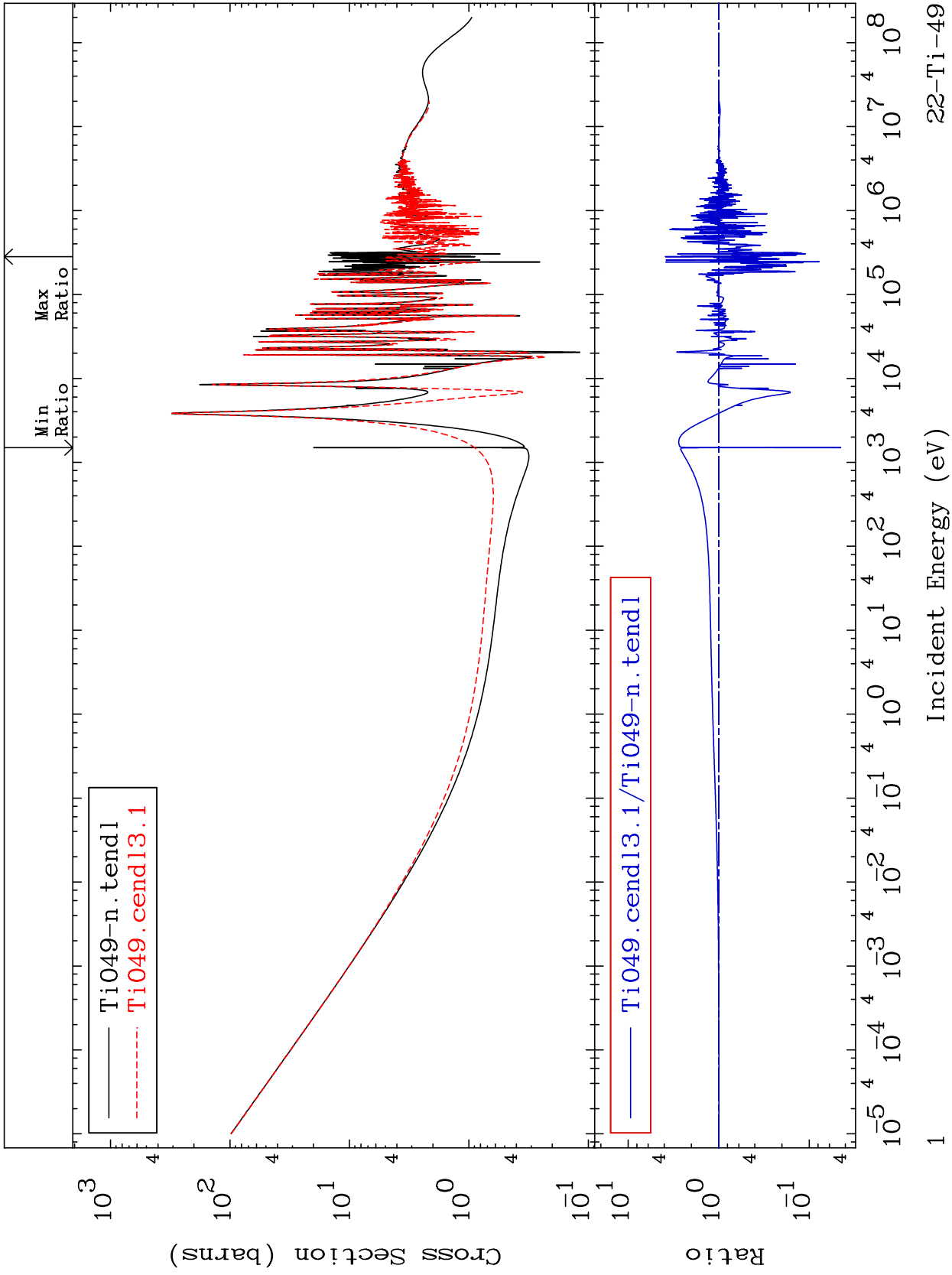


MAT 2234

Total  
Cross Section

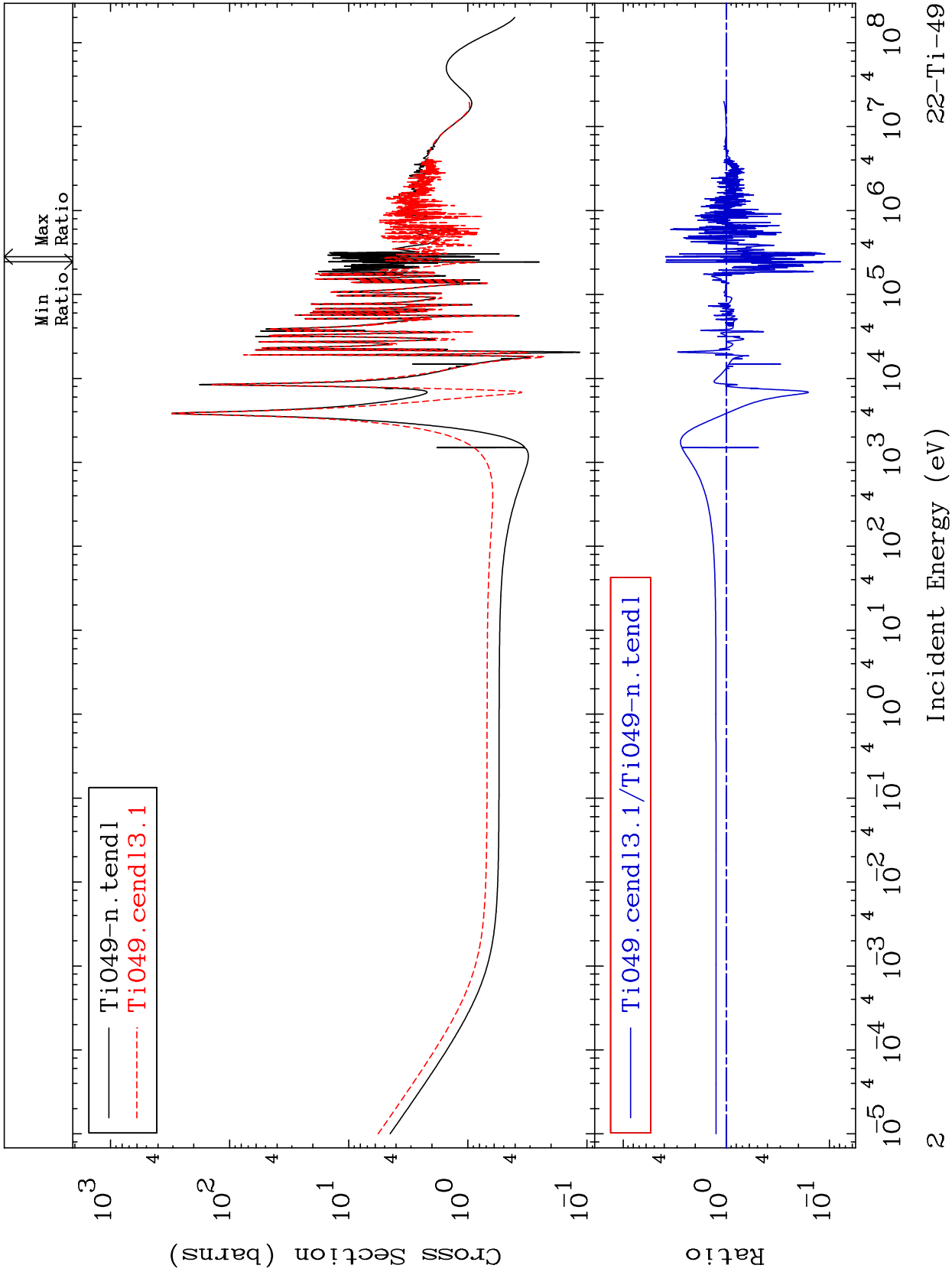
22-Ti-49  
-95.50 To 286.4 %



MAT 2234

Elastic  
Cross Section

22-Ti-49  
-92.23 To 289.3 %



22-Ti-49

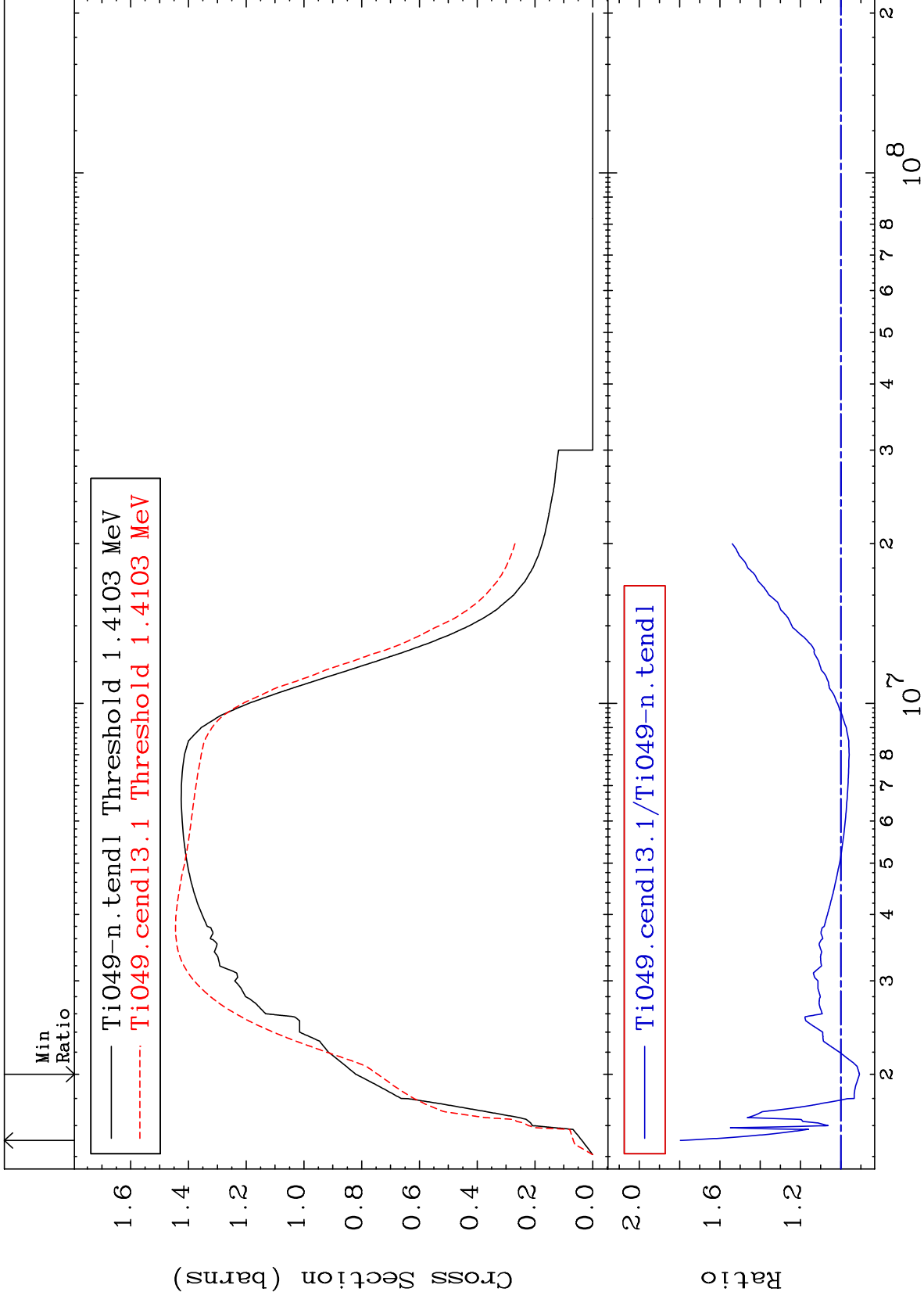
Incident Energy (eV)

2

MAT 2234

Inelastic  
Cross Section

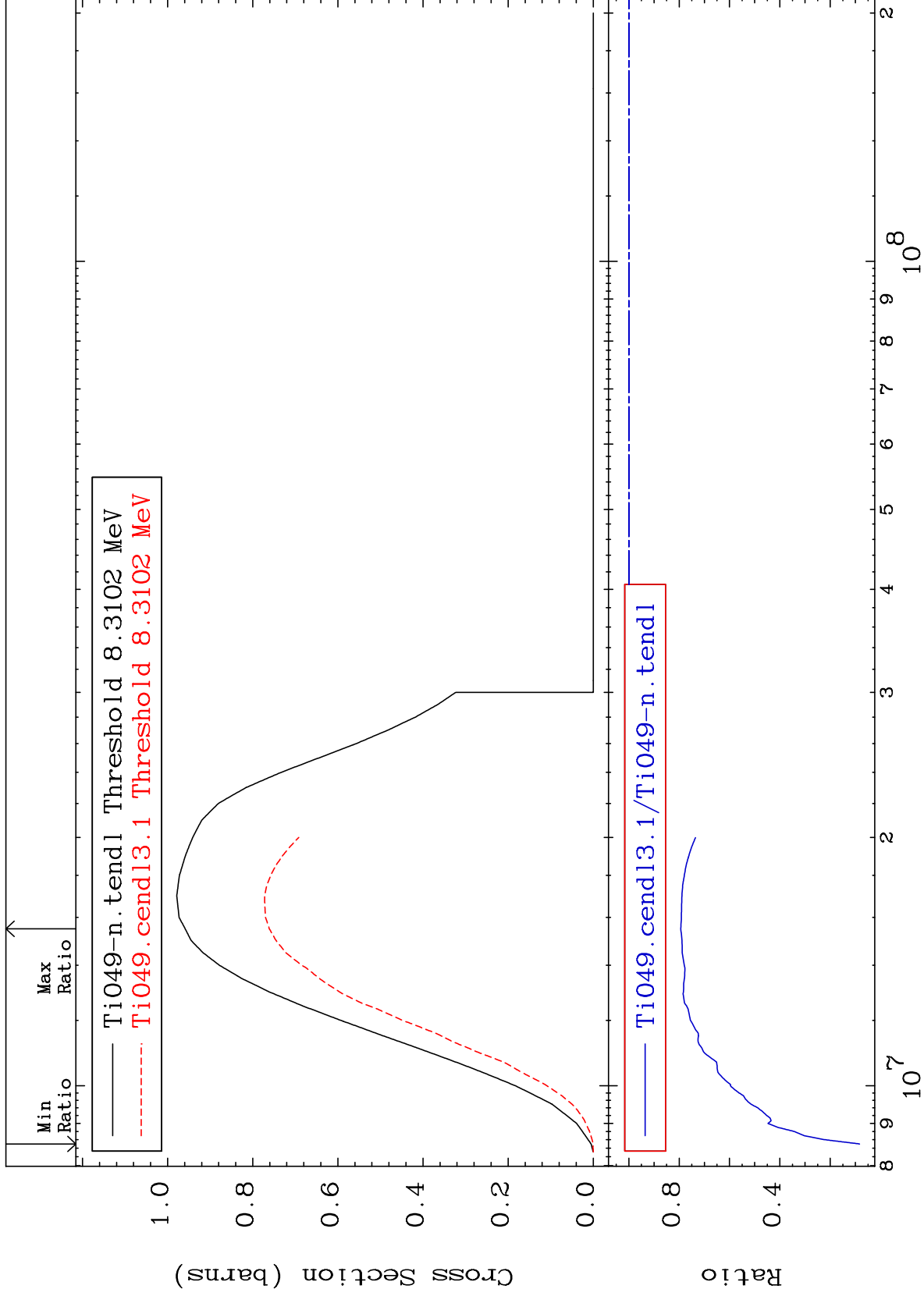
22-Ti-49  
-9.247 To 79.64 %



MAT 2234

(n,2n)  
Cross Section

22-Ti-49  
-91.65 To -20.63%



4

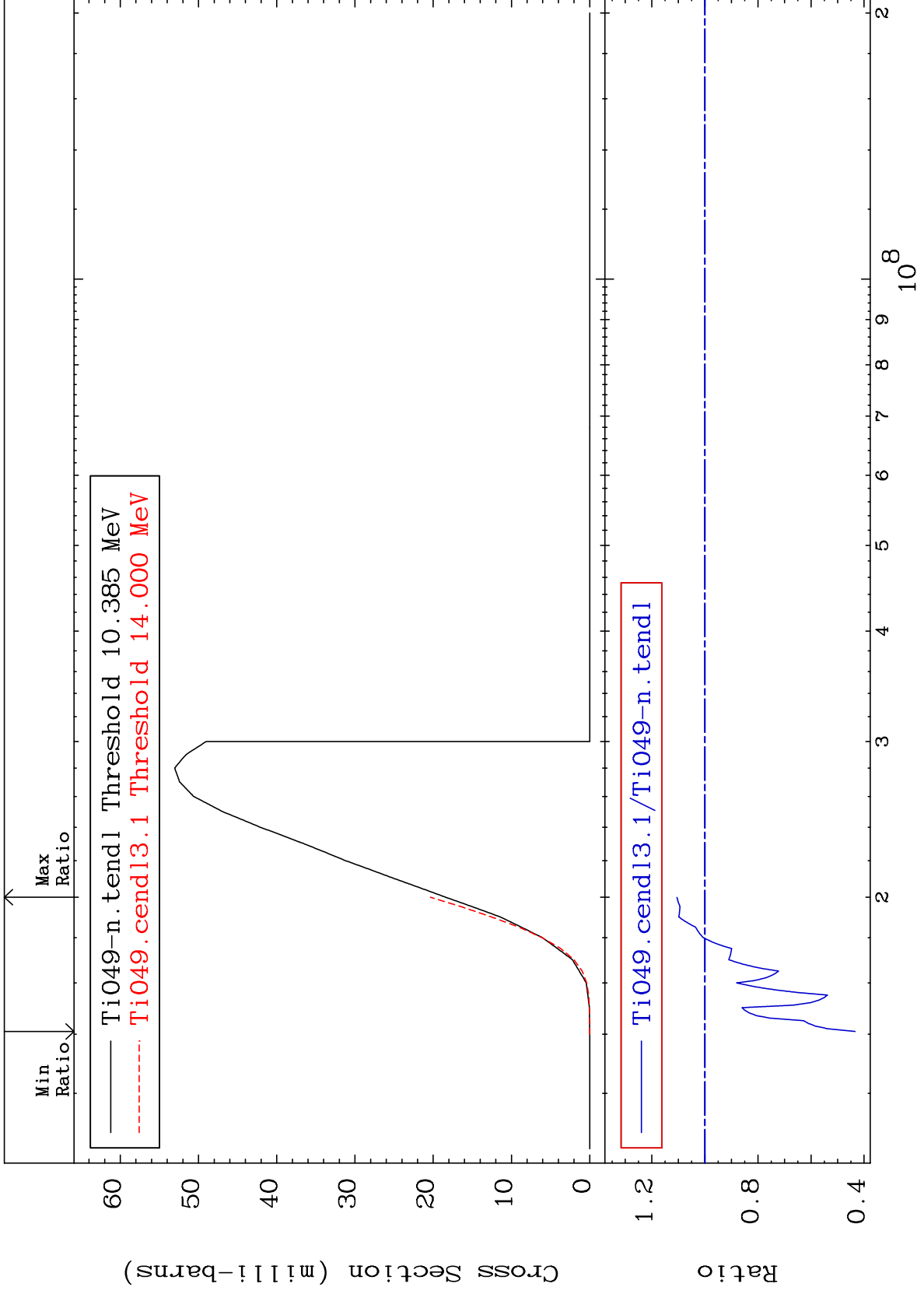
Incident Energy (eV)

