

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](mailto:redcullen1@comcast.net)

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

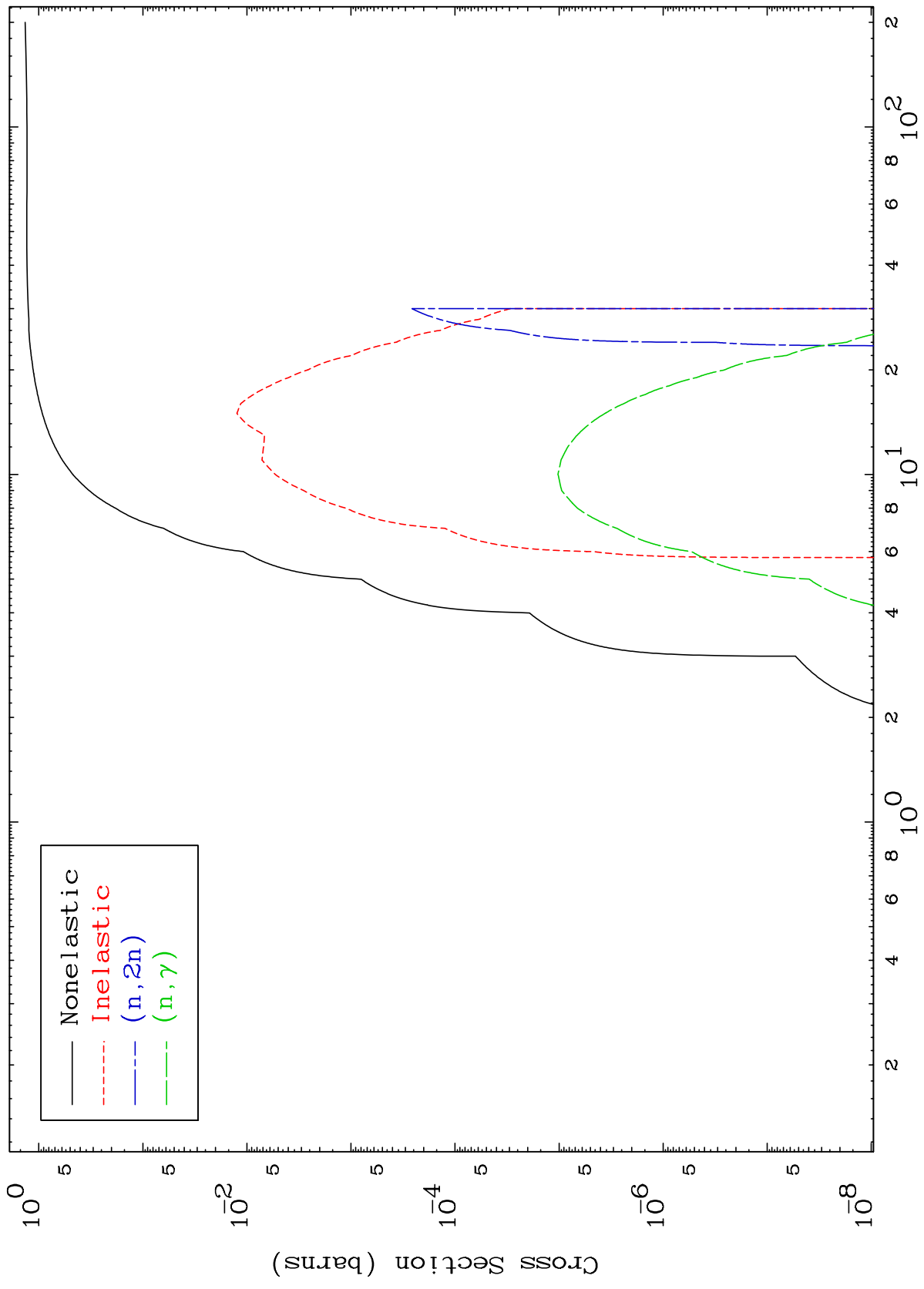
Press Mouse Button to Start

MAT 2117

0 Kelvin

$\alpha$  Major Cross Sections

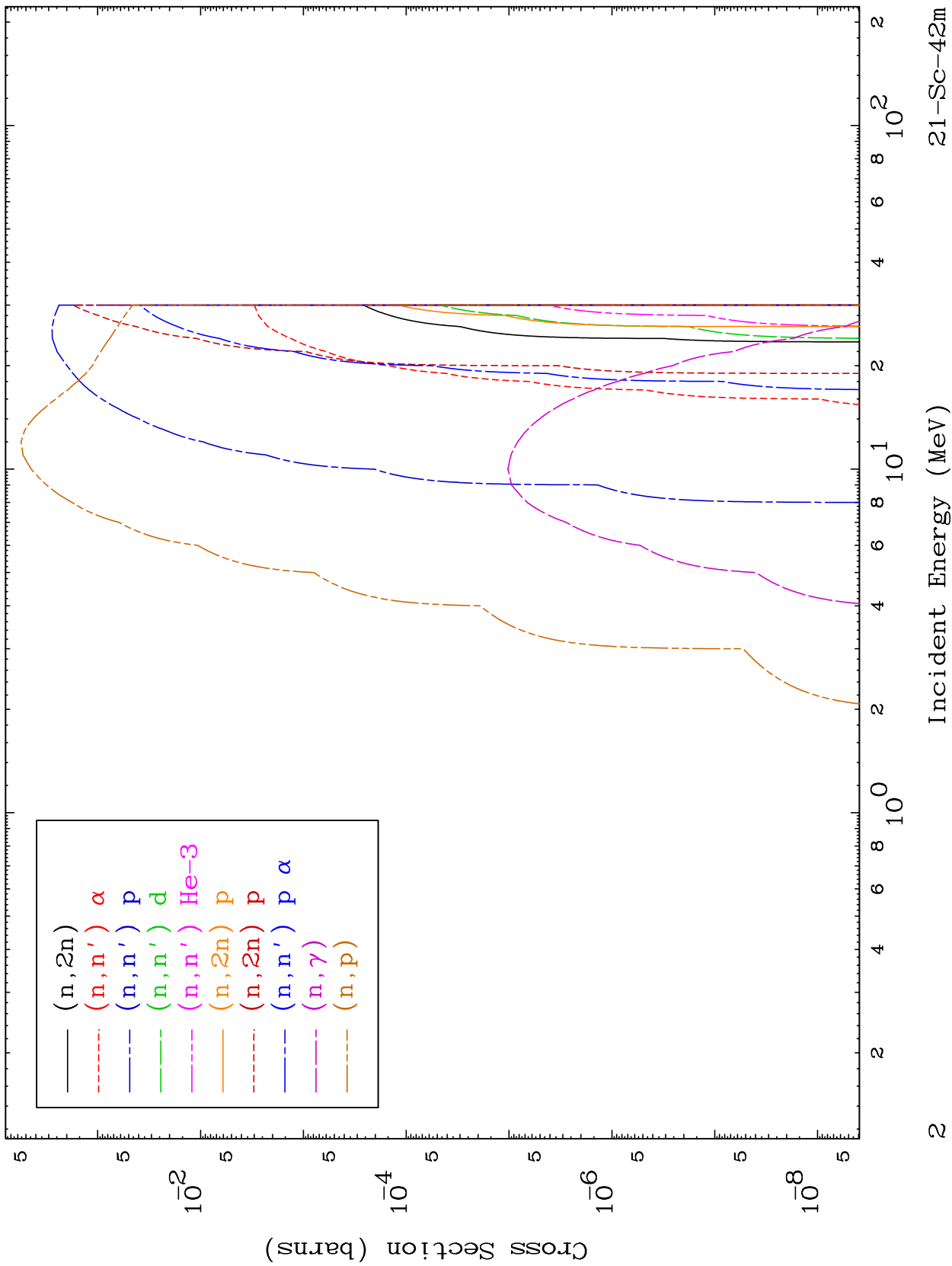
