

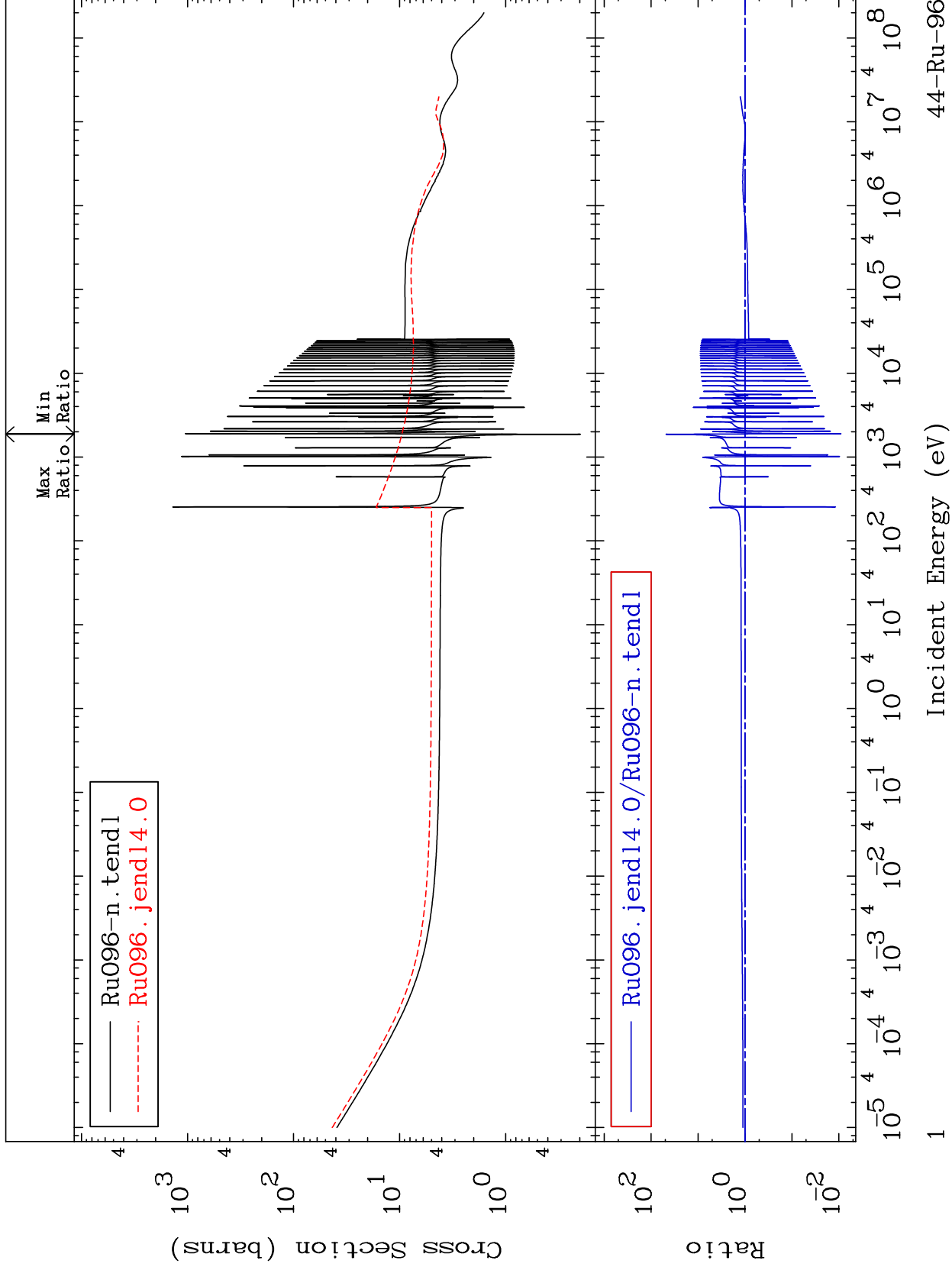
MAT 4425

Total

Cross Section

44-Ru-96

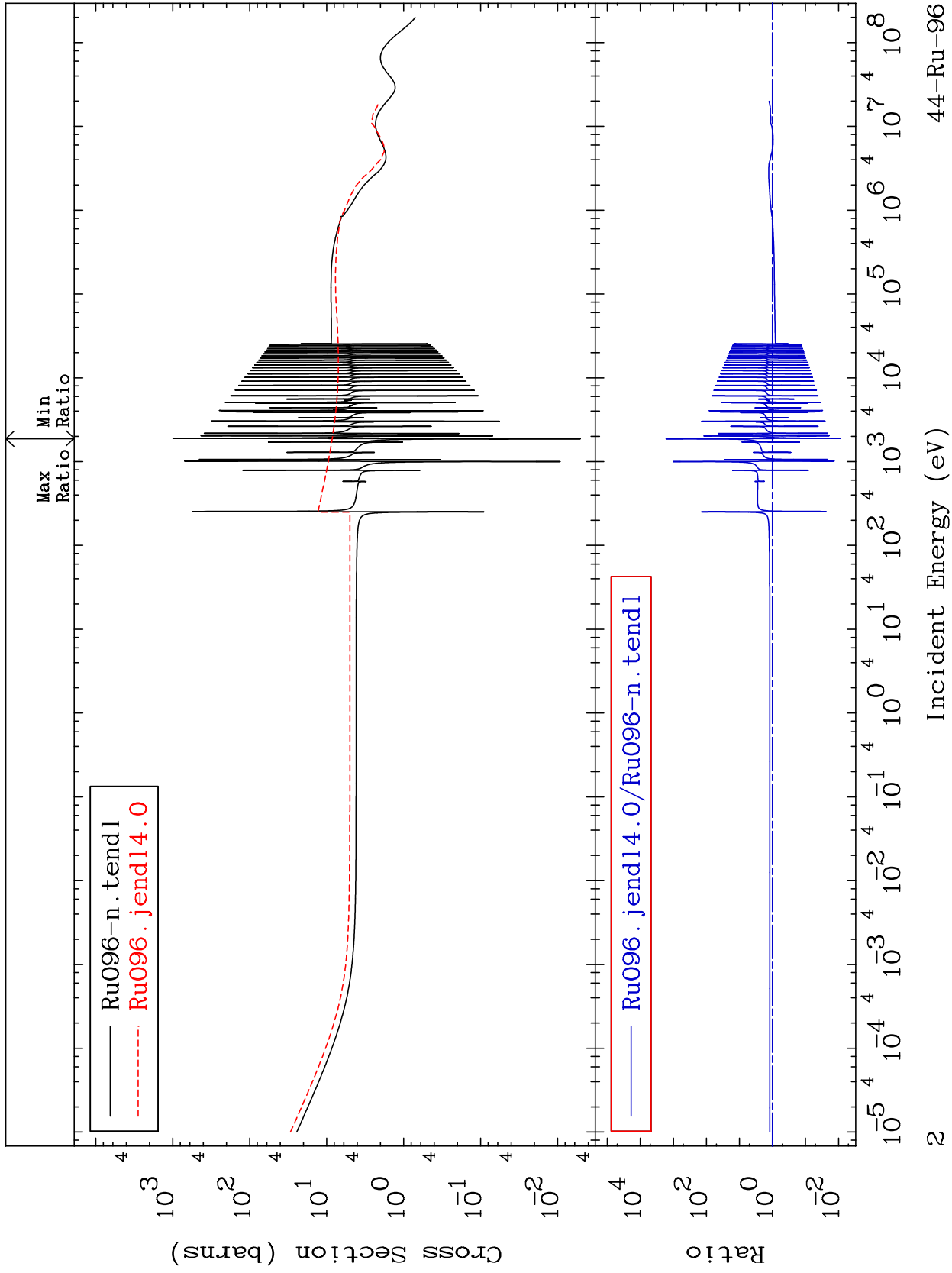
-99.09 To 4726. %



MAT 4425

Elastic  
Cross Section

44-Ru-96  
-99.15 To 9999. %



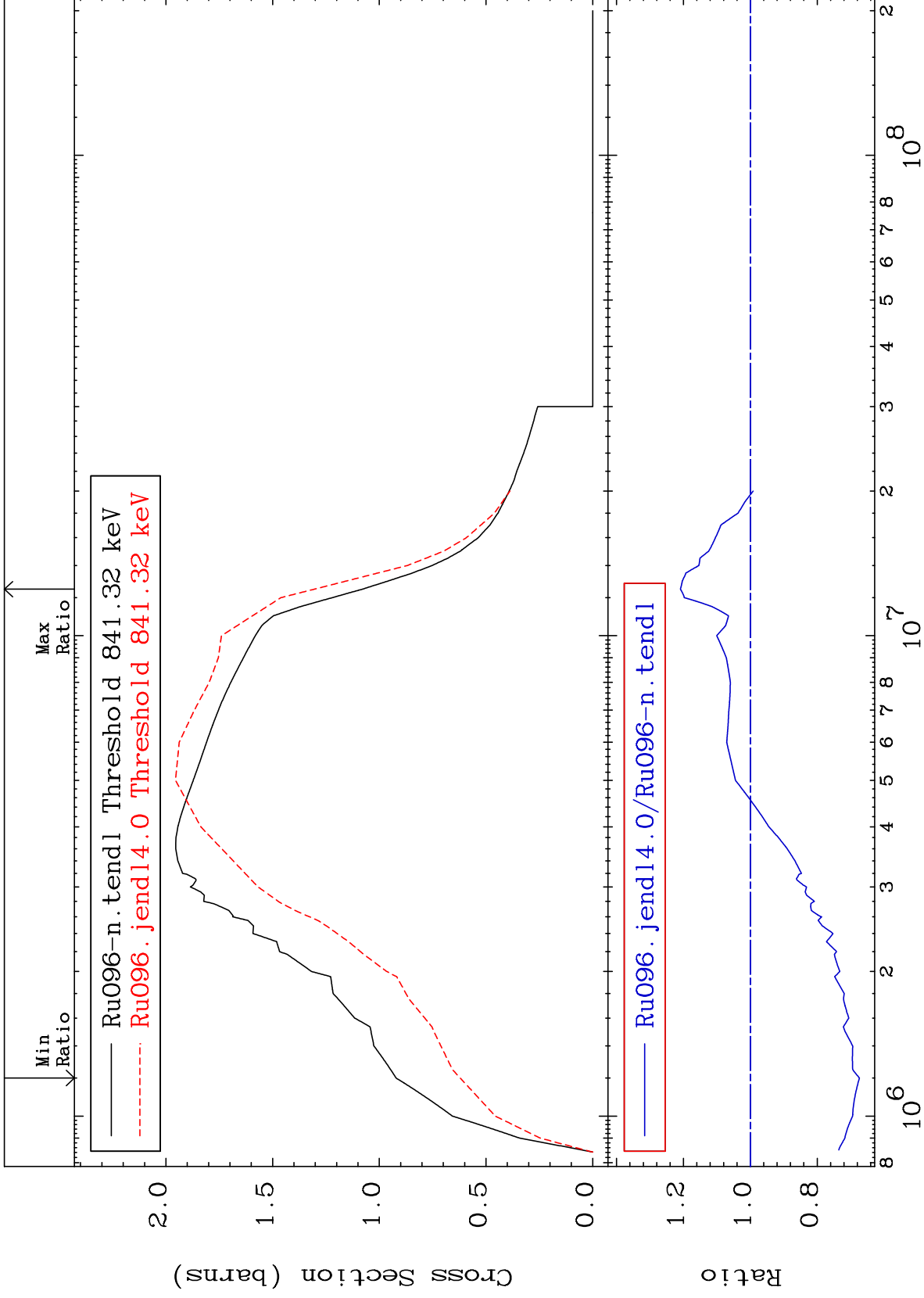
44-Ru-96

MAT 4425

44-Ru-96

Inelastic  
Cross Section

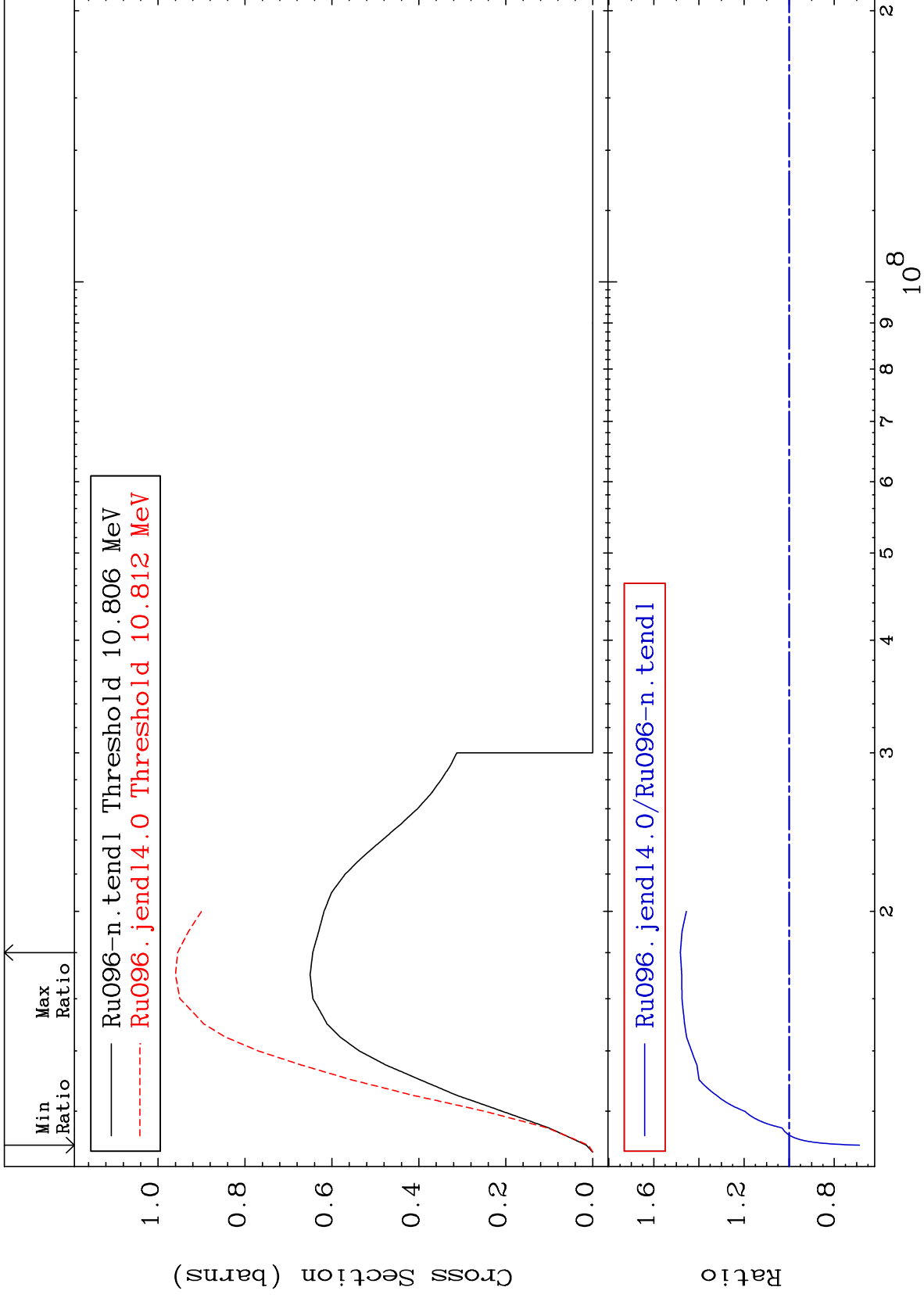
-32.62 To 20.93 %



44-Ru-96

Incident Energy (eV)

