

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

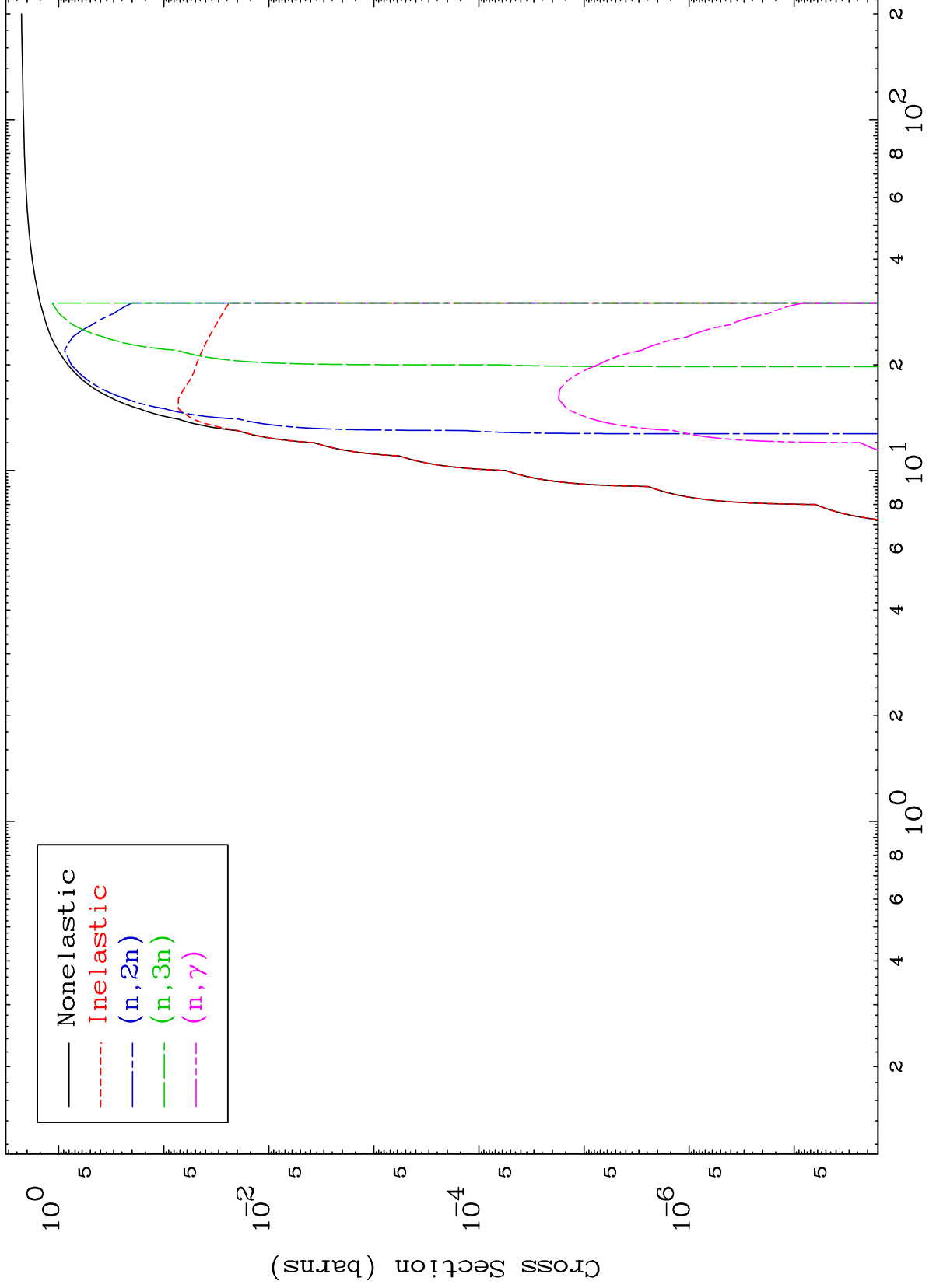
Press Mouse Button to Start

MAT 5142

0 Kelvin

$\alpha$  Major Cross Sections

51-Sb-126n

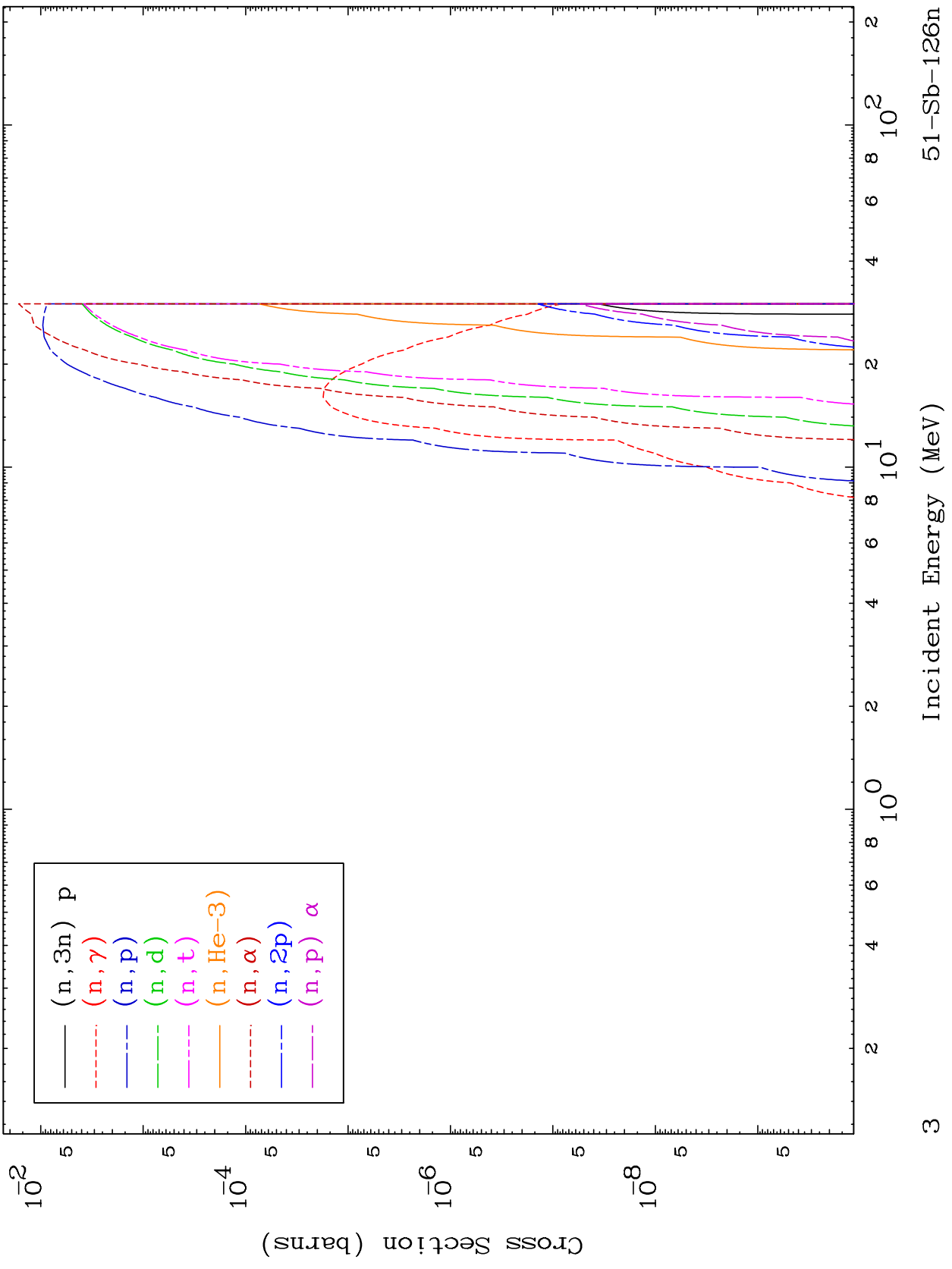


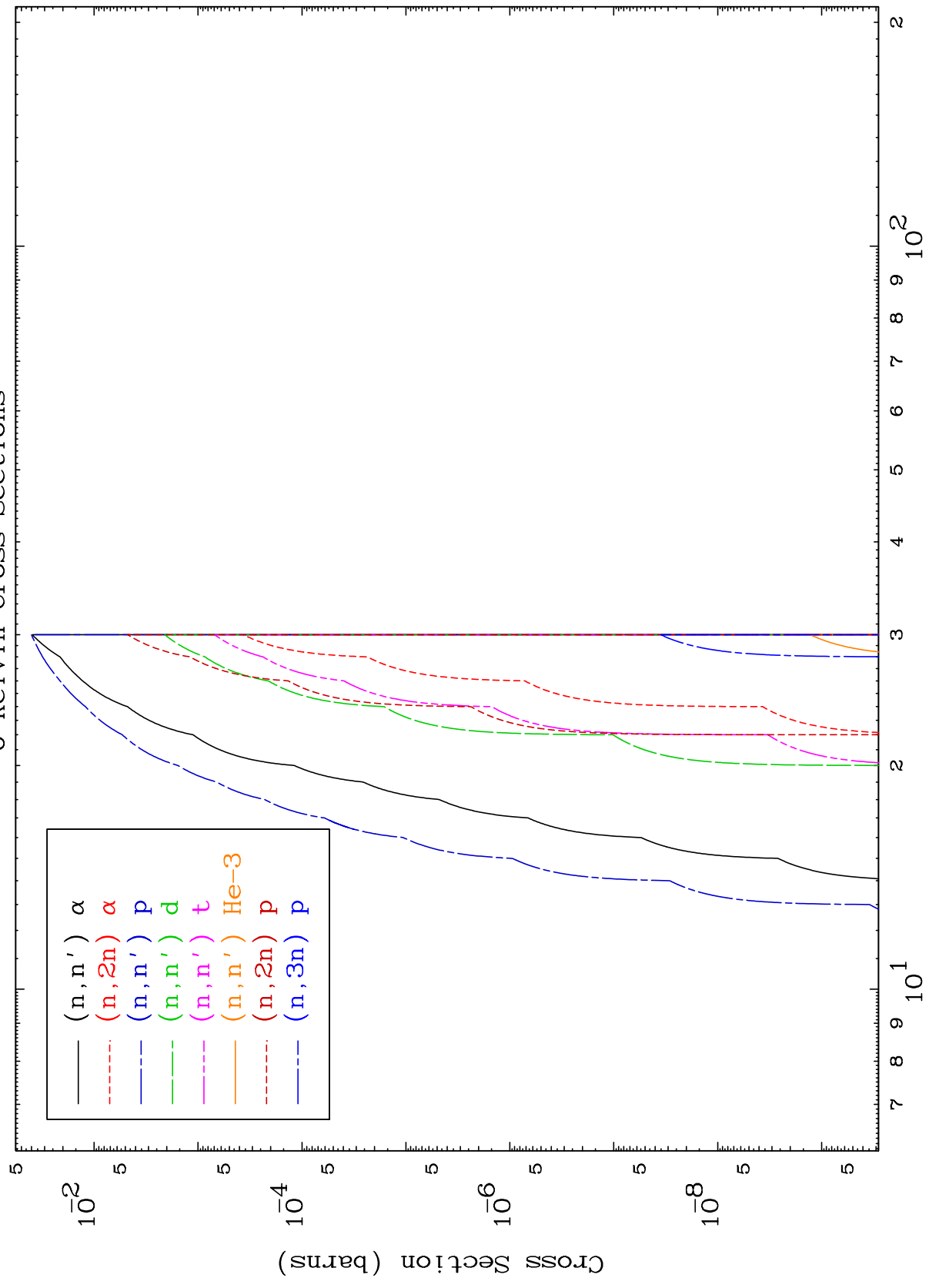


