

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

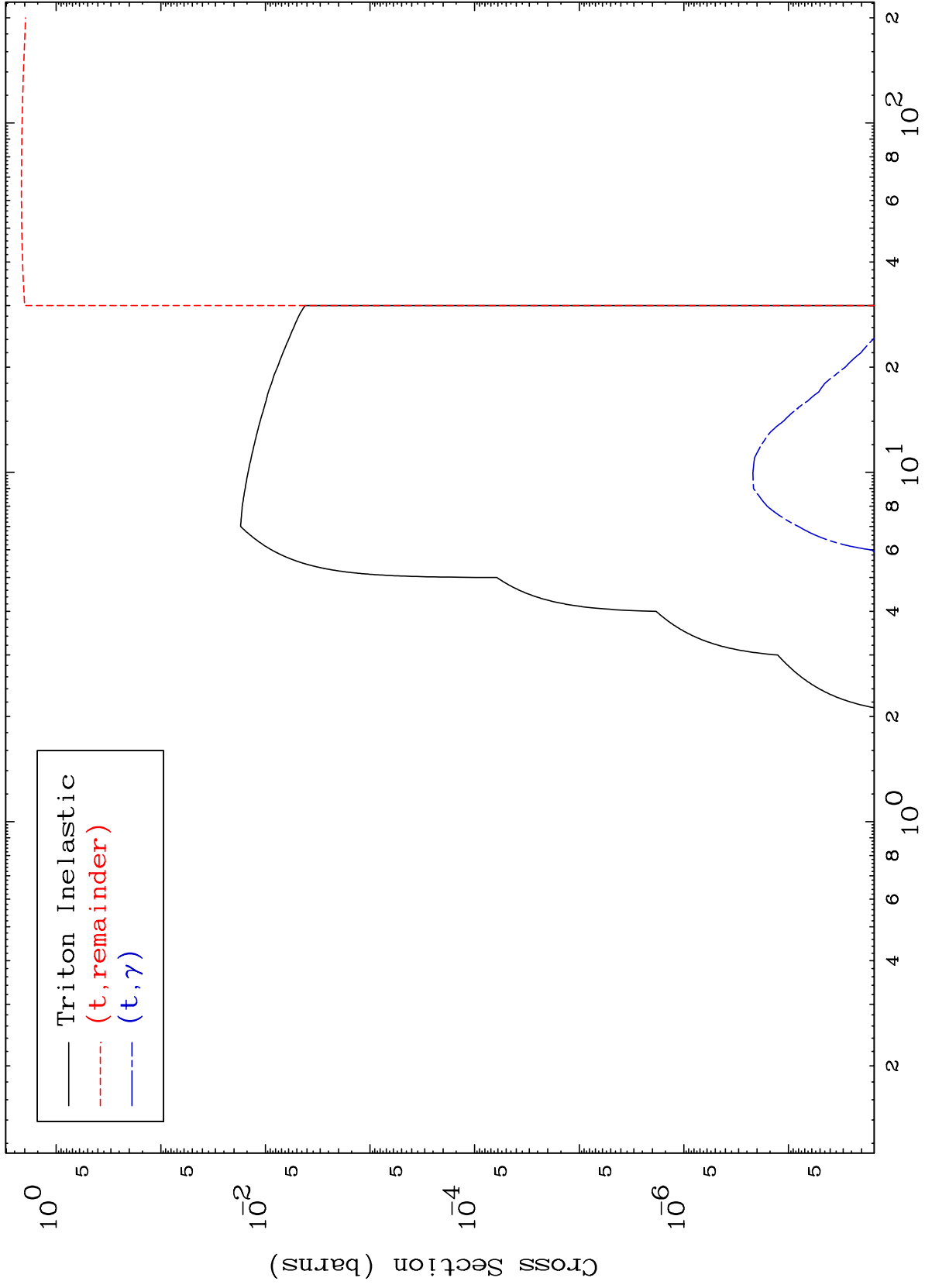
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

