

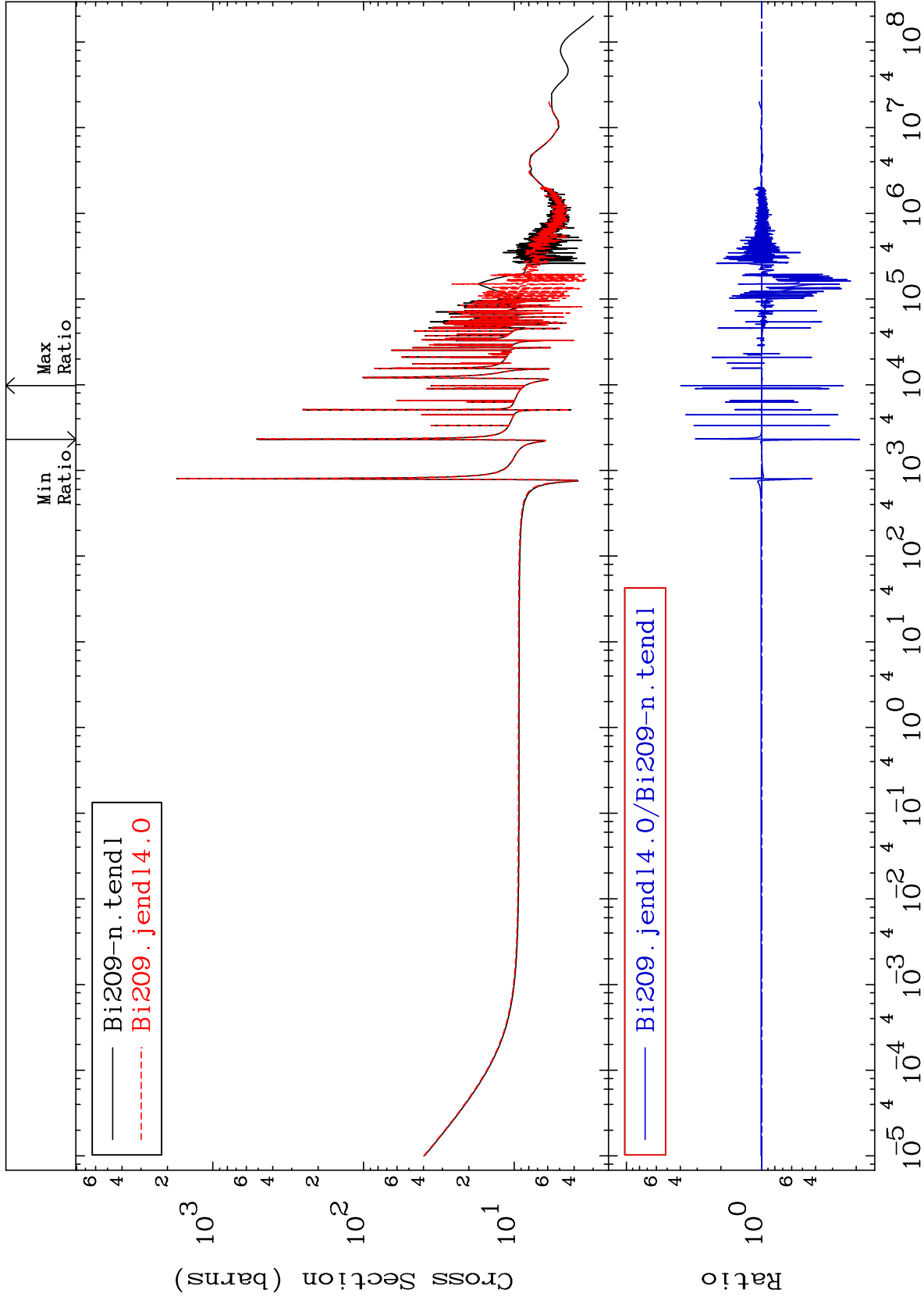
MAT 8325

Total

83-Bi-209

Cross Section

-81.07 To 296.2 %



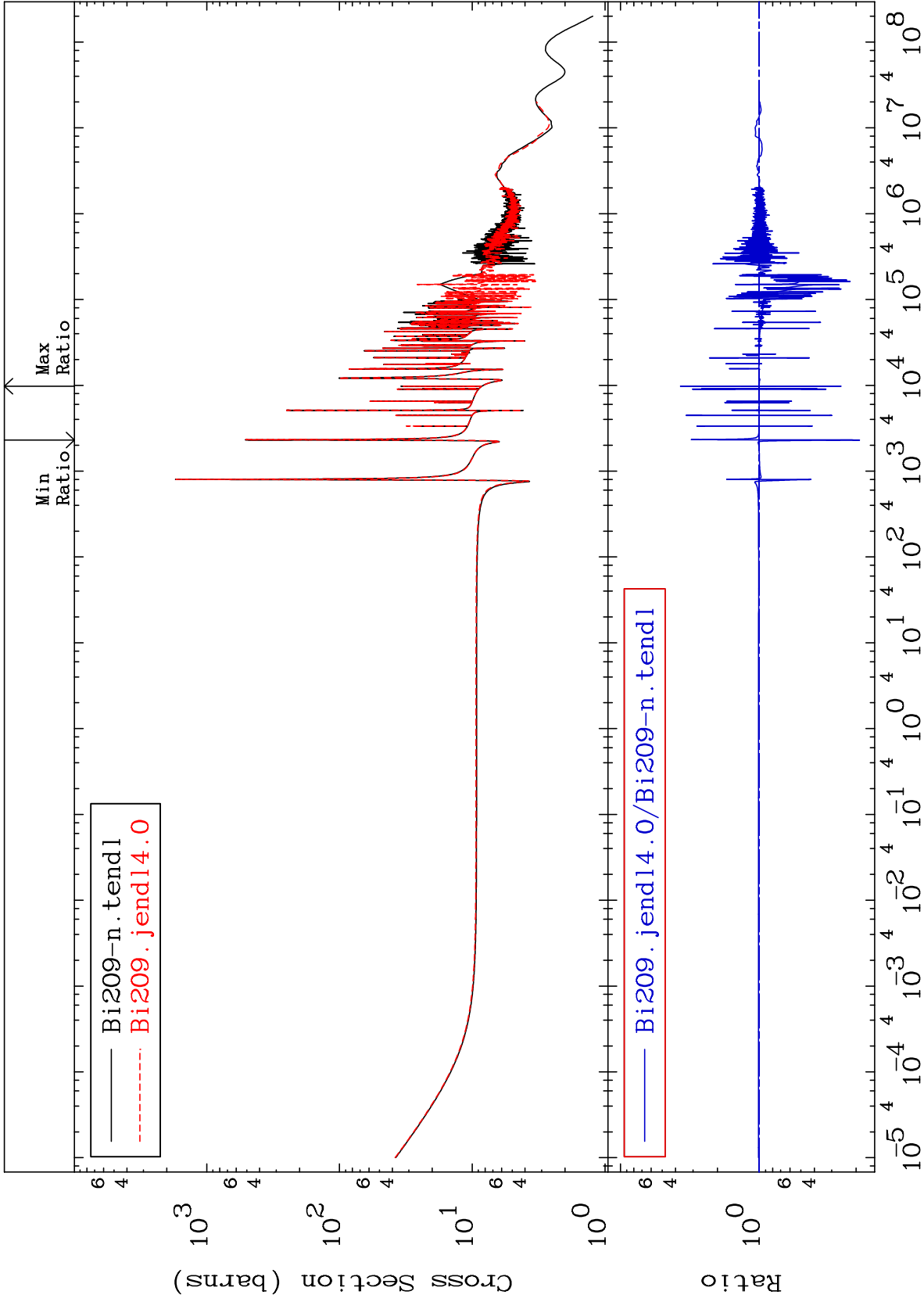
Incident Energy (eV)

83-Bi-209

MAT 8325

Elastic  
Cross Section

83-Bi-209  
-81.06 To 269.7 %



Incident Energy (eV)

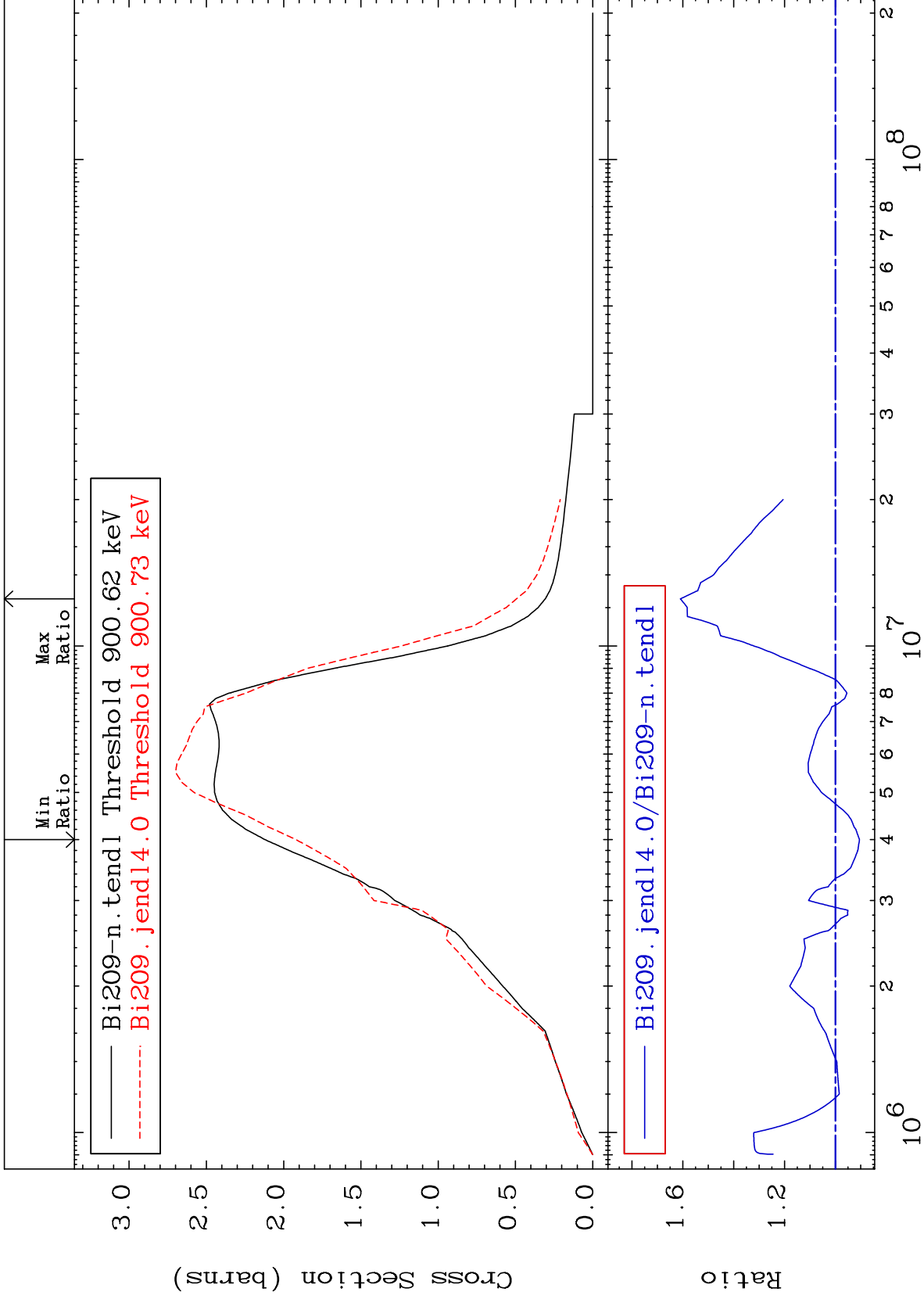
83-Bi-209

2

MAT 8325

Inelastic  
Cross Section

83-Bi-209  
-9.471 To 60.95 %



3

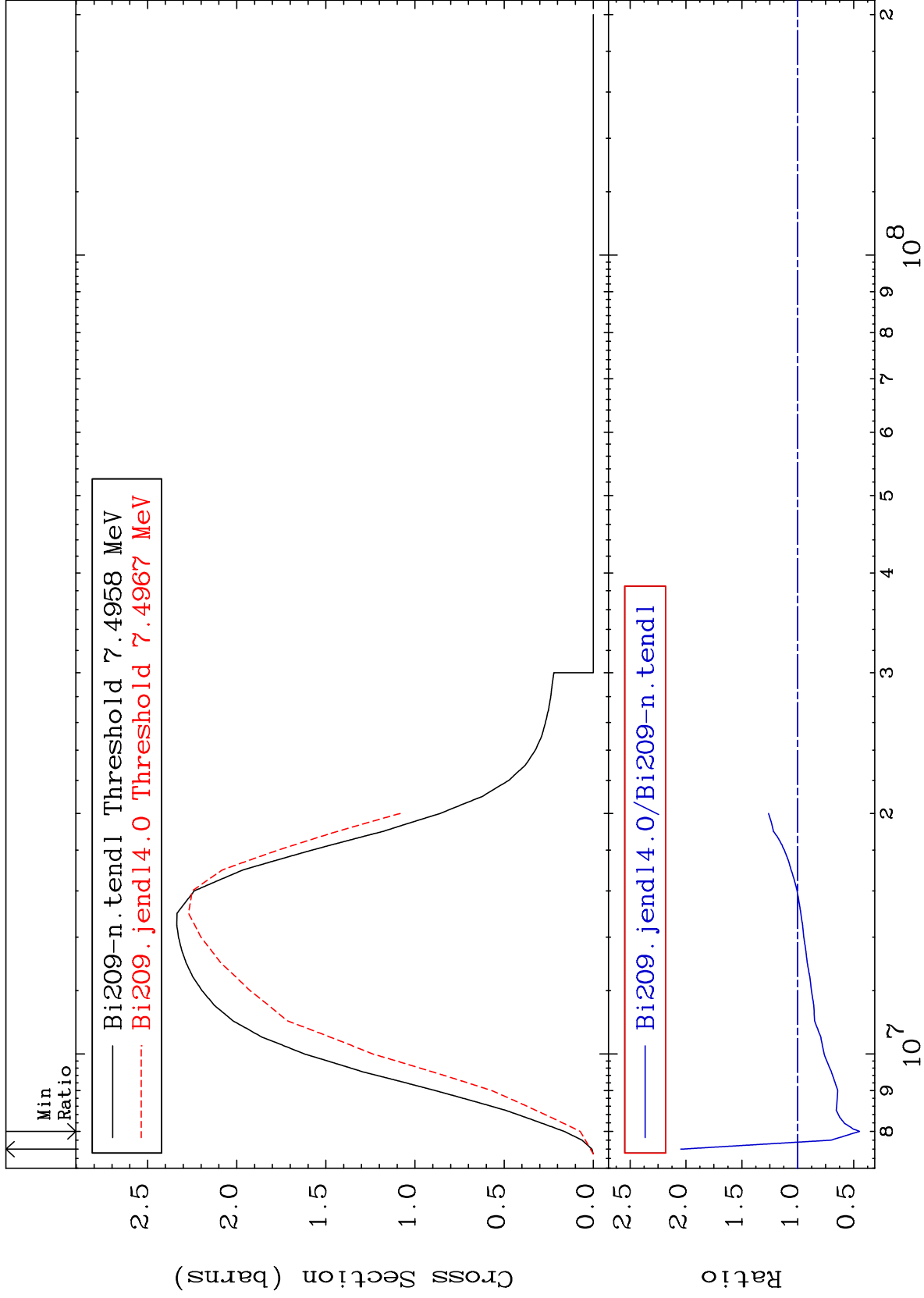
Incident Energy (eV)

