

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

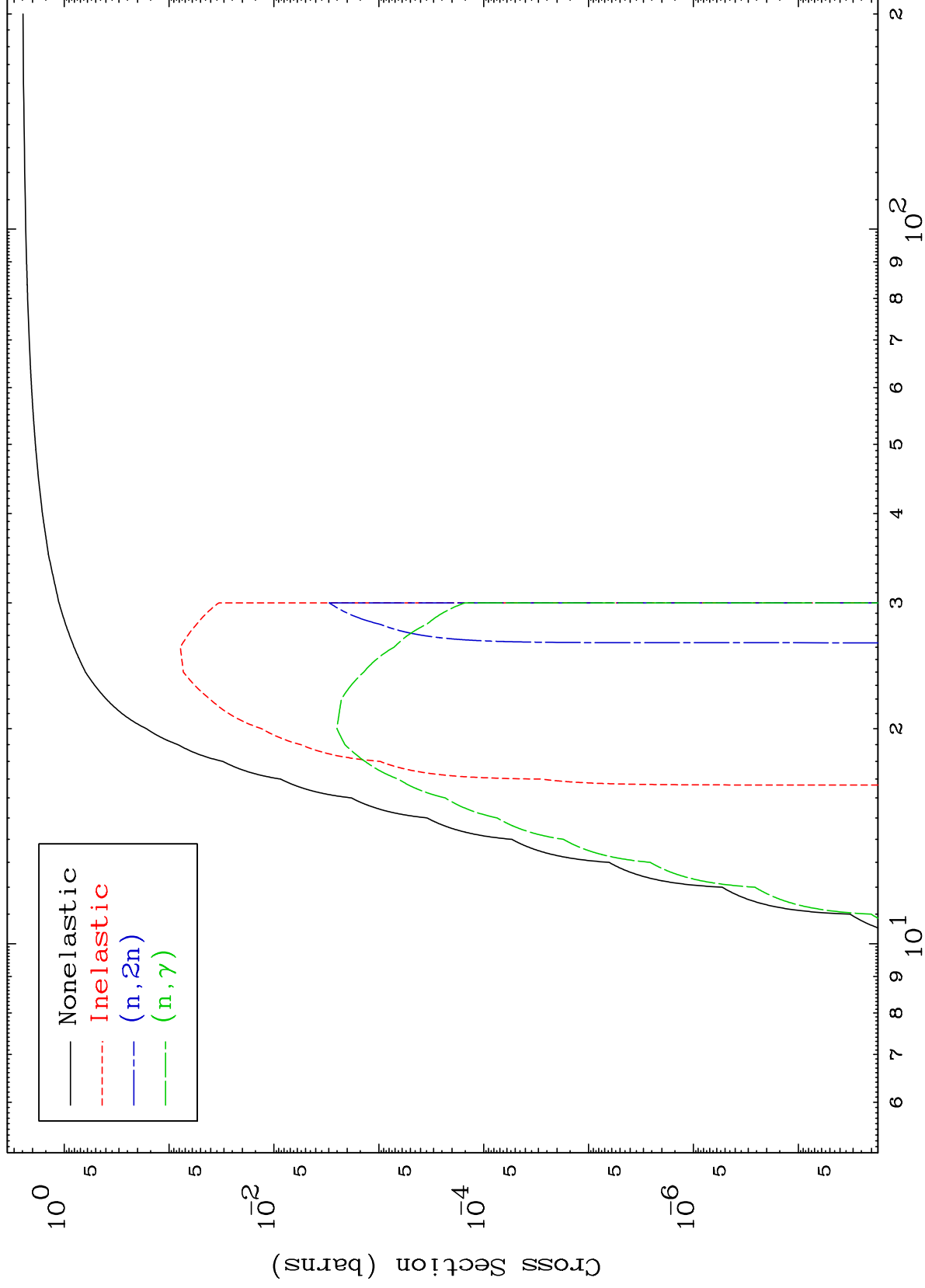
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7071

0 Kelvin α Major
Cross Sections

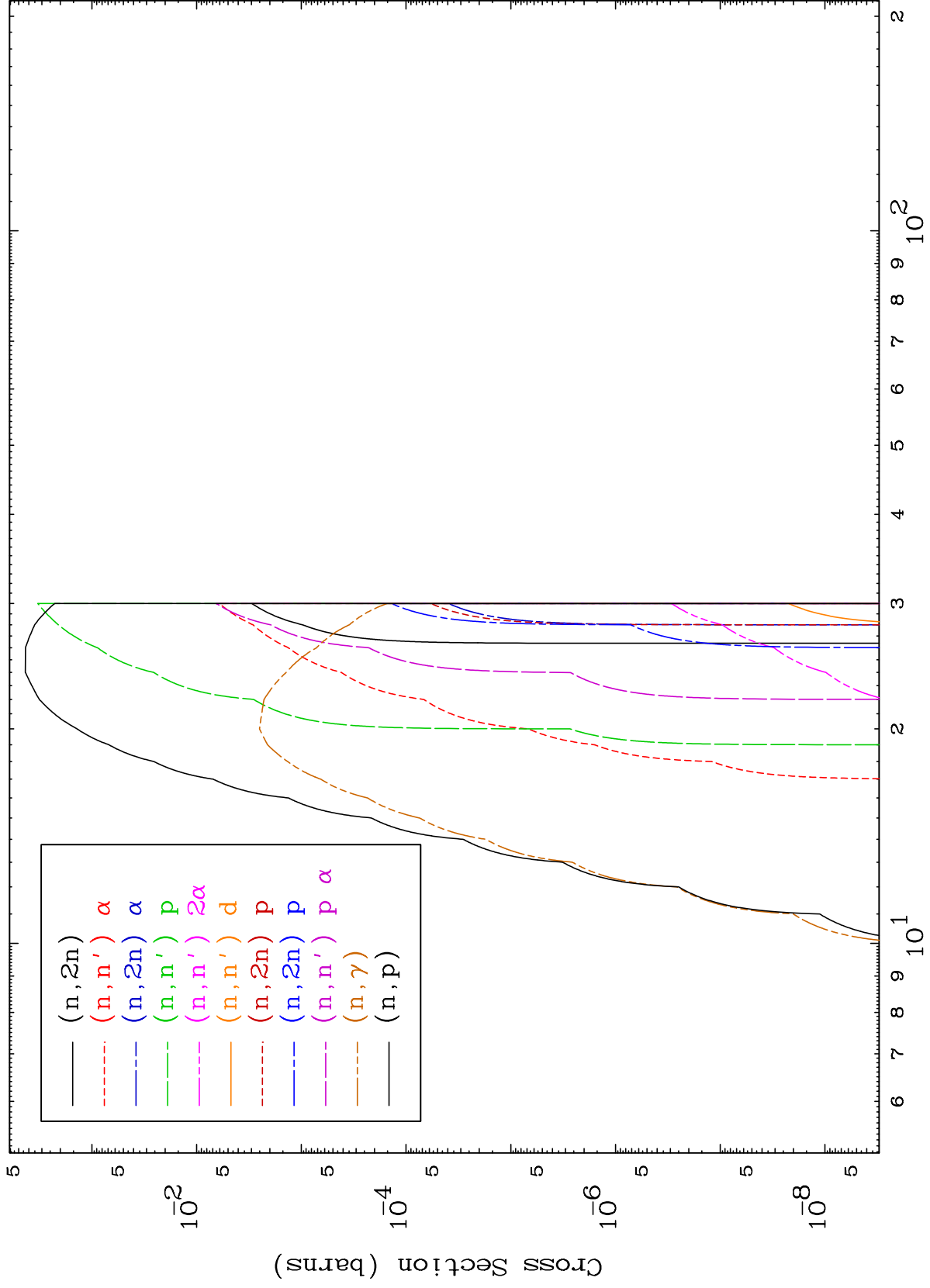
71-Lu-157



1

Incident Energy (MeV)

