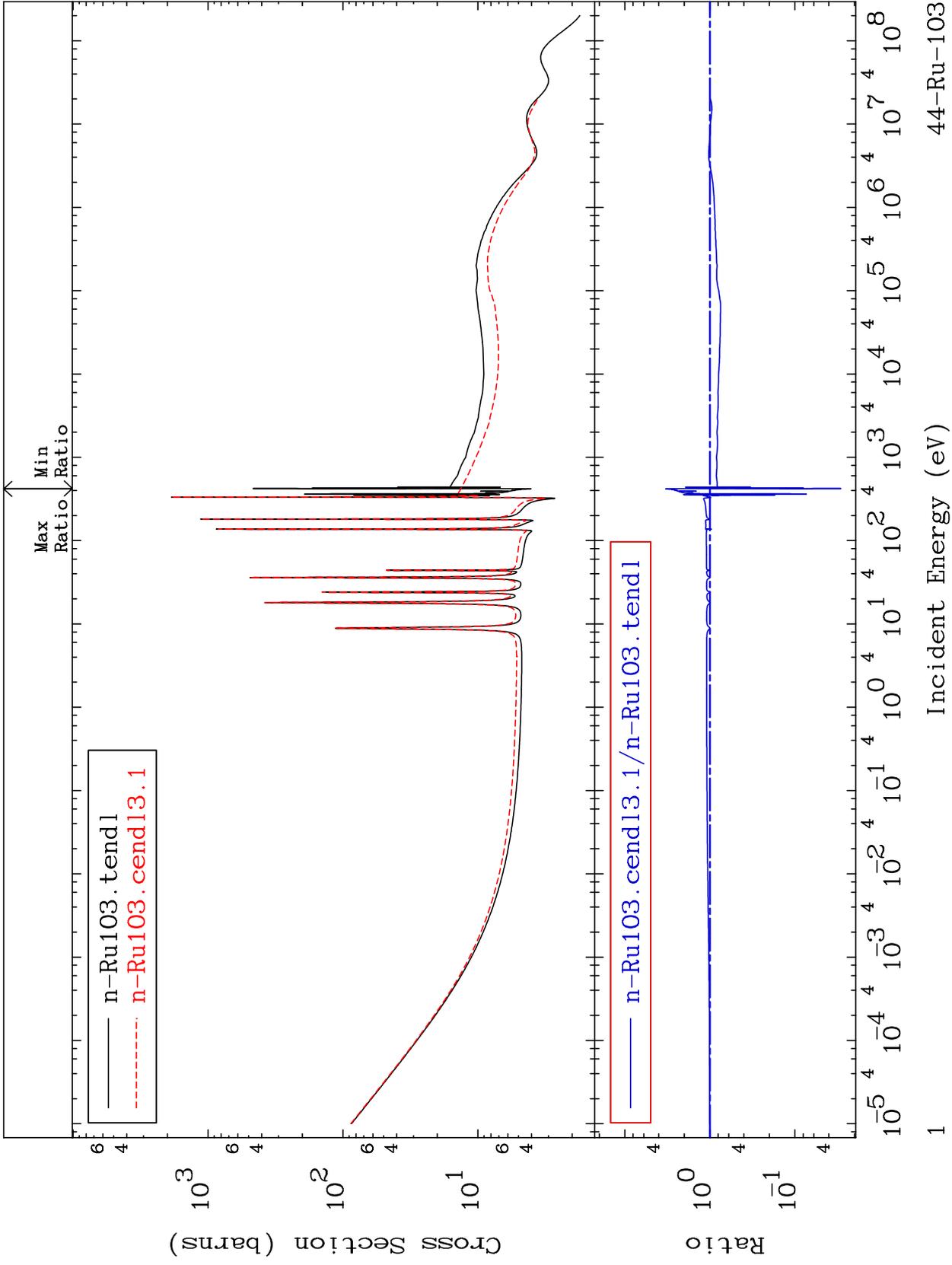


MAT 4446

Total Cross Section  
44-Ru-103  
-97.11 To 232.7 %



44-Ru-103

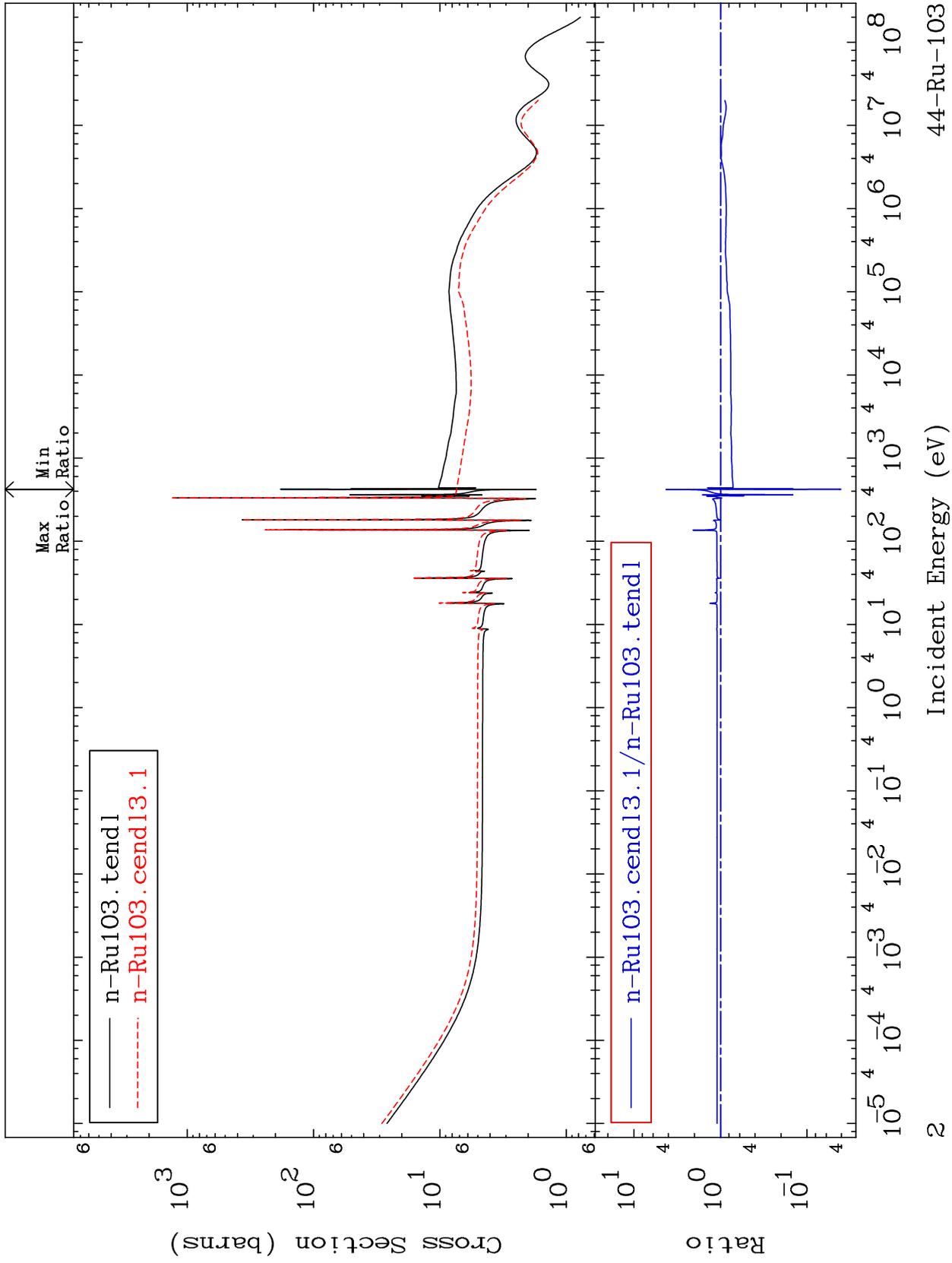
MAT 4446

Elastic

44-Ru-103

Cross Section

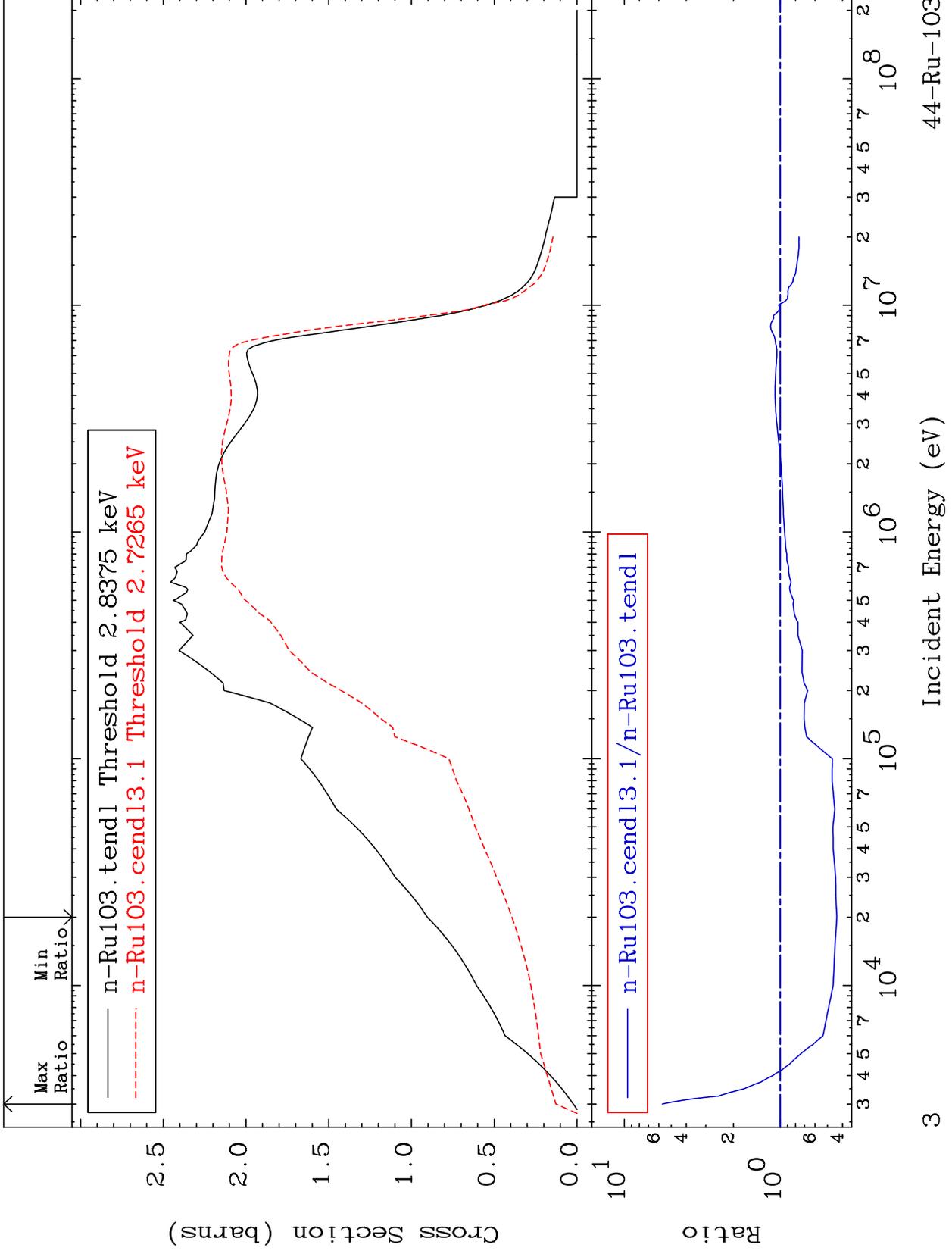
-95.95 To 326.6 %



MAT 4446

Inelastic  
Cross Section

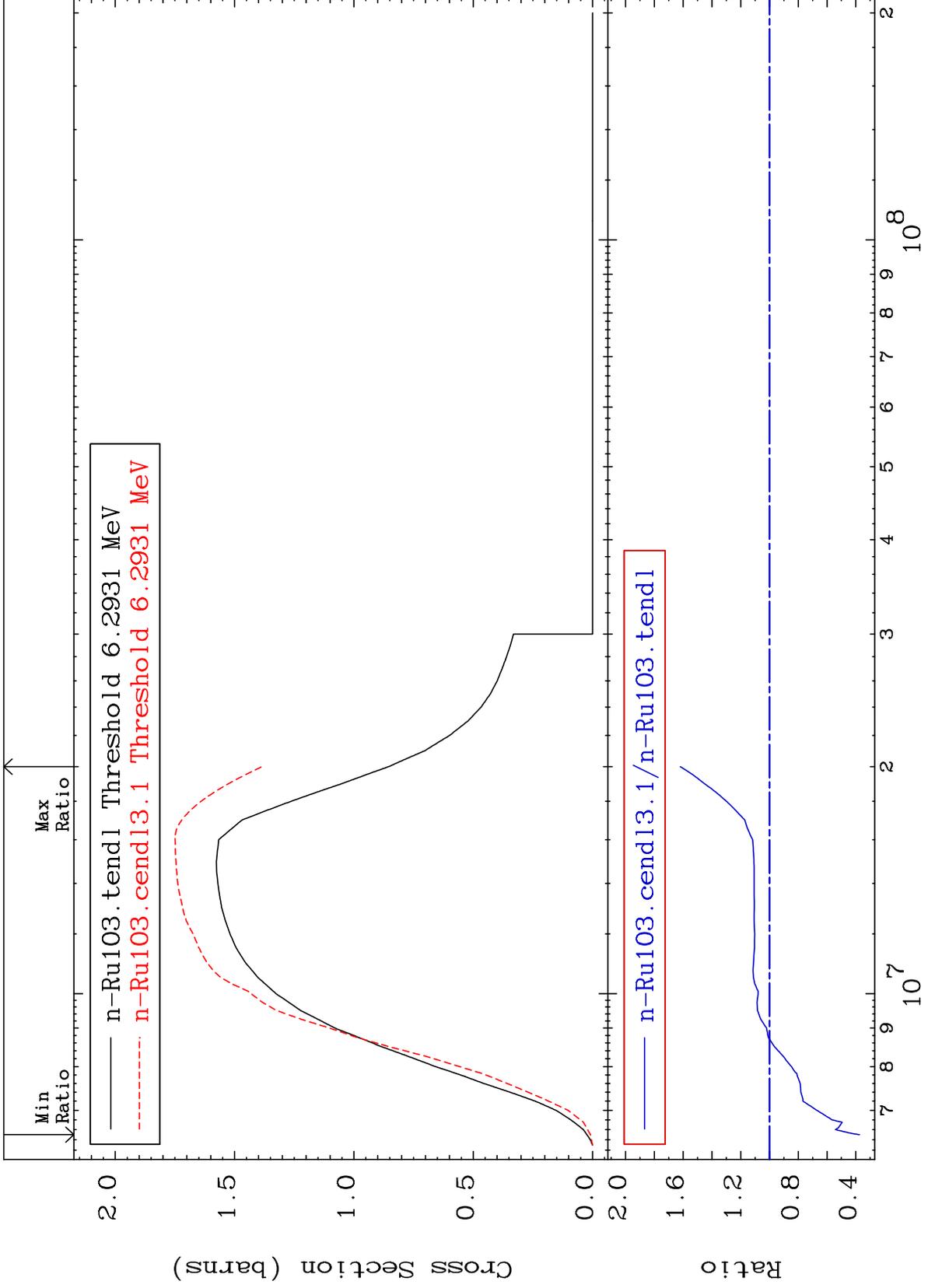
44-Ru-103  
-56.50 To 470.0 %



MAT 4446

(n,2n)  
Cross Section

44-Ru-103  
-62.54 To 61.96 %



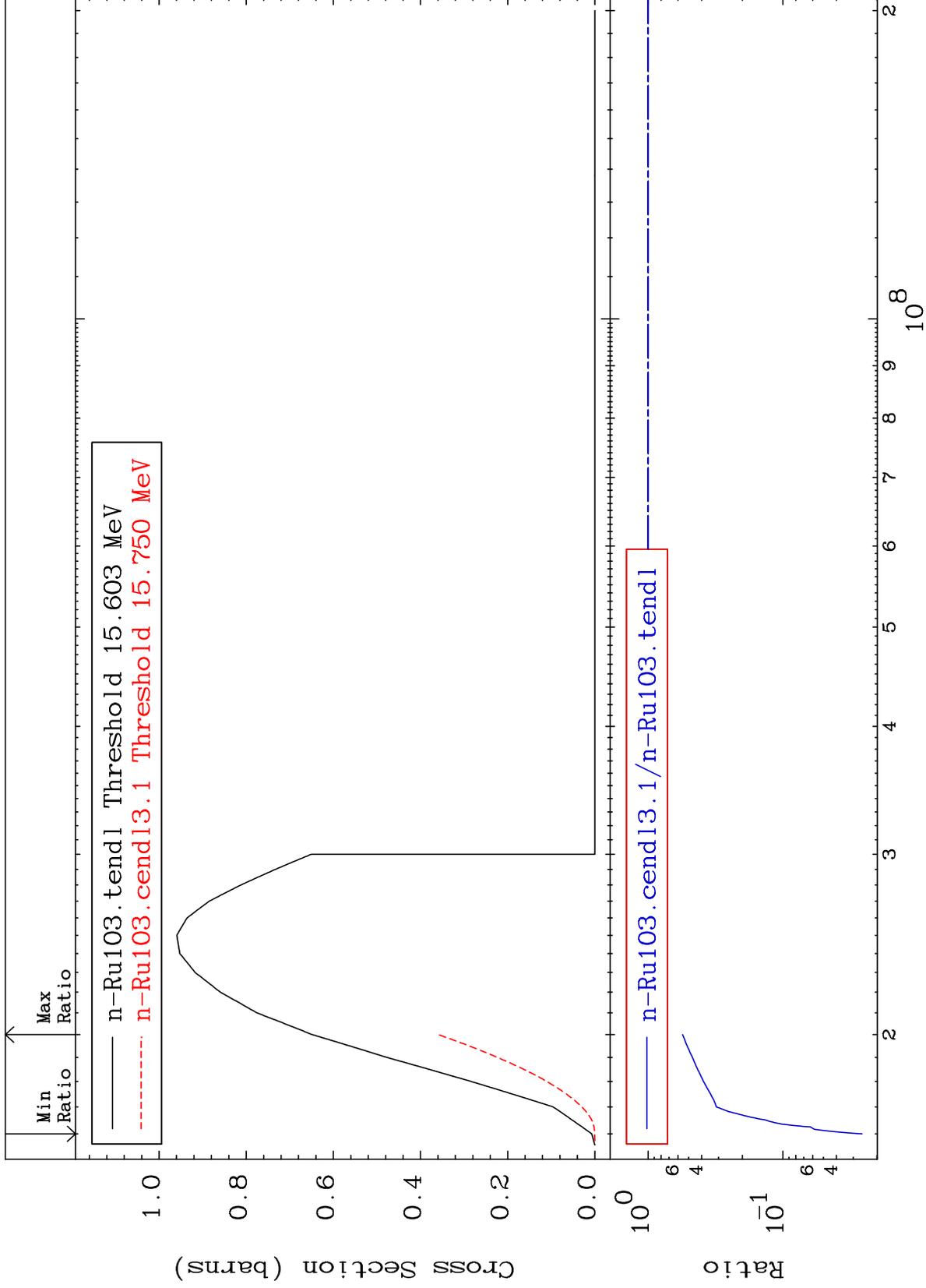
MAT 4446

(n,3n)

