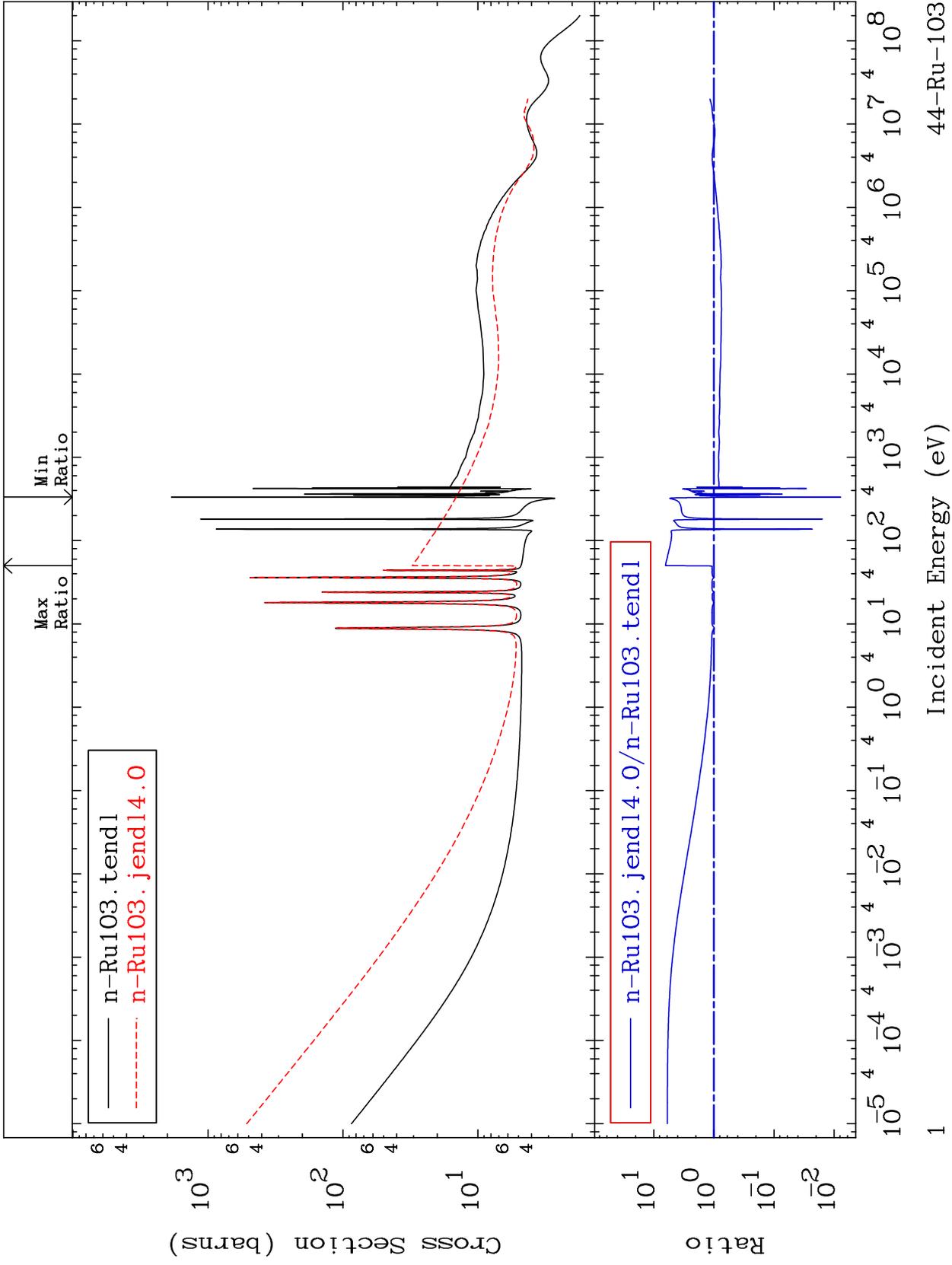


MAT 4446

Total Cross Section  
44-Ru-103  
-99.23 To 537.4 %



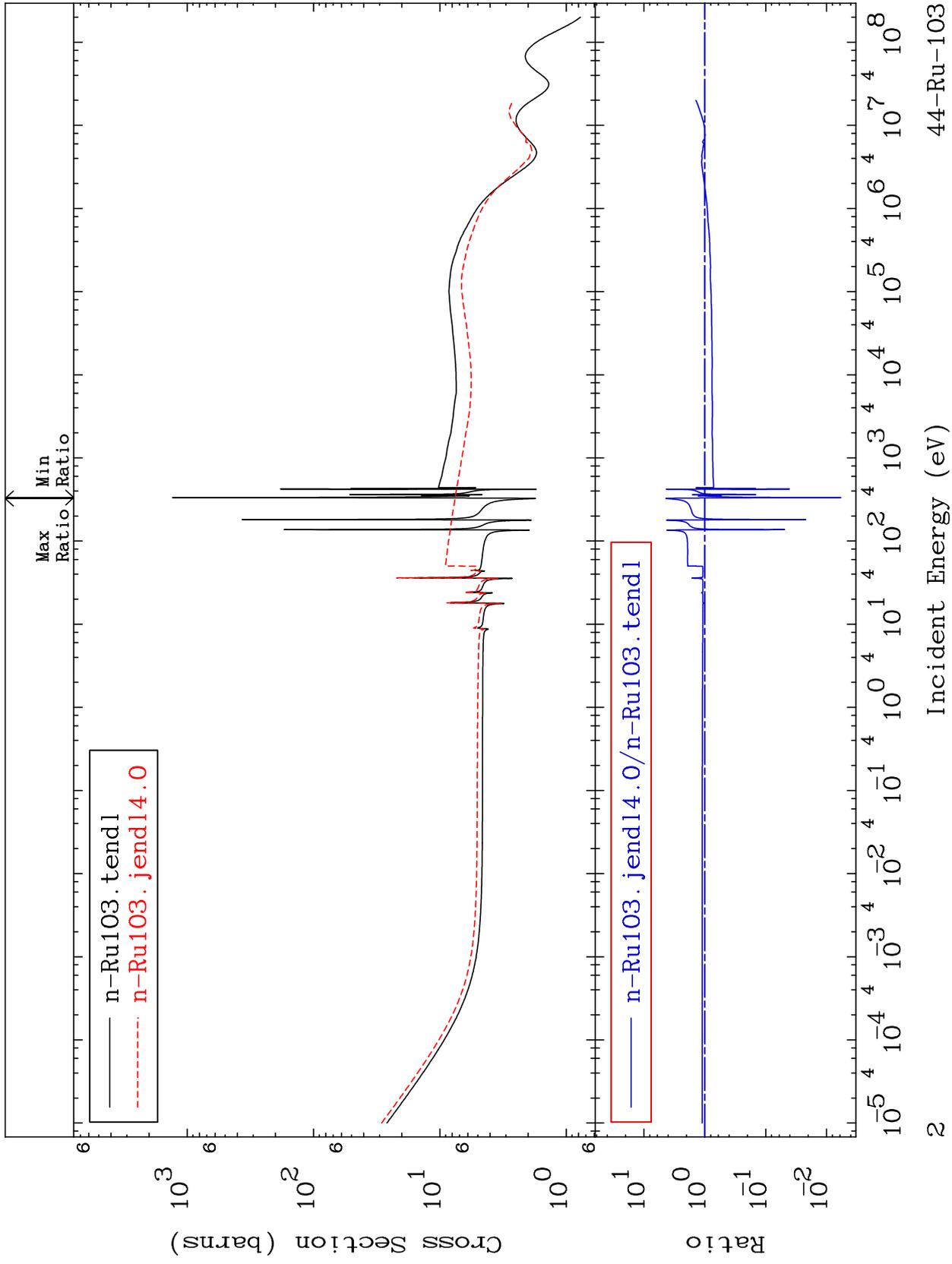
MAT 4446

Elastic

44-Ru-103

Cross Section

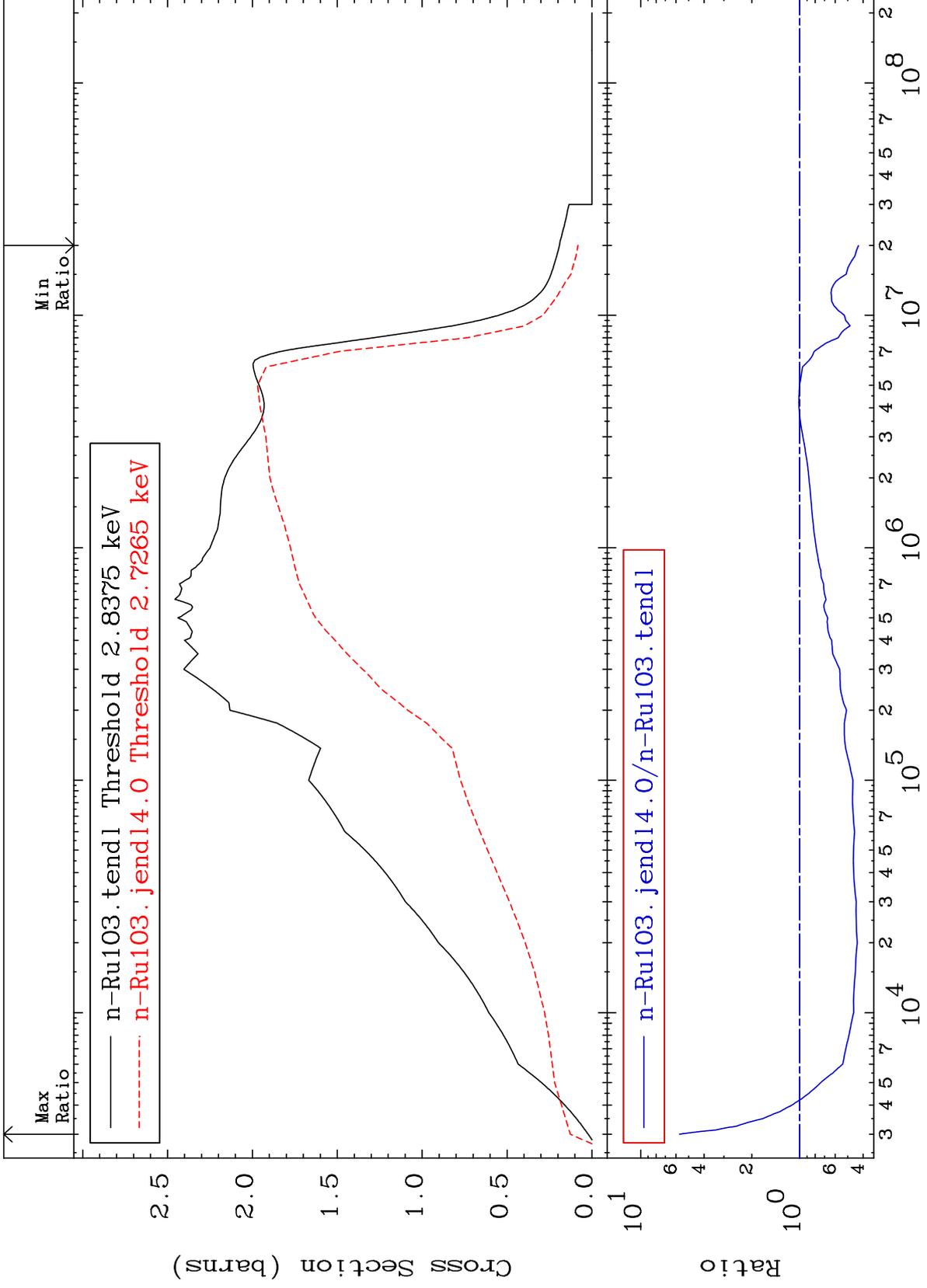
-99.42 To 334.8 %



MAT 4446

Inelastic  
Cross Section

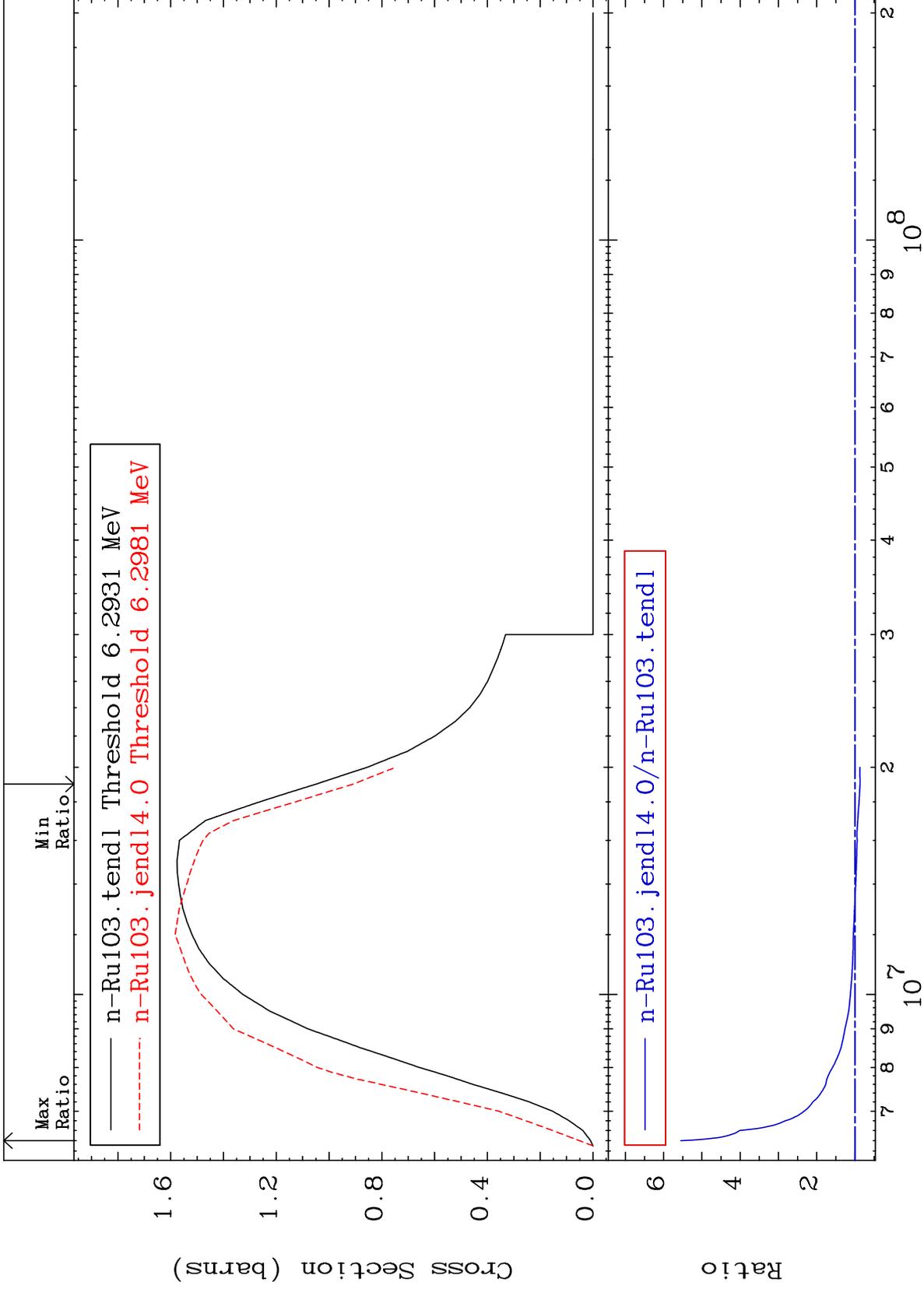
44-Ru-103  
-57.24 To 469.9 %



MAT 4446

(n,2n)  
Cross Section

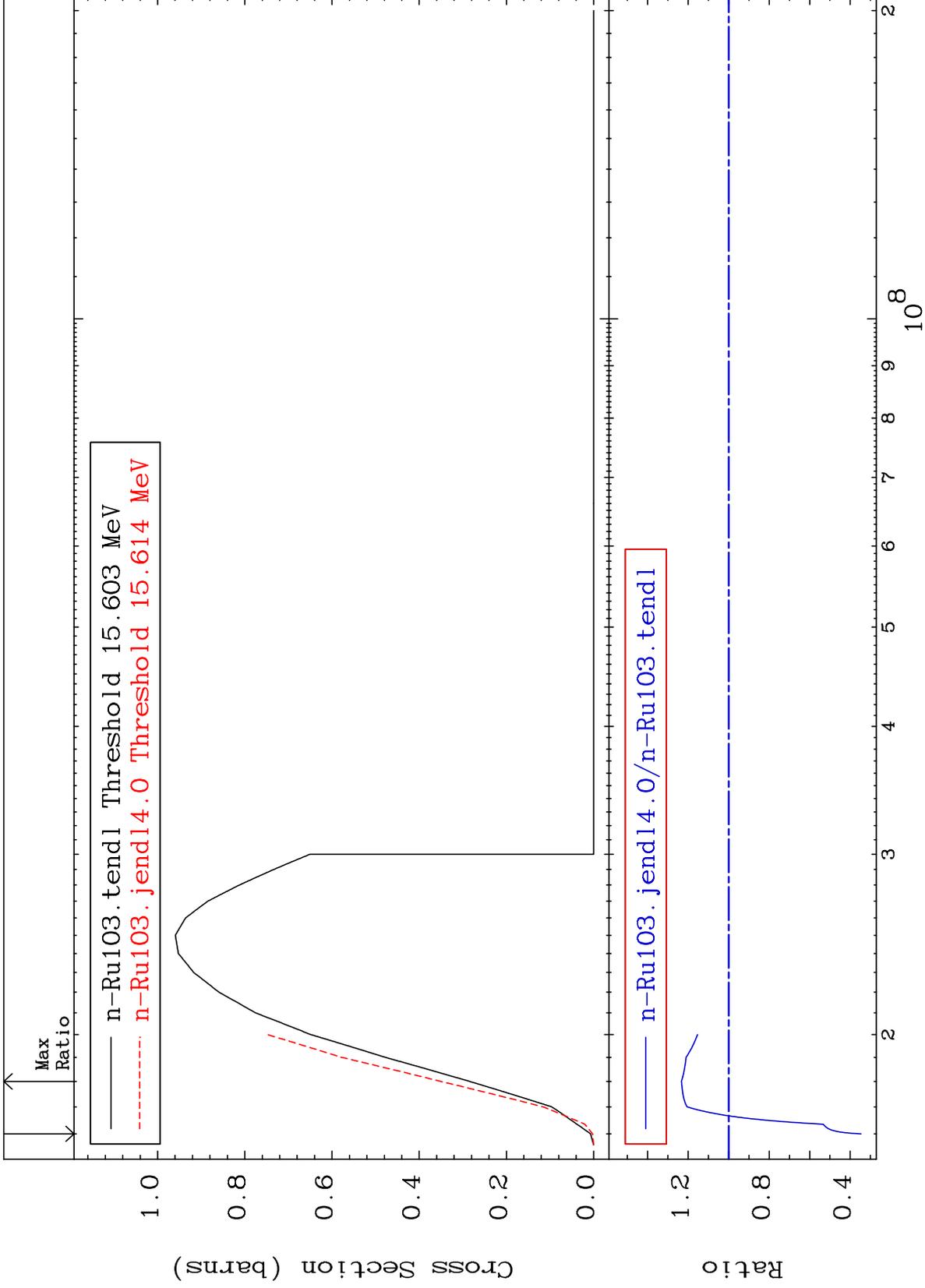
44-Ru-103  
-13.42 To 455.2 %



4

Incident Energy (eV)

