

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

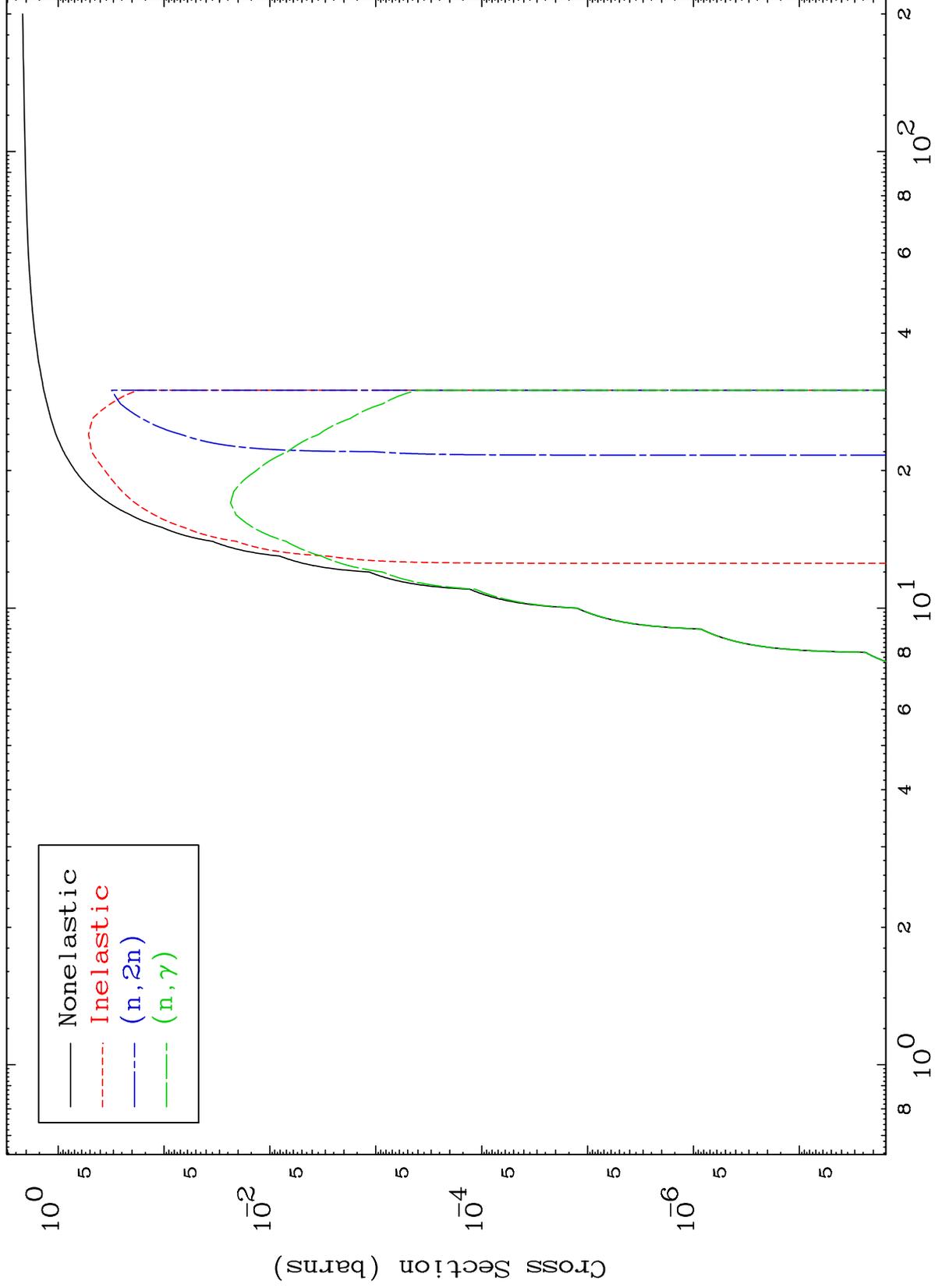
Press Mouse Button to Start

MAT 5213

0 Kelvin

$\alpha$  Major Cross Sections

52-Te-116



1

Incident Energy (MeV)

