

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

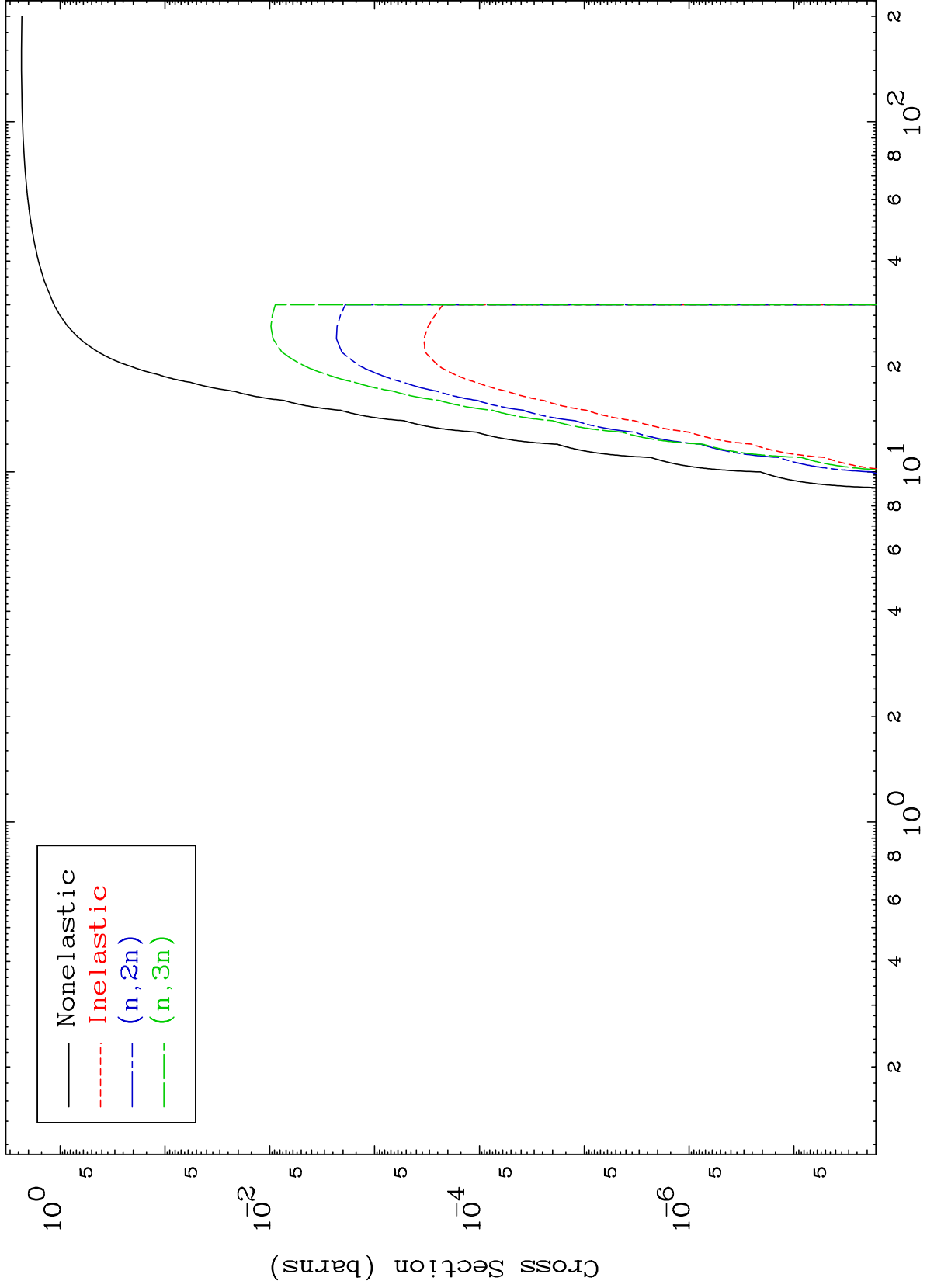
Press Mouse Button to Start

MAT 7146

He-3 Major

0 Kelvin Cross Sections

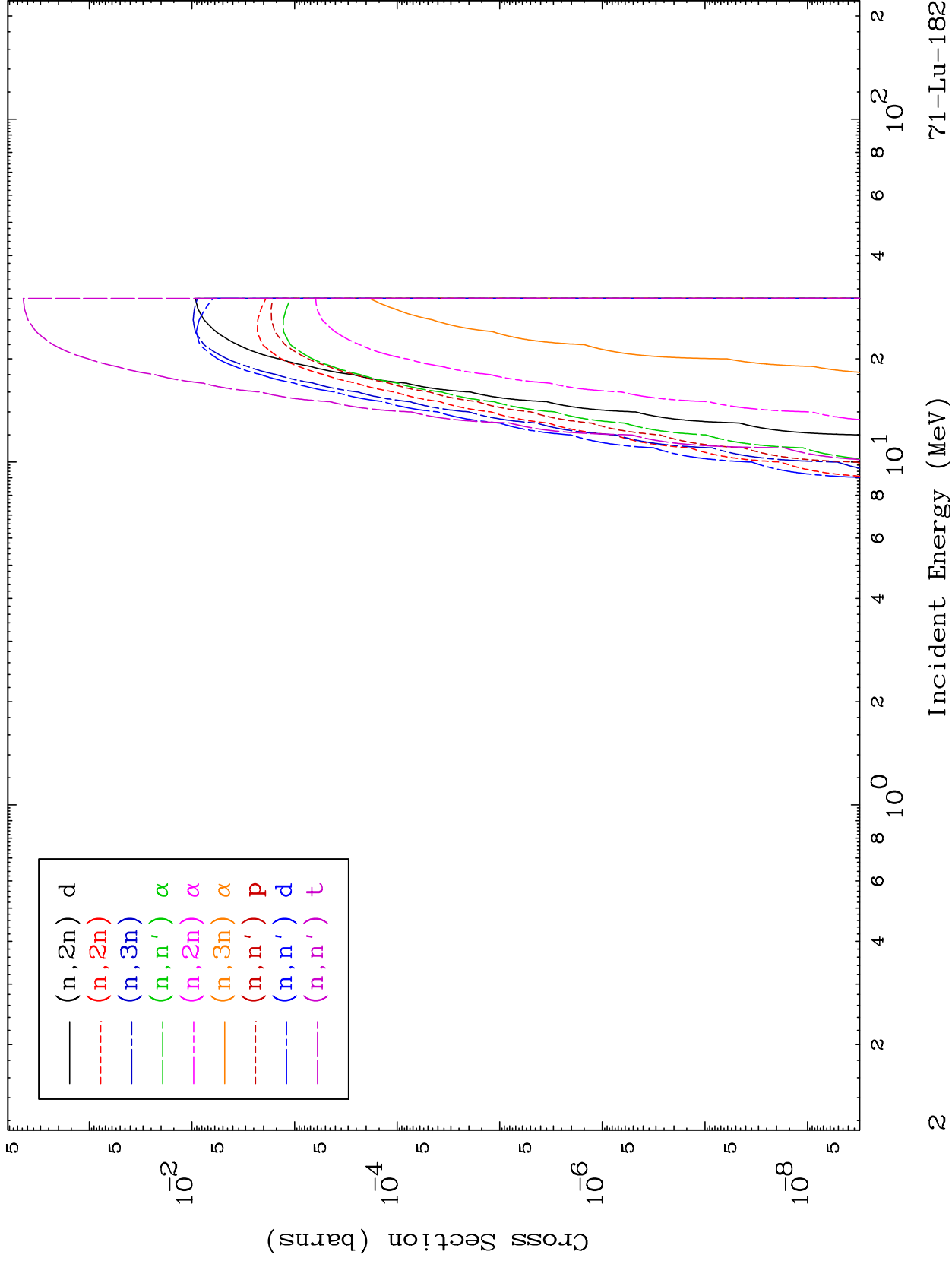