22-Ti-49

MAT 2234

(n, n')  $\alpha$   
Cross Section

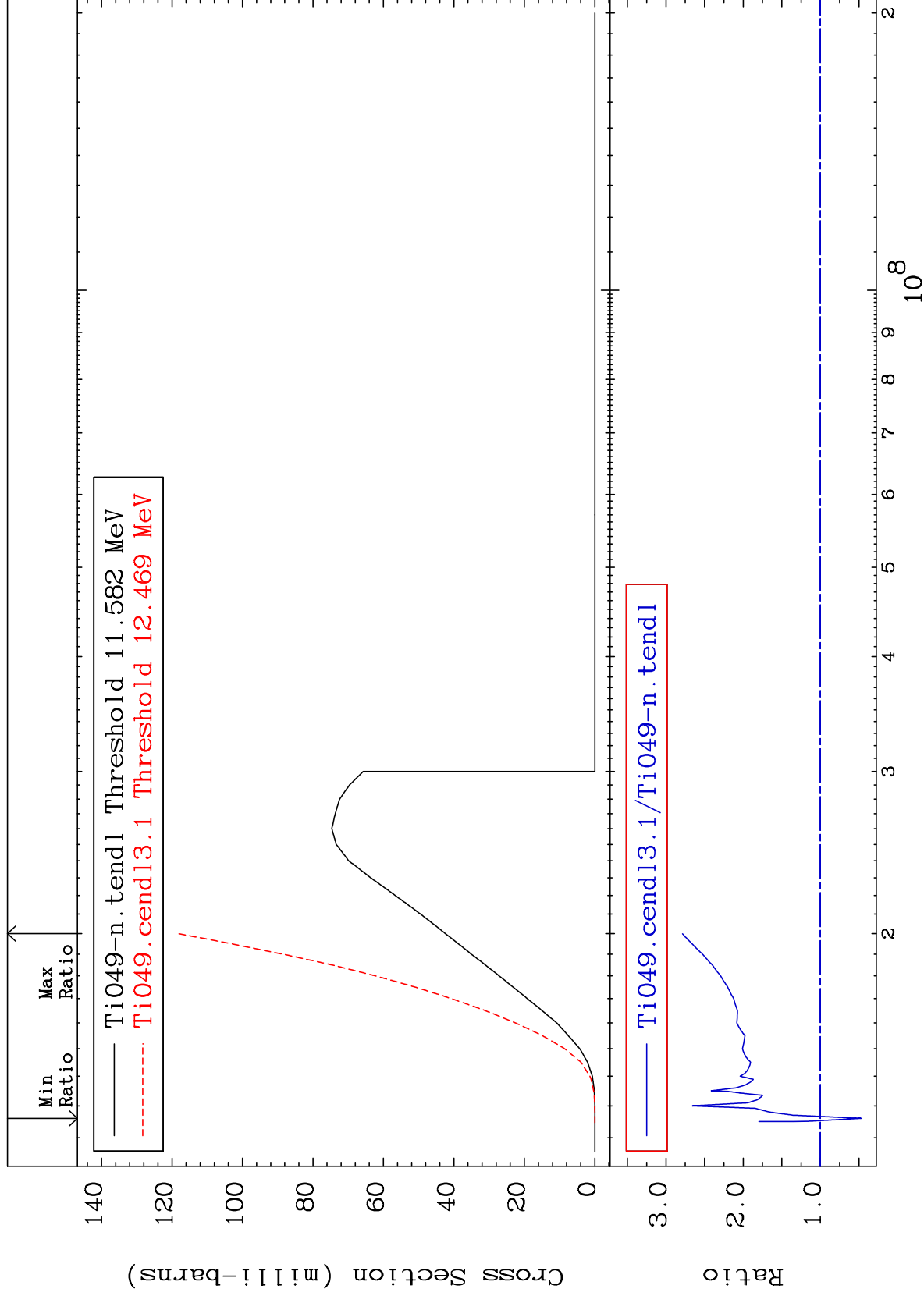
22-Ti-49  
-56.60 To 10.55 %



MAT 2234

(n, n') p  
Cross Section

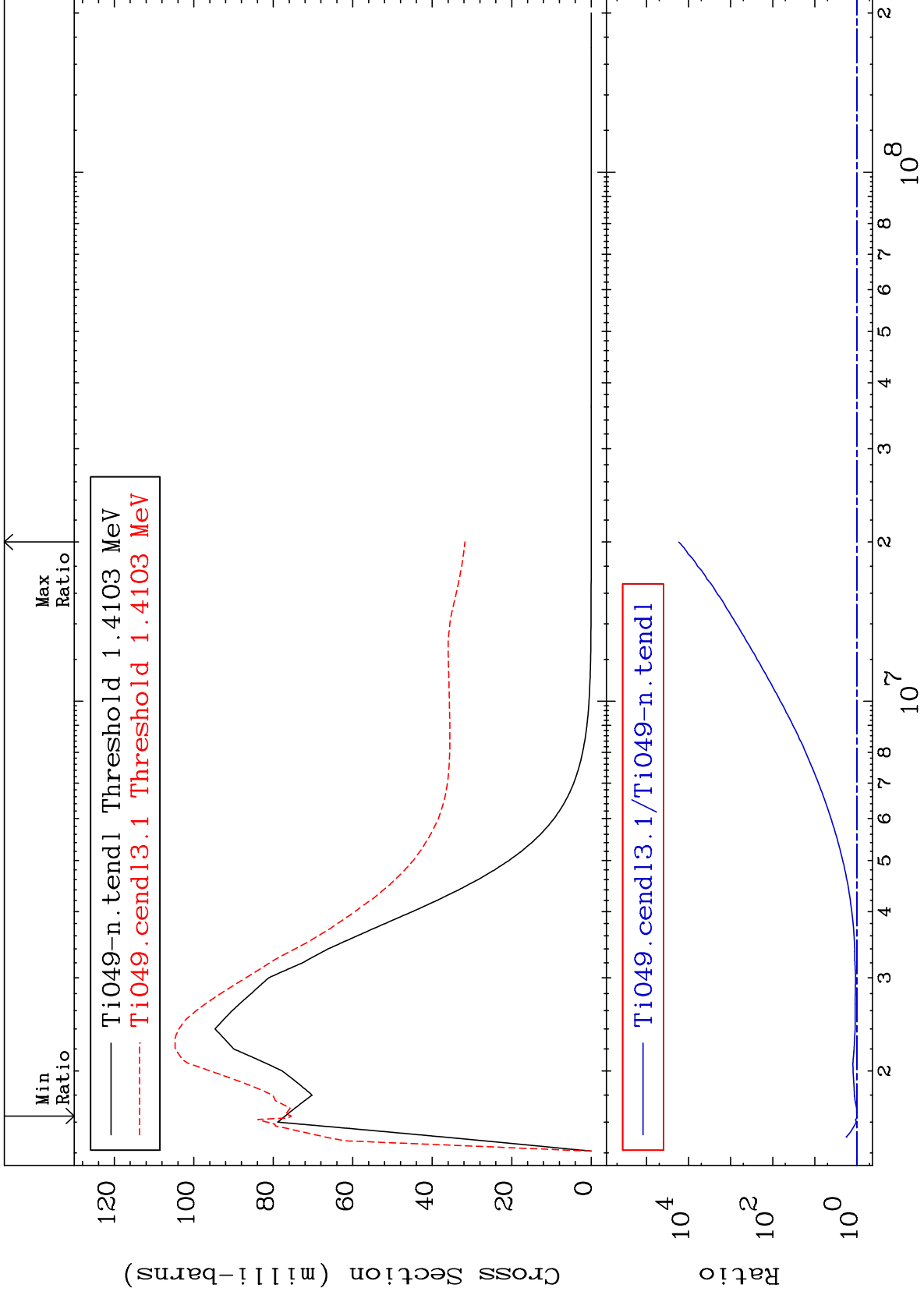
<sup>22</sup>Ti-49  
-52.76 To 178.8 %



MAT 2234

1.382 MeV (n,n') Level  
Cross Section

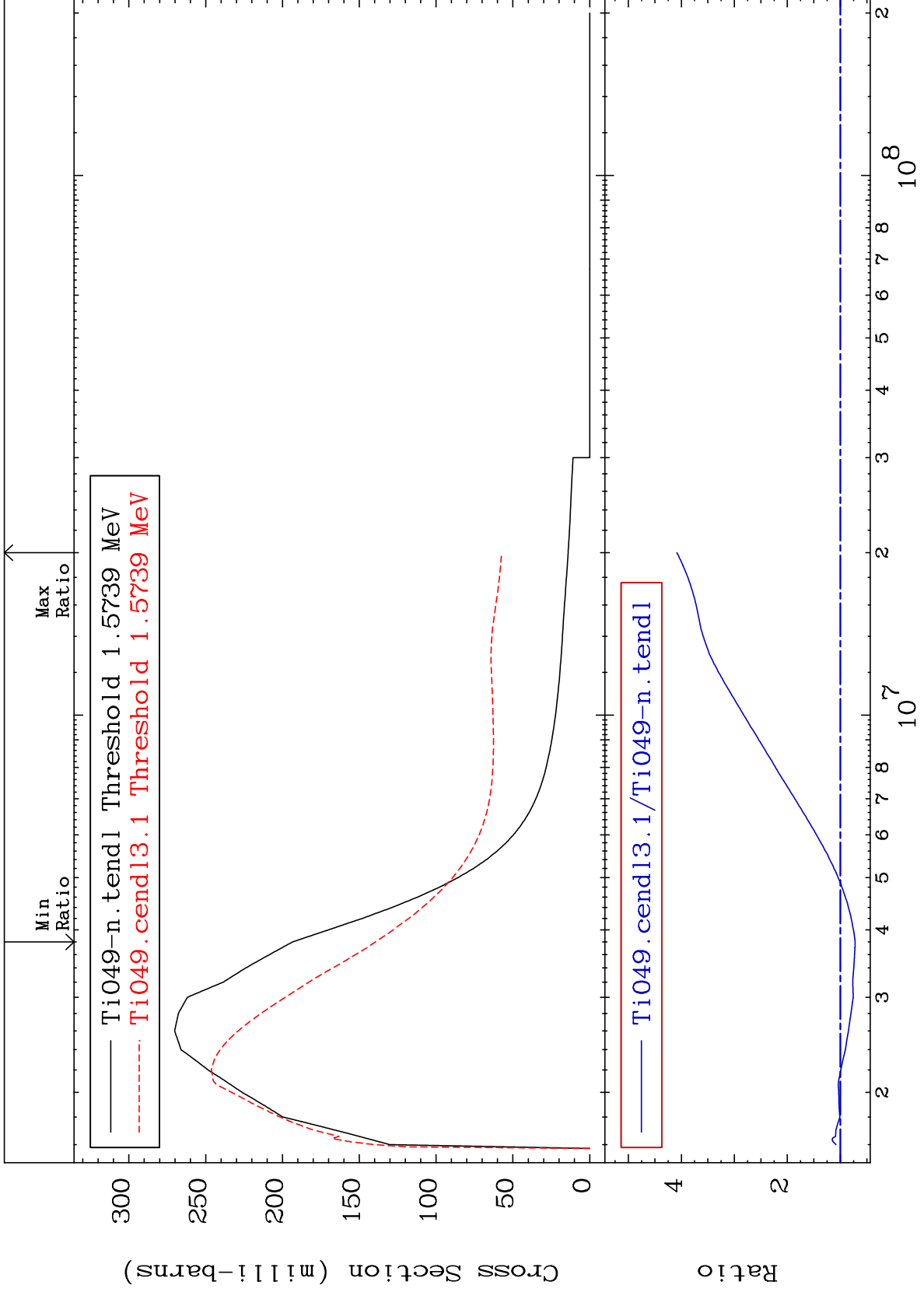
22-Ti-49  
-2.083 To 9999. %



MAT 2234

1.542 MeV (n,n') Level  
Cross Section

22-Ti-49  
-27.84 To 308.4 %

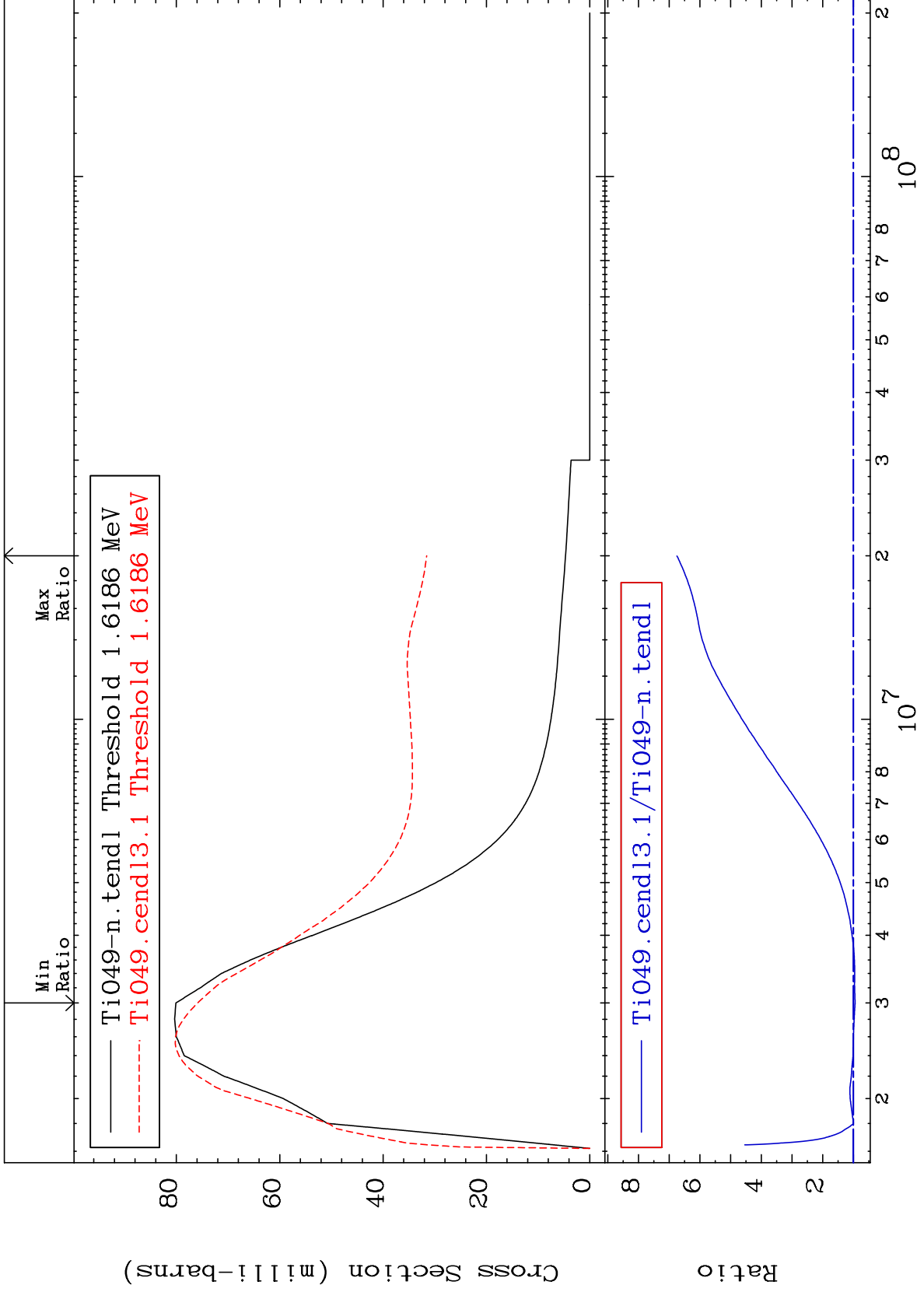




MAT 2234

1.586 MeV (n,n') Level  
Cross Section

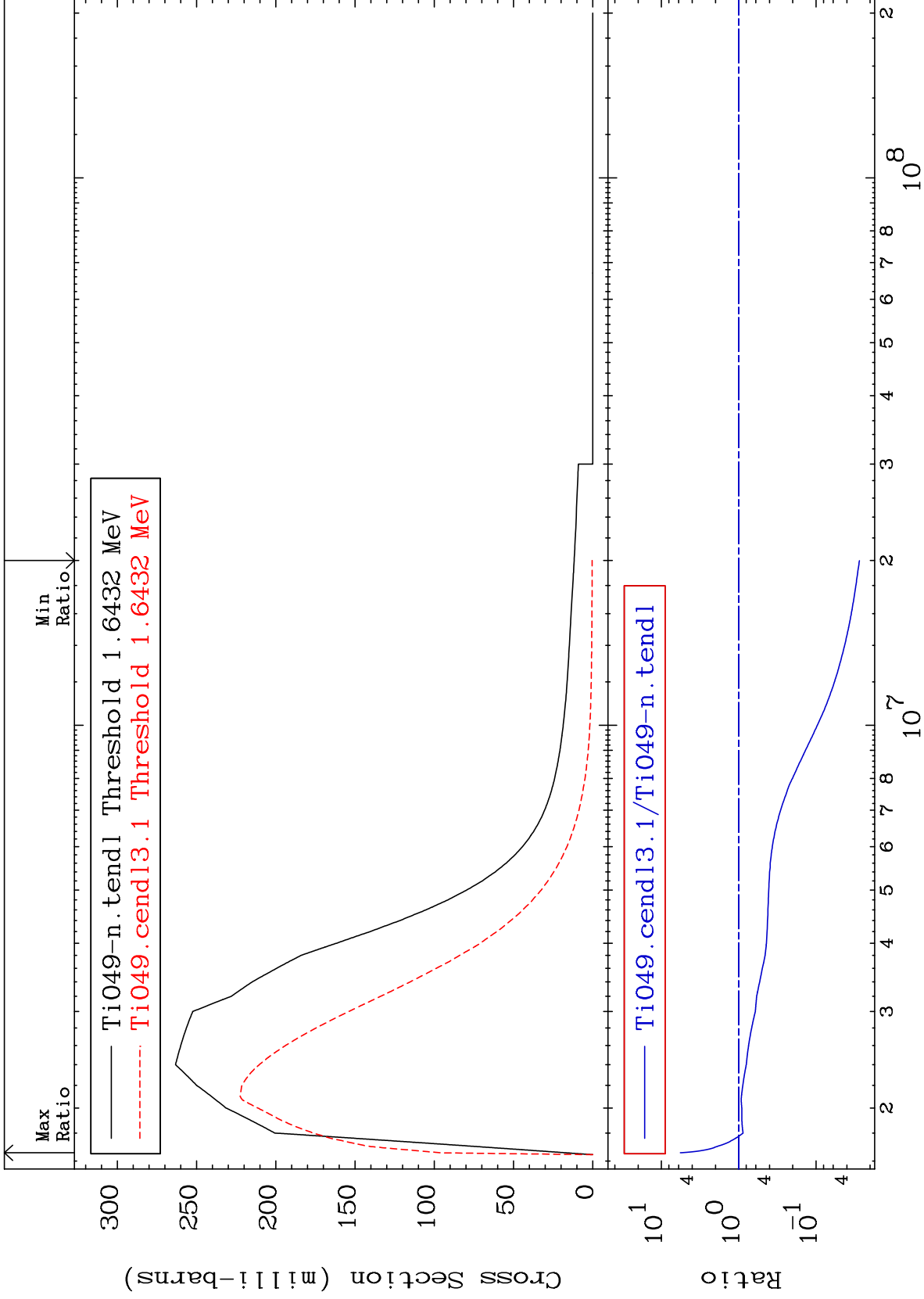
22-Ti-49  
