

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

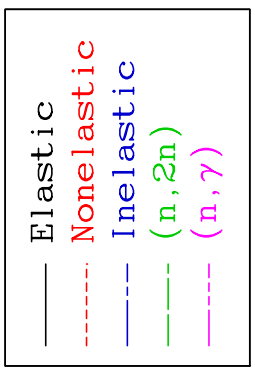
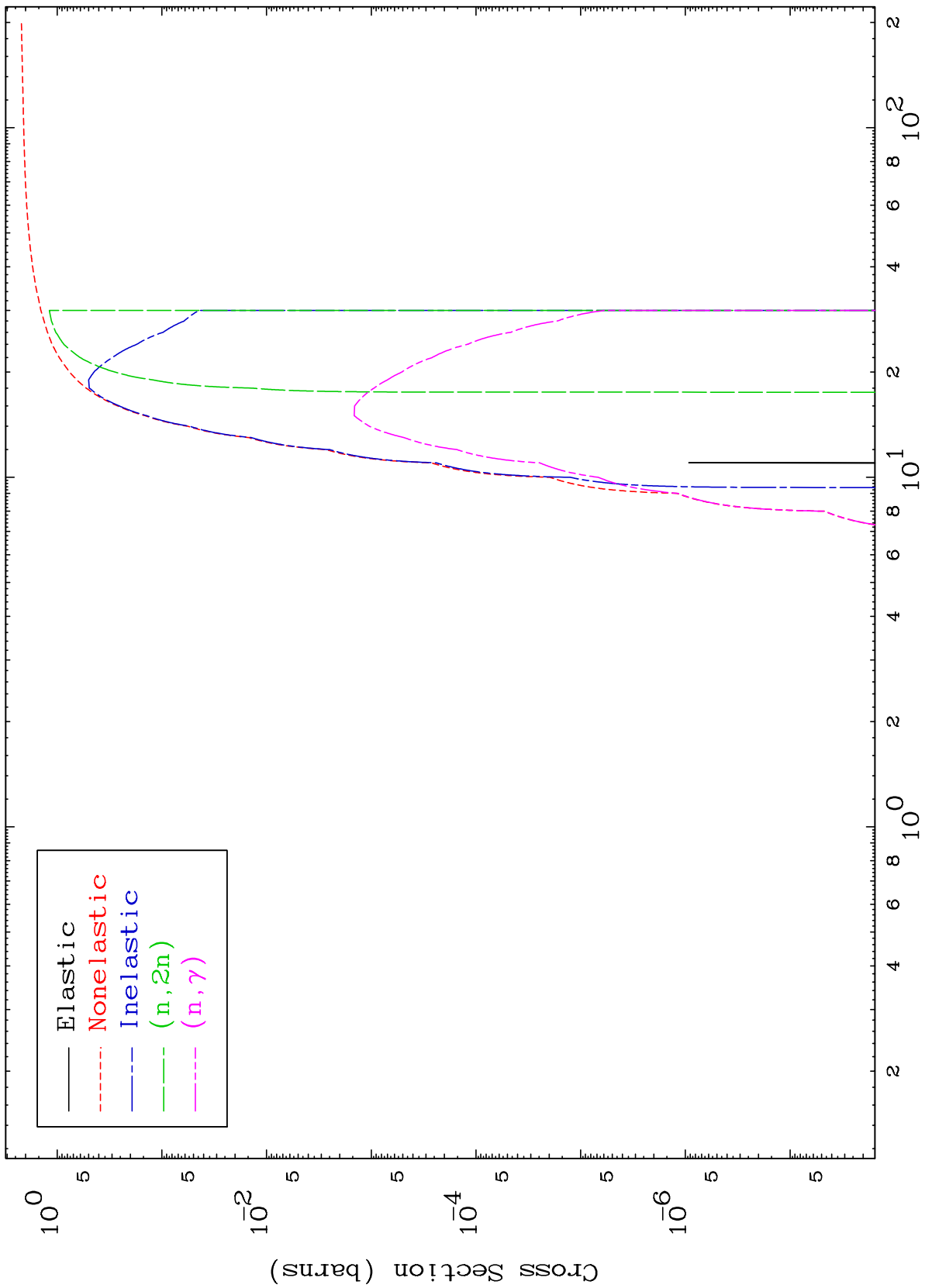
Press Mouse Button to Start

