

Program EVALPLOT
(Version 2018-1)

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

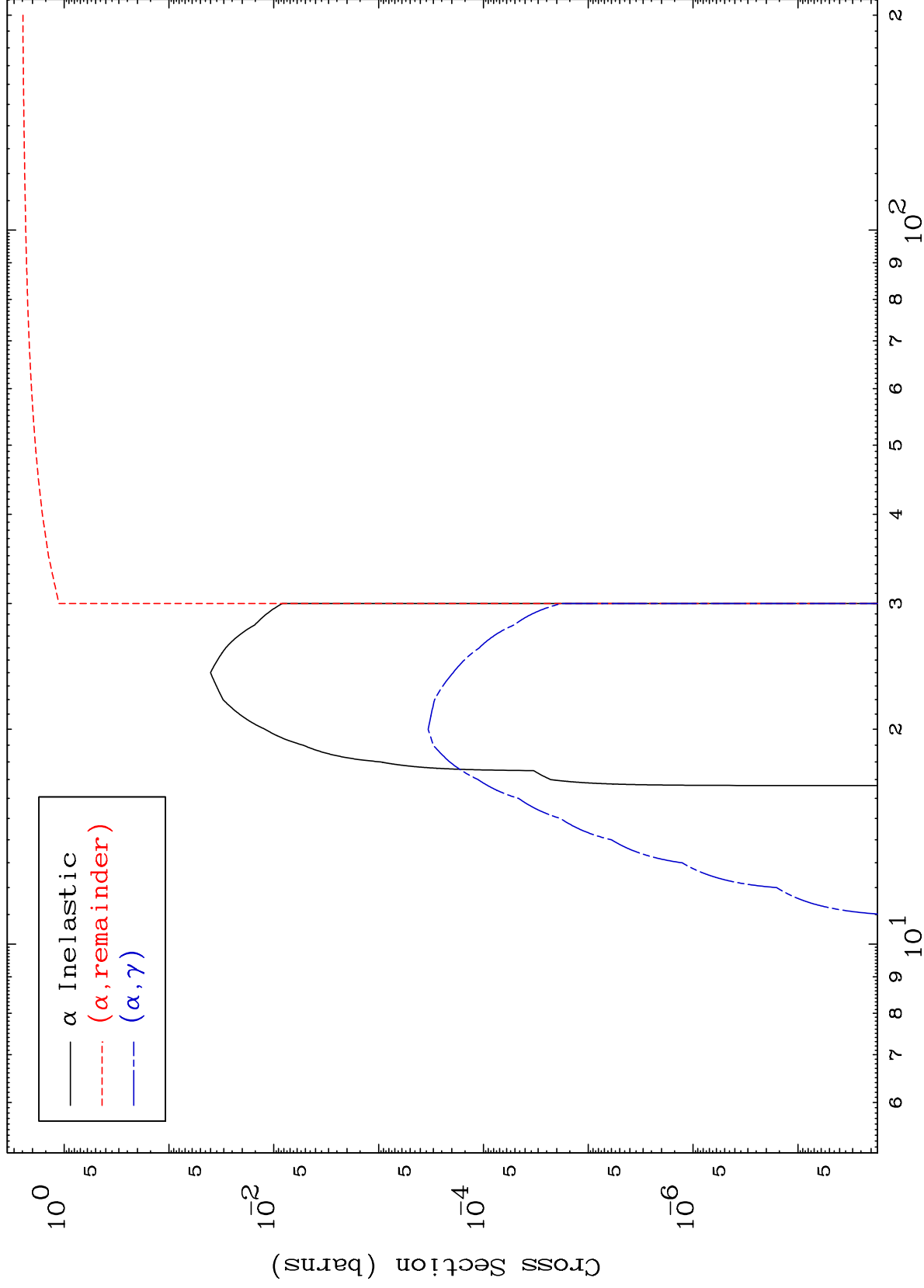
Press Mouse Button to Start

MAT 7071

α Major

71-Lu-157

0 Kelvin Cross Sections



1

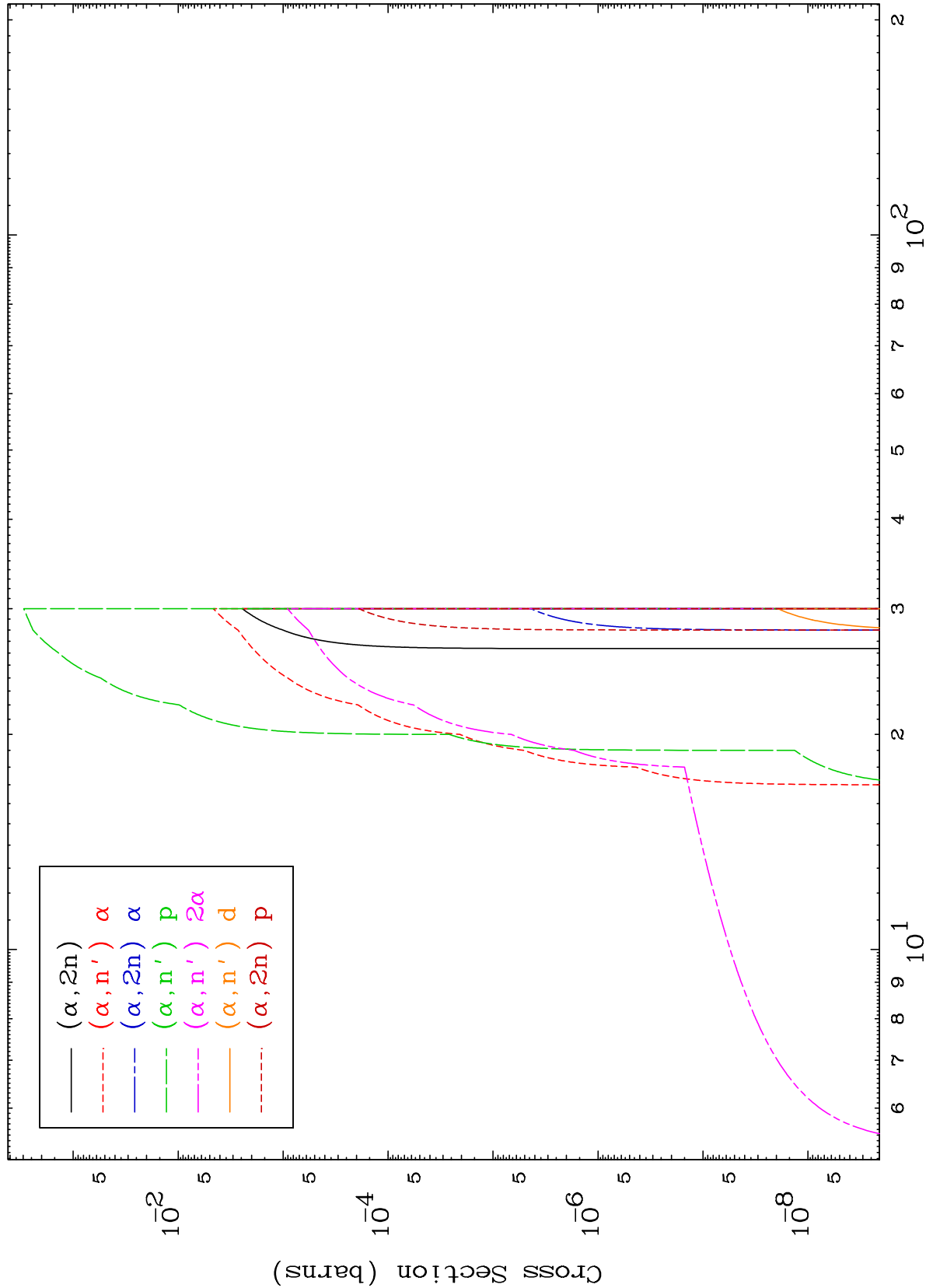
Incident Energy (MeV)

