

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

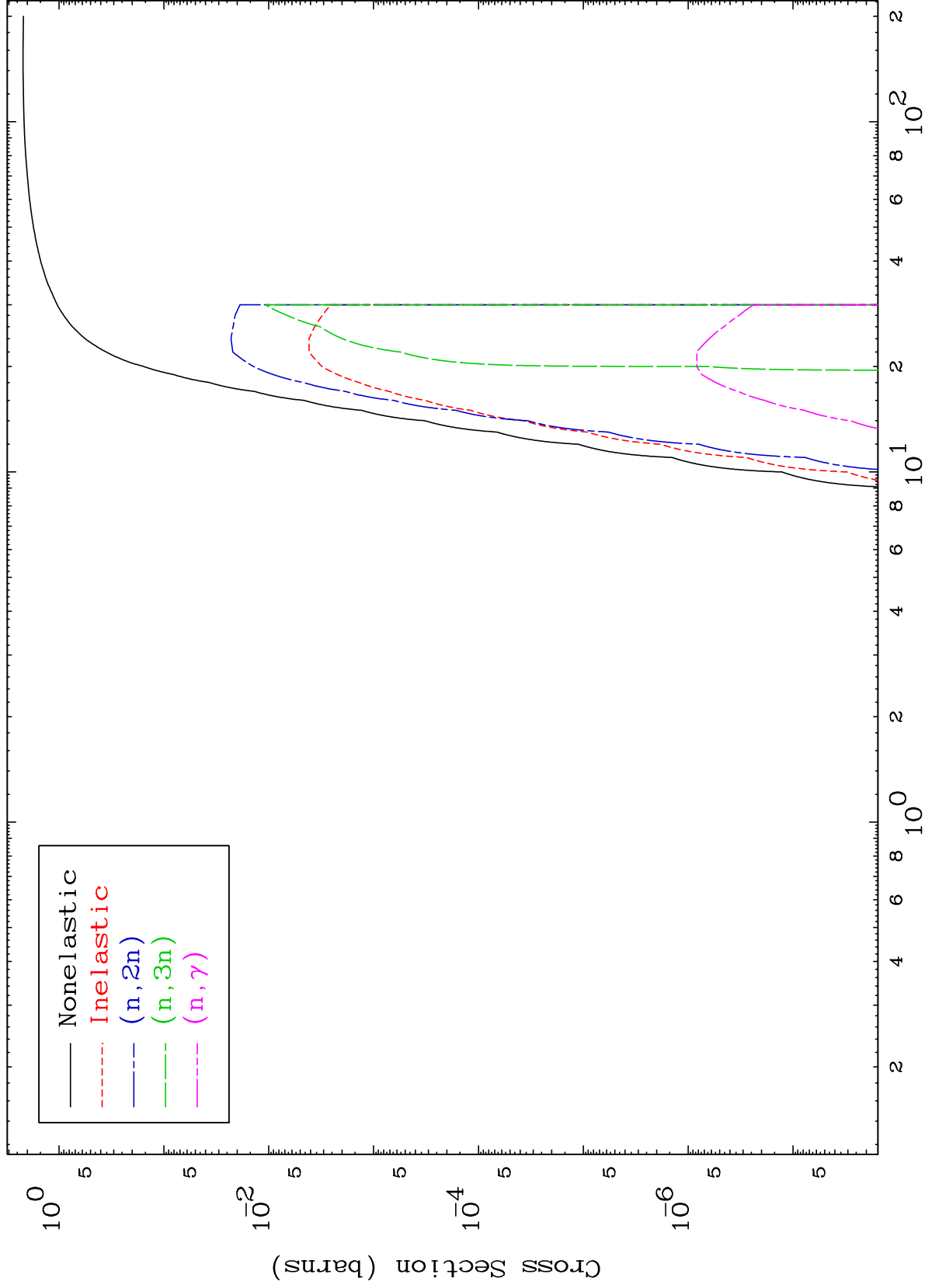
Press Mouse Button to Start

MAT 7100

He-3 Major

⁷¹Lu-166n

0 Kelvin Cross Sections



1

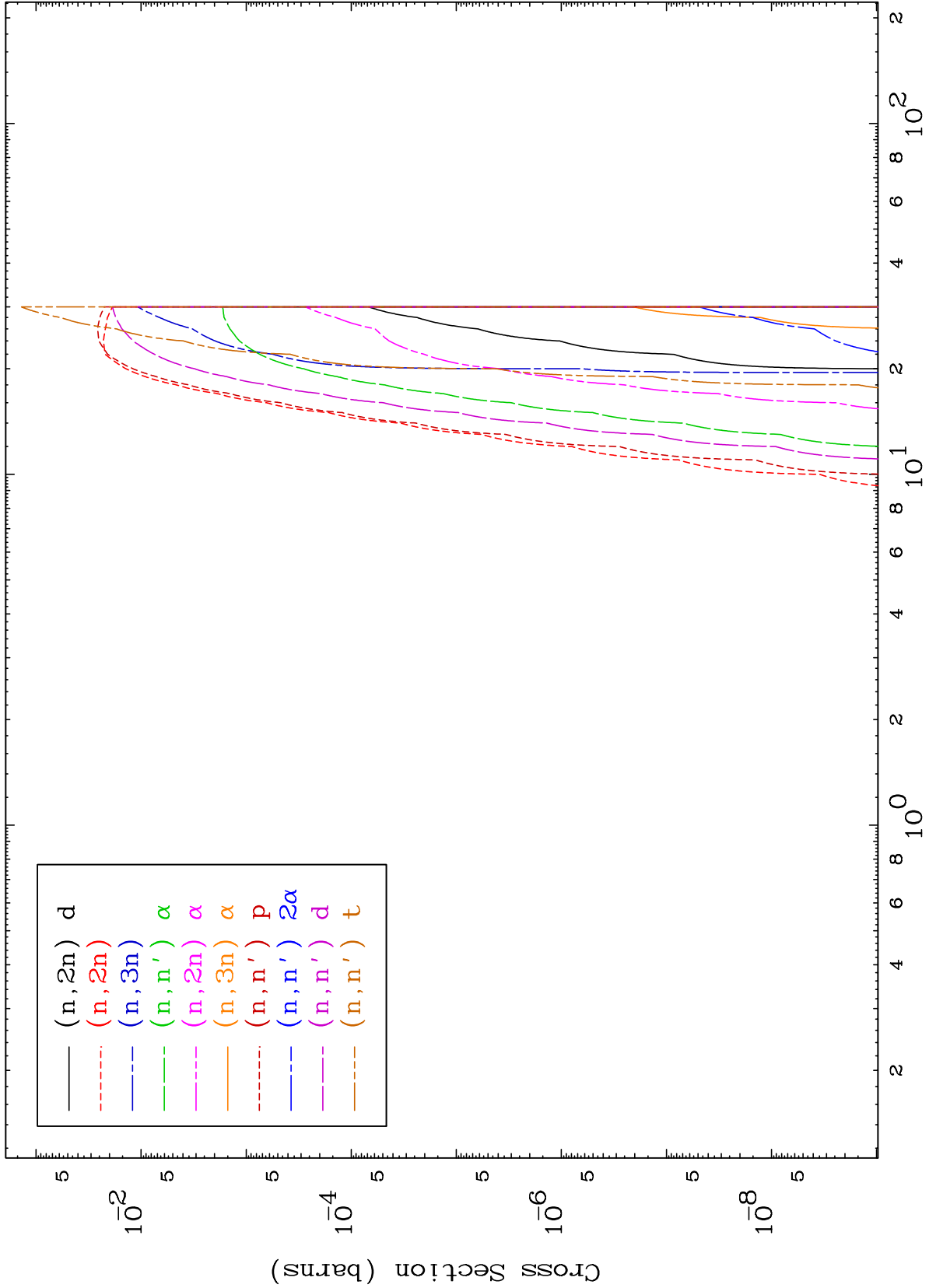
Incident Energy (MeV)

