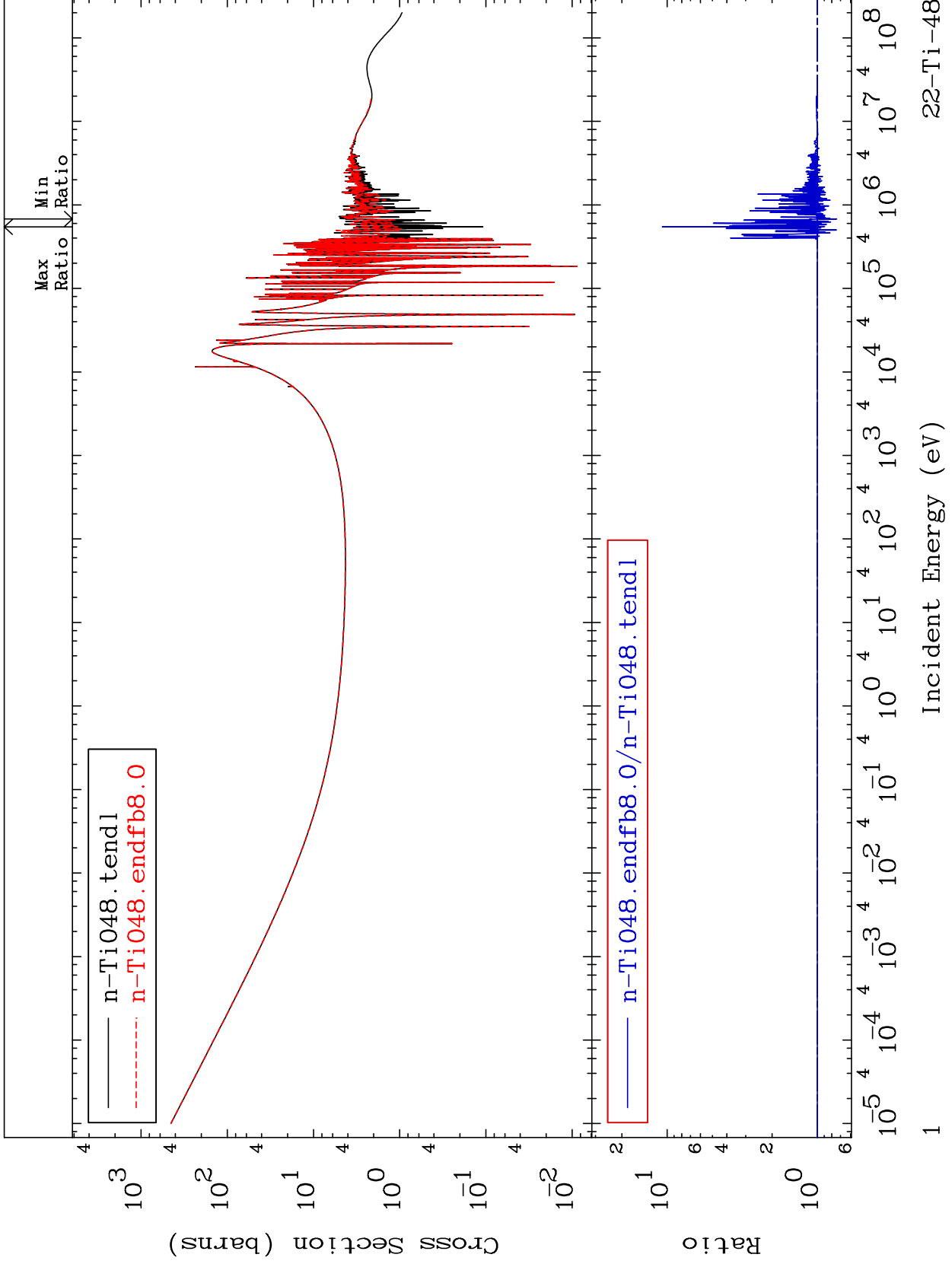


MAT 2231

Total
Cross Section

22-Ti-48
-25.66 To 977.1 %



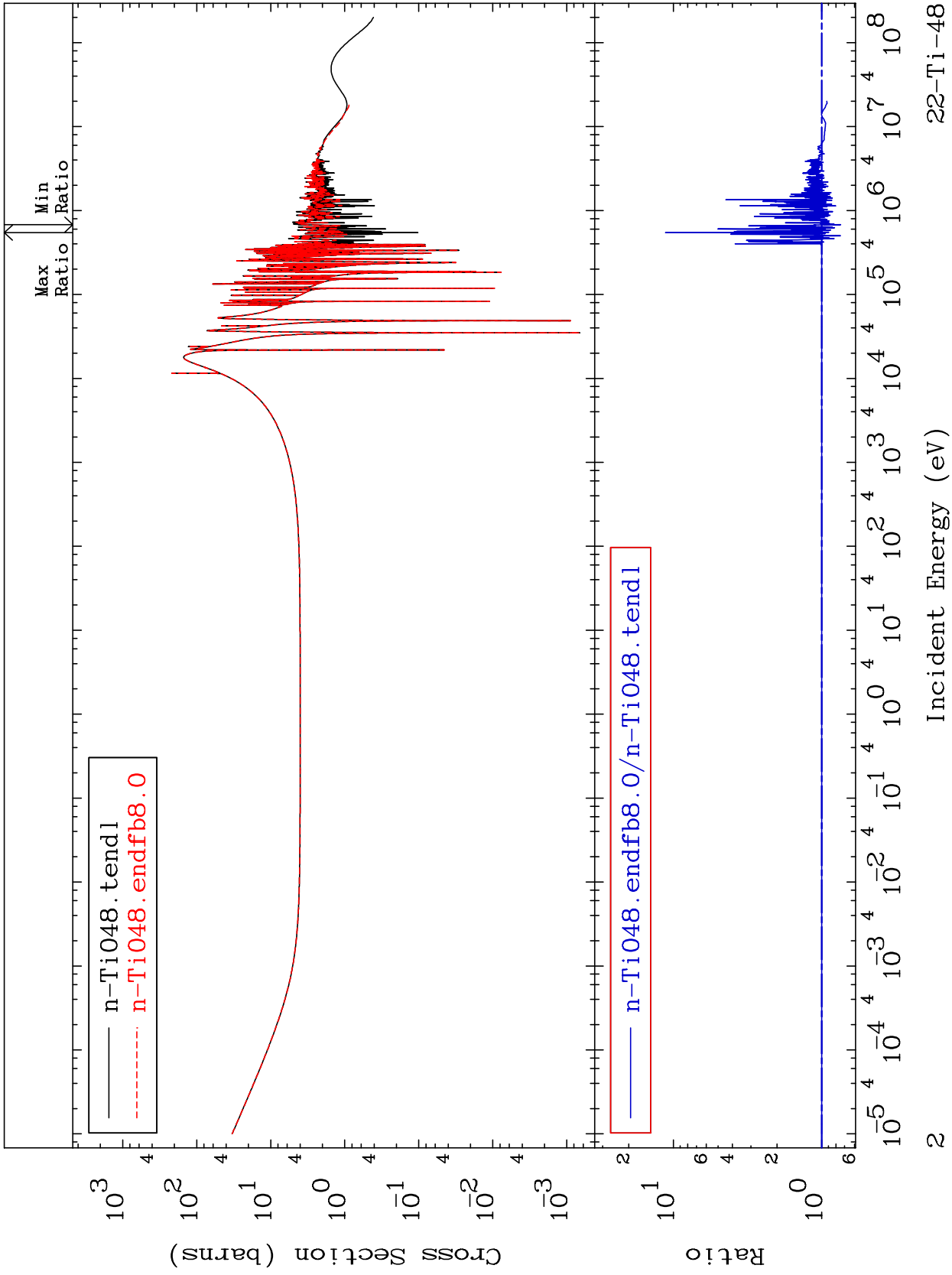
22-Ti-48

Incident Energy (eV)

