

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

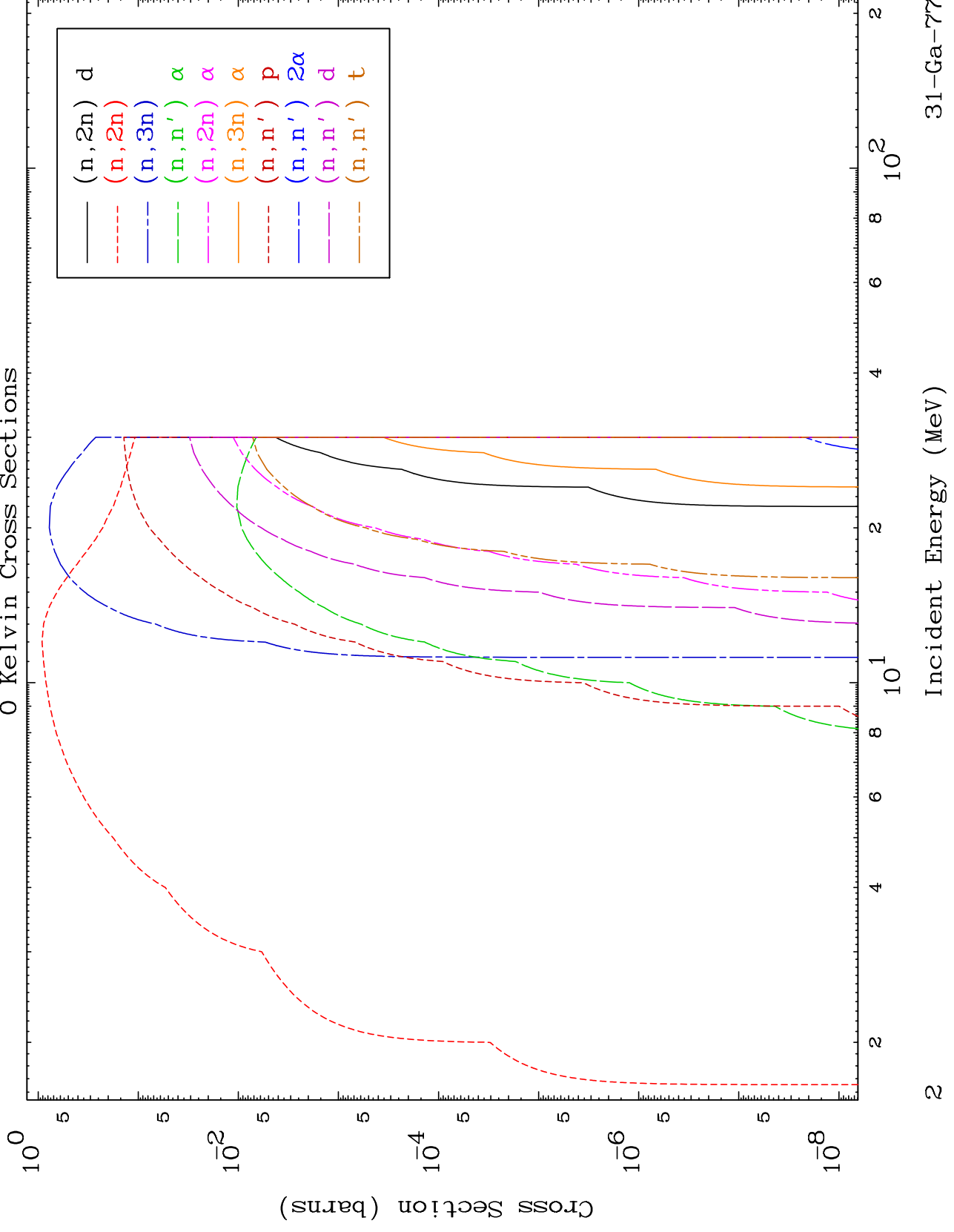
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3149

Proton Neutron Absorption
0 Kelvin Cross Sections

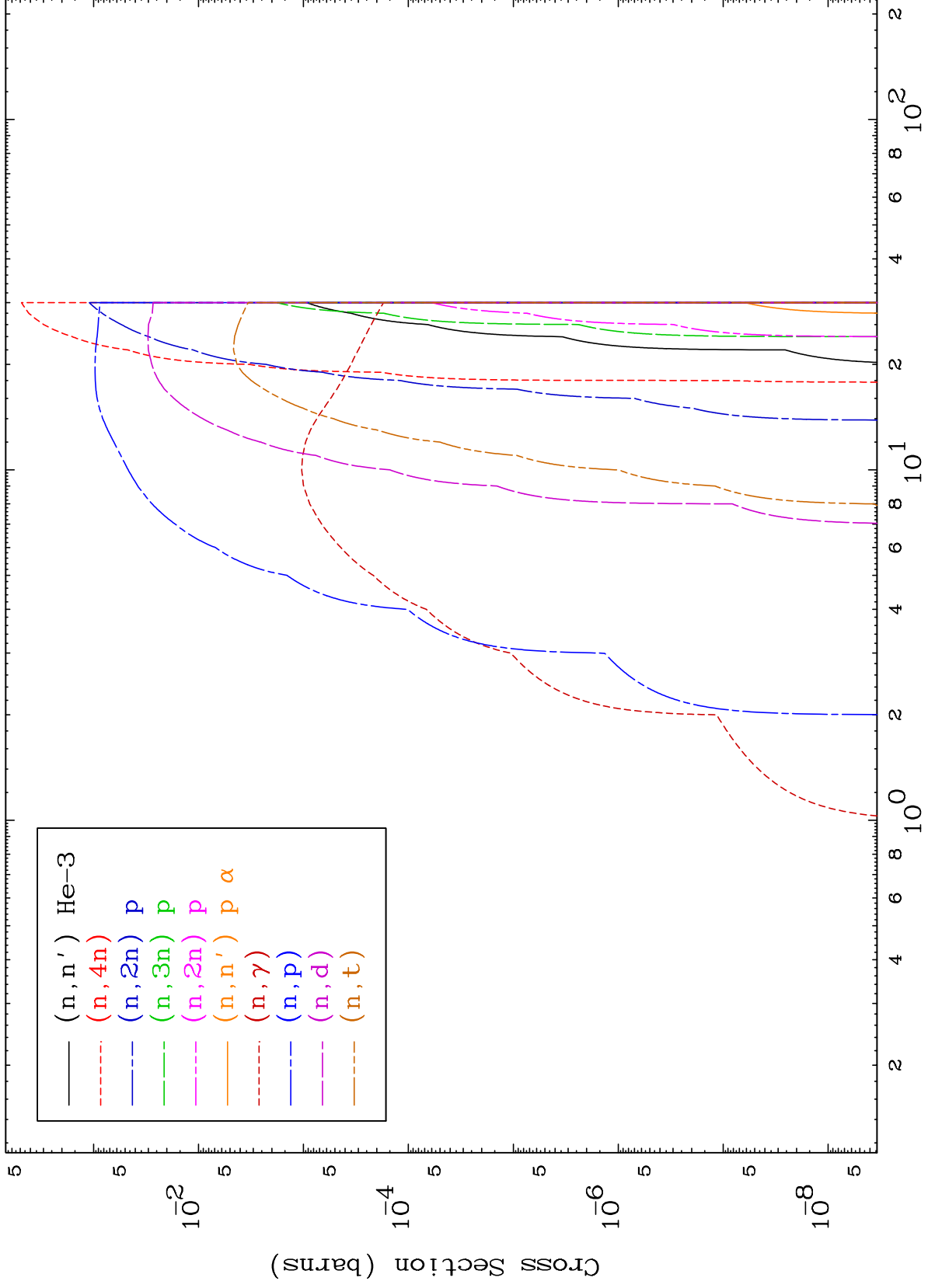
³¹Ga-77



³¹Ga-77

Incident Energy (MeV)