71-Lu-182

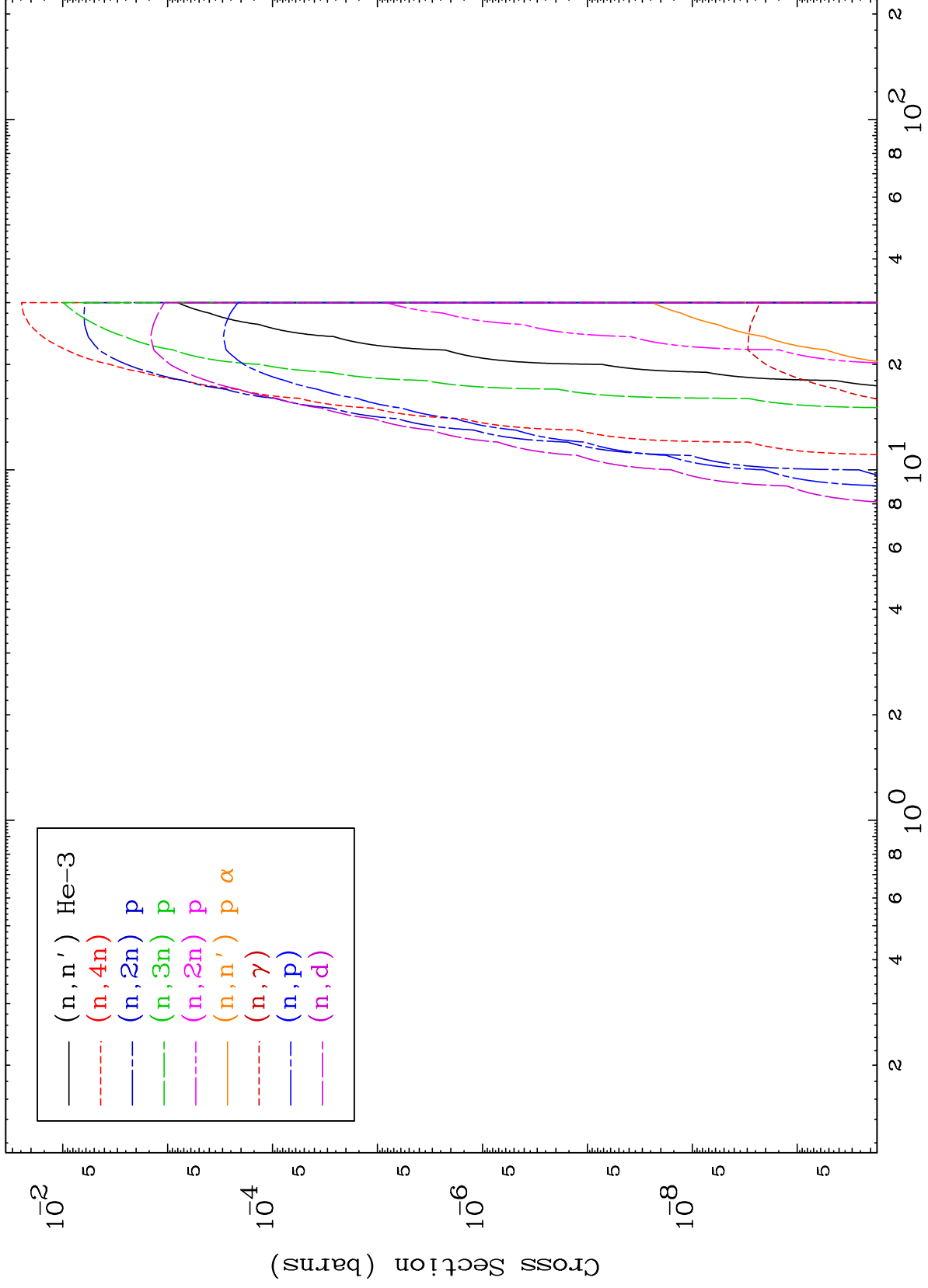


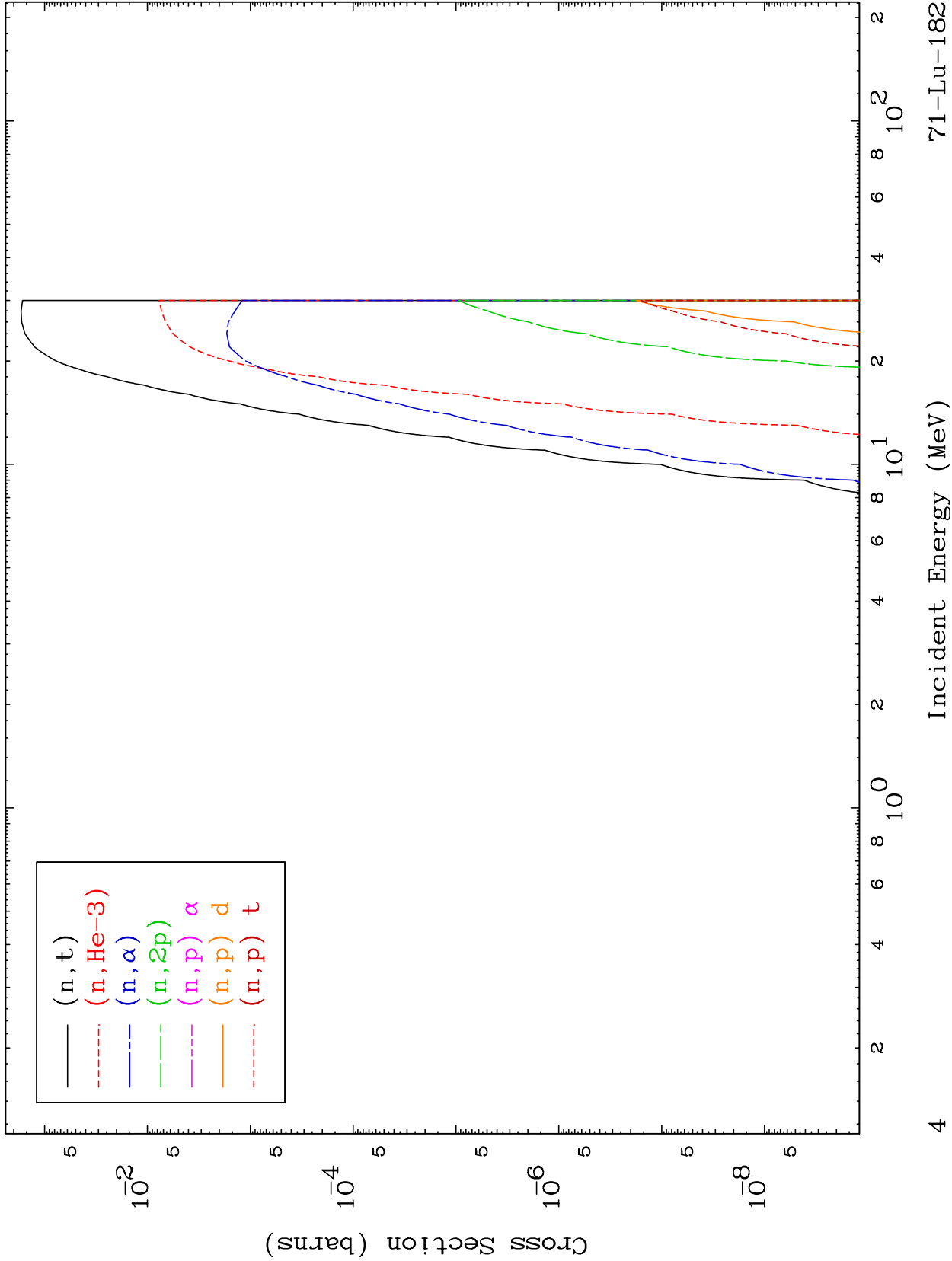
MAT 7146

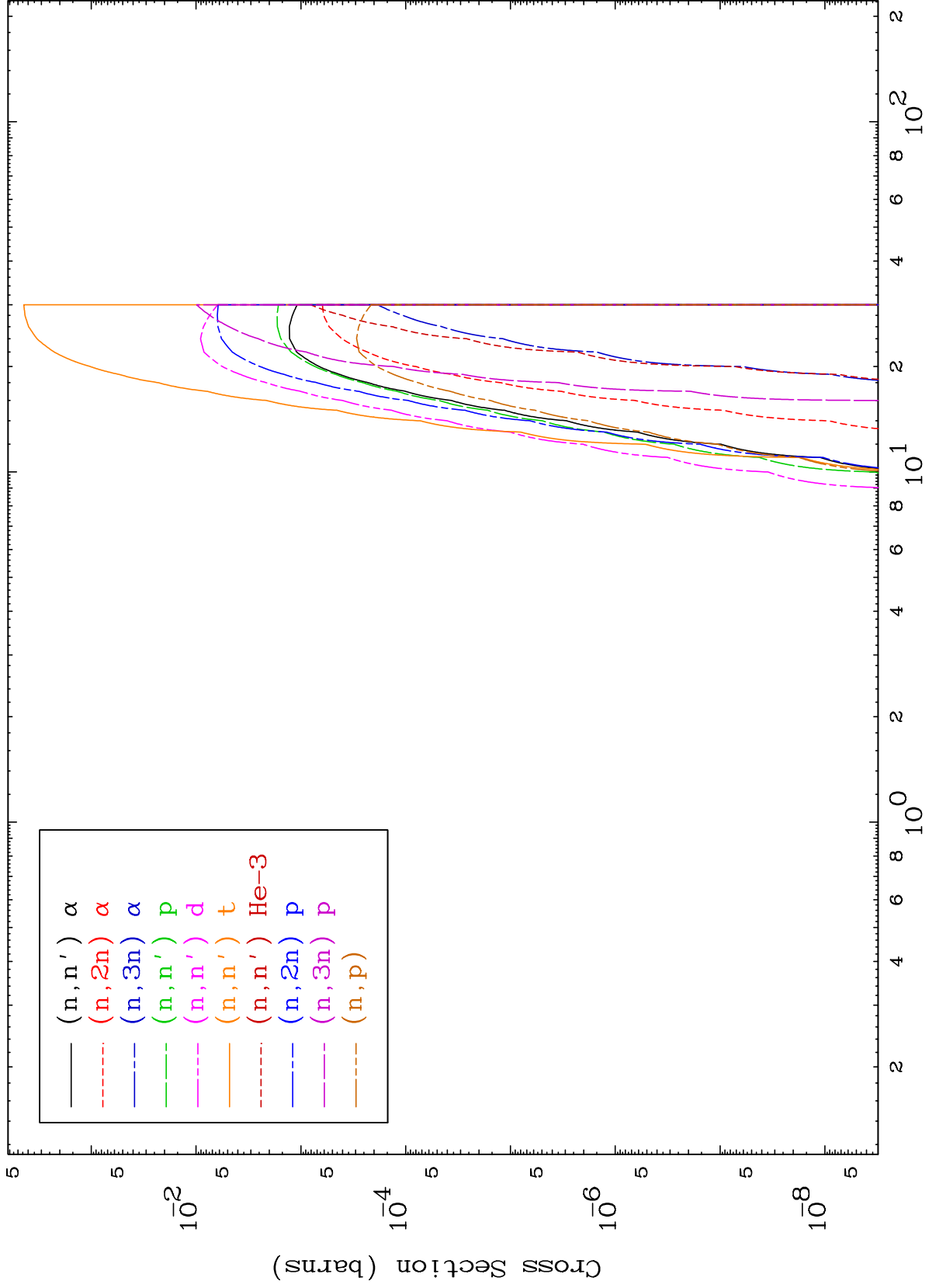
He-3 Neutron Absorption
0 Kelvin Cross Sections

