

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

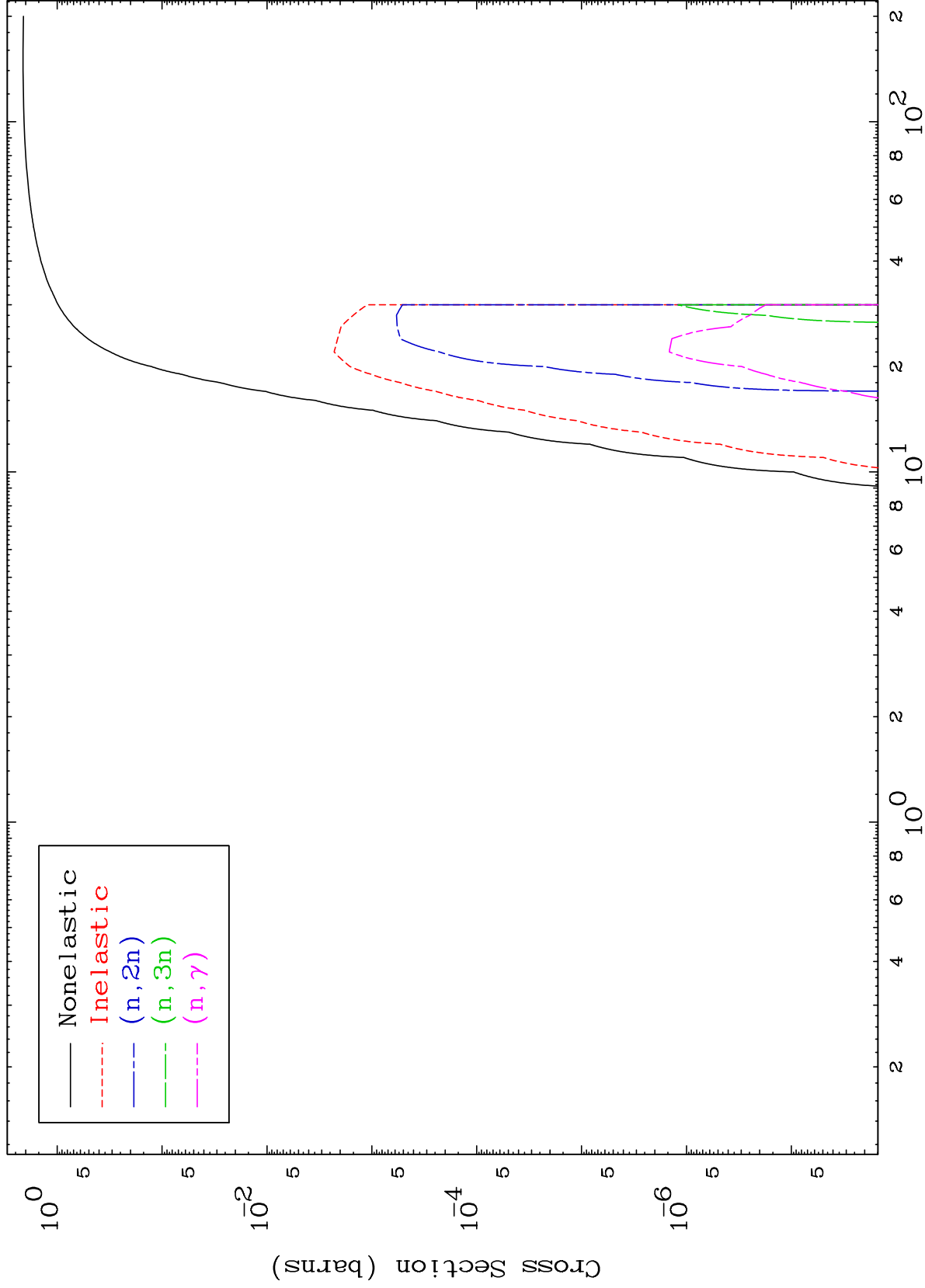
Press Mouse Button to Start

MAT 7071

He-3 Major

0 Kelvin Cross Sections

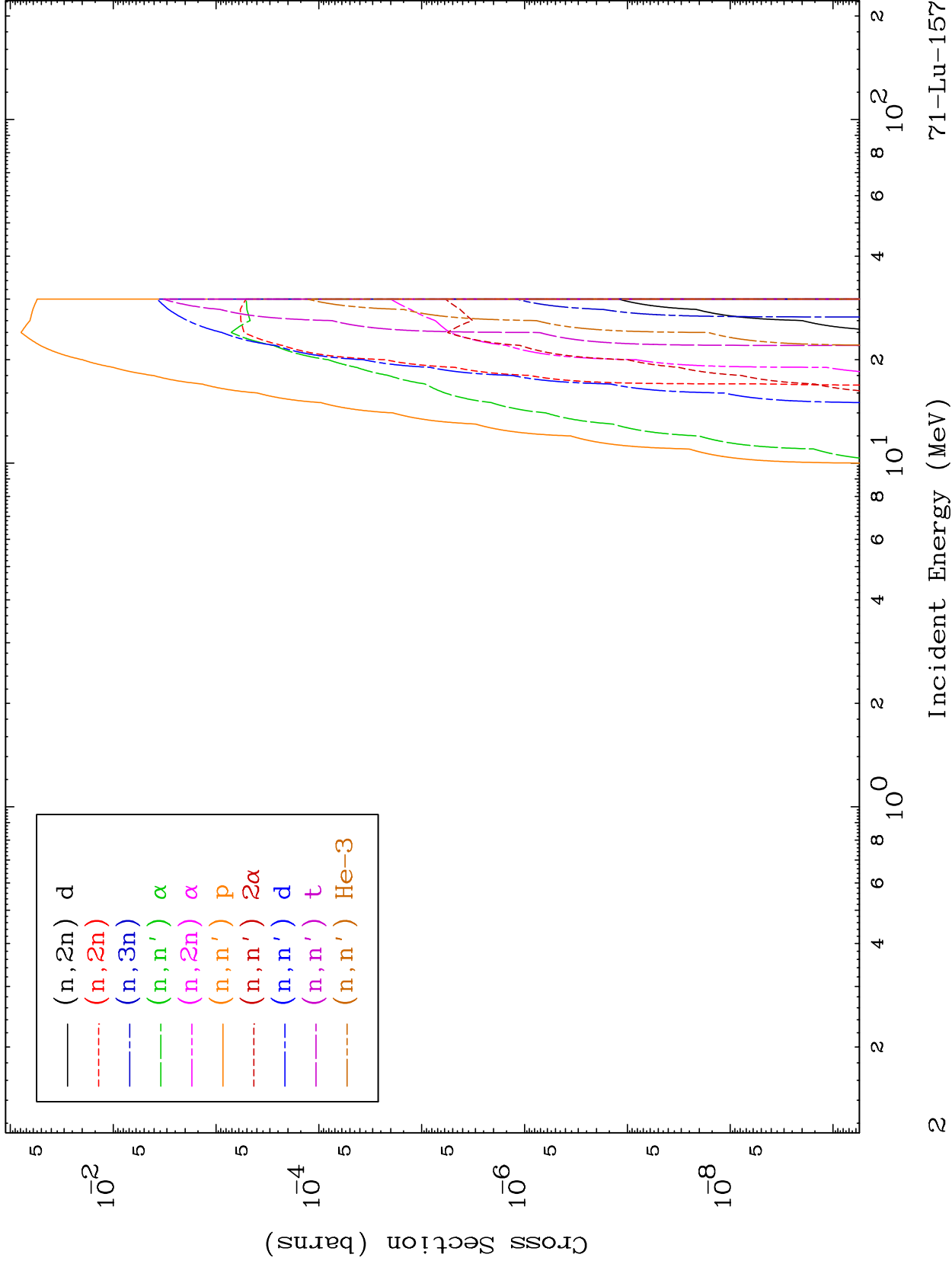
