

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

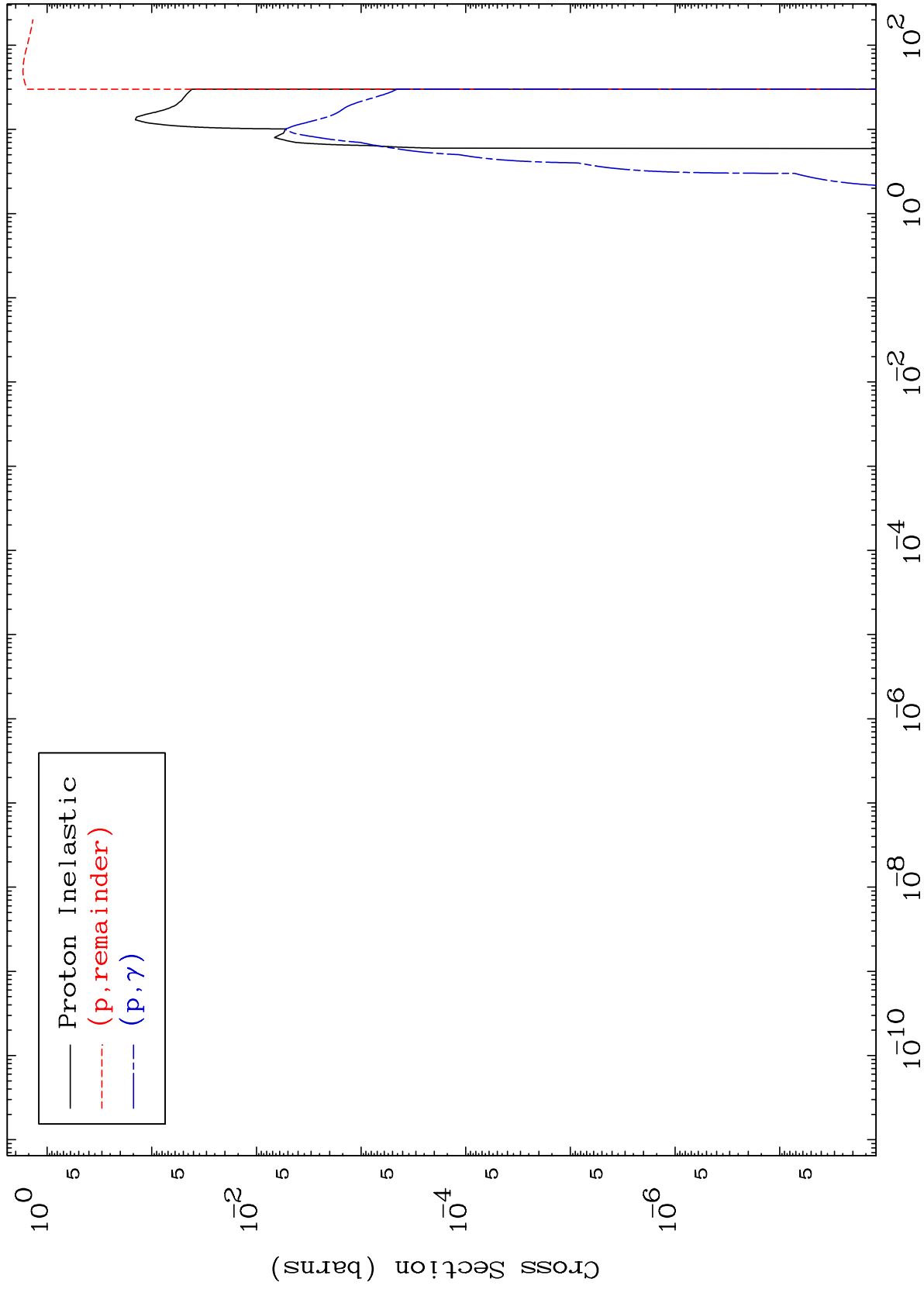
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7074

