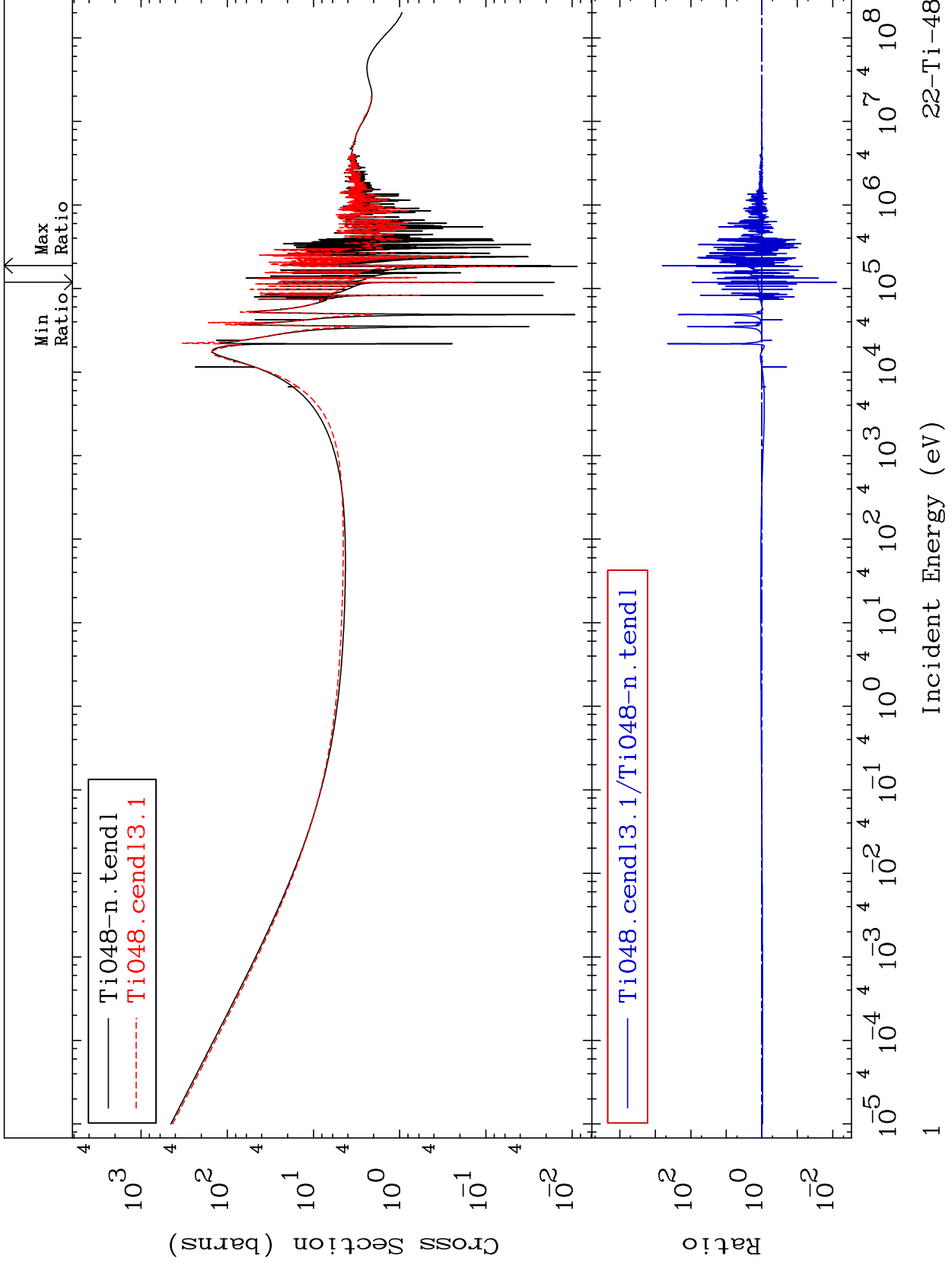


MAT 2231

Total
Cross Section

22-Ti-48
-99.22 To 9999. %



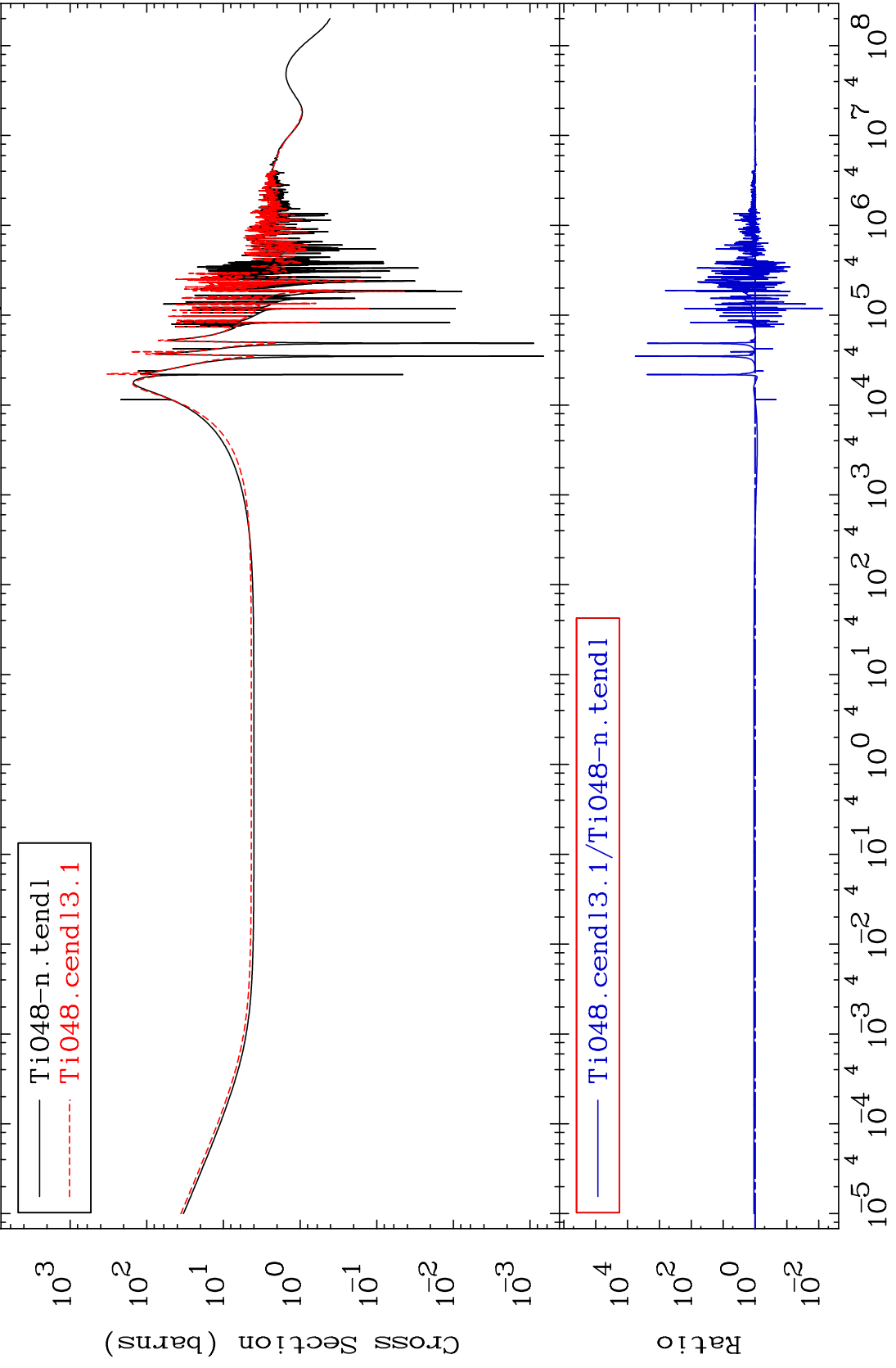
22-Ti-48

Incident Energy (eV)

MAT 2231

Elastic
Cross Section

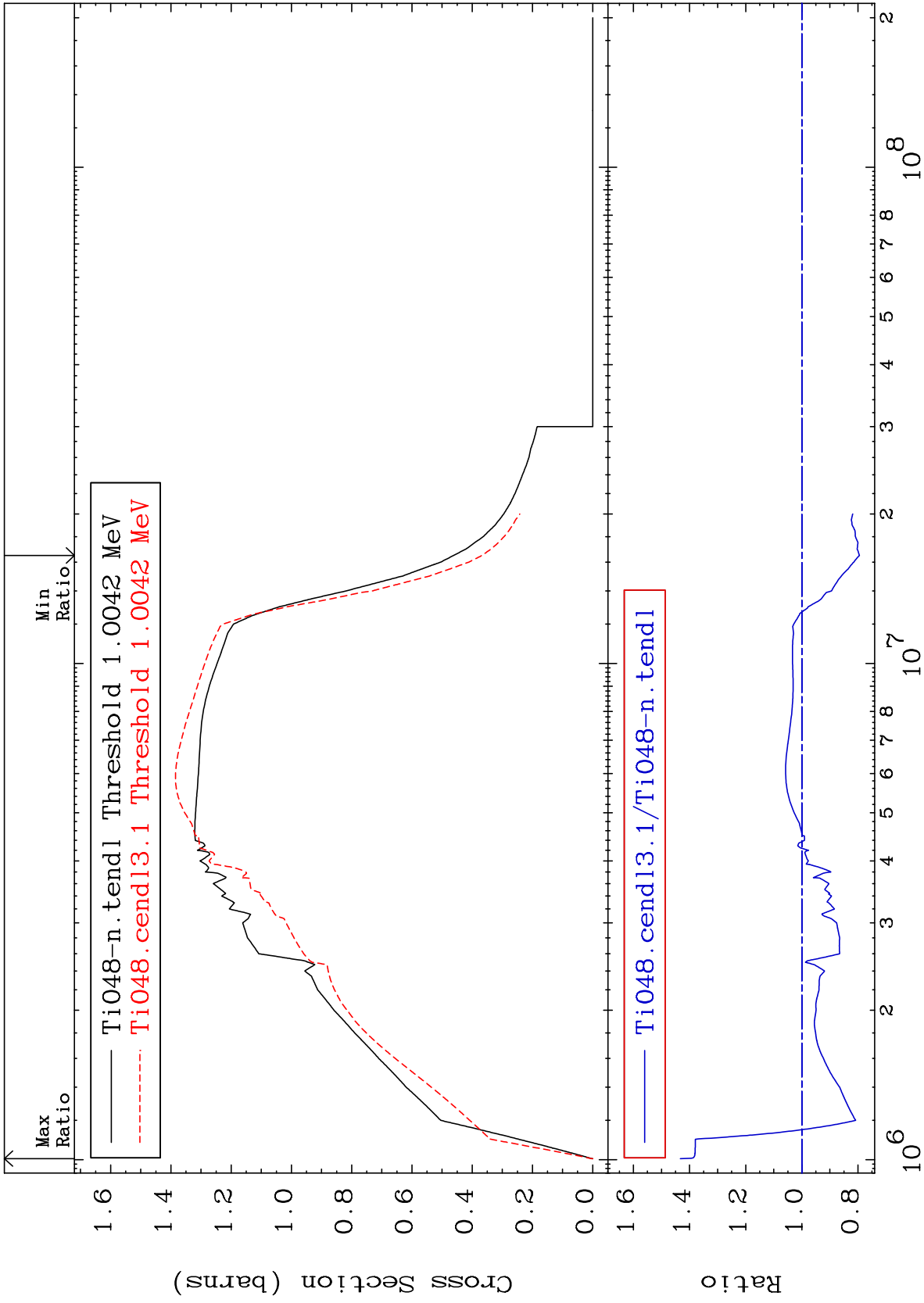
22-Ti-48
-99.25 To 9999. %



MAT 2231

Inelastic
Cross Section

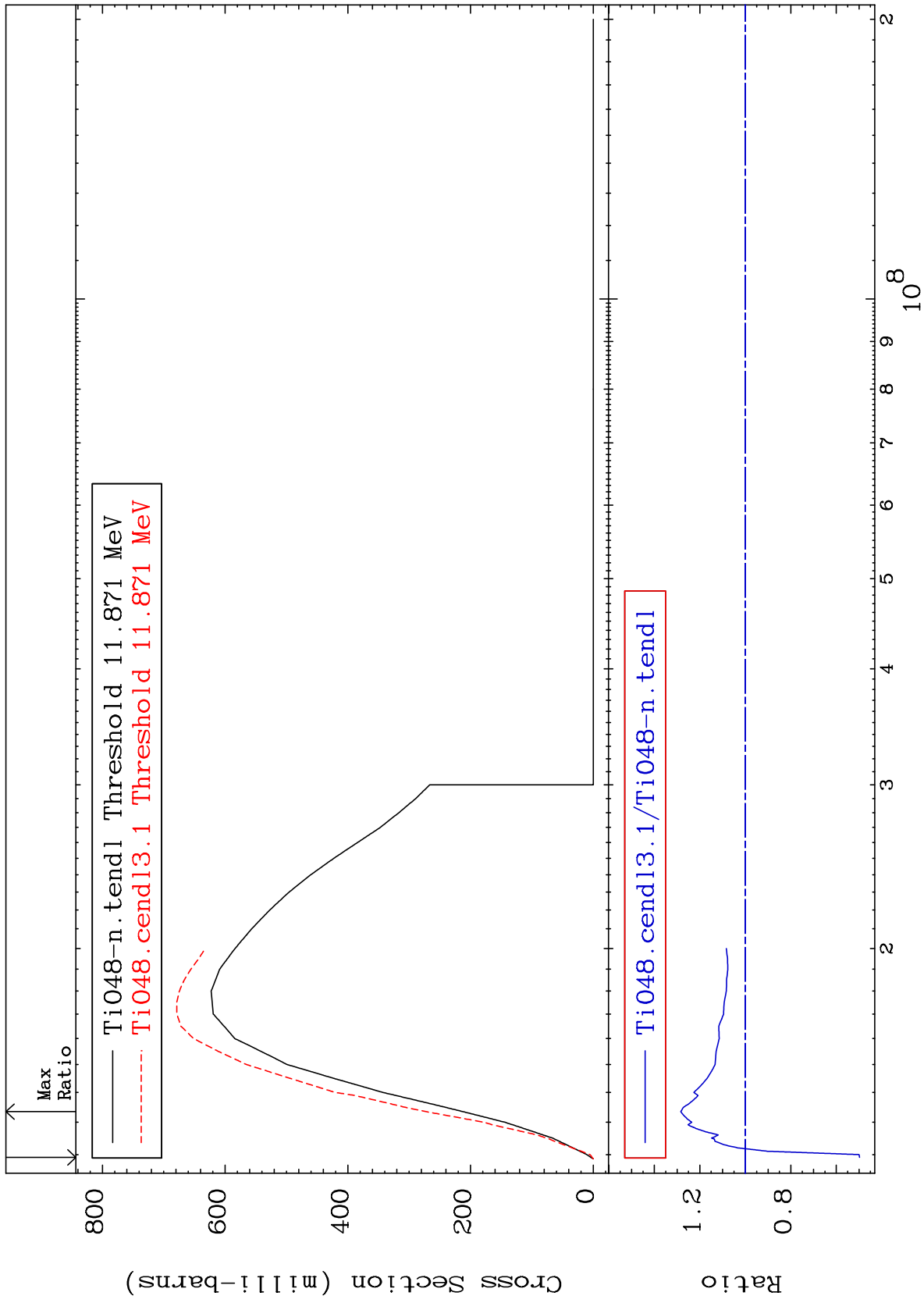
²²Ti-48
-20.51 To 43.27 %



Incident Energy (eV)