71-Lu-157

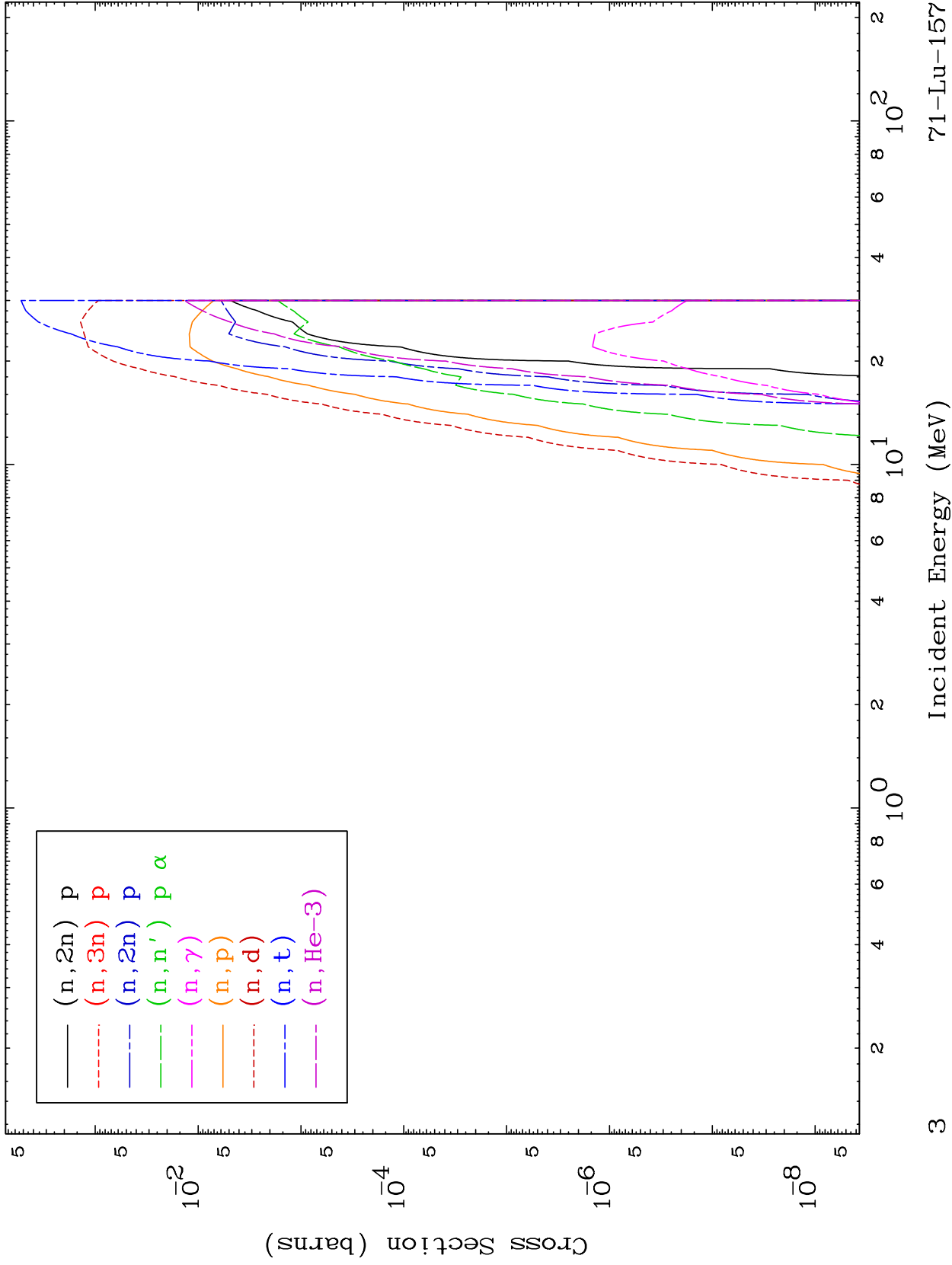


MAT 7071

He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-157

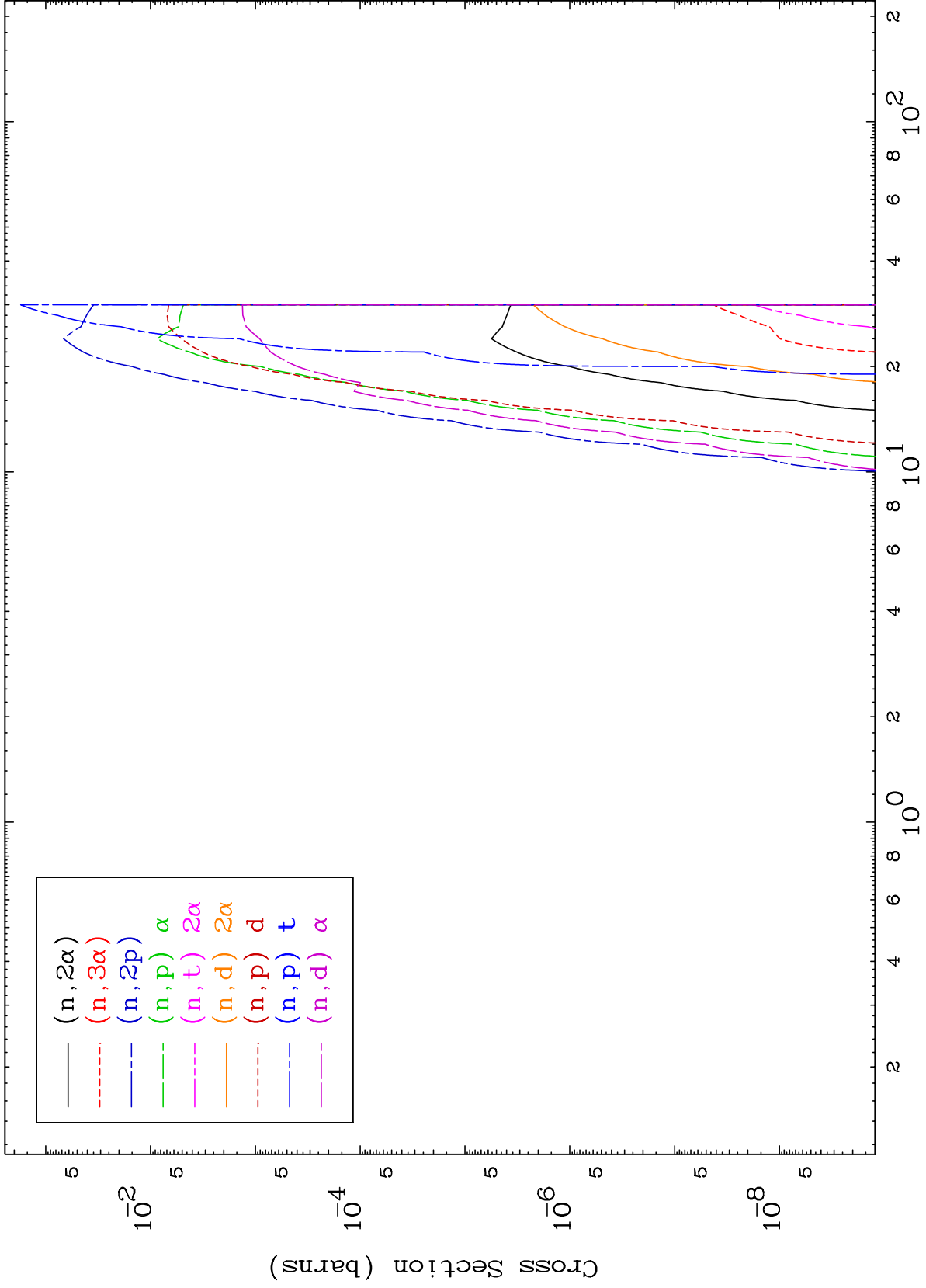


