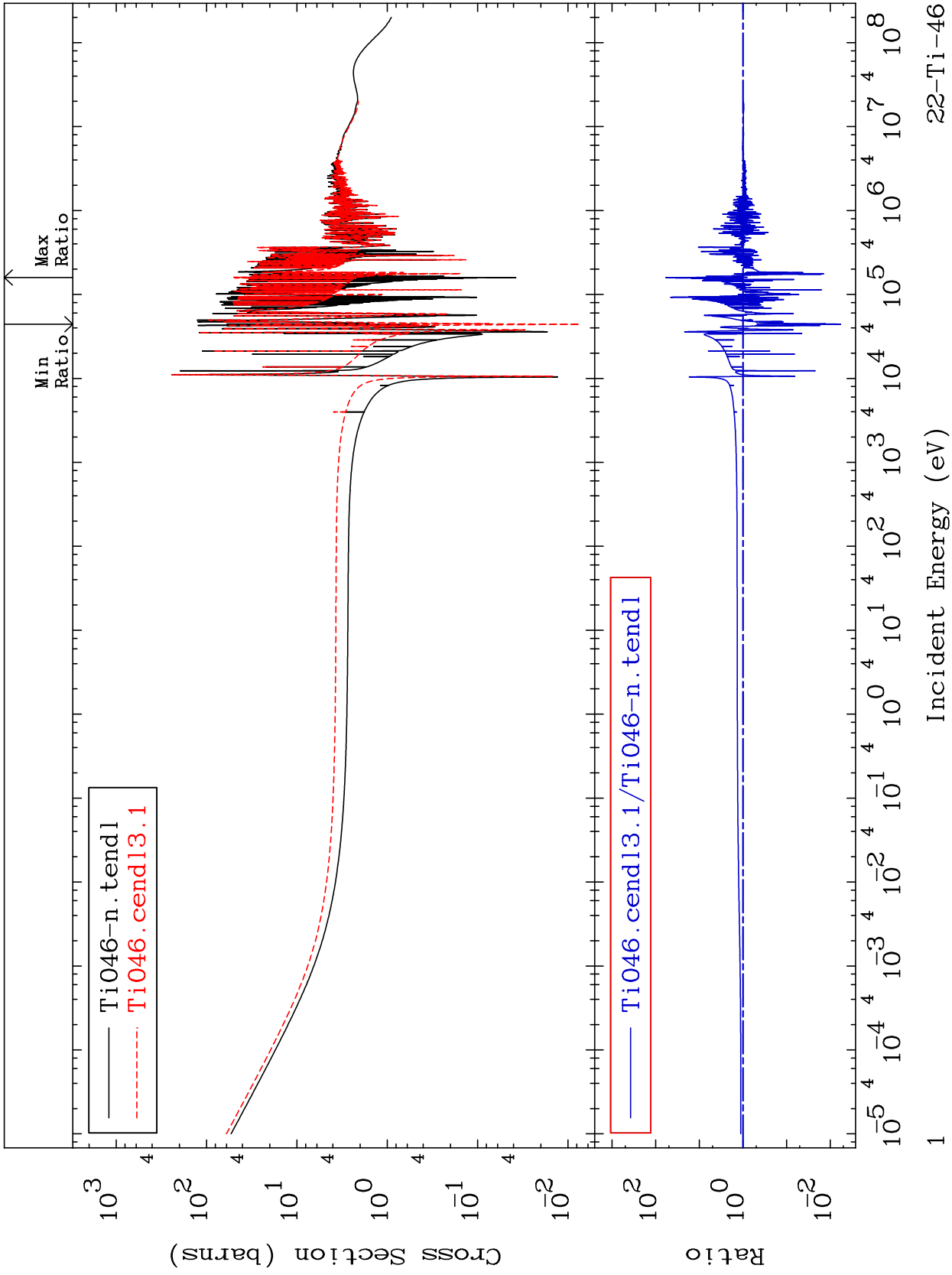


MAT 2225

Total
Cross Section

22-Ti-46
-99.42 To 5865. %



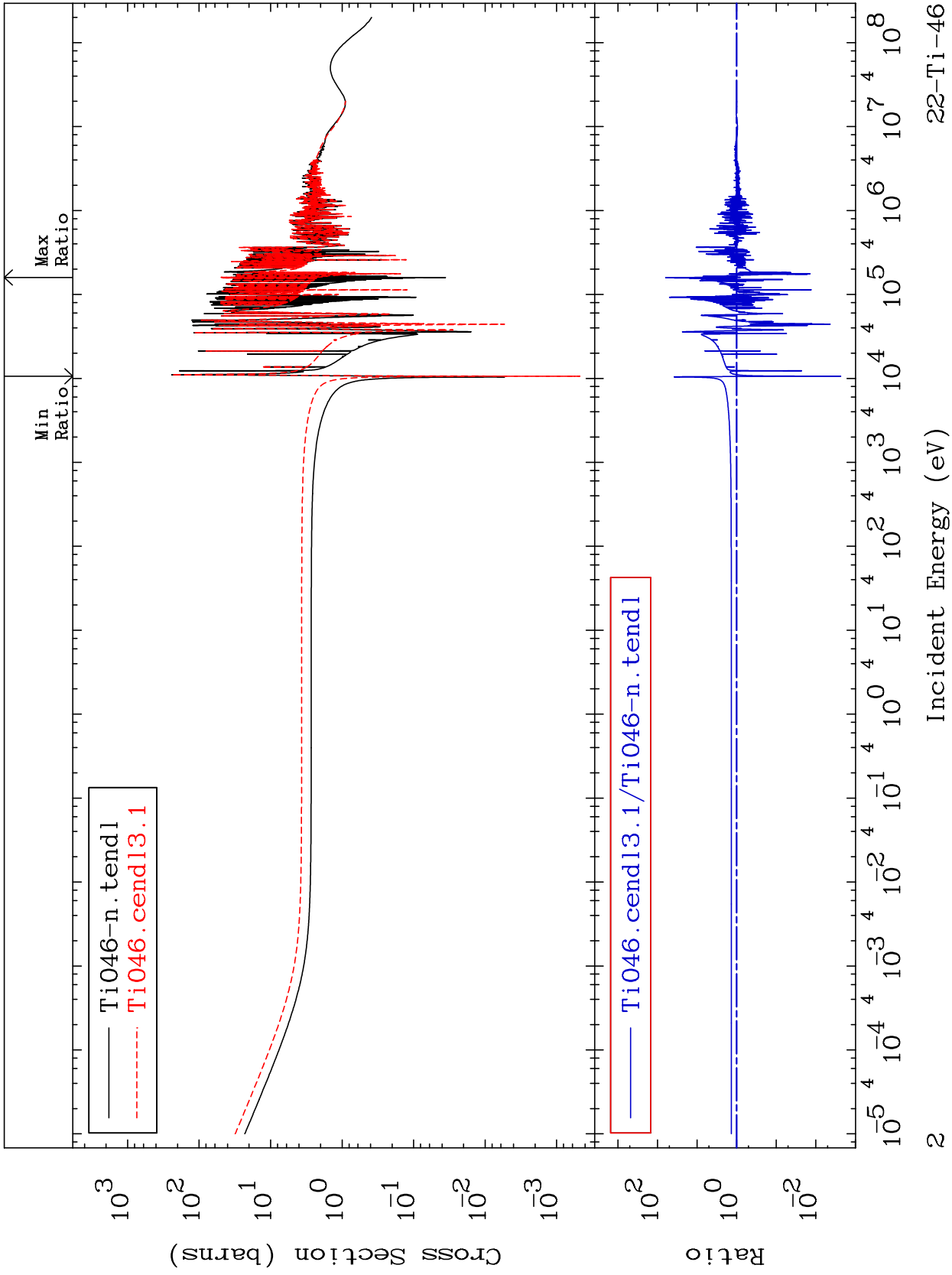
Incident Energy (eV)

22-Ti-46

MAT 2225

Elastic
Cross Section

22-Ti-46
-99.77 To 6176. %

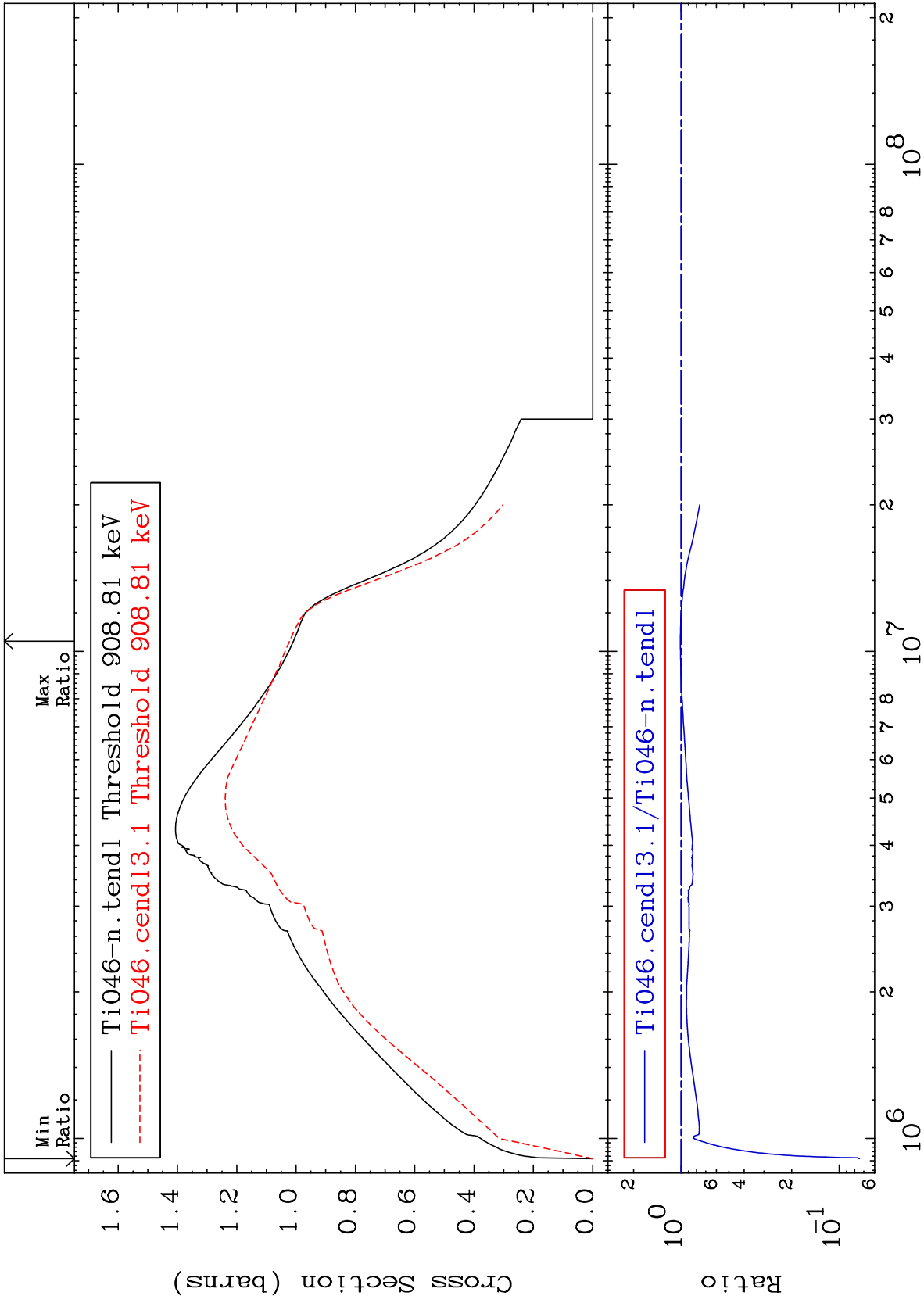


22-Ti-46

MAT 2225

Inelastic
Cross Section

22-Ti-46
-92.54 To 1.309 %



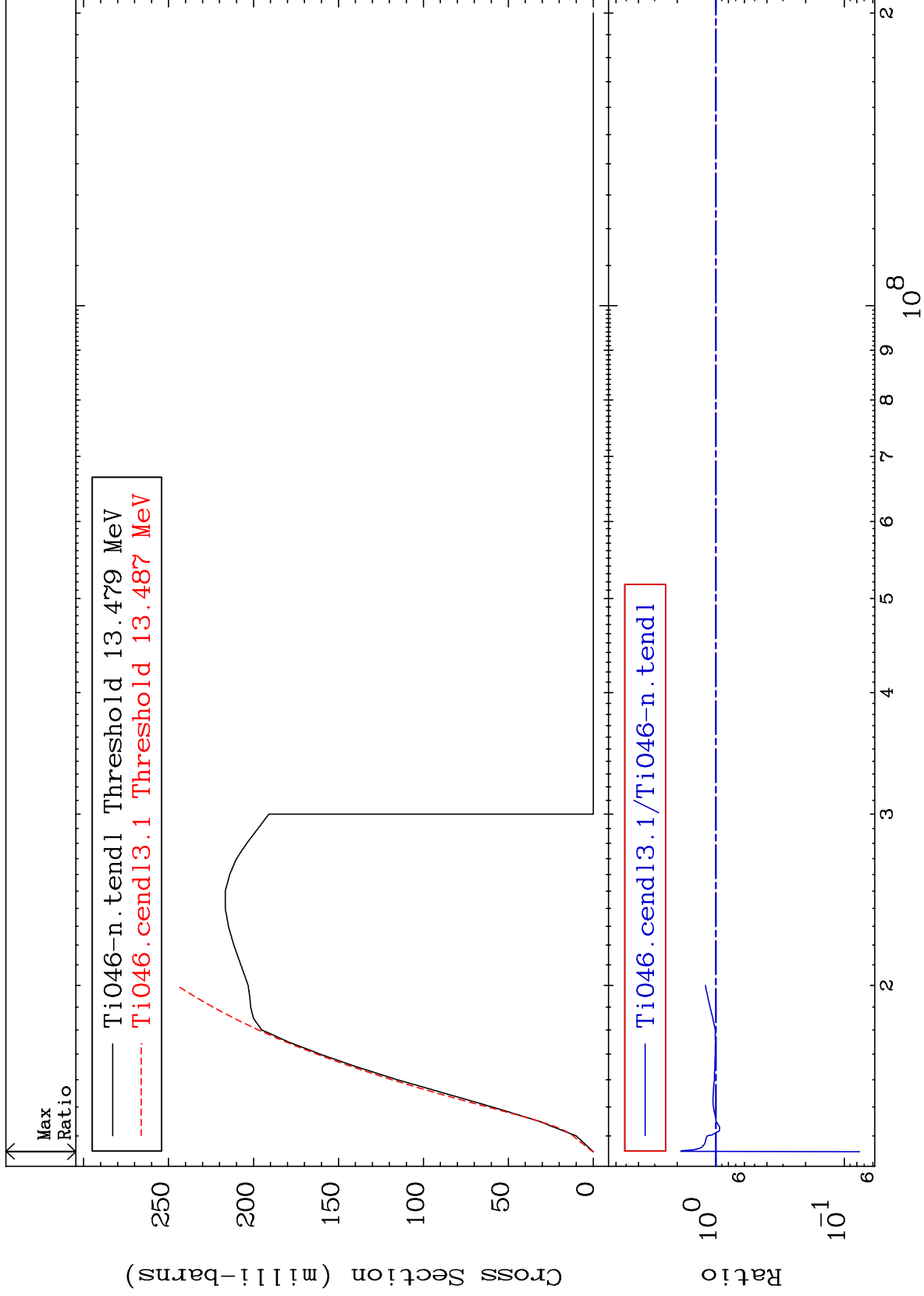
Incident Energy (eV)

