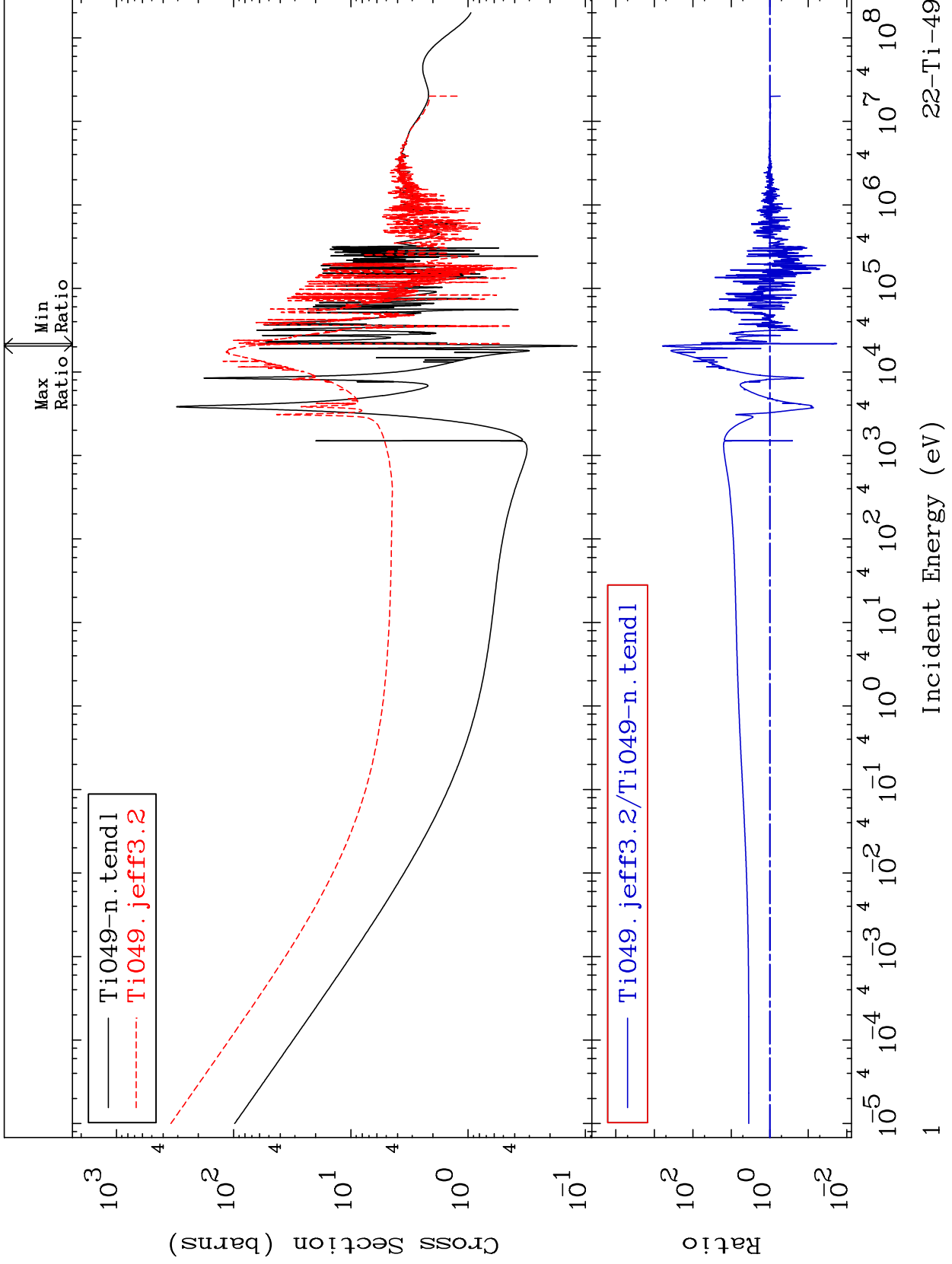


MAT 2234

Total
Cross Section

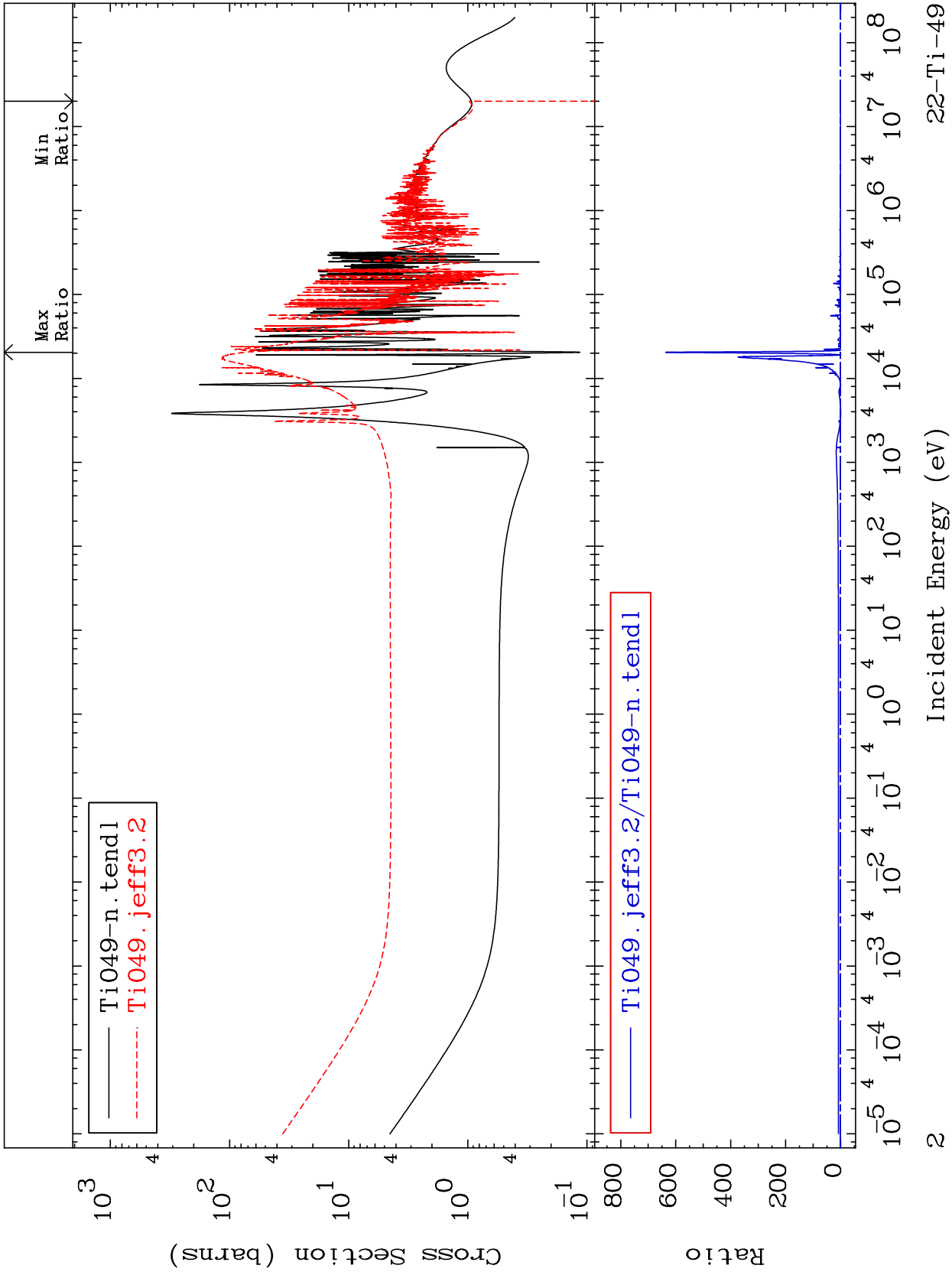
22-Ti-49
-98.17 To 9999. %



MAT 2234

Elastic
Cross Section

22-Ti-49
-101.0 To 9999. %



22-Ti-49

Incident Energy (eV)