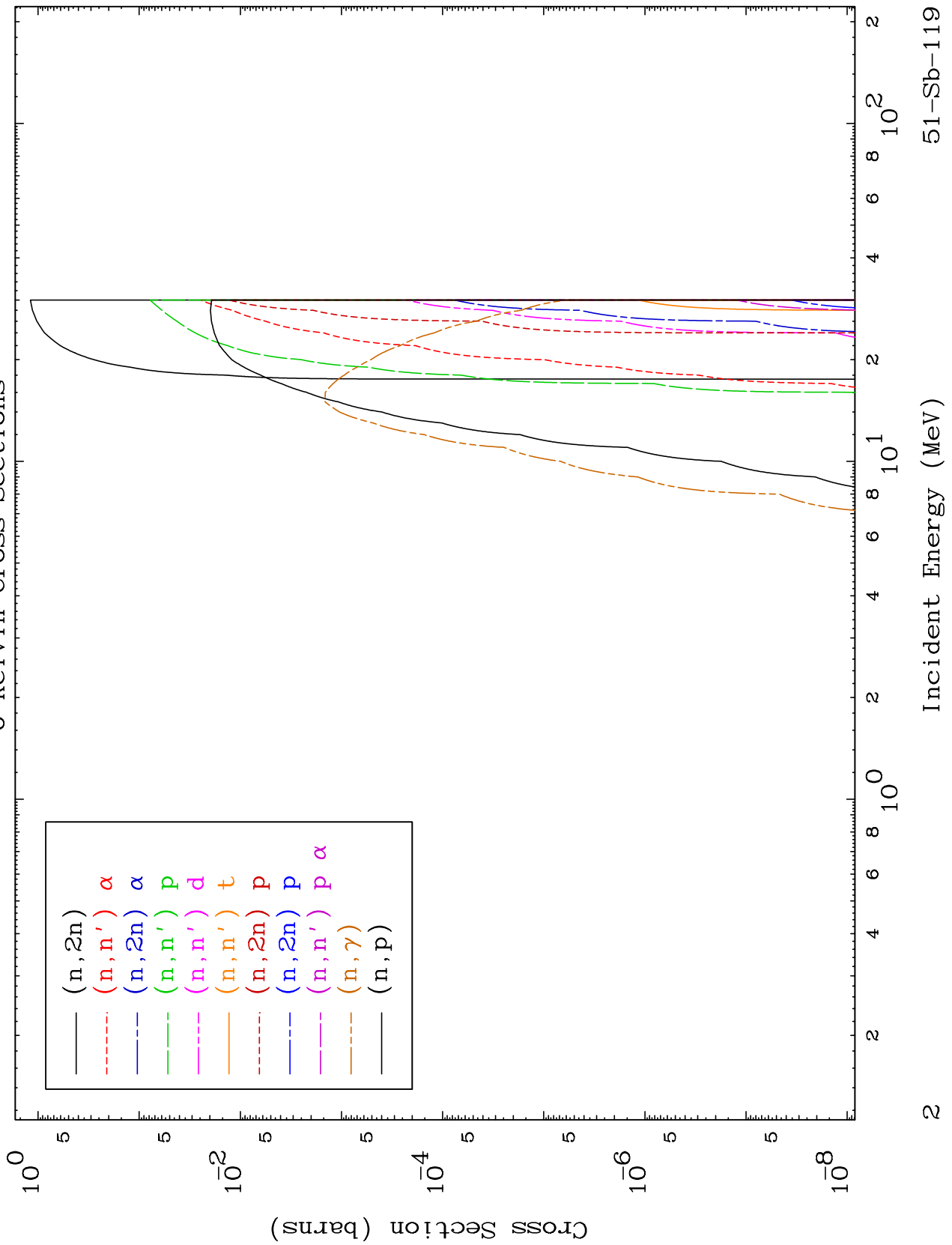
MAT 5119

$\alpha$  Major

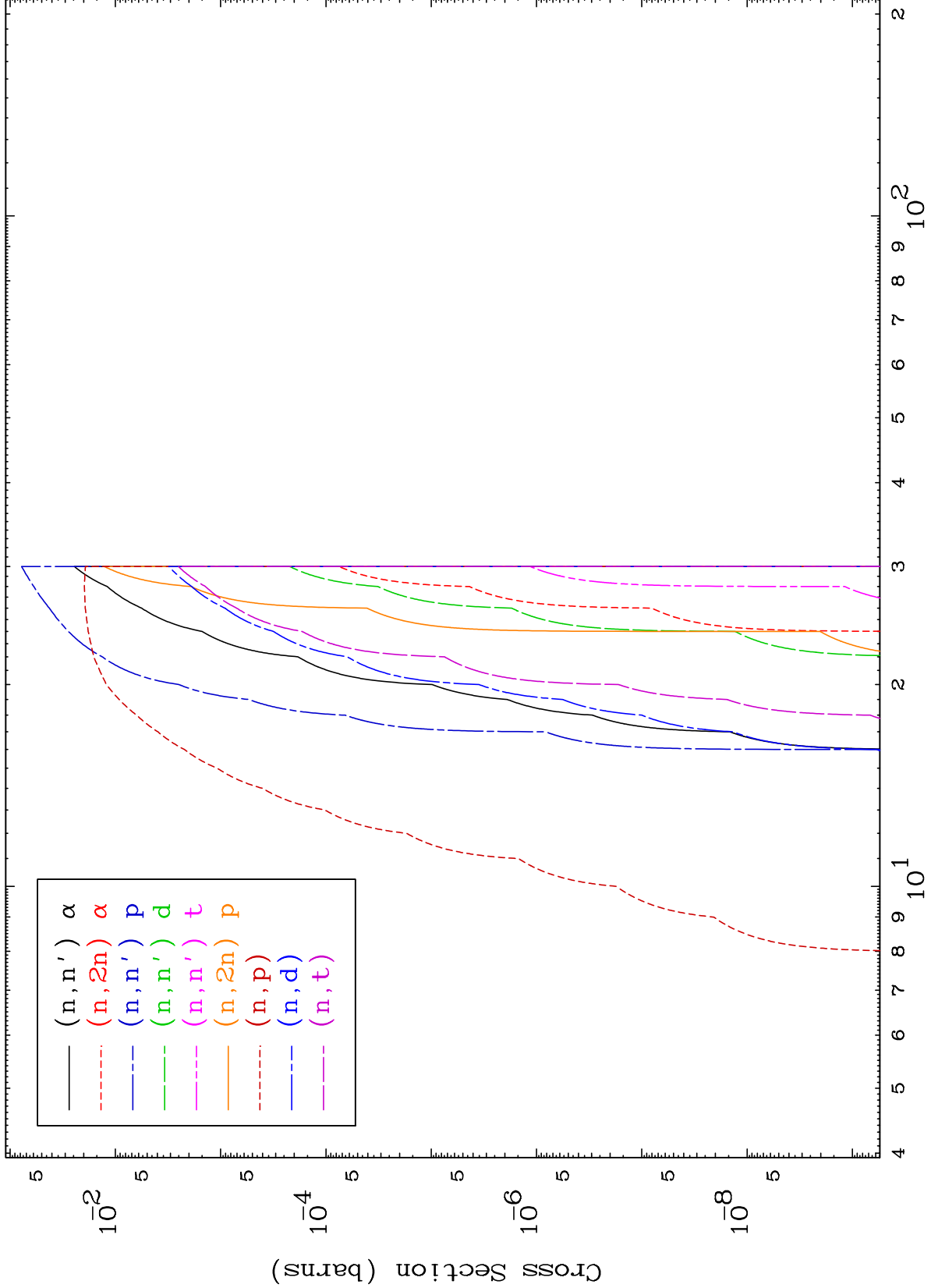
51-Sb-119

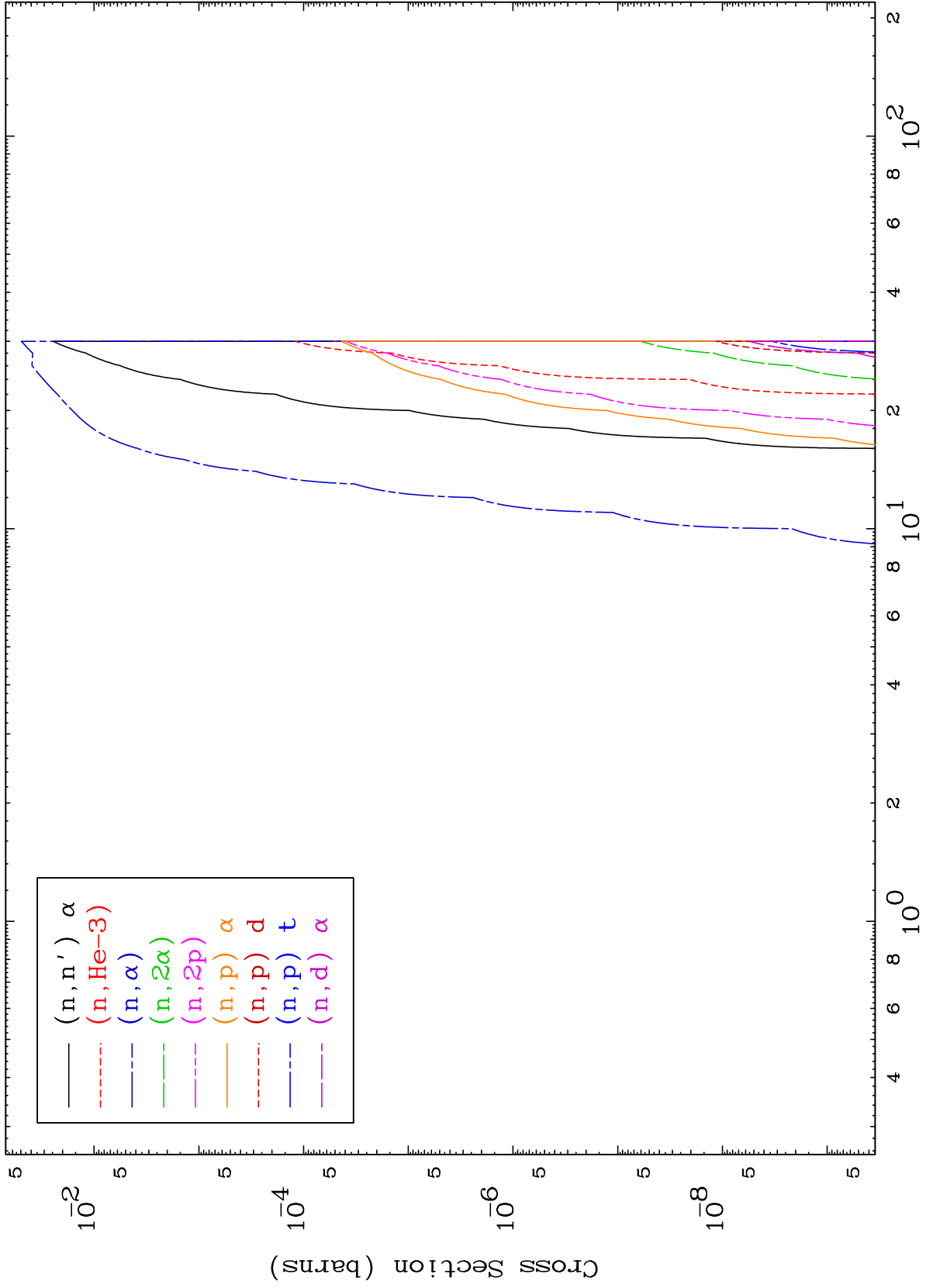
0 Kelvin Cross Sections







