

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

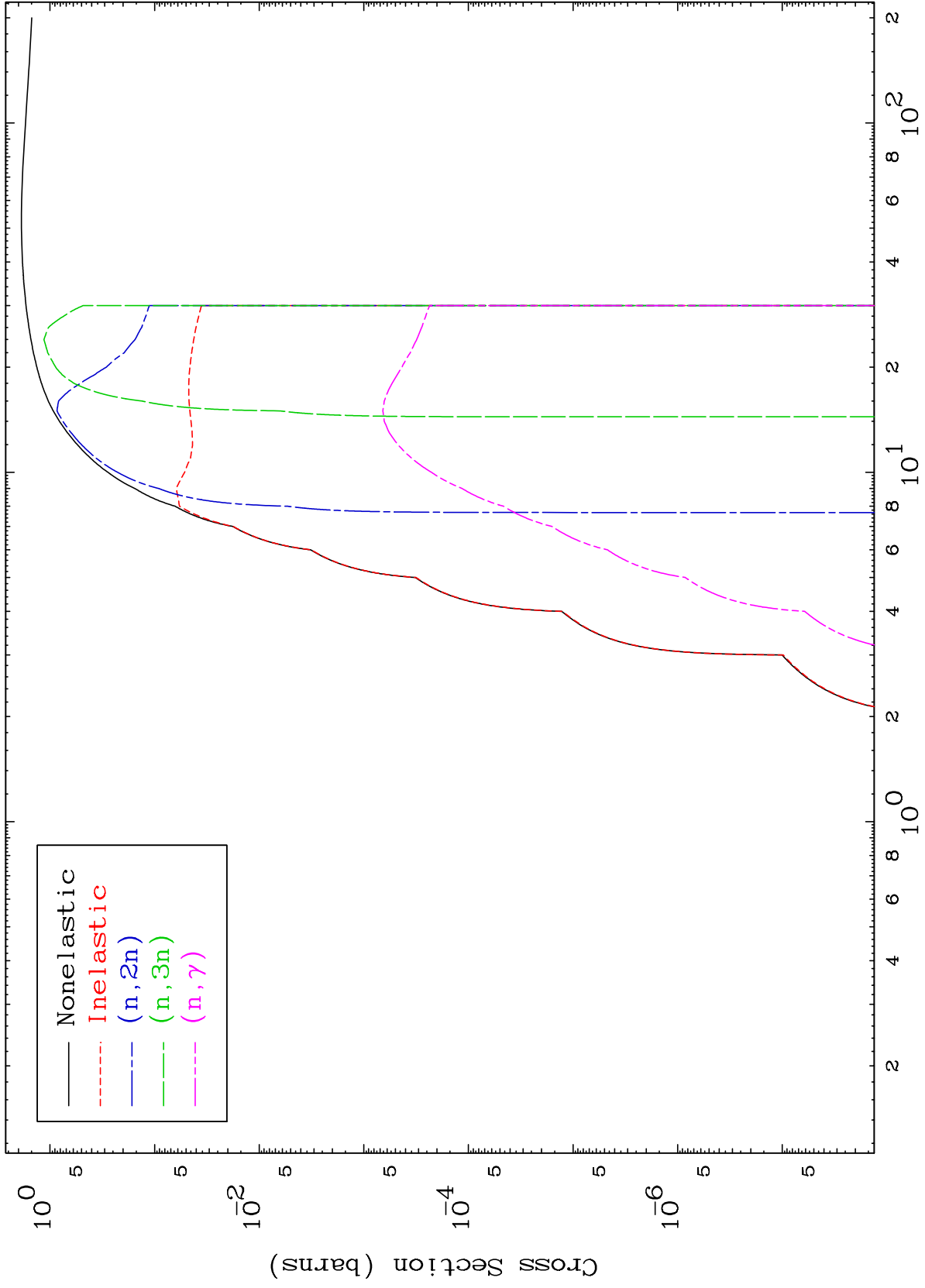
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