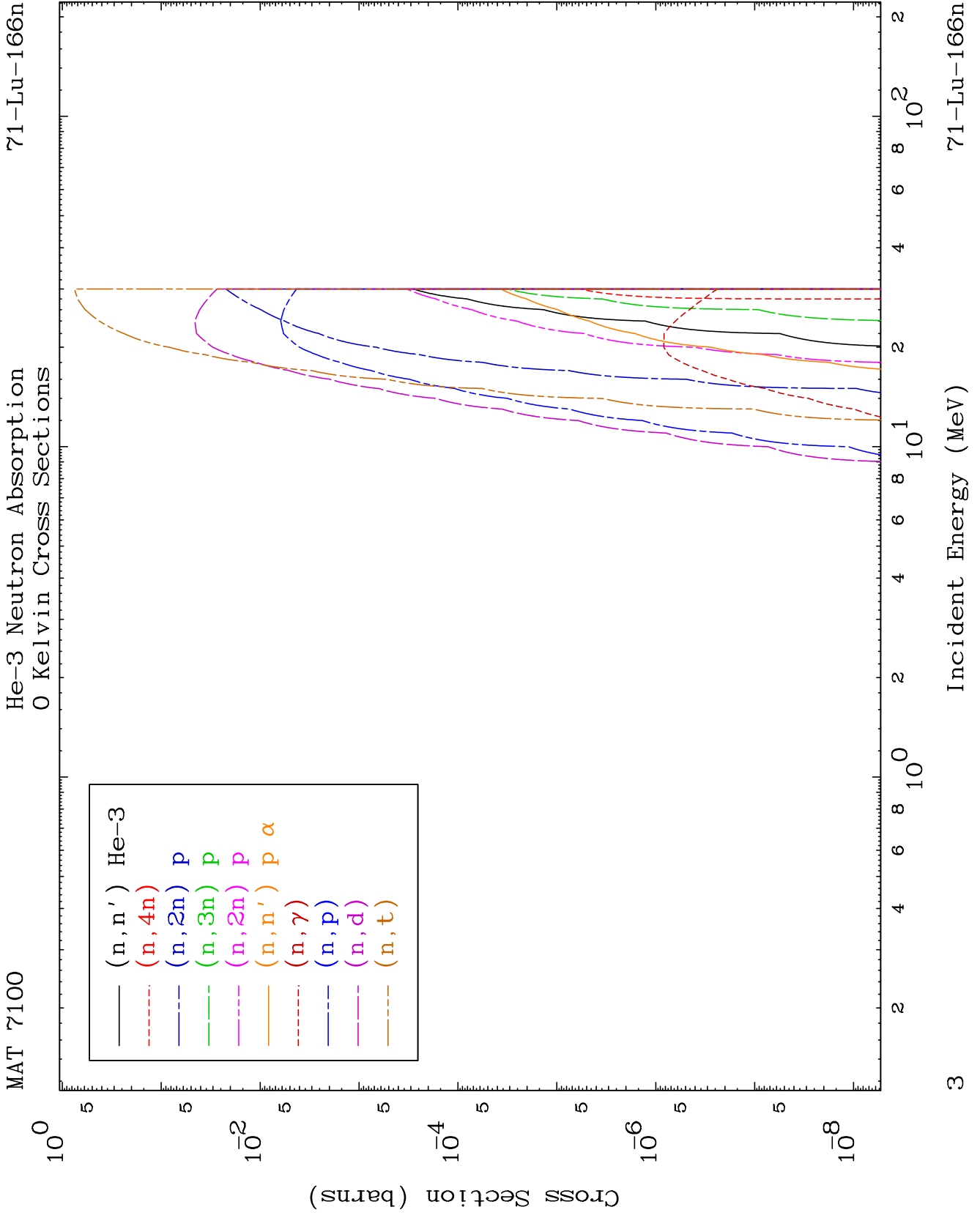
⁷¹Lu-166n

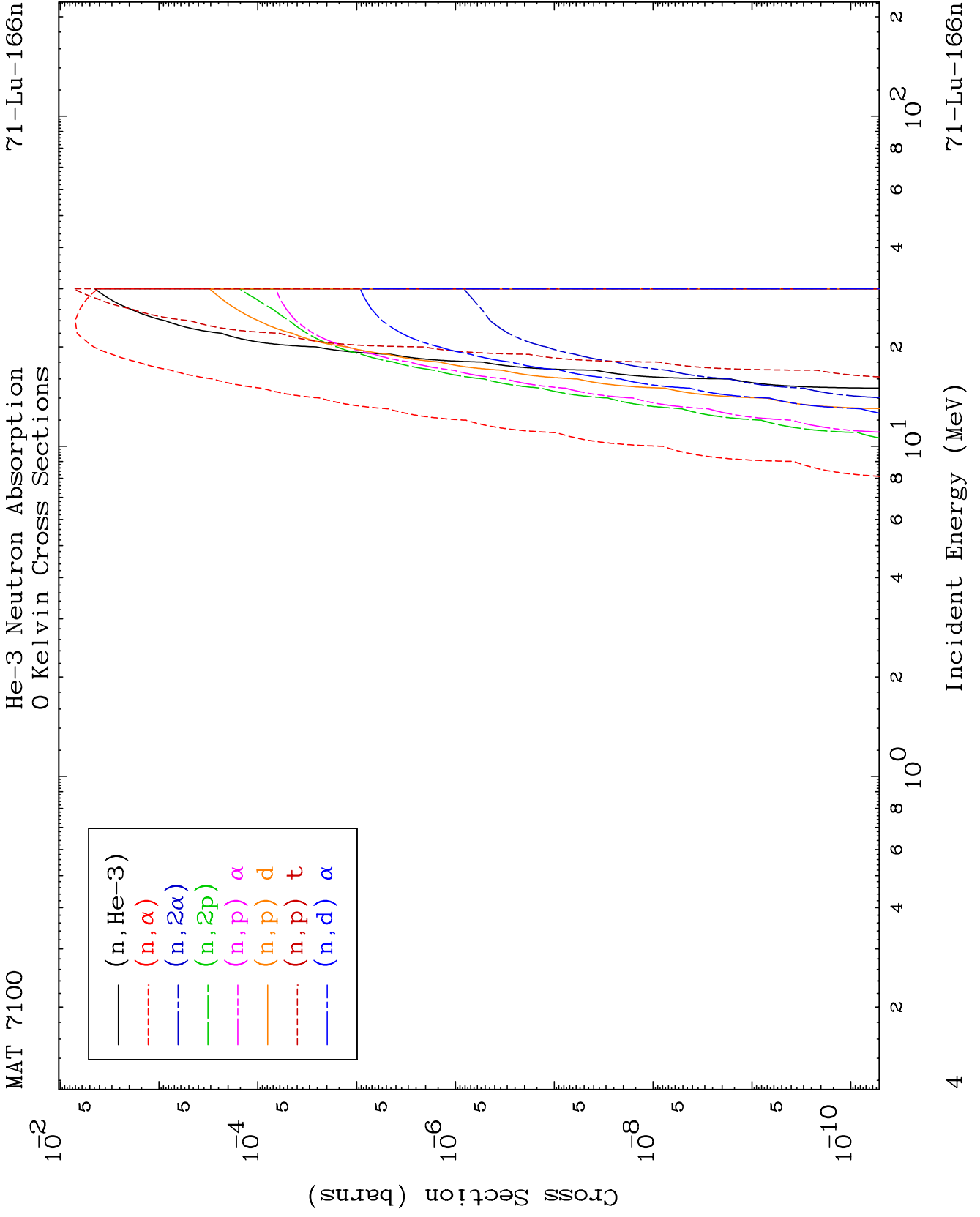
MAT 7100

He-3 Neutron Absorption
0 Kelvin Cross Sections

71-Lu-166n



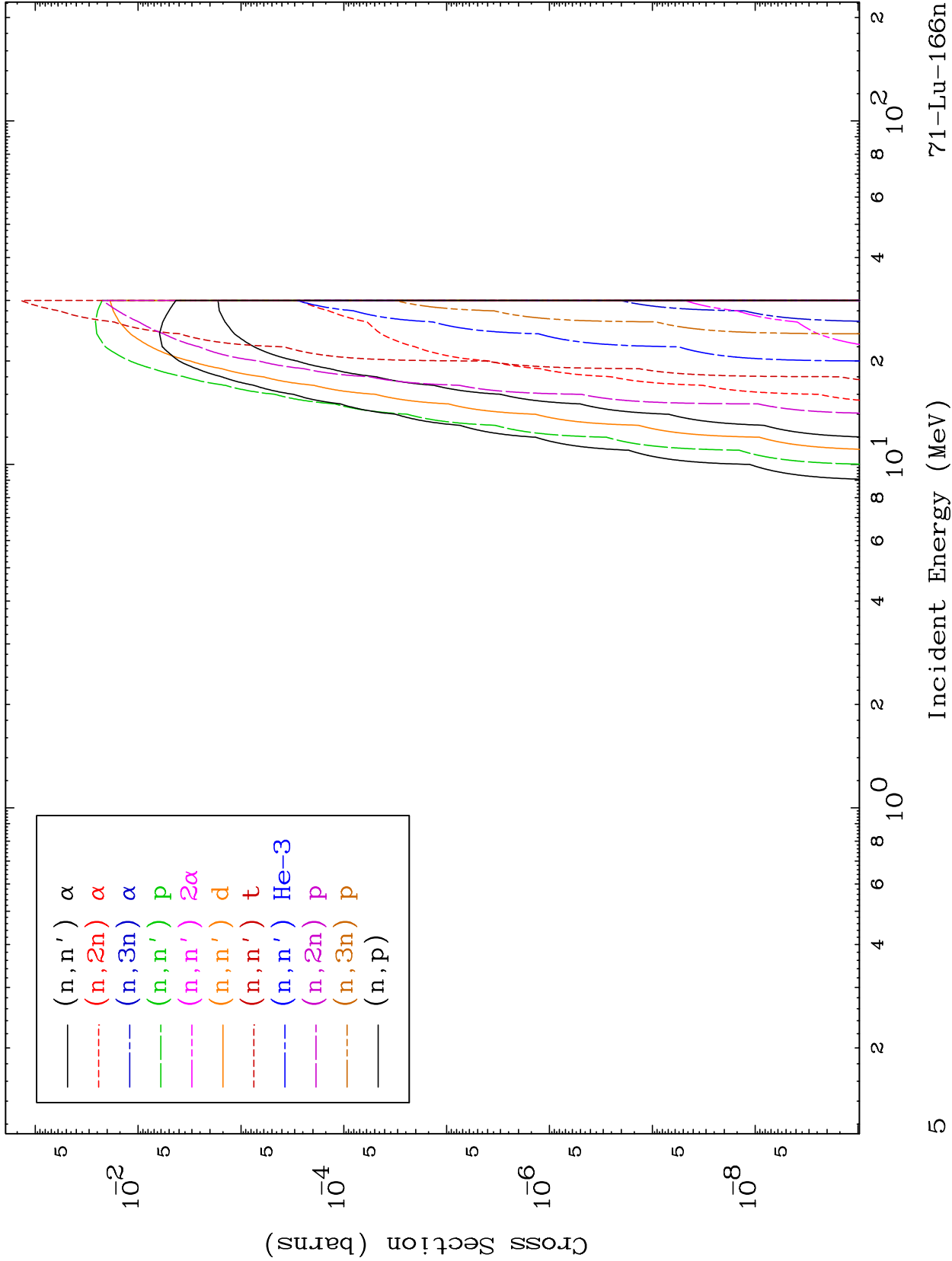