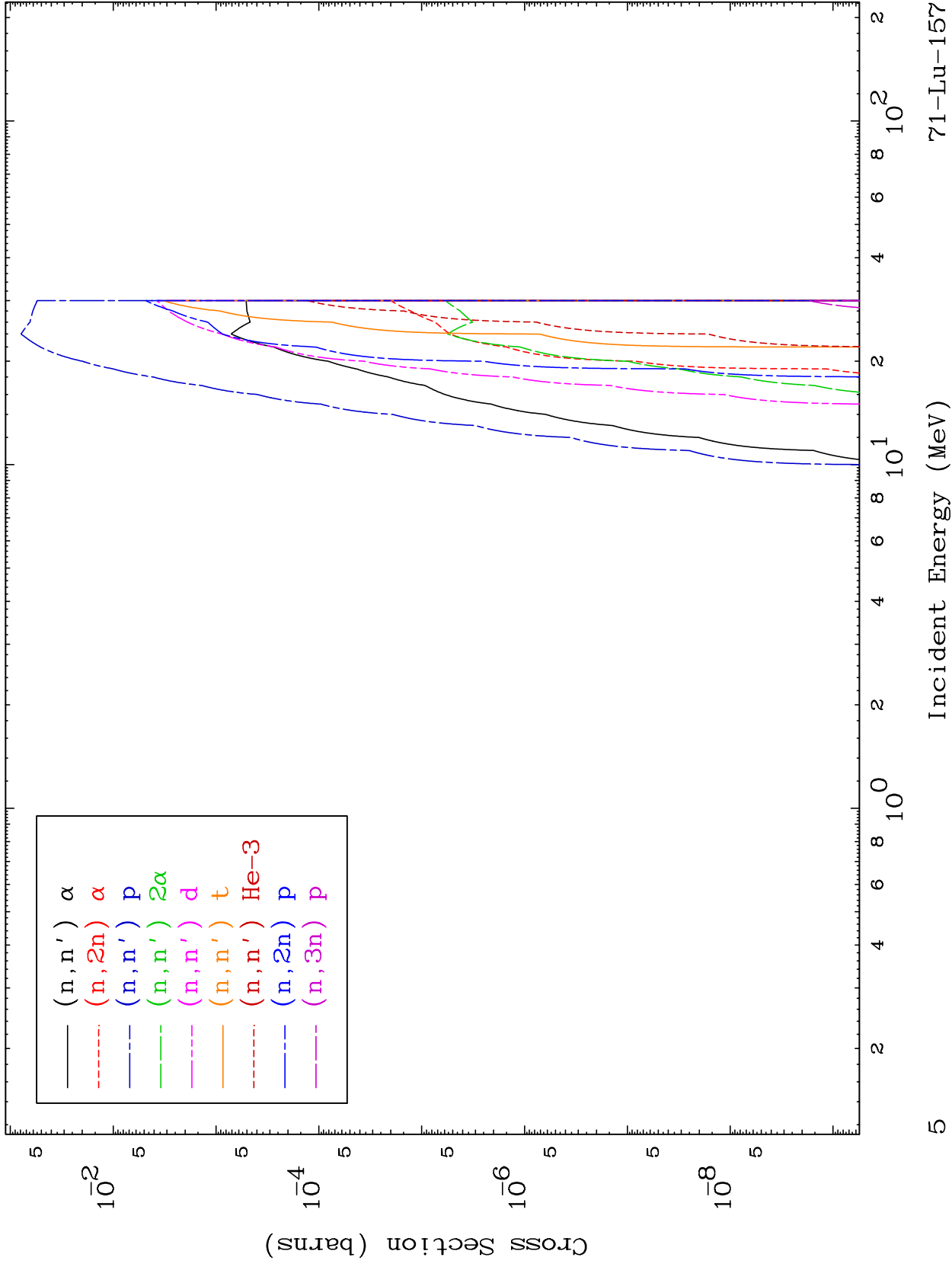


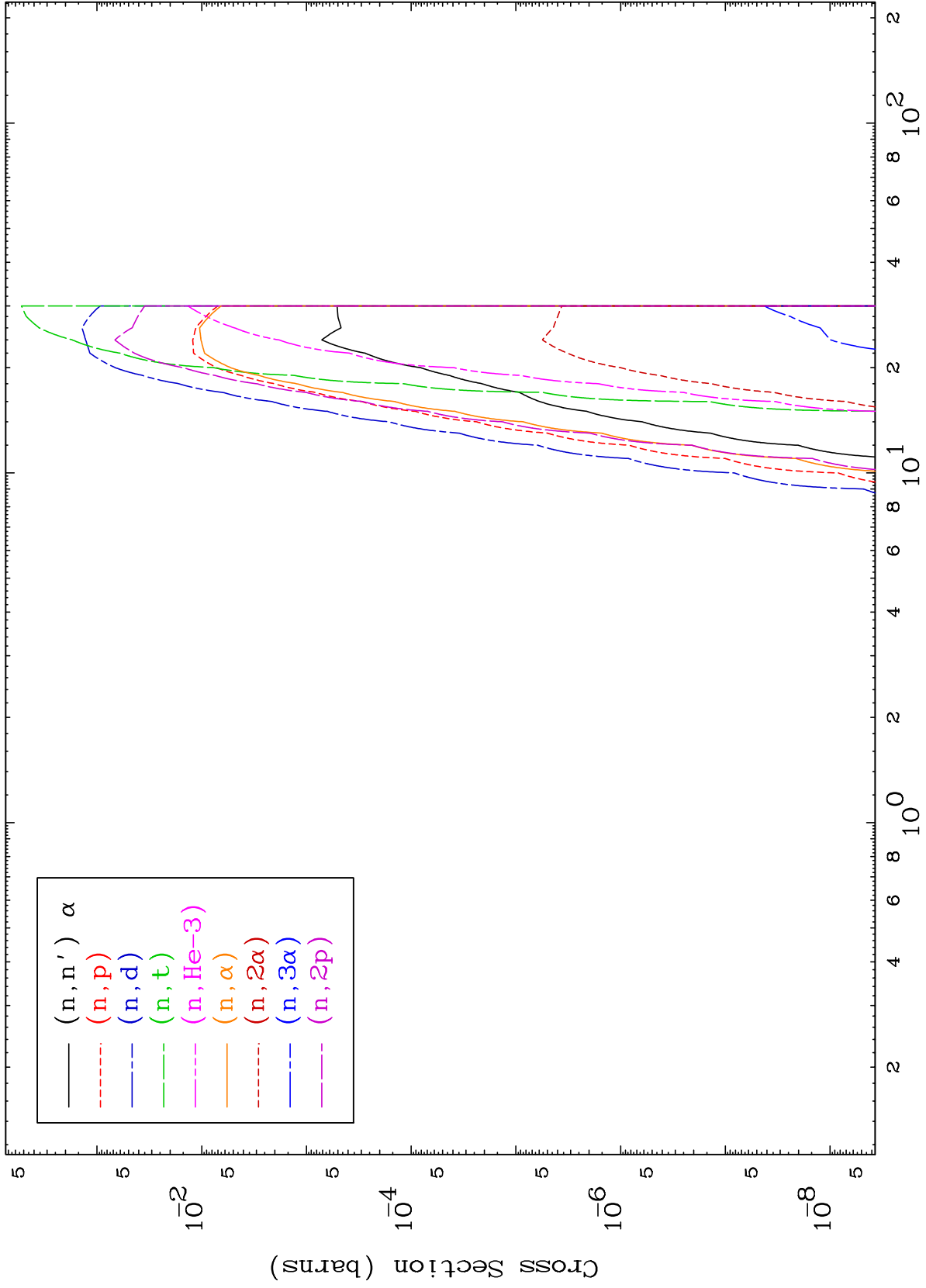
MAT 7071

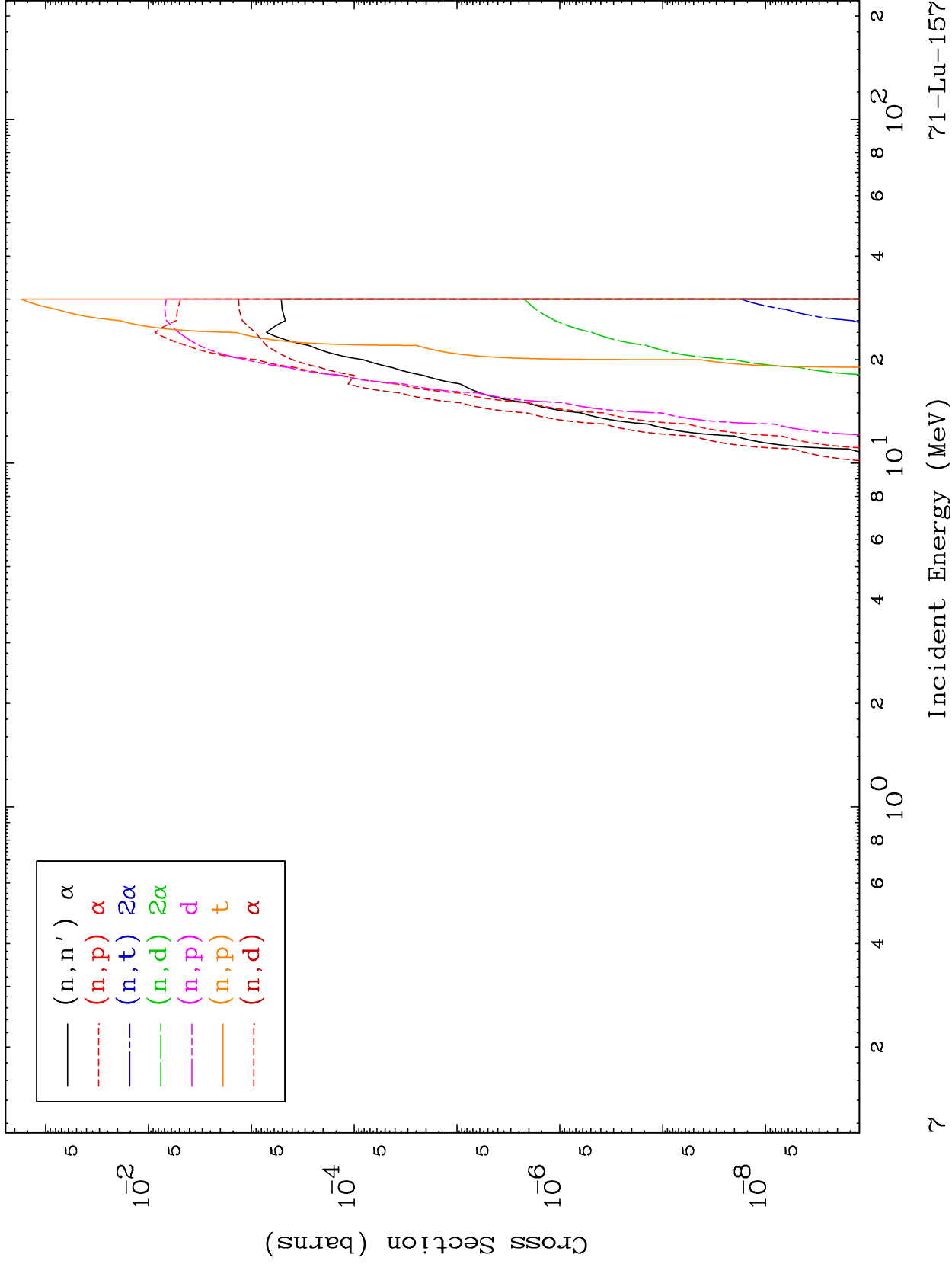
He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-157