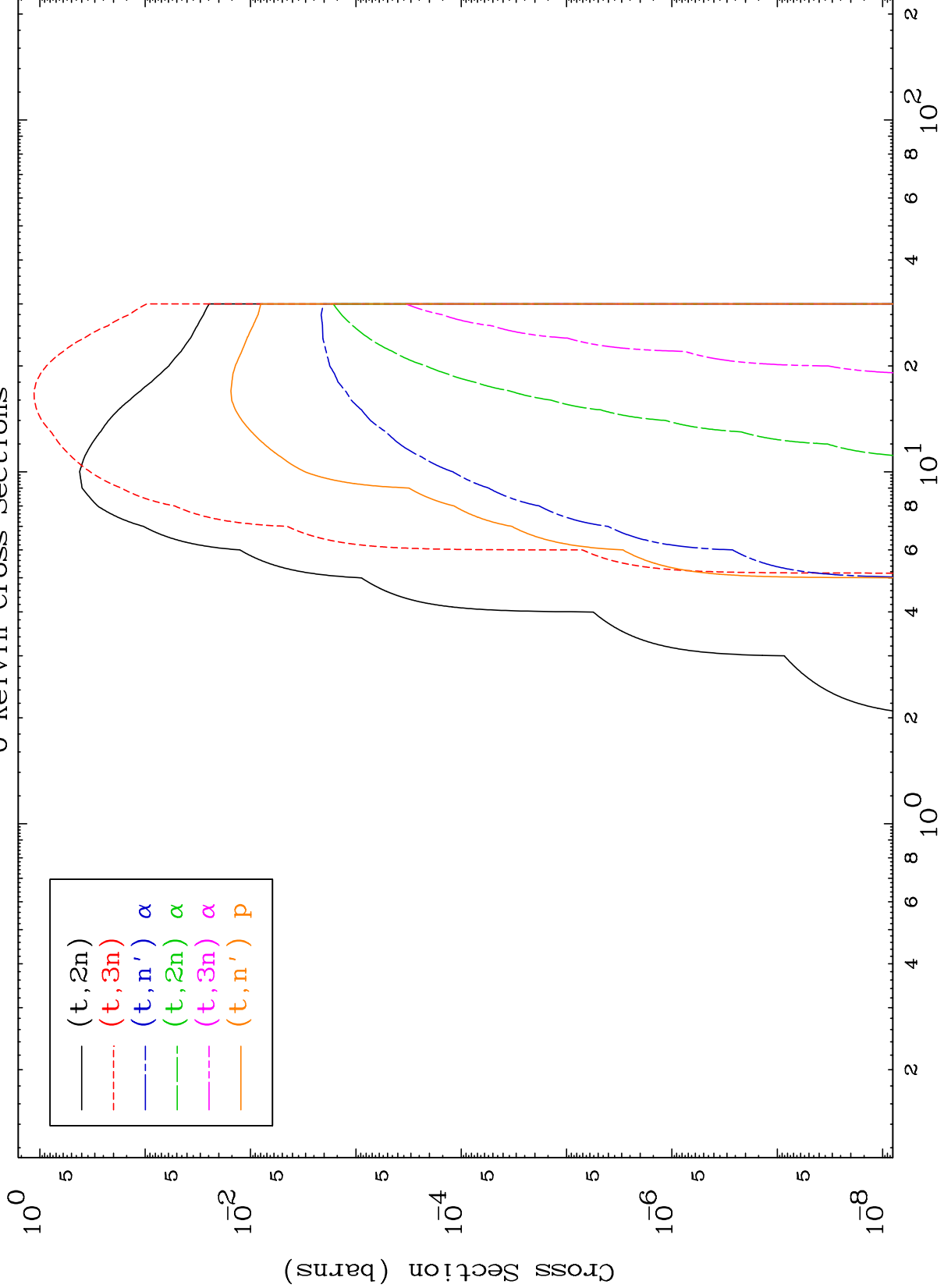
Press Mouse Button to Start

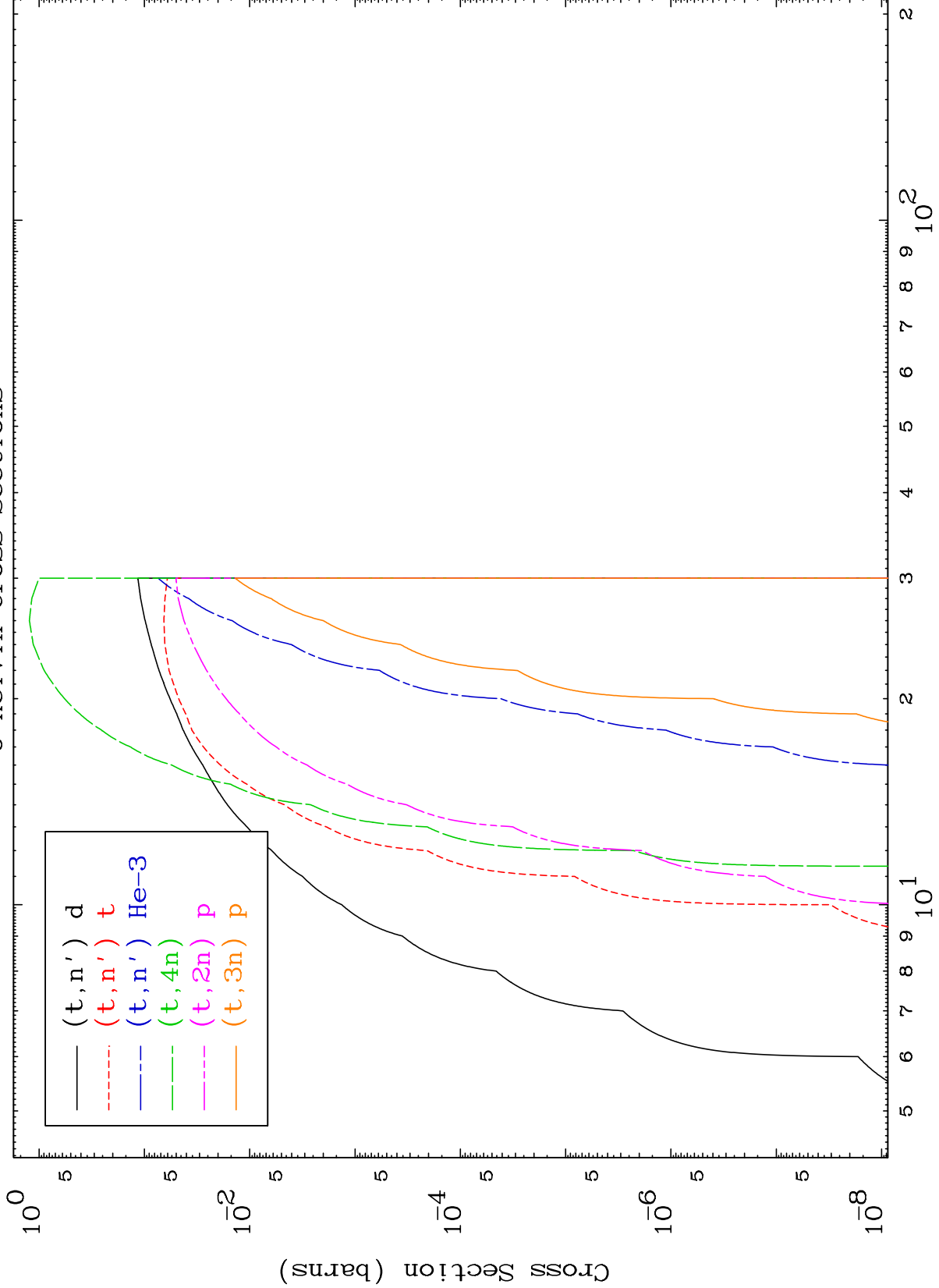
MAT 5150

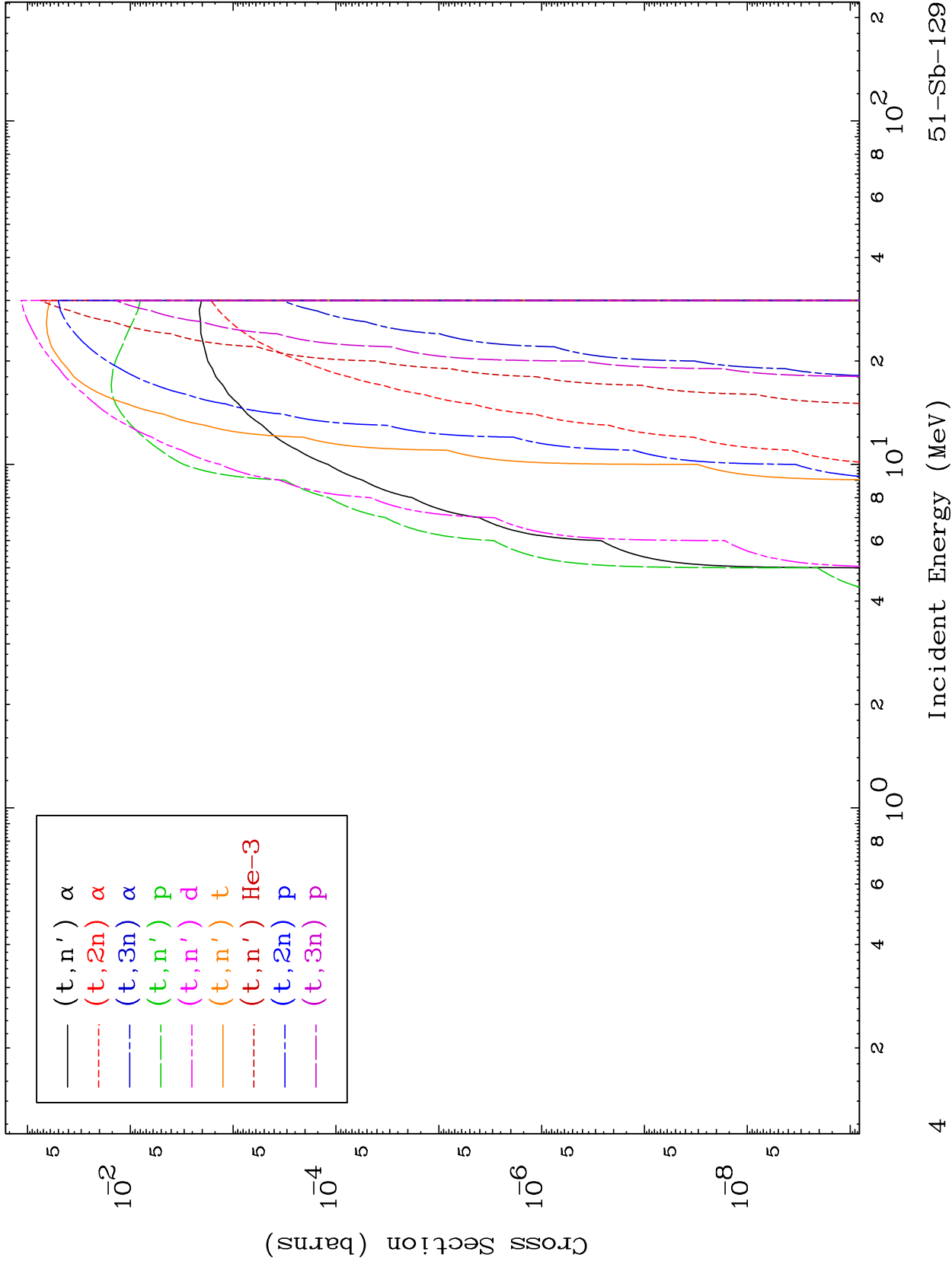
Triton Major  
0 Kelvin Cross Sections

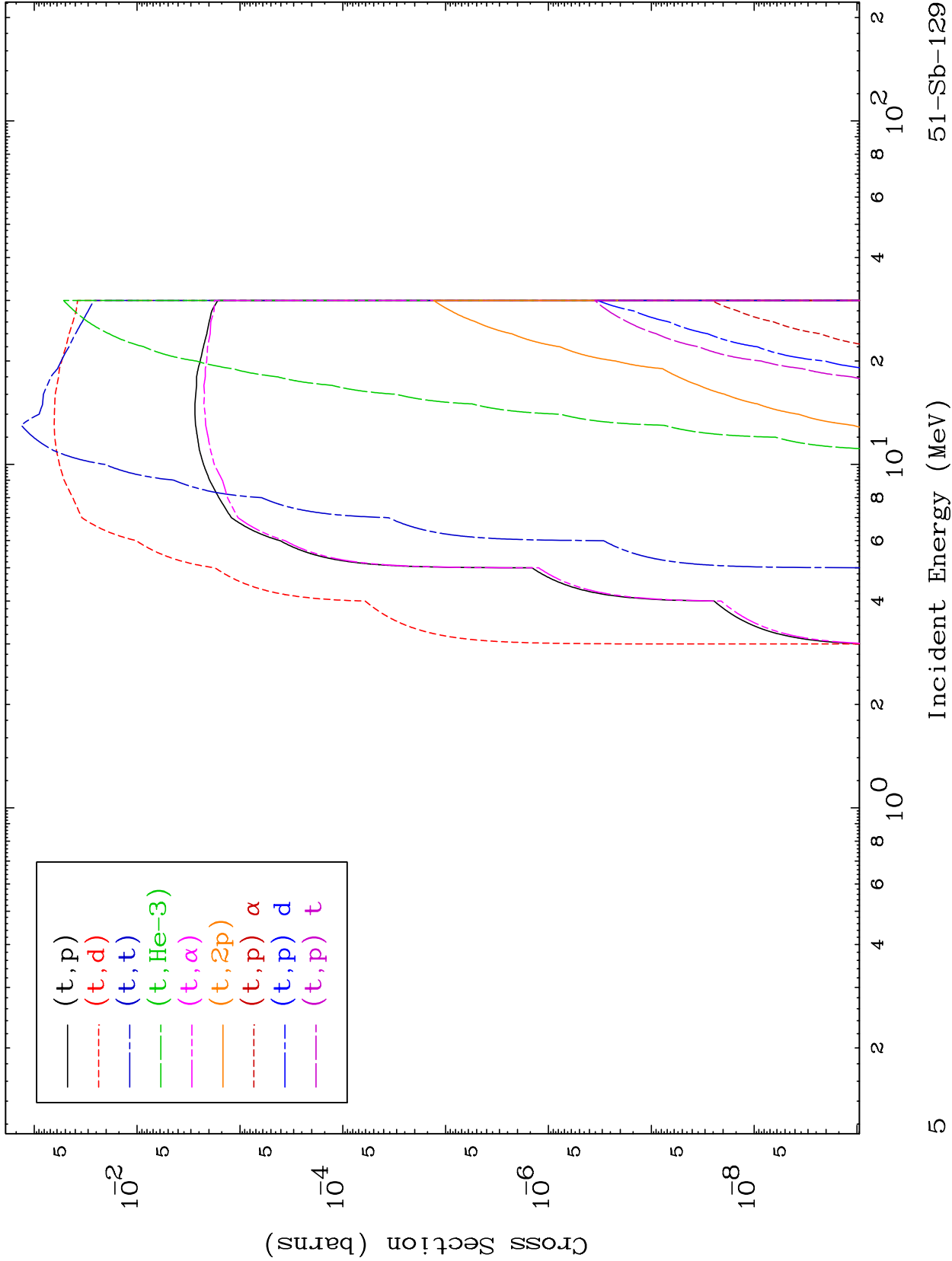
51-Sb-129









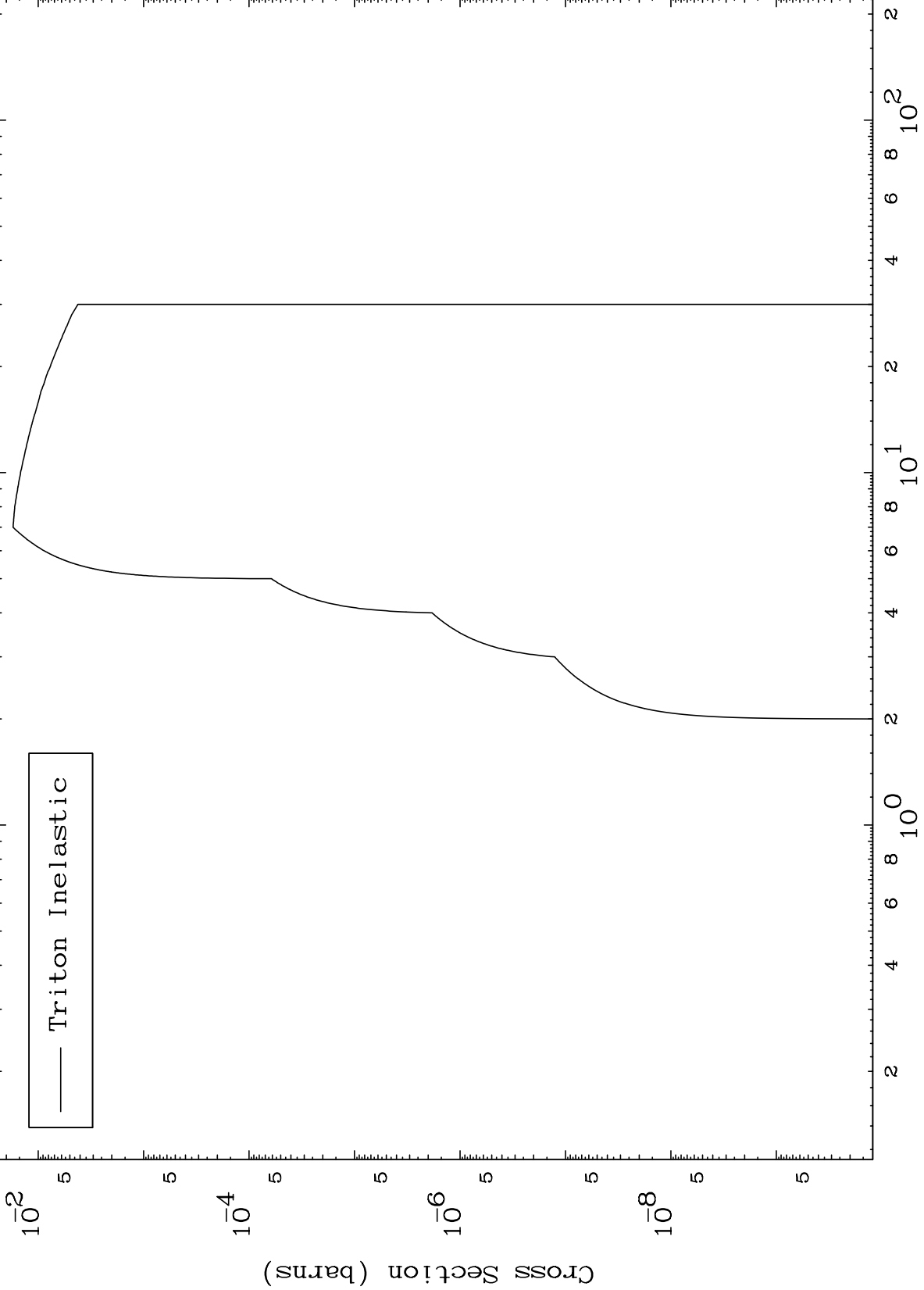


MAT 5150

(t, n') Level

51-Sb-129

0 Kelvin Cross Sections



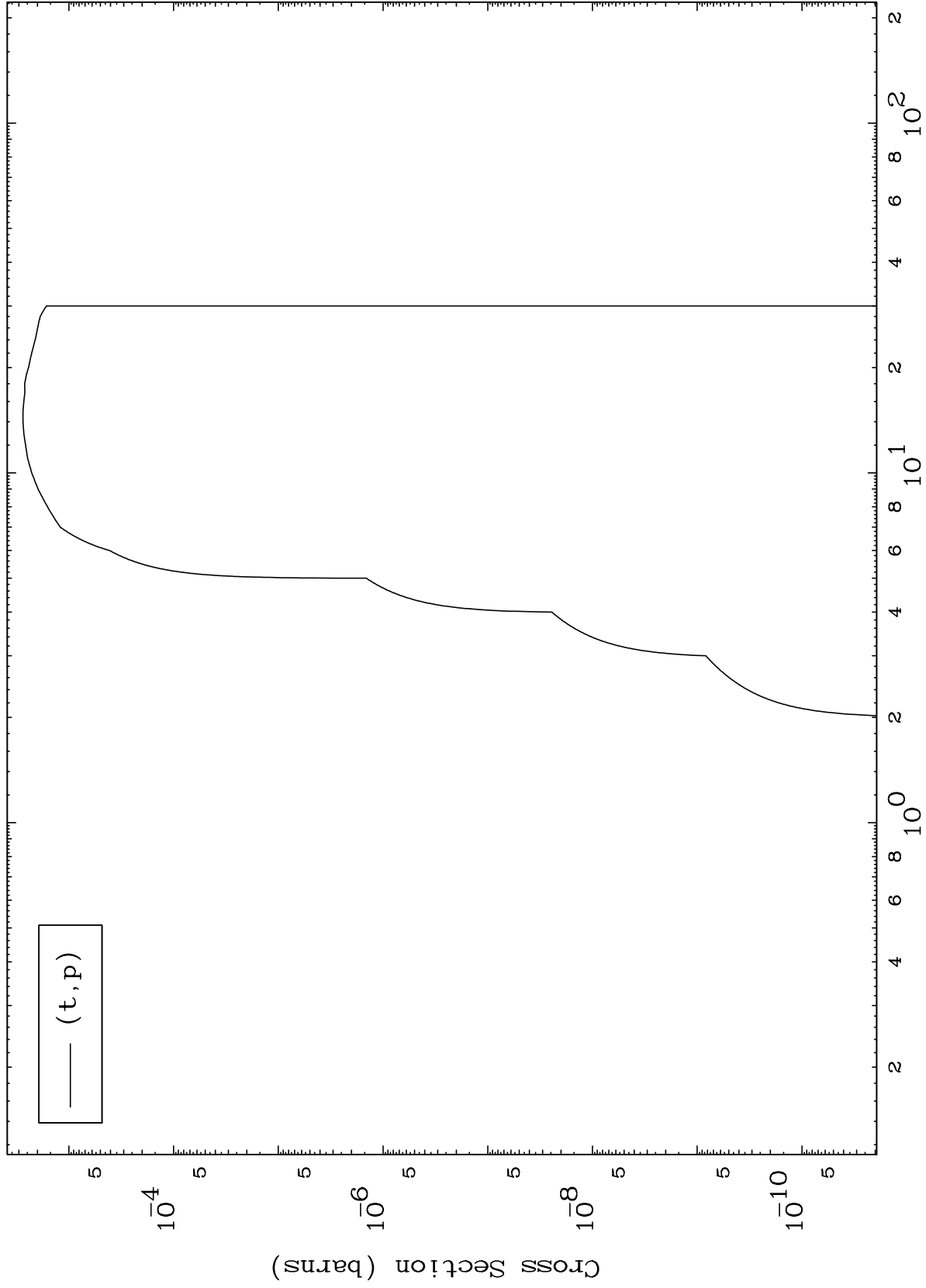
— Triton Inelastic

MAT 5150

(t,p) Levels

51-Sb-129

0 Kelvin Cross Sections

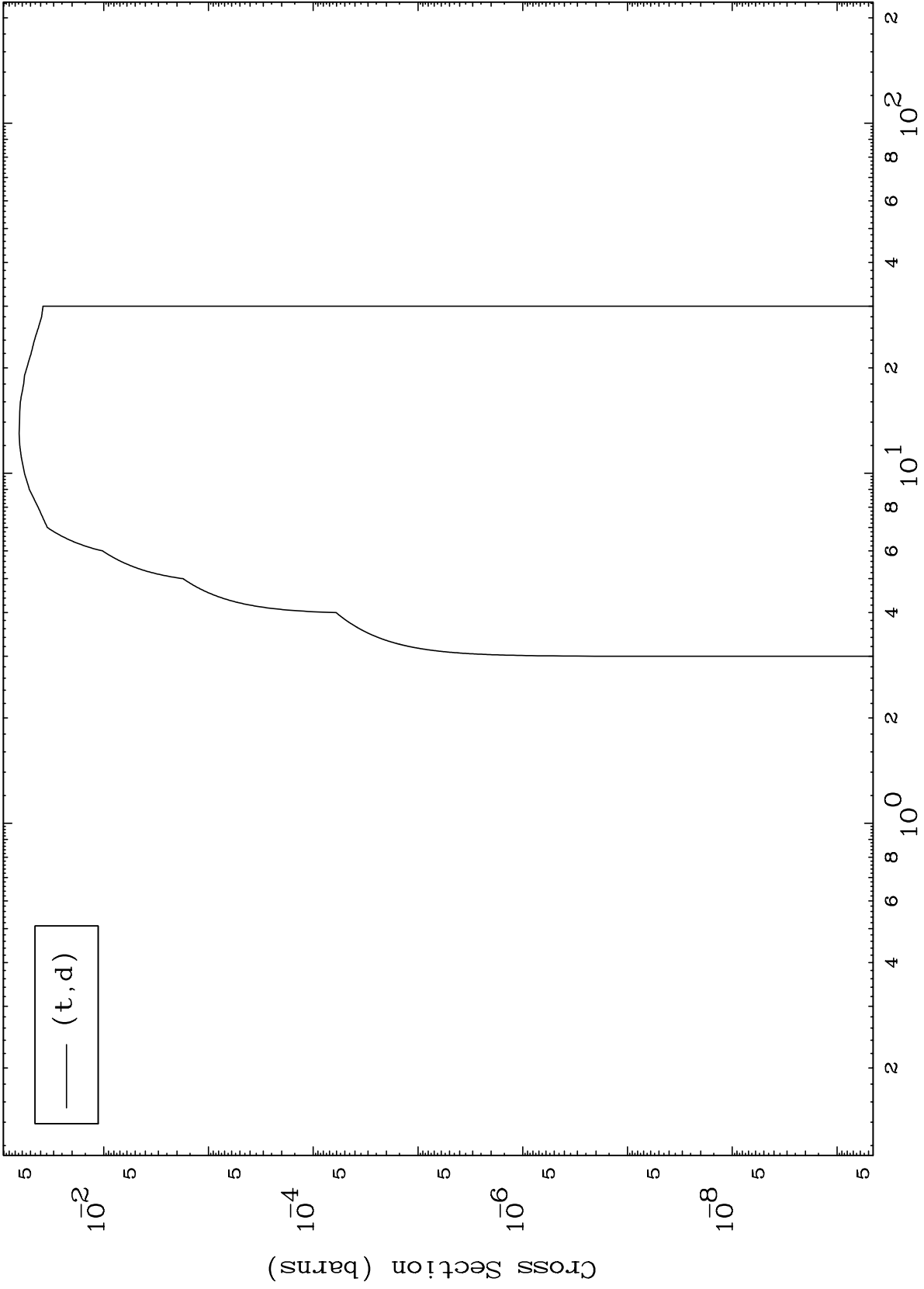




MAT 5150

51-Sb-129

(t,d) Levels  
0 Kelvin Cross Sections