22-Ti-46

MAT 2225

(n,2n)
Cross Section

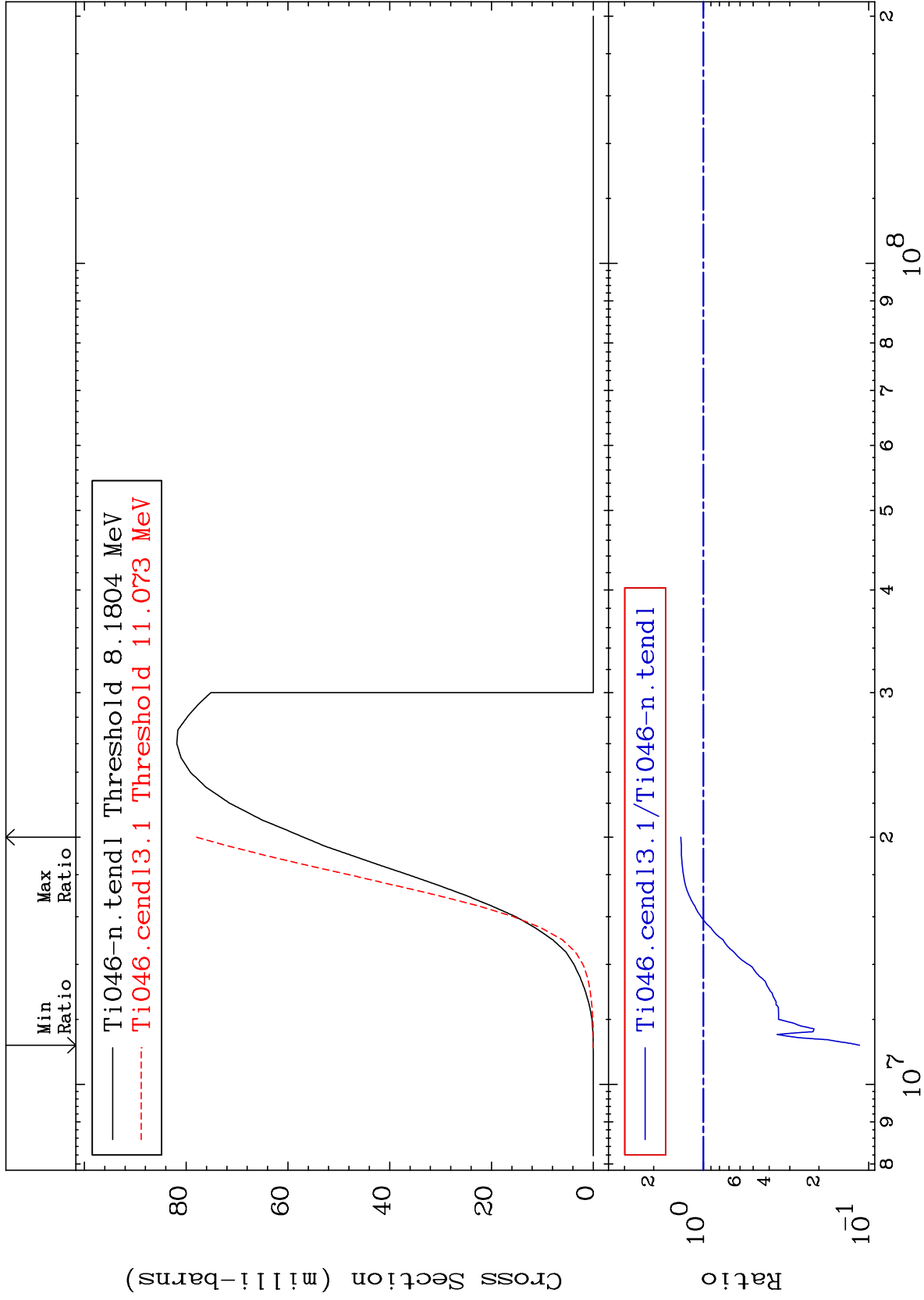
22-Ti-46
-92.39 To 87.68 %



MAT 2225

(n,n') α
Cross Section

$^{22}\text{Ti}-46$
-88.65 To 37.01 %



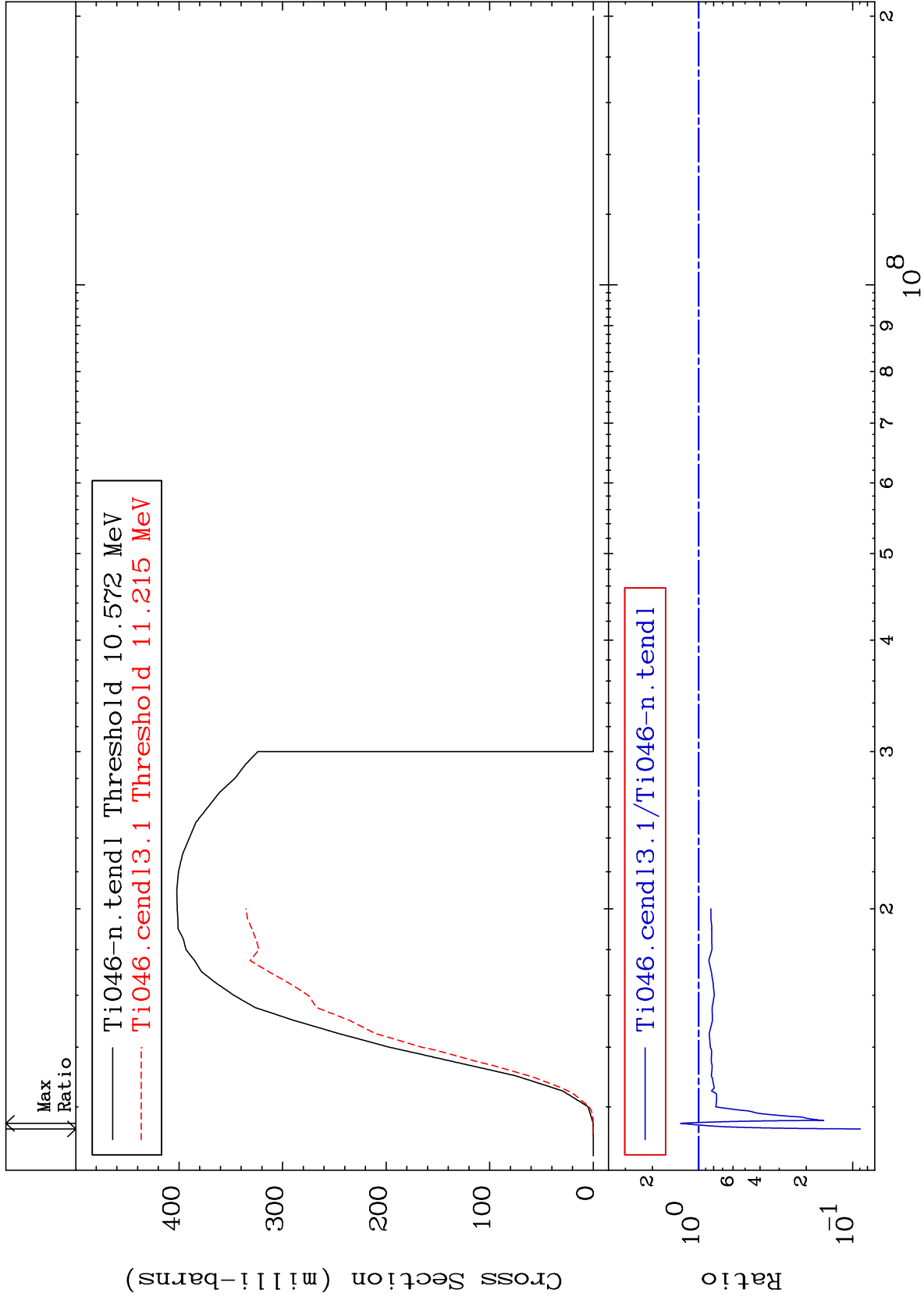
Incident Energy (eV)

$^{22}\text{Ti}-46$

MAT 2225

(n,n') p
Cross Section

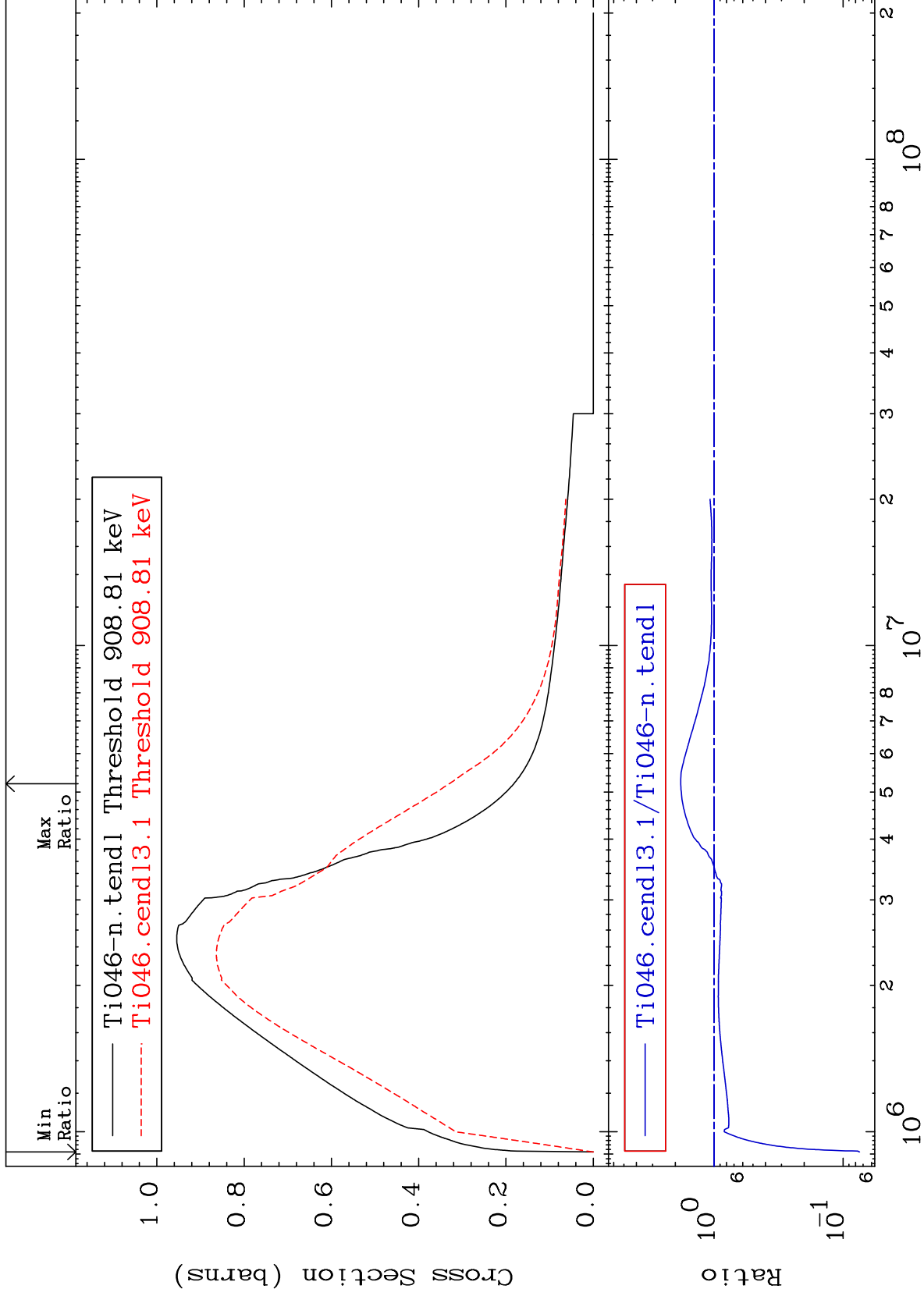
²²Ti-46
-90.98 To 30.83 %



MAT 2225

889.3 keV (n,n') Level
Cross Section

22-Ti-46
-92.54 To 81.30 %



7

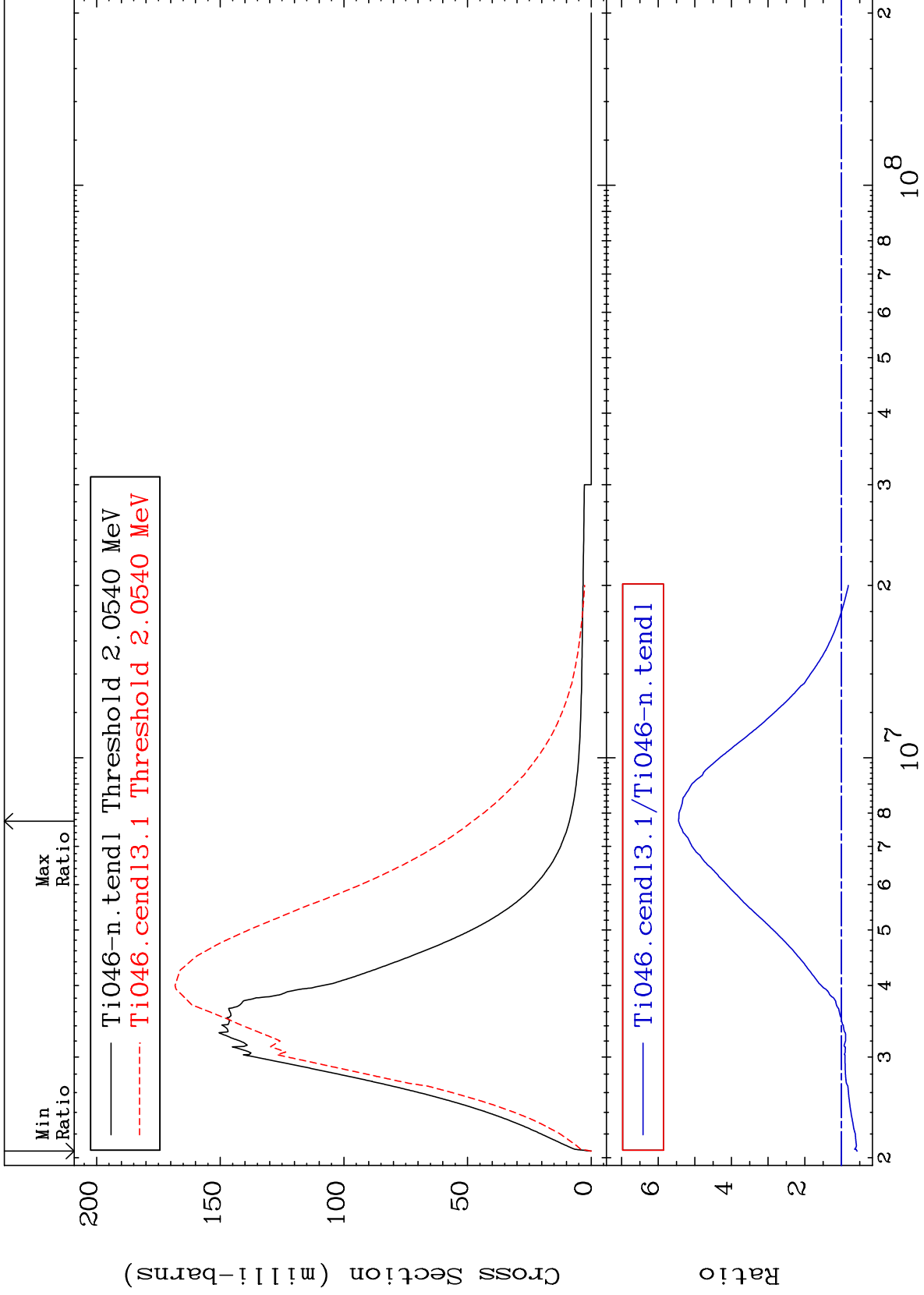
Incident Energy (eV)

22-Ti-46

MAT 2225

2.010 MeV (n,n') Level
Cross Section

22-Ti-46
-43.27 To 444.2 %



8

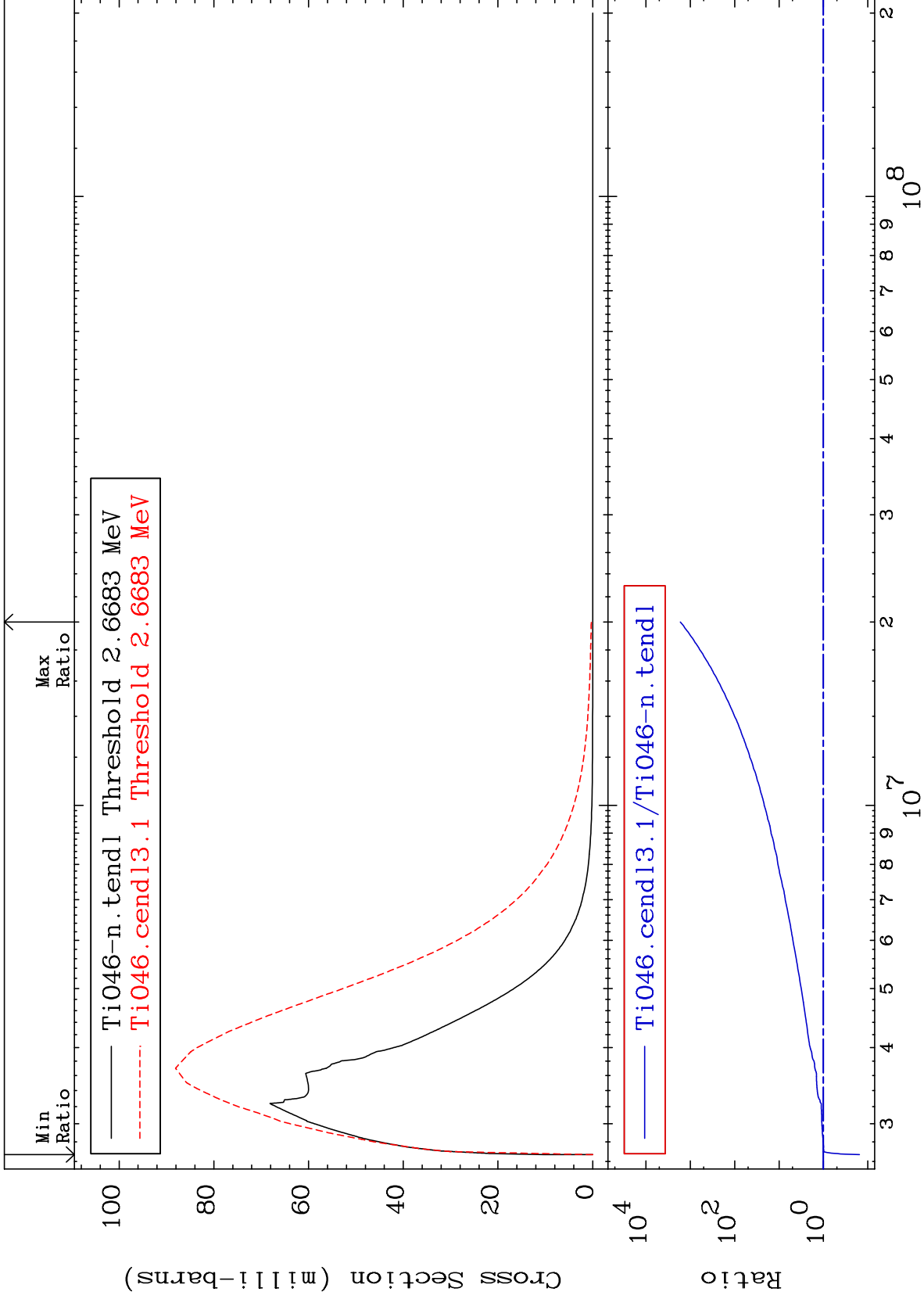
Incident Energy (eV)