44-Ru-103



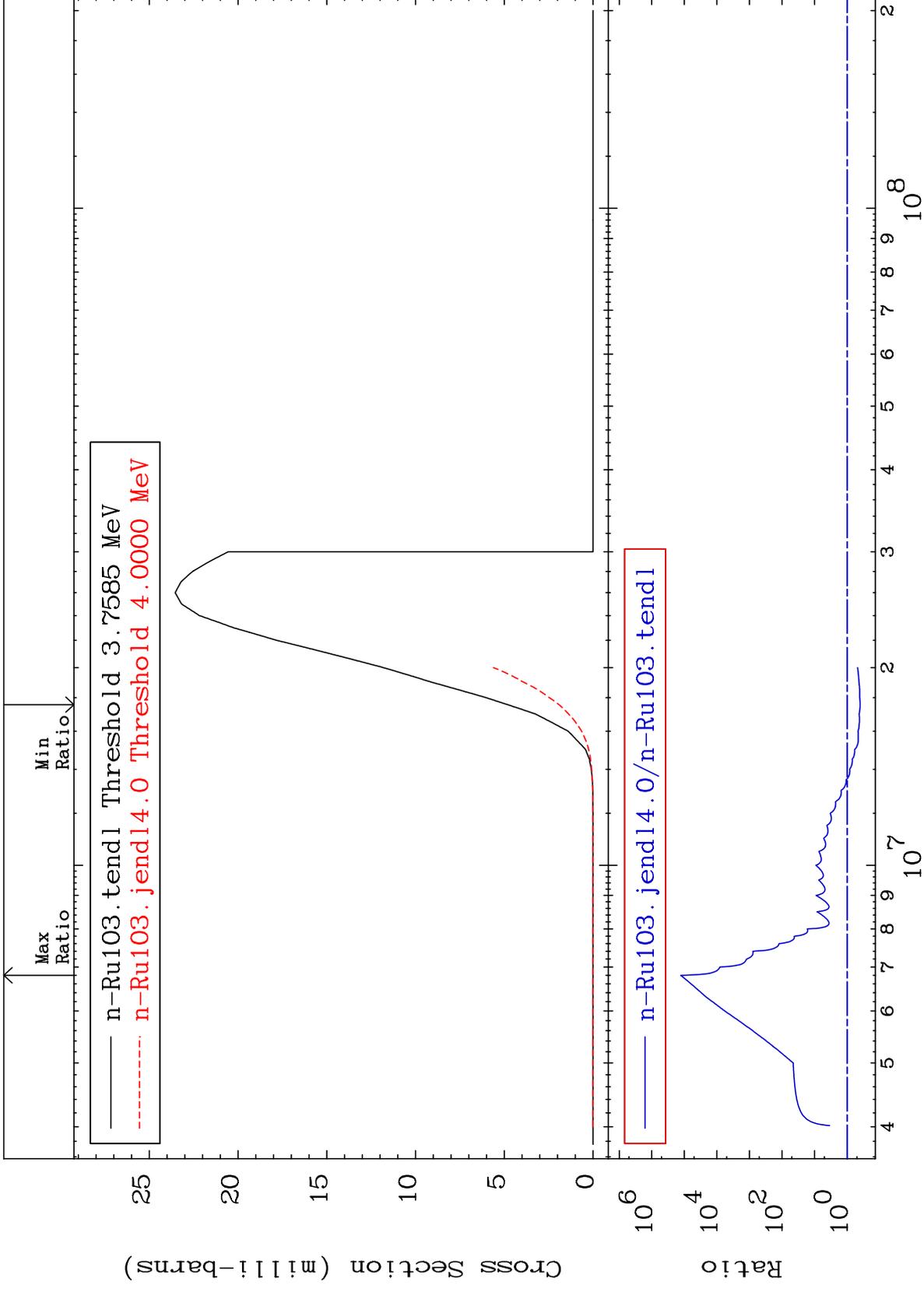
MAT 4446

(n, n')  $\alpha$

44-Ru-103

Cross Section

-60.21 To 9999. %



6

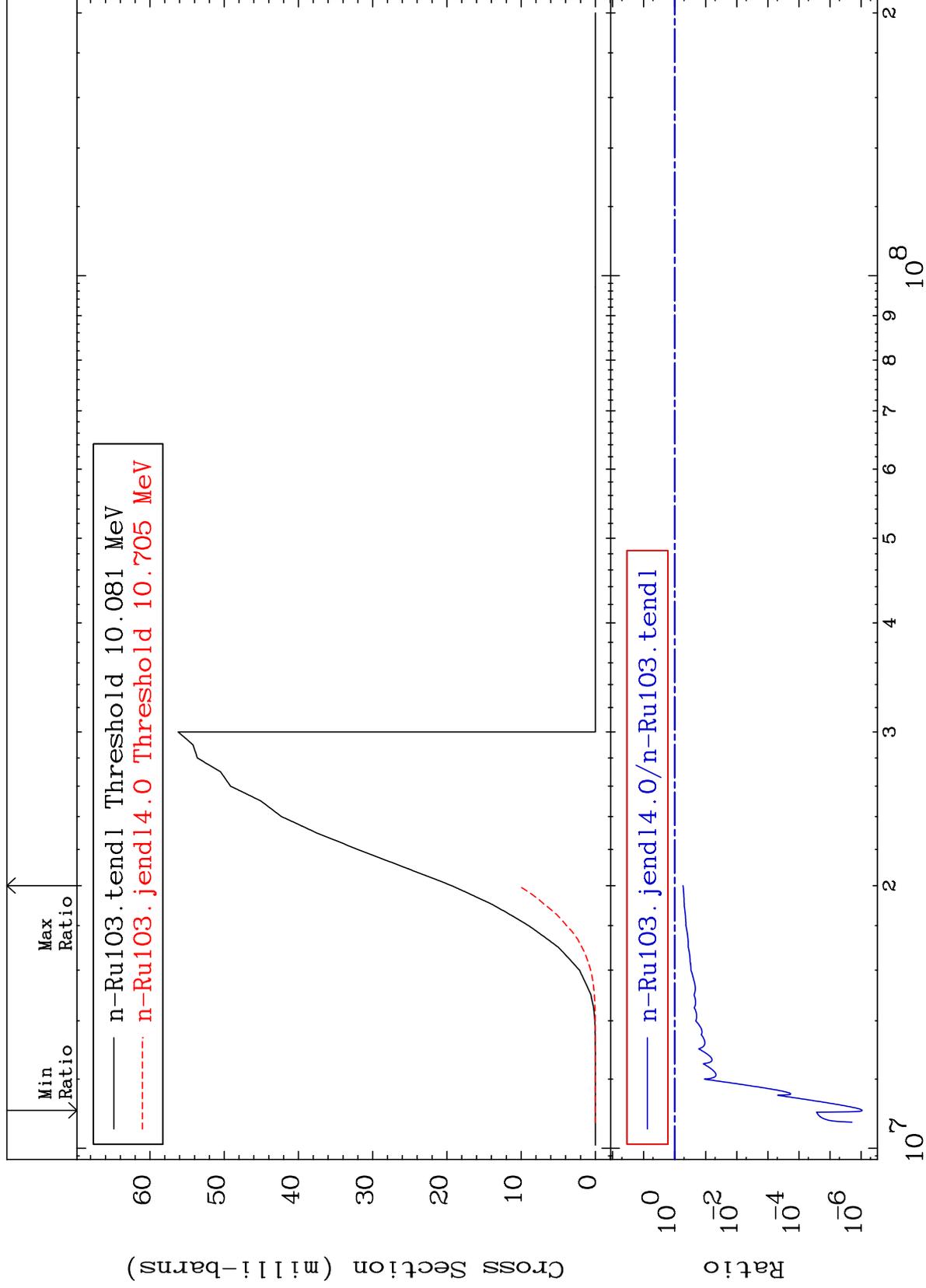
Incident Energy (eV)