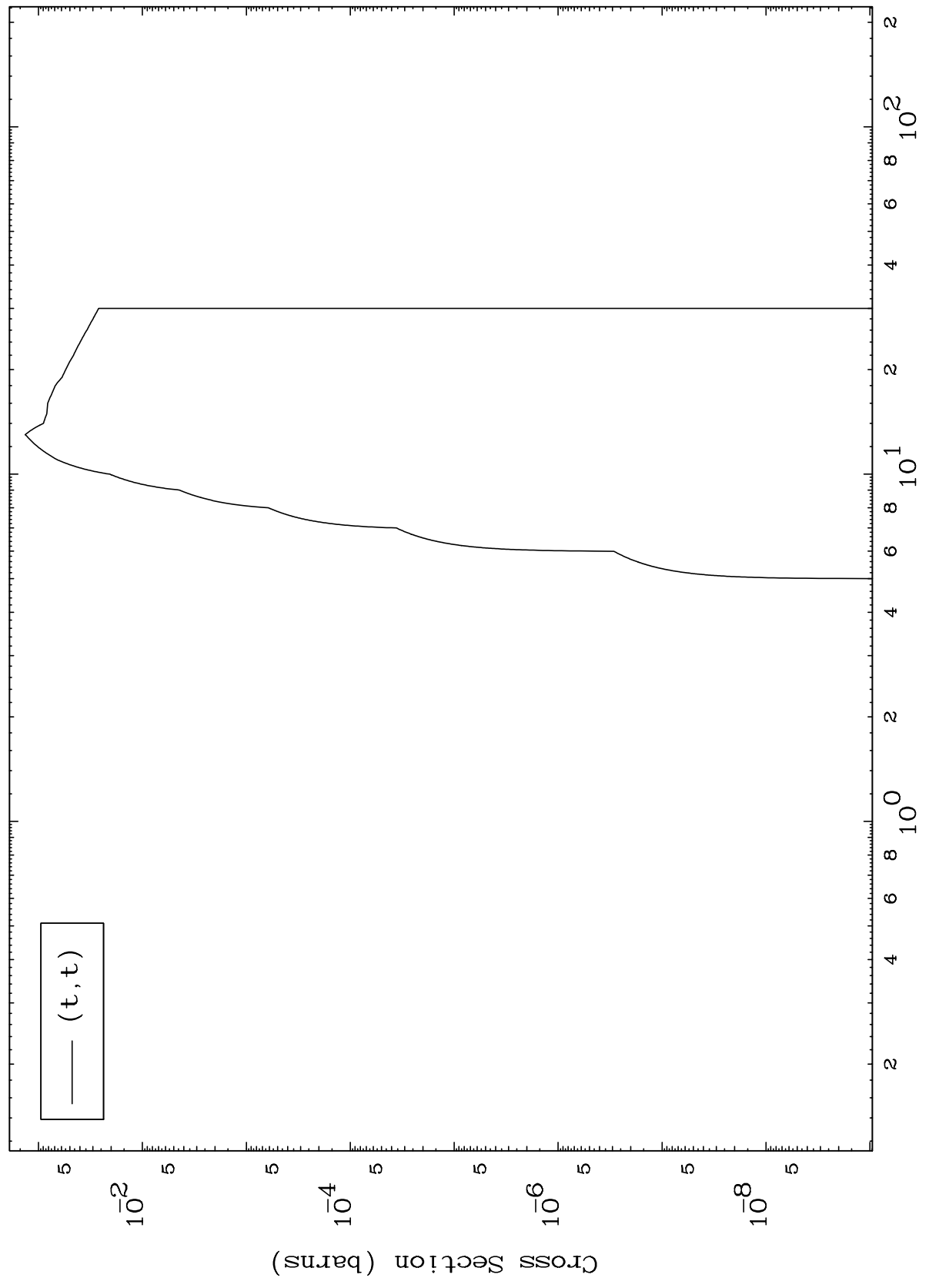


MAT 5150

(t, t) Levels

51-Sb-129

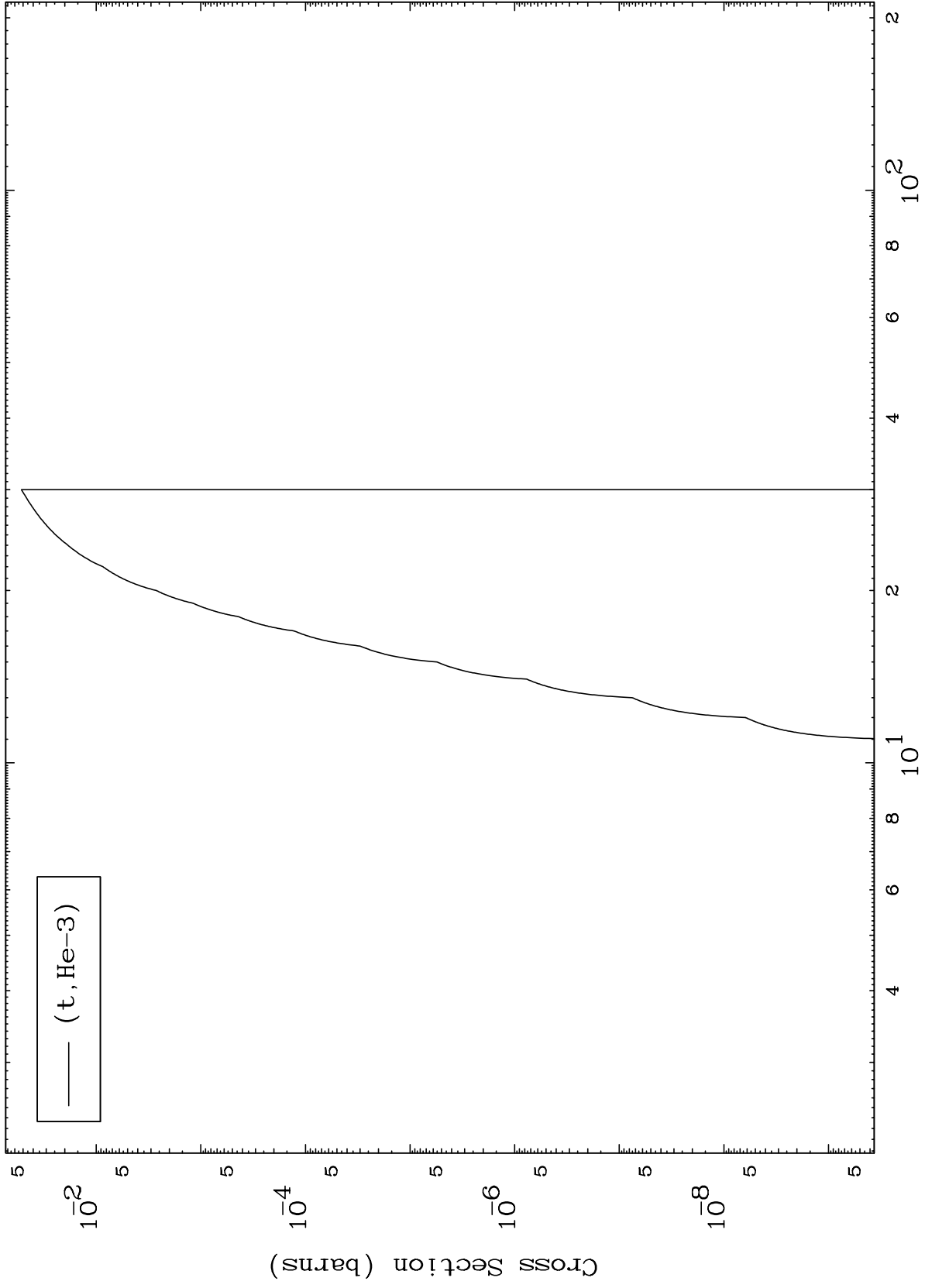
0 Kelvin Cross Sections



MAT 5150

(t,He3) Levels  
0 Kelvin Cross Sections

51-Sb-129



(t, He-3)

10

Incident Energy (MeV)

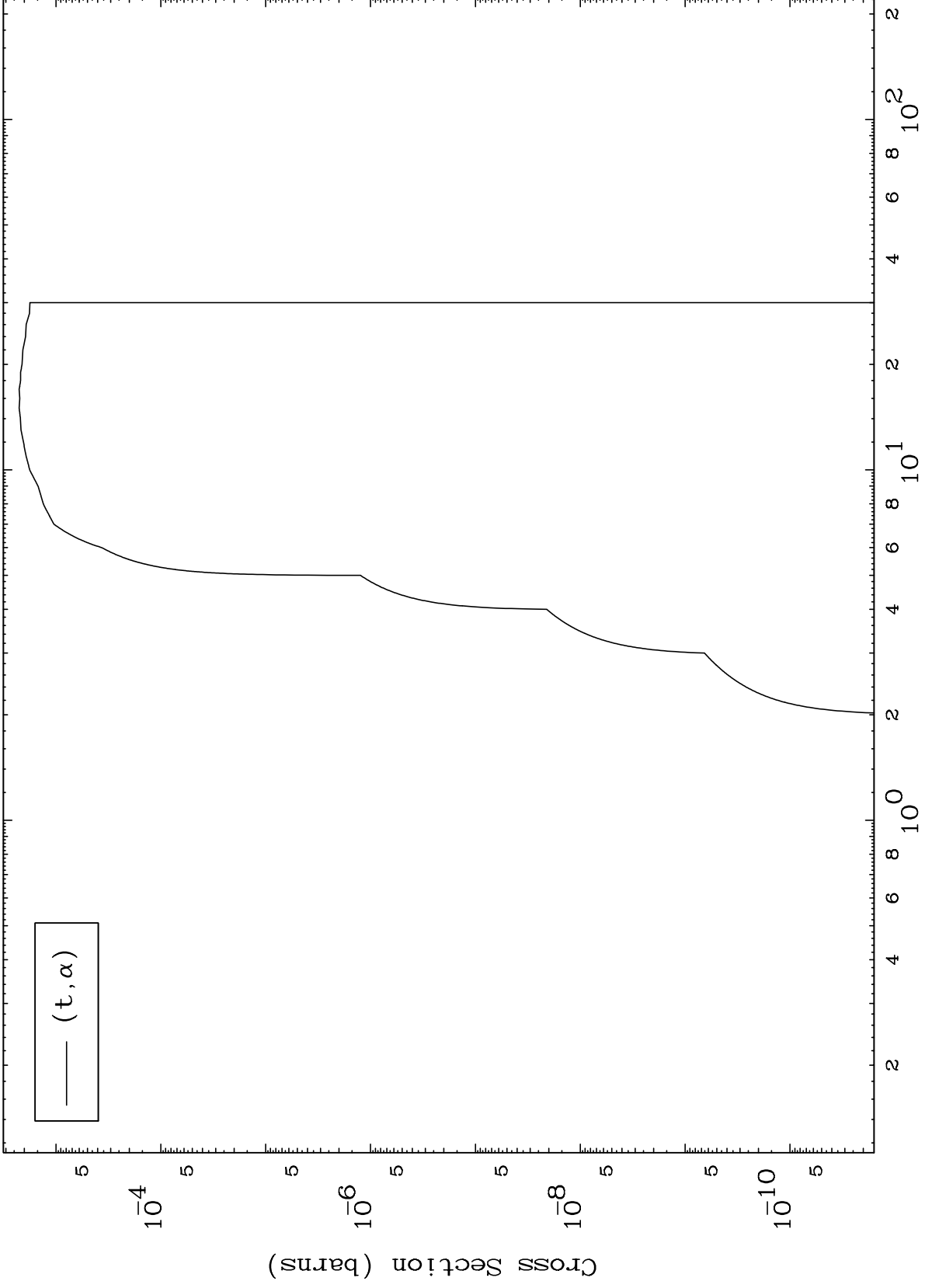
51-Sb-129

MAT 5150

(t,  $\alpha$ ) Levels

51-Sb-129

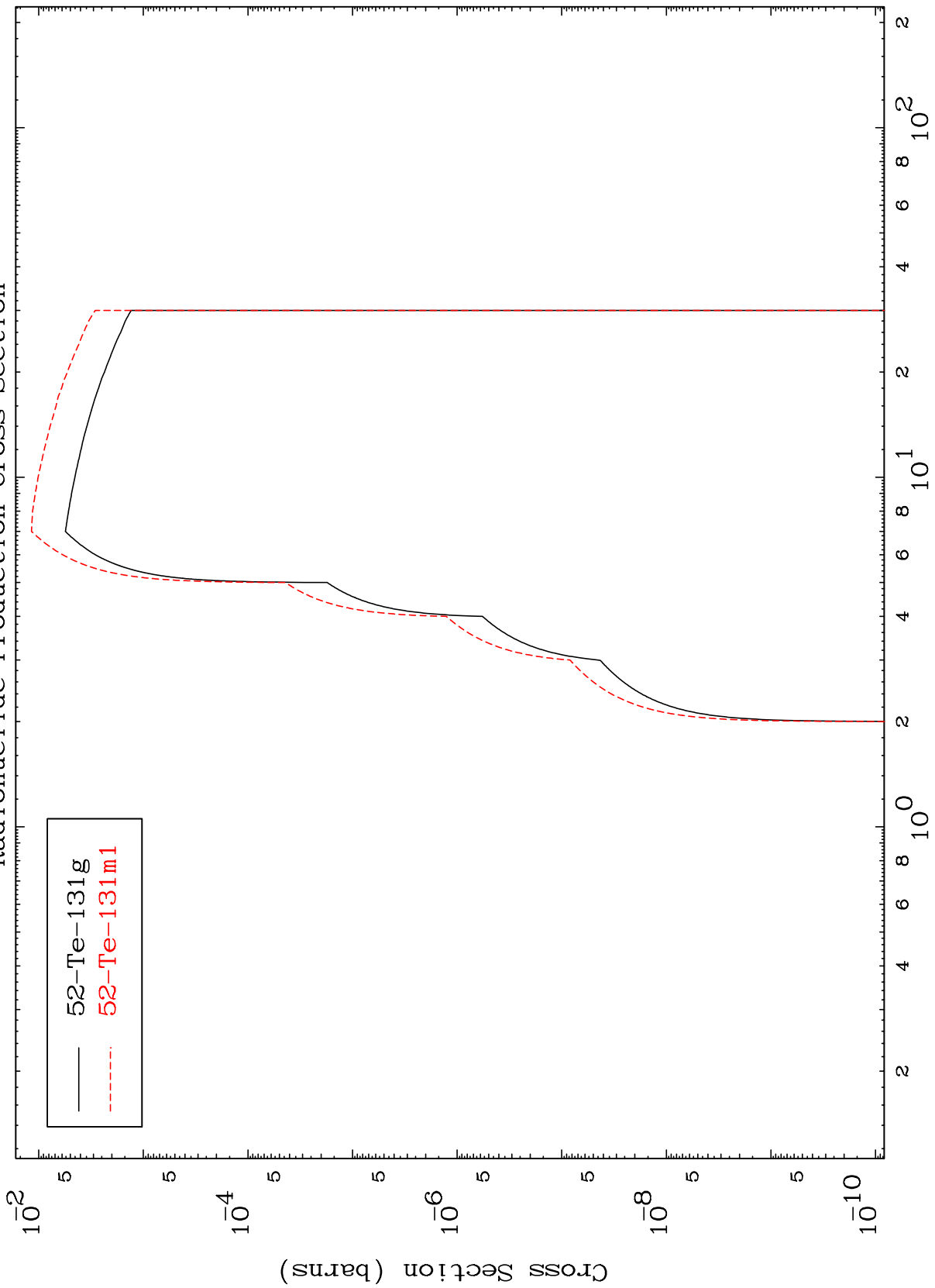
0 Kelvin Cross Sections



MAT 5150

51-Sb-129

Triton Inelastic  
Radionuclide Production Cross Section

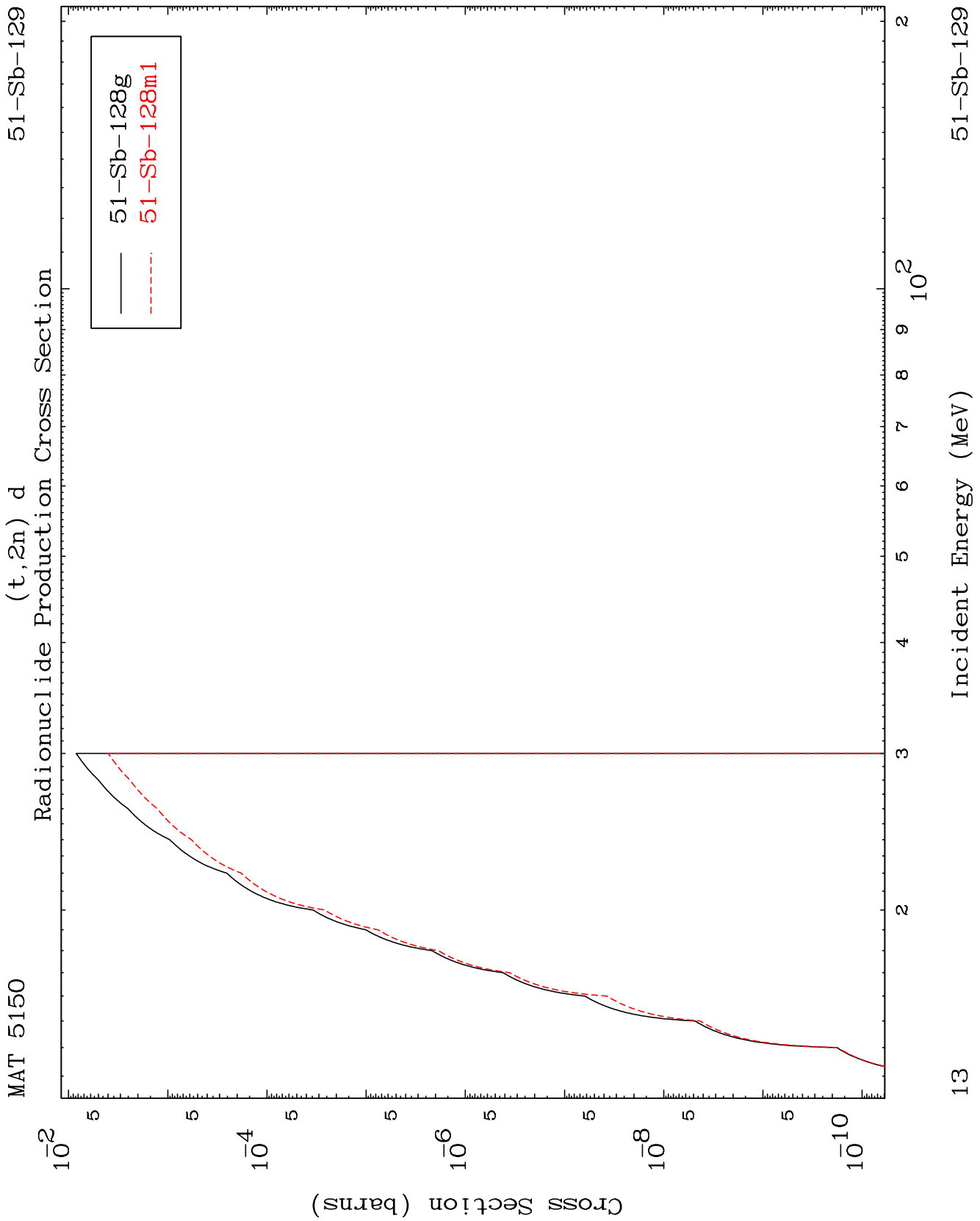


52-Te-131g  
52-Te-131m1

51-Sb-129

Incident Energy (MeV)