44-Ru-103

Cross Section

-97.42 To -44.61%



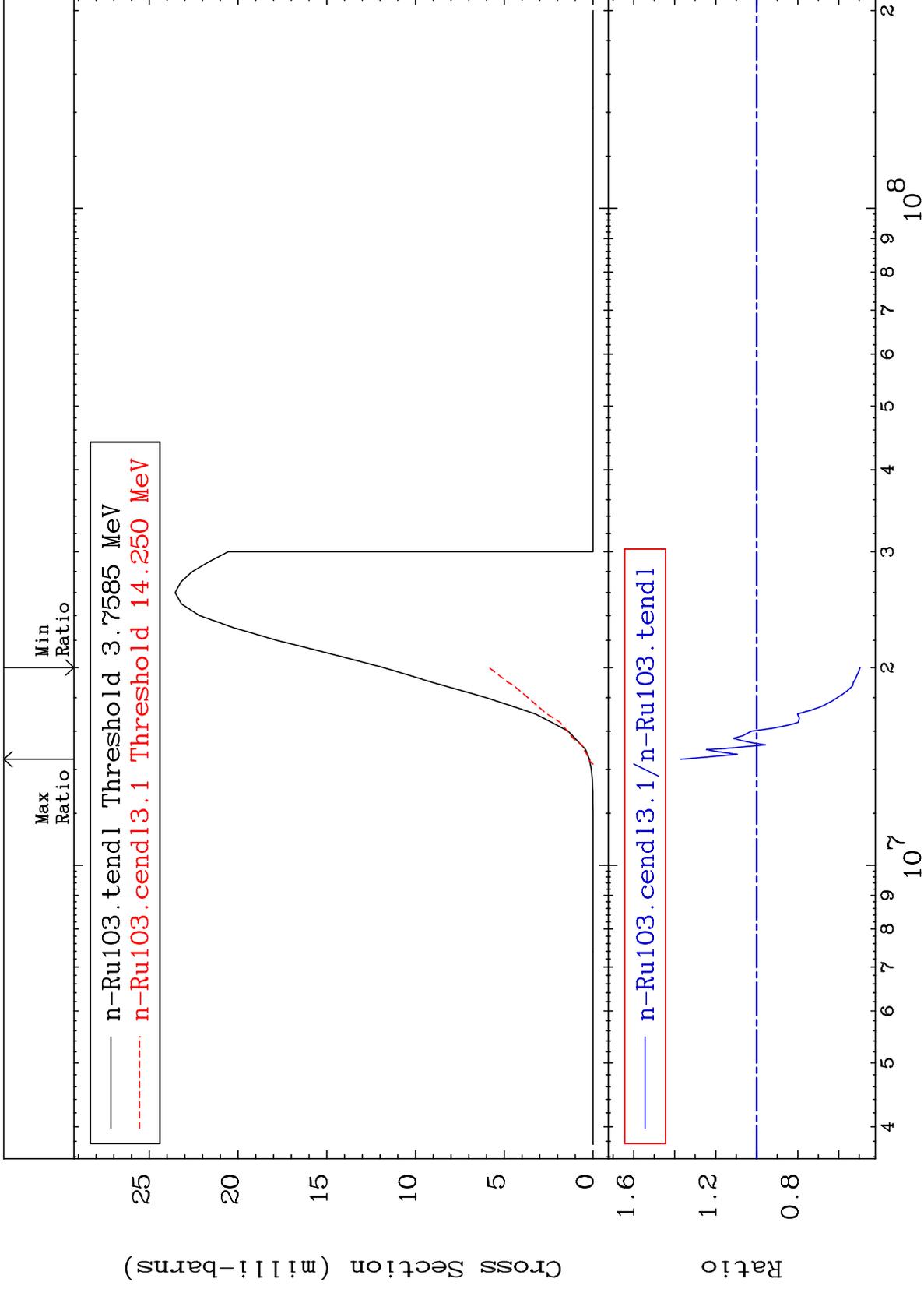
MAT 4446

(n, n')  $\alpha$

44-Ru-103

Cross Section

-50.37 To 37.03 %



6

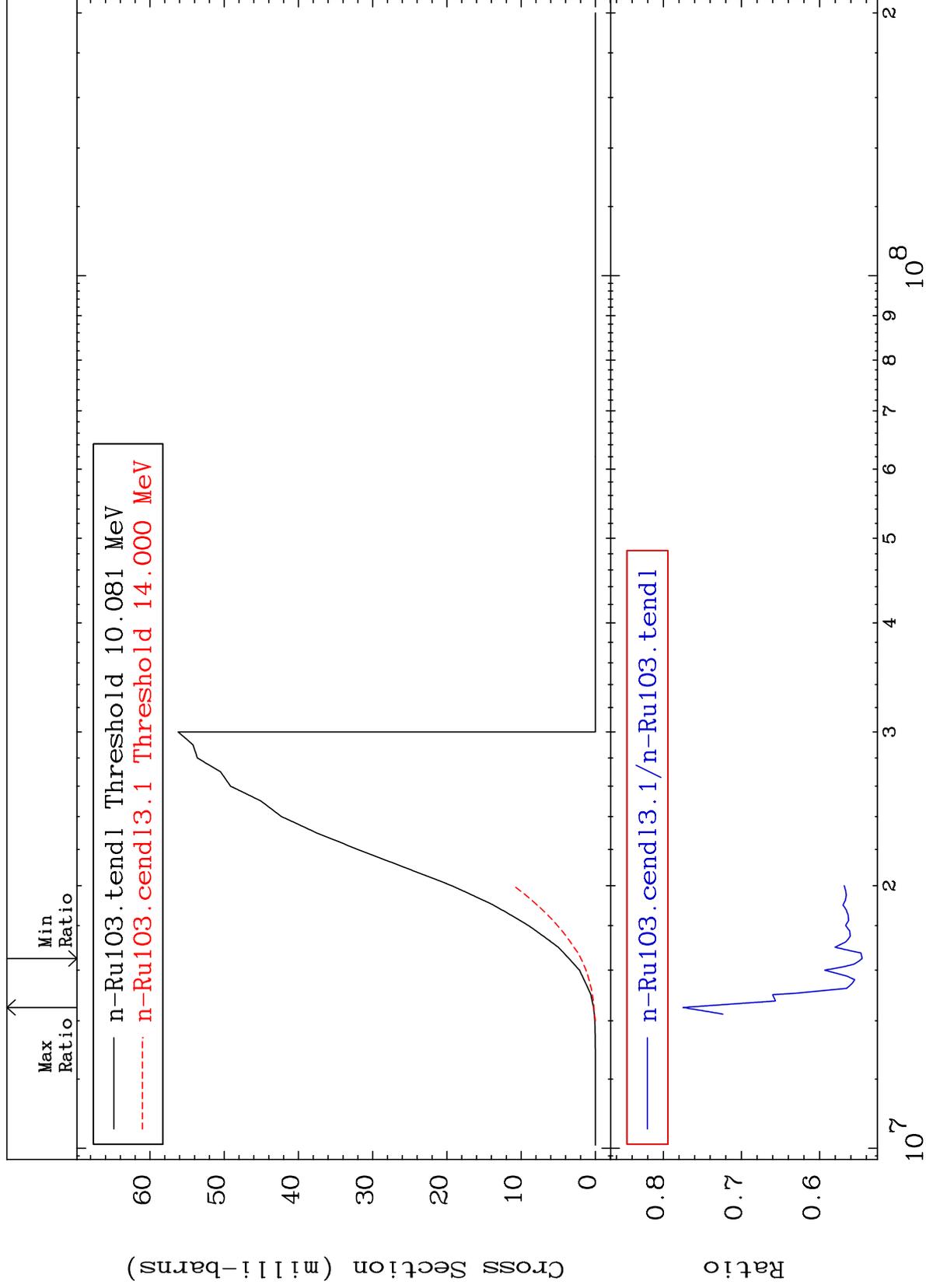
44-Ru-103

44-Ru-103

MAT 4446

(n, n') p  
Cross Section

44-Ru-103  
-45.46 To -22.52%



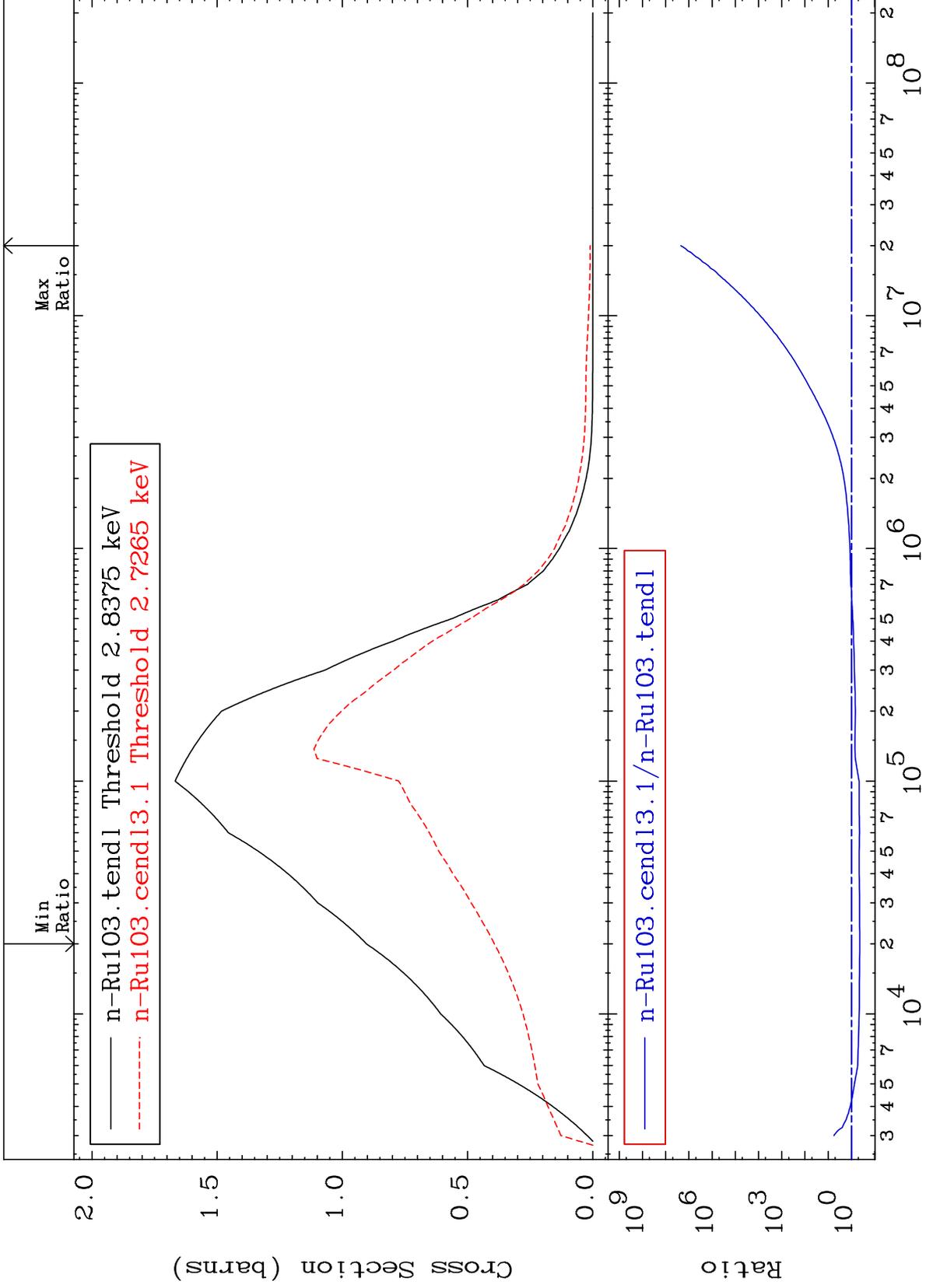
44-Ru-103

Incident Energy (eV)