-5.227 To 575.0 %



MAT 2234

1.610 MeV (n,n') Level  
Cross Section

22-Ti-49  
-97.25 To 468.6 %



10

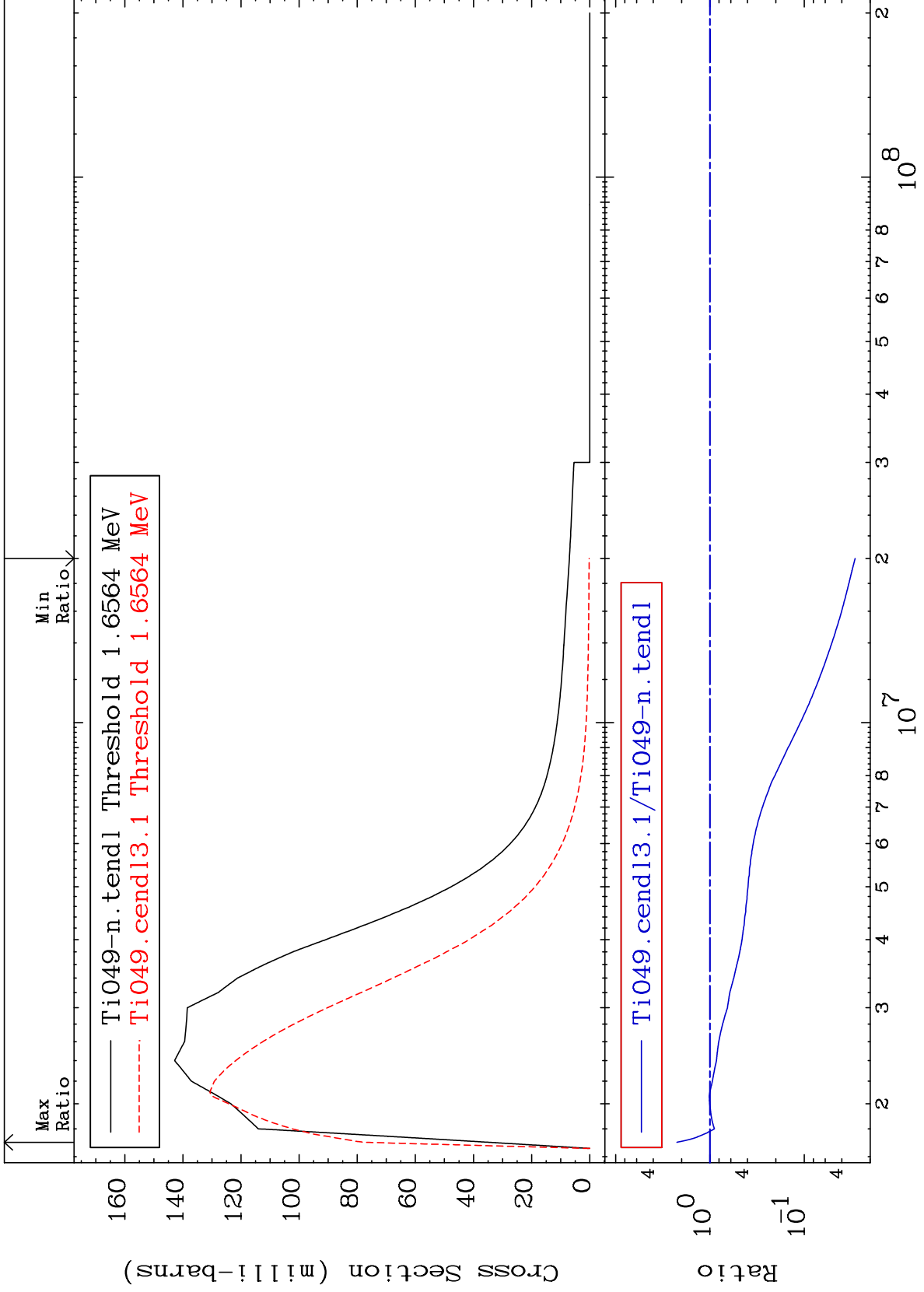
Incident Energy (eV)

22-Ti-49

MAT 2234

1.623 MeV (n,n') Level  
Cross Section

22-Ti-49  
-97.11 To 123.9 %



11

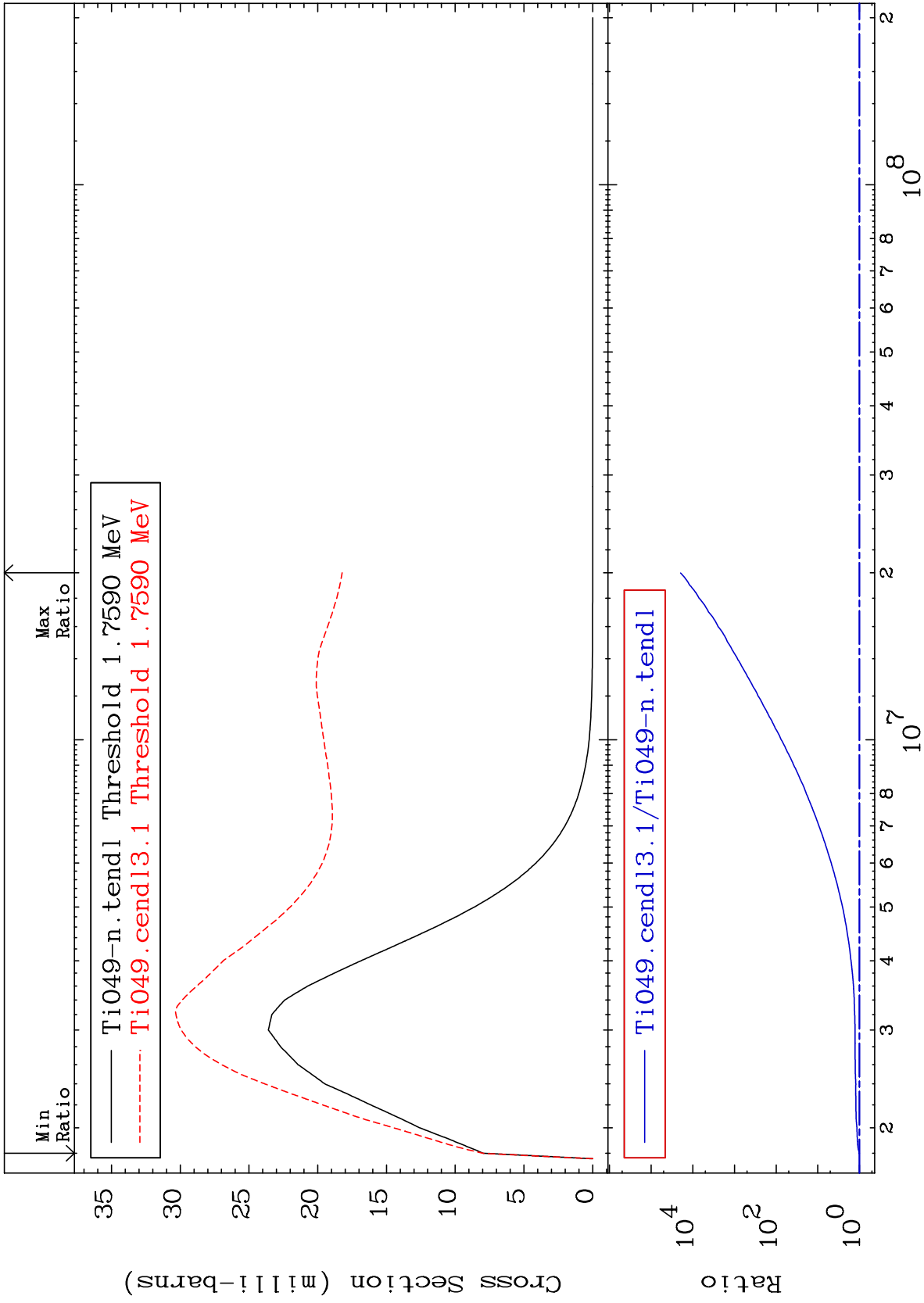
22-Ti-49

22-Ti-49

MAT 2234

1.723 MeV (n,n') Level  
Cross Section

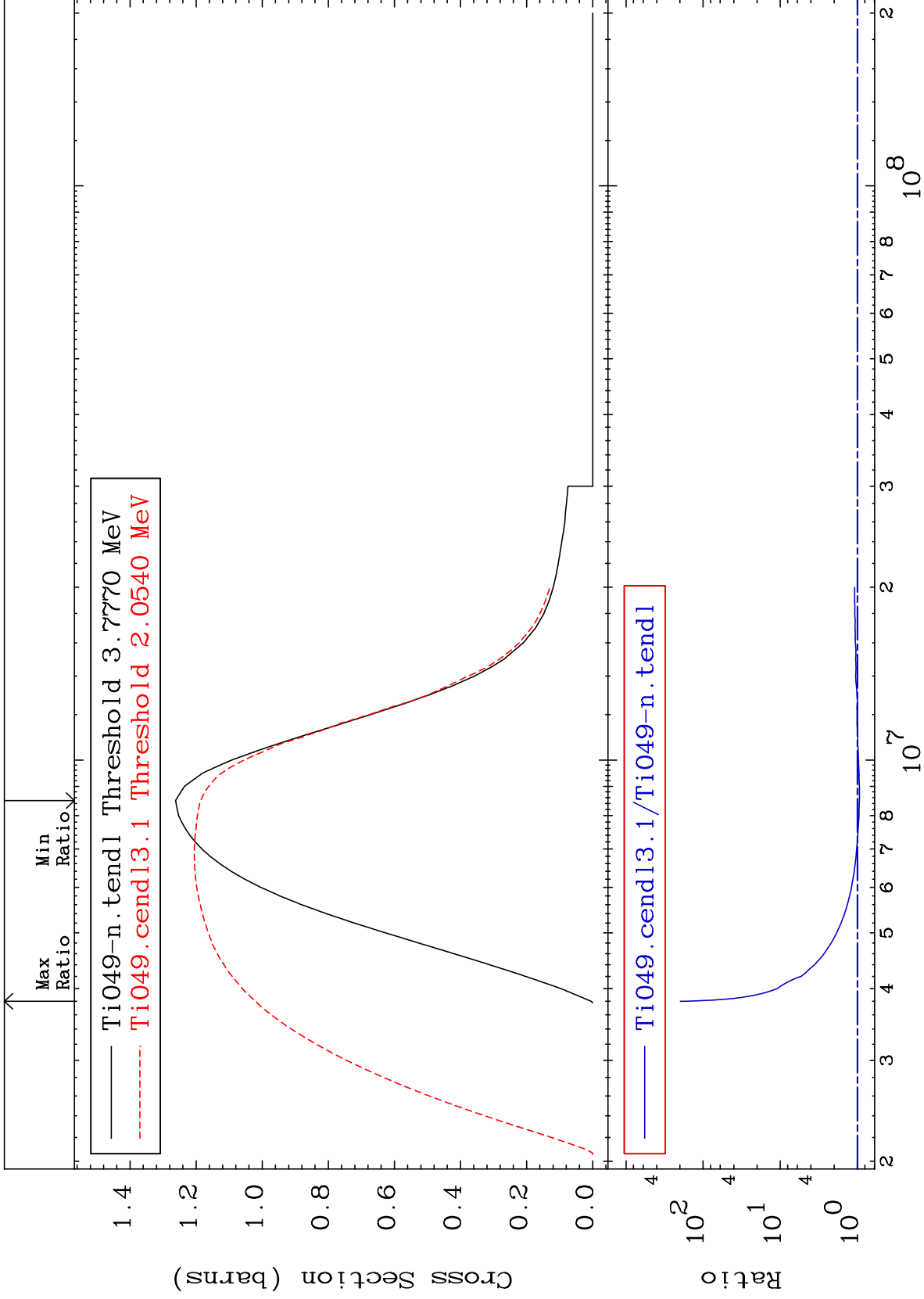
22-Ti-49  
0.057 To 9999. %



MAT 2234

(n, n') Continuum  
Cross Section

<sup>22</sup>Ti-49  
-6.047 To 9999. %



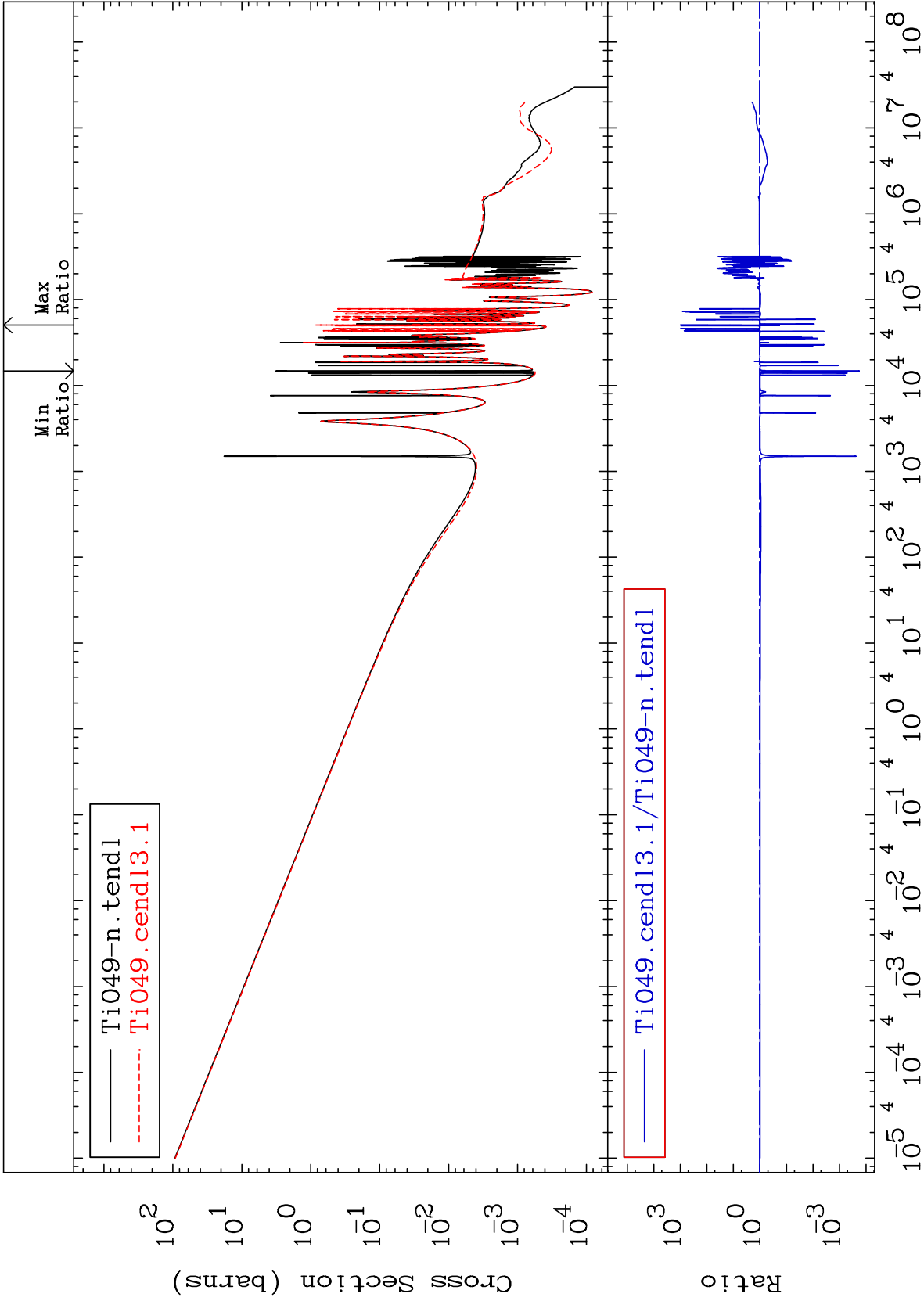
MAT 2234

(n,  $\gamma$ )

