

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

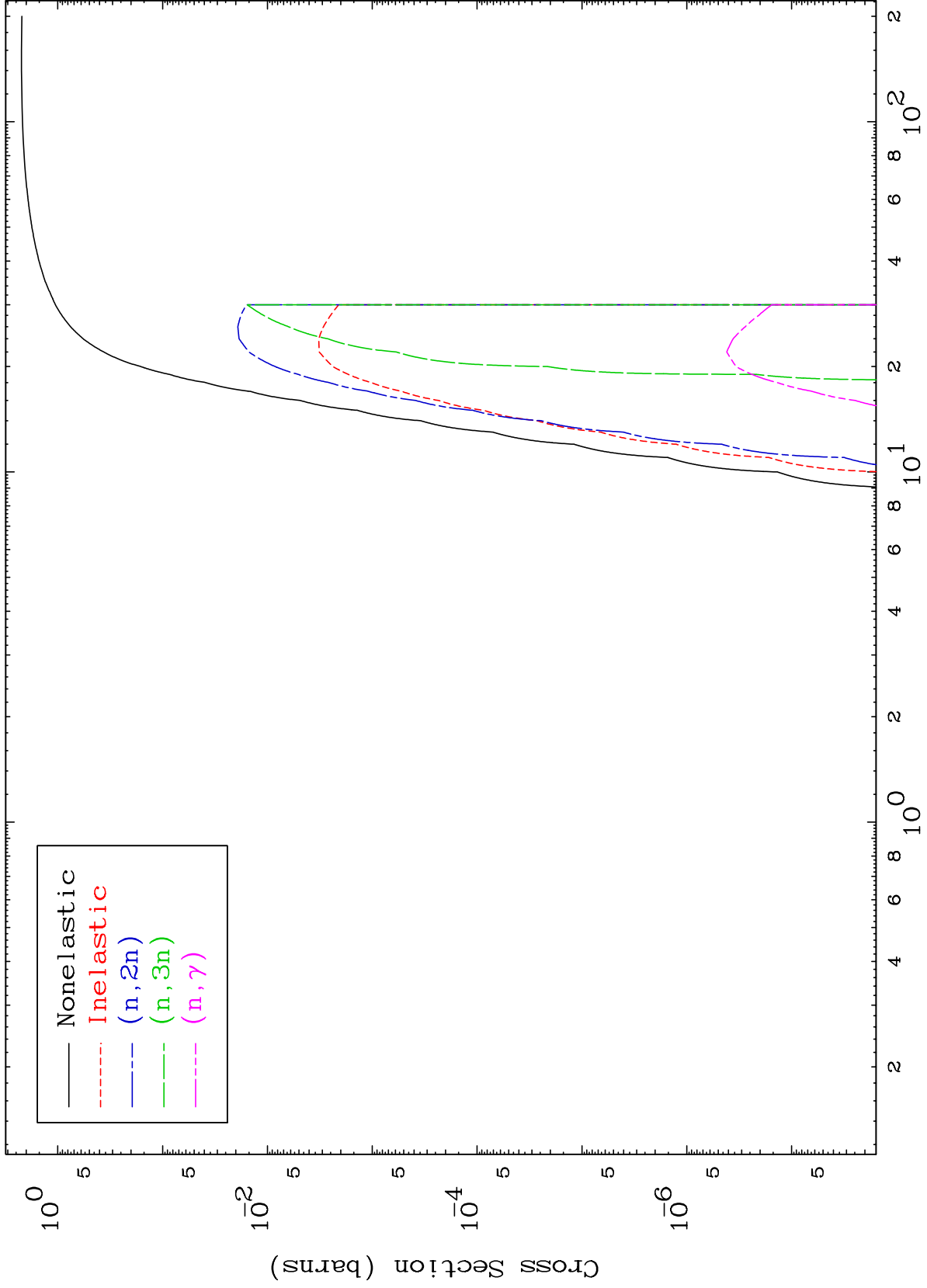
Press Mouse Button to Start

MAT 7104

He-3 Major

71-Lu-168

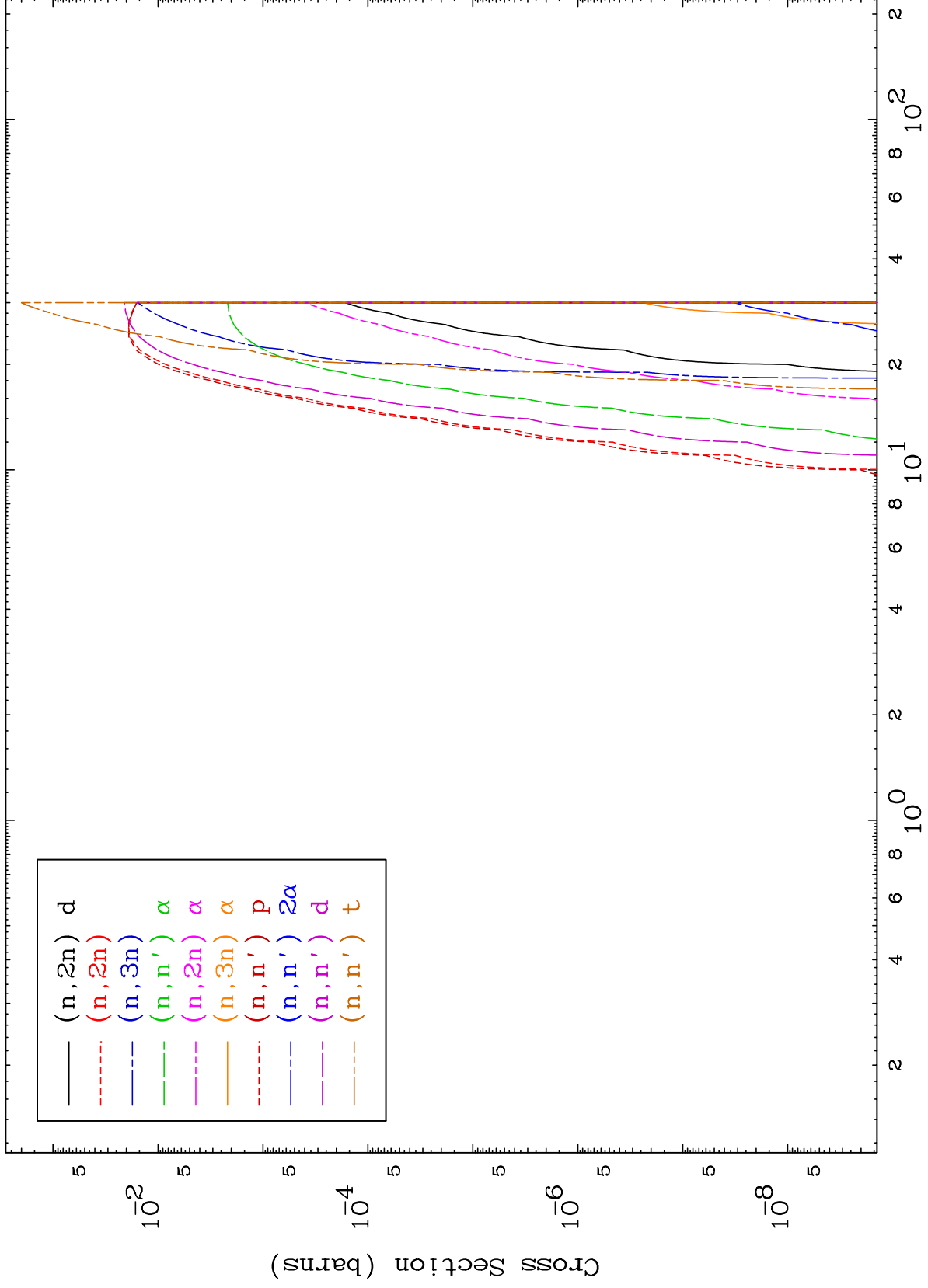
0 Kelvin Cross Sections



MAT 7104

He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-168



