

Program EVALPLOT  
(Version 2021-1)

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

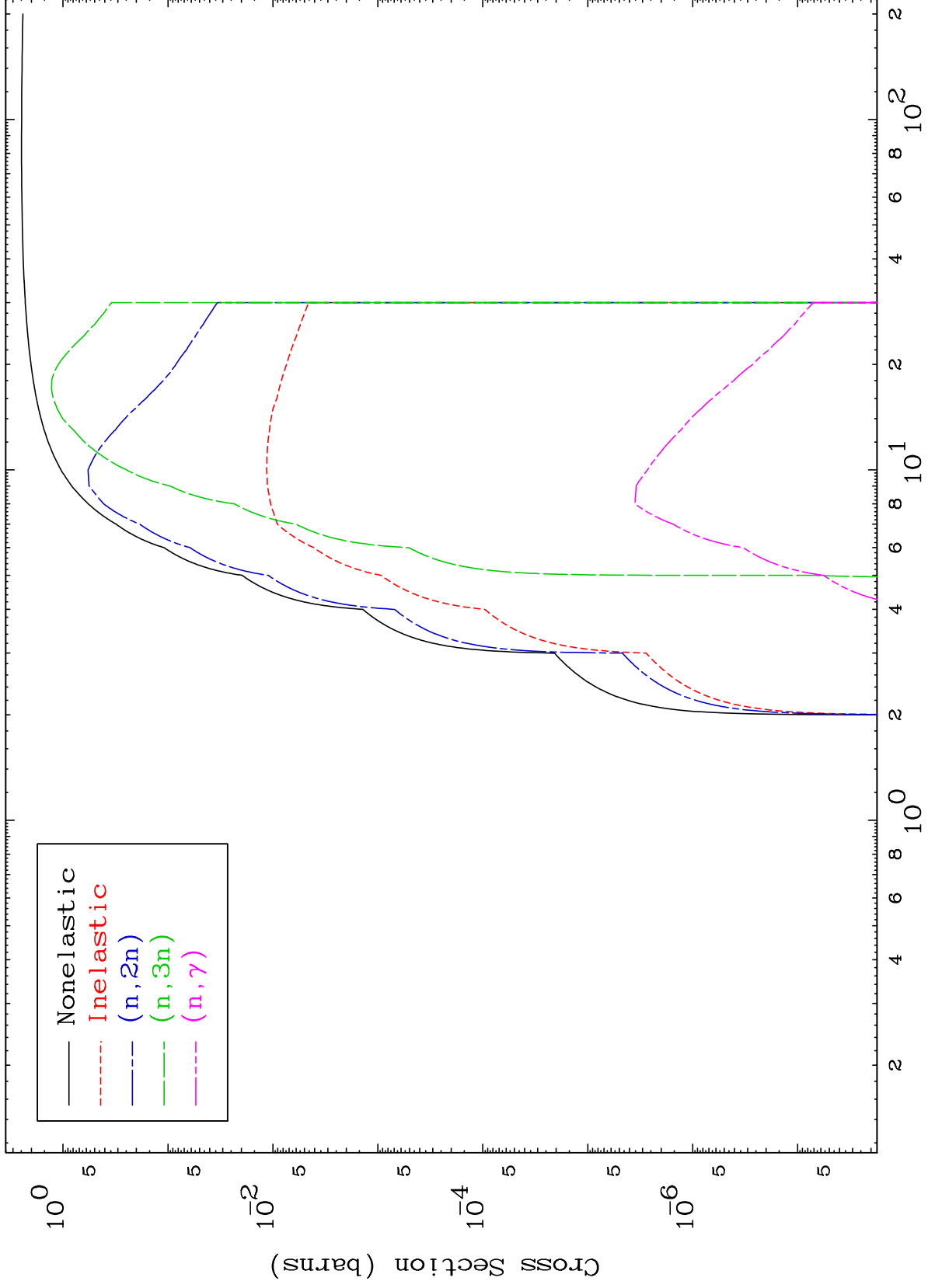
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5150

Deuteron Major  
0 Kelvin Cross Sections

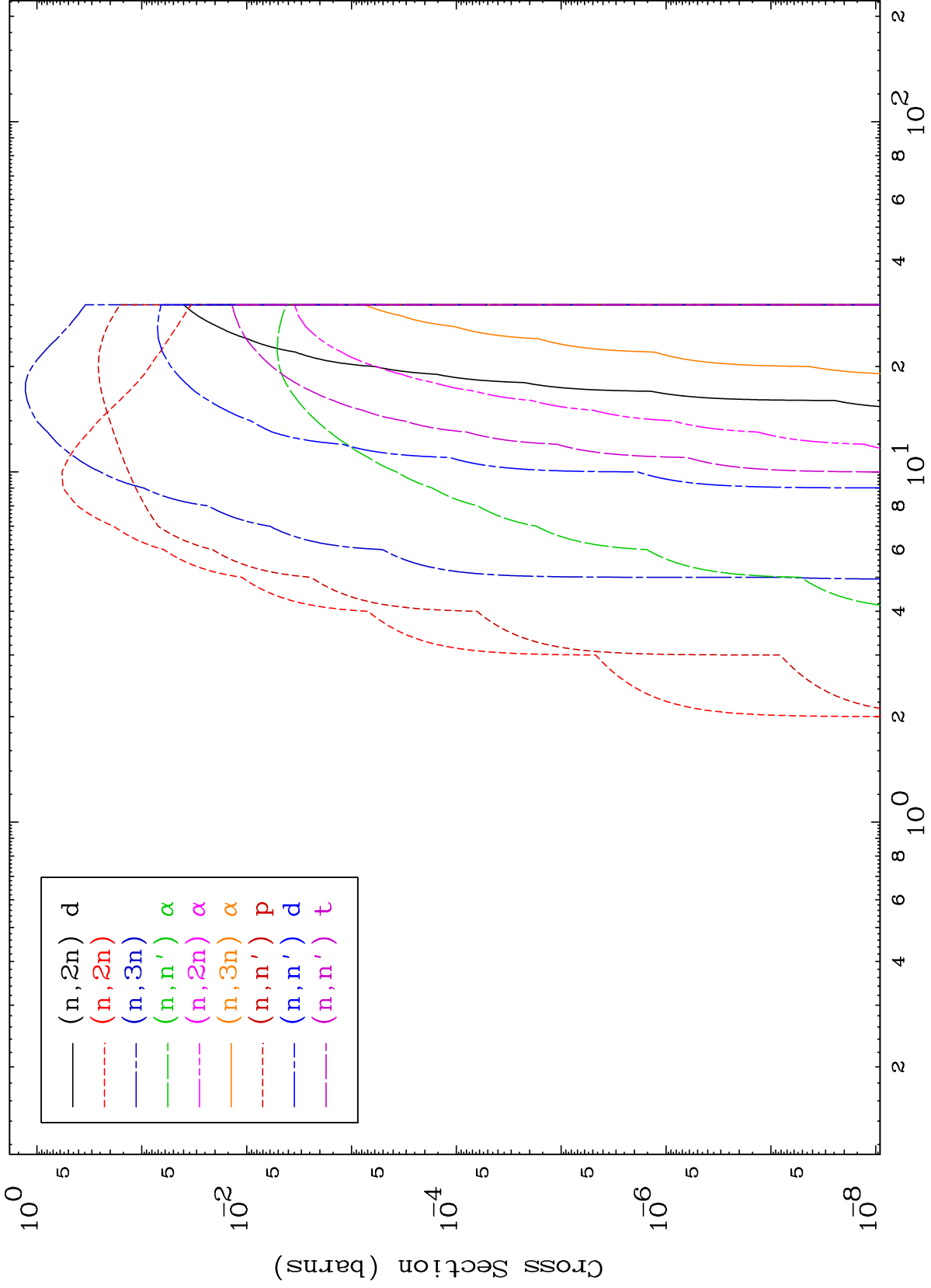
51-Sb-129m



MAT 5150

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

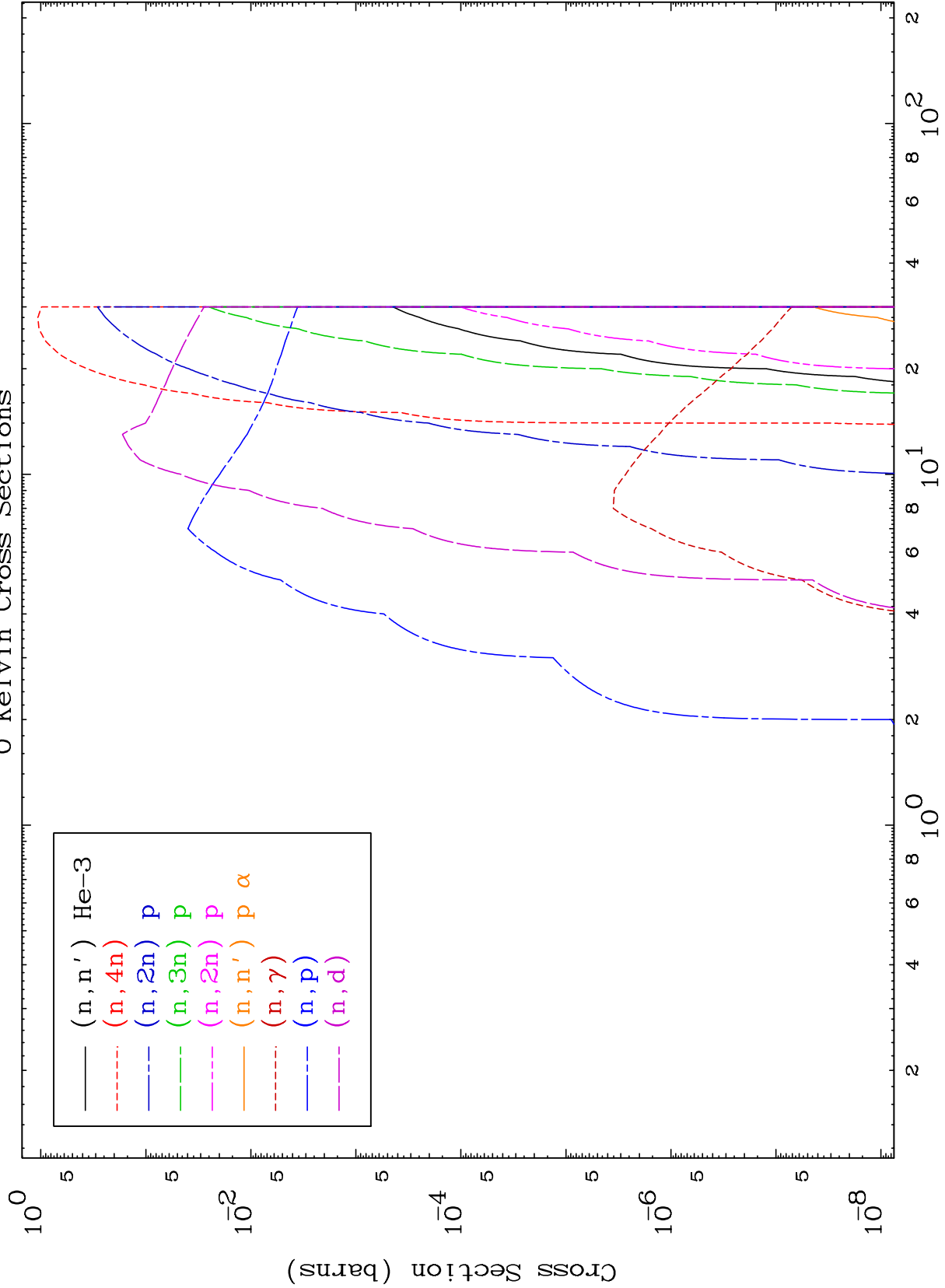
51-Sb-129m



MAT 5150

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

51-Sb-129m



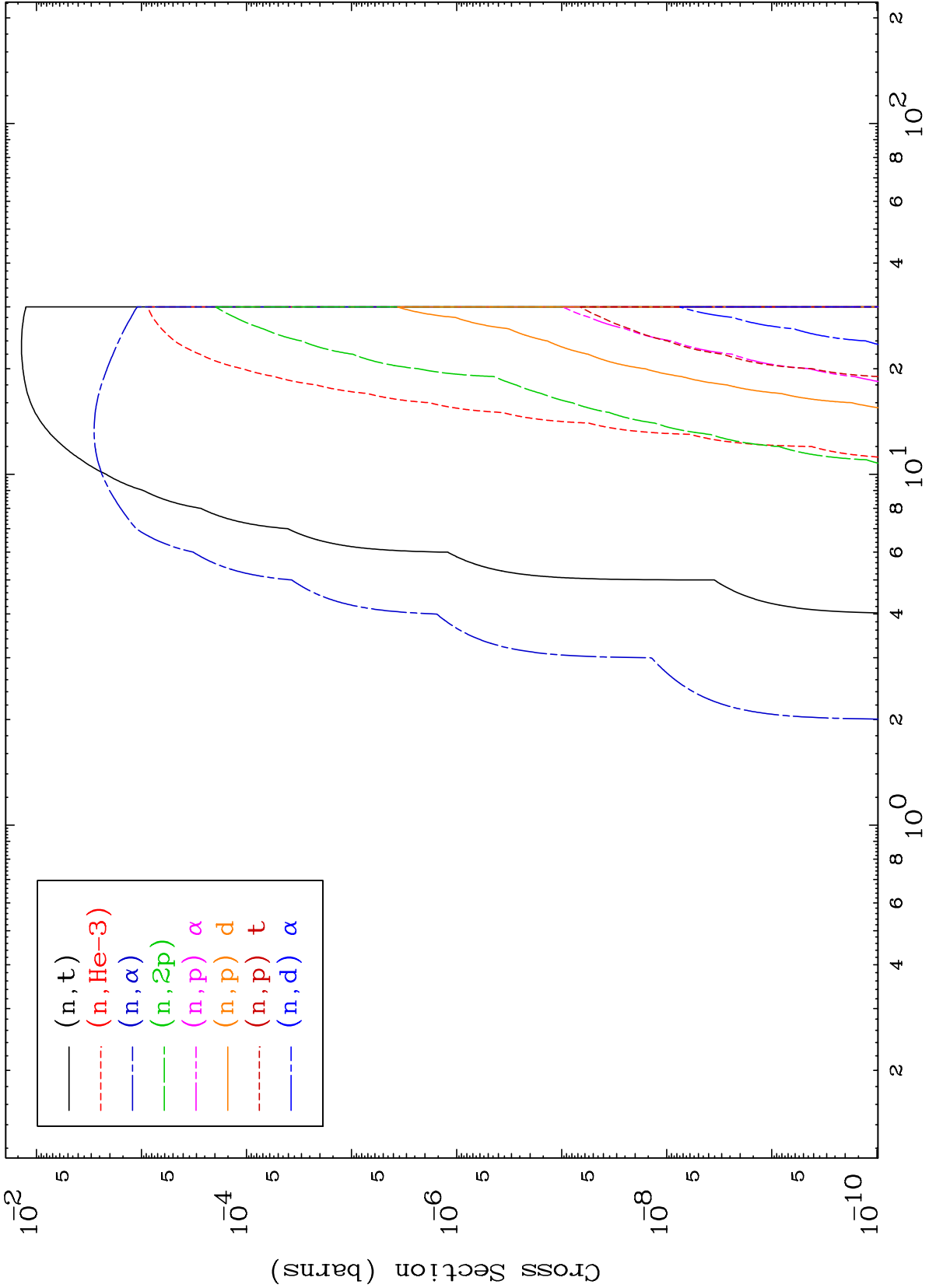
Incident Energy (MeV)