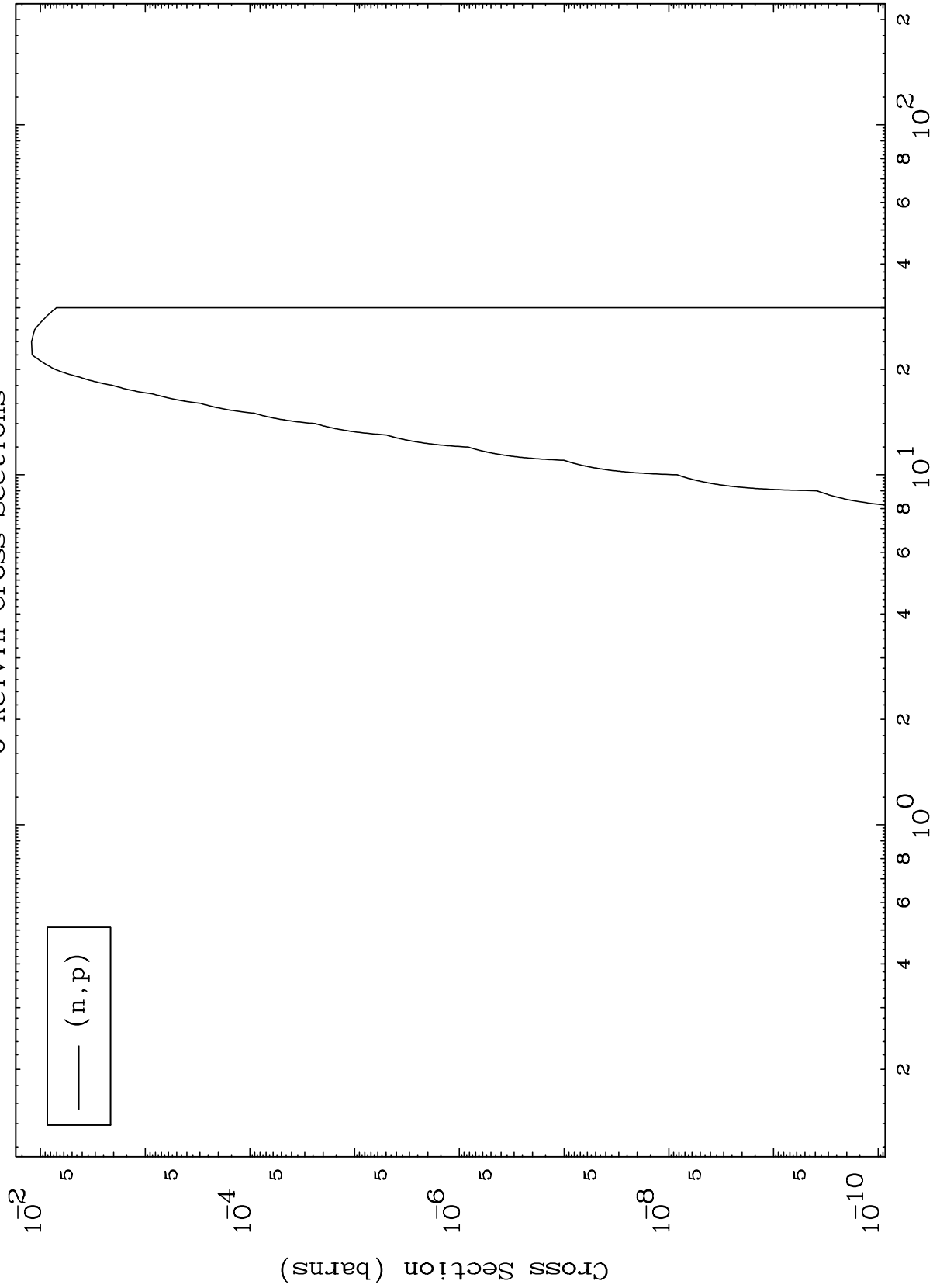


MAT 7071

(He-3,p) Levels

71-Lu-157

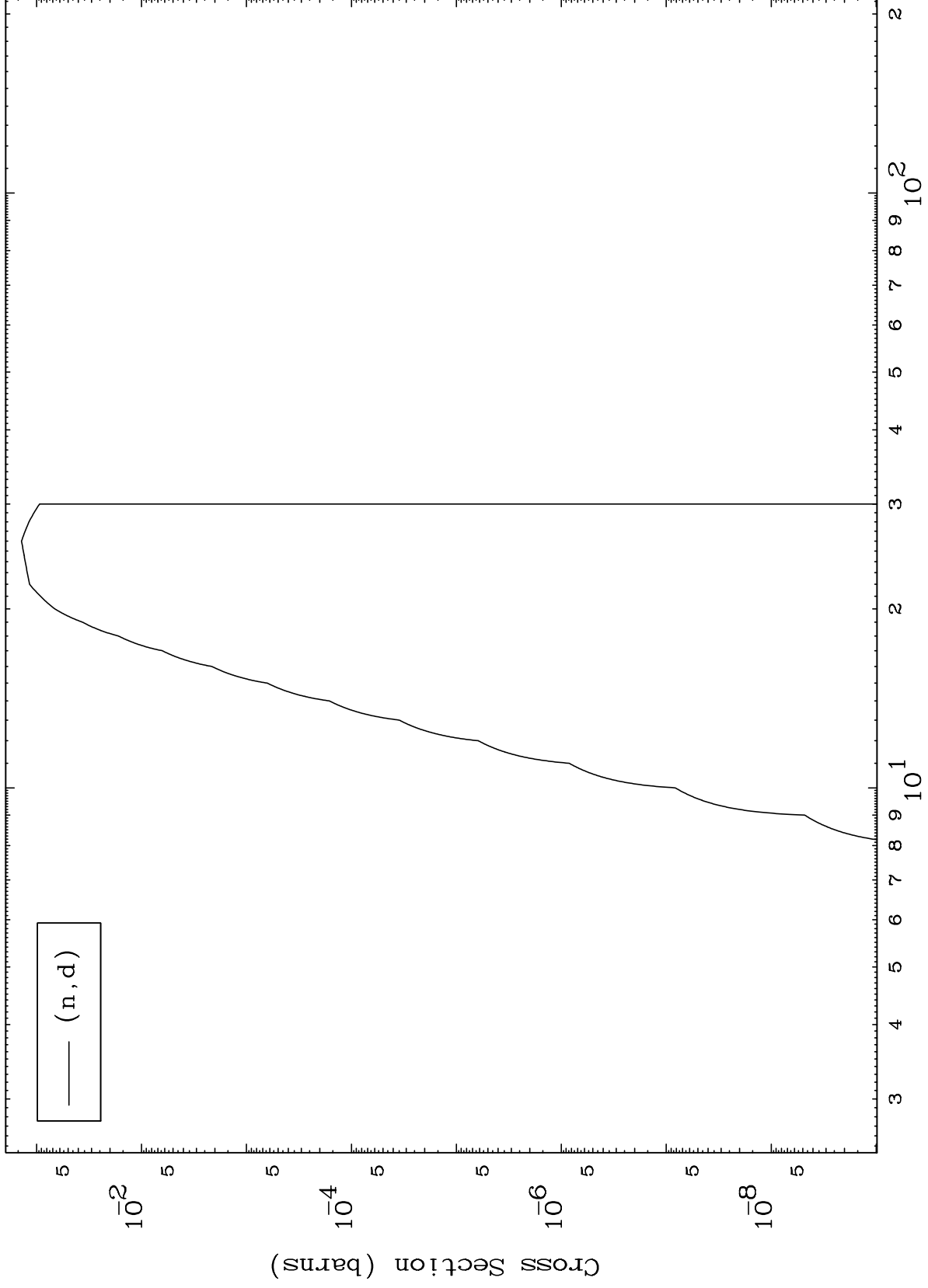
0 Kelvin Cross Sections



MAT 7071

(He-3,d) Levels
0 Kelvin Cross Sections

71-Lu-157



9

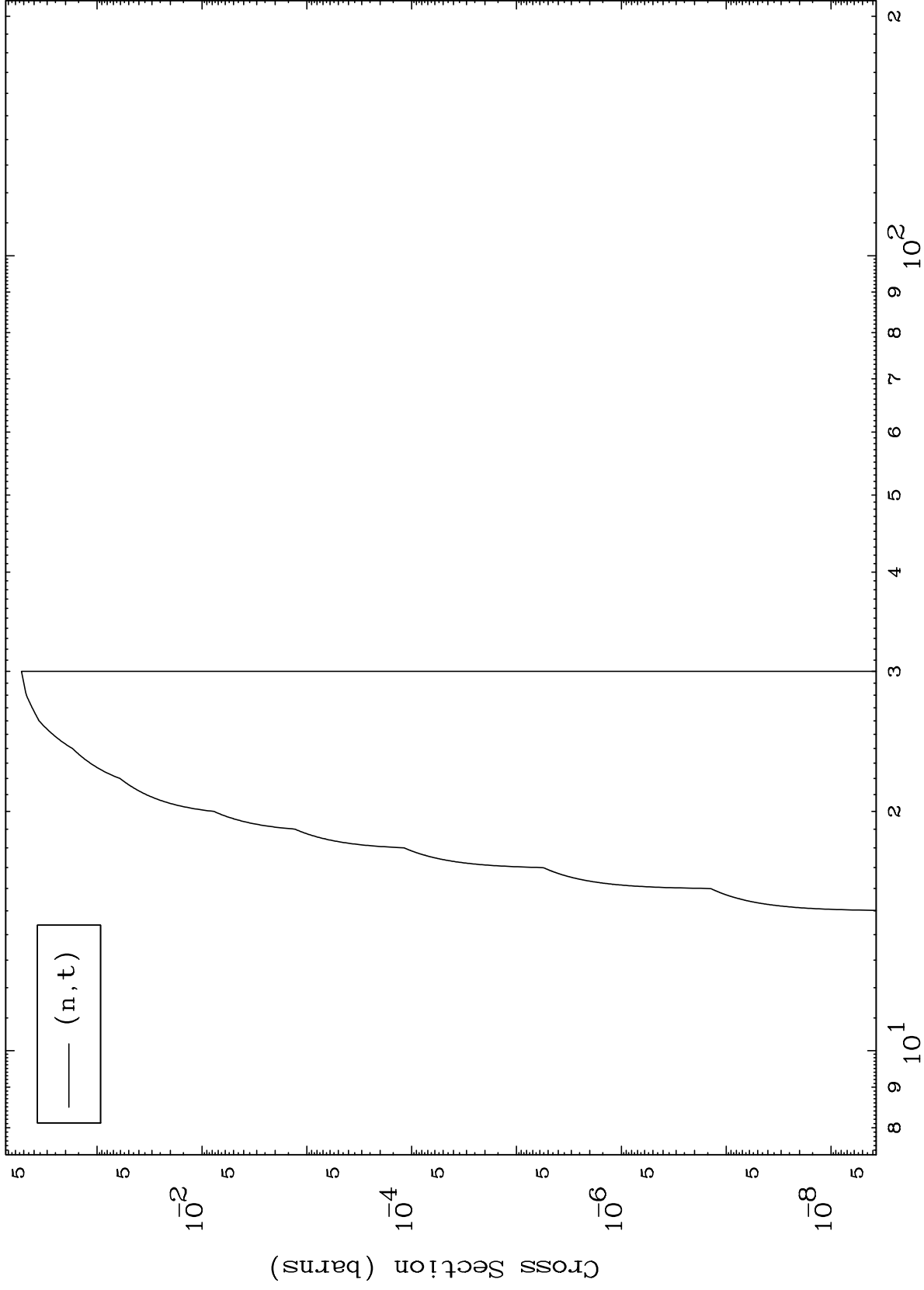
Incident Energy (MeV)

71-Lu-157

MAT 7071

(He-3,t) Levels
0 Kelvin Cross Sections

71-Lu-157



10

Incident Energy (MeV)

