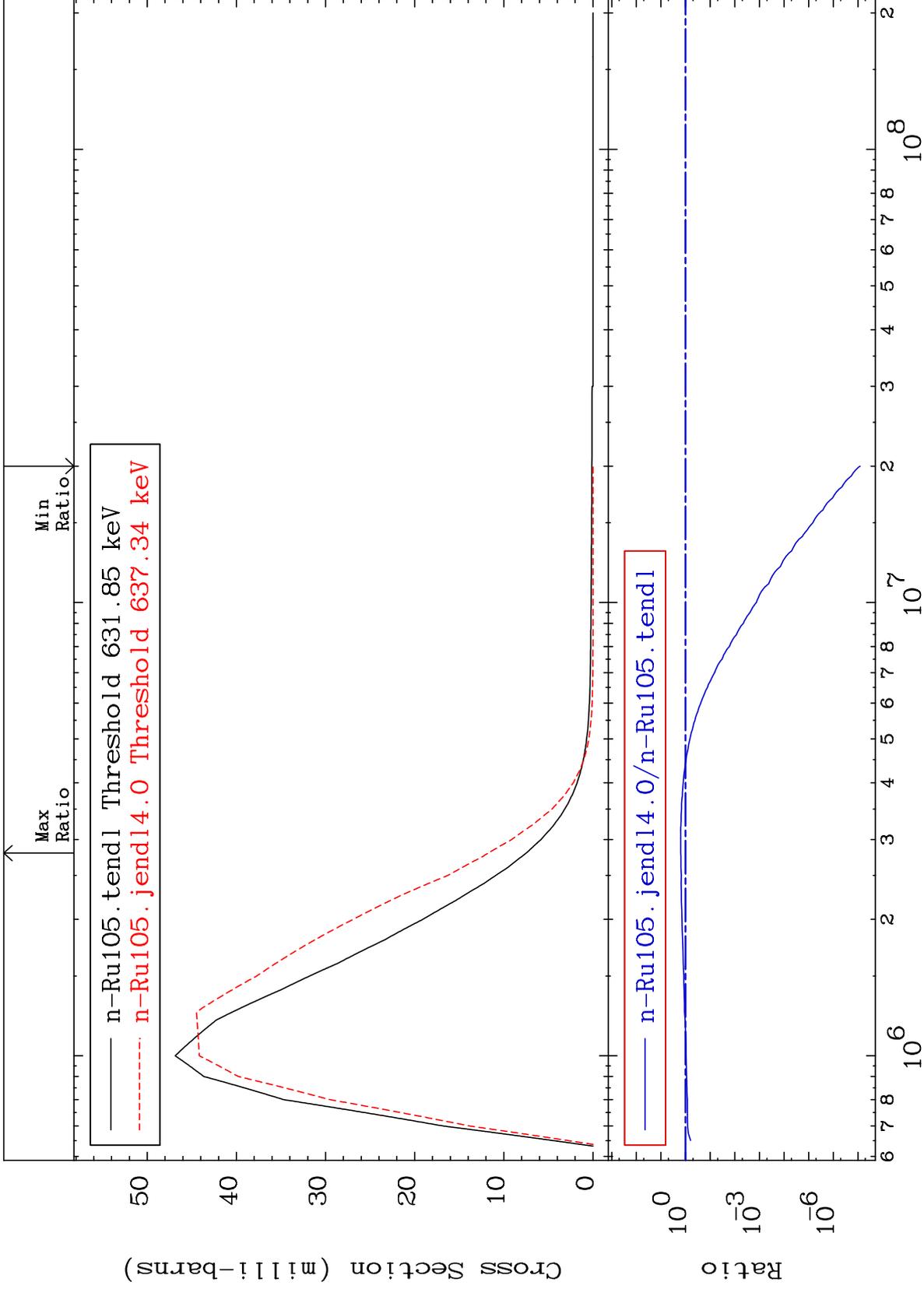
44-Ru-105
-100.0 To 151.7 %



MAT 4452

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

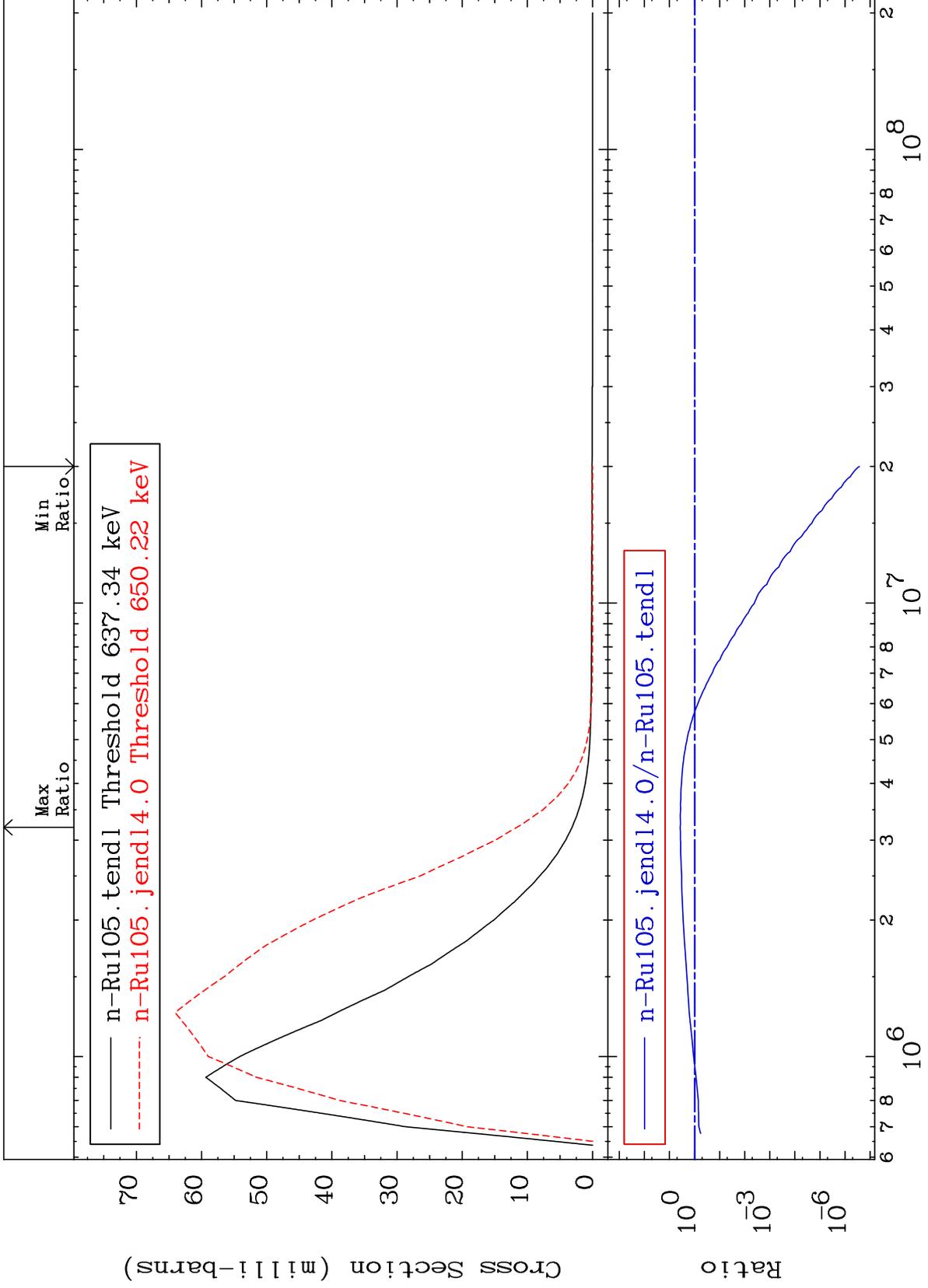
44-Ru-105
-100.0 To 56.96 %



MAT 4452

MT= 70 (n,n') Level
Cross Section

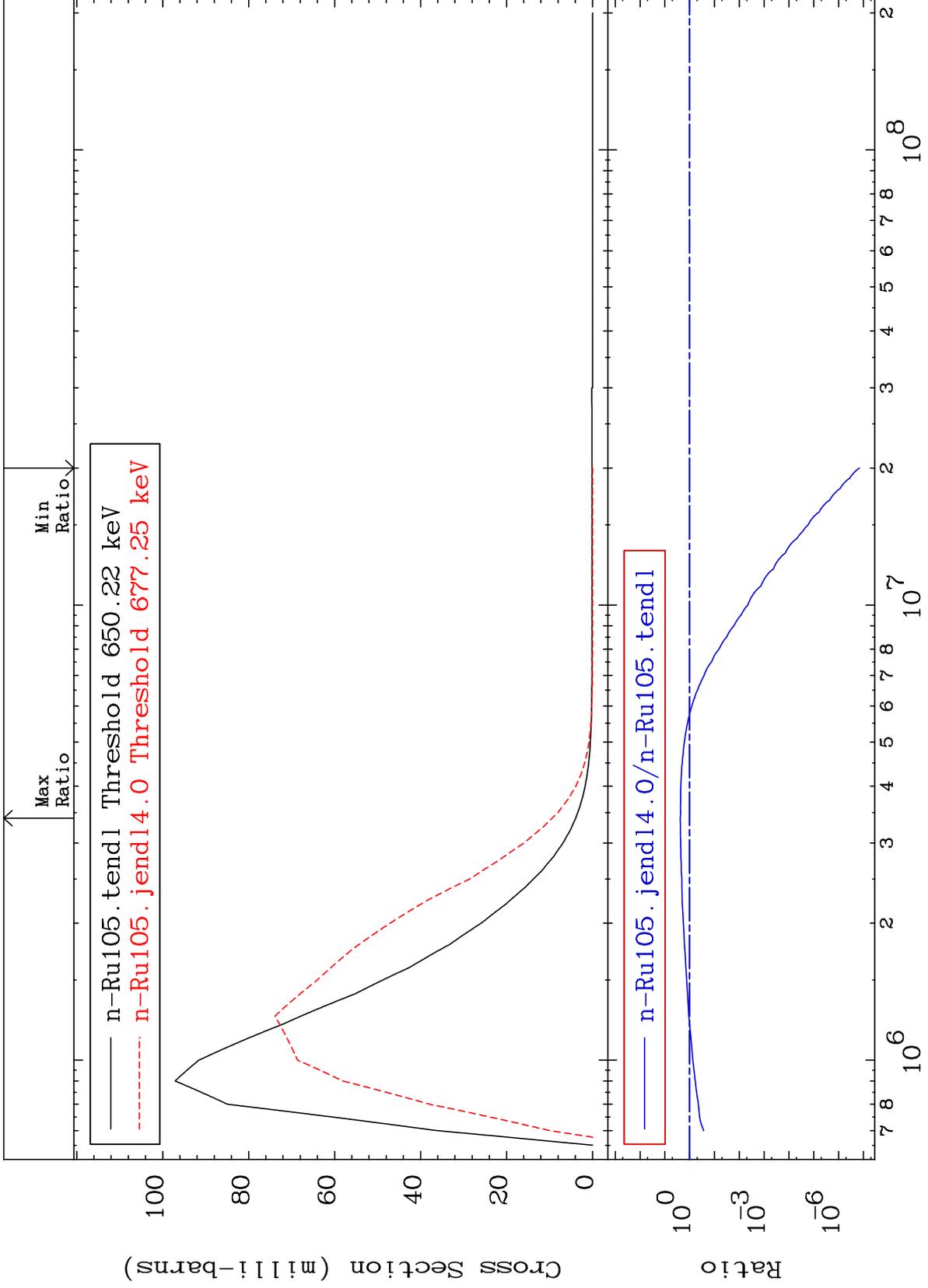
44-Ru-105
-100.0 To 270.6 %



MAT 4452

MT= 71 (n,n') Level
Cross Section

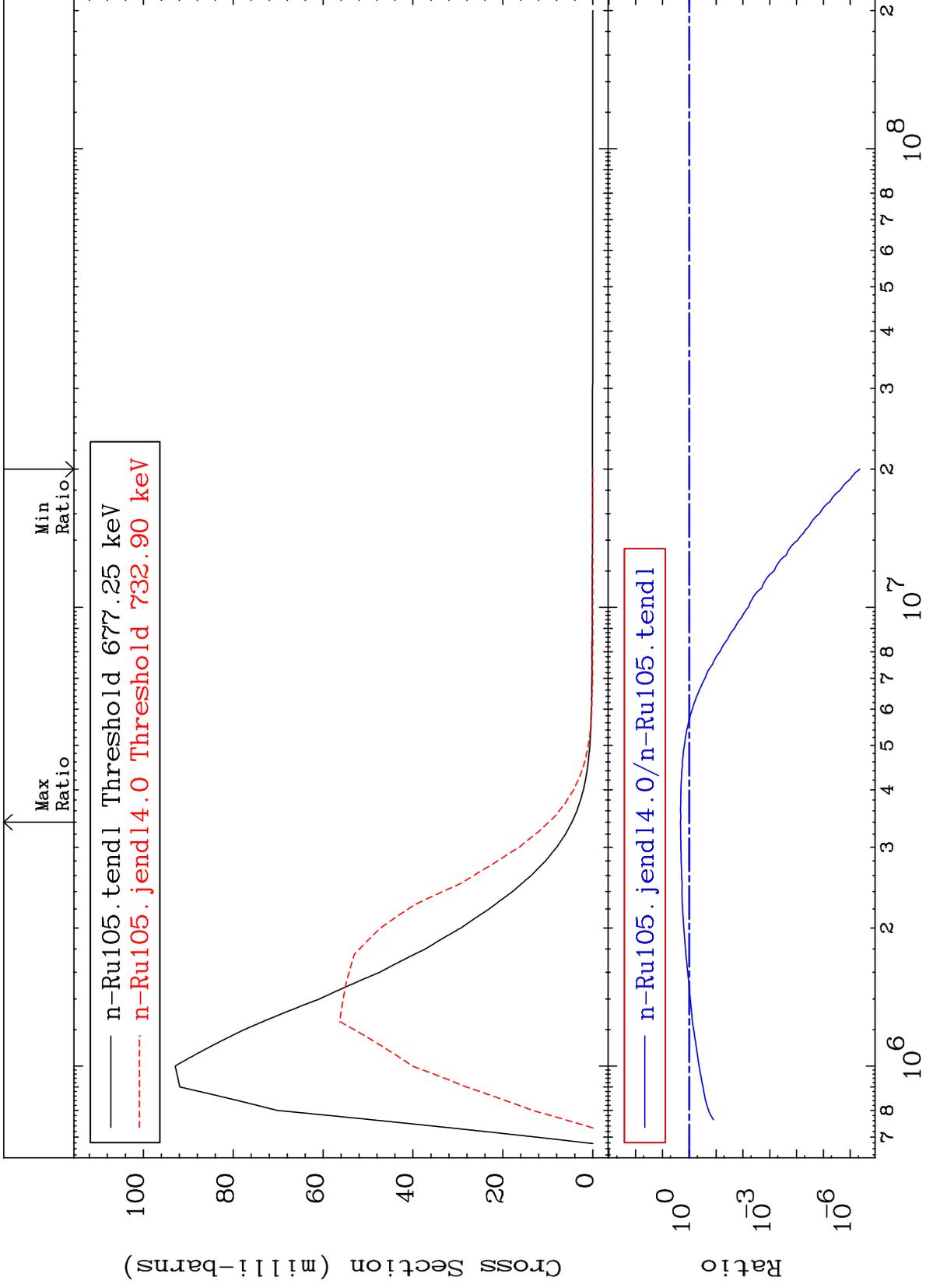
44-Ru-105
-100.0 To 139.9 %



MAT 4452

MT= 72 (n, n') Level
Cross Section

44-Ru-105
-100.0 To 112.3 %



30

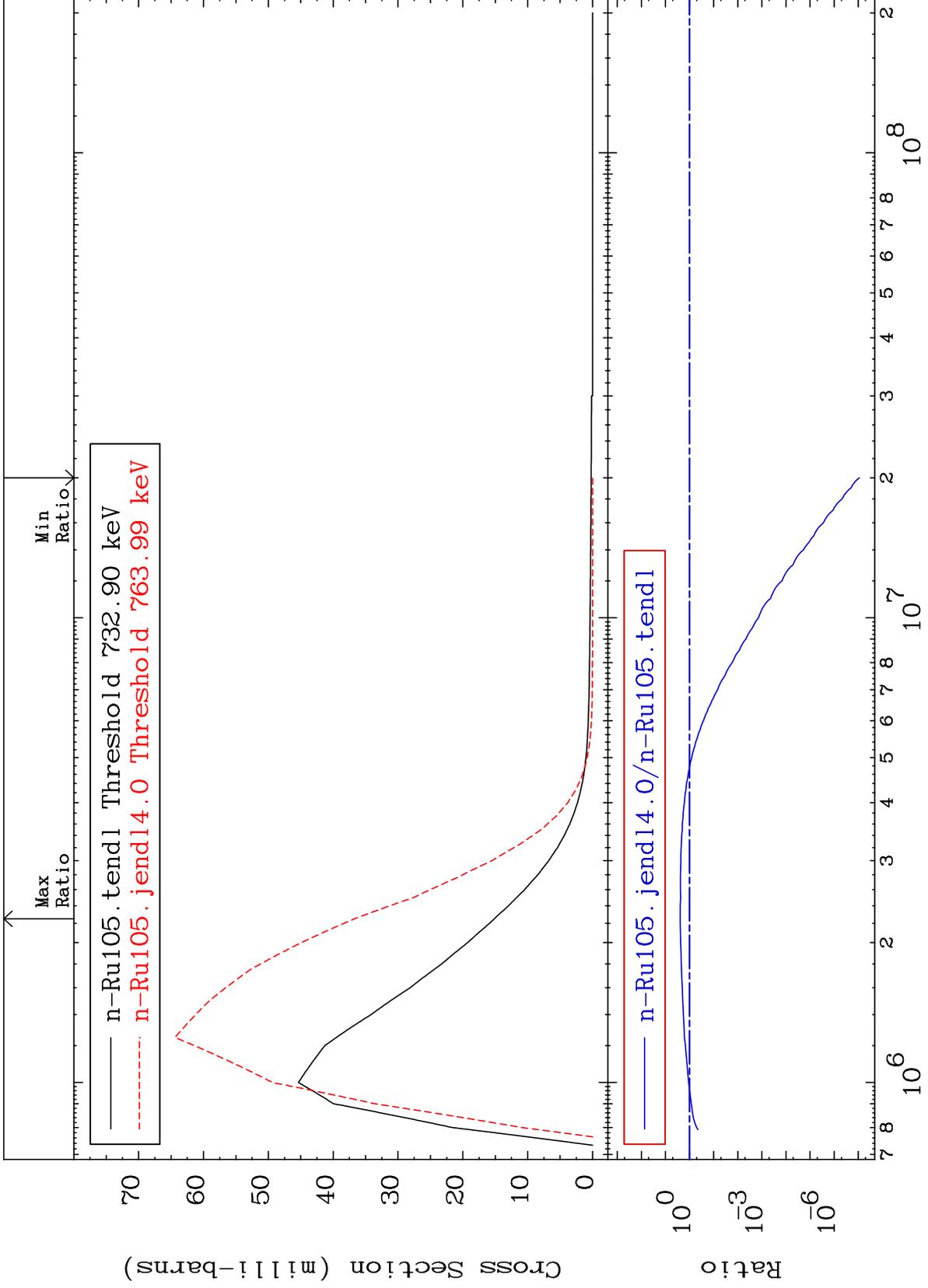
Incident Energy (eV)