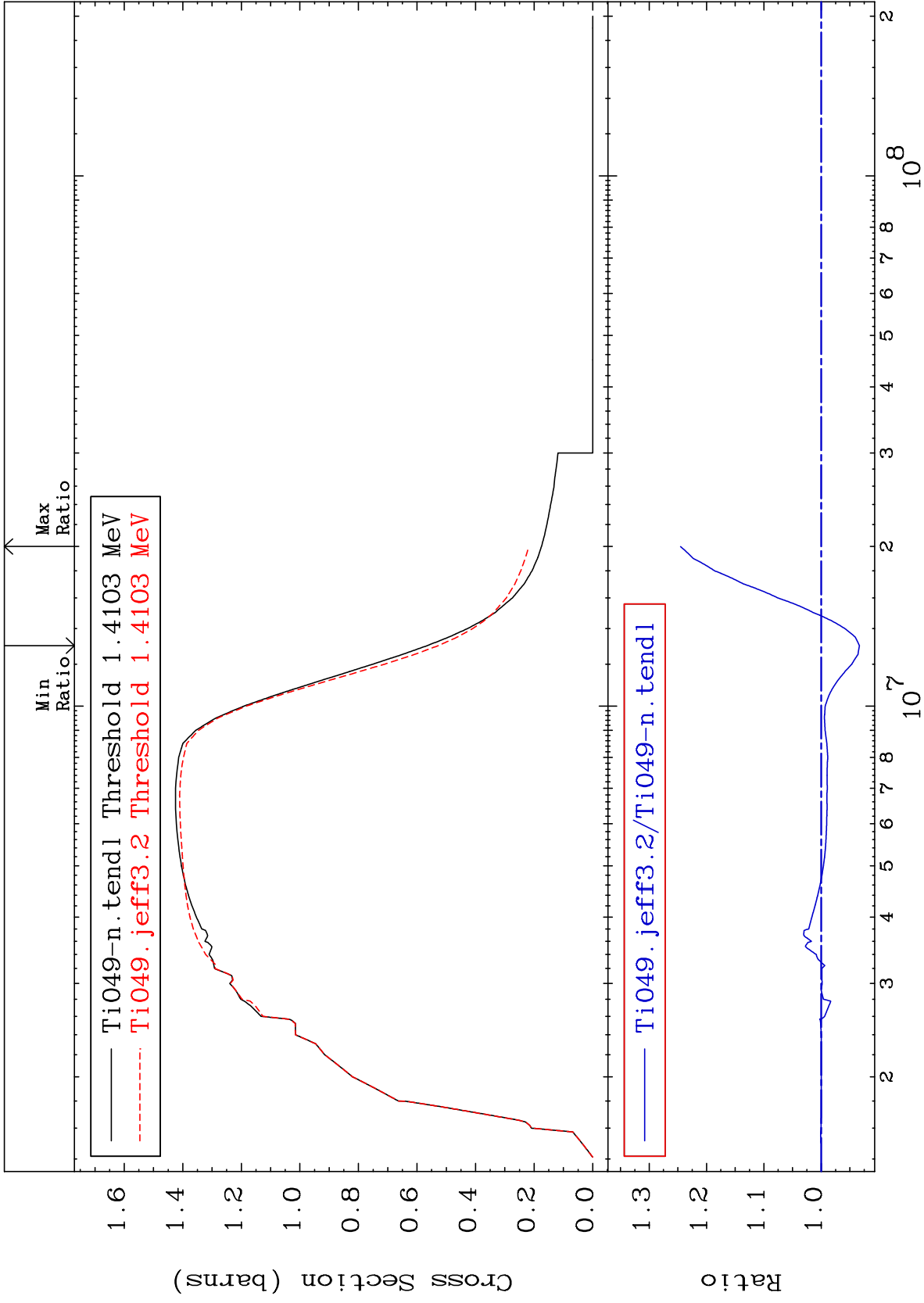
2

MAT 2234

²²Ti-49

-6.664 To 24.56 %

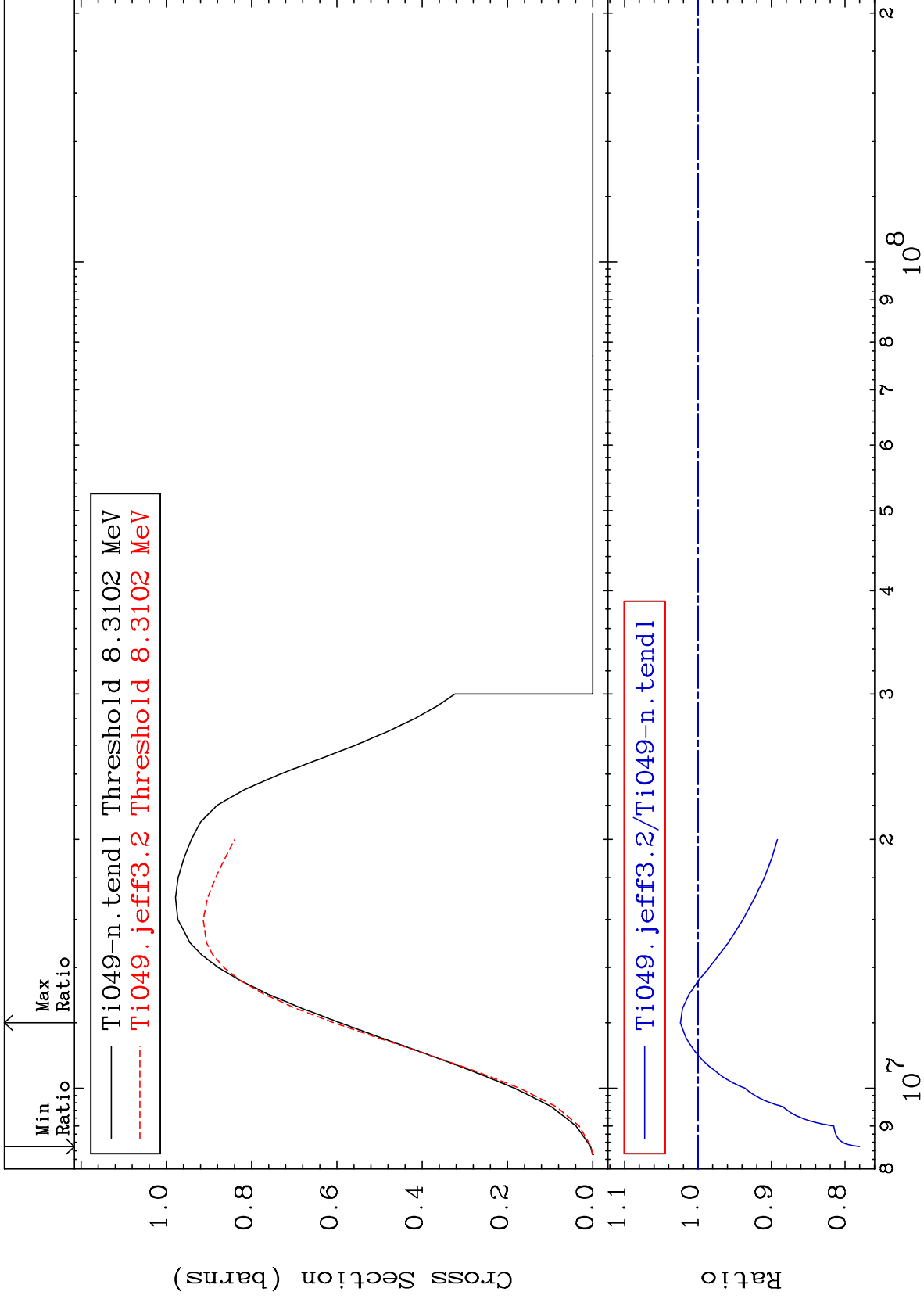
Inelastic
Cross Section



MAT 2234

(n,2n)
Cross Section

22-Ti-49
-21.97 To 2.406 %



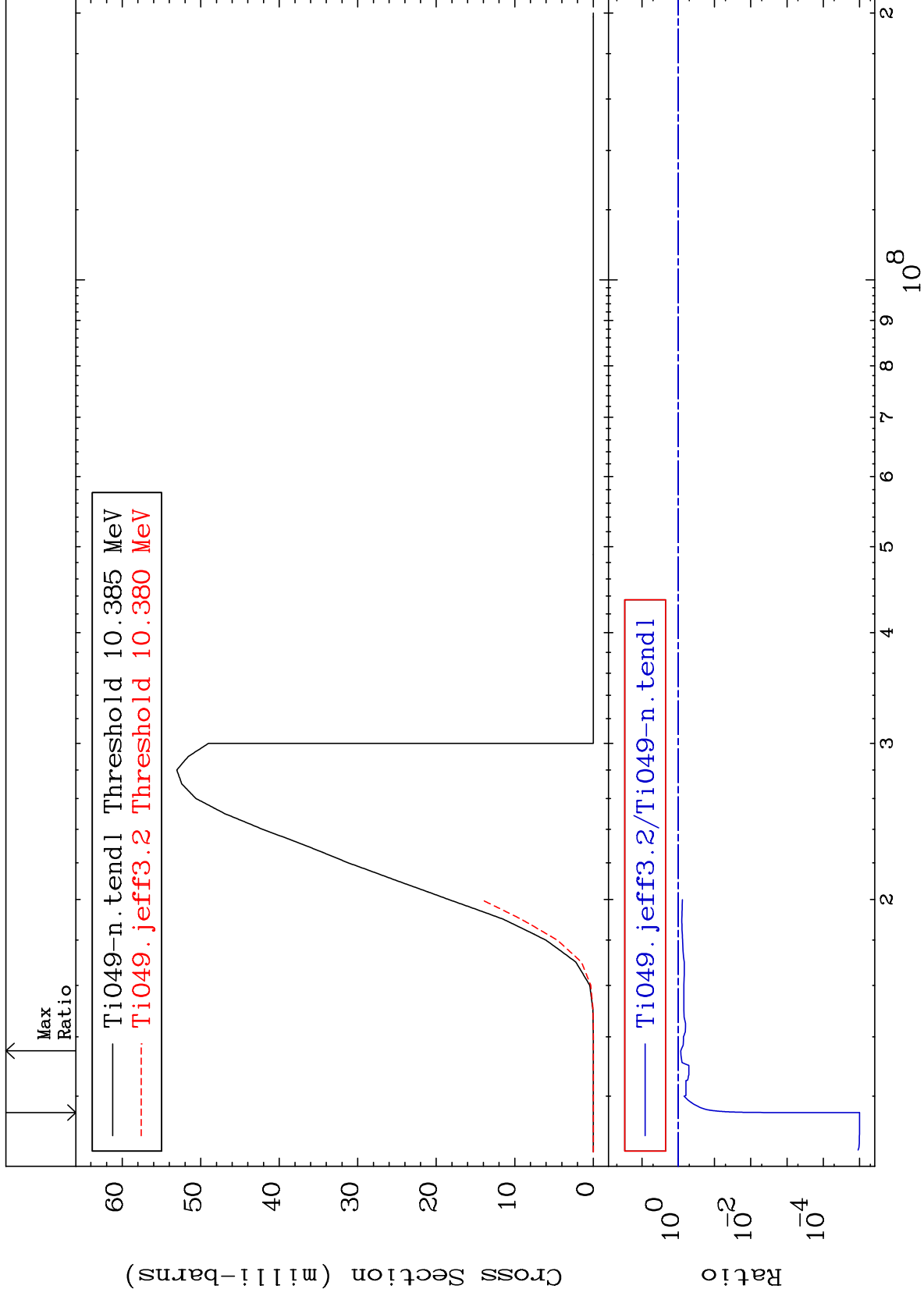
22-Ti-49

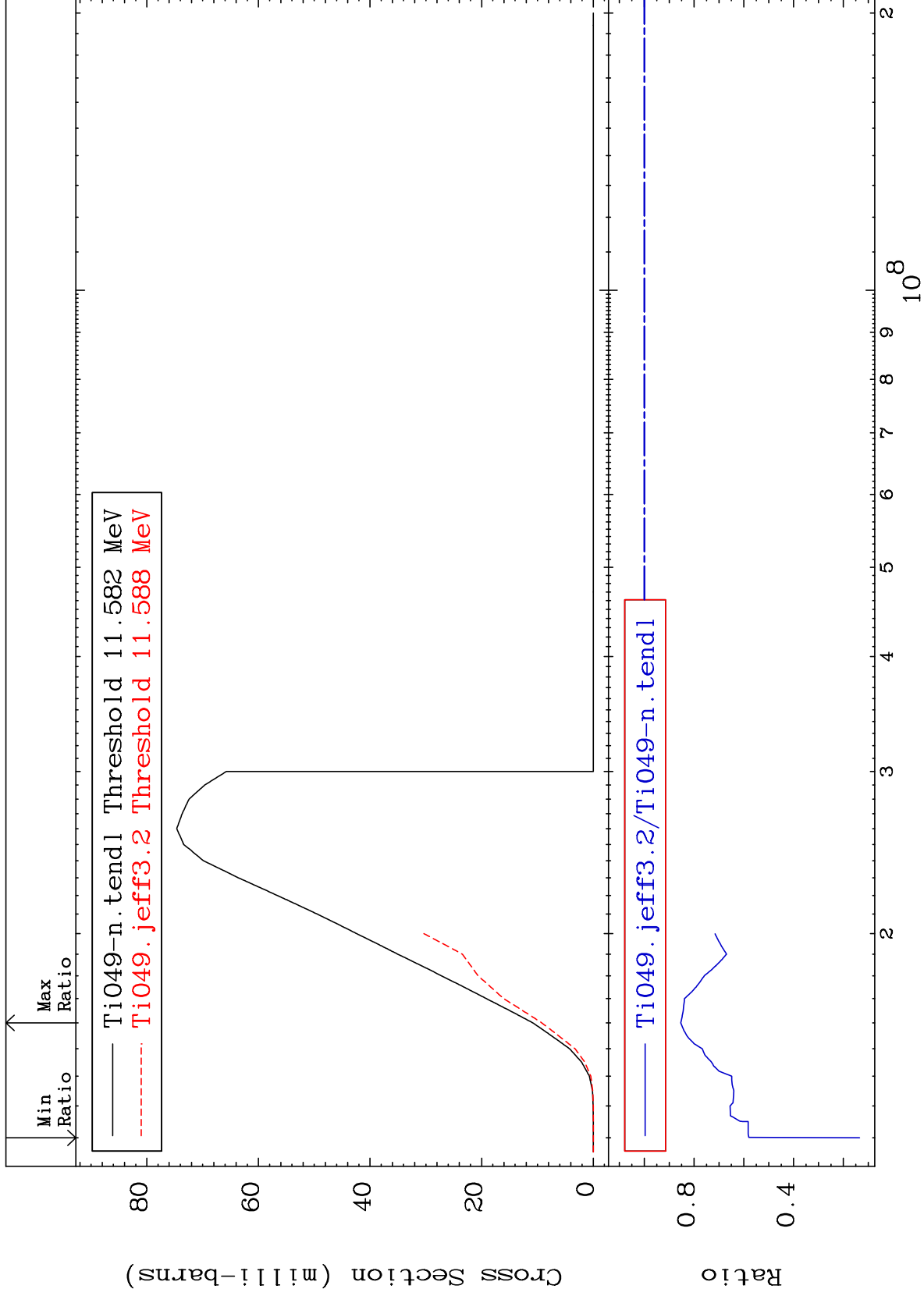
22-Ti-49

MAT 2234

(n, n') α
Cross Section

22-Ti-49
-100.0 To -14.51%

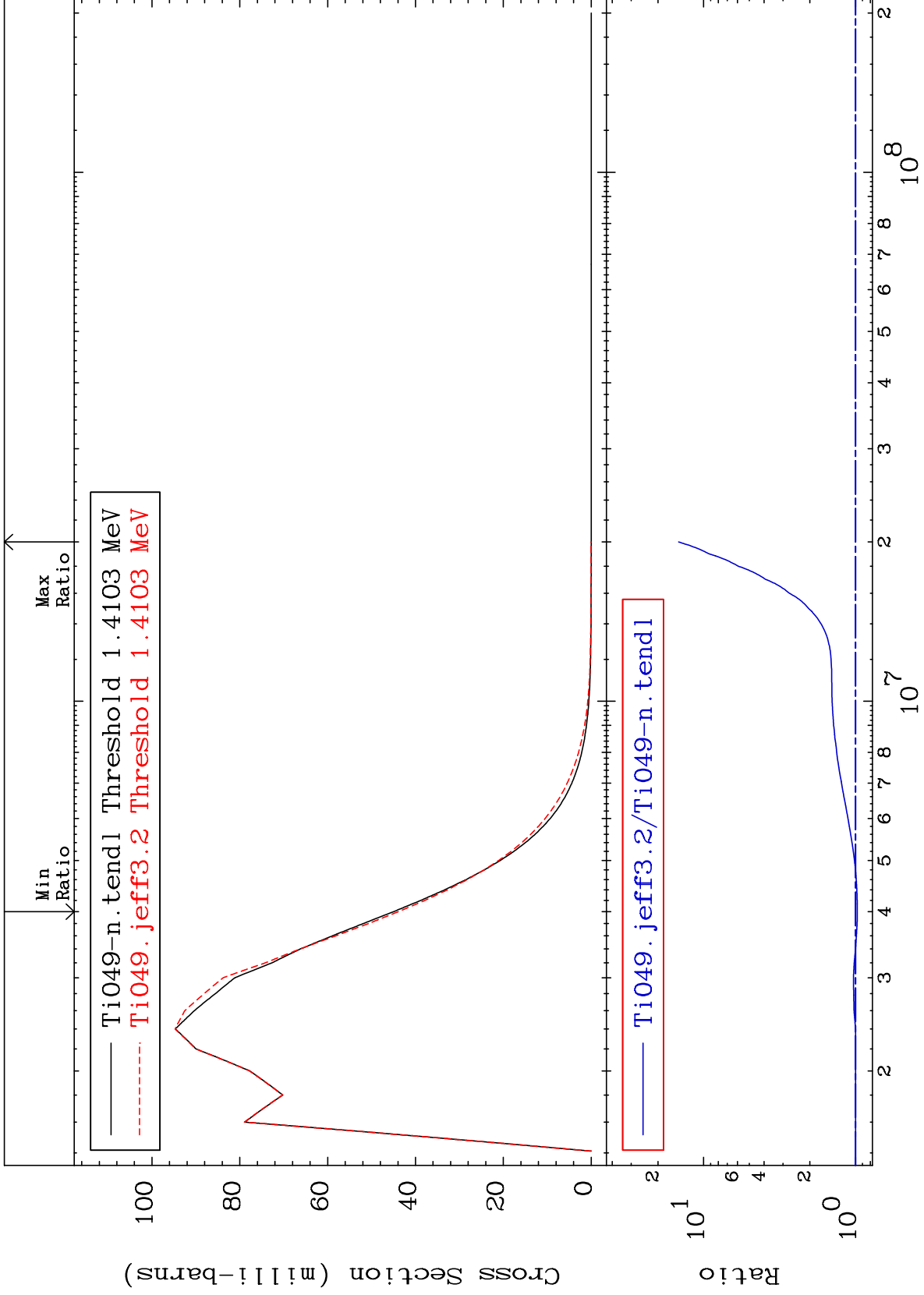




MAT 2234

1.382 MeV (n,n') Level
Cross Section

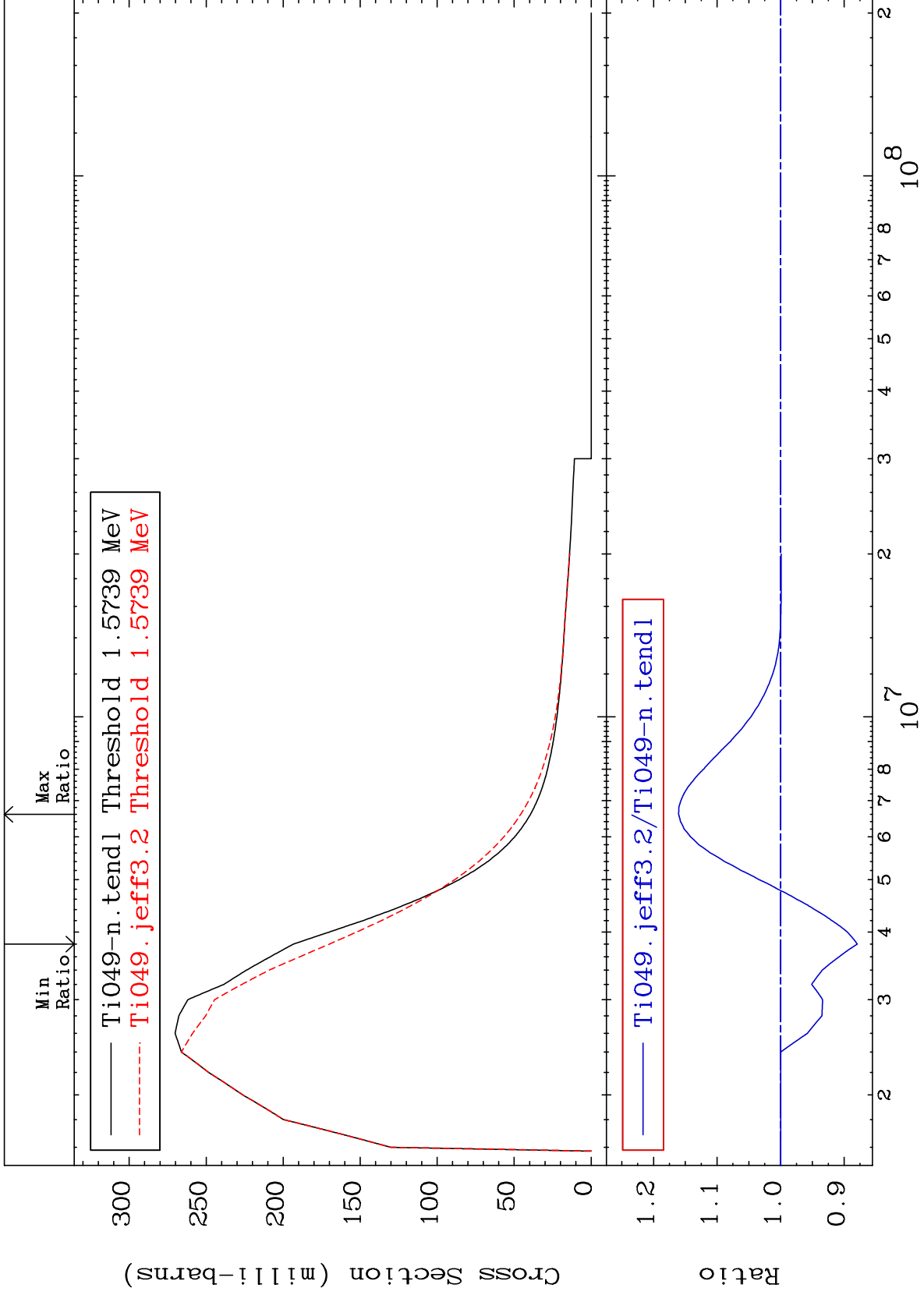
22-Ti-49
-2.502 To 1361. %



MAT 2234

1.542 MeV (n,n') Level
Cross Section

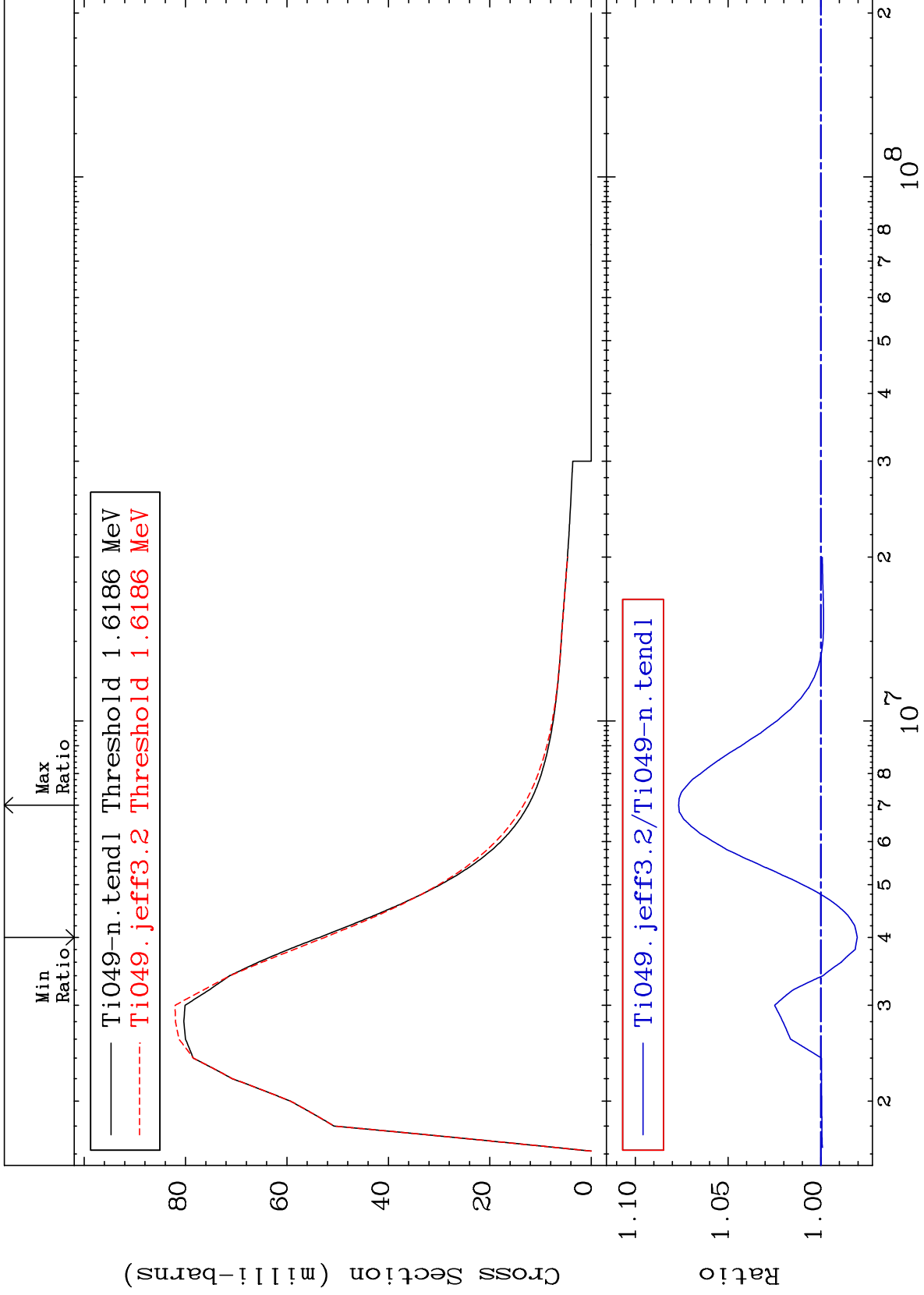
²²Ti-49
-12.07 To 16.05 %



MAT 2234

1.586 MeV (n,n') Level
Cross Section

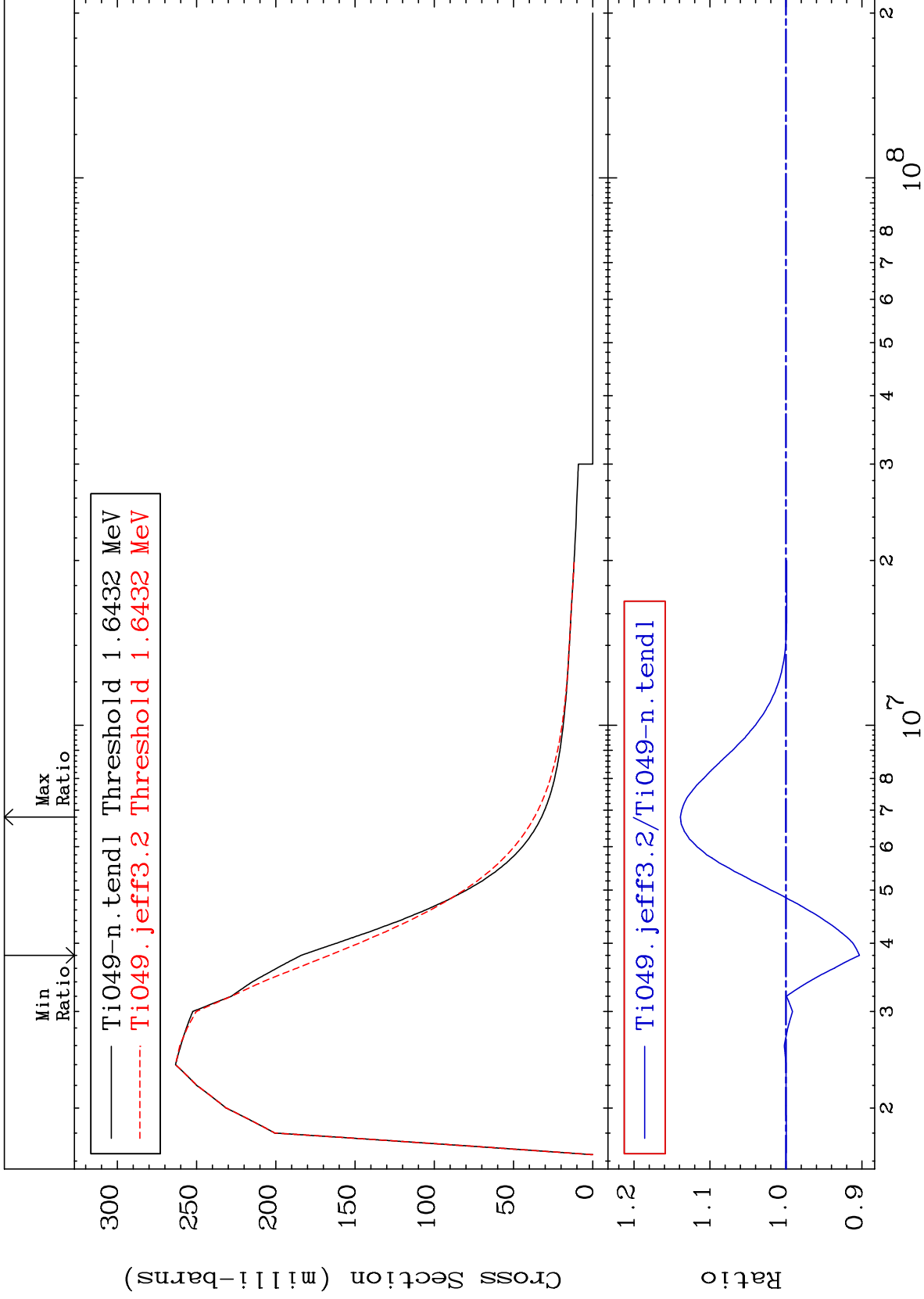
22-Ti-49
-1.961 To 7.662 %



MAT 2234

1.610 MeV (n,n') Level
Cross Section

22-Ti-49
-9.664 To 13.90 %



10

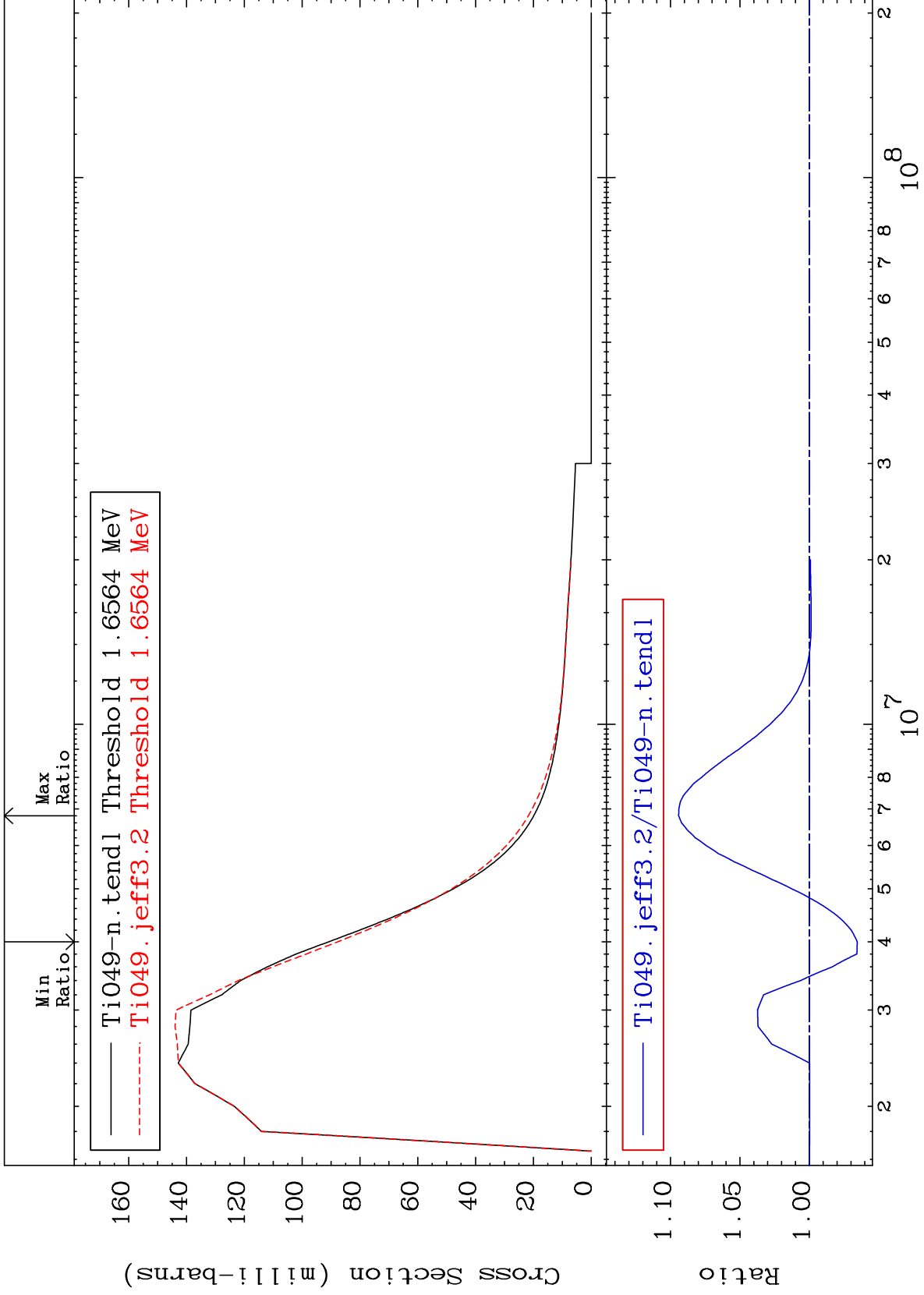
Incident Energy (eV)

22-Ti-49

MAT 2234

1.623 MeV (n,n') Level
Cross Section

22-Ti-49
-3.457 To 9.417 %



11

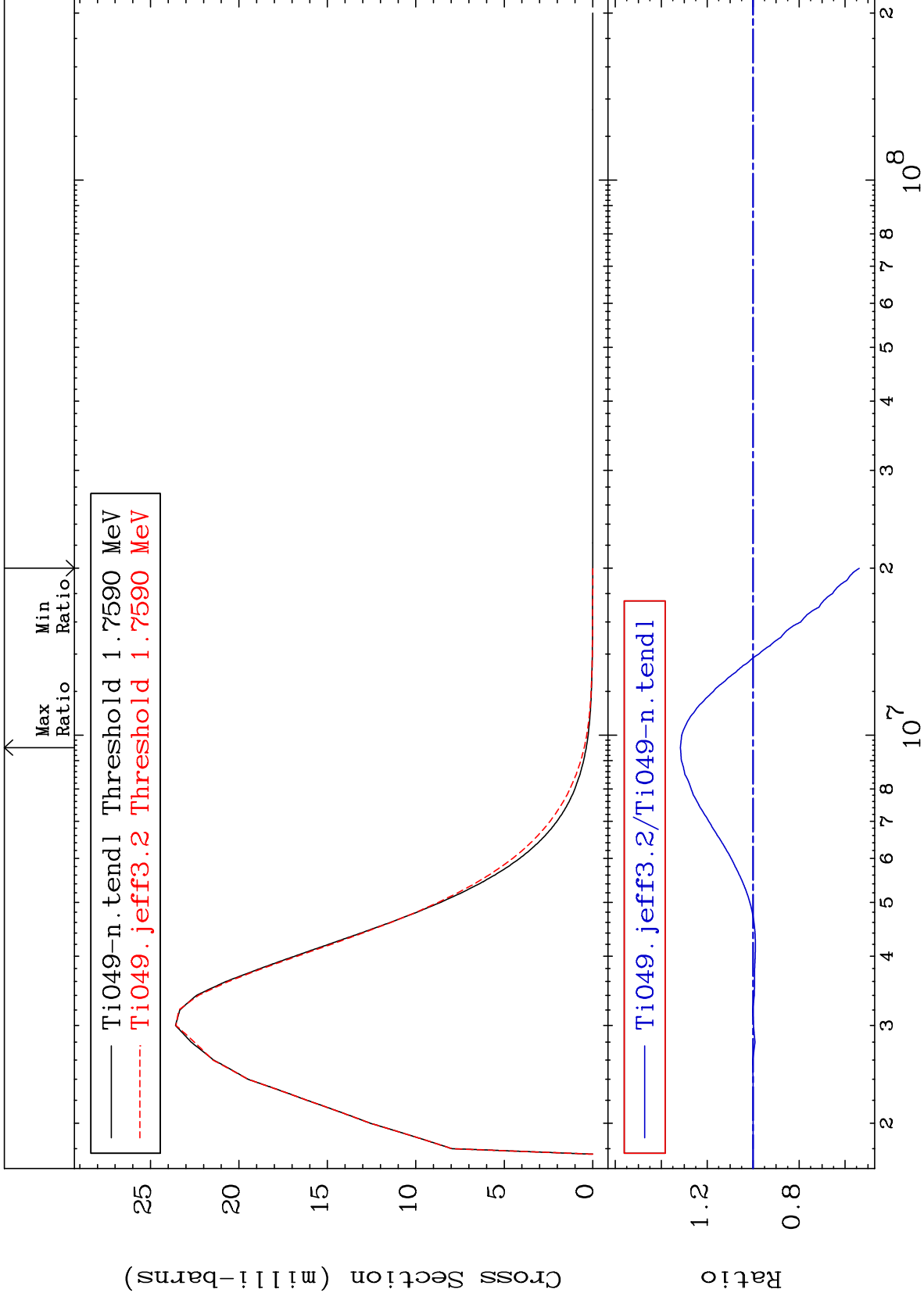
Incident Energy (eV)

22-Ti-49

MAT 2234

1.723 MeV (n,n') Level
Cross Section

22-Ti-49
-46.27 To 31.69 %



12

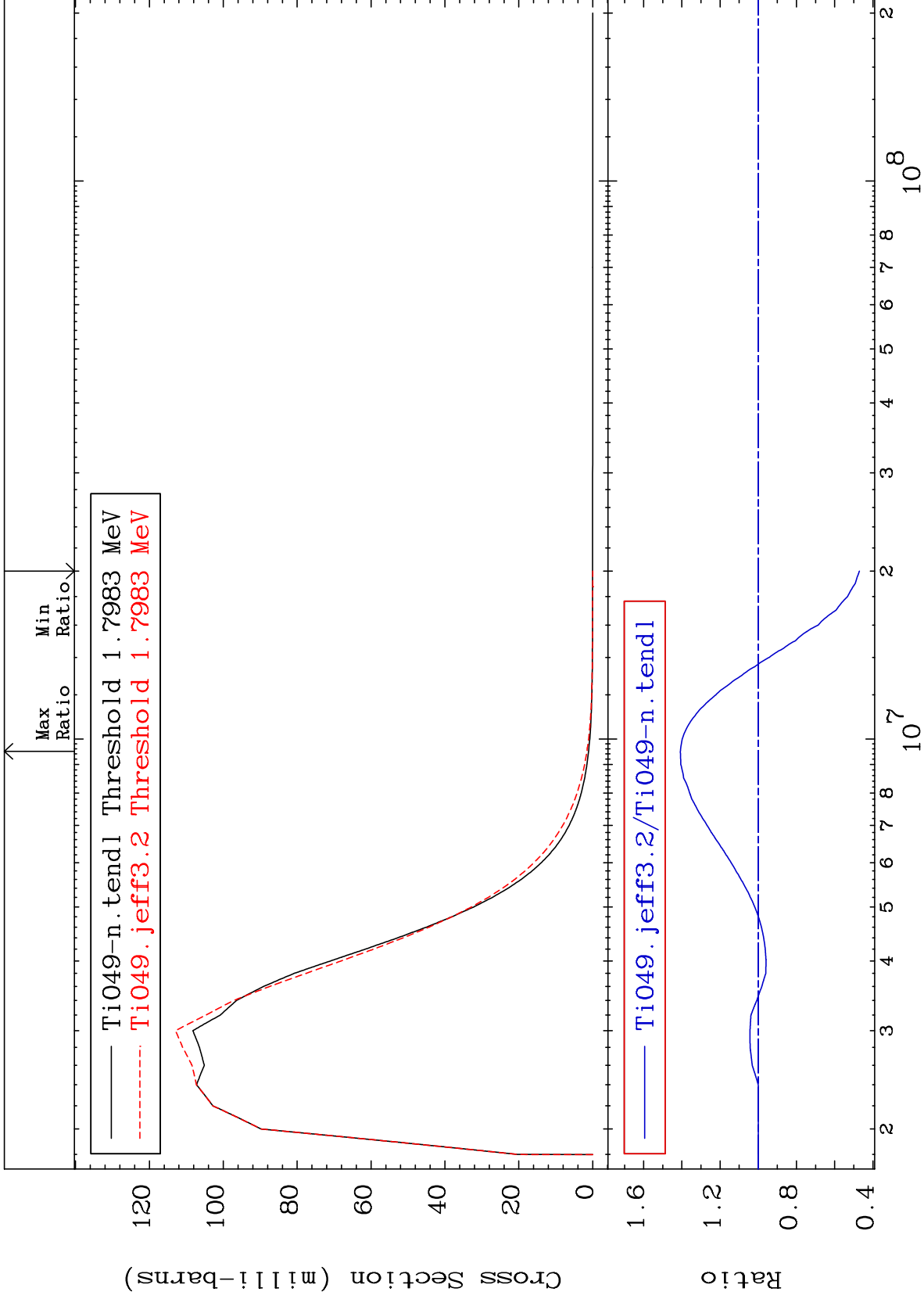
Incident Energy (eV)