²²Ti-48

MAT 2231 (n,2n) Cross Section 22-Ti-48 -50.21 To 28.38 %

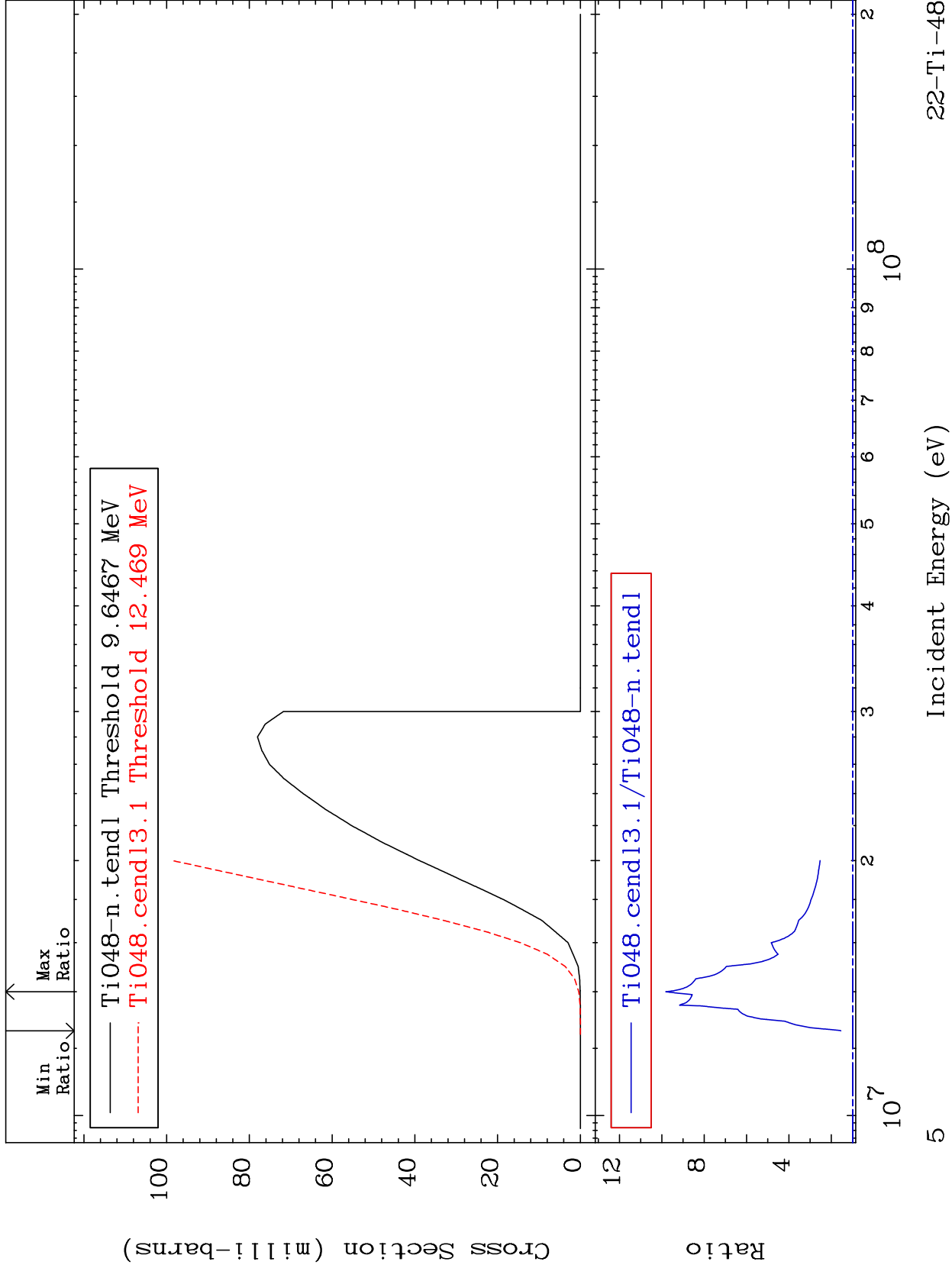


4 Incident Energy (eV) 22-Ti-48

MAT 2231

(n, n') α
Cross Section

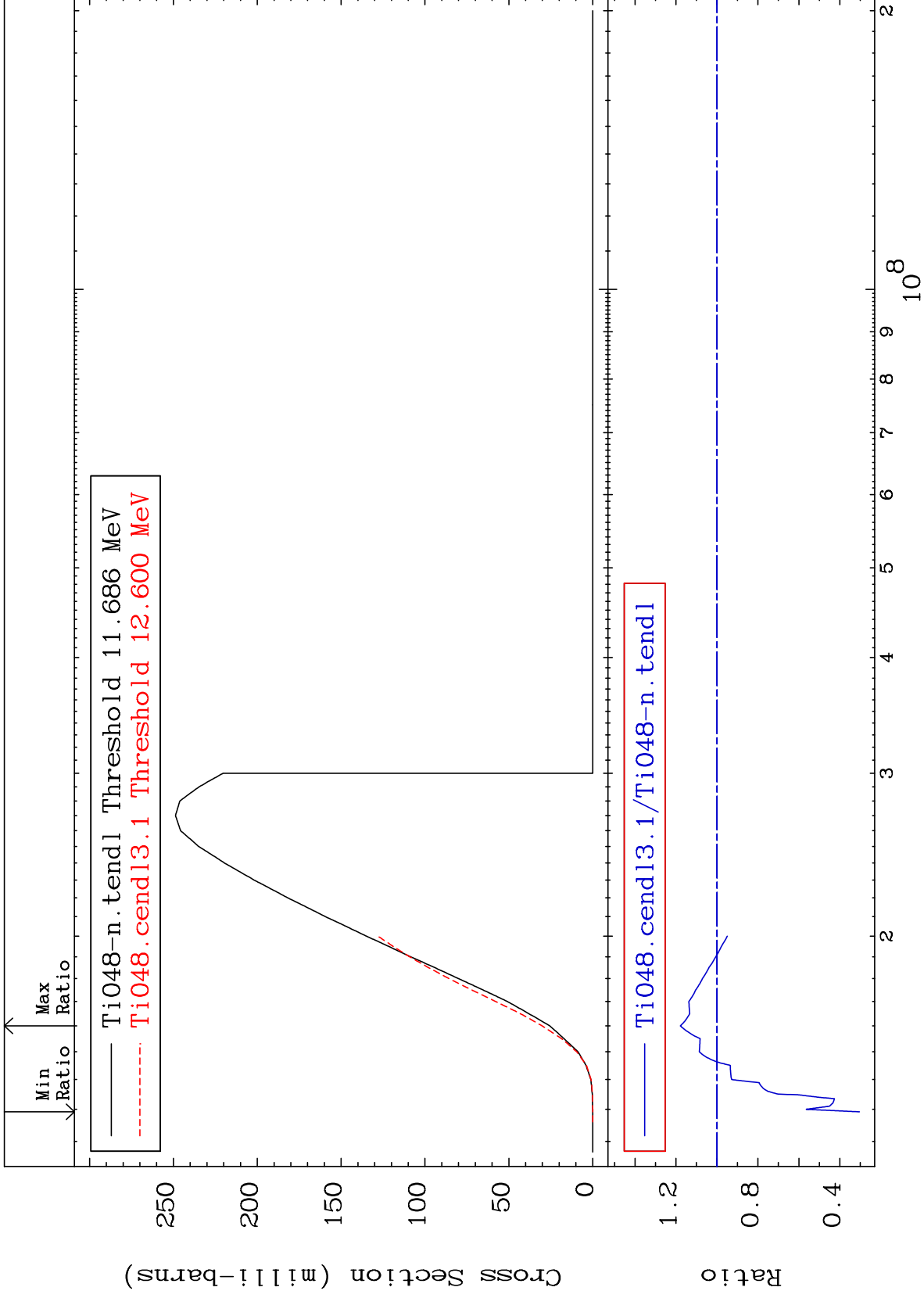
22-Ti-48
55.27 To 880.5 %



MAT 2231

(n, n') p
Cross Section

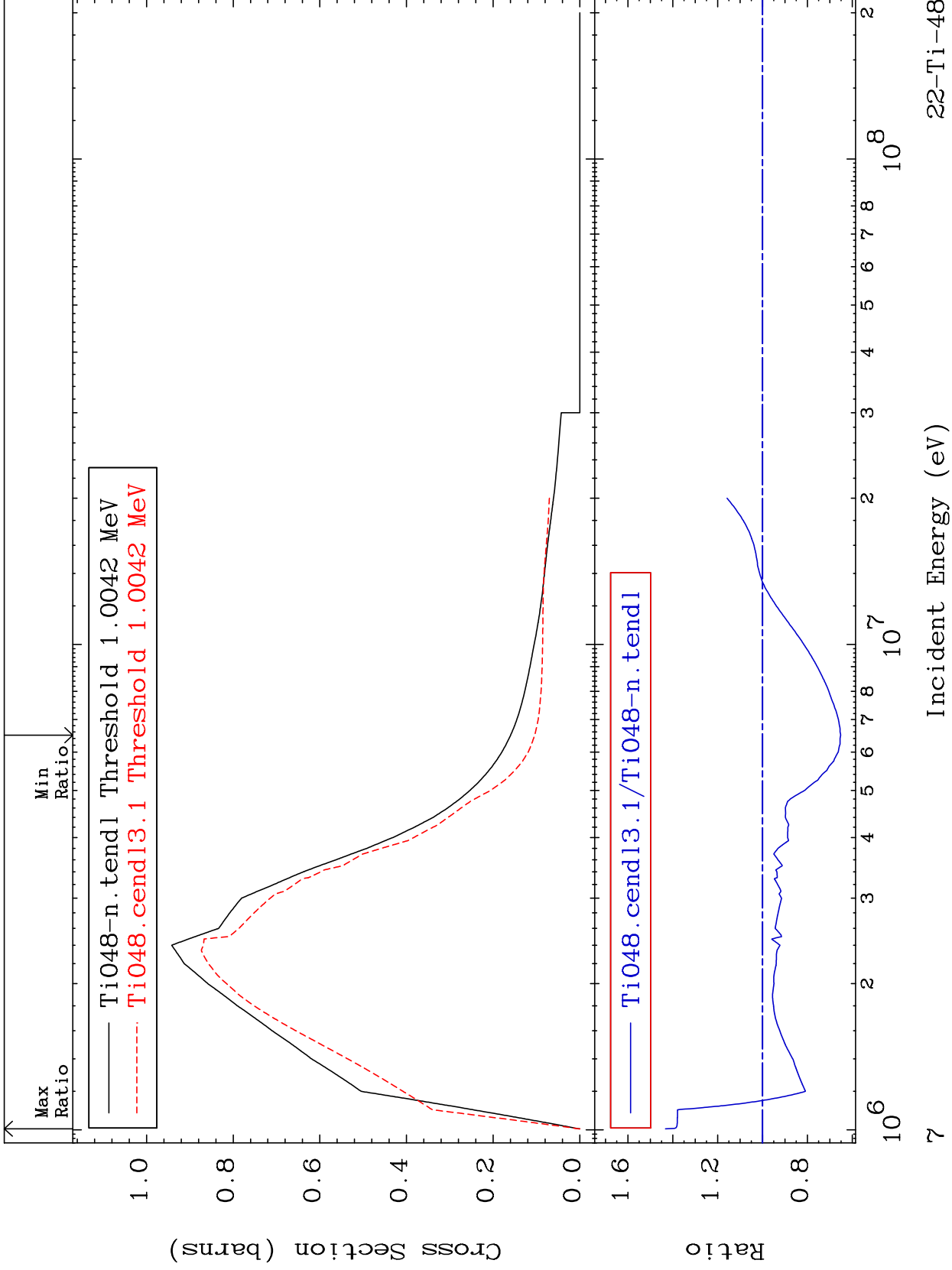
²²Ti-48
-69.56 To 17.87 %



MAT 2231

983.5 keV (n,n') Level
Cross Section

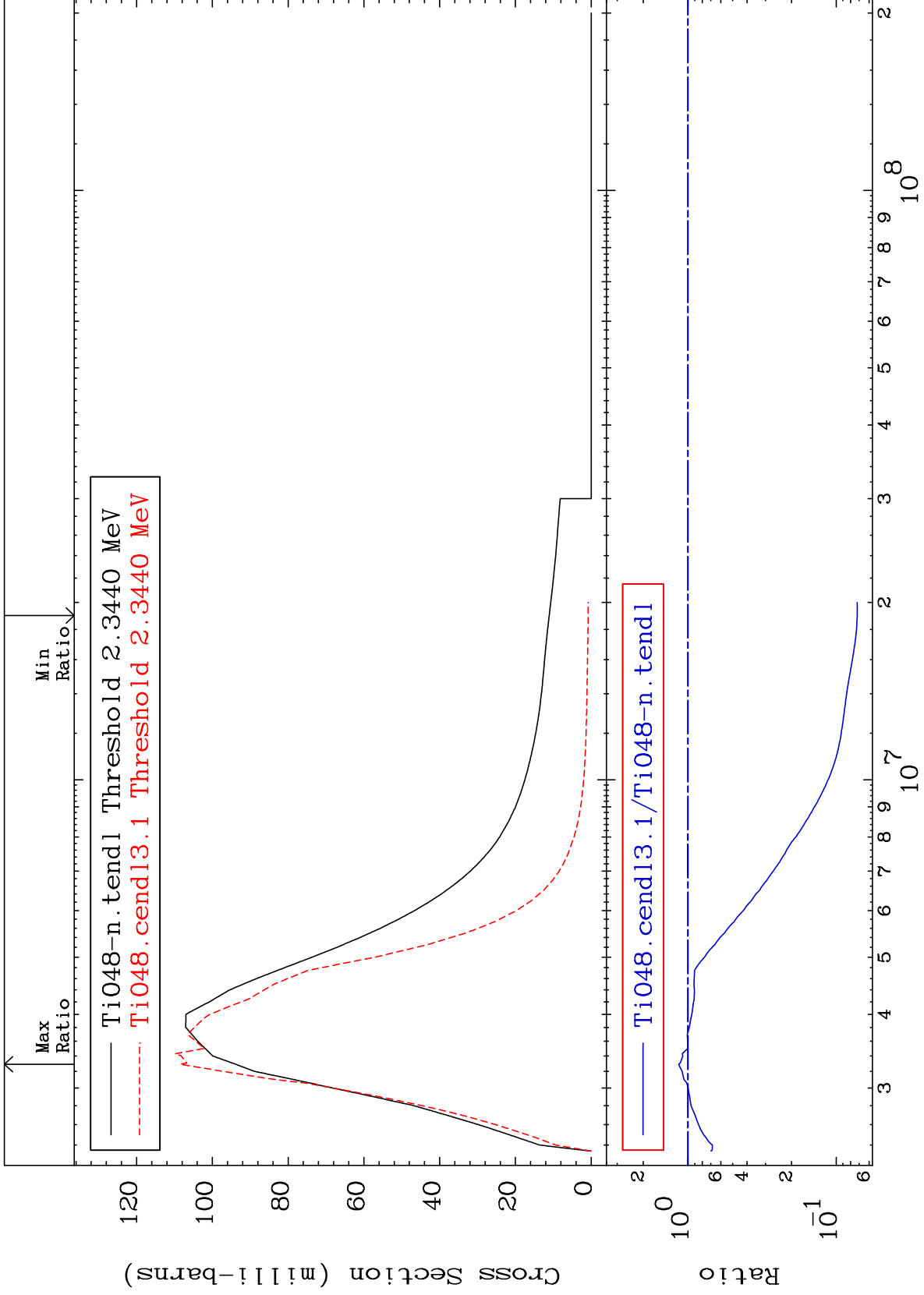
22-Ti-48
-34.83 To 43.27 %



MAT 2231

2.296 MeV (n,n') Level
Cross Section

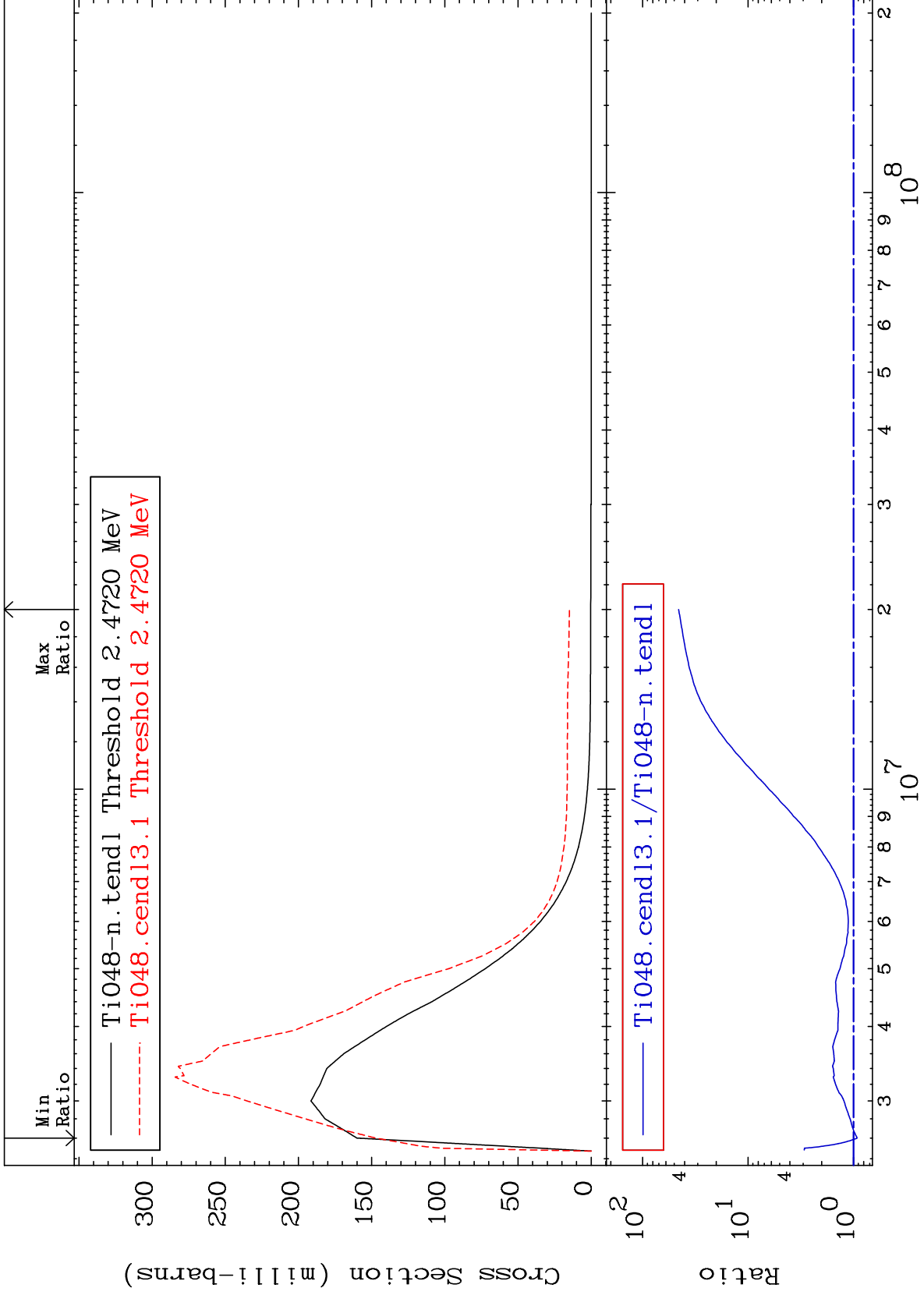
22-Ti-48
-92.79 To 15.54 %



MAT 2231

2.421 MeV (n,n') Level
Cross Section

22-Ti-48
-8.011 To 4449. %



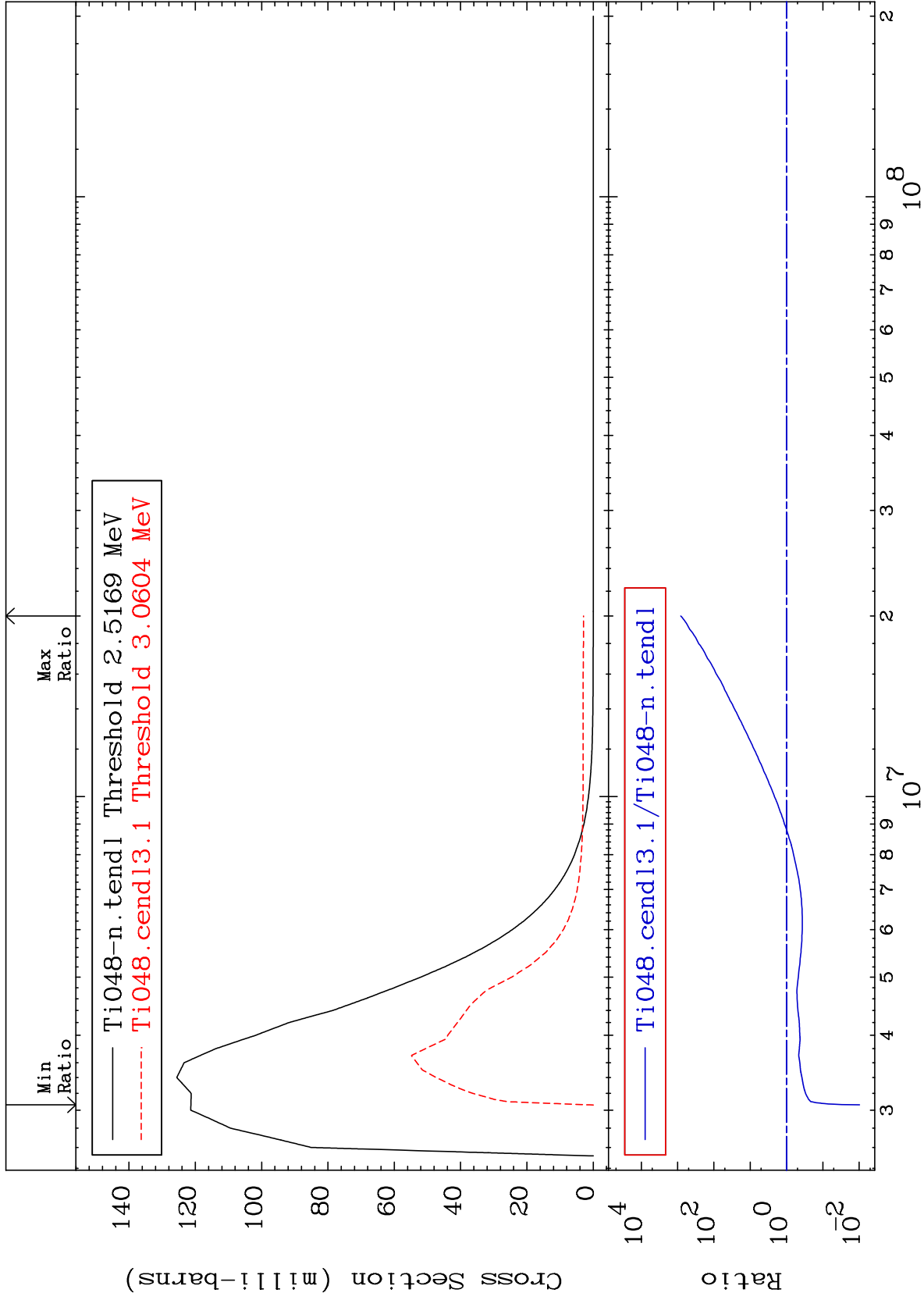
MAT 2231

2.465 MeV (n,n') Level

²²Ti-48

-99.02 To 9999. %

Cross Section



10

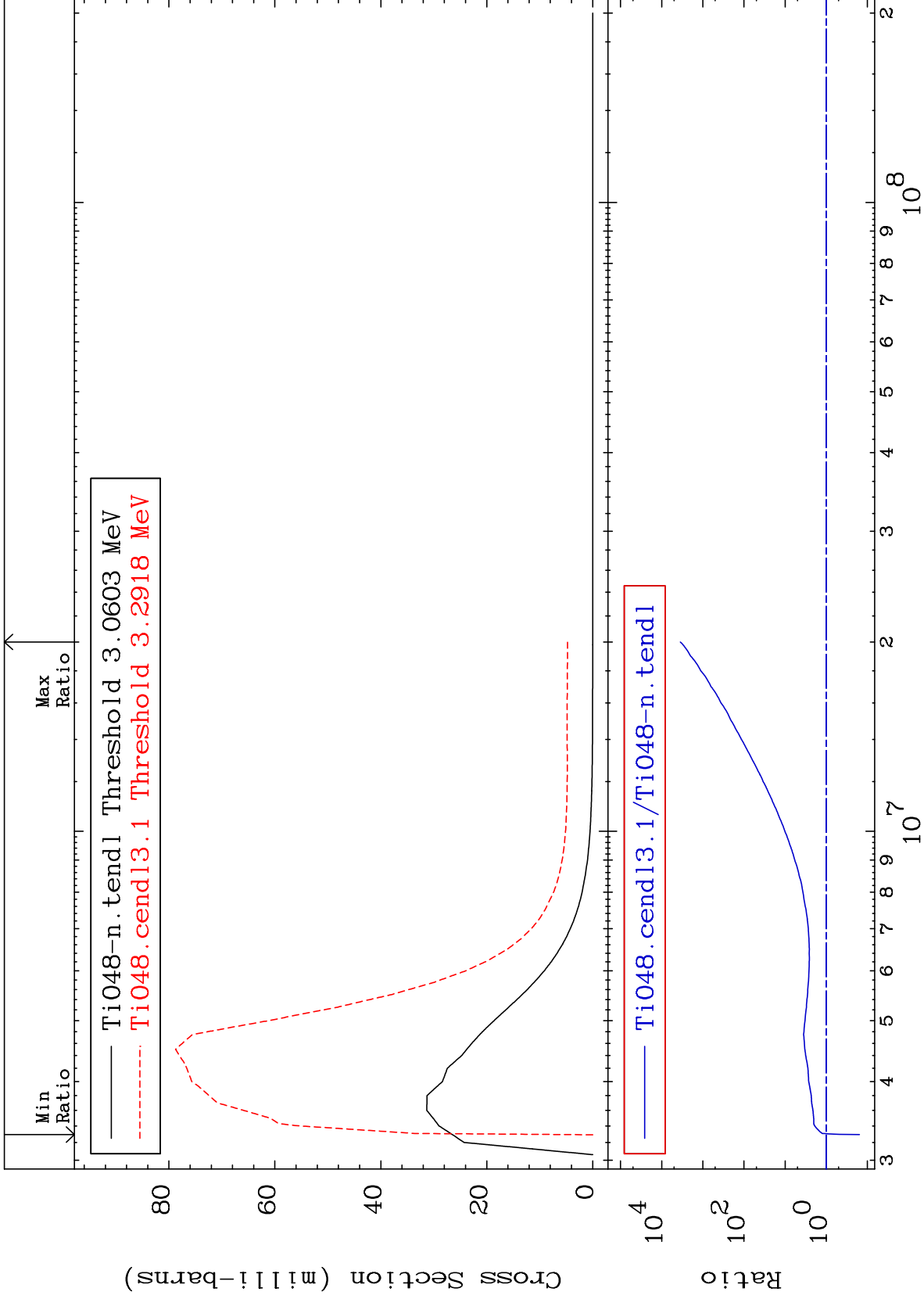
Incident Energy (eV)

²²Ti-48

MAT 2231

2.997 MeV (n,n') Level
Cross Section

22-Ti-48
-84.39 To 9999. %



11

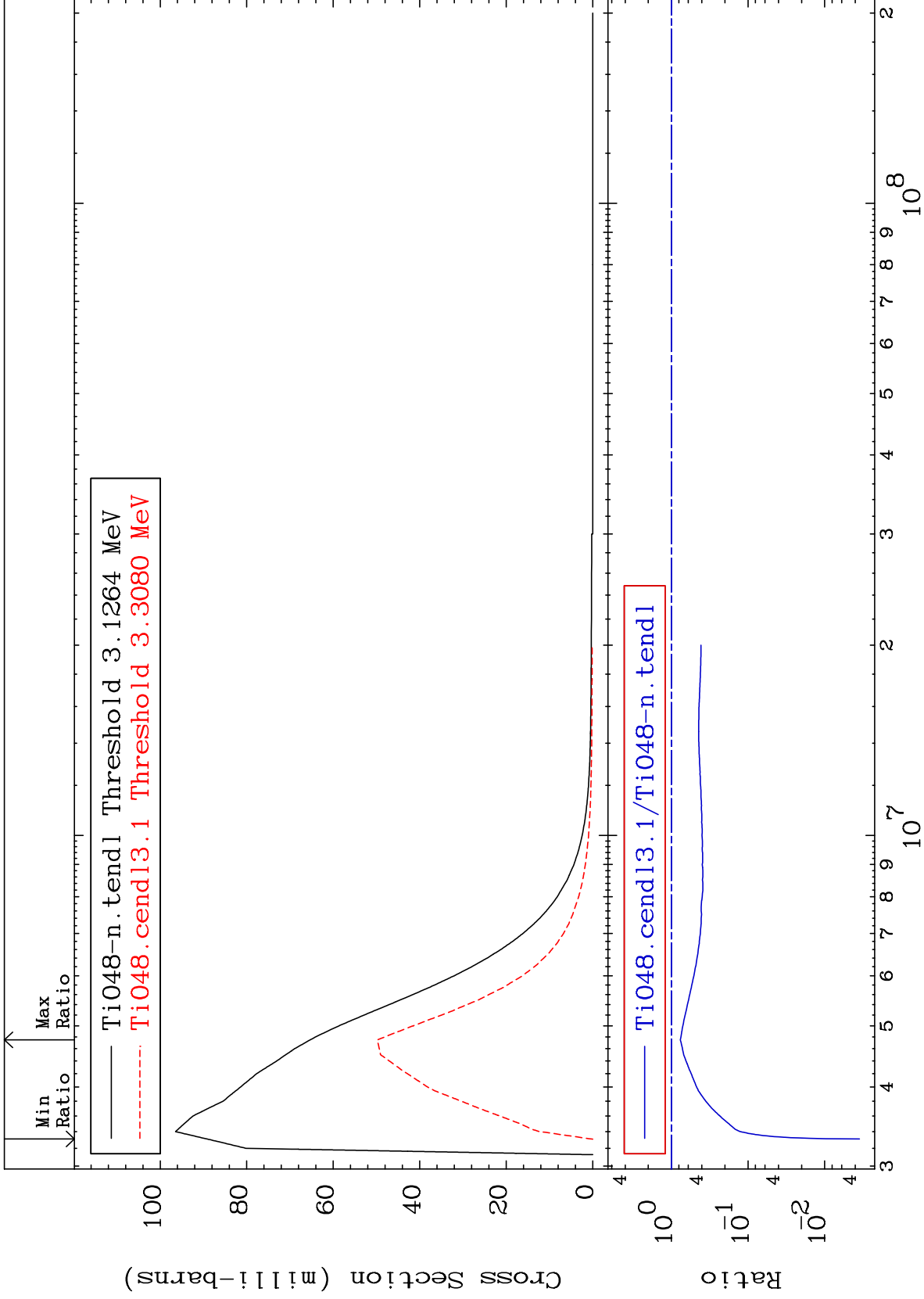
Incident Energy (eV)

22-Ti-48

MAT 2231

3.062 MeV (n,n') Level
Cross Section

22-Ti-48
-99.65 To -23.76%



12

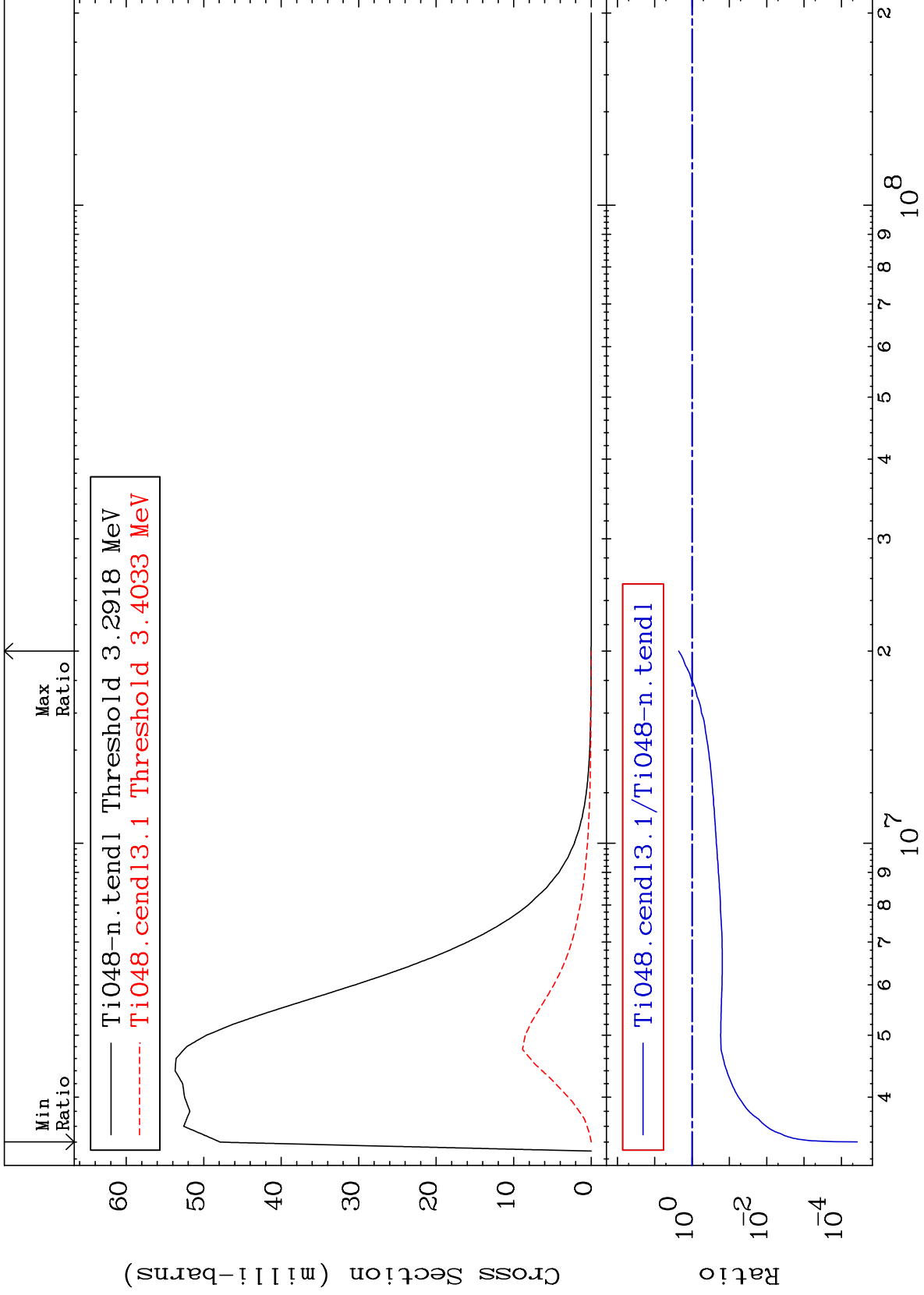
Incident Energy (eV)