Proton Major
0 Kelvin Cross Sections

71-Lu-158



1

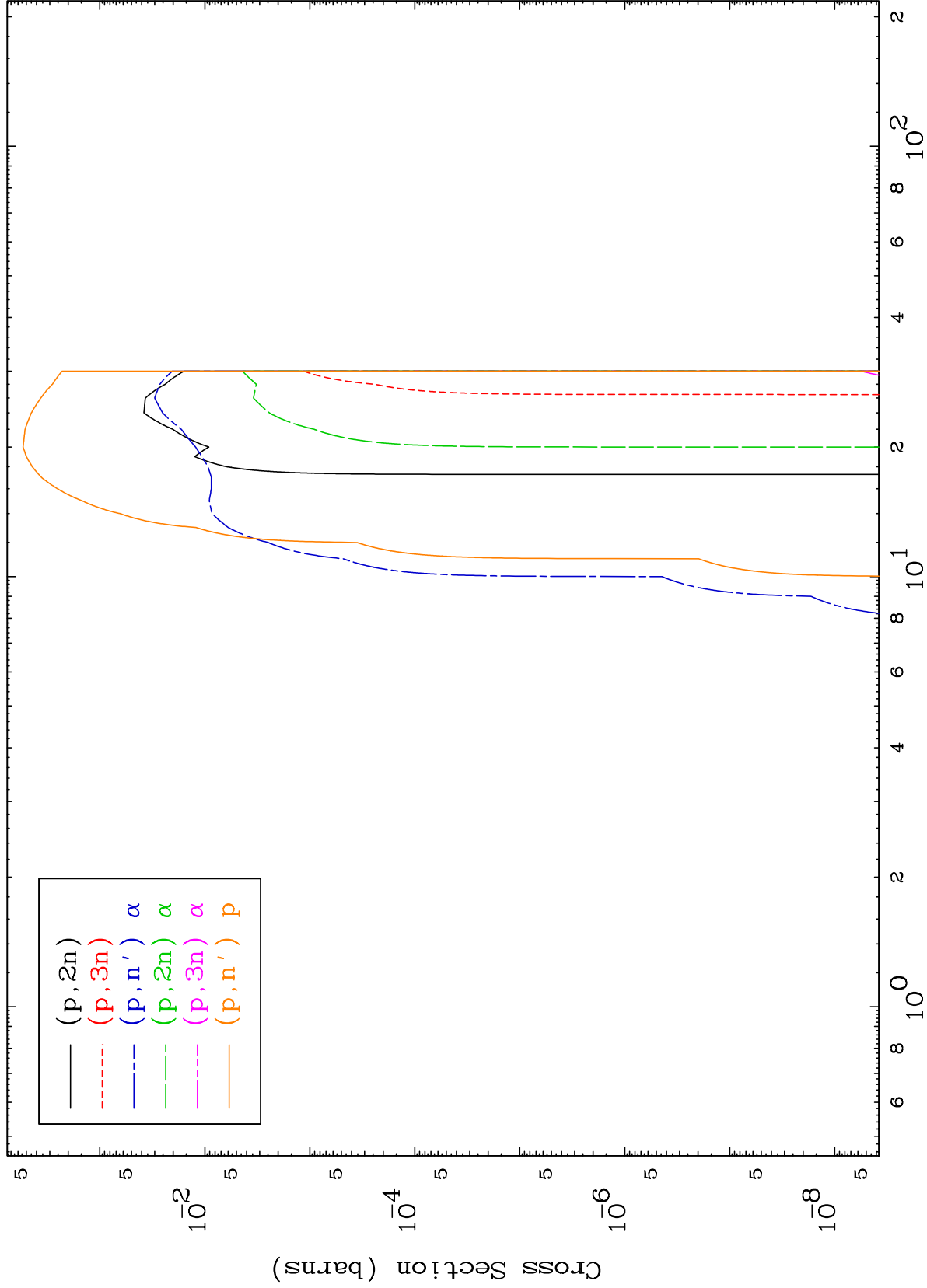
Incident Energy (MeV)