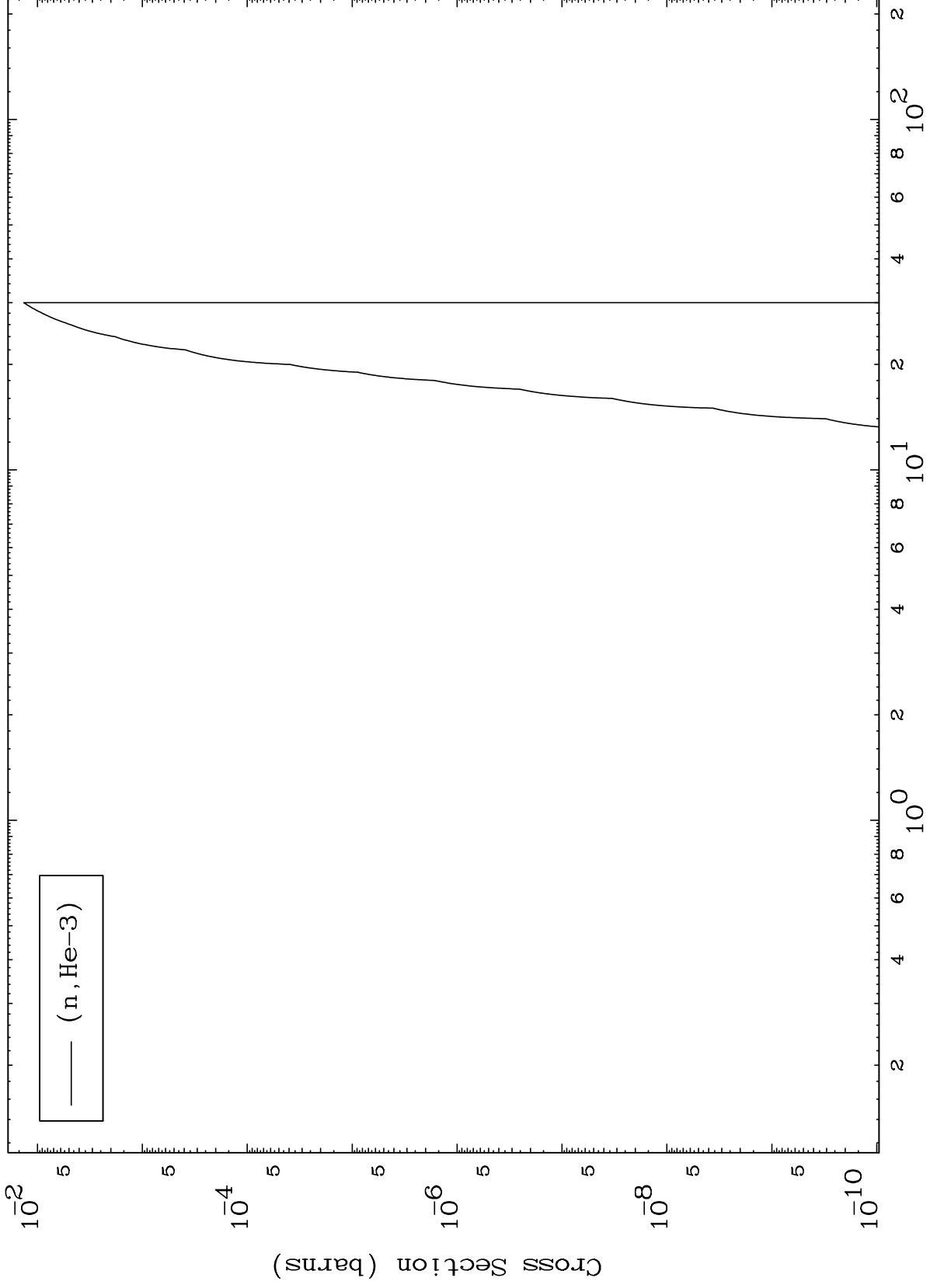
71-Lu-157

MAT 7071

(He-3, He3) Levels

71-Lu-157

0 Kelvin Cross Sections

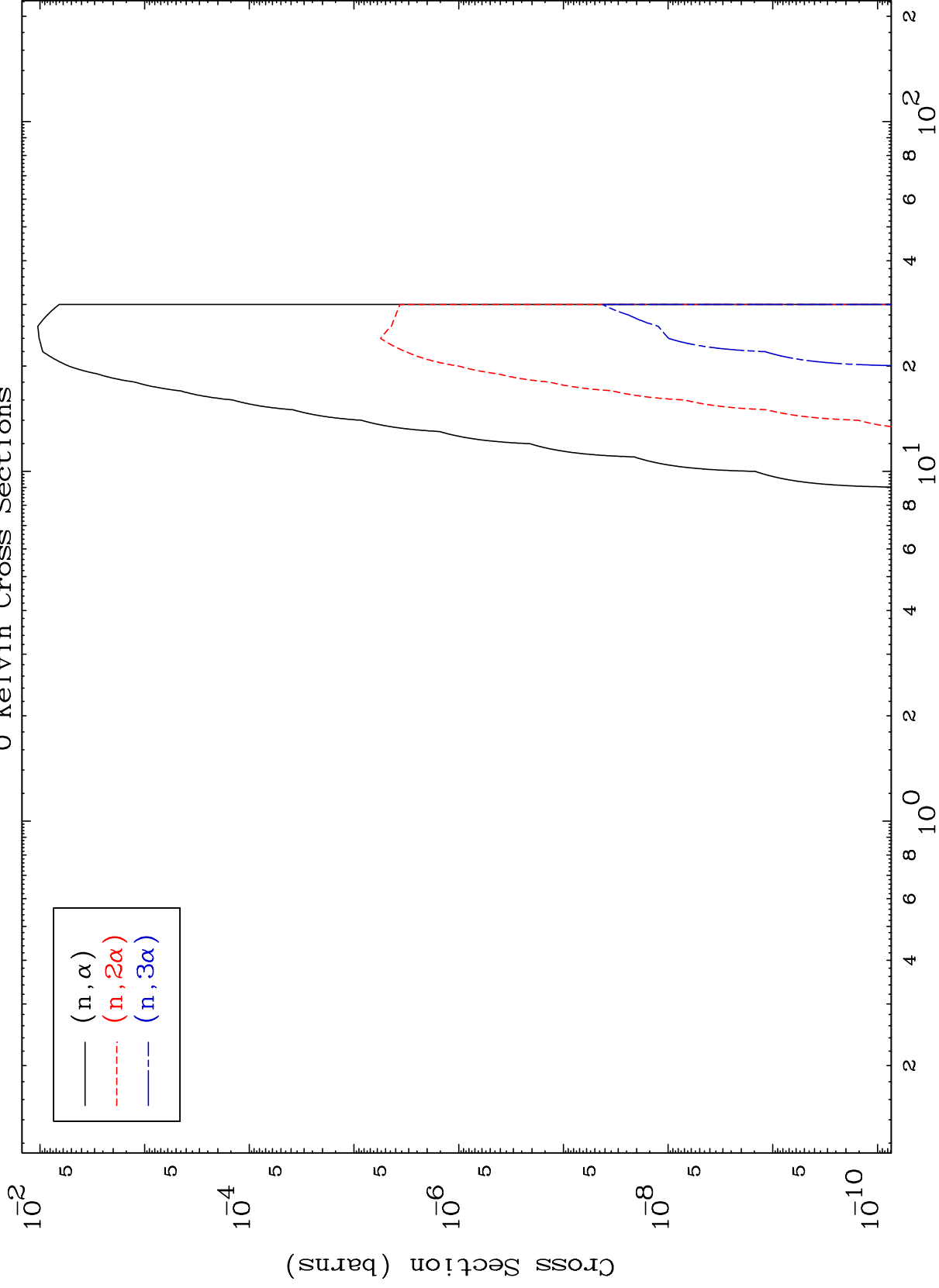


MAT 7071

(He-3, α) Levels

71-Lu-157

0 Kelvin Cross Sections



12

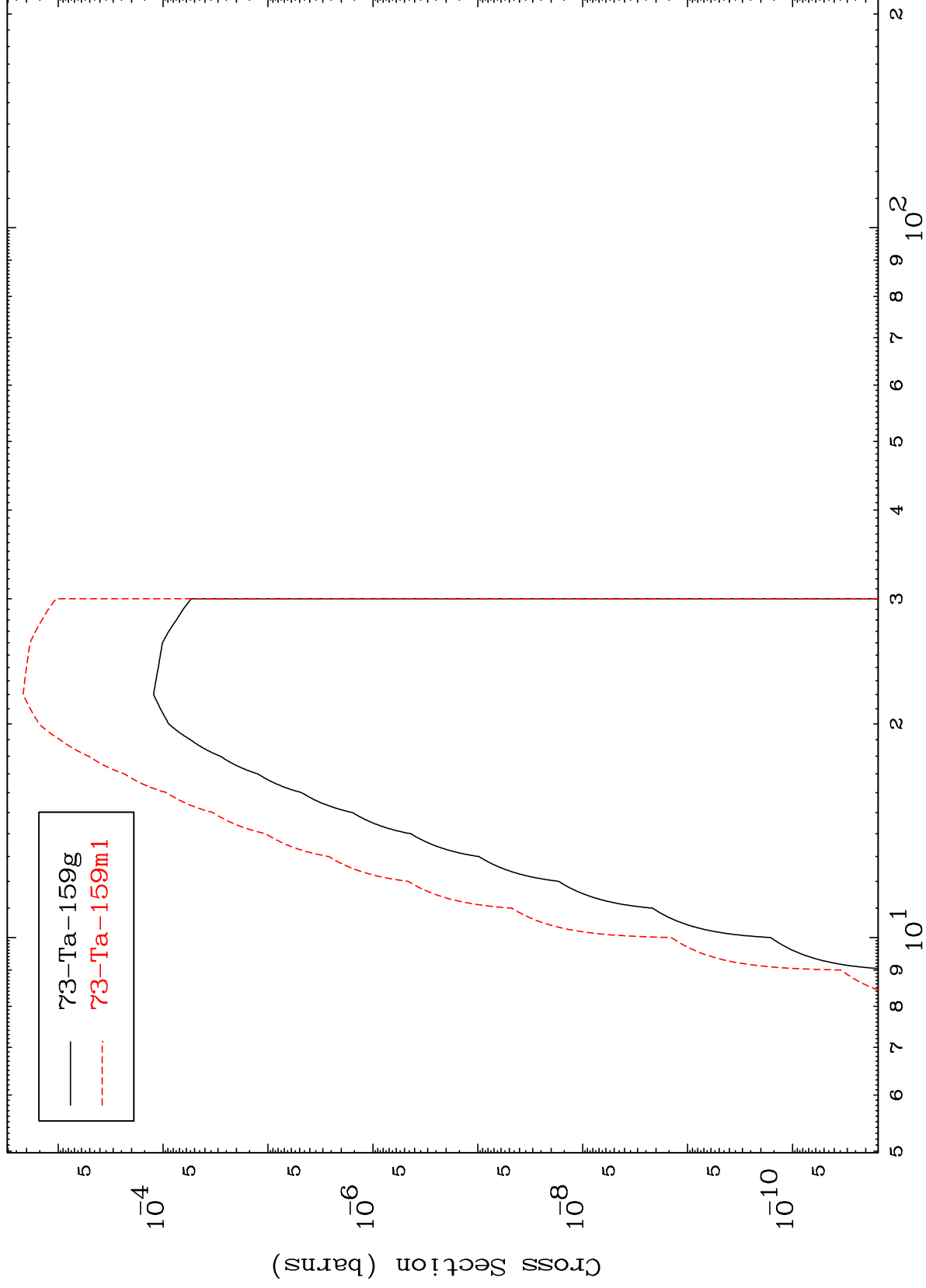
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

Inelastic
Radionuclide Production Cross Section



13

Incident Energy (MeV)