MAT 2231

Elastic
Cross Section

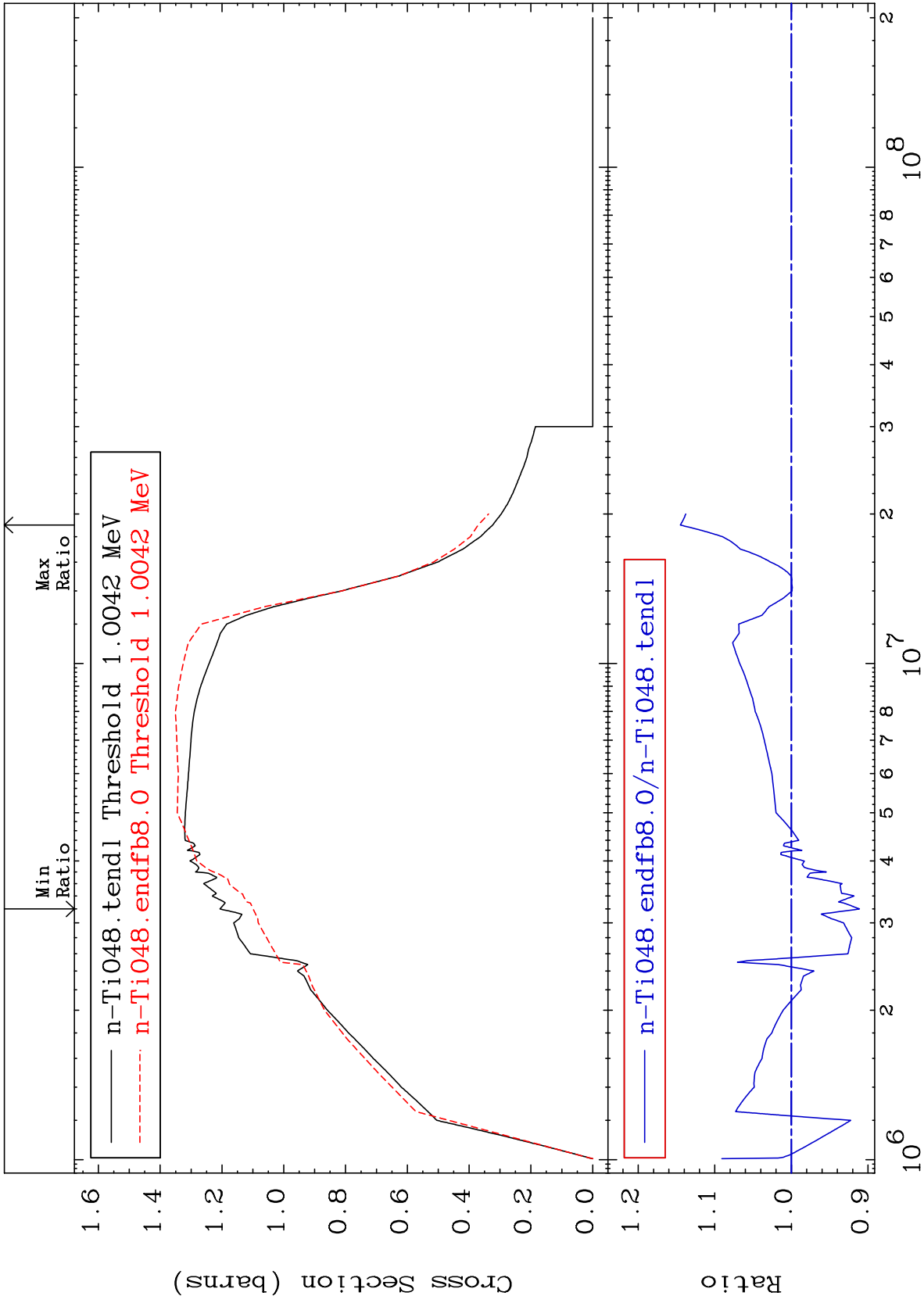
22-Ti-48
-25.64 To 1031. %



MAT 2231

Inelastic
Cross Section

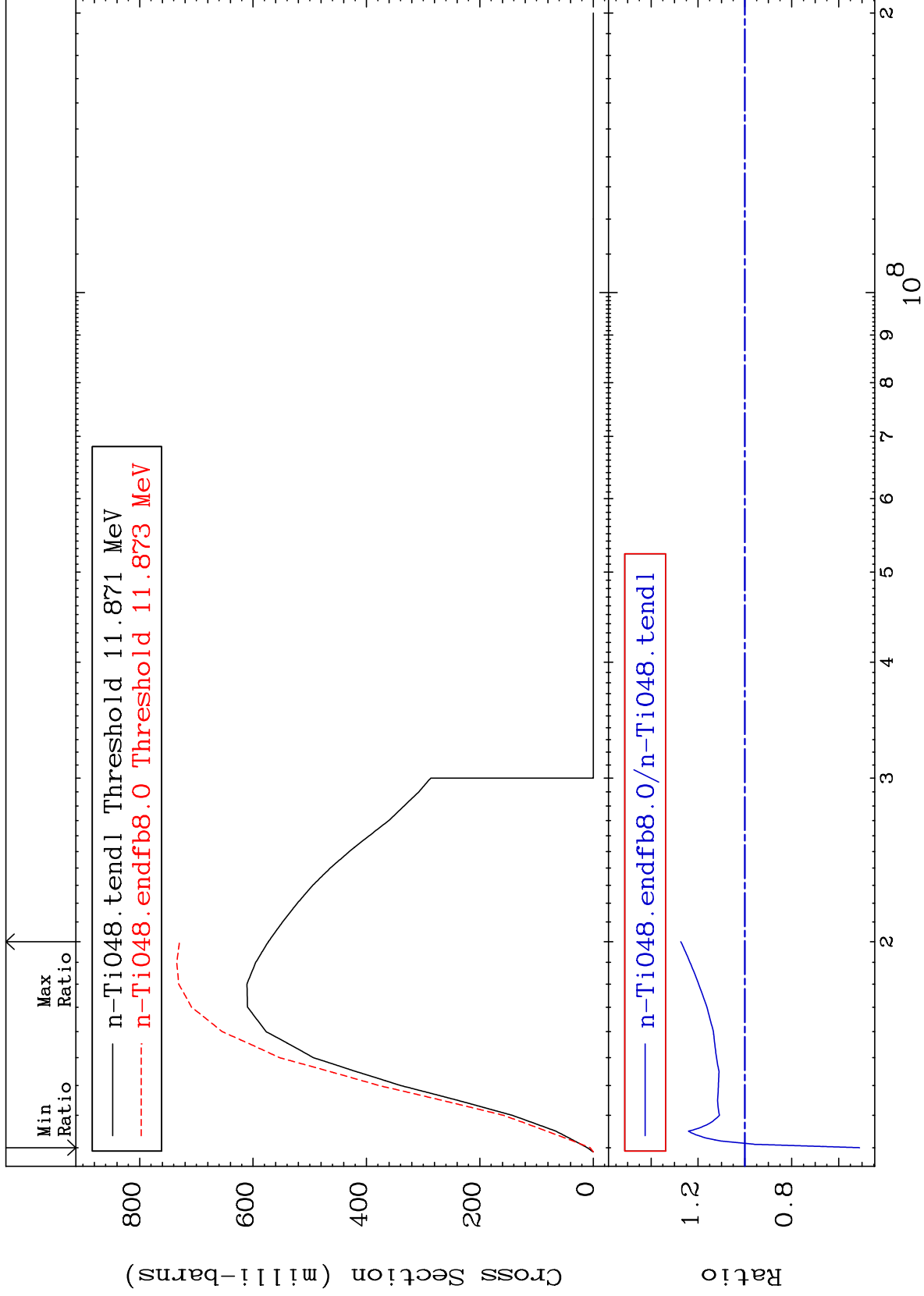
22-Ti-48
-8.884 To 14.50 %



MAT 2231

(n,2n)
Cross Section

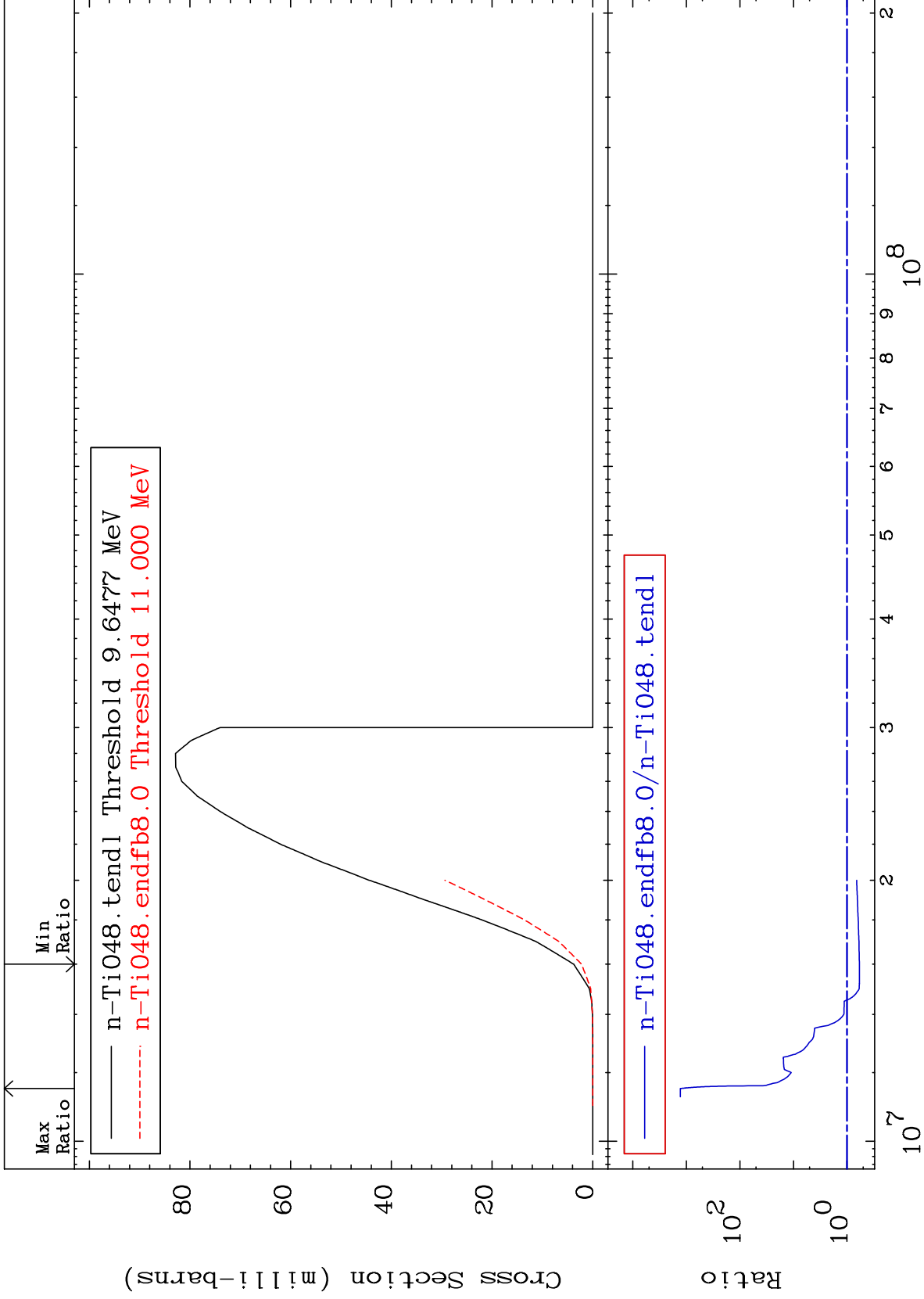
²²Ti-48
-48.91 To 27.35 %

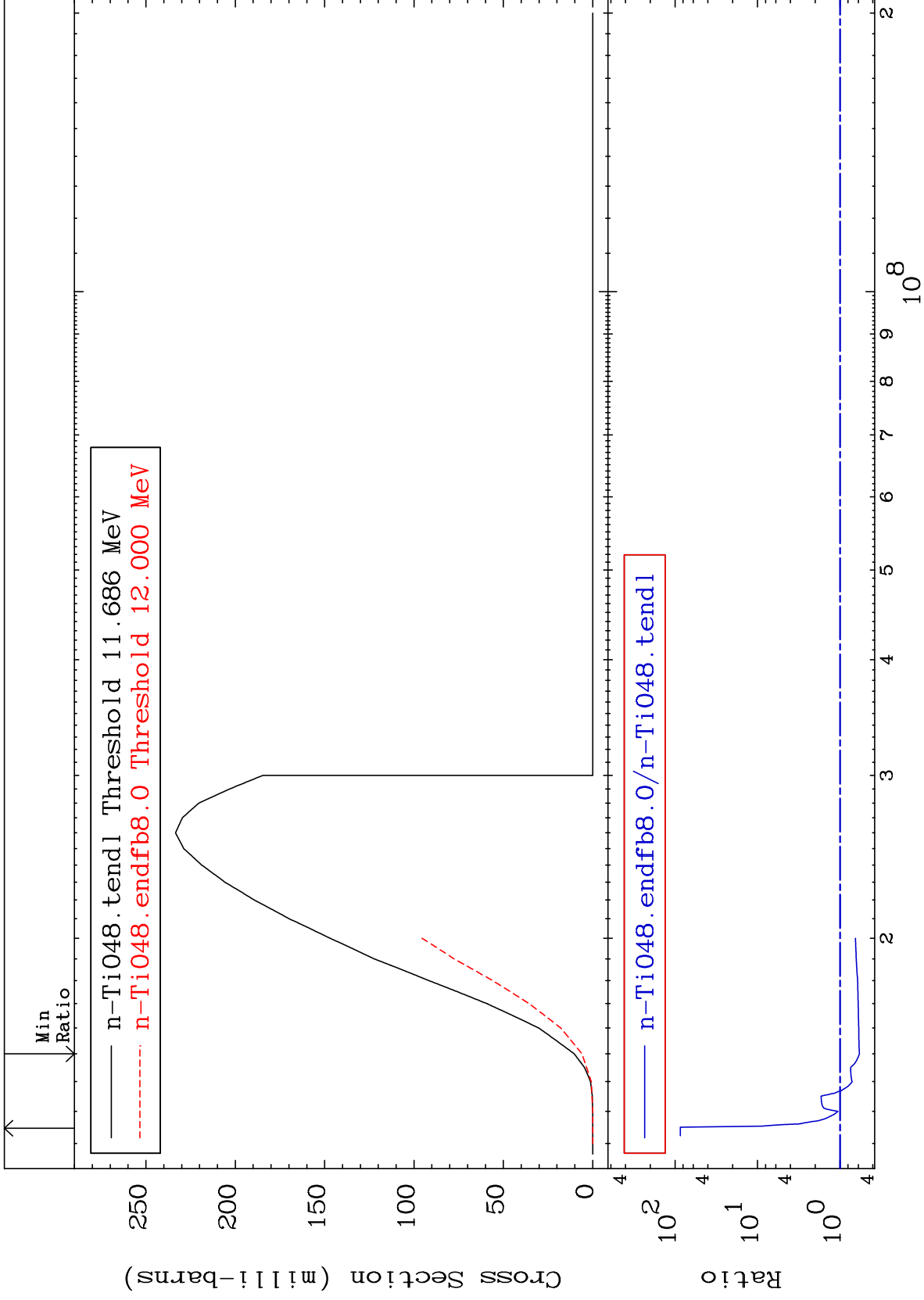


MAT 2231

(n,n') α
Cross Section

22-Ti-48
-41.36 To 9999. %

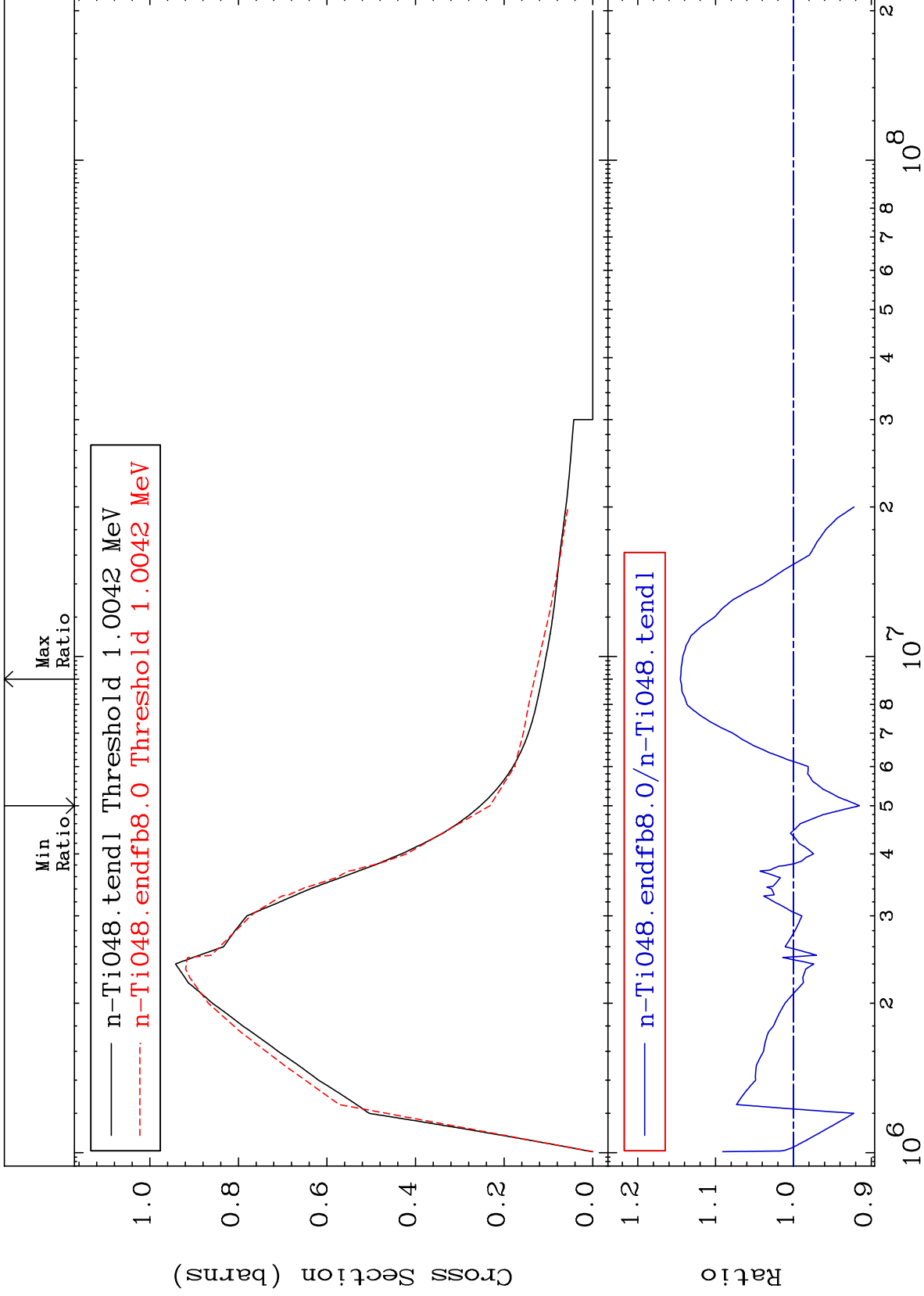




MAT 2231

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

22-Ti-48
-8.486 To 14.54 %



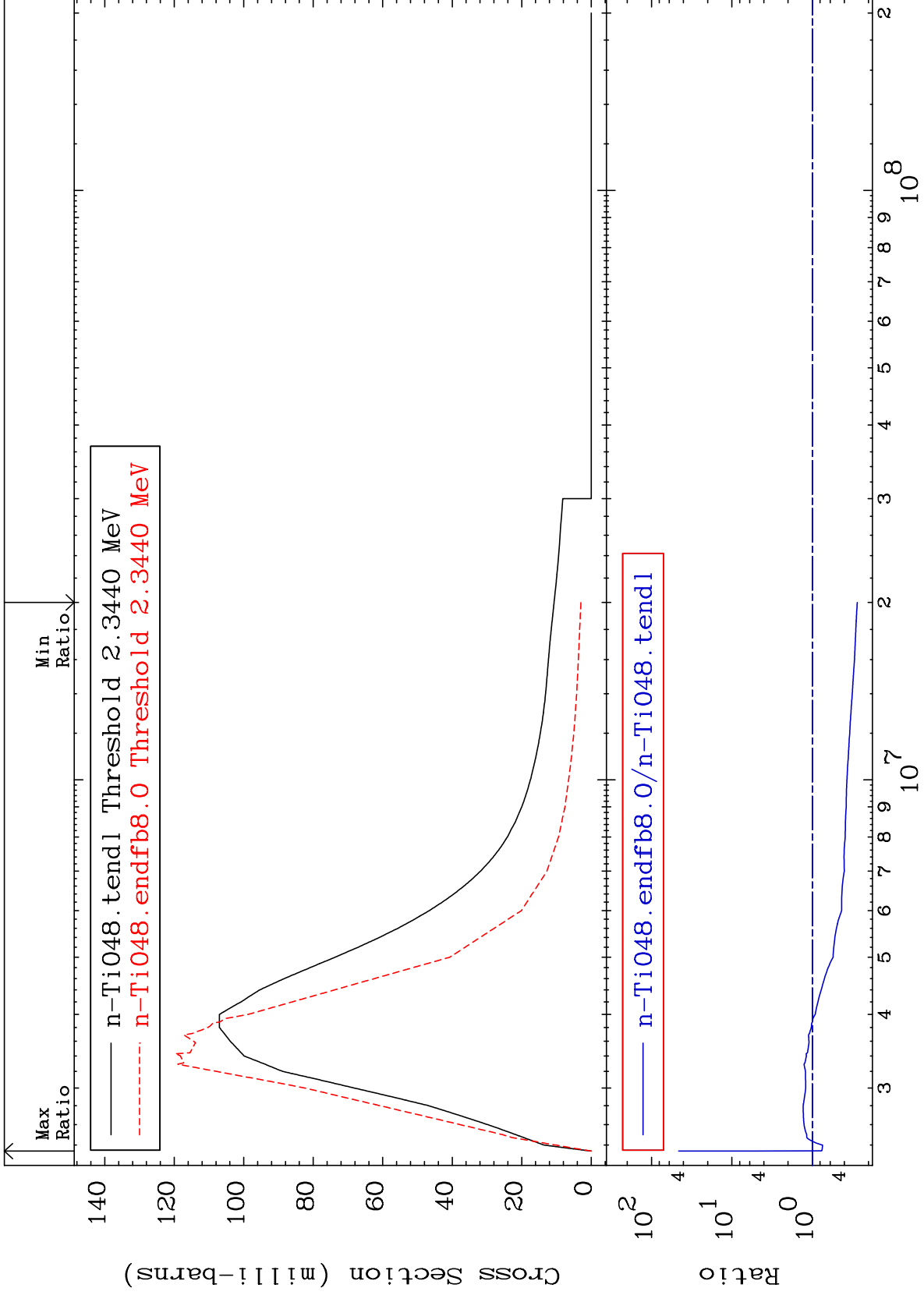
22-Ti-48

Incident Energy (eV)

MAT 2231

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

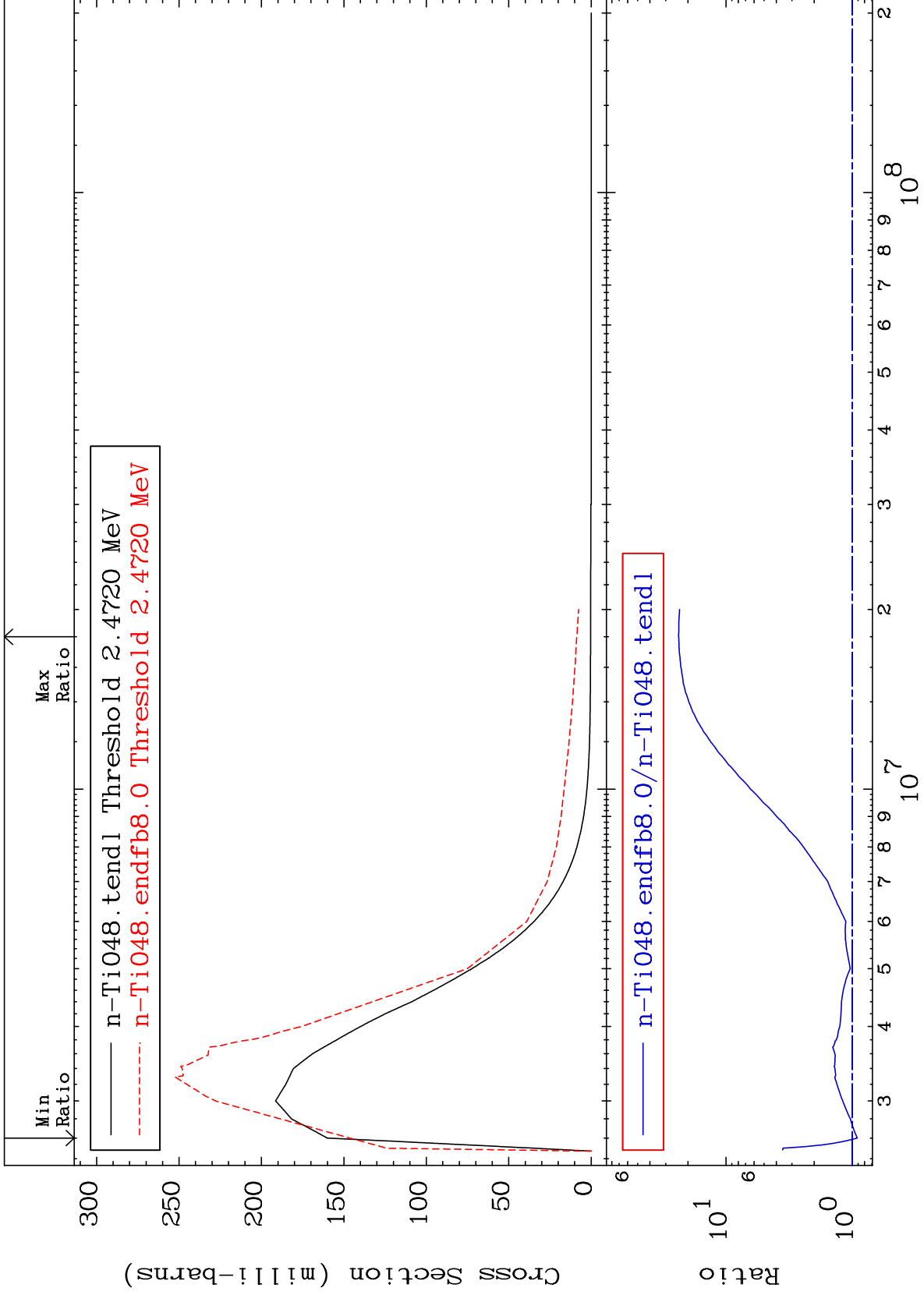
22-Ti-48
-72.39 To 4492. %



MAT 2231

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

22-Ti-48
-8.573 To 2269. %



9

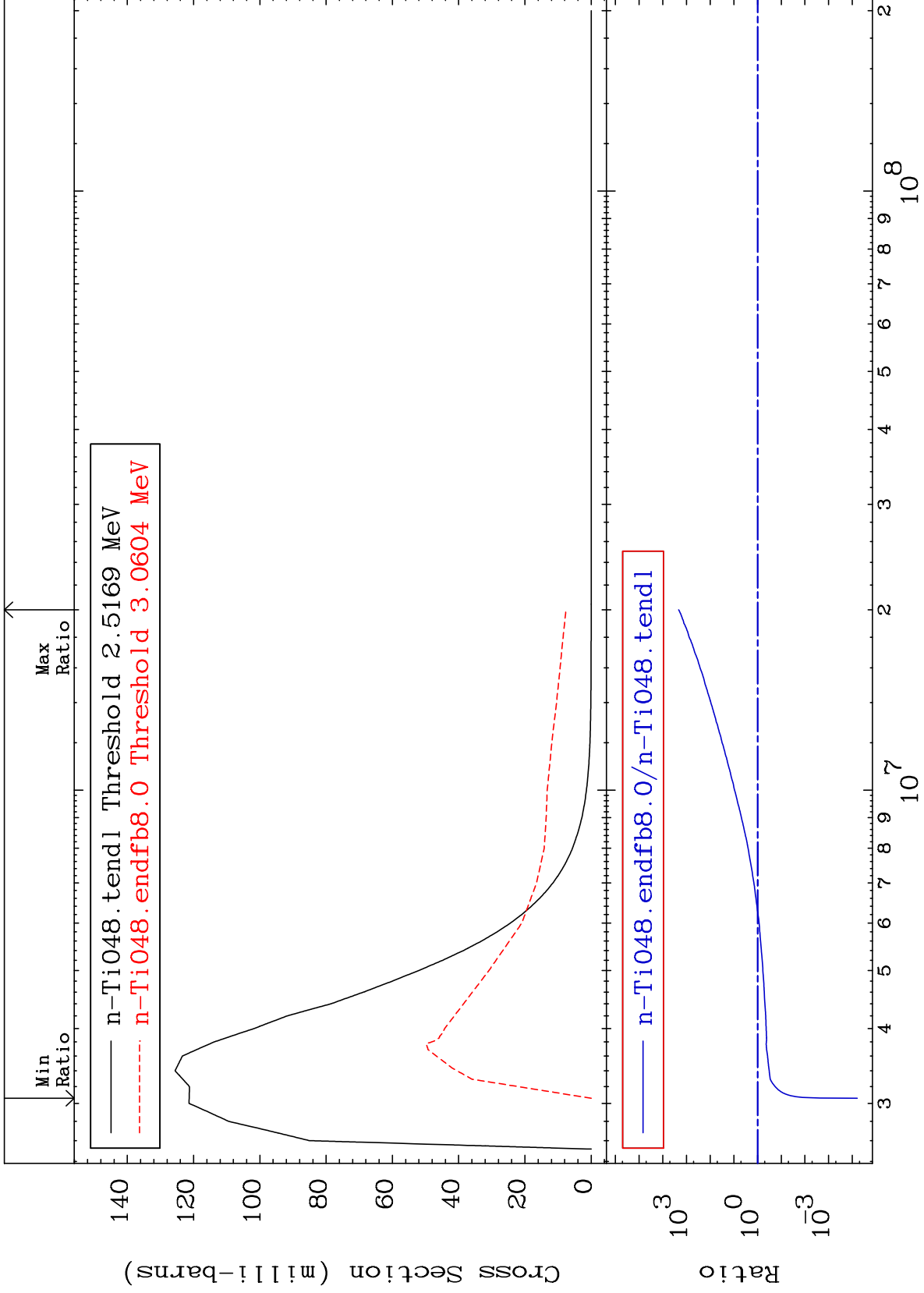
Incident Energy (eV)

22-Ti-48

MAT 2231

MT= 54 (n,n') Level
Cross Section

22-Ti-48
-99.99 To 9999. %



10

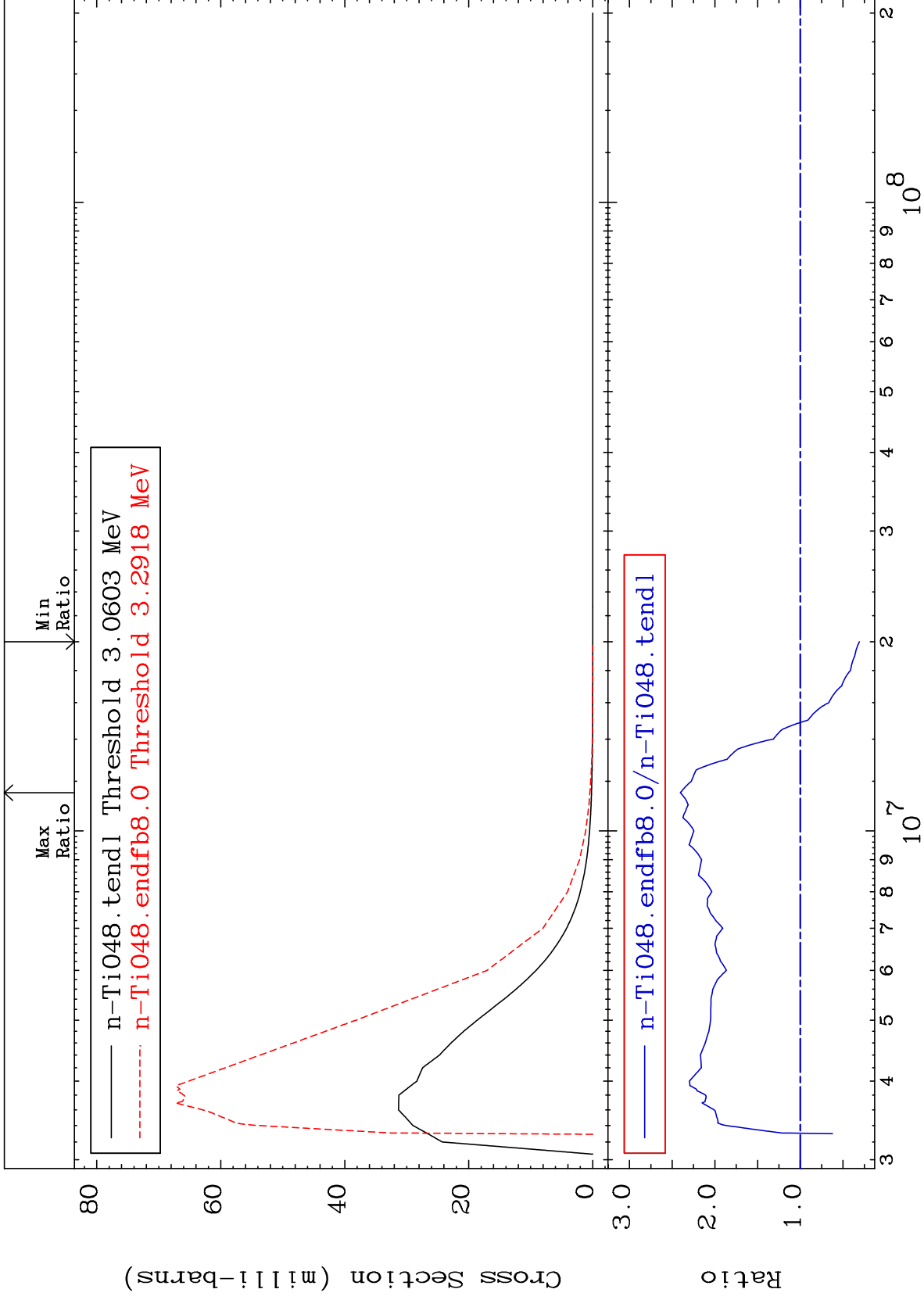
Incident Energy (eV)