71-Lu-158

MAT 7074

Proton Neutron Production
0 Kelvin Cross Sections

71-Lu-158



2

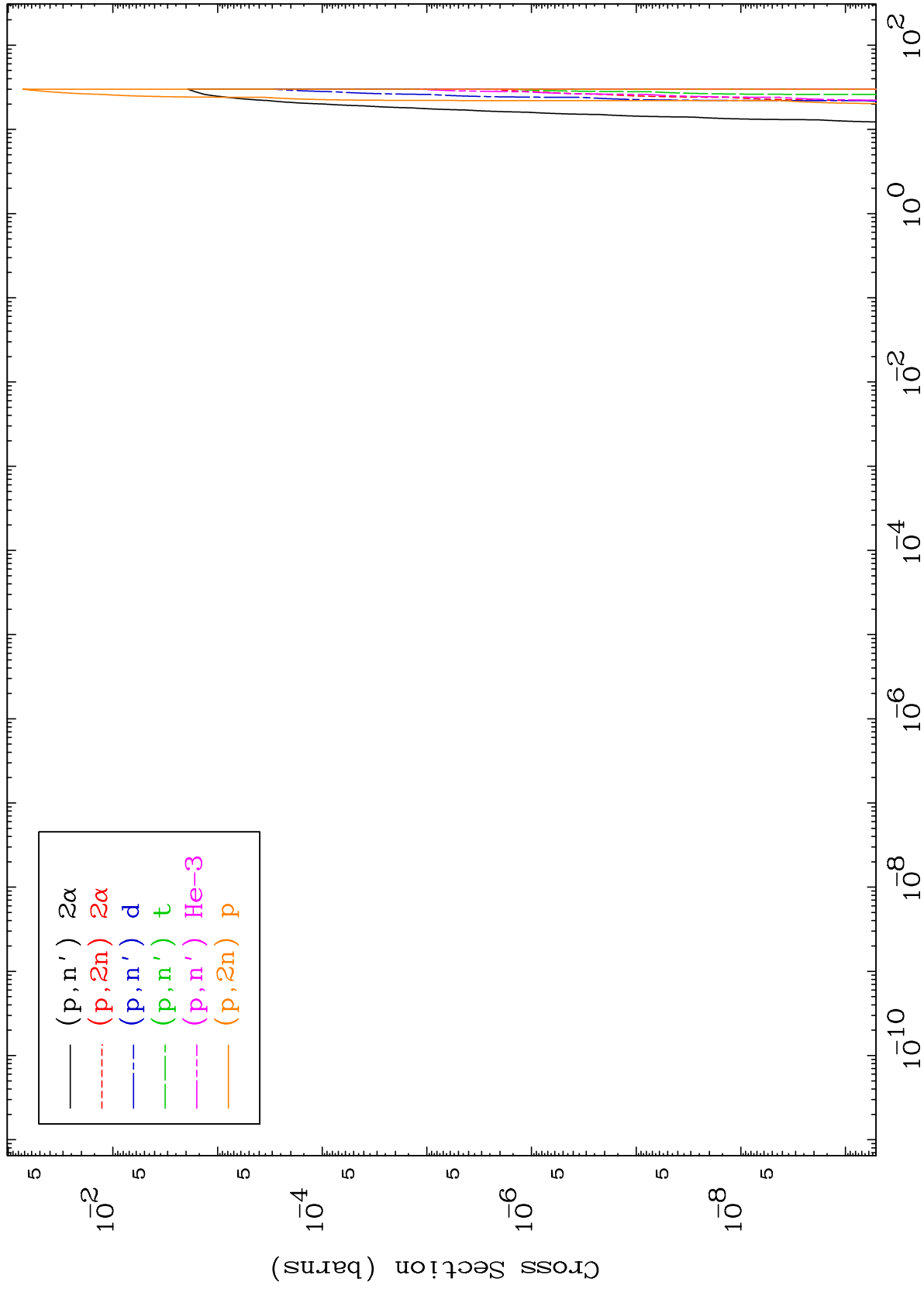
Incident Energy (MeV)