22-Ti-46

MAT 2225

2.611 MeV (n,n') Level
Cross Section

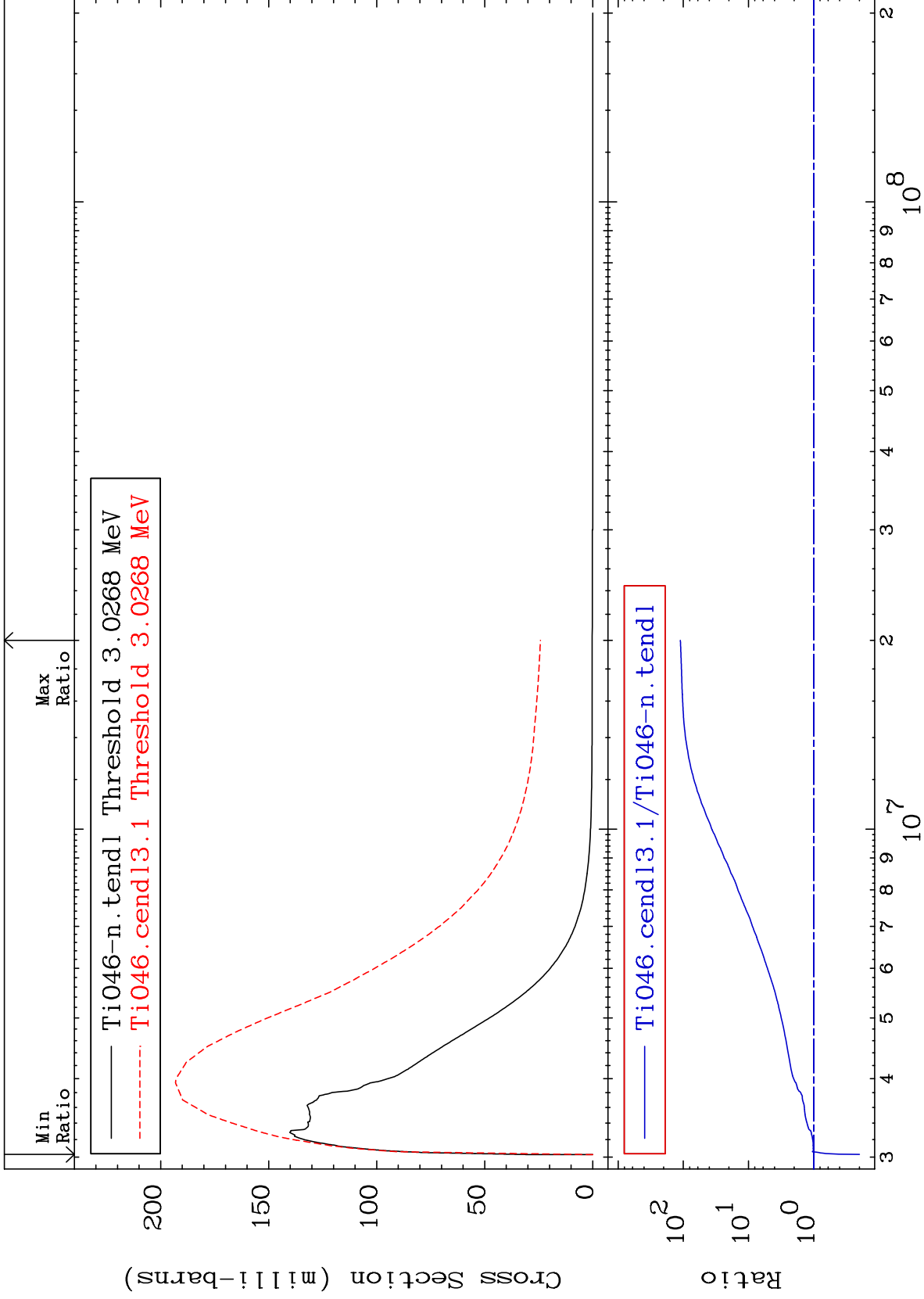
22-Ti-46
-84.53 To 9999. %



MAT 2225

2.962 MeV (n,n') Level
Cross Section

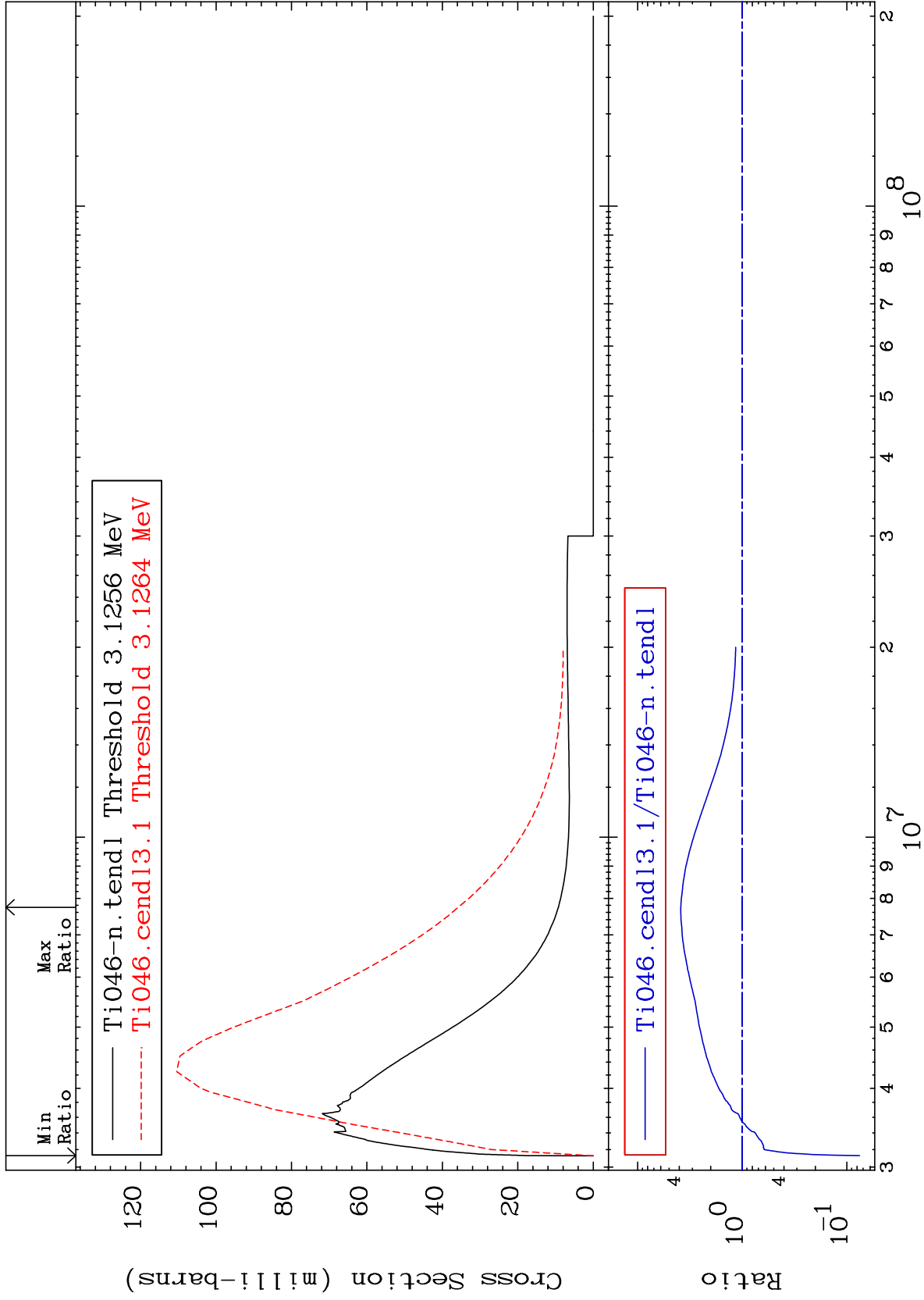
22-Ti-46
-80.07 To 9999. %



10

Incident Energy (eV)

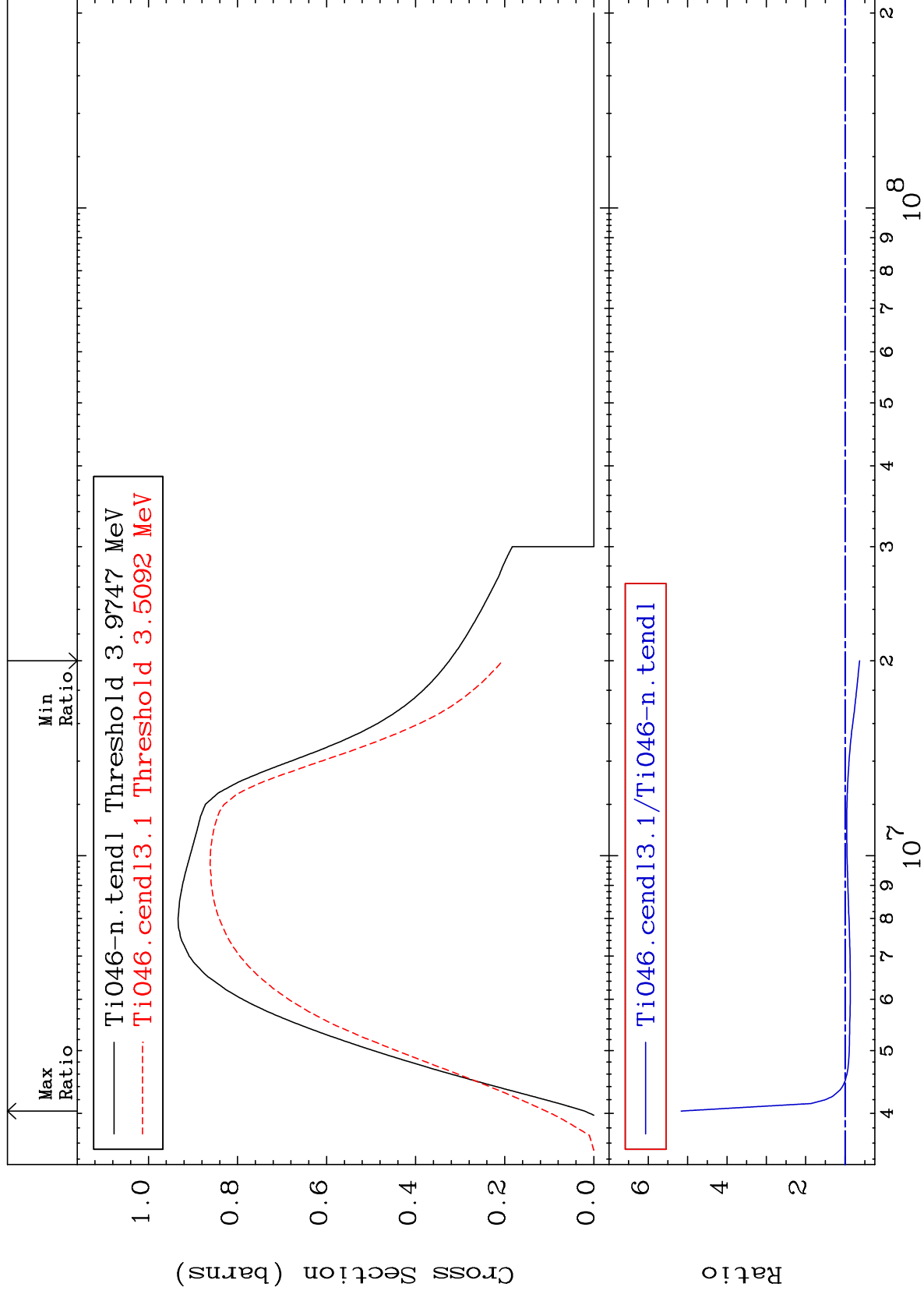
22-Ti-46



MAT 2225

(n, n') Continuum
Cross Section

²²Ti-46
-37.00 To 416.3 %



12

Incident Energy (eV)

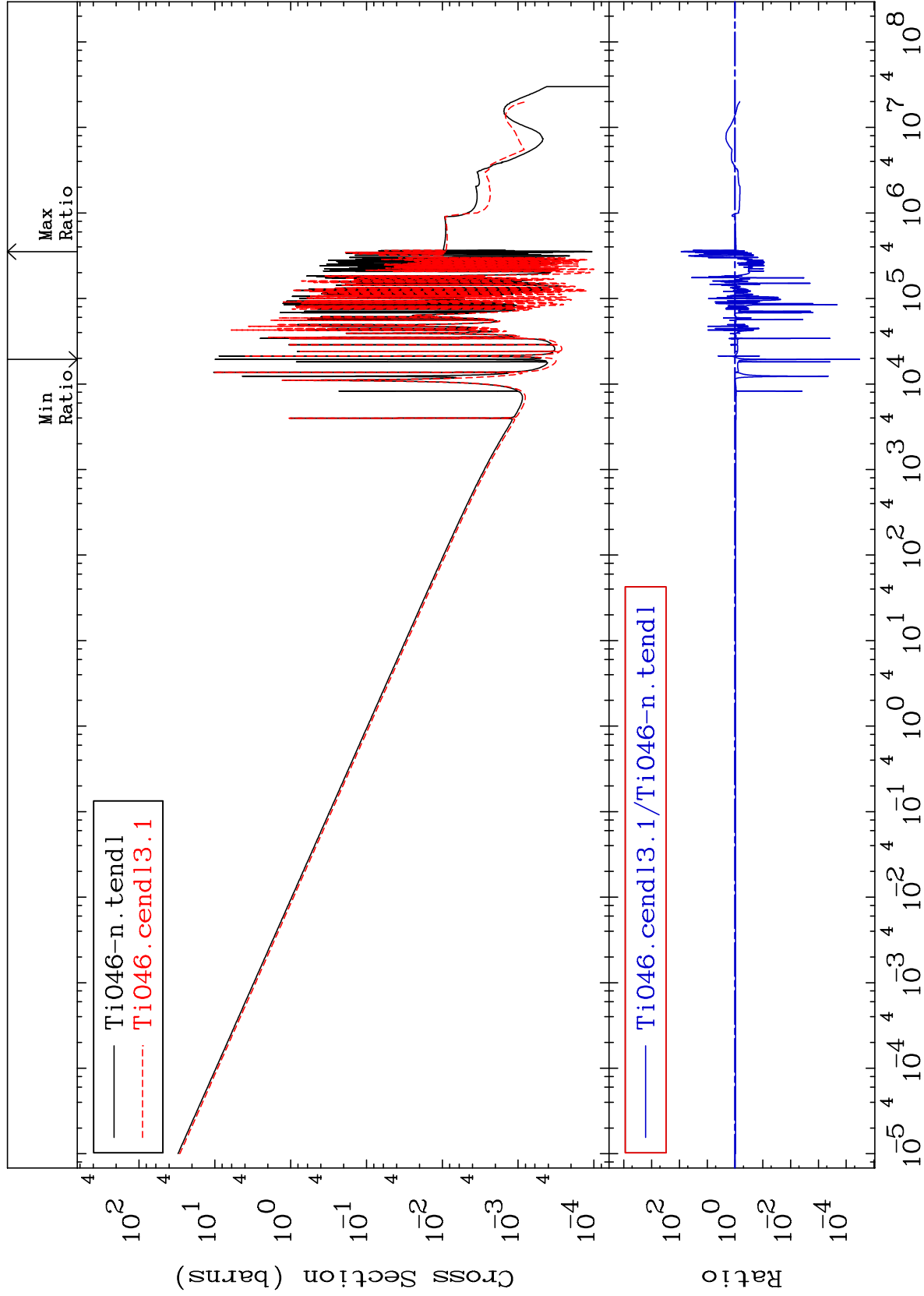
²²Ti-46

MAT 2225

(n, γ)
Cross Section

22-Ti-46

-100.0 To 8541. %



Incident Energy (eV)