MAT 7100

He-3 Charged Particle
0 Kelvin Cross Sections

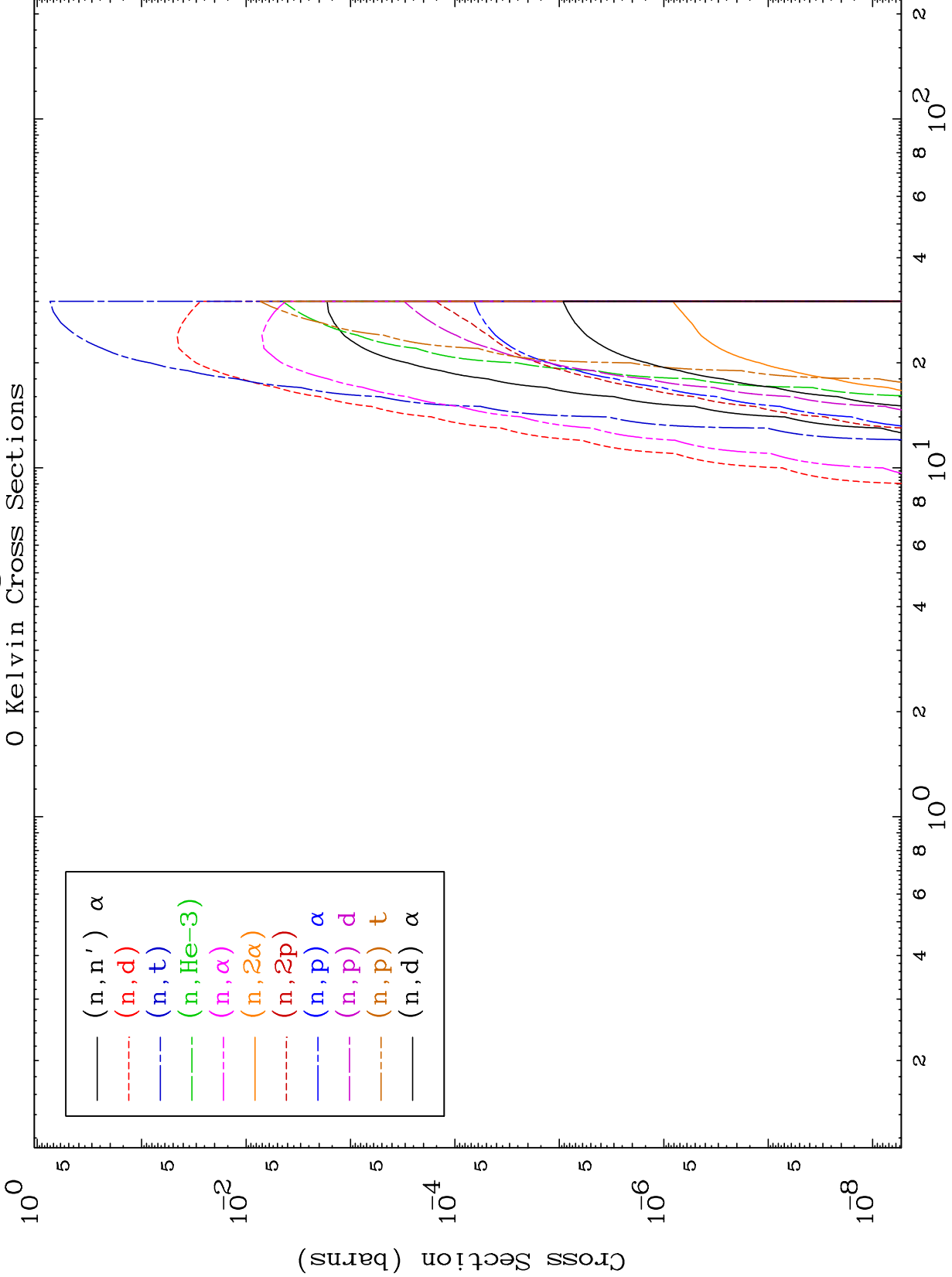
71-Lu-166n



MAT 7100

He-3 Charged Particle
0 Kelvin Cross Sections

71-Lu-166n

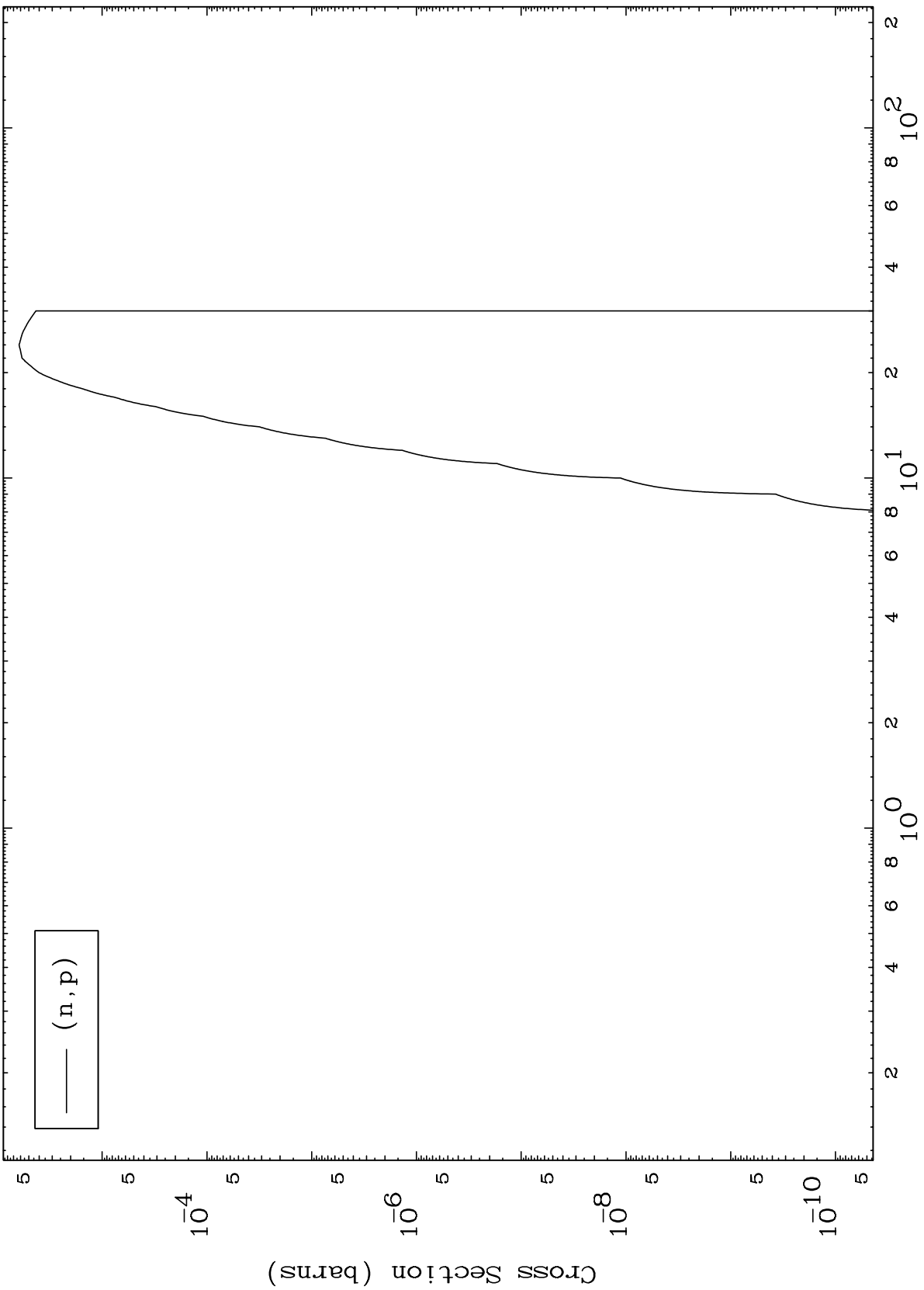