21-Sc-42m



MAT 2117

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

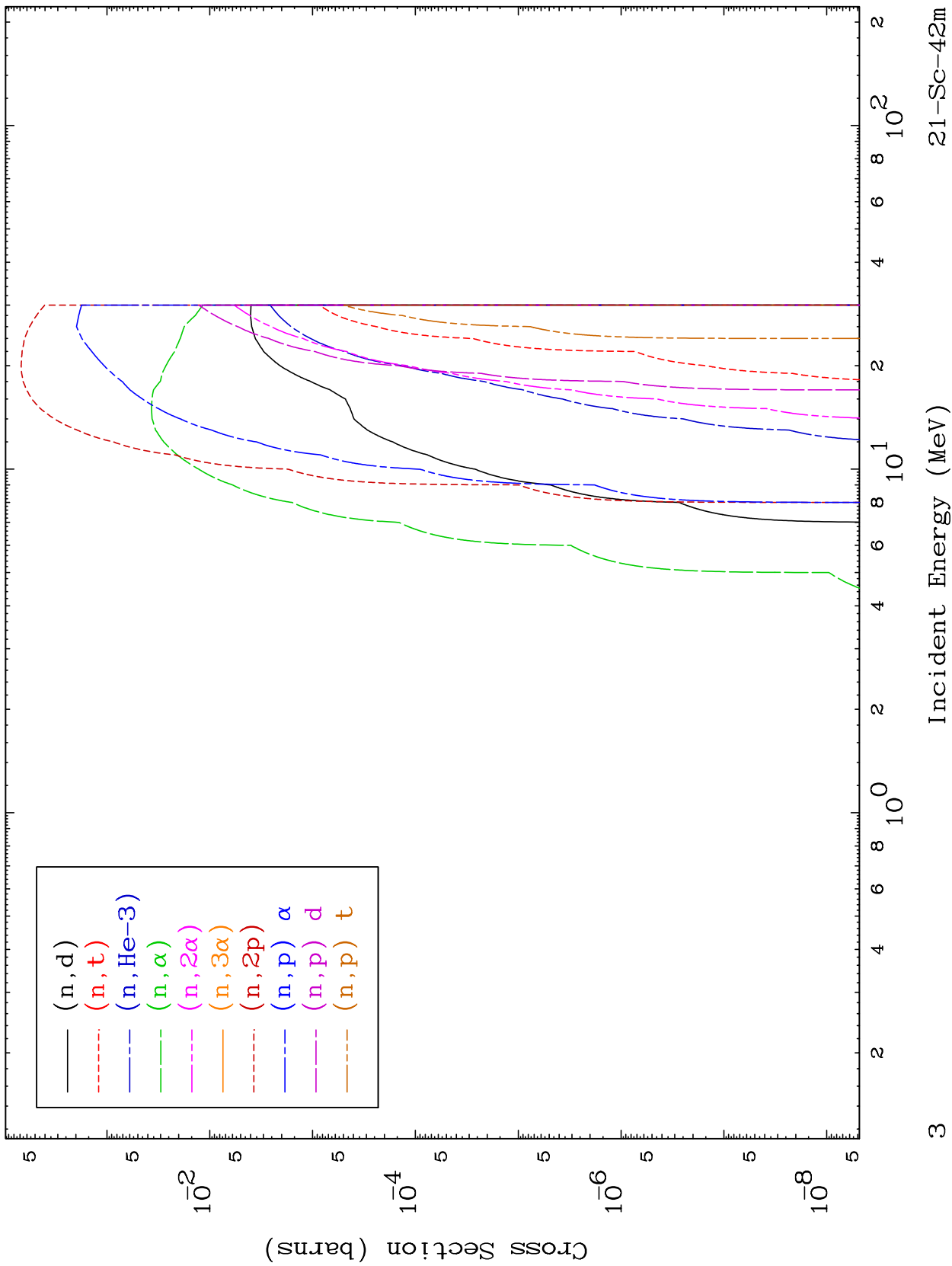
21-Sc-42m

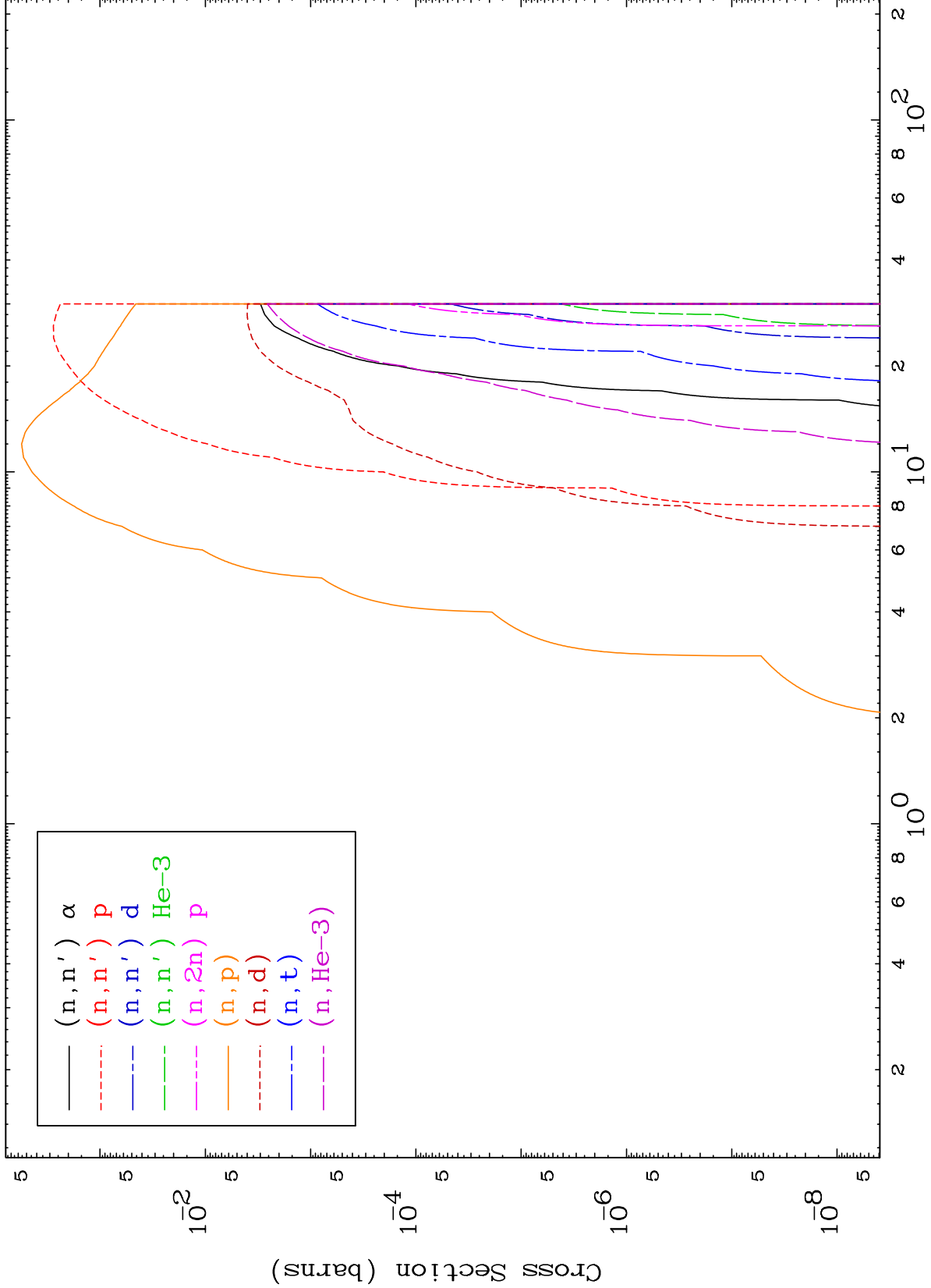


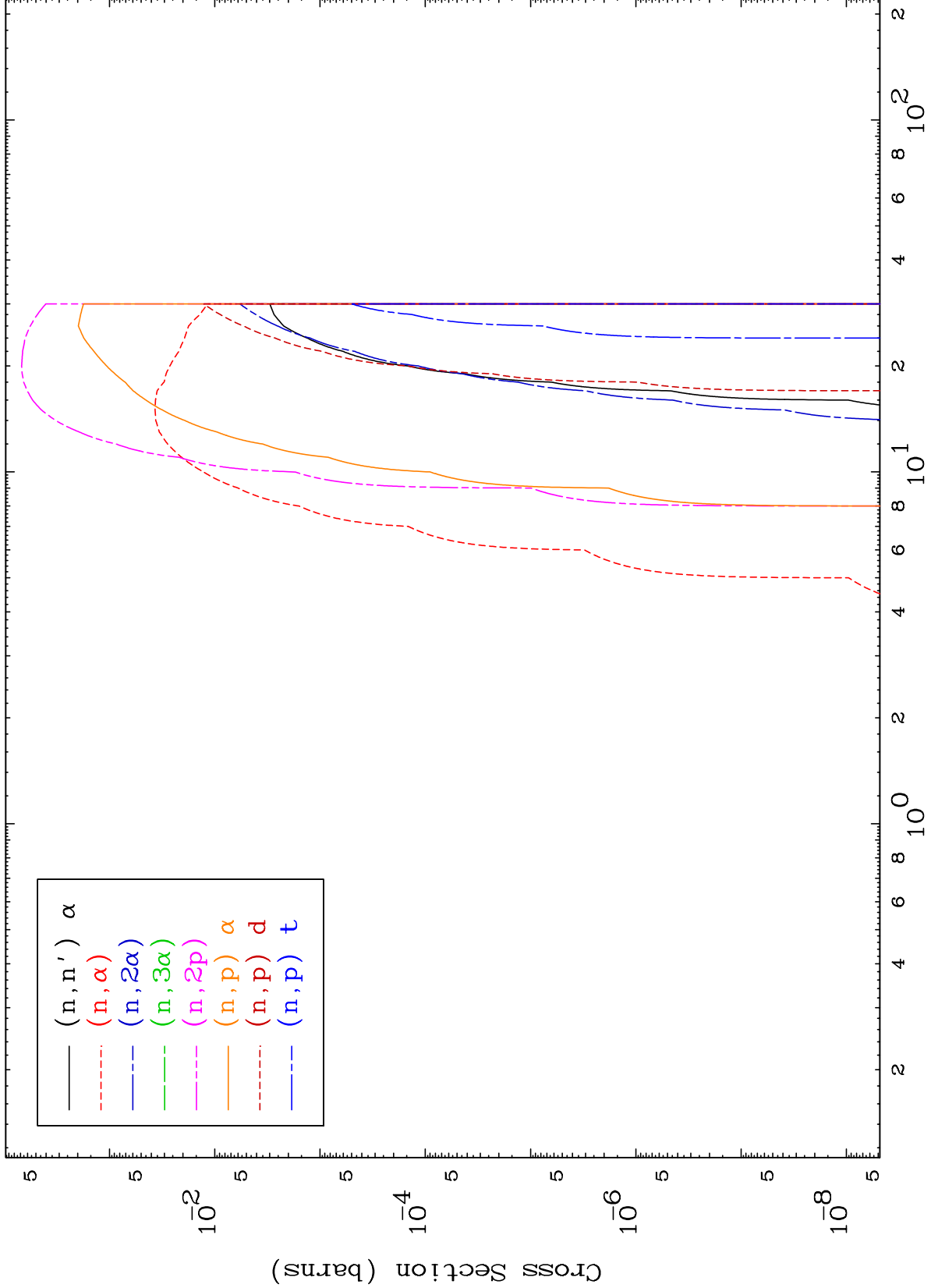
MAT 2117

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

