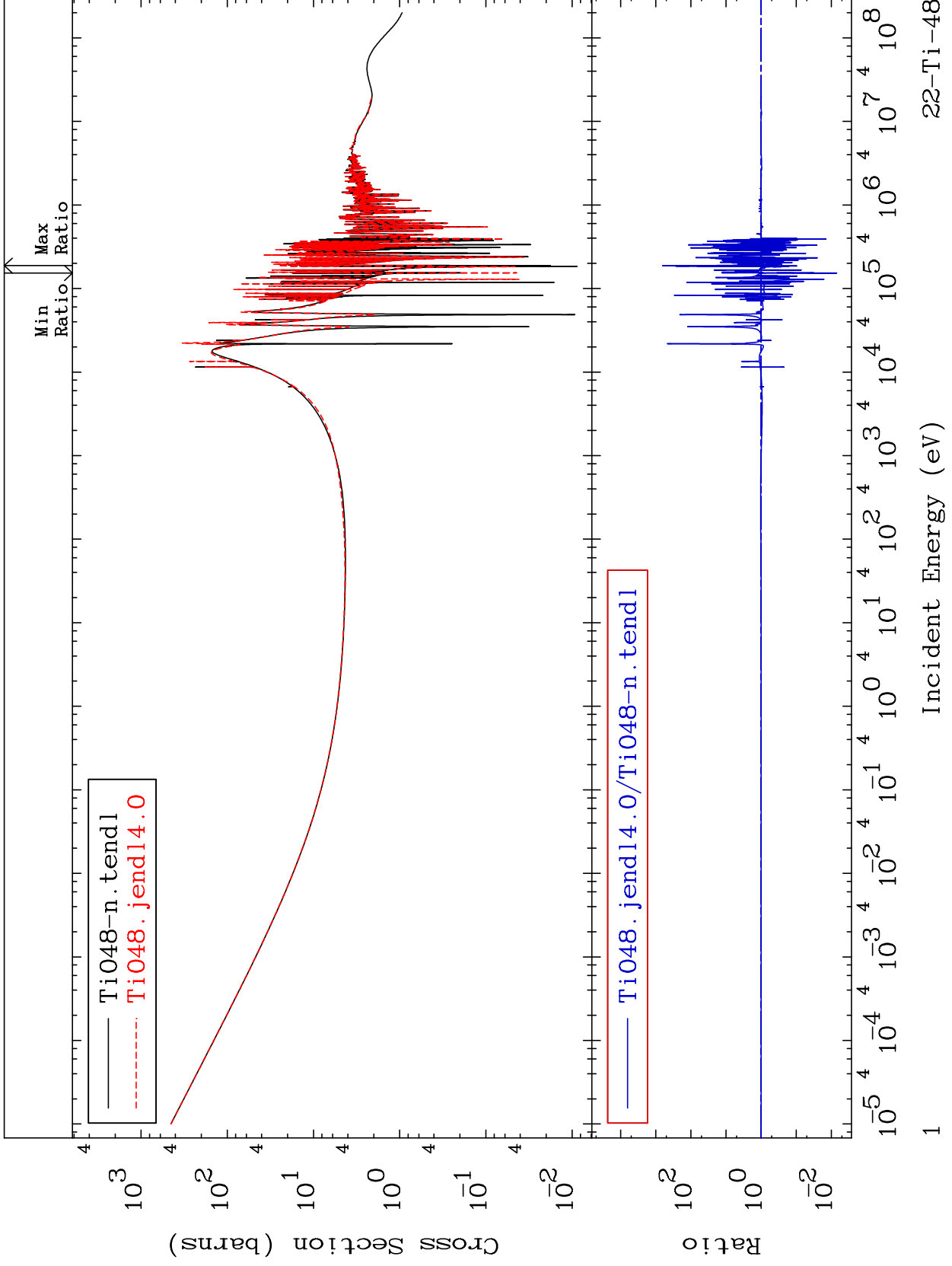


MAT 2231

Total
Cross Section

22-Ti-48
-99.29 To 9999. %



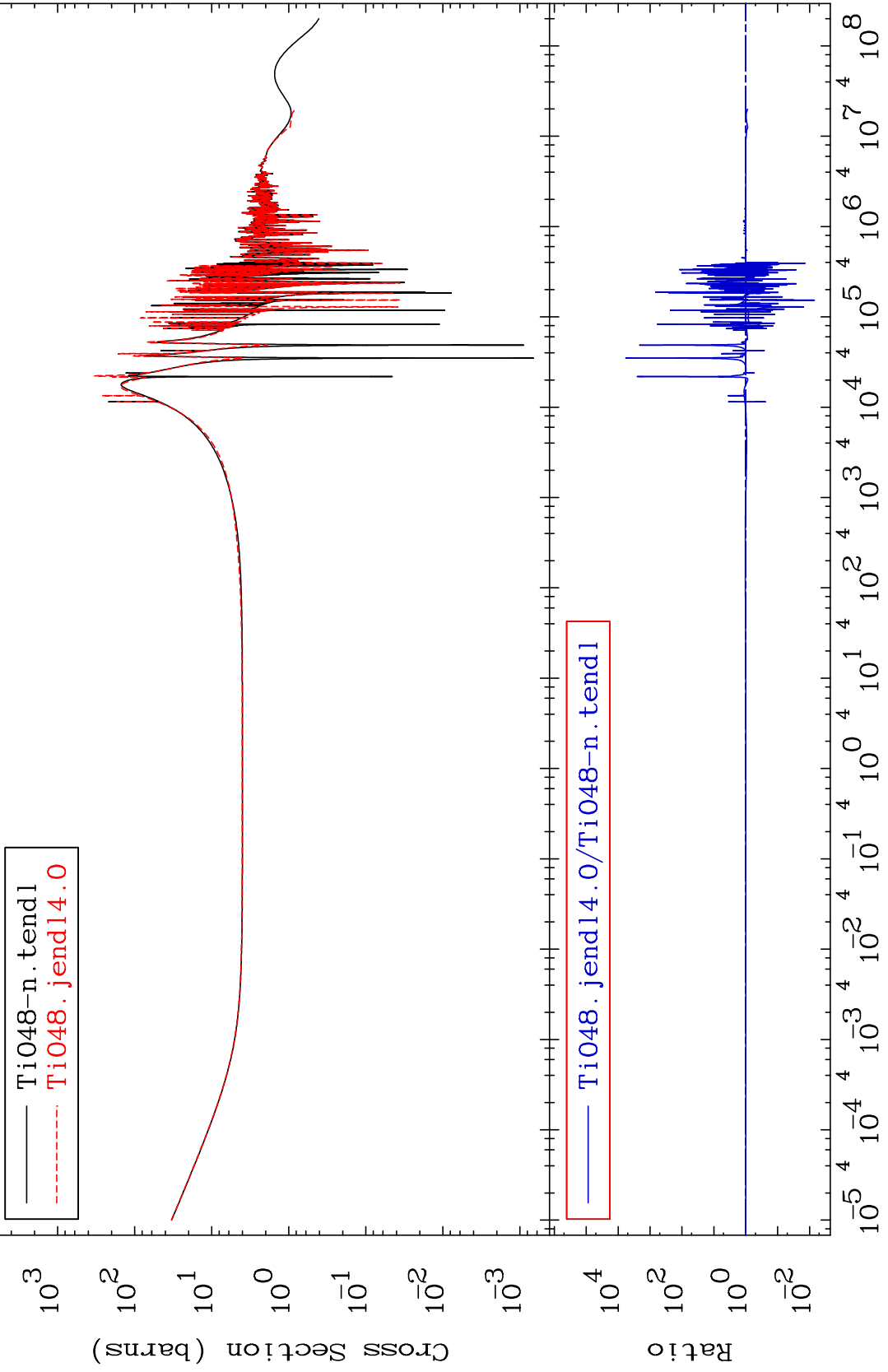
22-Ti-48

Incident Energy (eV)

MAT 2231

Elastic
Cross Section

22-Ti-48
-99.29 To 9999. %



Incident Energy (eV)

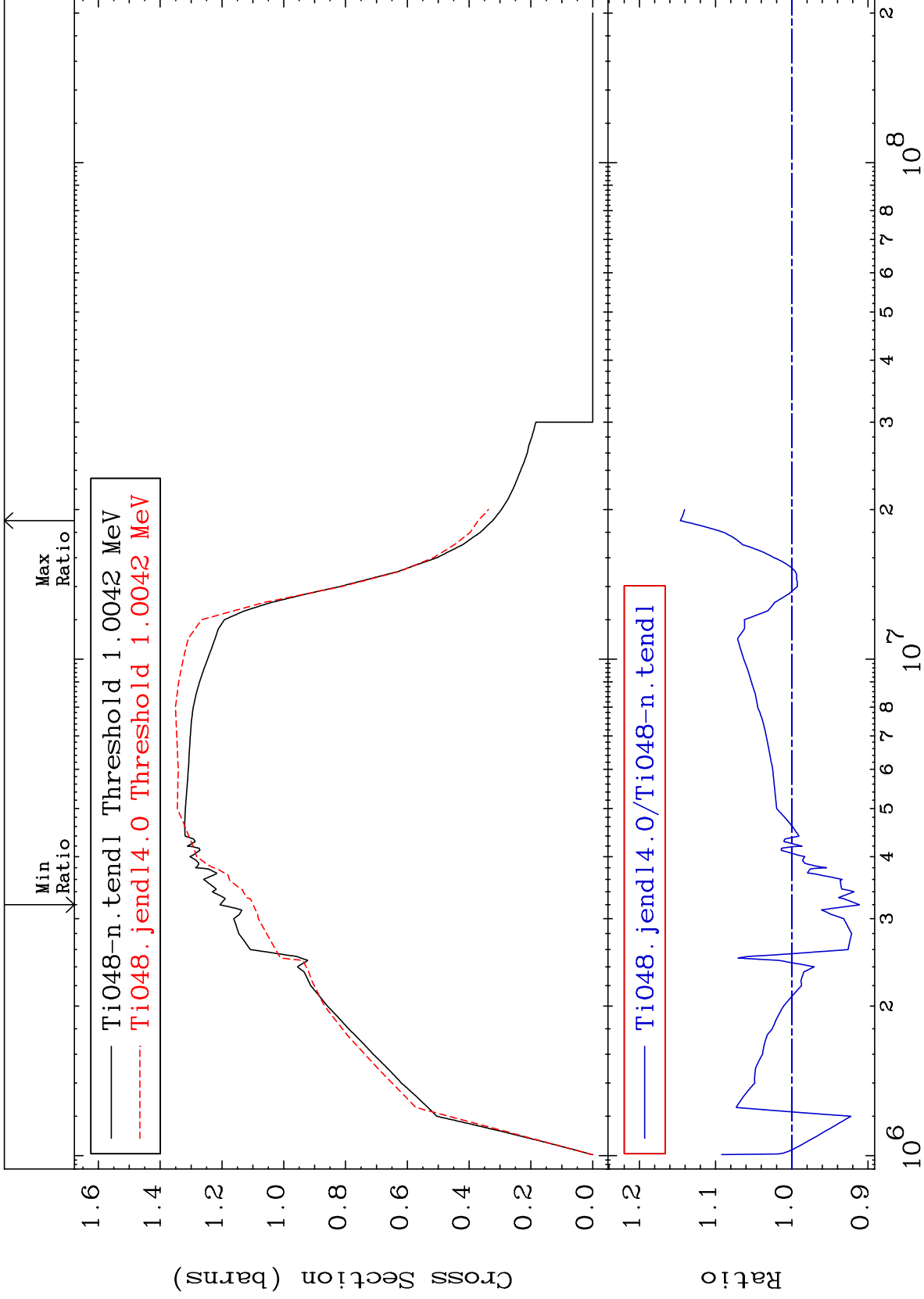
22-Ti-48

2

MAT 2231

Inelastic
Cross Section

²²Ti-48
-8.884 To 14.63 %



Incident Energy (eV)

²²Ti-48

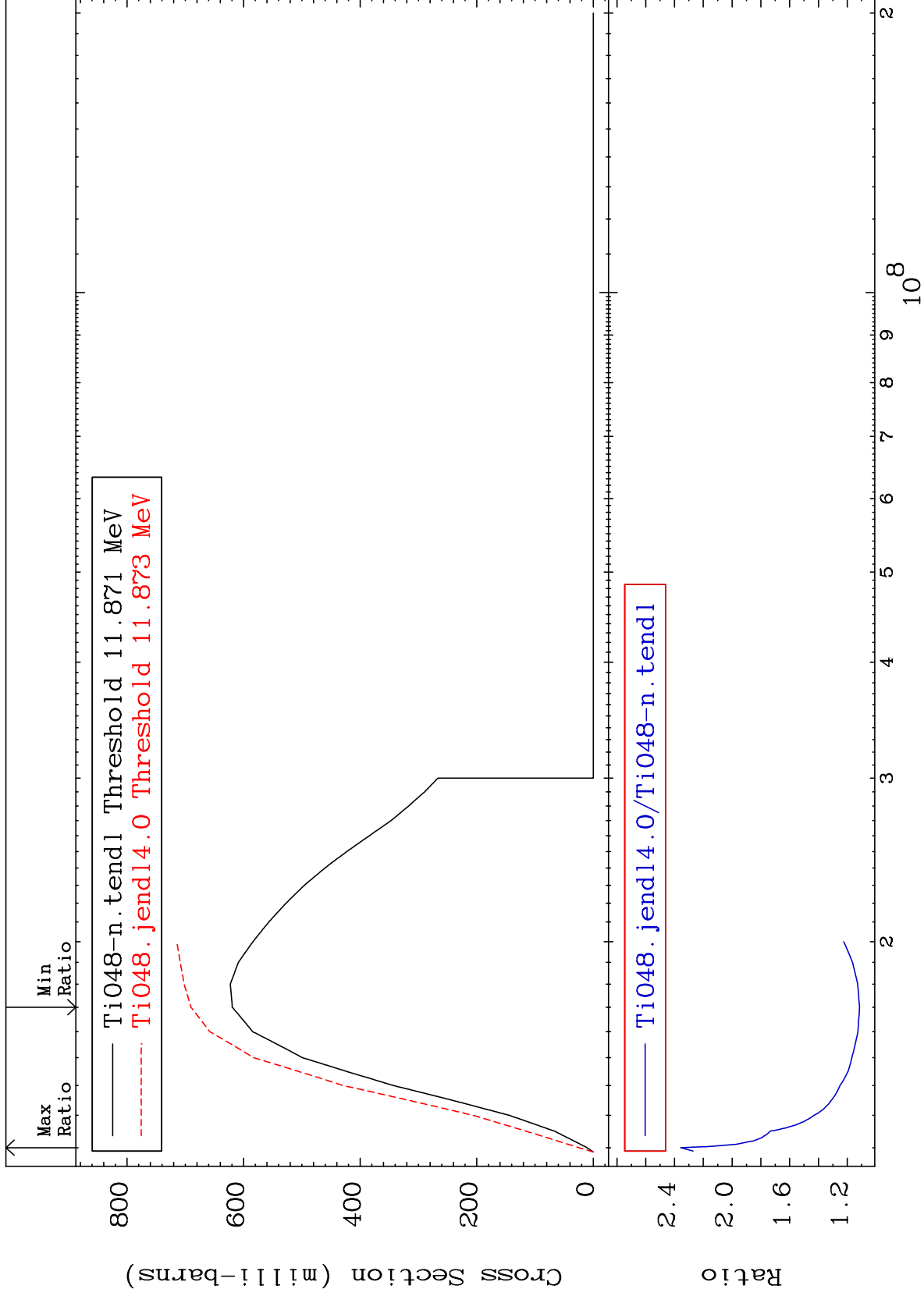
MAT 2231

(n,2n)

22-Ti-48

Cross Section

11.45 To 135.7 %



Incident Energy (eV)

