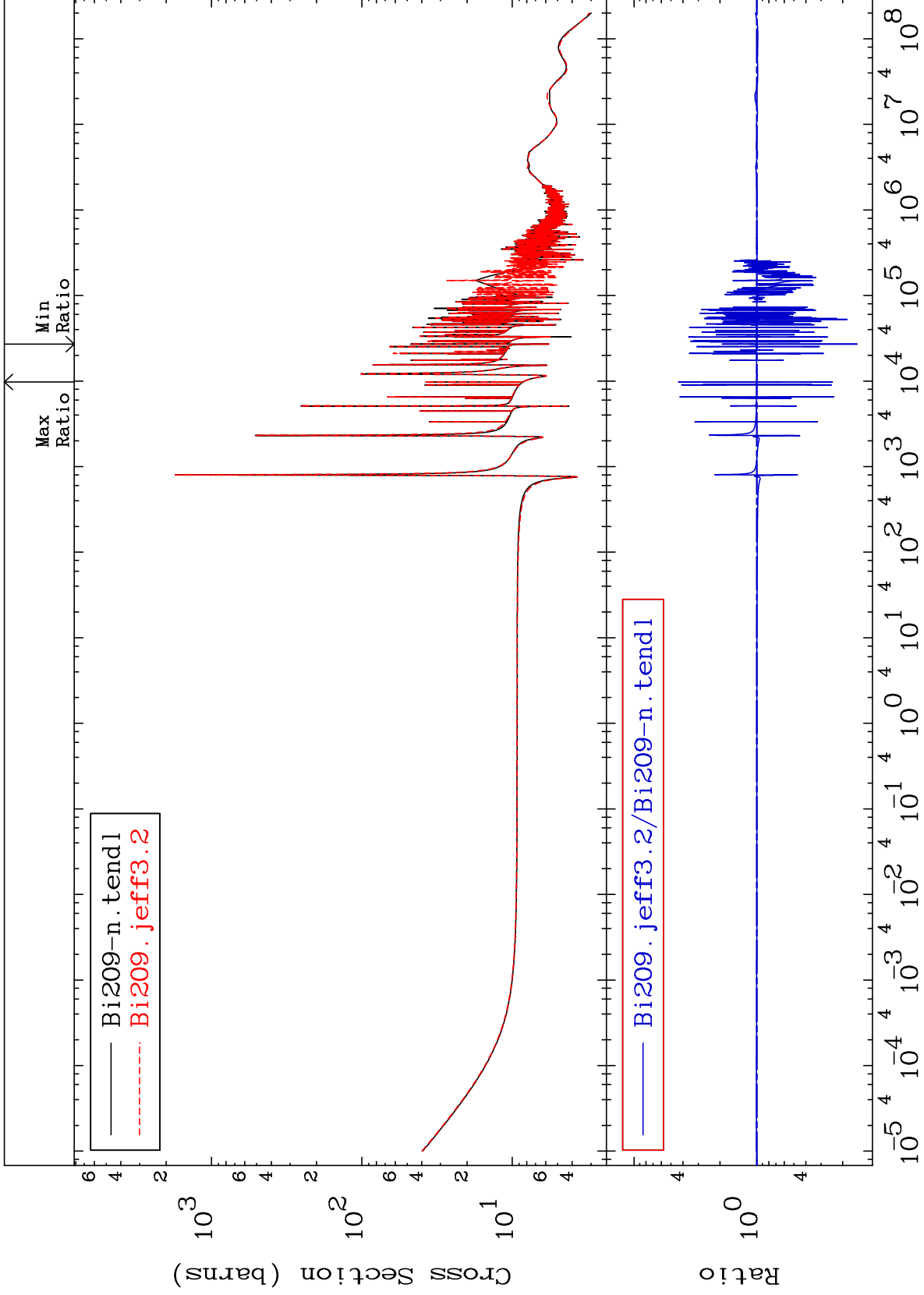


MAT 8325

Total
Cross Section

83-Bi-209
-84.75 To 333.2 %



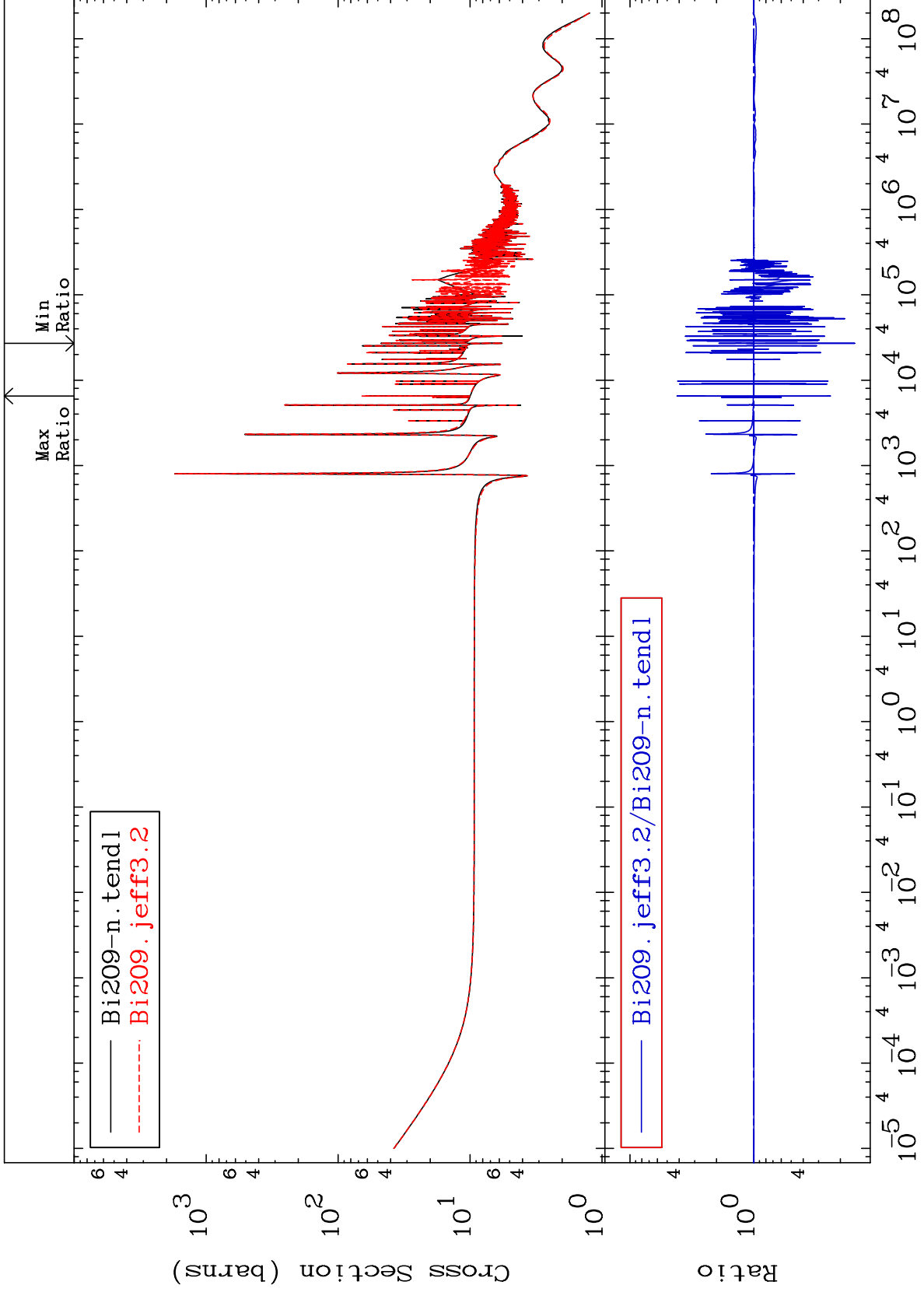
Incident Energy (eV)

83-Bi-209

MAT 8325

Elastic
Cross Section

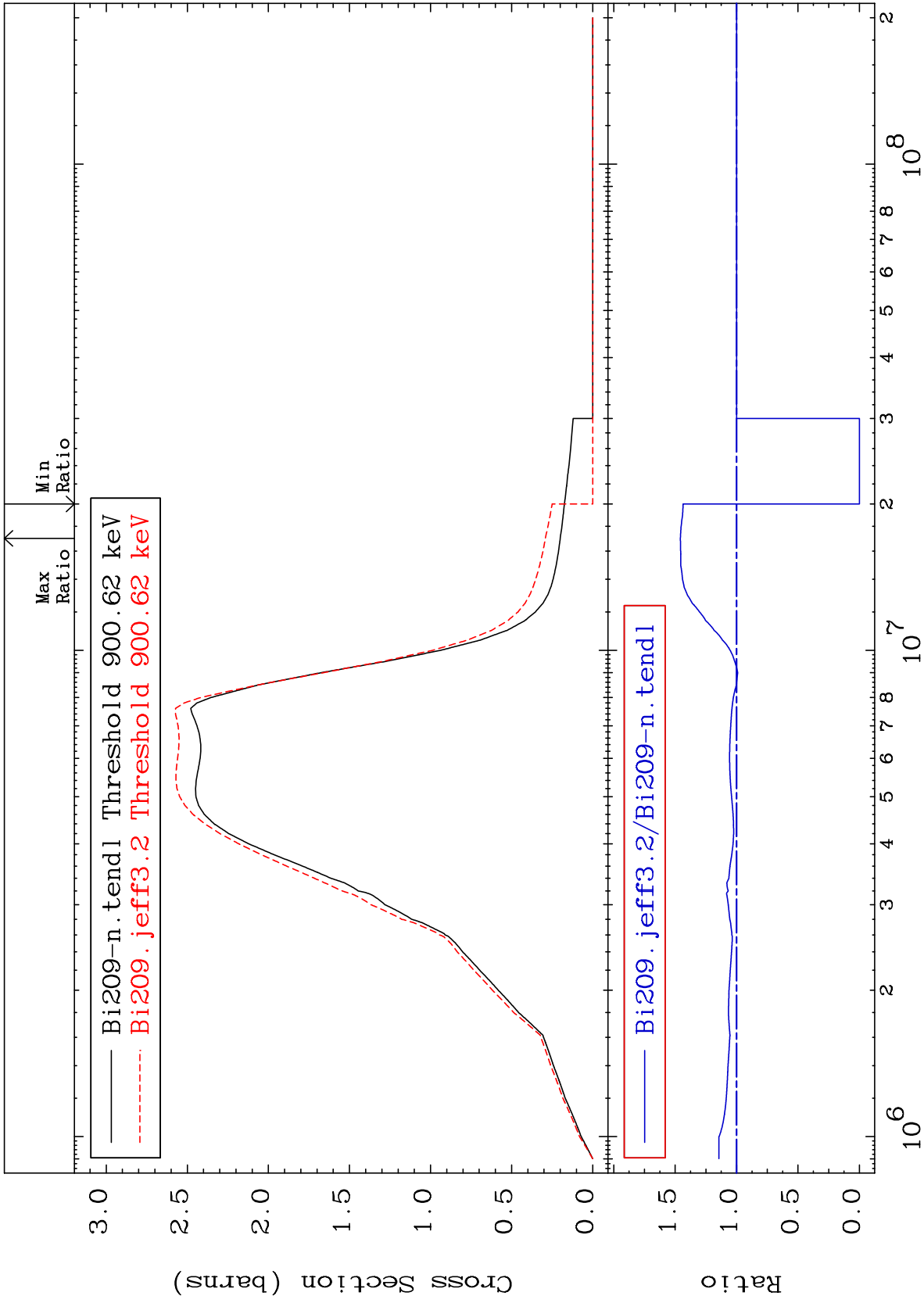
83-Bi-209
-84.77 To 317.4 %



MAT 8325

Inelastic
Cross Section

83-Bi-209
-100.0 To 45.78 %

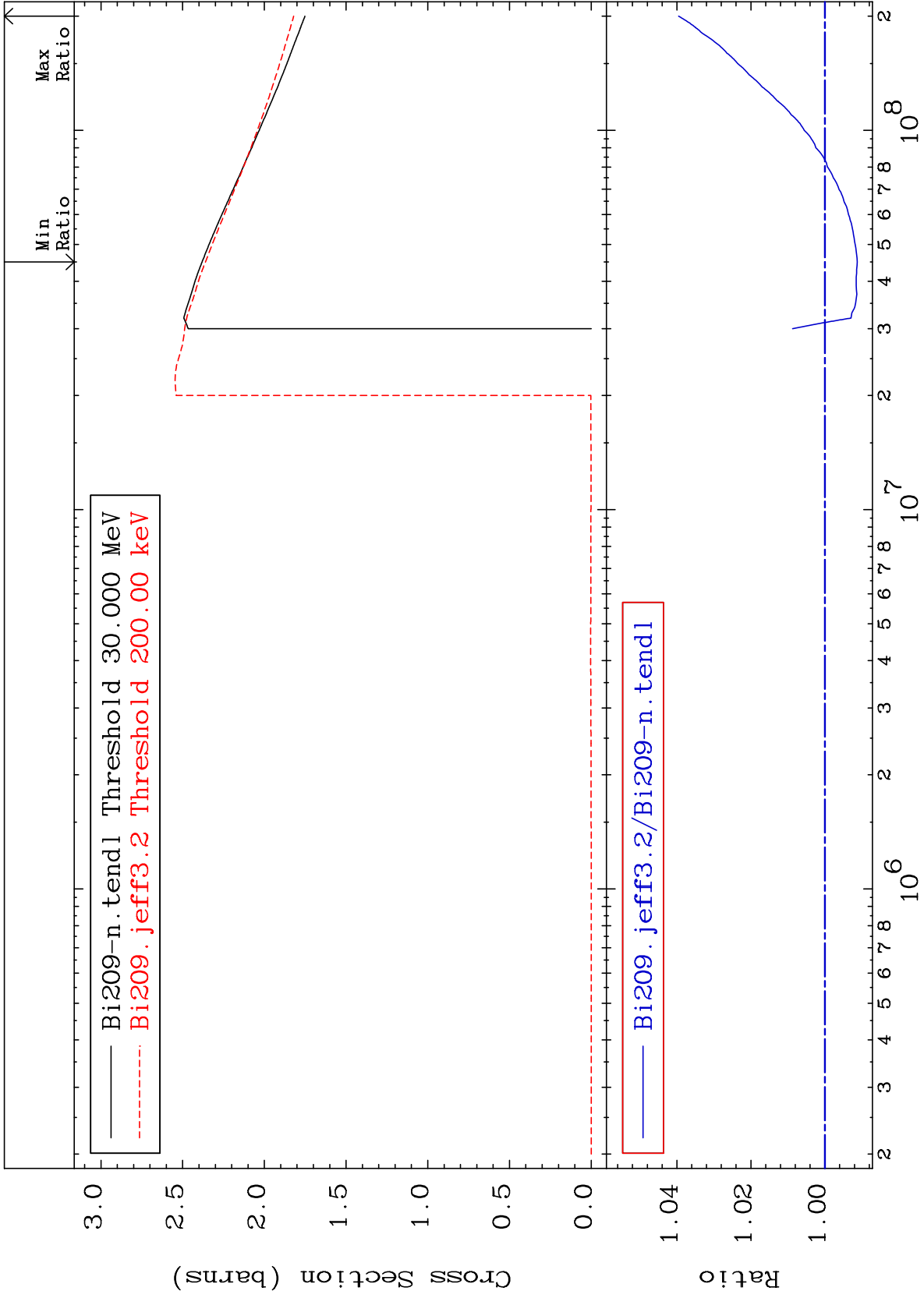


83-Bi-209

MAT 8325

(n, remainder)
Cross Section

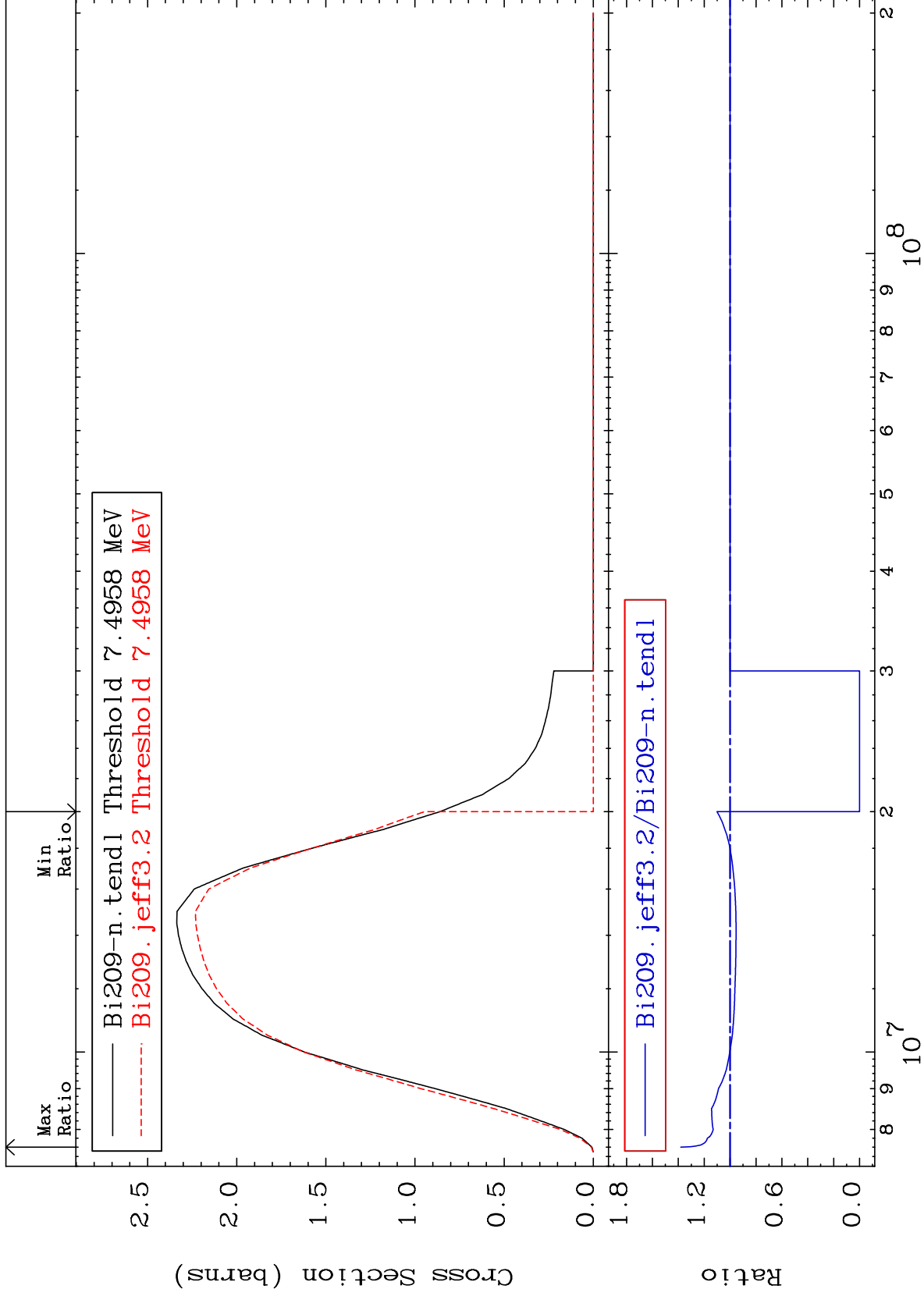
83-Bi-209
-0.875 To 3.953 %



MAT 8325

(n,2n)
Cross Section

83-Bi-209
-100.0 To 38.11 %



5

Incident Energy (eV)

83-Bi-209

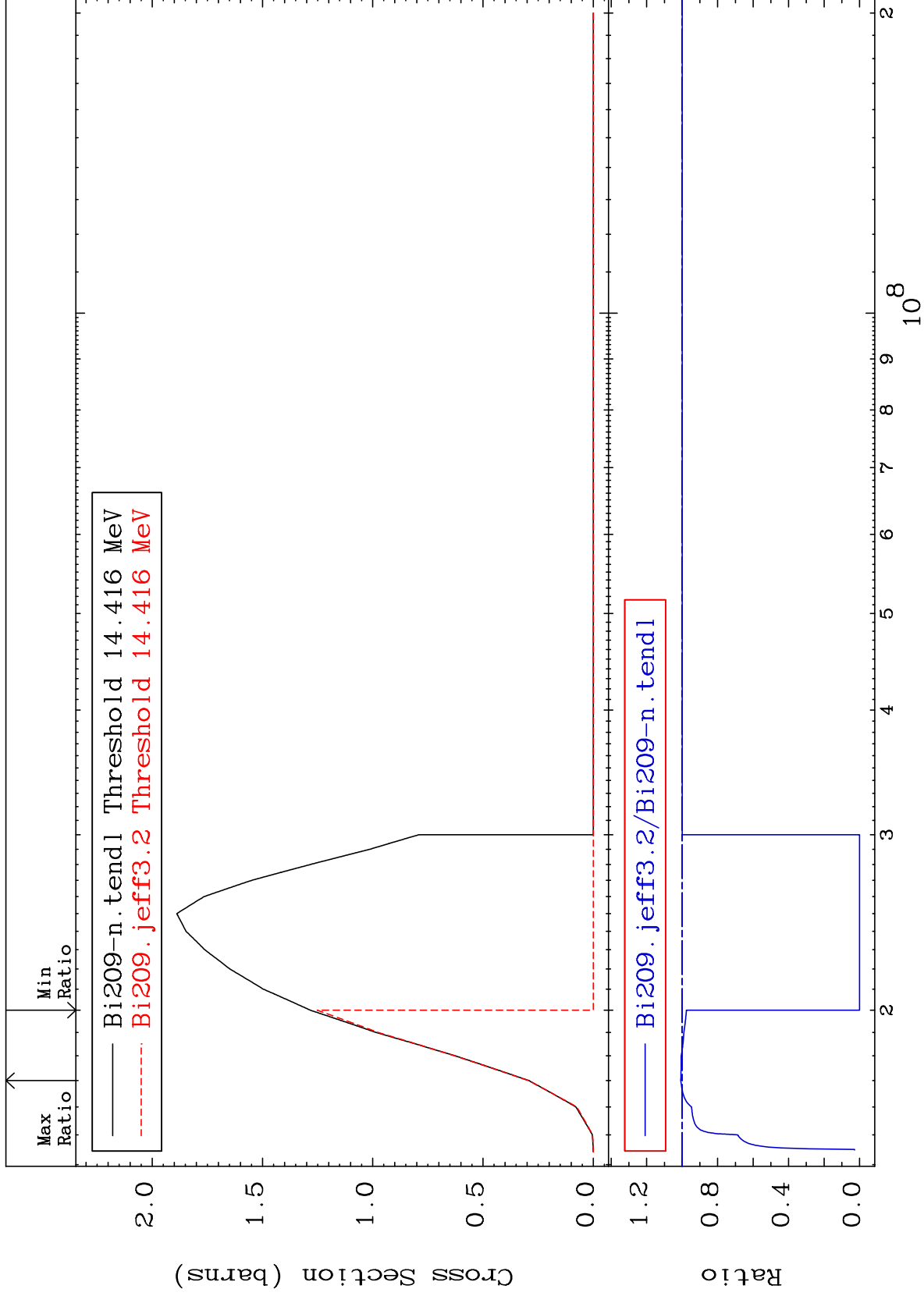
MAT 8325

(n,3n)

83-Bi-209

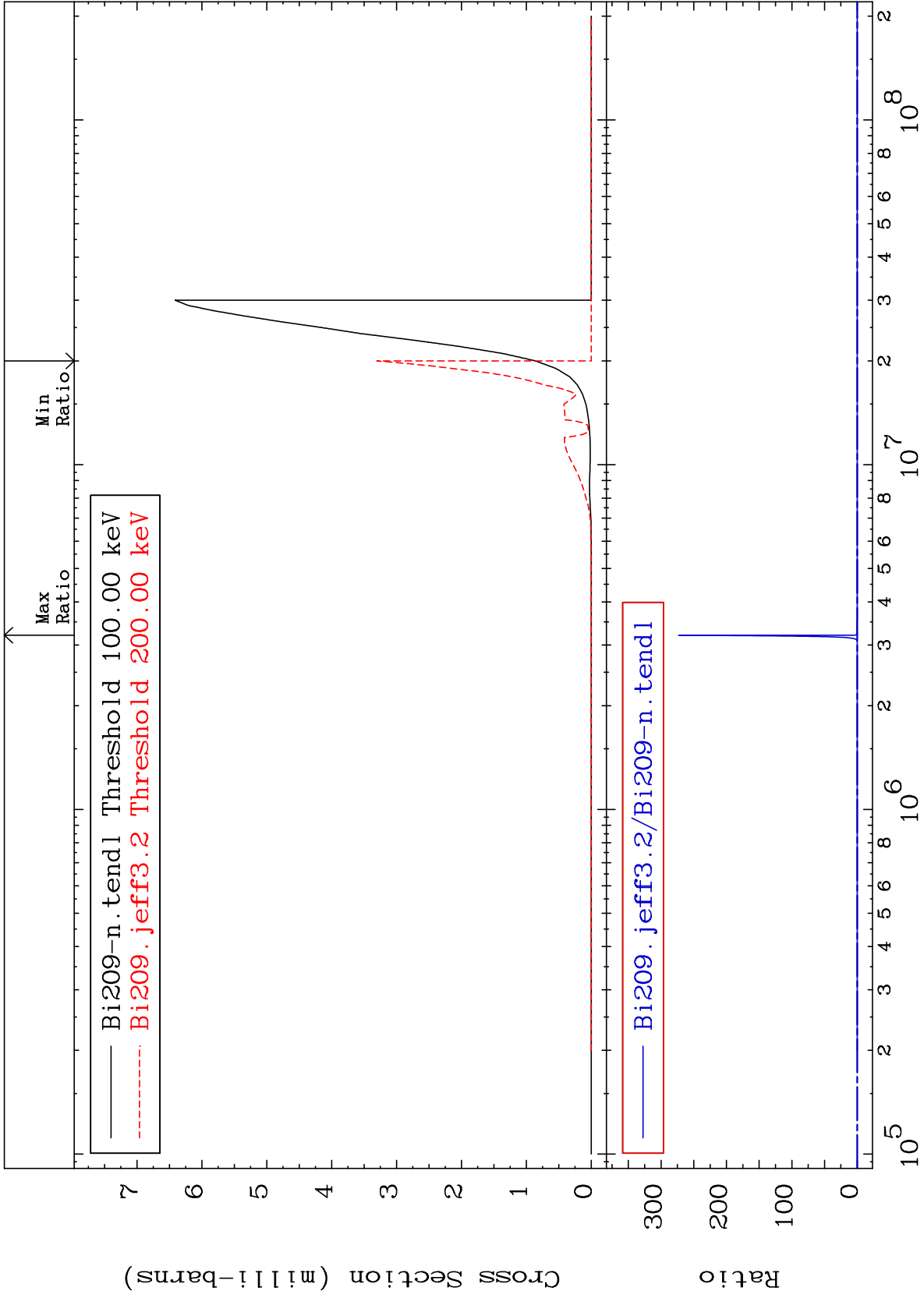
Cross Section

-100.0 To 0.785 %



MAT 8325

(n, n') α
Cross Section
83-Bi-209
-100.0 To 9999. %



83-Bi-209

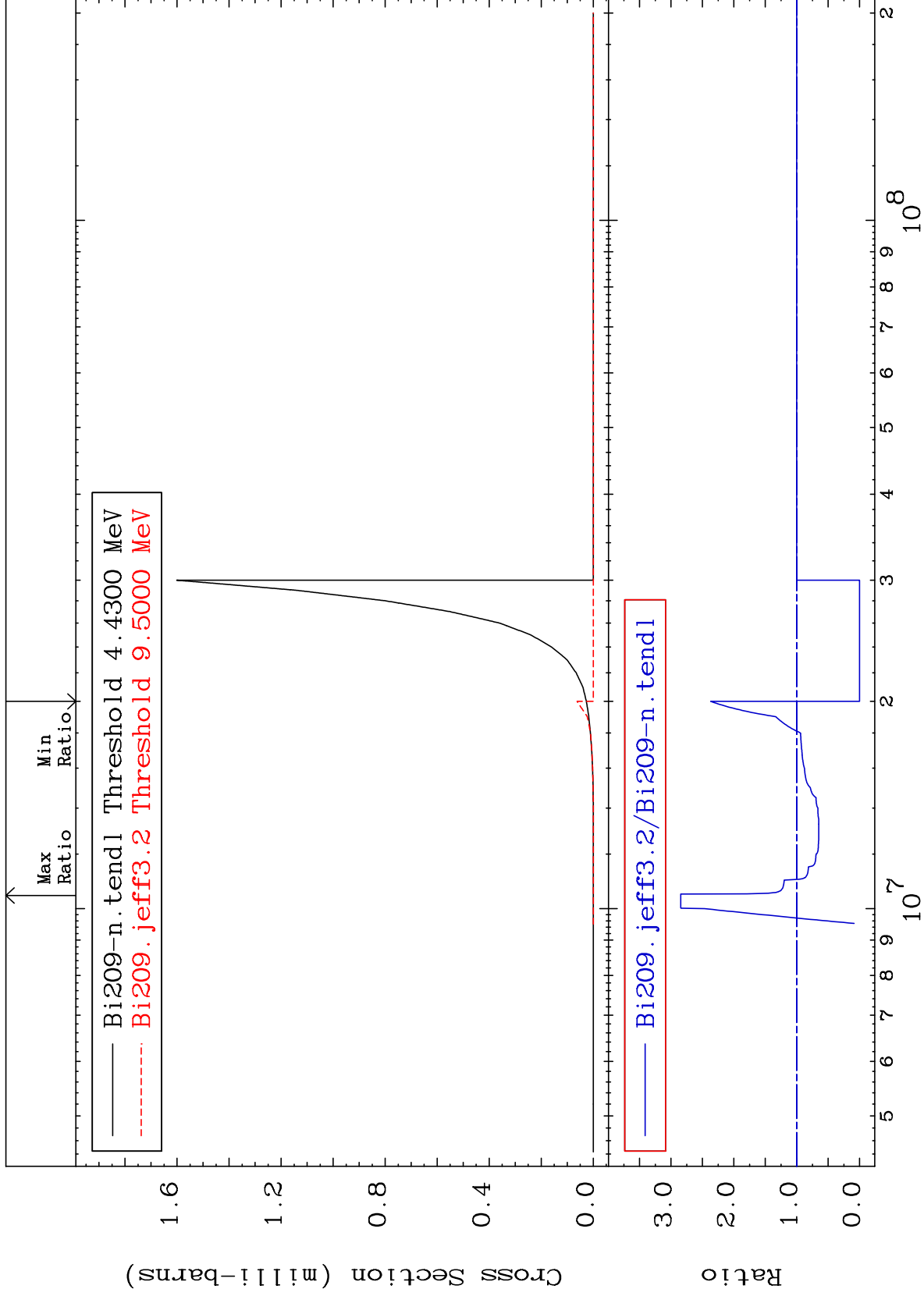
Incident Energy (eV)