71-Lu-158

MAT 7074

Proton Neutron Production
0 Kelvin Cross Sections

71-Lu-158



3

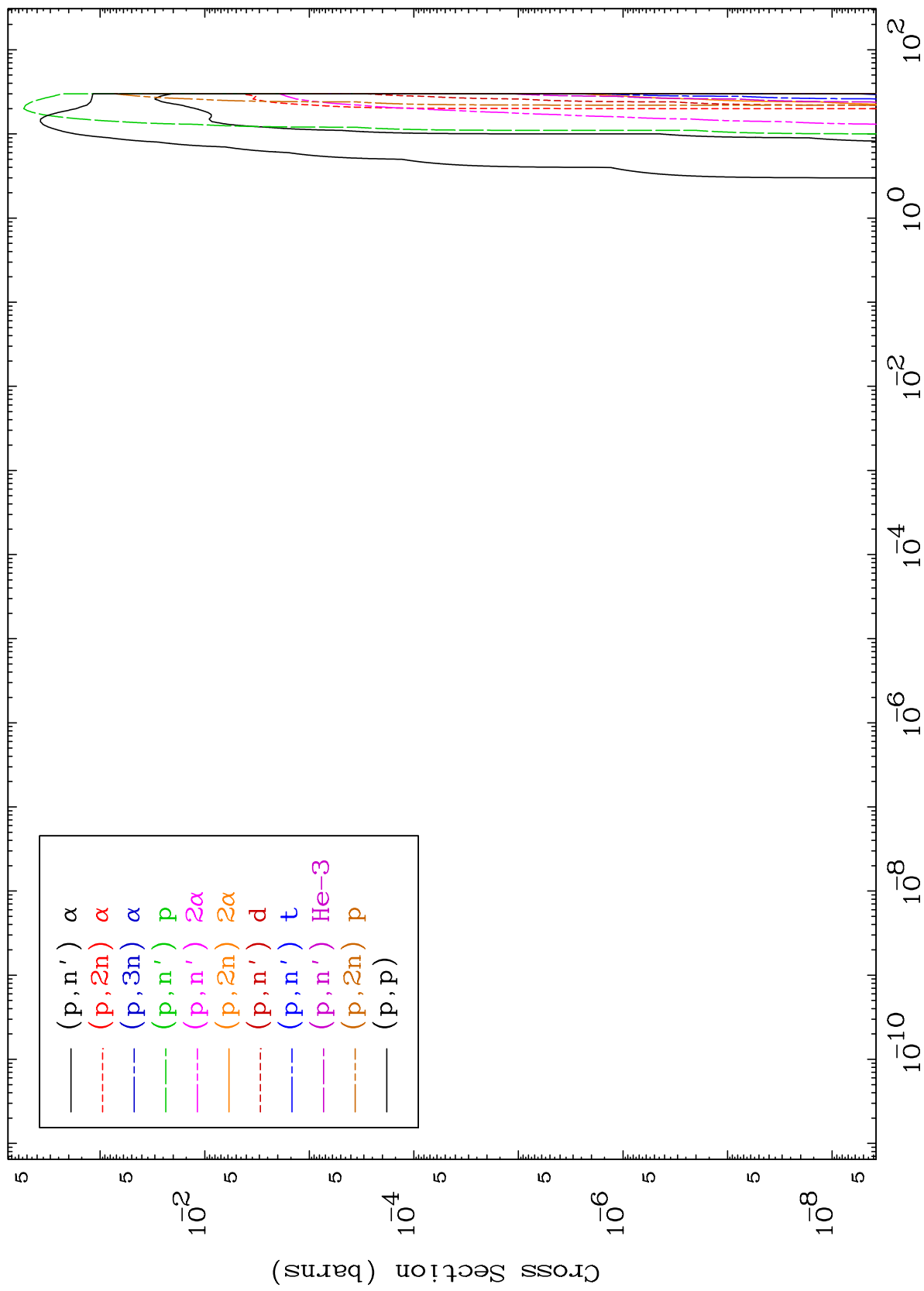
Incident Energy (MeV)