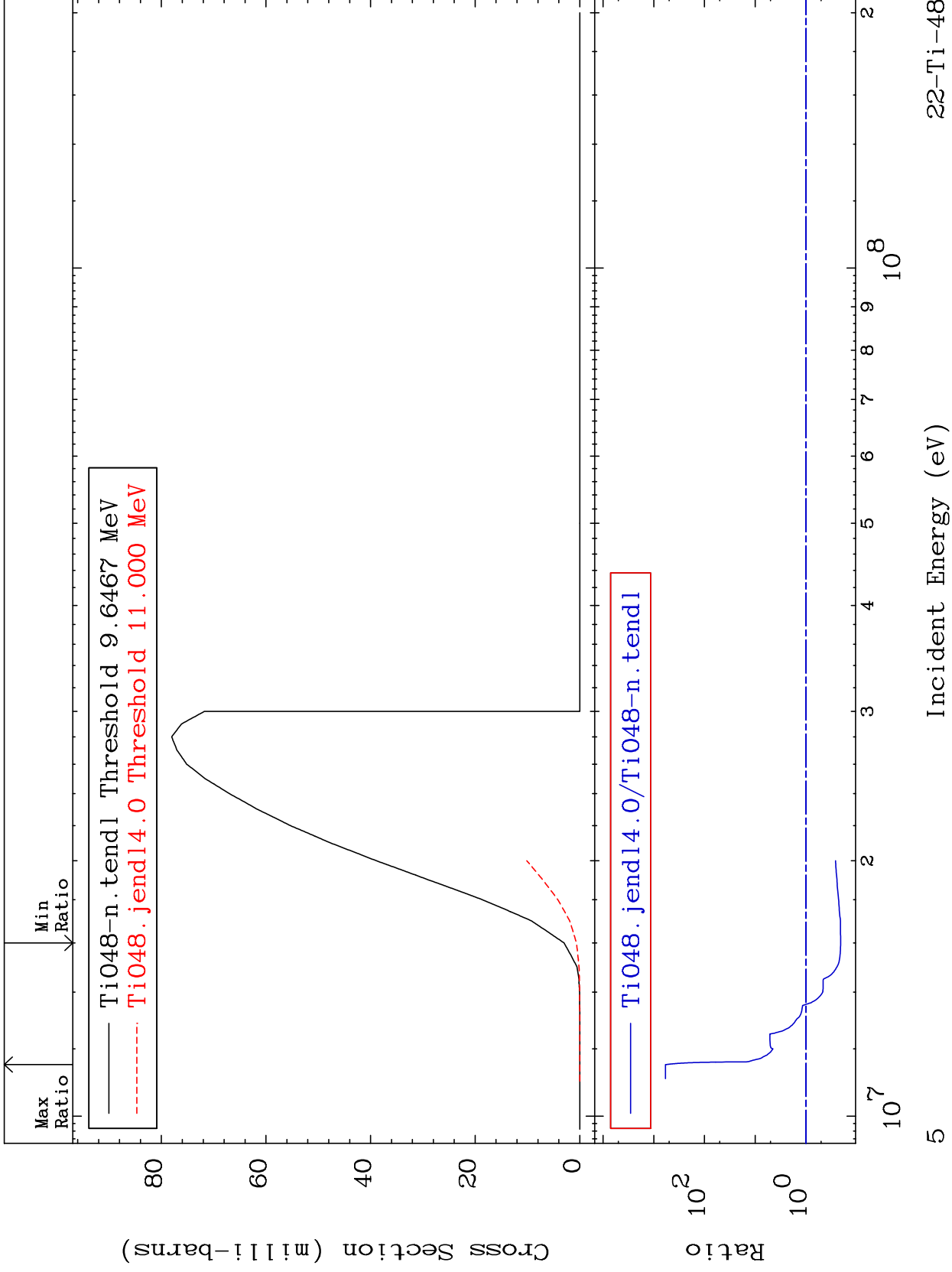
22-Ti-48

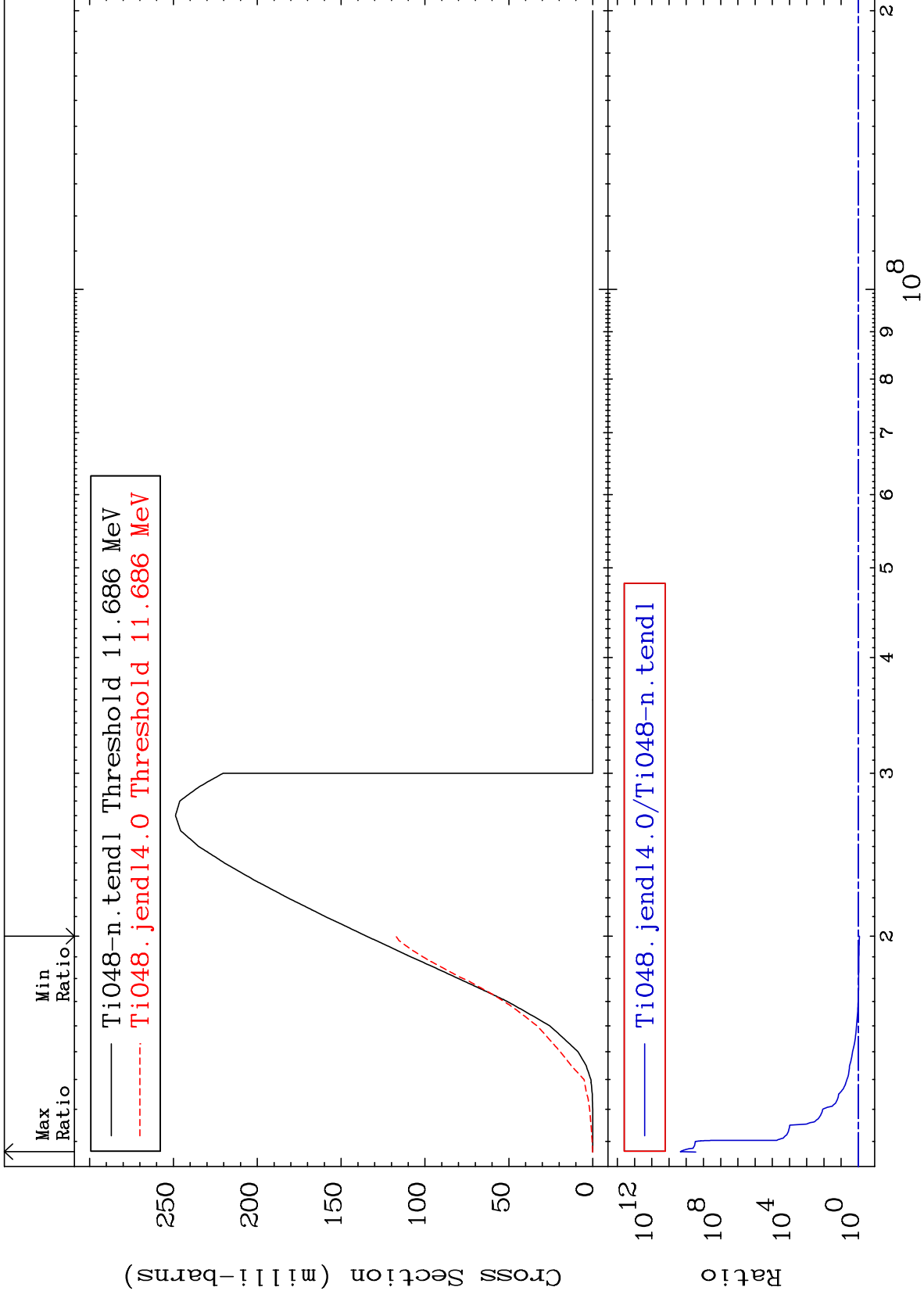
4

MAT 2231

(n,n') α
Cross Section

22-Ti-48
-79.37 To 9999. %

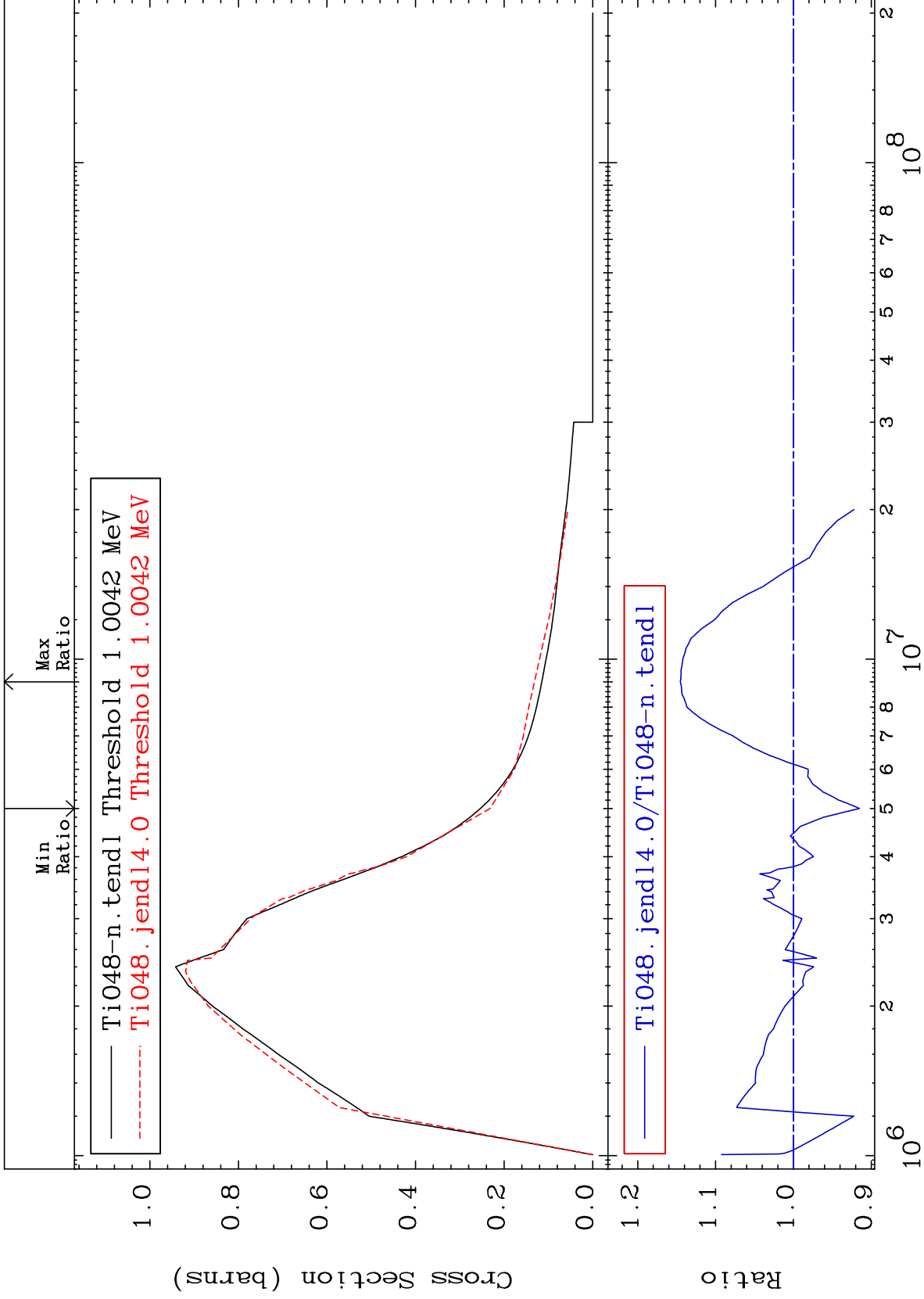




MAT 2231

983.5 keV (n,n') Level
Cross Section

22-Ti-48
-8.486 To 14.52 %

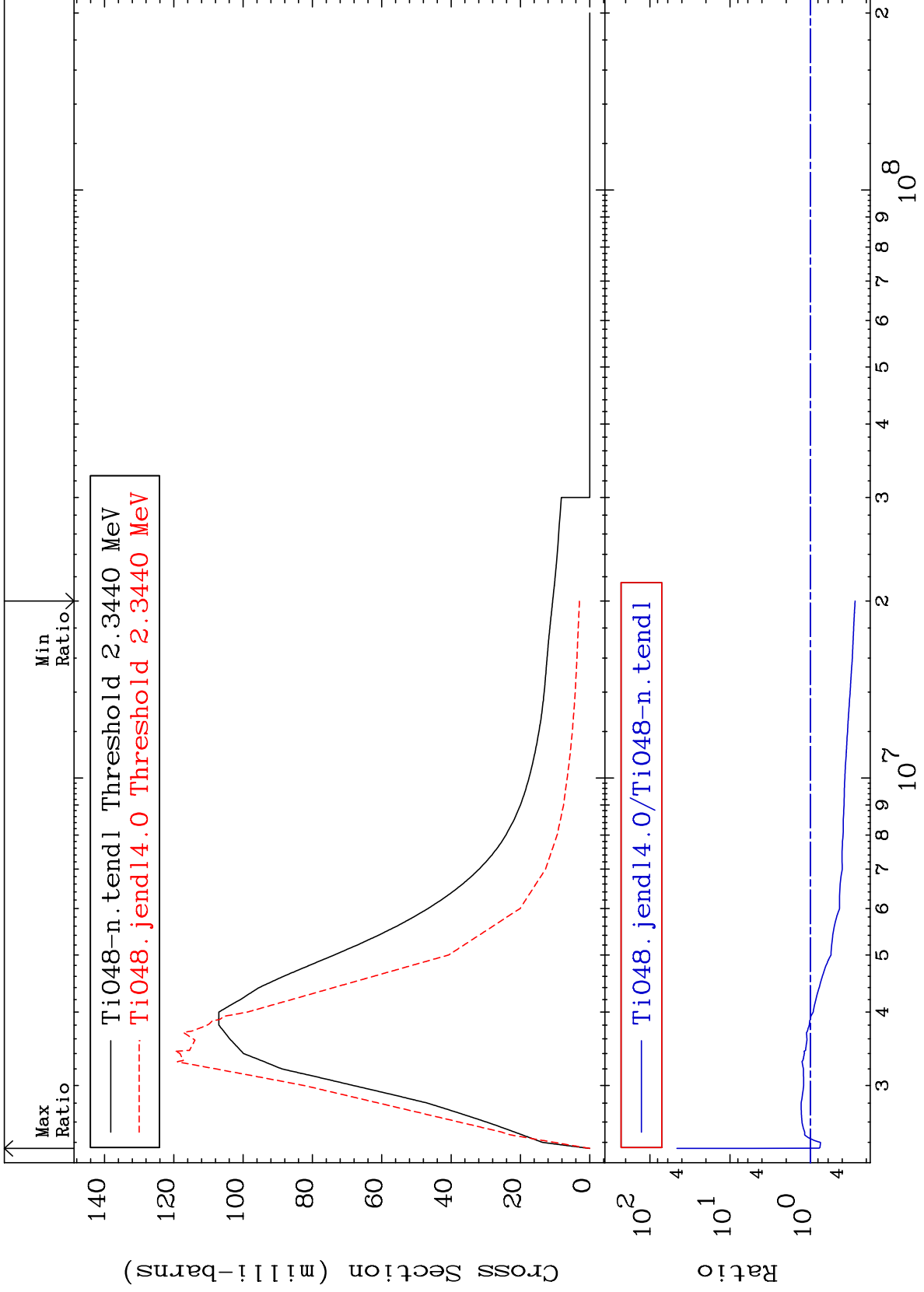


22-Ti-48

MAT 2231

2.296 MeV (n,n') Level
Cross Section

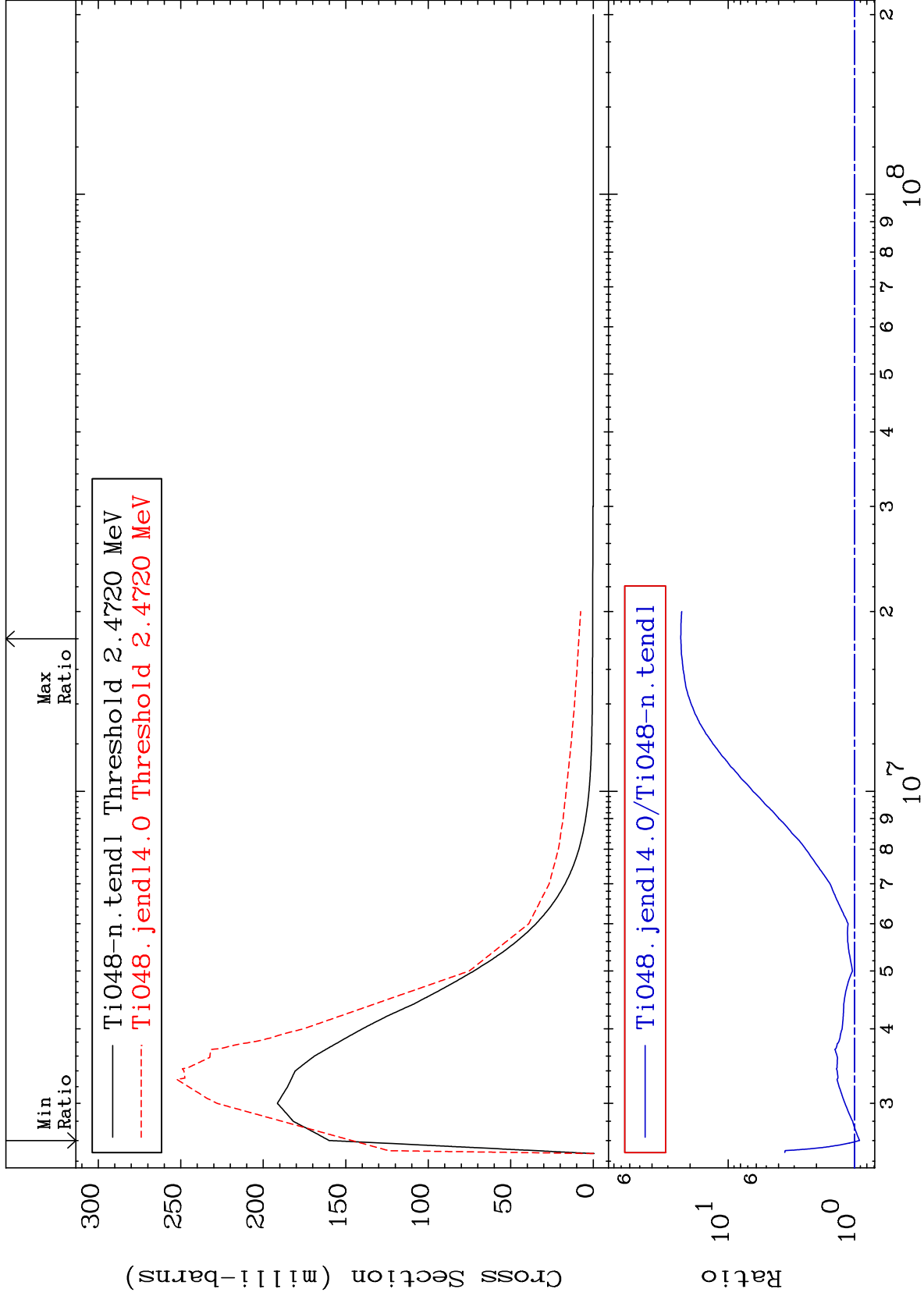
22-Ti-48
-72.39 To 4497. %



MAT 2231

2.421 MeV (n,n') Level
Cross Section

22-Ti-48
-8.573 To 2268. %



9

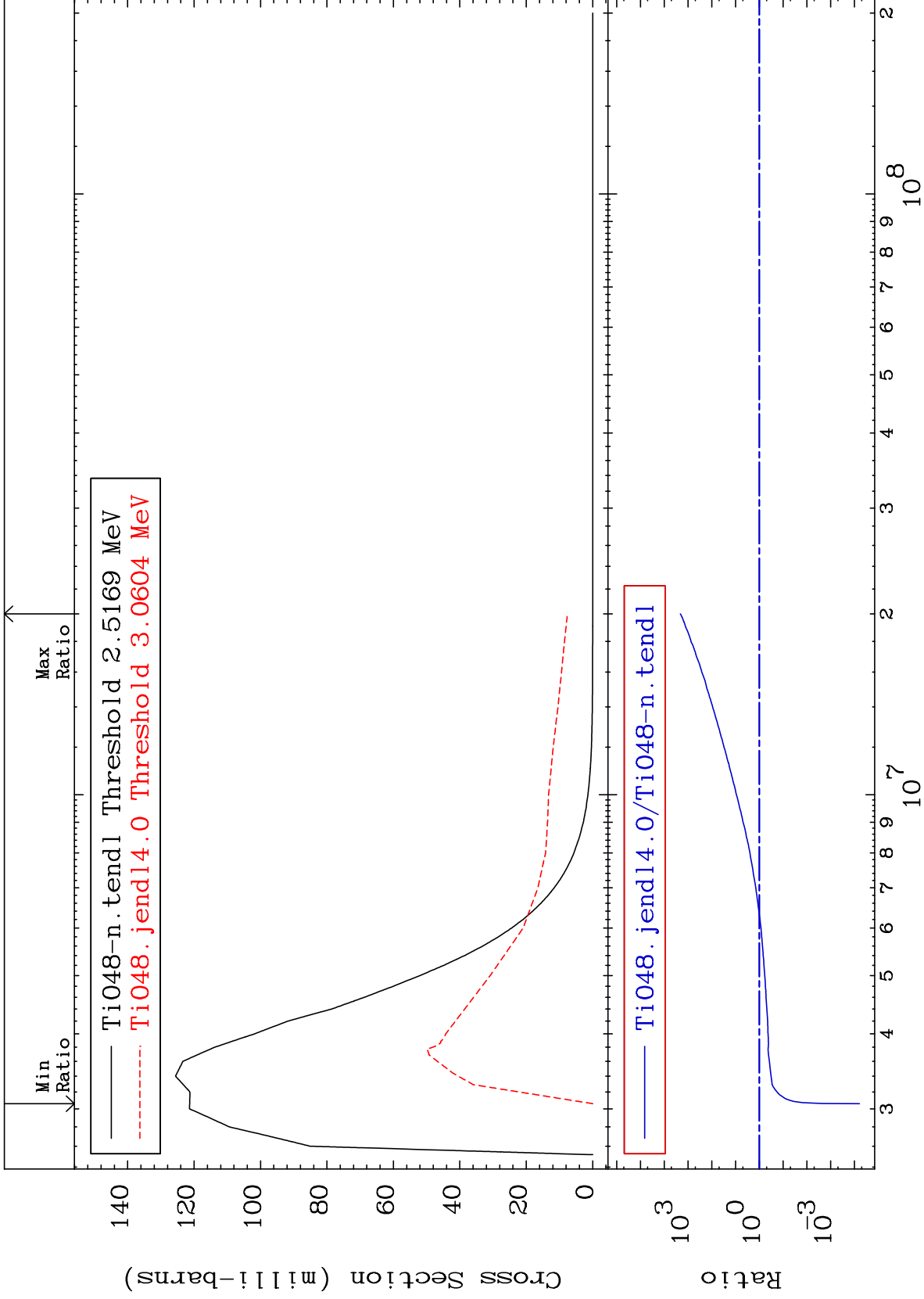
Incident Energy (eV)

22-Ti-48

MAT 2231

2.465 MeV (n,n') Level
Cross Section

22-Ti-48
-99.99 To 9999. %



10

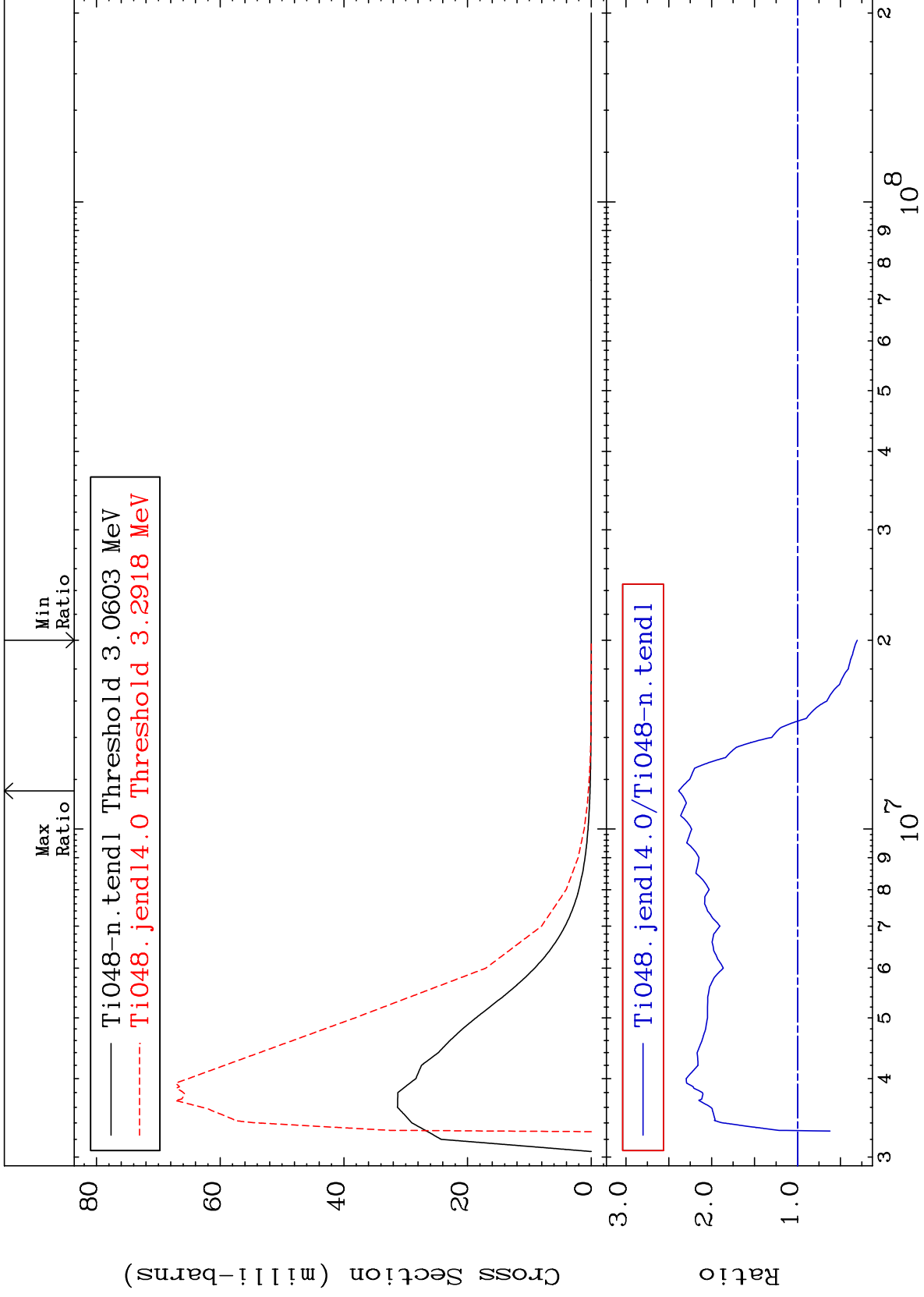
Incident Energy (eV)