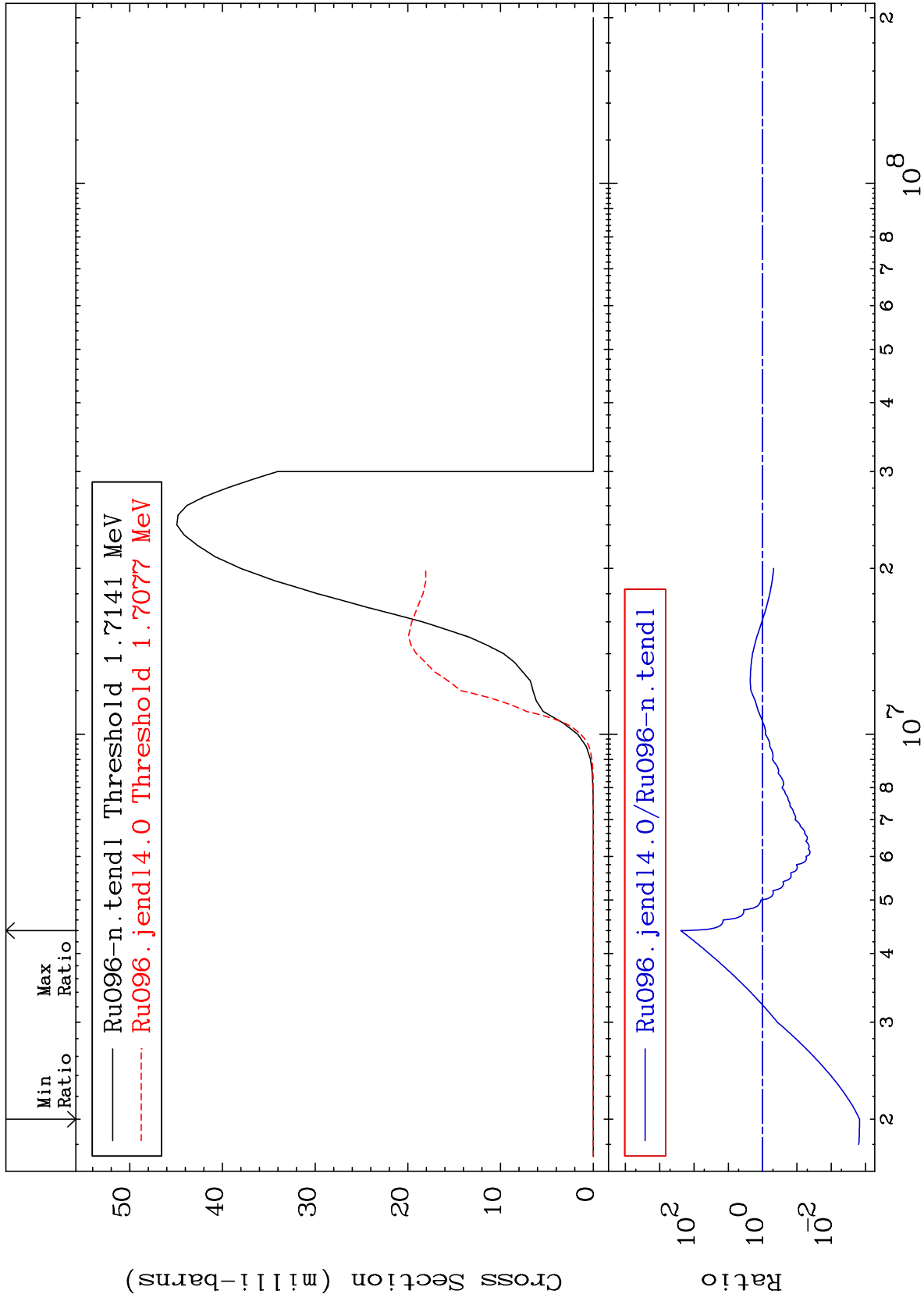
3



MAT 4425

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

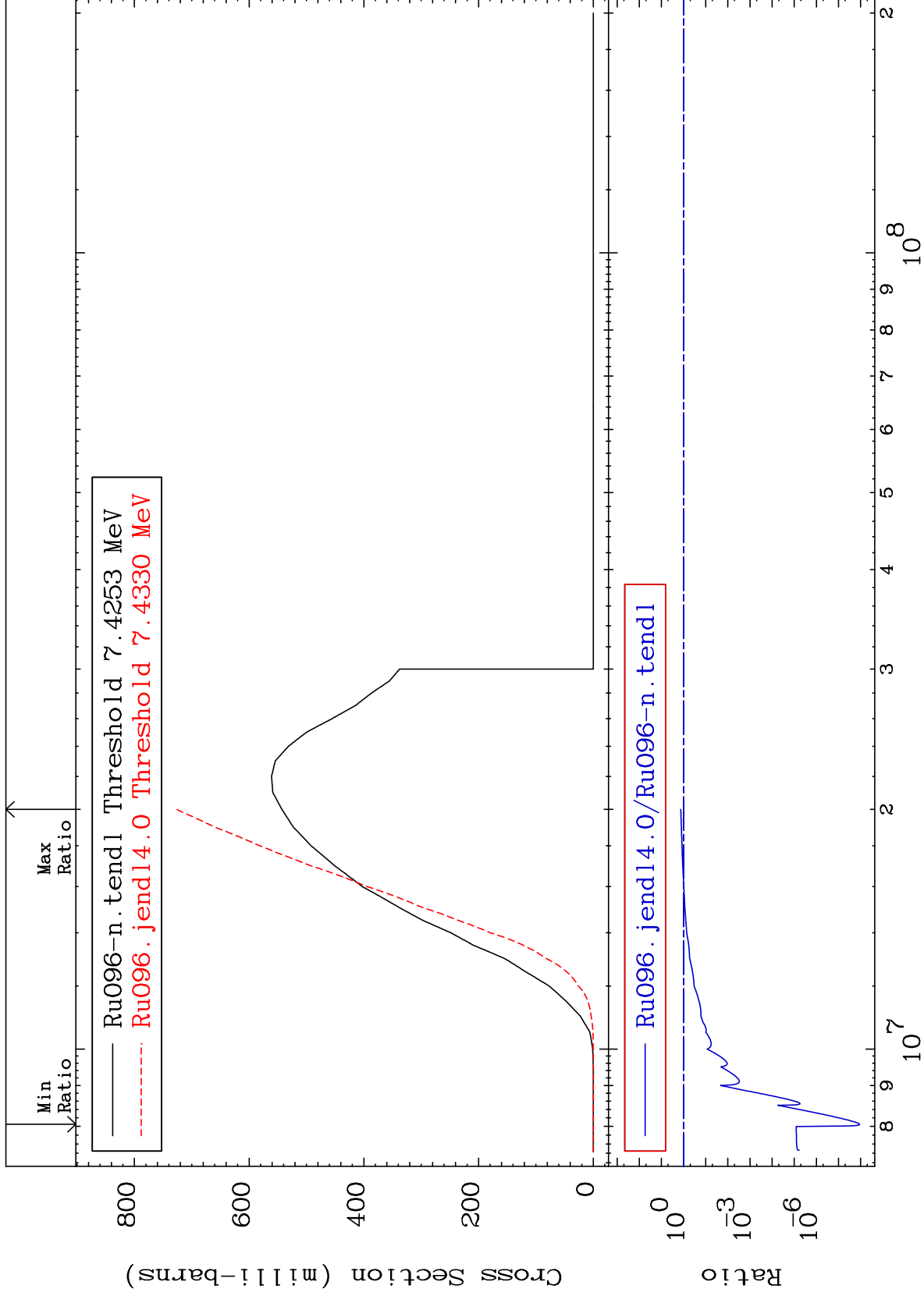
44-Ru-96  
-99.85 To 9999. %



MAT 4425

(n, n') p  
Cross Section

44-Ru-96  
-100.0 To 33.75 %



6

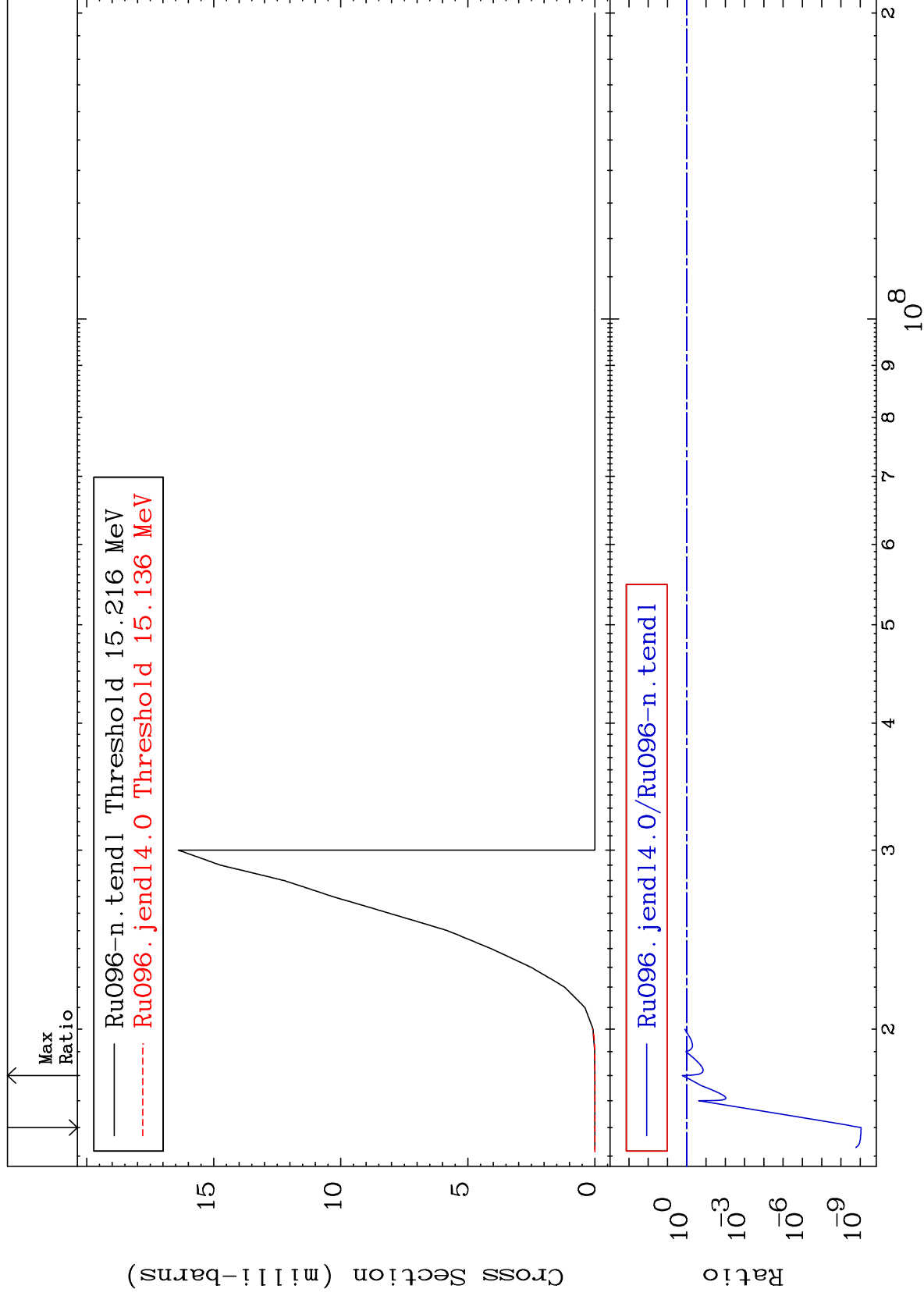
Incident Energy (eV)

44-Ru-96

MAT 4425

(n, n') d  
Cross Section

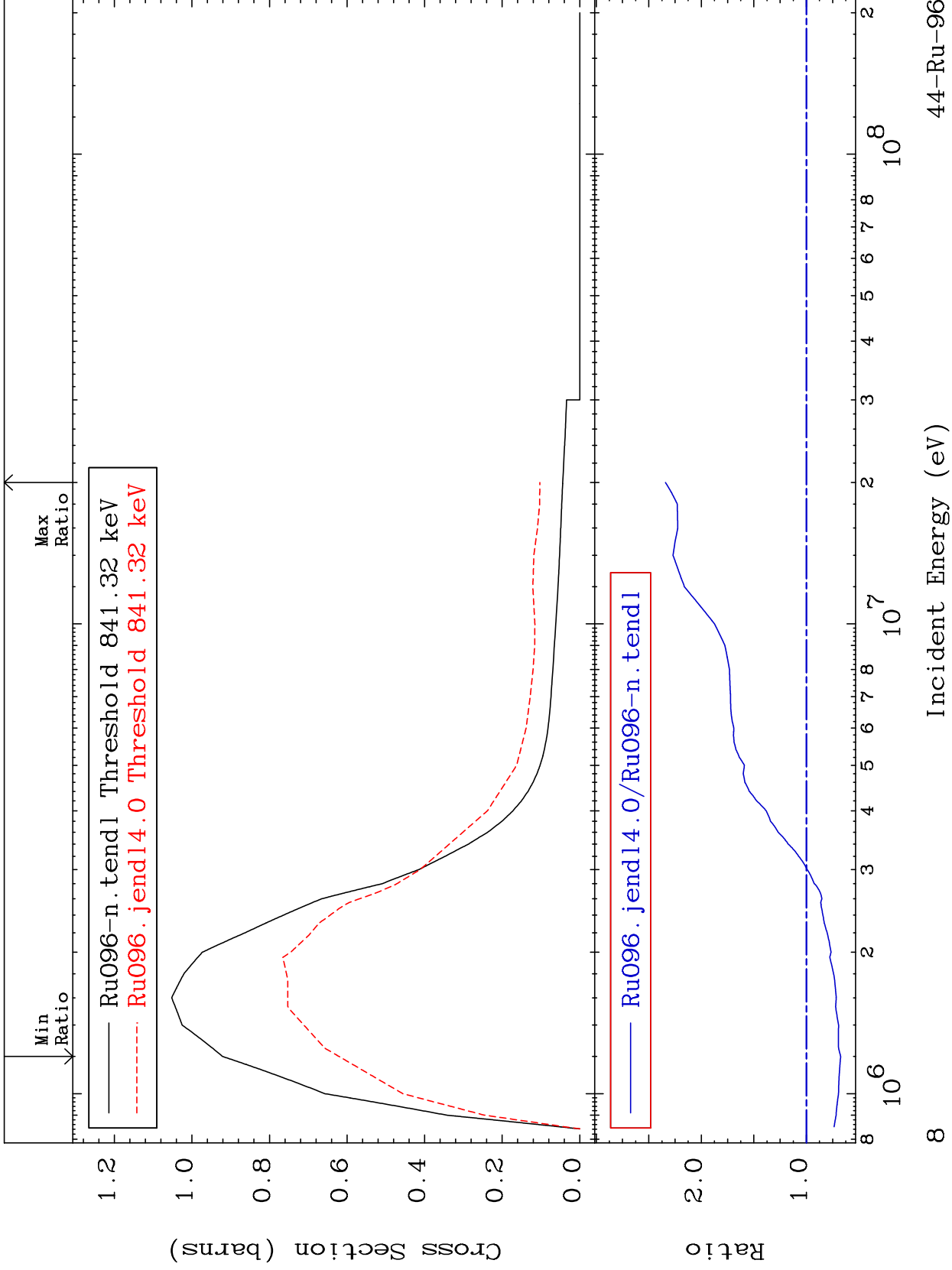
44-Ru-96  
-100.0 To 69.21 %



MAT 4425

832.6 keV (n,n') Level  
Cross Section

44-Ru-96  
-32.62 To 134.1 %

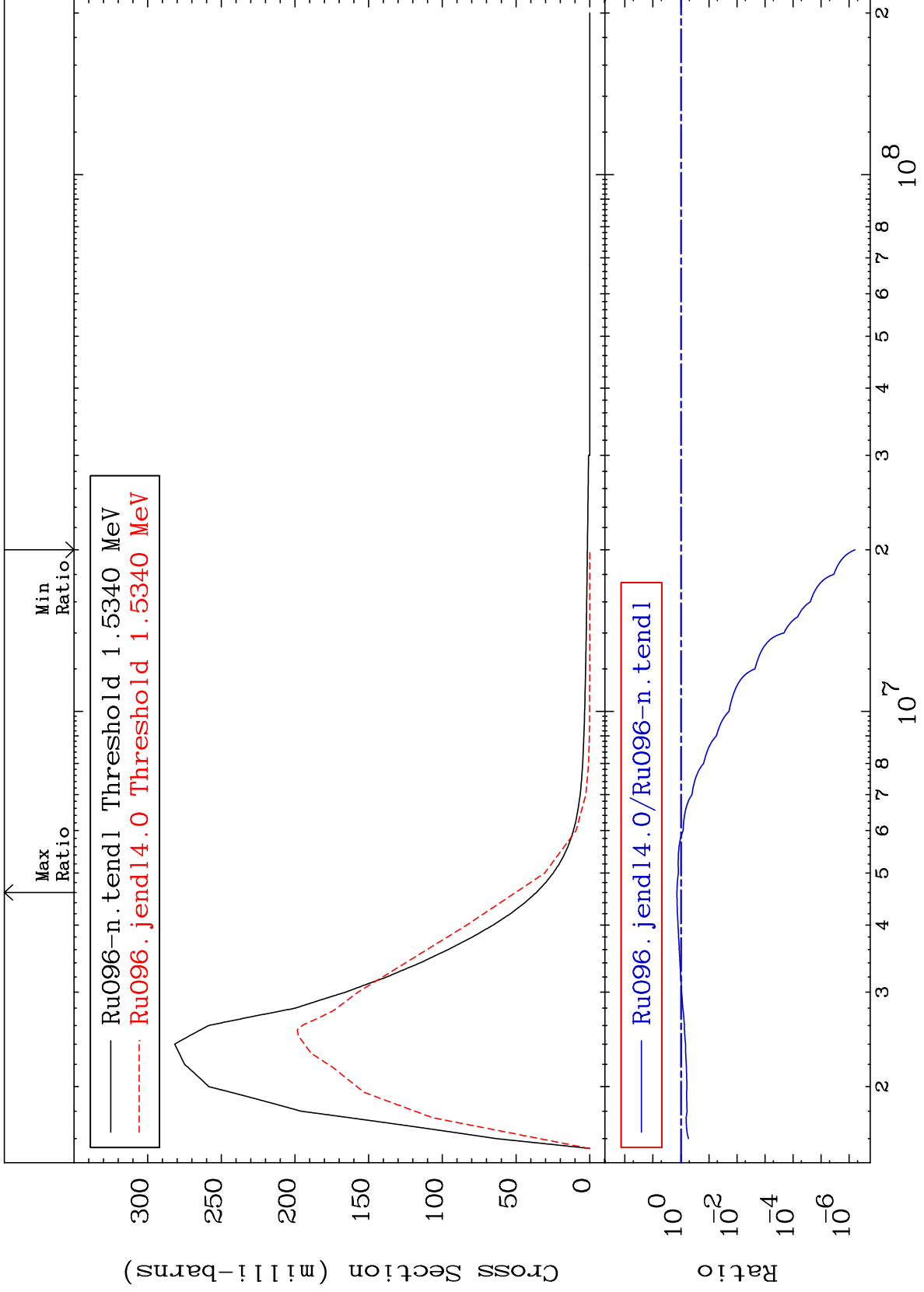




MAT 4425

1.518 MeV (n,n') Level  
Cross Section

44-Ru-96  
-100.0 To 39.05 %



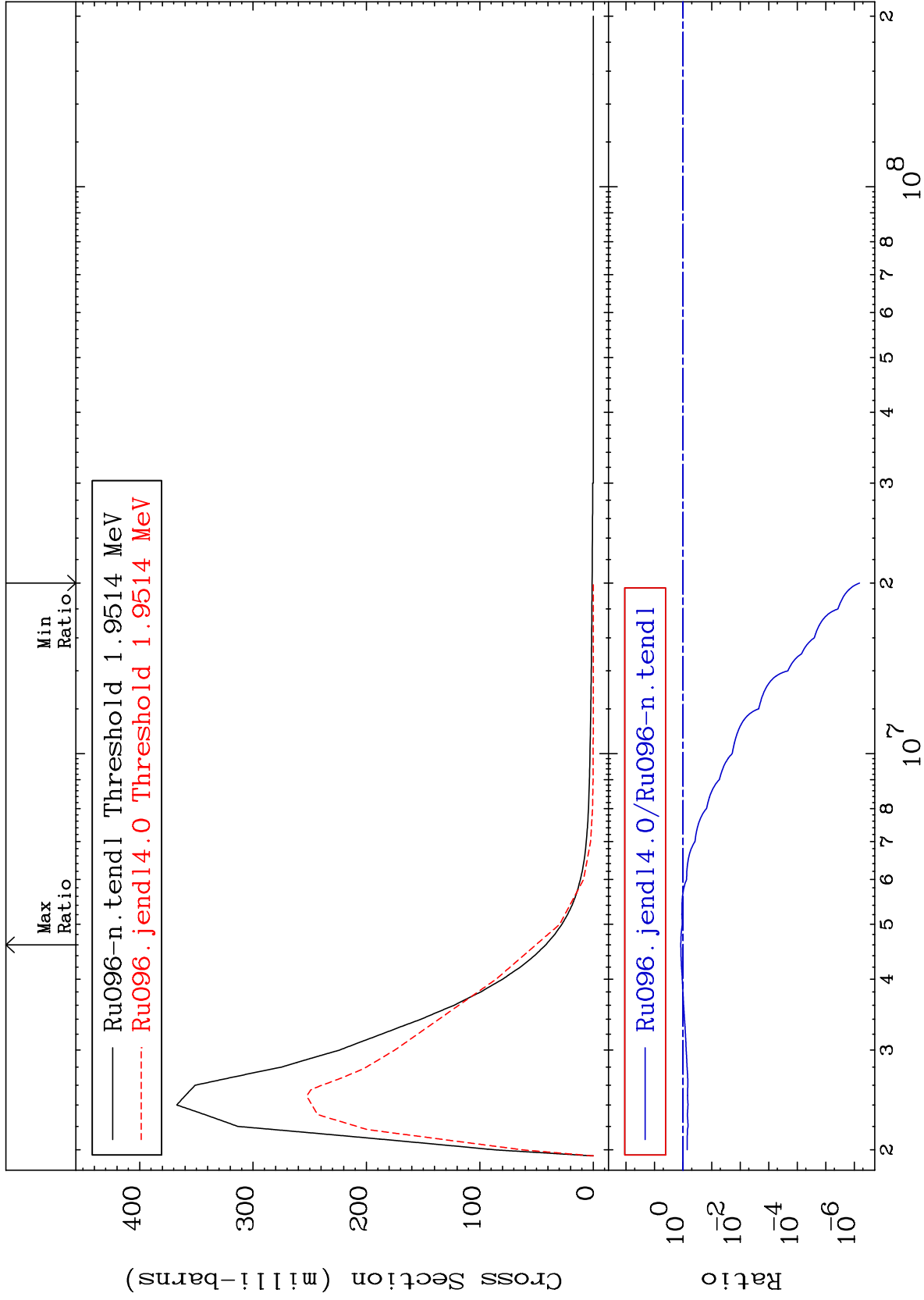
MAT 4425

1.931 MeV (n,n') Level

44-Ru-96

-100.0 To 20.82 %

Cross Section



10

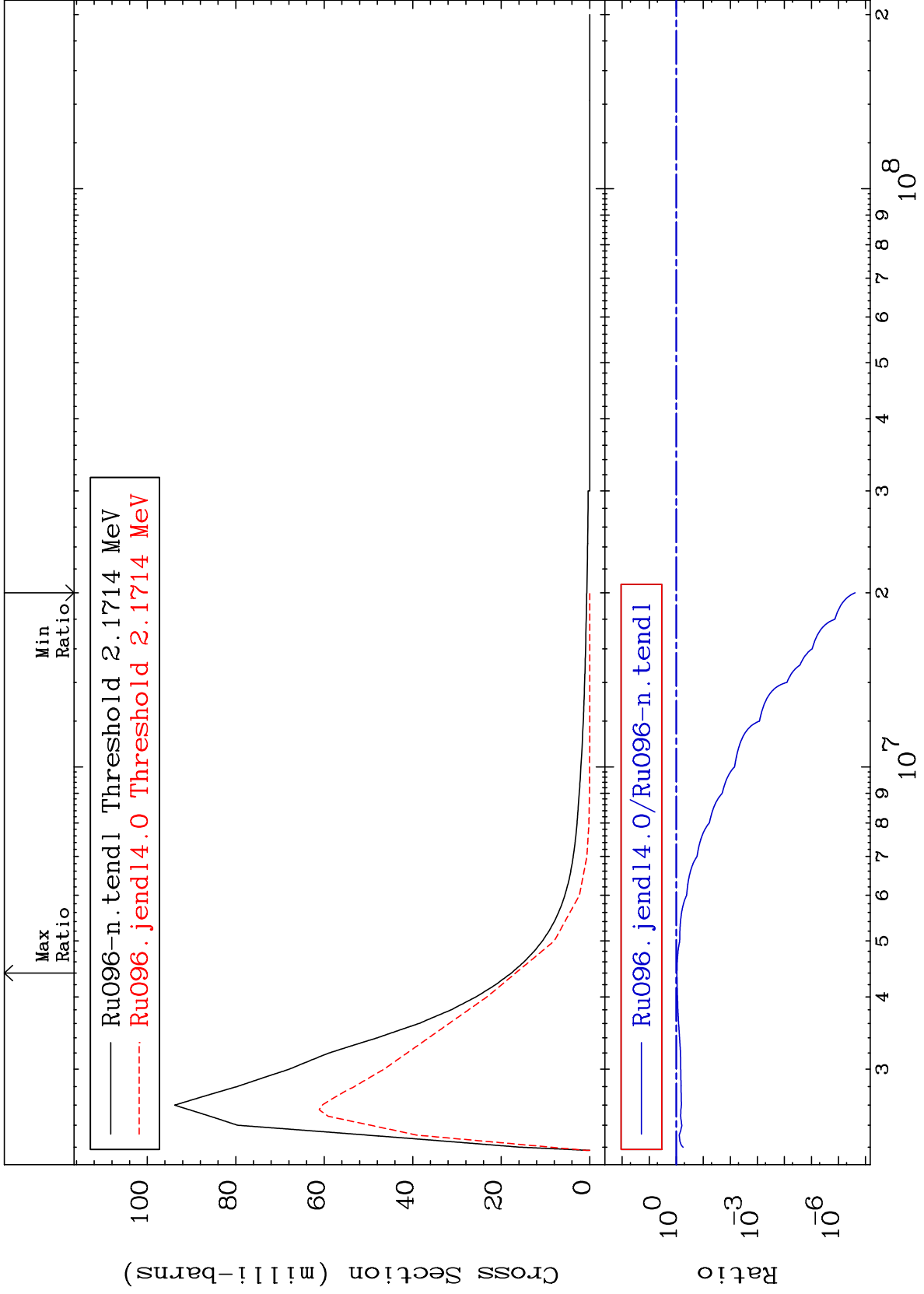
Incident Energy (eV)