71-Lu-157

MAT 7071

α Neutron Production
0 Kelvin Cross Sections

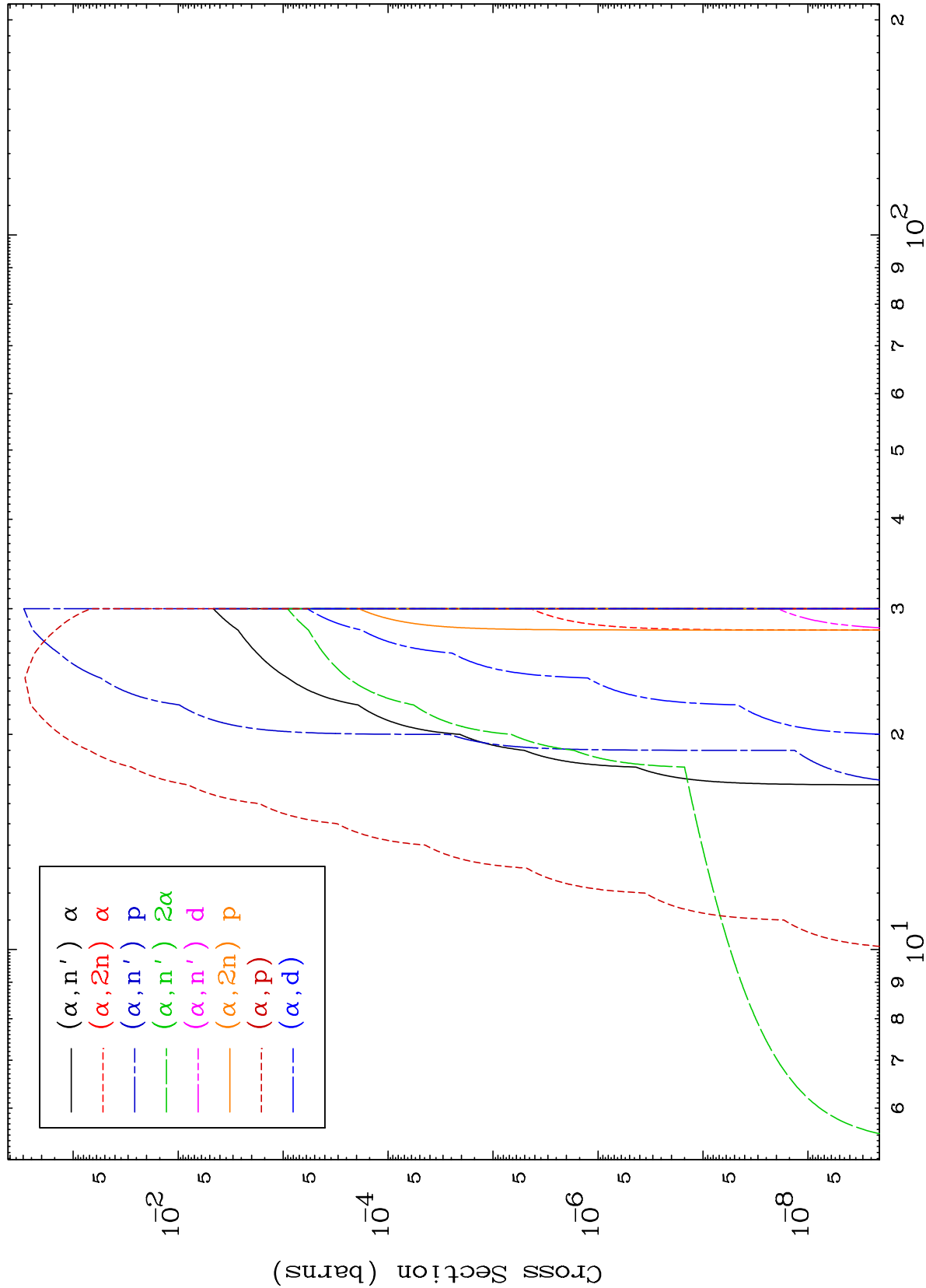
71-Lu-157



2

Incident Energy (MeV)

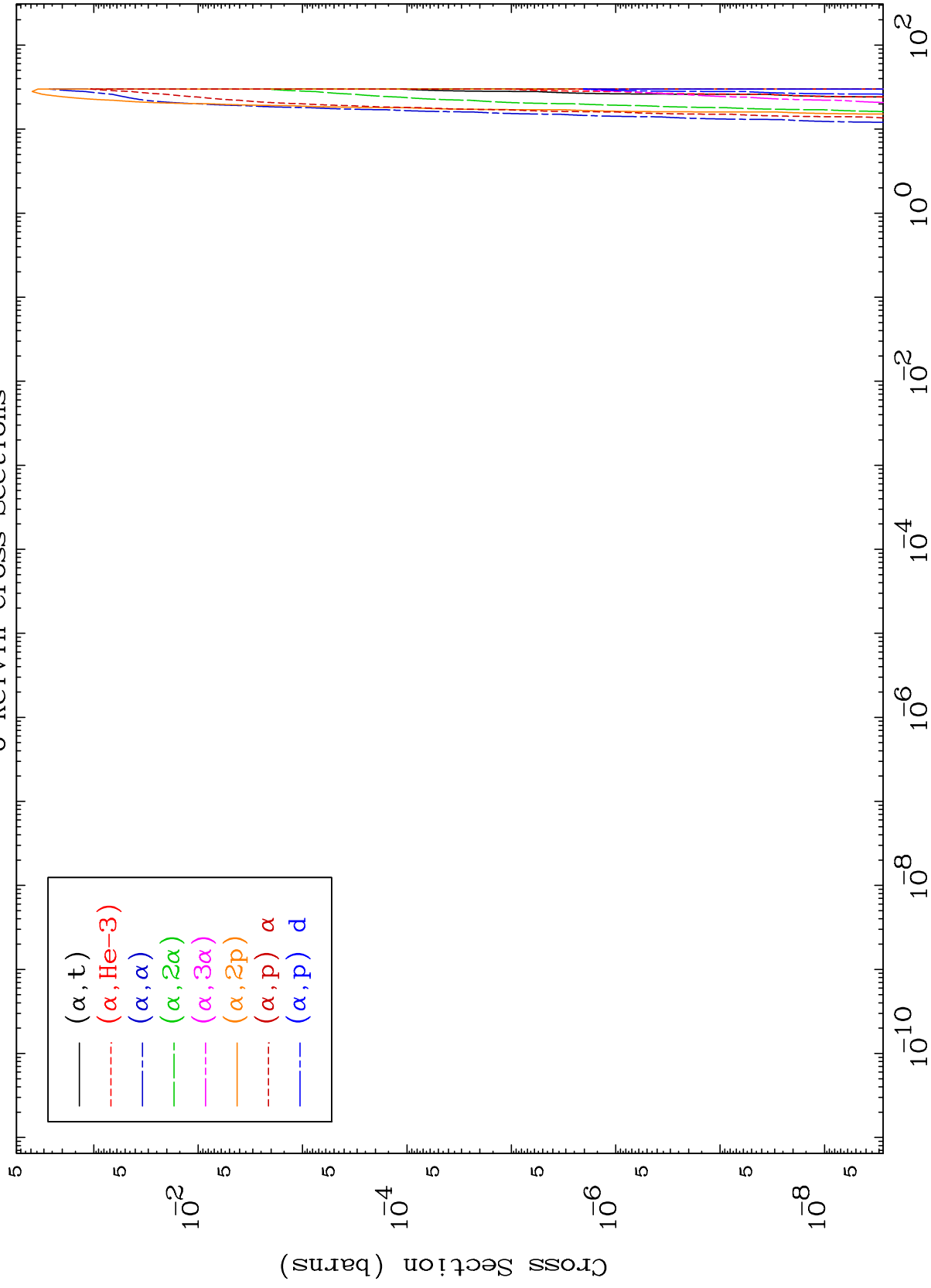
71-Lu-157



MAT 7071

α Charged Particle
0 Kelvin Cross Sections

71-Lu-157



4

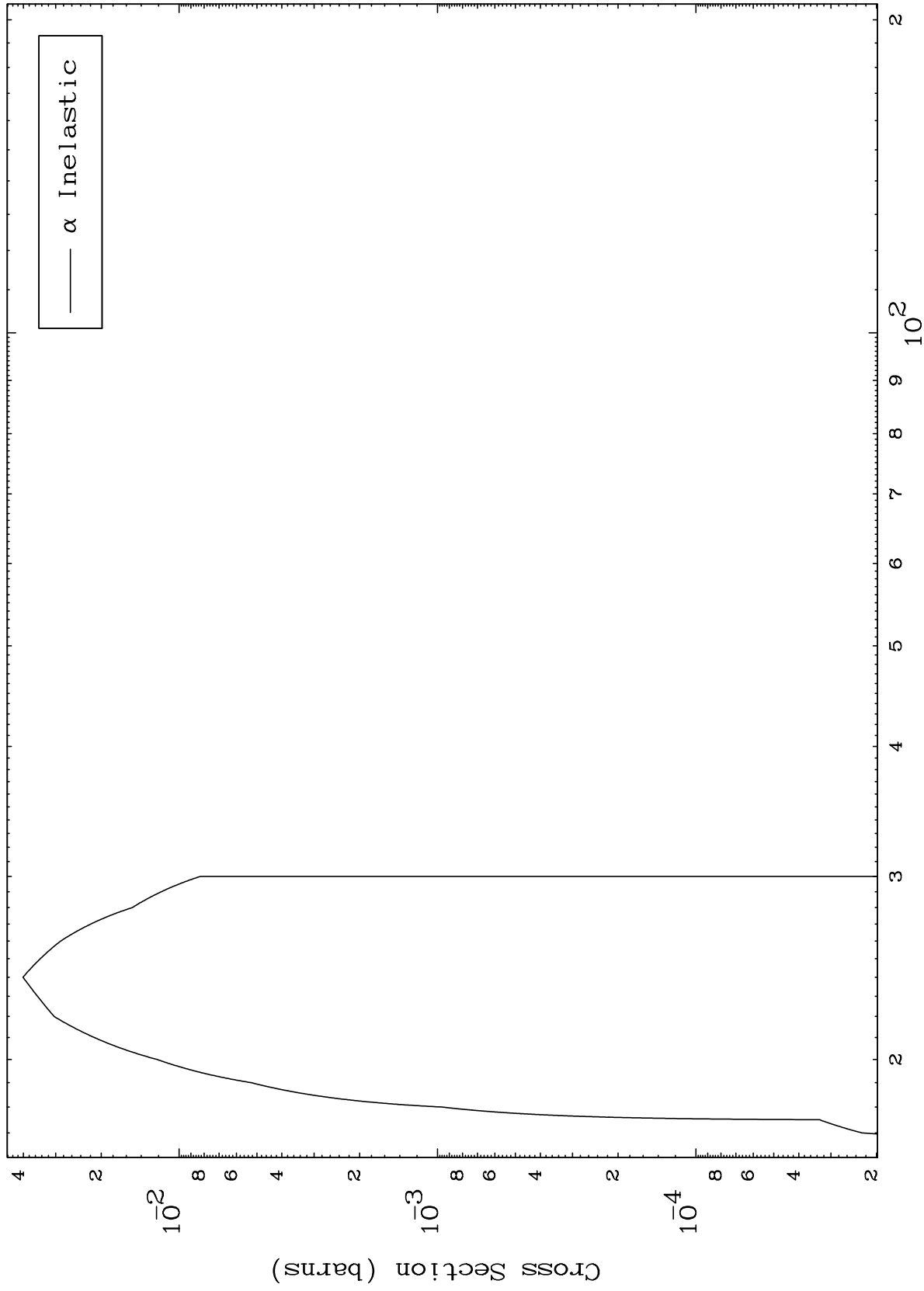
Incident Energy (MeV)