MAT 4446

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

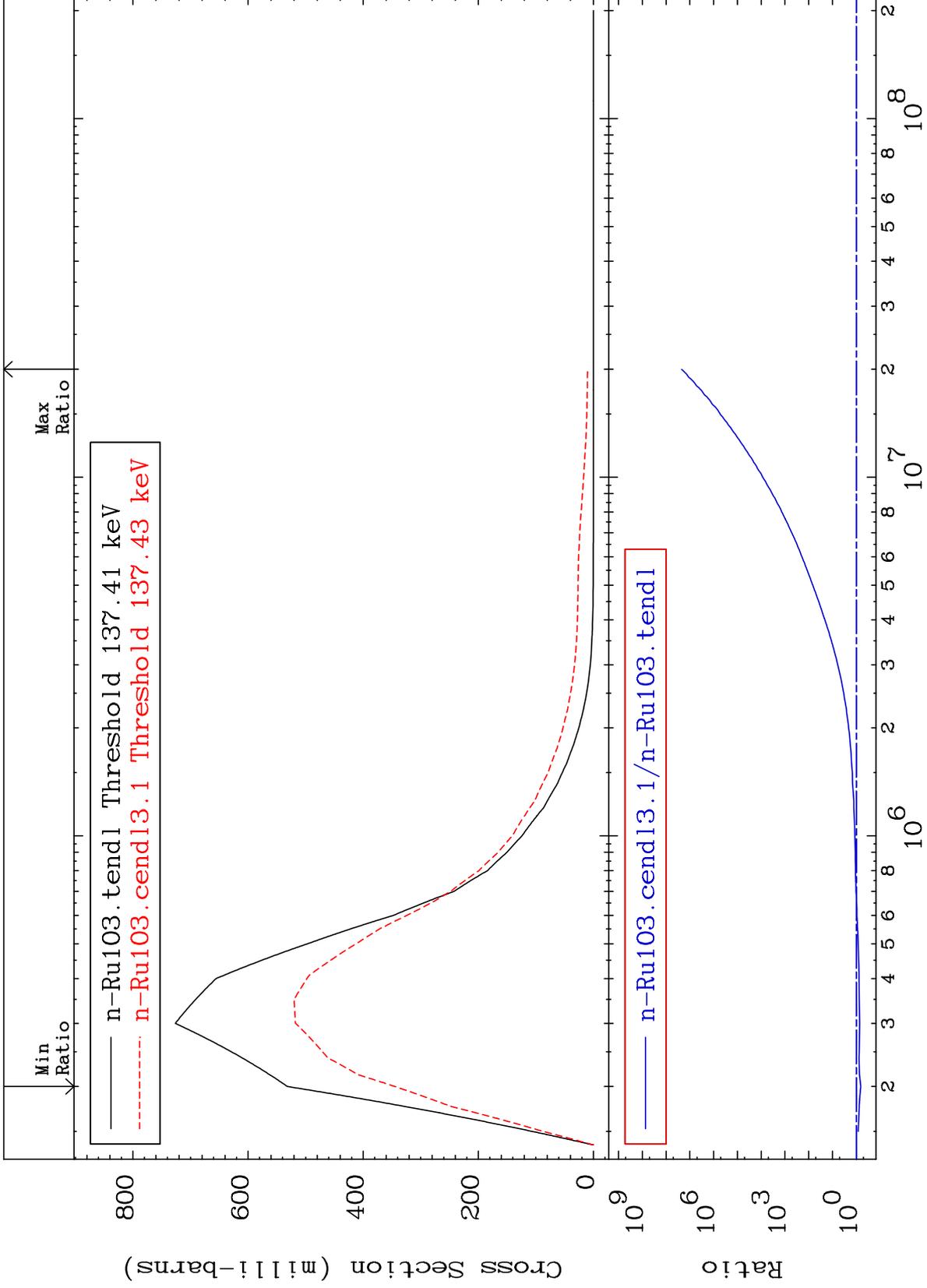
44-Ru-103  
-56.50 To 9999. %



MAT 4446

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

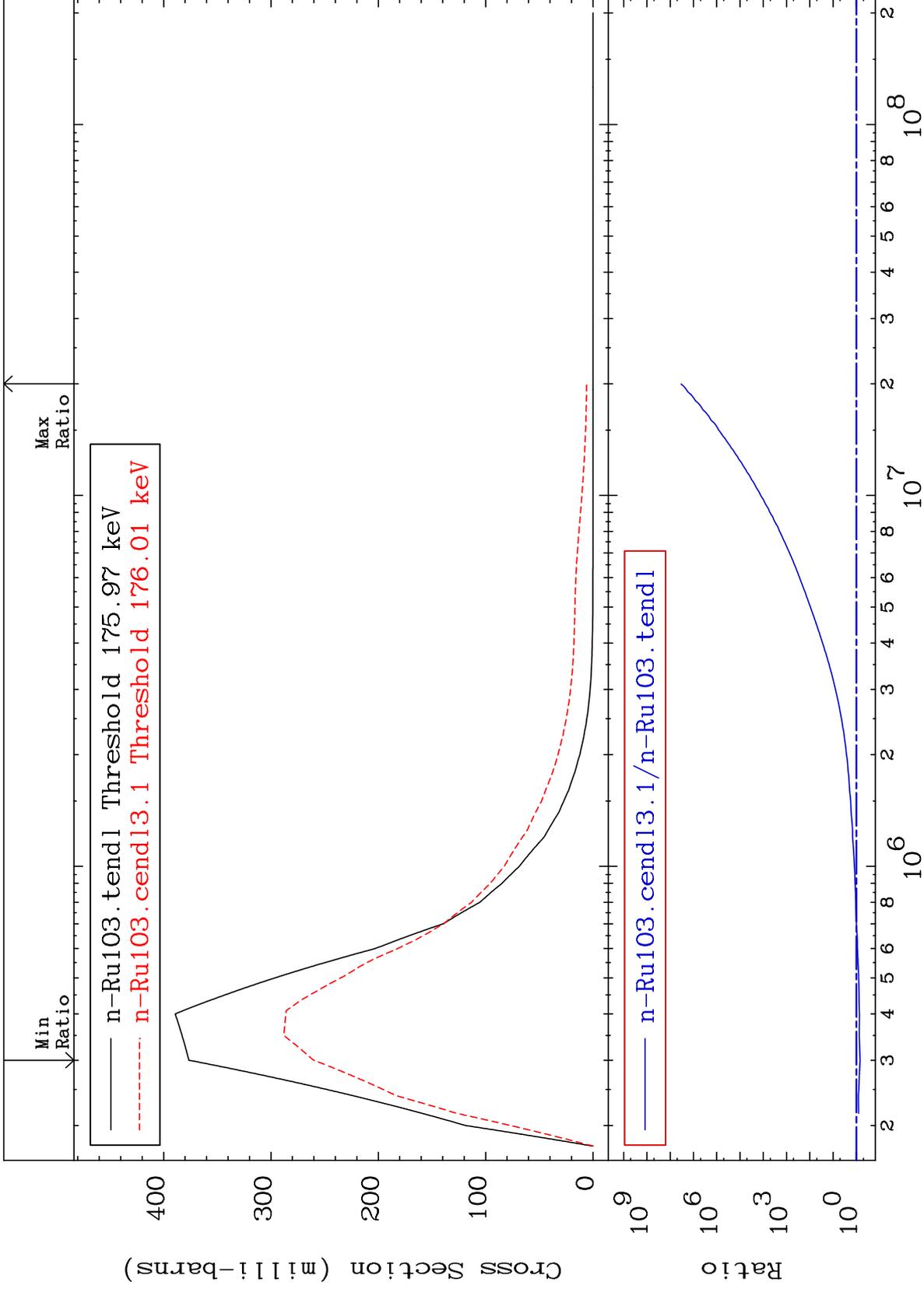
44-Ru-103  
-35.11 To 9999. %



MAT 4446

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

44-Ru-103  
-30.92 To 9999. %



10

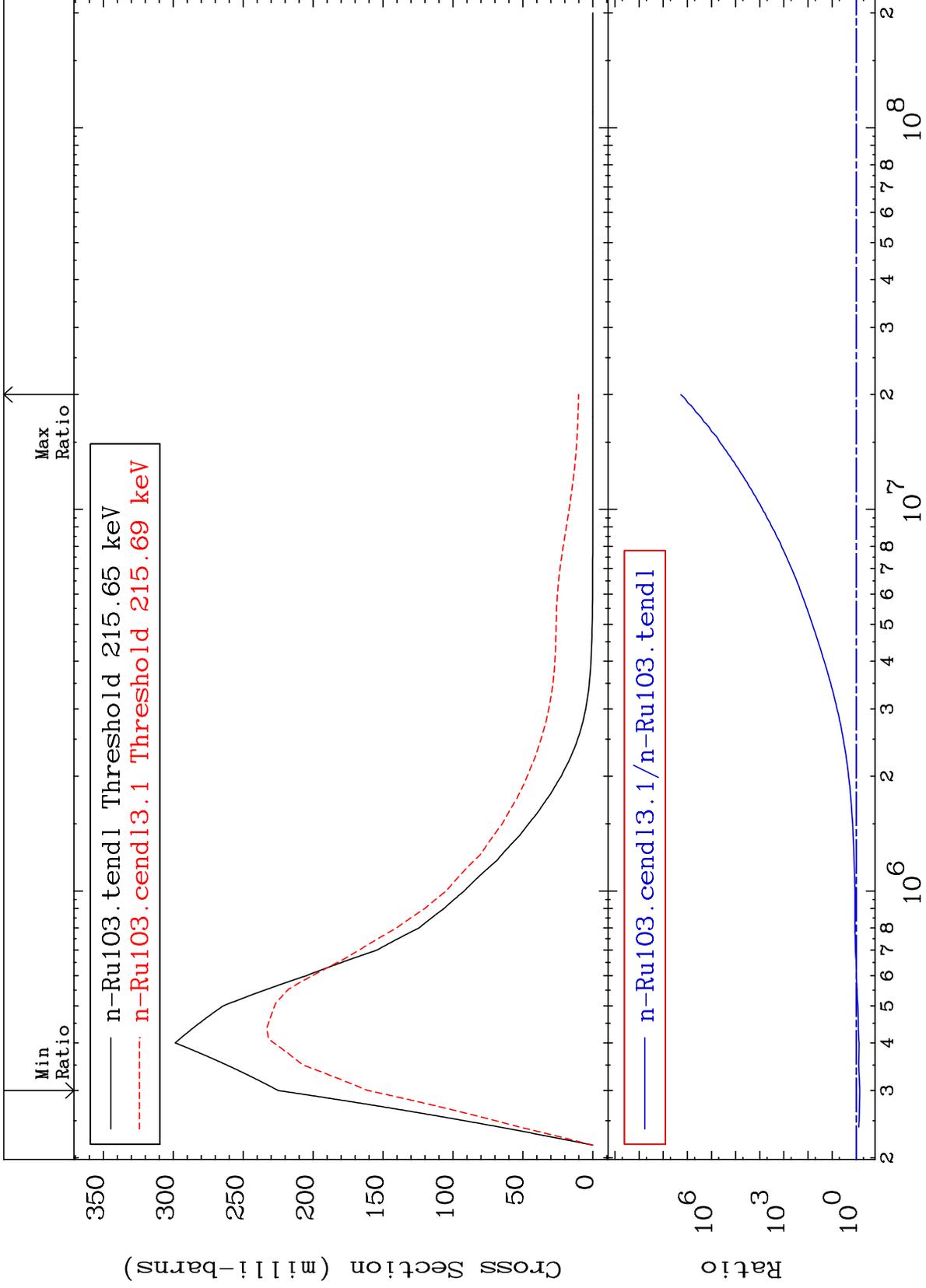
Incident Energy (eV)

44-Ru-103

MAT 4446

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

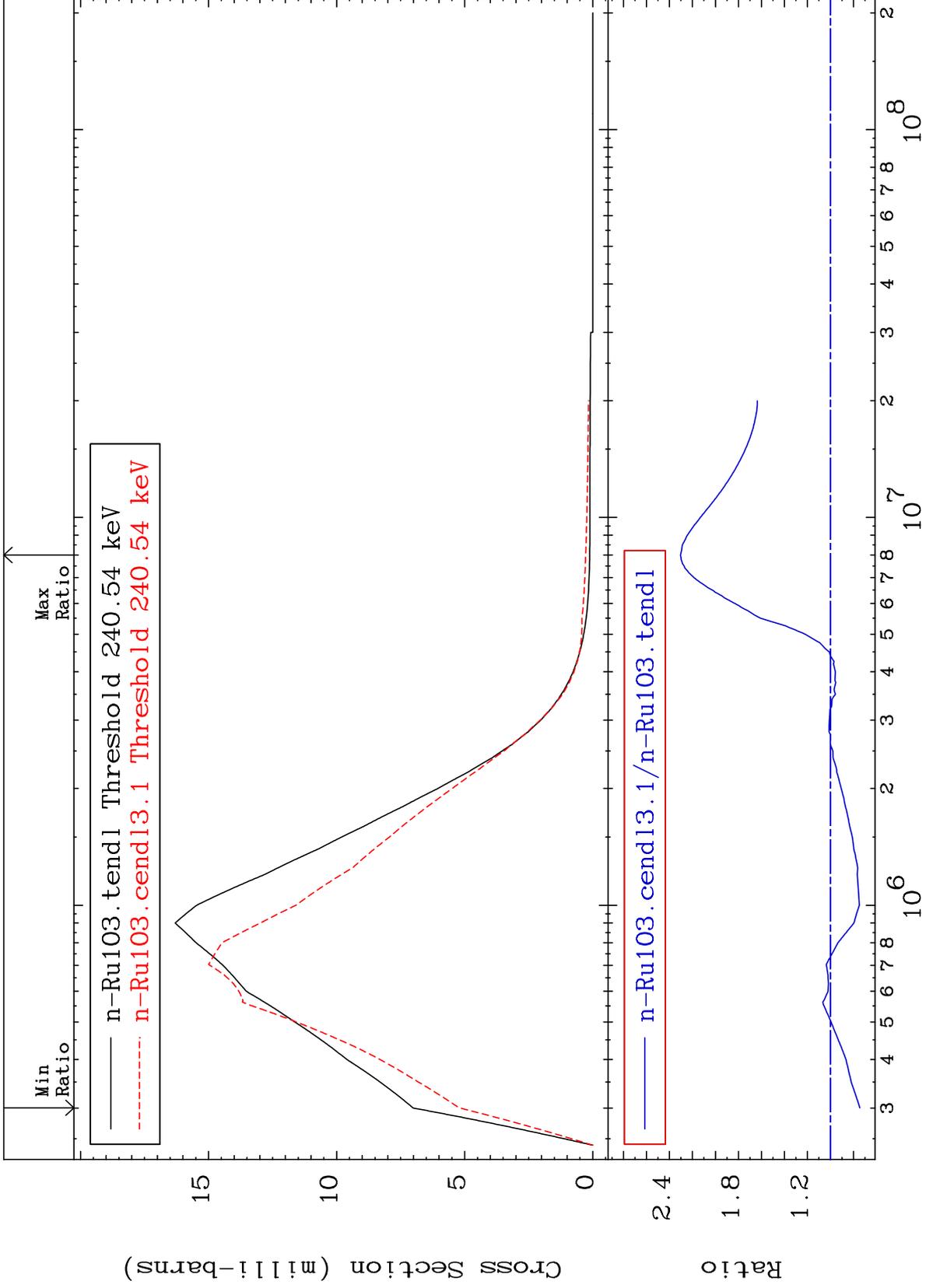
44-Ru-103  
-28.59 To 9999. %



MAT 4446

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

44-Ru-103  
-25.51 To 130.4 %



12

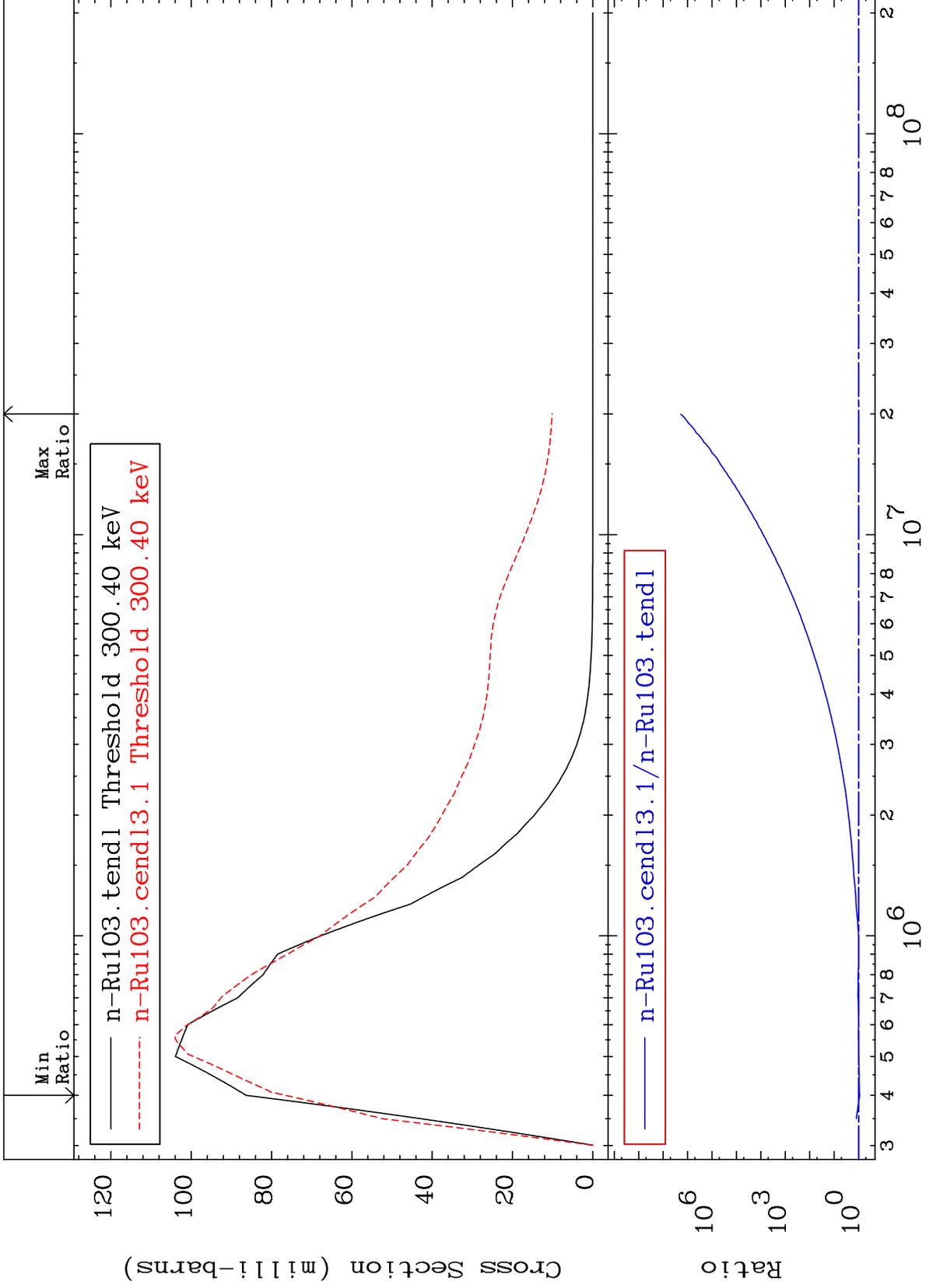
Incident Energy (eV)

44-Ru-103

MAT 4446

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

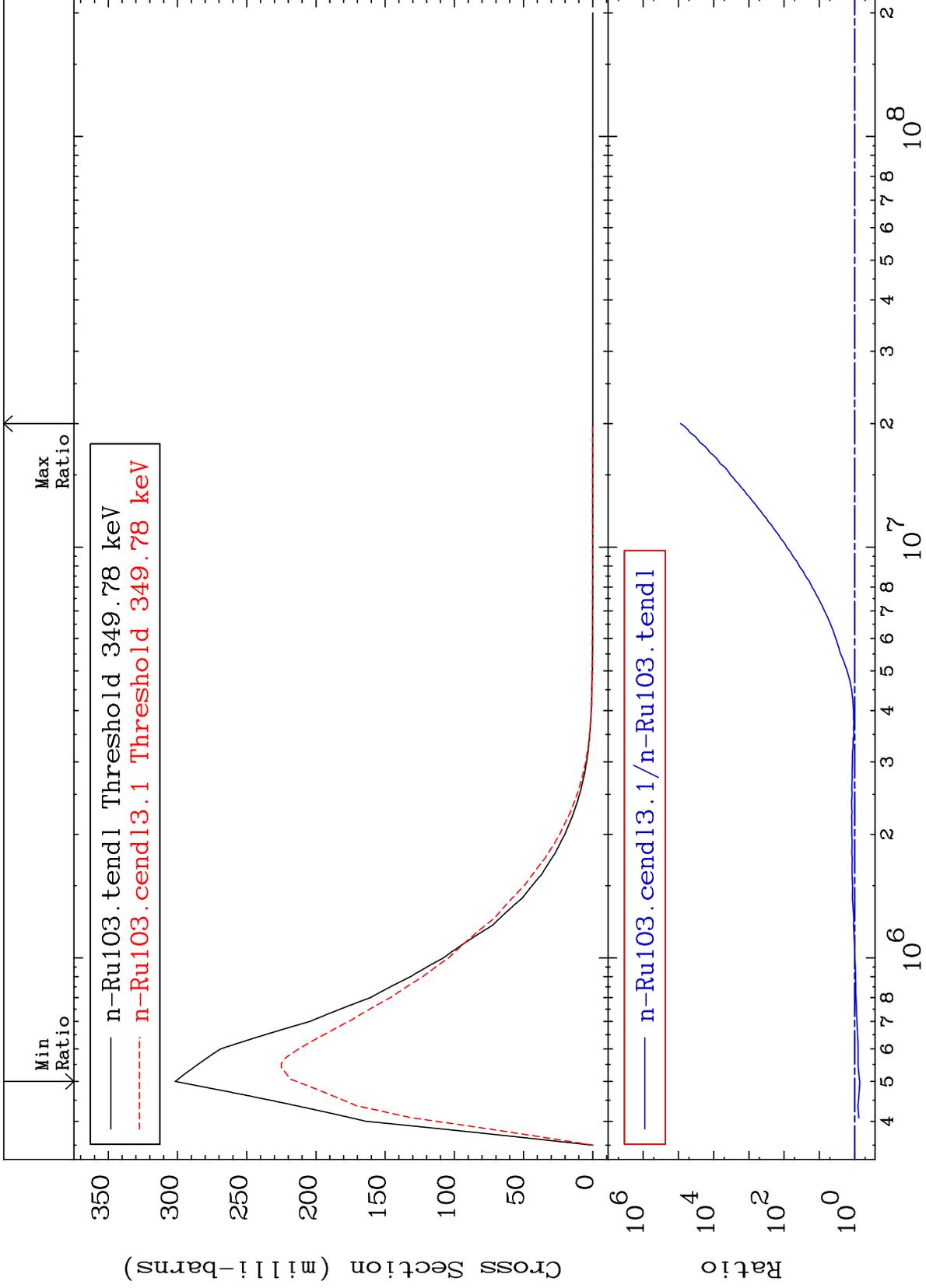
44-Ru-103  
-11.42 To 9999. %



MAT 4446

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

44-Ru-103  
-29.08 To 9999. %



14

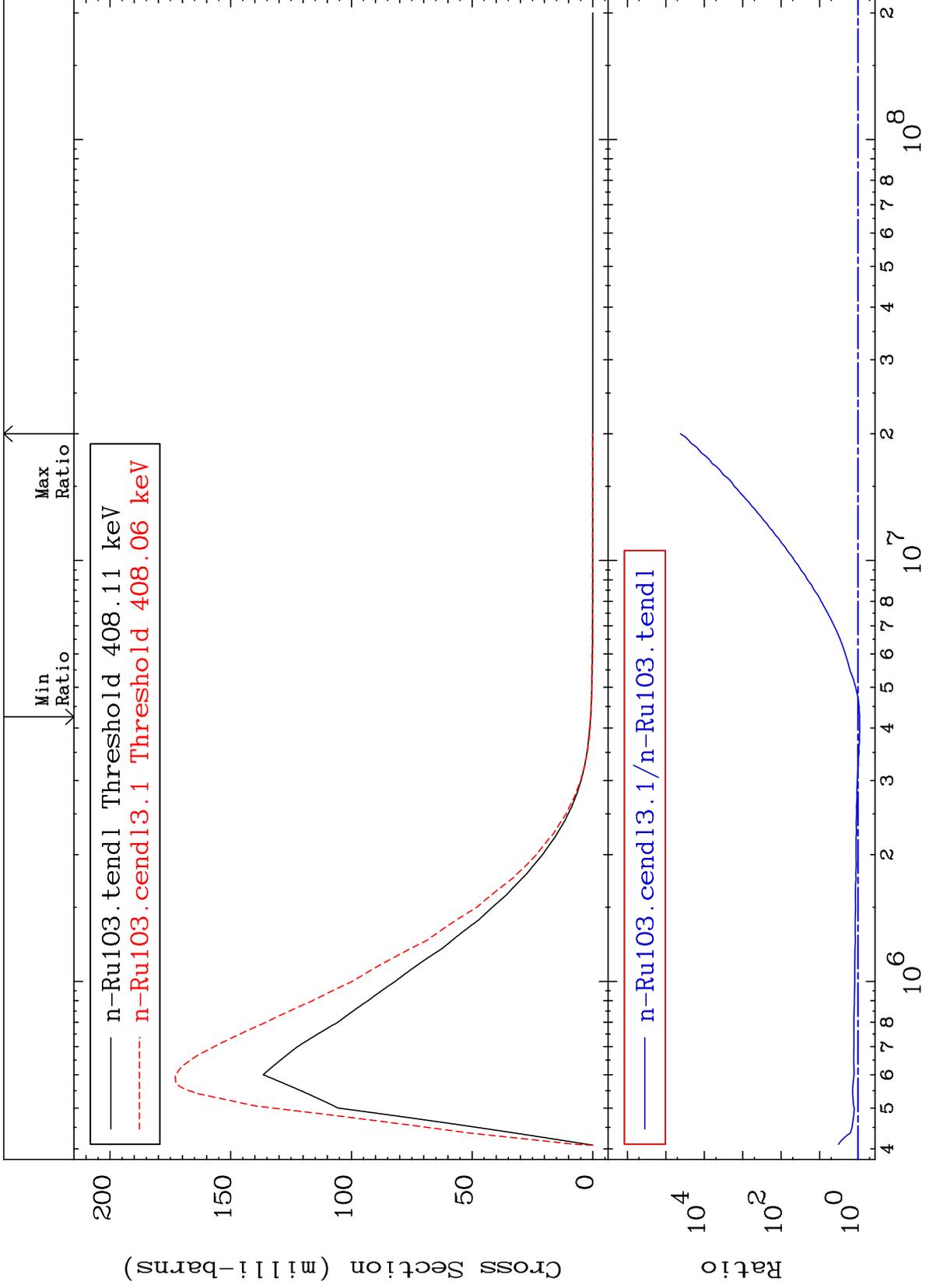
Incident Energy (eV)