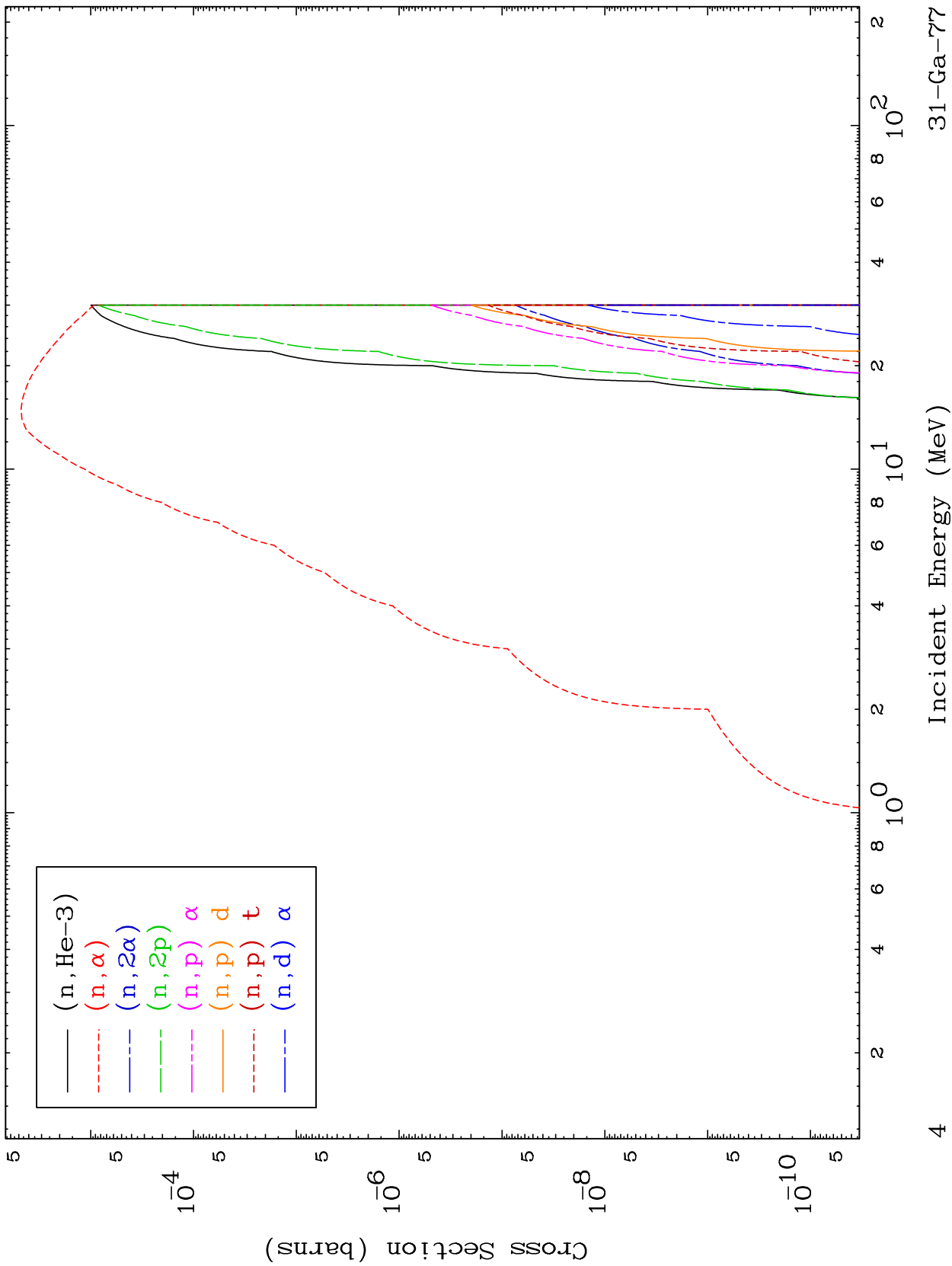
2



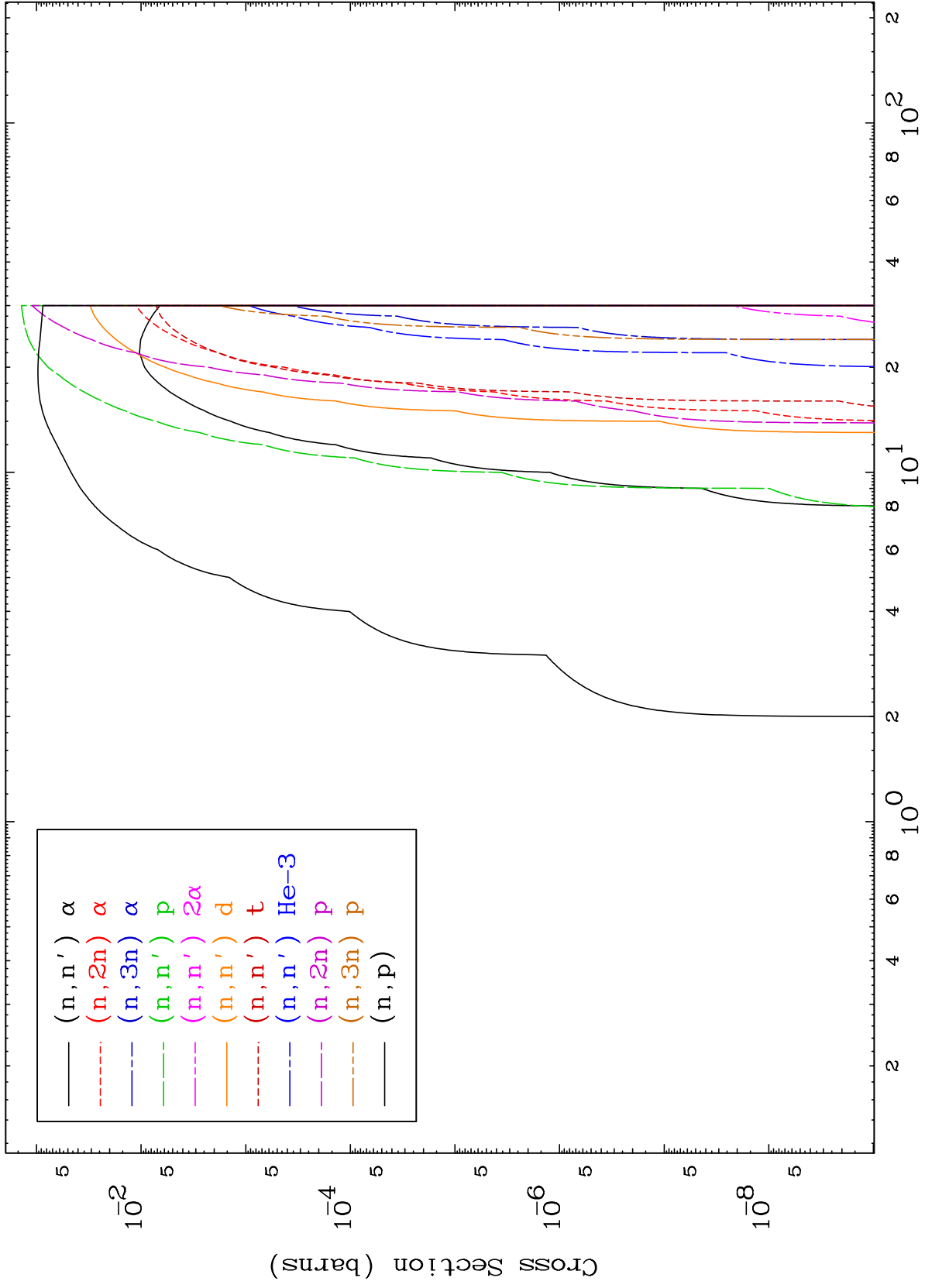
MAT 3149

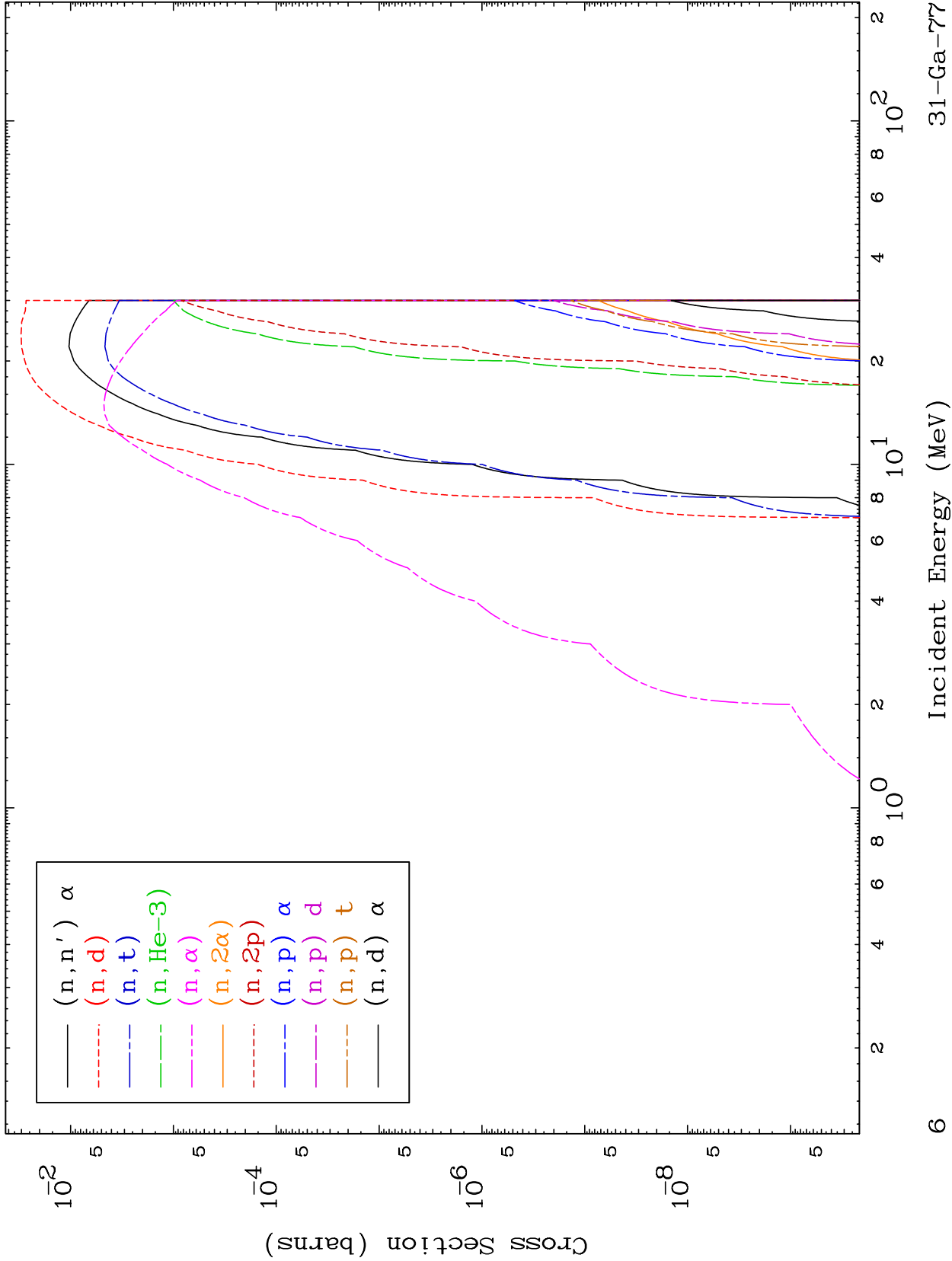
Proton Neutron Absorption
0 Kelvin Cross Sections