71-Lu-157

MAT 7071

(α, n') Level
0 Kelvin Cross Sections

71-Lu-157



5

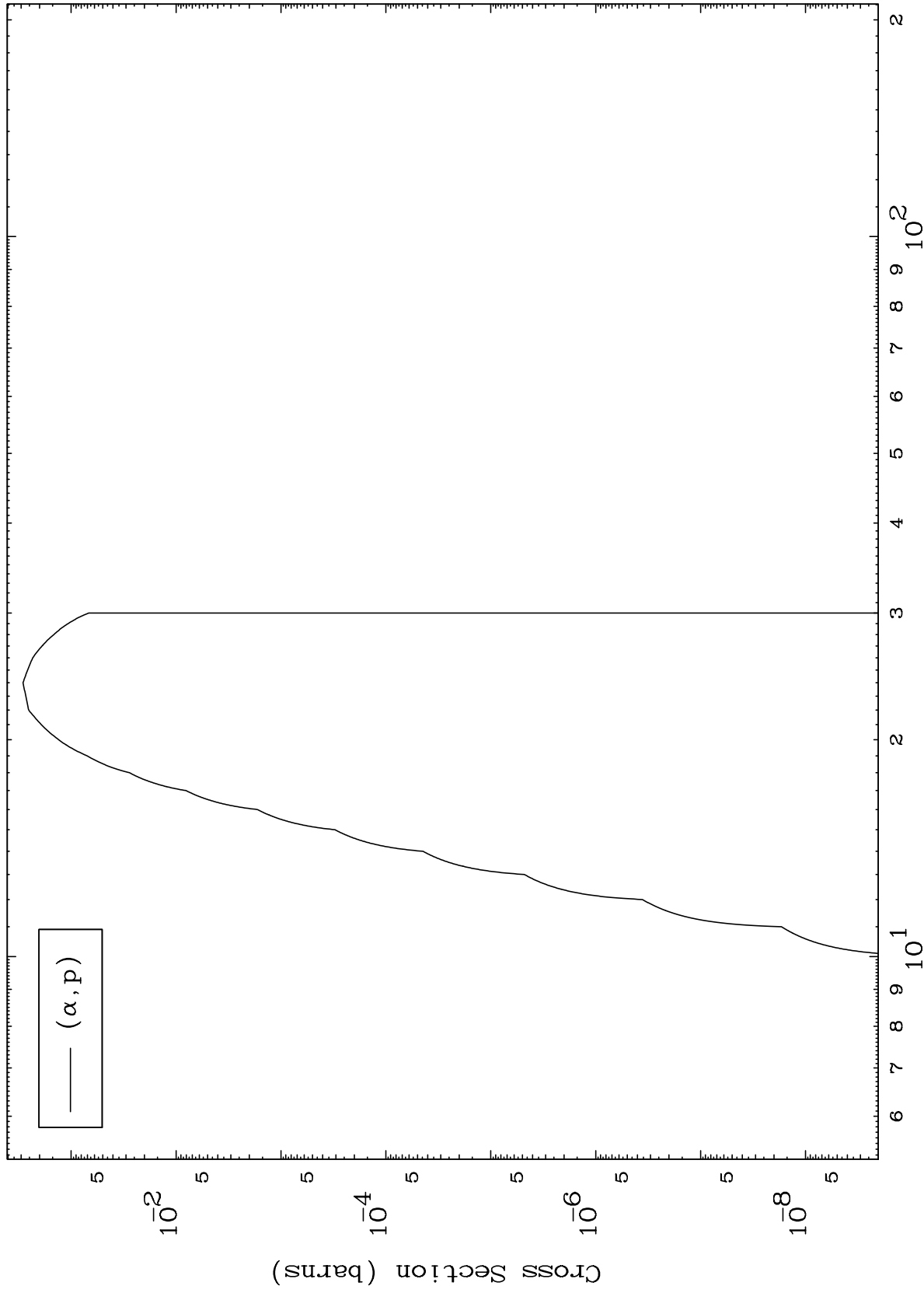
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

(α ,p) Levels
0 Kelvin Cross Sections



6

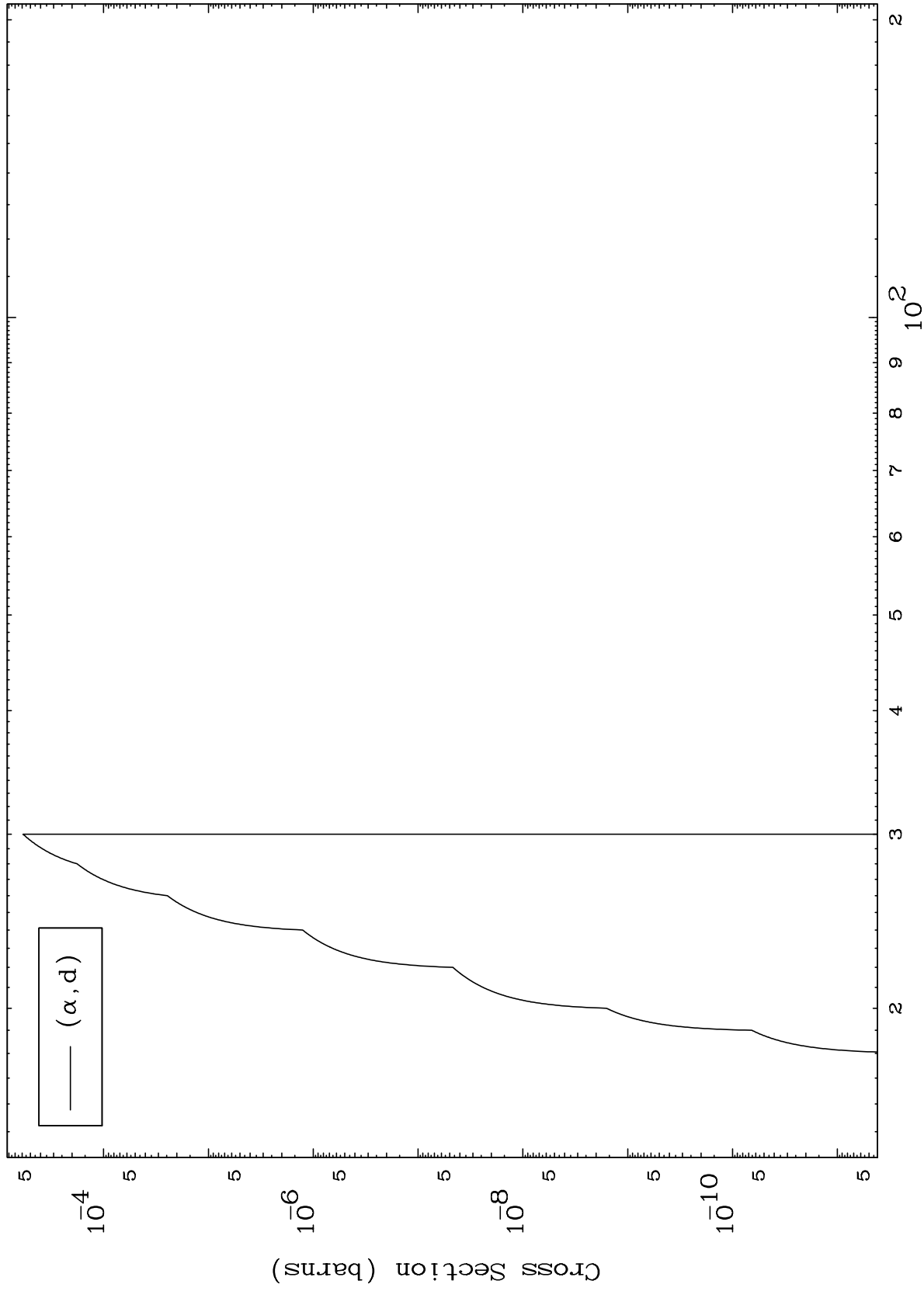
Incident Energy (MeV)

