

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

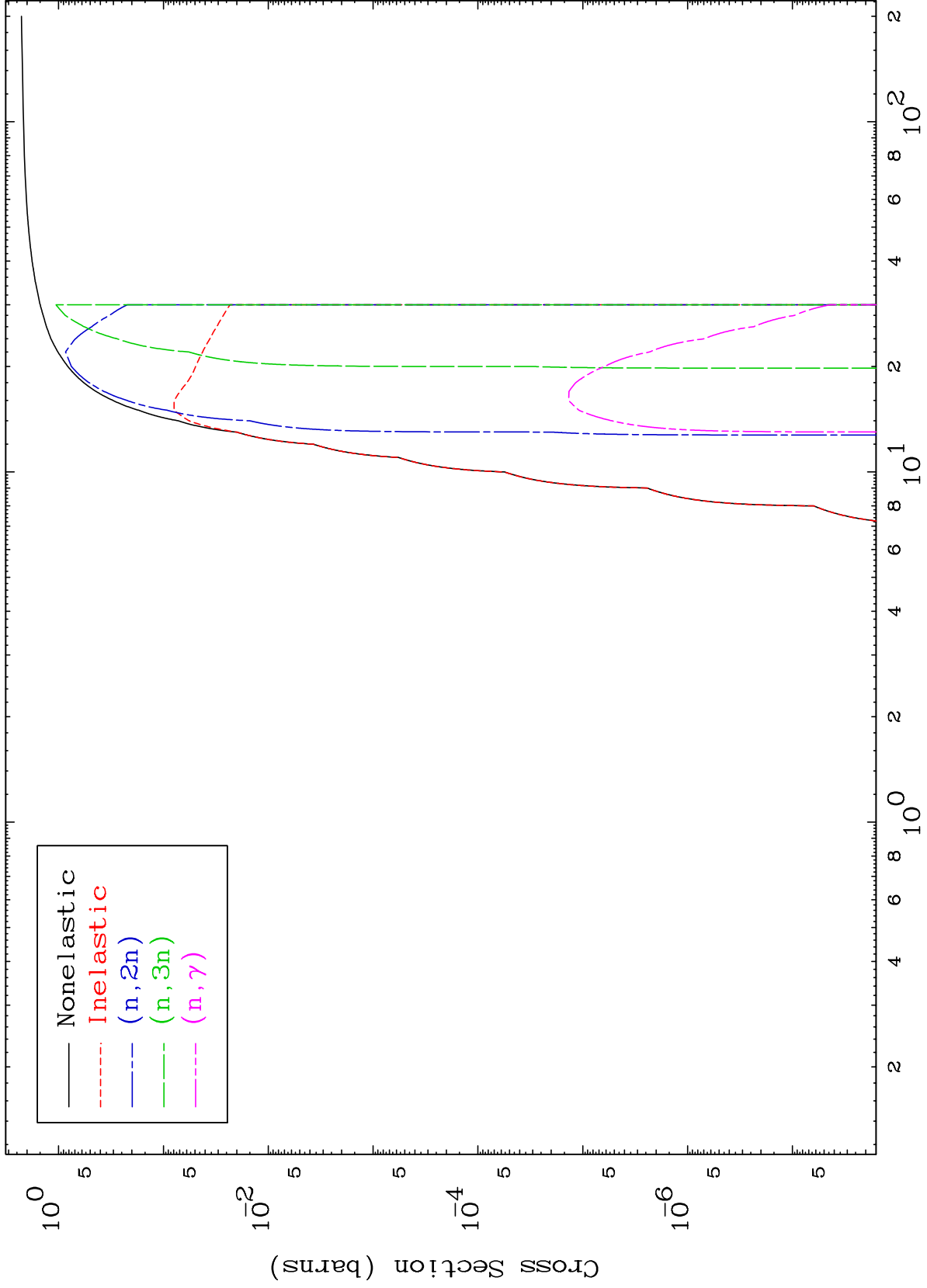
Press Mouse Button to Start

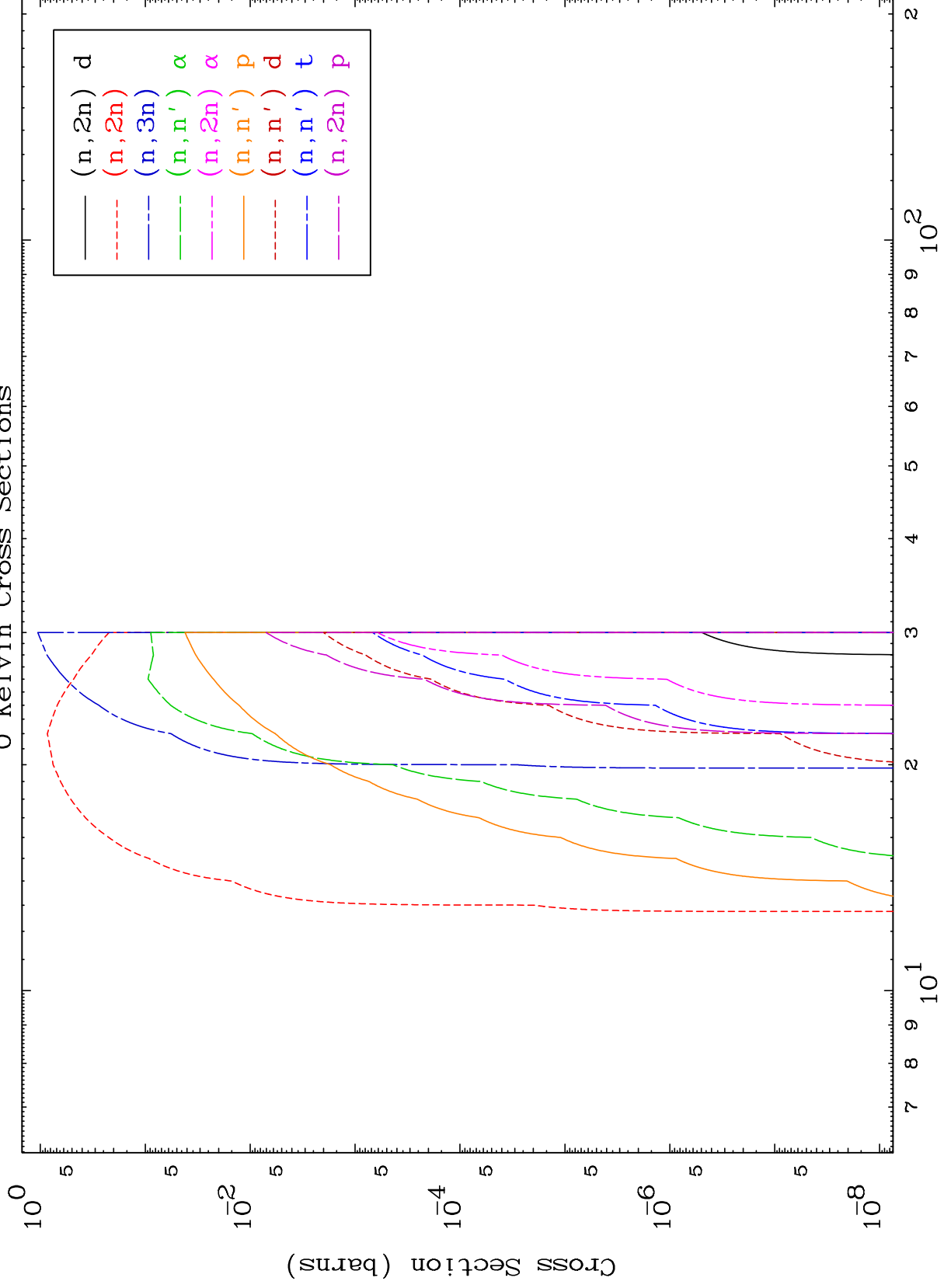
MAT 5141

0 Kelvin

$\alpha$  Major Cross Sections

51-Sb-126m

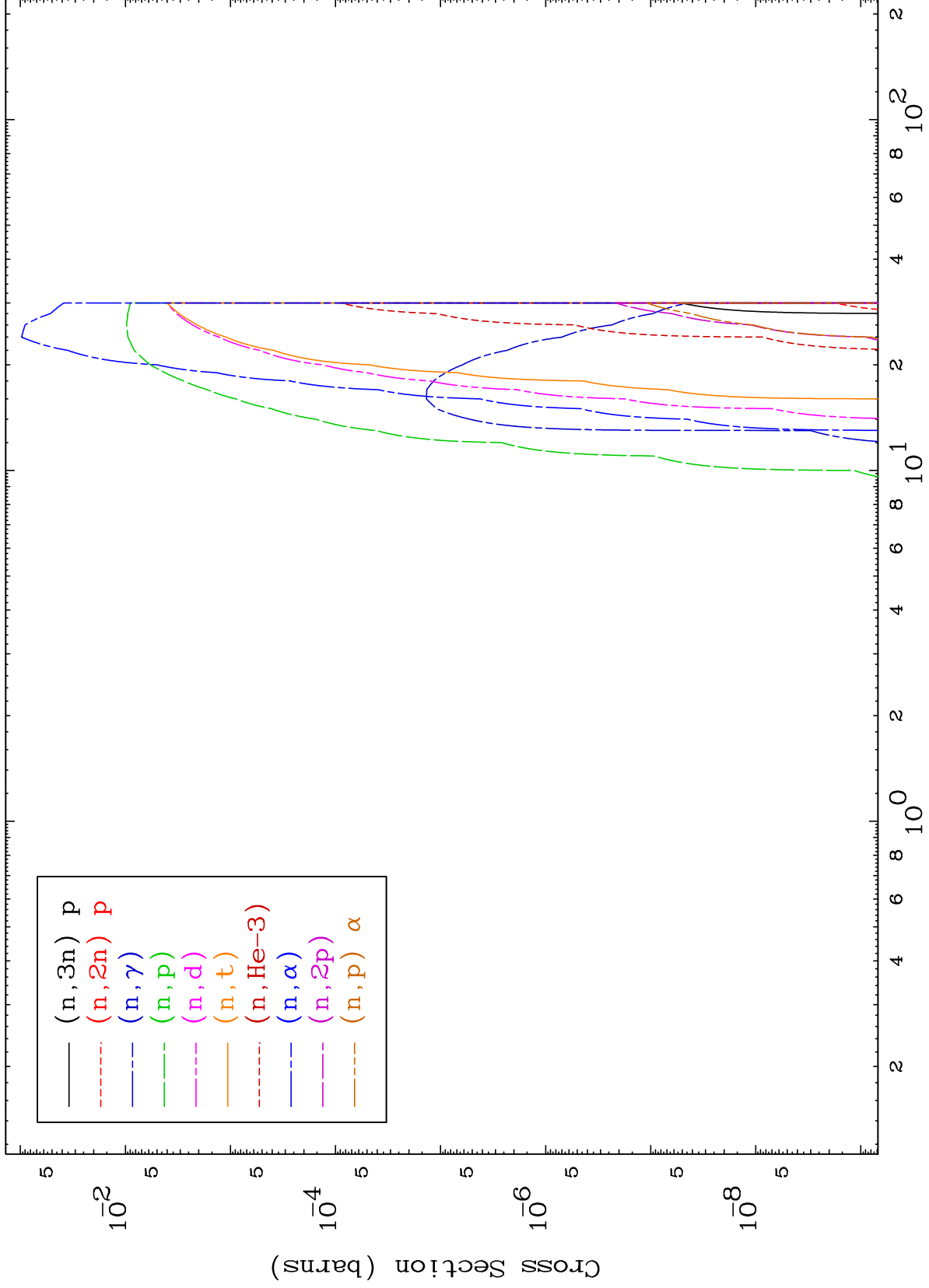