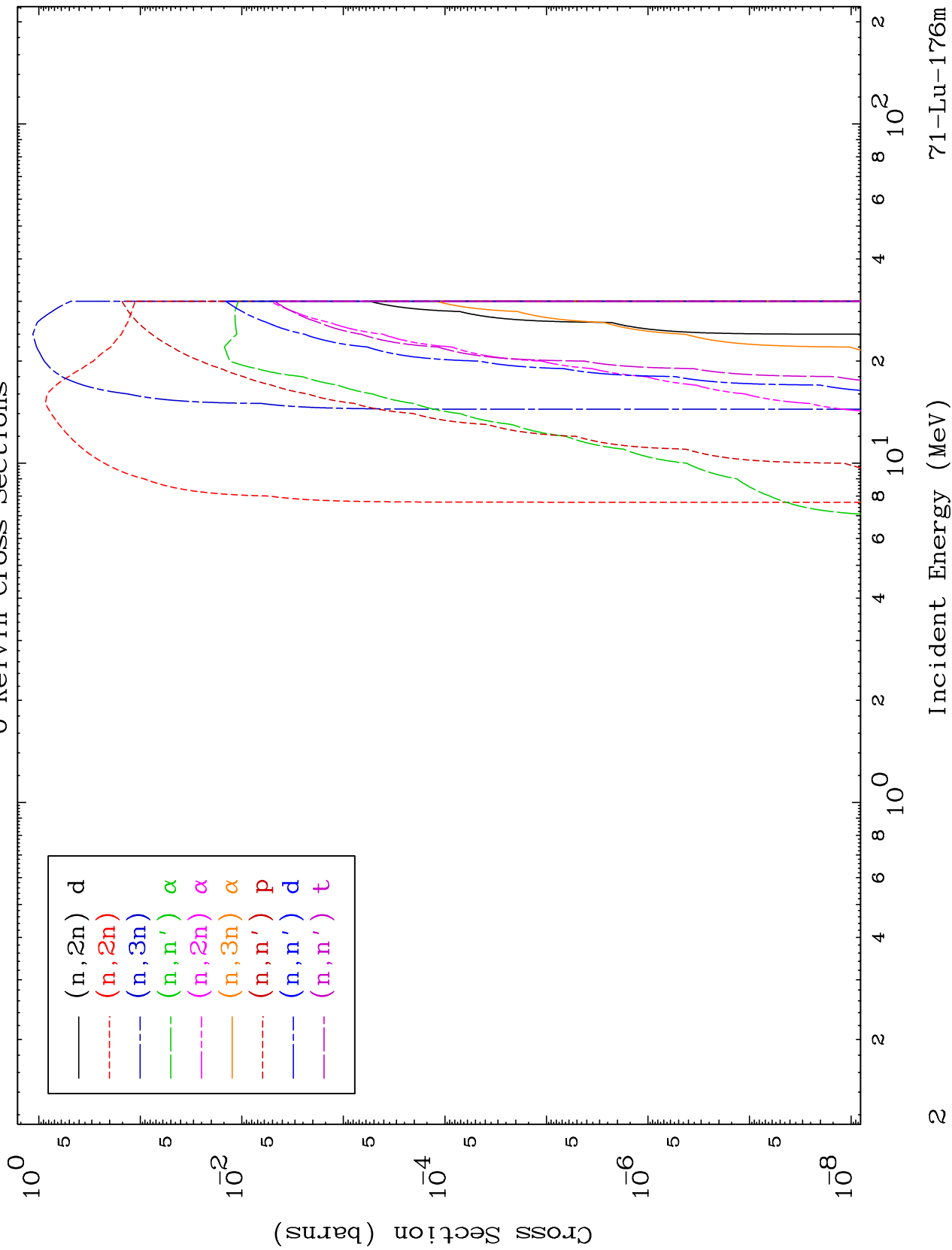
Press Mouse Button to Start



MAT 7129

Proton Neutron Absorption
0 Kelvin Cross Sections

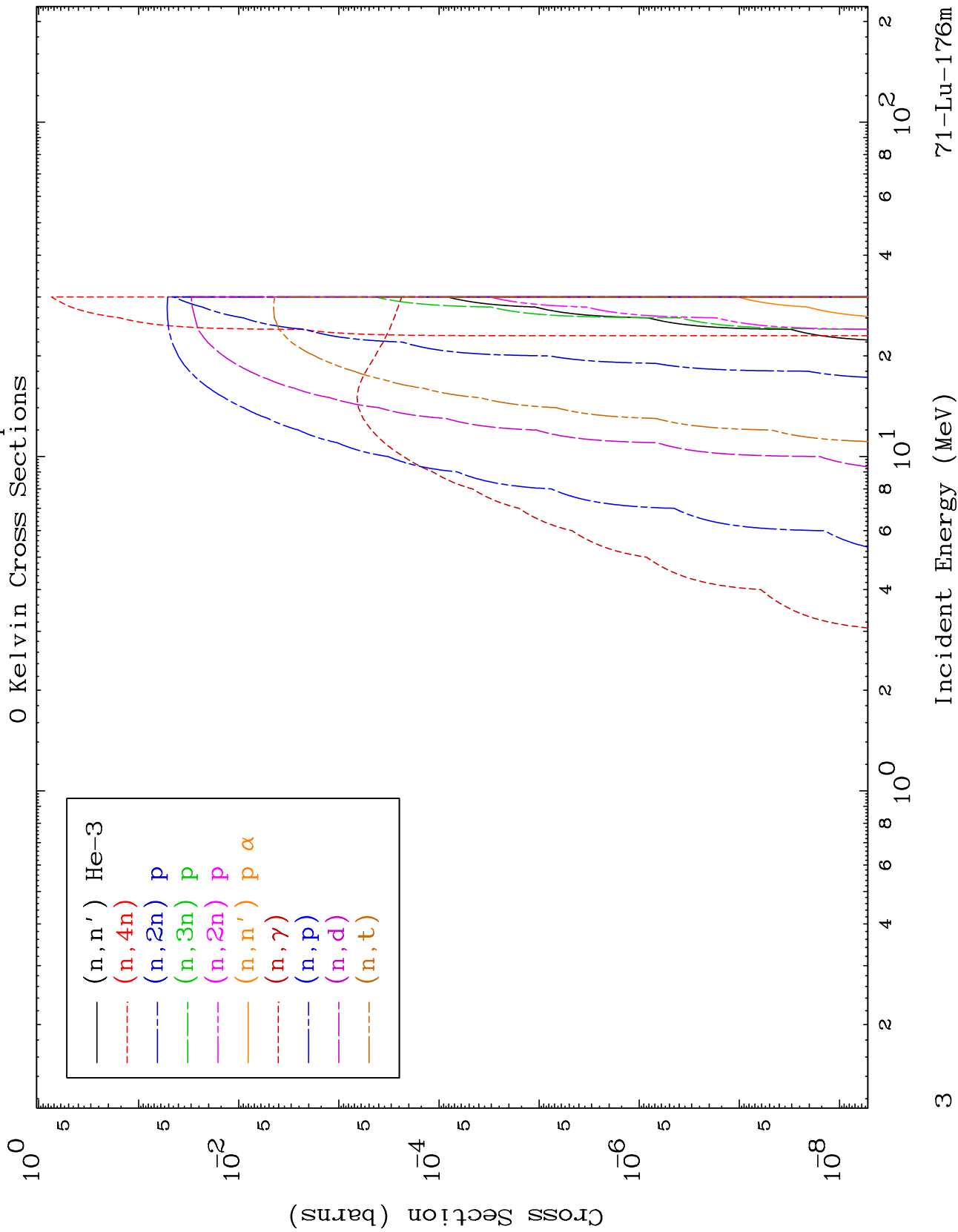
71-Lu-176m



MAT 7129

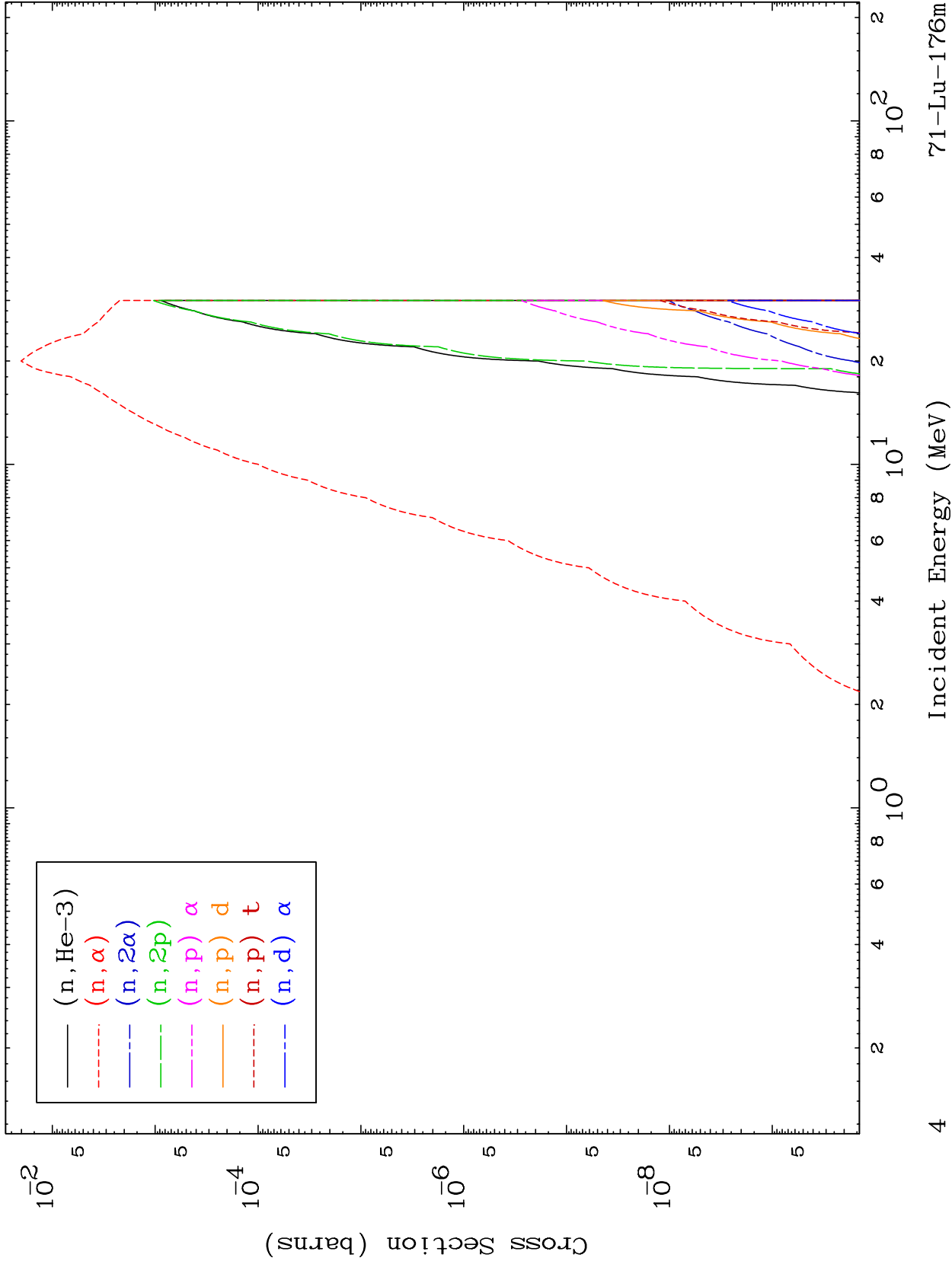
Proton Neutron Absorption
0 Kelvin Cross Sections