22-Ti-48

MAT 2231

3.224 MeV (n,n') Level
Cross Section

22-Ti-48
-100.0 To 129.3 %



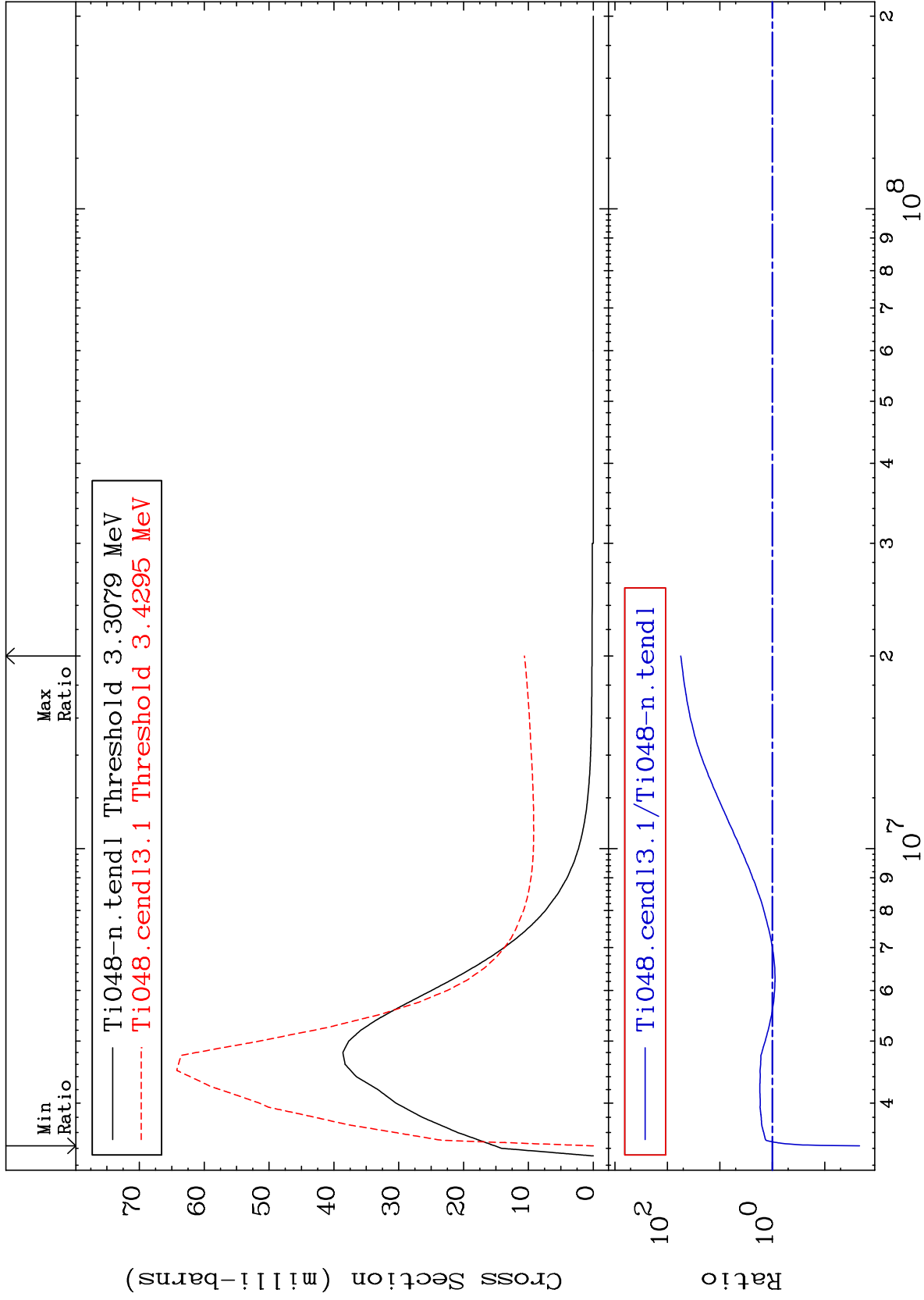
MAT 2231

3.240 MeV (n,n') Level

²²Ti-48

-97.82 To 5449. %

Cross Section



14

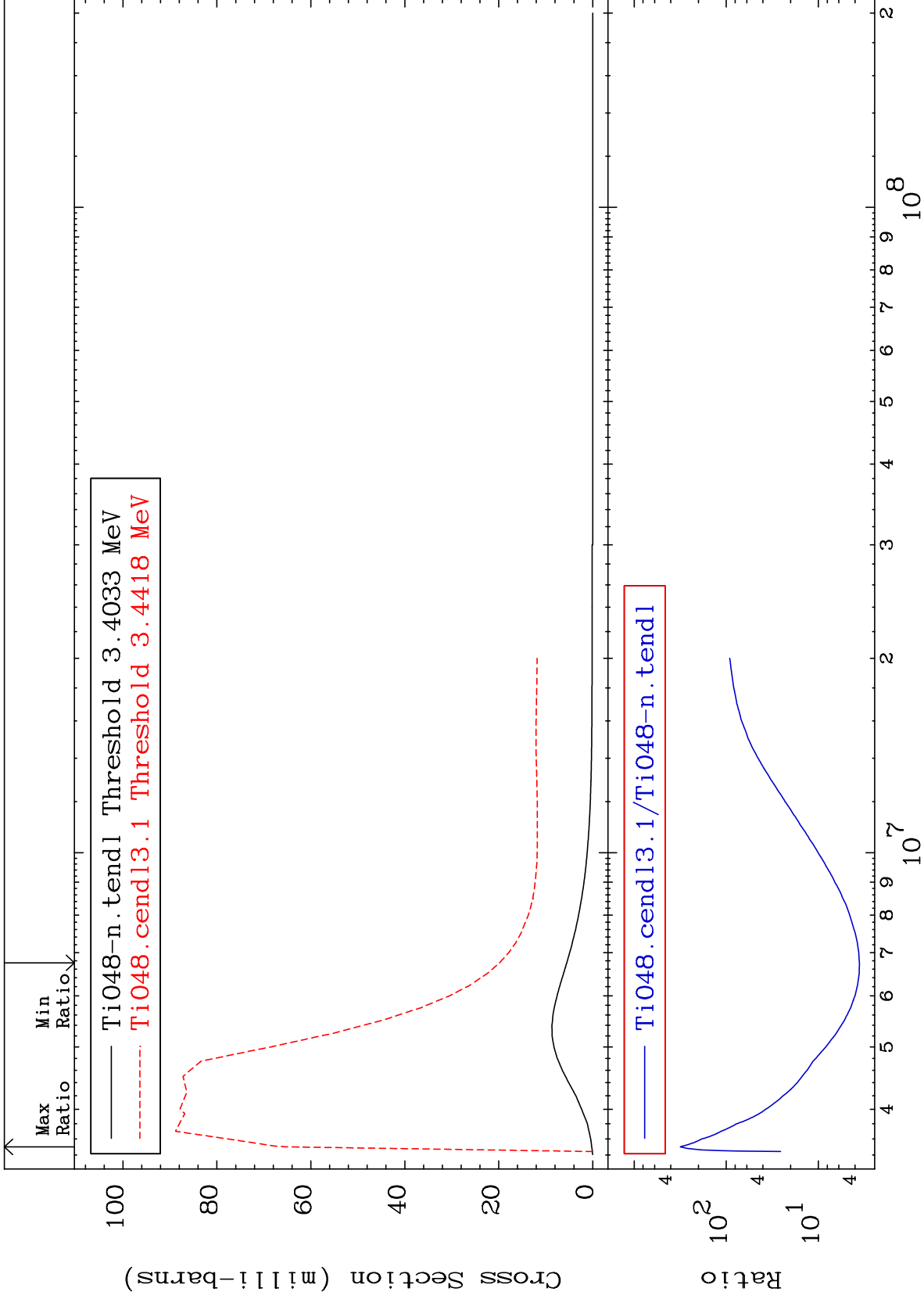
Incident Energy (eV)

²²Ti-48

MAT 2231

3.333 MeV (n,n') Level
Cross Section

258.7 To 9999. %
22-Ti-48



15

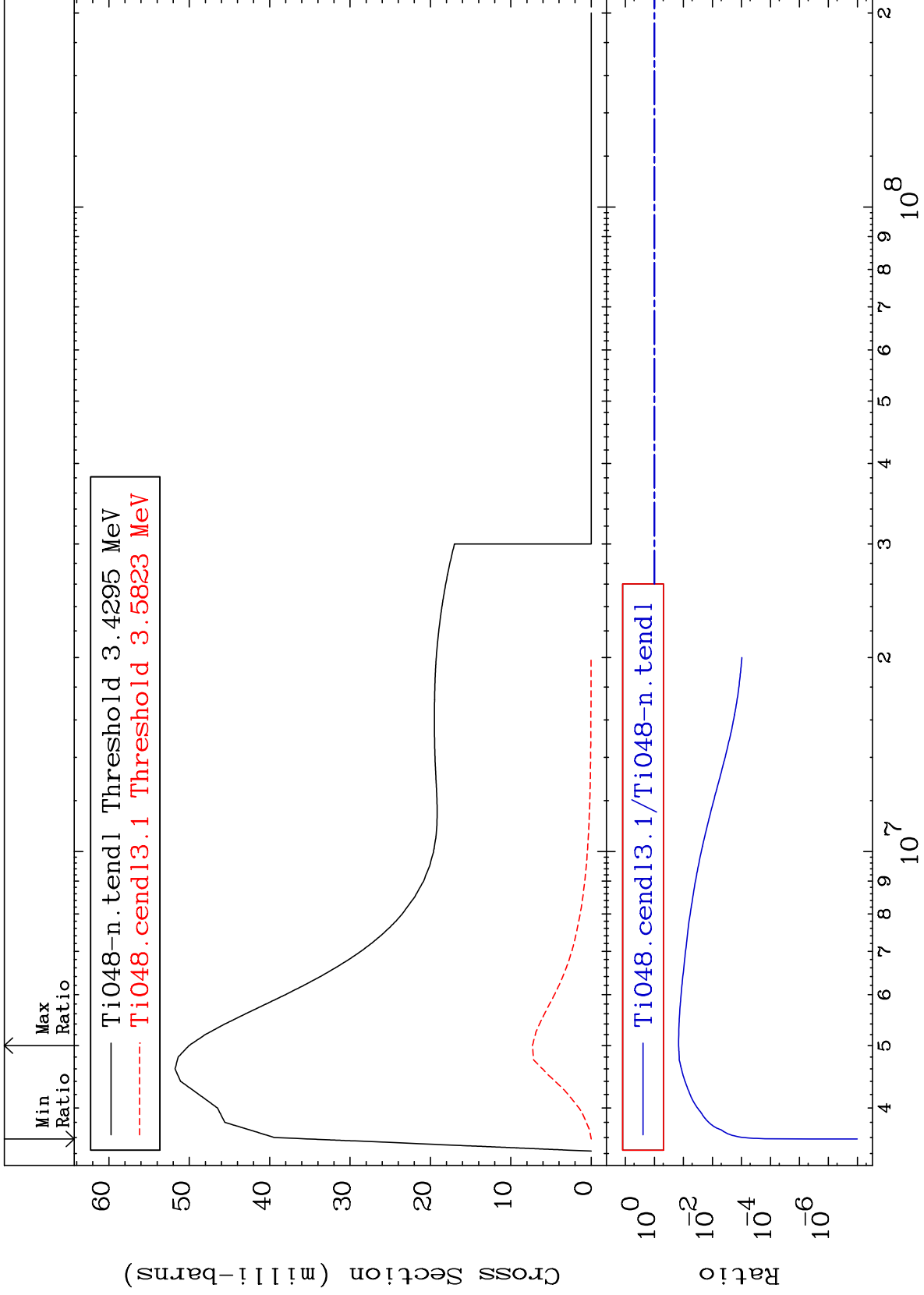
Incident Energy (eV)

22-Ti-48

MAT 2231

3.359 MeV (n,n') Level
Cross Section

22-Ti-48
-100.0 To -85.39%



16

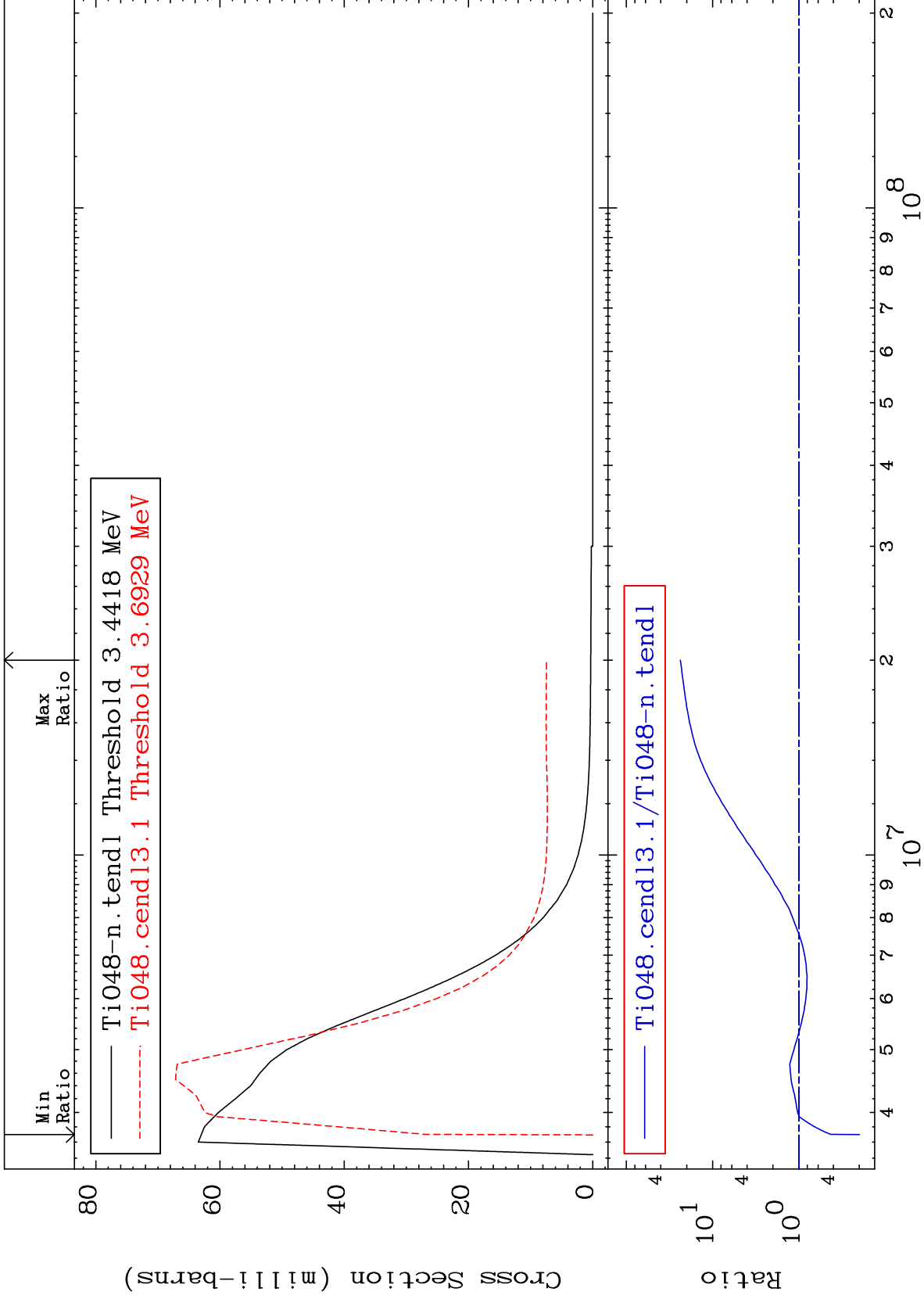
22-Ti-48

22-Ti-48

MAT 2231

3.371 MeV (n,n') Level
Cross Section

22-Ti-48
-80.09 To 2270. %



17

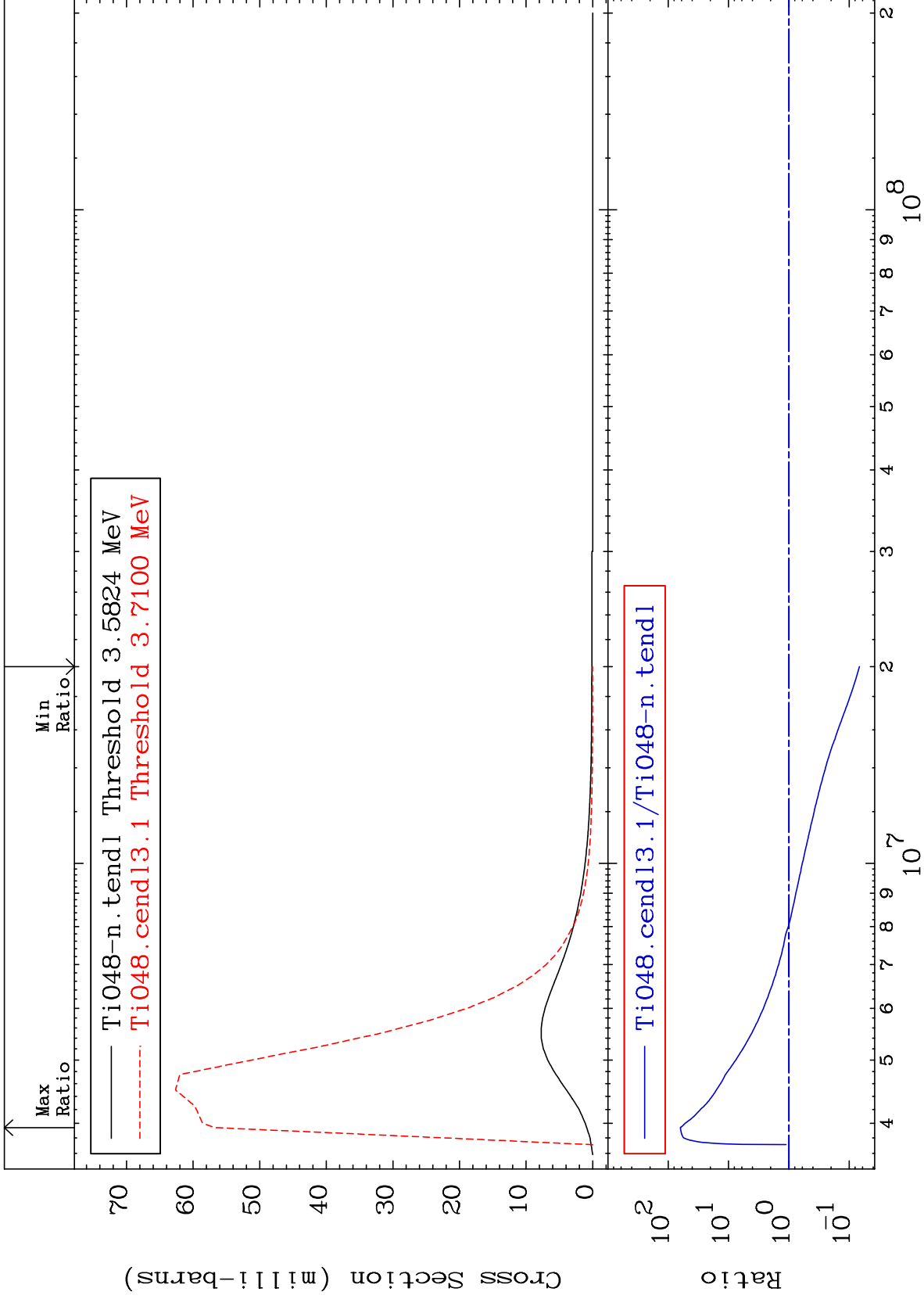
Incident Energy (eV)

22-Ti-48

MAT 2231

3.509 MeV (n,n') Level
Cross Section

22-Ti-48
-93.23 To 6175. %



18

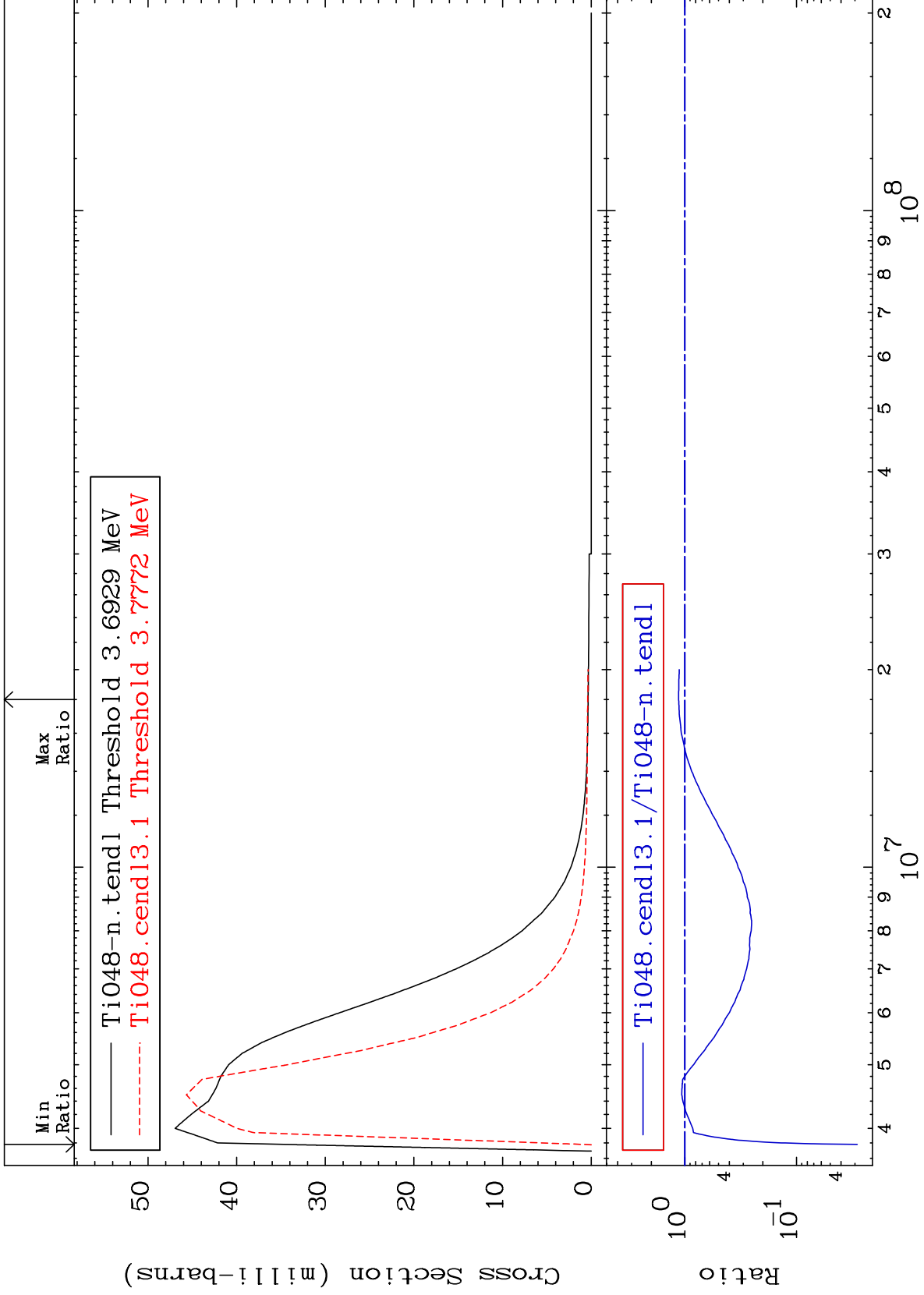
Incident Energy (eV)

22-Ti-48

MAT 2231

3.617 MeV (n,n') Level
Cross Section

22-Ti-48
-97.14 To 13.80 %



19

Incident Energy (eV)