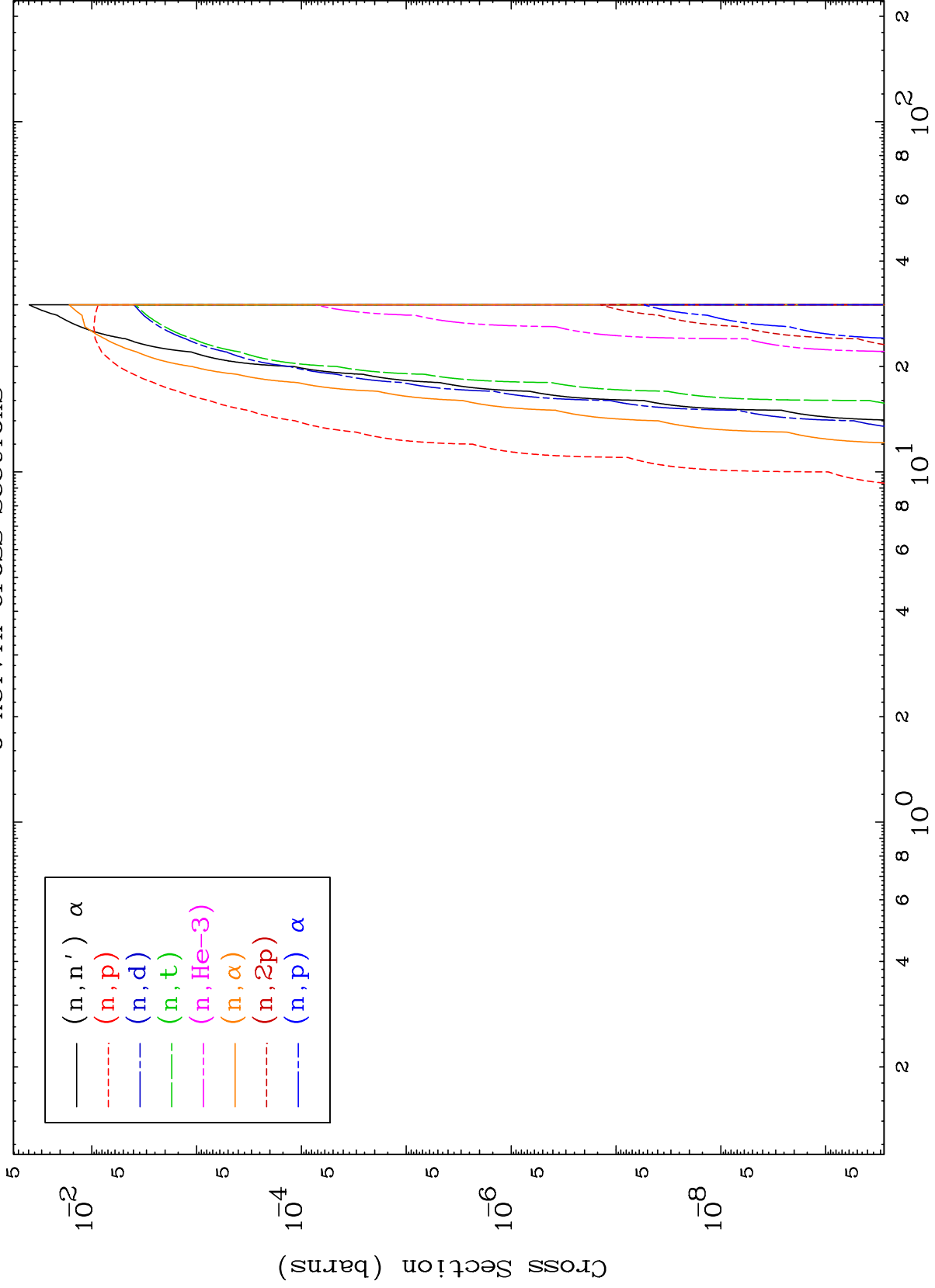
MAT 5142

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

51-Sb-126n





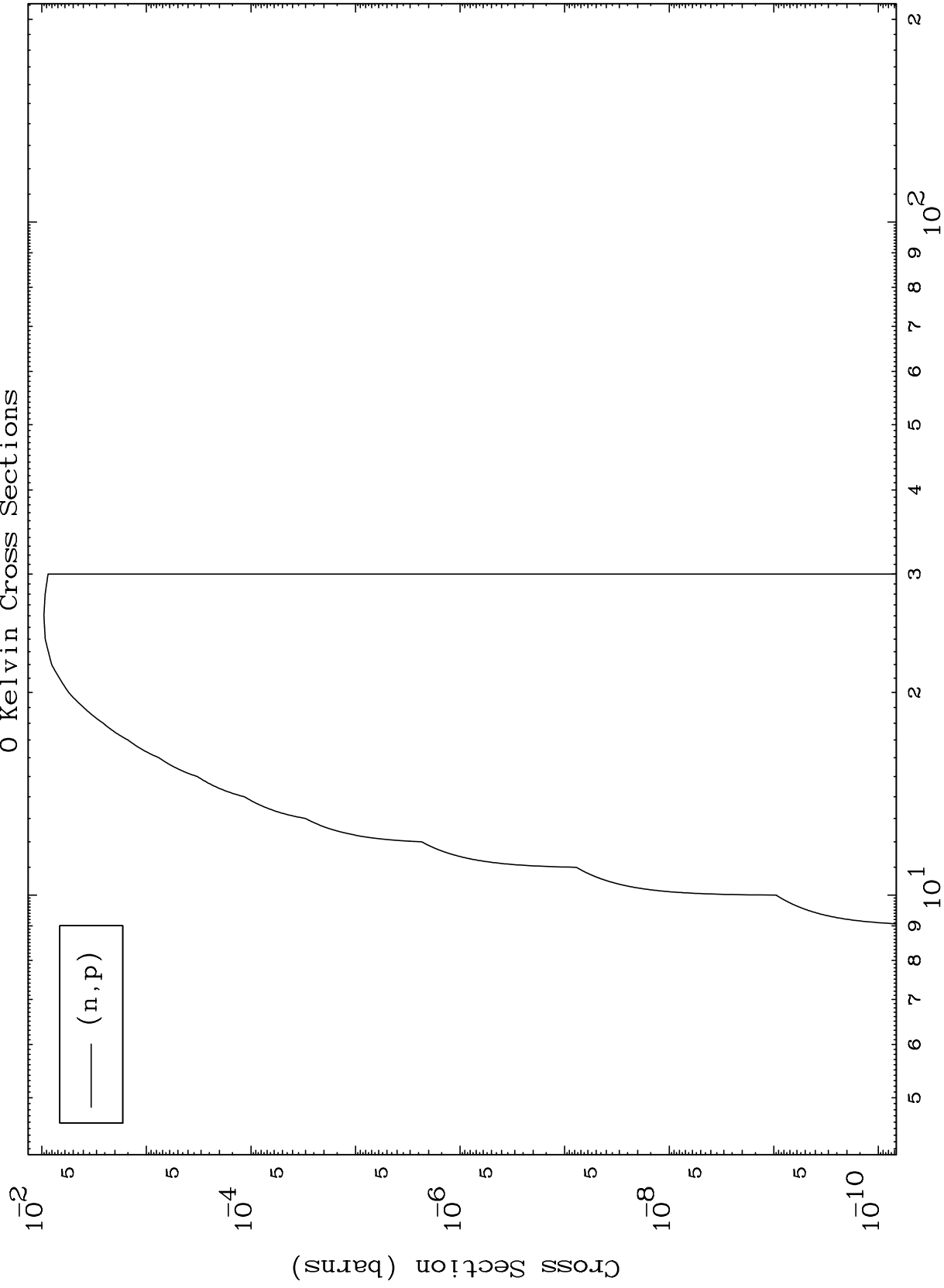


MAT 5142

( $\alpha, p$ ) Levels

51-Sb-126n

0 Kelvin Cross Sections



6

Incident Energy (MeV)