31-Ga-77



31-Ga-77

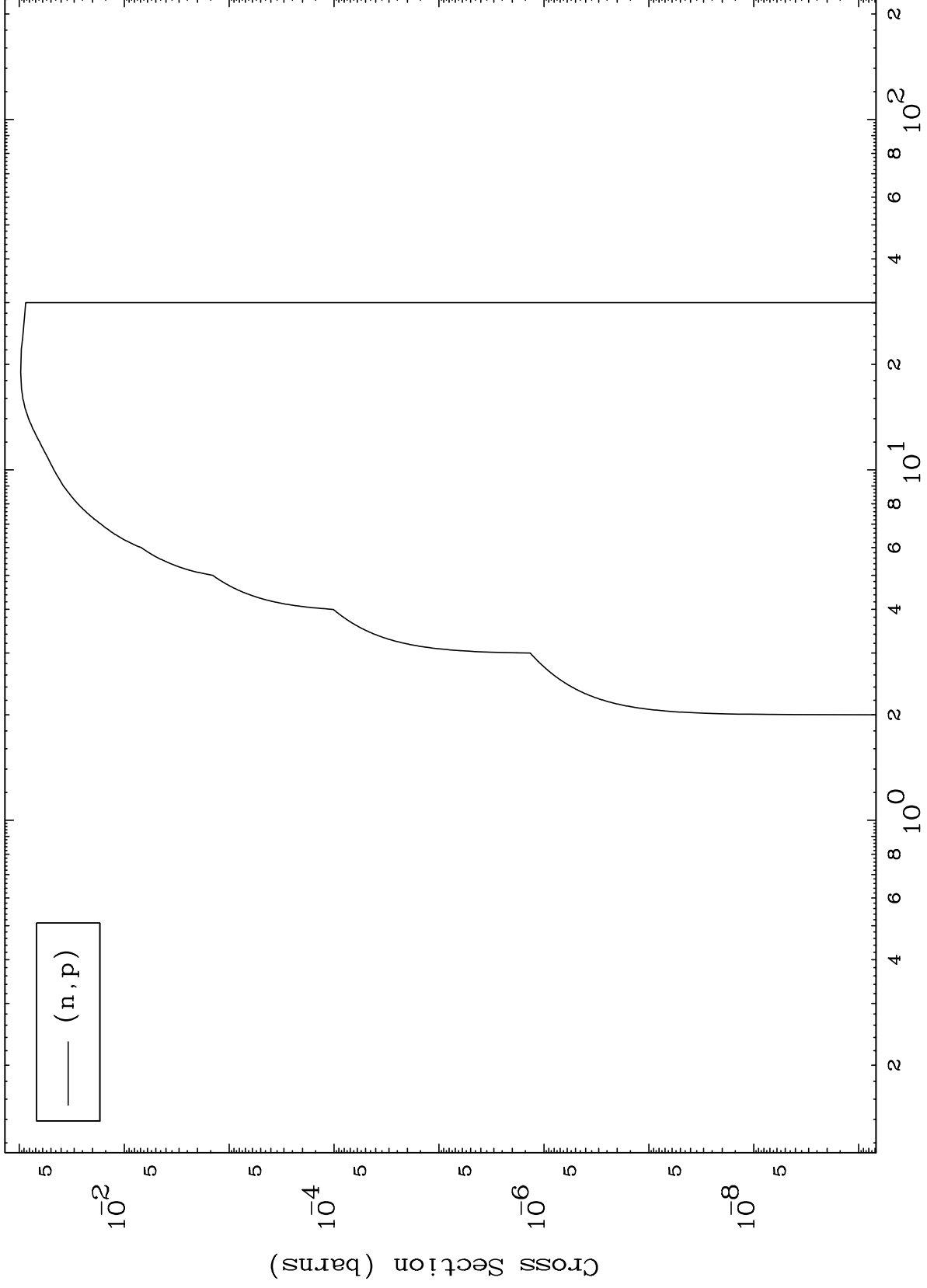




MAT 3149

(p,p) Levels
0 Kelvin Cross Sections

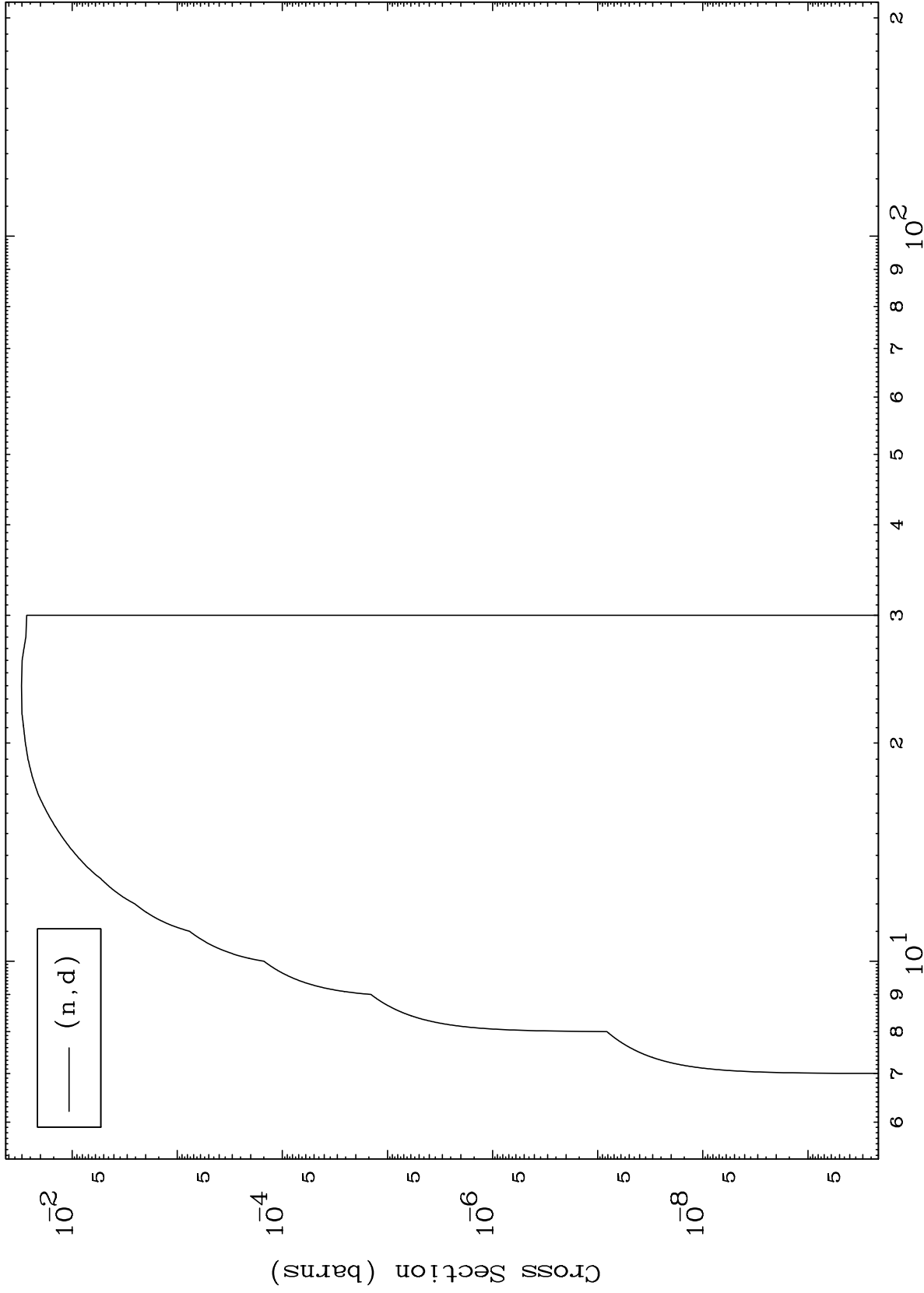
31-Ga-77



MAT 3149

(p,d) Levels
