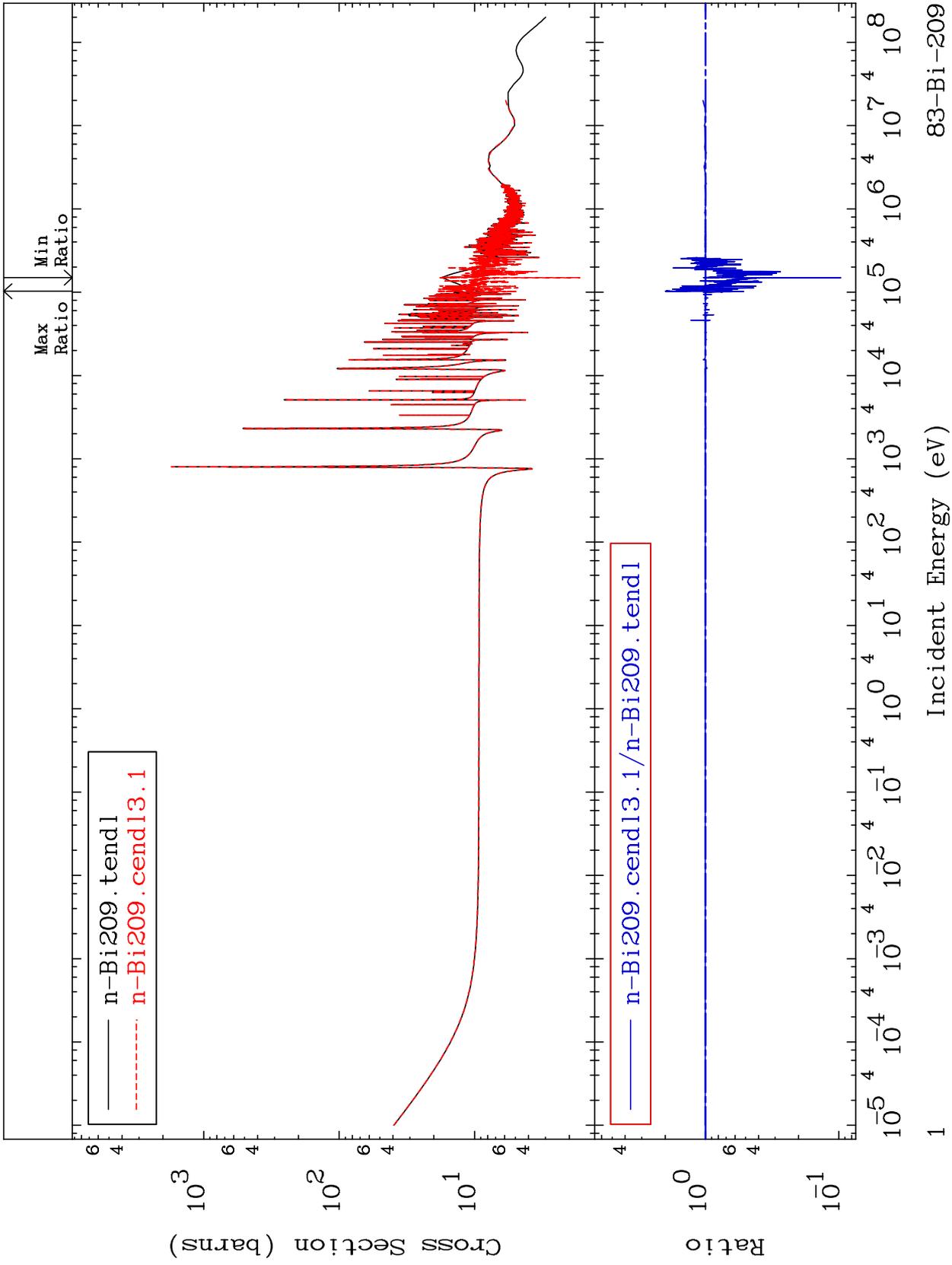


MAT 8325

Total
Cross Section

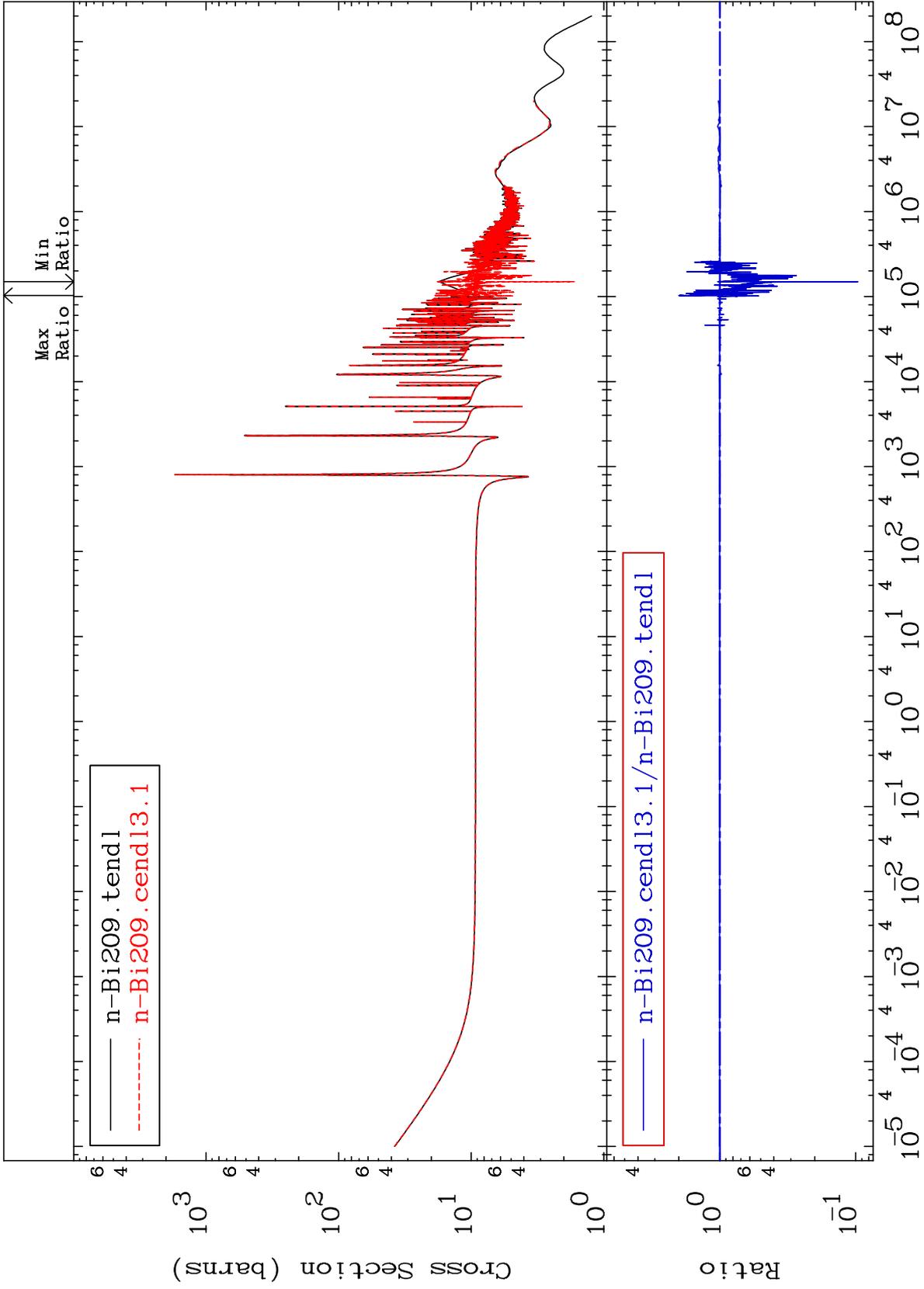
83-Bi-209
-90.35 To 99.16 %



MAT 8325

Elastic
Cross Section

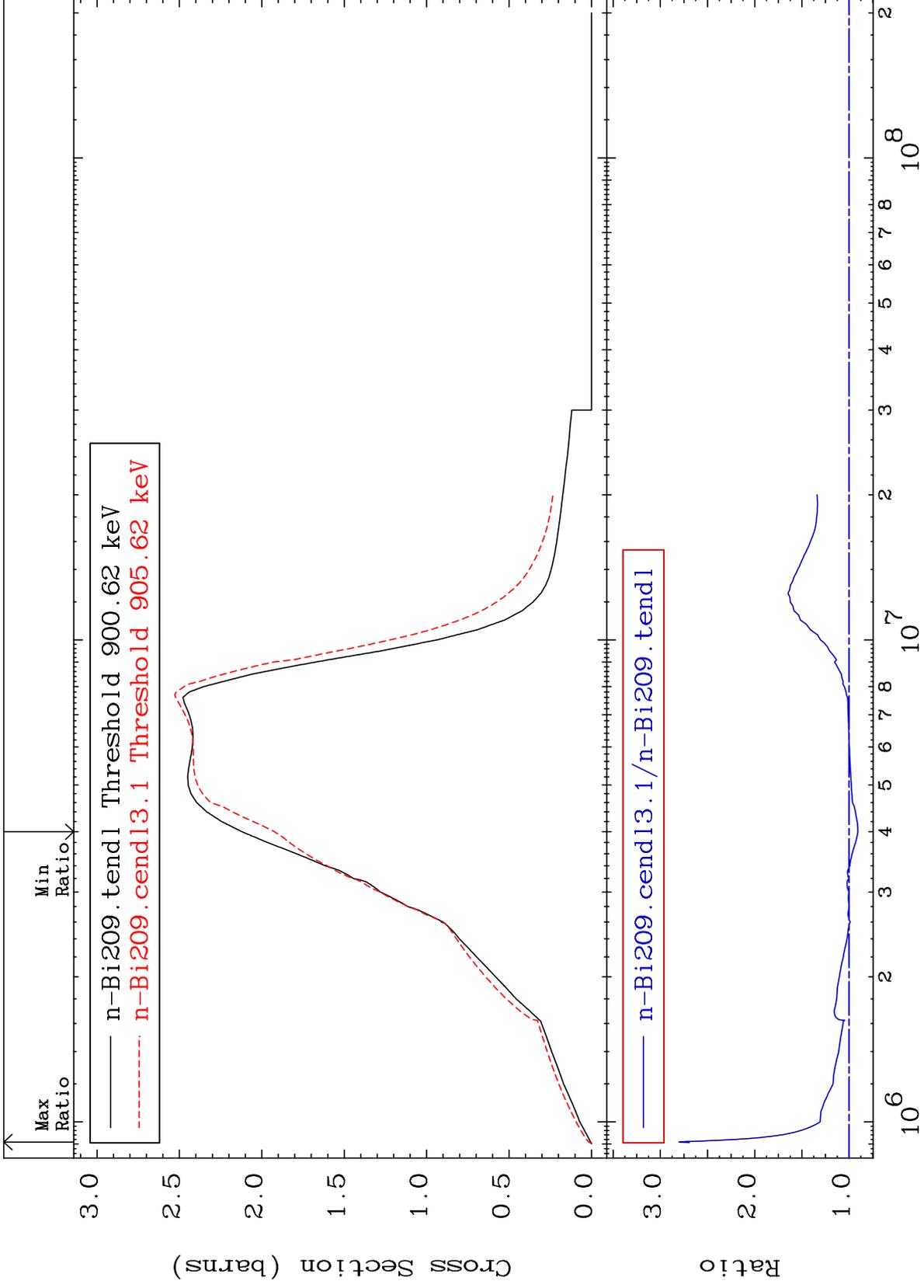
83-Bi-209
-90.37 To 99.18 %



MAT 8325

Inelastic
Cross Section

83-Bi-209
-9.310 To 180.1 %



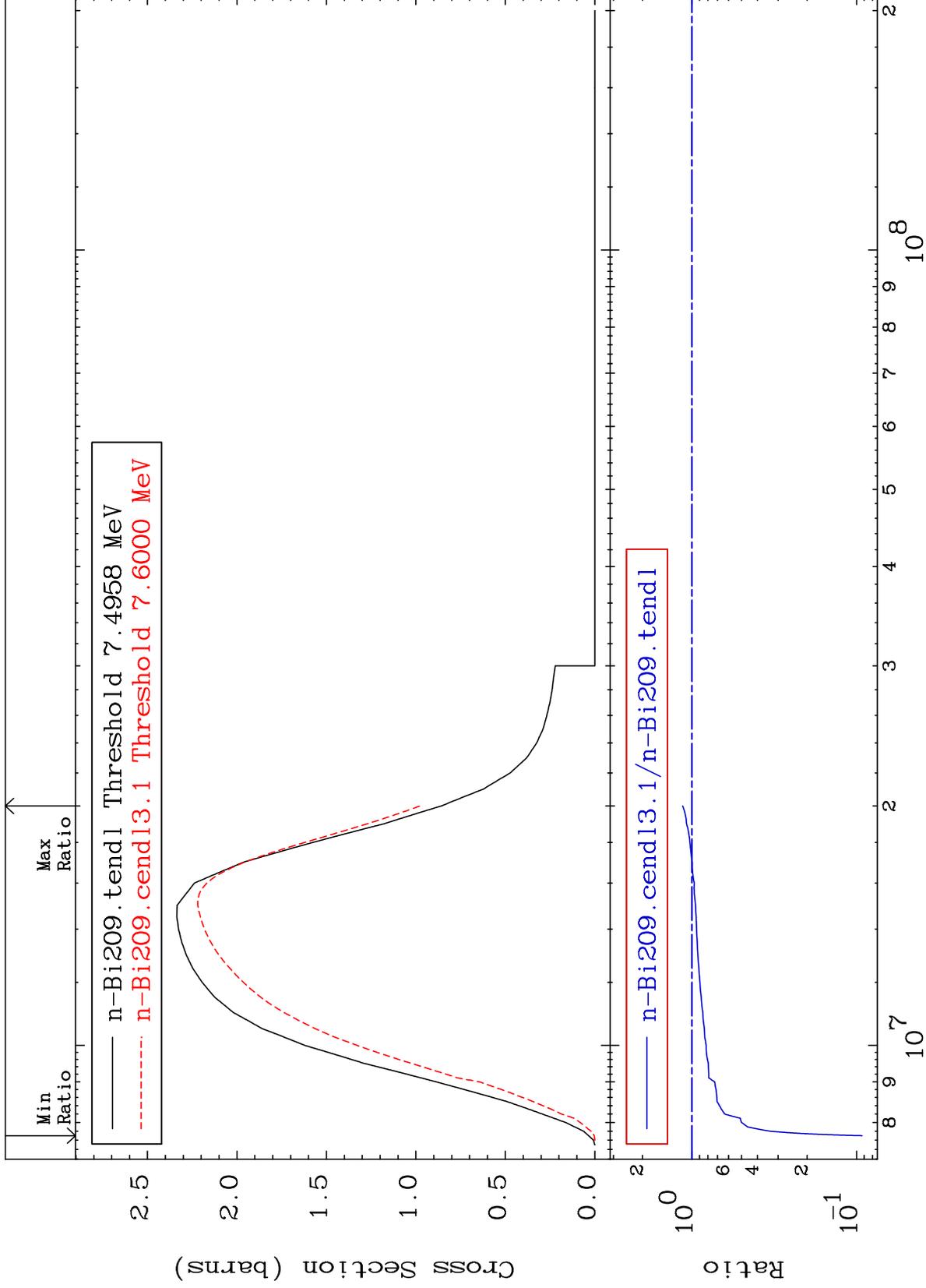
MAT 8325

(n,2n)

83-Bi-209

Cross Section

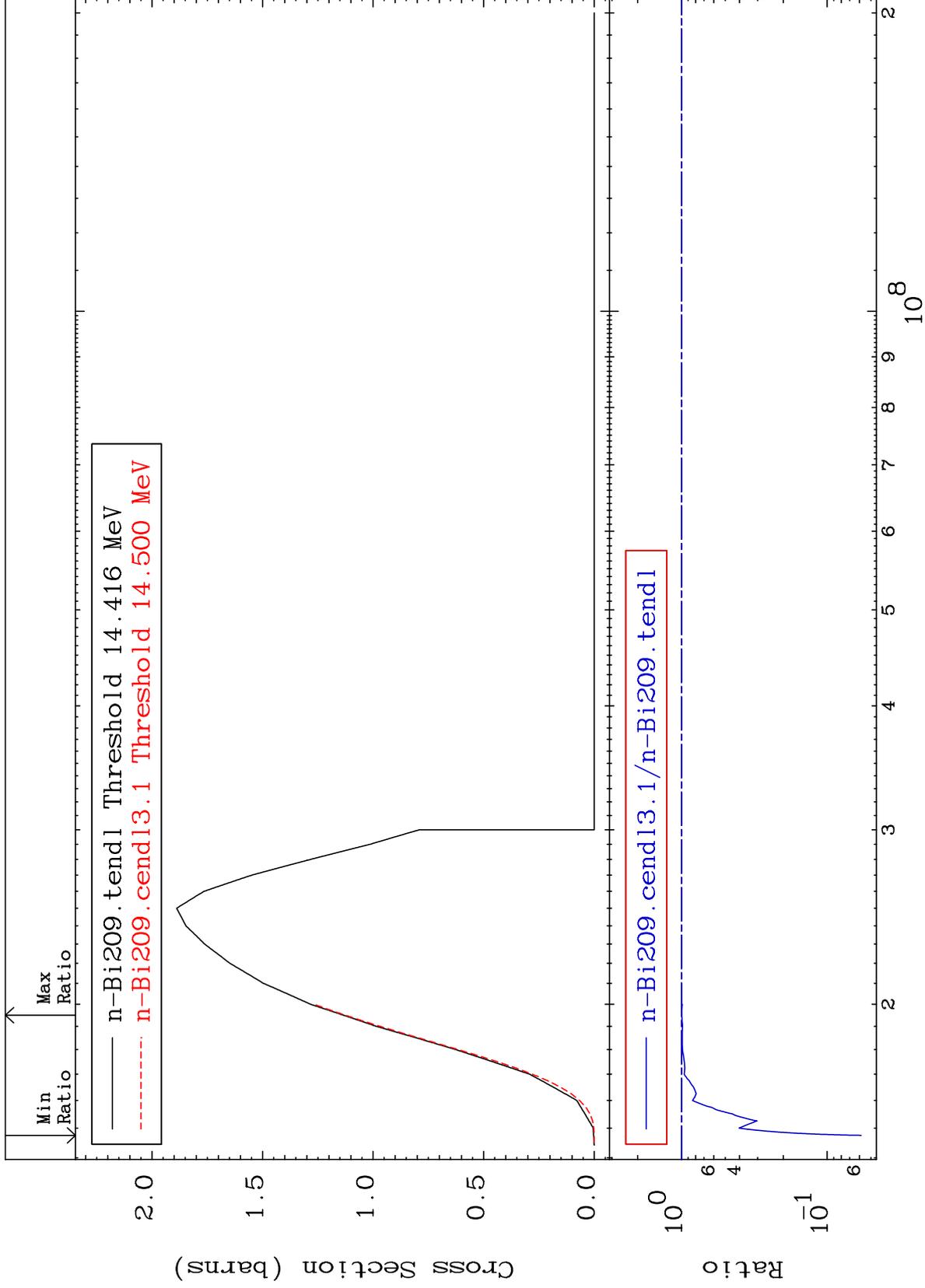
-90.74 To 13.96 %



4

Incident Energy (eV)

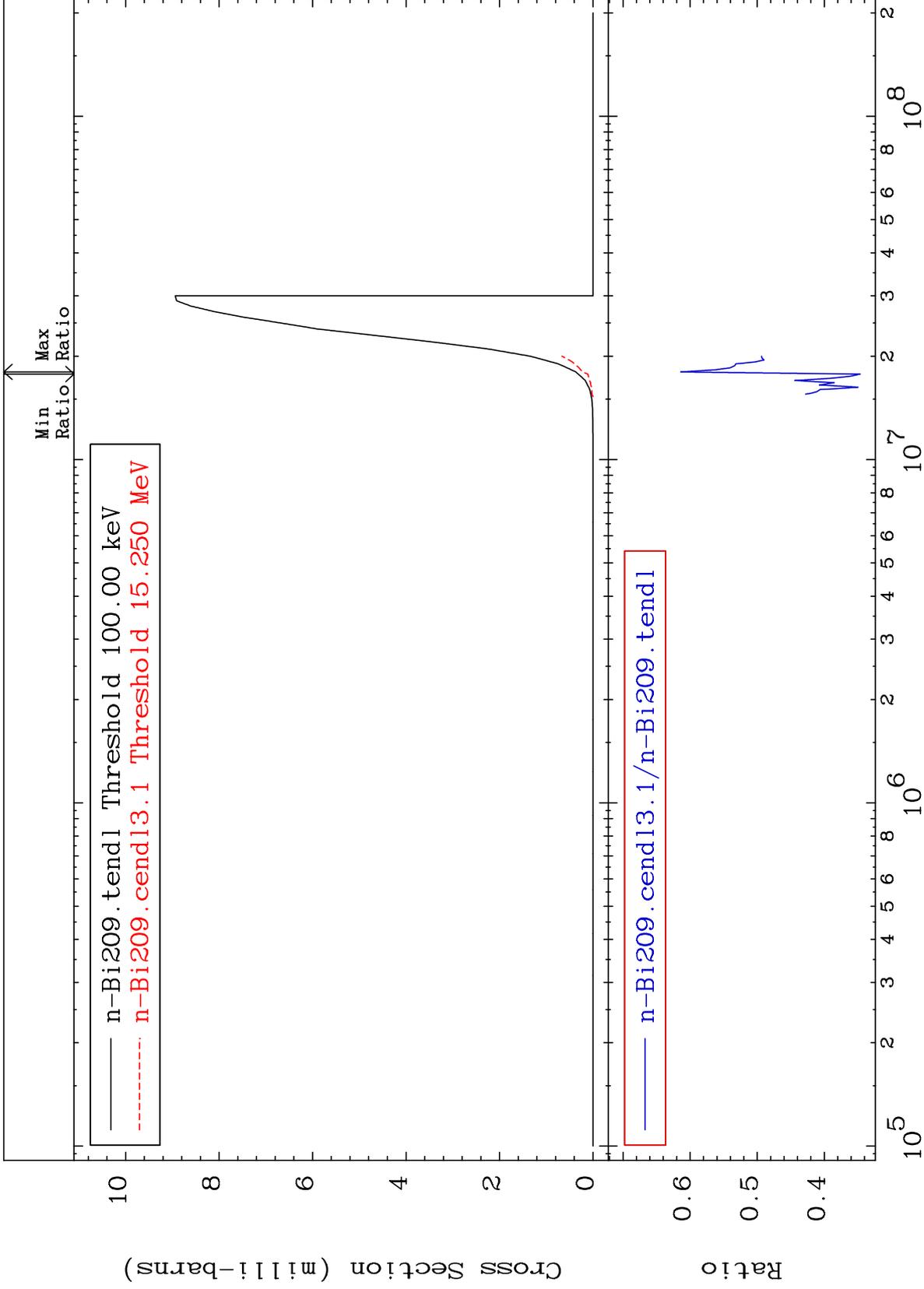
83-Bi-209



MAT 8325

(n, n') α
Cross Section

83-Bi-209
-65.33 To -38.61%



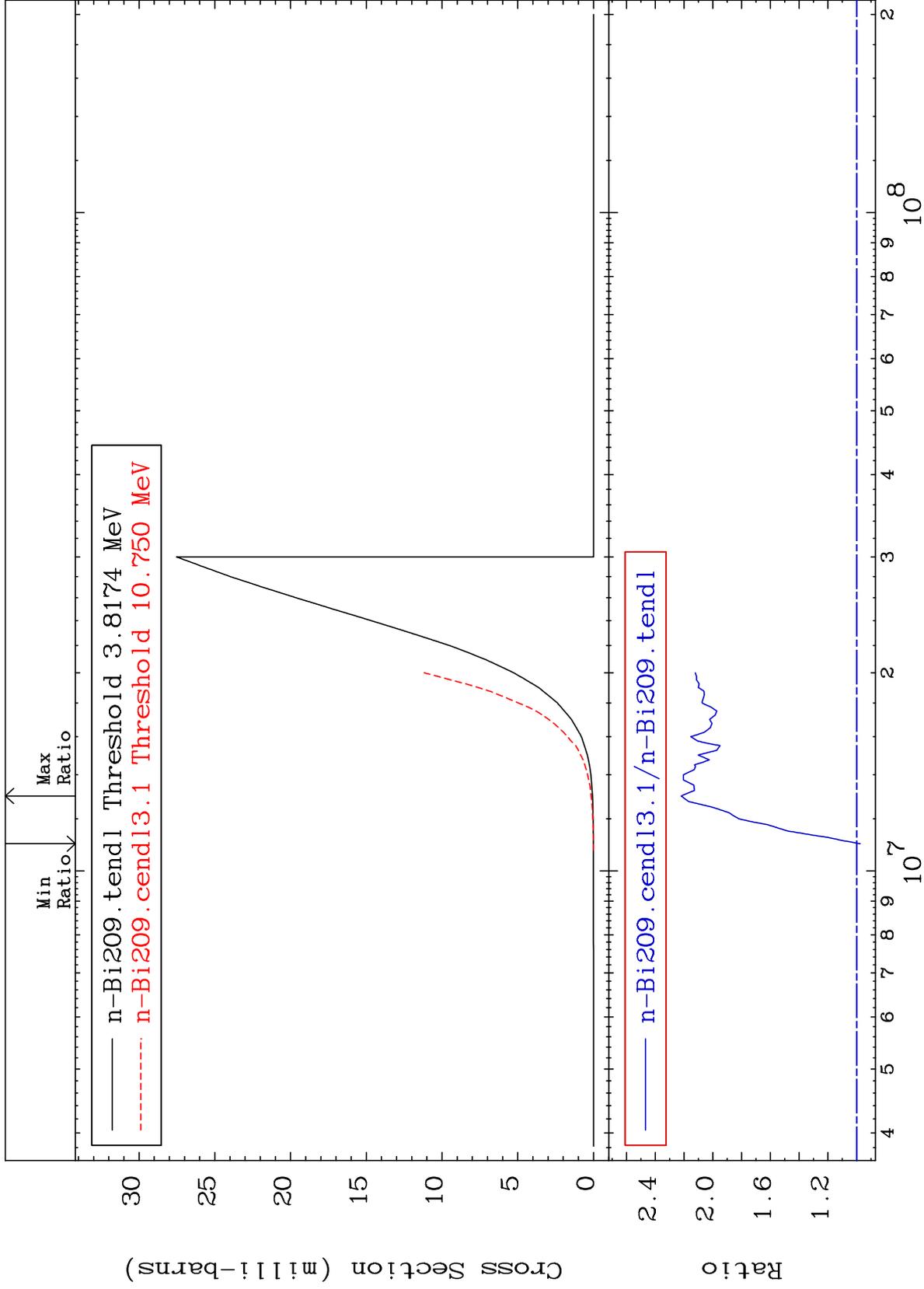
Incident Energy (eV)