44-Ru-103

MAT 4446

(n,n') p  
Cross Section

44-Ru-103  
-100.0 To -46.40%



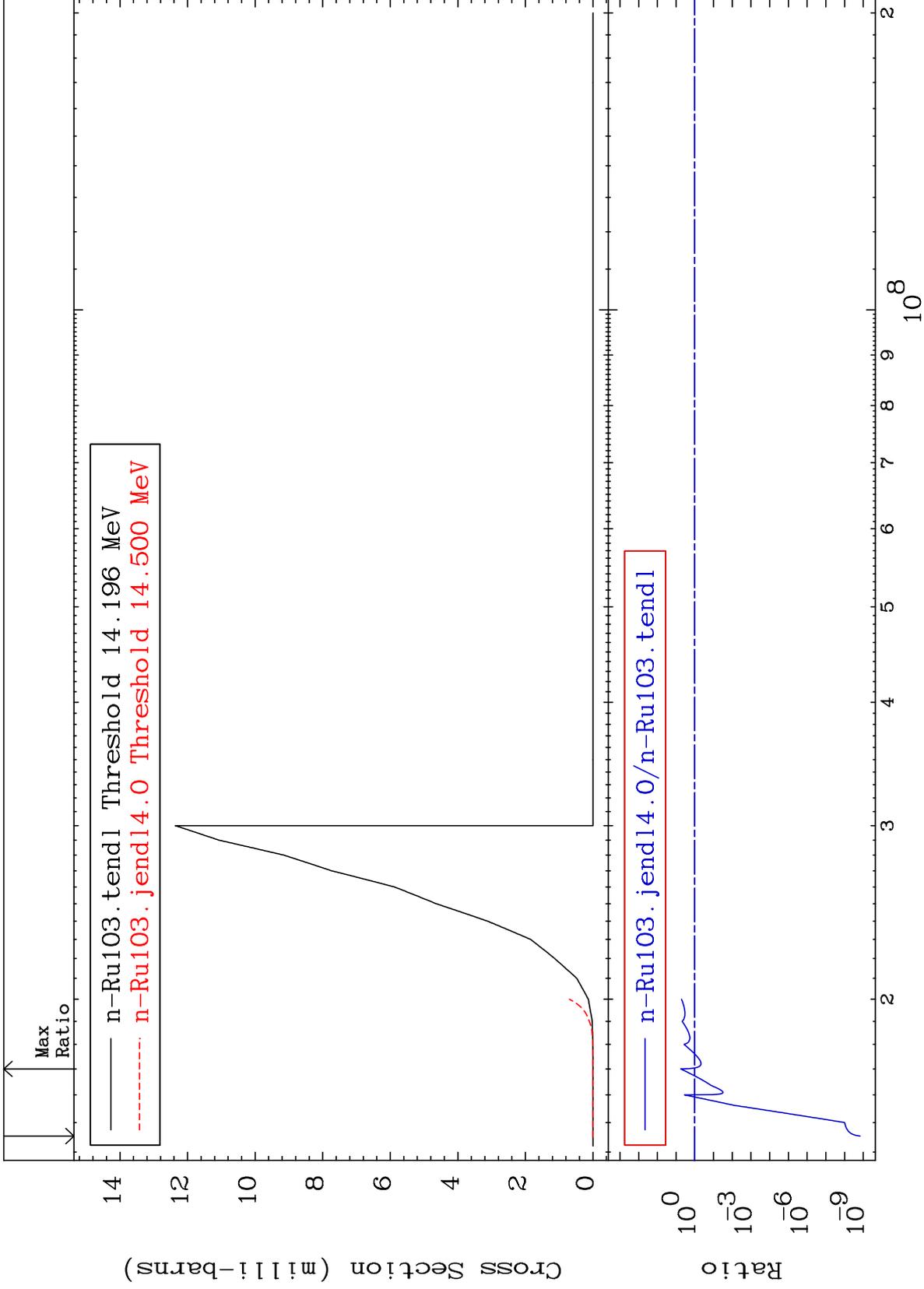
44-Ru-103

44-Ru-103

MAT 4446

(n, n') d  
Cross Section

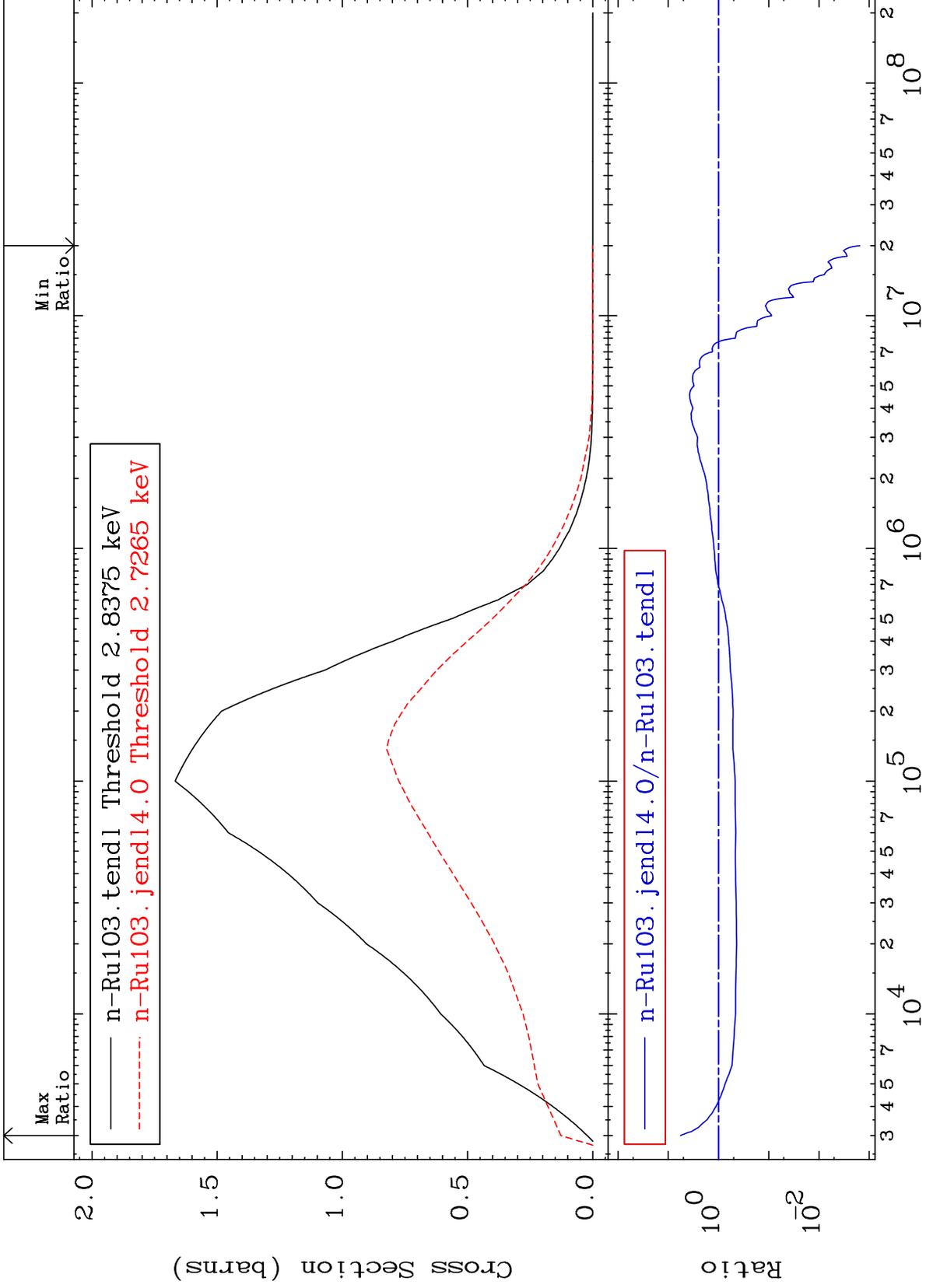
44-Ru-103  
-100.0 To 462.7 %



MAT 4446

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

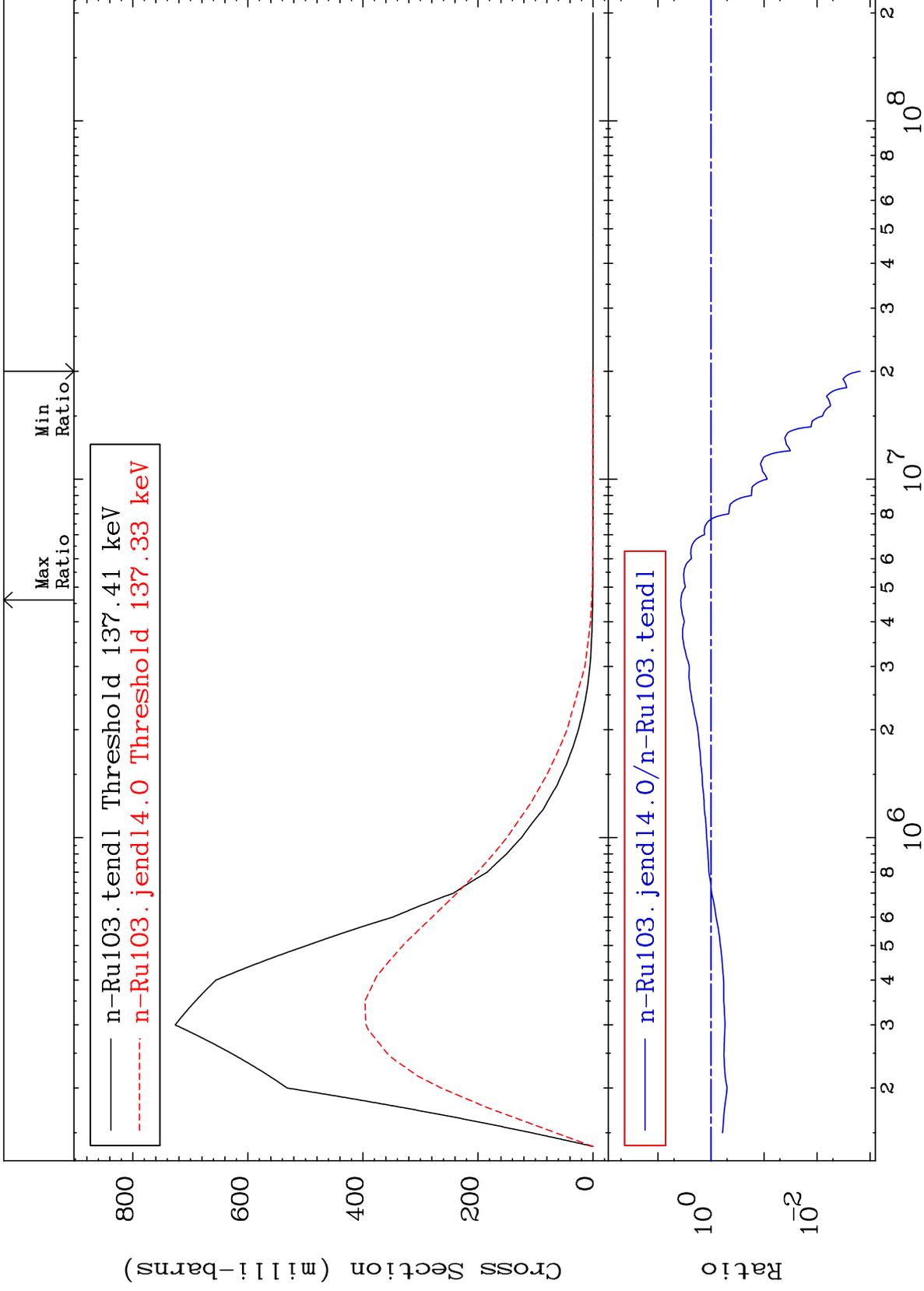
44-Ru-103  
-99.85 To 469.9 %



MAT 4446

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

44-Ru-103  
-99.85 To 272.2 %



10

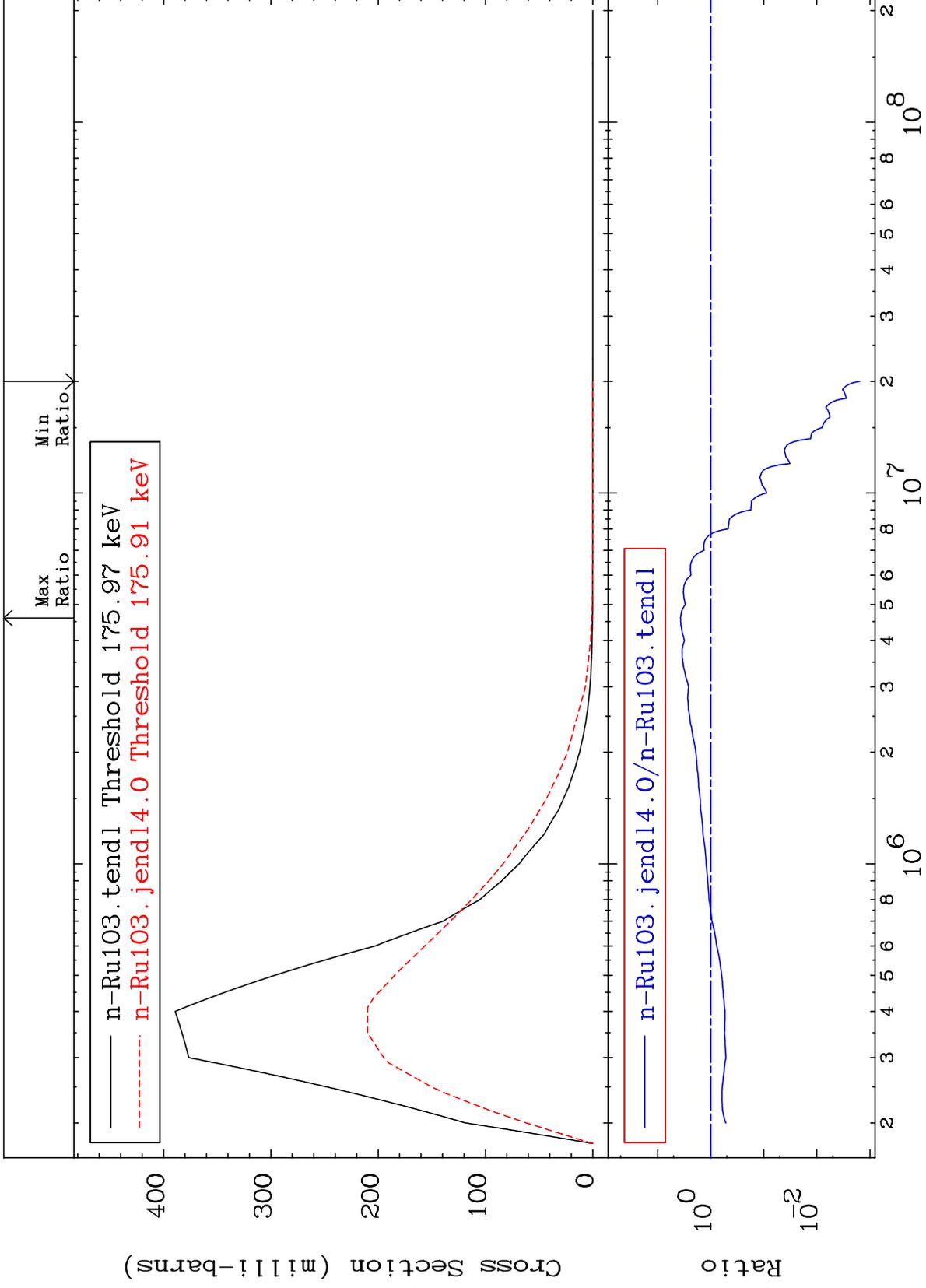
Incident Energy (eV)