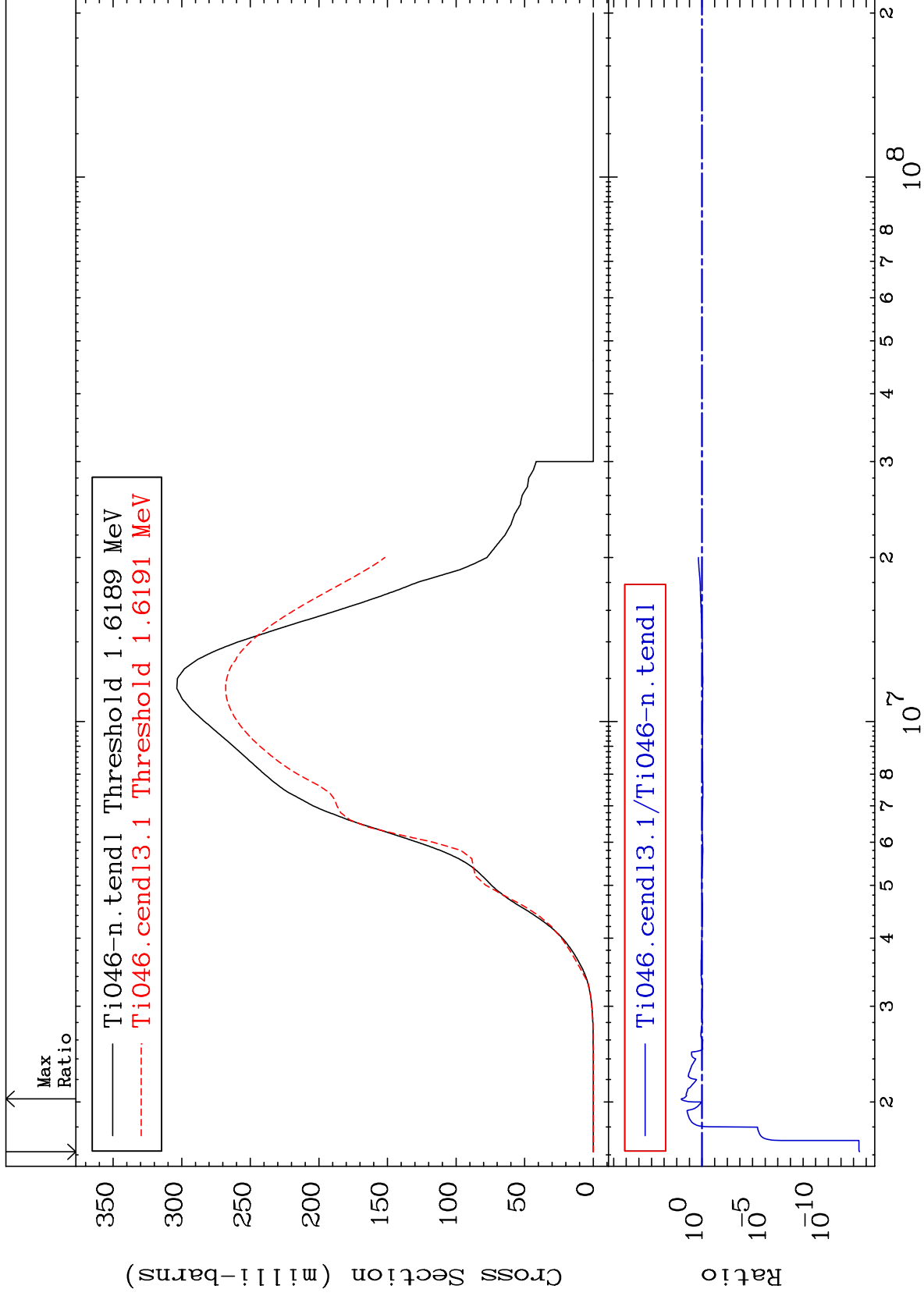
22-Ti-46

13

MAT 2225

(n,p)
Cross Section

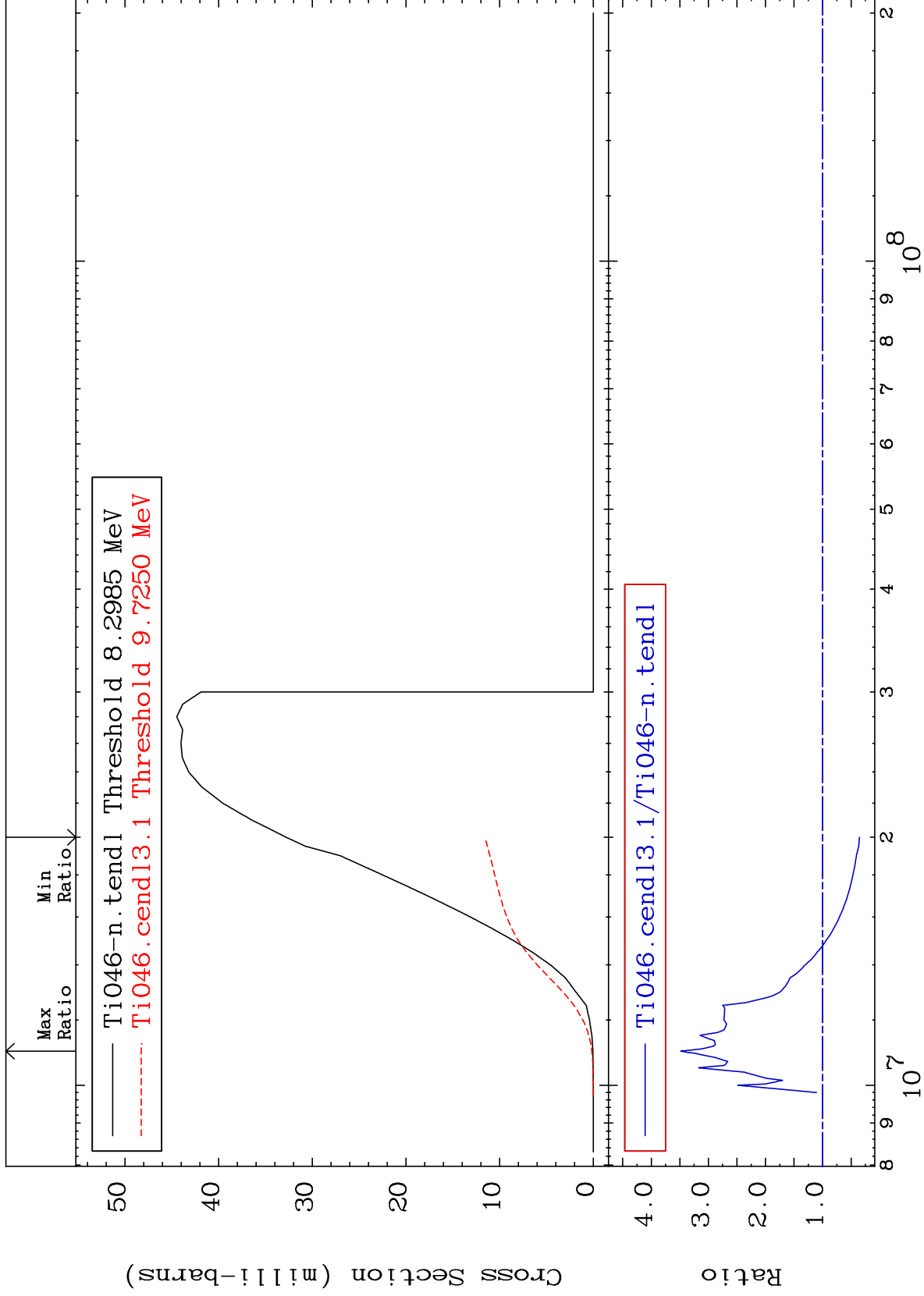
22-Ti-46
-100.0 To 4699. %



MAT 2225

(n, d)
Cross Section

²²Ti-46
-64.76 To 248.4 %



15

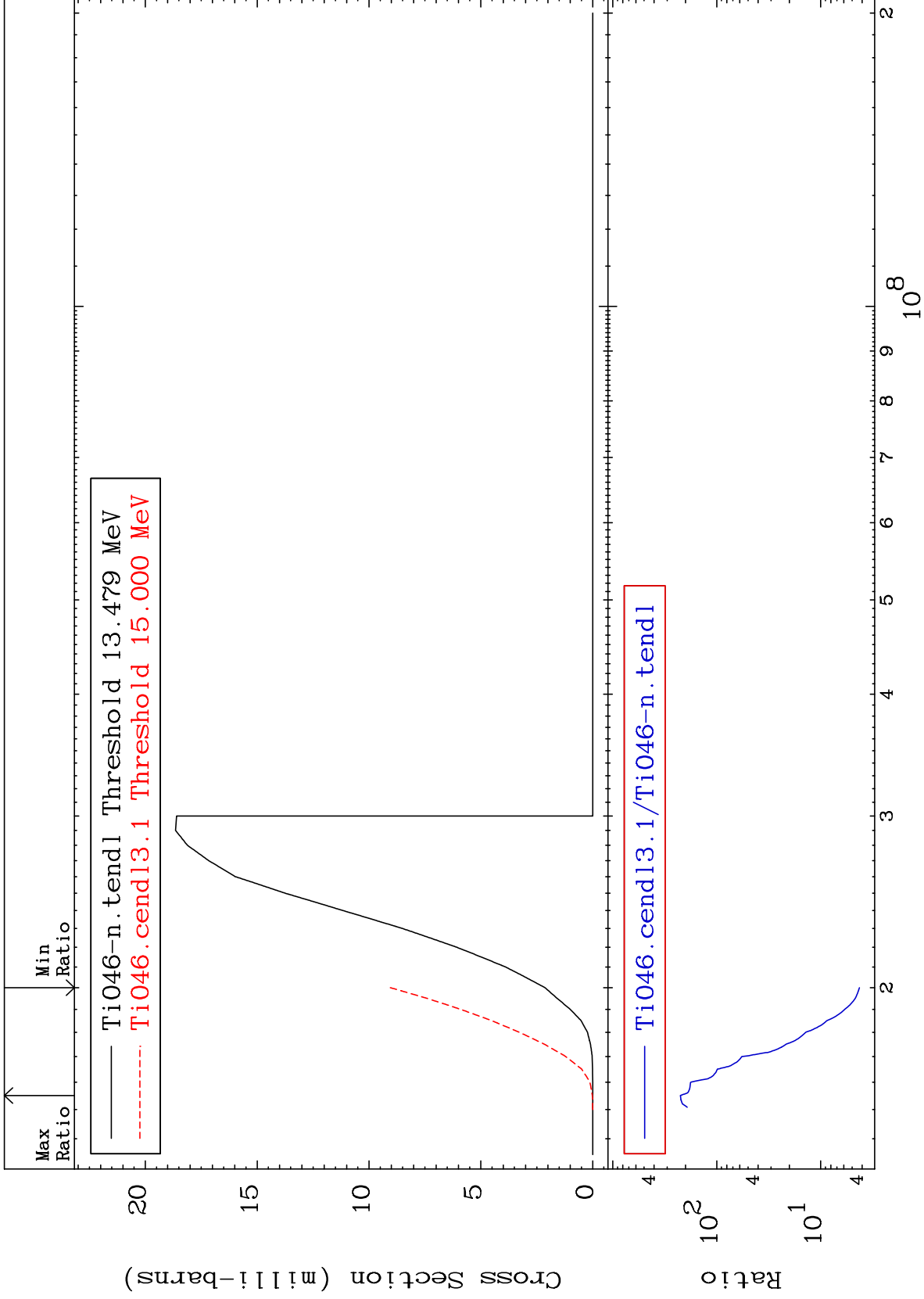
Incident Energy (eV)

²²Ti-46

MAT 2225

(n, t)
Cross Section

22-Ti-46
324.4 To 9999. %



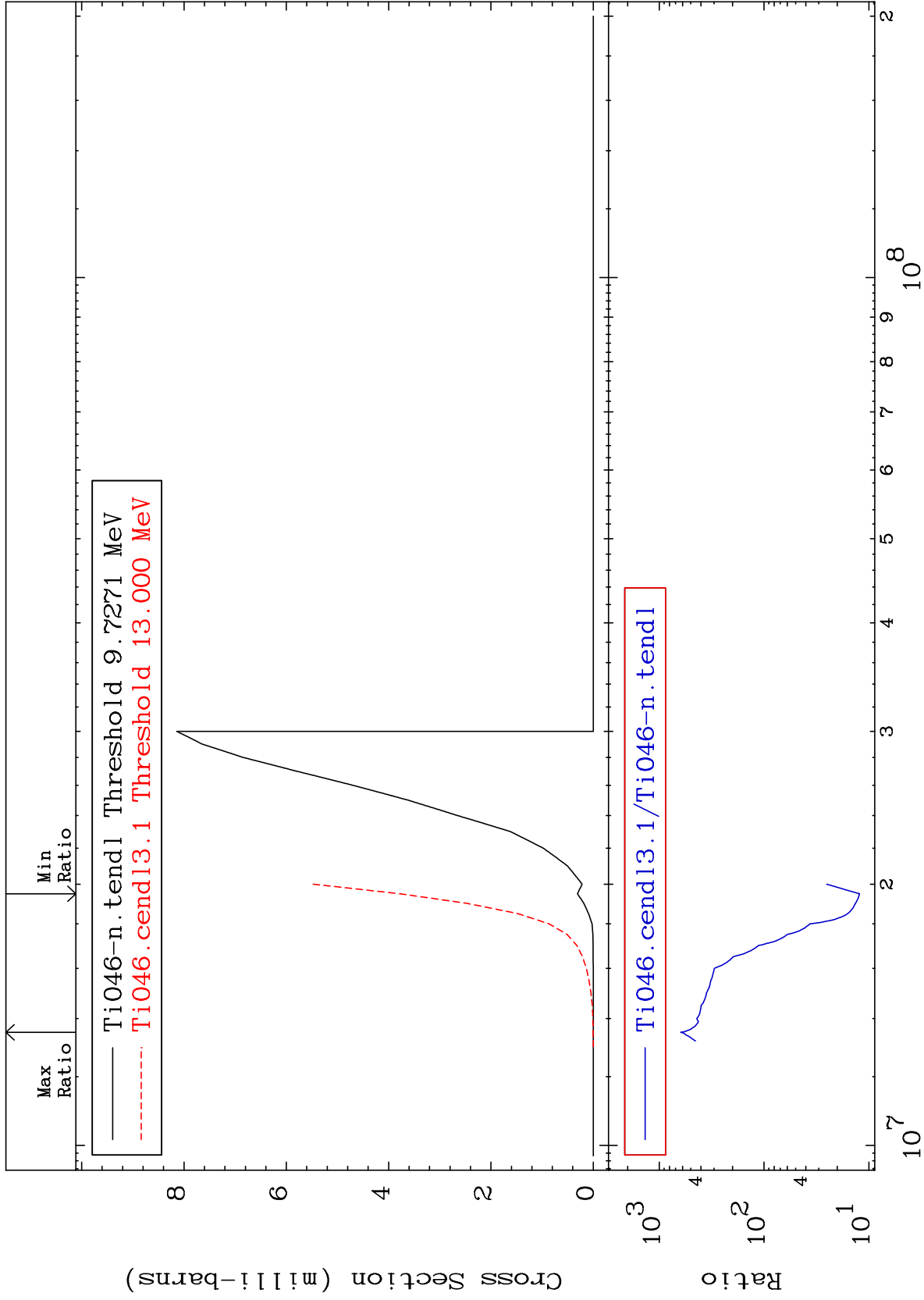
MAT 2225

(n, He-3)