83-Bi-209

MAT 8325

(n,n') p
Cross Section

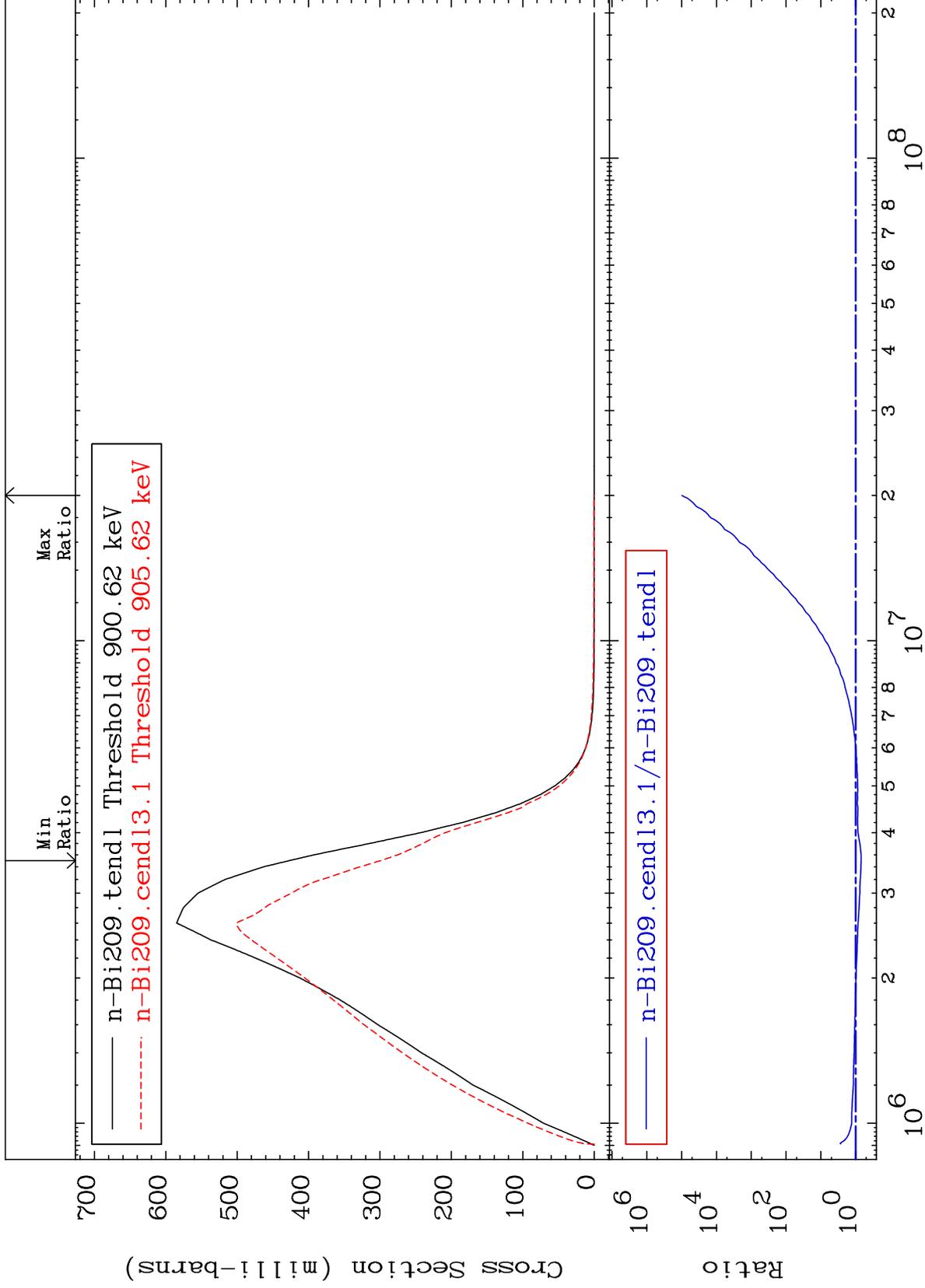
83-Bi-209
-2.402 To 122.0 %



MAT 8325

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

83-Bi-209
-29.98 To 9999. %



8

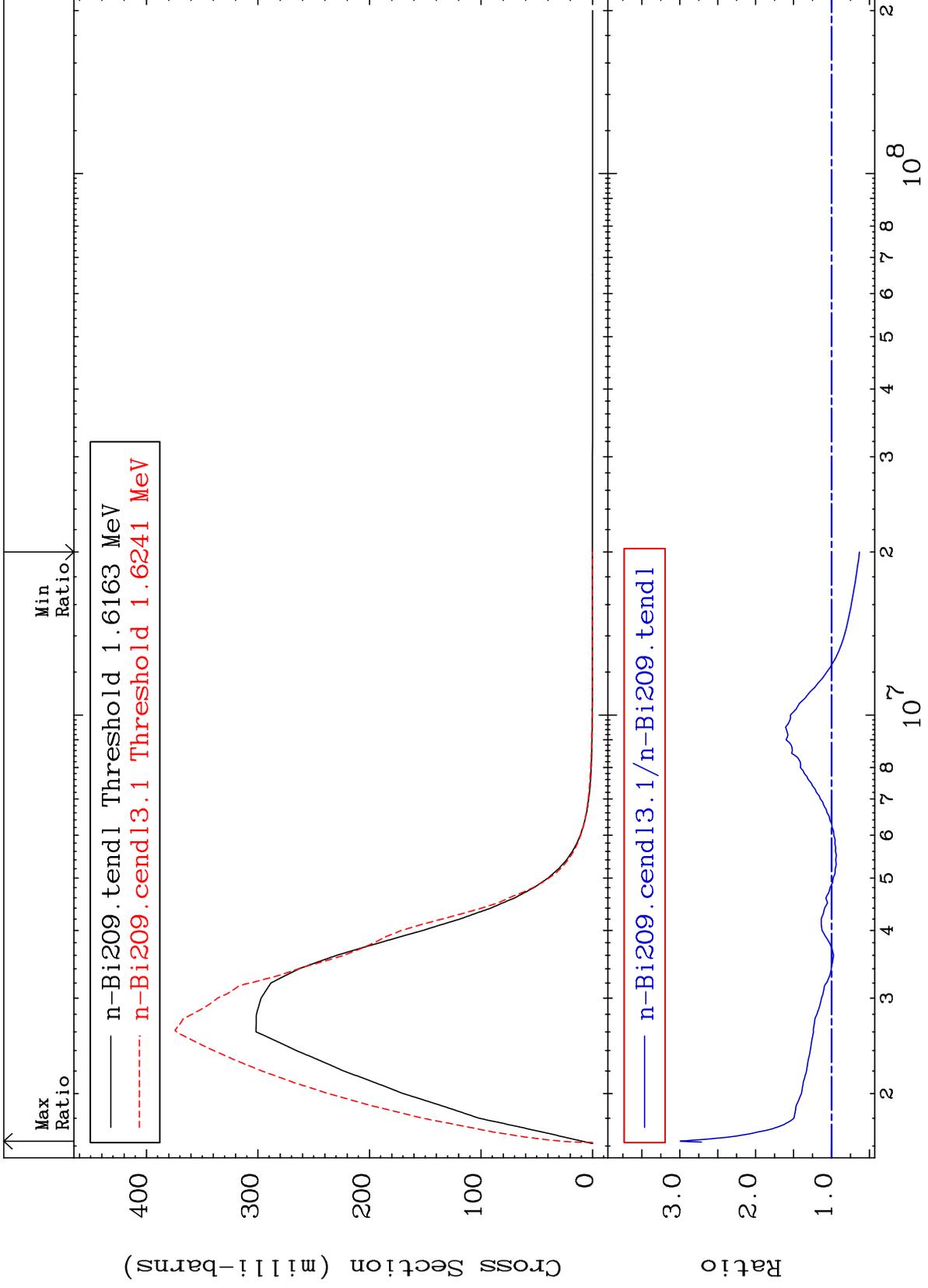
Incident Energy (eV)

83-Bi-209

MAT 8325

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

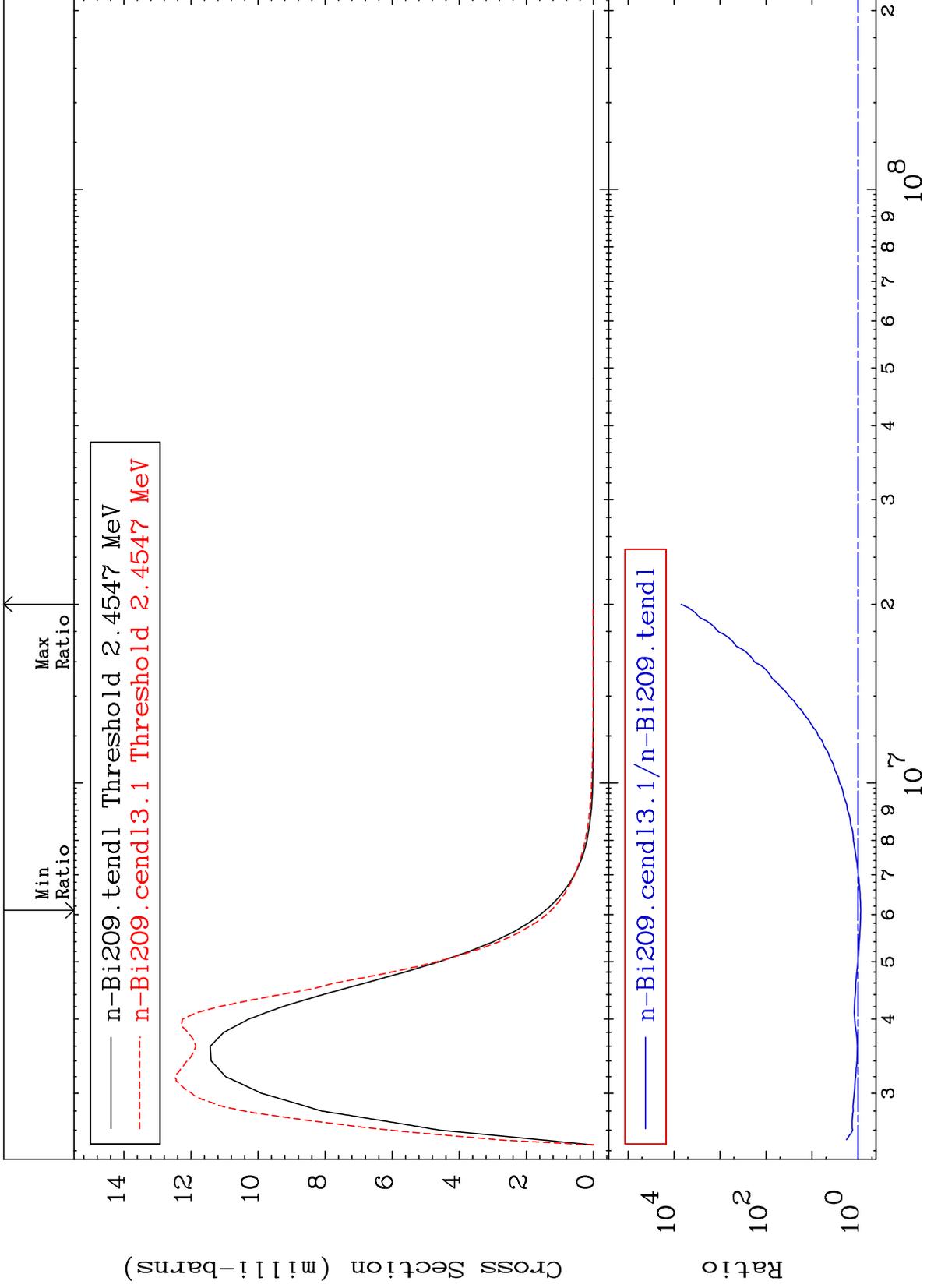
83-Bi-209
-36.91 To 199.3 %



MAT 8325

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

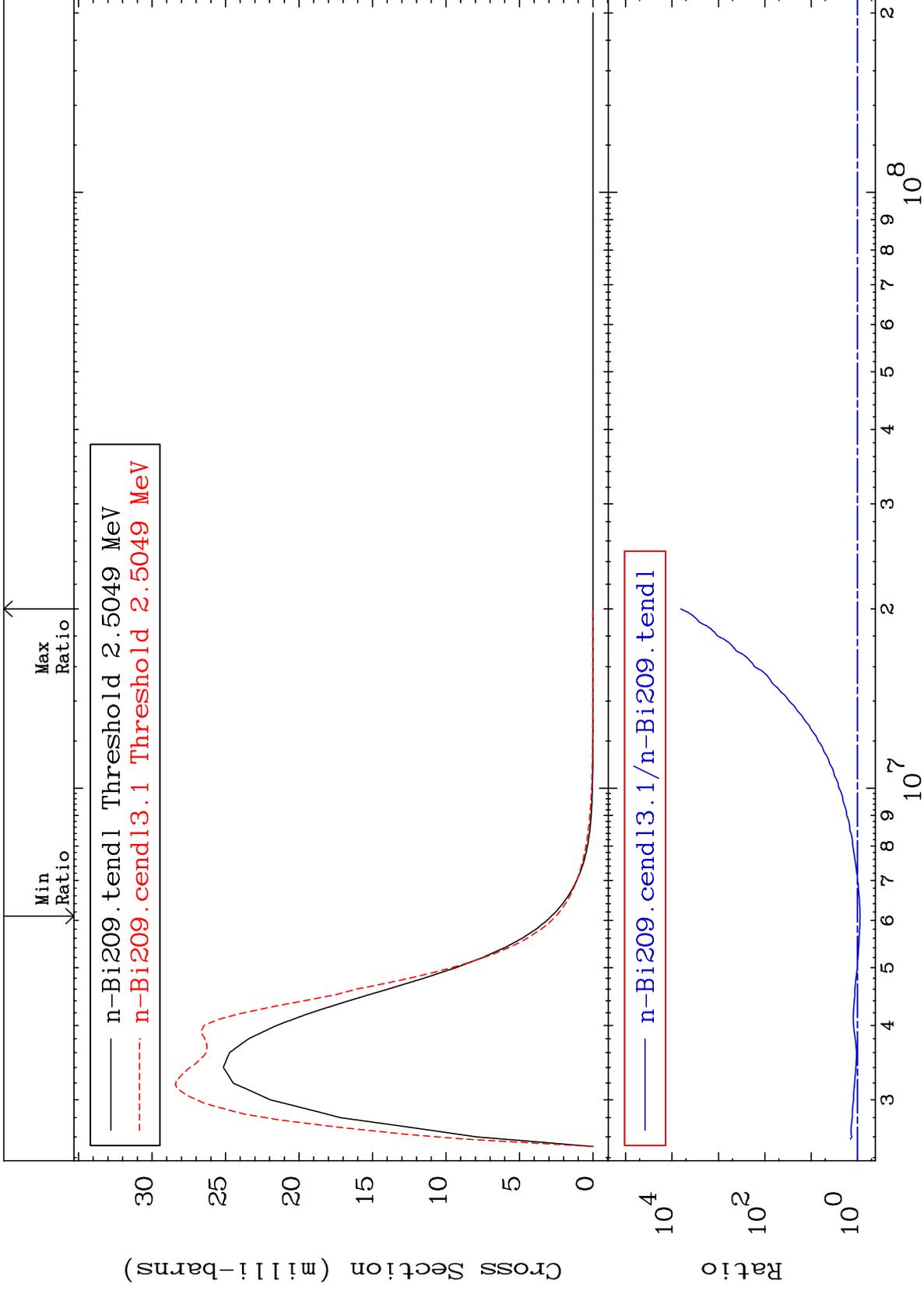
83-Bi-209
-12.10 To 9999. %



10

Incident Energy (eV)