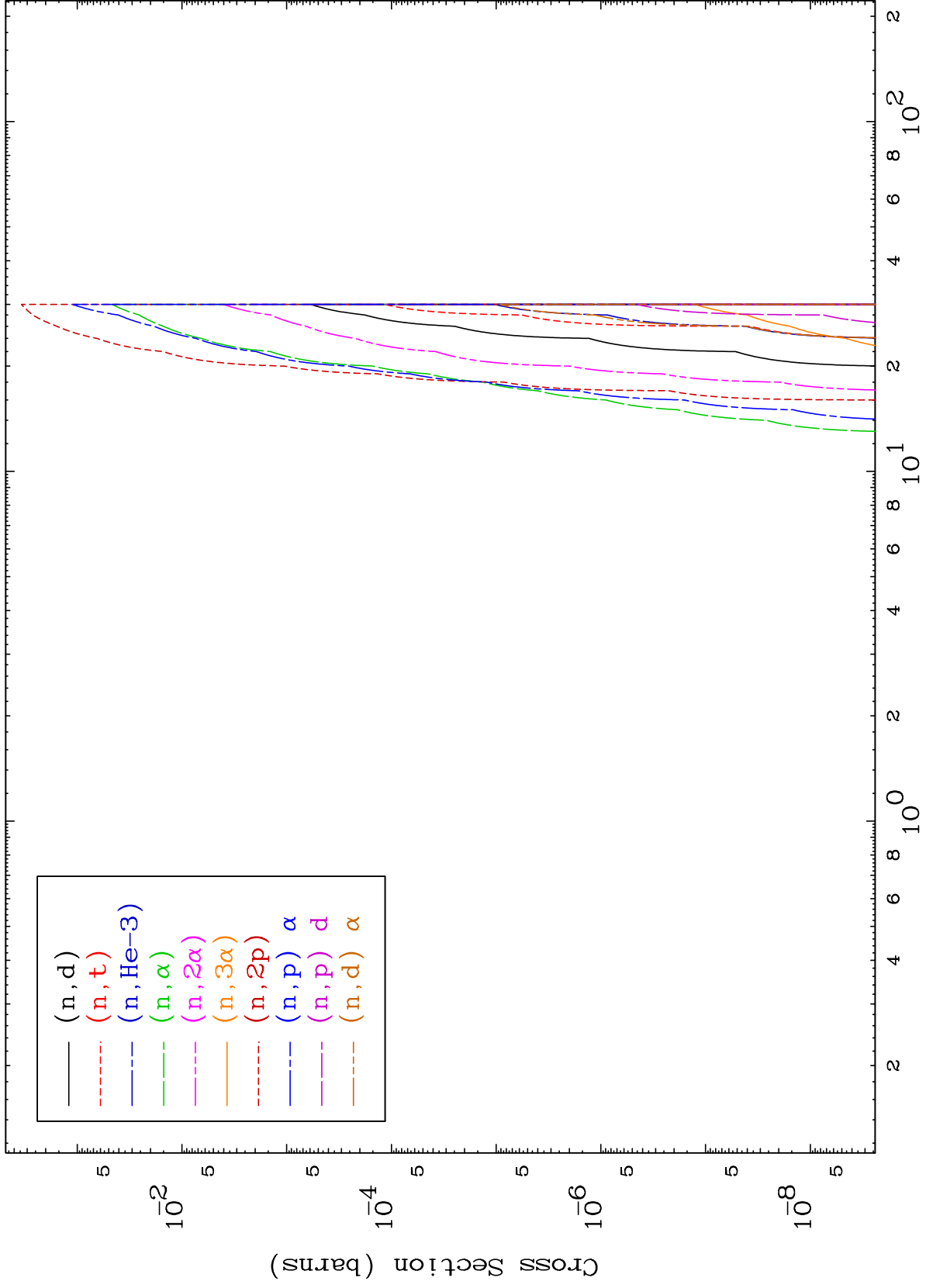
71-Lu-157

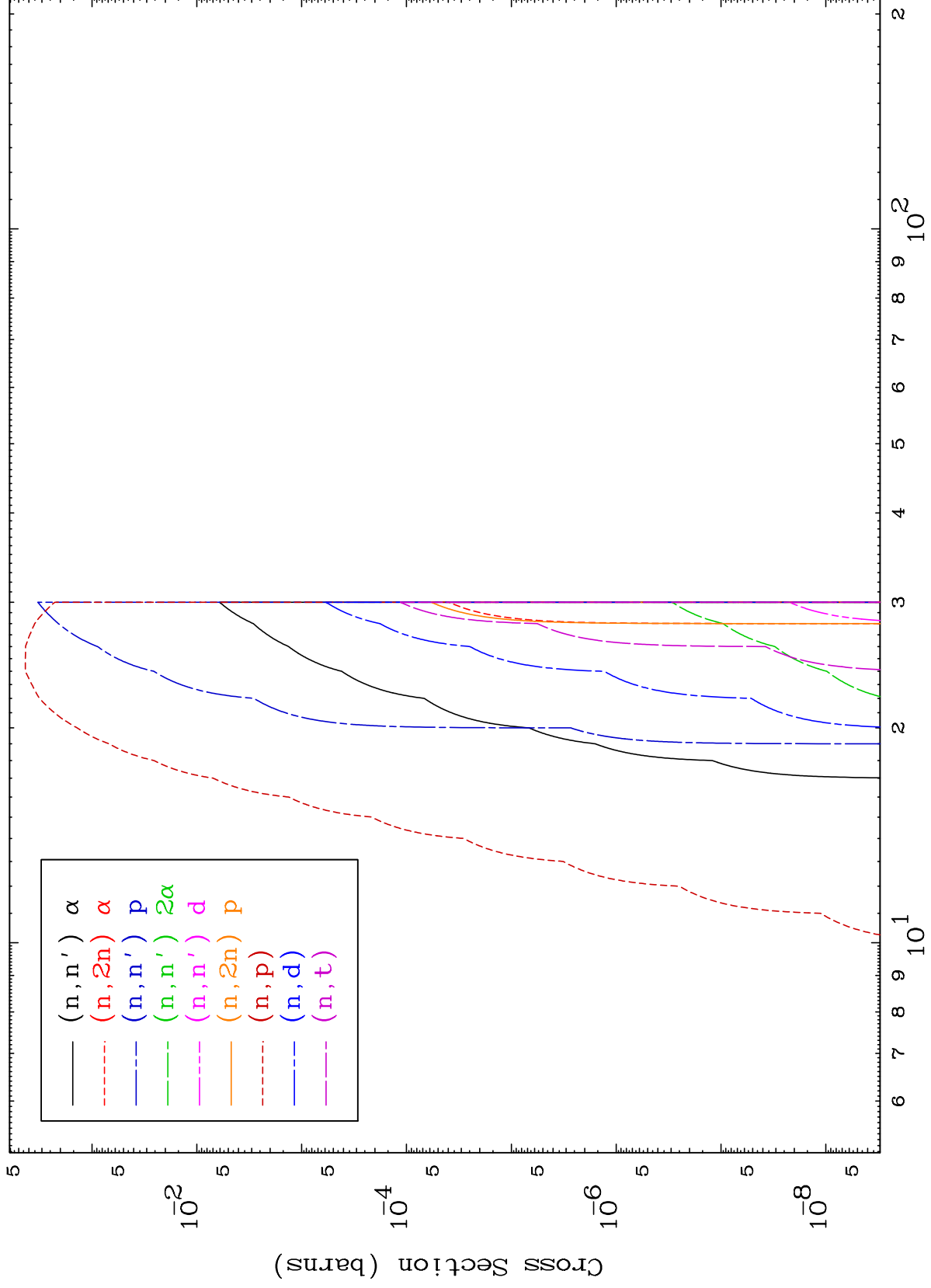


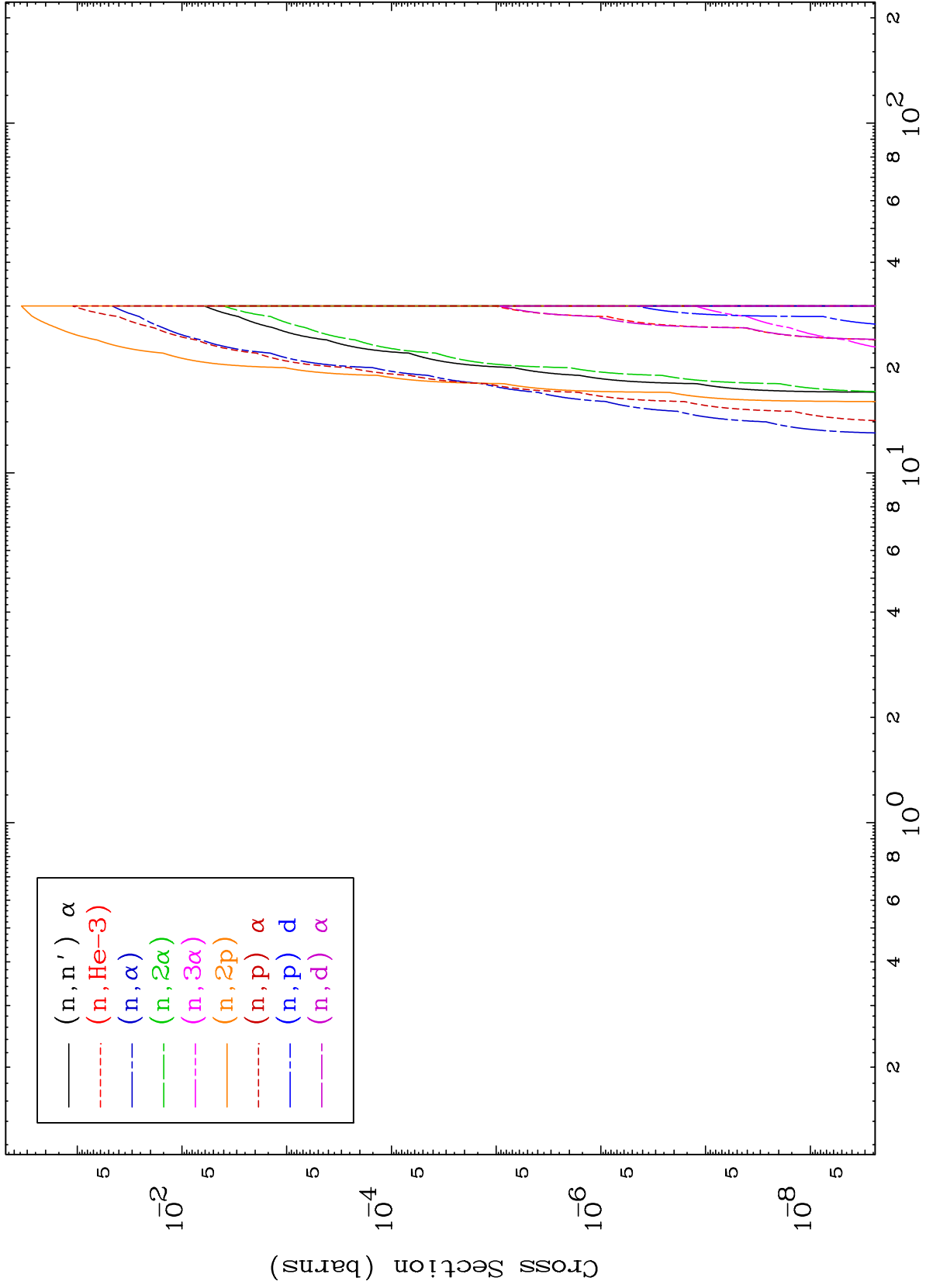
MAT 7071

α Neutron Absorption
0 Kelvin Cross Sections