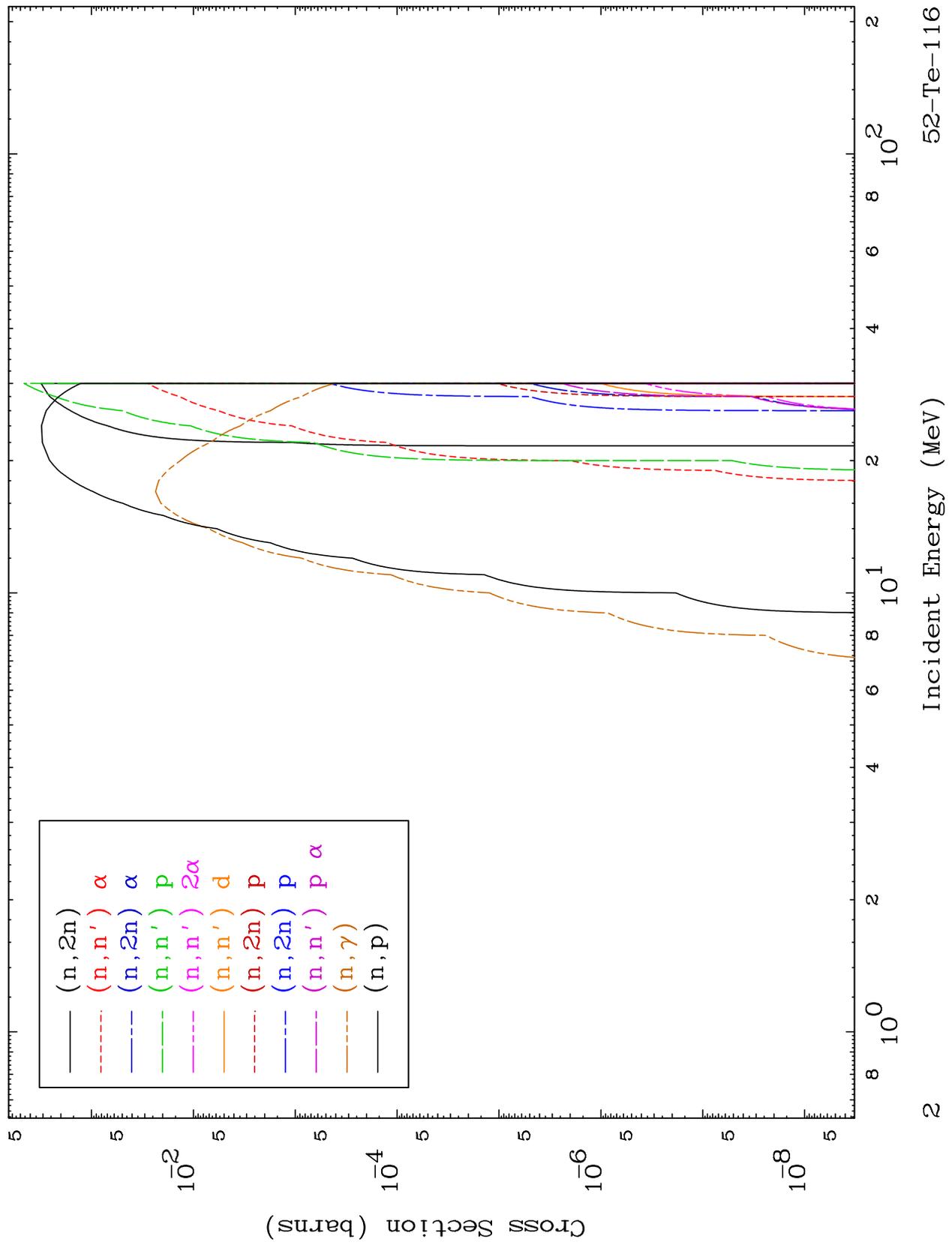
52-Te-116

MAT 5213

$\alpha$  Neutron Absorption

52-Te-116

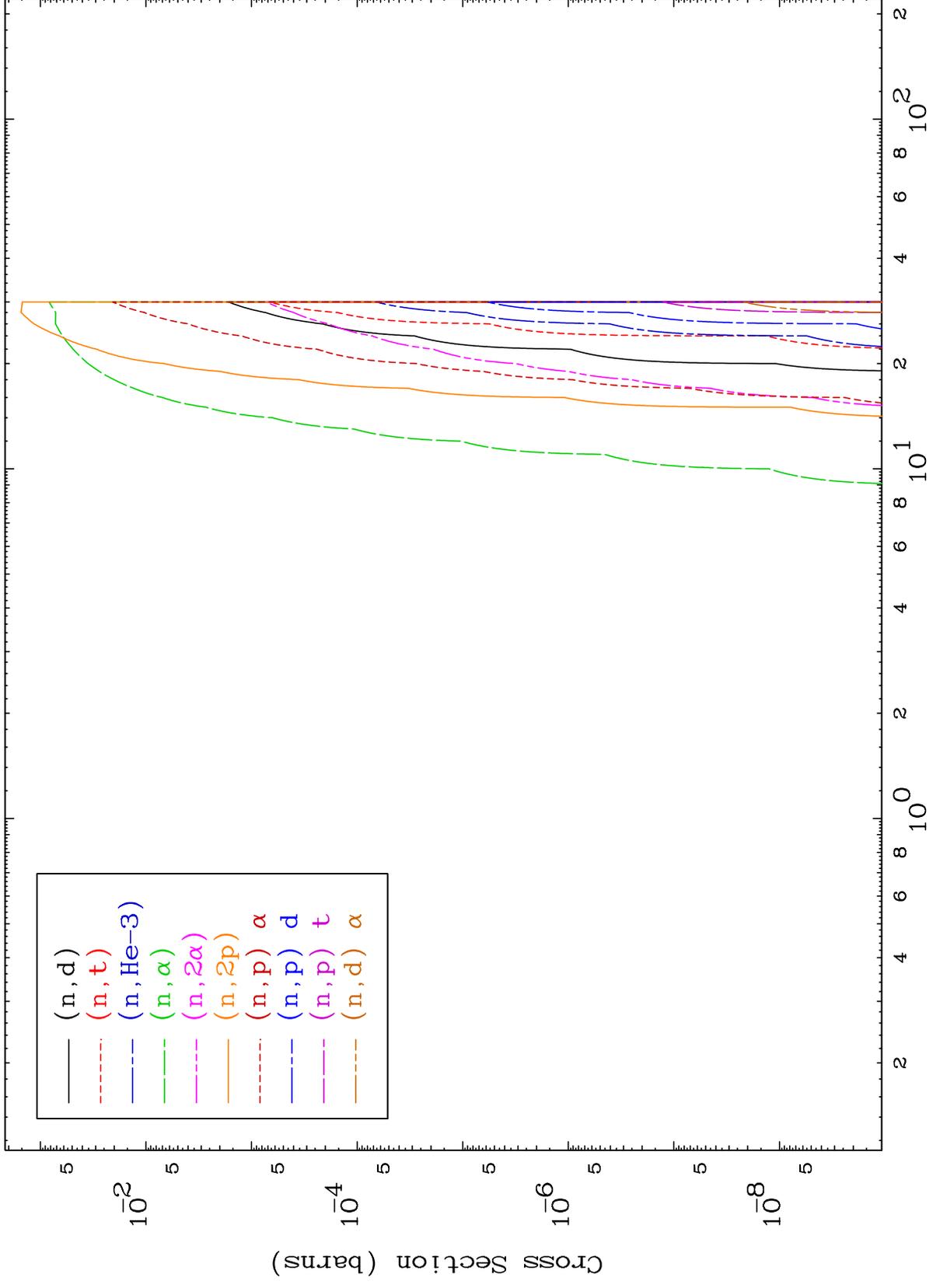
0 Kelvin Cross Sections

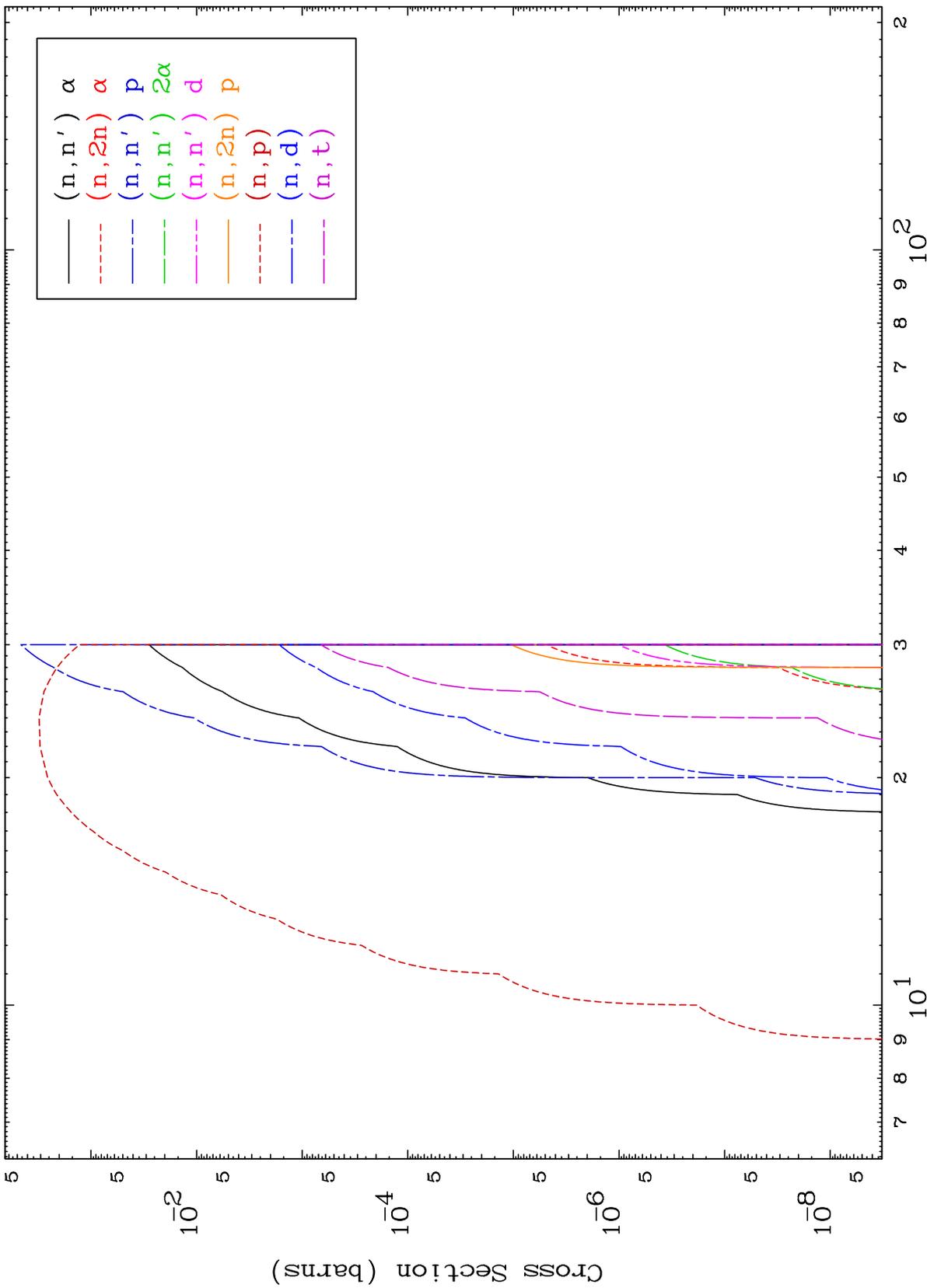