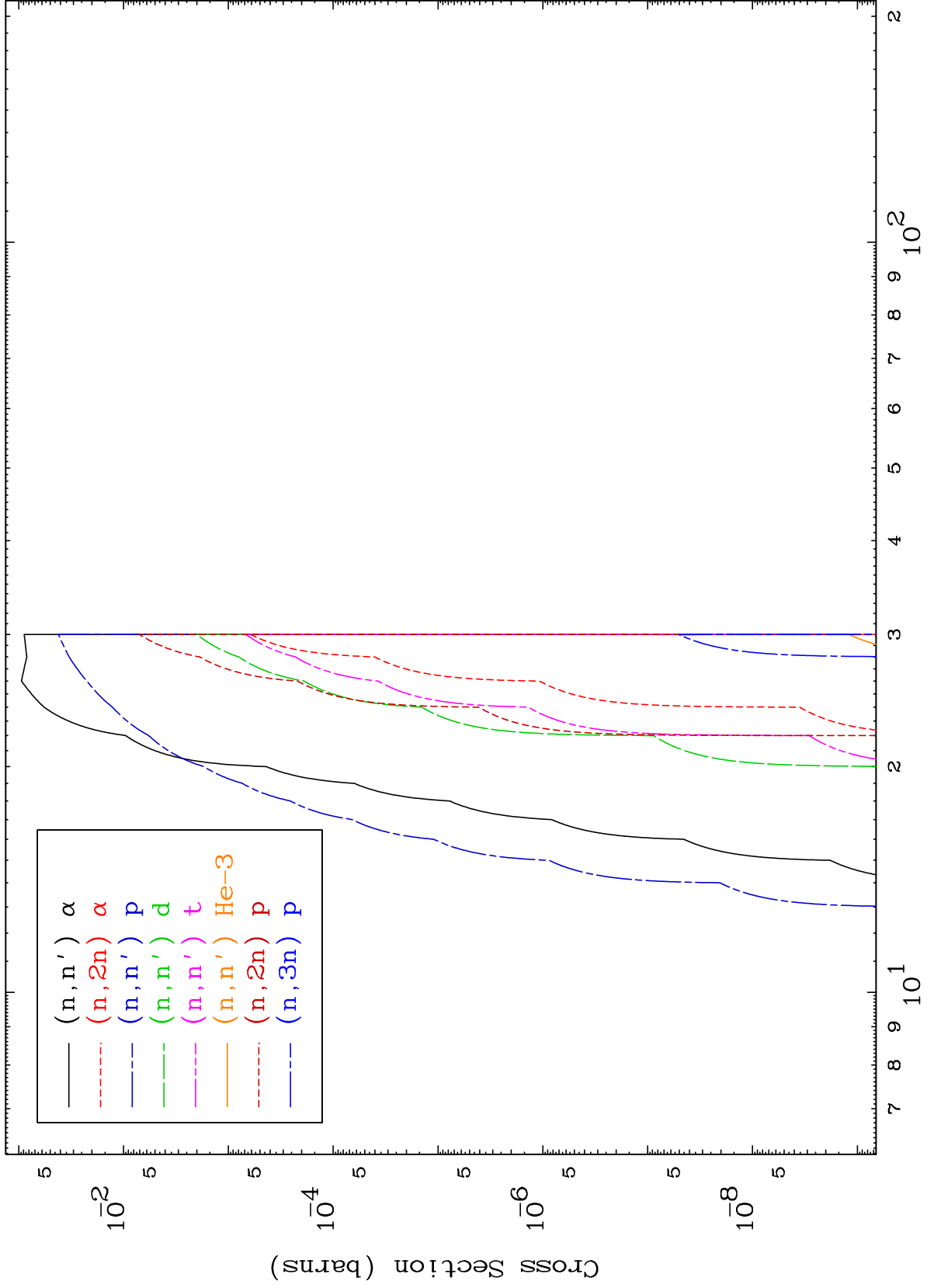


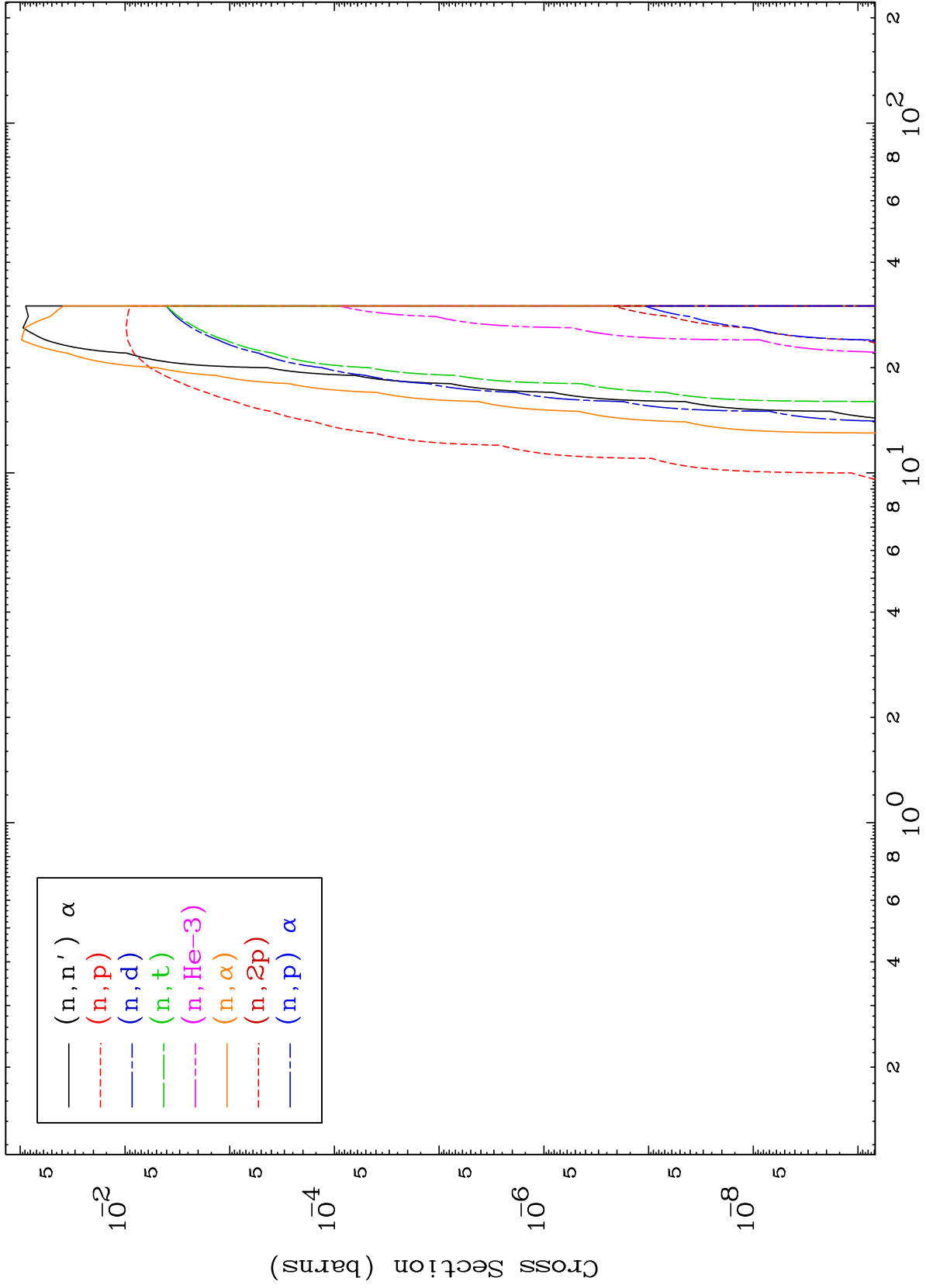
MAT 5141

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

51-Sb-126m





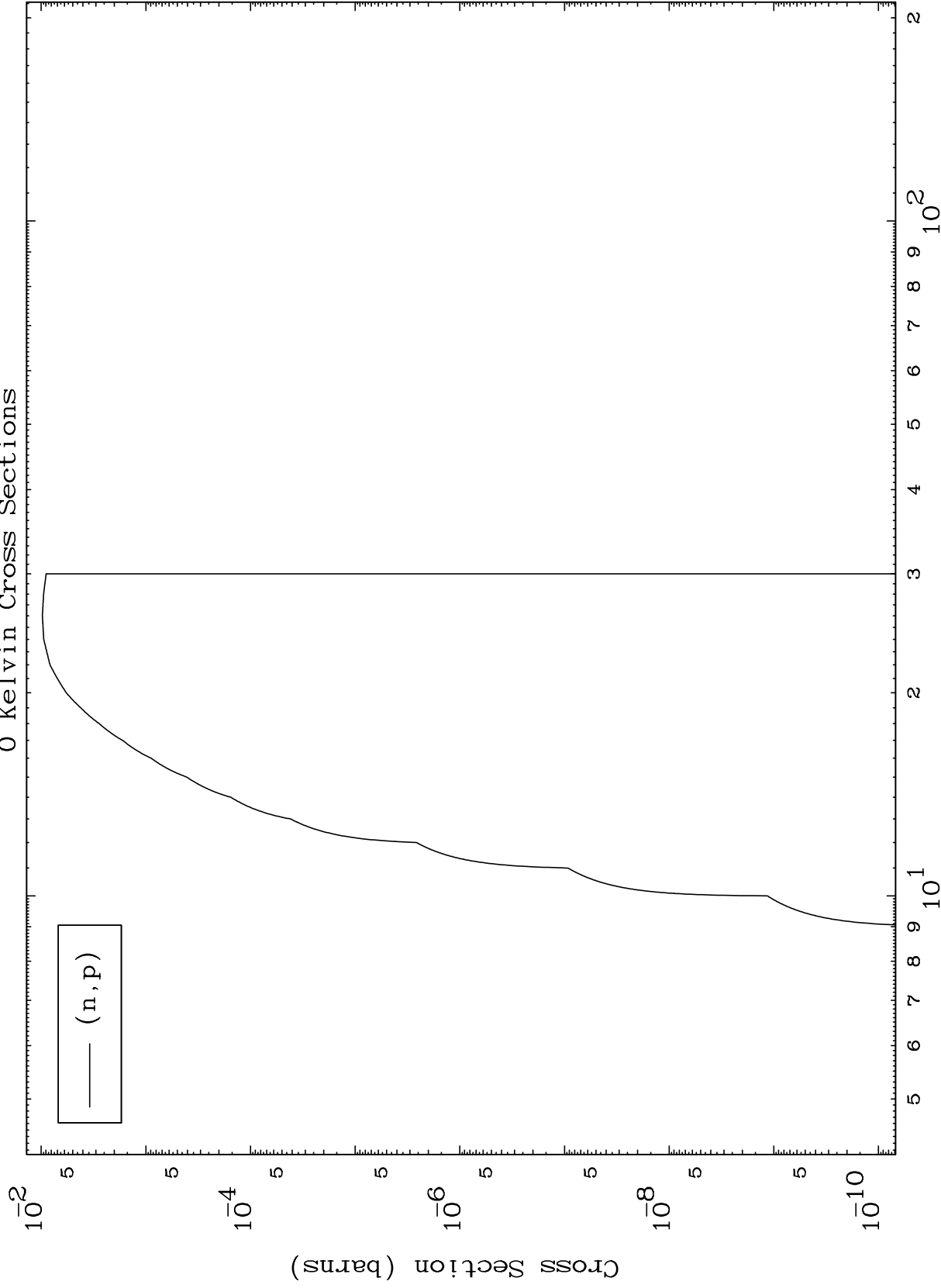


MAT 5141

( $\alpha, p$ ) Levels

51-Sb-126m

0 Kelvin Cross Sections



Incident Energy (MeV)