71-Lu-157

MAT 7071

(α ,d) Levels
0 Kelvin Cross Sections

71-Lu-157



7

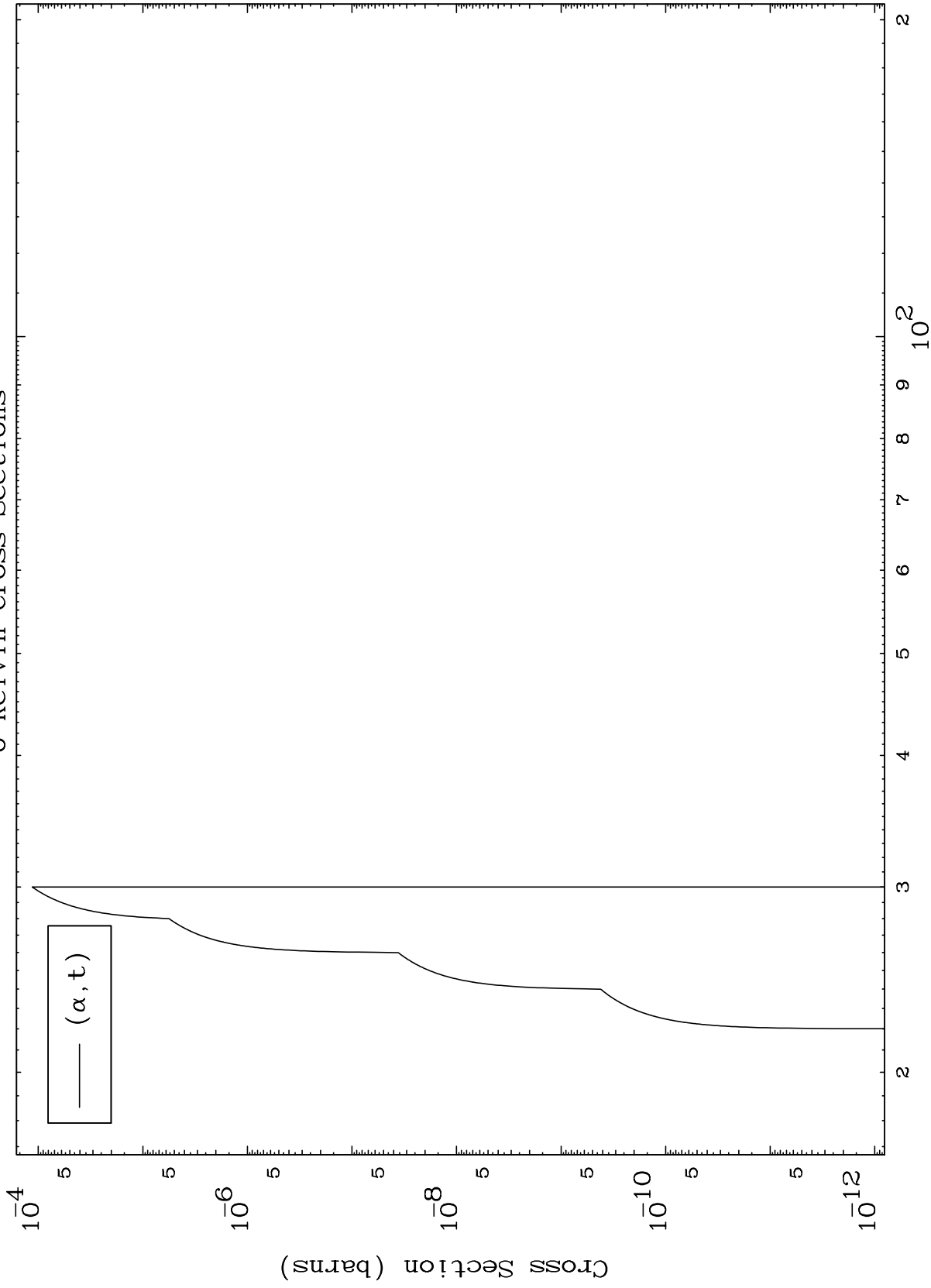
Incident Energy (MeV)

71-Lu-157

MAT 7071

(α ,t) Levels
0 Kelvin Cross Sections

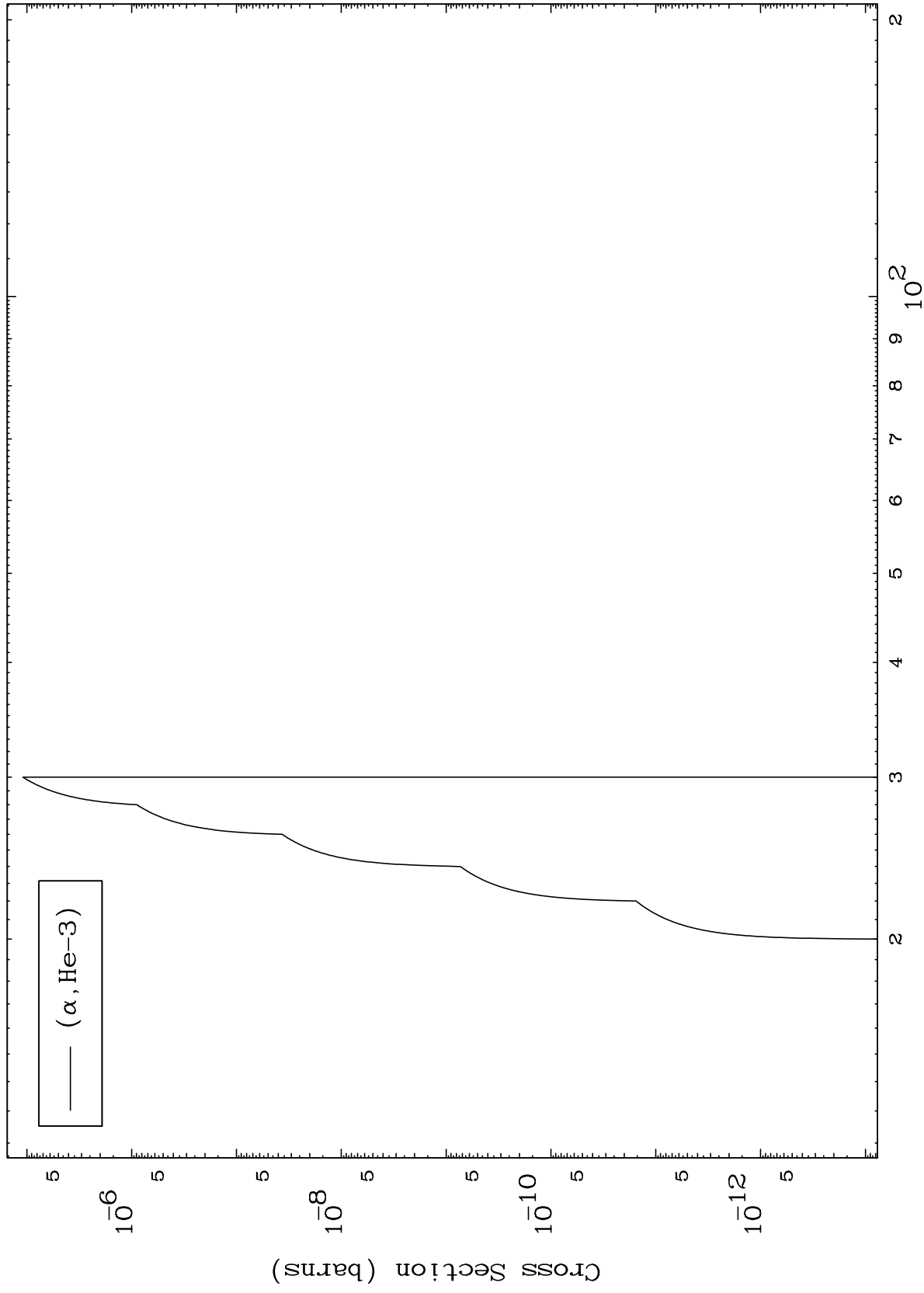
71-Lu-157



8

Incident Energy (MeV)