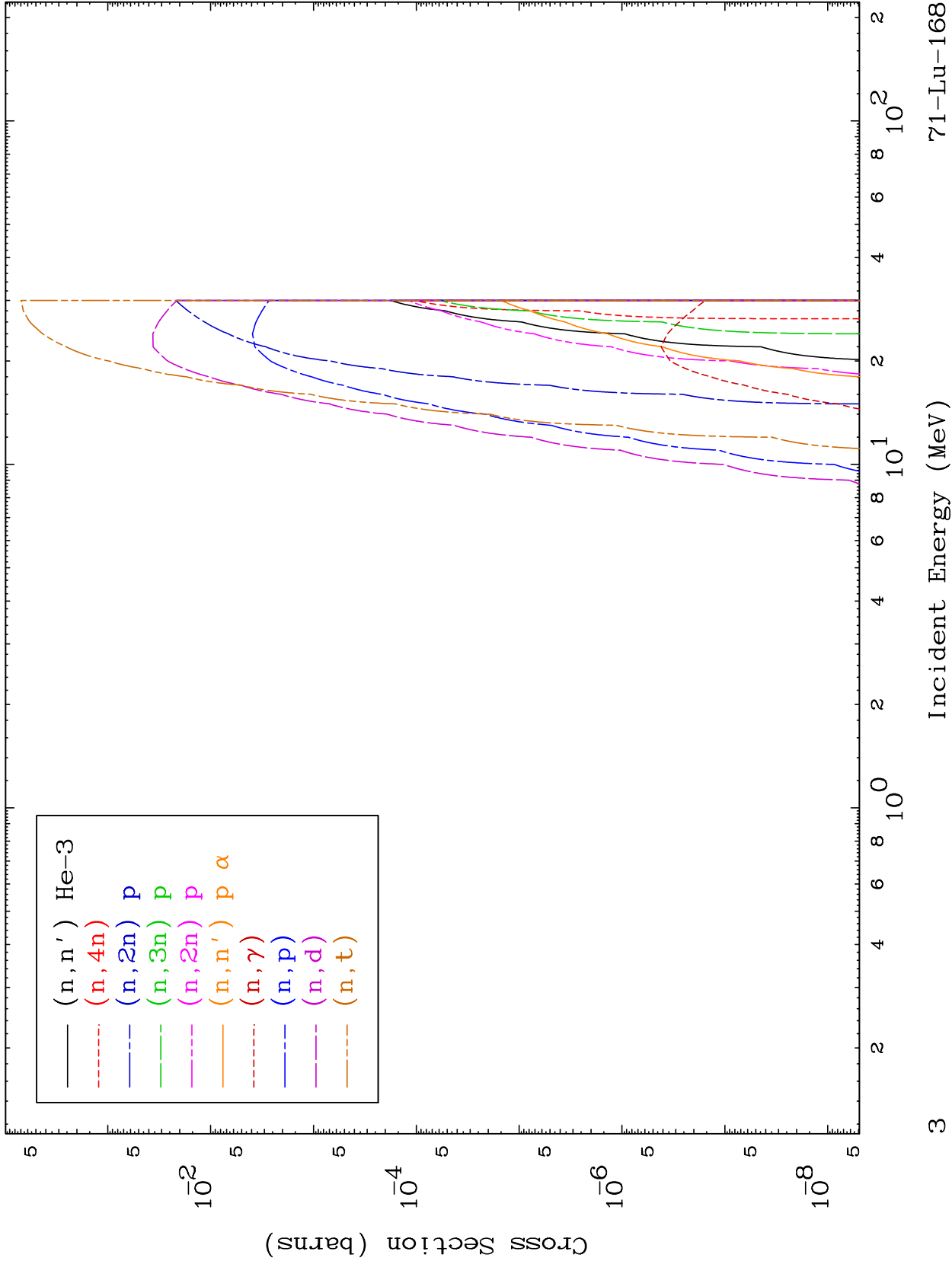
71-Lu-168

Incident Energy (MeV)

MAT 7104

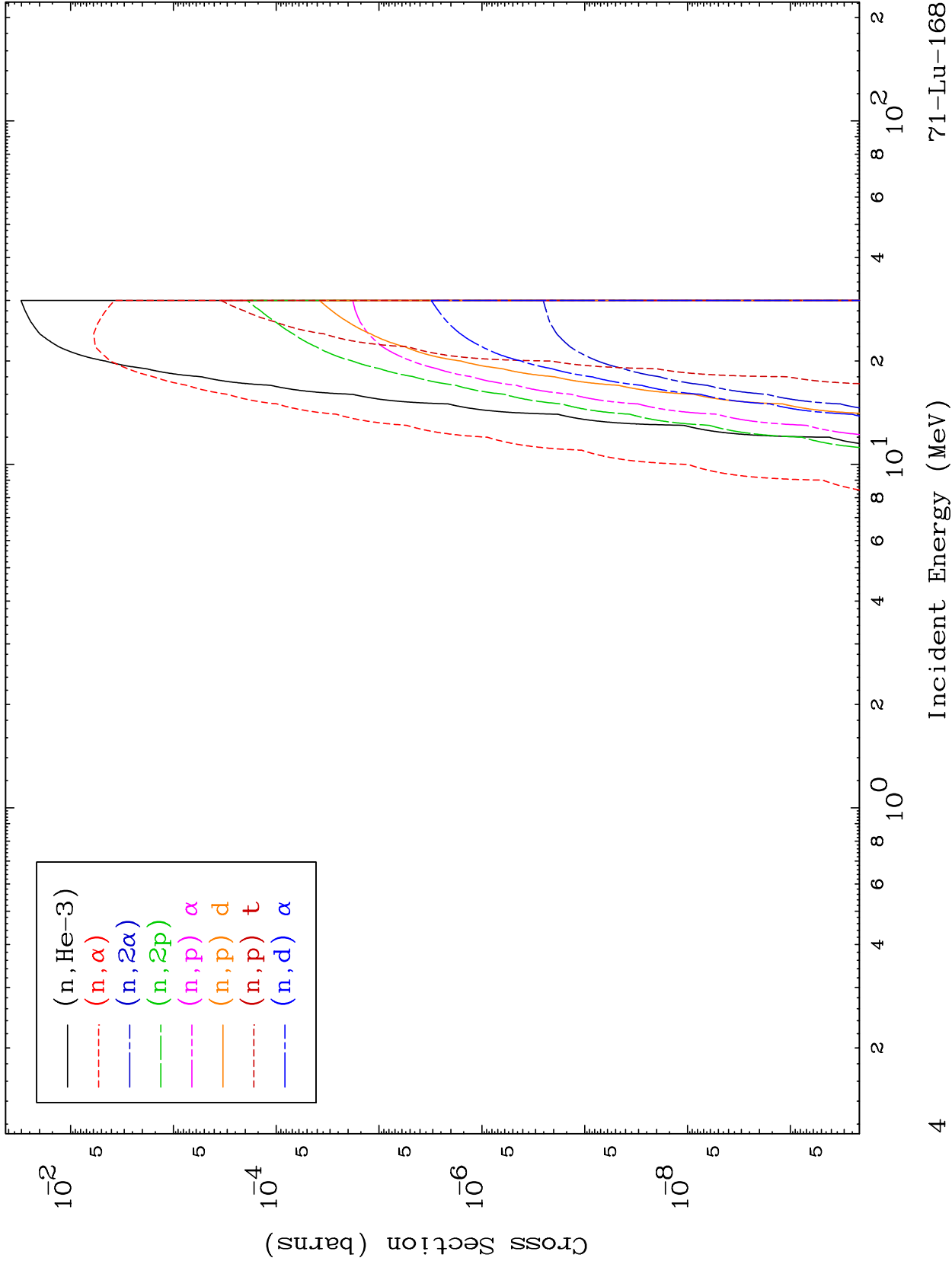
He-3 Neutron Absorption
0 Kelvin Cross Sections

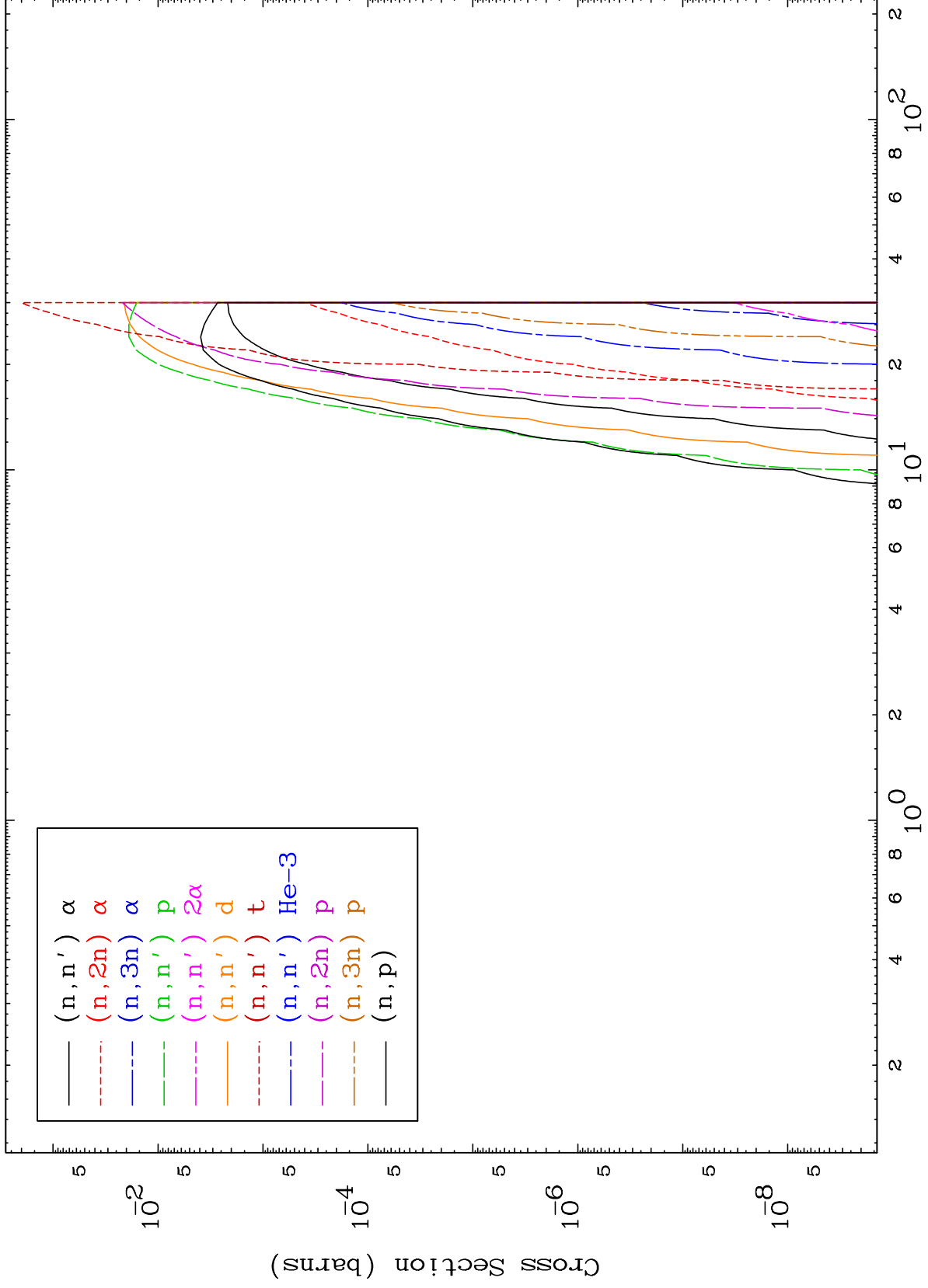
71-Lu-168



71-Lu-168

Incident Energy (MeV)