7

MAT 8325

(n,2n) α
Cross Section

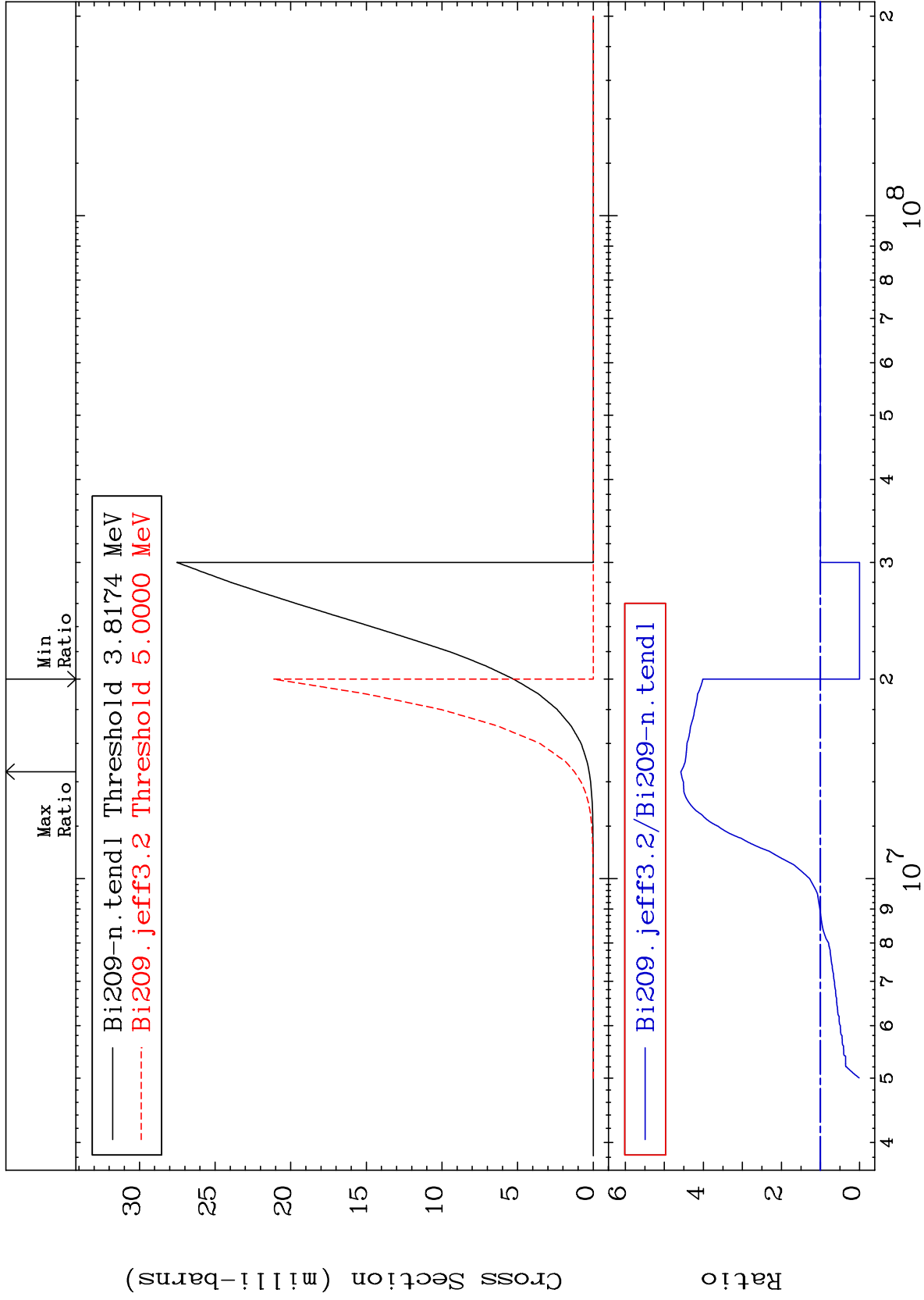
83-Bi-209
-100.0 To 184.4 %



MAT 8325

(n, n') p
Cross Section

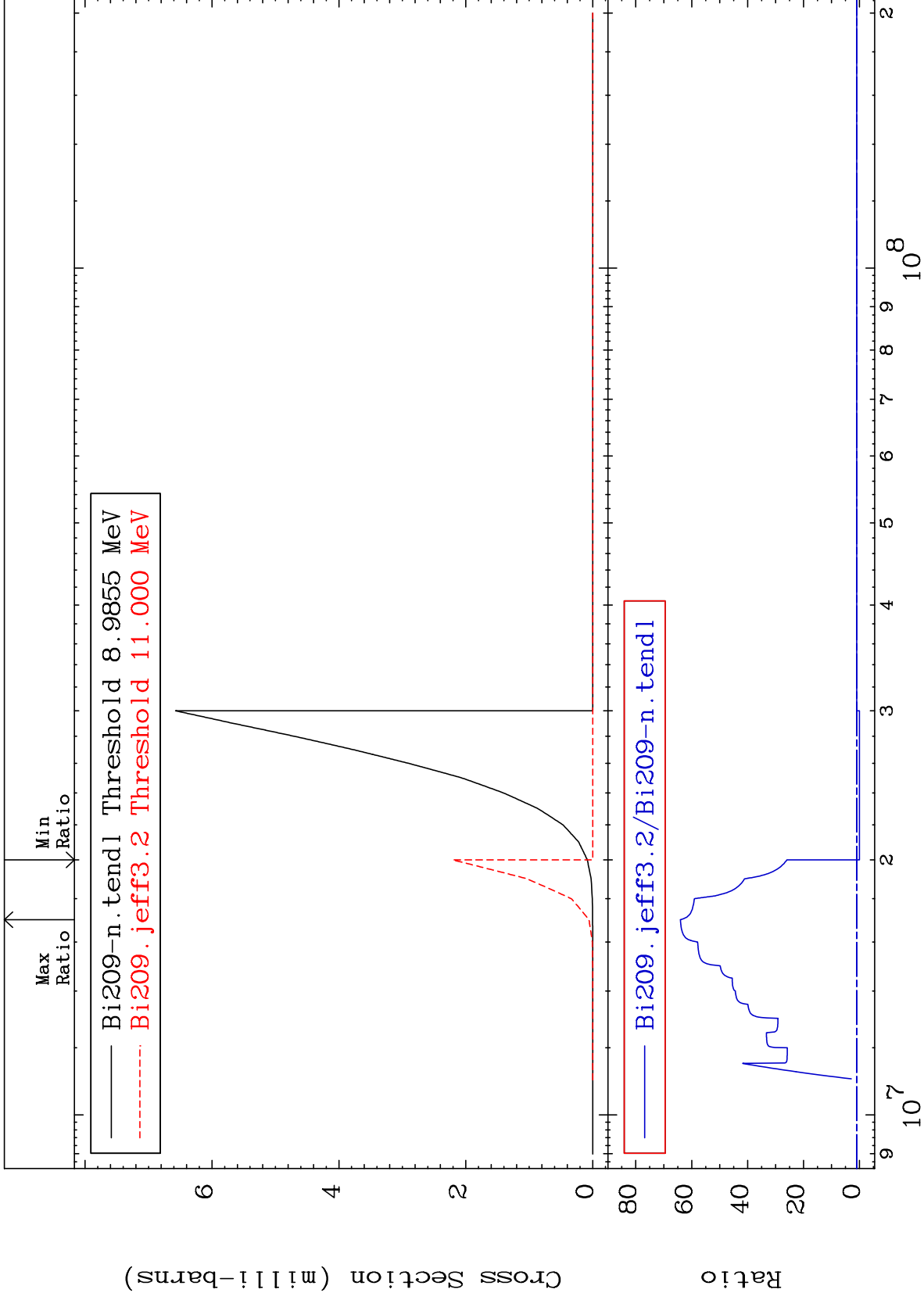
83-Bi-209
-100.0 To 357.9 %



MAT 8325

(n,n') d
Cross Section

83-Bi-209
-100.0 To 6305. %



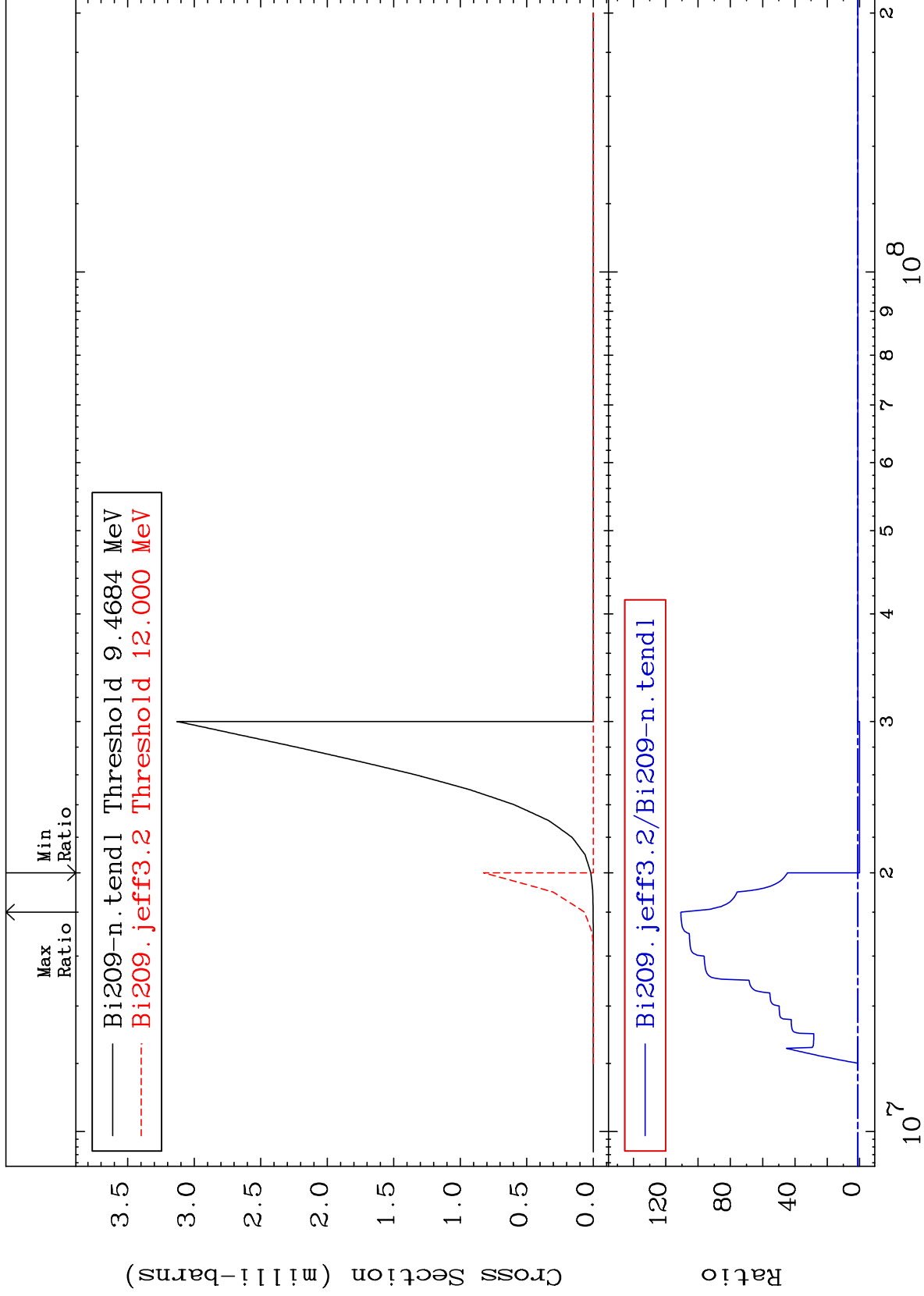
Incident Energy (eV)

83-Bi-209

MAT 8325

(n,n') t
Cross Section

83-Bi-209
-100.0 To 9999. %



11

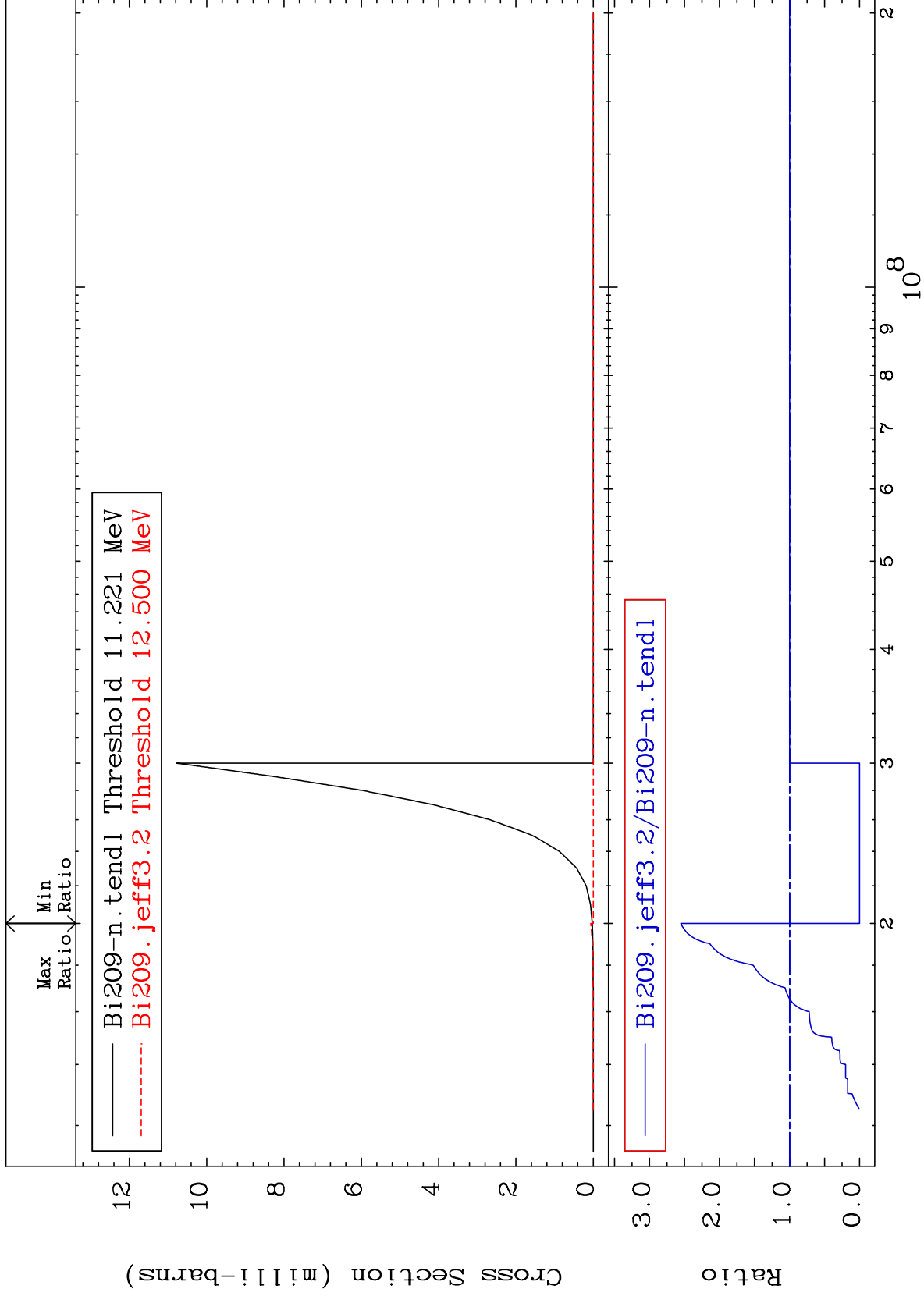
Incident Energy (eV)

83-Bi-209

MAT 8325

(n,2n) p
Cross Section

83-Bi-209
-100.0 To 155.3 %



12

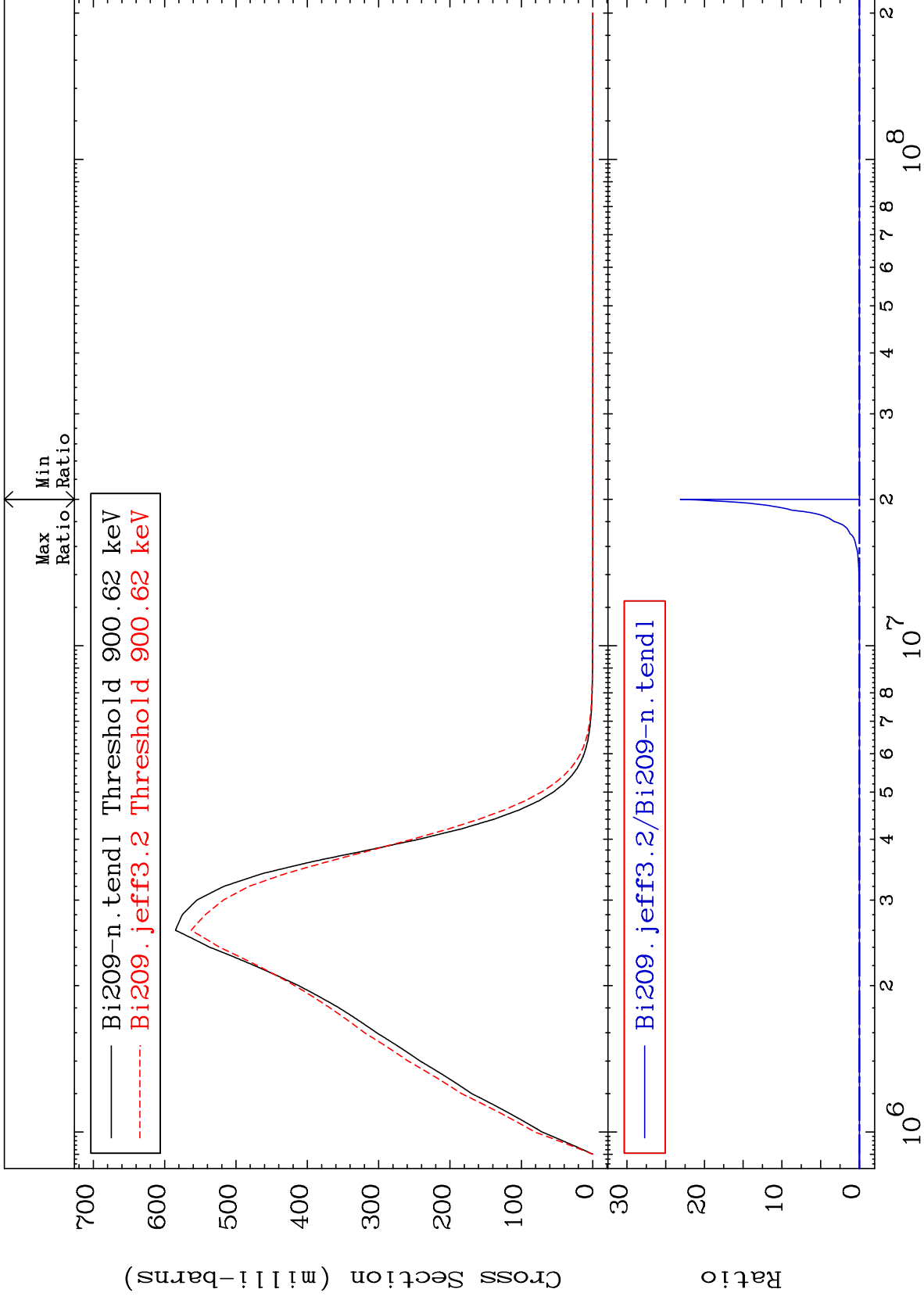
Incident Energy (eV)

83-Bi-209

MAT 8325

896.3 keV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 9999. %



13

Incident Energy (eV)