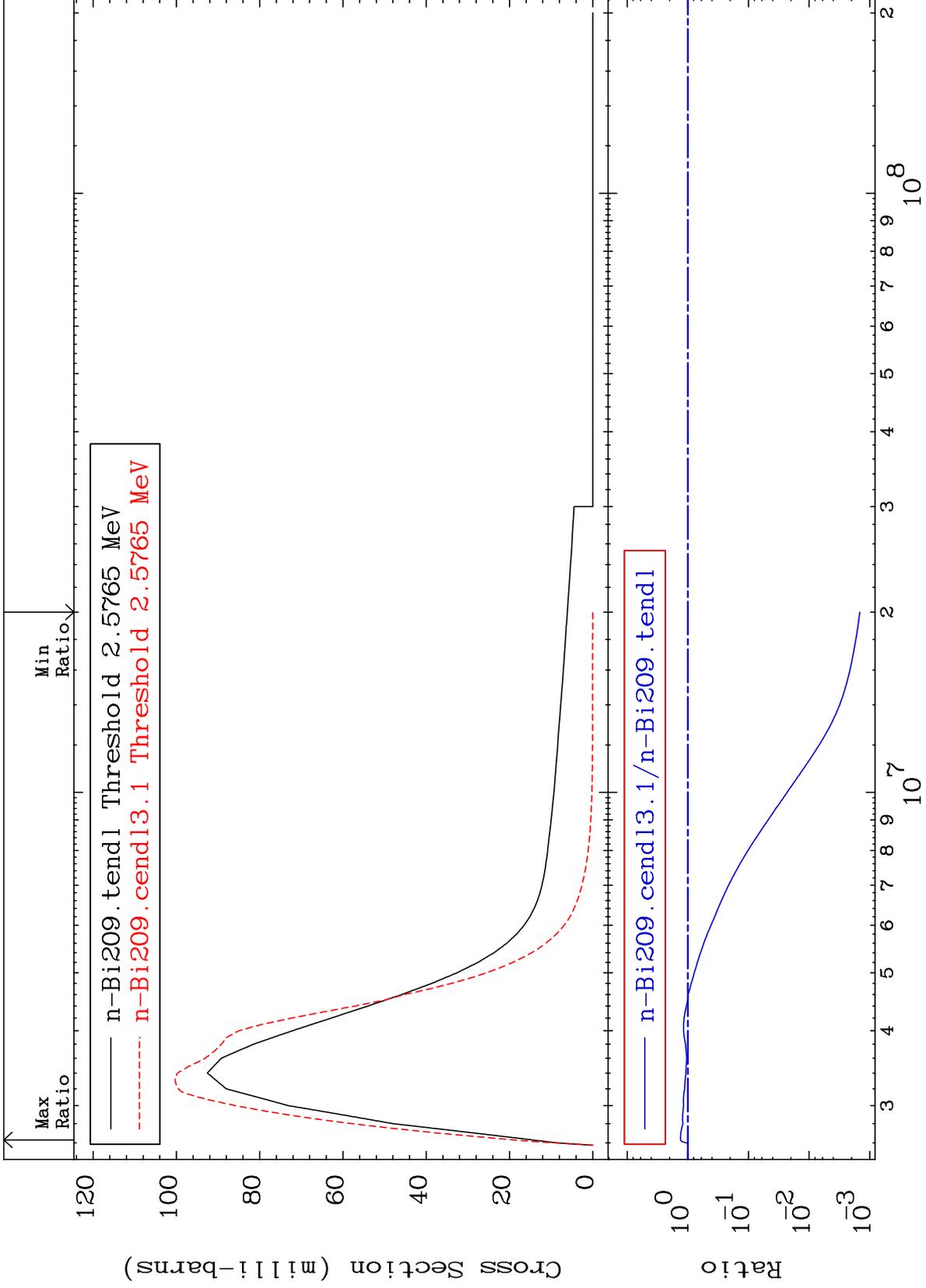
83-Bi-209



MAT 8325

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

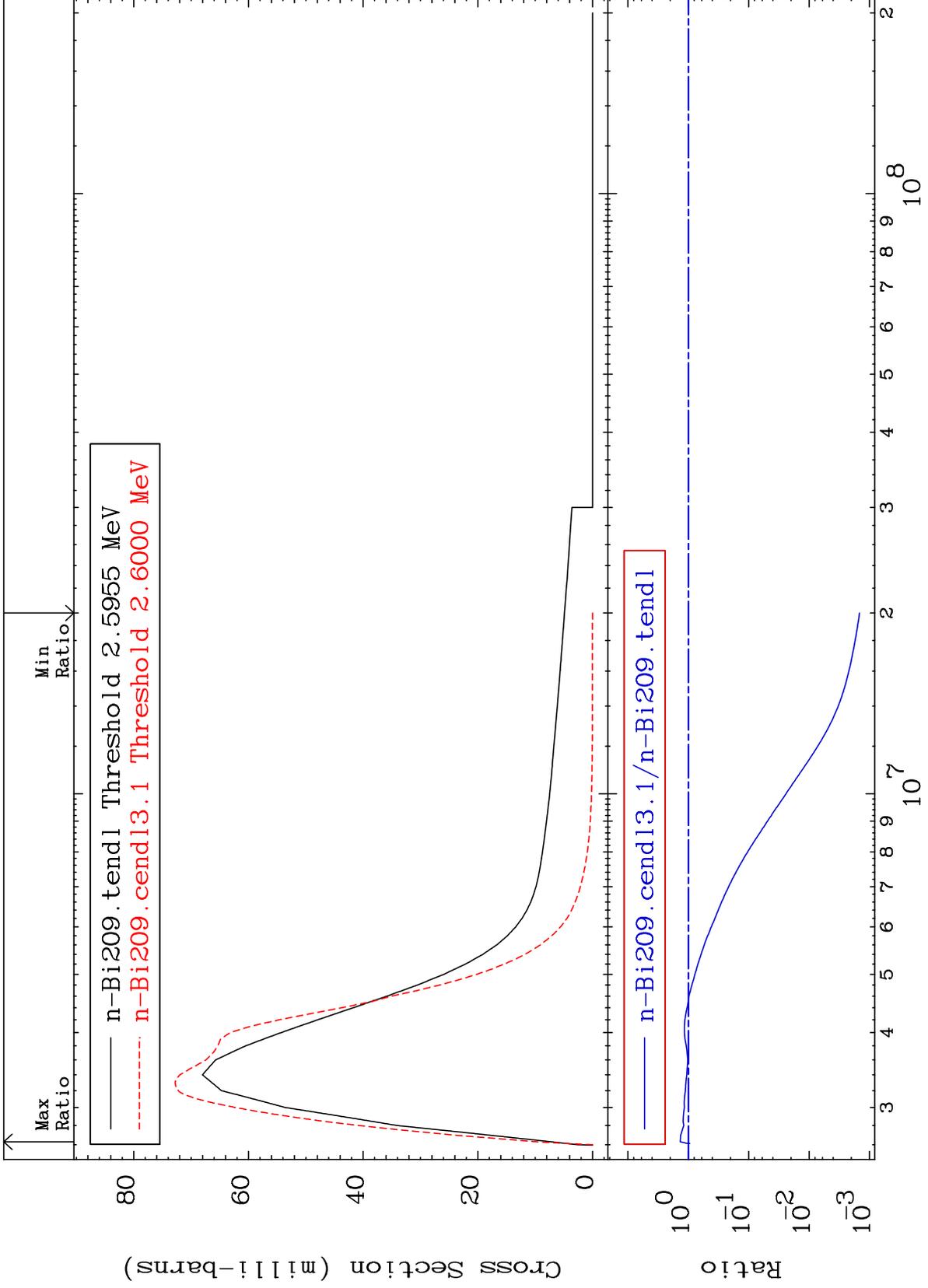
83-Bi-209
-99.85 To 32.07 %



MAT 8325

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

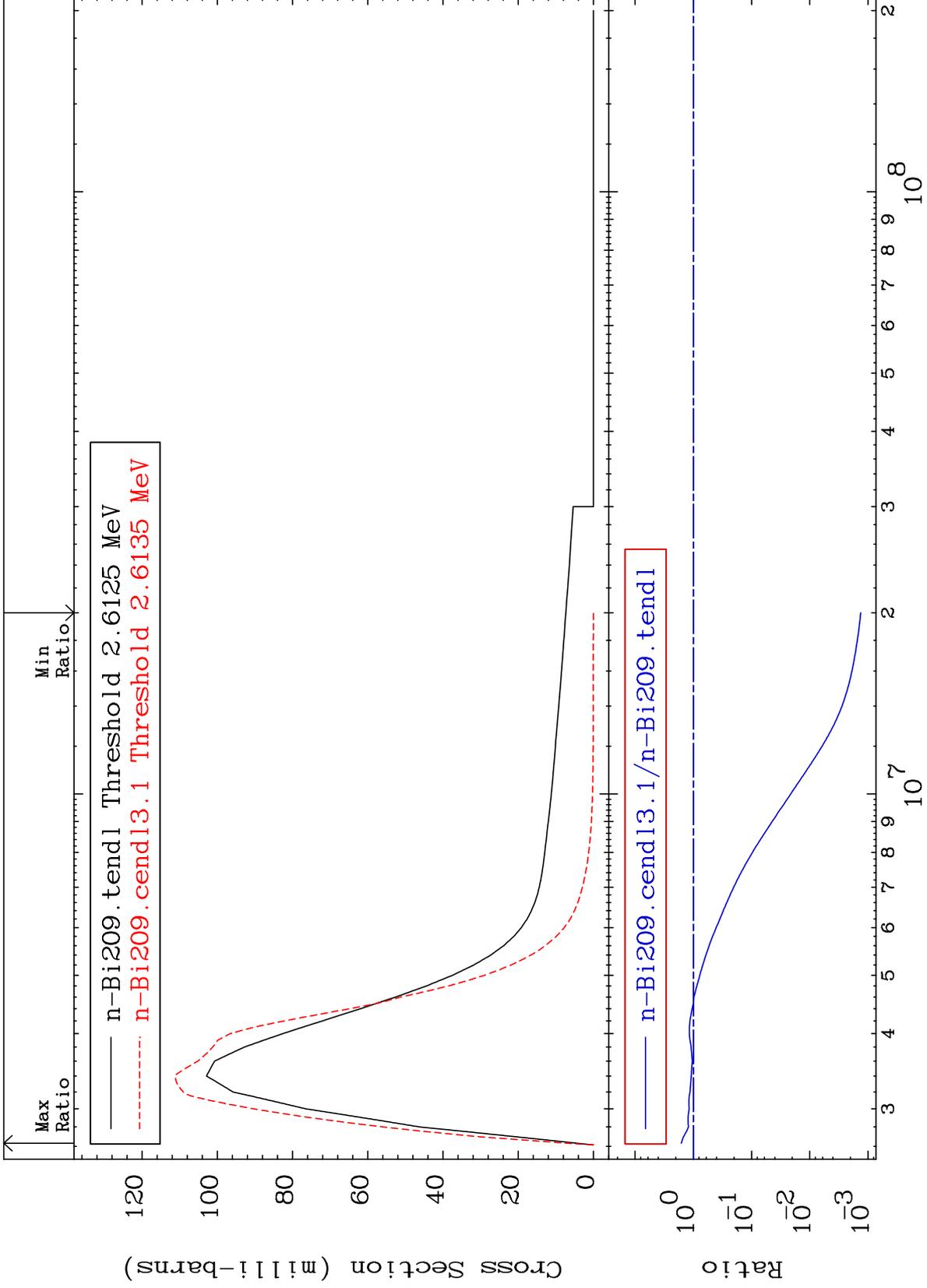
83-Bi-209
-99.85 To 35.98 %



MAT 8325

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

83-Bi-209
-99.87 To 61.09 %



14

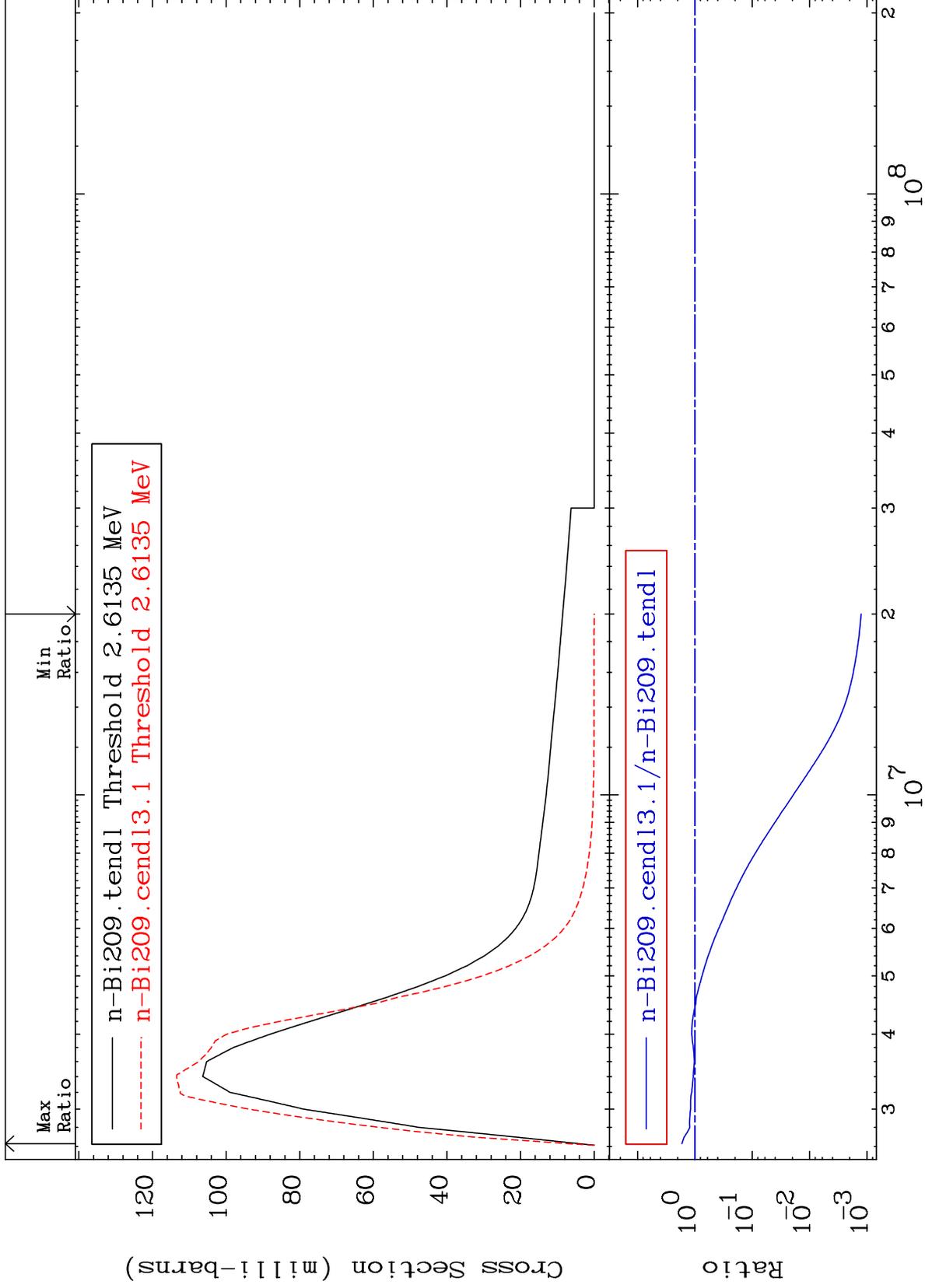
Incident Energy (eV)

83-Bi-209

MAT 8325

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

83-Bi-209
-99.87 To 68.42 %



15

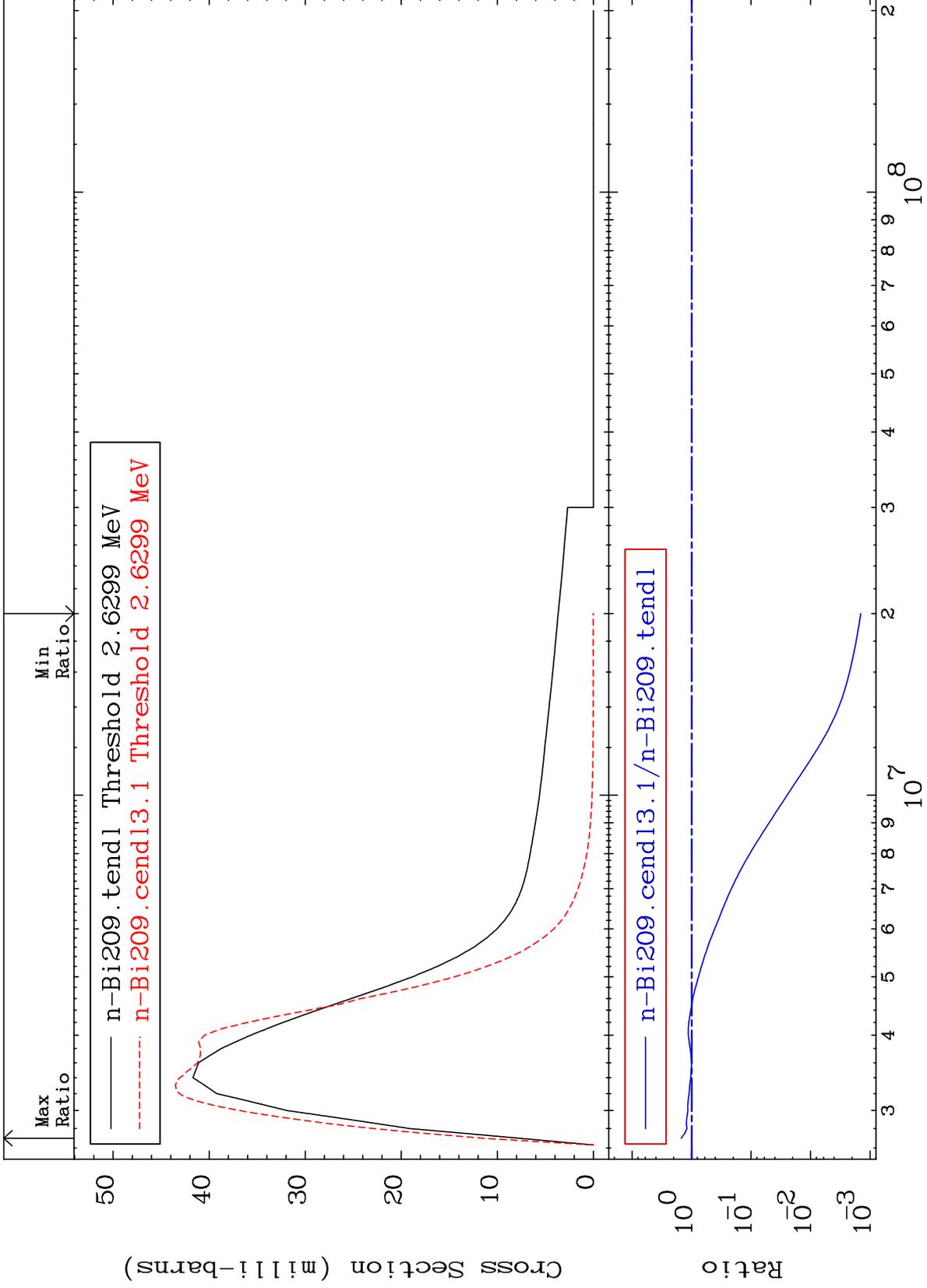
Incident Energy (eV)

83-Bi-209

MAT 8325

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

83-Bi-209
-99.86 To 49.43 %



16

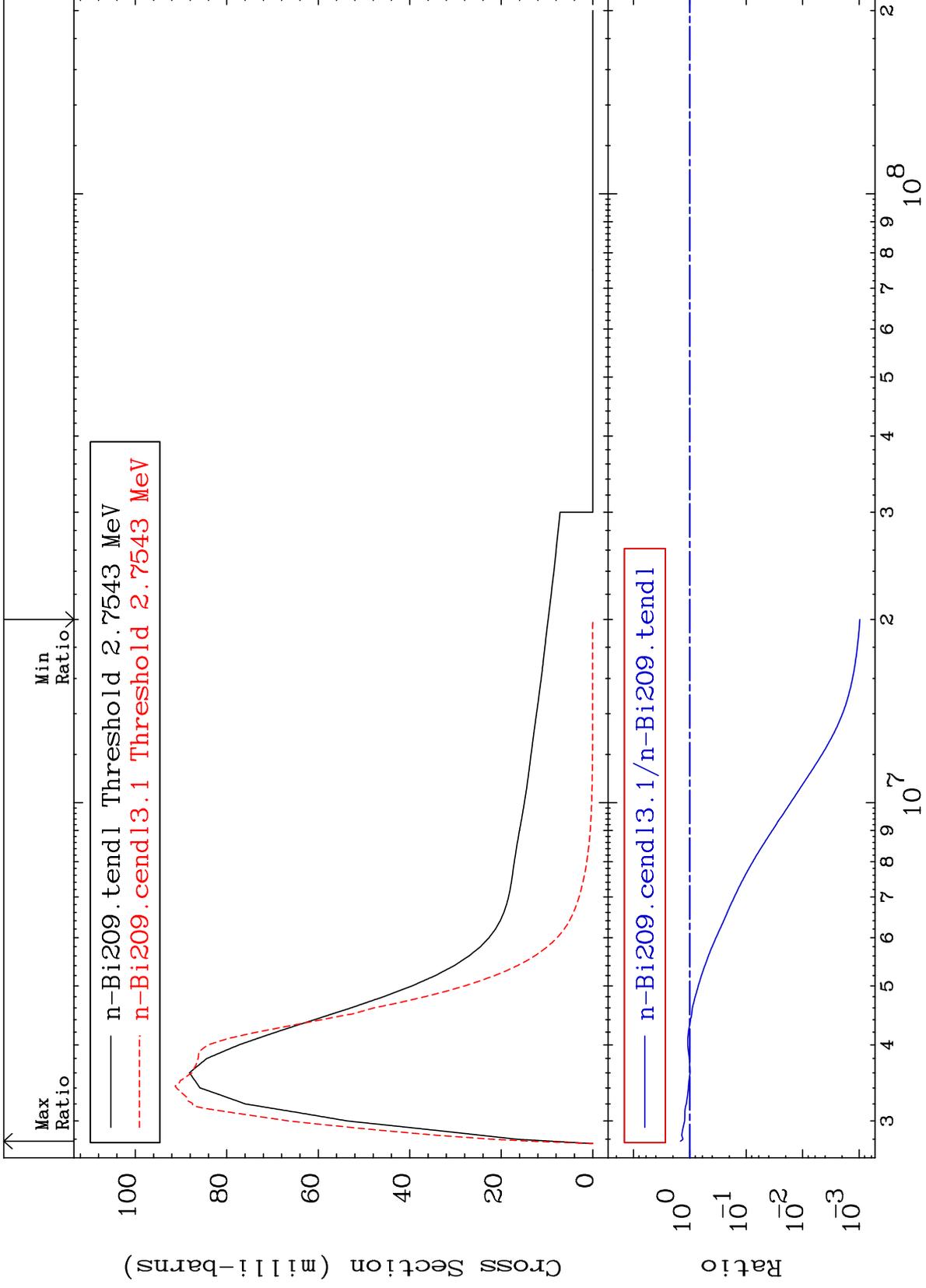
Incident Energy (eV)

83-Bi-209

MAT 8325

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

83-Bi-209
-99.90 To 46.42 %



17

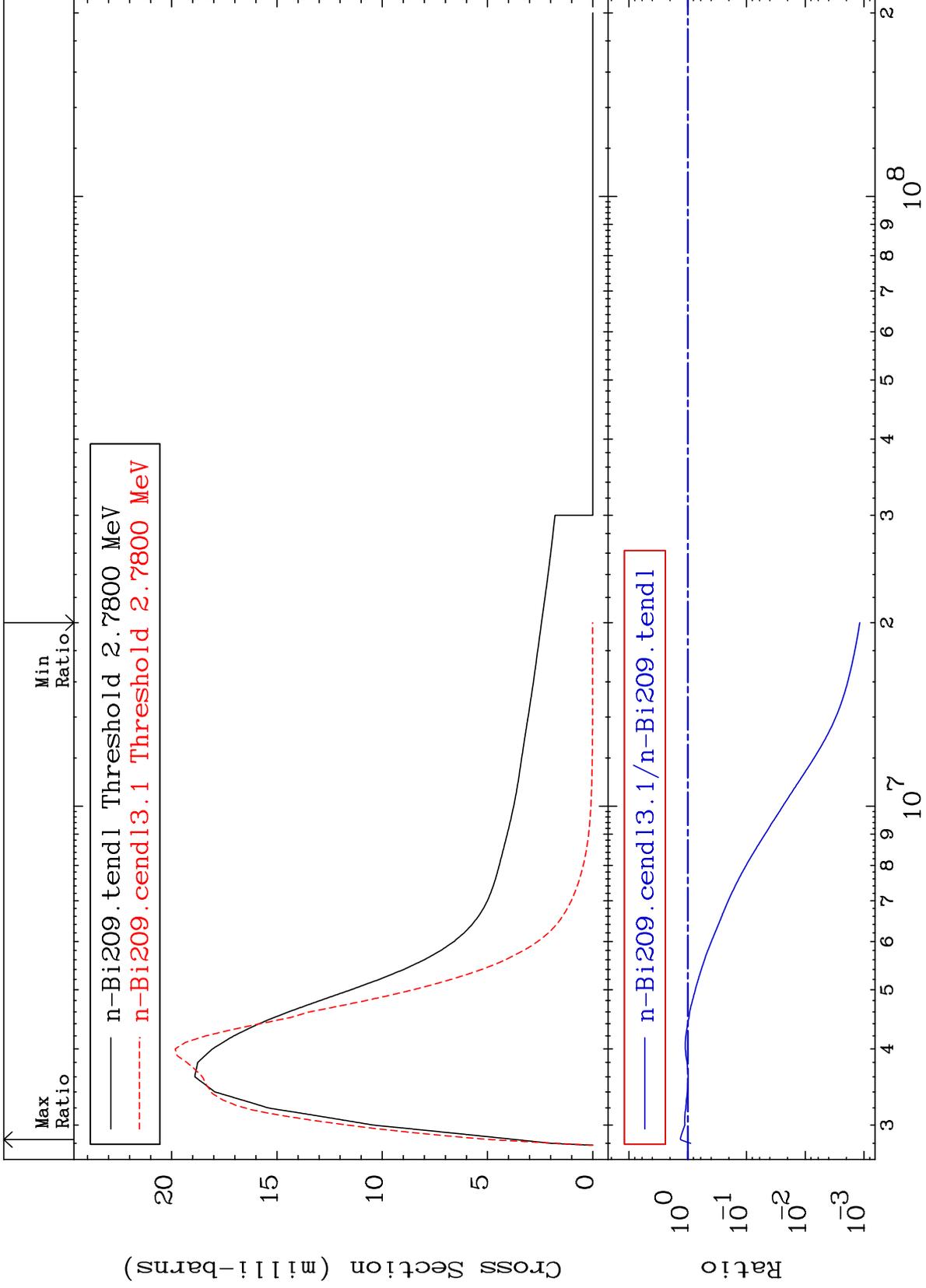
Incident Energy (eV)

83-Bi-209

MAT 8325

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

83-Bi-209
-99.88 To 32.77 %



18

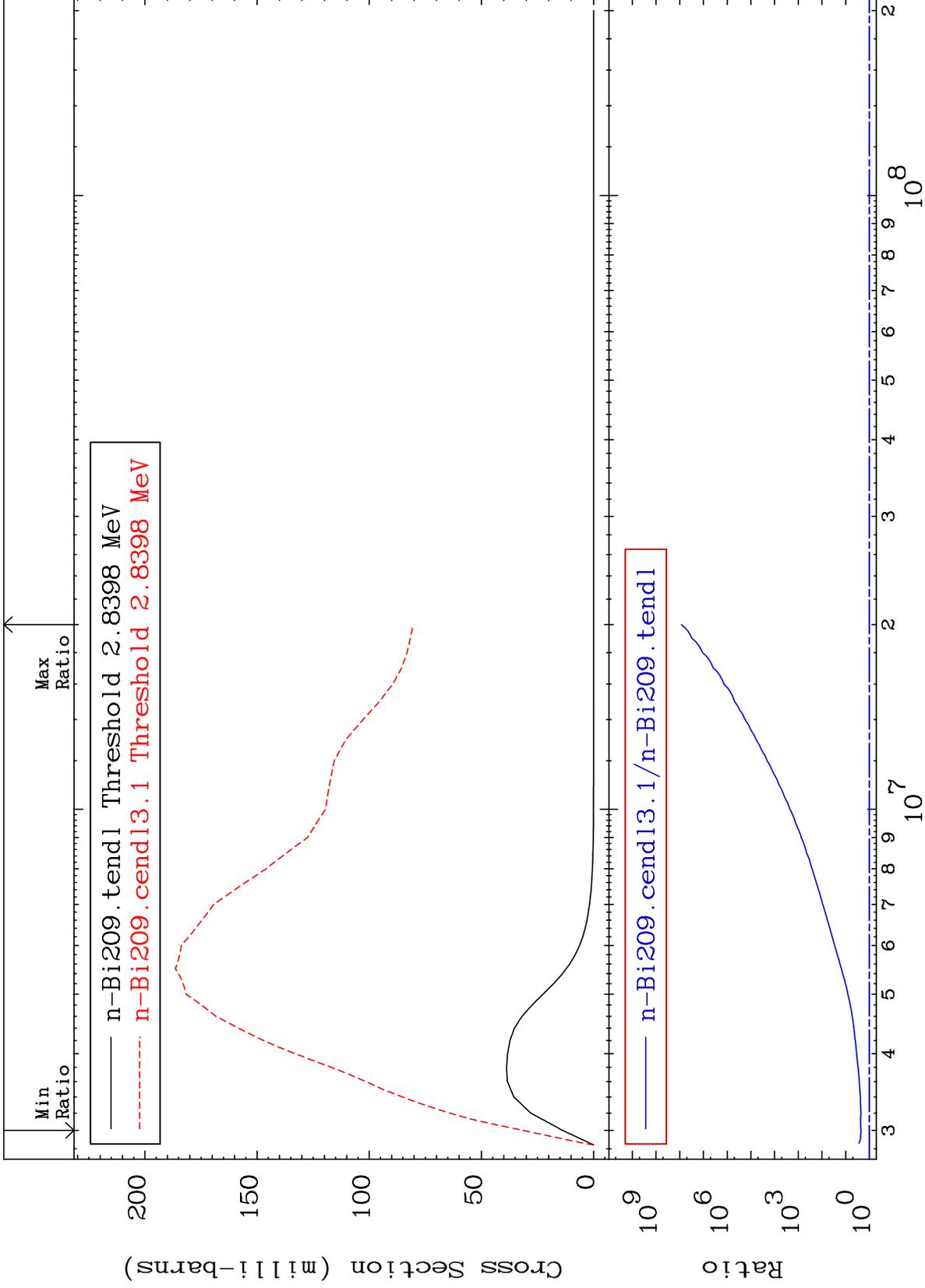
Incident Energy (eV)