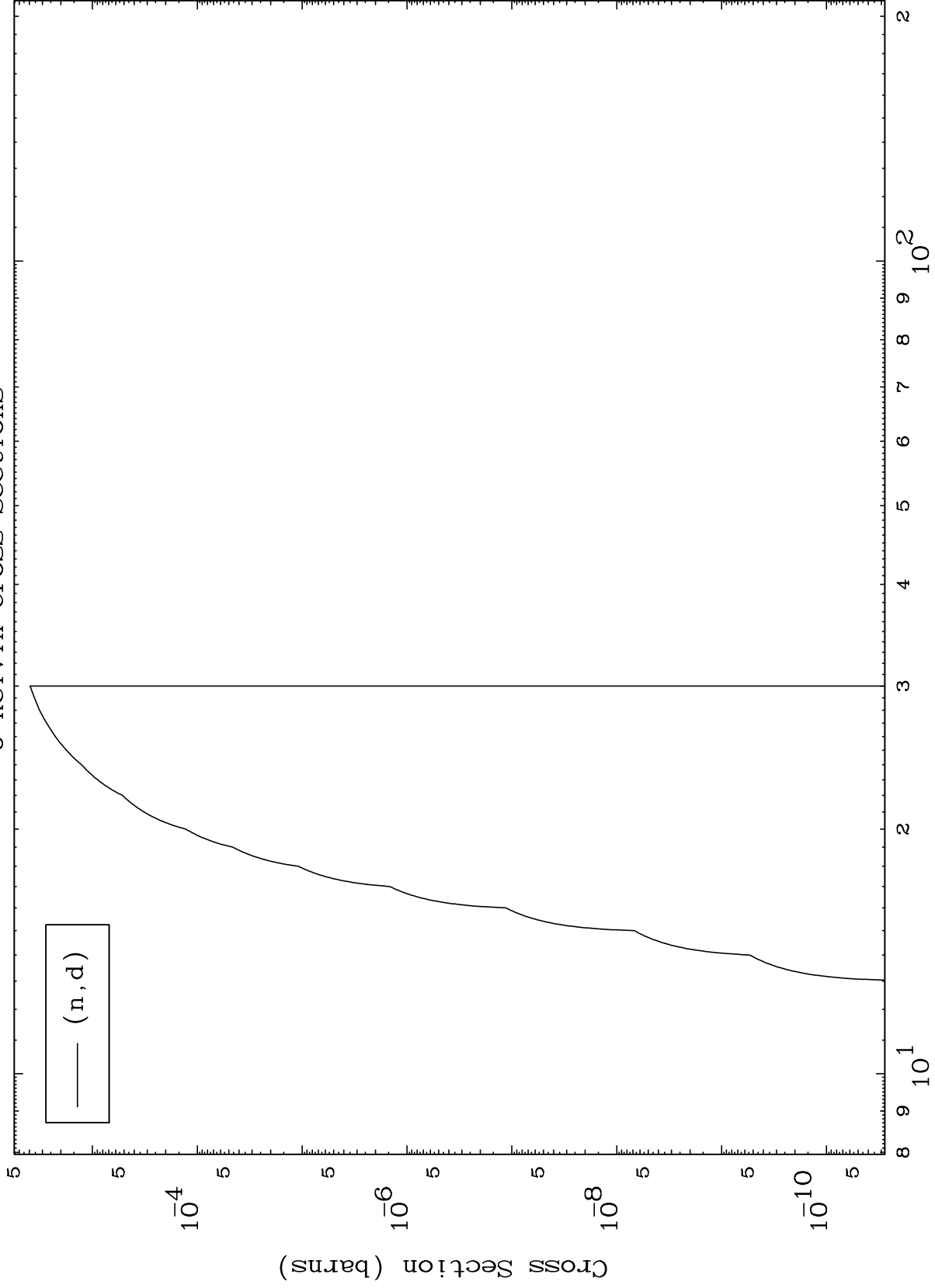
51-Sb-126n

MAT 5142

( $\alpha, d$ ) Levels

51-Sb-126n

0 Kelvin Cross Sections

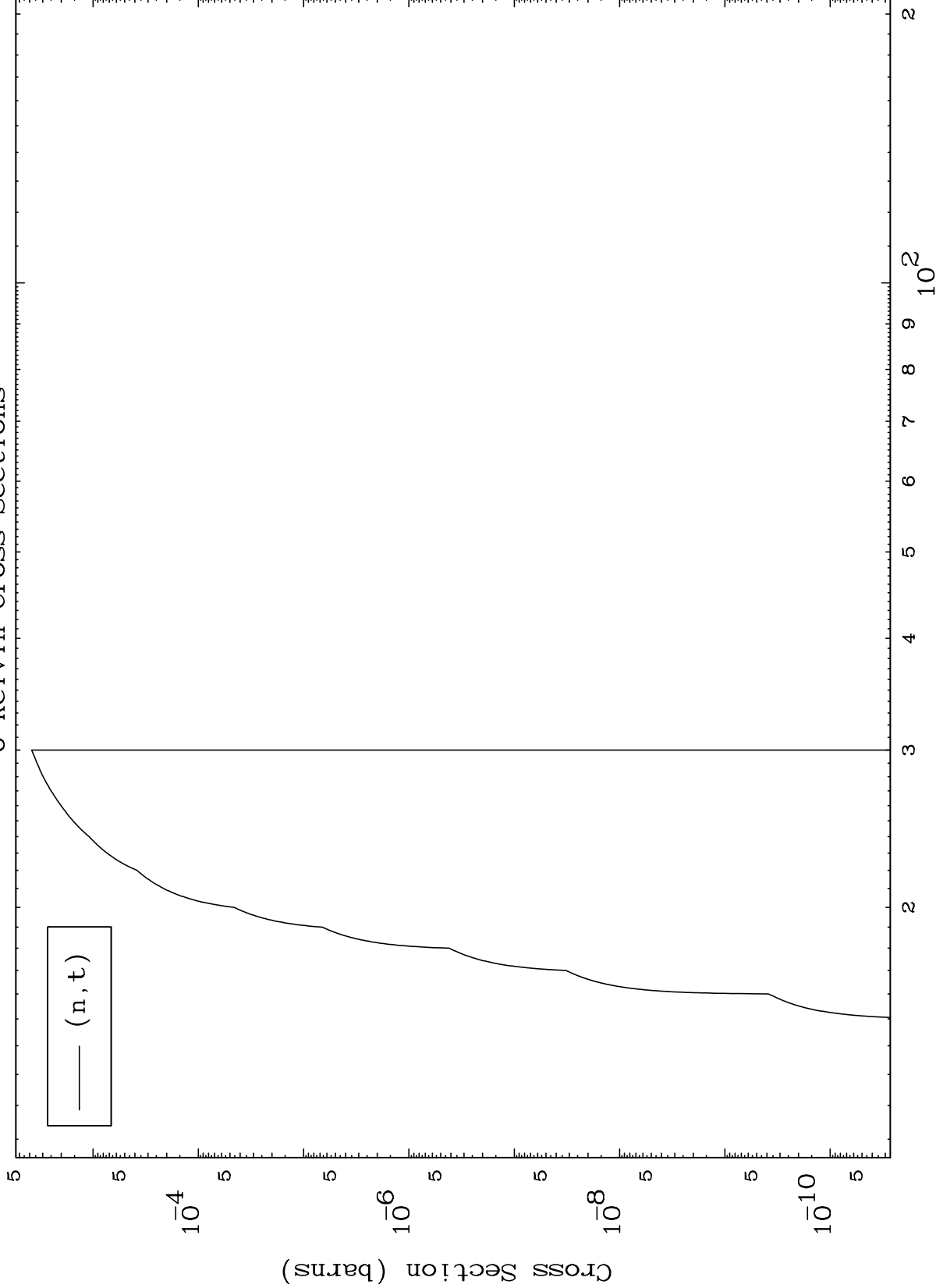


Incident Energy (MeV)