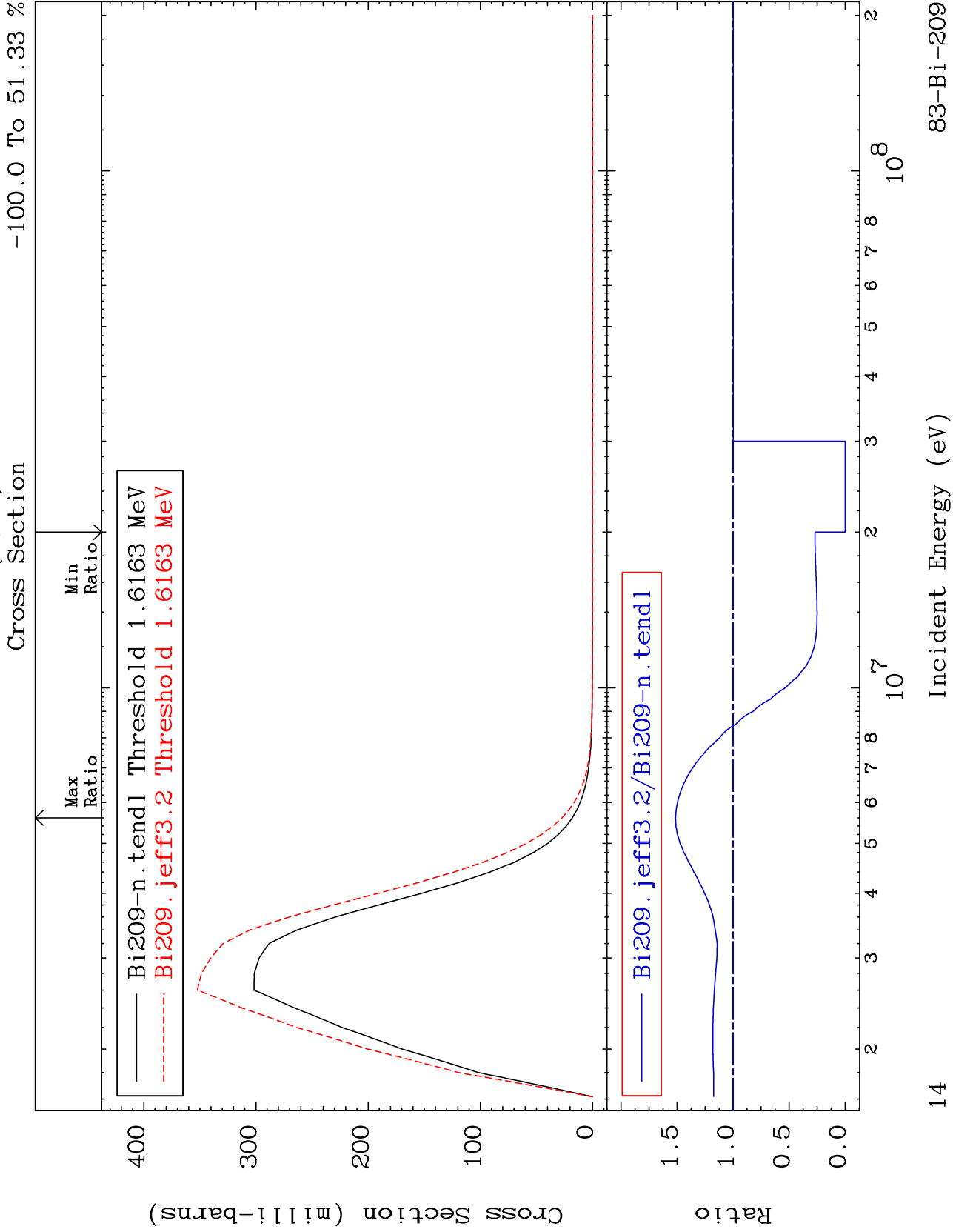
83-Bi-209

MAT 8325

1.609 MeV (n,n') Level

83-Bi-209

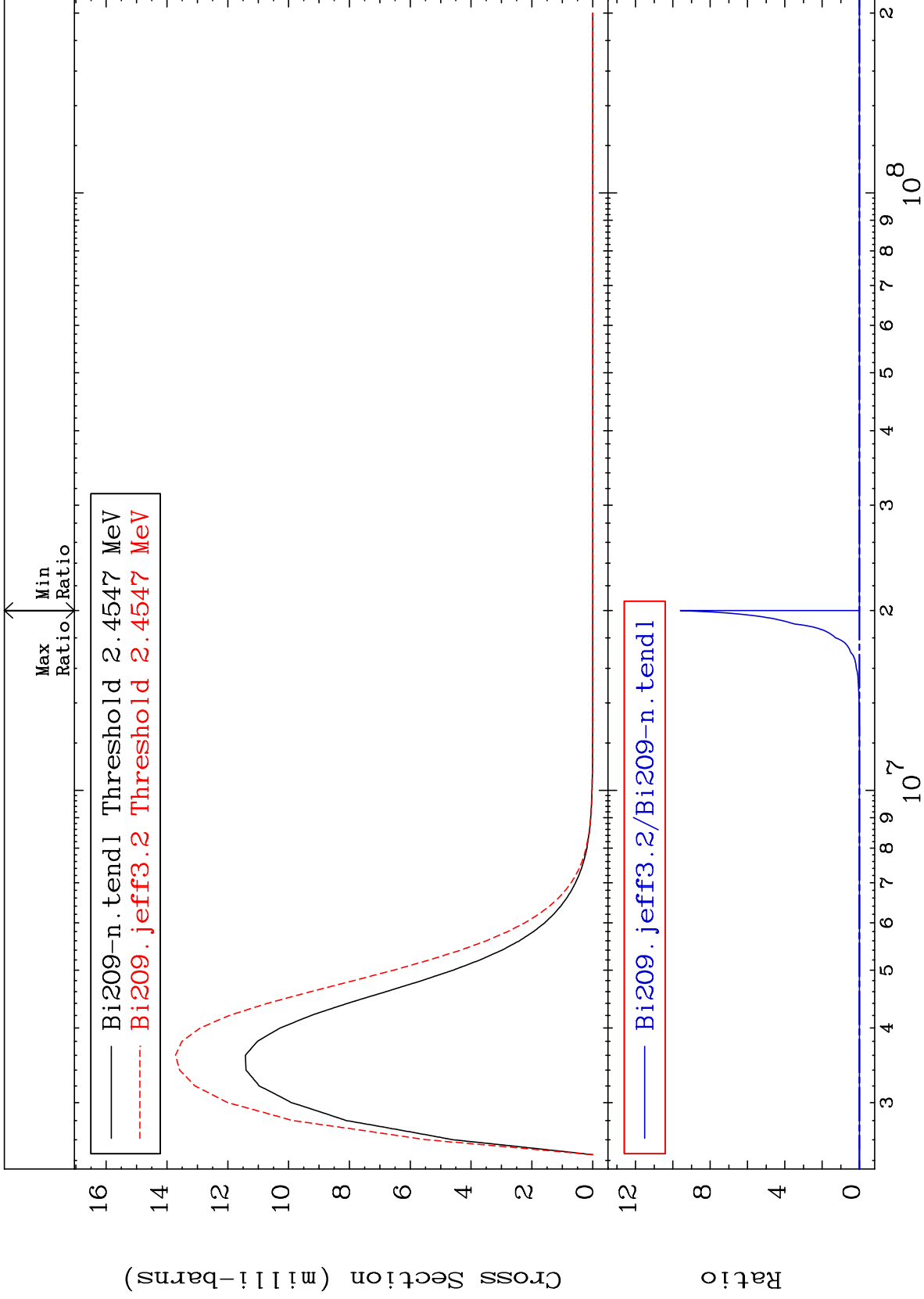
-100.0 To 51.33 %



MAT 8325

2.443 MeV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 9999. %



15

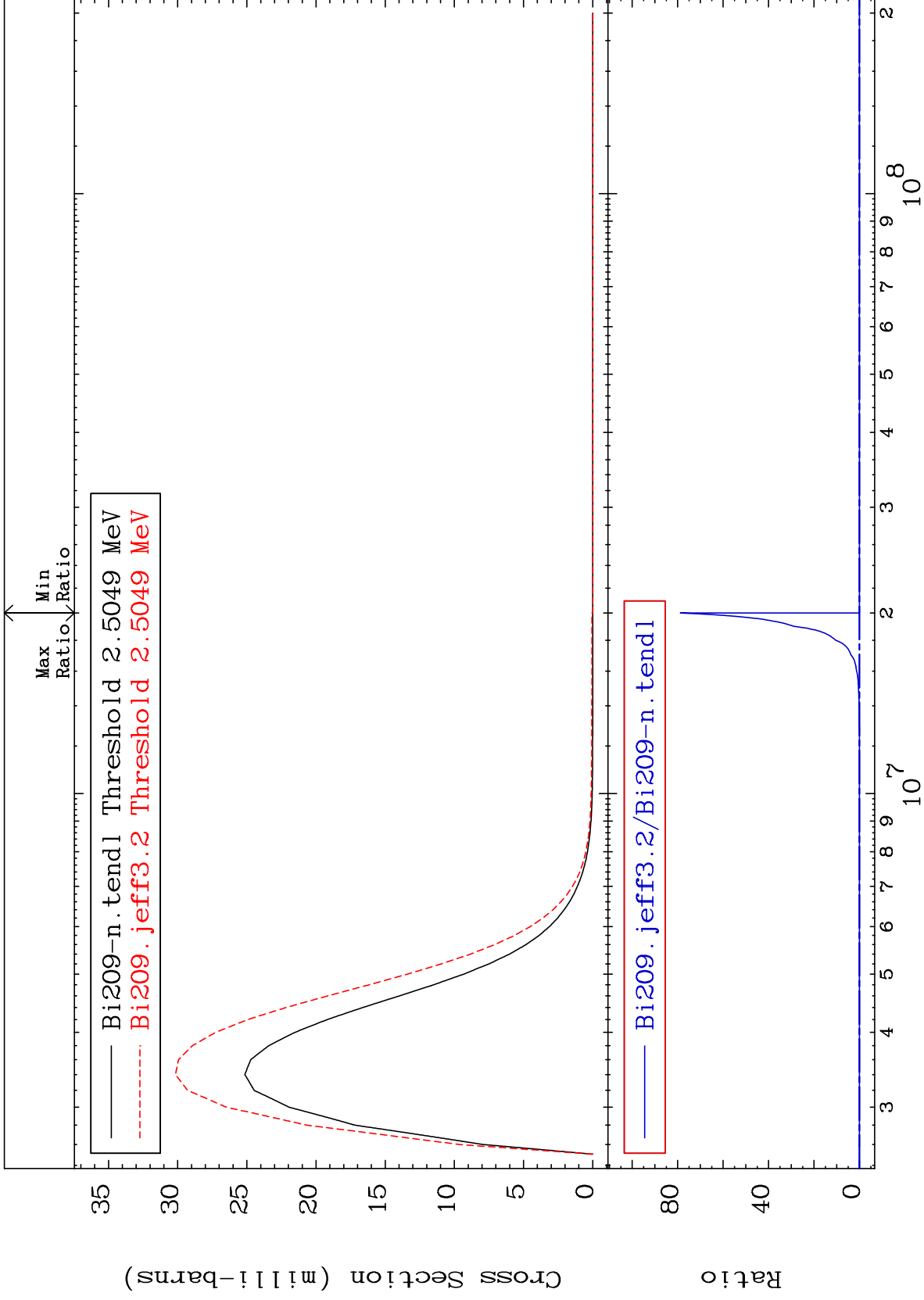
Incident Energy (eV)

83-Bi-209

MAT 8325

2.493 MeV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 9999. %



16

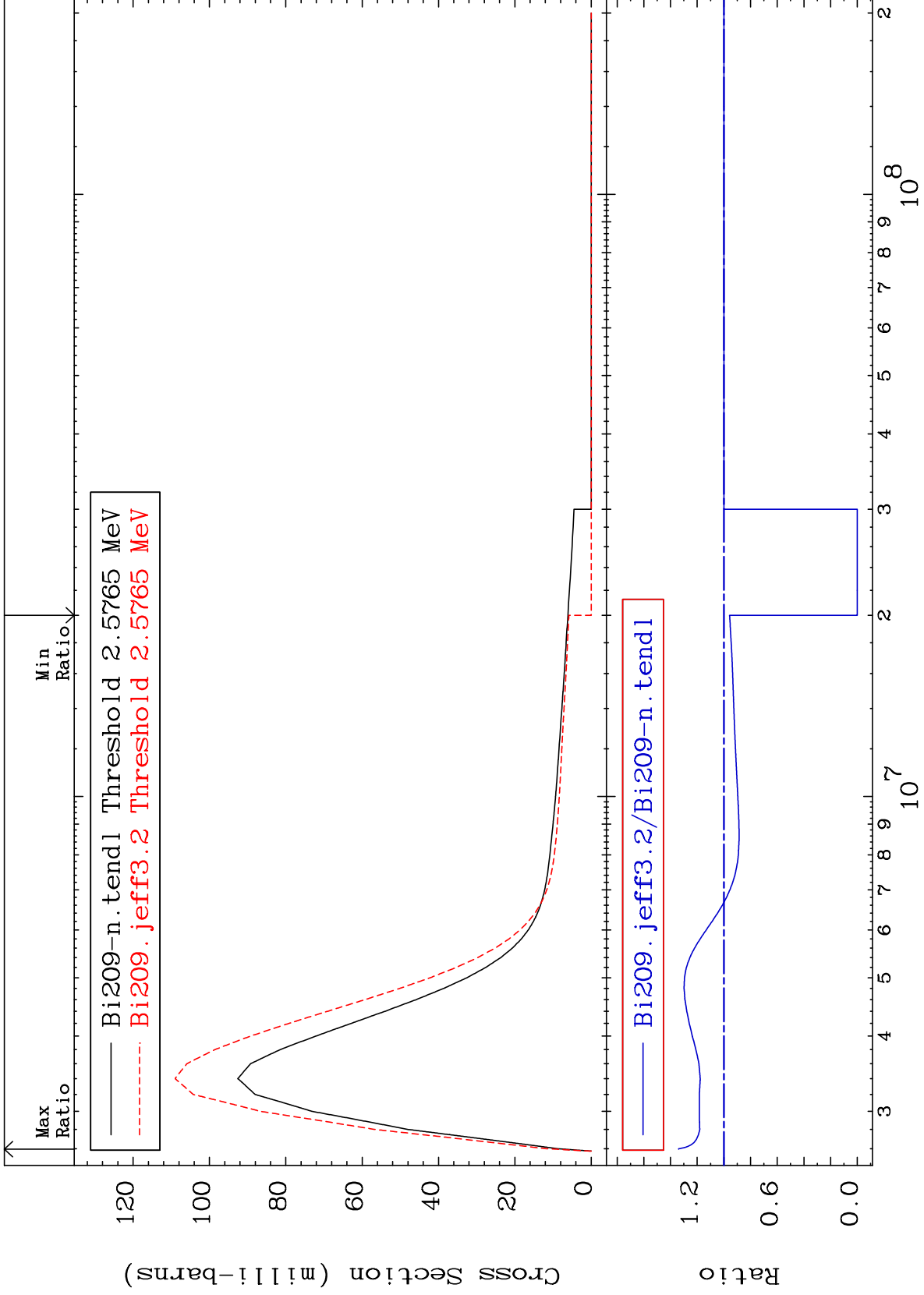
Incident Energy (eV)

83-Bi-209

MAT 8325

2.564 MeV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 33.92 %



17

Incident Energy (eV)

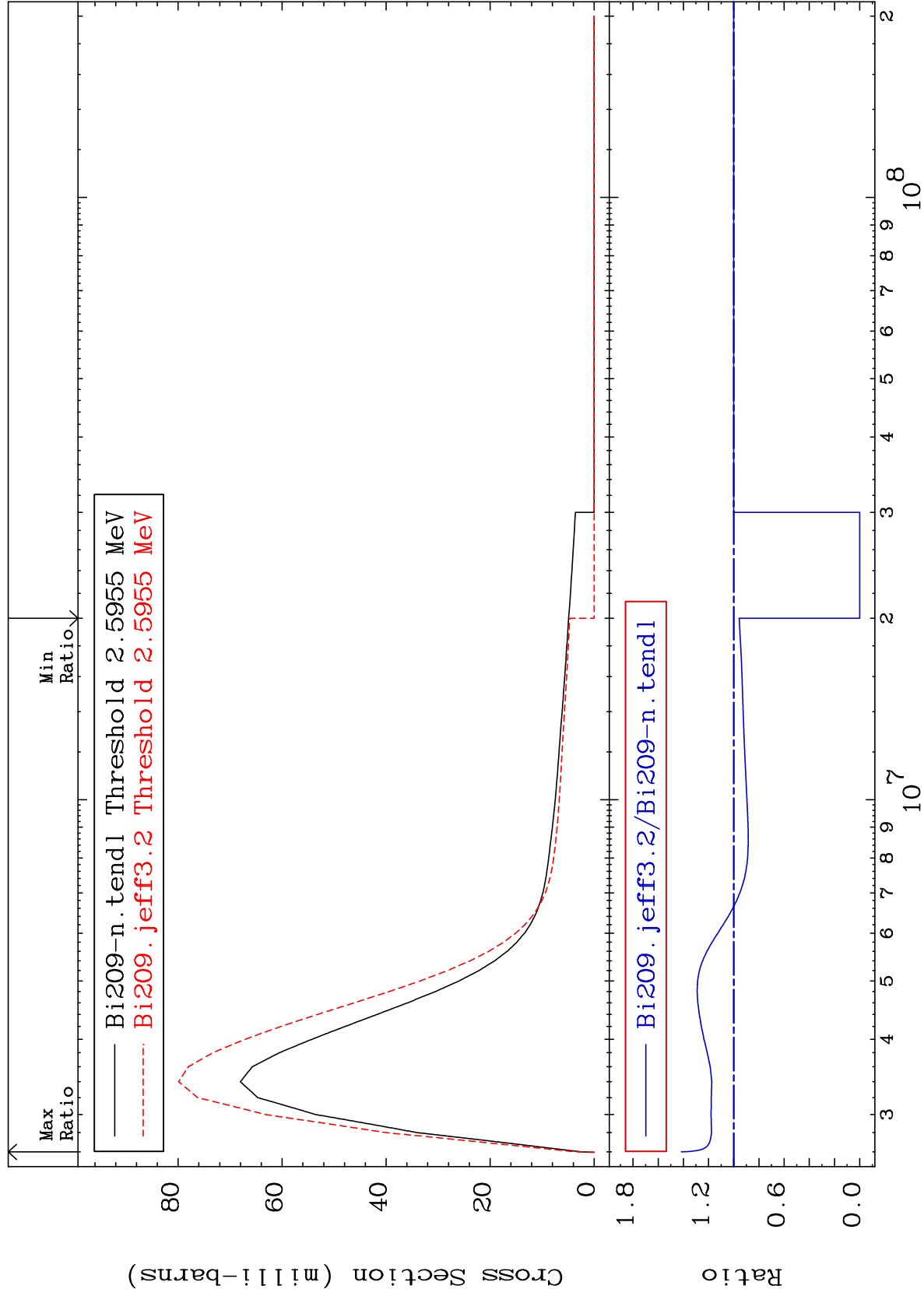
83-Bi-209

MAT 8325

2.583 MeV (n,n') Level

83-Bi-209

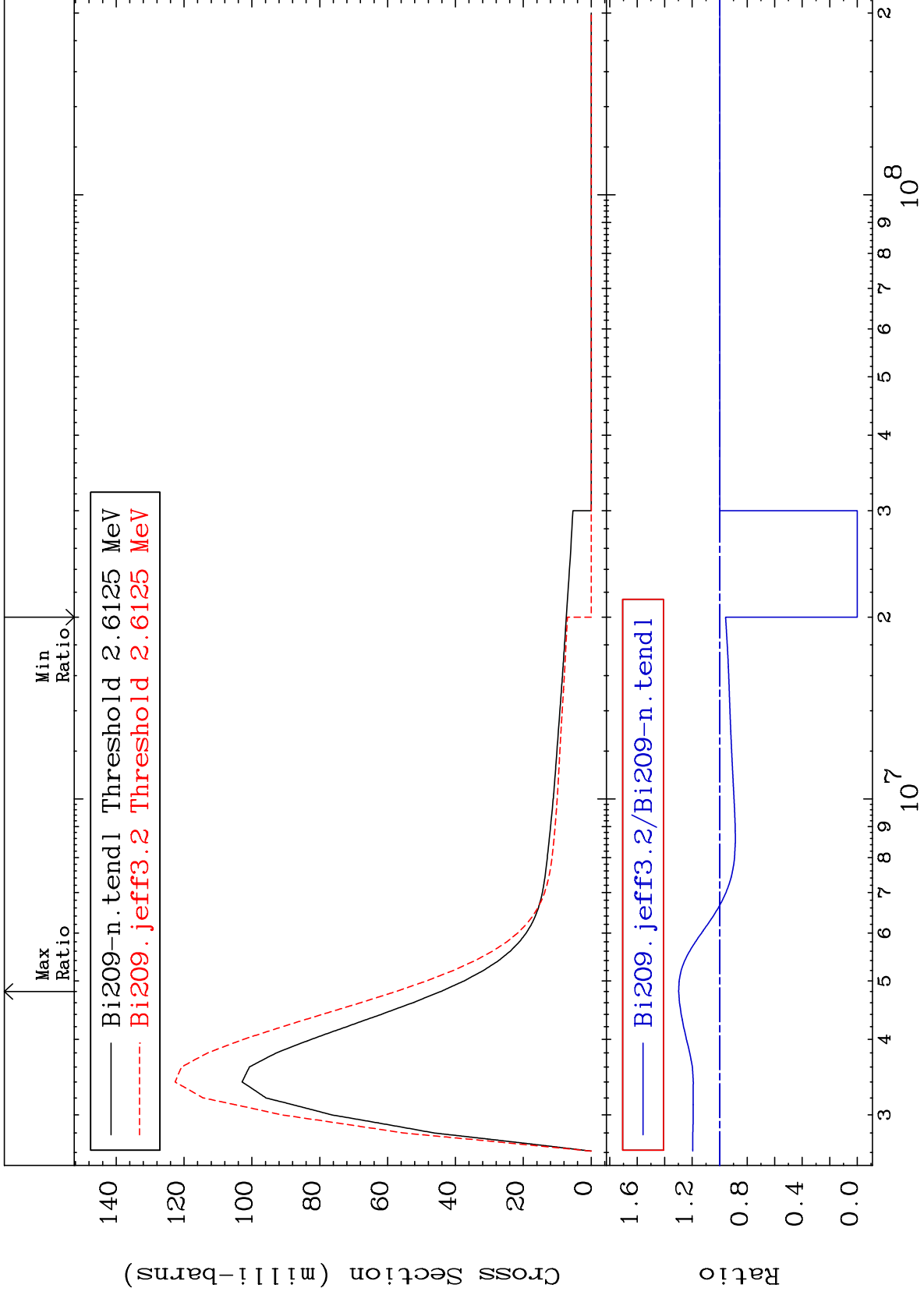
-100.0 To 41.59 %



MAT 8325

2.600 MeV (n,n') Level
Cross Section

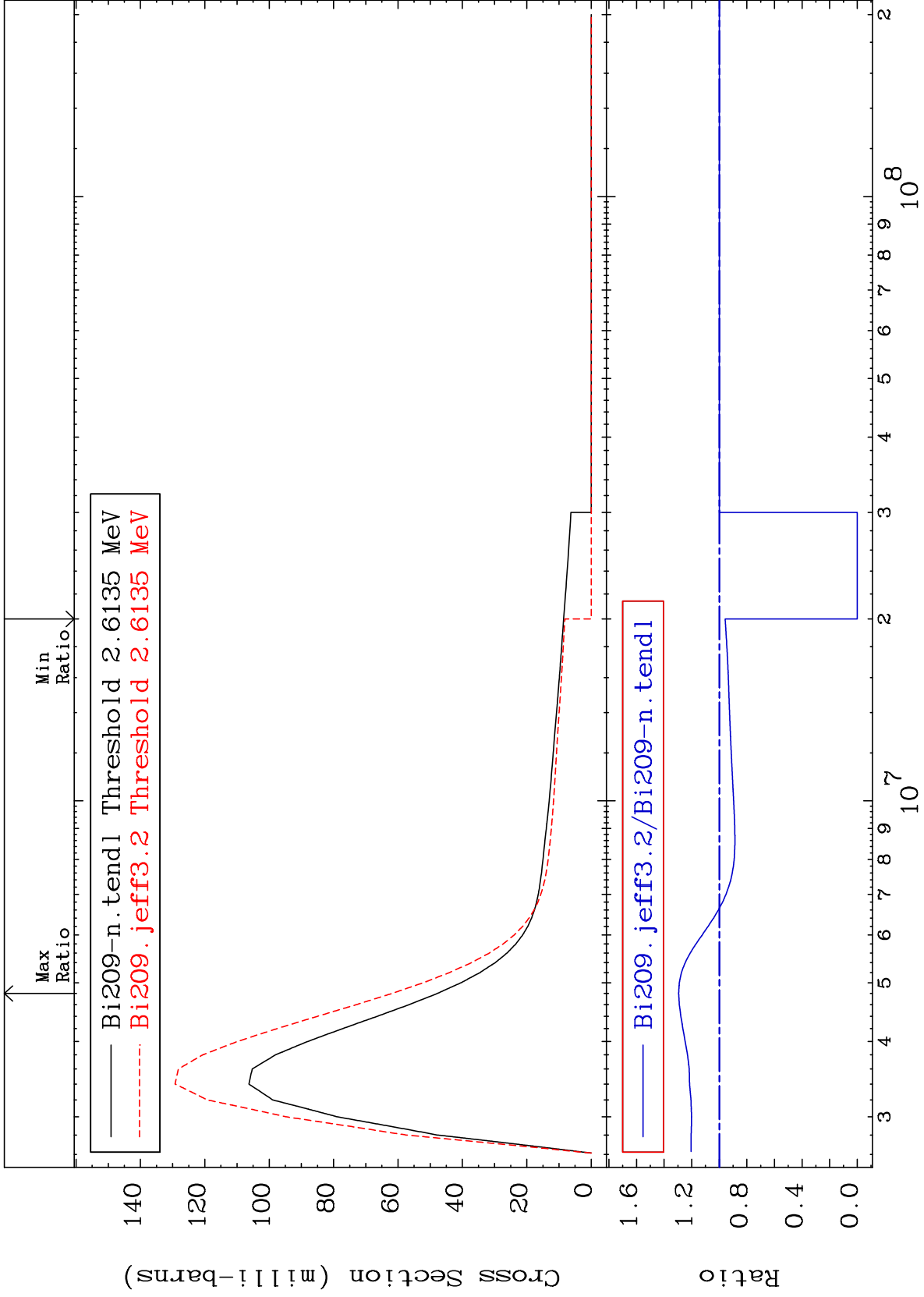
83-Bi-209
-100.0 To 29.85 %



MAT 8325

2.601 MeV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 29.46 %

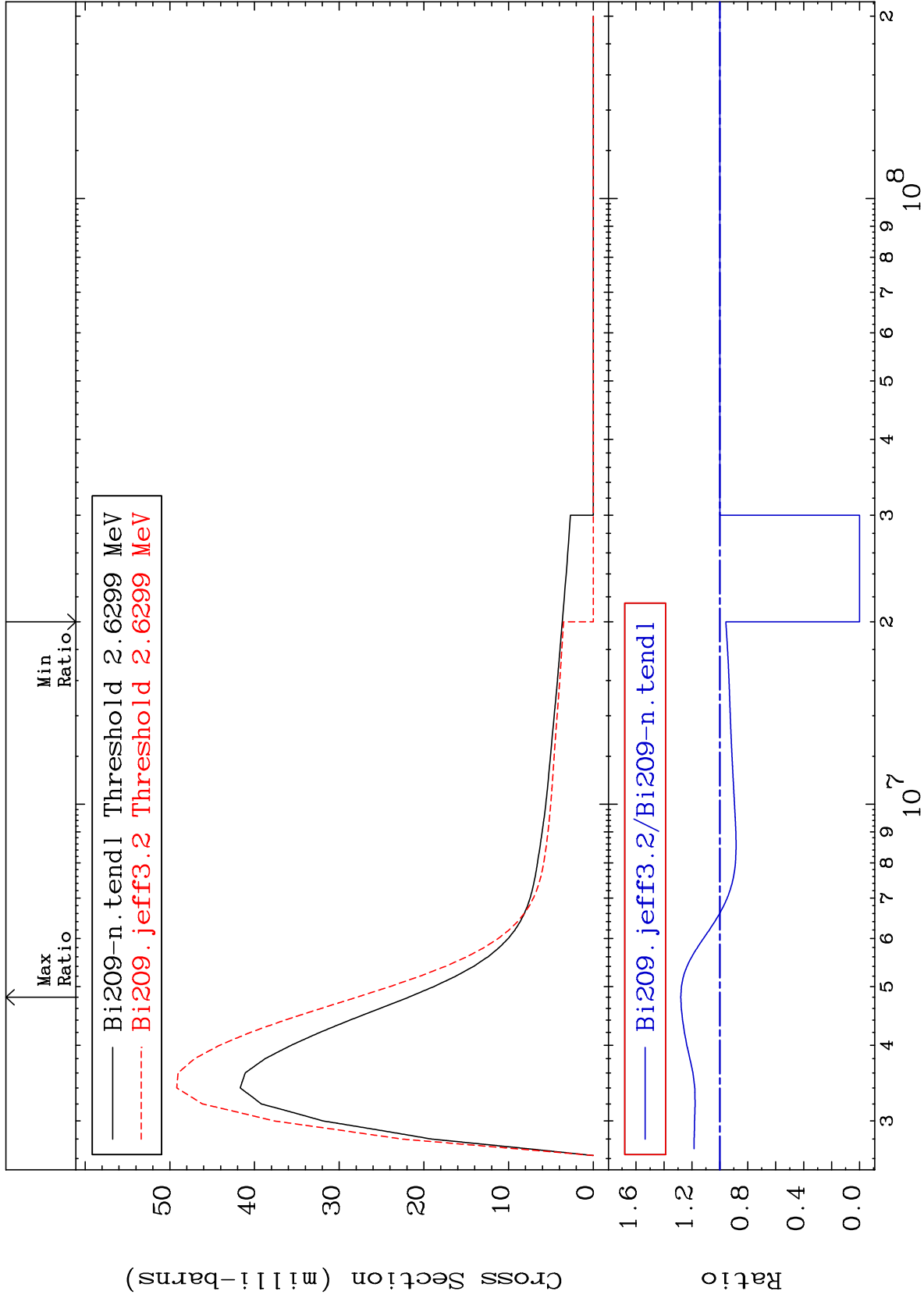


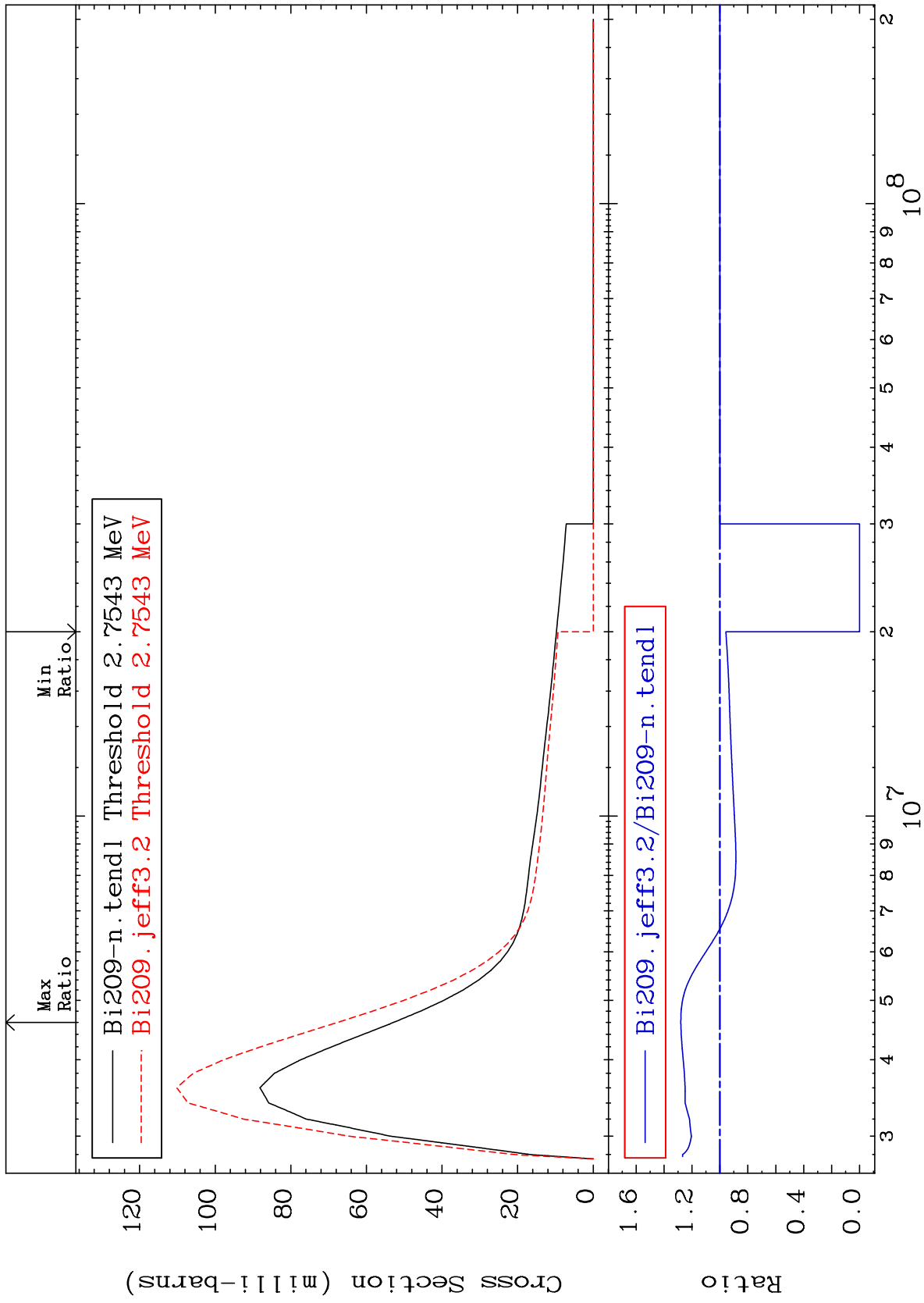
20

Incident Energy (eV)