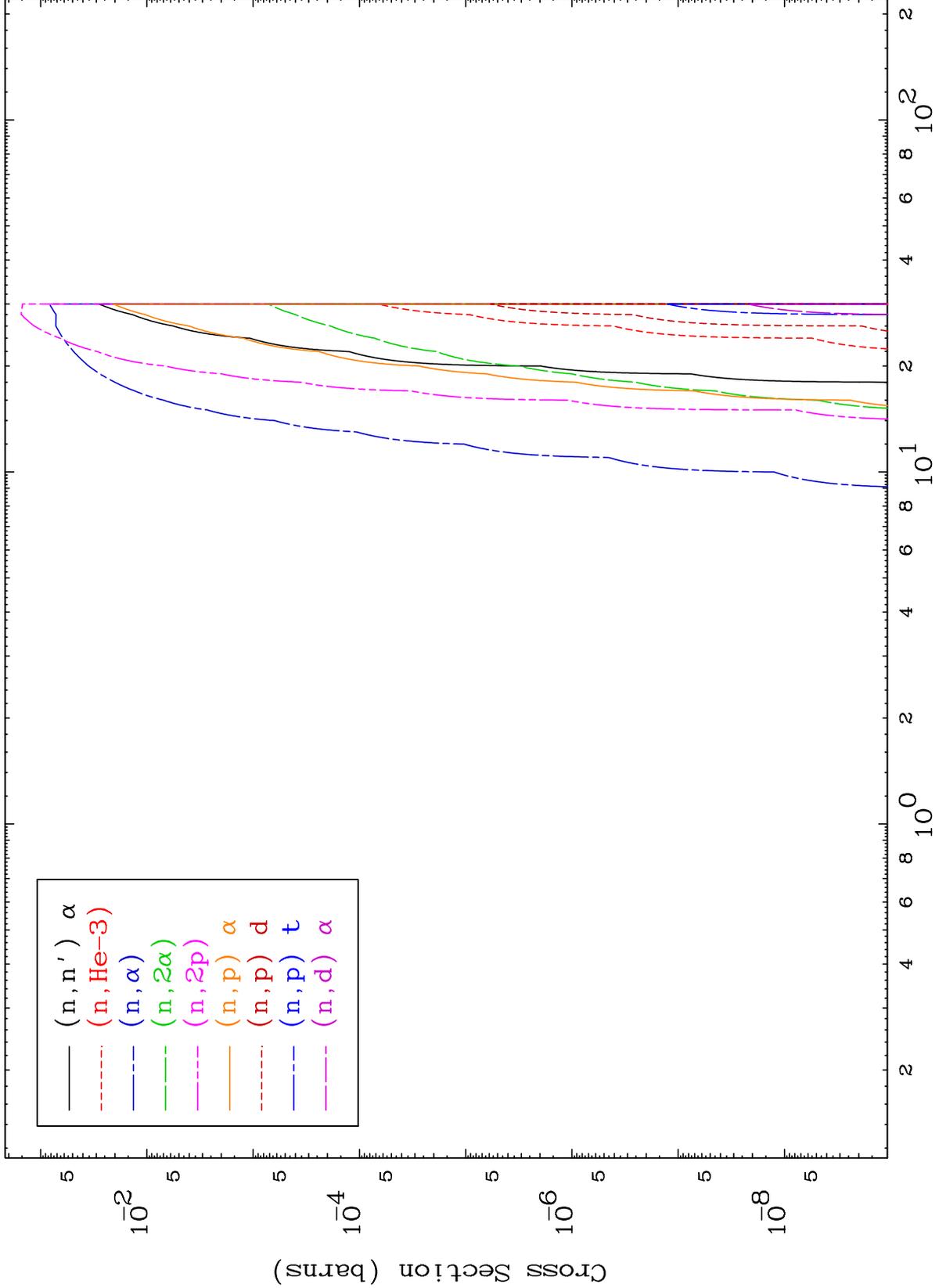
MAT 5213

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

52-Te-116



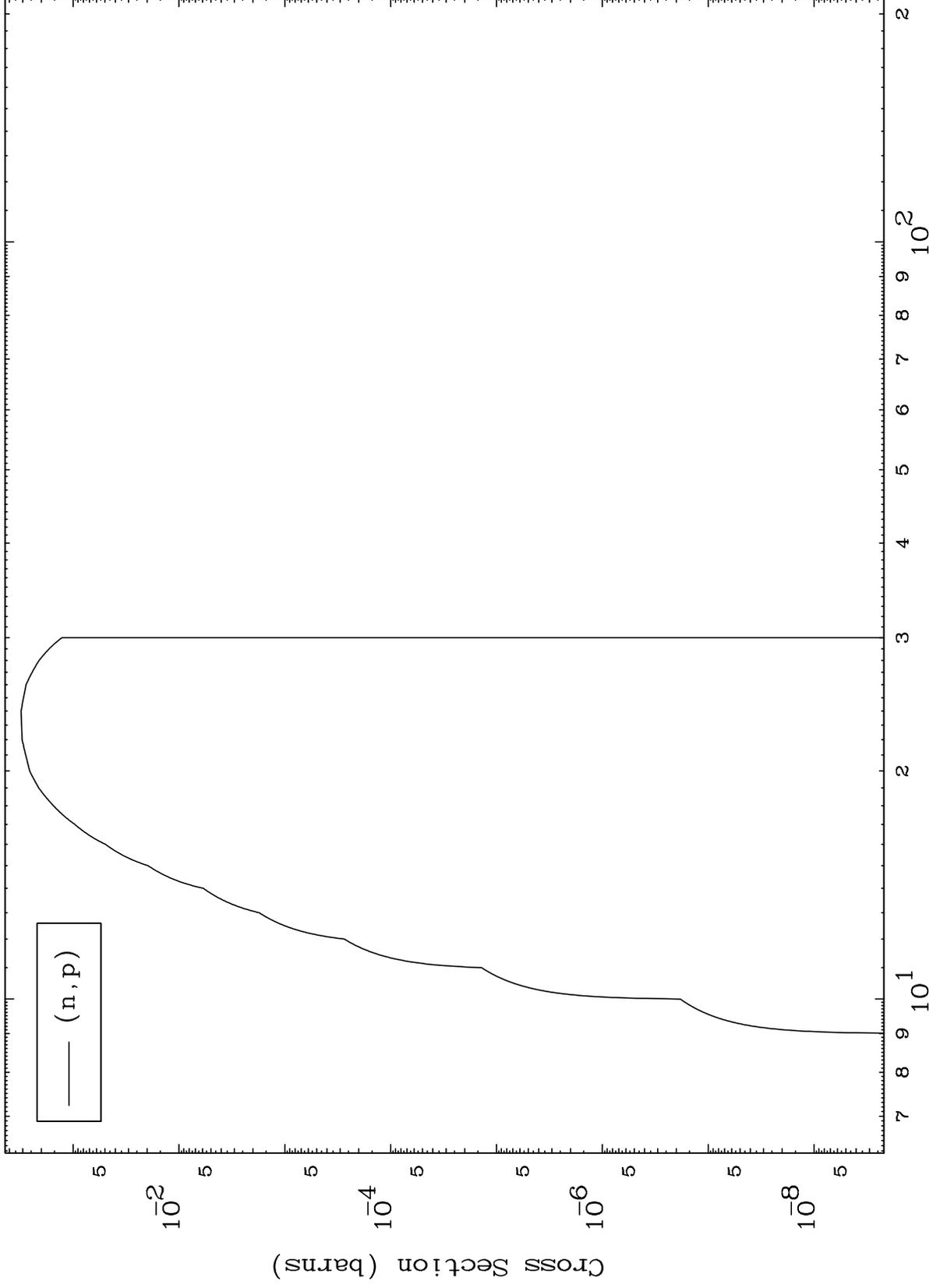




MAT 5213

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

52-Te-116