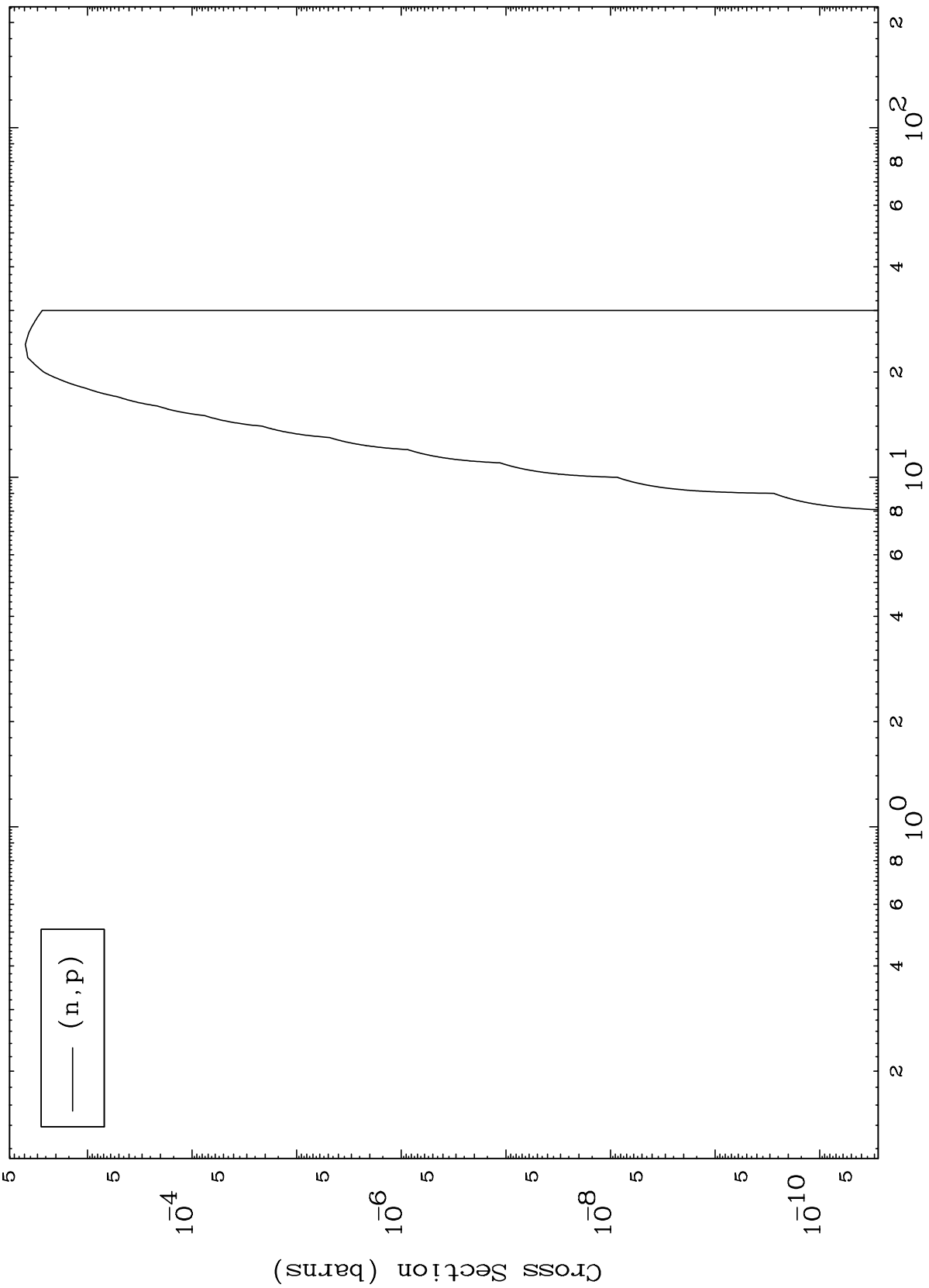


MAT 7104

(He-3,p) Levels

71-Lu-168

0 Kelvin Cross Sections

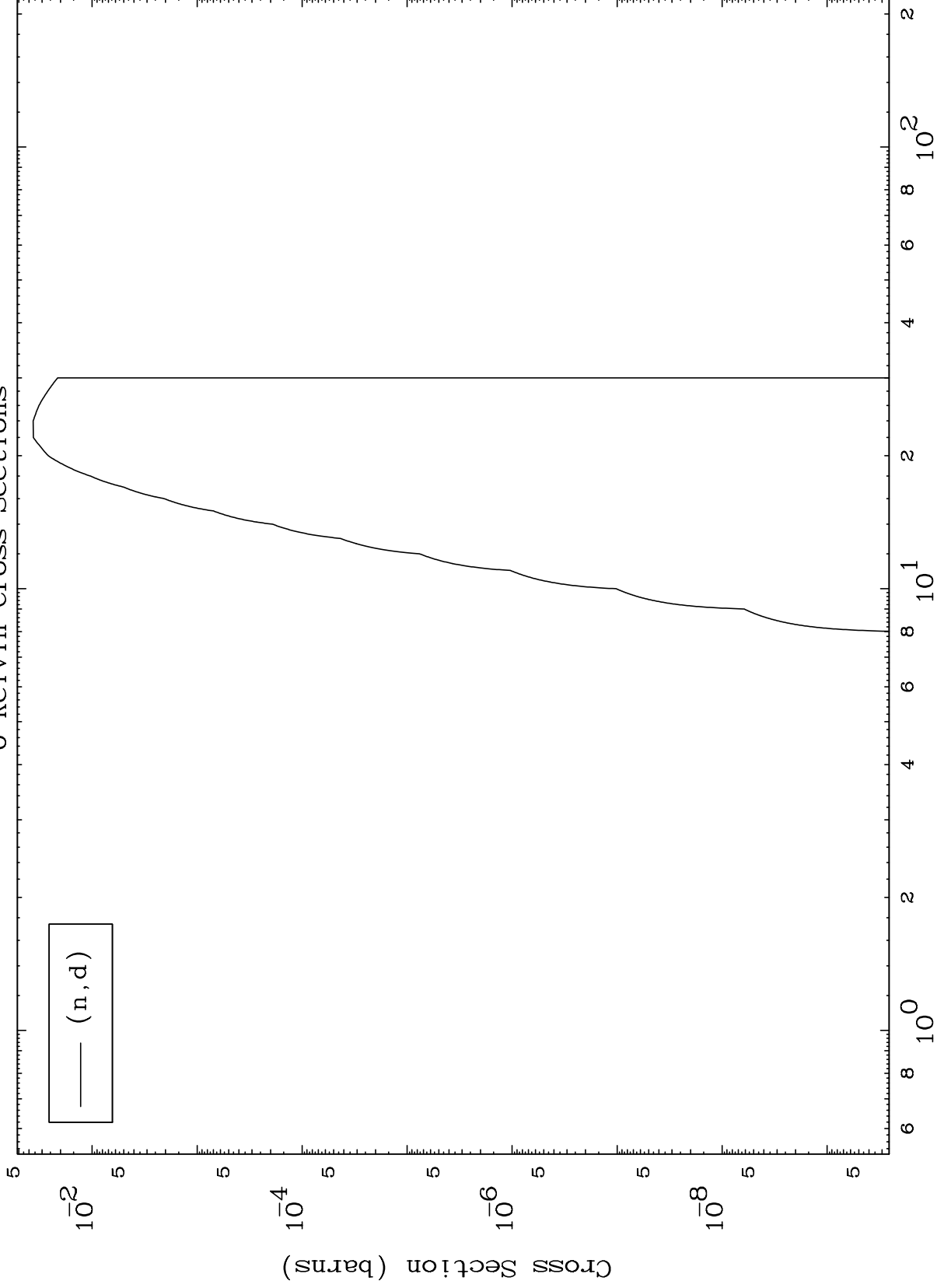


MAT 7104

(He-3,d) Levels

71-Lu-168

0 Kelvin Cross Sections



8

Incident Energy (MeV)