71-Lu-158

MAT 7074

Proton Charged Particle
0 Kelvin Cross Sections

71-Lu-158

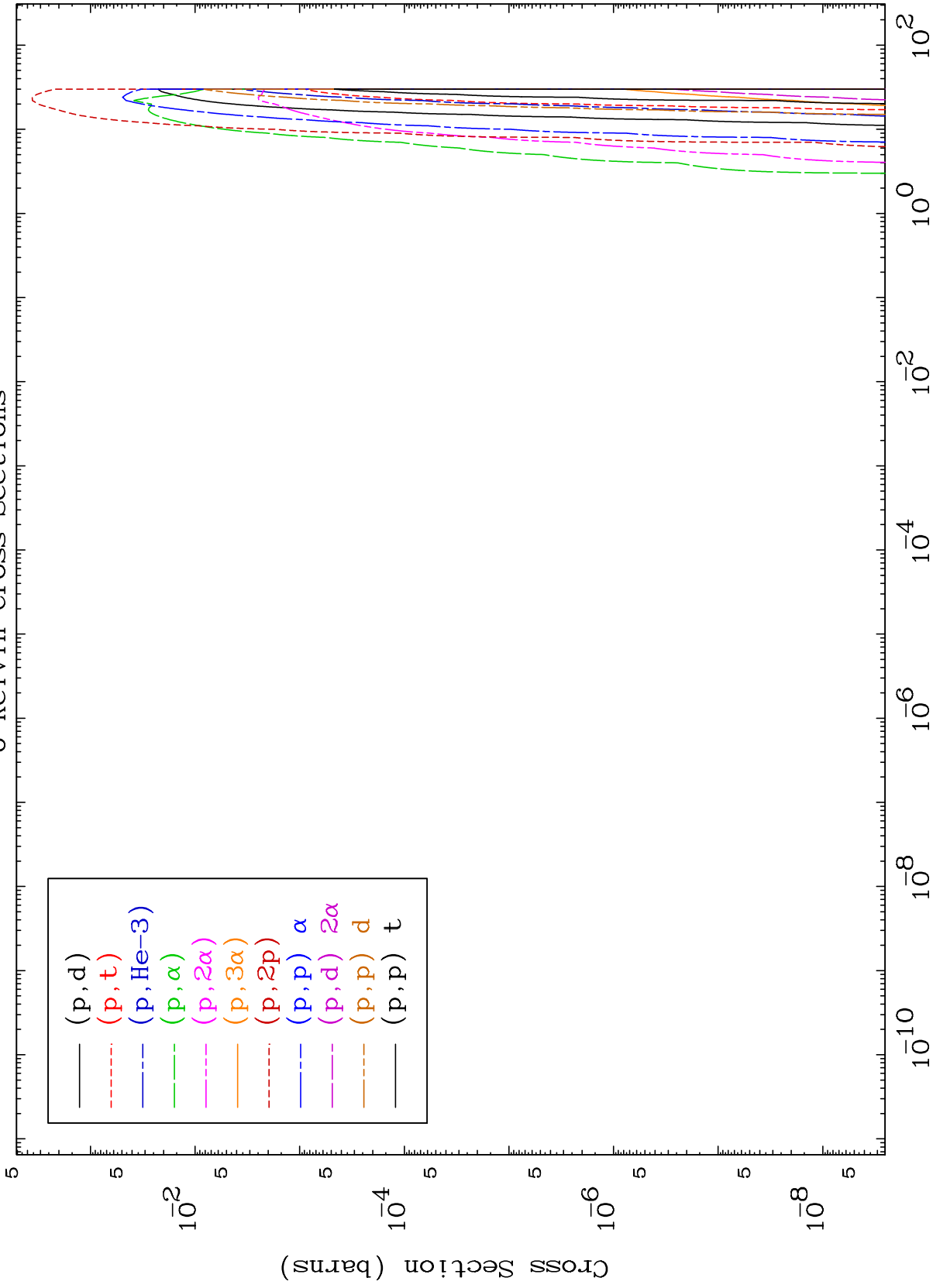


71-Lu-158

MAT 7074

Proton Charged Particle
0 Kelvin Cross Sections