6

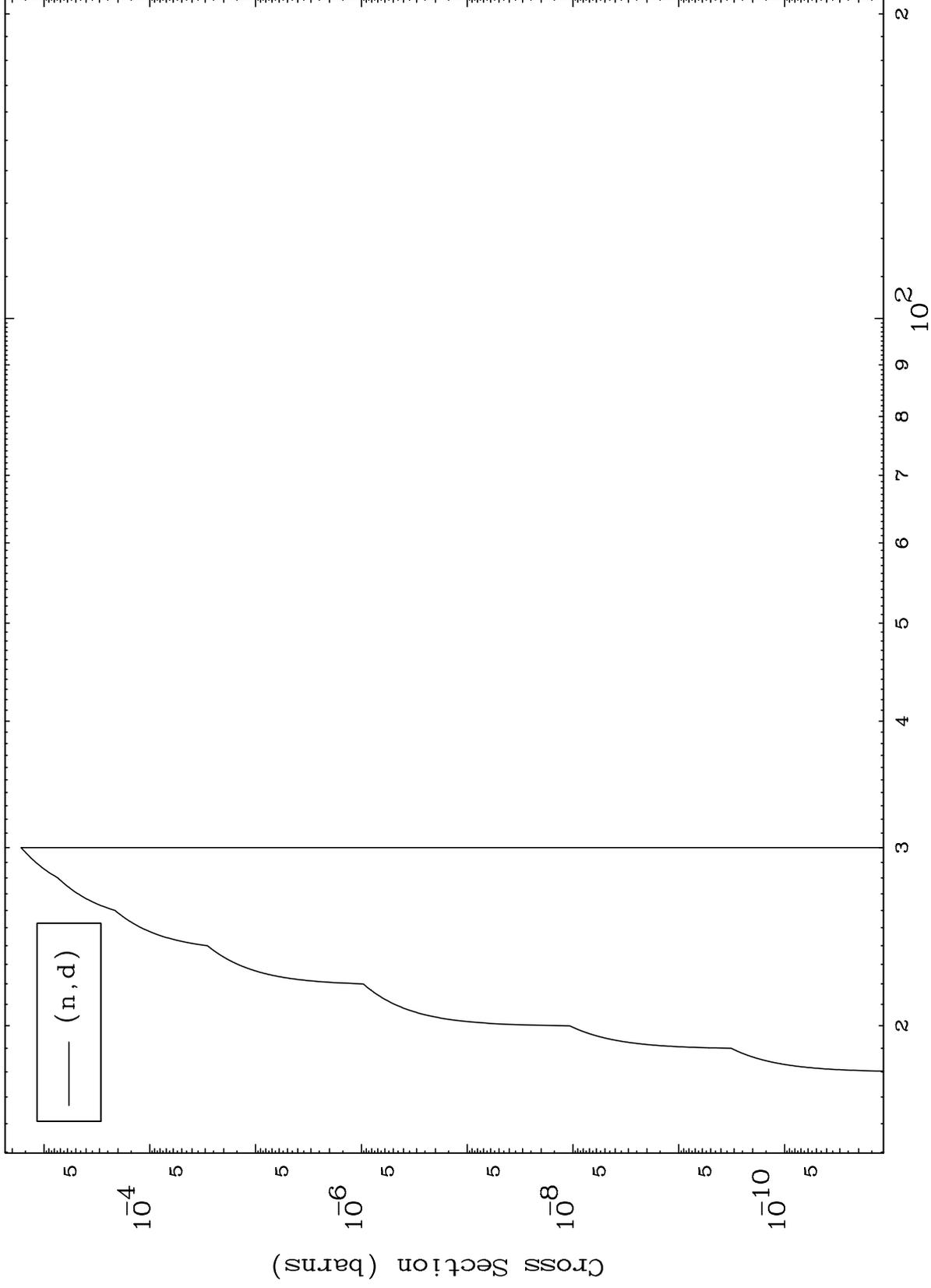
Incident Energy (MeV)

52-Te-116

MAT 5213

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

52-Te-116



7

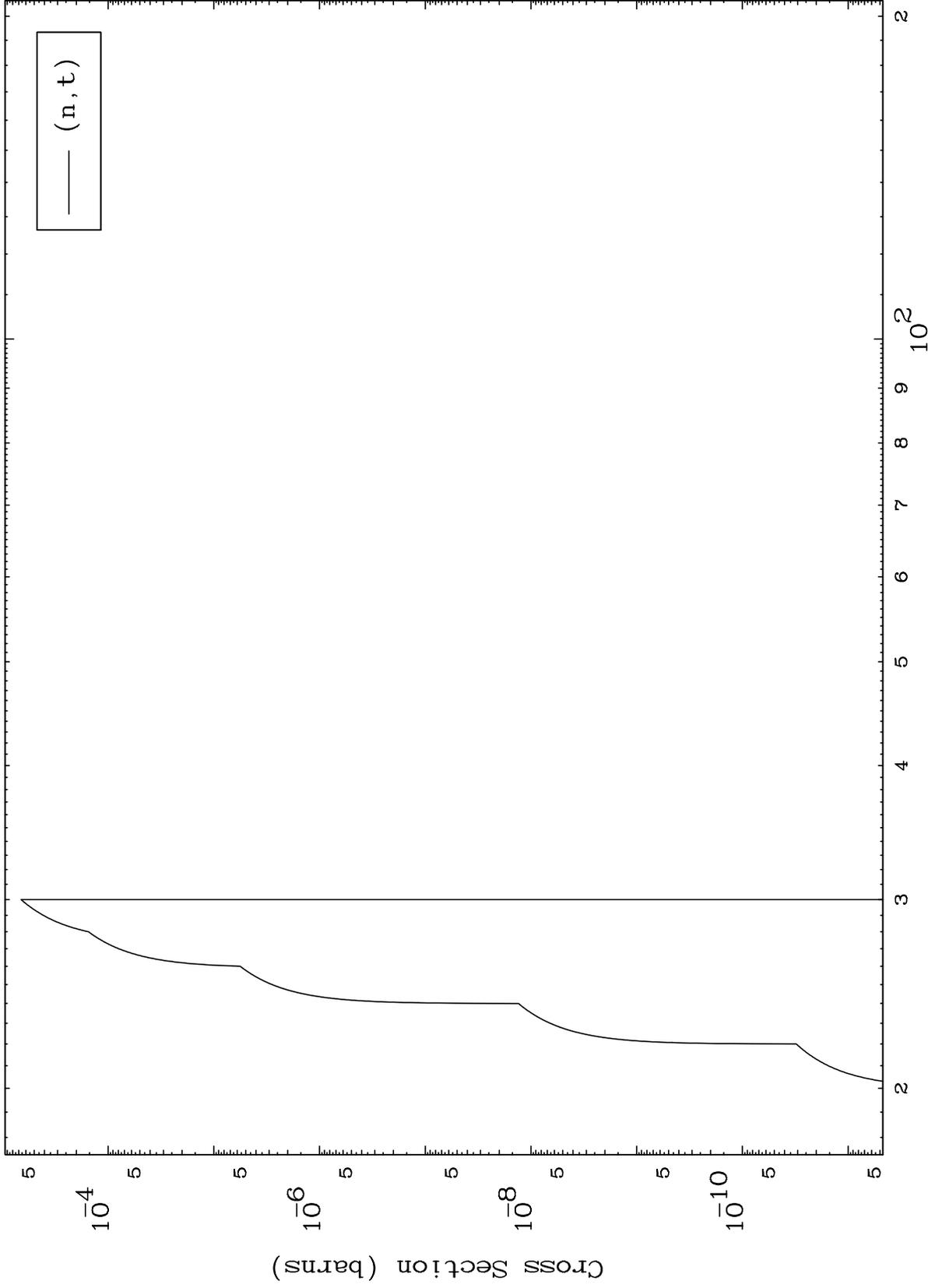
Incident Energy (MeV)