51-Sb-129m

MAT 5150

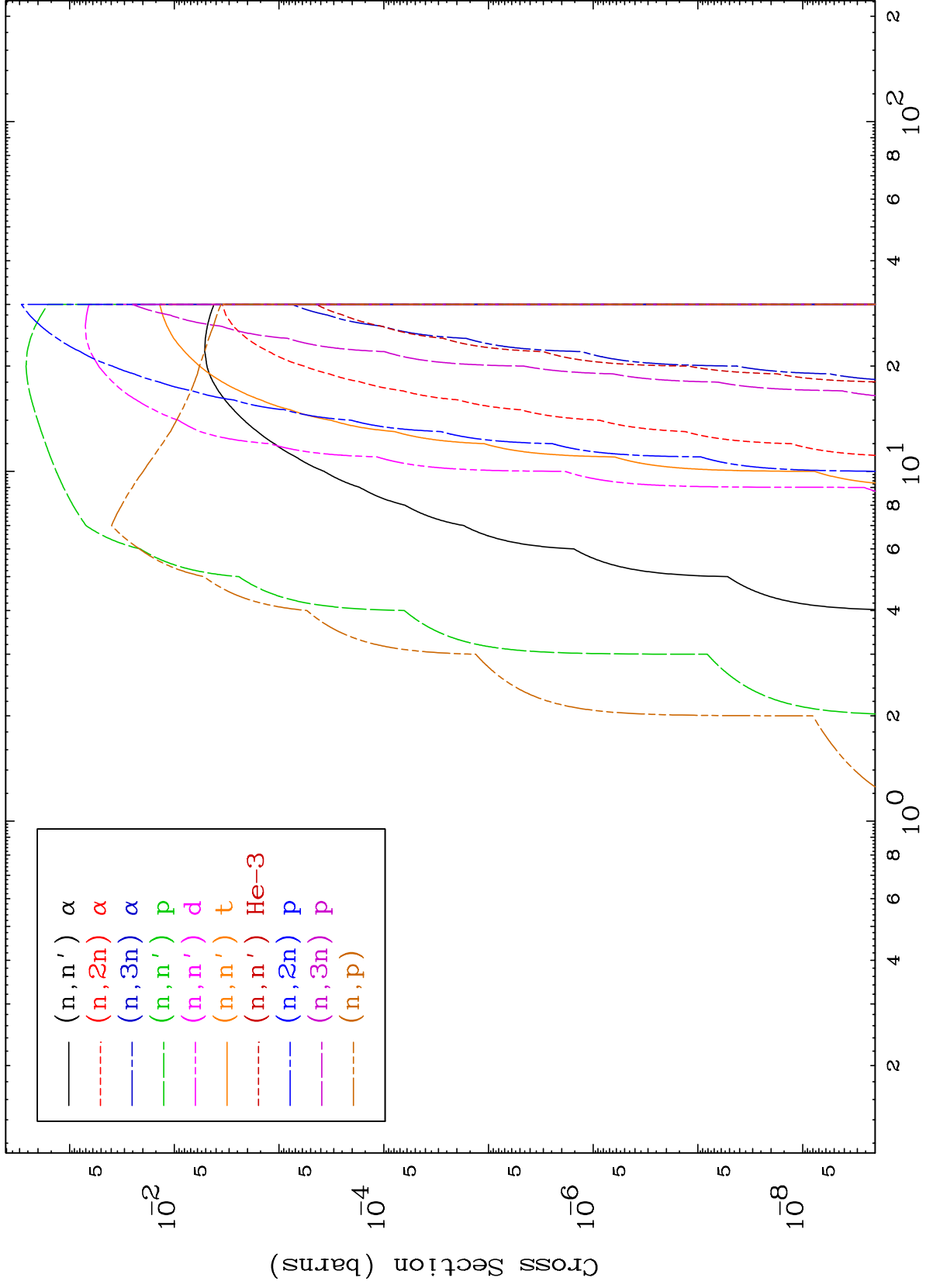
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

51-Sb-129m



Incident Energy (MeV)