0 Kelvin Cross Sections

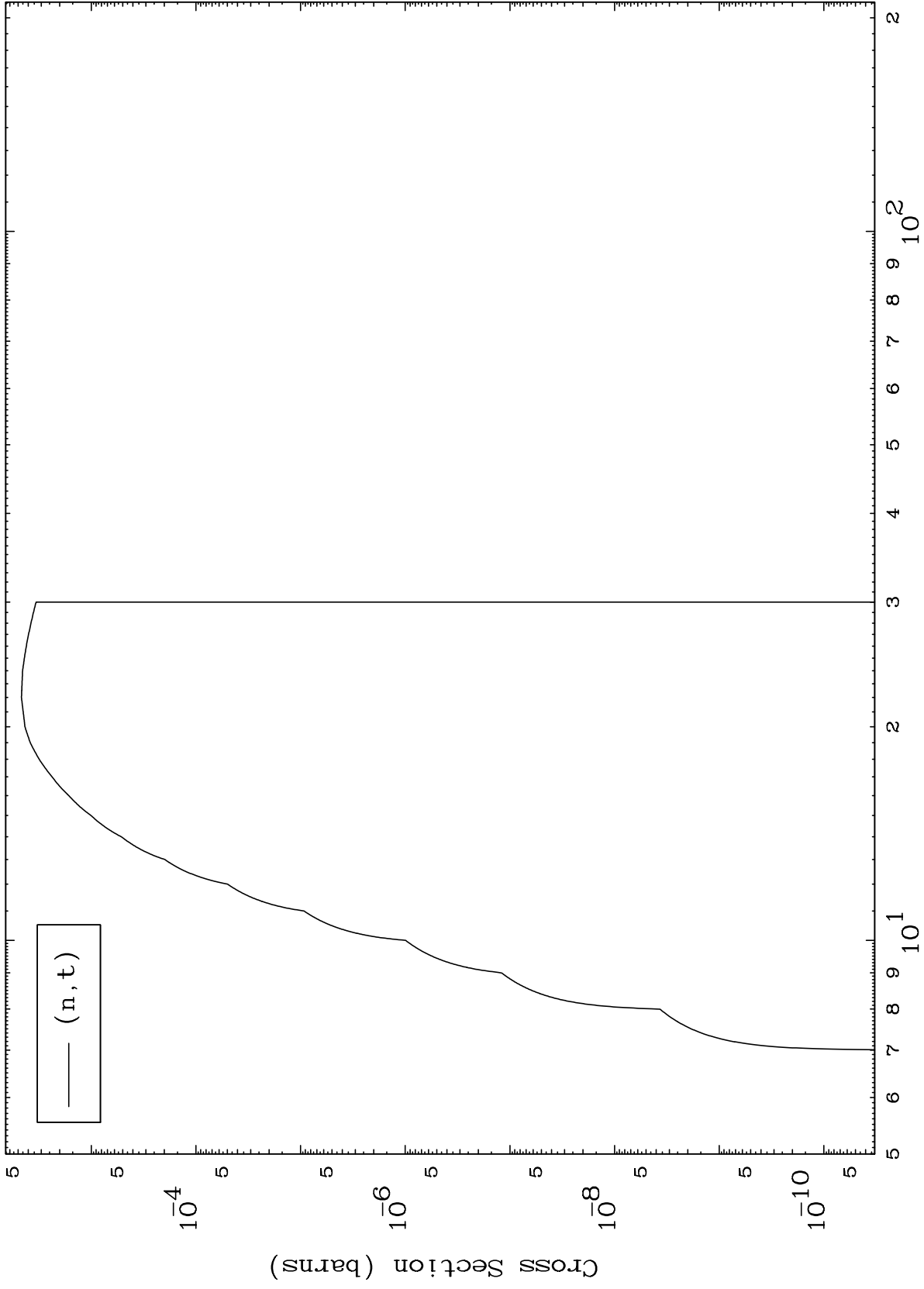
31-Ga-77



MAT 3149

(p, t) Levels
0 Kelvin Cross Sections

31-Ga-77



9

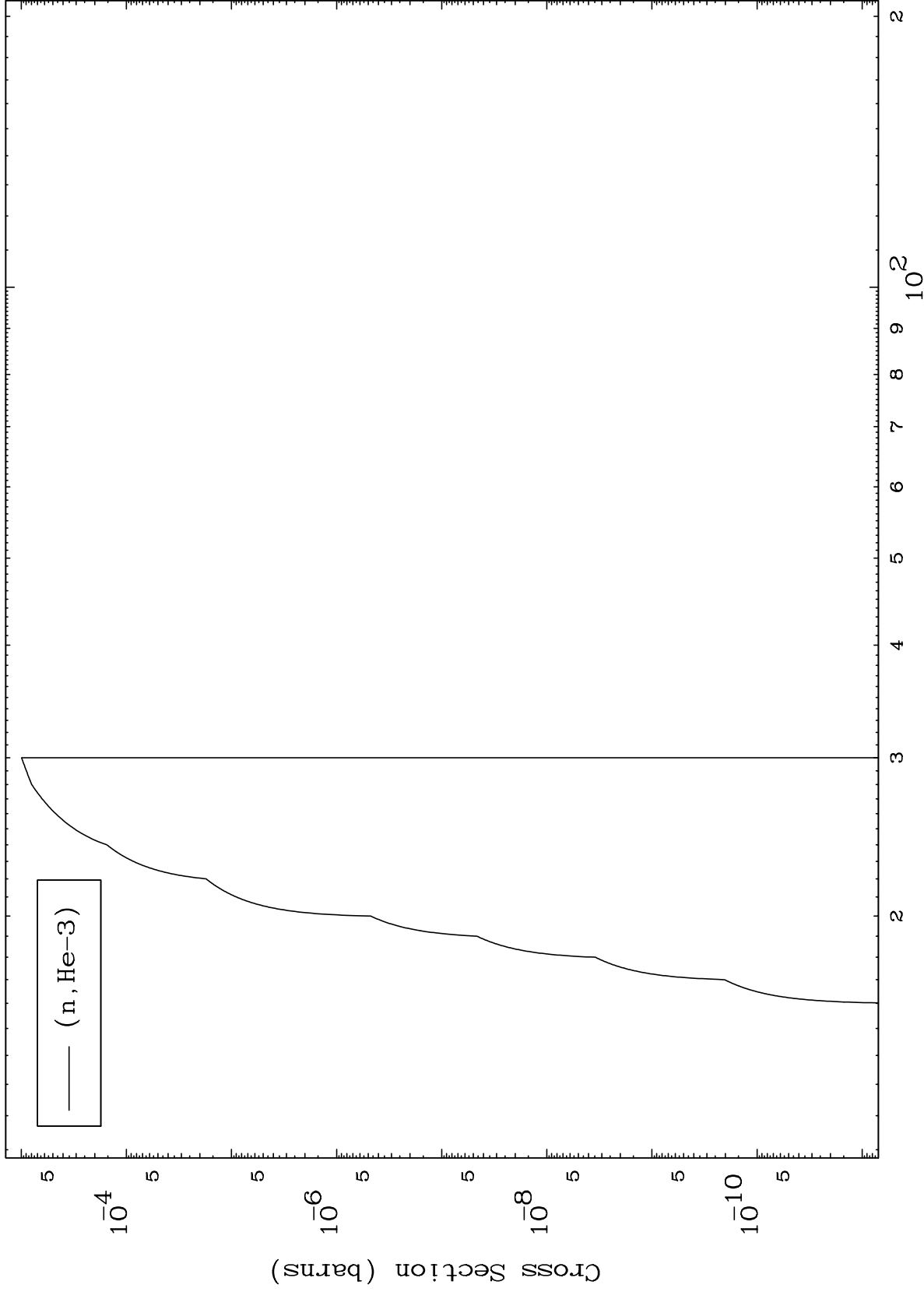
Incident Energy (MeV)