44-Ru-96

MAT 4425

2.149 MeV (n,n') Level  
Cross Section

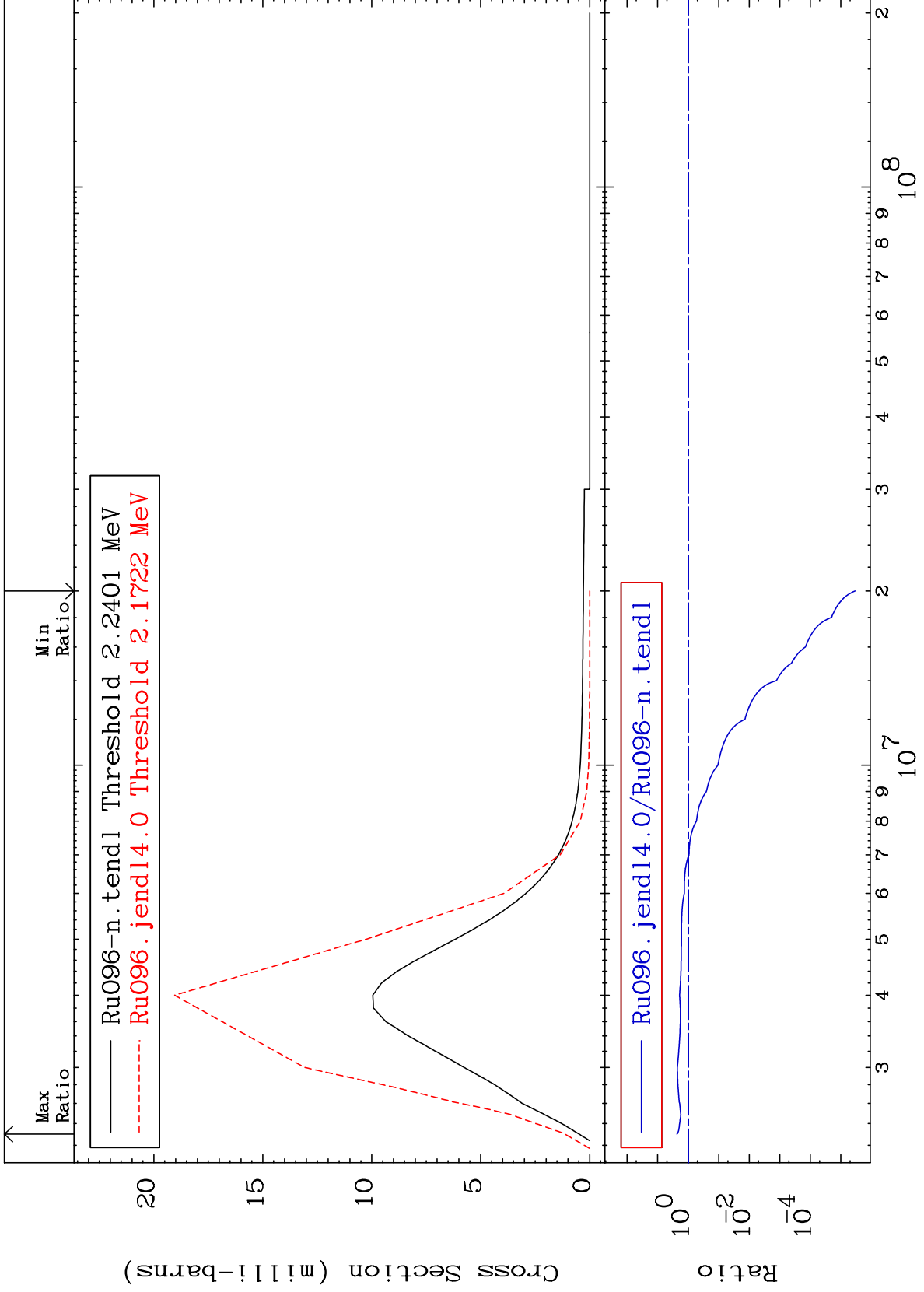
44-Ru-96  
-100.0 To -5.457%



MAT 4425

2.217 MeV (n,n') Level  
Cross Section

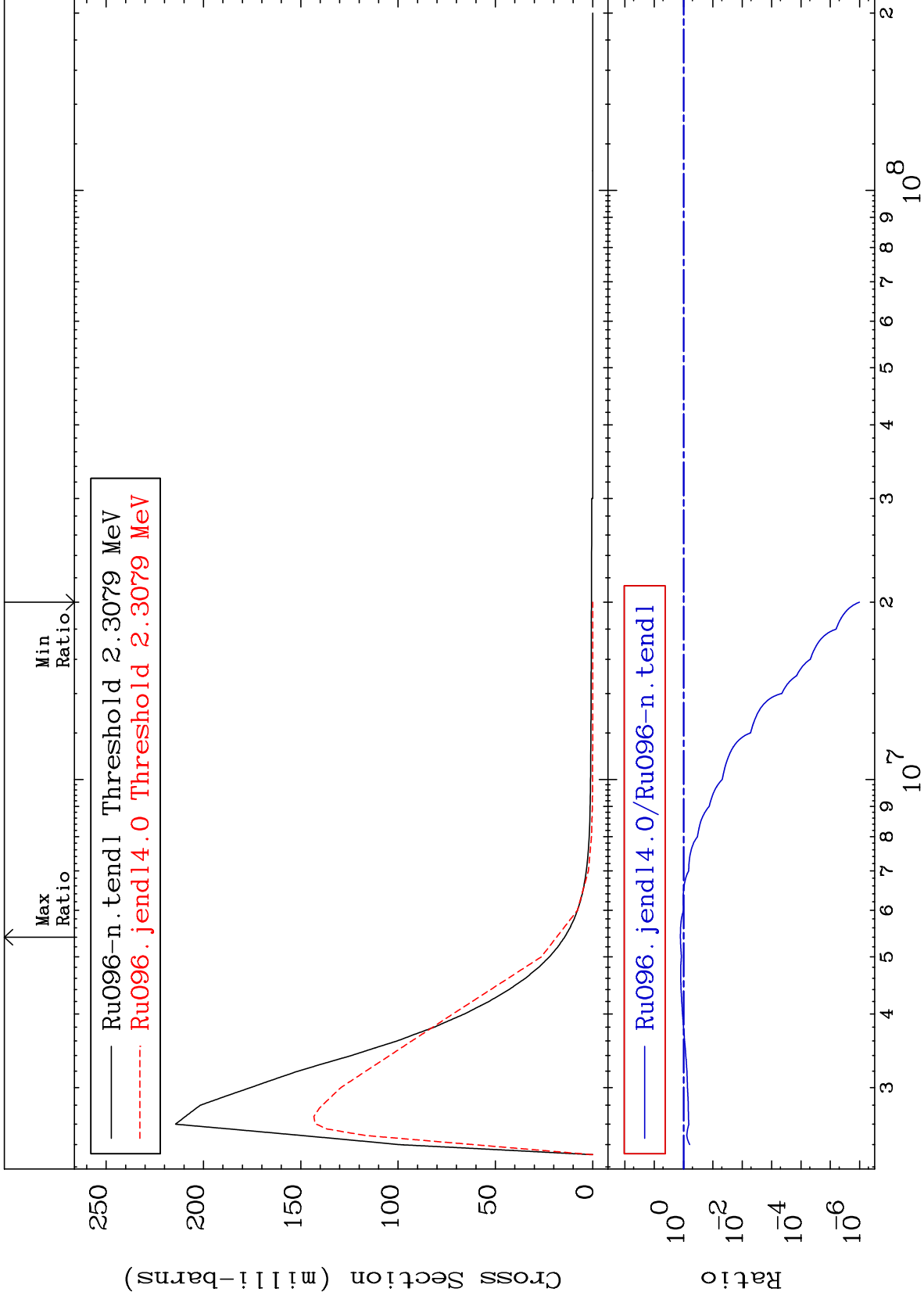
44-Ru-96  
-100.0 To 133.9 %



MAT 4425

2.284 MeV (n,n') Level  
Cross Section

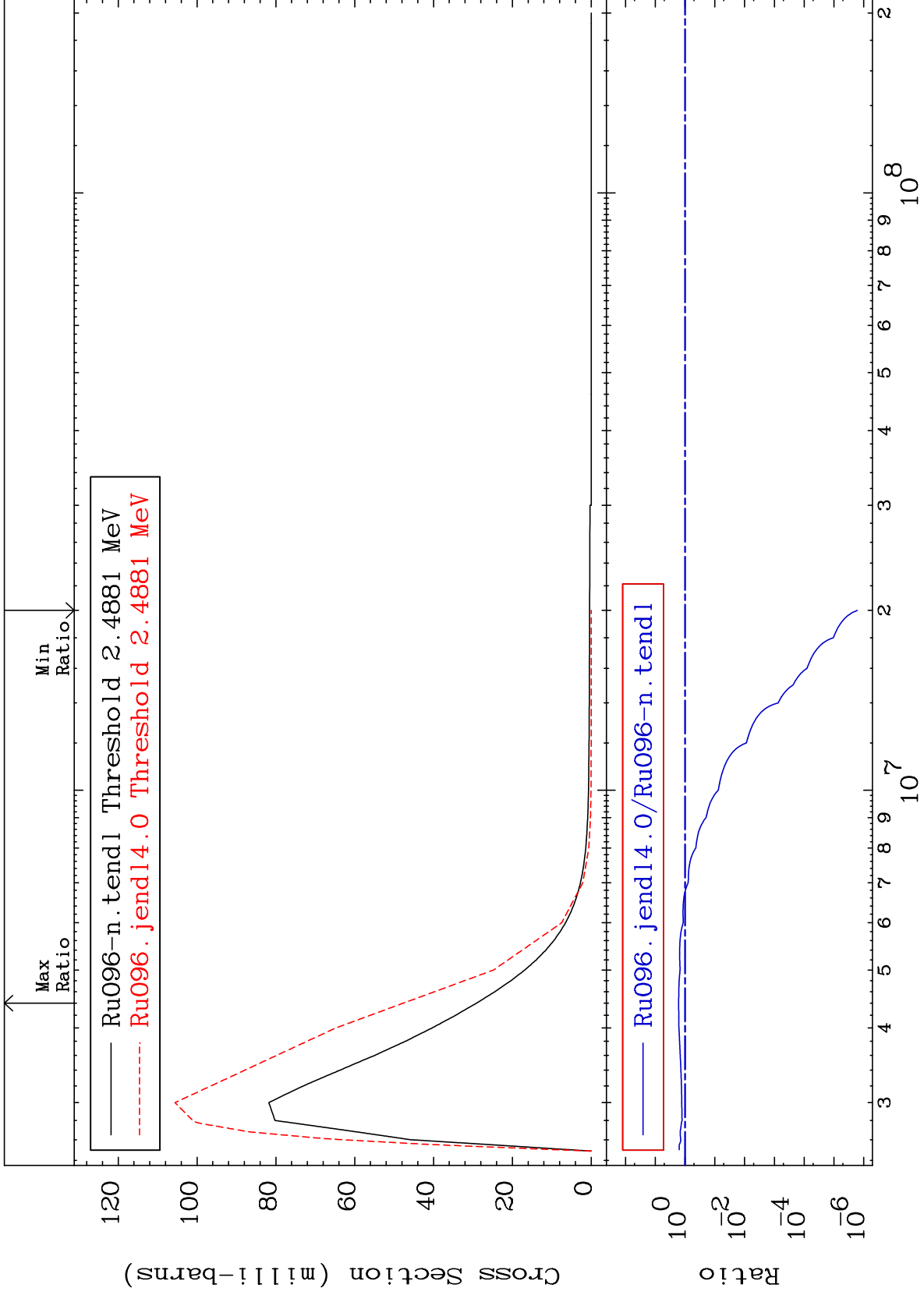
44-Ru-96  
-100.0 To 28.62 %



MAT 4425

2.462 MeV (n,n') Level  
Cross Section

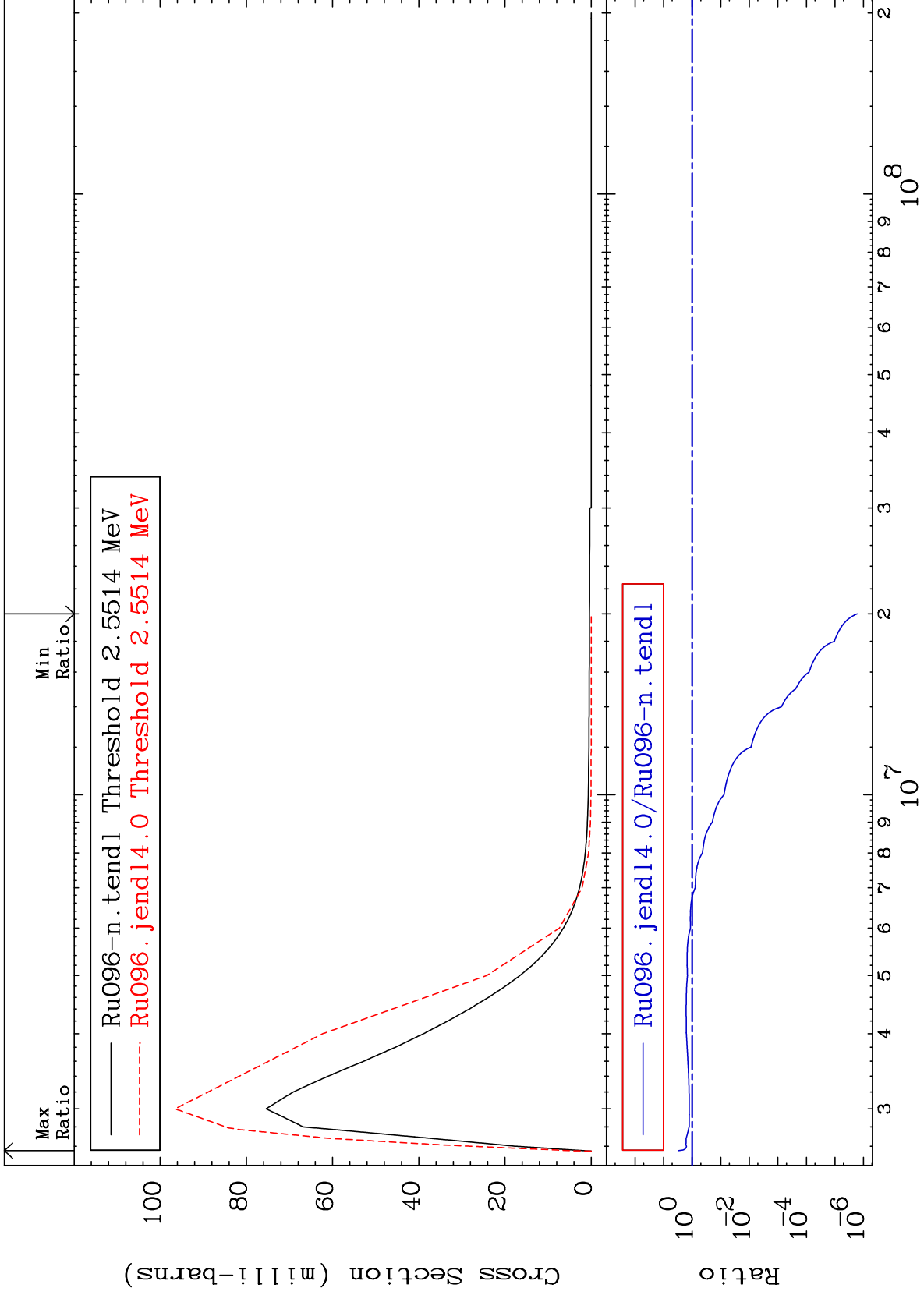
44-Ru-96  
-100.0 To 64.03 %



MAT 4425

2.525 MeV (n,n') Level  
Cross Section

44-Ru-96  
-100.0 To 198.6 %



15

Incident Energy (eV)

44-Ru-96

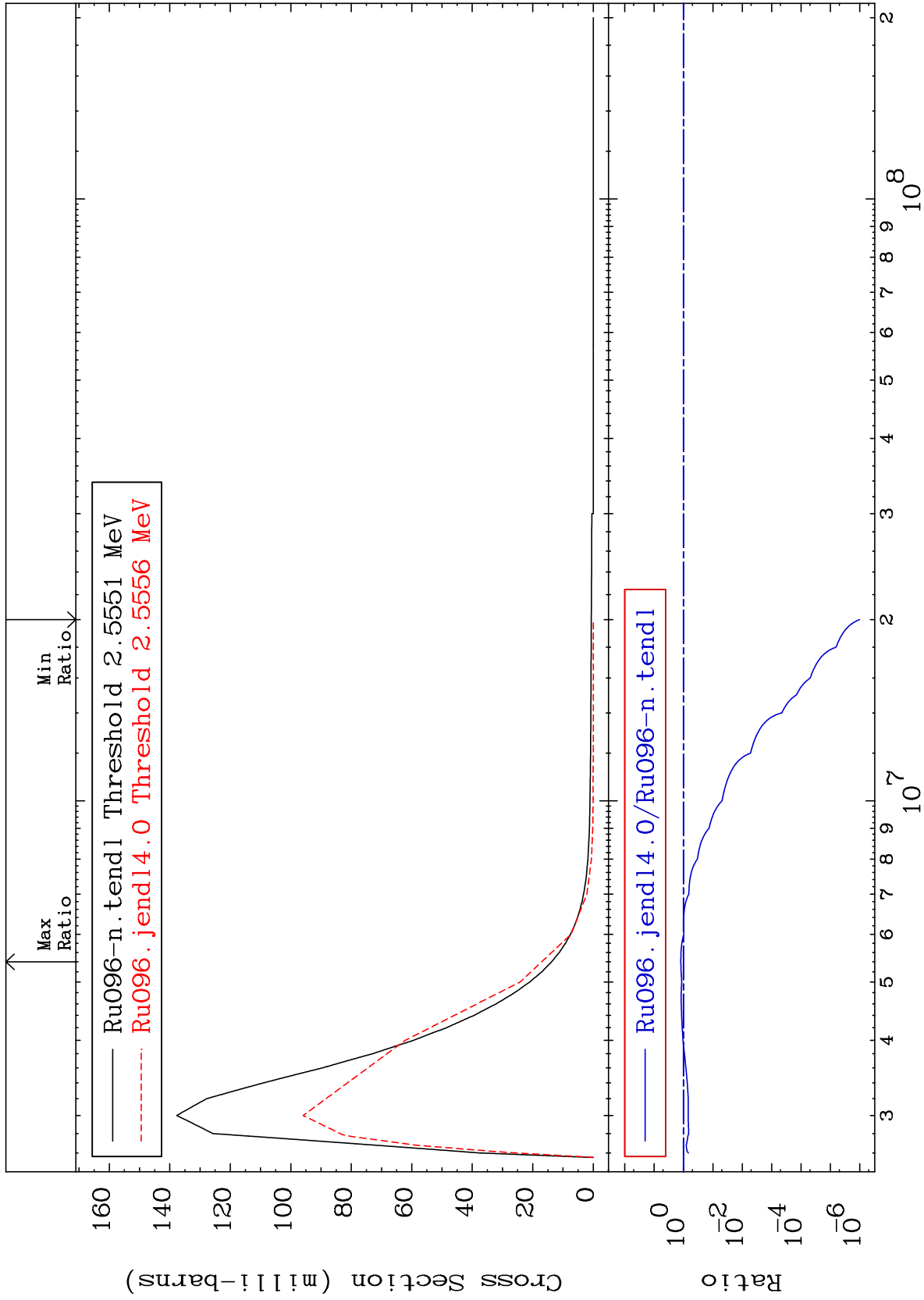
MAT 4425

2.528 MeV (n,n') Level

44-Ru-96

-100.0 To 23.98 %

Cross Section



16

Incident Energy (eV)