44-Ru-105

MAT 4452

MT= 73 (n,n') Level
Cross Section

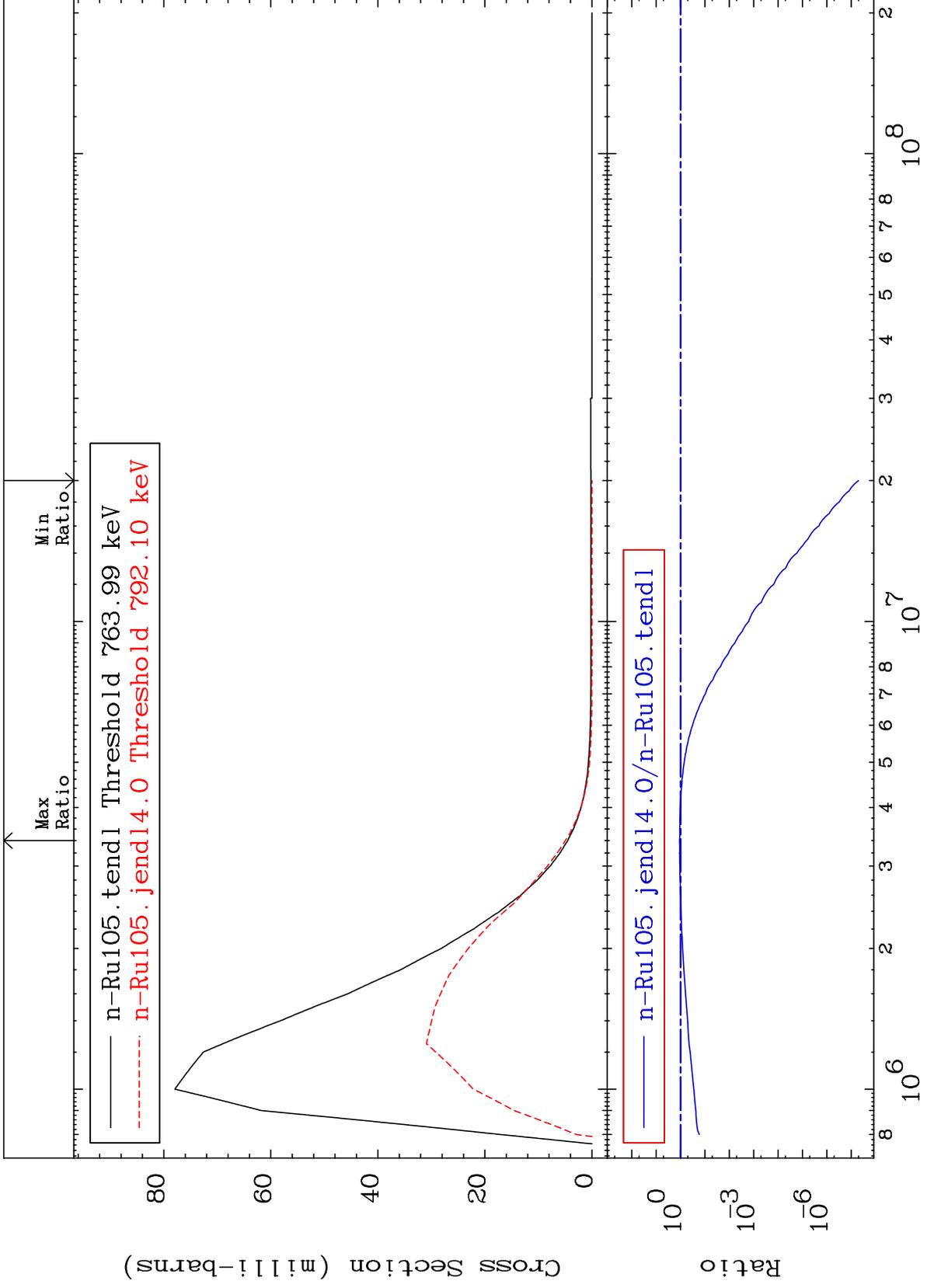
44-Ru-105
-100.0 To 142.3 %



MAT 4452

MT= 74 (n,n') Level
Cross Section

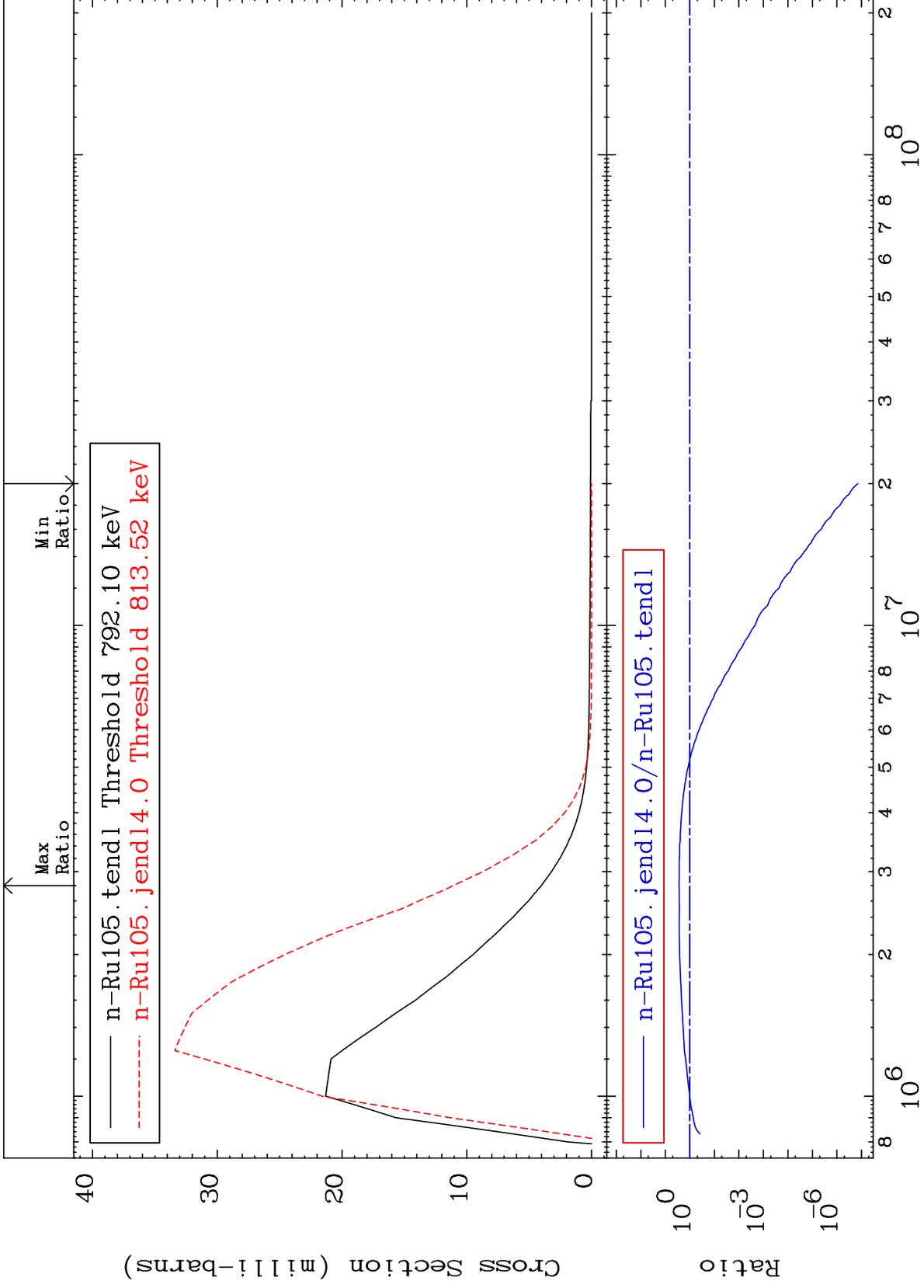
44-Ru-105
-100.0 To 9.463 %



MAT 4452

MT= 75 (n,n') Level
Cross Section

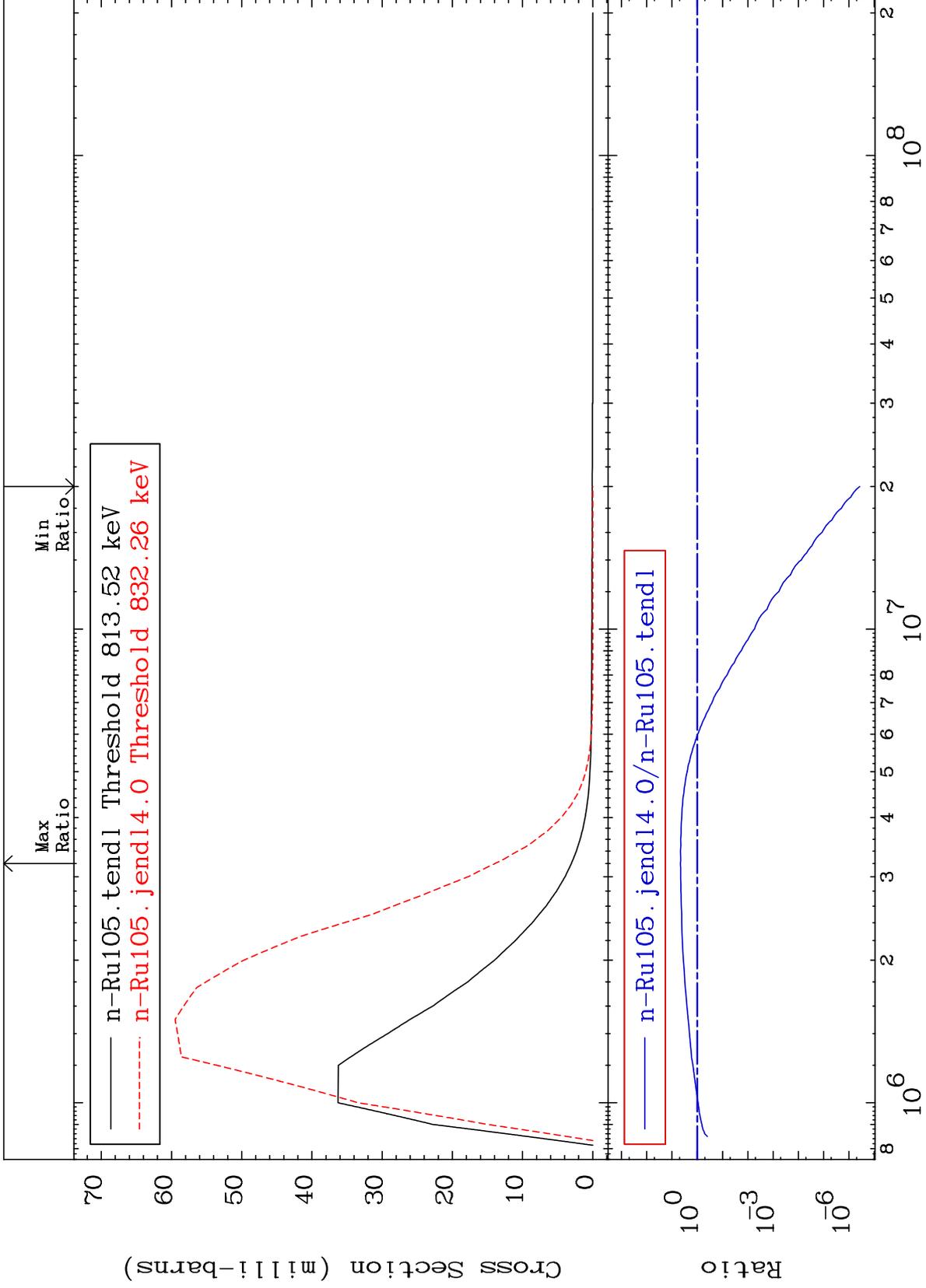
44-Ru-105
-100.0 To 175.8 %



MAT 4452

MT= 76 (n,n') Level
Cross Section

44-Ru-105
-100.0 To 359.4 %



34

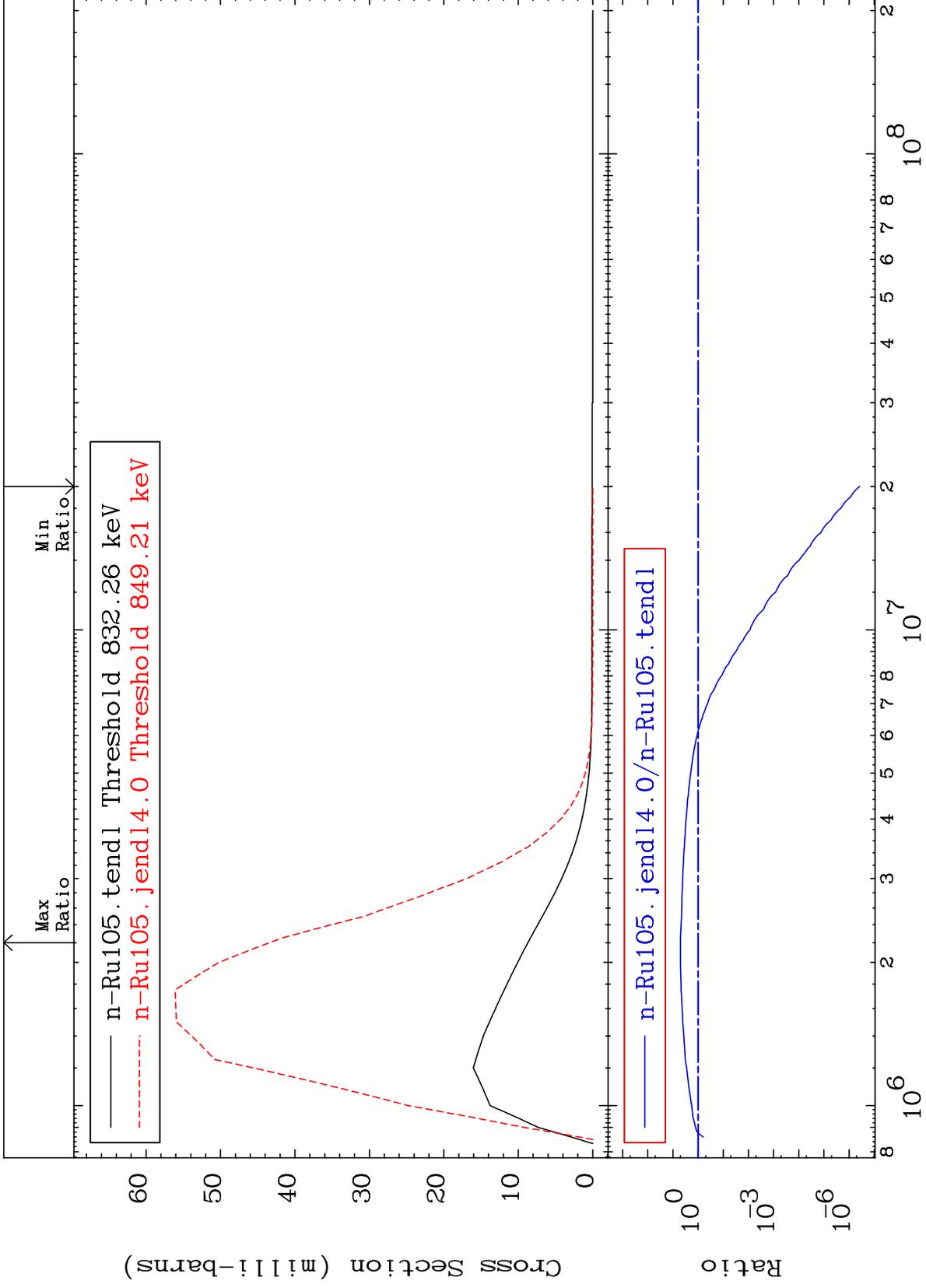
44-Ru-105

44-Ru-105

MAT 4452

MT= 77 (n,n') Level
Cross Section

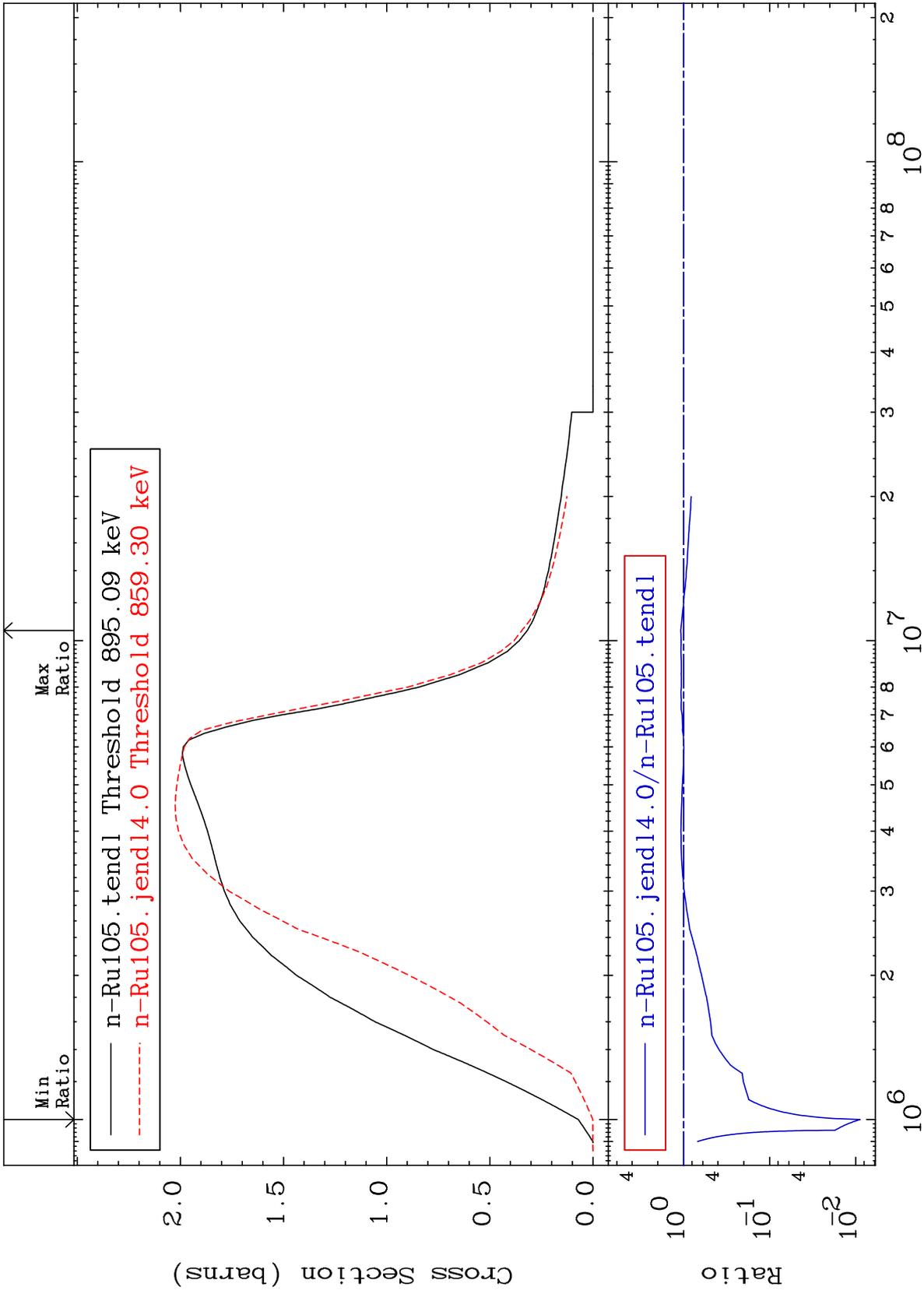
44-Ru-105
-100.0 To 398.5 %



35

Incident Energy (eV)