71-Lu-157



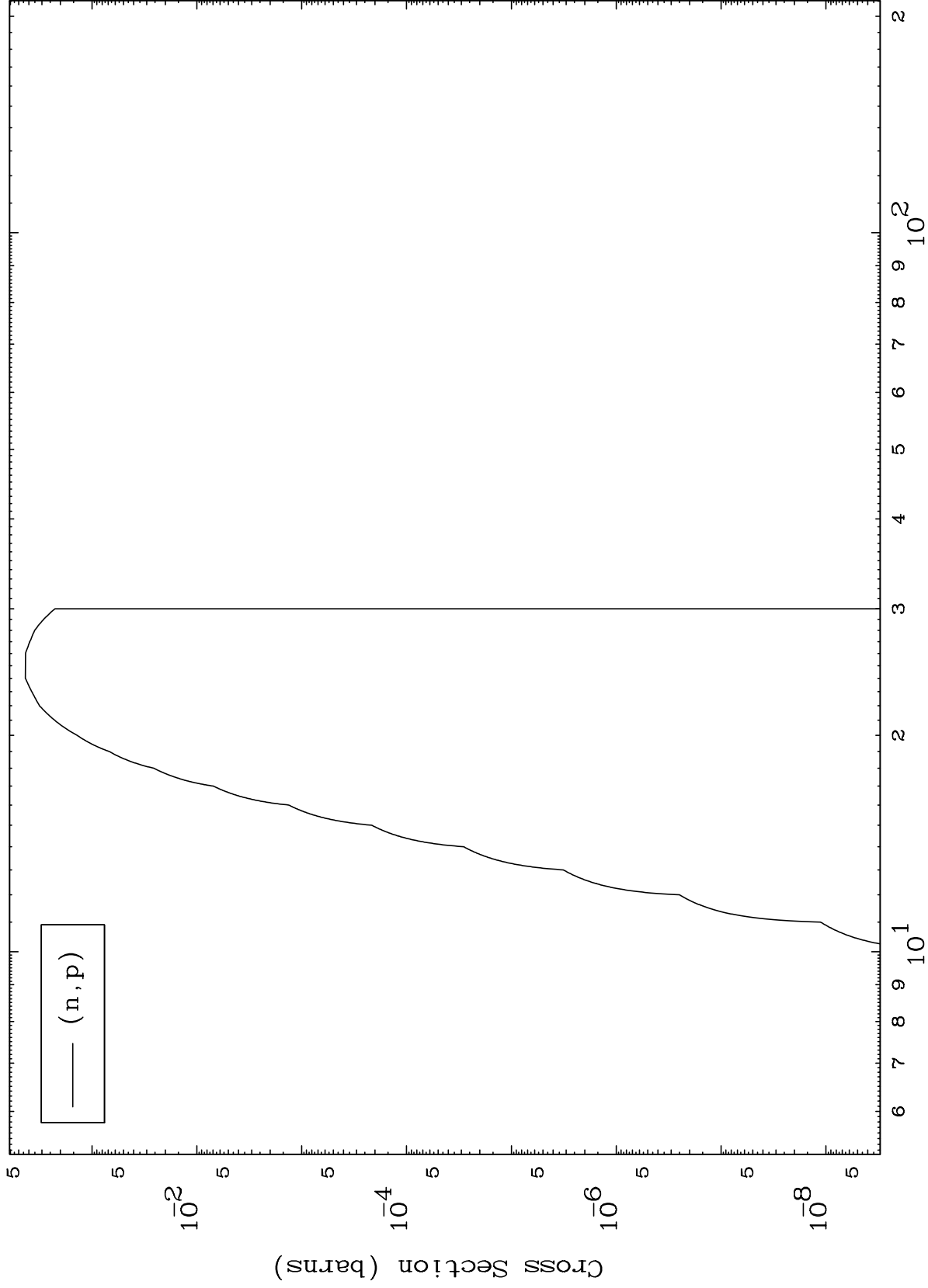




MAT 7071

(α, p) Levels
0 Kelvin Cross Sections

71-Lu-157



6

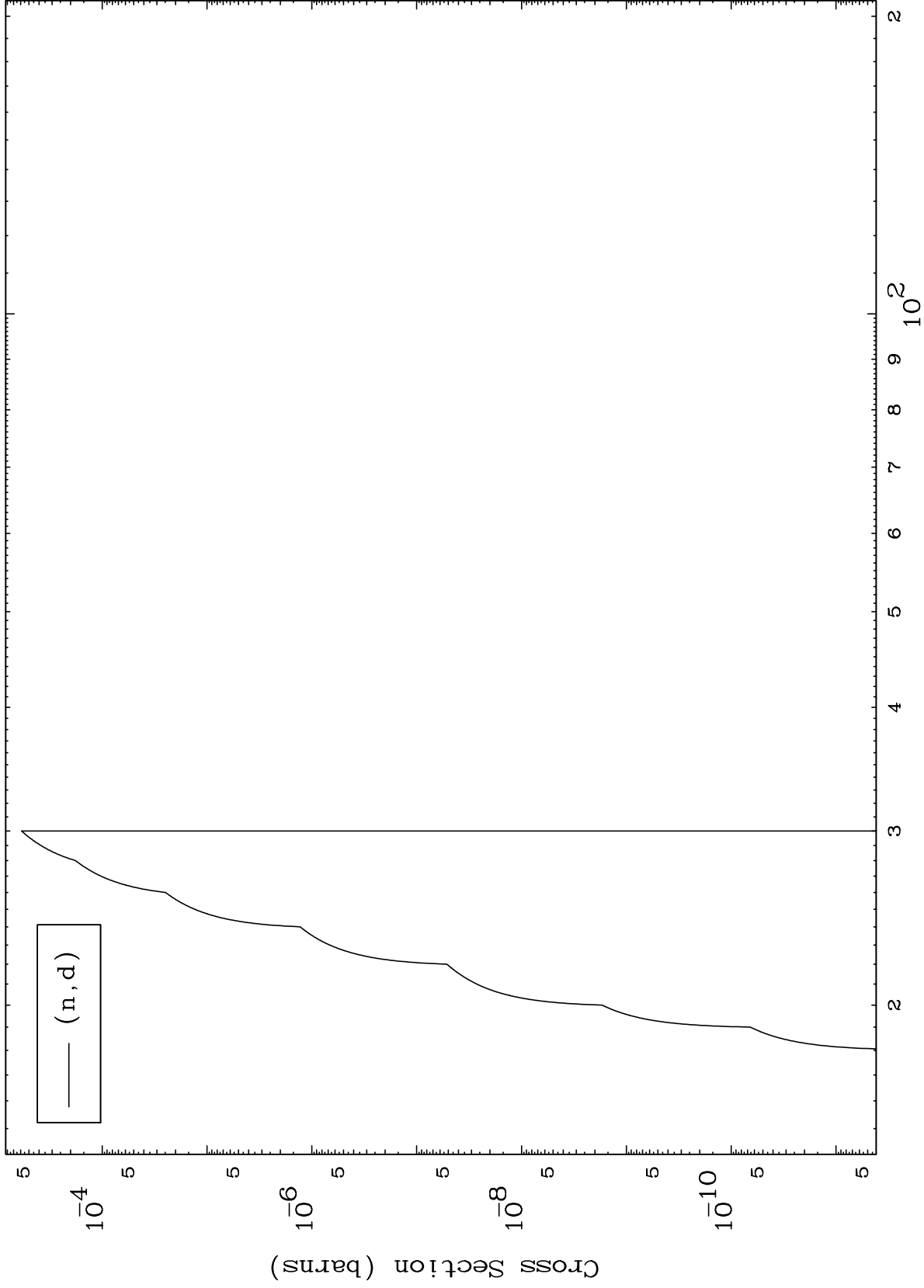
Incident Energy (MeV)

