

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

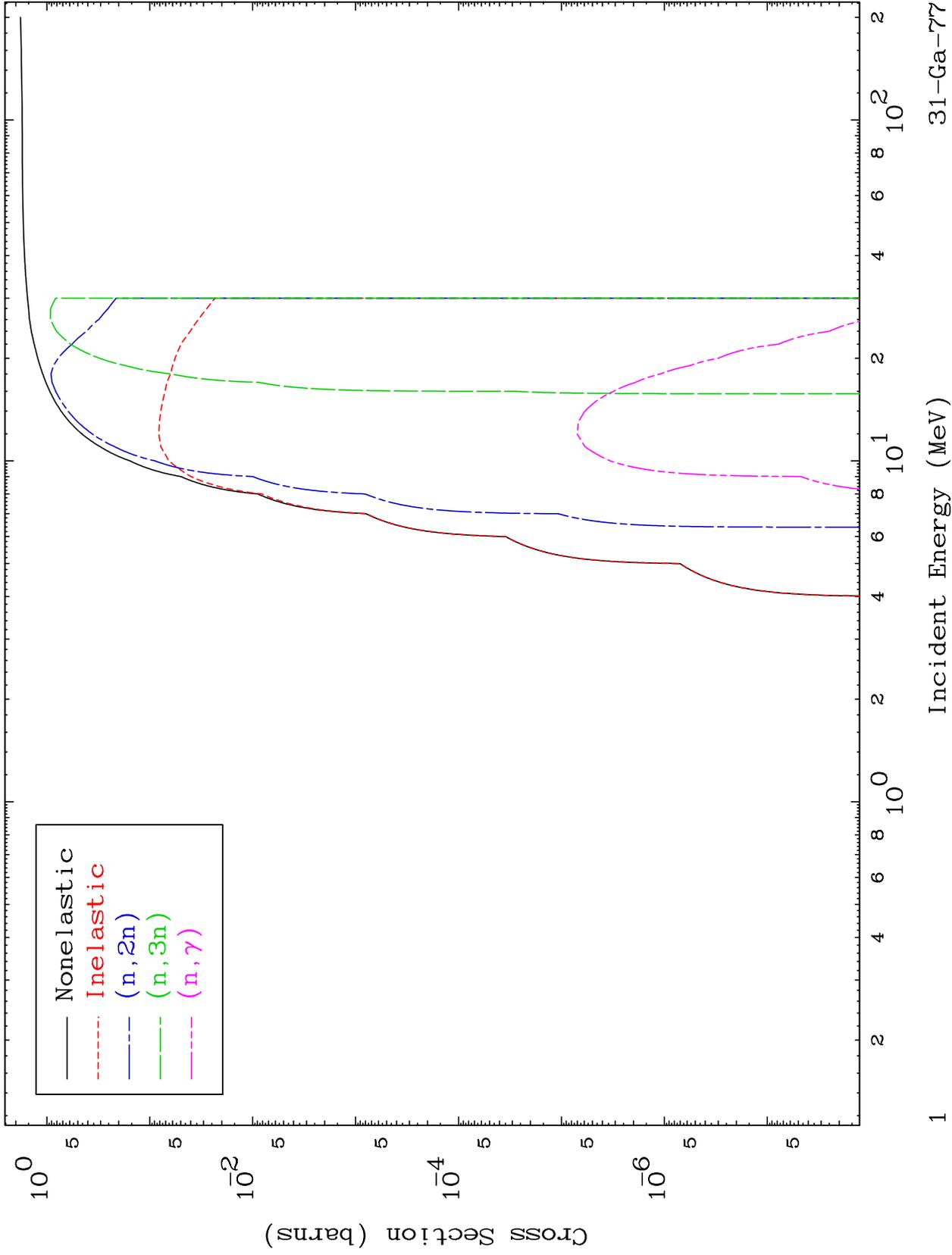
Press Mouse Button to Start

MAT 3149

0 Kelvin

α Major Cross Sections