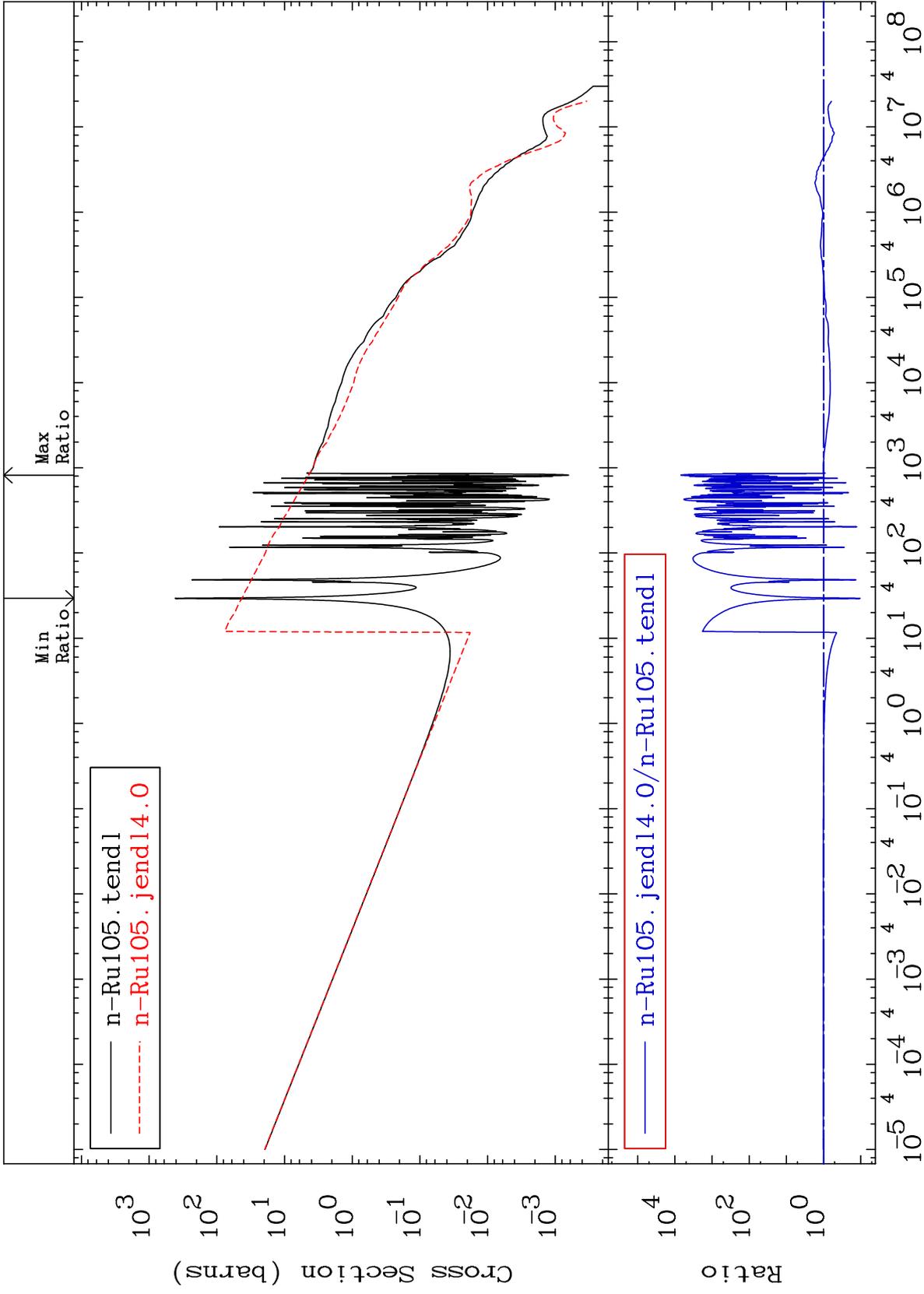
44-Ru-105



MAT 4452

(n, γ)
Cross Section

44-Ru-105
-89.67 To 9999. %



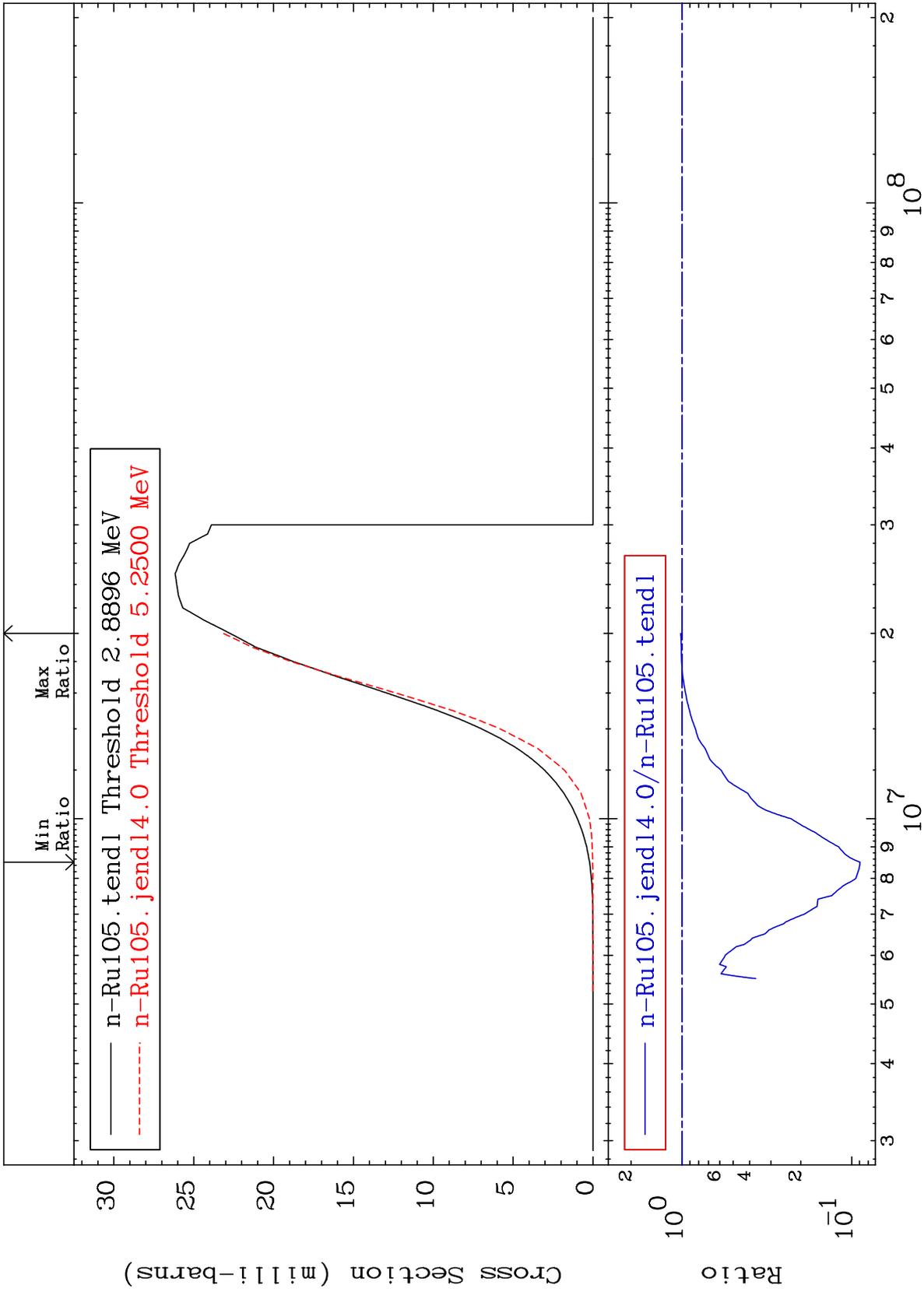
MAT 4452

(n,p)

44-Ru-105

Cross Section

-91.06 To 1.884 %



MAT 4452

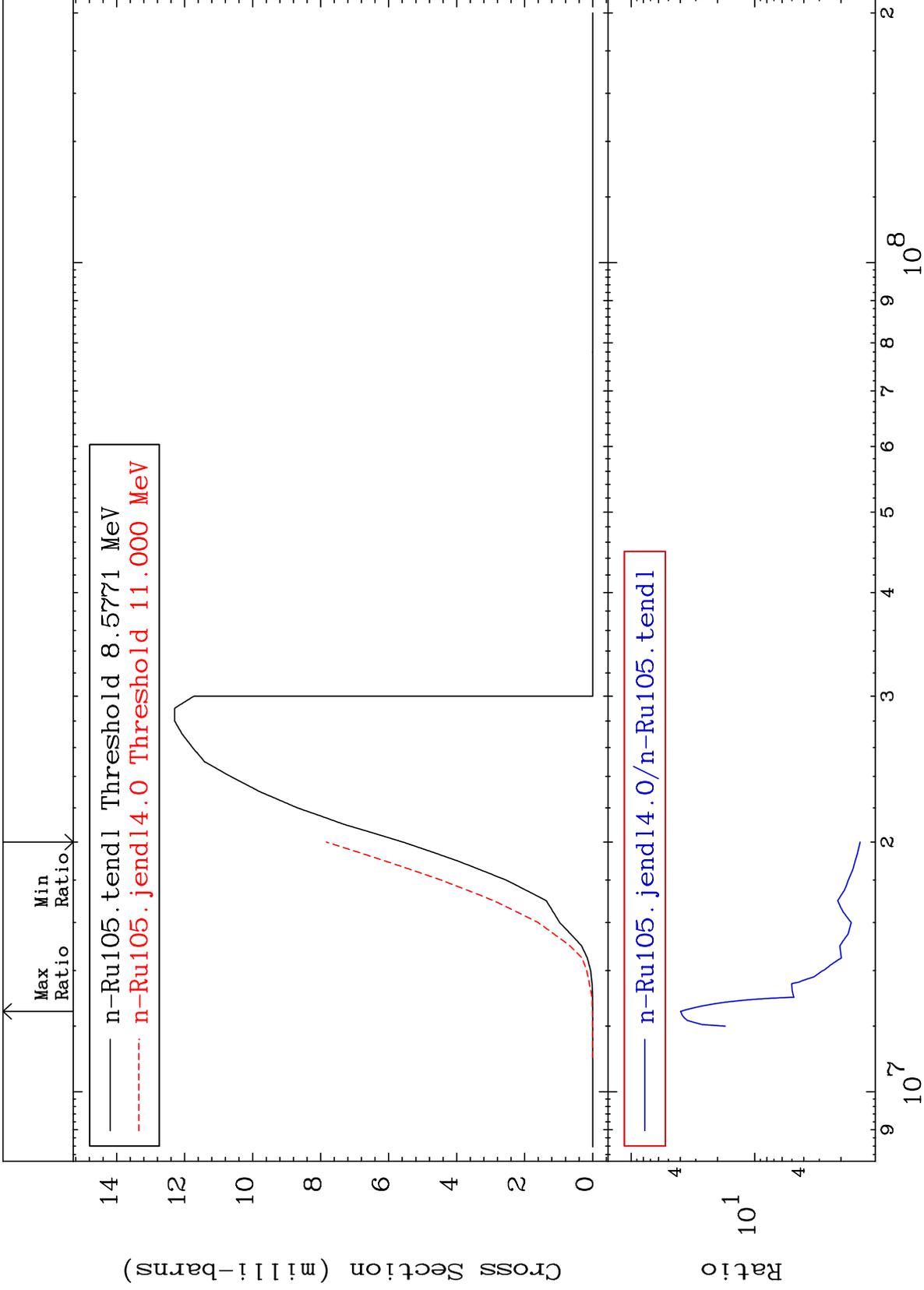
(n, d)

44-Ru-105

Cross Section

40.44

To 3888. %



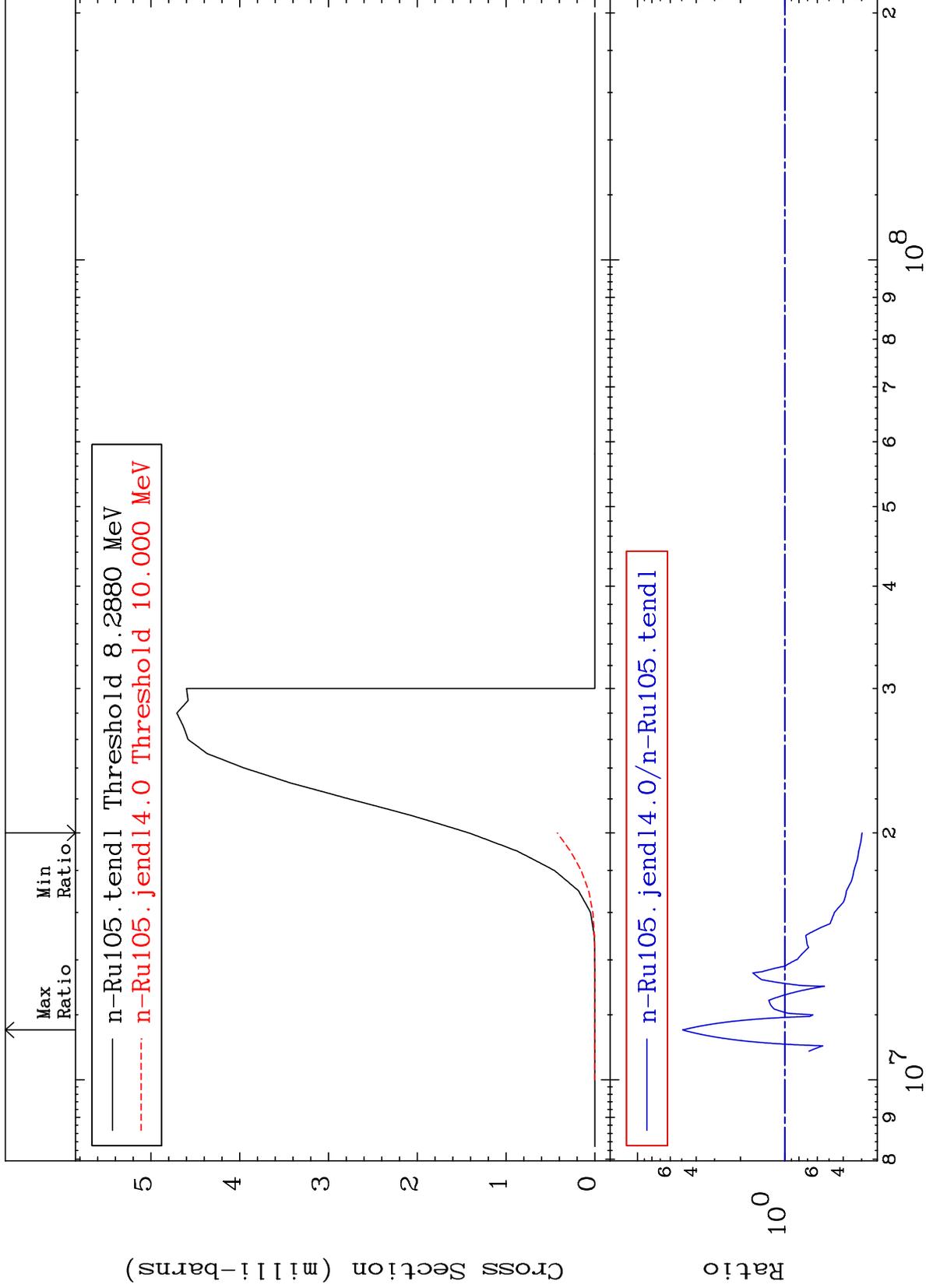
MAT 4452

(n, t)