21-Sc-42m





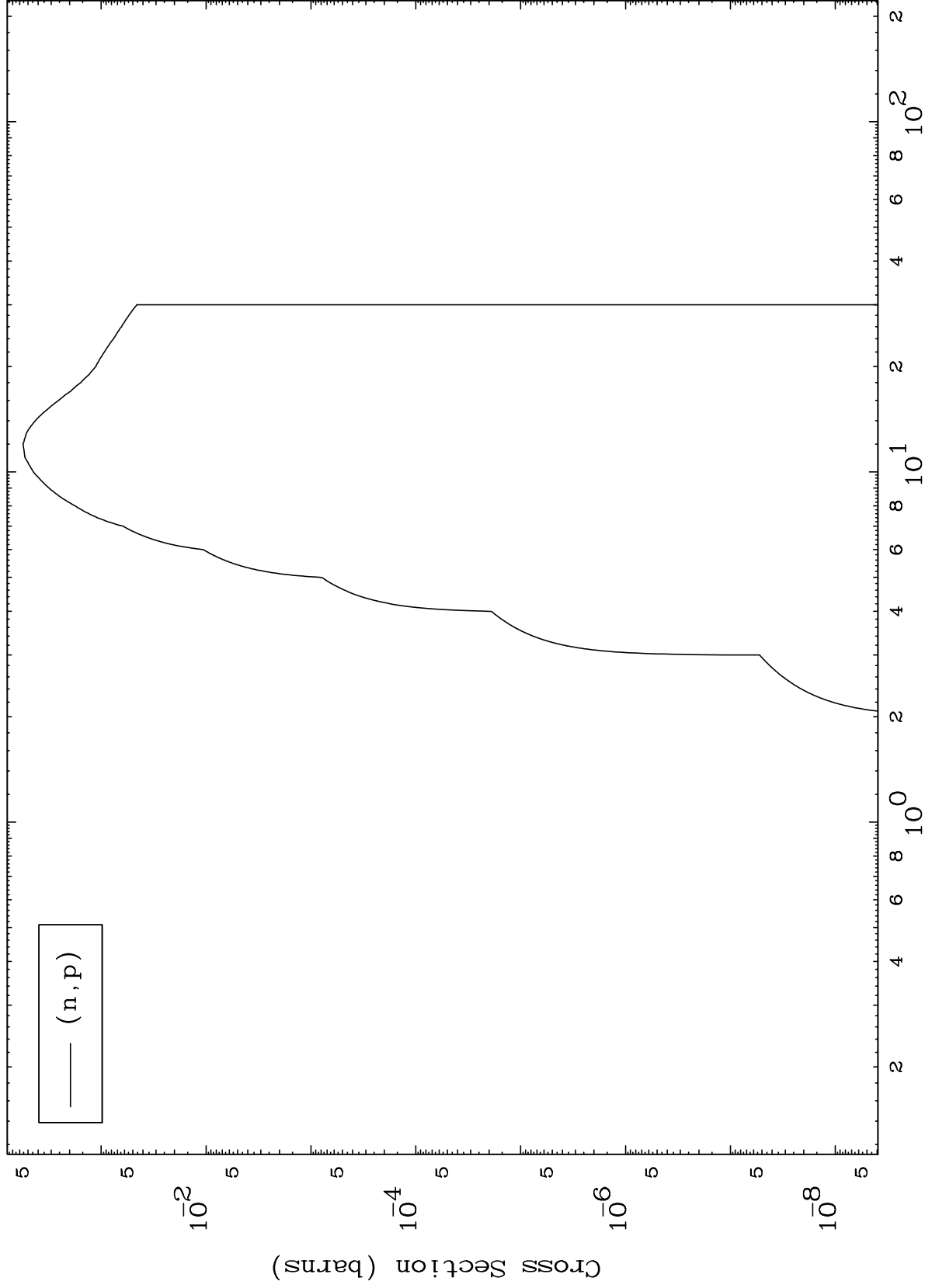


MAT 2117

( $\alpha, p$ ) Levels

21-Sc-42m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

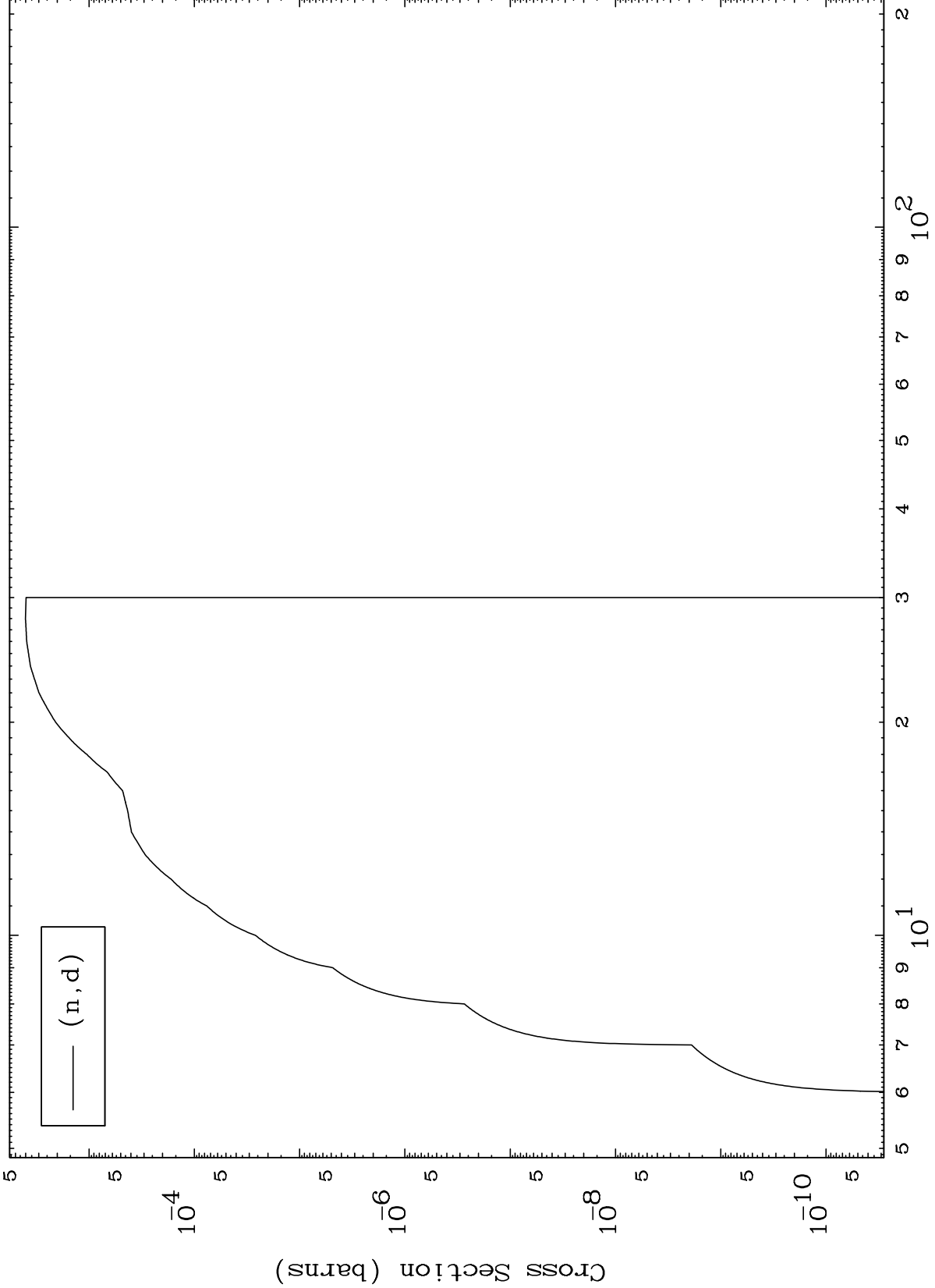
21-Sc-42m

MAT 2117

( $\alpha, d$ ) Levels

21-Sc-42m

0 Kelvin Cross Sections



Incident Energy (MeV)