22-Ti-49

MAT 2234

1.762 MeV (n,n') Level
Cross Section

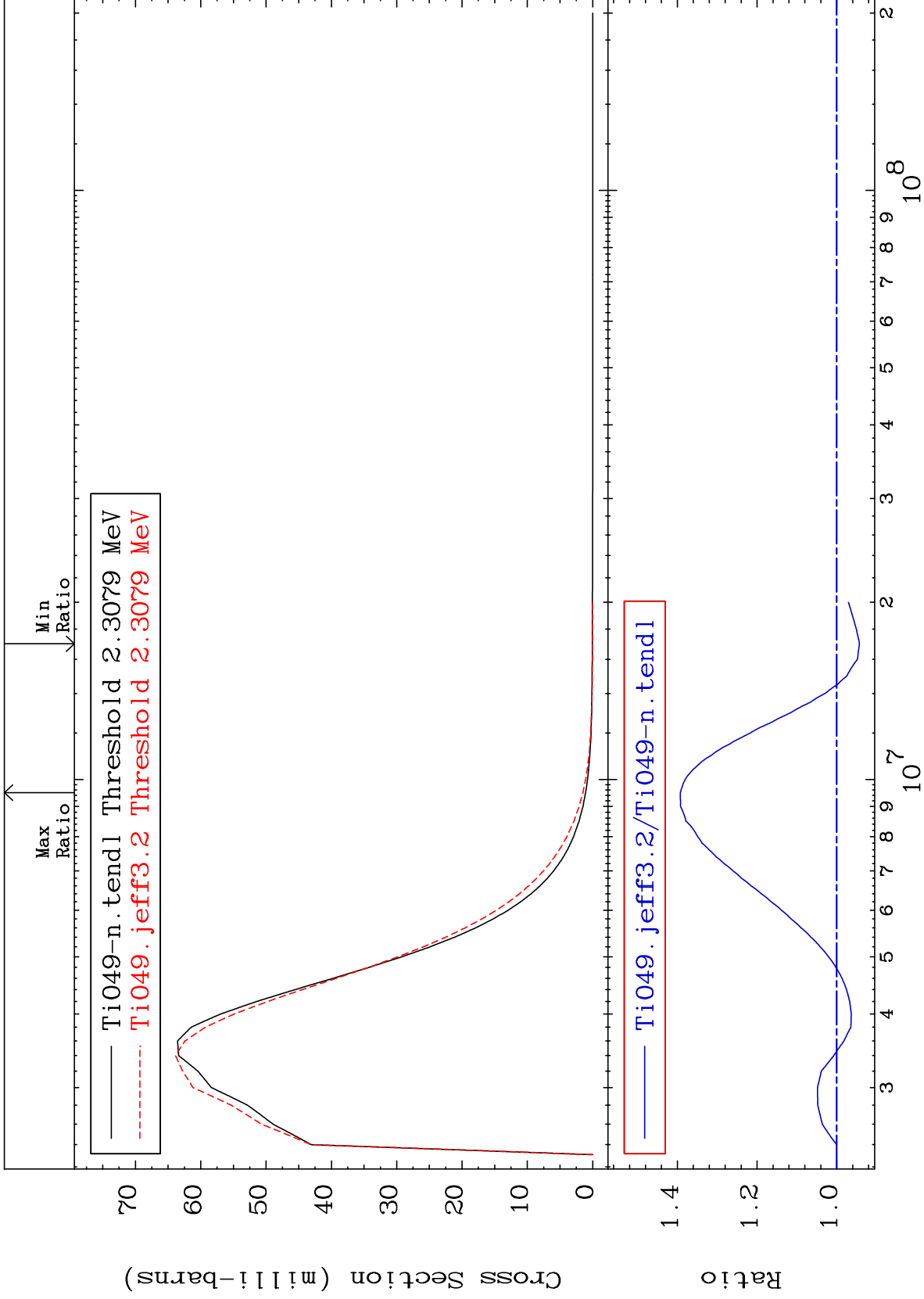
22-Ti-49
-52.96 To 40.78 %



MAT 2234

2.261 MeV (n,n') Level
Cross Section

22-Ti-49
-5.694 To 39.25 %



14

Incident Energy (eV)

22-Ti-49

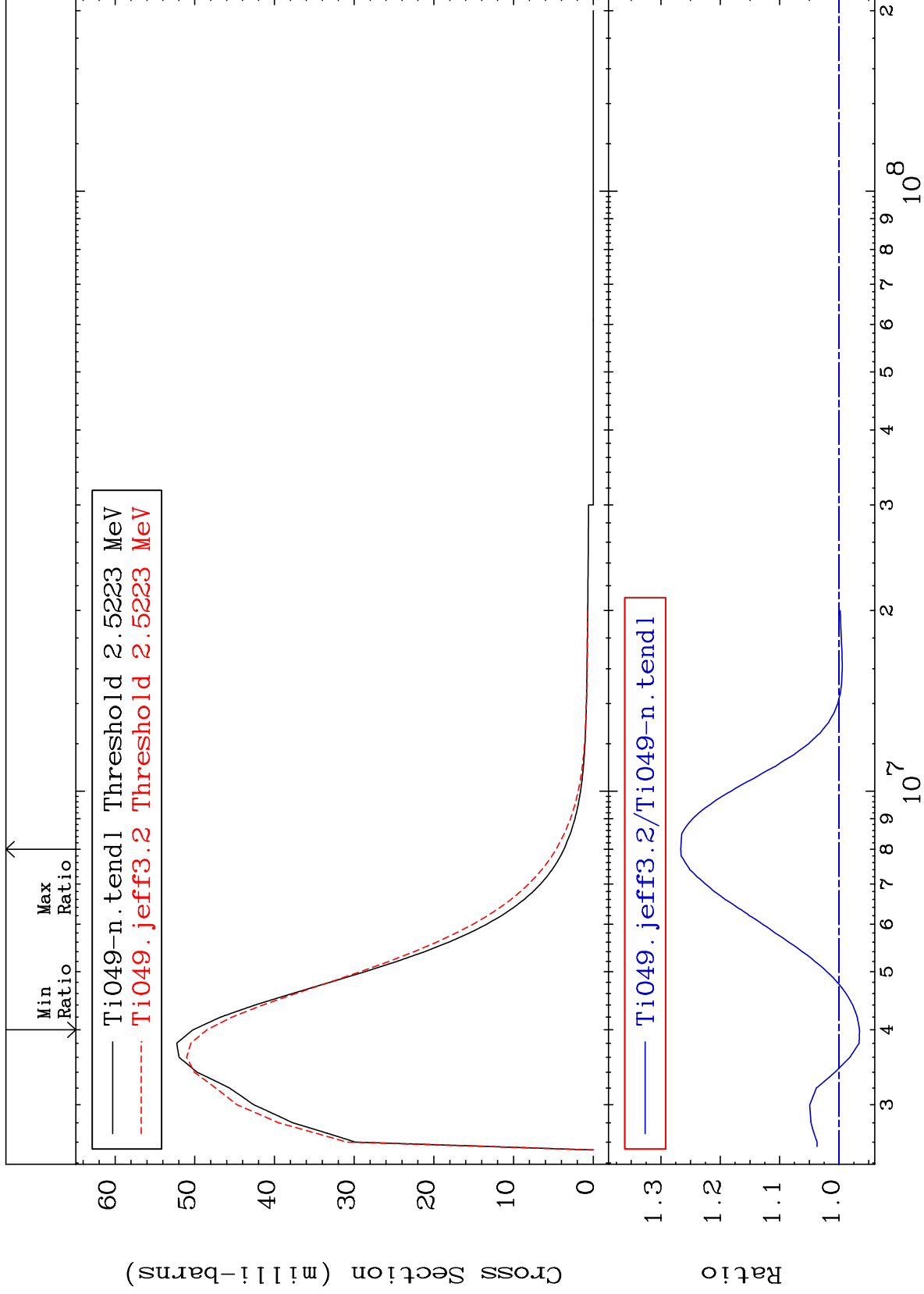
MAT 2234

2.471 MeV (n,n') Level

²²Ti-49

-3.465 To 26.66 %

Cross Section



15

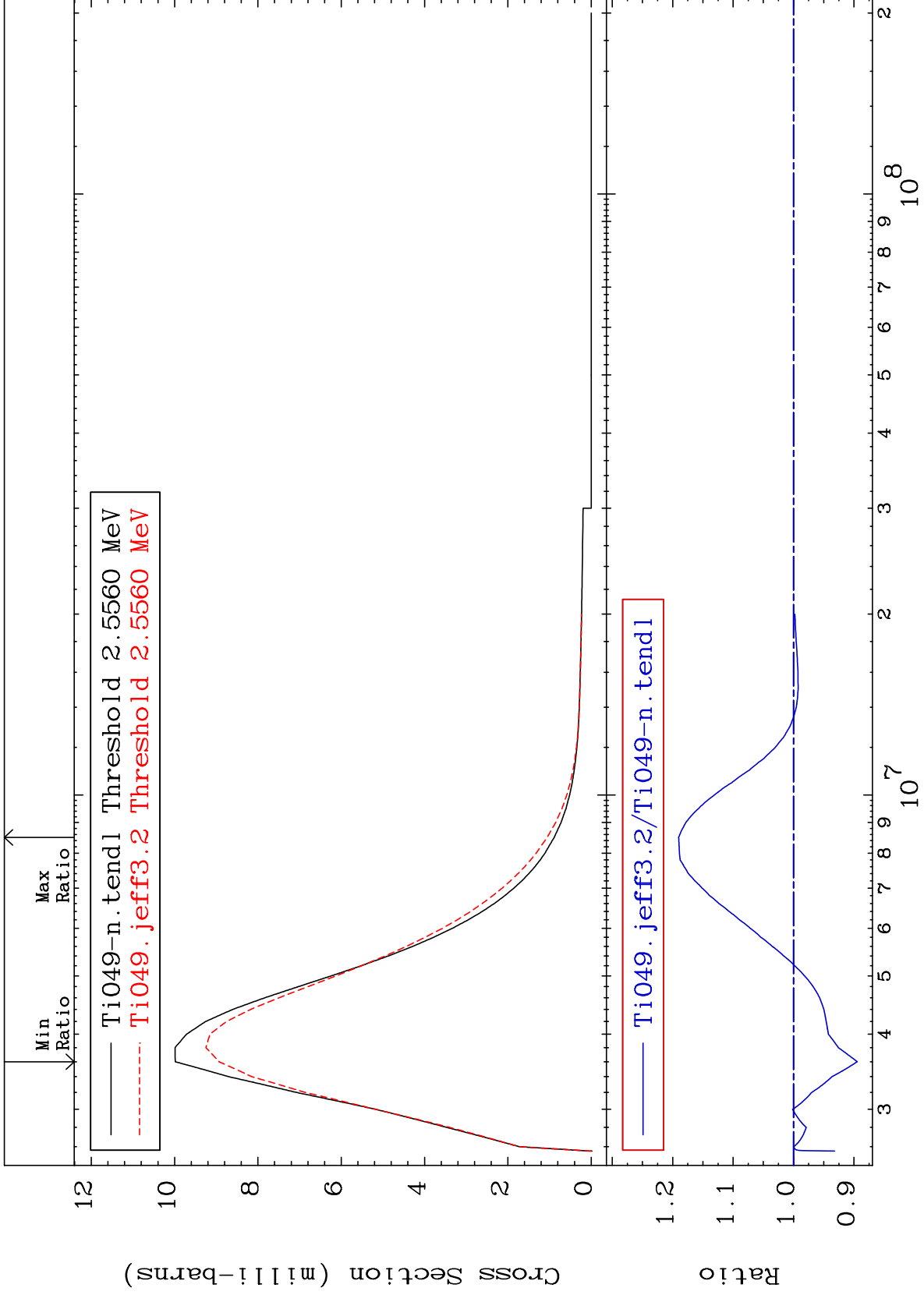
Incident Energy (eV)

²²Ti-49

MAT 2234

2.504 MeV (n,n') Level
Cross Section

22-Ti-49
-10.55 To 19.02 %



16

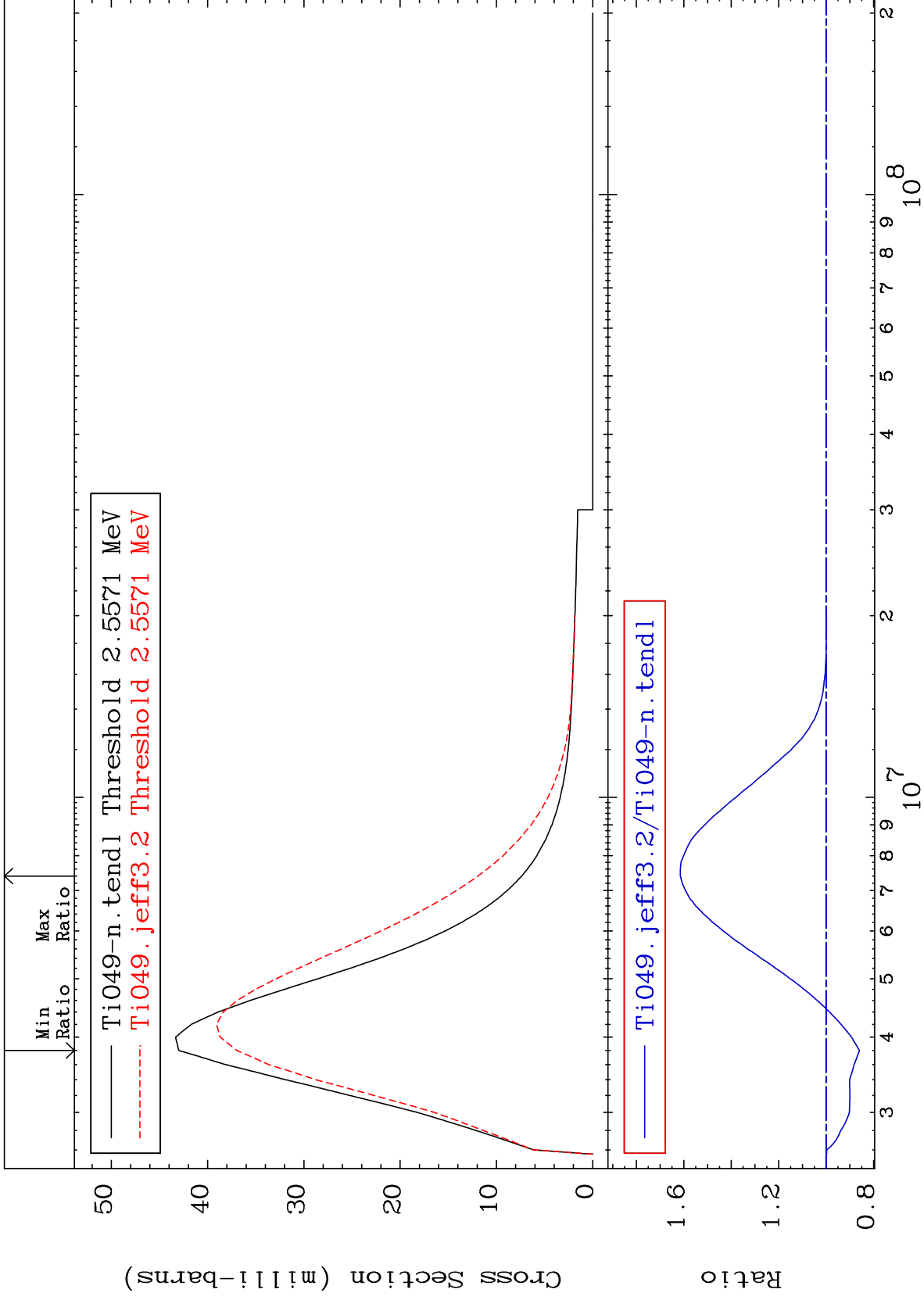
Incident Energy (eV)

22-Ti-49

MAT 2234

2.506 MeV (n,n') Level
Cross Section

22-Ti-49
-14.03 To 61.47 %



17

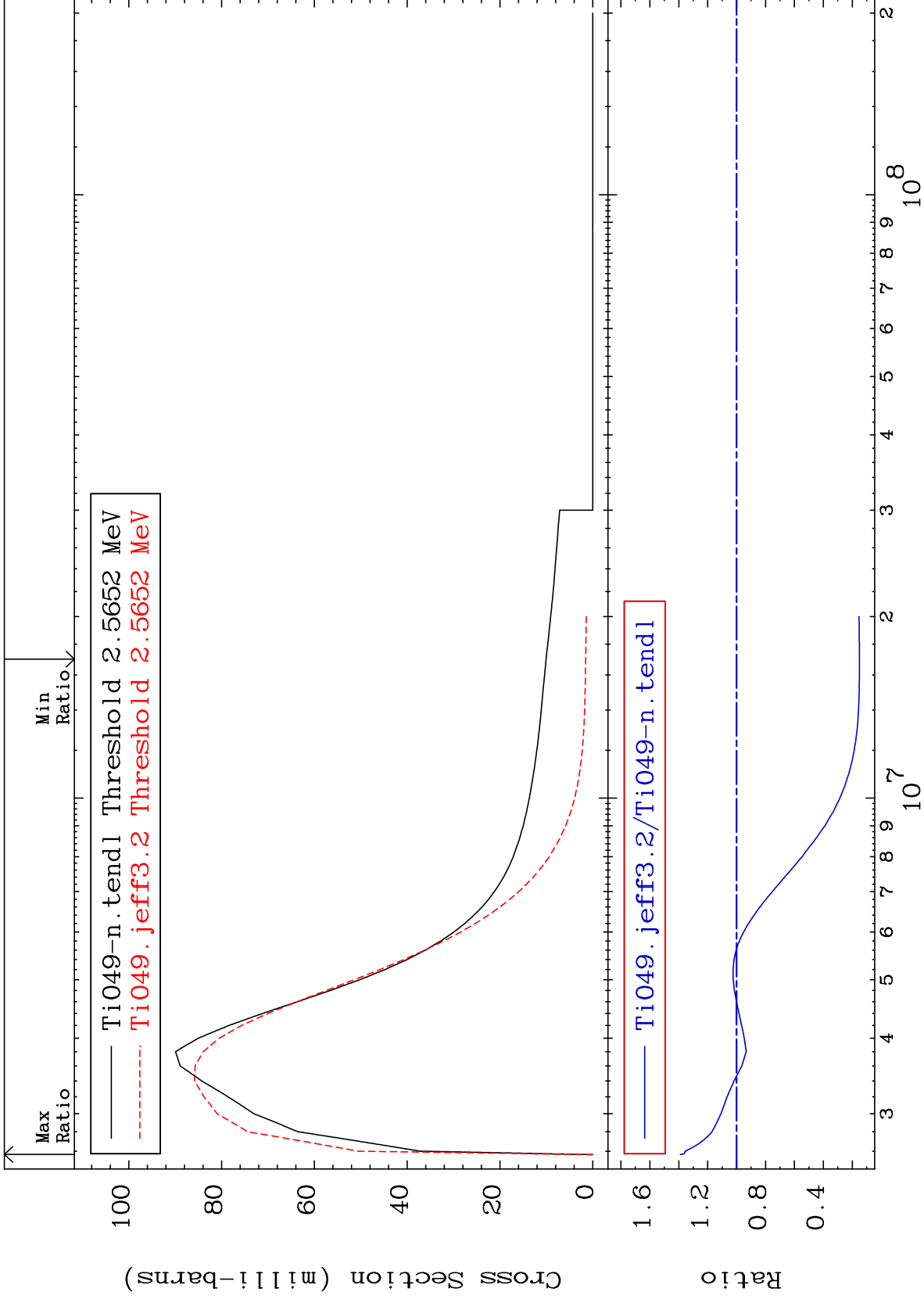
22-Ti-49

22-Ti-49

MAT 2234

2.513 MeV (n,n') Level
Cross Section

22-Ti-49
-84.96 To 38.89 %



18

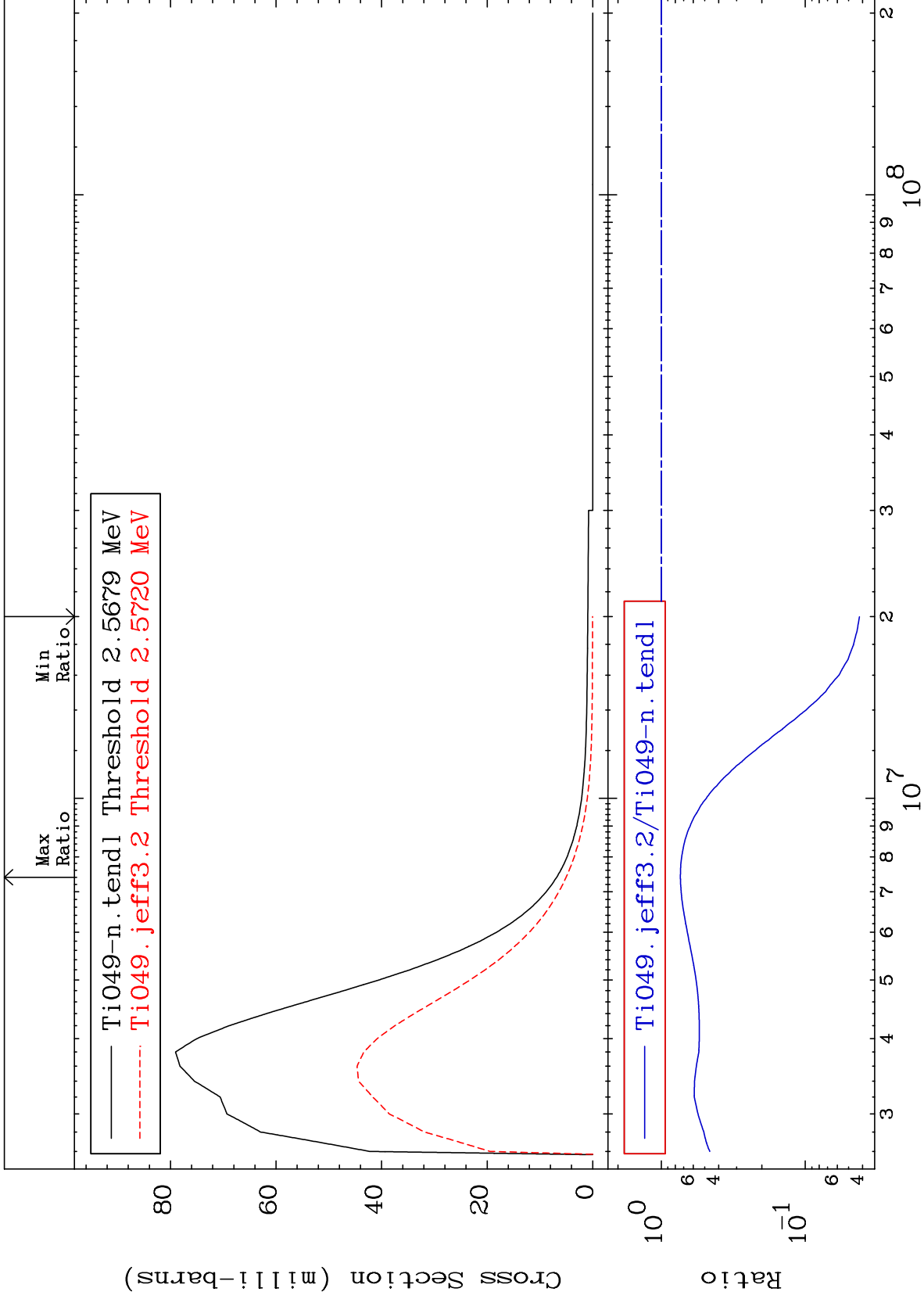
Incident Energy (eV)