44-Ru-105

Cross Section

-70.20 To 393.7 %



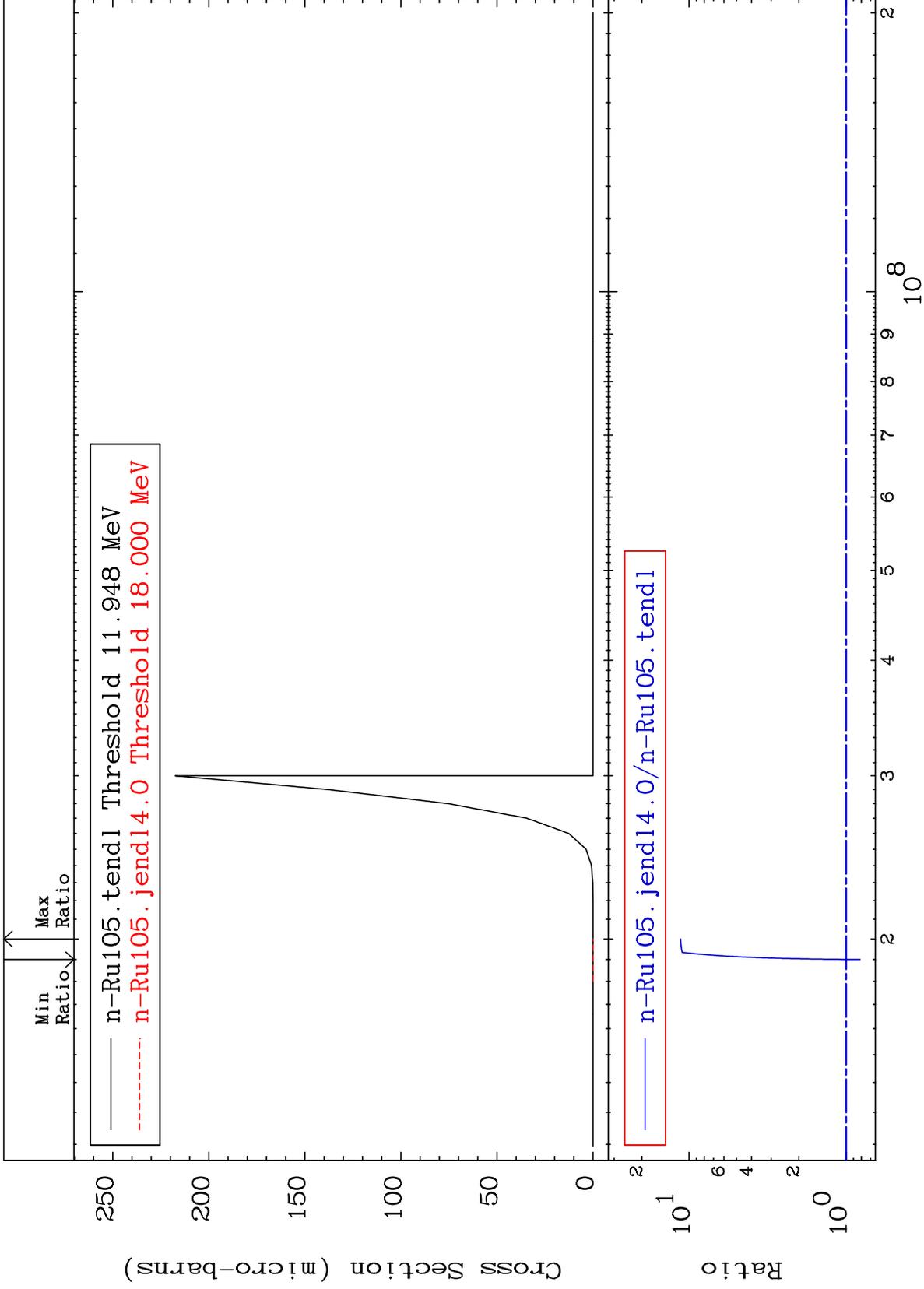
40

44-Ru-105

44-Ru-105

Cross Section

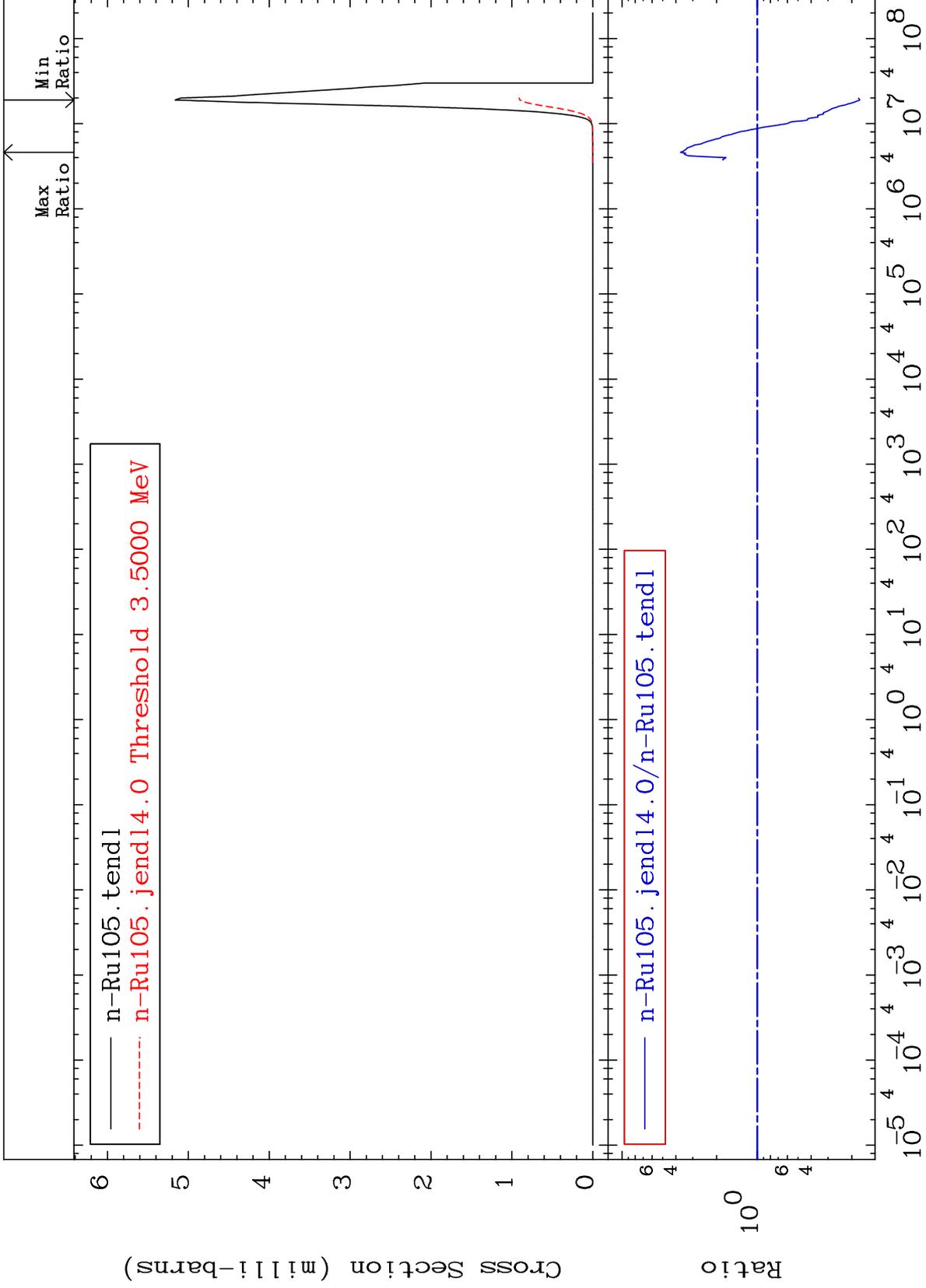
-18.53 To 1030. %

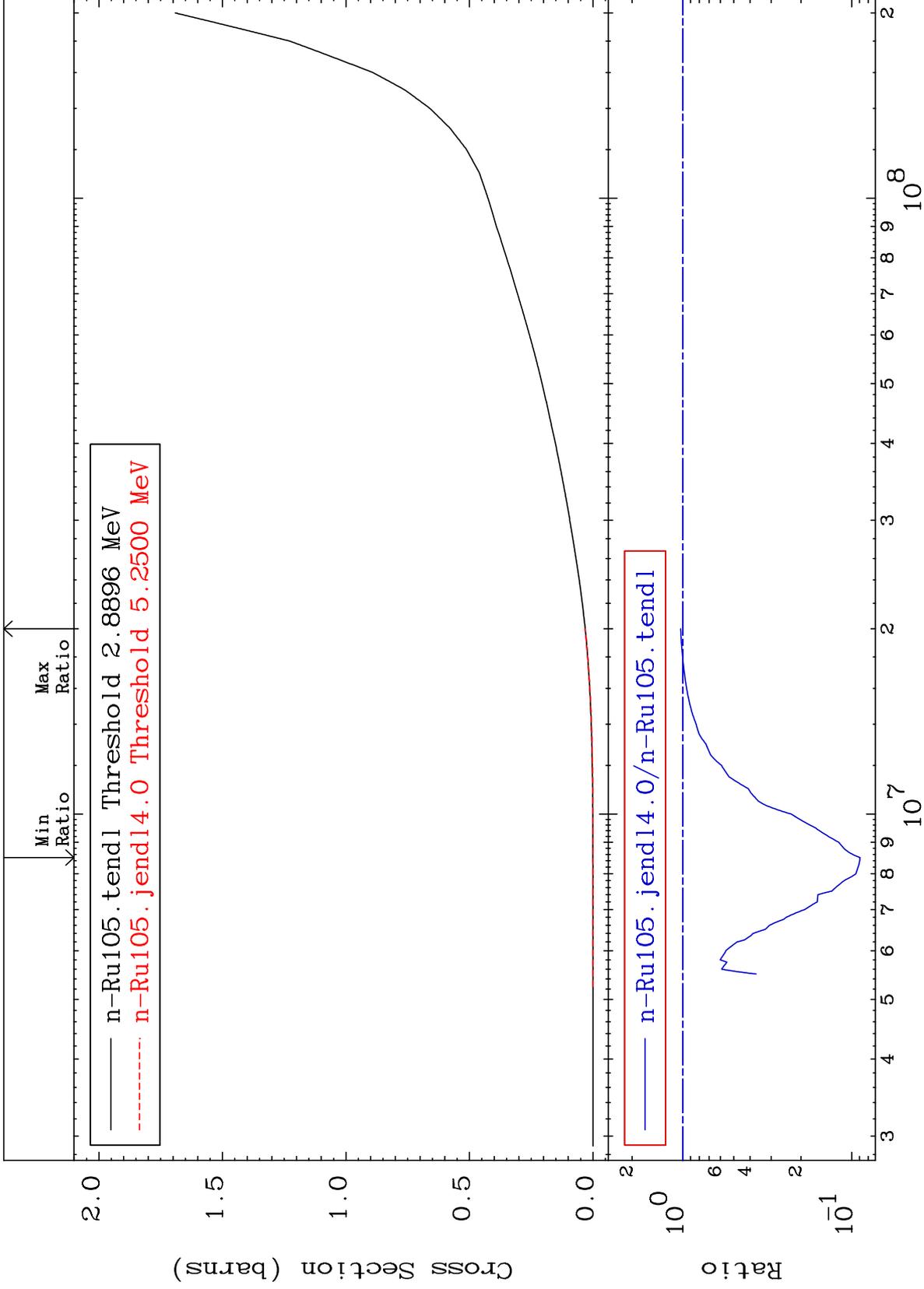


MAT 4452

(n, α)
Cross Section

44-Ru-105
-82.55 To 269.8 %

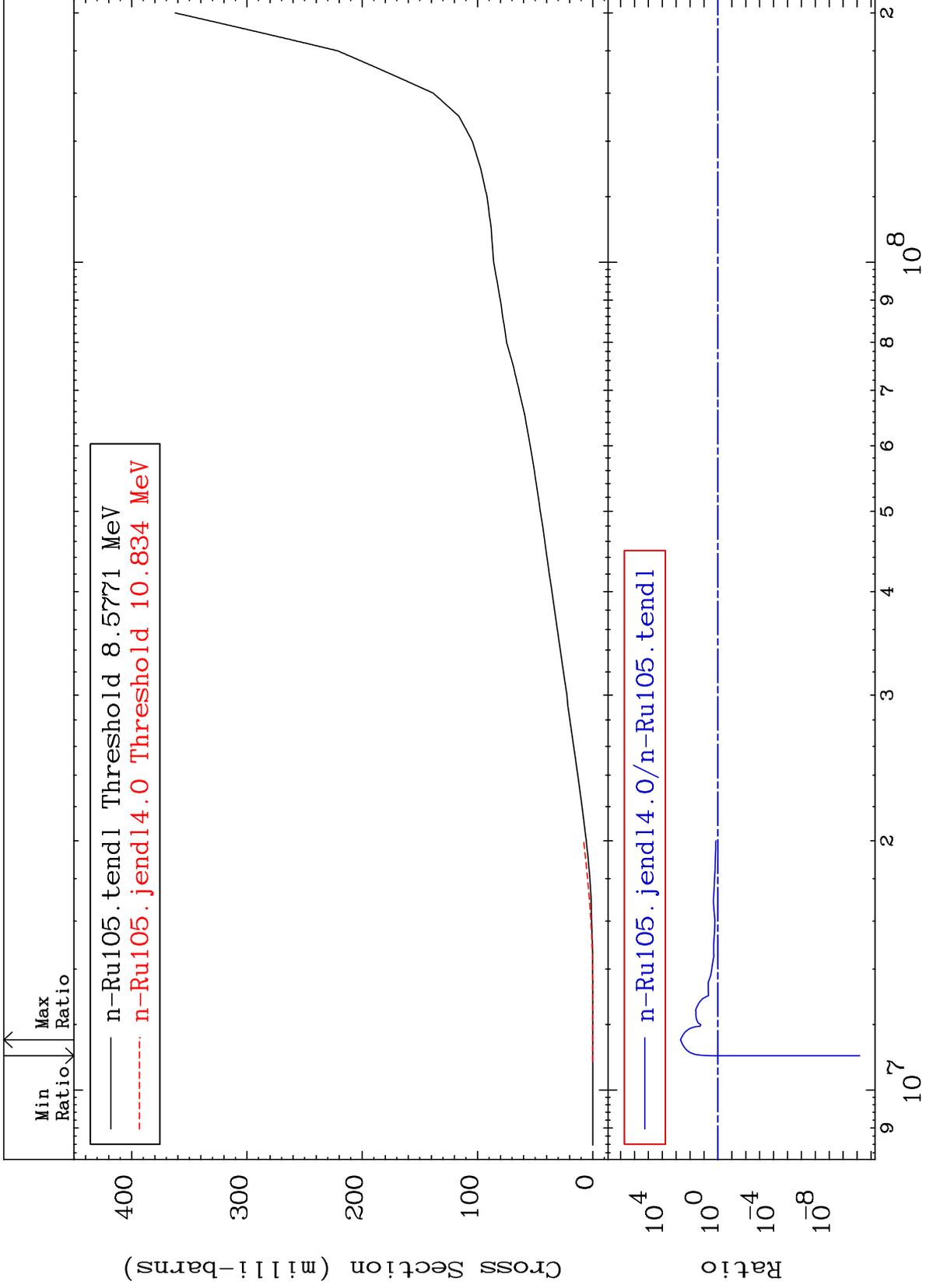




MAT 4452

Deuterium Production
Cross Section

44-Ru-105
-100.0 To 9999. %



44

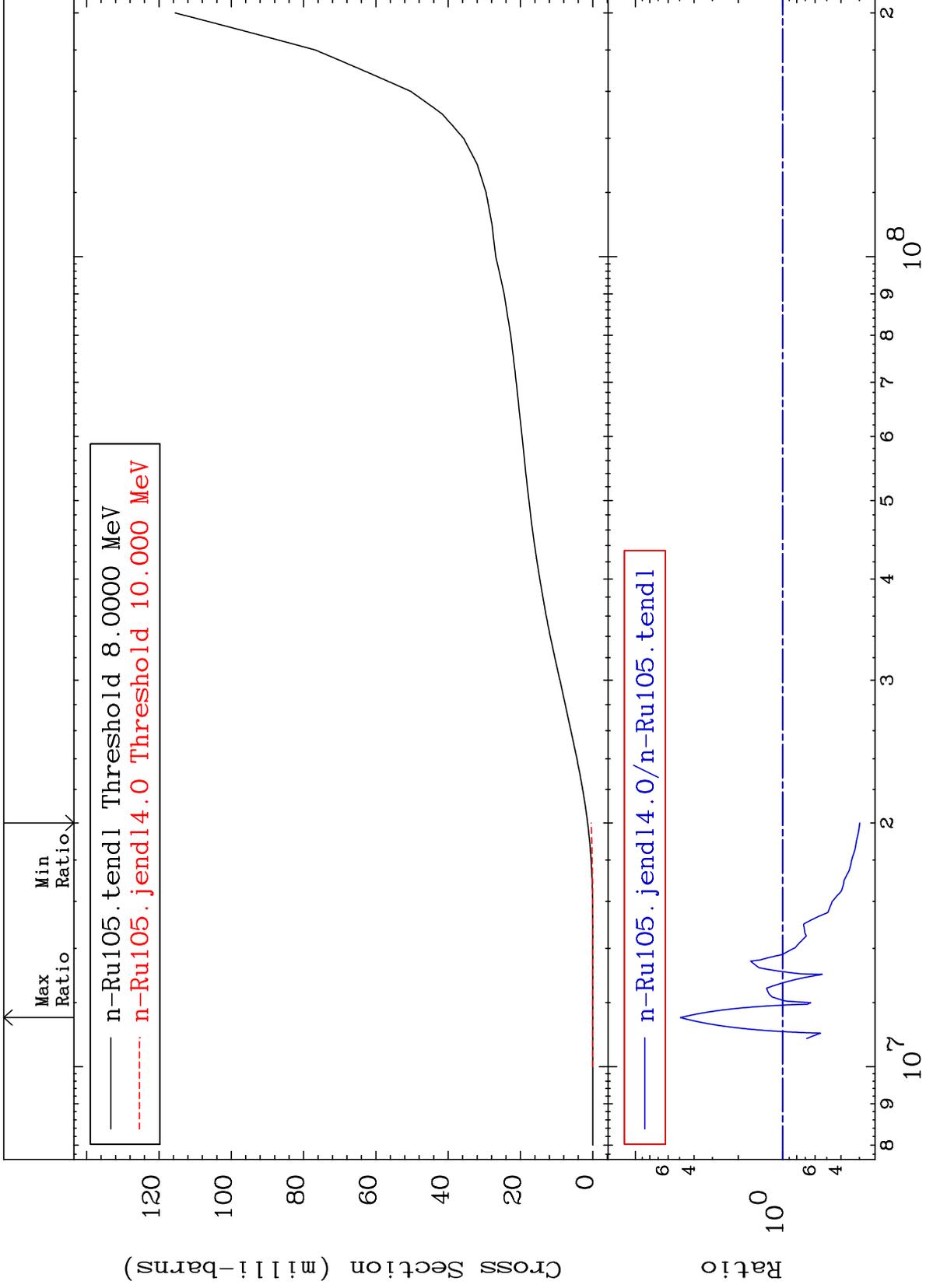
Incident Energy (eV)