83-Bi-209

MAT 8325

(n,2n)  
Cross Section

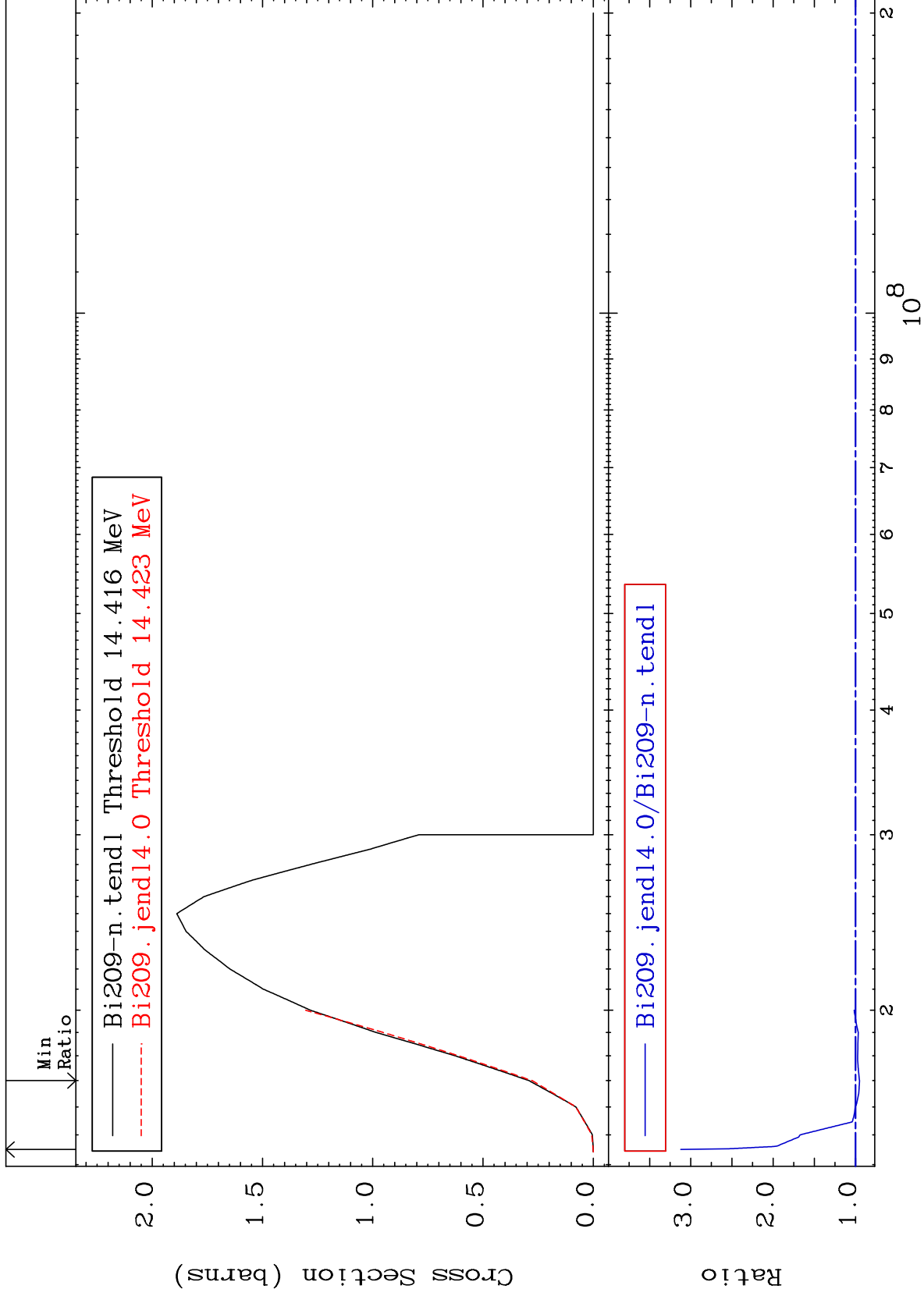
83-Bi-209  
-55.30 To 104.7 %



MAT 8325

(n,3n)  
Cross Section

83-Bi-209  
-4.897 To 212.2 %



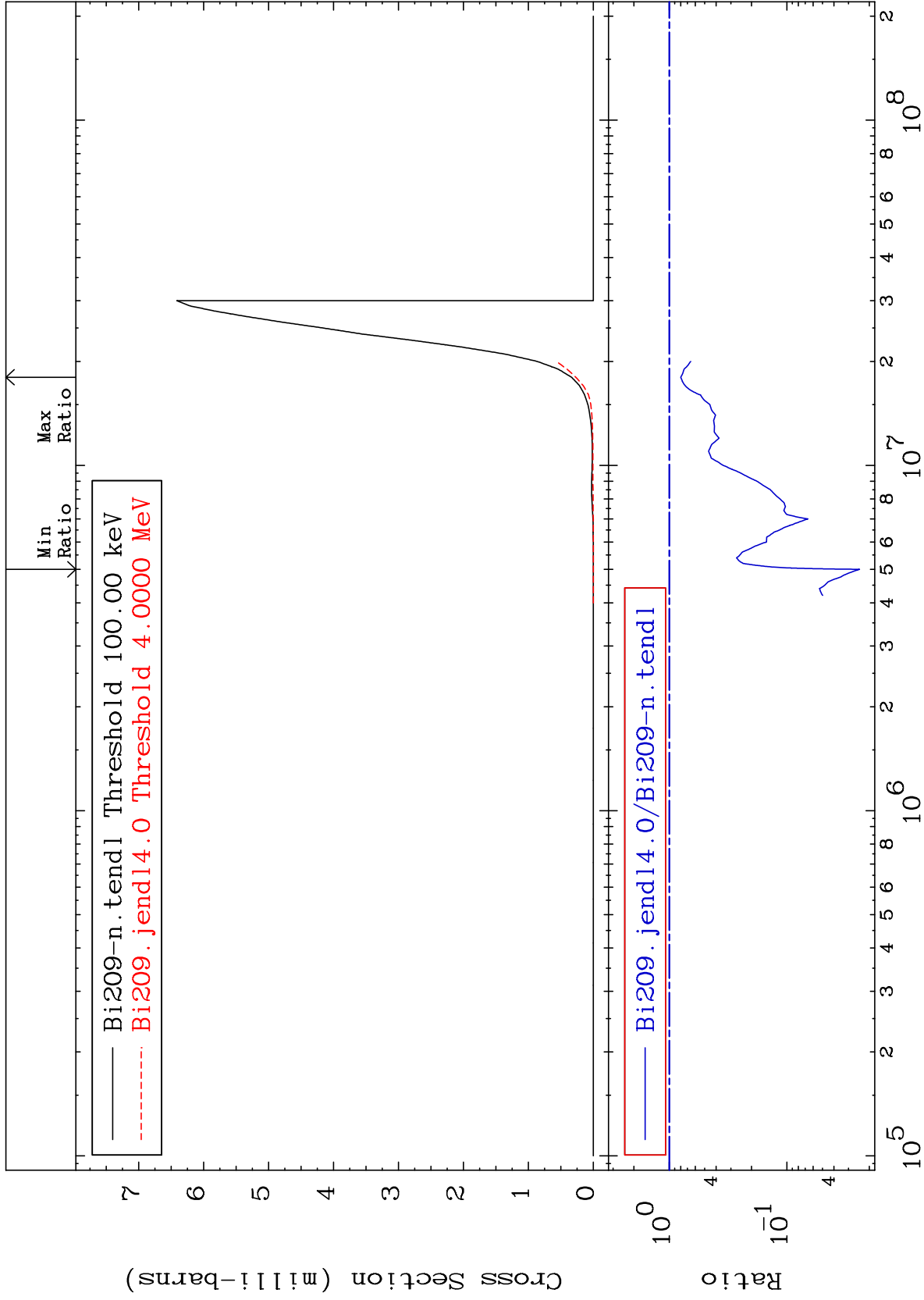
MAT 8325

$(n, n') \alpha$

83-Bi-209

Cross Section

-97.58 To -20.19%



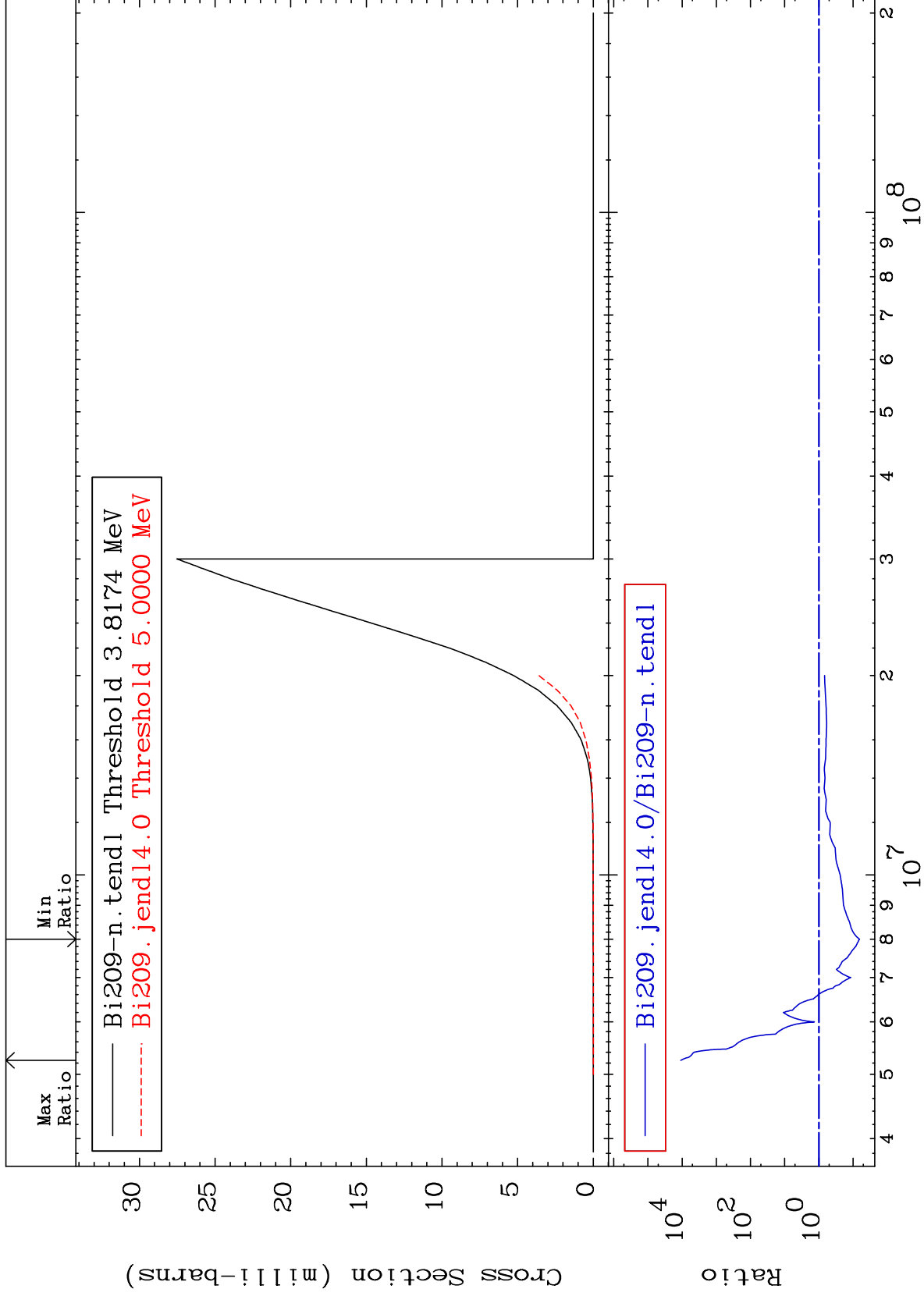
83-Bi-209

83-Bi-209

MAT 8325

(n,n') p  
Cross Section

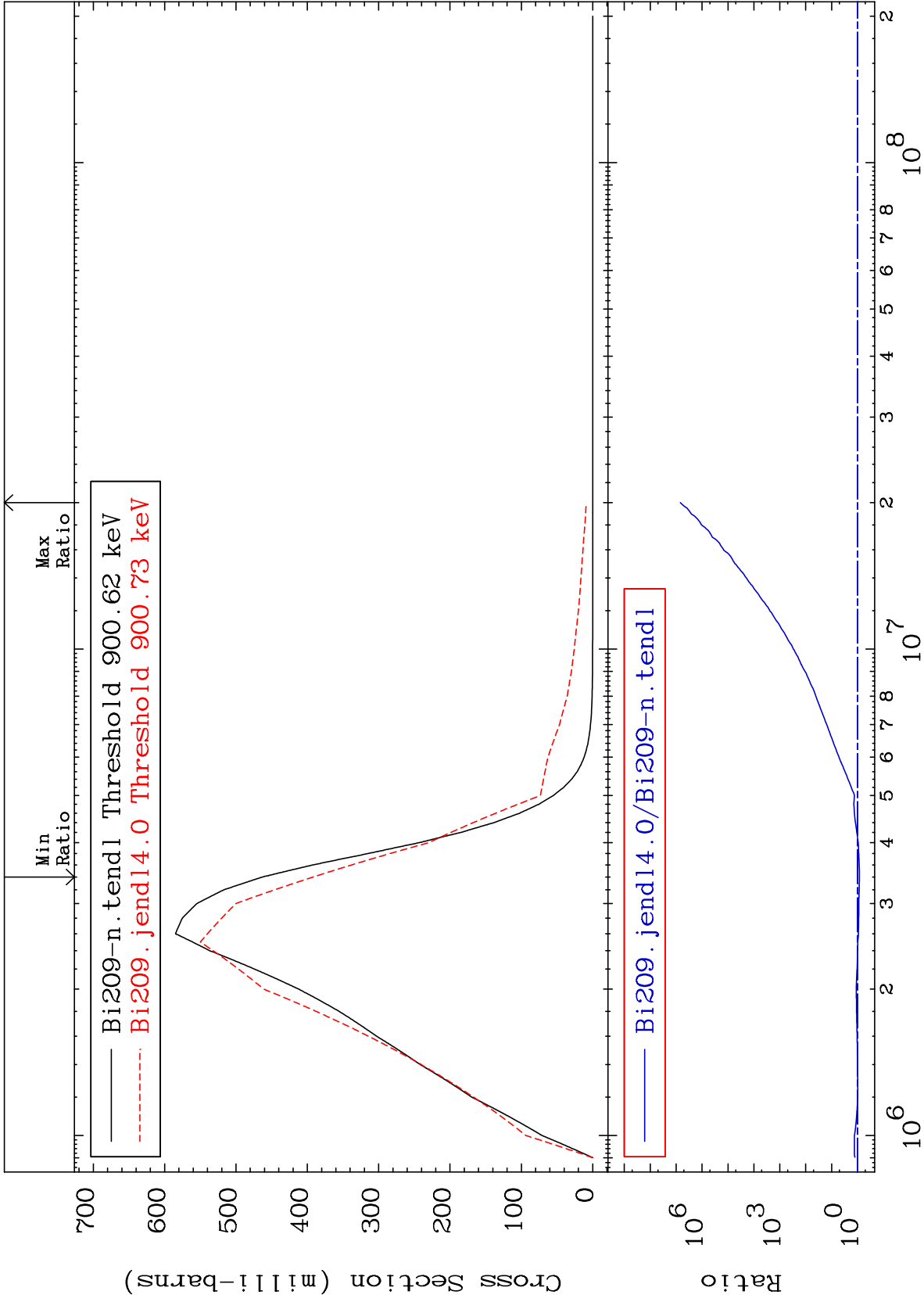
83-Bi-209  
-93.52 To 9999. %



MAT 8325

896.3 keV (n,n') Level  
Cross Section

83-Bi-209  
-15.35 To 9999. %



8

Incident Energy (eV)