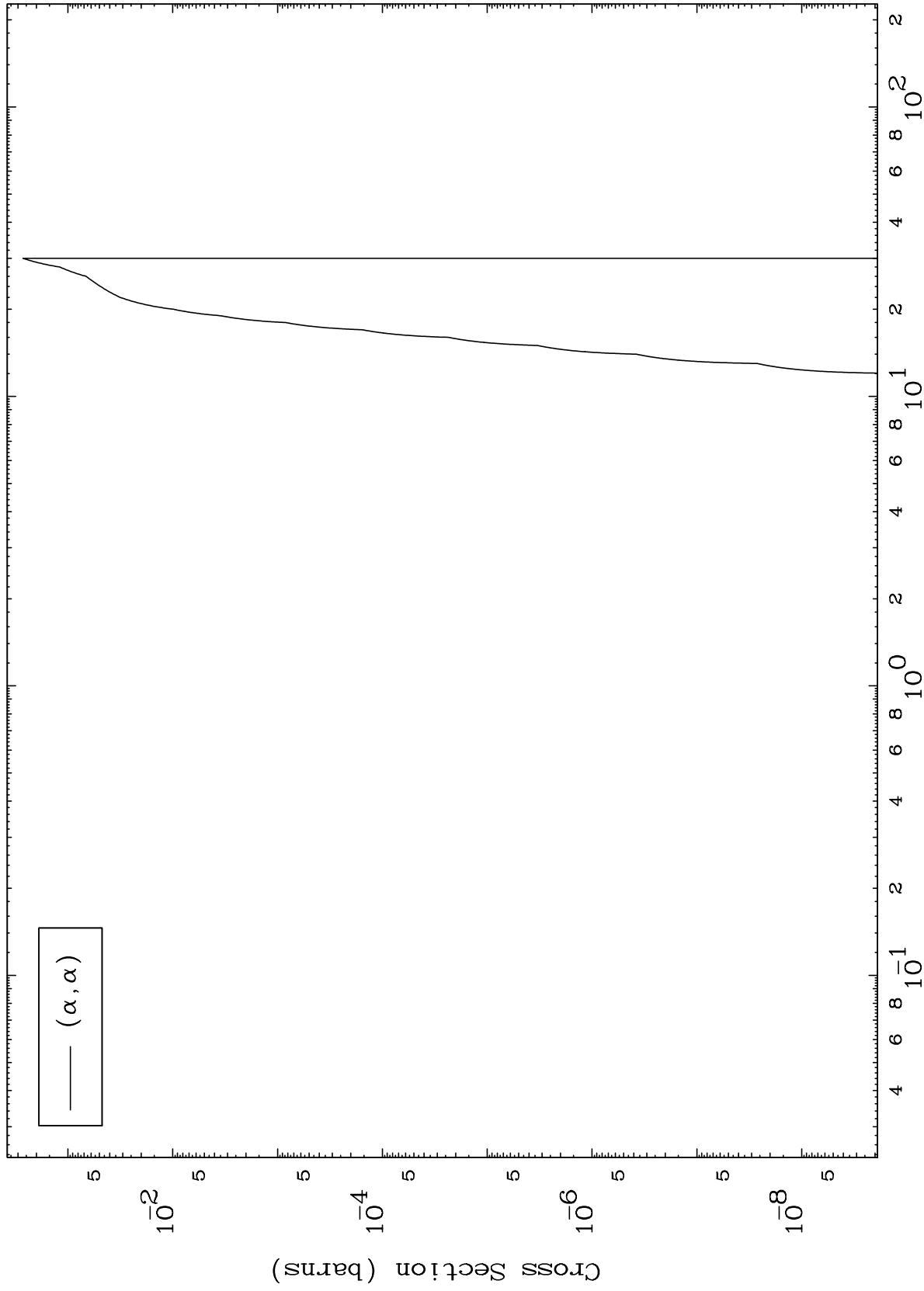
71-Lu-157



MAT 7071

(α, α) Levels
0 Kelvin Cross Sections

71-Lu-157