71-Lu-157

MAT 7071

(α, d) Levels
0 Kelvin Cross Sections

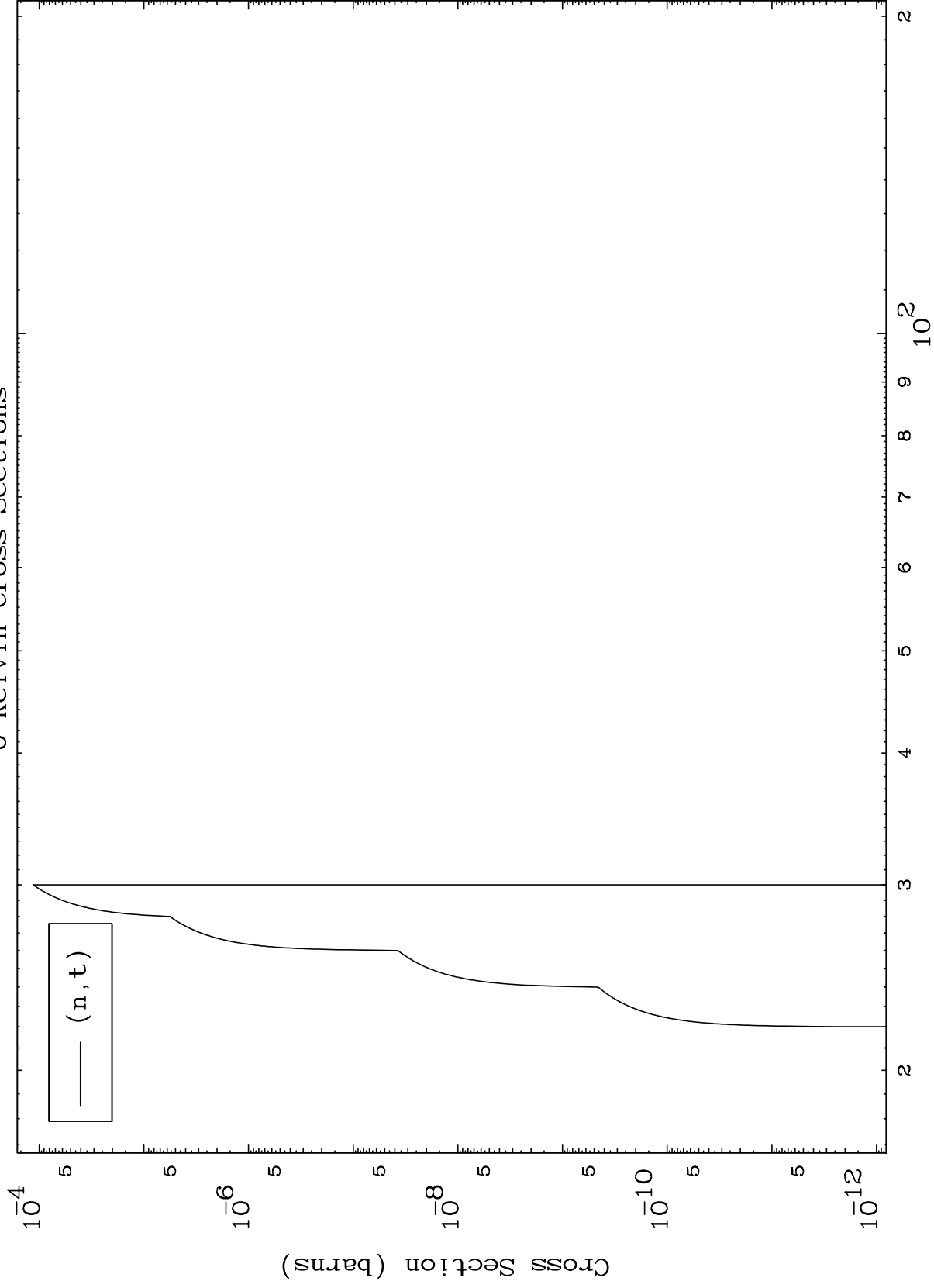
71-Lu-157

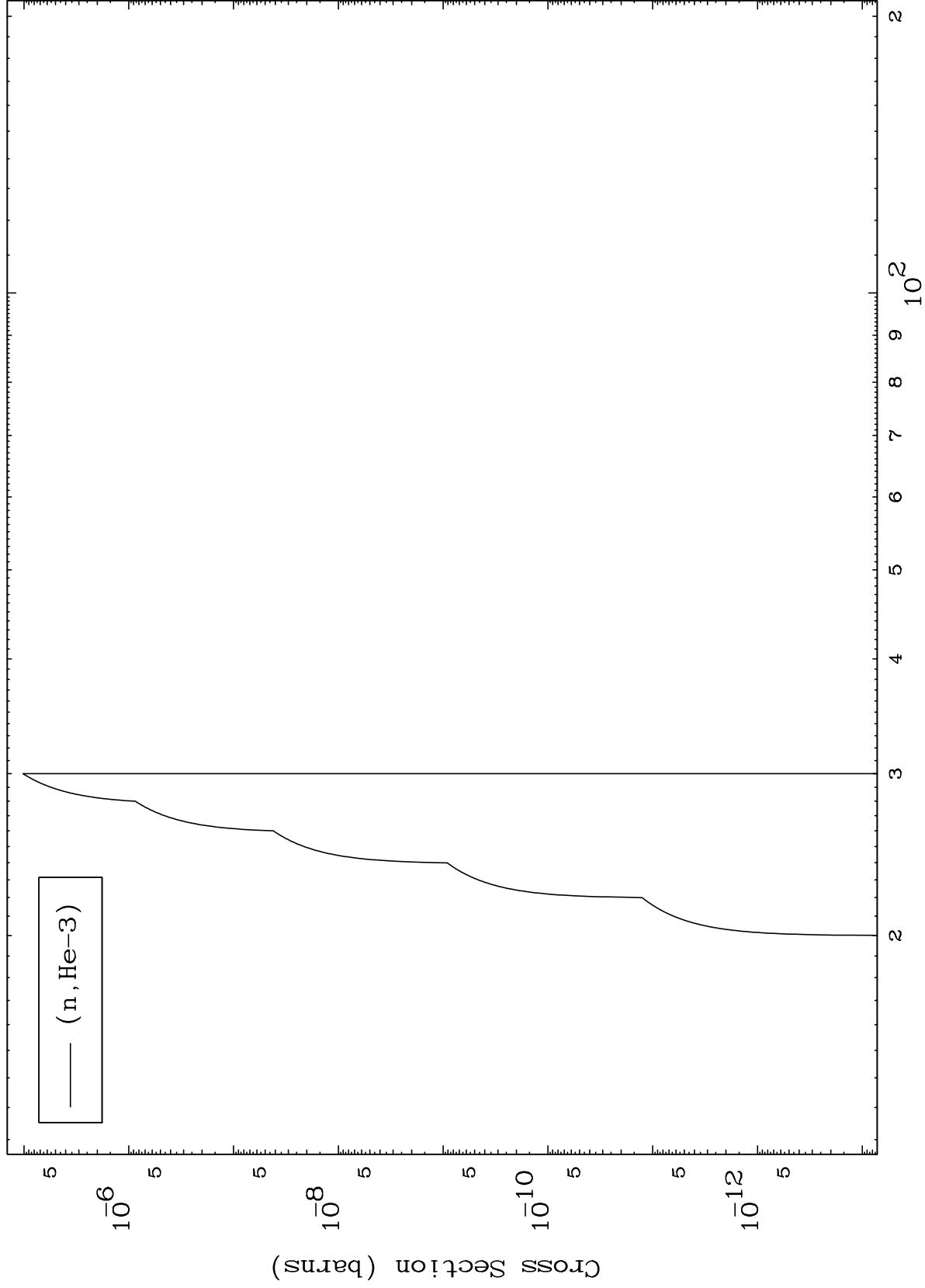


7

Incident Energy (MeV)