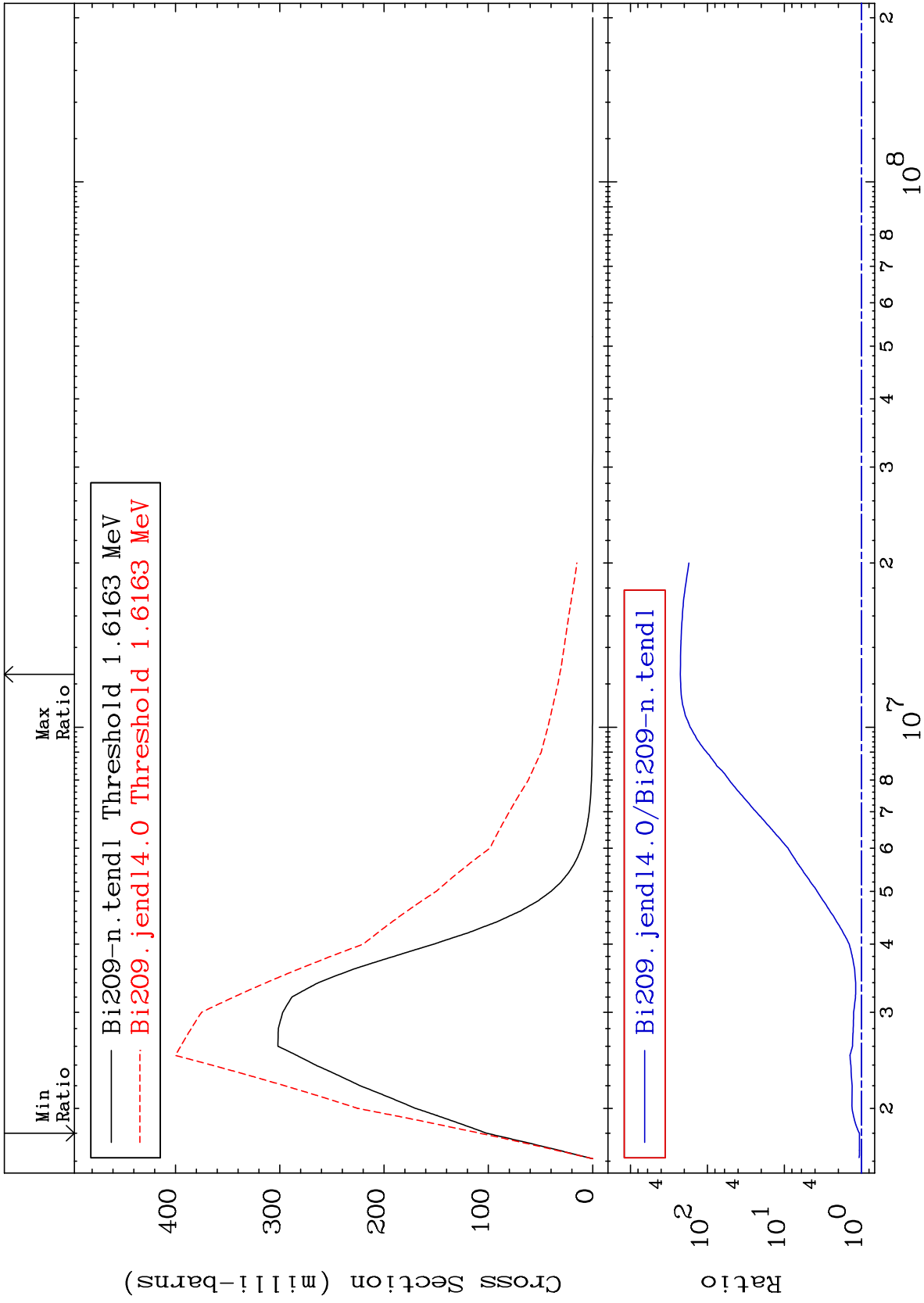
83-Bi-209



MAT 8325

1.609 MeV (n,n') Level  
Cross Section

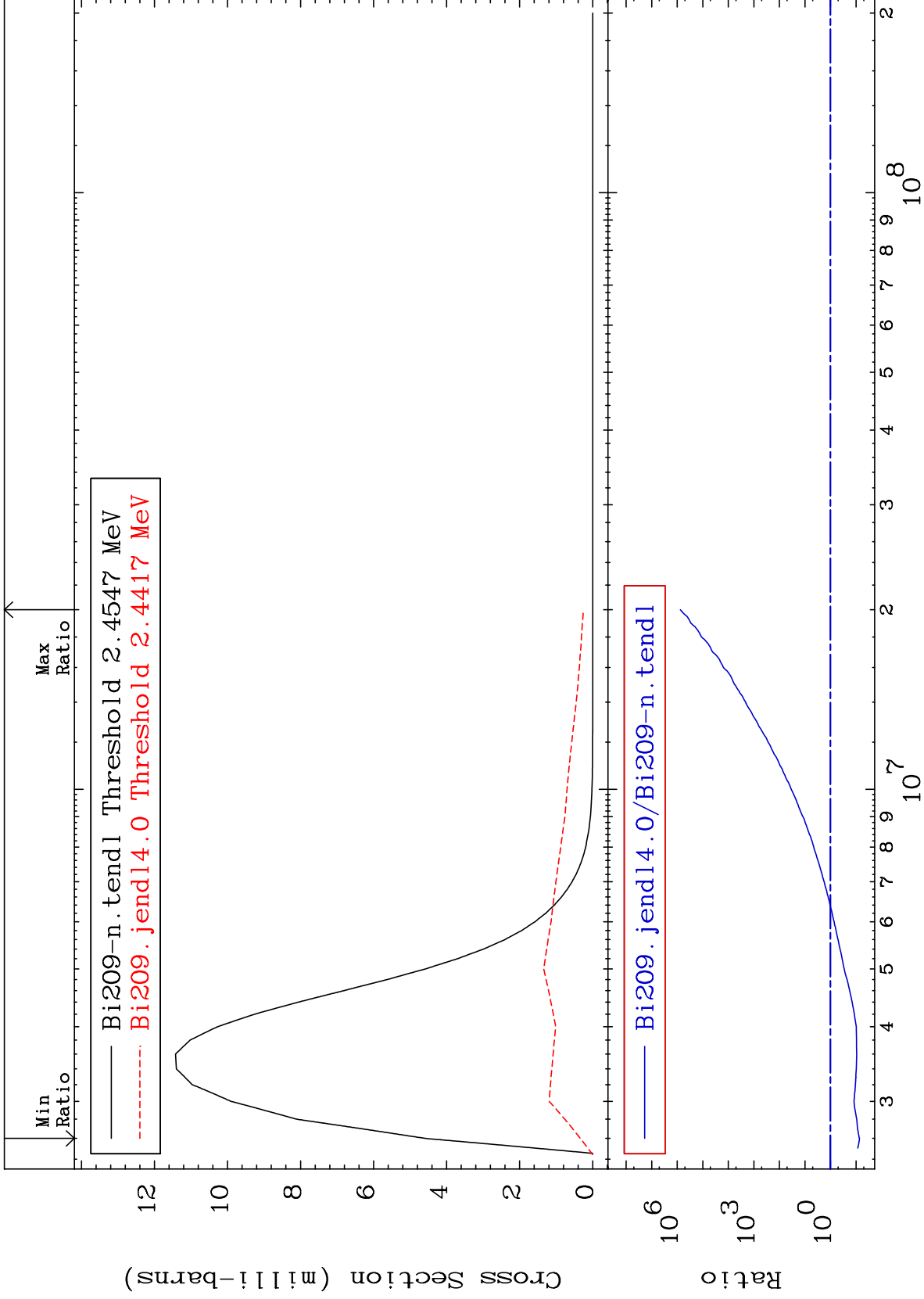
83-Bi-209  
6.242 To 9999. %



MAT 8325

2.443 MeV (n,n') Level  
Cross Section

83-Bi-209  
-92.63 To 9999. %



10

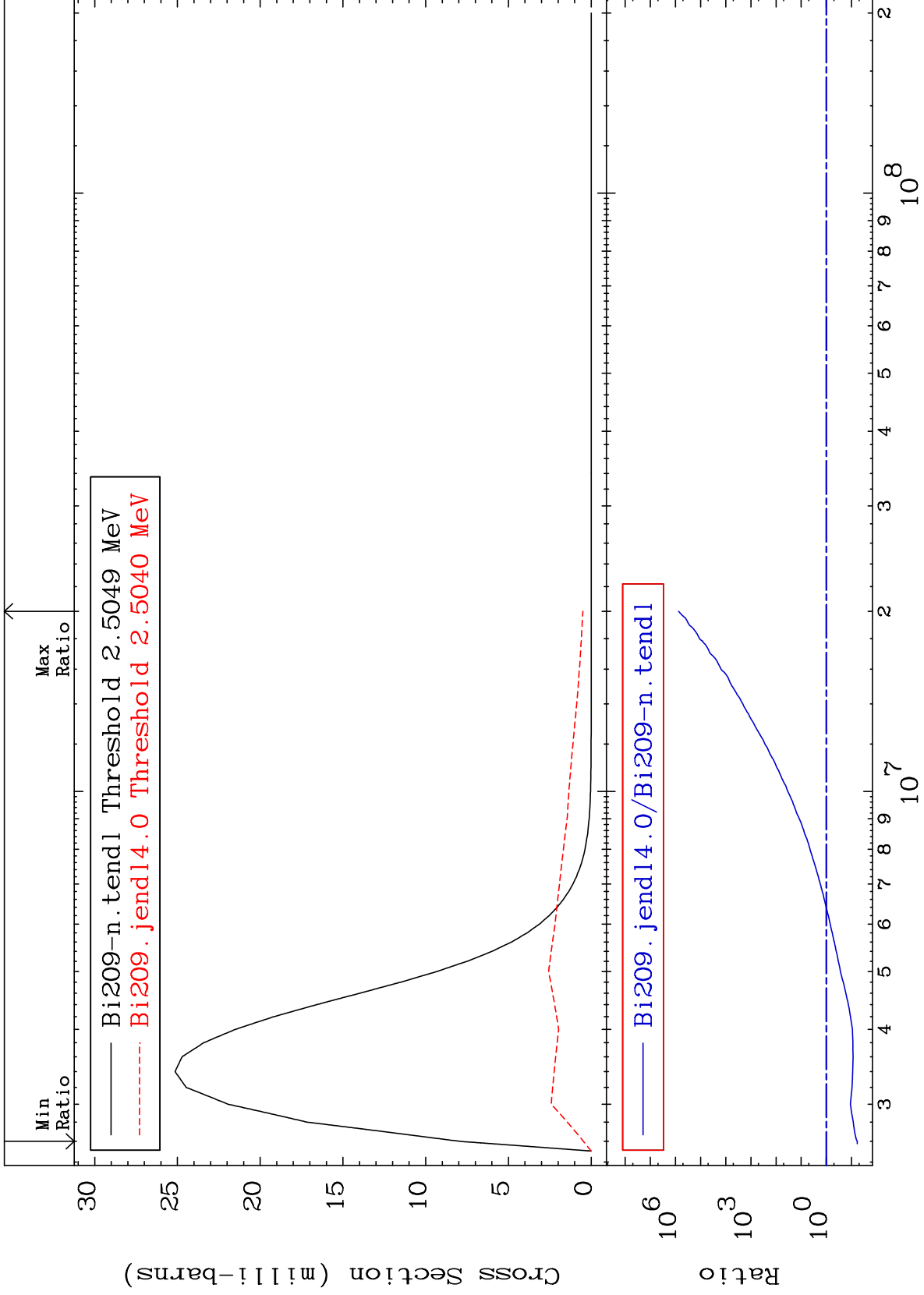
Incident Energy (eV)

83-Bi-209

MAT 8325

2.493 MeV (n,n') Level  
Cross Section

83-Bi-209  
-94.11 To 9999. %



11

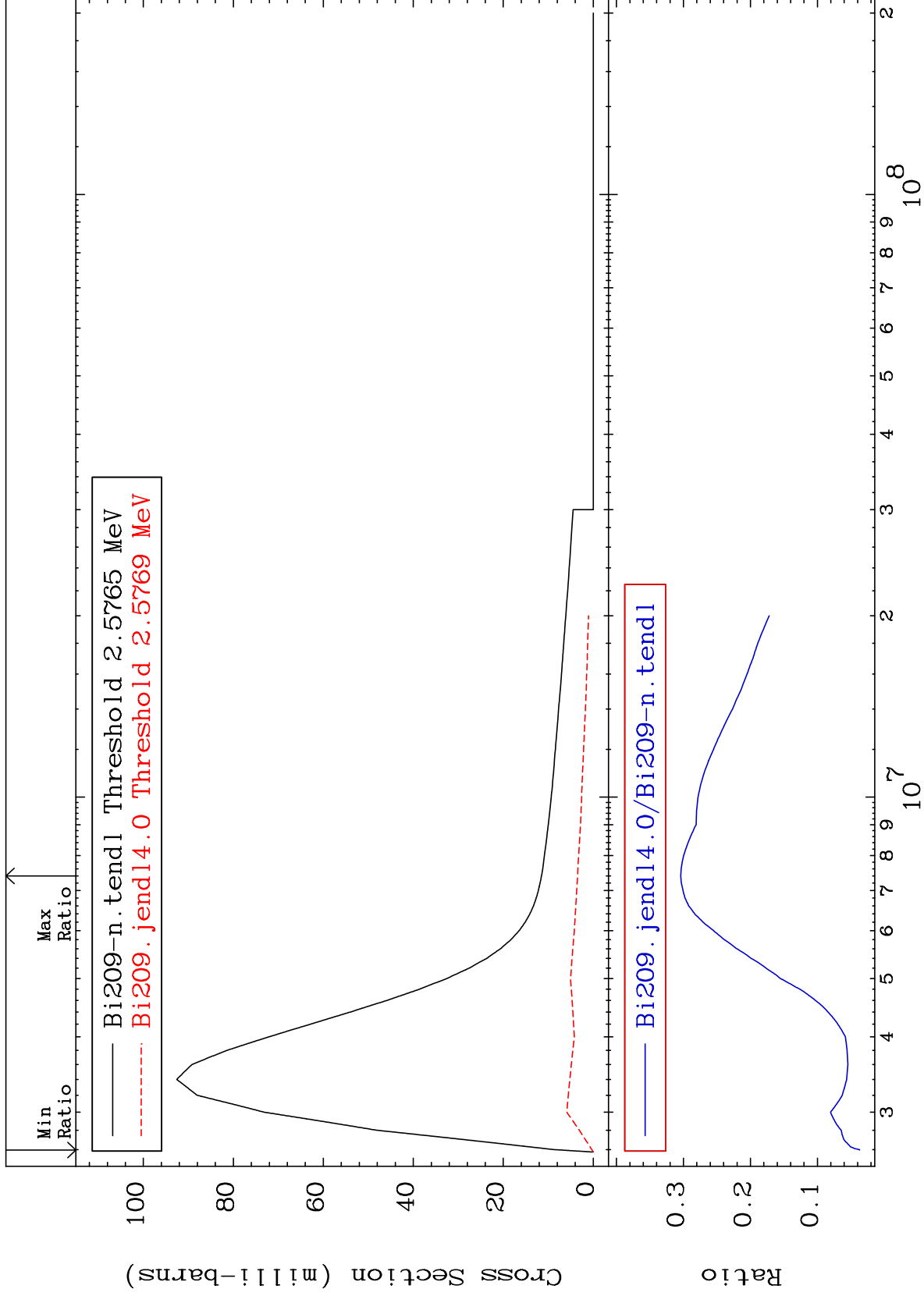
Incident Energy (eV)

