

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

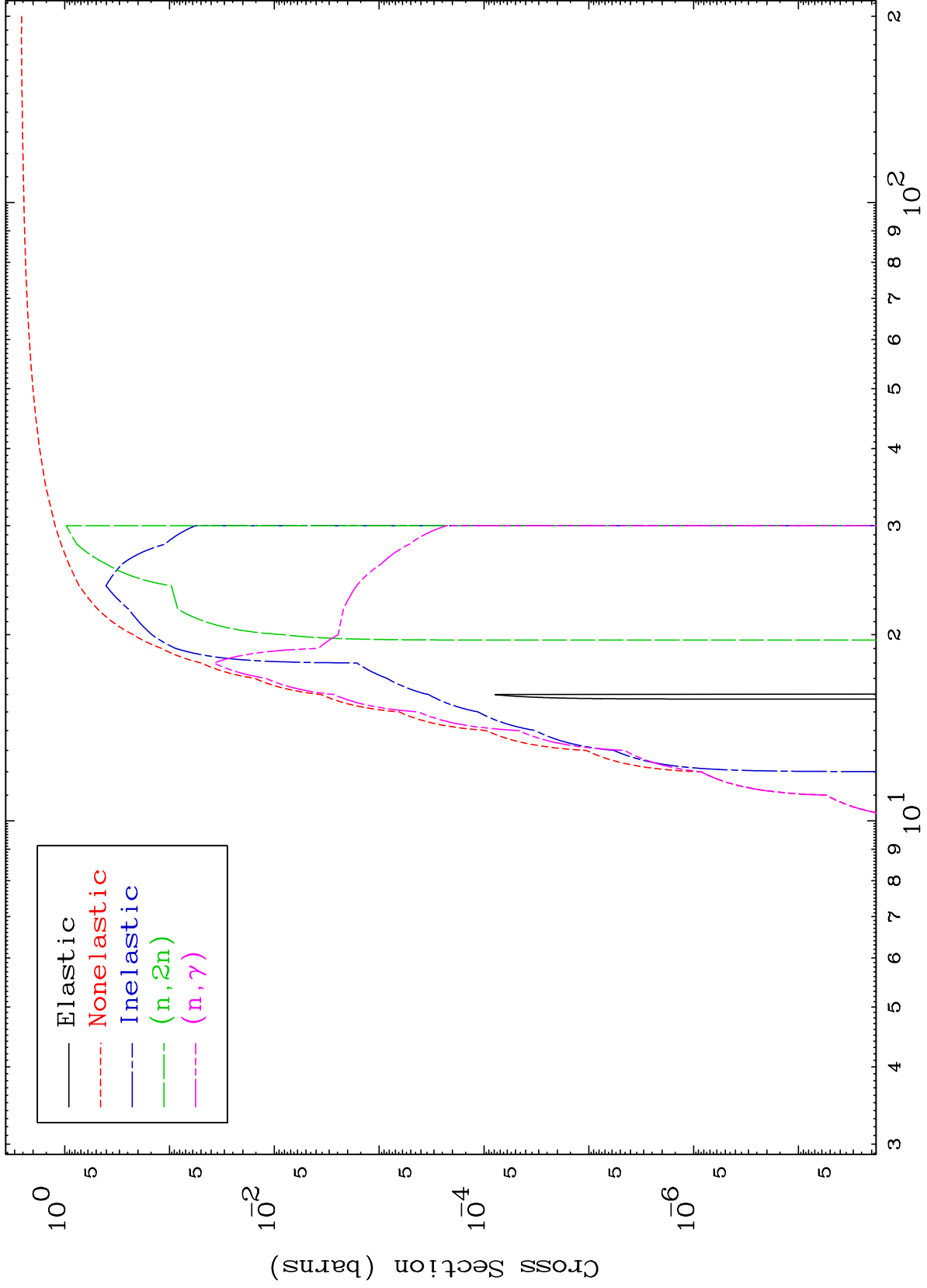
Press Mouse Button to Start

MAT 7113

0 Kelvin

α Major Cross Sections

71-Lu-171



1

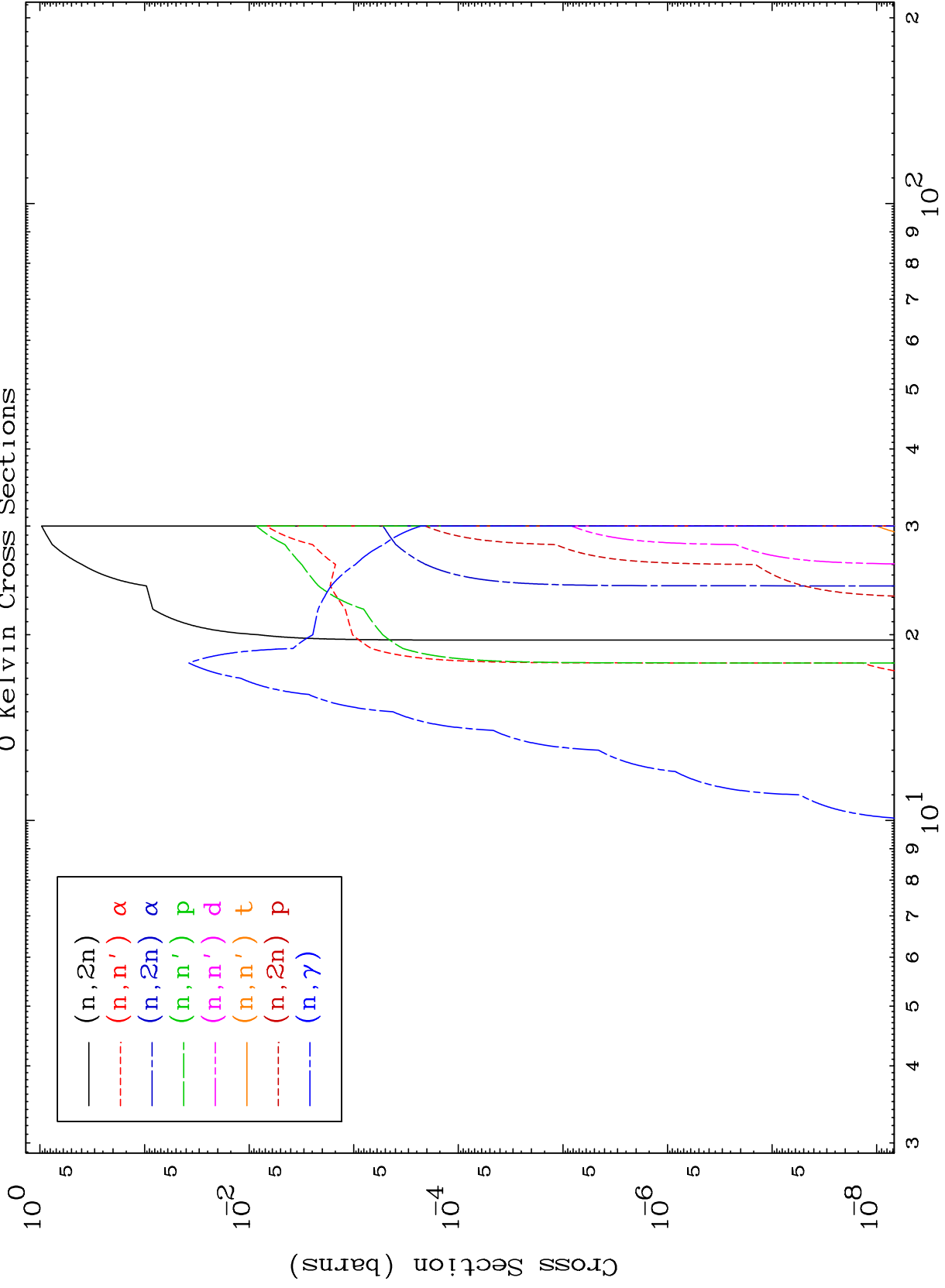
Incident Energy (MeV)