44-Ru-103

MAT 4446

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

44-Ru-103  
-9.870 To 9999. %



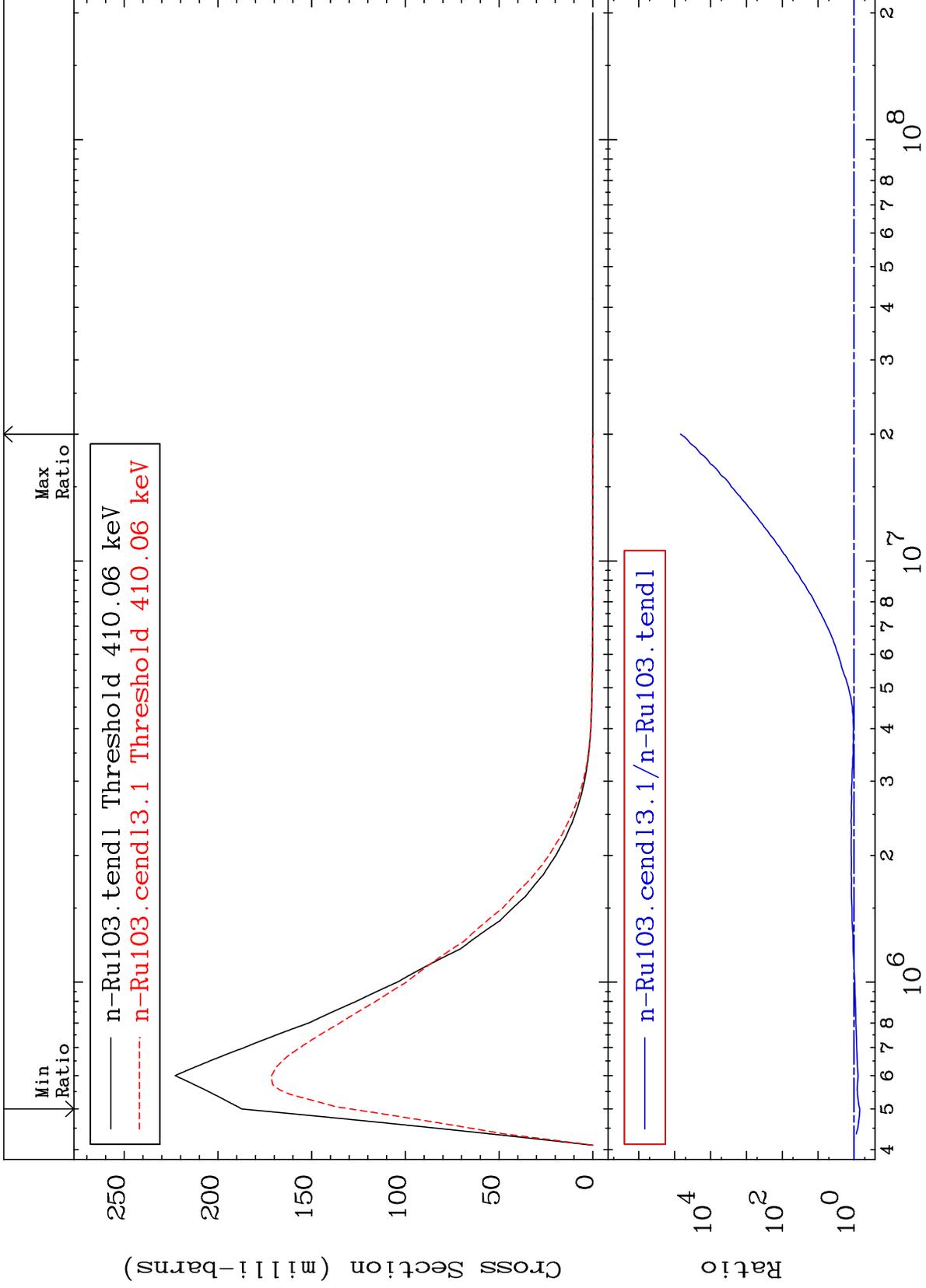
15

44-Ru-103

MAT 4446

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

44-Ru-103  
-31.01 To 9999. %



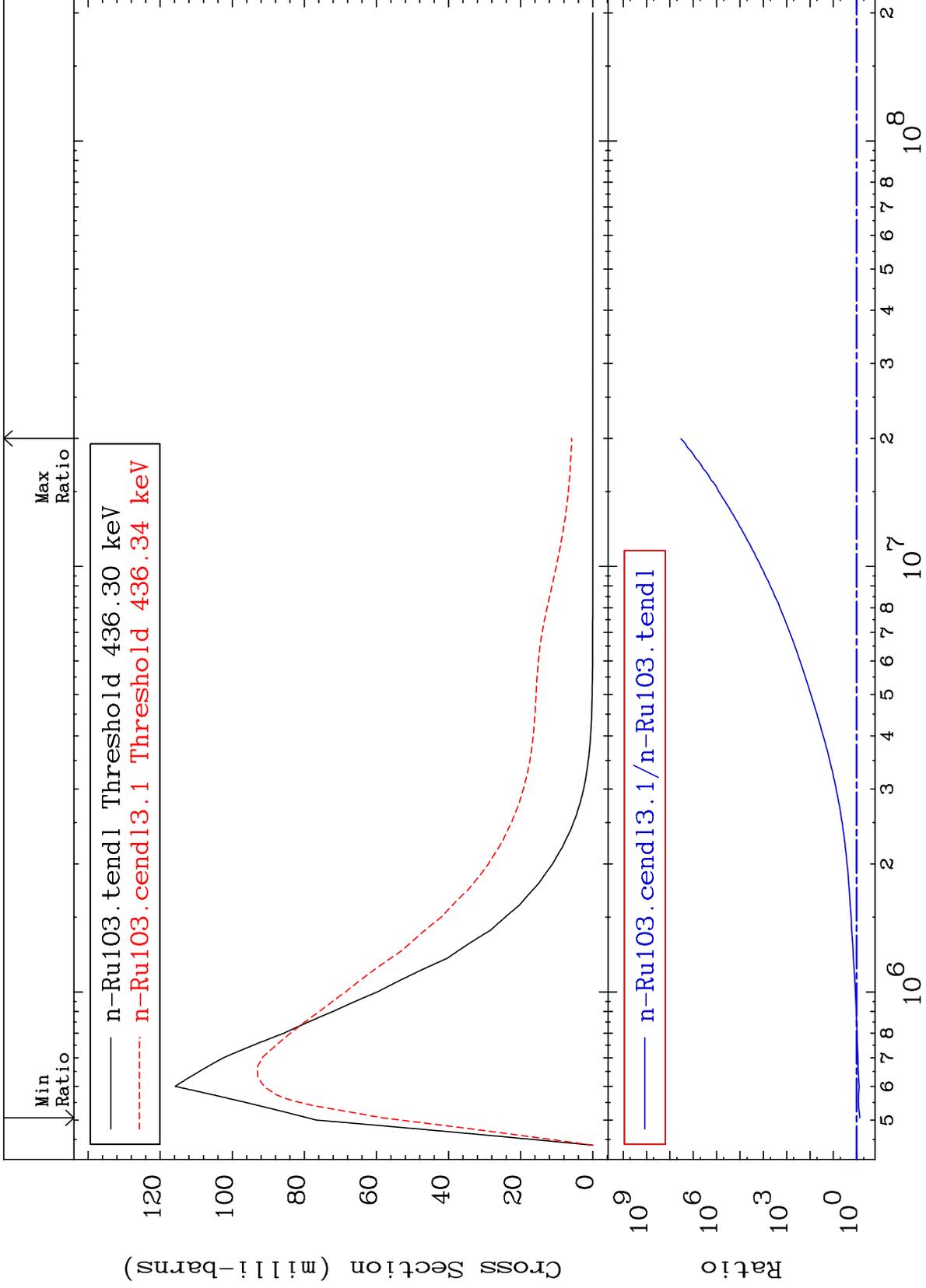
16

44-Ru-103

MAT 4446

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

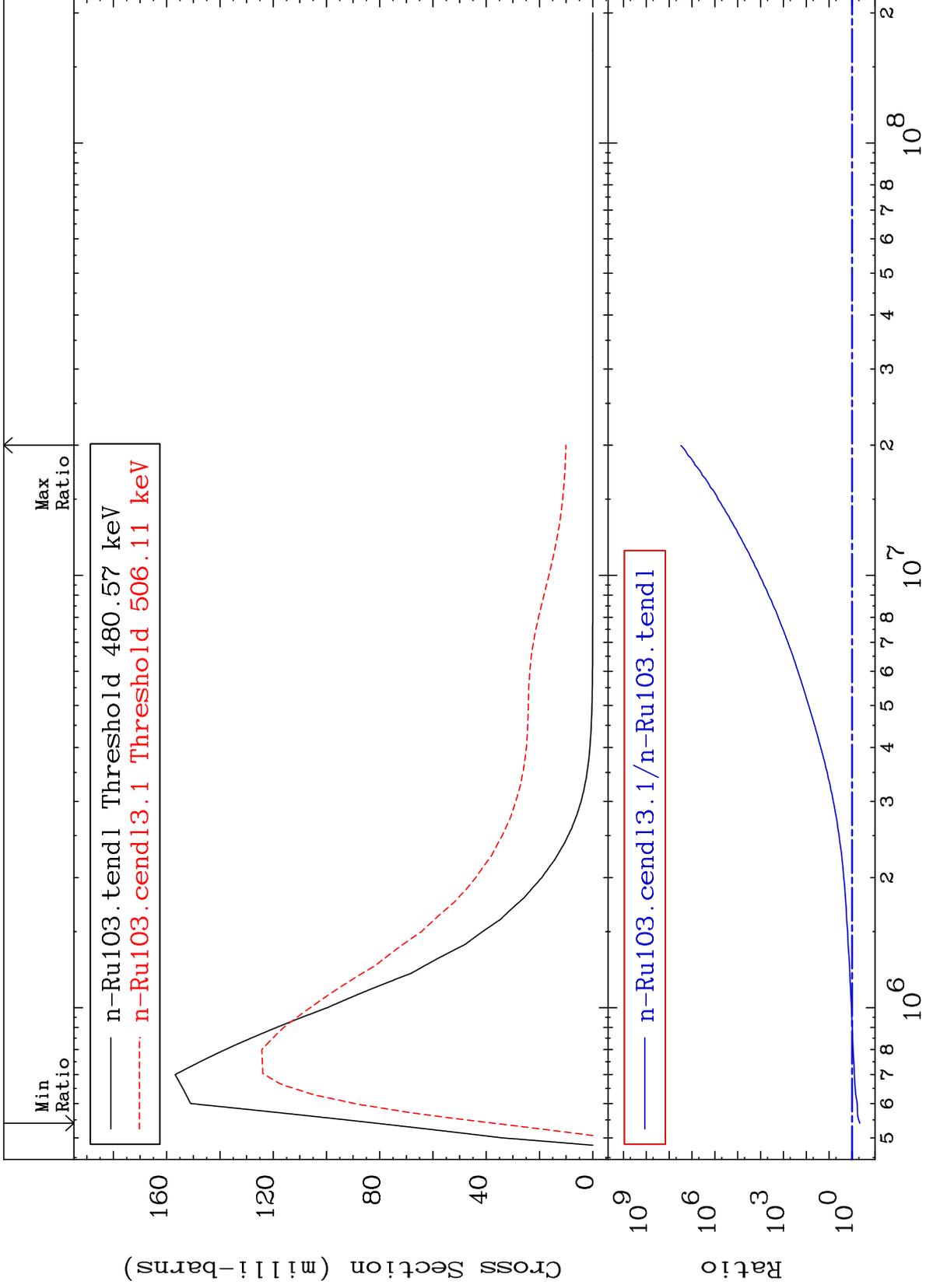
44-Ru-103  
-26.13 To 9999. %



MAT 4446

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

44-Ru-103  
-54.12 To 9999. %



18

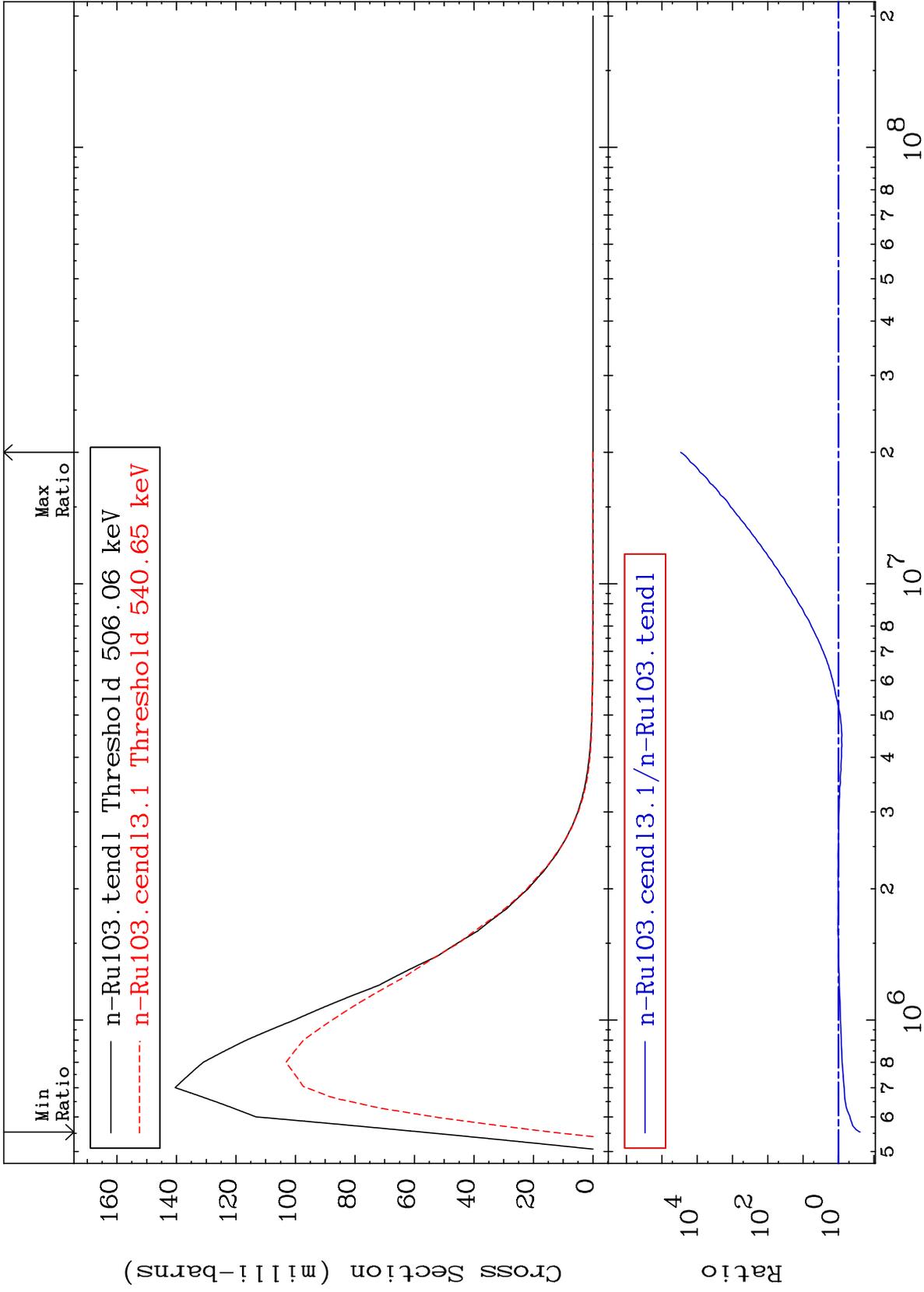
Incident Energy (eV)

44-Ru-103

MAT 4446

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

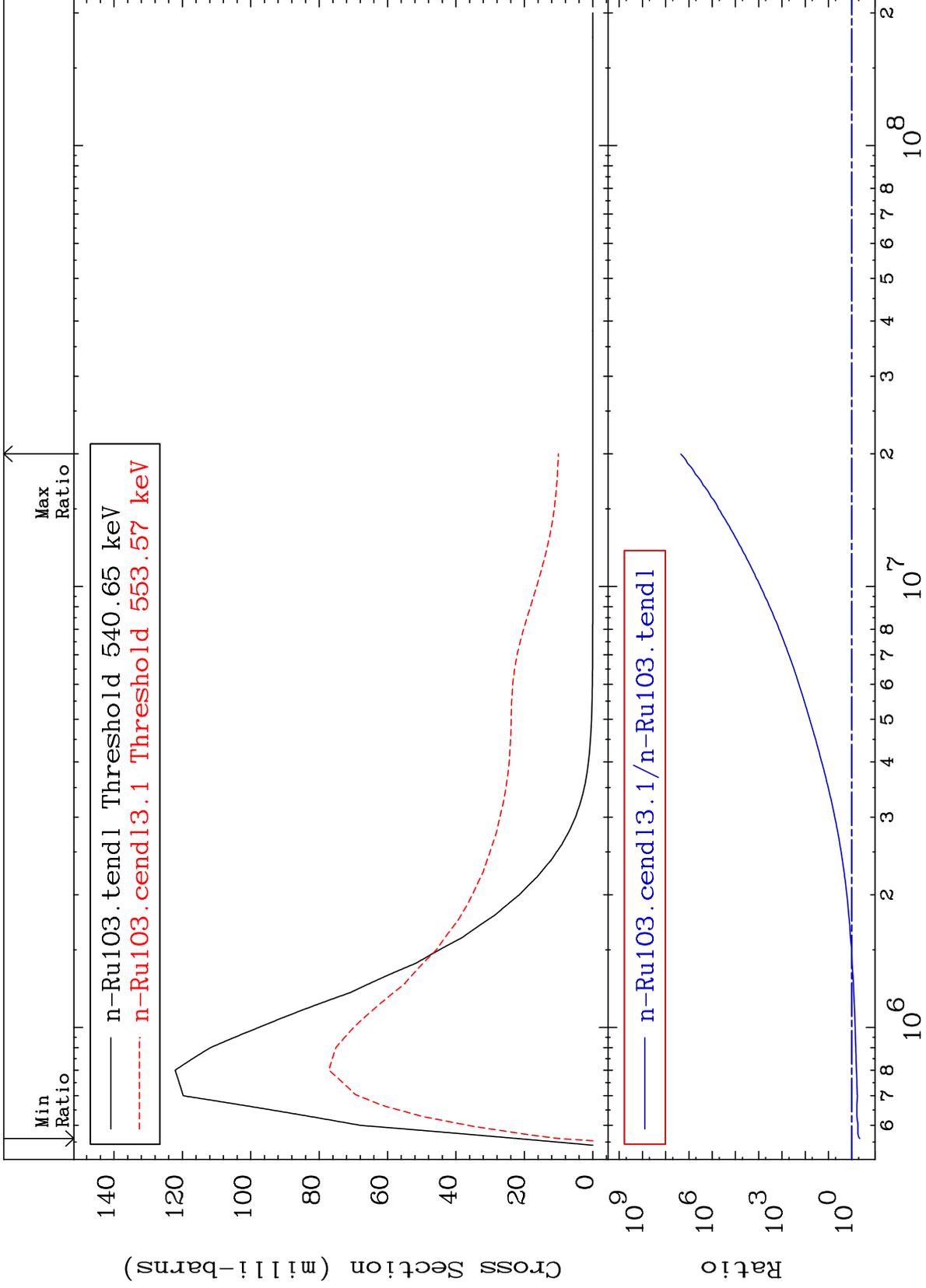
44-Ru-103  
-75.58 To 9999. %



MAT 4446

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

44-Ru-103  
-54.86 To 9999. %



20

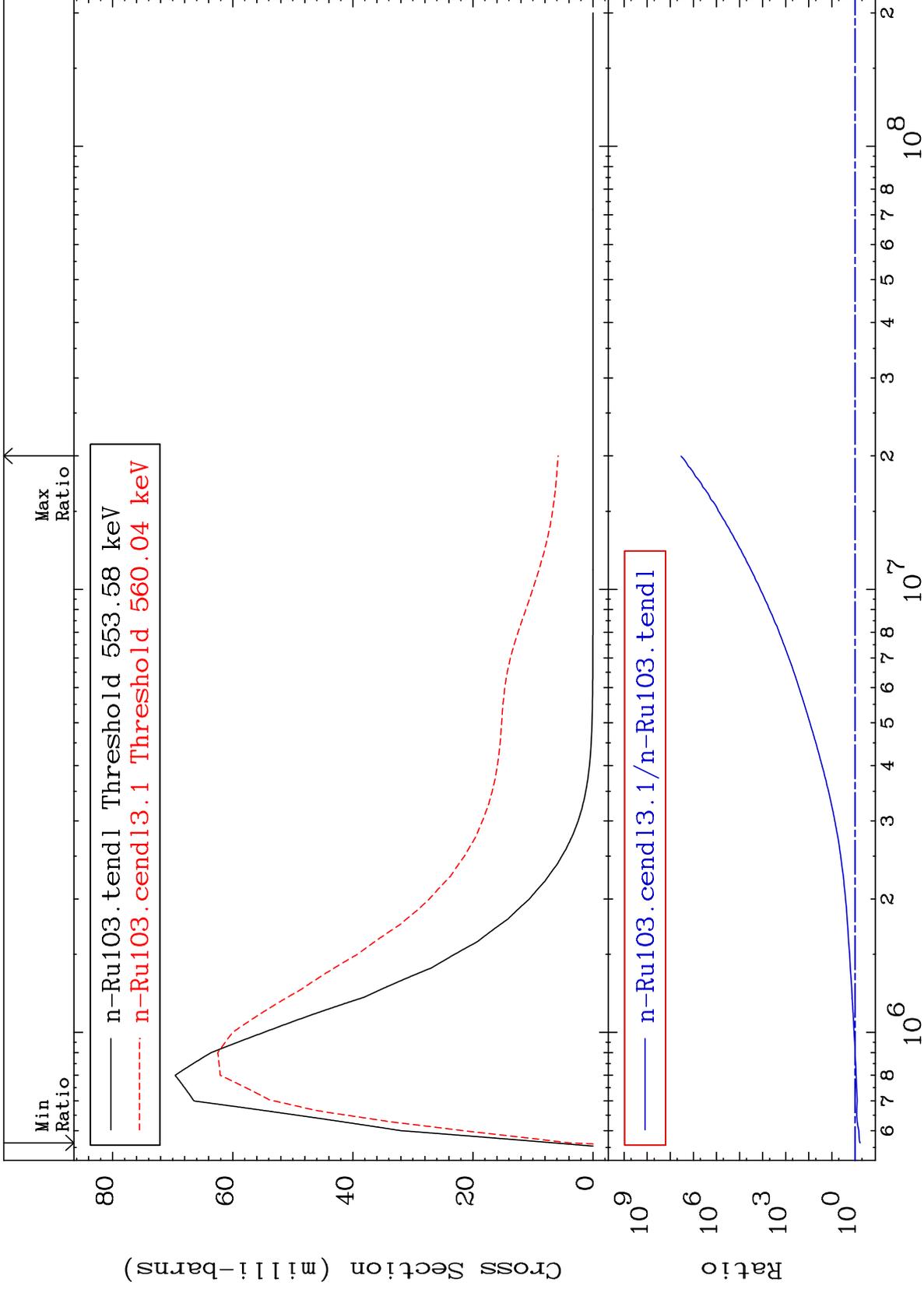
Incident Energy (eV)