51-Sb-126n

7

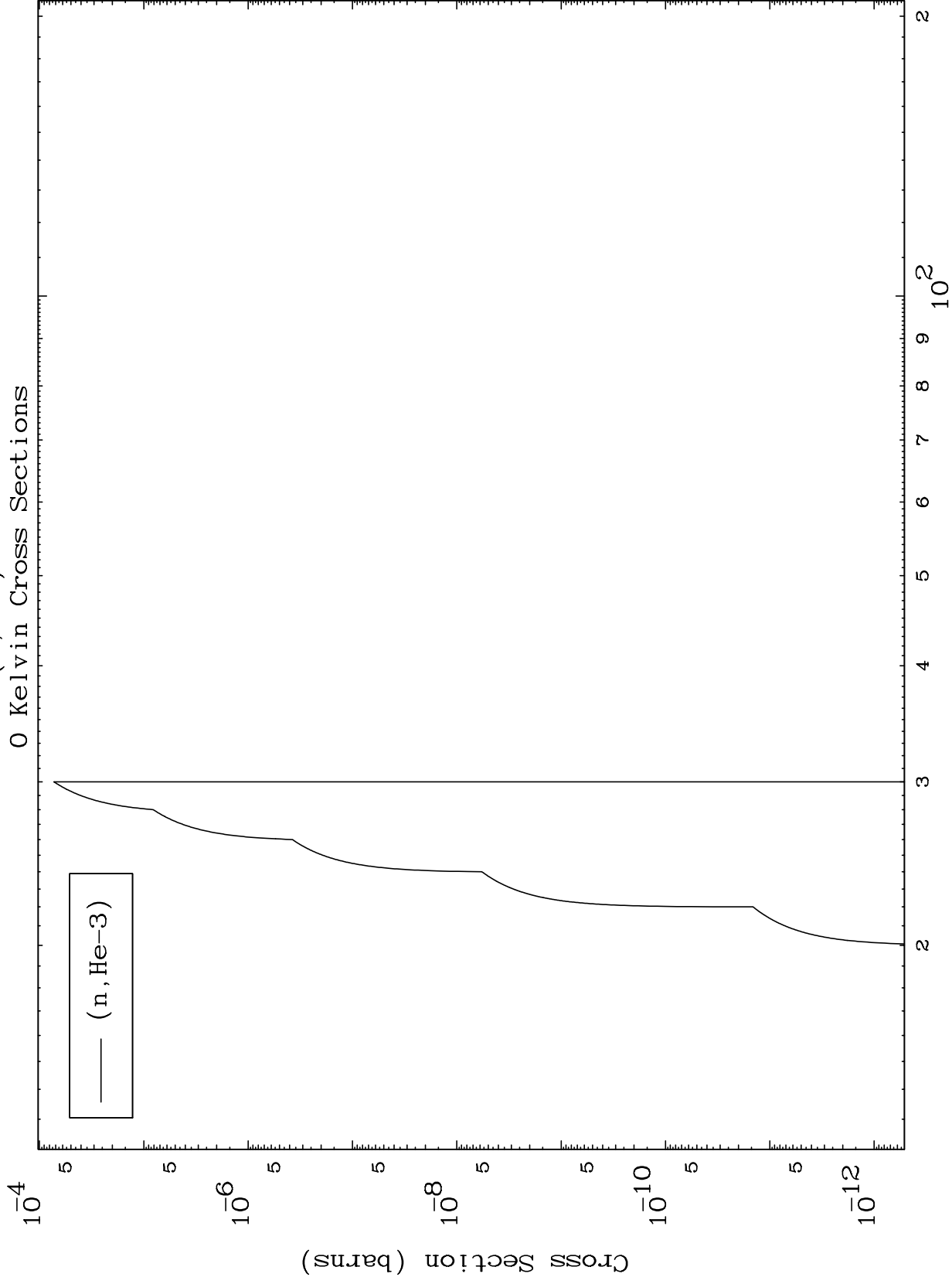
0 Kelvin Cross Sections



MAT 5142

51-Sb-126n

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



51-Sb-126n

Incident Energy (MeV)

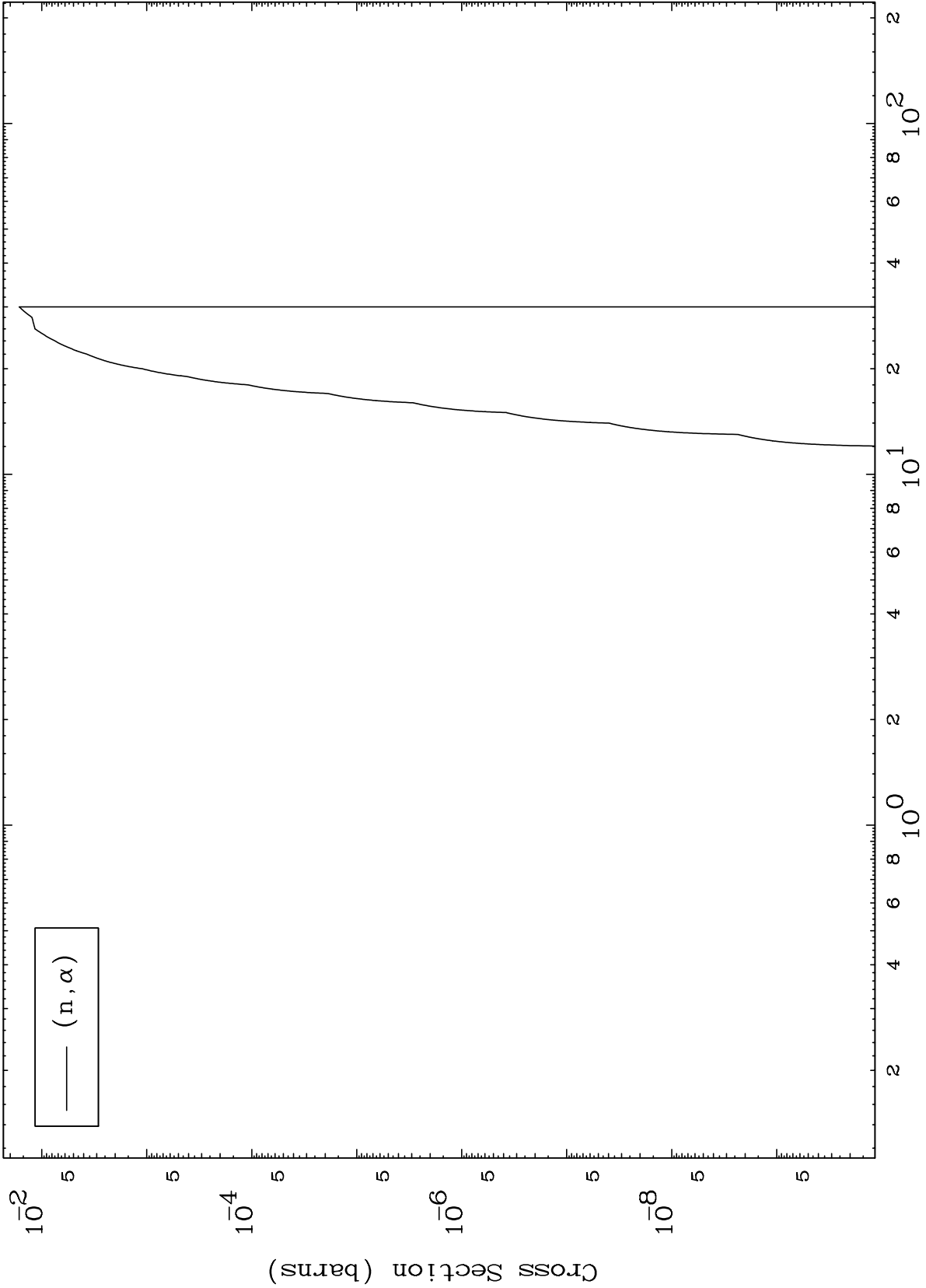
9

MAT 5142

( $\alpha, \alpha$ ) Levels

51-Sb-126n

0 Kelvin Cross Sections



10

Incident Energy (MeV)