22-Ti-49

Cross Section

-99.98 To 9999. %



14

Incident Energy (eV)

22-Ti-49

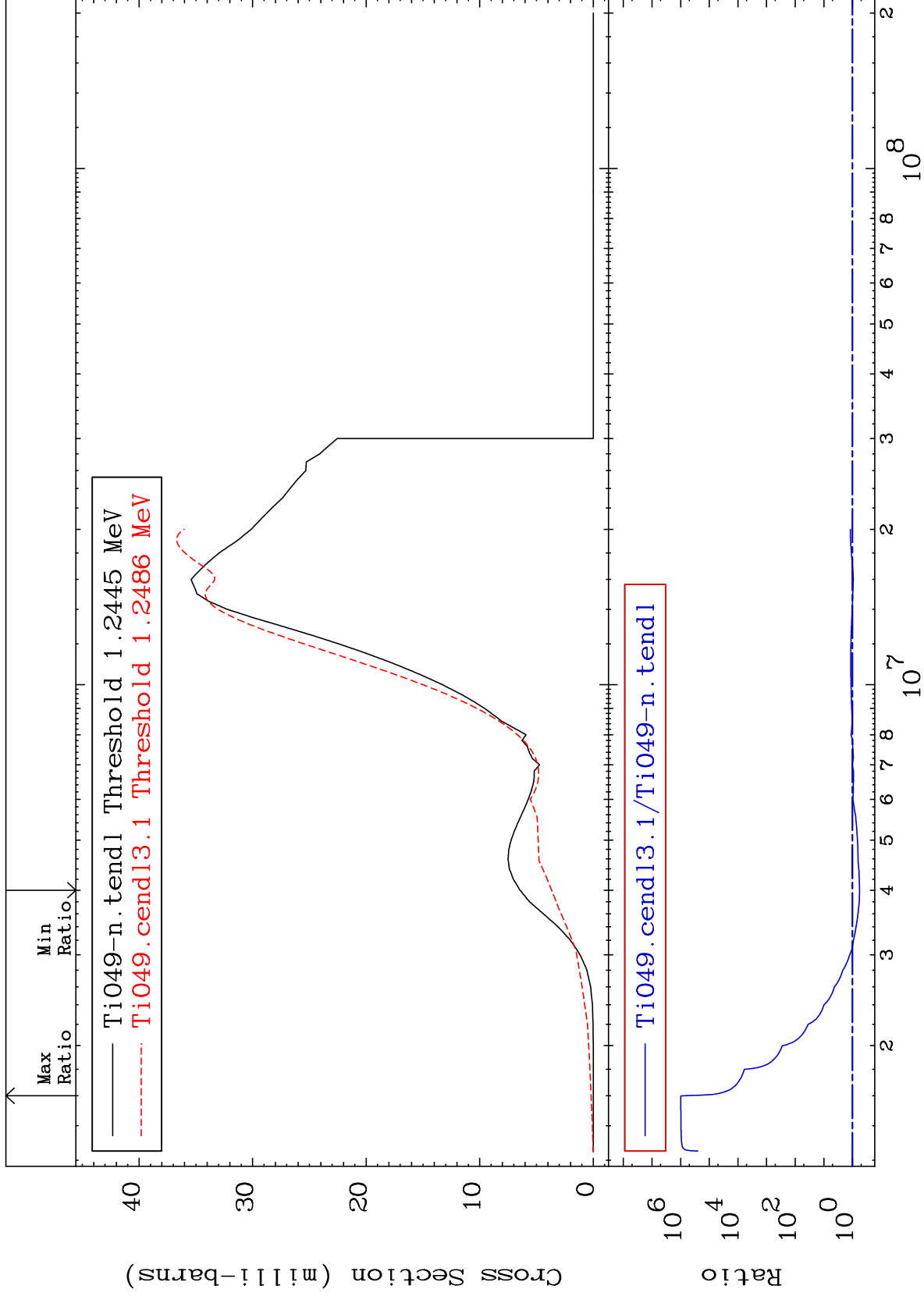
MAT 2234

(n,p)

<sup>22</sup>Ti-49

Cross Section

-43.18 To 9999. %



15

Incident Energy (eV)

<sup>22</sup>Ti-49

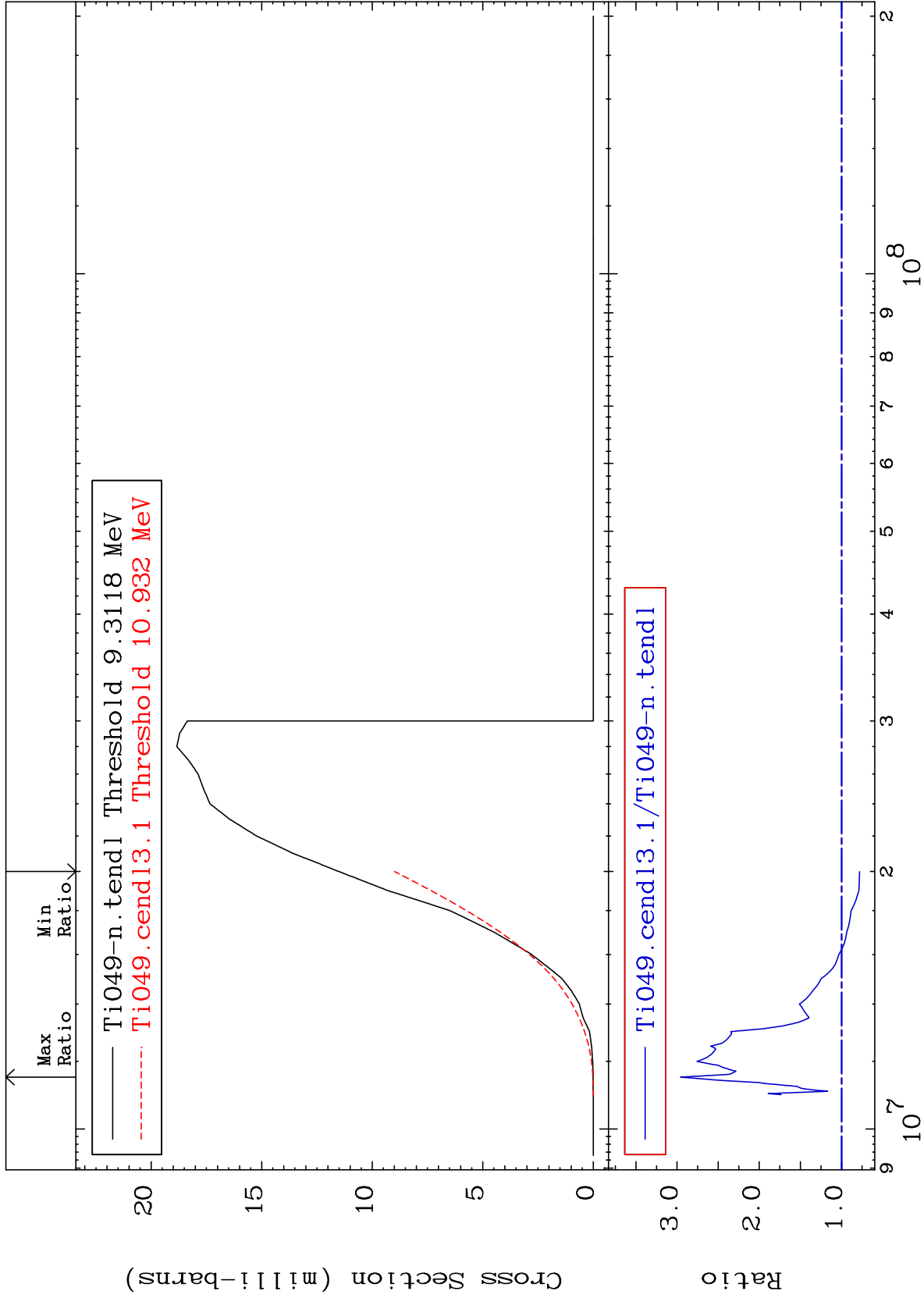
MAT 2234

(n, d)

<sup>22</sup>Ti-49

Cross Section

-21.86 To 195.5 %



16

Incident Energy (eV)