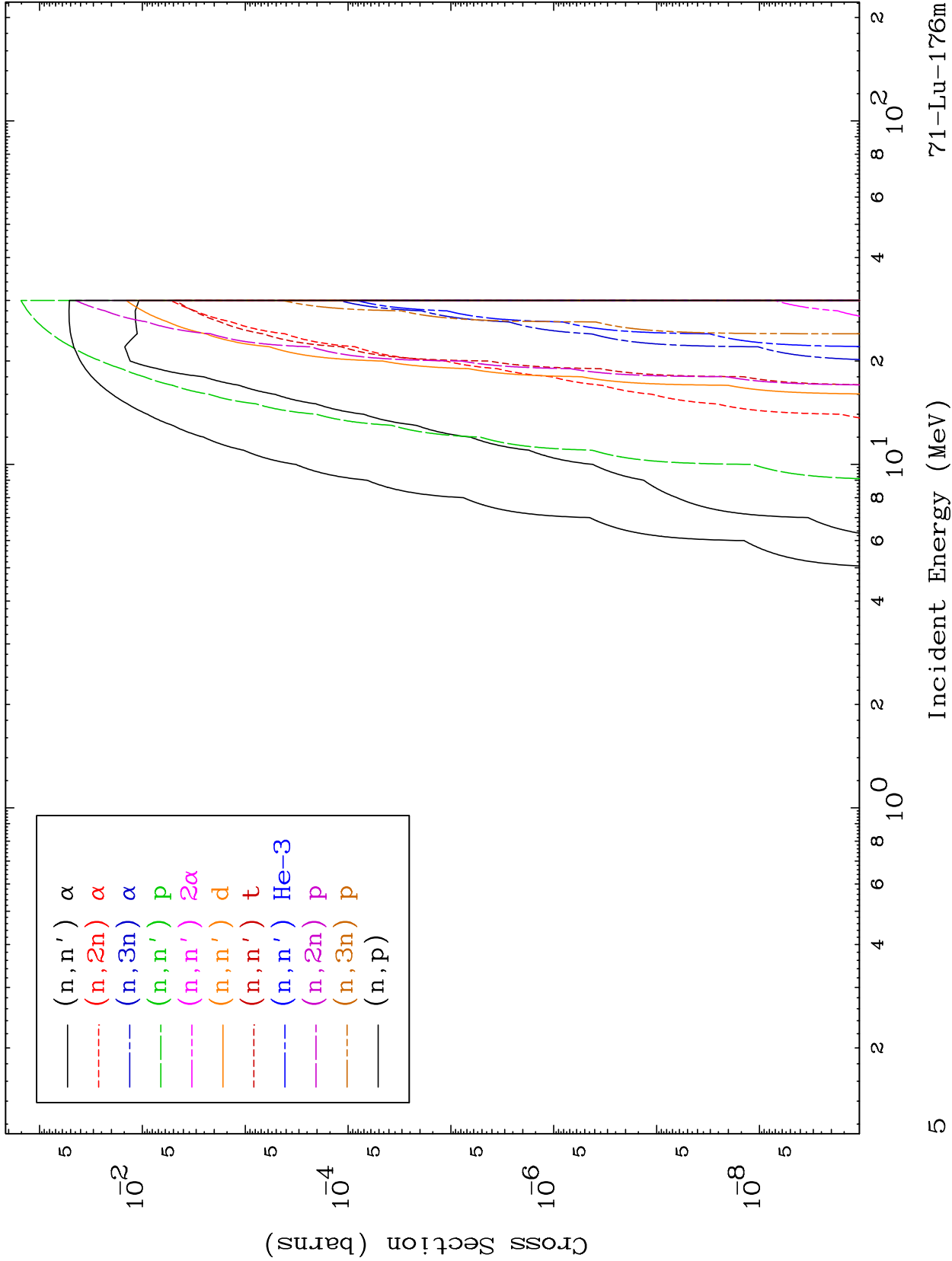
71-Lu-176m

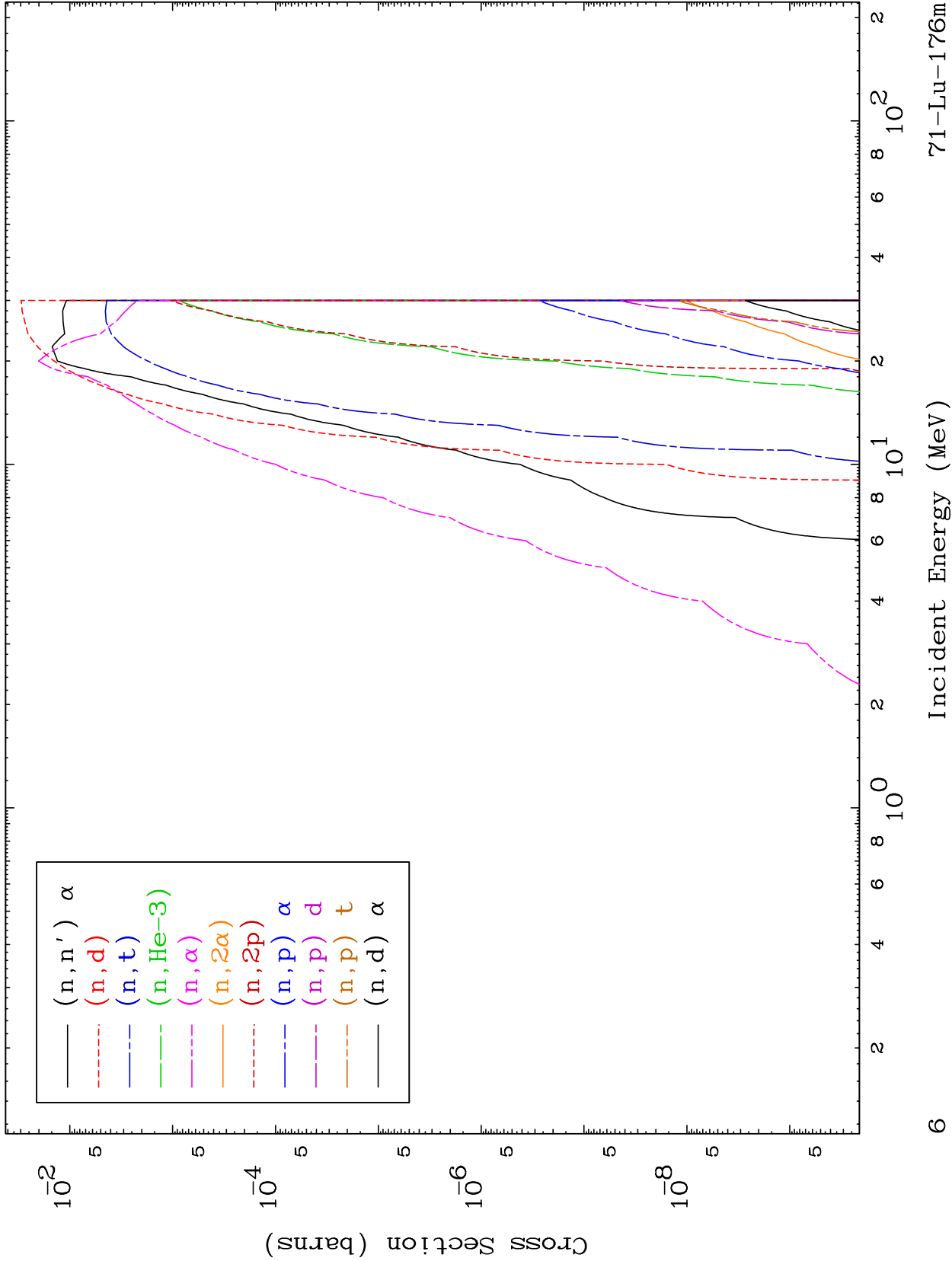


71-Lu-176m

Incident Energy (MeV)