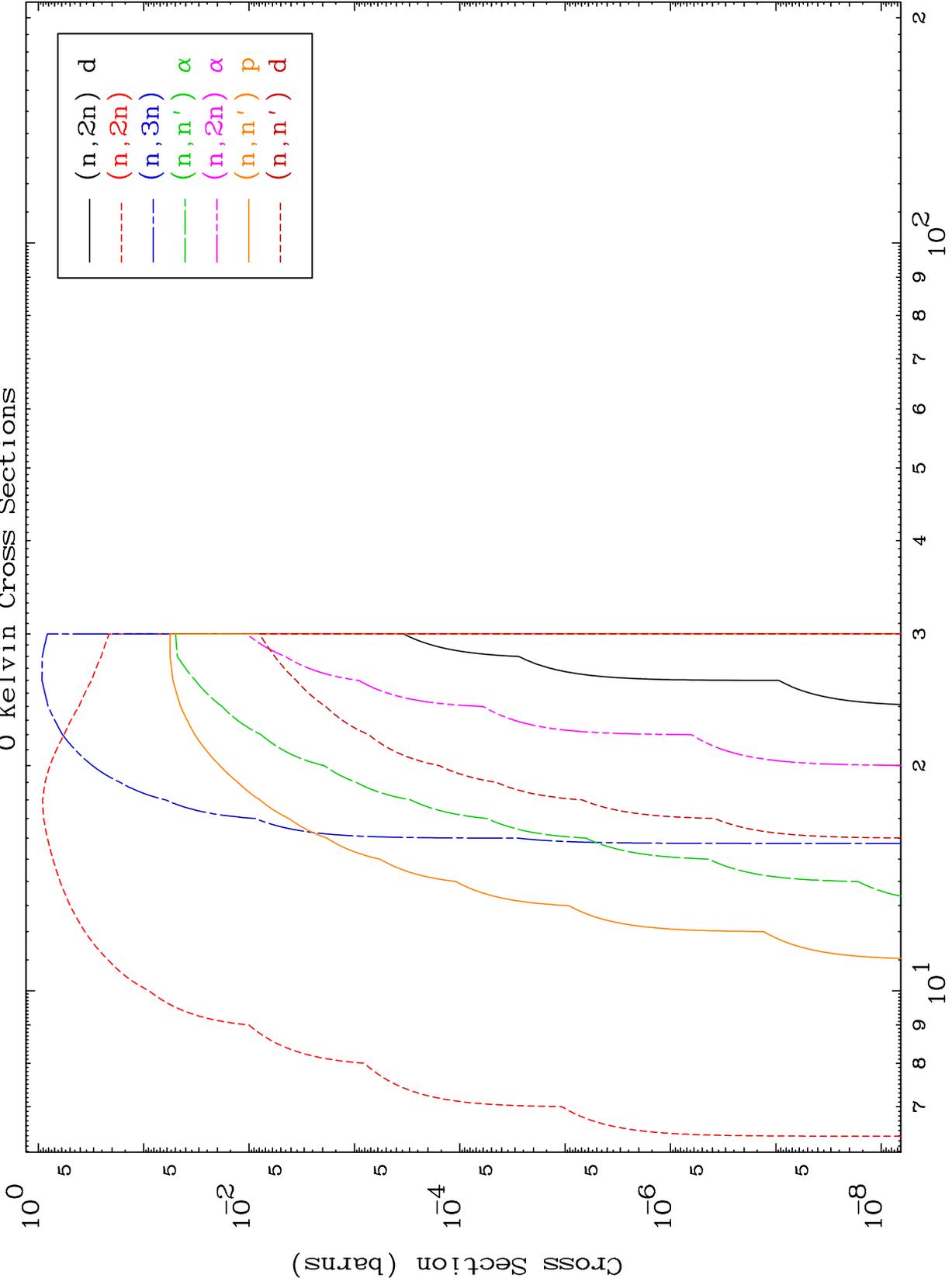
³¹Ga-77



MAT 3149

α Neutron Absorption
0 Kelvin Cross Sections

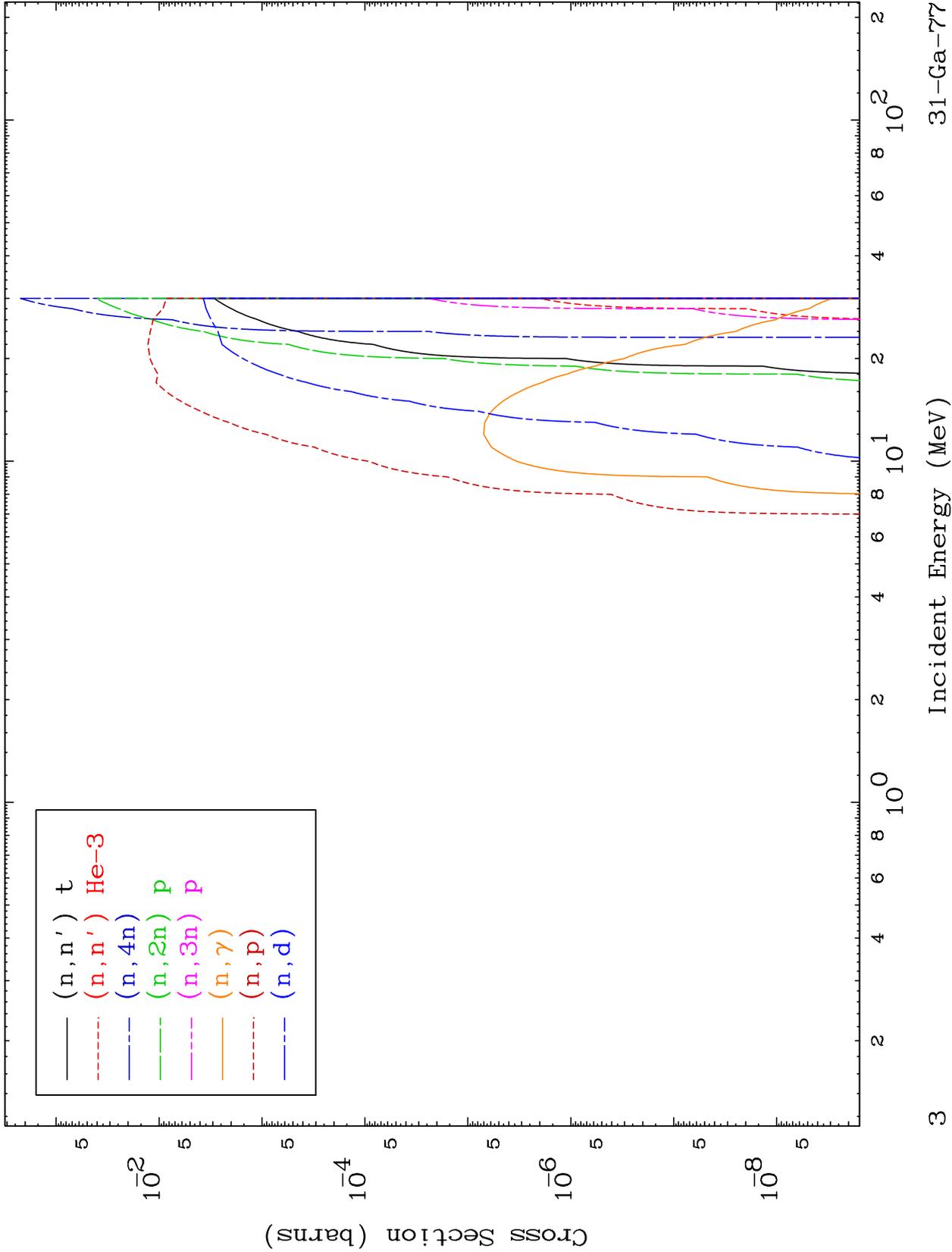