44-Ru-105

MAT 4452

Tritium Production
Cross Section

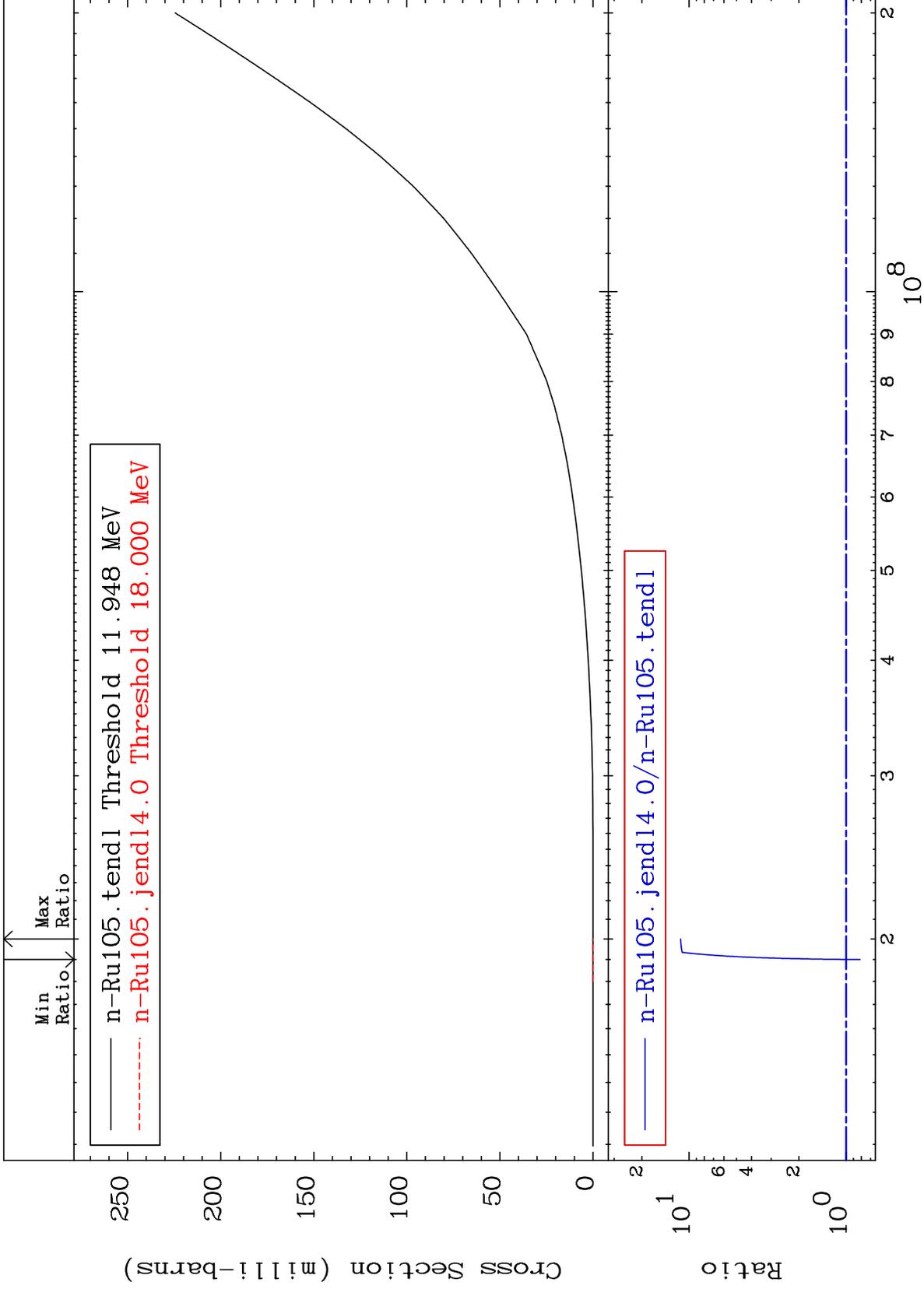
44-Ru-105
-70.20 To 393.7 %



45

Incident Energy (eV)