71-Lu-171

MAT 7113

α Neutron Absorption
0 Kelvin Cross Sections

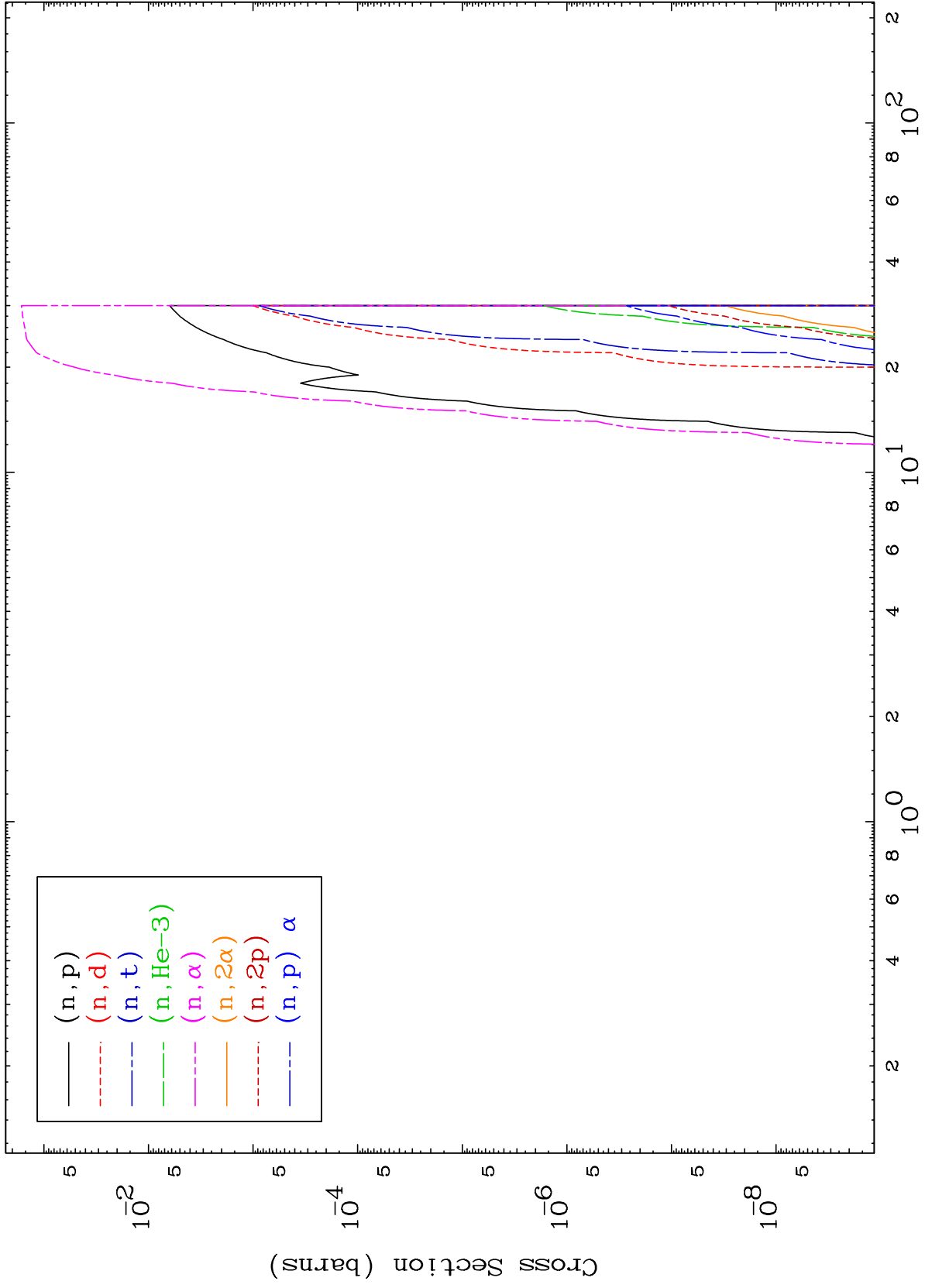
71-Lu-171



2

Incident Energy (MeV)