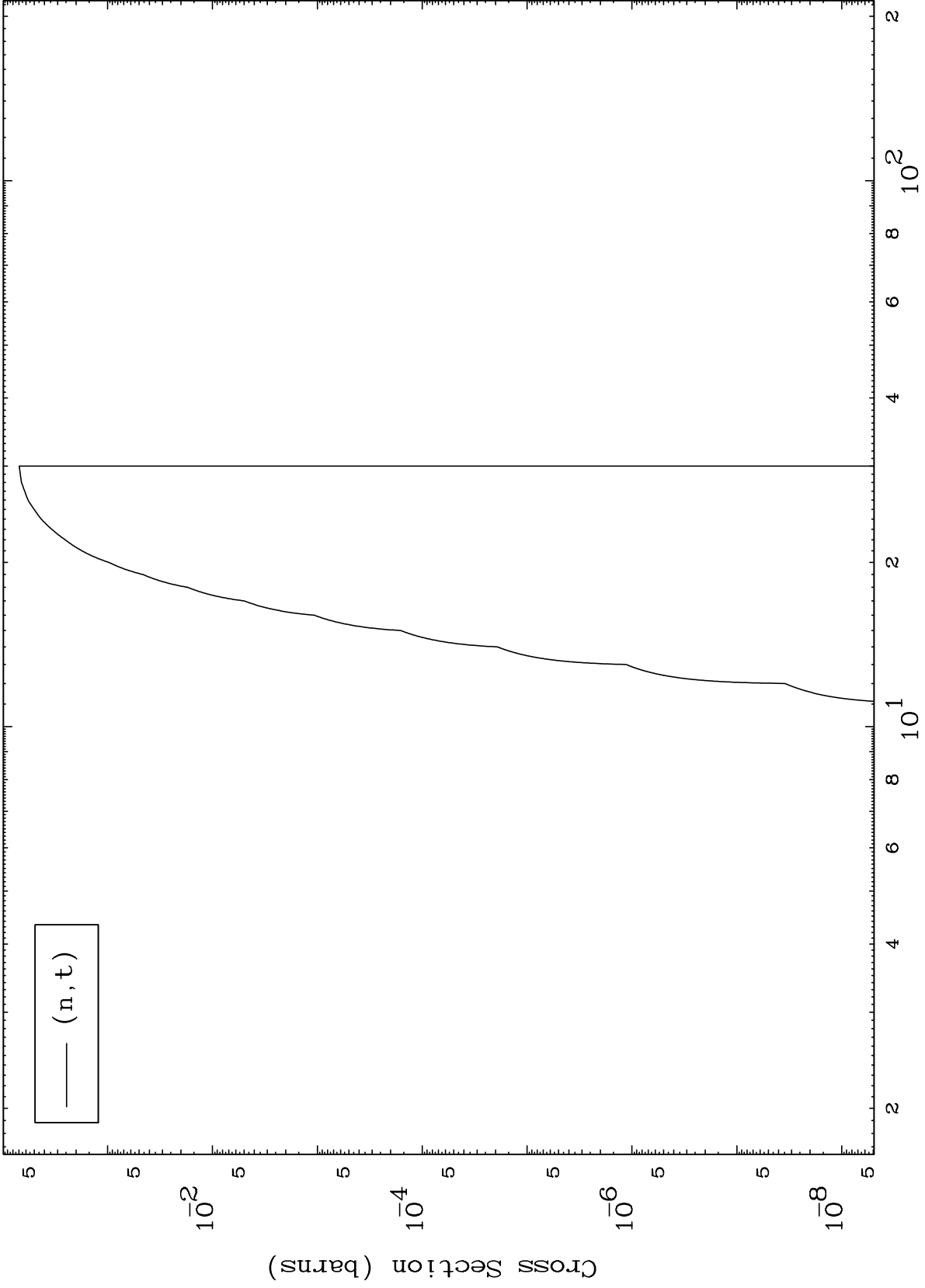
71-Lu-168

MAT 7104

(He-3,t) Levels

71-Lu-168

0 Kelvin Cross Sections



9

Incident Energy (MeV)

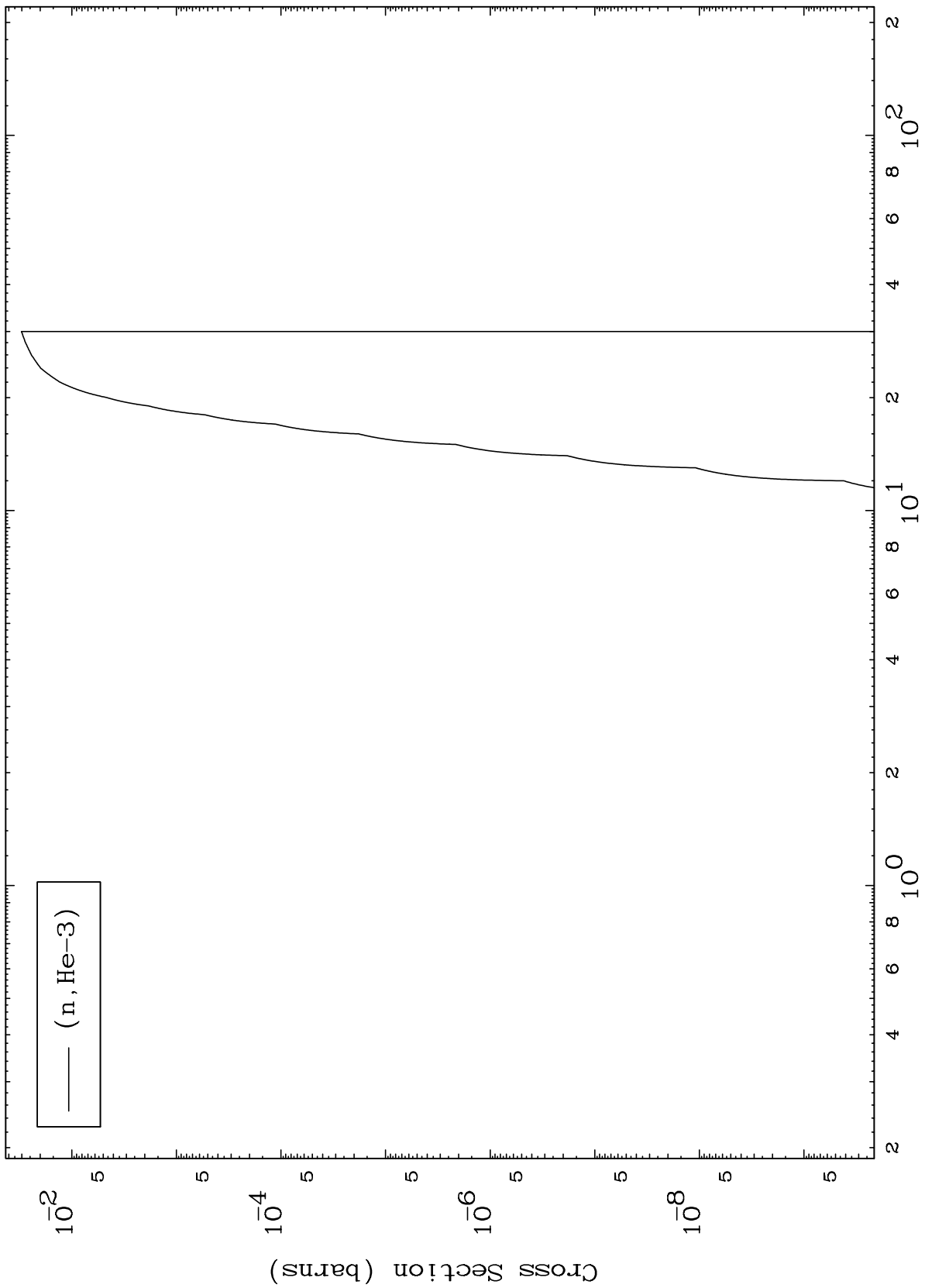
71-Lu-168

MAT 7104

(He-3, He3) Levels

71-Lu-168

0 Kelvin Cross Sections



10

Incident Energy (MeV)