83-Bi-209

MAT 8325

2.564 MeV (n,n') Level  
Cross Section

83-Bi-209  
-96.29 To -69.60%



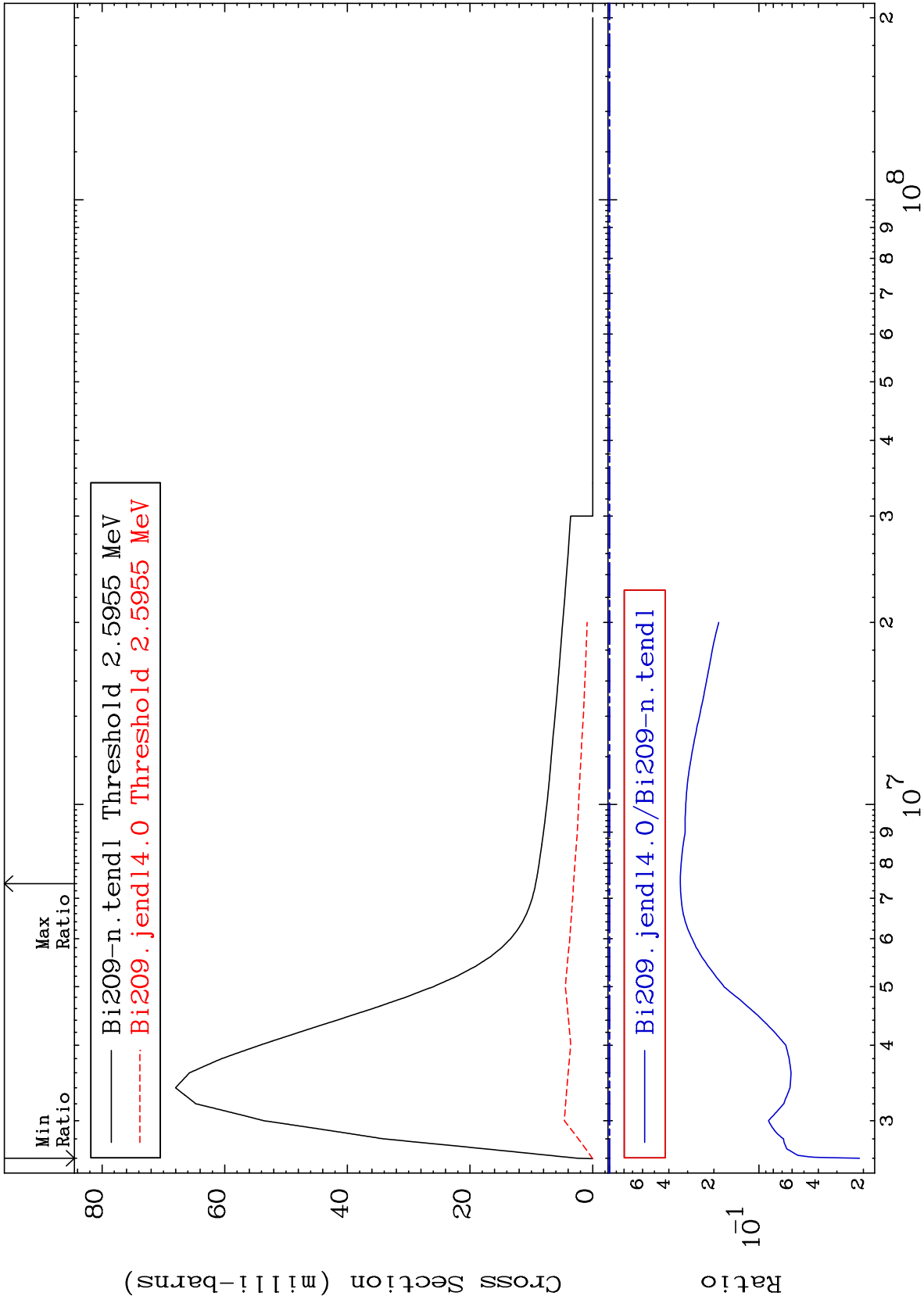
12

83-Bi-209

MAT 8325

2.583 MeV (n,n') Level  
Cross Section

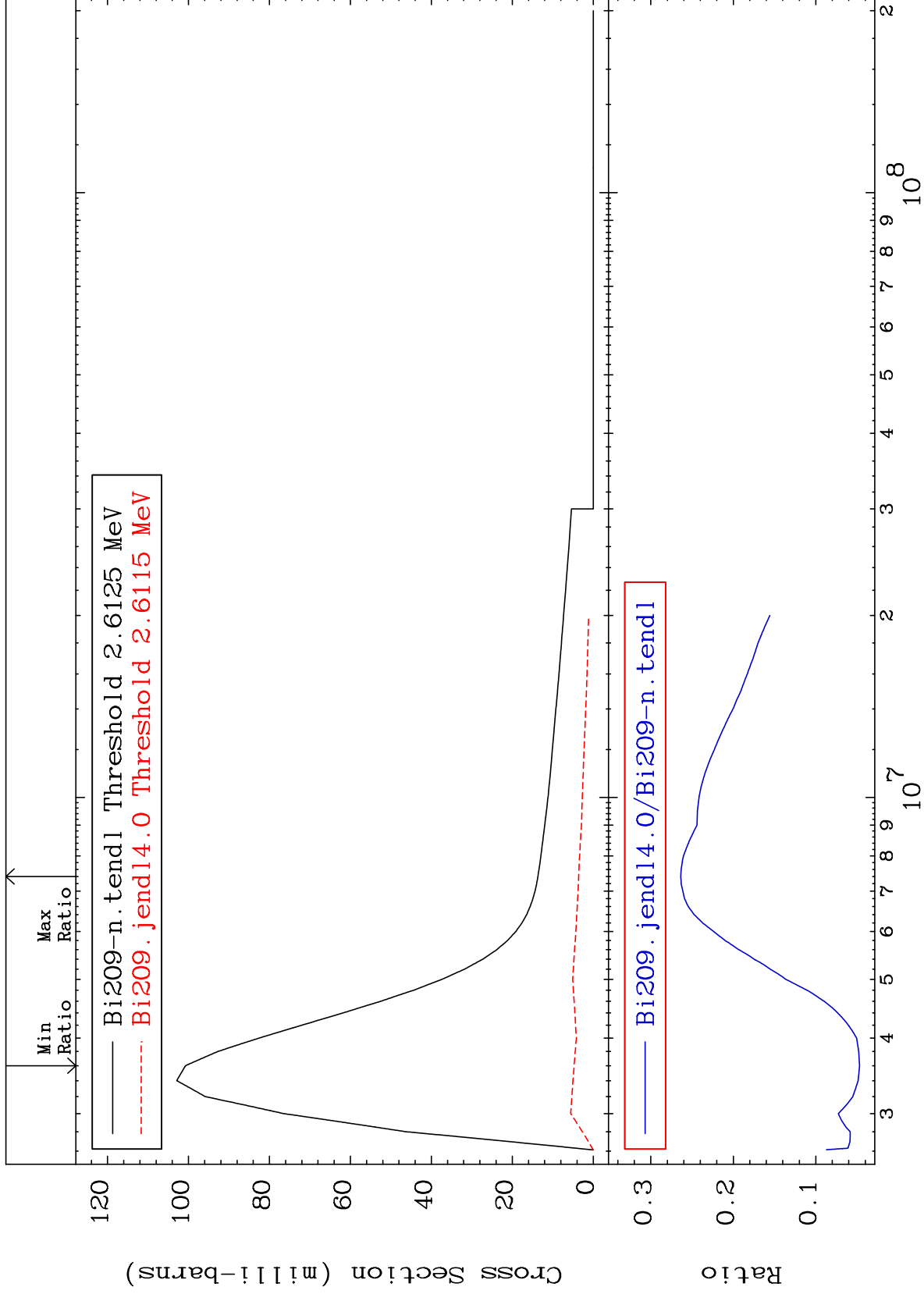
83-Bi-209  
-97.88 To -66.47%



MAT 8325

2.600 MeV (n,n') Level  
Cross Section

83-Bi-209  
-95.30 To -73.63%

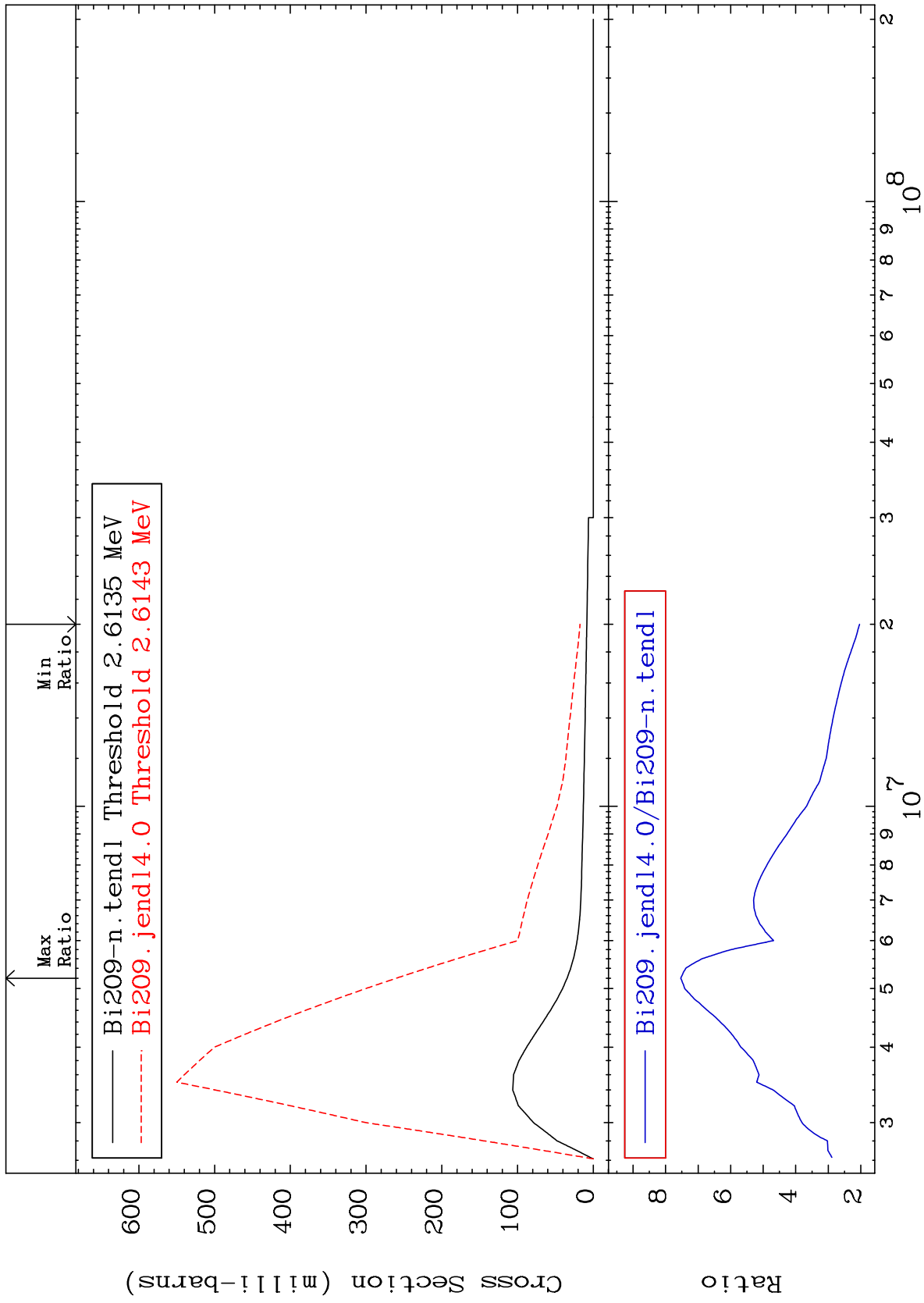


14

Incident Energy (eV)

83-Bi-209

MAT 8325      2.601 MeV (n,n') Level      83-Bi-209  
 Cross Section      103.8      To 653.3 %