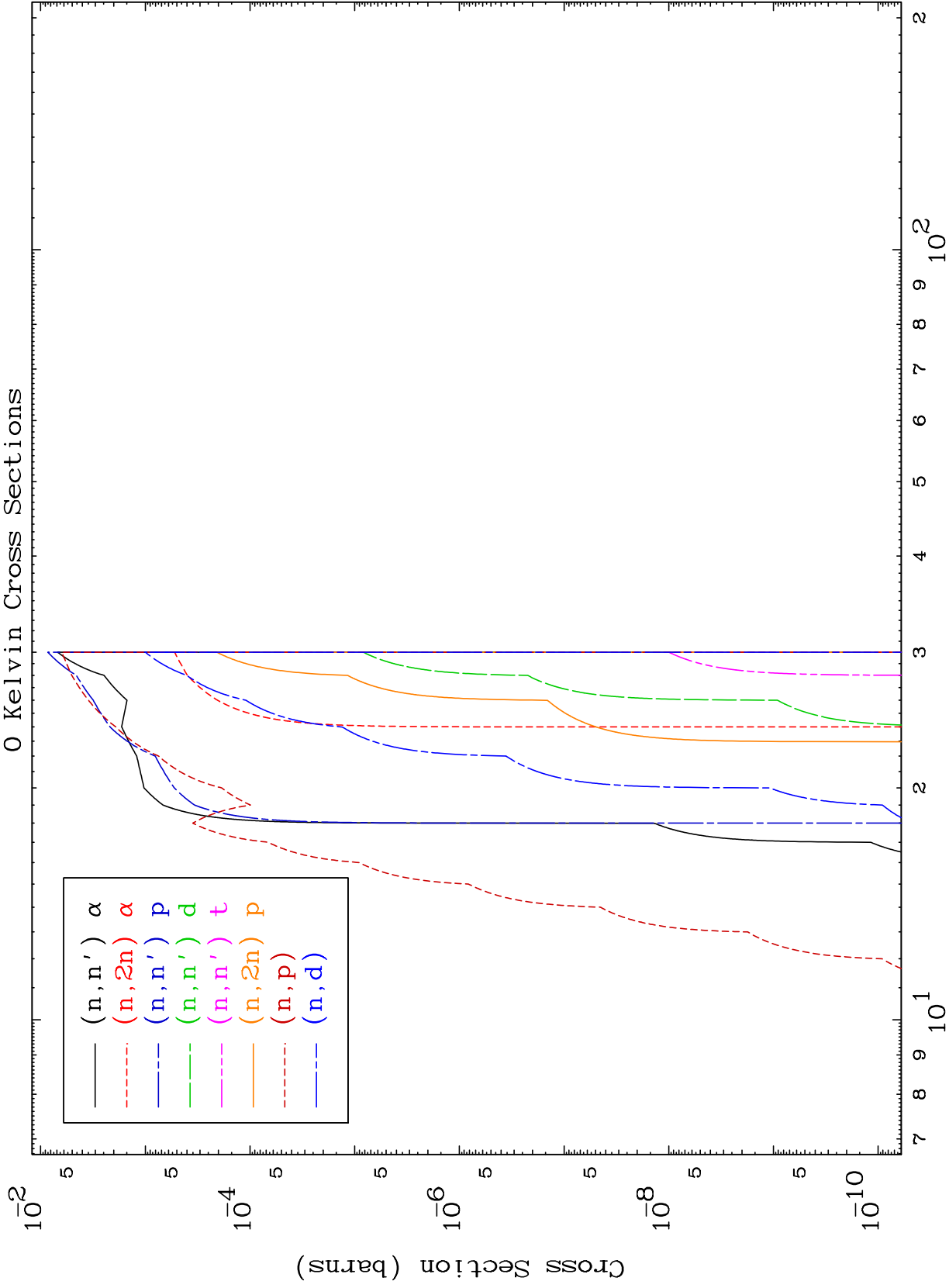
71-Lu-171



MAT 7113

α Charged Particle
0 Kelvin Cross Sections

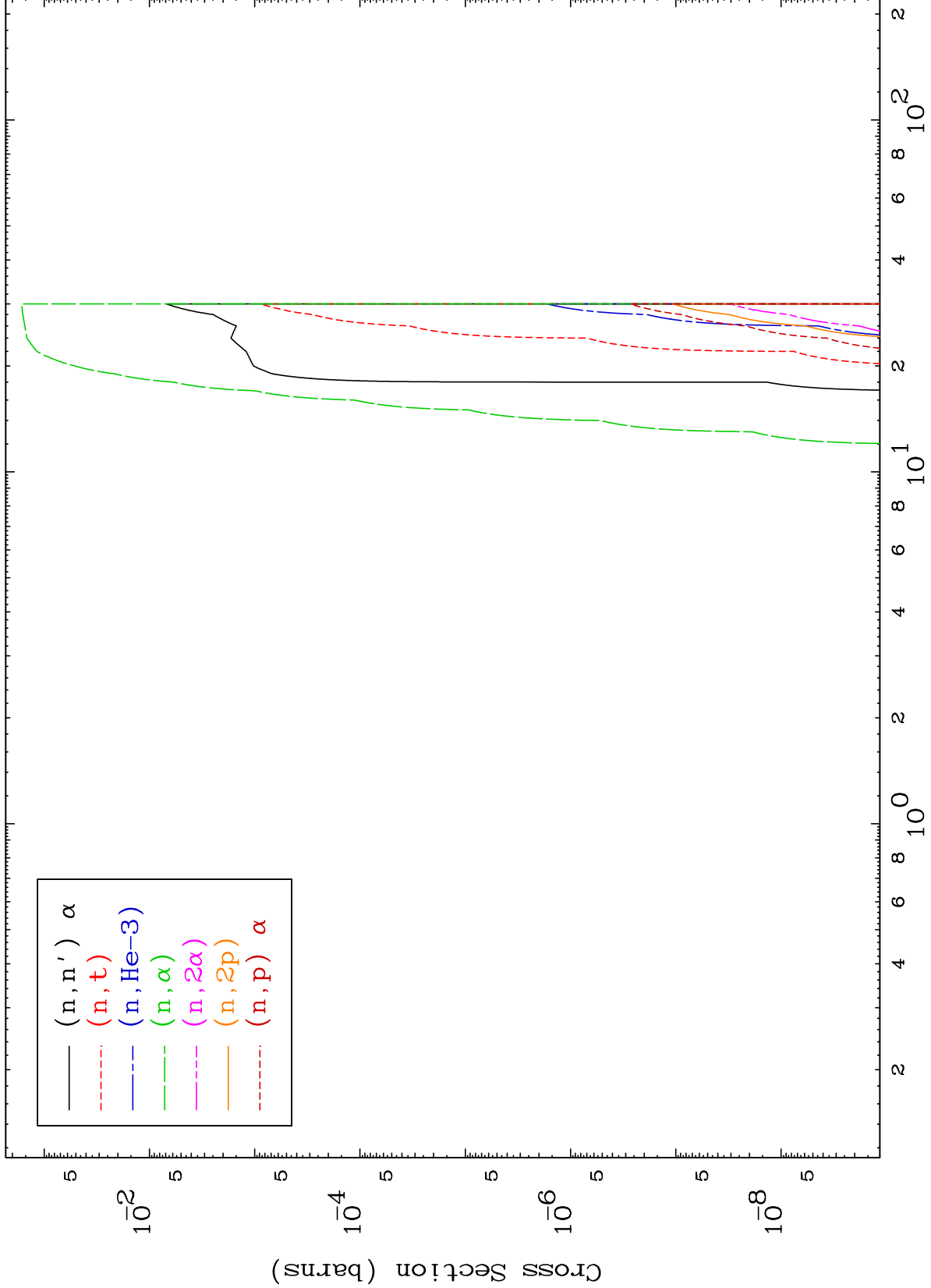
71-Lu-171



4

Incident Energy (MeV)