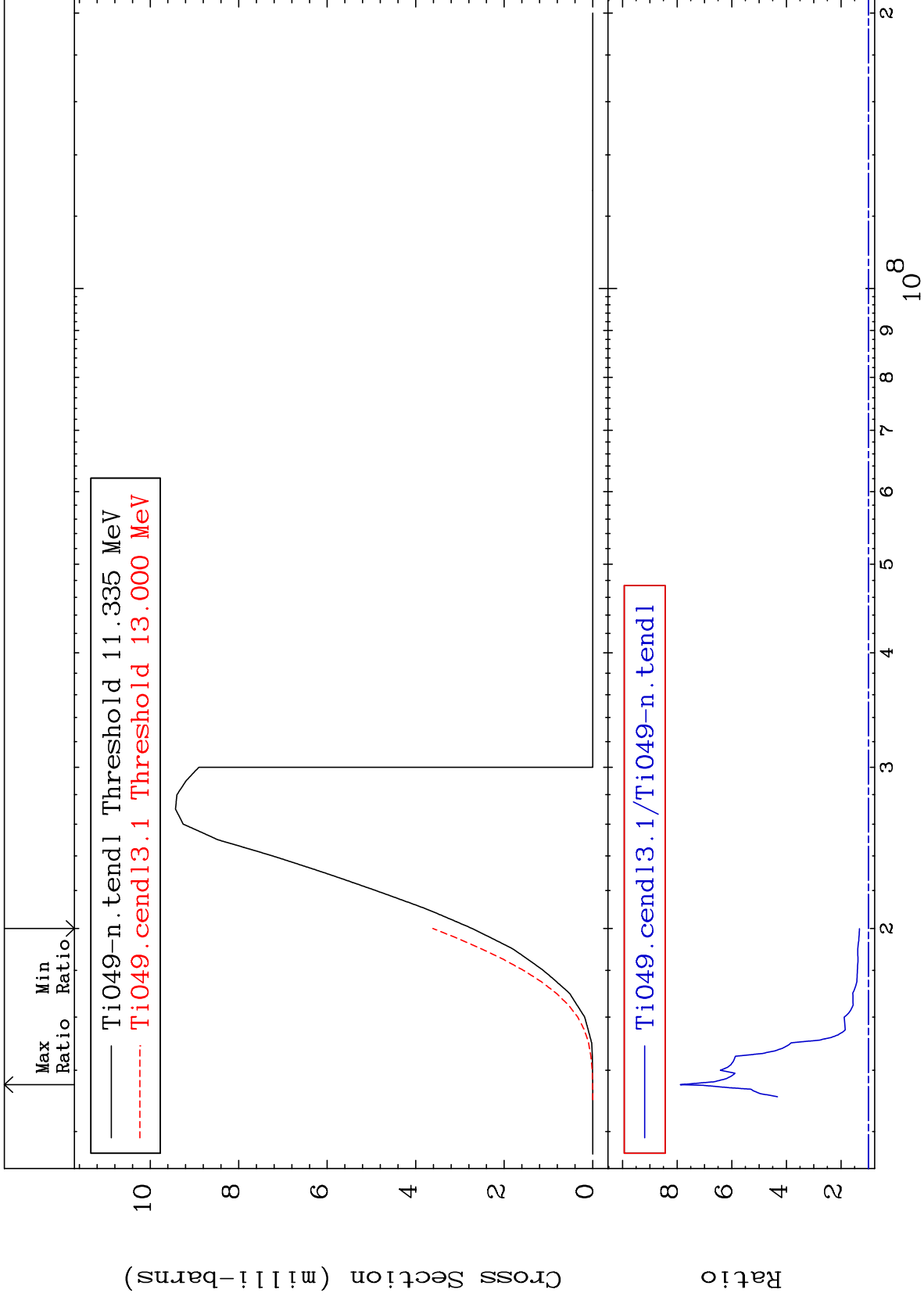
<sup>22</sup>Ti-49



MAT 2234

(n, t)  
Cross Section

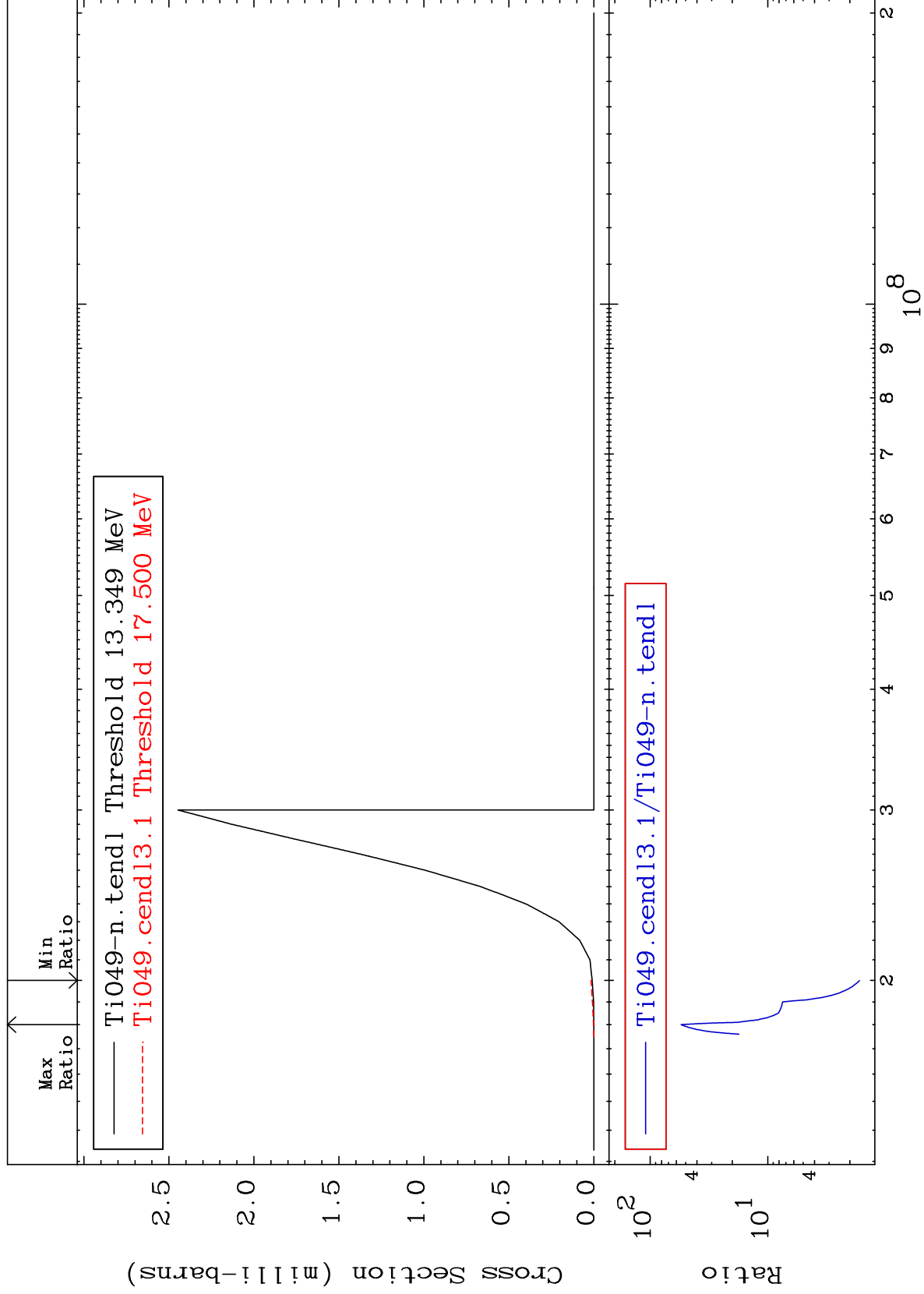
22-Ti-49  
32.49 To 688.3 %



17

22-Ti-49

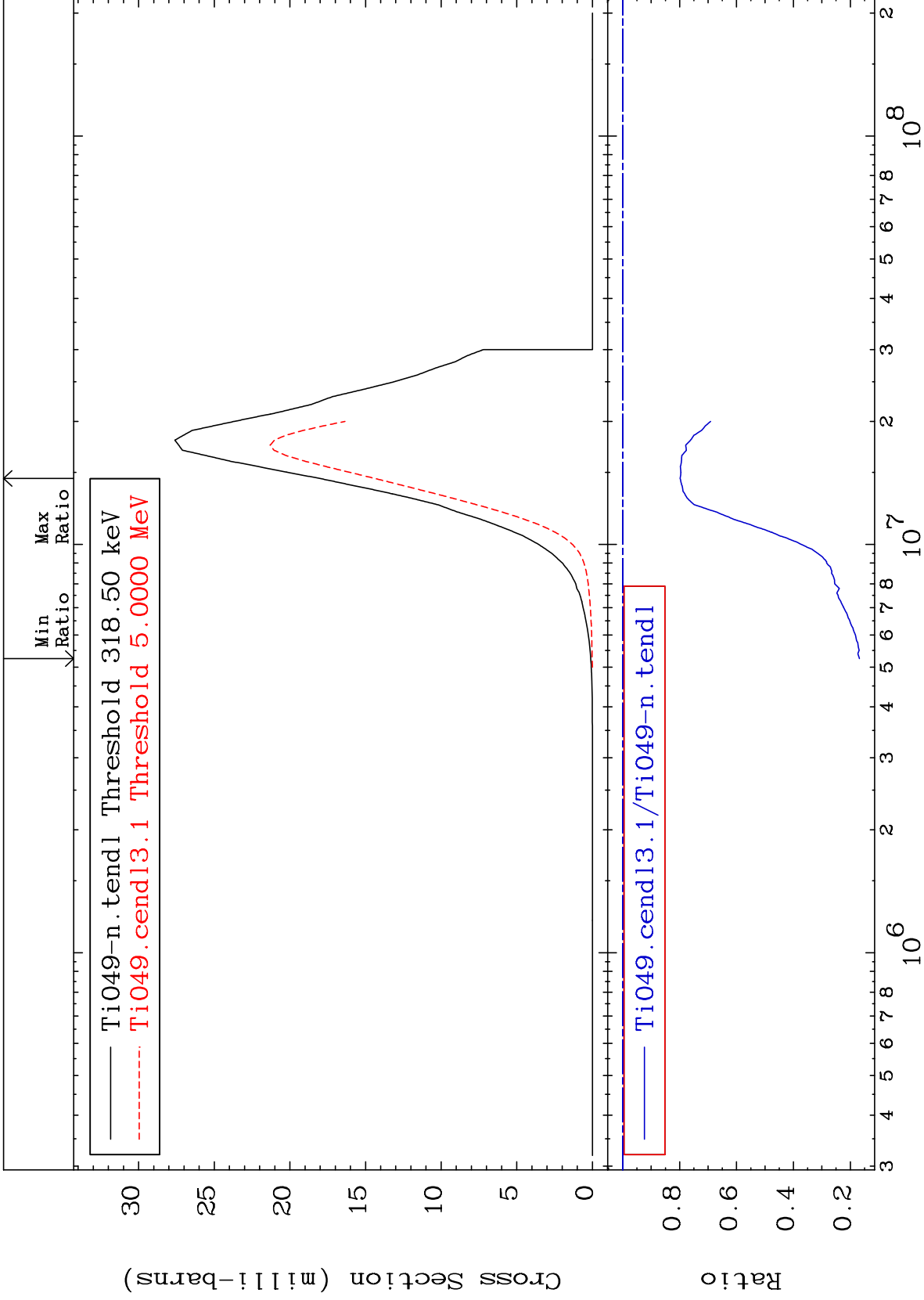
22-Ti-49



MAT 2234

(n,  $\alpha$ )  
Cross Section  
-83.18 To -20.18%

<sup>22</sup>Ti-49



19

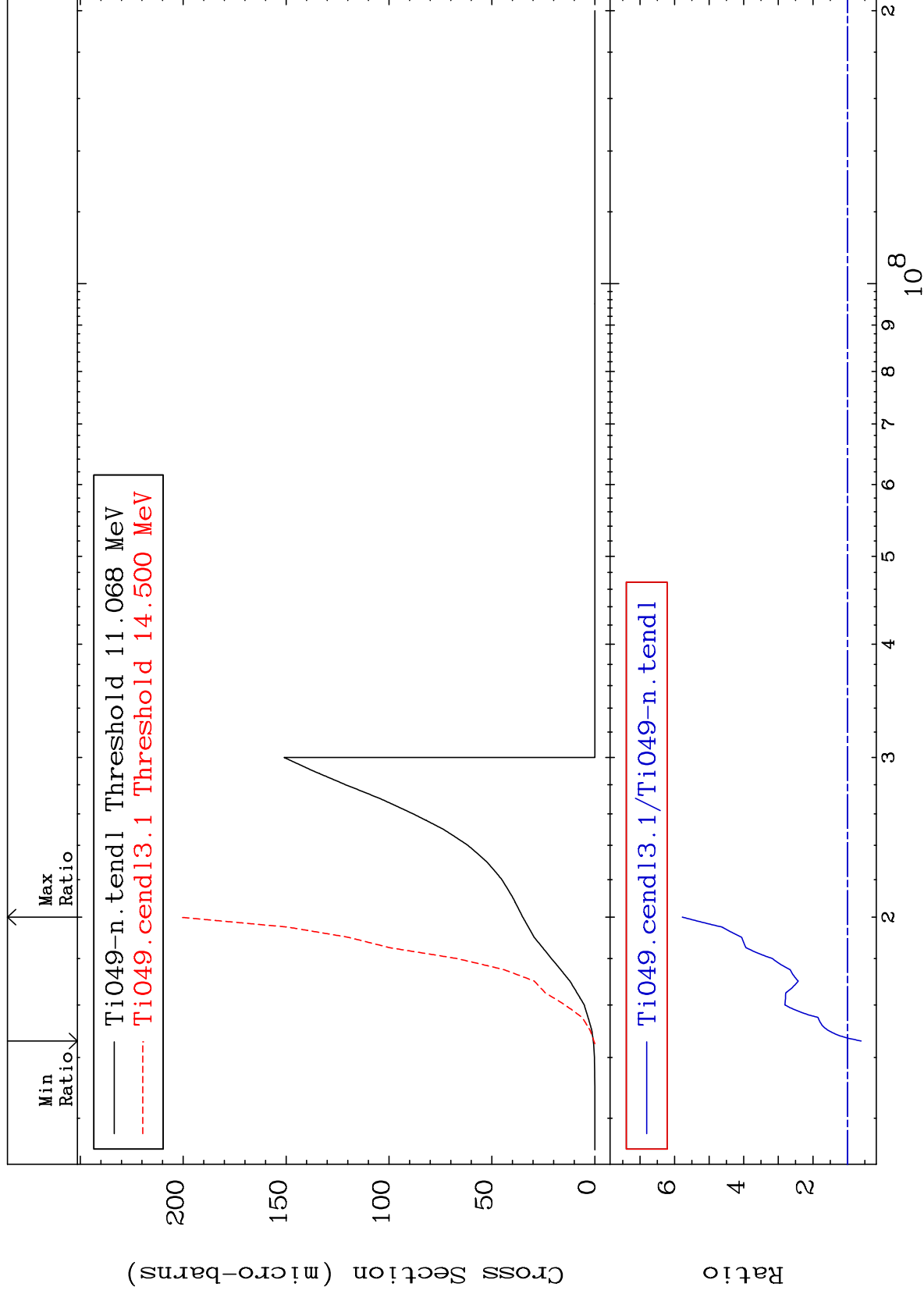
Incident Energy (eV)

<sup>22</sup>Ti-49

MAT 2234

(n,2p)  
Cross Section

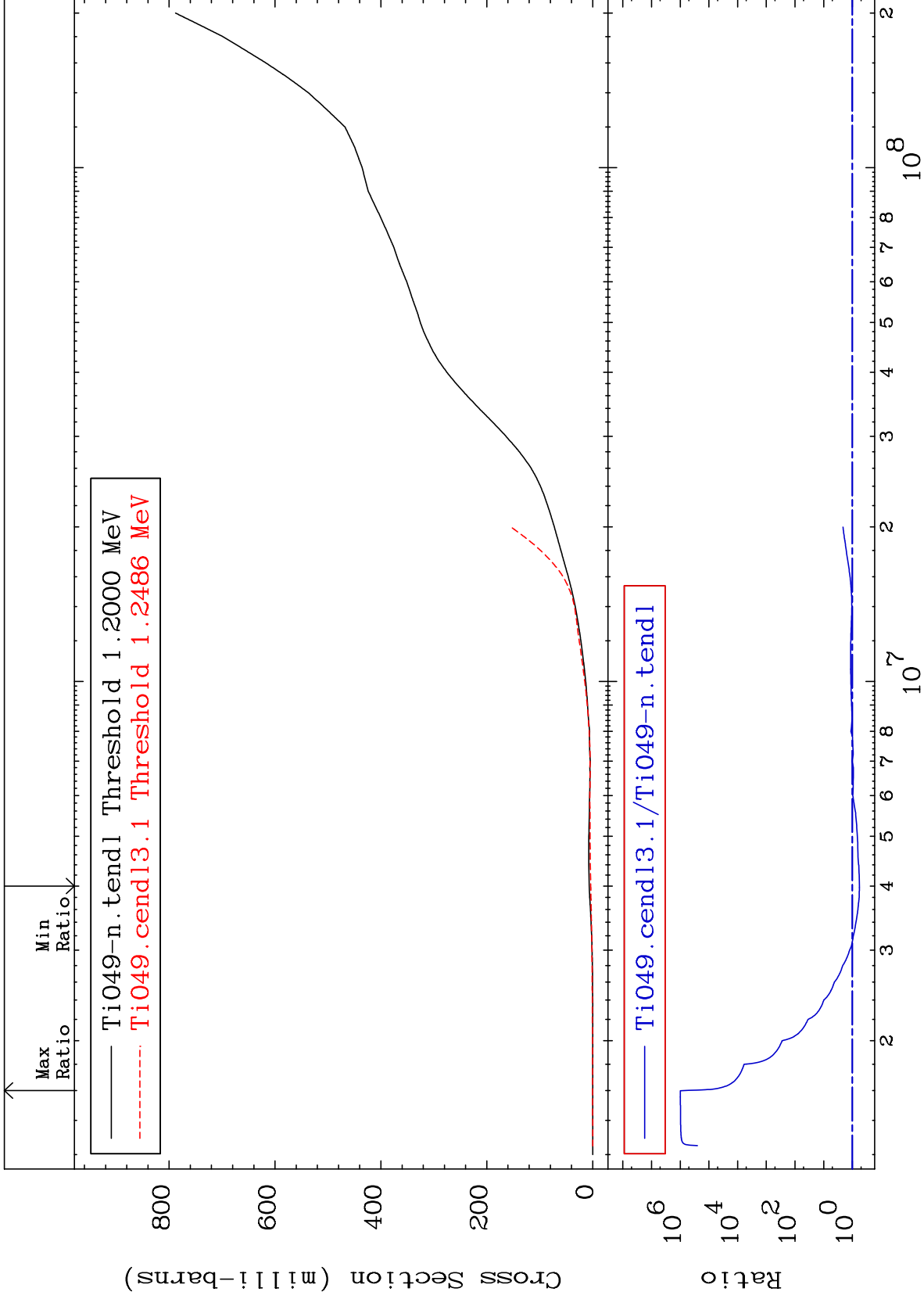
22-Ti-49  
-39.34 To 477.6 %



20

Incident Energy (eV)

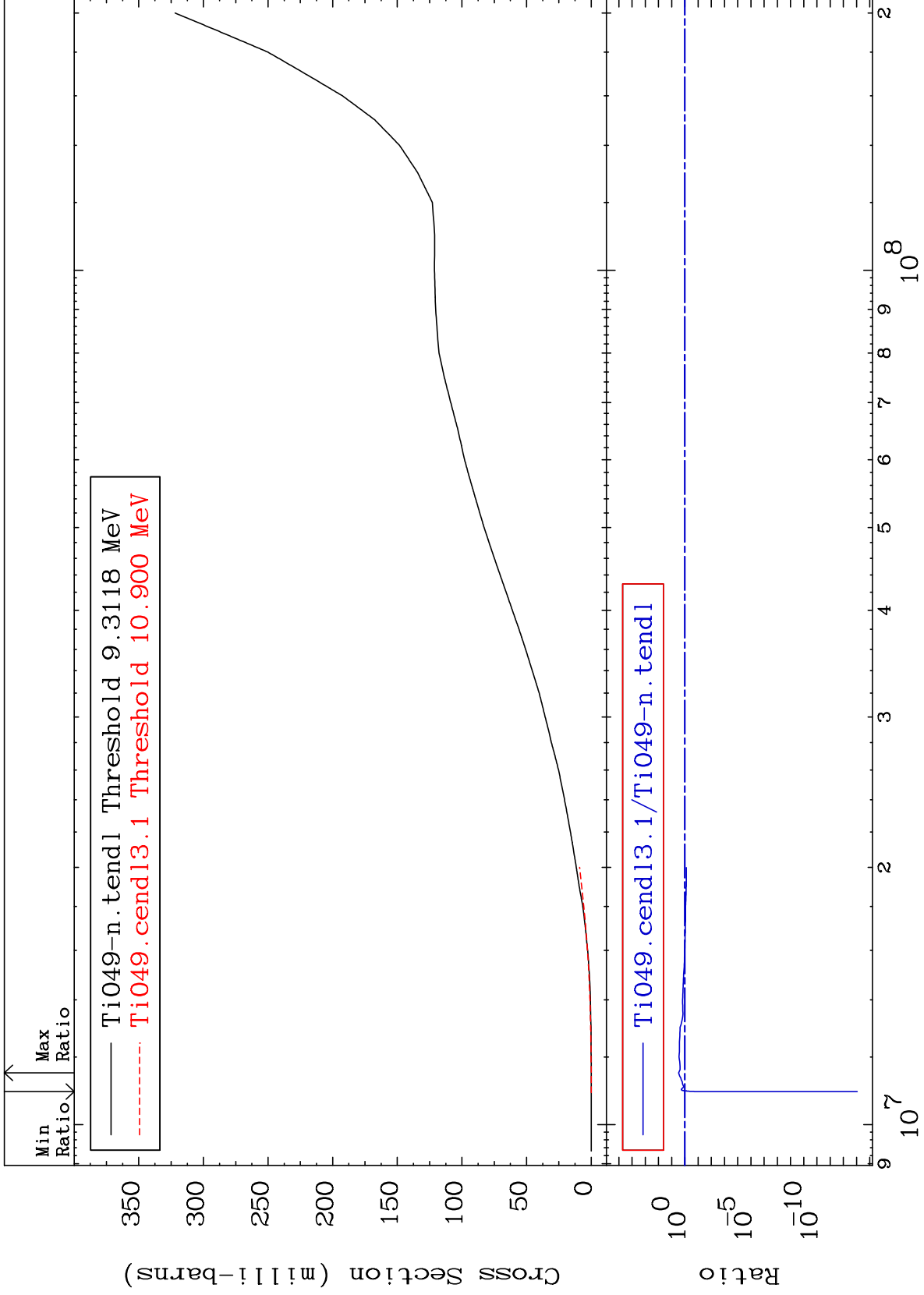
22-Ti-49



MAT 2234

Deuterium Production  
Cross Section

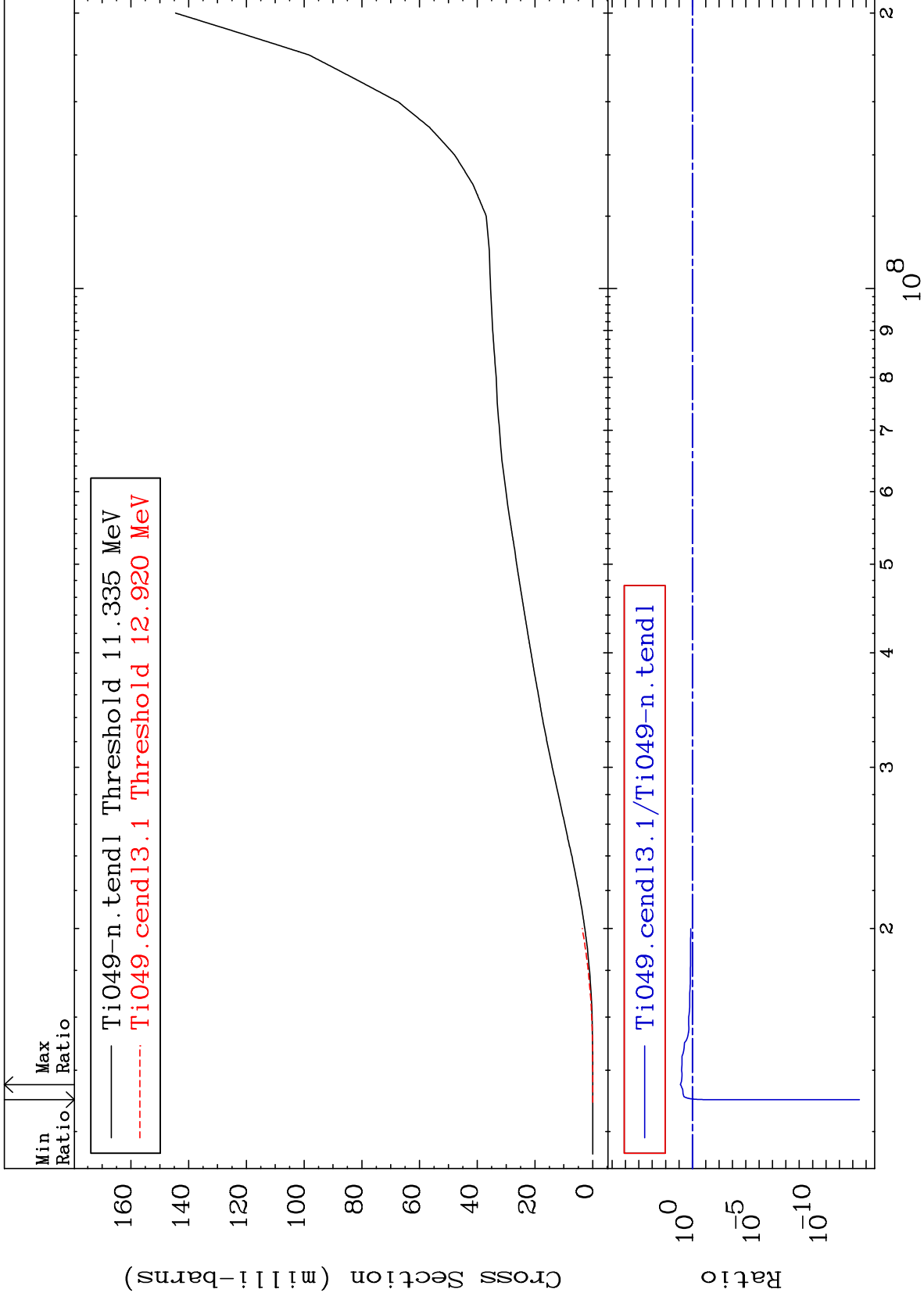
<sup>22</sup>Ti-49  
-100.0 To 195.5 %



22

Incident Energy (eV)