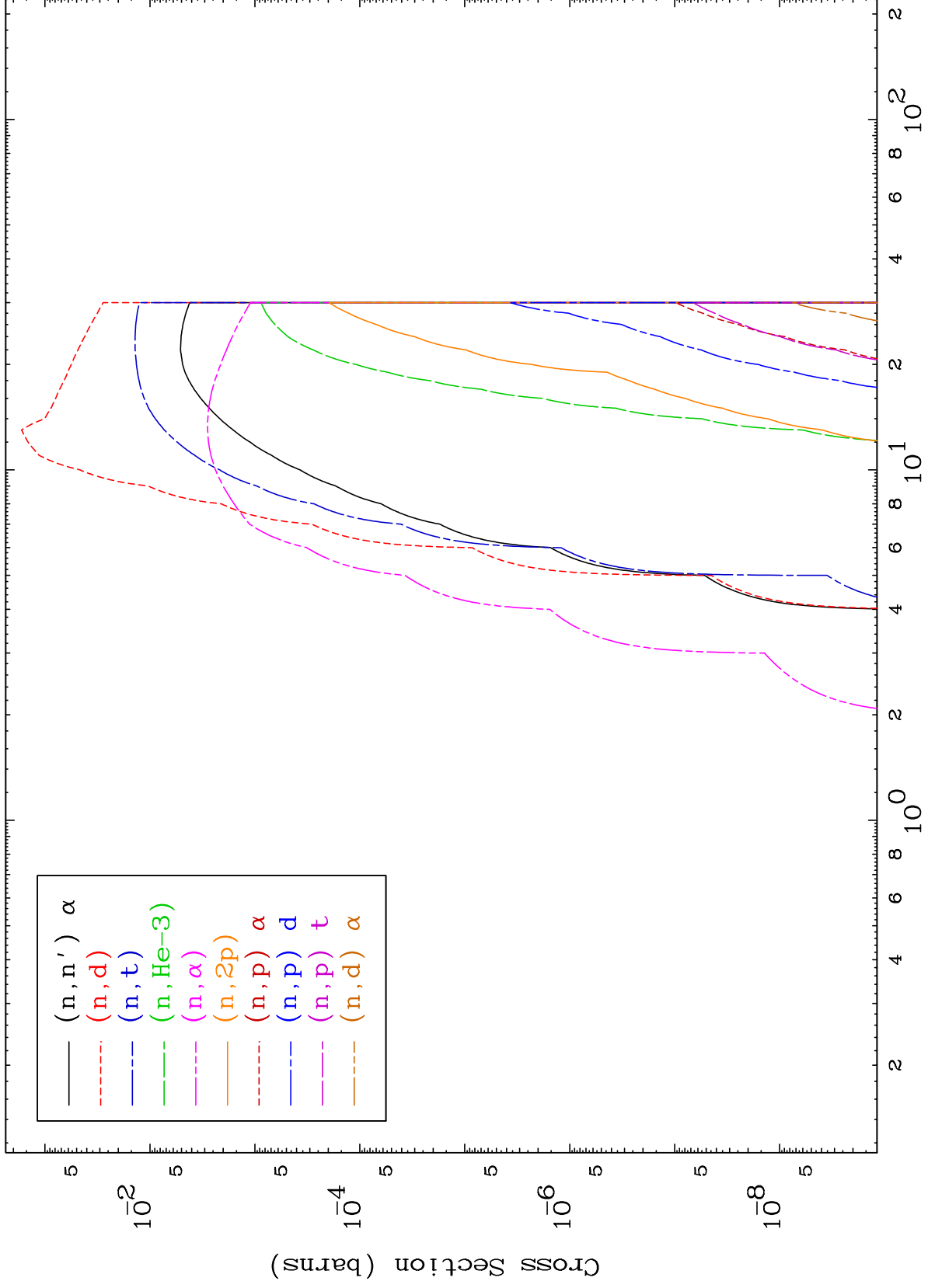
51-Sb-129m



MAT 5150

Deuteron Charged Particle  
0 Kelvin Cross Sections

51-Sb-129m

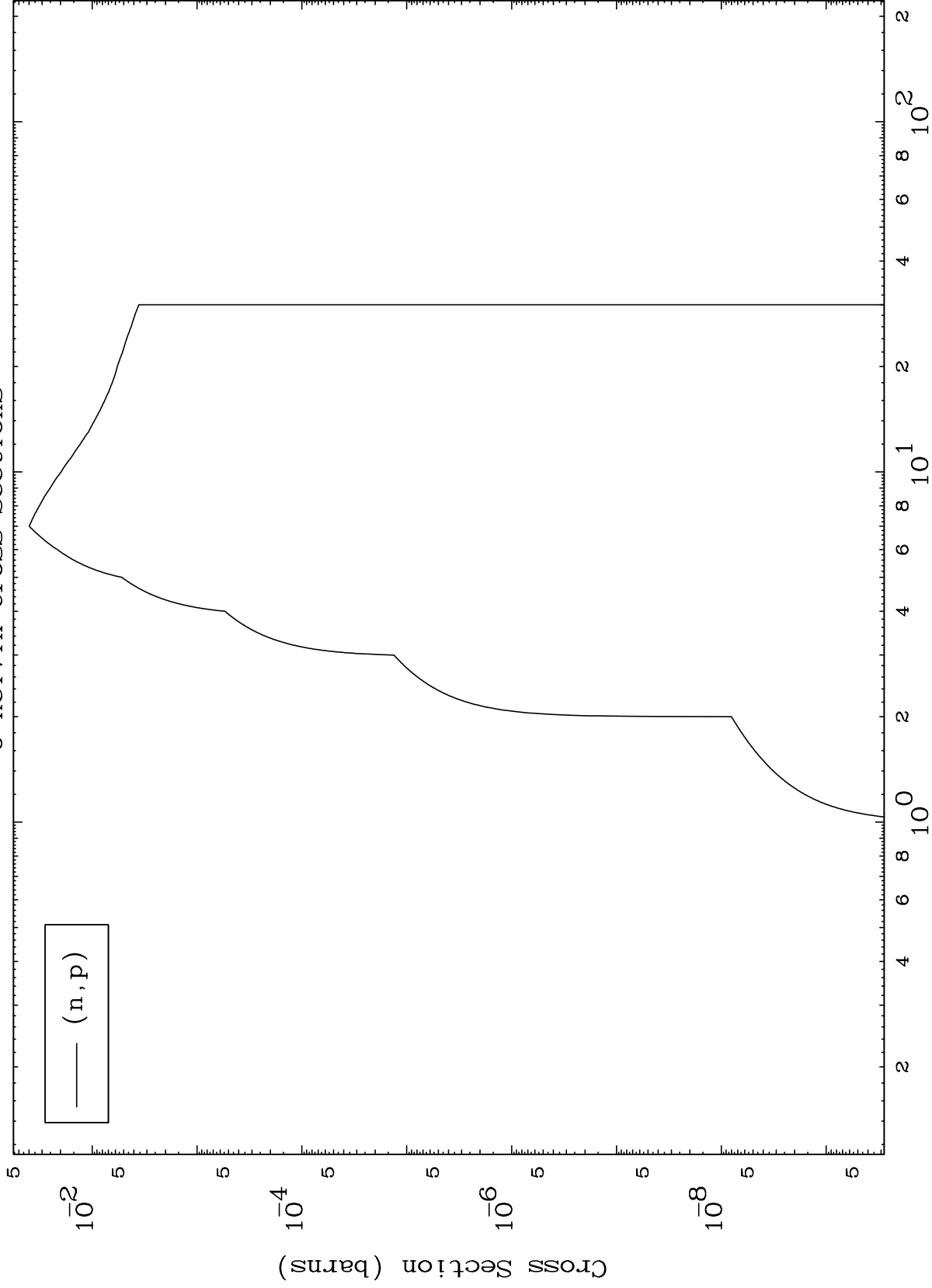


MAT 5150

(d,p) Levels

51-Sb-129m

0 Kelvin Cross Sections



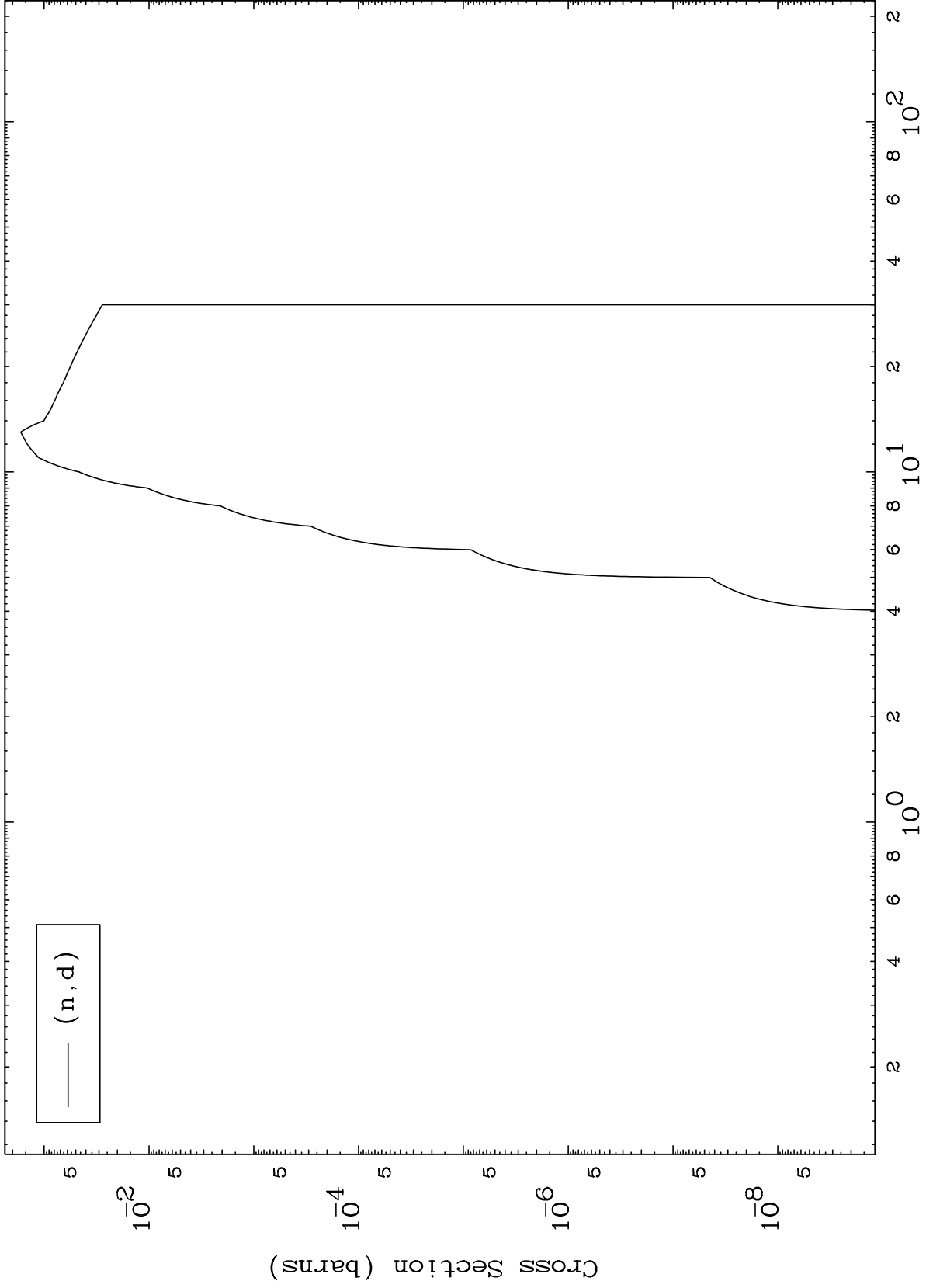


MAT 5150

(d,d) Levels

0 Kelvin Cross Sections

51-Sb-129m

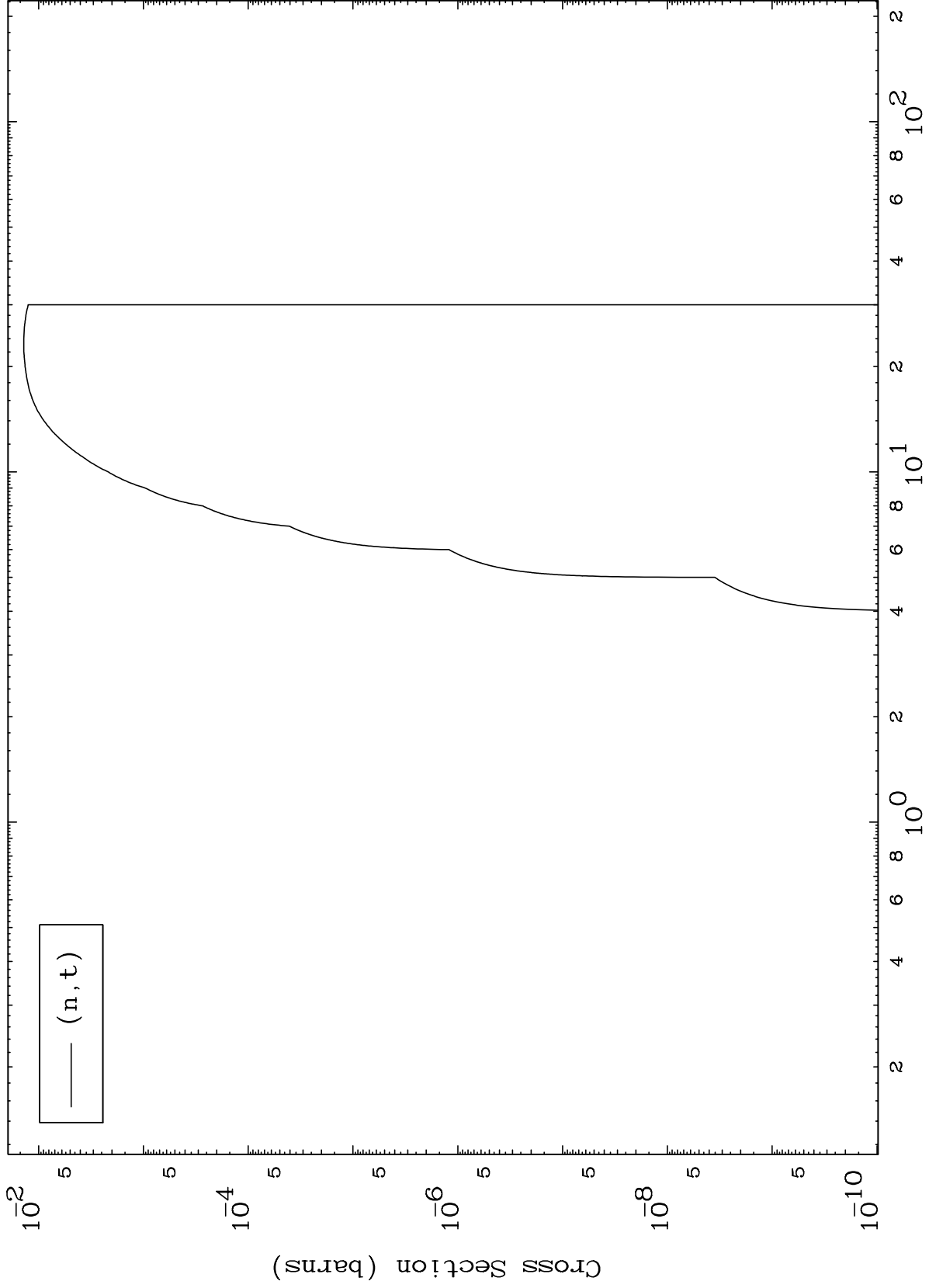


MAT 5150