71-Lu-157



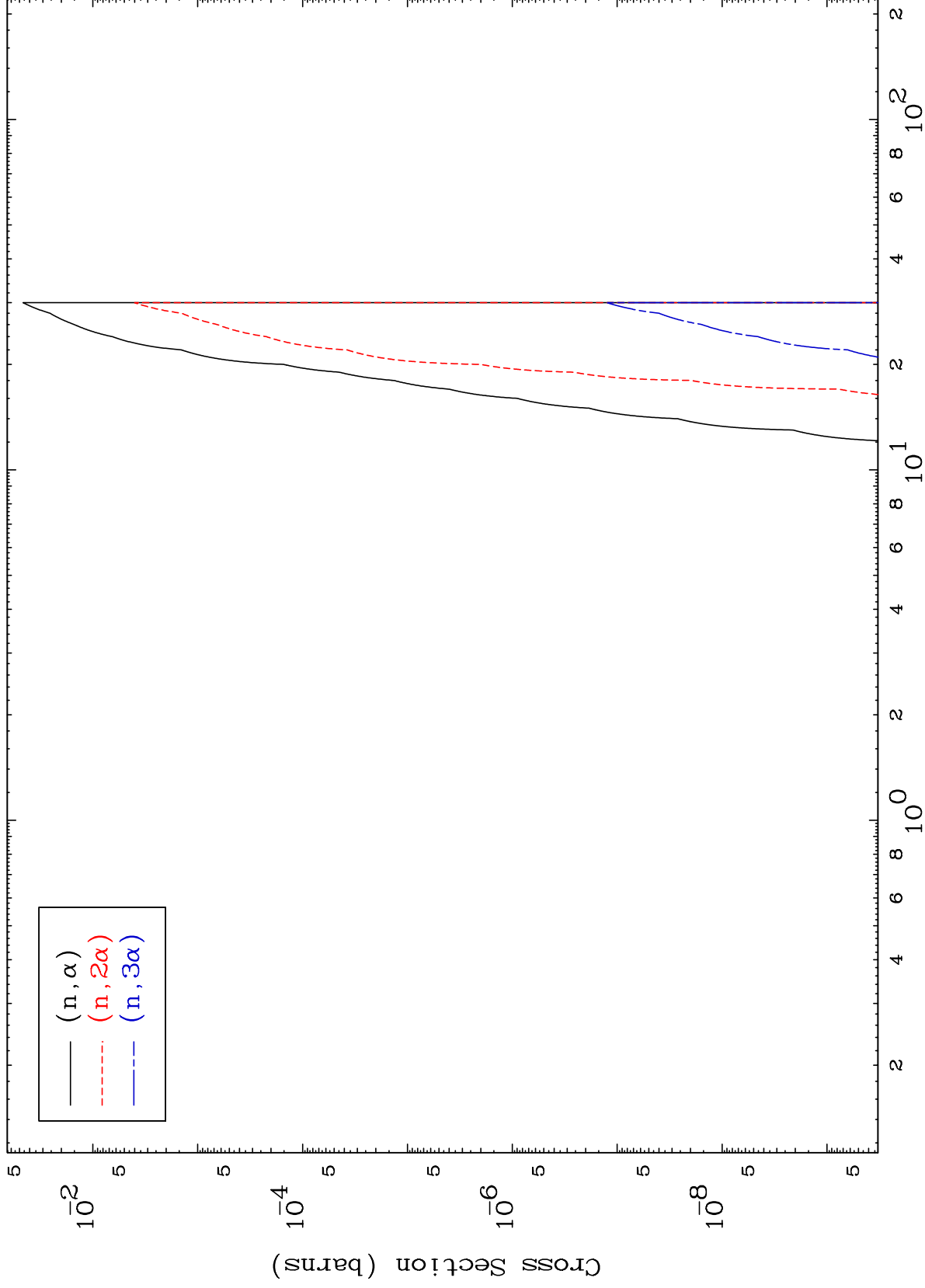


MAT 7071

(α, α) Levels

71-Lu-157

0 Kelvin Cross Sections



10

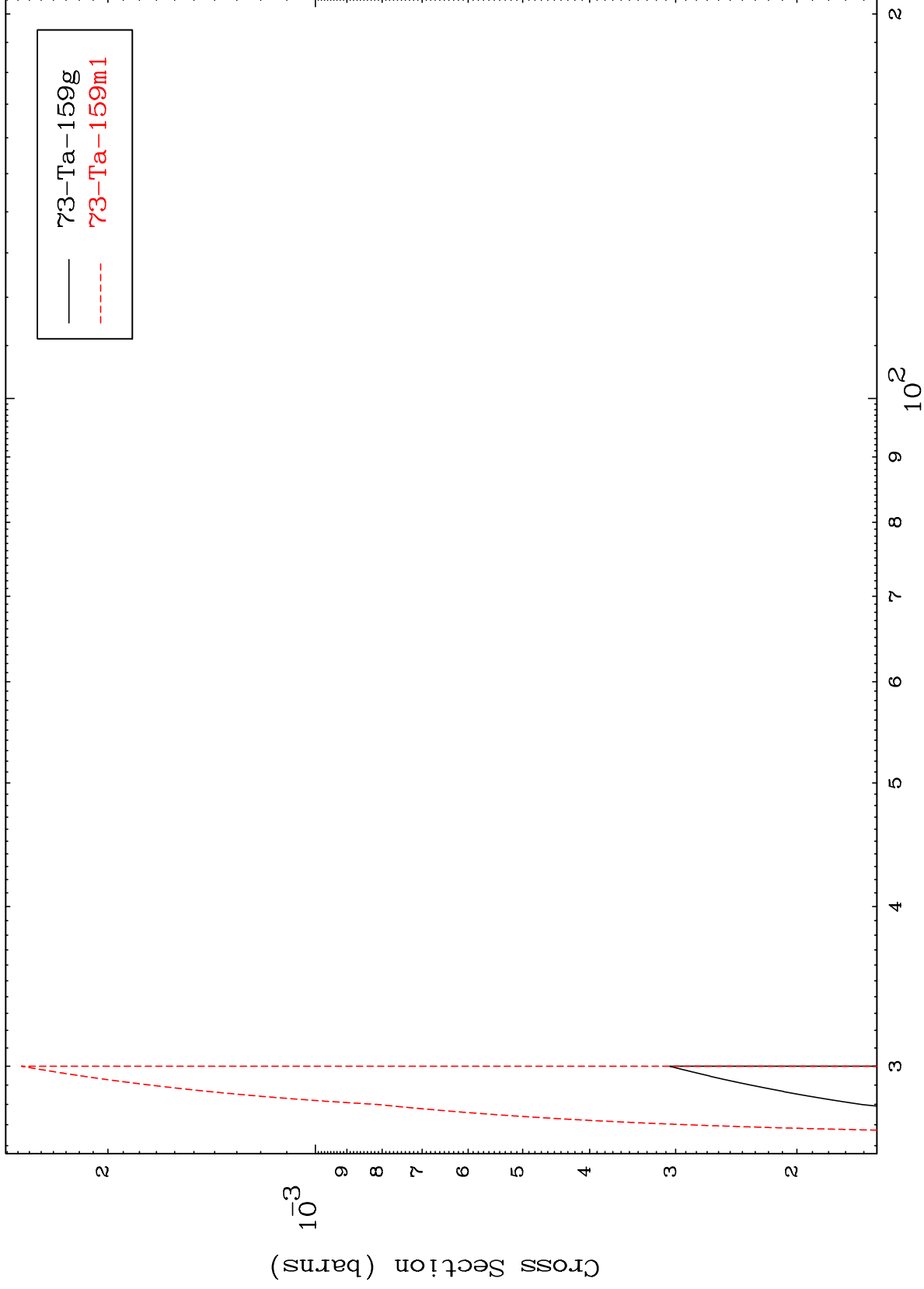
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