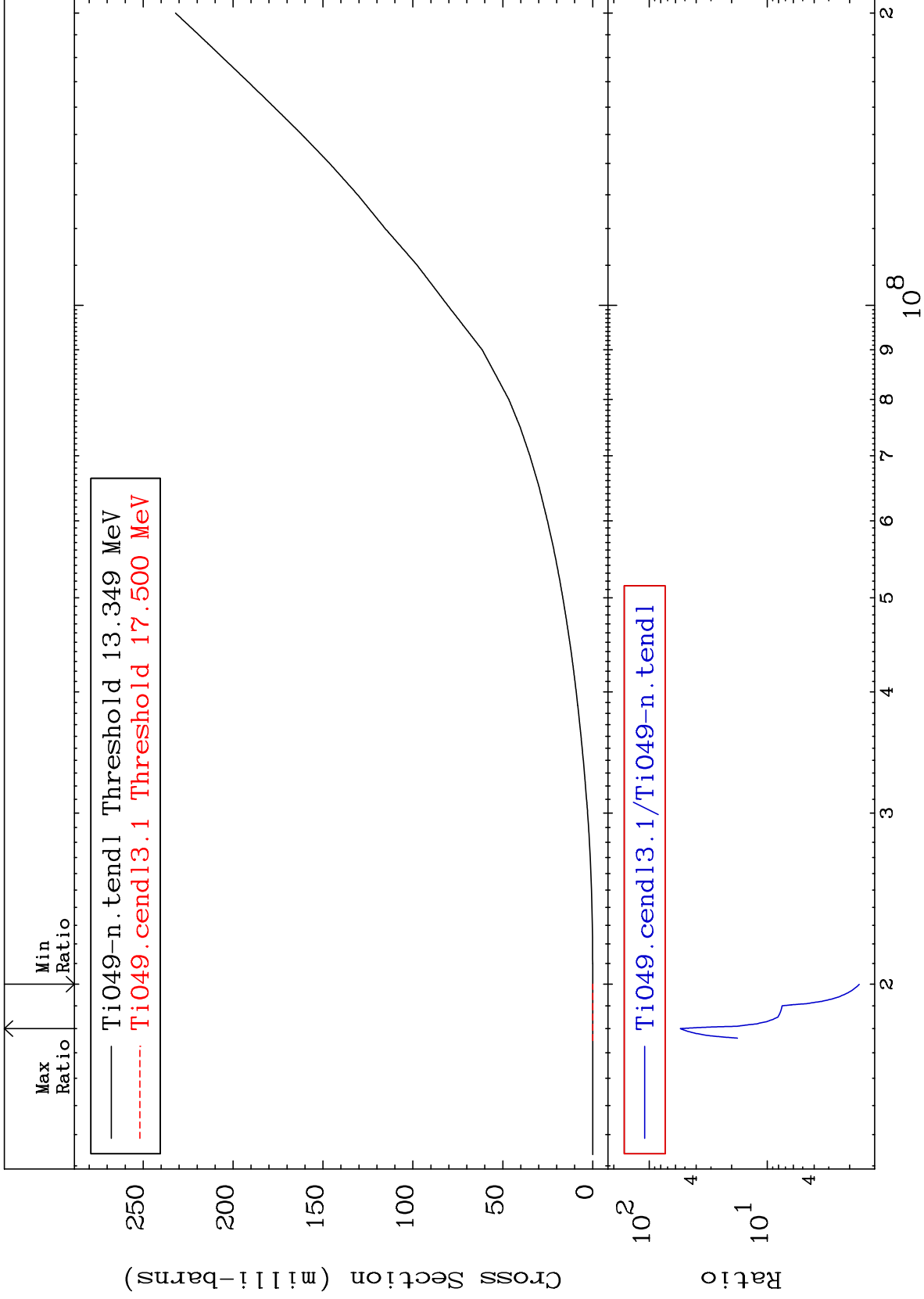
<sup>22</sup>Ti-49



MAT 2234

He-3 Production  
Cross Section

22-Ti-49  
64.96 To 5354. %

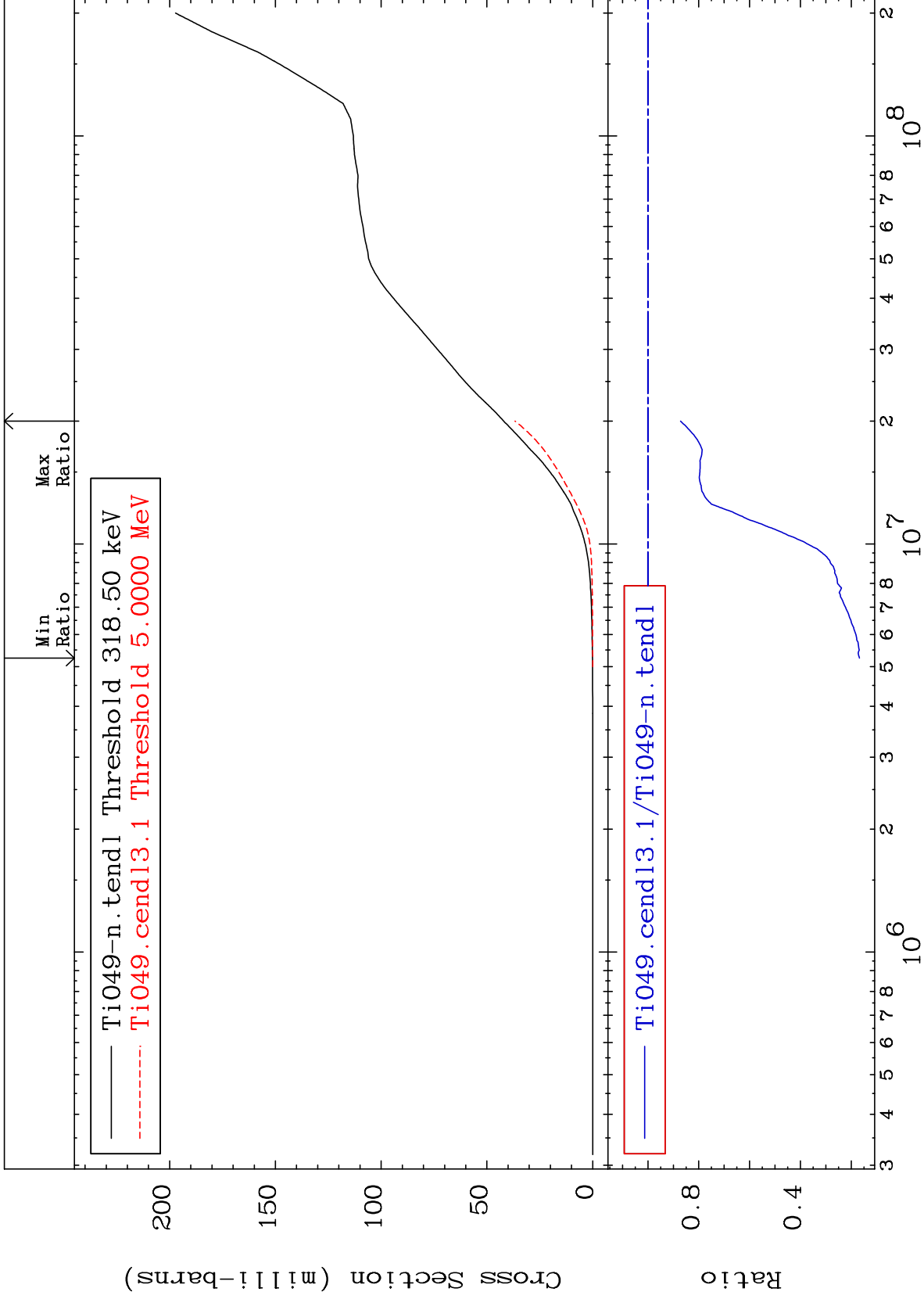




MAT 2234

He-4 Production  
Cross Section

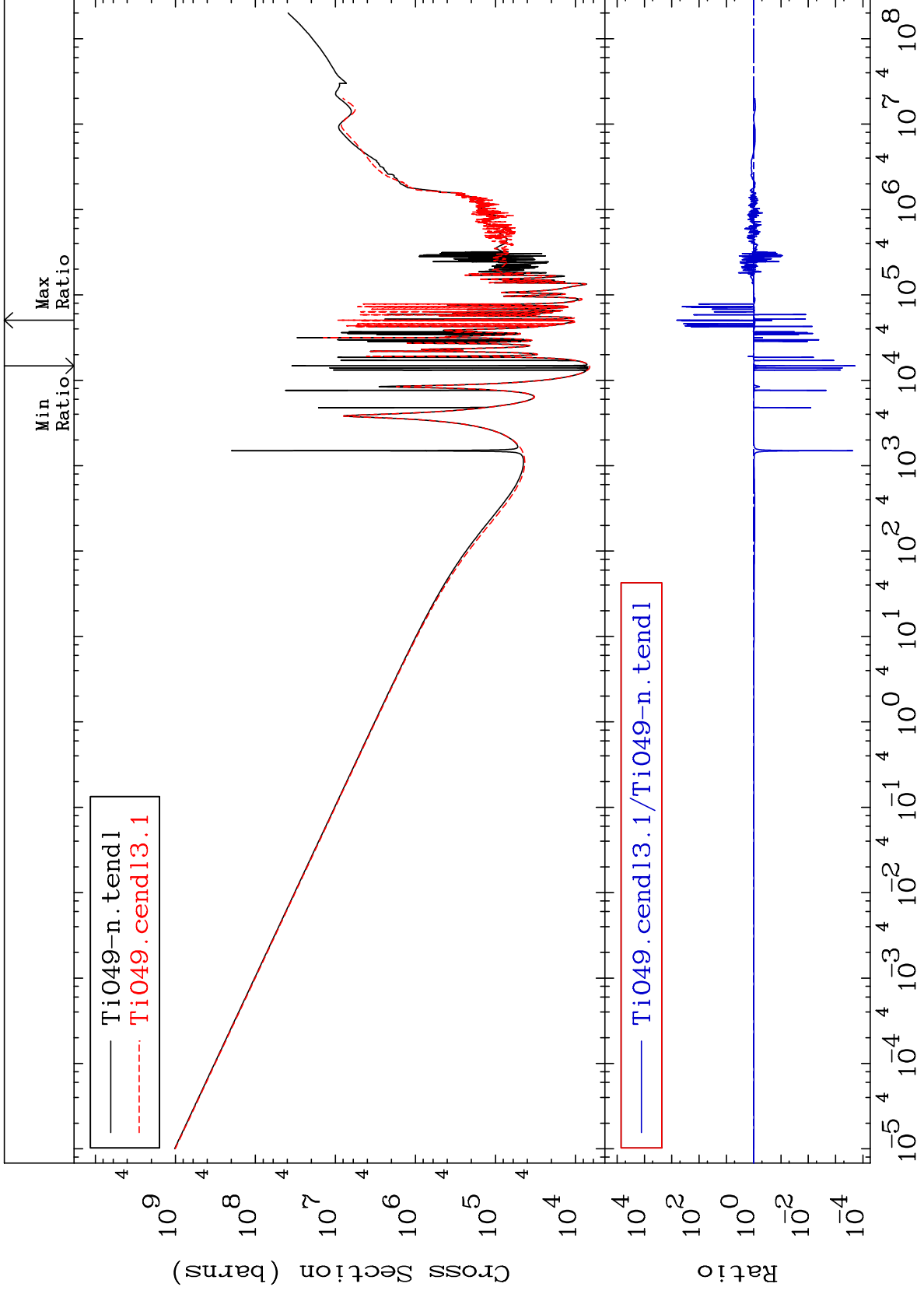
<sup>22</sup>Ti-49  
-83.18 To -12.76%



25

Incident Energy (eV)