44-Ru-103

MAT 4446

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

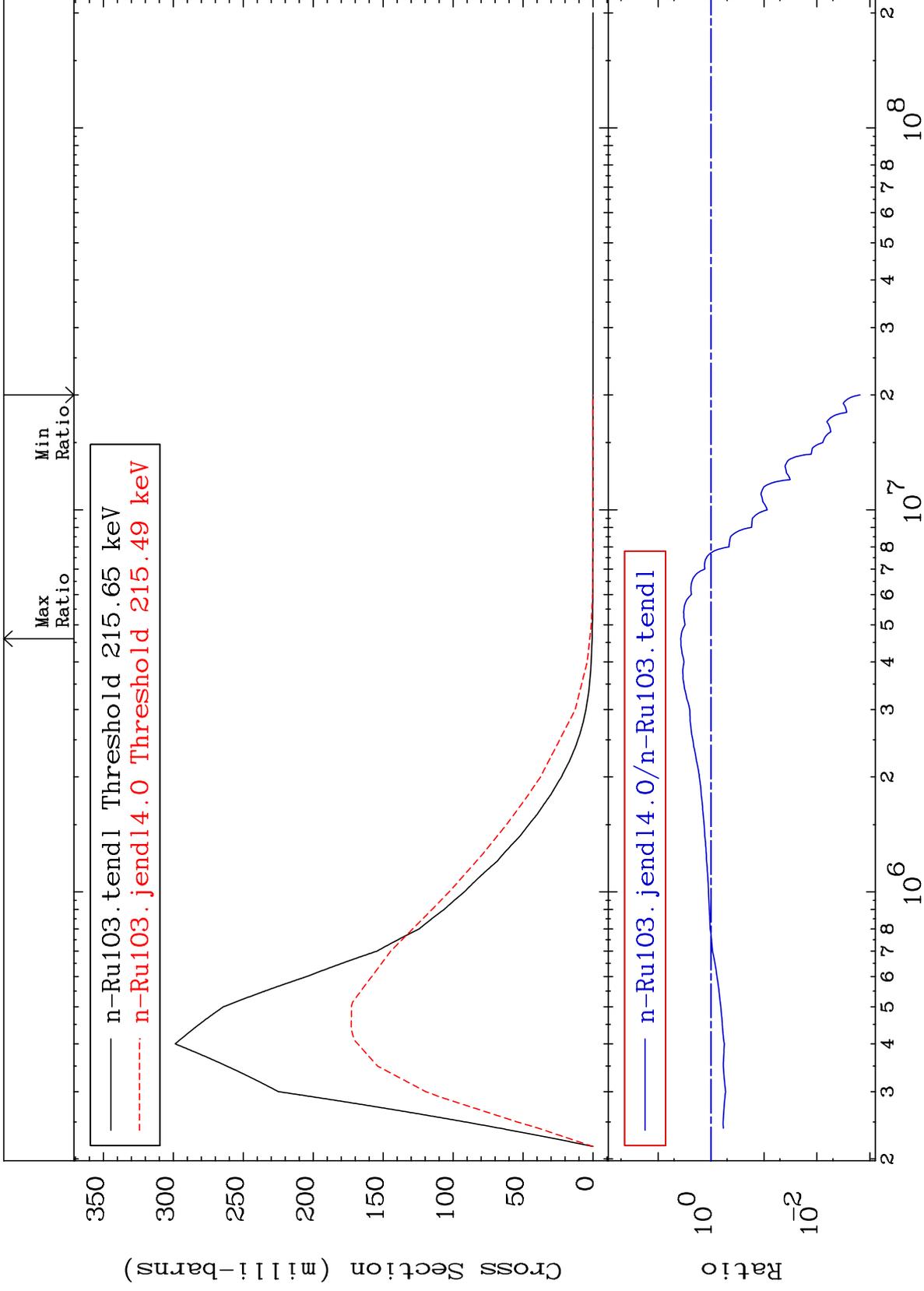
44-Ru-103  
-99.84 To 271.5 %



MAT 4446

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

44-Ru-103  
-99.85 To 273.1 %



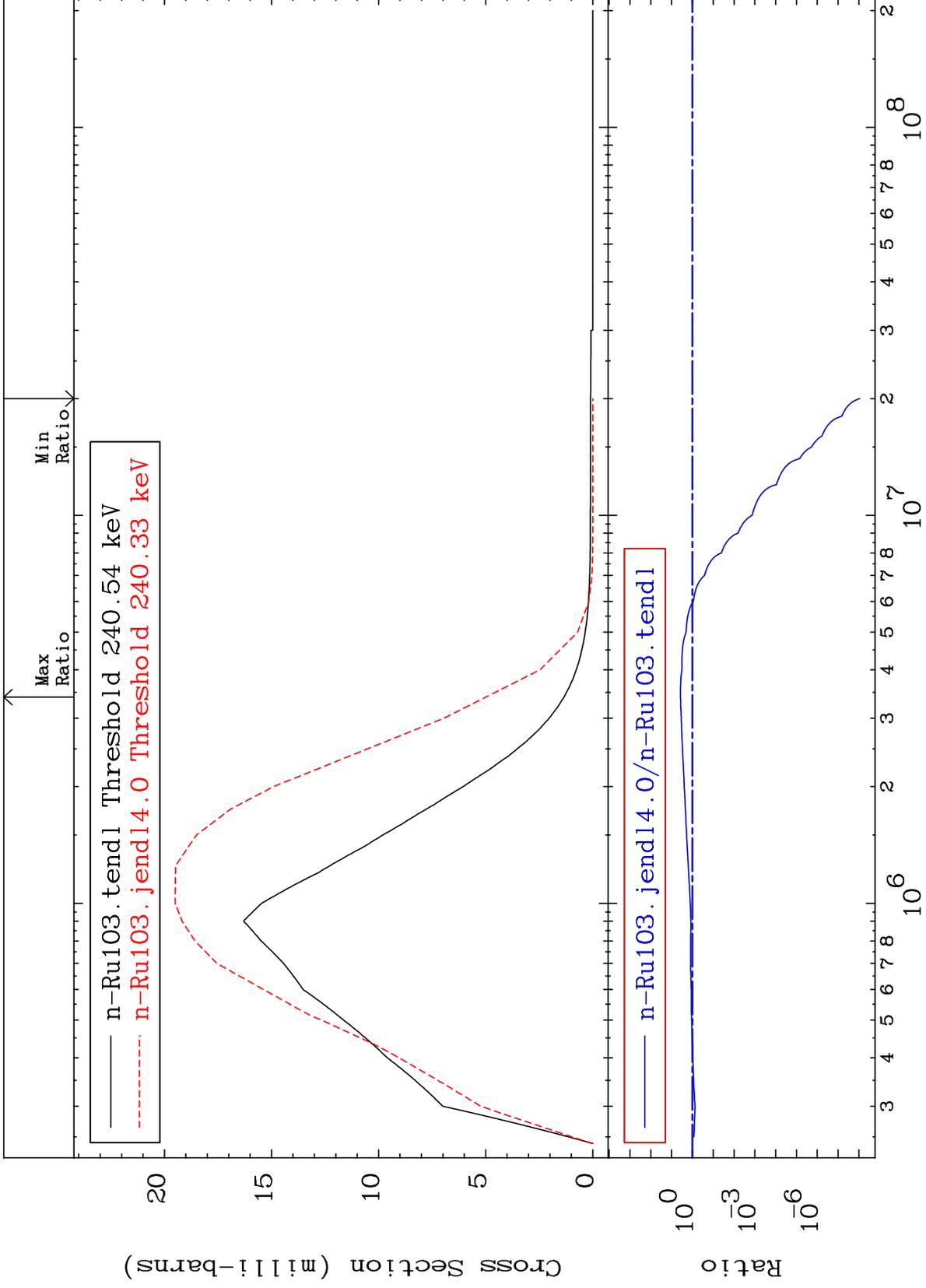
12

44-Ru-103

MAT 4446

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

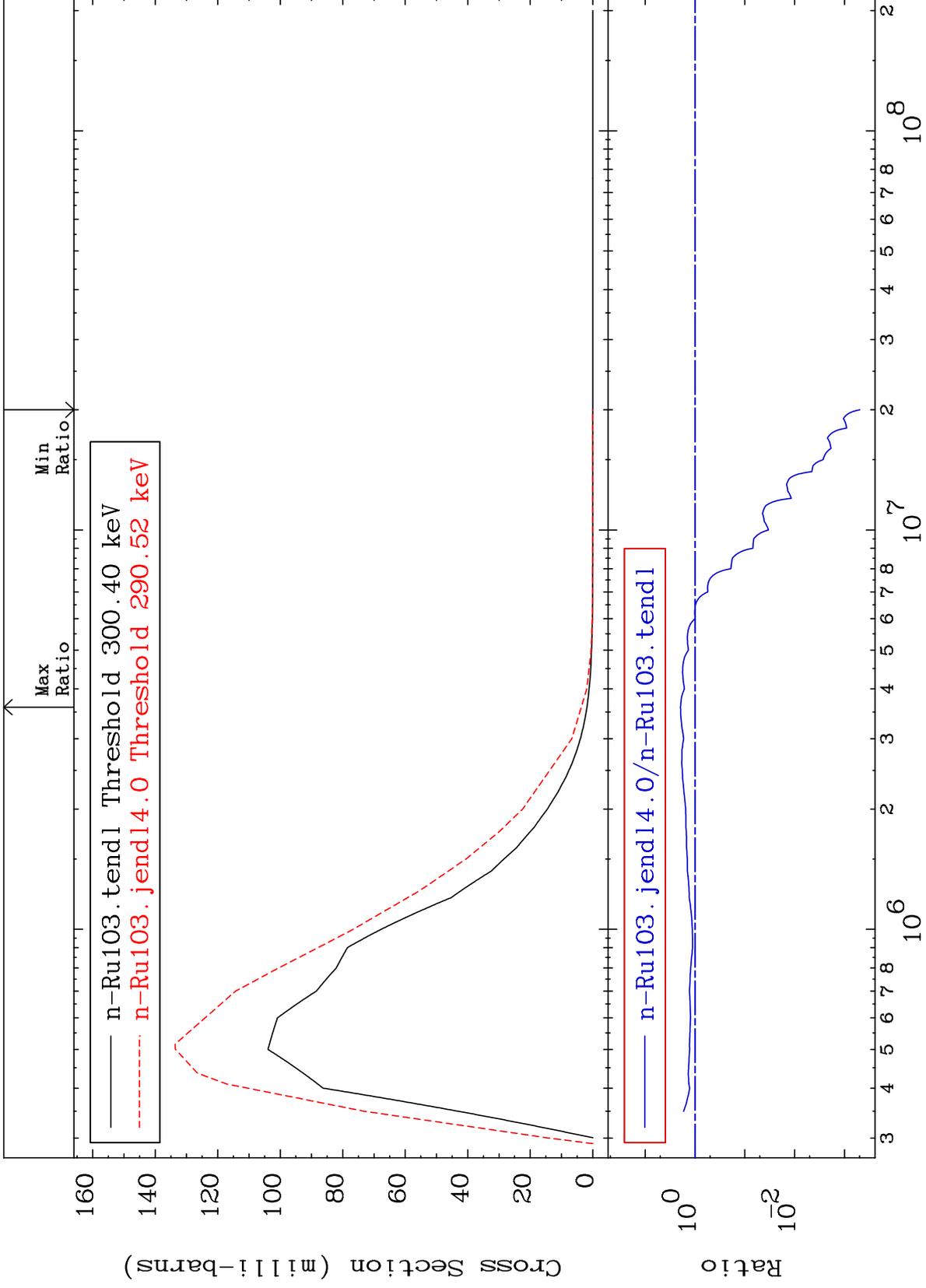
44-Ru-103  
-100.0 To 271.6 %



MAT 4446

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

44-Ru-103  
-99.95 To 95.57 %



14

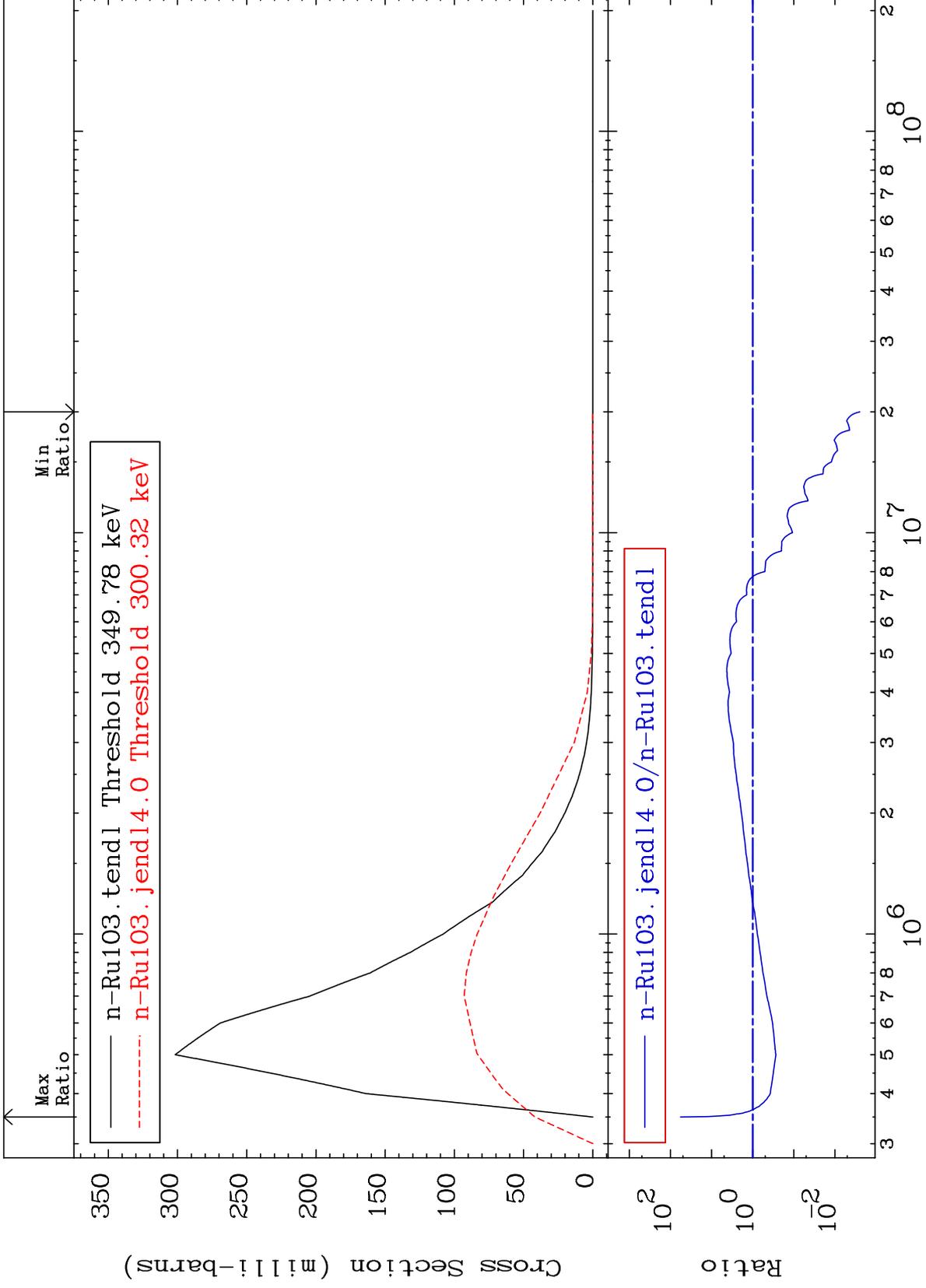
Incident Energy (eV)

44-Ru-103

MAT 4446

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

44-Ru-103  
-99.75 To 5614. %



15

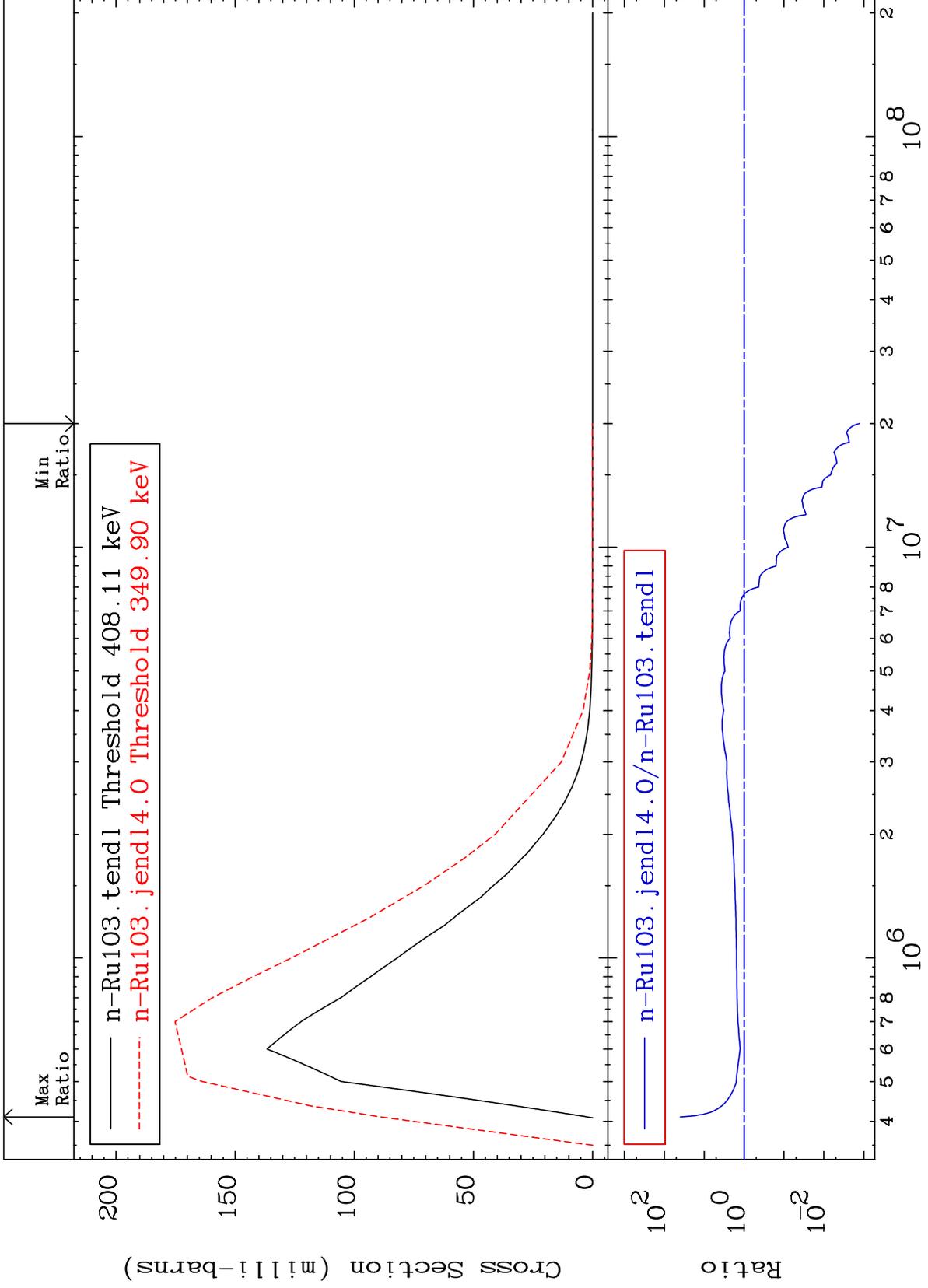
Incident Energy (eV)

44-Ru-103

MAT 4446

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

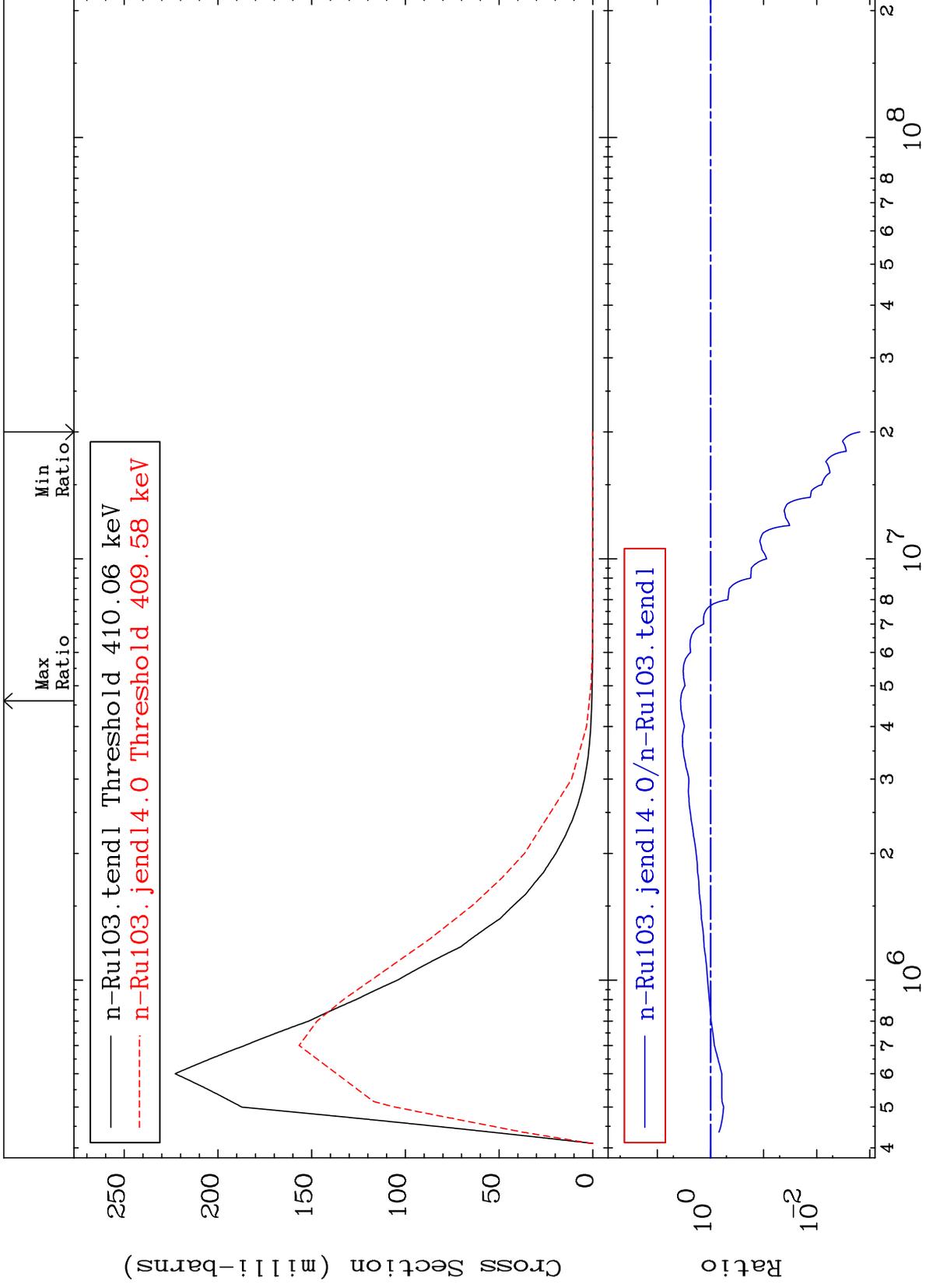
44-Ru-103  
-99.87 To 3873. %



MAT 4446

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

44-Ru-103  
-99.85 To 265.7 %



17

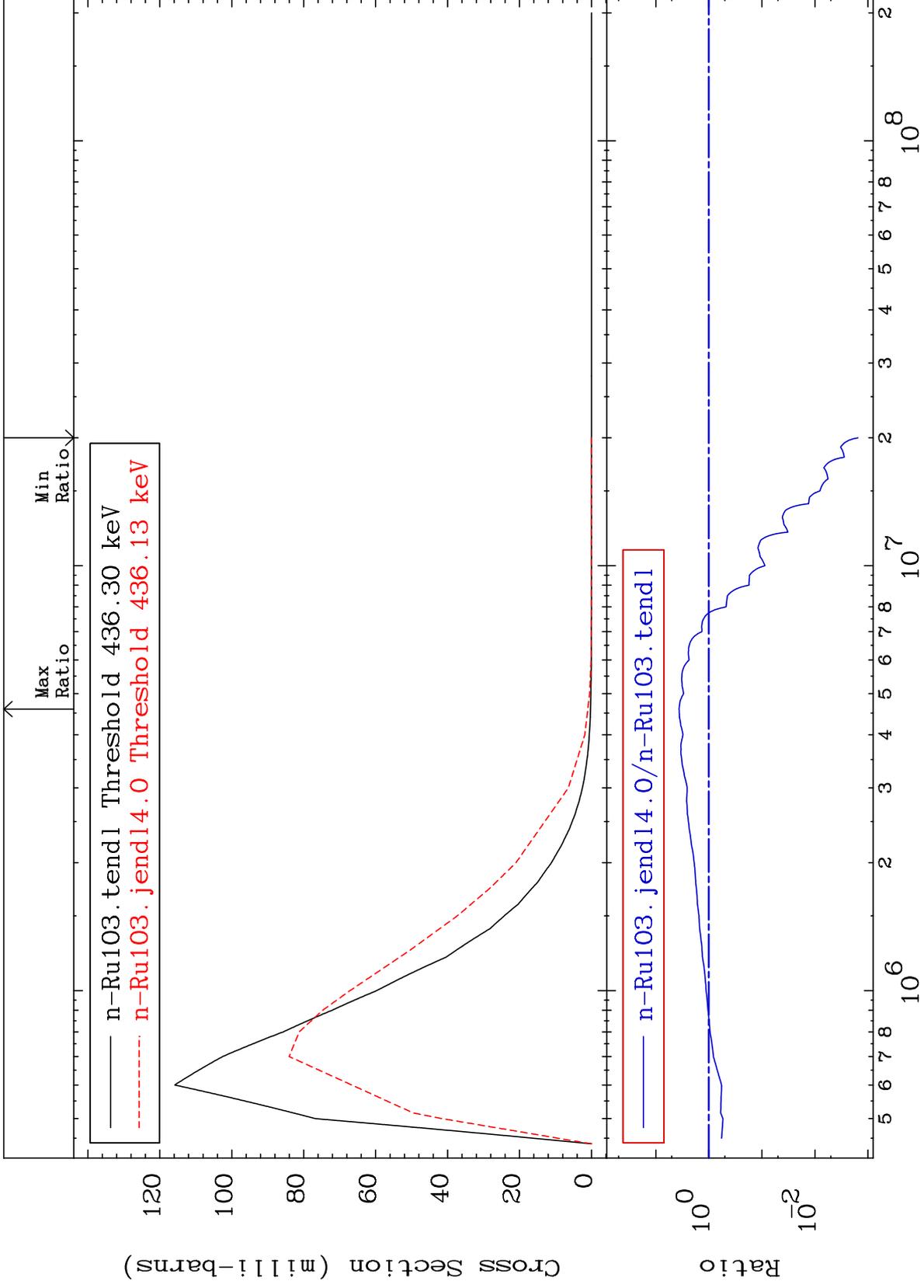
Incident Energy (eV)

44-Ru-103

MAT 4446

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

44-Ru-103  
-99.85 To 264.4 %



18

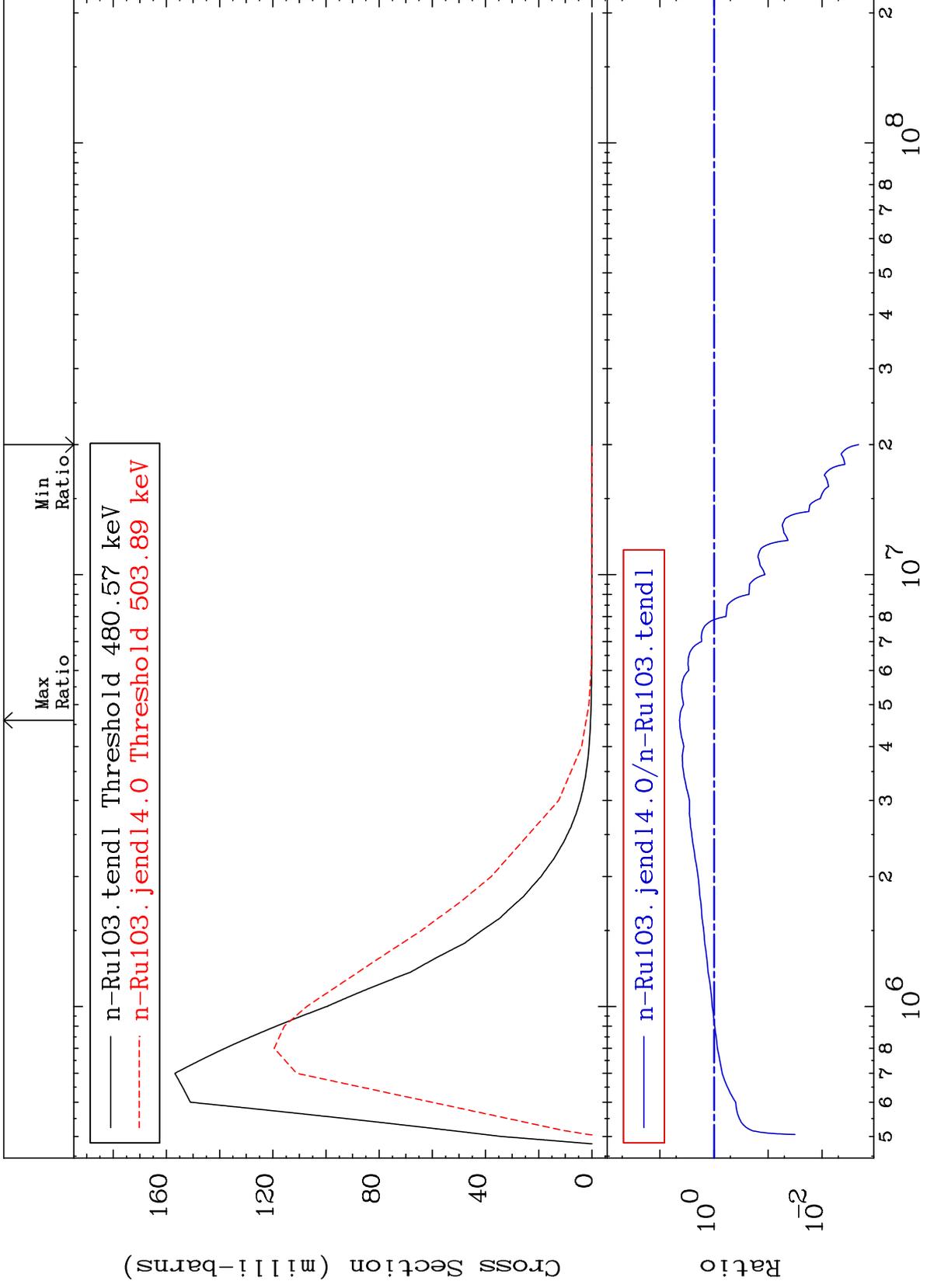
Incident Energy (eV)