MAT 7100

(He-3,p) Levels

71-Lu-166n

0 Kelvin Cross Sections

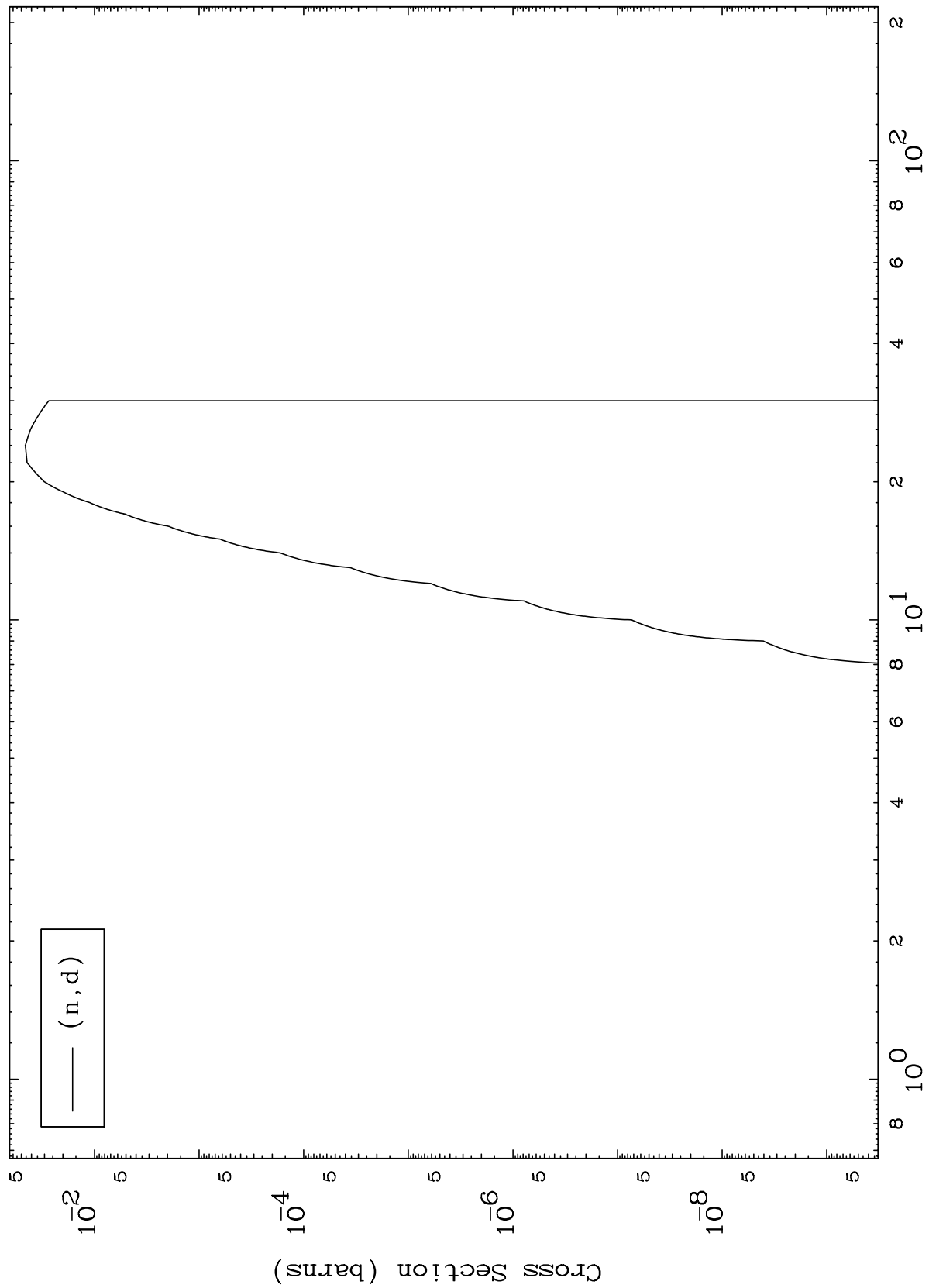


MAT 7100

(He-3,d) Levels

71-Lu-166n

0 Kelvin Cross Sections



(n,d)

Incident Energy (MeV)