22-Ti-48

MAT 2231

2.997 MeV (n,n') Level
Cross Section

22-Ti-48
-69.61 To 138.5 %



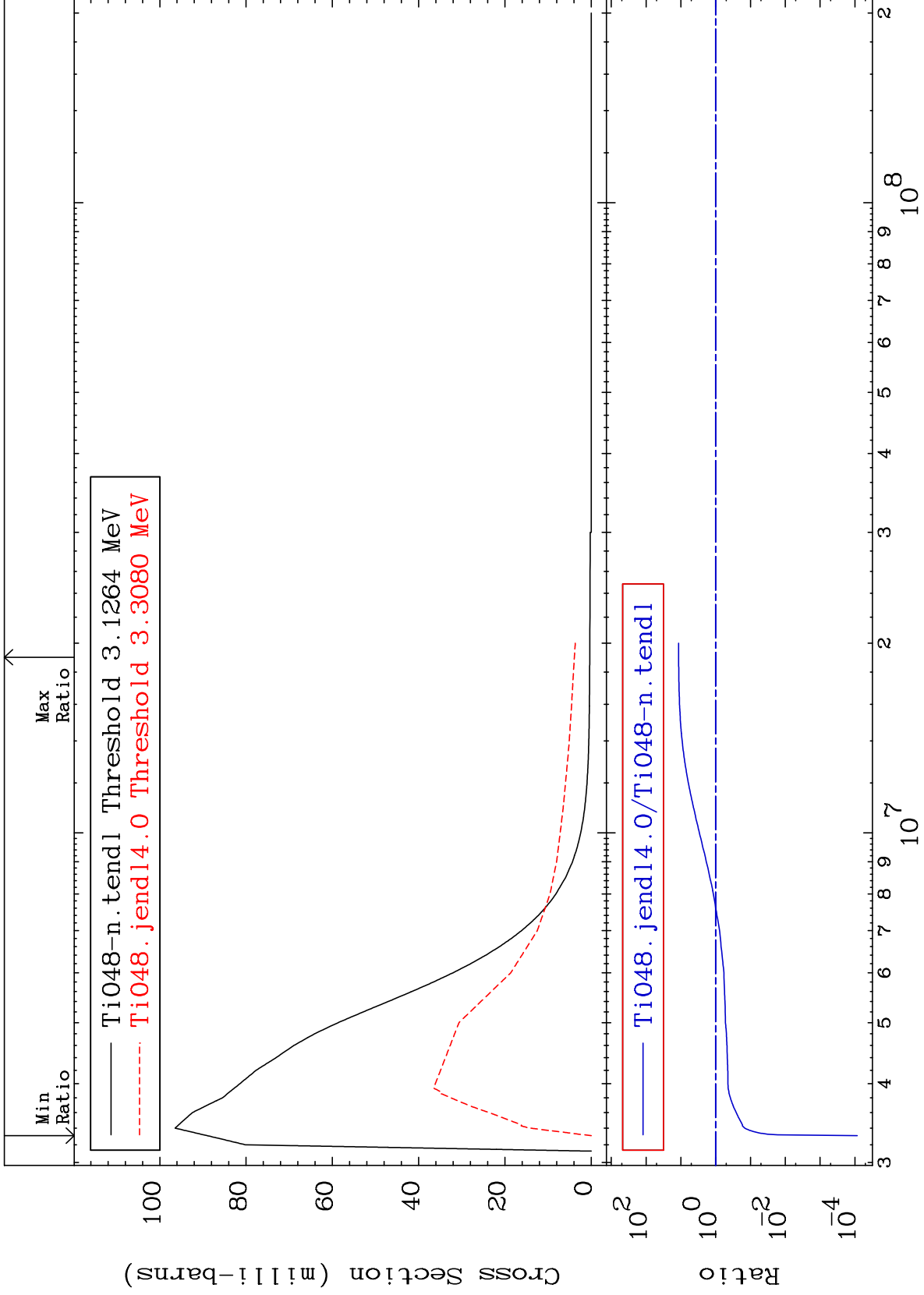
11

22-Ti-48

MAT 2231

3.062 MeV (n,n') Level
Cross Section

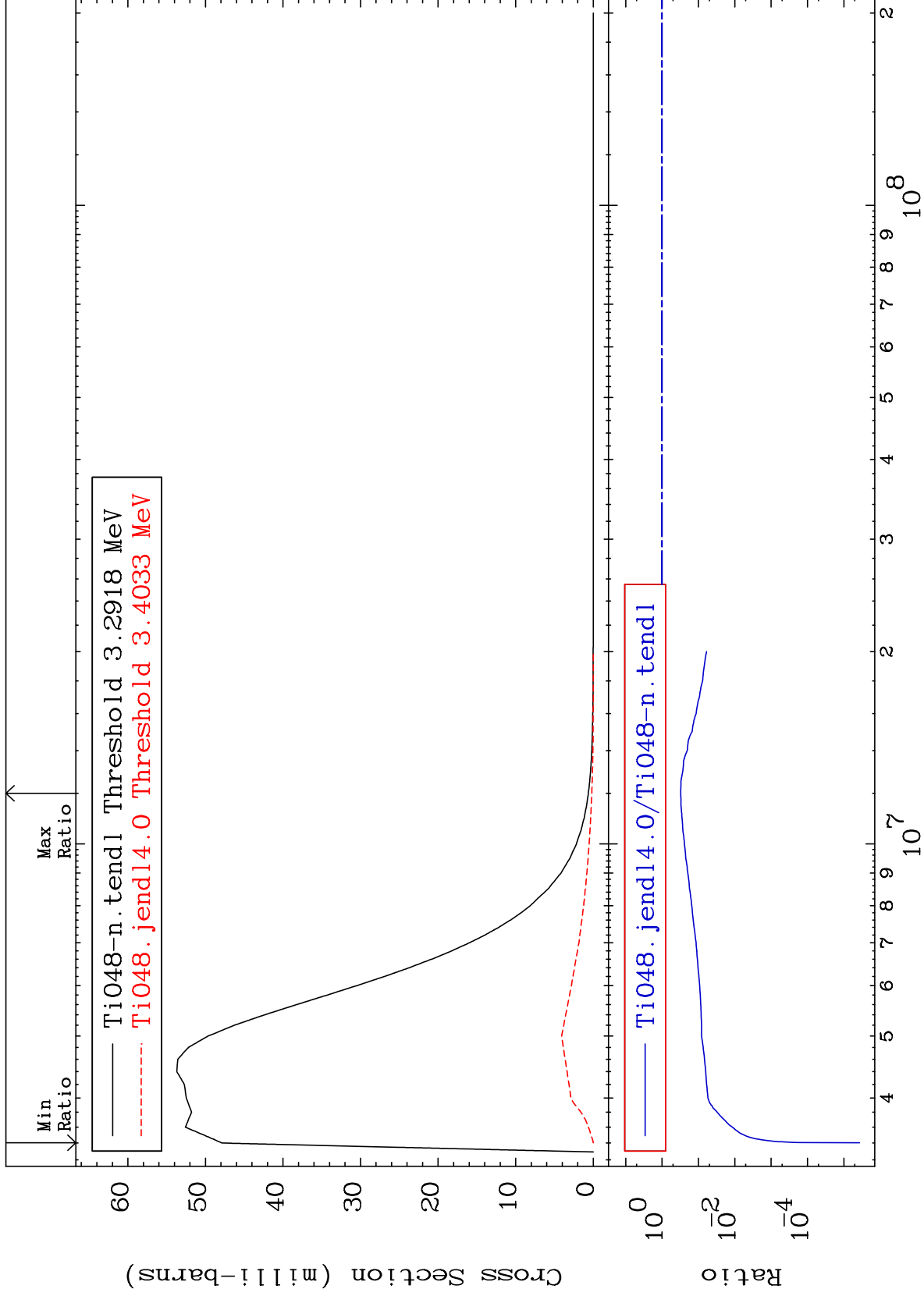
22-Ti-48
-99.99 To 1060. %



MAT 2231

3.224 MeV (n,n') Level
Cross Section

22-Ti-48
-100.0 To -69.46%



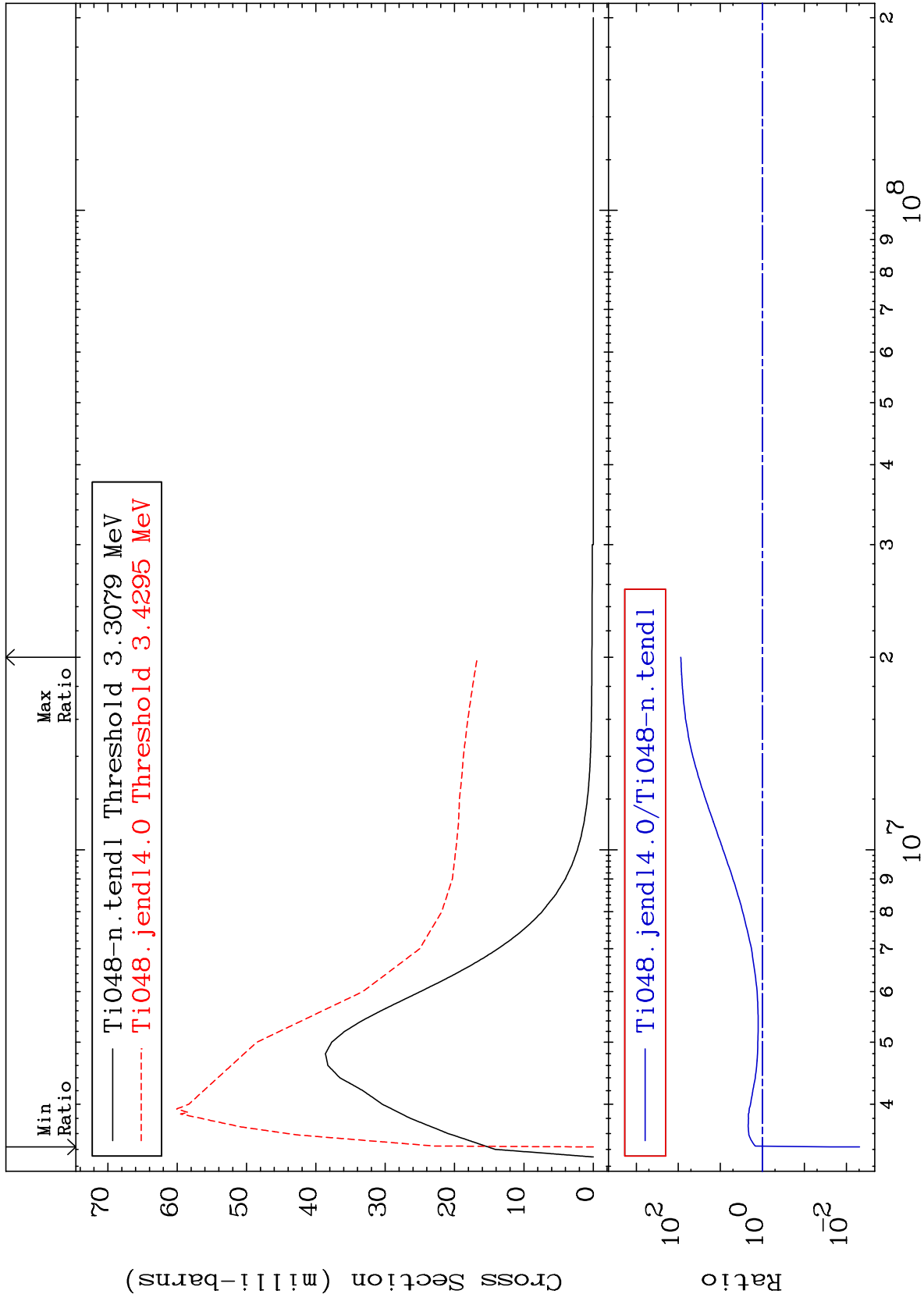
MAT 2231

3.240 MeV (n,n') Level

22-Ti-48

-99.51 To 8648. %

Cross Section



14

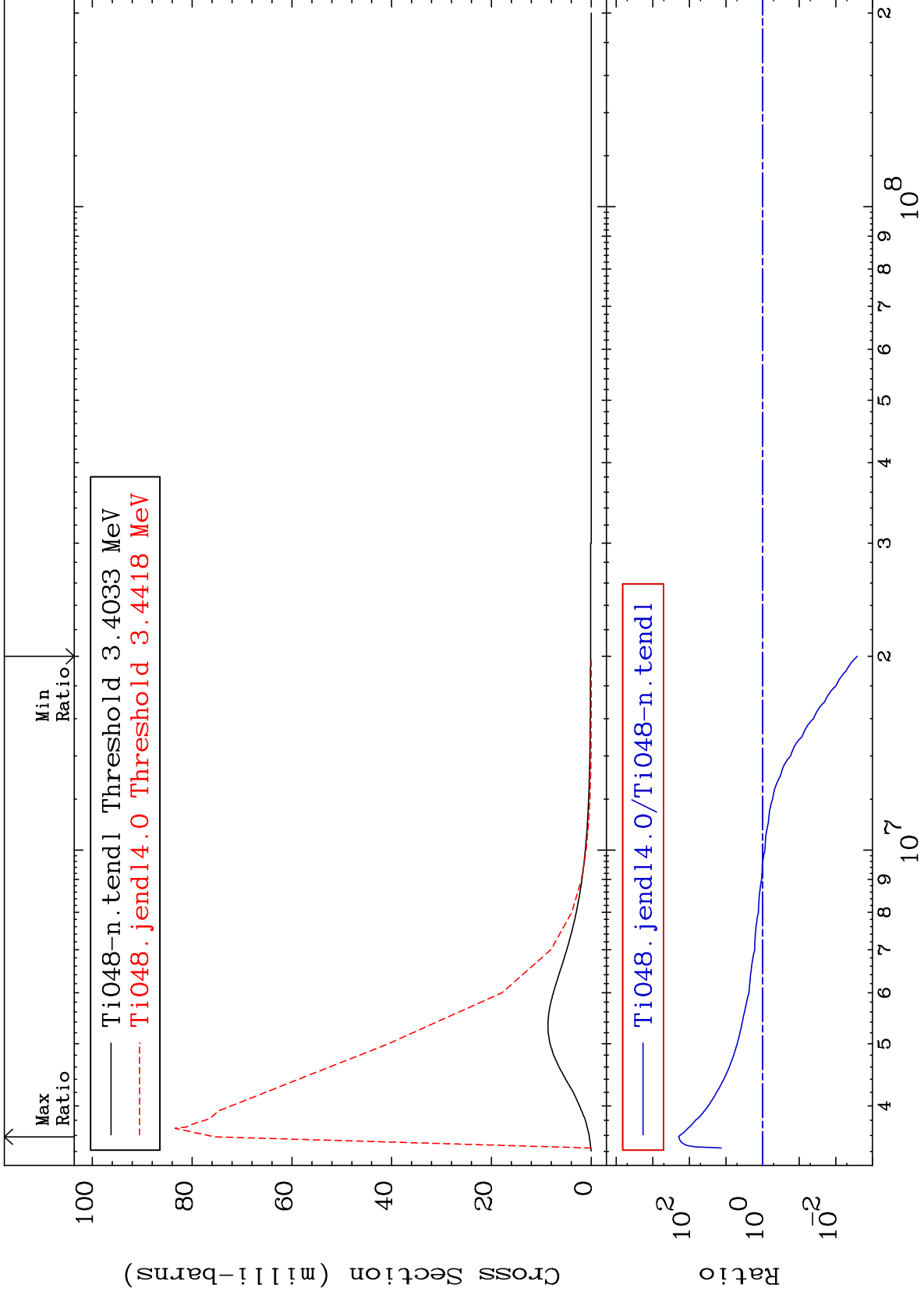
Incident Energy (eV)

22-Ti-48

MAT 2231

3.333 MeV (n,n') Level
Cross Section

22-Ti-48
-99.74 To 9999. %



15

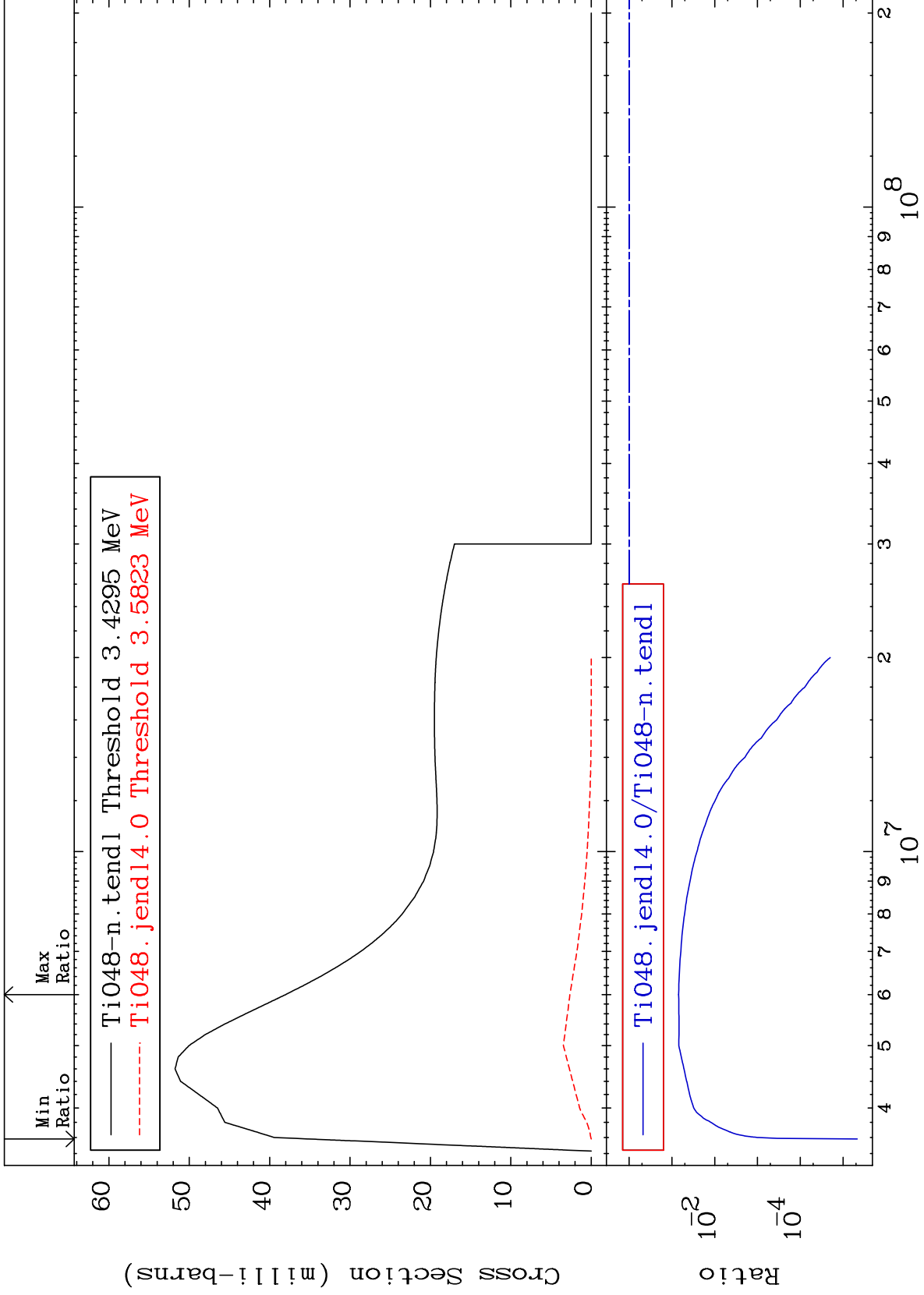
22-Ti-48

22-Ti-48

MAT 2231

3.359 MeV (n,n') Level
Cross Section

22-Ti-48
-100.0 To -93.03%



16

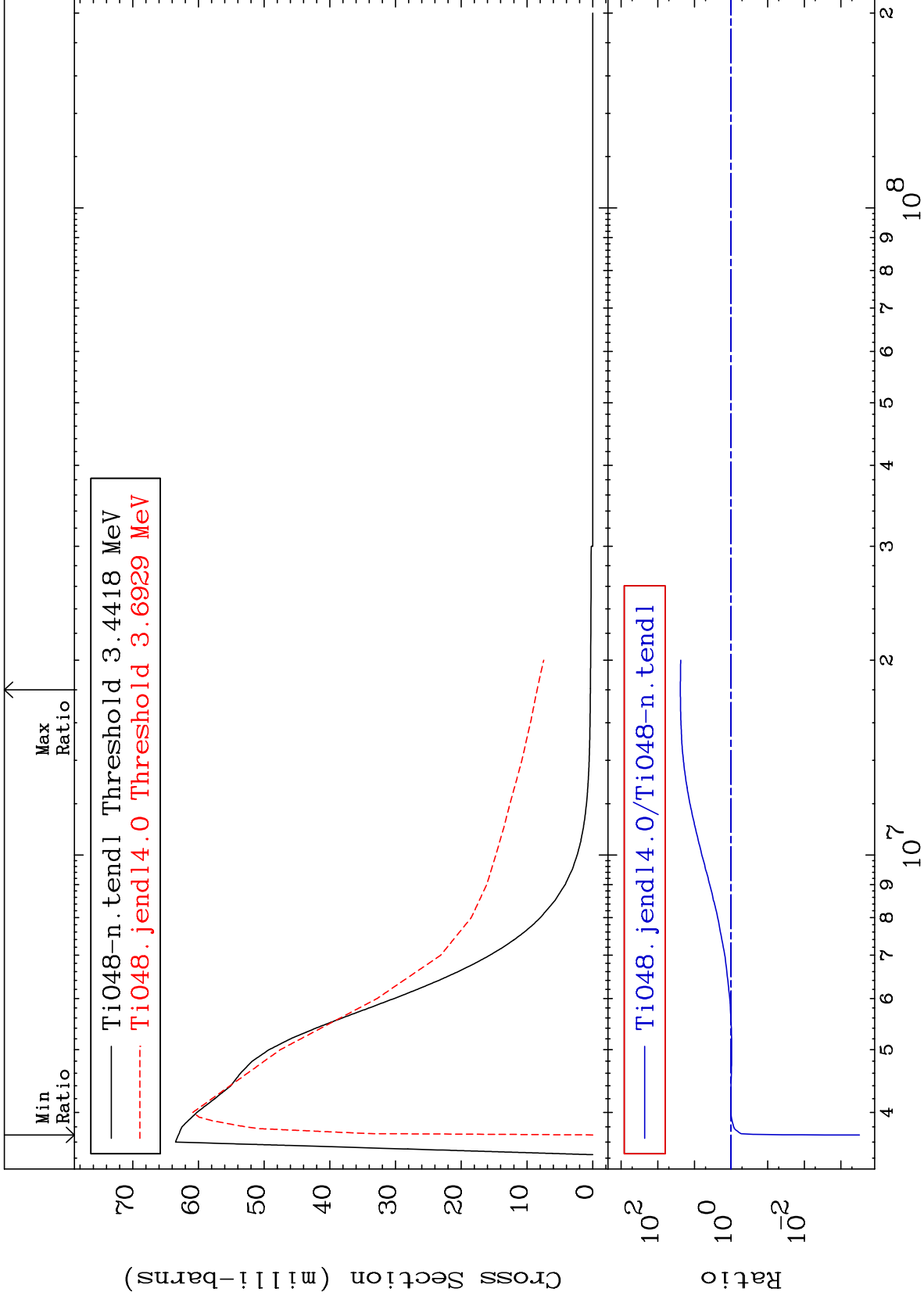
22-Ti-48

22-Ti-48

MAT 2231

3.371 MeV (n,n') Level
Cross Section

22-Ti-48
-99.97 To 2322. %



17

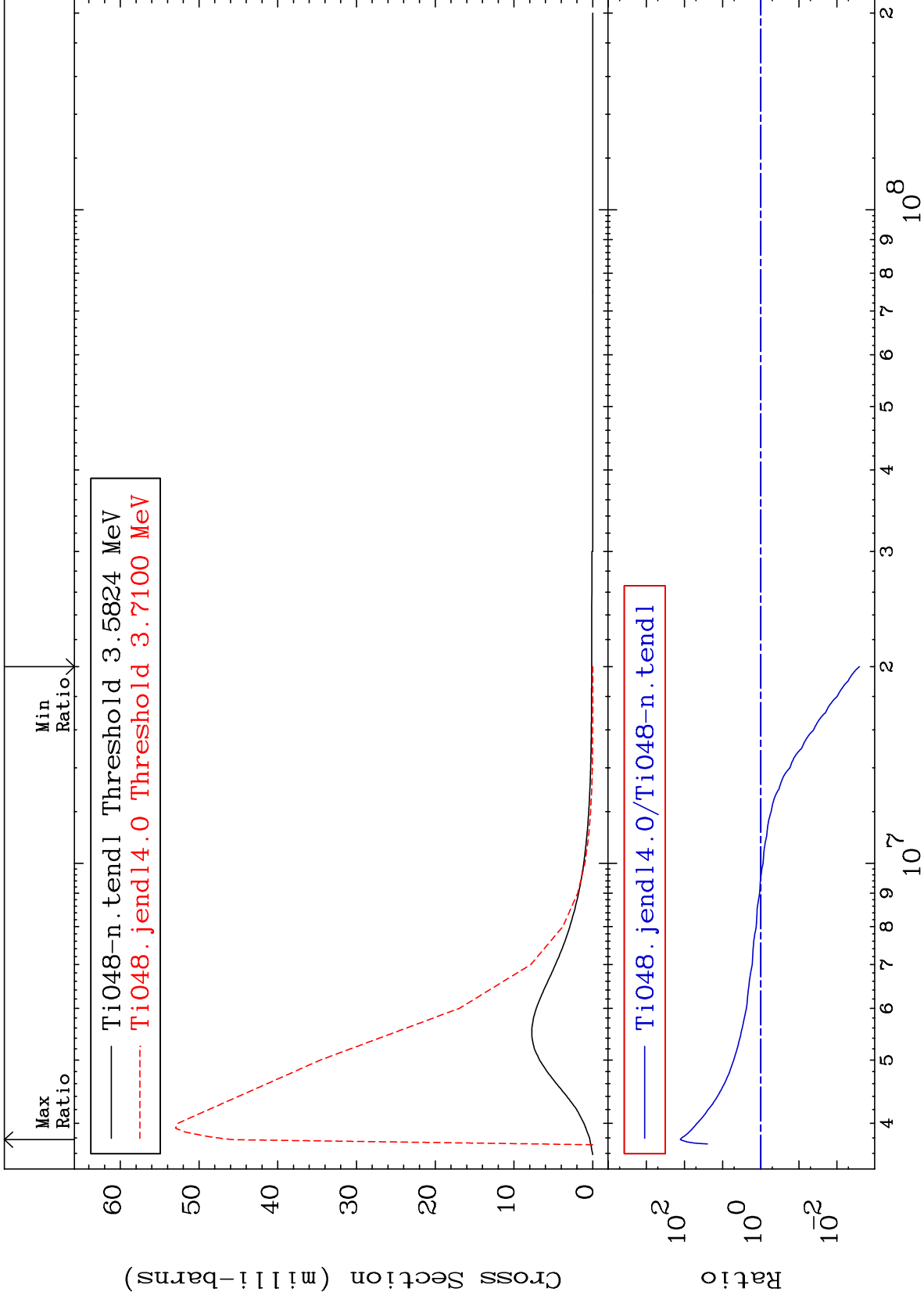
Incident Energy (eV)