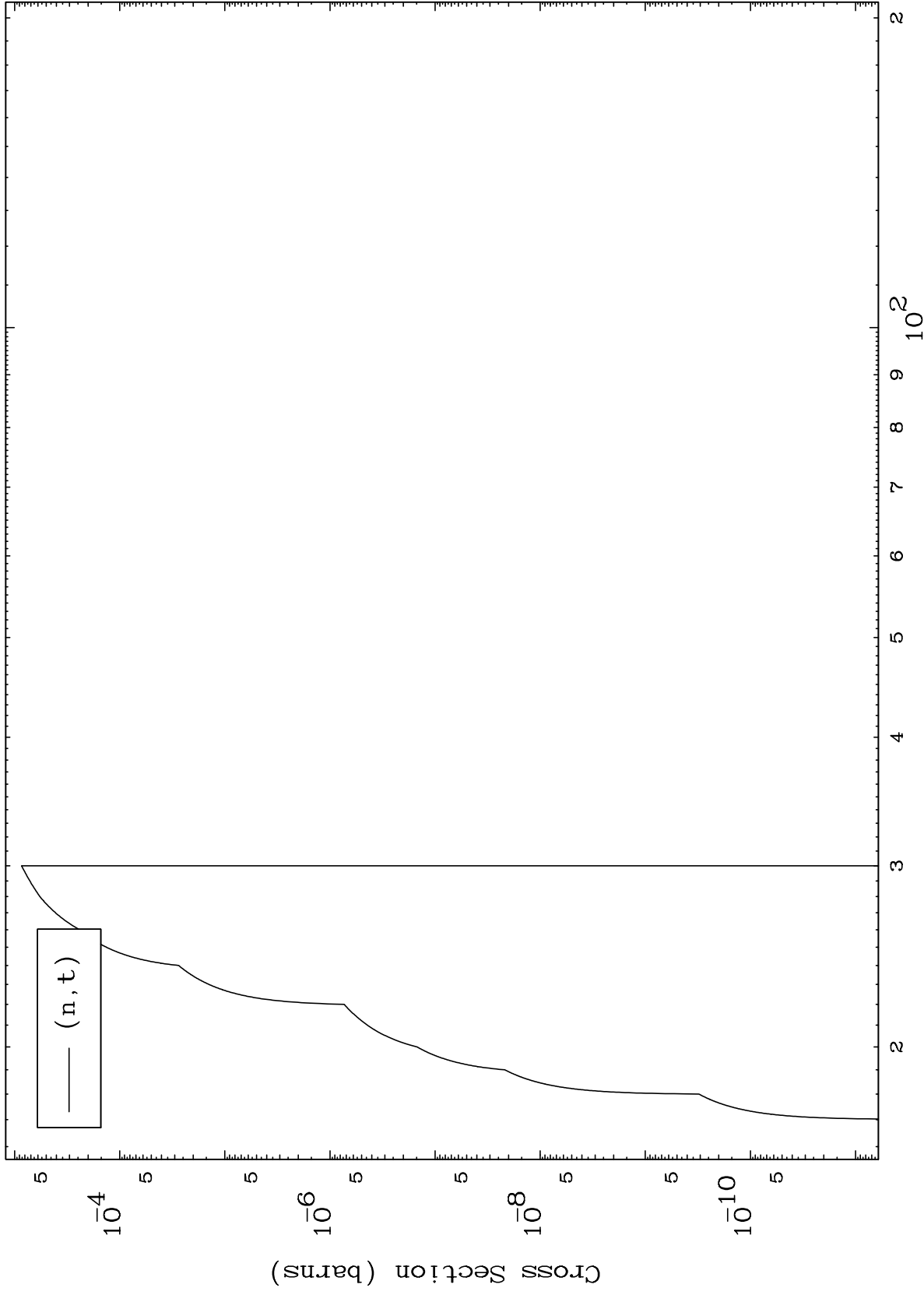
21-Sc-42m

7

MAT 2117

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

21-Sc-42m



8

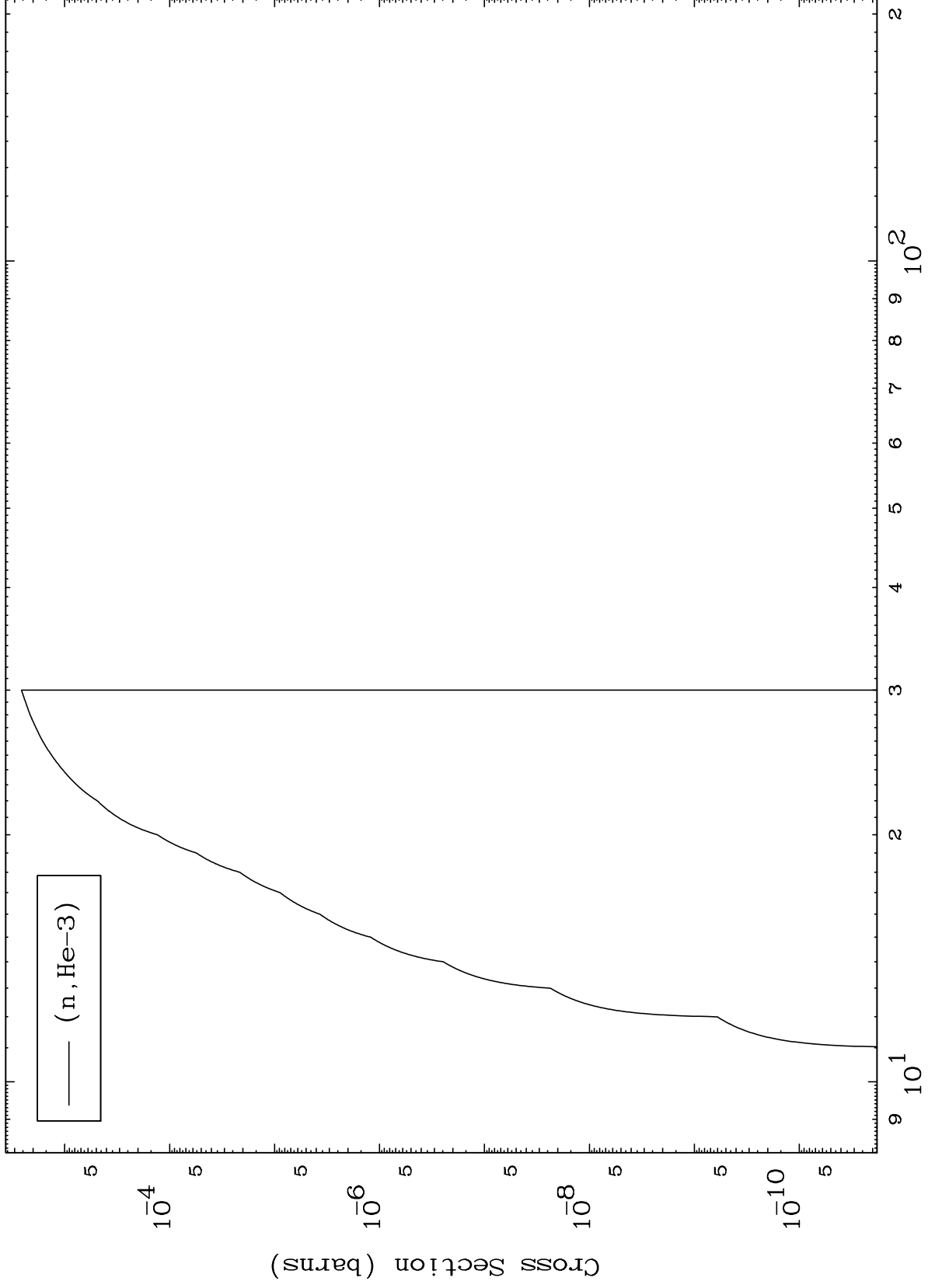
Incident Energy (MeV)

21-Sc-42m

MAT 2117

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

21-Sc-42m



9

Incident Energy (MeV)