51-Sb-126m

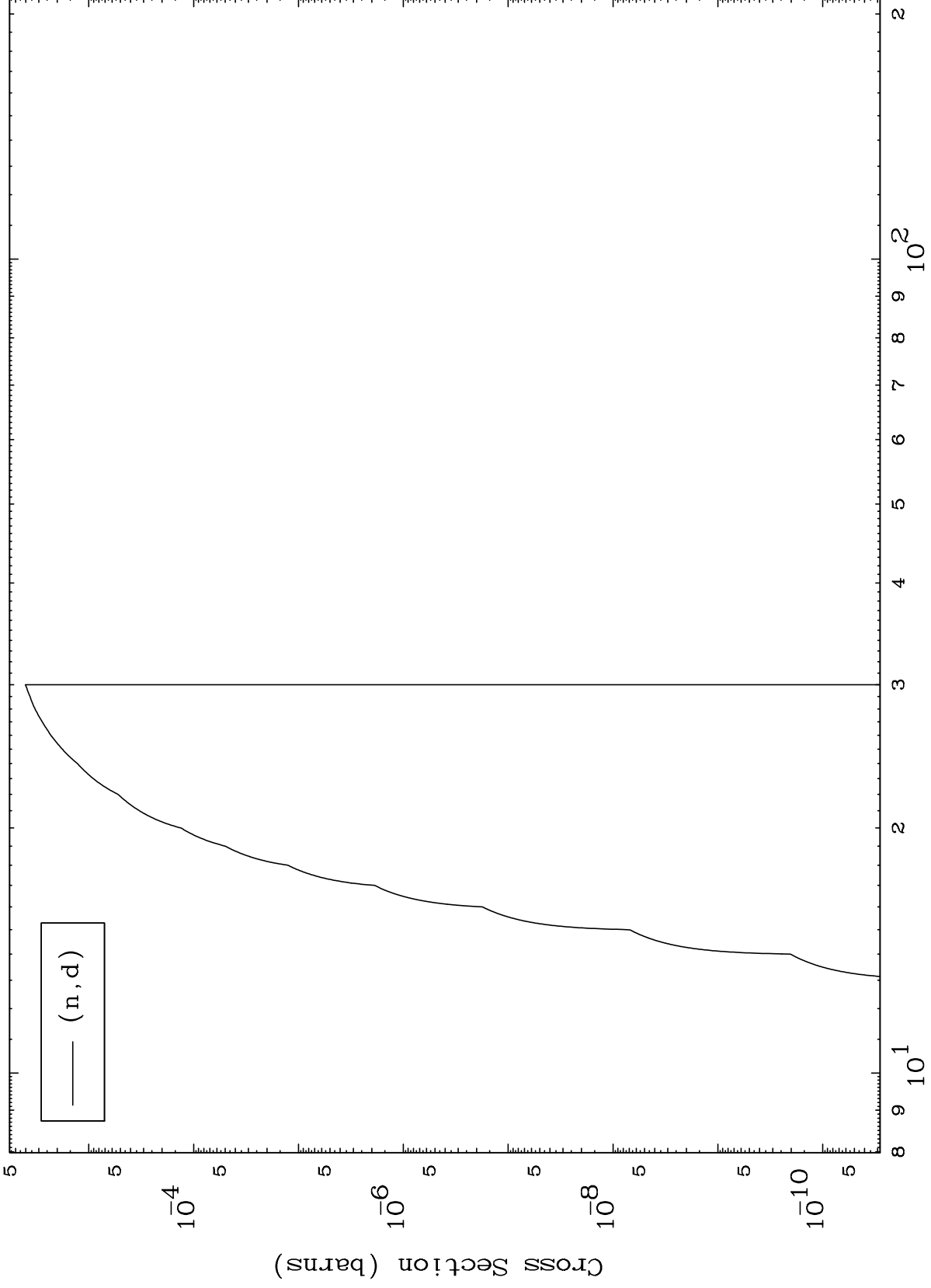
6

MAT 5141

( $\alpha, d$ ) Levels

51-Sb-126m

0 Kelvin Cross Sections

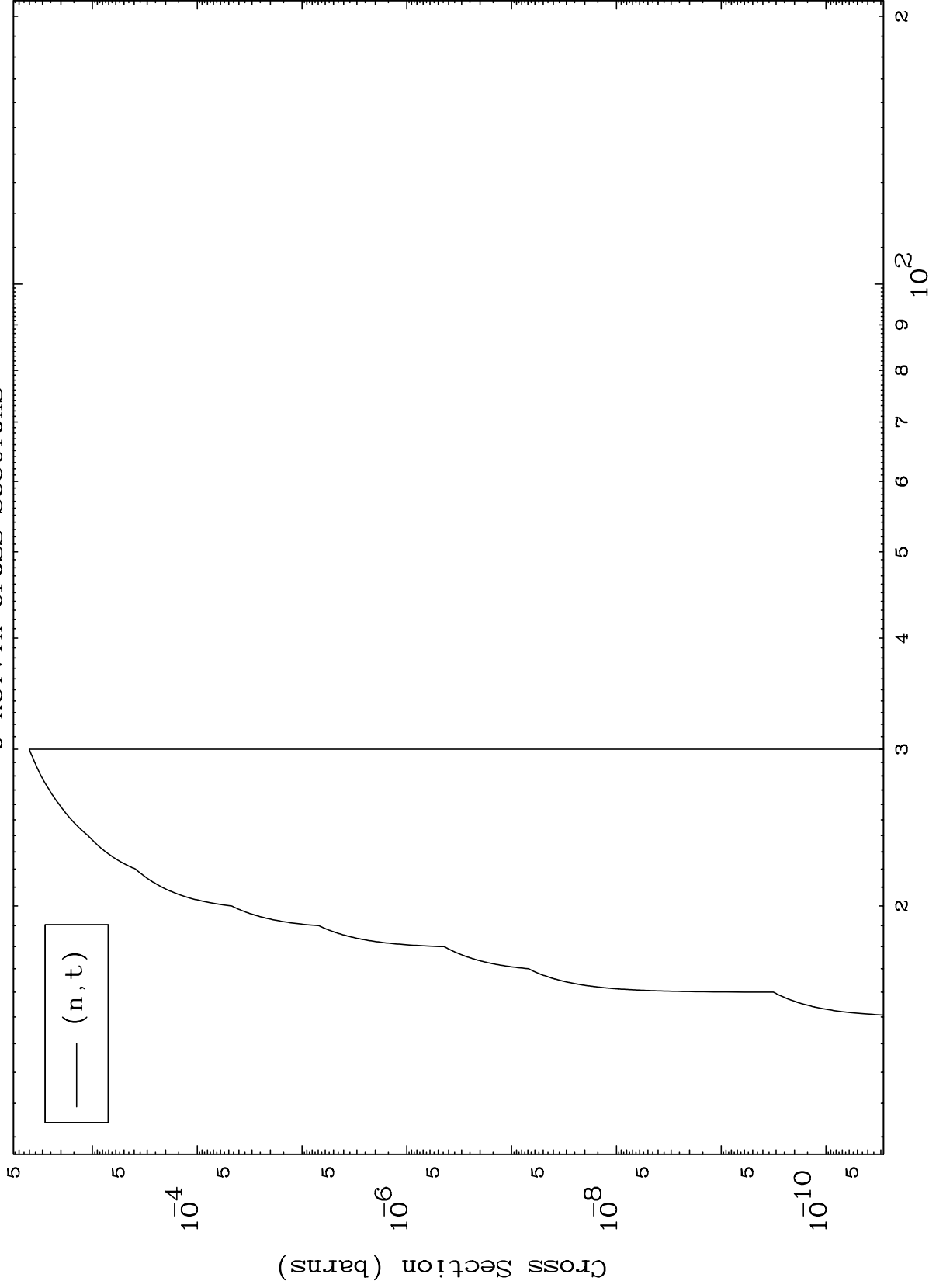


7

Incident Energy (MeV)