44-Ru-103

MAT 4446

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

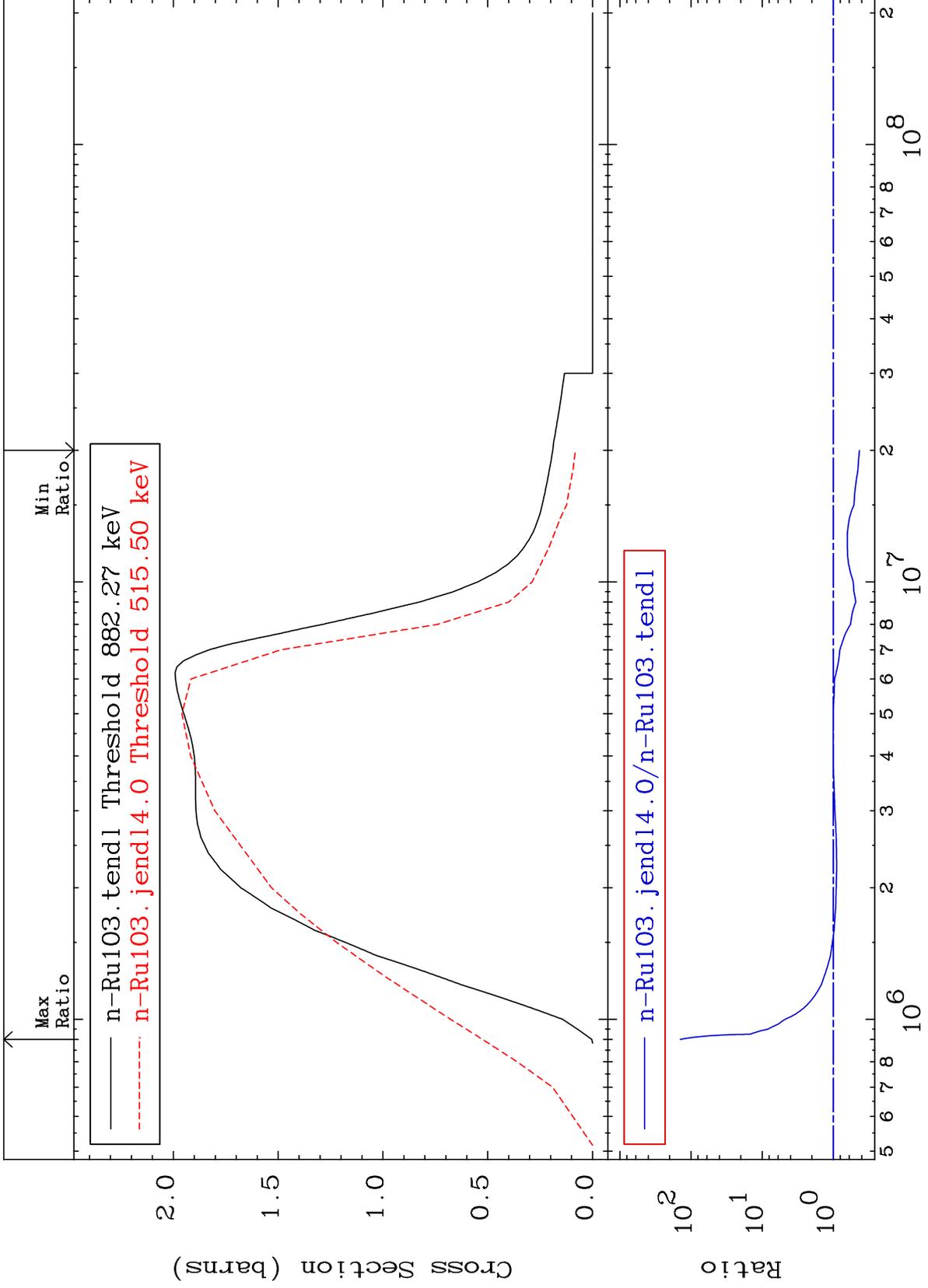
44-Ru-103  
-99.79 To 334.6 %



MAT 4446

(n, n') Continuum  
Cross Section

44-Ru-103  
-56.97 To 9999. %



20

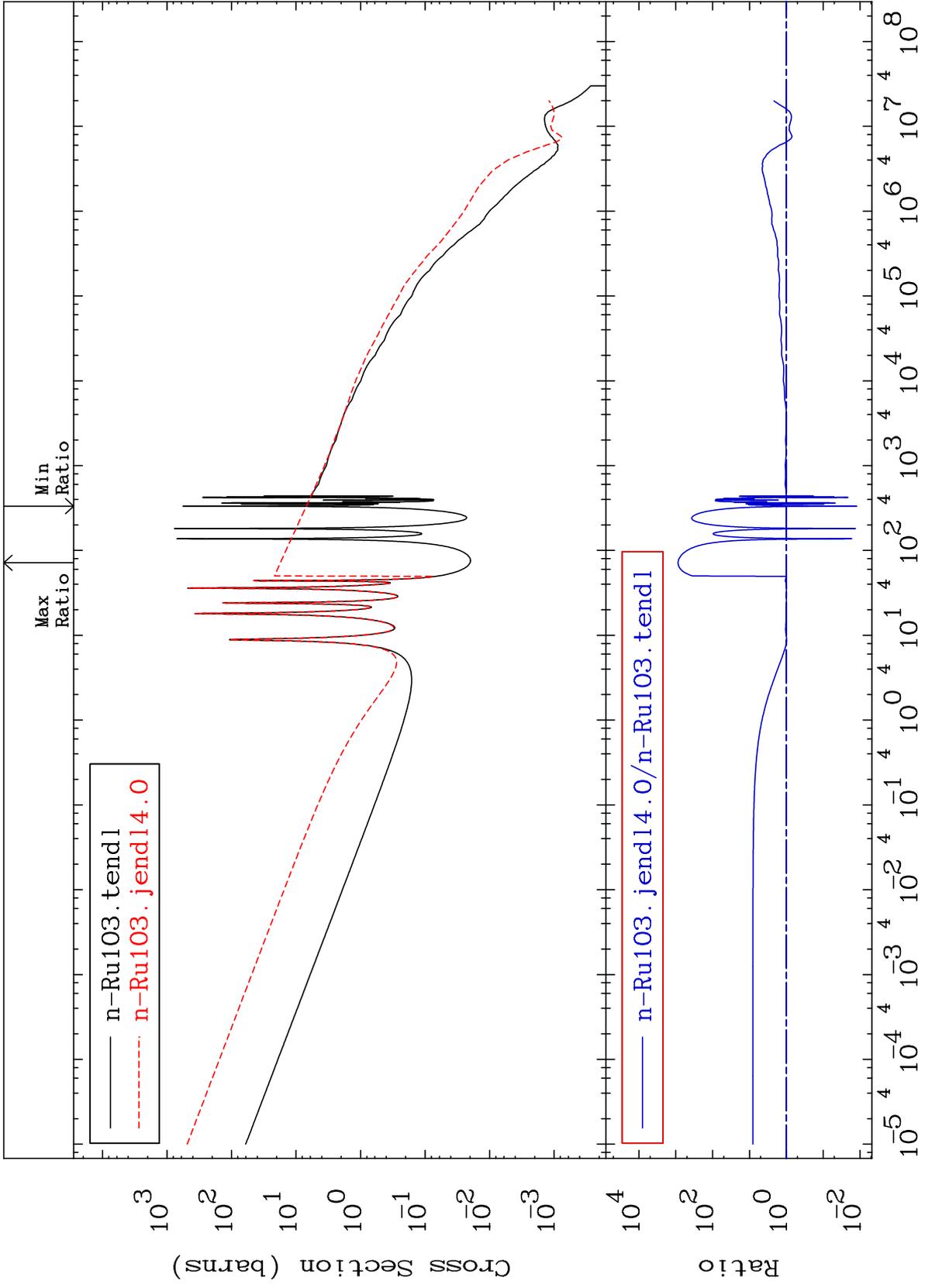
44-Ru-103

44-Ru-103

MAT 4446

(n,  $\gamma$ )  
Cross Section

44-Ru-103  
-98.77 To 9999. %



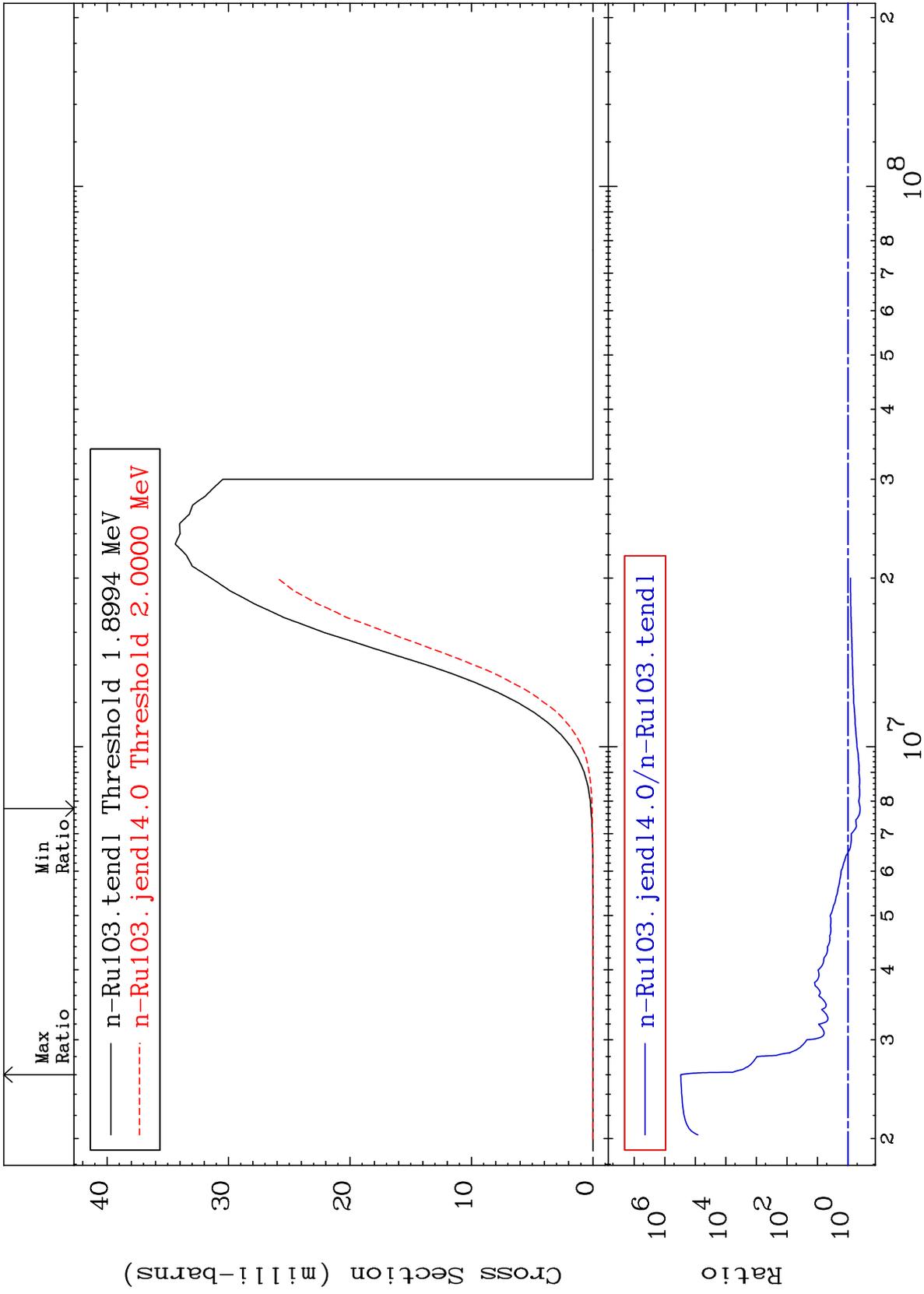
MAT 4446

(n, p)

44-Ru-103

Cross Section

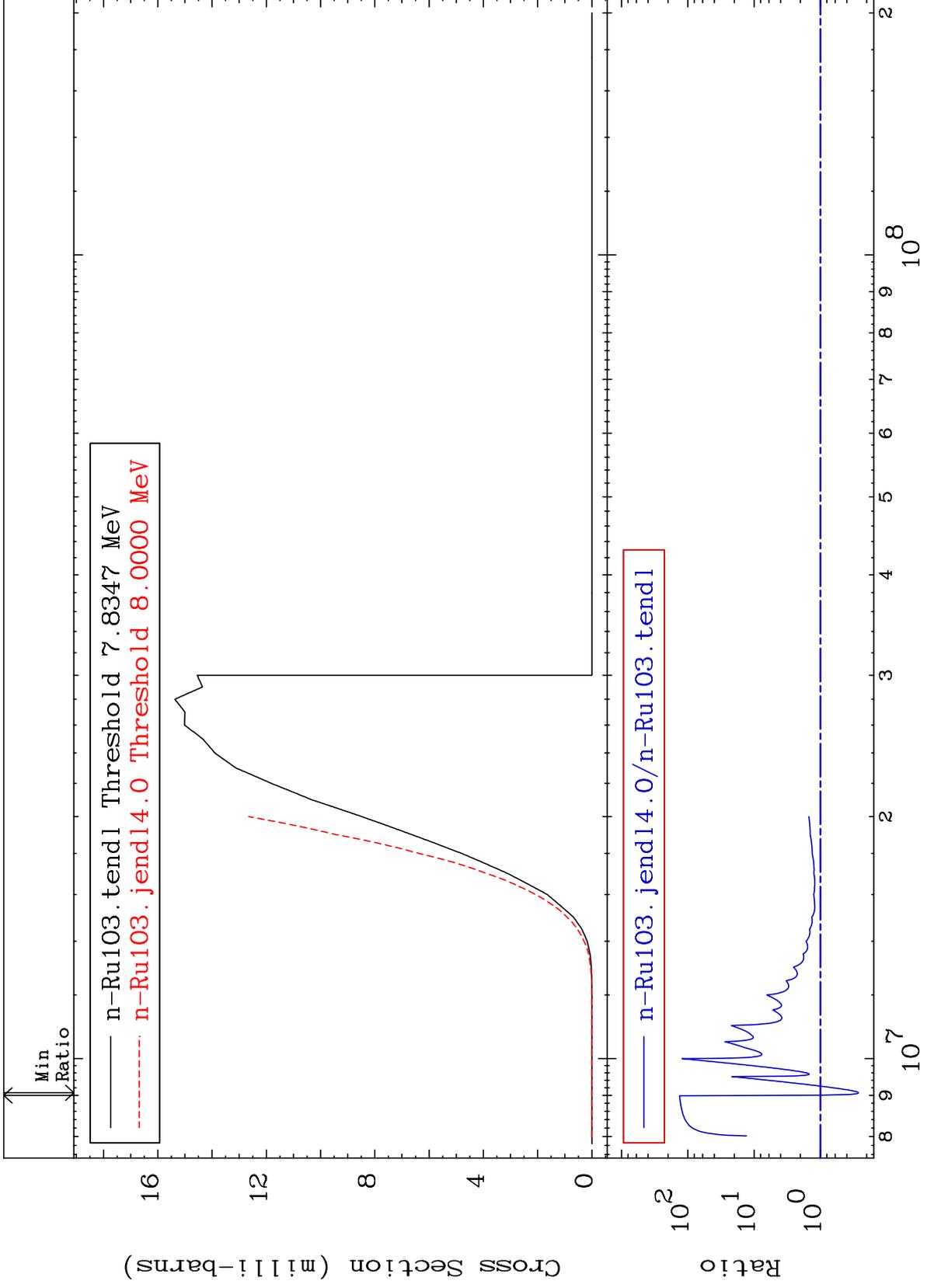
-59.82 To 9999. %



MAT 4446

(n, d)  
Cross Section

44-Ru-103  
-73.41 To 9999. %



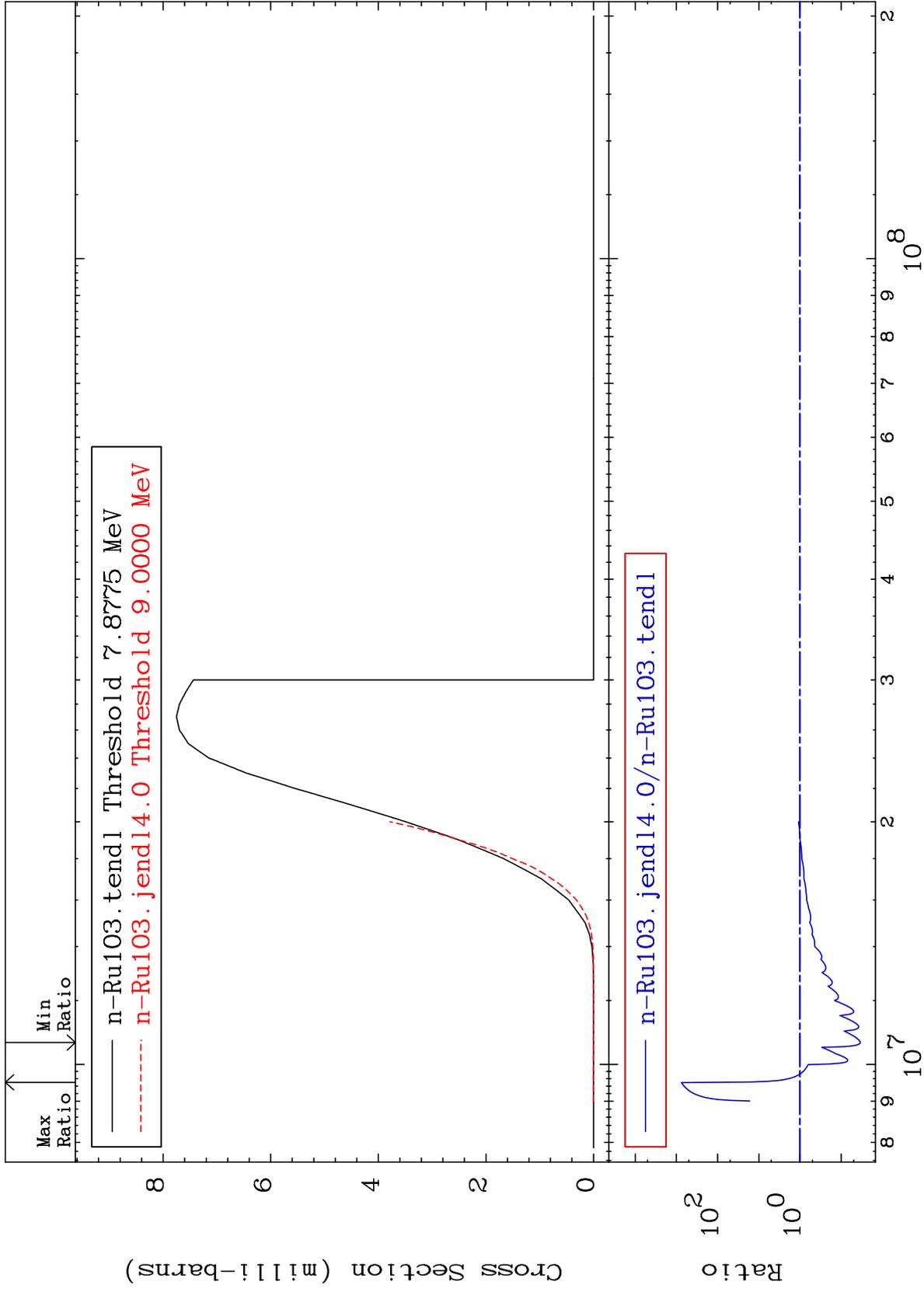
MAT 4446

(n, t)