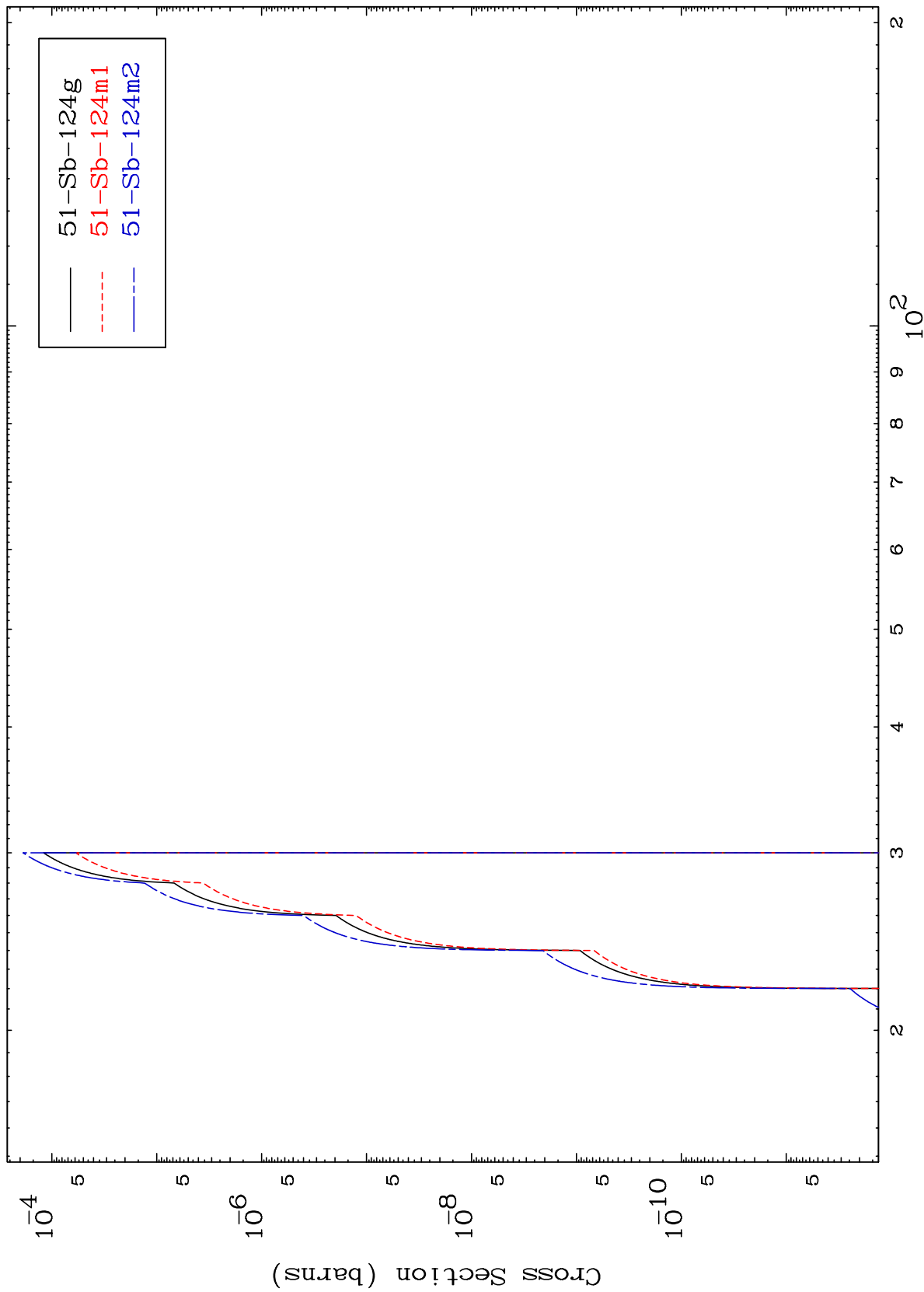
51-Sb-126n

MAT 5142

(n,2n)  $\alpha$

51-Sb-126n

Radionuclide Production Cross Section



11

Incident Energy (MeV)

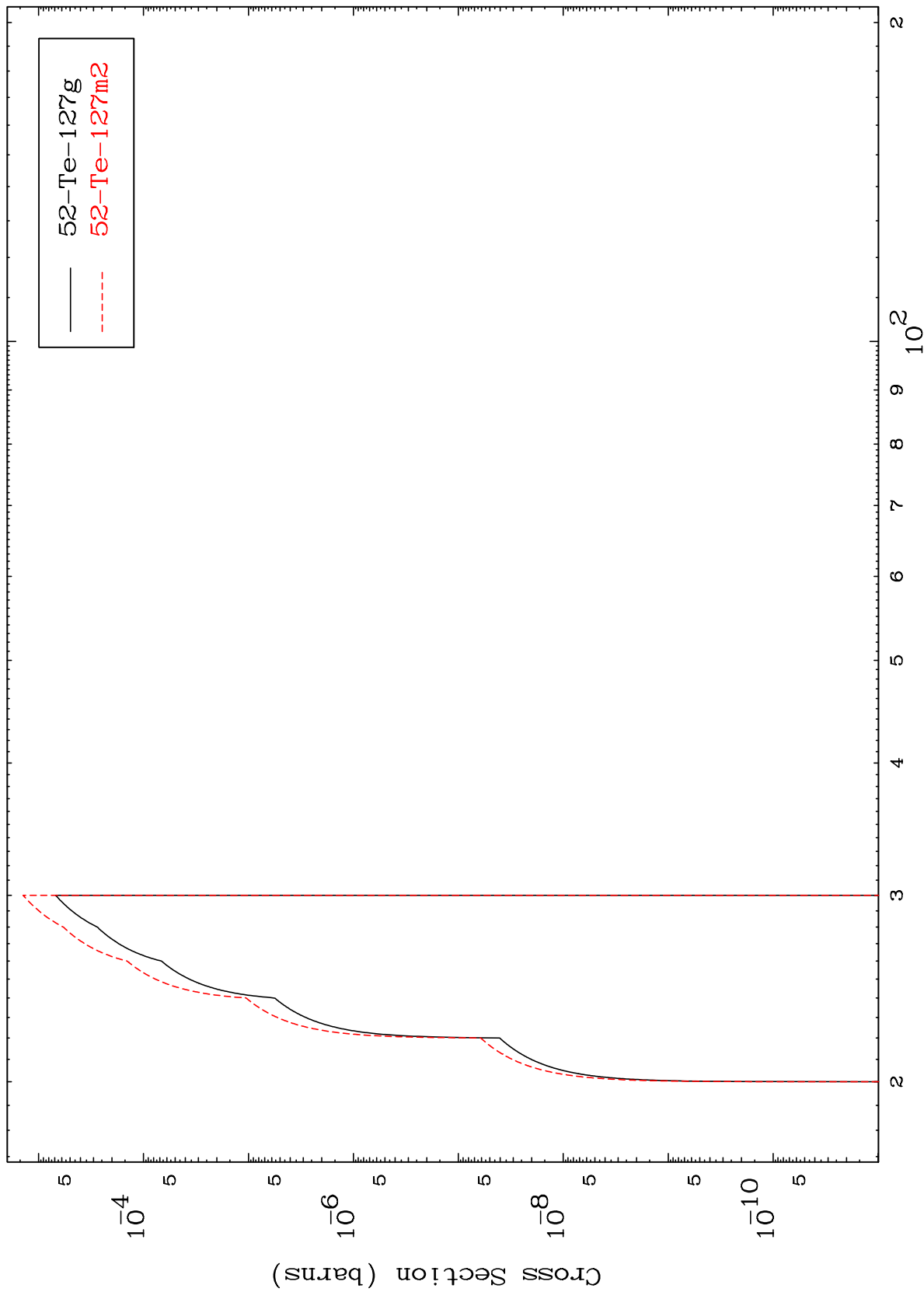
51-Sb-126n

MAT 5142

(n,n') d

51-Sb-126n

Radionuclide Production Cross Section



12

Incident Energy (MeV)

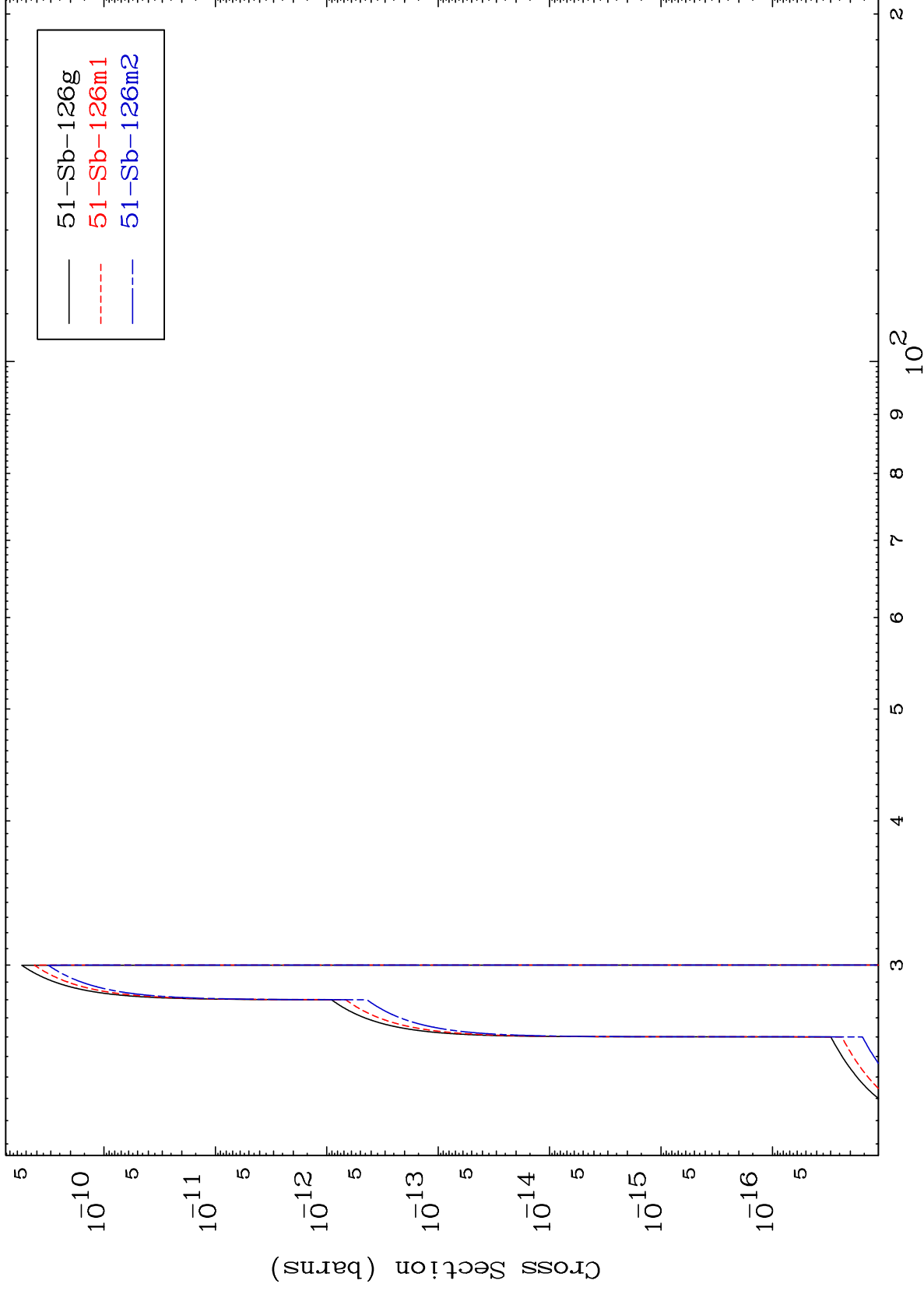
51-Sb-126n

MAT 5142

(n,n') He-3

51-Sb-126n

Radionuclide Production Cross Section



13

Incident Energy (MeV)