(d, t) Levels

51-Sb-129m

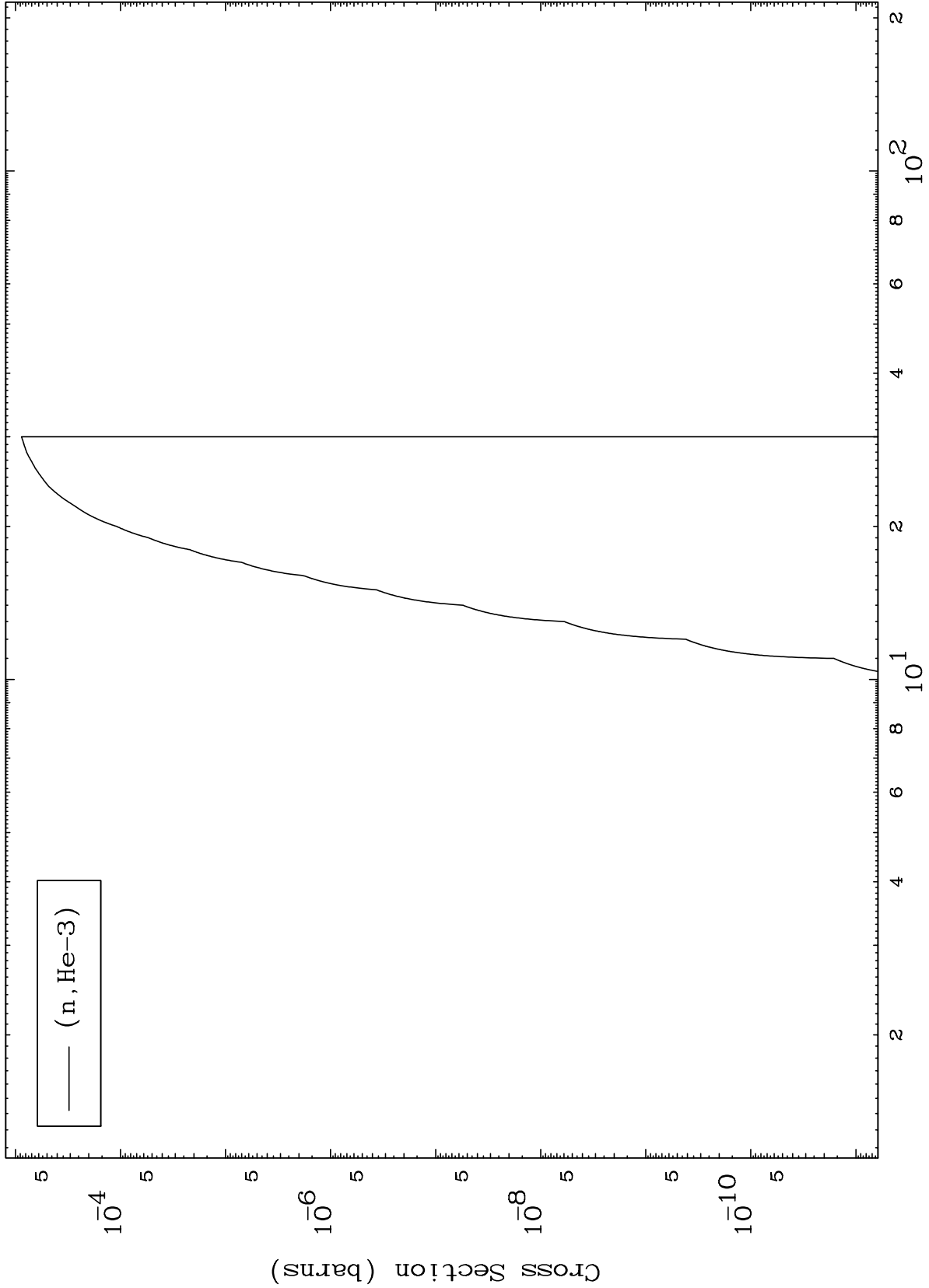
0 Kelvin Cross Sections



MAT 5150

(d,He3) Levels  
0 Kelvin Cross Sections

51-Sb-129m



10

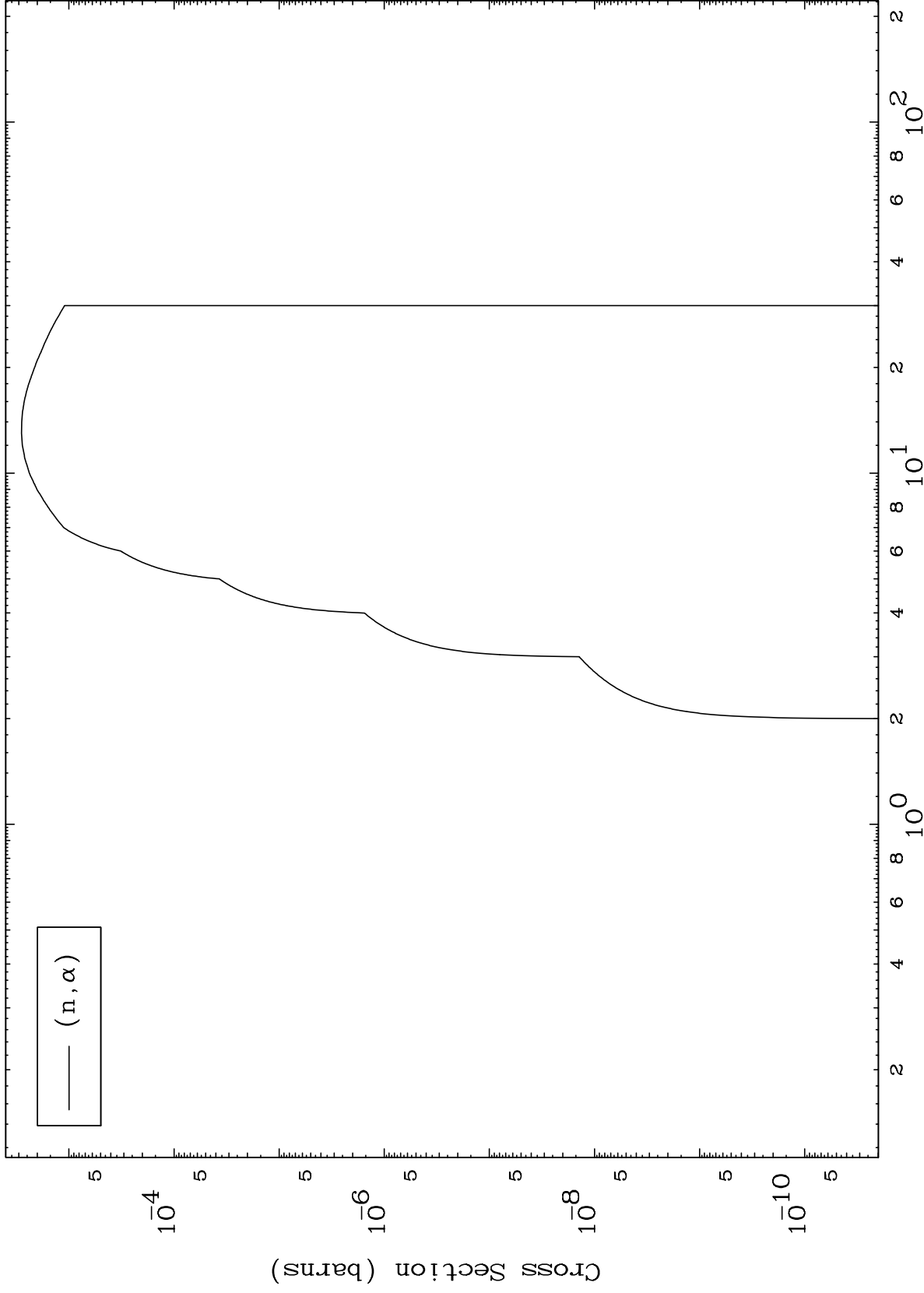
Incident Energy (MeV)

51-Sb-129m

MAT 5150

51-Sb-129m

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



51-Sb-129m

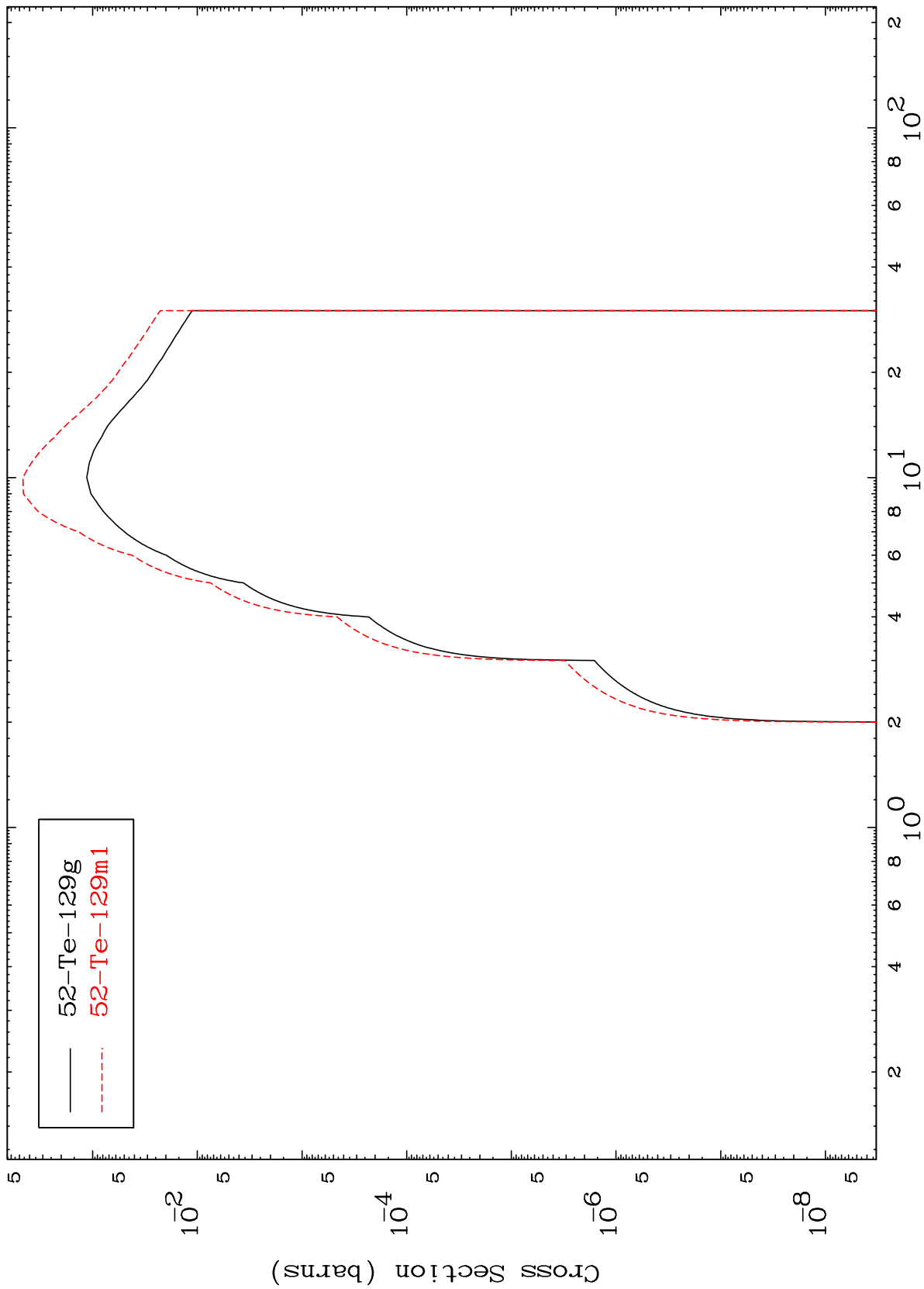
Incident Energy (MeV)