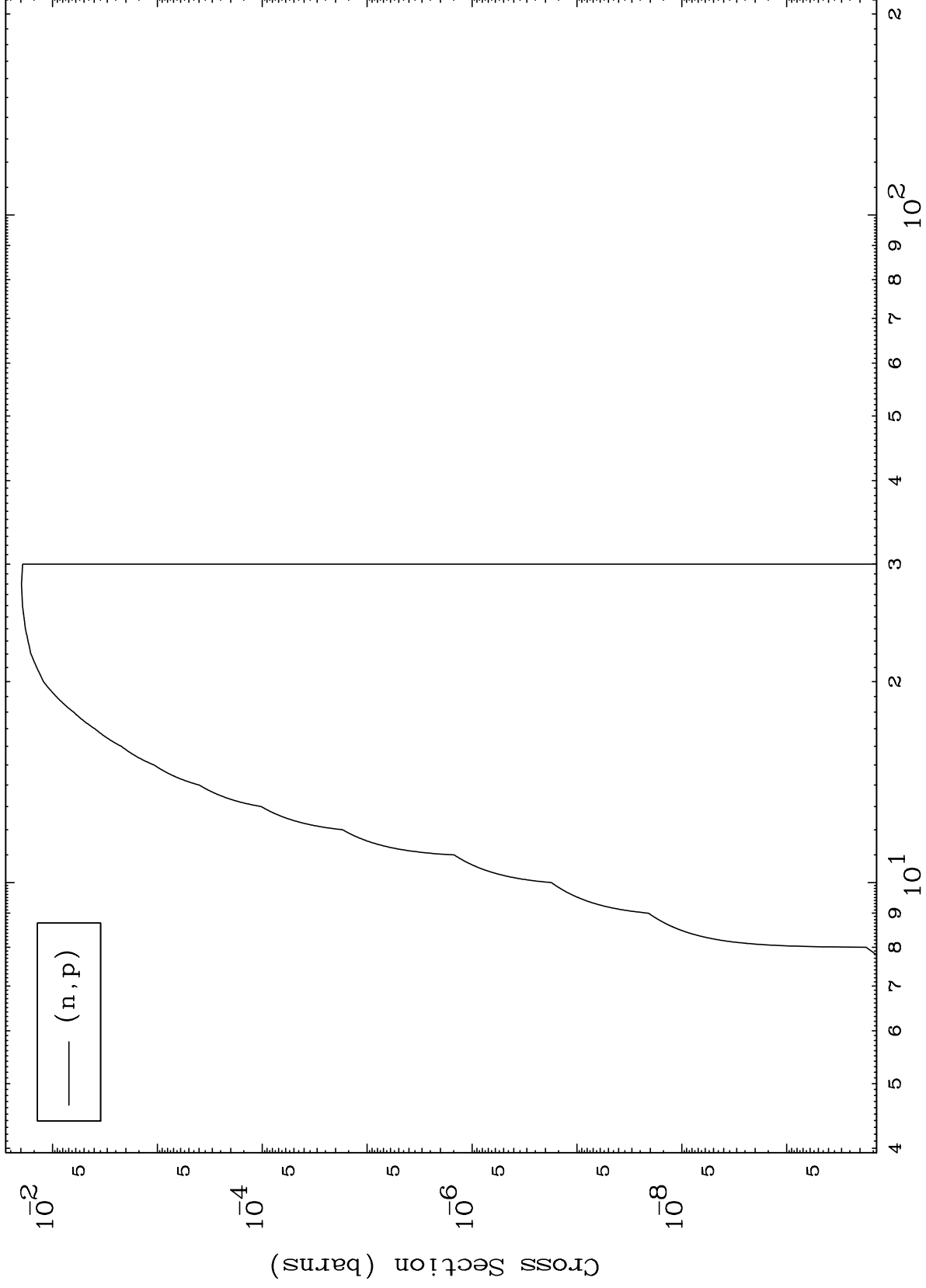




MAT 5119

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

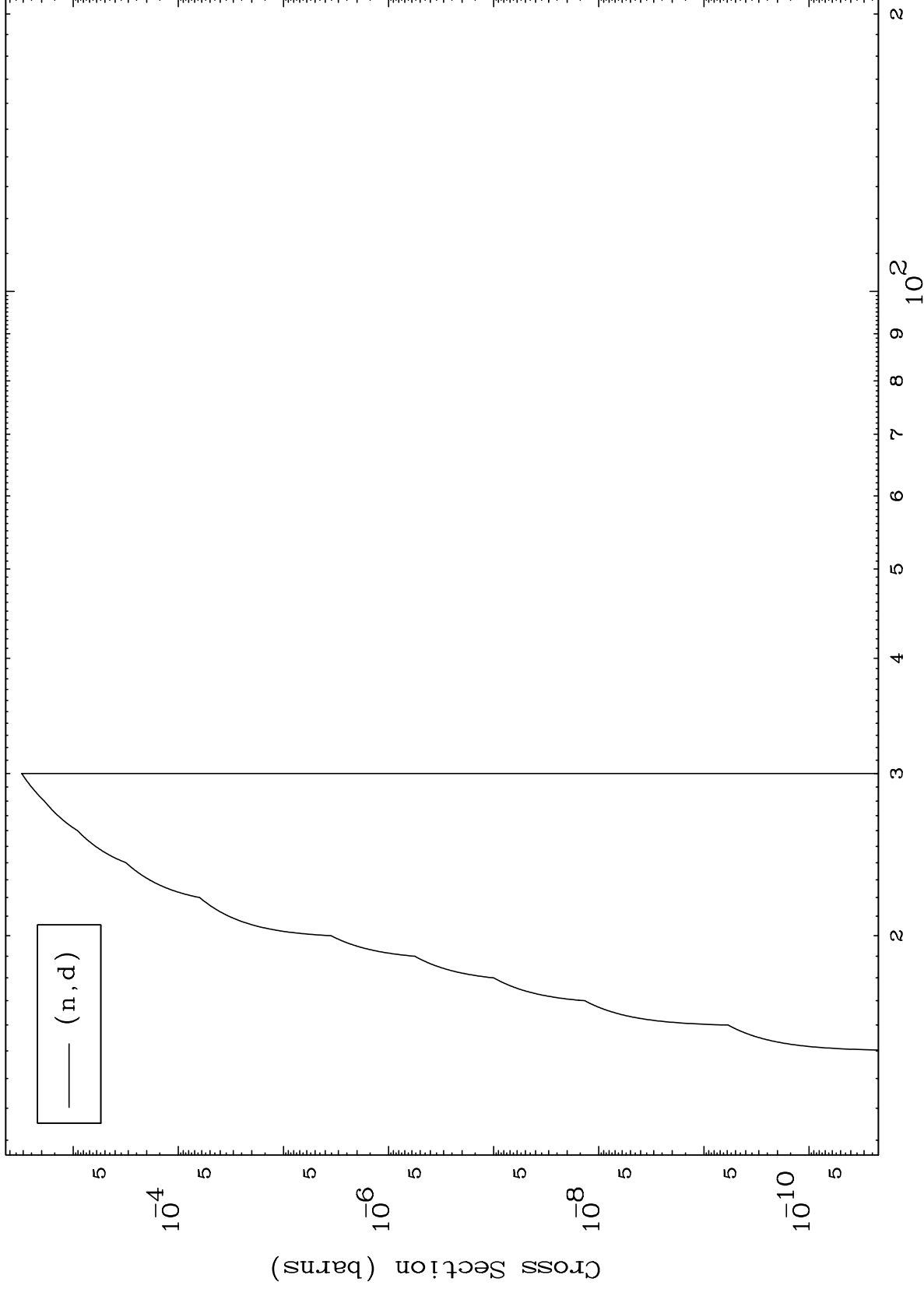
51-Sb-119

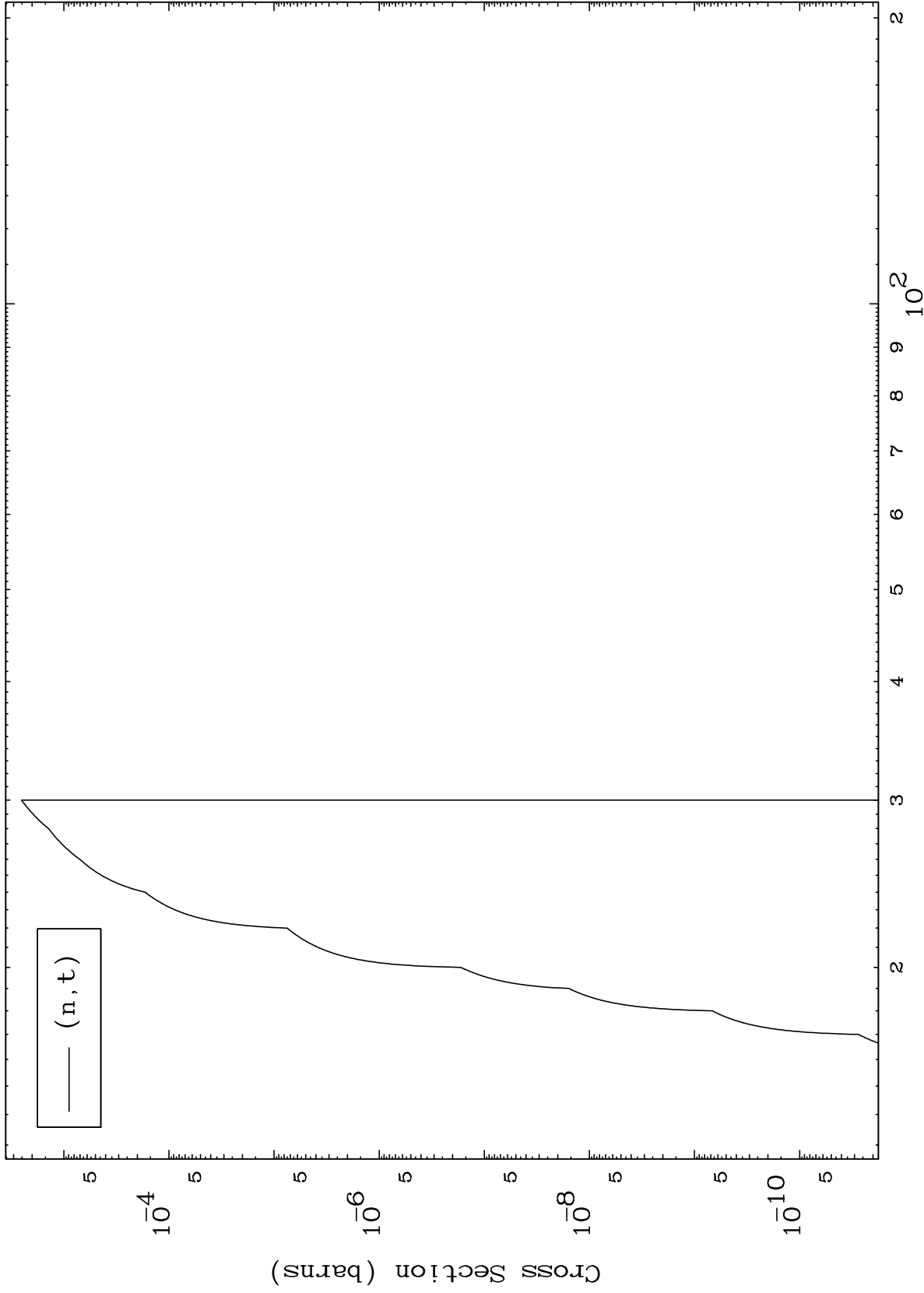