22-Ti-49

MAT 2234

2.516 MeV (n,n') Level
Cross Section

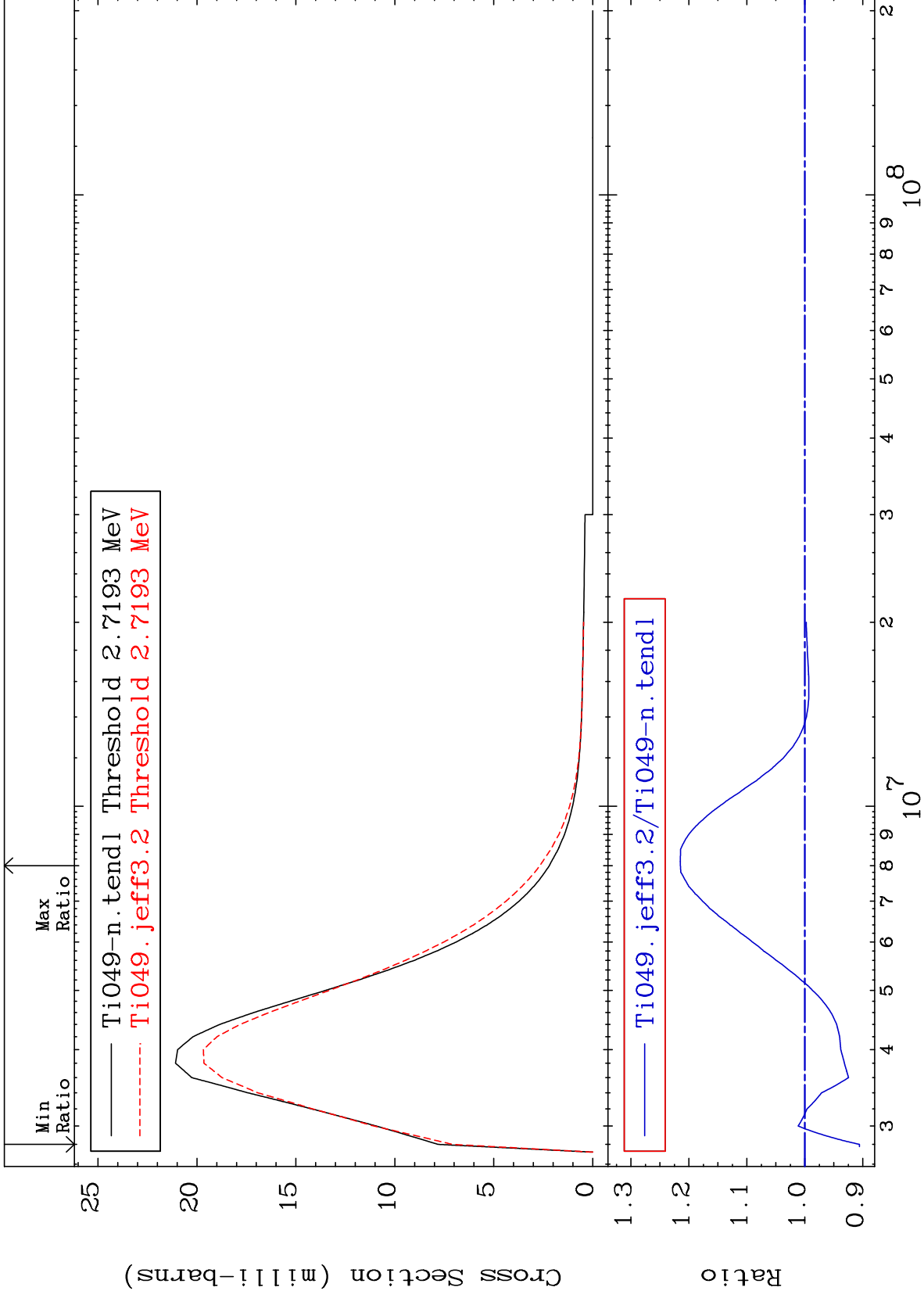
22-Ti-49
-95.79 To -26.32%



MAT 2234

2.664 MeV (n,n') Level
Cross Section

22-Ti-49
-9.420 To 21.48 %



20

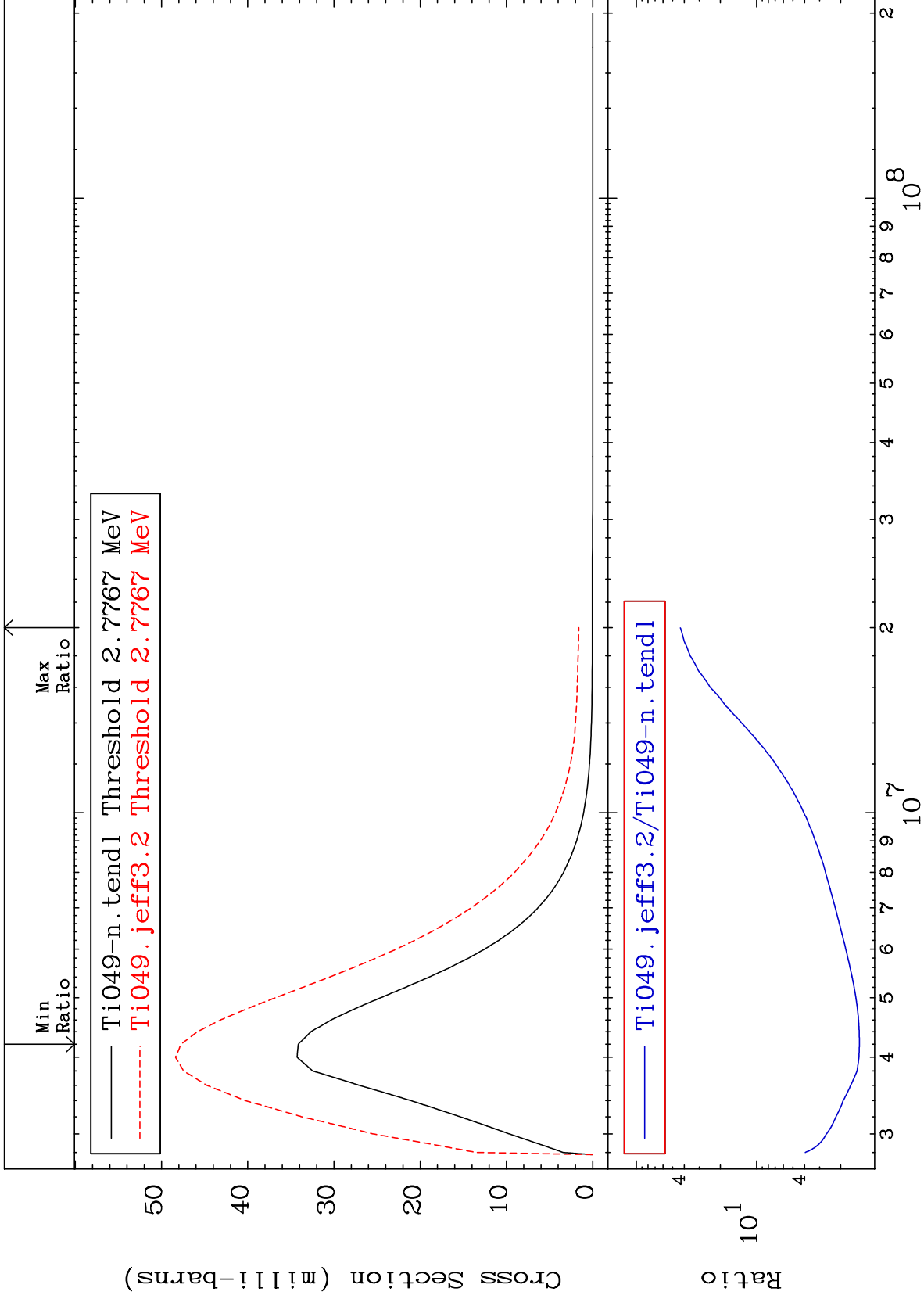
Incident Energy (eV)

22-Ti-49

MAT 2234

2.721 MeV (n,n') Level
Cross Section

22-Ti-49
39.82 To 4209. %



21

22-Ti-49

22-Ti-49

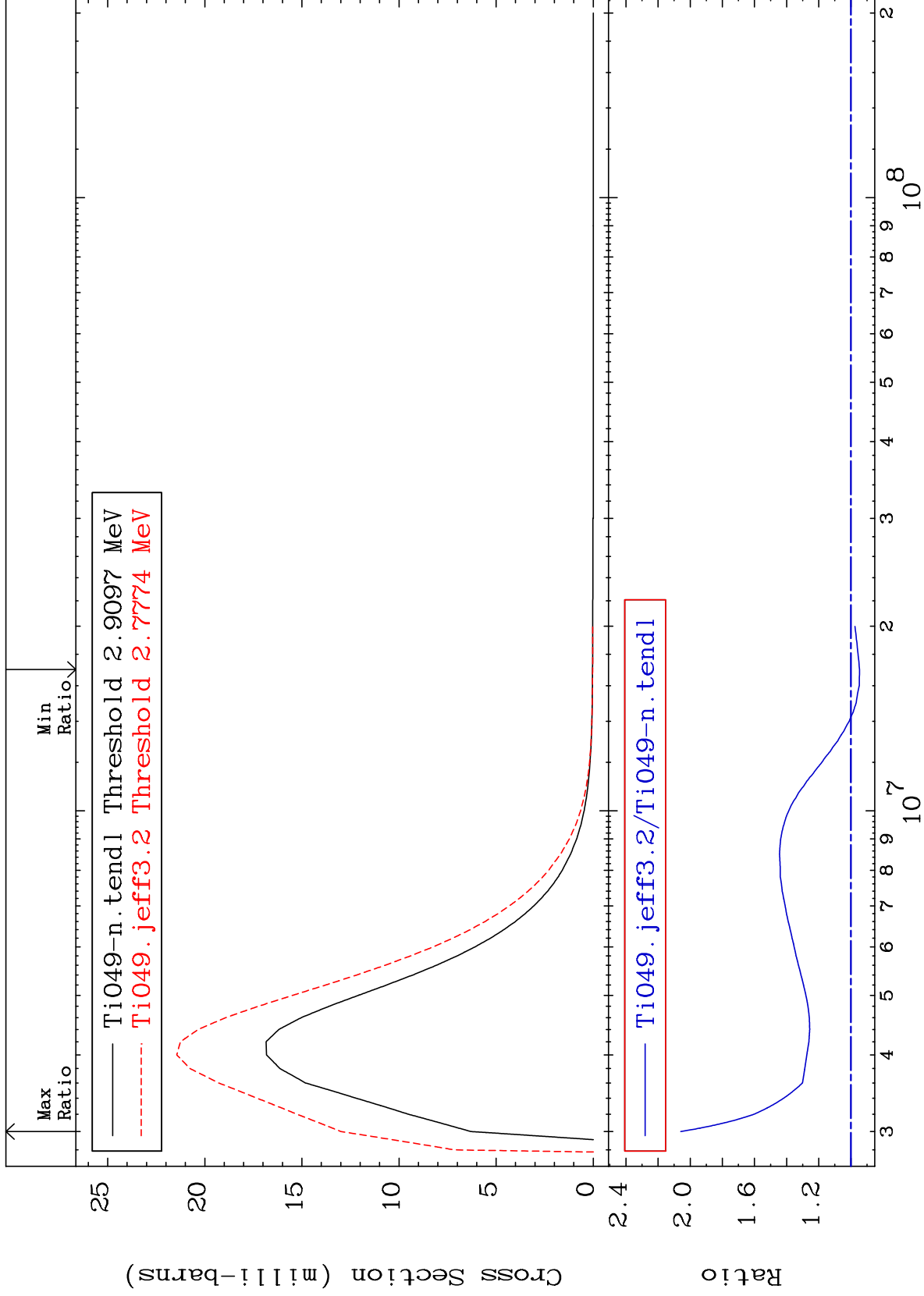
MAT 2234

2.851 MeV (n,n') Level

22-Ti-49

-5.369 To 105.9 %

Cross Section



22

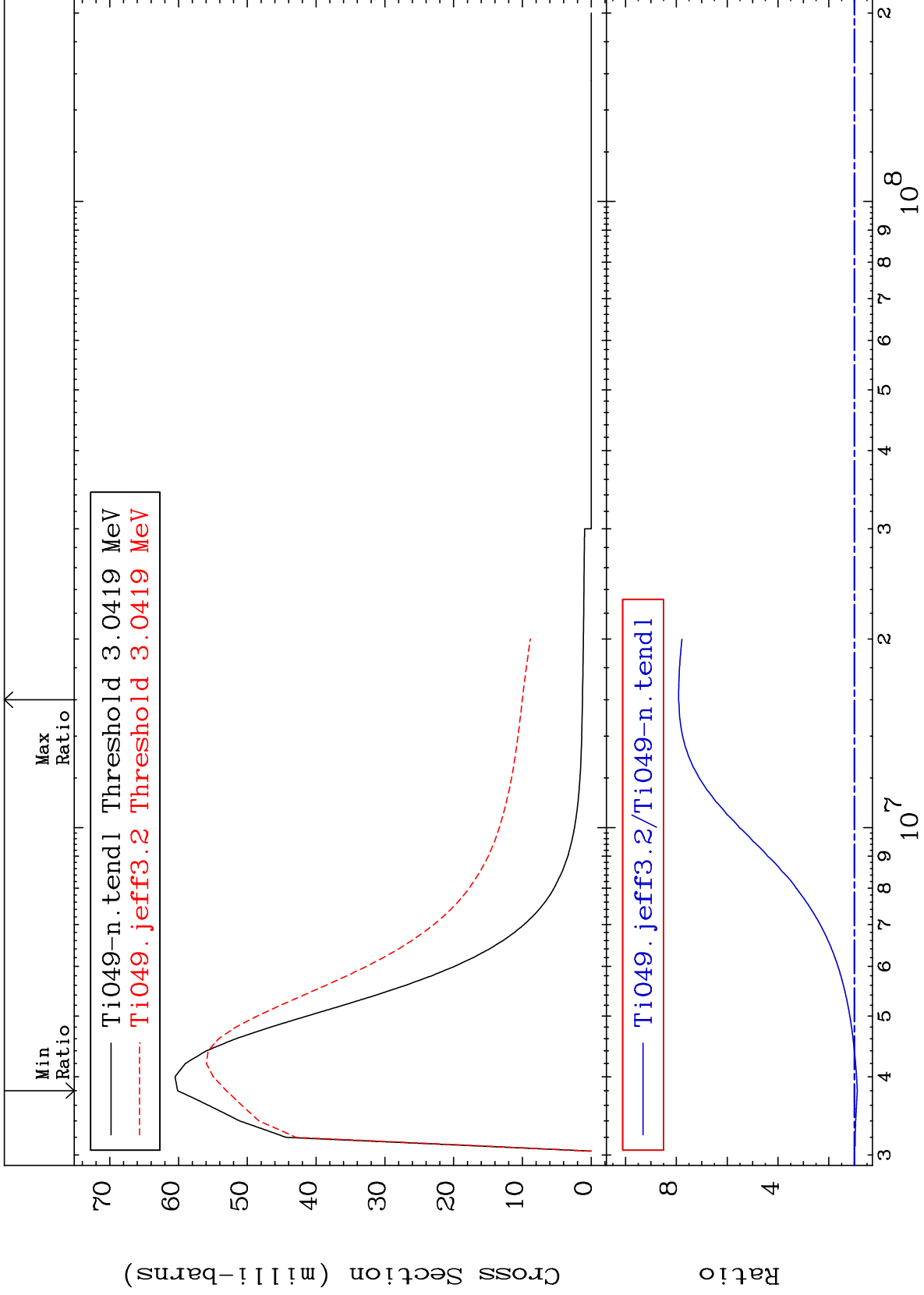
Incident Energy (eV)

22-Ti-49

MAT 2234

2.980 MeV (n,n') Level
Cross Section

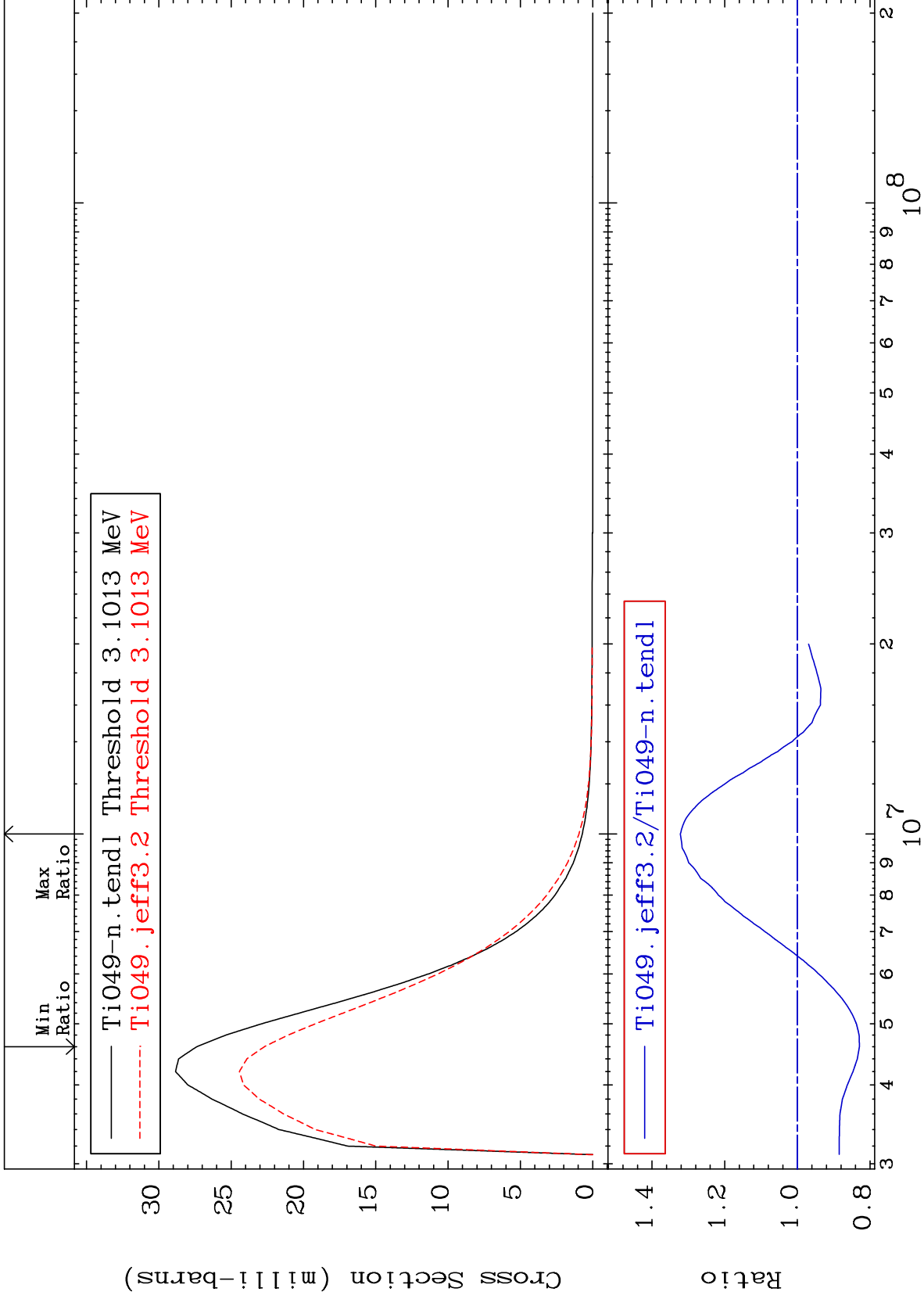
22-Ti-49
-11.78 To 690.9 %



MAT 2234

3.039 MeV (n,n') Level
Cross Section

22-Ti-49
-17.08 To 32.21 %



24

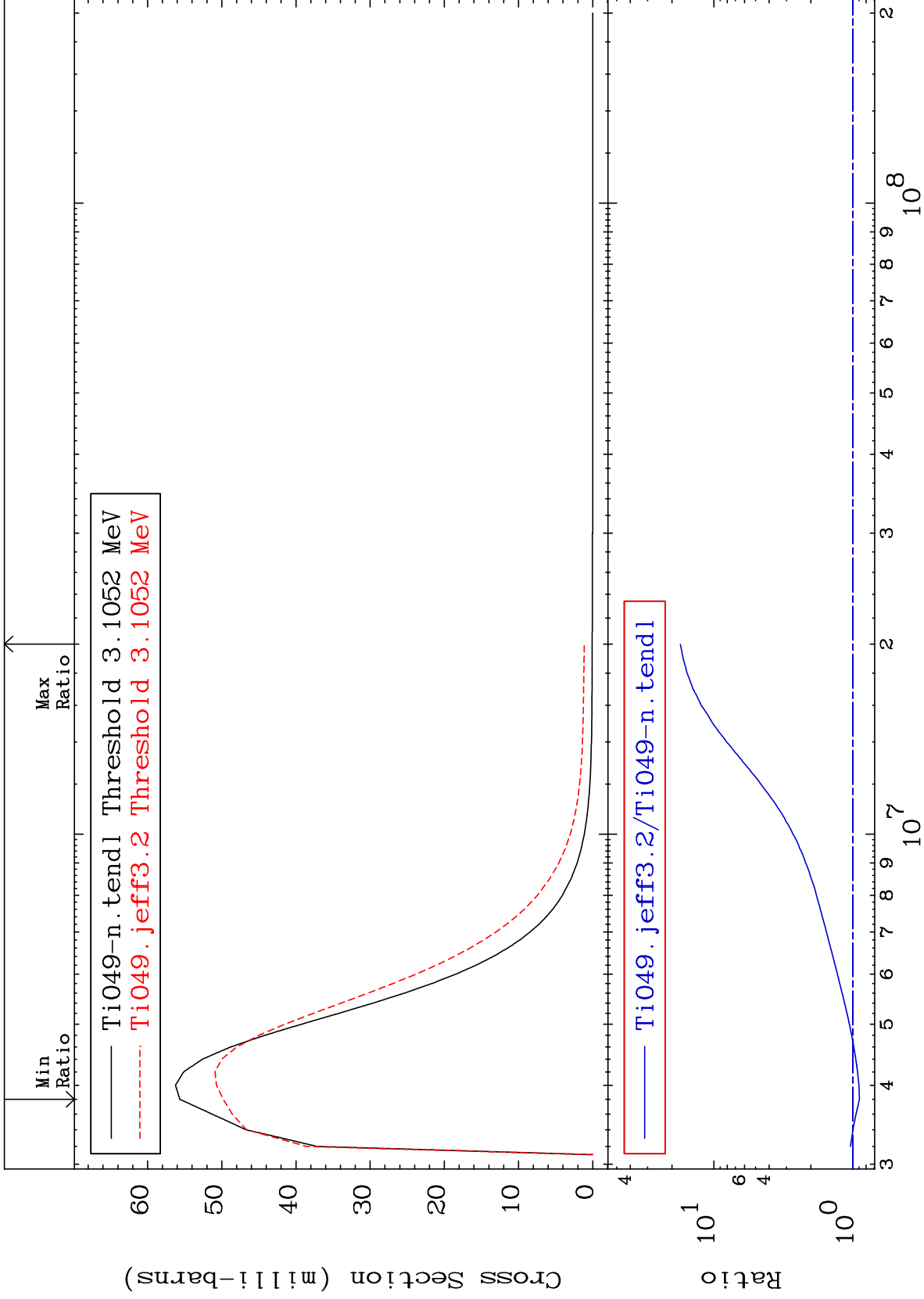
Incident Energy (eV)