MAT 5150

(n,2n)

51-Sb-129m

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-129m

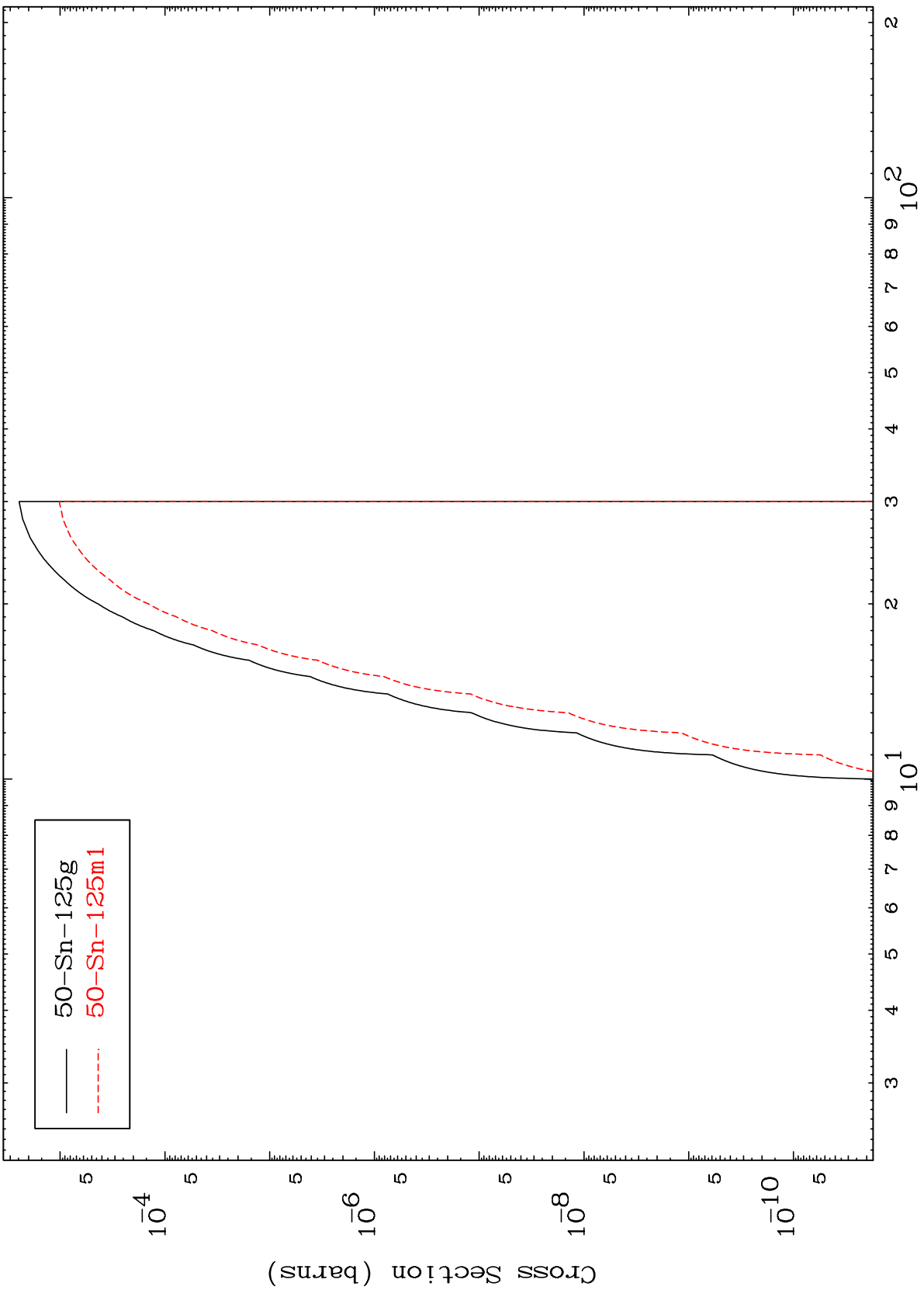
12

MAT 5150

(n,2n)  $\alpha$

51-Sb-129m

Radionuclide Production Cross Section



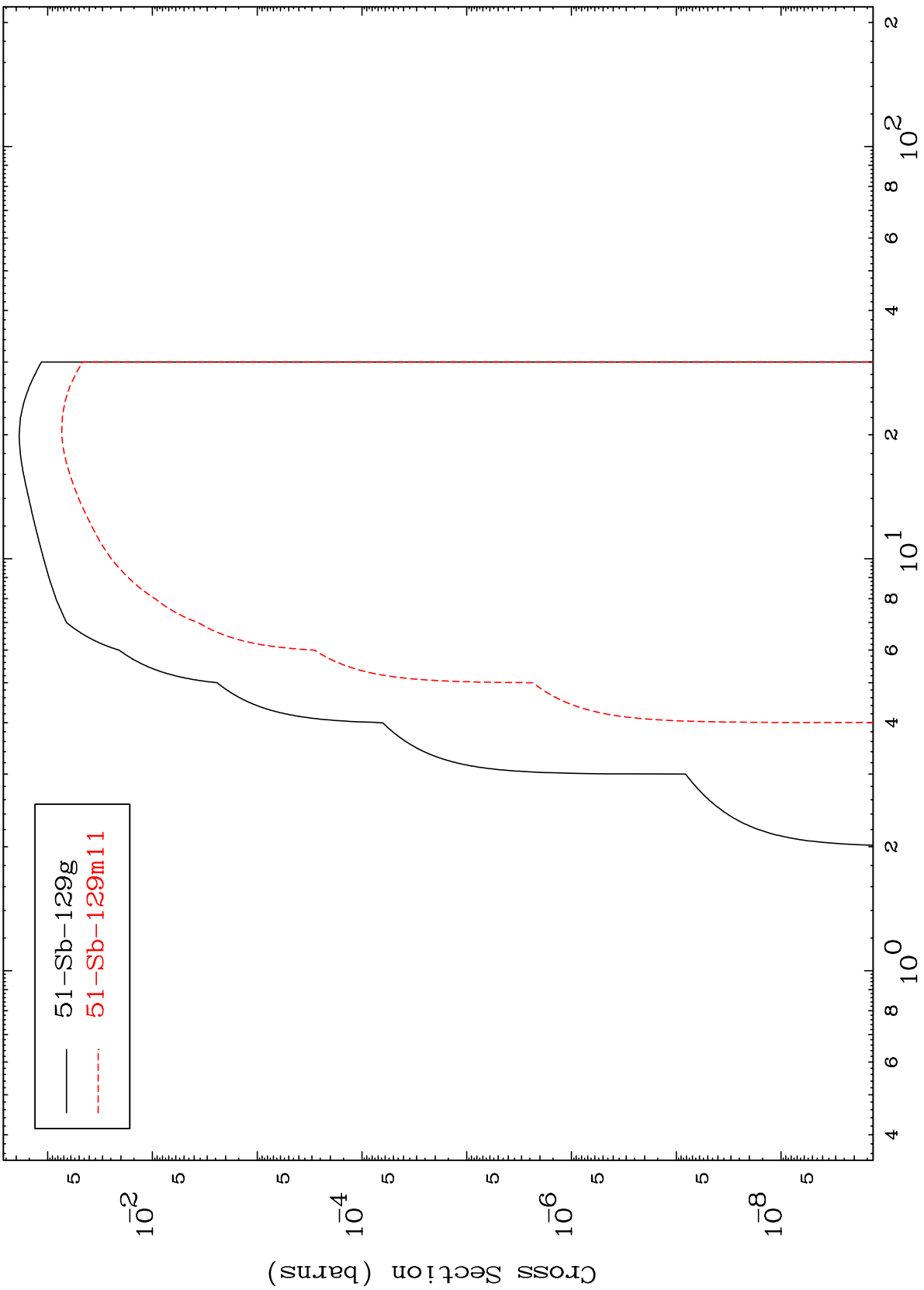
50-Sn-125g  
50-Sn-125m1

MAT 5150

(n,n') p

51-Sb-129m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

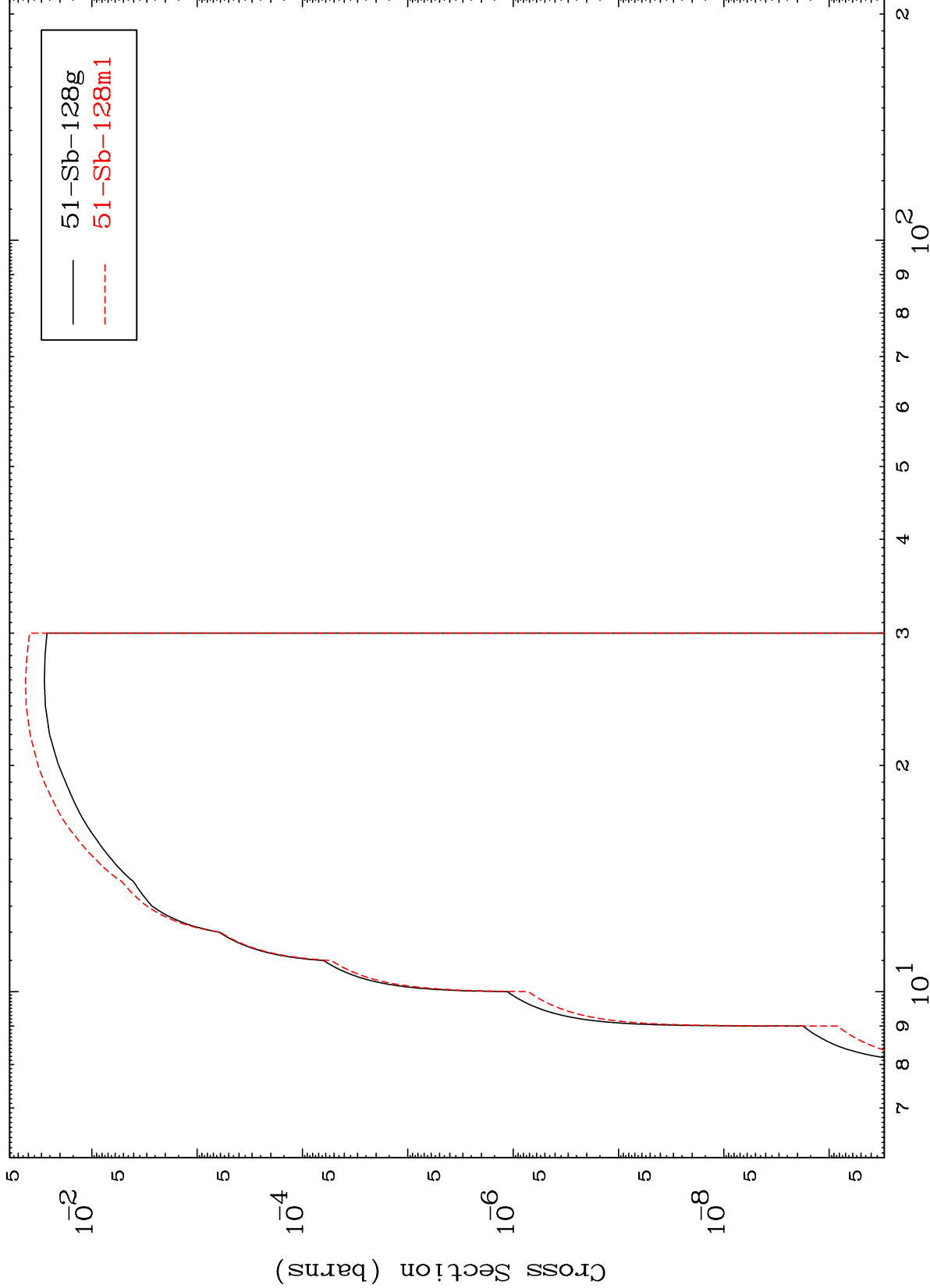
51-Sb-129m

MAT 5150

(n,n') d

51-Sb-129m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

51-Sb-129m

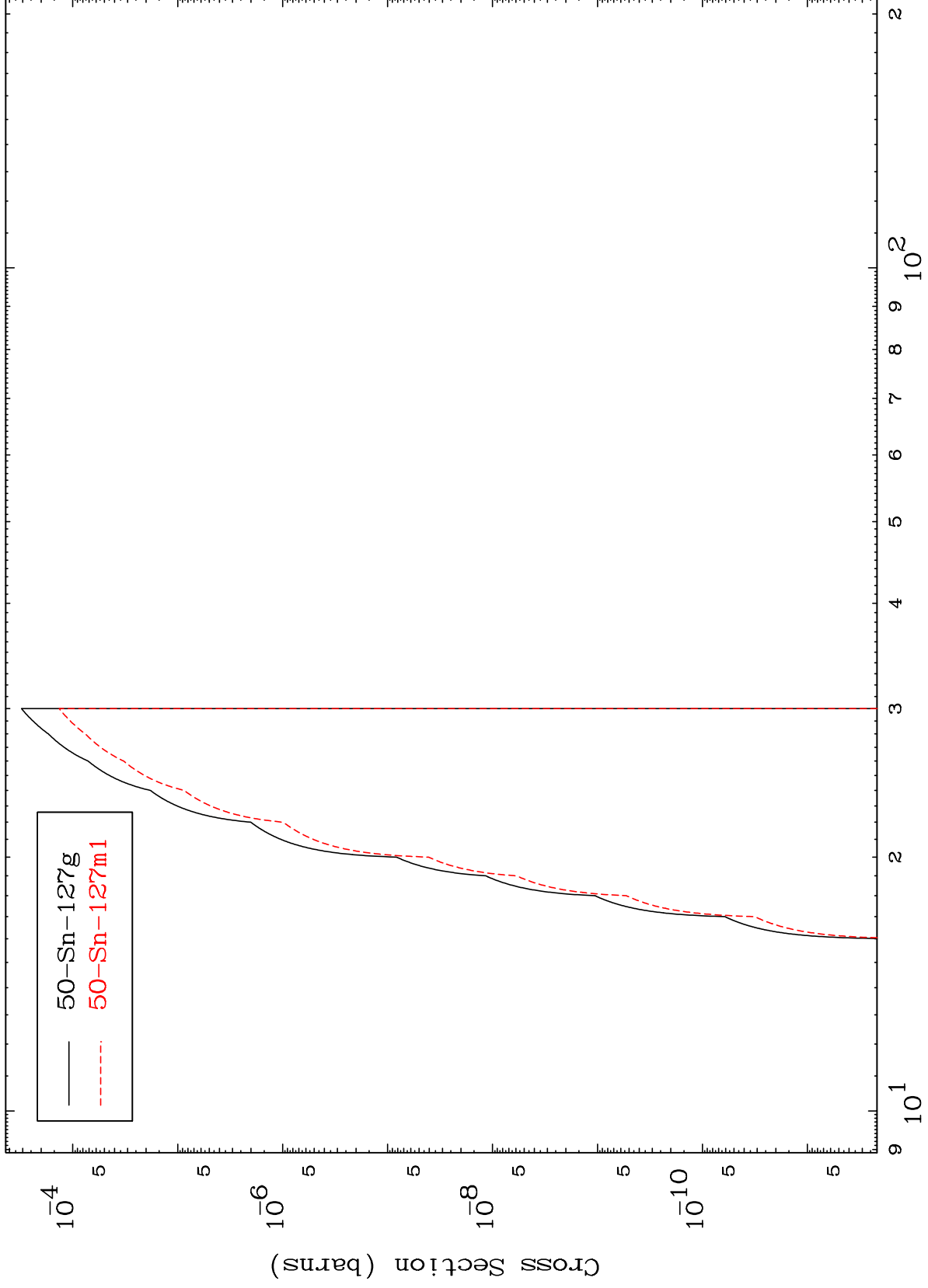


MAT 5150

(n,n') He-3

51-Sb-129m

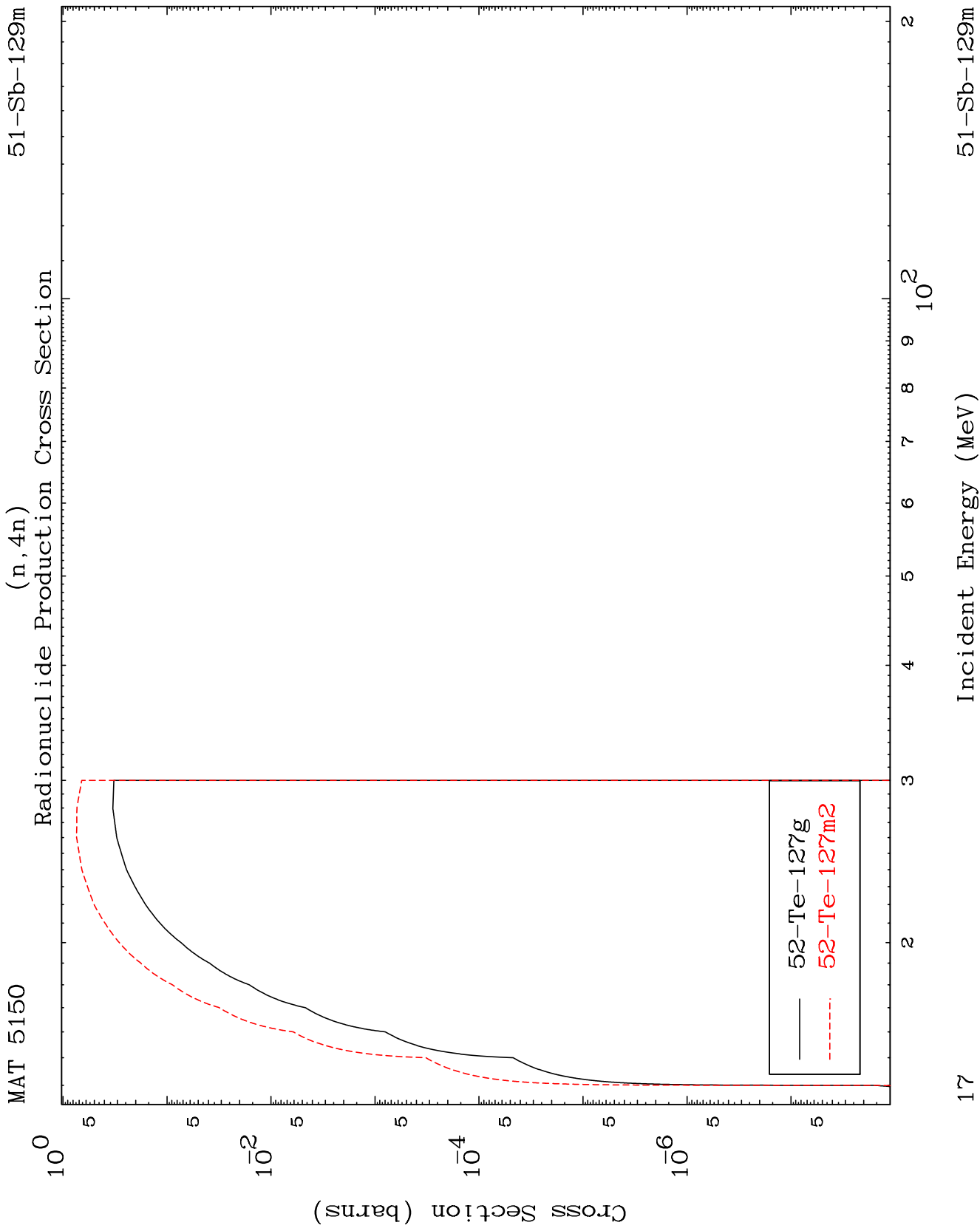
Radionuclide Production Cross Section



16

Incident Energy (MeV)

51-Sb-129m

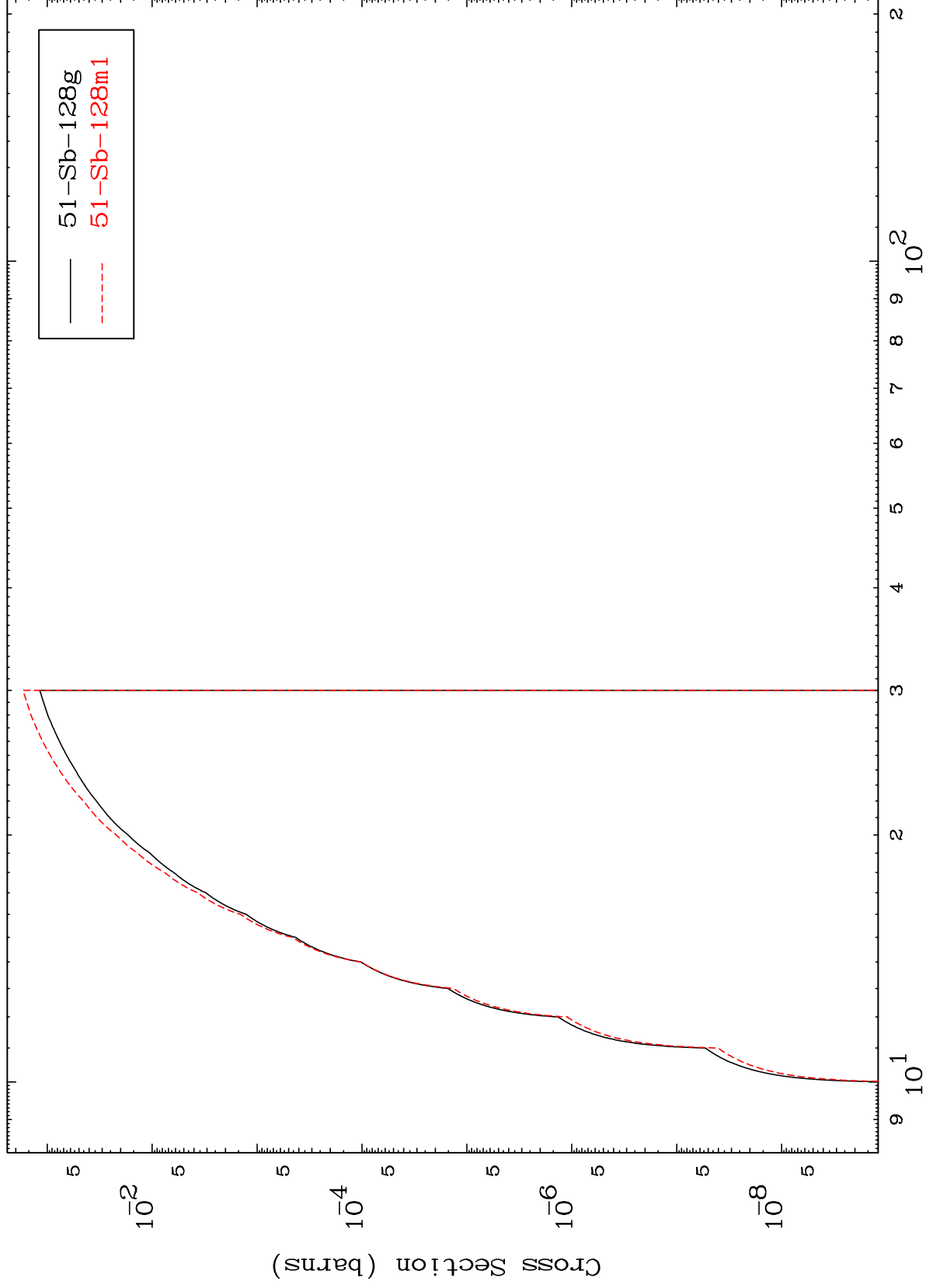


MAT 5150

(n,2n) p

51-Sb-129m

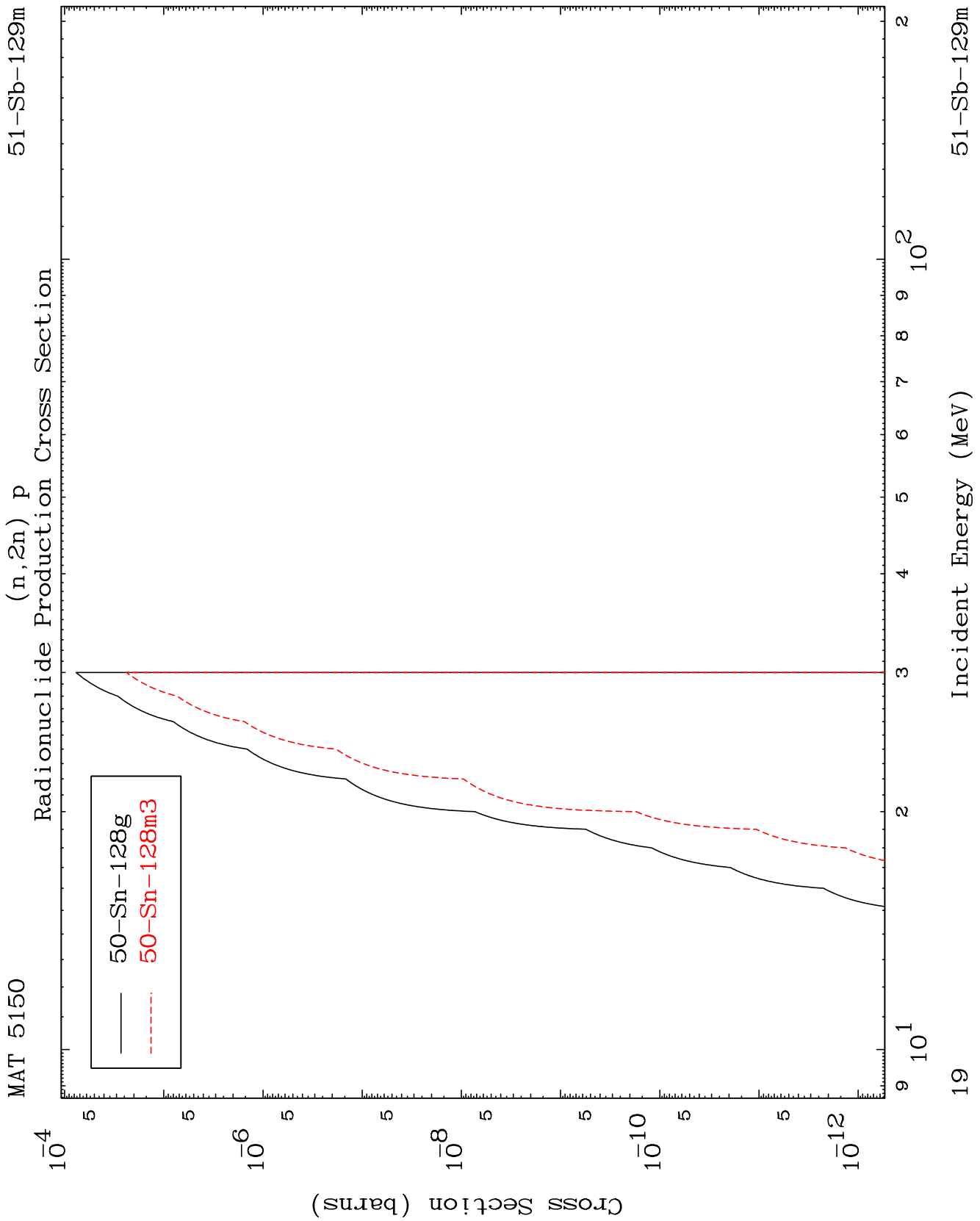
Radionuclide Production Cross Section



18

Incident Energy (MeV)