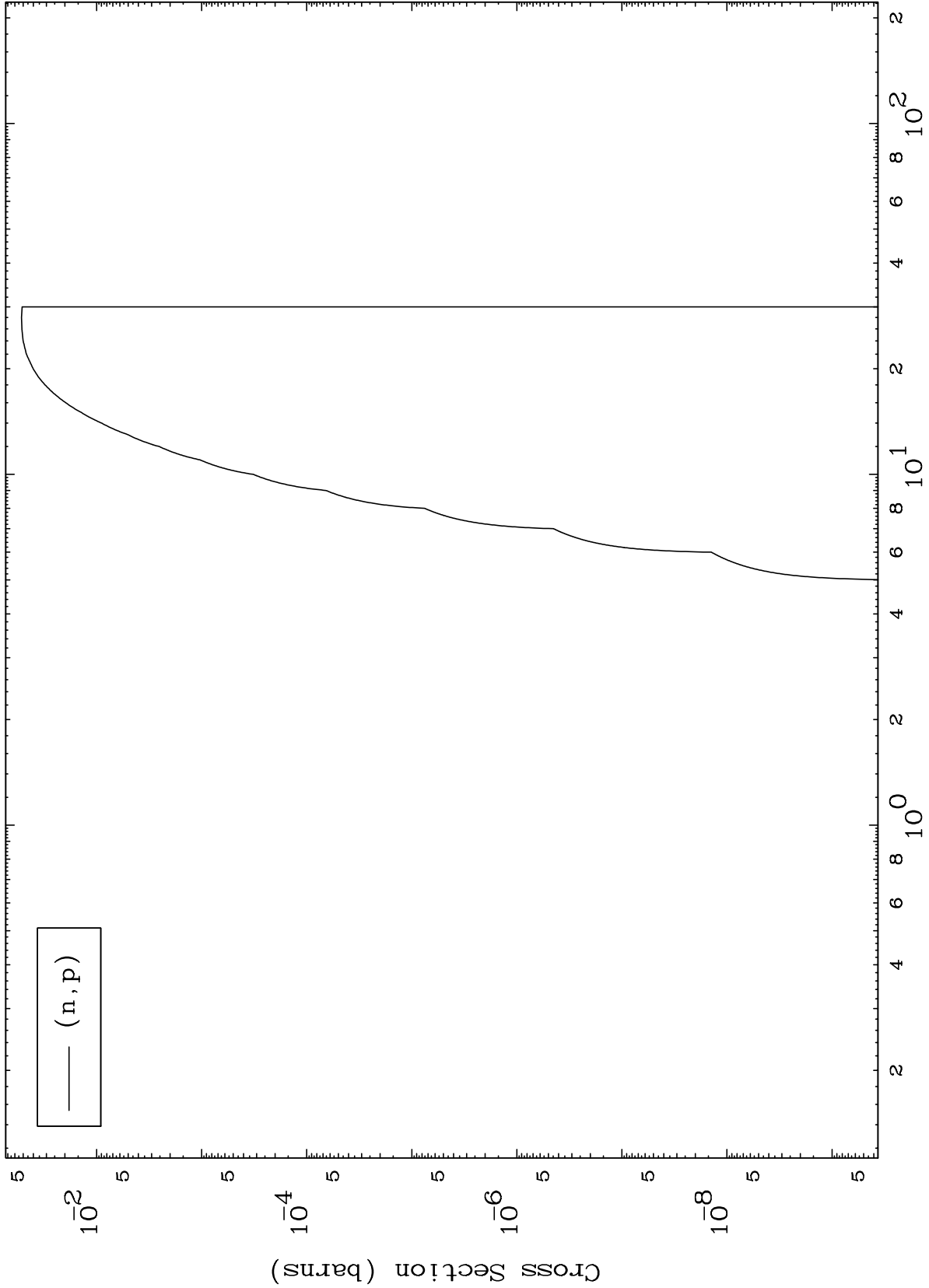


MAT 7129

(p,p) Levels

⁷¹Lu-176m

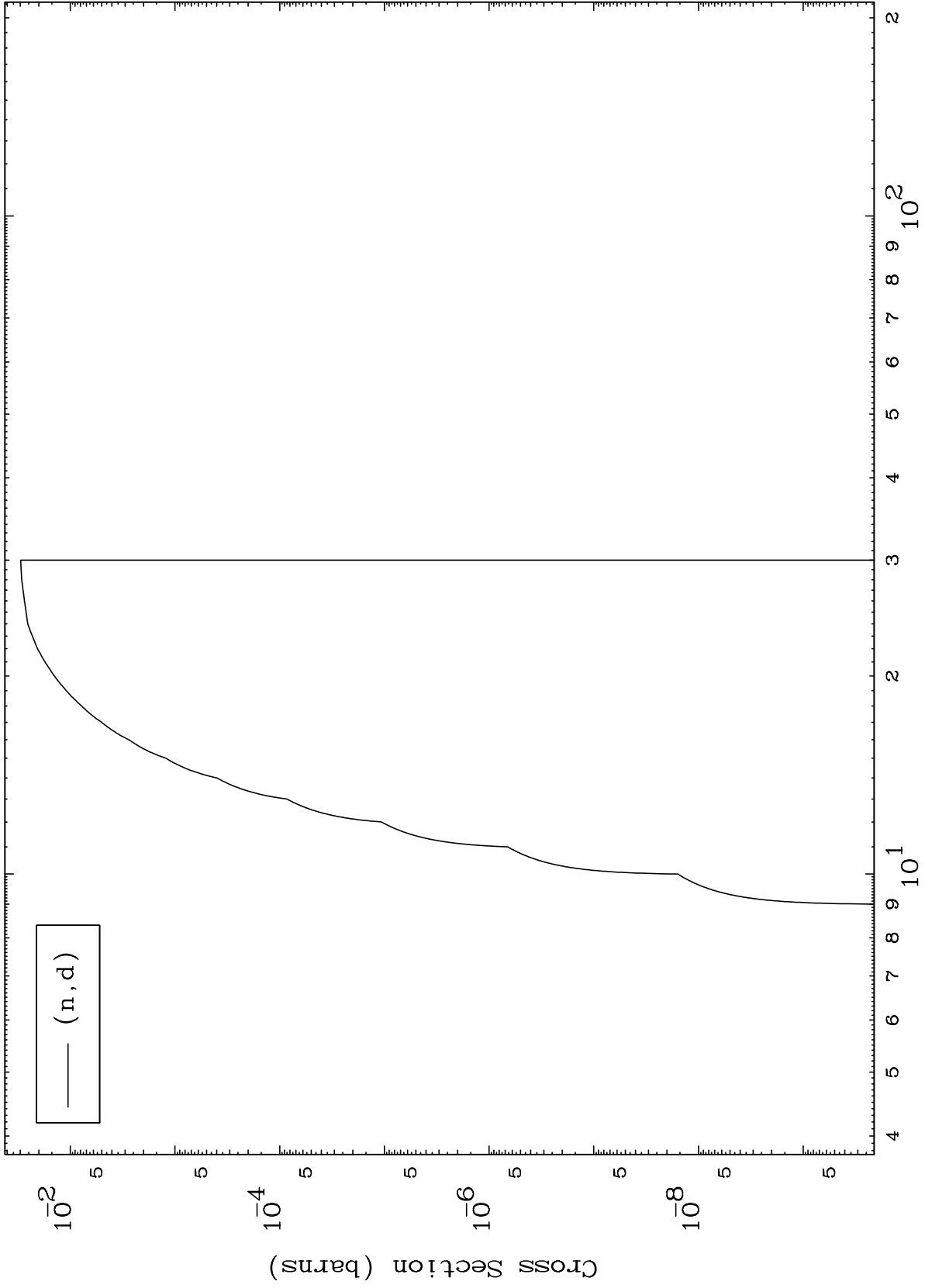
0 Kelvin Cross Sections