83-Bi-209

MAT 8325

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

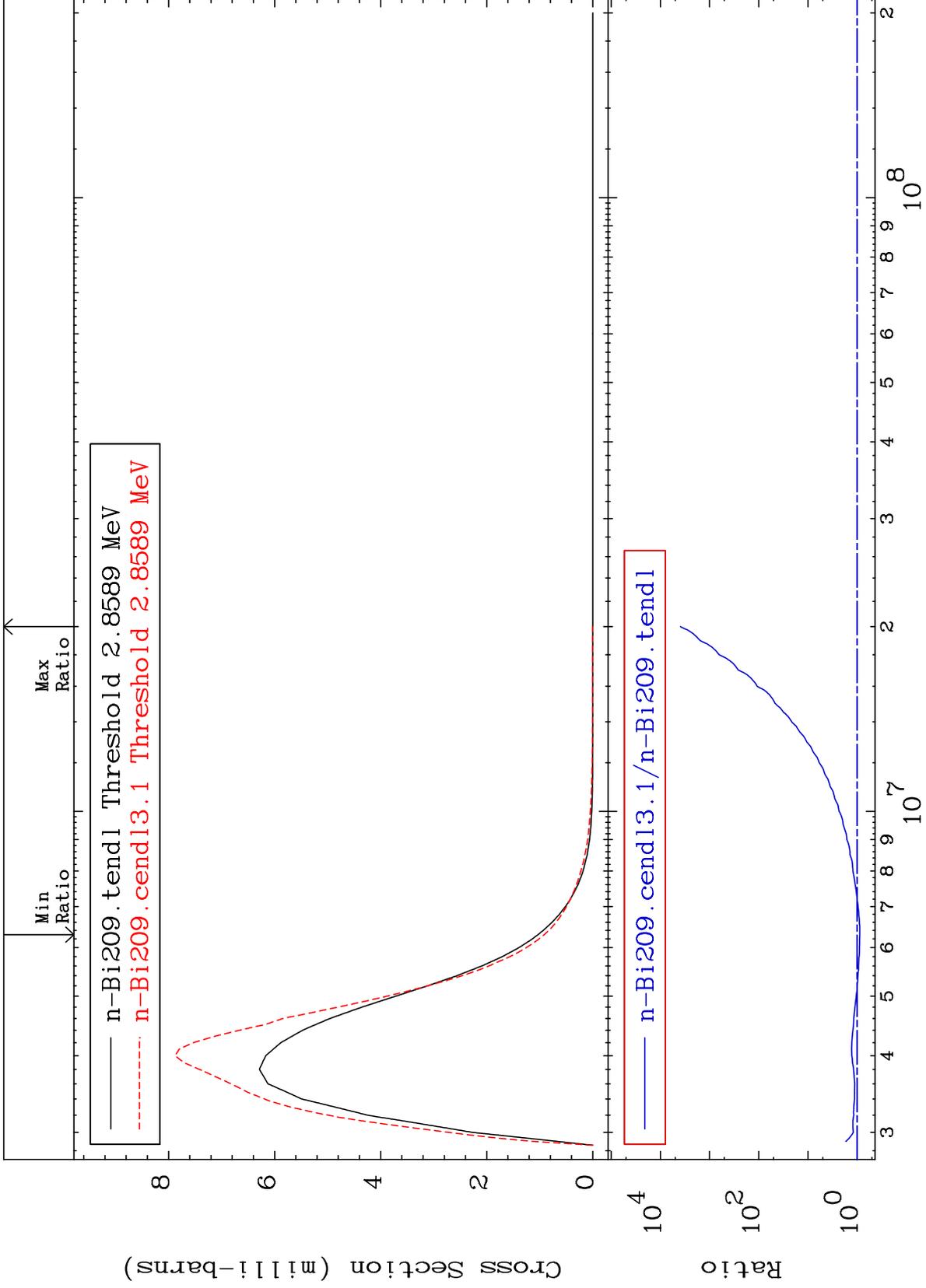
83-Bi-209
126.1 To 9999. %



MAT 8325

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

83-Bi-209
-11.61 To 9999. %



20

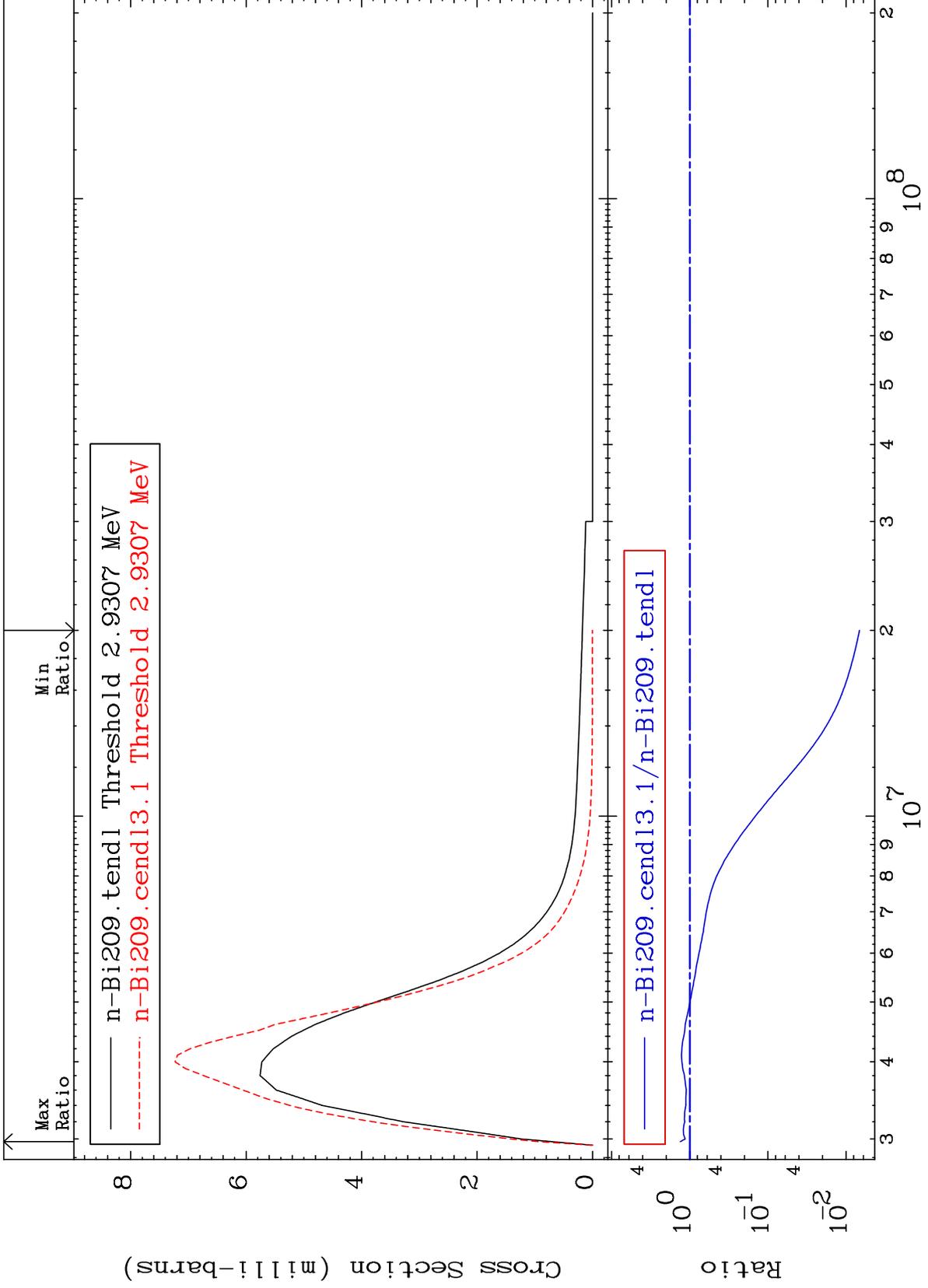
Incident Energy (eV)

83-Bi-209

MAT 8325

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

83-Bi-209
-99.33 To 32.19 %



21

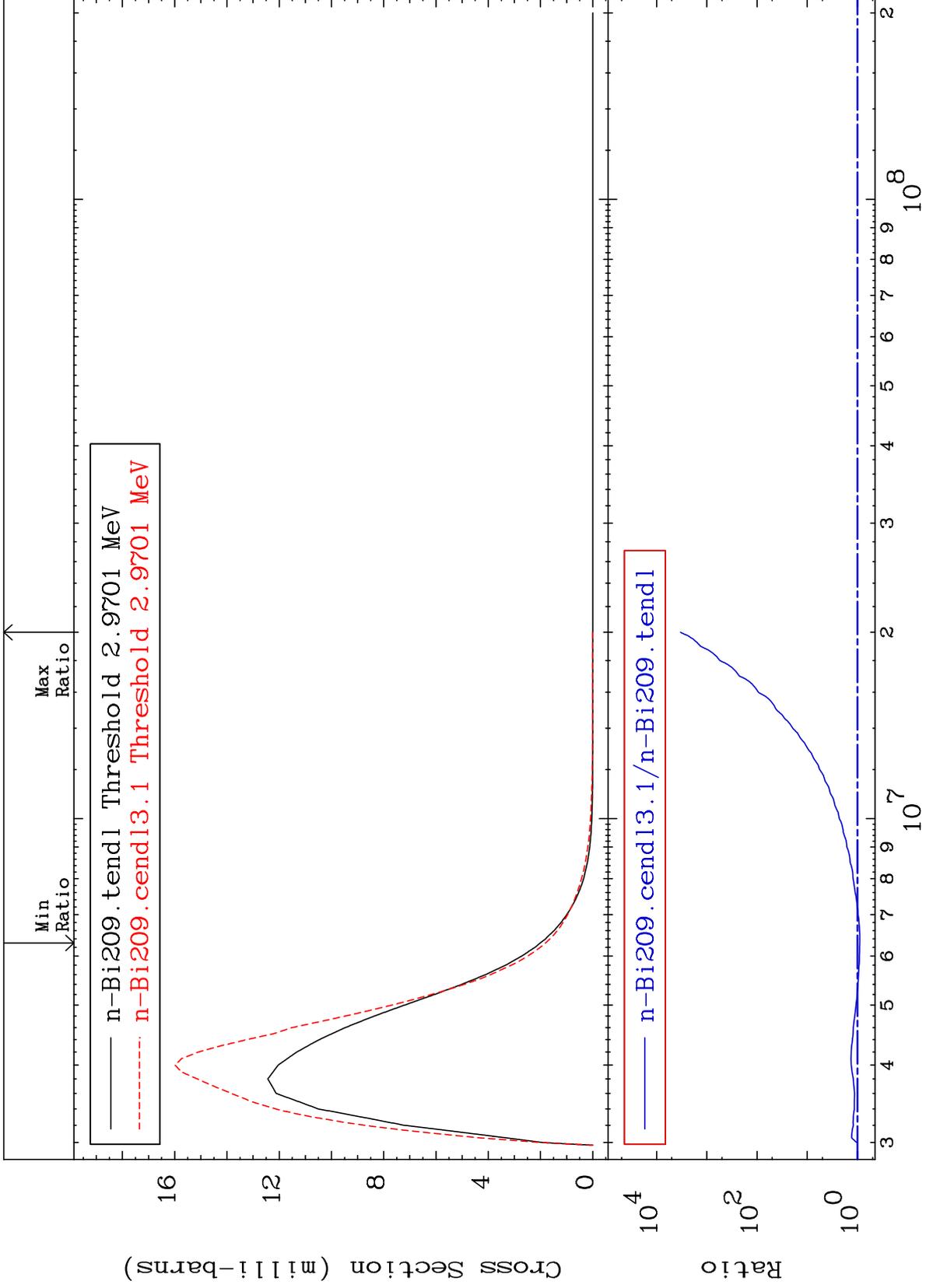
Incident Energy (eV)