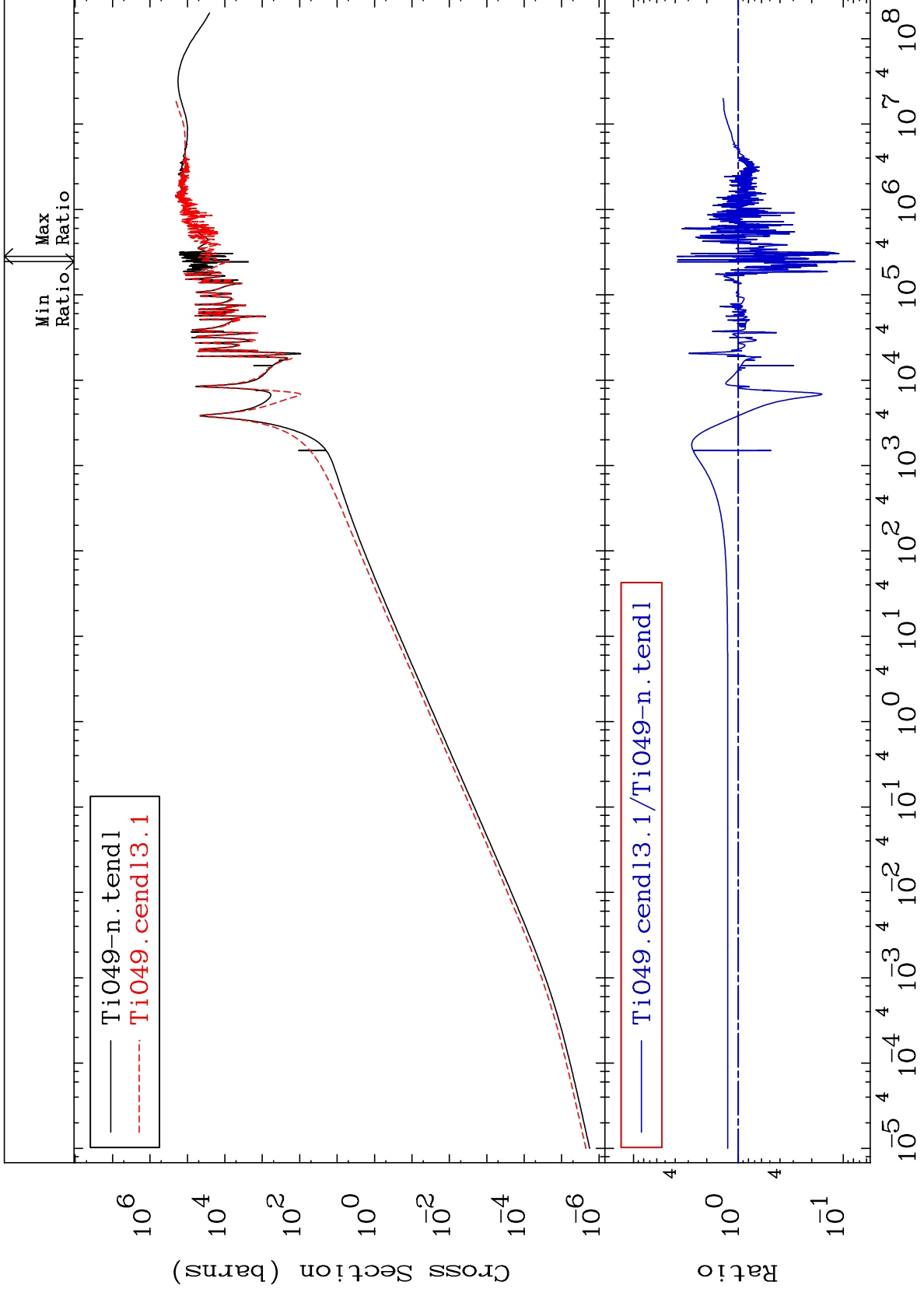
<sup>22</sup>Ti-49

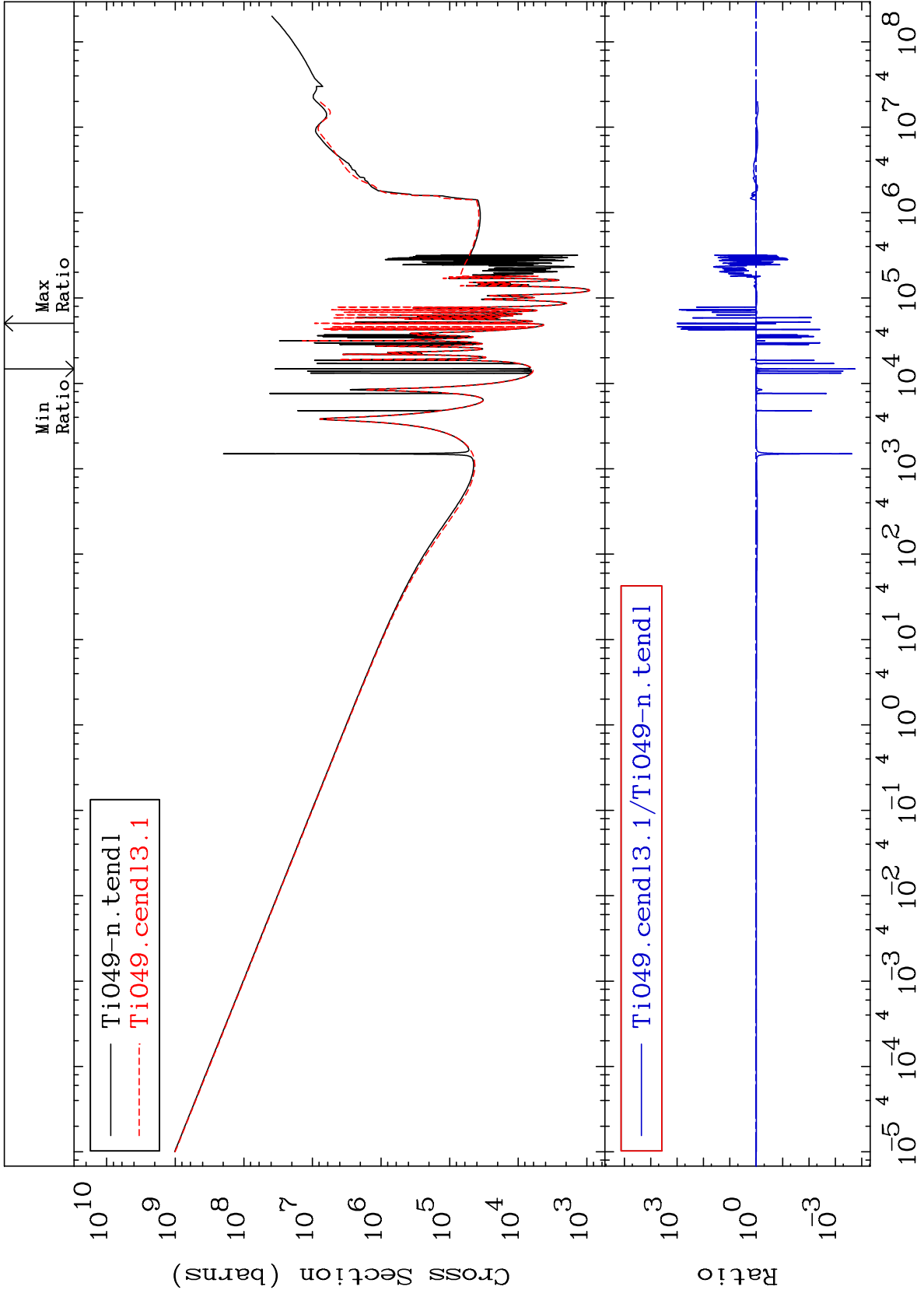


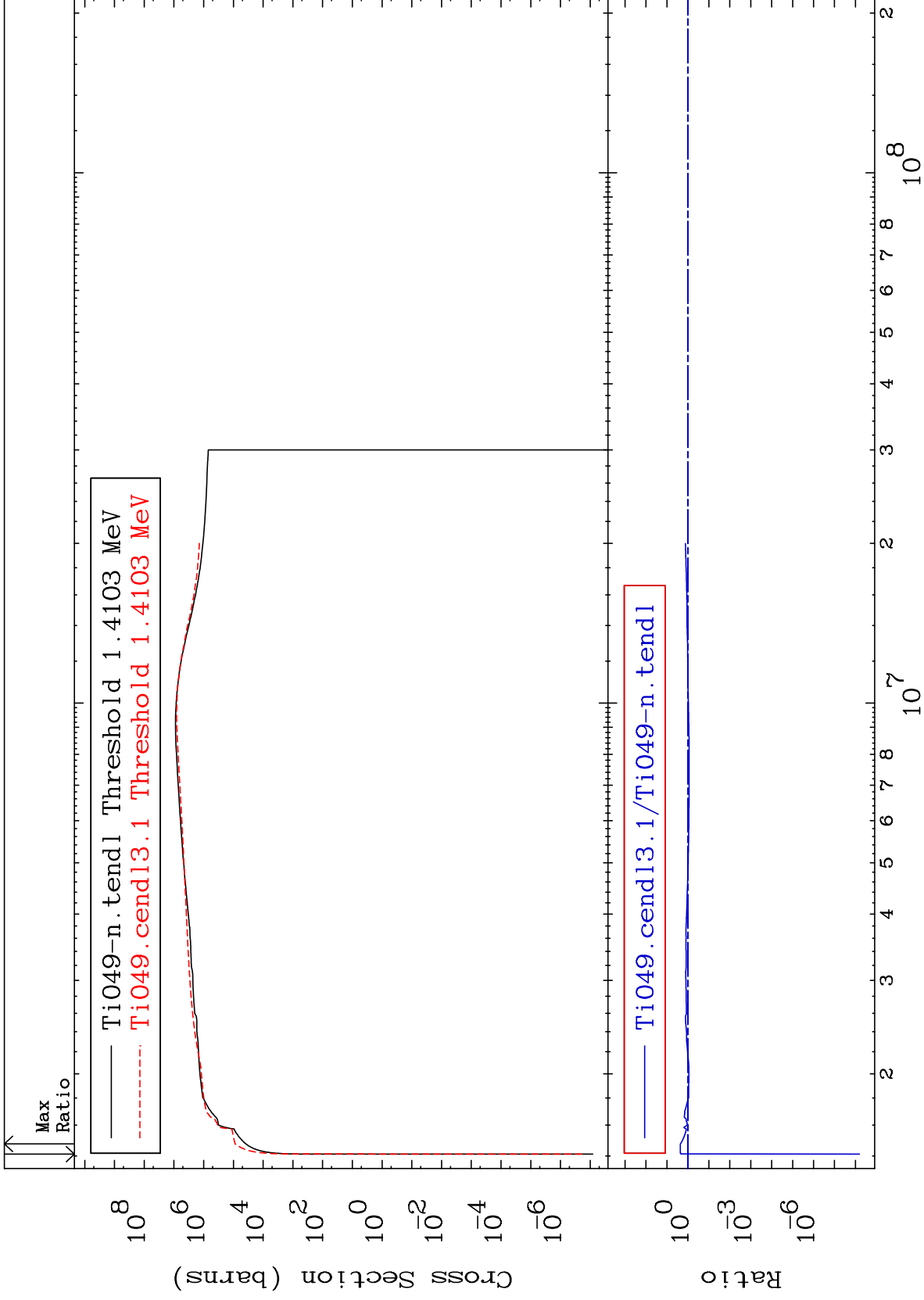
MAT 2234

Kerma elastic  
Cross Section

22-Ti-49  
-92.29 To 285.0 %



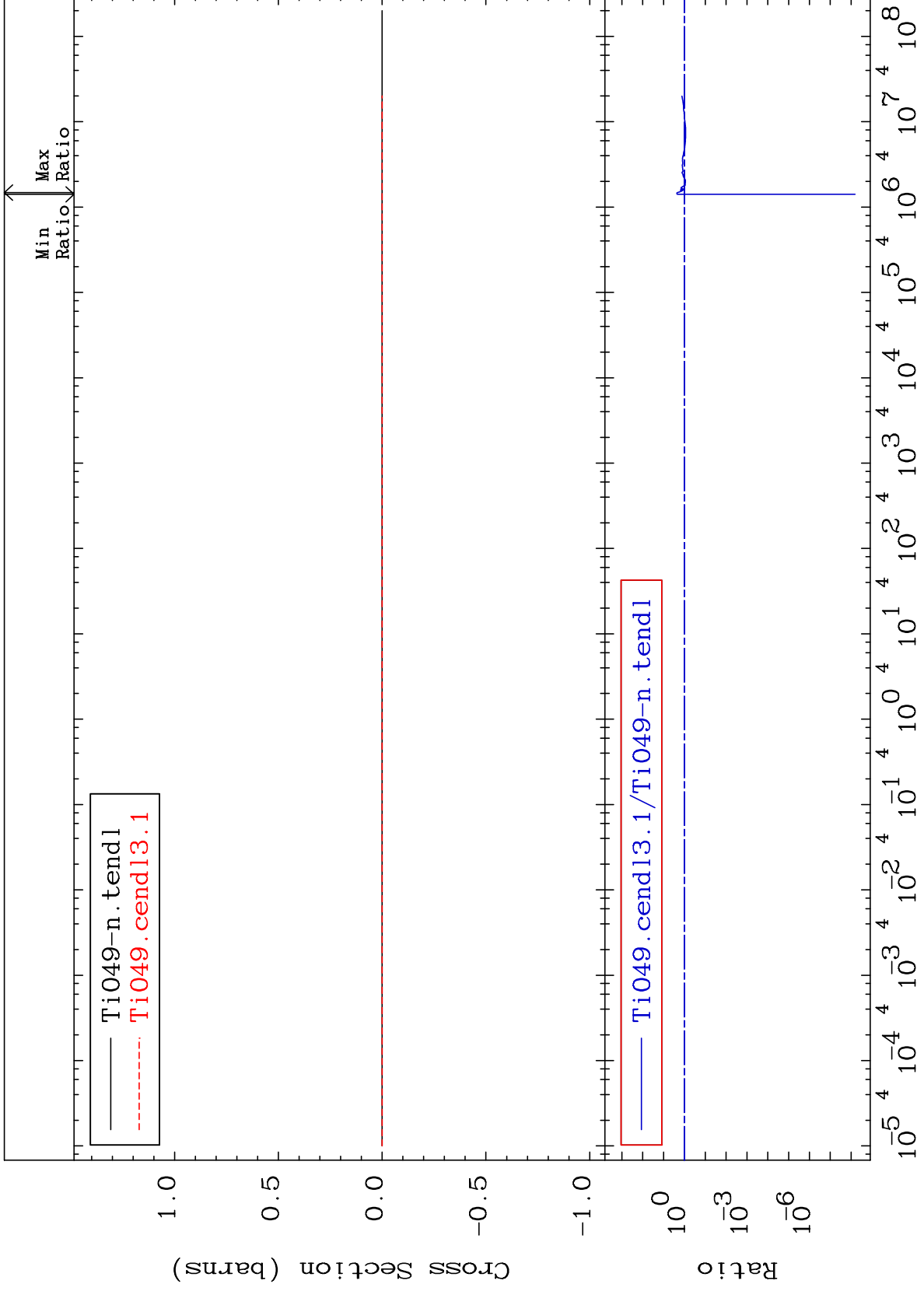




MAT 2234

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

22-Ti-49  
-100.0 To 128.9 %



30

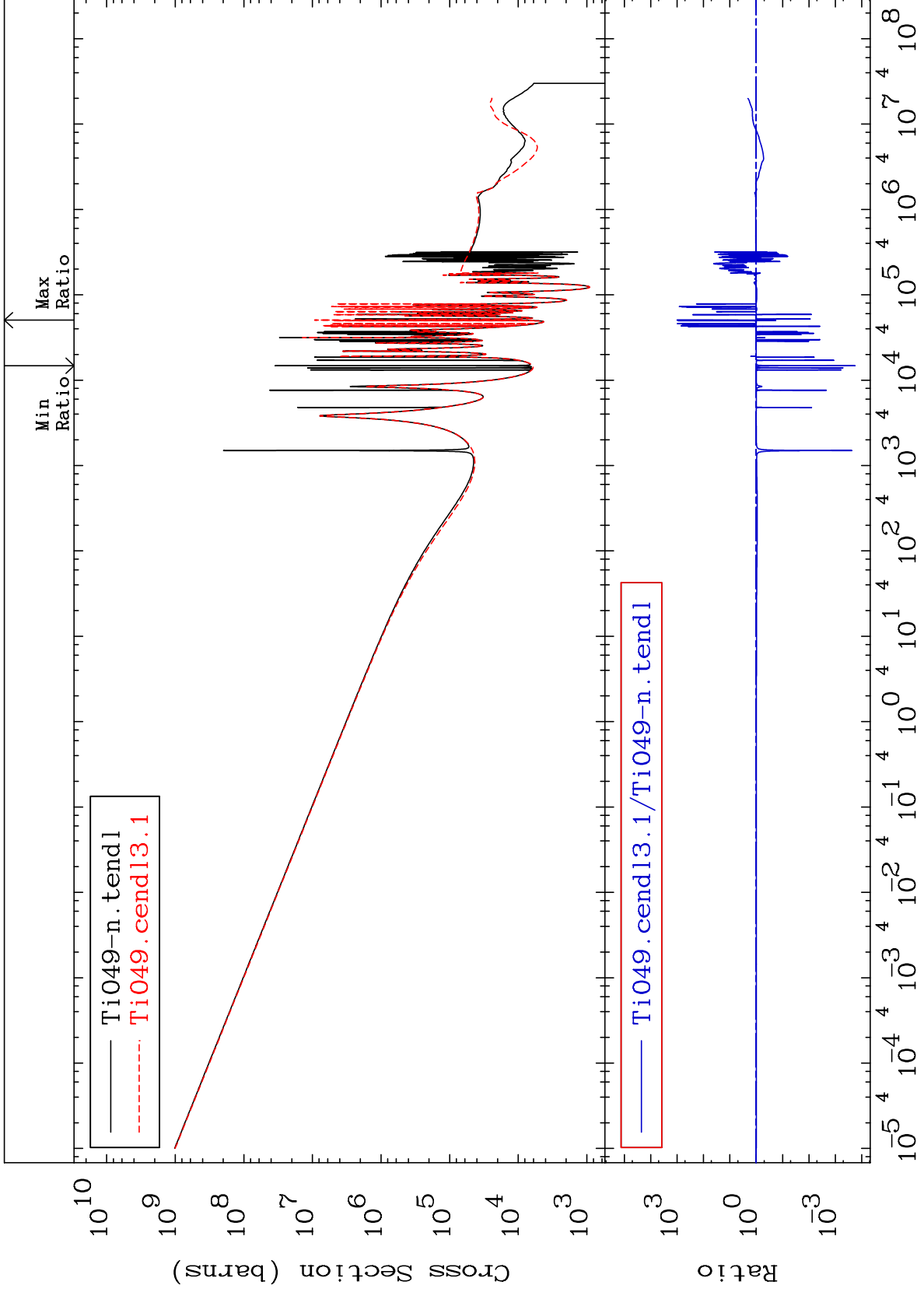
Incident Energy (eV)

22-Ti-49

MAT 2234

Kerma capture (mt102)  
Cross Section

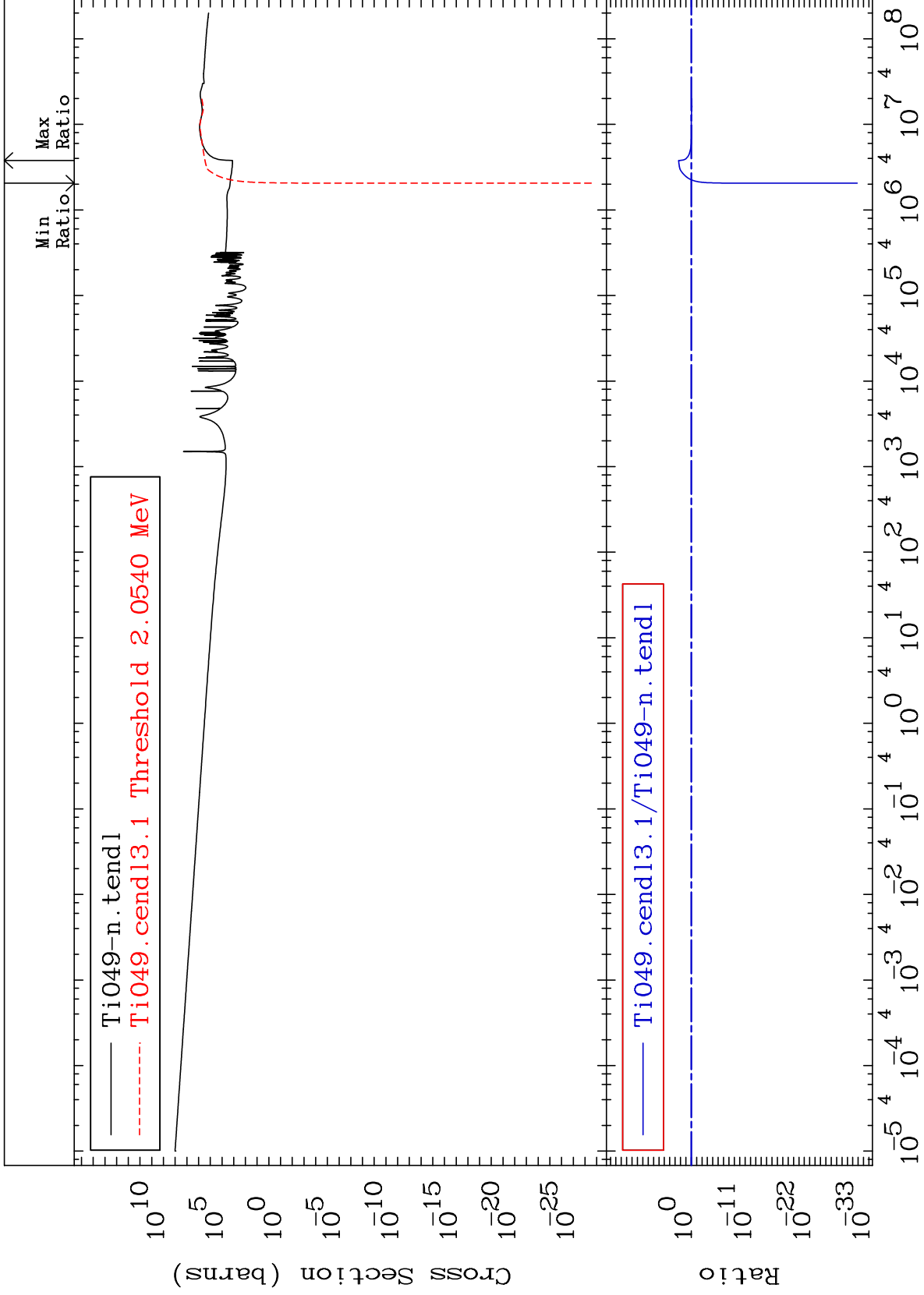
22-Ti-49  
-99.98 To 9999. %



MAT 2234

Total photon (eV-barns)  
Cross Section

22-Ti-49  
-100.0 To 9999. %



Incident Energy (eV)