MAT 7129

(p,d) Levels
0 Kelvin Cross Sections

71-Lu-176m



8

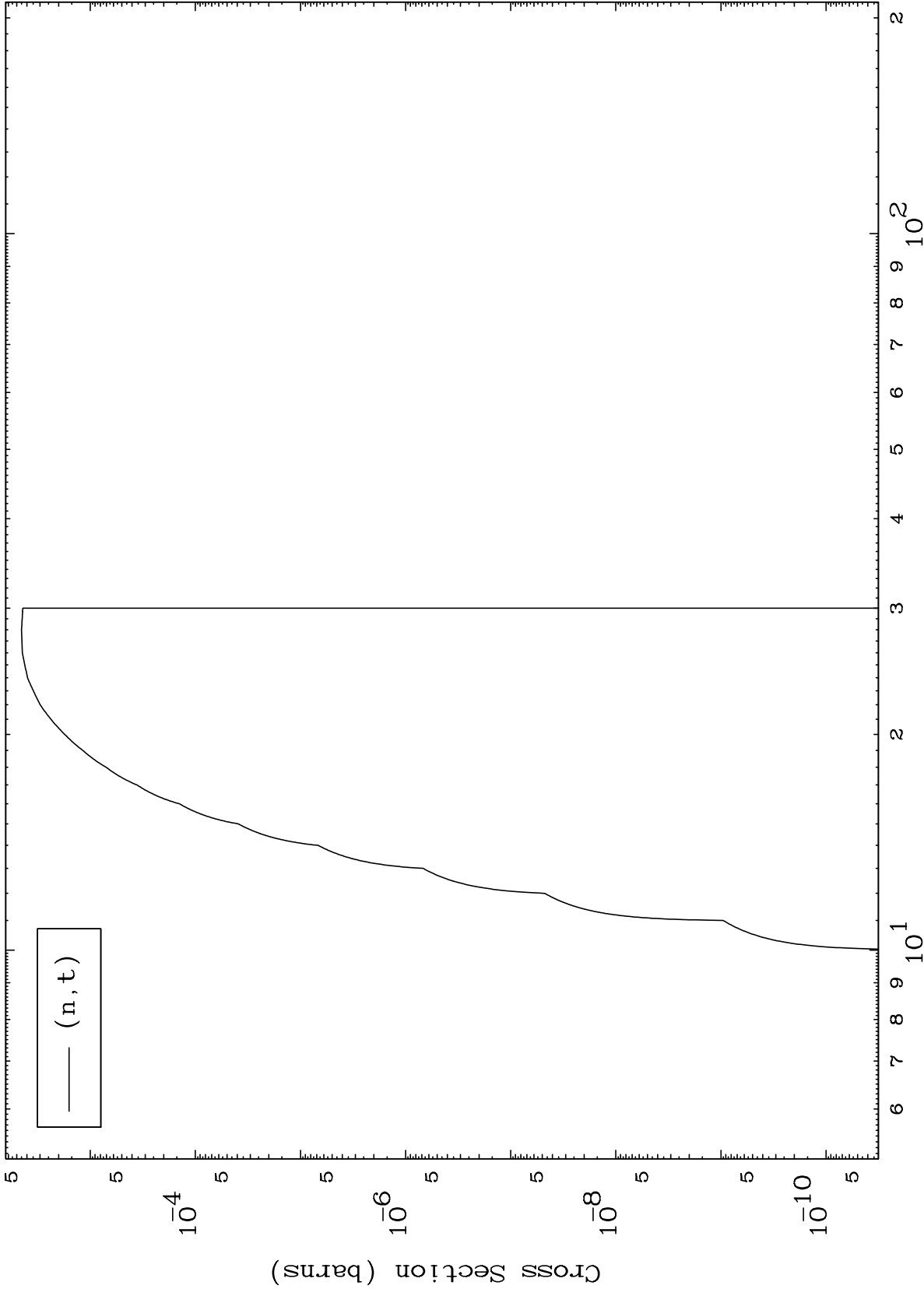
Incident Energy (MeV)