31-Ga-77

MAT 3149

(p,He3) Levels
0 Kelvin Cross Sections

31-Ga-77



10

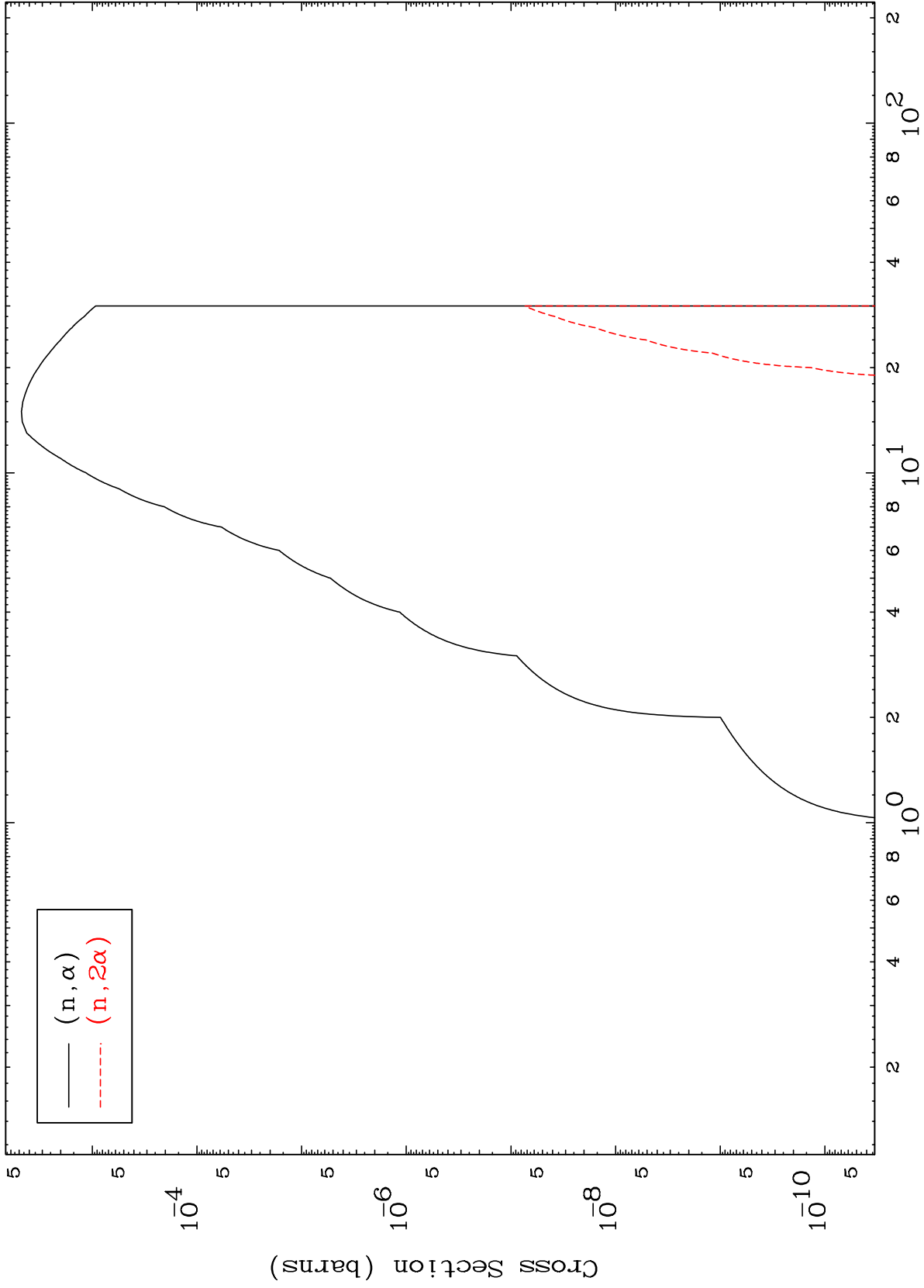
Incident Energy (MeV)

31-Ga-77

MAT 3149

(p, α) Levels
0 Kelvin Cross Sections

31-Ga-77



11

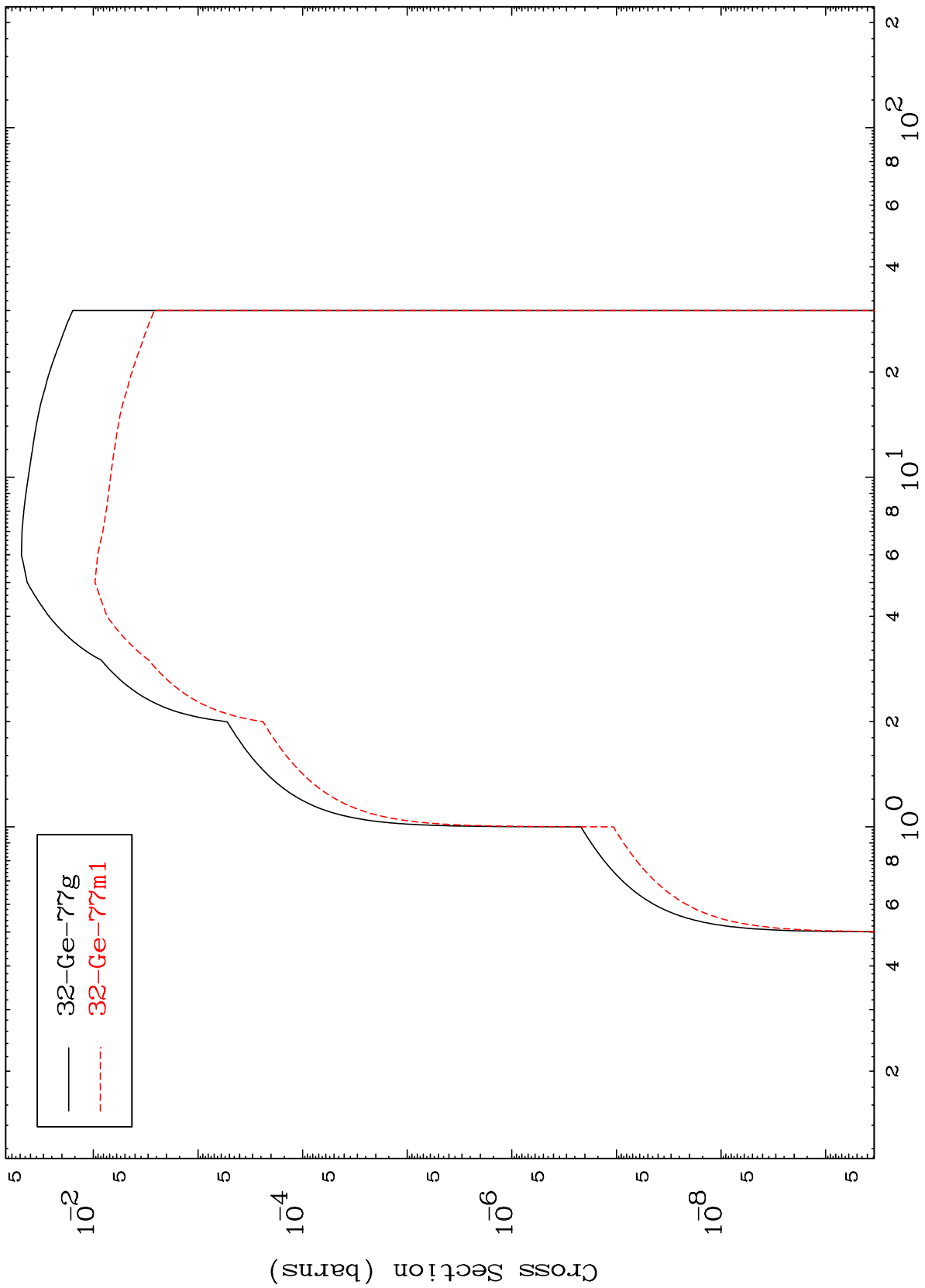
Incident Energy (MeV)