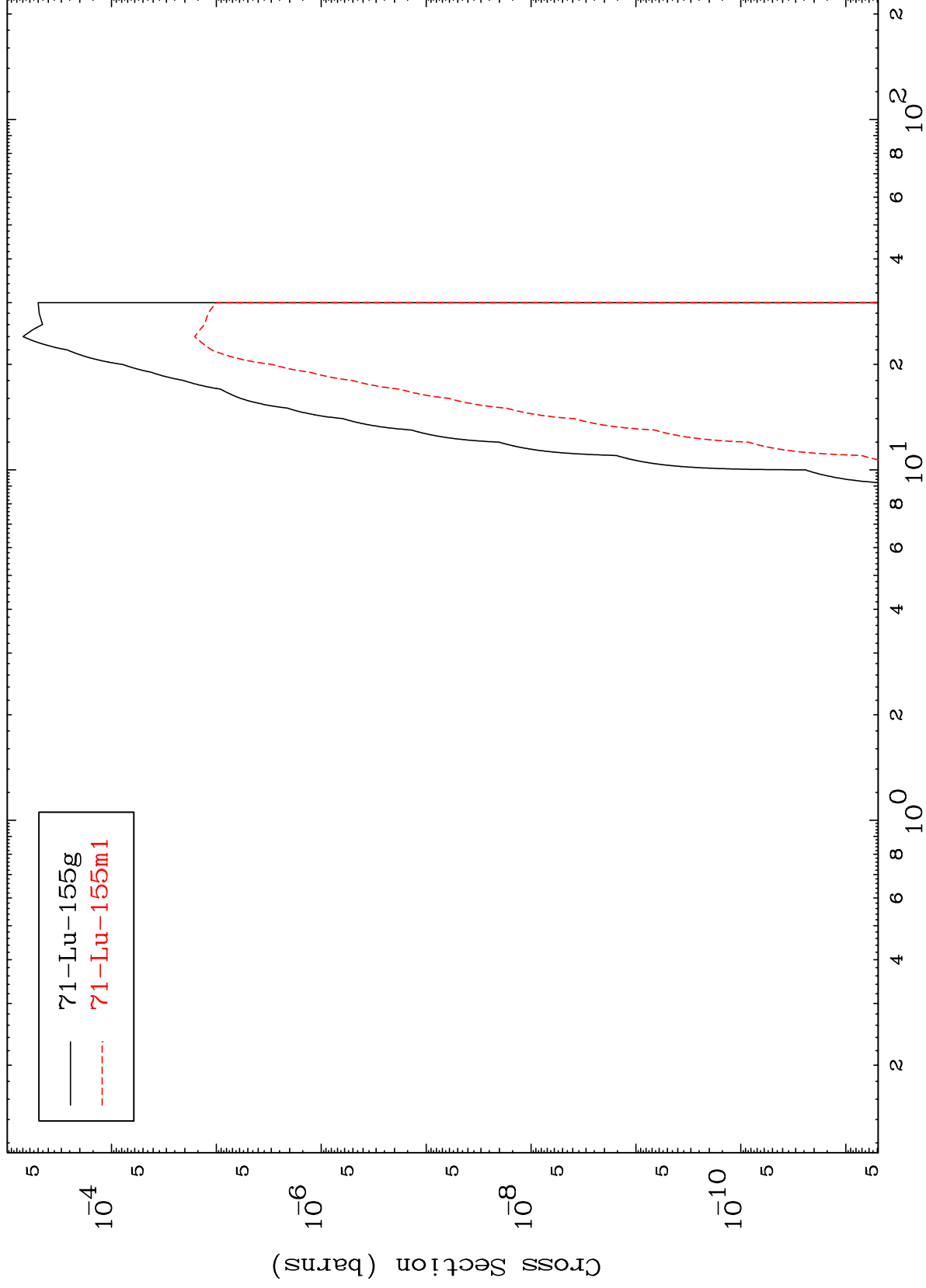
71-Lu-157

MAT 7071

$(n, n') \alpha$

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

Radionuclide Production Cross Section

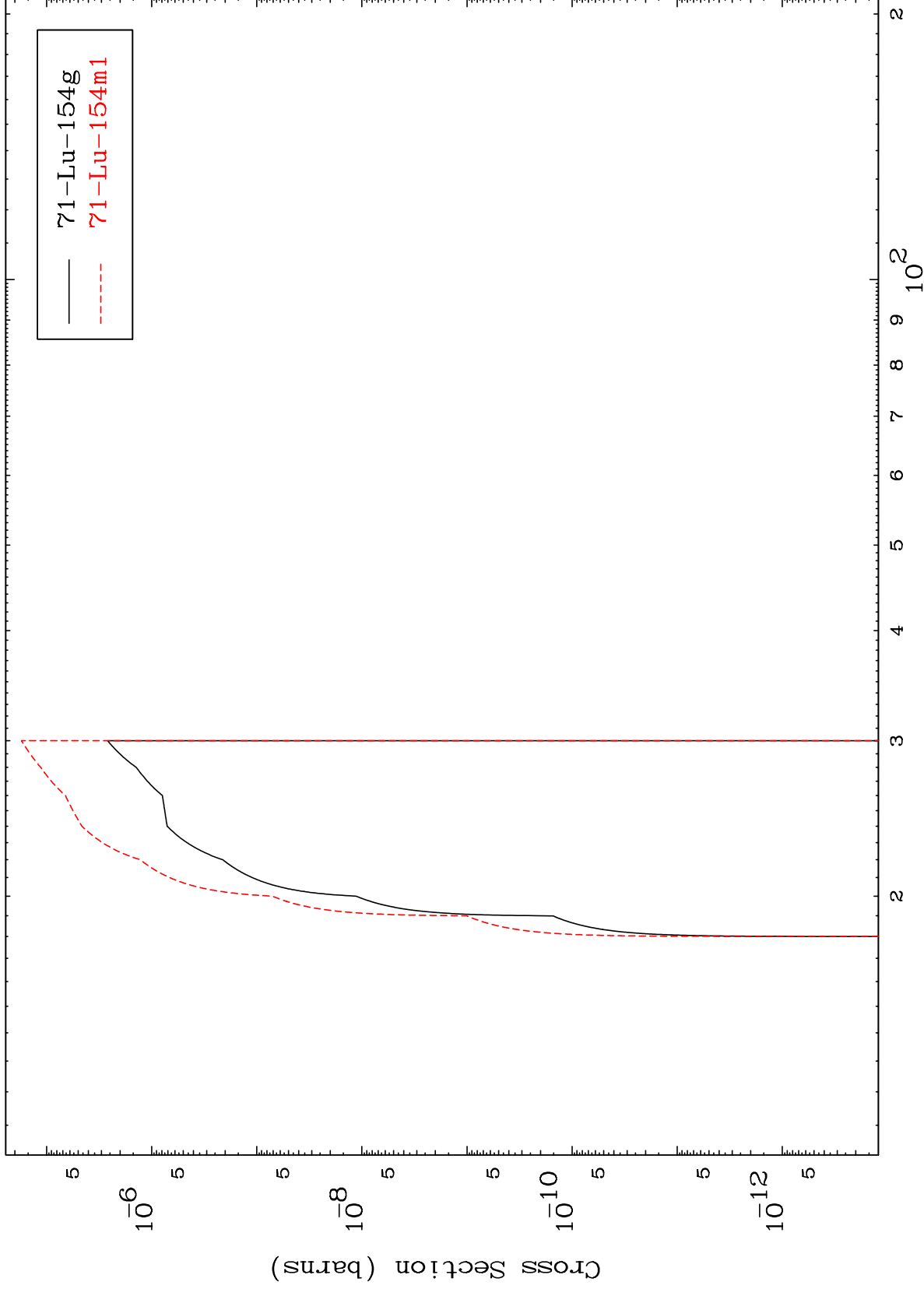


14

Incident Energy (MeV)