51-Sb-129m

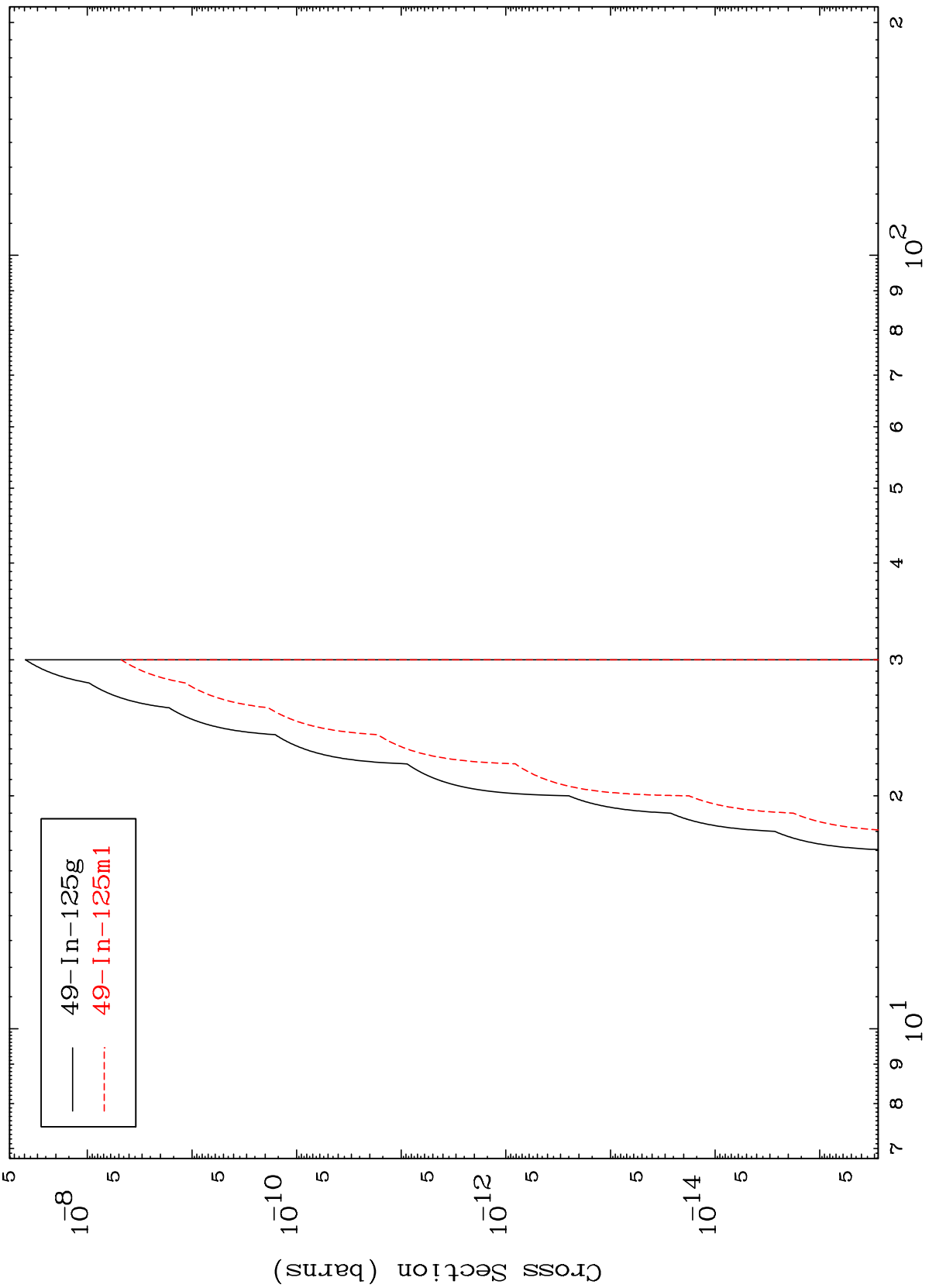


MAT 5150

(n,n') p  $\alpha$

51-Sb-129m

Radionuclide Production Cross Section



20

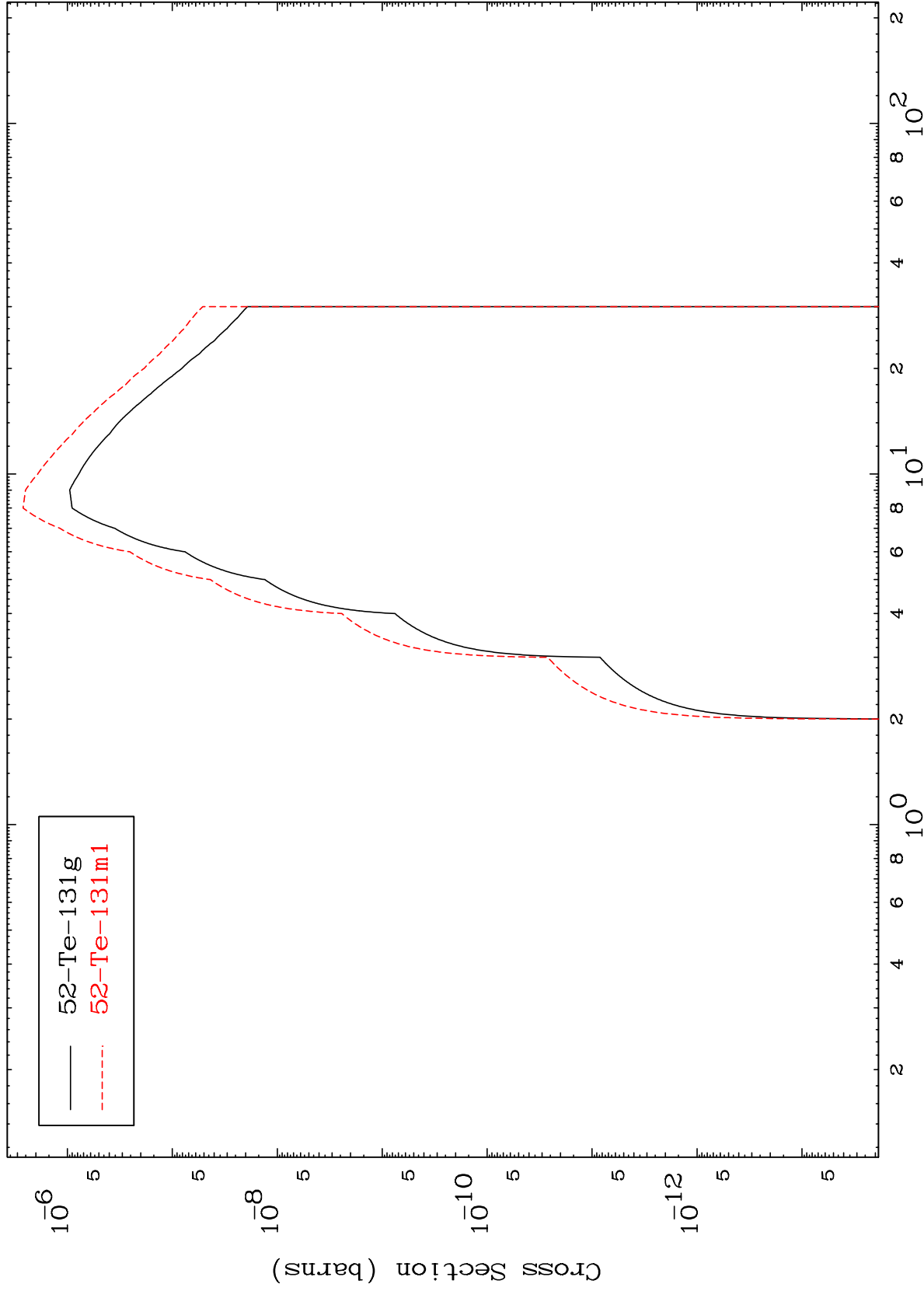
Incident Energy (MeV)

51-Sb-129m

MAT 5150

51-Sb-129m

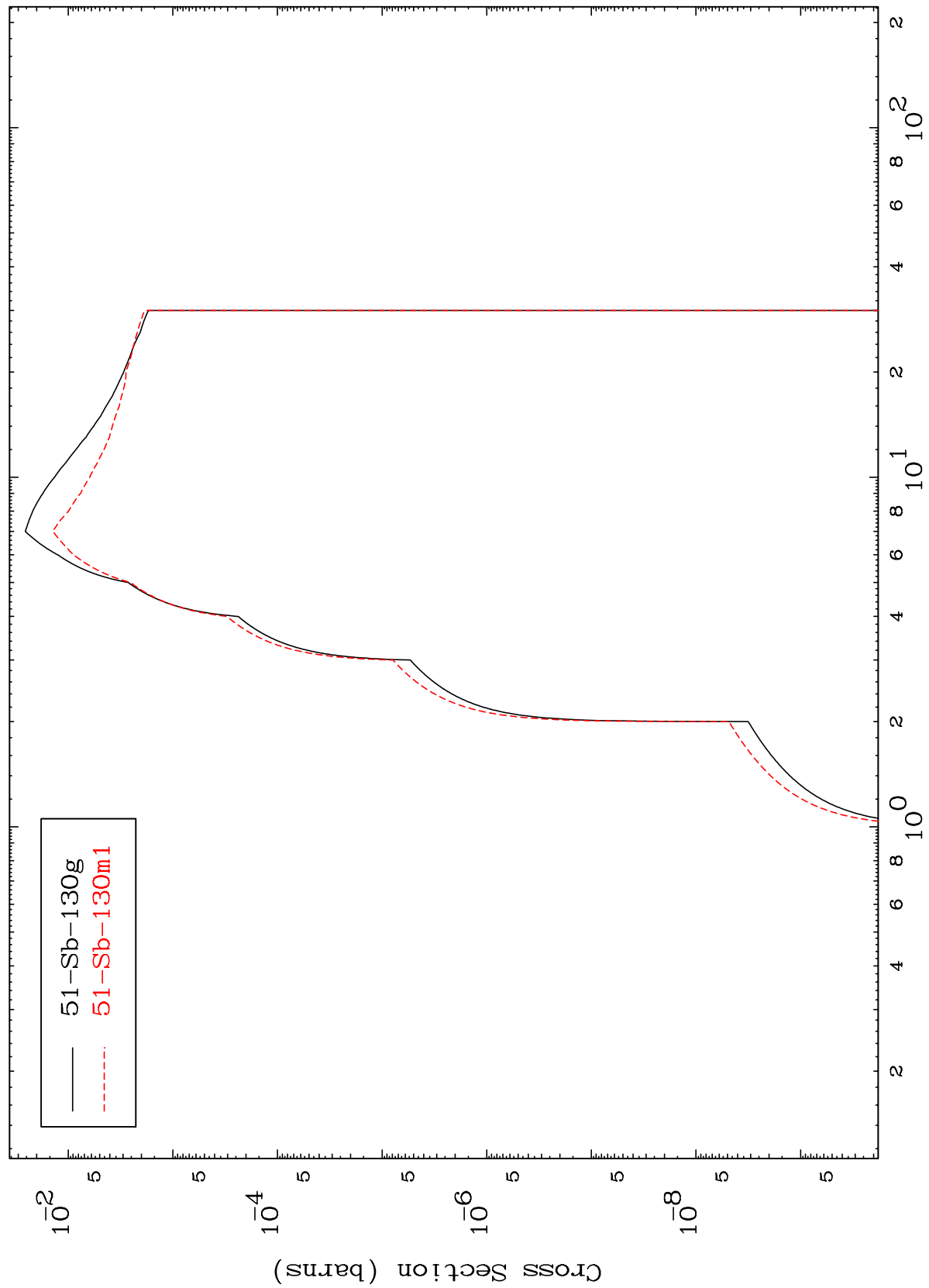
(n,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 5150

51-Sb-129m

(n,p)  
Radionuclide Production Cross Section



51-Sb-129m

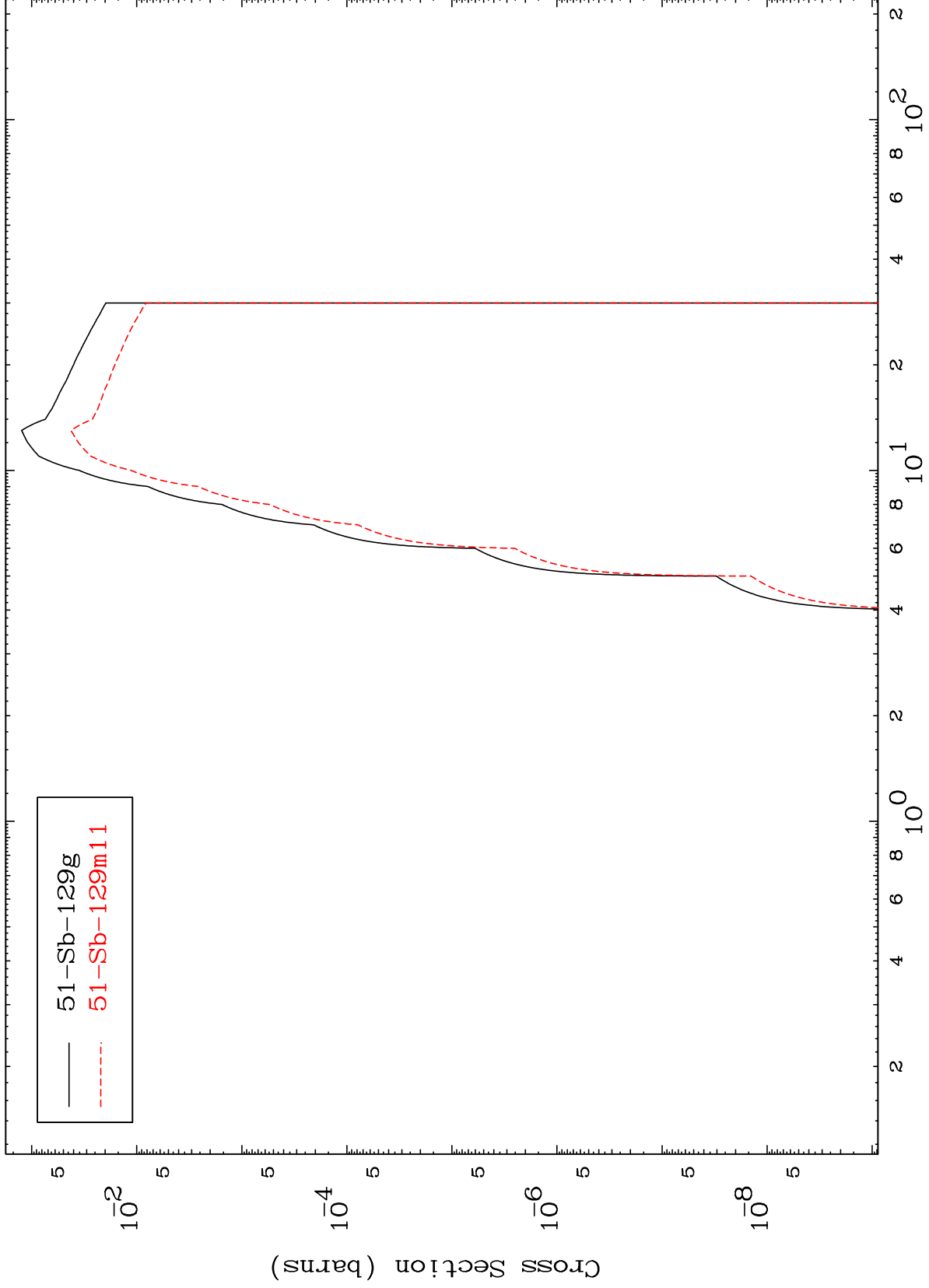
Incident Energy (MeV)