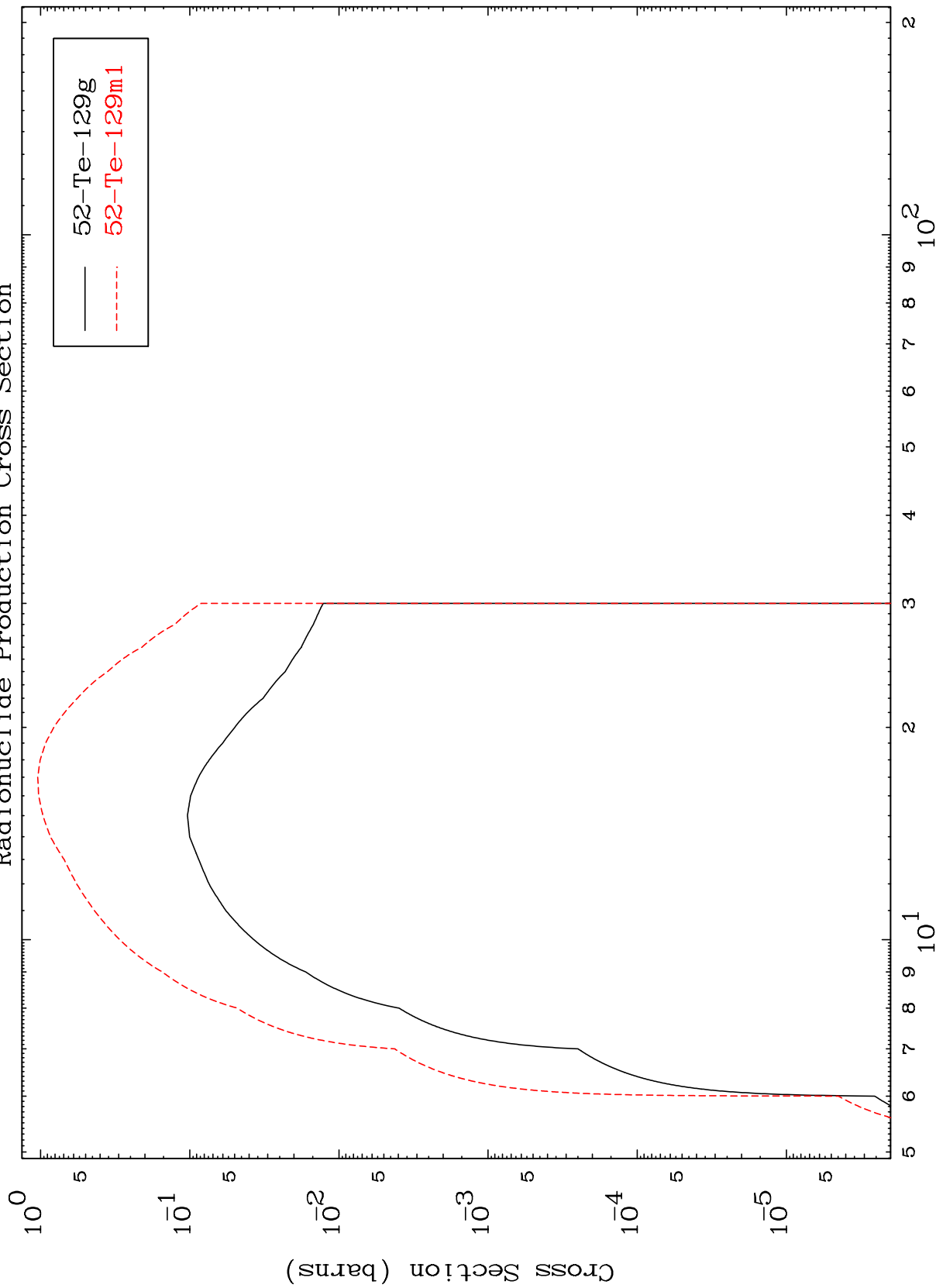
12



MAT 5150

51-Sb-129

Radionuclide Production Cross Section



51-Sb-129

Incident Energy (MeV)

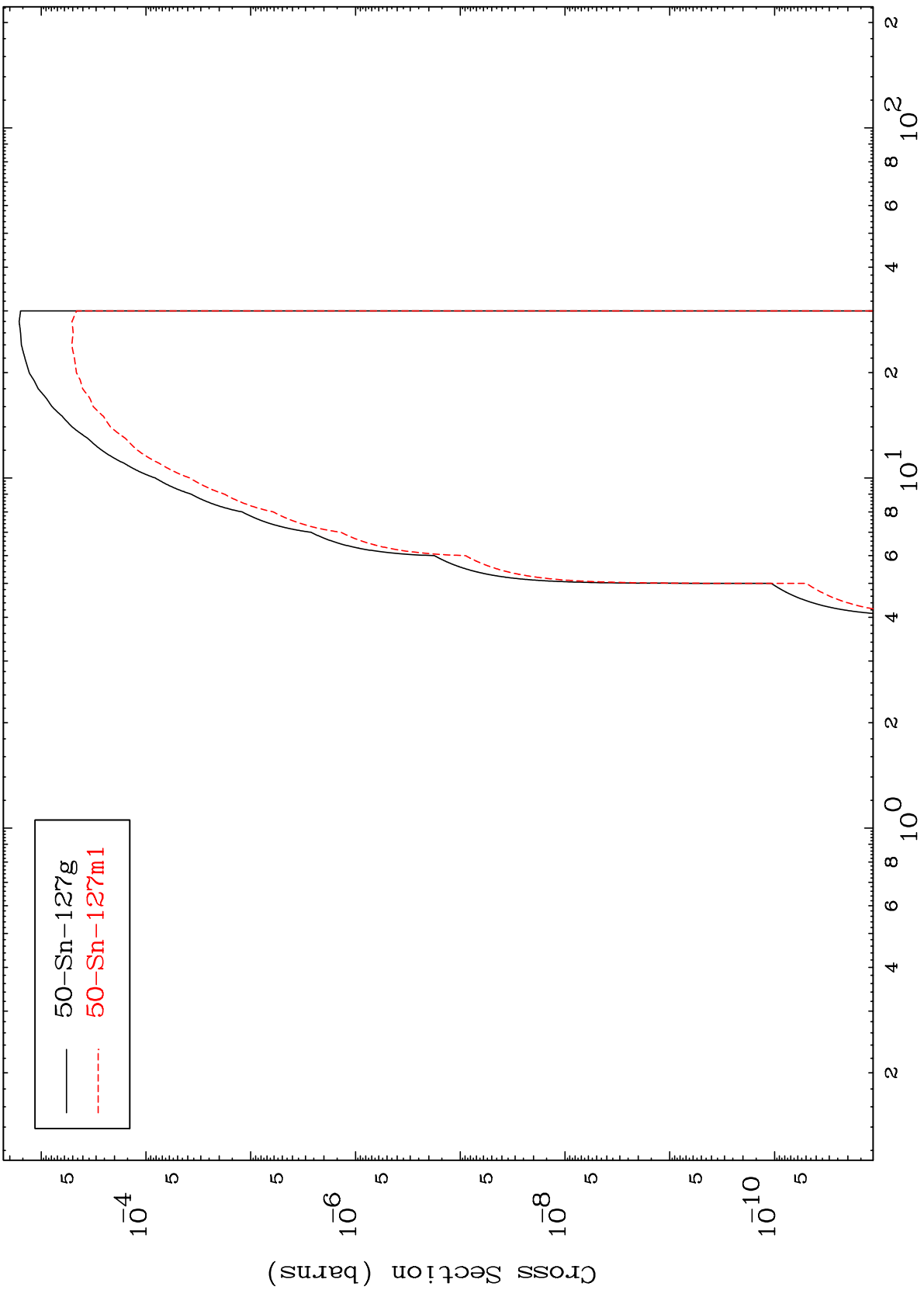
14

MAT 5150

(t,n')  $\alpha$

51-Sb-129

Radionuclide Production Cross Section



15

Incident Energy (MeV)

51-Sb-129

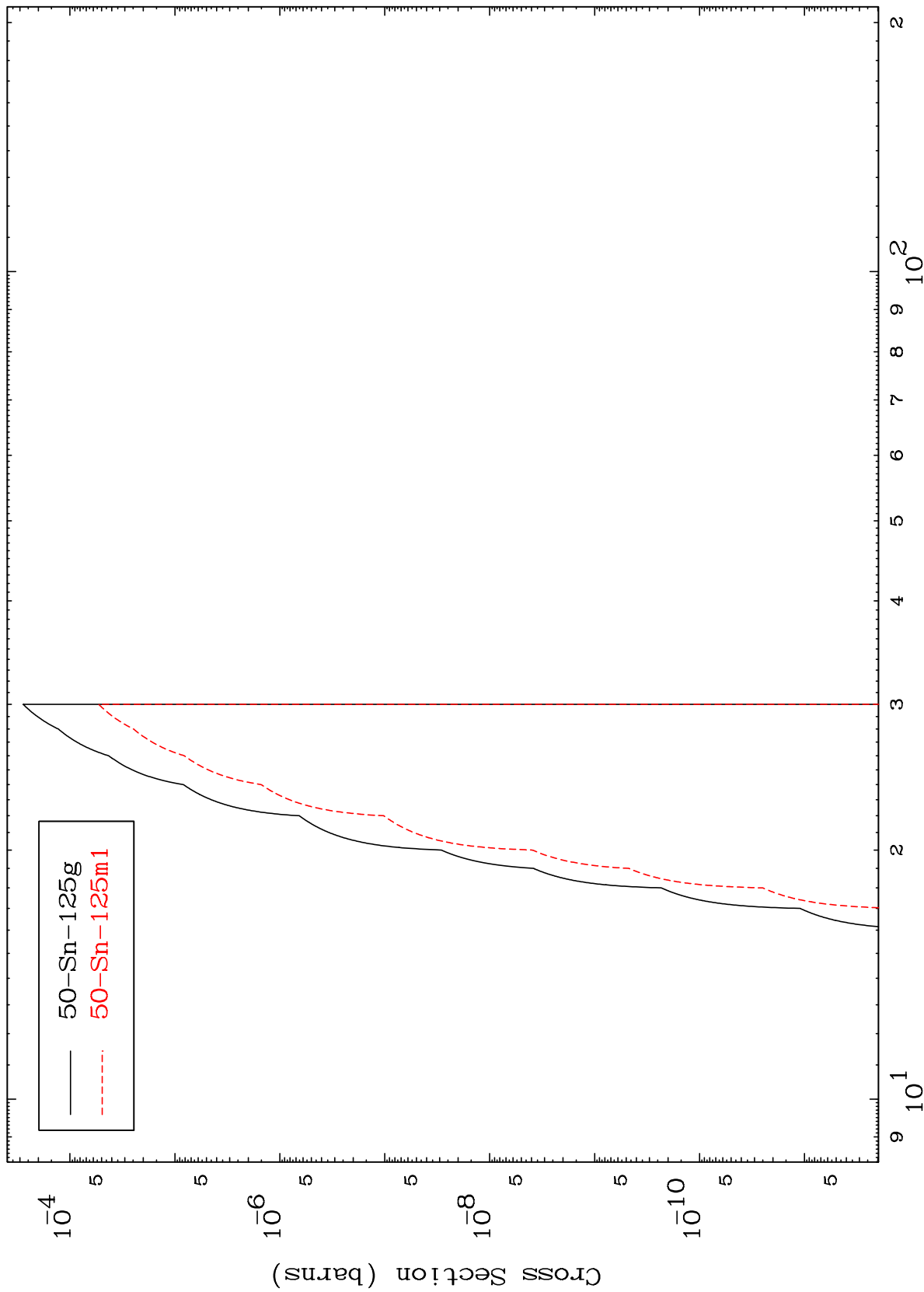


MAT 5150

(t,3n)  $\alpha$

51-Sb-129

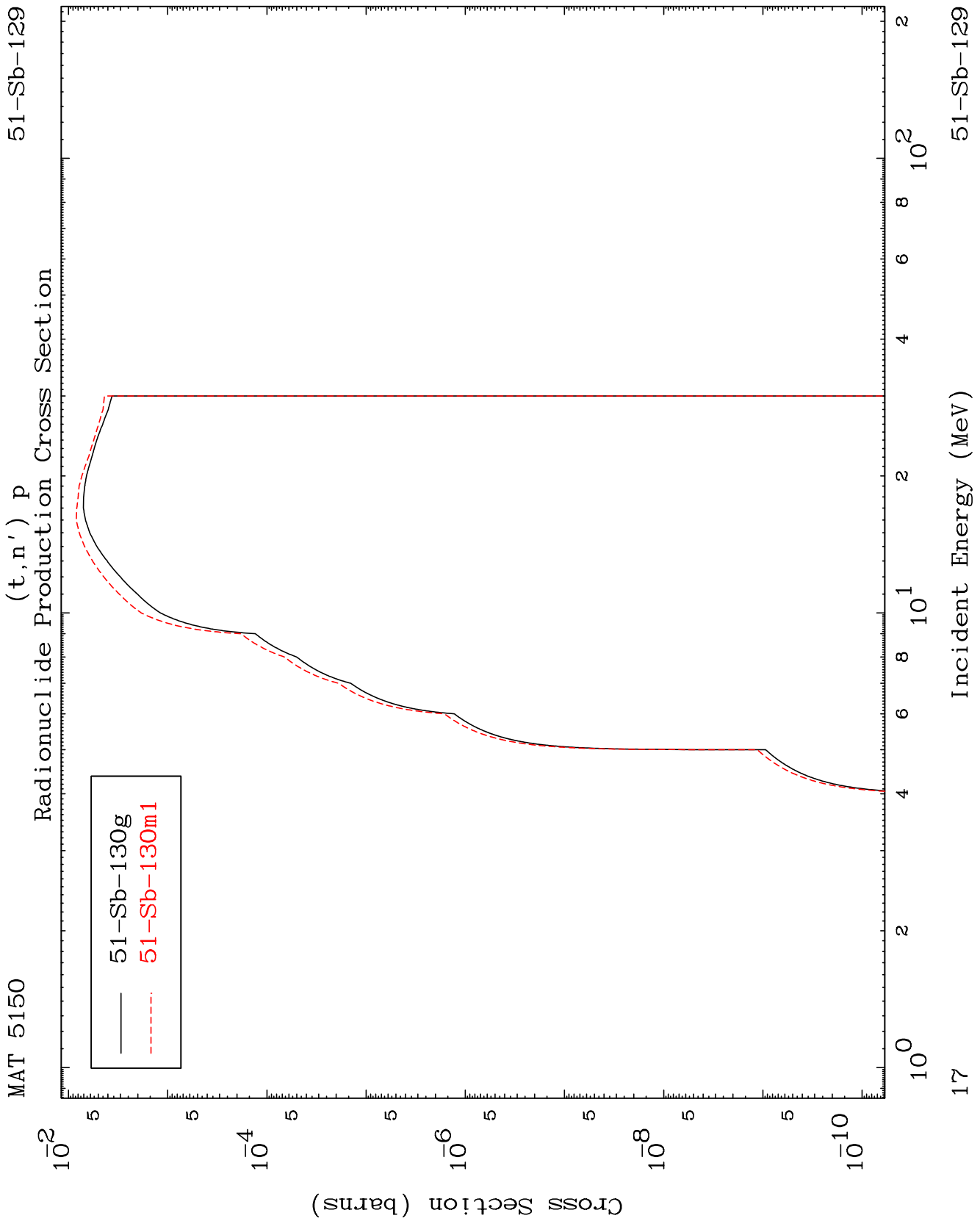
Radionuclide Production Cross Section



16

Incident Energy (MeV)