22-Ti-48

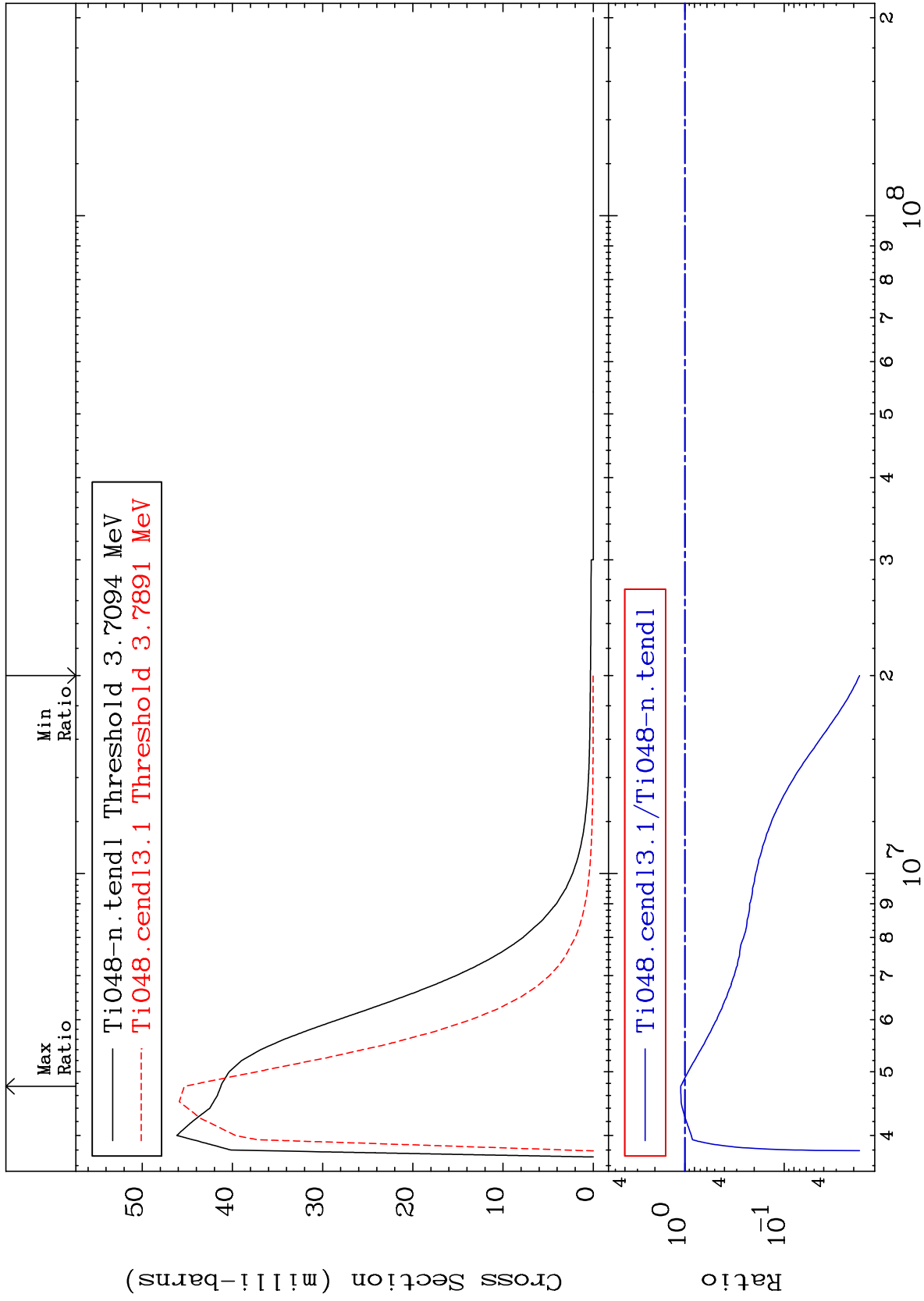
MAT 2231

3.633 MeV (n,n') Level

22-Ti-48

-98.25 To 9.801 %

Cross Section



20

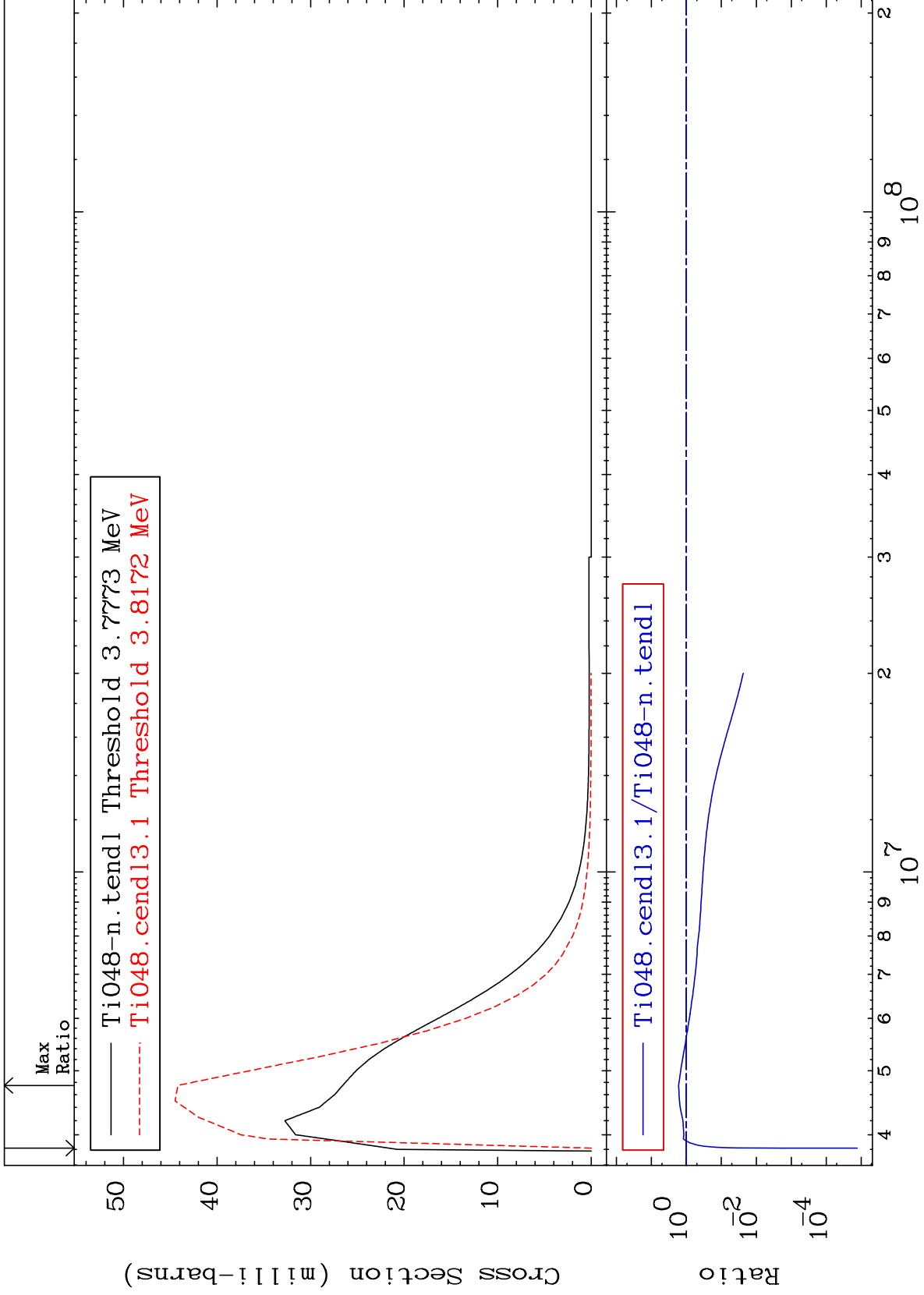
Incident Energy (eV)

22-Ti-48

MAT 2231

3.699 MeV (n,n') Level
Cross Section

22-Ti-48
-100.0 To 66.30 %



21

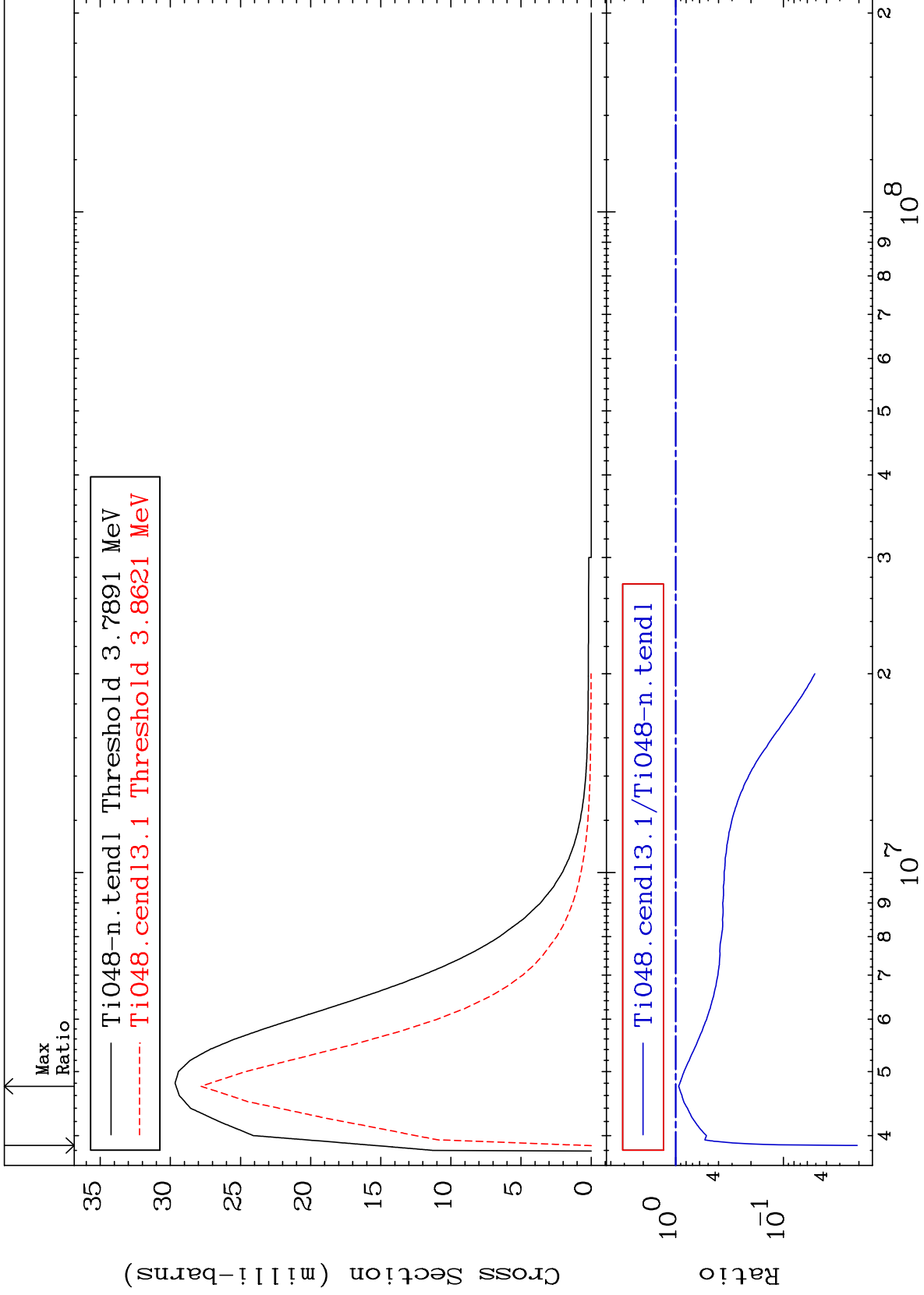
22-Ti-48

22-Ti-48

MAT 2231

3.711 MeV (n,n') Level
Cross Section

22-Ti-48
-97.93 To -6.019%



22

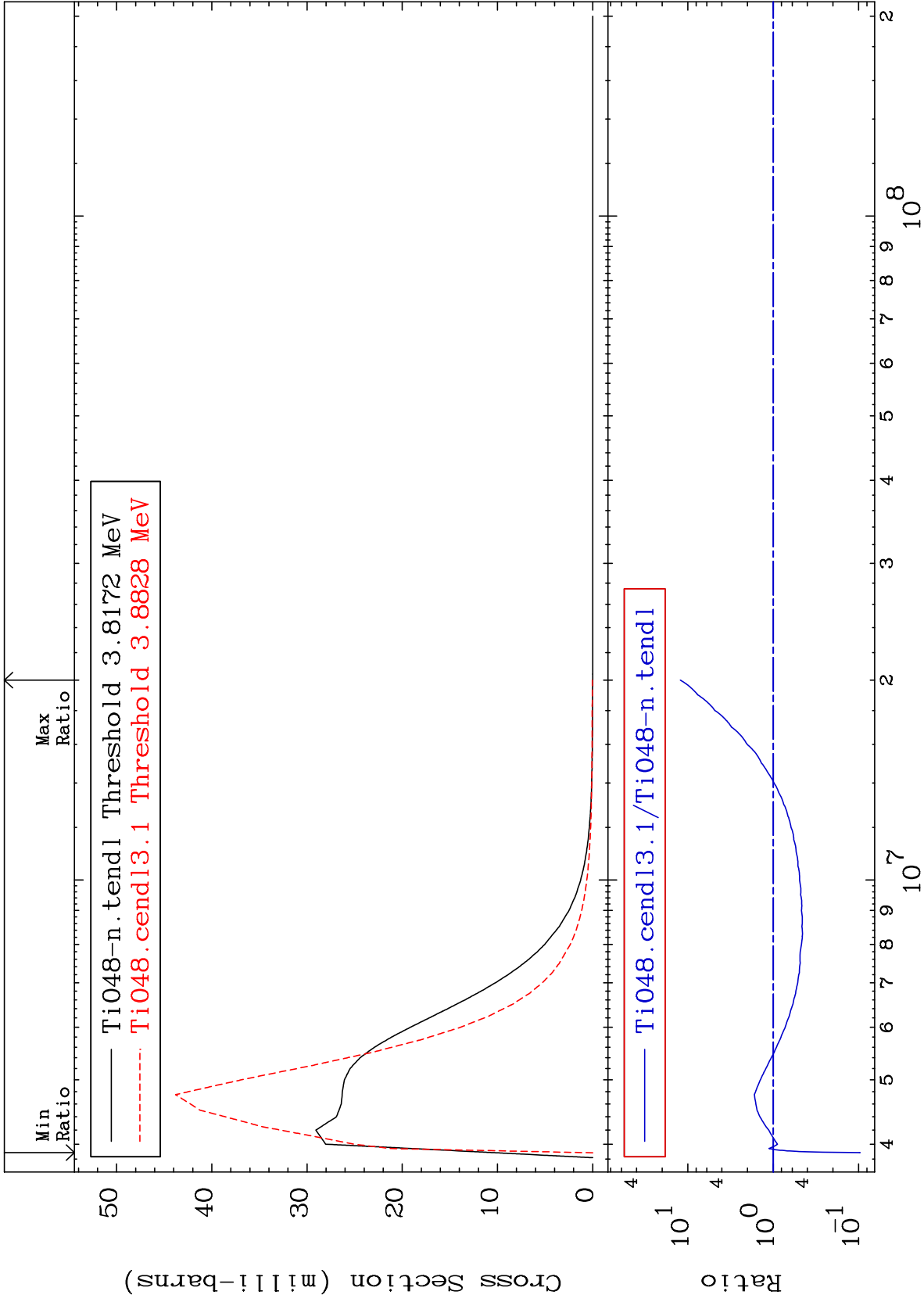
Incident Energy (eV)

22-Ti-48

MAT 2231

3.739 MeV (n,n') Level
Cross Section

22-Ti-48
-90.21 To 1124. %



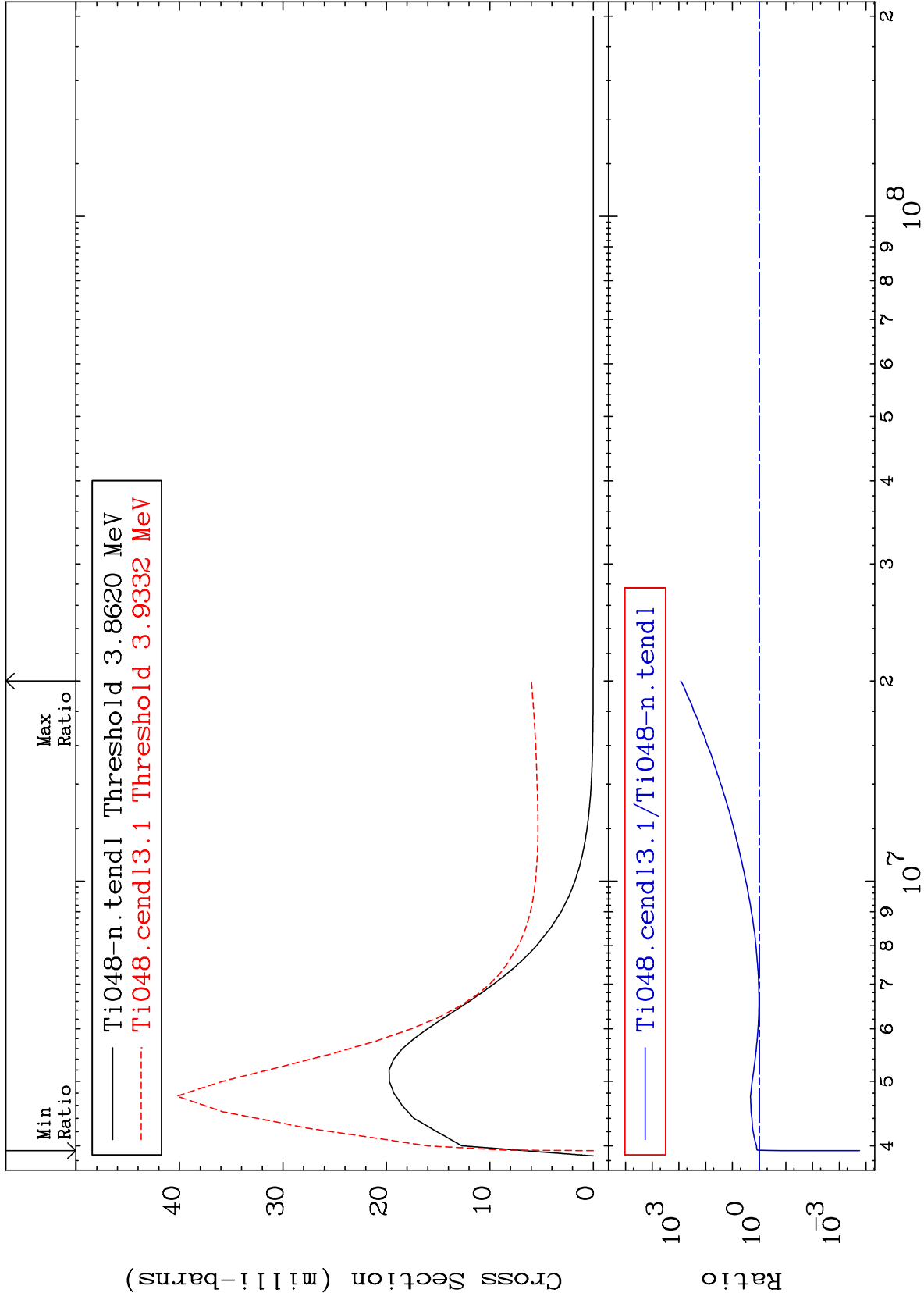
MAT 2231

3.782 MeV (n,n') Level

²²Ti-48

-99.98 To 9999. %

Cross Section



24

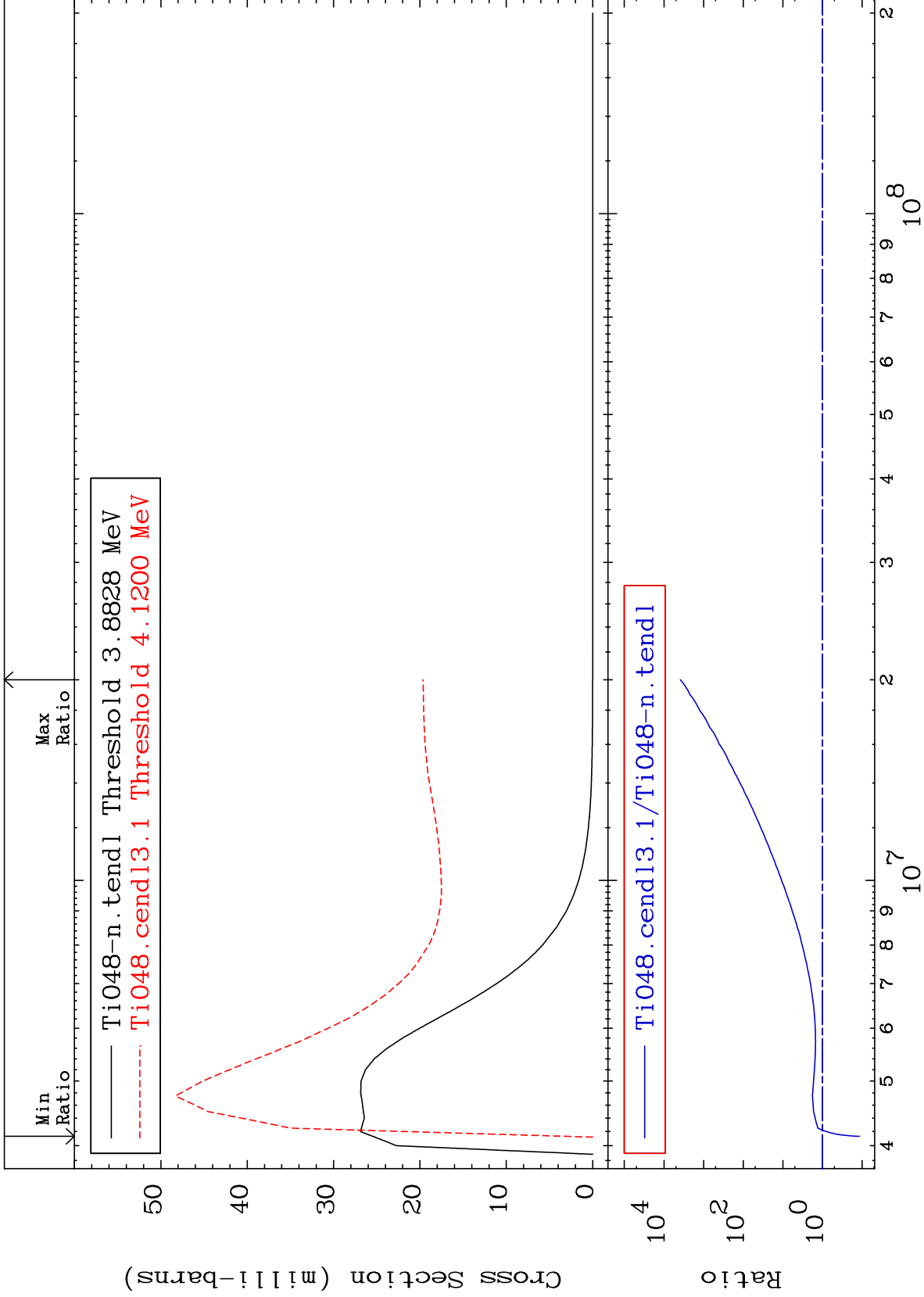
Incident Energy (eV)