44-Ru-103

Cross Section

-96.53 To 9999. %



24

44-Ru-103

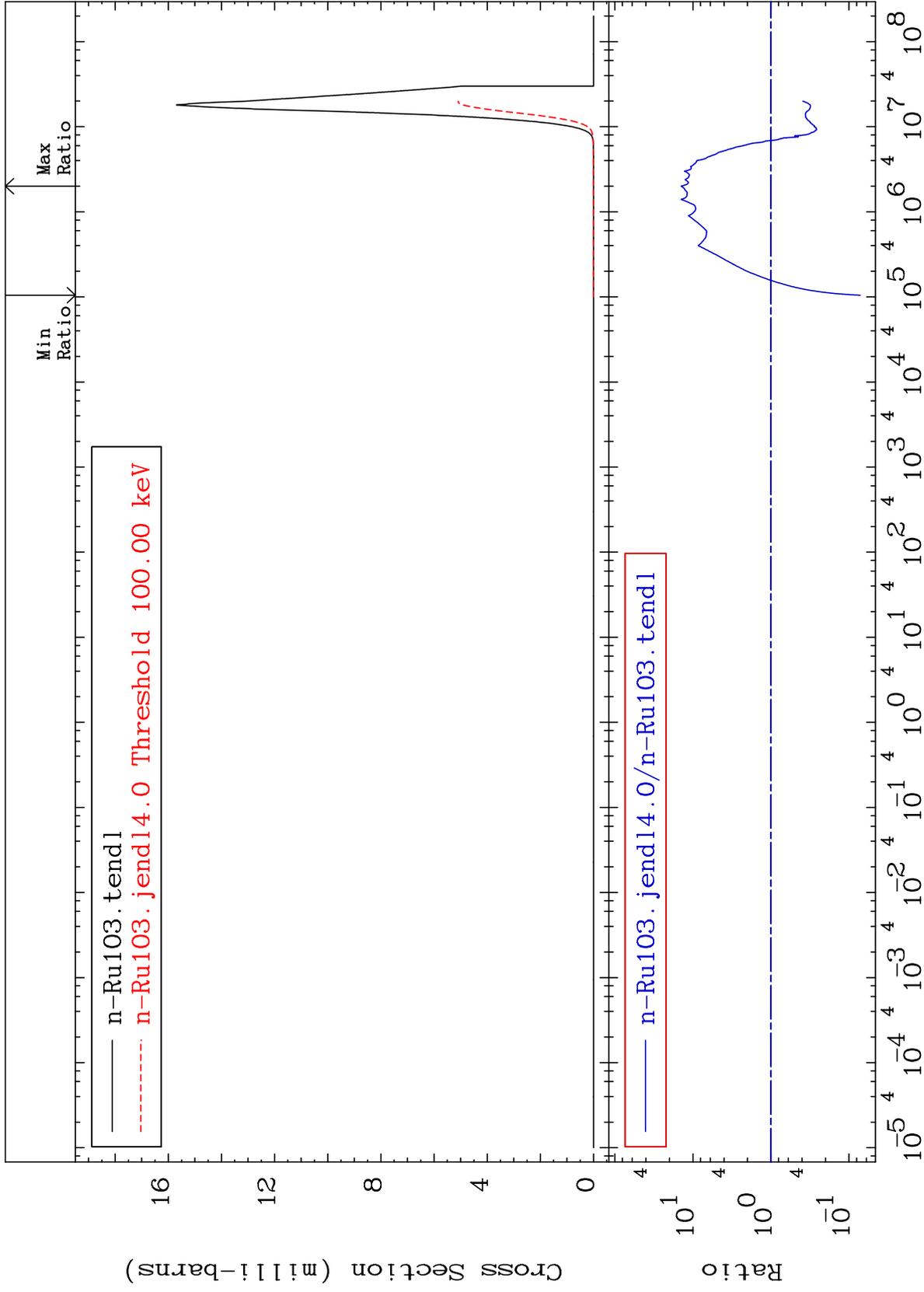
MAT 4446

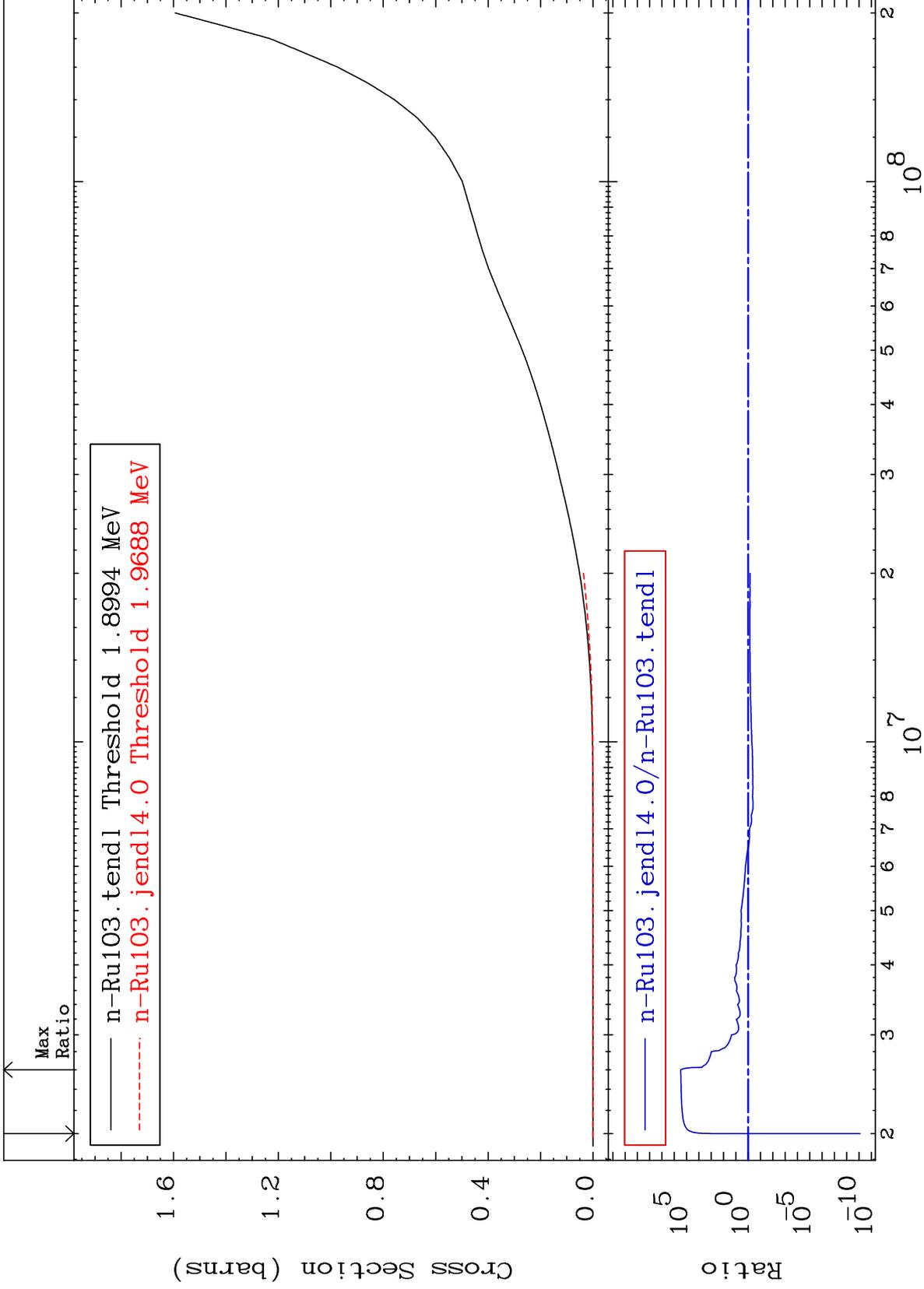
(n,  $\alpha$ )