22-Ti-48

MAT 2231

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

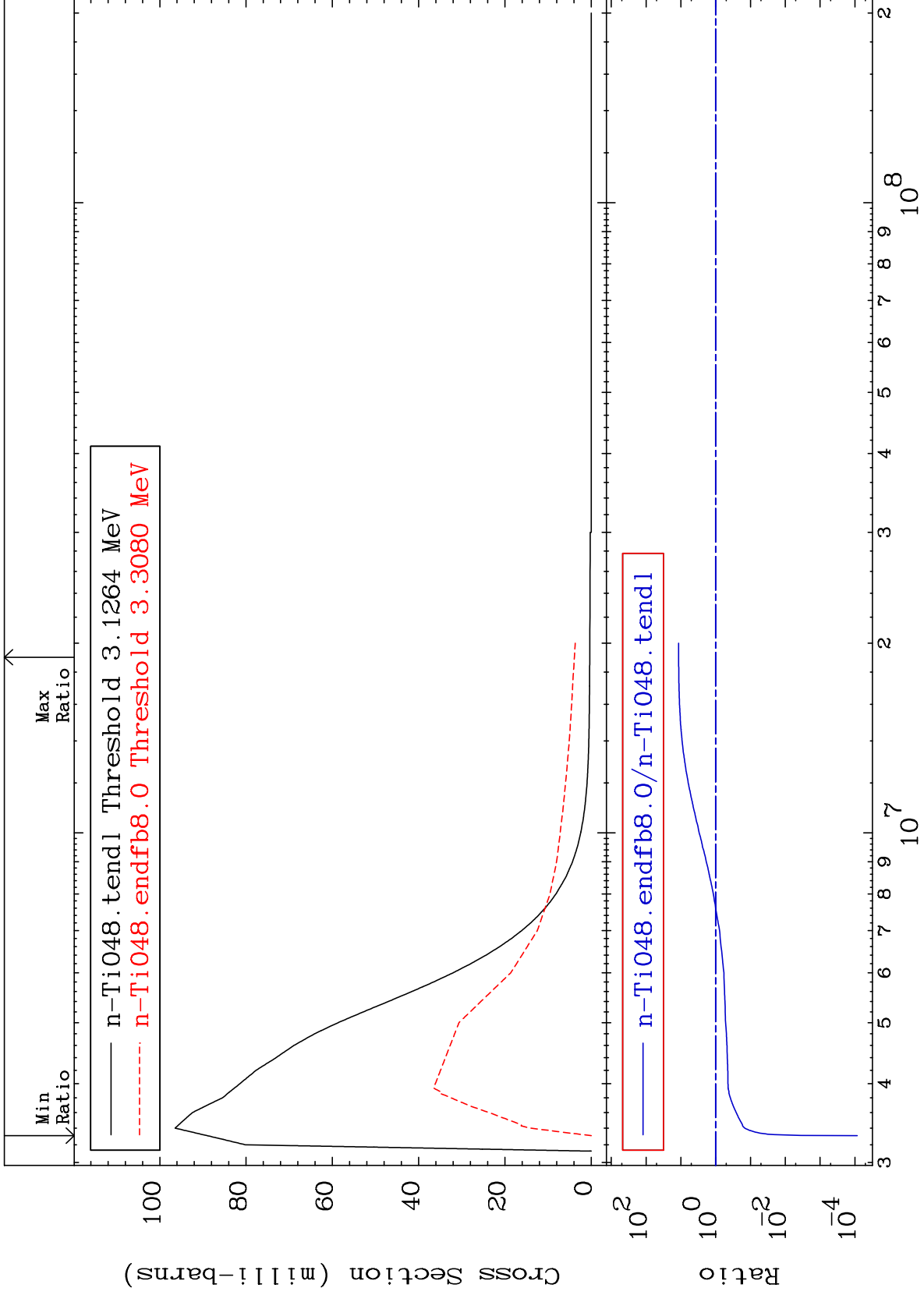
22-Ti-48
-69.25 To 140.4 %



MAT 2231

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

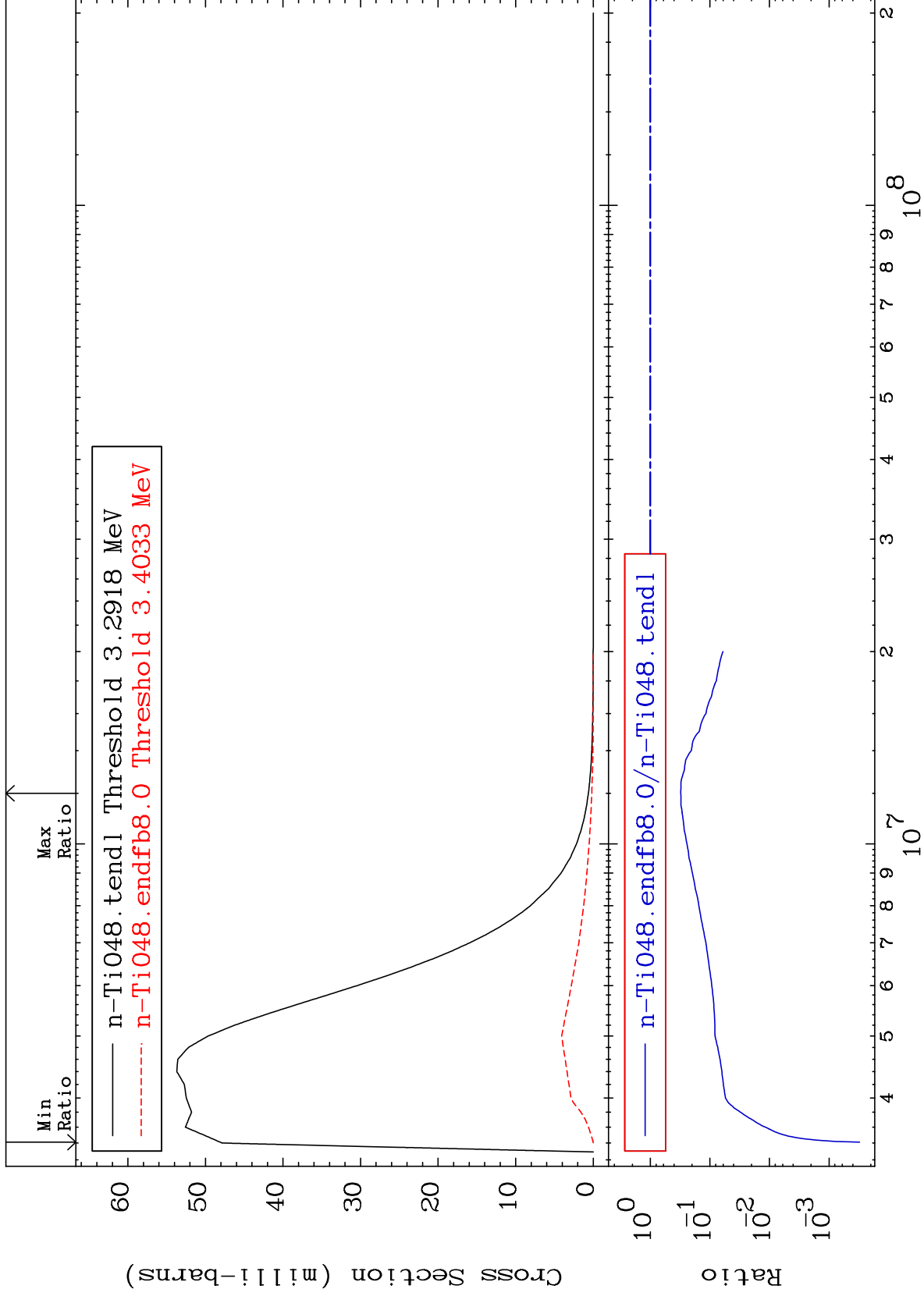
22-Ti-48
-99.99 To 1060. %



MAT 2231

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

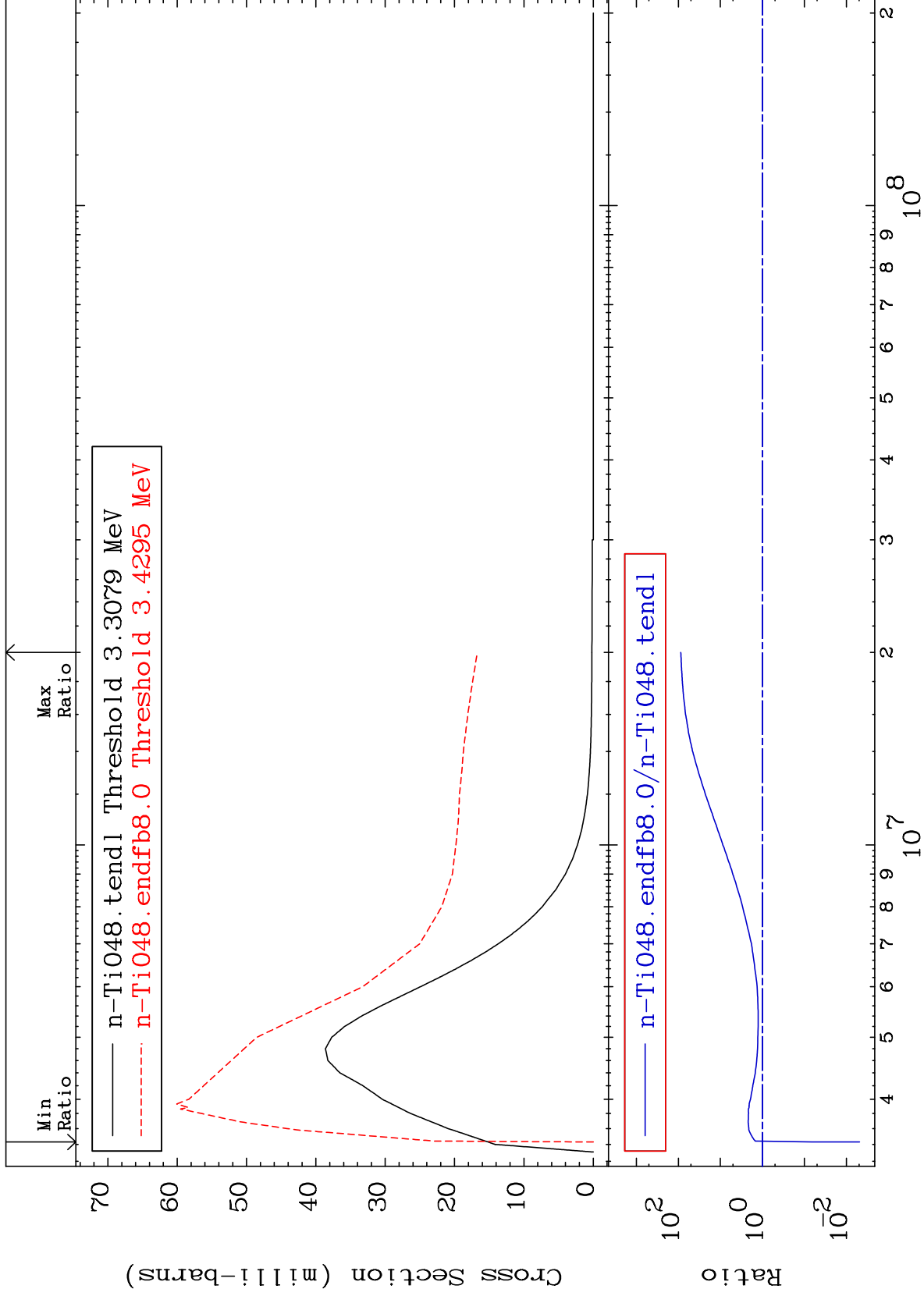
22-Ti-48
-99.97 To -69.20%



MAT 2231

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

22-Ti-48
-99.51 To 8652. %



14

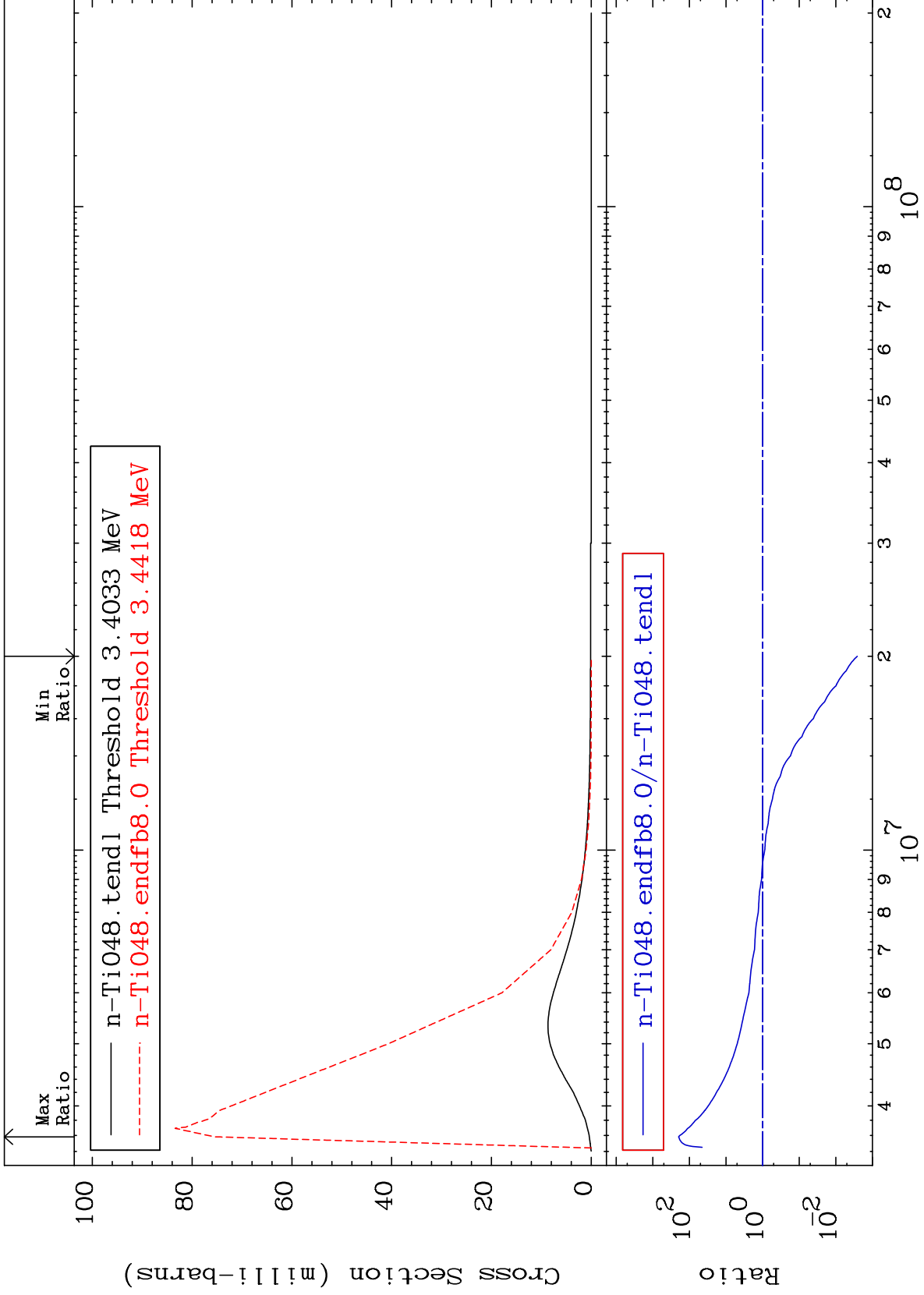
22-Ti-48

22-Ti-48

MAT 2231

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

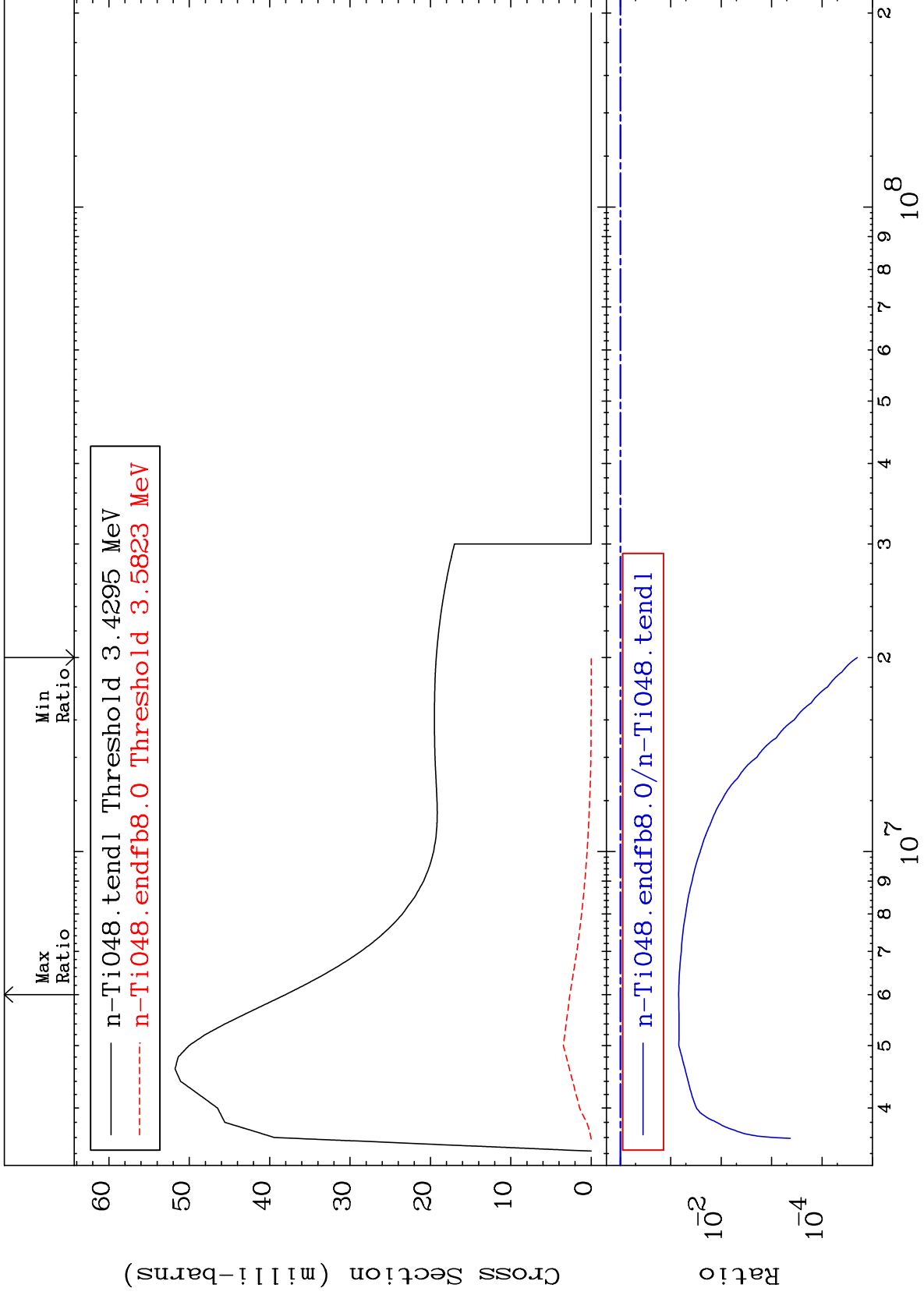
22-Ti-48
-99.74 To 9999. %



MAT 2231

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

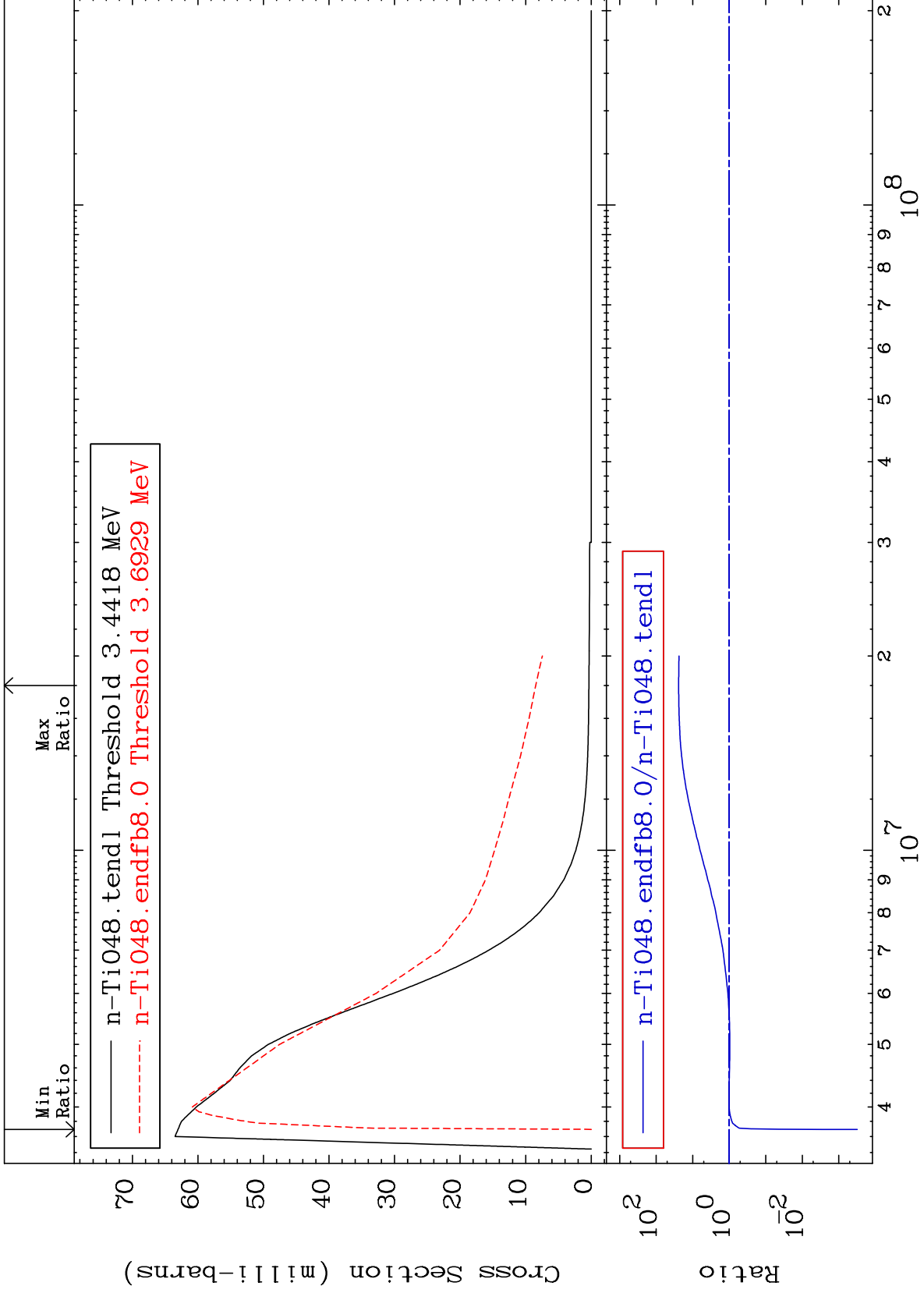
²²Ti-48
-100.0 To -93.03%



MAT 2231

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

22-Ti-48
-99.97 To 2324. %



17

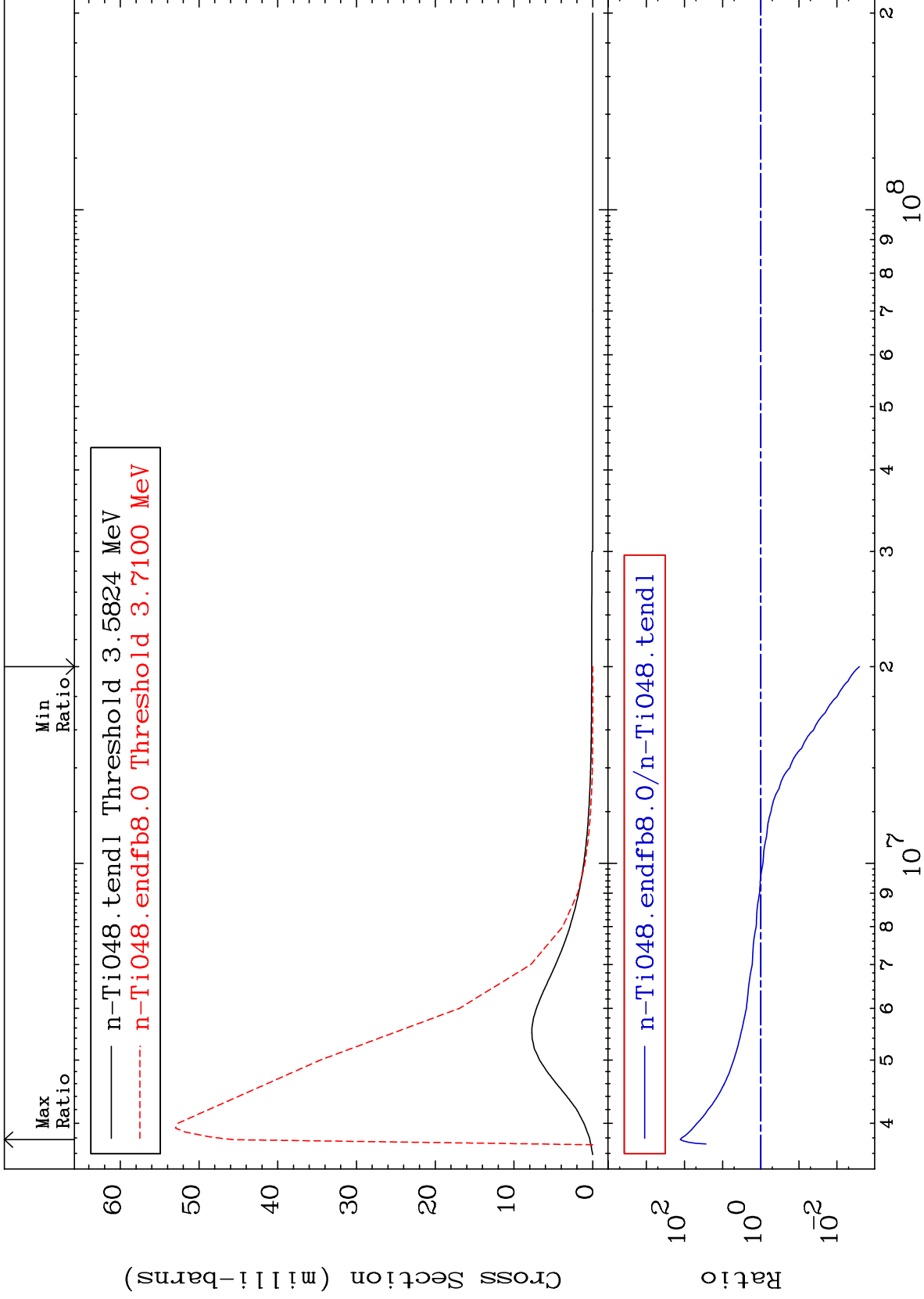
Incident Energy (eV)