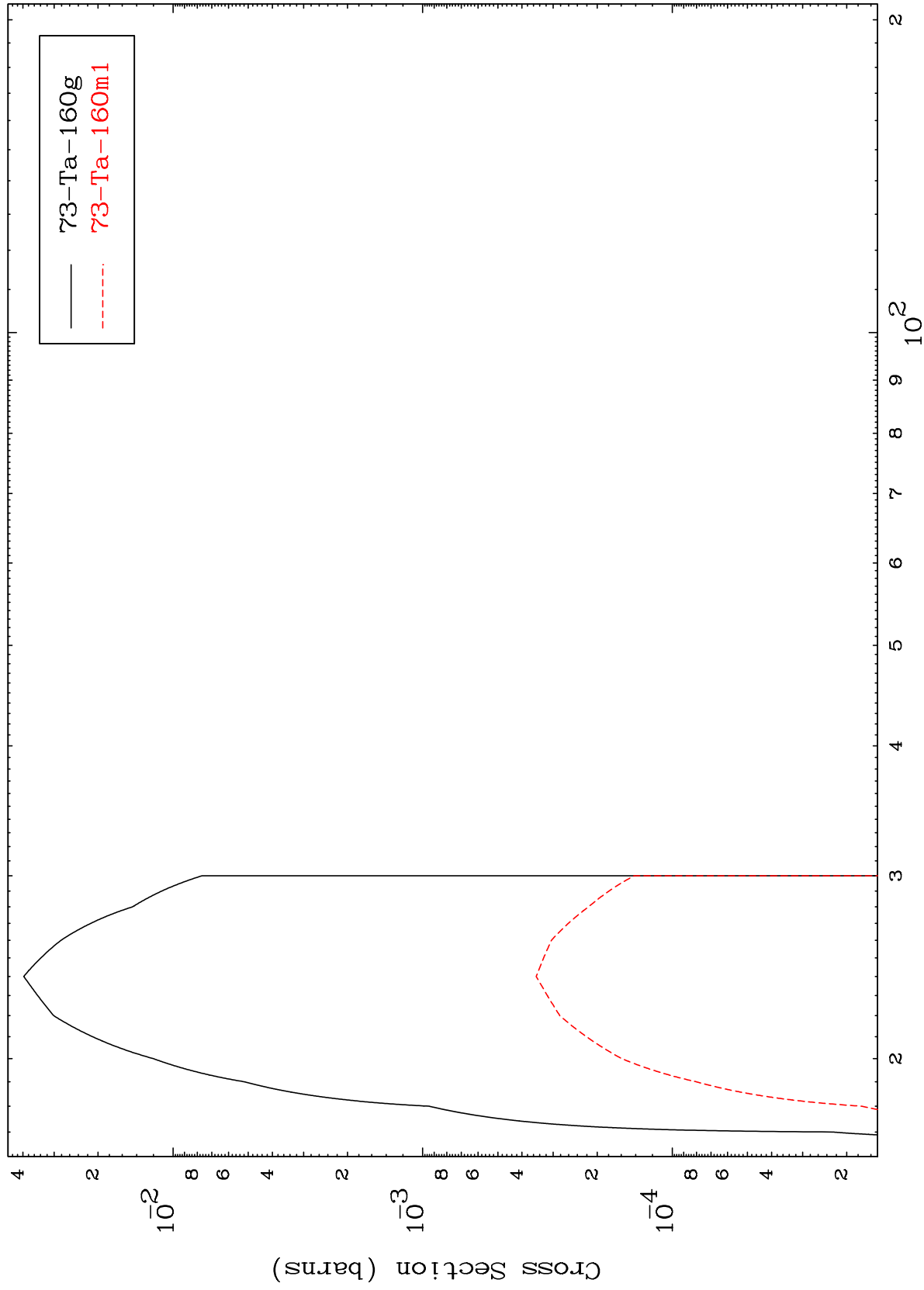


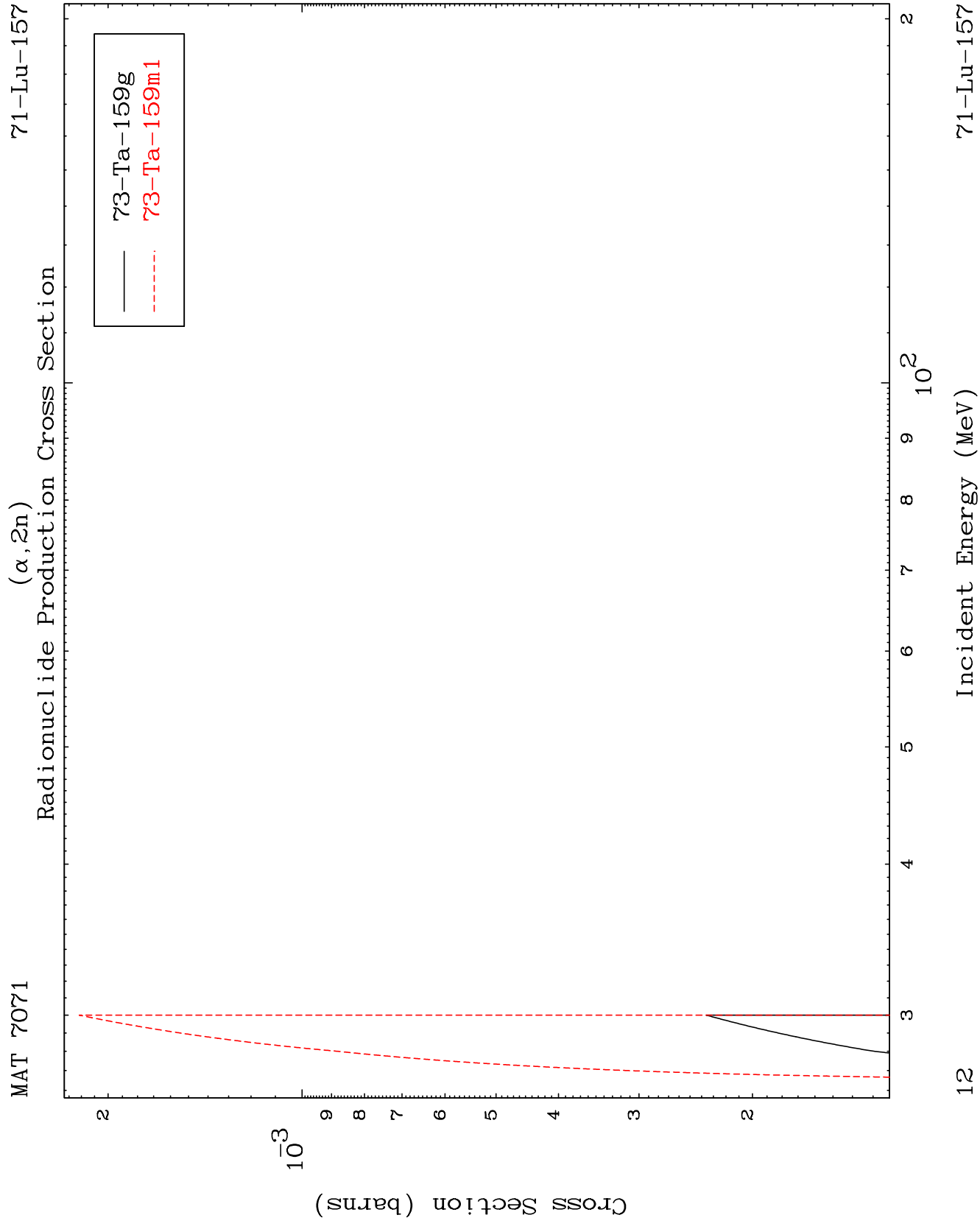
10

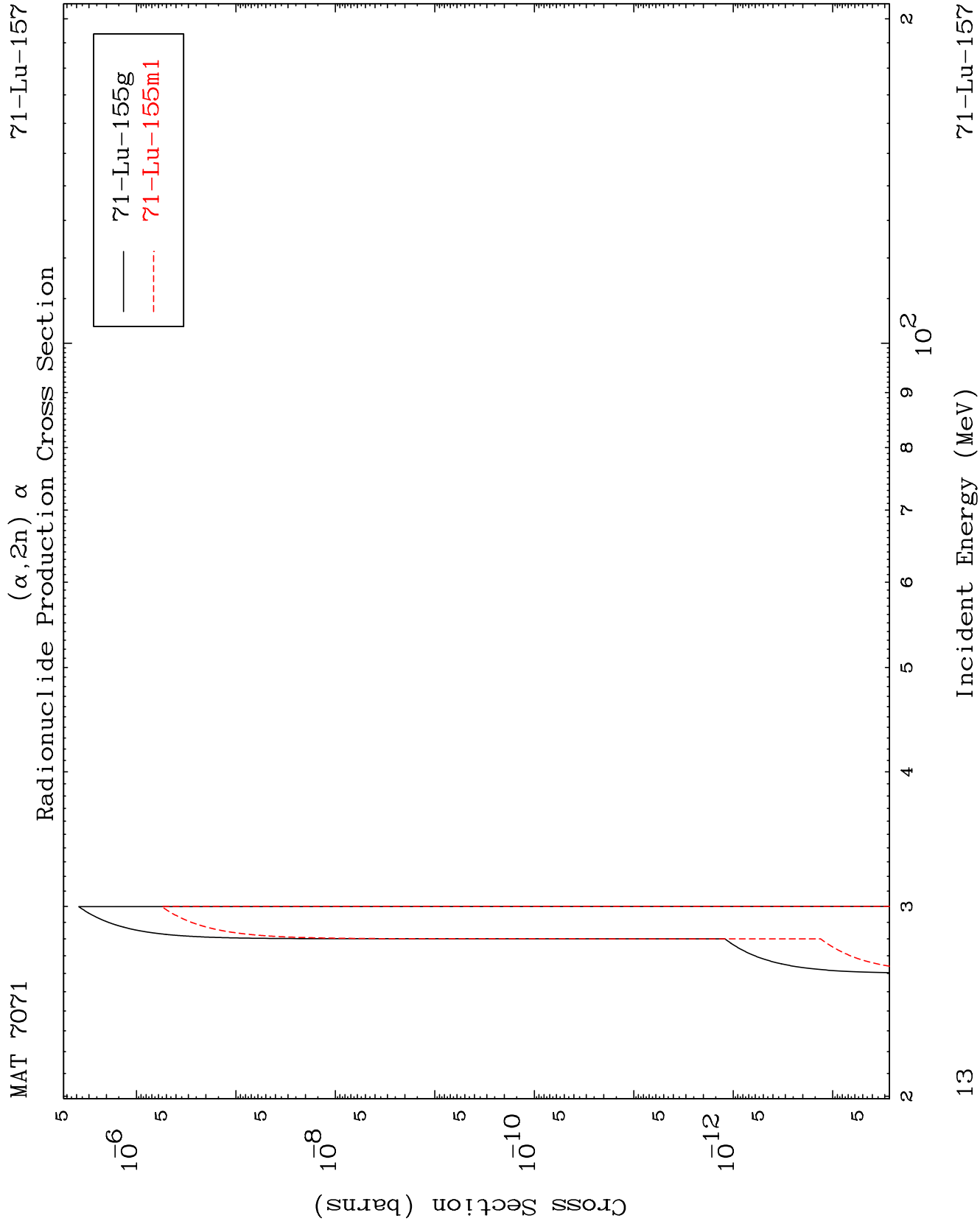
Incident Energy (MeV)