²²Ti-48

MAT 2231

3.803 MeV (n,n') Level
Cross Section

22-Ti-48
-88.27 To 9999. %



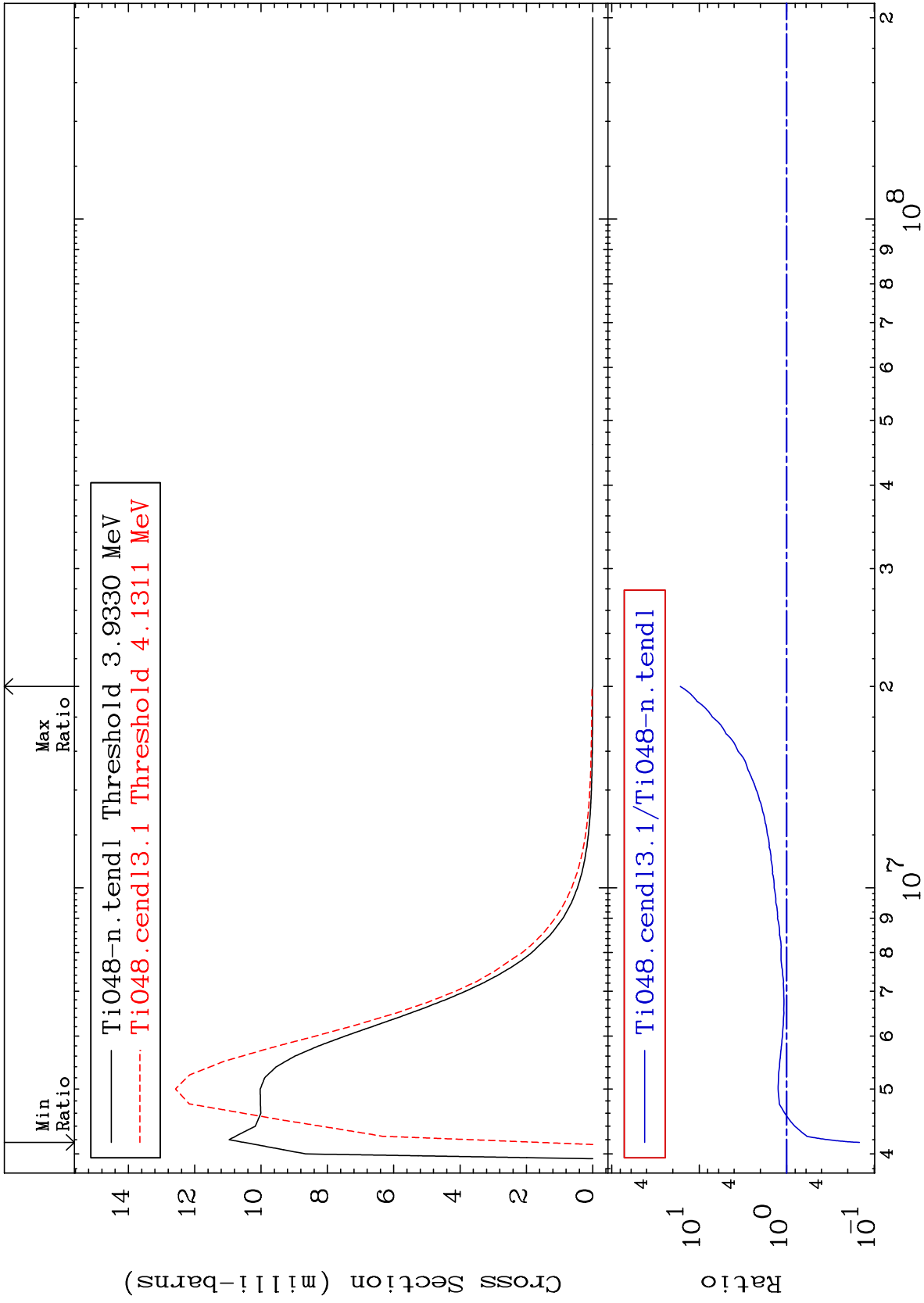
25

22-Ti-48

MAT 2231

3.852 MeV (n,n') Level
Cross Section

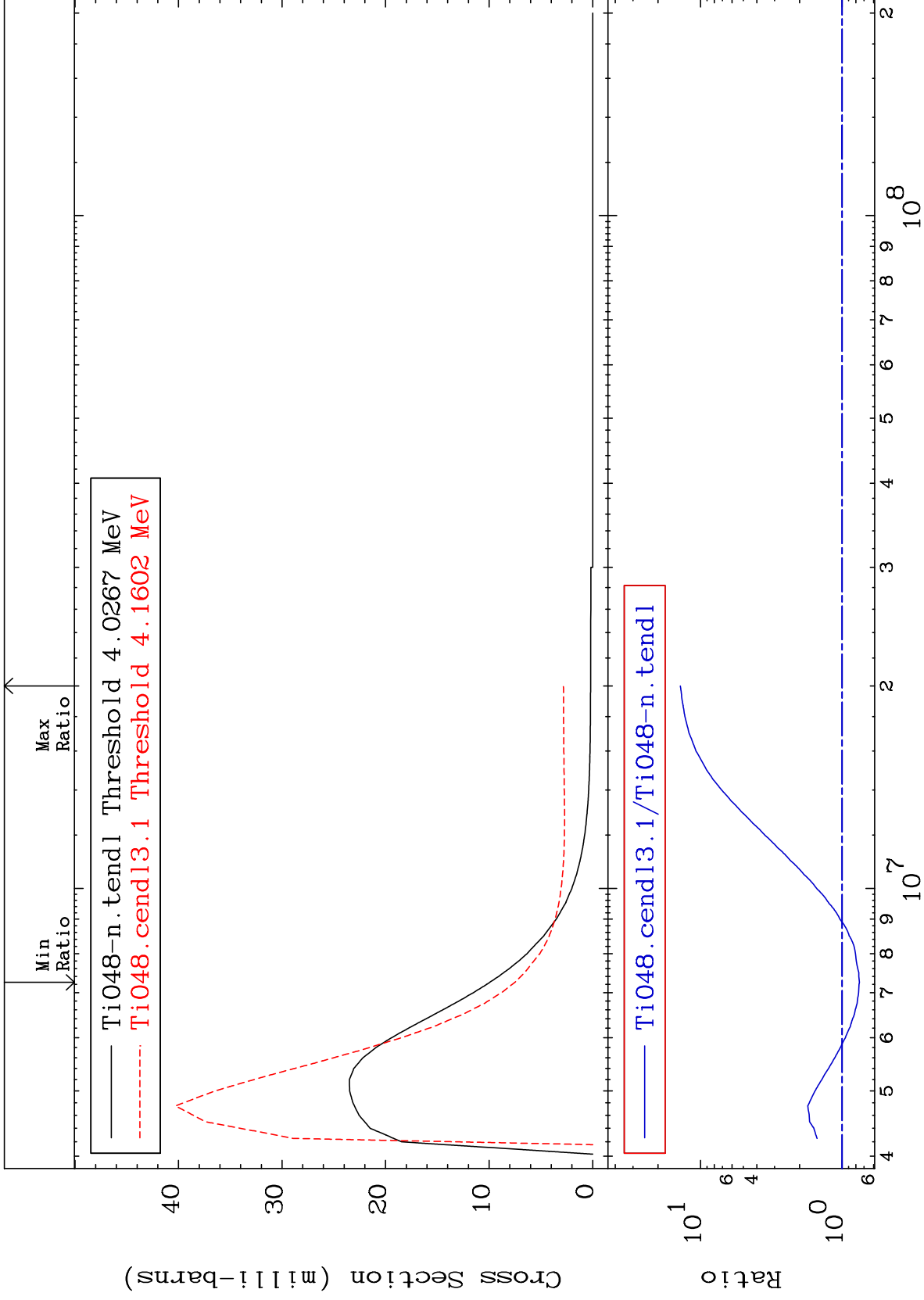
22-Ti-48
-85.26 To 1542. %



MAT 2231

3.944 MeV (n,n') Level
Cross Section

22-Ti-48
-24.46 To 1289. %



27

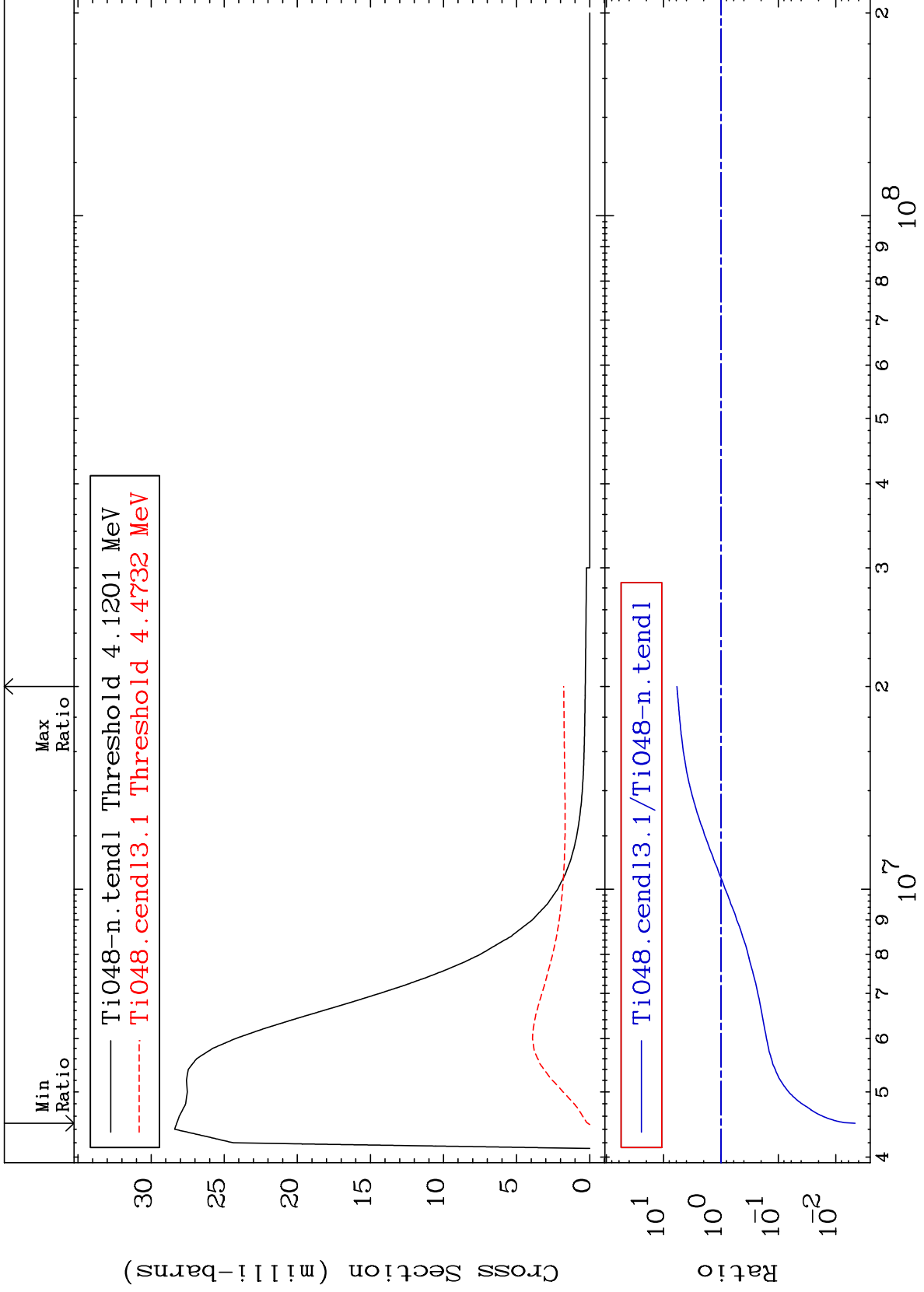
Incident Energy (eV)

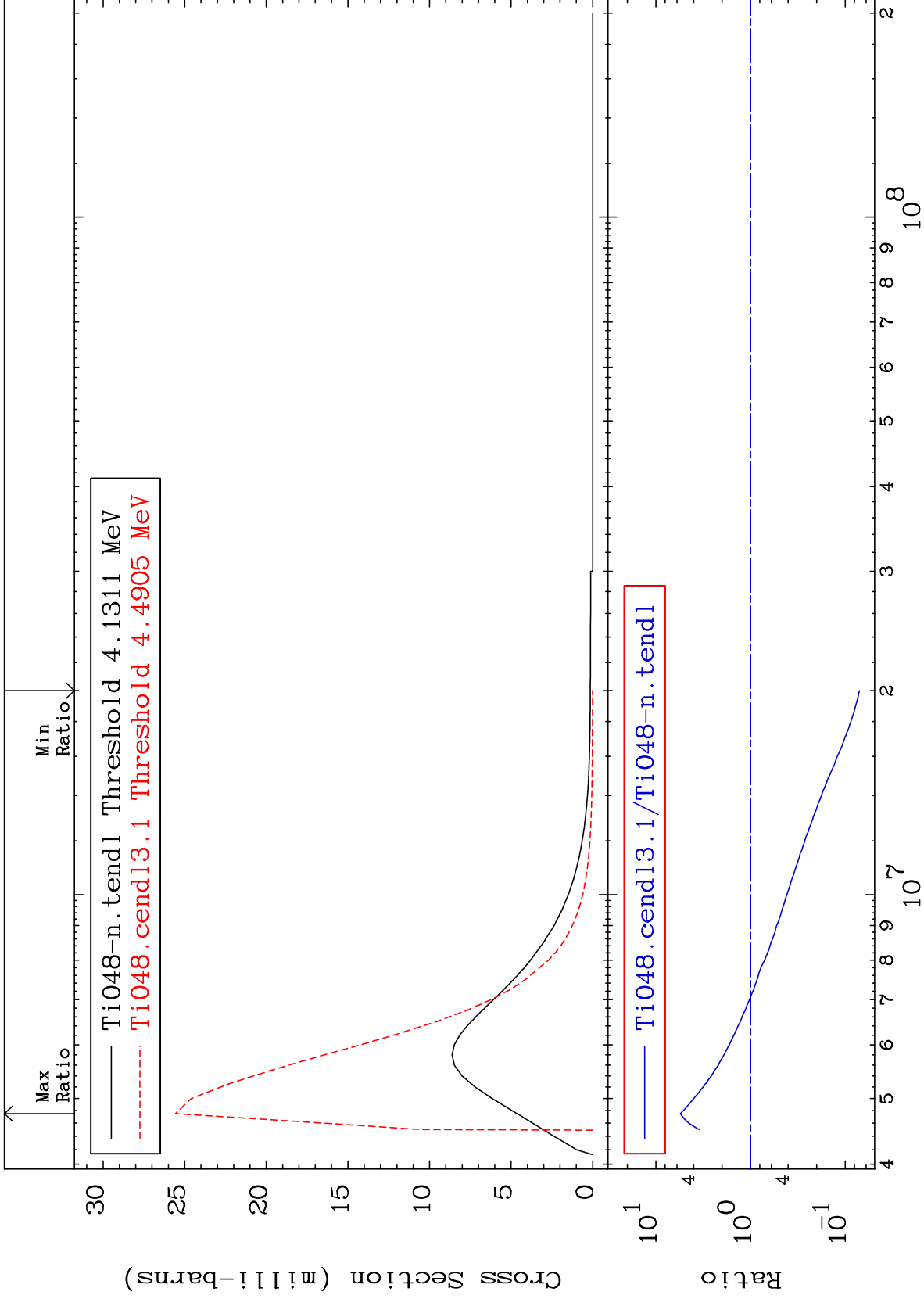
22-Ti-48

MAT 2231

4.035 MeV (n,n') Level
Cross Section

22-Ti-48
-99.54 To 486.4 %

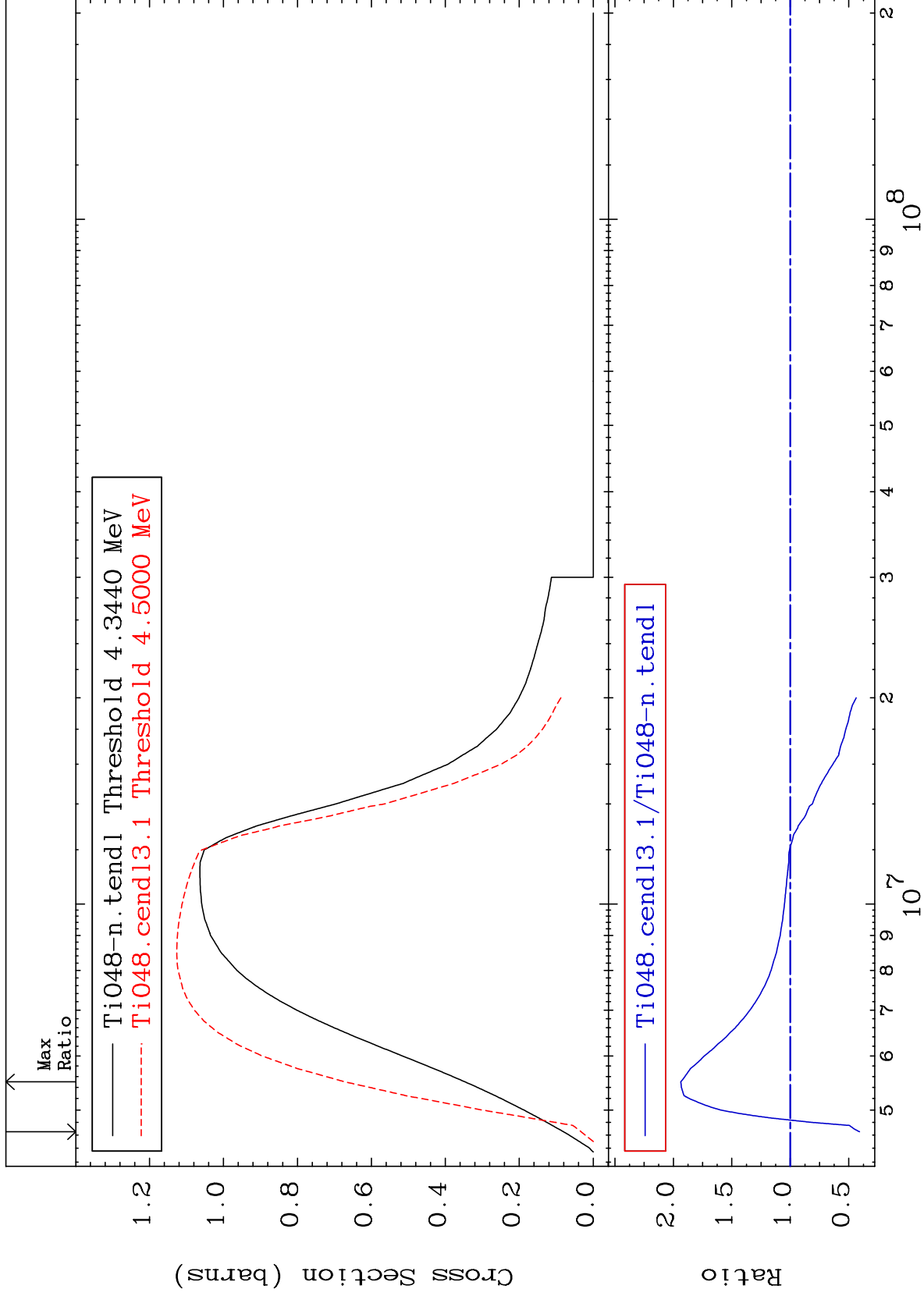




MAT 2231

(n, n') Continuum
Cross Section

²²Ti-48
-59.21 To 93.65 %



30

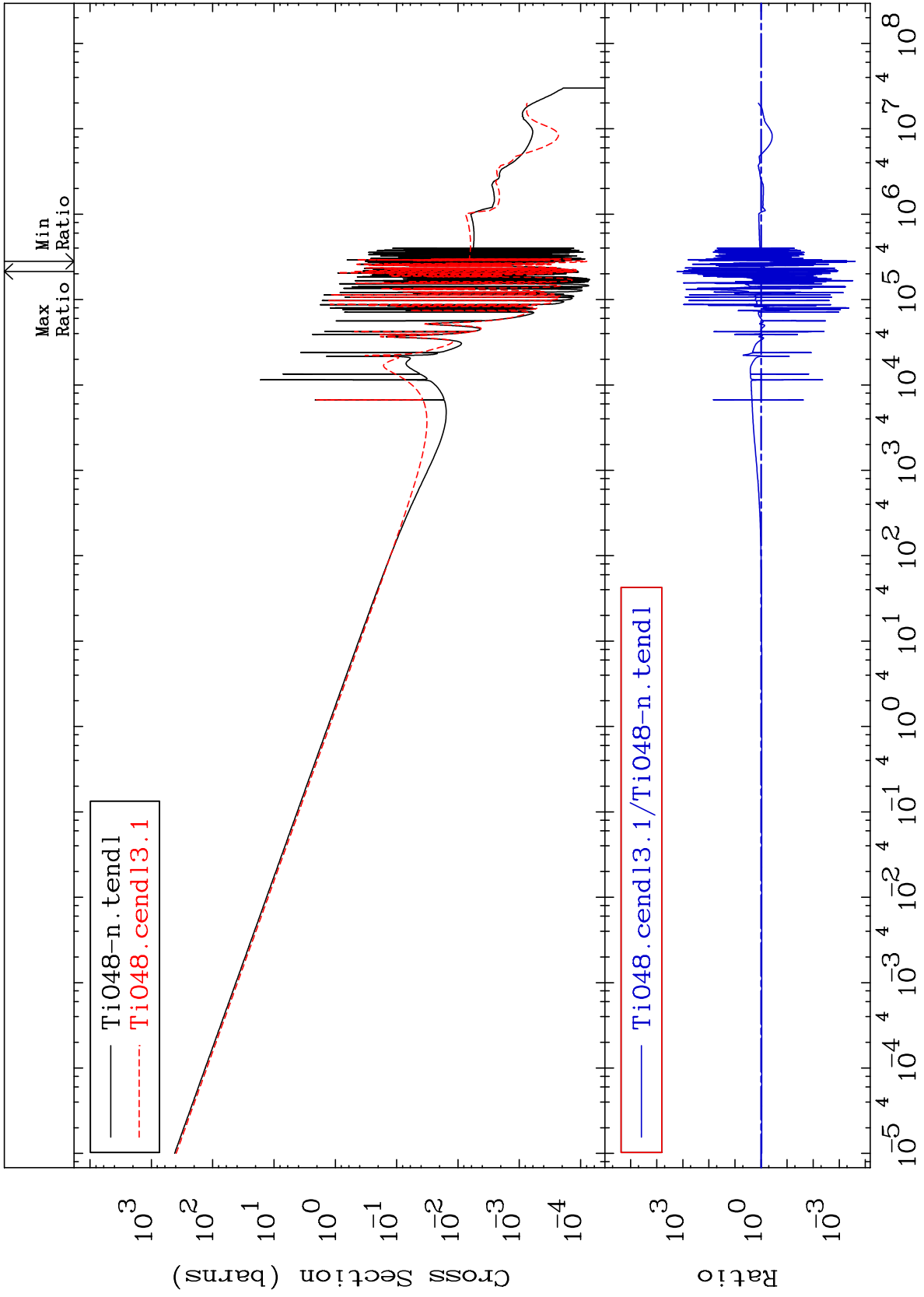
Incident Energy (eV)

²²Ti-48

MAT 2231

(n, γ)
Cross Section

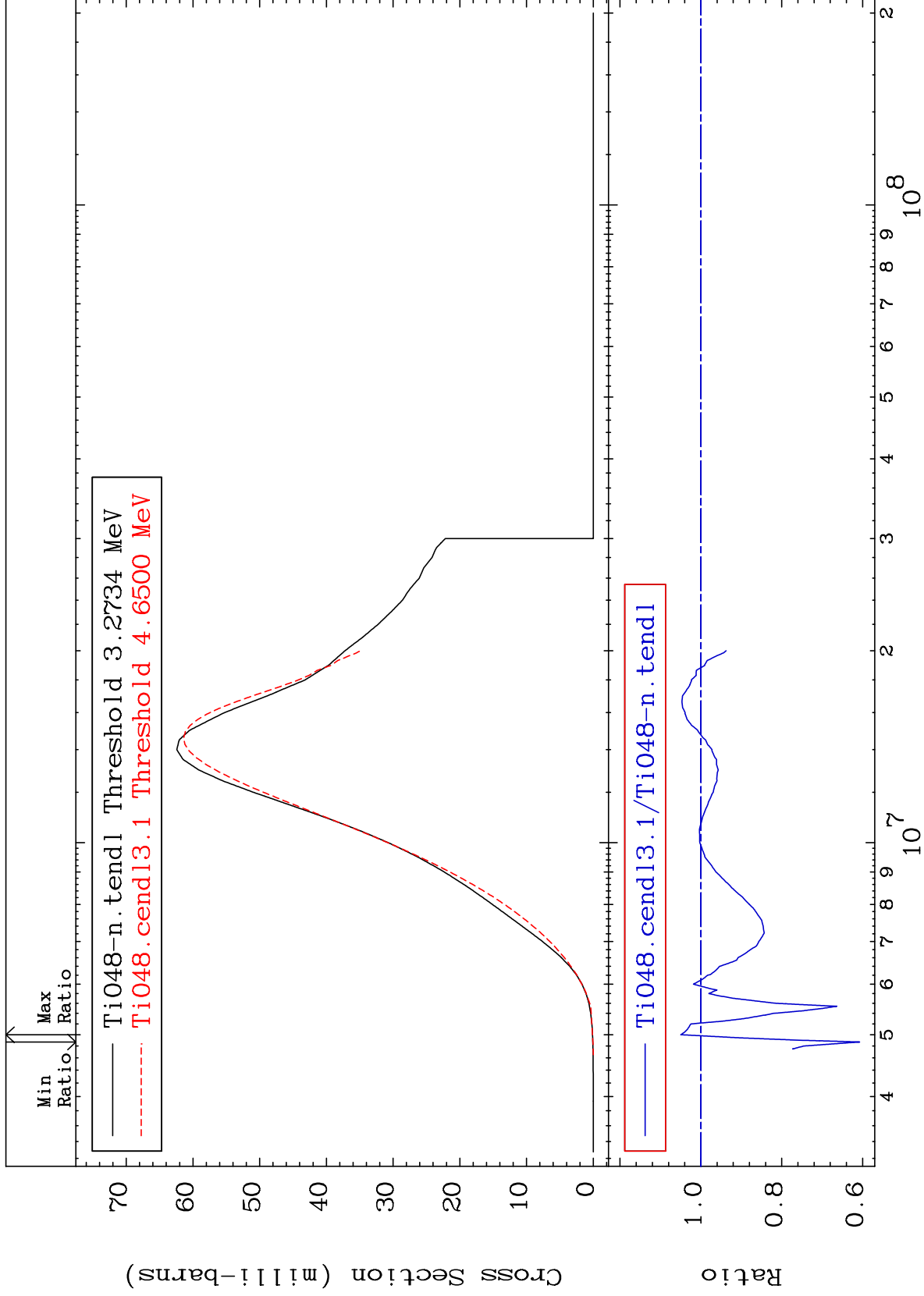
22-Ti-48
-99.98 To 9999. %



MAT 2231

(n,p)
Cross Section

²²Ti-48
-39.24 To 4.980 %



32

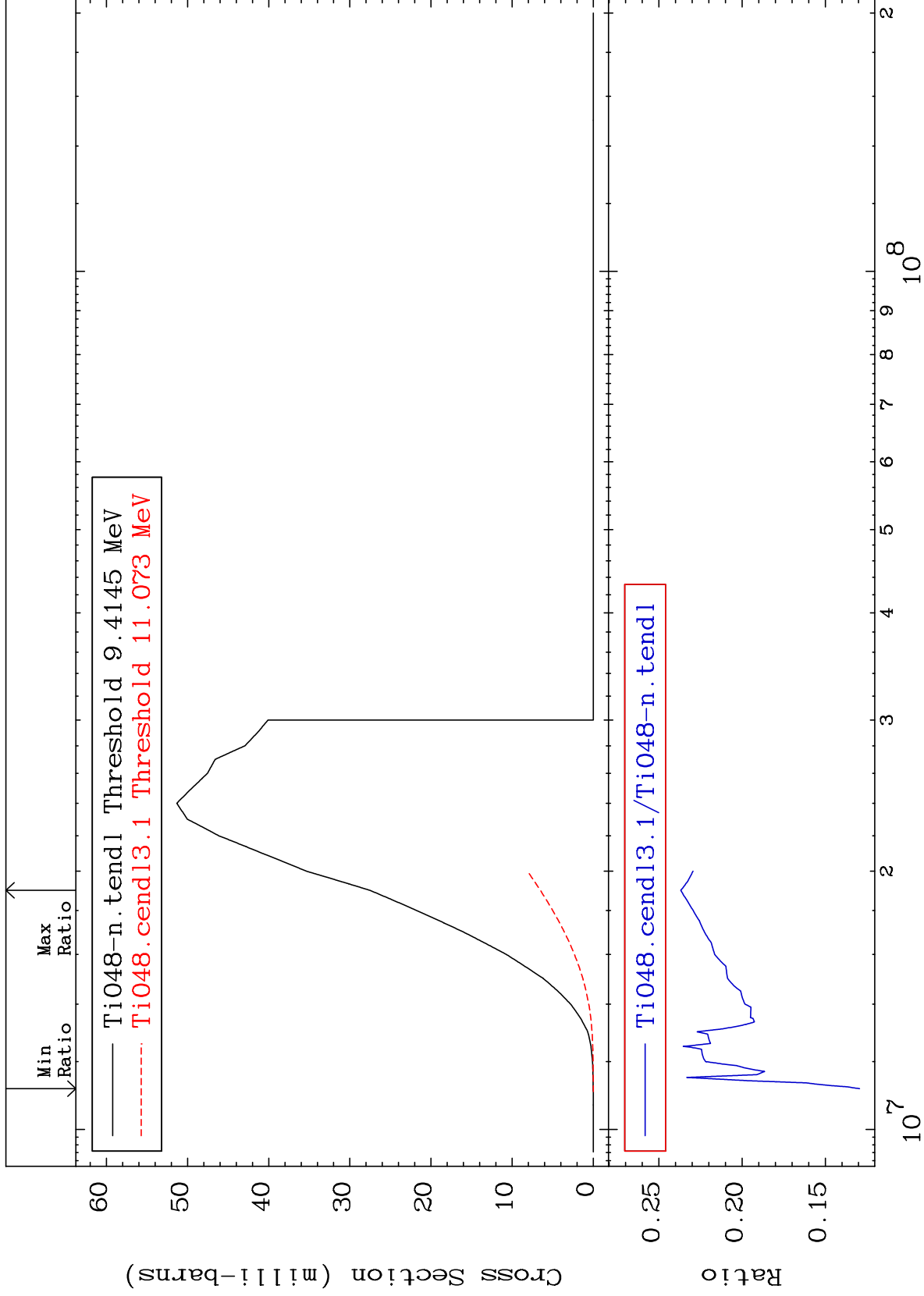
Incident Energy (eV)