22-Ti-46

Cross Section

1126. To 9999. %



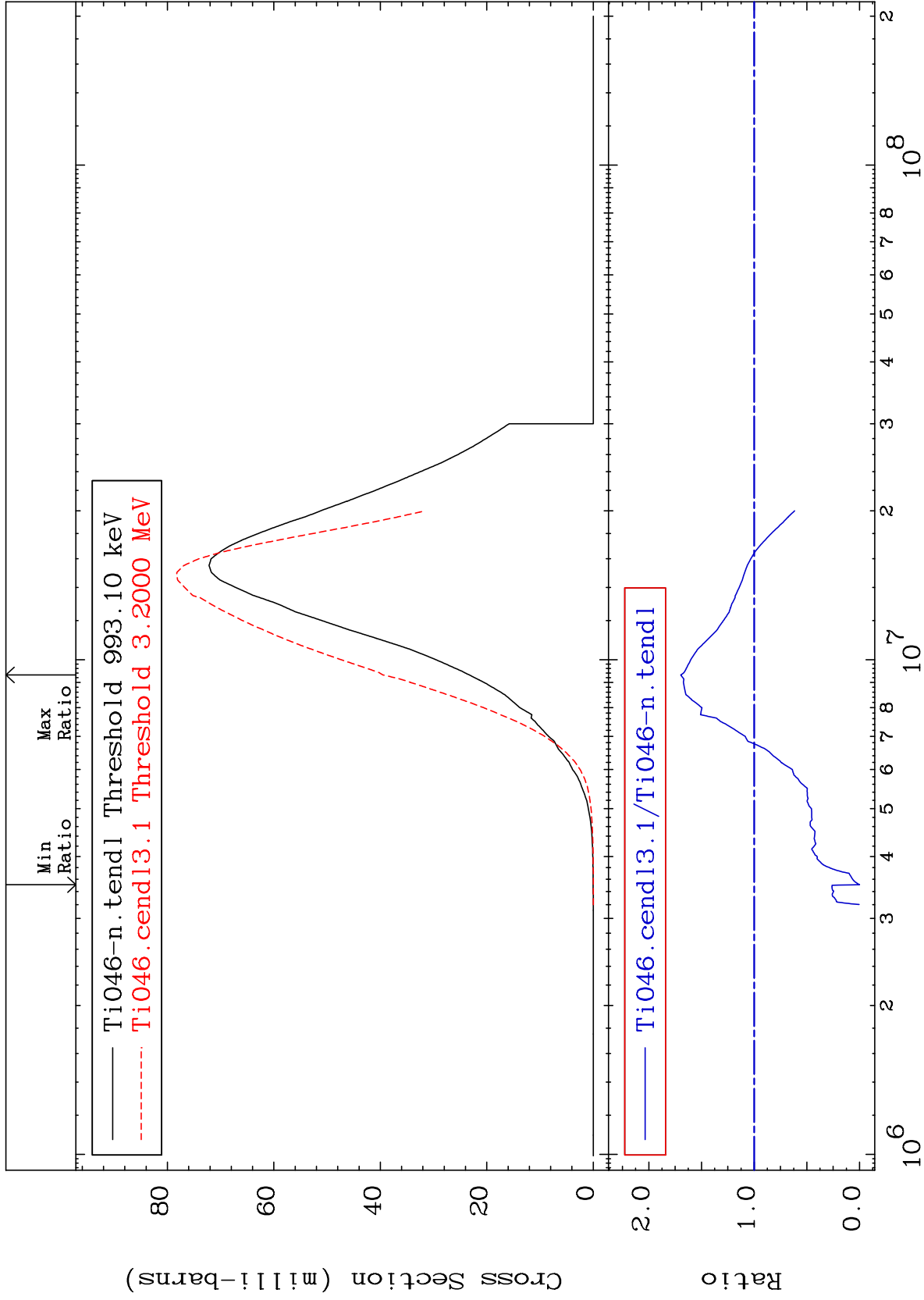
Incident Energy (eV)

22-Ti-46

MAT 2225

$^{22}\text{Ti-46}$

(n, α)
Cross Section
-100.0 To 69.66 %



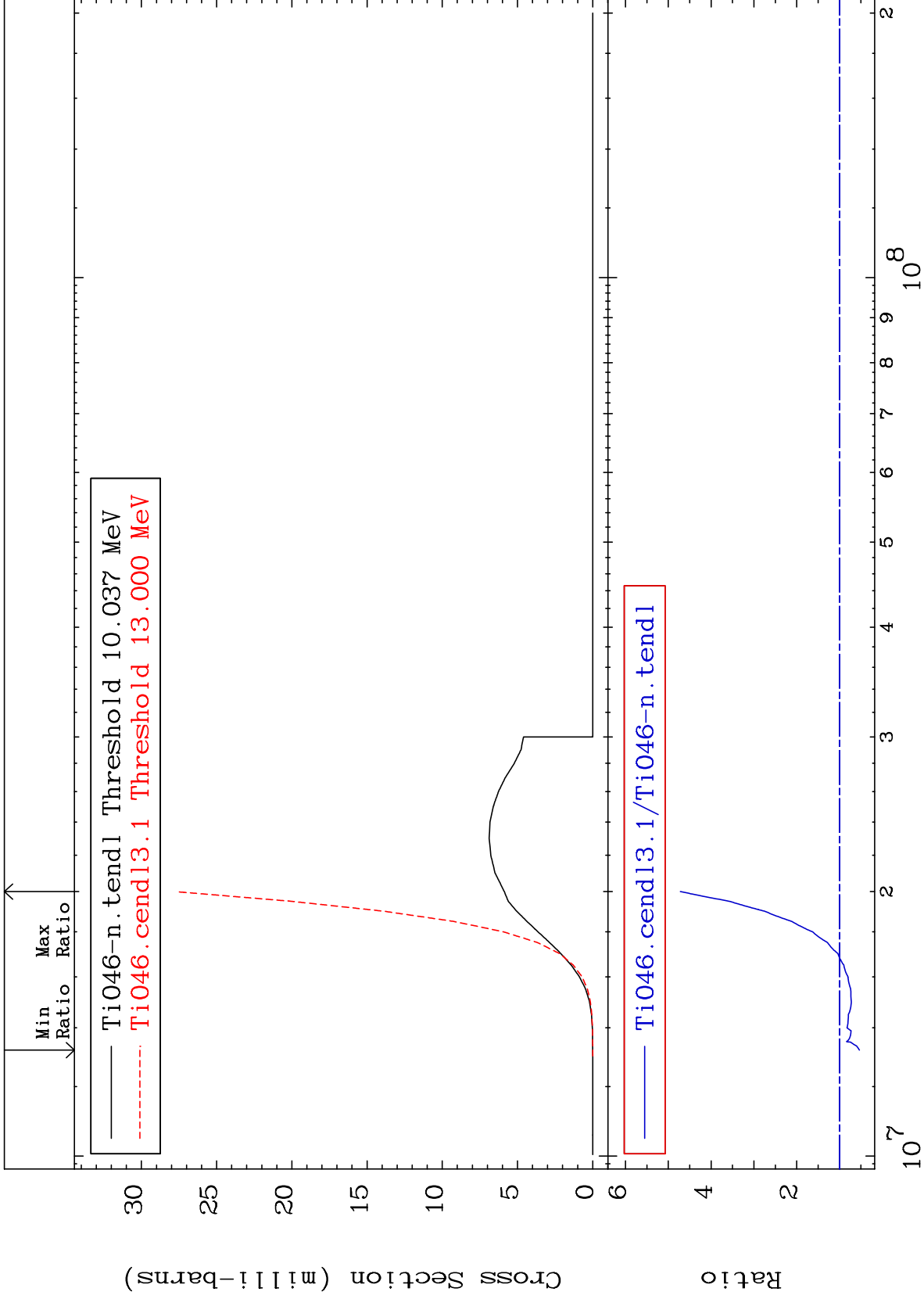
$^{22}\text{Ti-46}$

Incident Energy (eV)

MAT 2225

(n,2p)
Cross Section

²²Ti-46
-46.44 To 371.8 %



19

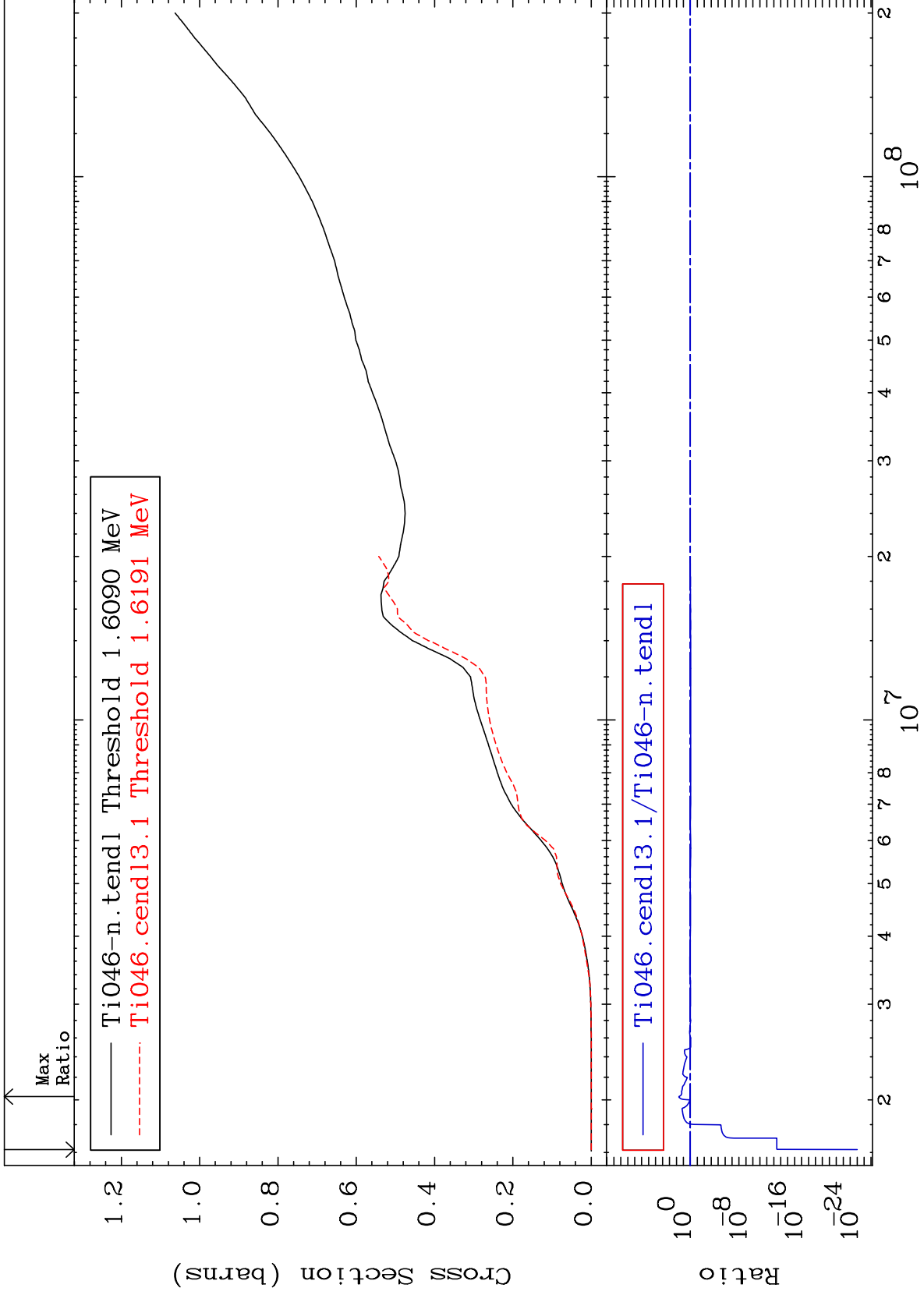
Incident Energy (eV)

²²Ti-46

MAT 2225

Hydrogen Production
Cross Section

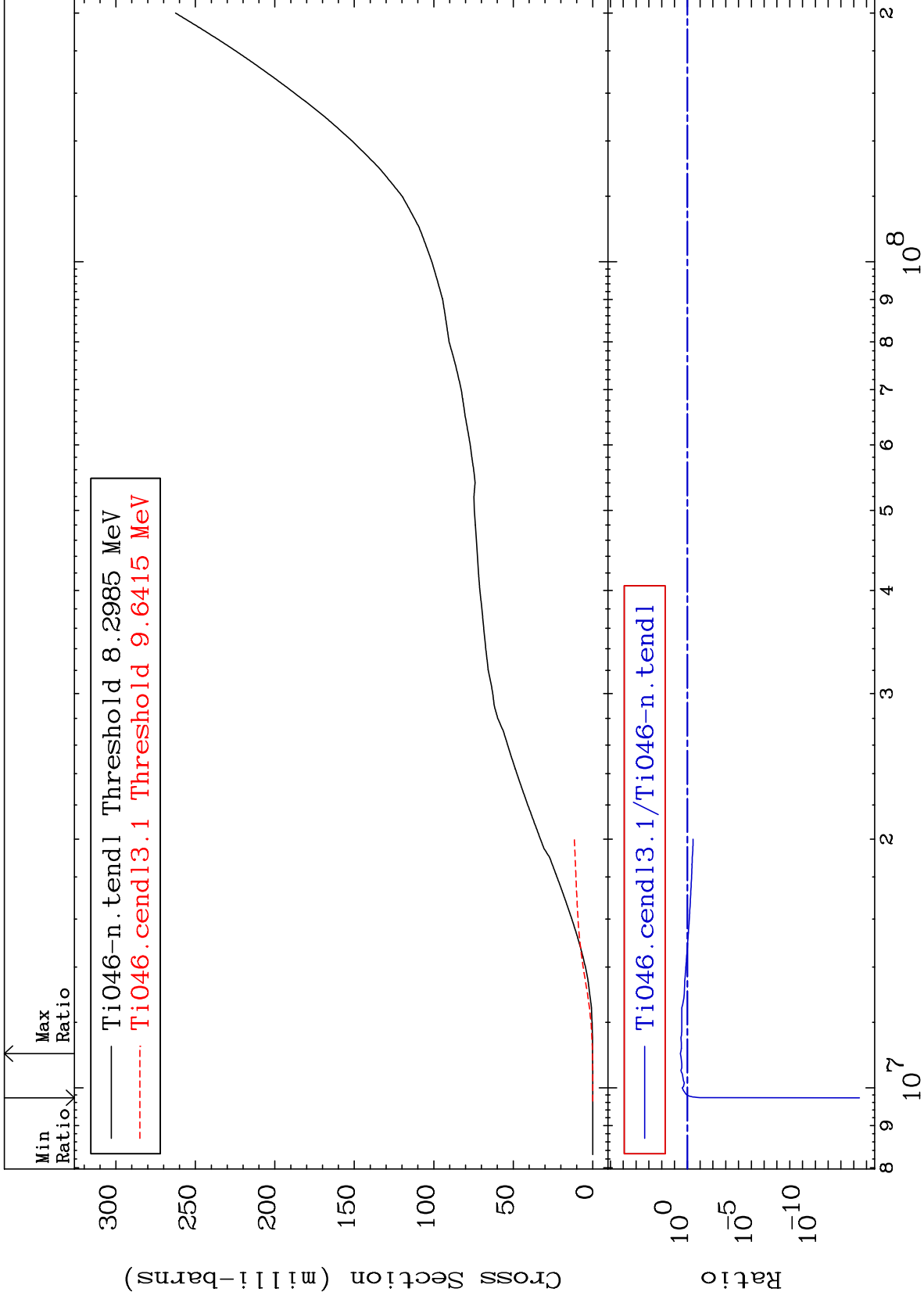
22-Ti-46
-100.0 To 4699. %



MAT 2225

Deuterium Production
Cross Section

²²Ti-46
-100.0 To 248.4 %



21

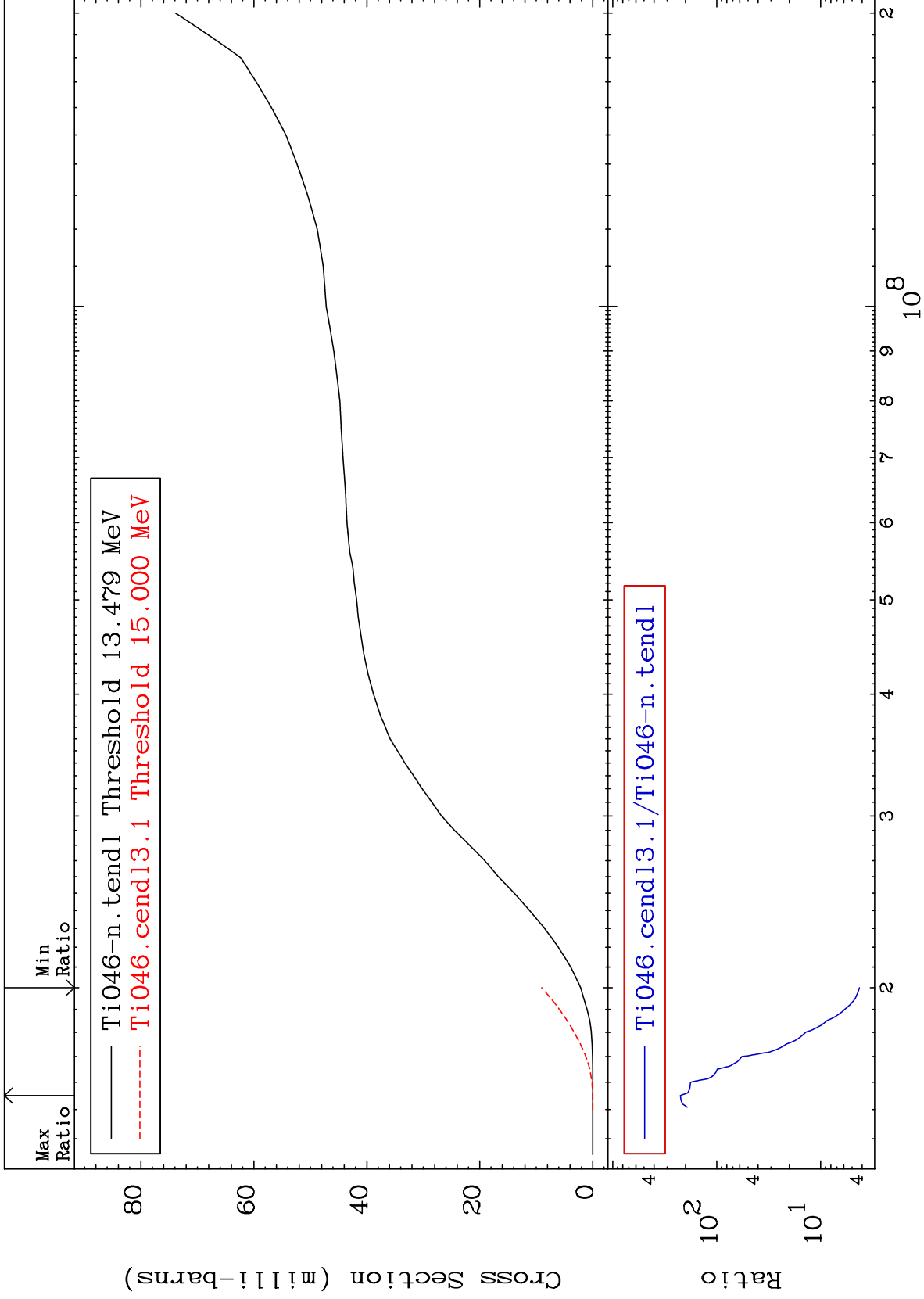
Incident Energy (eV)