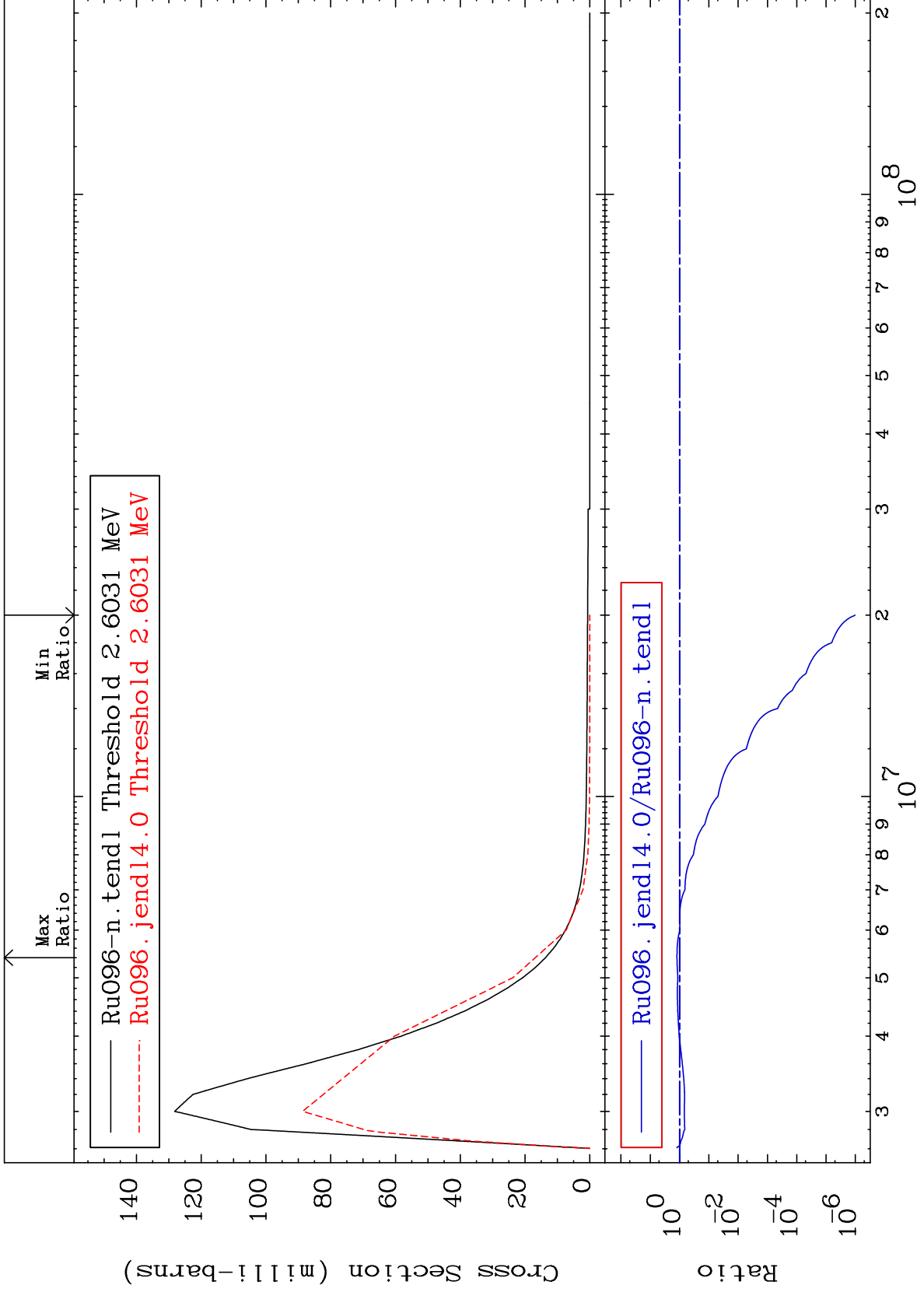
44-Ru-96



MAT 4425

2.576 MeV (n,n') Level  
Cross Section

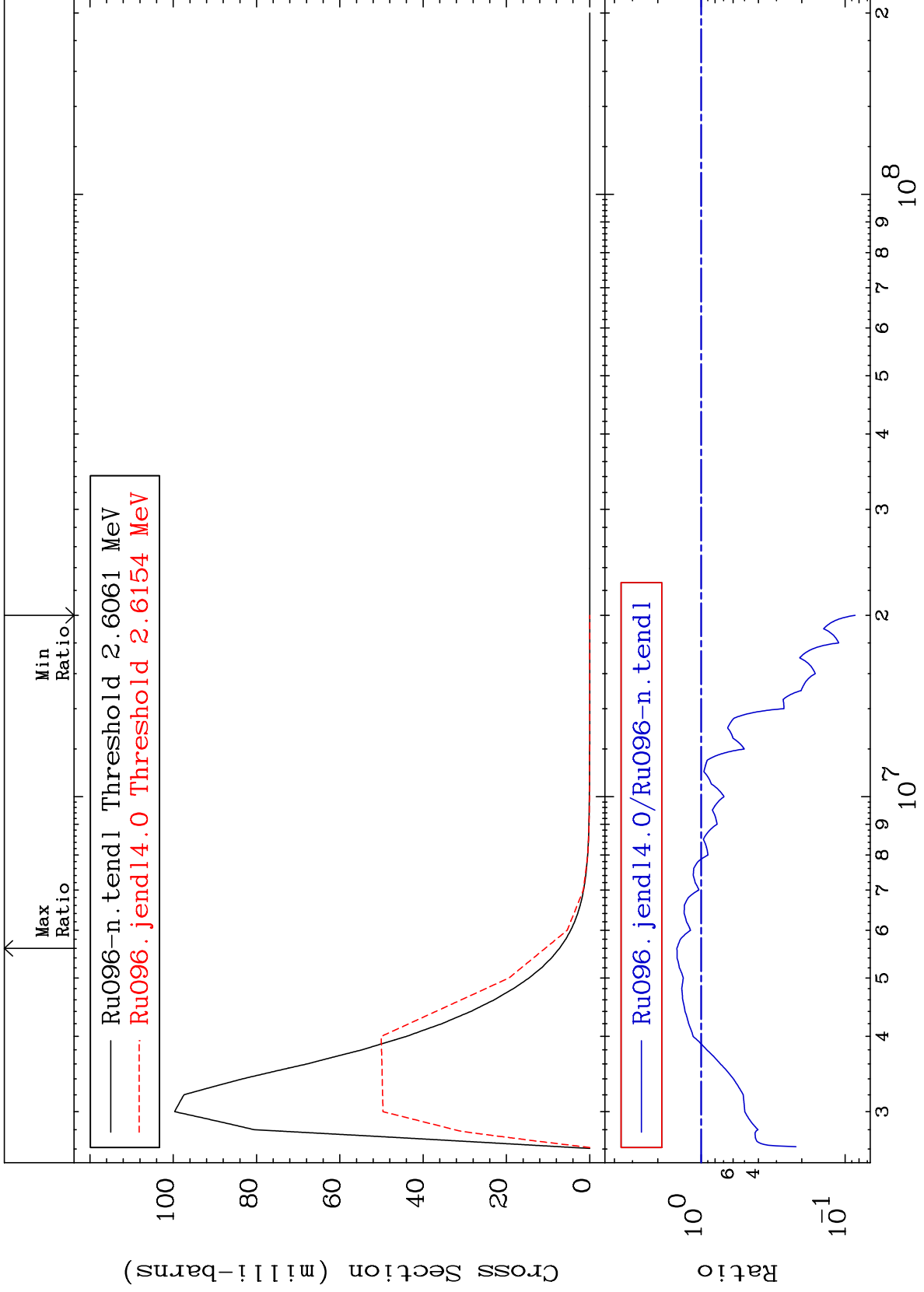
44-Ru-96  
-100.0 To 23.12 %



MAT 4425

2.579 MeV (n,n') Level  
Cross Section

44-Ru-96  
-91.47 To 47.43 %



18

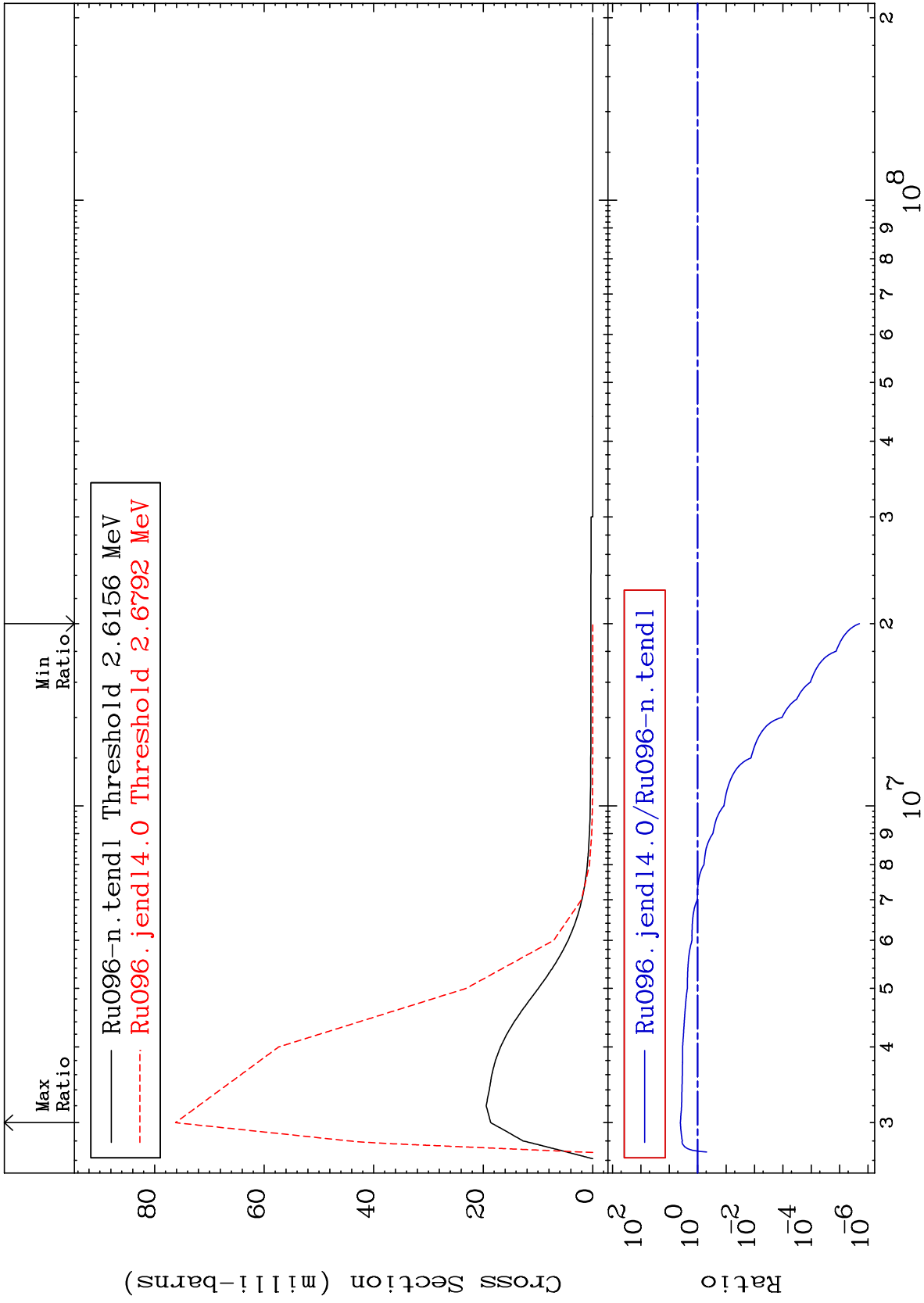
44-Ru-96

44-Ru-96

MAT 4425

2.588 MeV (n,n') Level  
Cross Section

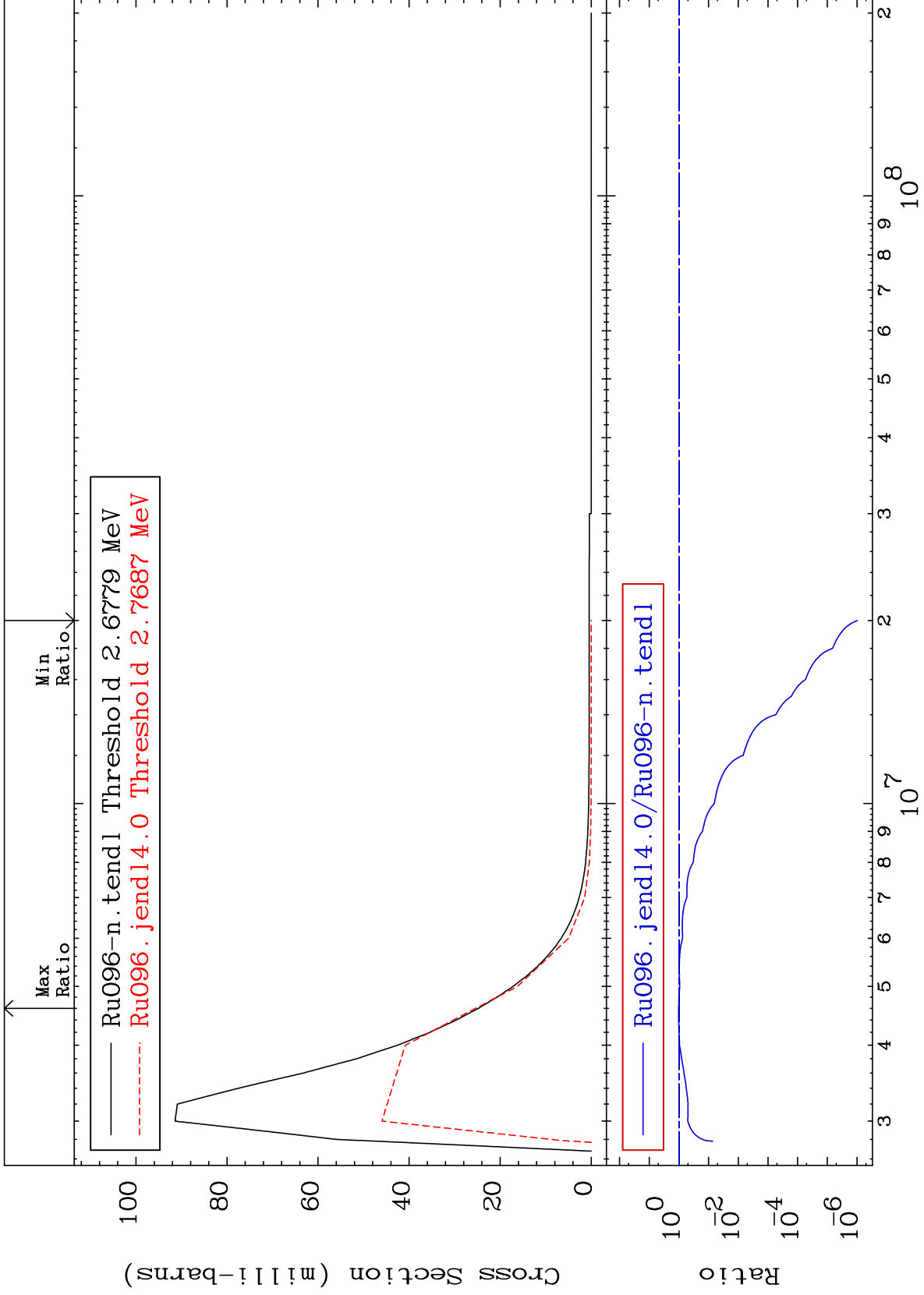
44-Ru-96  
-100.0 To 309.0 %



MAT 4425

2.650 MeV (n,n') Level  
Cross Section

44-Ru-96  
-100.0 To 2.469 %



20

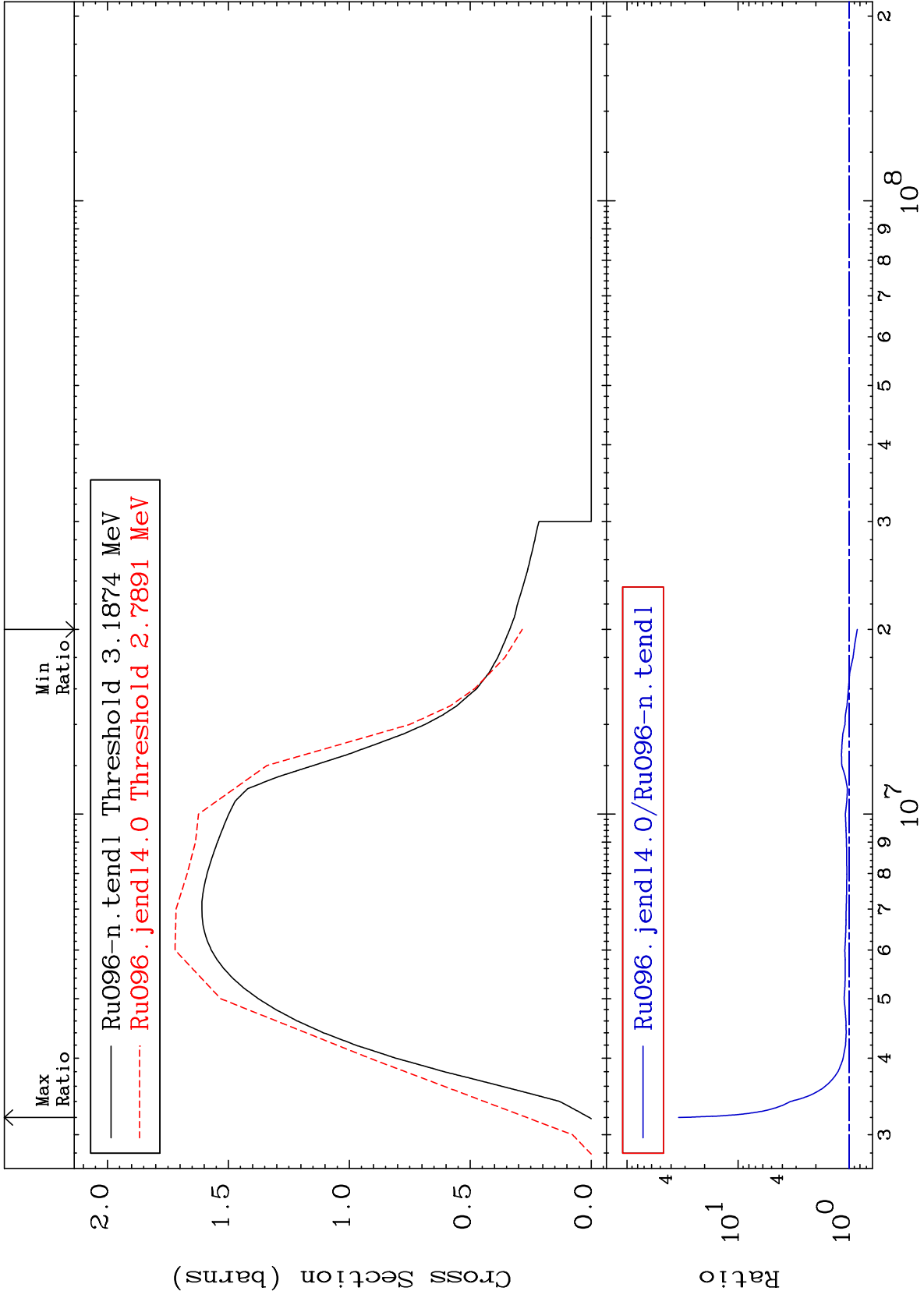
44-Ru-96

44-Ru-96

MAT 4425

(n, n') Continuum  
Cross Section

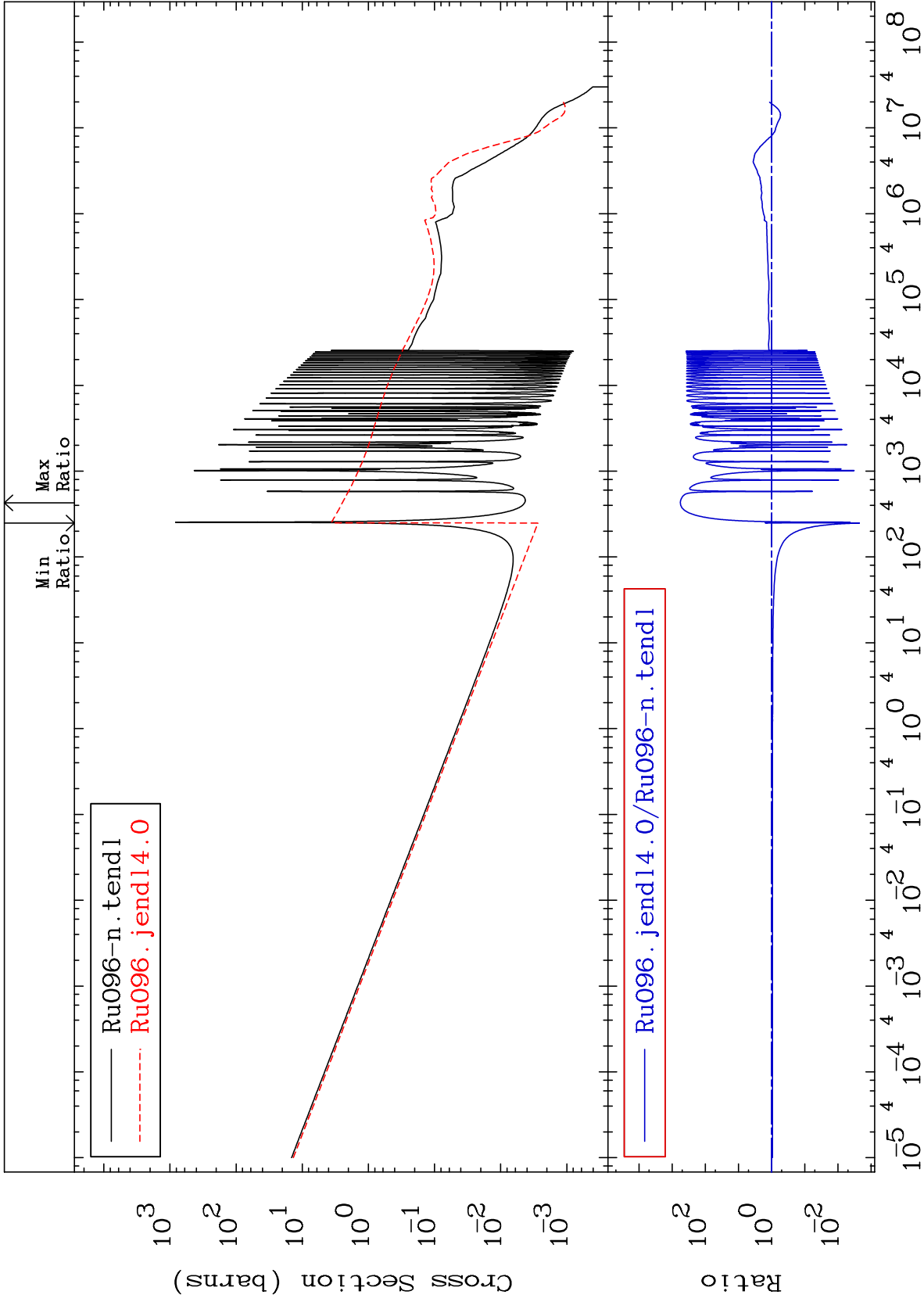
44-Ru-96  
-15.31 To 3325. %



21

Incident Energy (eV)