44-Ru-103

MAT 4446

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

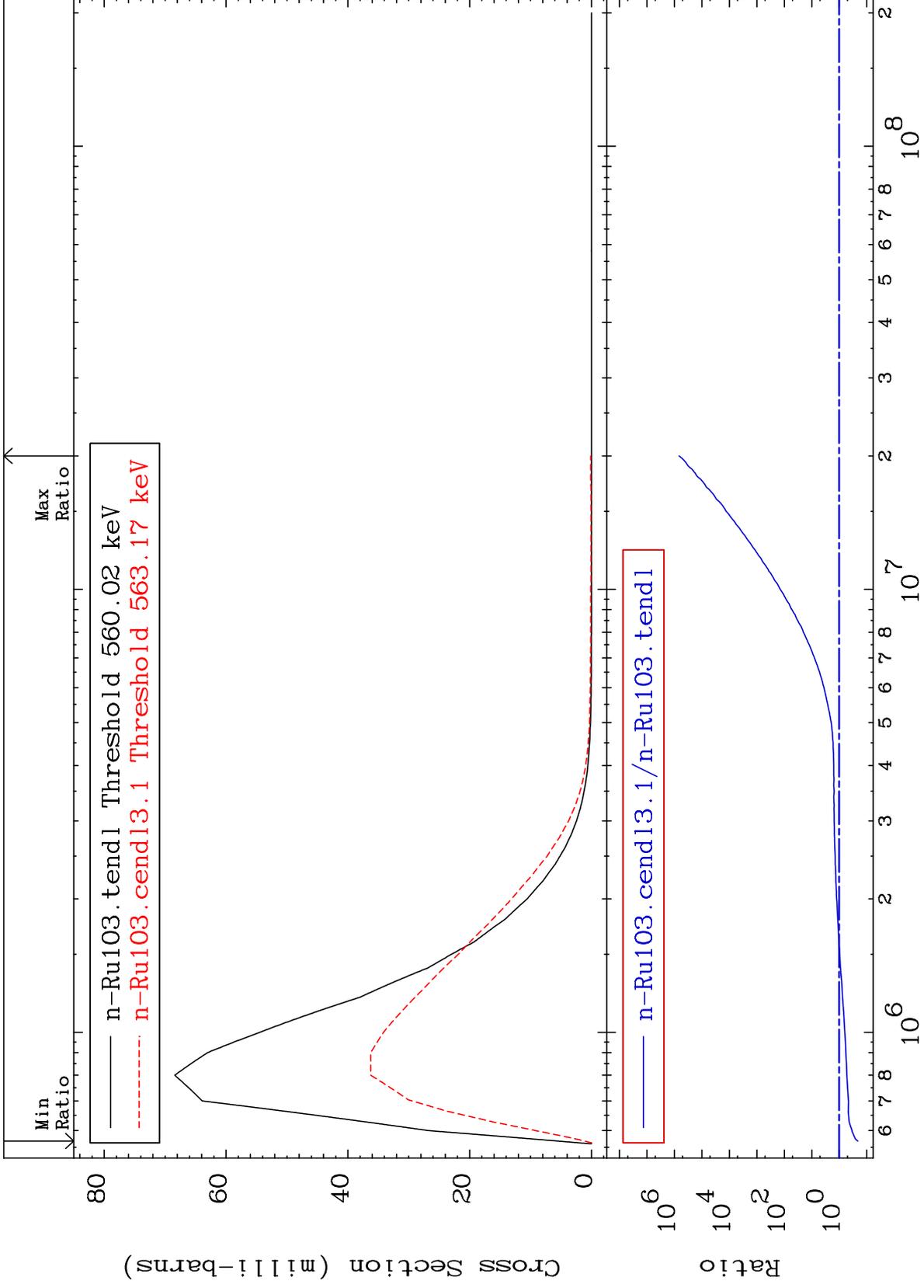
44-Ru-103  
-39.94 To 9999. %



MAT 4446

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

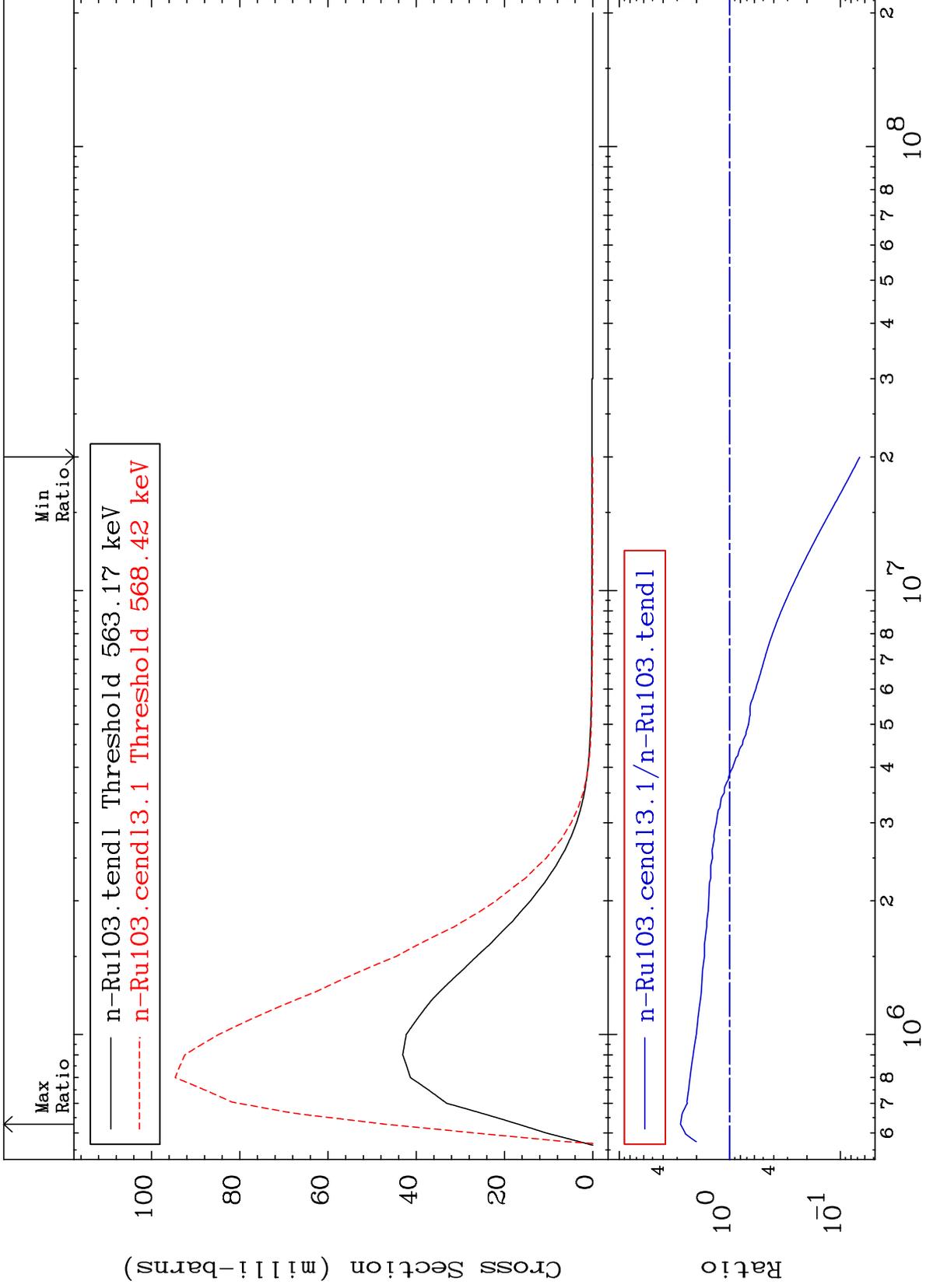
44-Ru-103  
-79.04 To 9999. %



MAT 4446

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

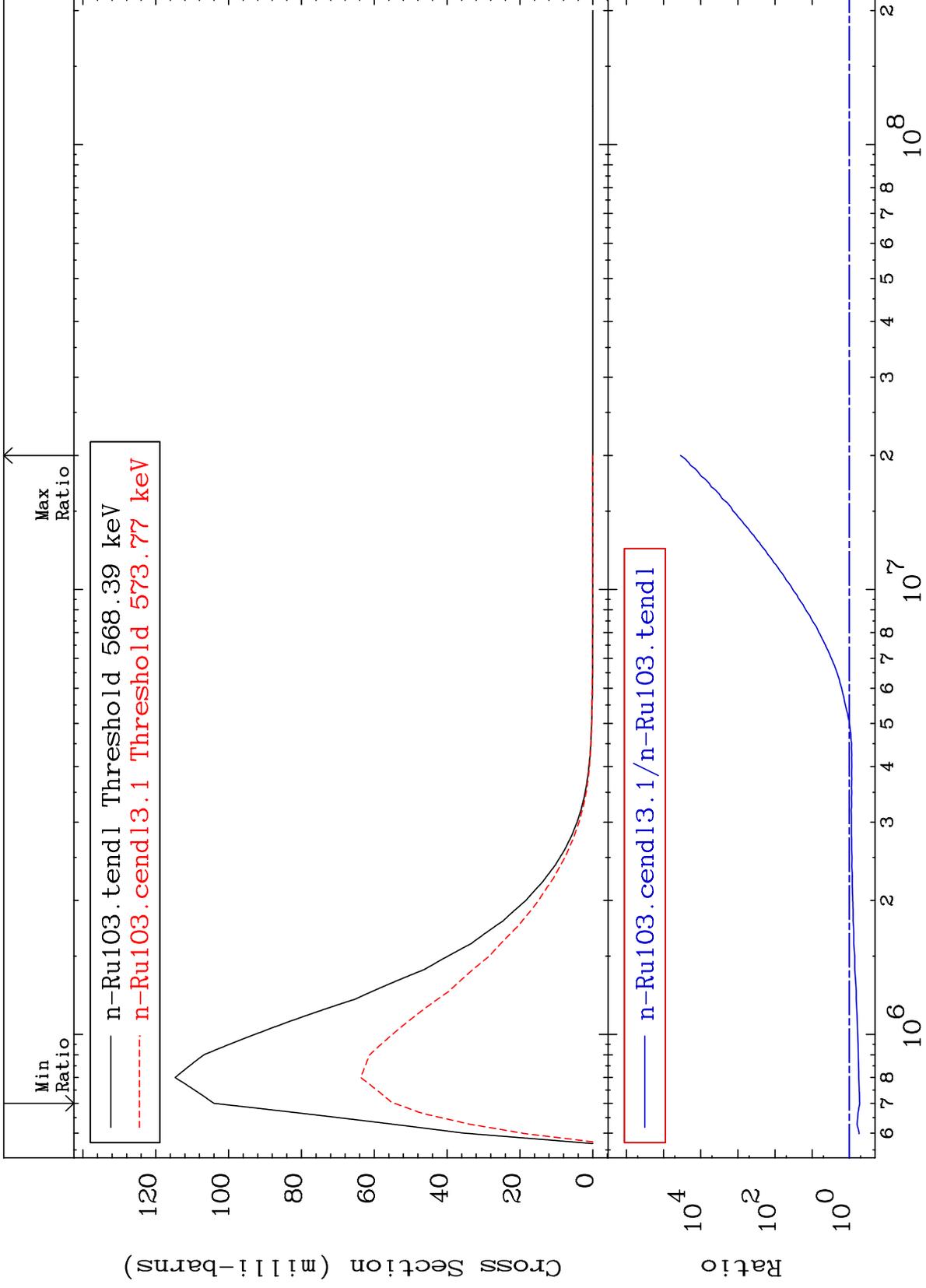
44-Ru-103  
-93.34 To 179.1 %



MAT 4446

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

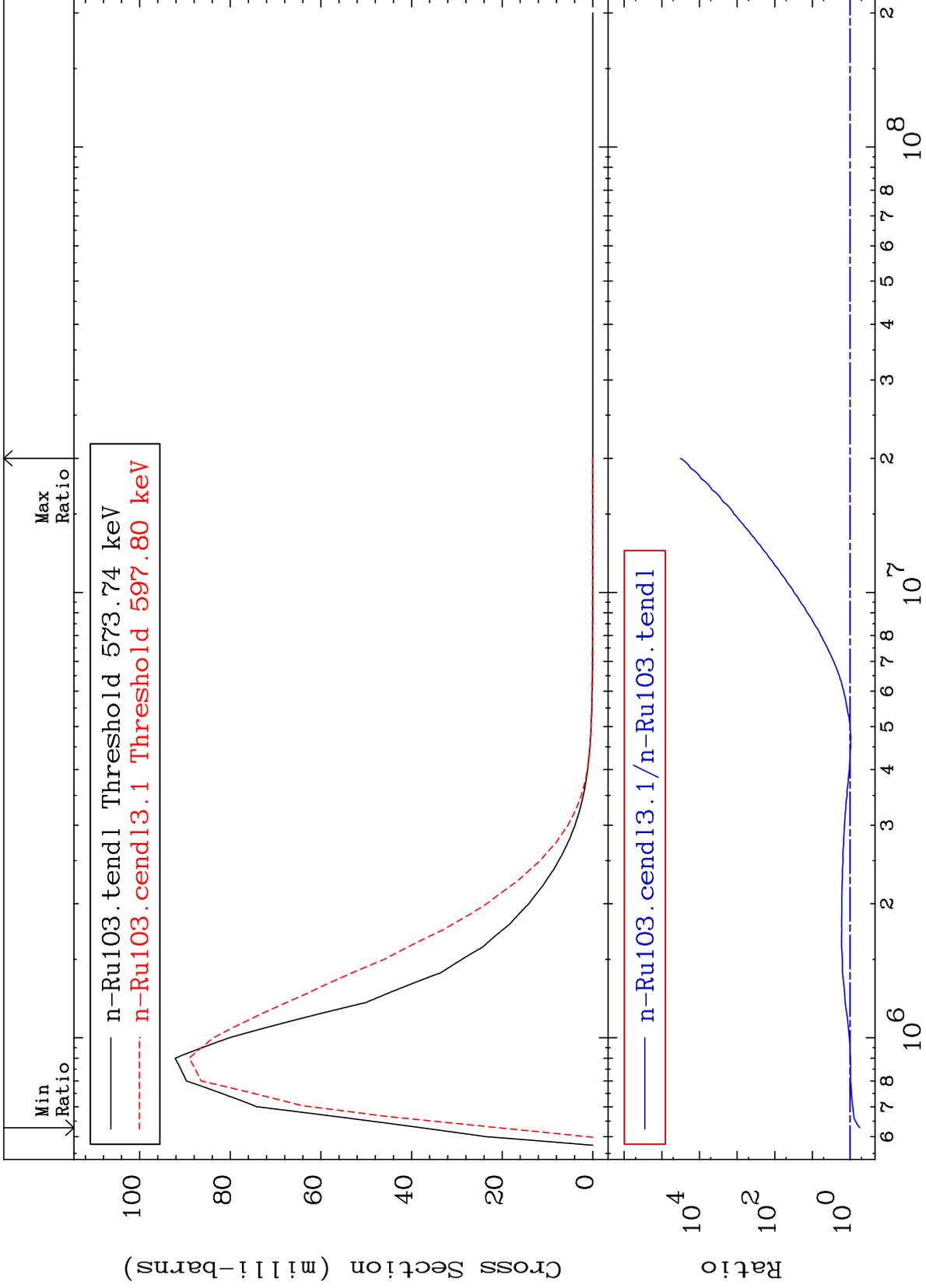
44-Ru-103  
-47.68 To 9999. %



MAT 4446

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