52-Te-116

MAT 5213

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

52-Te-116



8

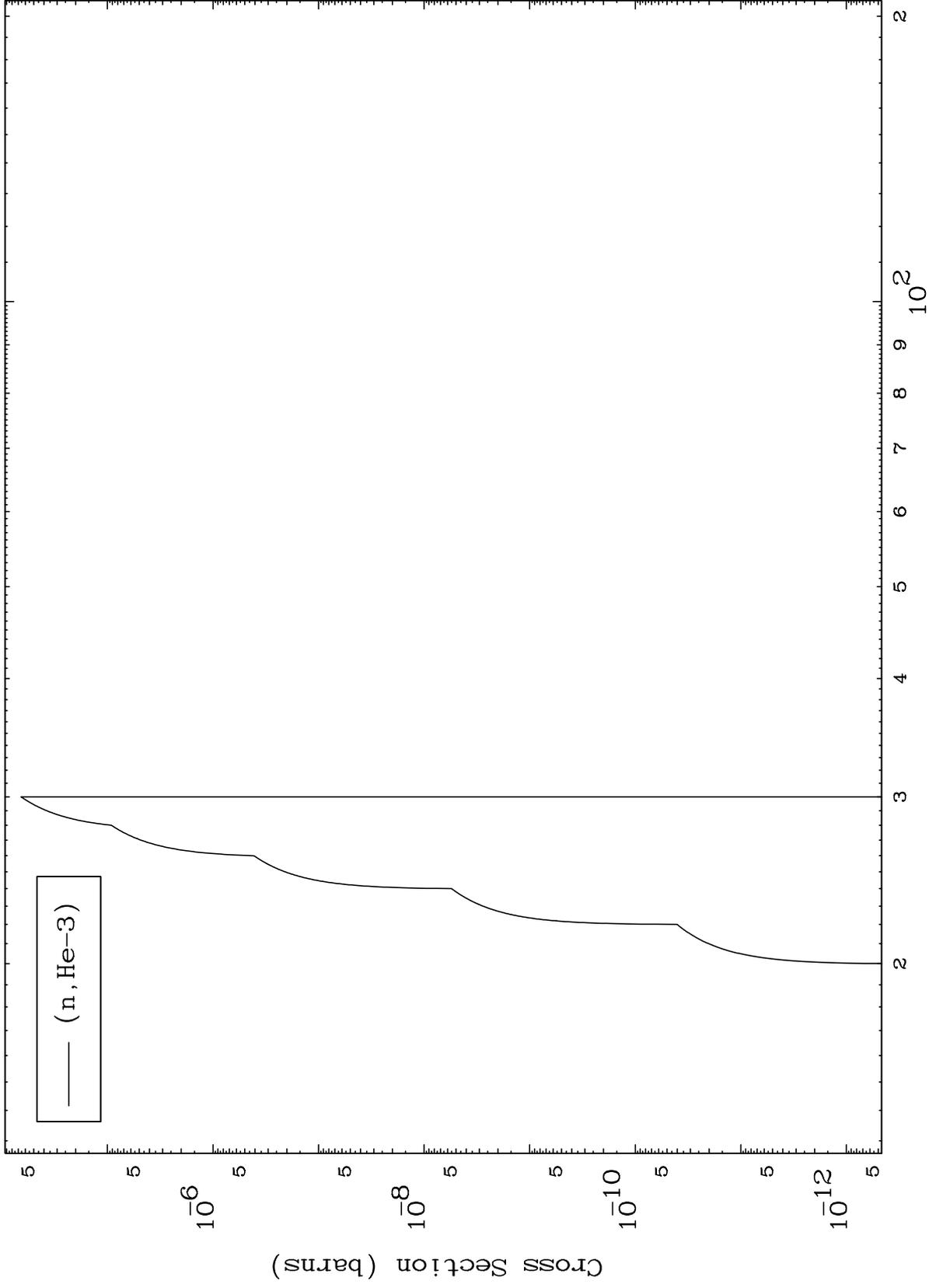
Incident Energy (MeV)

52-Te-116

MAT 5213

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

52-Te-116

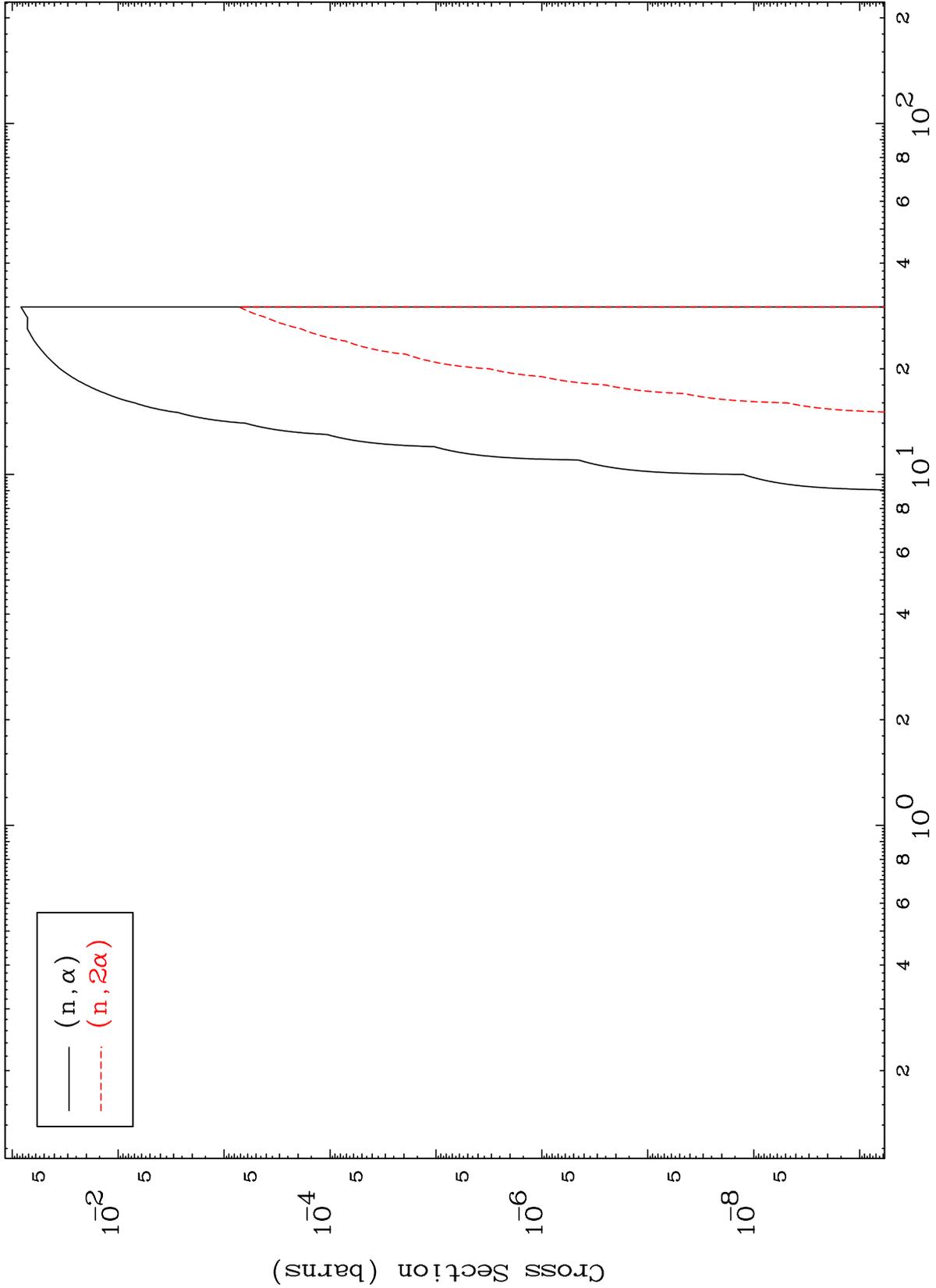


MAT 5213

( $\alpha, \alpha$ ) Levels

52-Te-116

0 Kelvin Cross Sections



10

Incident Energy (MeV)