22-Ti-48

MAT 2231

3.509 MeV (n,n') Level
Cross Section

22-Ti-48
-99.74 To 9999. %



18

22-Ti-48

22-Ti-48

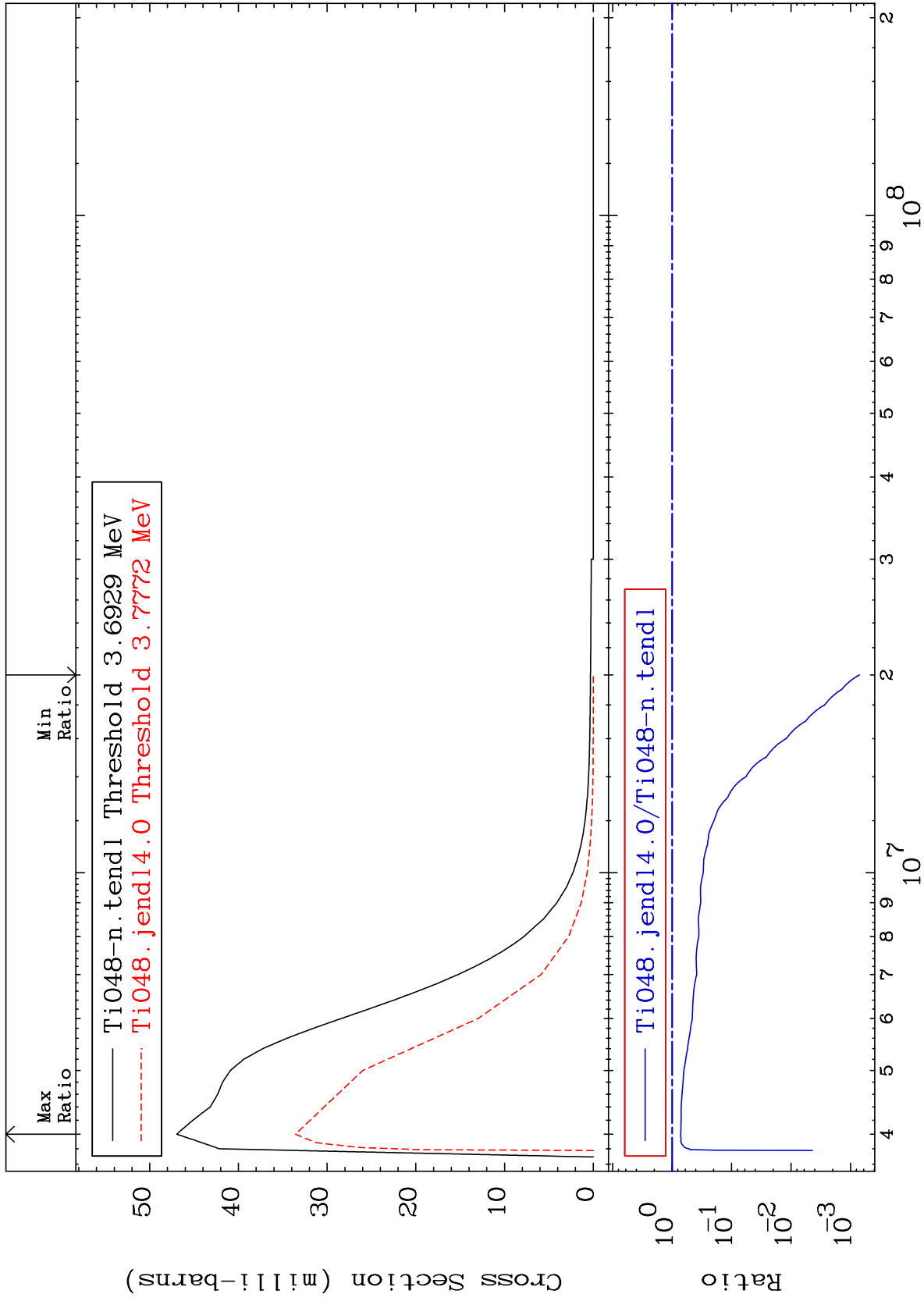
MAT 2231

3.617 MeV (n,n') Level

22-Ti-48

-99.93 To -28.50%

Cross Section



19

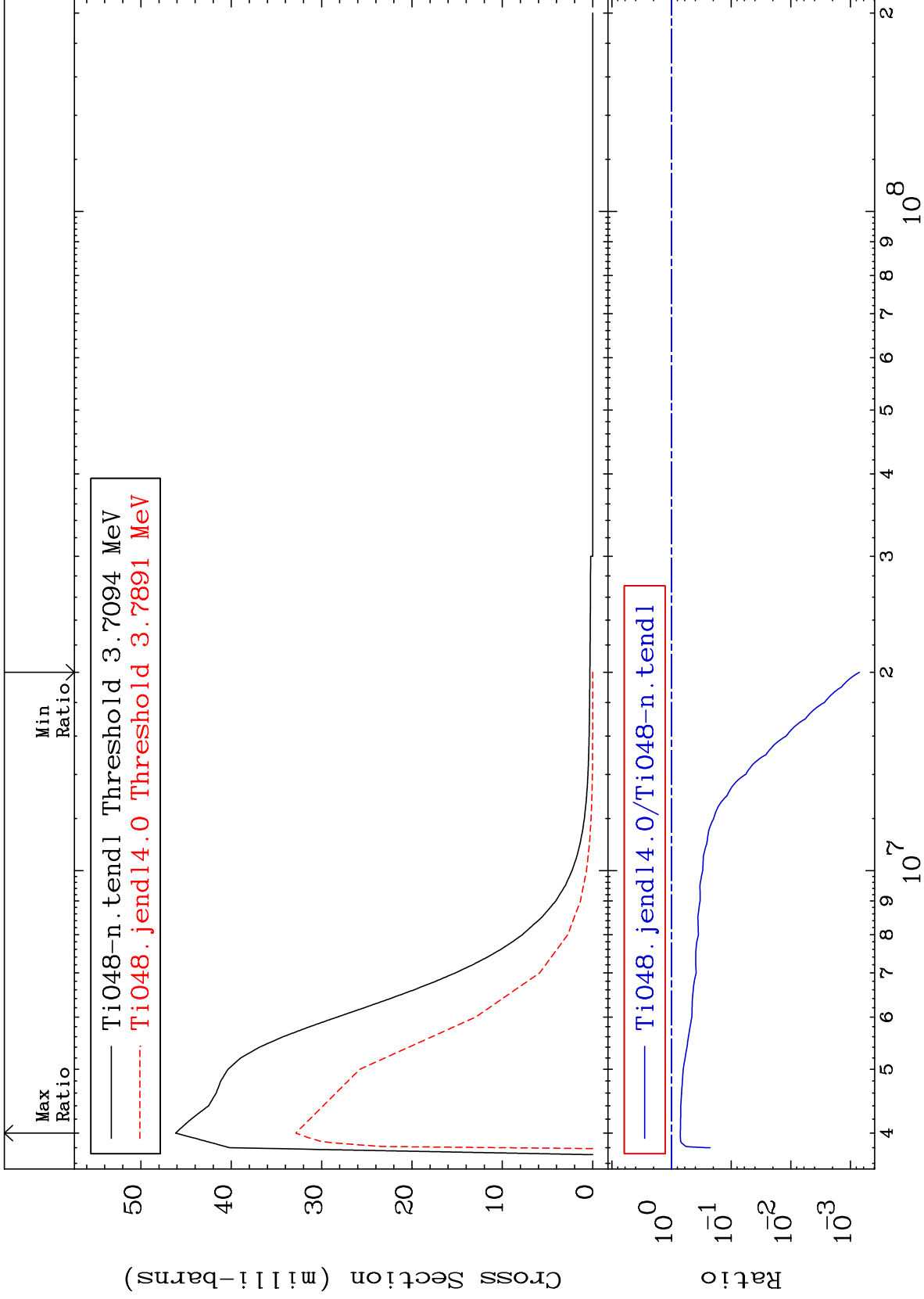
Incident Energy (eV)

22-Ti-48

MAT 2231

3.633 MeV (n,n') Level
Cross Section

22-Ti-48
-99.93 To -28.84%



20

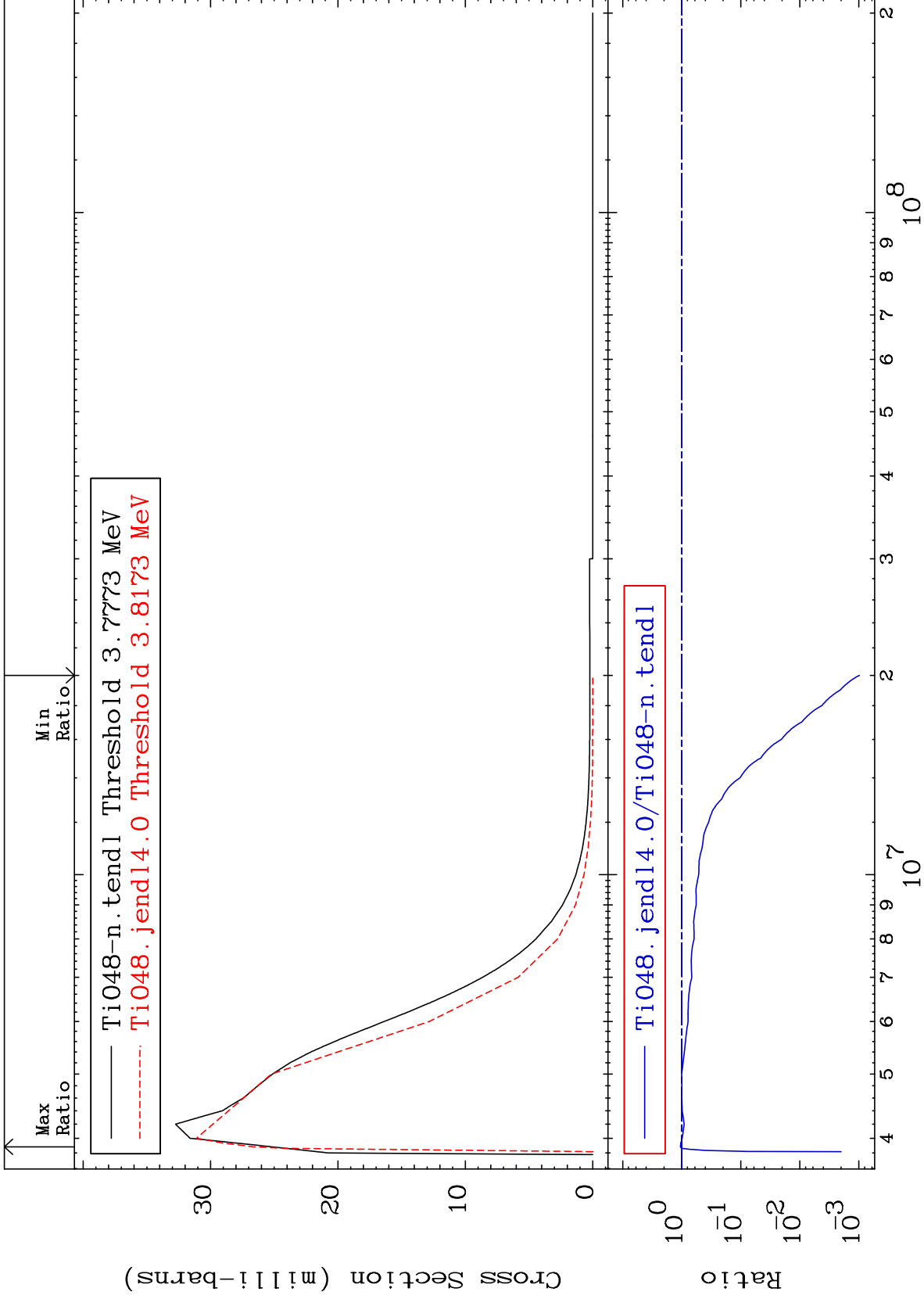
Incident Energy (eV)

22-Ti-48

MAT 2231

3.699 MeV (n,n') Level
Cross Section

22-Ti-48
-99.90 To 5.557 %



21

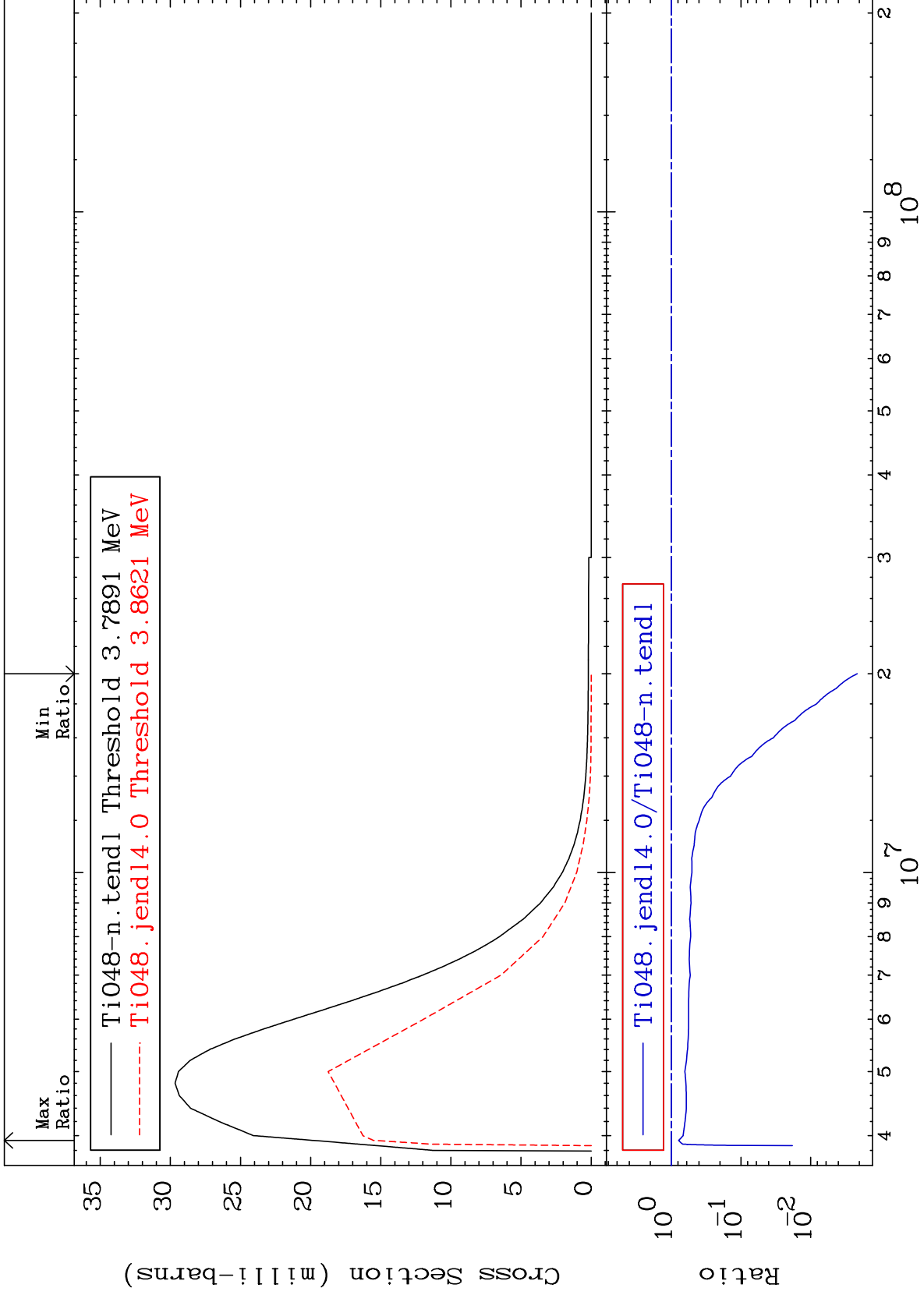
Incident Energy (eV)