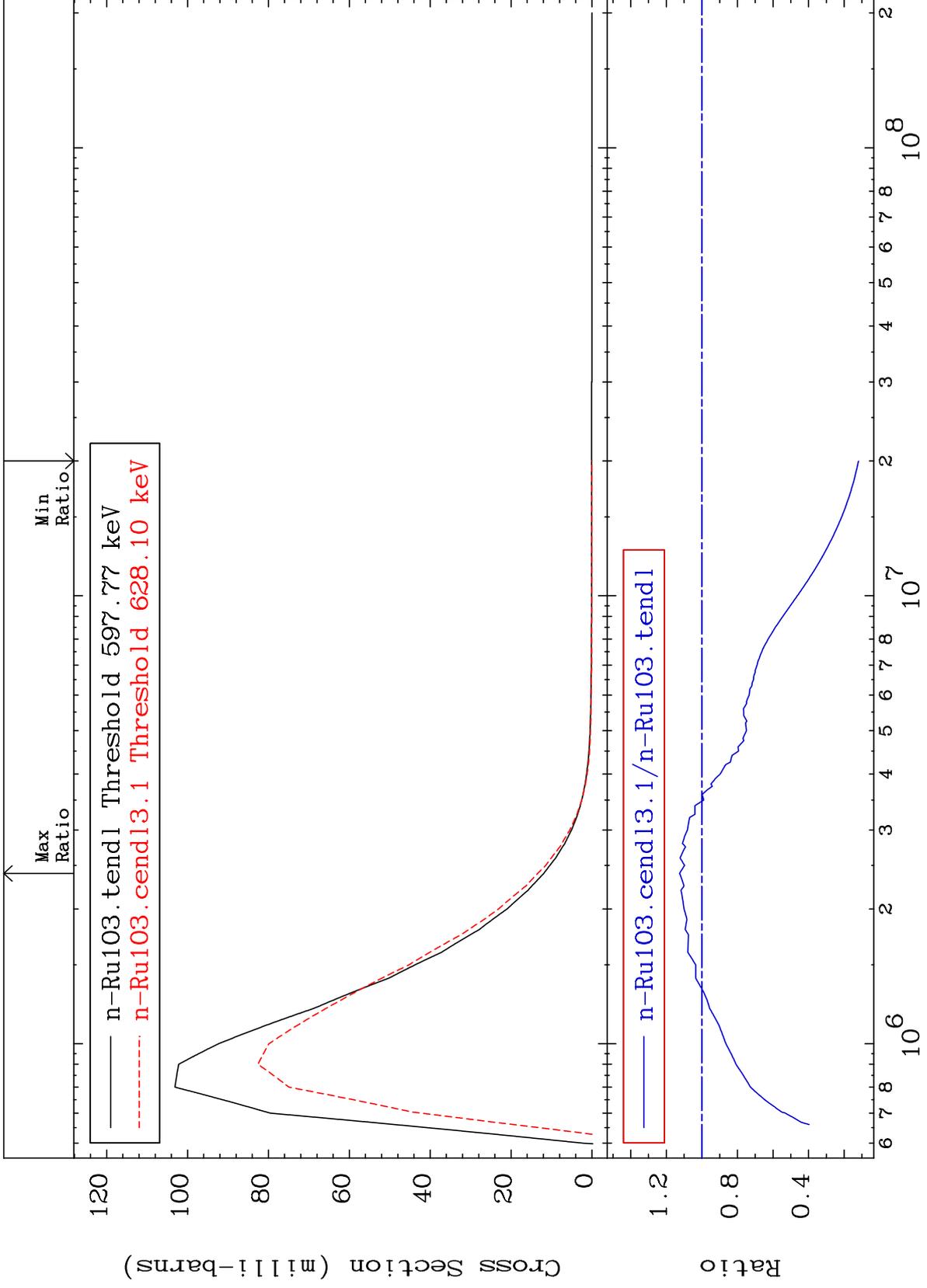
44-Ru-103  
-44.84 To 9999. %



MAT 4446

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

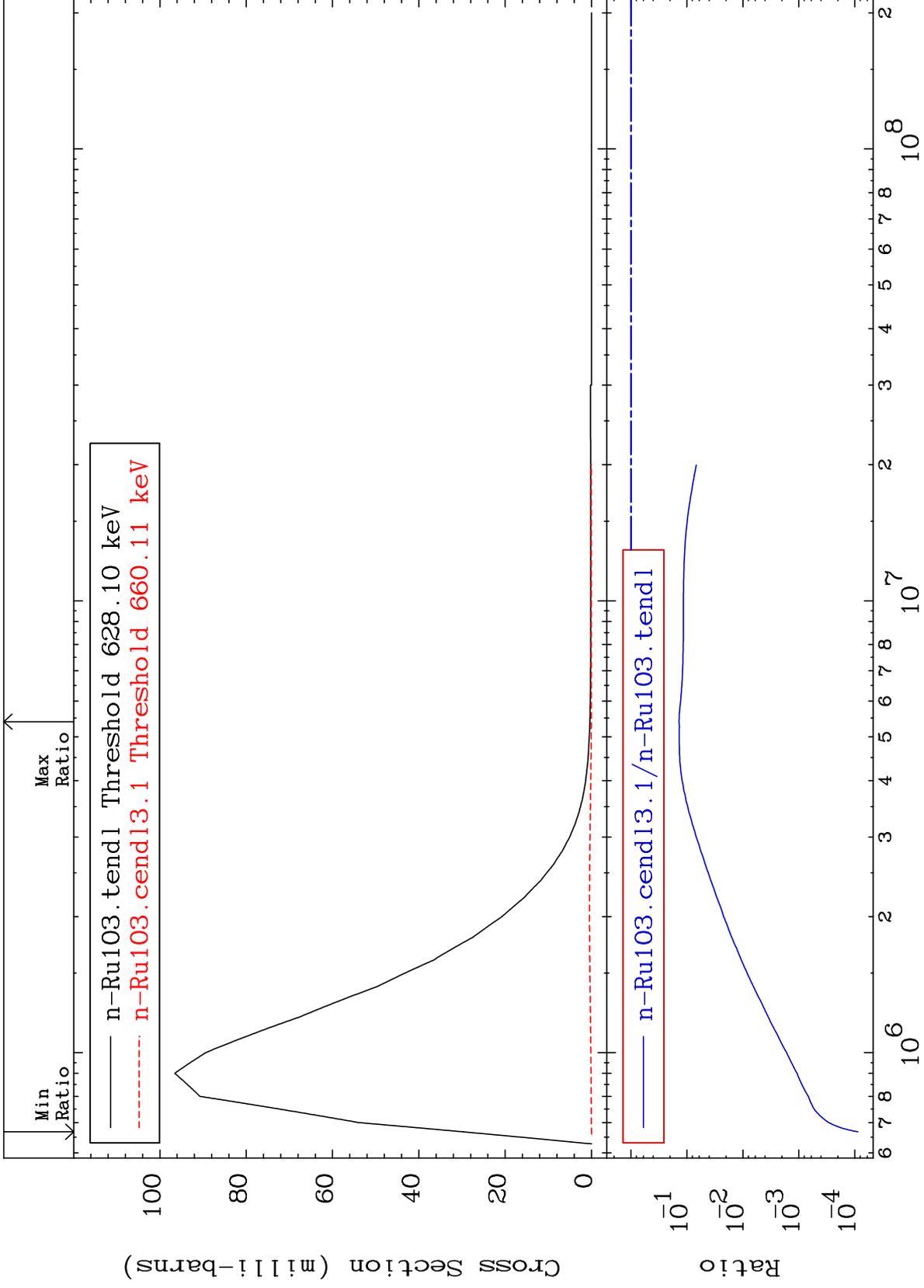
44-Ru-103  
-88.10 To 12.57 %



MAT 4446

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

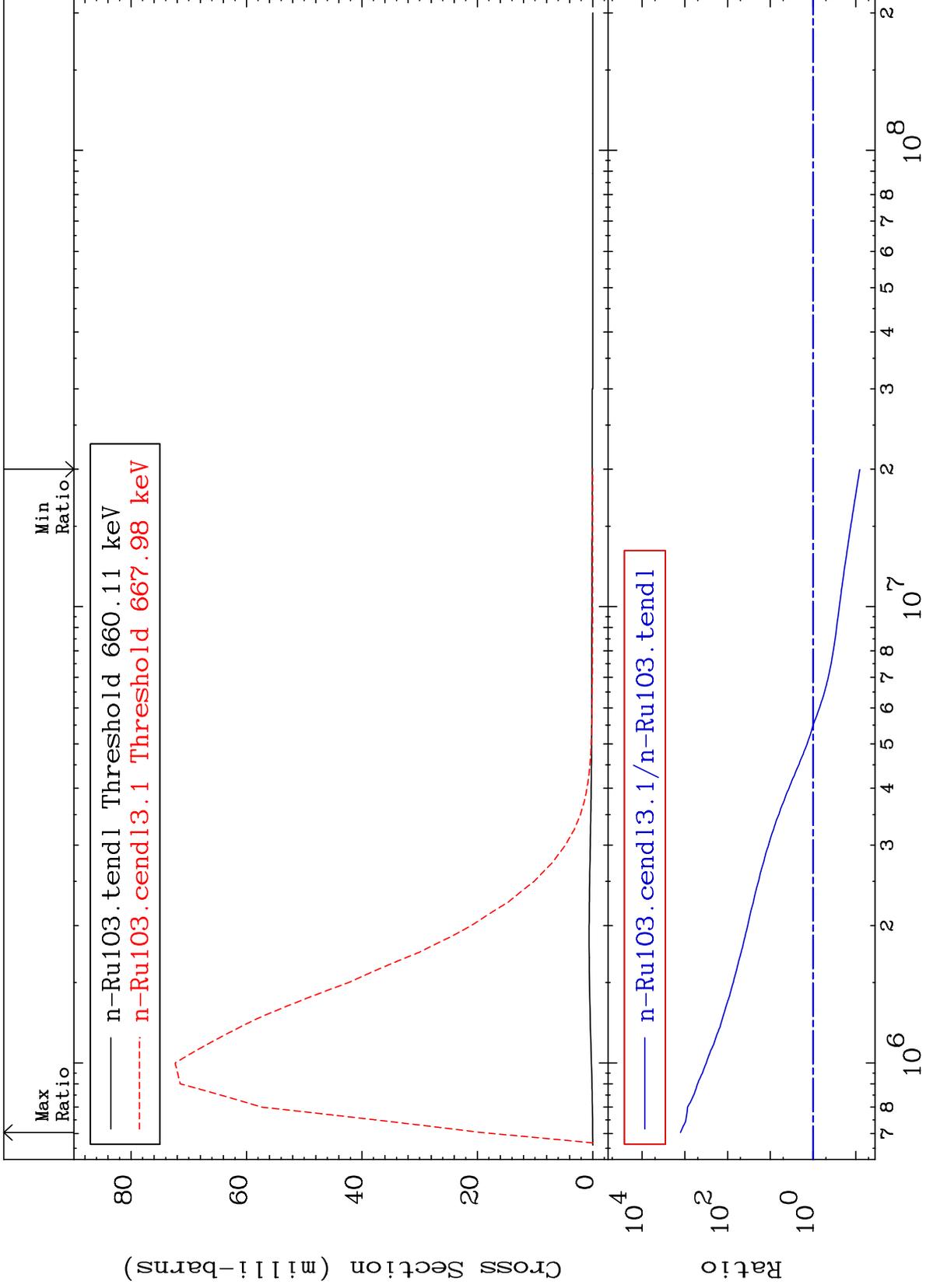
44-Ru-103  
-99.99 To -86.20%



MAT 4446

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

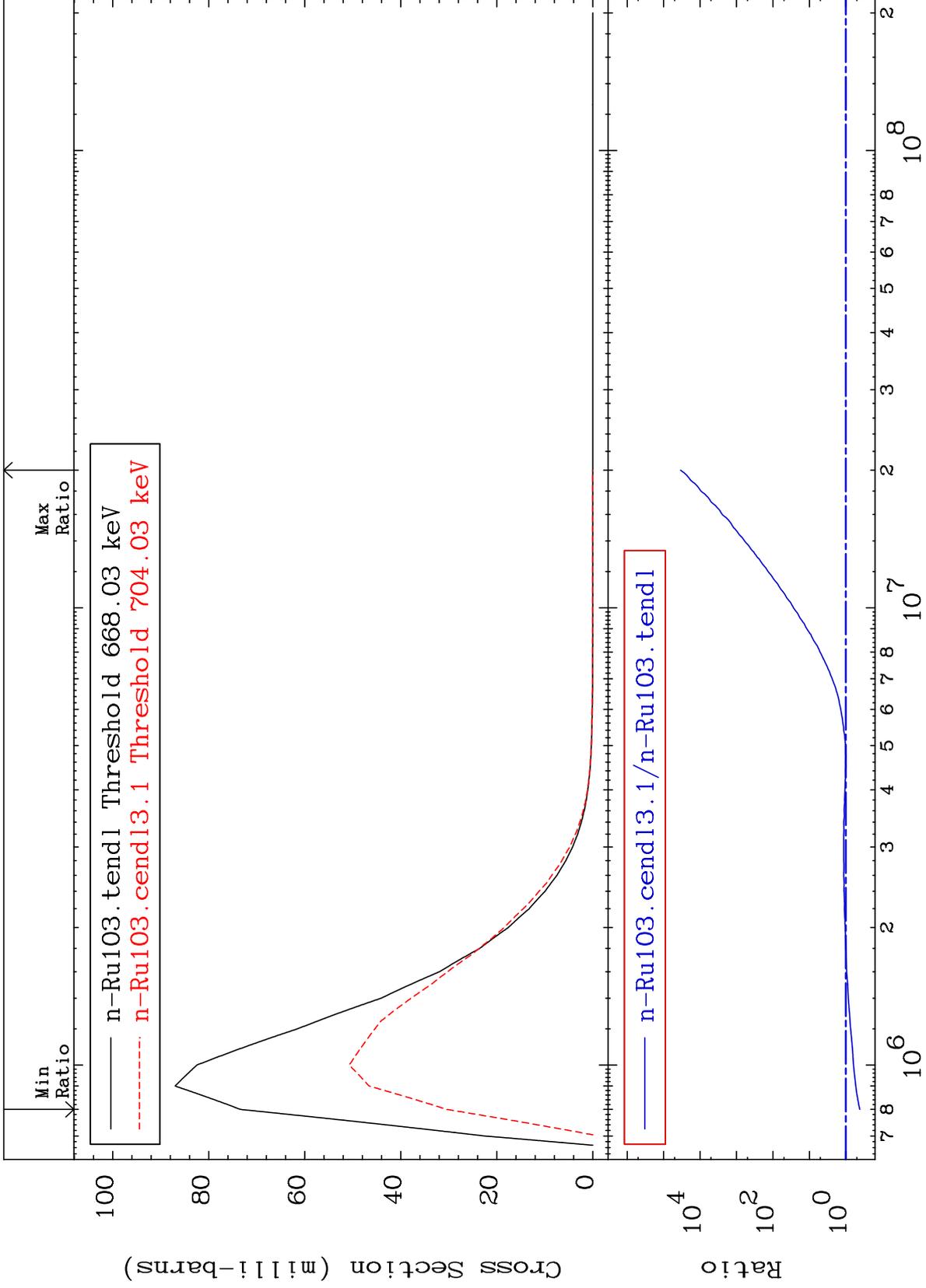
44-Ru-103  
-91.96 To 9999. %



MAT 4446

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

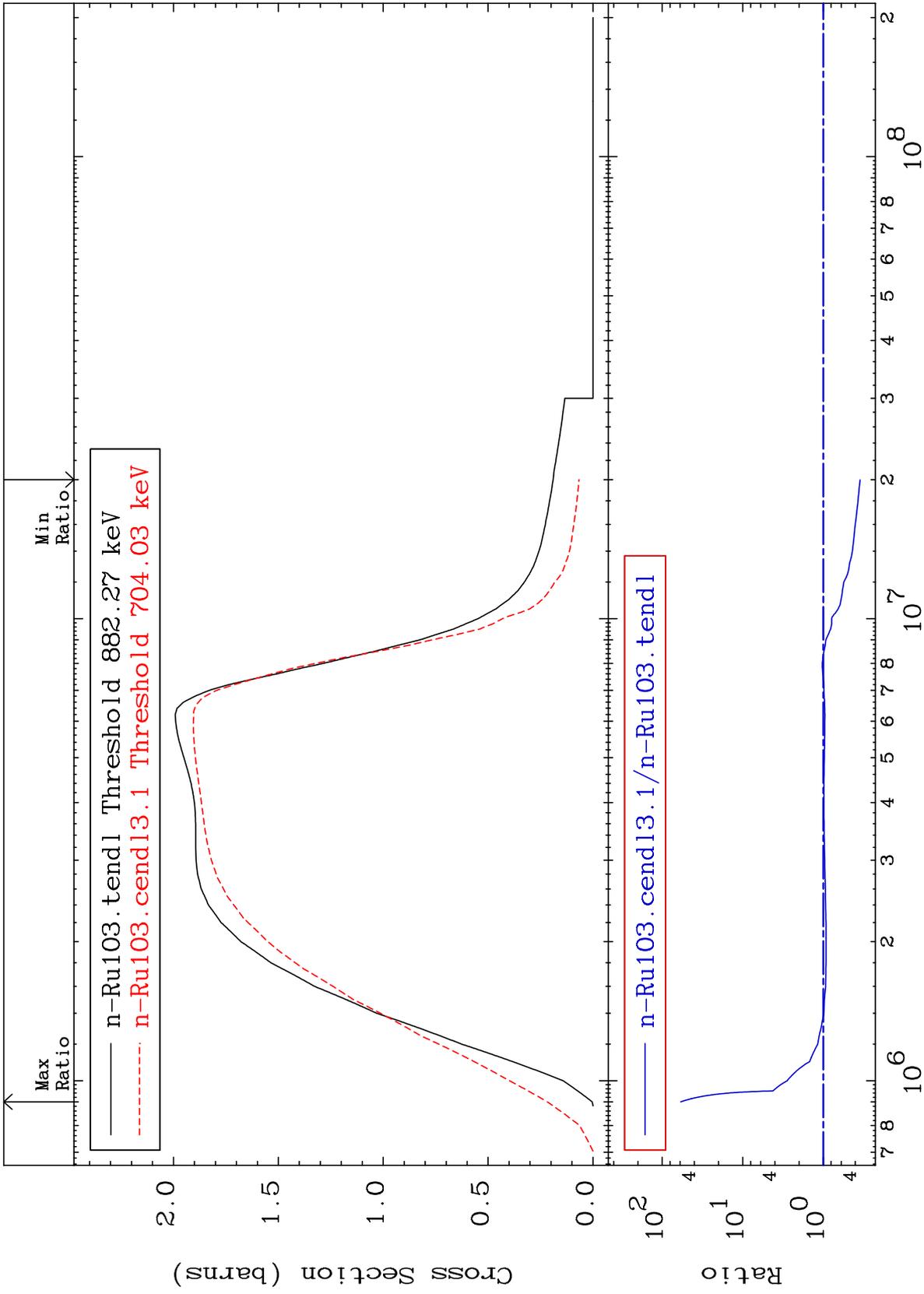
44-Ru-103  
-58.57 To 9999. %