83-Bi-209

MAT 8325

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

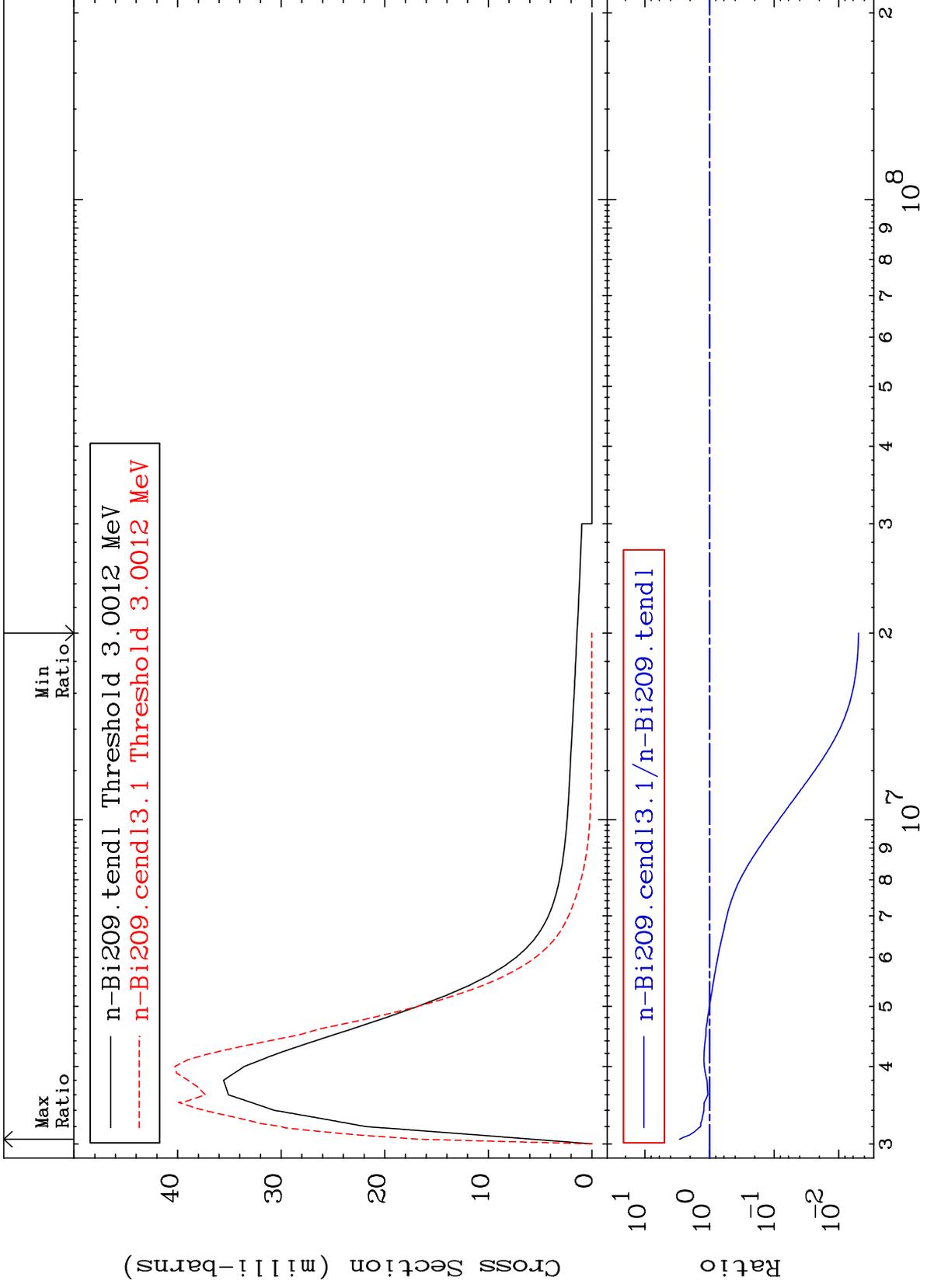
83-Bi-209
-9.930 To 9999. %

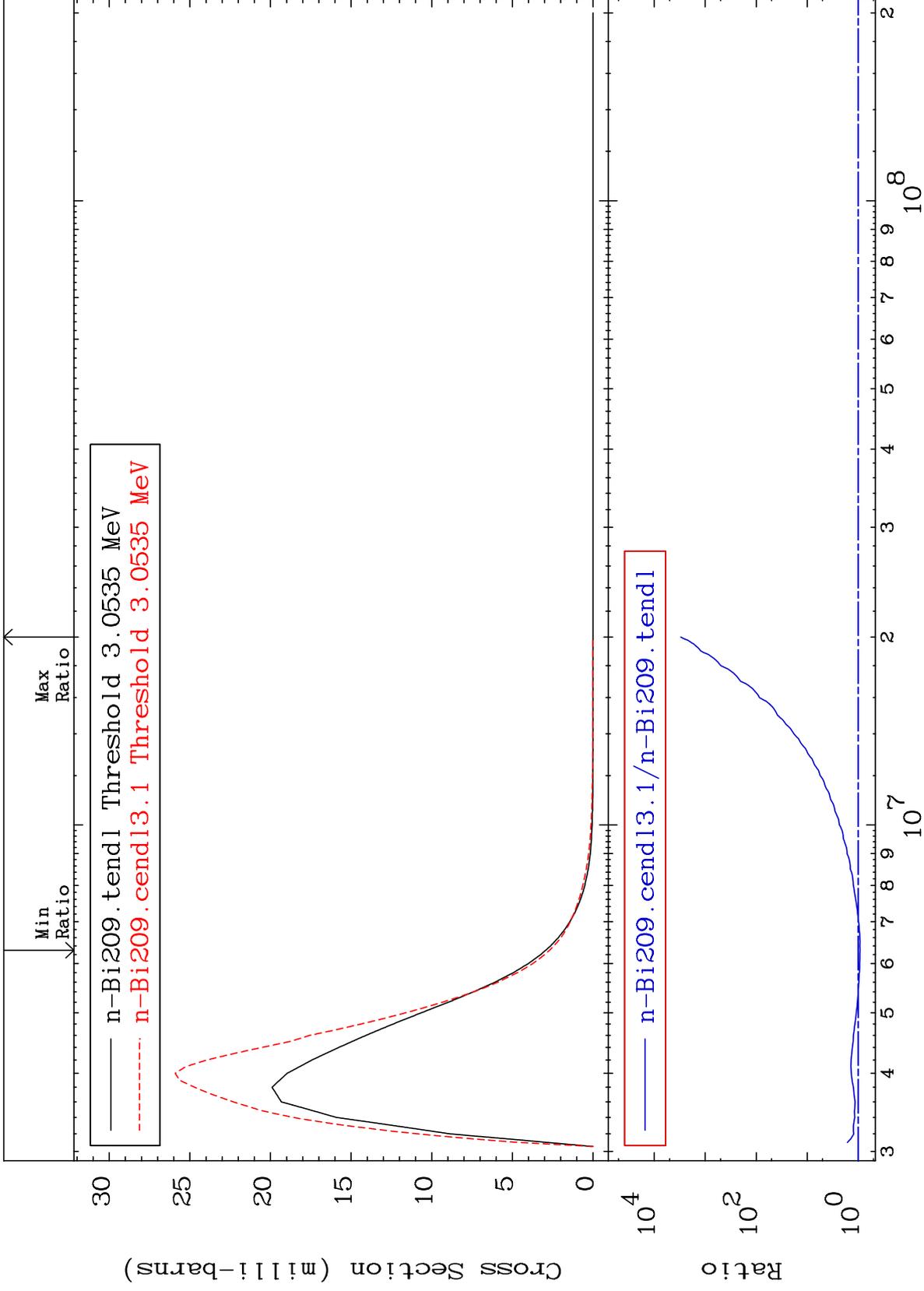


MAT 8325

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

83-Bi-209
-99.51 To 191.2 %

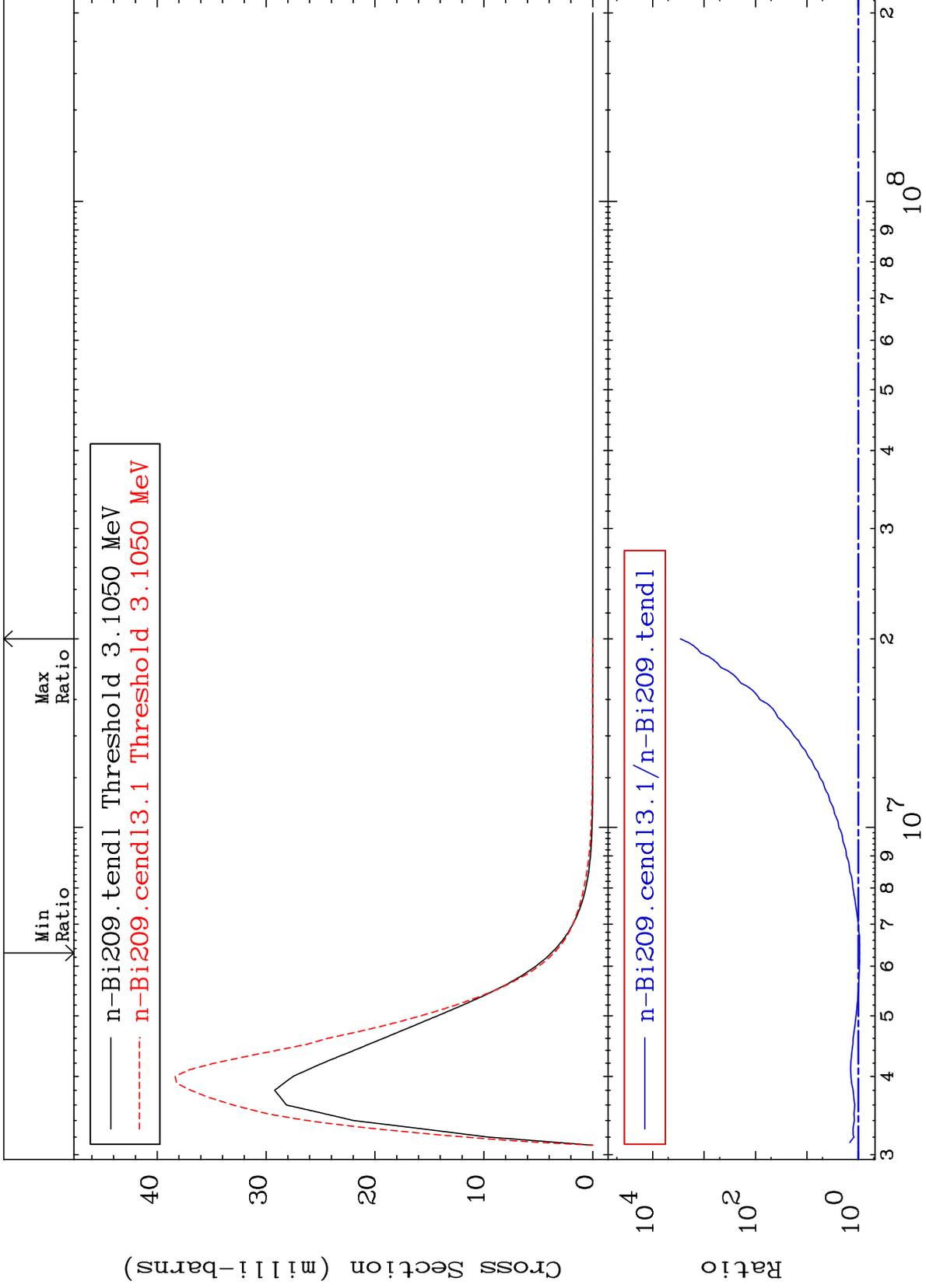


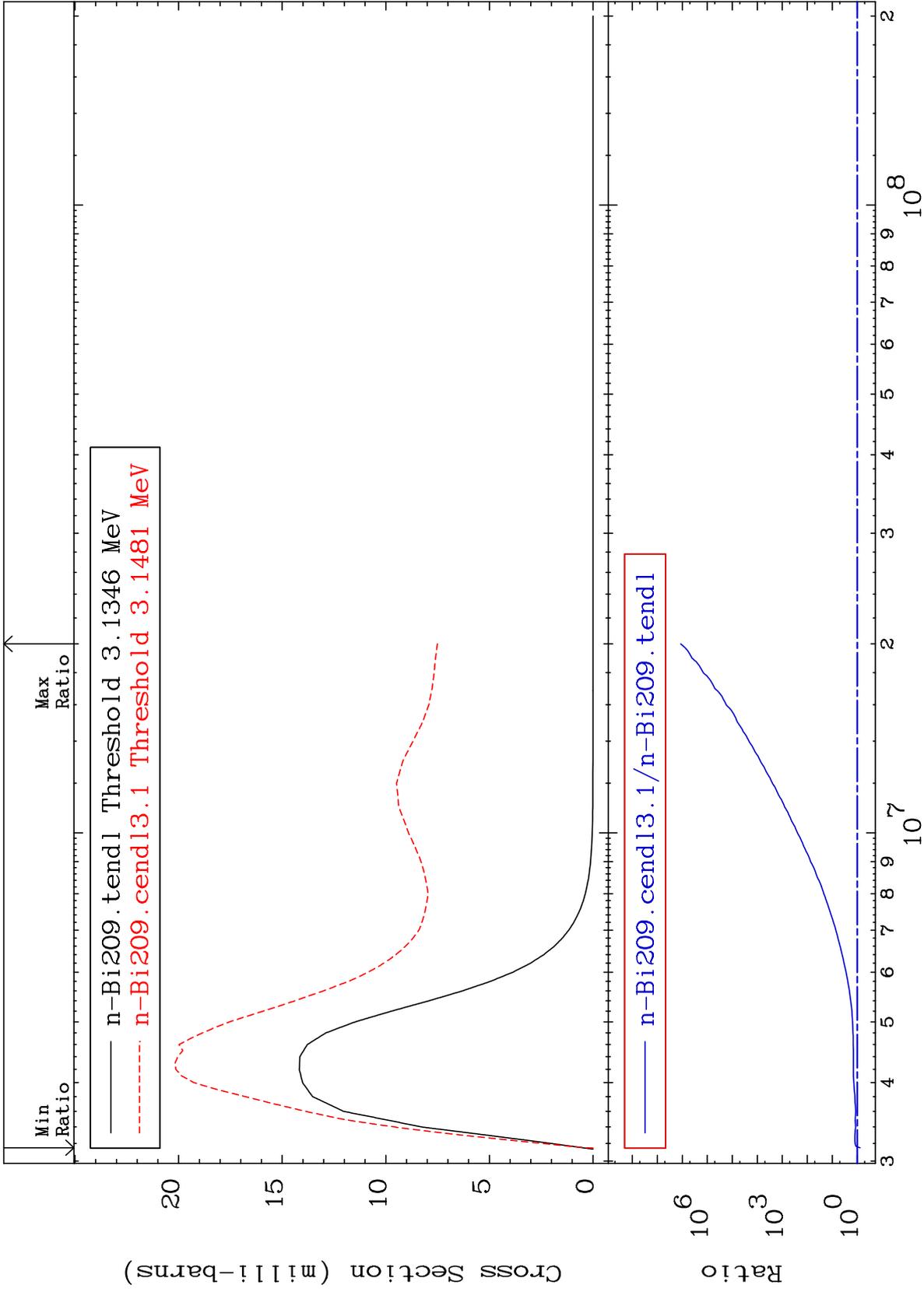


MAT 8325

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

83-Bi-209
-6.226 To 9999. %

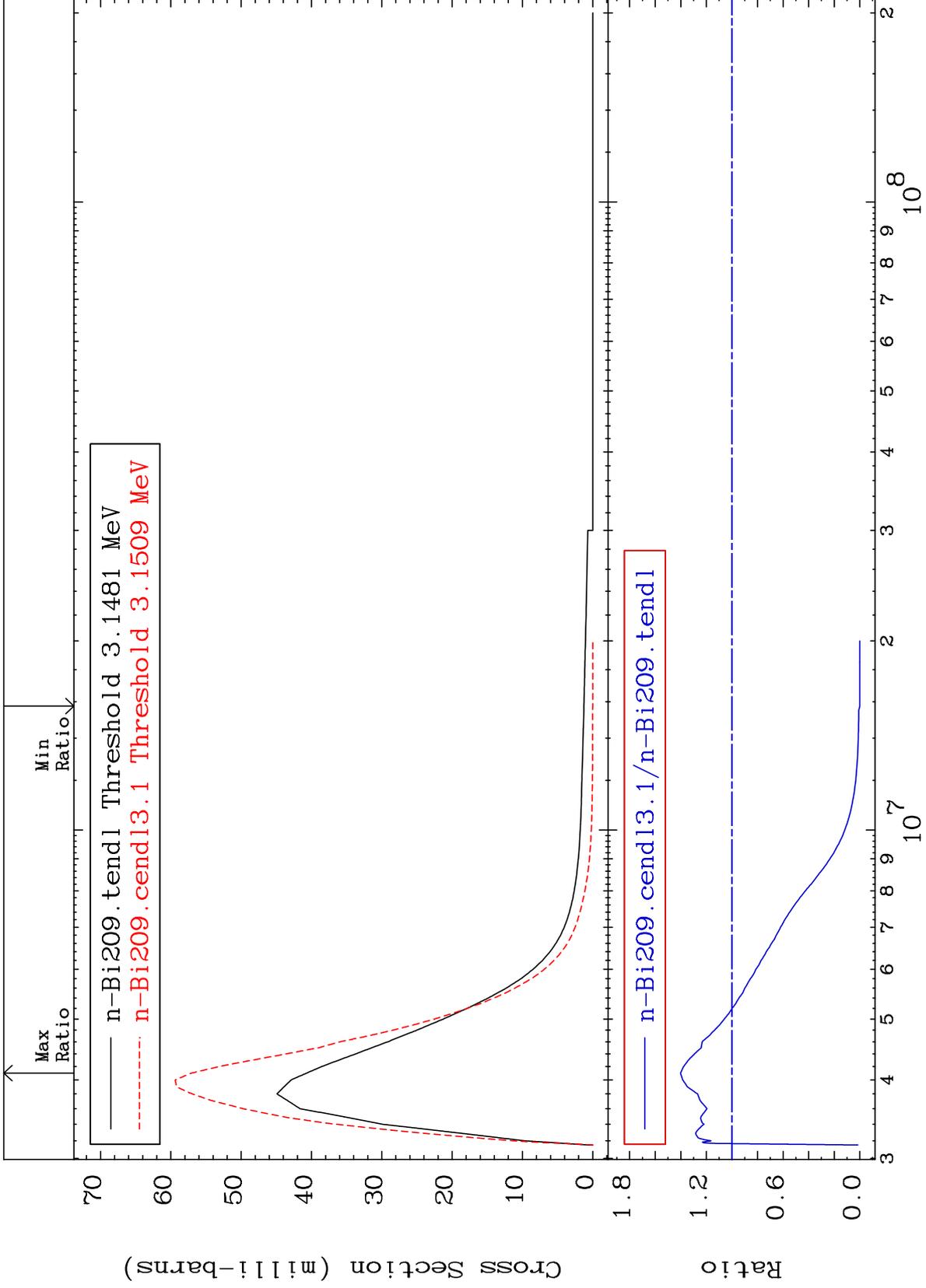




MAT 8325

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

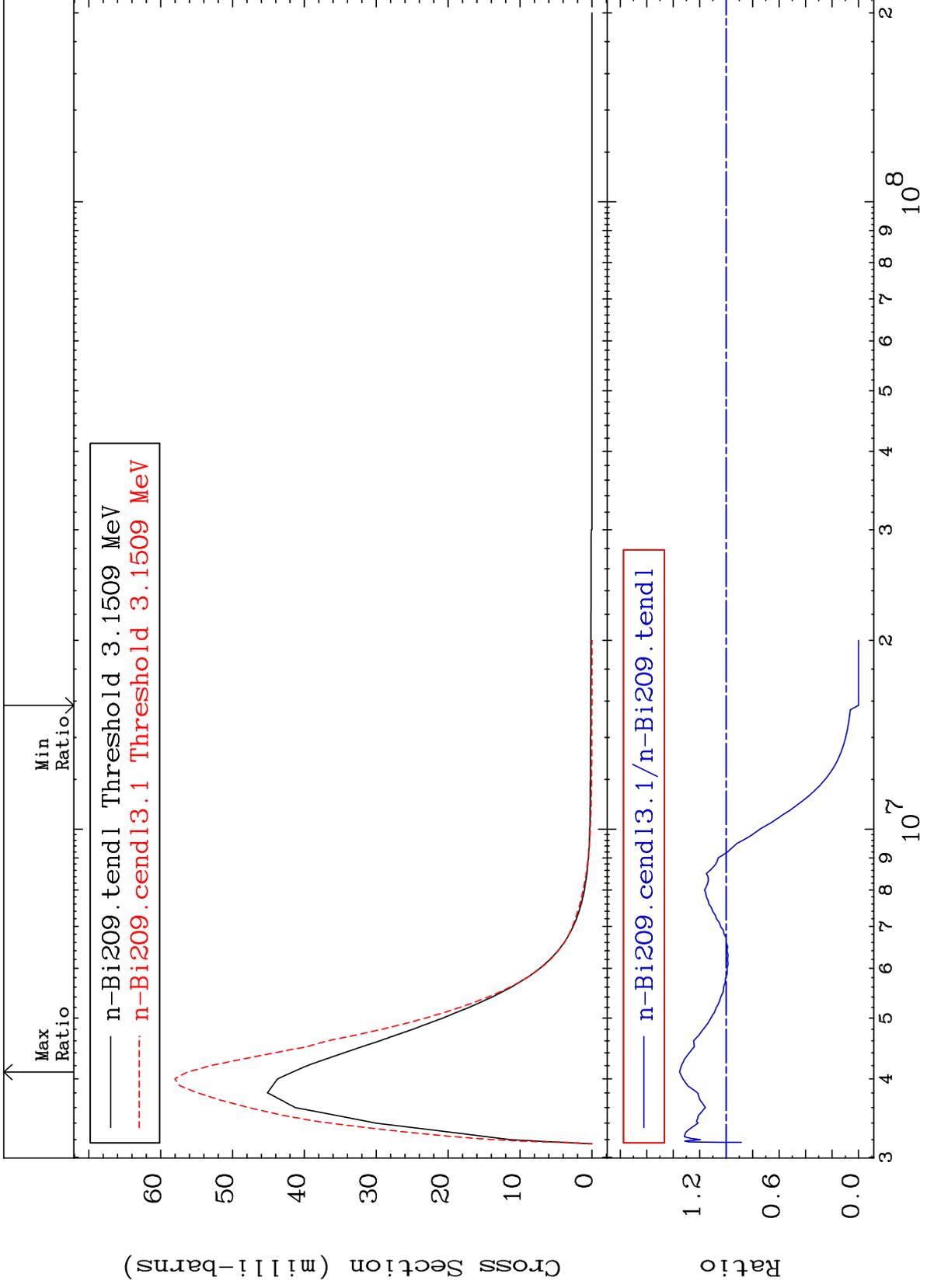
83-Bi-209
-100.0 To 40.21 %



MAT 8325

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

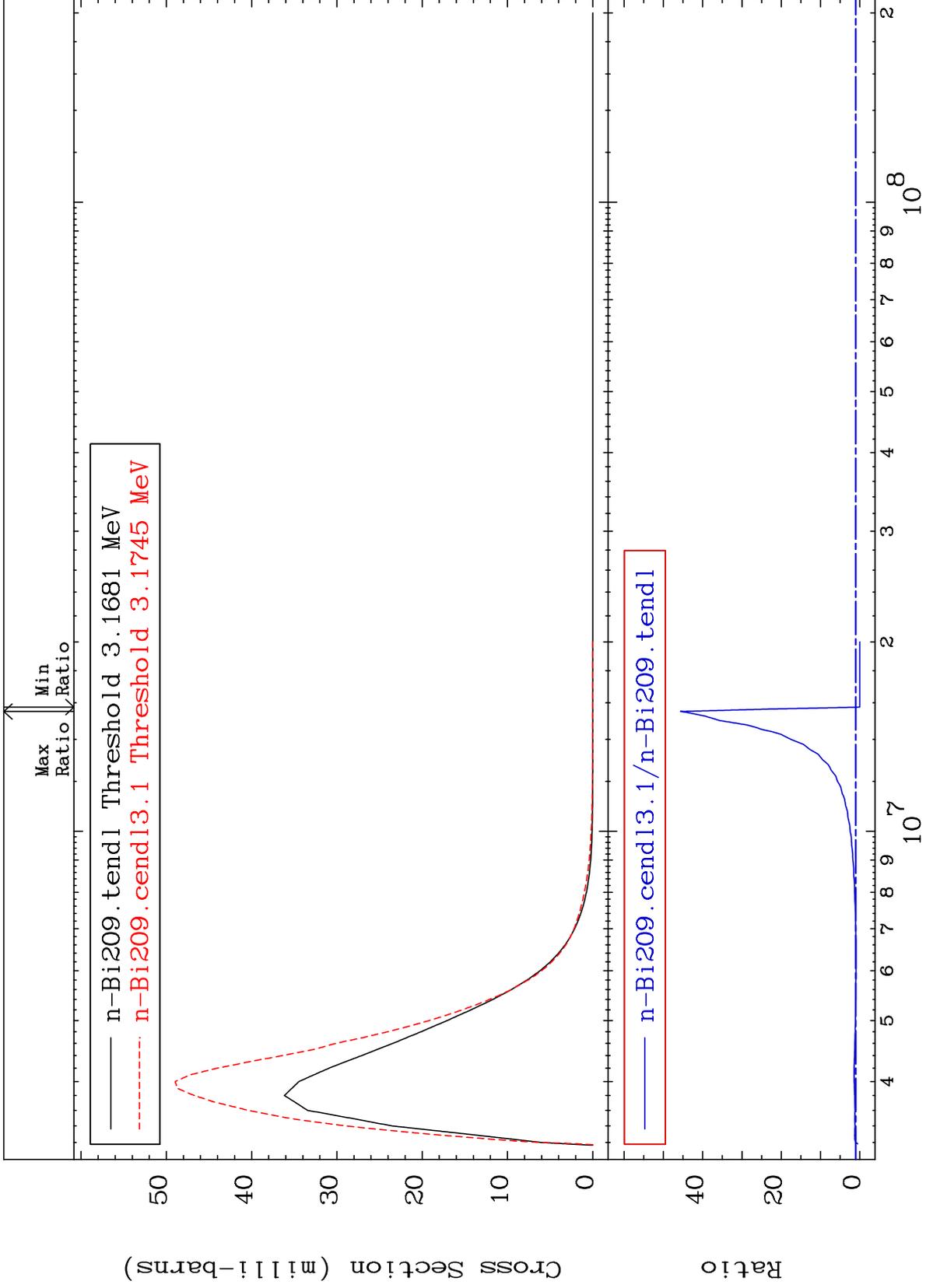
83-Bi-209
-100.0 To 35.21 %



MAT 8325

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

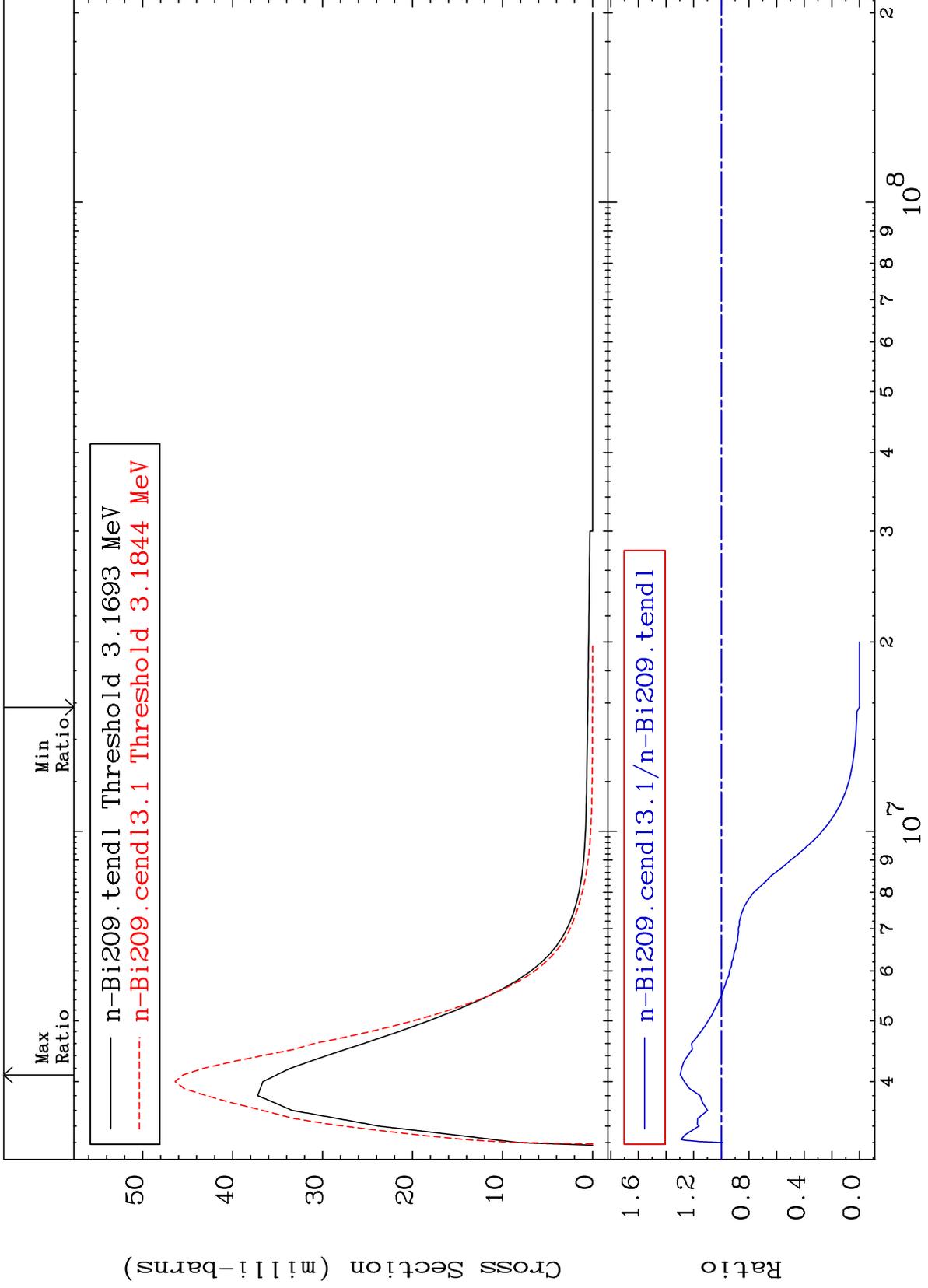
83-Bi-209
-100.0 To 4464. %



MAT 8325

MT= 73 (n,n') Level
Cross Section

83-Bi-209
-100.0 To 29.63 %



30

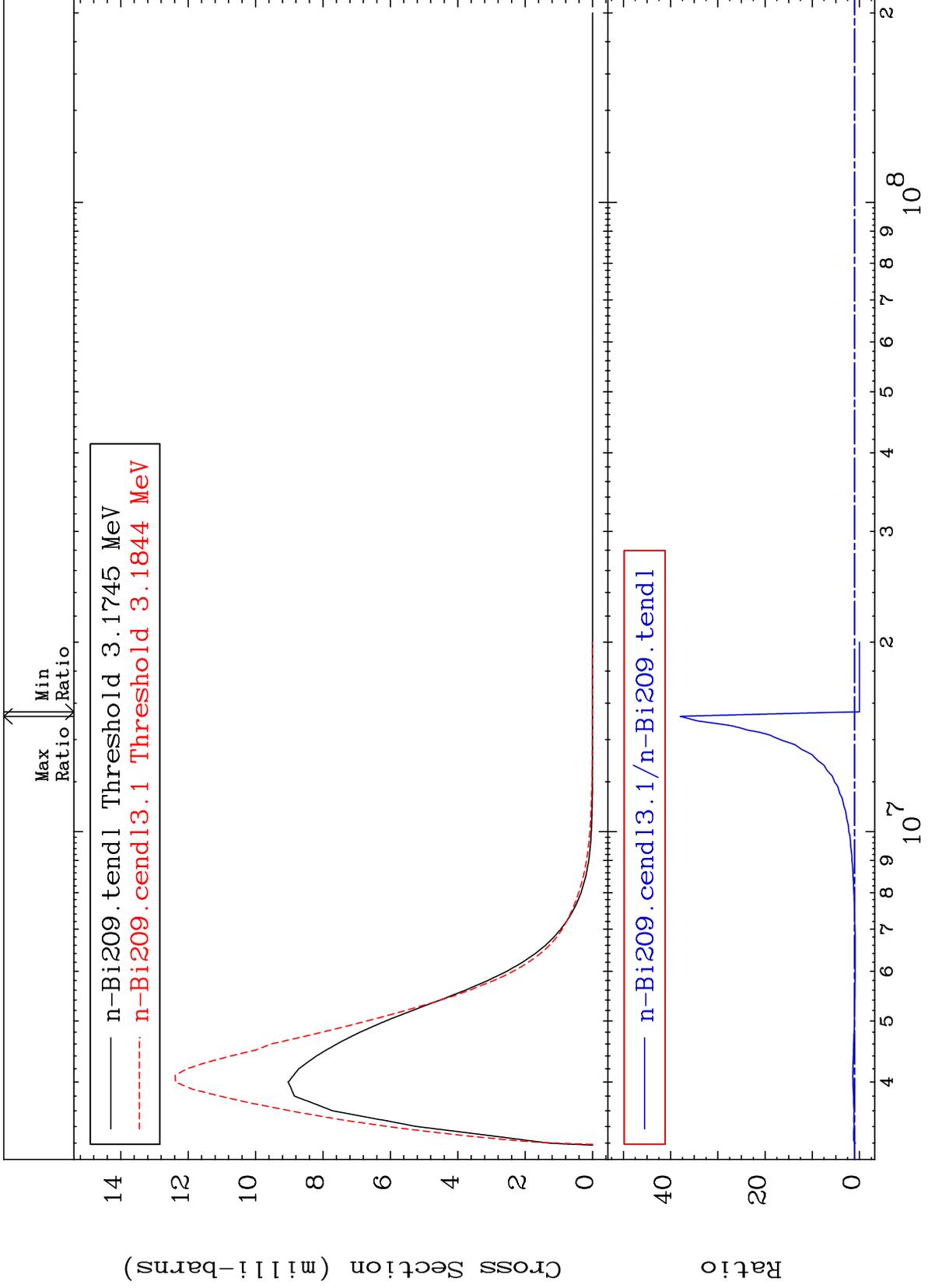
Incident Energy (eV)