^{31}Ga -77

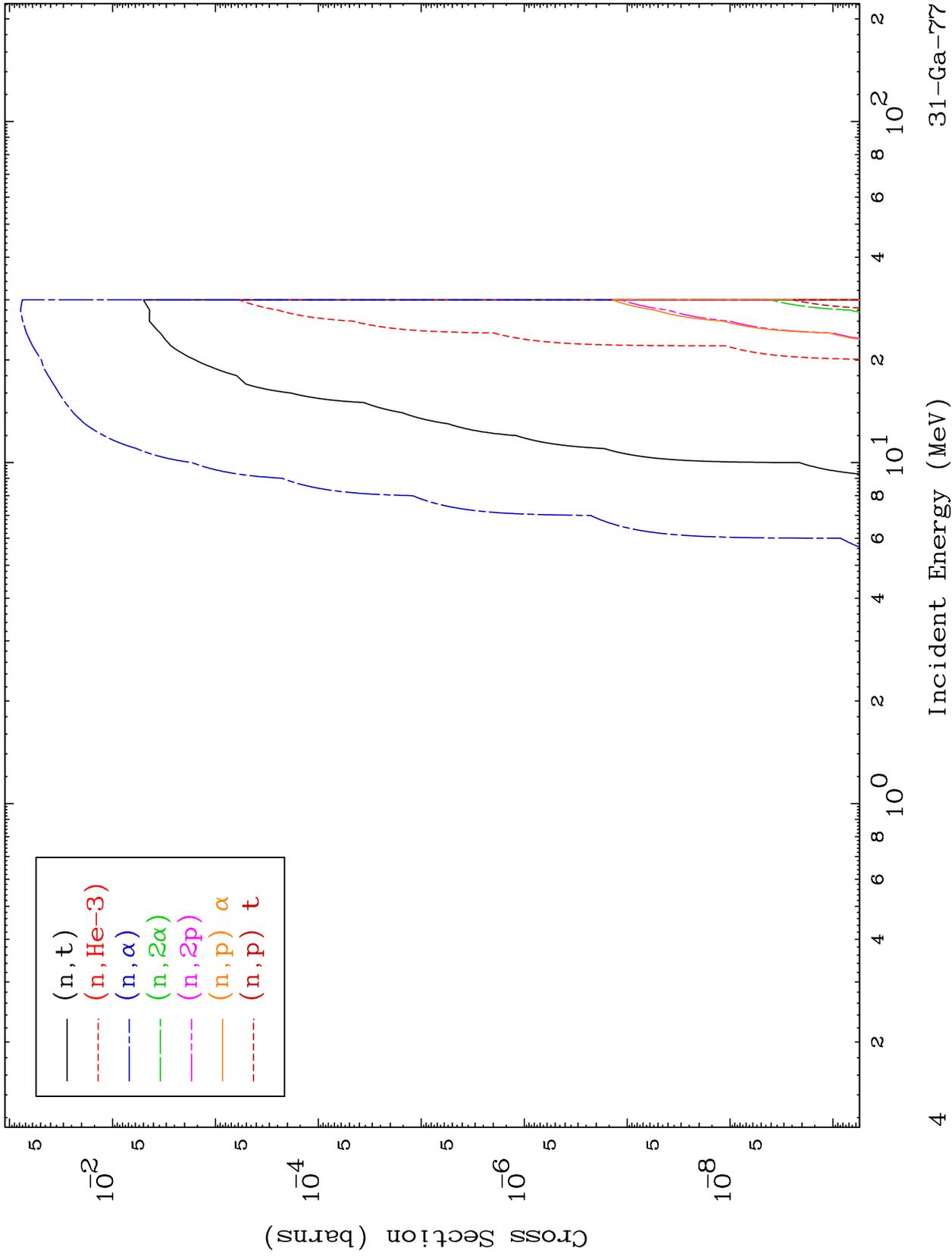


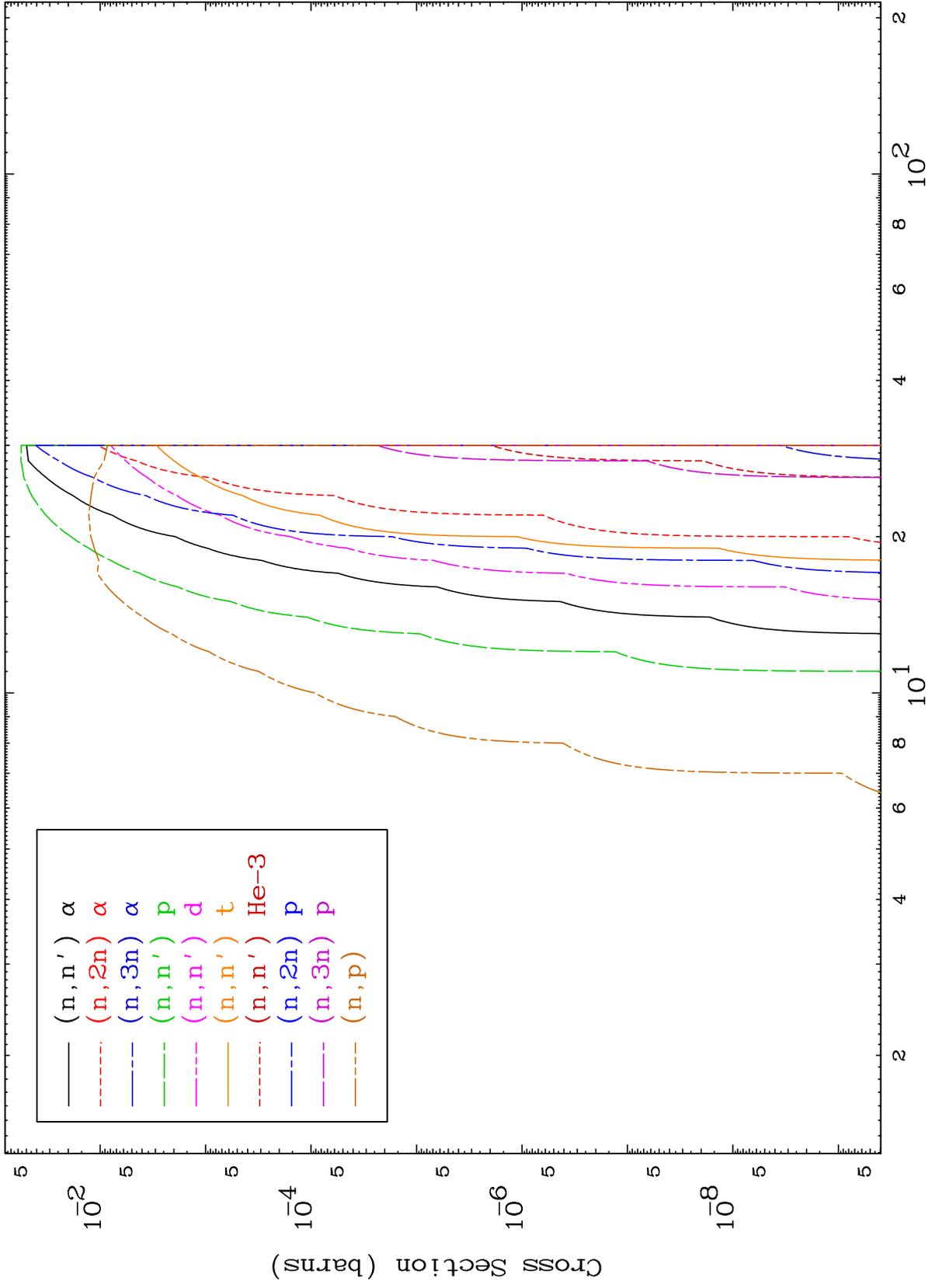
2

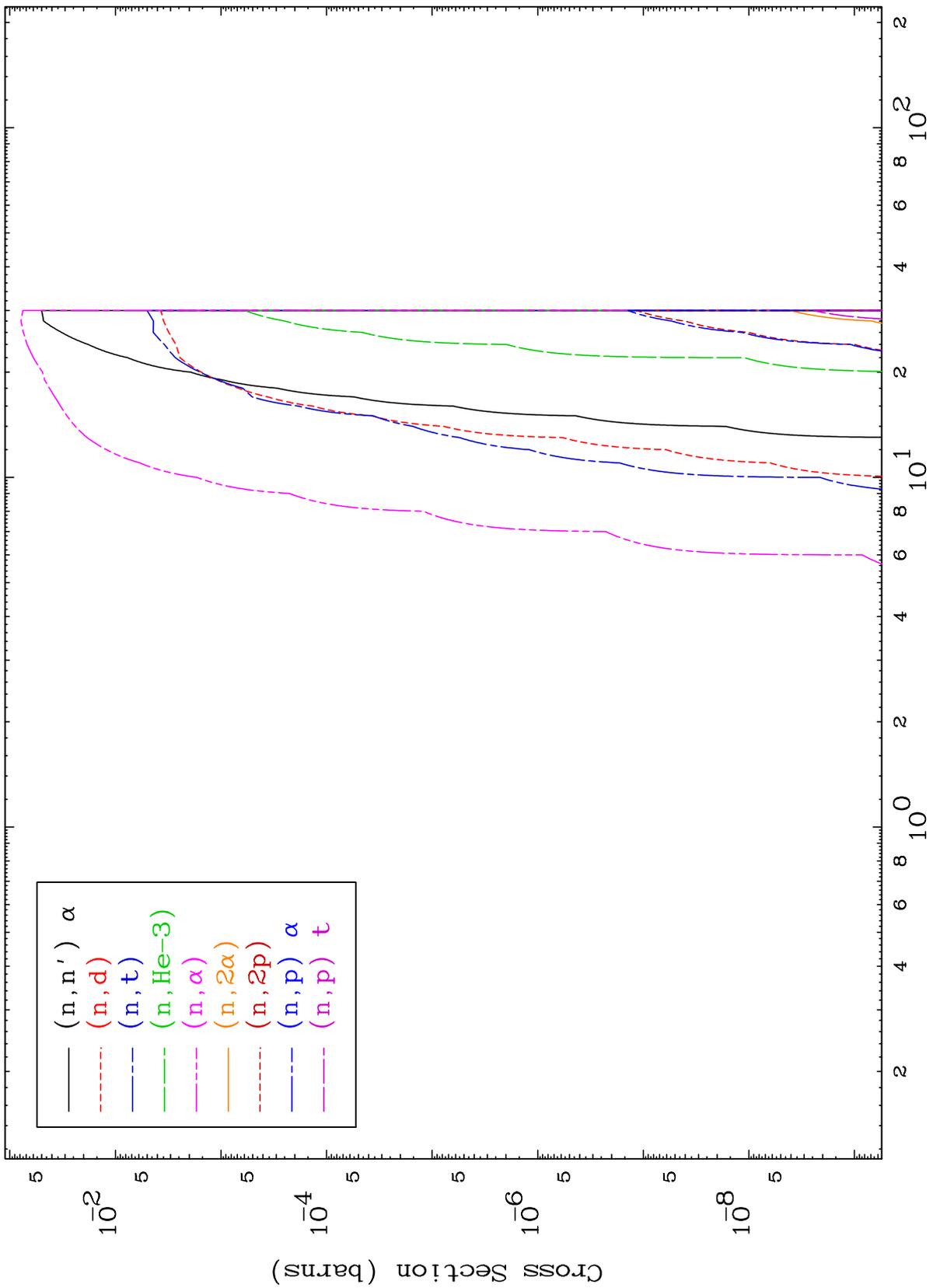
Incident Energy (MeV)