71-Lu-171

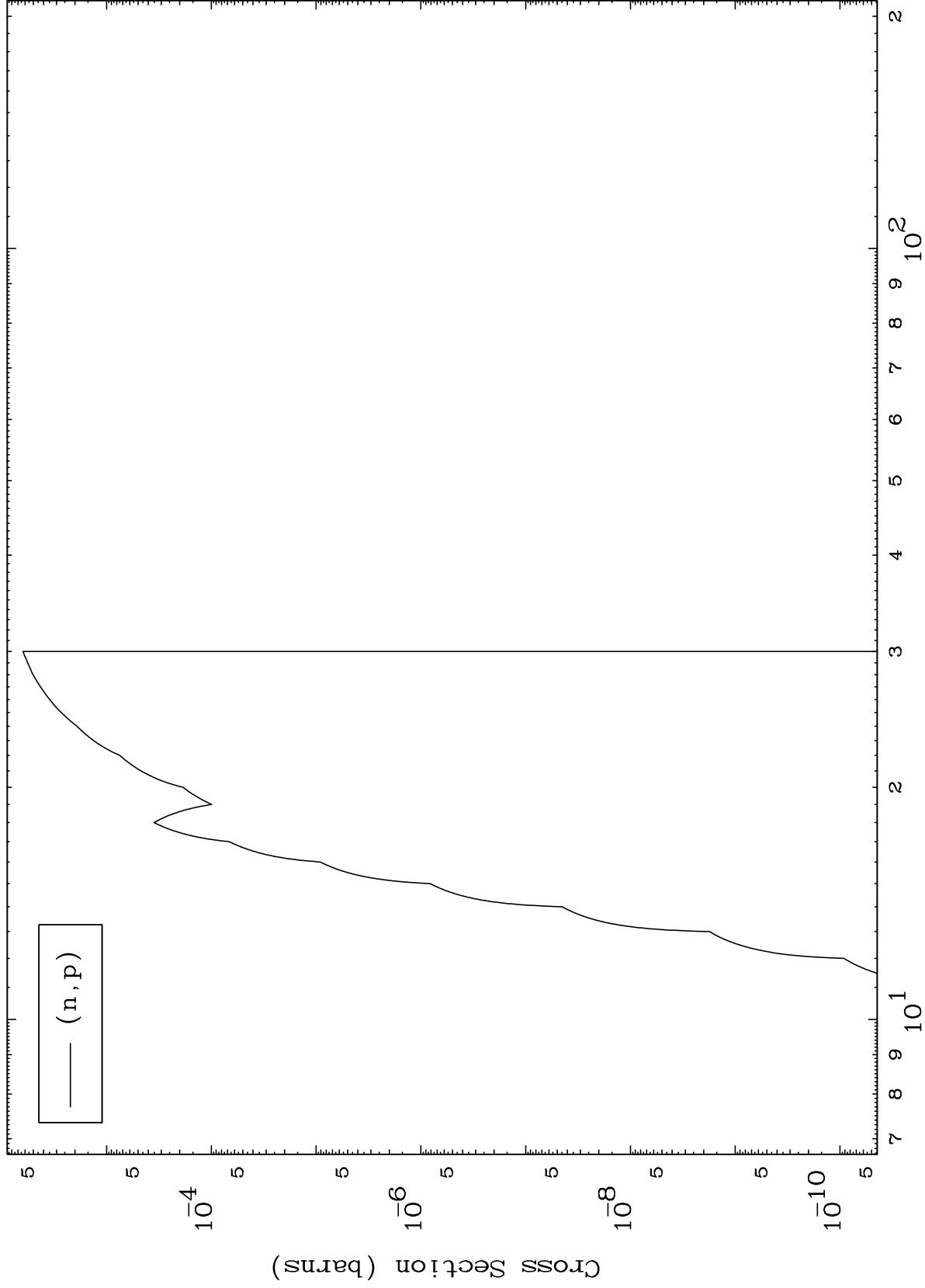


MAT 7113

(α, p) Levels

71-Lu-171

0 Kelvin Cross Sections



Incident Energy (MeV)