44-Ru-103

Cross Section

-92.80 To 1314. %

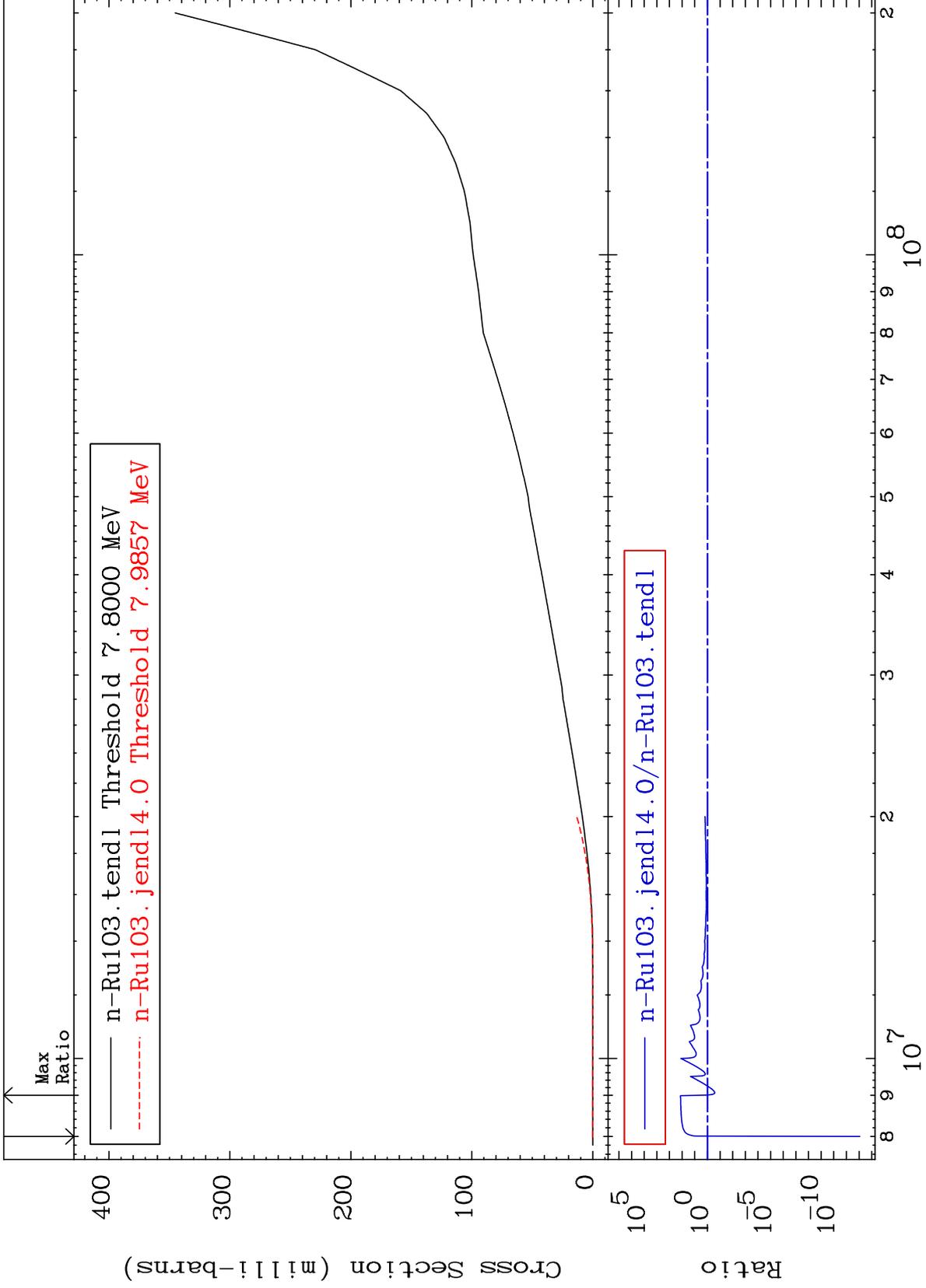


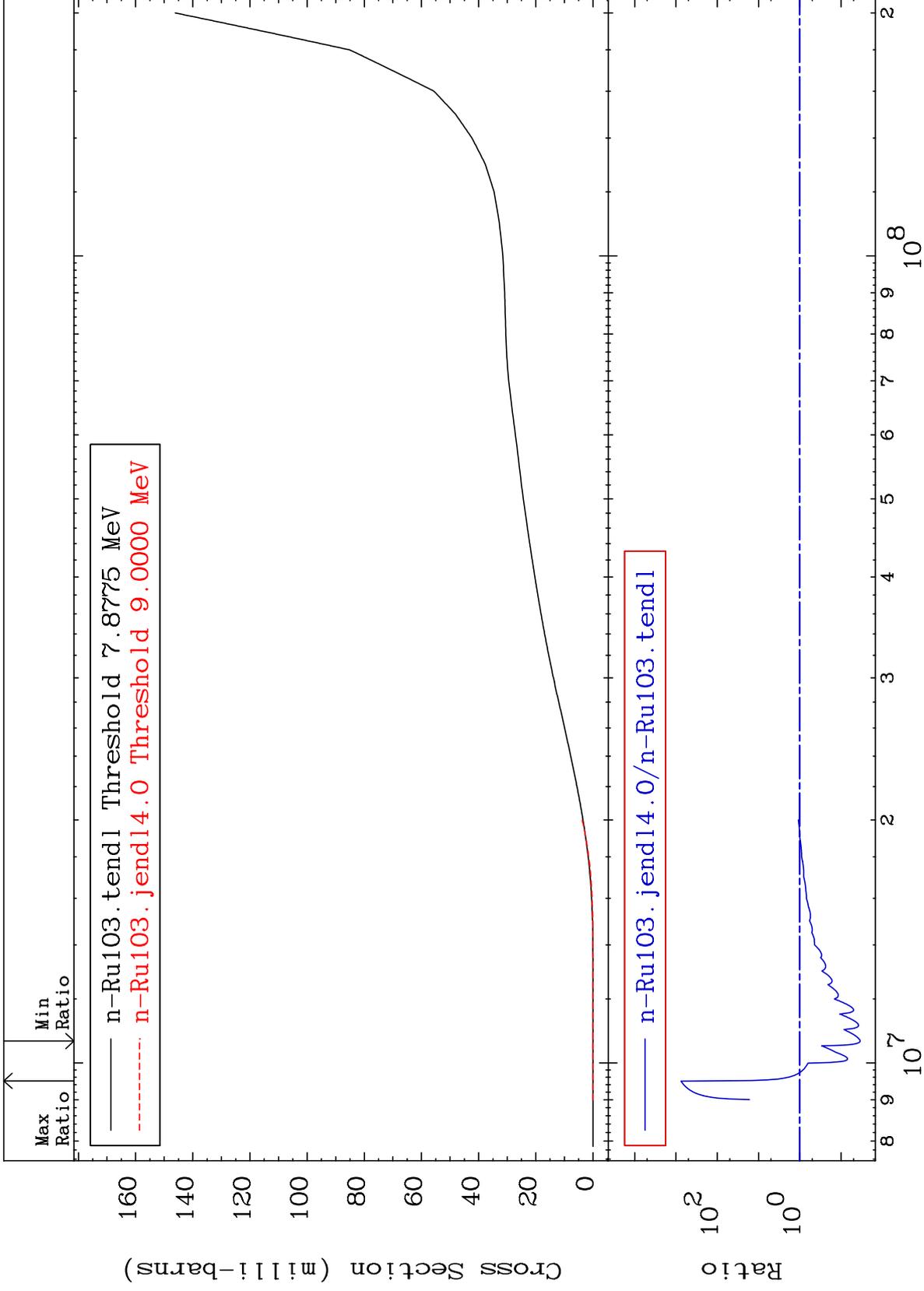


MAT 4446

Deuterium Production  
Cross Section

44-Ru-103  
-100.0 To 9999. %

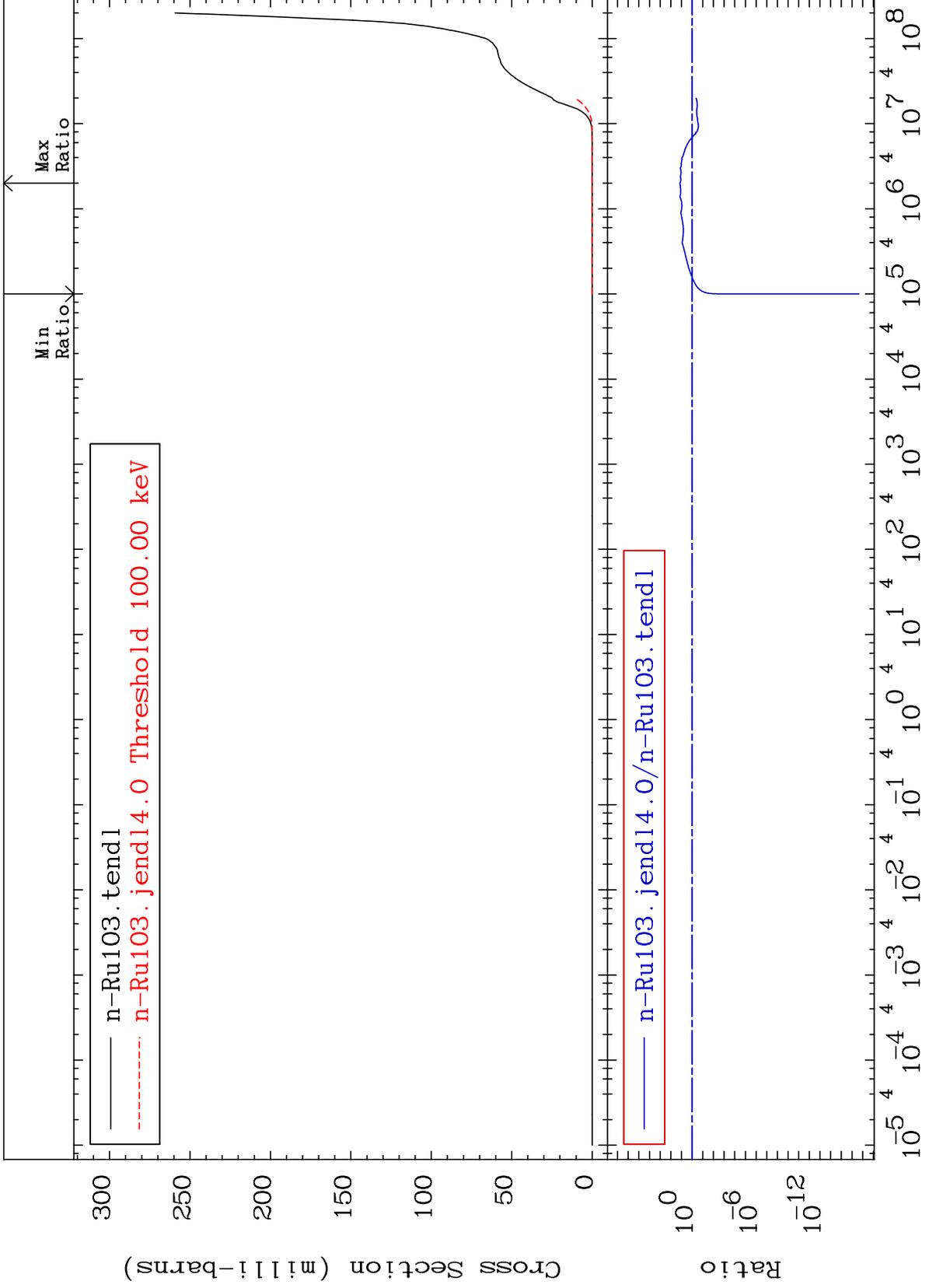


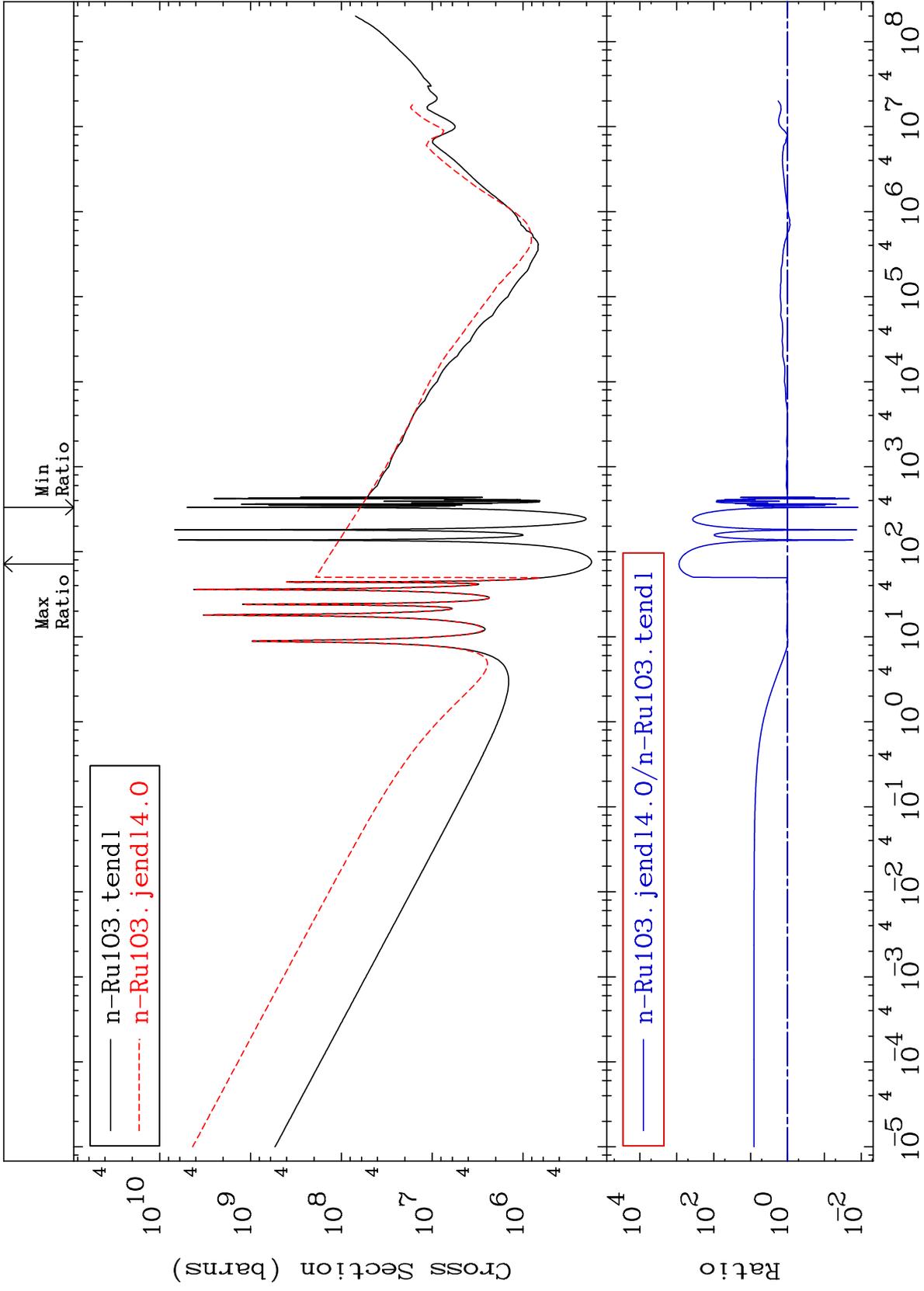


MAT 4446

He-4 Production  
Cross Section

44-Ru-103  
-100.0 To 1314. %

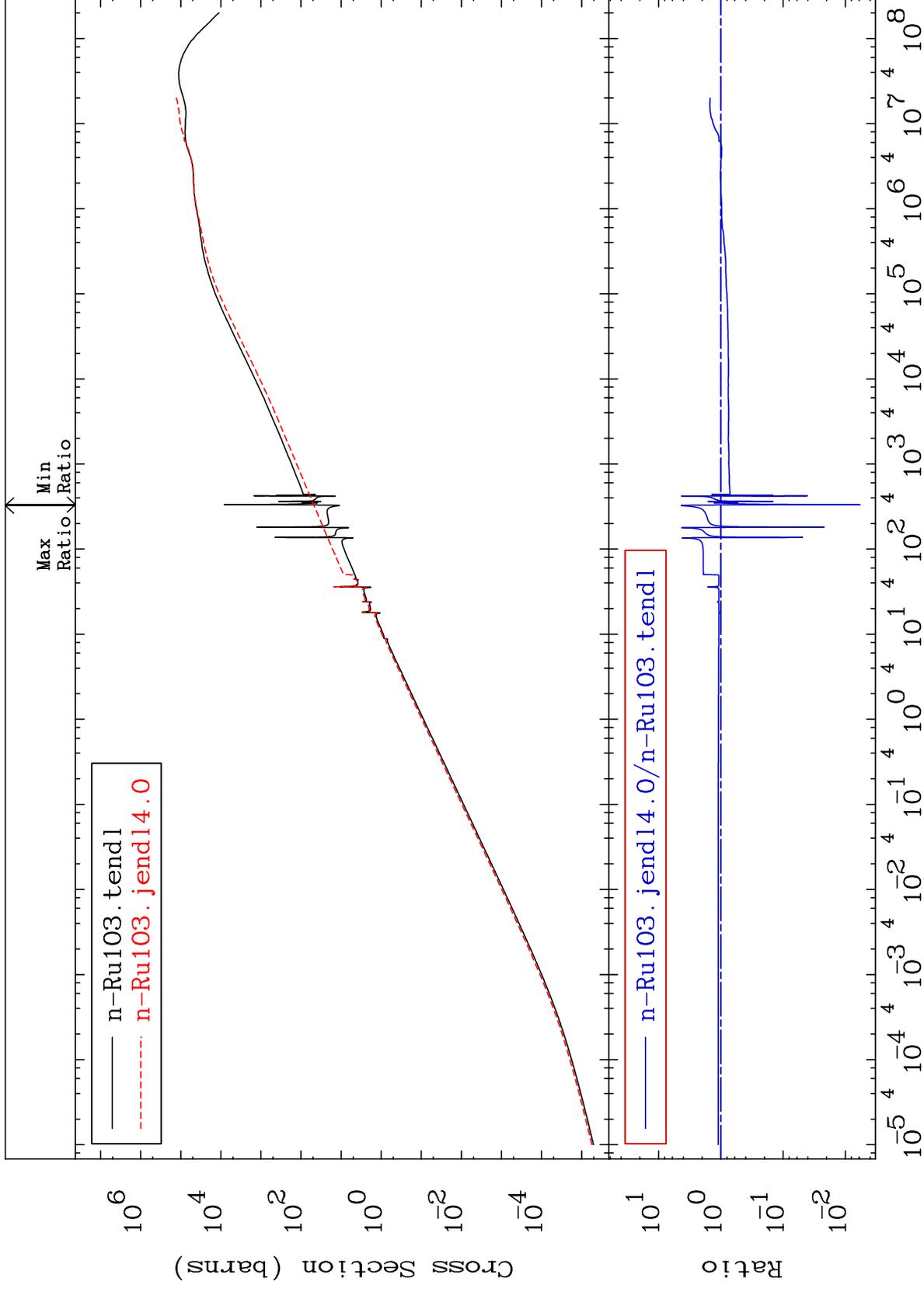


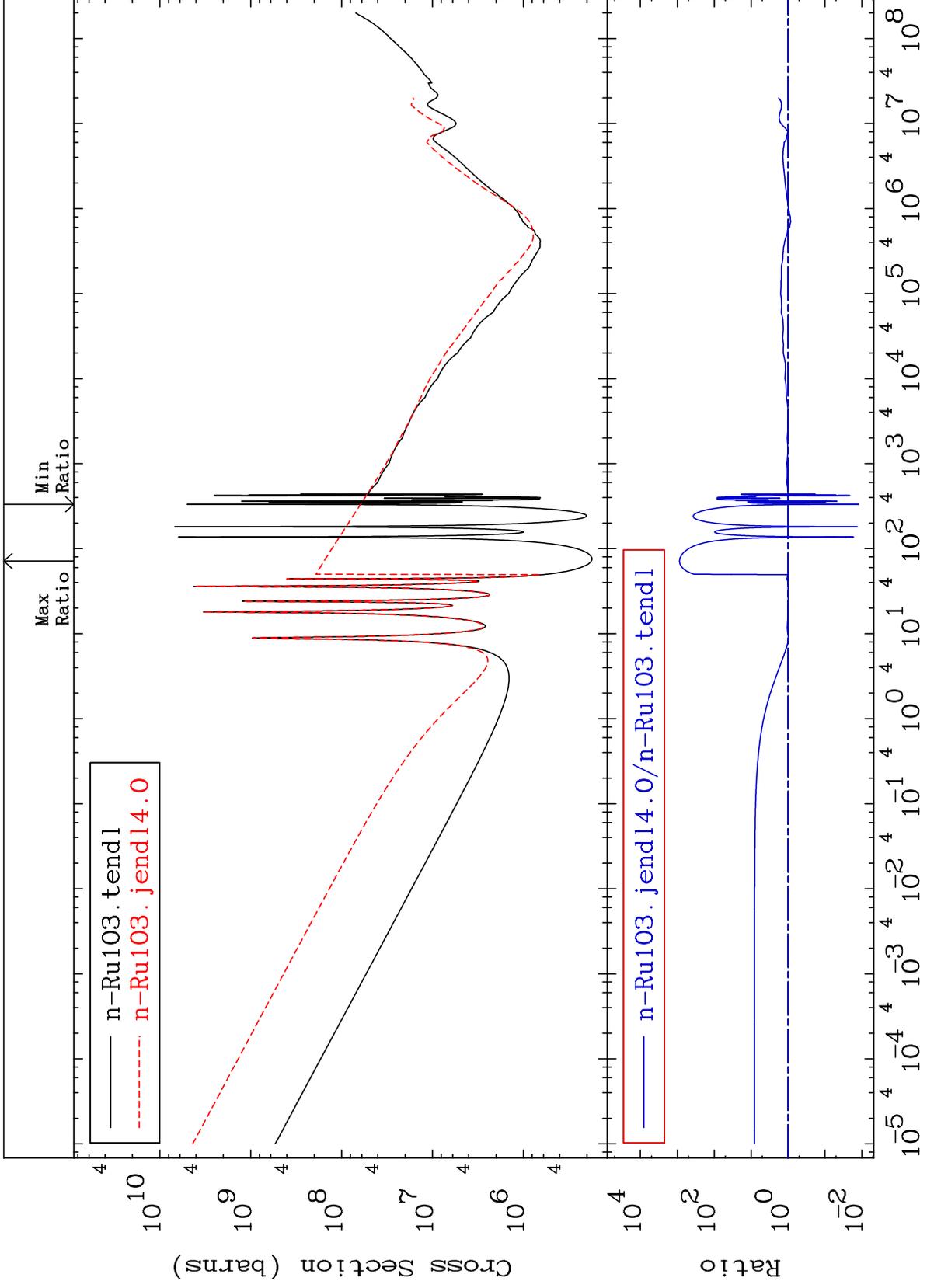