^{31}Ga -77





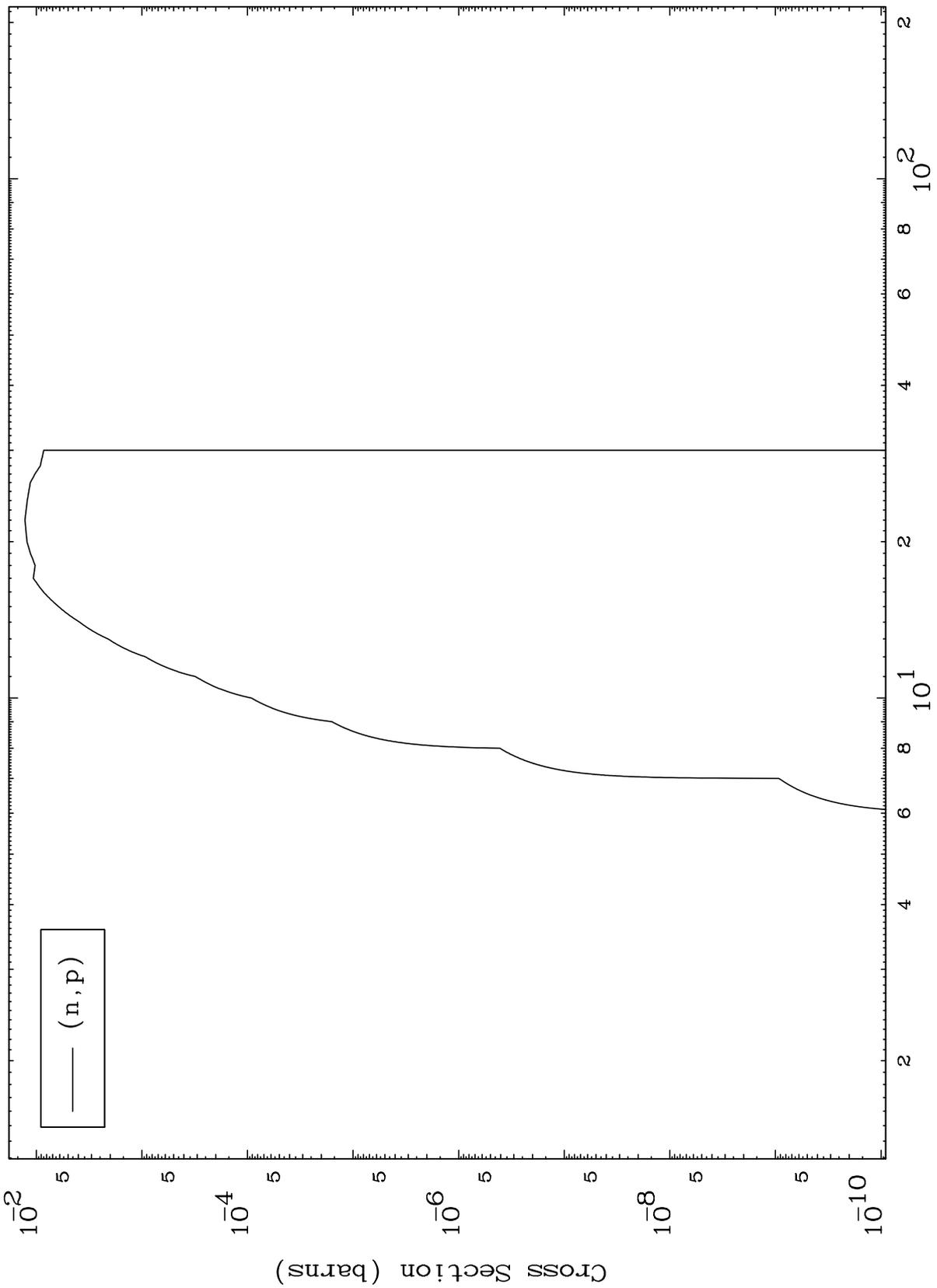




MAT 3149

31-Ga-77

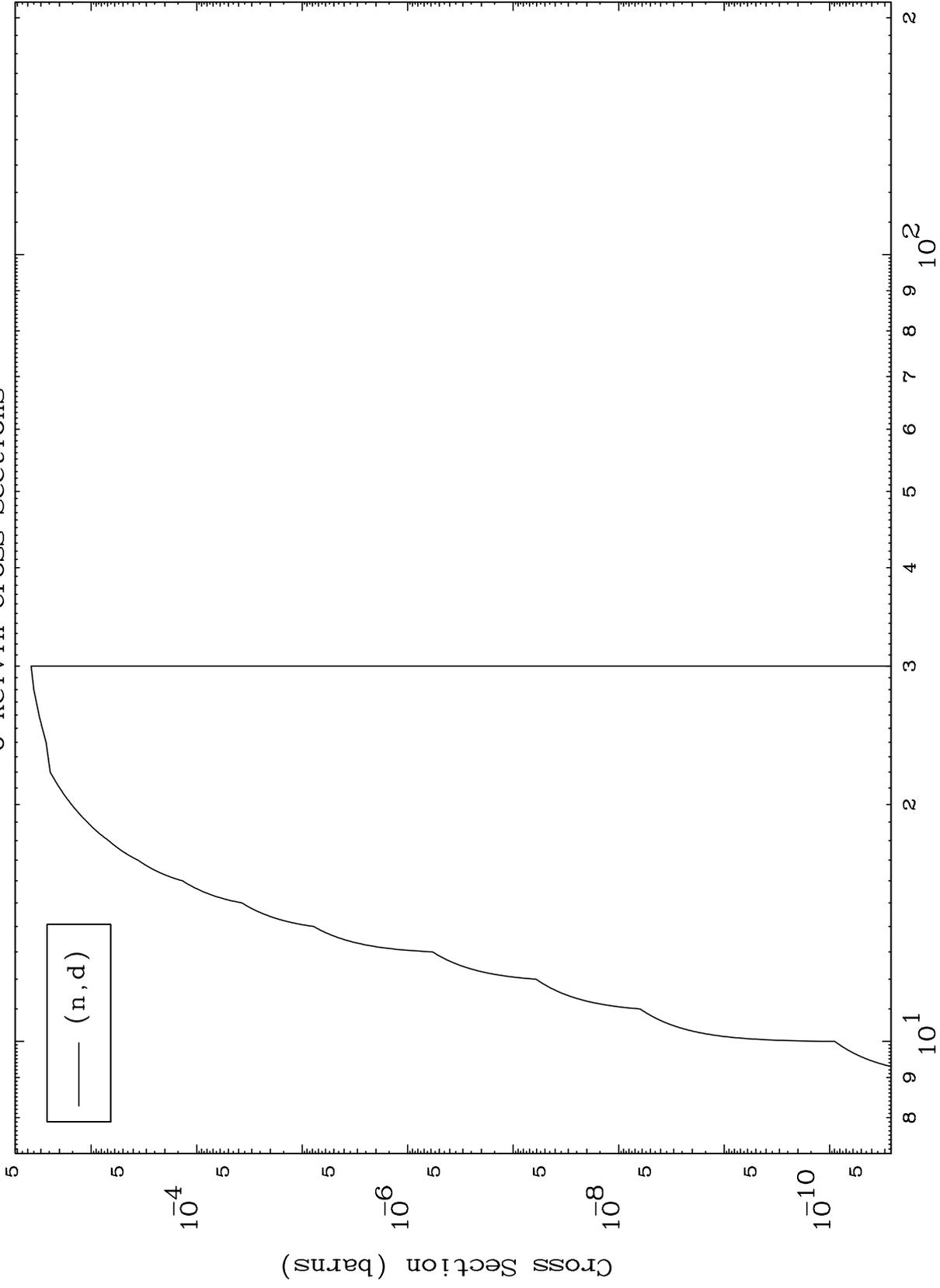
(α, p) Levels
0 Kelvin Cross Sections



MAT 3149

(α, d) Levels
0 Kelvin Cross Sections

31-Ga-77



8

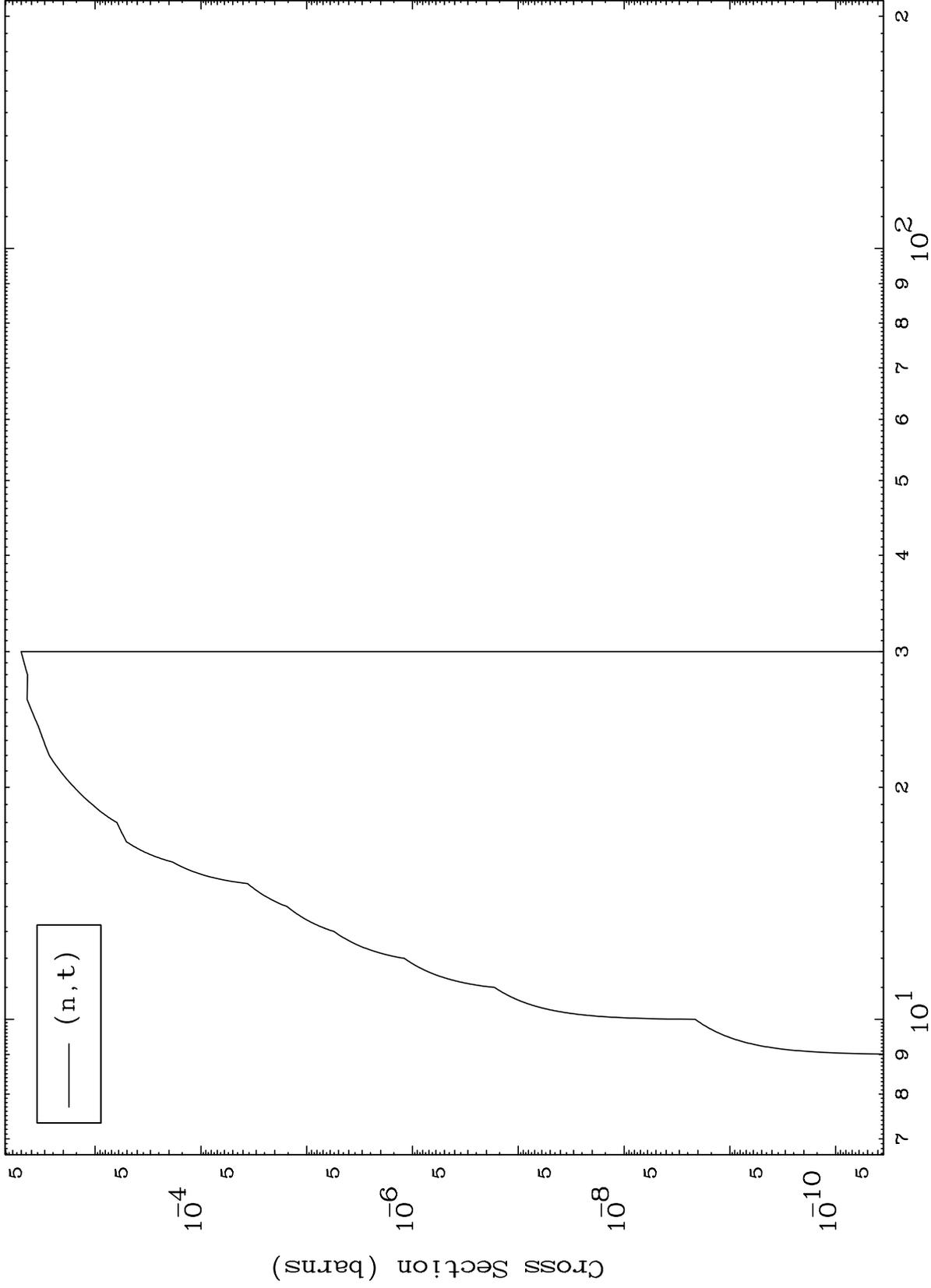
Incident Energy (MeV)