71-Lu-158



5

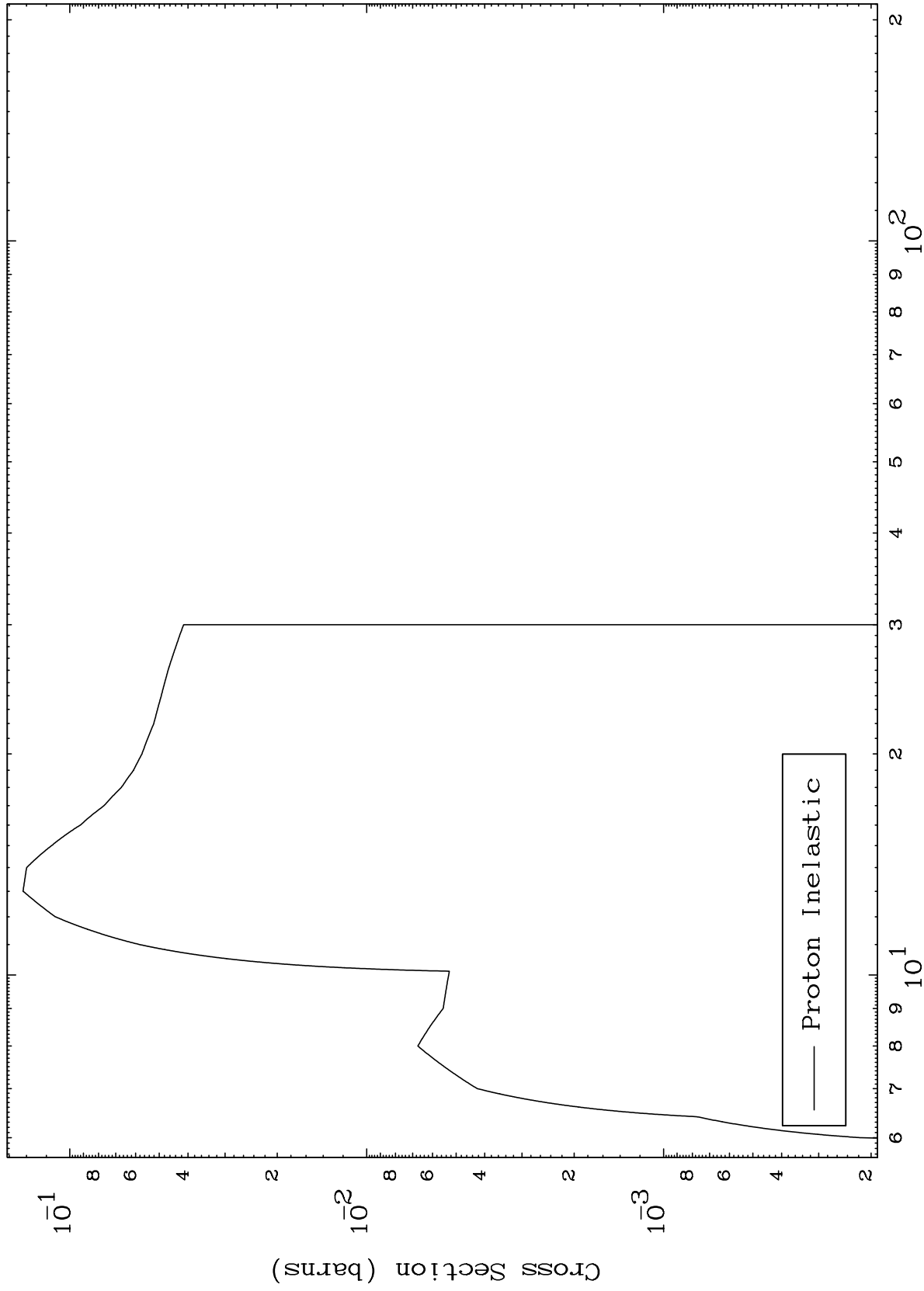
Incident Energy (MeV)

71-Lu-158

MAT 7074

71-Lu-158

(p,n') Level
0 Kelvin Cross Sections



6

Incident Energy (MeV)