MAT 4446

(n, n') Continuum  
Cross Section

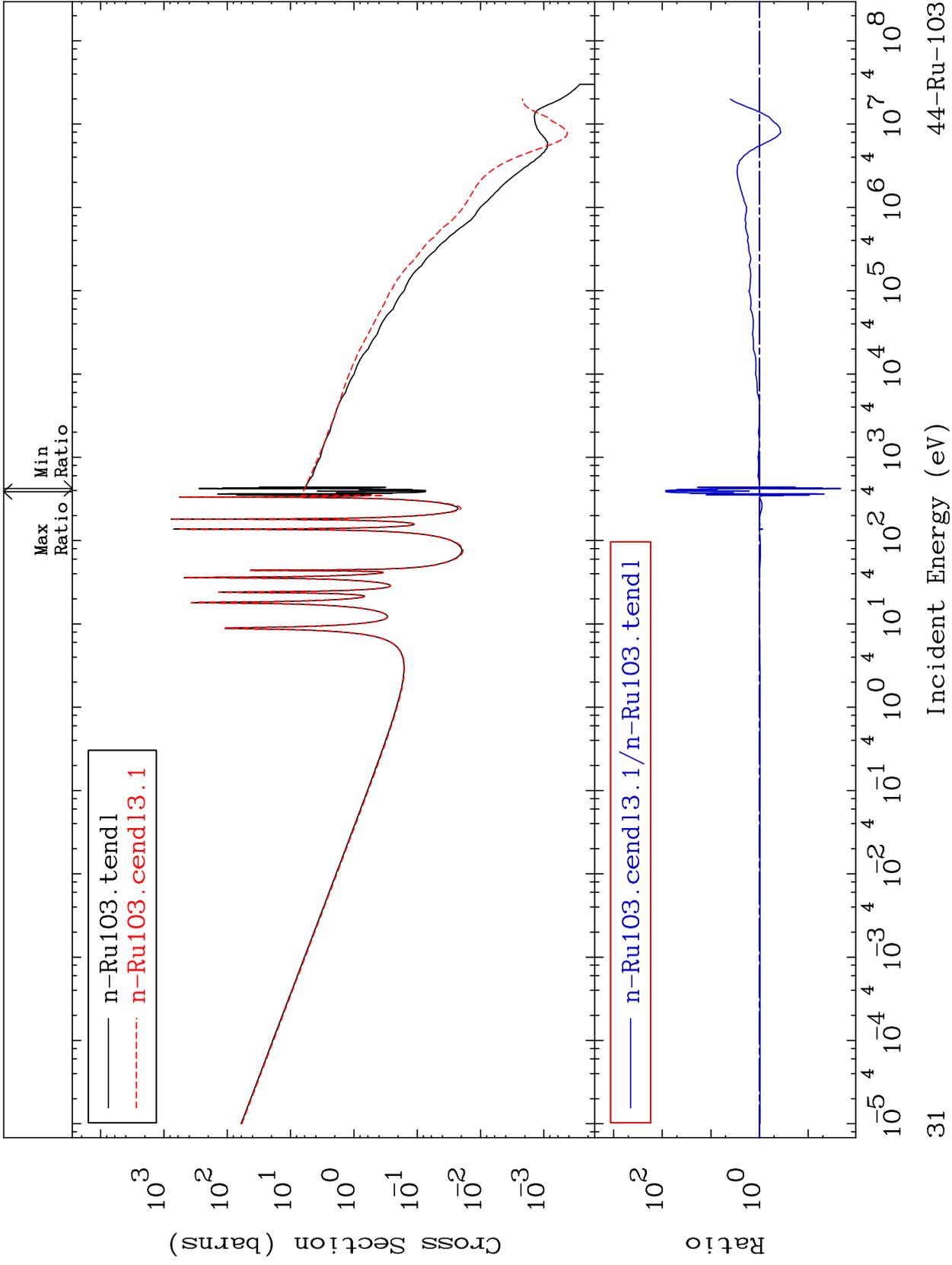
44-Ru-103  
-65.03 To 5787. %



MAT 4446

(n,  $\gamma$ )  
Cross Section

44-Ru-103  
-97.87 To 8474. %



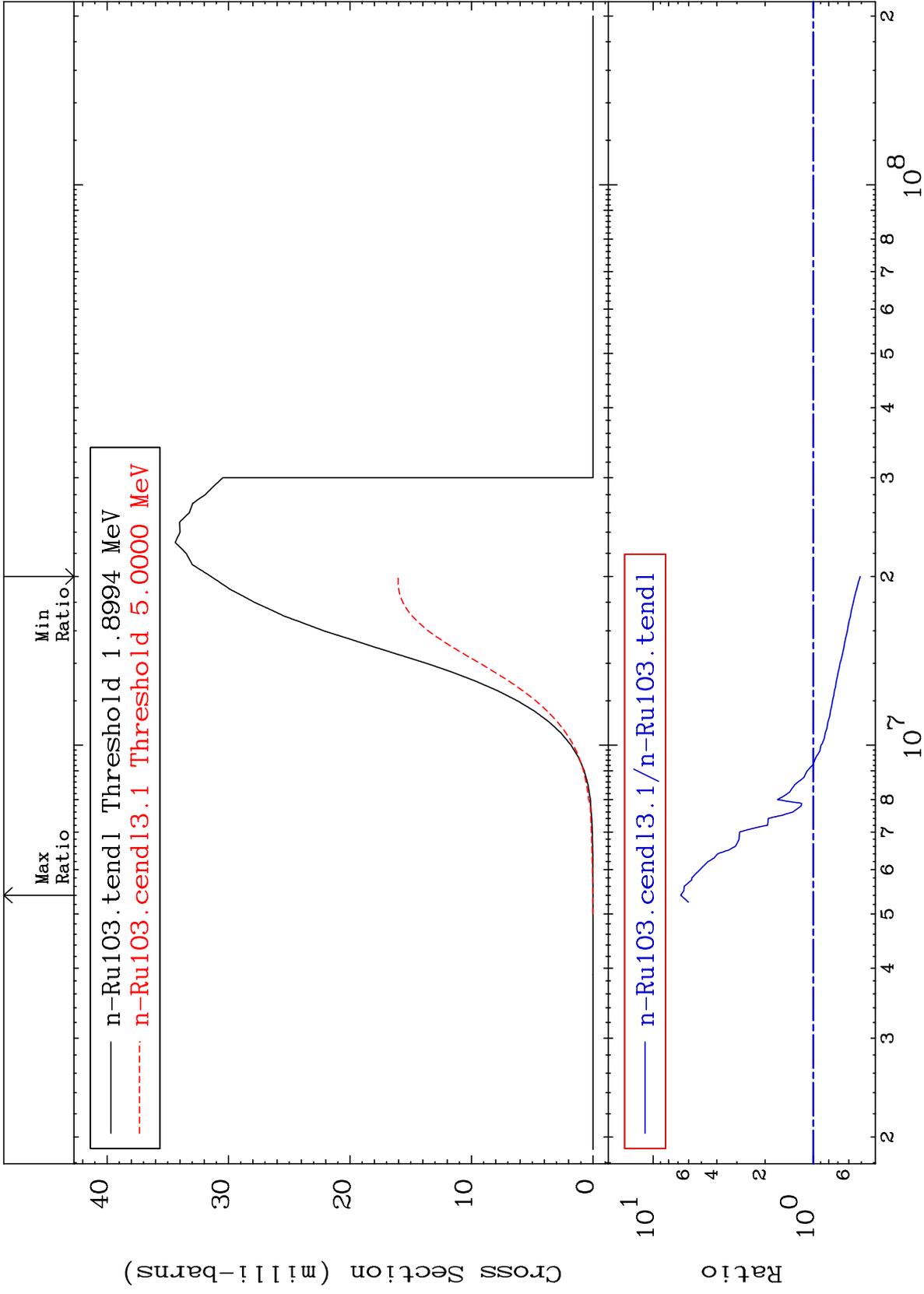
MAT 4446

(n, p)

44-Ru-103

Cross Section

-49.05 To 572.1 %



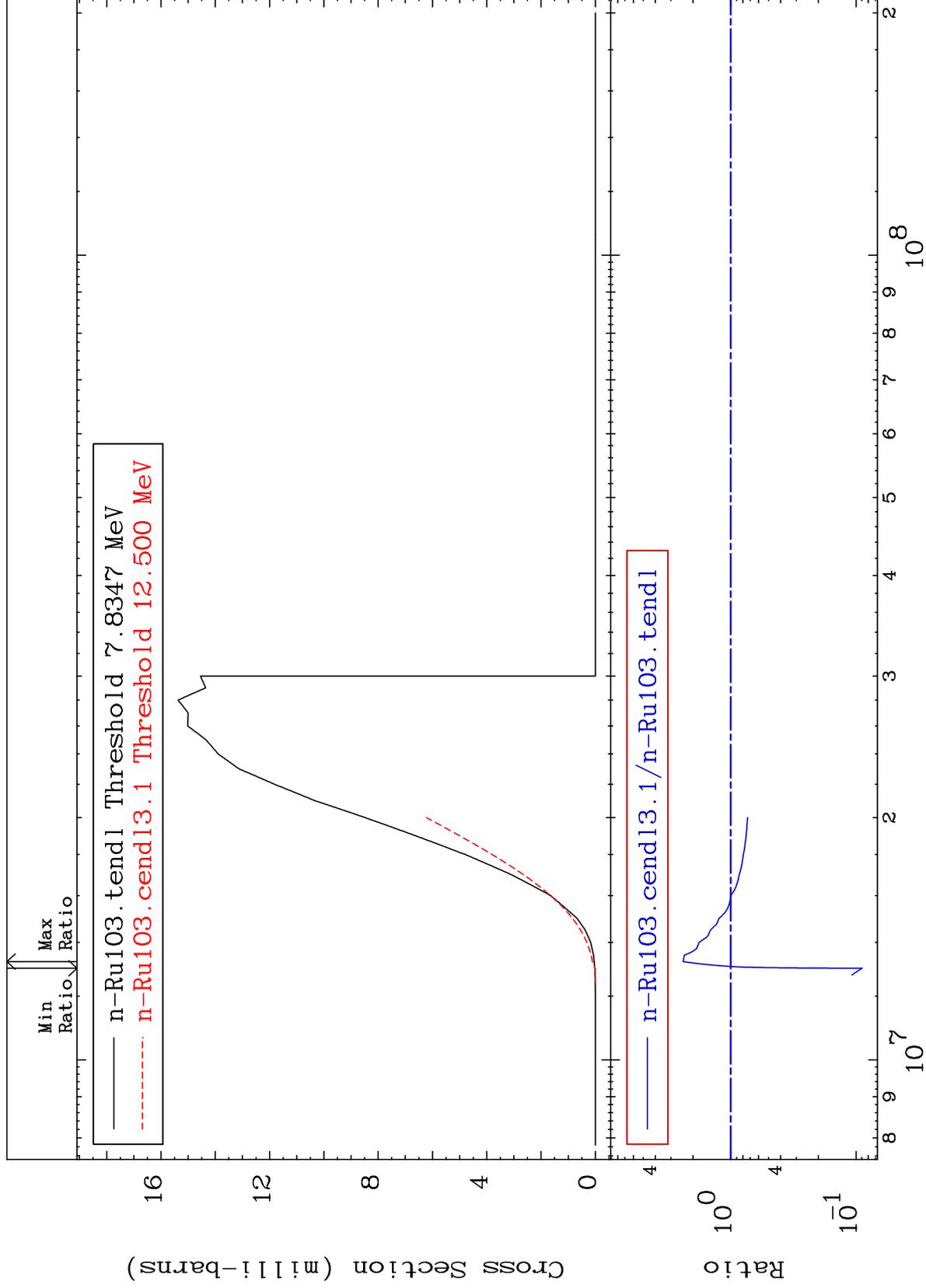
MAT 4446

(n, d)

44-Ru-103

Cross Section

-91.06 To 140.4 %



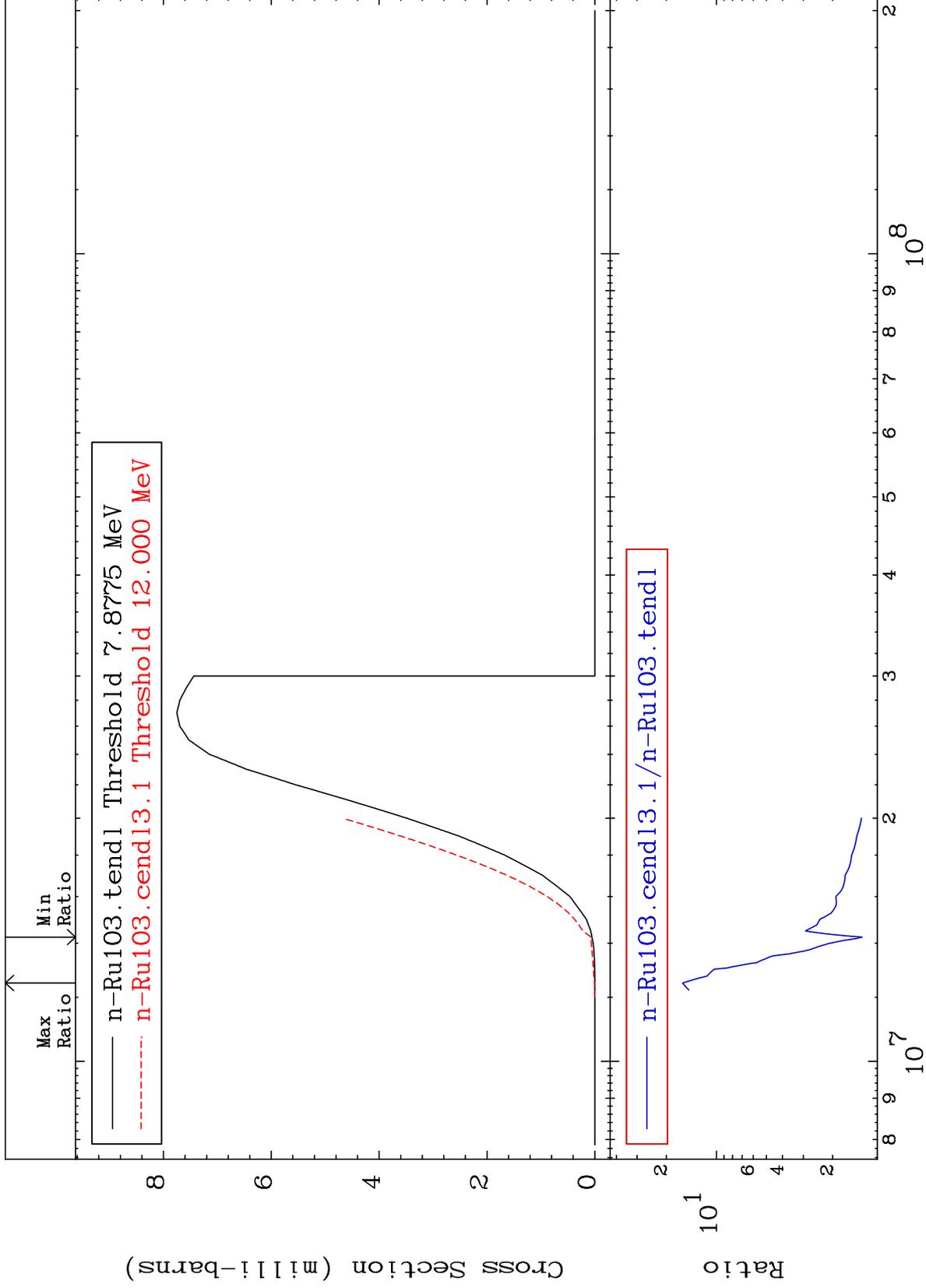
MAT 4446

(n, t)

44-Ru-103

Cross Section

32.93 To 1497. %



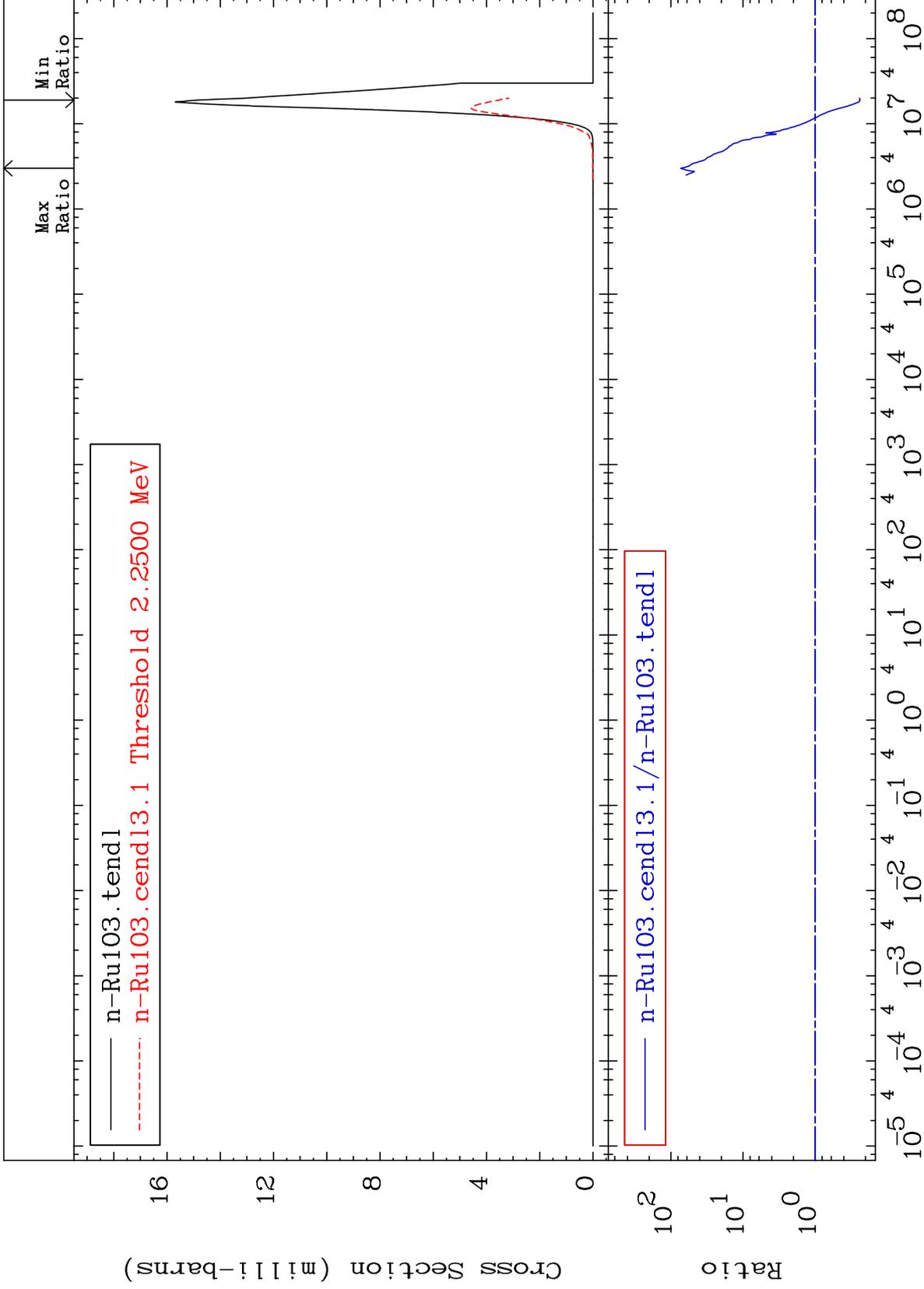
MAT 4446

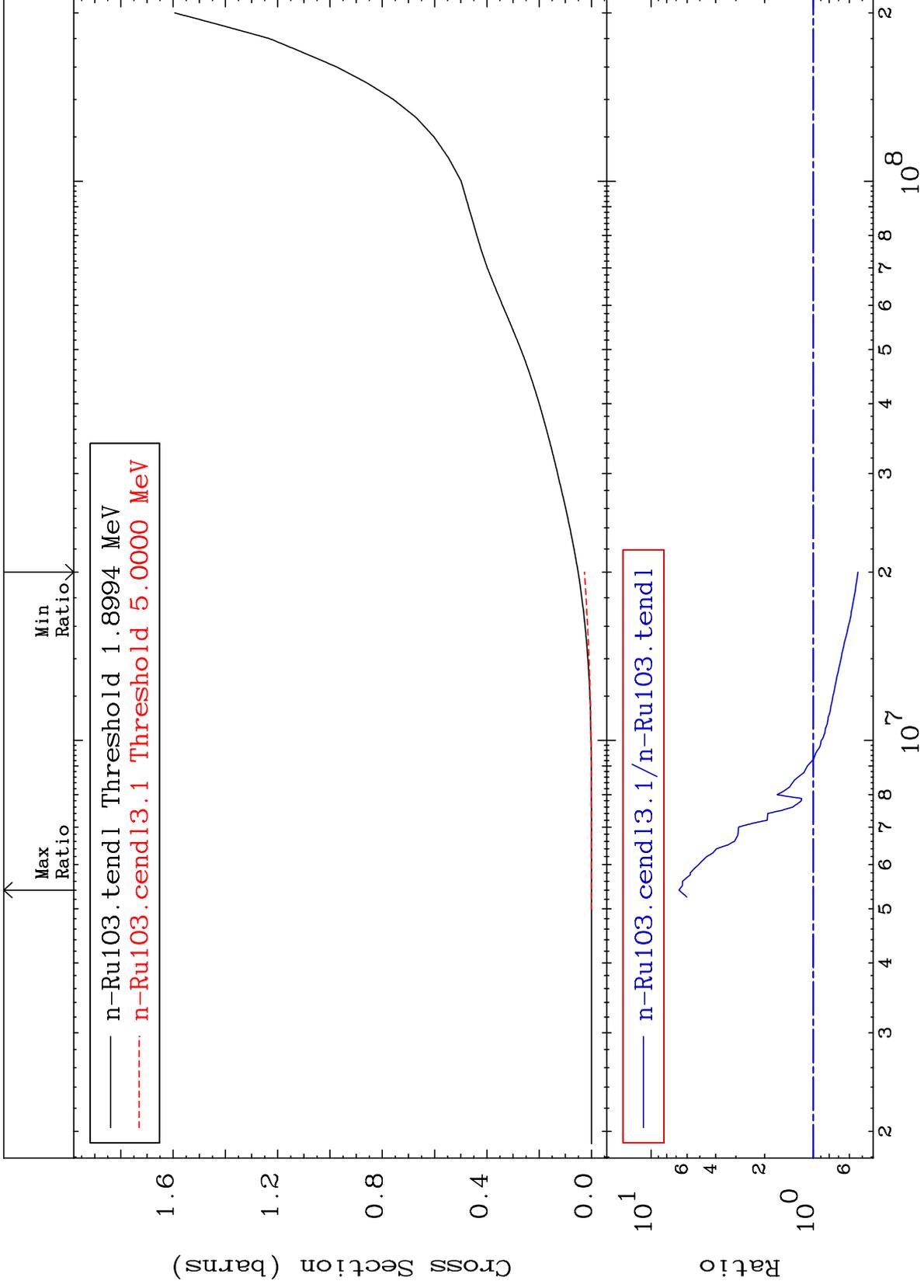
(n,  $\alpha$ )