83-Bi-209

MAT 8325

MT= 74 (n,n') Level
Cross Section

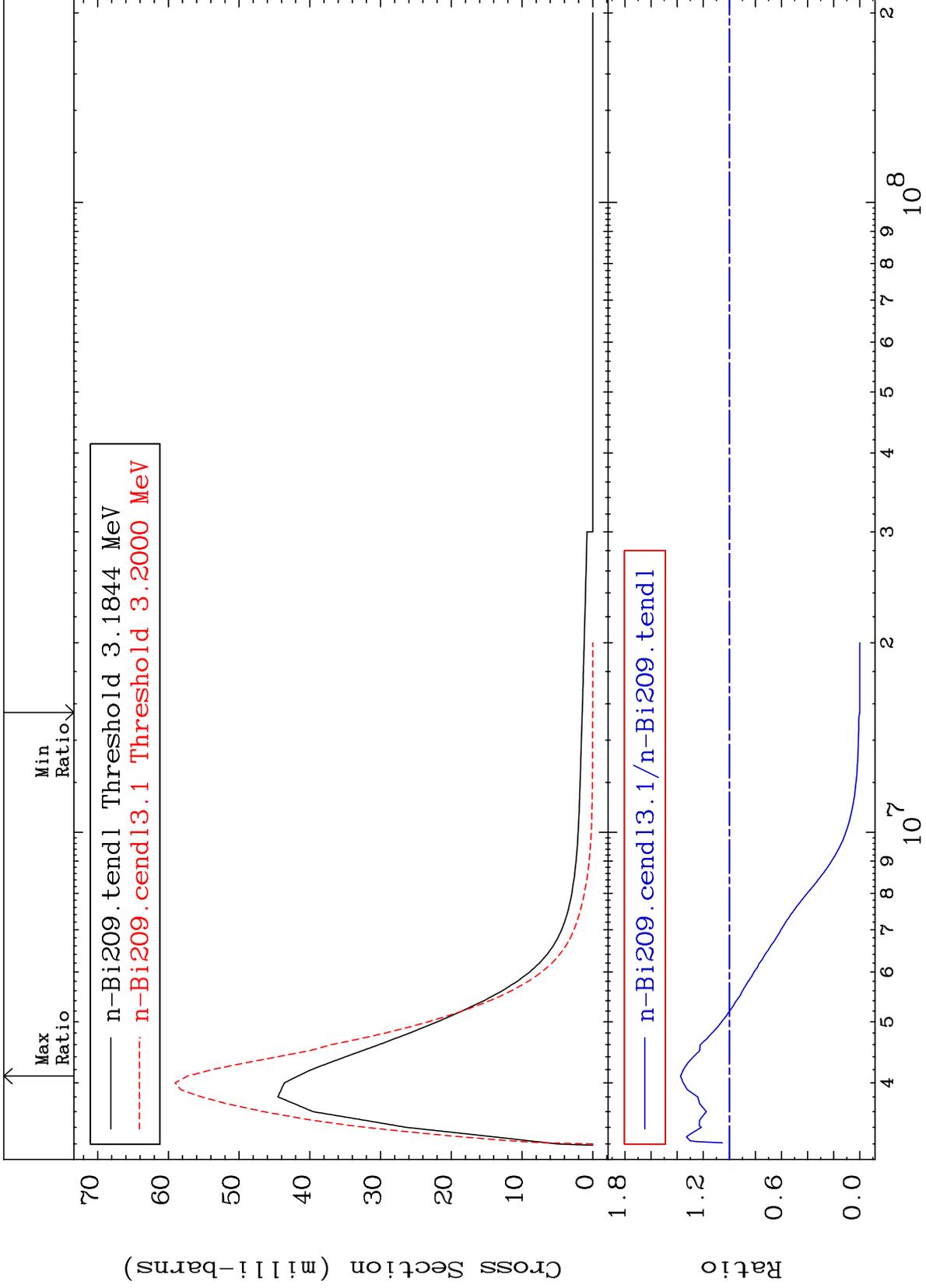
83-Bi-209
-100.0 To 3696. %



MAT 8325

MT= 75 (n,n') Level
Cross Section

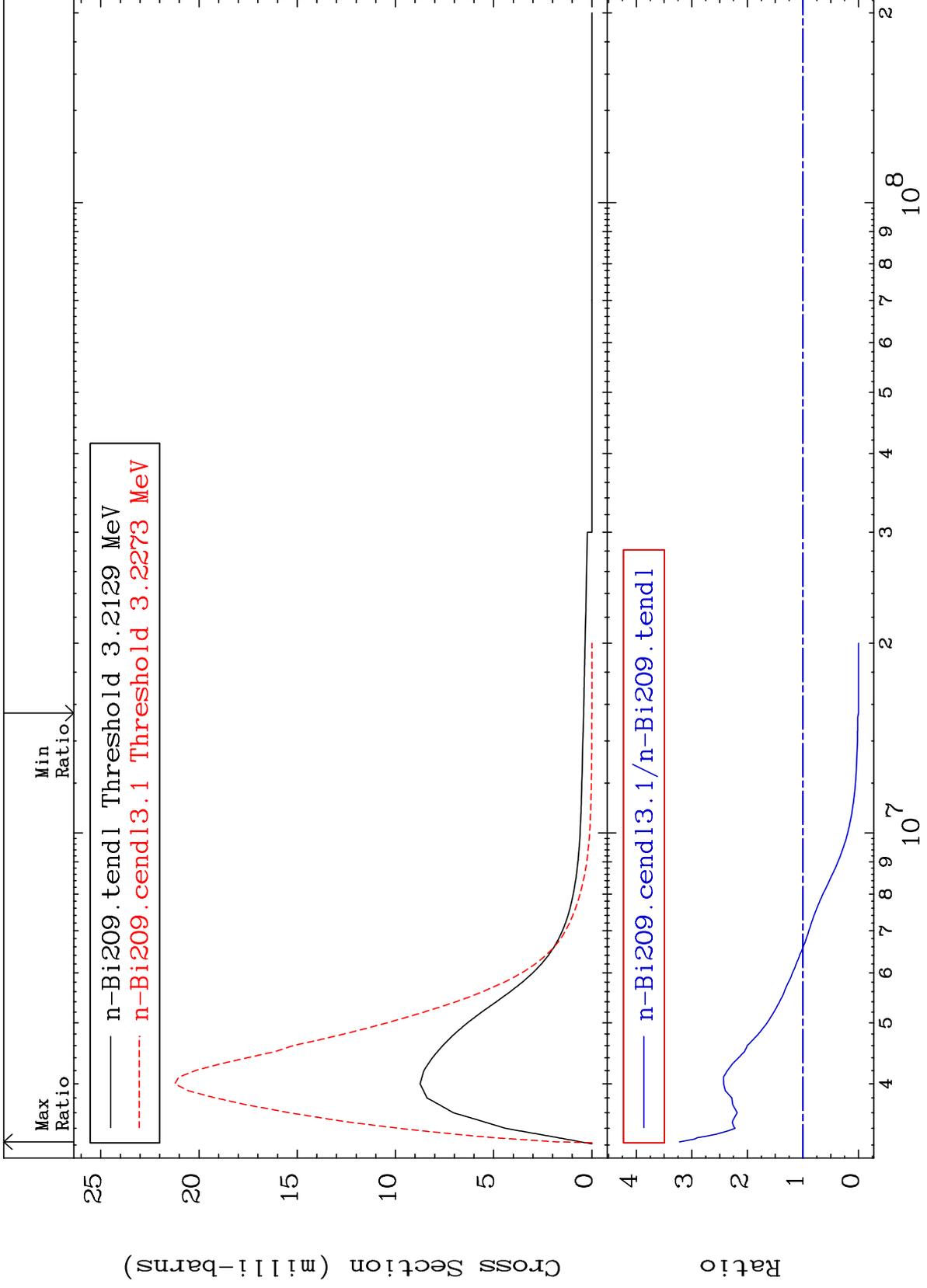
83-Bi-209
-100.0 To 37.45 %

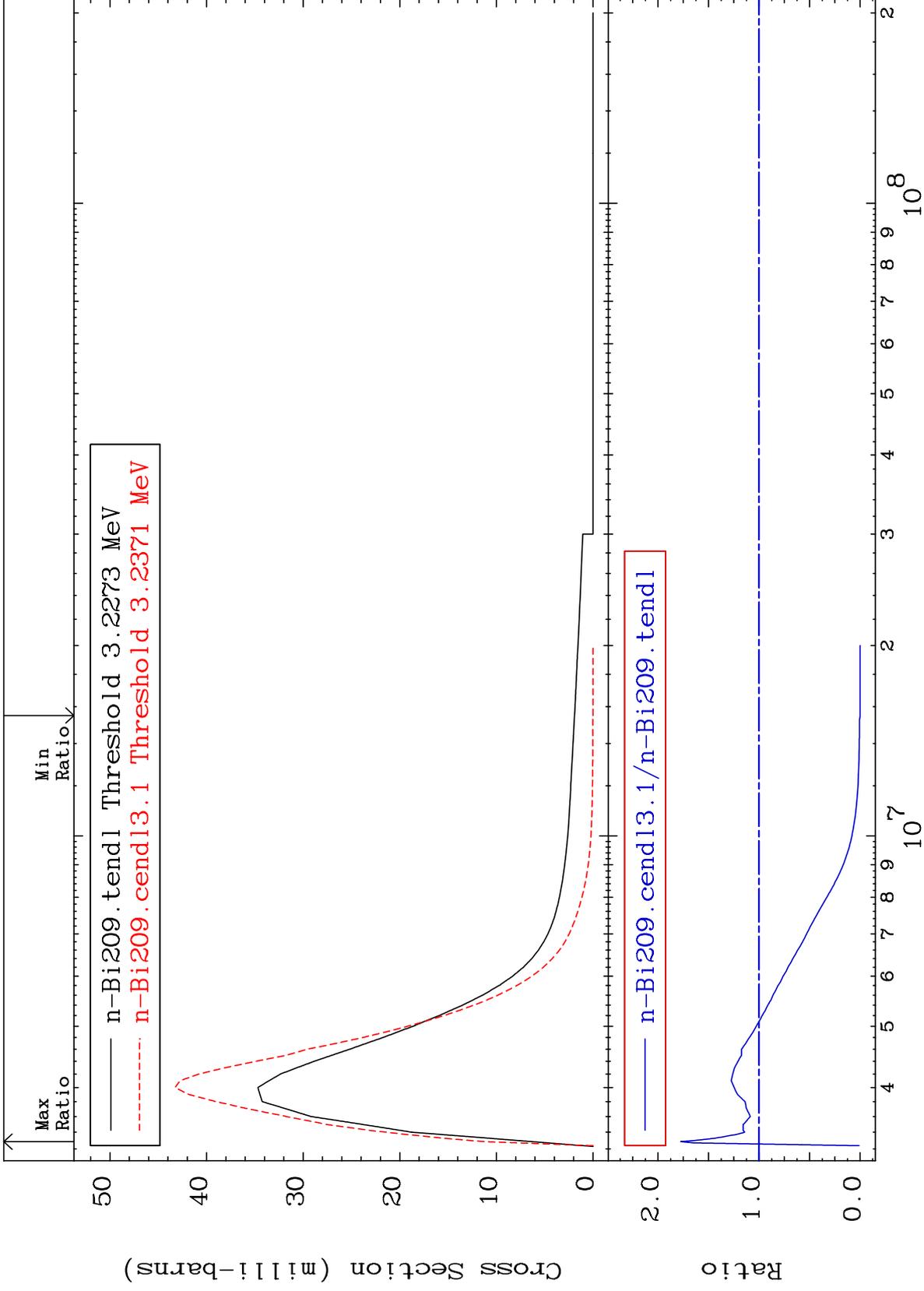


MAT 8325

MT= 76 (n,n') Level
Cross Section

83-Bi-209
-100.0 To 222.2 %

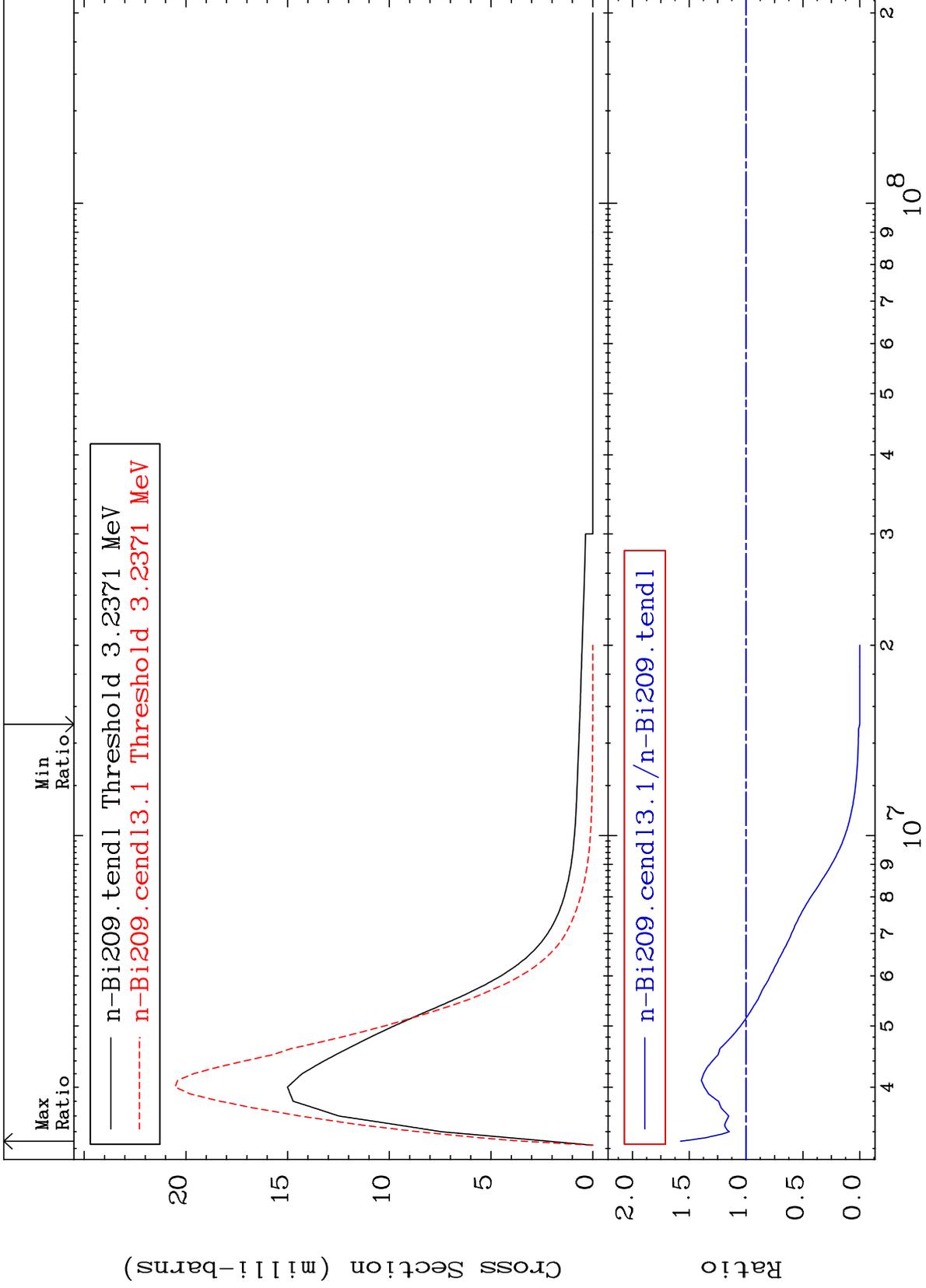




MAT 8325

MT= 78 (n,n') Level
Cross Section

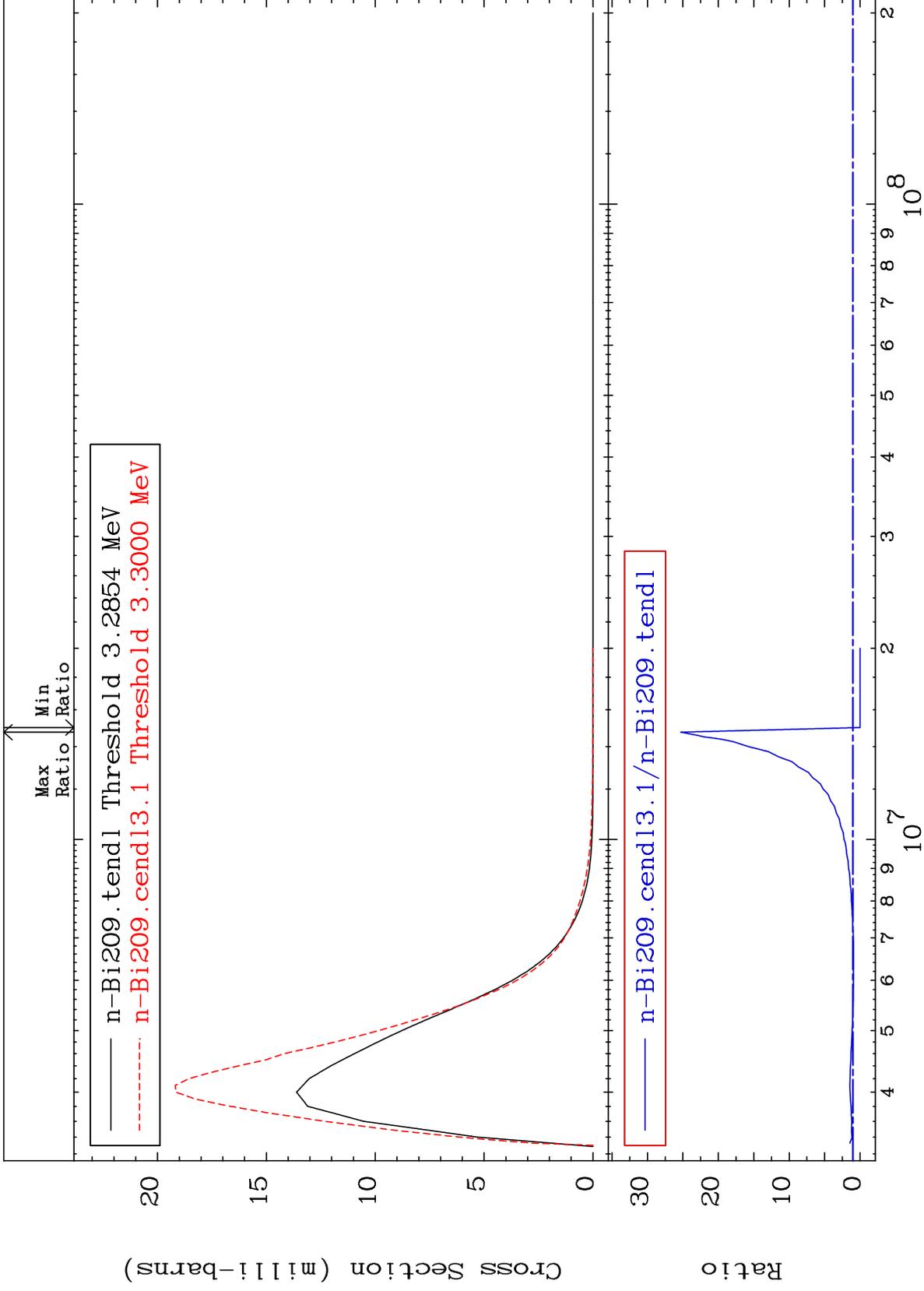
83-Bi-209
-100.0 To 57.67 %



MAT 8325

MT= 79 (n,n') Level
Cross Section

83-Bi-209
-100.0 To 2430. %



36

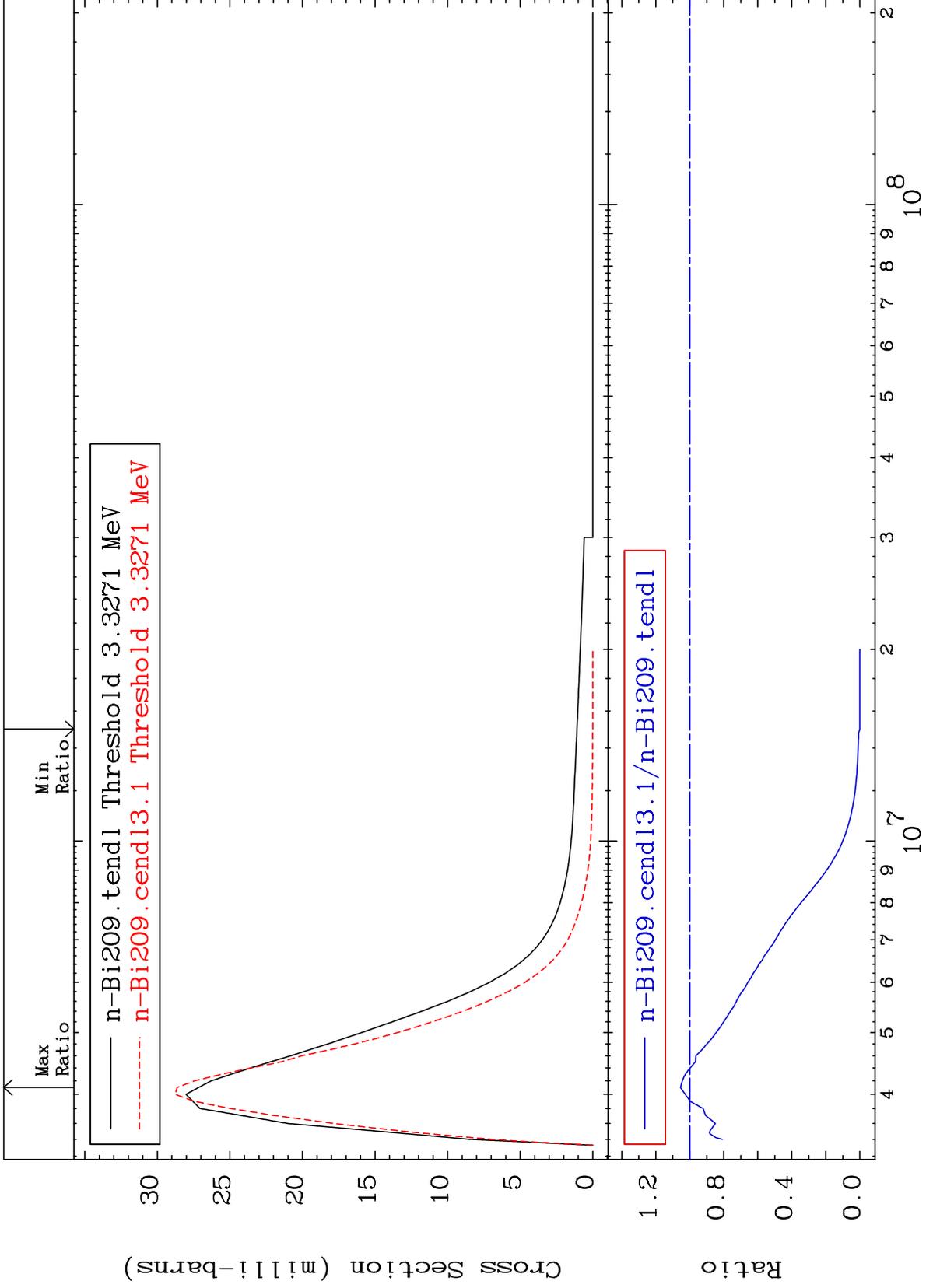
Incident Energy (eV)

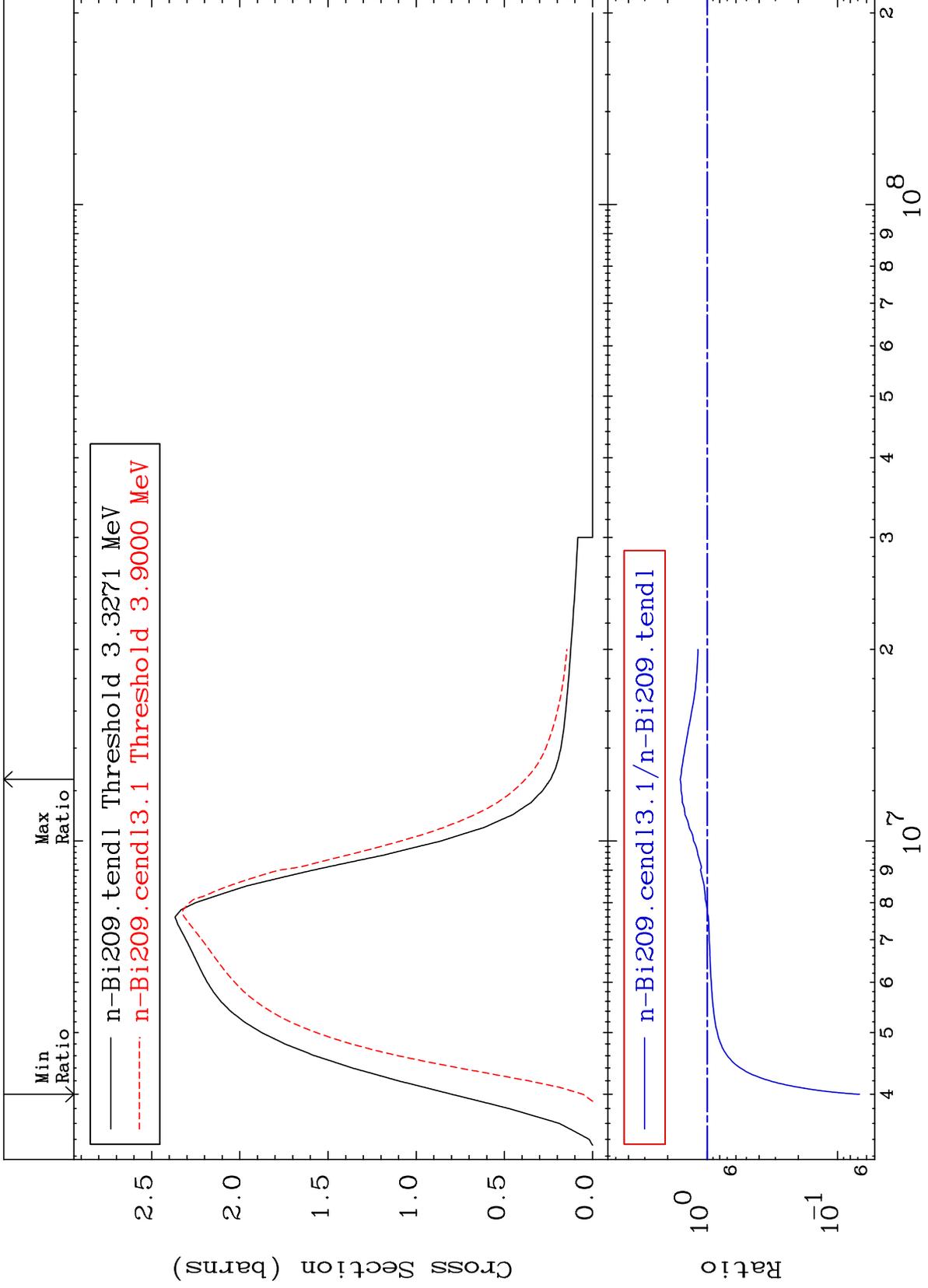
83-Bi-209

MAT 8325

MT= 80 (n,n') Level
Cross Section

83-Bi-209
-100.0 To 5.438 %





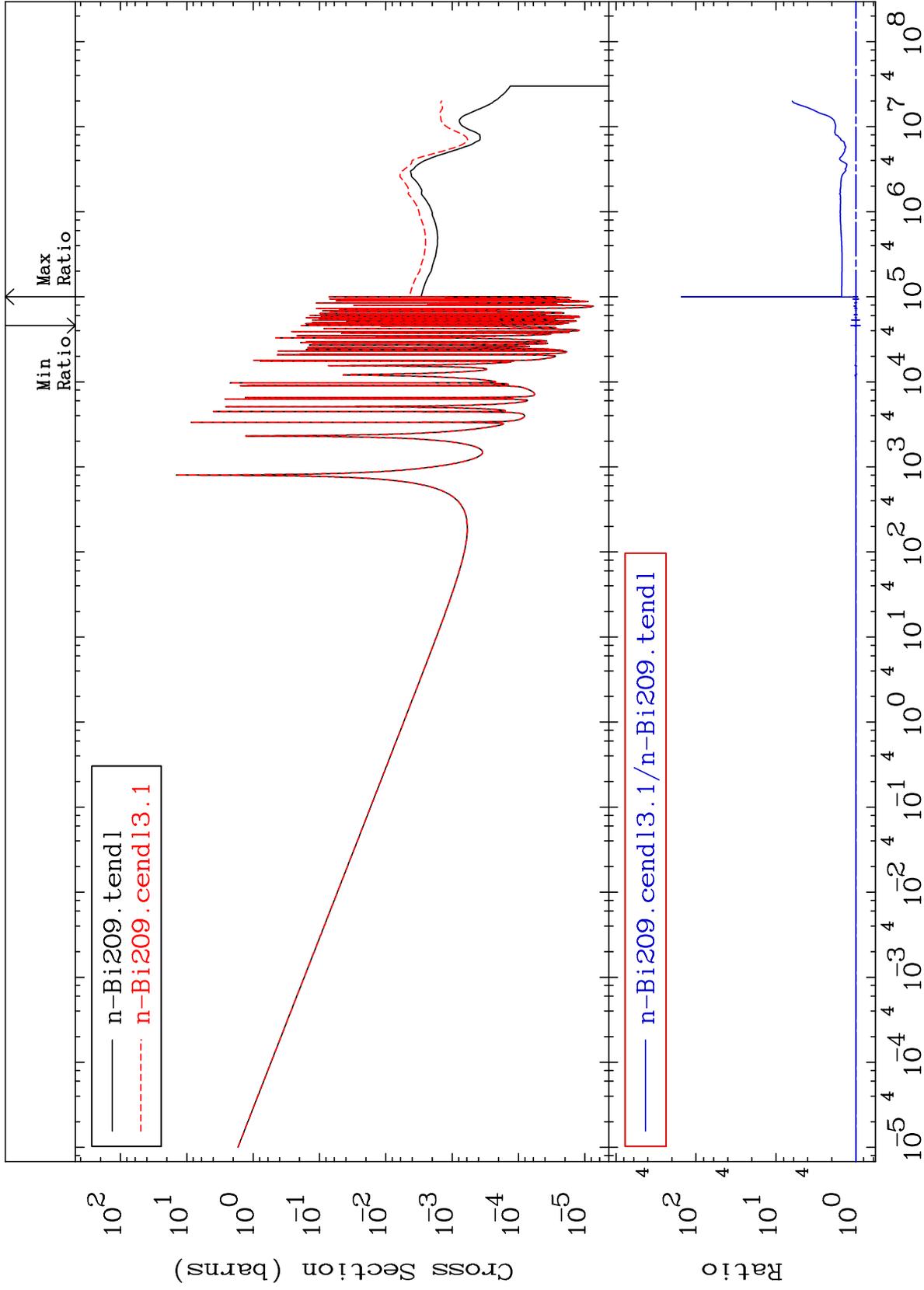
MAT 8325

(n, γ)