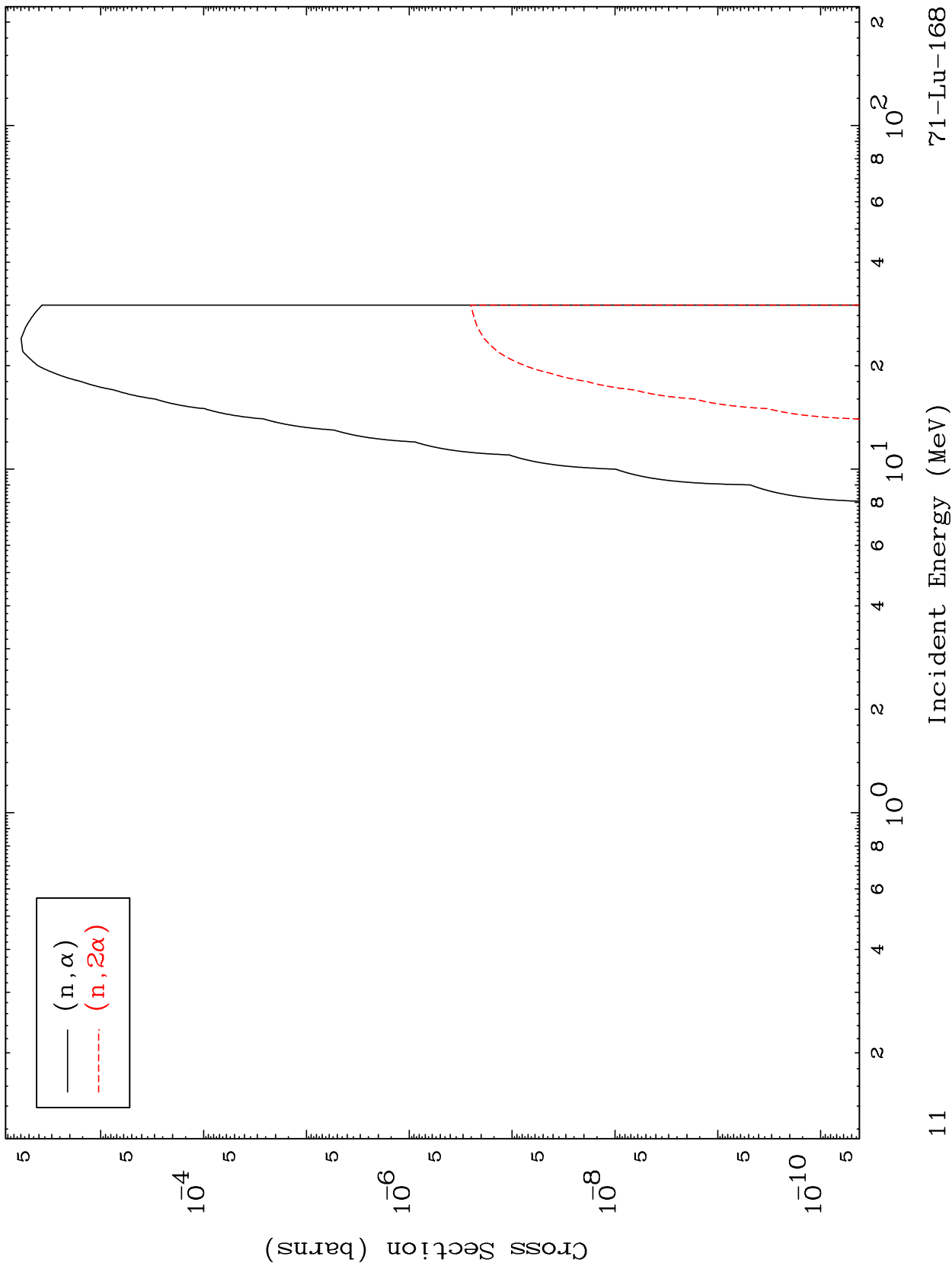
71-Lu-168

MAT 7104

(He-3, α) Levels

71-Lu-168

0 Kelvin Cross Sections

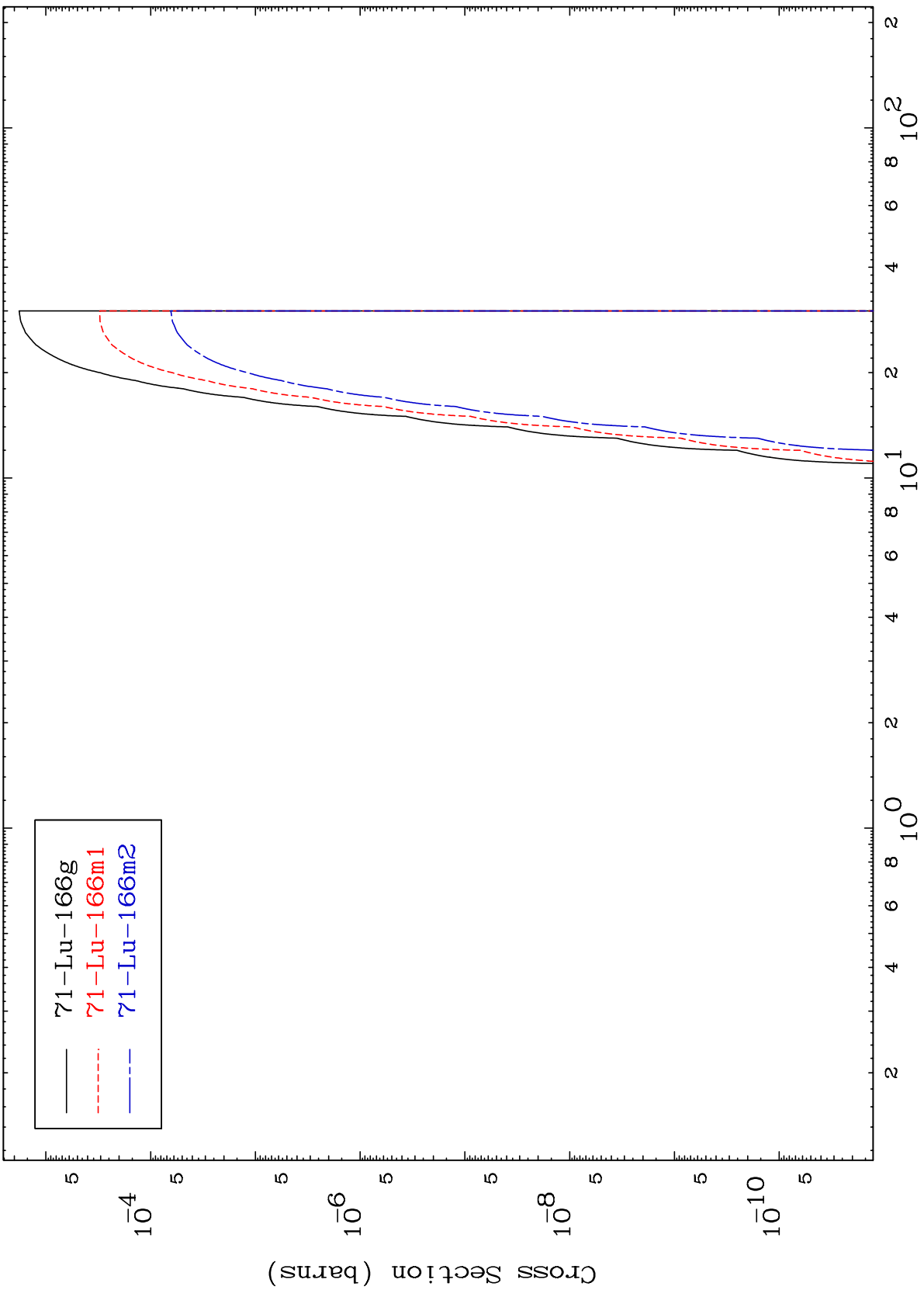


MAT 7104

$(n, n') \alpha$

$^{71}\text{Lu-168}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

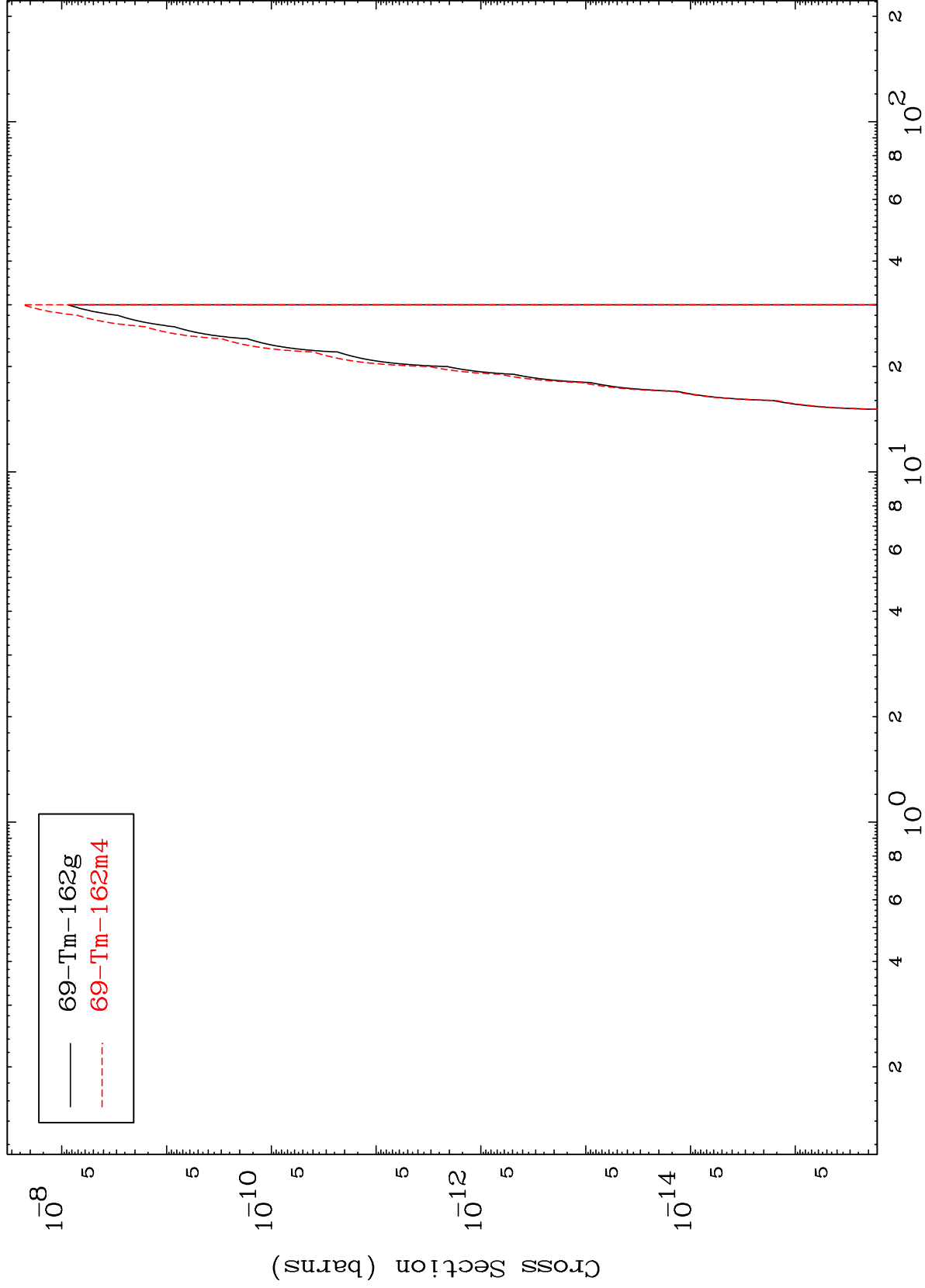
$^{71}\text{Lu-168}$

MAT 7104

(n,n') 2α

71-Lu-168

Radionuclide Production Cross Section



13

Incident Energy (MeV)