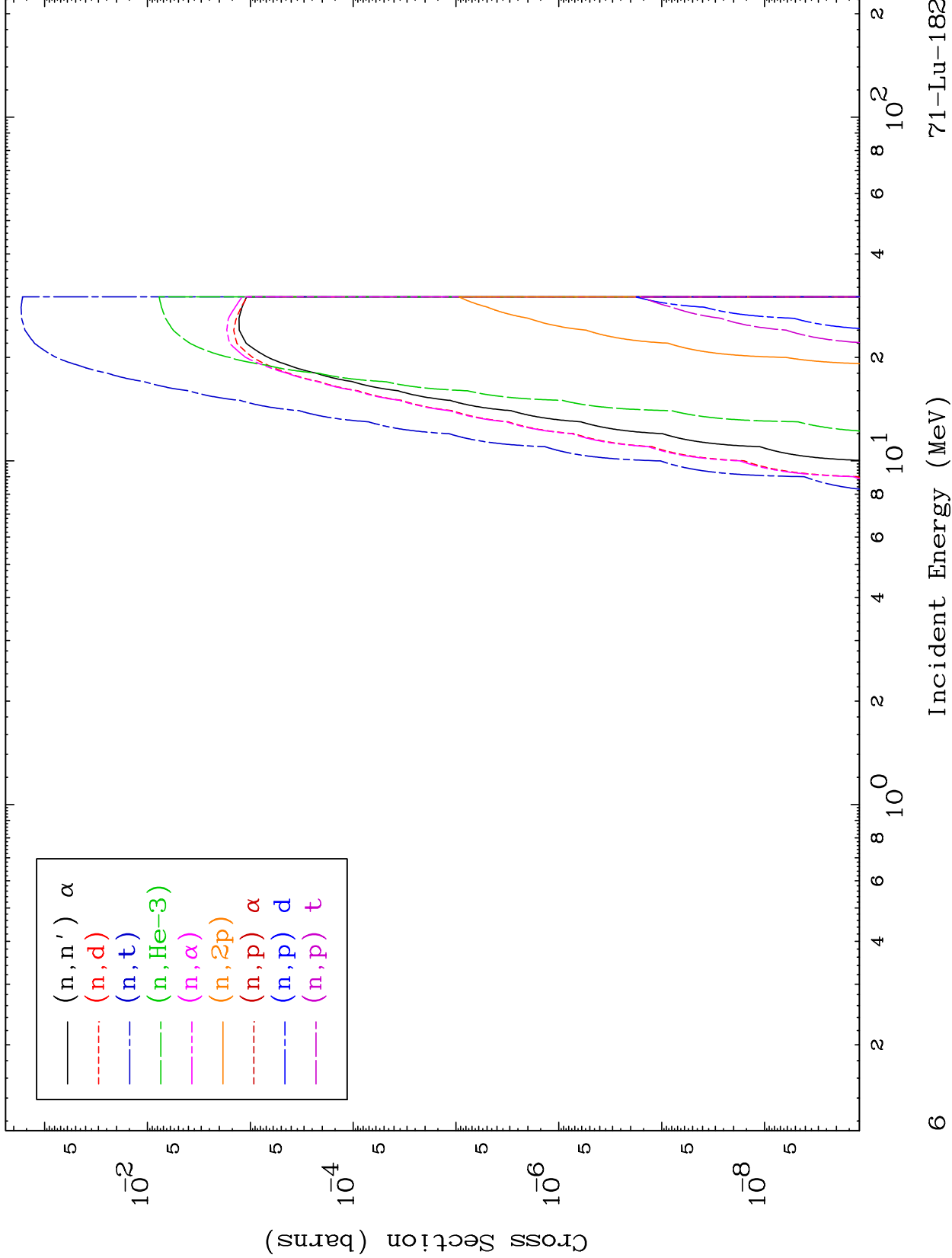
71-Lu-182







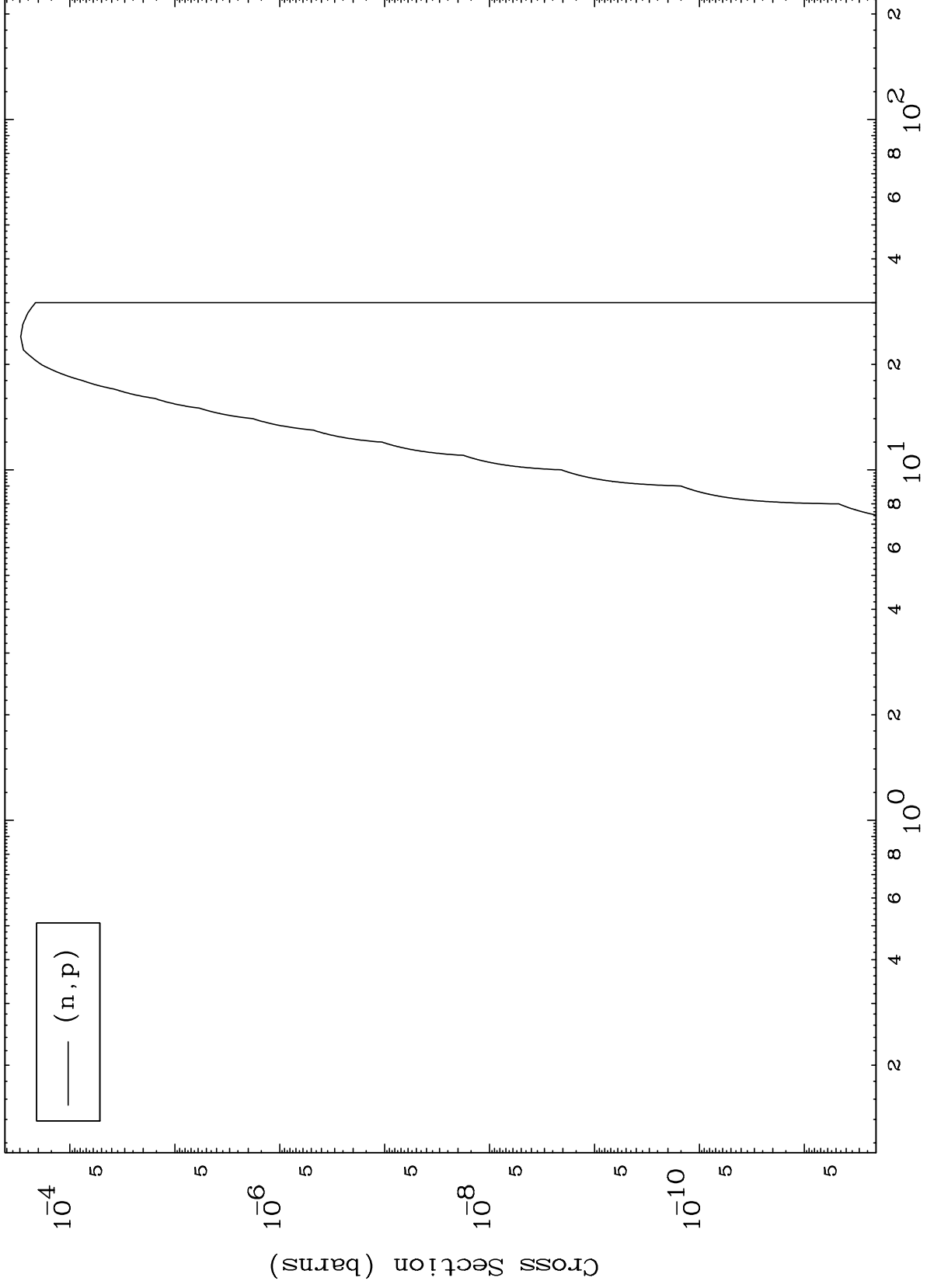




MAT 7146

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

71-Lu-182



7

Incident Energy (MeV)