44-Ru-96



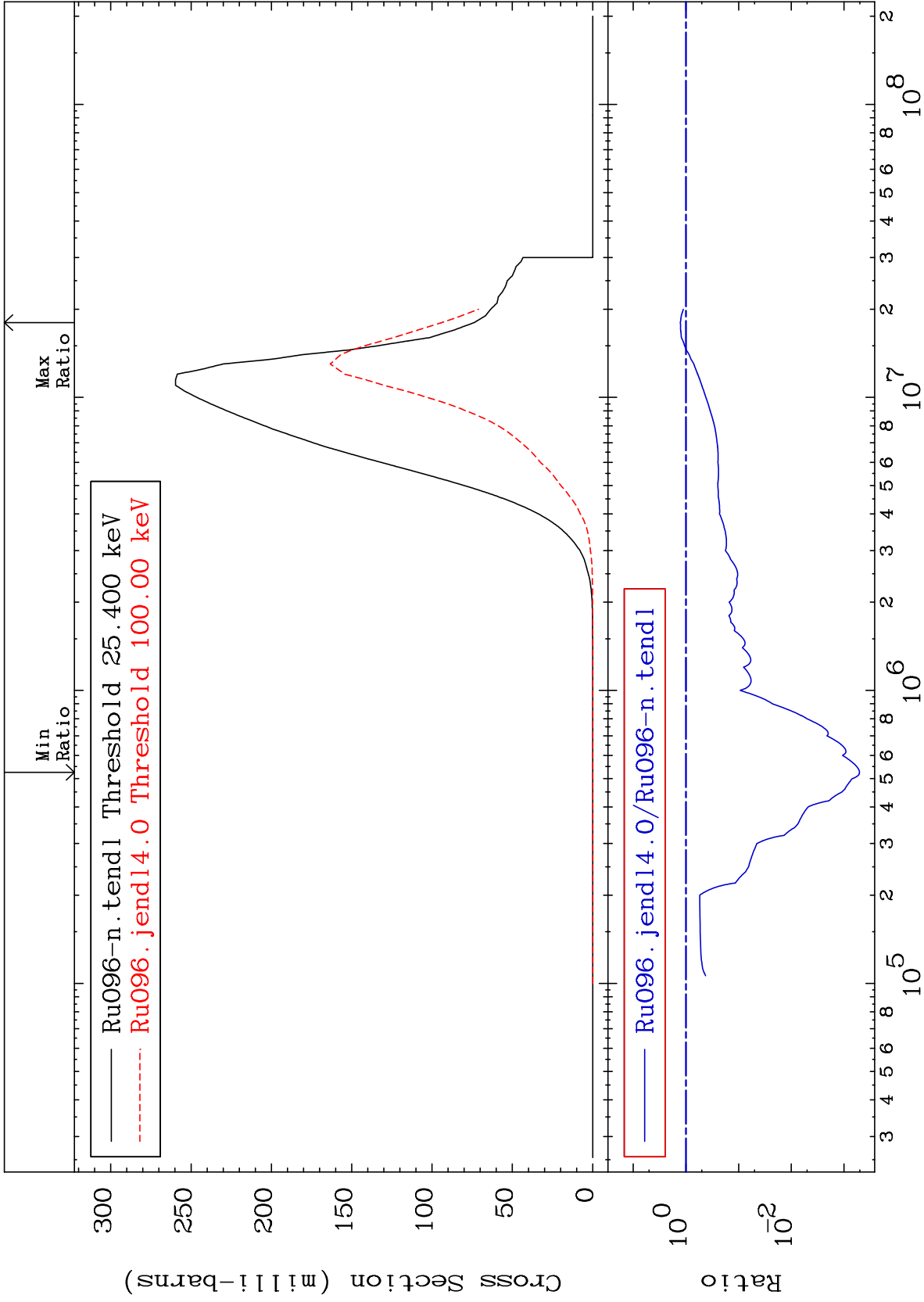
MAT 4425

(n,p)

44-Ru-96

Cross Section

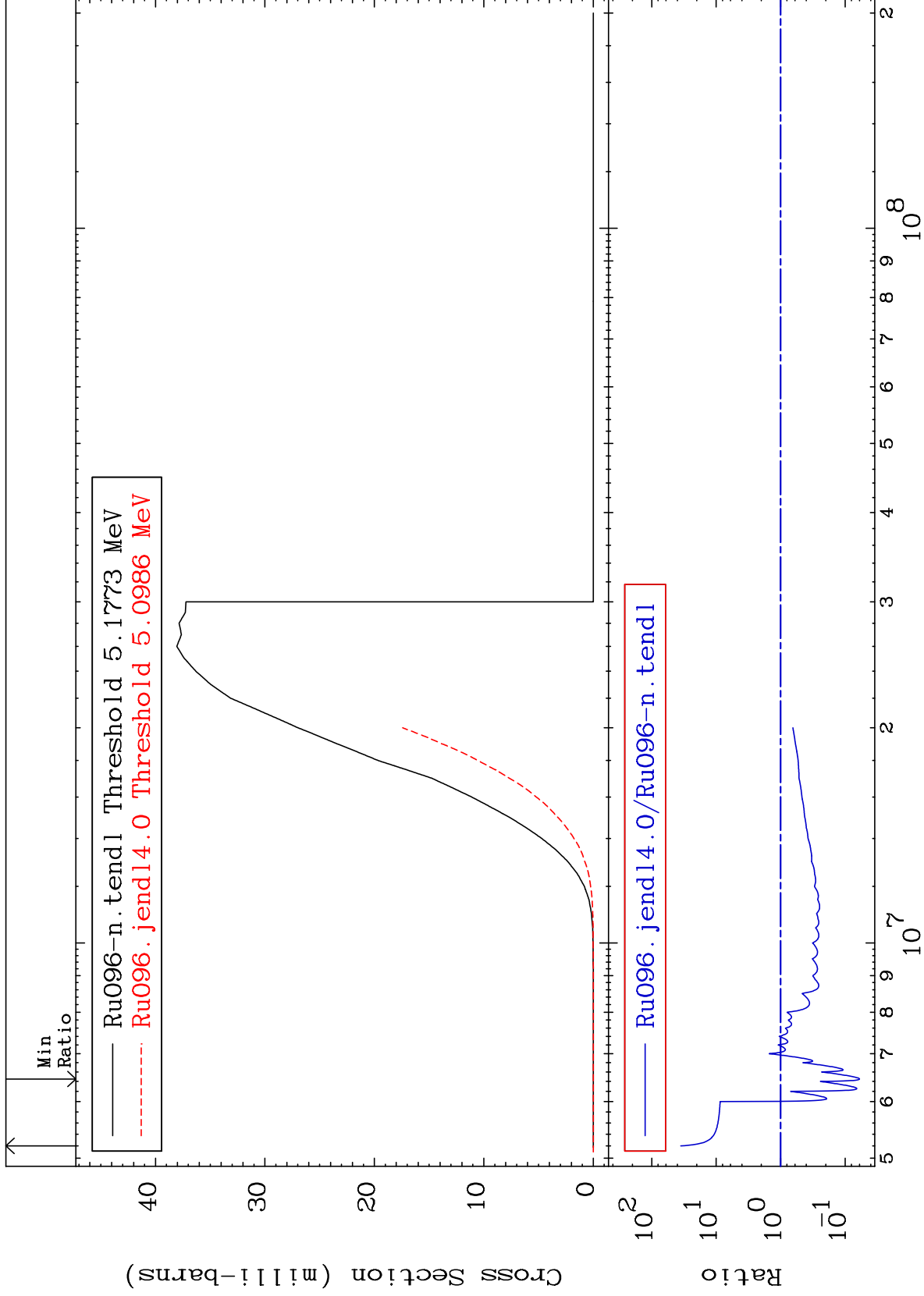
-99.95 To 27.52 %



MAT 4425

(n, d)  
Cross Section

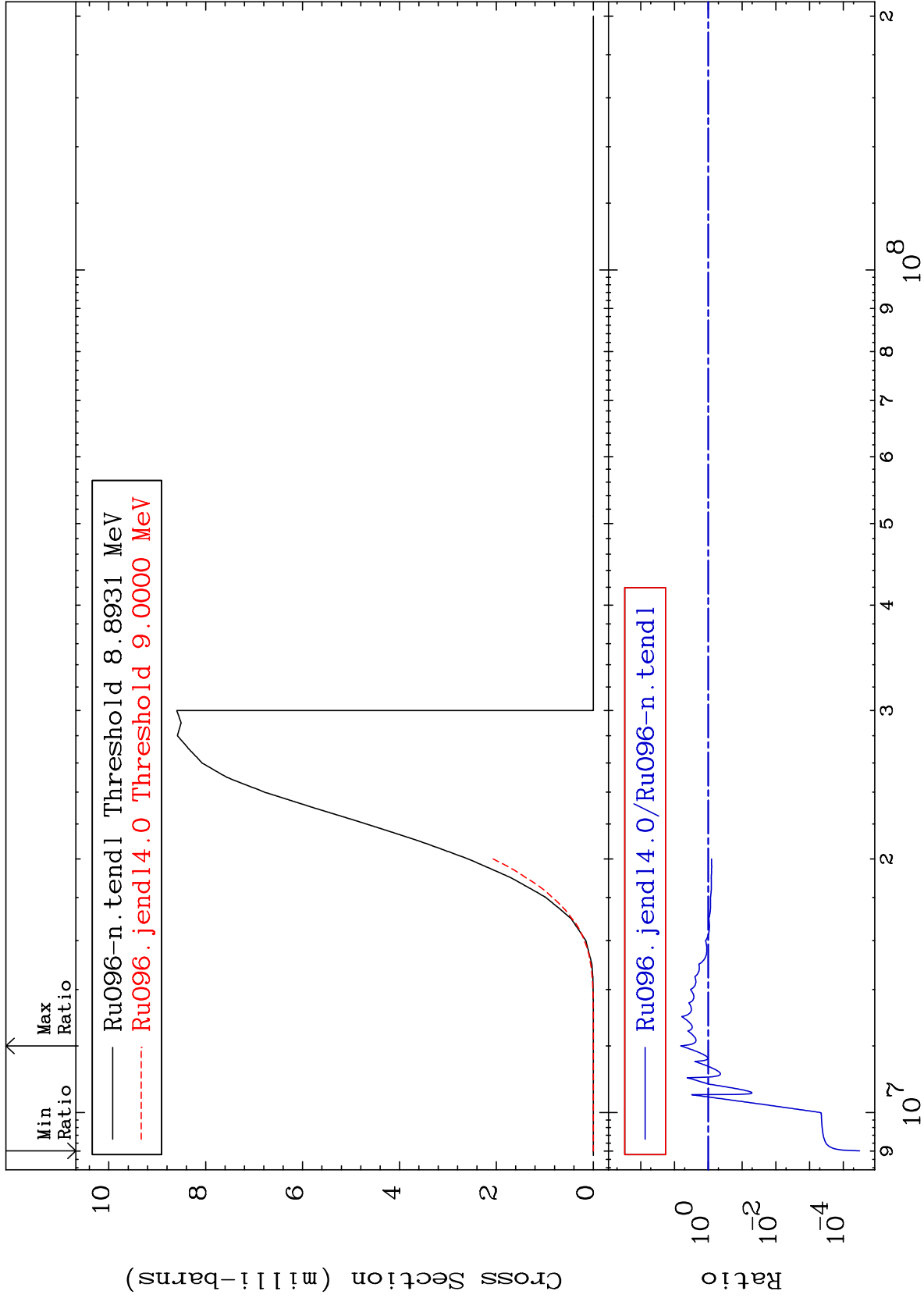
44-Ru-96  
-94.02 To 3446. %





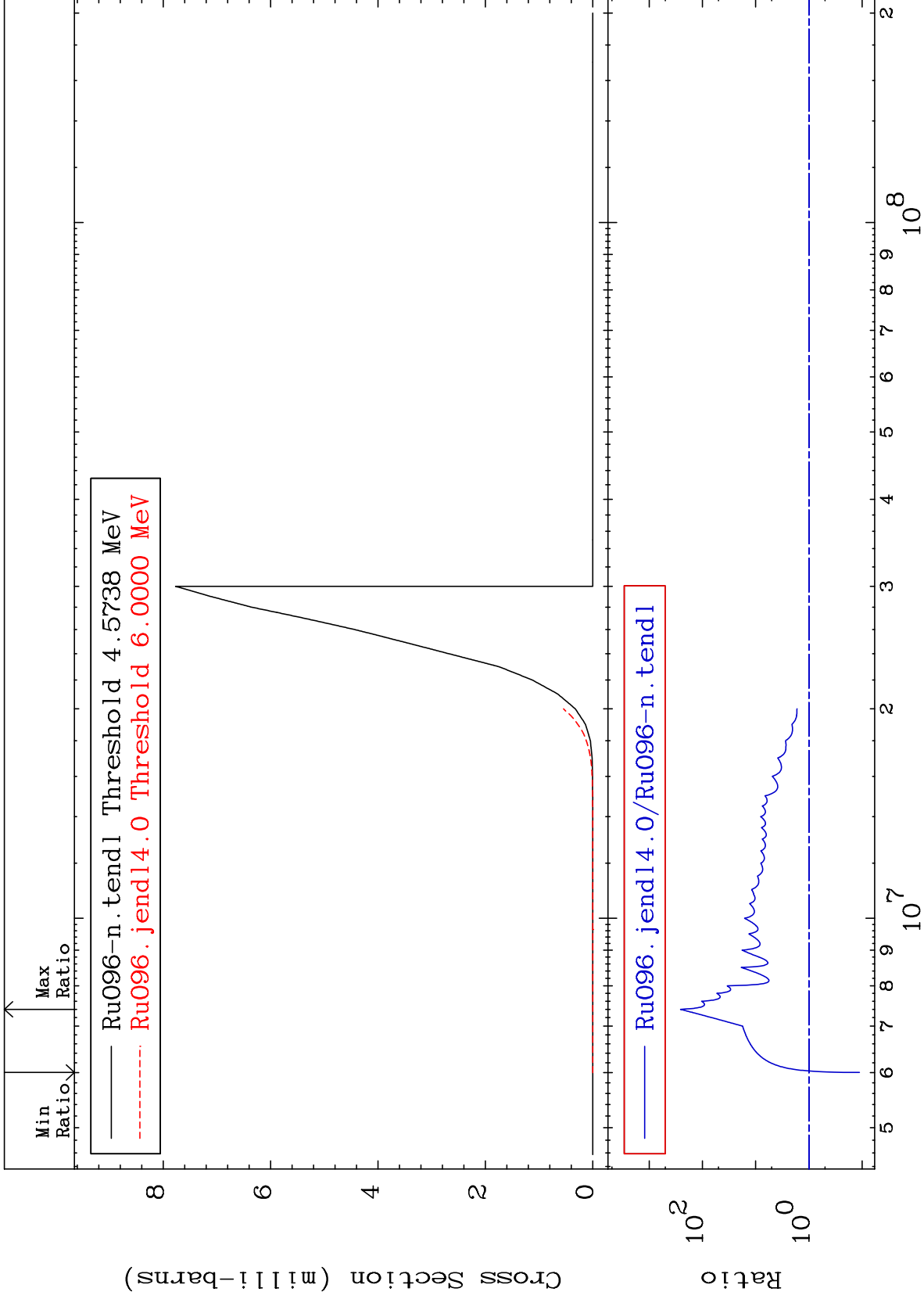
Cross Section

-100.0 To 550.1 %



Cross Section

-88.76 To 9999. %



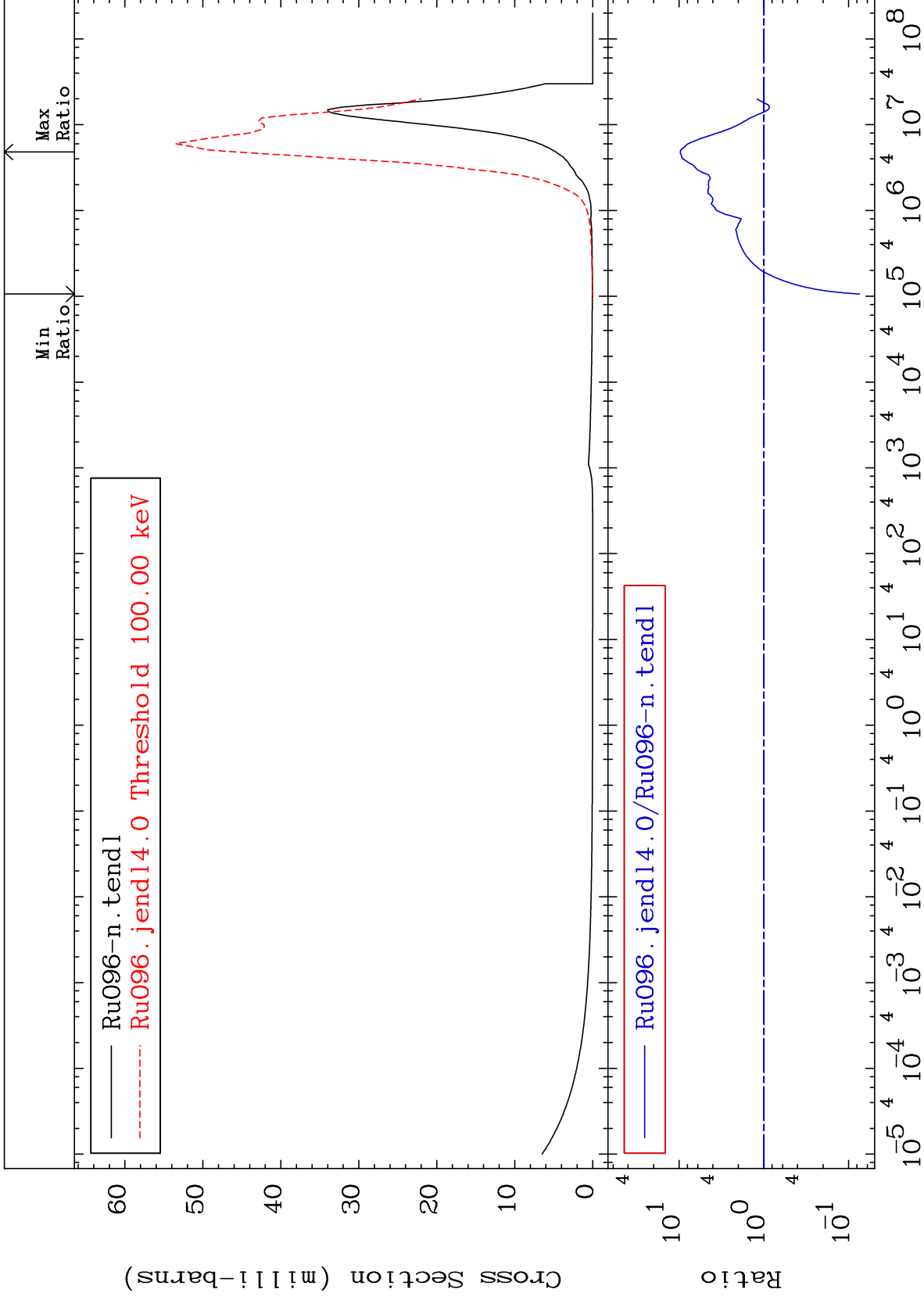
MAT 4425

(n,  $\alpha$ )