31-Ga-77

MAT 3149

(α, t) Levels
0 Kelvin Cross Sections

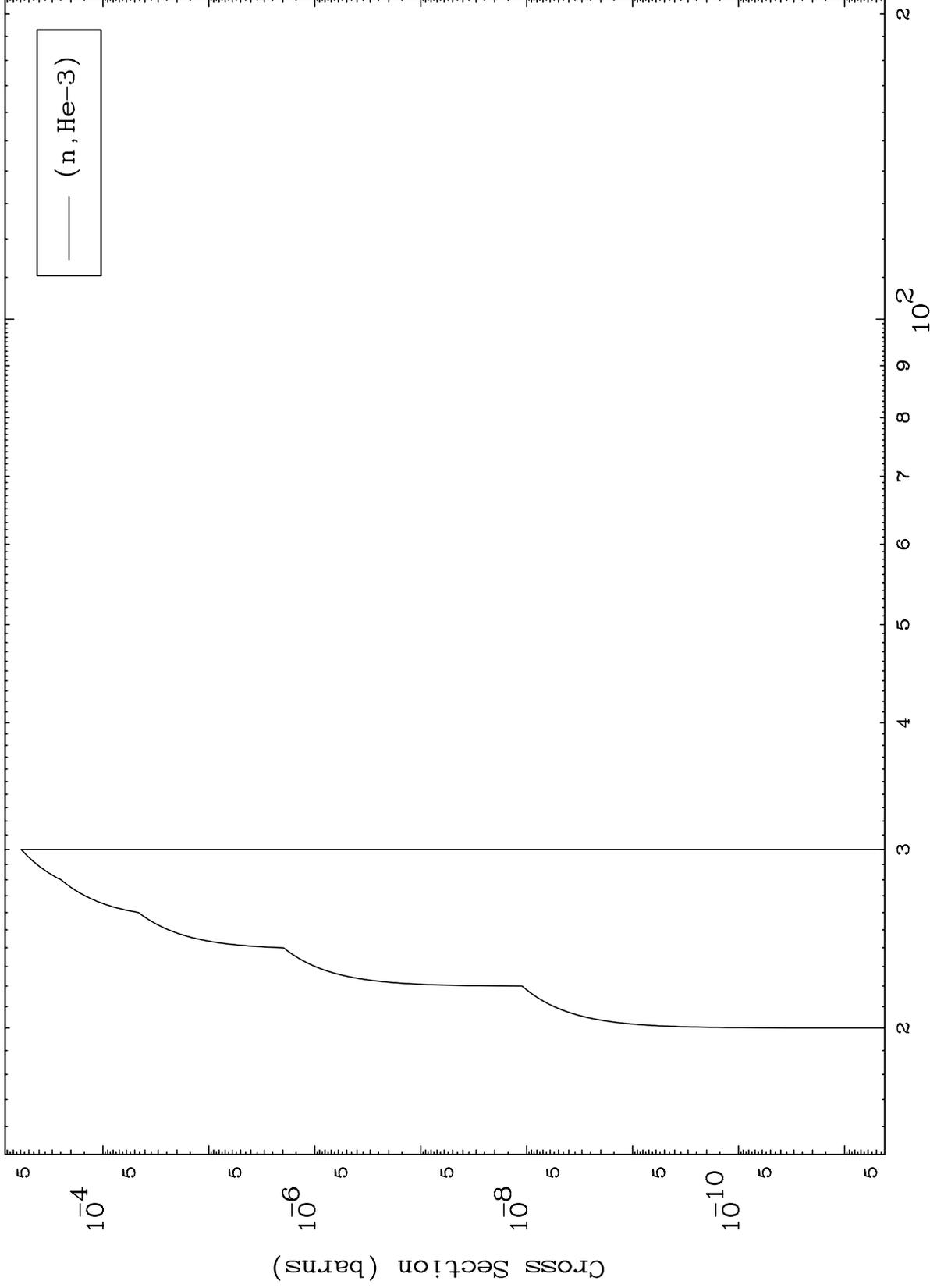
31-Ga-77



MAT 3149

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

31-Ga-77



10

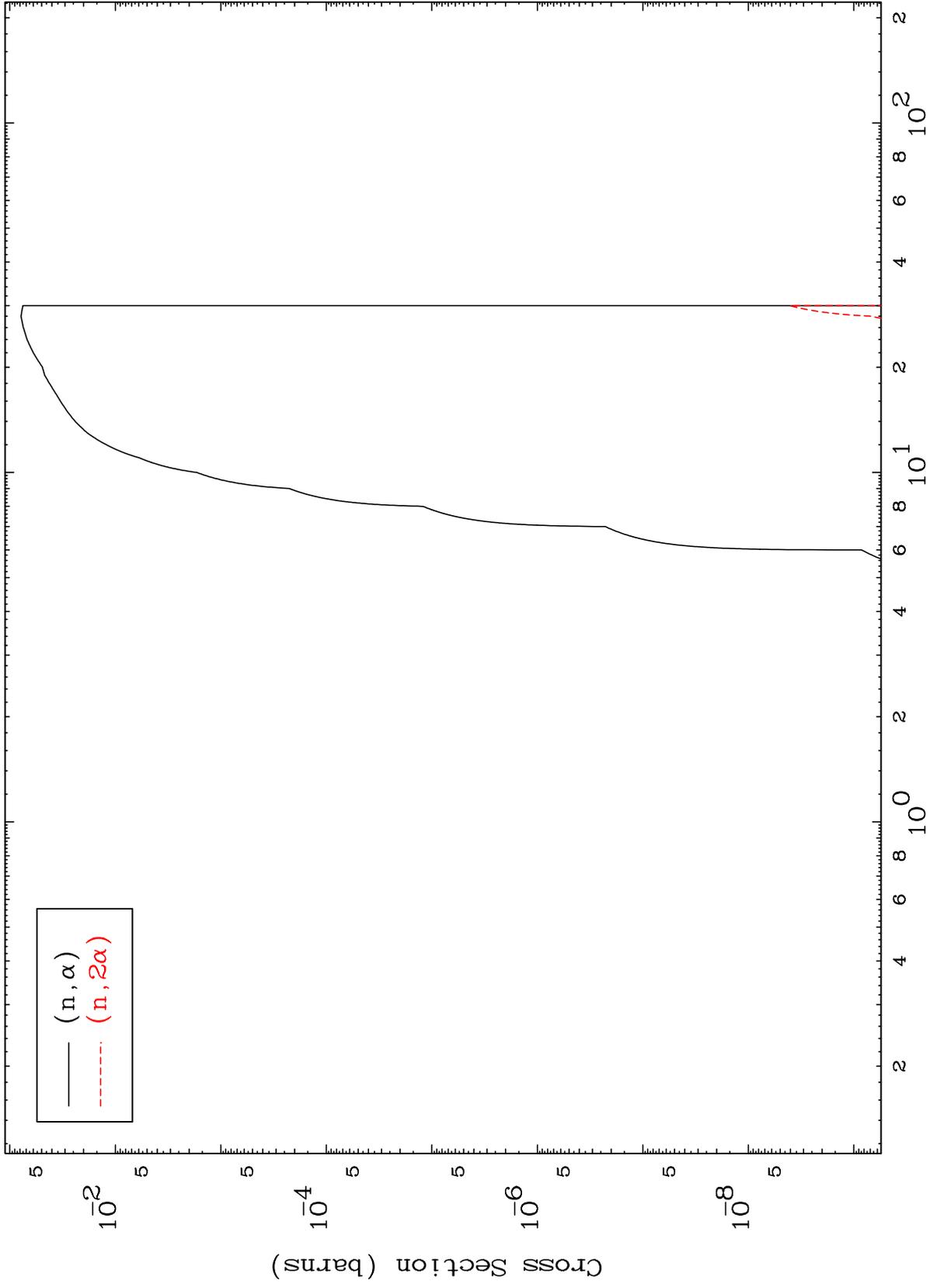
Incident Energy (MeV)