22-Ti-48

MAT 2231

3.711 MeV (n,n') Level
Cross Section

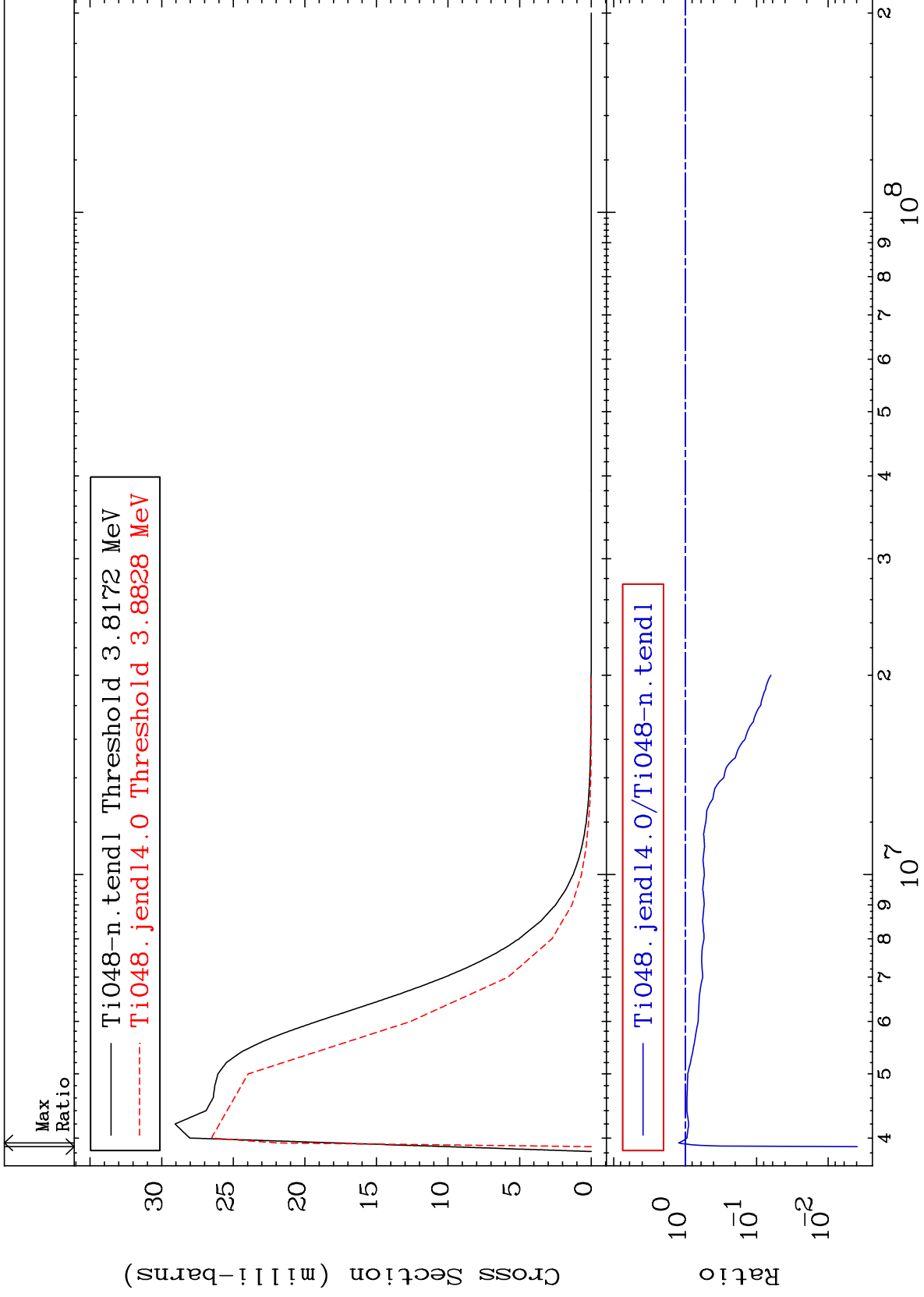
22-Ti-48
-99.79 To -21.69%



MAT 2231

3.739 MeV (n,n') Level
Cross Section

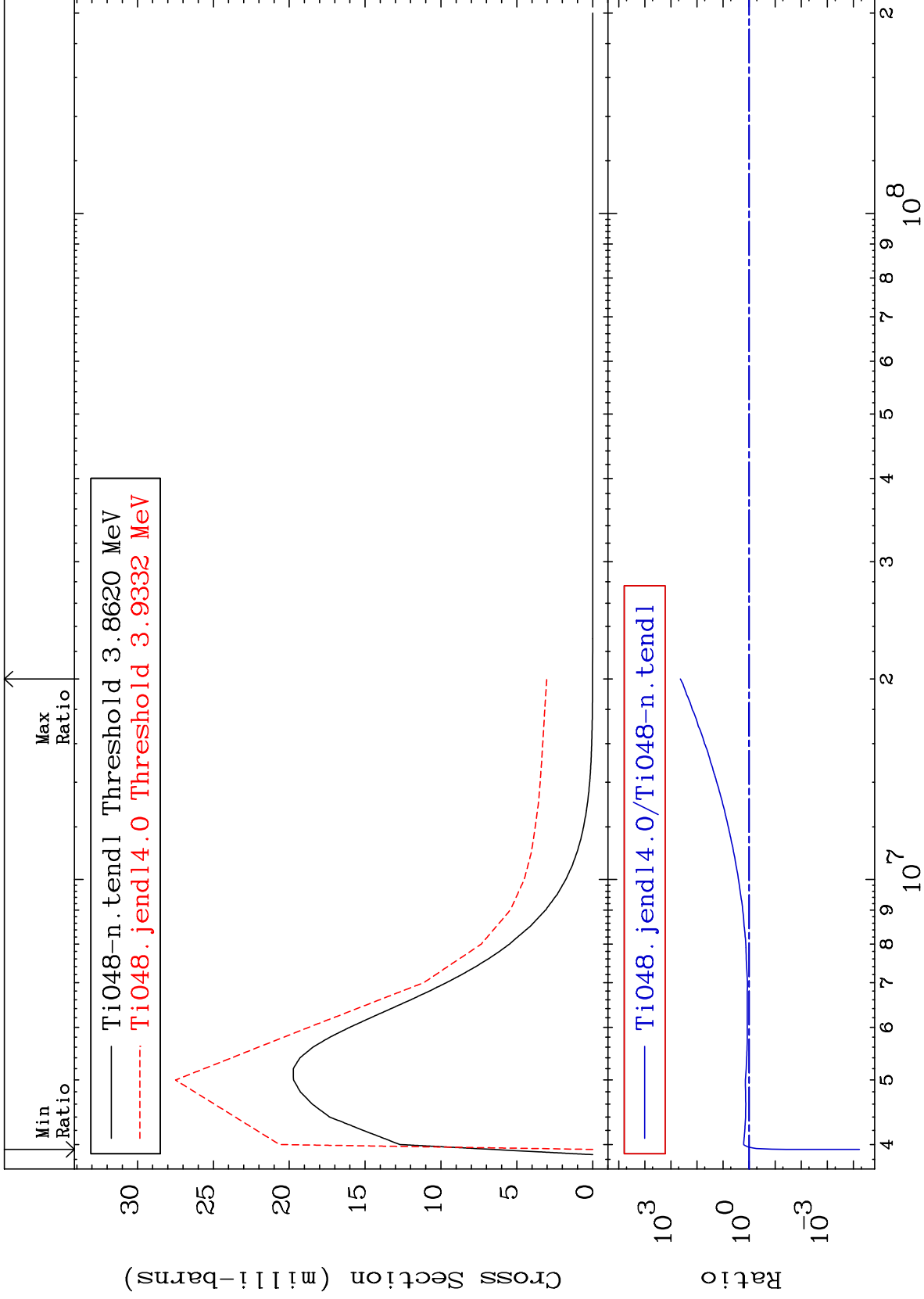
22-Ti-48
-99.61 To 23.35 %



MAT 2231

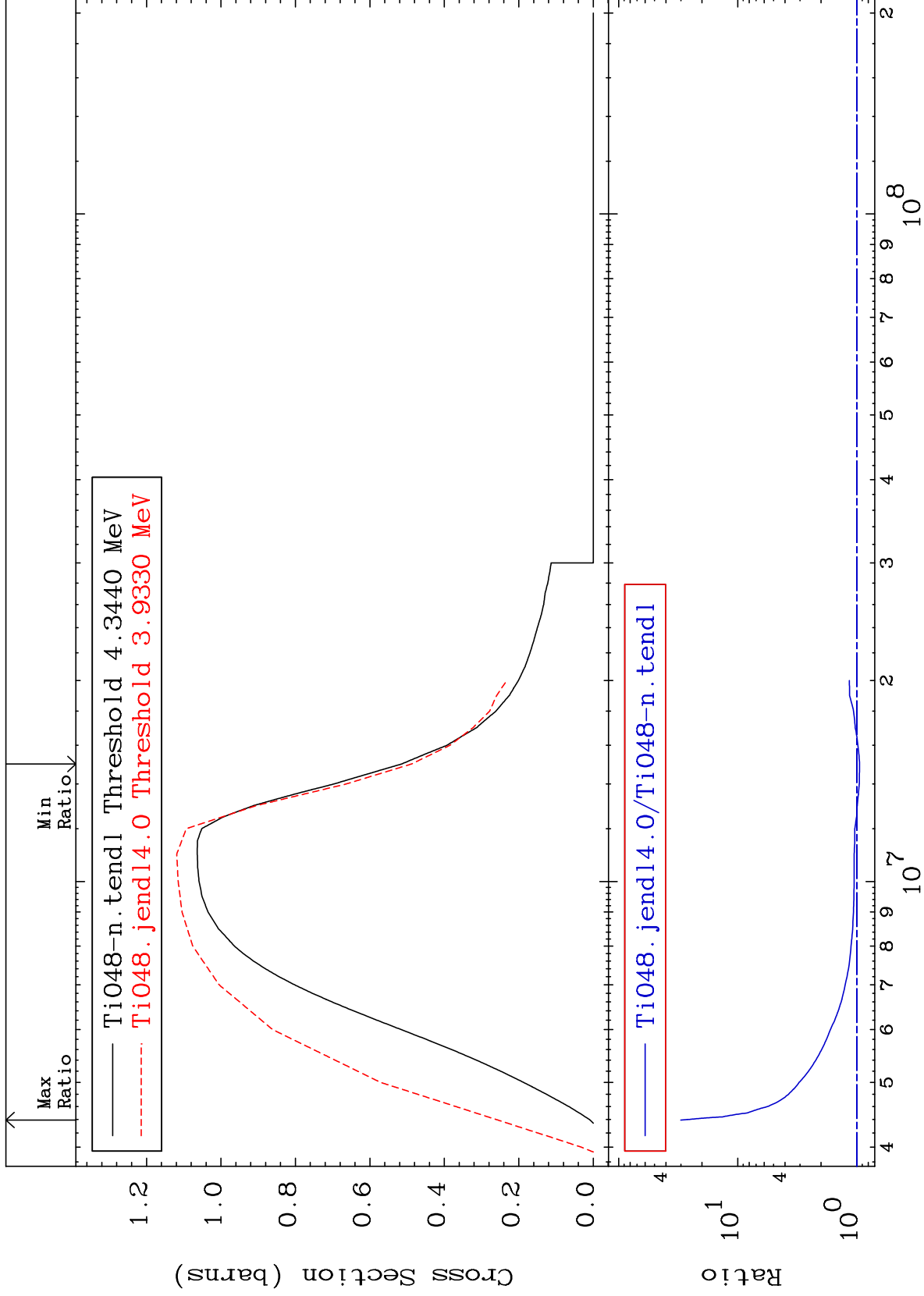
3.782 MeV (n,n') Level
Cross Section

22-Ti-48
-99.99 To 9999. %



24

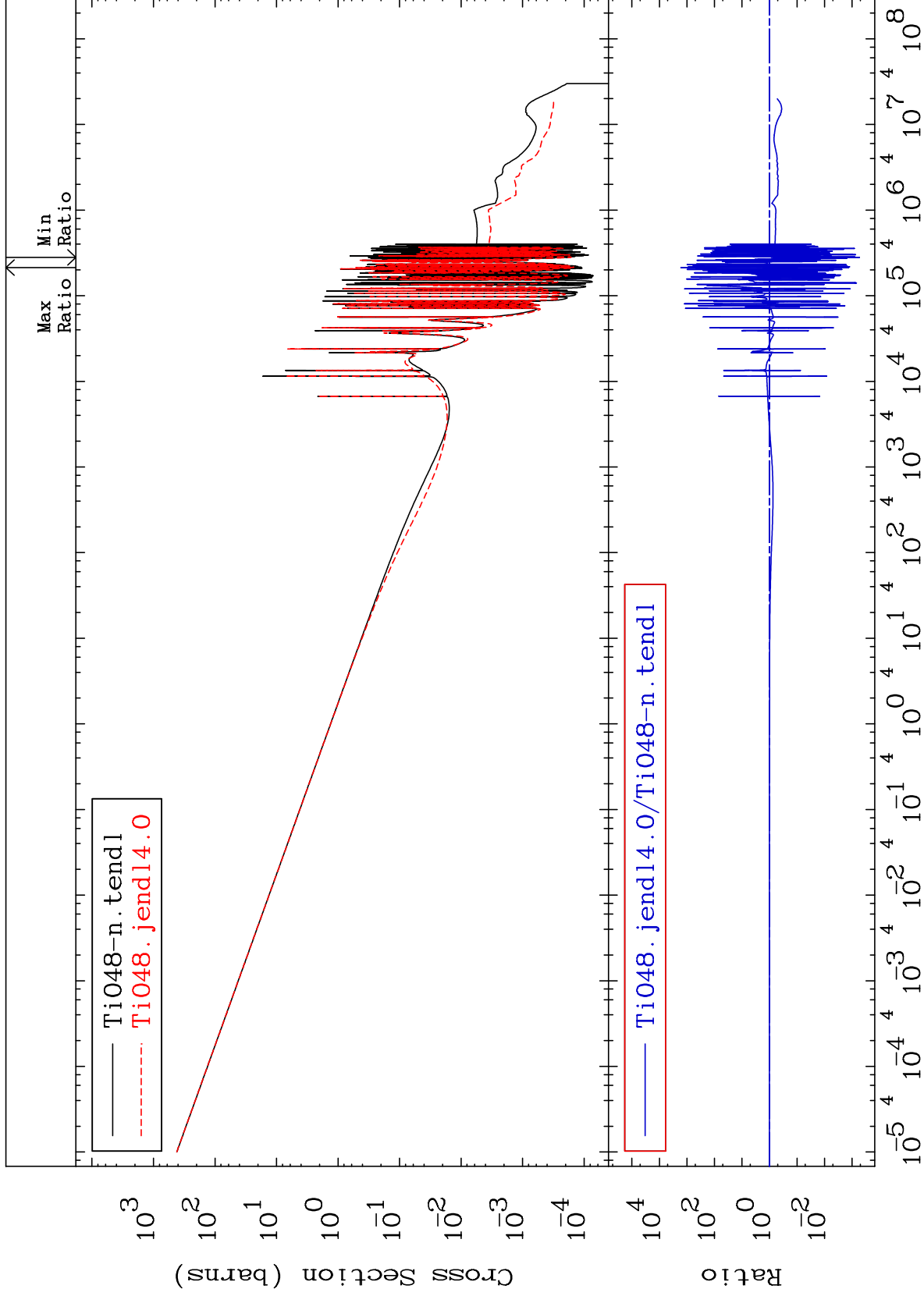
22-Ti-48



MAT 2231

(n, γ)
Cross Section

22-Ti-48
-99.95 To 9999. %



26

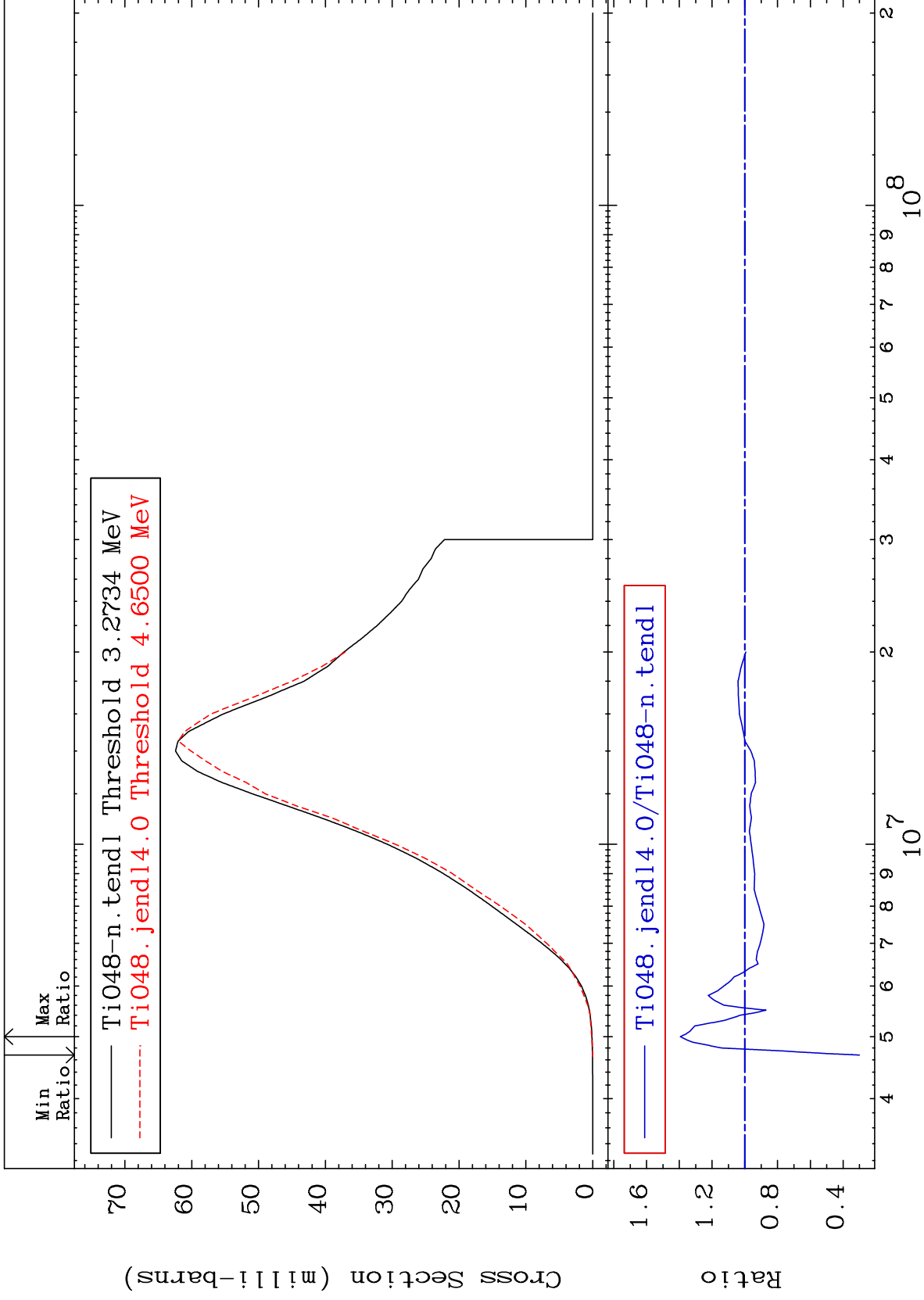
Incident Energy (eV)

22-Ti-48

MAT 2231

(n,p)
Cross Section

22-Ti-48
-69.99 To 39.38 %



27

Incident Energy (eV)

22-Ti-48

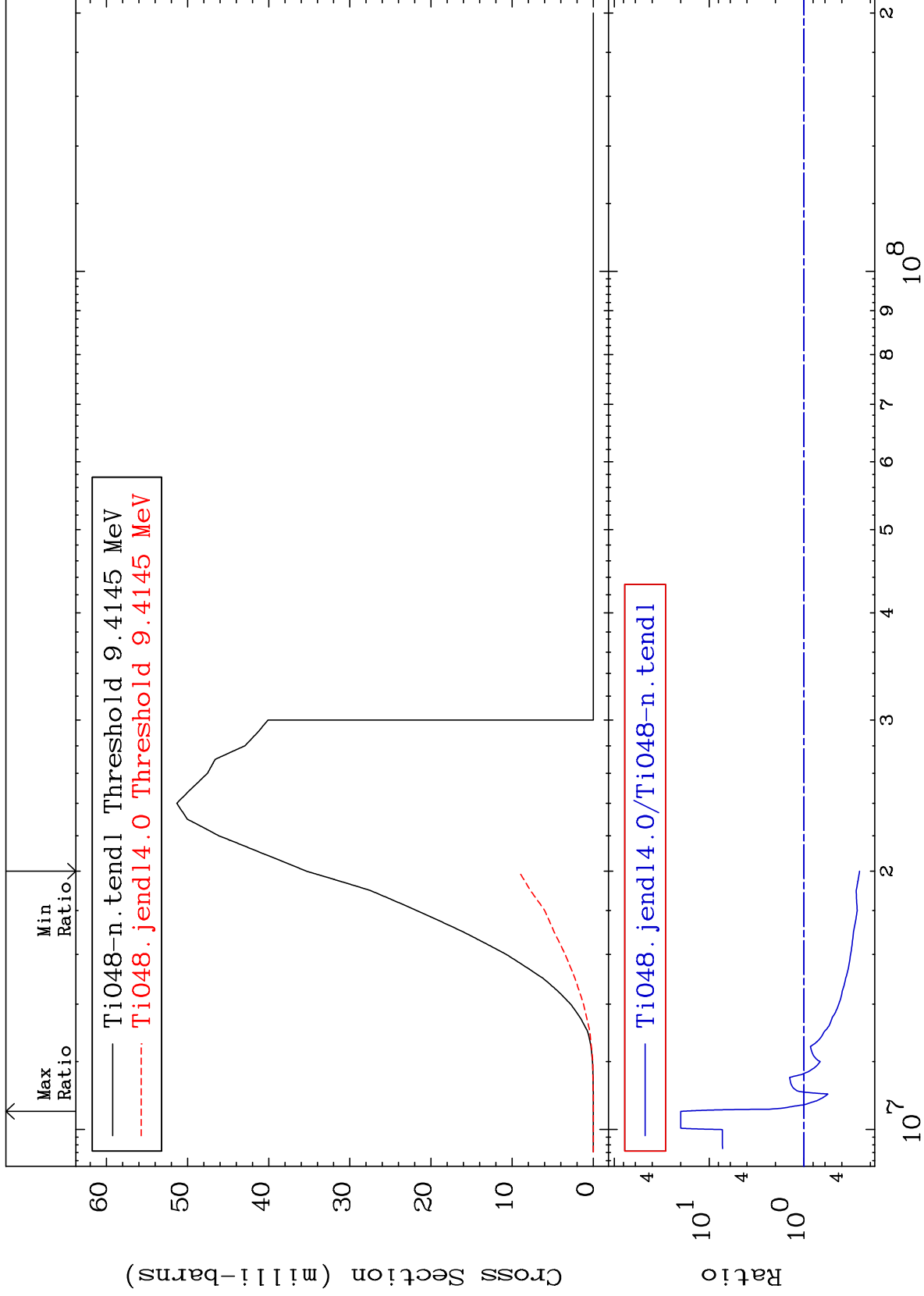
MAT 2231

(n, d)