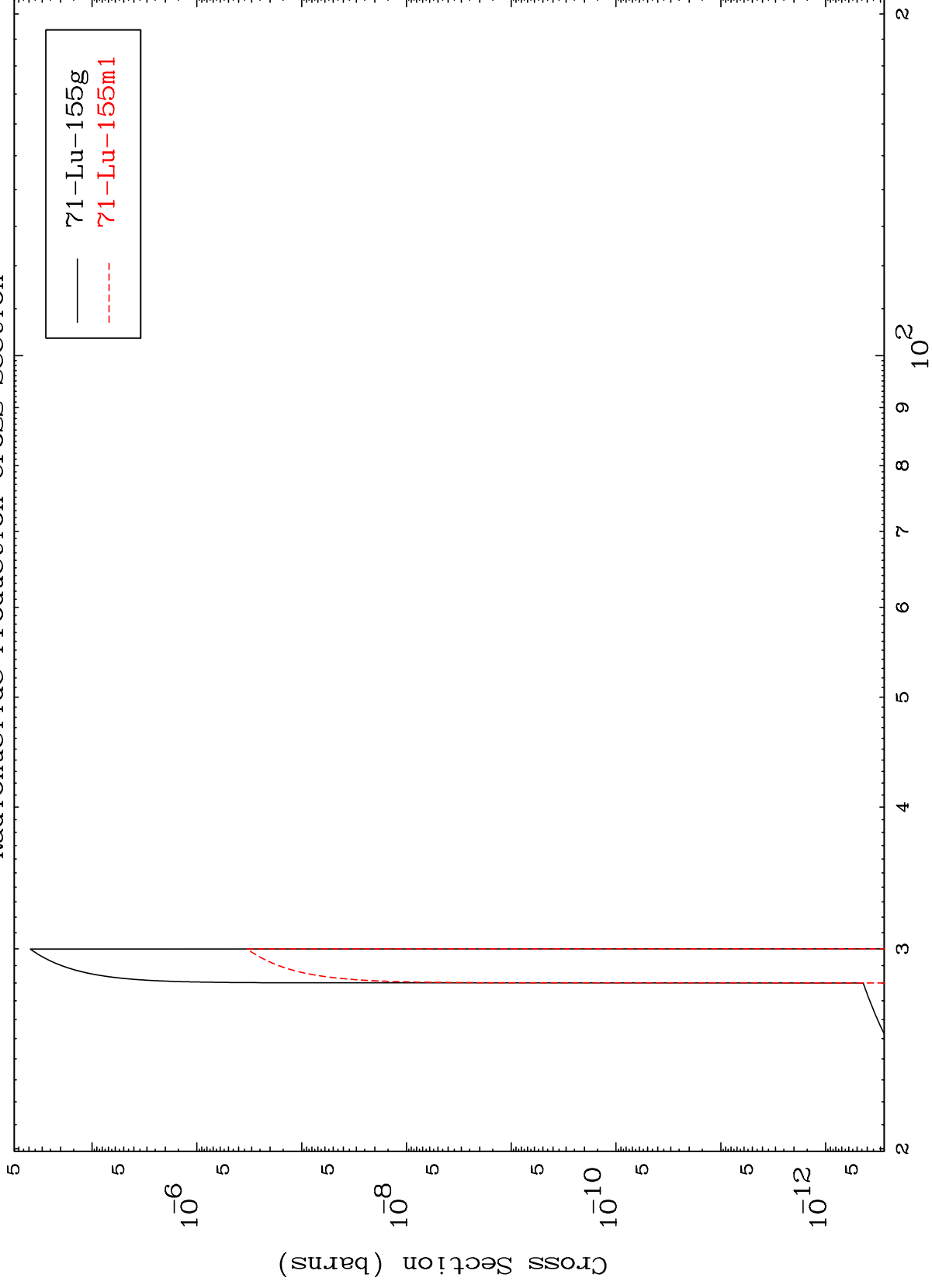
71-Lu-157

MAT 7071

$(n,2n) \alpha$

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

Radionuclide Production Cross Section

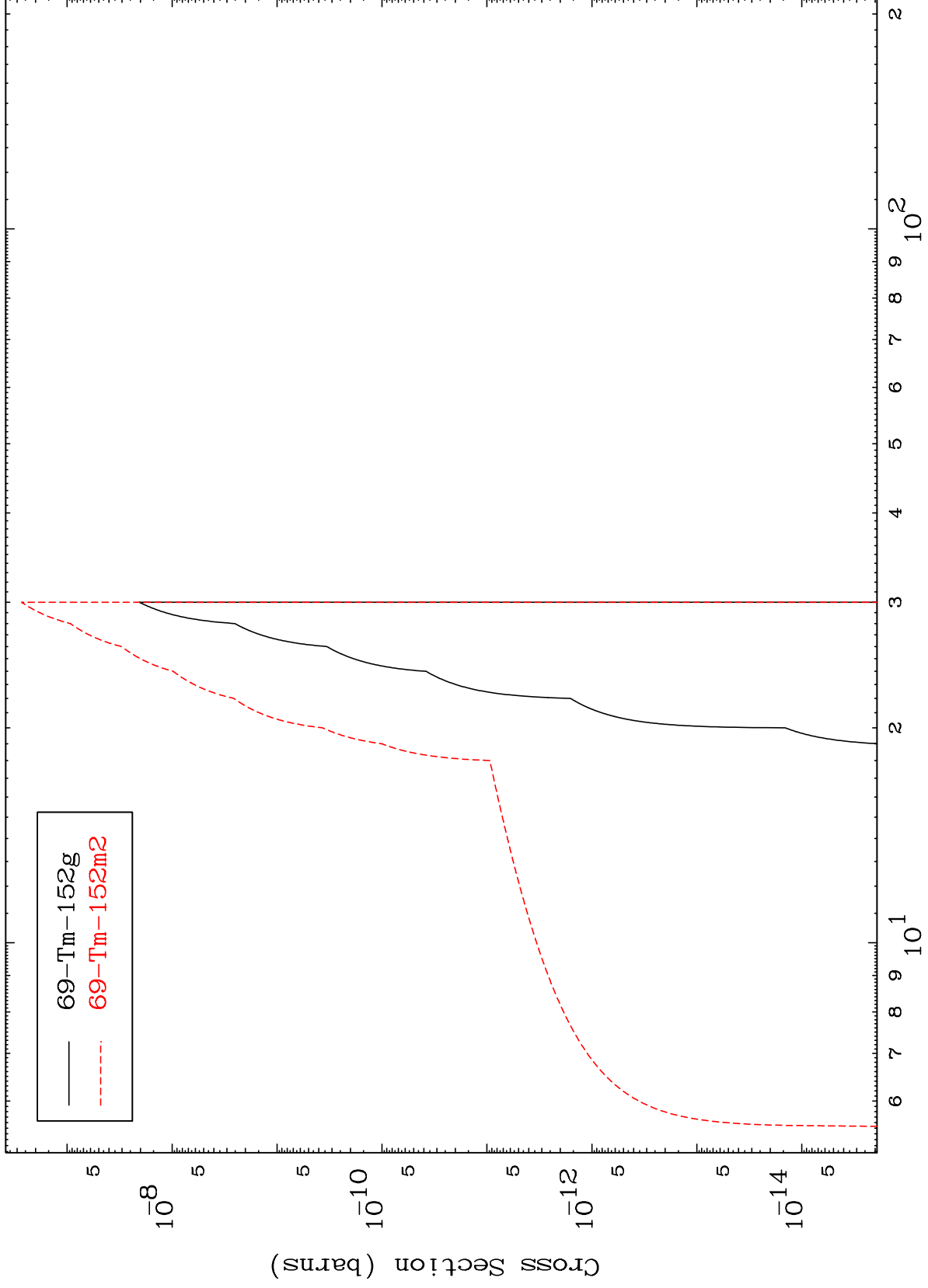


12

Incident Energy (MeV)