31-Ga-77

MAT 3149

(α, α) Levels
0 Kelvin Cross Sections

31-Ga-77



11

Incident Energy (MeV)

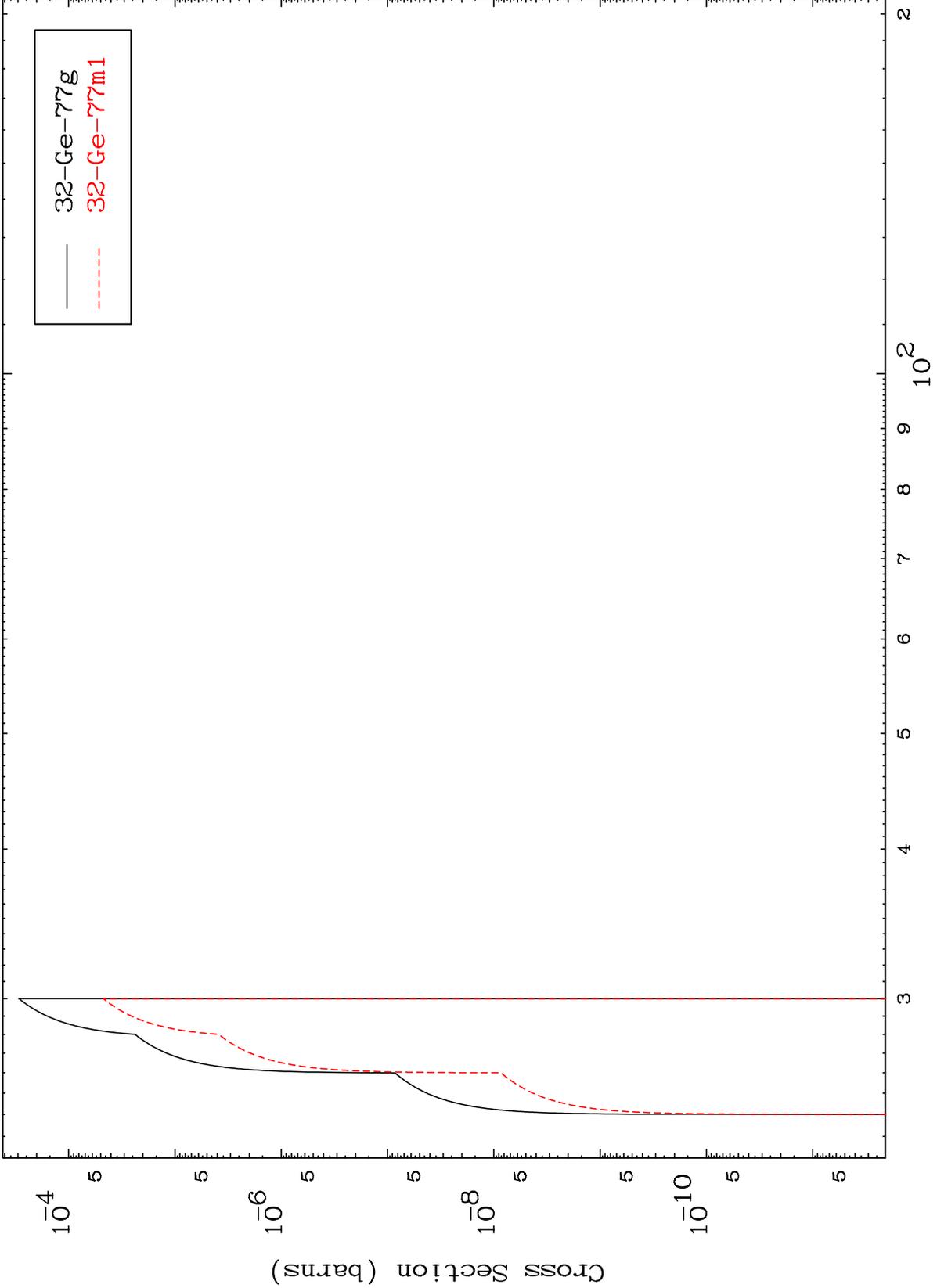
31-Ga-77

MAT 3149

(n,2n) d

31-Ga-77

Radionuclide Production Cross Section



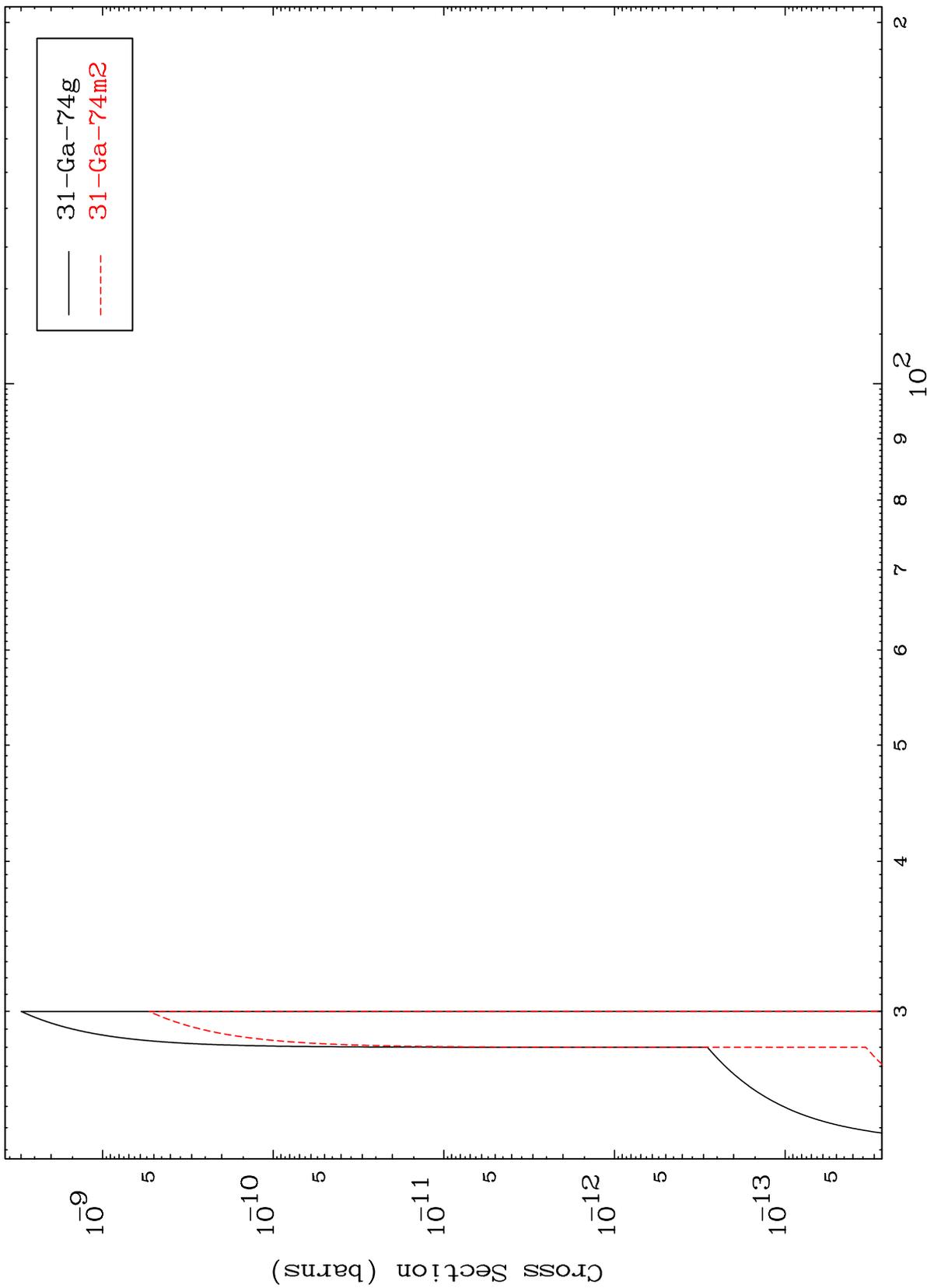
32-Ge-77g
32-Ge-77m1

12

Incident Energy (MeV)