22-Ti-48

MAT 2231

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

22-Ti-48
-99.74 To 9999. %



18

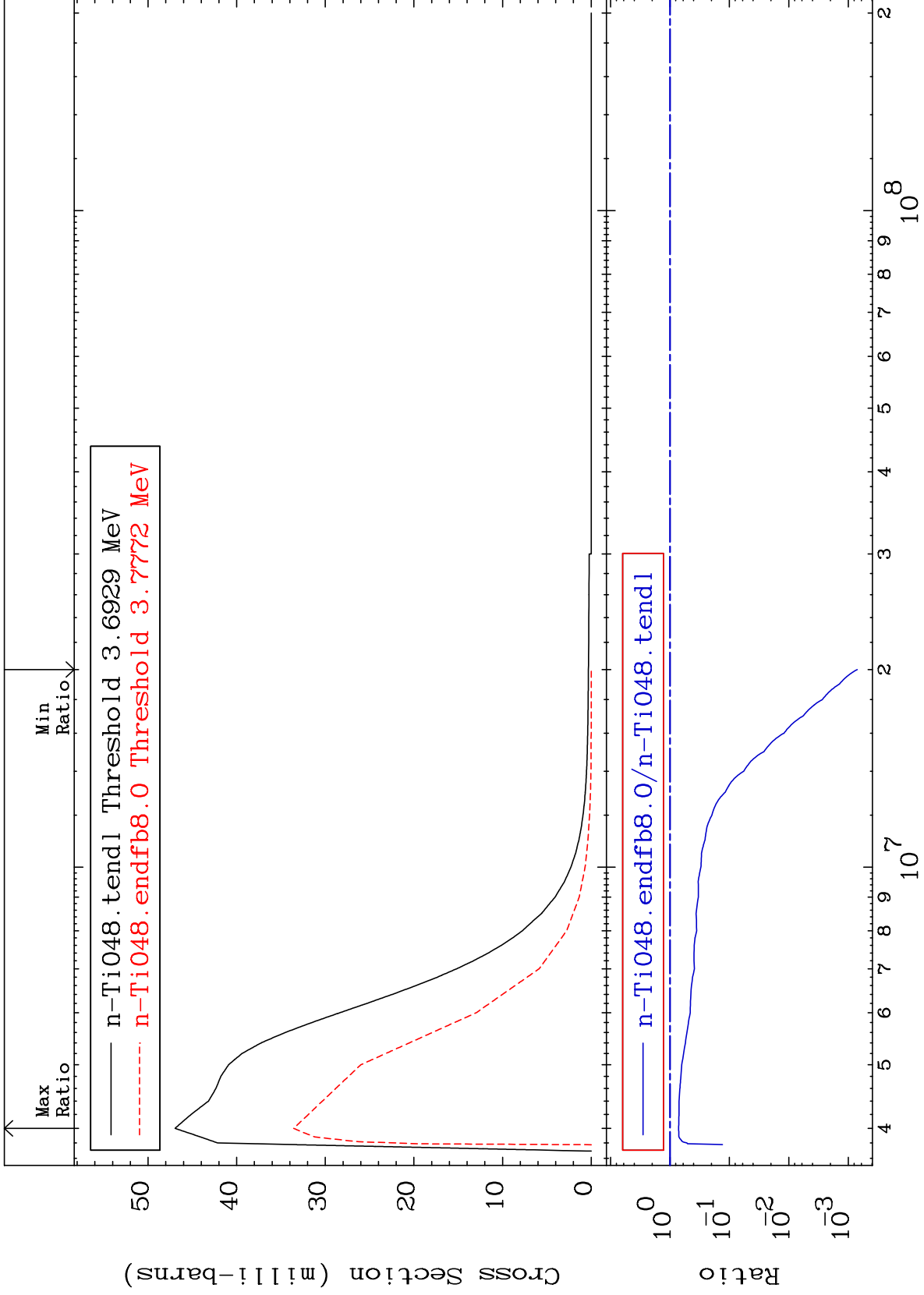
Incident Energy (eV)

22-Ti-48

MAT 2231

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

22-Ti-48
-99.93 To -28.50%



19

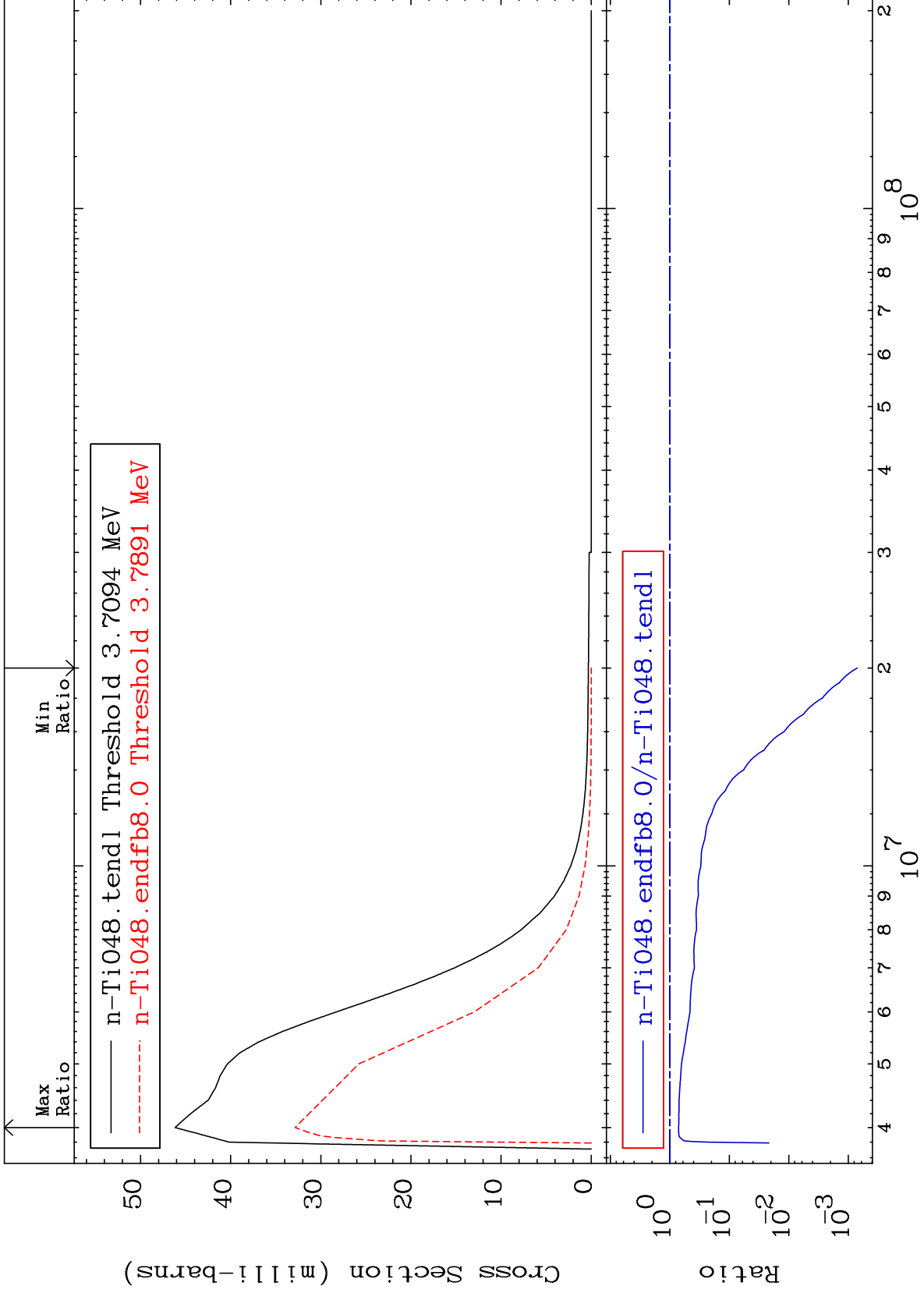
Incident Energy (eV)

22-Ti-48

MAT 2231

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

22-Ti-48
-99.93 To -28.84%



20

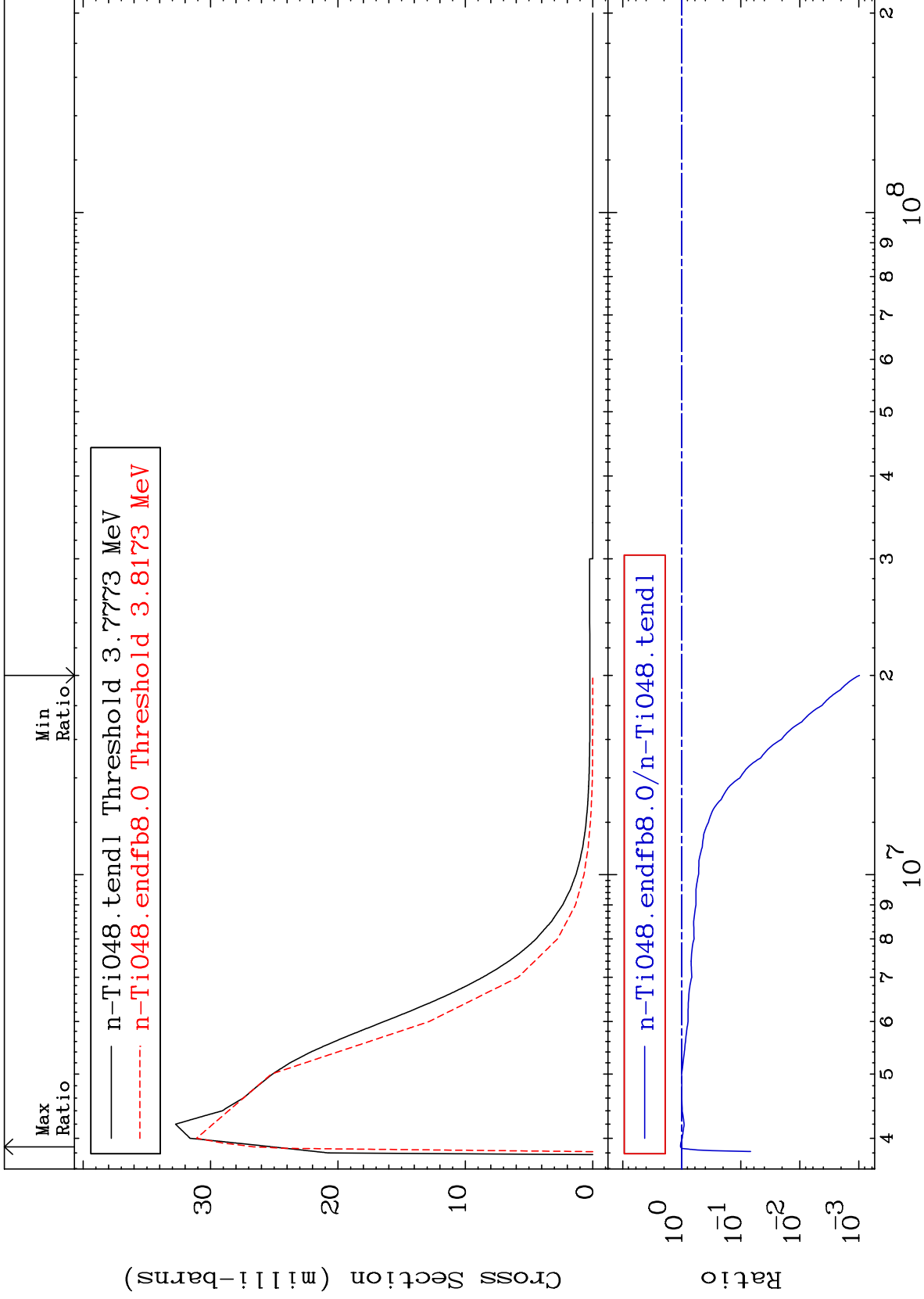
Incident Energy (eV)

22-Ti-48

MAT 2231

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

22-Ti-48
-99.90 To 5.558 %



21

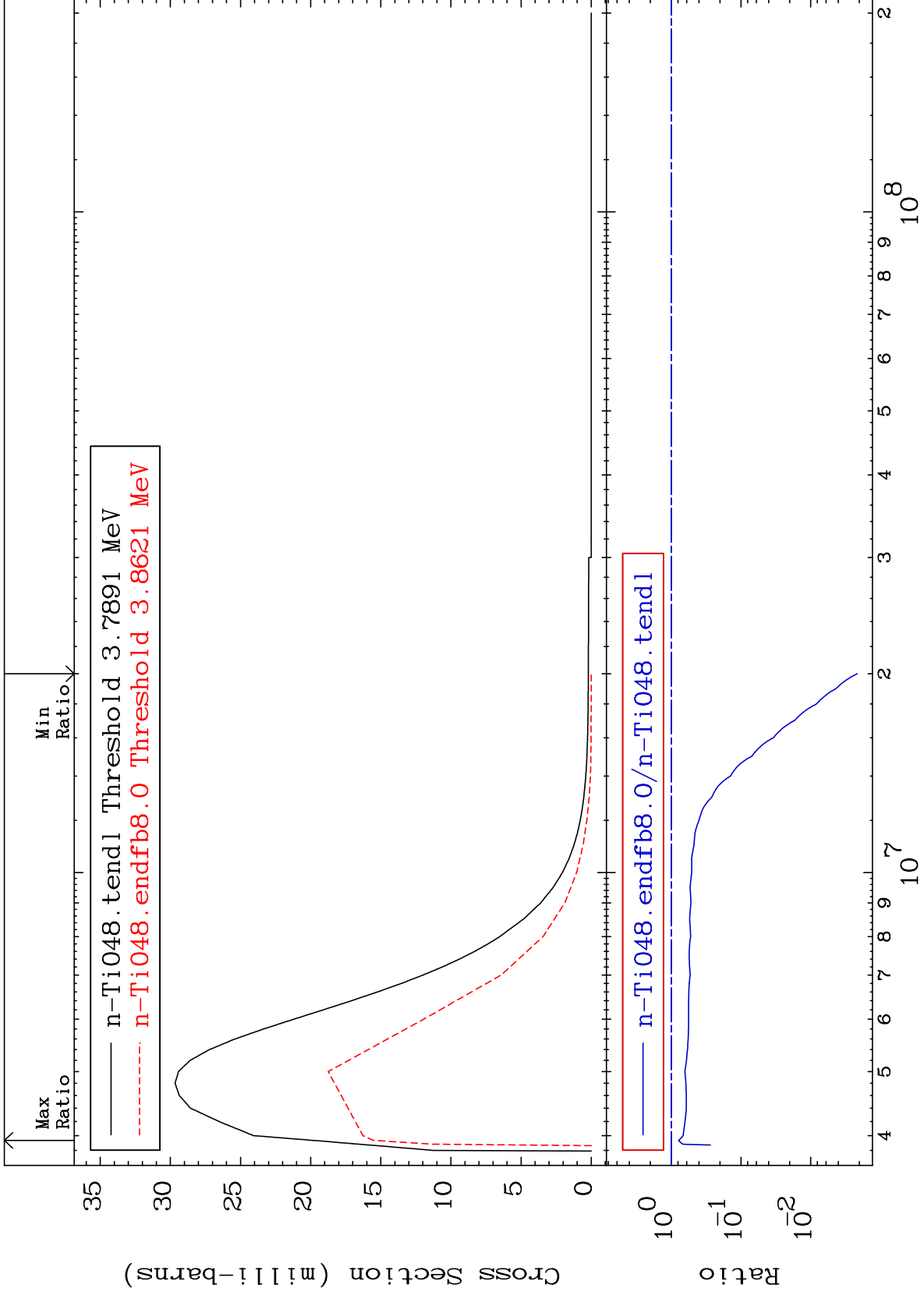
Incident Energy (eV)

22-Ti-48

MAT 2231

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

22-Ti-48
-99.79 To -21.69%



22

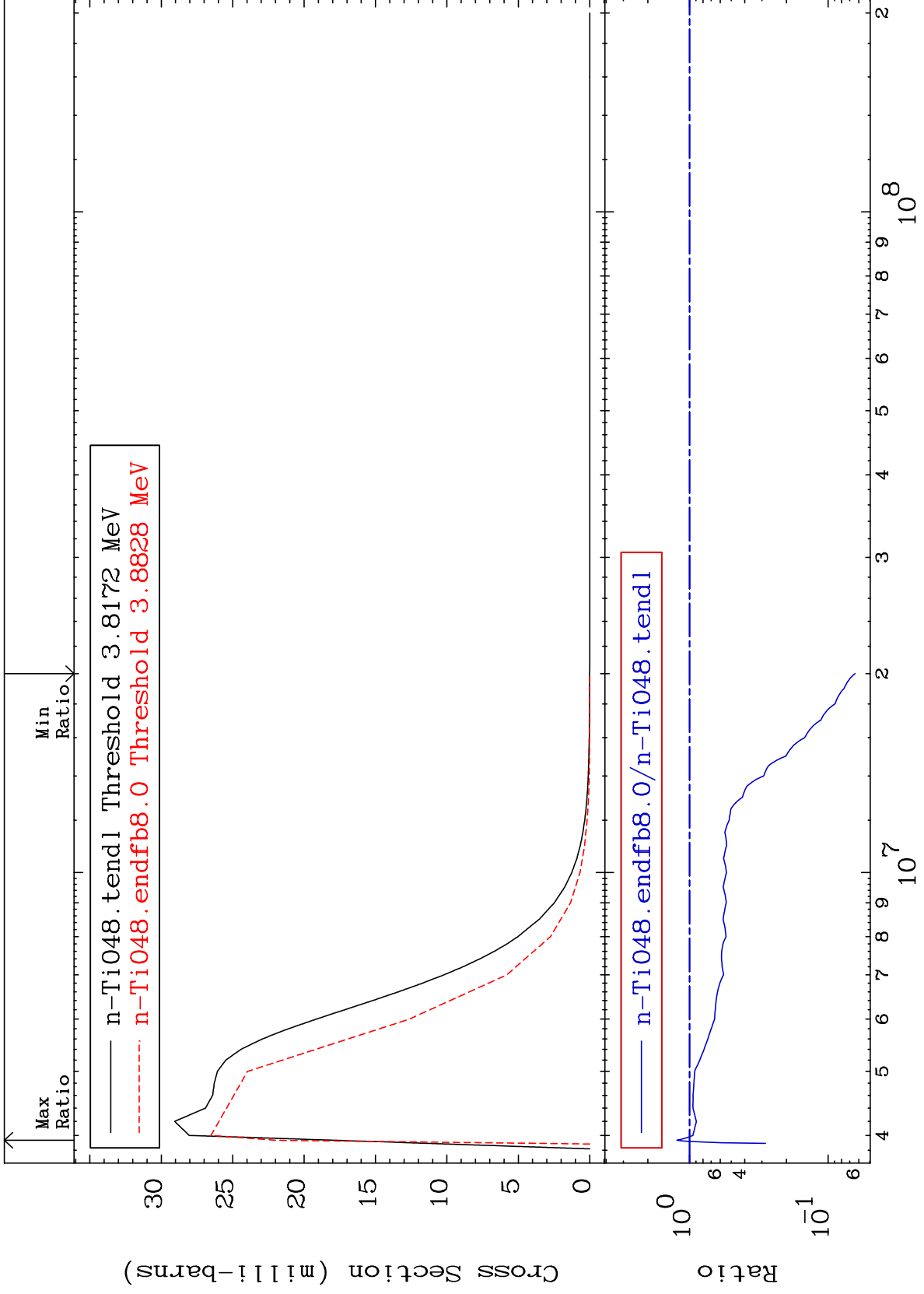
Incident Energy (eV)