83-Bi-209

Cross Section

-11.74 To 9999. %



39

Incident Energy (eV)

83-Bi-209

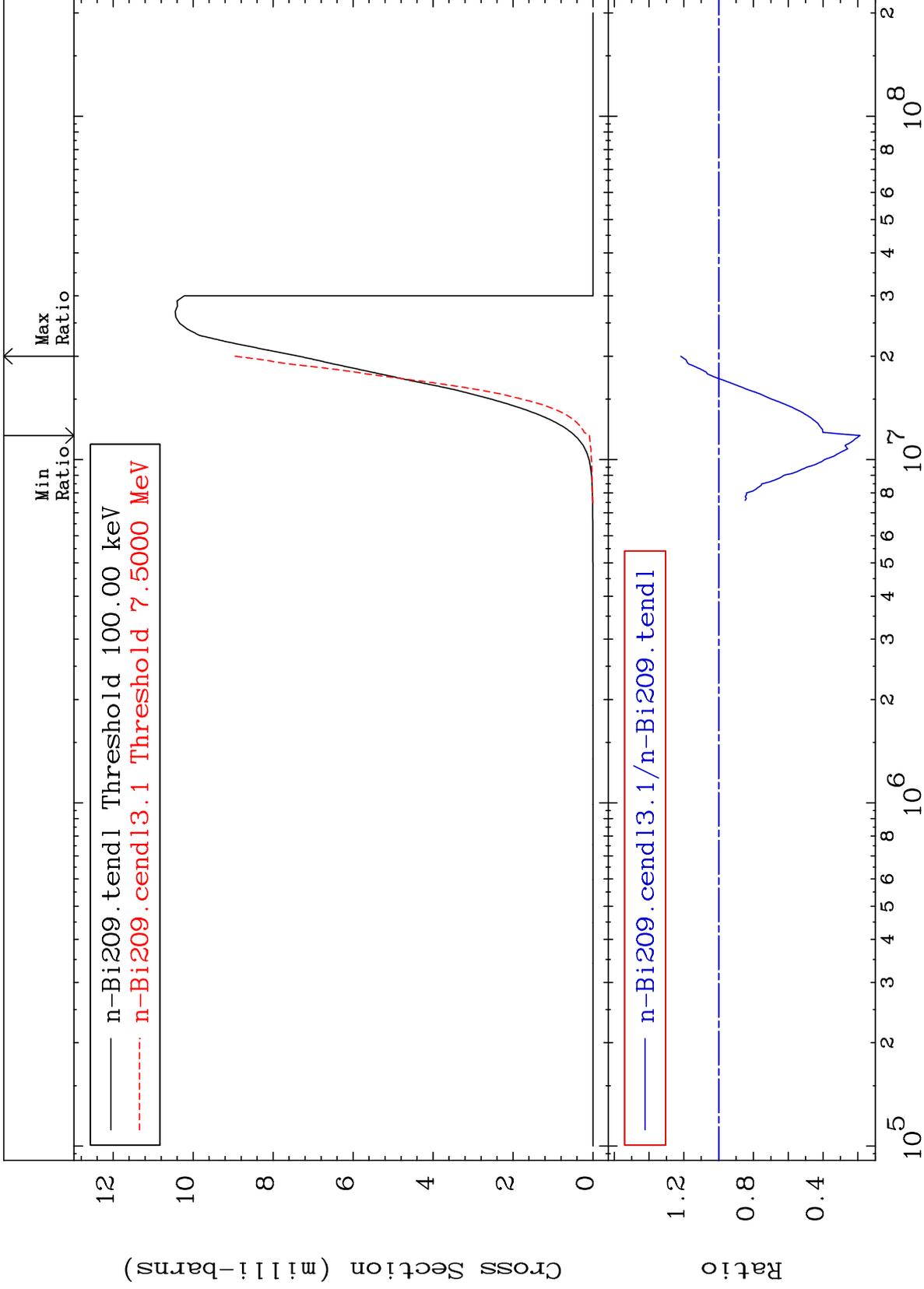
MAT 8325

(n,p)

83-Bi-209

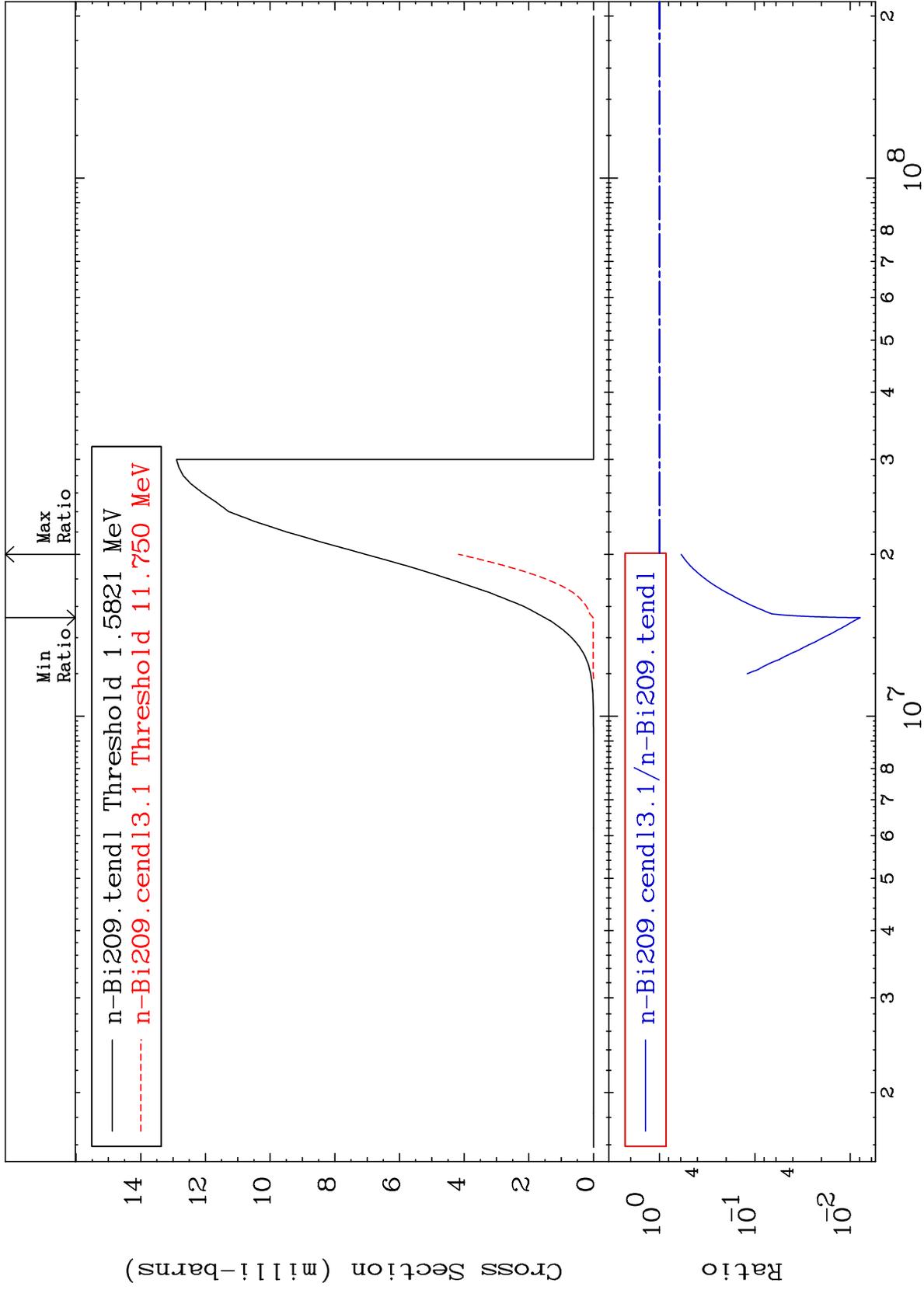
Cross Section

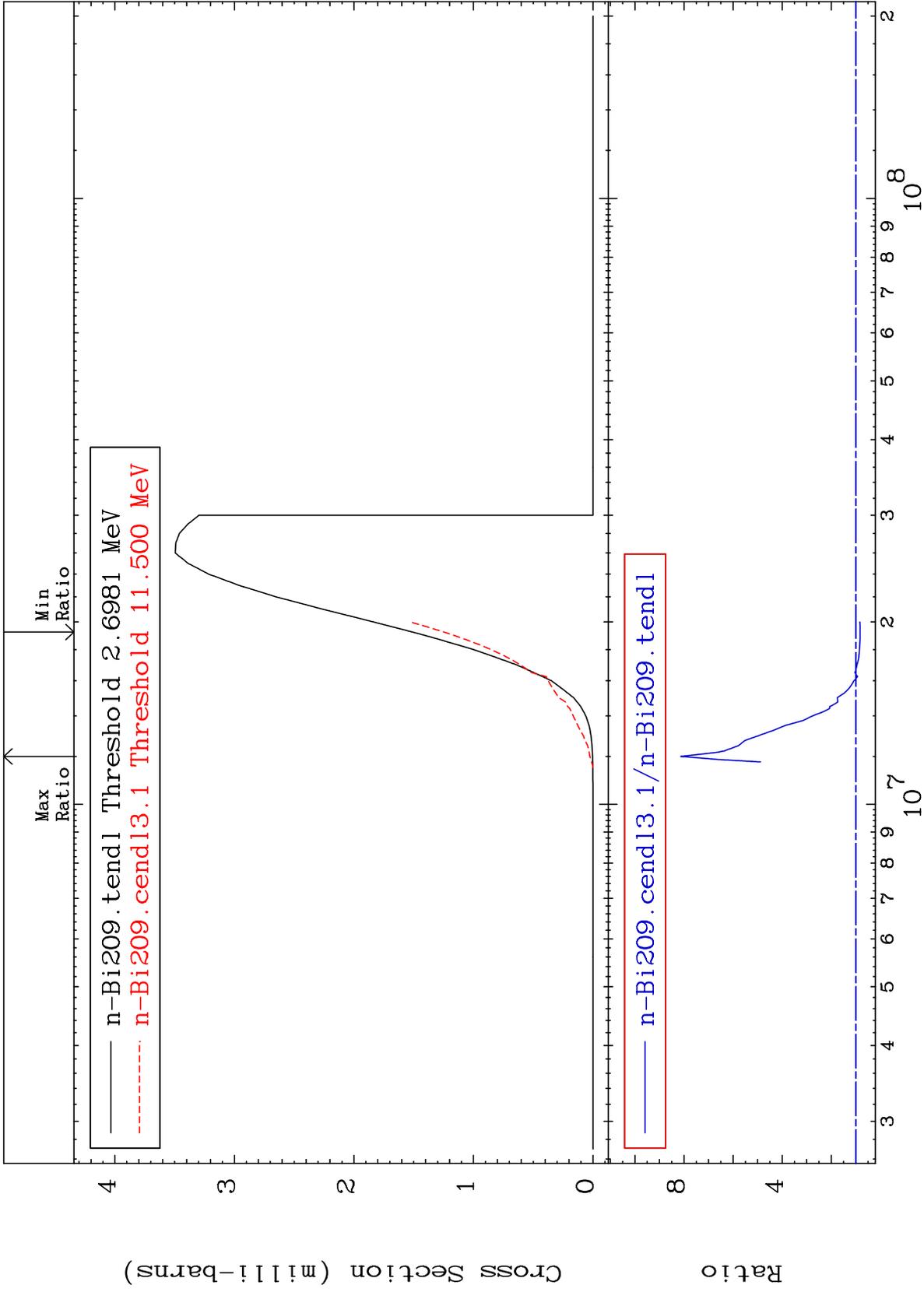
-81.29 To 21.77 %



83-Bi-209

Incident Energy (eV)

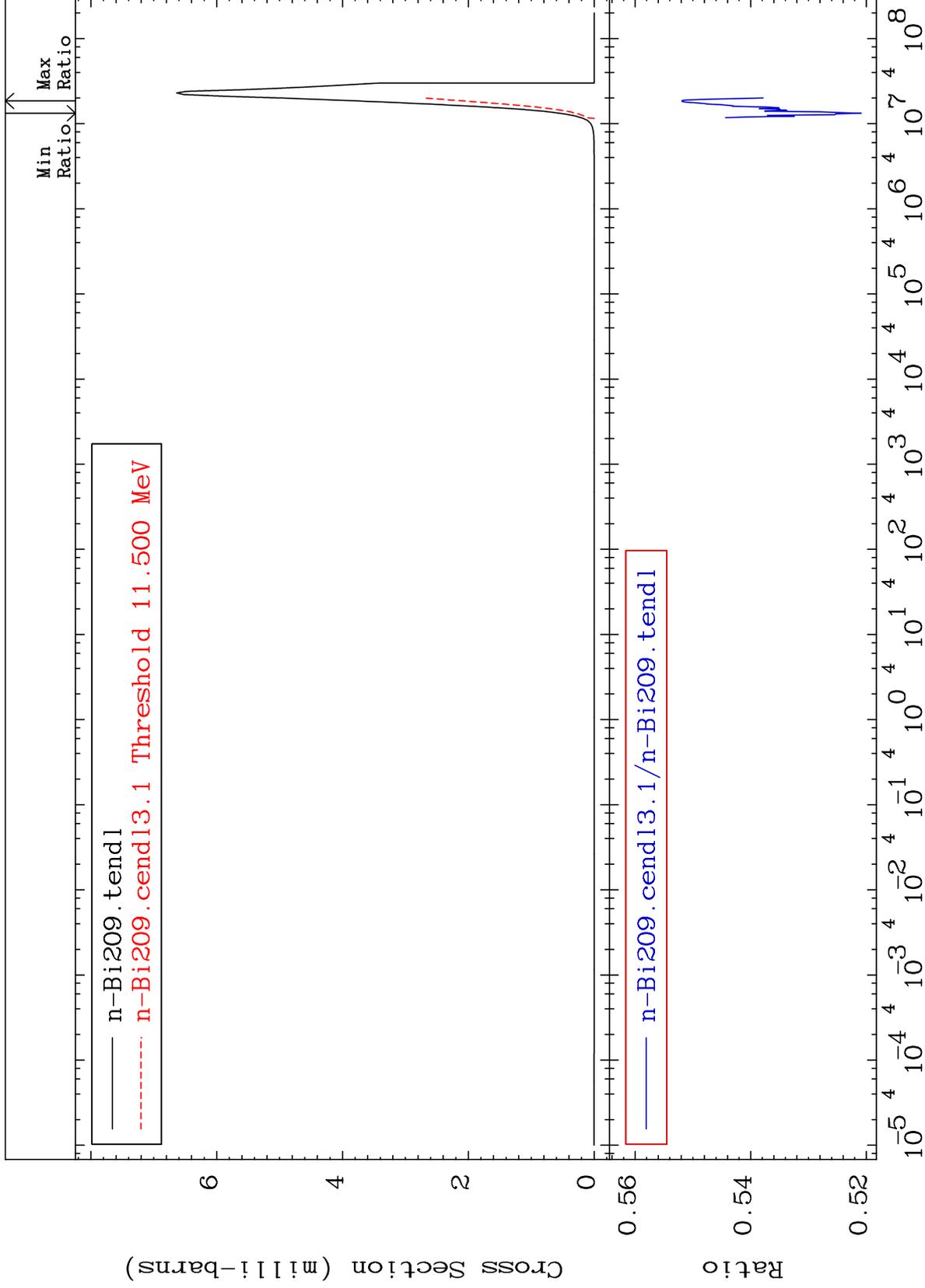




MAT 8325

(n, α)
Cross Section

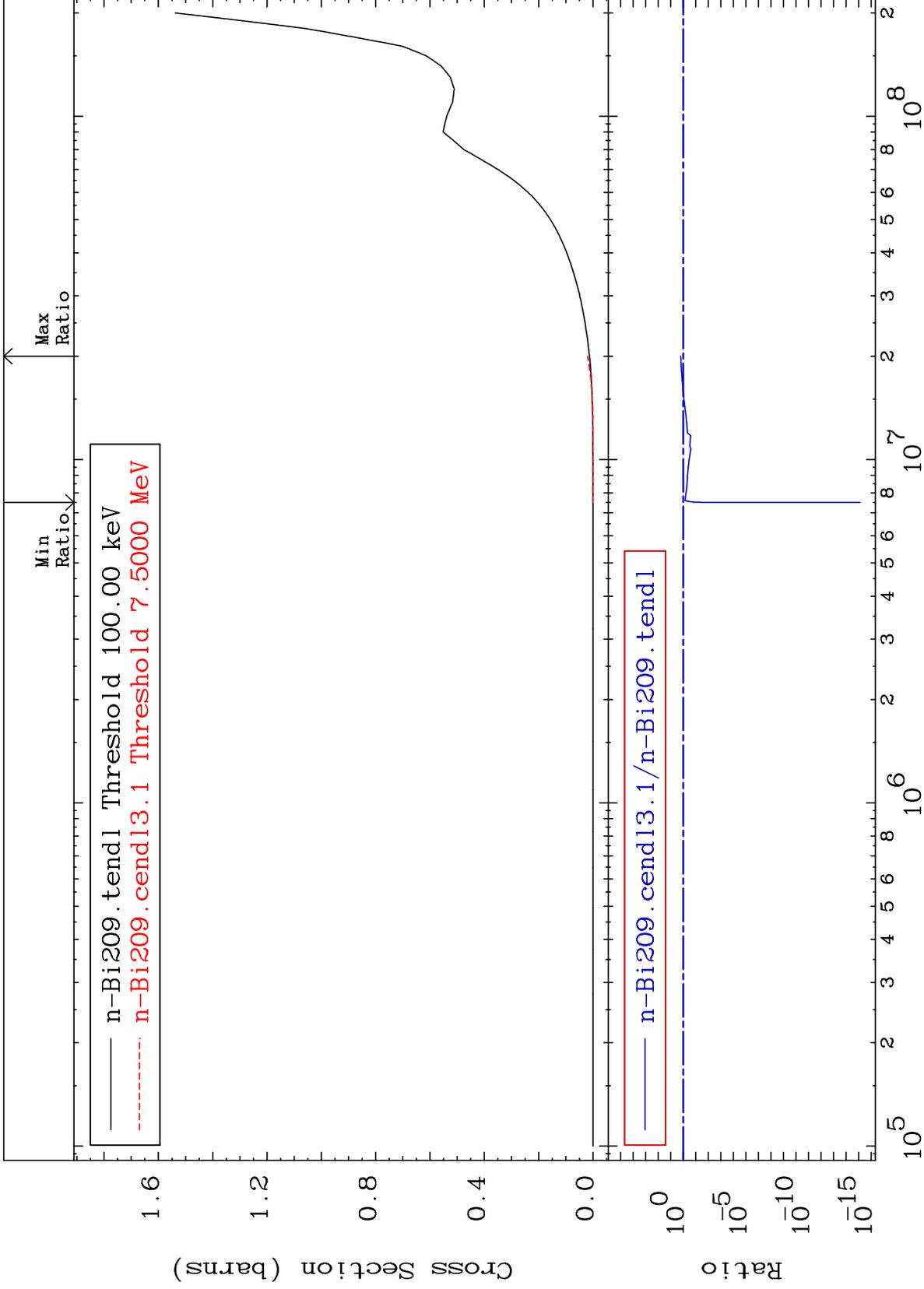
83-Bi-209
-47.91 To -44.81%

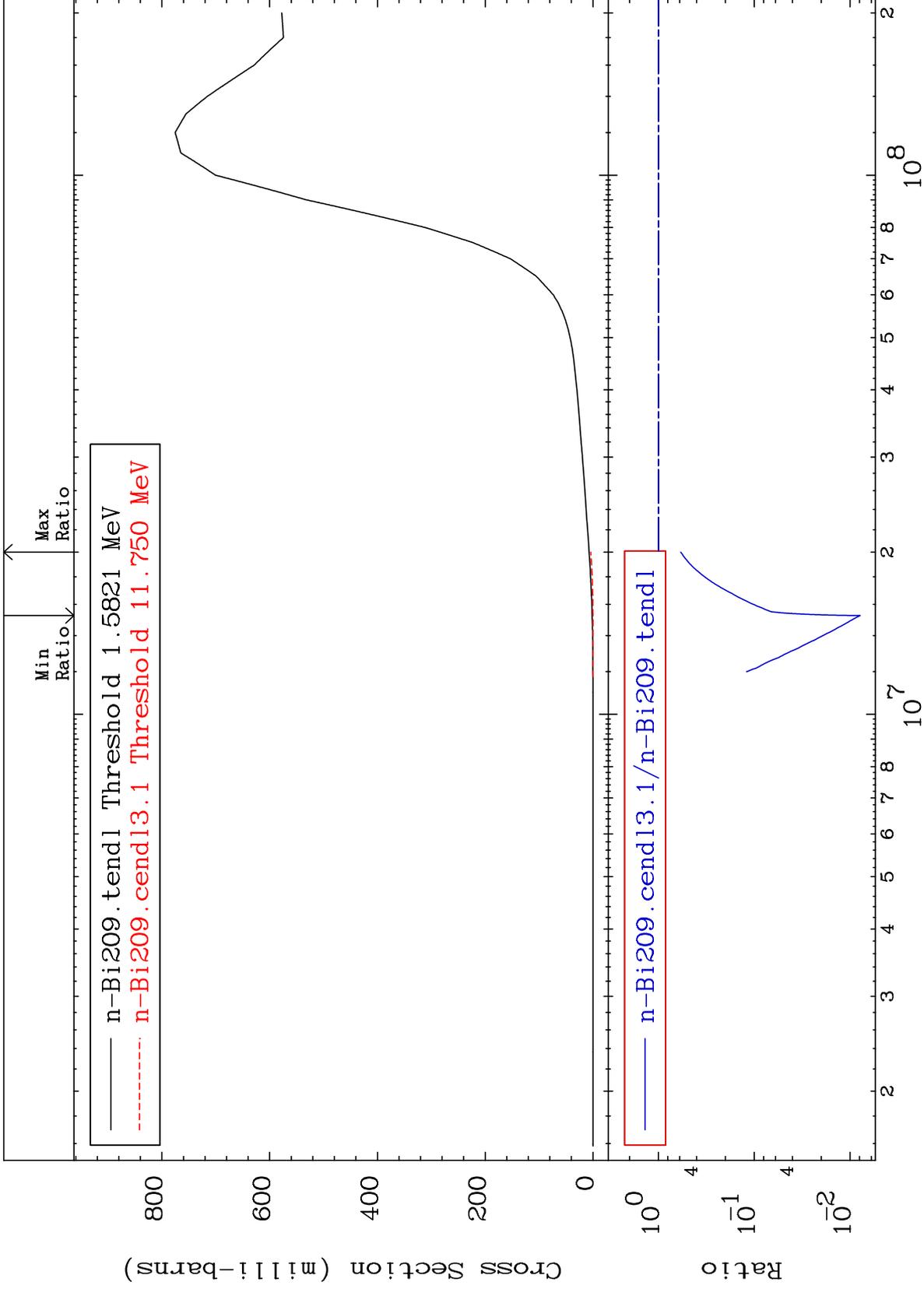


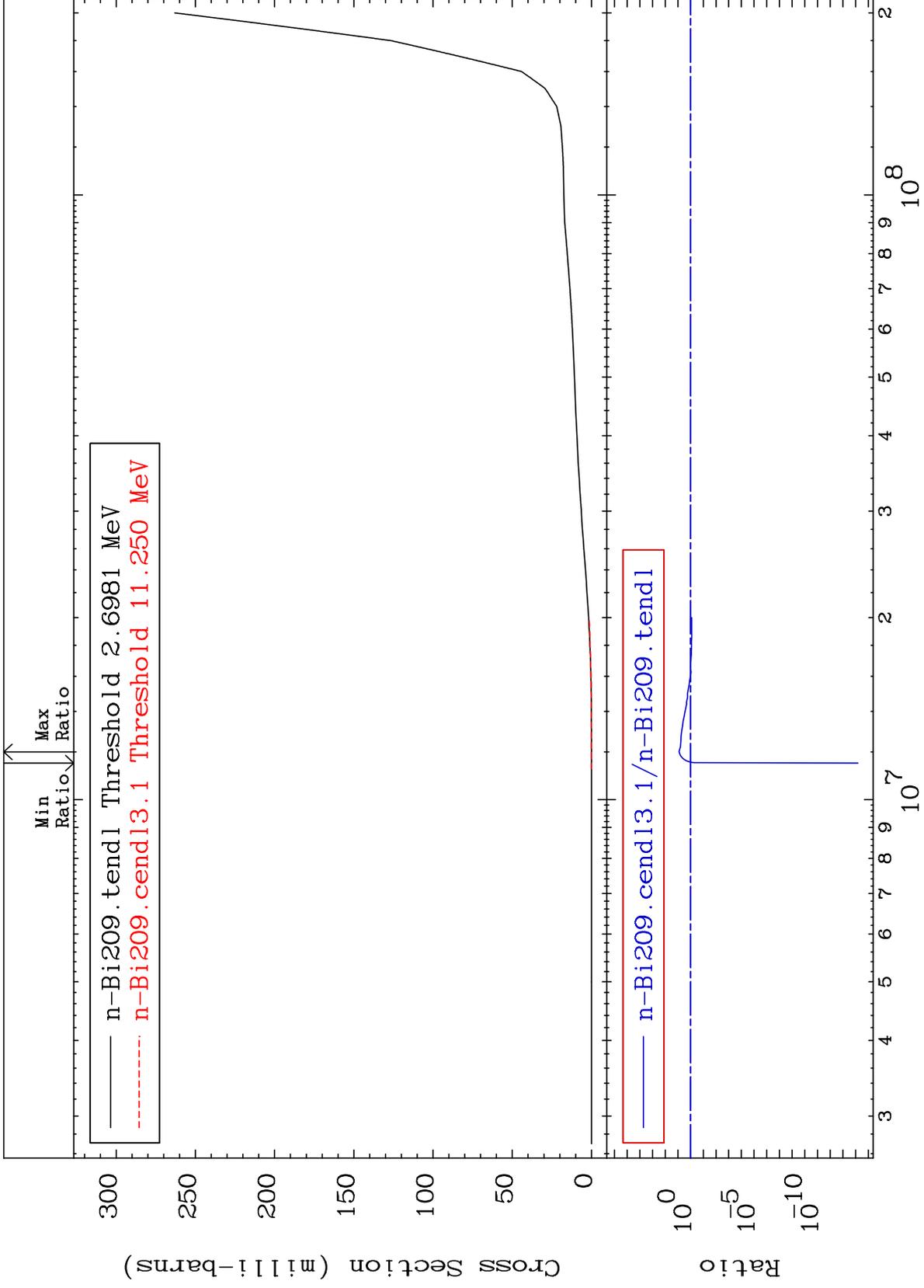
Incident Energy (eV)