51-Sb-129

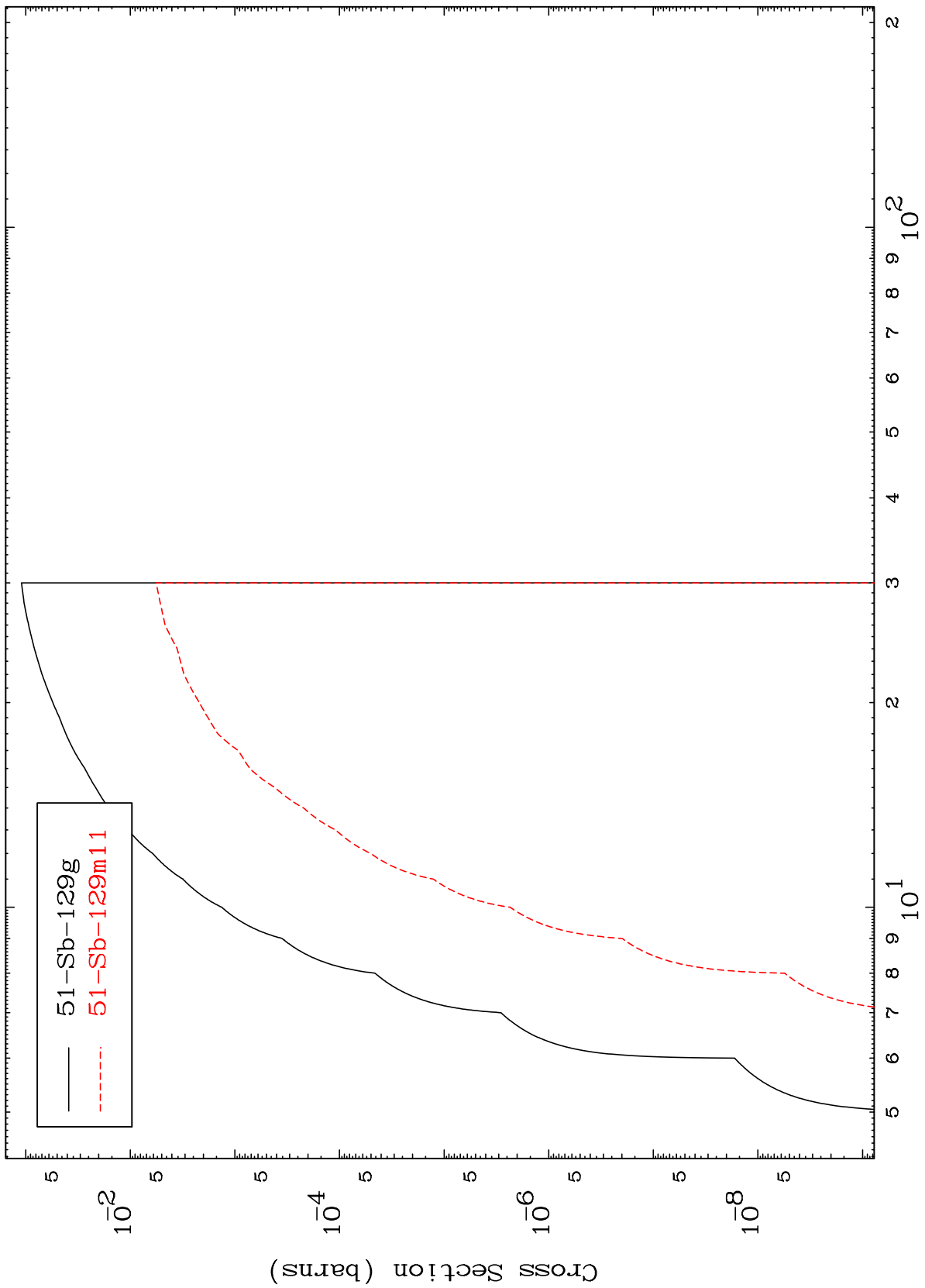


MAT 5150

(t,n') d

51-Sb-129

Radionuclide Production Cross Section



18

Incident Energy (MeV)

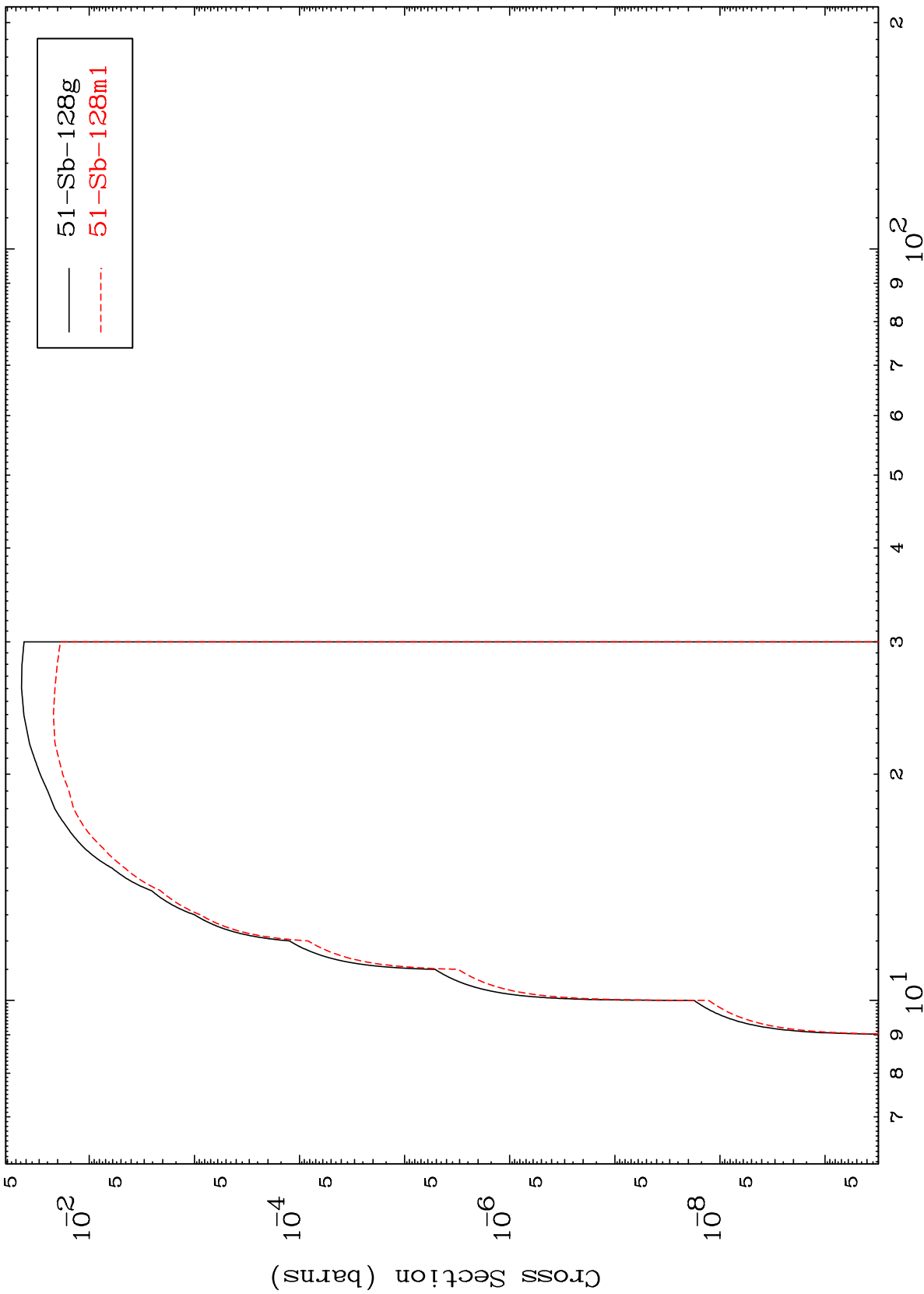
51-Sb-129

MAT 5150

(t,n') t

51-Sb-129

Radionuclide Production Cross Section



19

Incident Energy (MeV)

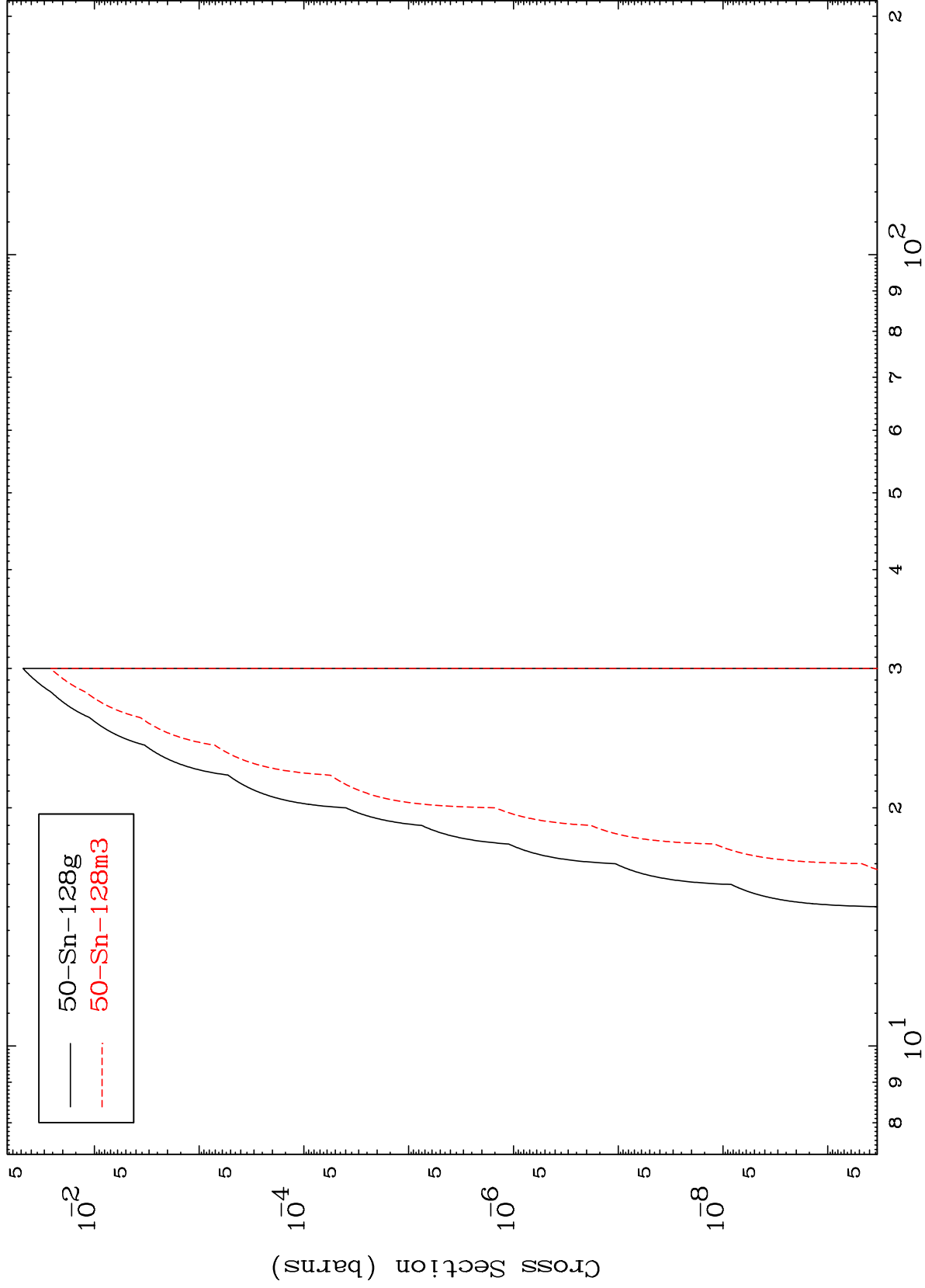
51-Sb-129

MAT 5150

(t,n') He-3

51-Sb-129

Radionuclide Production Cross Section



20

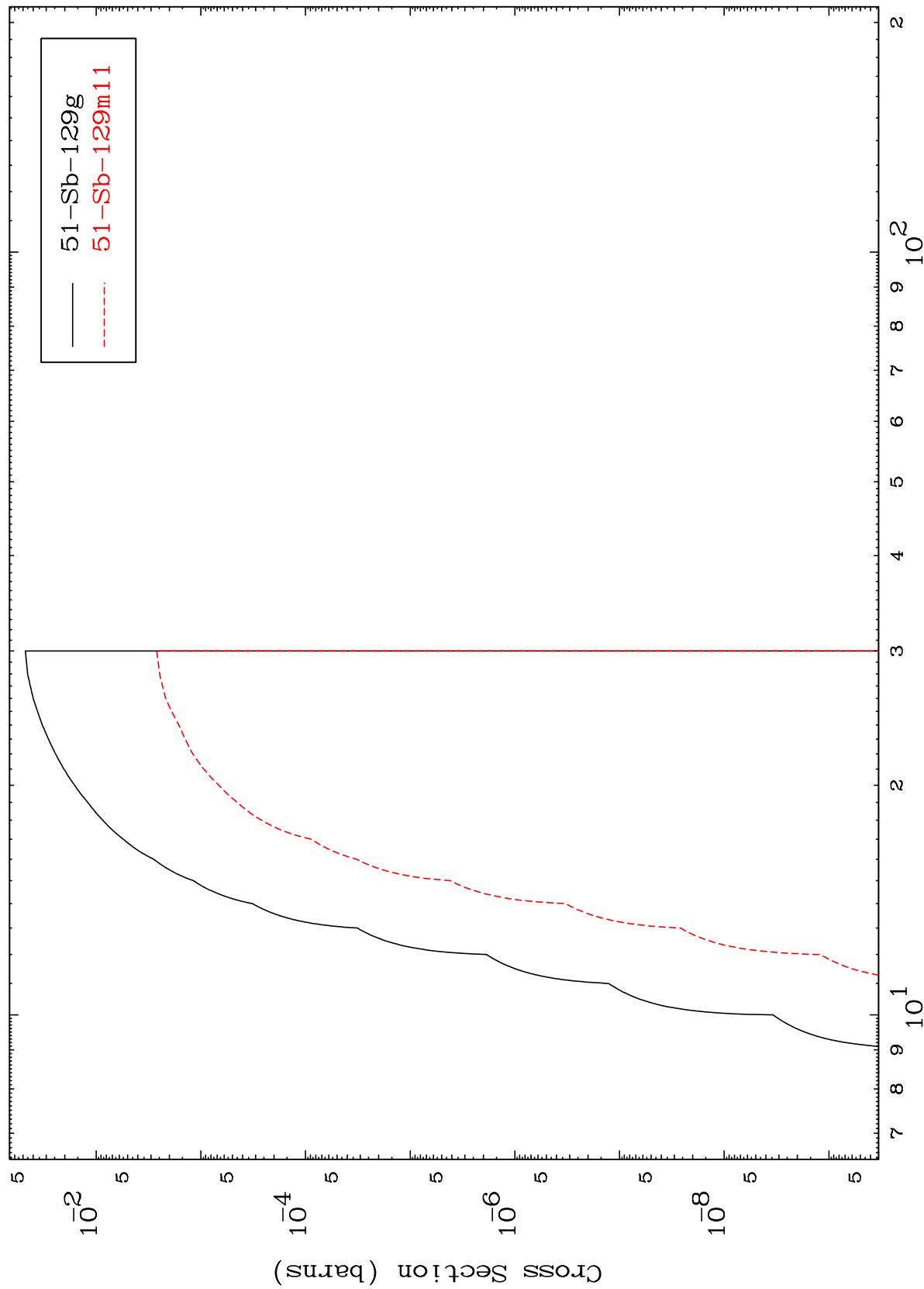
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