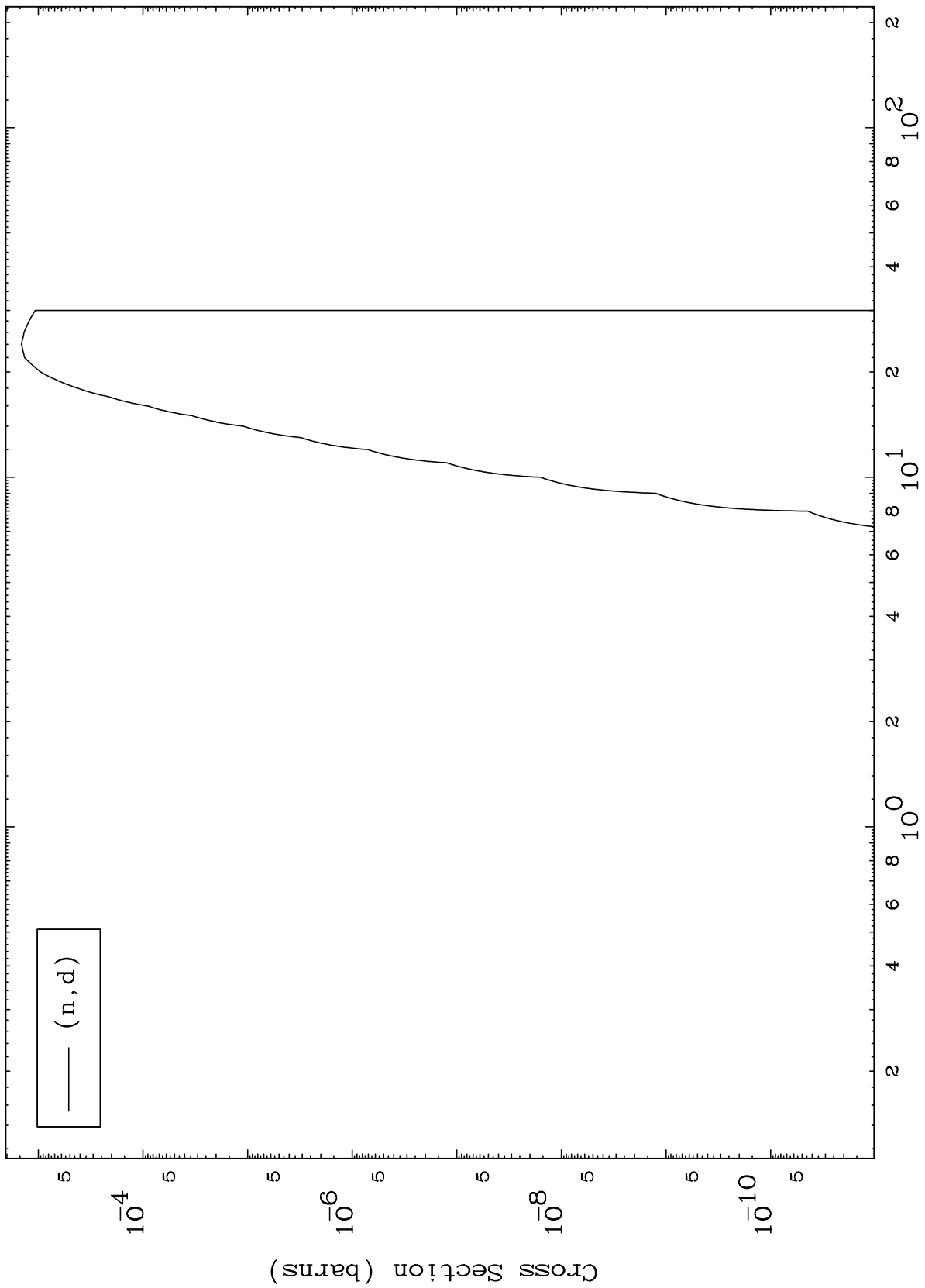
71-Lu-182

MAT 7146

(He-3,d) Levels

71-Lu-182

0 Kelvin Cross Sections

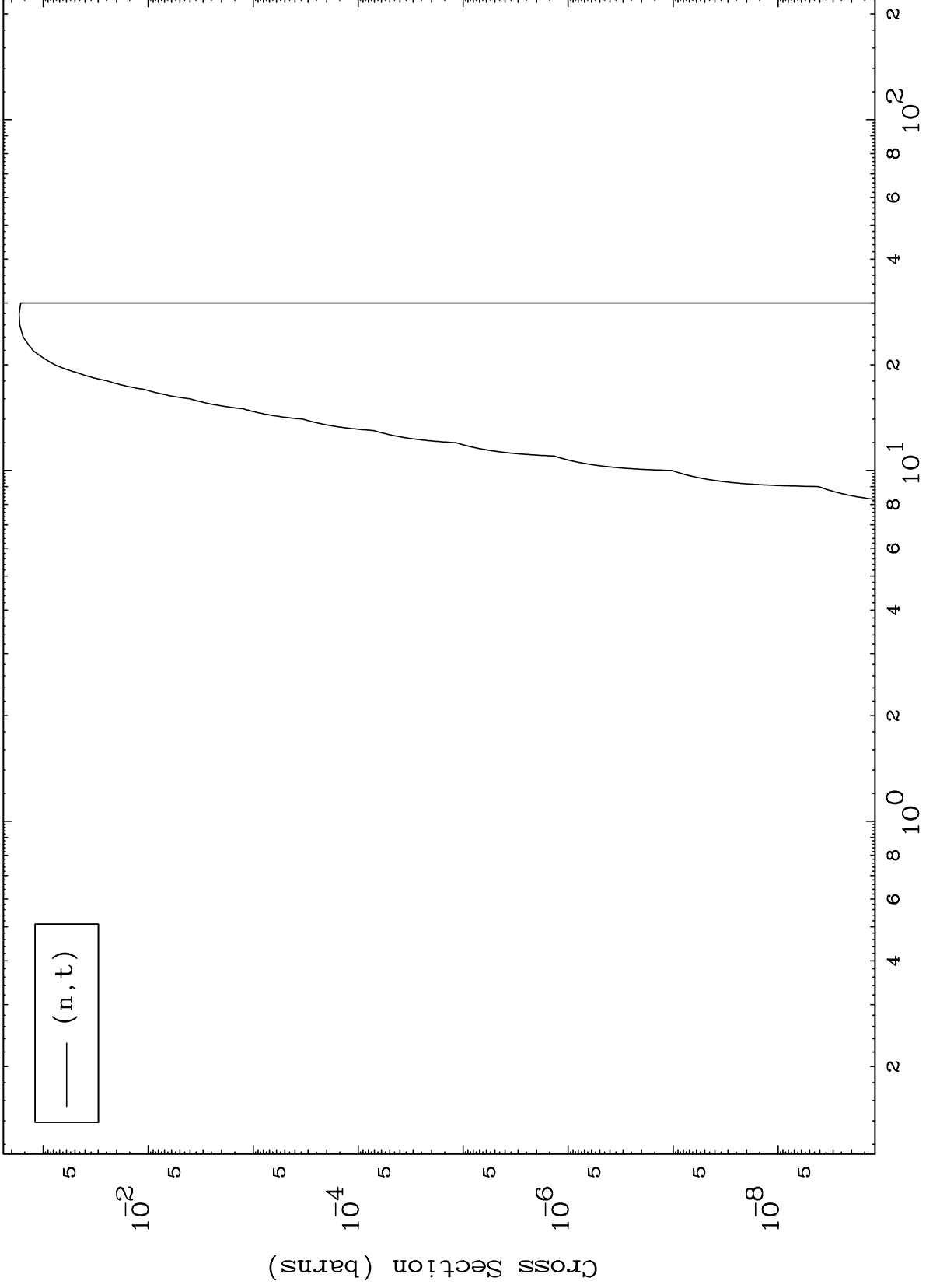


MAT 7146

(He-3,t) Levels

71-Lu-182

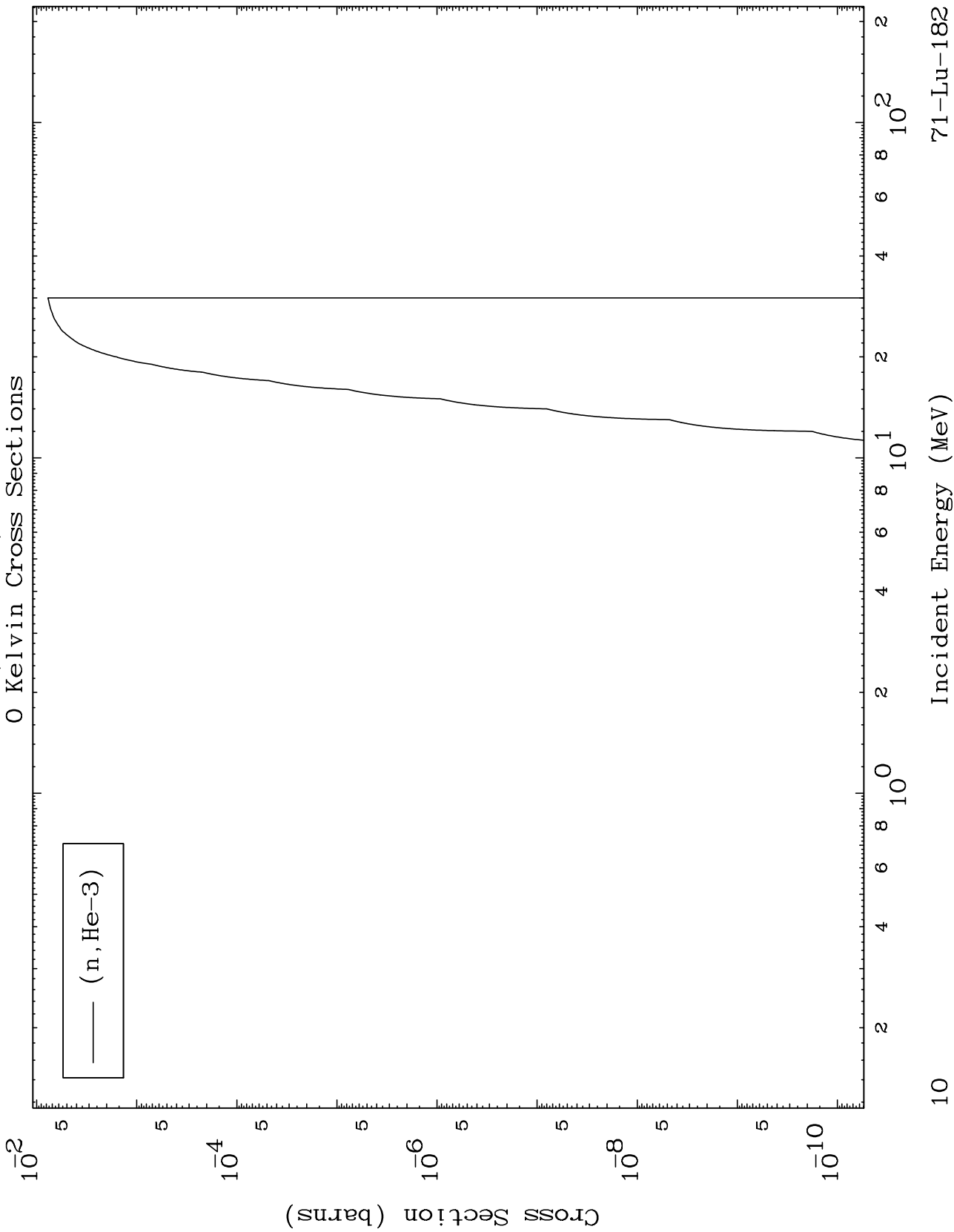
0 Kelvin Cross Sections



MAT 7146

(He-3, He3) Levels

71-Lu-182



10

Incident Energy (MeV)