71-Lu-176m

MAT 7129

(p, t) Levels
0 Kelvin Cross Sections

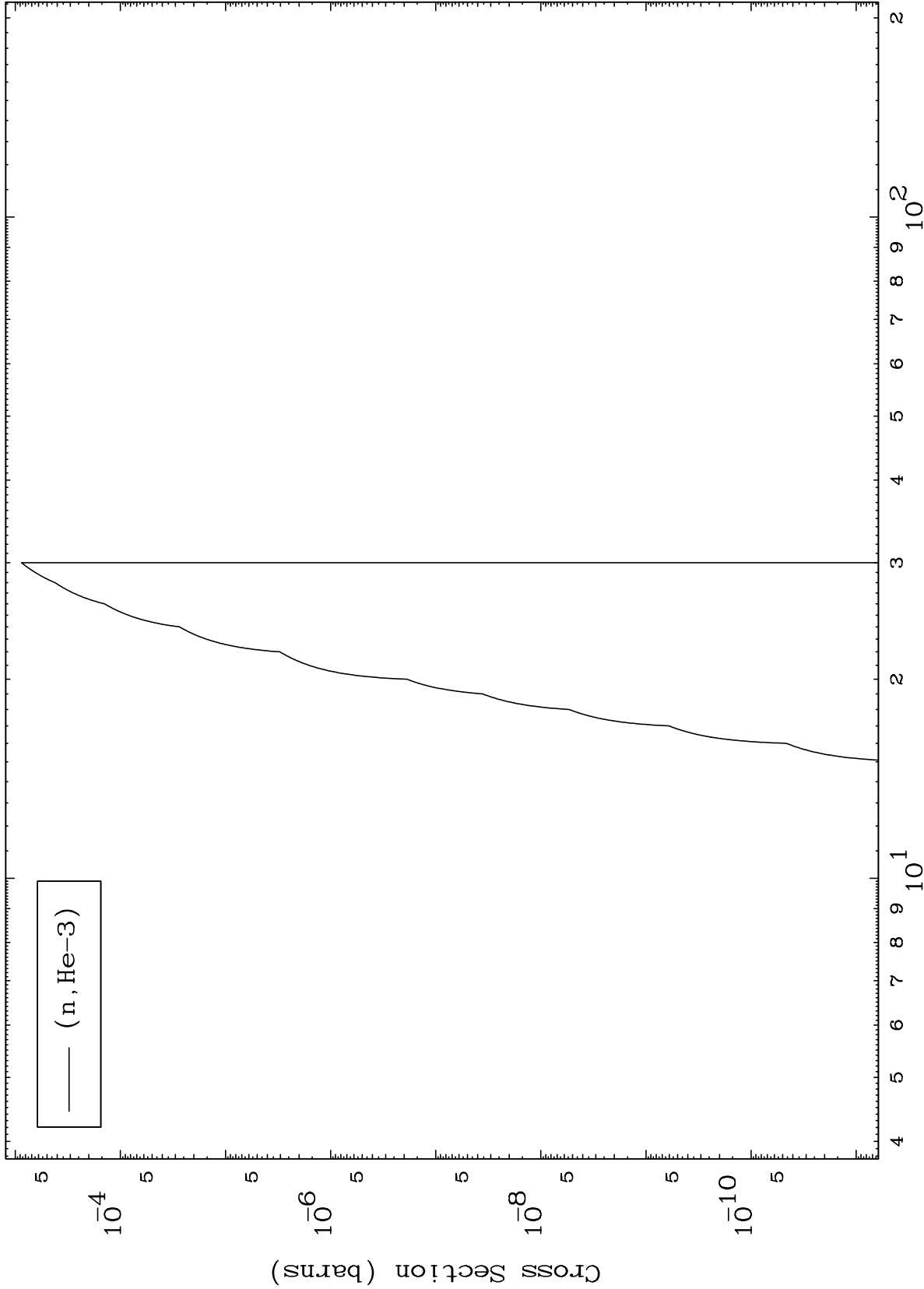
71-Lu-176m



MAT 7129

(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-176m



10

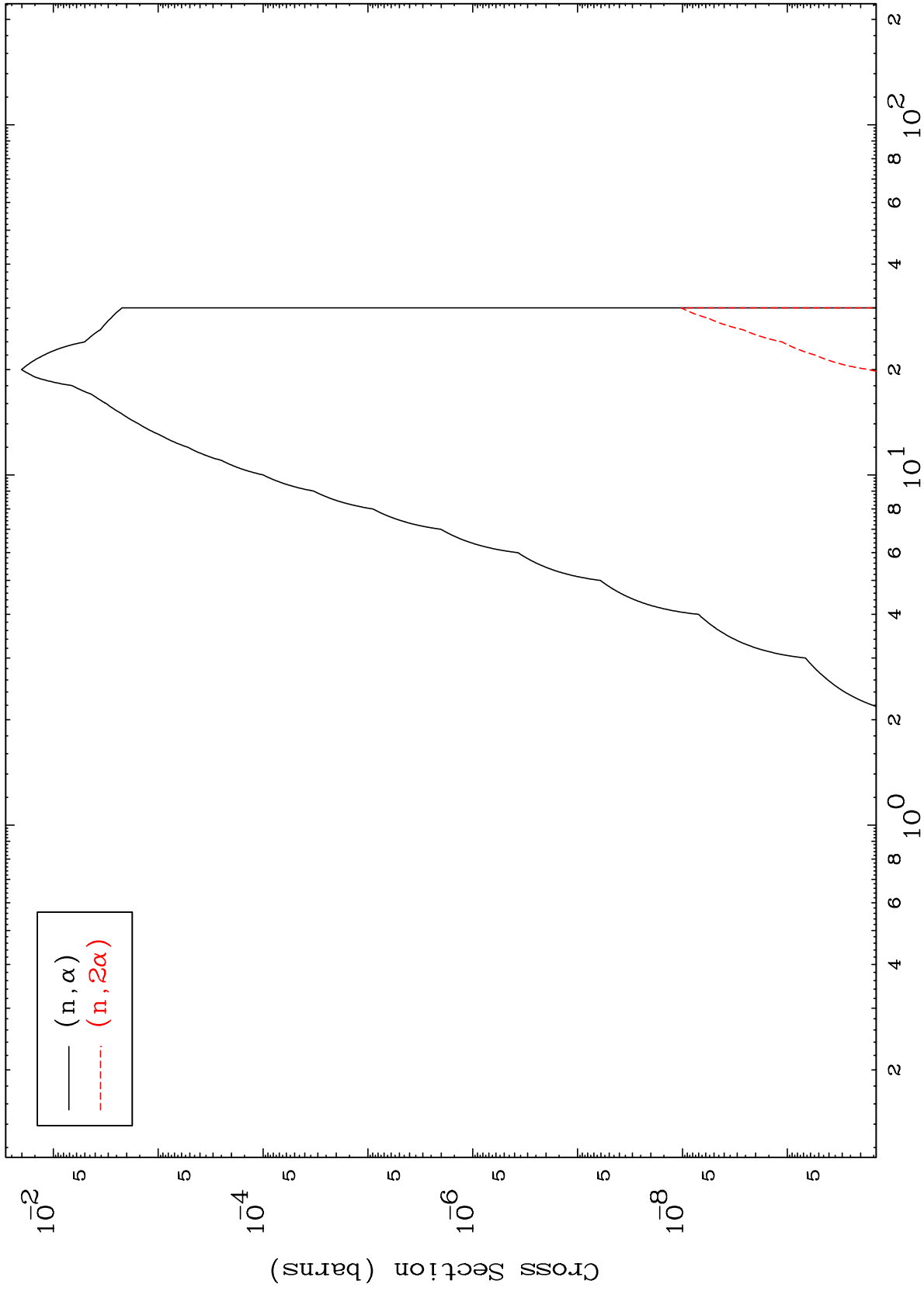
Incident Energy (MeV)