(t,2n) p  
Radionuclide Production Cross Section



21

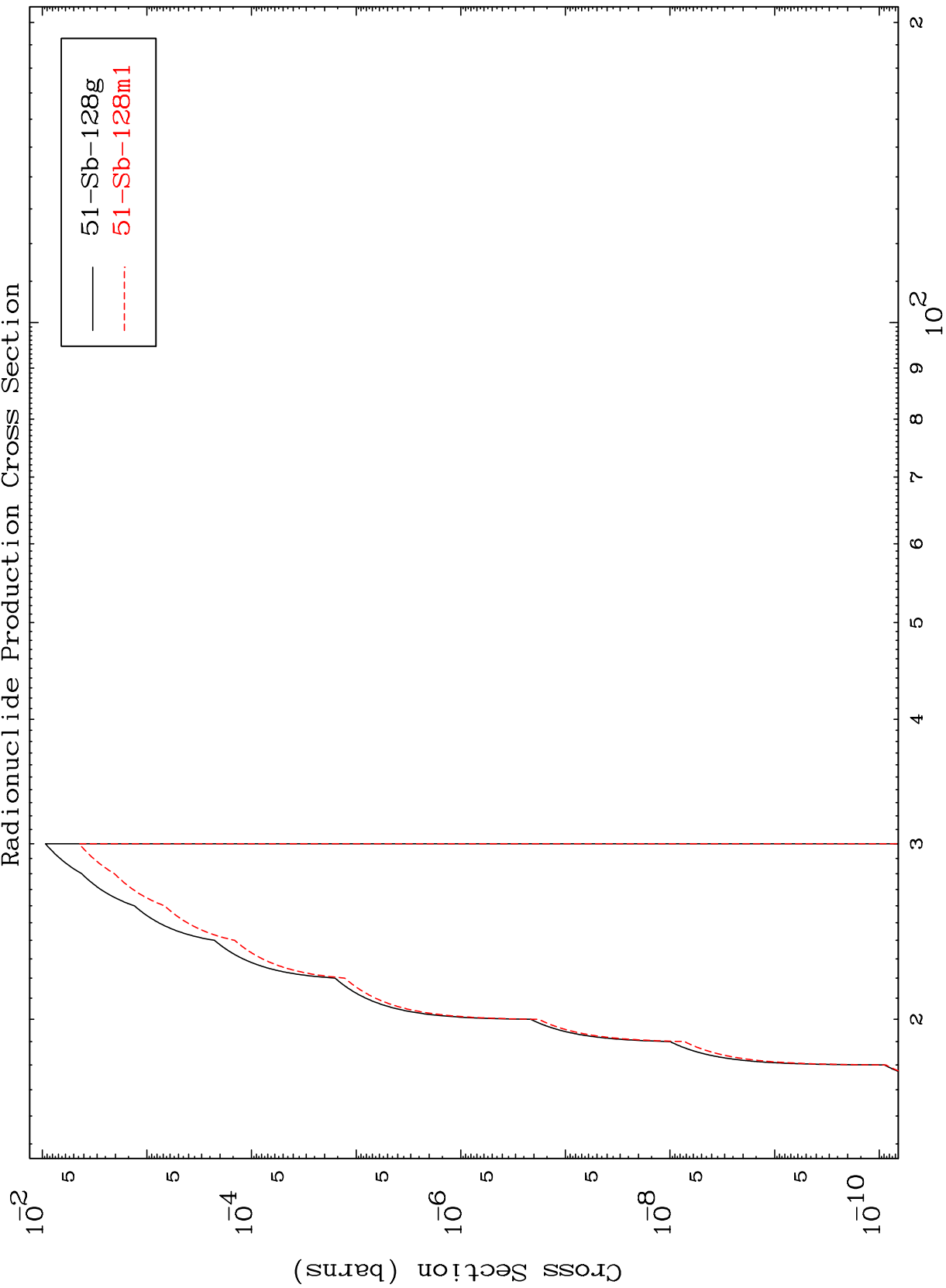
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

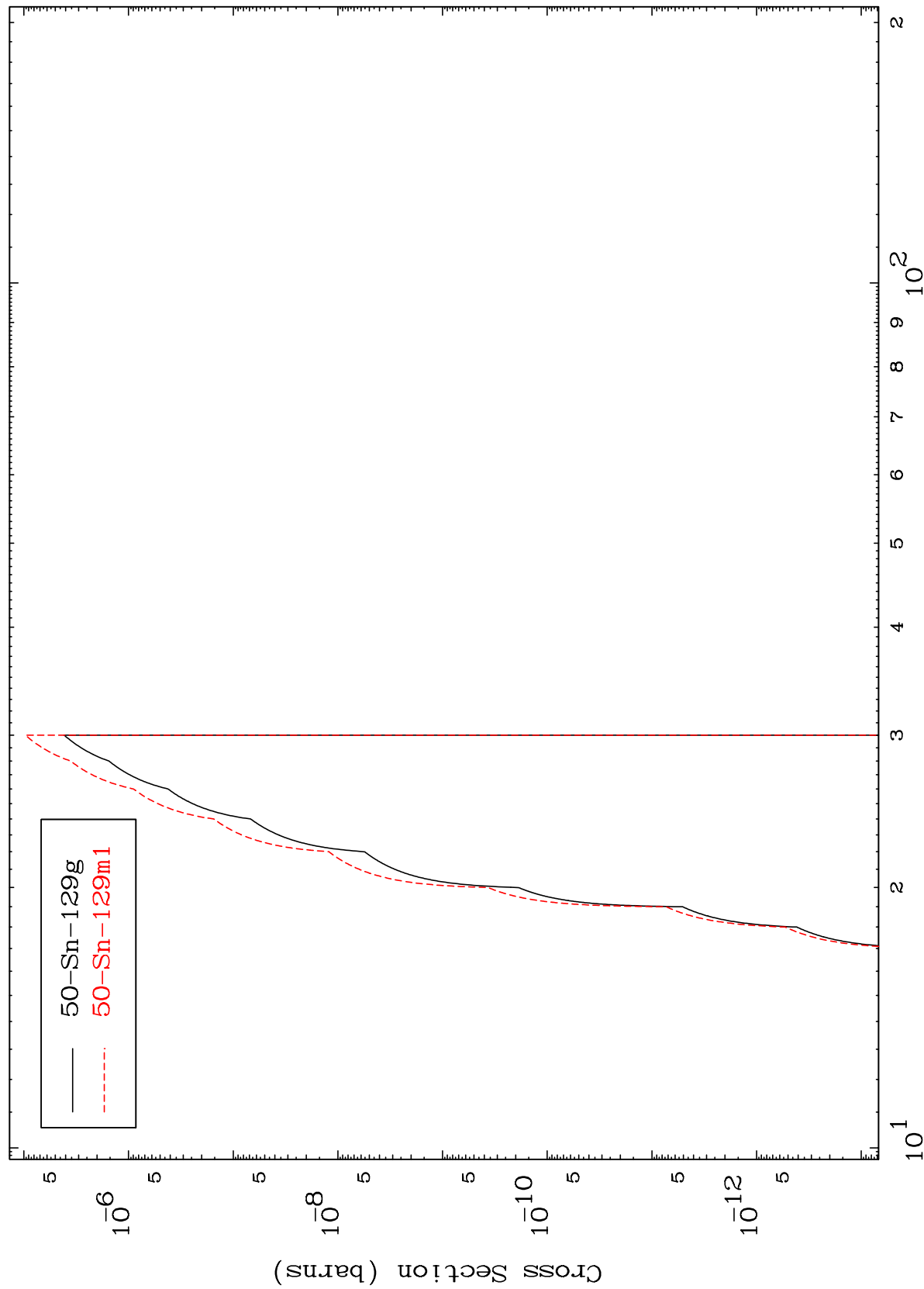
(t,3n) p  
Radionuclide Production Cross Section



MAT 5150

51-Sb-129

(t,2n) p  
Radionuclide Production Cross Section



51-Sb-129

Incident Energy (MeV)

23

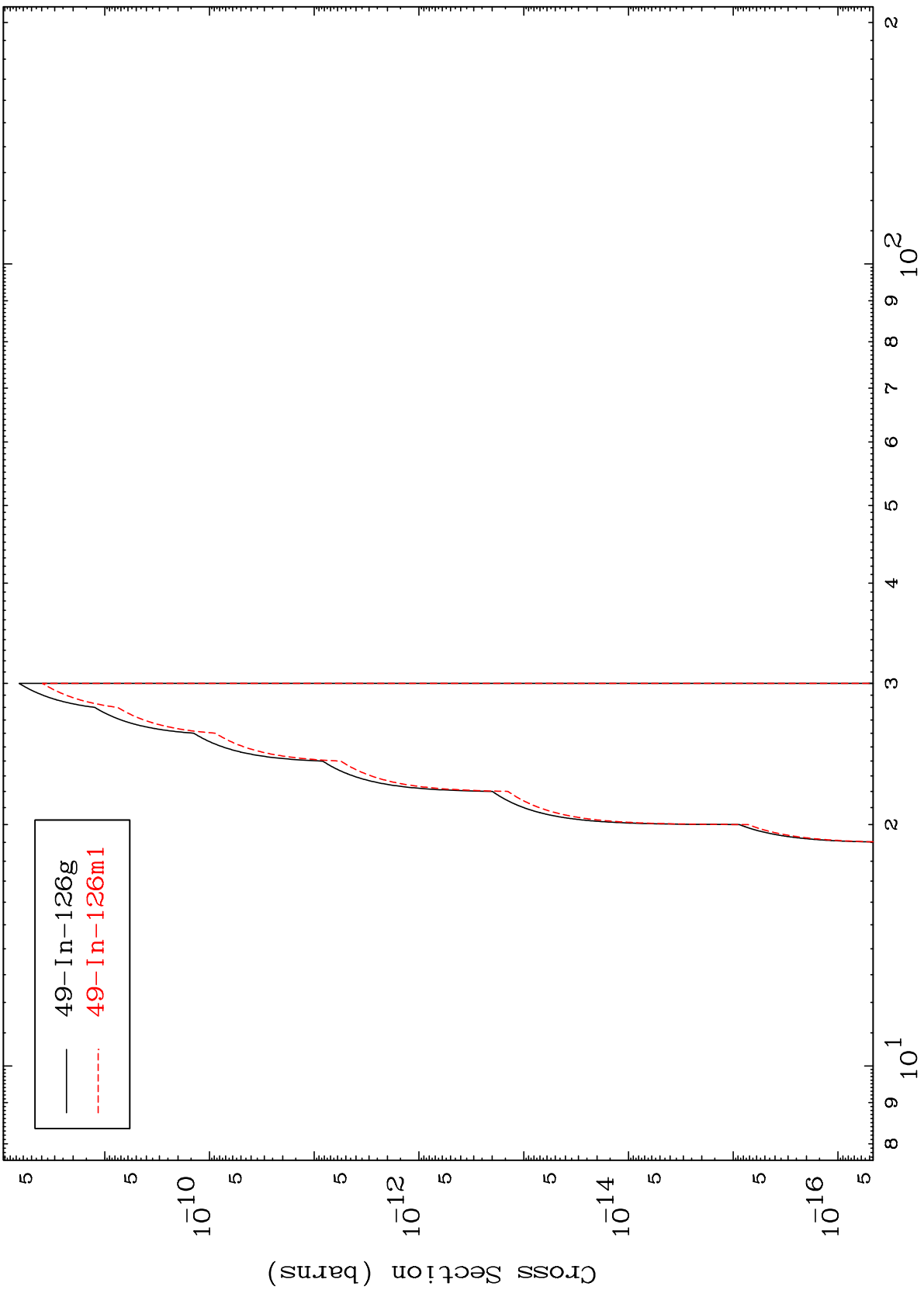


MAT 5150

(t,n') p  $\alpha$

51-Sb-129

Radionuclide Production Cross Section



49-In-126g  
49-In-126m1

24

Incident Energy (MeV)

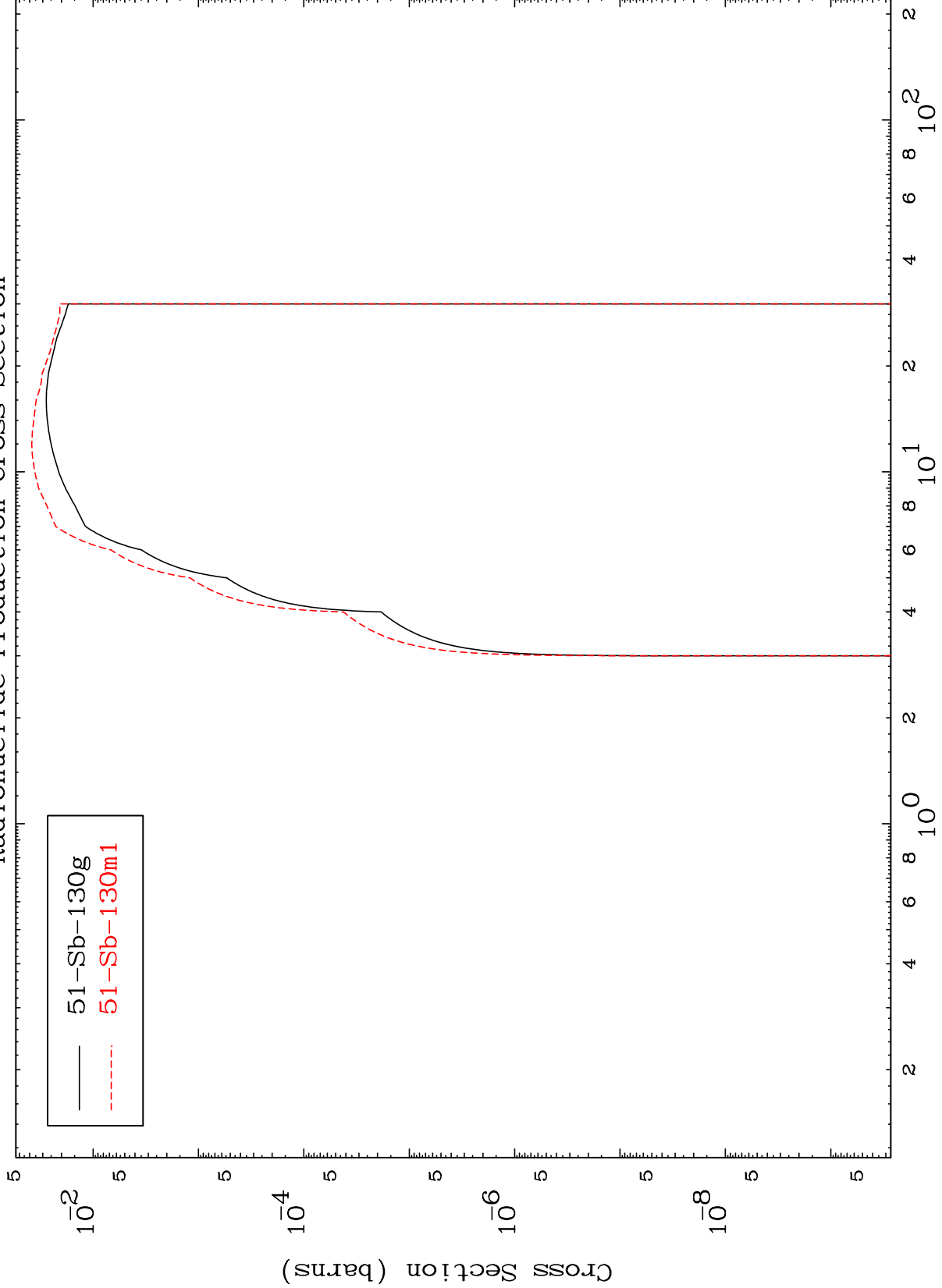
51-Sb-129

MAT 5150

(t,d)