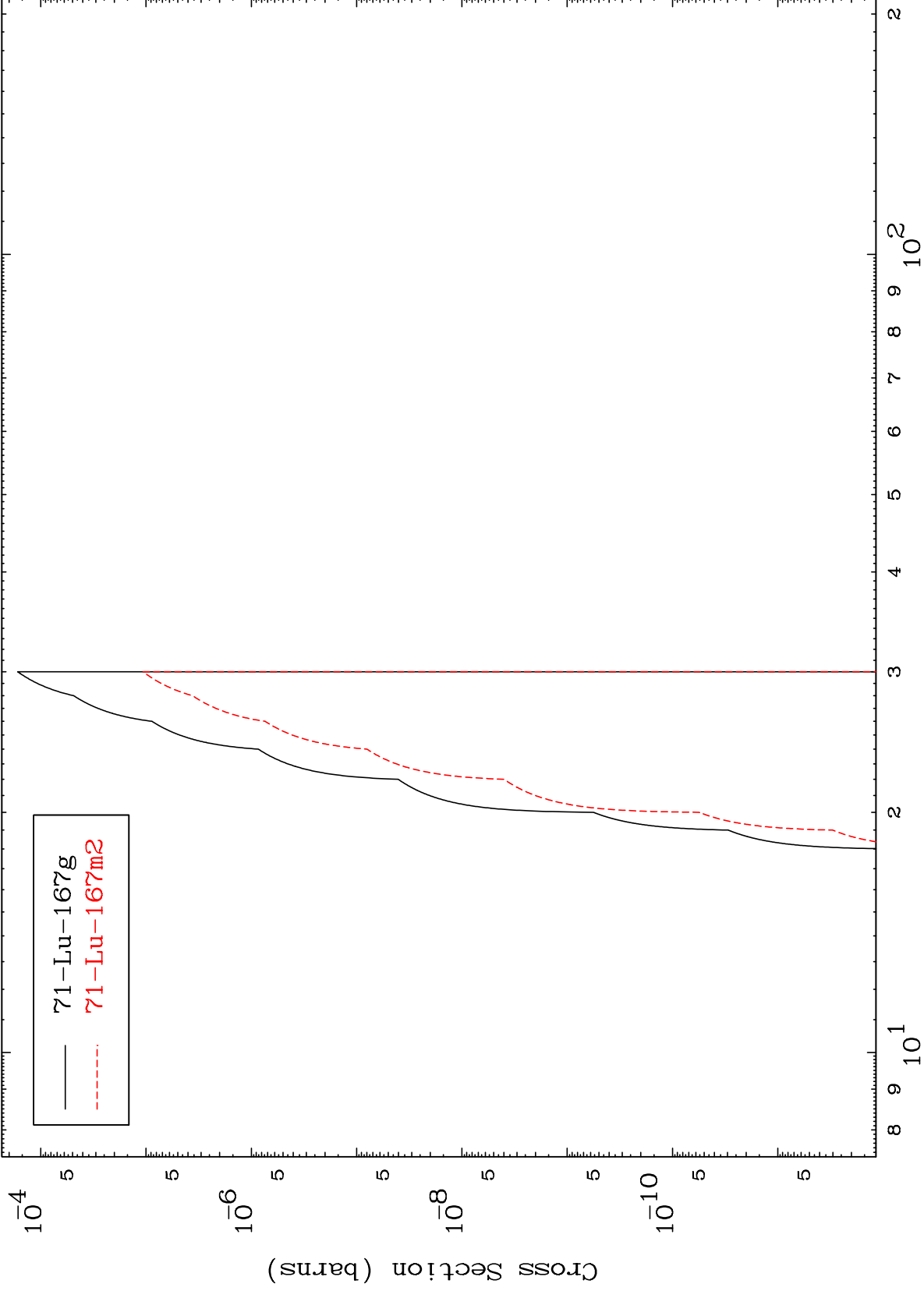
71-Lu-168

MAT 7104

(n,n') He-3

71-Lu-168

Radionuclide Production Cross Section



14

Incident Energy (MeV)

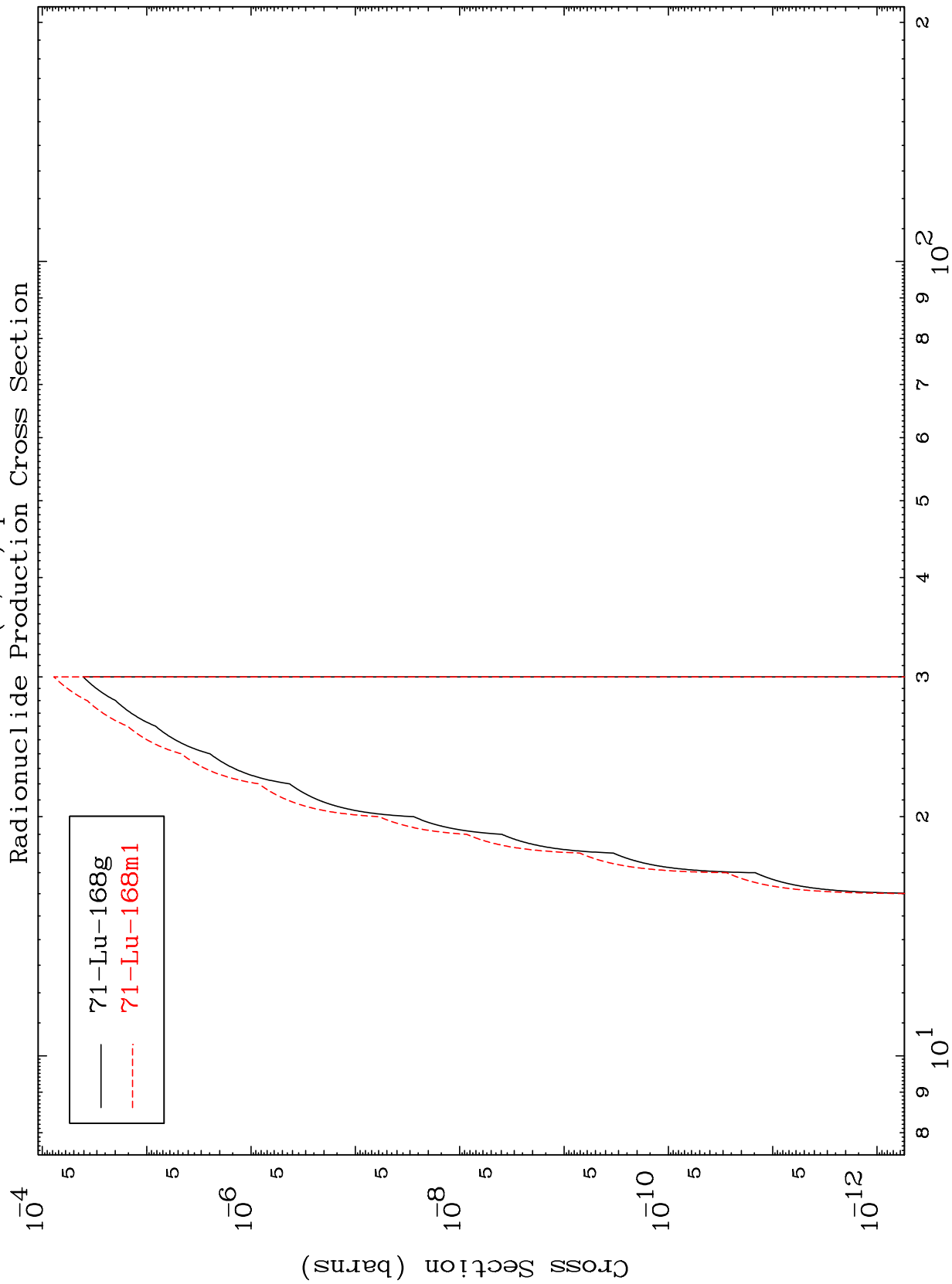
71-Lu-168

MAT 7104

(n,2n) p

⁷¹Lu-168

Radionuclide Production Cross Section



15

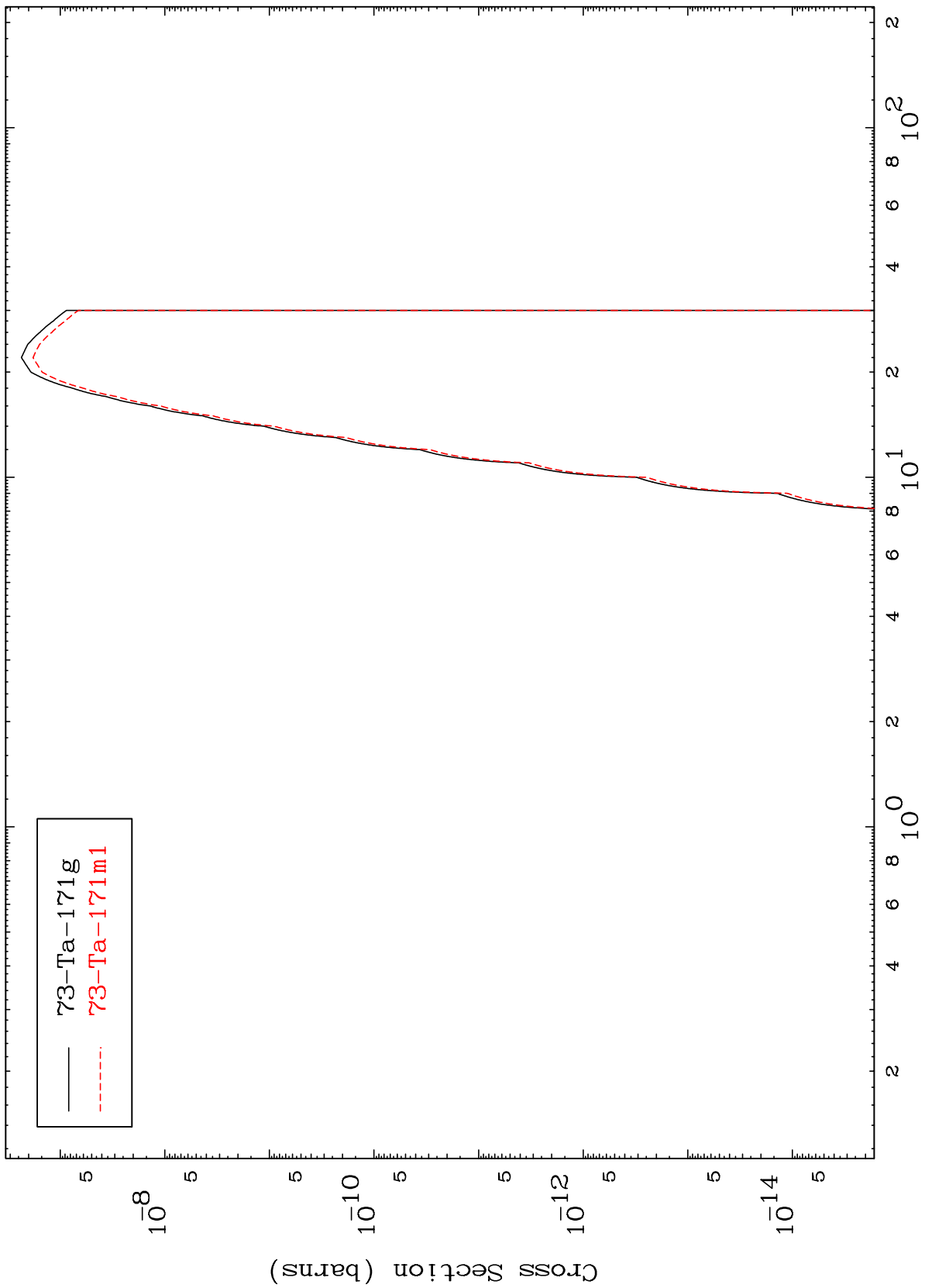
Incident Energy (MeV)

⁷¹Lu-168

MAT 7104

71-Lu-168

(n, γ)
Radionuclide Production Cross Section



— 73-Ta-171g
- - - 73-Ta-171m1

71-Lu-168

Incident Energy (MeV)