83-Bi-209

MAT 8325 83-Bi-209
 2.617 MeV (n,n') Level -100.0 To 28.00 %
 Cross Section

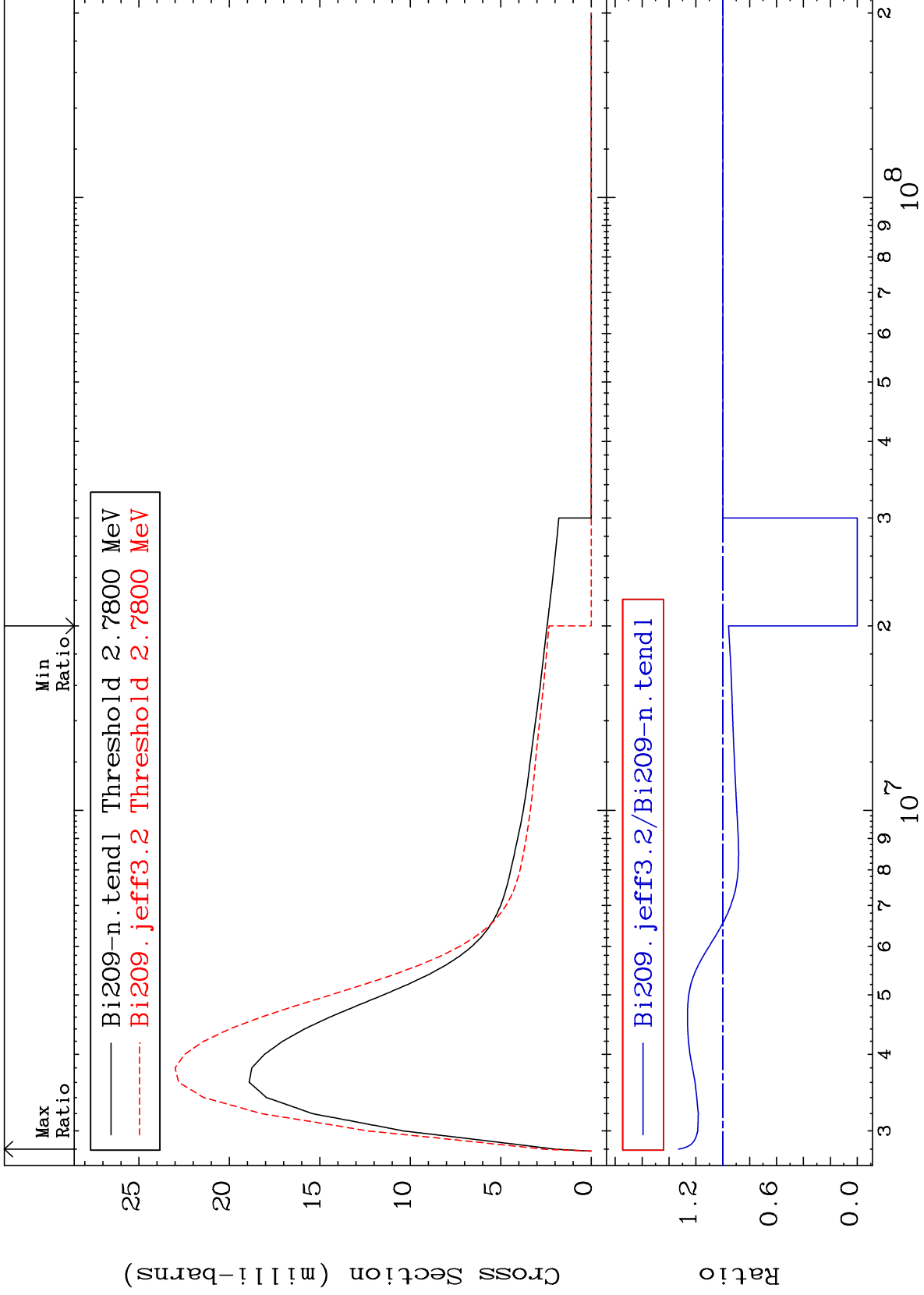




MAT 8325

2.767 MeV (n,n') Level
Cross Section

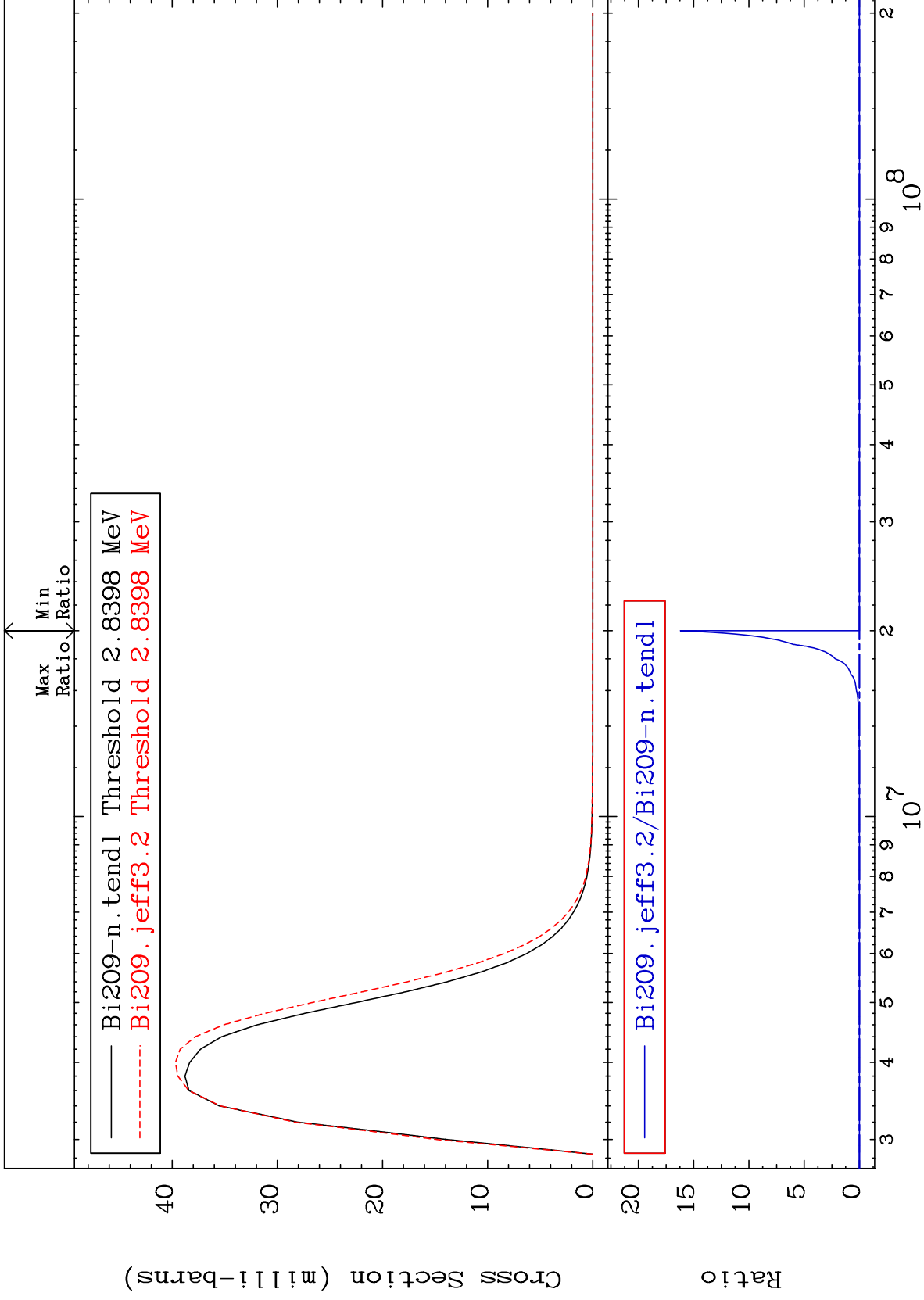
83-Bi-209
-100.0 To 32.84 %



MAT 8325

2.826 MeV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 9999. %



24

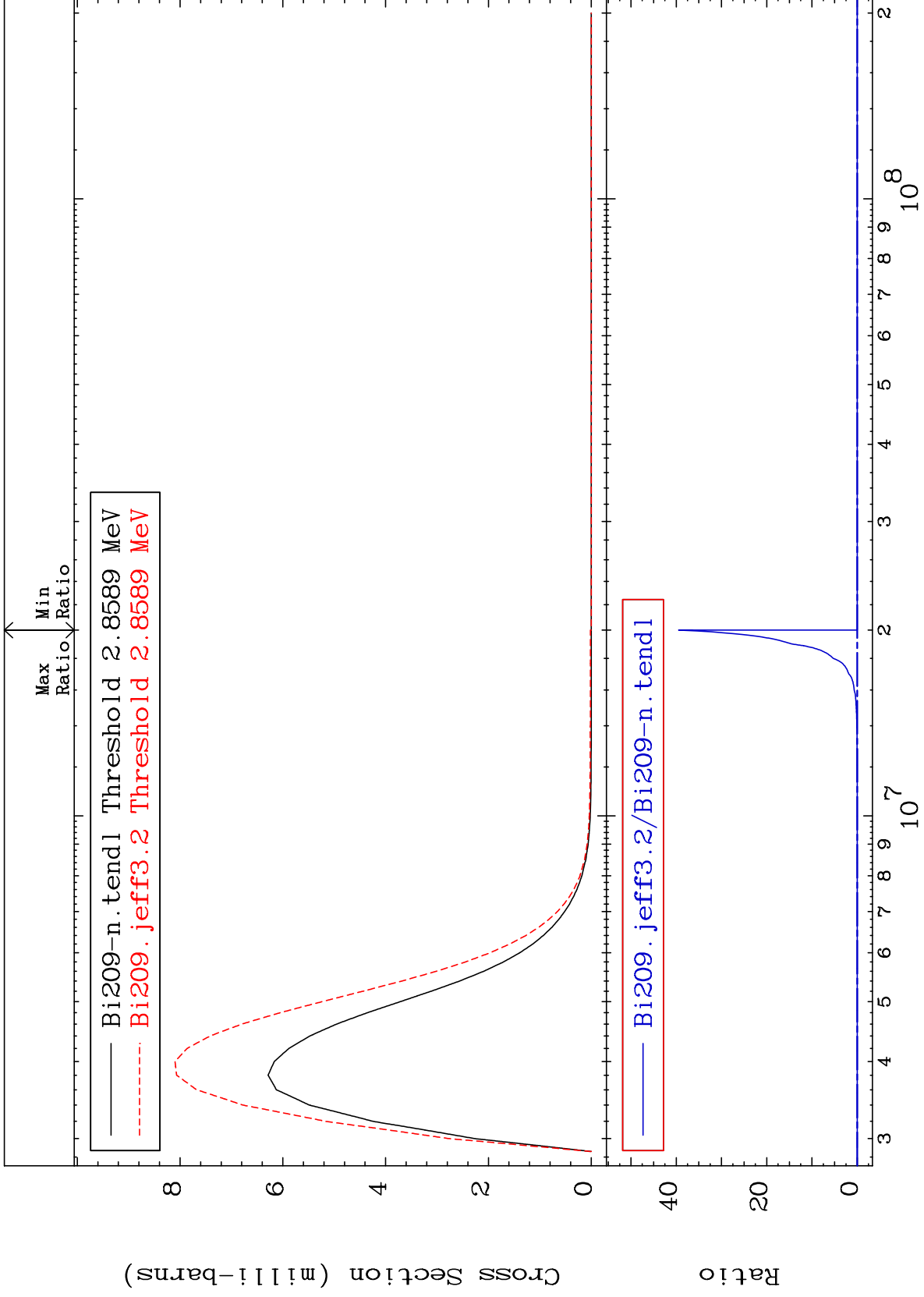
Incident Energy (eV)

83-Bi-209

MAT 8325

2.845 MeV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 9999. %



25

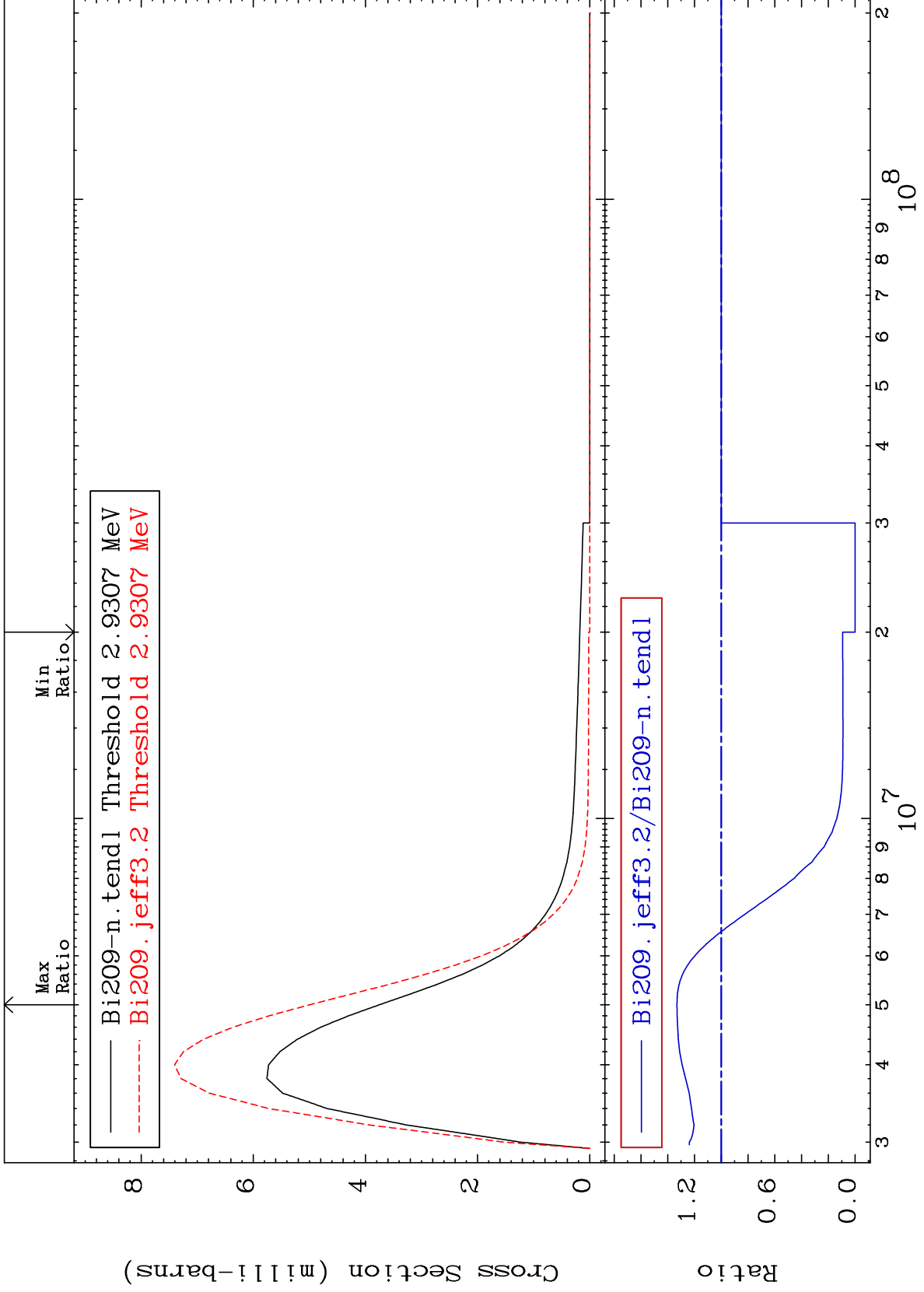
Incident Energy (eV)