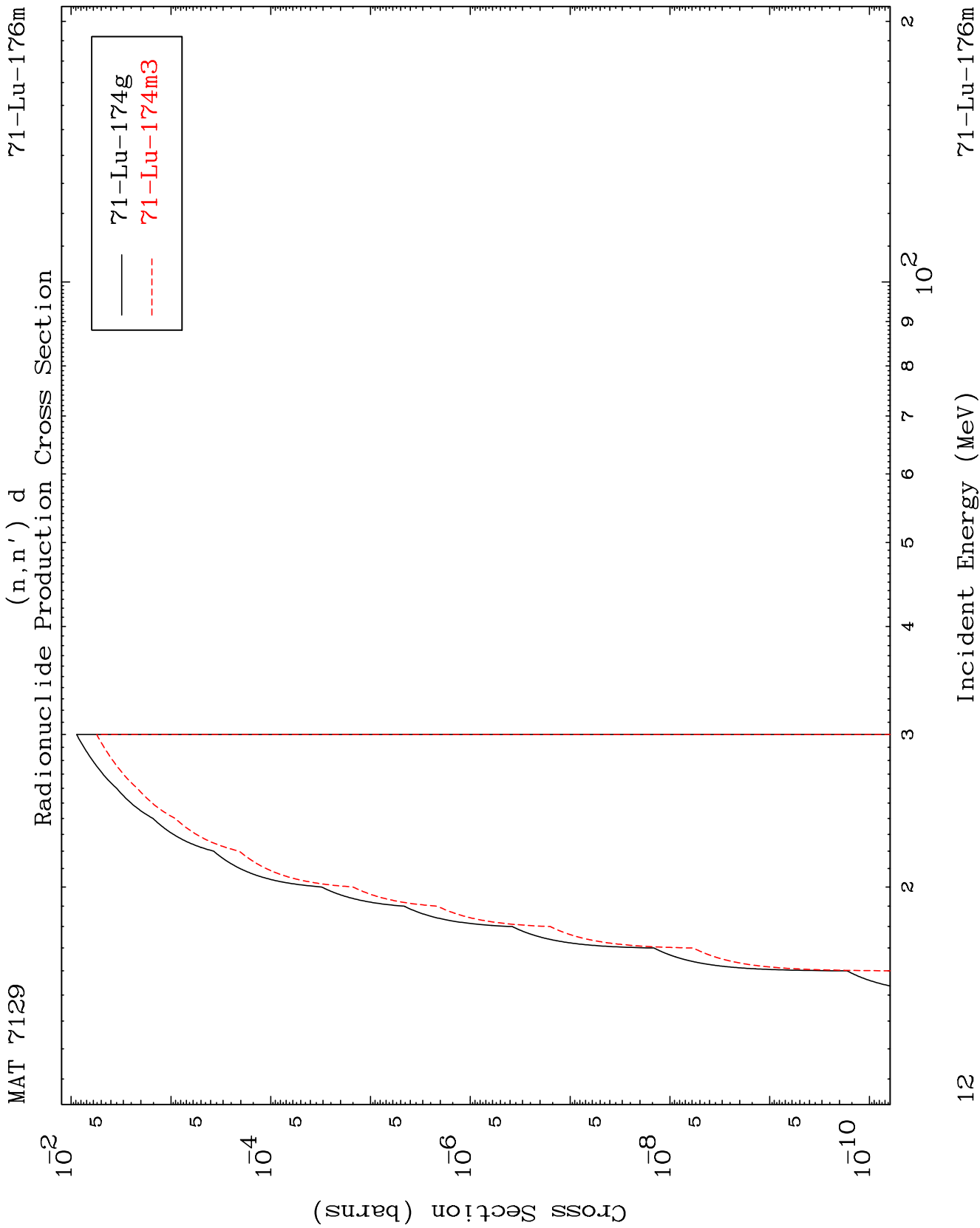
71-Lu-176m

MAT 7129

(p, α) Levels
0 Kelvin Cross Sections

71-Lu-176m



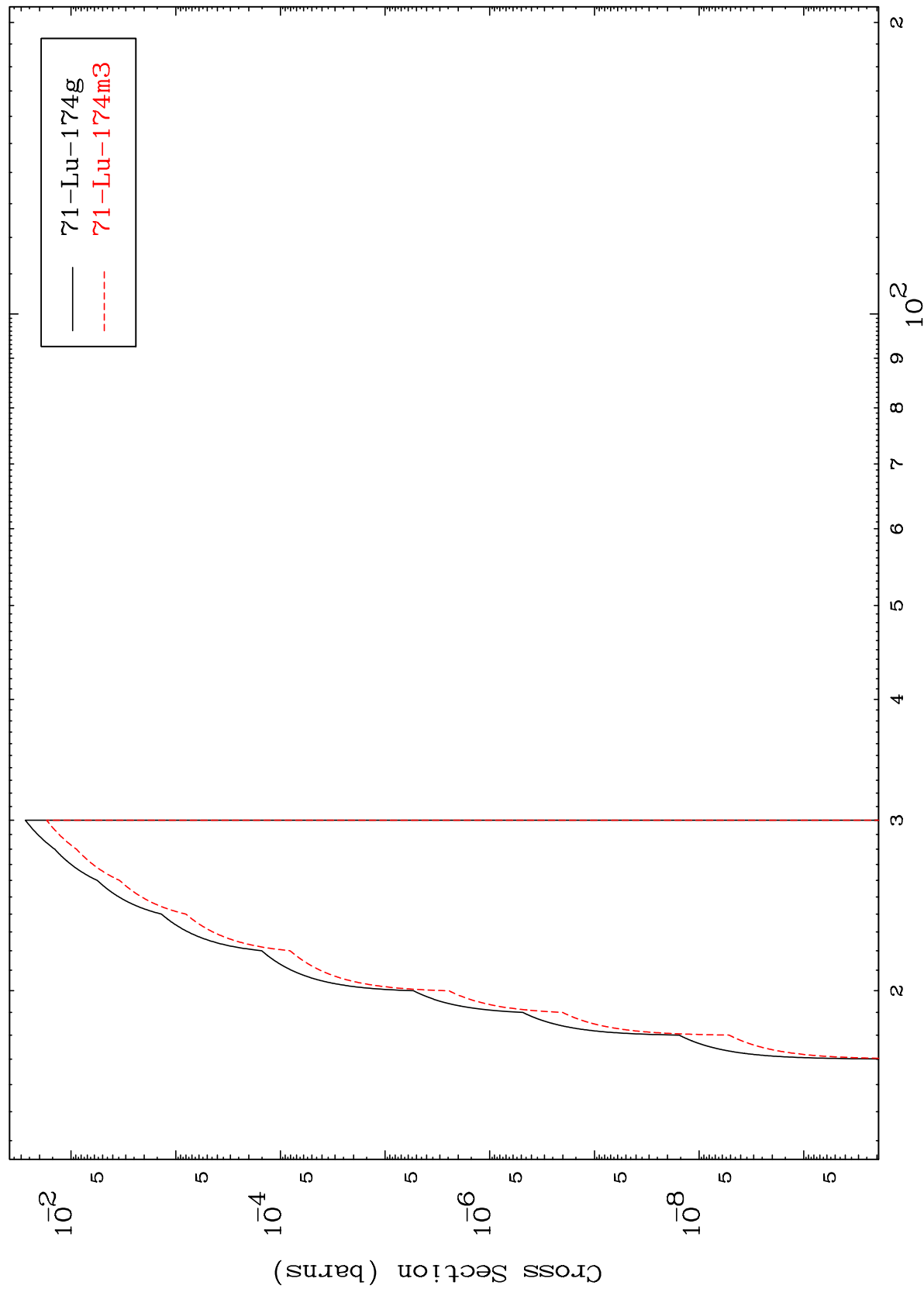


MAT 7129

71-Lu-176m

(n,2n) p

Radionuclide Production Cross Section



71-Lu-176m

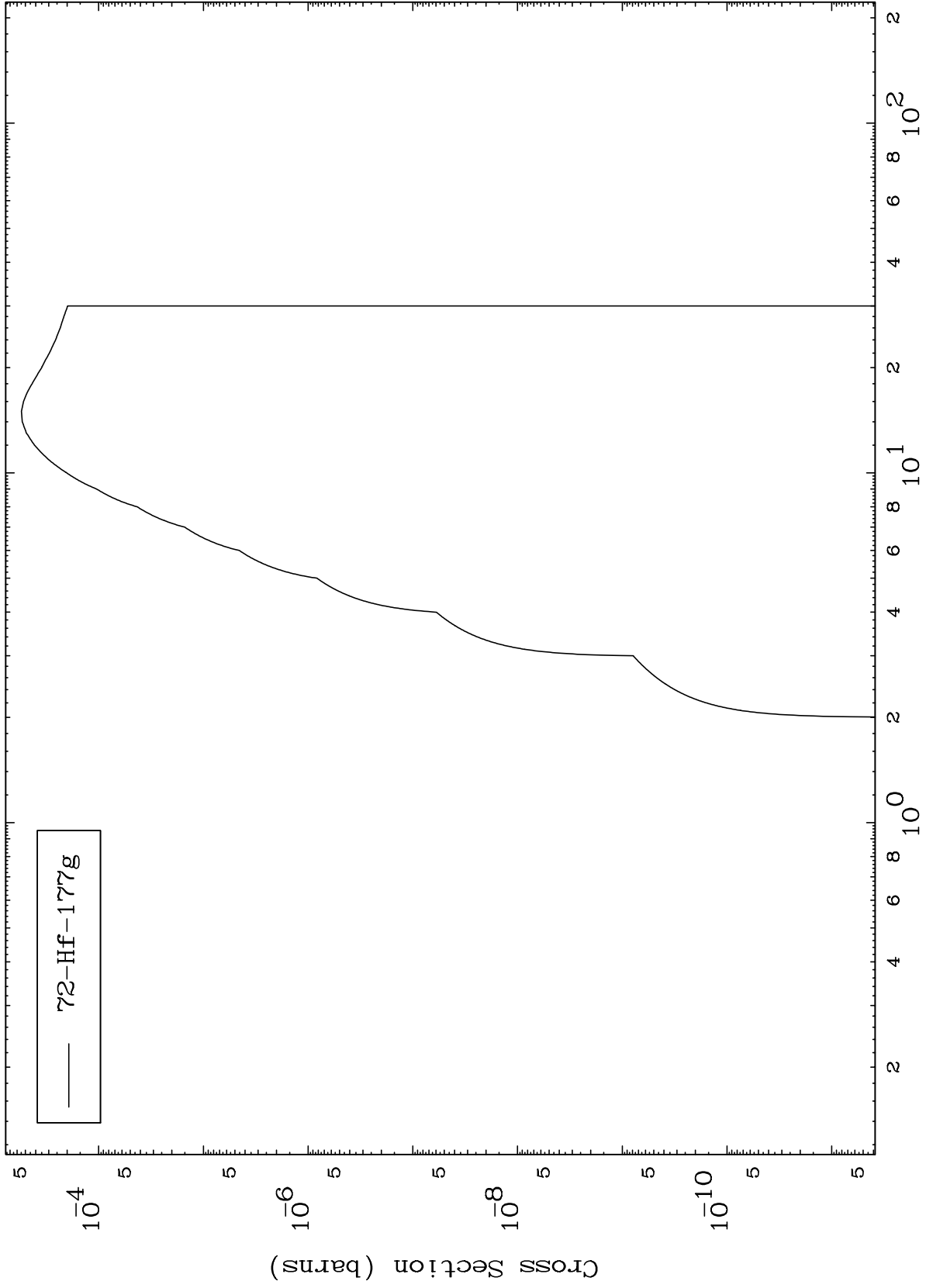
Incident Energy (MeV)