22-Ti-48

Cross Section

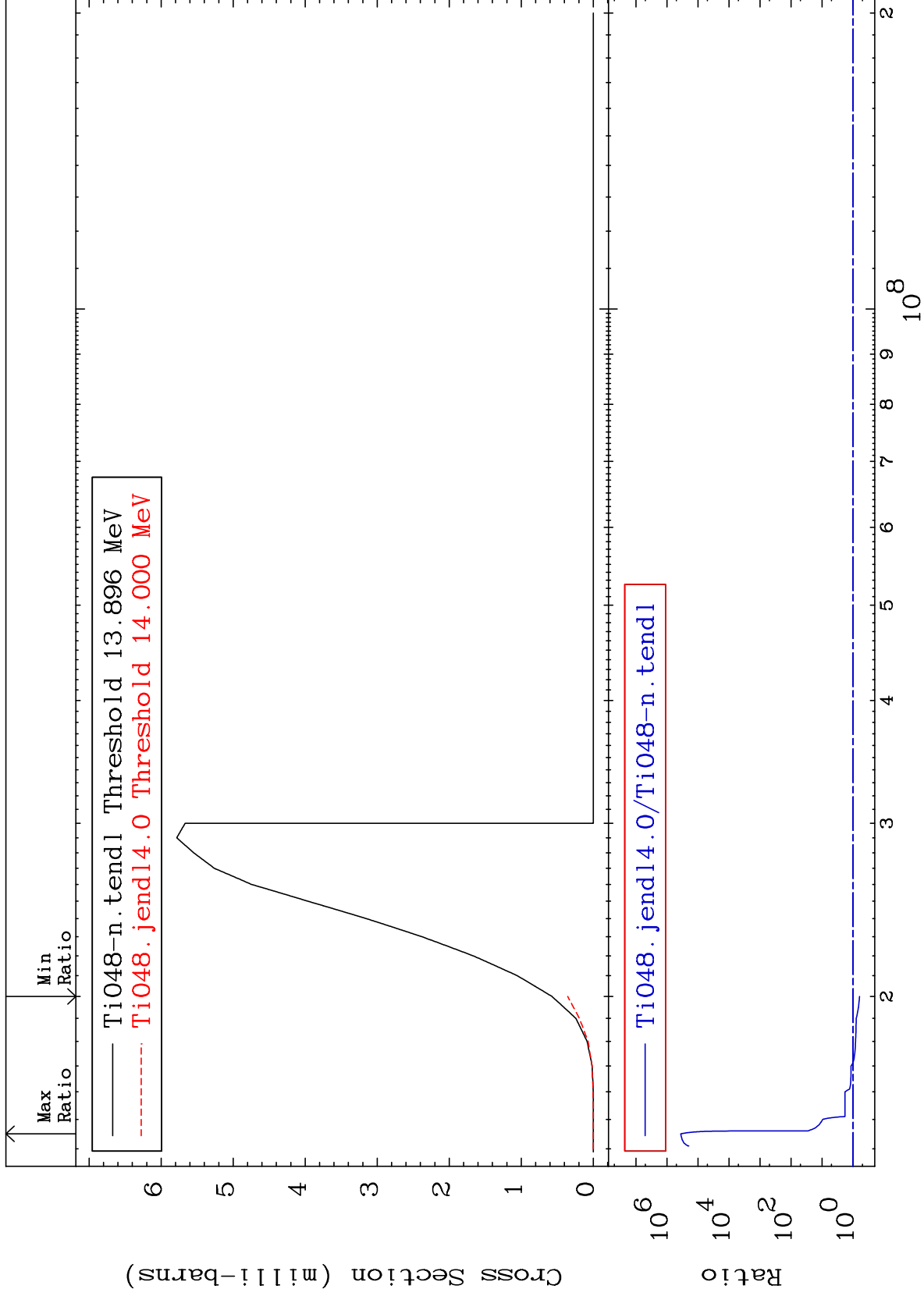
-74.03 To 1895. %

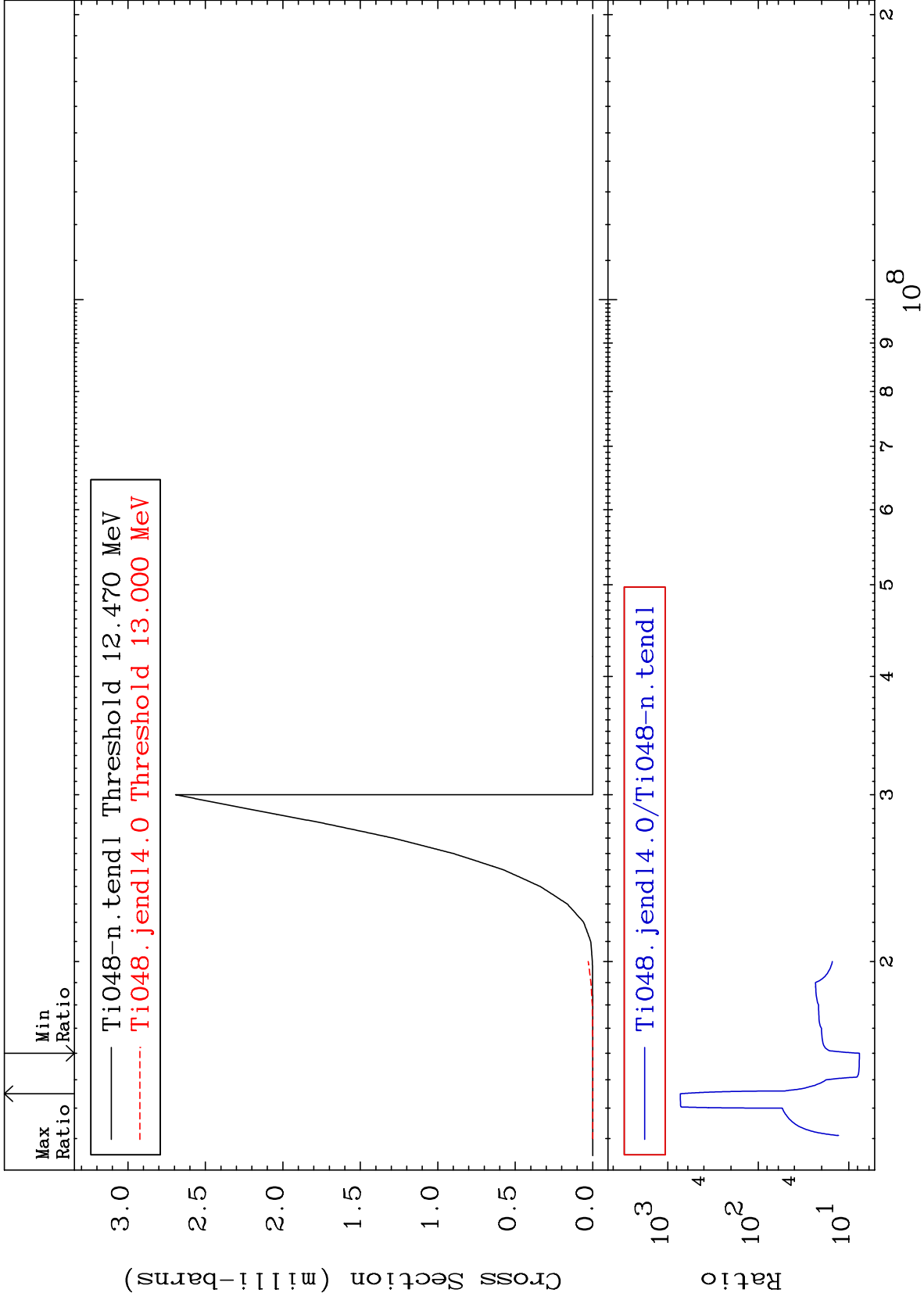


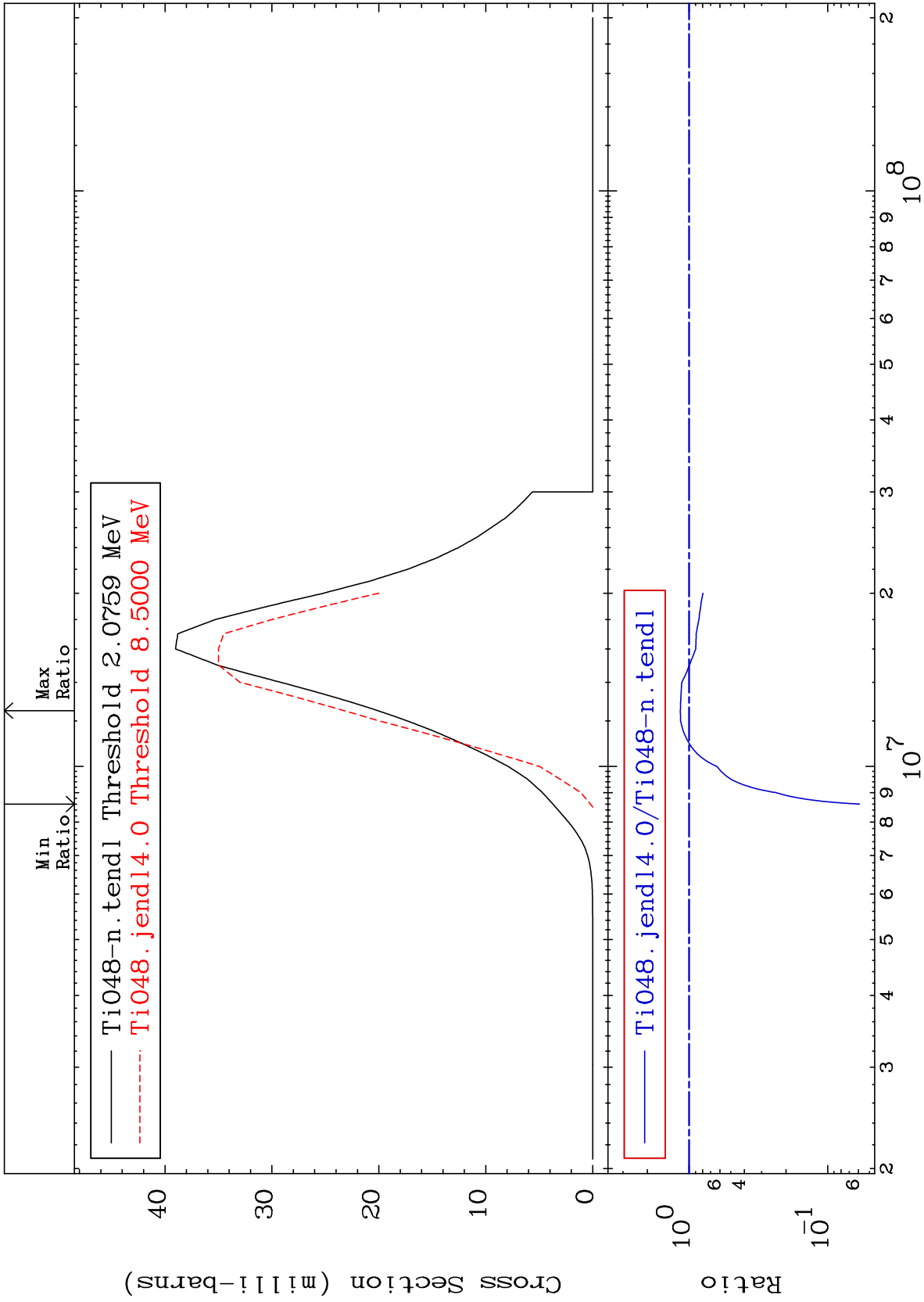
28

Incident Energy (eV)

22-Ti-48



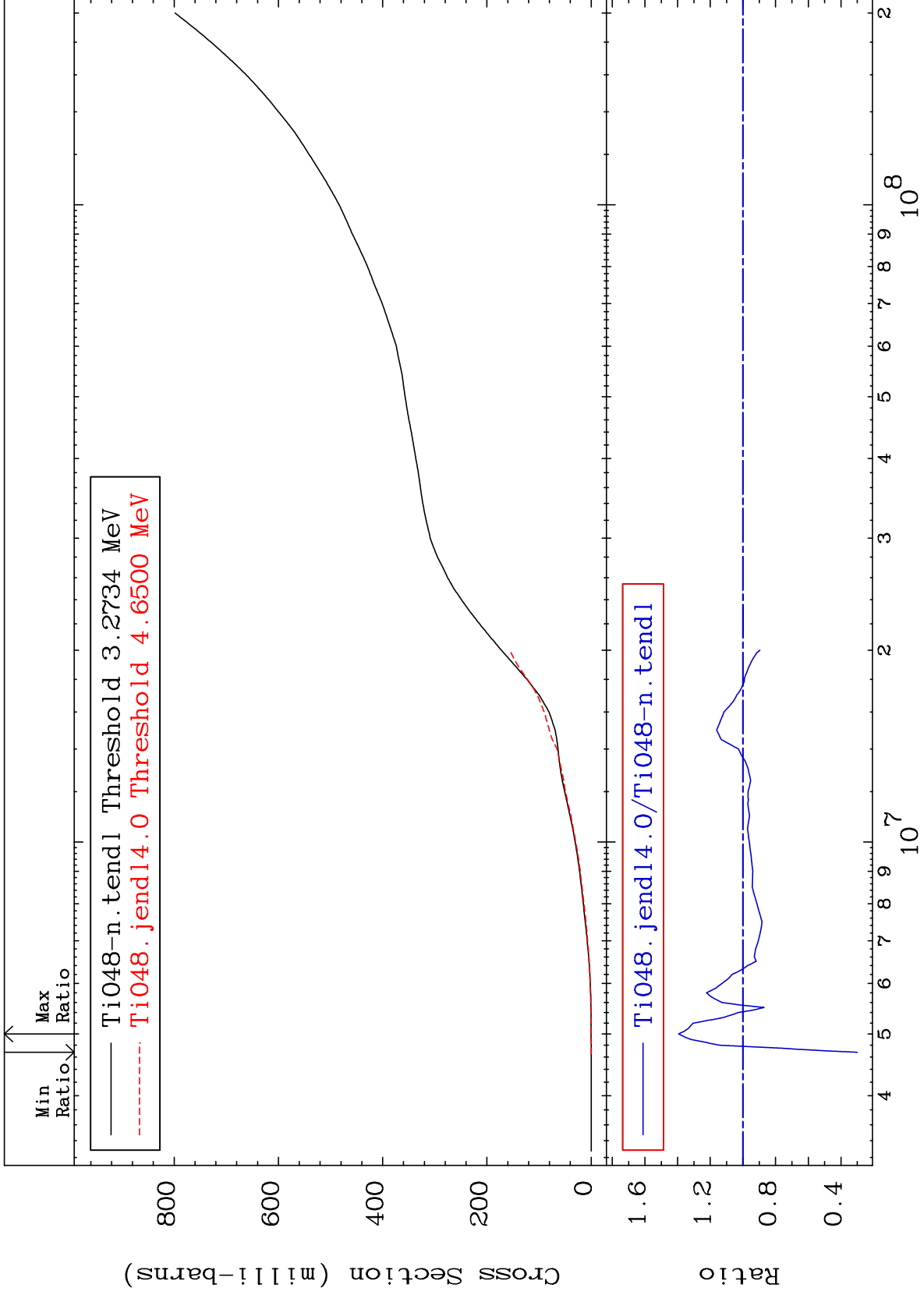




MAT 2231

Hydrogen Production
Cross Section

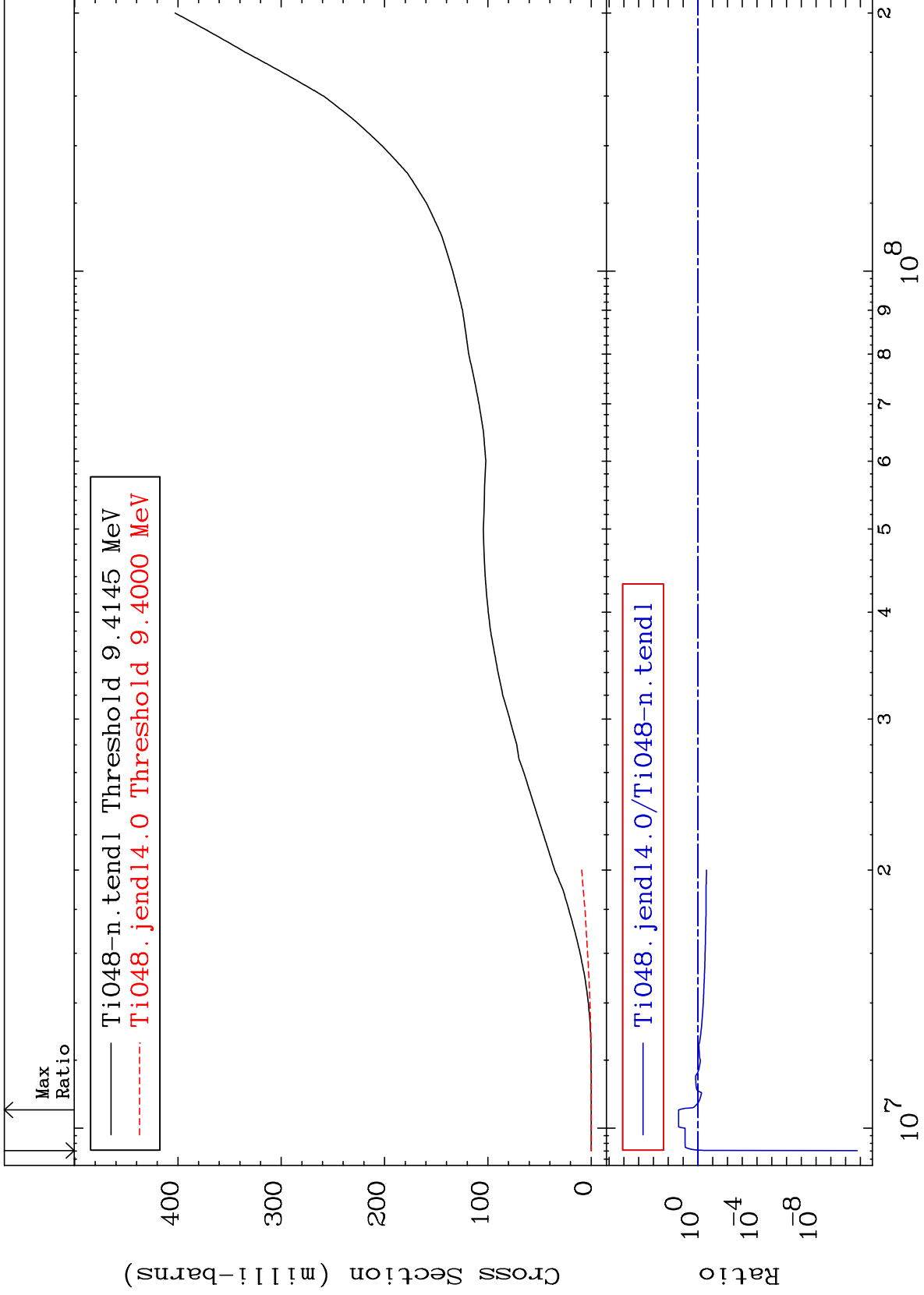
²²Ti-48
-69.99 To 39.38 %



MAT 2231

Deuterium Production
Cross Section

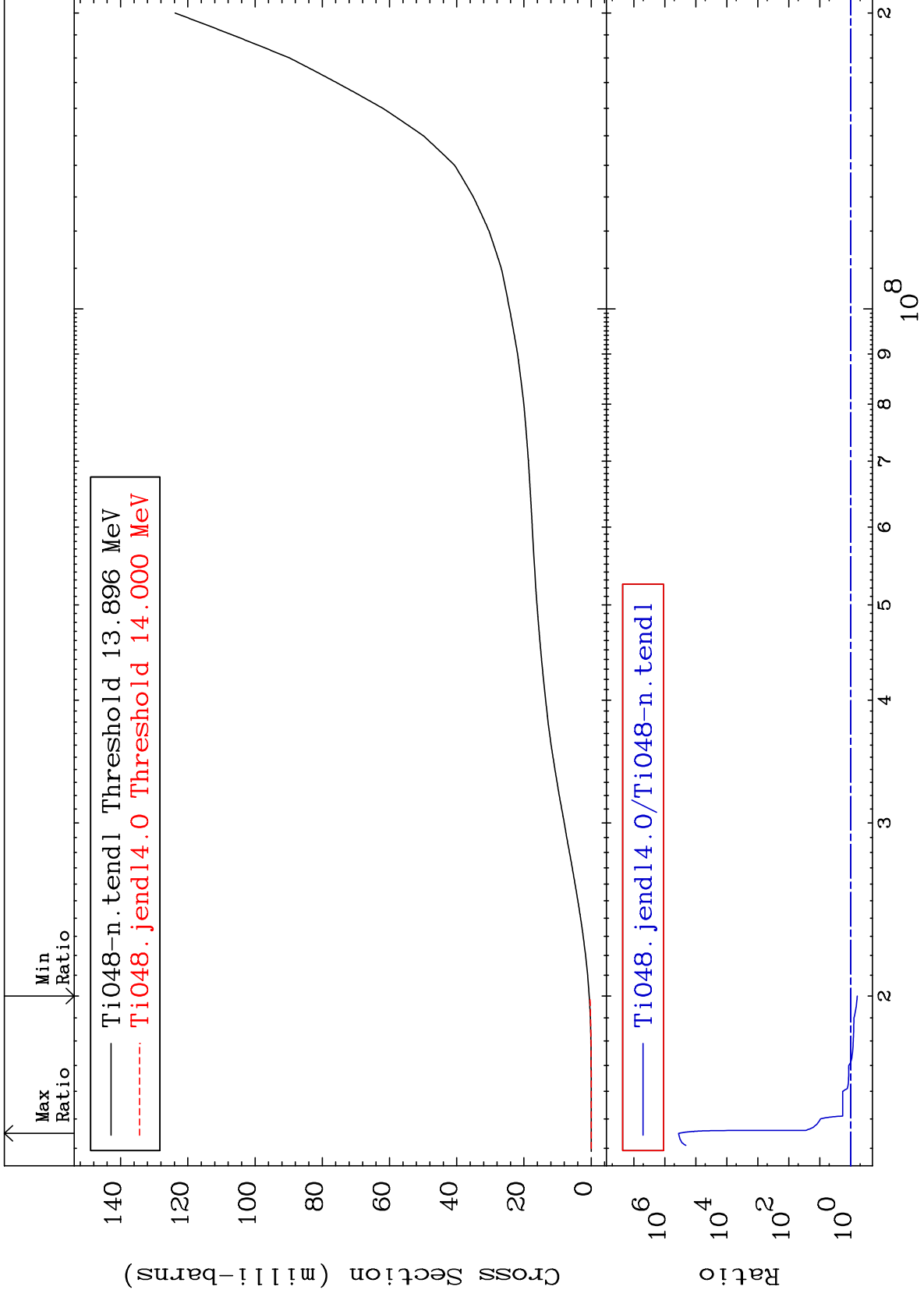
²²Ti-48
-100.0 To 1895. %



33

Incident Energy (eV)