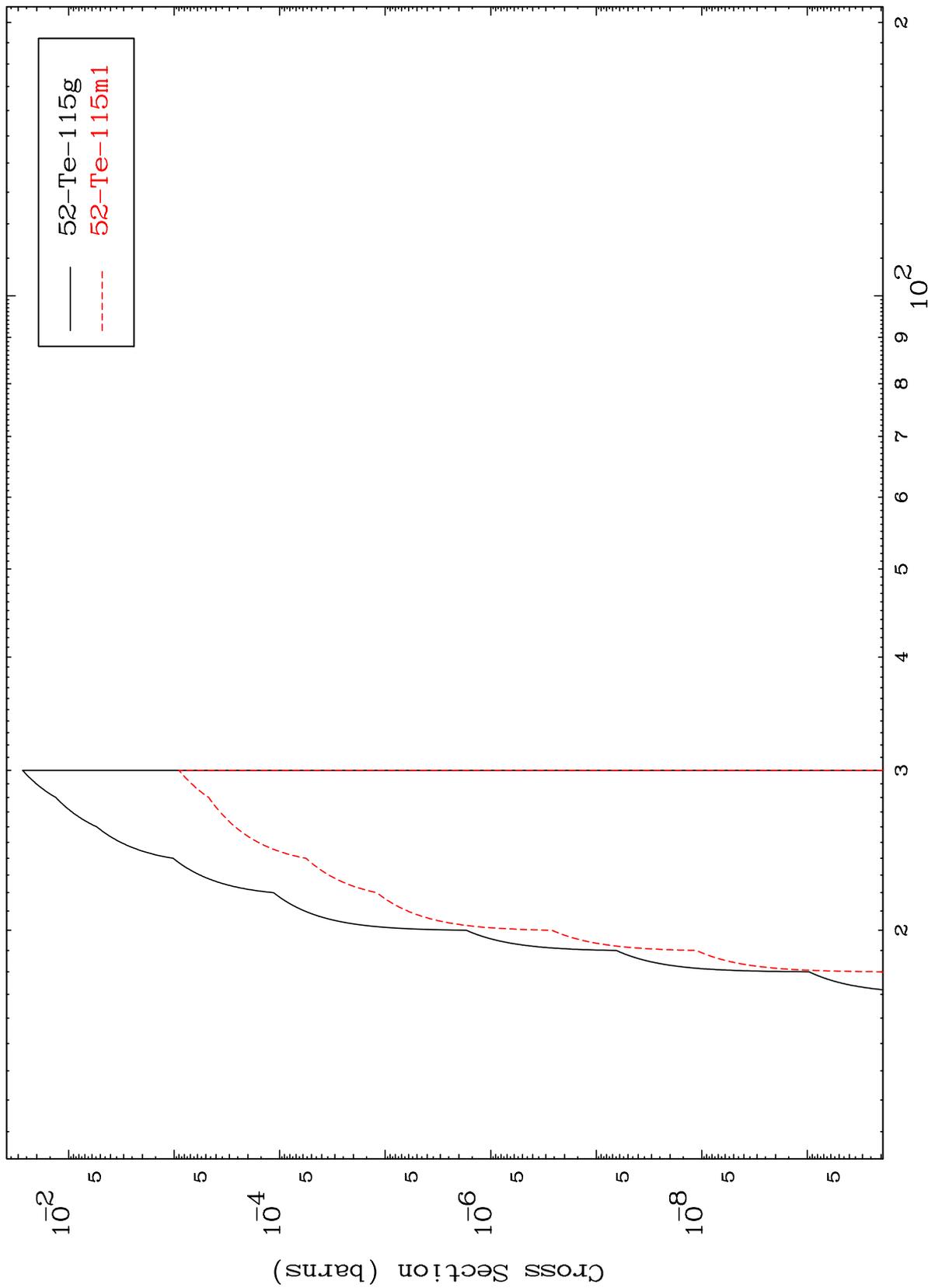
52-Te-116

MAT 5213

52-Te-116

$(n, n') \alpha$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

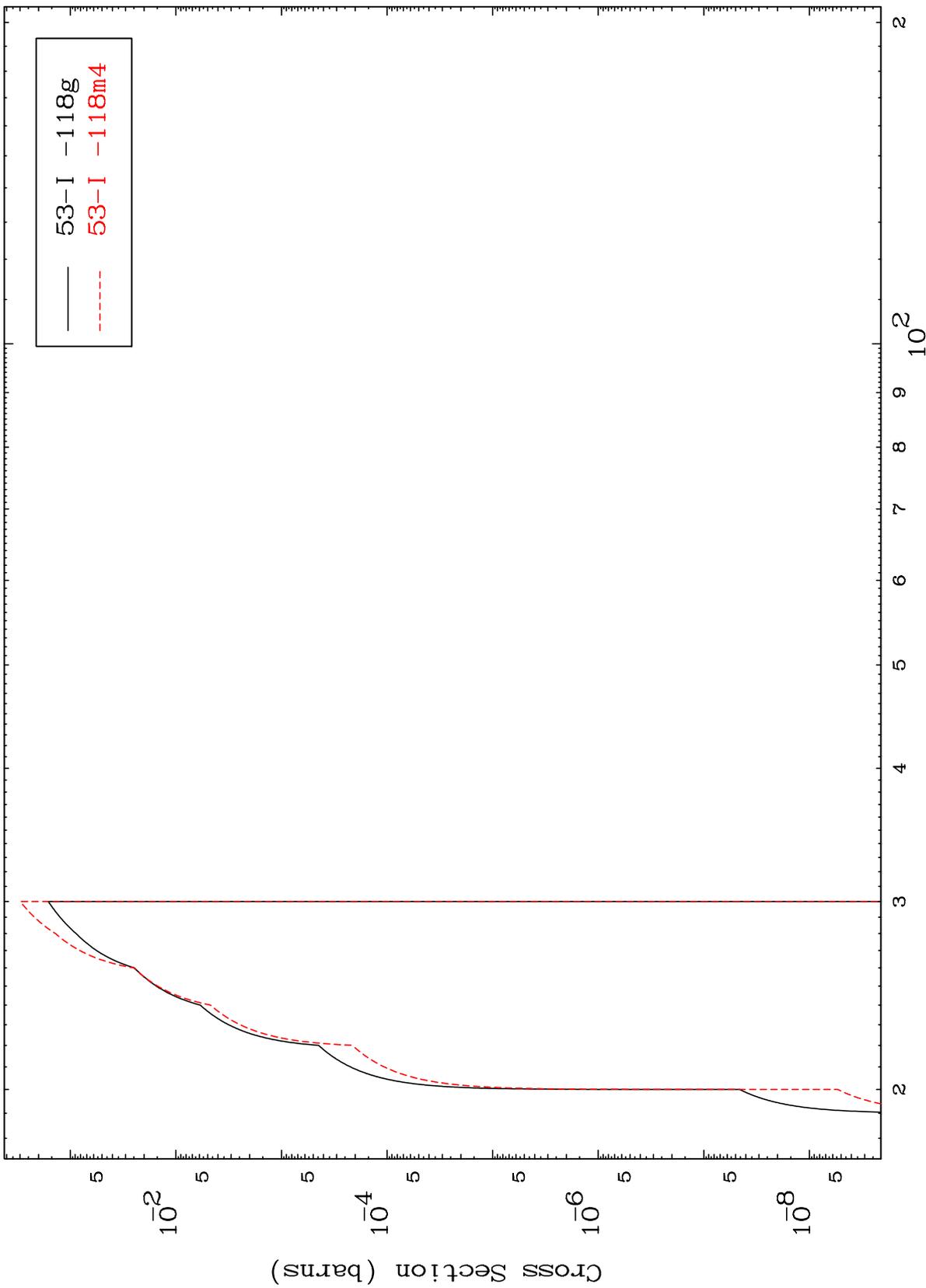
52-Te-116

MAT 5213

(n,n') p

52-Te-116

Radionuclide Production Cross Section



12

Incident Energy (MeV)