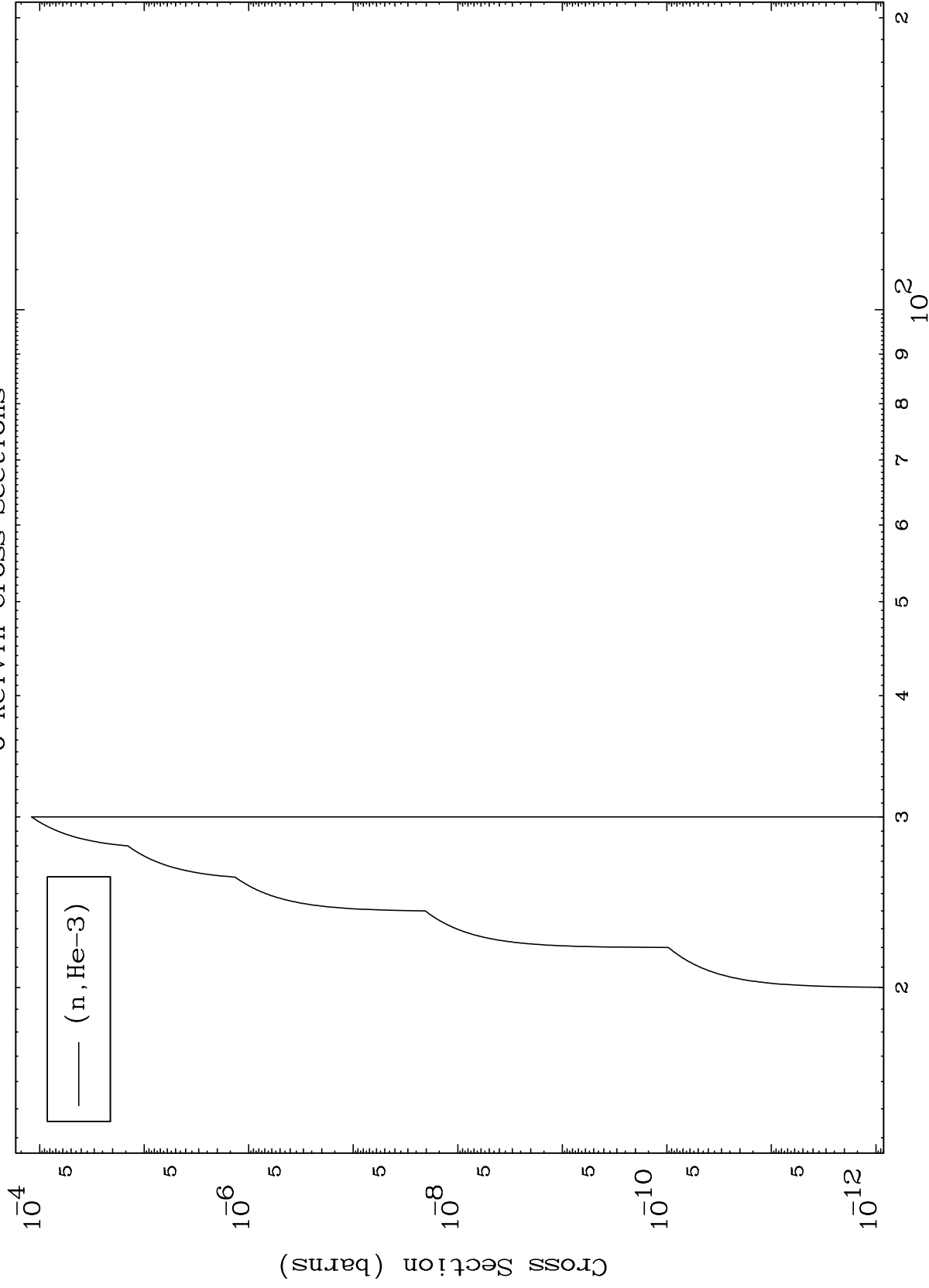
6

Incident Energy (MeV)

51-Sb-119





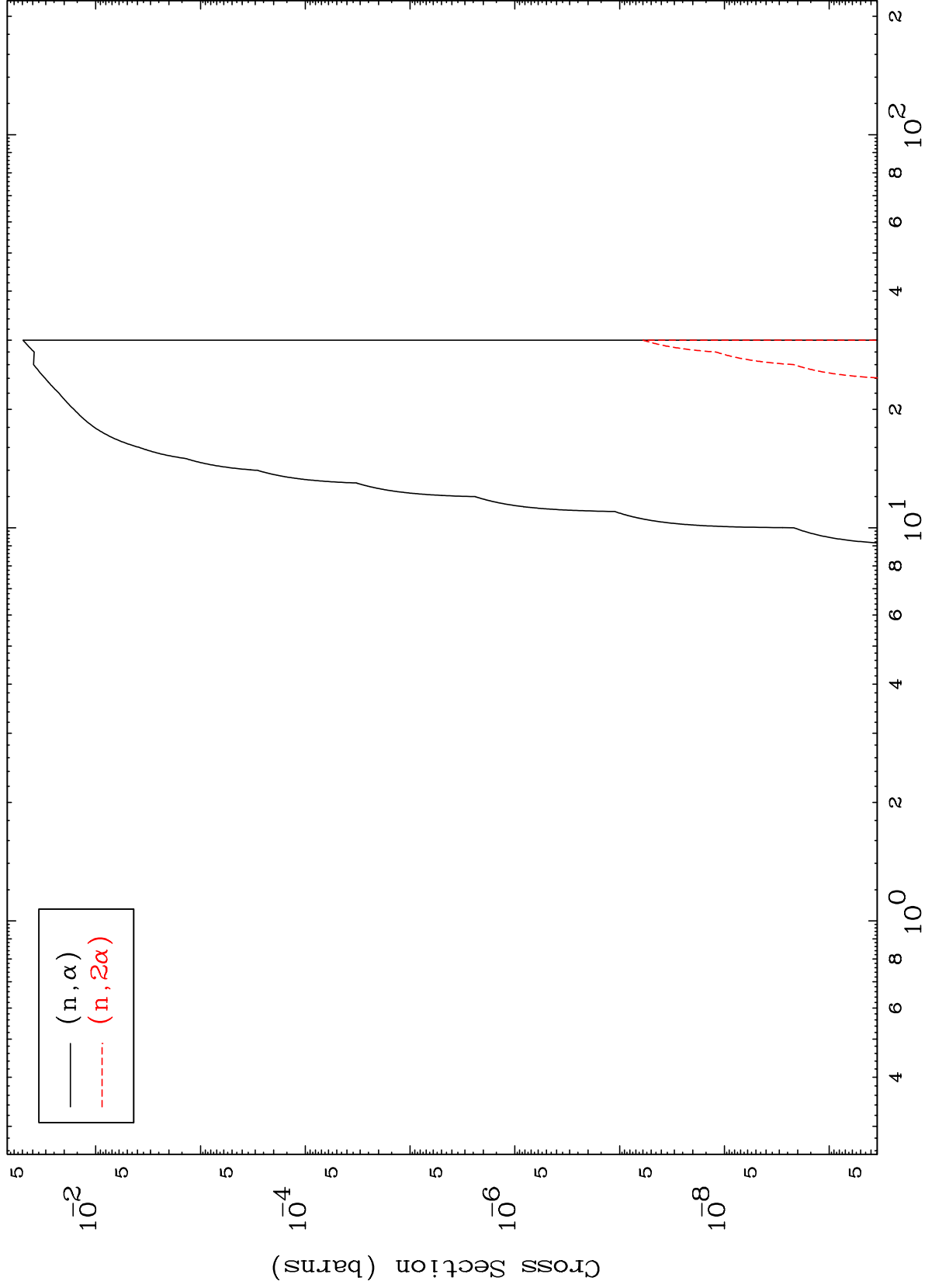


MAT 5119

( $\alpha, \alpha$ ) Levels

51-Sb-119

0 Kelvin Cross Sections



10

Incident Energy (MeV)