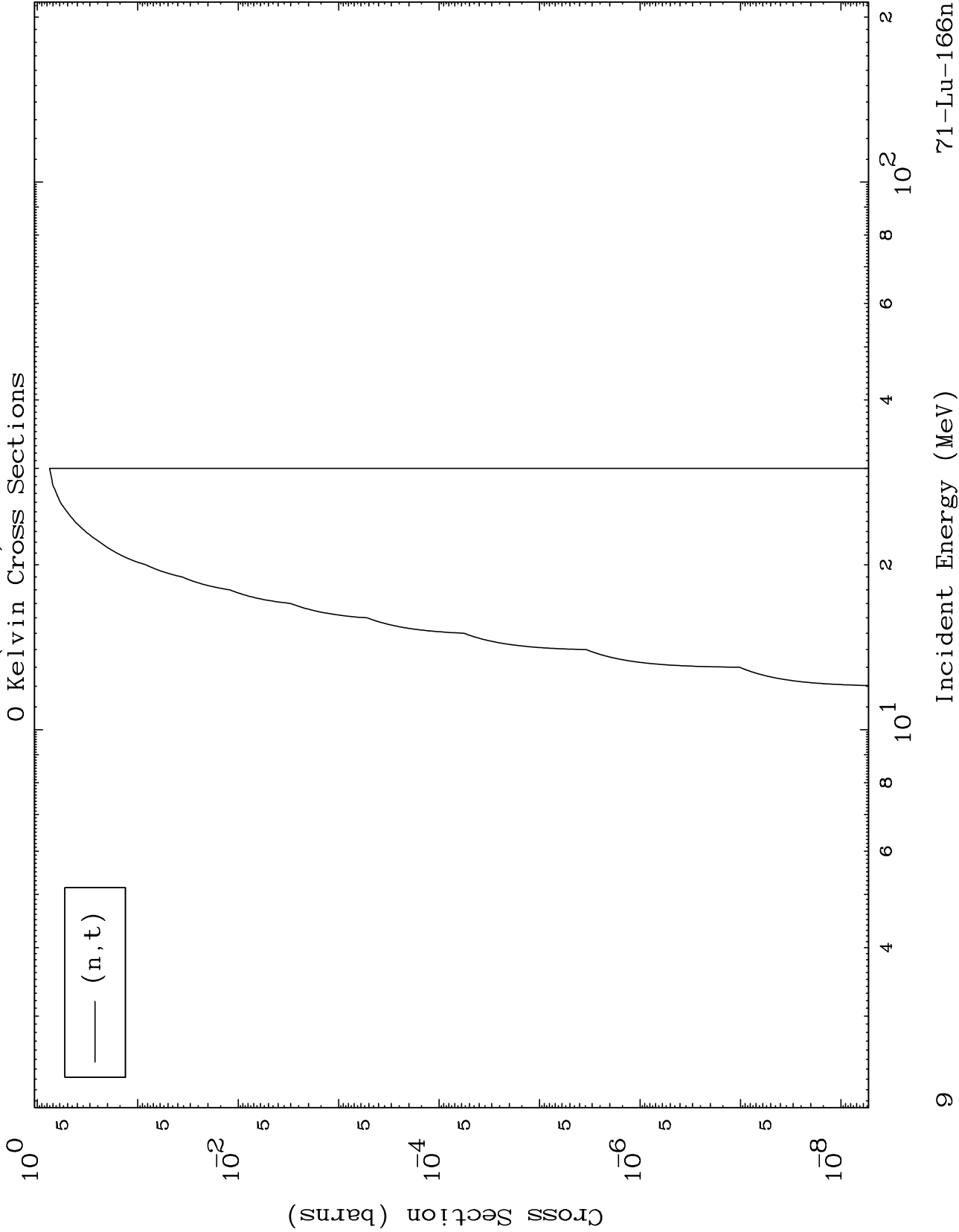
71-Lu-166n

8

MAT 7100

(He-3,t) Levels

71-Lu-166n

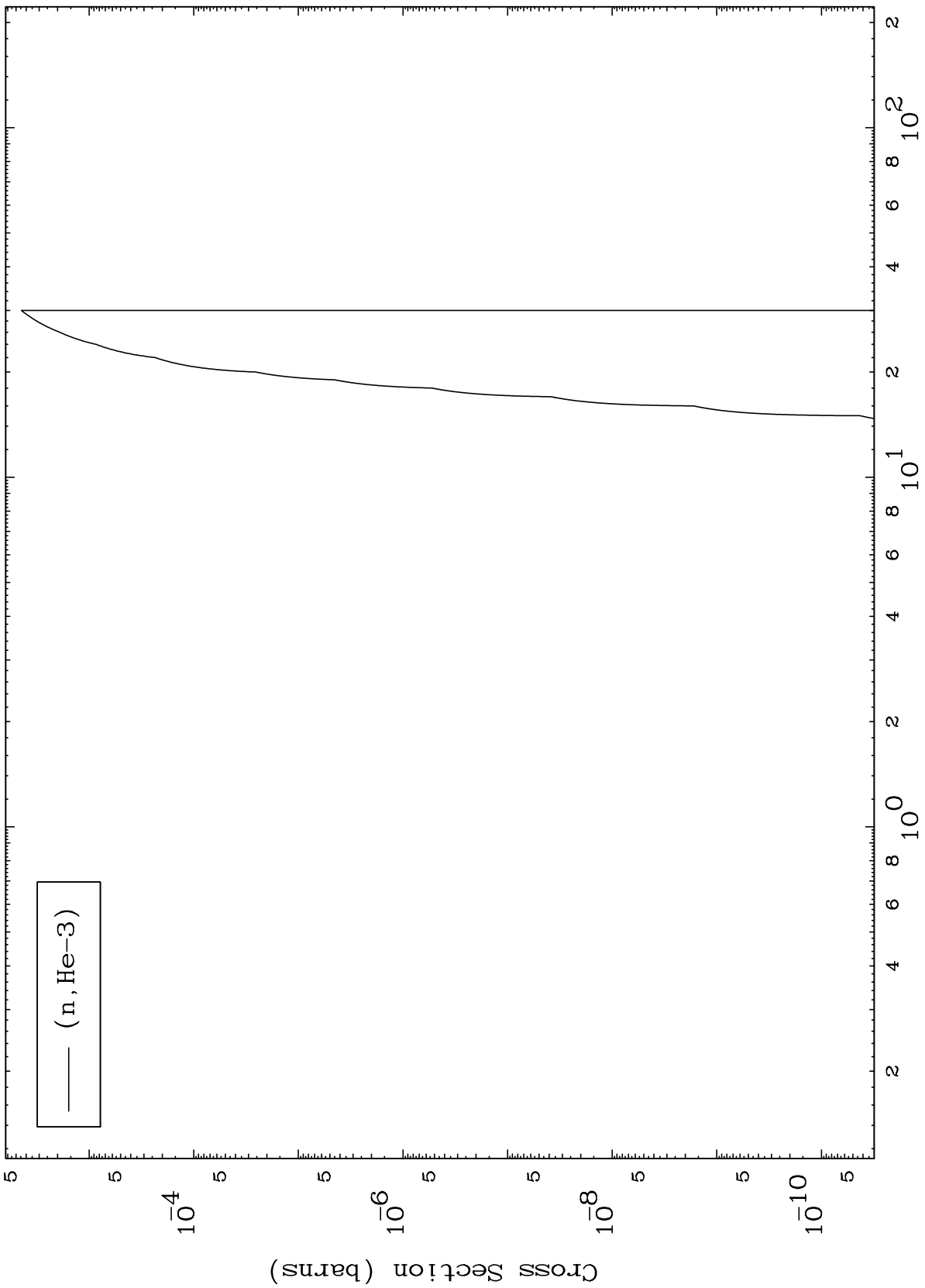


MAT 7100

(He-3, He3) Levels

71-Lu-166n

0 Kelvin Cross Sections



10

Incident Energy (MeV)