22-Ti-49

MAT 2234

3.043 MeV (n,n') Level
Cross Section

22-Ti-49
-10.53 To 1642. %



25

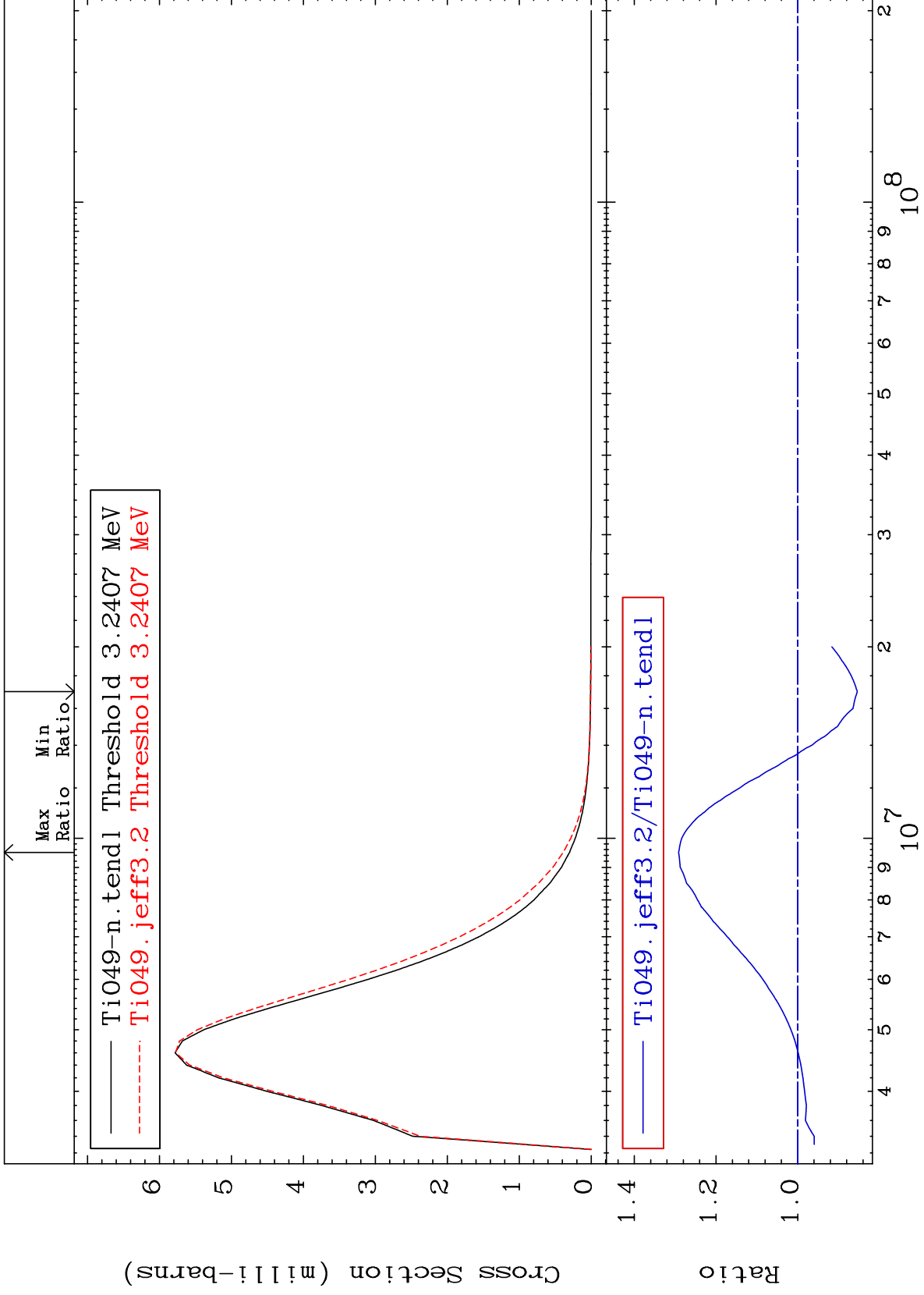
Incident Energy (eV)

22-Ti-49

MAT 2234

3.175 MeV (n,n') Level
Cross Section

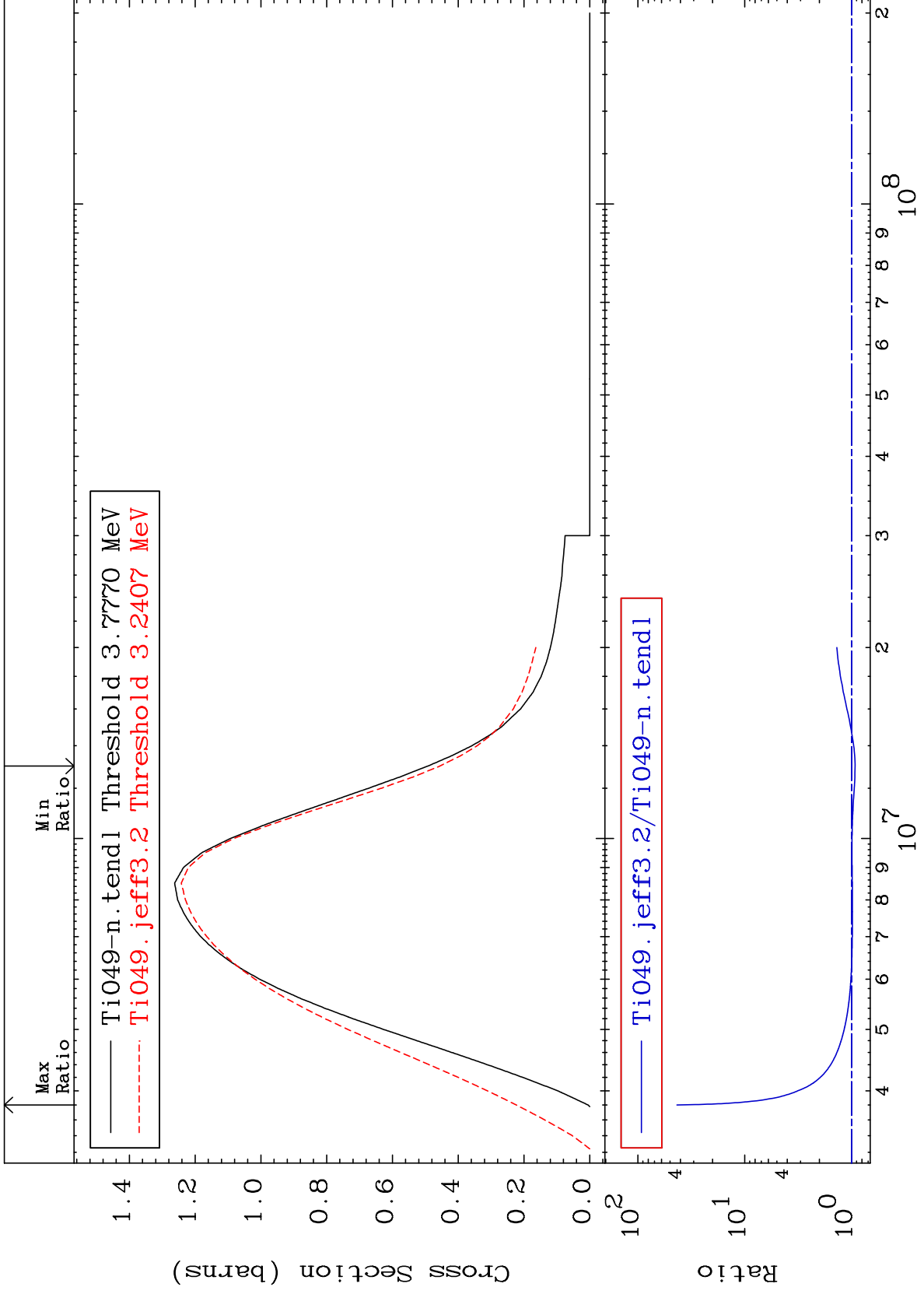
22-Ti-49
-14.59 To 29.16 %



MAT 2234

(n, n') Continuum
Cross Section

22-Ti-49
-7.335 To 4214. %



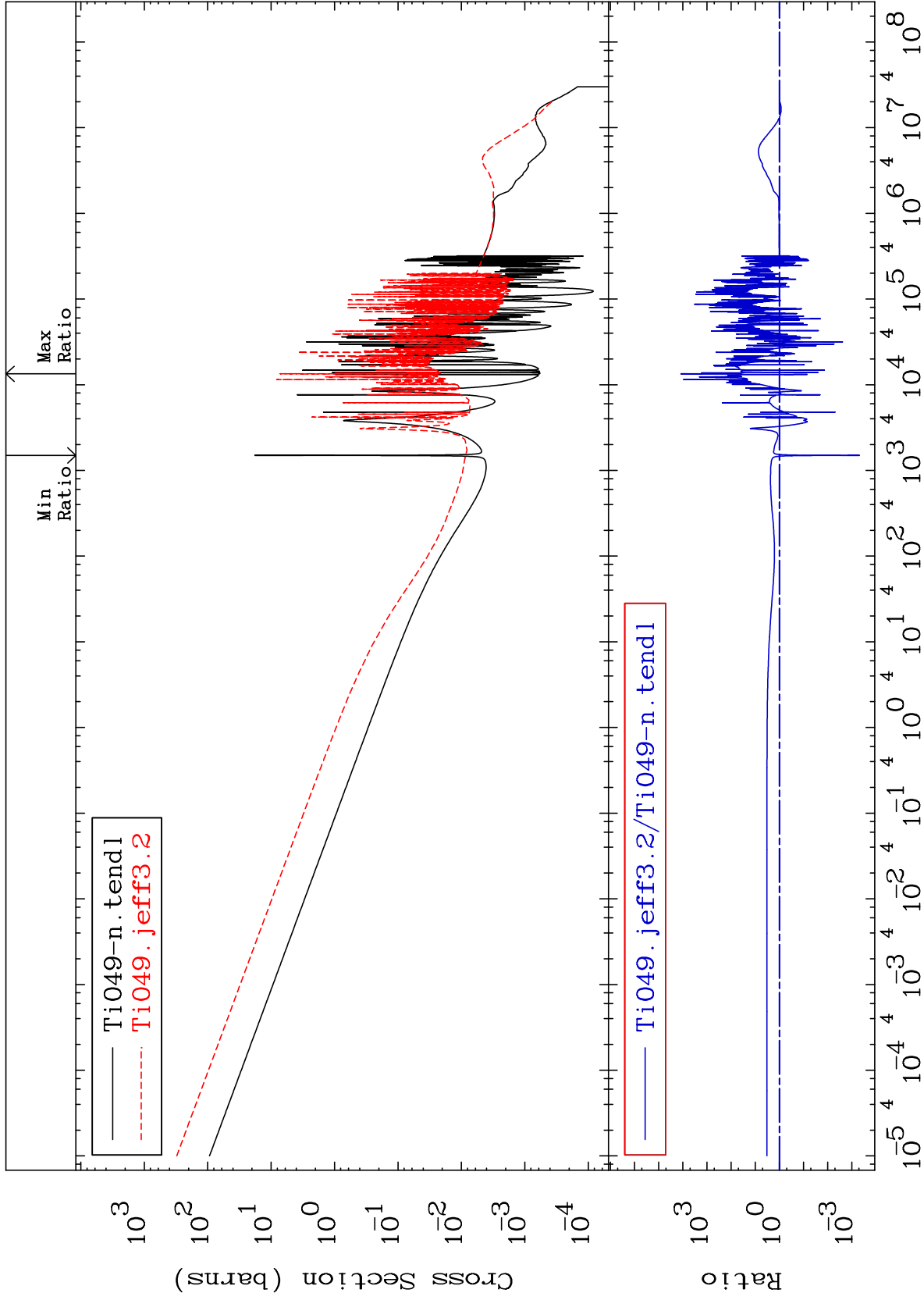
MAT 2234

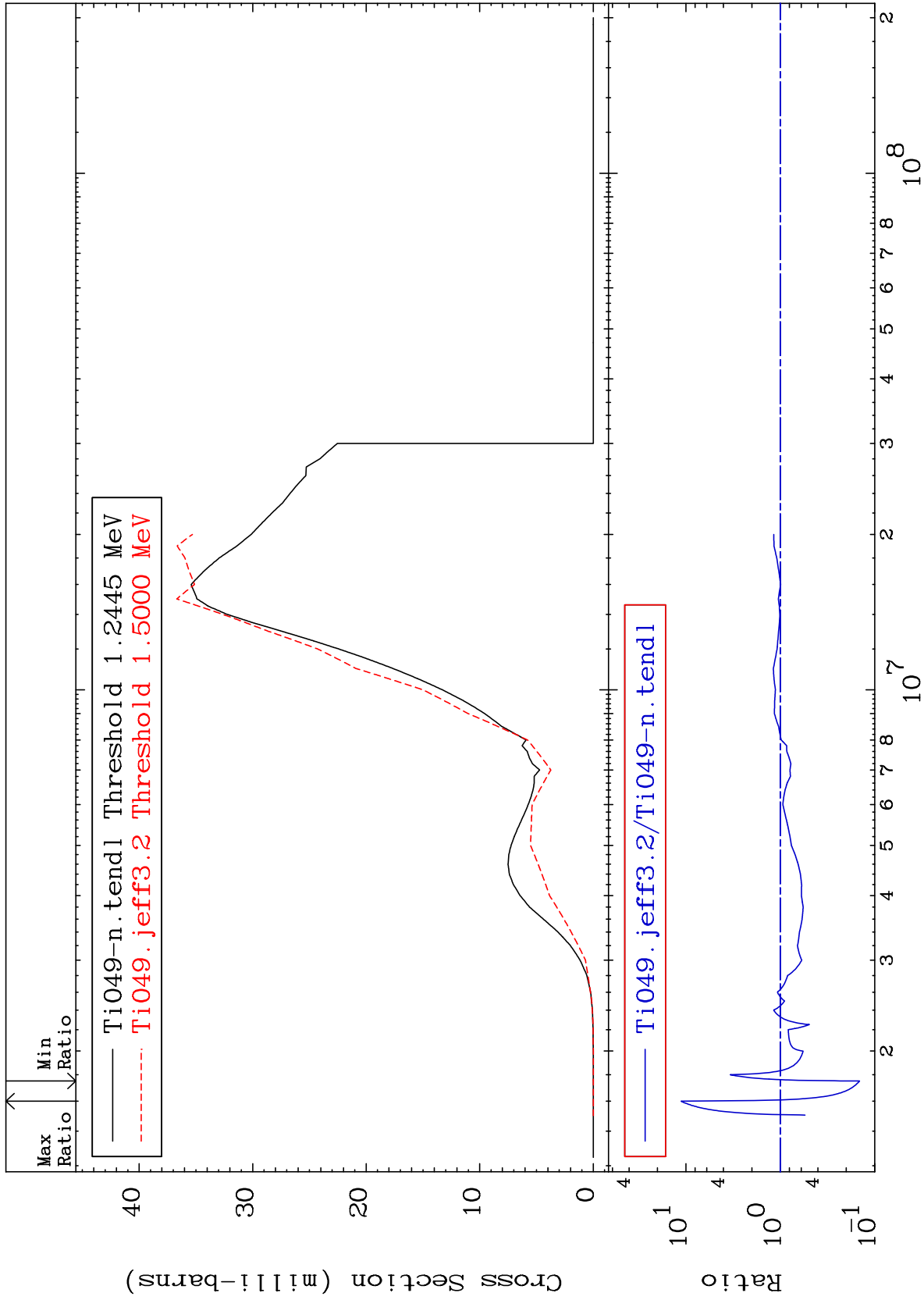
(n, γ)