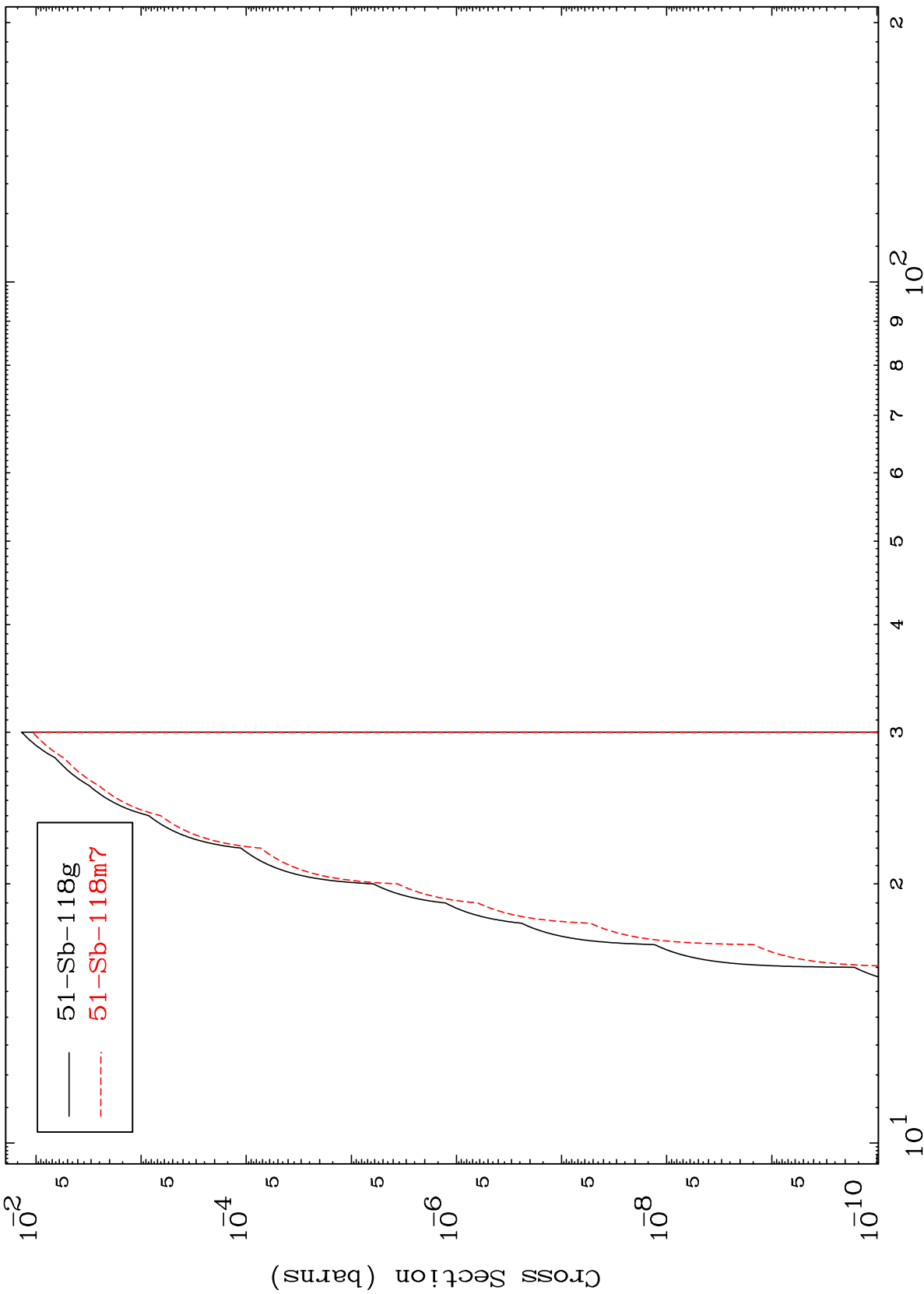
51-Sb-119

MAT 5119

(n,n')  $\alpha$

51-Sb-119

Radionuclide Production Cross Section

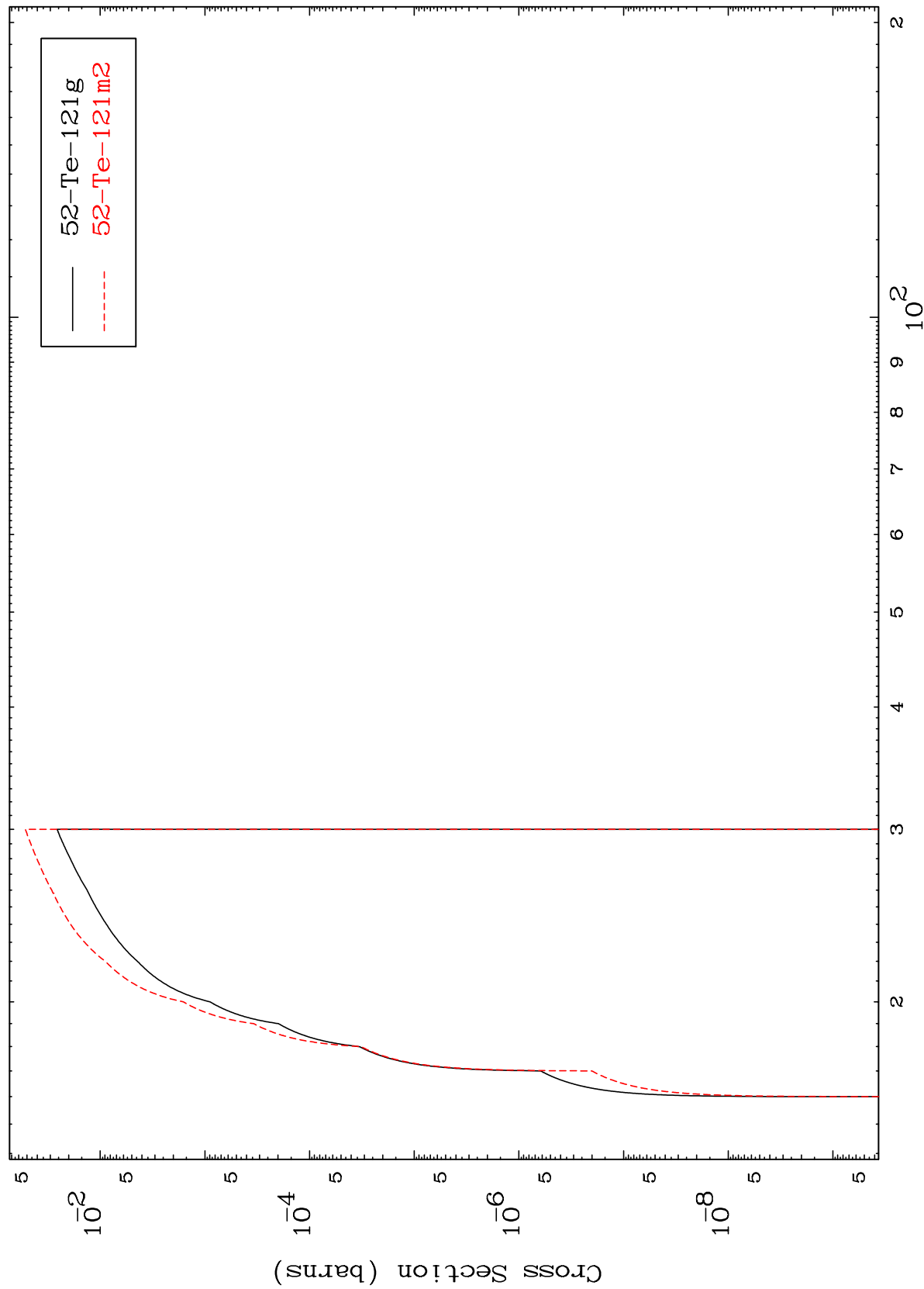


11

Incident Energy (MeV)