²²Ti-46

MAT 2225

Tritium Production
Cross Section

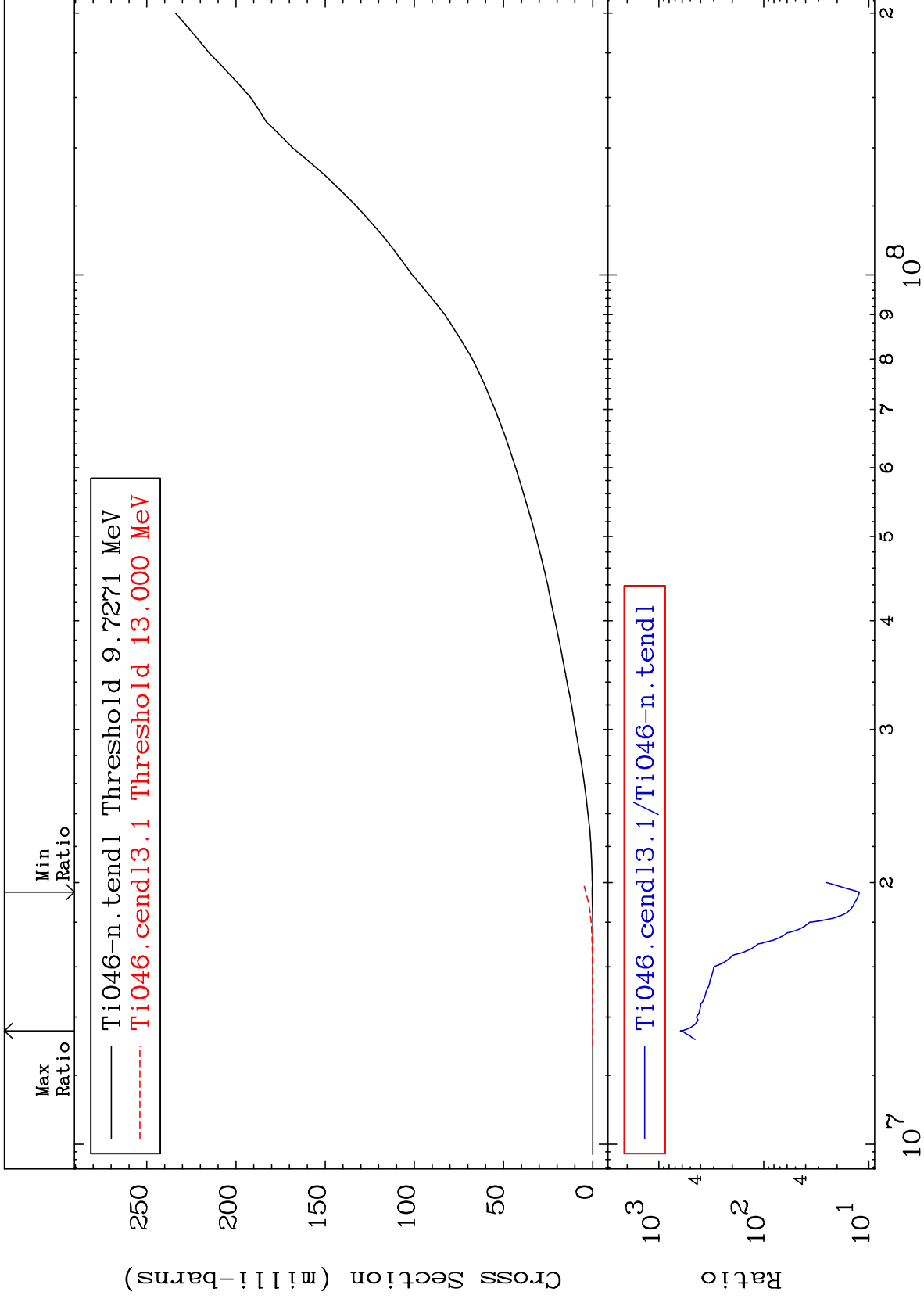
²²Ti-46
324.4 To 9999. %



MAT 2225

He-3 Production
Cross Section

22-Ti-46
1126. To 9999. %



23

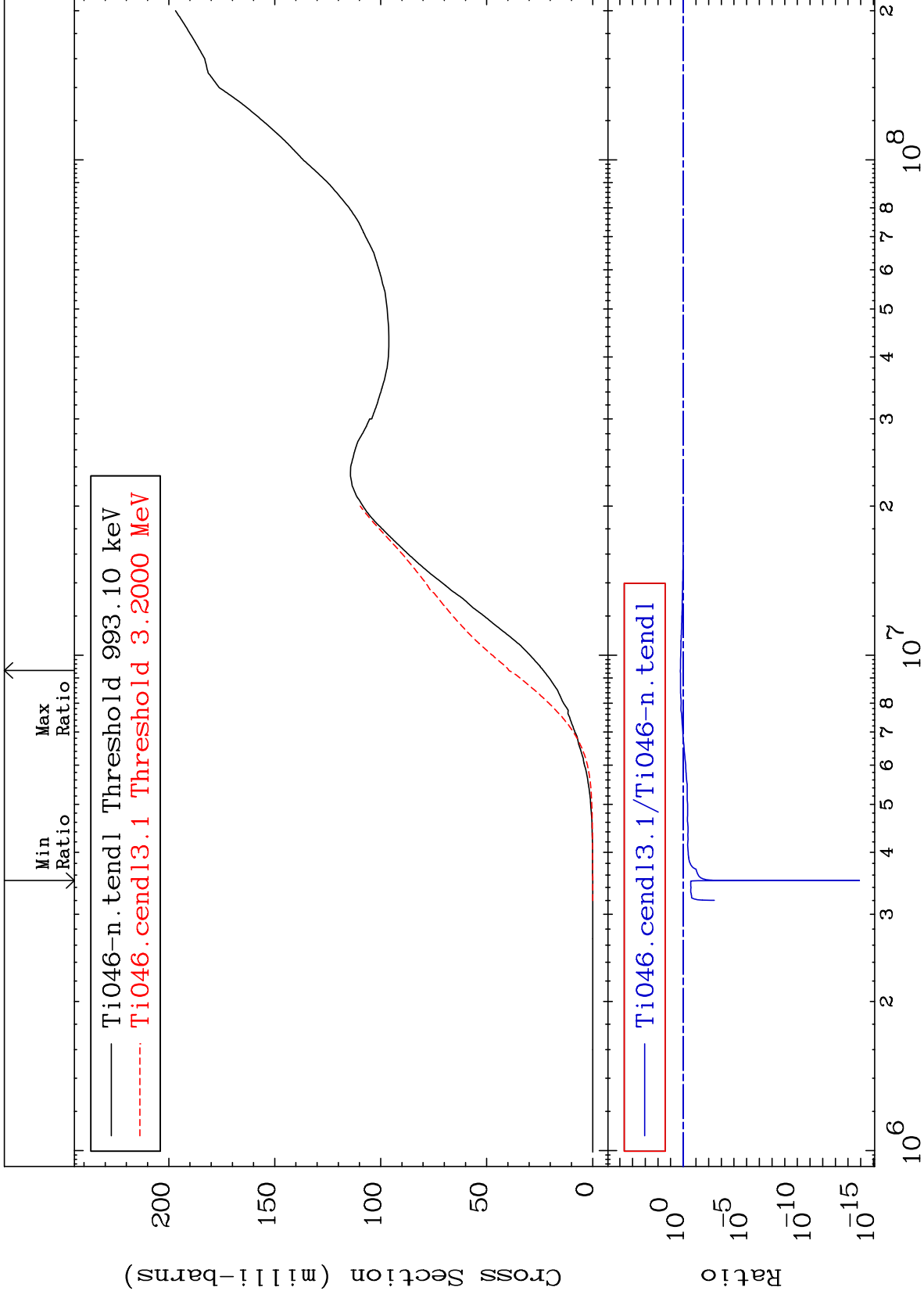
Incident Energy (eV)

22-Ti-46

MAT 2225

He-4 Production
Cross Section

²²Ti-46
-100.0 To 69.66 %



24

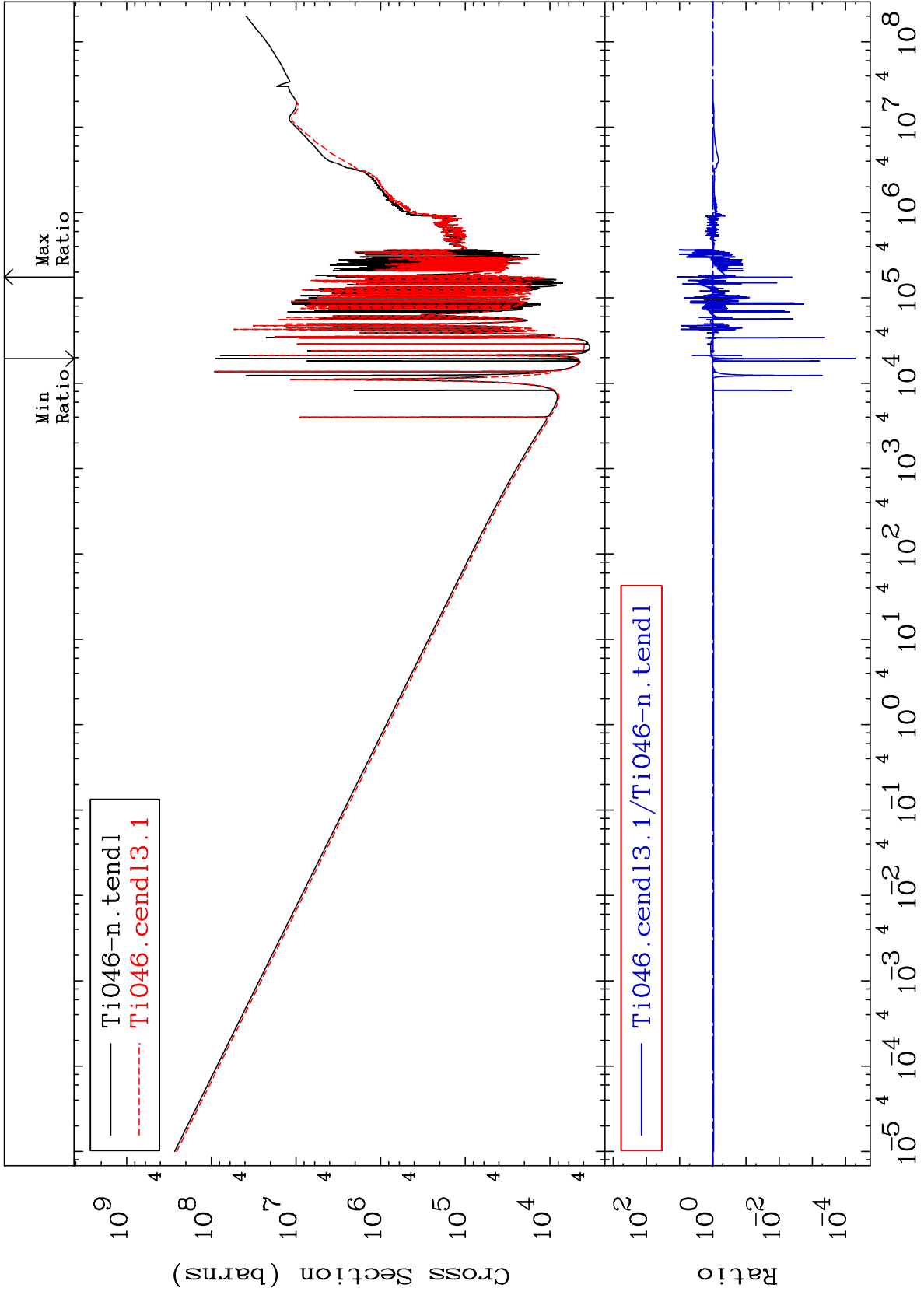
Incident Energy (eV)