22-Ti-48

MAT 2231

MT= 67 (n,n') Level
Cross Section

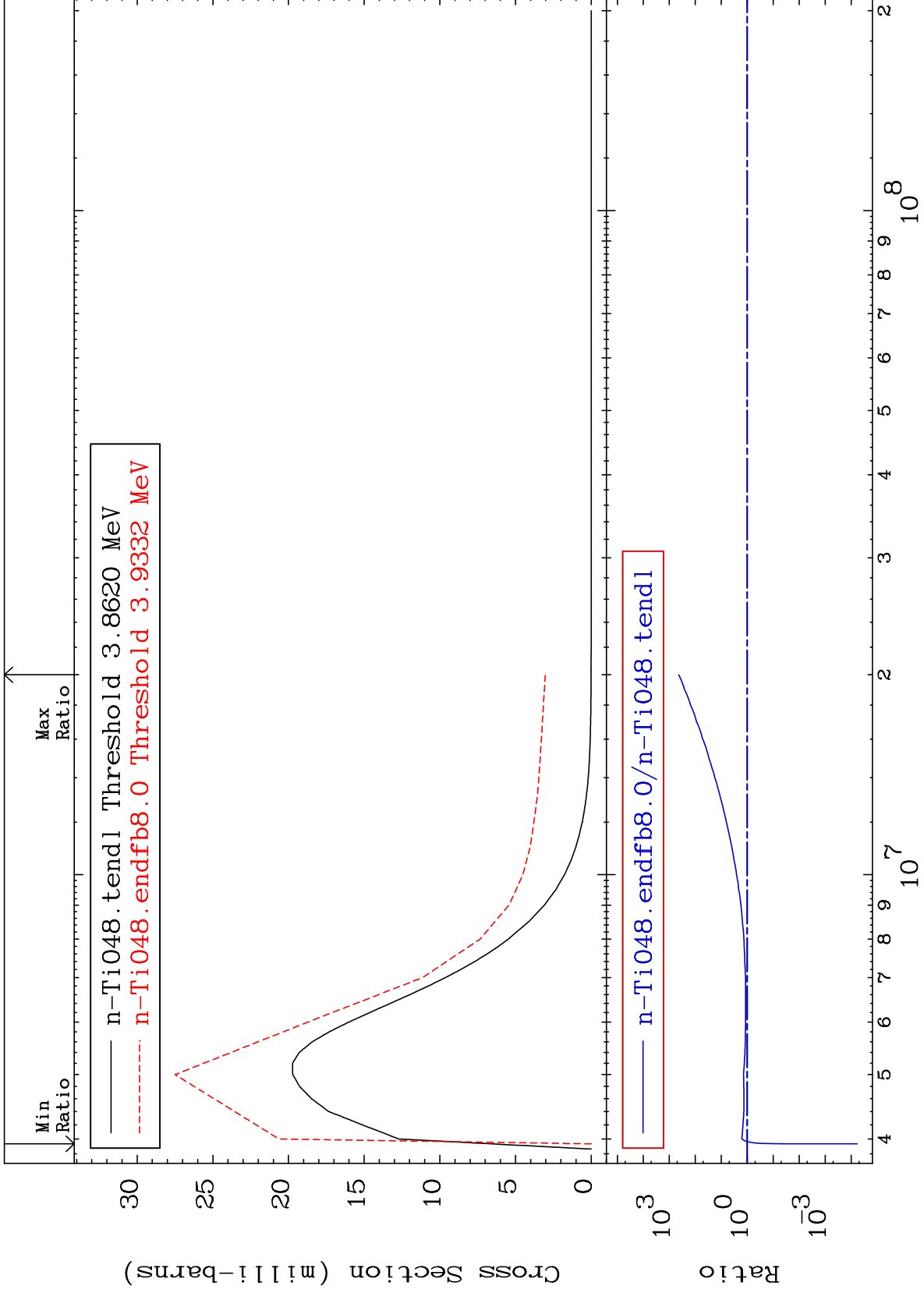
22-Ti-48
-93.61 To 23.35 %



MAT 2231

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

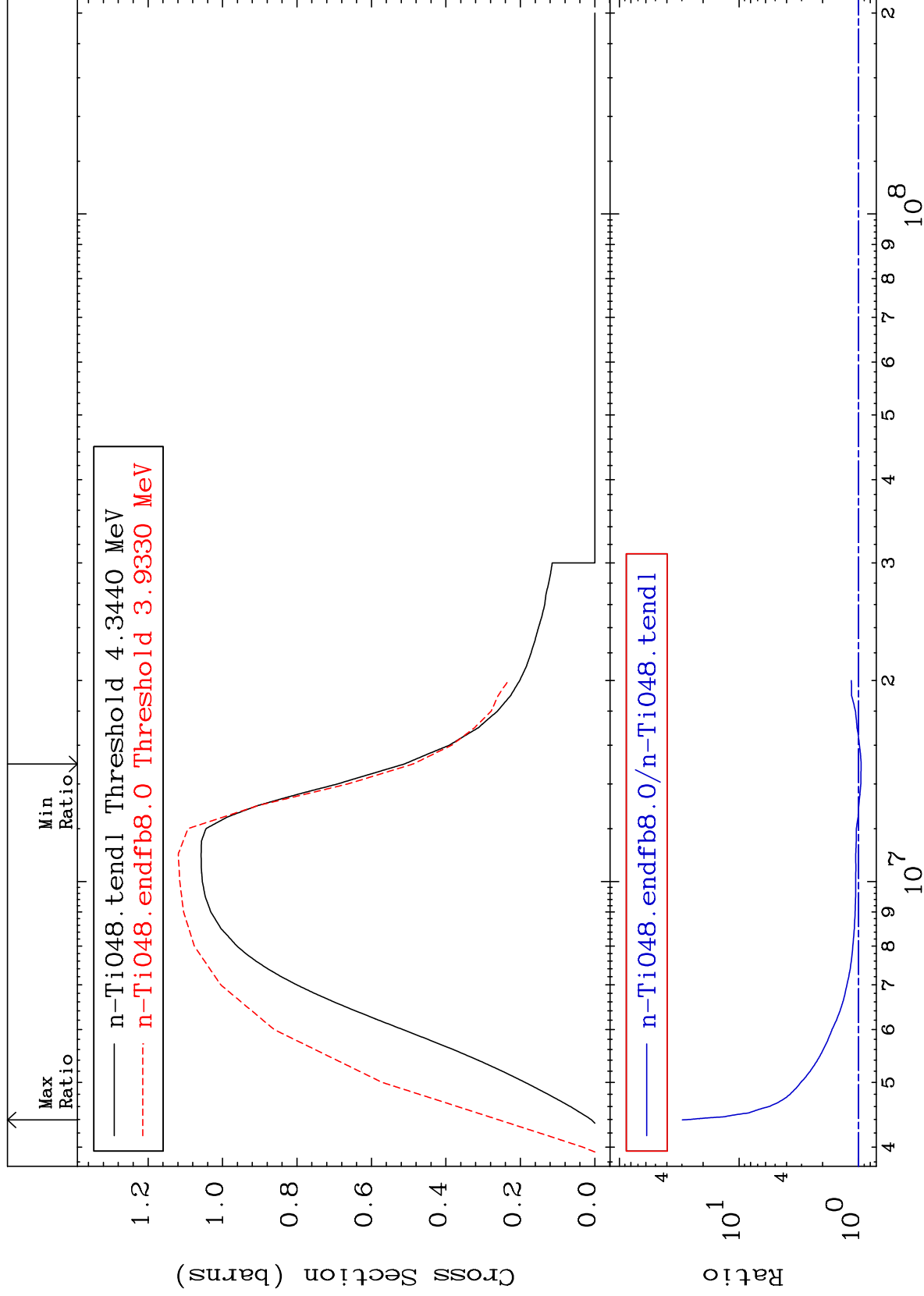
22-Ti-48
-99.99 To 9999. %



MAT 2231

(n,n') Continuum
Cross Section

²²Ti-48
-4.569 To 2877. %



25

Incident Energy (eV)

²²Ti-48

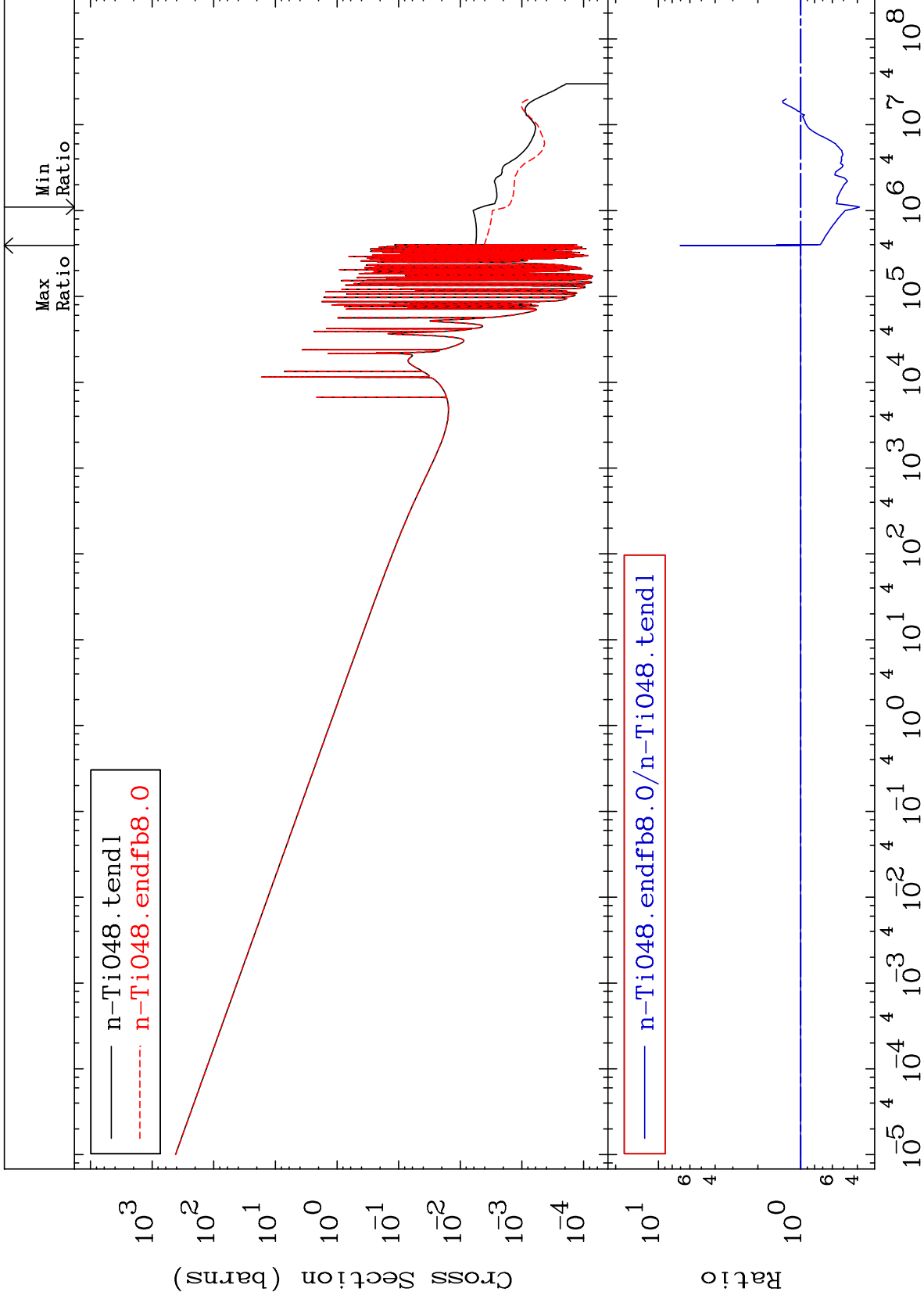
MAT 2231

(n, γ)

Cross Section

22-Ti-48

-61.33 To 601.4 %



26

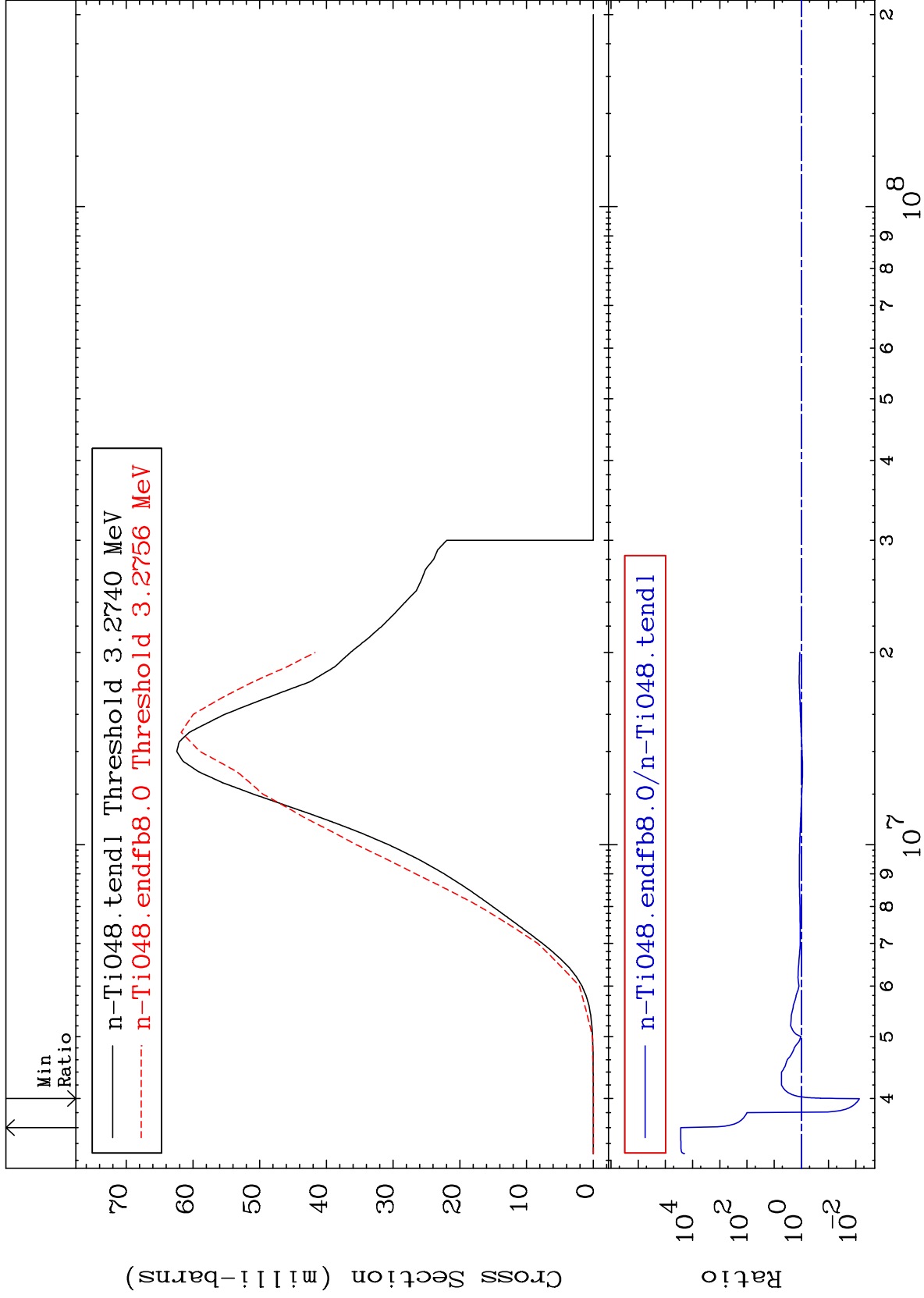
Incident Energy (eV)

22-Ti-48

MAT 2231

(n,p)
Cross Section

22-Ti-48
-99.28 To 9999. %



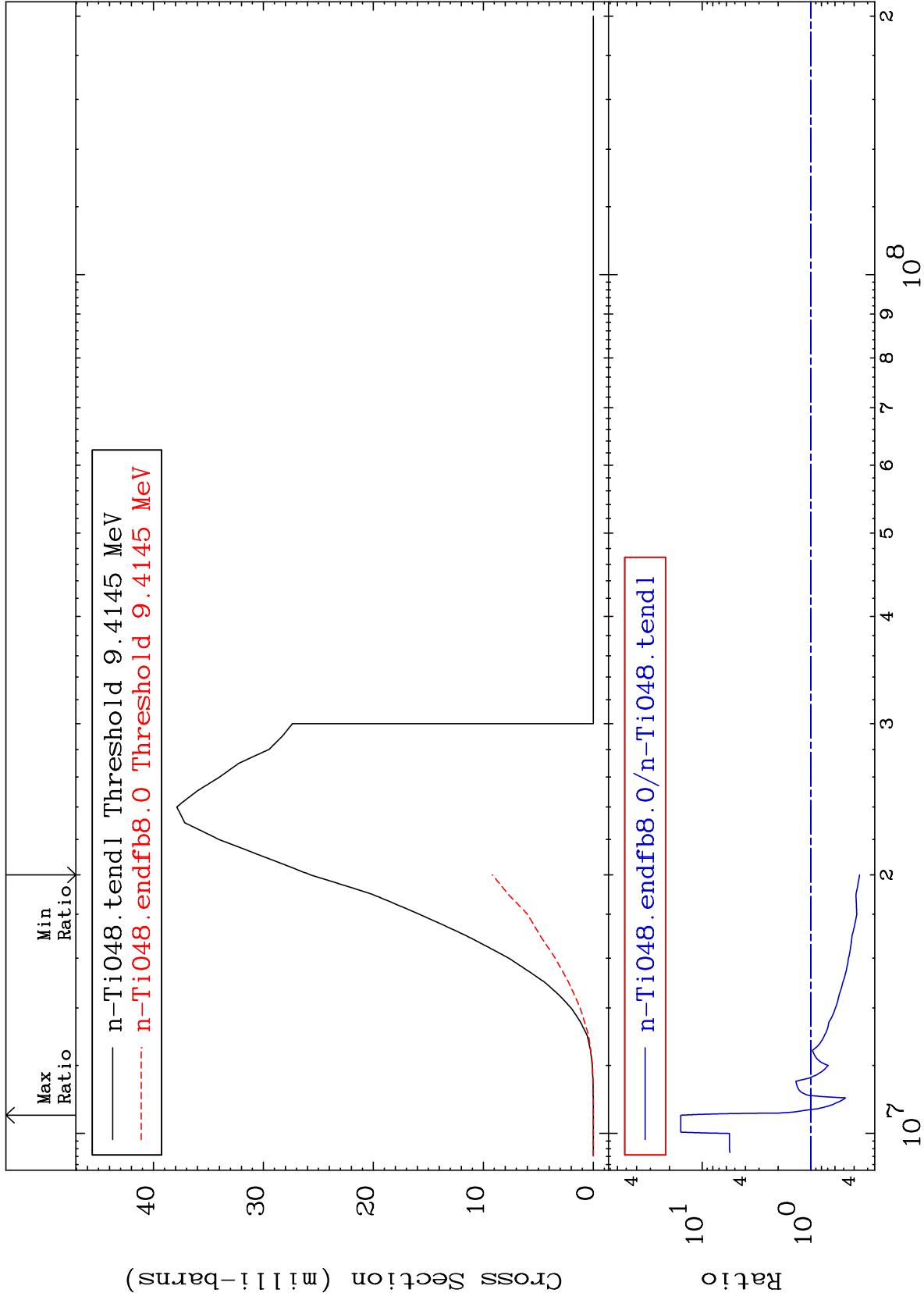
MAT 2231

(n, d)

²²Ti-48

Cross Section

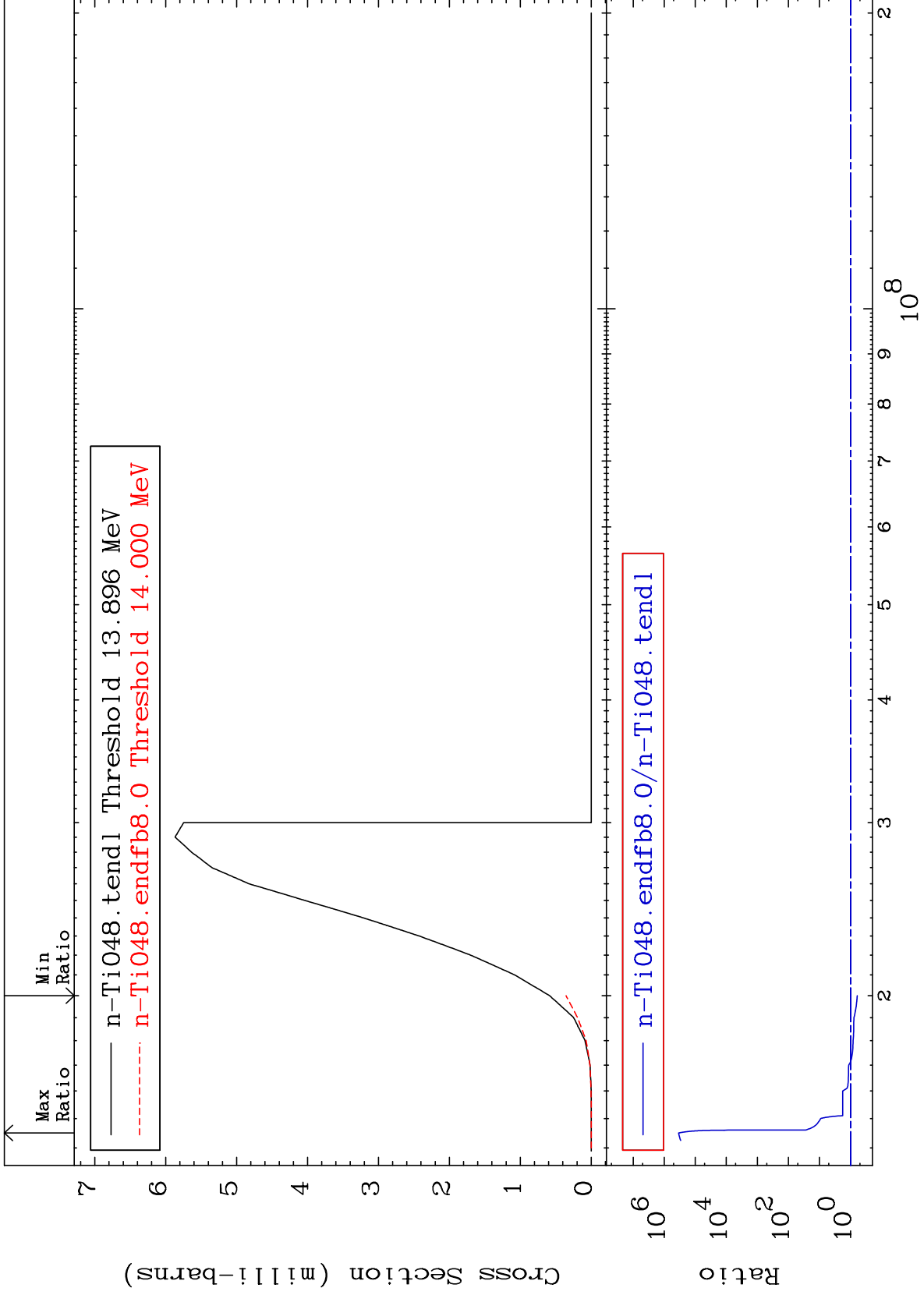
-64.31 To 1472. %



28

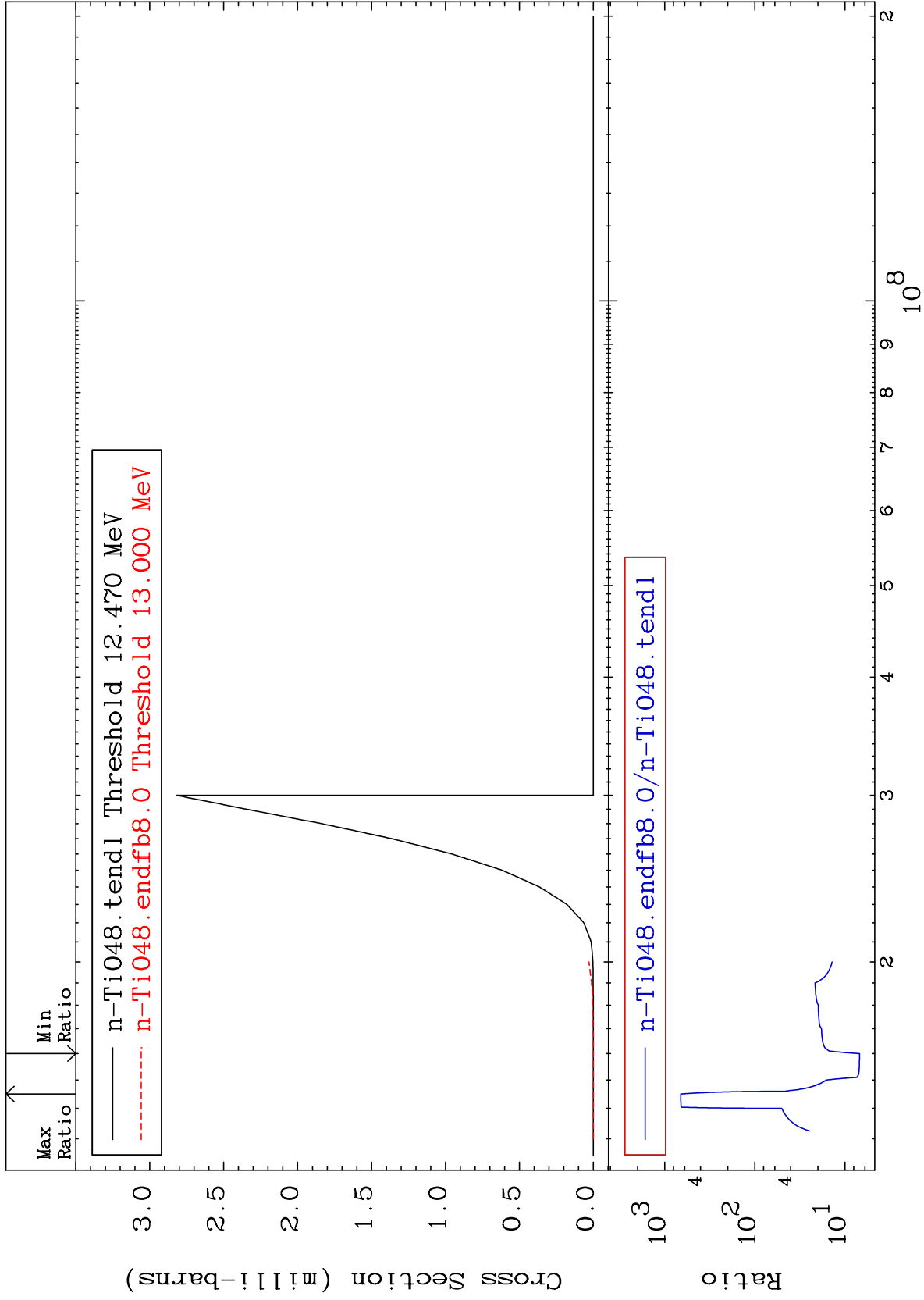
Incident Energy (eV)