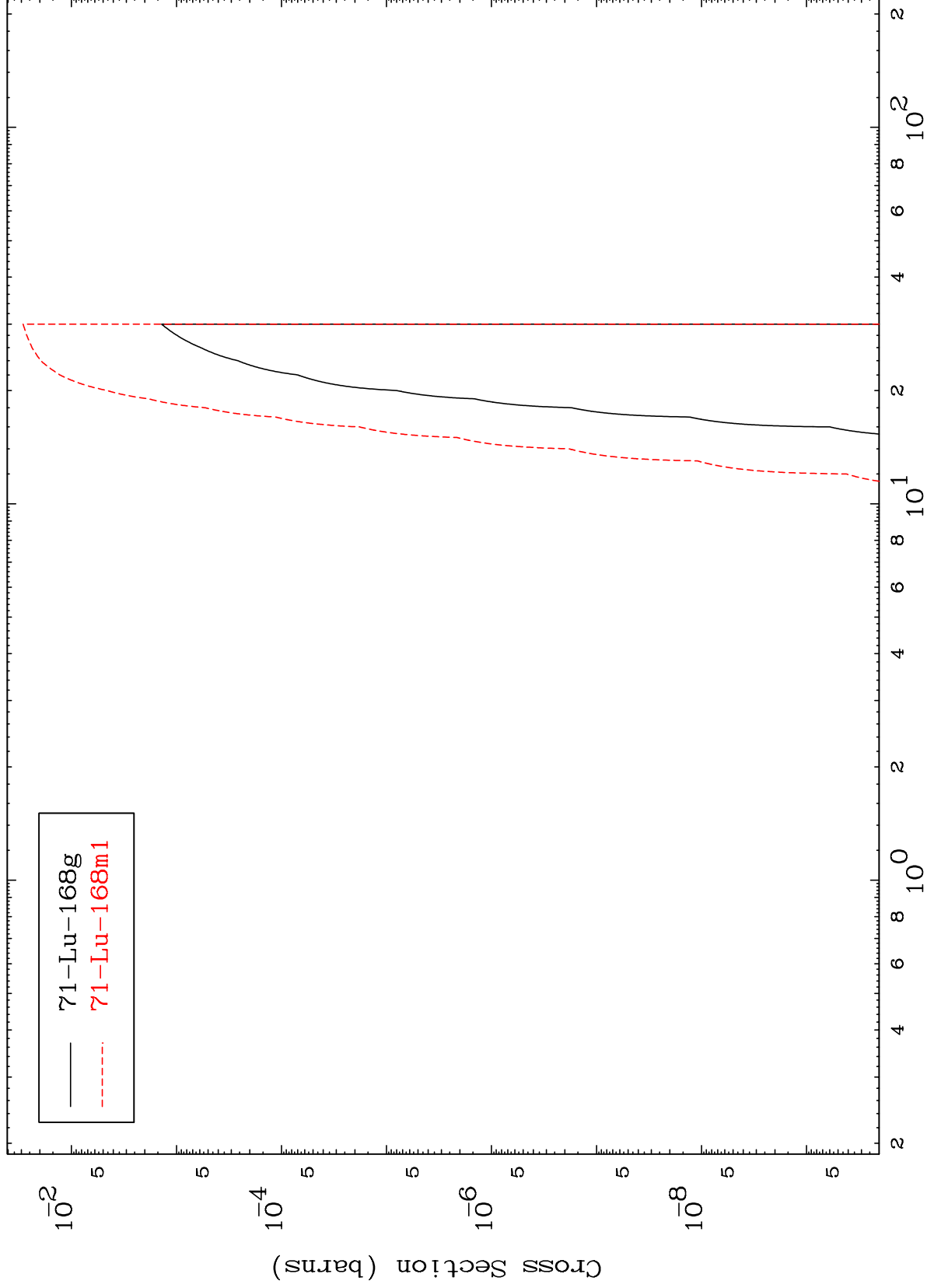
16

MAT 7104

(n,He-3)

71-Lu-168

Radionuclide Production Cross Section



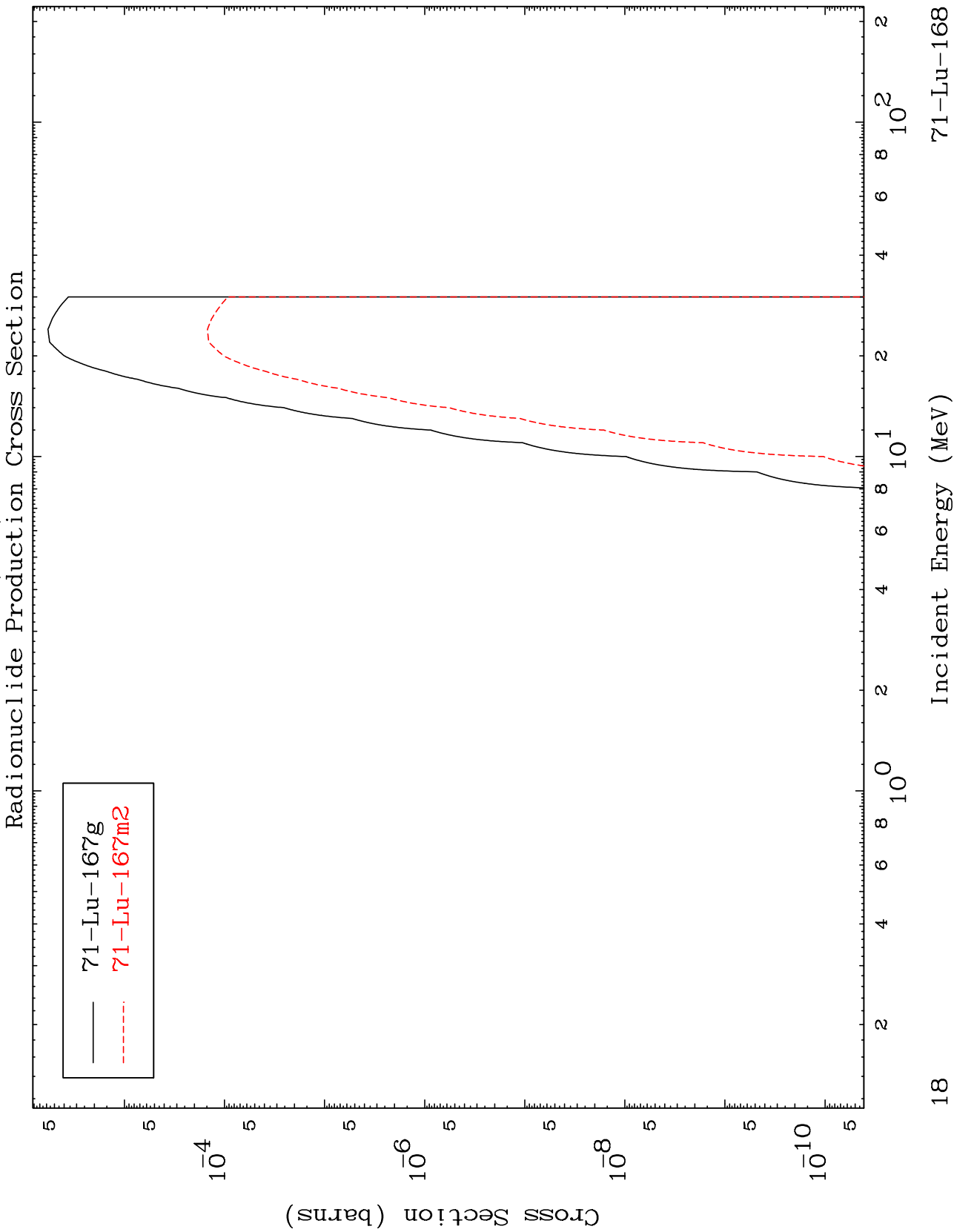
17

Incident Energy (MeV)