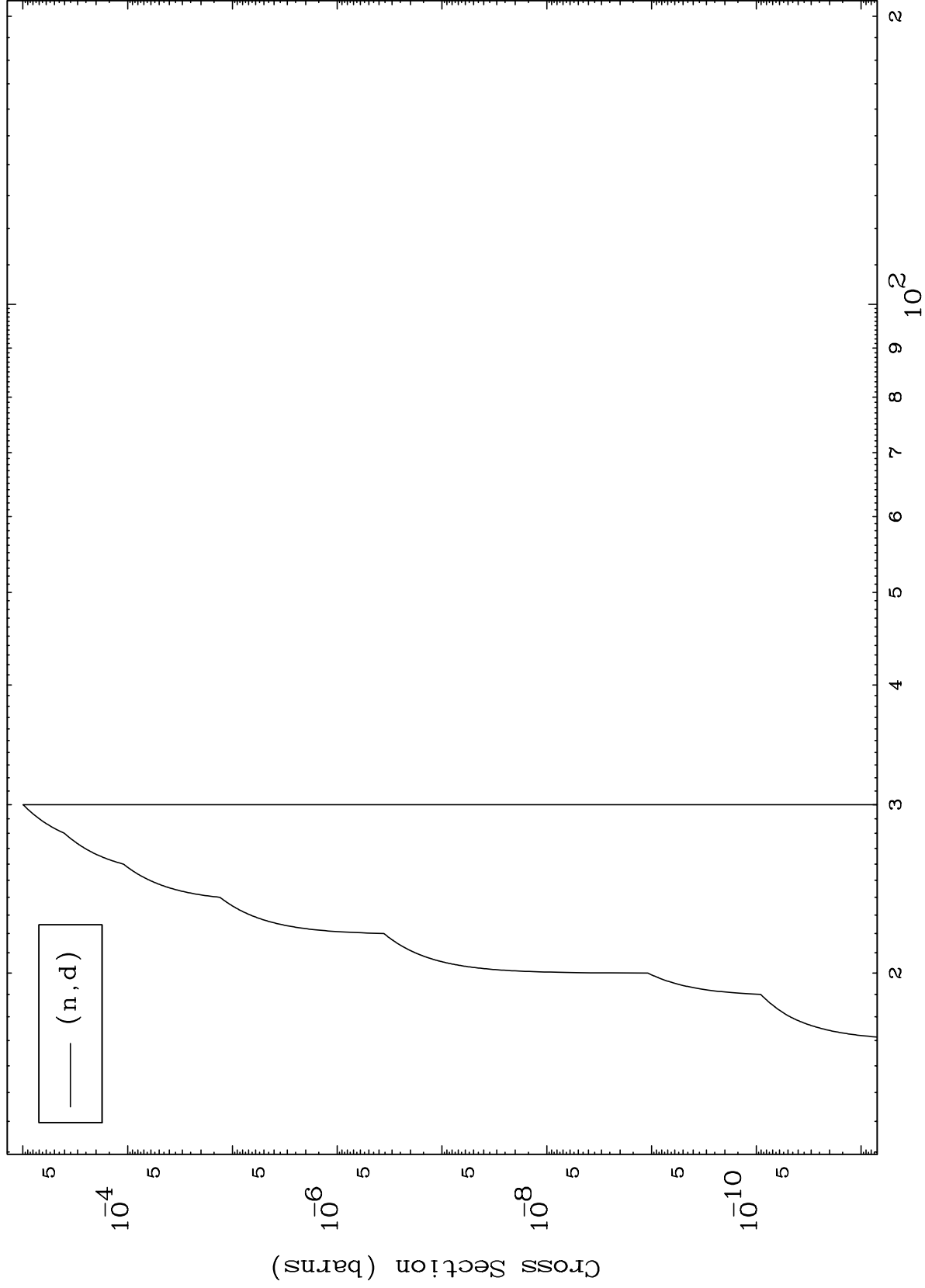
71-Lu-171

6

MAT 7113

(α, d) Levels
0 Kelvin Cross Sections

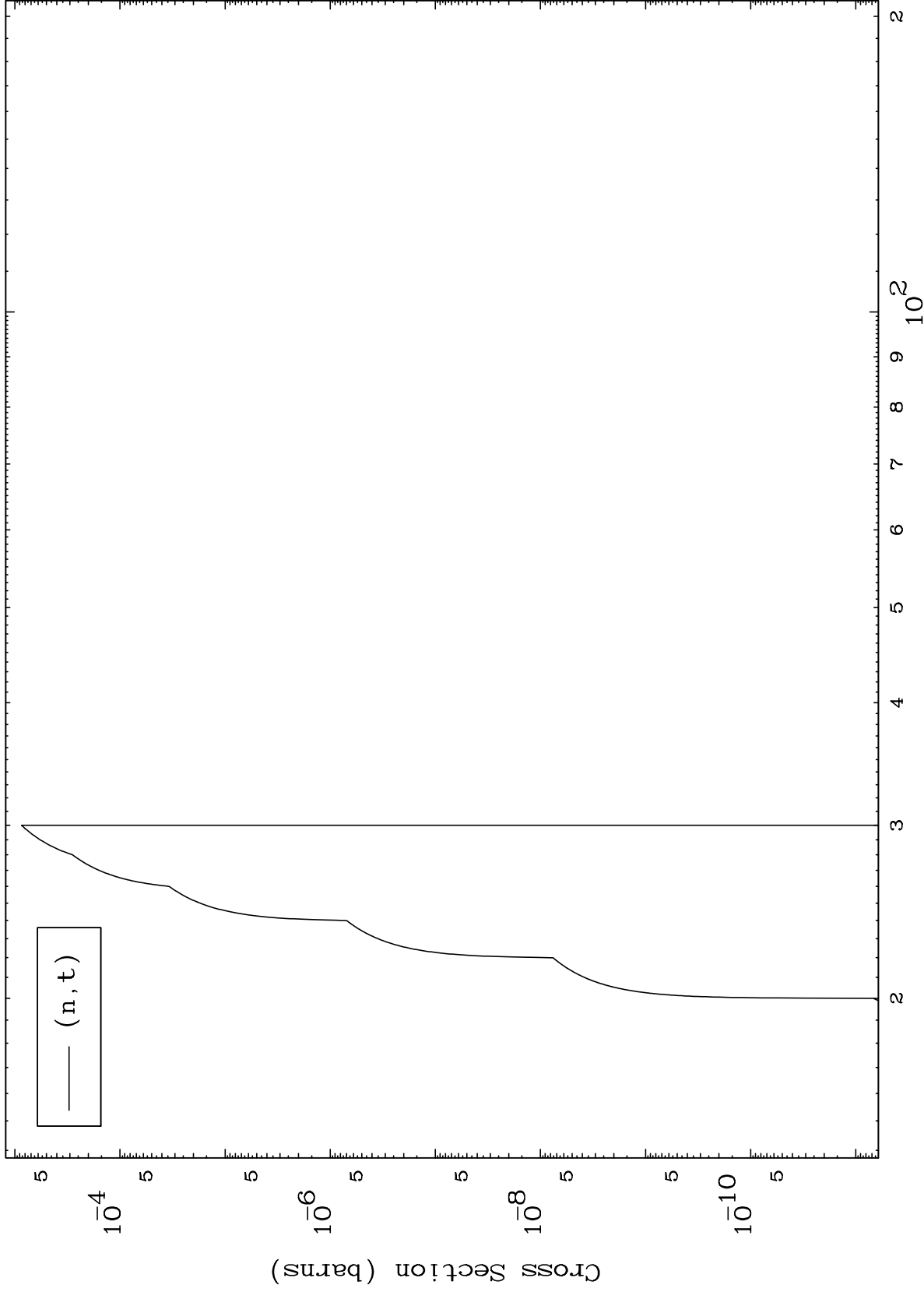
71-Lu-171

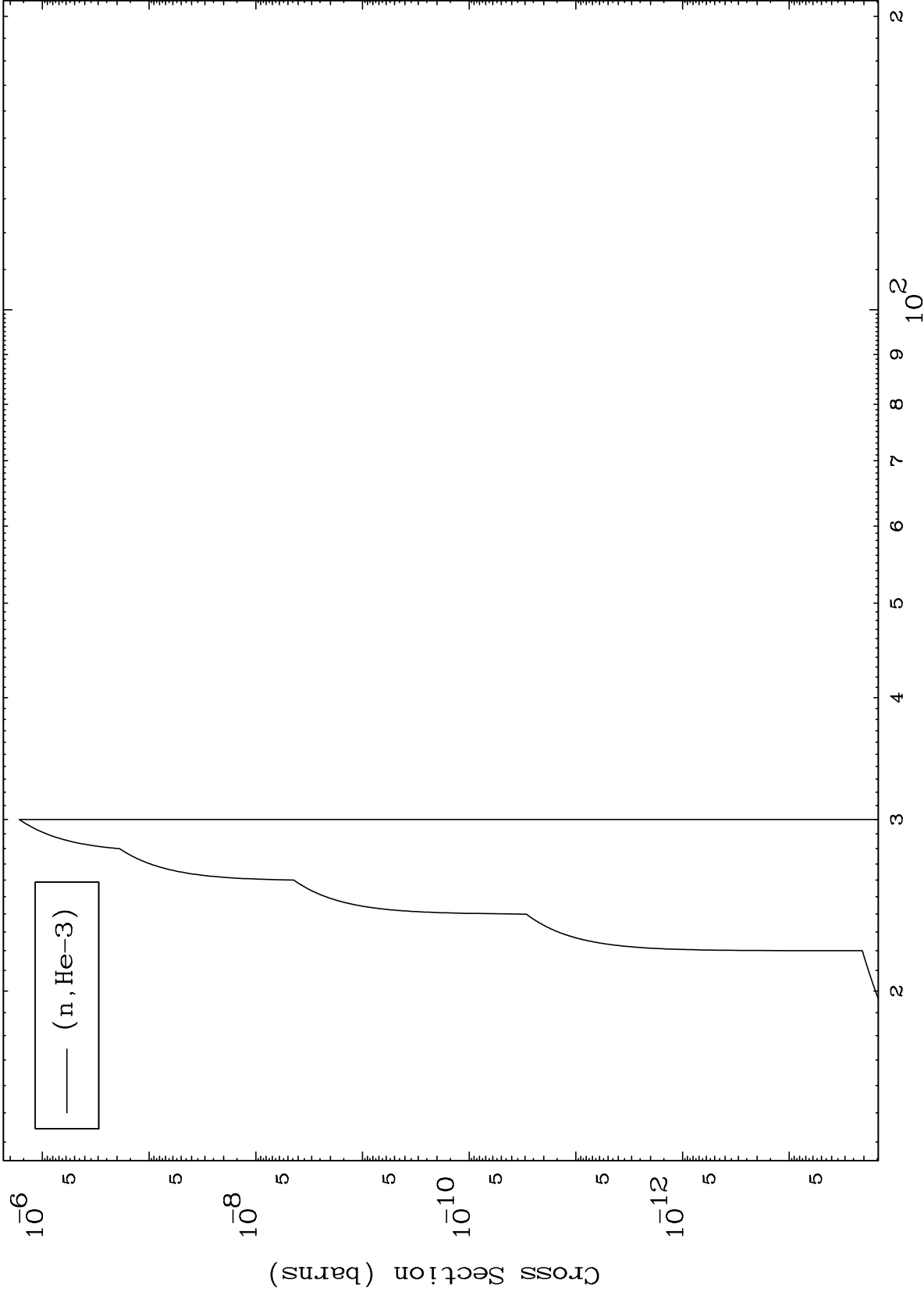


7

Incident Energy (MeV)