²²Ti-48



Cross Section

589.5 To 9999. %



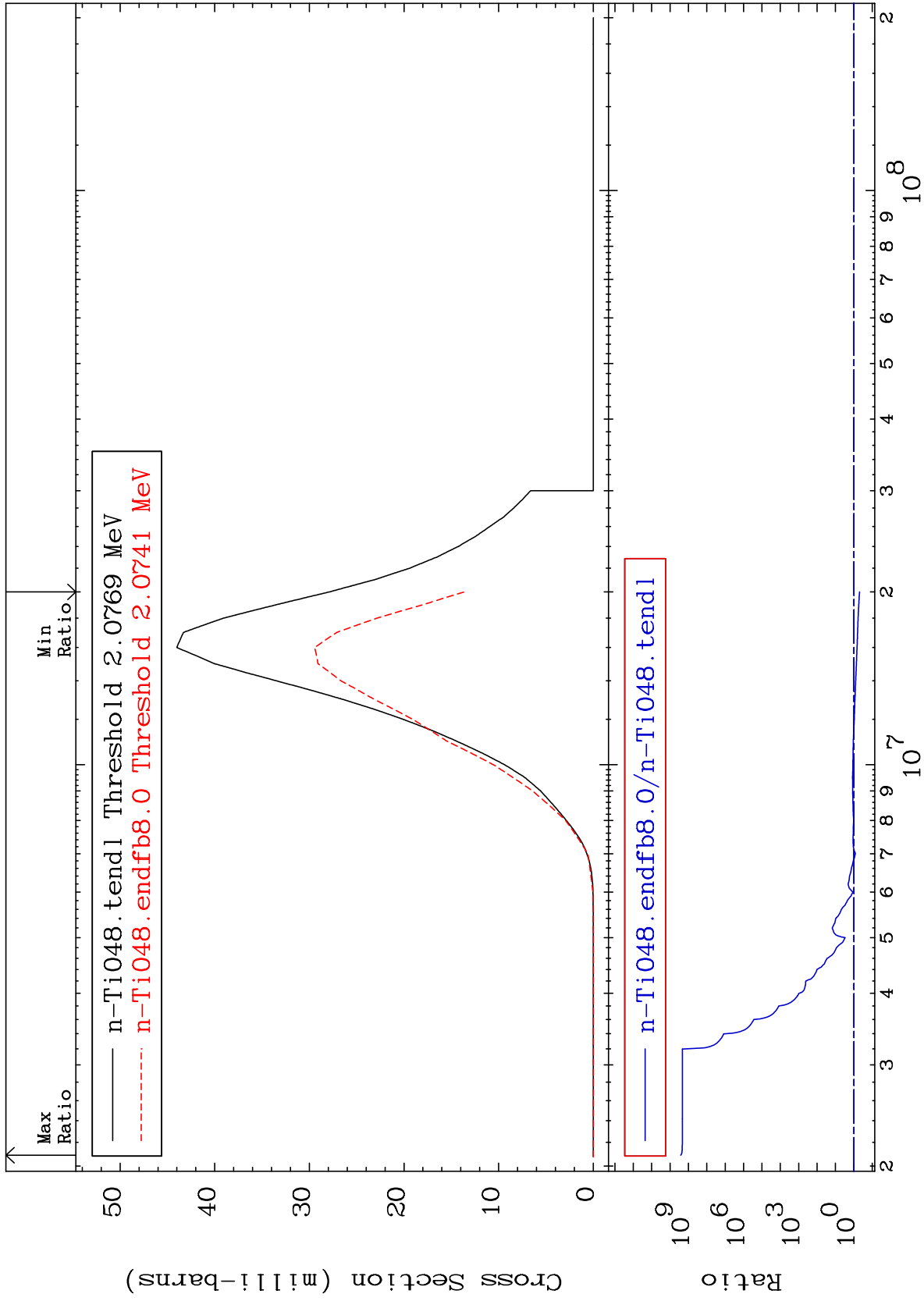
MAT 2231

(n, α)

²²Ti-48

Cross Section

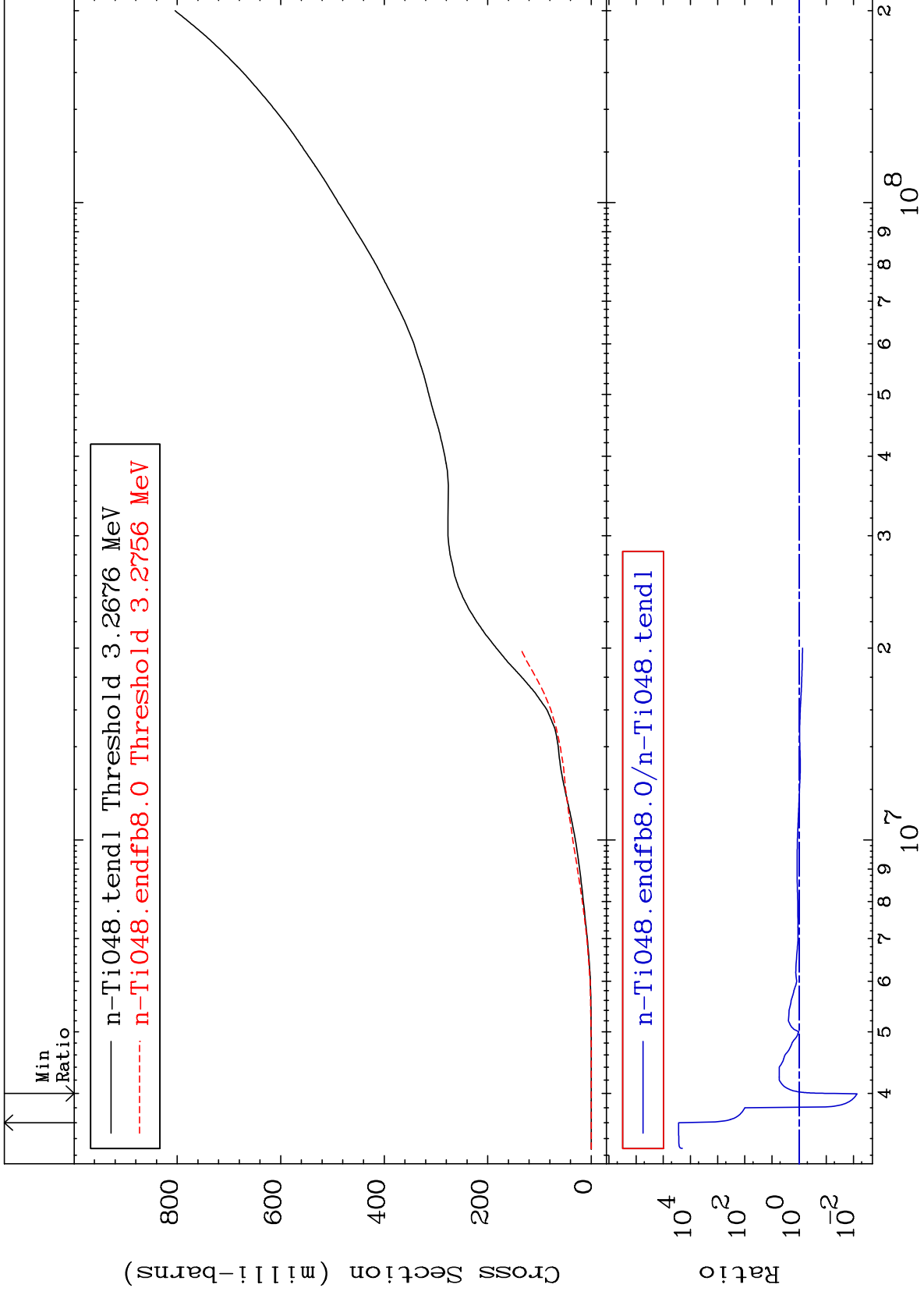
-51.06 To 9999. %



MAT 2231

Hydrogen Production
Cross Section

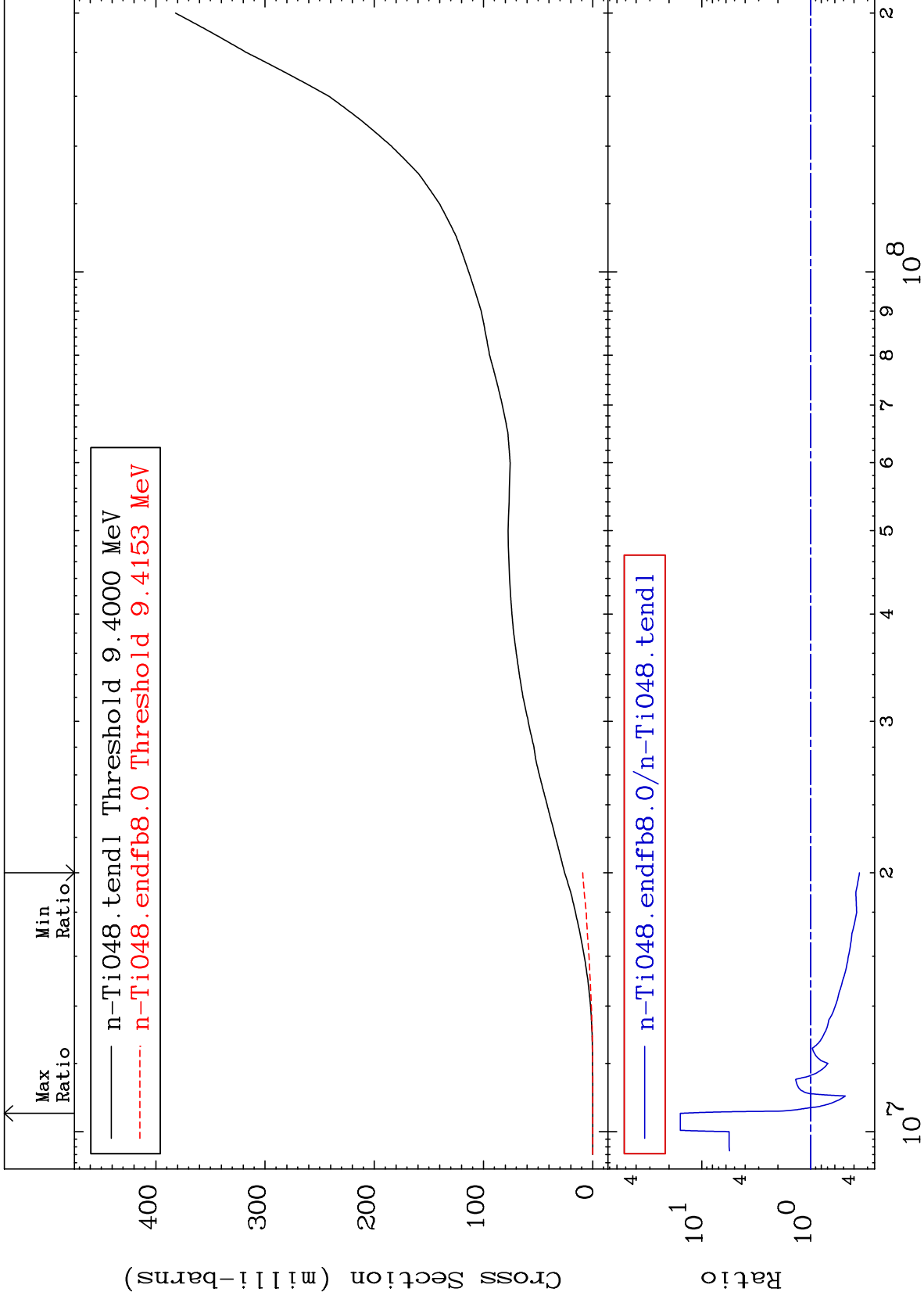
22-Ti-48
-99.28 To 9999. %



MAT 2231

Deuterium Production
Cross Section

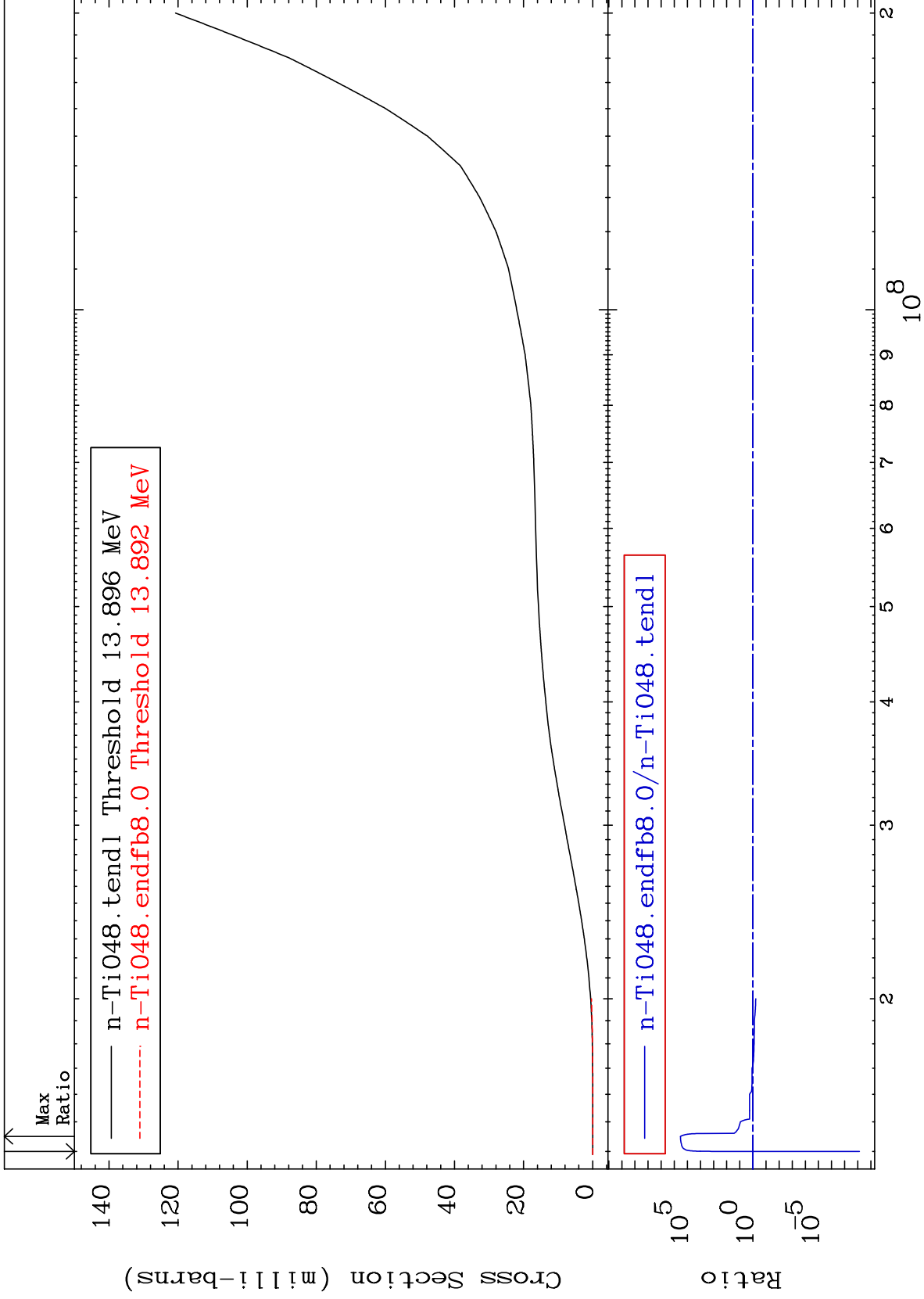
²²Ti-48
-64.31 To 1472. %

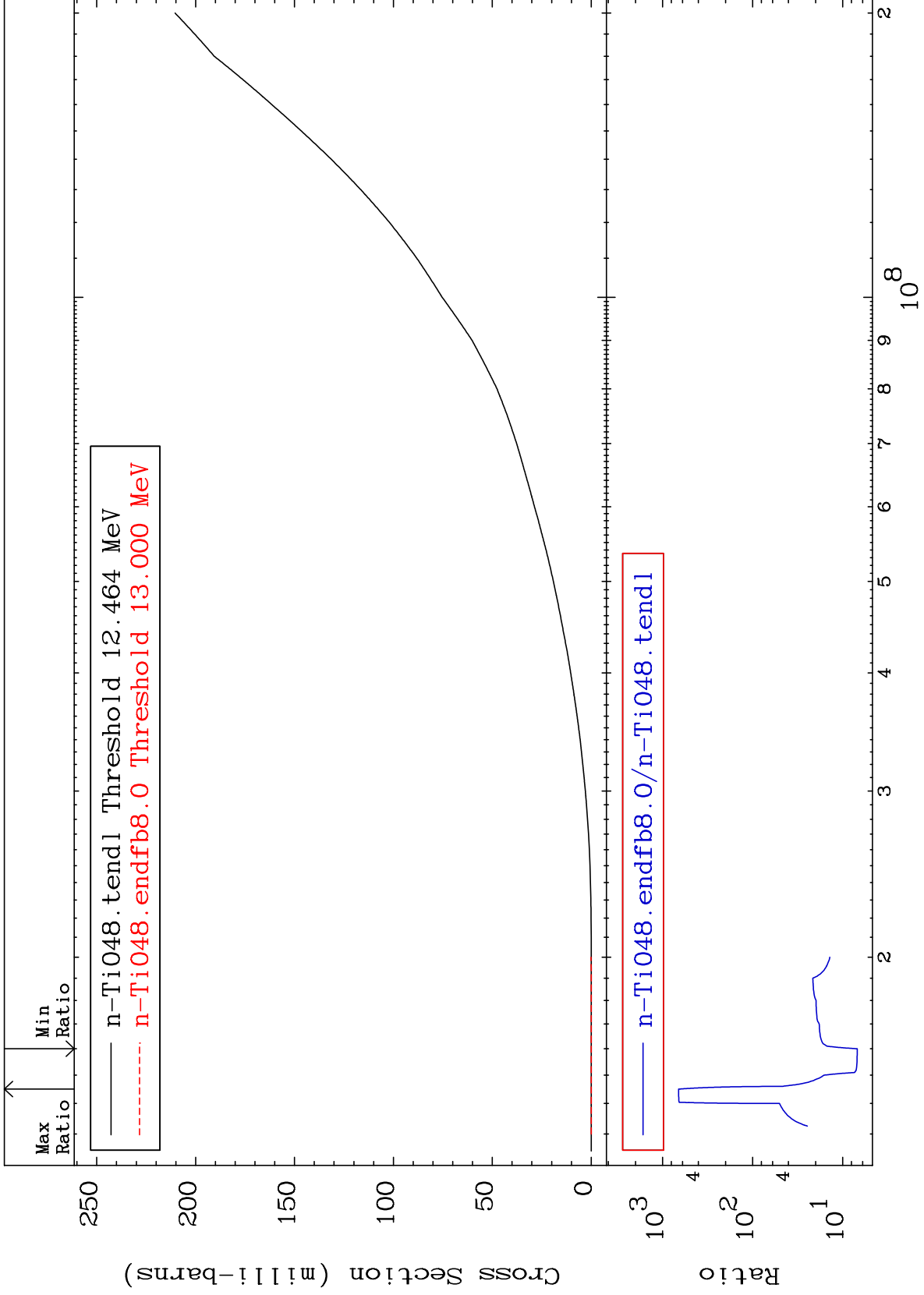


33

Incident Energy (eV)