71-Lu-168

MAT 7104

$^{71}\text{Lu-168}$

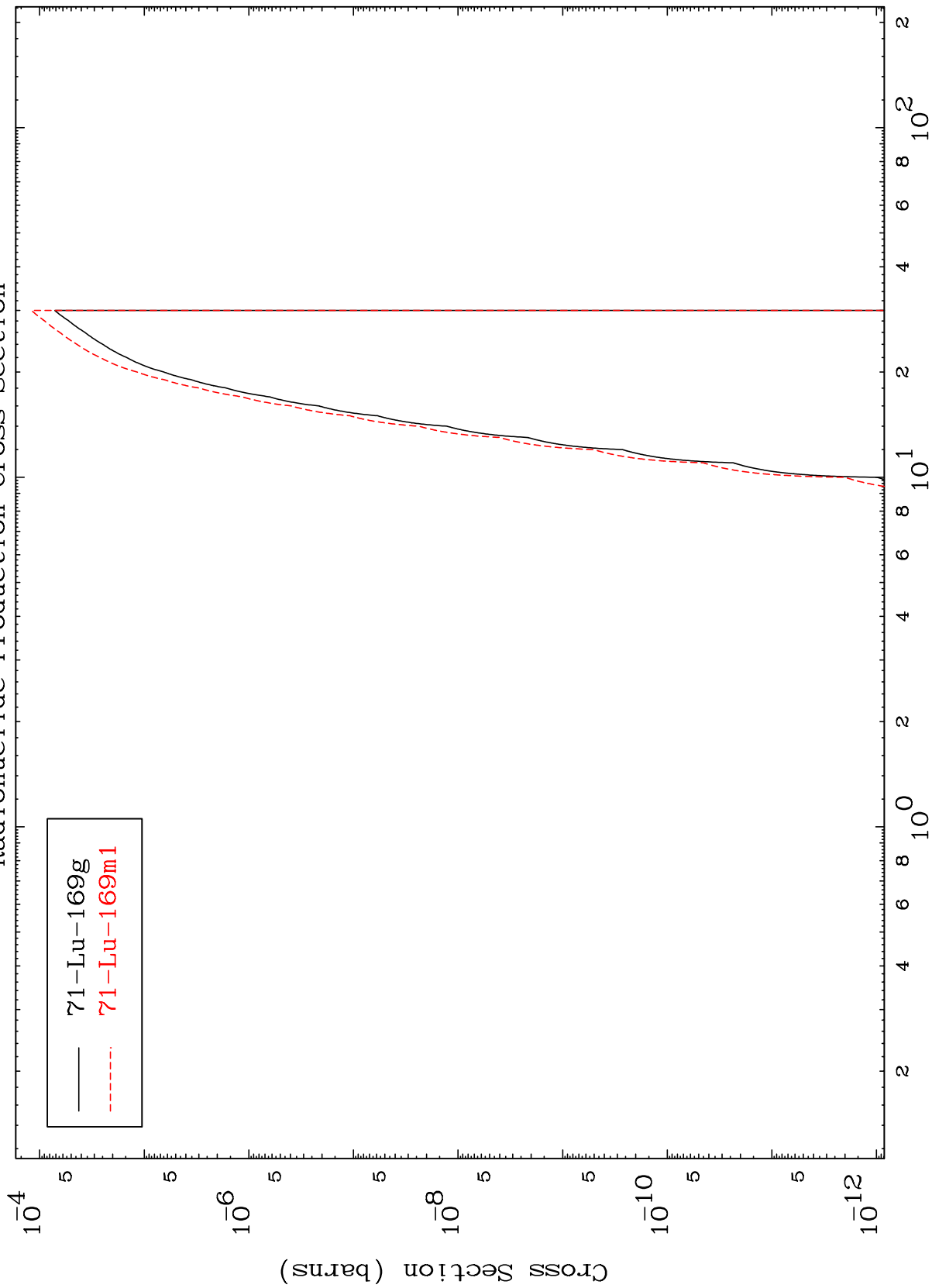


MAT 7104

71-Lu-168

(n,2p)

Radionuclide Production Cross Section



19

Incident Energy (MeV)

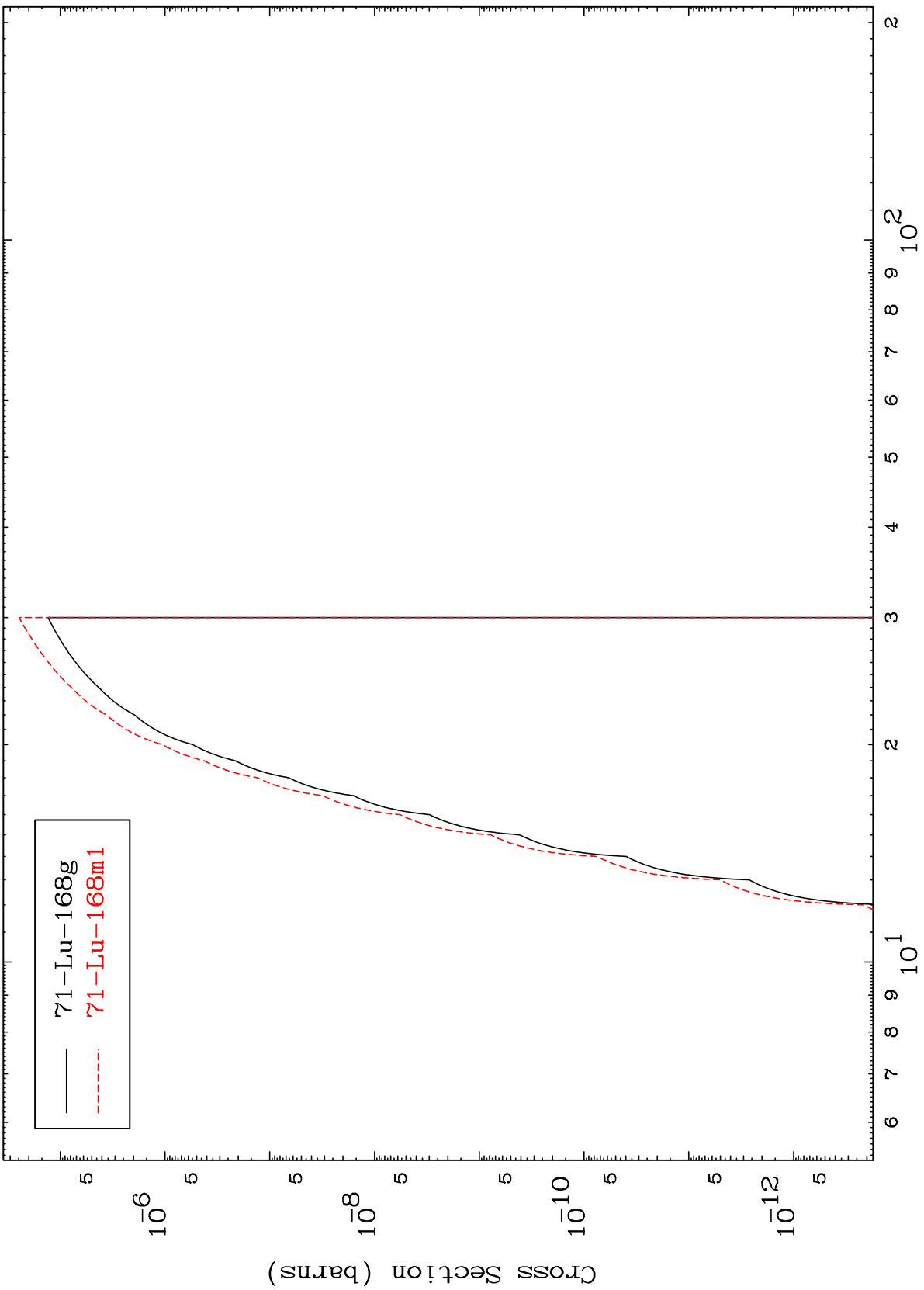
71-Lu-168

MAT 7104

(n,p) d

71-Lu-168

Radionuclide Production Cross Section



20

Incident Energy (MeV)

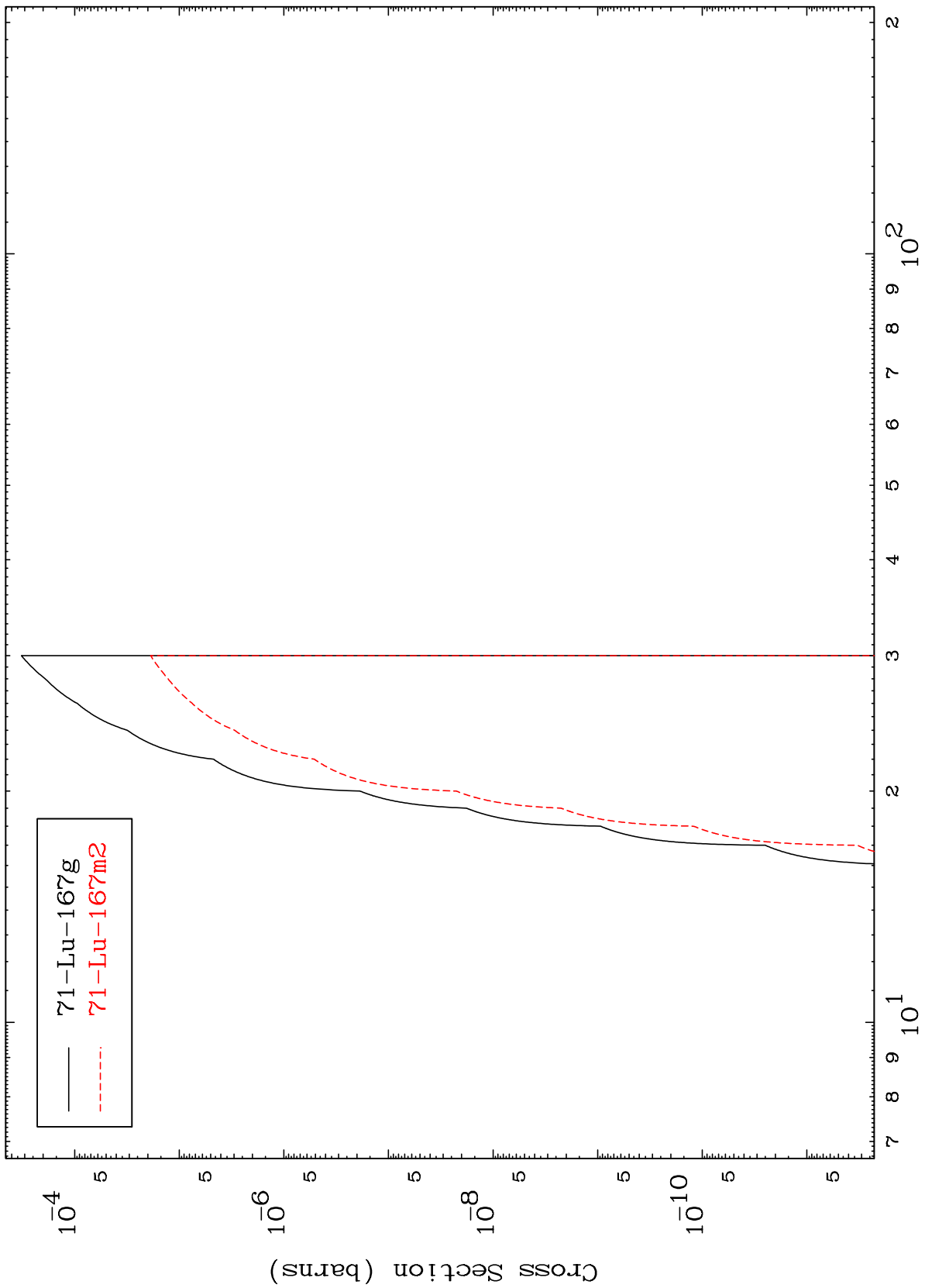
71-Lu-168

MAT 7104

(n,p) t

71-Lu-168

Radionuclide Production Cross Section



21

Incident Energy (MeV)

71-Lu-168