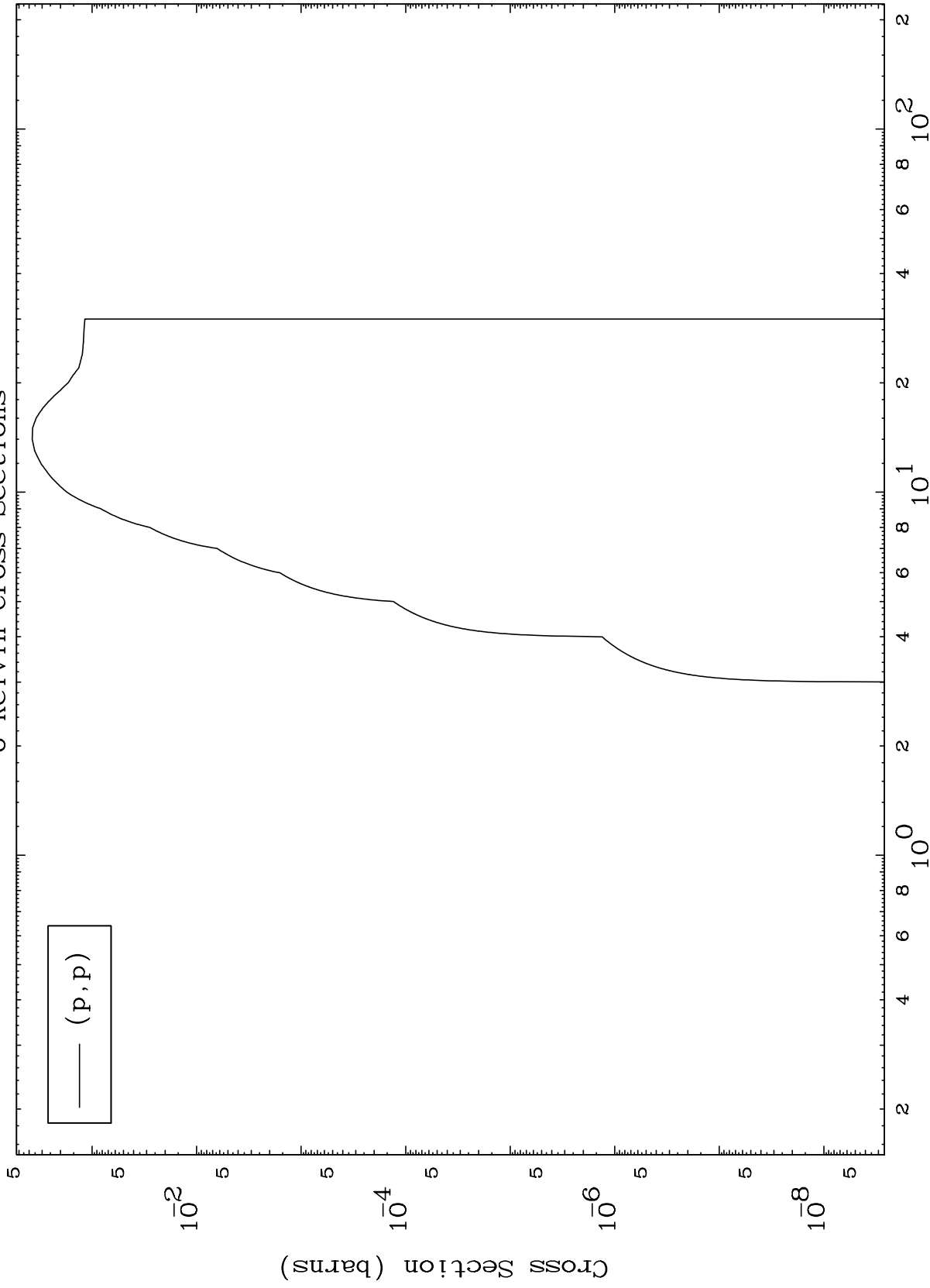
71-Lu-158

MAT 7074

(p,p) Levels

71-Lu-158

0 Kelvin Cross Sections