²²Ti-48

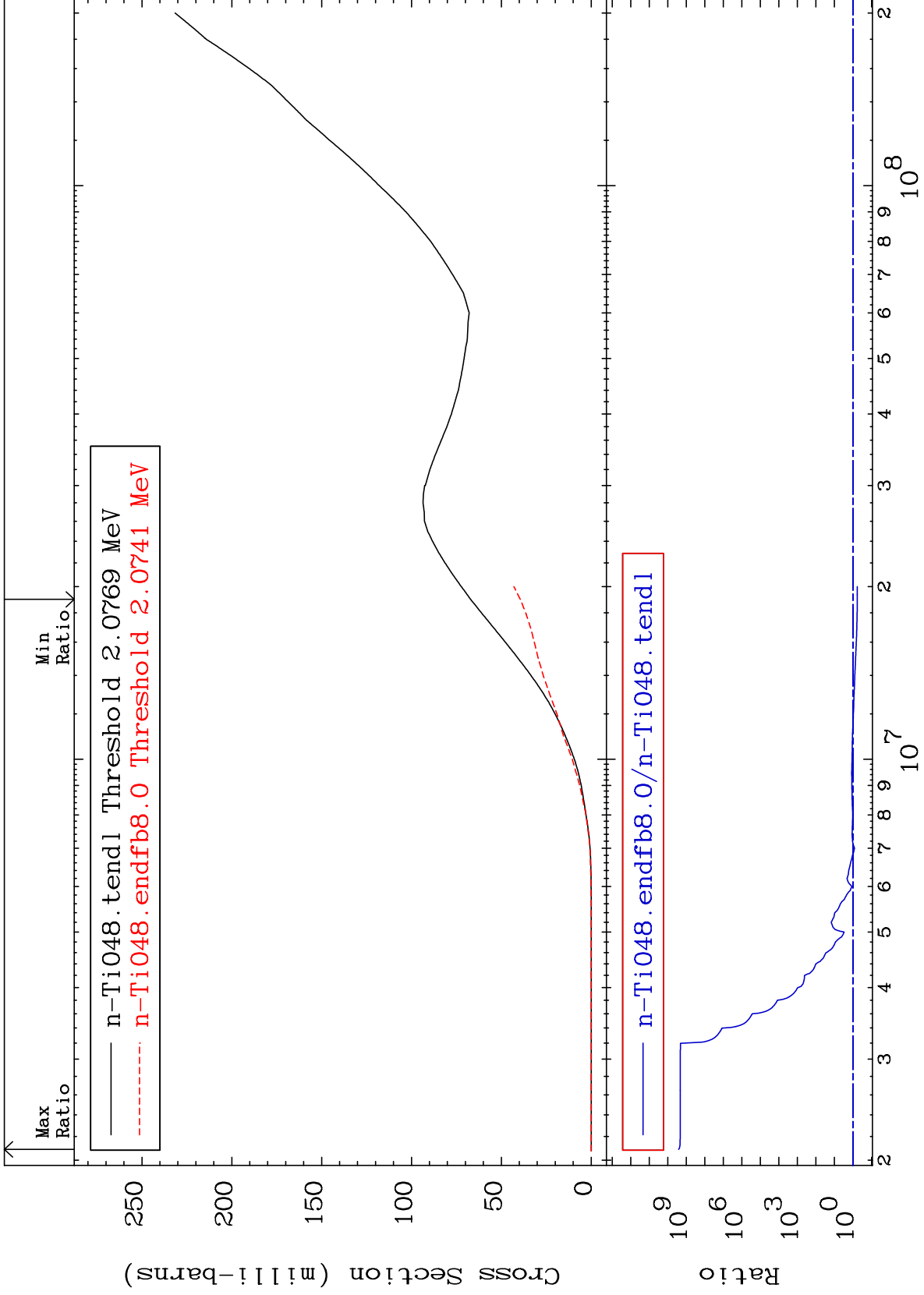




MAT 2231

He-4 Production
Cross Section

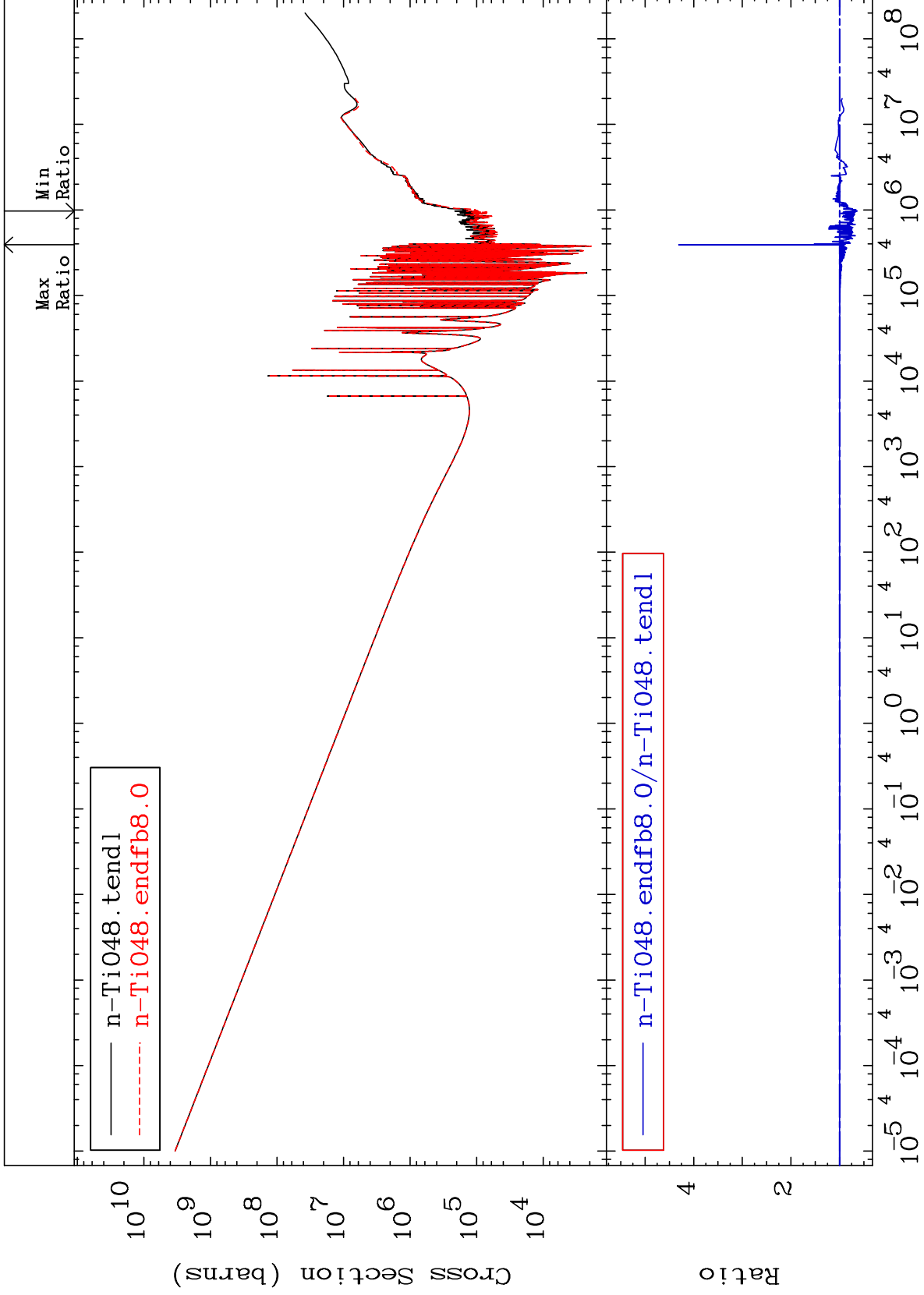
²²Ti-48
-41.18 To 9999. %



MAT 2231

Kerma total (eV-barns)
Cross Section

22-Ti-48
-36.38 To 330.9 %



37

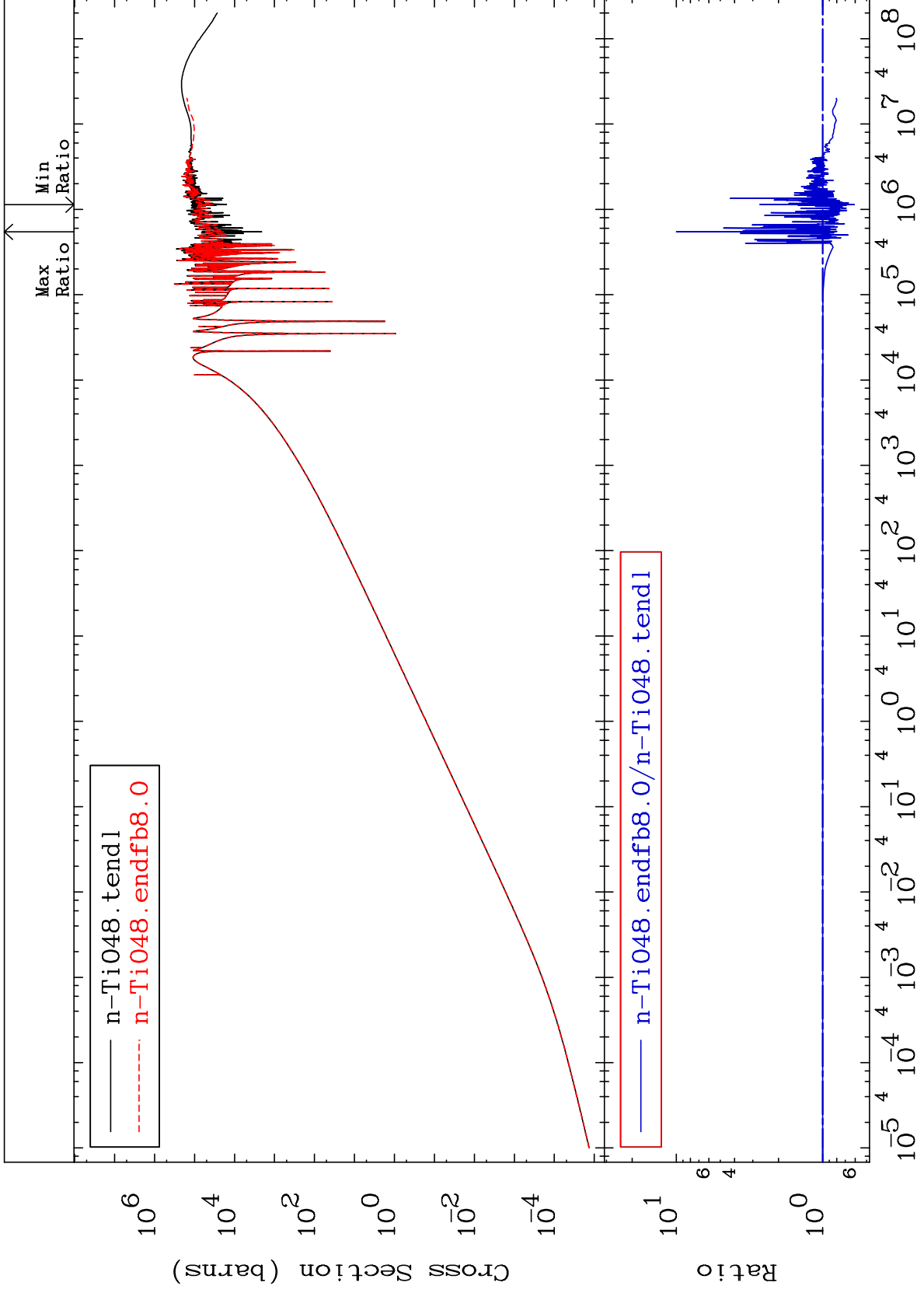
Incident Energy (eV)

22-Ti-48

MAT 2231

Kerma elastic
Cross Section

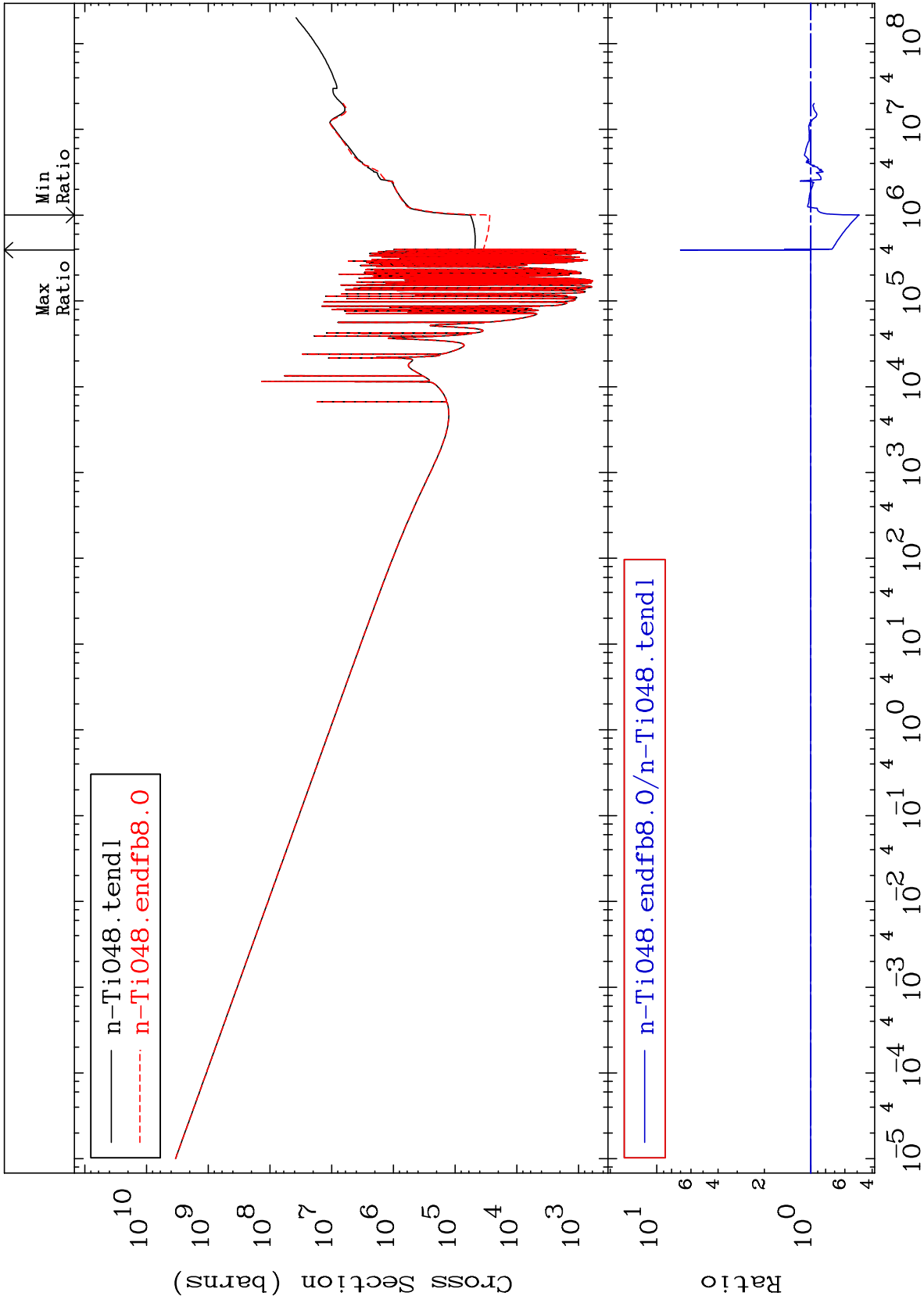
22-Ti-48
-39.31 To 899.2 %



38

Incident Energy (eV)