31-Ga-77

Radionuclide Production Cross Section

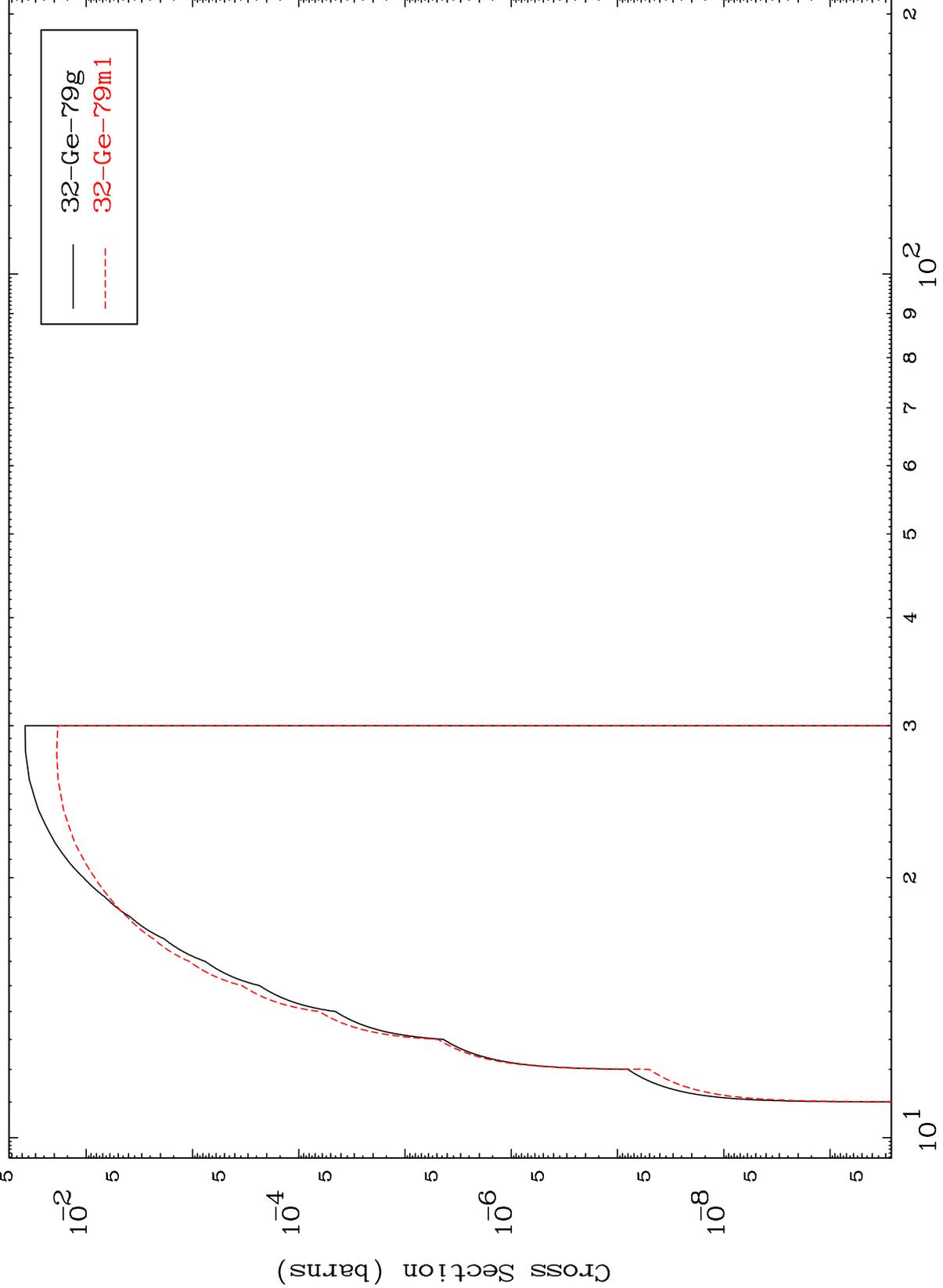


MAT 3149

(n,n') p

31-Ga-77

Radionuclide Production Cross Section



Incident Energy (MeV)

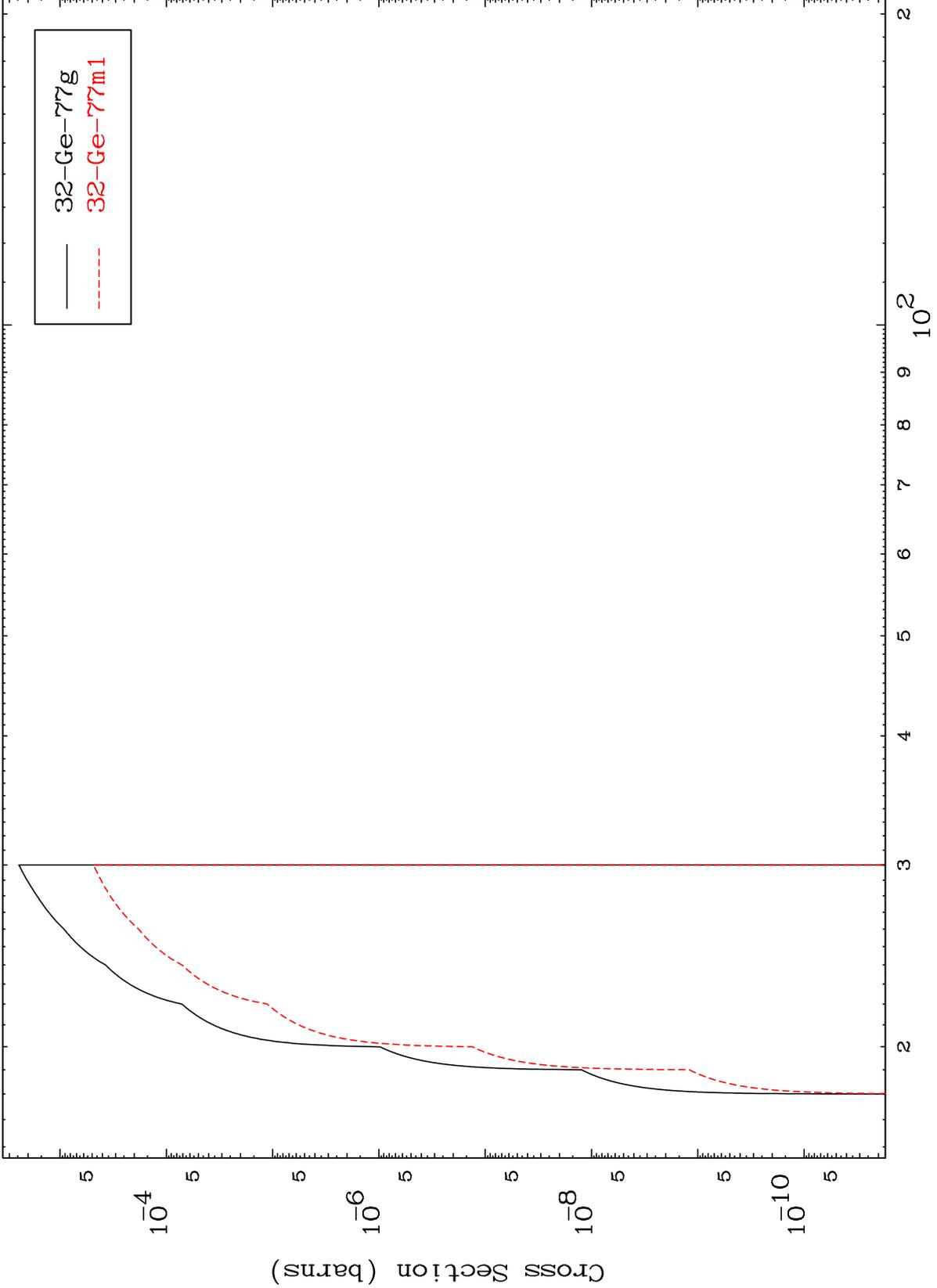
31-Ga-77

MAT 3149

(n,n') t

31-Ga-77

Radionuclide Production Cross Section



15

Incident Energy (MeV)