22-Ti-49

Cross Section

-99.95 To 9999. %

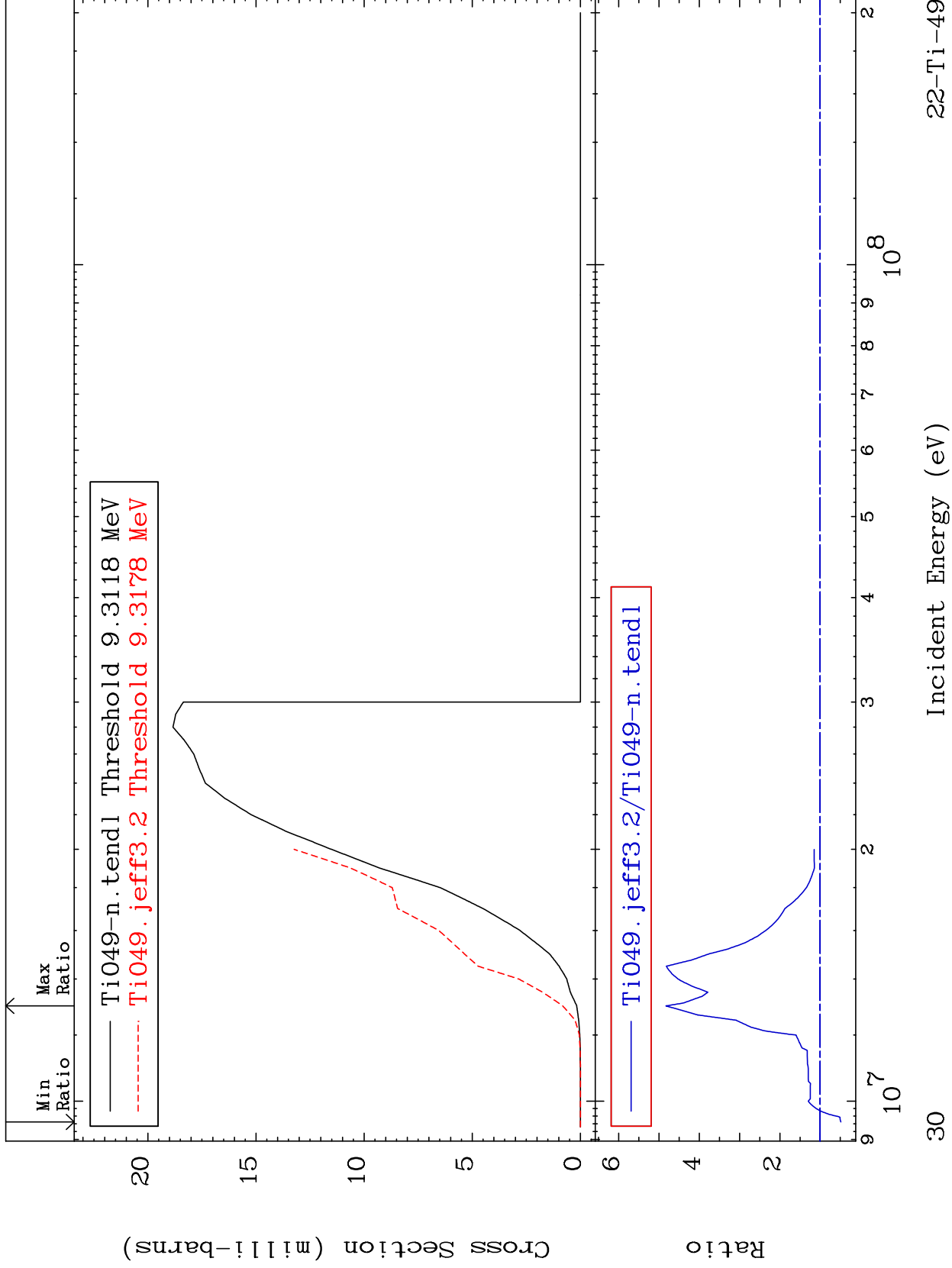


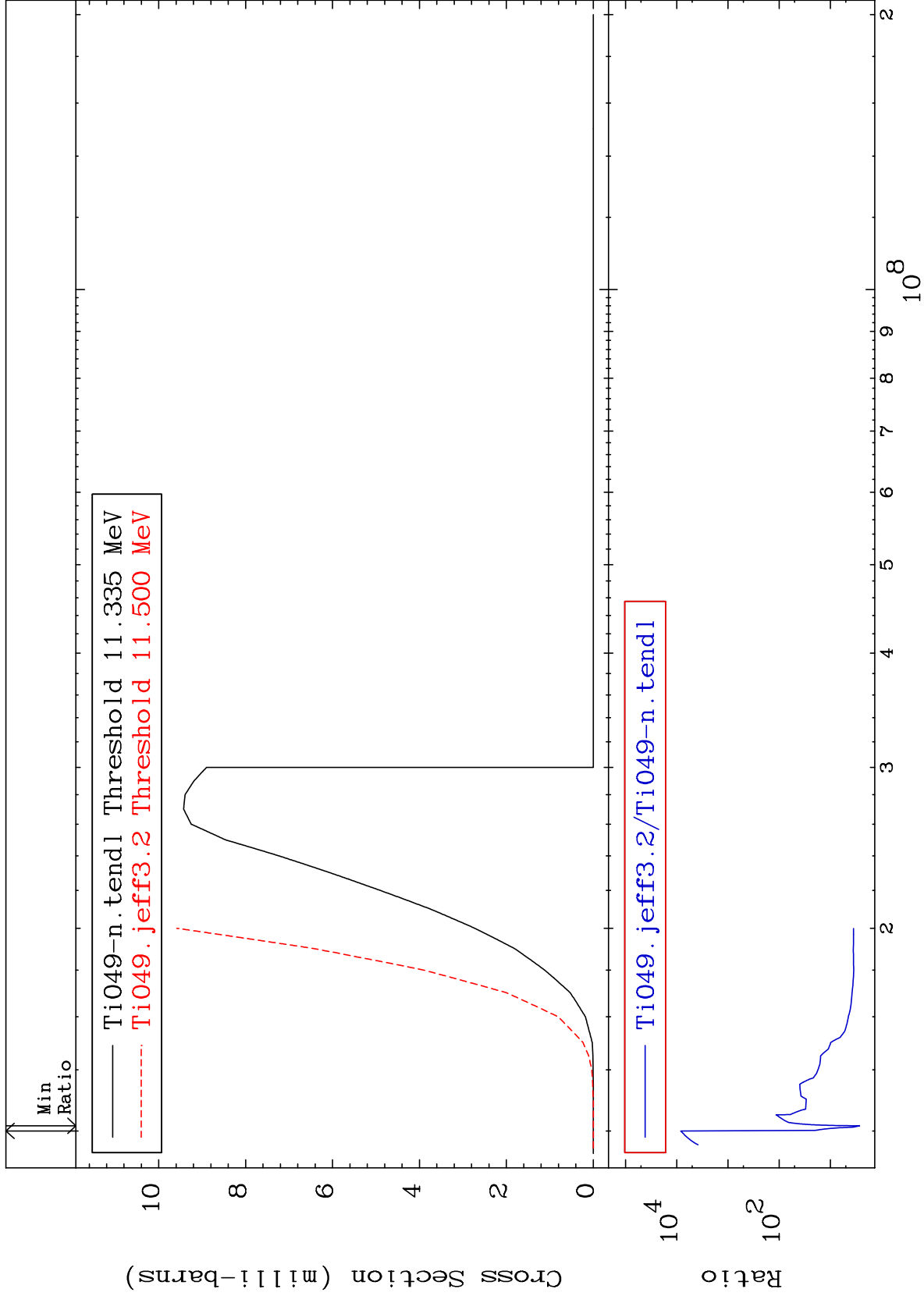


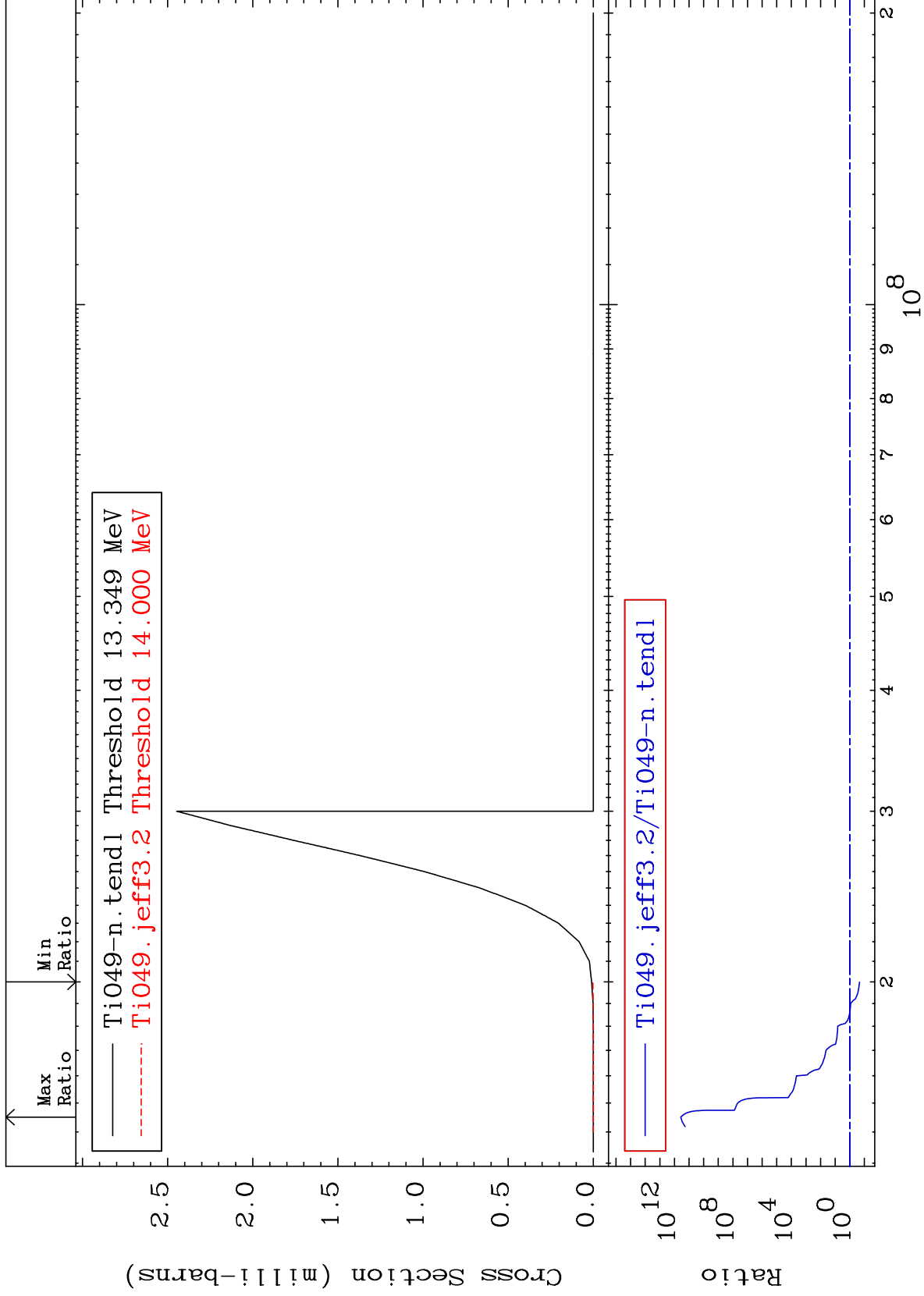
MAT 2234

(n, d)
Cross Section

22-Ti-49
-51.34 To 382.7 %

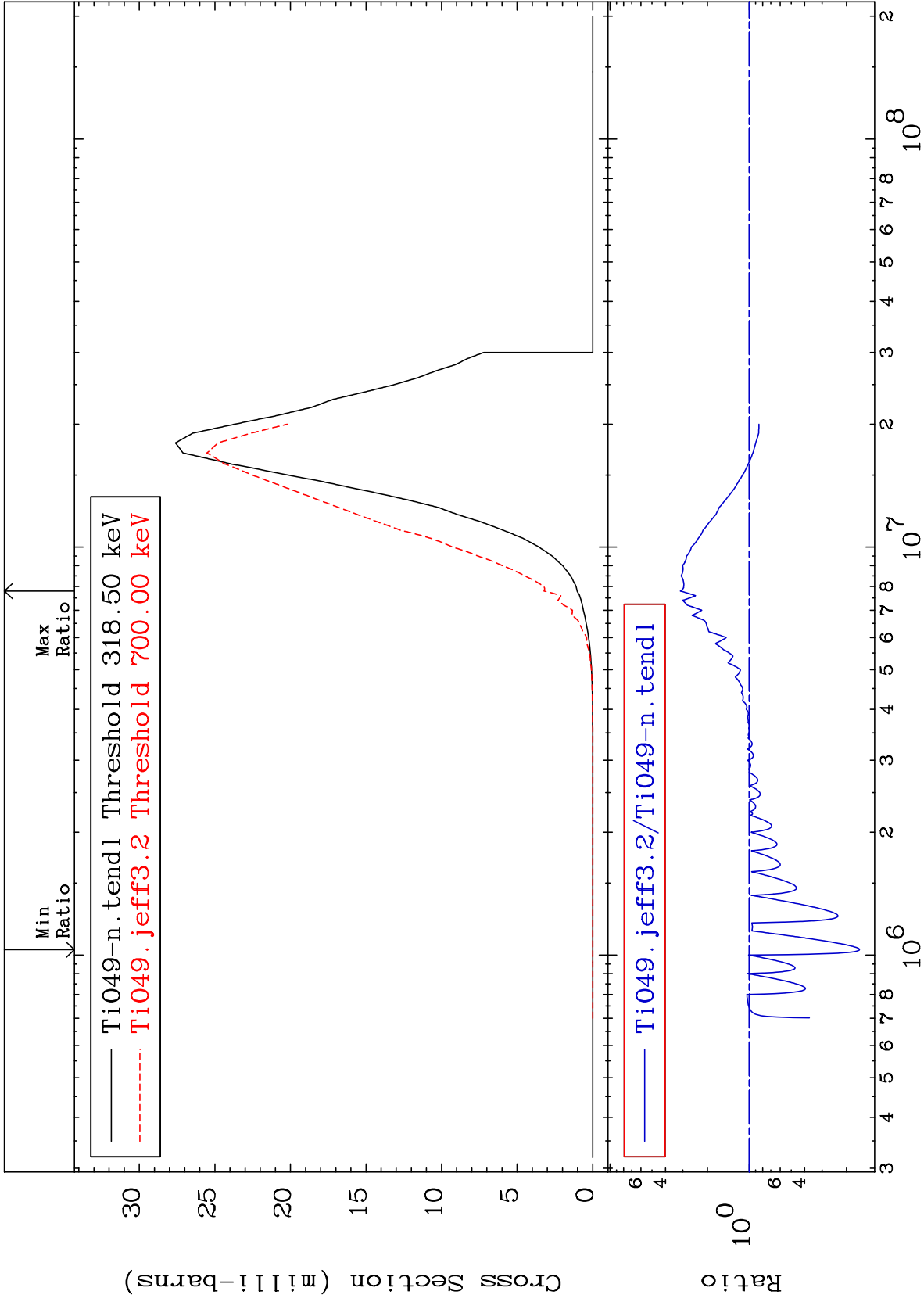


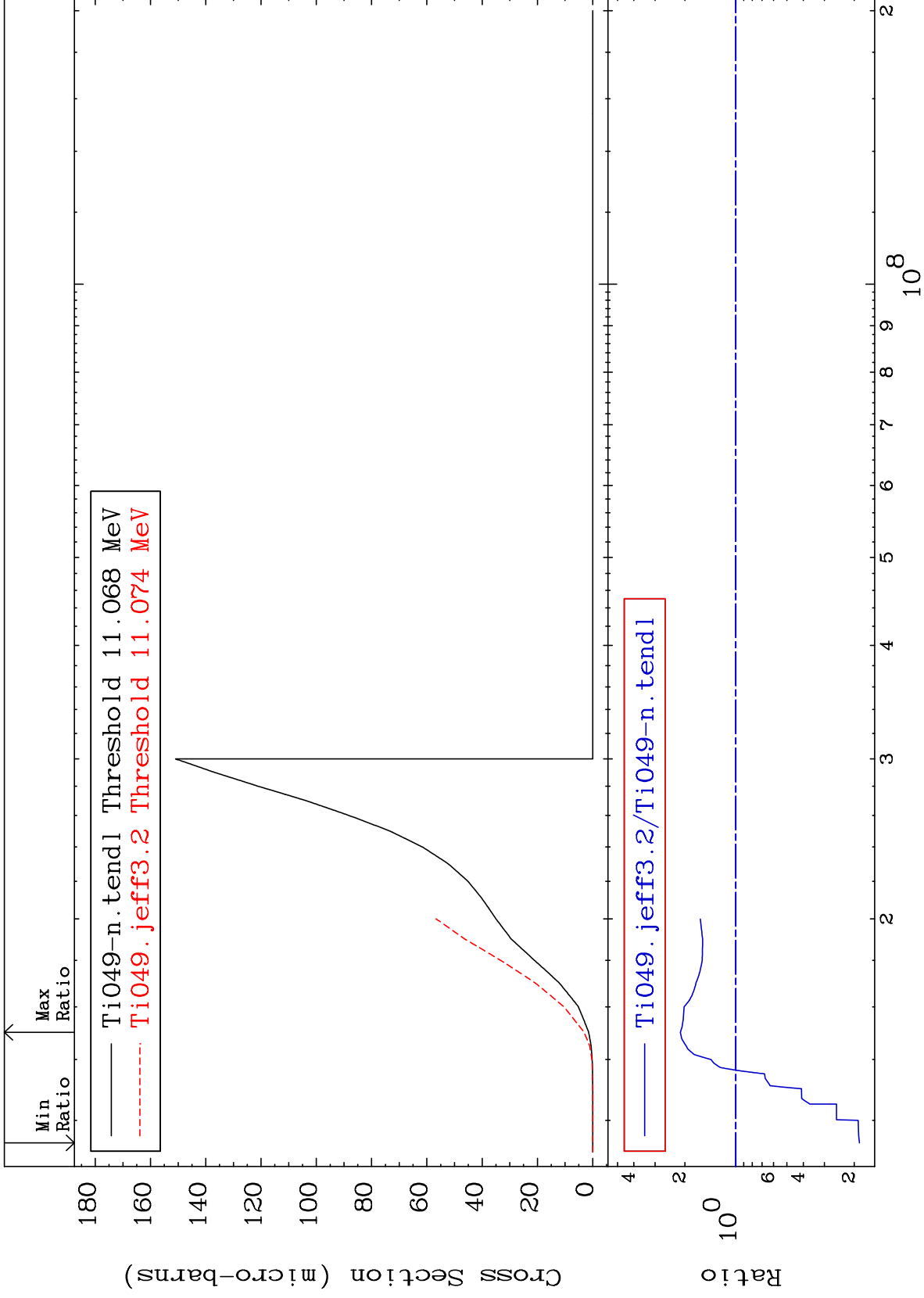


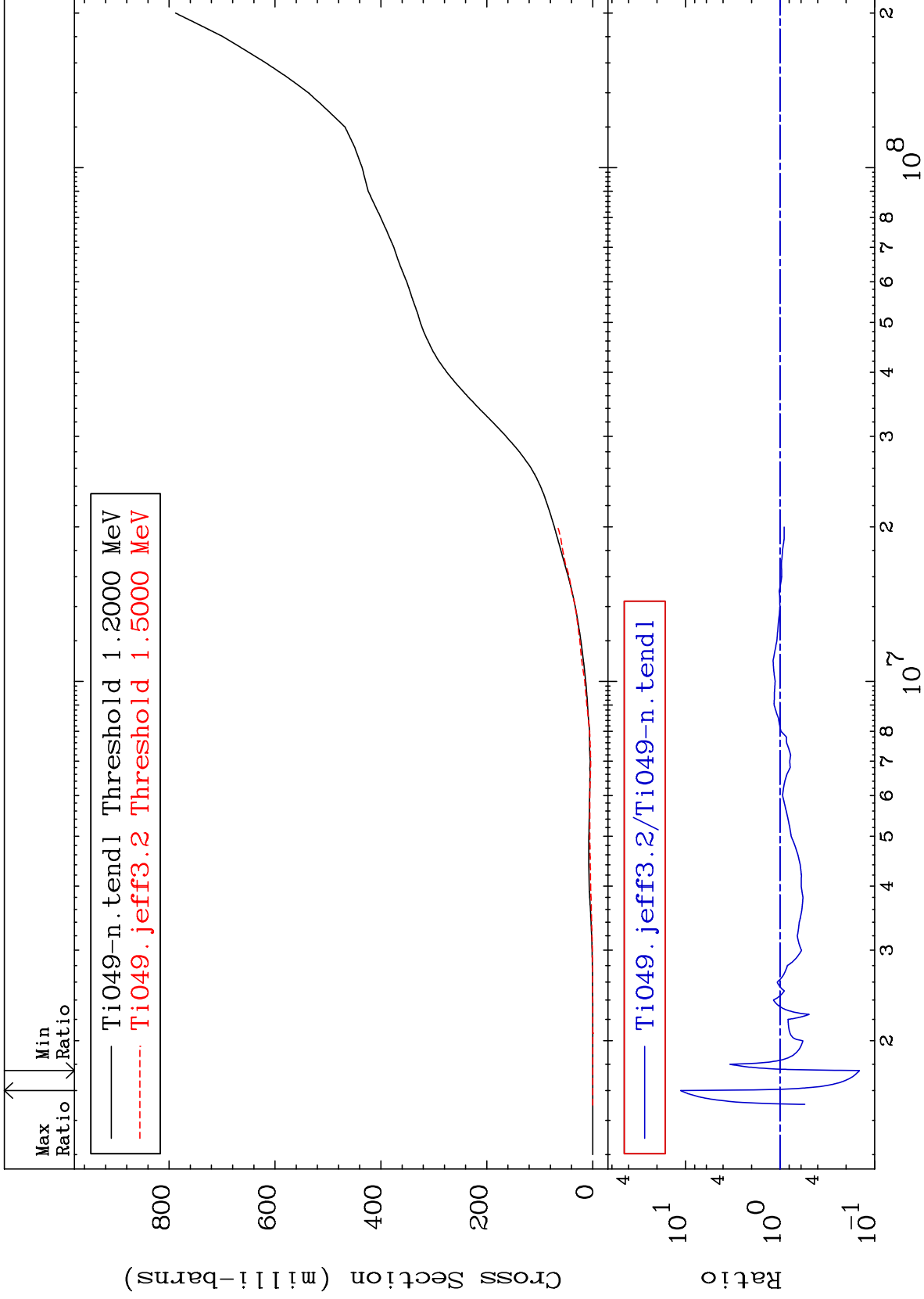


MAT 2234

(n, α) Cross Section
22-Ti-49
-83.84 To 212.7 %



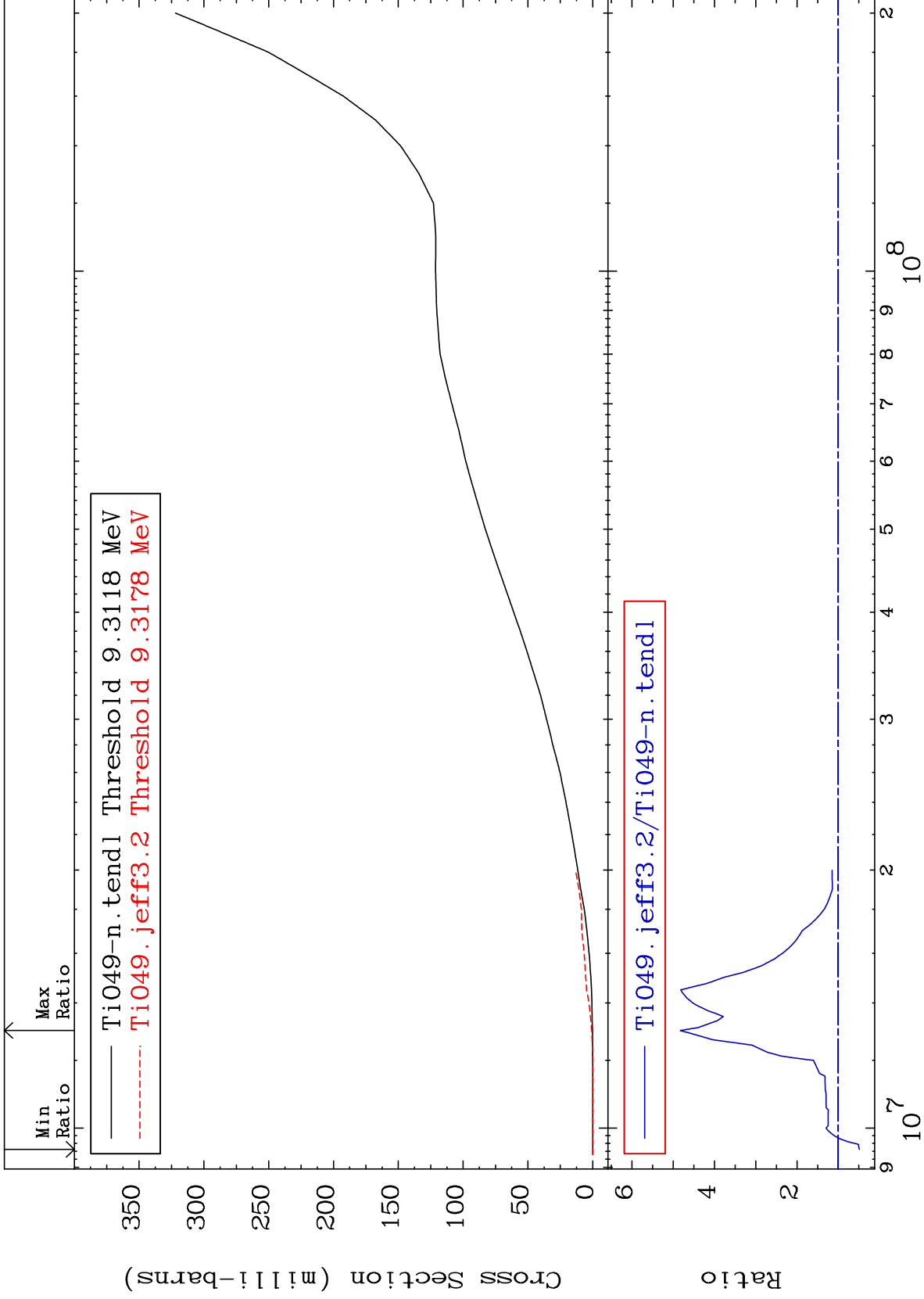




MAT 2234

Deuterium Production
Cross Section

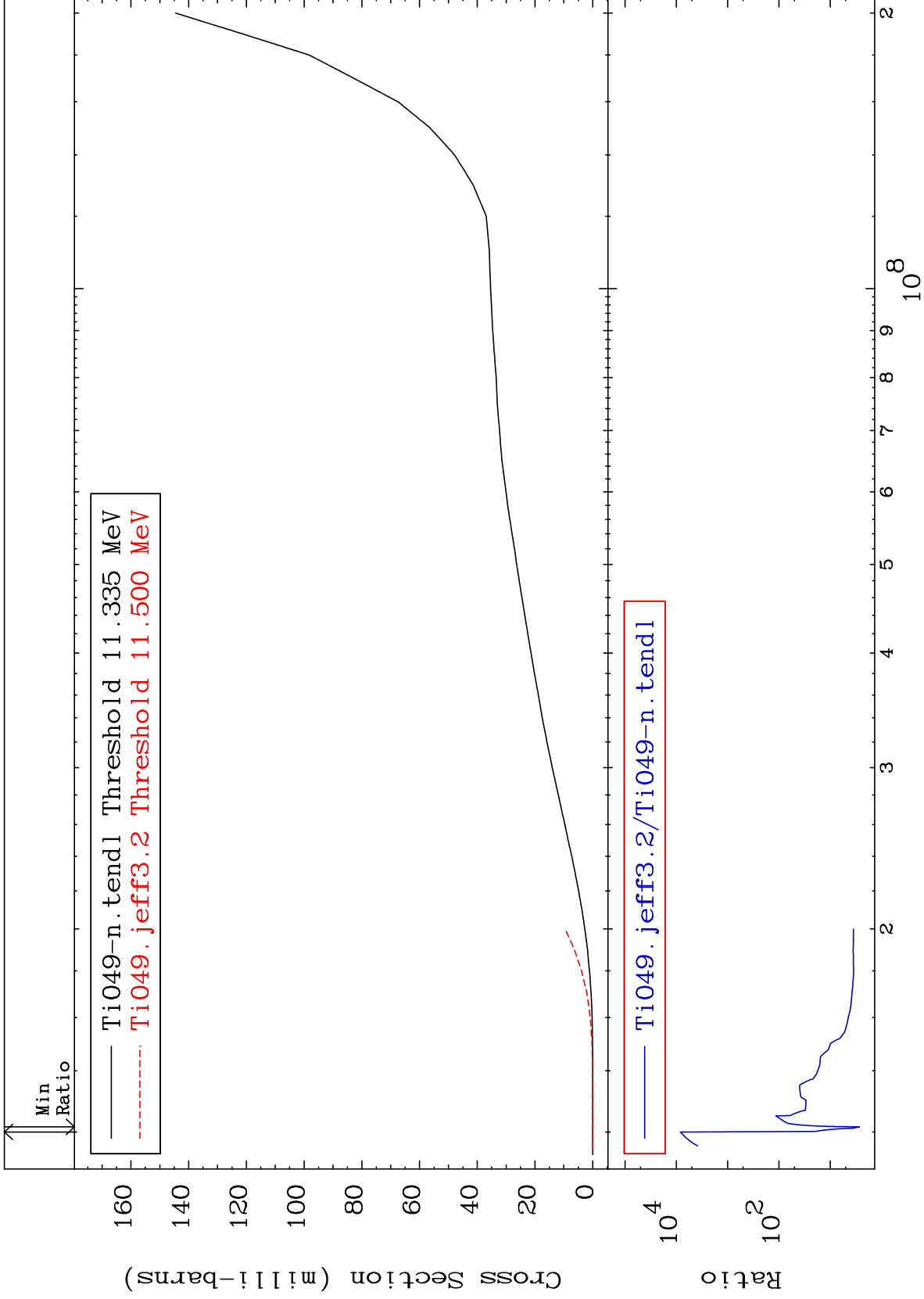
²²Ti-49
-51.34 To 382.7 %

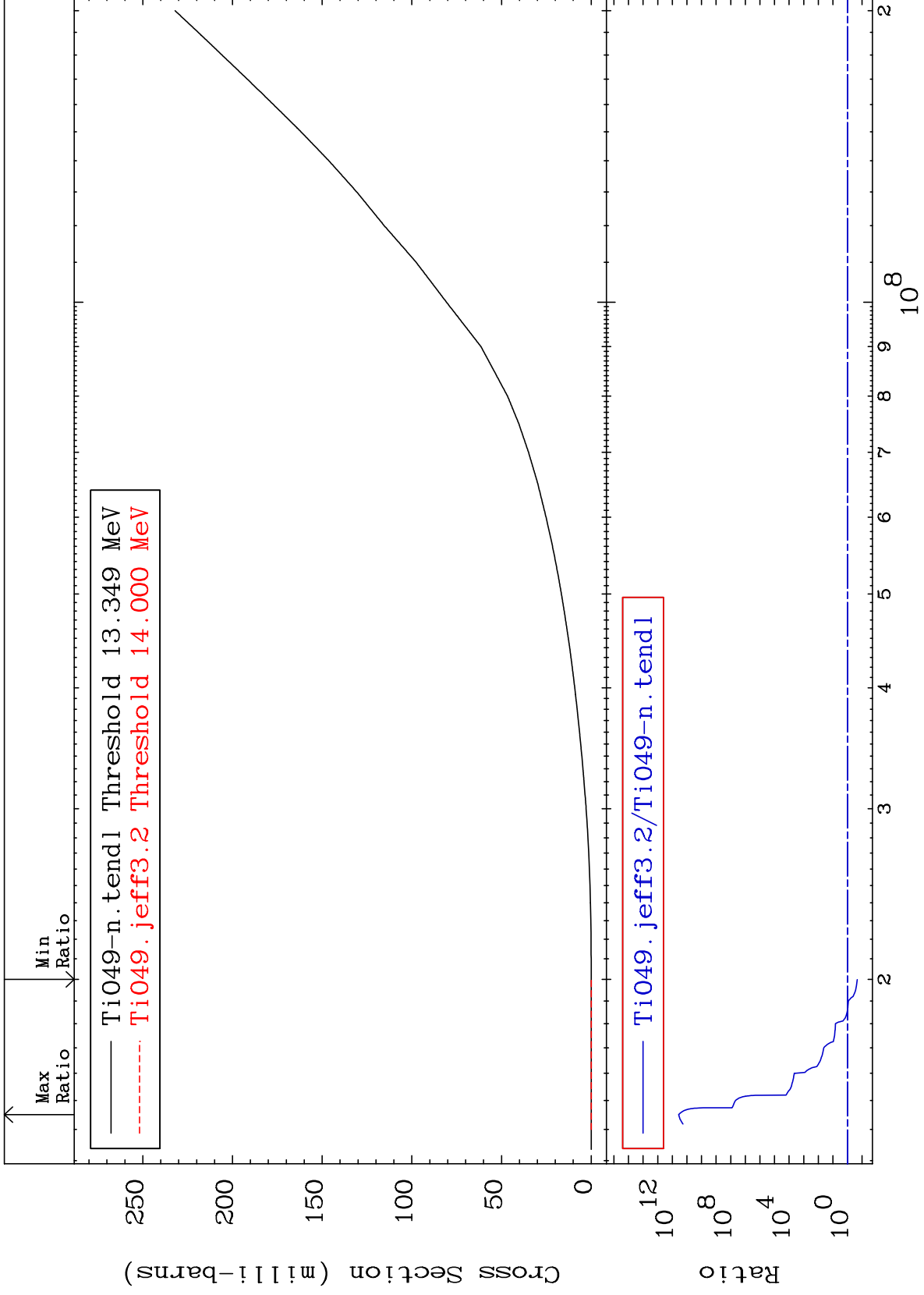


36

Incident Energy (eV)