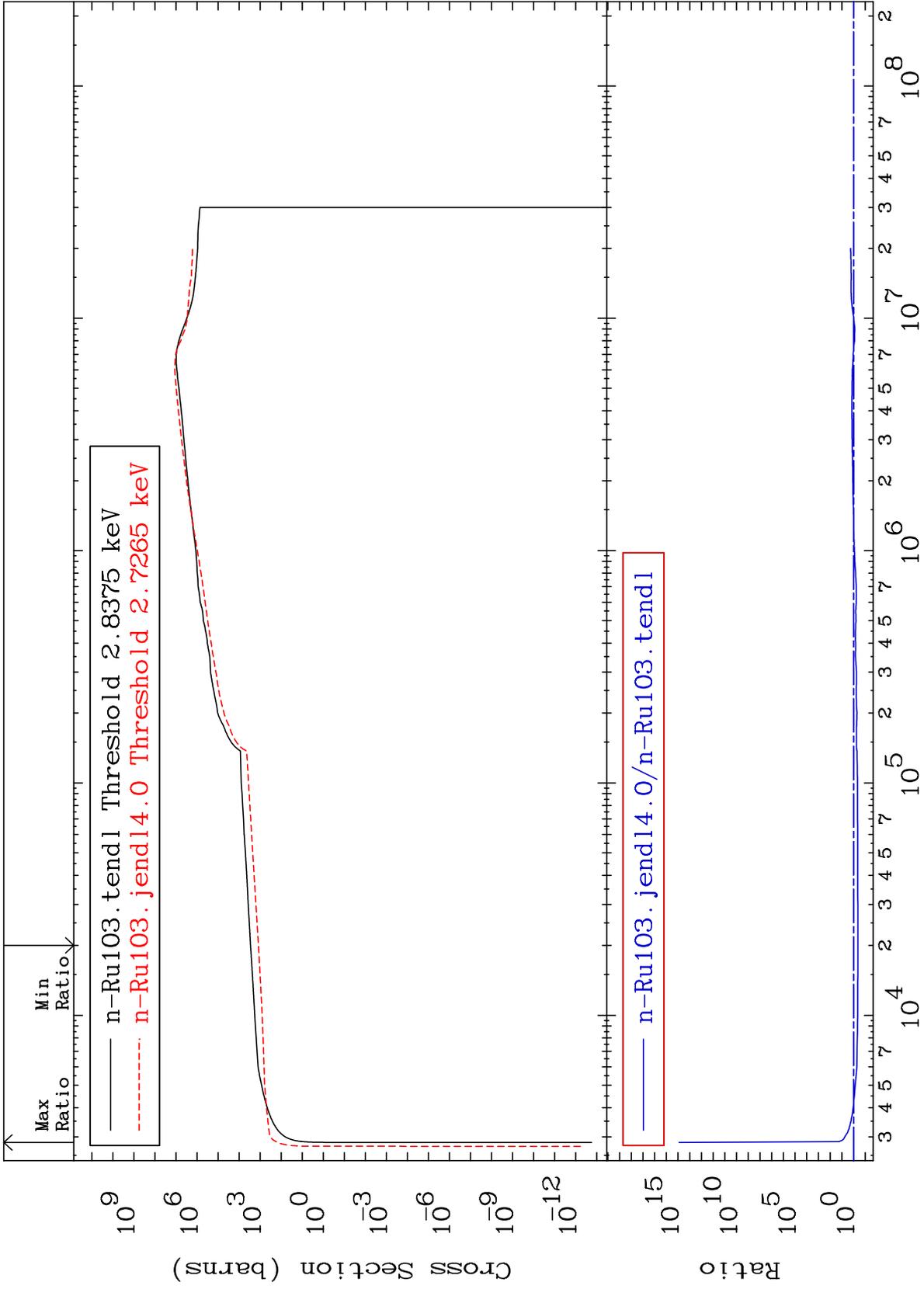
MAT 4446

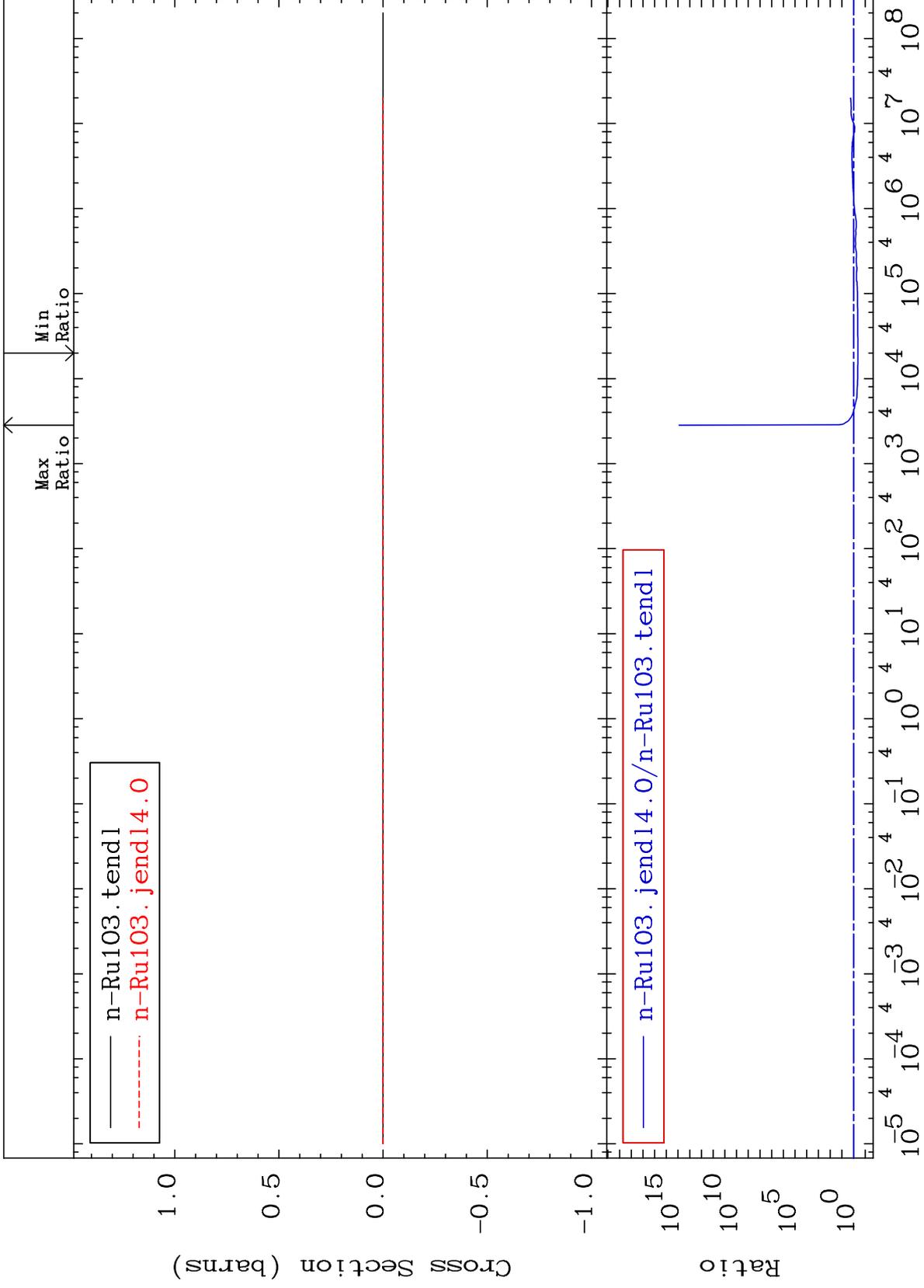
Kerma elastic  
Cross Section

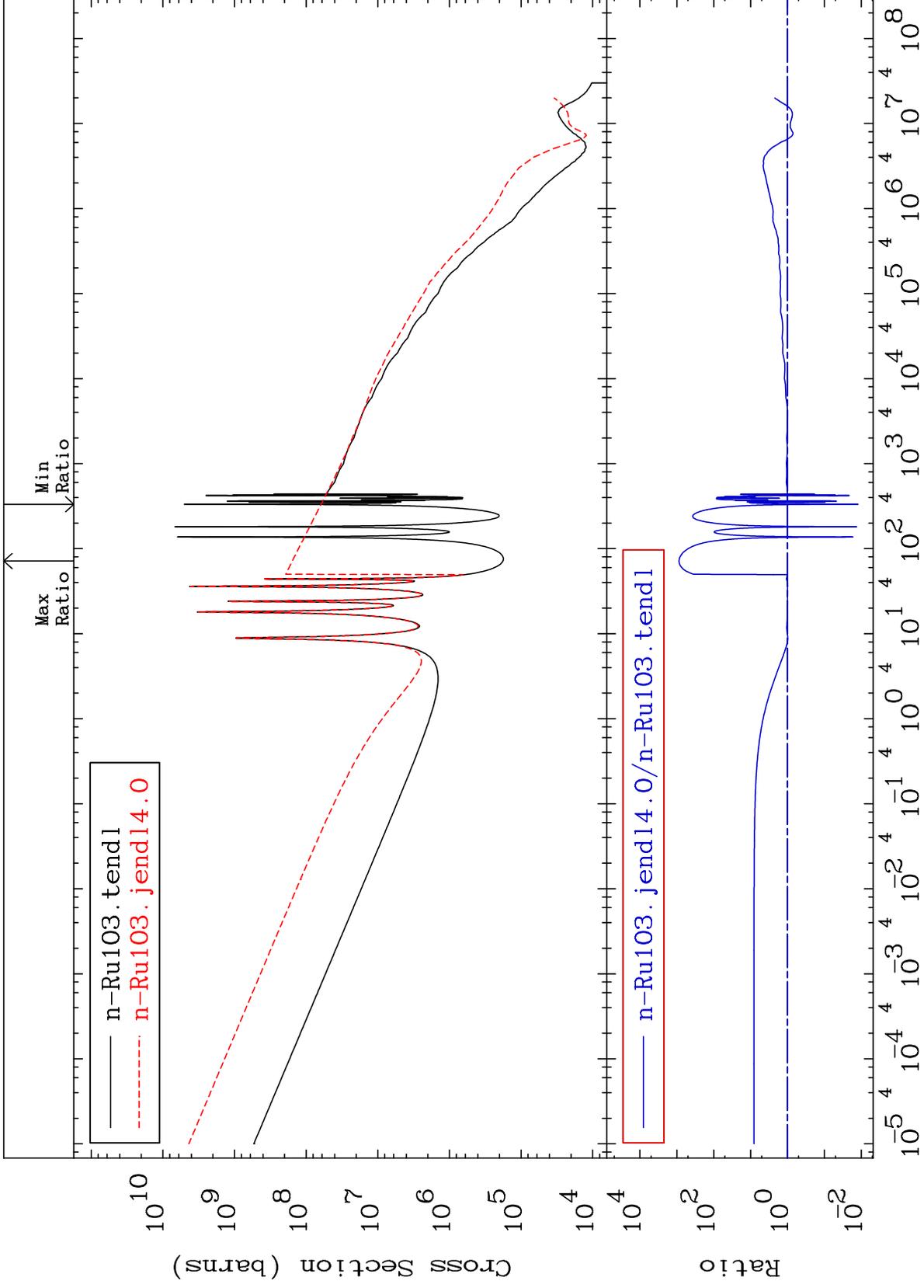
44-Ru-103  
-99.42 To 334.6 %

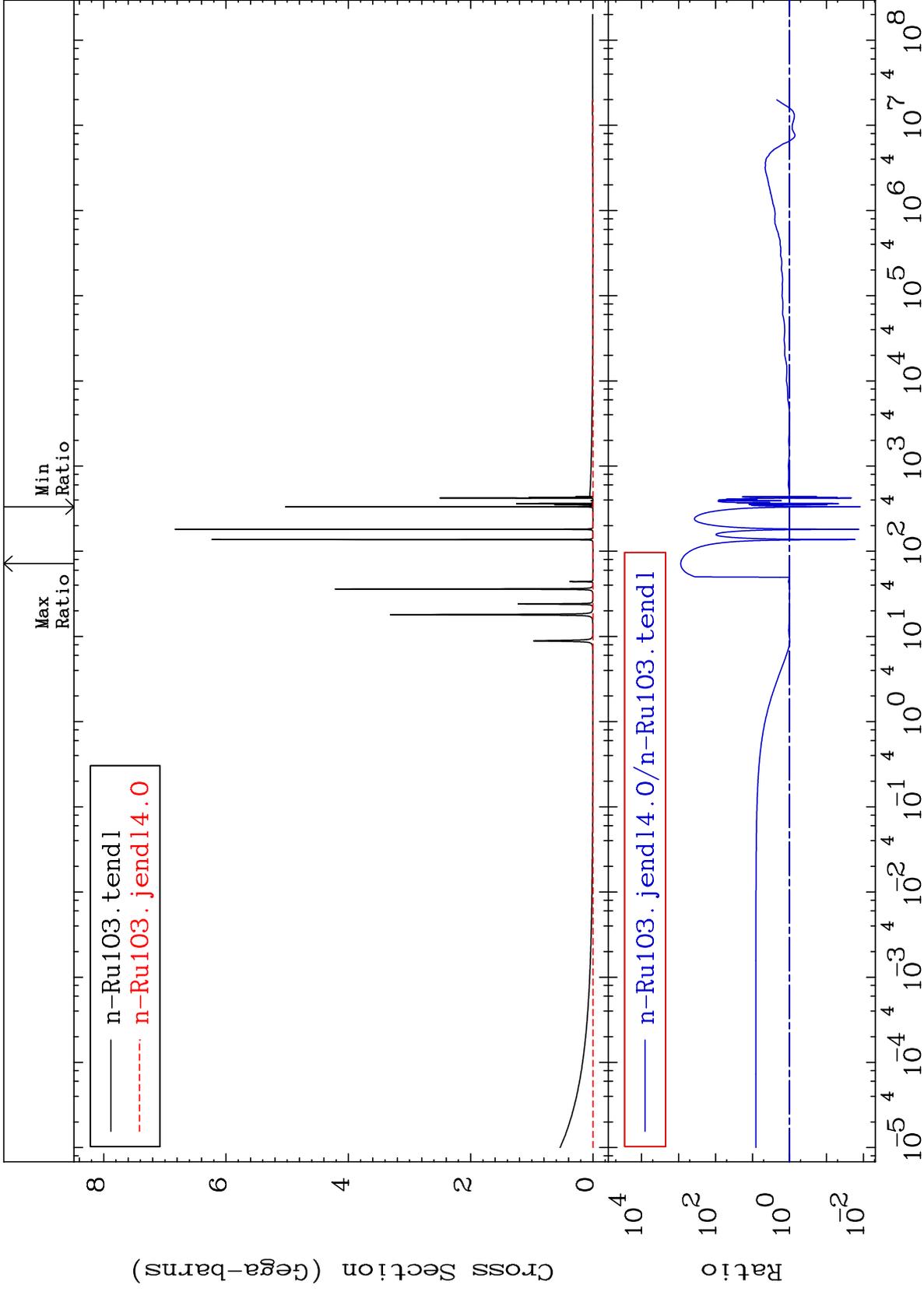






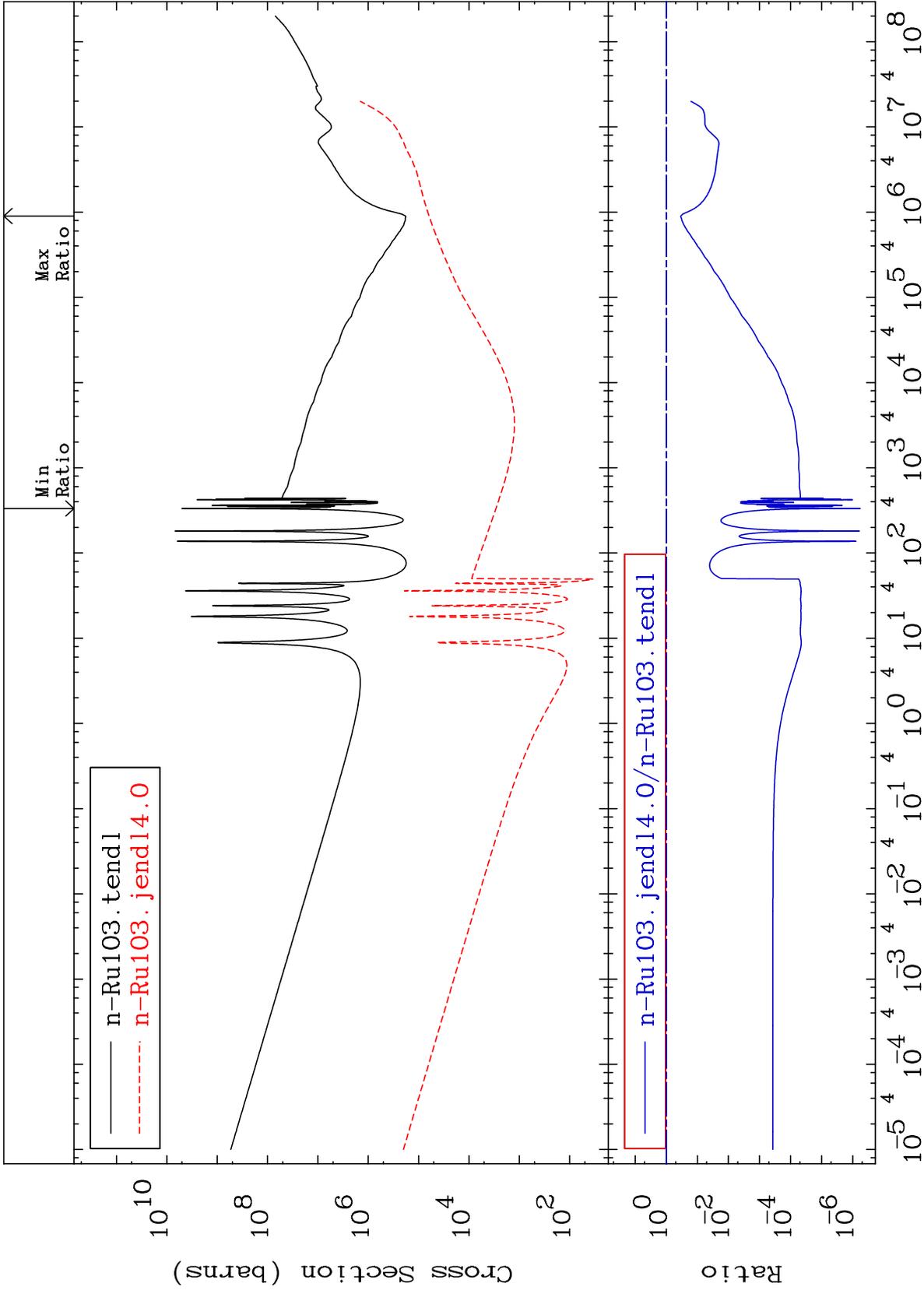


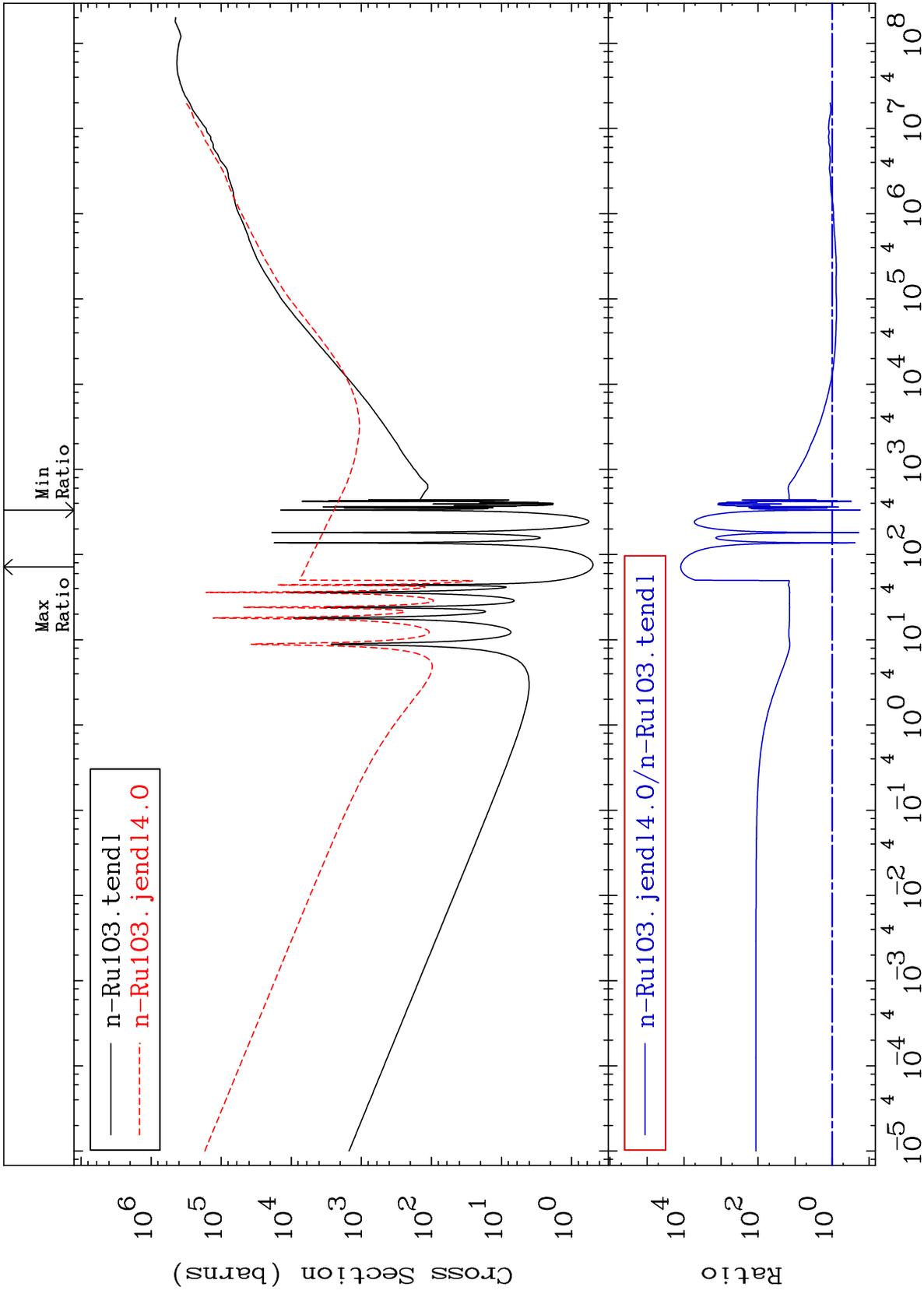




Cross Section

-100.0 To -65.88%





MAT 4446

Dpa elastic (mt2)  
Cross Section

44-Ru-103  
-25.55 To 50.58 %