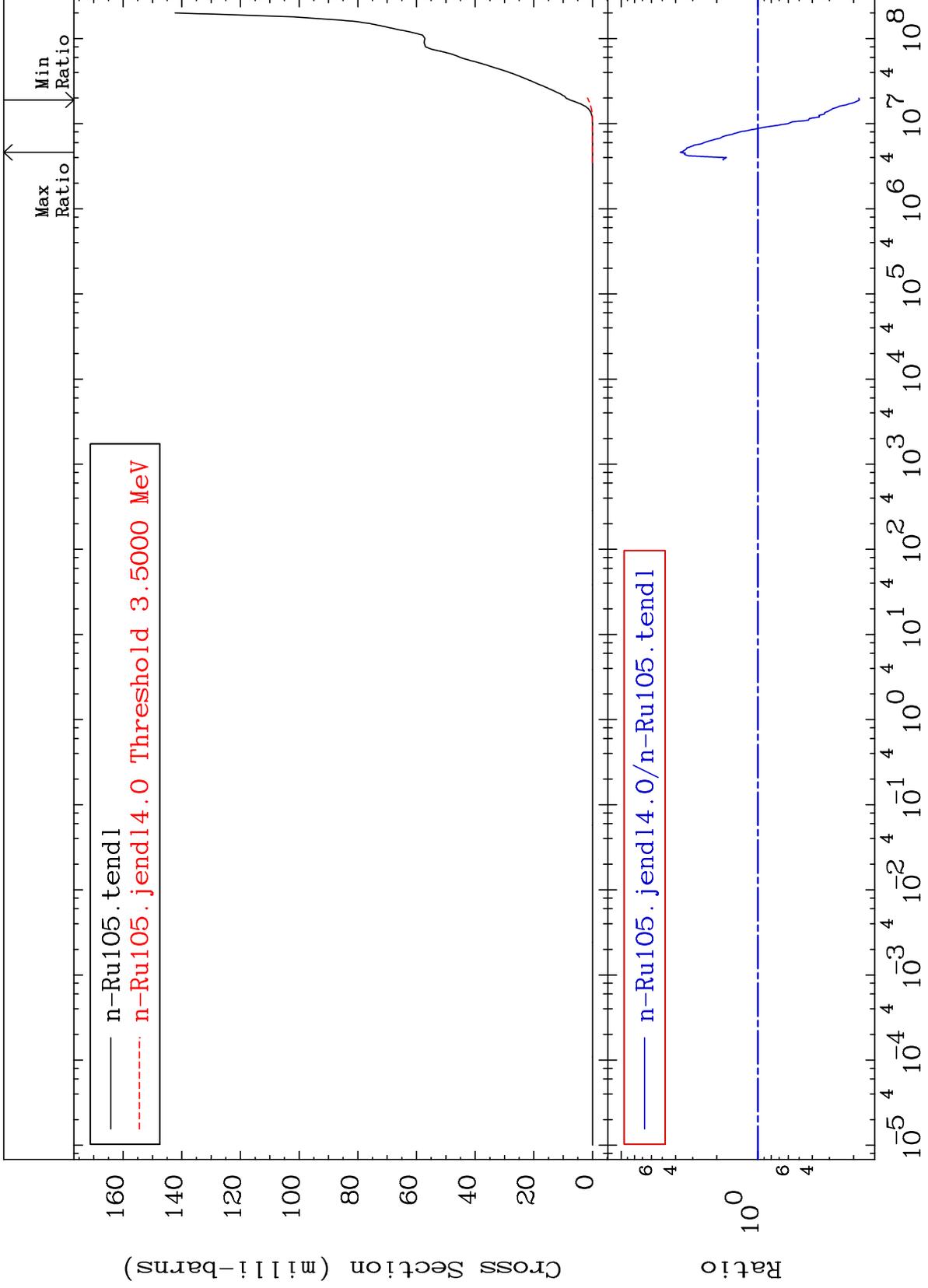
44-Ru-105

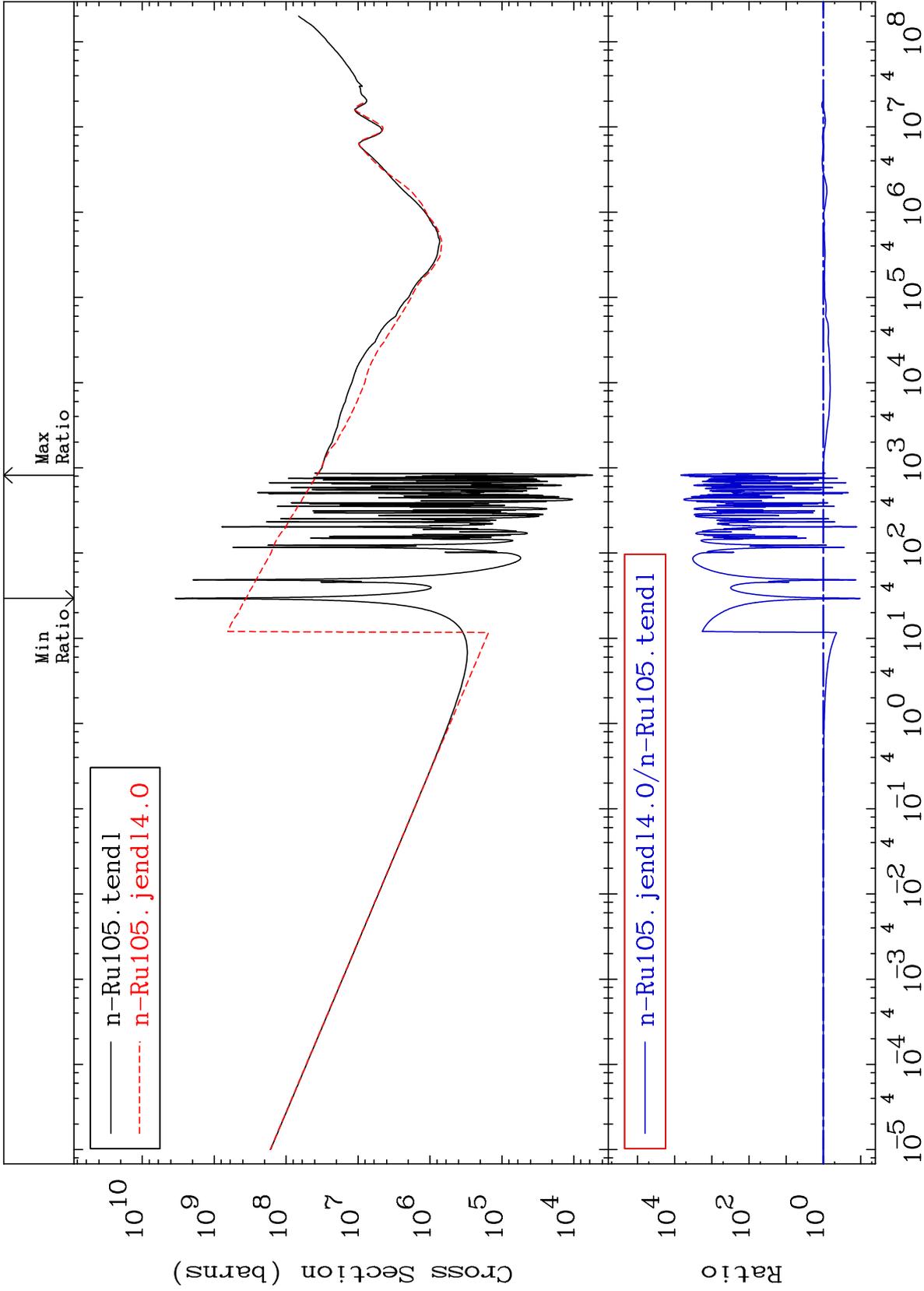


MAT 4452

He-4 Production
Cross Section

44-Ru-105
-81.90 To 269.8 %

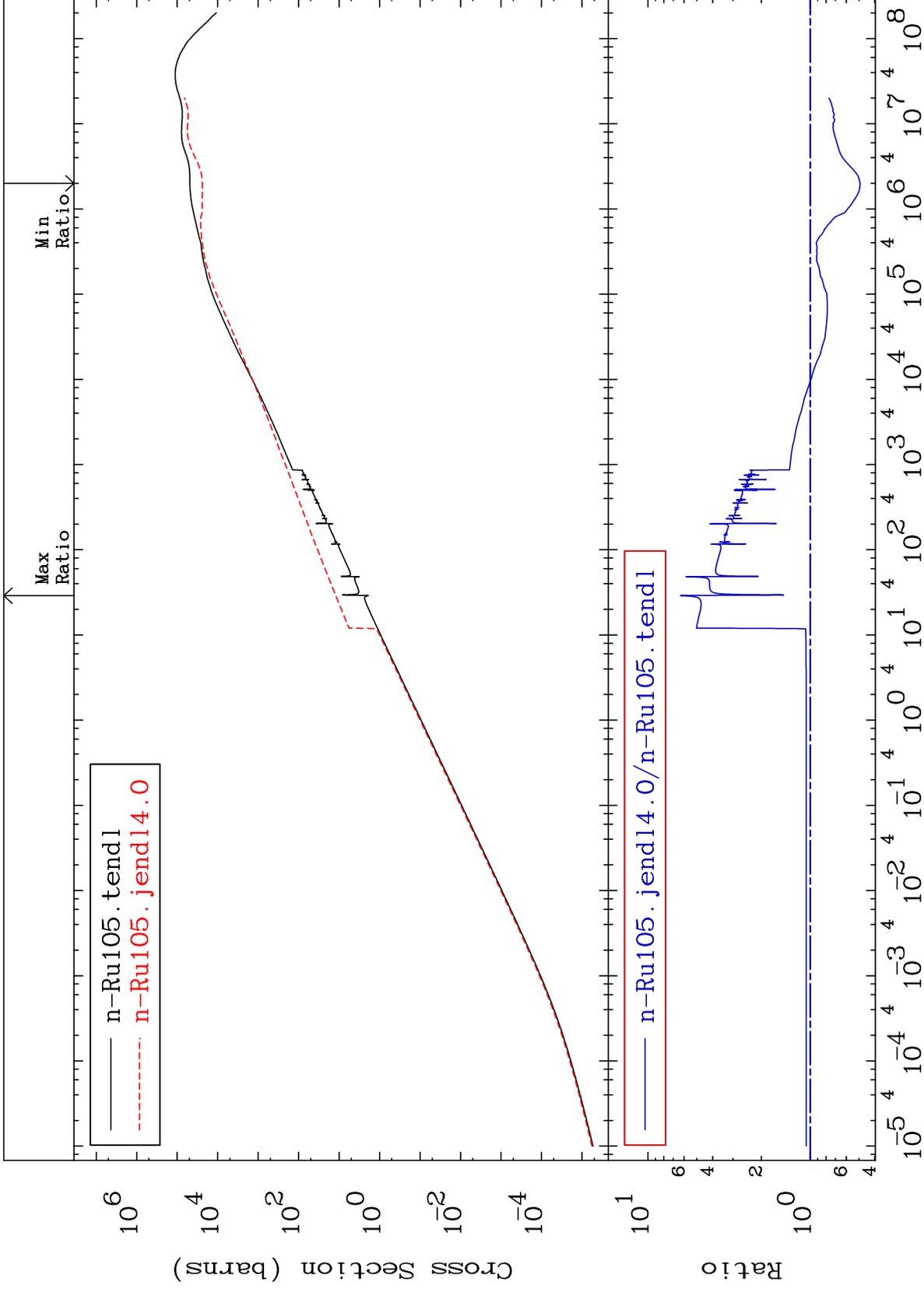


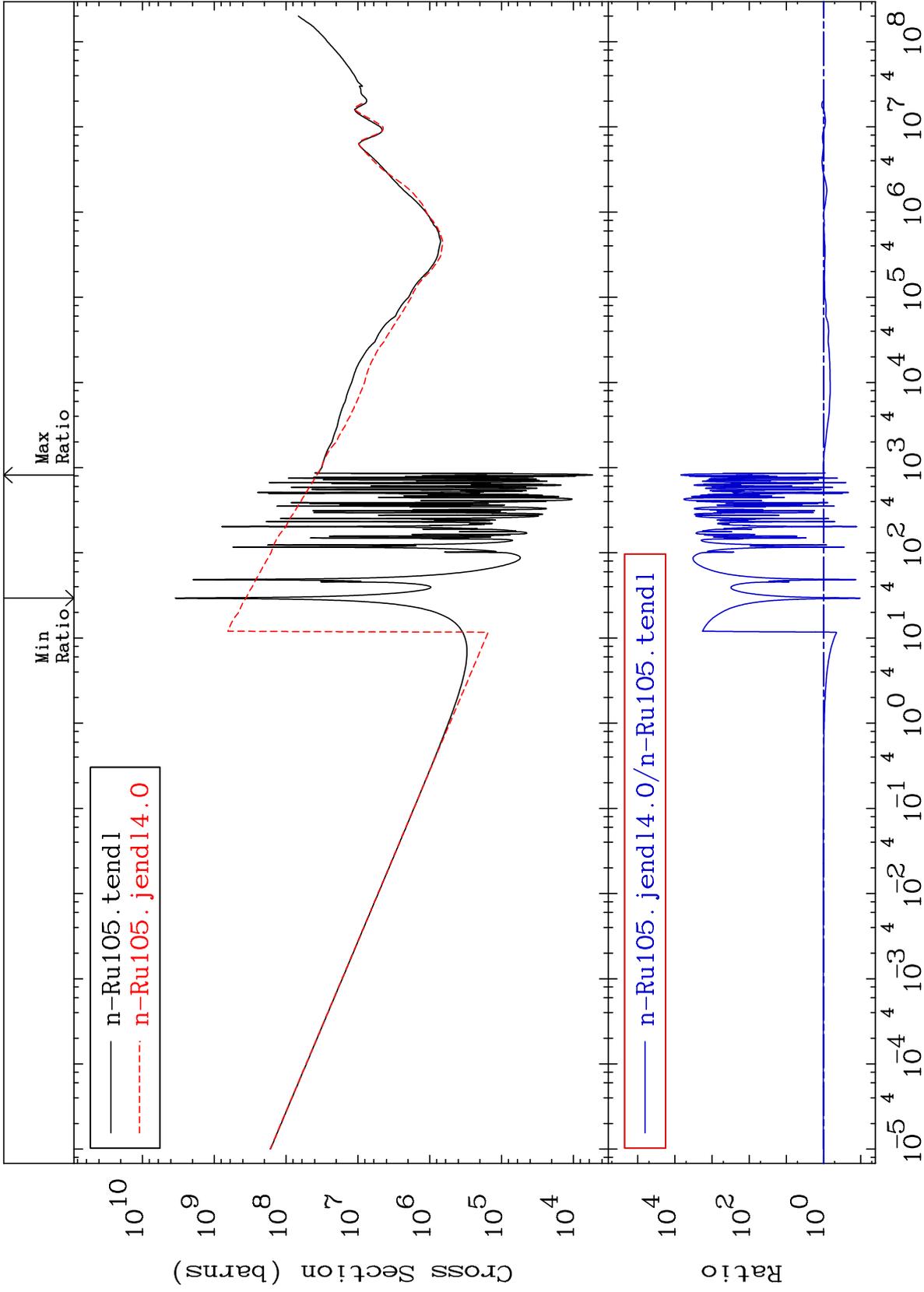