²²Ti-49

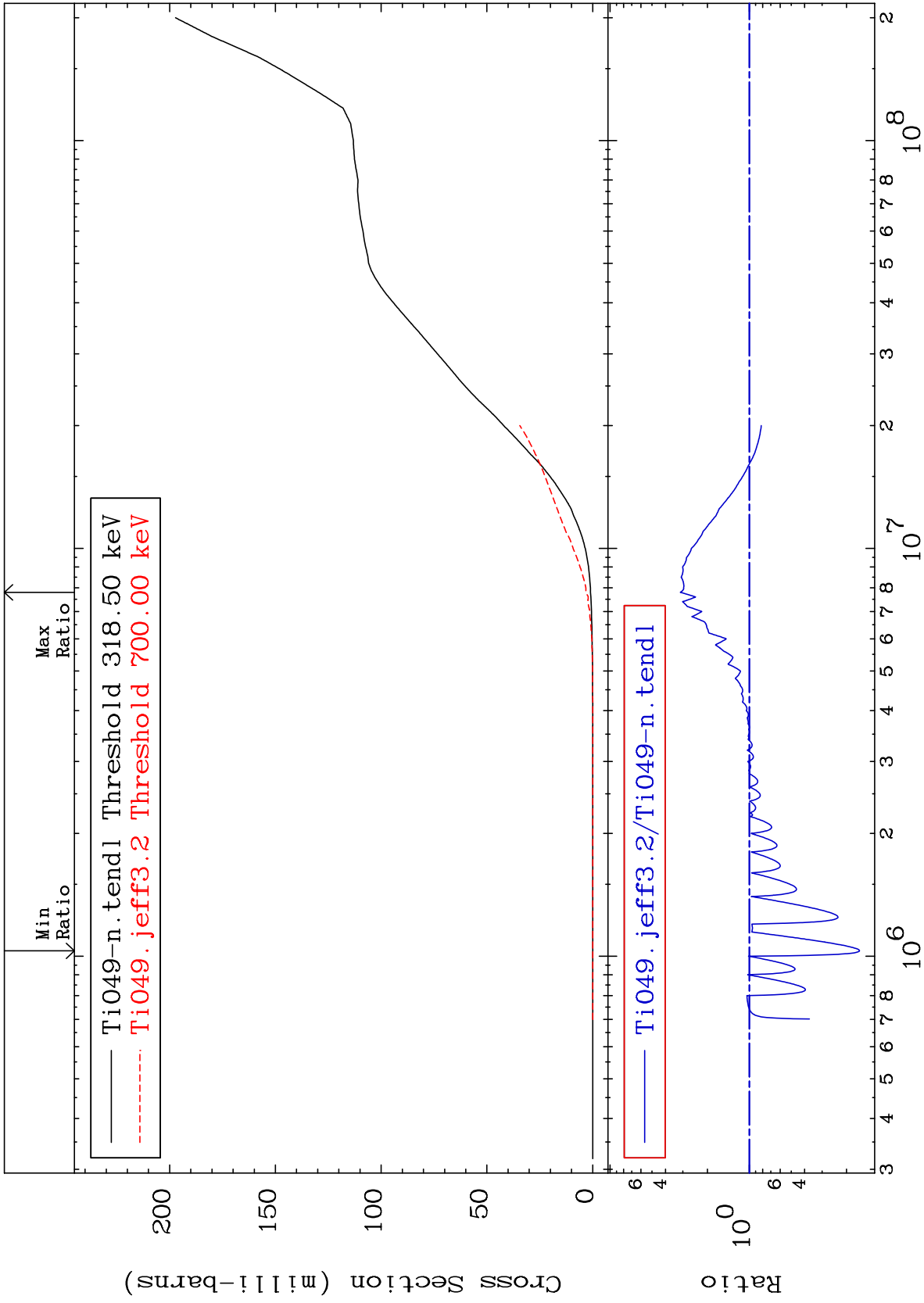




MAT 2234

He-4 Production
Cross Section

²²Ti-49
-83.84 To 212.7 %



39

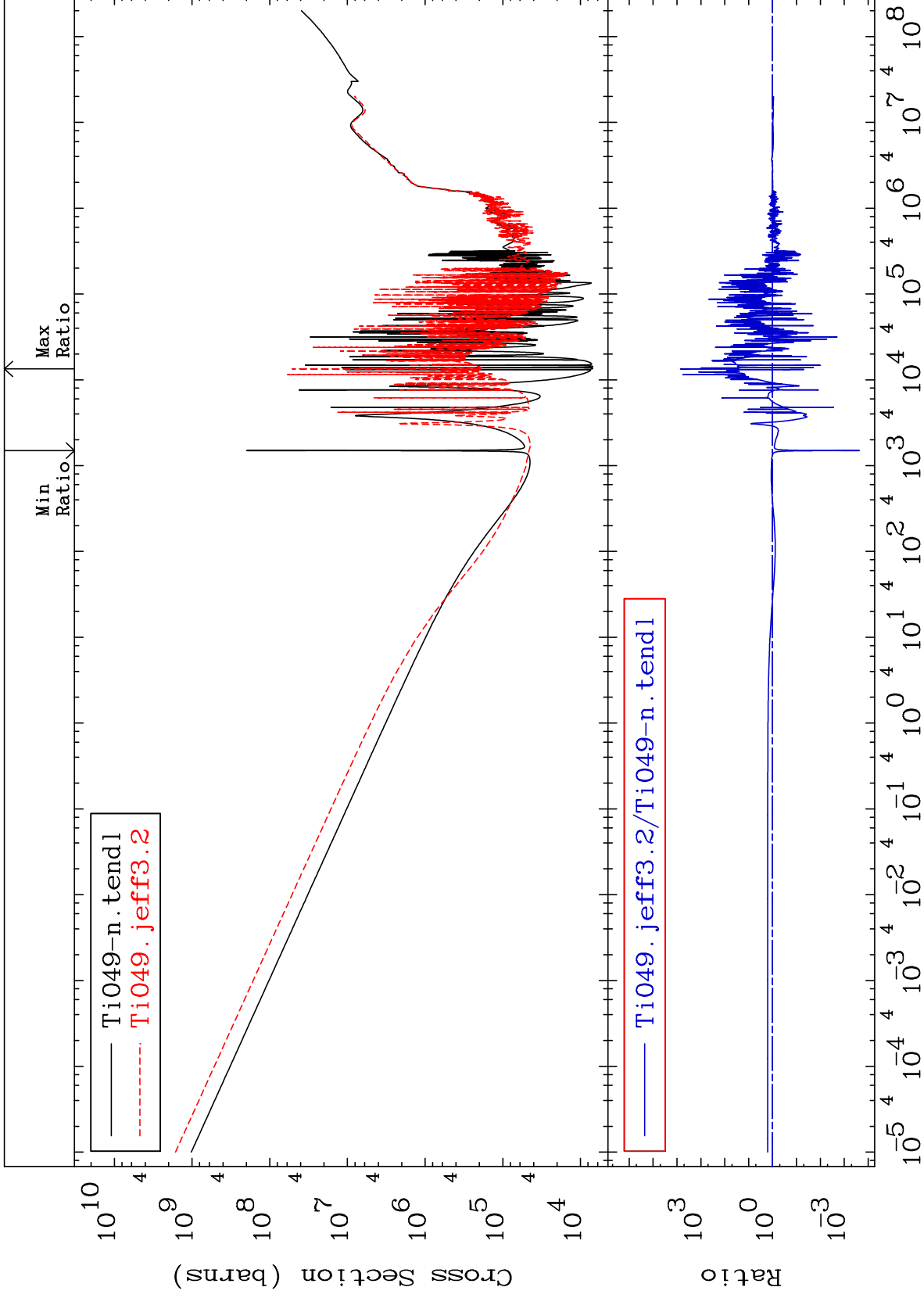
Incident Energy (eV)

²²Ti-49

MAT 2234

Kerma total (eV-barns)
Cross Section

22-Ti-49
-99.98 To 9999. %



40

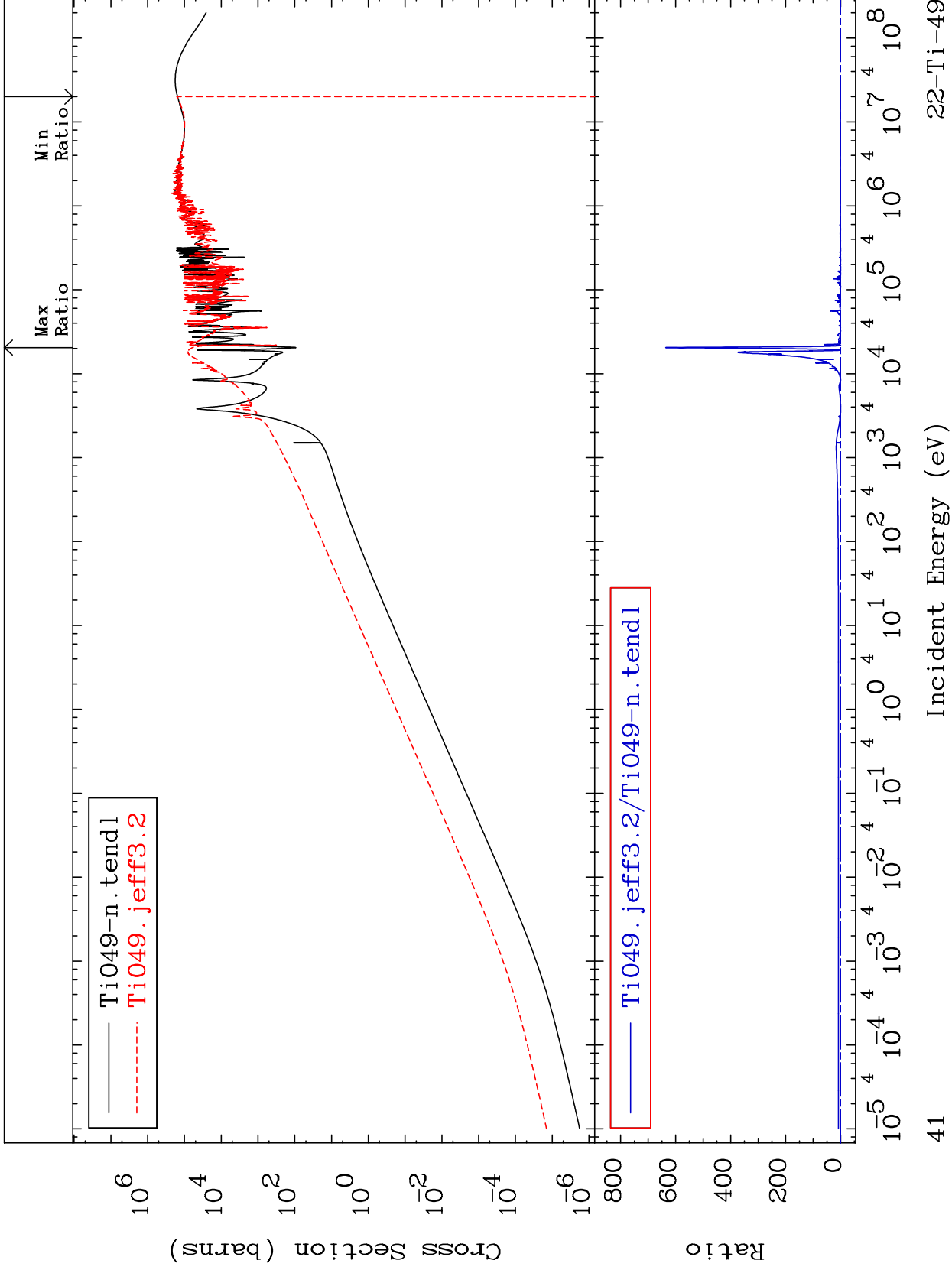
Incident Energy (eV)

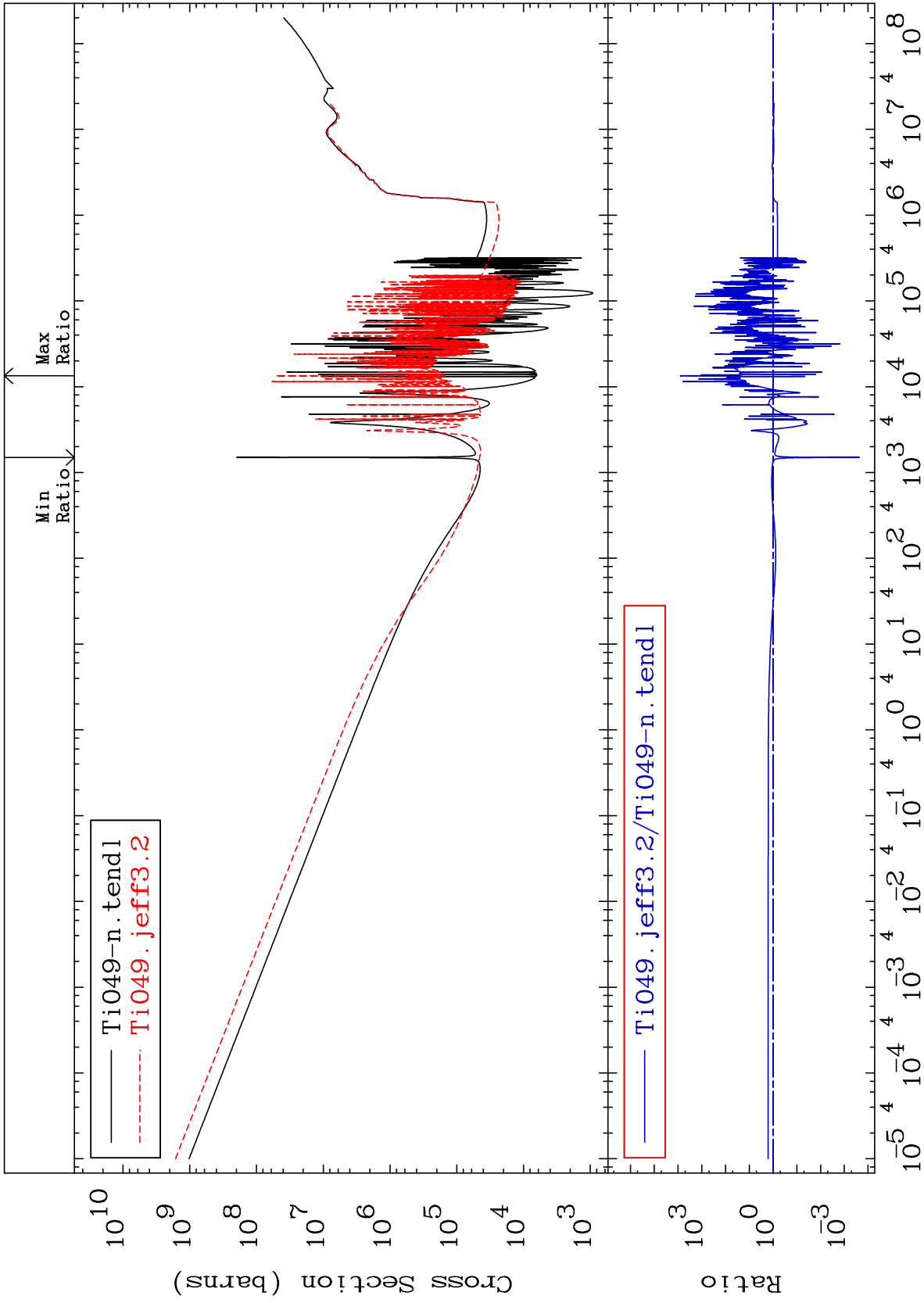
22-Ti-49

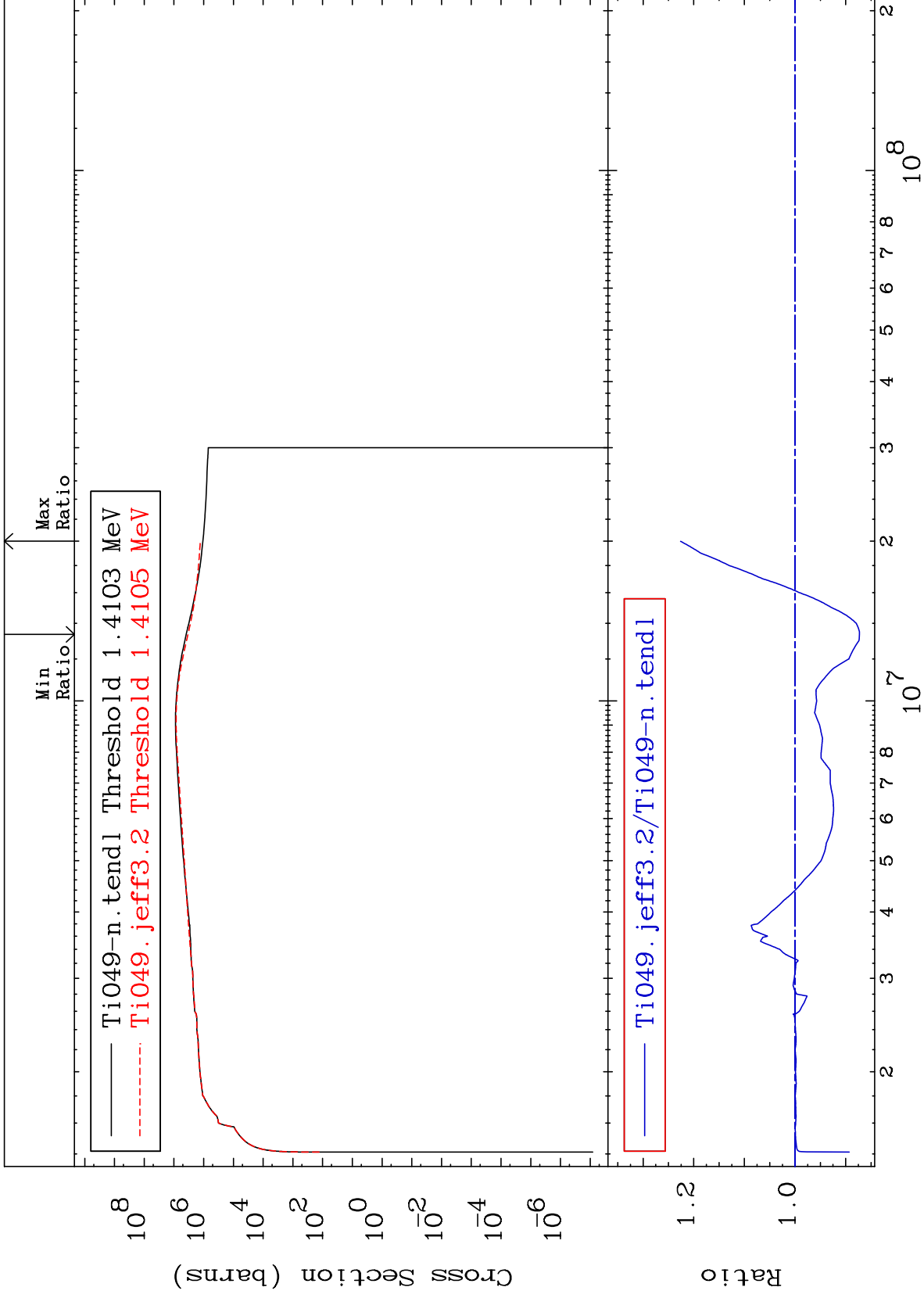
MAT 2234

Kerma elastic
Cross Section

22-Ti-49
-101.0 To 9999. %



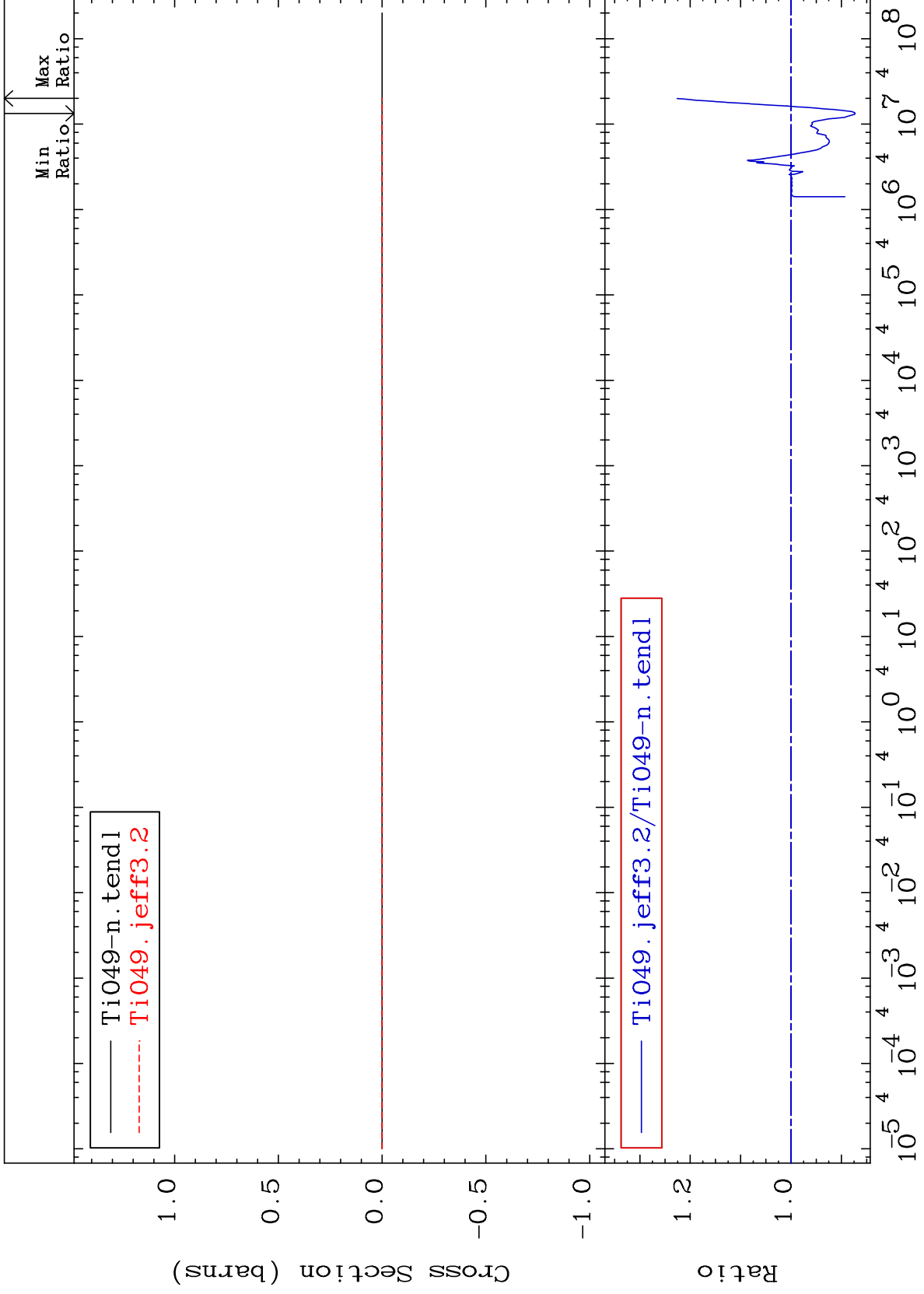




MAT 2234

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

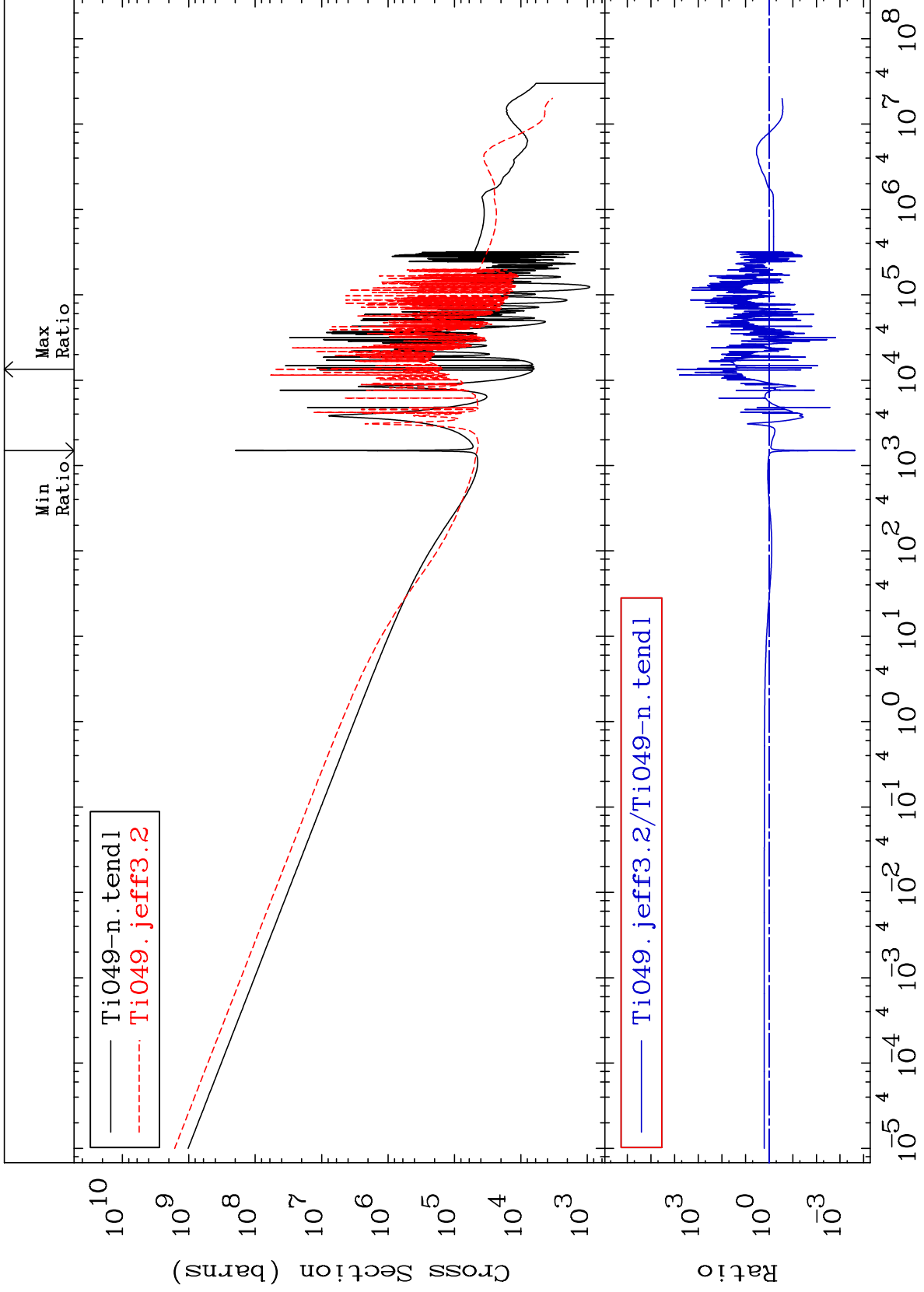
22-Ti-49
-12.71 To 22.64 %



MAT 2234

Kerma capture (mt102)
Cross Section

22-Ti-49
-99.98 To 9999. %



45

Incident Energy (eV)