MAT 5150

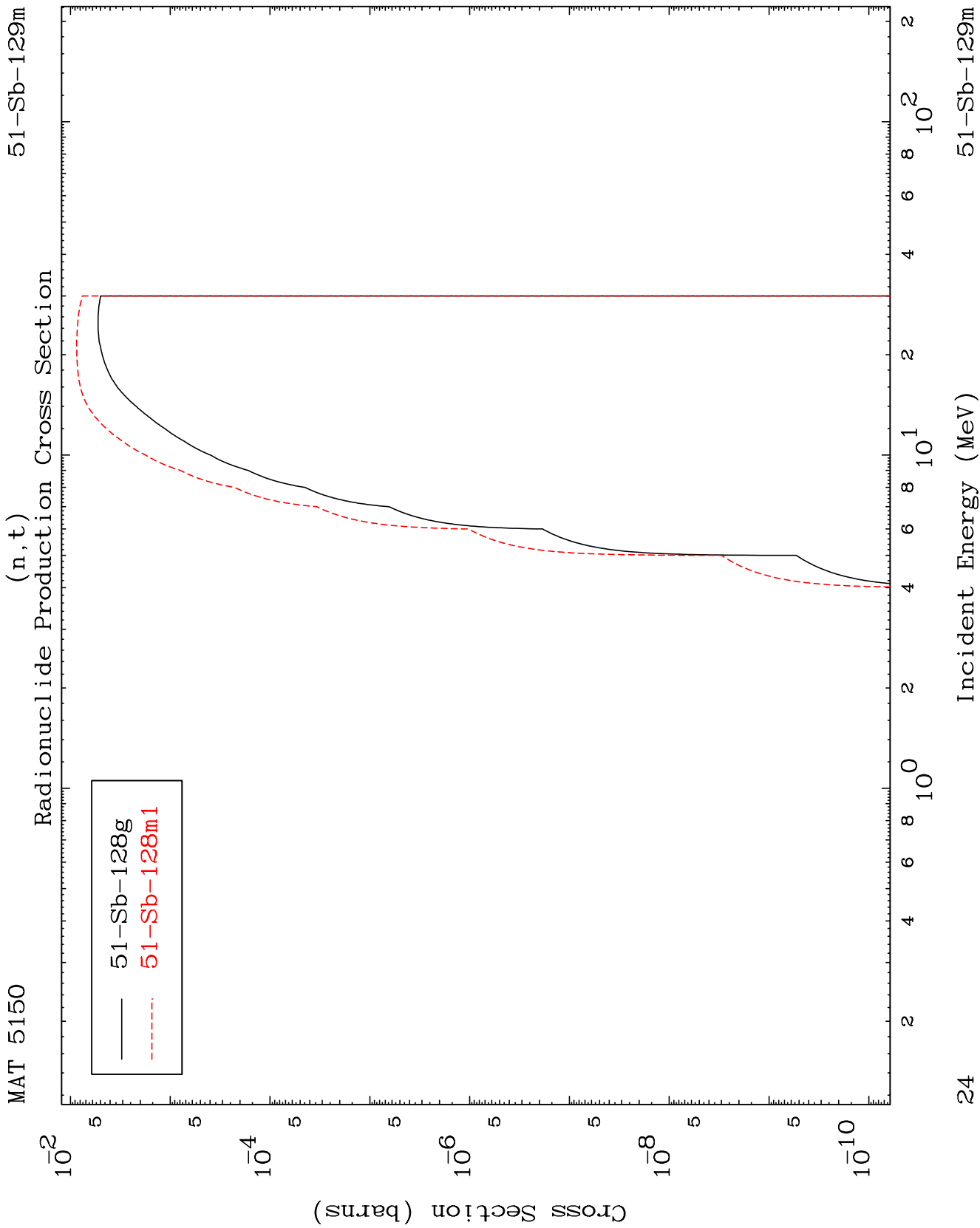
(n,d)

51-Sb-129m

Radionuclide Production Cross Section





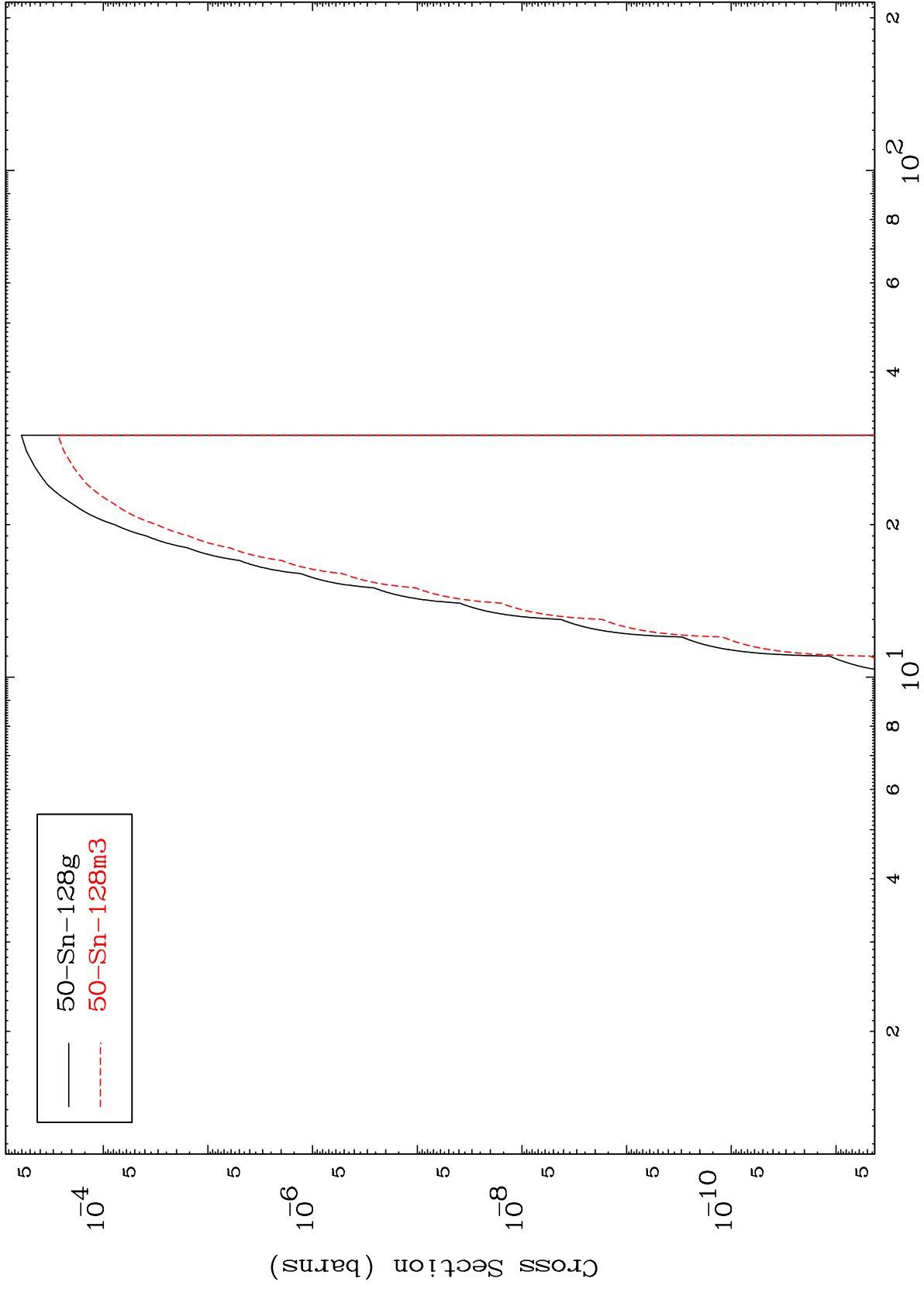


MAT 5150

(n,He-3)

51-Sb-129m

Radionuclide Production Cross Section



25

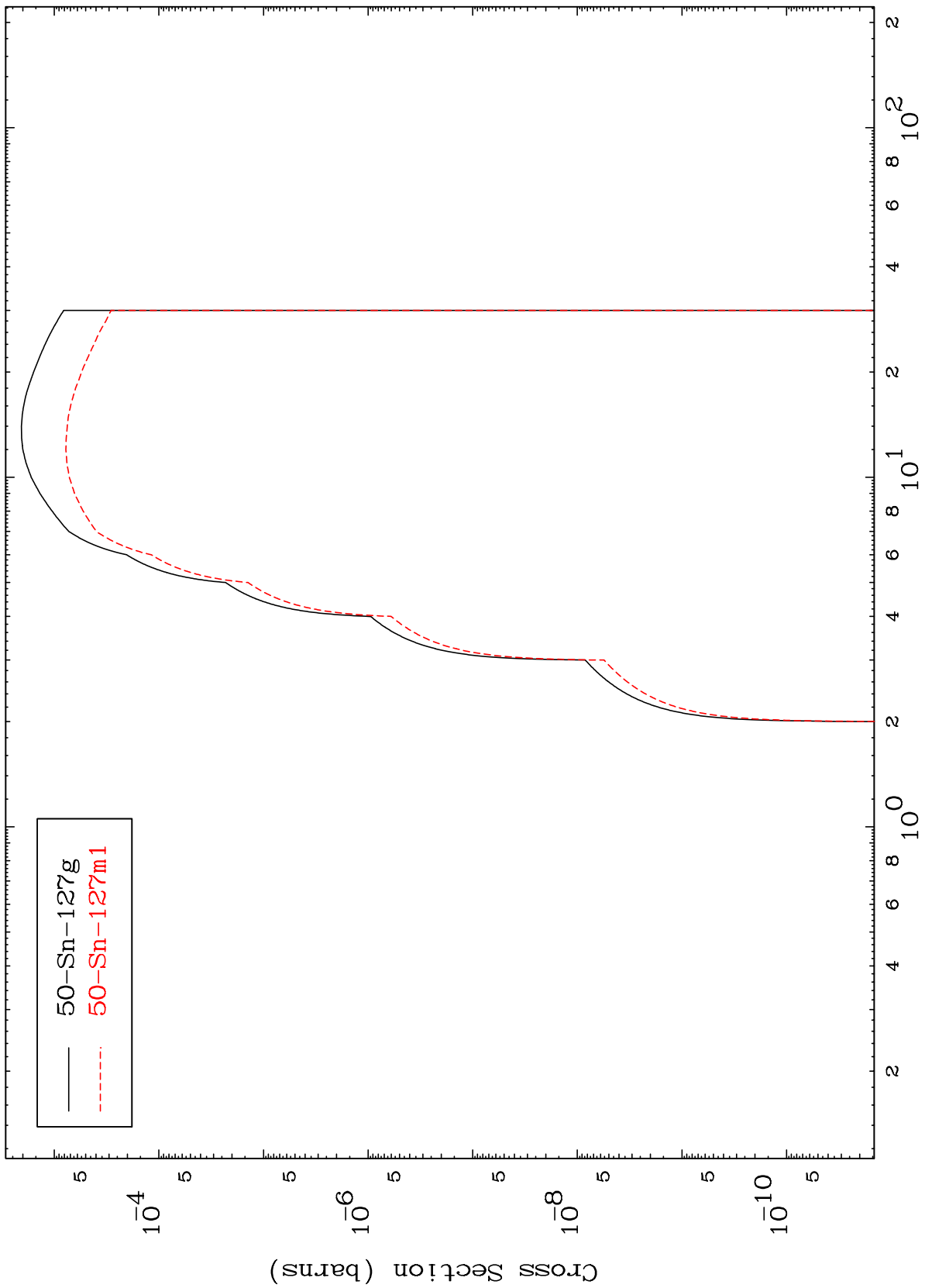
Incident Energy (MeV)

51-Sb-129m

MAT 5150

51-Sb-129m

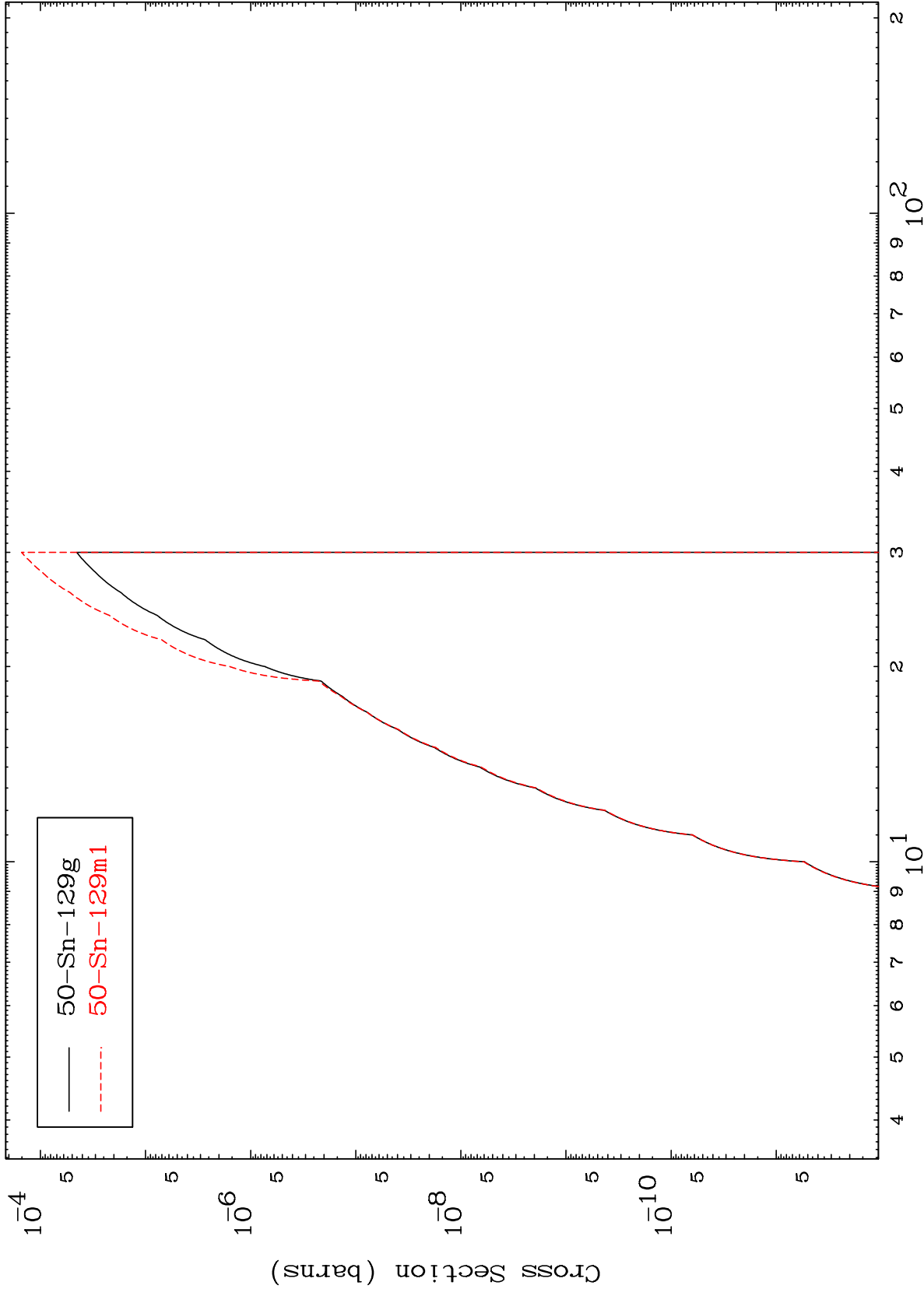
Radionuclide Production Cross Section



MAT 5150

51-Sb-129m

(n,2p)  
Radionuclide Production Cross Section



51-Sb-129m

Incident Energy (MeV)