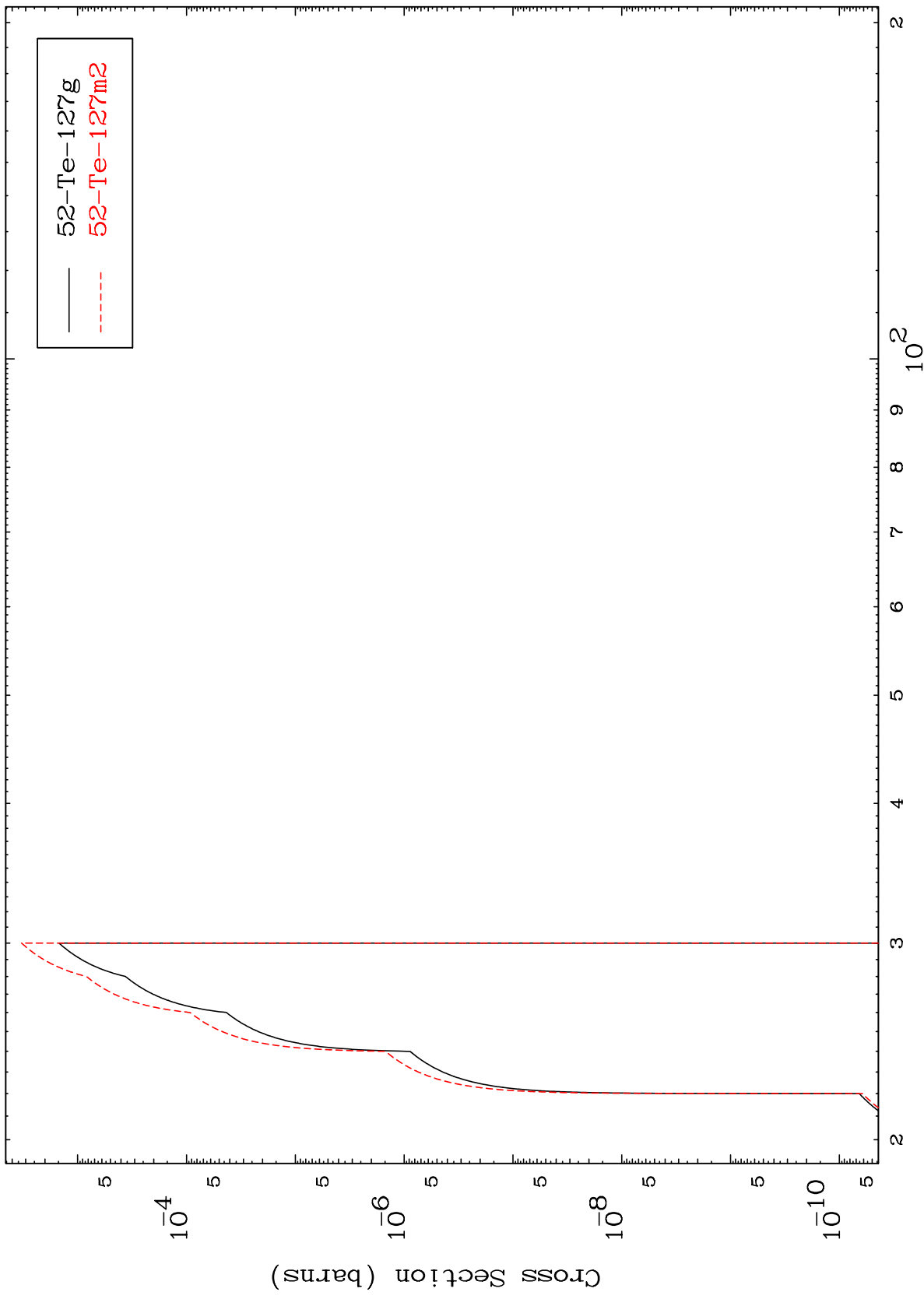
51-Sb-126n

MAT 5142

(n,2n) p

51-Sb-126n

Radionuclide Production Cross Section



14

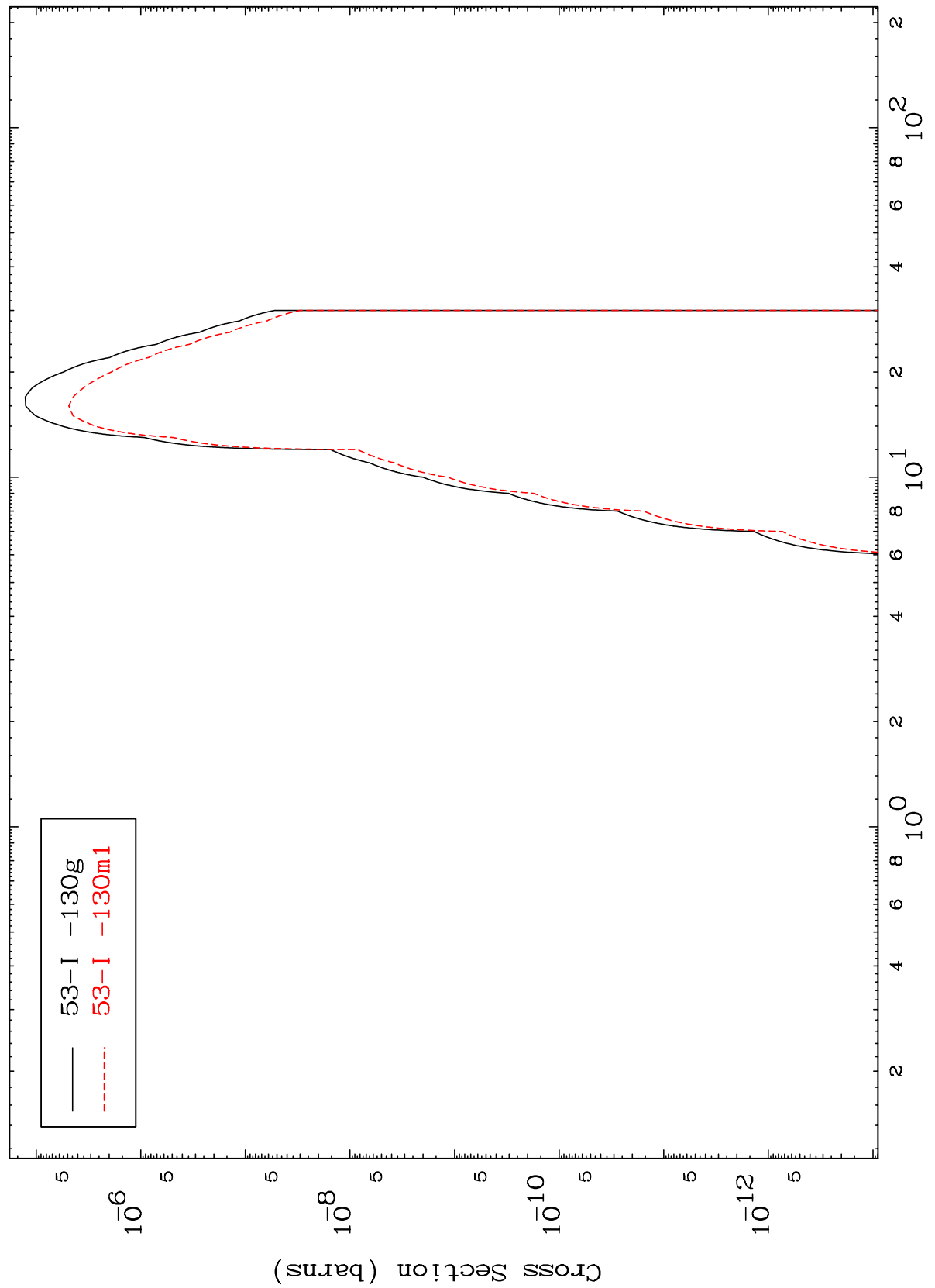
Incident Energy (MeV)