²²Ti-46

MAT 2225

Kerma total (eV-barns)
Cross Section

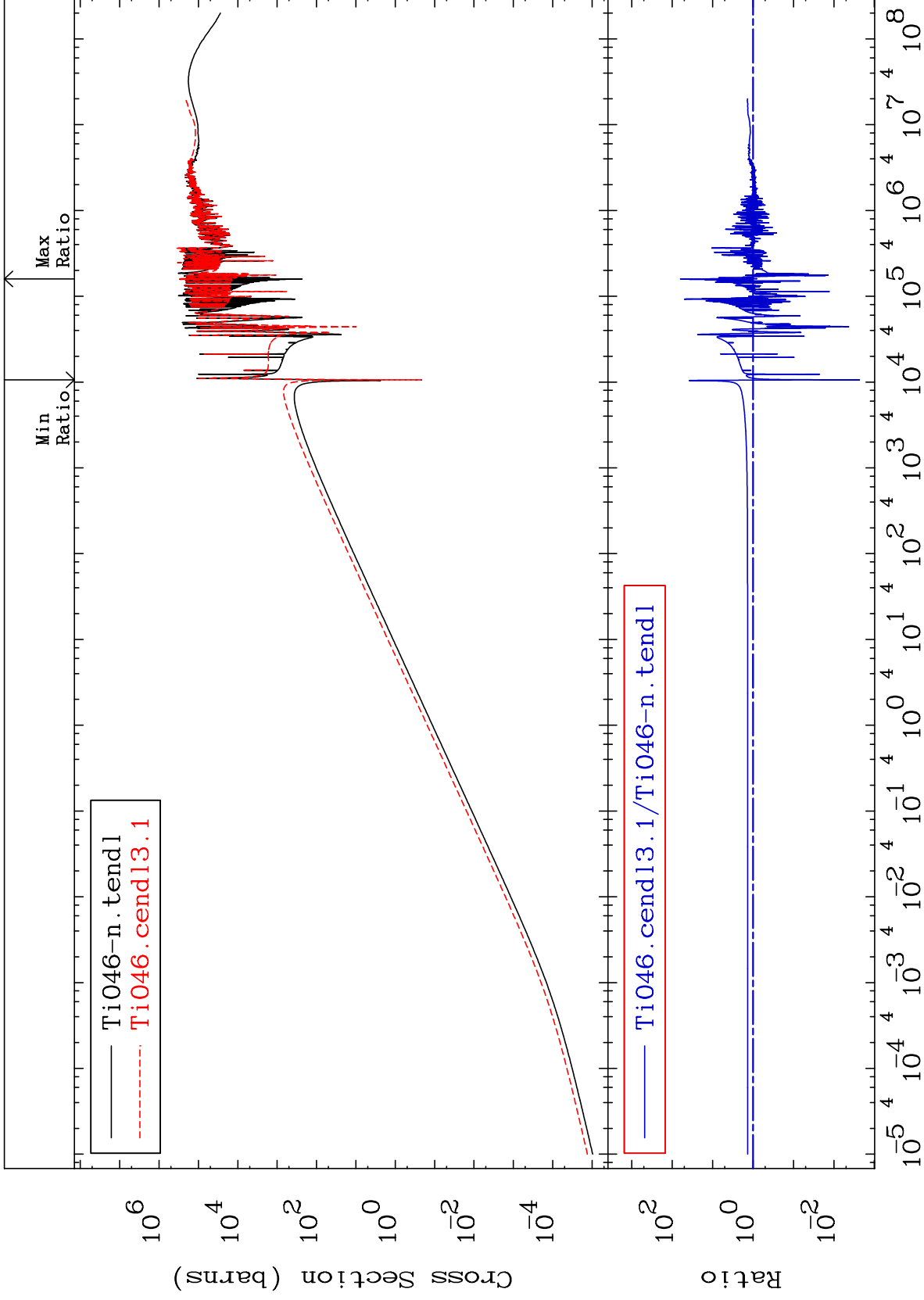
22-Ti-46
-99.99 To 1101. %

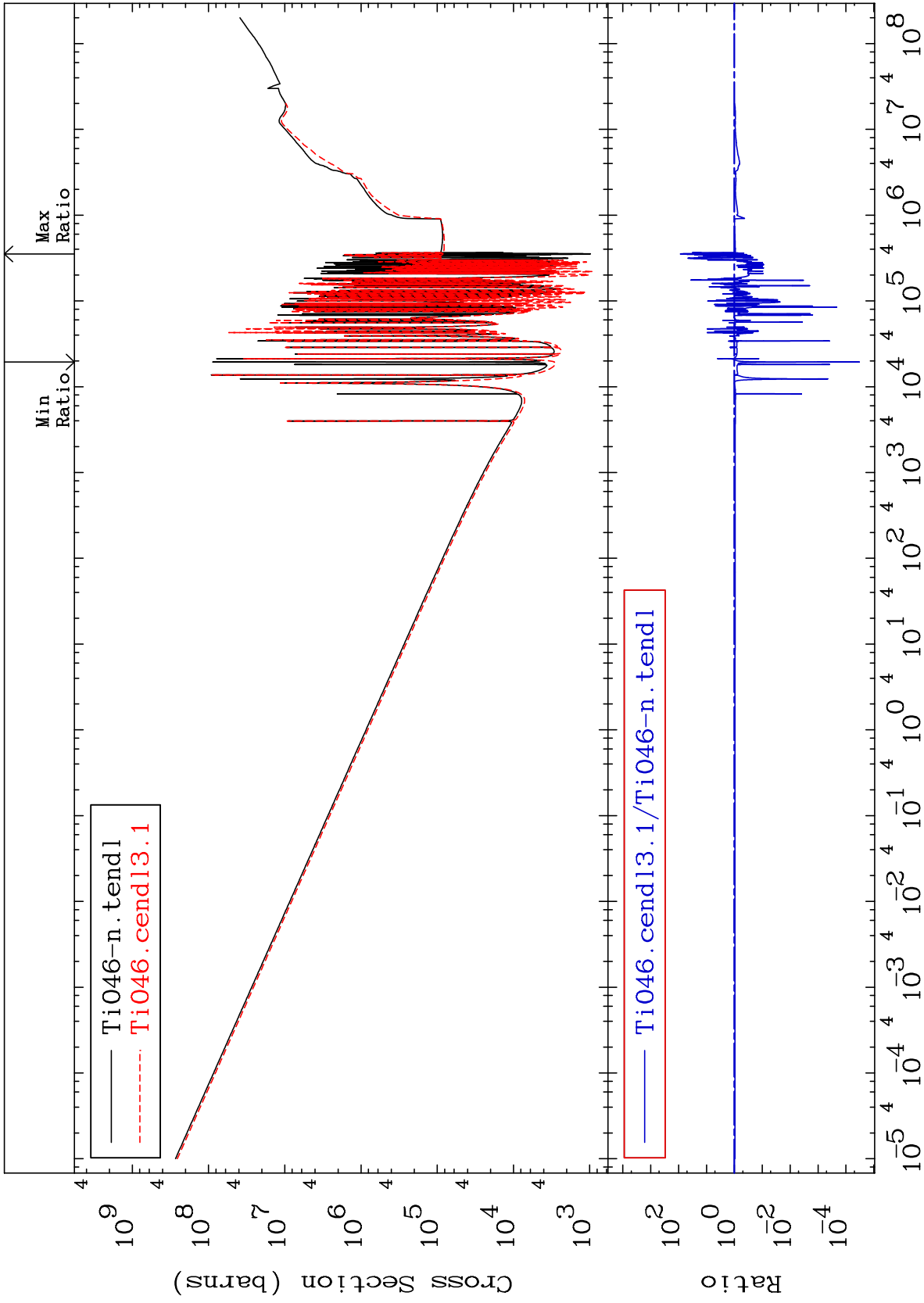


25

Incident Energy (eV)

22-Ti-46

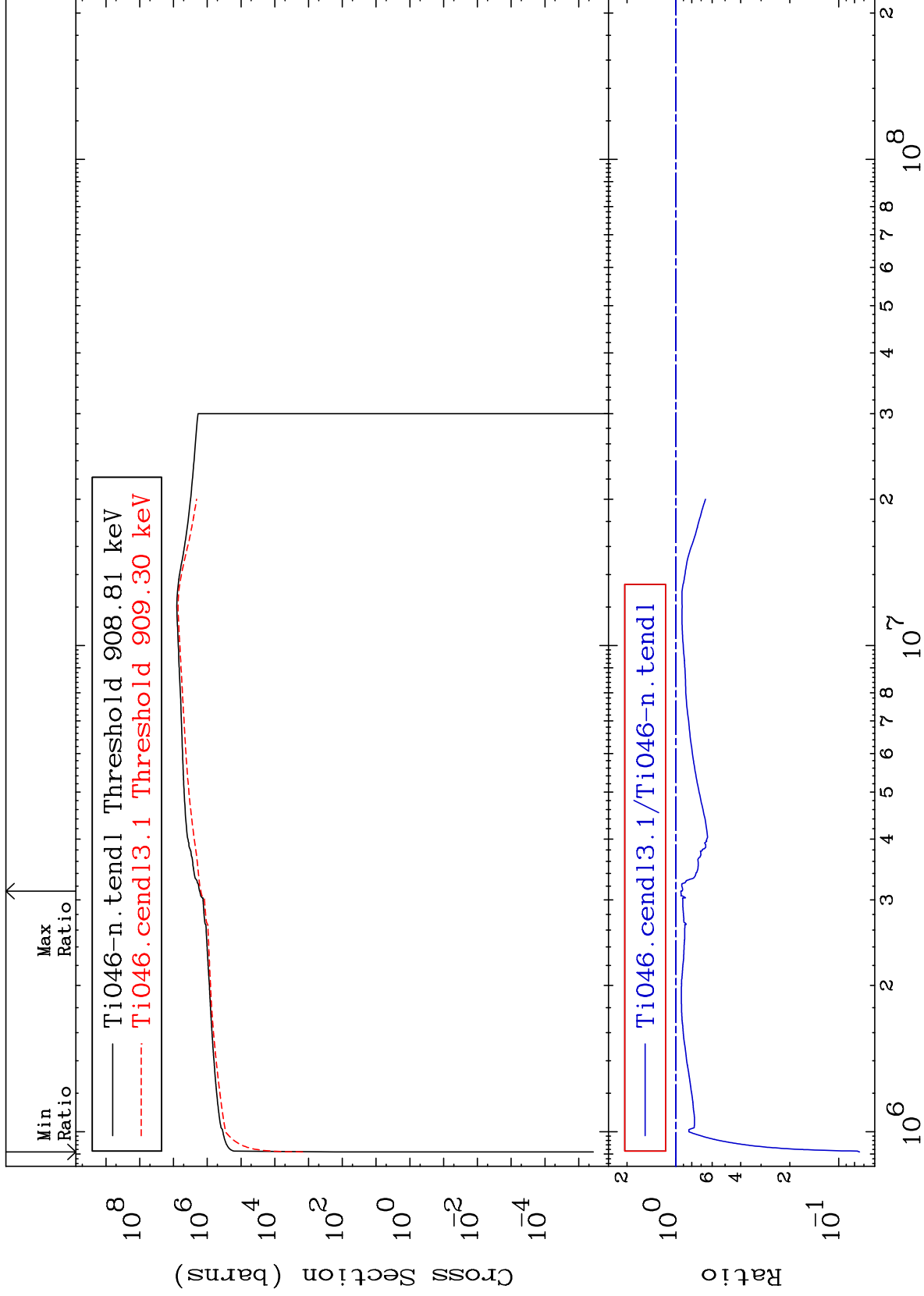




MAT 2225

Kerma inelastic (mt51-91)
Cross Section

22-Ti-46
-92.55 To -6.576%



28

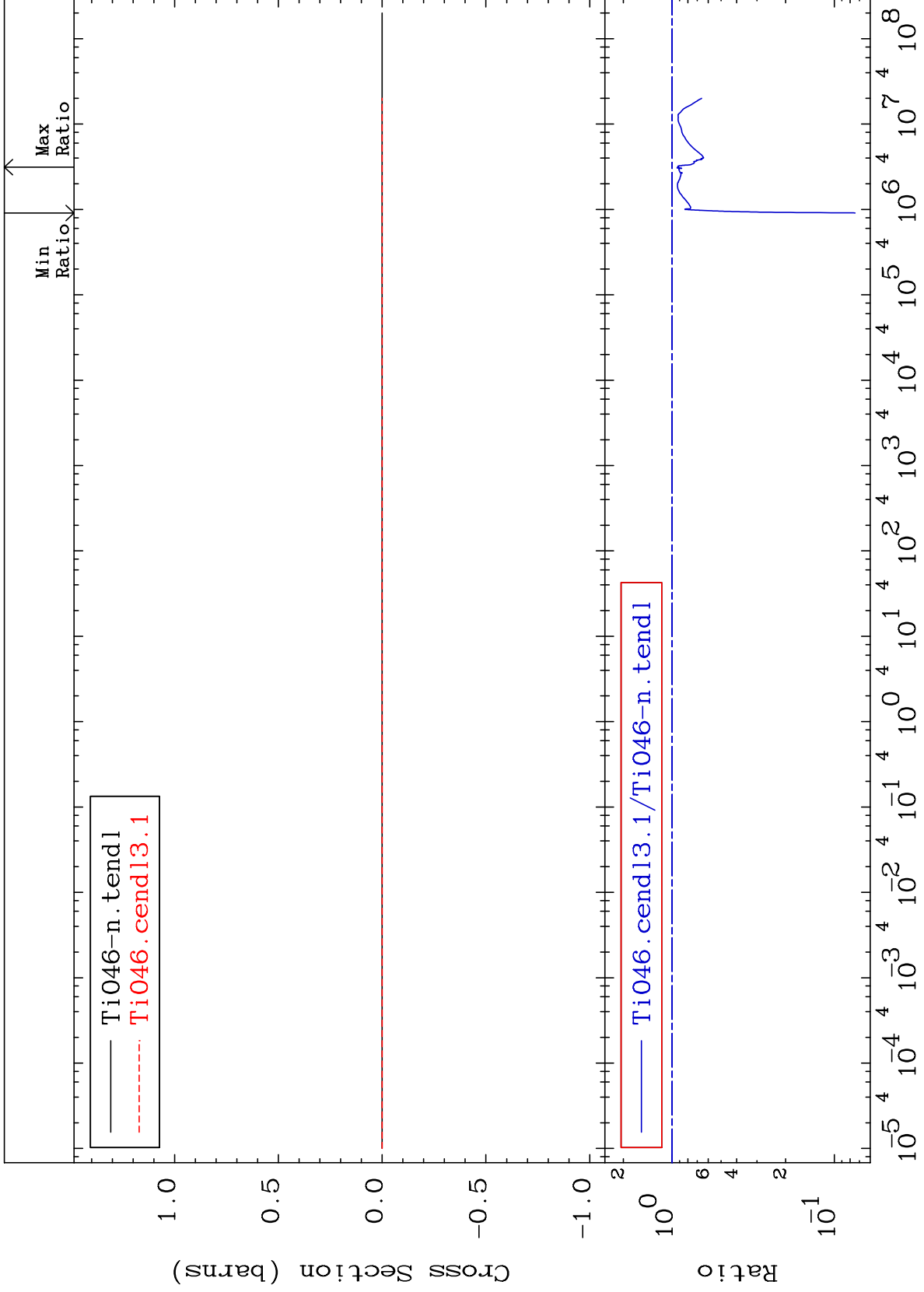
Incident Energy (eV)

22-Ti-46

MAT 2225

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

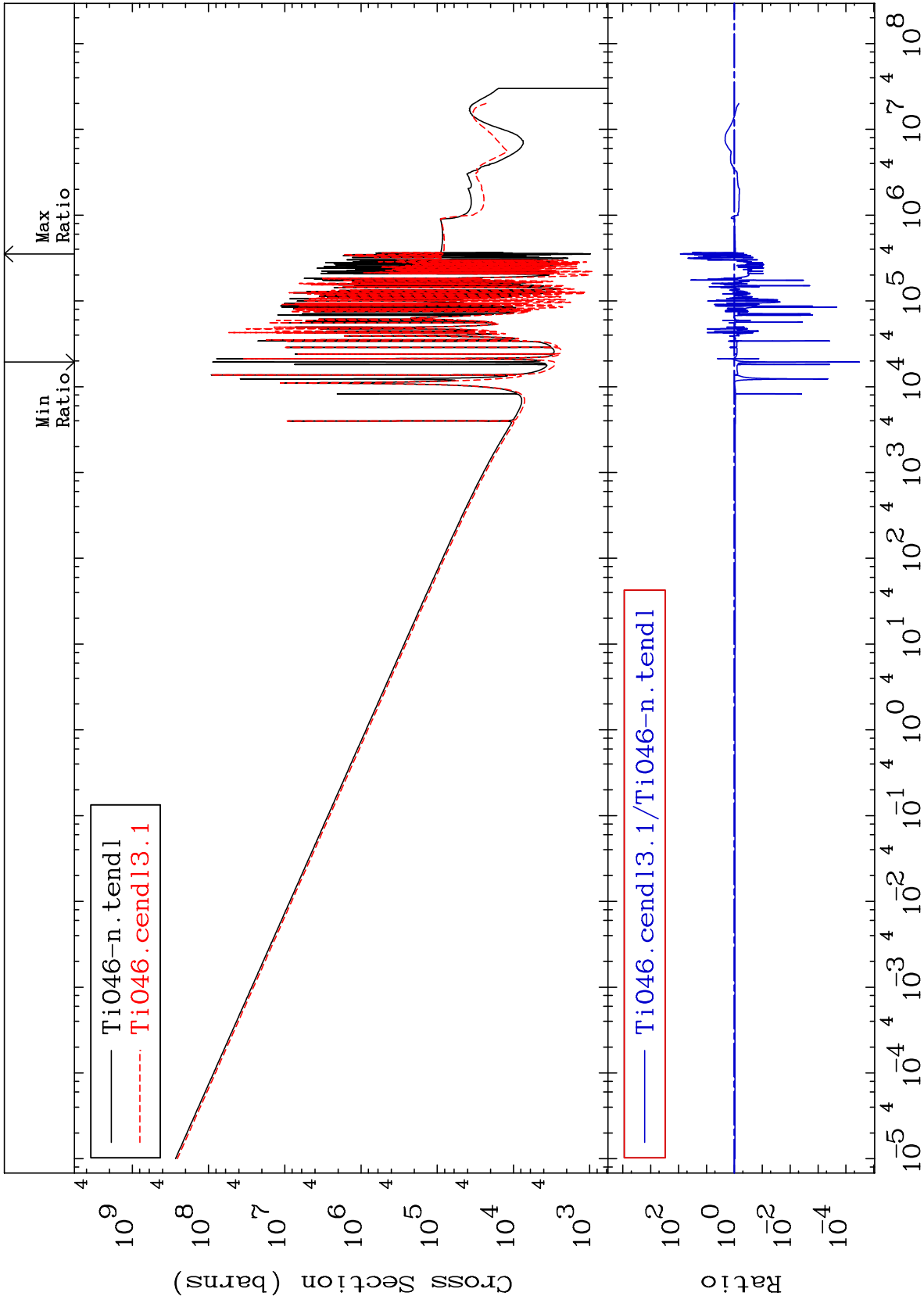
22-Ti-46
-92.55 To -6.576%



MAT 2225

Kerma capture (mt102)
Cross Section

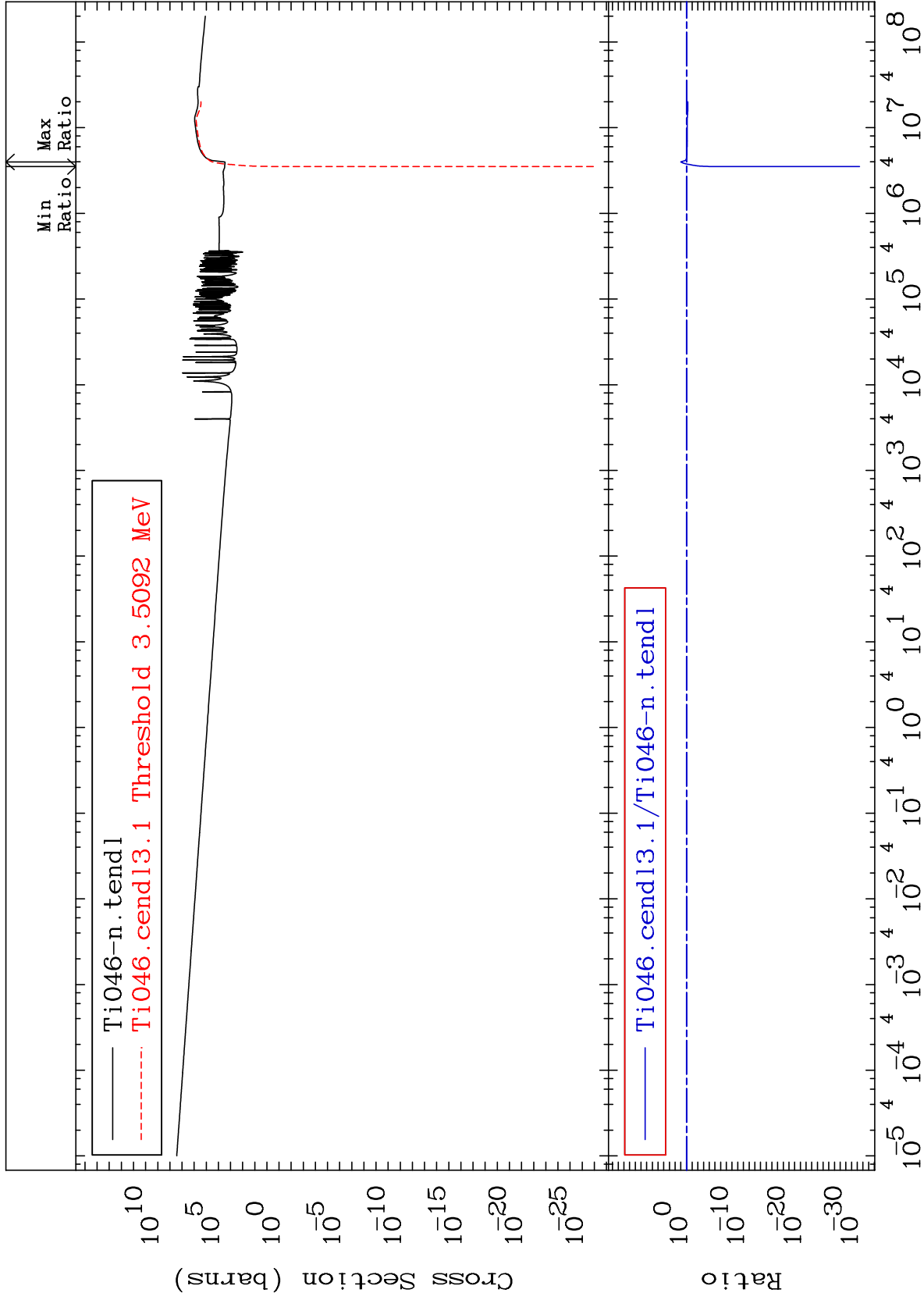
22-Ti-46
-100.0 To 8551. %



30

Incident Energy (eV)