22-Ti-49

32

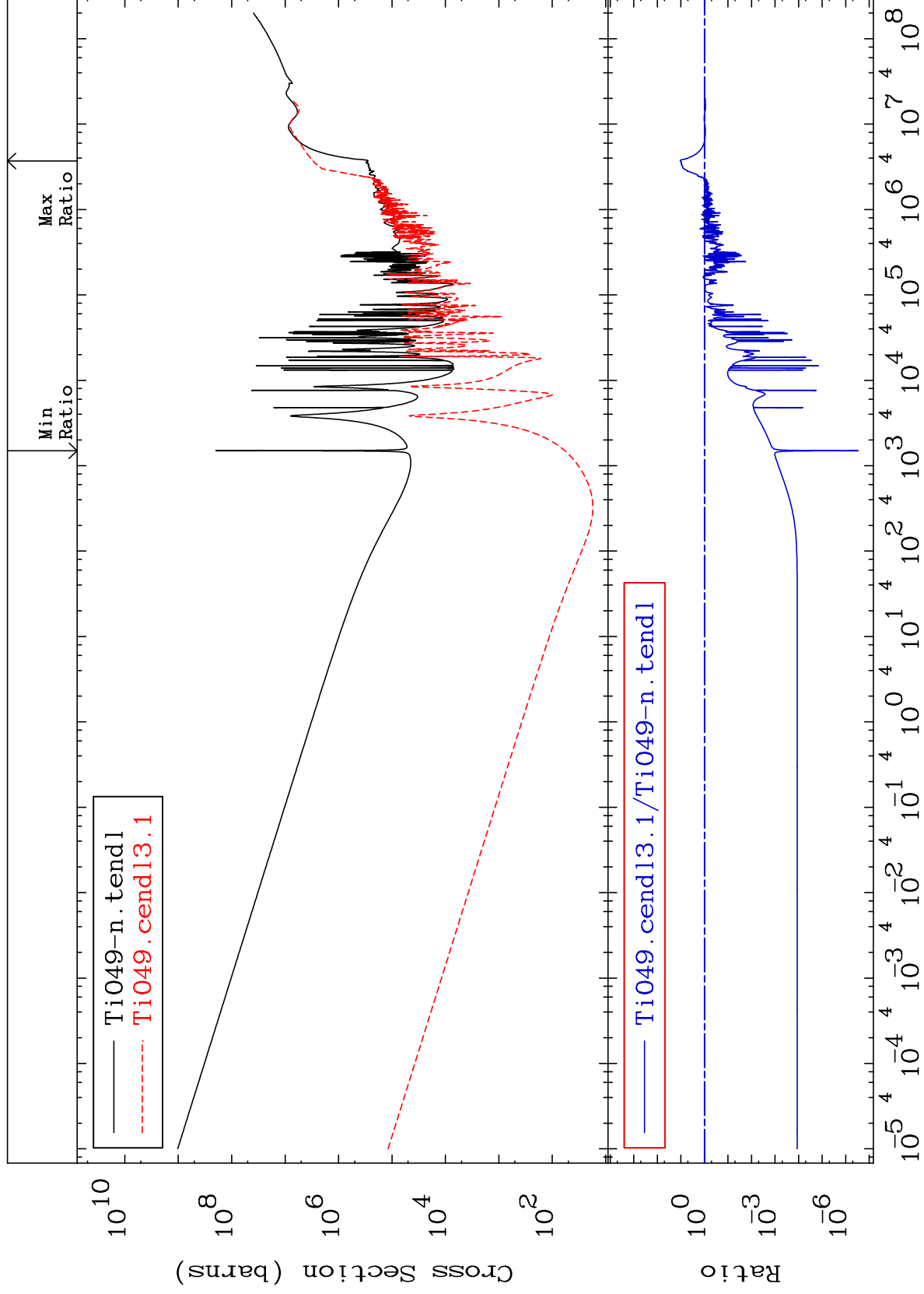


MAT 2234

Total kinematic kerma (high limit)  
Cross Section

22-Ti-49

-100.0 To 984.3 %



33

Incident Energy (eV)

22-Ti-49

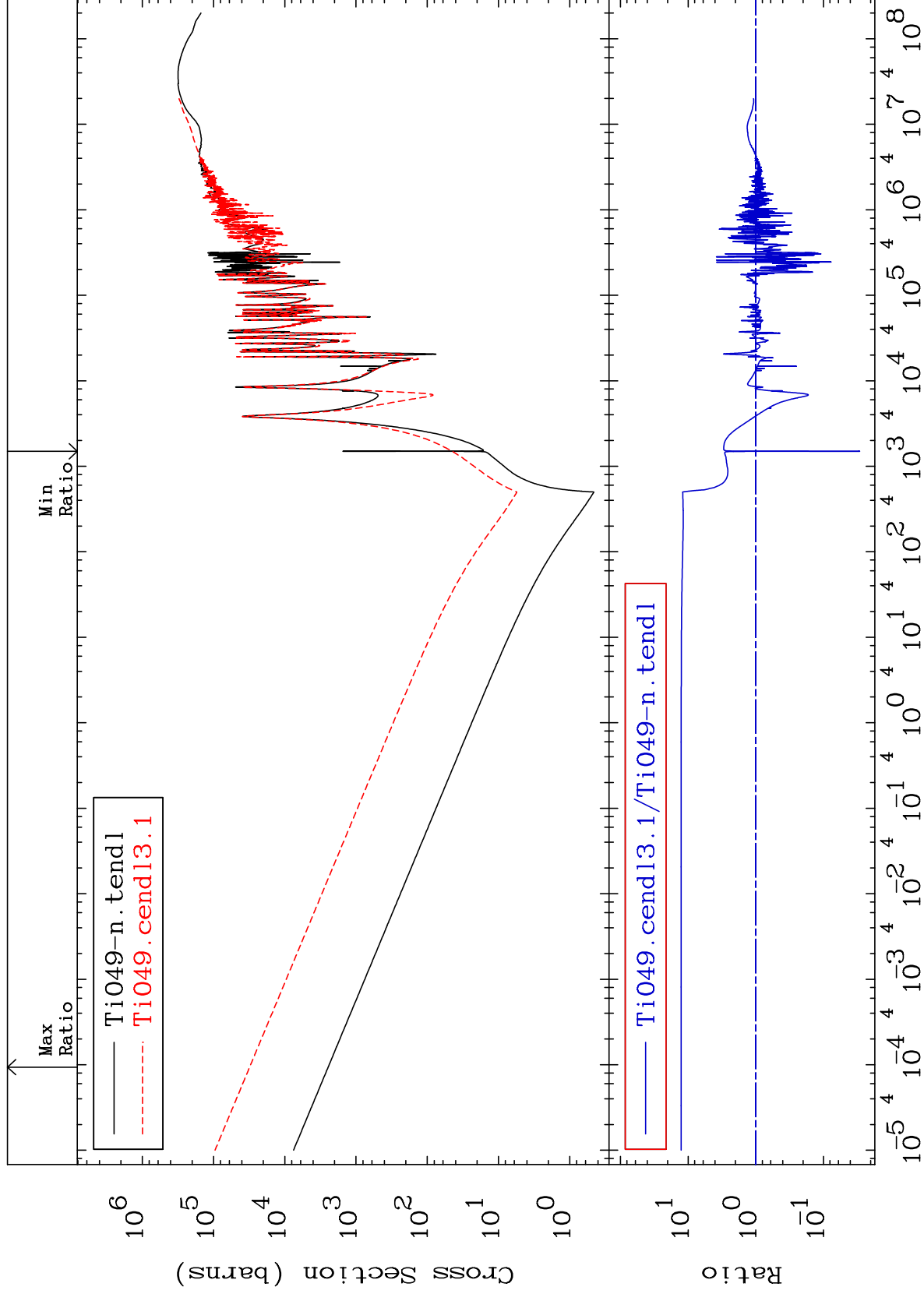
MAT 2234

Dpa total (eV-barns)

22-Ti-49

Cross Section

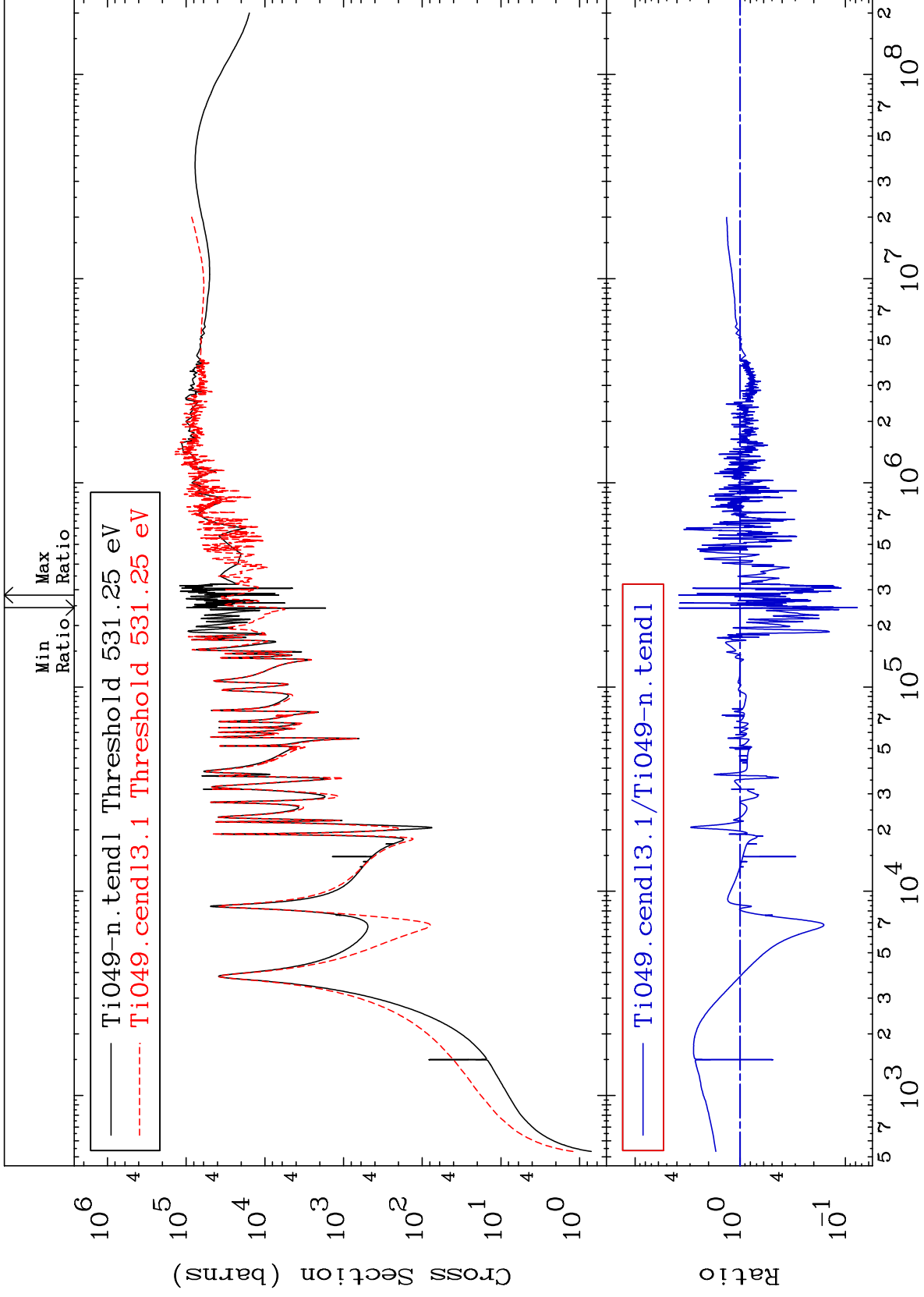
-97.08 To 1165. %



MAT 2234

Dpa elastic (mt2)  
Cross Section

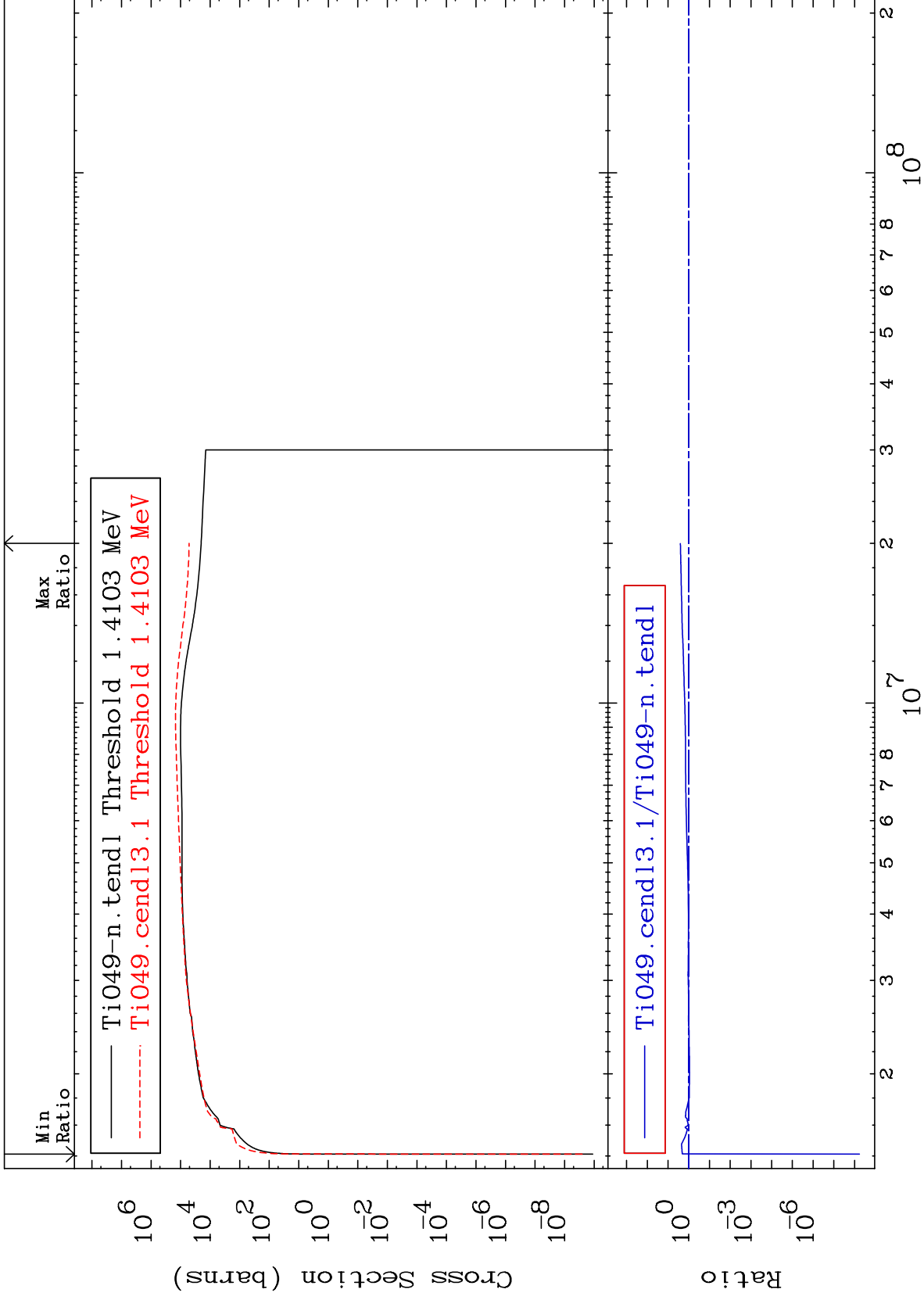
22-Ti-49  
-92.29 To 285.3 %



35

Incident Energy (eV)

22-Ti-49



MAT 2234

Dpa disappearance (mt102 -120)  
Cross Section

22-Ti-49  
-99.72 To 9999. %