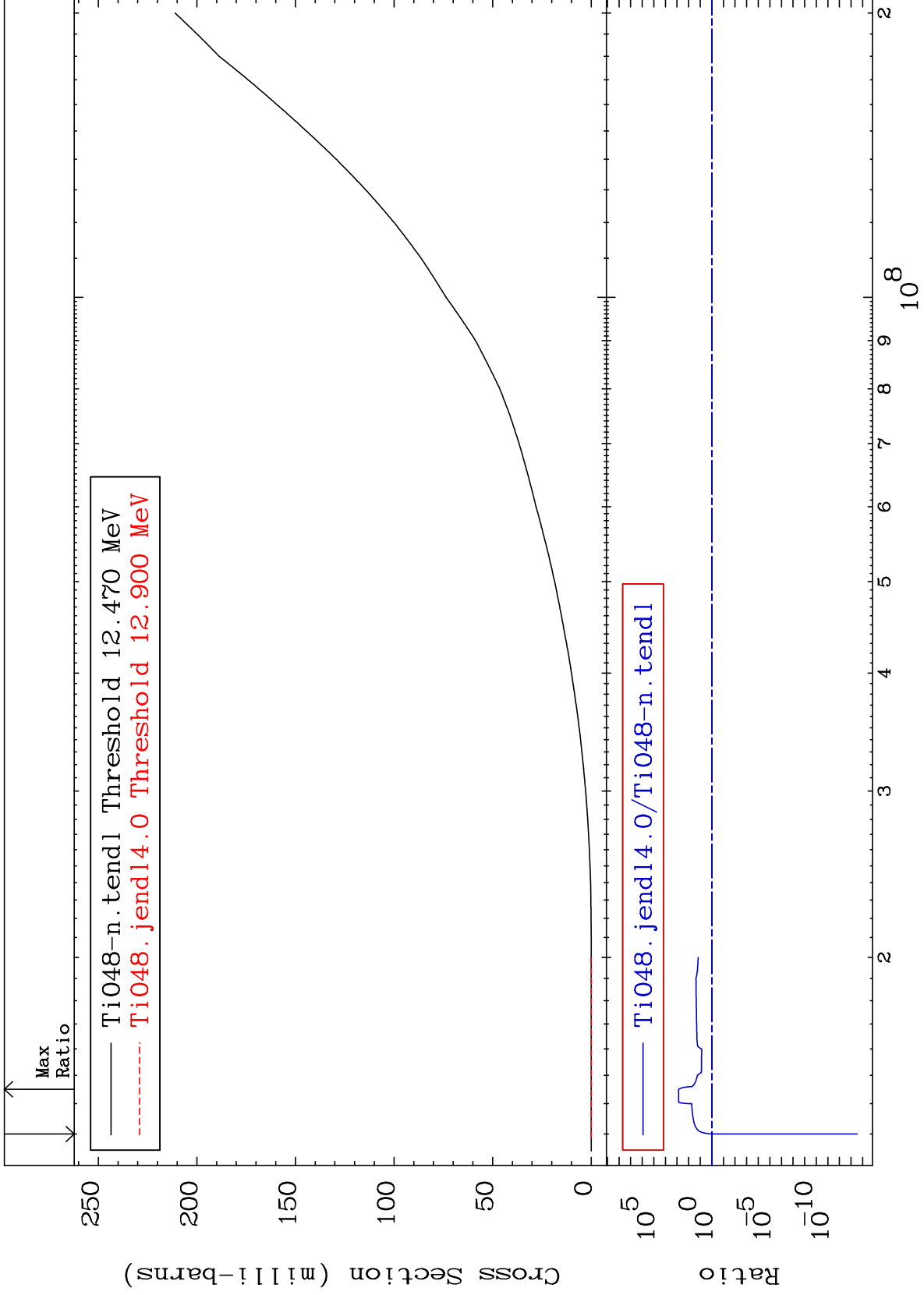
²²Ti-48



MAT 2231

He-3 Production
Cross Section

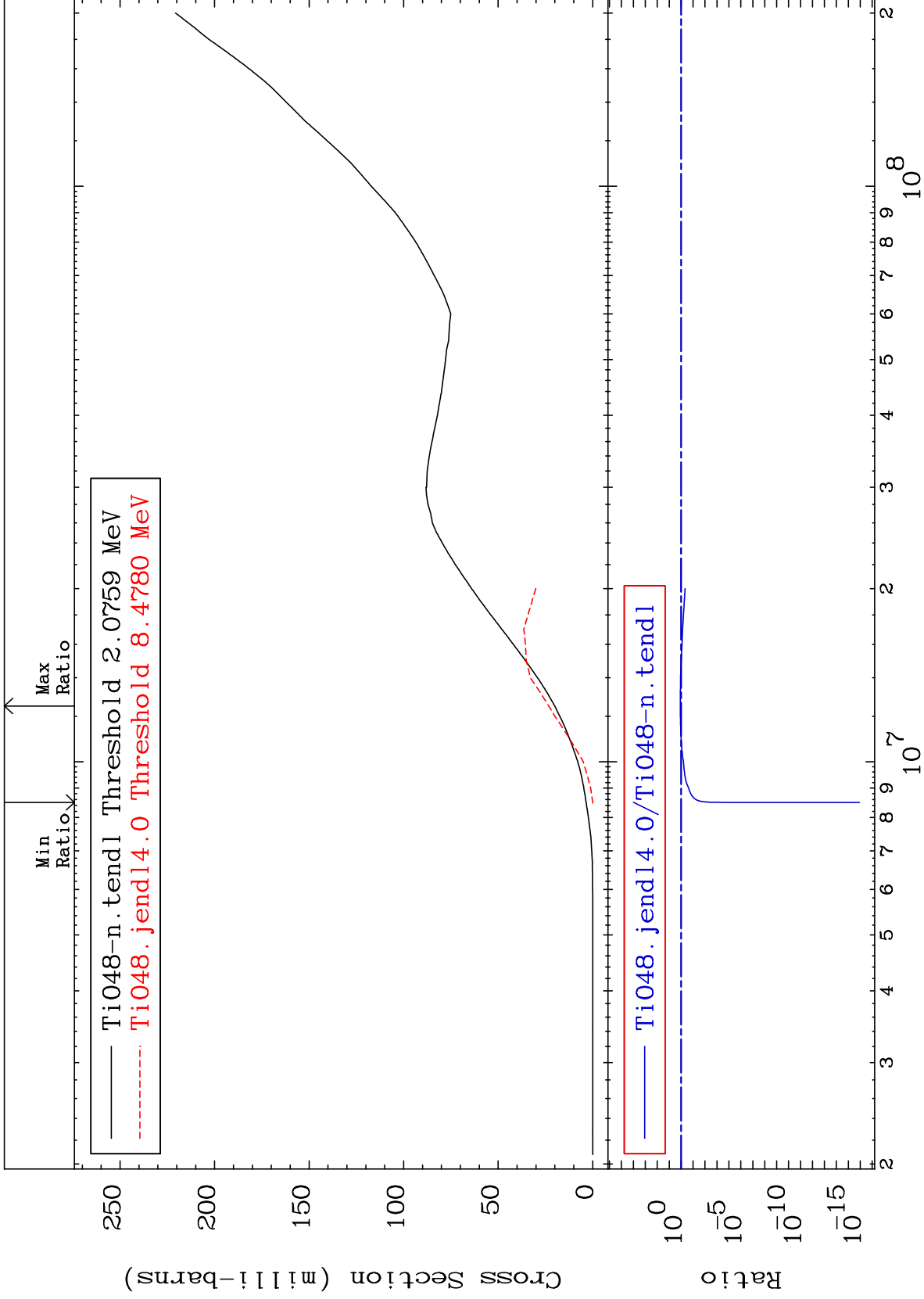
²²Ti-48
-100.0 To 9999. %



MAT 2231

He-4 Production
Cross Section

²²Ti-48
-100.0 To 15.73 %



36

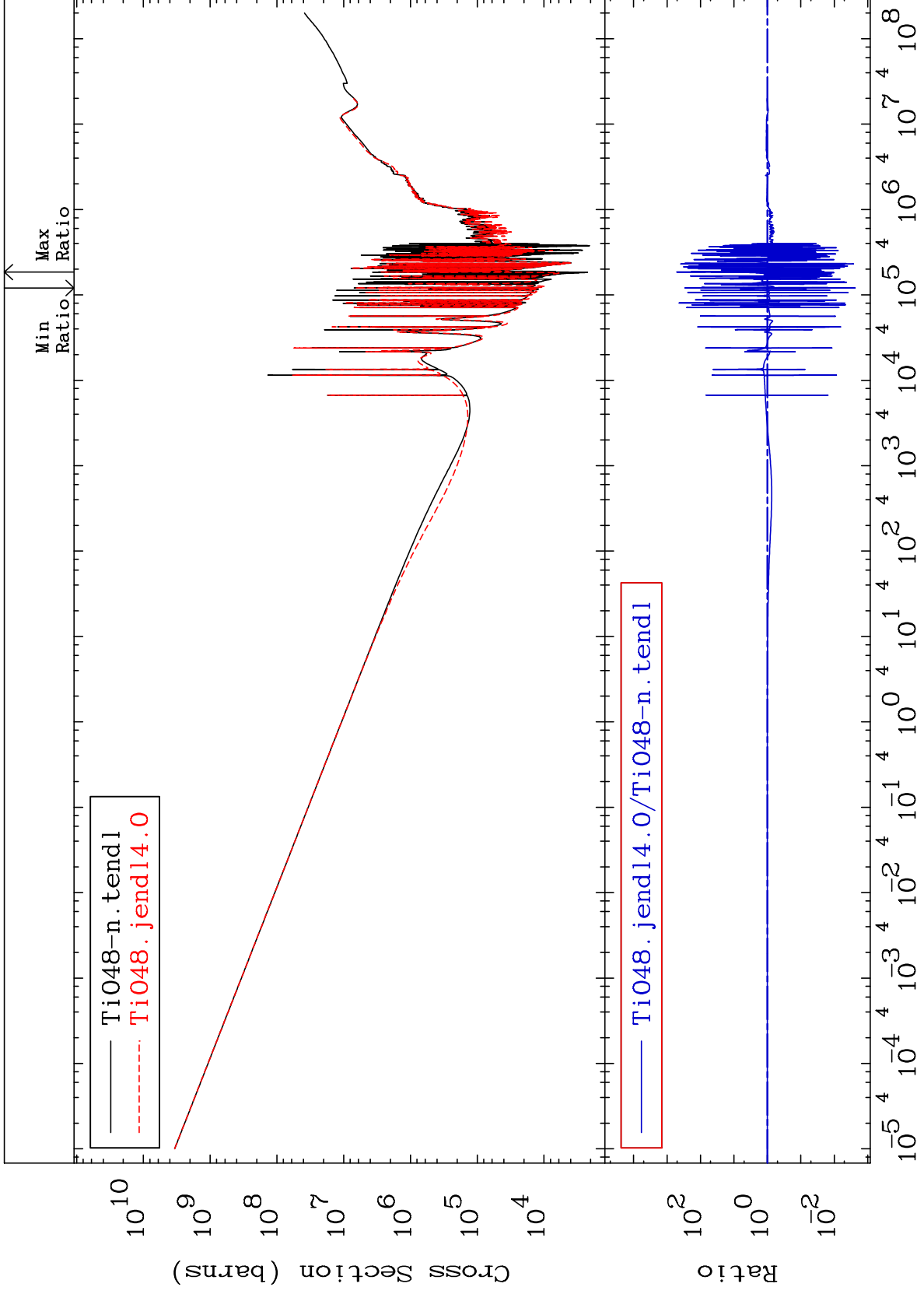
Incident Energy (eV)

²²Ti-48

MAT 2231

Kerma total (eV-barns)
Cross Section

22-Ti-48
-99.76 To 9999. %



37

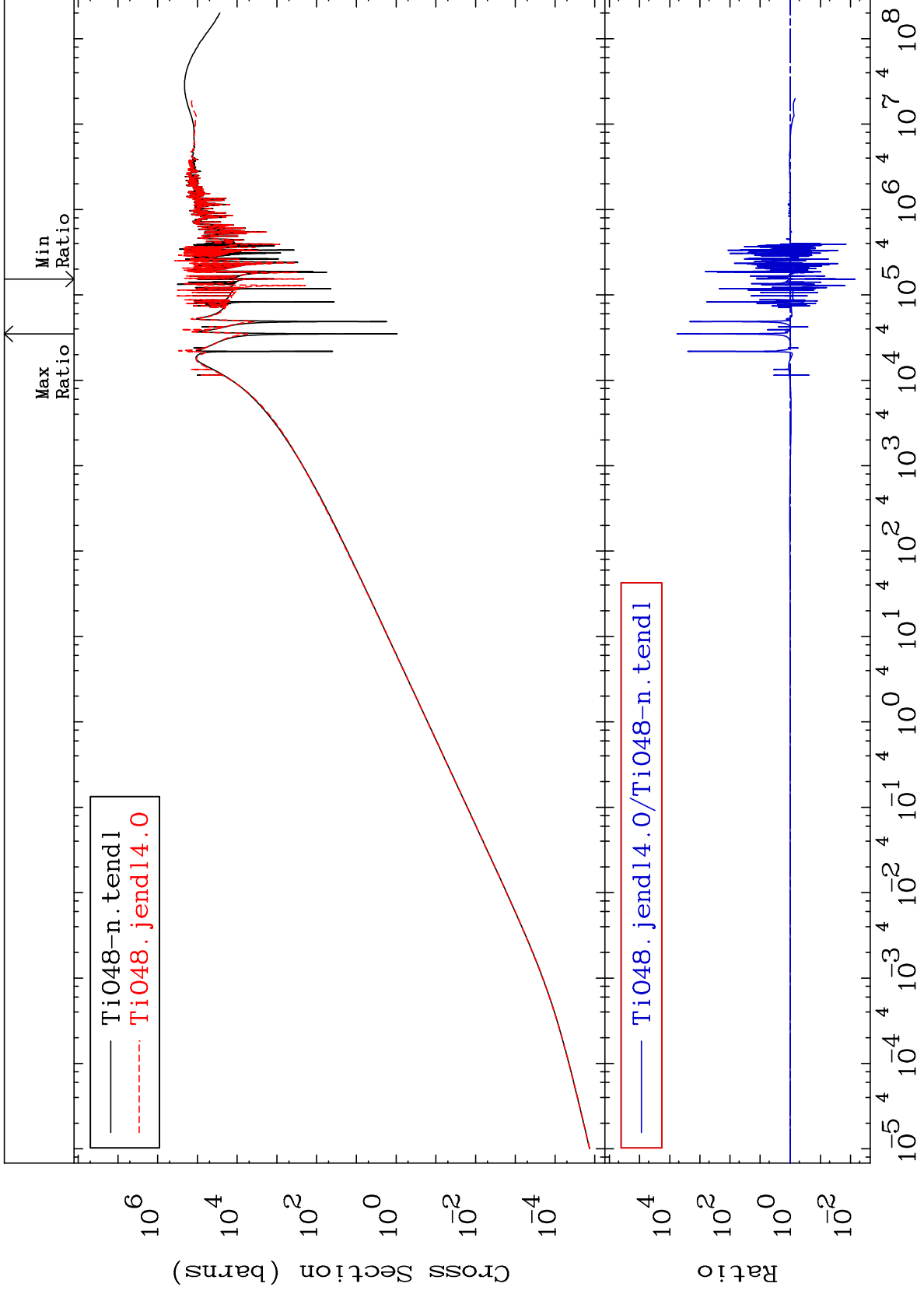
Incident Energy (eV)