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

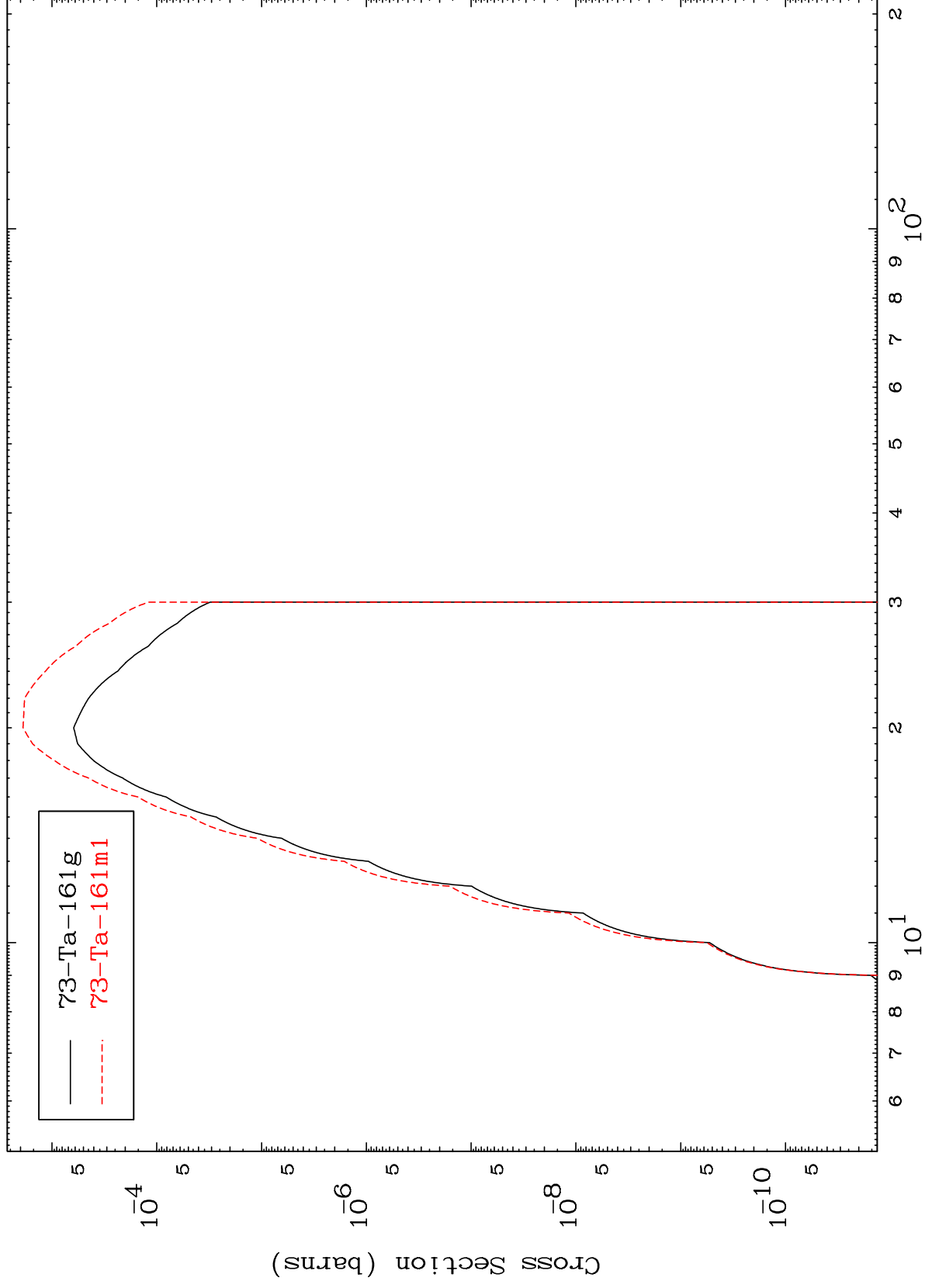
Radionuclide Production Cross Section



MAT 7071

71-Lu-157

Radionuclide Production Cross Section



Incident Energy (MeV)