83-Bi-209

MAT 8325

2.917 MeV (n,n') Level
Cross Section

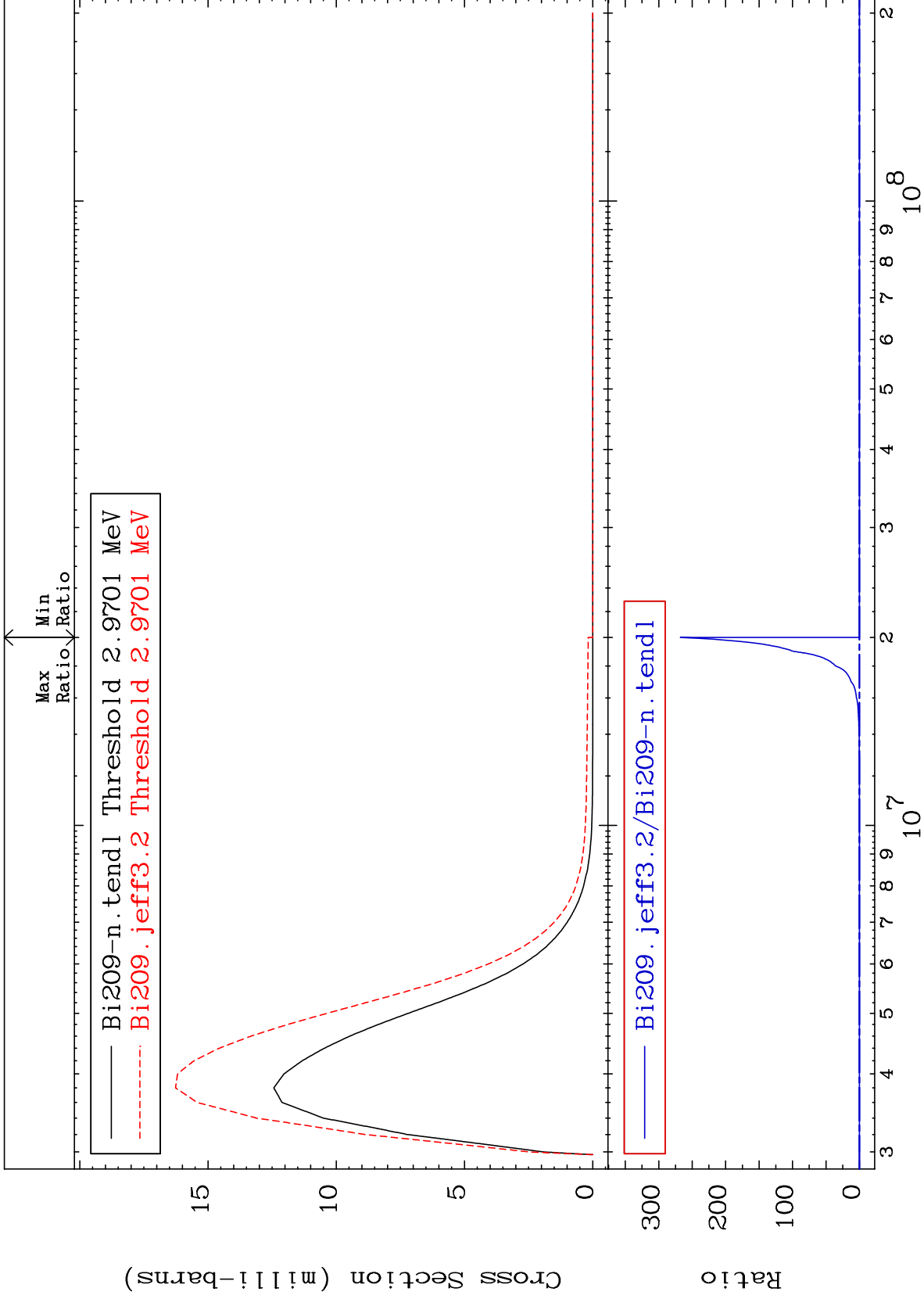
83-Bi-209
-100.0 To 33.13 %



MAT 8325

2.956 MeV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 9999. %



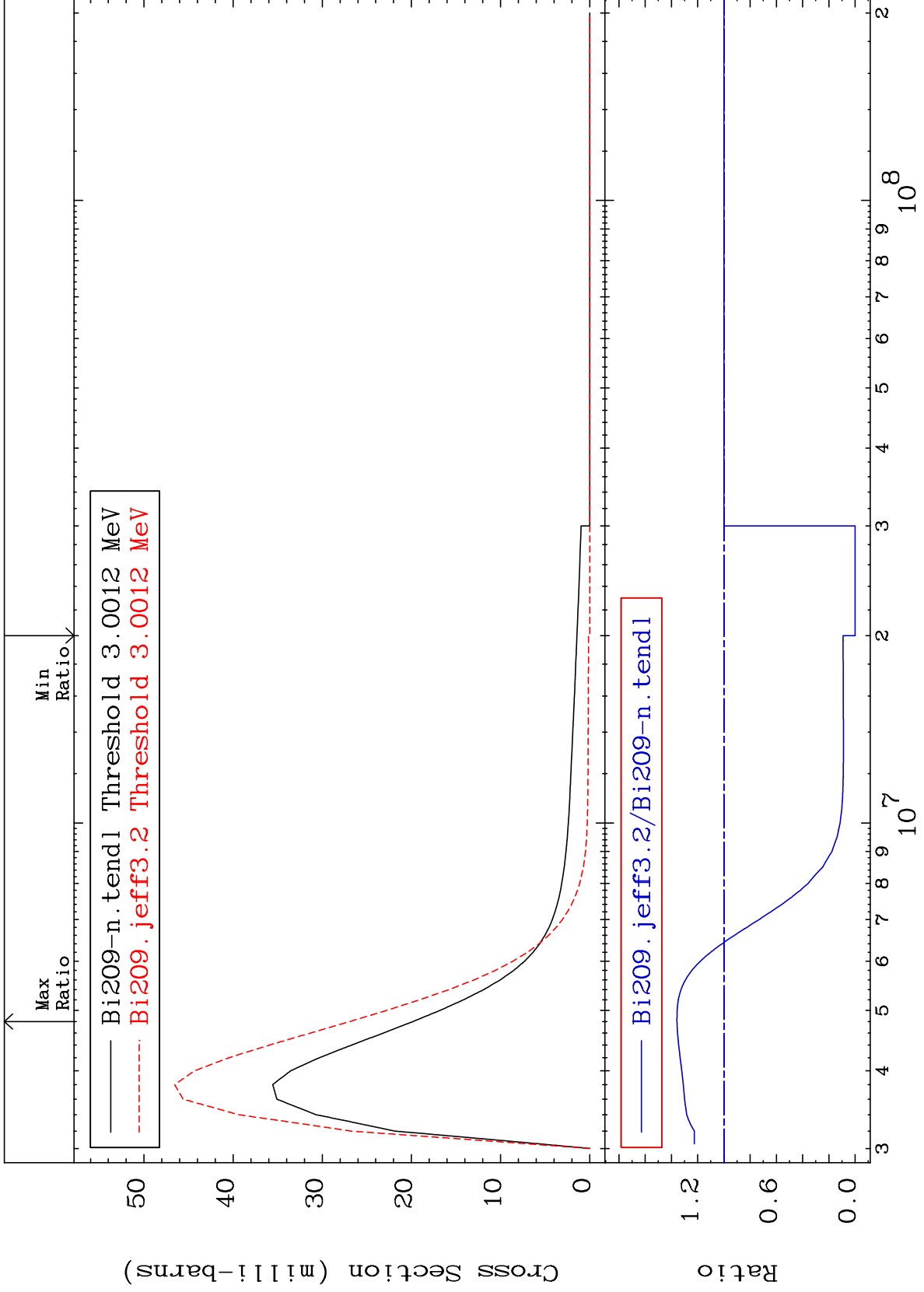
27

83-Bi-209

MAT 8325

2.987 MeV (n,n') Level
Cross Section

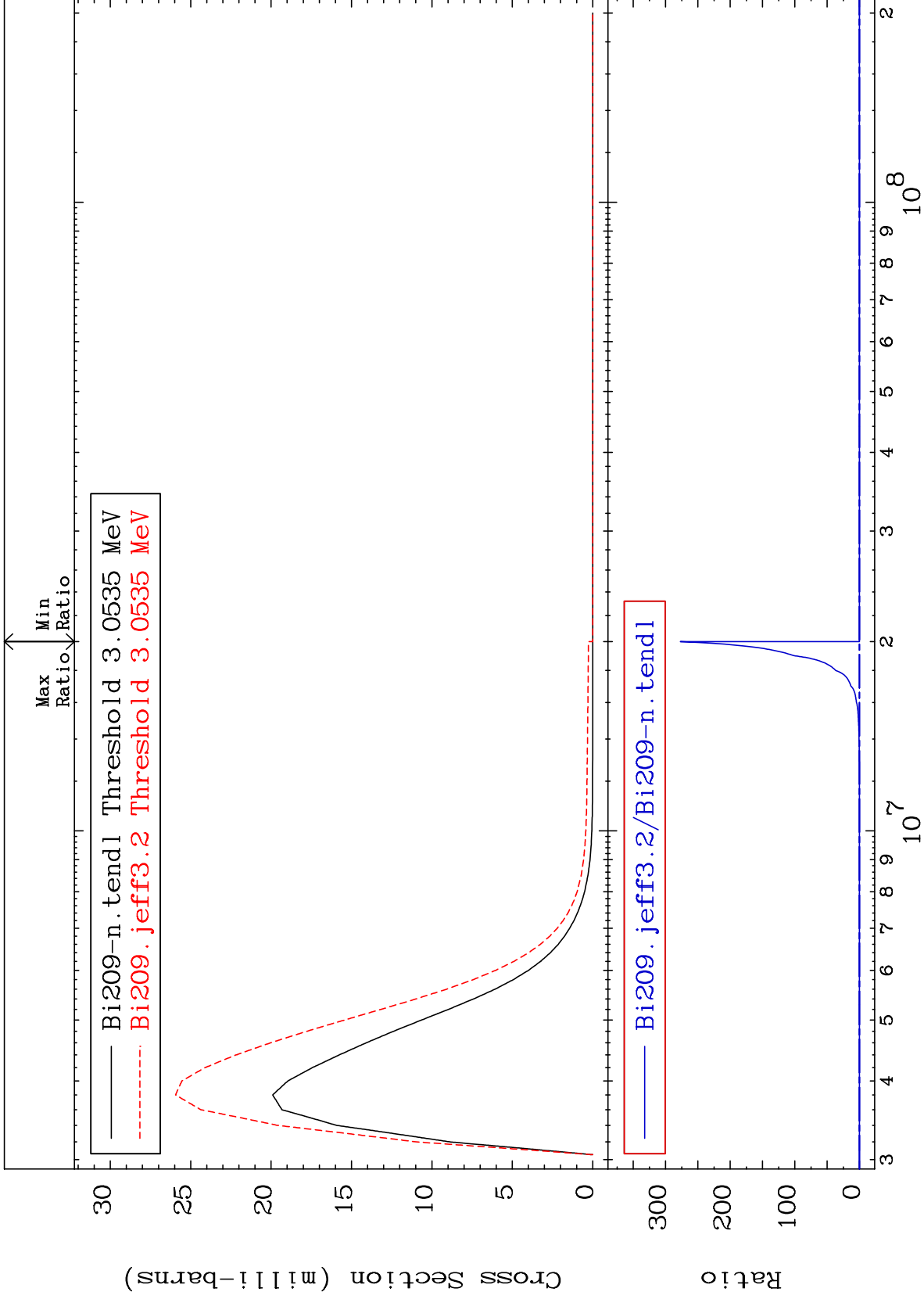
83-Bi-209
-100.0 To 35.79 %



MAT 8325

3.039 MeV (n,n') Level
Cross Section

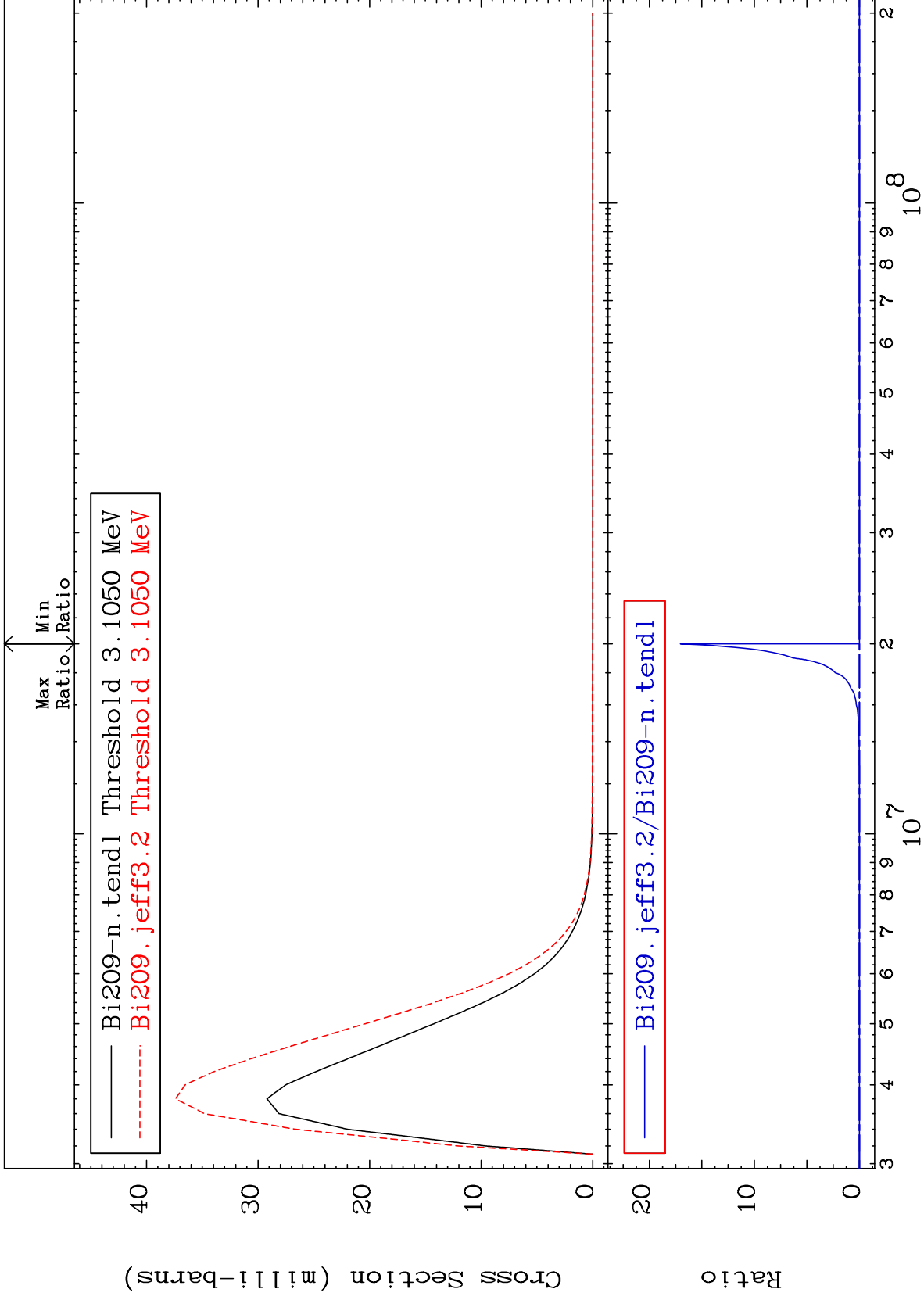
83-Bi-209
-100.0 To 9999. %



MAT 8325

3.090 MeV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 9999. %



30

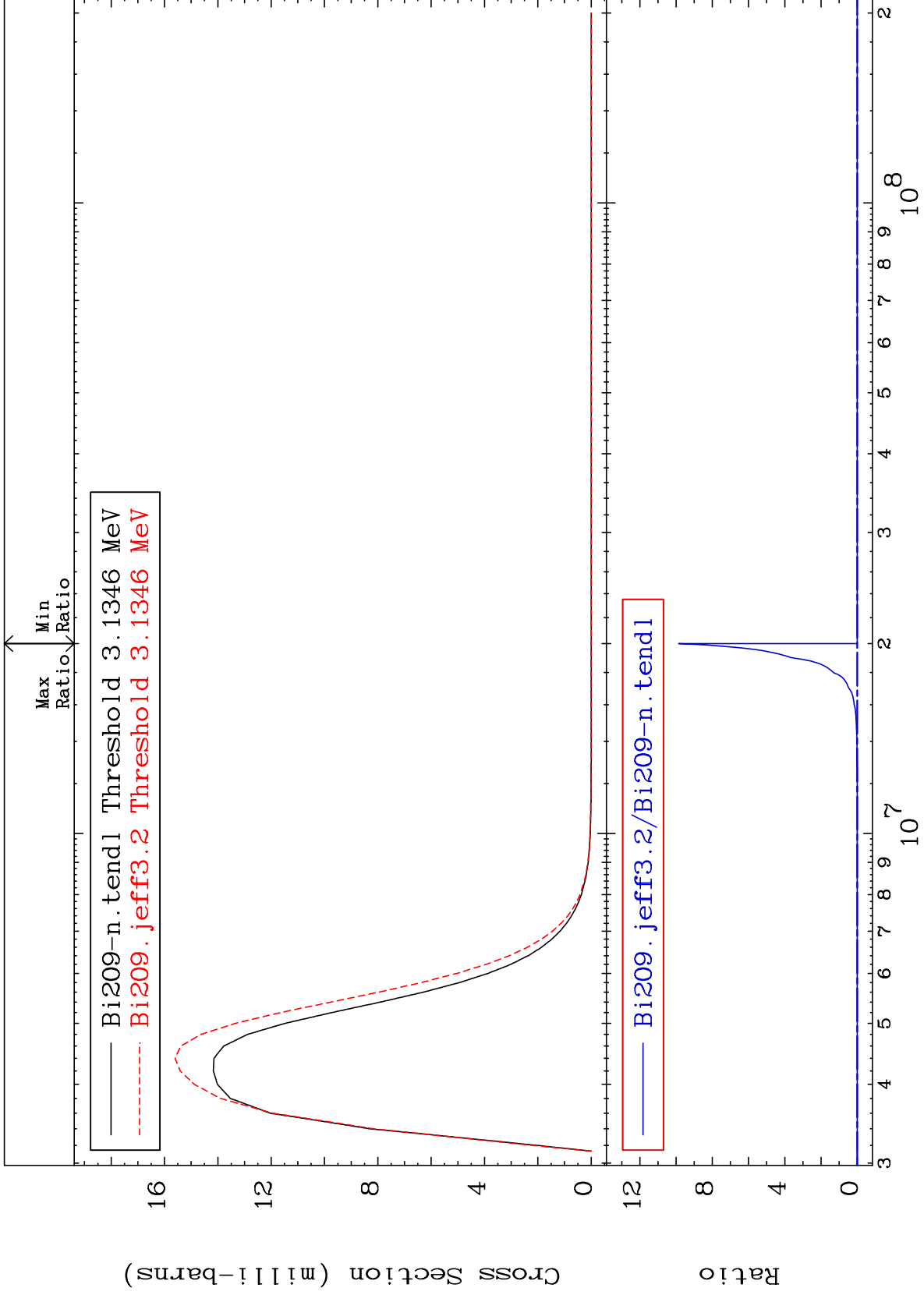
Incident Energy (eV)

83-Bi-209

MAT 8325

3.120 MeV (n,n') Level
Cross Section

83-Bi-209
-100.0 To 9999. %



31

83-Bi-209

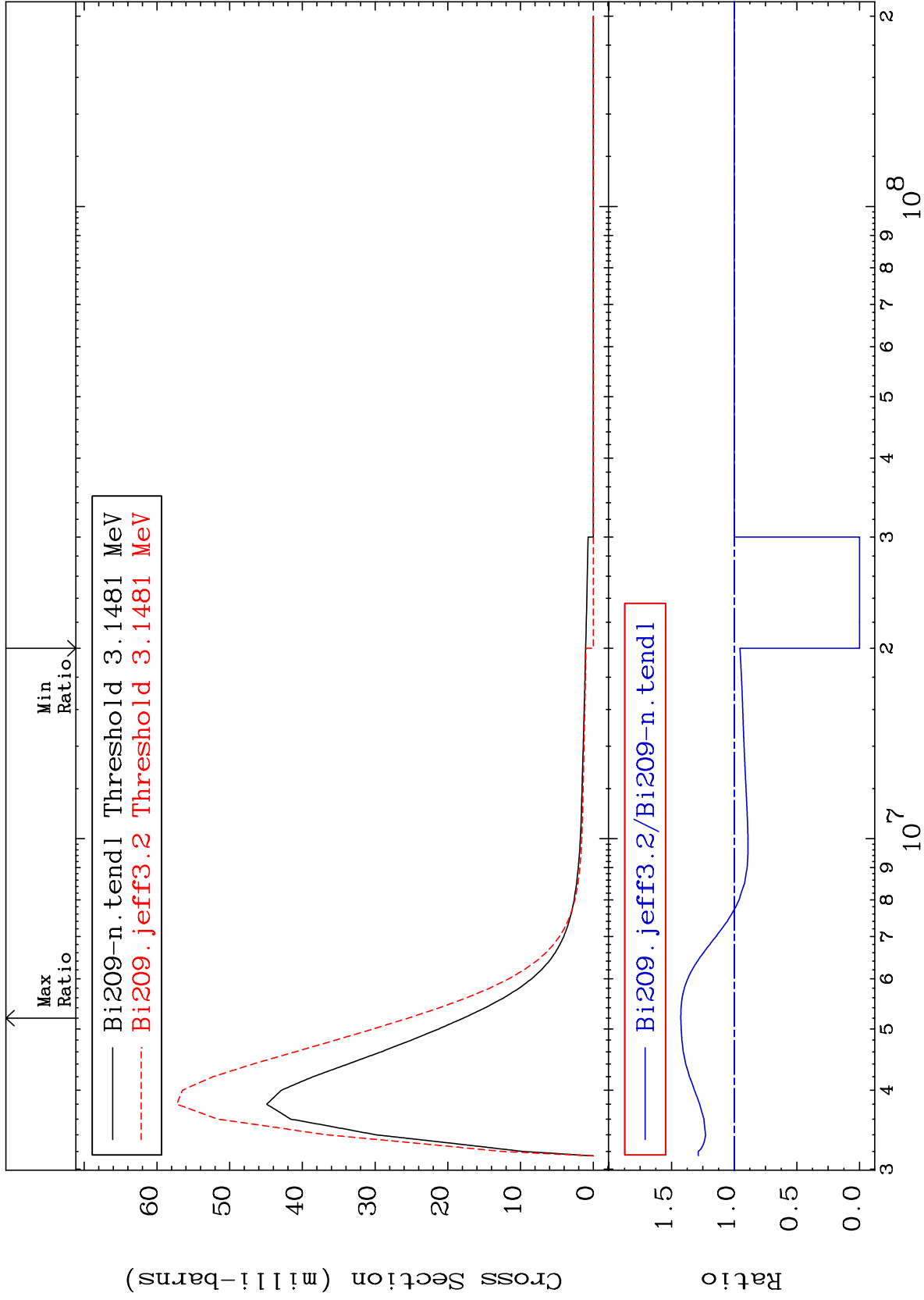
MAT 8325

3.133 MeV (n,n') Level

83-Bi-209

-100.0 To 42.61 %

Cross Section



32

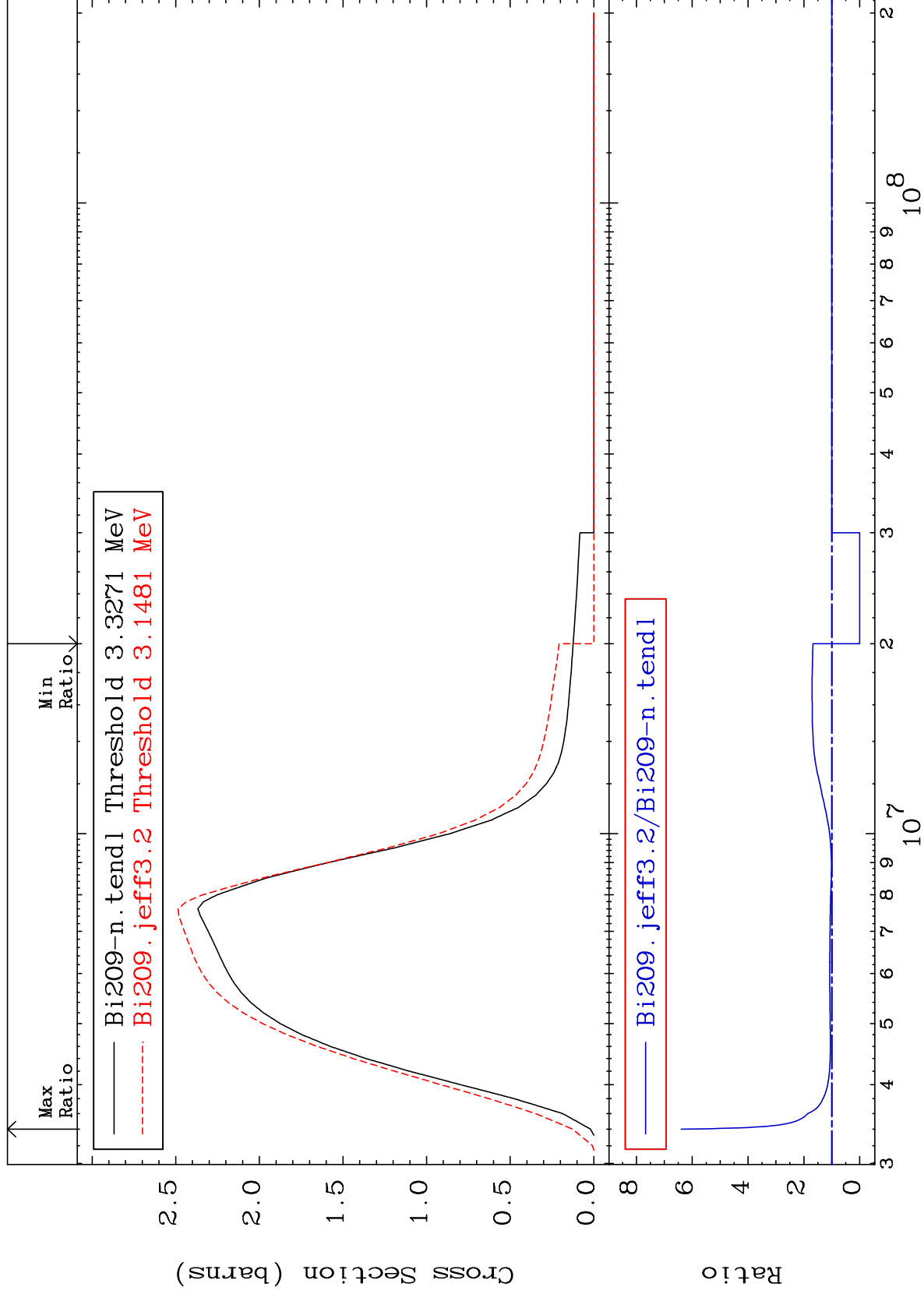
Incident Energy (eV)

83-Bi-209

MAT 8325

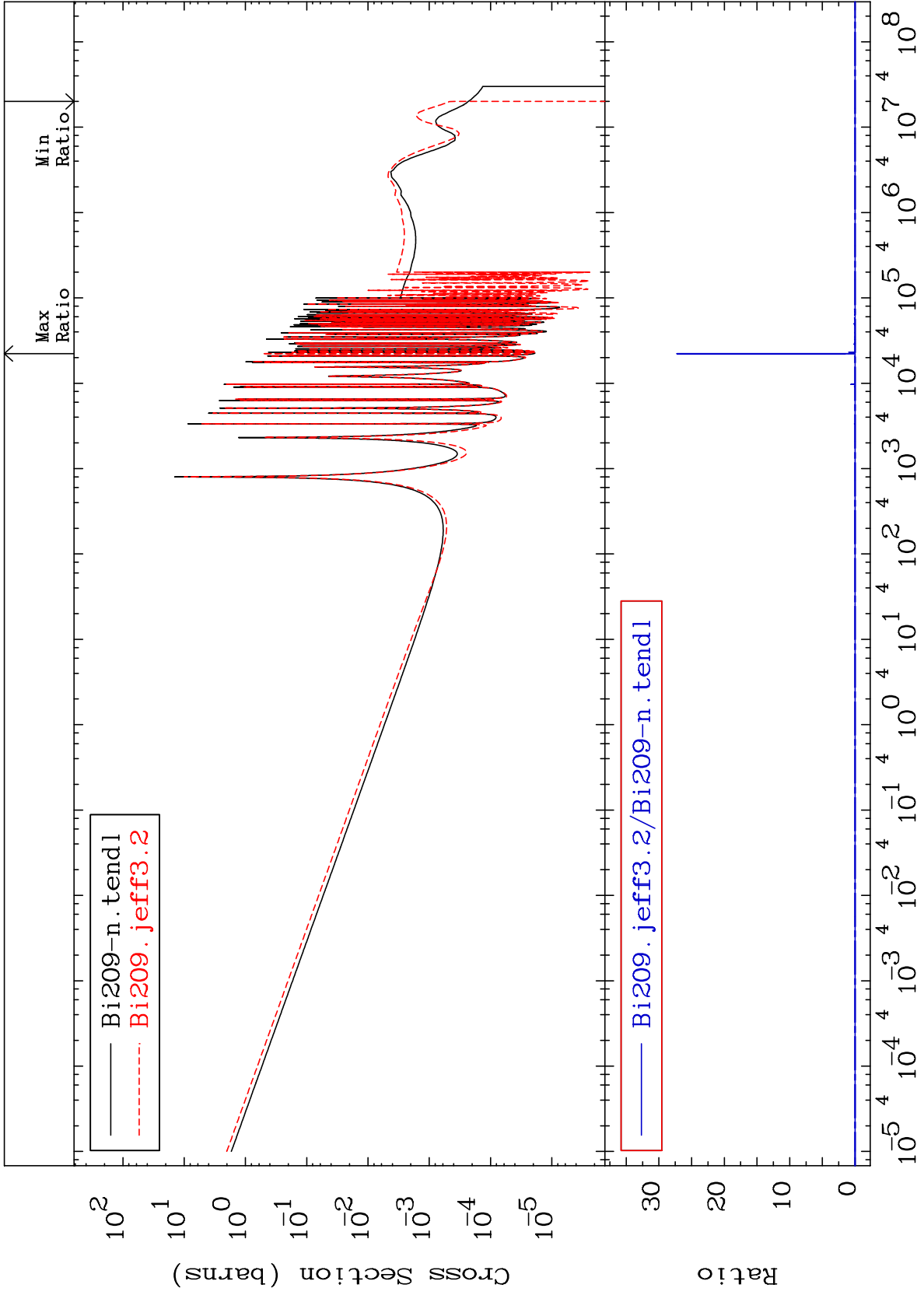
(n, n') Continuum
Cross Section

83-Bi-209
-100.0 To 539.7 %



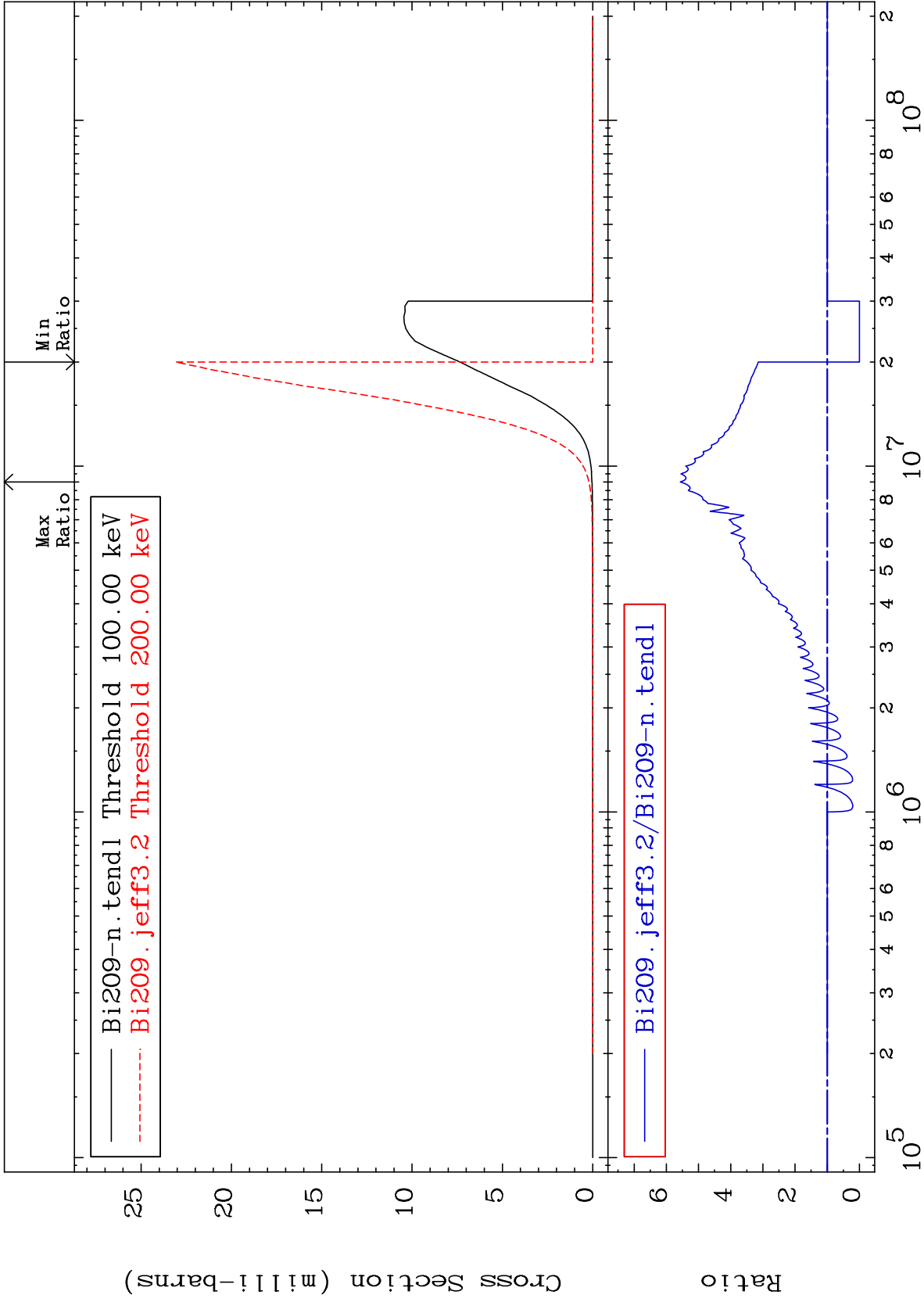
MAT 8325

(n, γ)
Cross Section
83-Bi-209
-100.0 To 9999. %



MAT 8325

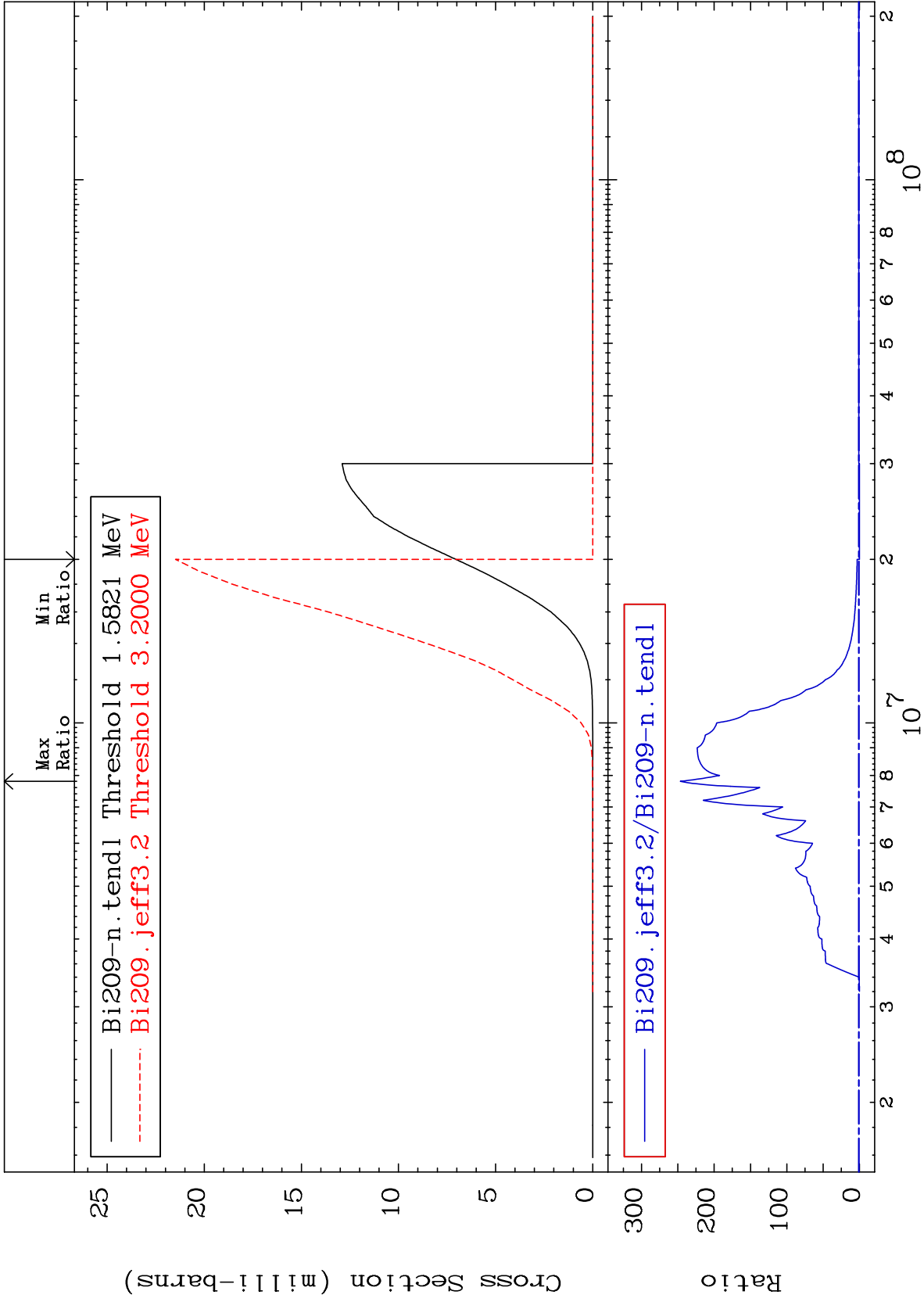
(n,p)
Cross Section
83-Bi-209
-100.0 To 456.4 %



83-Bi-209

Incident Energy (eV)