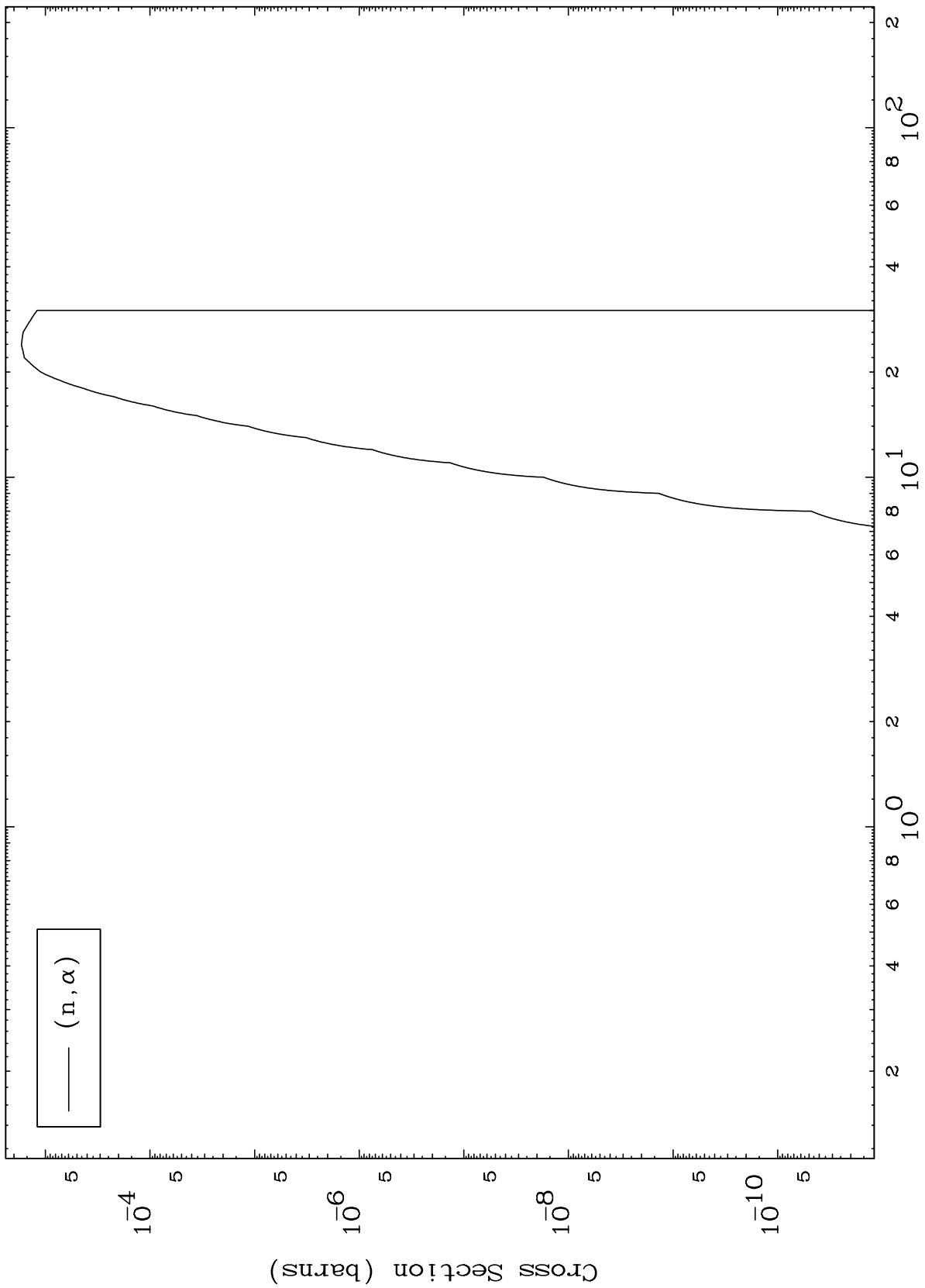
71-Lu-182

MAT 7146

(He-3, α) Levels

71-Lu-182

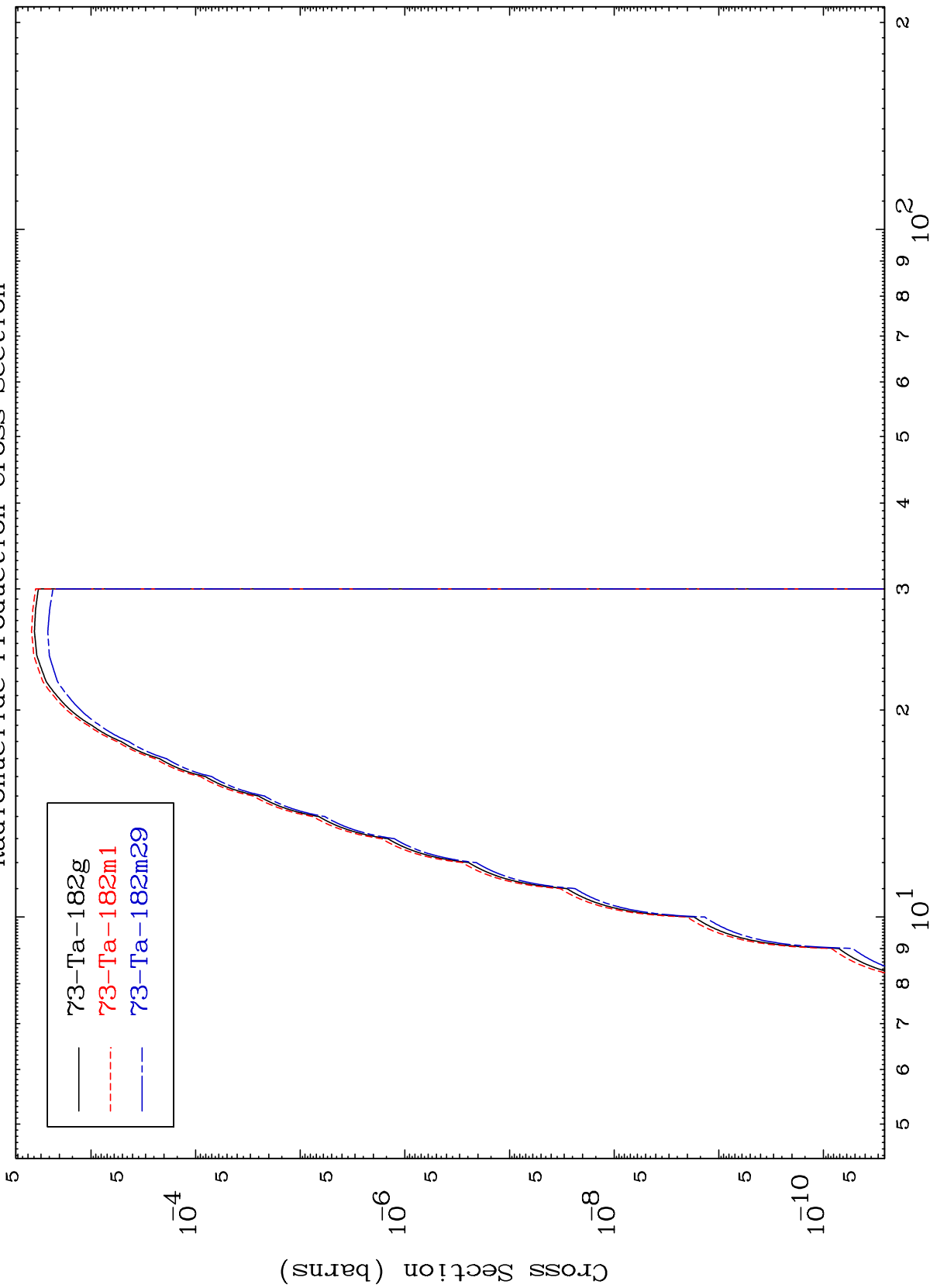
0 Kelvin Cross Sections



MAT 7146

⁷¹Lu-182

Radionuclide Production Cross Section



Incident Energy (MeV)