51-Sb-126n

MAT 5142

51-Sb-126n

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



51-Sb-126n

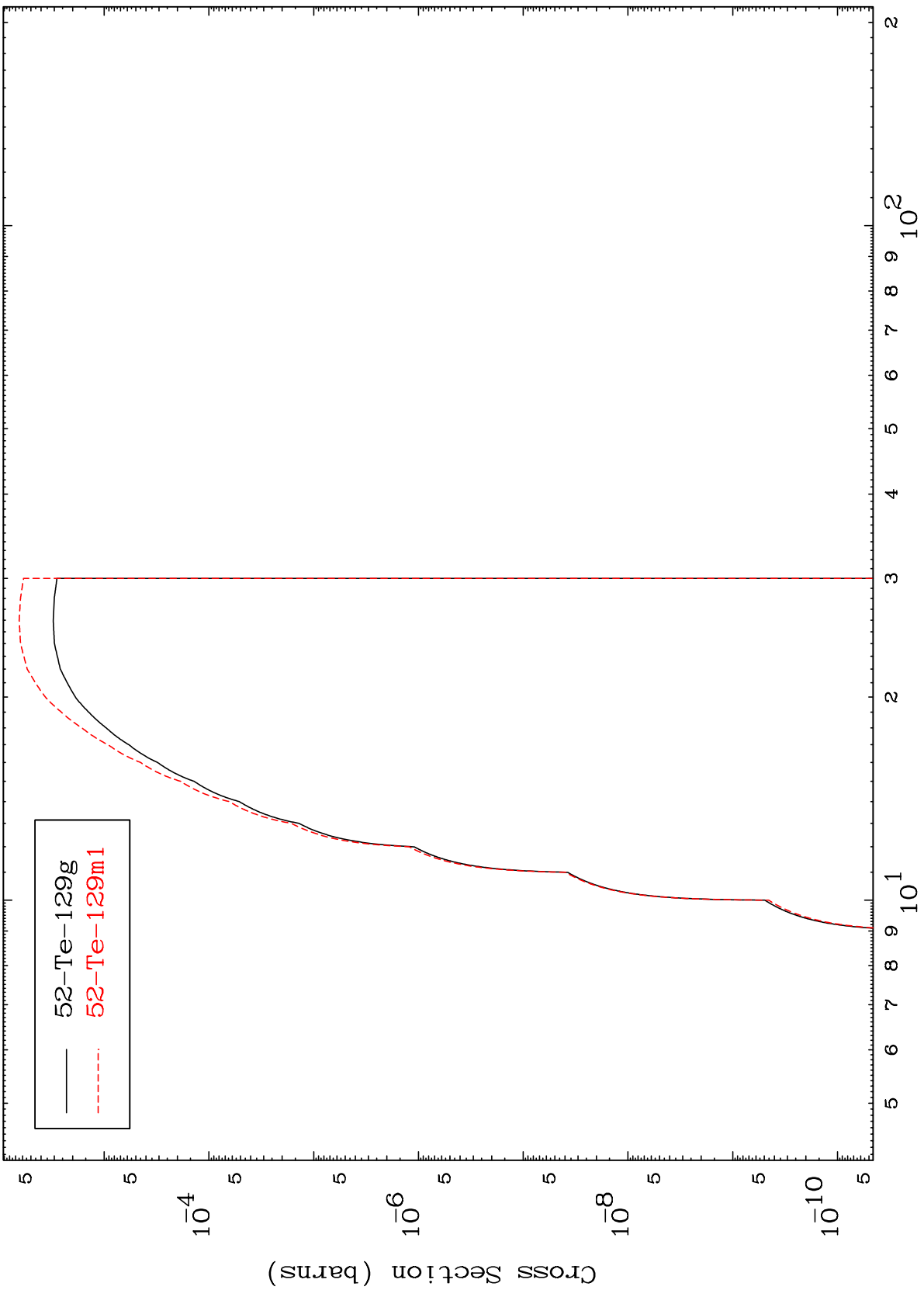
Incident Energy (MeV)

15

MAT 5142

51-Sb-126n

Radionuclide Production Cross Section (n,p)



52-Te-129g  
52-Te-129m1

16

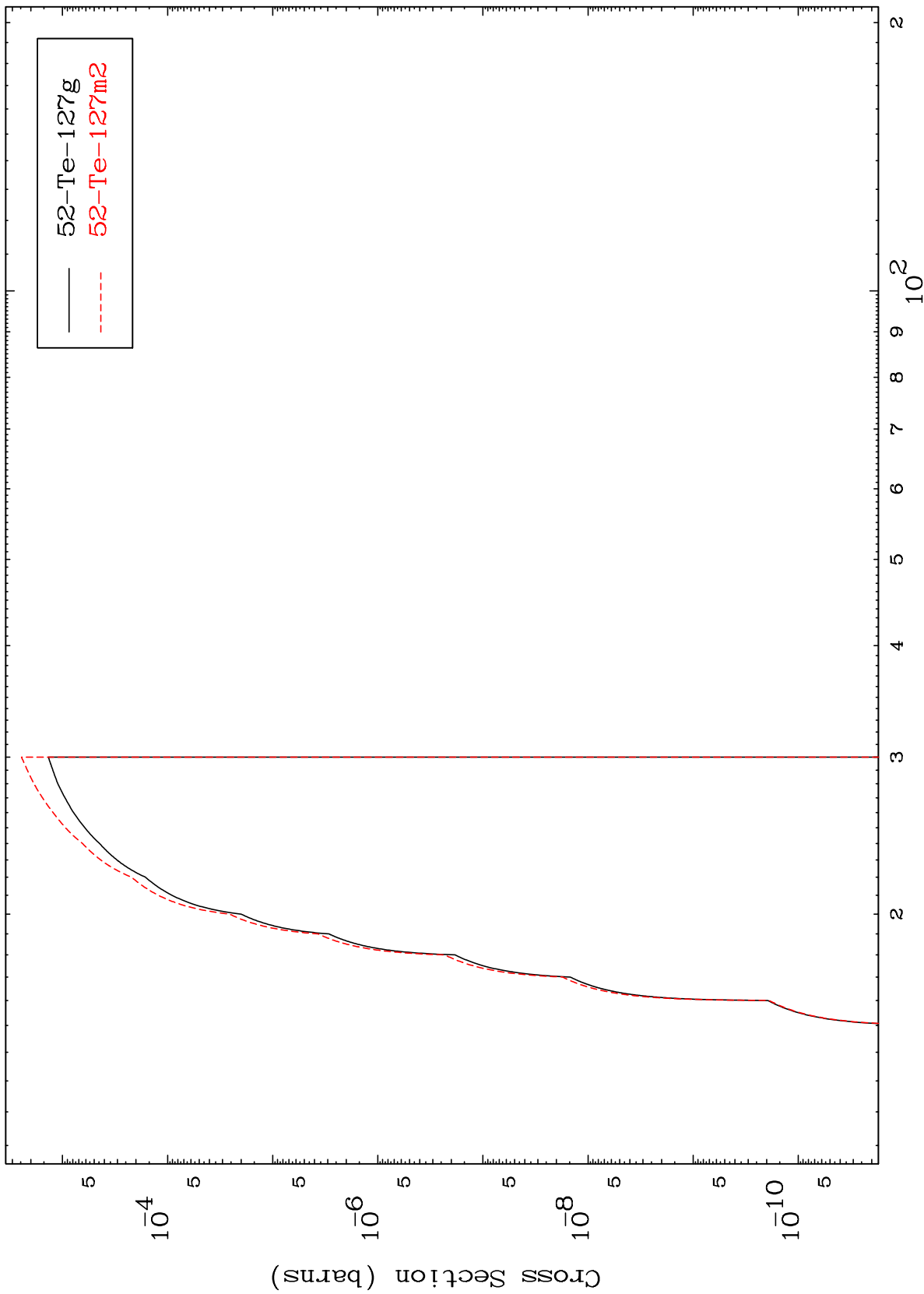
Incident Energy (MeV)

51-Sb-126n

MAT 5142

51-Sb-126n

(n,t)  
Radionuclide Production Cross Section



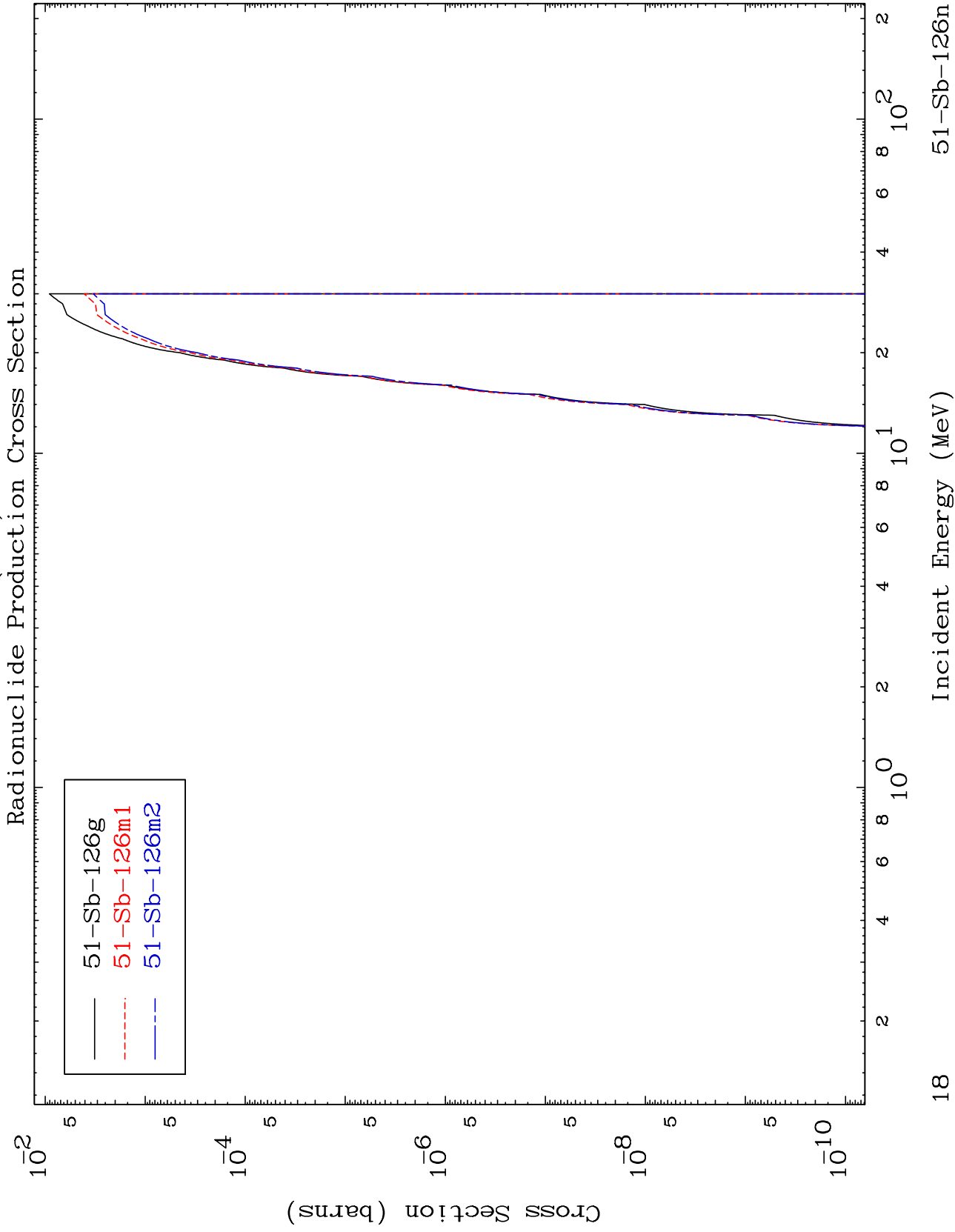
17

Incident Energy (MeV)