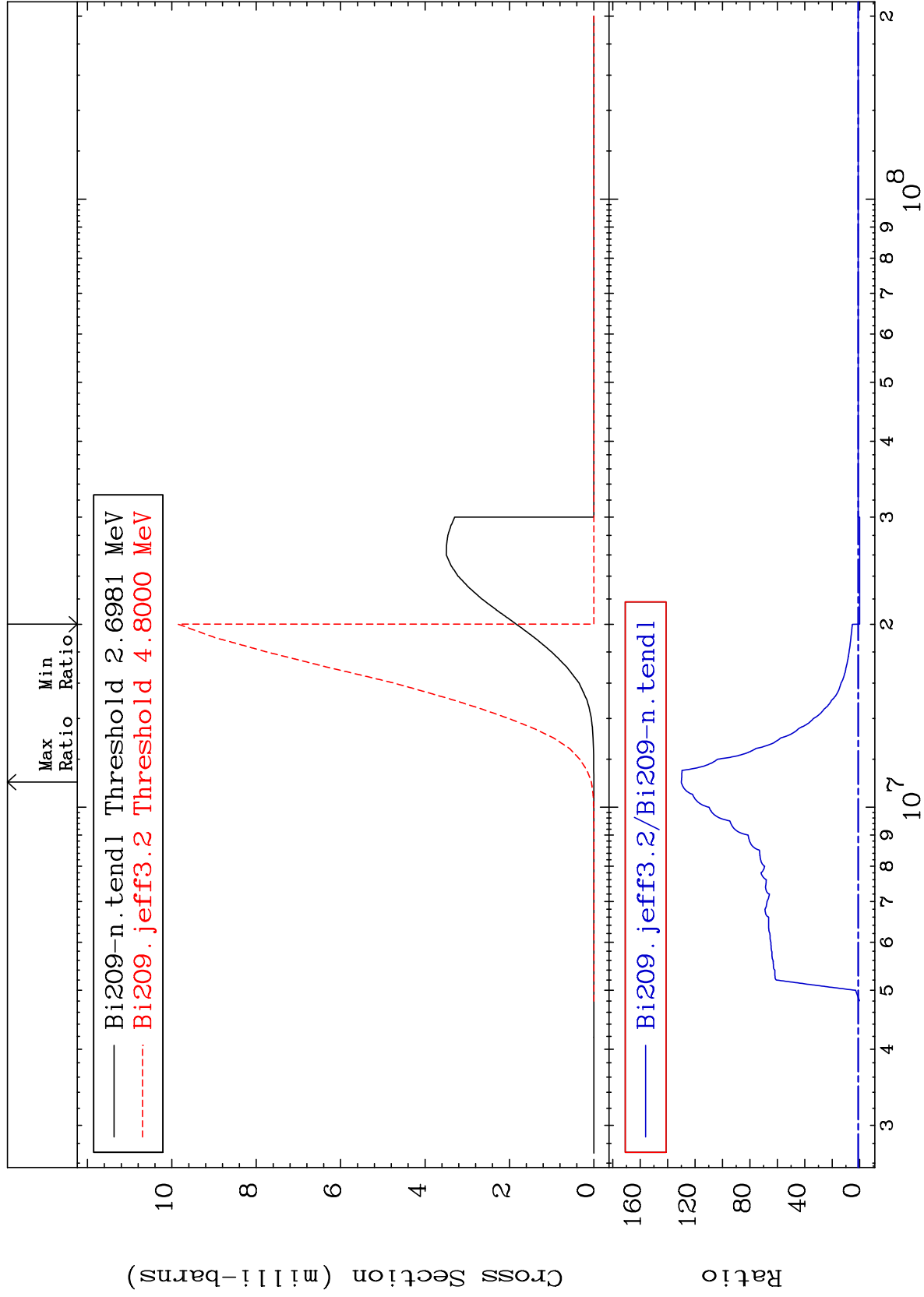
35



MAT 8325

83-Bi-209

(n, t)
Cross Section
-100.0 To 9999. %

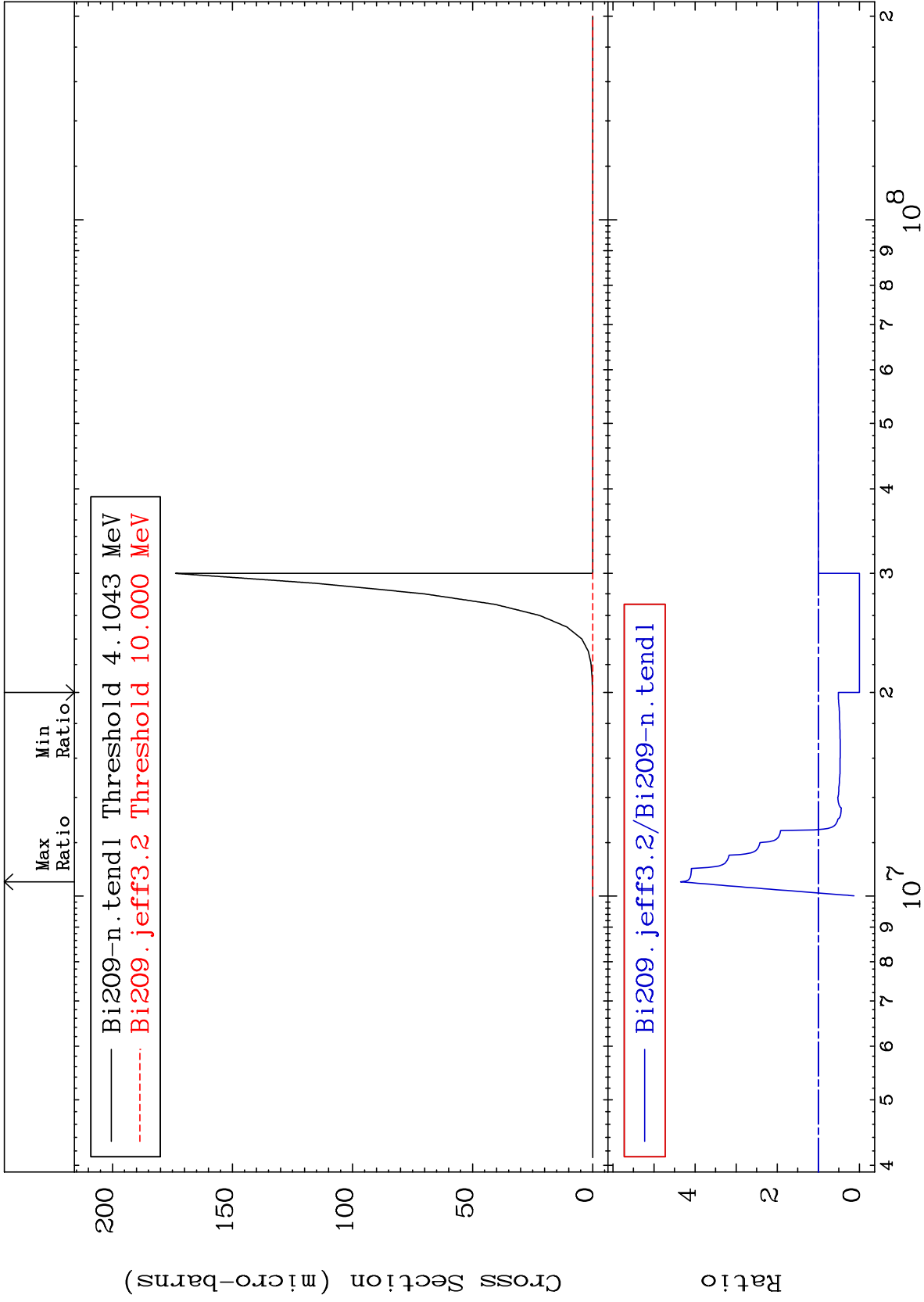


37

83-Bi-209

Cross Section

-100.0 To 335.8 %



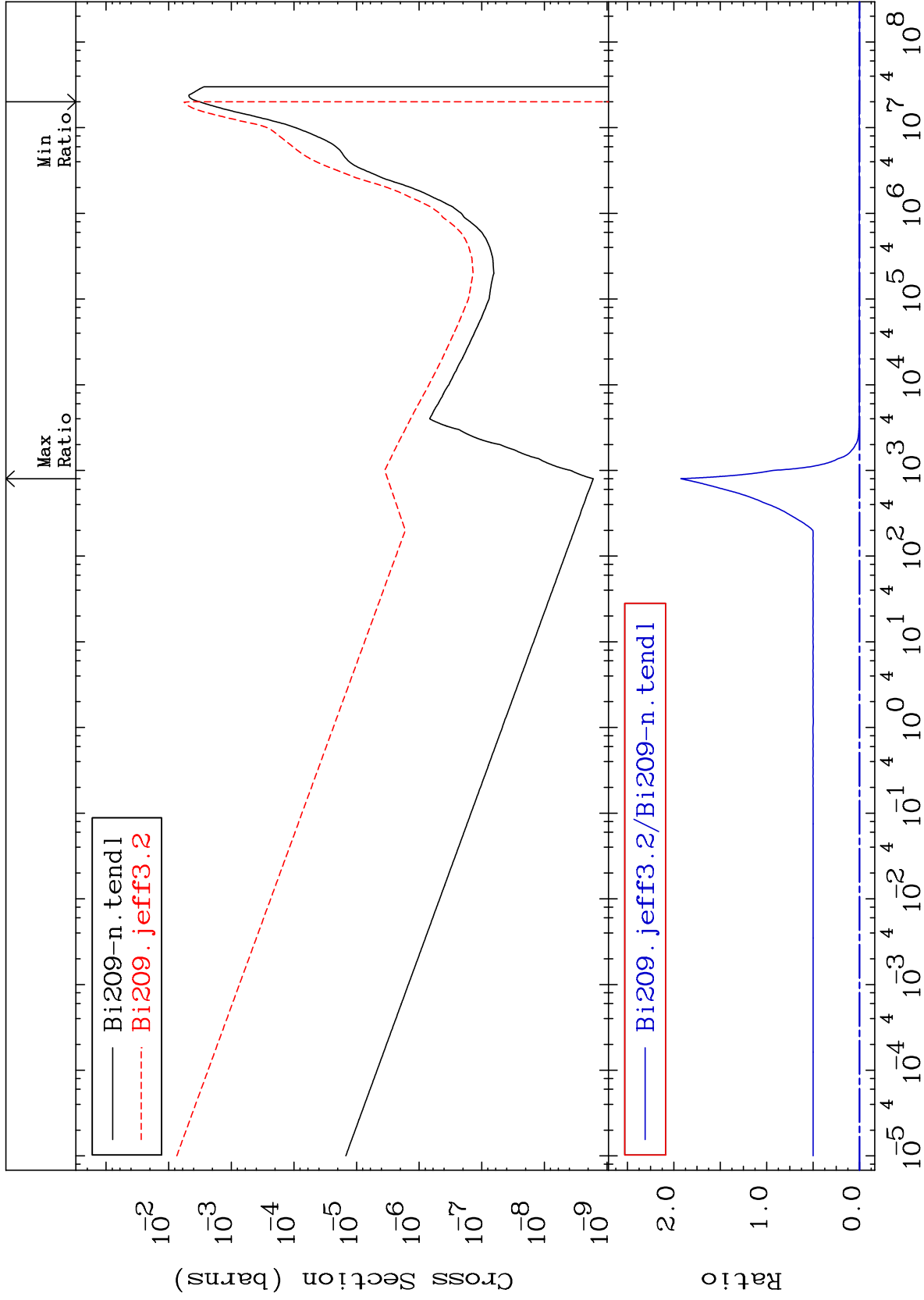
MAT 8325

(n, α)

83-Bi-209

Cross Section

-100.0 To 9999. %



39

Incident Energy (eV)

83-Bi-209

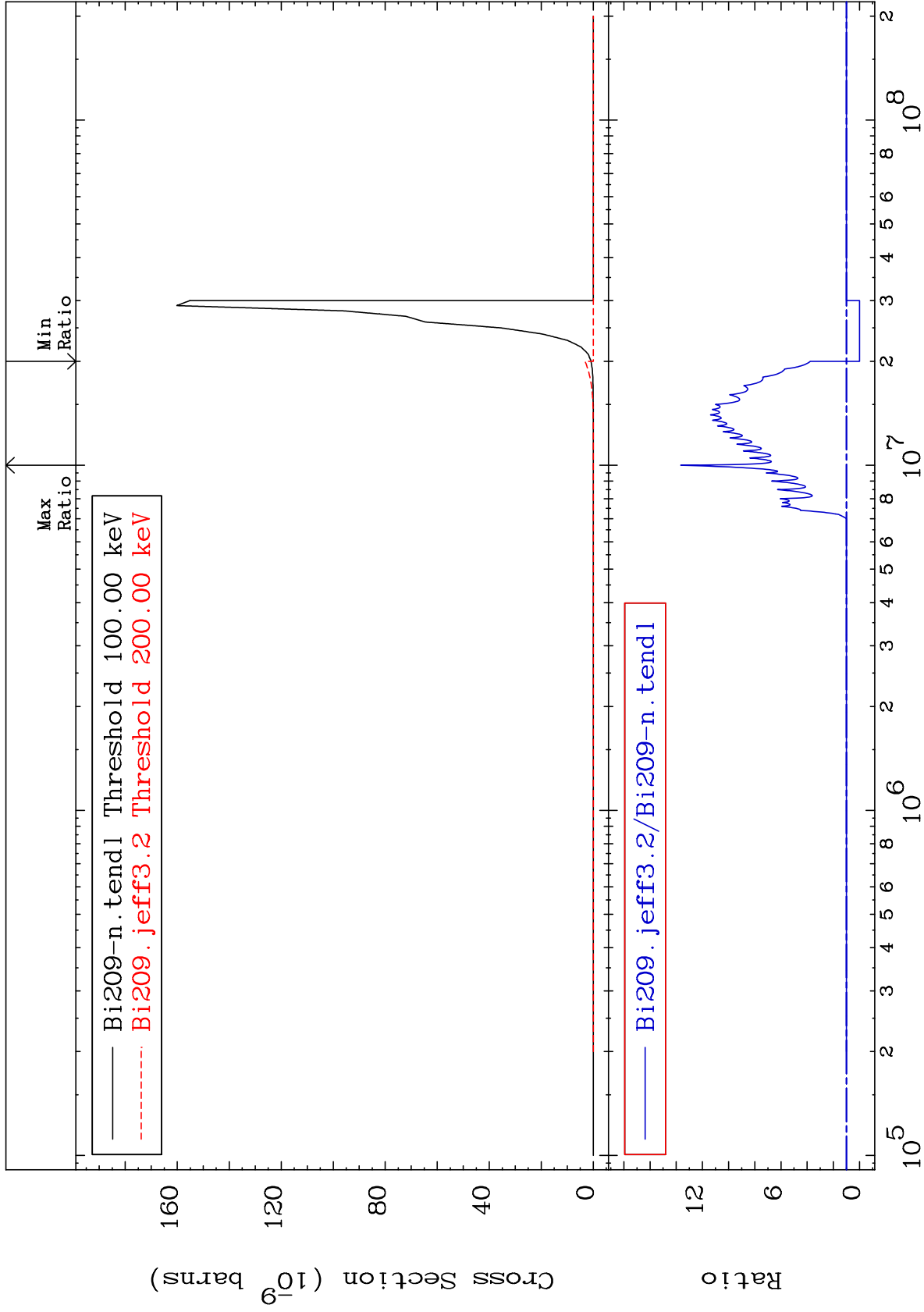
MAT 8325

(n, p) α

83-Bi-209

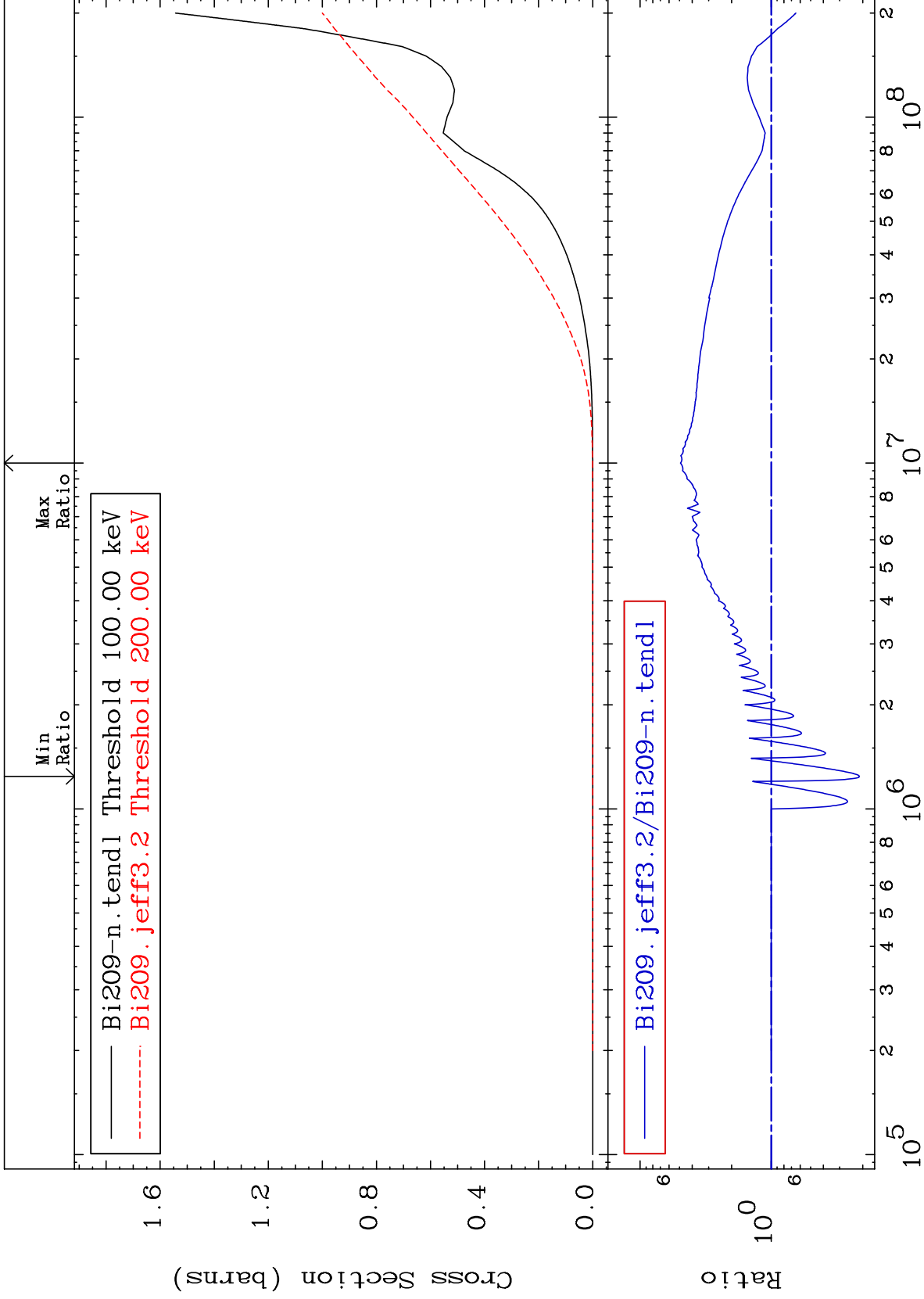
Cross Section

-100.0 To 1265. %



83-Bi-209

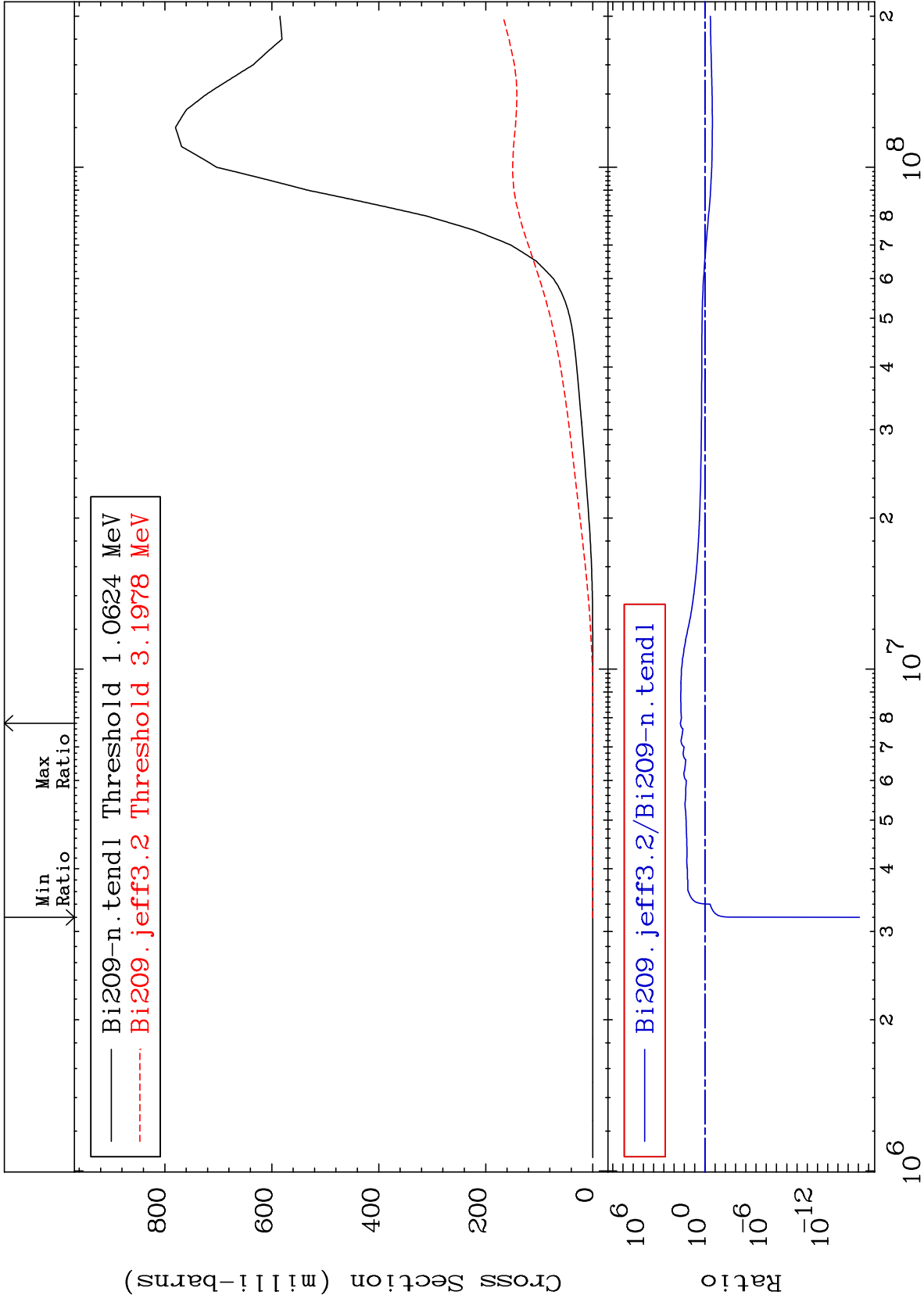
Incident Energy (eV)