71-Lu-171



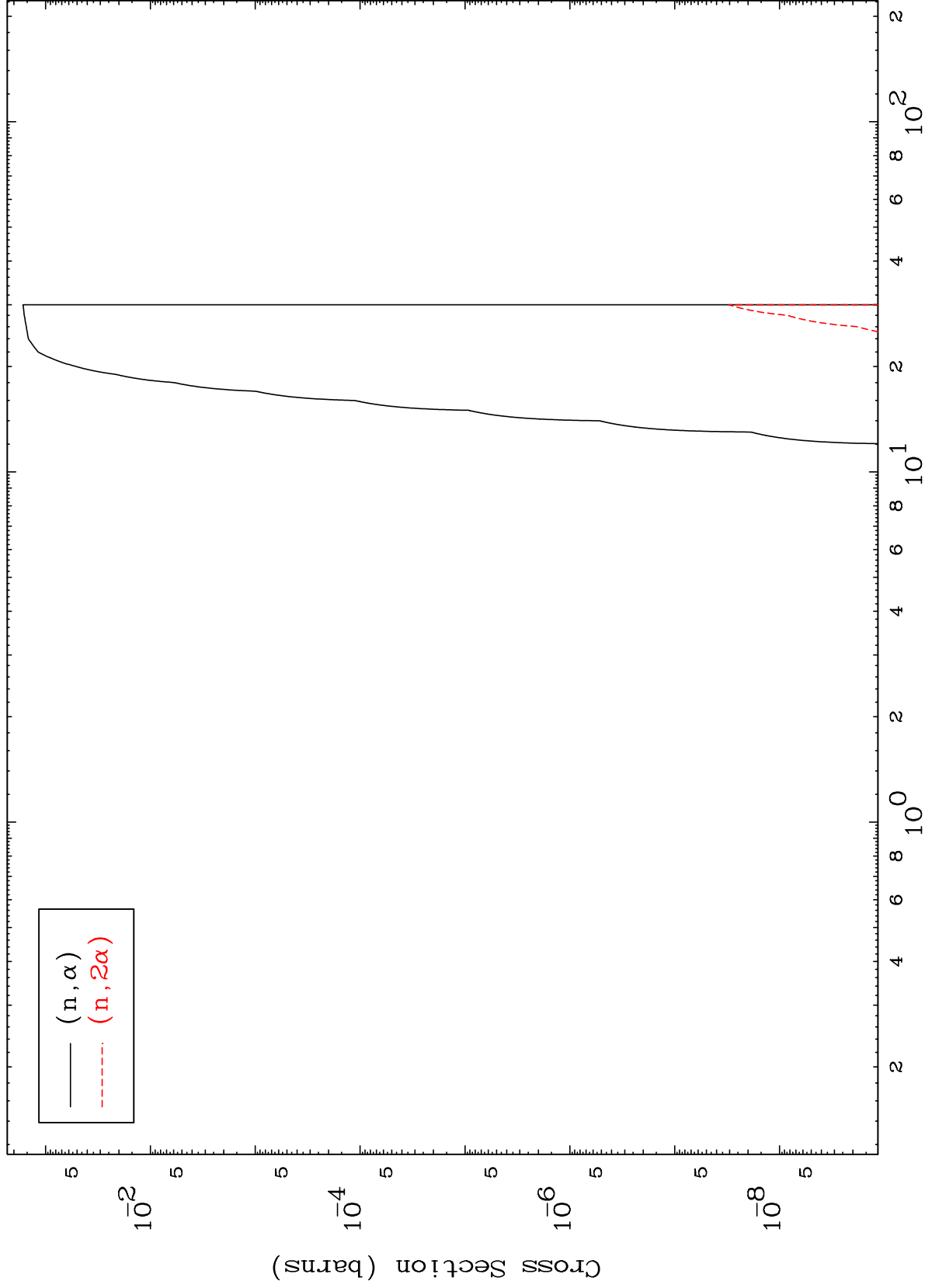


MAT 7113

(α, α) Levels

71-Lu-171

0 Kelvin Cross Sections



10

Incident Energy (MeV)