13

MAT 7129

71-Lu-176m

(n, γ)
Radionuclide Production Cross Section

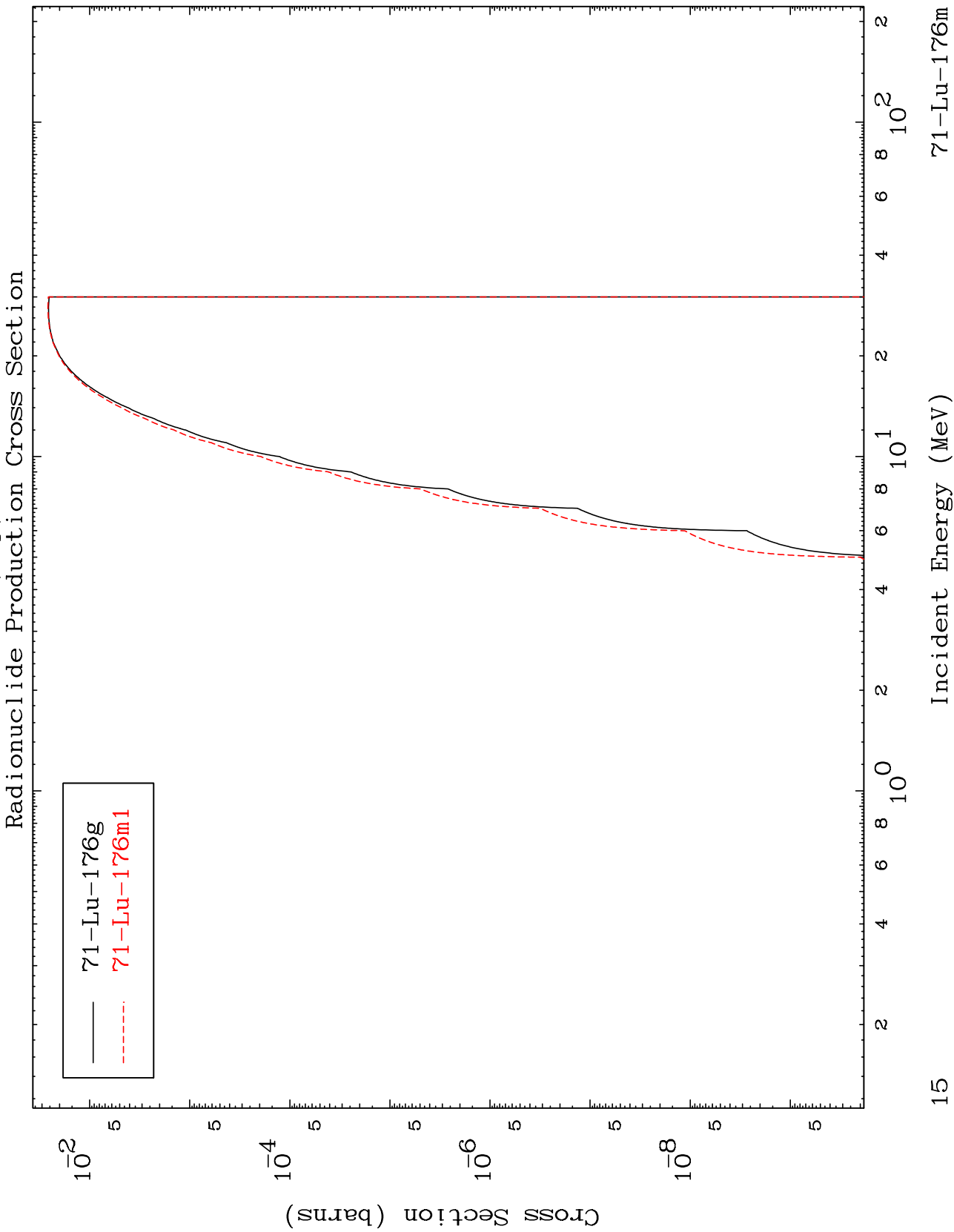


71-Lu-176m

Incident Energy (MeV)

MAT 7129

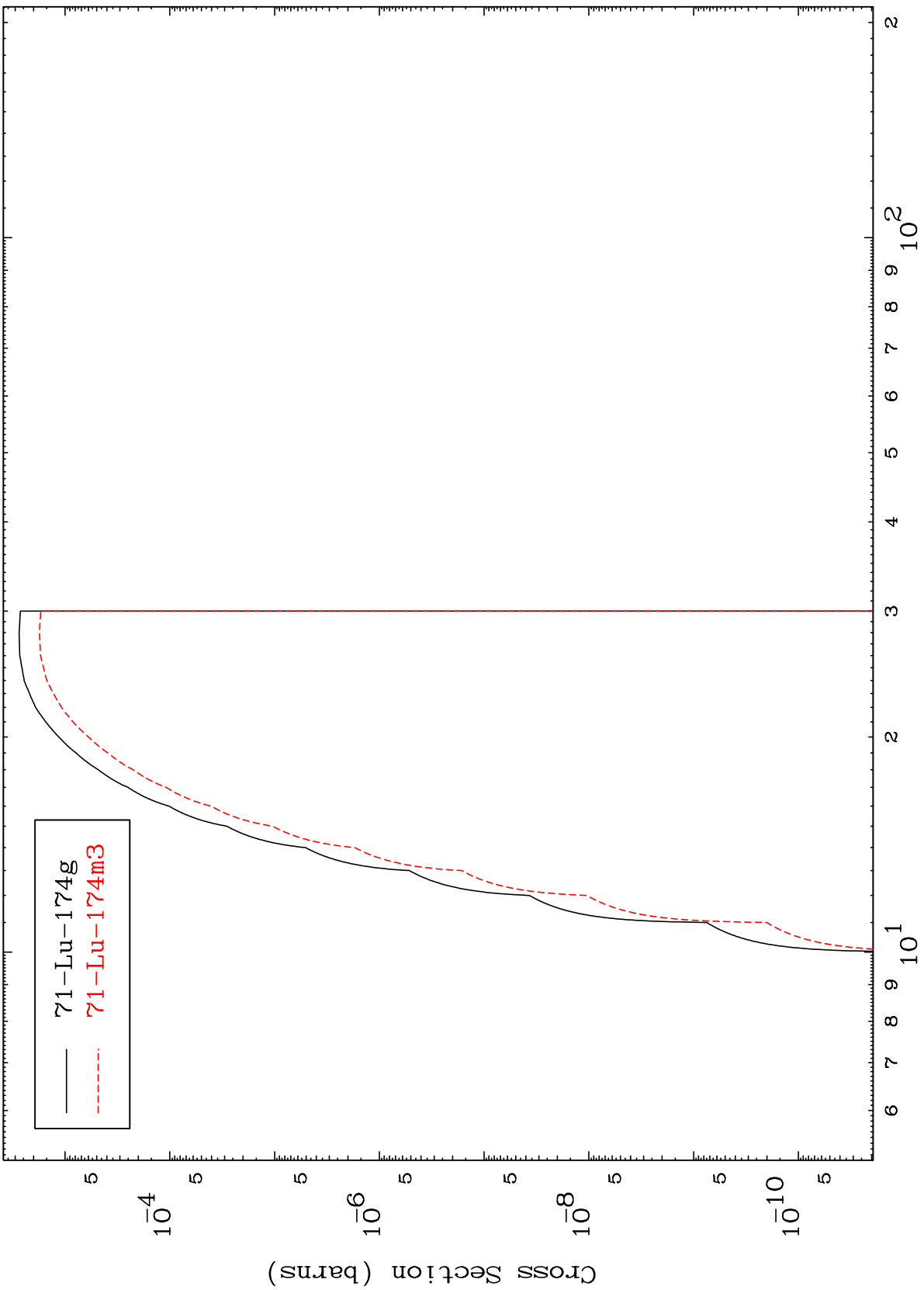
⁷¹Lu-176m



MAT 7129

⁷¹Lu-176m

Radionuclide Production Cross Section (n,t)



— ⁷¹Lu-174g
- - - ⁷¹Lu-174m3

16

Incident Energy (MeV)

⁷¹Lu-176m