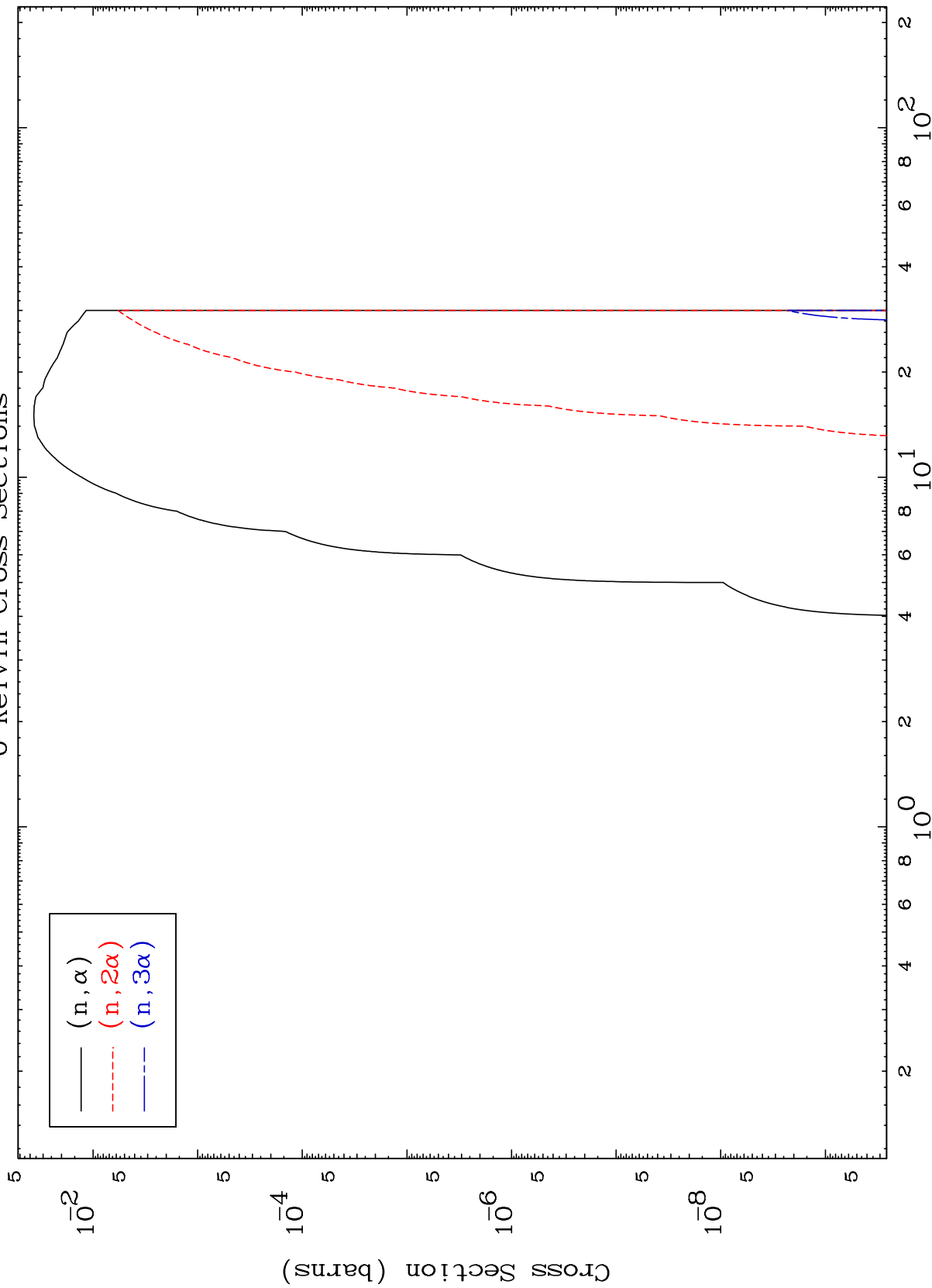
21-Sc-42m

MAT 2117

( $\alpha, \alpha$ ) Levels

21-Sc-42m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