44-Ru-96

Cross Section

-92.54 To 866.3 %



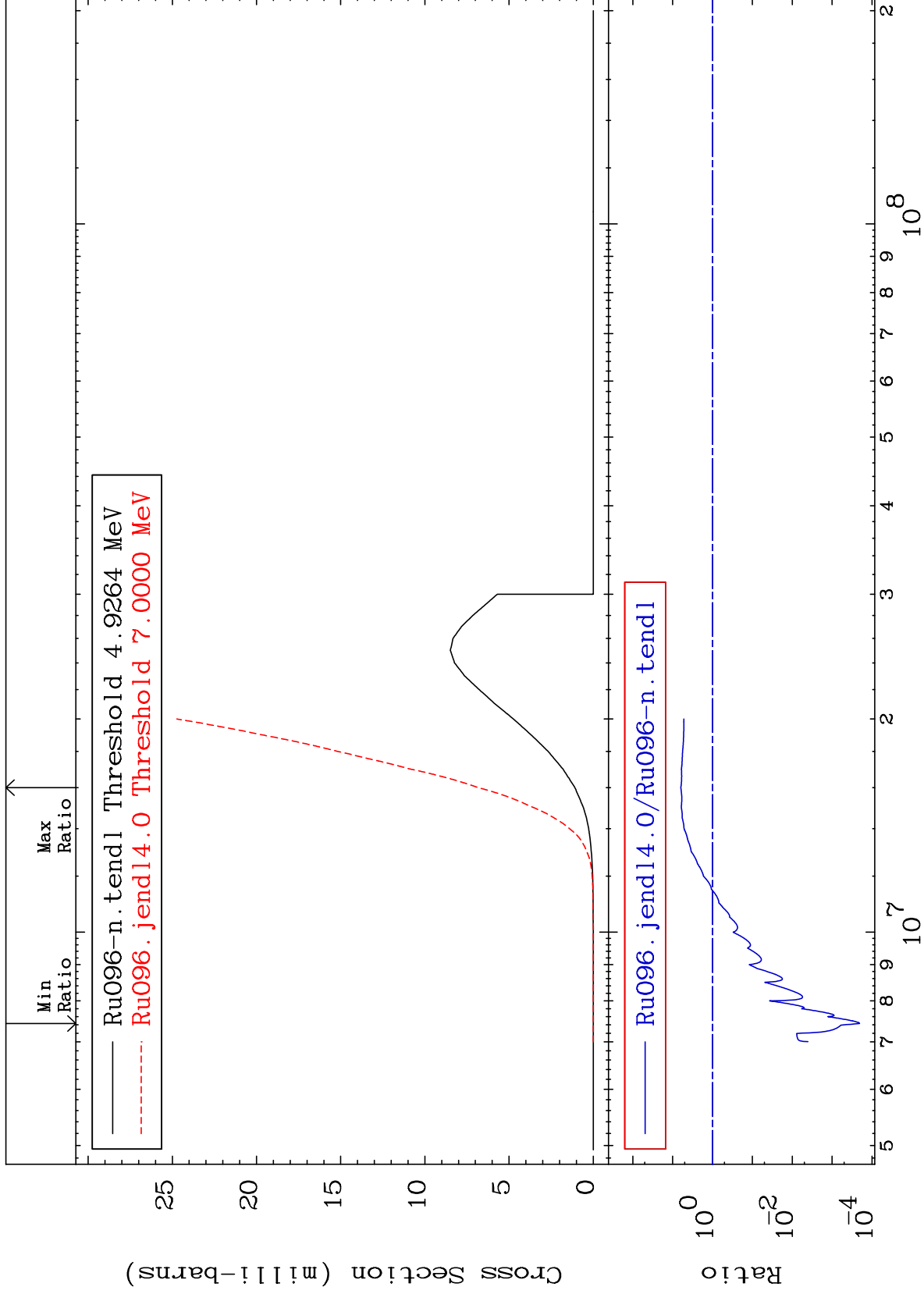
27

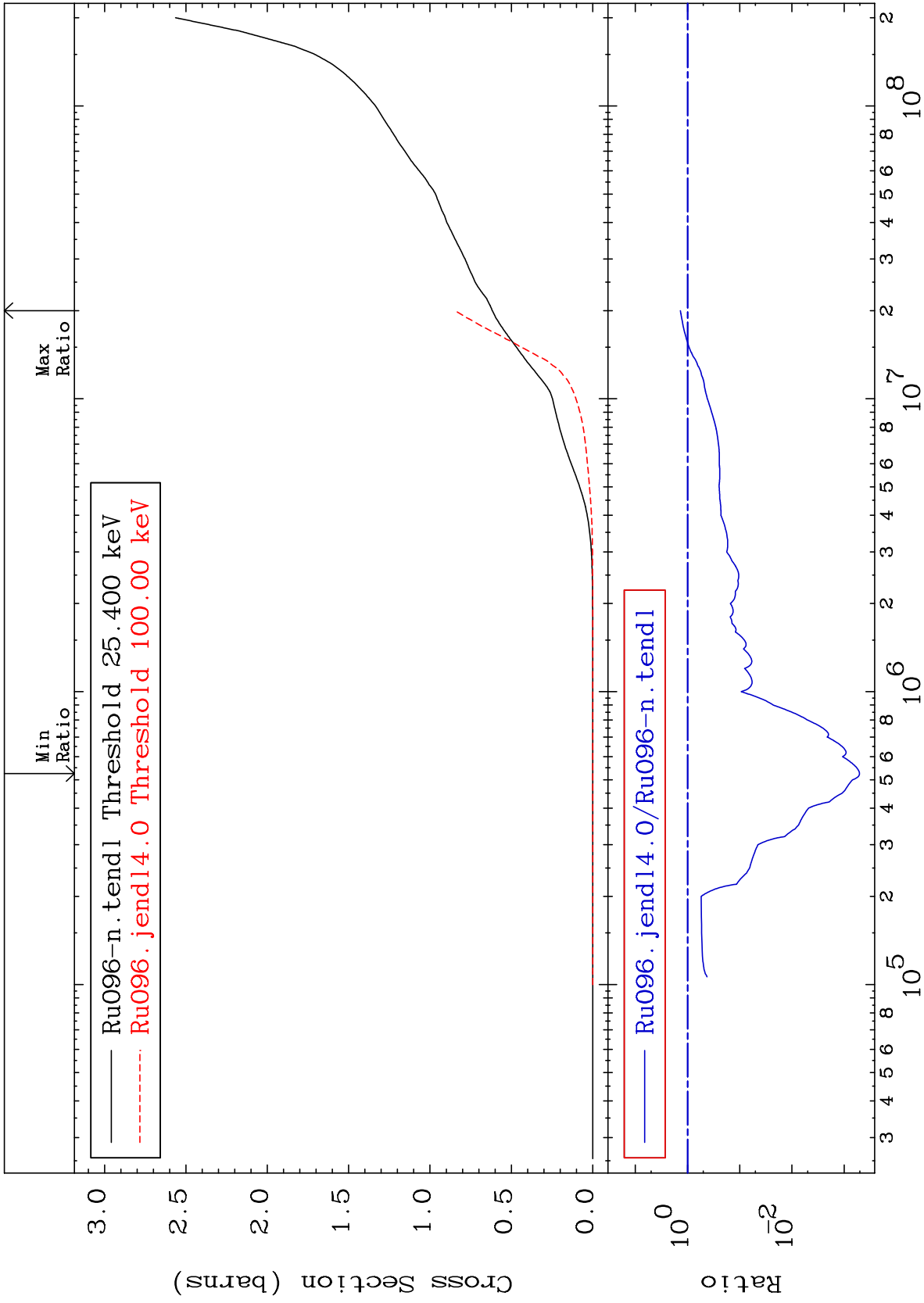
Incident Energy (eV)

44-Ru-96

Cross Section

-99.98 To 526.2 %

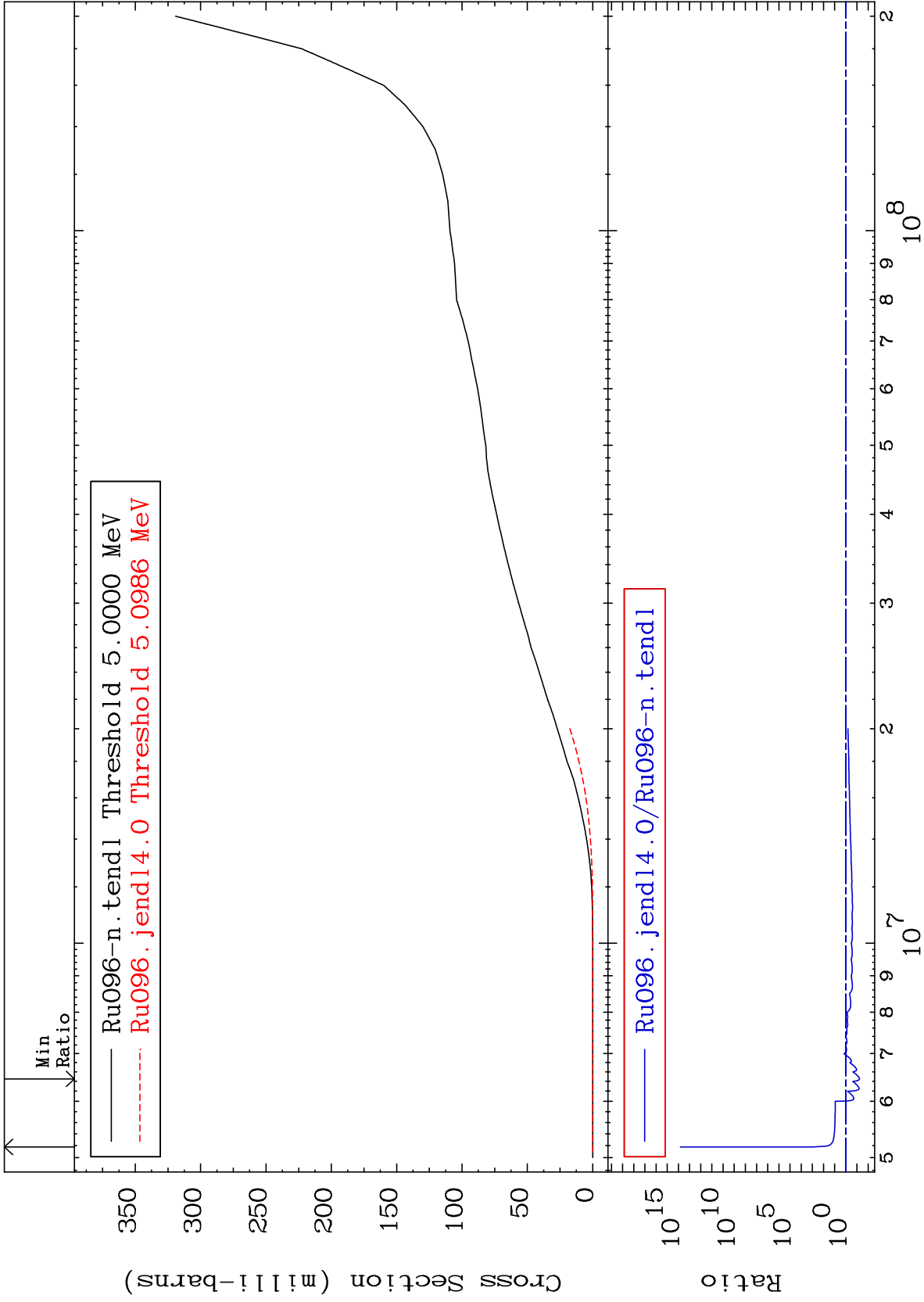




MAT 4425

Deuterium Production  
Cross Section

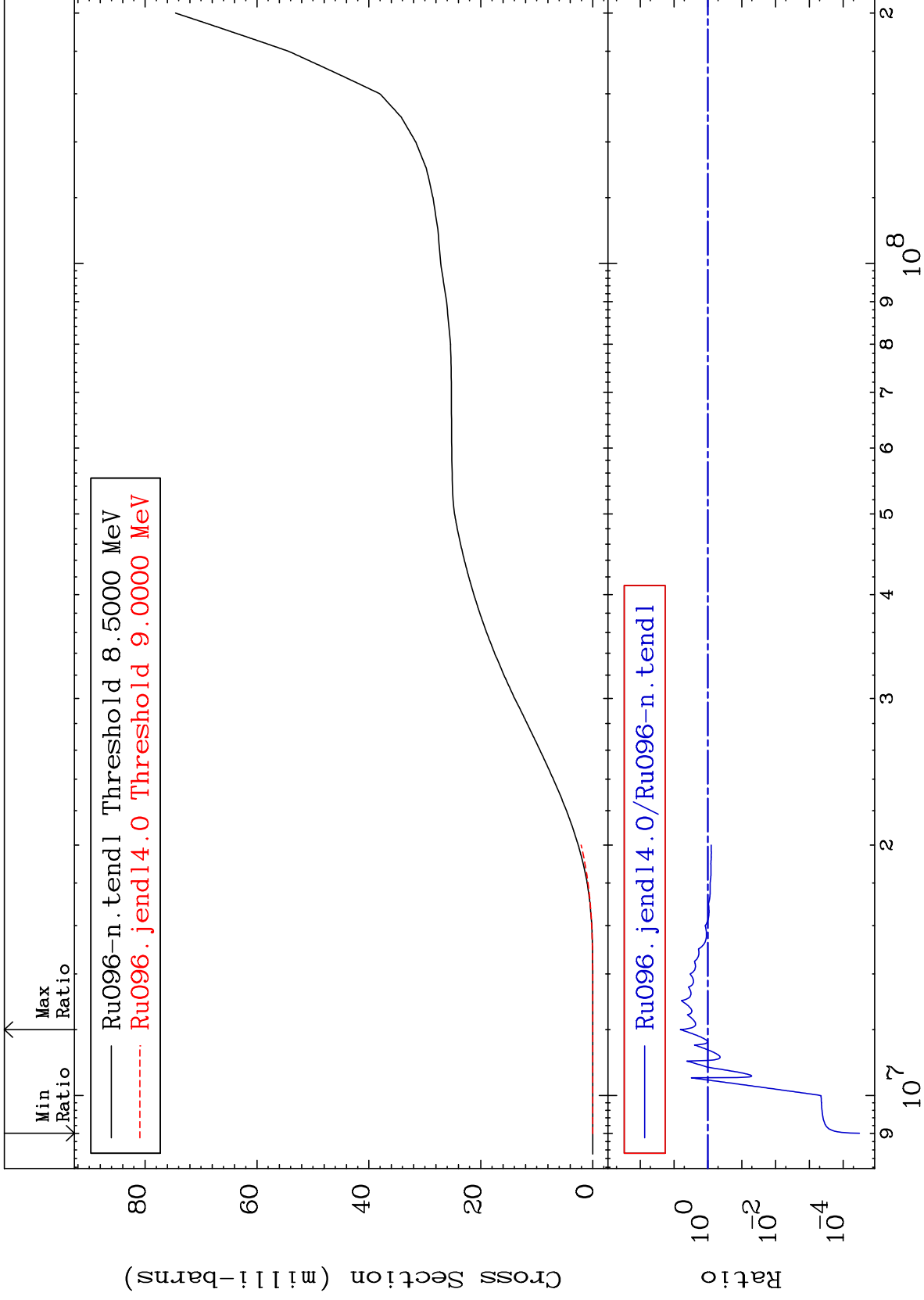
44-Ru-96  
-94.02 To 9999. %

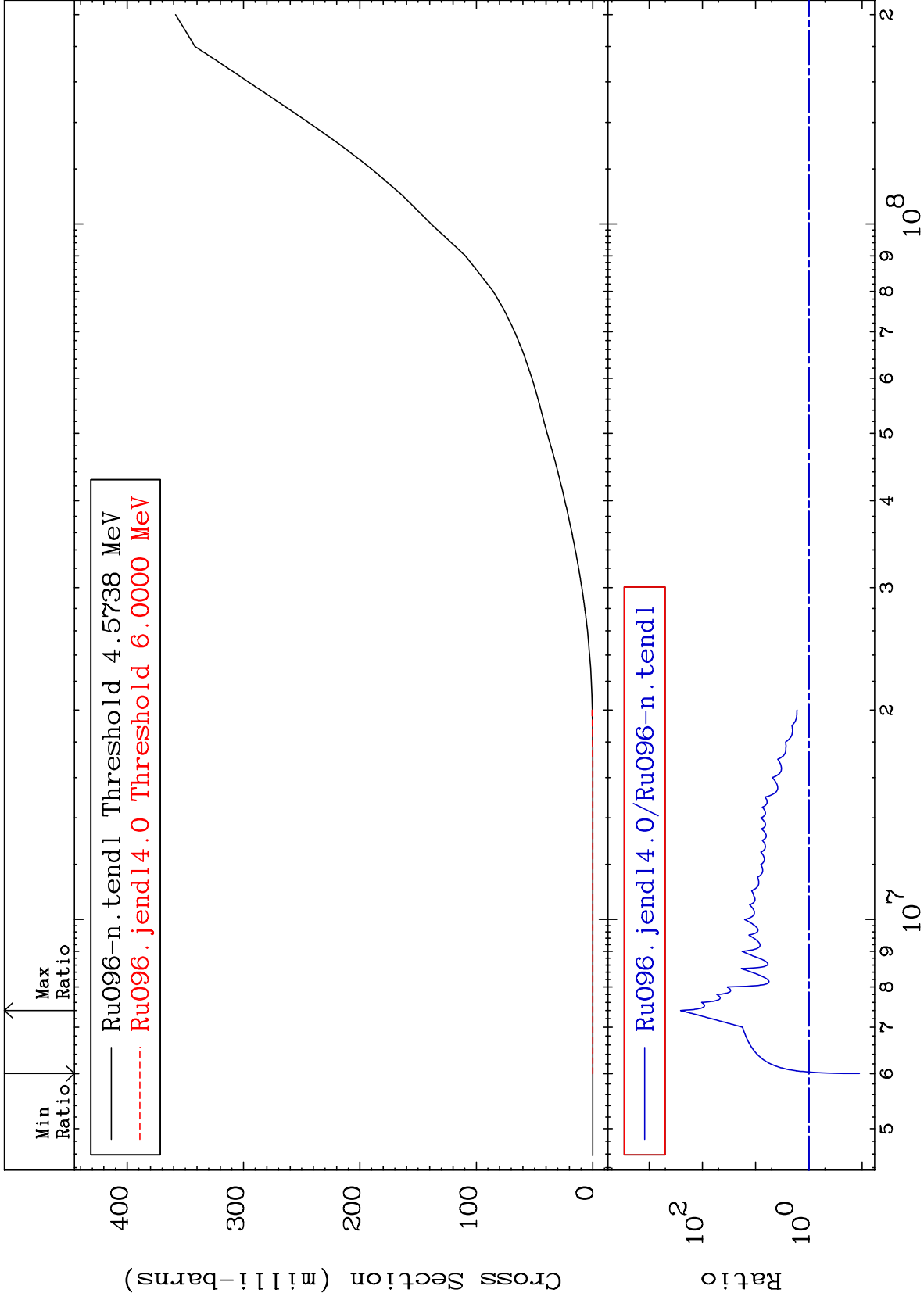


30

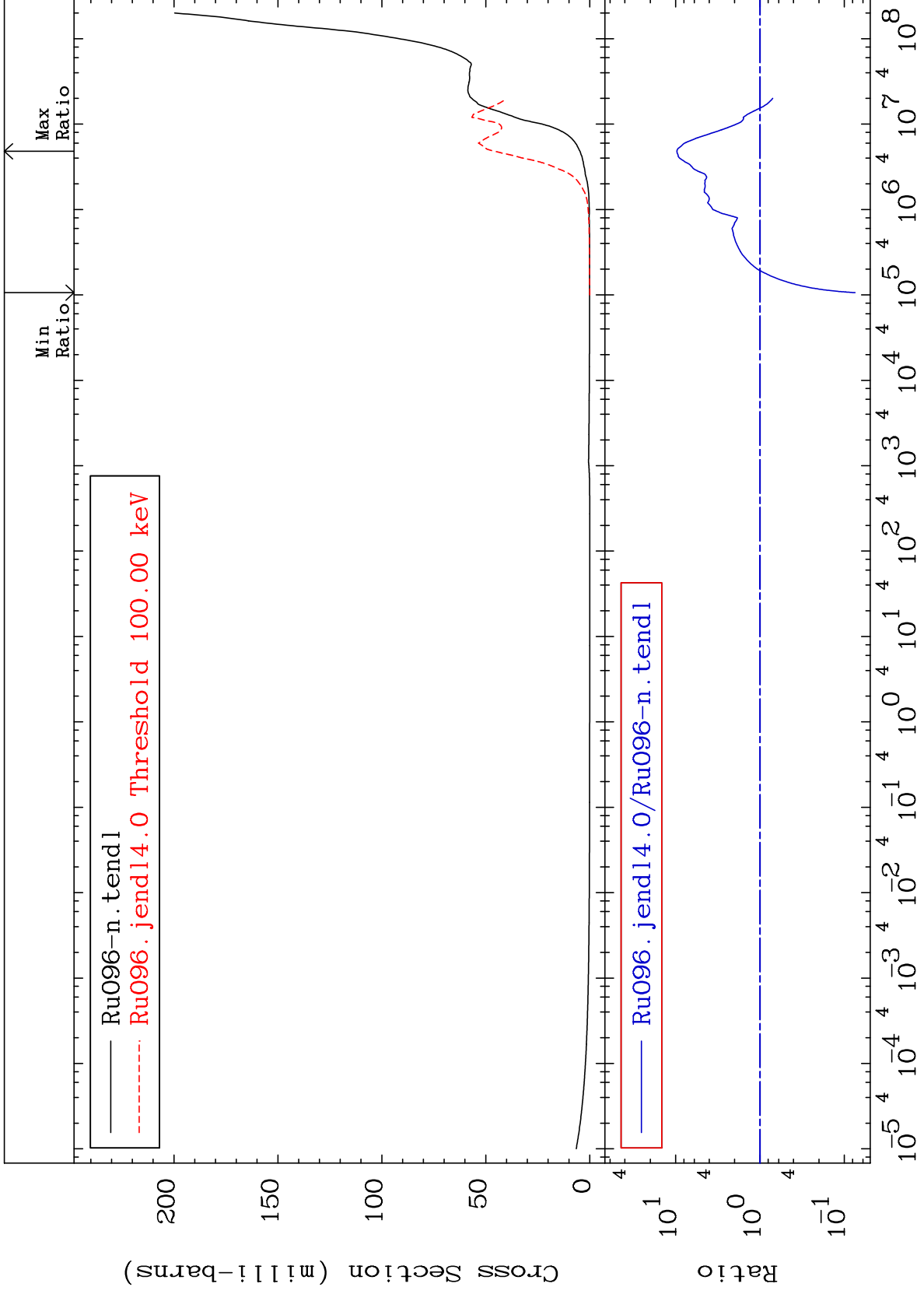
Incident Energy (eV)