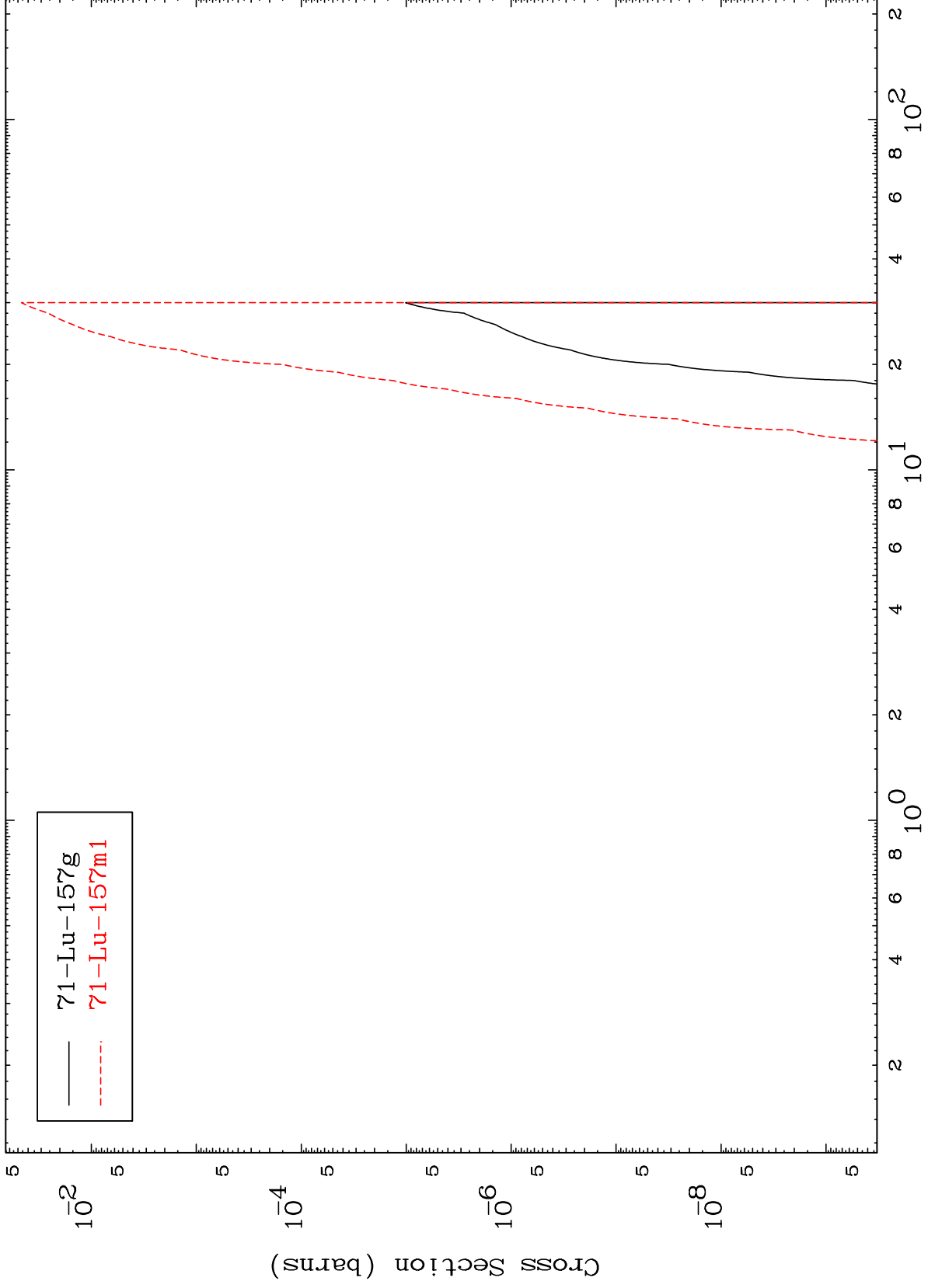
71-Lu-157

14

MAT 7071

⁷¹Lu-157

(n,α)
Radionuclide Production Cross Section



15

⁷¹Lu-157

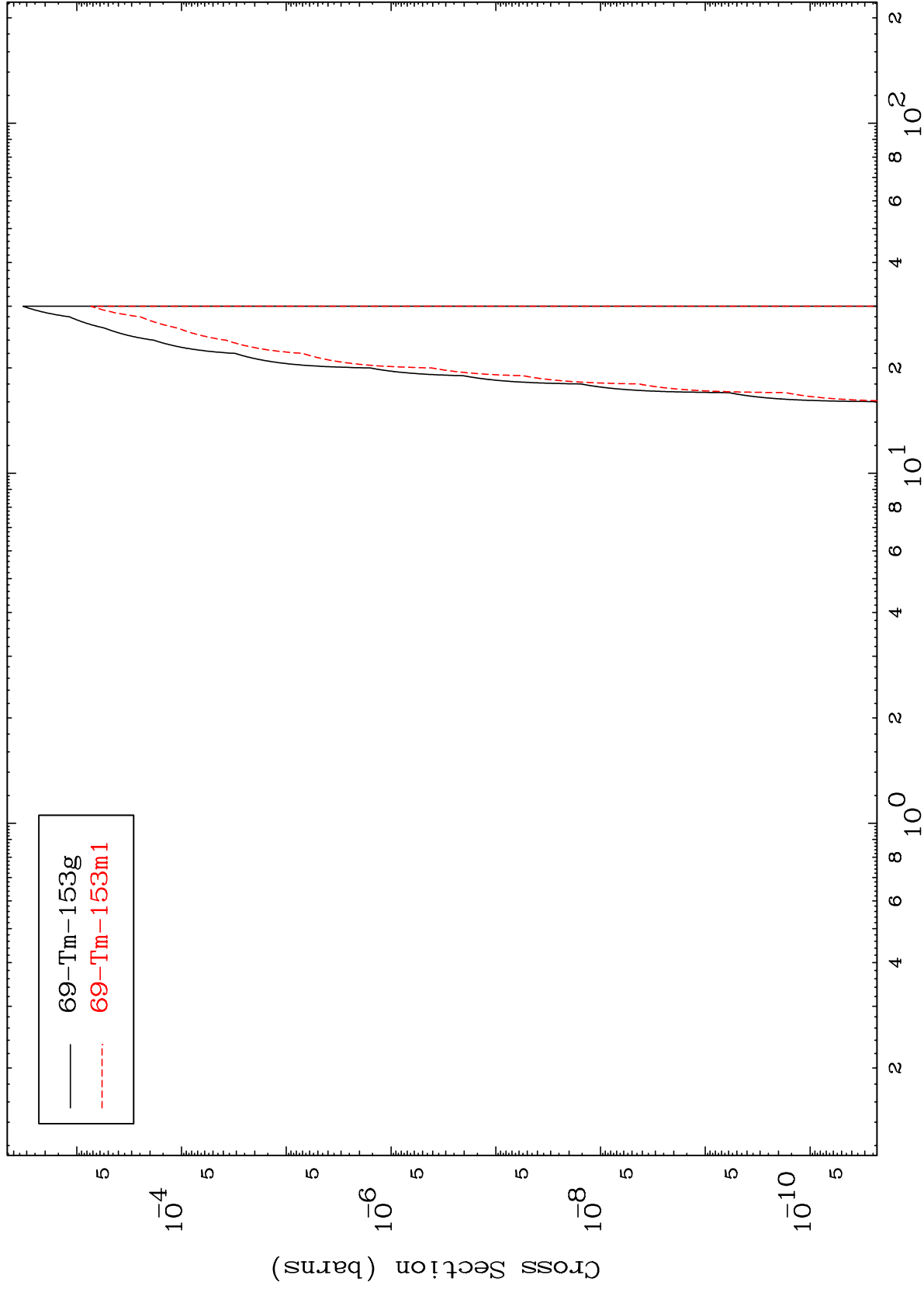
Incident Energy (MeV)

MAT 7071

(n,2α)

71-Lu-157

Radionuclide Production Cross Section



16

Incident Energy (MeV)

71-Lu-157

MAT 7071

(n, 3 α)

⁷¹Lu-157

Radionuclide Production Cross Section