51-Sb-126m

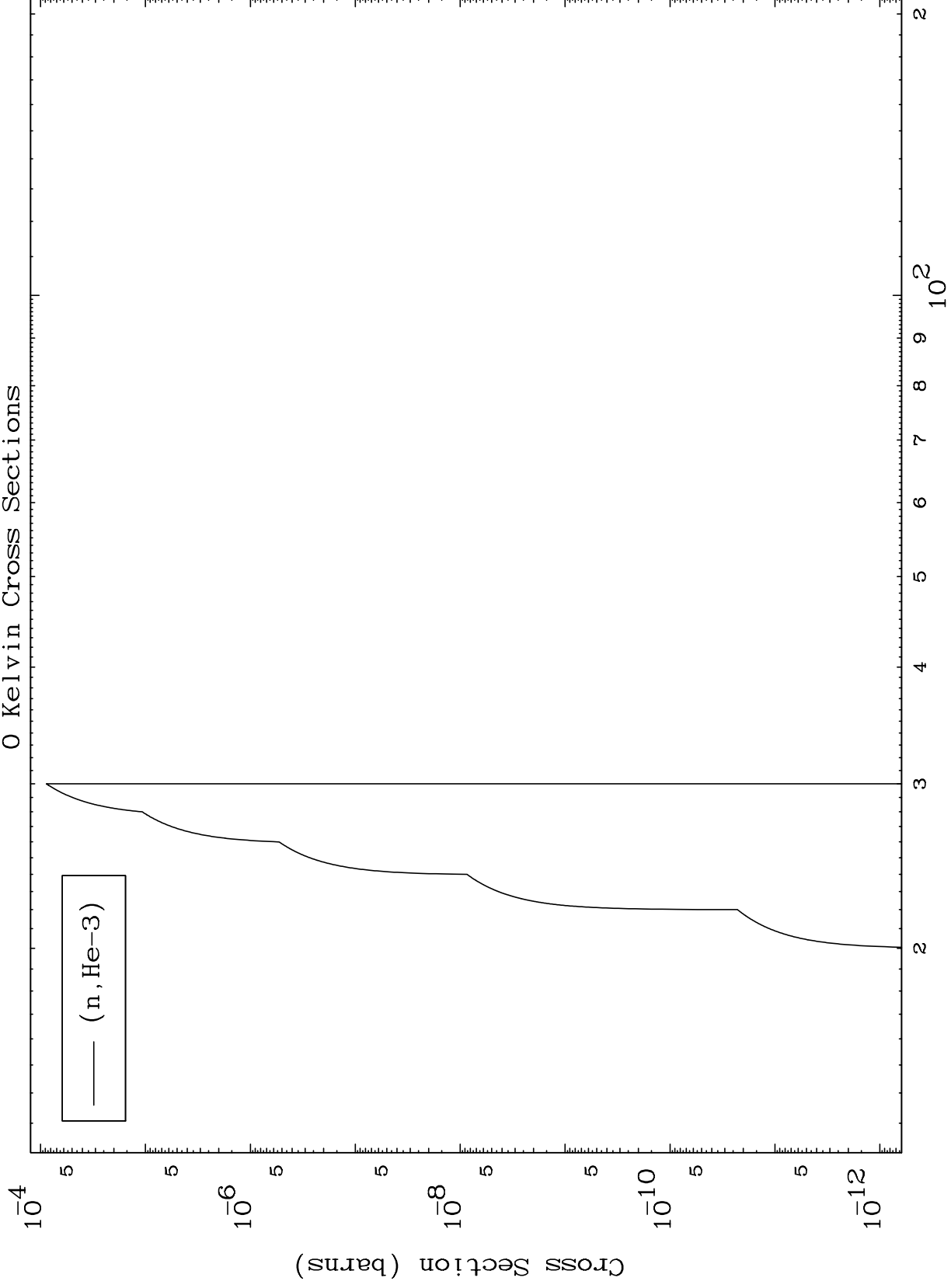




MAT 5141

( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections

51-Sb-126m

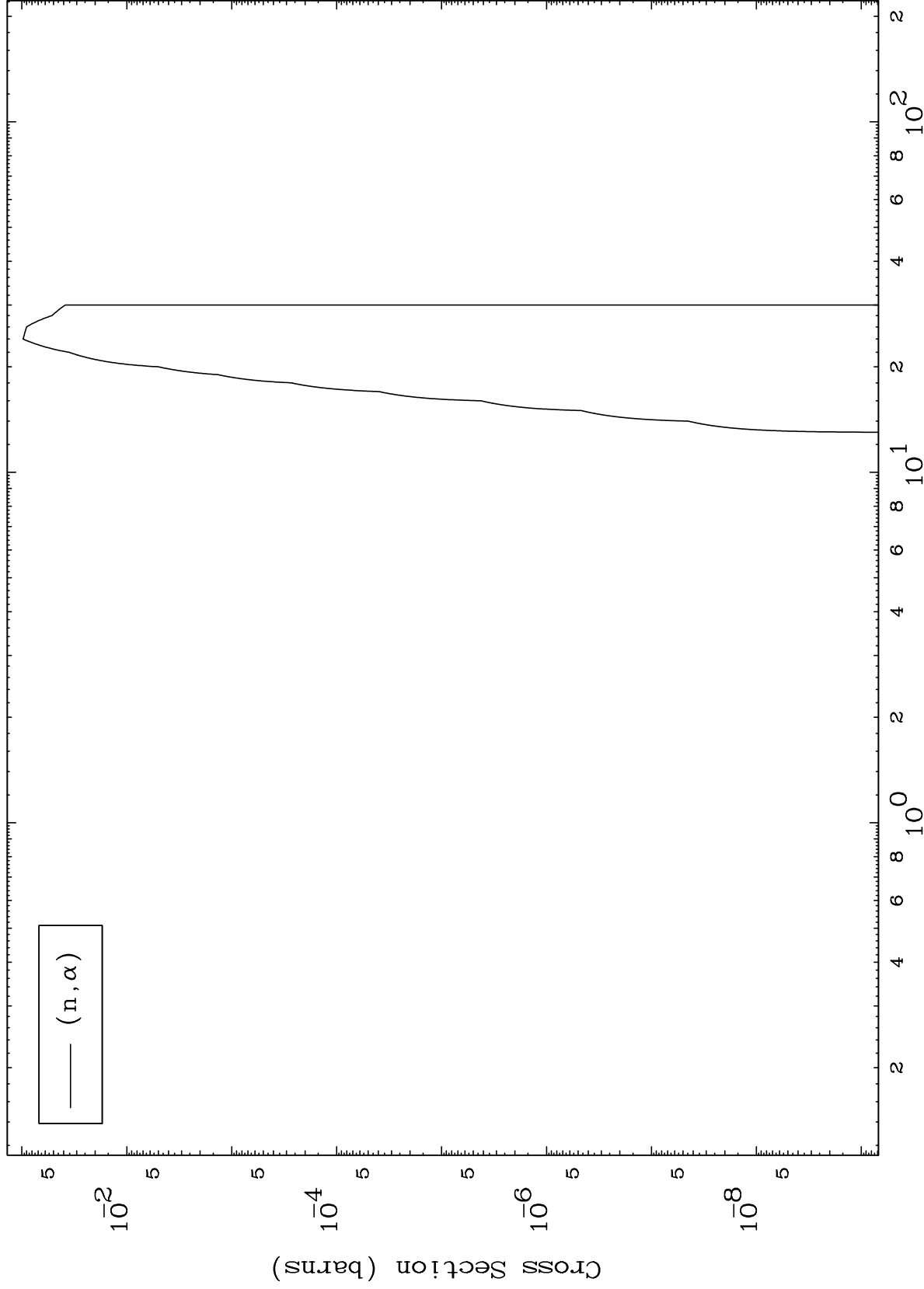


MAT 5141

( $\alpha, \alpha$ ) Levels

51-Sb-126m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