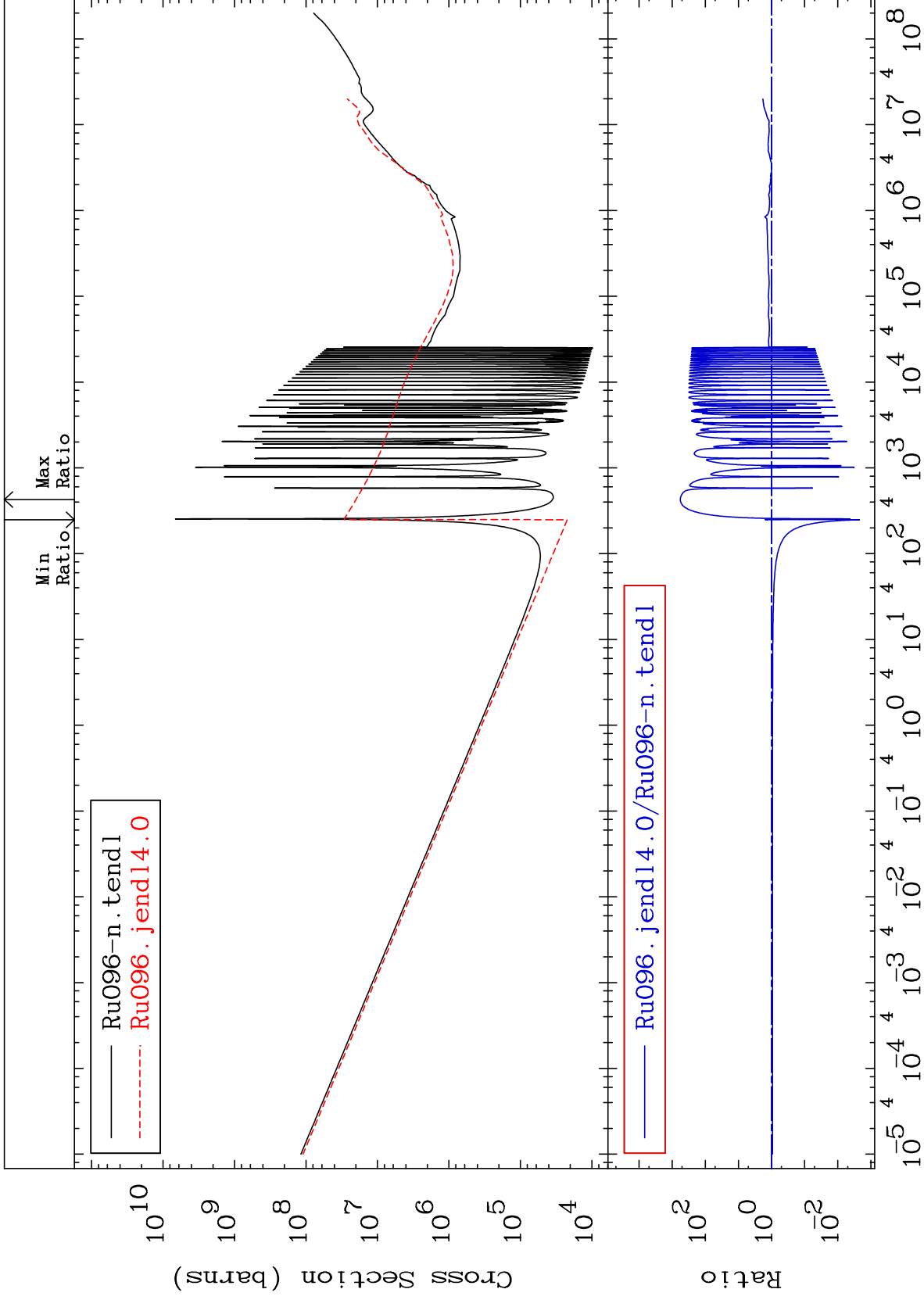
44-Ru-96

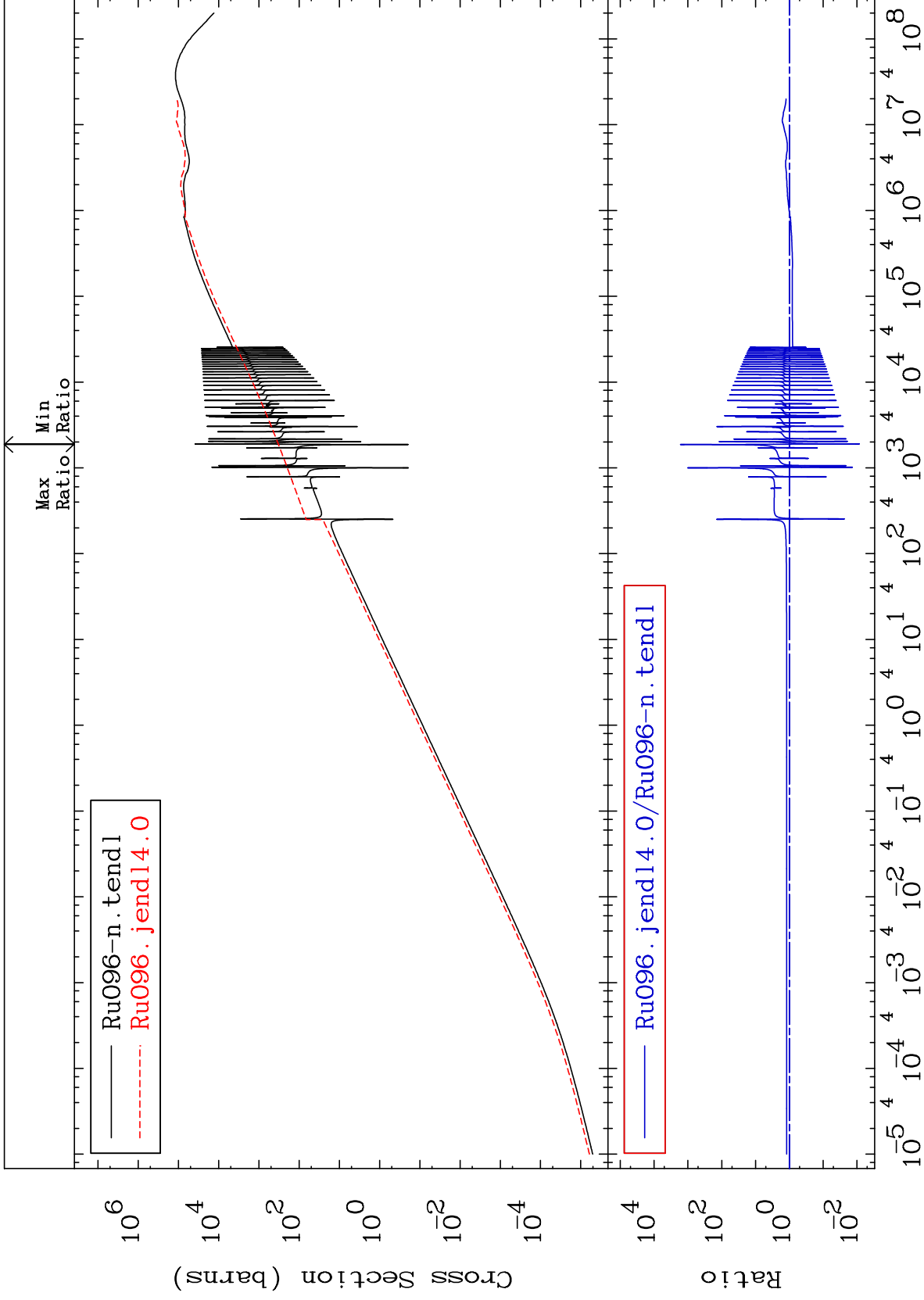


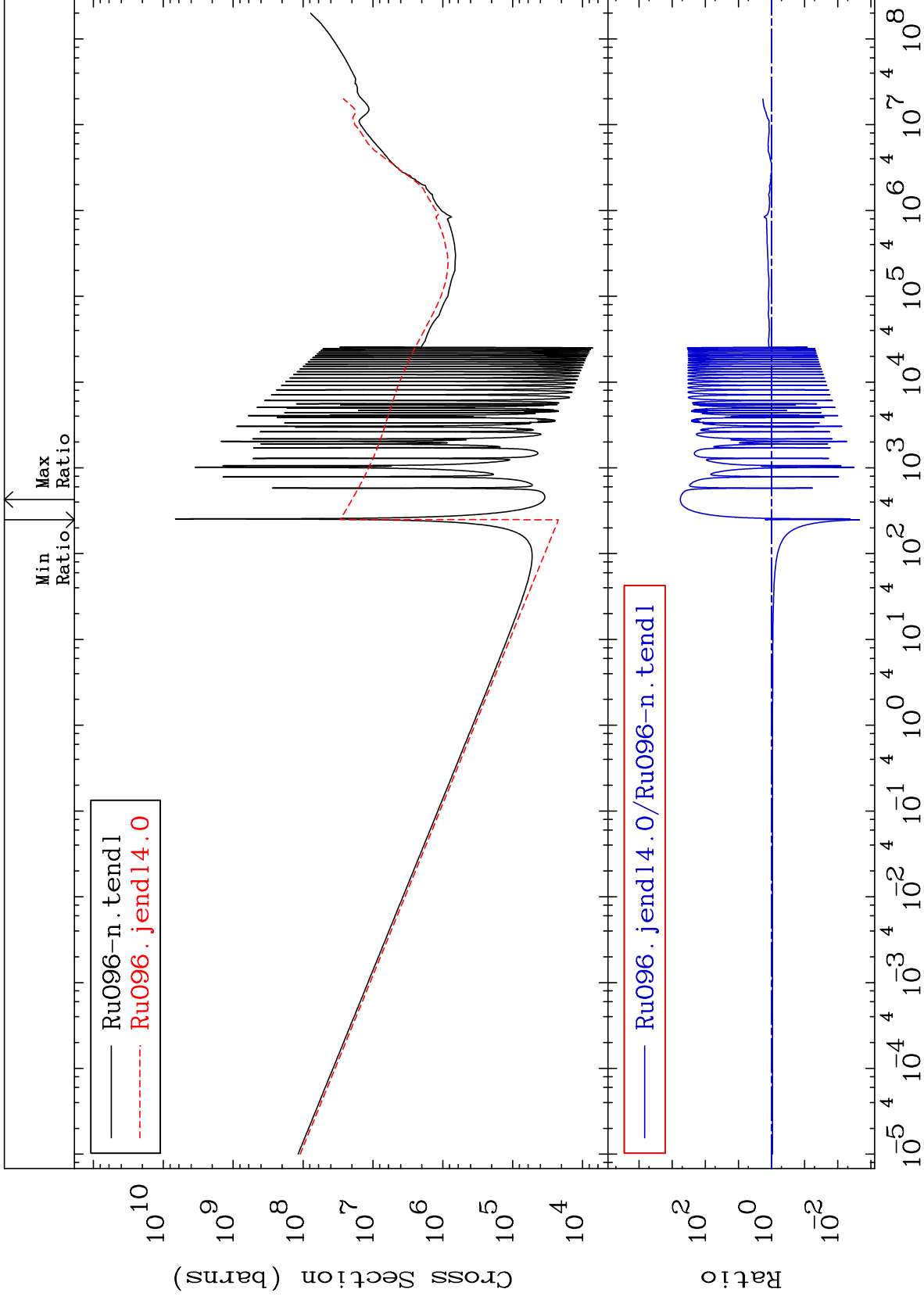


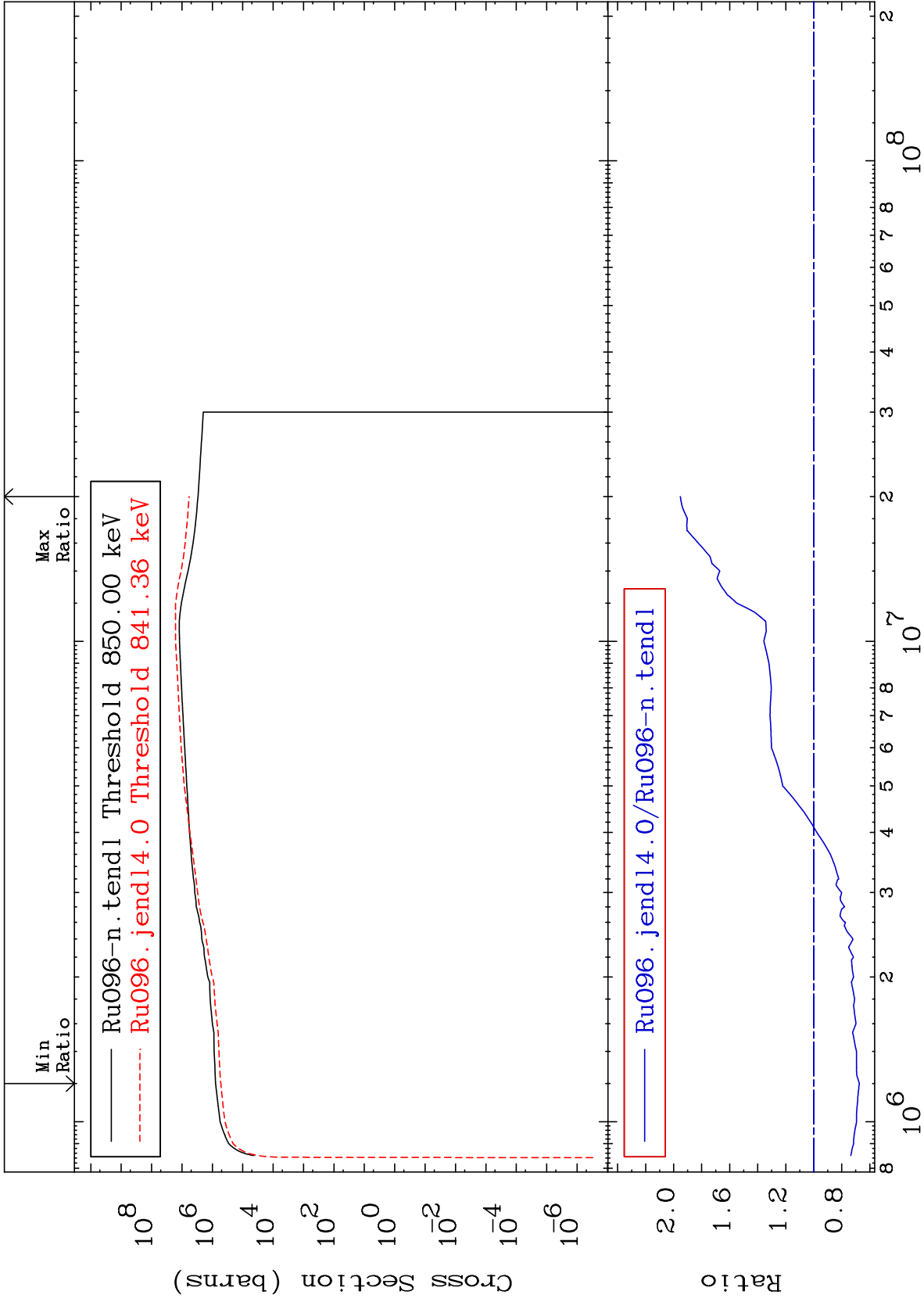








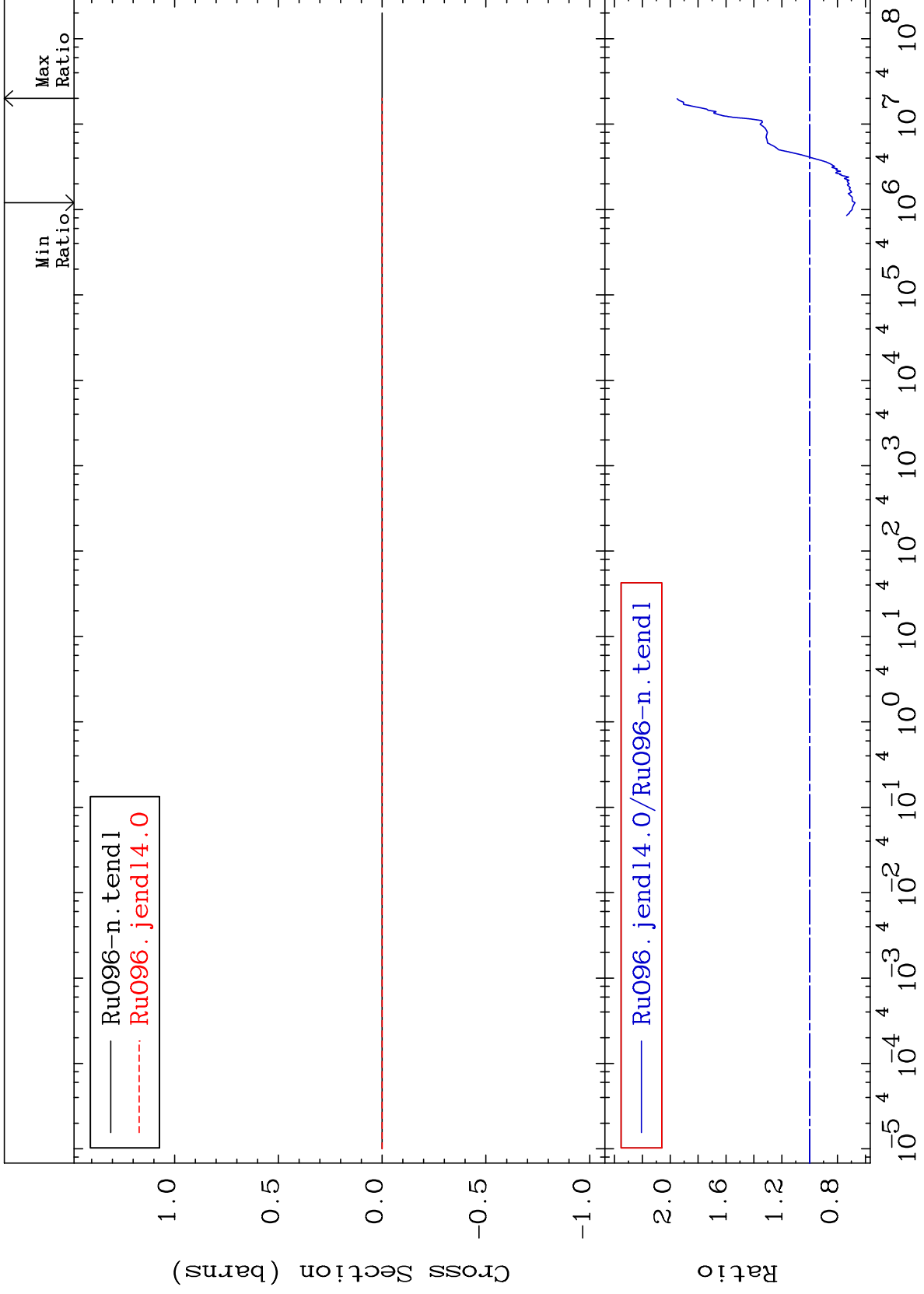




MAT 4425

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

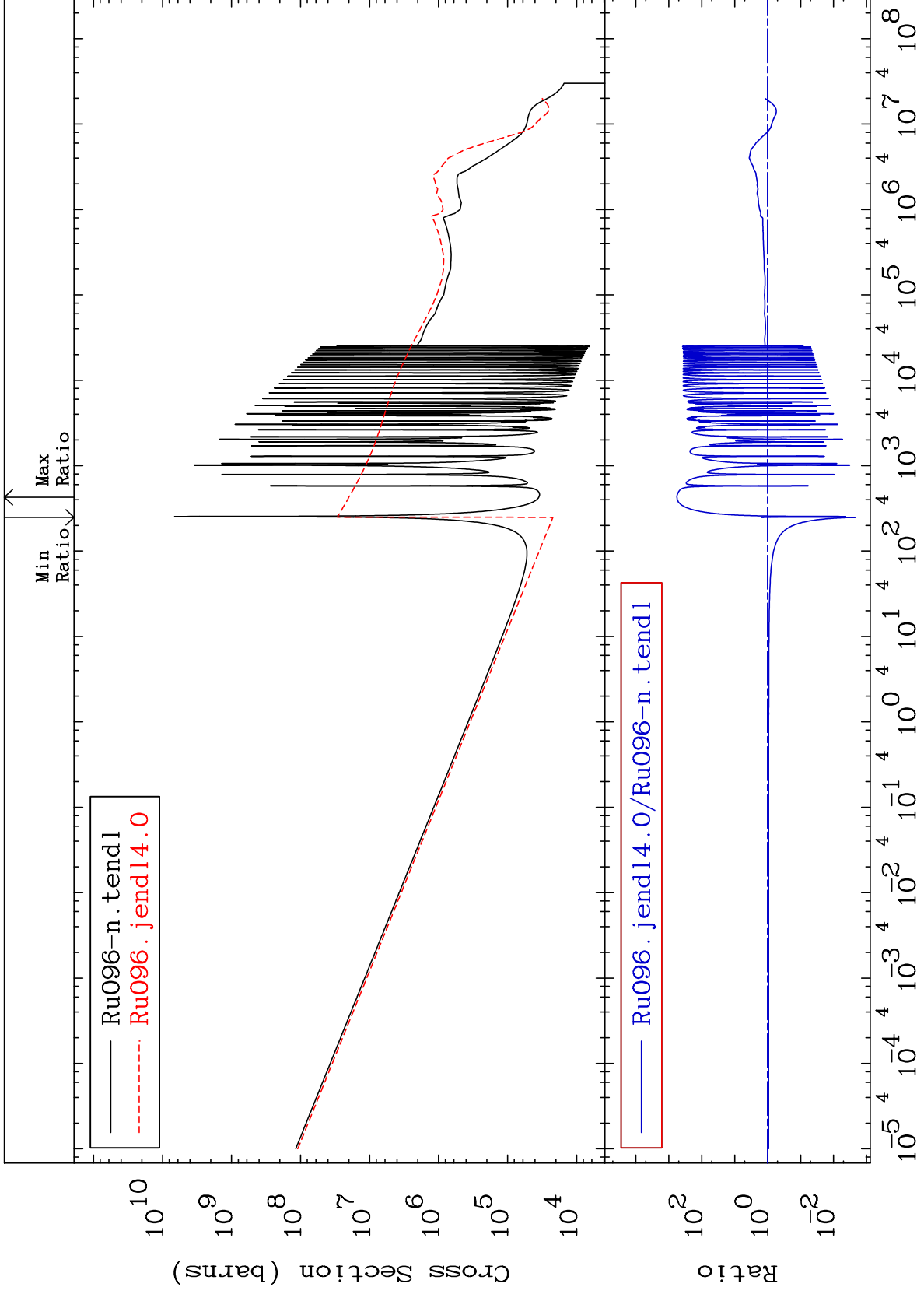
44-Ru-96  
-32.62 To 95.22 %