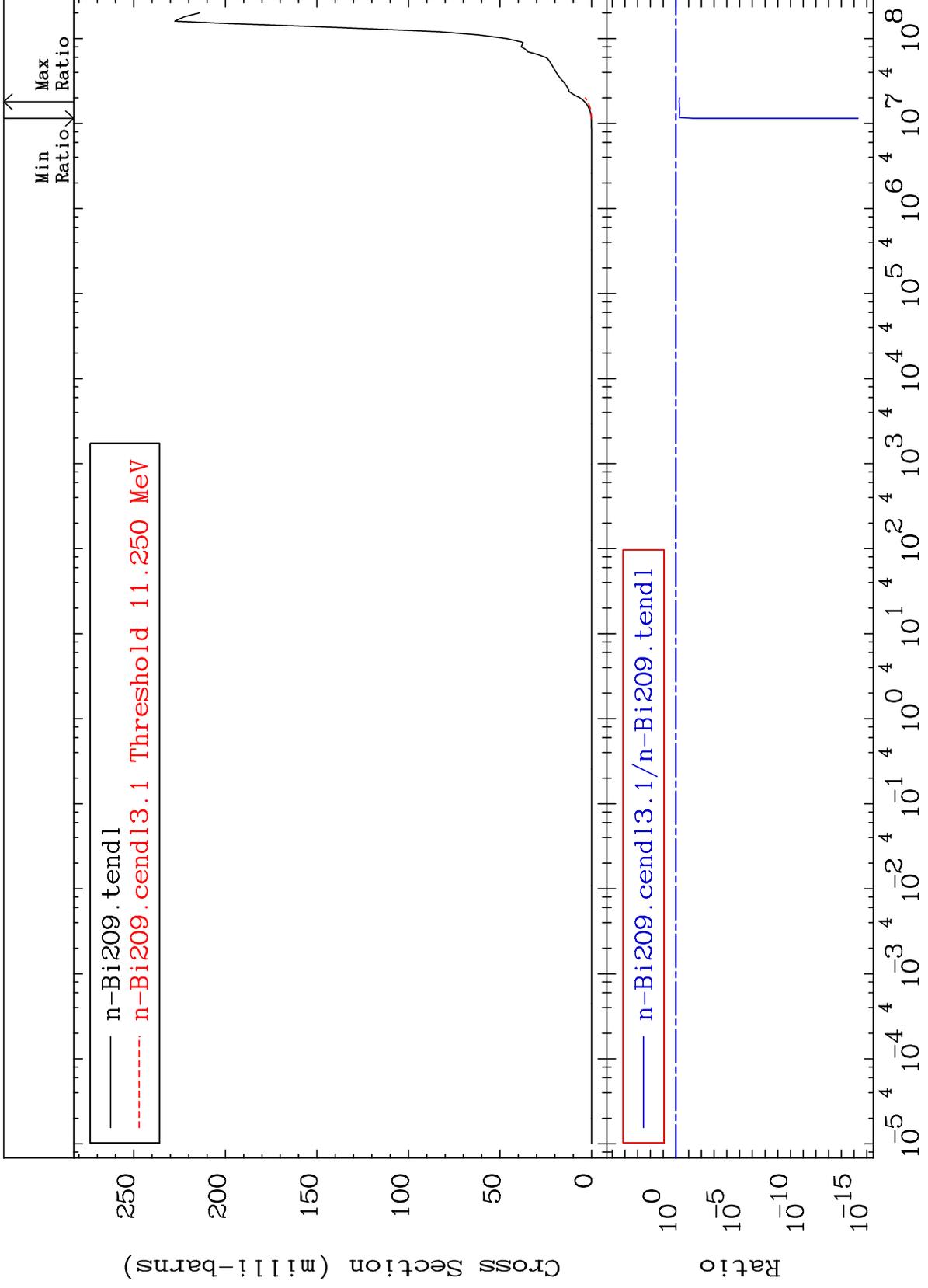
83-Bi-209

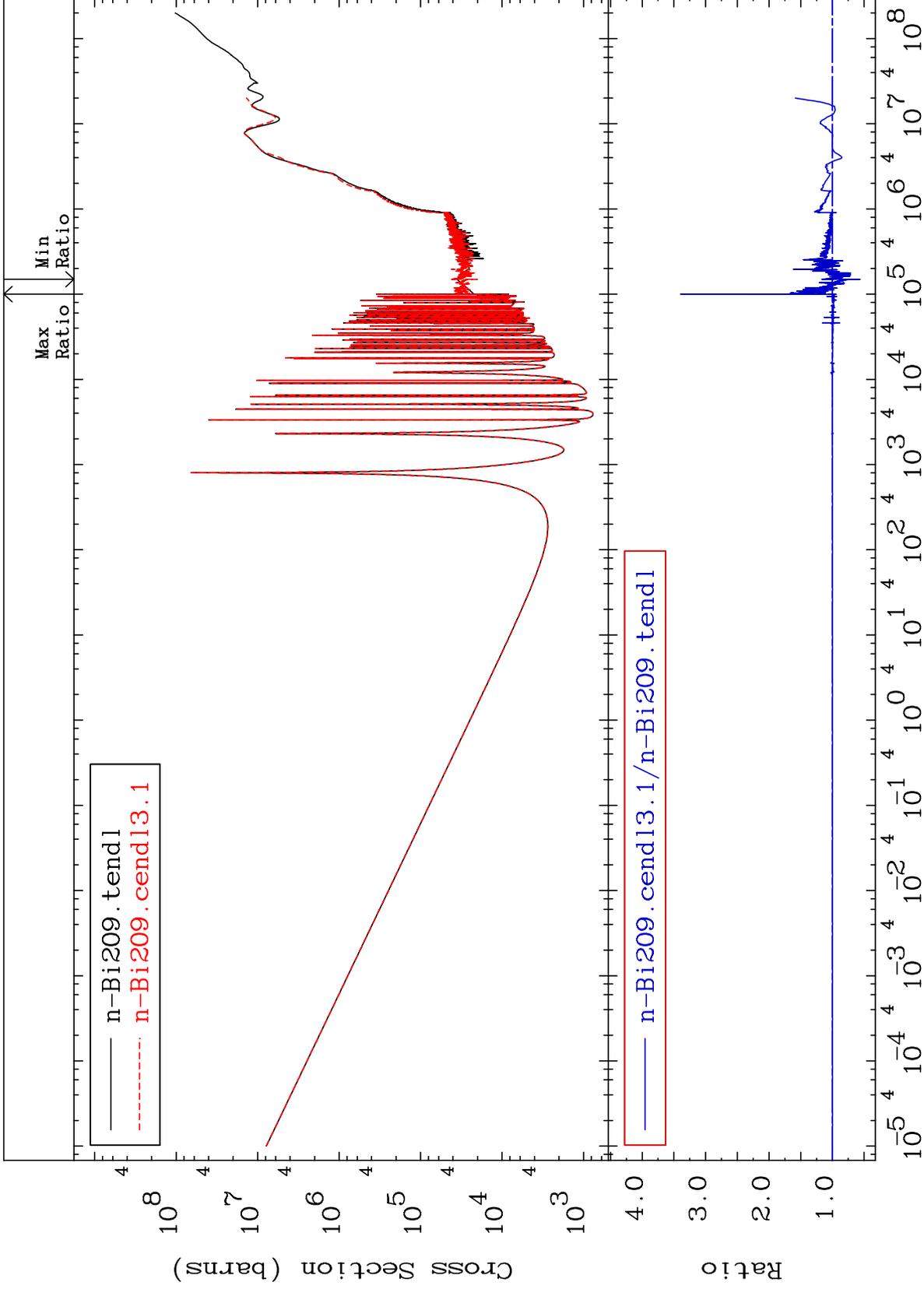
43

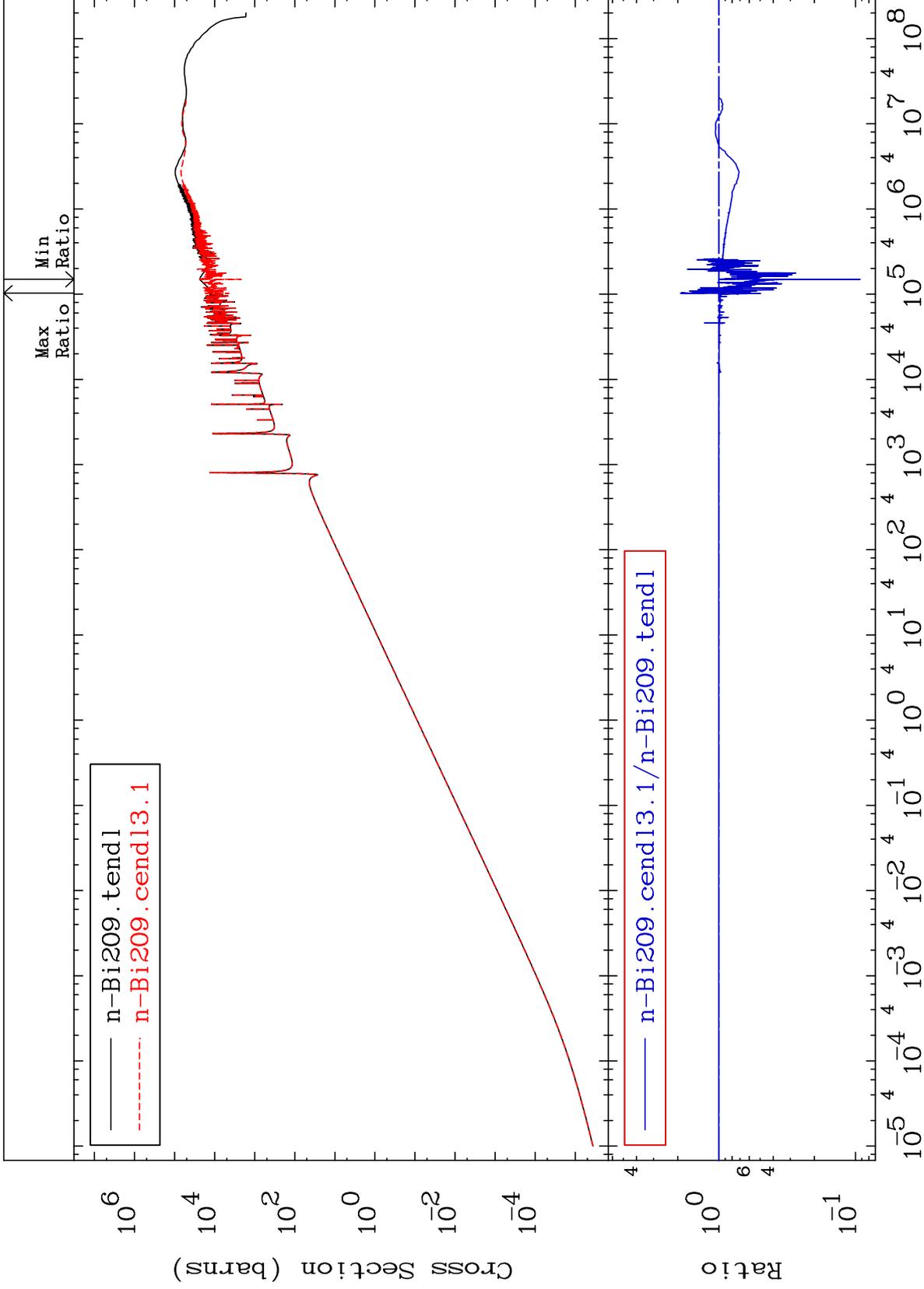


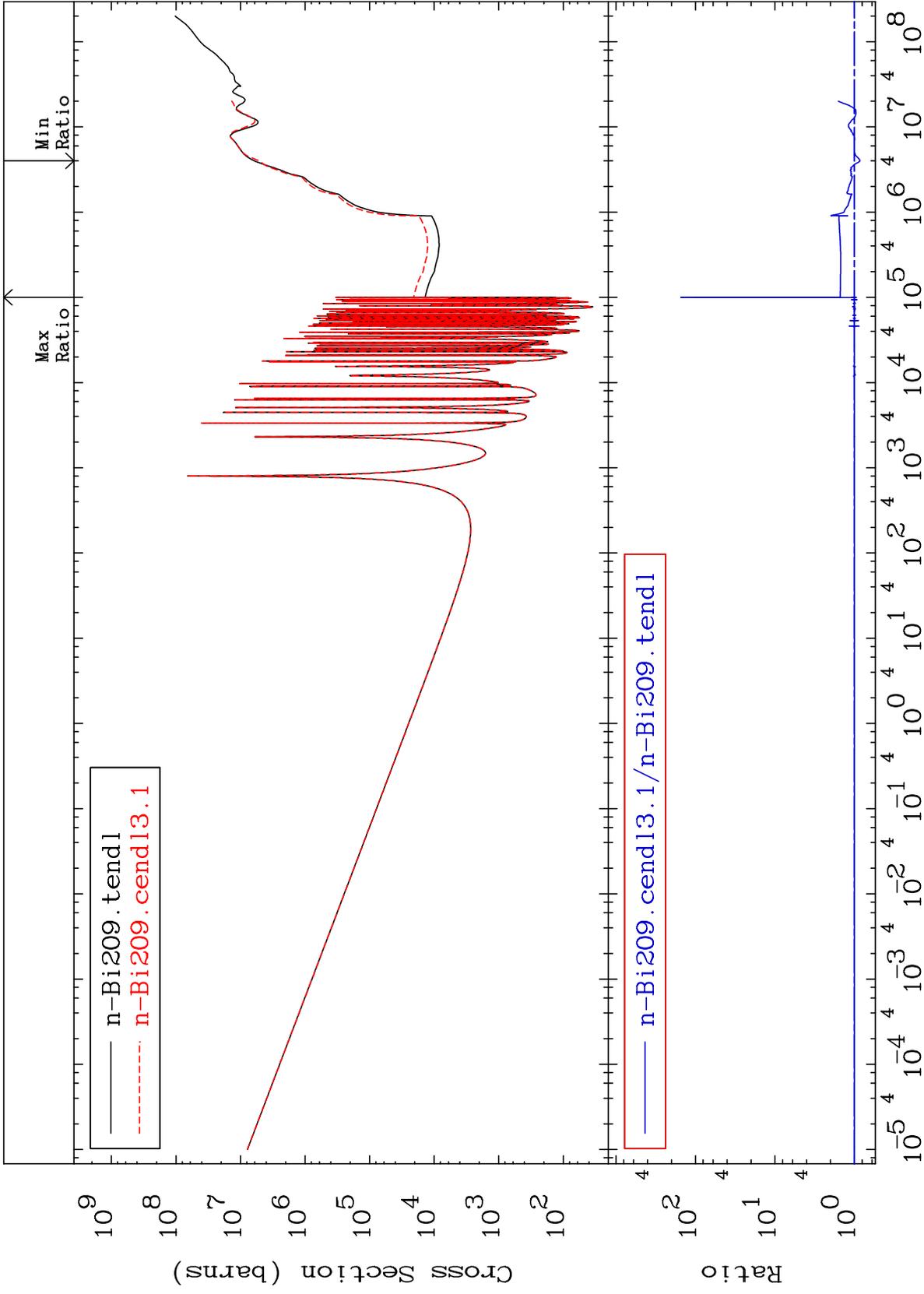


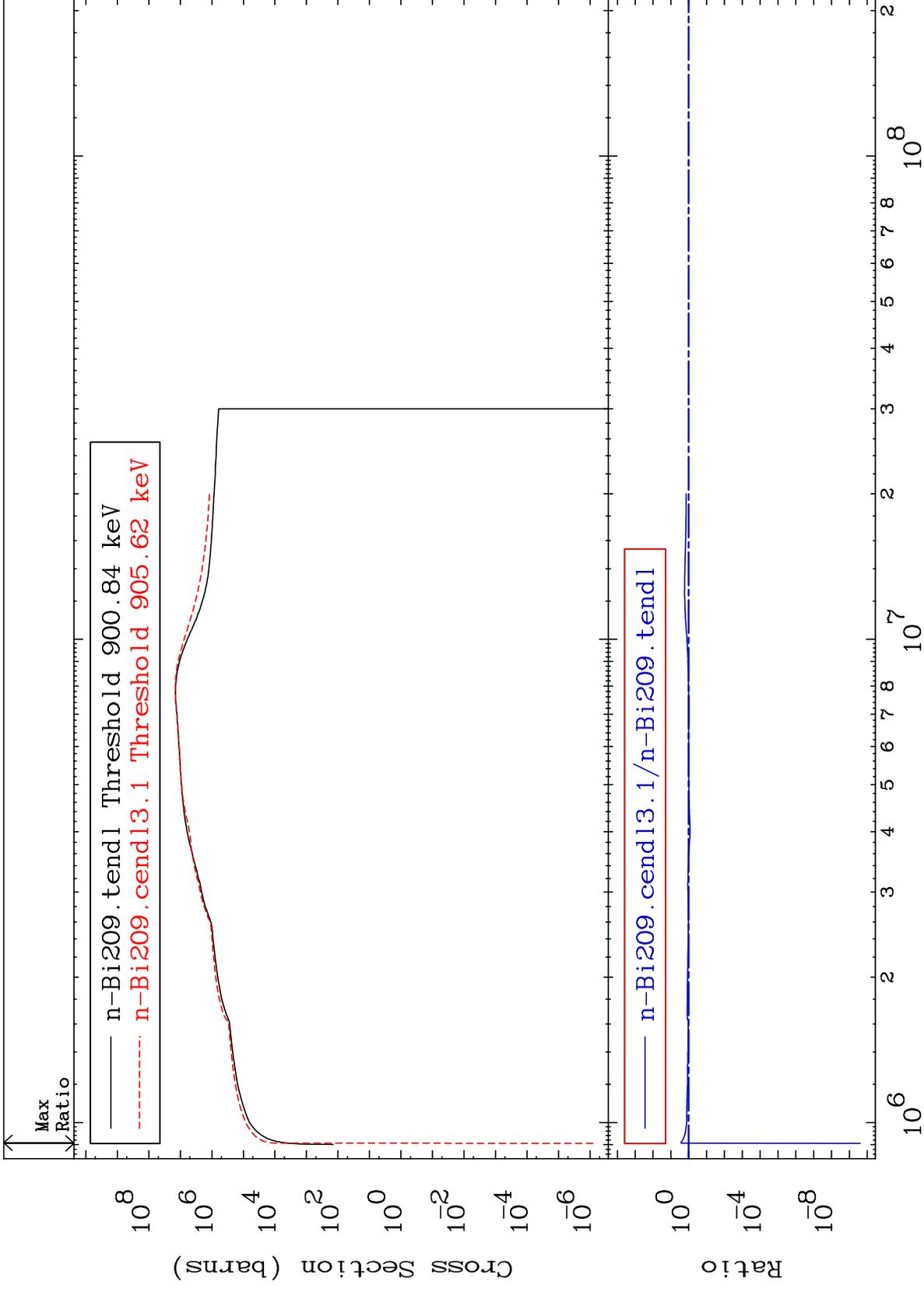








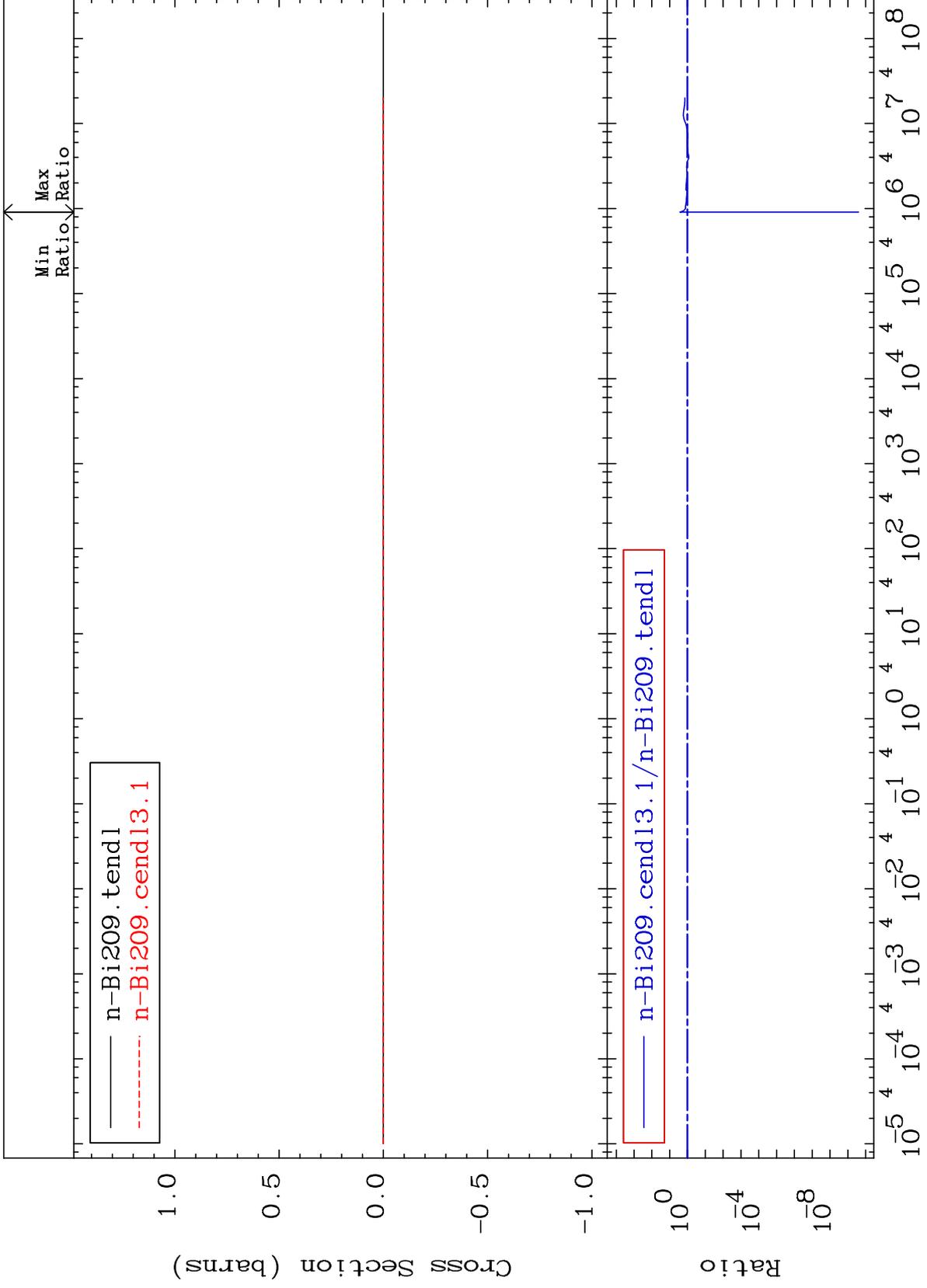




MAT 8325

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

83-Bi-209
-100.0 To 180.0 %



MAT 8325

Kerma capture (mt102)
Cross Section

83-Bi-209
-11.76 To 9999. %