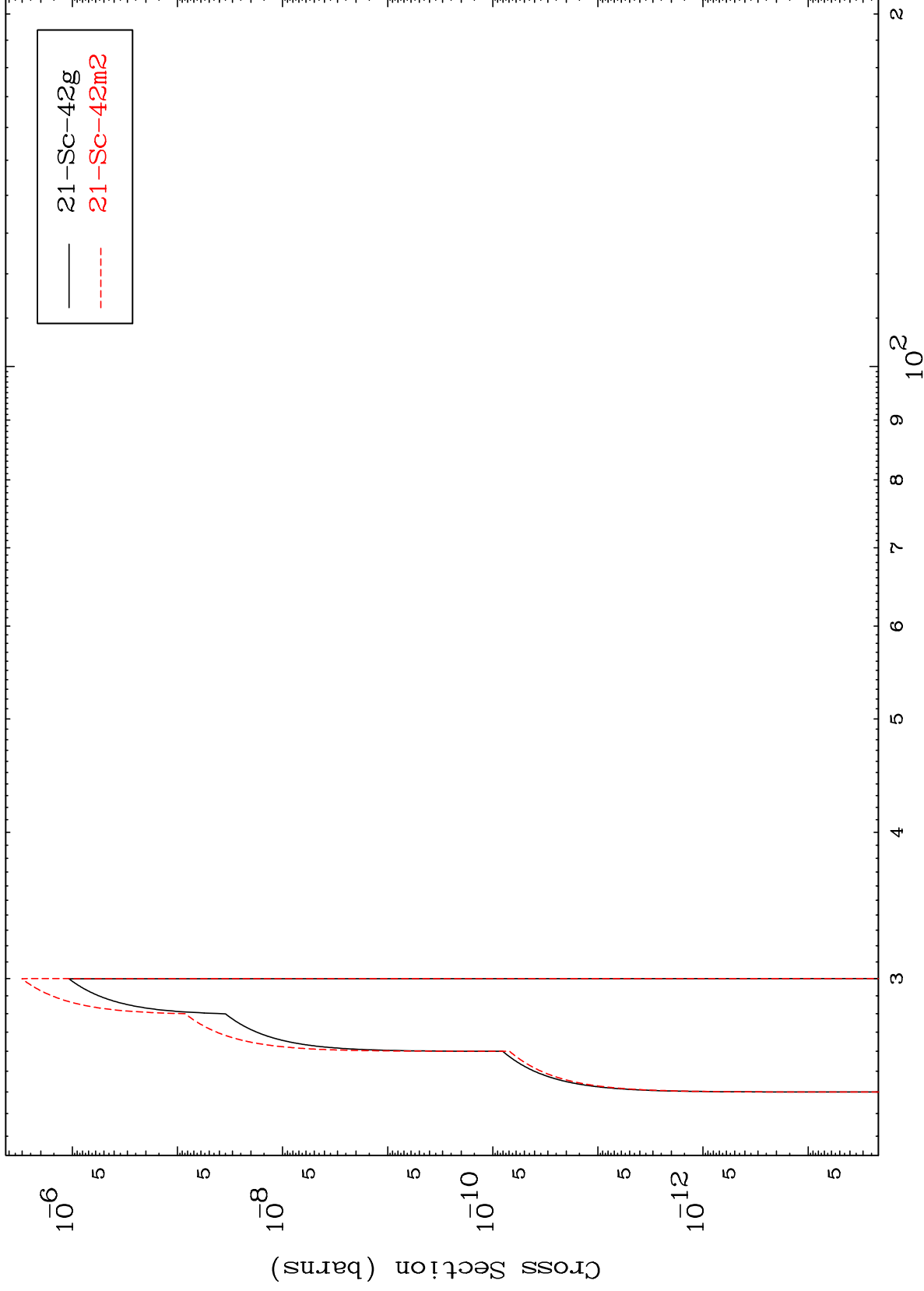
21-Sc-42m

MAT 2117

(n,n') He-3

21-Sc-42m

Radionuclide Production Cross Section

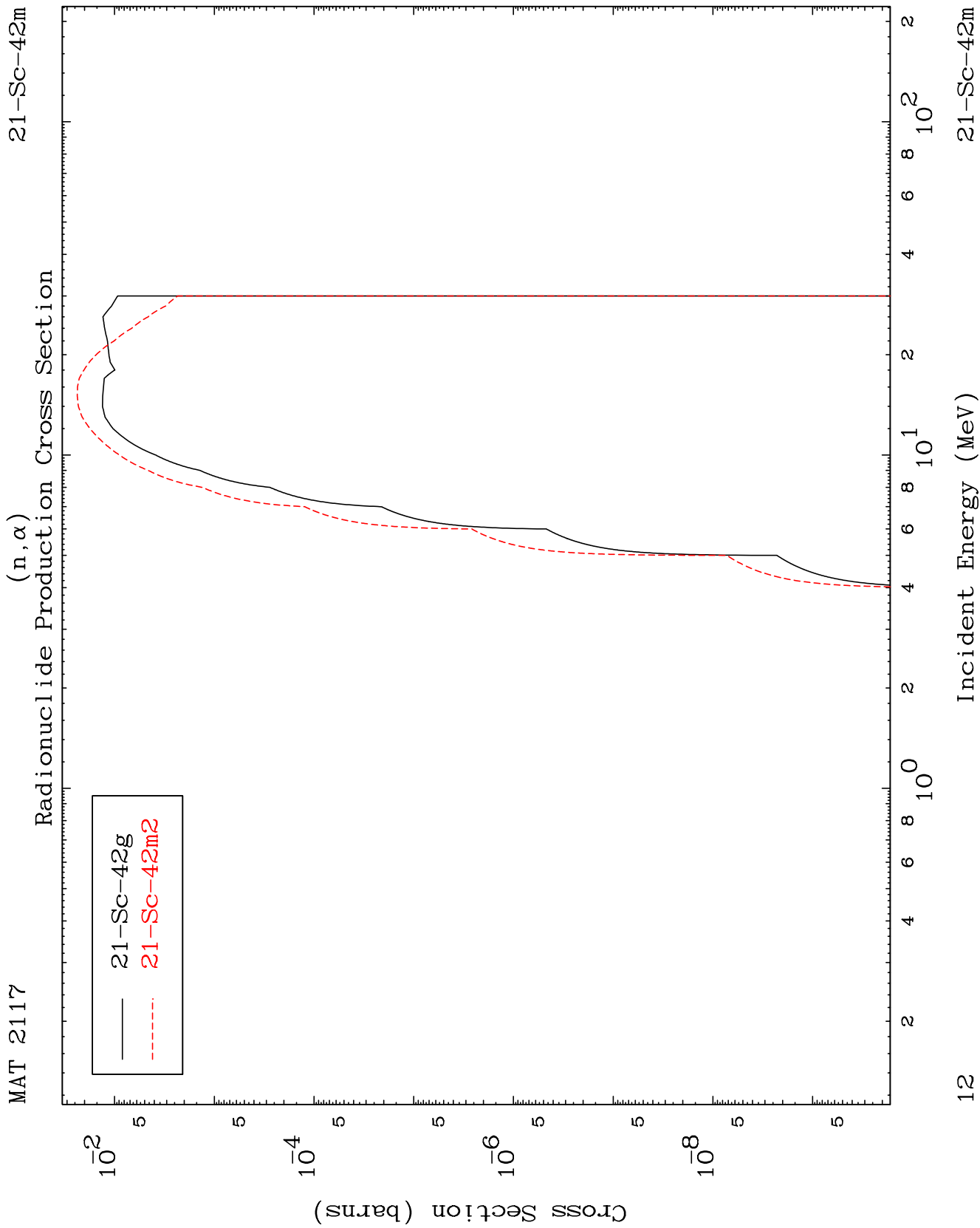


11

Incident Energy (MeV)