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

Radionuclide Production Cross Section

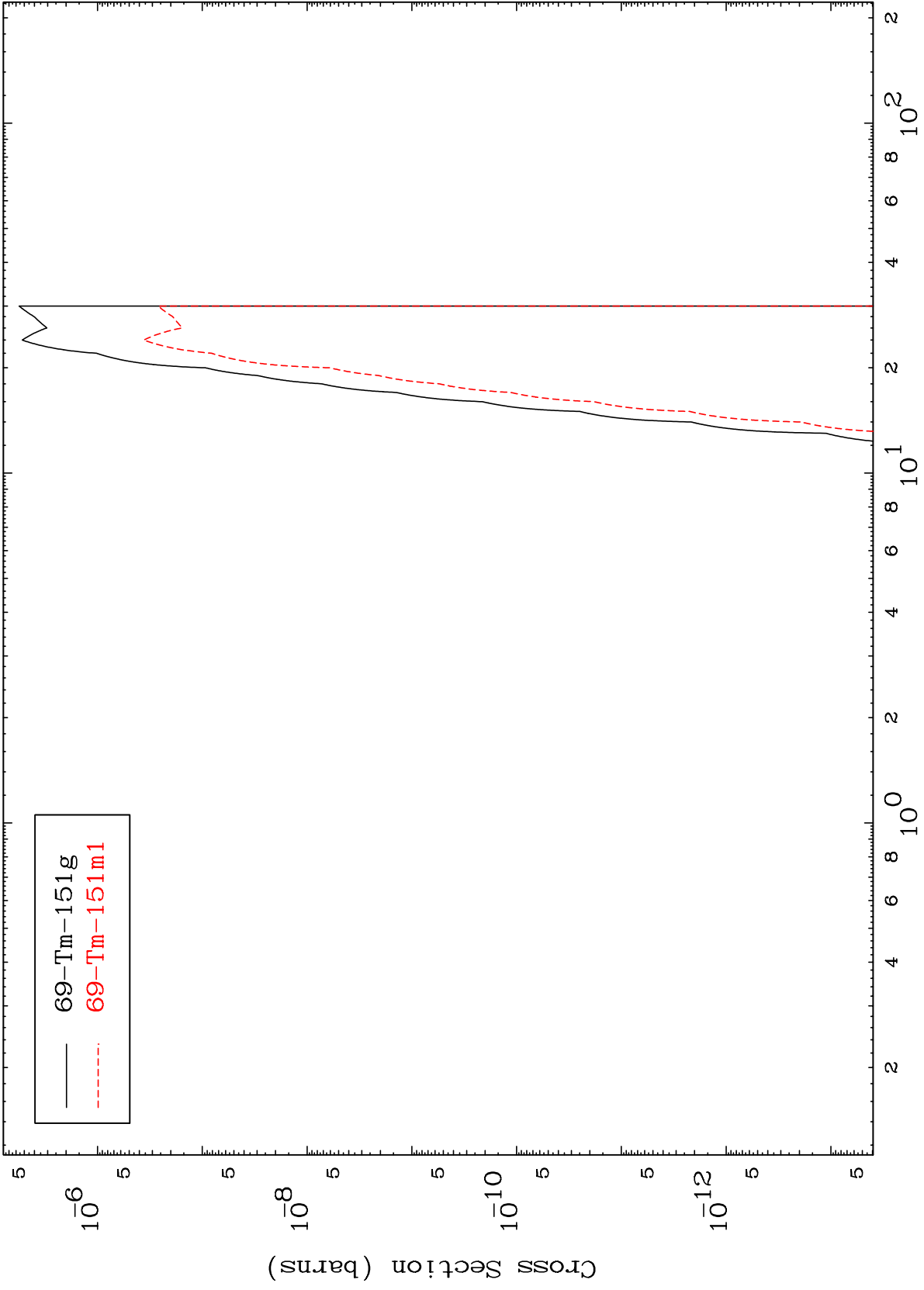


MAT 7071

(n,n') 2α

71-Lu-157

Radionuclide Production Cross Section

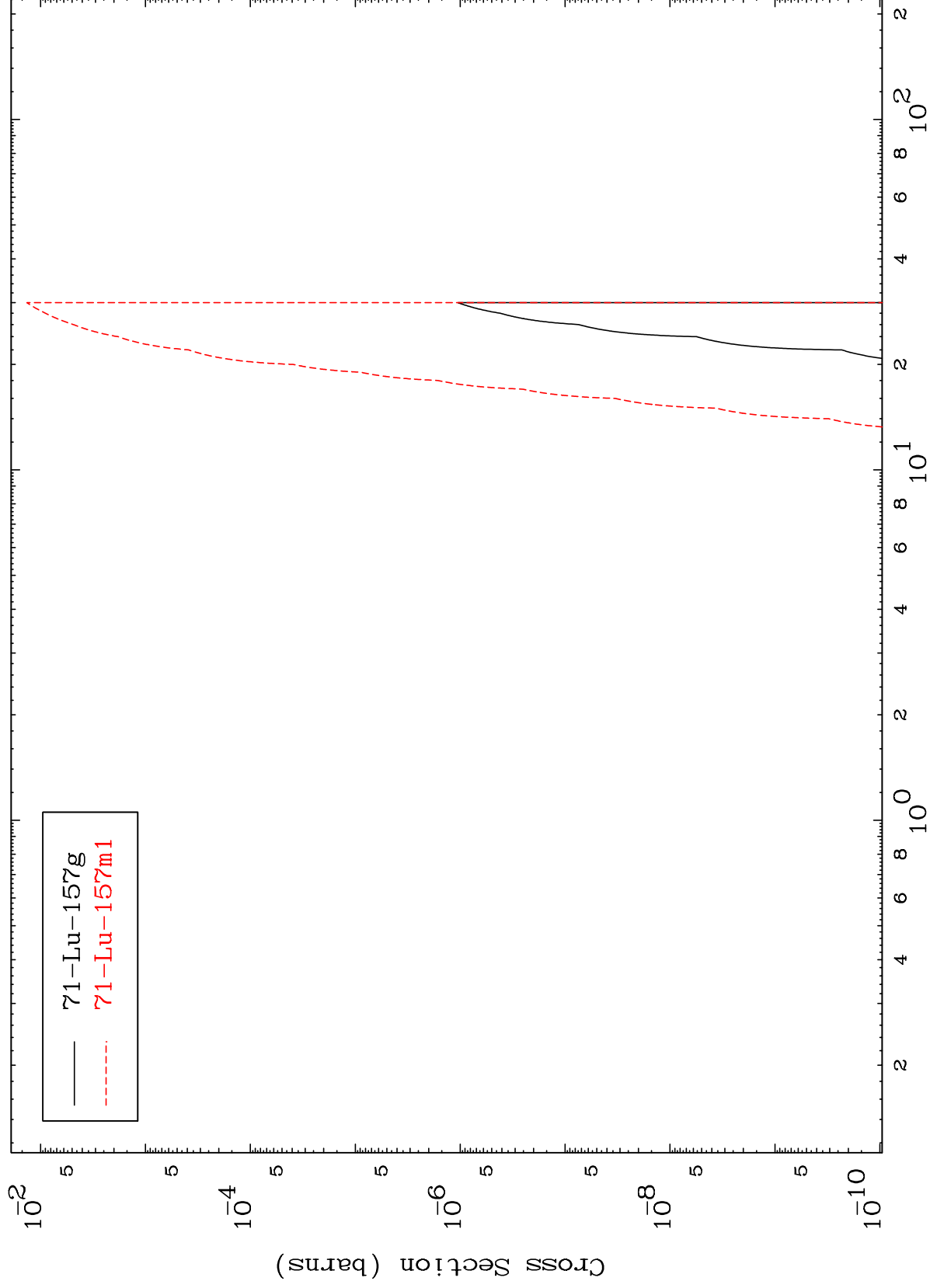


MAT 7071

(n,He-3)

⁷¹Lu-157

Radionuclide Production Cross Section



18

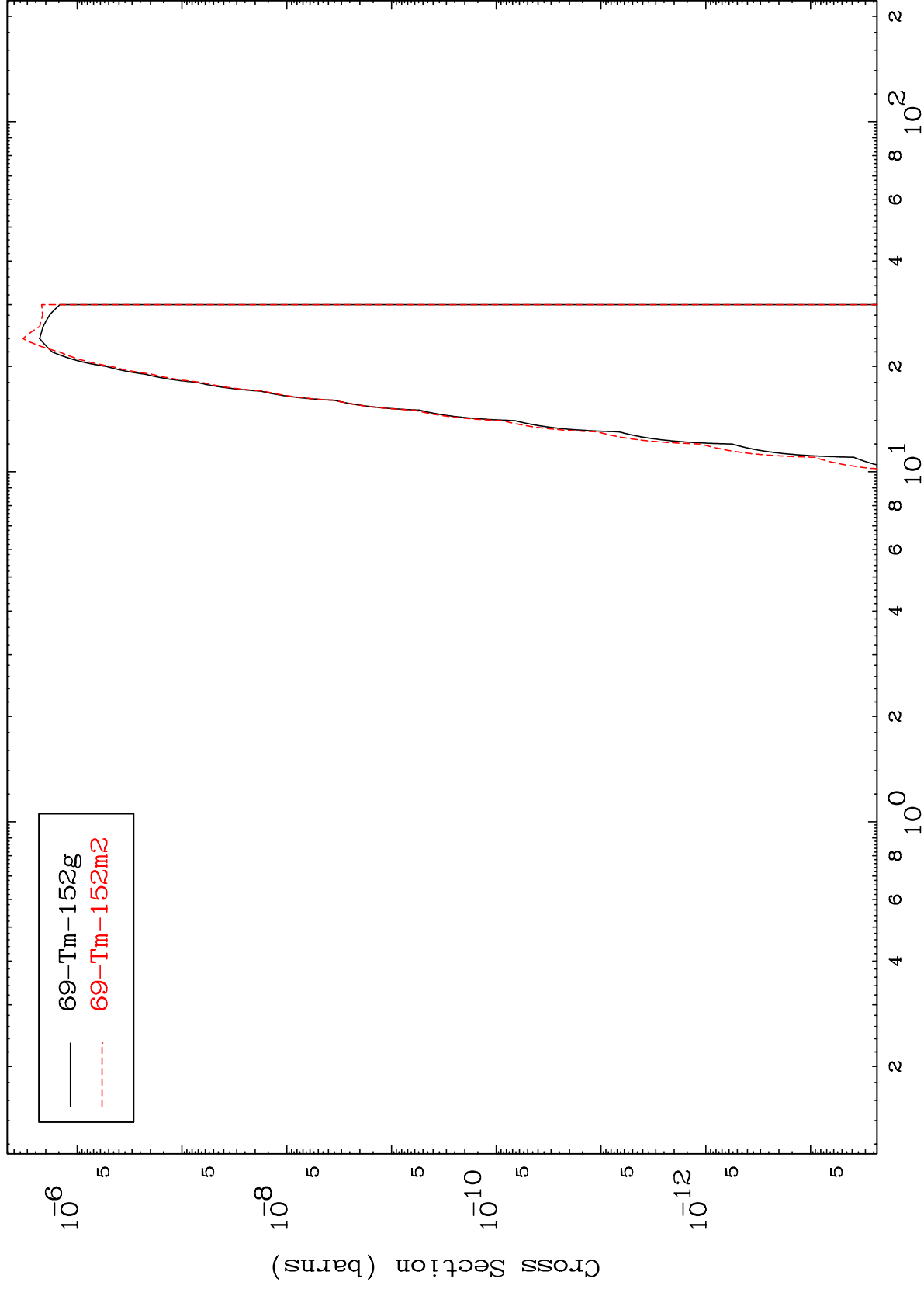
Incident Energy (MeV)