31-Ga-77

MAT 3149

31-Ga-77

Inelastic
Radionuclide Production Cross Section



31-Ga-77

Incident Energy (MeV)

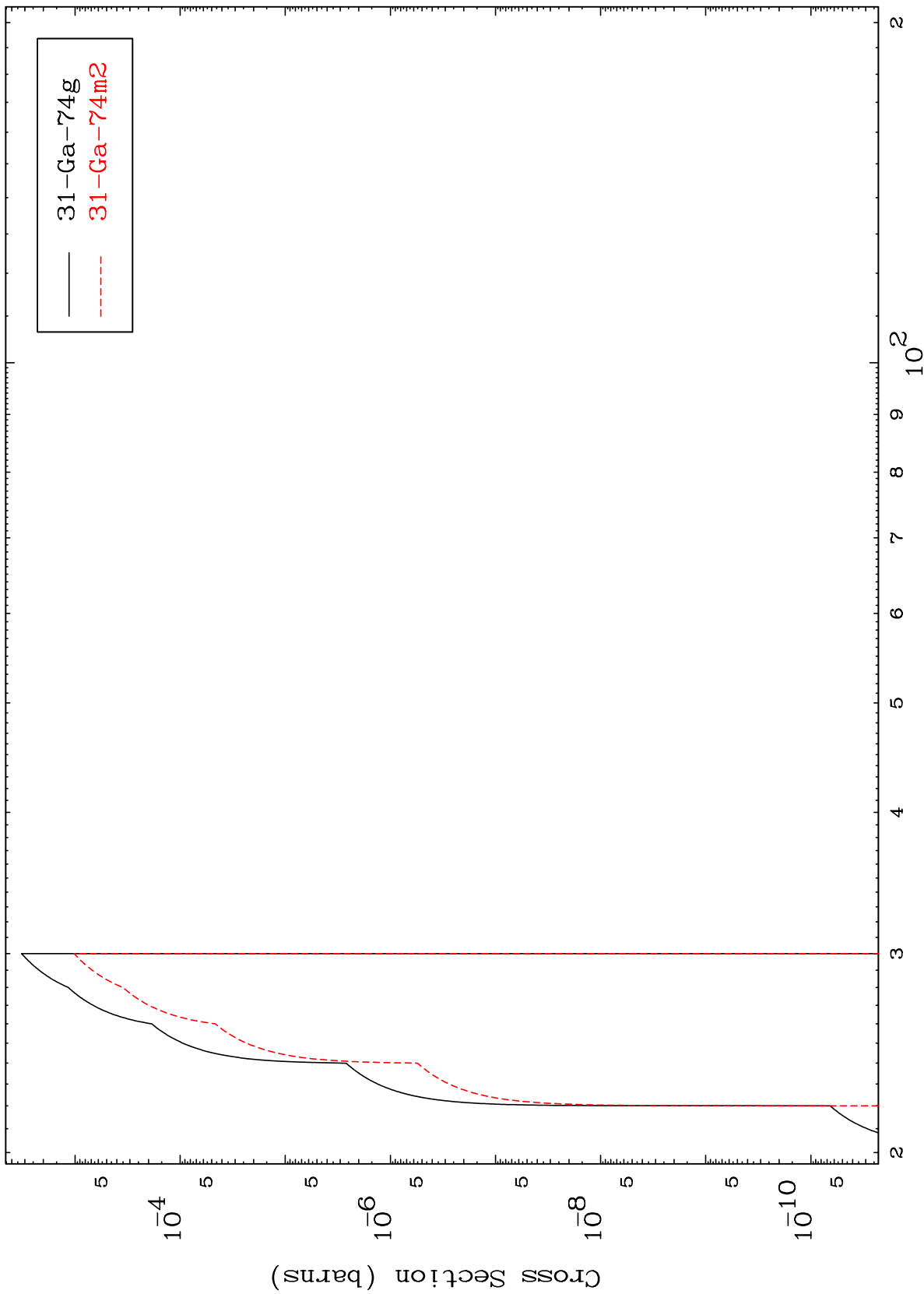
12

MAT 3149

(n,2n) d

31-Ga-77

Radionuclide Production Cross Section



13

Incident Energy (MeV)

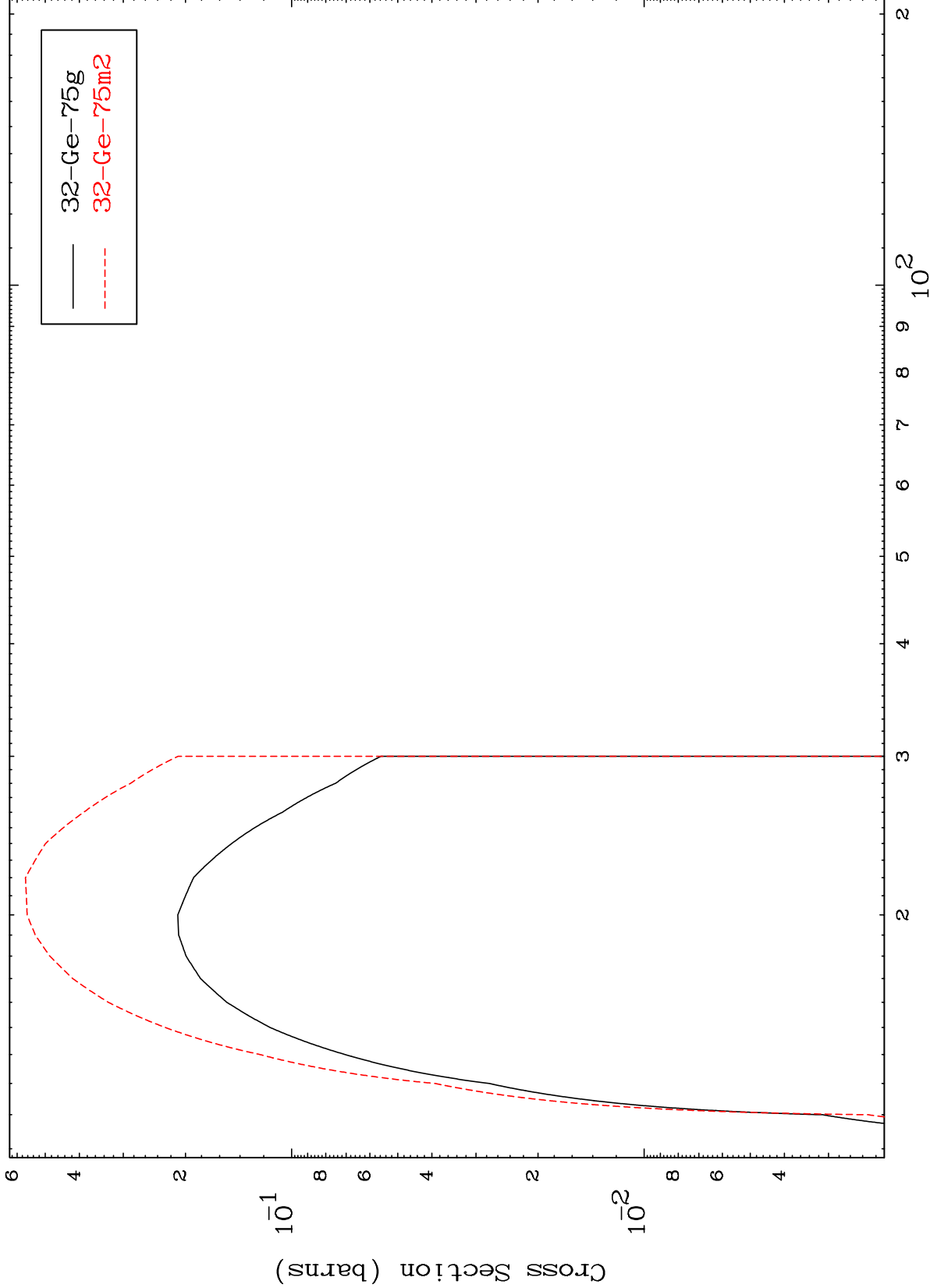
31-Ga-77

MAT 3149

(n, 3n)