71-Lu-157

Radionuclide Production Cross Section
 α Inelastic





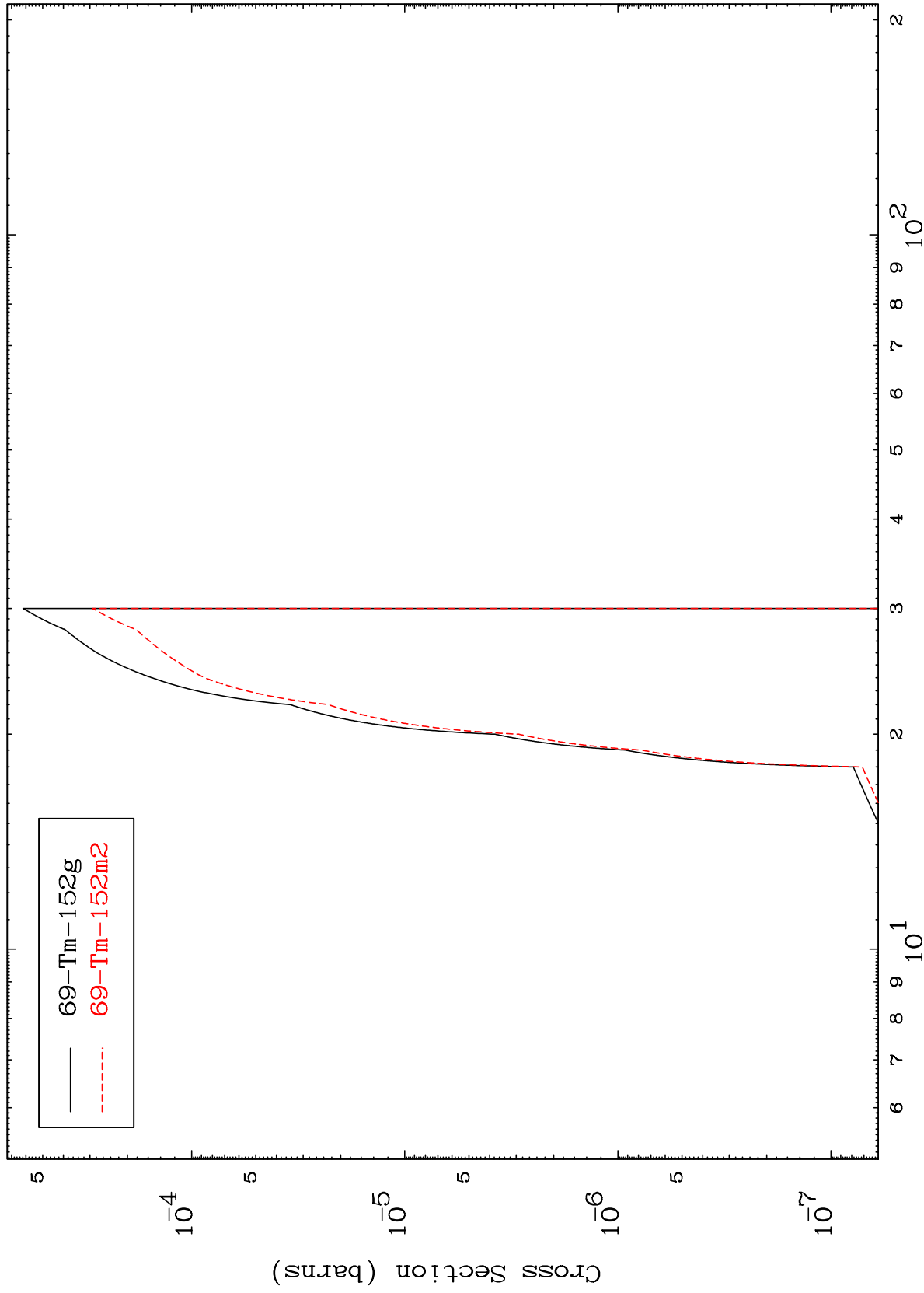


MAT 7071

(α, n') 2α

$^{71}\text{Lu-157}$

Radionuclide Production Cross Section



14

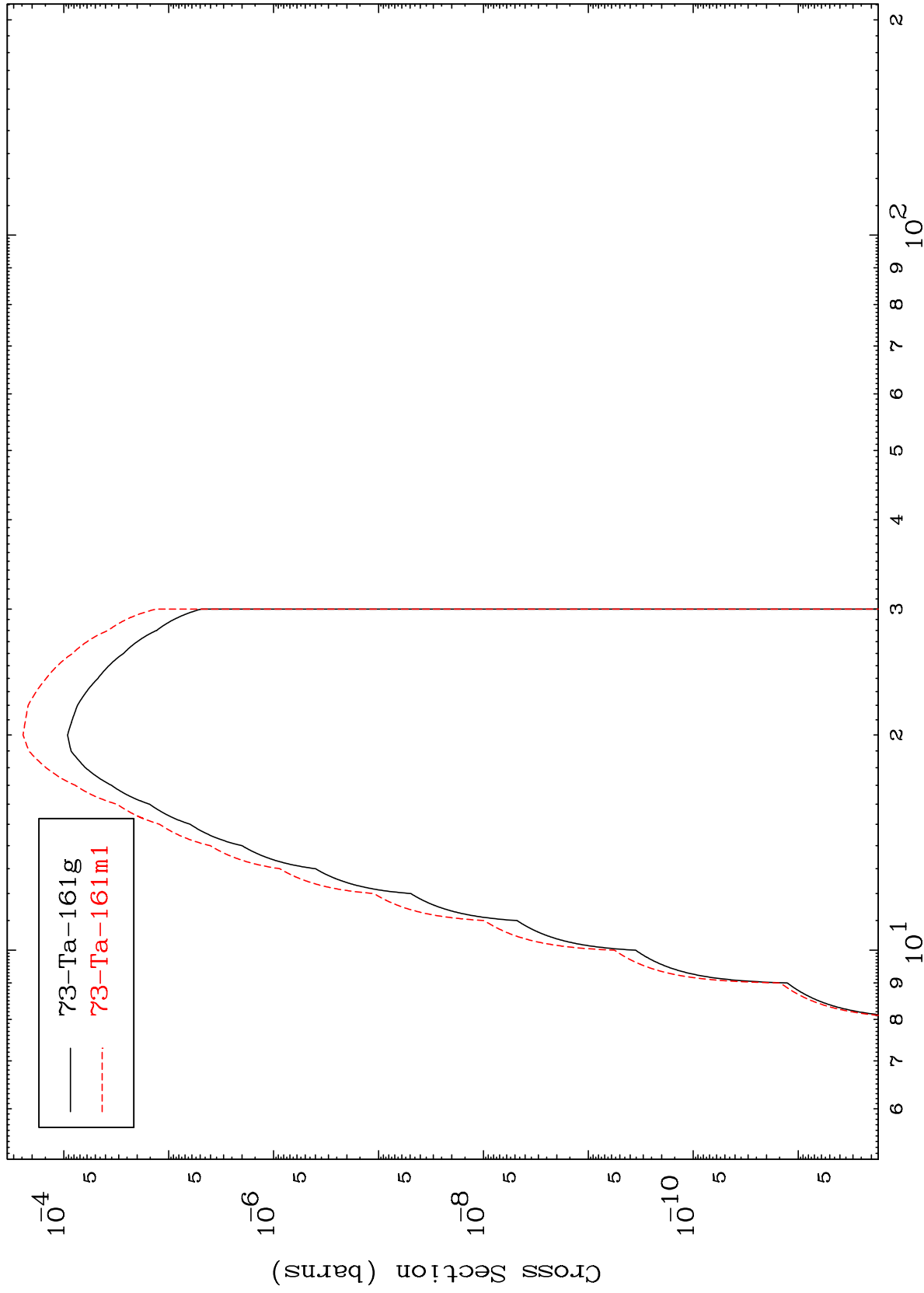
Incident Energy (MeV)

$^{71}\text{Lu-157}$

MAT 7071

71-Lu-157

(α, γ)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

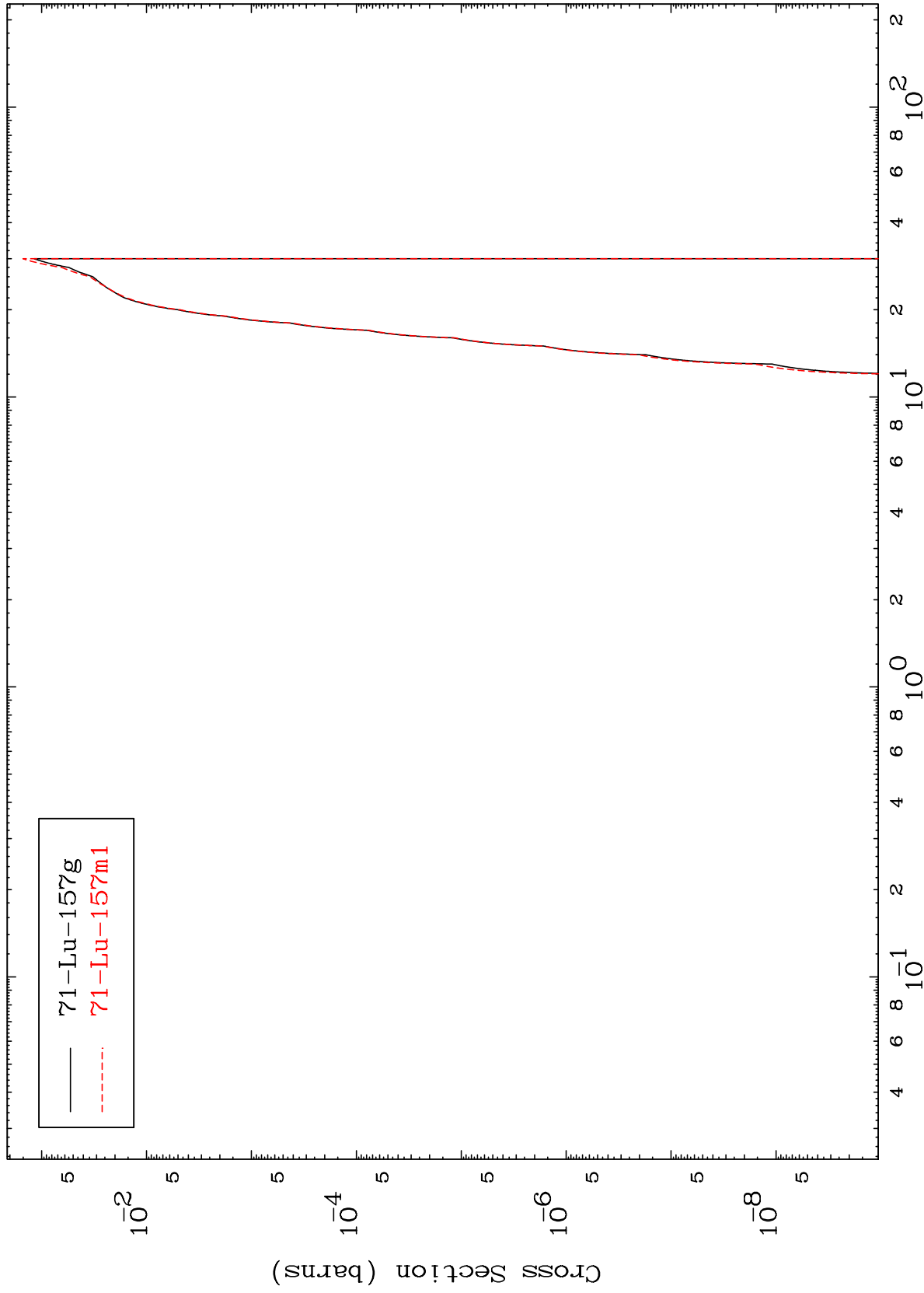
71-Lu-157

MAT 7071

(α, α)