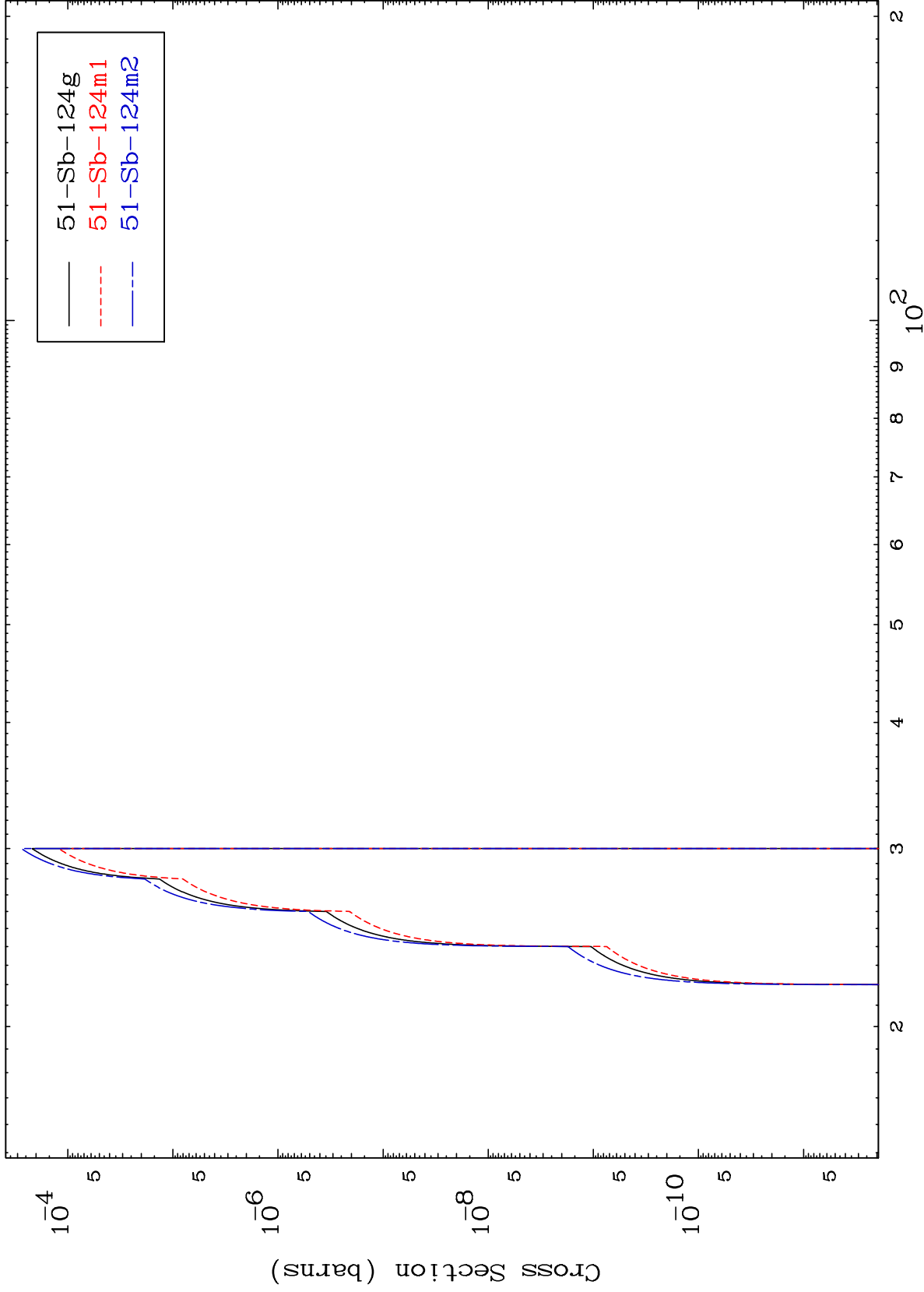
51-Sb-126m

MAT 5141

(n,2n)  $\alpha$

51-Sb-126m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

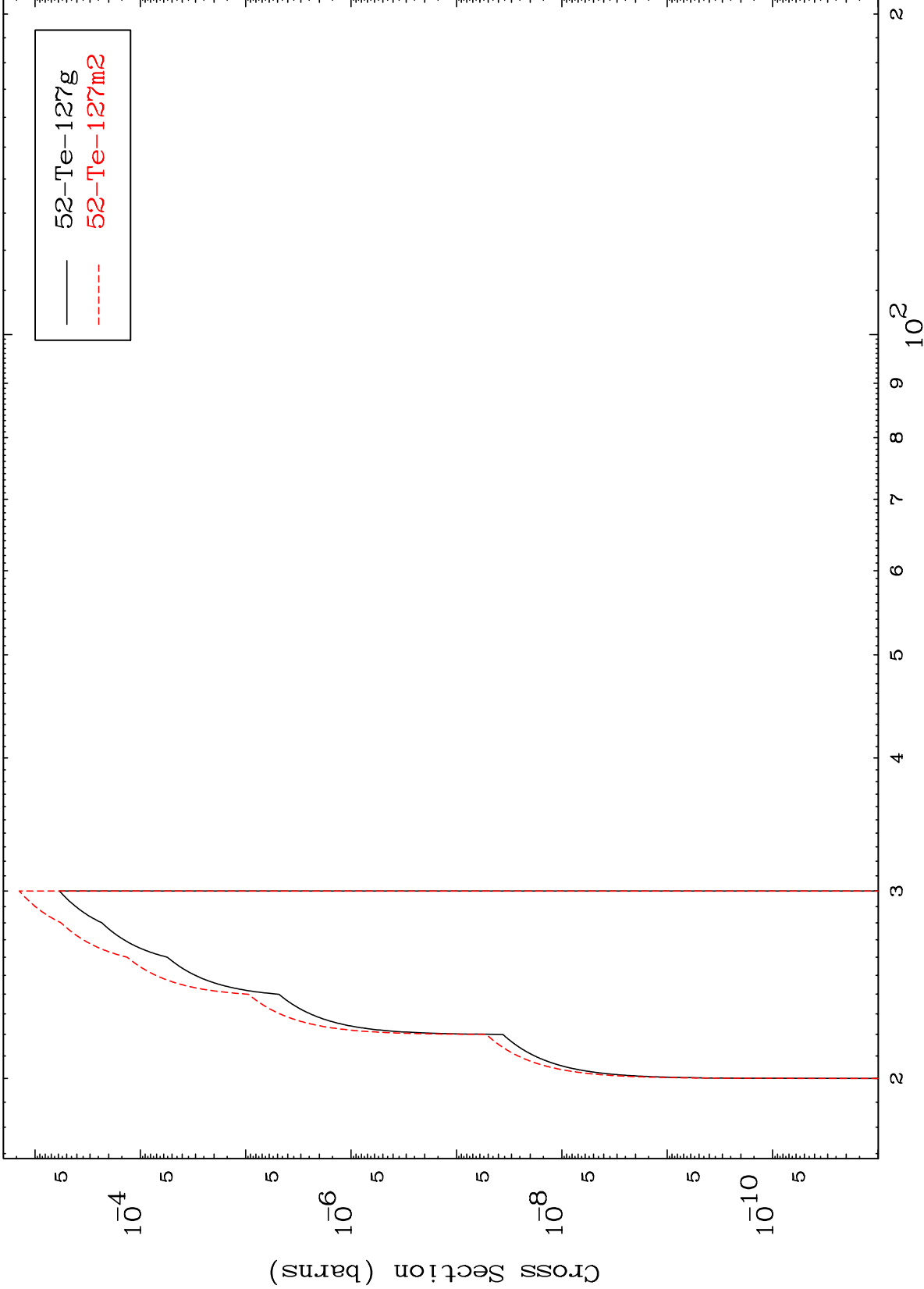
51-Sb-126m

MAT 5141

(n,n') d

51-Sb-126m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

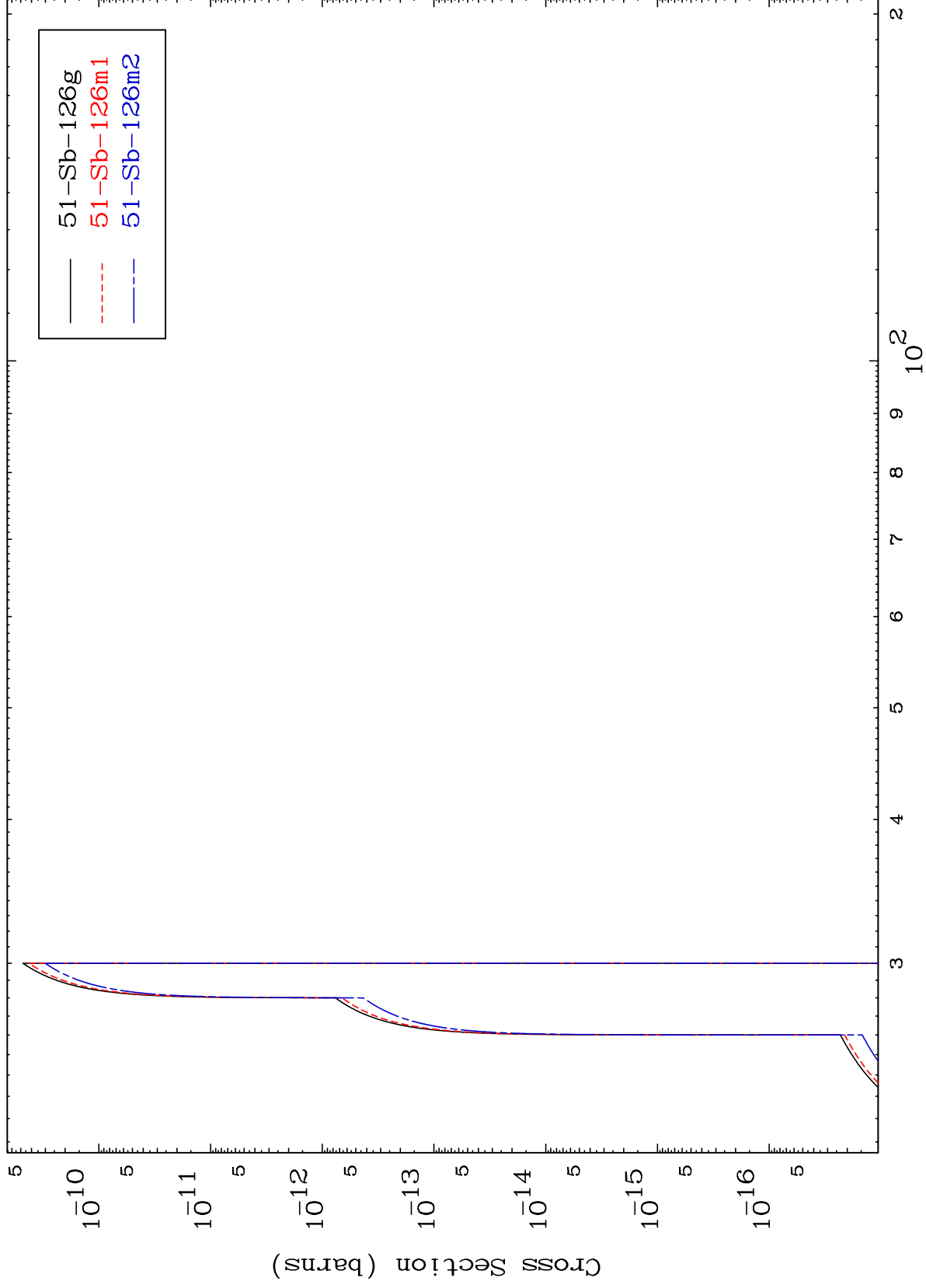