²²Ti-48

MAT 2231

(n, d)
Cross Section

$^{22}\text{Ti}-48$
-87.06 To -76.31%



33

Incident Energy (eV)

$^{22}\text{Ti}-48$

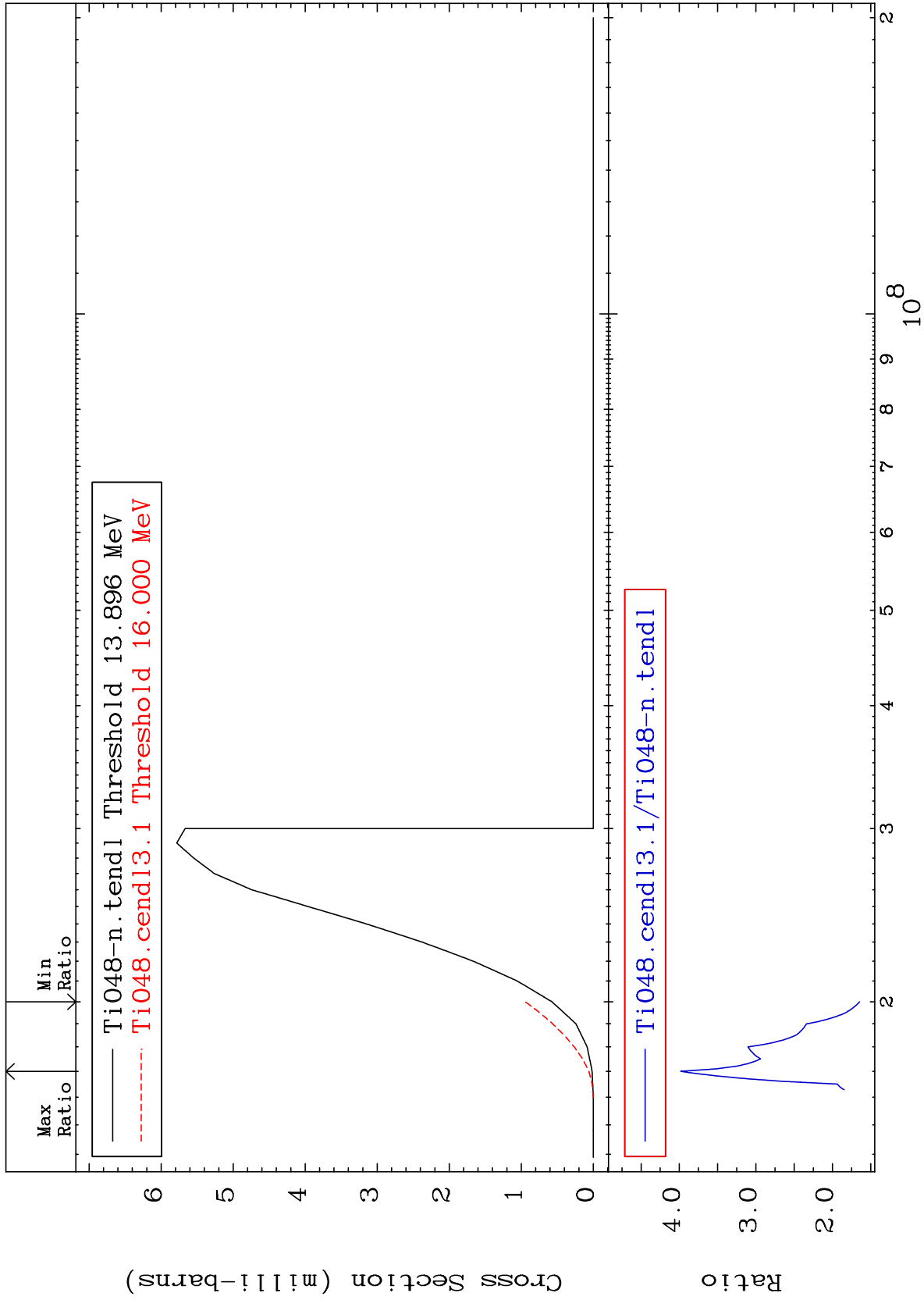
MAT 2231

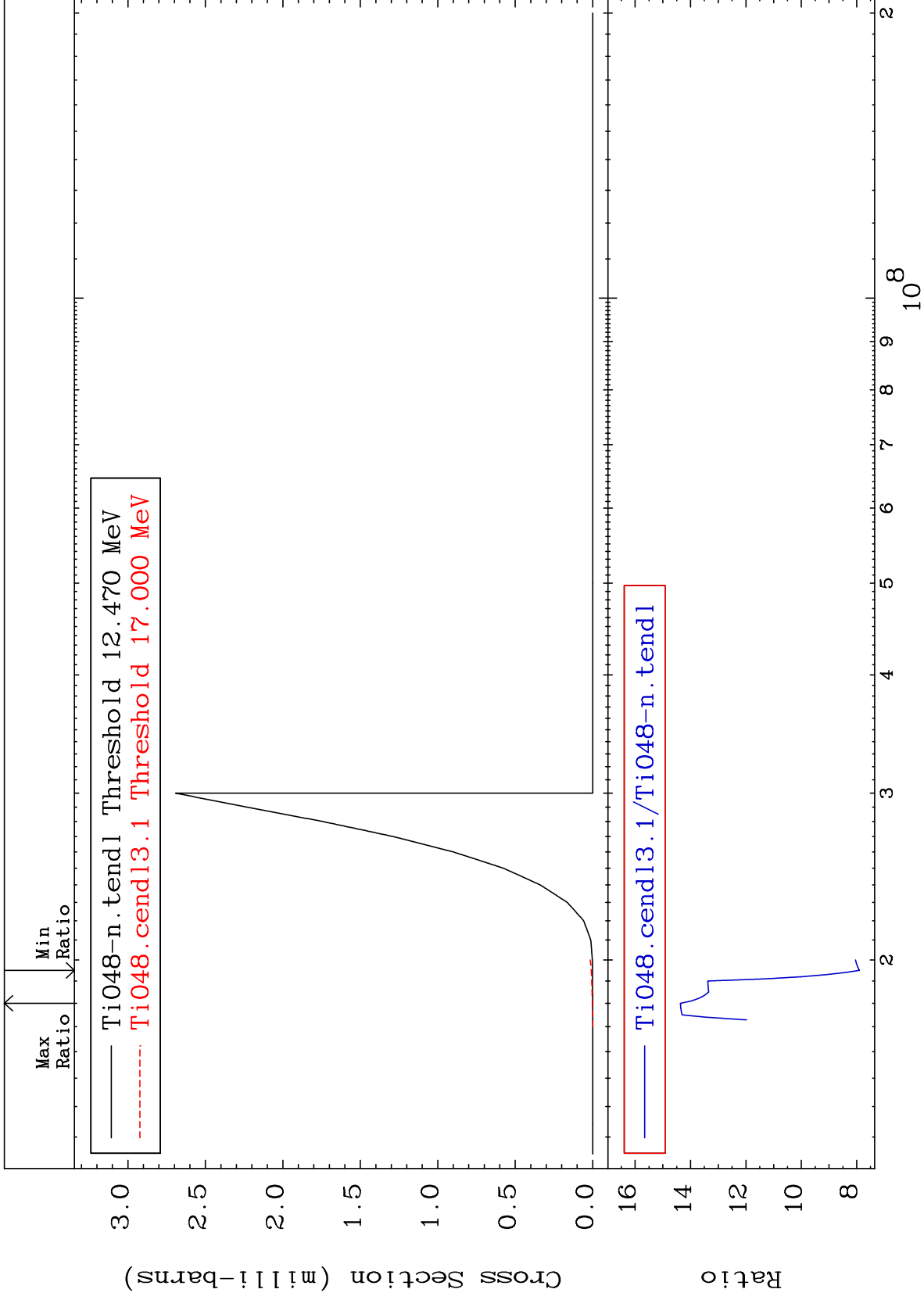
(n, t)

22-Ti-48

Cross Section

64.59 To 298.1 %





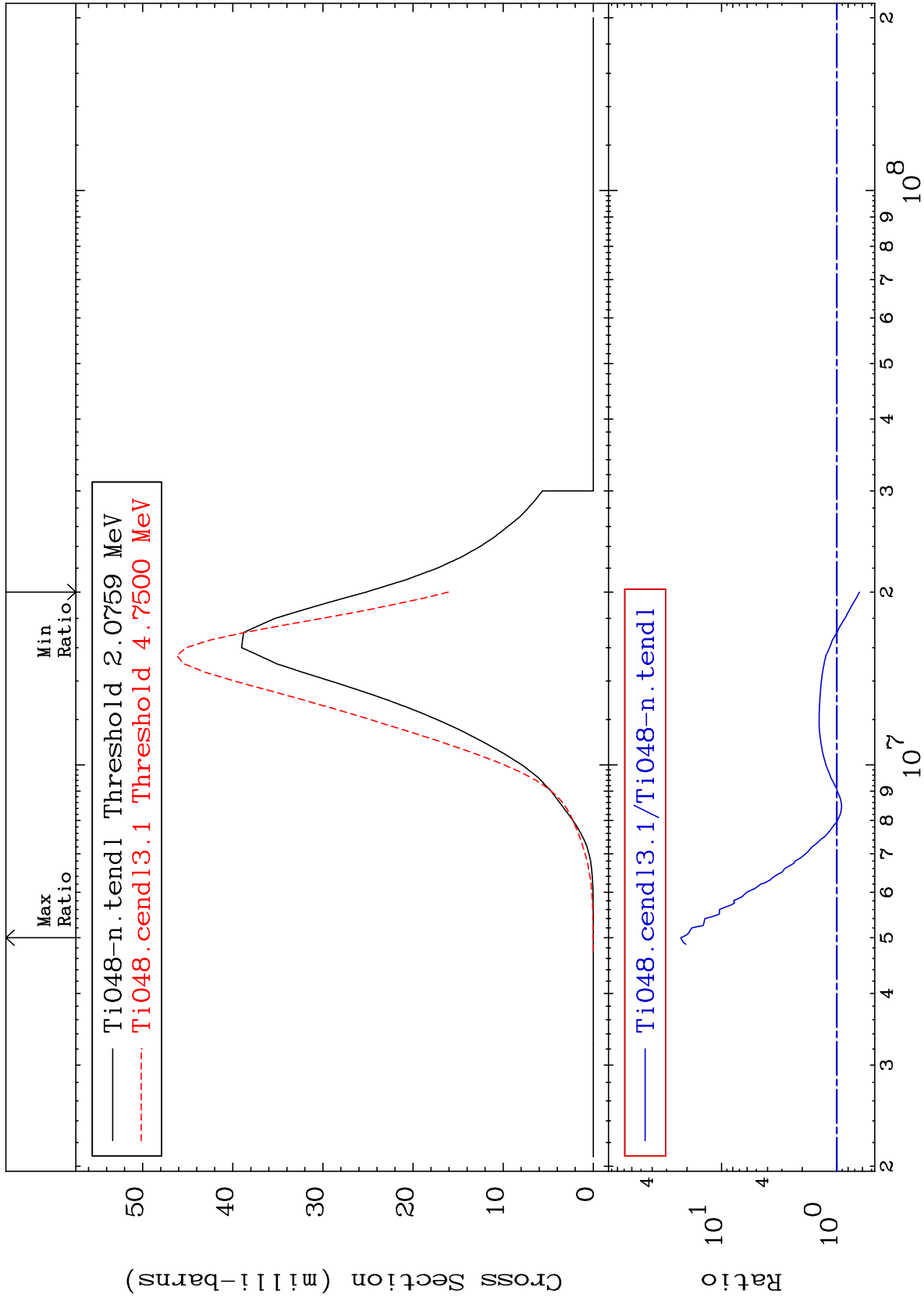
MAT 2231

(n, α)

²²Ti-48

Cross Section

-36.33 To 2161. %



36

Incident Energy (eV)

²²Ti-48

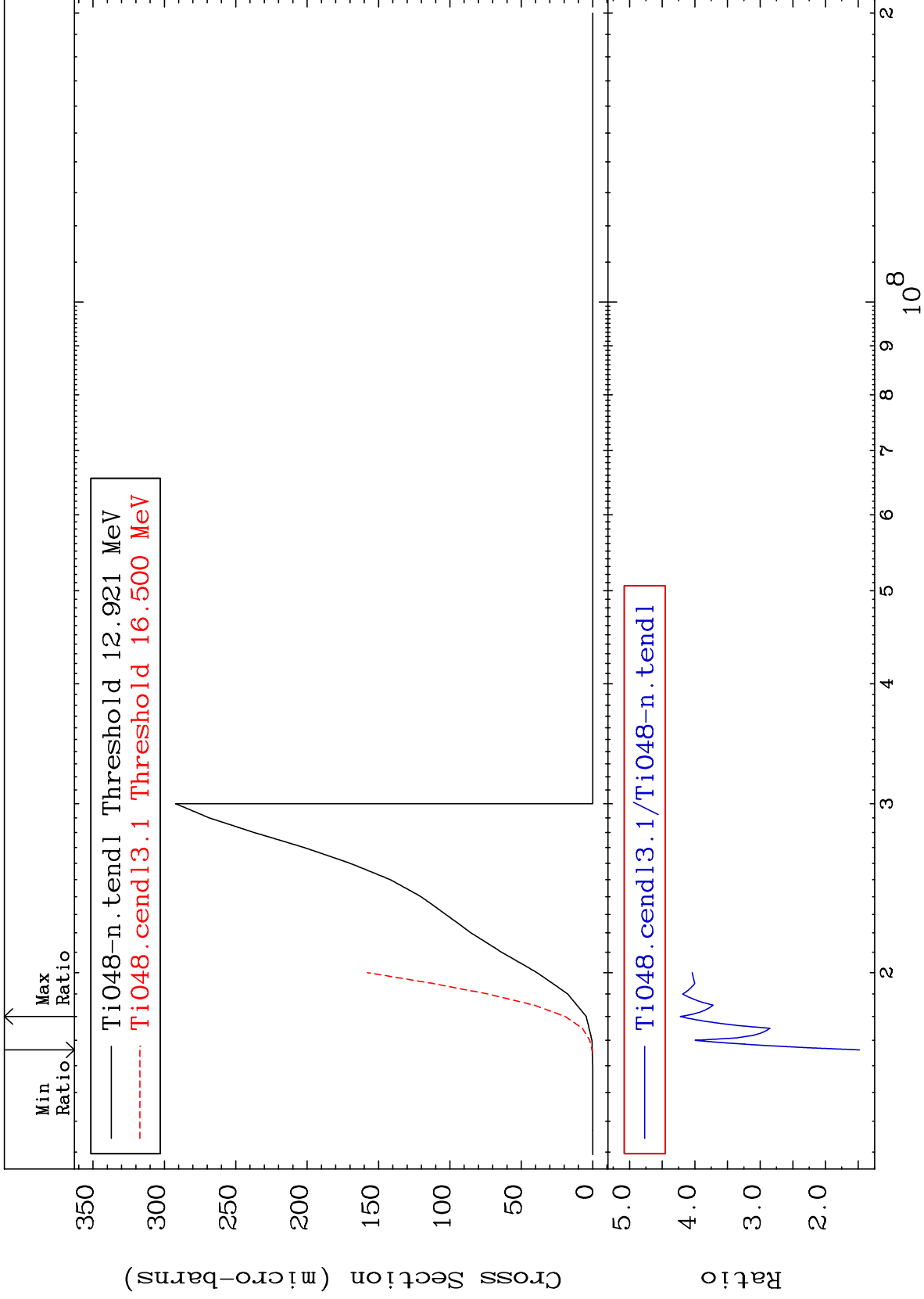
MAT 2231

(n,2p)

22-Ti-48

Cross Section

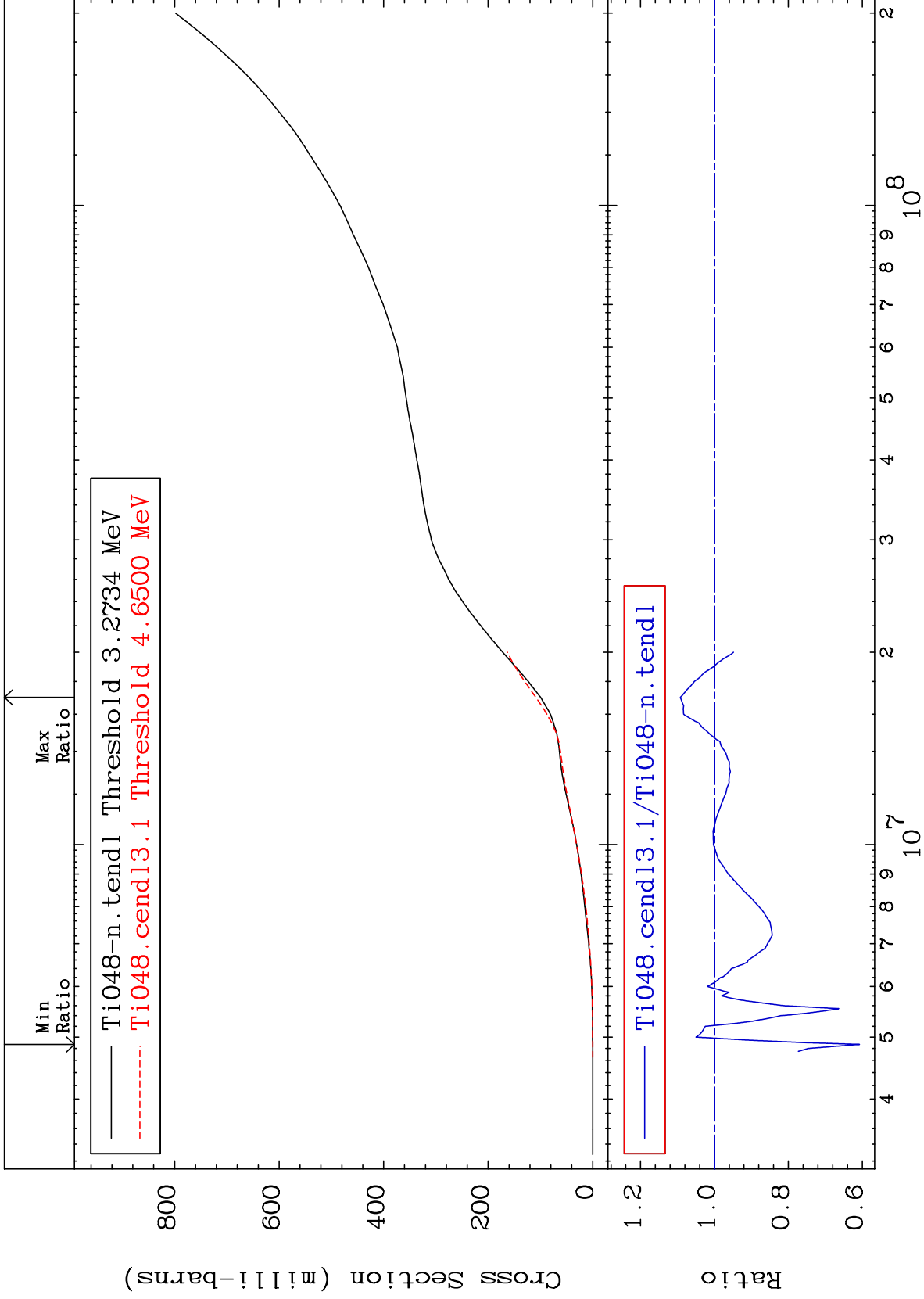
48.00 To 322.2 %

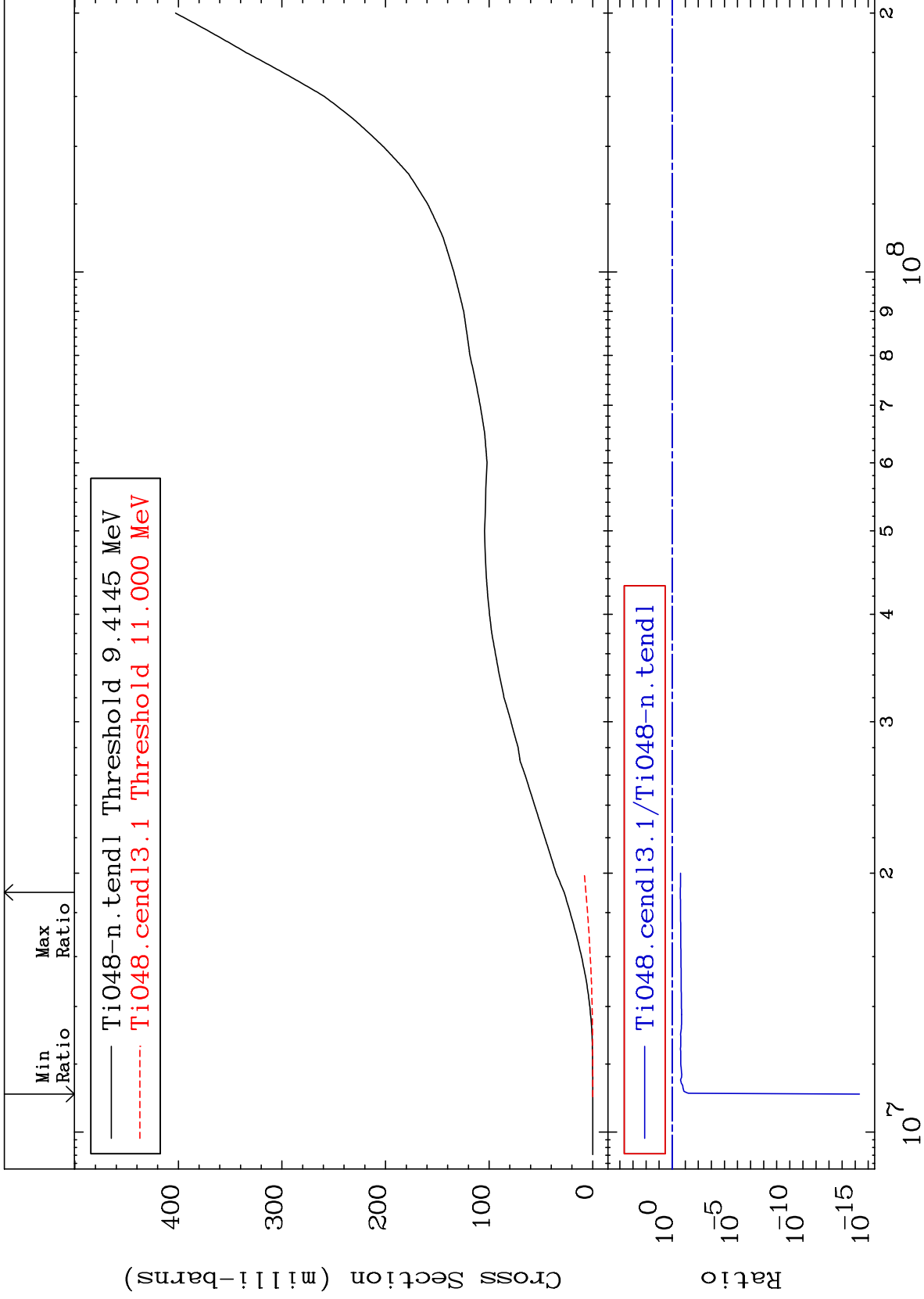


37

Incident Energy (eV)