$^{71}\text{Lu-157}$

Radionuclide Production Cross Section



16

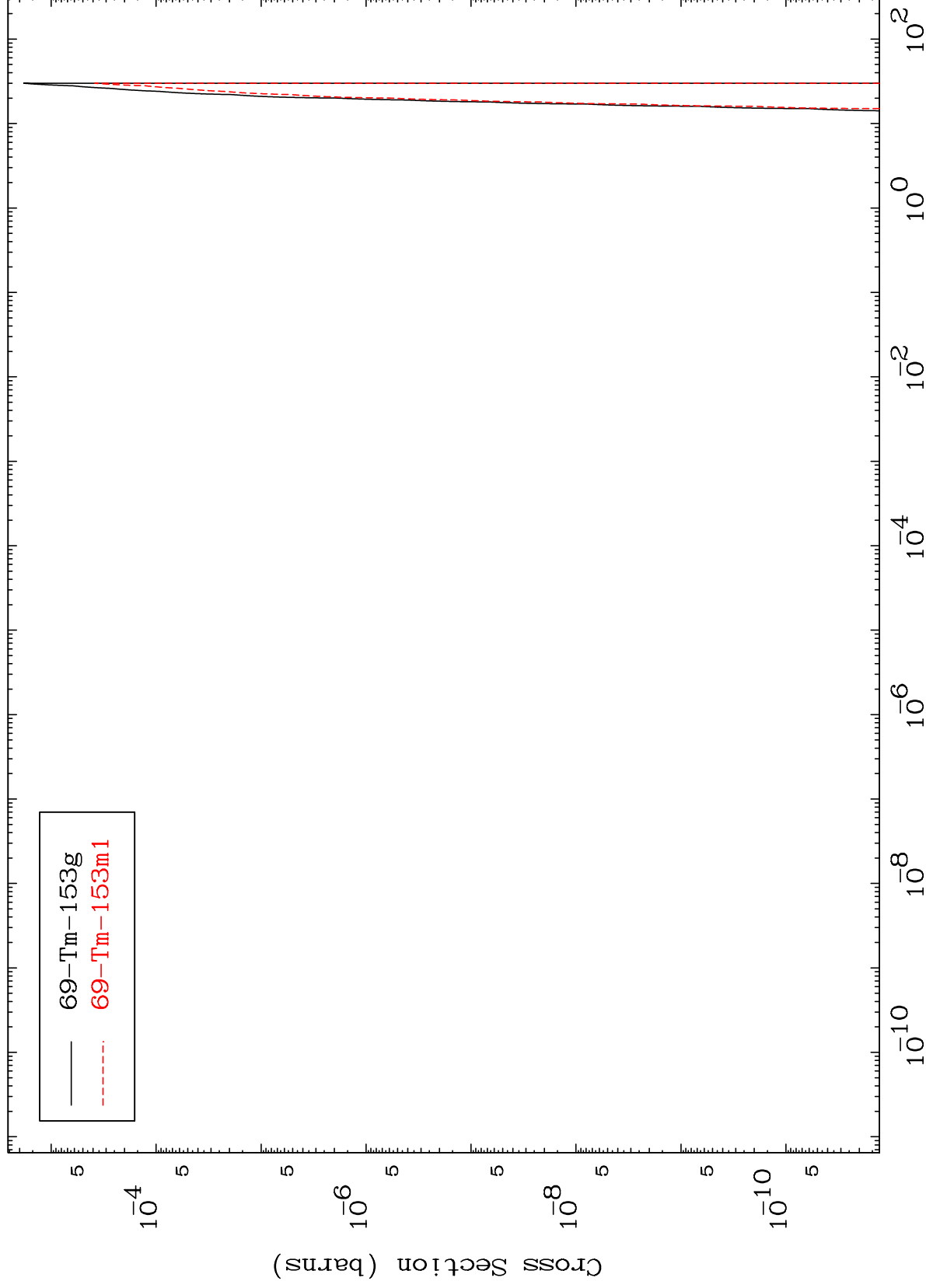
Incident Energy (MeV)

$^{71}\text{Lu-157}$

MAT 7071

Radionuclide Production Cross Section
($\alpha, 2\alpha$)

$^{71}\text{Lu-157}$



17

Incident Energy (MeV)

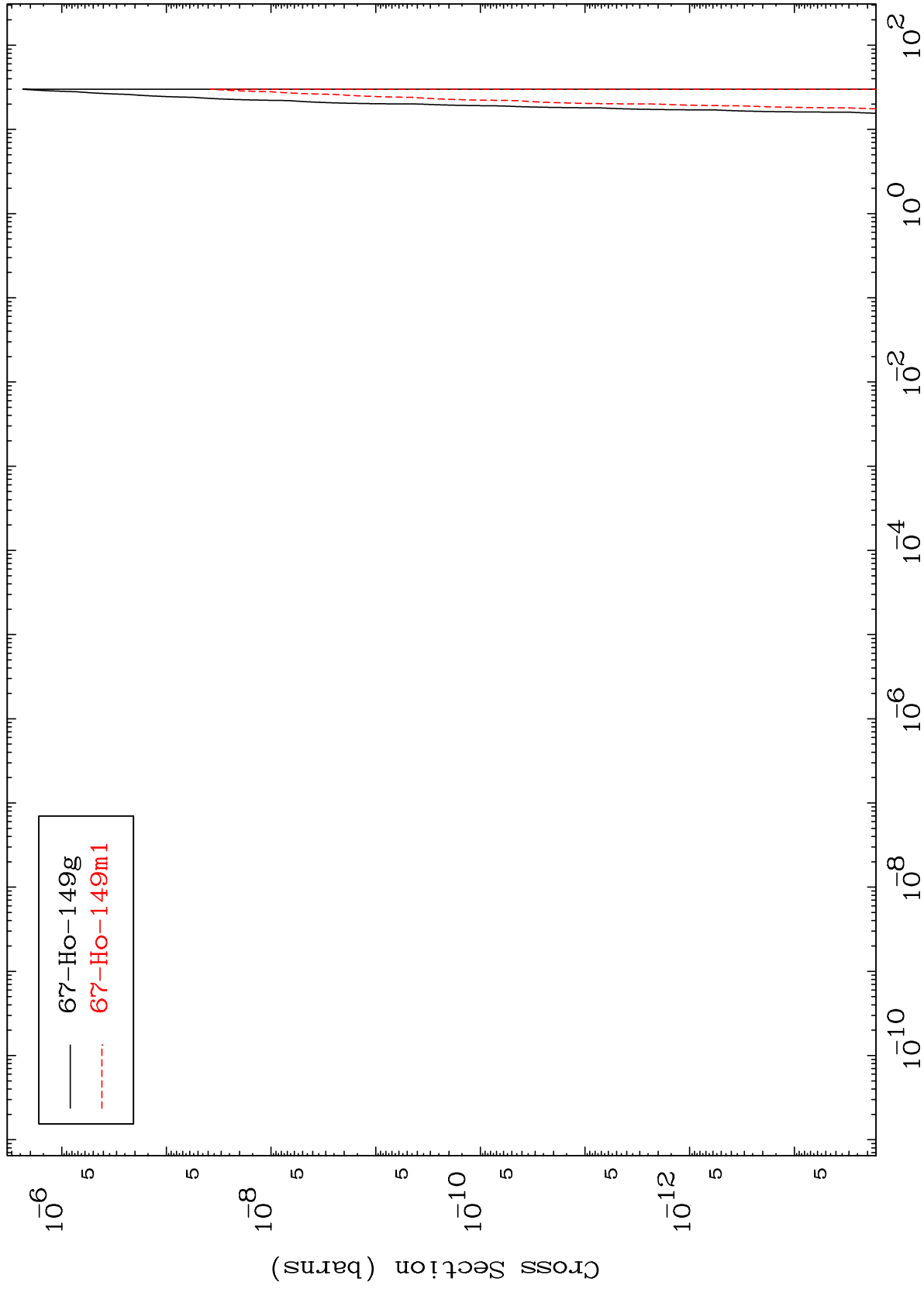
$^{71}\text{Lu-157}$

MAT 7071

($\alpha, 3\alpha$)

⁷¹Lu-157

Radionuclide Production Cross Section



18

Incident Energy (MeV)

⁷¹Lu-157