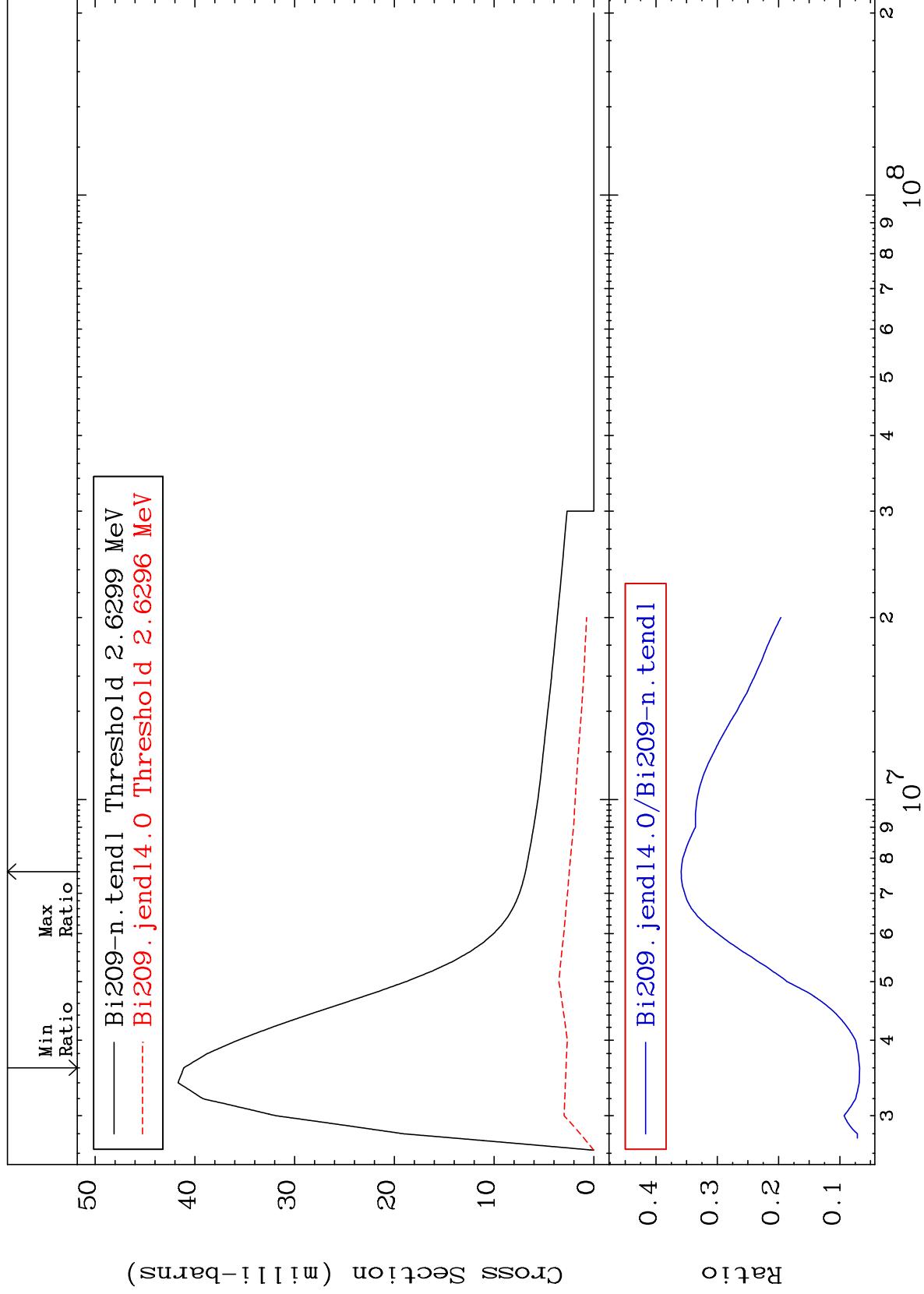


15      Incident Energy (eV)      83-Bi-209

MAT 8325

2.617 MeV (n,n') Level  
Cross Section

83-Bi-209  
-93.23 To -64.11%



16

Incident Energy (eV)

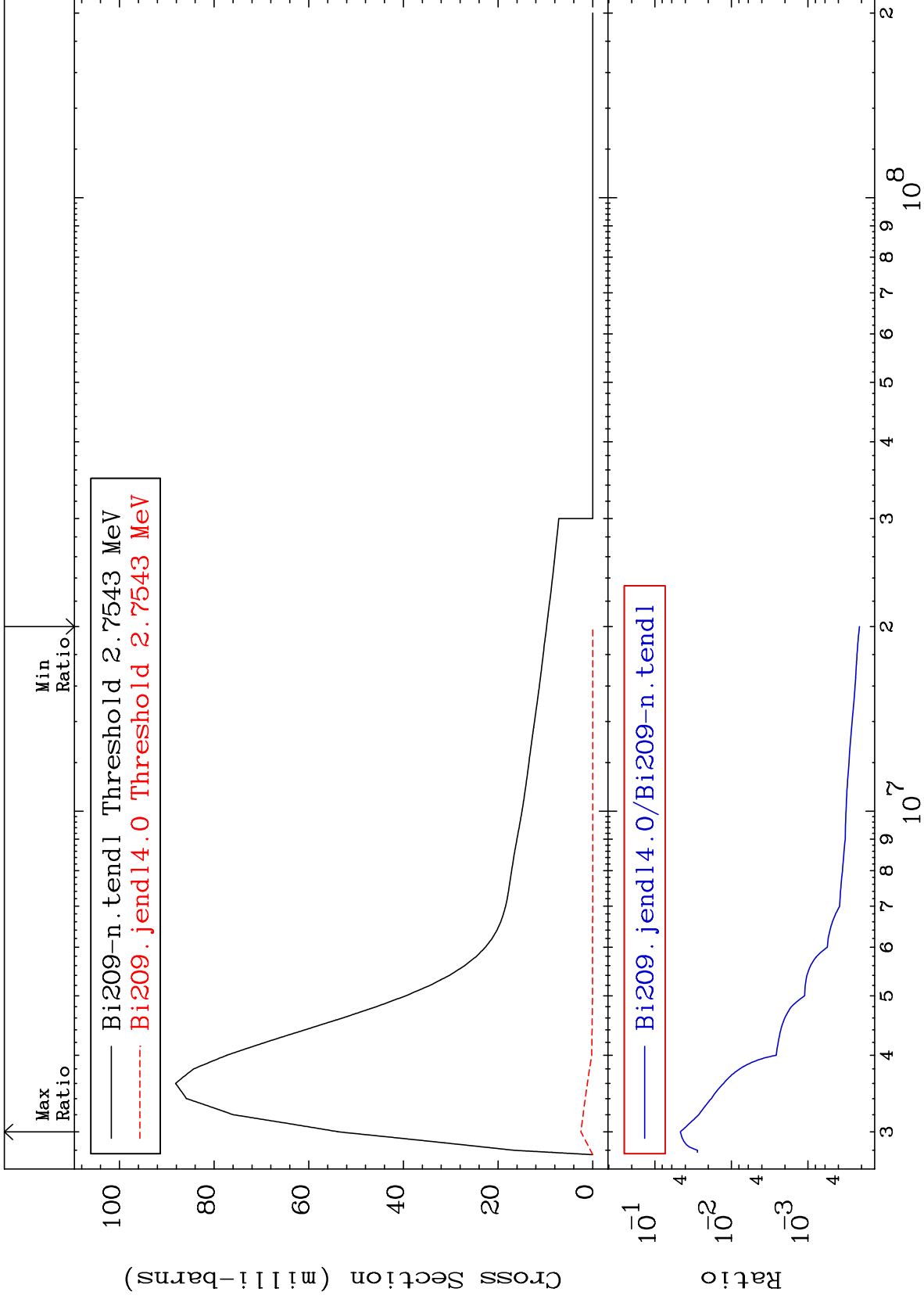
83-Bi-209



MAT 8325

2.741 MeV (n,n') Level  
Cross Section

83-Bi-209  
-99.98 To -95.36%



17

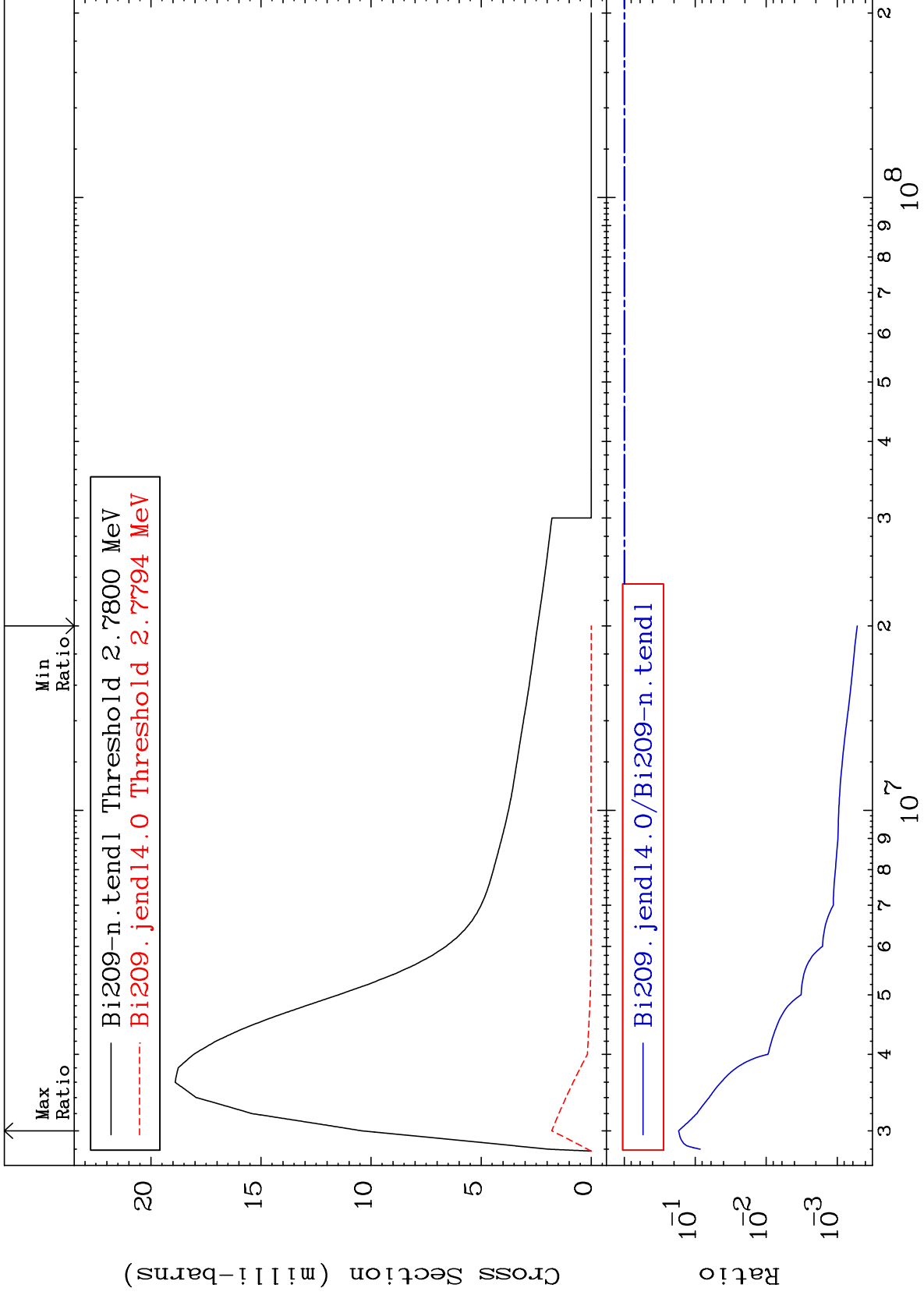
Incident Energy (eV)

83-Bi-209

MAT 8325

2.767 MeV (n,n') Level  
Cross Section

83-Bi-209  
-99.95 To -82.82%



18

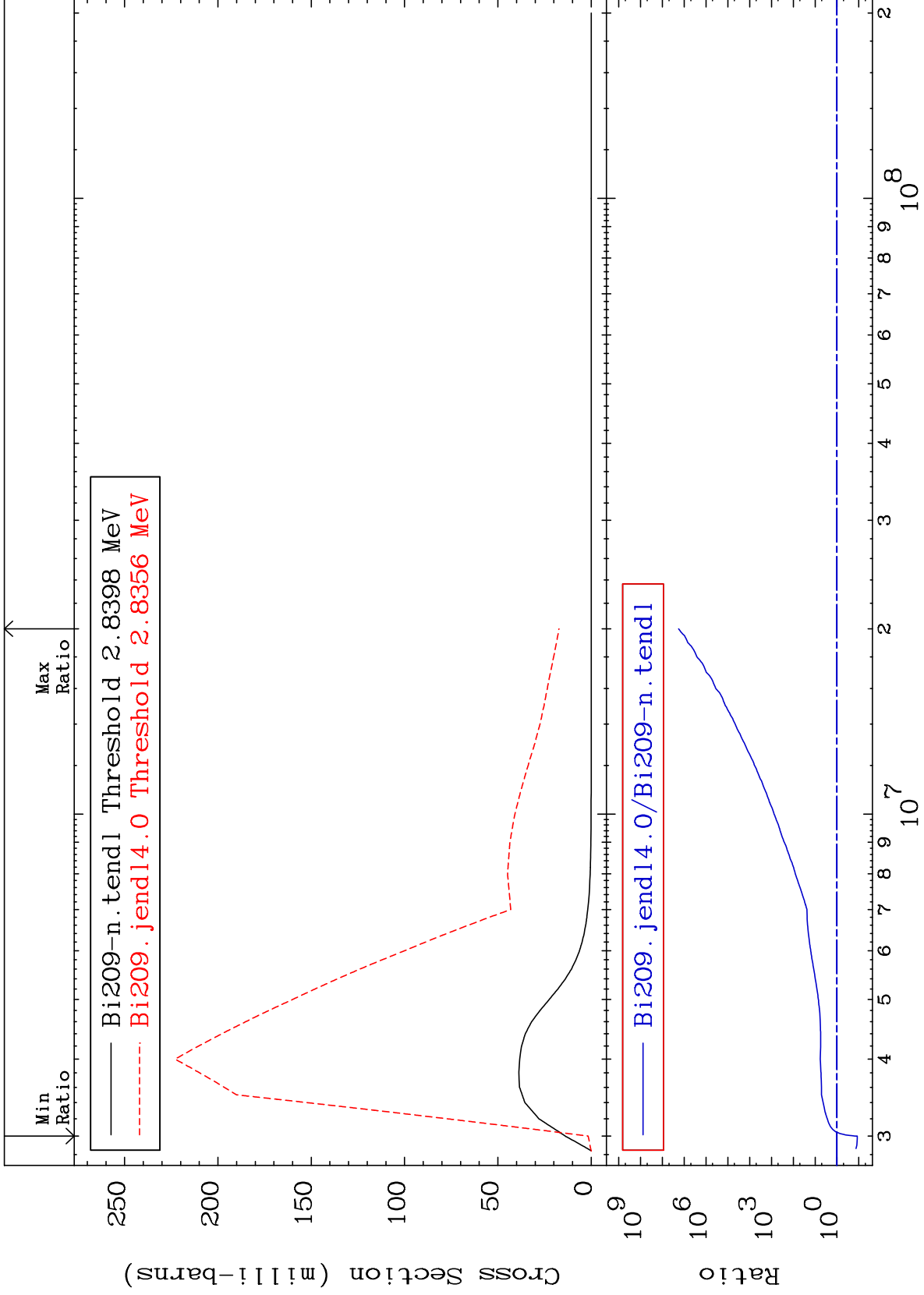
Incident Energy (eV)