22-Ti-48

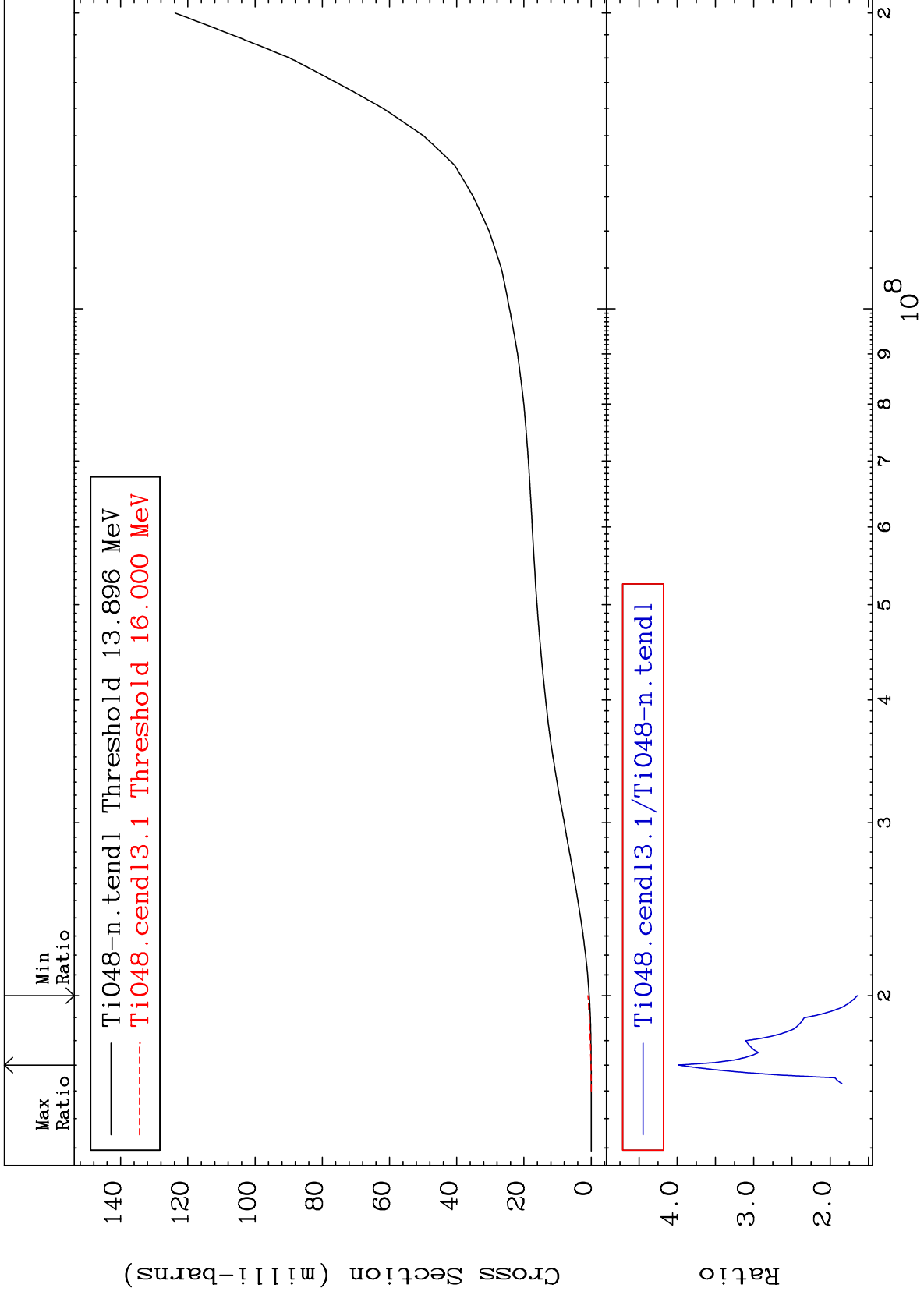




MAT 2231

Tritium Production
Cross Section

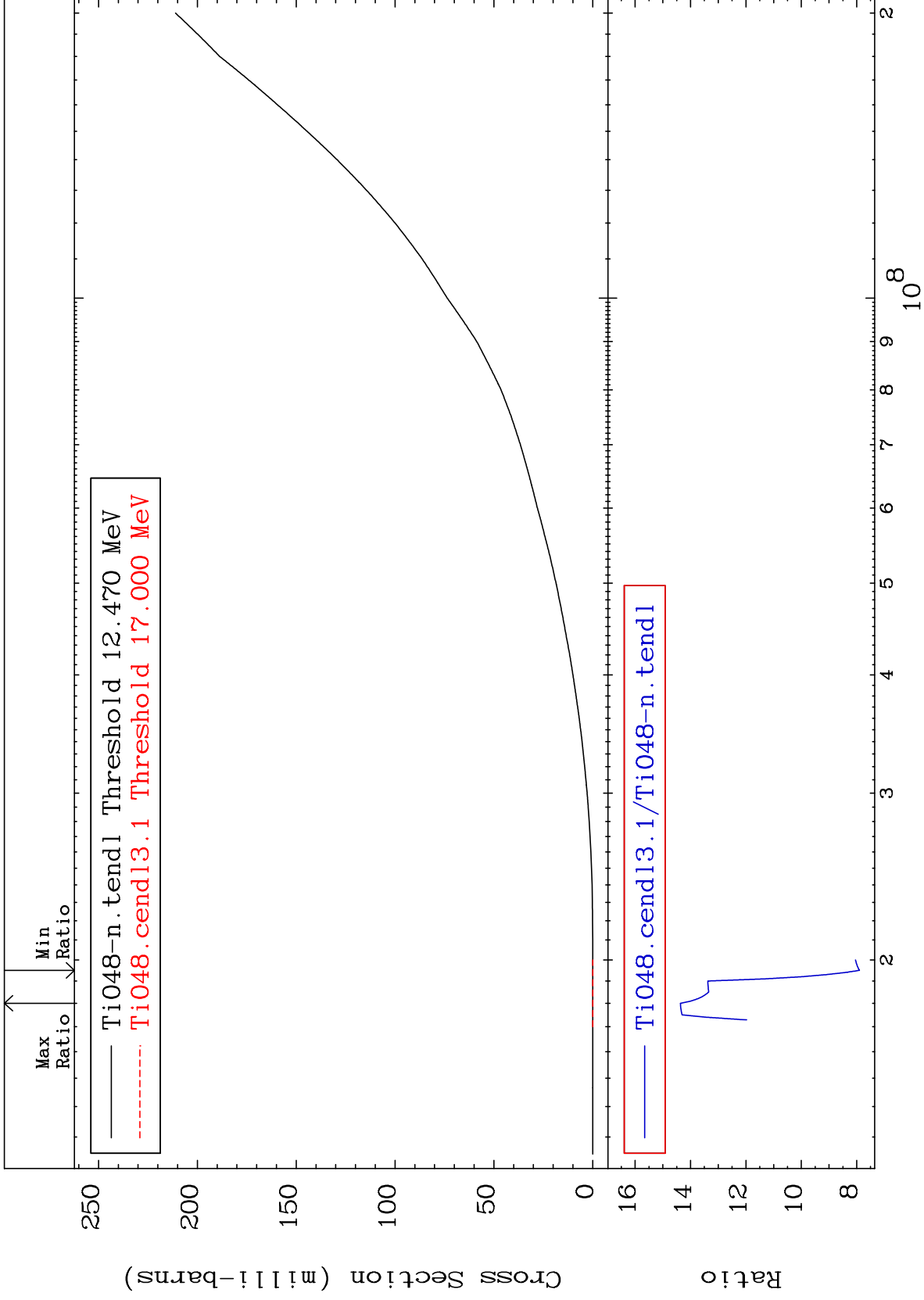
$^{22}\text{Ti-48}$
64.59 To 298.1 %



40

Incident Energy (eV)

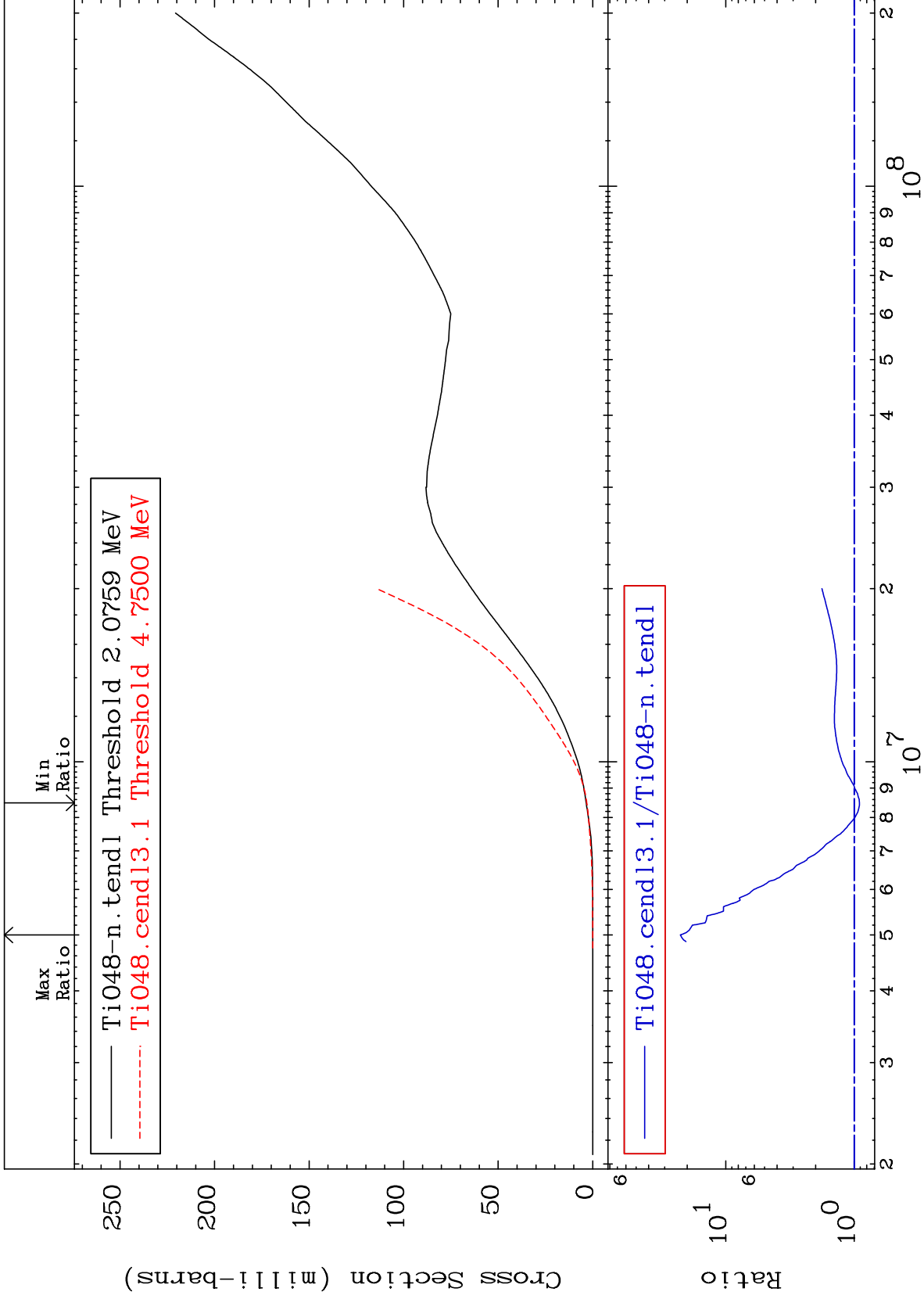
$^{22}\text{Ti-48}$



MAT 2231

He-4 Production
Cross Section

²²Ti-48
-8.795 To 2161. %



42

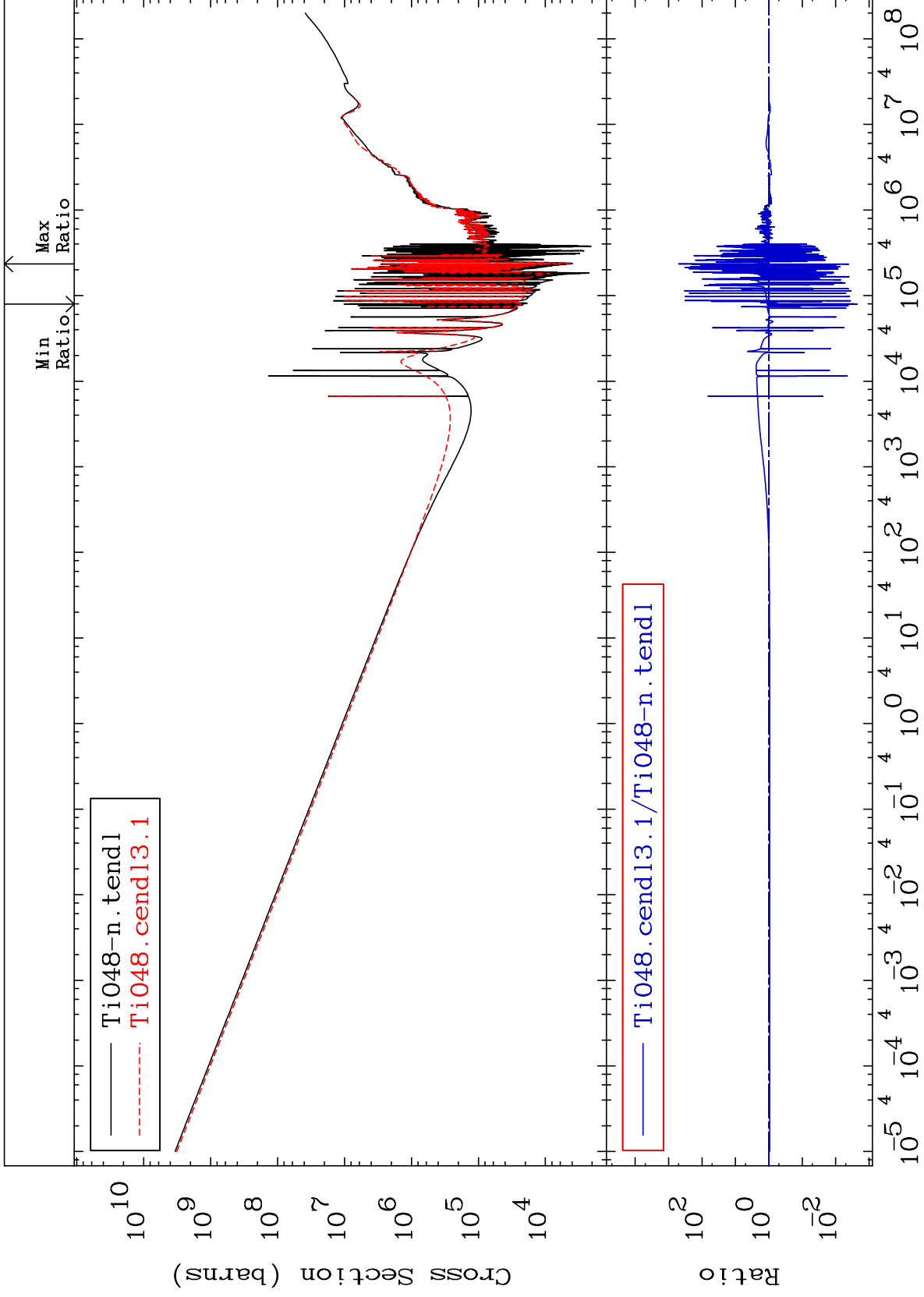
Incident Energy (eV)

²²Ti-48

MAT 2231

Kerma total (eV-barns)
Cross Section

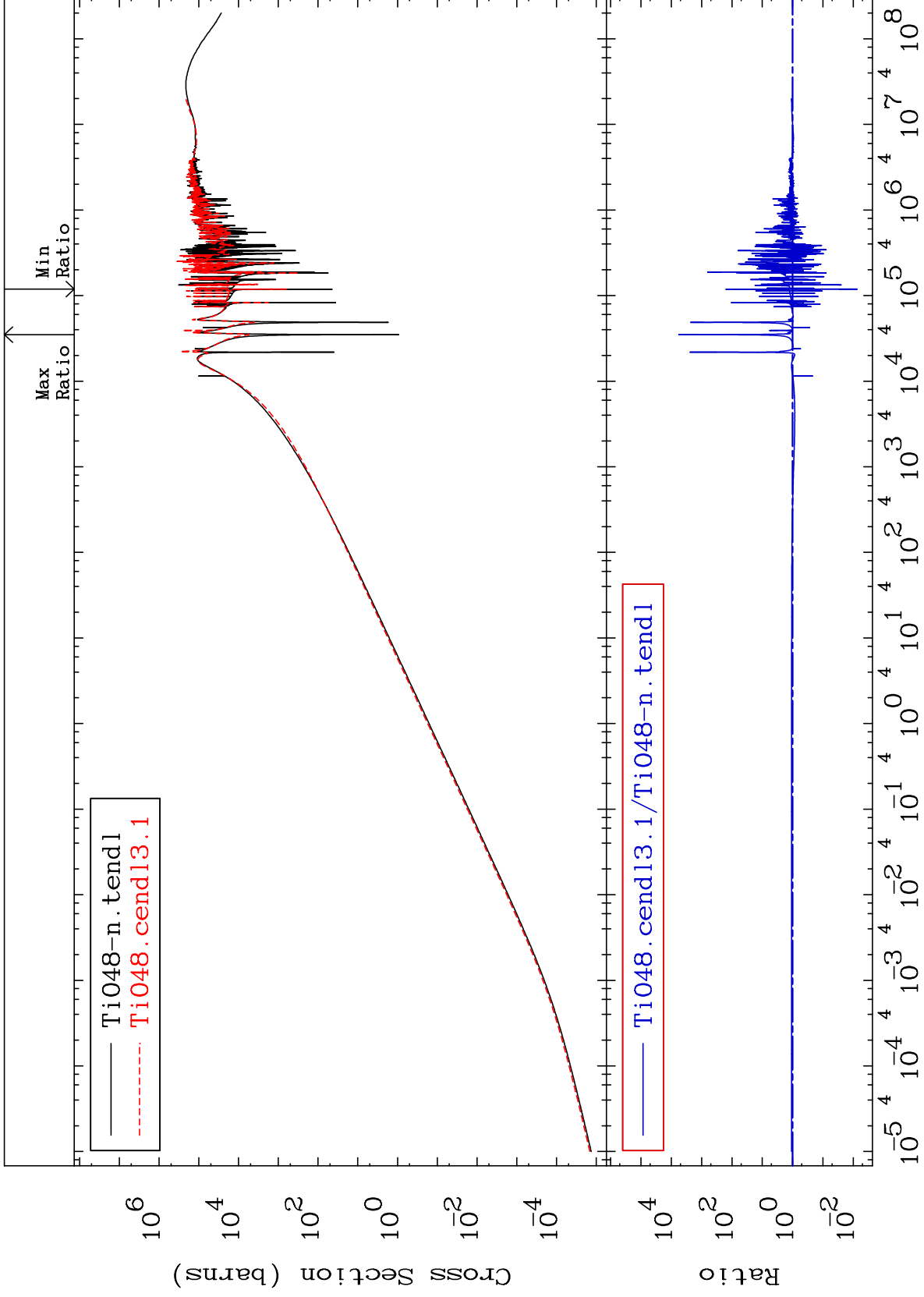
22-Ti-48
-99.777 To 9999. %

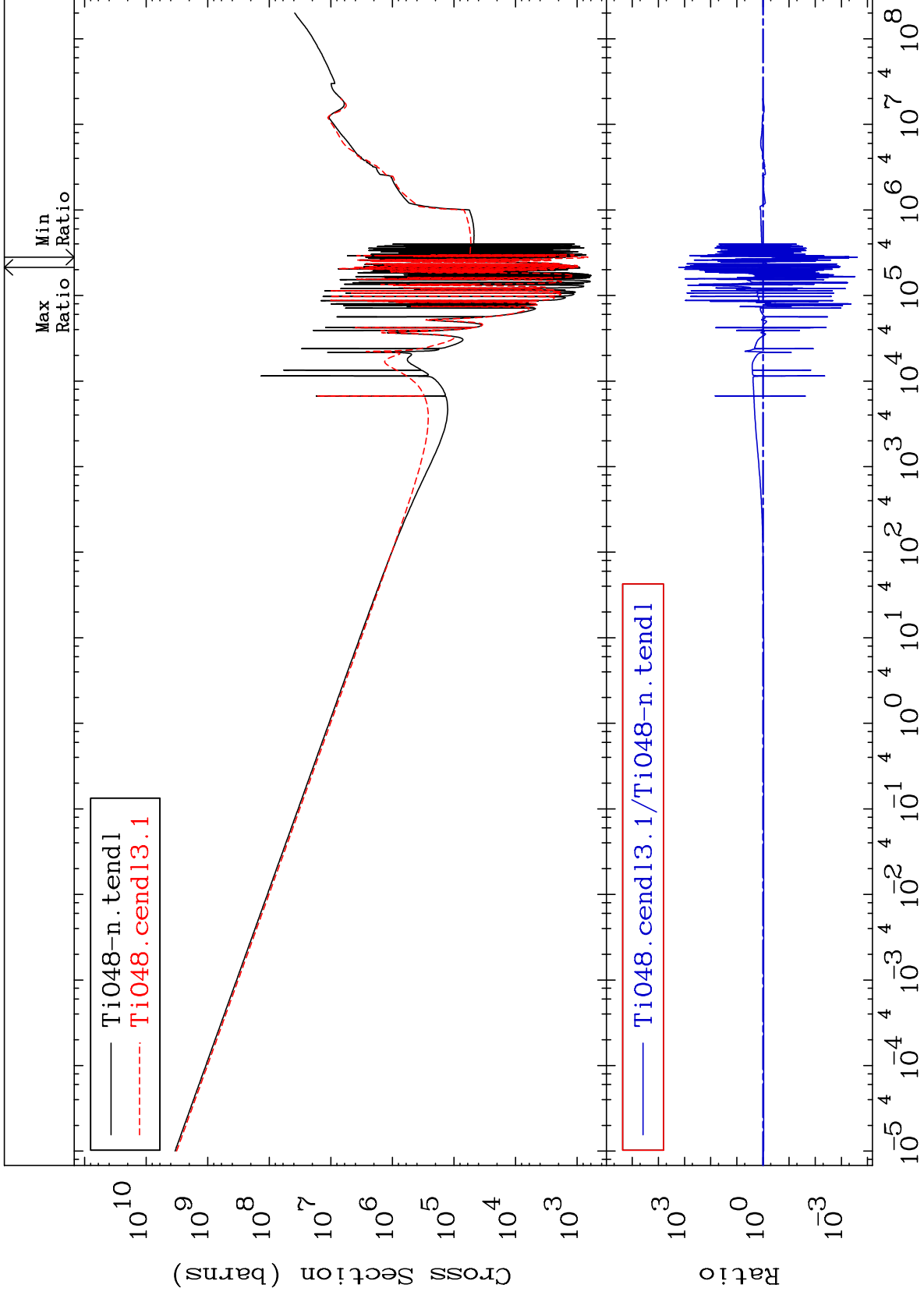


43

Incident Energy (eV)

22-Ti-48

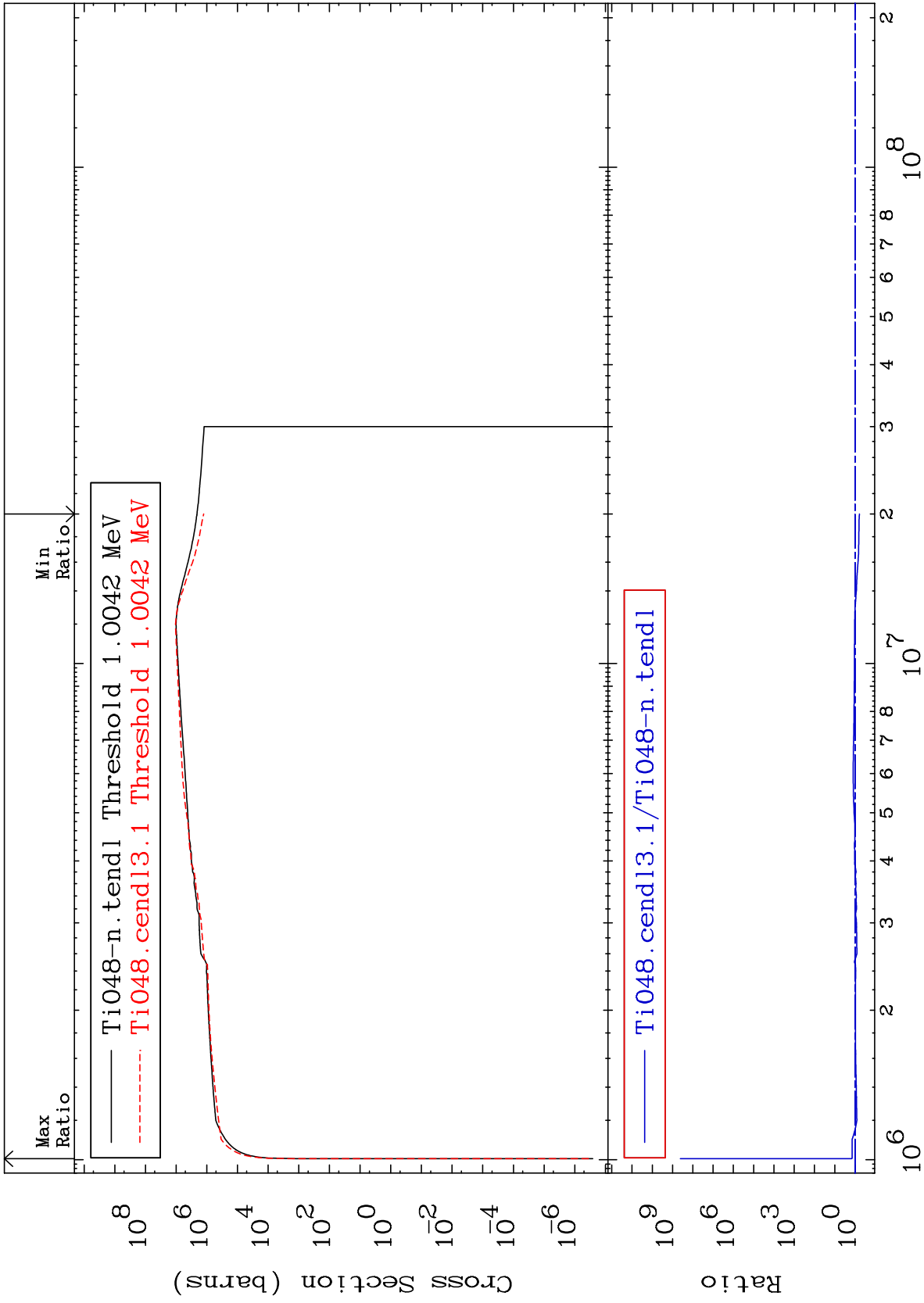




MAT 2231

Kerma inelastic (mt51-91)
Cross Section

22-Ti-48
-39.62 To 9999. %



46

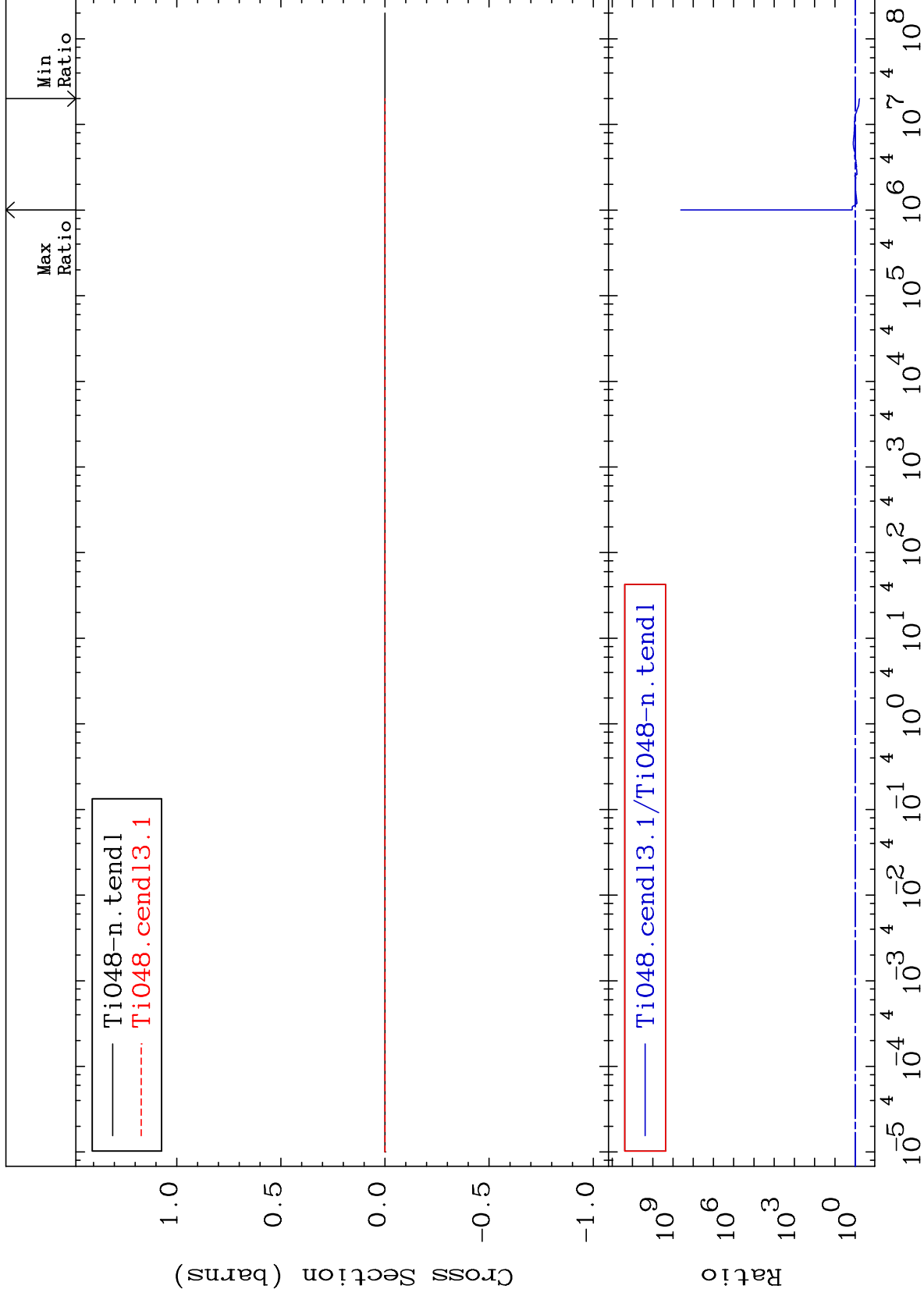
Incident Energy (eV)