51-Sb-126m

MAT 5141

(n,n') He-3

51-Sb-126m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

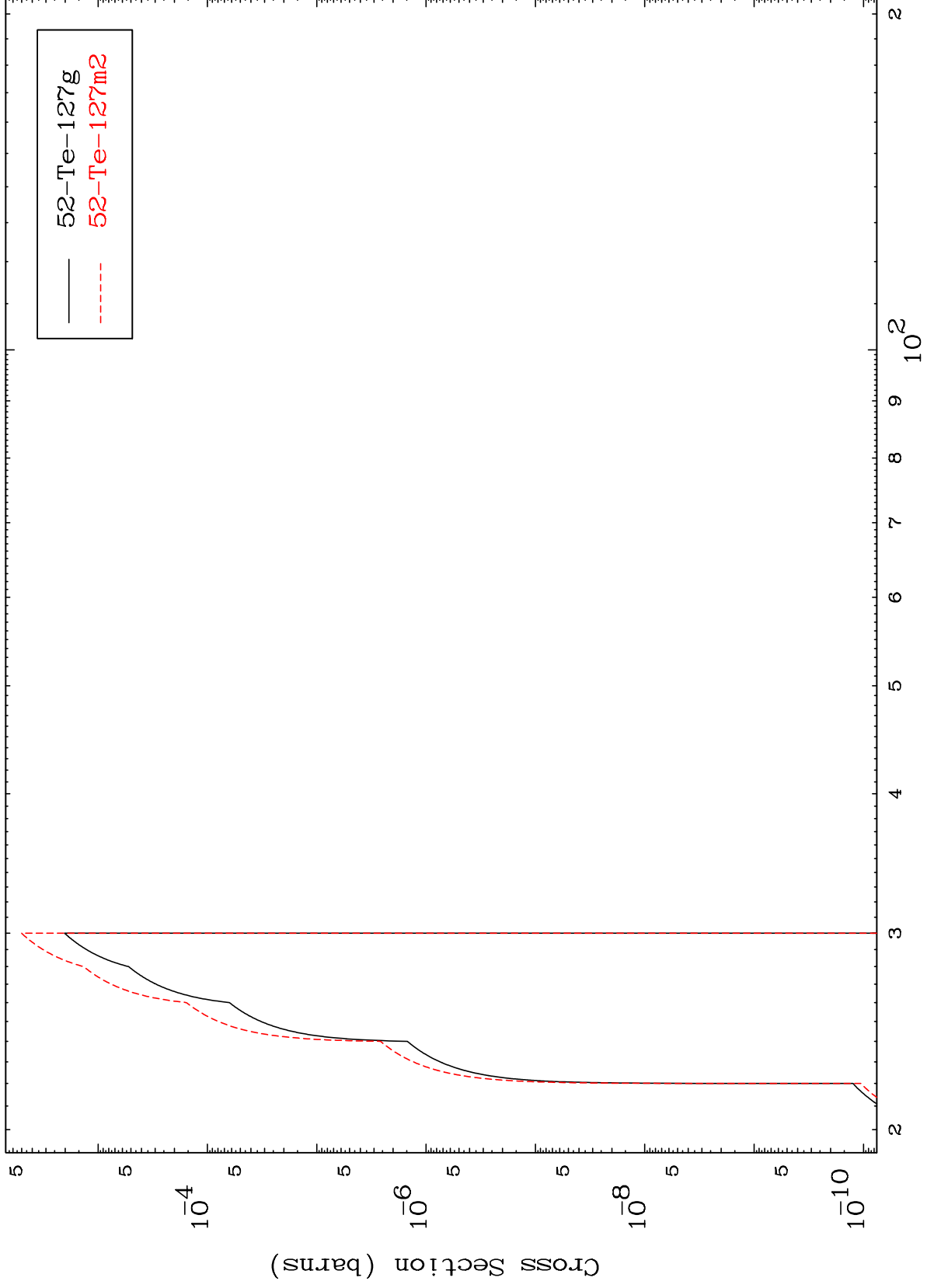
51-Sb-126m

MAT 5141

(n,2n) p

51-Sb-126m

Radionuclide Production Cross Section



14

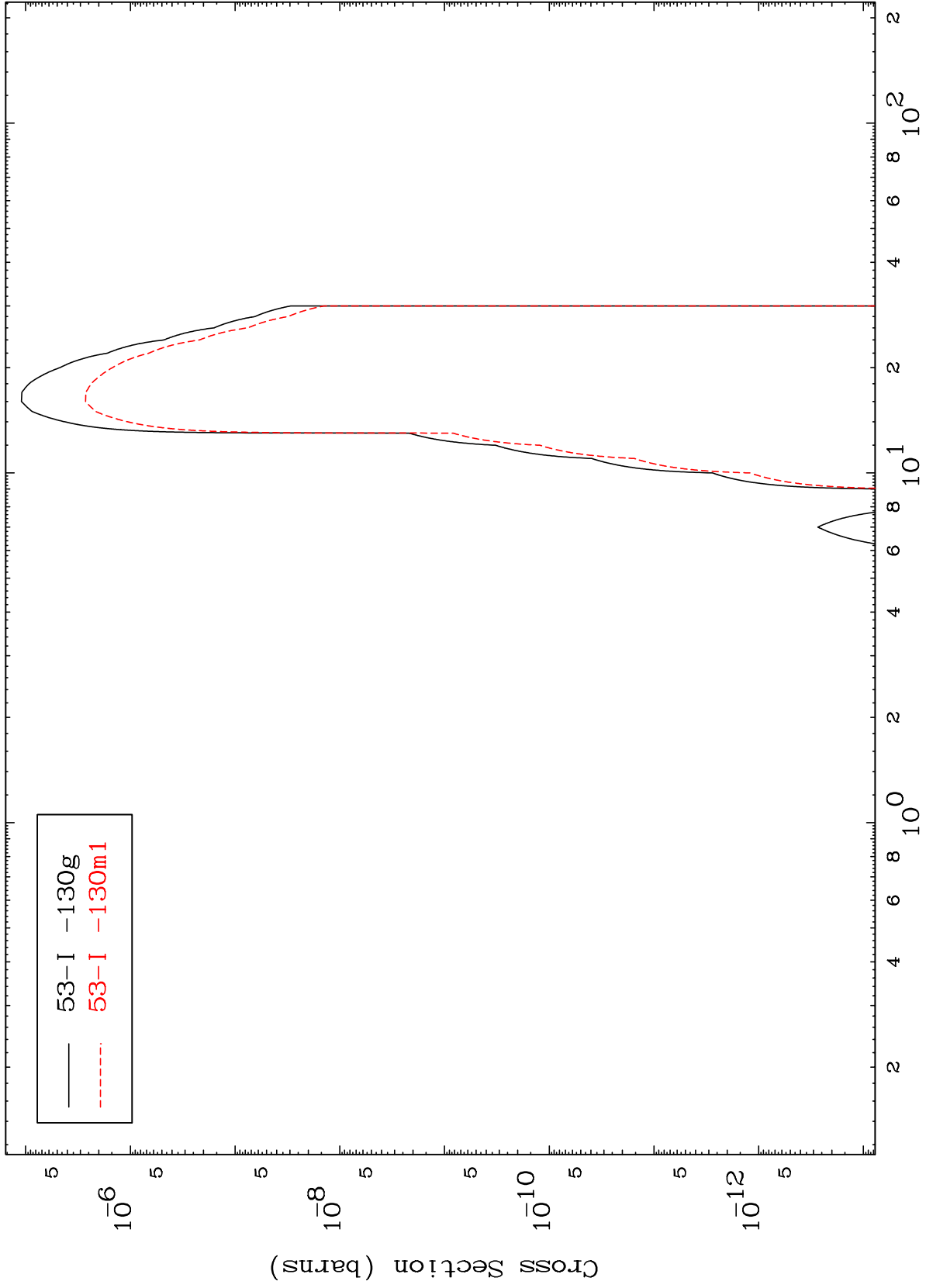
Incident Energy (MeV)