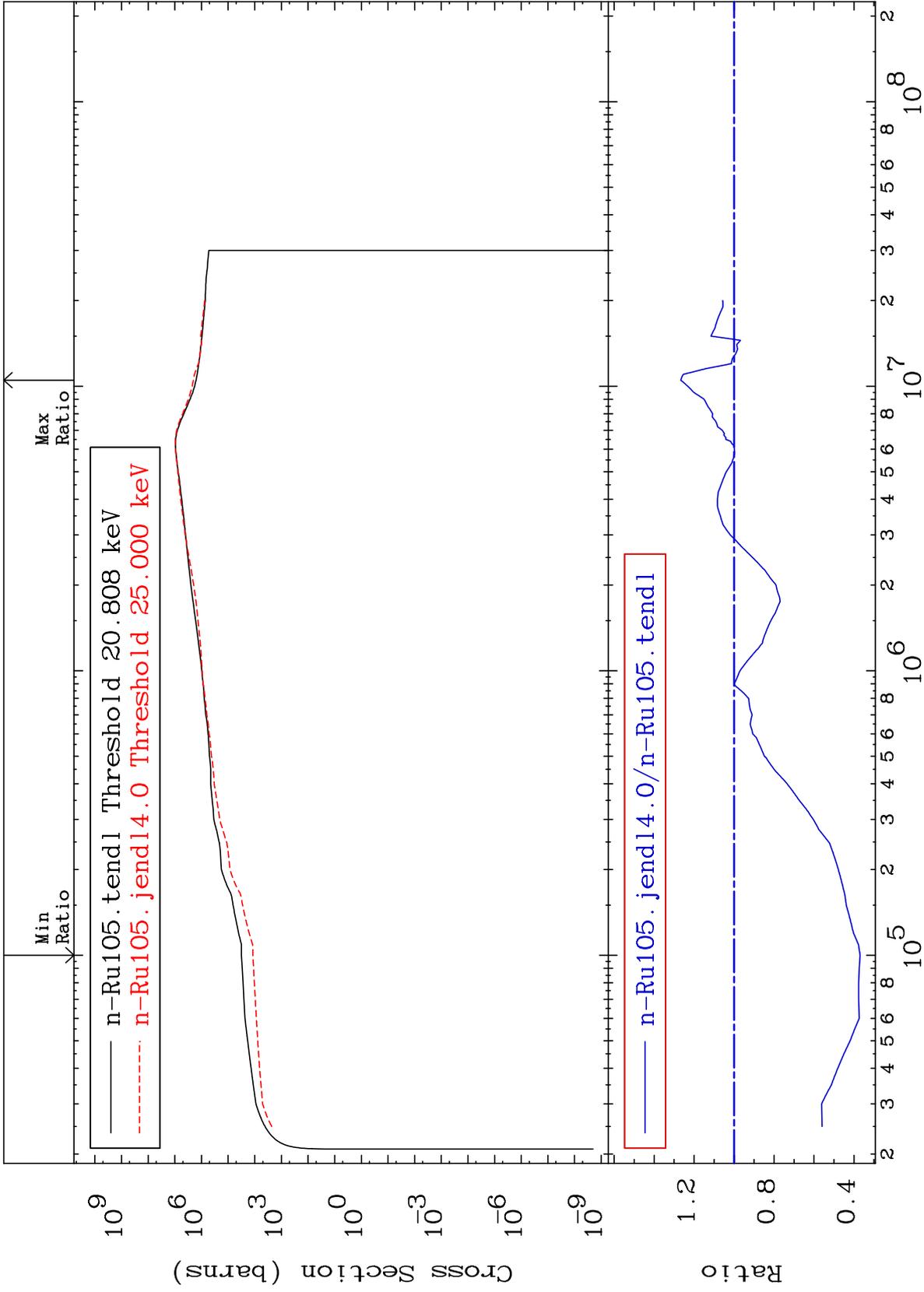
MAT 4452

Kerma elastic
Cross Section

44-Ru-105
-50.72 To 528.3 %



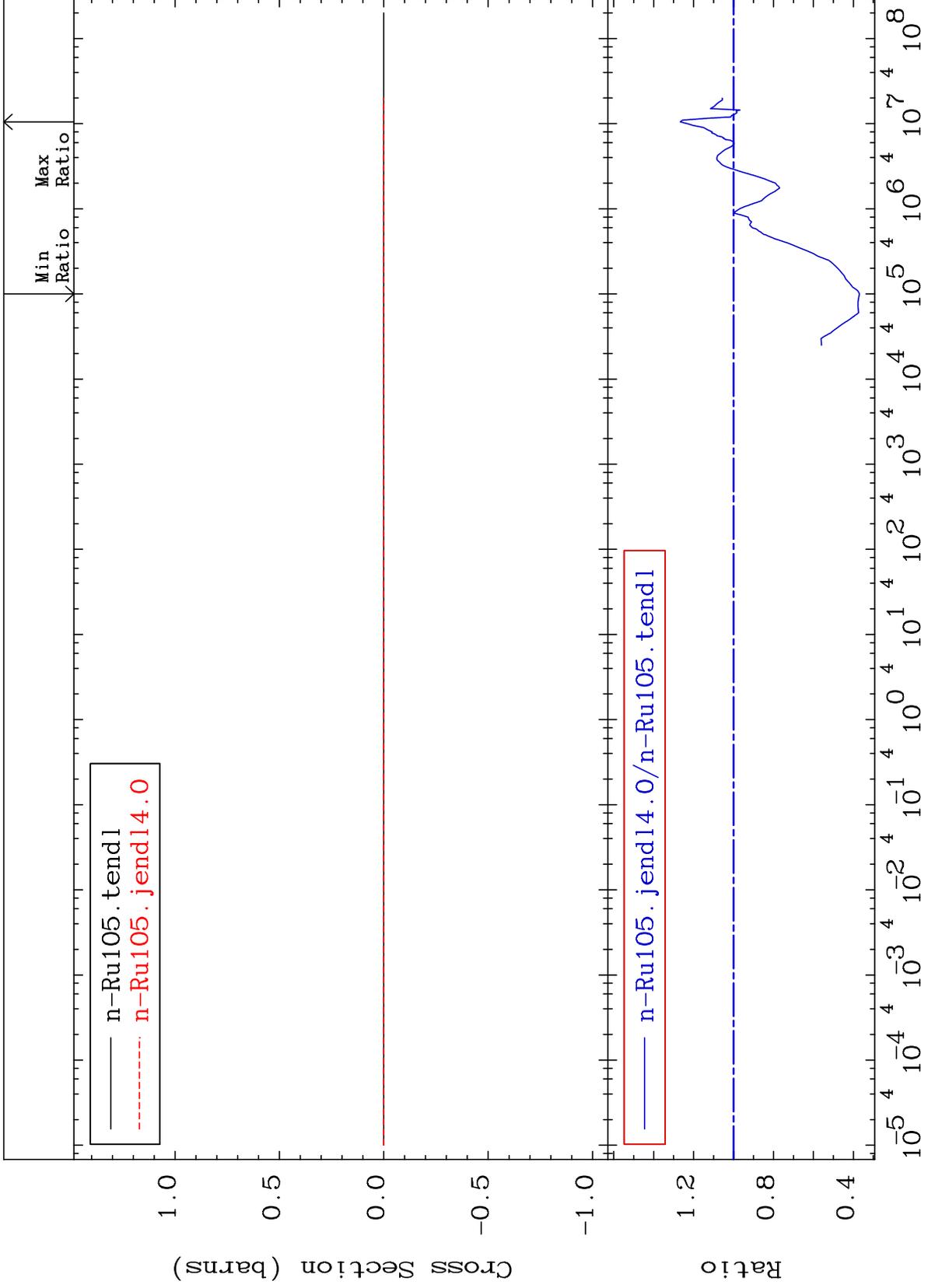


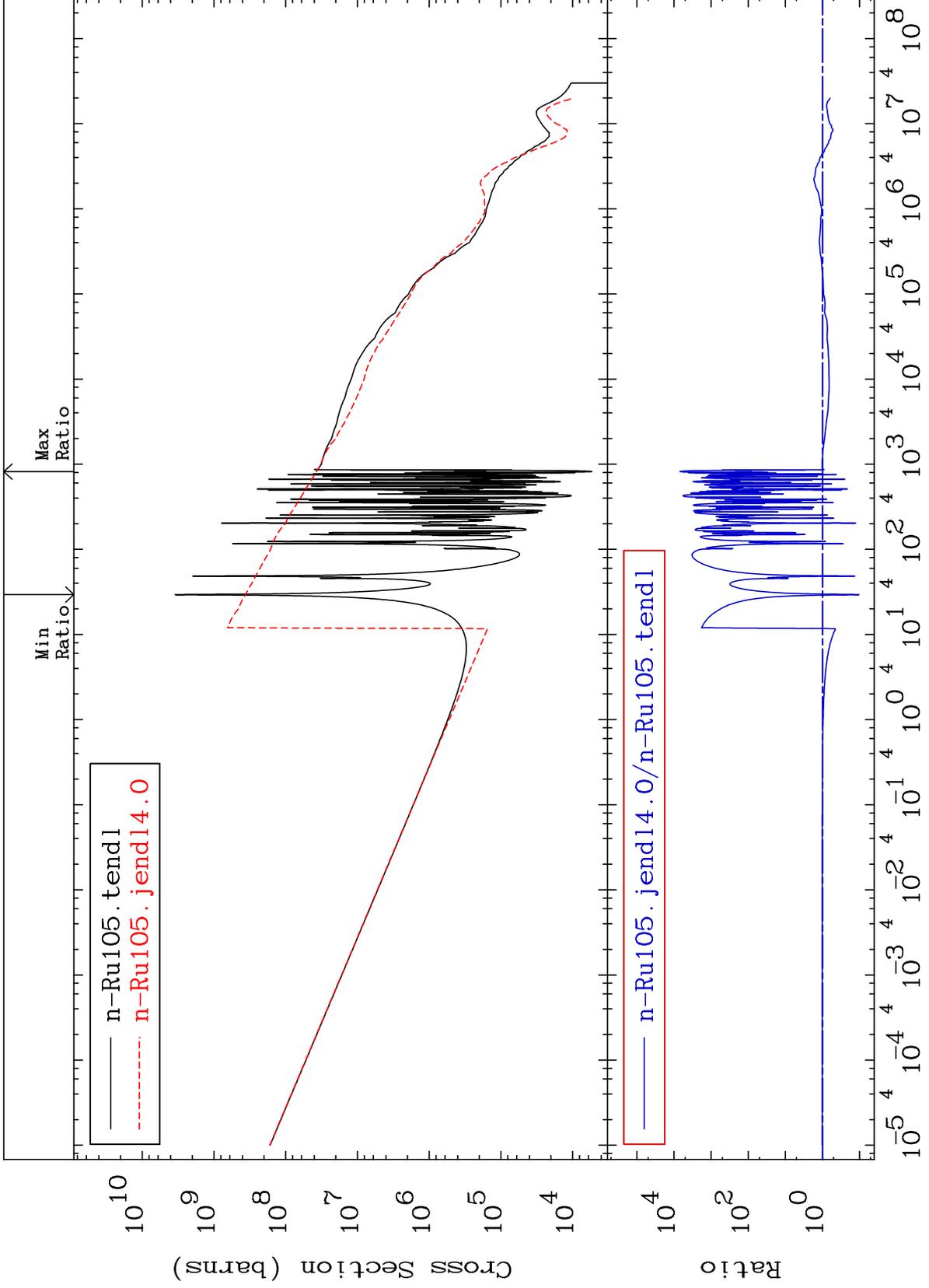


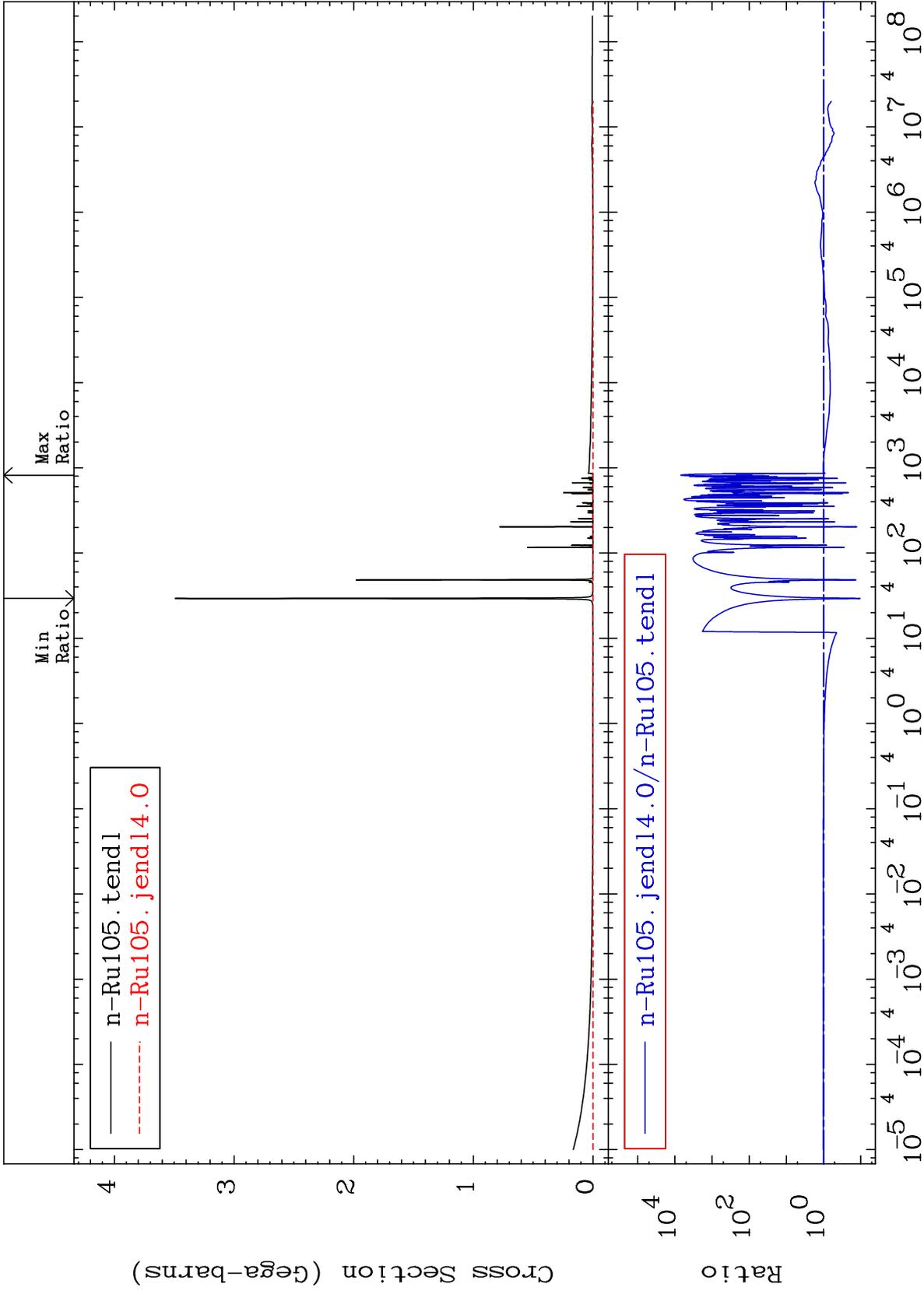
MAT 4452