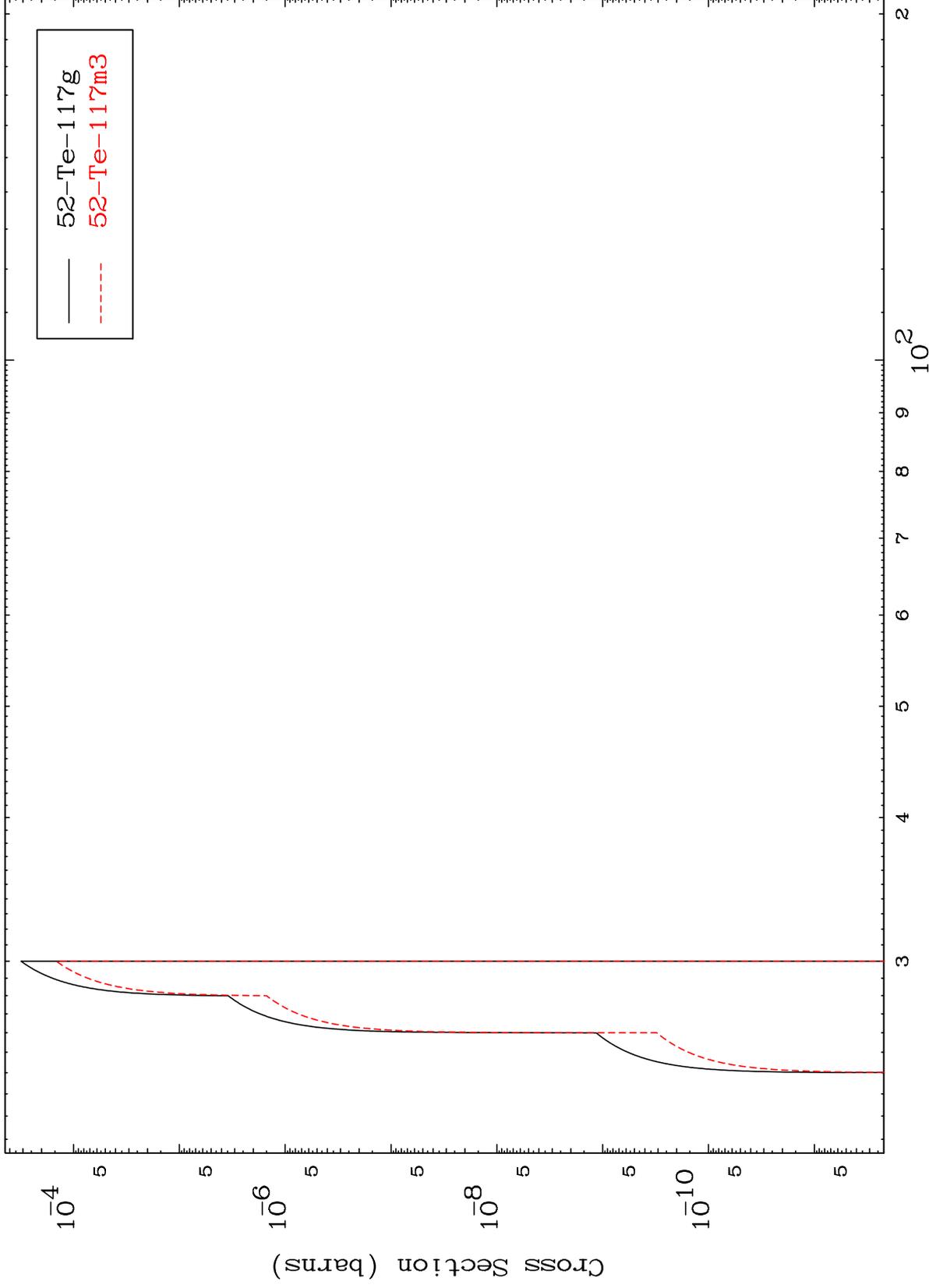
52-Te-116

MAT 5213

(n,2n) p

52-Te-116

Radionuclide Production Cross Section



13

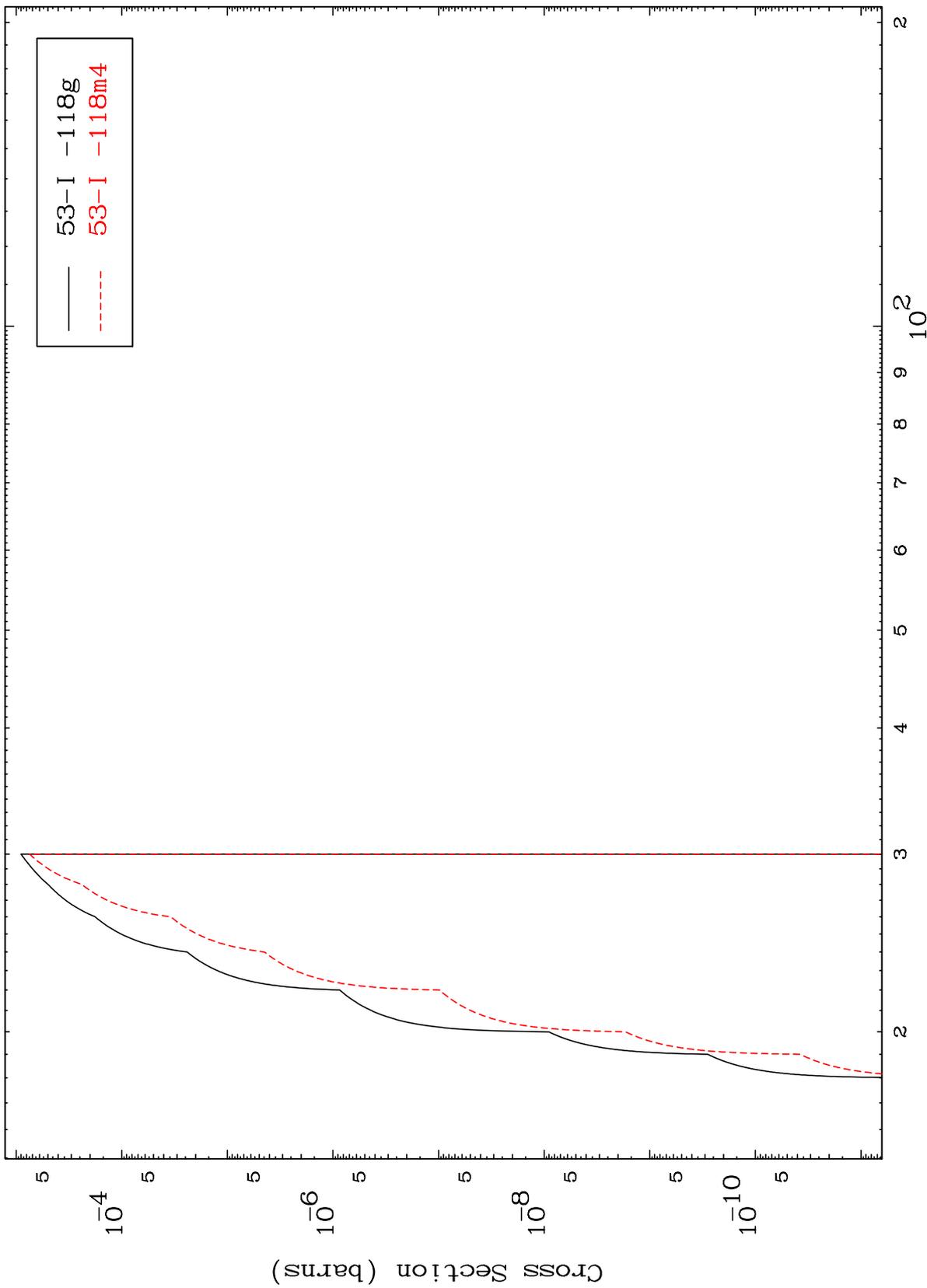
Incident Energy (MeV)