51-Sb-129

Radionuclide Production Cross Section



51-Sb-130g  
51-Sb-130m1

25

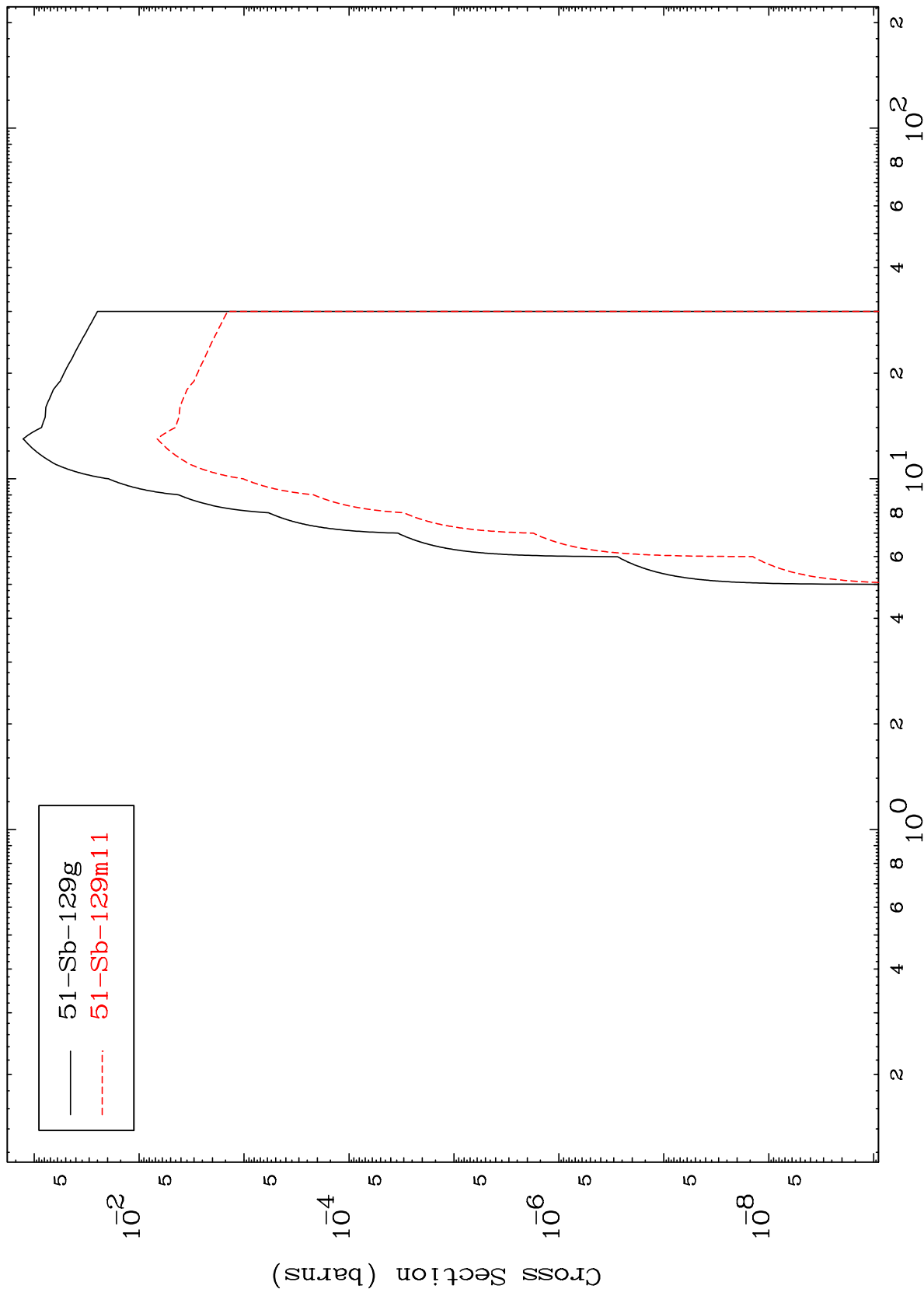
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

(t, t)  
Radionuclide Production Cross Section



26

51-Sb-129

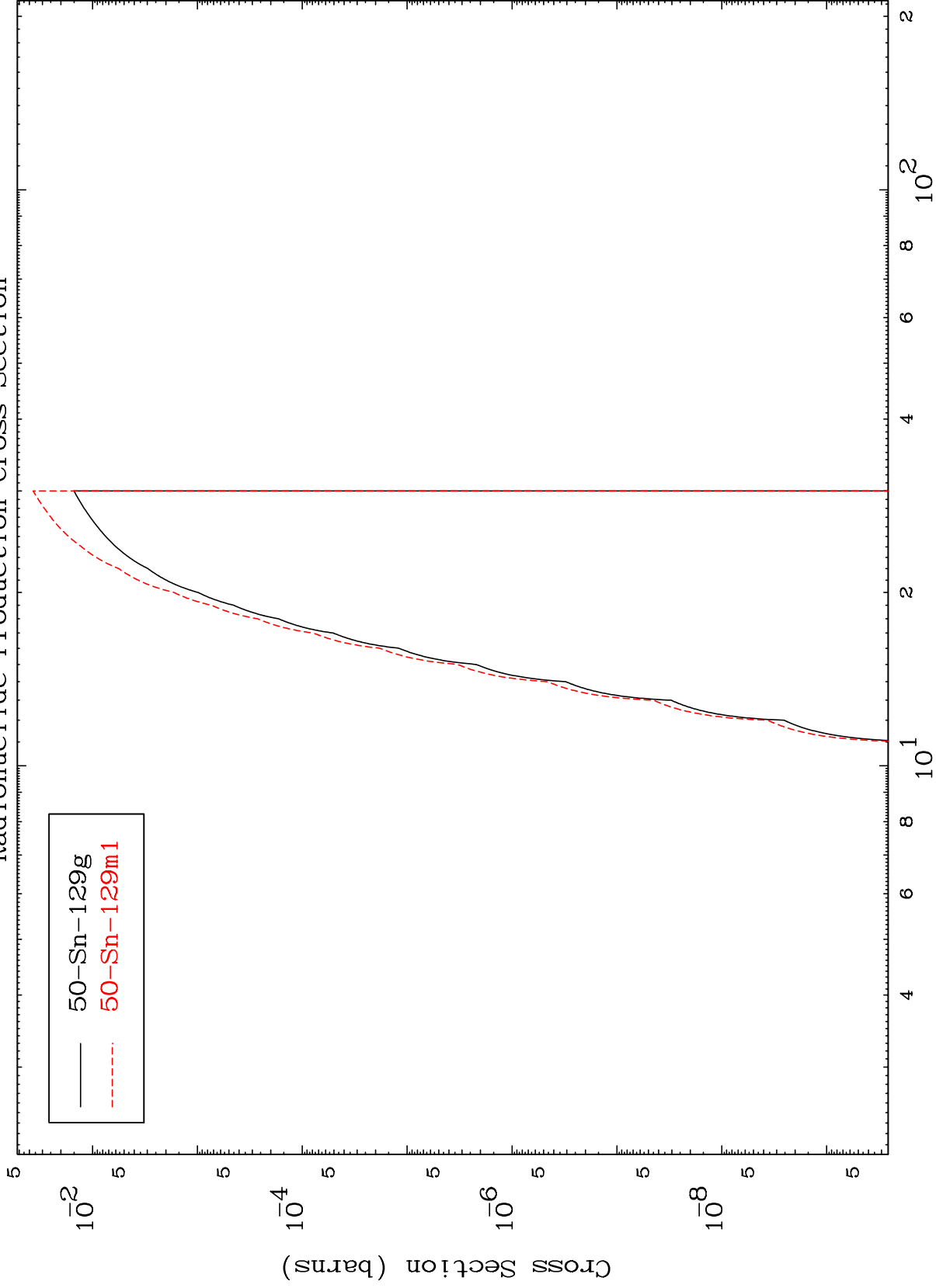
Incident Energy (MeV)

MAT 5150

(t,He-3)

51-Sb-129

Radionuclide Production Cross Section



27

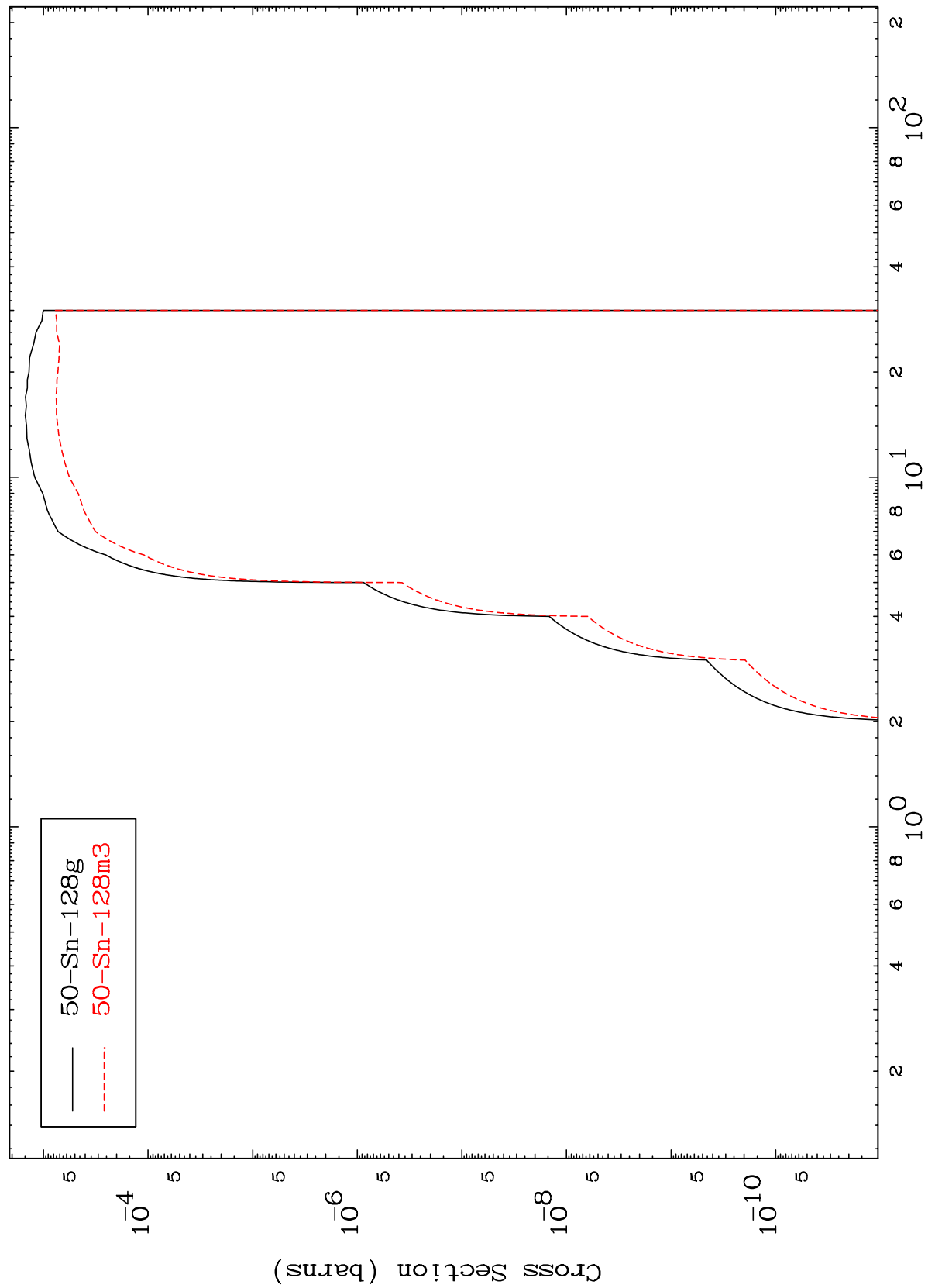
Incident Energy (MeV)

51-Sb-129

MAT 5150

51-Sb-129

(t,  $\alpha$ )  
Radionuclide Production Cross Section



28

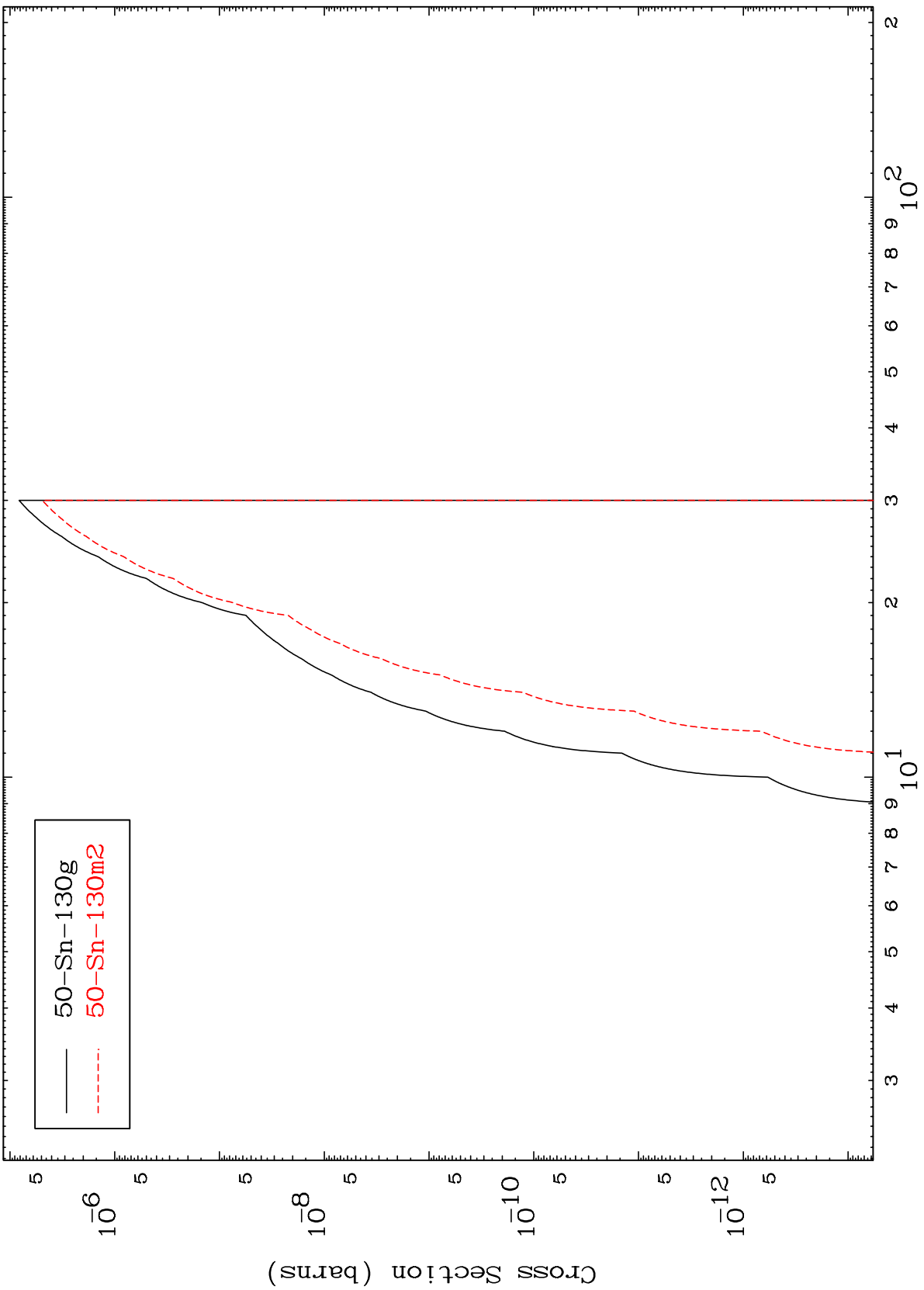
51-Sb-129

Incident Energy (MeV)