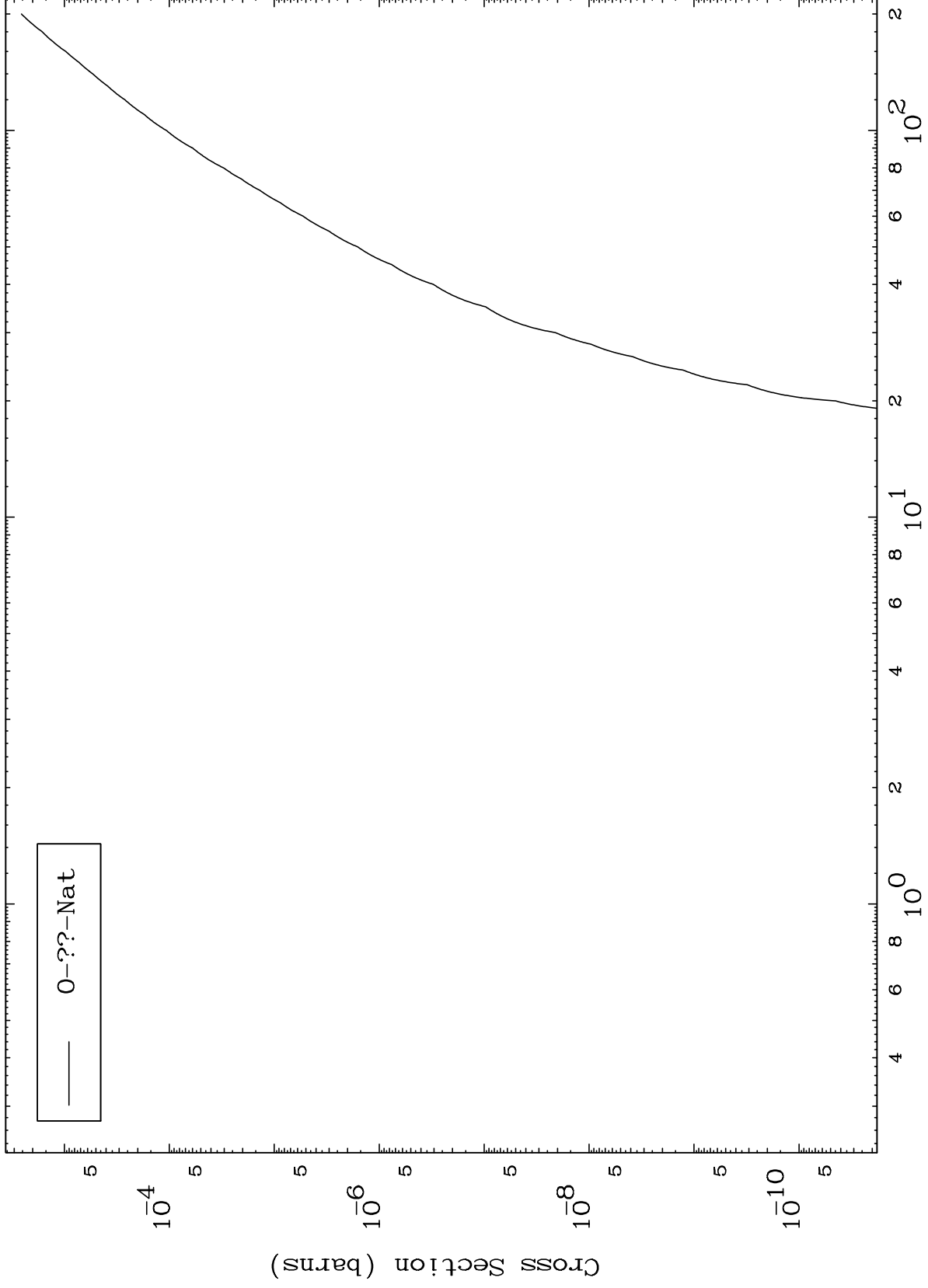
⁷¹Lu-182

12

MAT 7146

Fission
Radionuclide Production Cross Section

⁷¹Lu-182

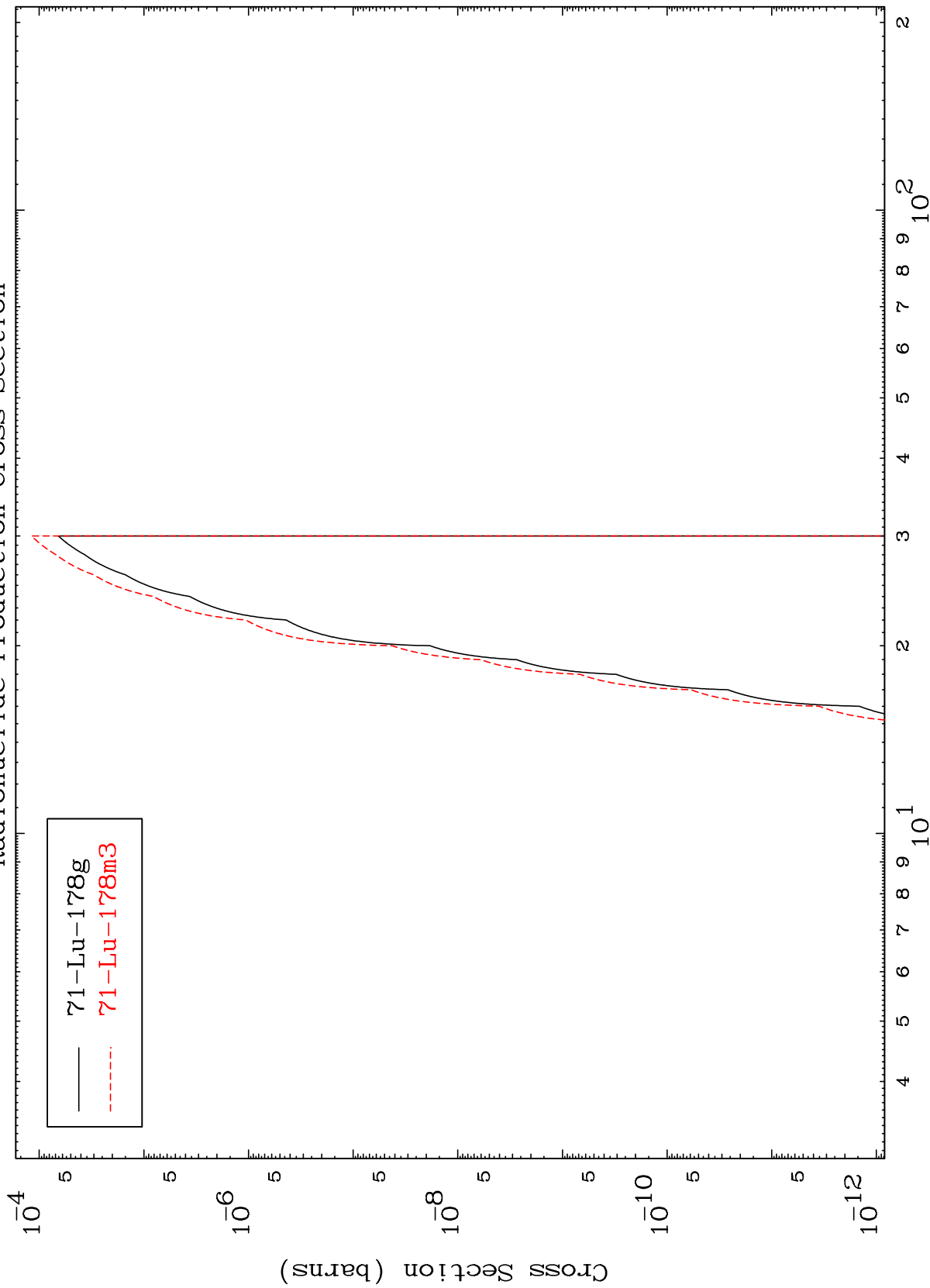


MAT 7146

$(n,3n) \alpha$

$^{71}\text{Lu-182}$

Radionuclide Production Cross Section



Incident Energy (MeV)

$^{71}\text{Lu-182}$

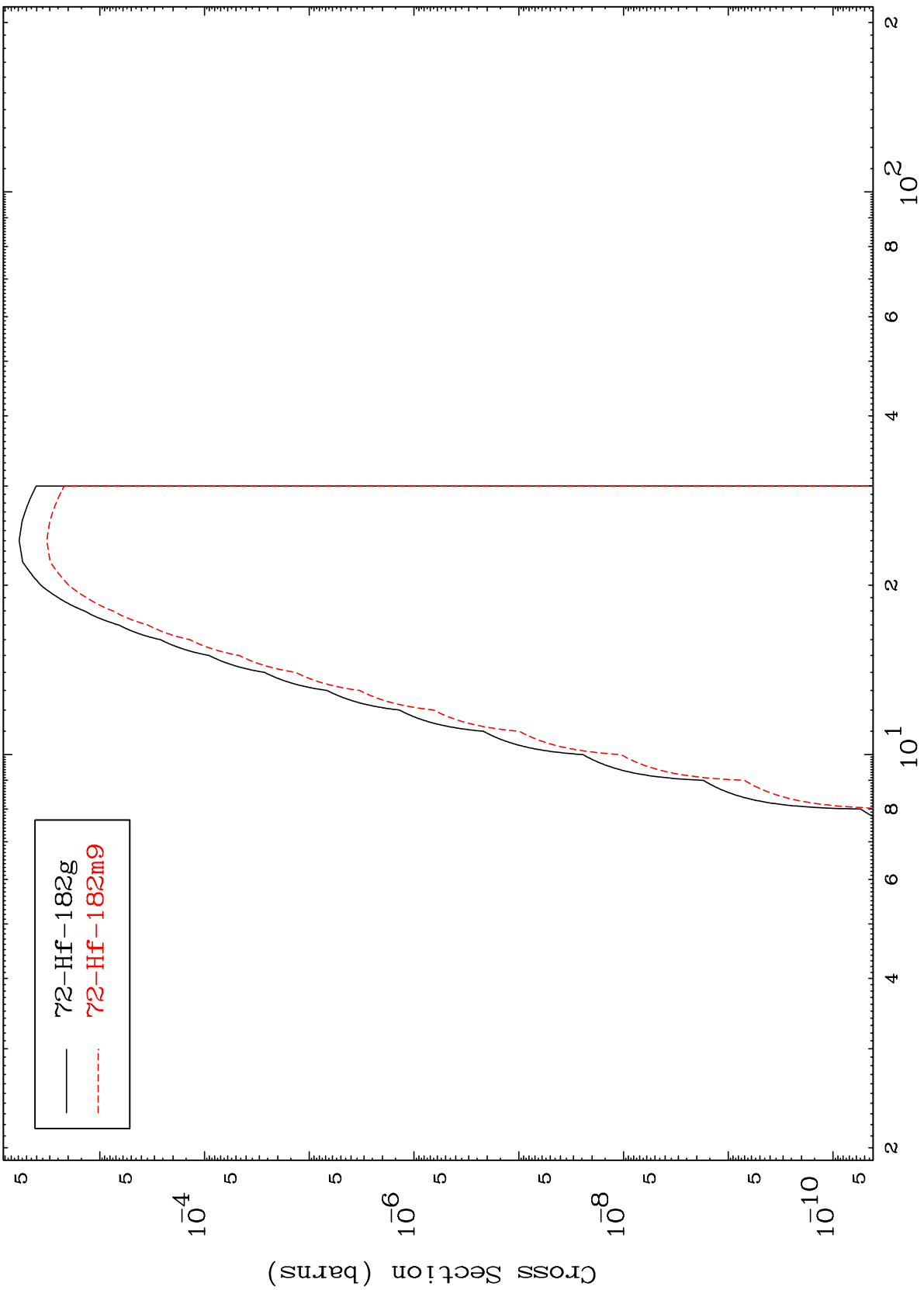
14

MAT 7146

(n,n') d

71-Lu-182

Radionuclide Production Cross Section



15

Incident Energy (MeV)