22-Ti-48

MAT 2231

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

22-Ti-48
-39.62 To 9999. %



47

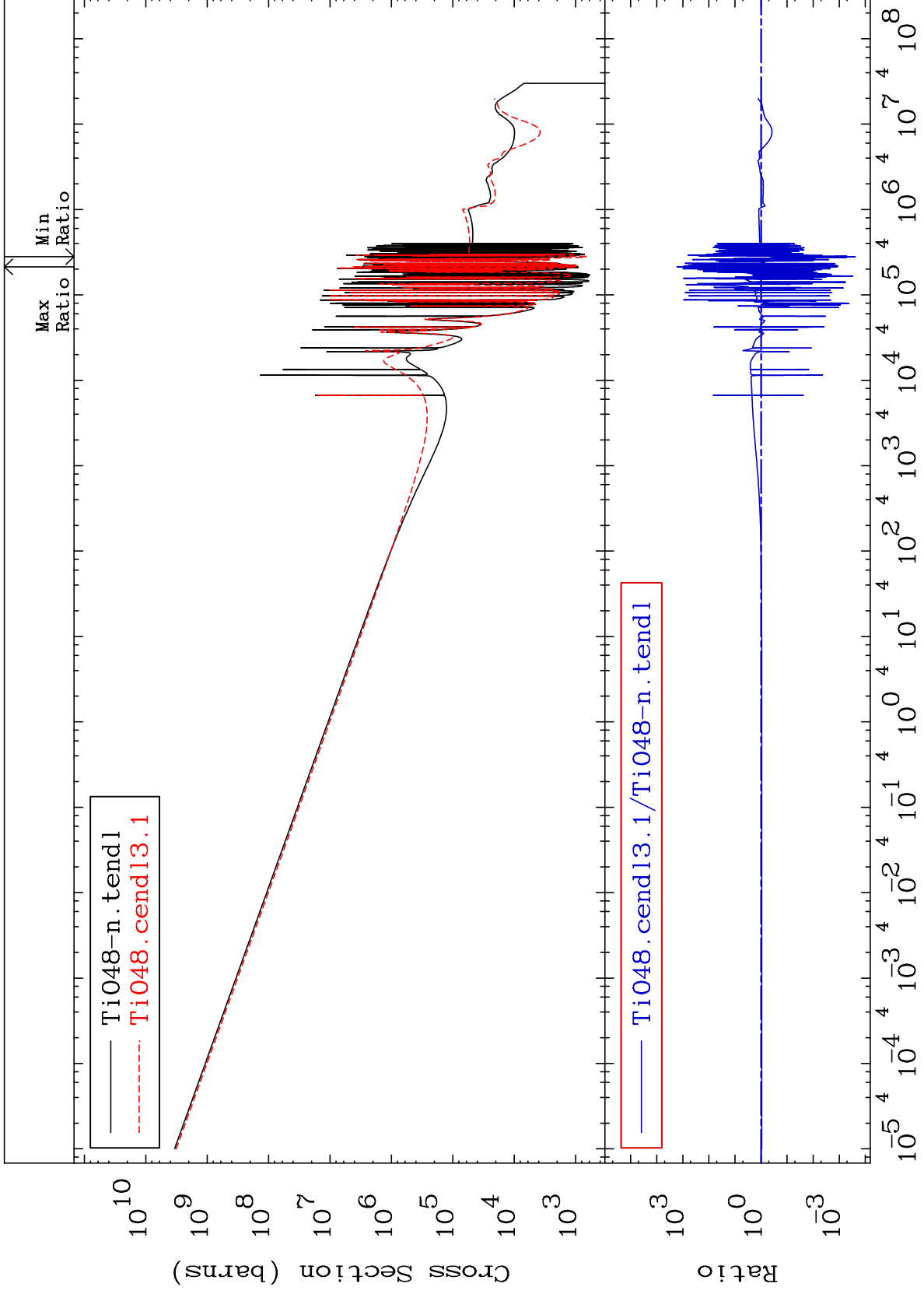
Incident Energy (eV)

22-Ti-48

MAT 2231

Kerma capture (mt102)
Cross Section

22-Ti-48
-99.98 To 9999. %



48

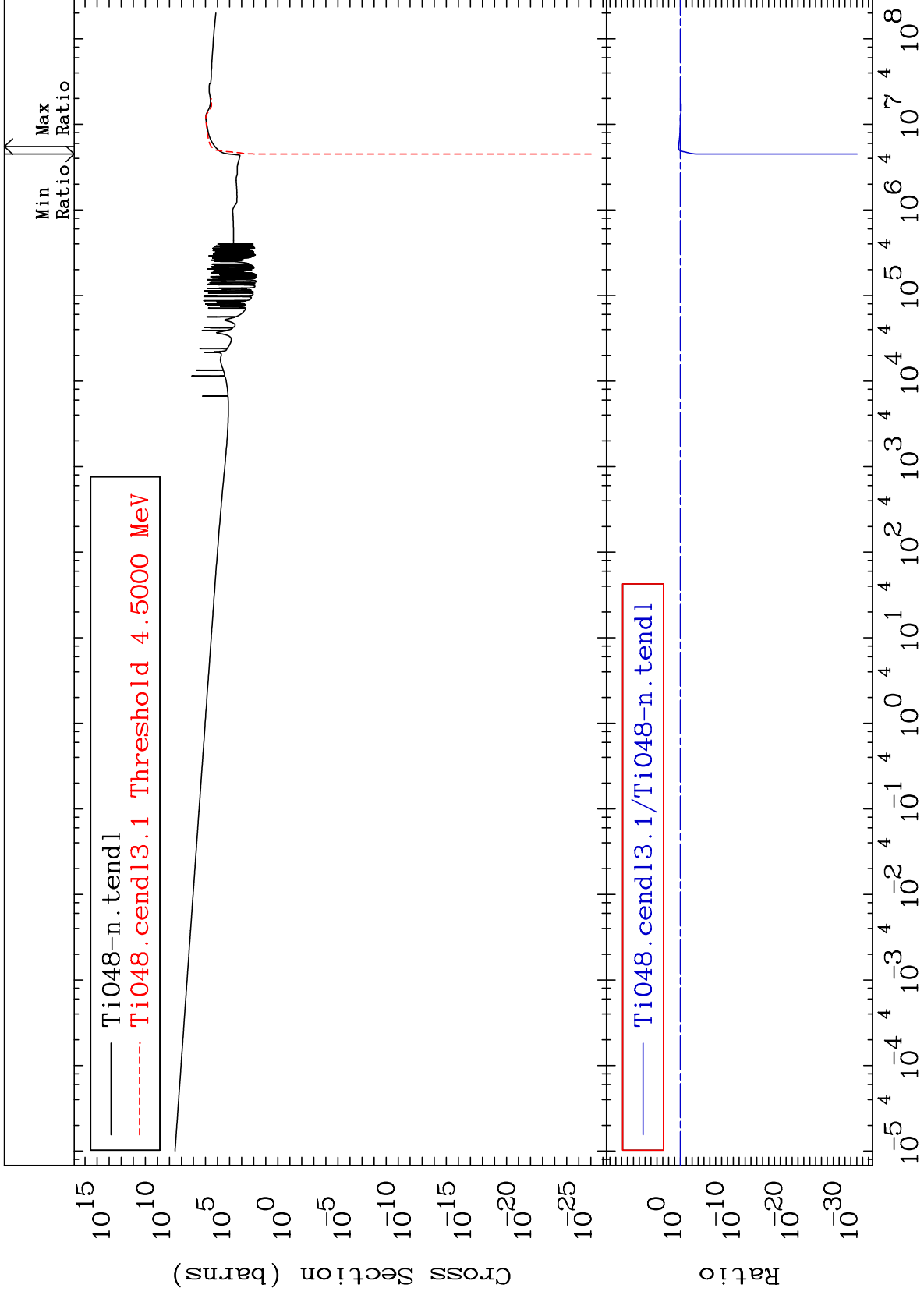
Incident Energy (eV)

22-Ti-48

MAT 2231

Total photon (eV-barns)
Cross Section

22-Ti-48
-100.0 To 100.7 %

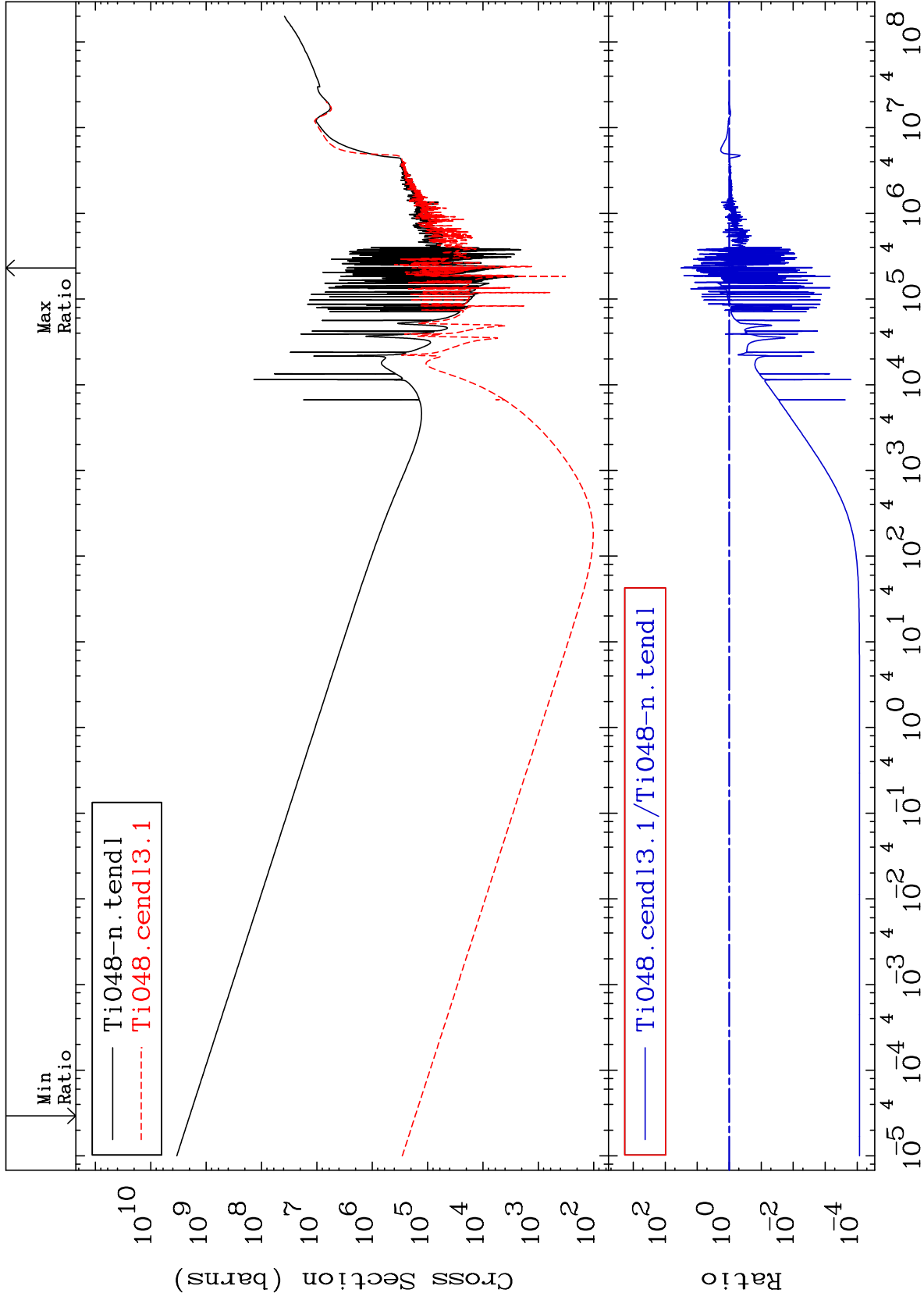


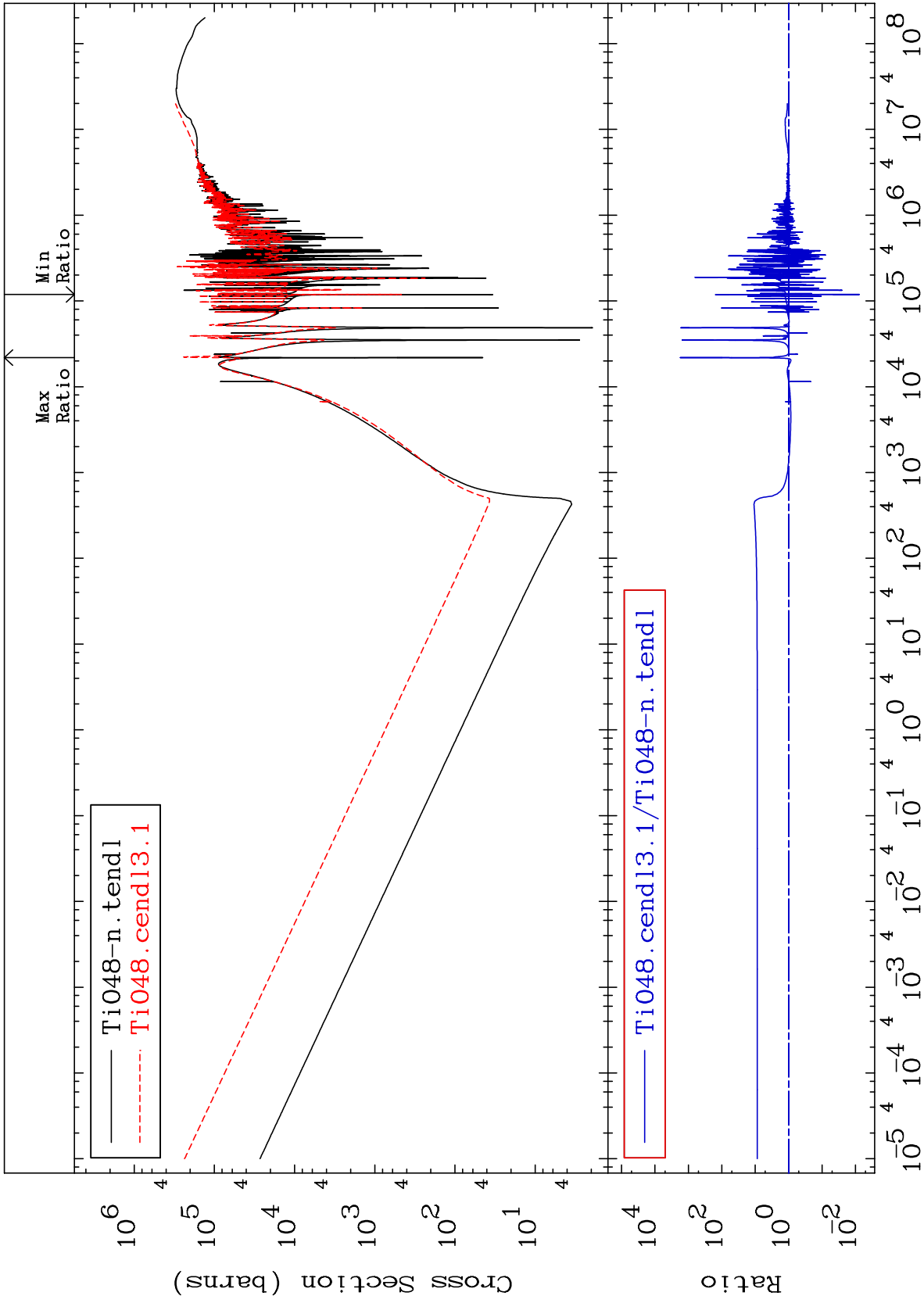
MAT 2231

Total kinematic kerma (high limit)
Cross Section

22-Ti-48

-99.99 To 3179. %

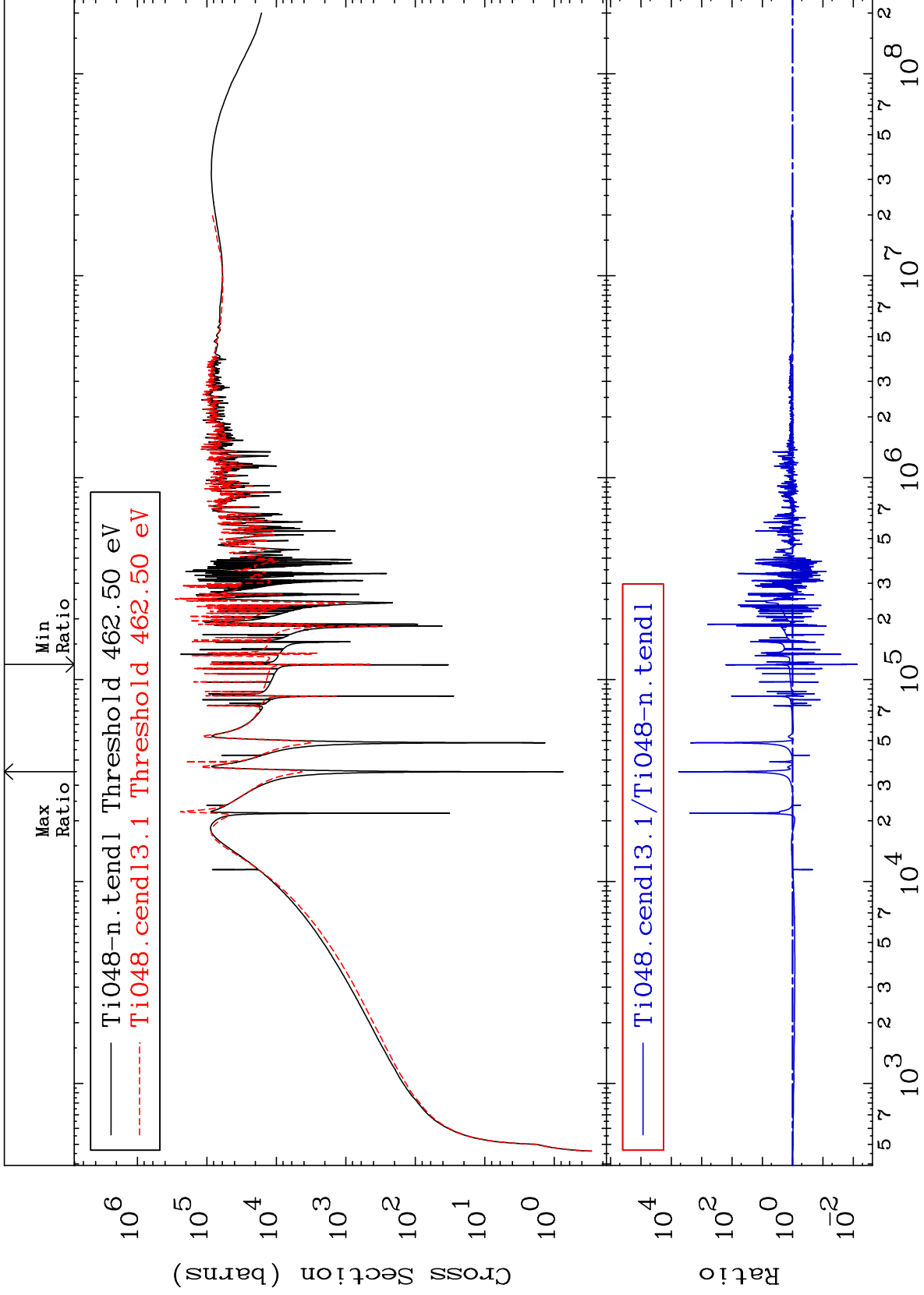


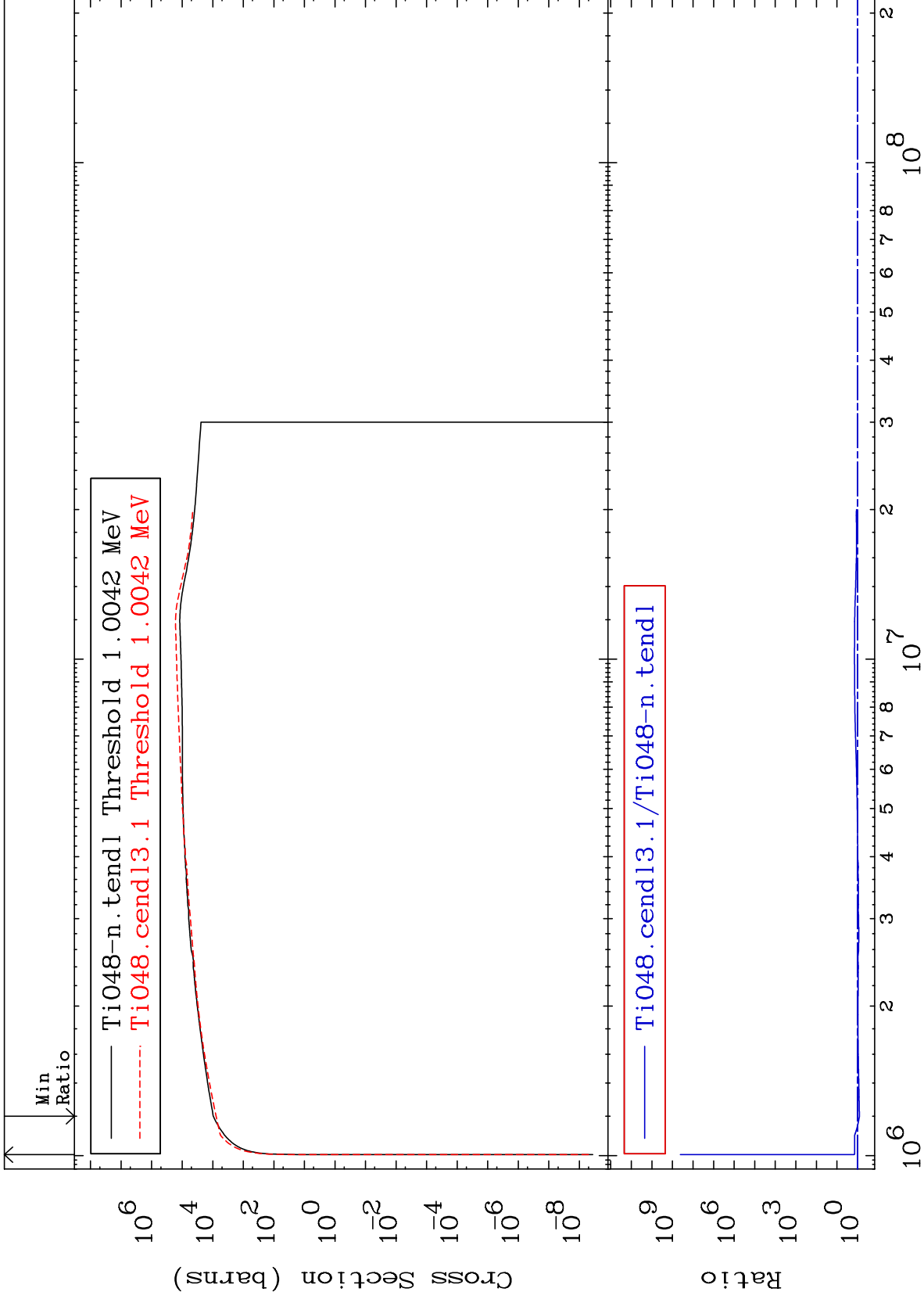


MAT 2231

Dpa elastic (mt2)
Cross Section

22-Ti-48
-99.26 To 9999. %





MAT 2231

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-48
-98.81 To 9999. %