44-Ru-103

Cross Section

-76.17 To 7204. %

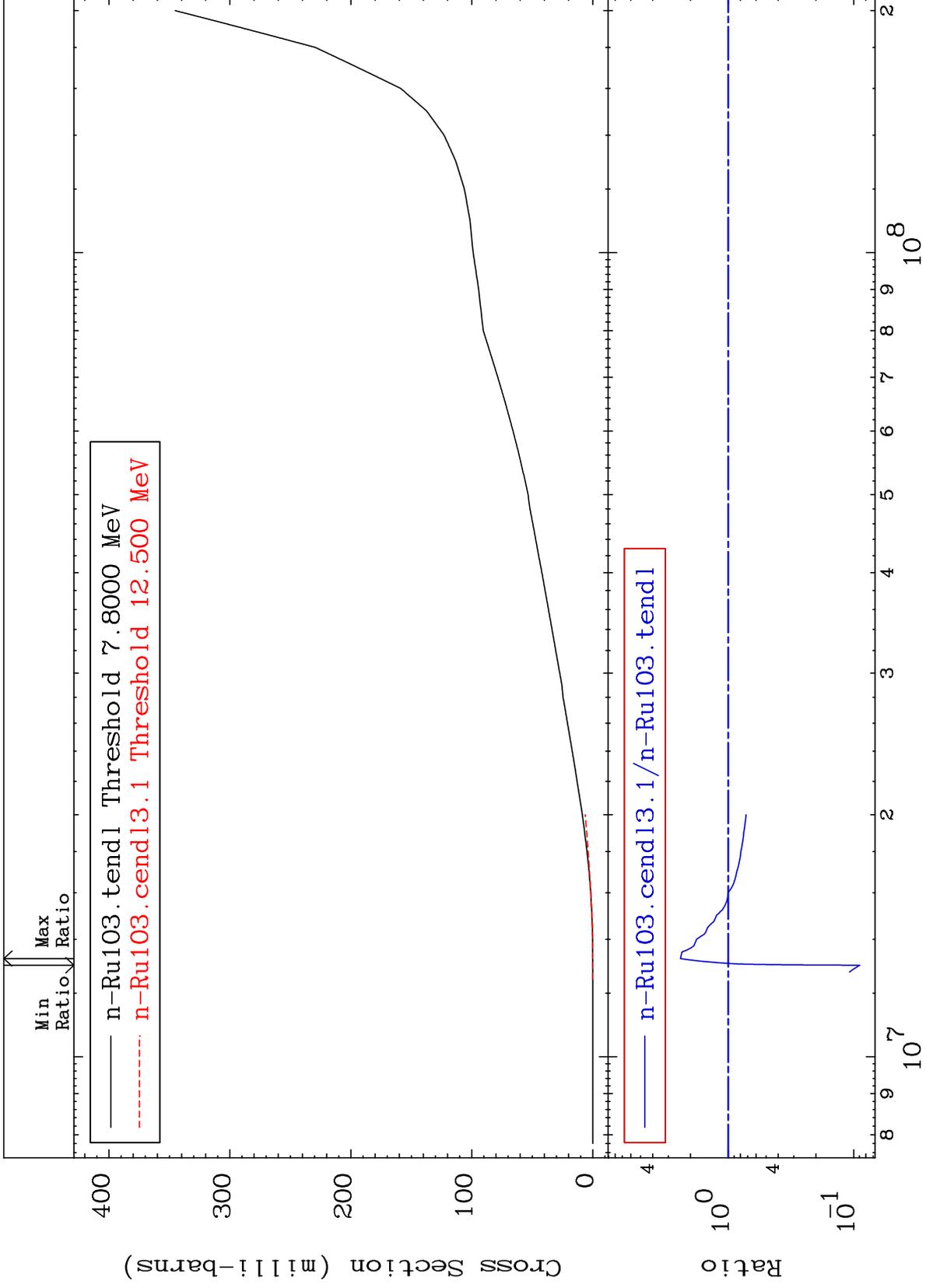




MAT 4446

Deuterium Production  
Cross Section

44-Ru-103  
-91.06 To 140.4 %



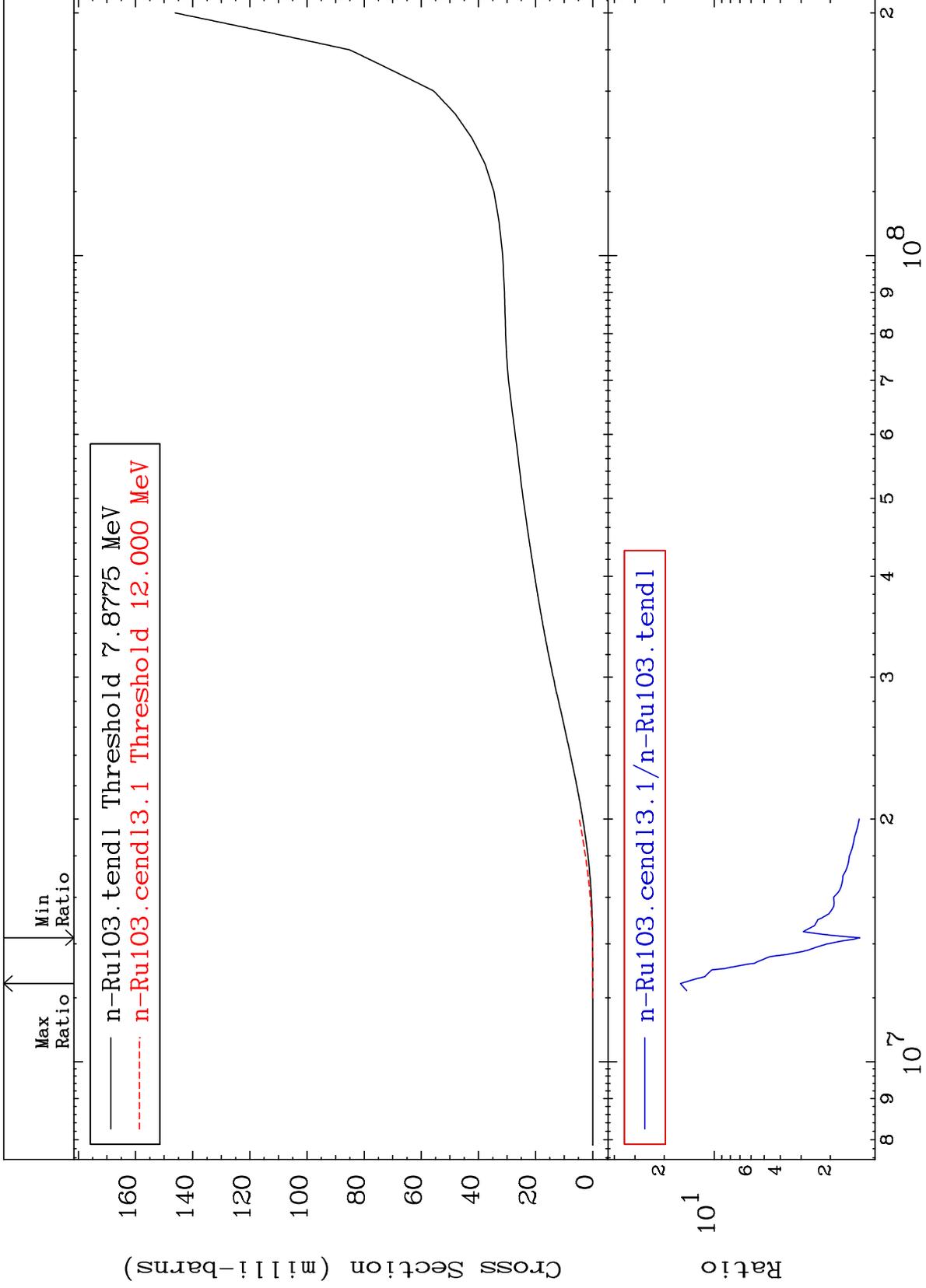
37

44-Ru-103

MAT 4446

Tritium Production  
Cross Section

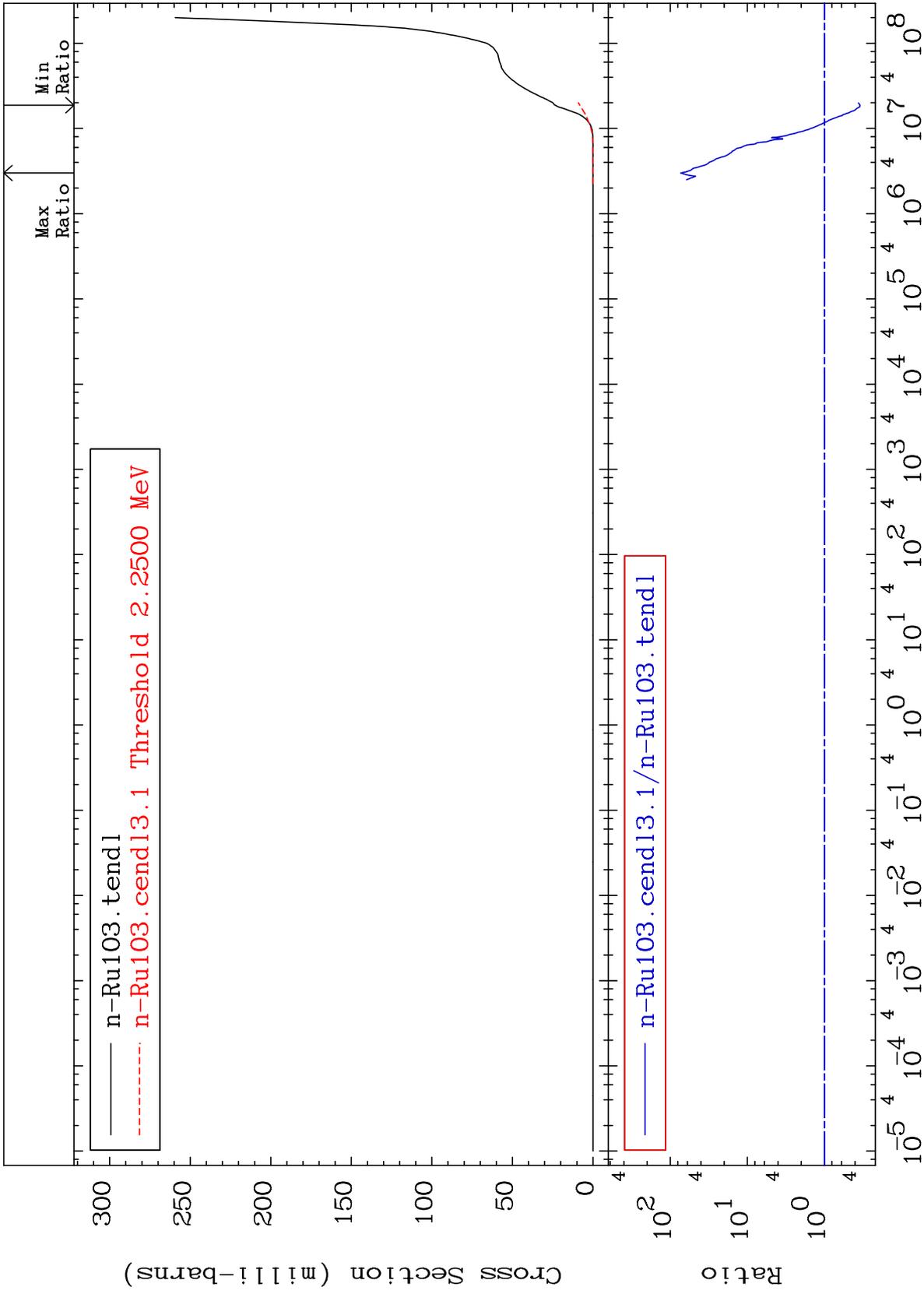
44-Ru-103  
32.93 To 1497. %

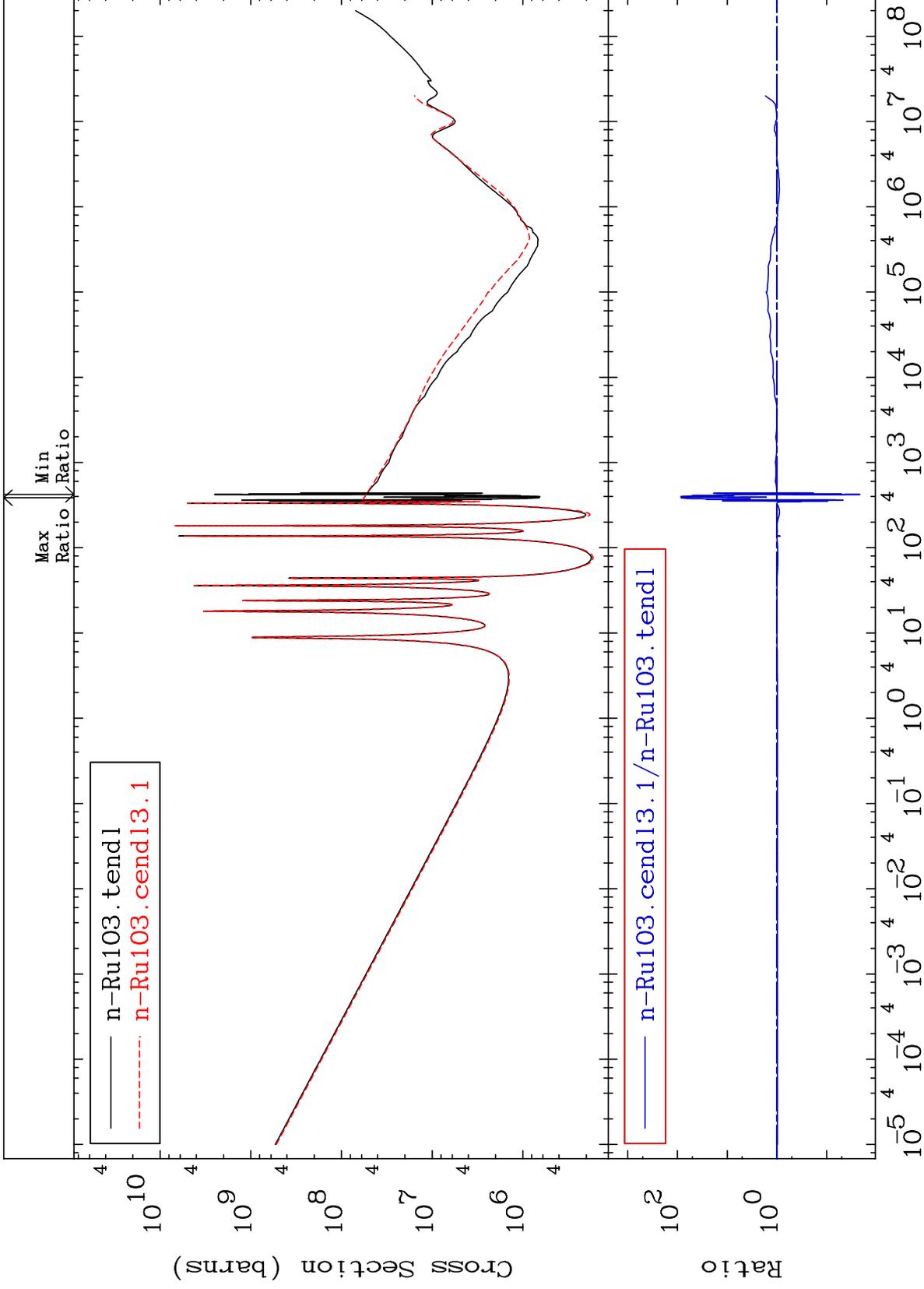


MAT 4446

He-4 Production  
Cross Section

44-Ru-103  
-65.50 To 7204. %

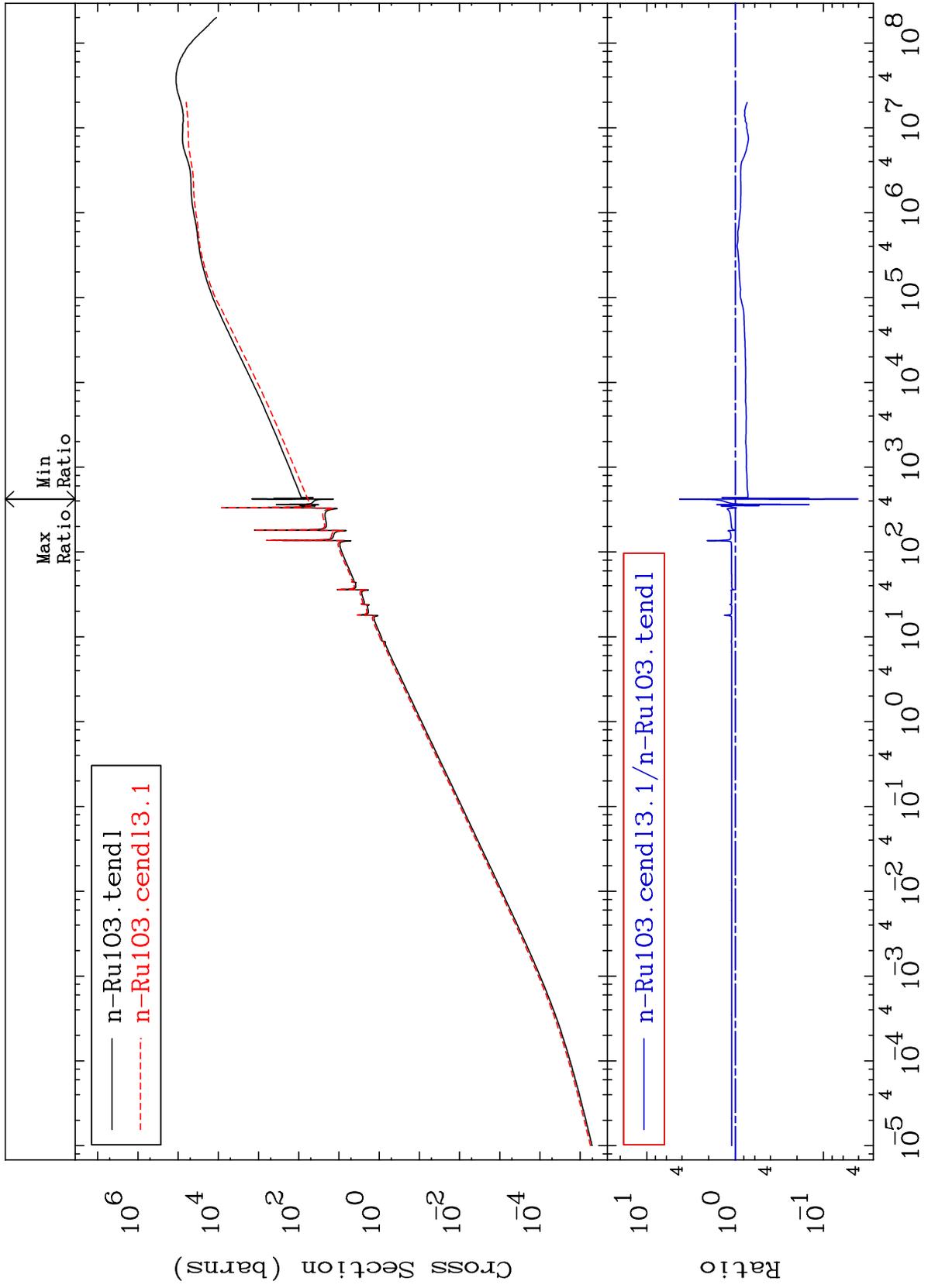




MAT 4446

Kerma elastic  
Cross Section

44-Ru-103  
-95.95 To 326.6 %



41

Incident Energy (eV)

44-Ru-103