51-Sb-119

Radionuclide Production Cross Section

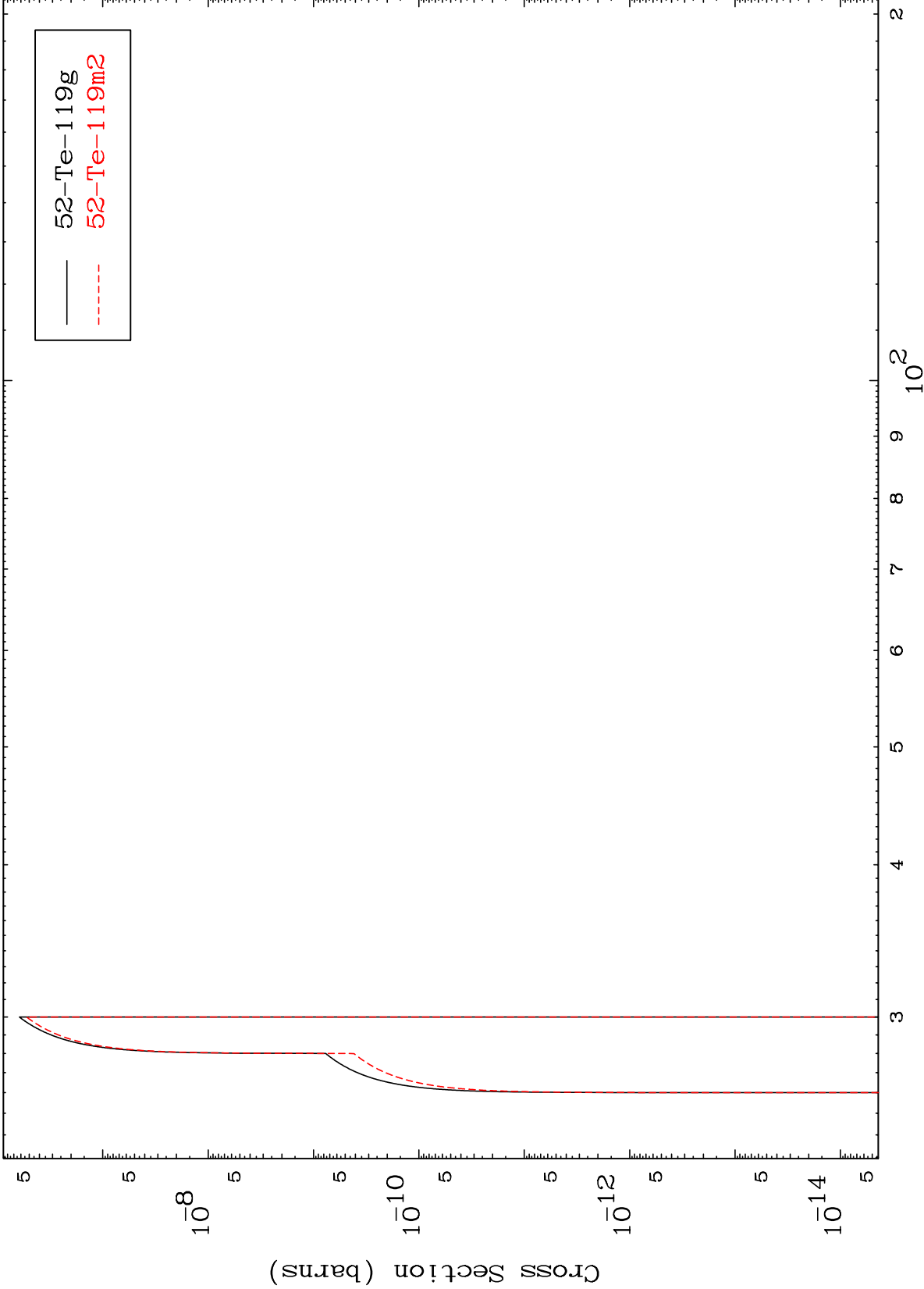


MAT 5119

(n,n') t

51-Sb-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

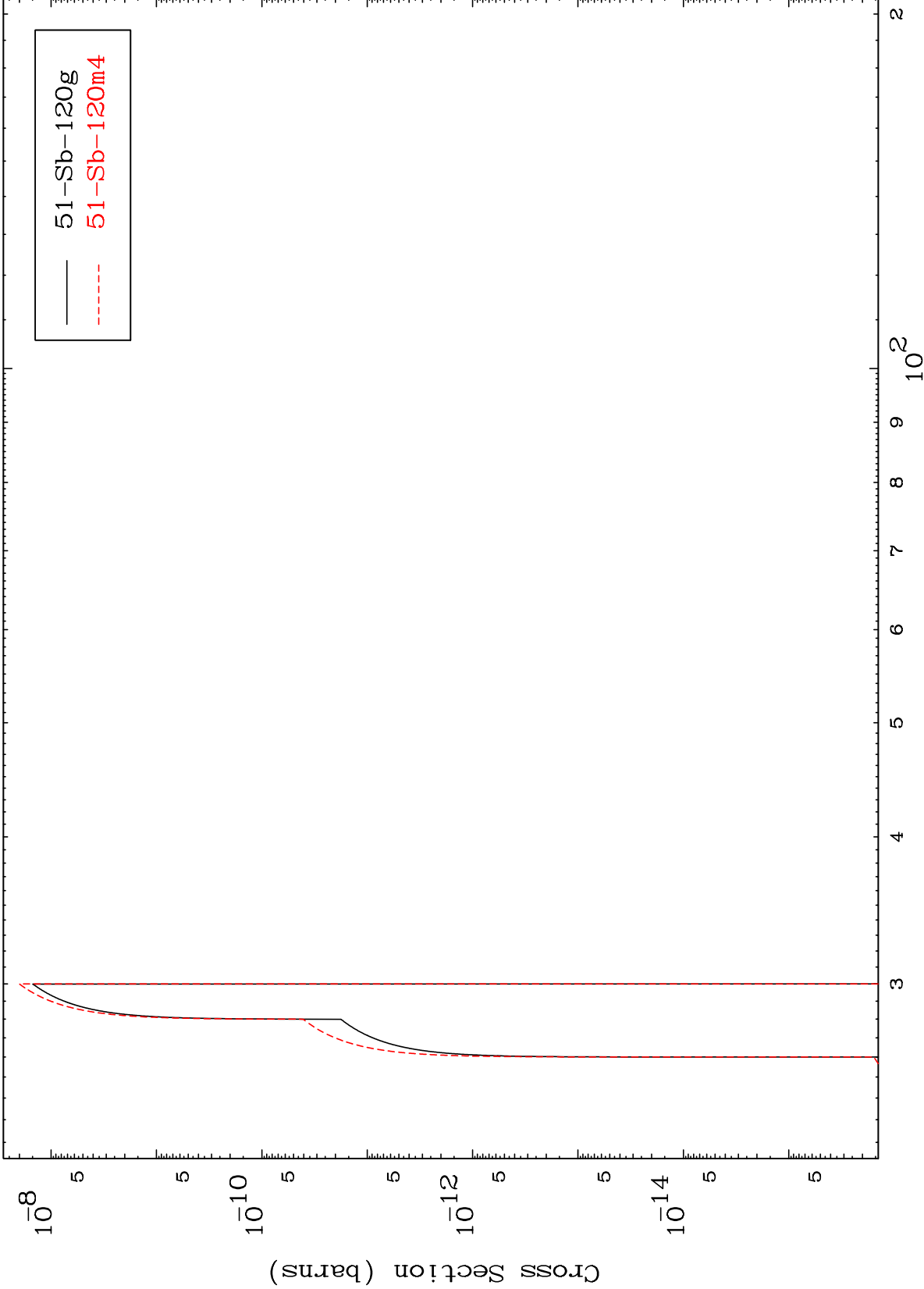
51-Sb-119

MAT 51119

(n,2n) p

51-Sb-119

Radionuclide Production Cross Section



51-Sb-120g  
51-Sb-120m4

14

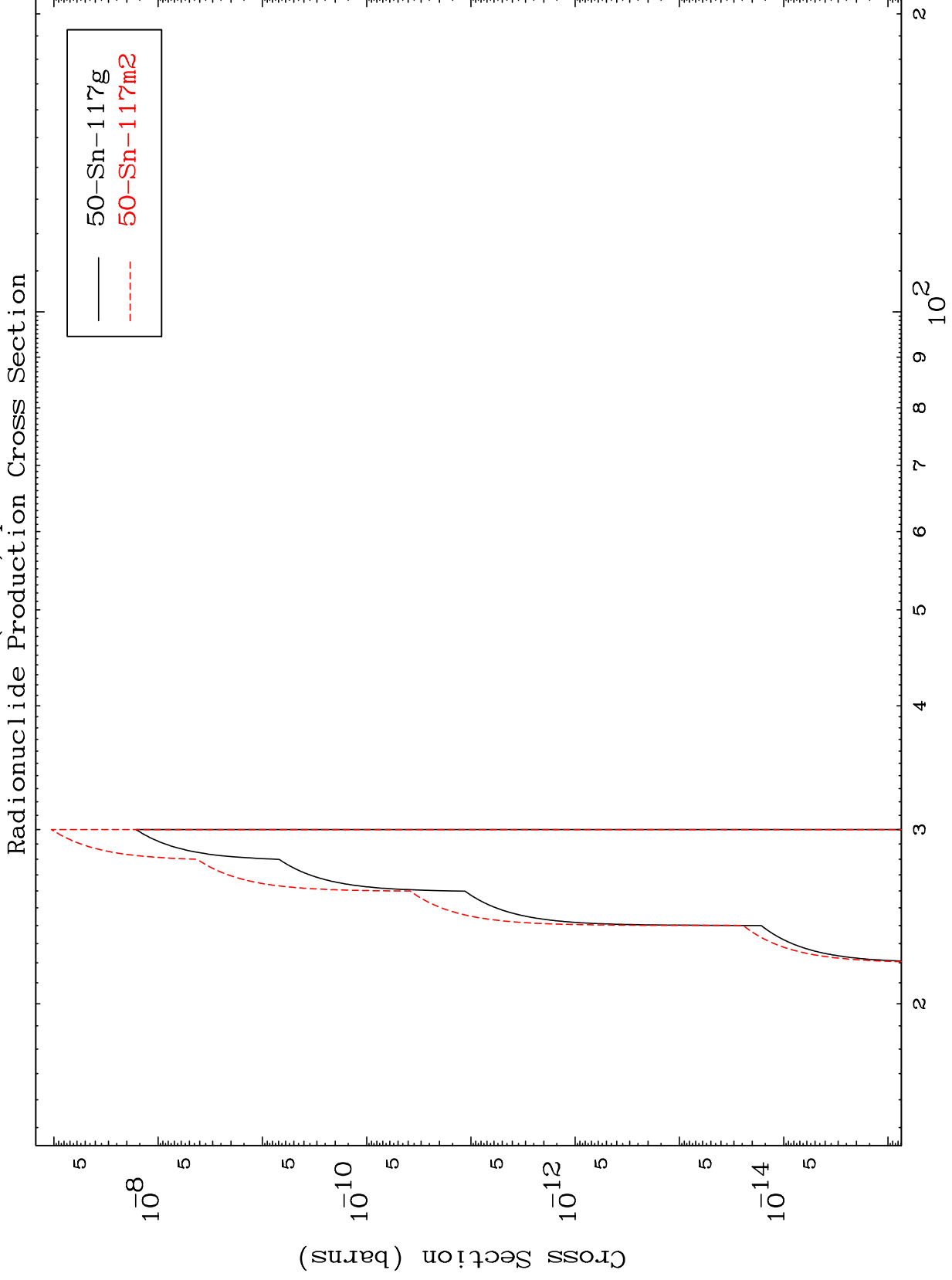
Incident Energy (MeV)