31-Ga-77

Radionuclide Production Cross Section

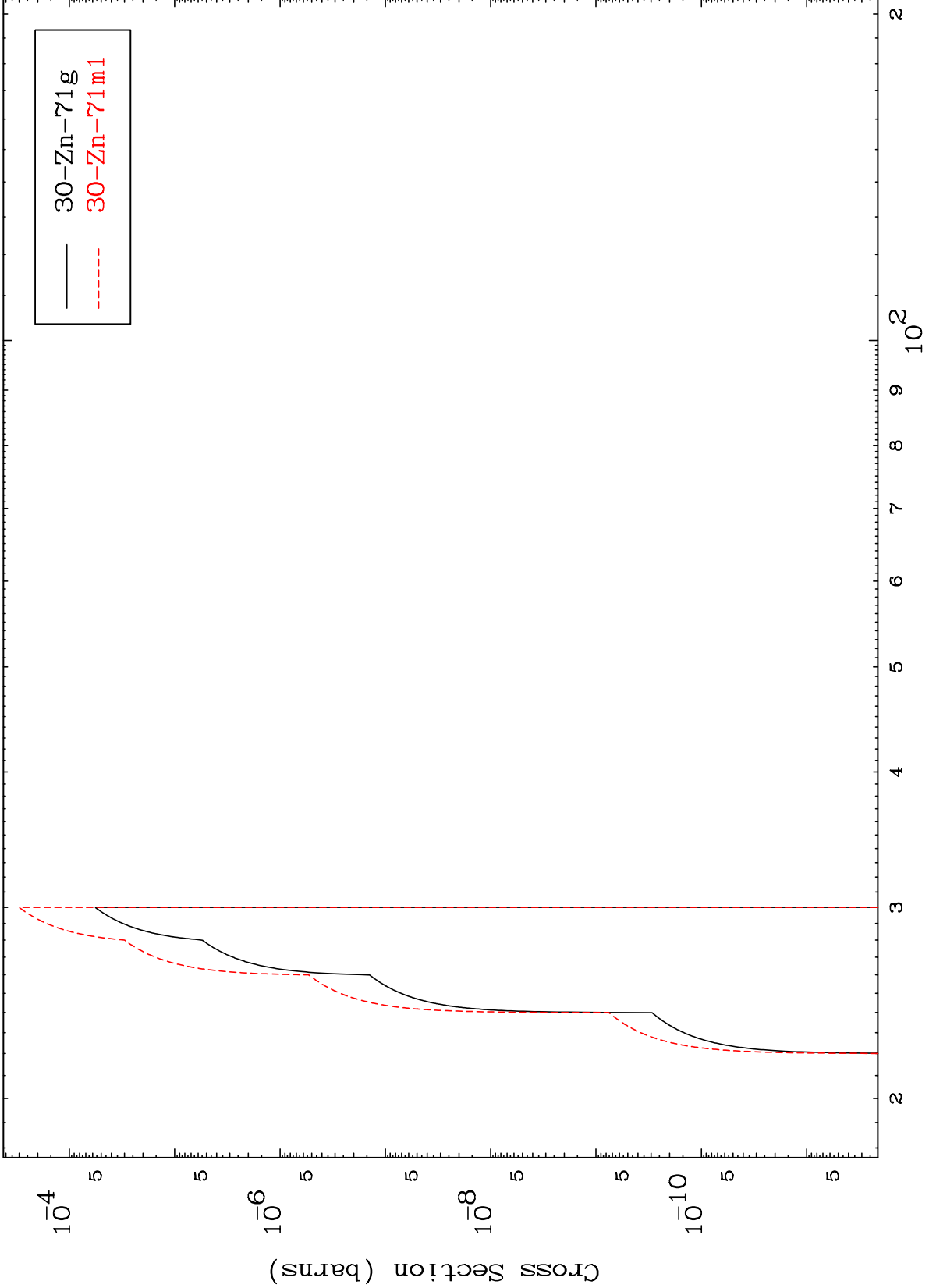


14

Incident Energy (MeV)