83-Bi-209

MAT 8325

2.826 MeV (n,n') Level  
Cross Section

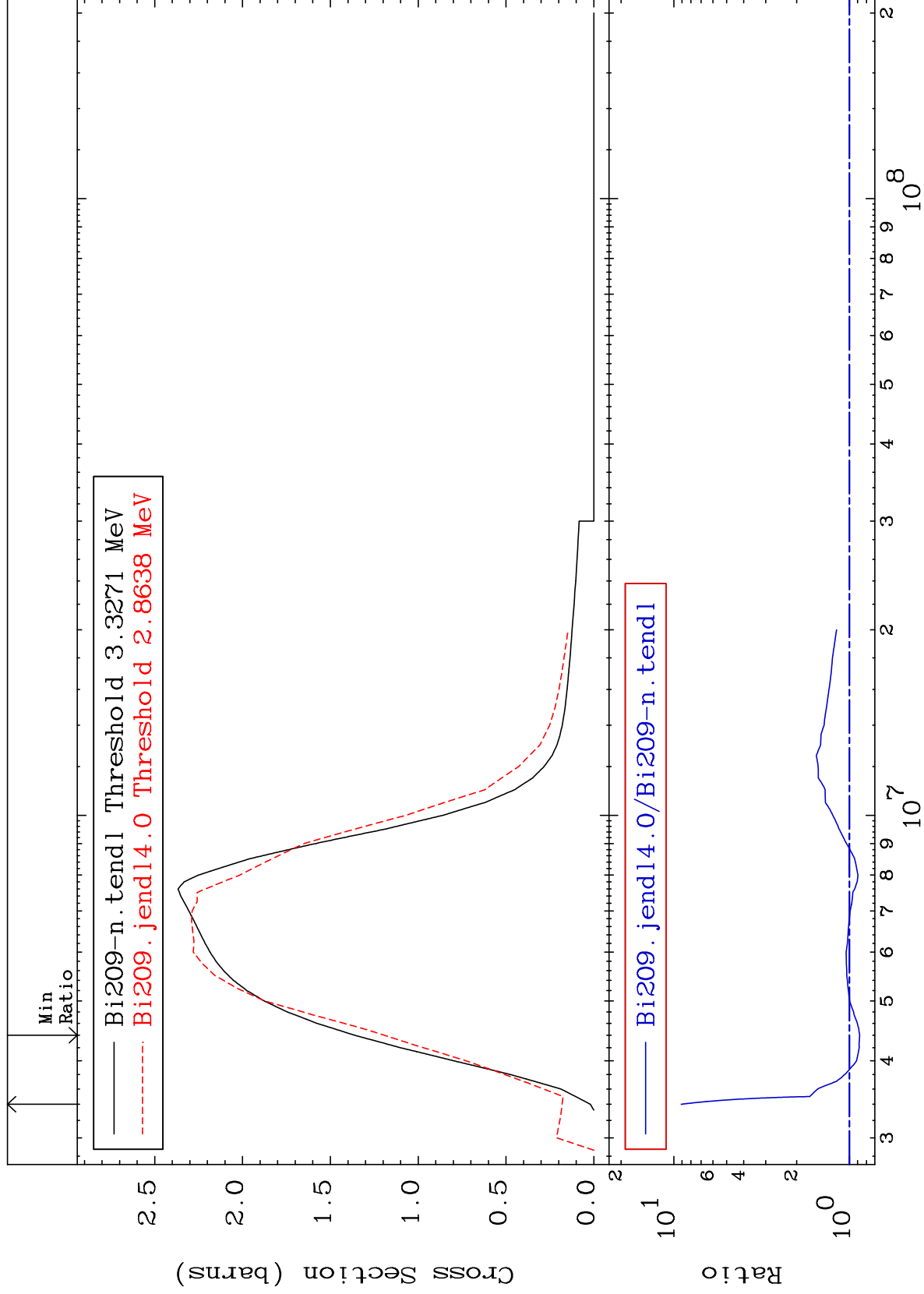
83-Bi-209  
-88.26 To 9999. %



MAT 8325

(n, n') Continuum  
Cross Section

83-Bi-209  
-12.47 To 808.6 %



20

83-Bi-209

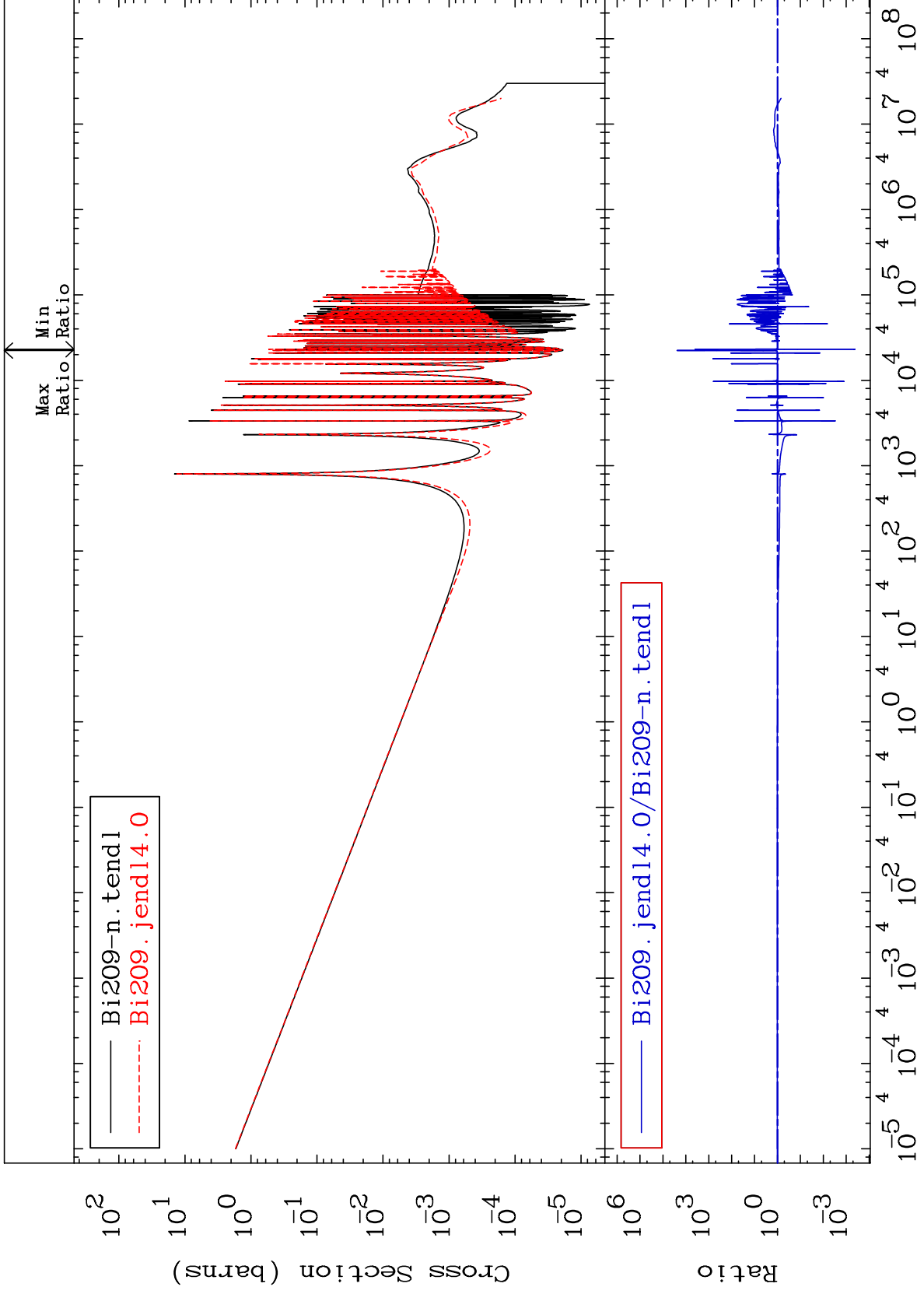
MAT 8325

(n,  $\gamma$ )