51-Sb-126m

MAT 5141

51-Sb-126m

(n,γ)  
Radionuclide Production Cross Section



15

51-Sb-126m

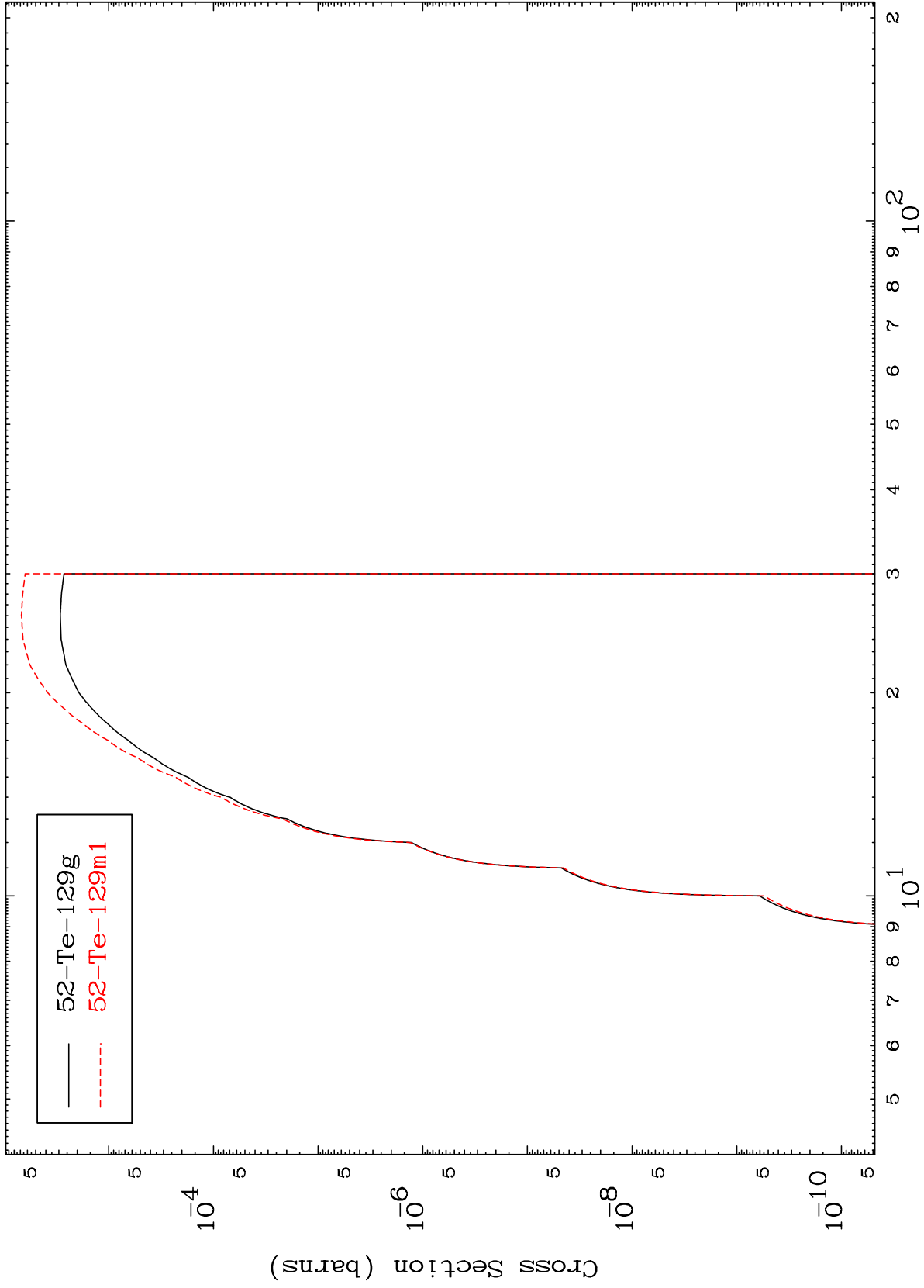
Incident Energy (MeV)



MAT 5141

51-Sb-126m

(n,p)  
Radionuclide Production Cross Section



16

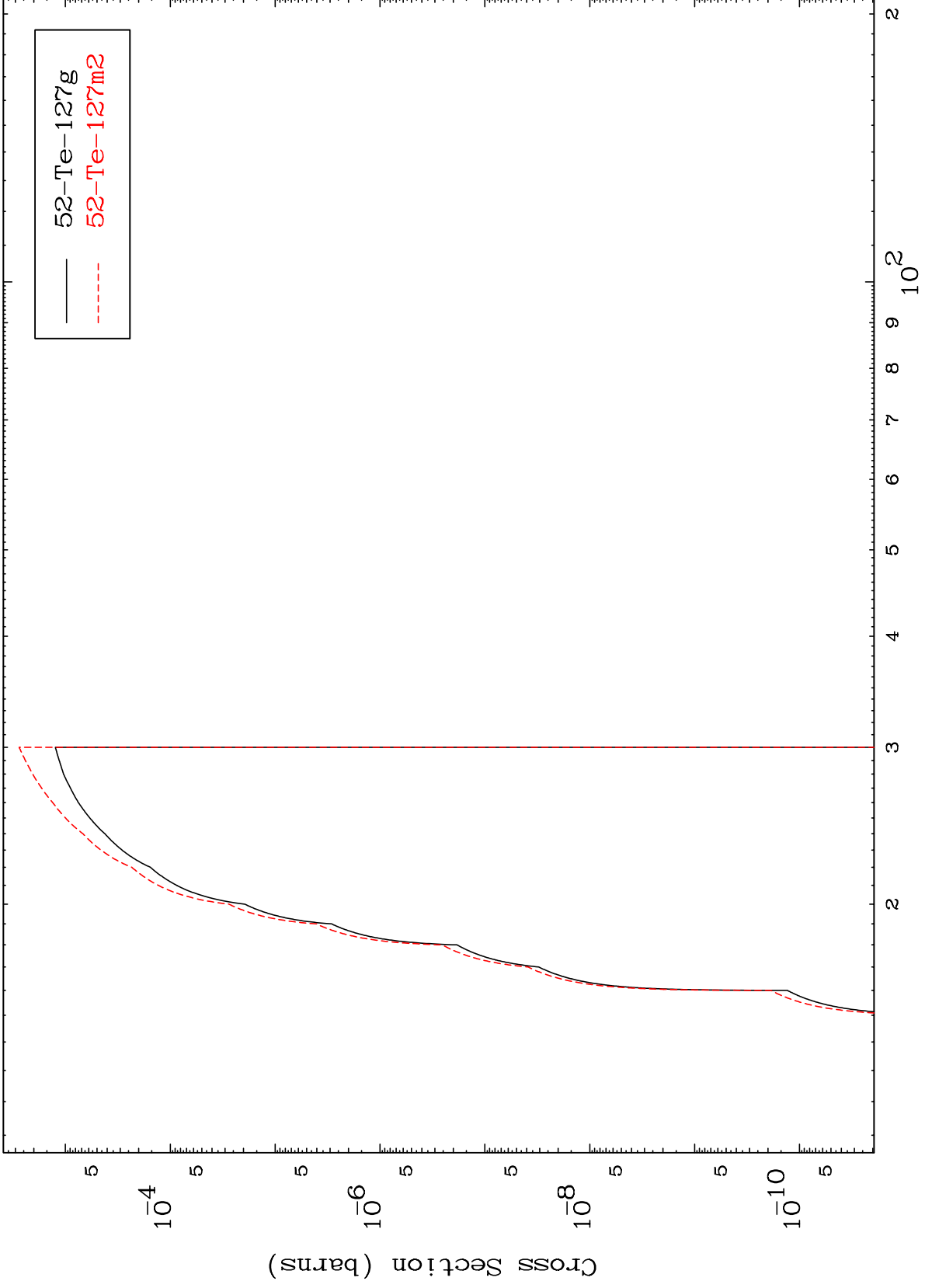
Incident Energy (MeV)

51-Sb-126m

MAT 5141

51-Sb-126m

(n,t)  
Radionuclide Production Cross Section



17

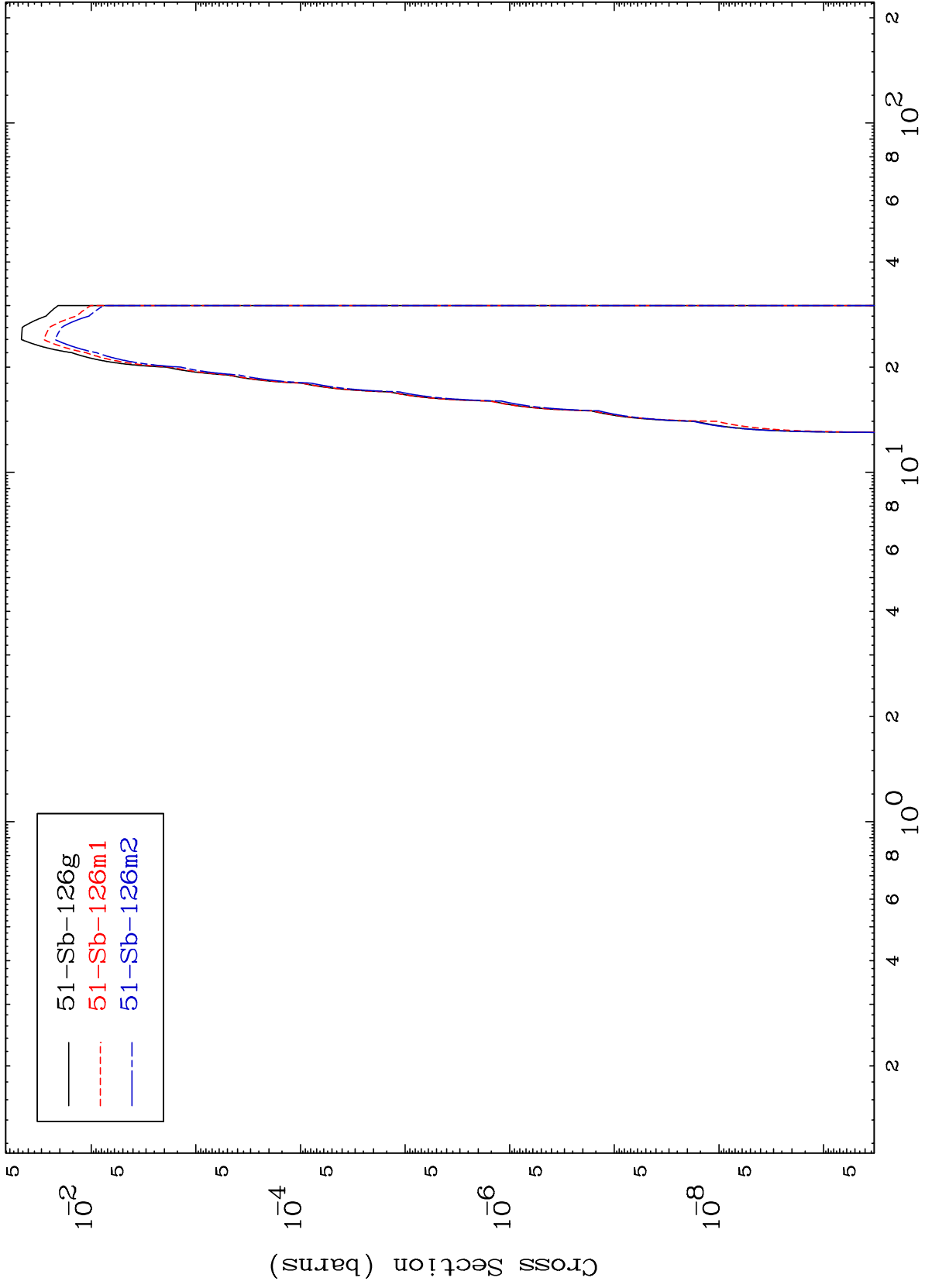
Incident Energy (MeV)