MAT 5150

51-Sb-129

Radionuclide Production Cross Section  
(t,2p)

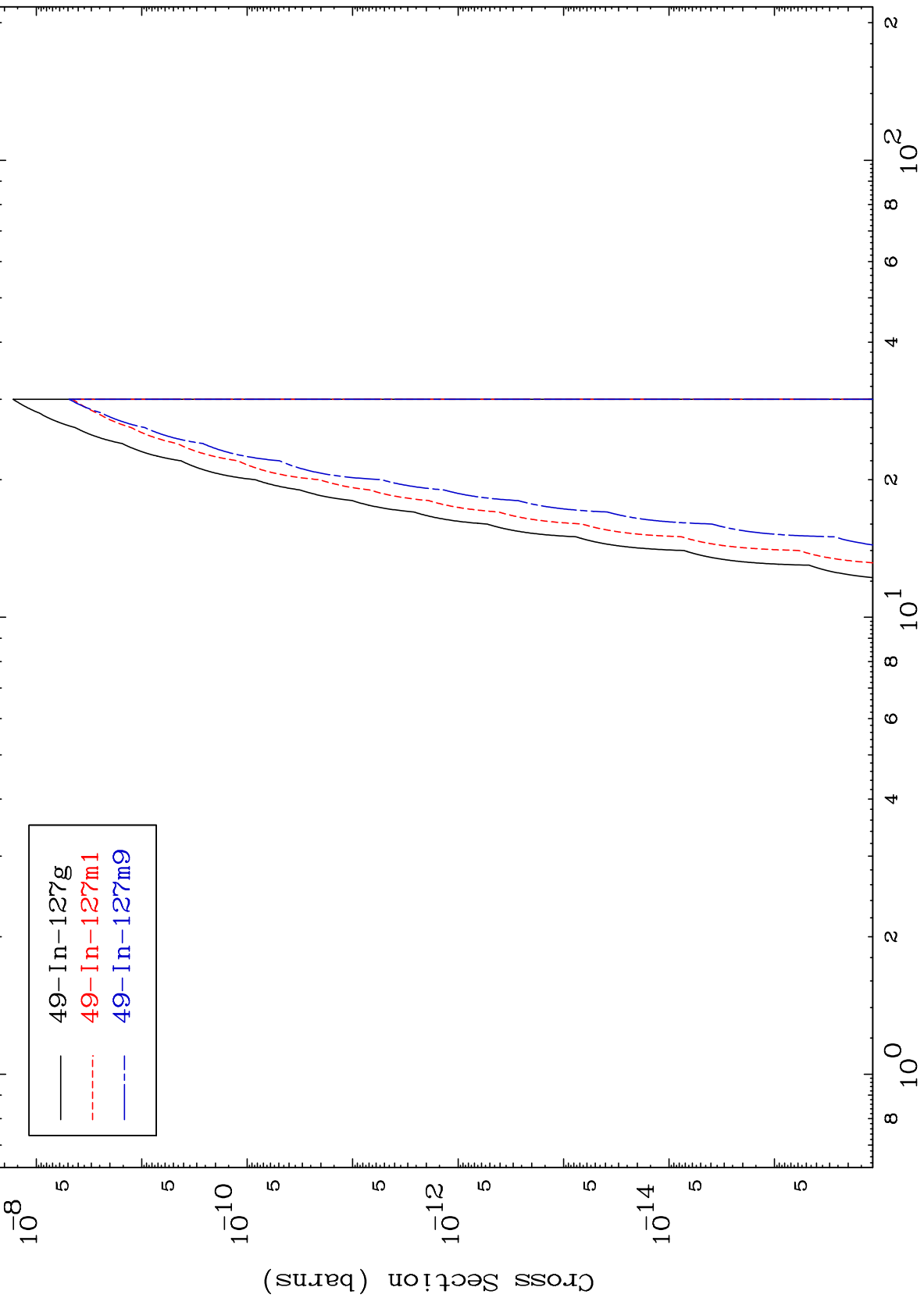


MAT 5150

(t,p)  $\alpha$

51-Sb-129

Radionuclide Production Cross Section



30

Incident Energy (MeV)

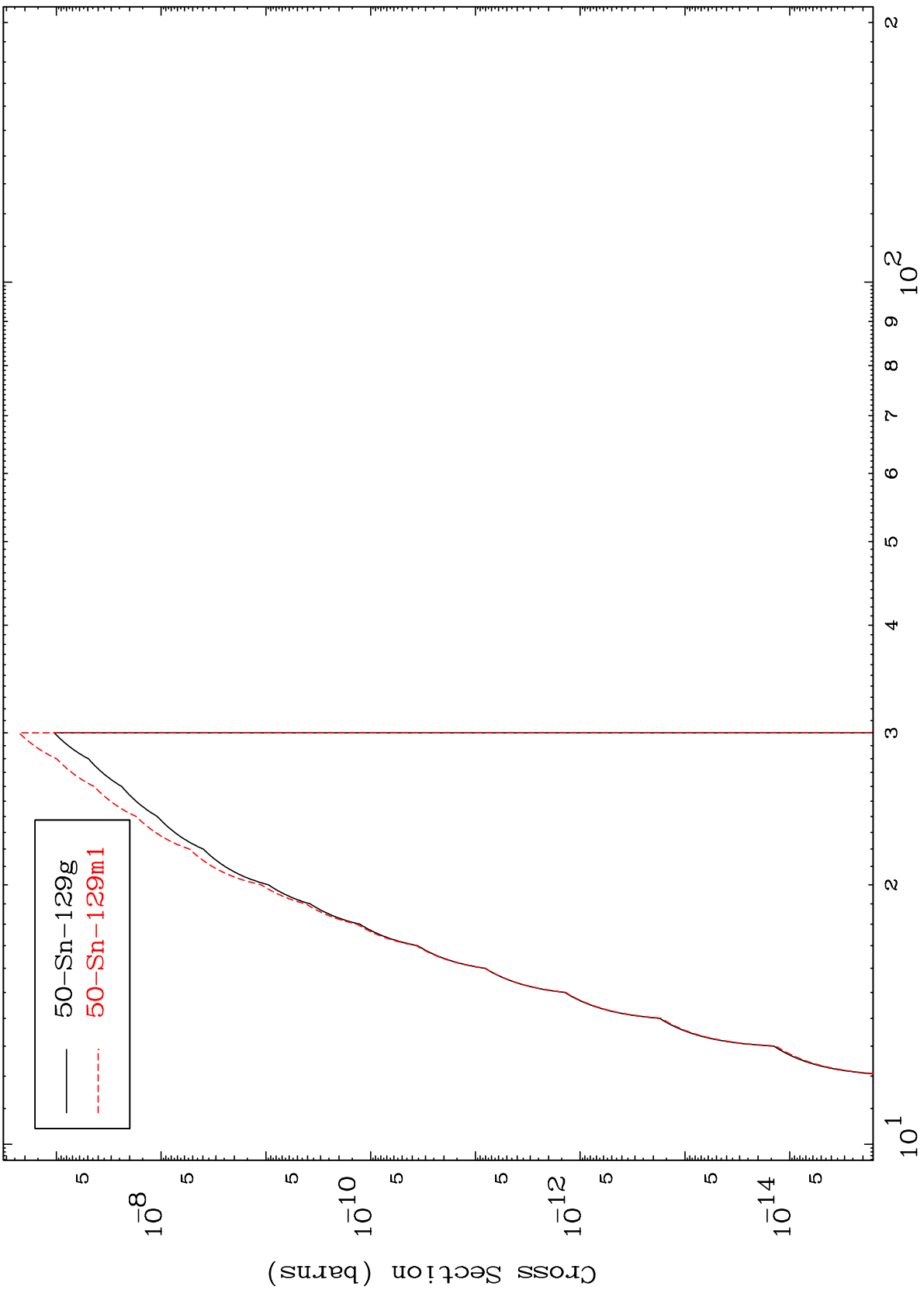
51-Sb-129

MAT 5150

(t,p) d

51-Sb-129

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-129

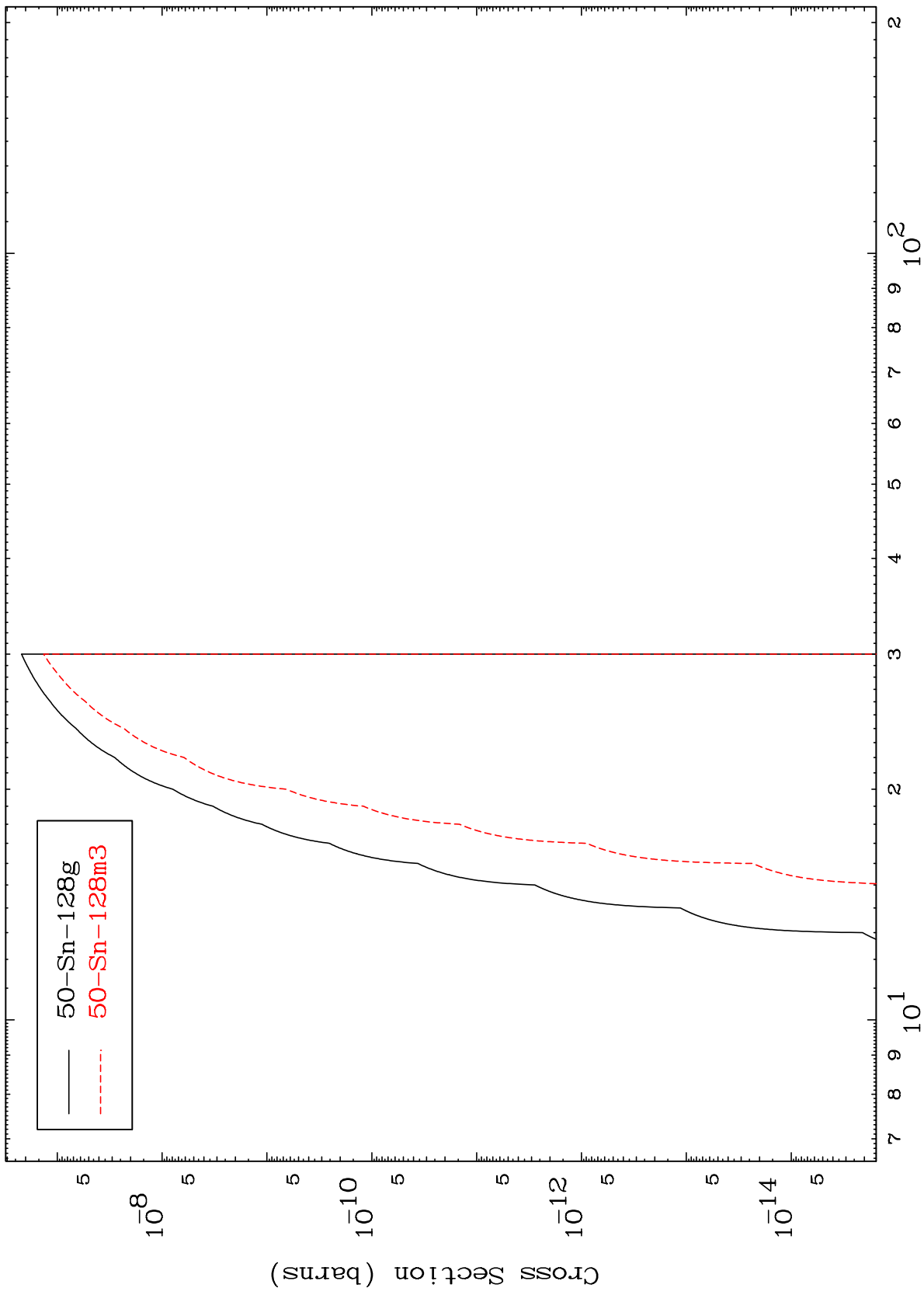
31



MAT 5150

51-Sb-129

(t,p) t  
Radionuclide Production Cross Section



32

Incident Energy (MeV)

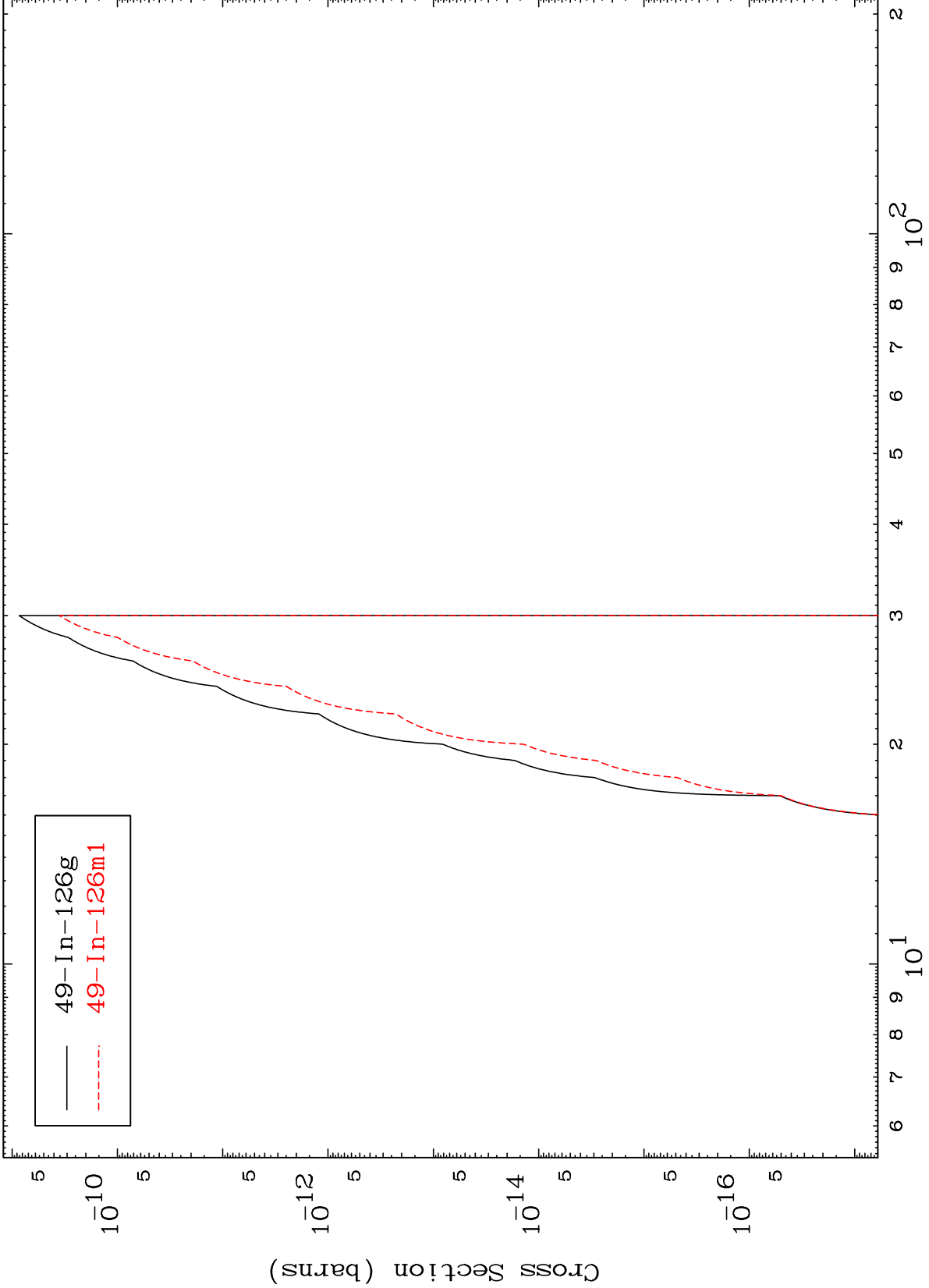
51-Sb-129

MAT 5150

(t,d)  $\alpha$

51-Sb-129

Radionuclide Production Cross Section



— 49-In-126g  
- - - 49-In-126m1

33

Incident Energy (MeV)

51-Sb-129