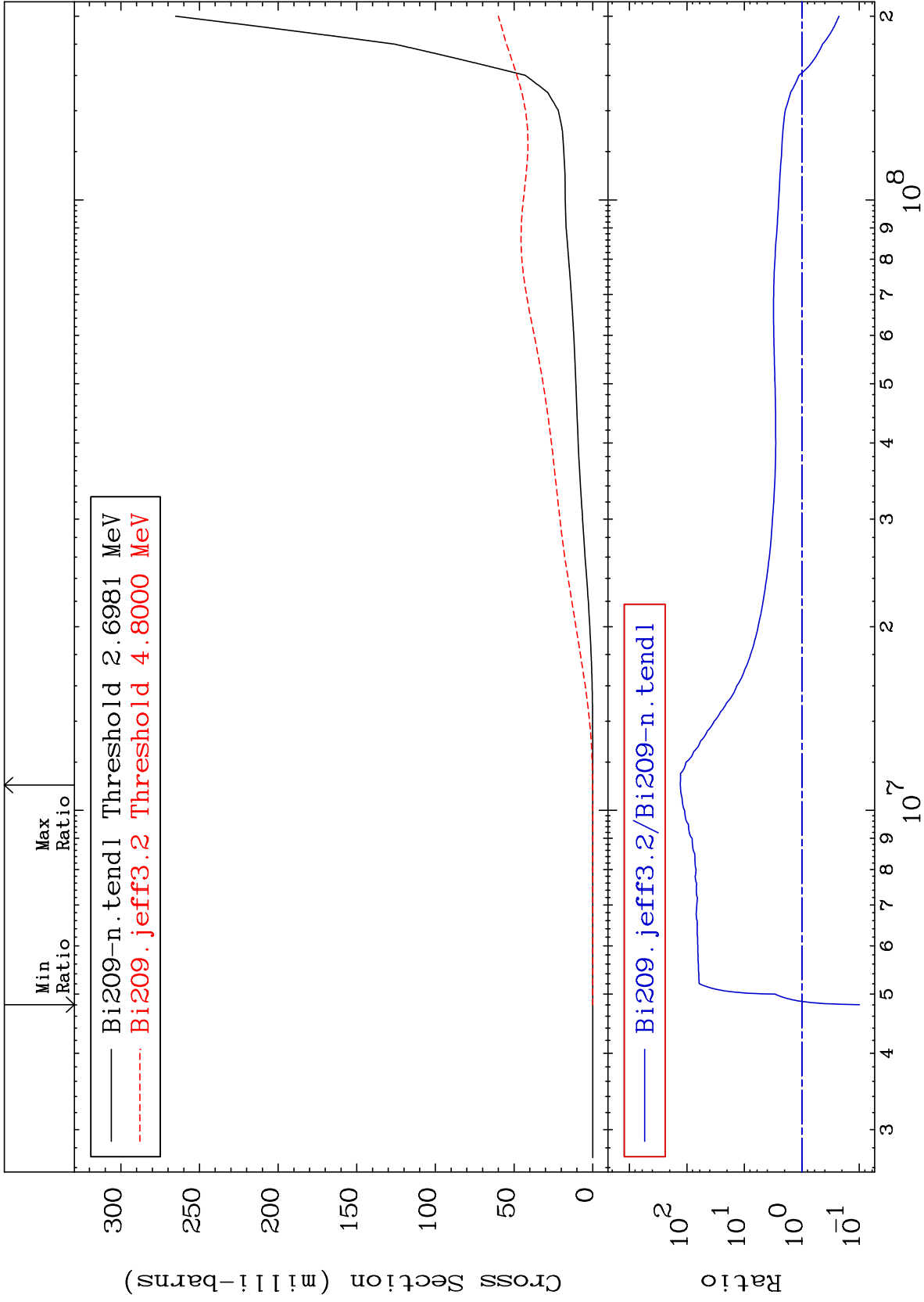


MAT 8325

Deuterium Production
Cross Section

83-Bi-209
-100.0 To 9999. %

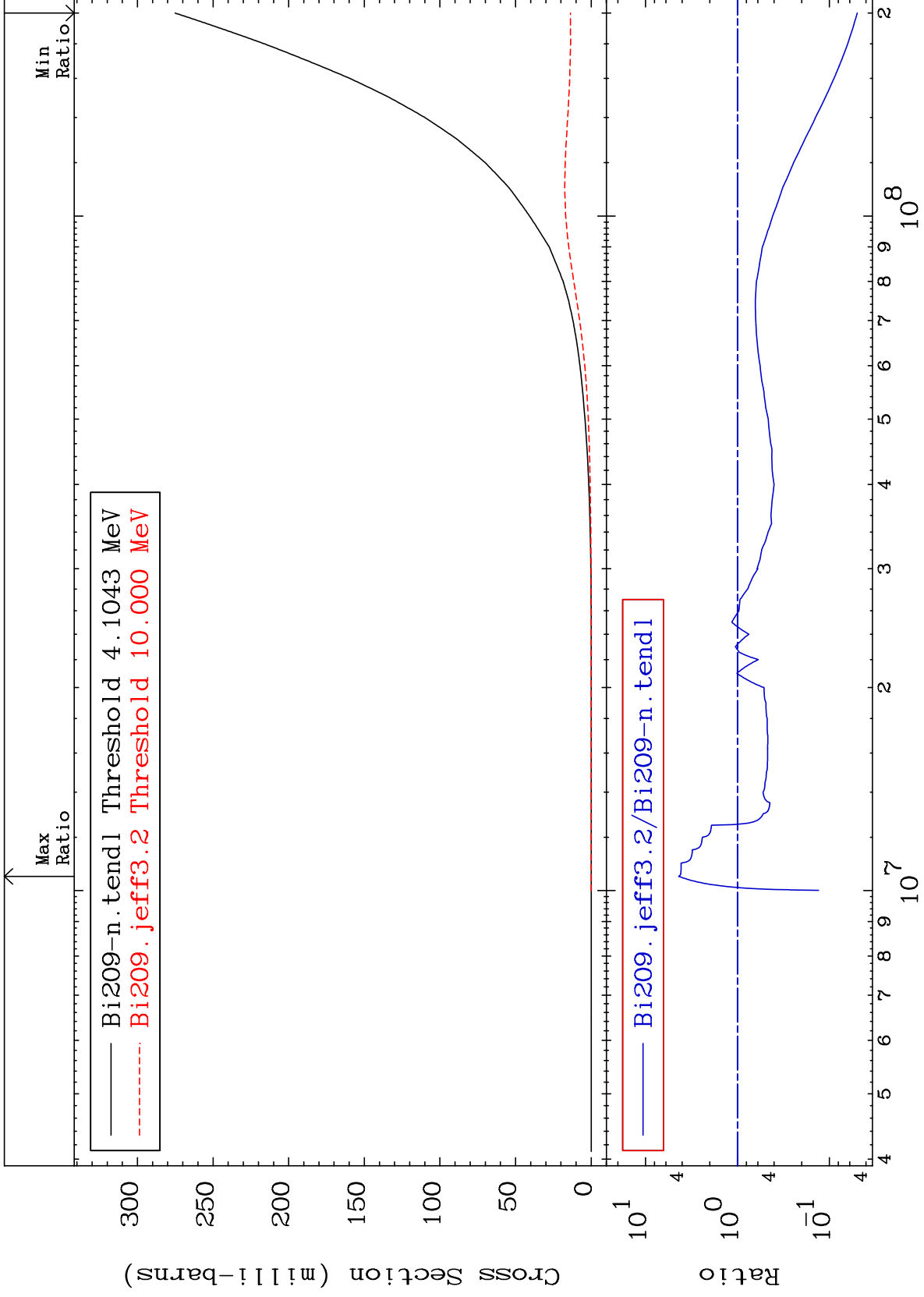




MAT 8325

He-3 Production
Cross Section

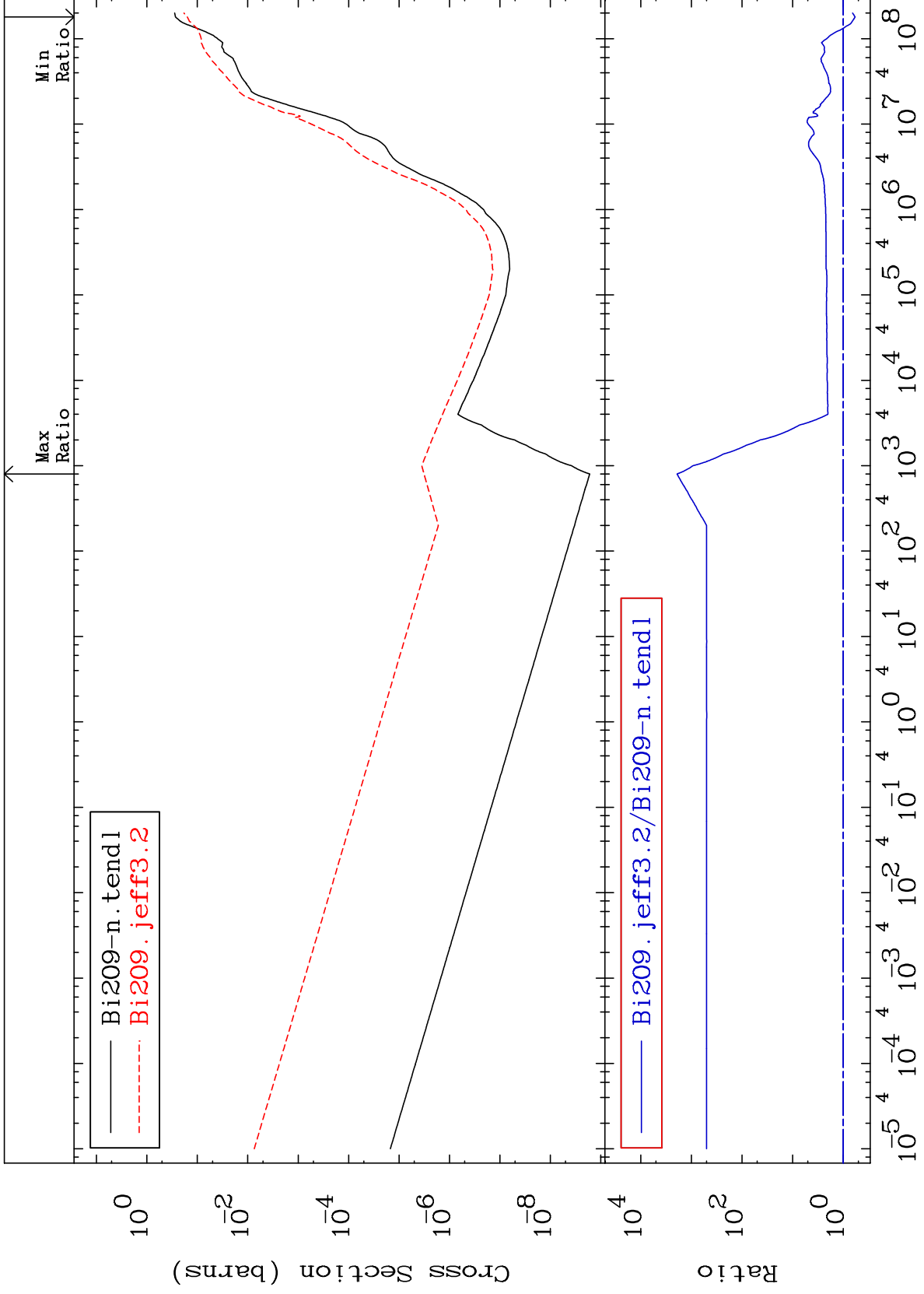
83-Bi-209
-95.03 To 335.8 %



MAT 8325

He-4 Production
Cross Section

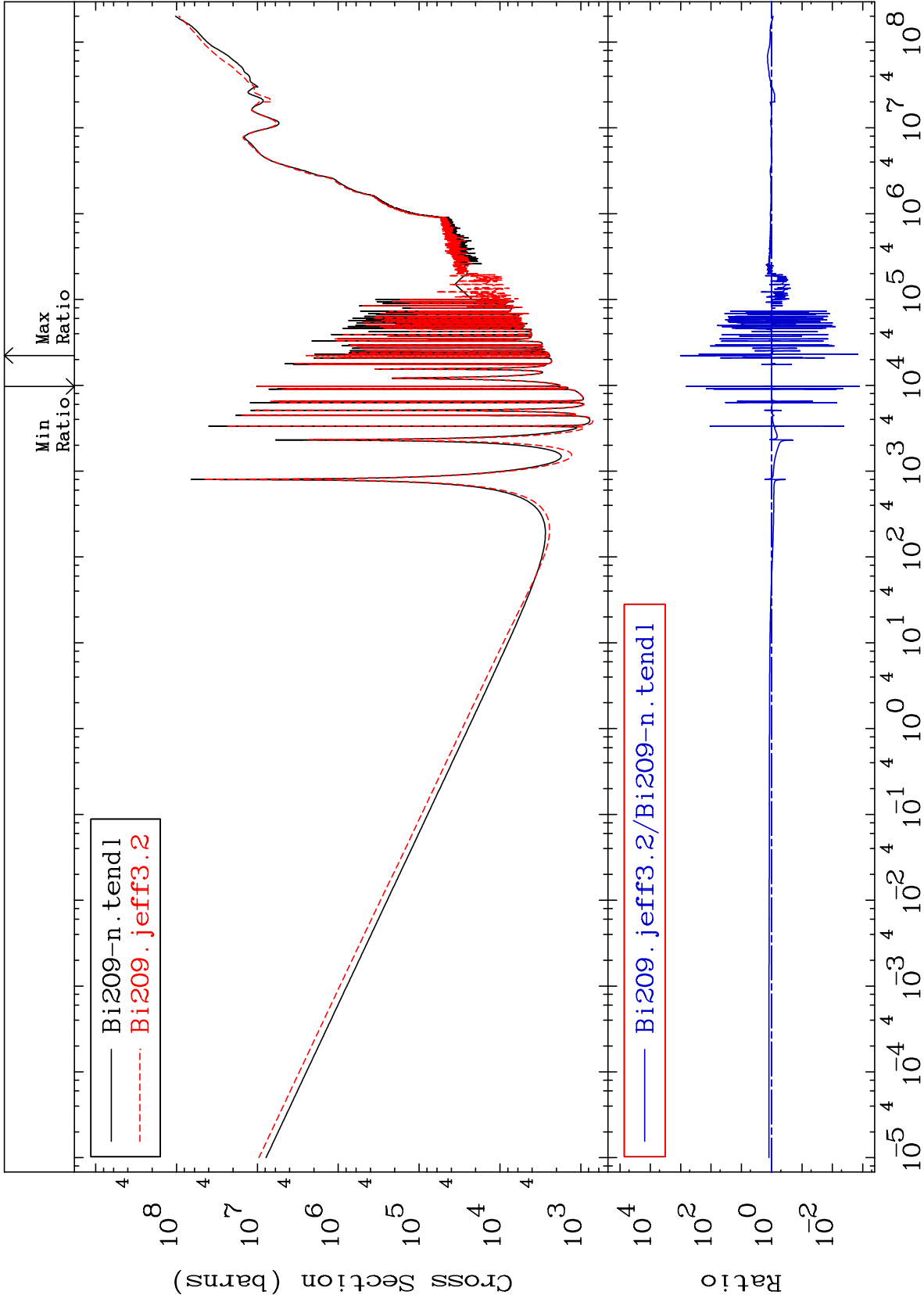
83-Bi-209
-41.77 To 9999. %

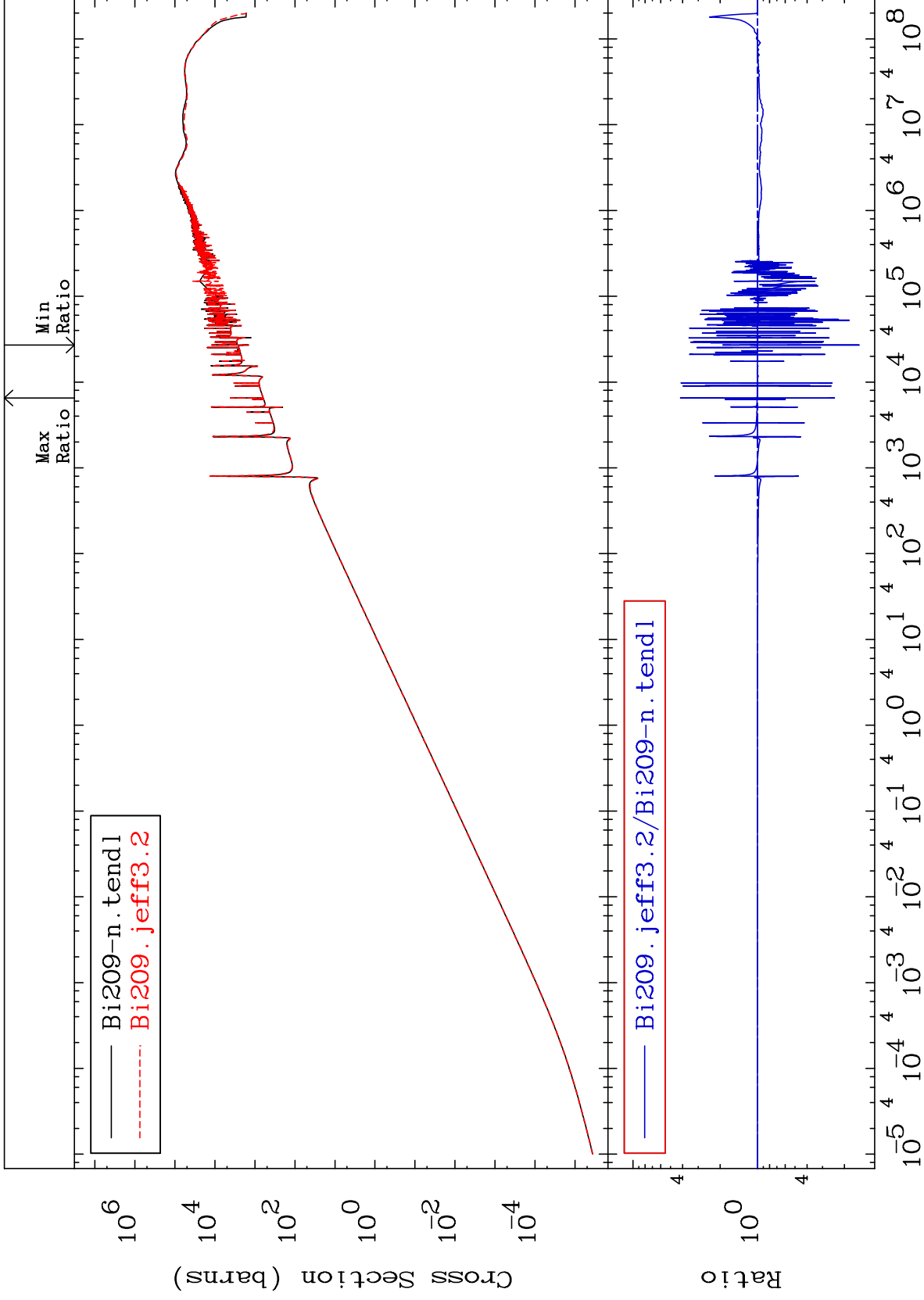


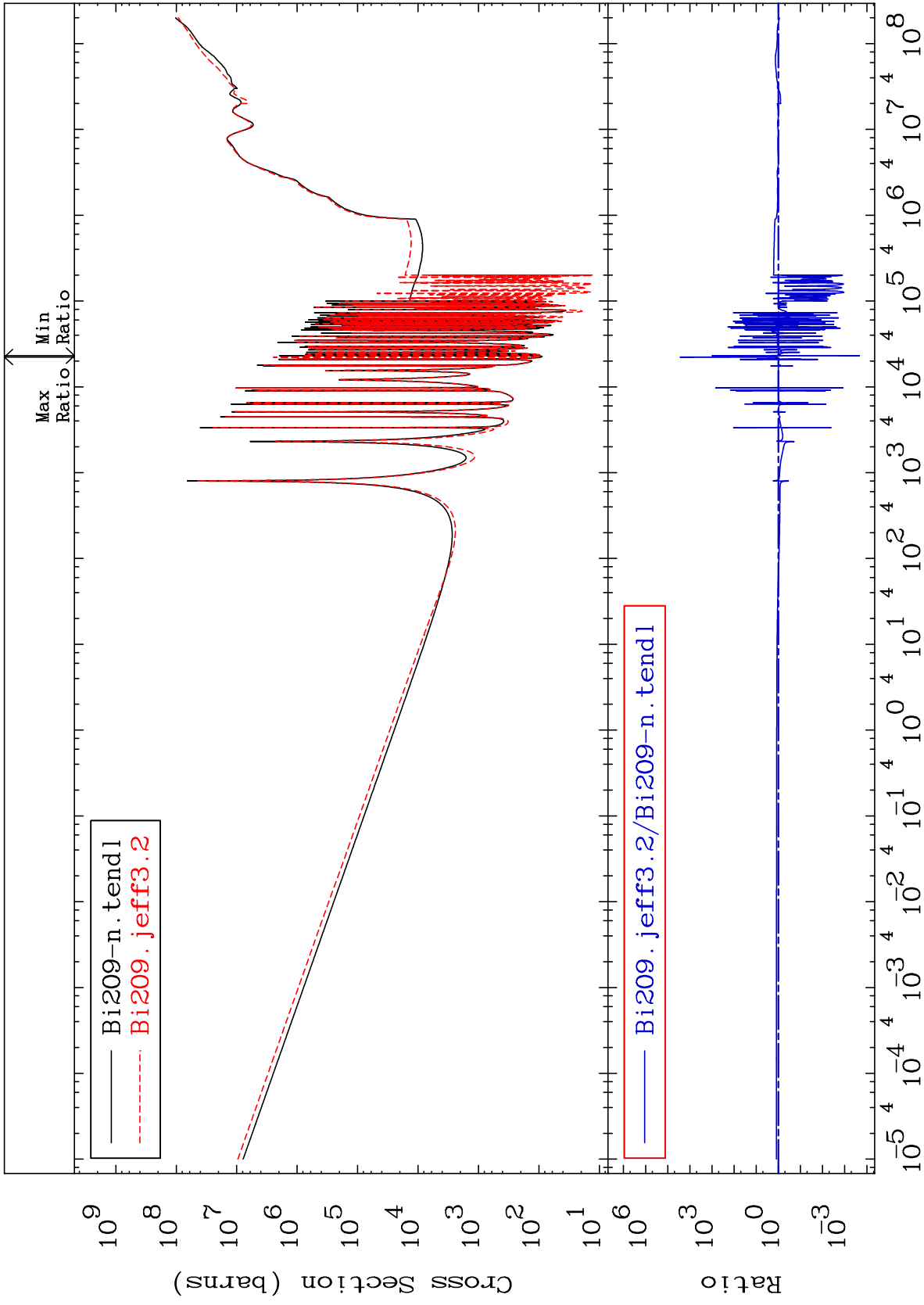
45

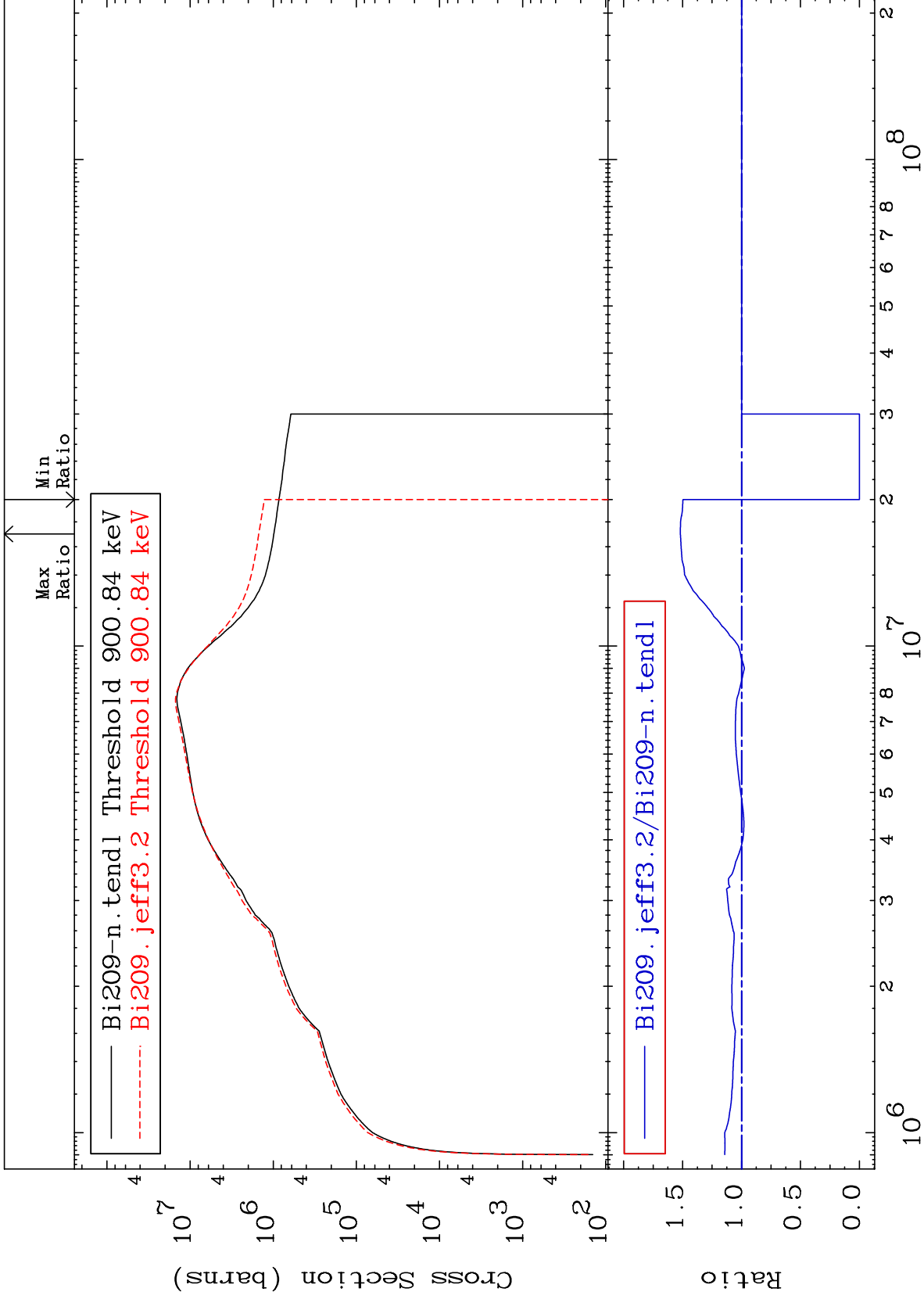
Incident Energy (eV)

83-Bi-209





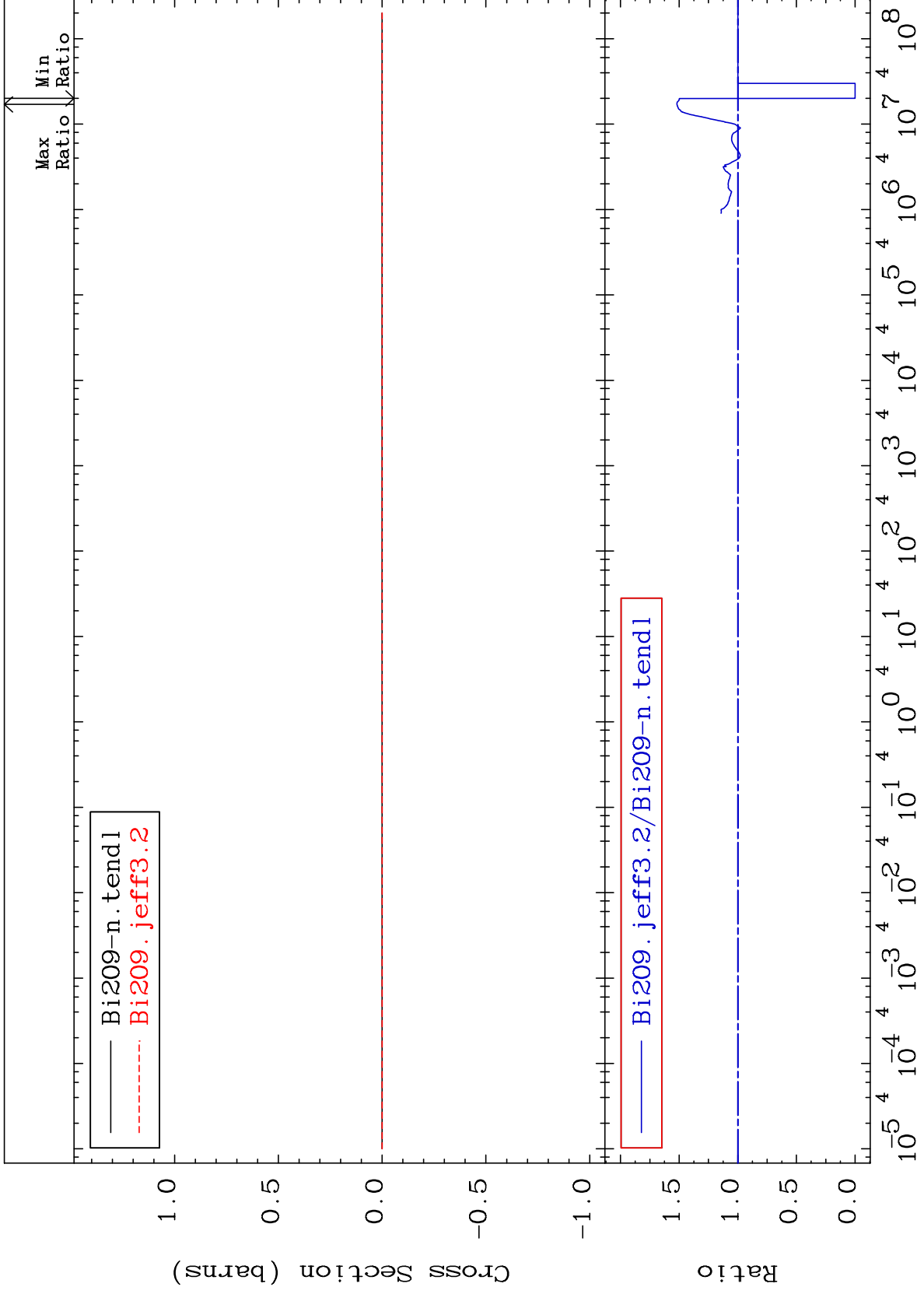




MAT 8325

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

83-Bi-209
-100.0 To 51.92 %



50

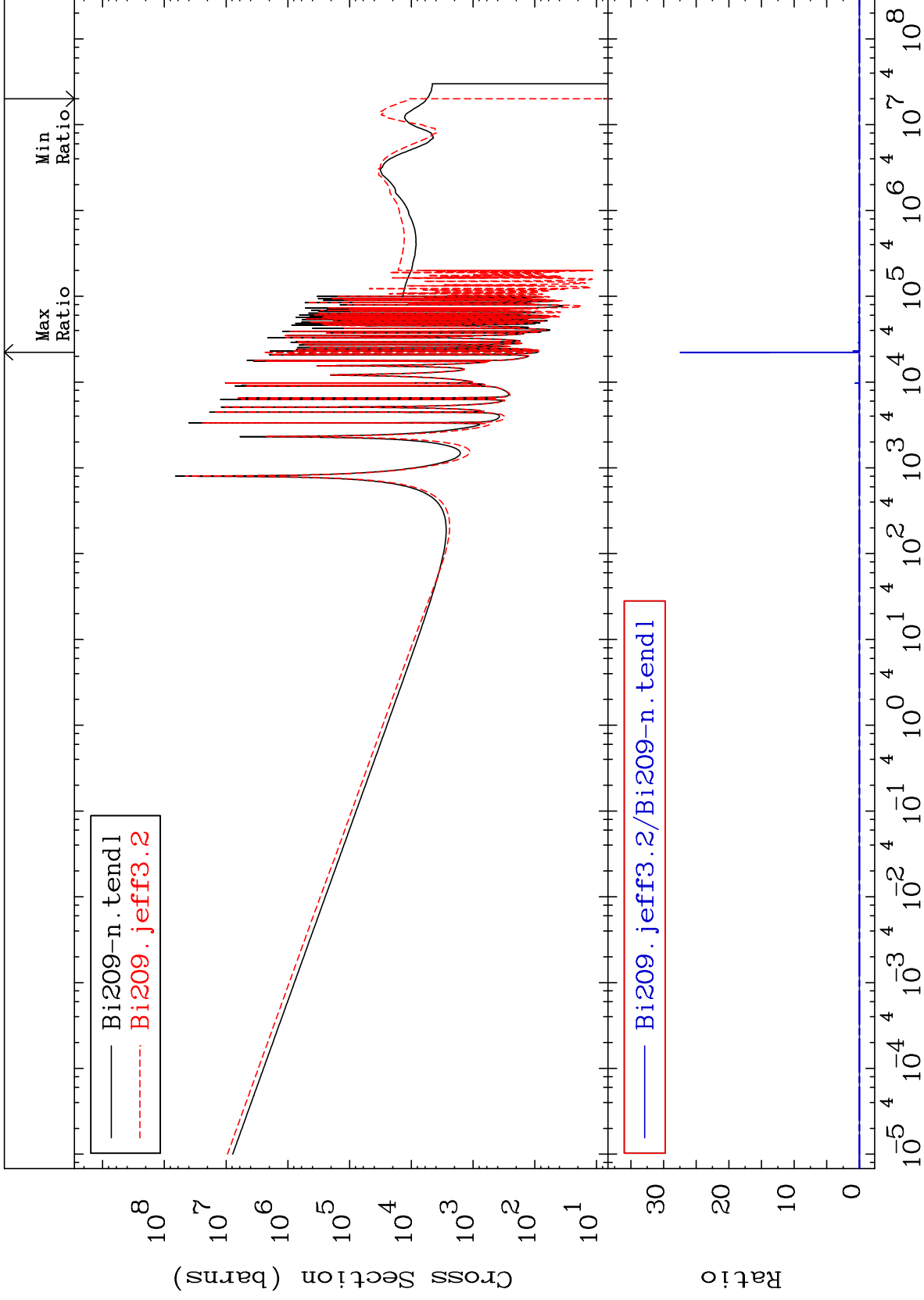
Incident Energy (eV)