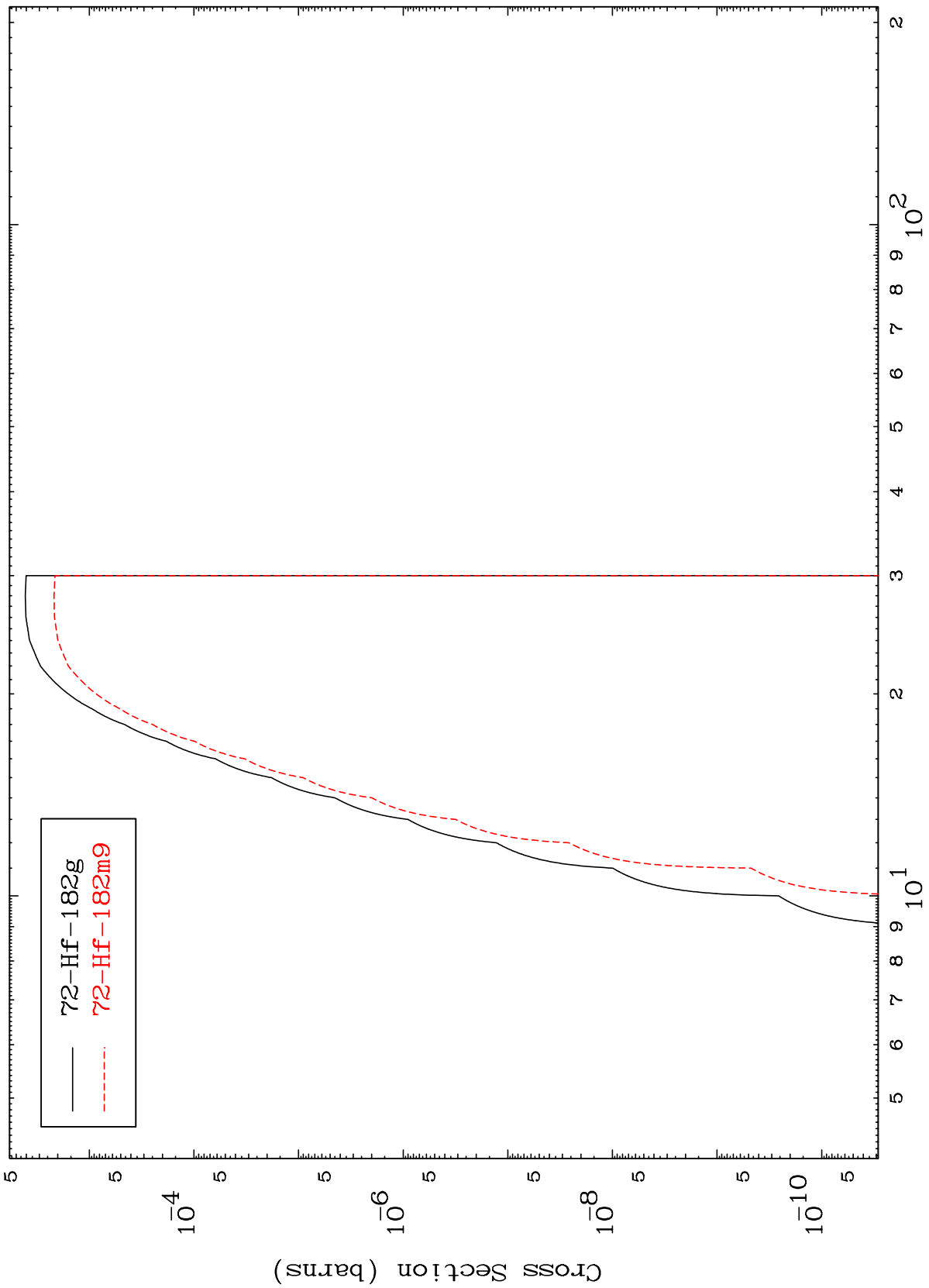
71-Lu-182

MAT 7146

(n,2n) p

71-Lu-182

Radionuclide Production Cross Section



16

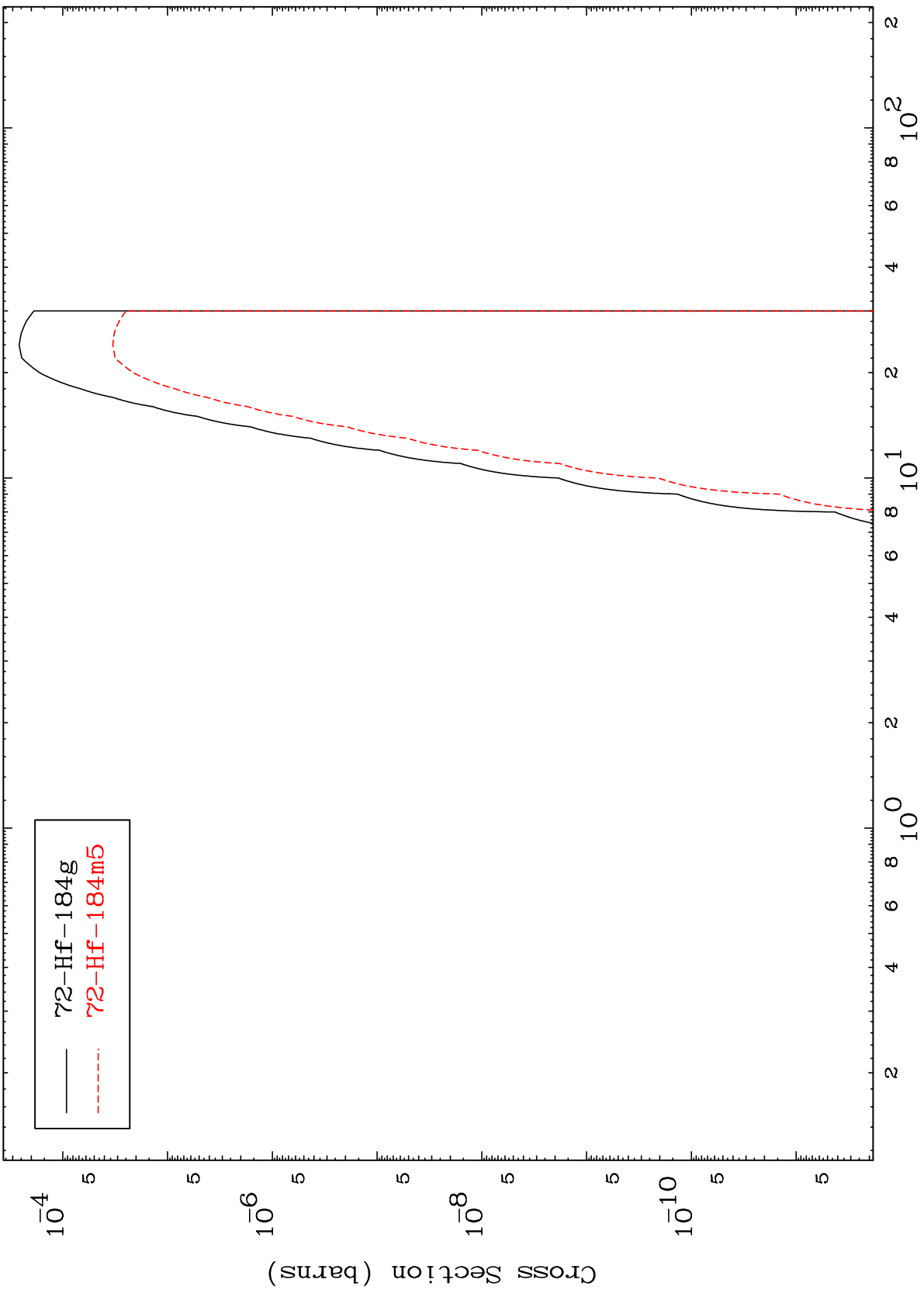
Incident Energy (MeV)

71-Lu-182

MAT 7146

71-Lu-182

(n,p)