83-Bi-209

Cross Section

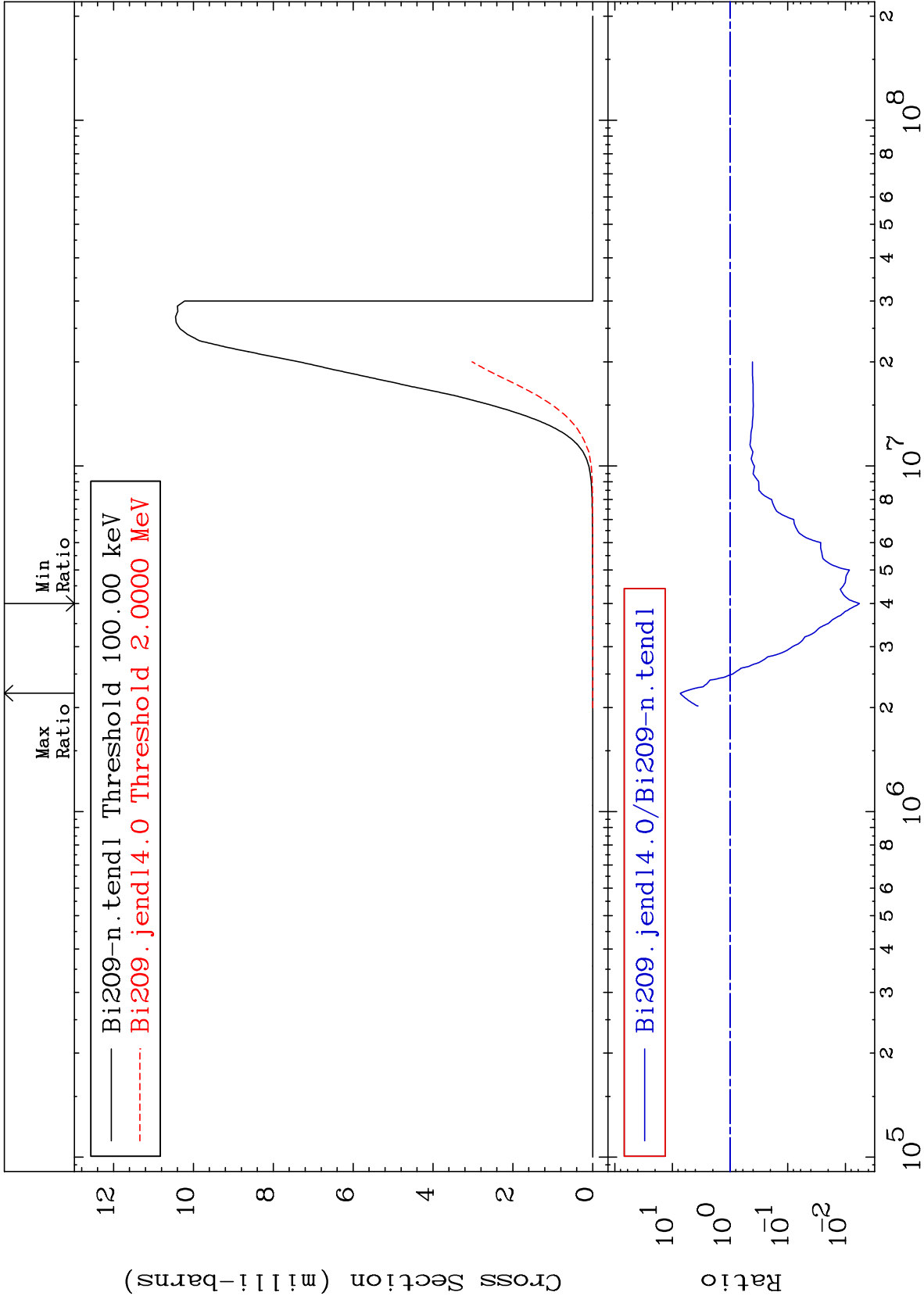
-99.96 To 9999. %



MAT 8325

83-Bi-209  
-99.43 To 629.7 %

(n, p)  
Cross Section



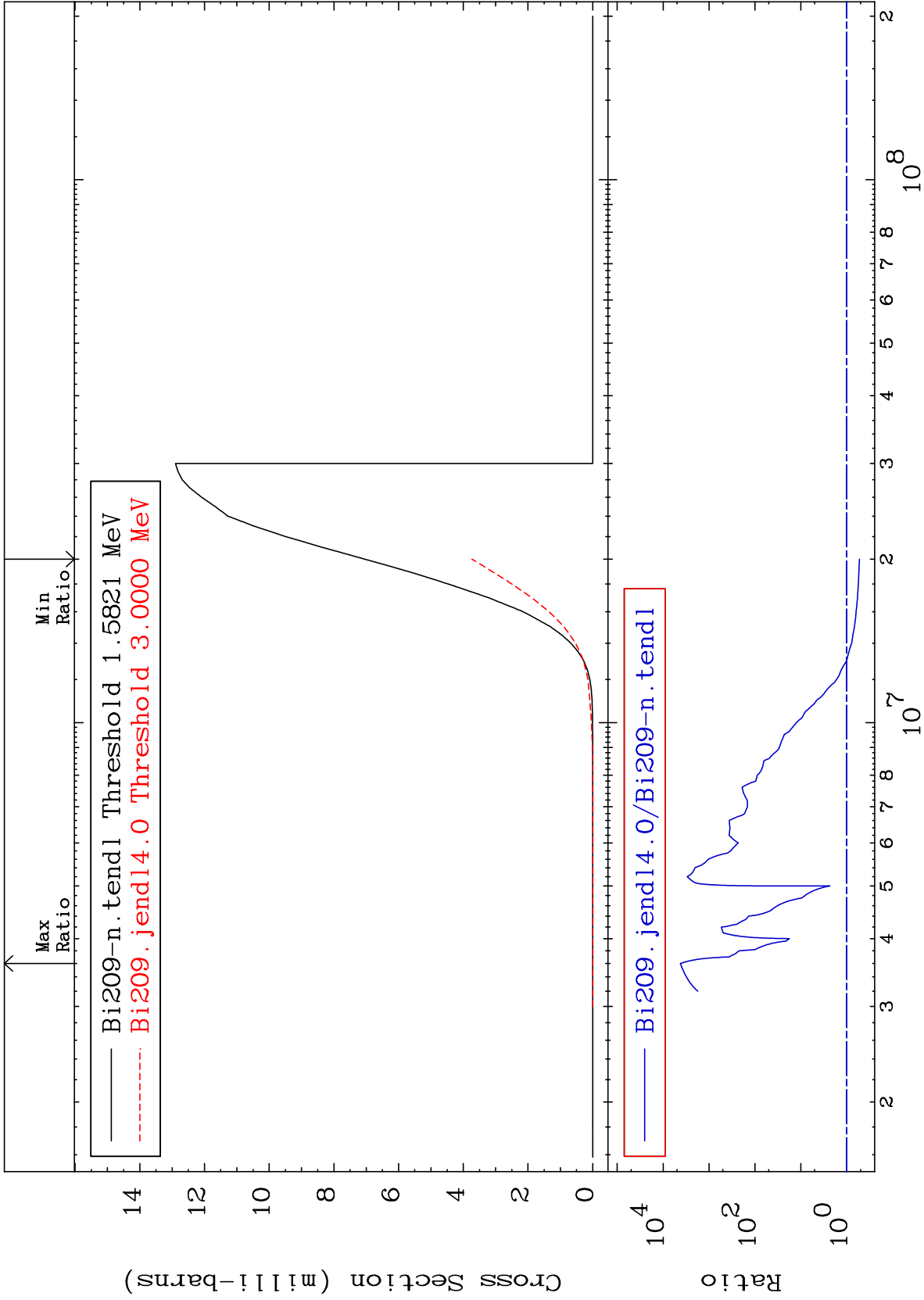
22

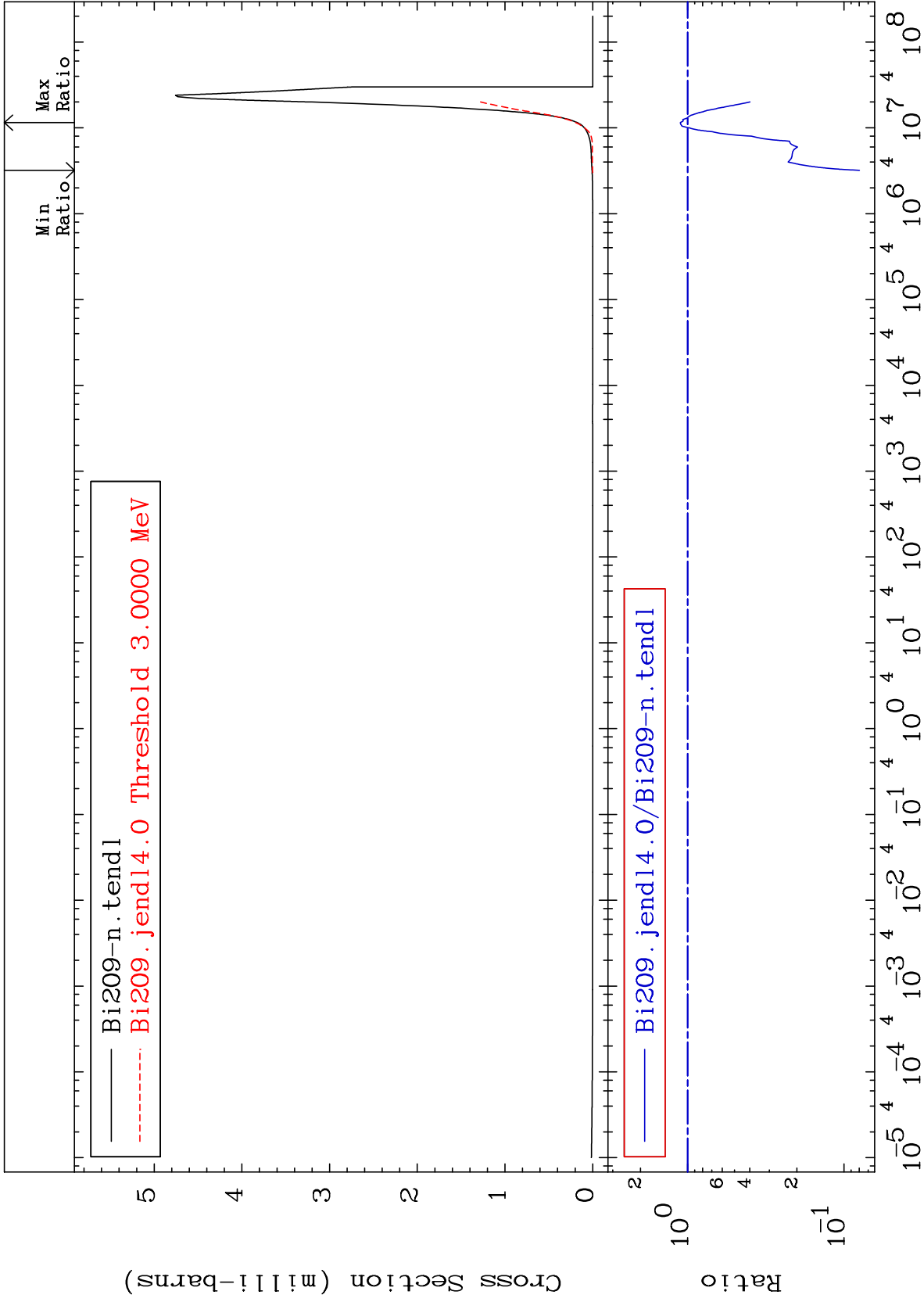
Incident Energy (eV)