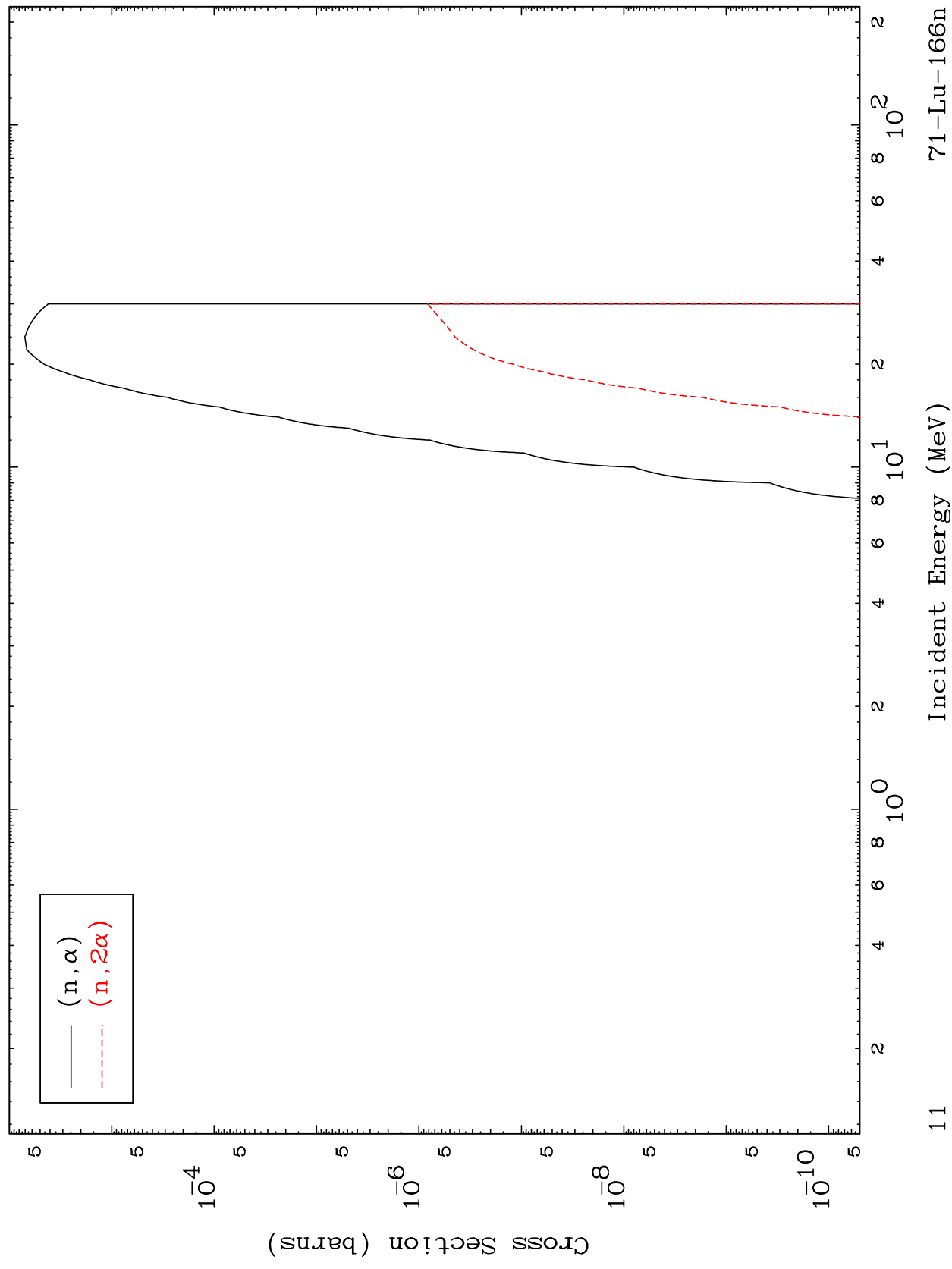
71-Lu-166n

MAT 7100

(He-3, α) Levels

71-Lu-166n

0 Kelvin Cross Sections

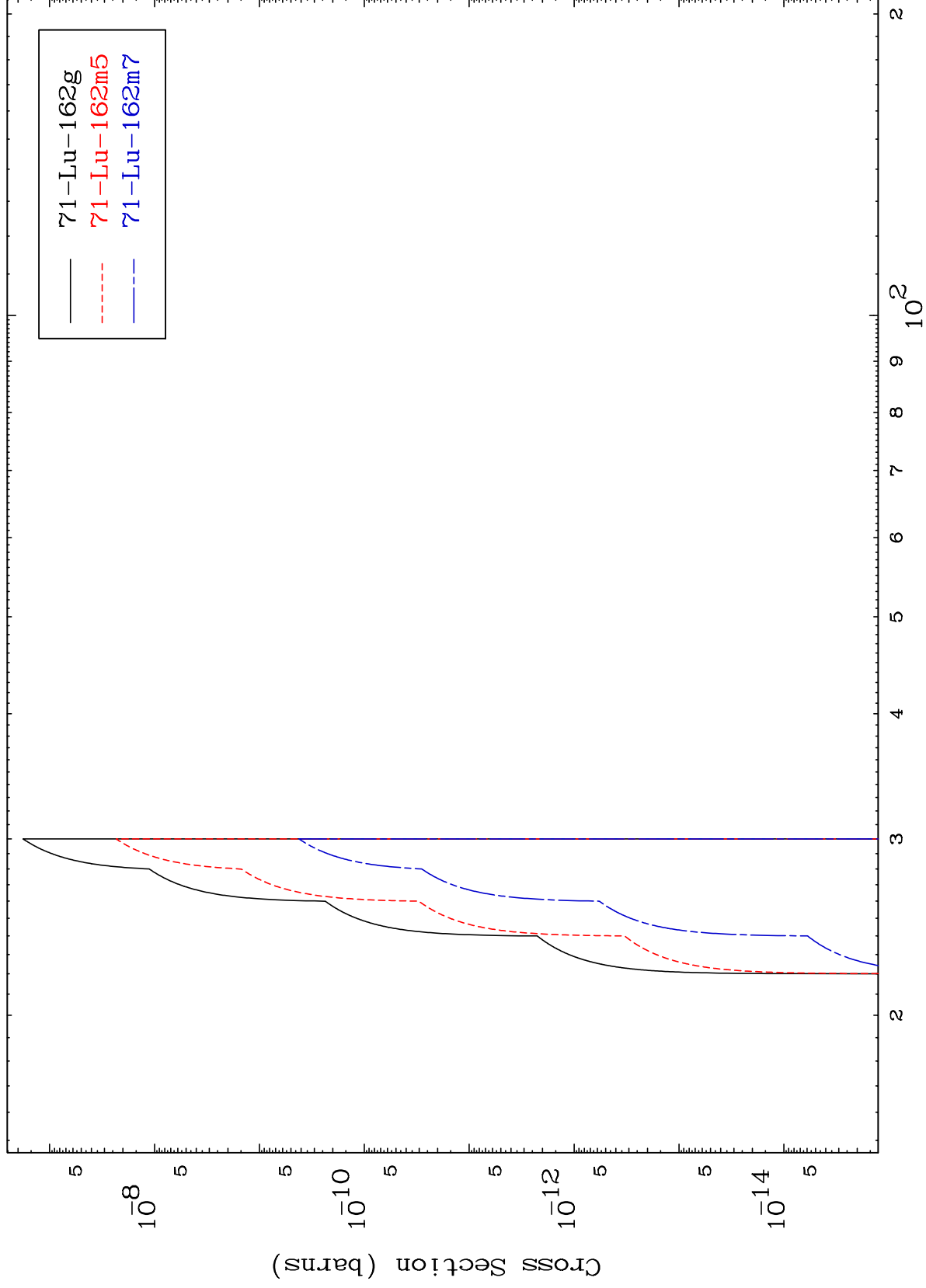


MAT 7100

$(n,3n) \alpha$

$^{71}\text{Lu-166n}$

Radionuclide Production Cross Section



12

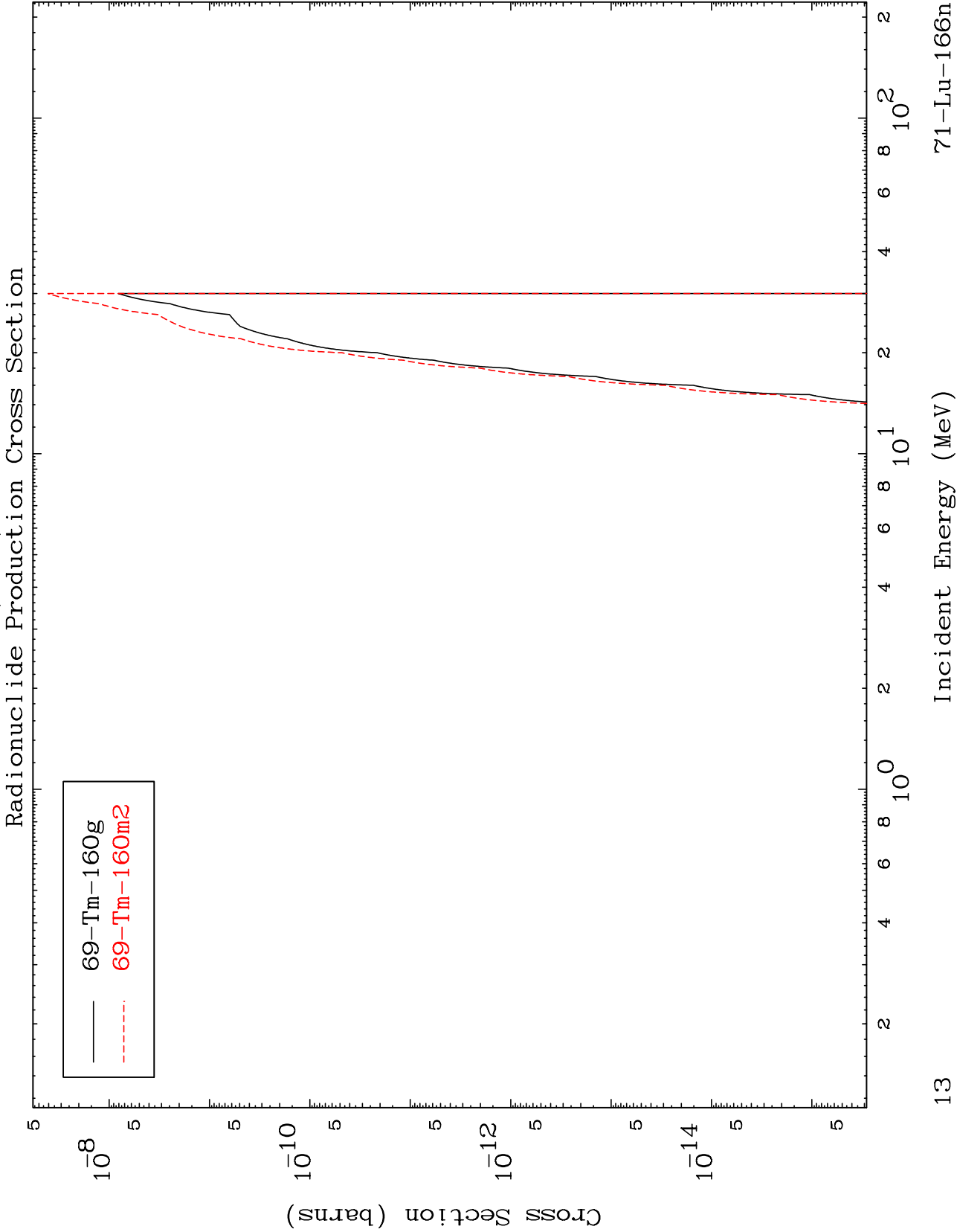
Incident Energy (MeV)