Radionuclide Production Cross Section



17

71-Lu-182

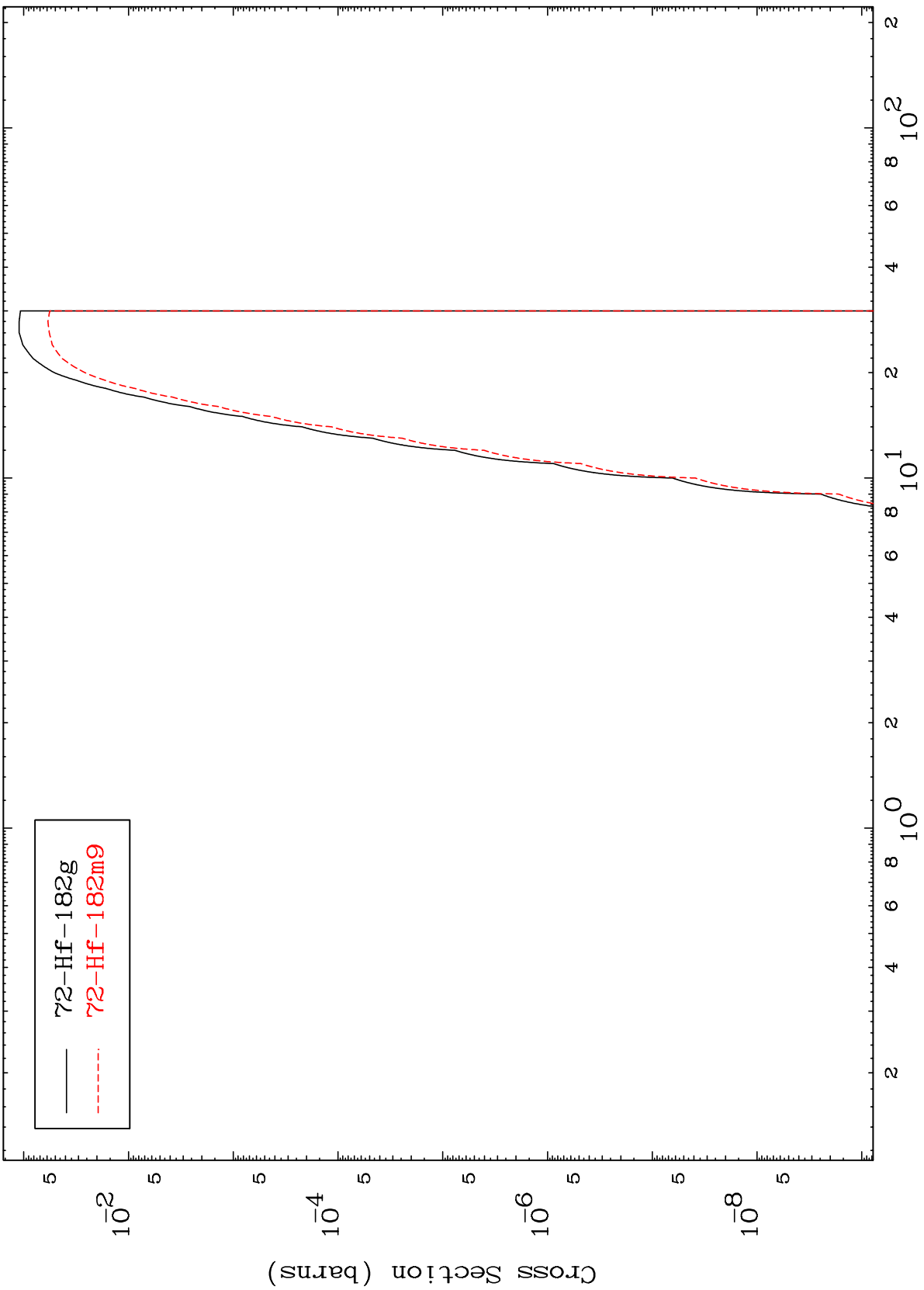
Incident Energy (MeV)

MAT 7146

(n, t)

⁷¹Lu-182

Radionuclide Production Cross Section



— ⁷²Hf-182g
- - - ⁷²Hf-182m9

18

Incident Energy (MeV)

⁷¹Lu-182