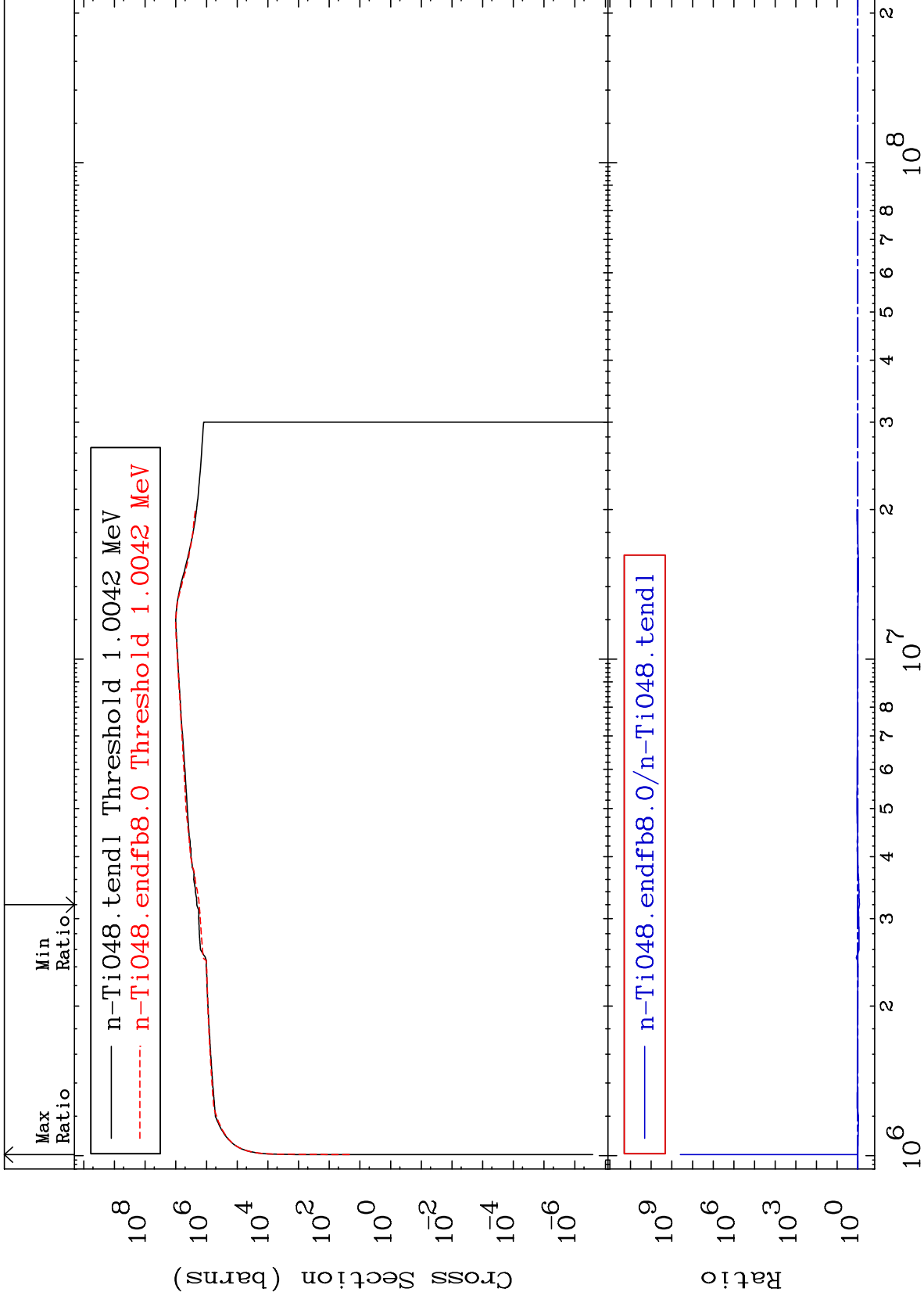
22-Ti-48



MAT 2231

Kerma inelastic (mt51-91)
Cross Section

22-Ti-48
-16.97 To 9999. %

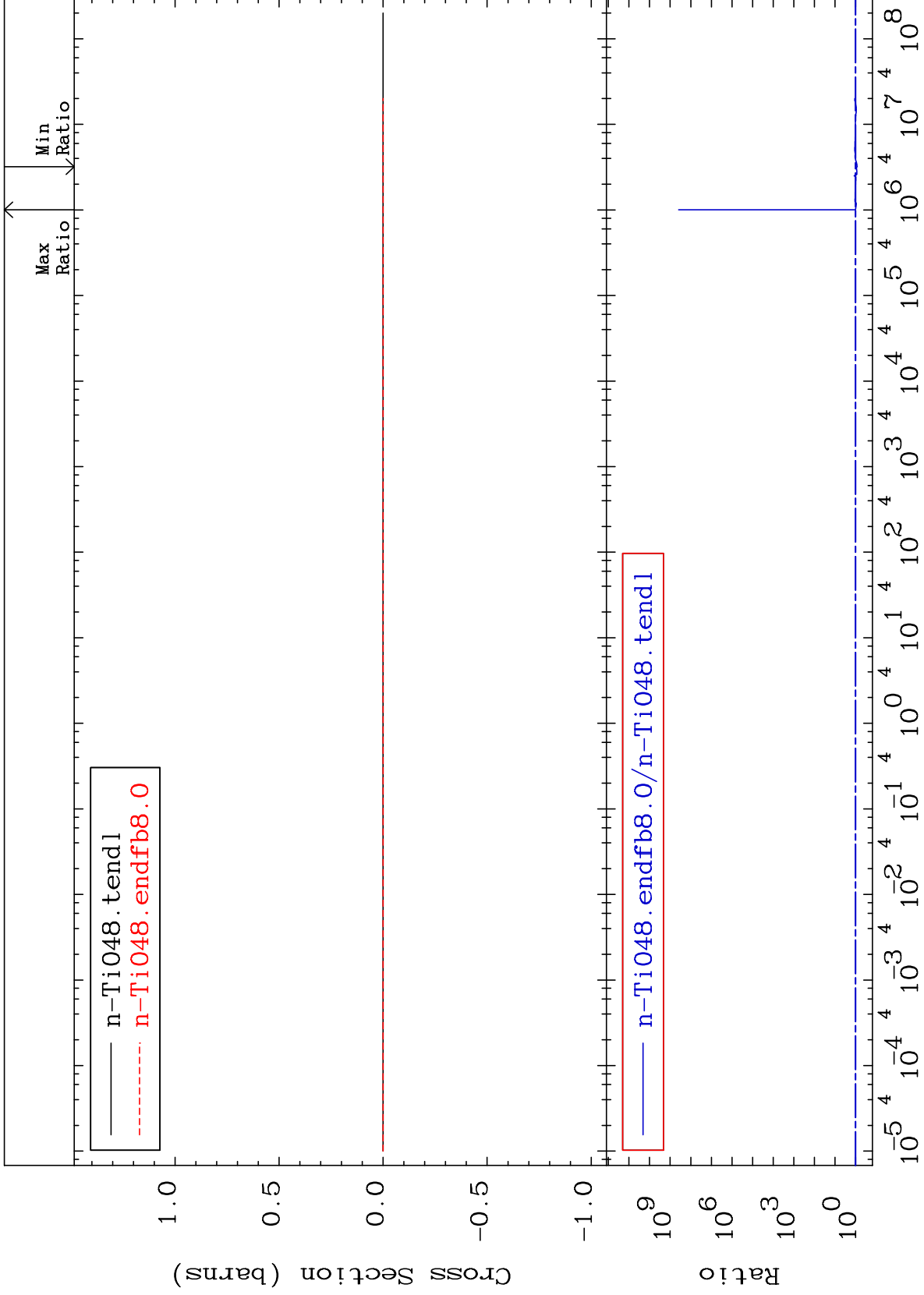


40

MAT 2231

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

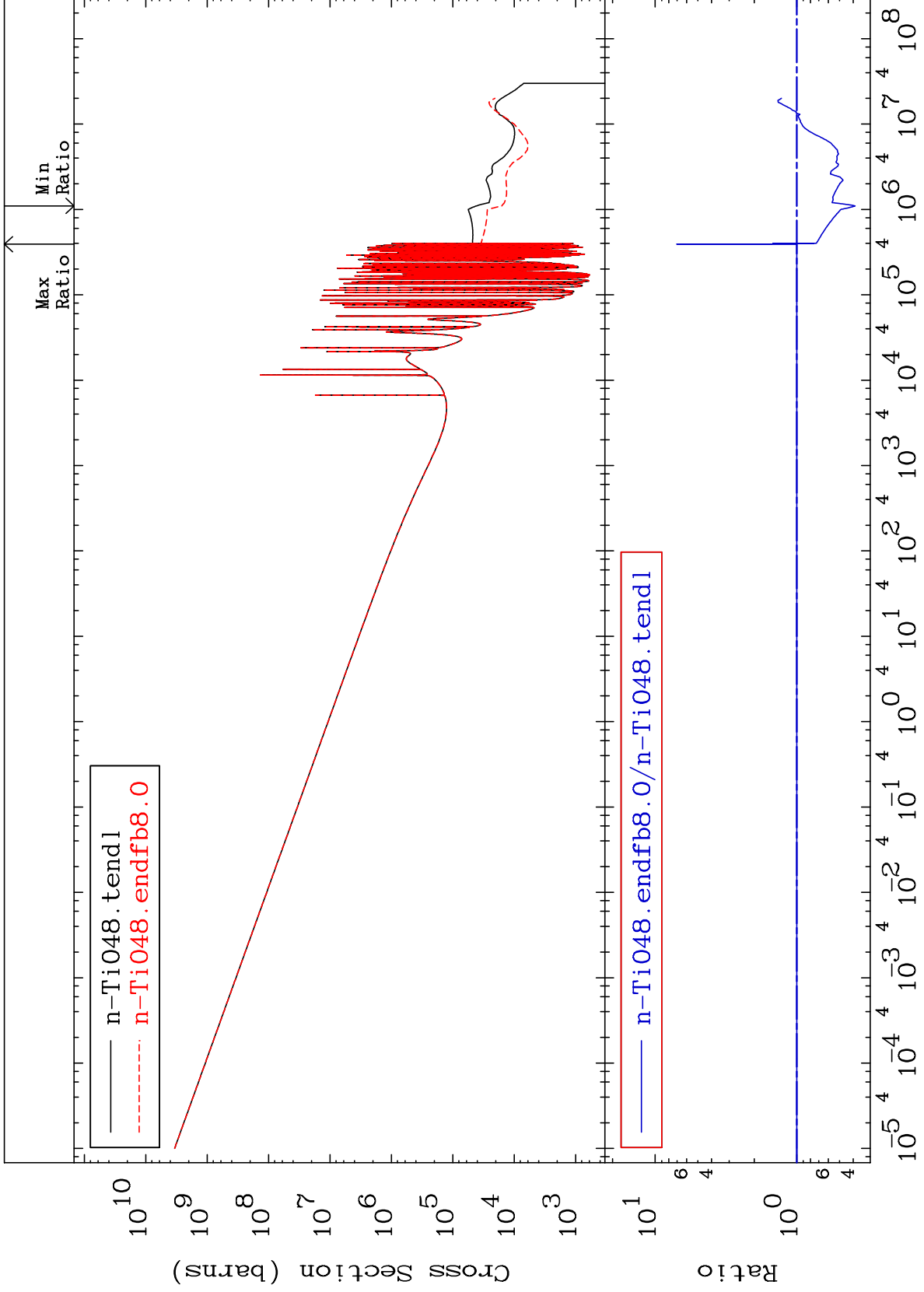
22-Ti-48
-16.97 To 9999. %

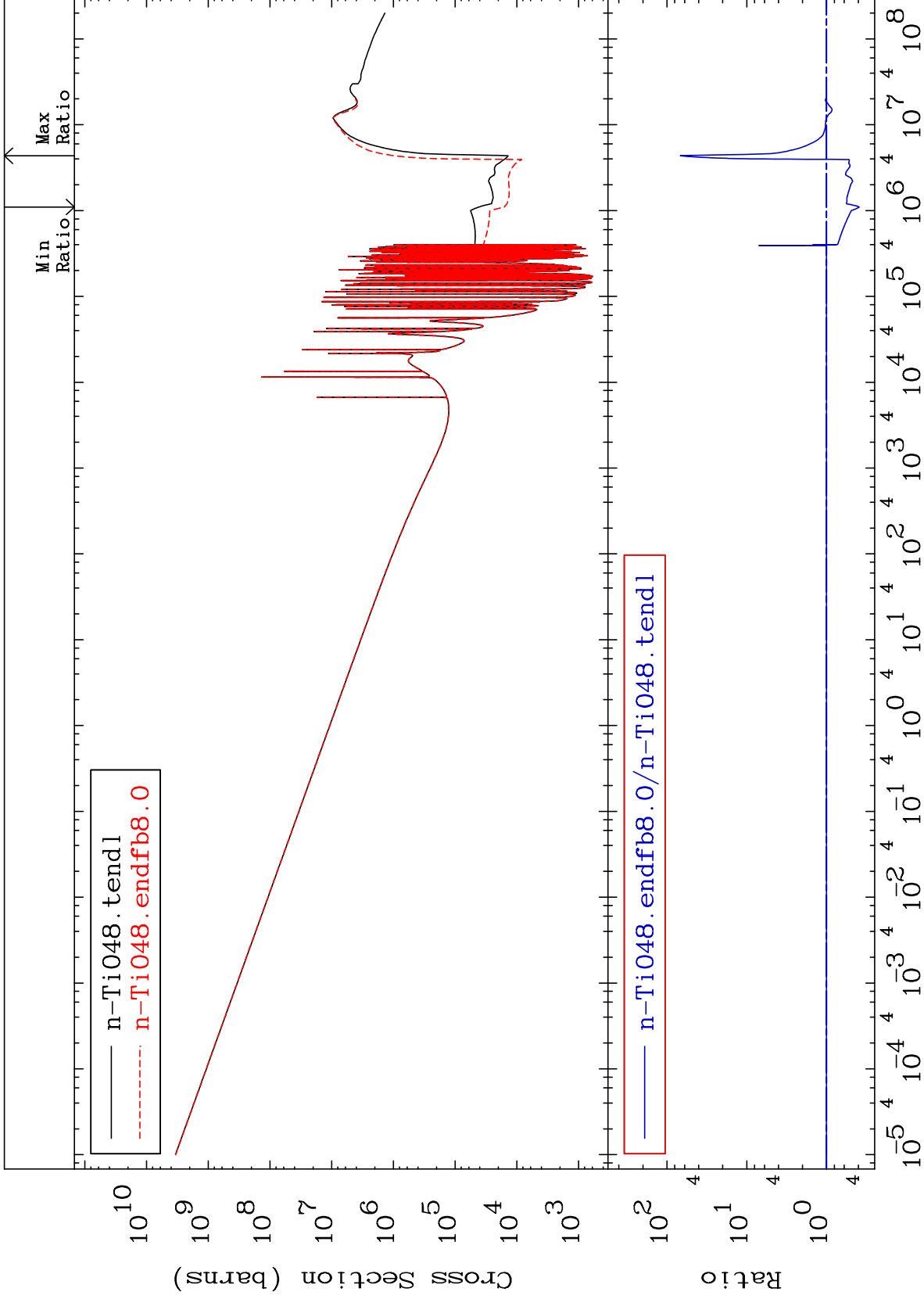


MAT 2231

Kerma capture (mt102)
Cross Section

22-Ti-48
-61.23 To 602.0 %

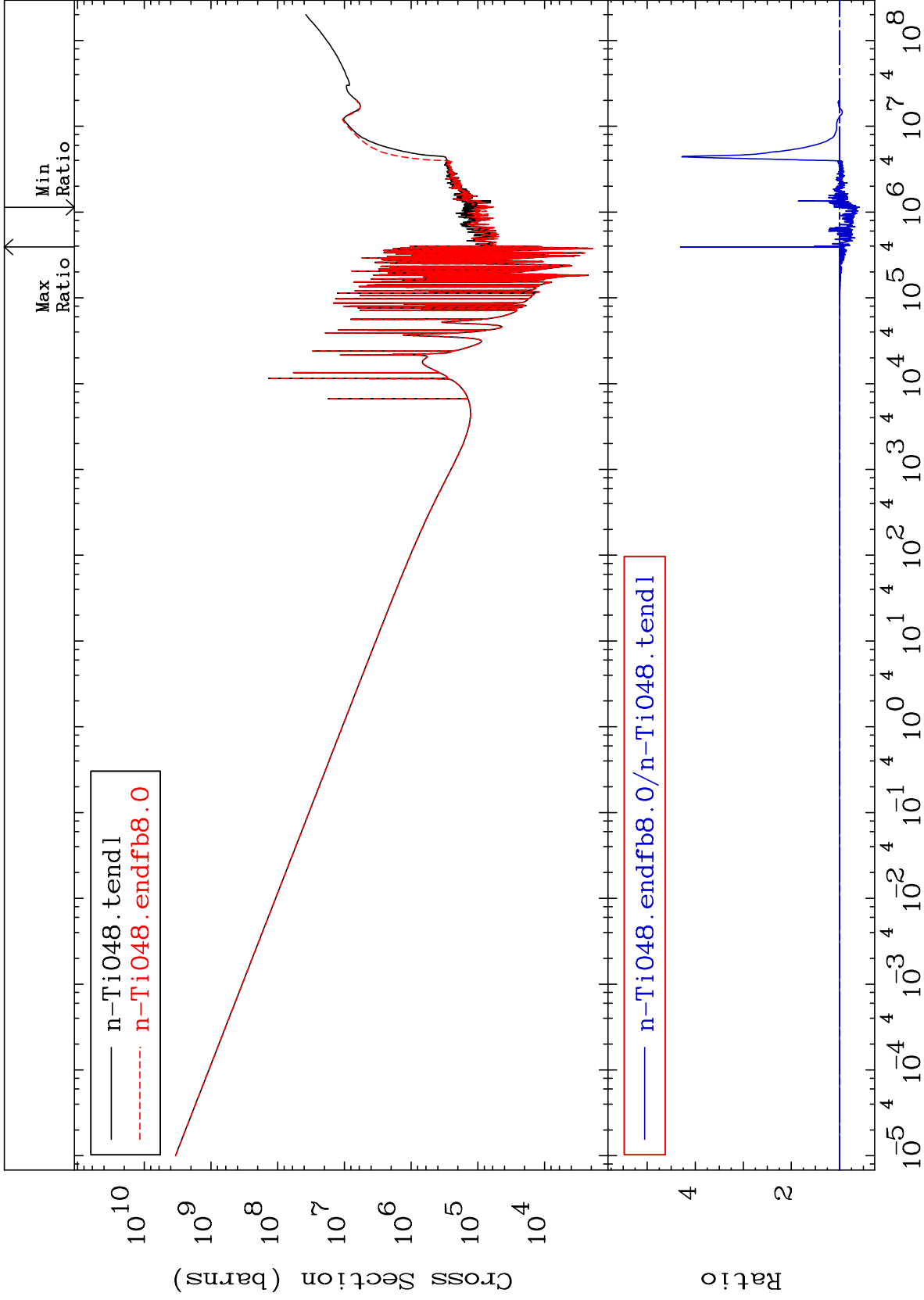




MAT 2231

Total kinematic kerma (high limit)
Cross Section

22-Ti-48
-41.68 To 330.9 %



Incident Energy (eV)

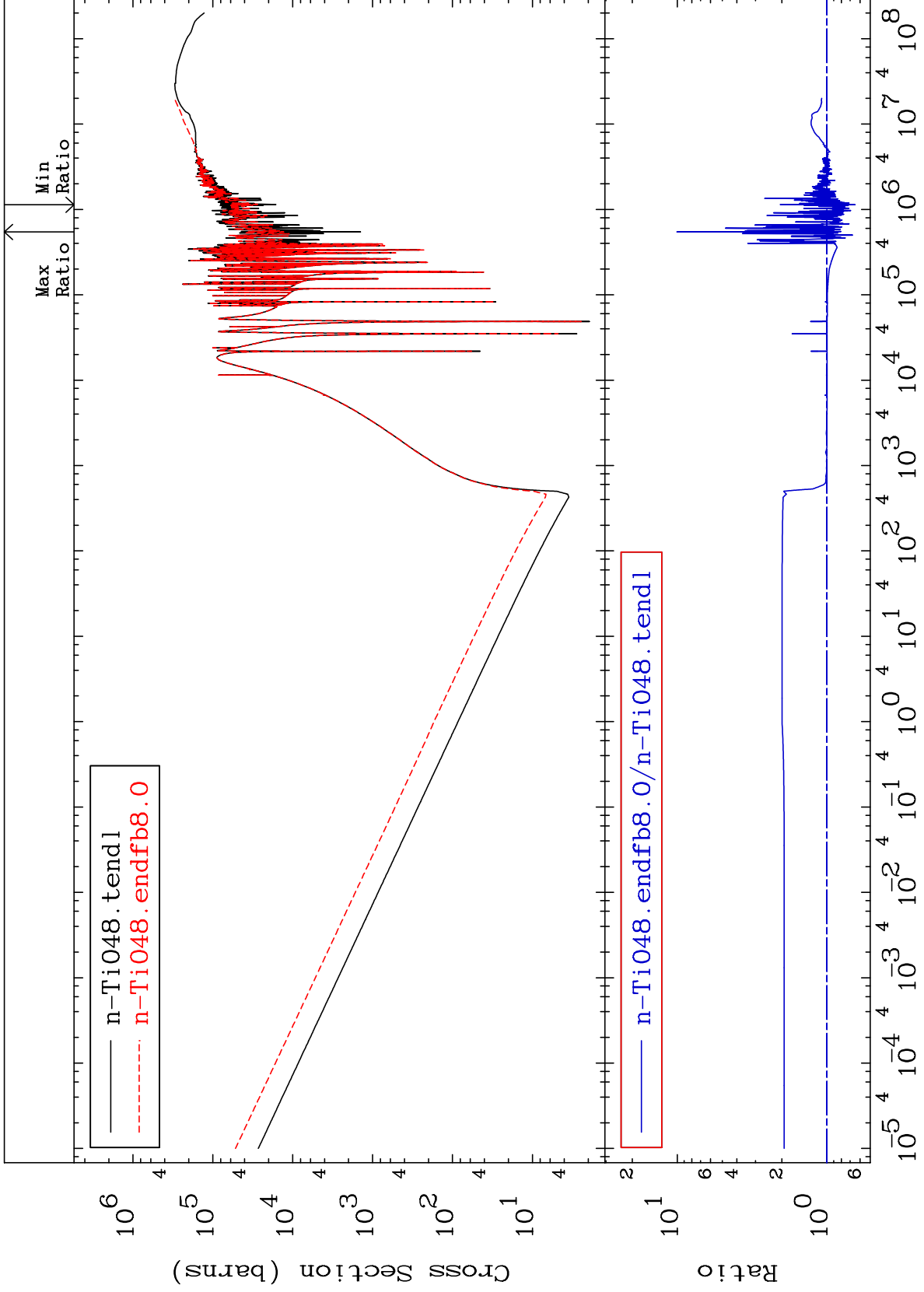
22-Ti-48

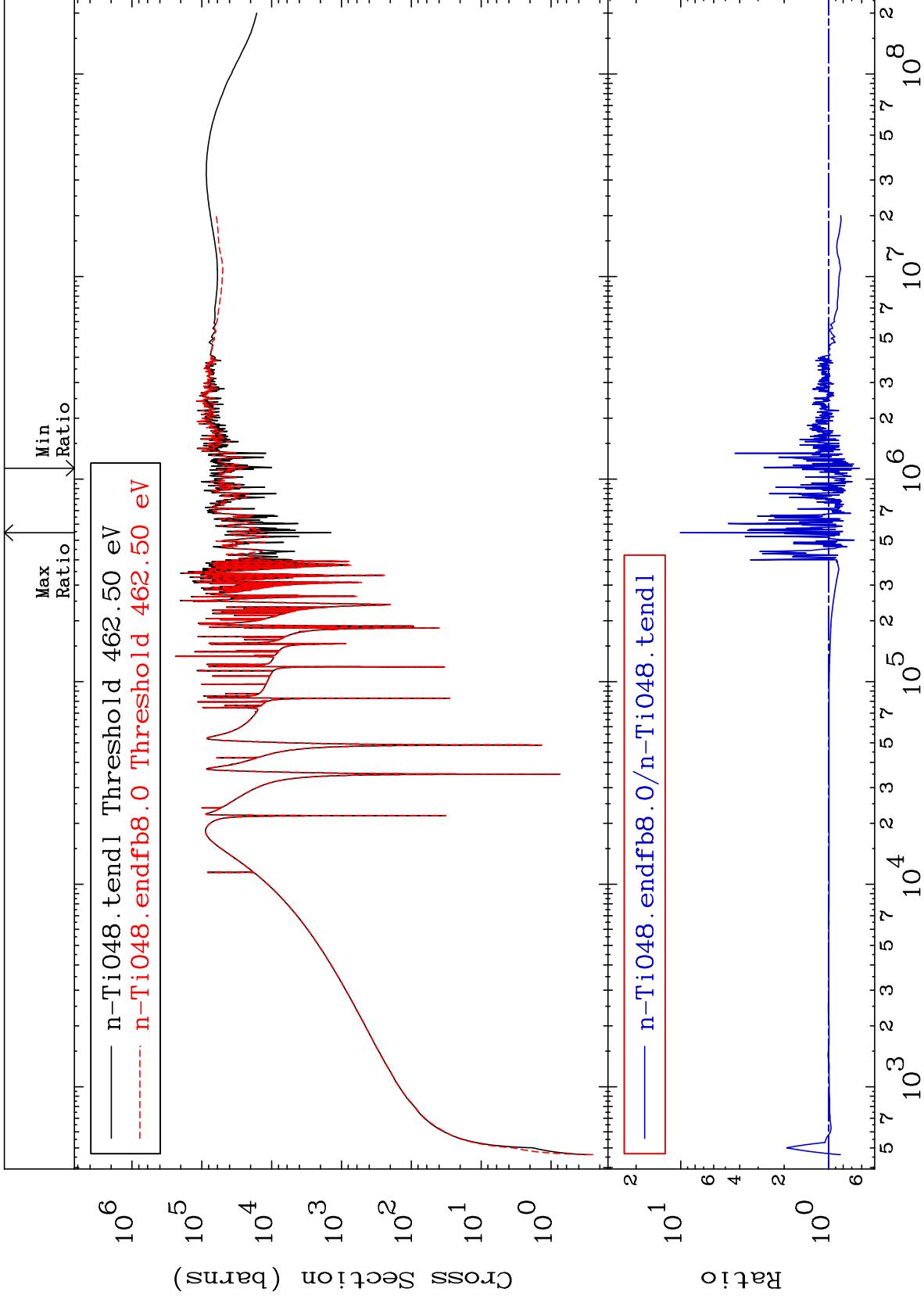
44

MAT 2231

Dpa total (eV-barns)
Cross Section

22-Ti-48
-35.15 To 906.0 %

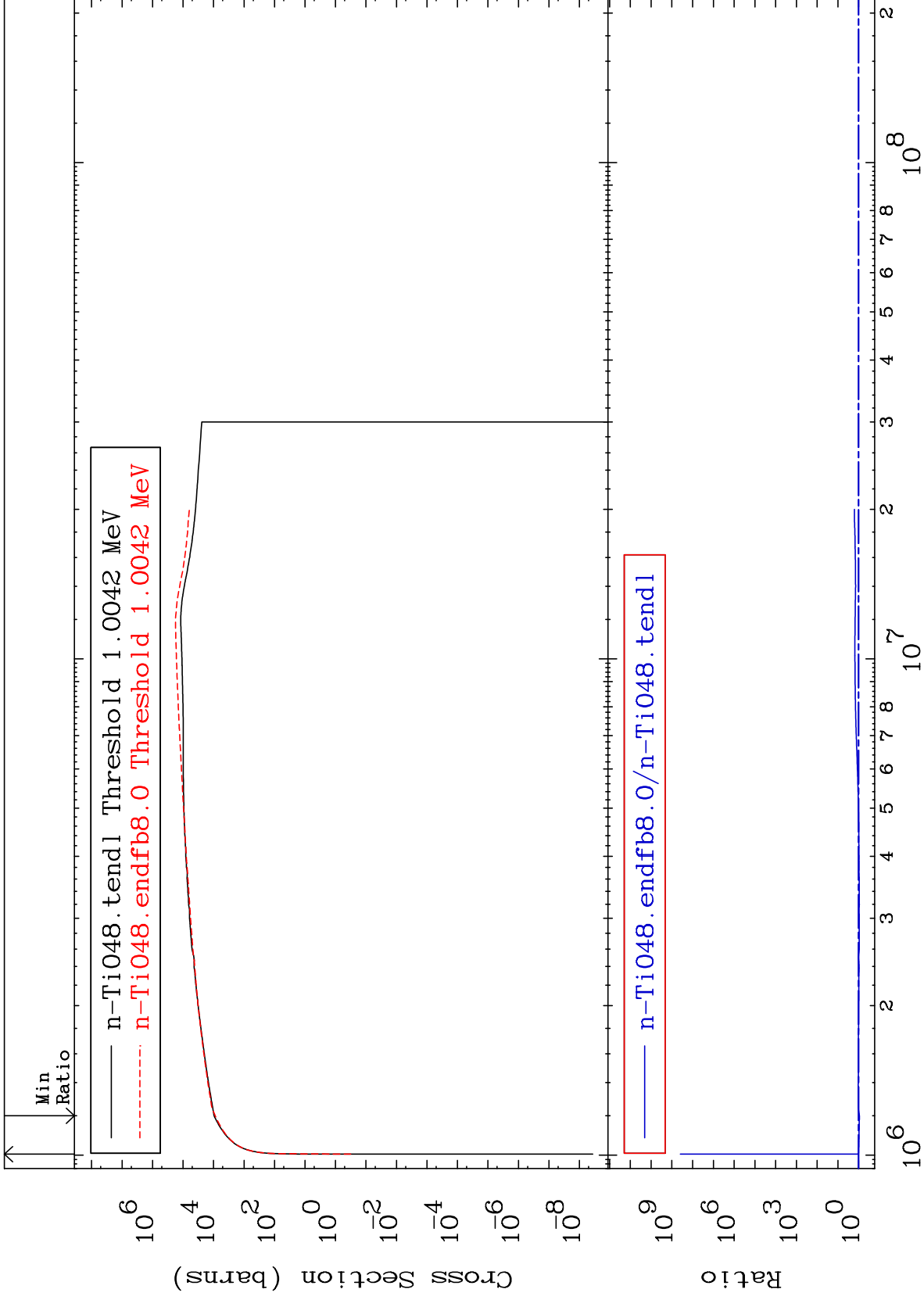




MAT 2231

Dpa inelastic (mt51-91)
Cross Section

22-Ti-48
-8.281 To 9999. %



47

Incident Energy (eV)

22-Ti-48

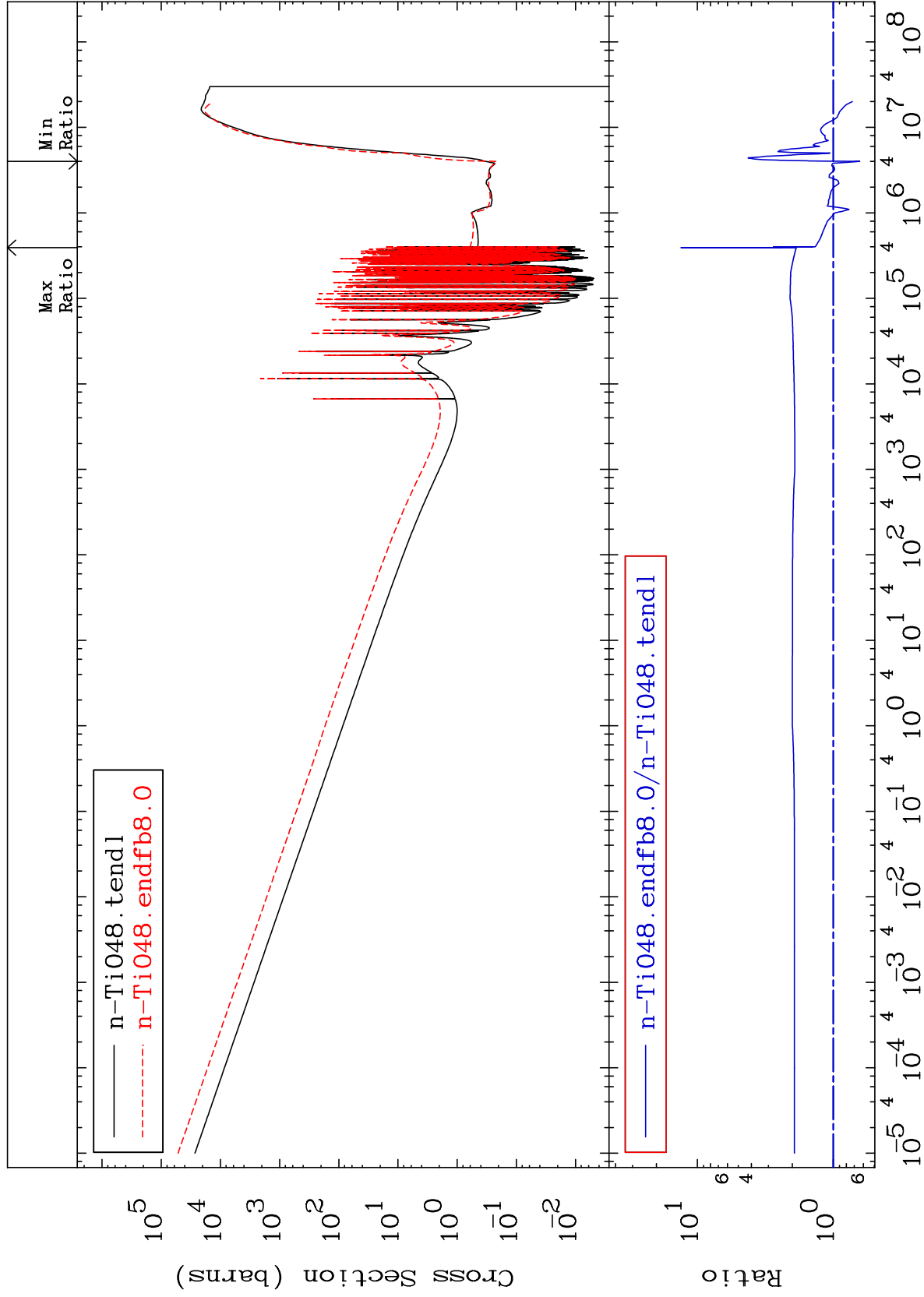
MAT 2231

Dpa disappearance (mt102 -120)

22-Ti-48

Cross Section

-36.03 To 1214. %



48

Incident Energy (eV)

22-Ti-48