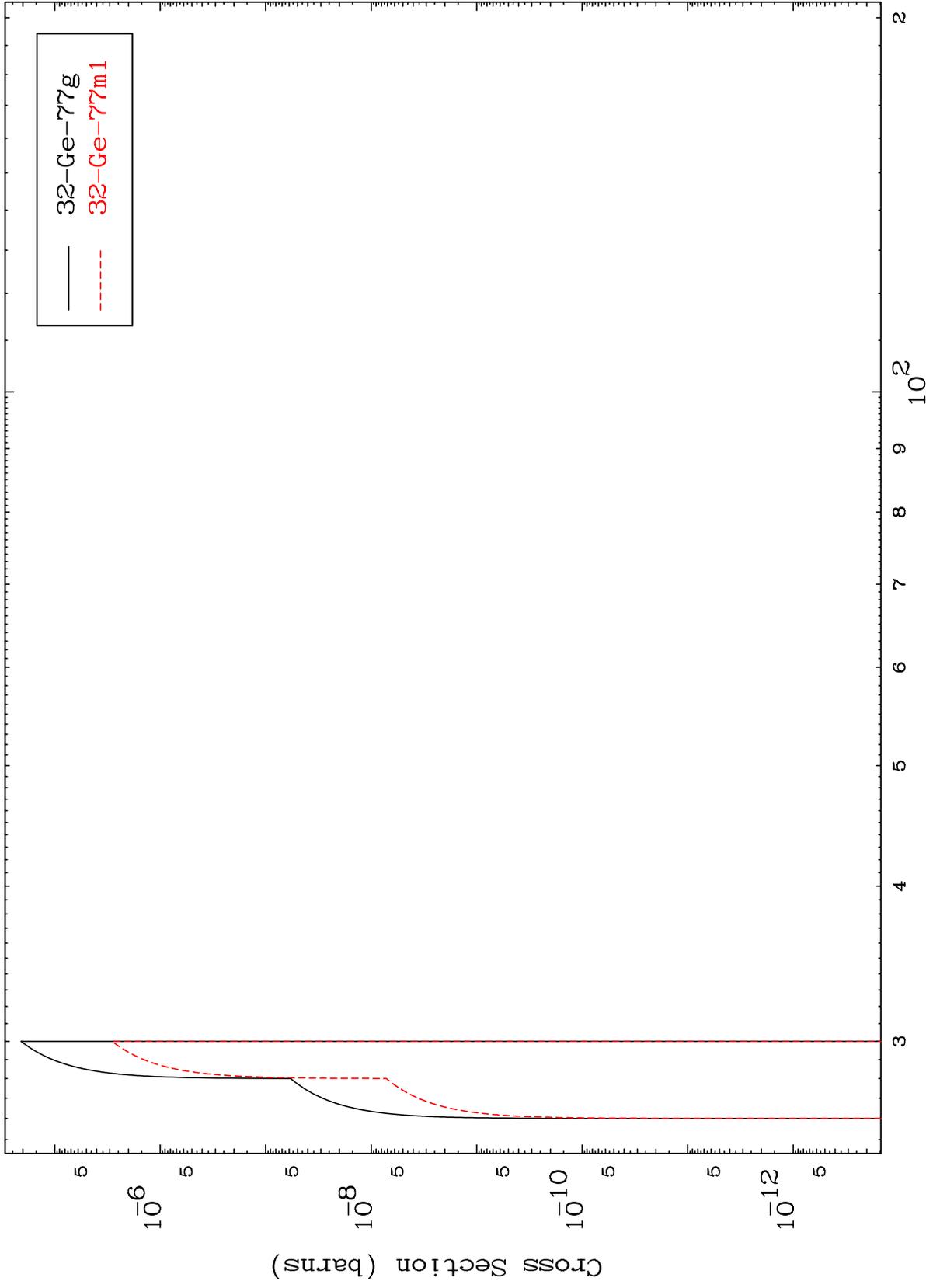
31-Ga-77

MAT 3149

(n,3n) p

31-Ga-77

Radionuclide Production Cross Section



16

Incident Energy (MeV)

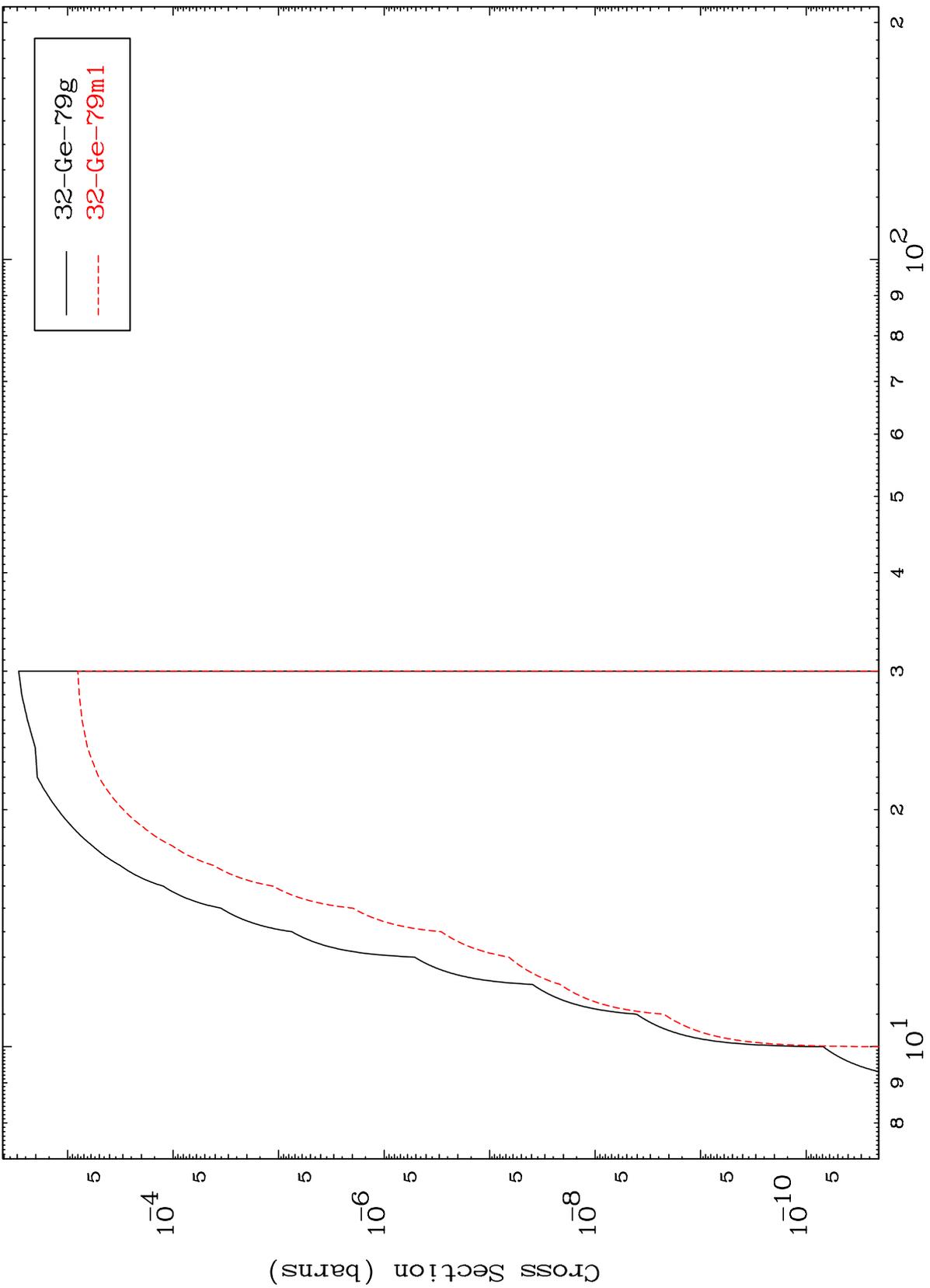
31-Ga-77

MAT 3149

(n,d)

31-Ga-77

Radionuclide Production Cross Section



17

Incident Energy (MeV)

31-Ga-77