31-Ga-77

Radionuclide Production Cross Section

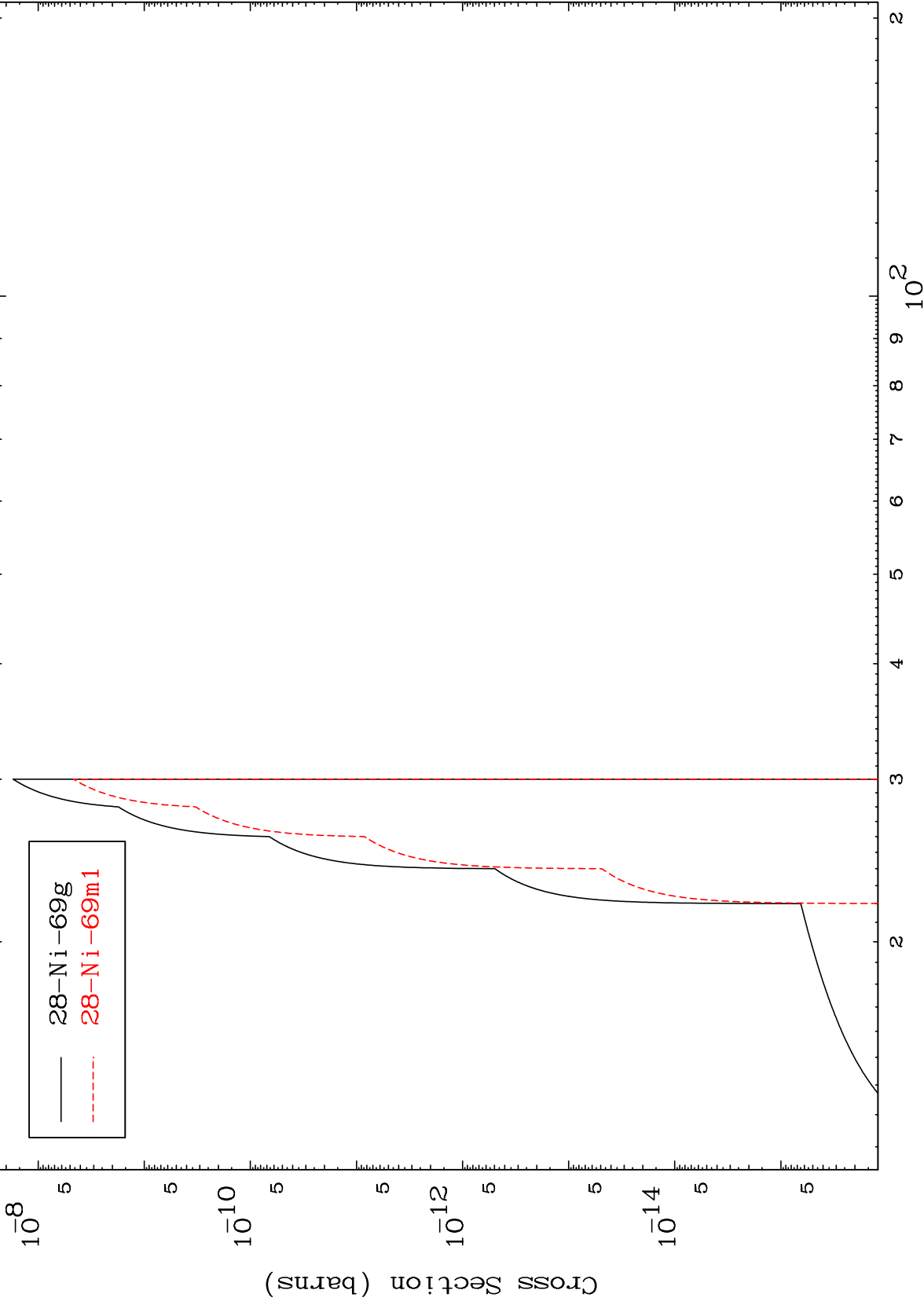


MAT 3149

(n,n') 2α

31-Ga-77

Radionuclide Production Cross Section



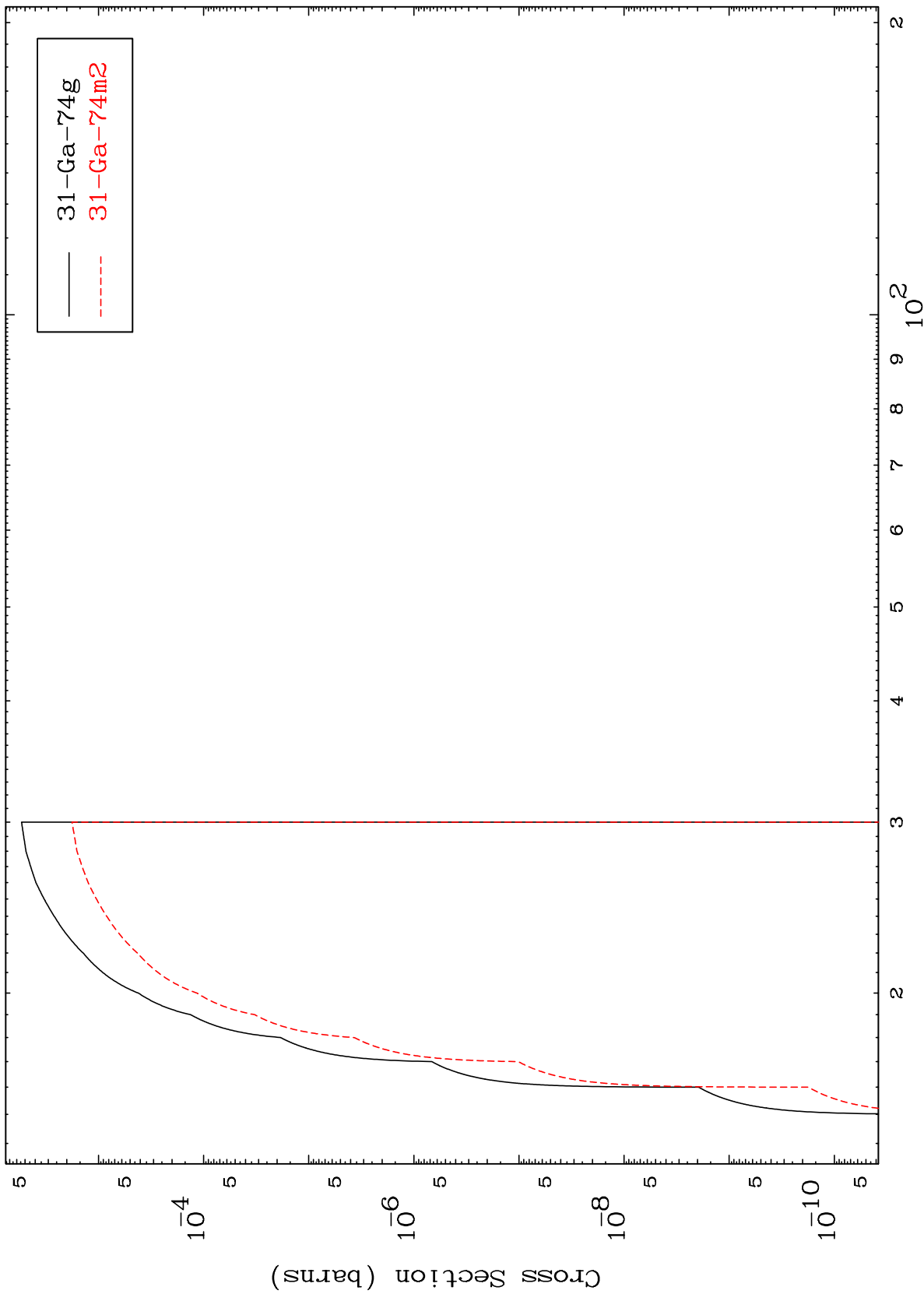
— 28-Ni-69g
- - - 28-Ni-69m1

MAT 3149

(n,n') t

³¹Ga-⁷⁷

Radionuclide Production Cross Section



17

Incident Energy (MeV)

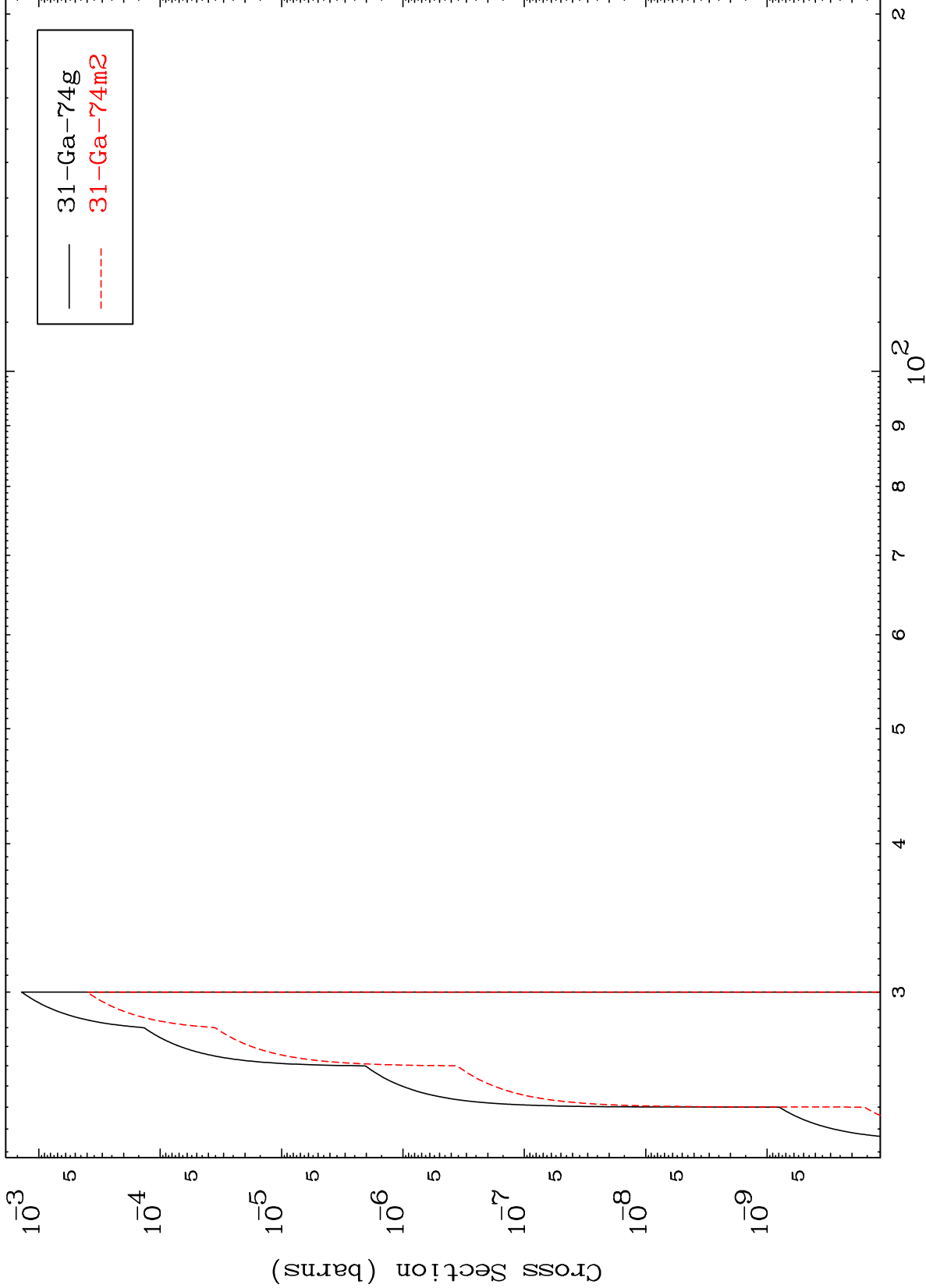
³¹Ga-⁷⁷

MAT 3149

(n,3n) p

31-Ga-77

Radionuclide Production Cross Section



18

Incident Energy (MeV)

31-Ga-77