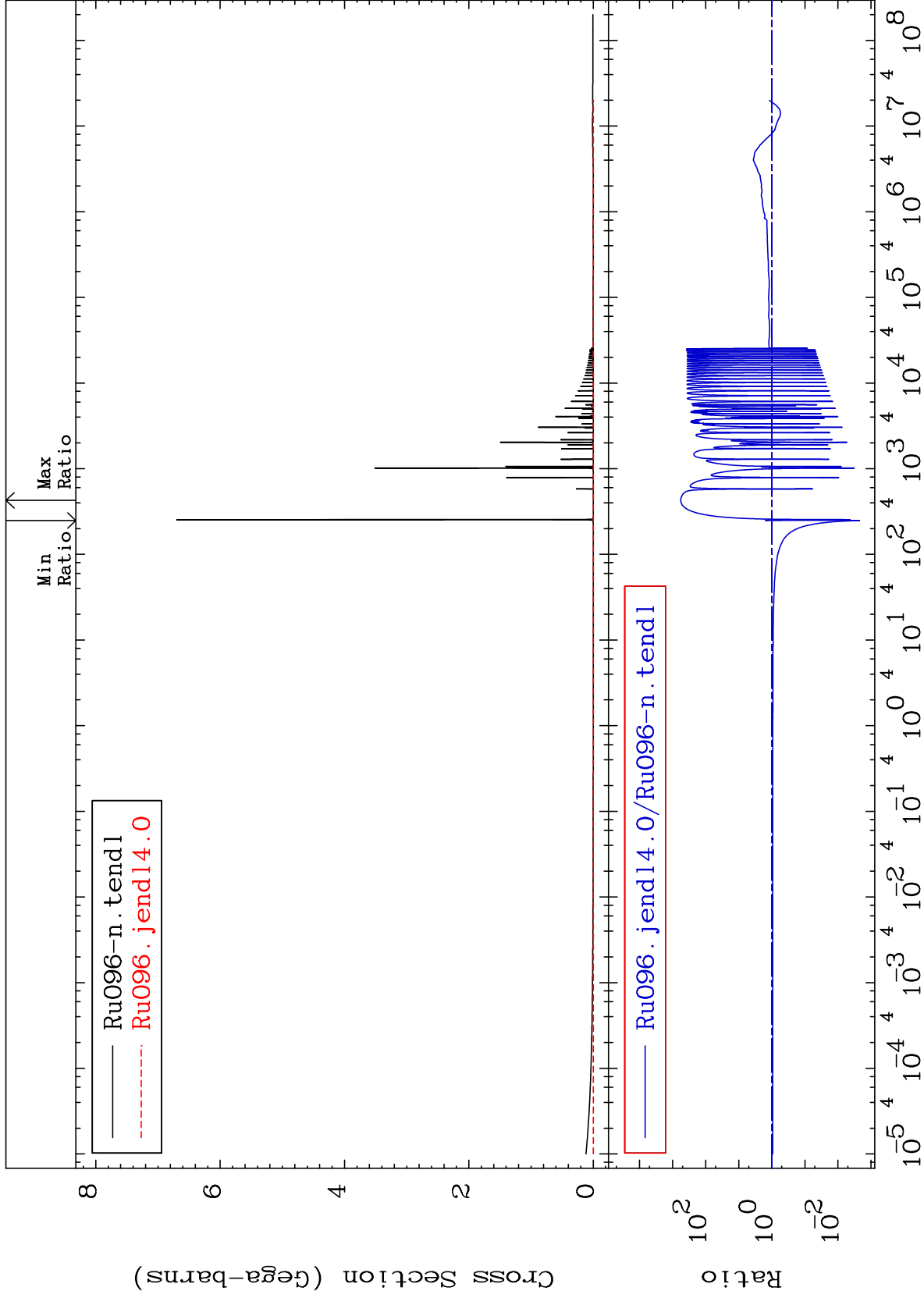


38

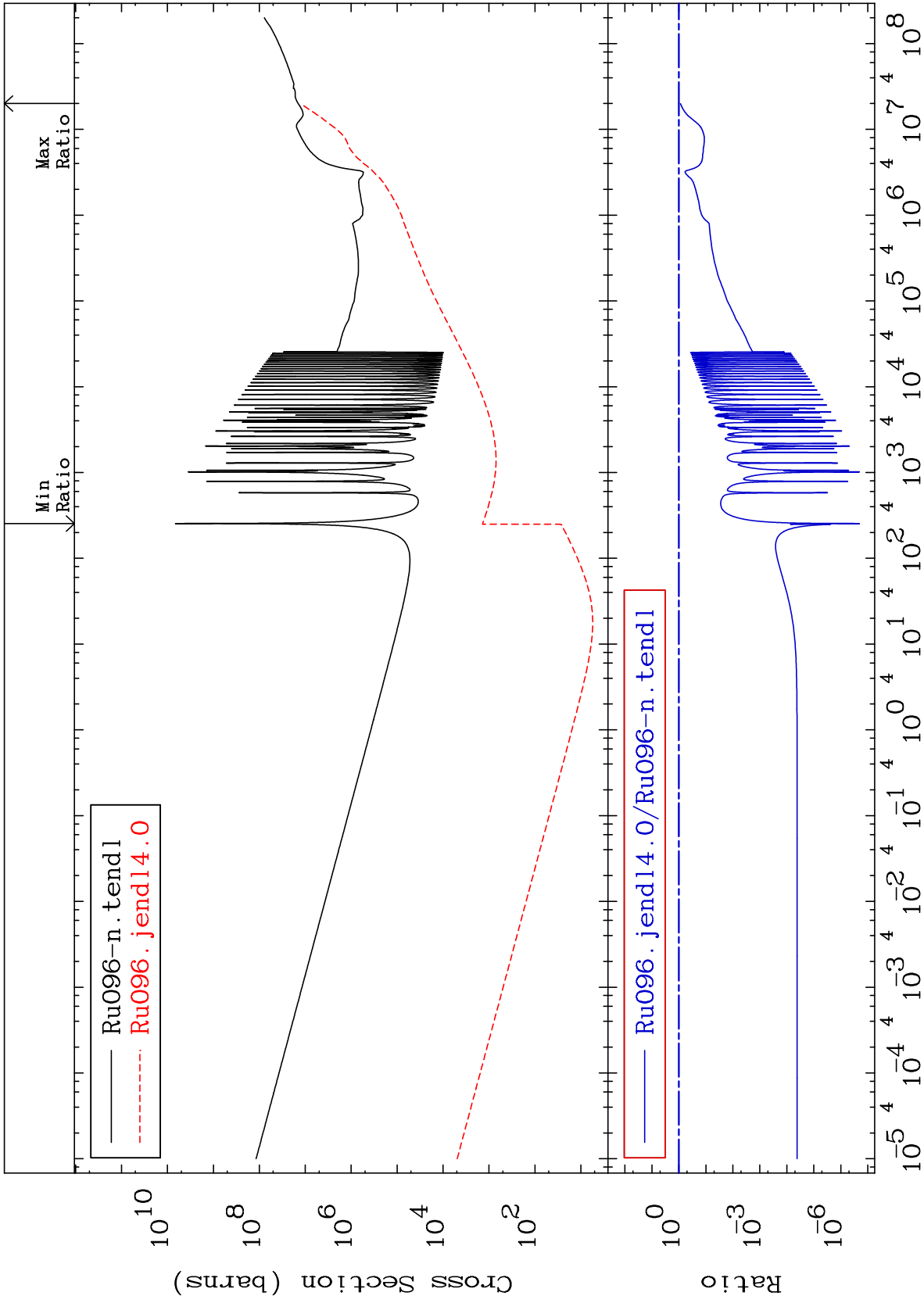
Incident Energy (eV)

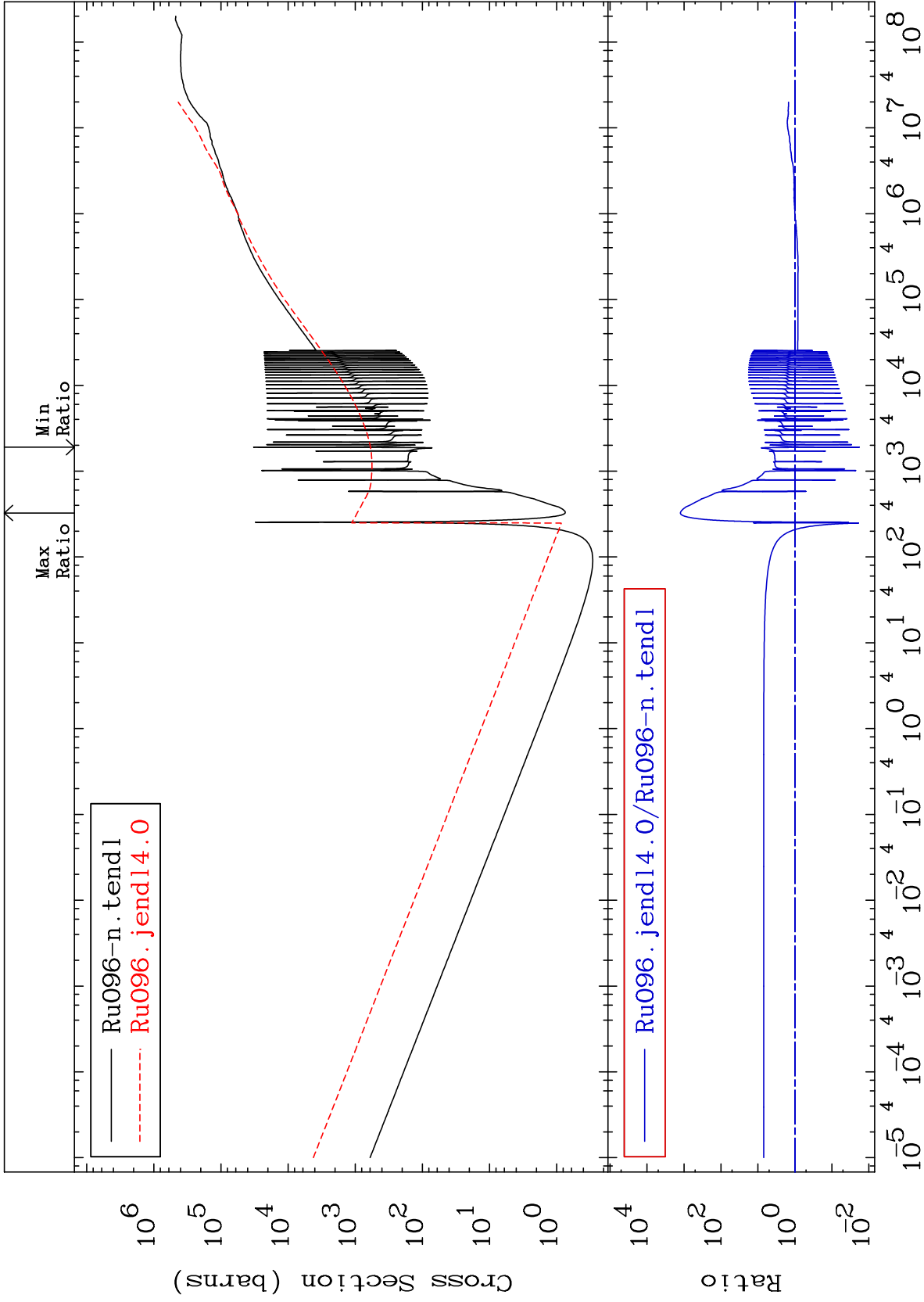
44-Ru-96

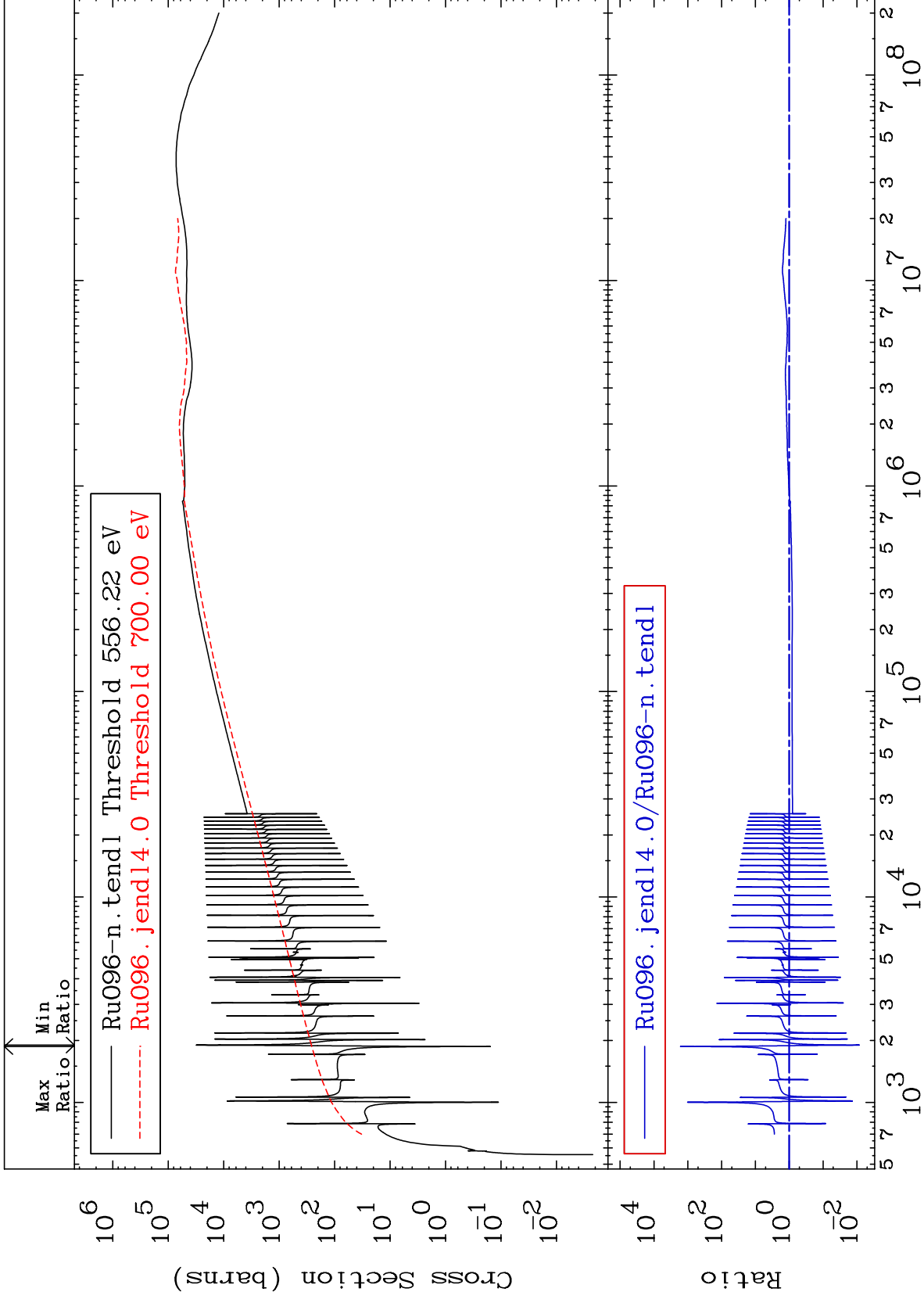








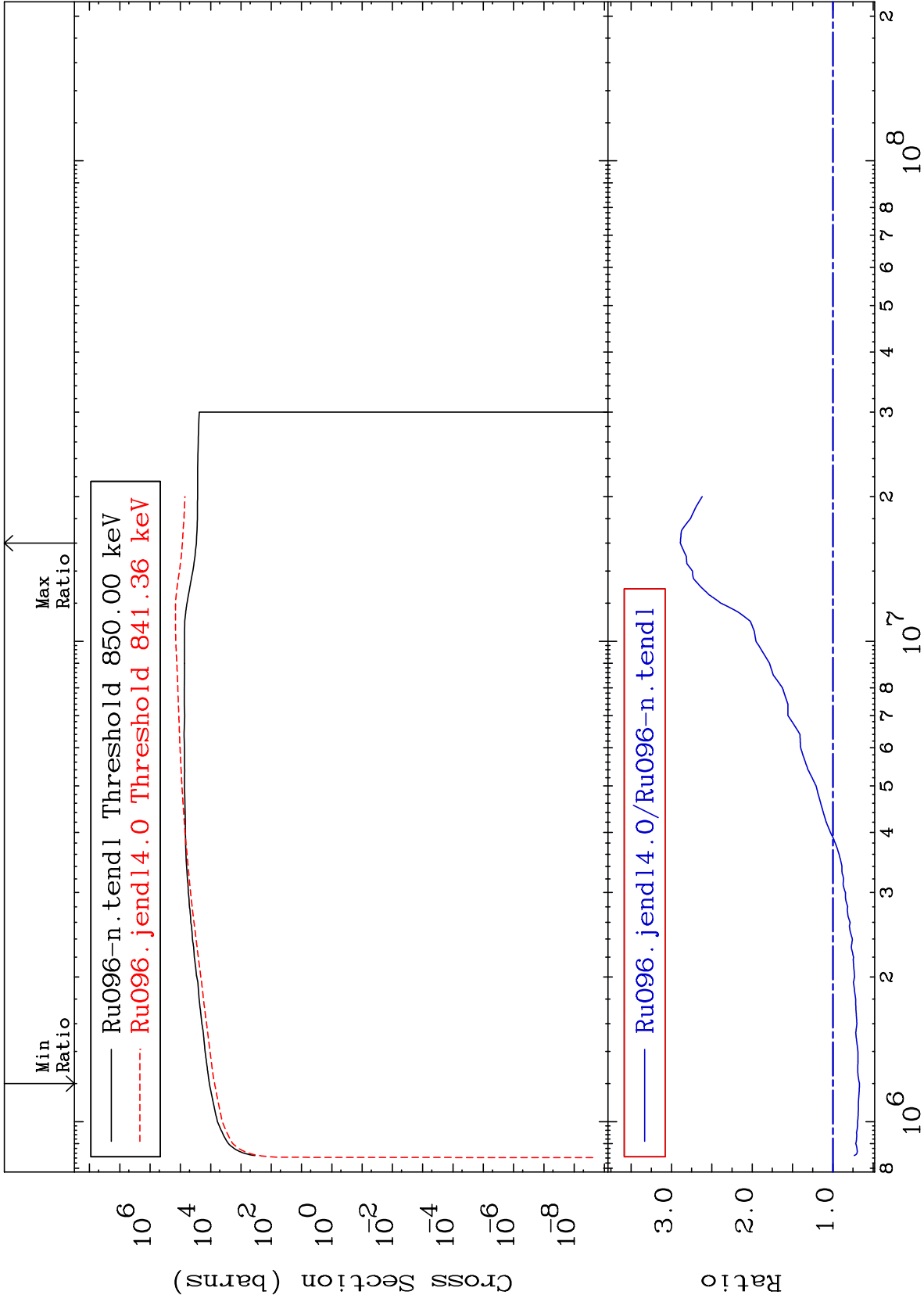




MAT 4425

Dpa inelastic (mt51-91)  
Cross Section

44-Ru-96  
-32.91 To 189.0 %



44

Incident Energy (eV)

44-Ru-96