51-Sb-126m

MAT 5141

51-Sb-126m

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



18

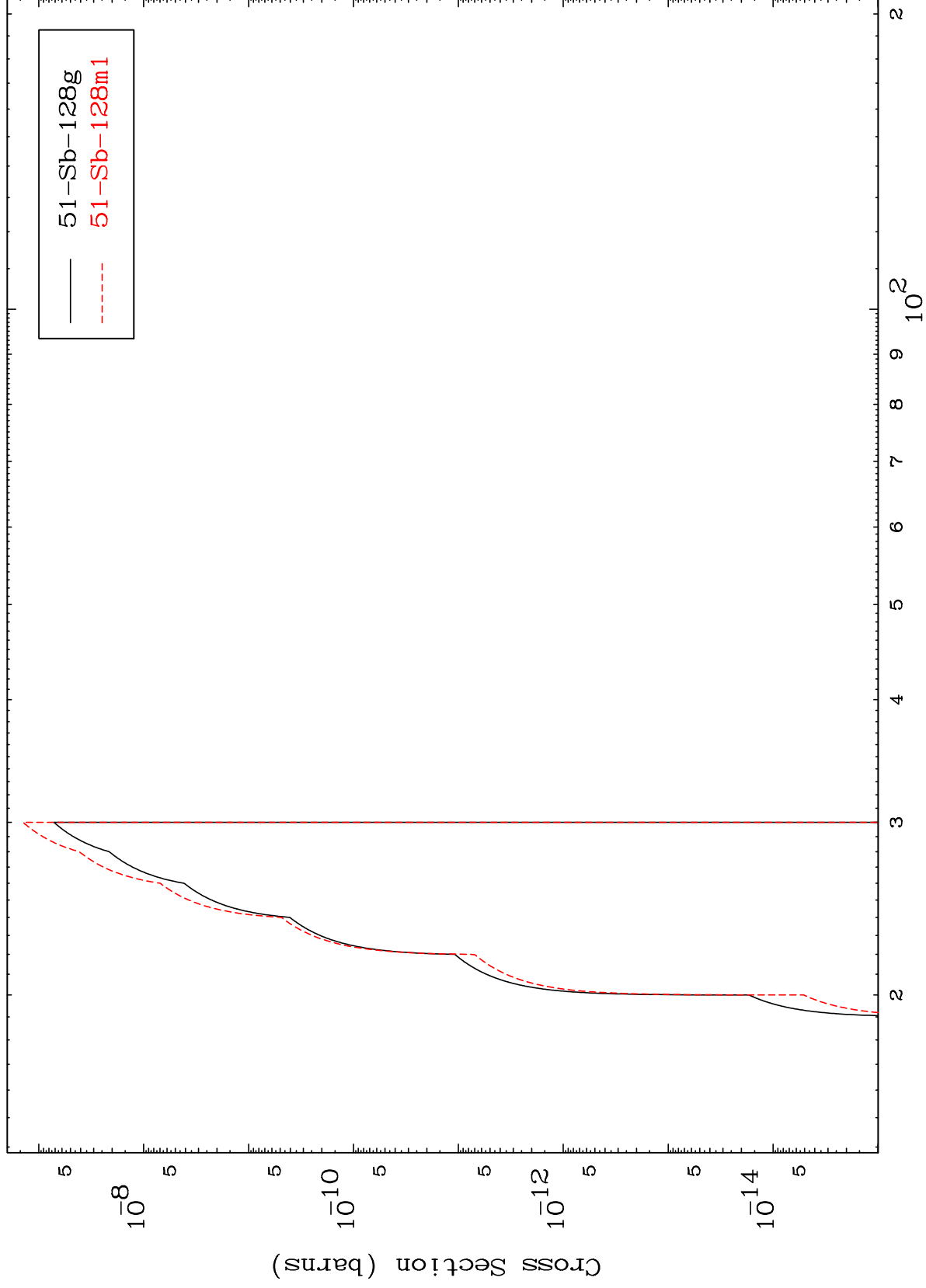
51-Sb-126m

Incident Energy (MeV)

MAT 5141

51-Sb-126m

(n,2p)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

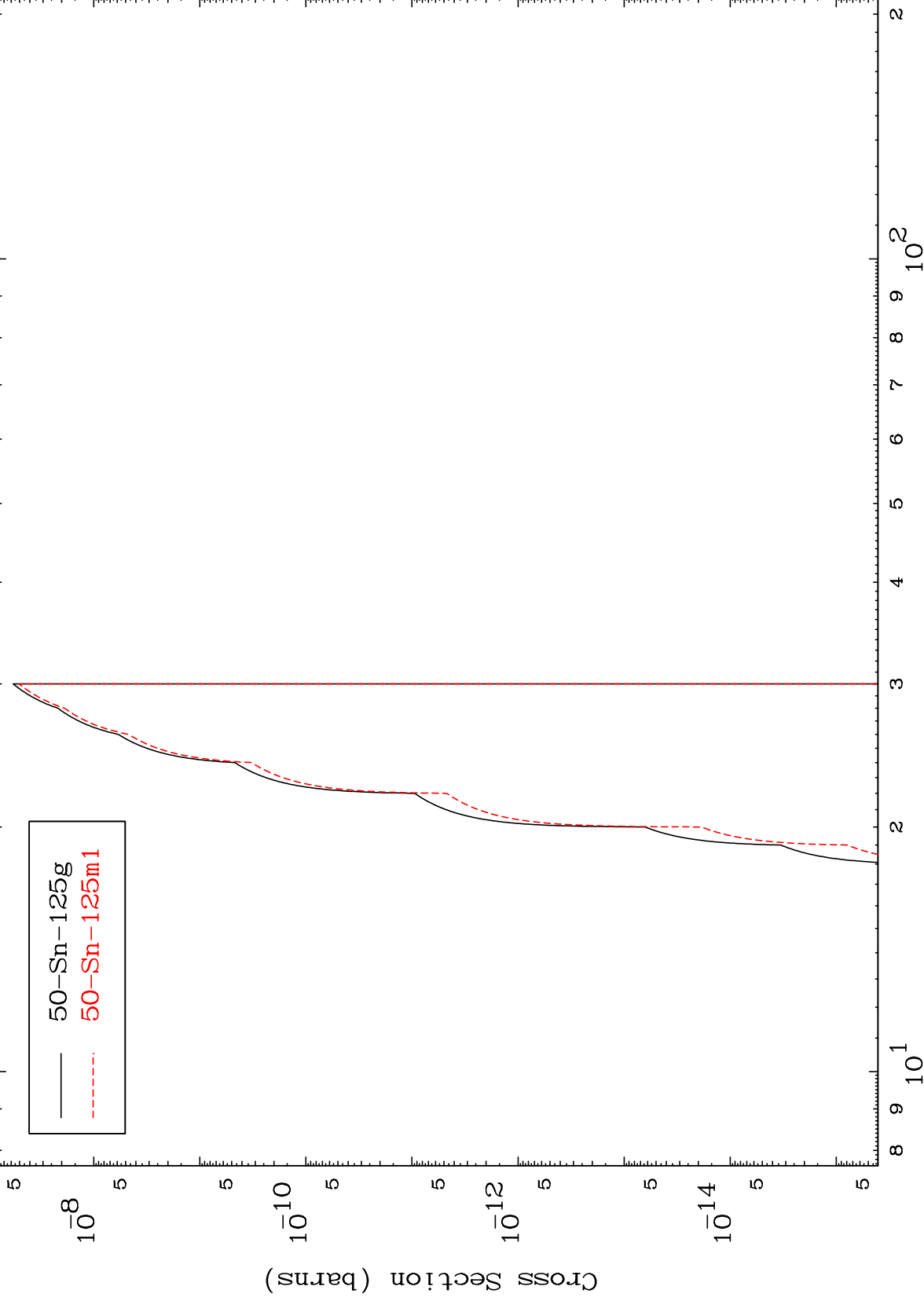
51-Sb-126m

MAT 5141

(n,p)  $\alpha$

51-Sb-126m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

51-Sb-126m