83-Bi-209

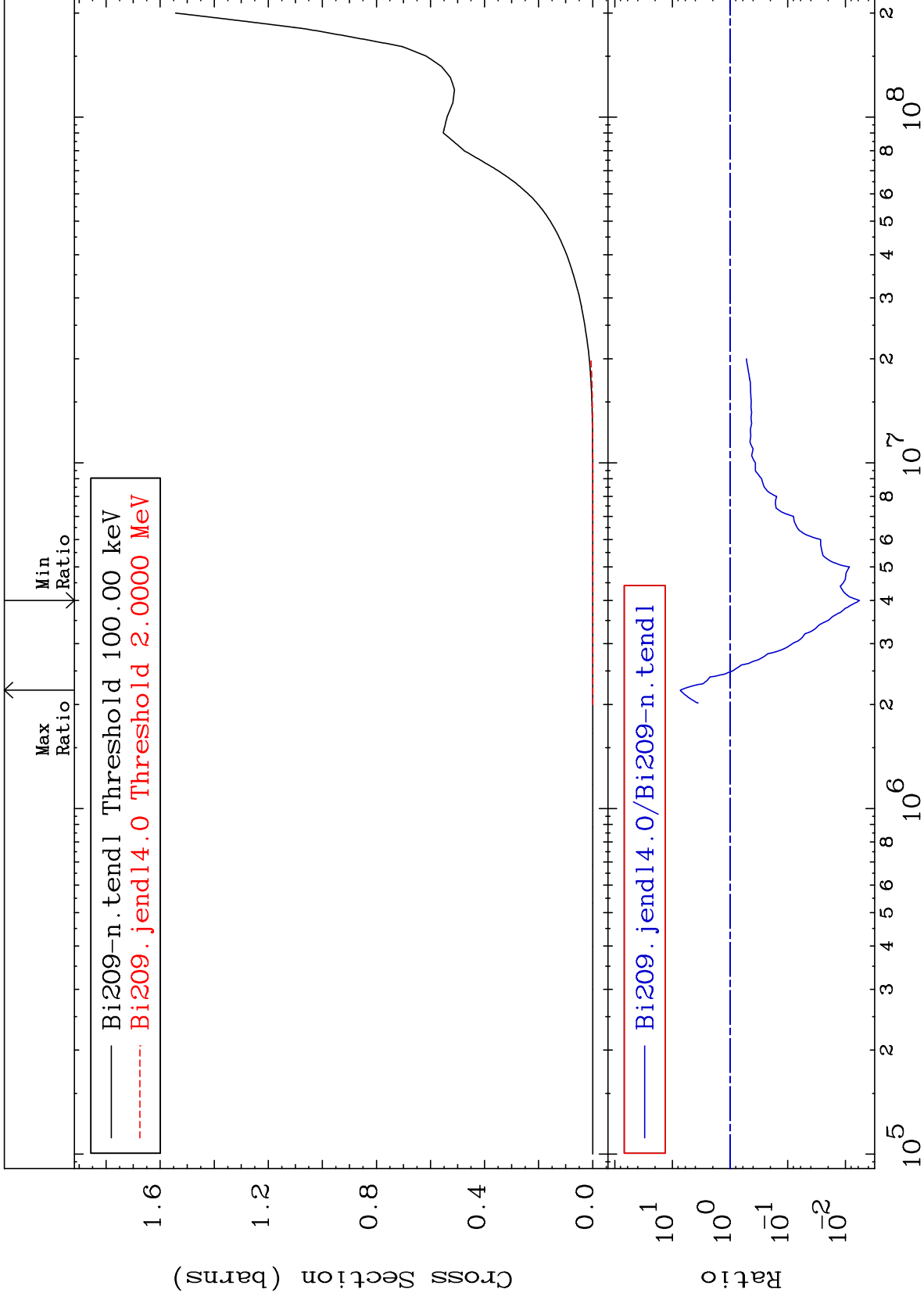
Cross Section

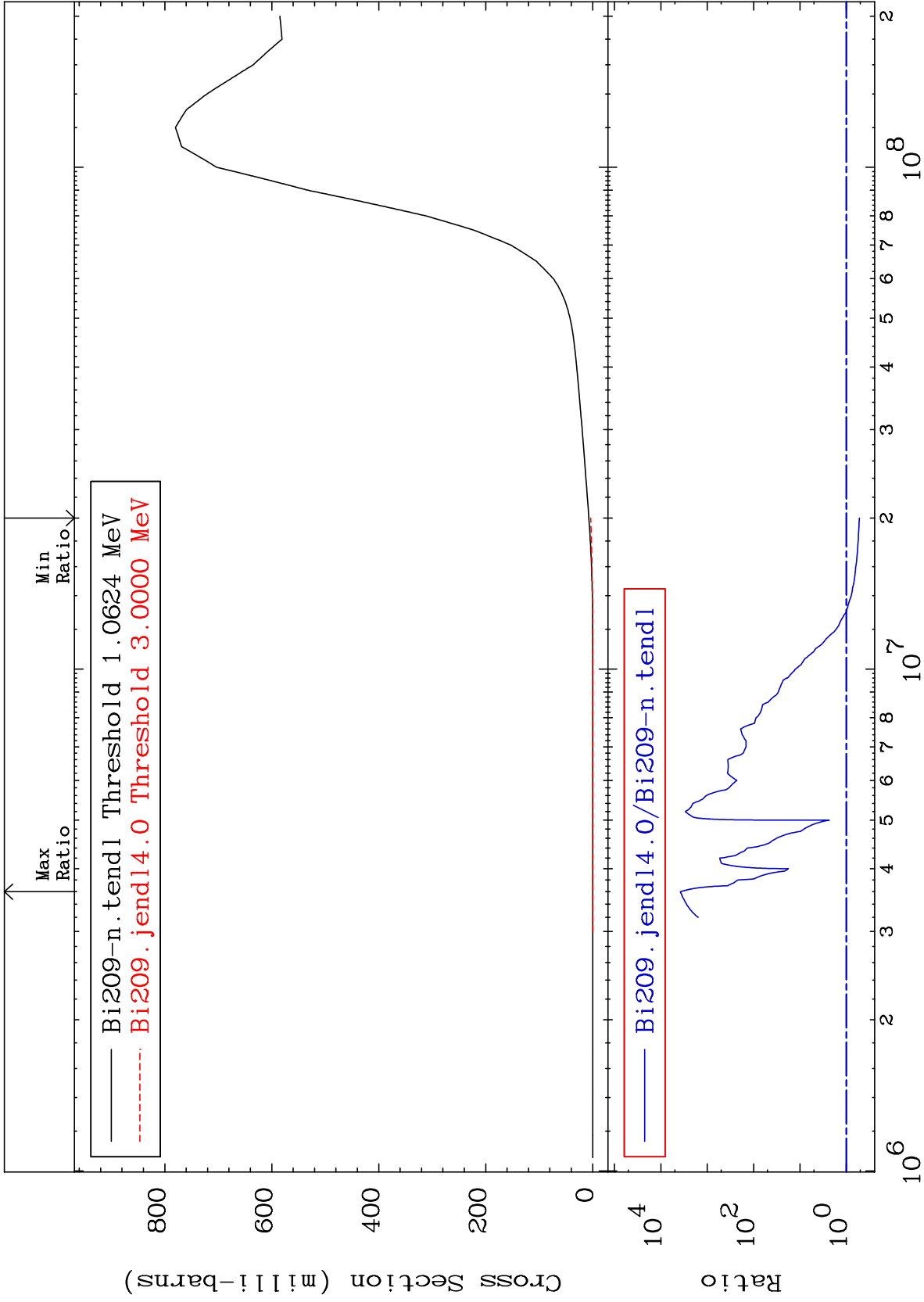
-47.03 To 9999. %







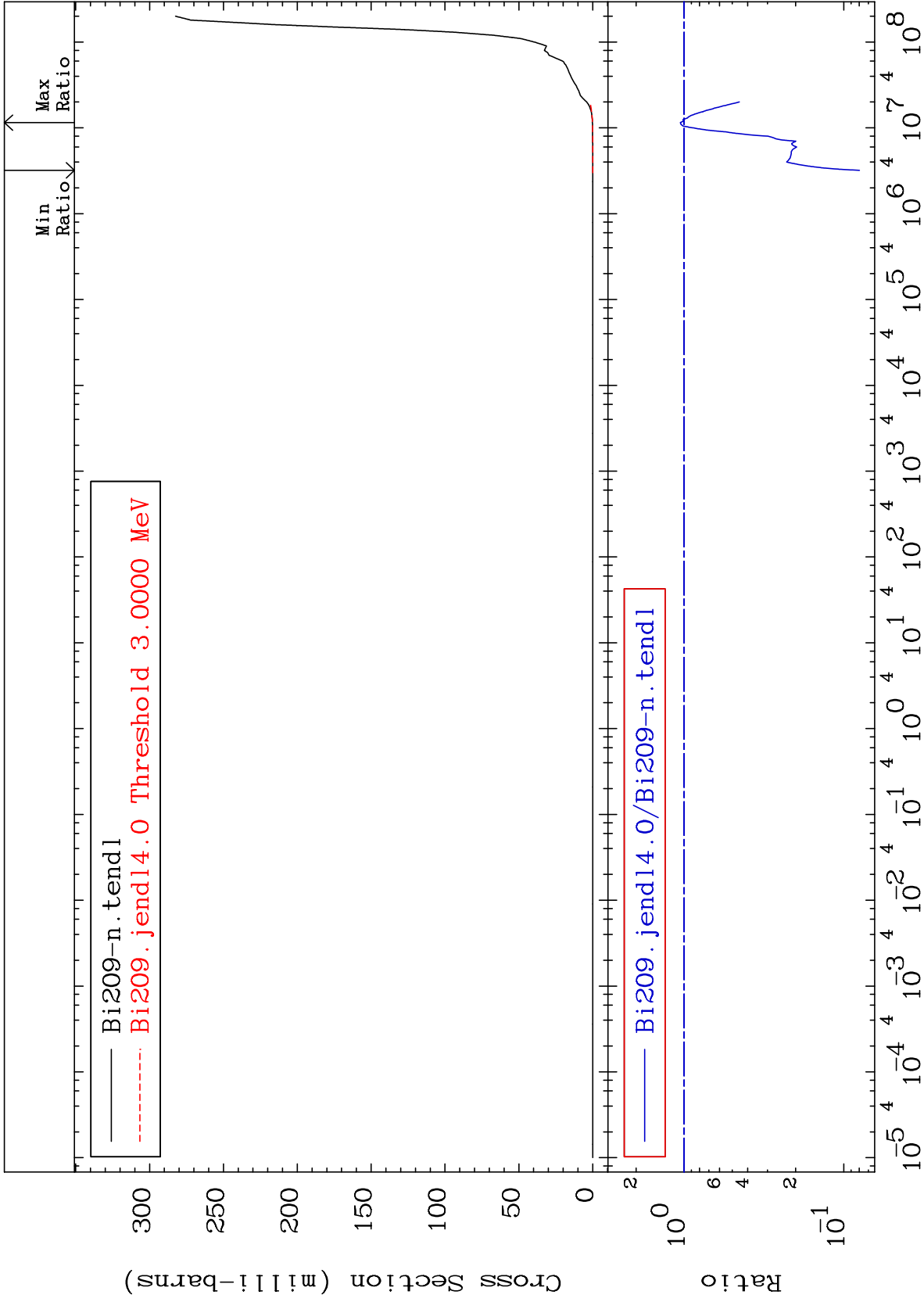


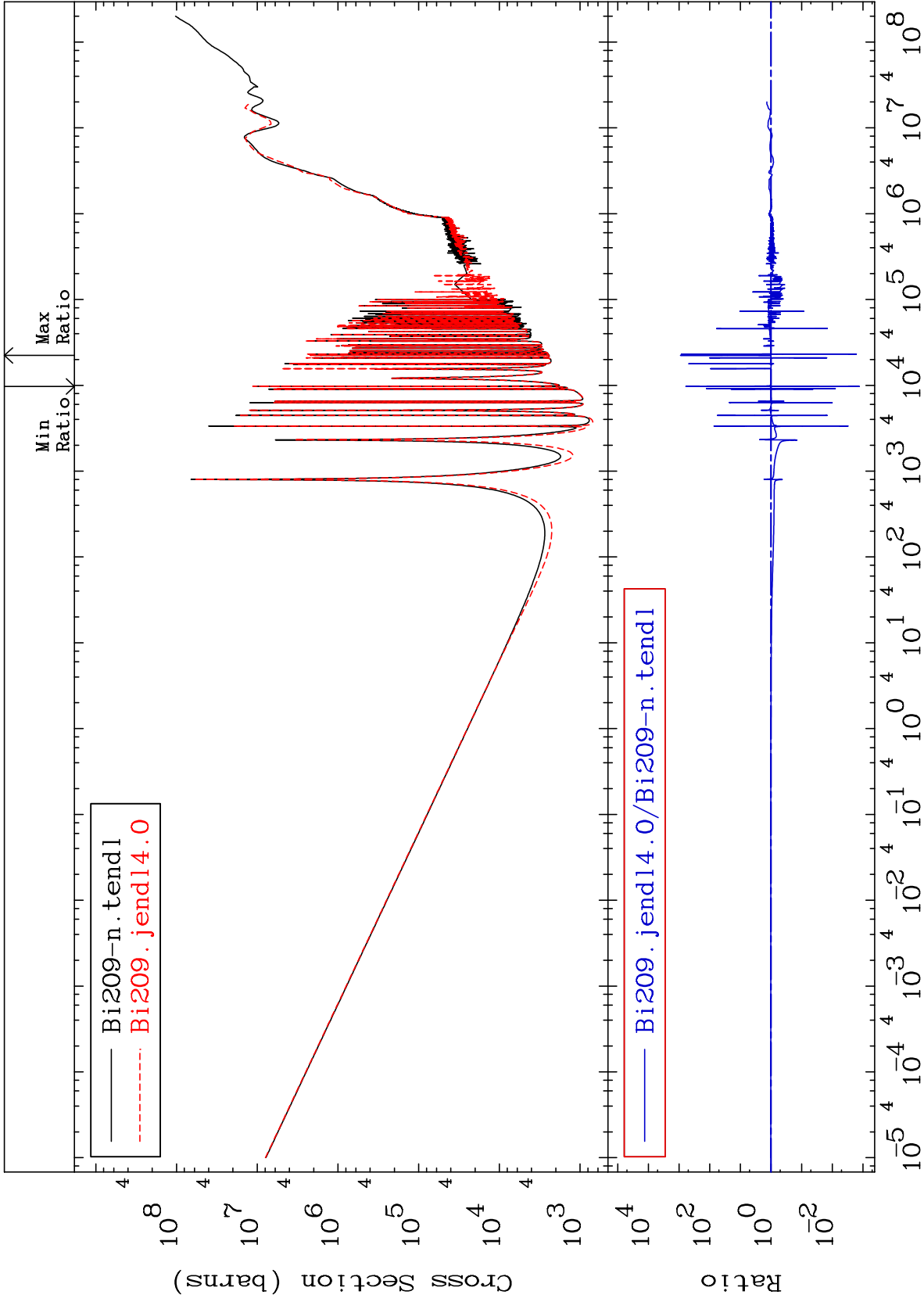


MAT 8325

He-4 Production  
Cross Section

83-Bi-209  
-92.03 To 5.514 %

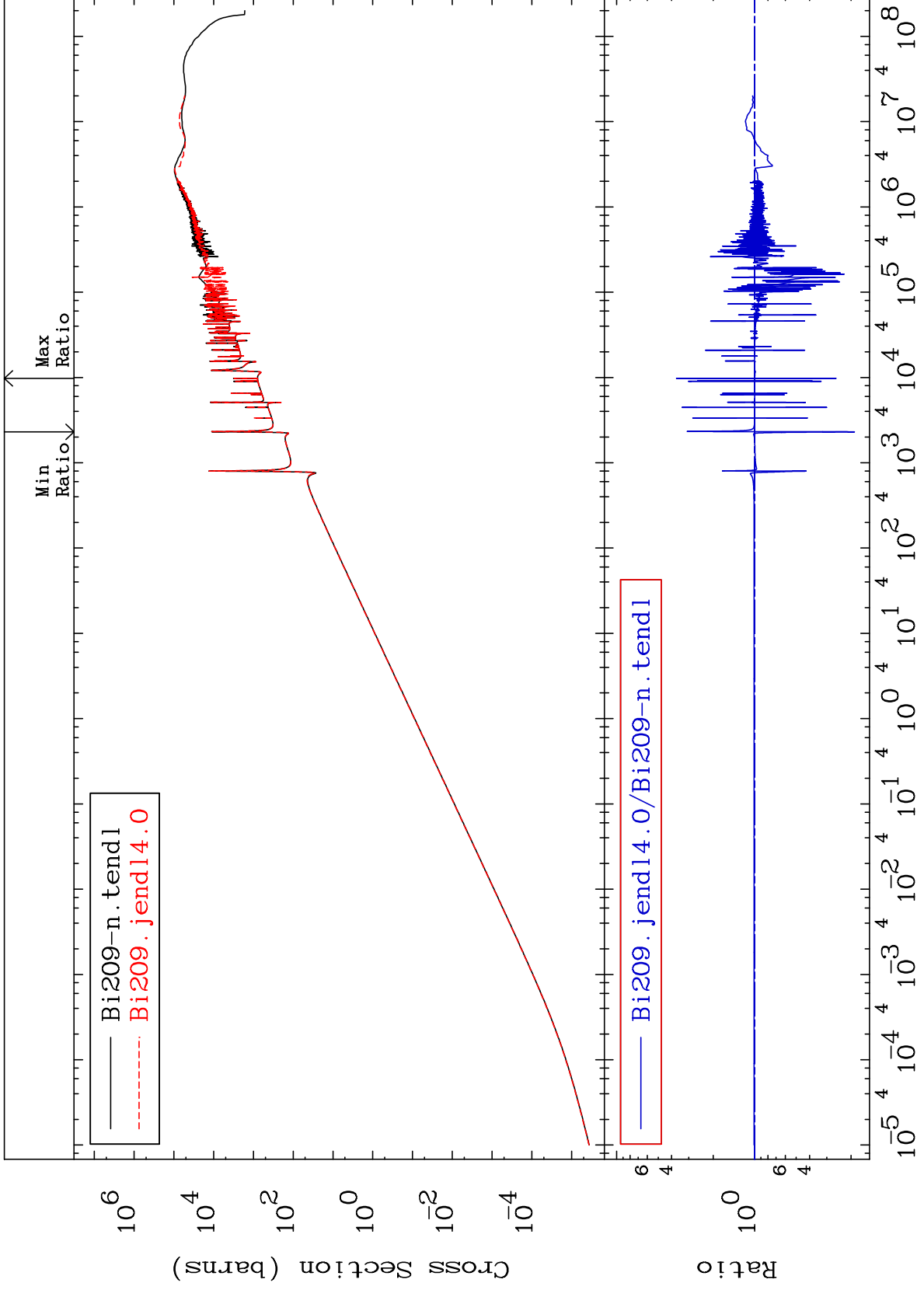




MAT 8325

Kerma elastic  
Cross Section

83-Bi-209  
-81.07 To 269.5 %



29

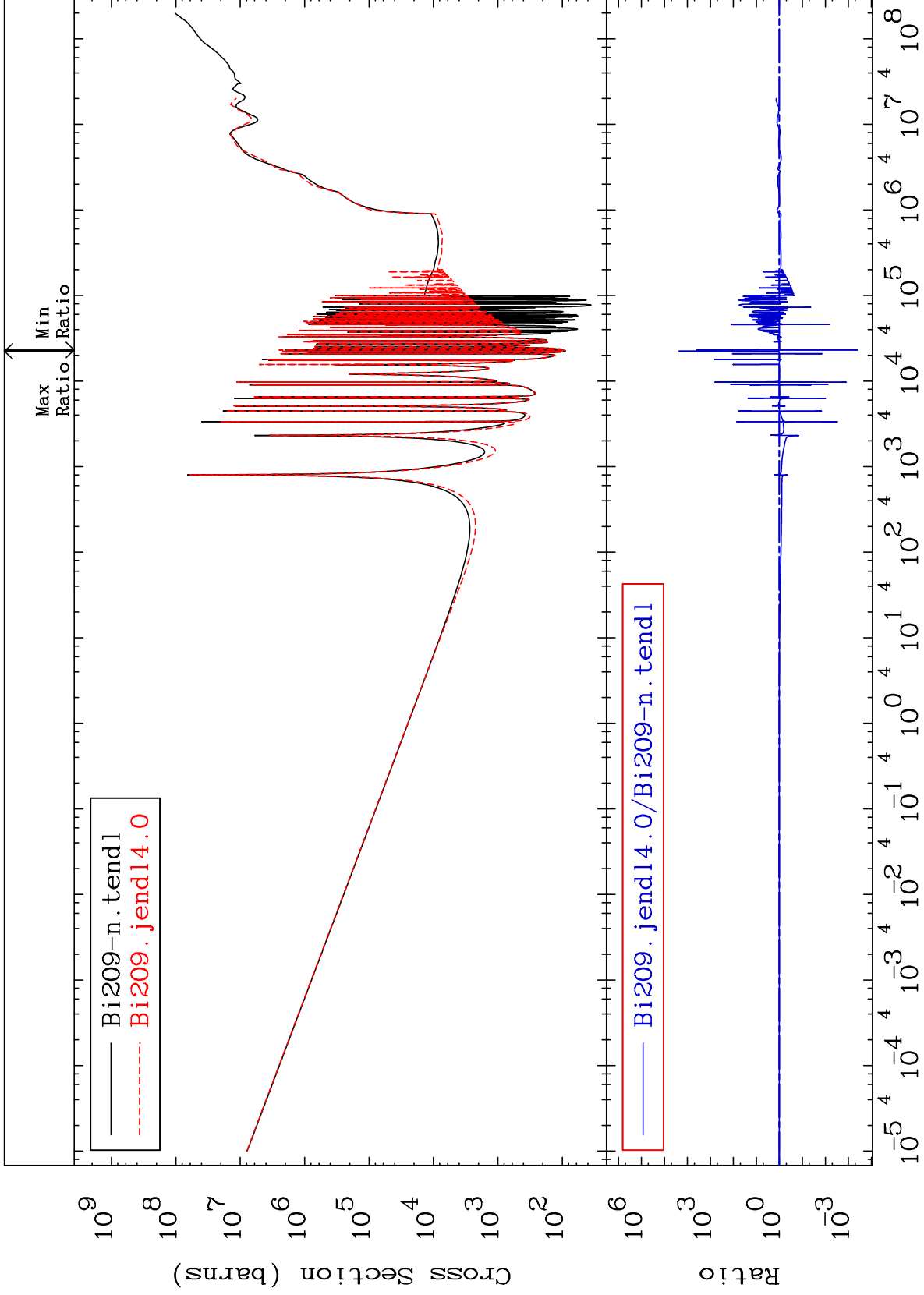
Incident Energy (eV)

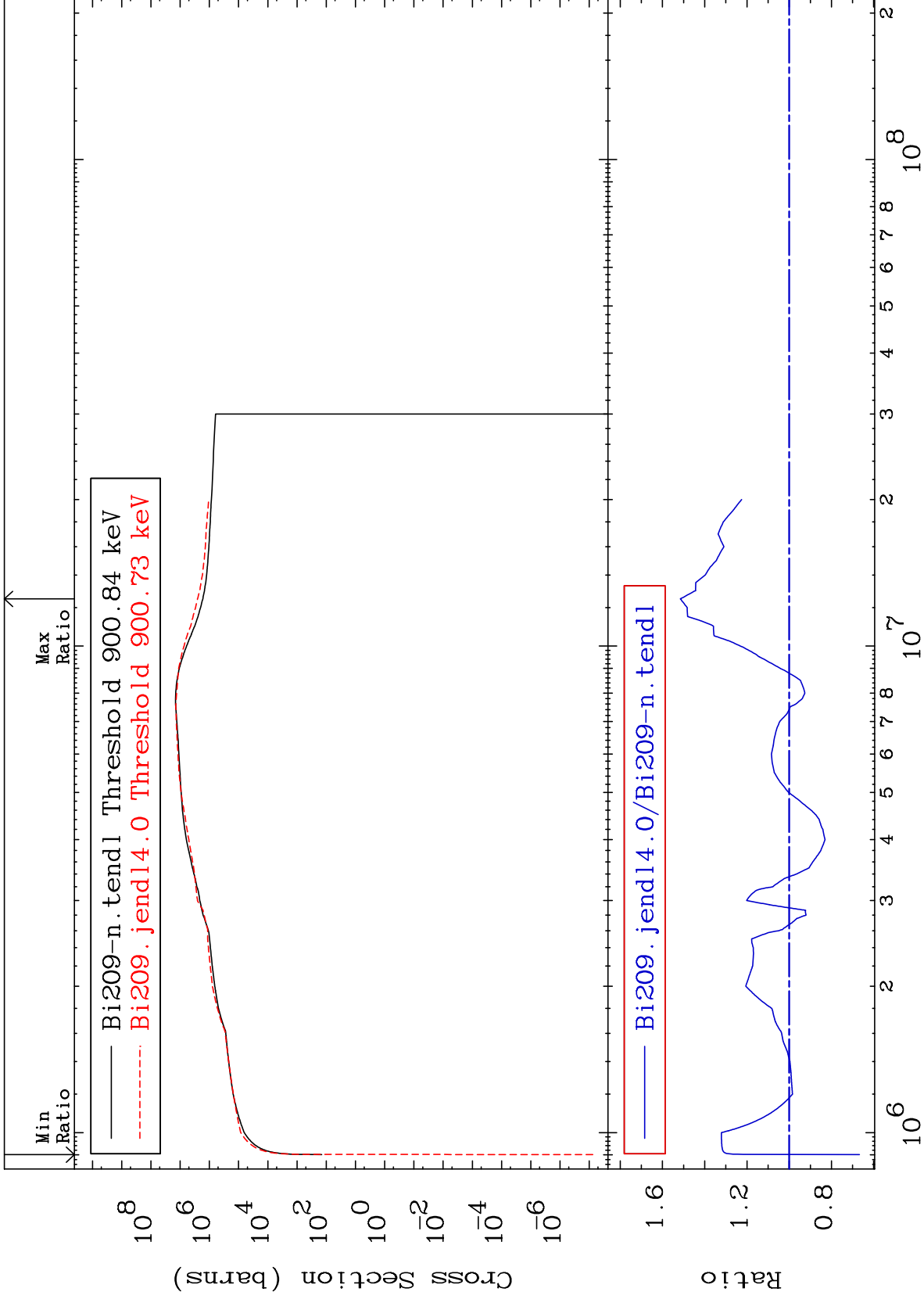
83-Bi-209

MAT 8325

Kerma non-elastic (all but mt2)  
Cross Section

83-Bi-209  
-99.96 To 9999. %





MAT 8325

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

83-Bi-209  
-33.25 To 51.54 %