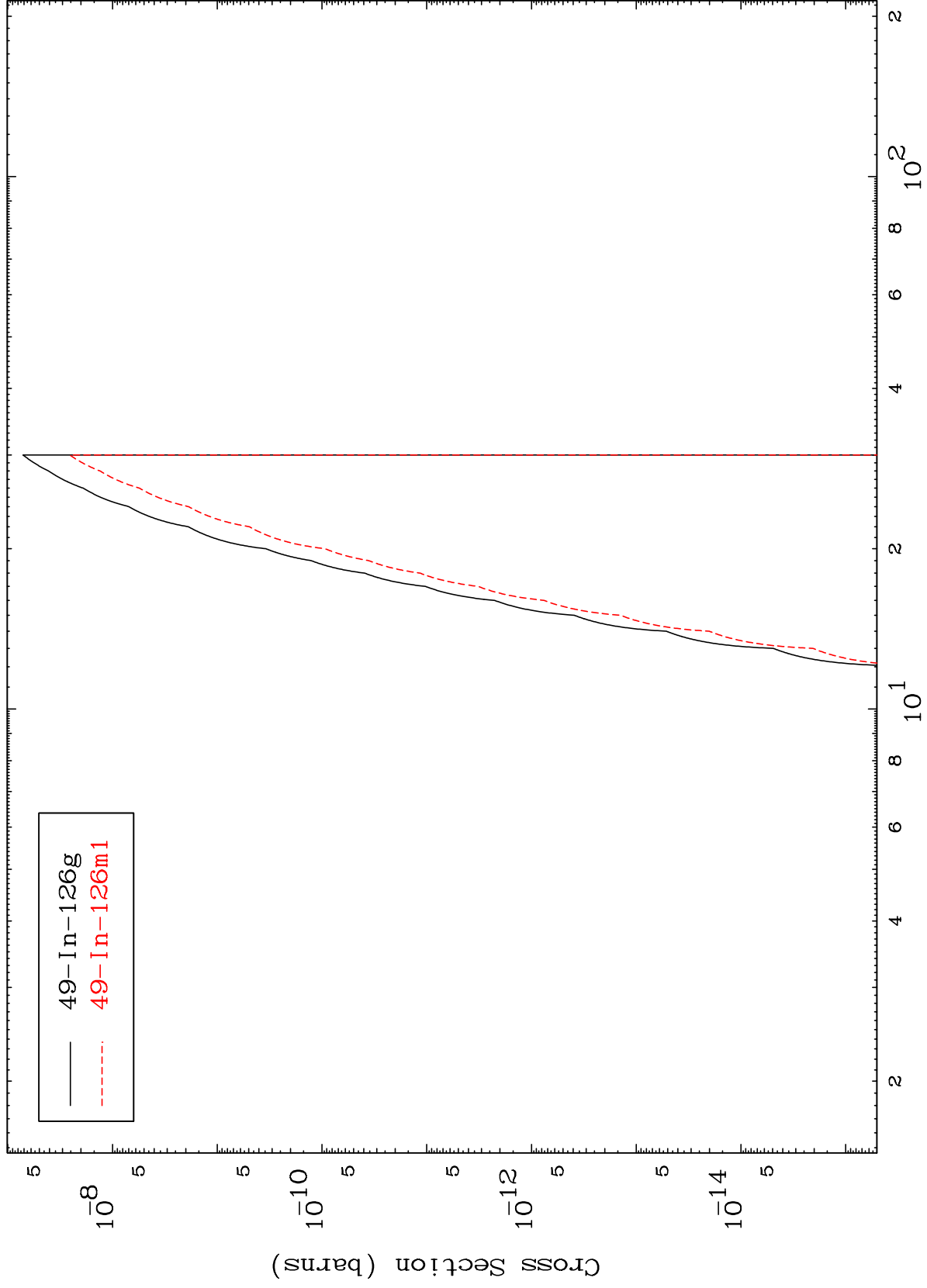
27

MAT 5150

(n,p)  $\alpha$

51-Sb-129m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

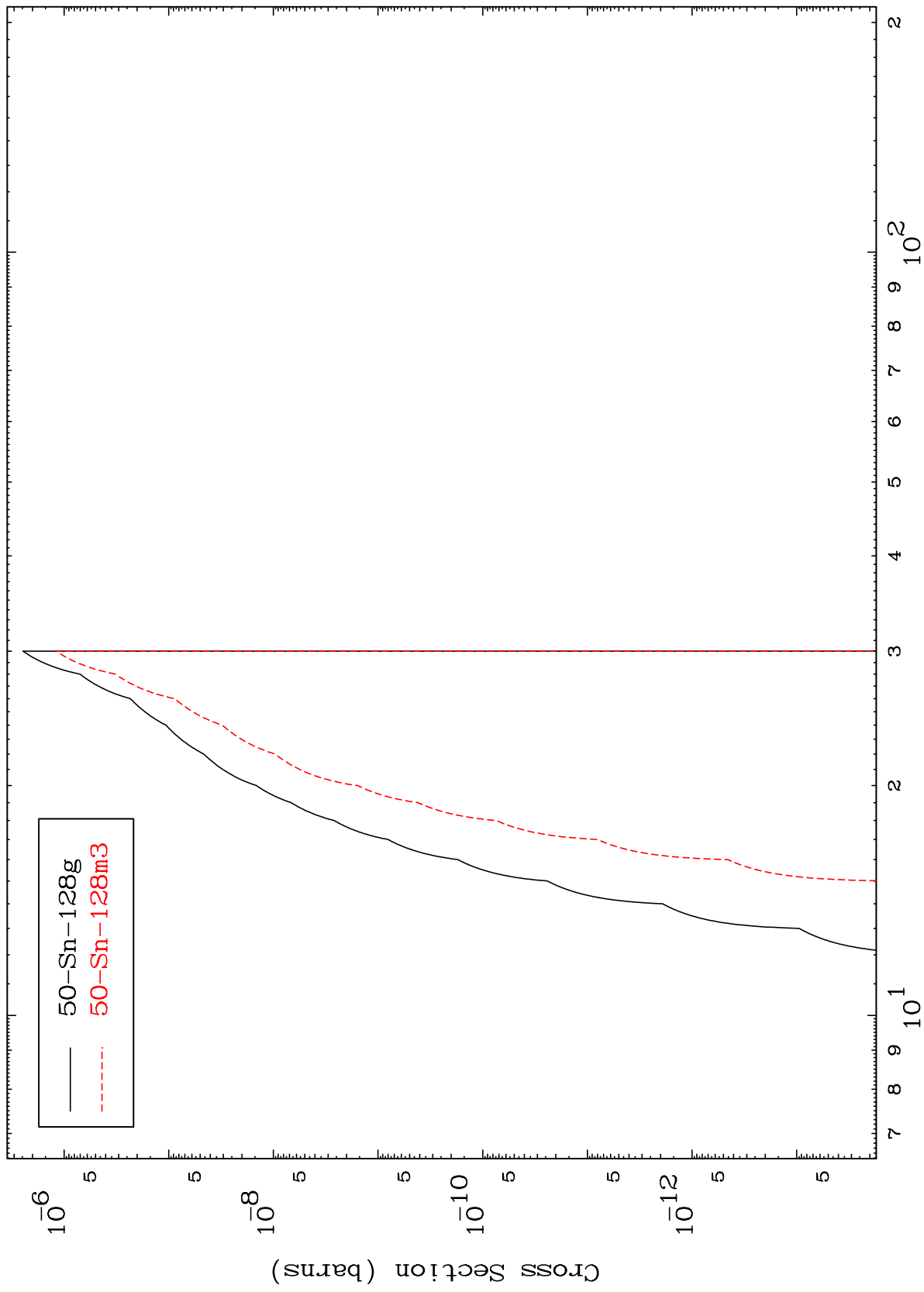
51-Sb-129m

MAT 5150

(n,p) d

51-Sb-129m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

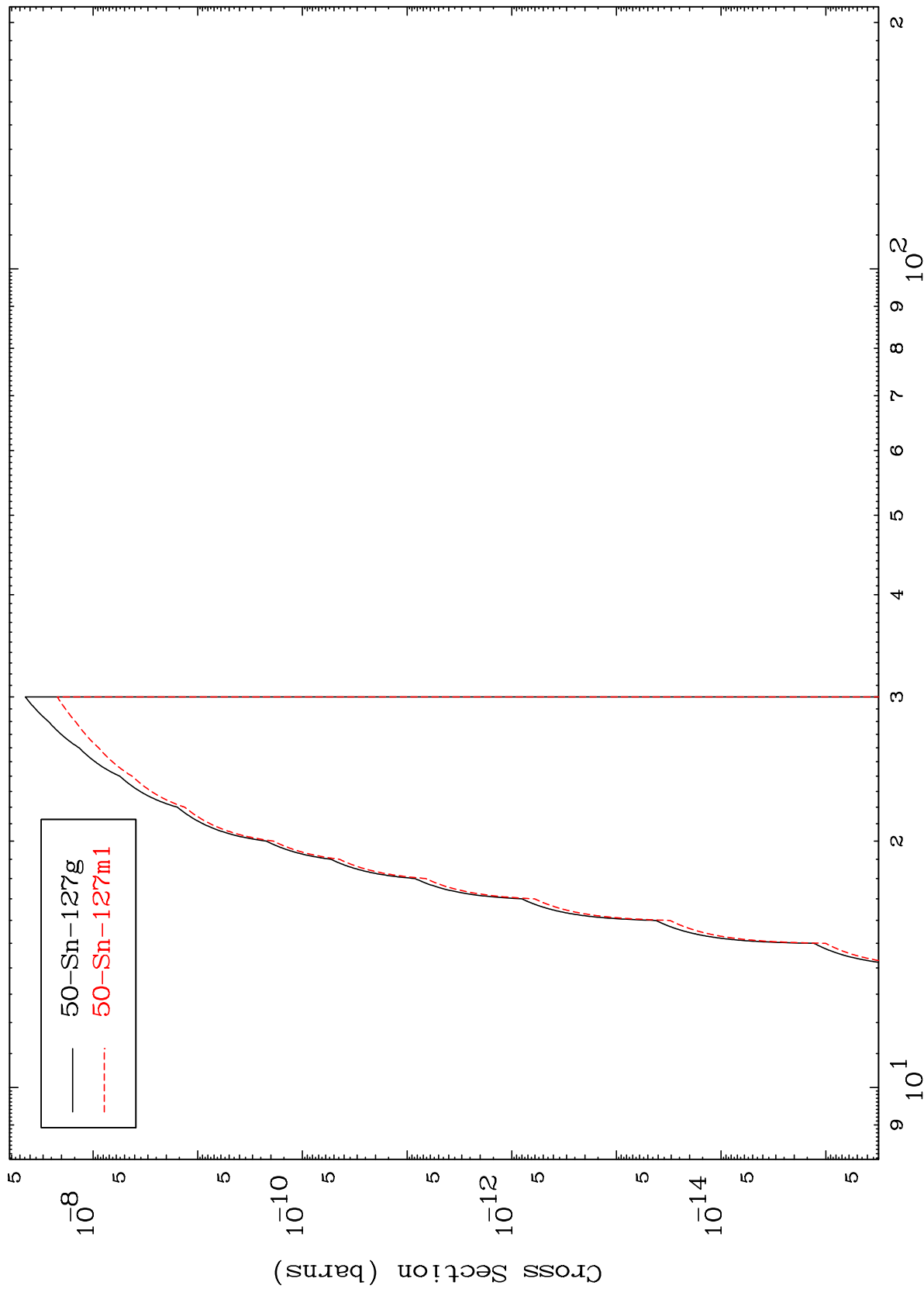
51-Sb-129m

MAT 5150

(n,p) t

51-Sb-129m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

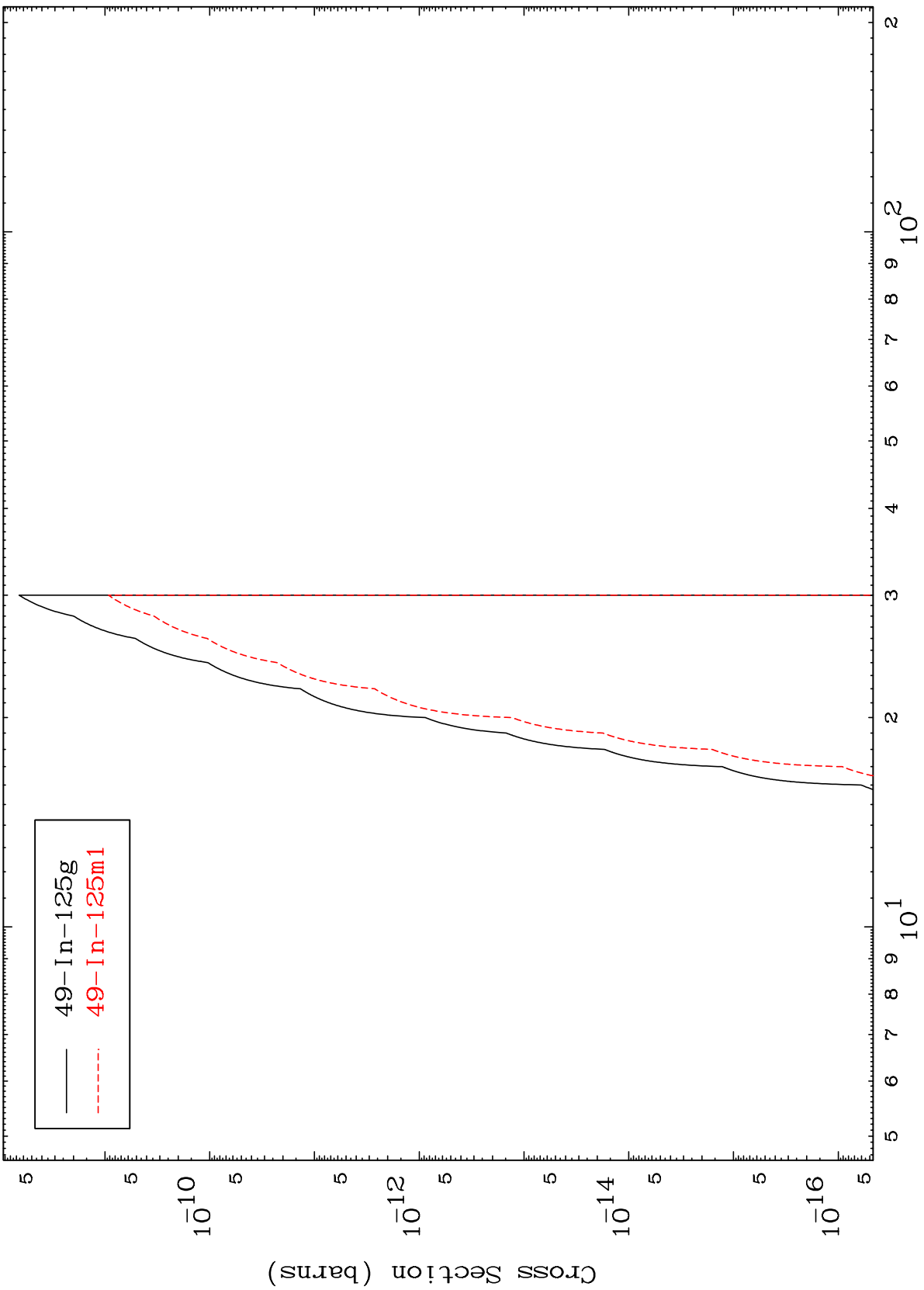
51-Sb-129m

MAT 5150

(n,d)  $\alpha$

51-Sb-129m

Radionuclide Production Cross Section



— 49-In-125g  
- - - 49-In-125m1

31

Incident Energy (MeV)

51-Sb-129m