51-Sb-126n

MAT 5142

51-Sb-126n

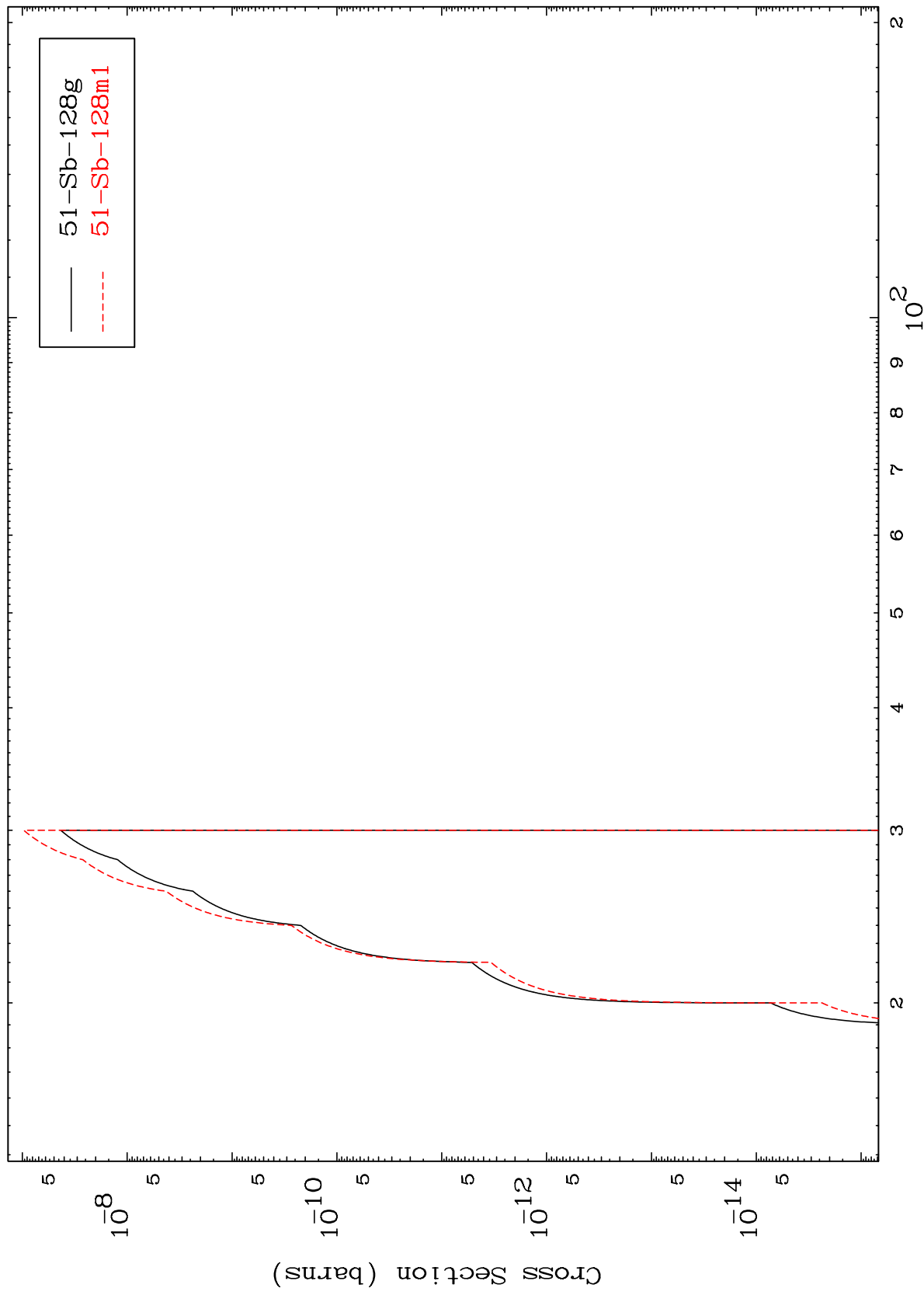


51-Sb-126g  
51-Sb-126m1  
51-Sb-126m2

MAT 5142

51-Sb-126n

(n,2p)  
Radionuclide Production Cross Section



19

51-Sb-126n

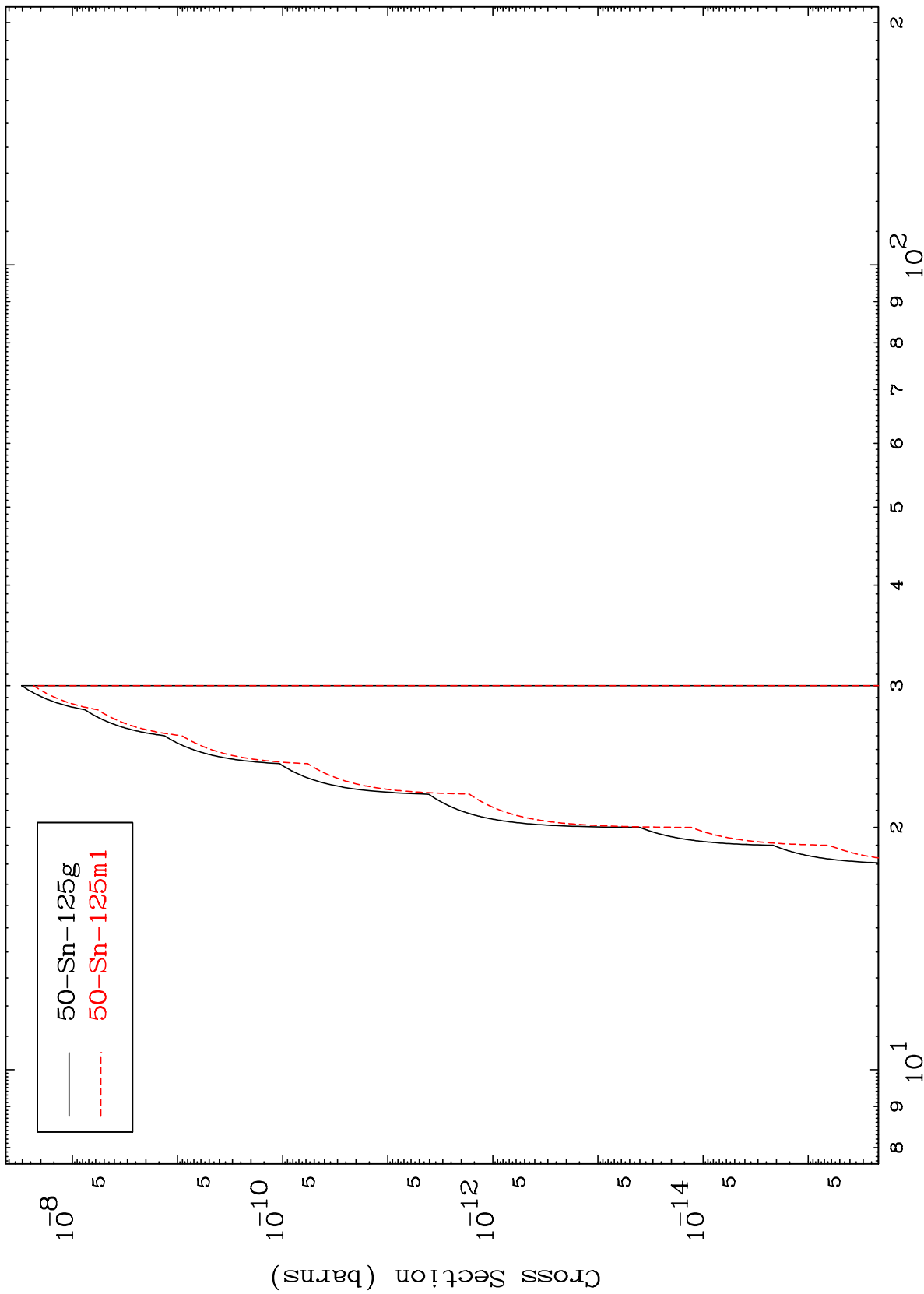
Incident Energy (MeV)

MAT 5142

(n,p)  $\alpha$

51-Sb-126n

Radionuclide Production Cross Section



— 50-Sn-125g  
- - - 50-Sn-125m1

Incident Energy (MeV)

51-Sb-126n

20