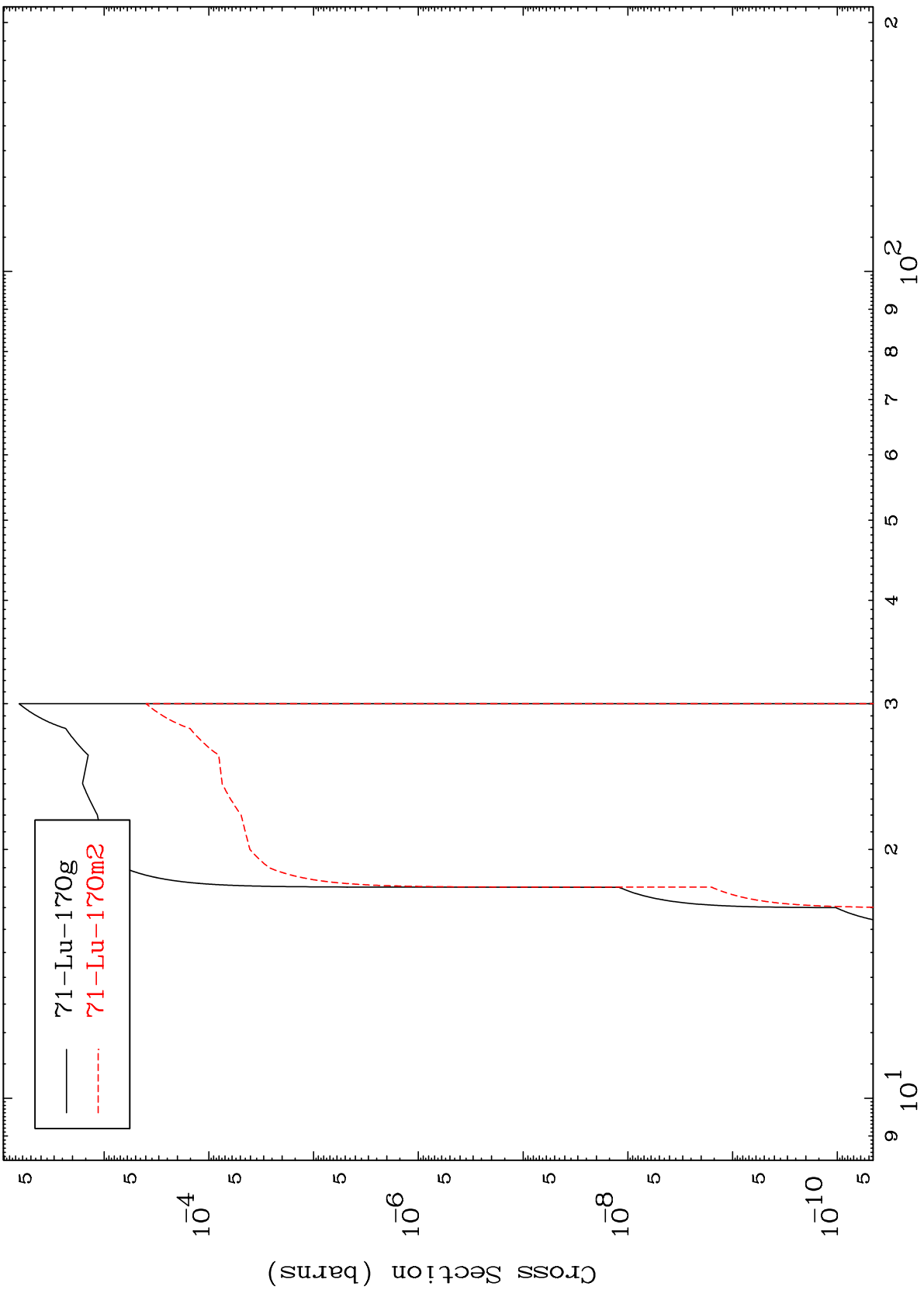
71-Lu-171

MAT 7113

(n,n') α

⁷¹Lu-171

Radionuclide Production Cross Section



11

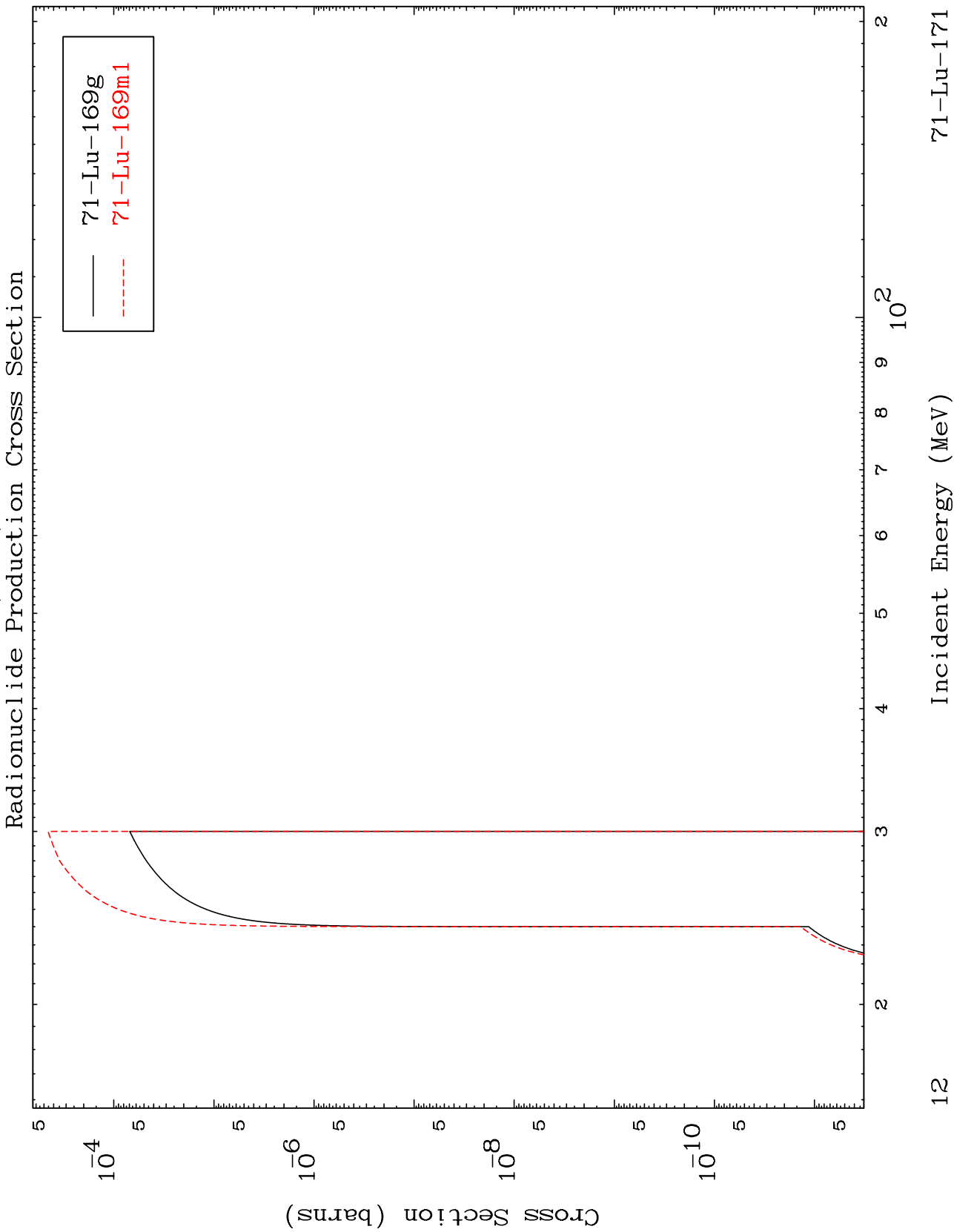
Incident Energy (MeV)

⁷¹Lu-171

MAT 7113

(n,2n) α

71-Lu-171



12

Incident Energy (MeV)