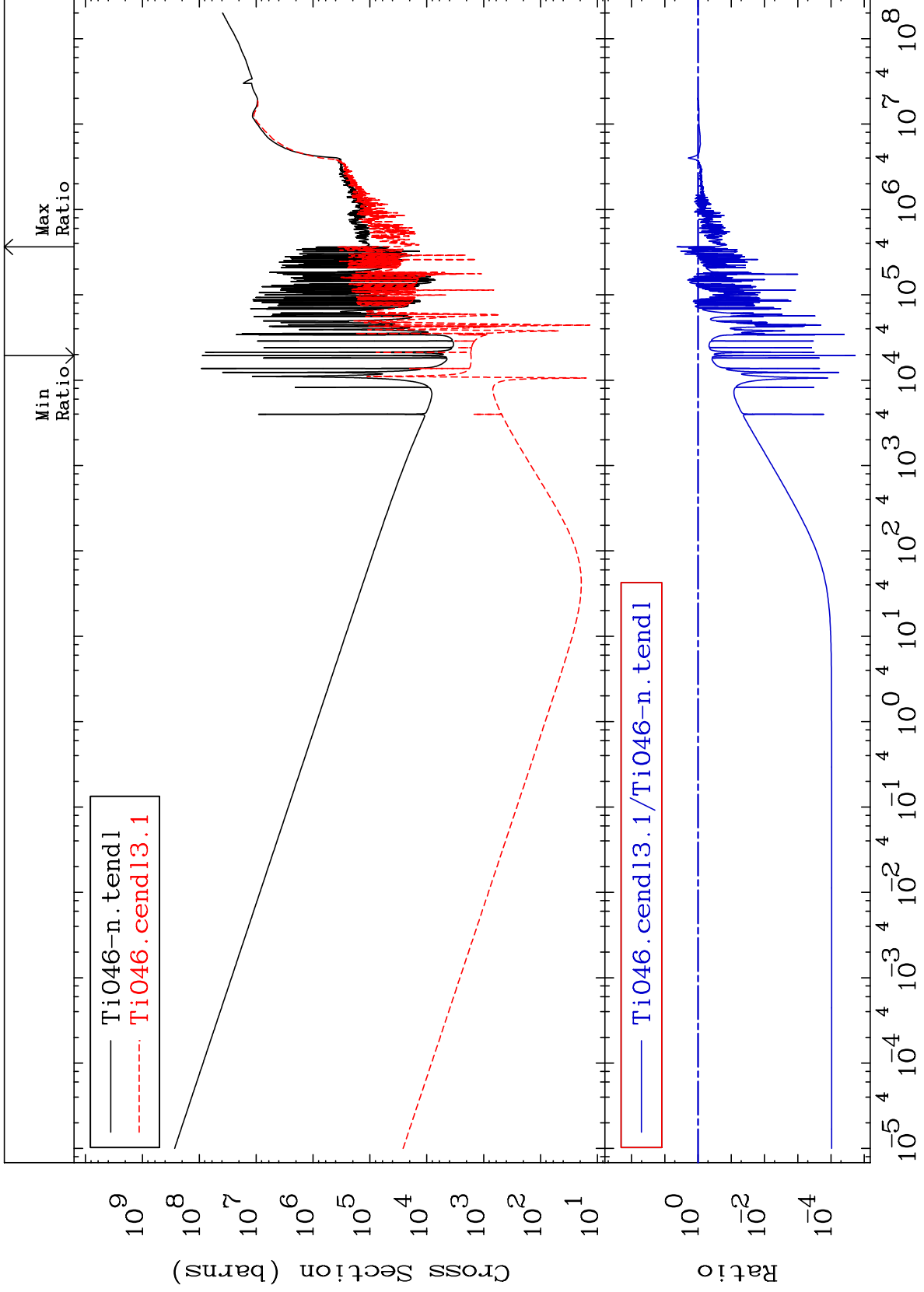
22-Ti-46

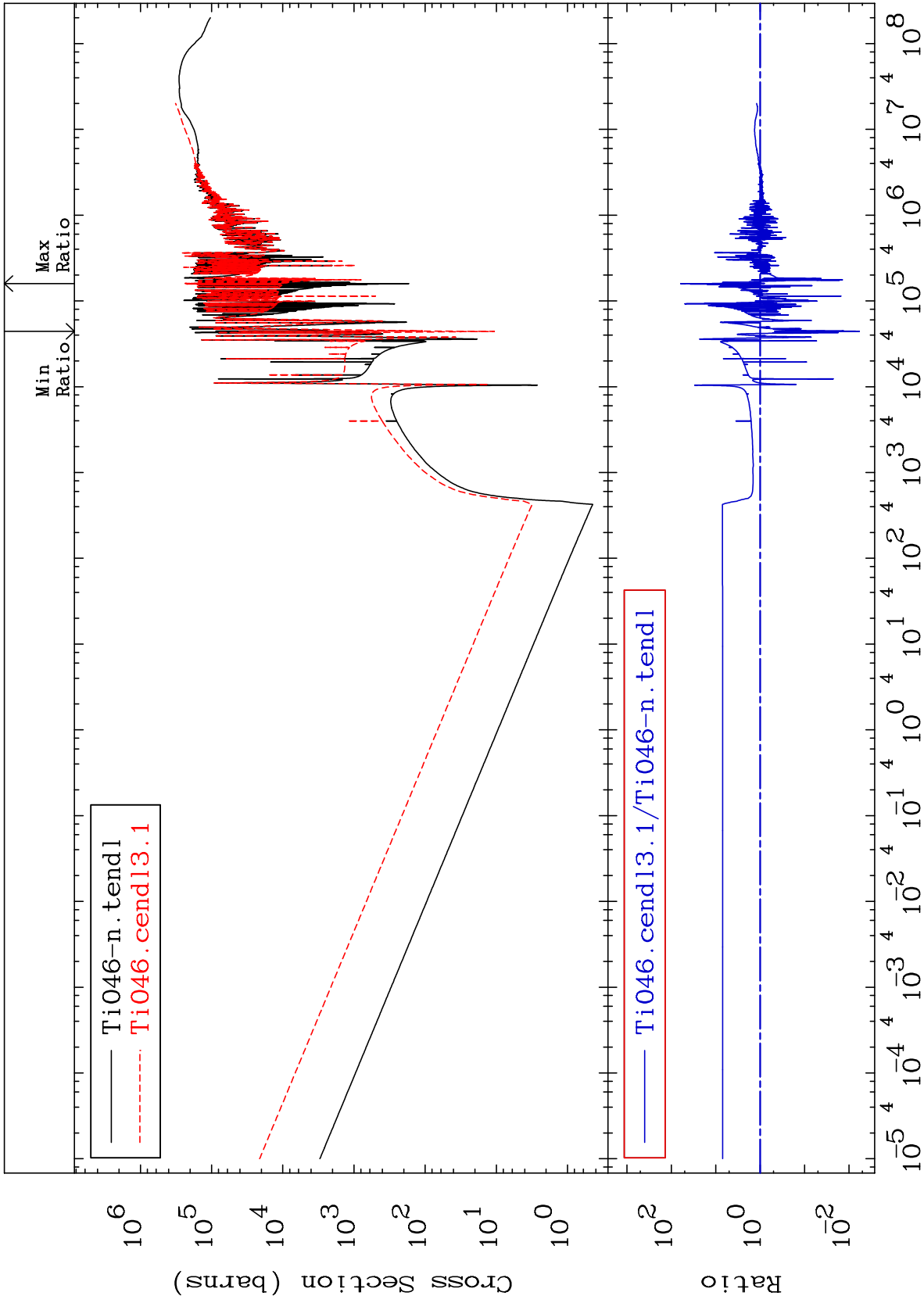


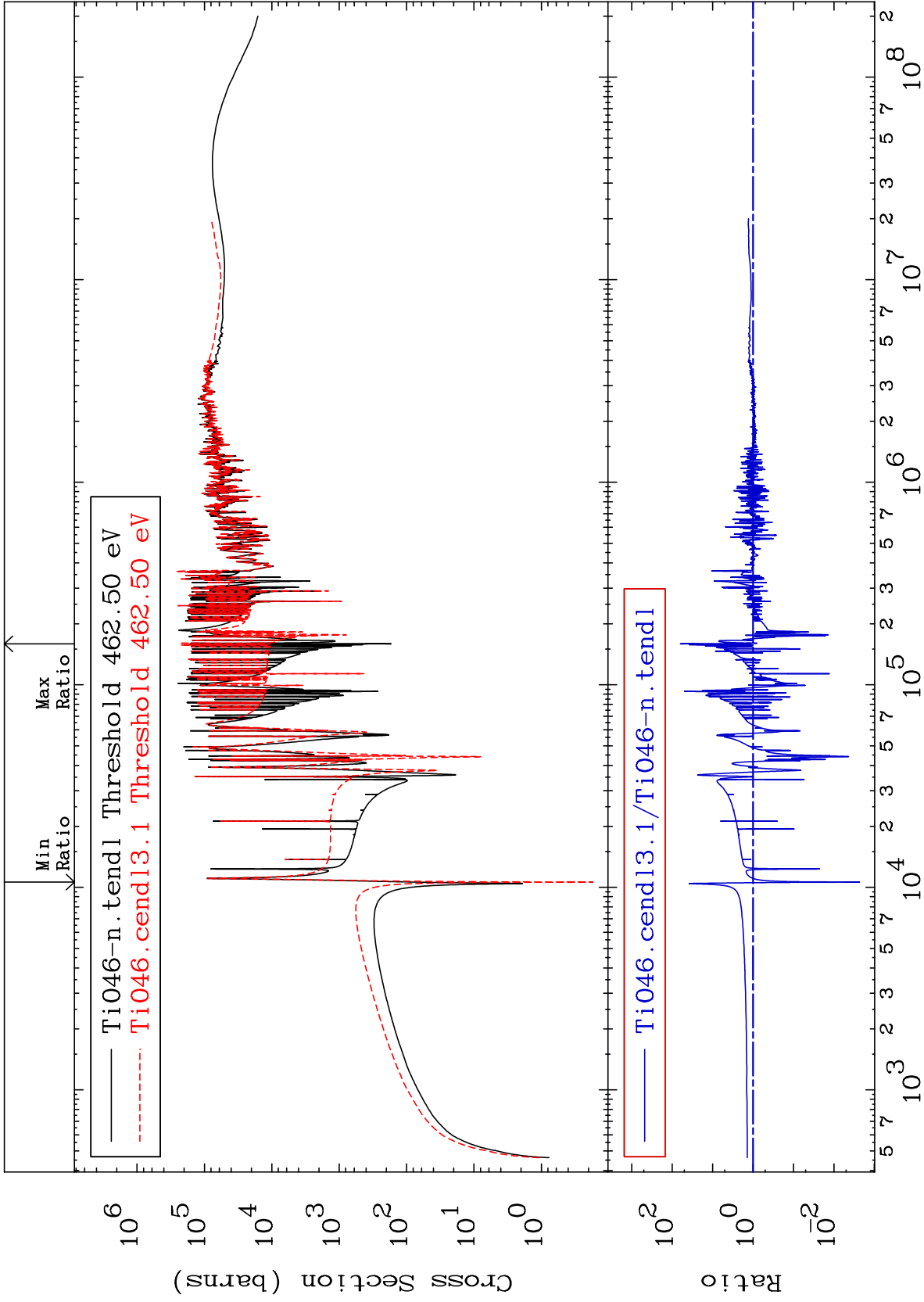
MAT 2225

Total kinematic kerma (high limit)
Cross Section

22-Ti-46
-100.0 To 331.0 %



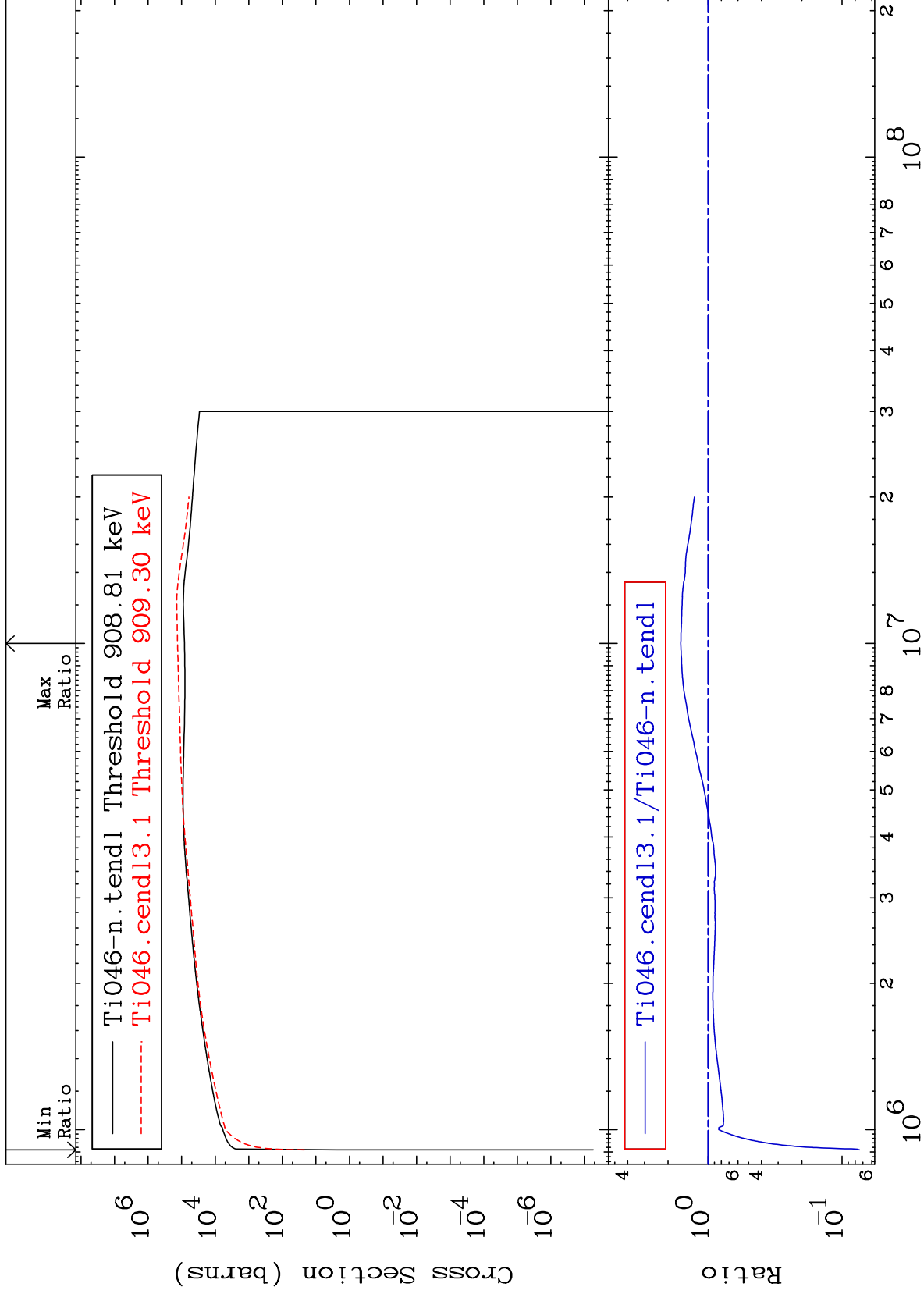




MAT 2225

Dpa inelastic (mt51-91)
Cross Section

22-Ti-46
-92.59 To 60.47 %



35

22-Ti-46

22-Ti-46

MAT 2225

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-46
-99.96 To 9999. %