⁷¹Lu-157

MAT 7071

71-Lu-157

(n,2α)
Radionuclide Production Cross Section



19

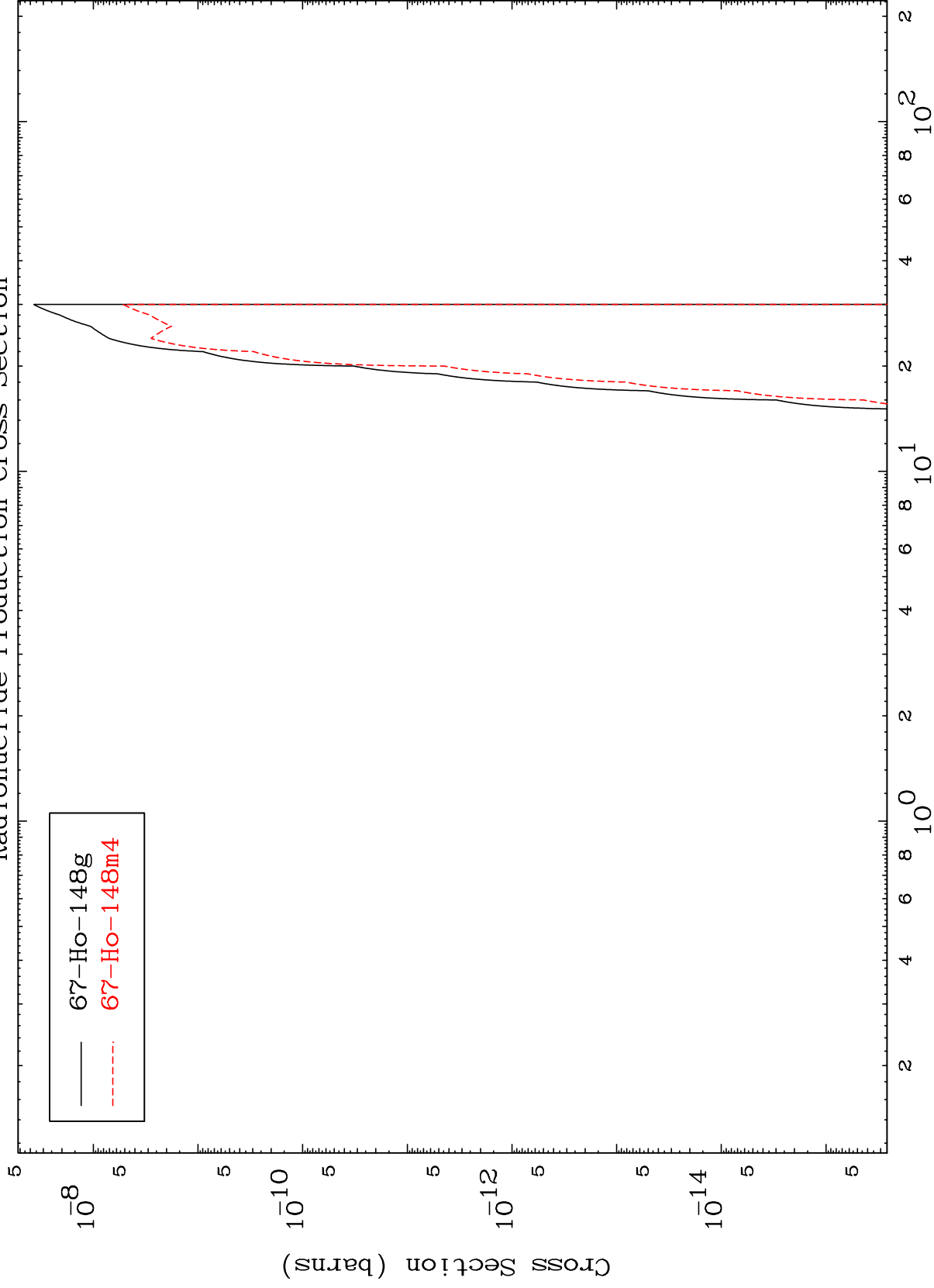
Incident Energy (MeV)

71-Lu-157

MAT 7071

⁷¹Lu-157

(n, 3α)
Radionuclide Production Cross Section



Incident Energy (MeV)

⁷¹Lu-157

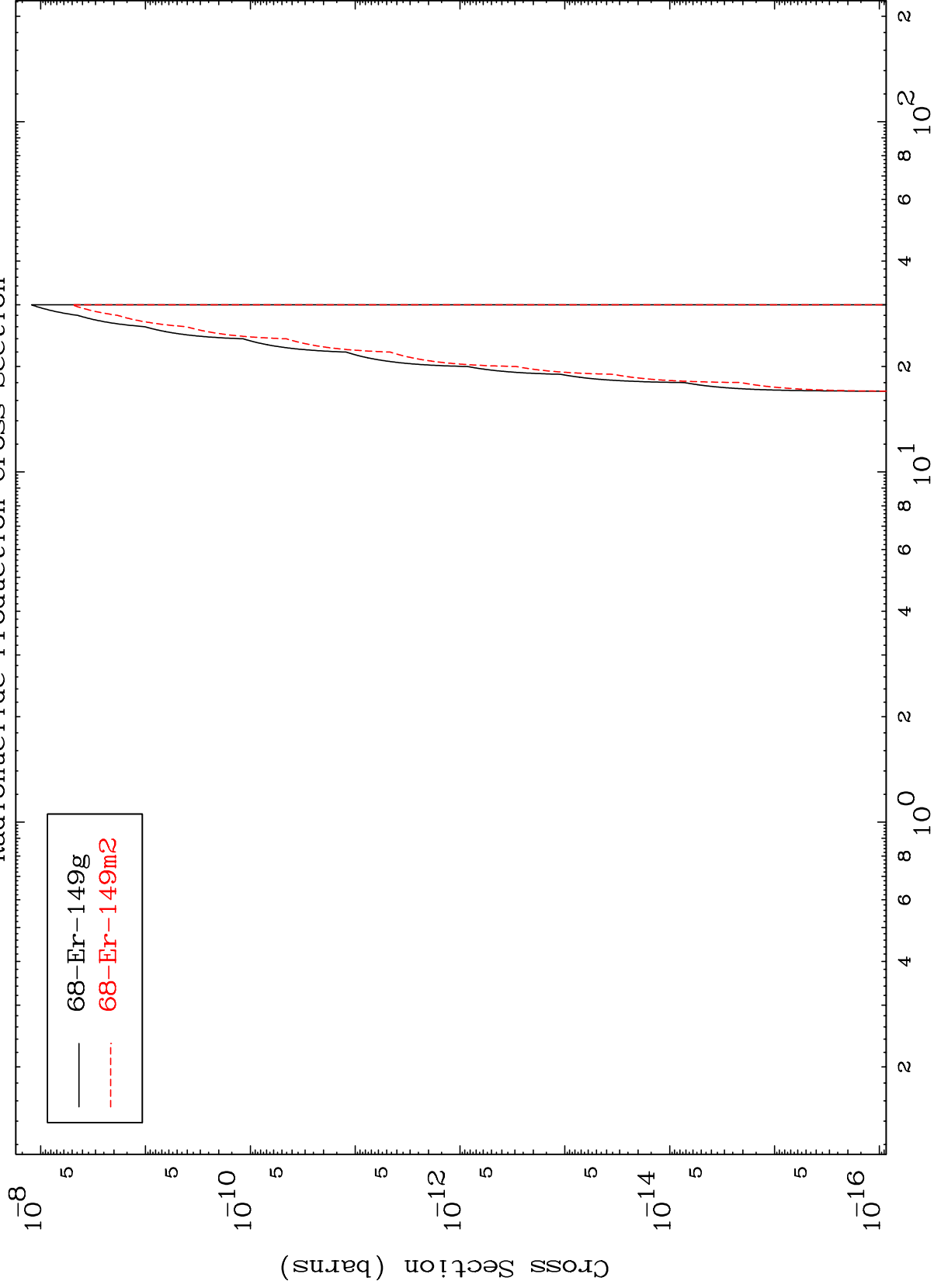
20

MAT 7071

(n,t) 2 α

71-Lu-157

Radionuclide Production Cross Section

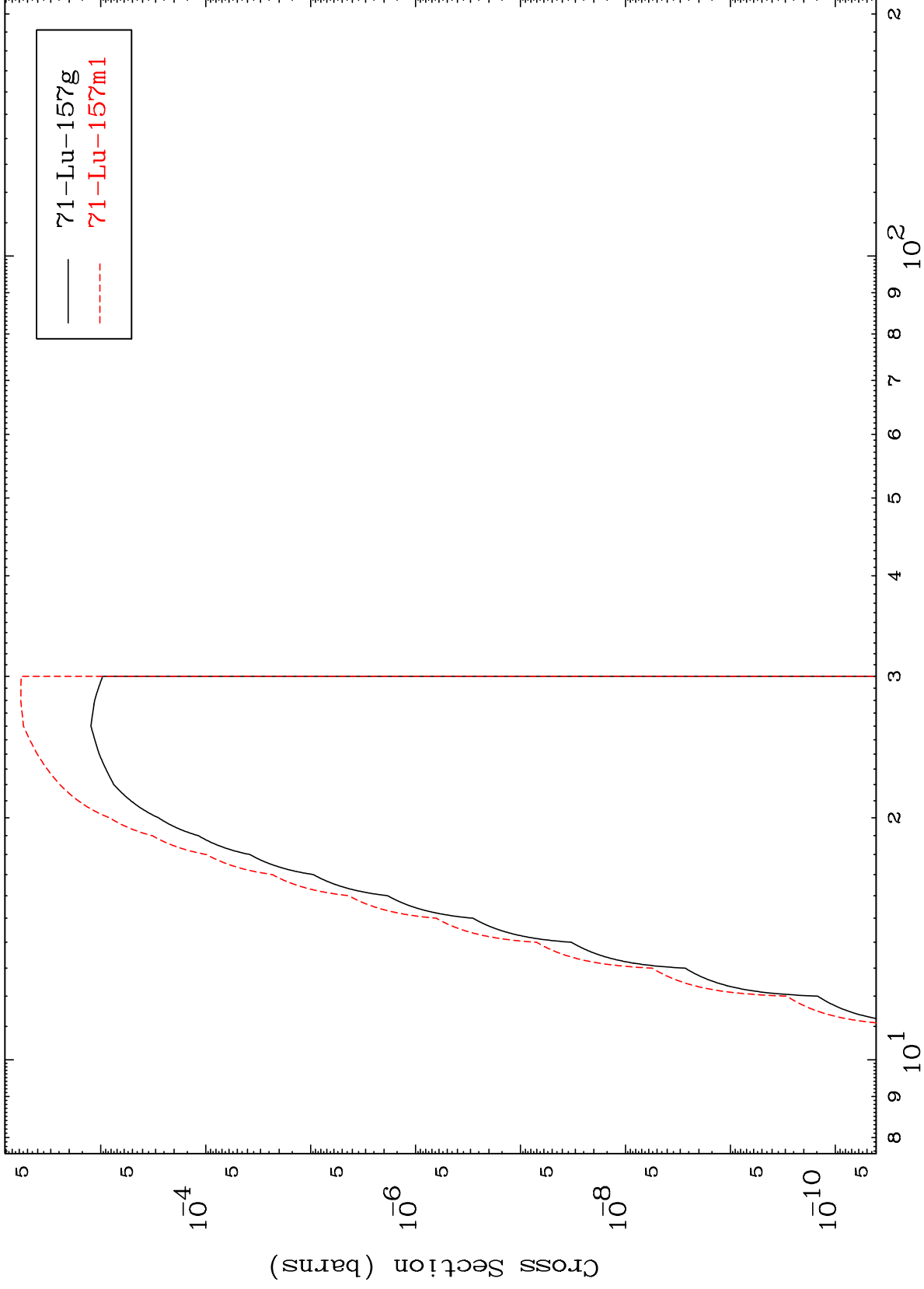


MAT 7071

(n,p) d

⁷¹Lu-157

Radionuclide Production Cross Section



22

Incident Energy (MeV)

⁷¹Lu-157