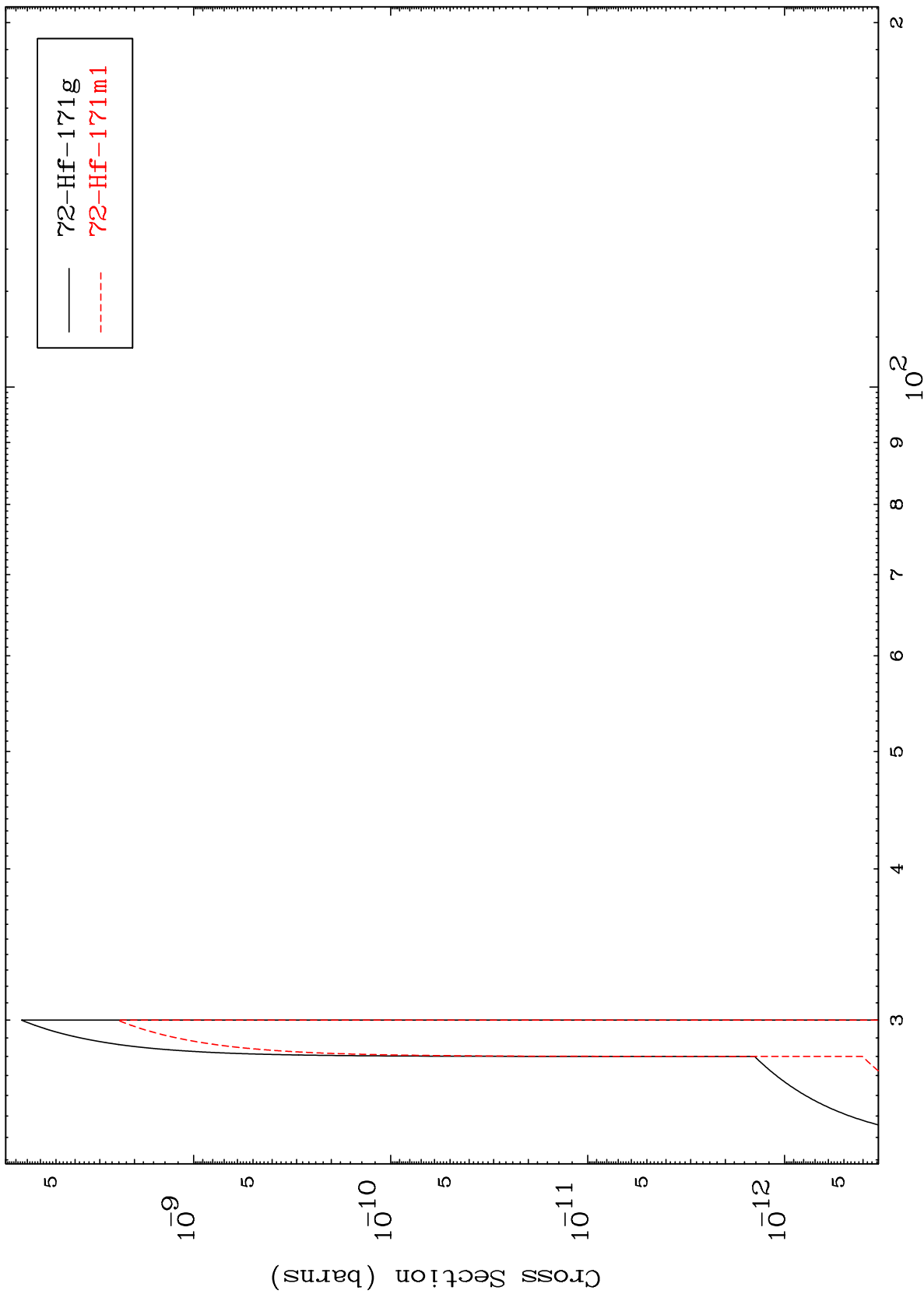
71-Lu-171

MAT 7113

(n,n') t

71-Lu-171

Radionuclide Production Cross Section



13

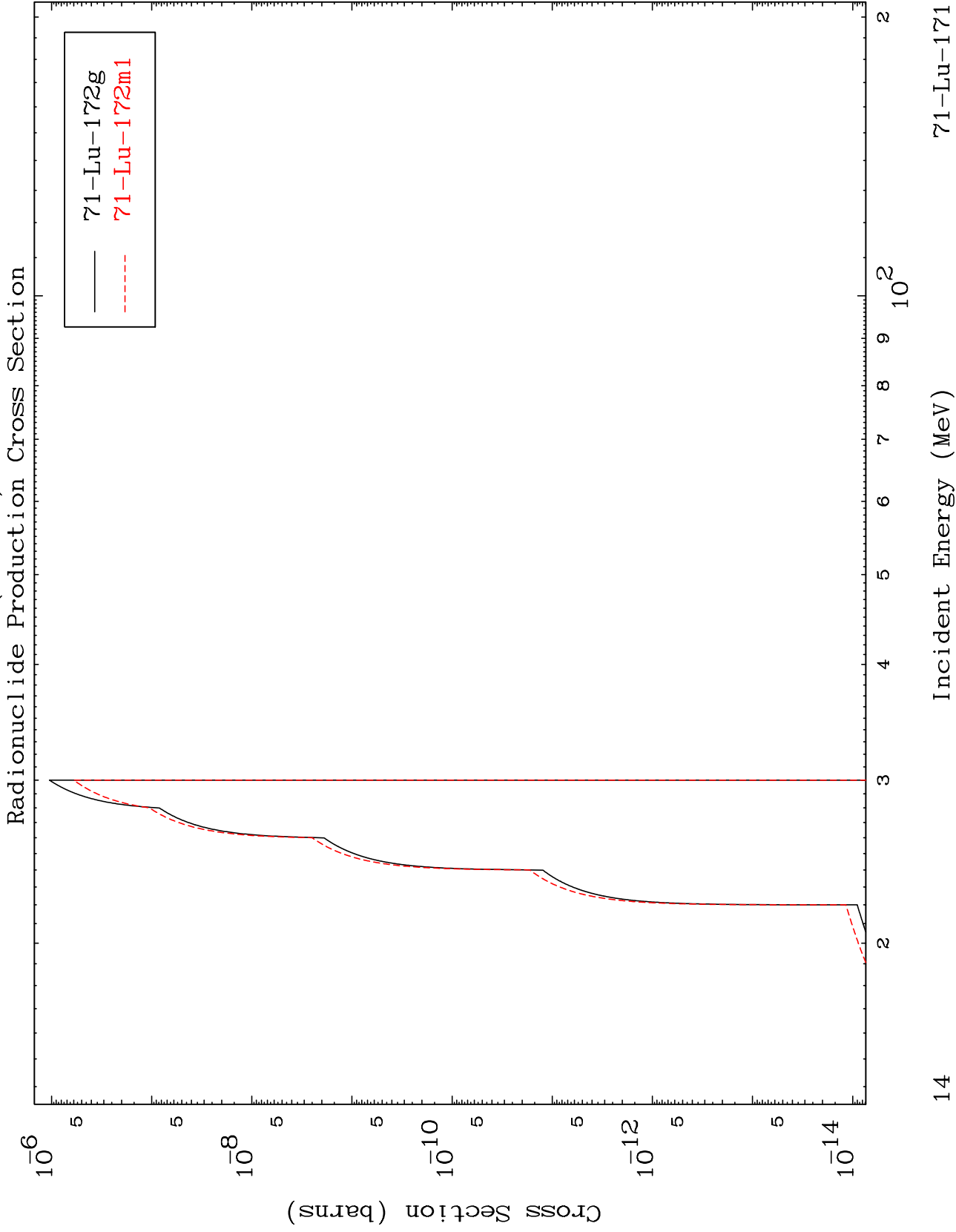
Incident Energy (MeV)

71-Lu-171

MAT 7113

(n,He-3)

71-Lu-171



14

Incident Energy (MeV)

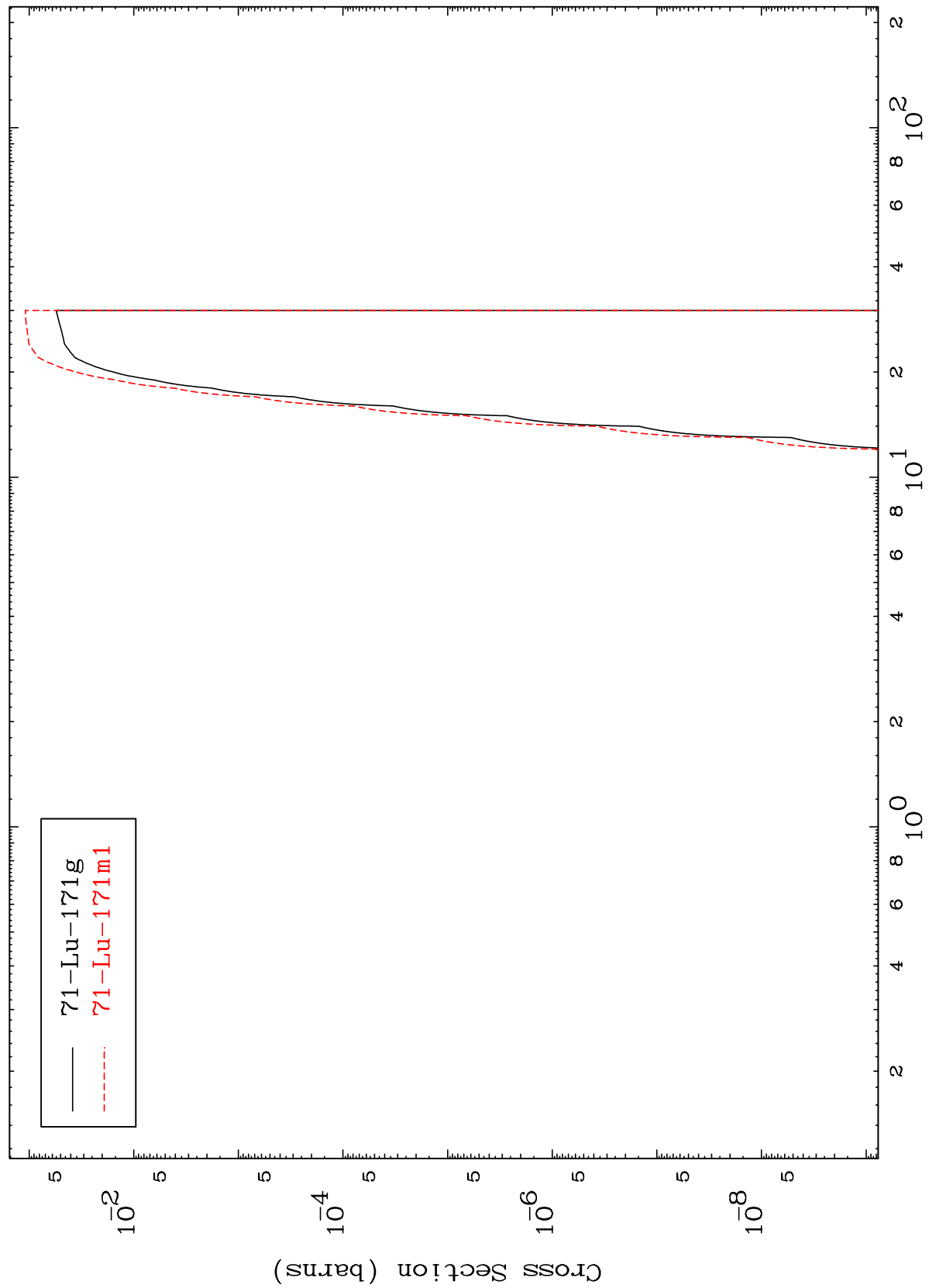
71-Lu-171

MAT 7113

(n, α)

⁷¹Lu-171

Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁷¹Lu-171