83-Bi-209

MAT 8325

Kerma capture (mt102)
Cross Section

83-Bi-209
-100.0 To 9999. %



51

Incident Energy (eV)

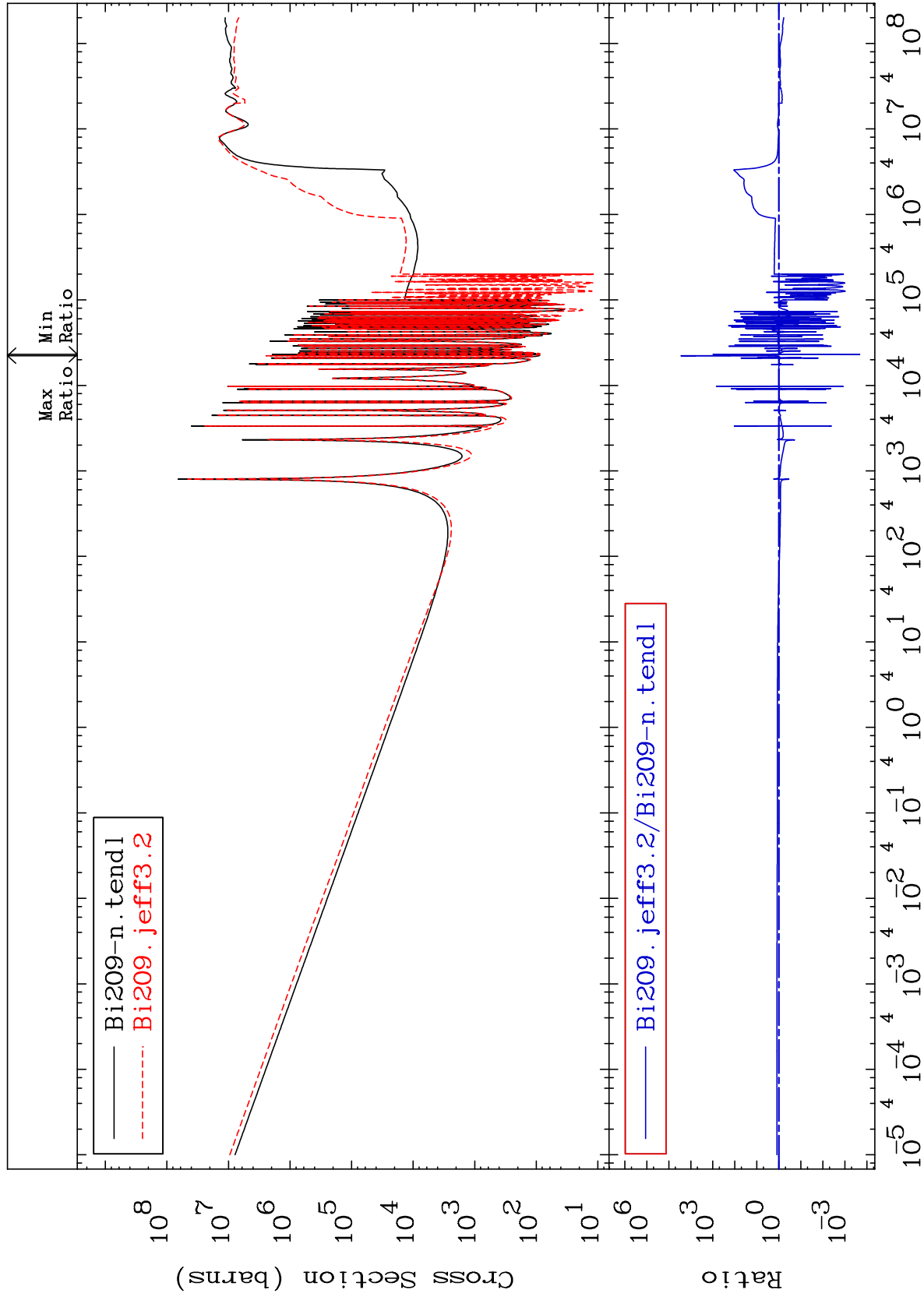
83-Bi-209

MAT 8325

Total photon (eV-barns)
Cross Section

83-Bi-209

-99.98 To 9999. %



52

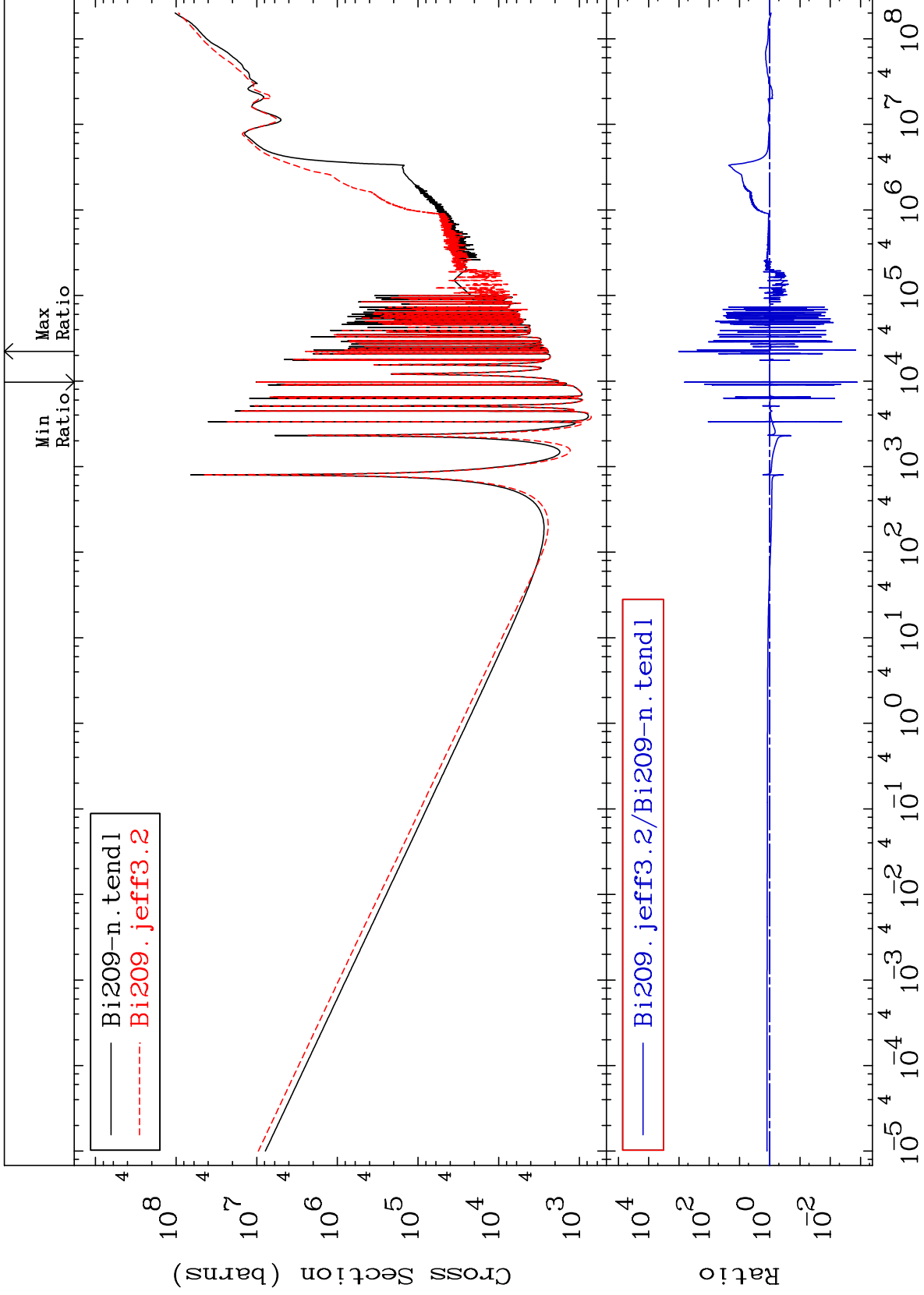
Incident Energy (eV)

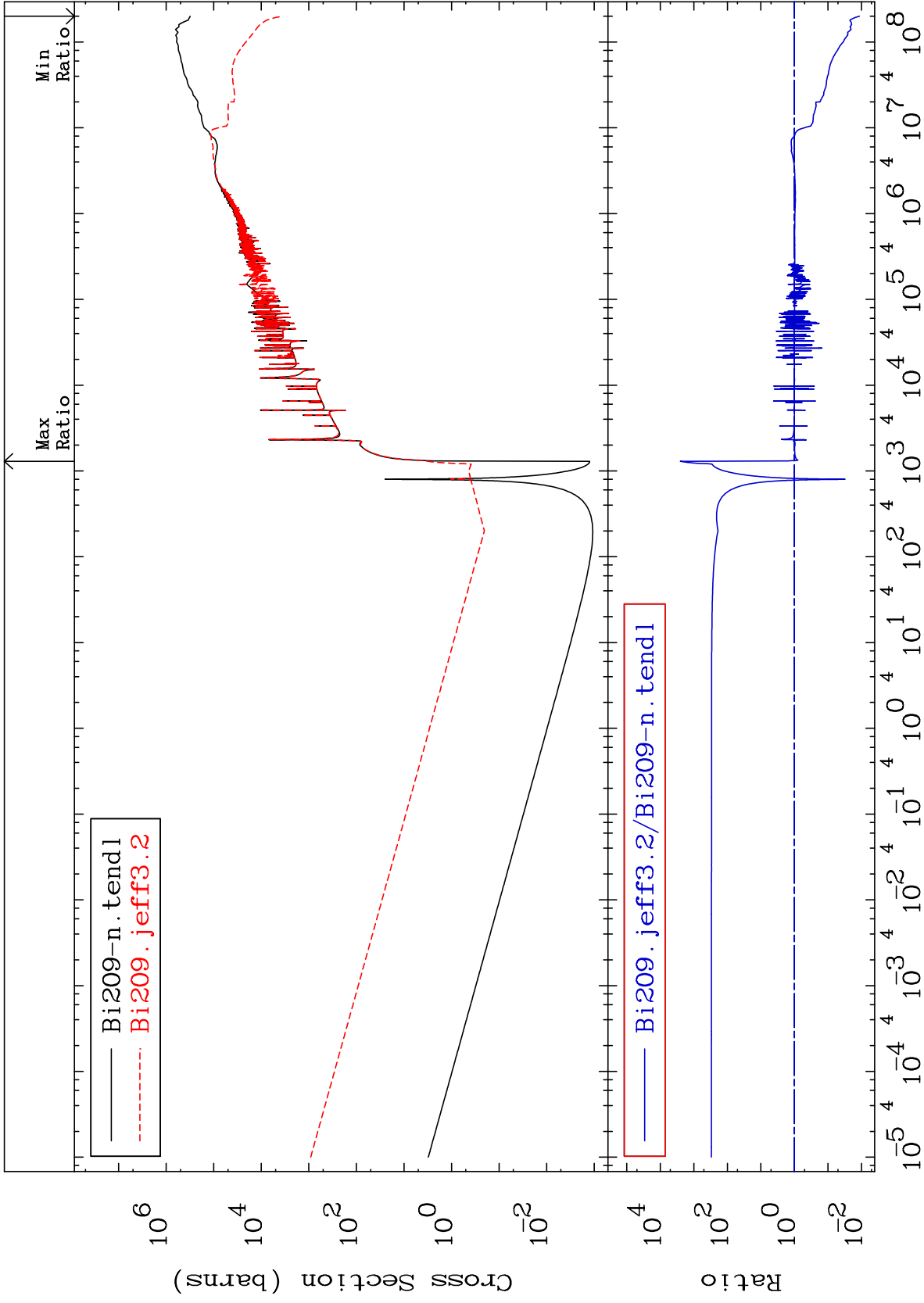
83-Bi-209

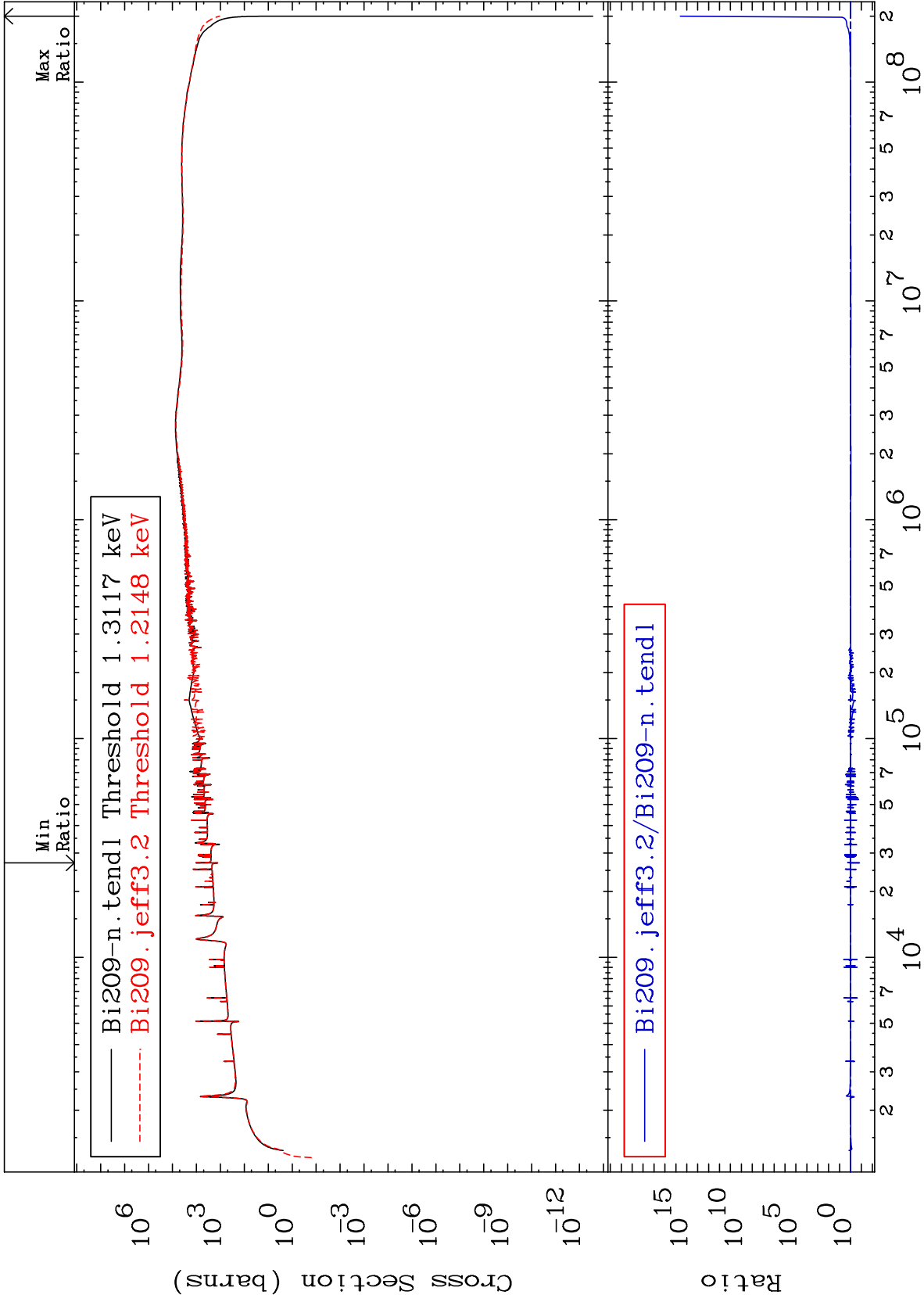
MAT 8325

Total kinematic kerma (high limit)
Cross Section

83-Bi-209
-99.87 To 9999. %



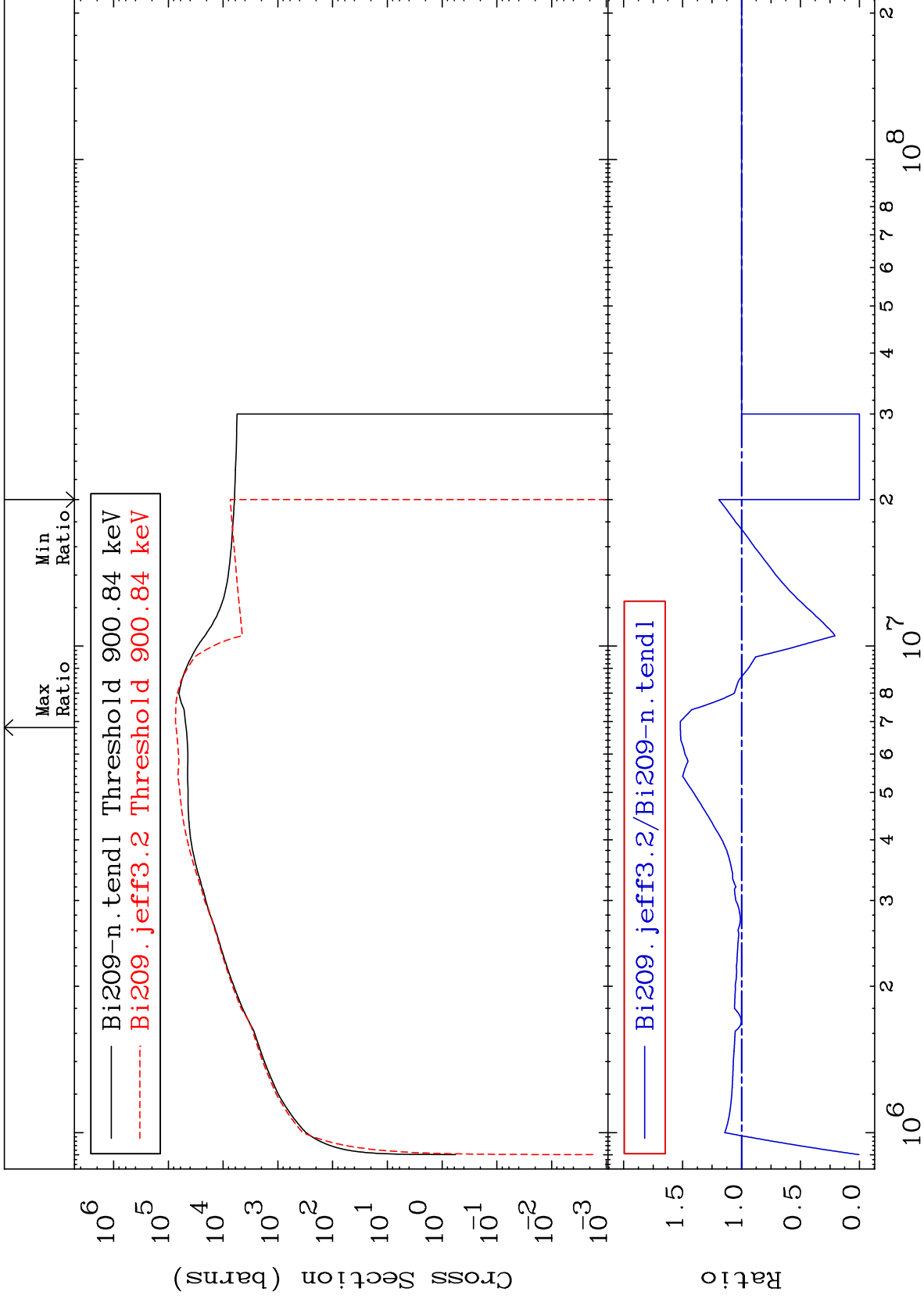




MAT 8325

Dpa inelastic (mt51-91)
Cross Section

83-Bi-209
-100.0 To 51.92 %



56

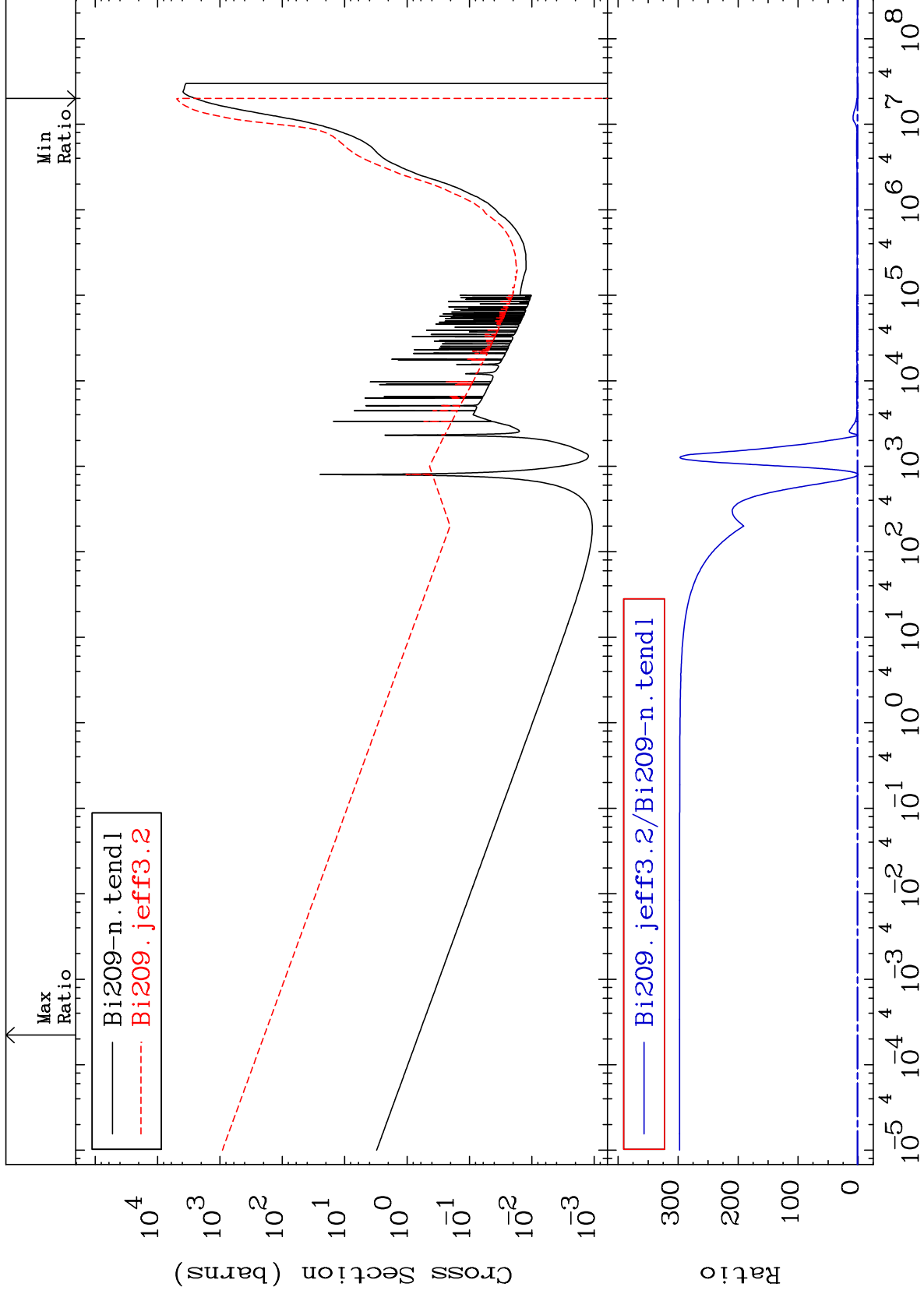
Incident Energy (eV)

83-Bi-209

MAT 8325

Dpa disappearance (mt102 -120)
Cross Section

83-Bi-209
-100.0 To 9999. %

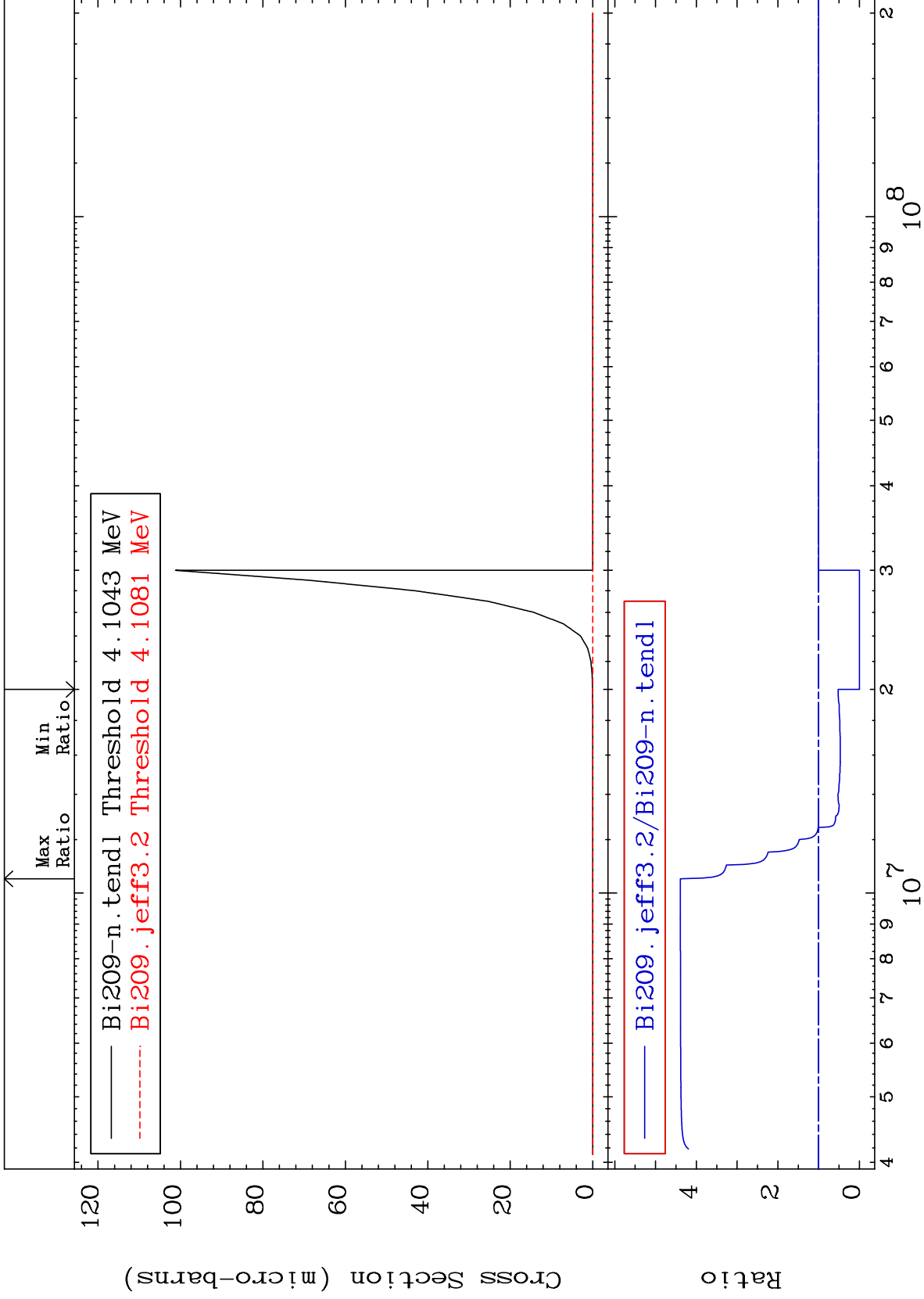


57

Incident Energy (eV)

83-Bi-209

Radionuclide Production Cross Section -100.0 To 339.1 %



Radionuclide Production Cross Section -100.0 To 195.8 %