21-Sc-42m

MAT 2117

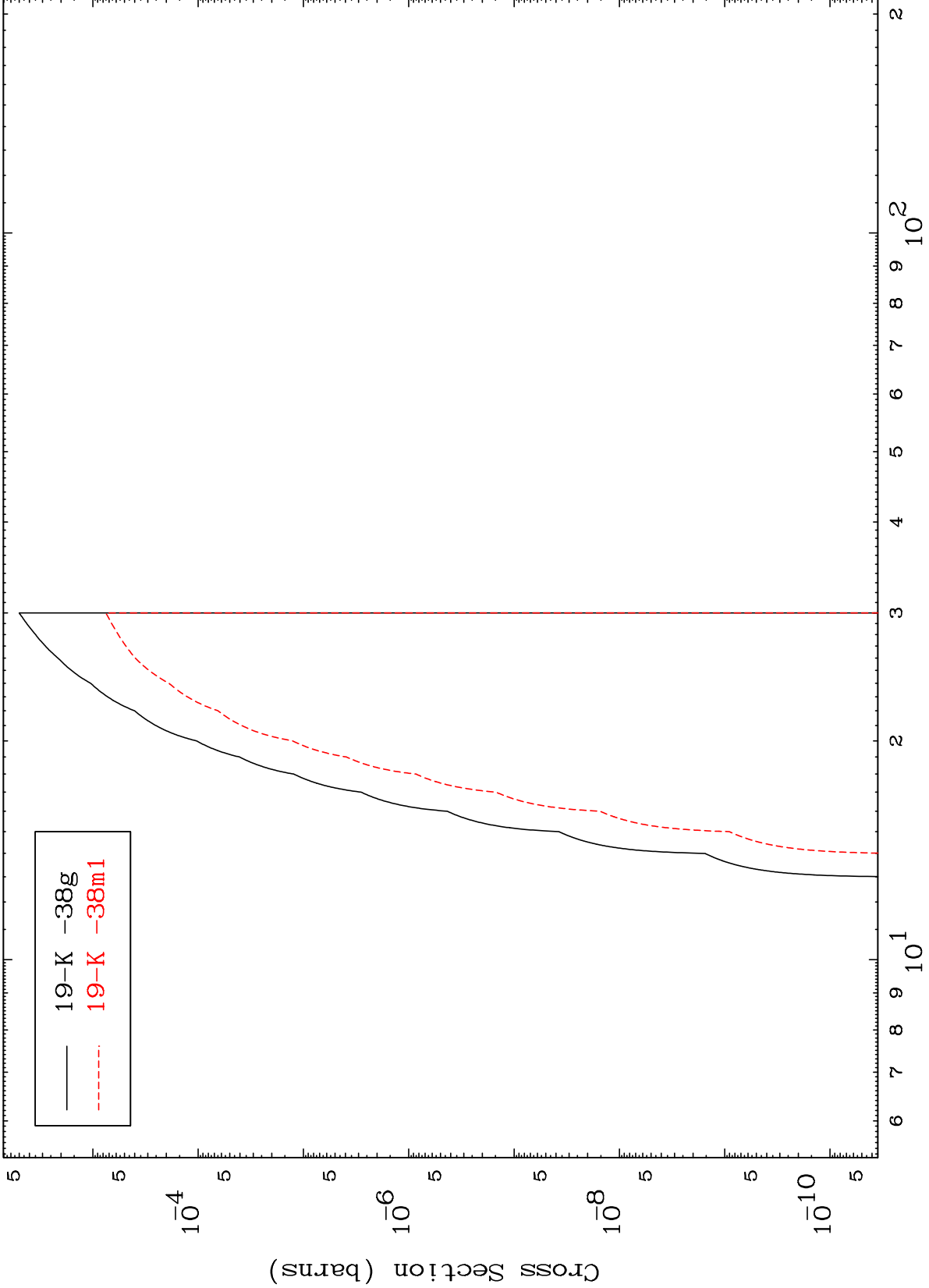


MAT 2117

(n,2α)

21-Sc-42m

Radionuclide Production Cross Section



19-K -38g  
19-K -38m1

13

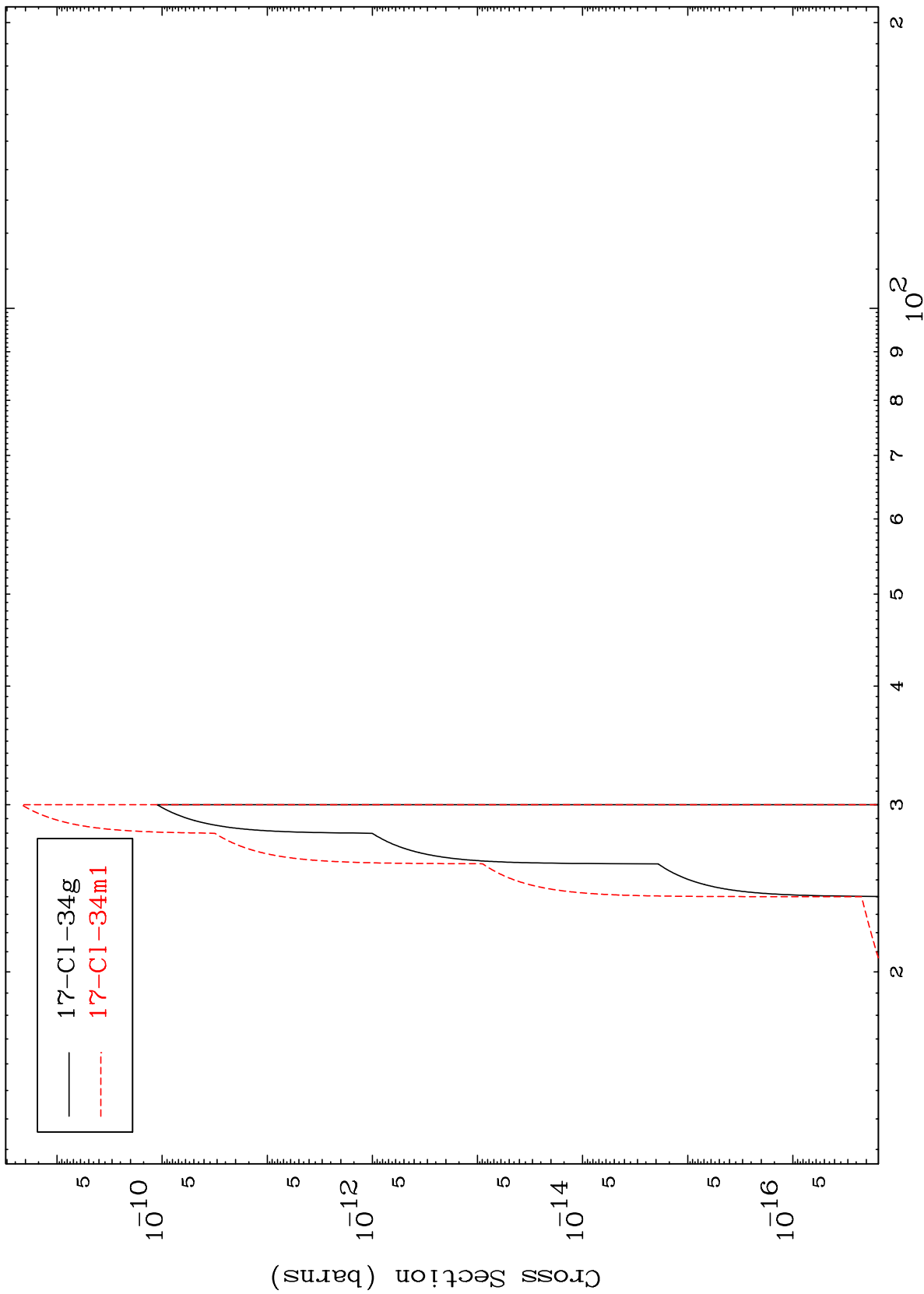
Incident Energy (MeV)