$^{71}\text{Lu-166n}$

MAT 7100

(n,n') 2α

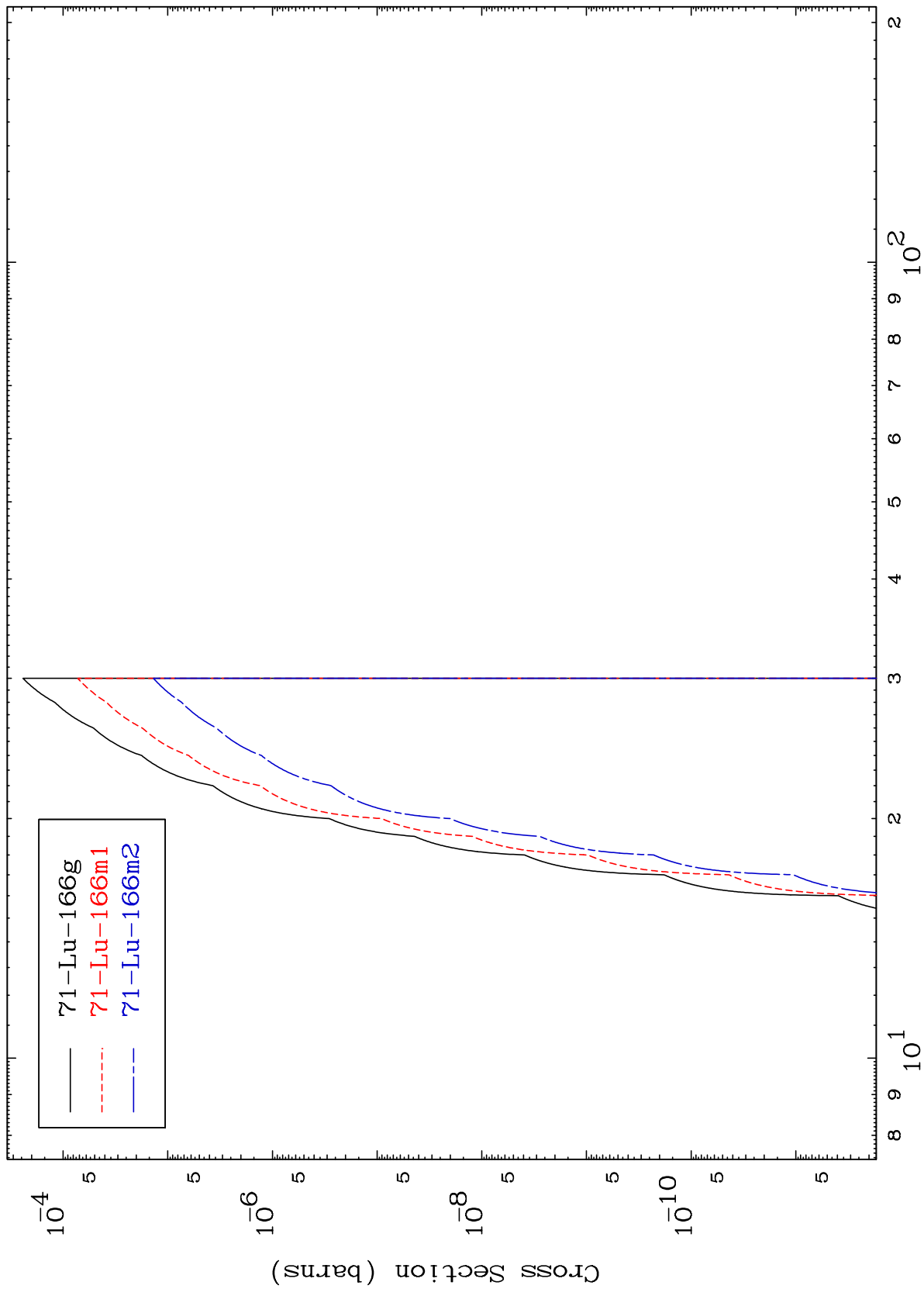
71-Lu-166n



MAT 7100

⁷¹Lu-166n

(n,2n) p
Radionuclide Production Cross Section



⁷¹Lu-166n

Incident Energy (MeV)

14

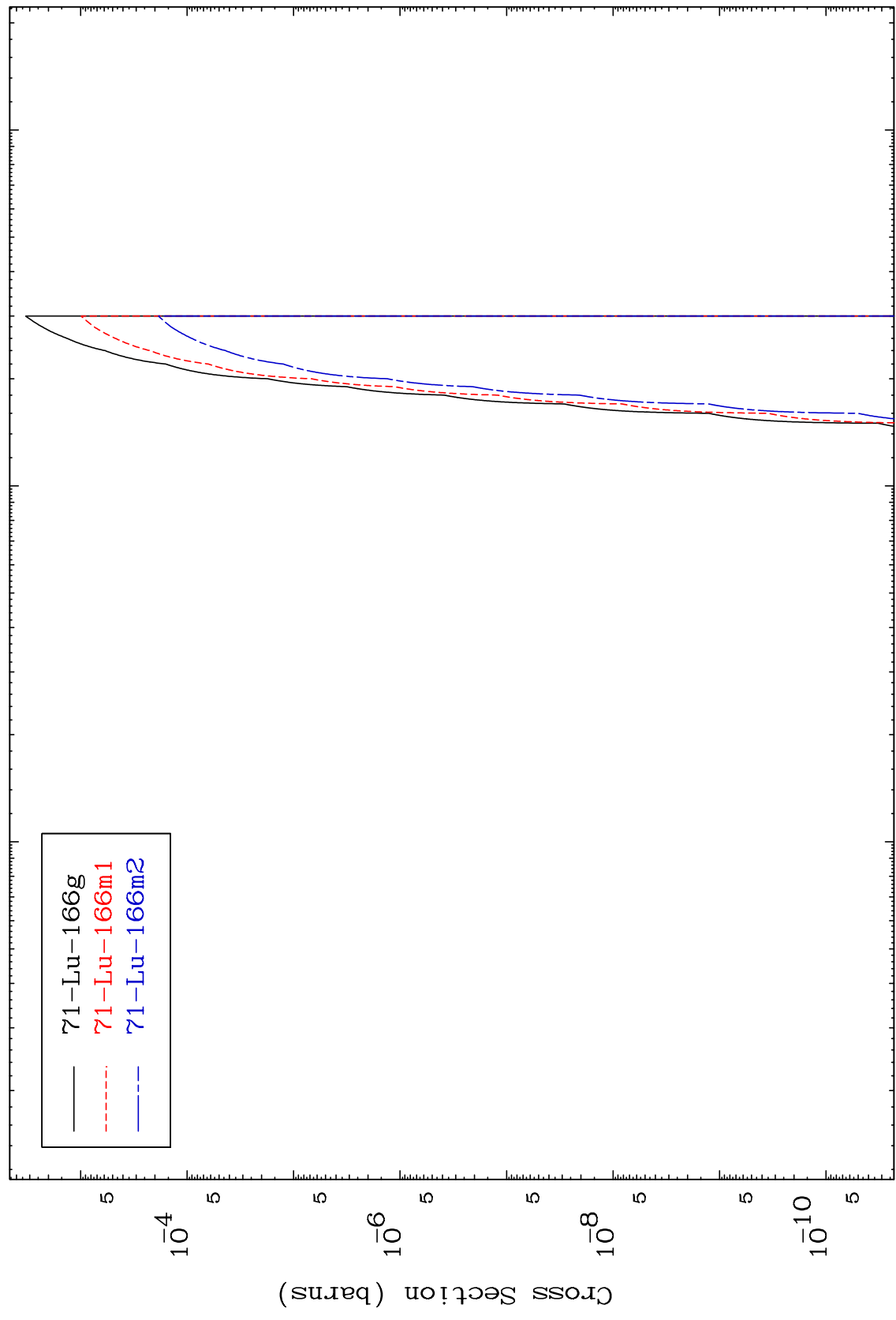
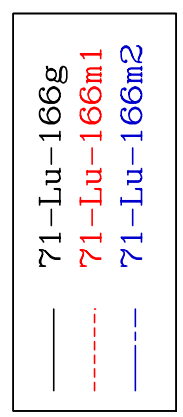
MAT 7100