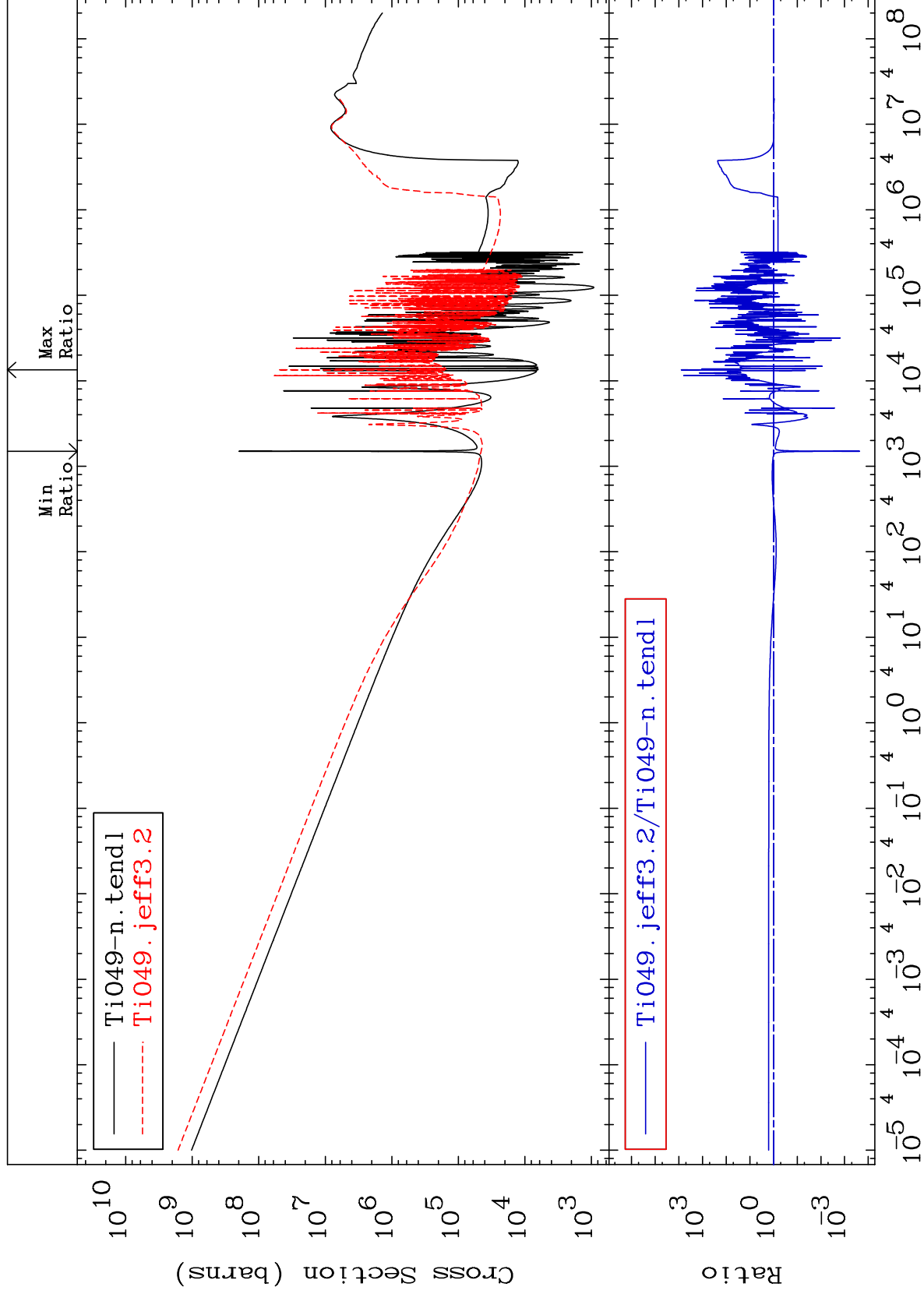
22-Ti-49

MAT 2234

Total photon (eV-barns)
Cross Section

22-Ti-49

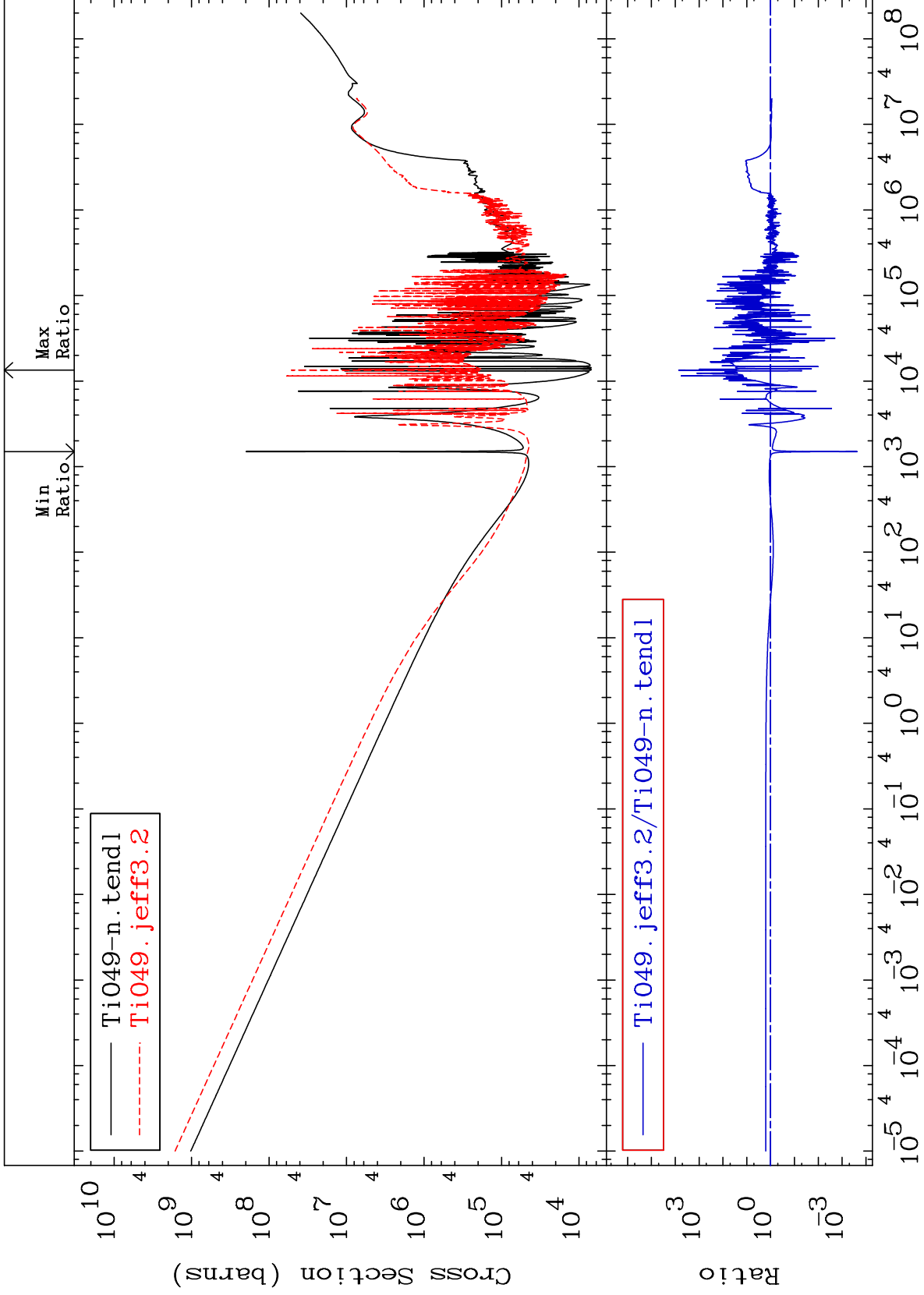
-99.98 To 9999. %



46

Incident Energy (eV)

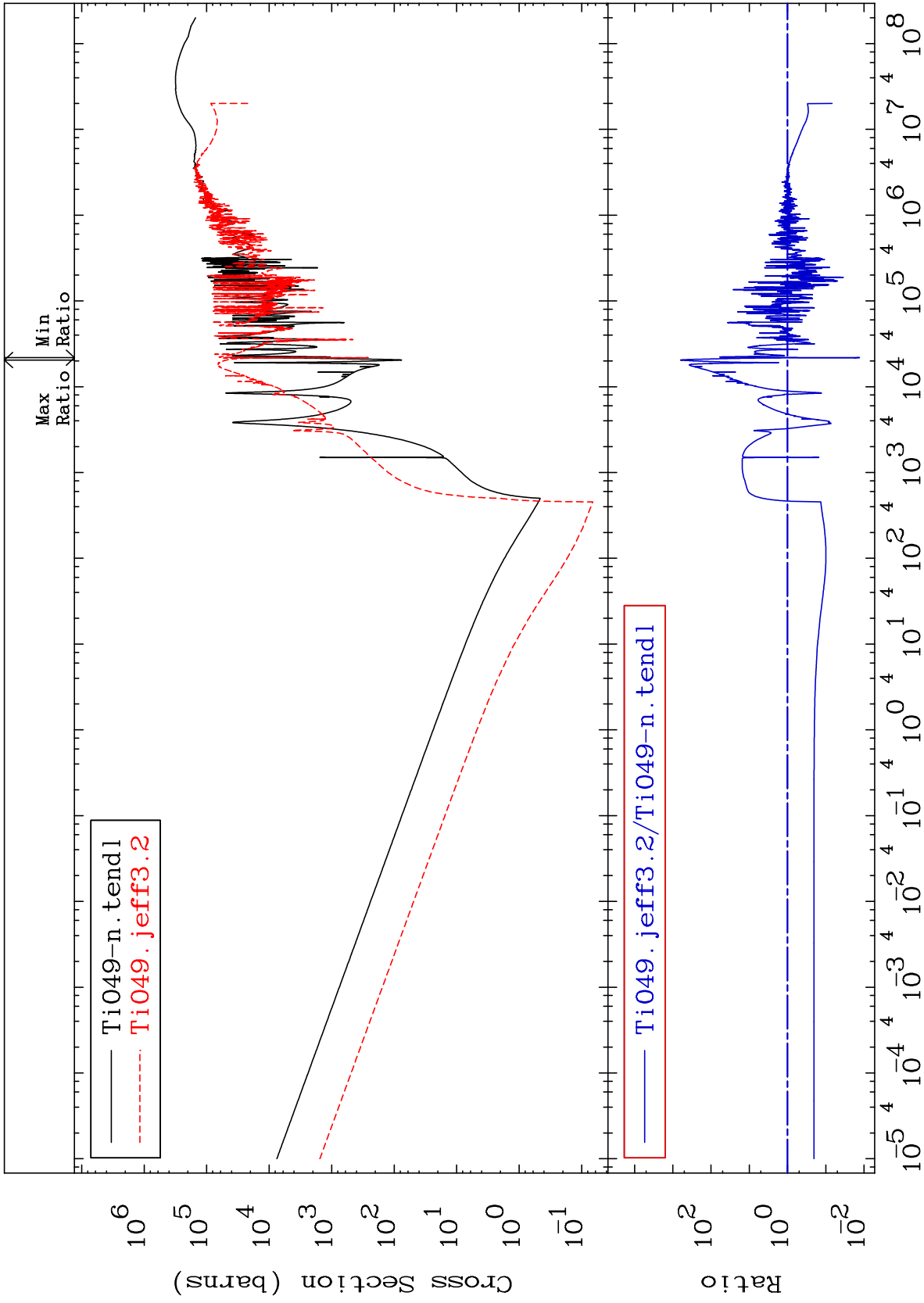
22-Ti-49



MAT 2234

Dpa total (eV-barns)
Cross Section

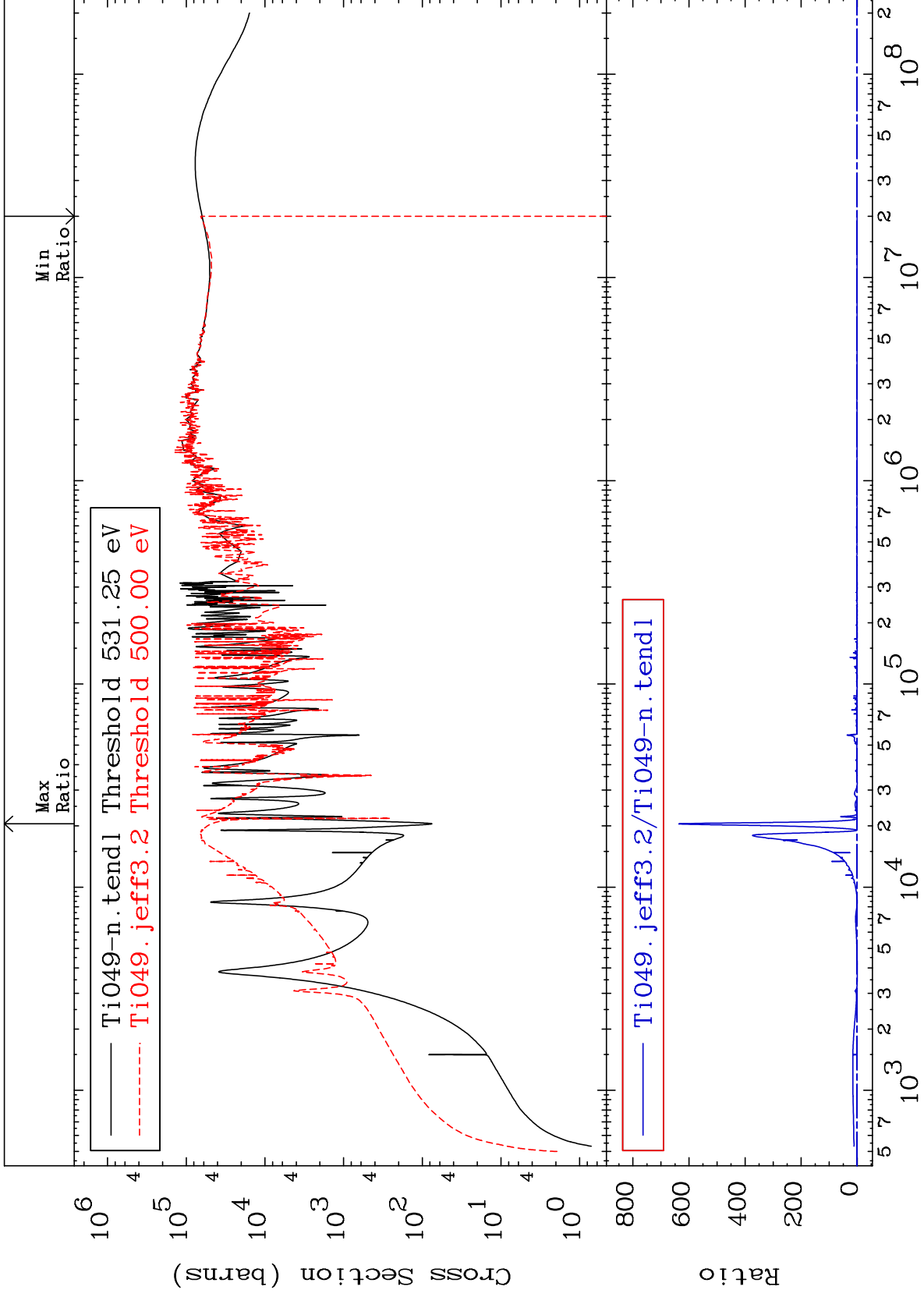
22-Ti-49
-98.68 To 9999. %



MAT 2234

Dpa elastic (mt2)
Cross Section

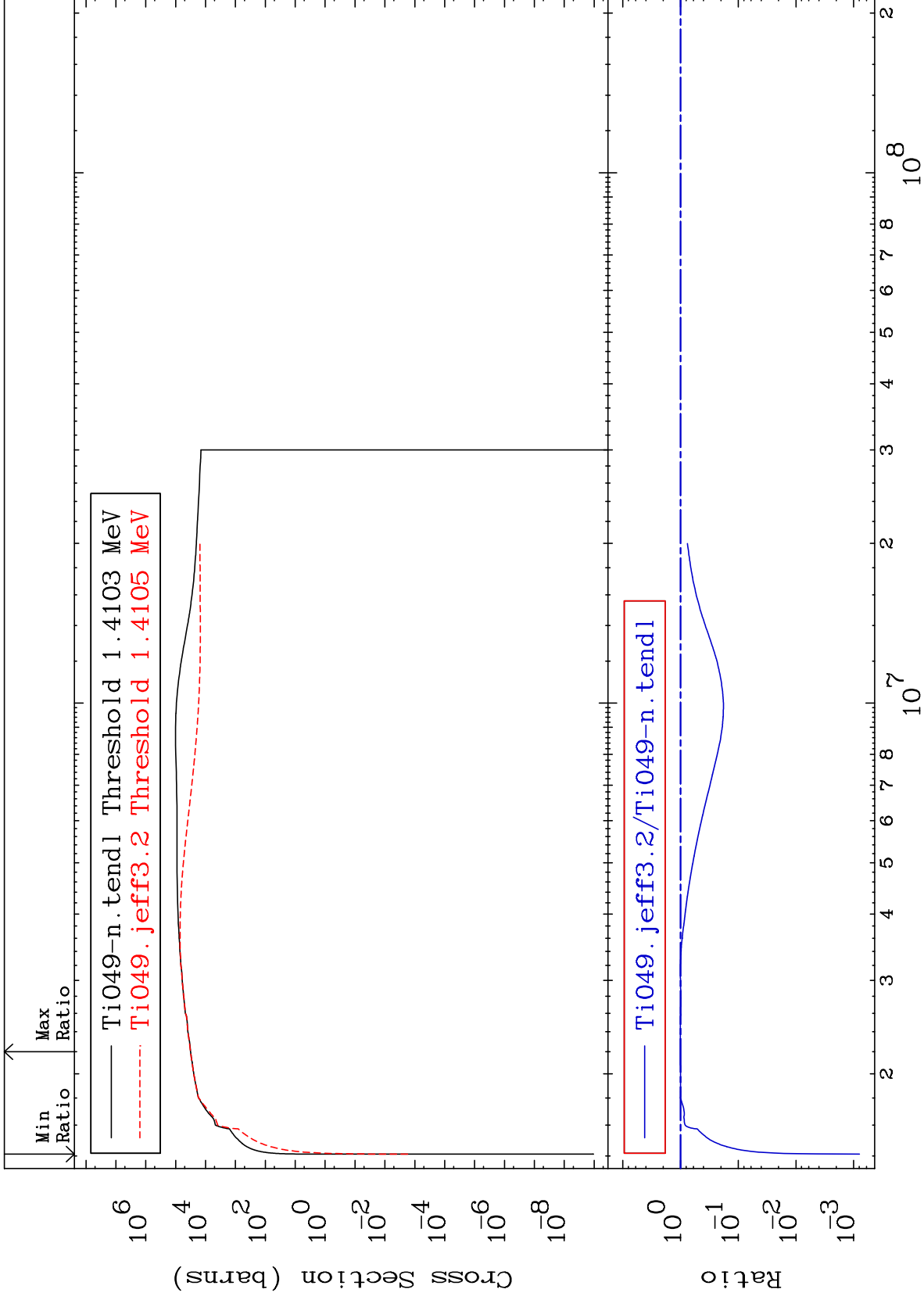
22-Ti-49
-101.0 To 9999. %



49

Incident Energy (eV)

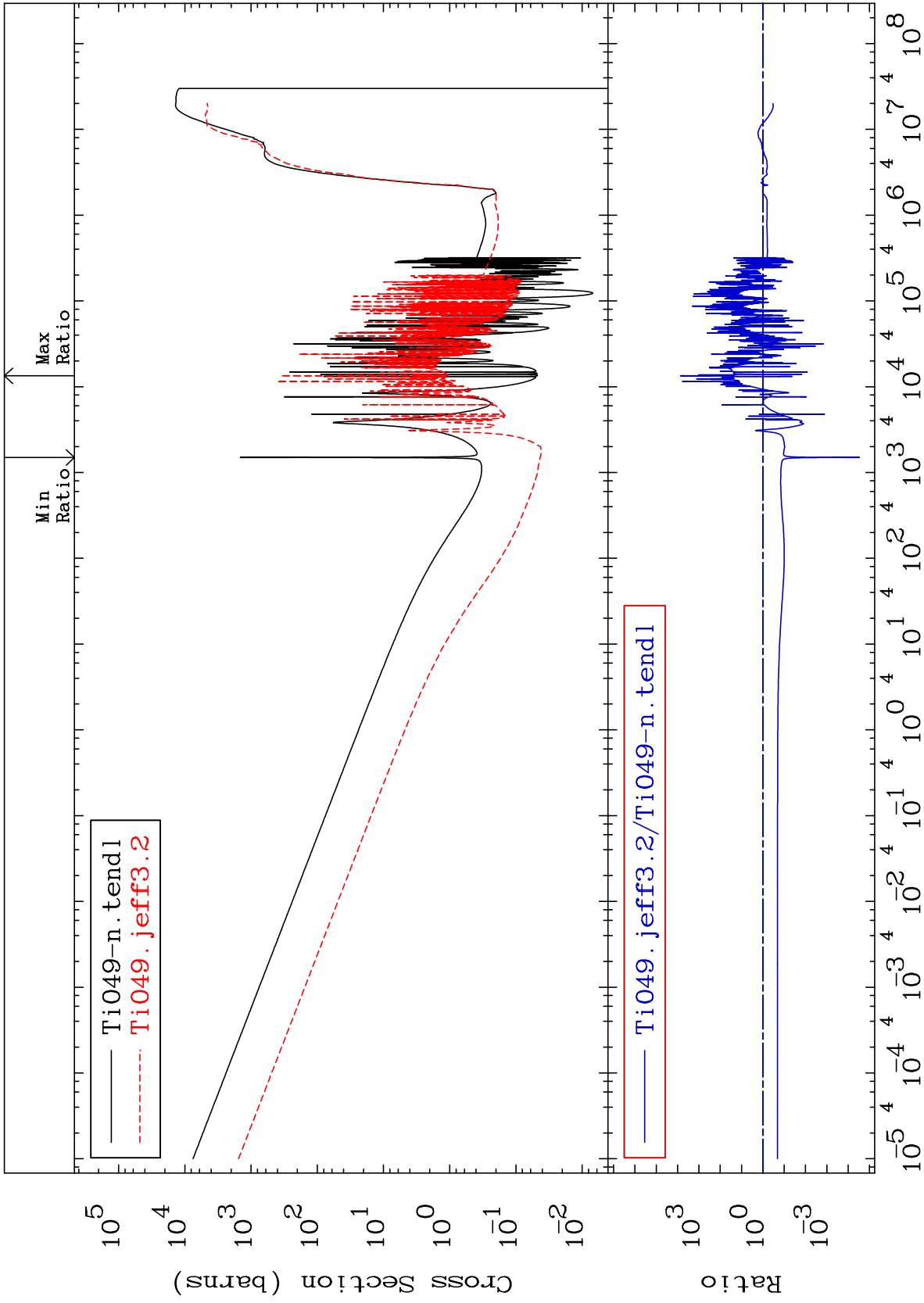
22-Ti-49



MAT 2234

Dpa disappearance (mt102 -120)
Cross Section

22-Ti-49
-100.0 To 9999. %



51

Incident Energy (eV)

22-Ti-49