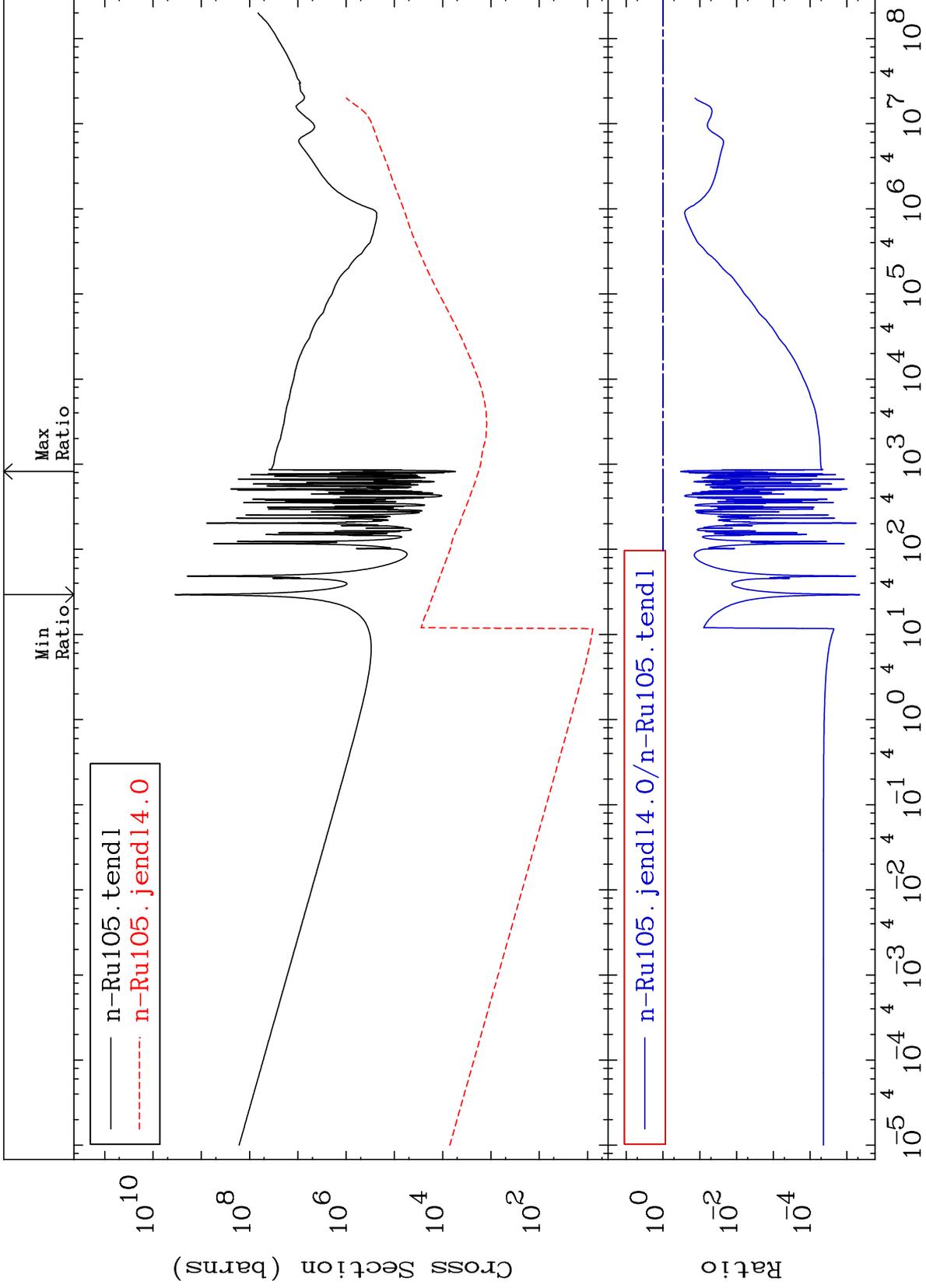
Kerma fission (mt18 or mt19-20-21-38)
Cross Section

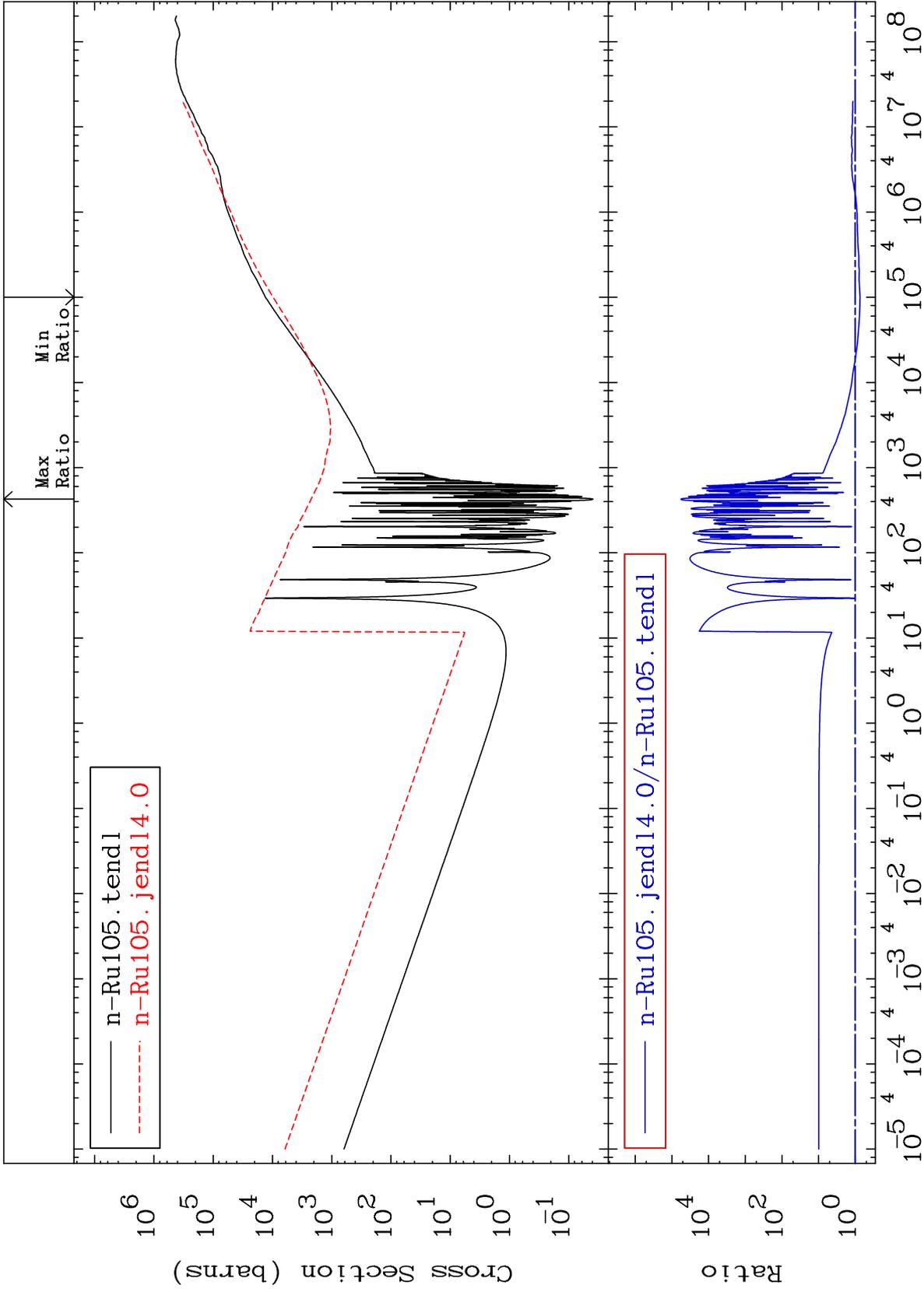
44-Ru-105
-63.08 To 26.68 %











MAT 4452

Dpa elastic (mt2)
Cross Section

44-Ru-105
-49.95 To 149.0 %