52-Te-116

MAT 5213

52-Te-116

(n,d)  
Radionuclide Production Cross Section



53-I -118g  
53-I -118m4

14

52-Te-116

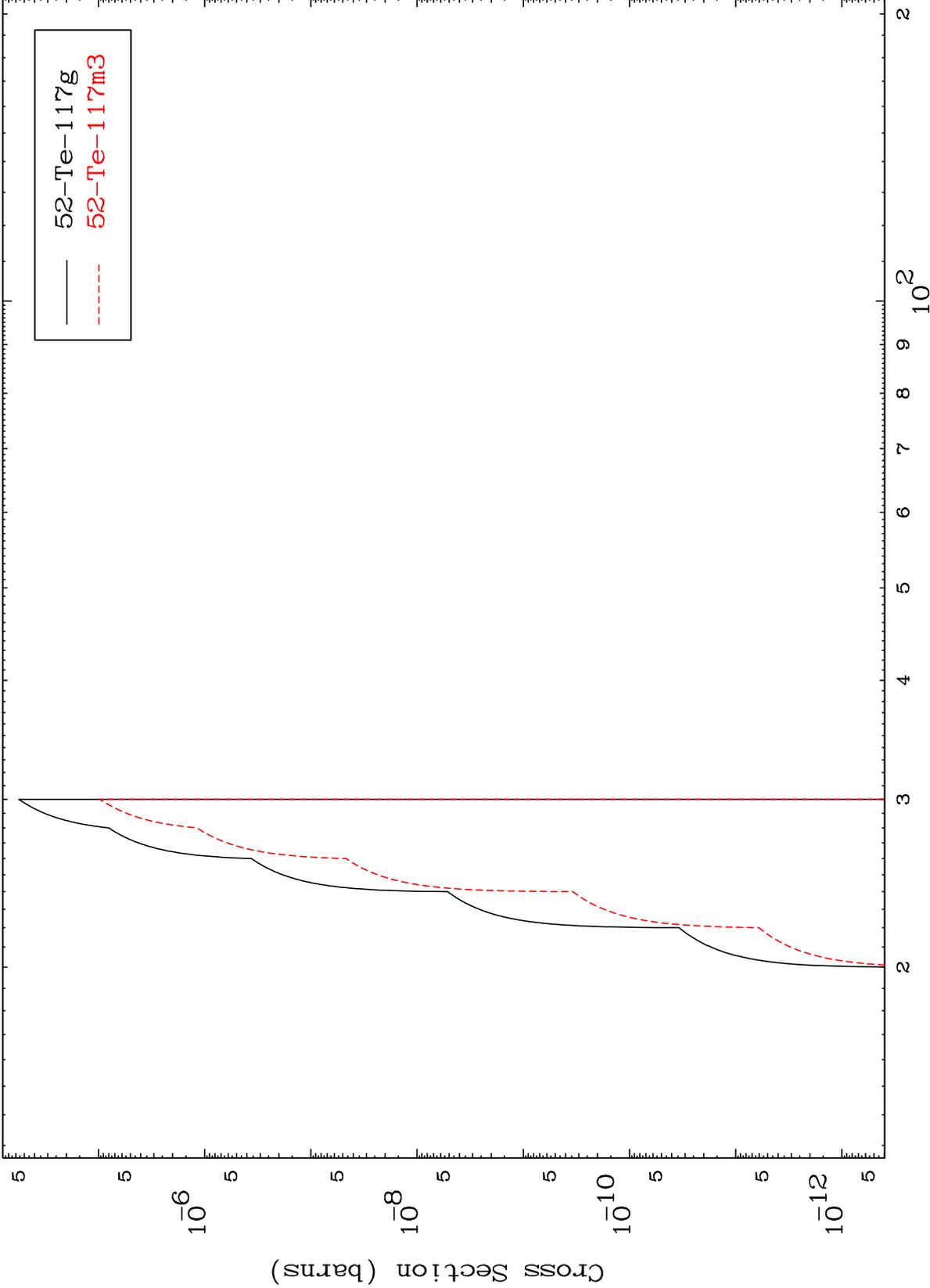
Incident Energy (MeV)

MAT 5213

(n,He-3)

52-Te-116

Radionuclide Production Cross Section



15

Incident Energy (MeV)

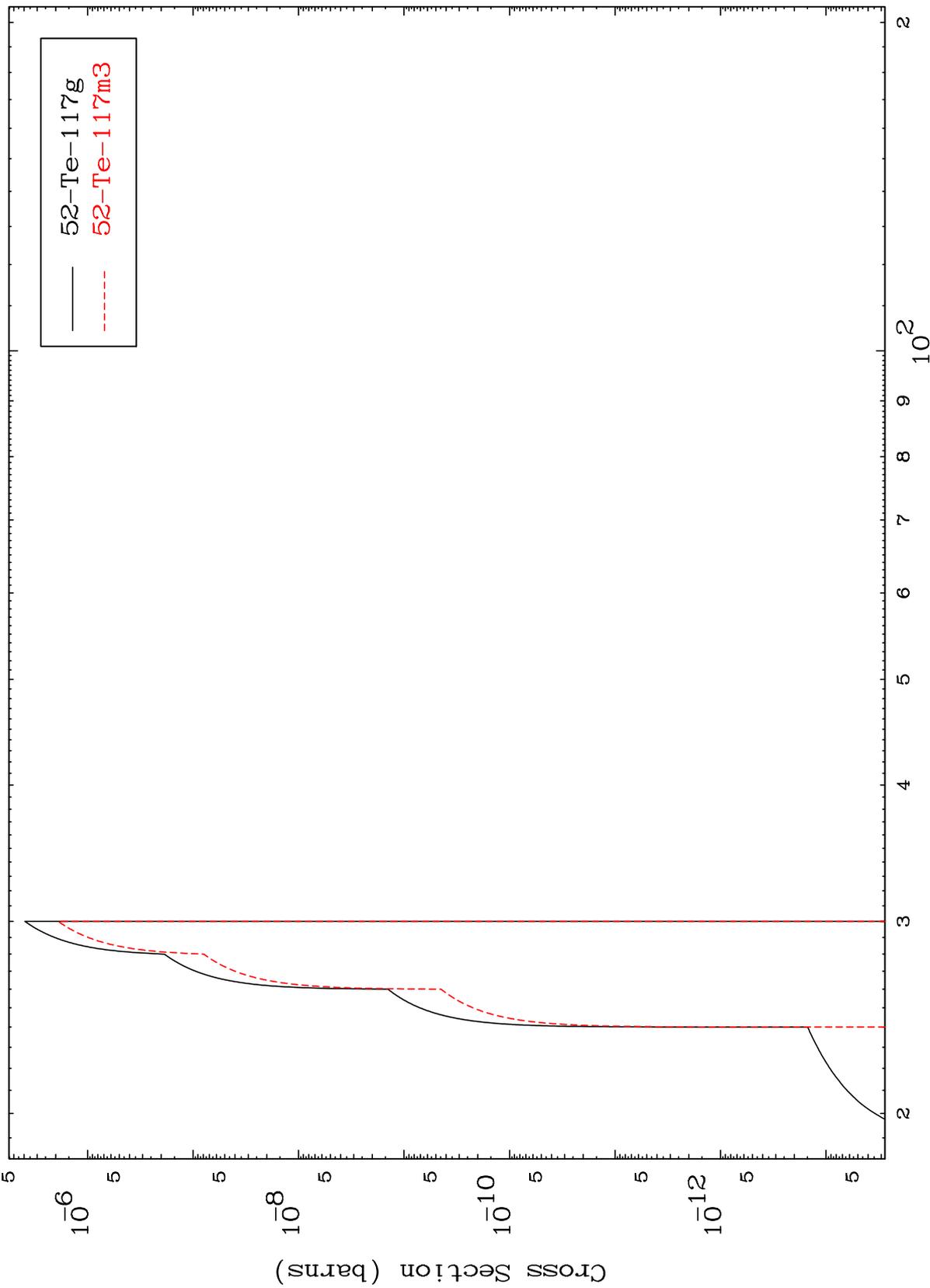
52-Te-116

MAT 5213

(n,p) d

52-Te-116

Radionuclide Production Cross Section



16

Incident Energy (MeV)

52-Te-116