21-Sc-42m

MAT 2117

21-Sc-42m

(n,3 $\alpha$ )  
Radionuclide Production Cross Section



14

21-Sc-42m

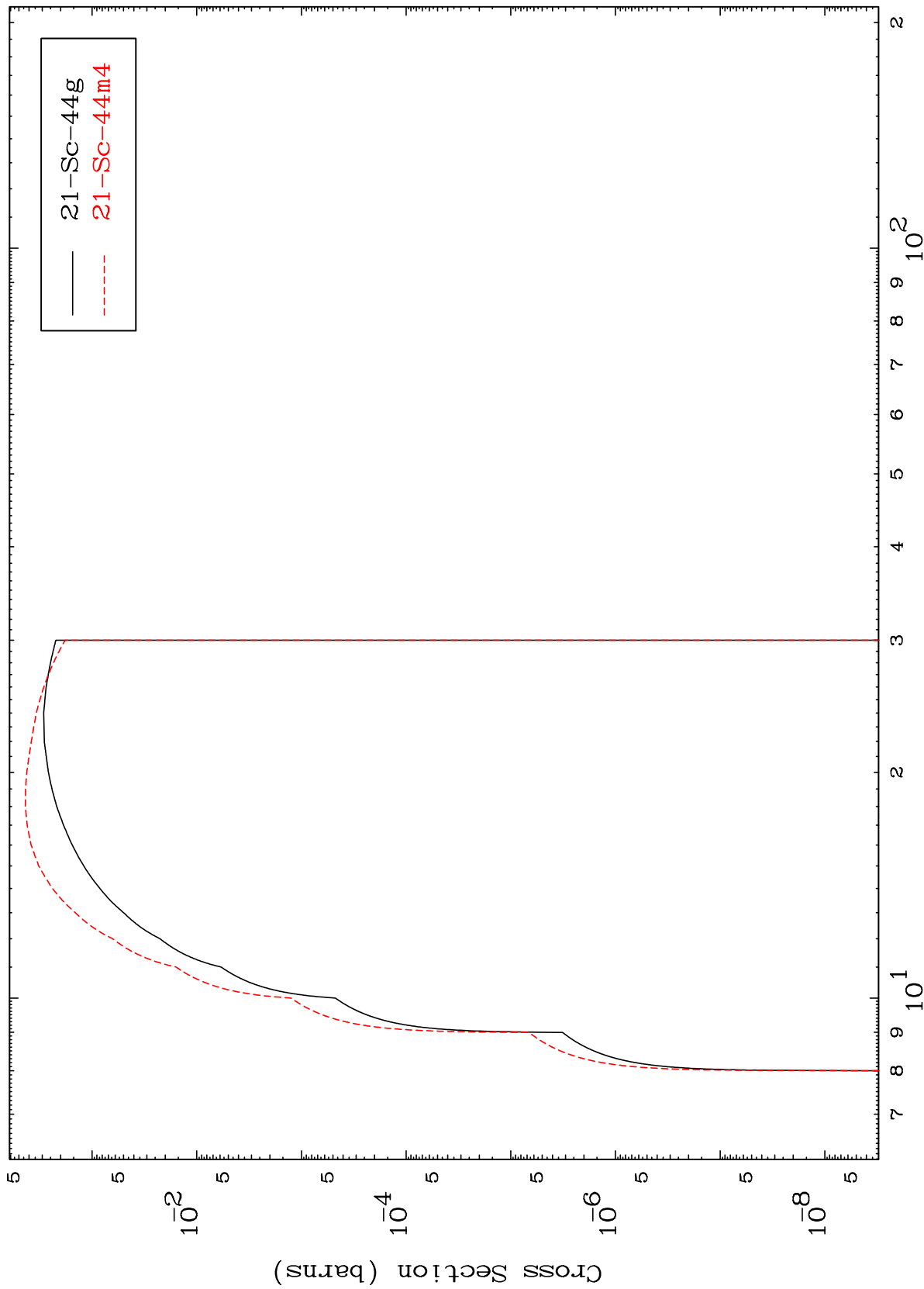
Incident Energy (MeV)

MAT 2117

21-Sc-42m

(n,2p)

Radionuclide Production Cross Section



15

Incident Energy (MeV)

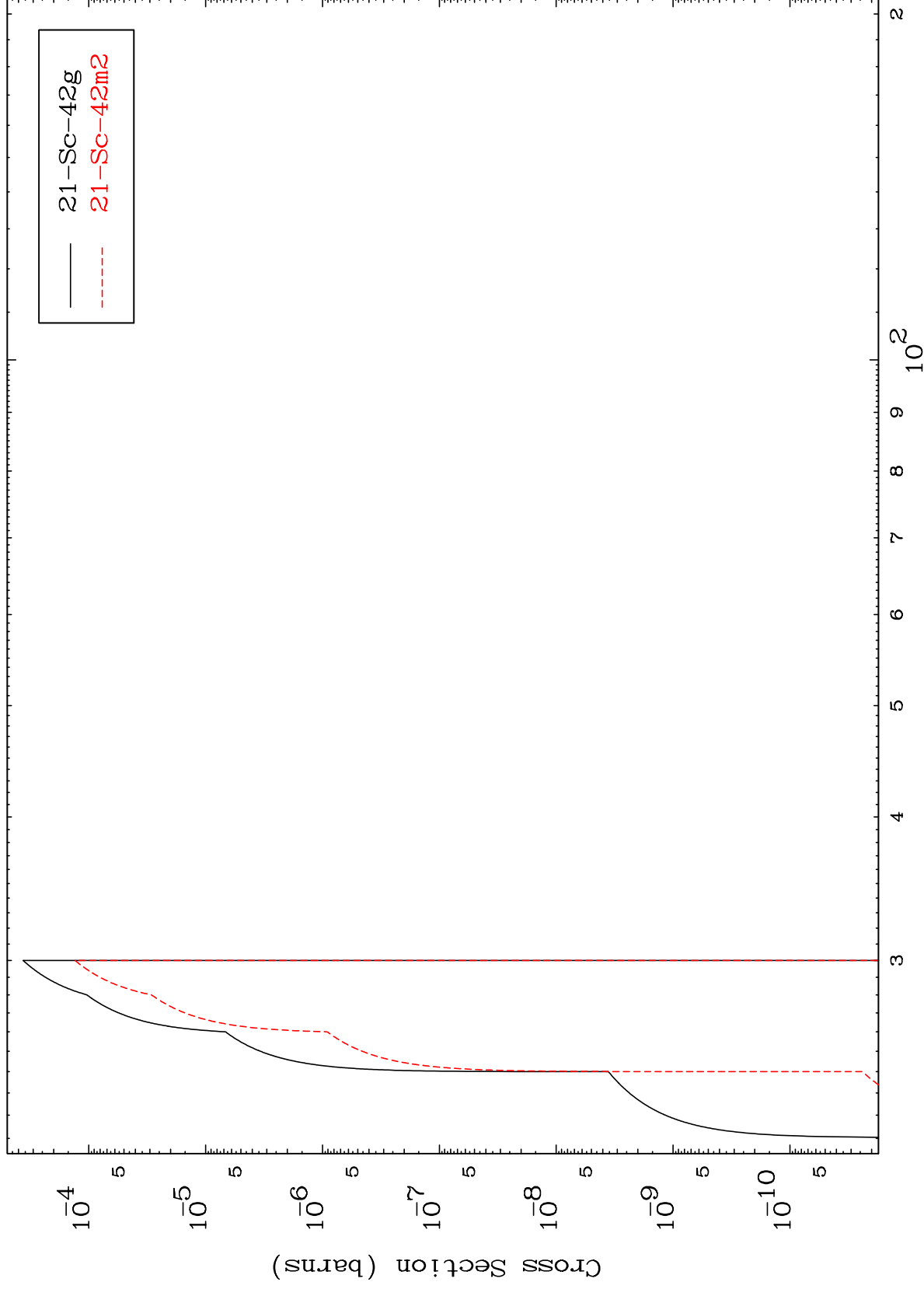
21-Sc-42m

MAT 2117

(n,p) t

21-Sc-42m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

21-Sc-42m