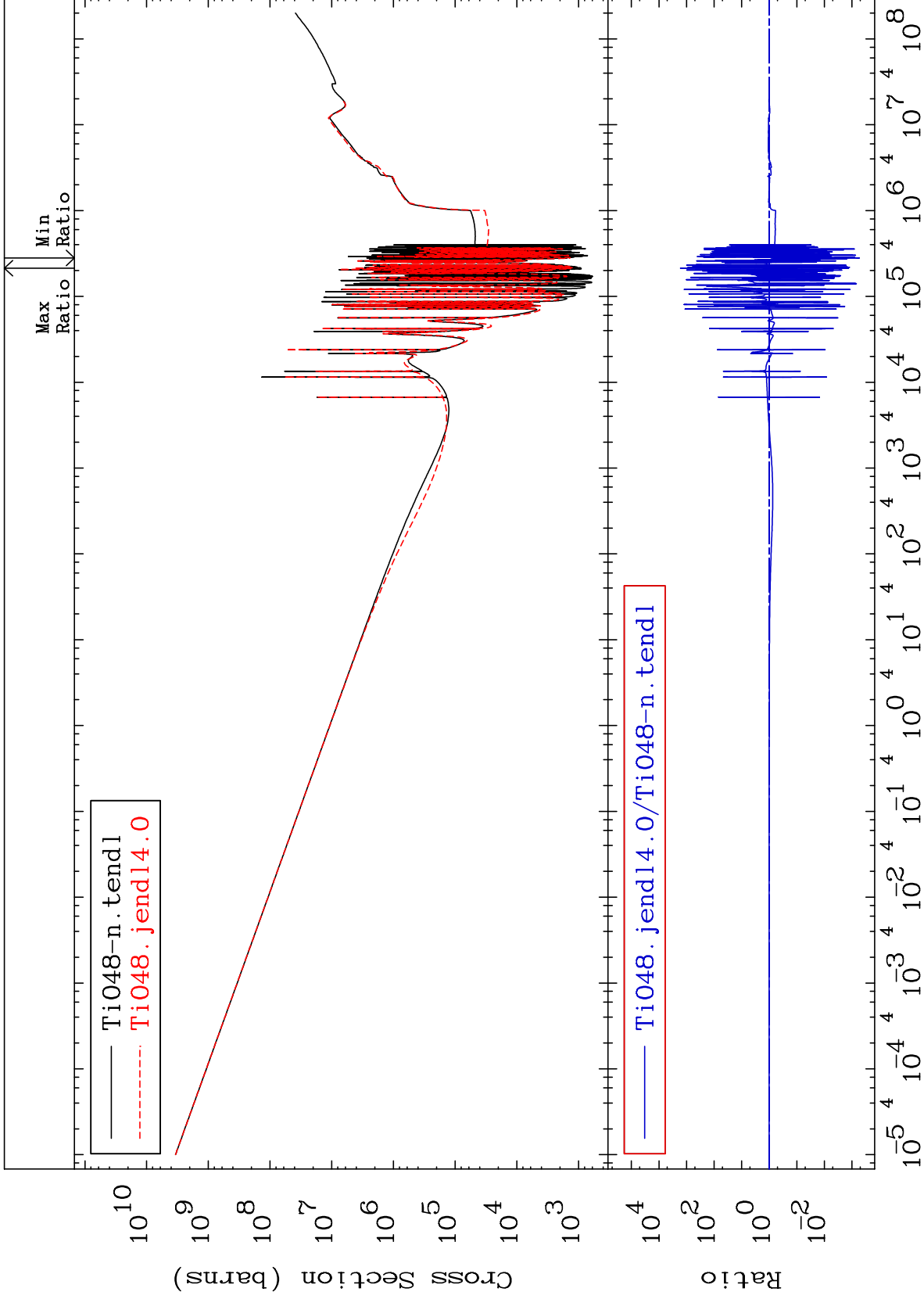
22-Ti-48

MAT 2231

Kerma elastic
Cross Section

22-Ti-48
-99.29 To 9999. %

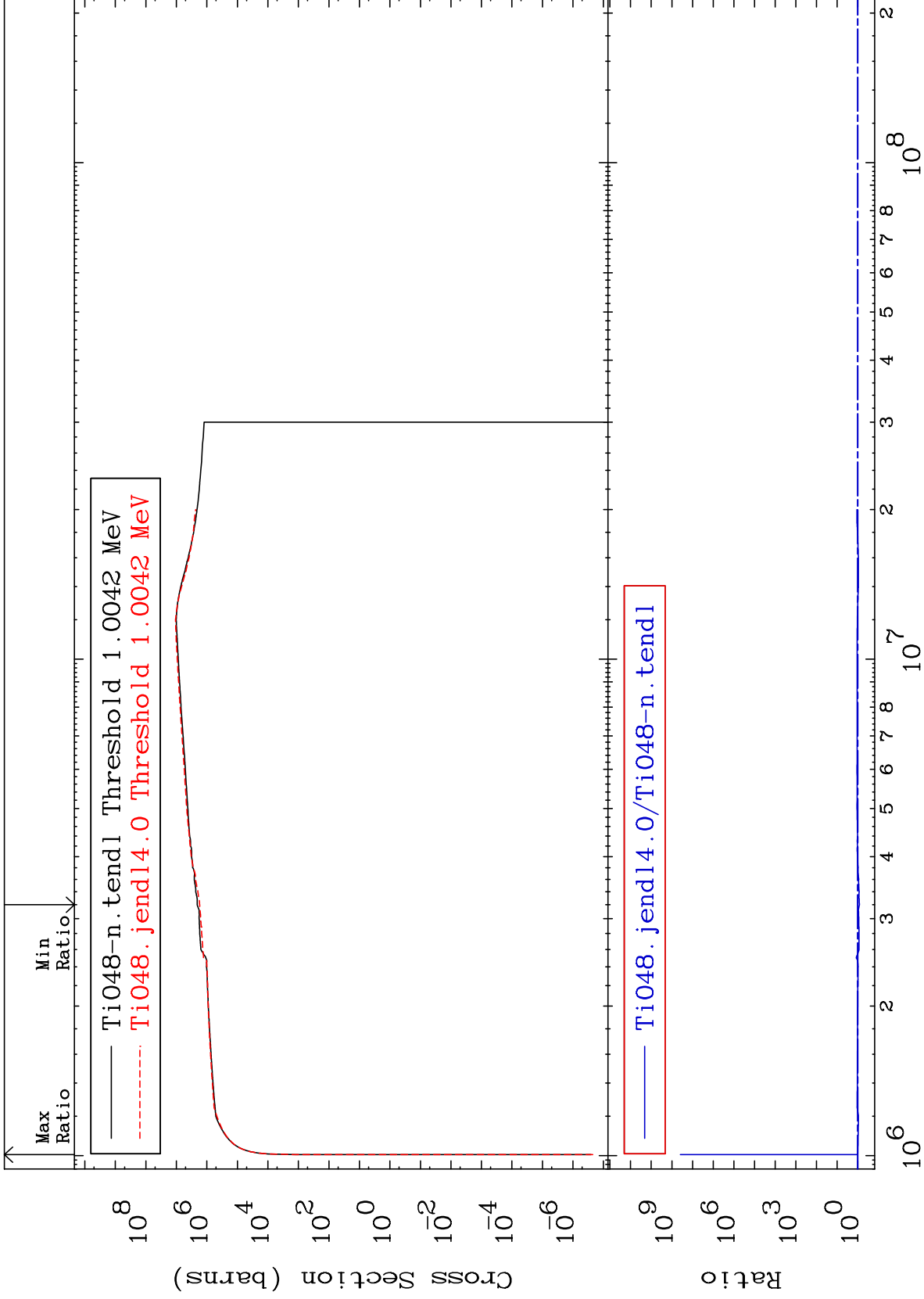




MAT 2231

Kerma inelastic (mt51-91)
Cross Section

22-Ti-48
-16.97 To 9999. %



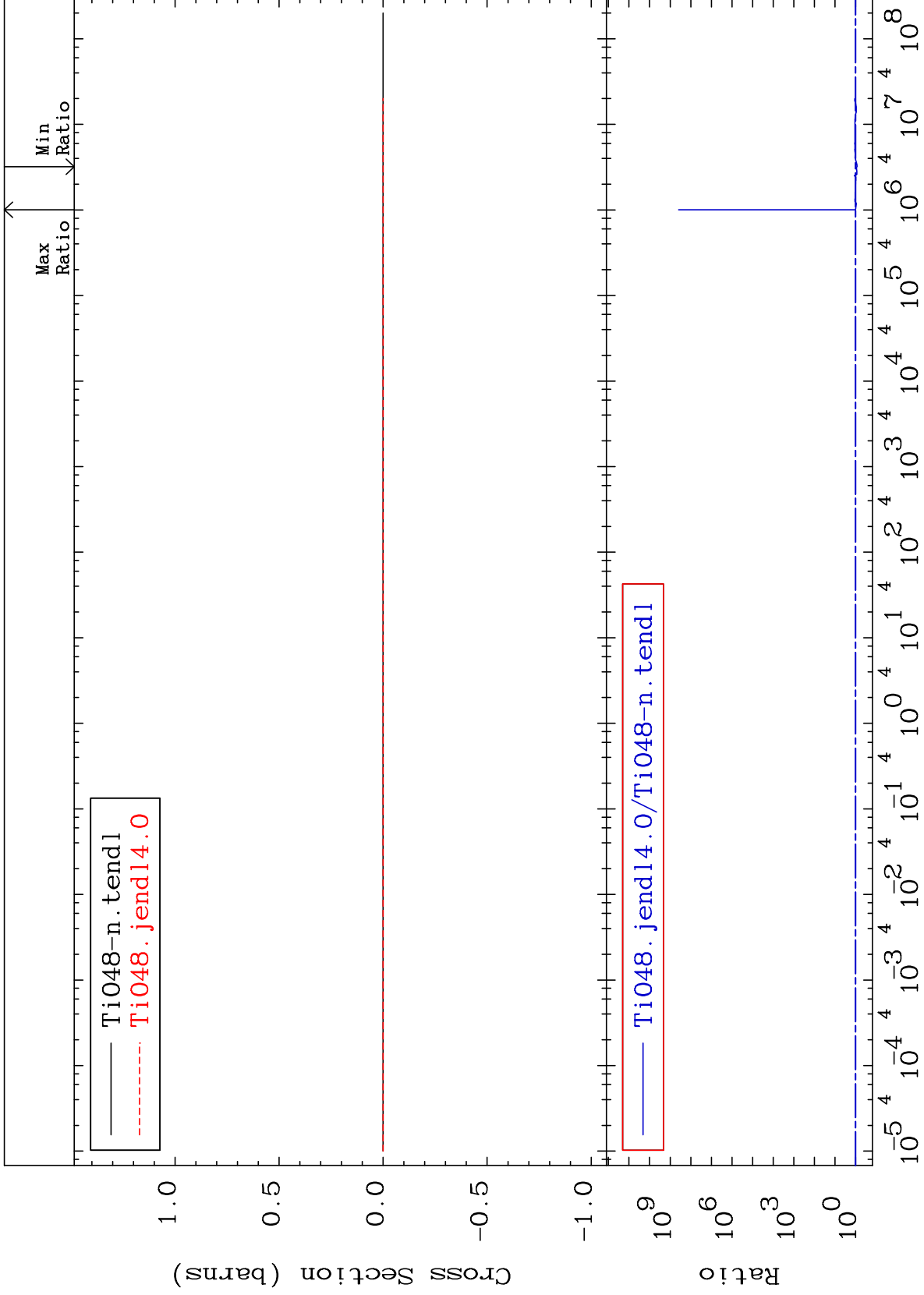
22-Ti-48

40

MAT 2231

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

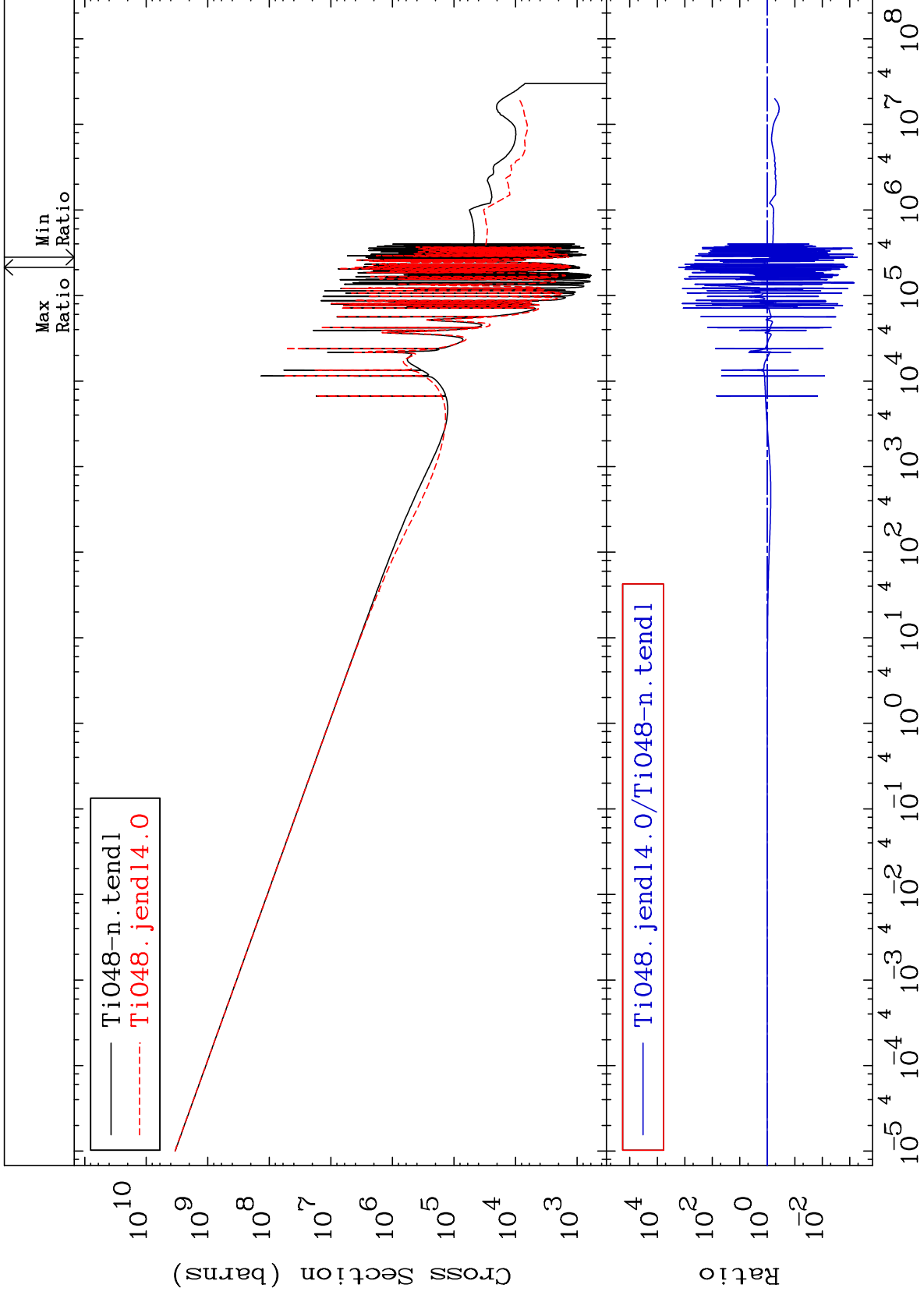
22-Ti-48
-16.97 To 9999. %



MAT 2231

Kerma capture (mt102)
Cross Section

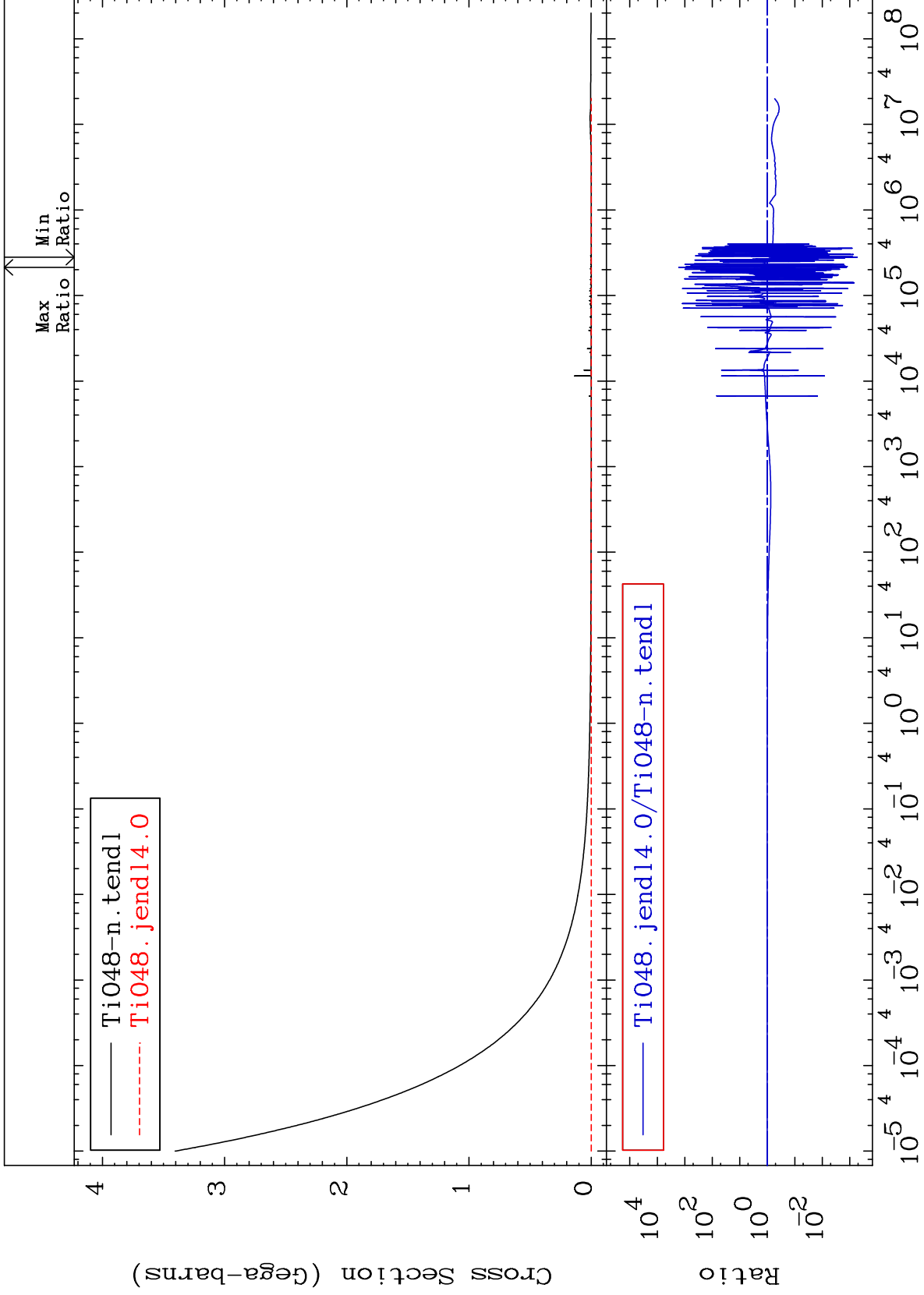
22-Ti-48
-99.95 To 9999. %



MAT 2231

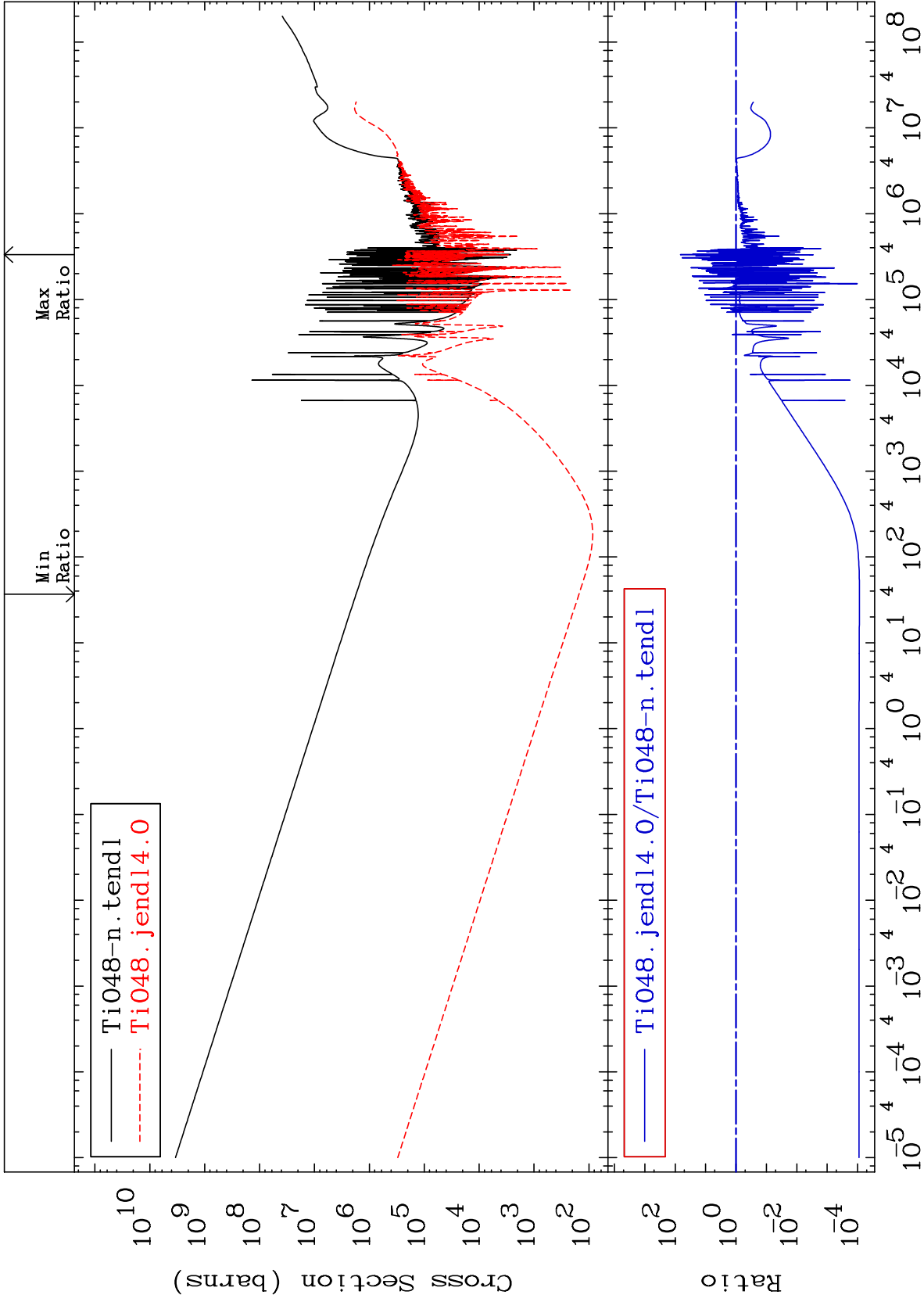
Total photon (eV-barns)
Cross Section

22-Ti-48
-99.95 To 9999. %



43

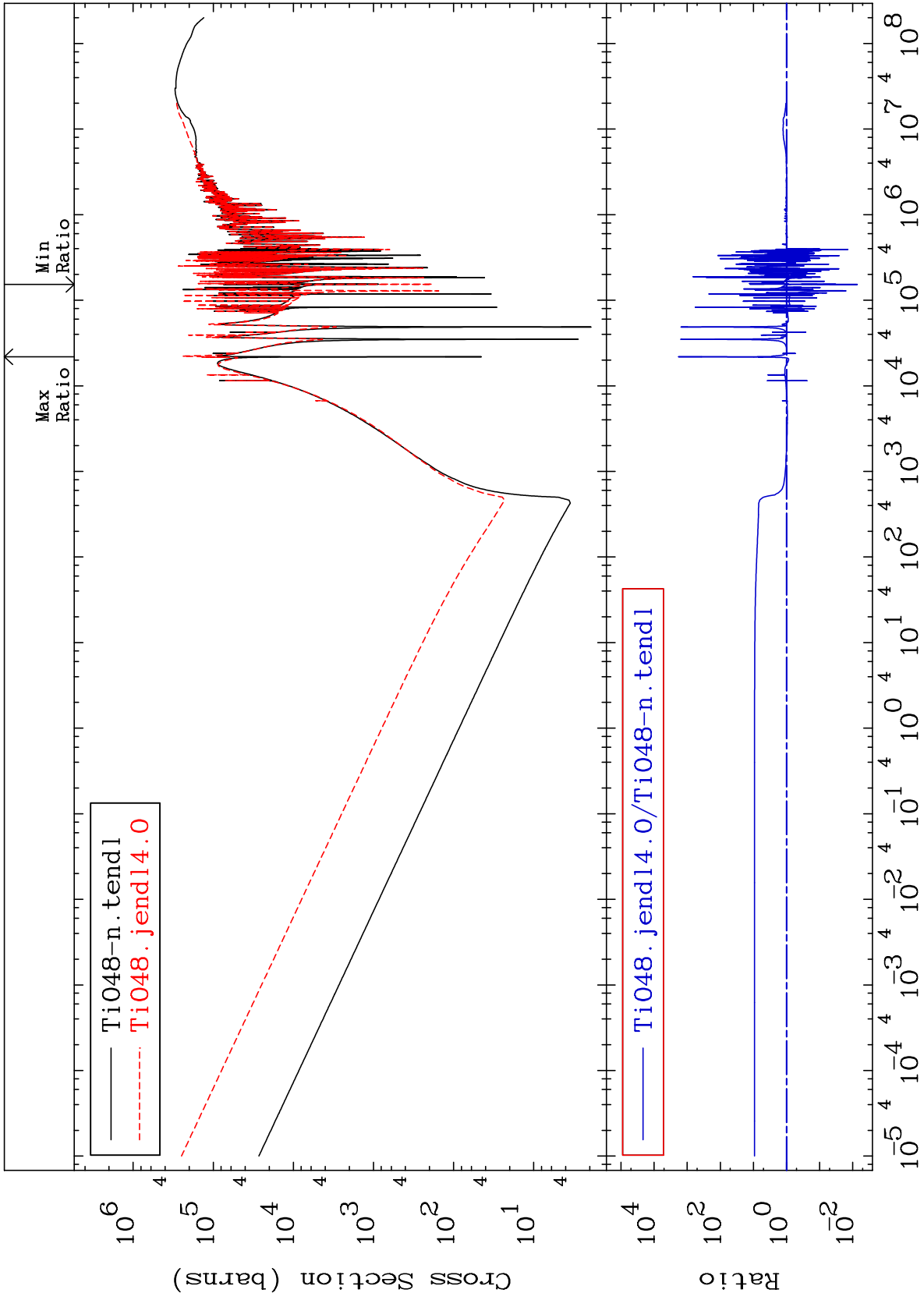
22-Ti-48



MAT 2231

Dpa total (eV-barns)
Cross Section

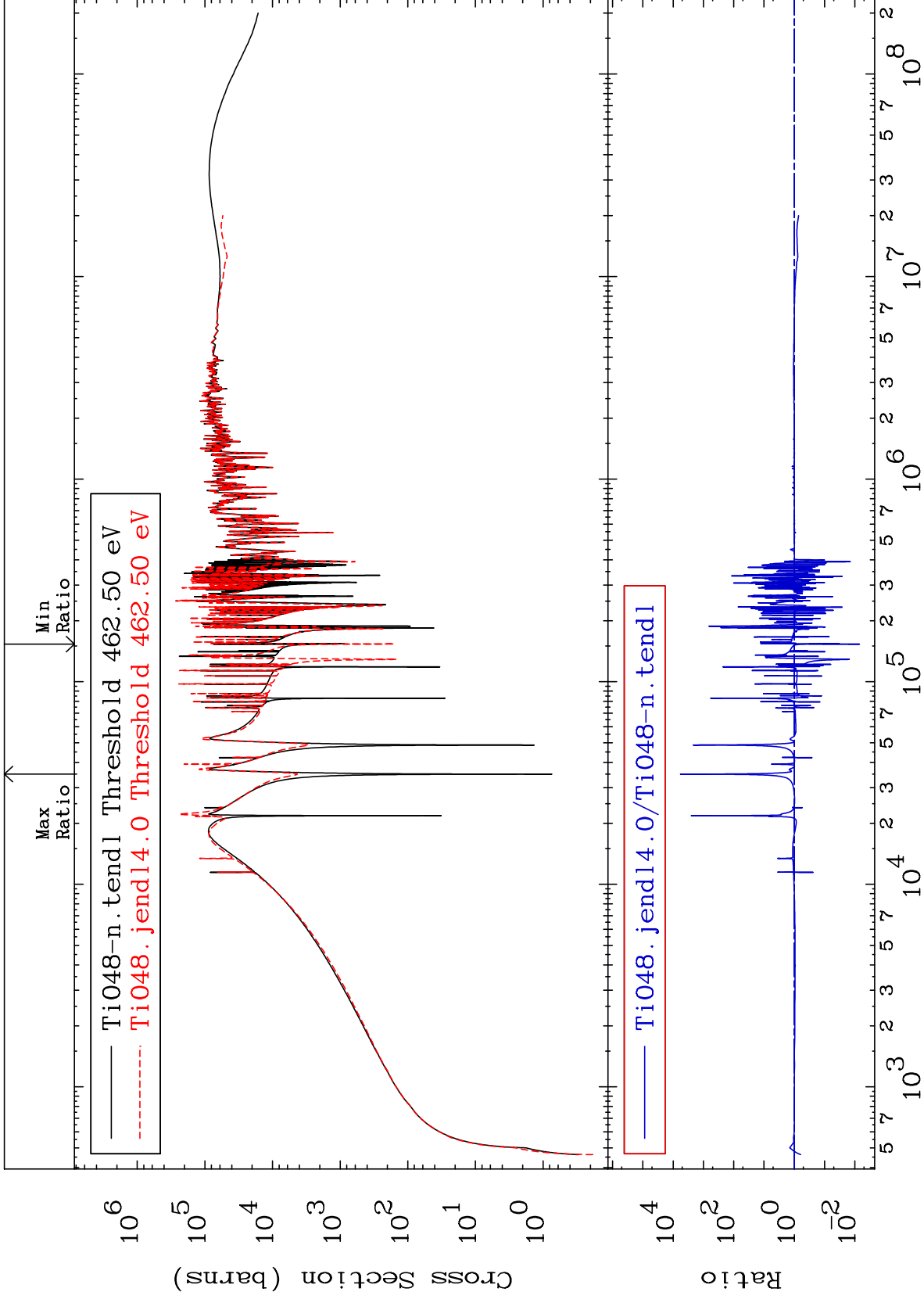
22-Ti-48
-99.27 To 9999. %

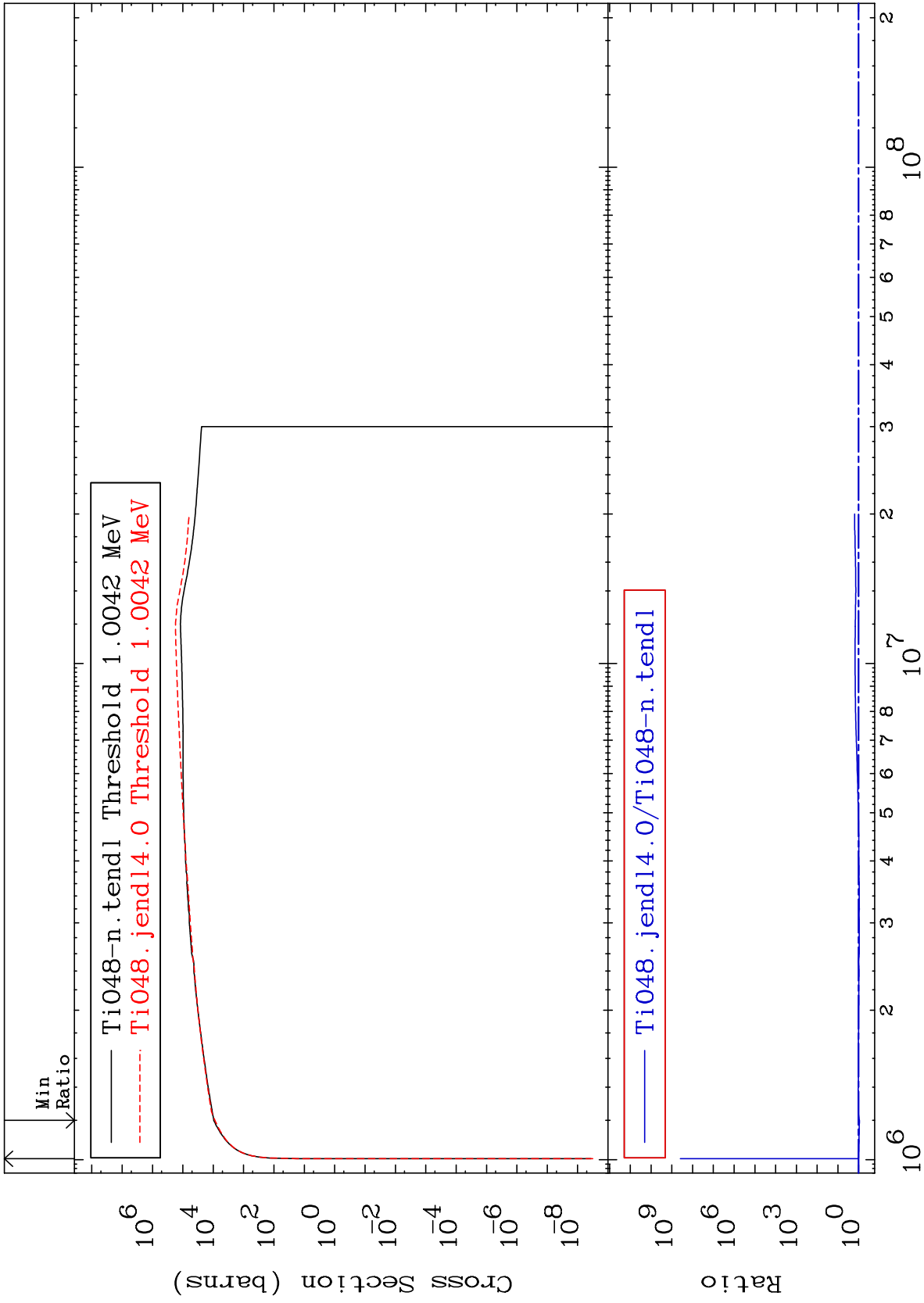


45

Incident Energy (eV)

22-Ti-48

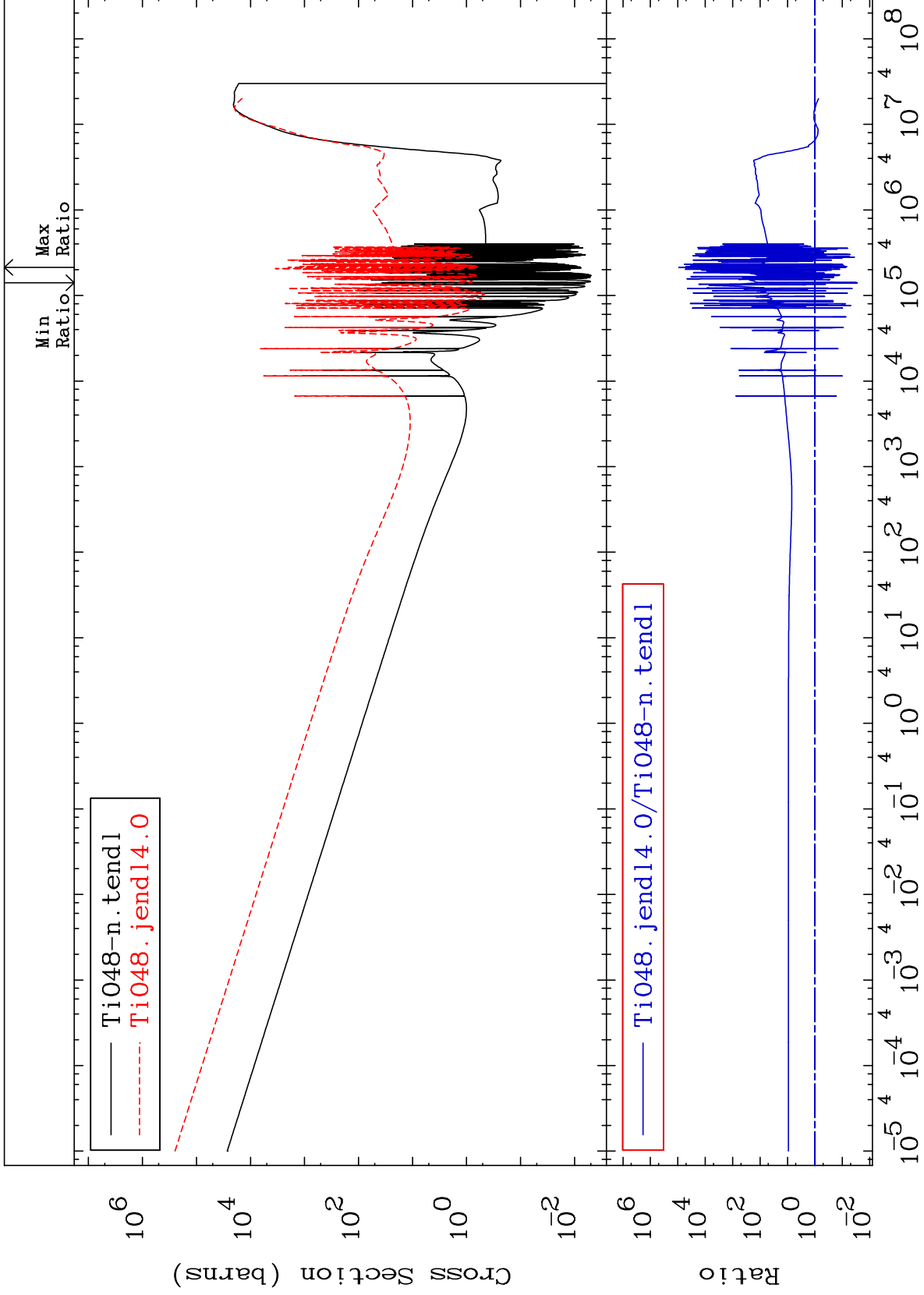




MAT 2231

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-48
-97.15 To 9999. %



48

Incident Energy (eV)

22-Ti-48