51-Sb-119

MAT 5119

(n,n') p  $\alpha$

51-Sb-119

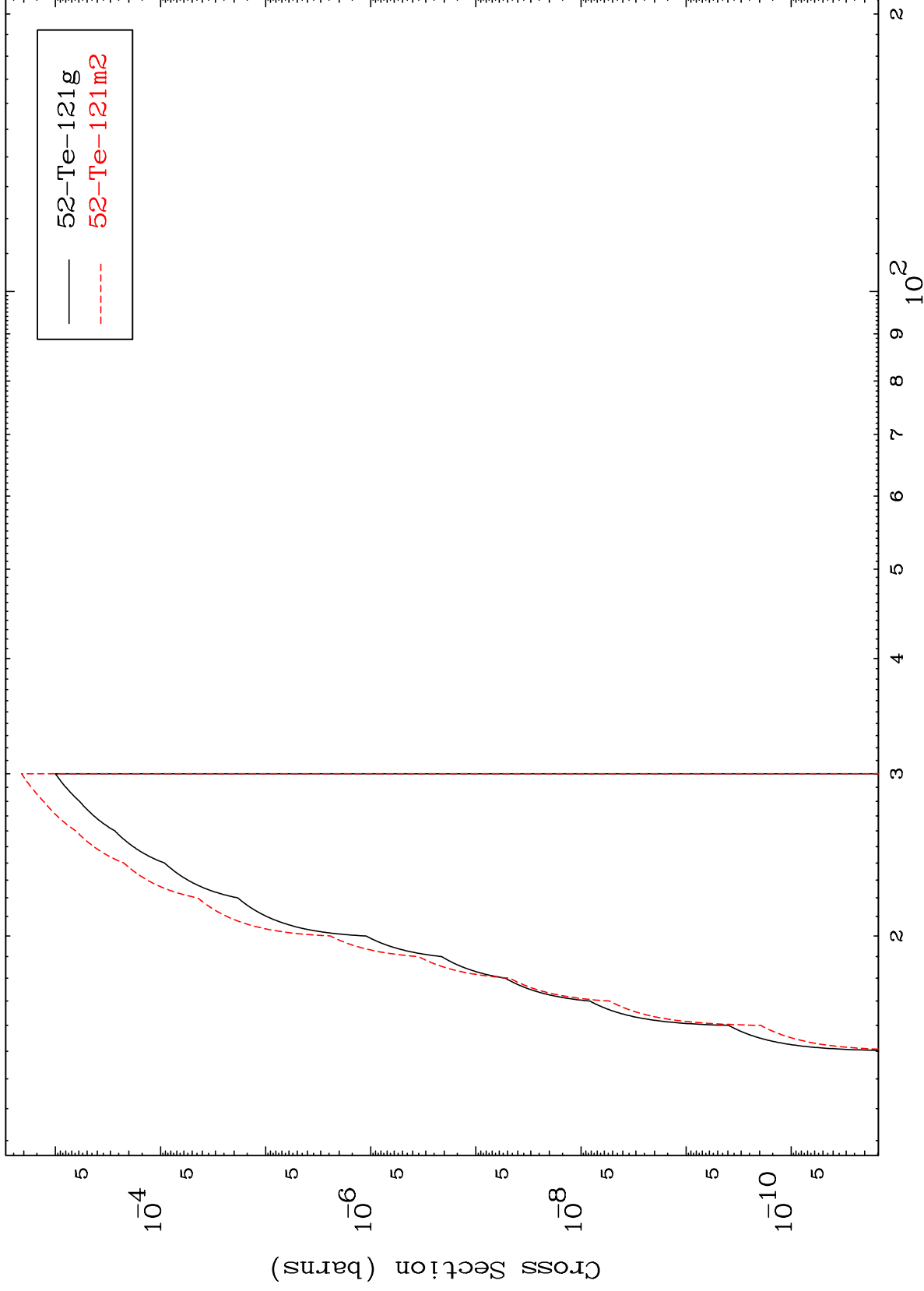


15

Incident Energy (MeV)

51-Sb-119

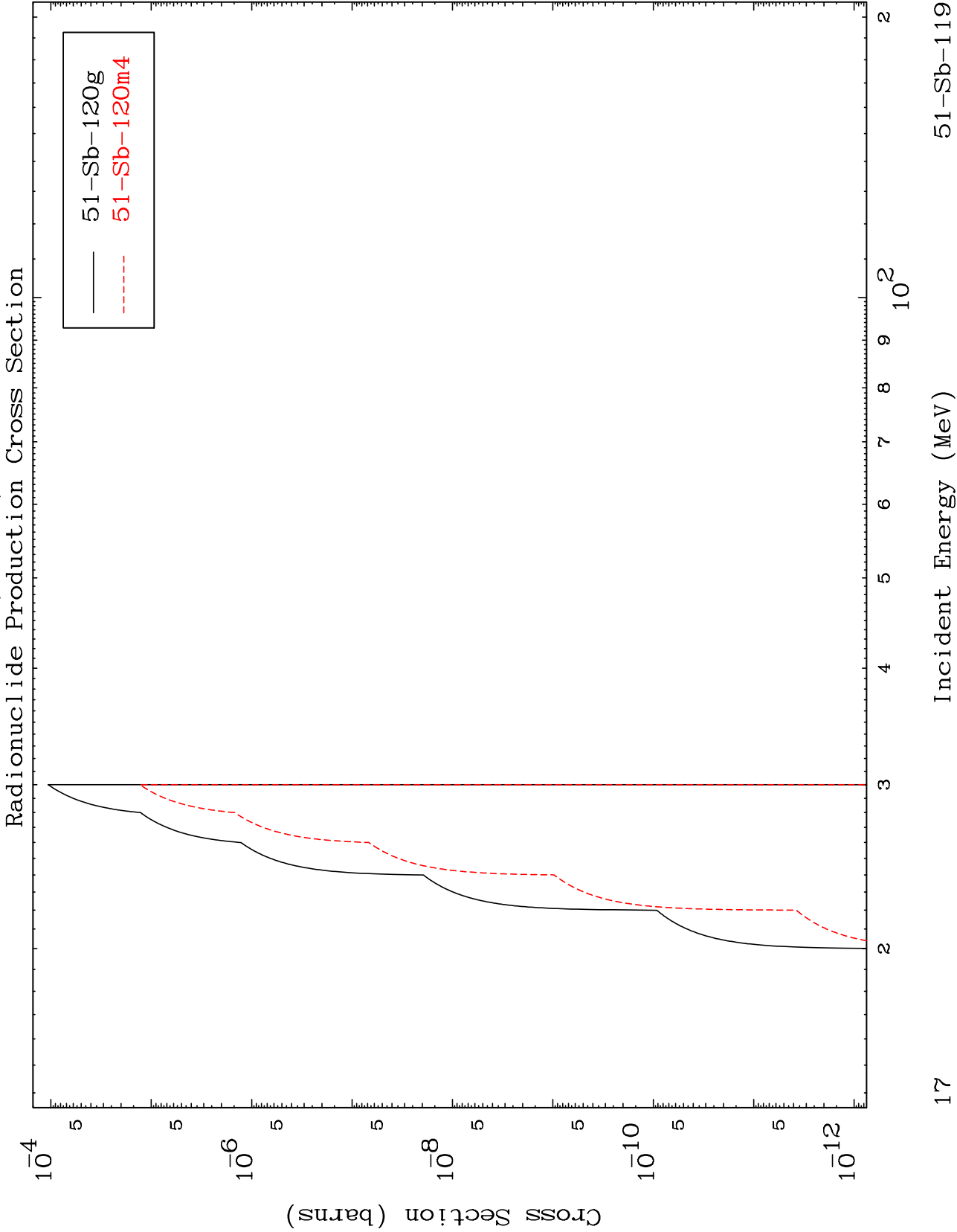
(n,d)  
Radionuclide Production Cross Section



MAT 5119

(n,He-3)

51-Sb-119



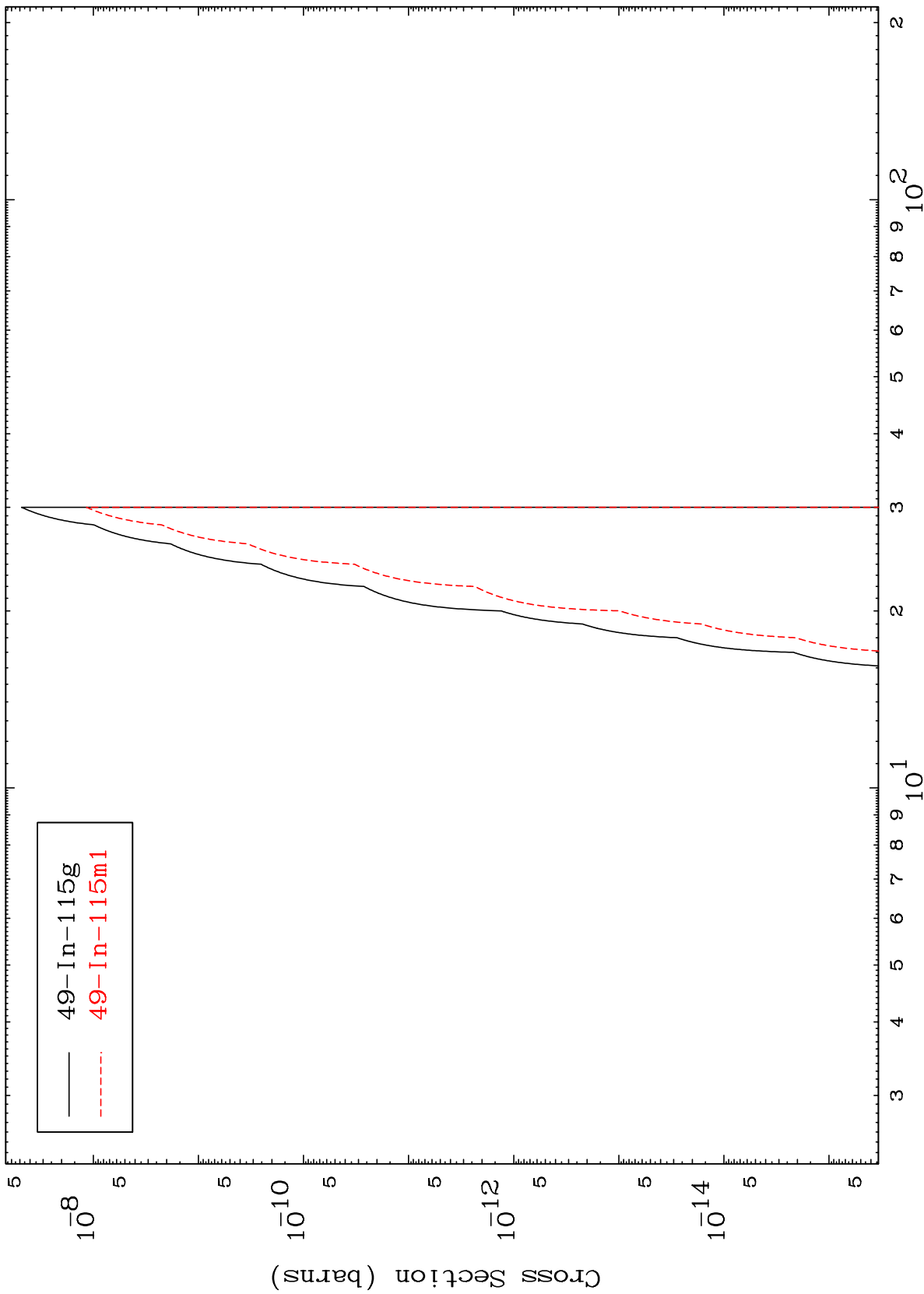
17

51-Sb-119

MAT 5119

51-Sb-119

Radionuclide Production Cross Section  
(n,2α)