⁷¹Lu-166n

⁷¹Lu-166n

Incident Energy (MeV)

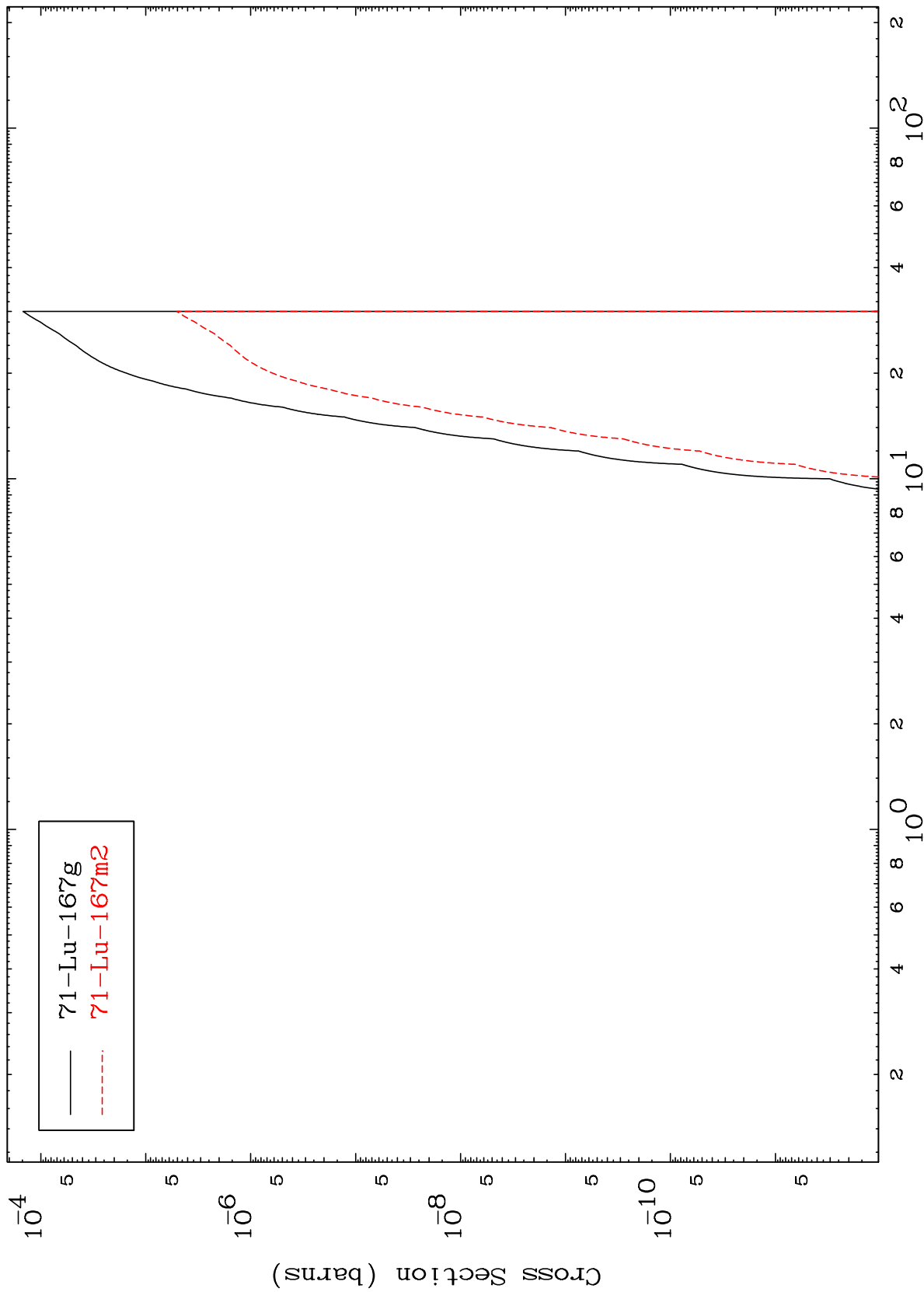
Radionuclide Production Cross Section
(n,He-3)



MAT 7100

⁷¹Lu-166n

Radionuclide Production Cross Section



⁷¹Lu-166n

Incident Energy (MeV)

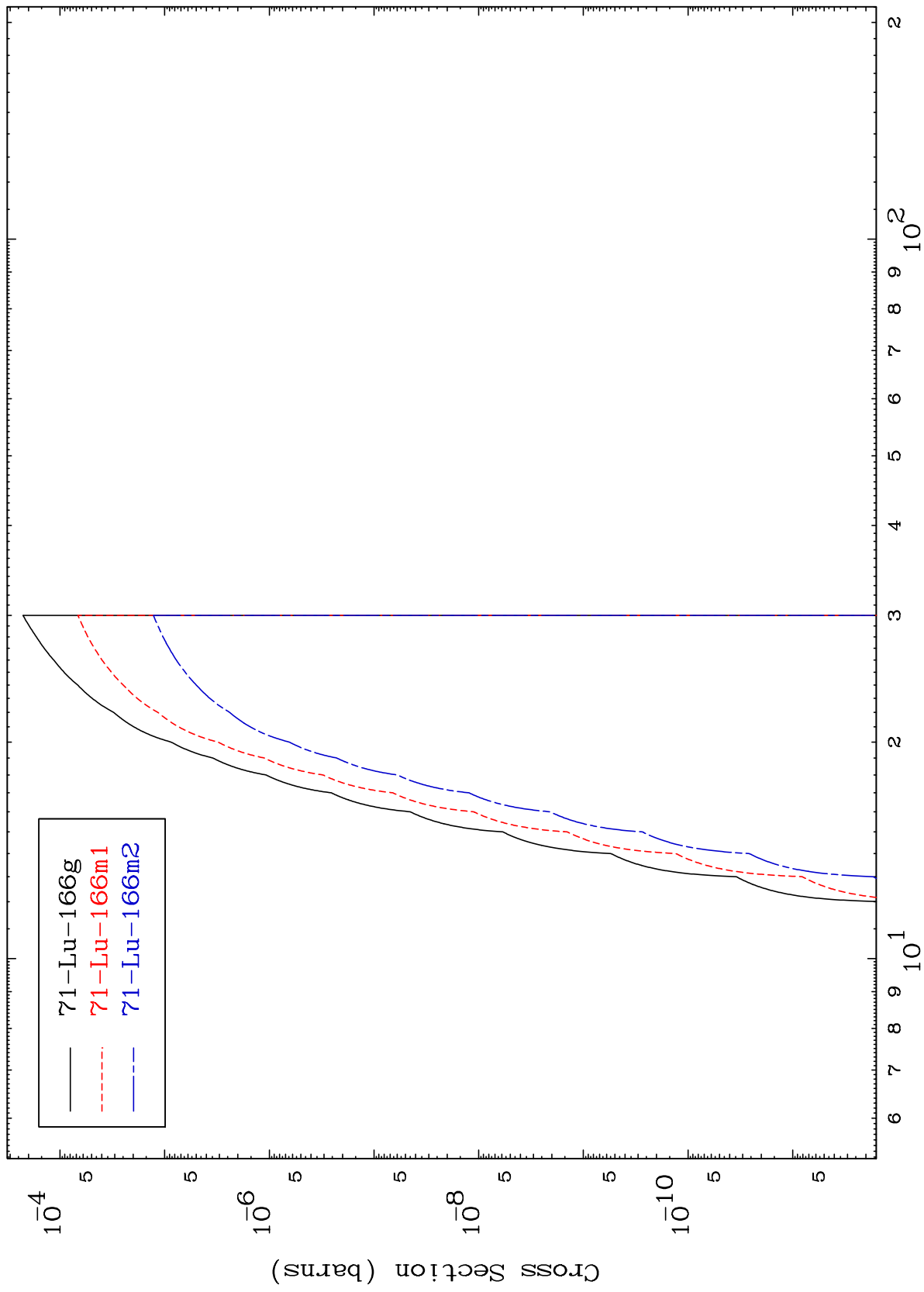
16

MAT 7100

(n,p) d

⁷¹Lu-166n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

⁷¹Lu-166n