18

51-Sb-119

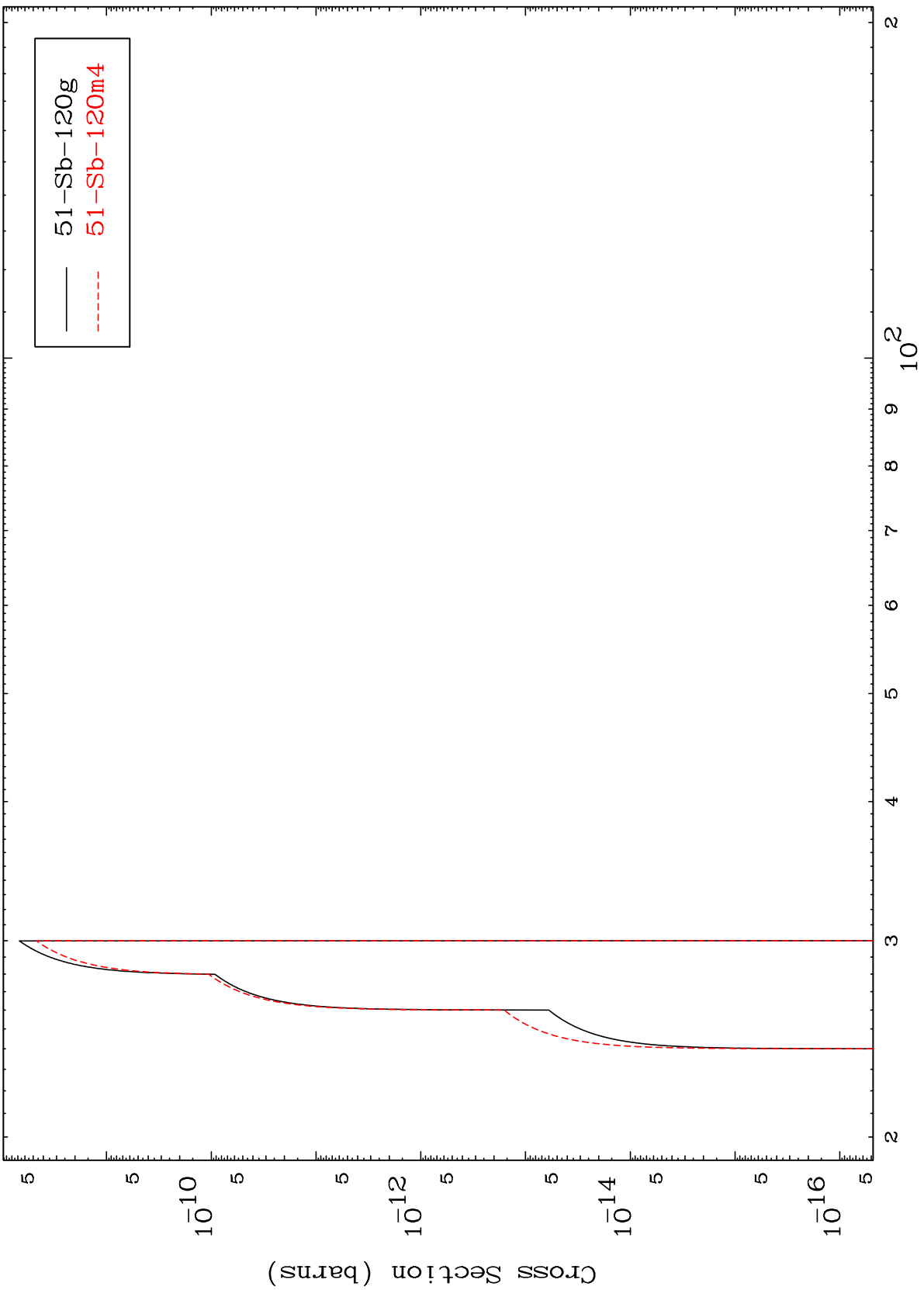
Incident Energy (MeV)

MAT 5119

(n,p) d

51-Sb-119

Radionuclide Production Cross Section



19

Incident Energy (MeV)

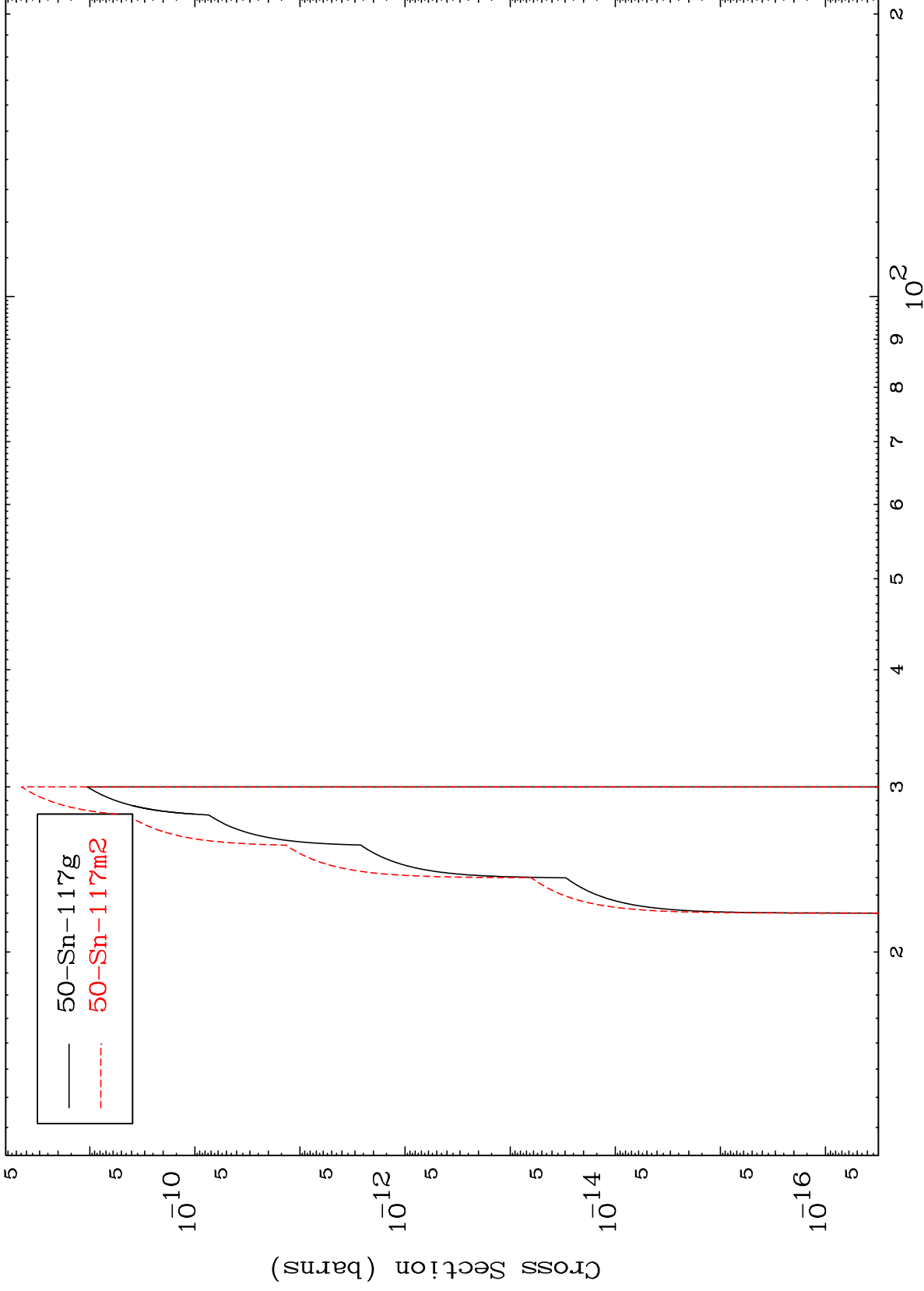
51-Sb-119

MAT 5119

(n,d)  $\alpha$

51-Sb-119

Radionuclide Production Cross Section



20

Incident Energy (MeV)

51-Sb-119