7

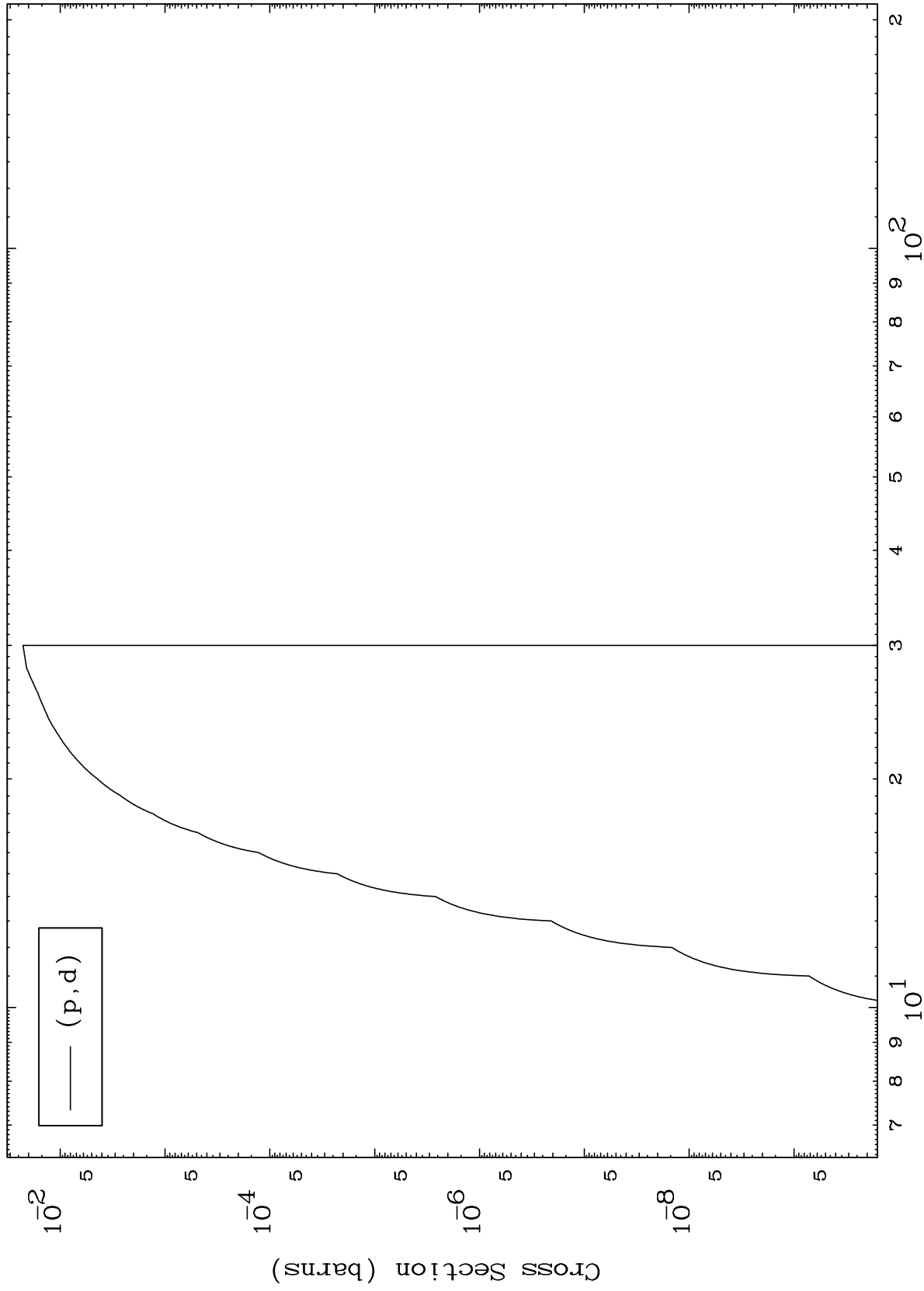
Incident Energy (MeV)

71-Lu-158

MAT 7074

71-Lu-158

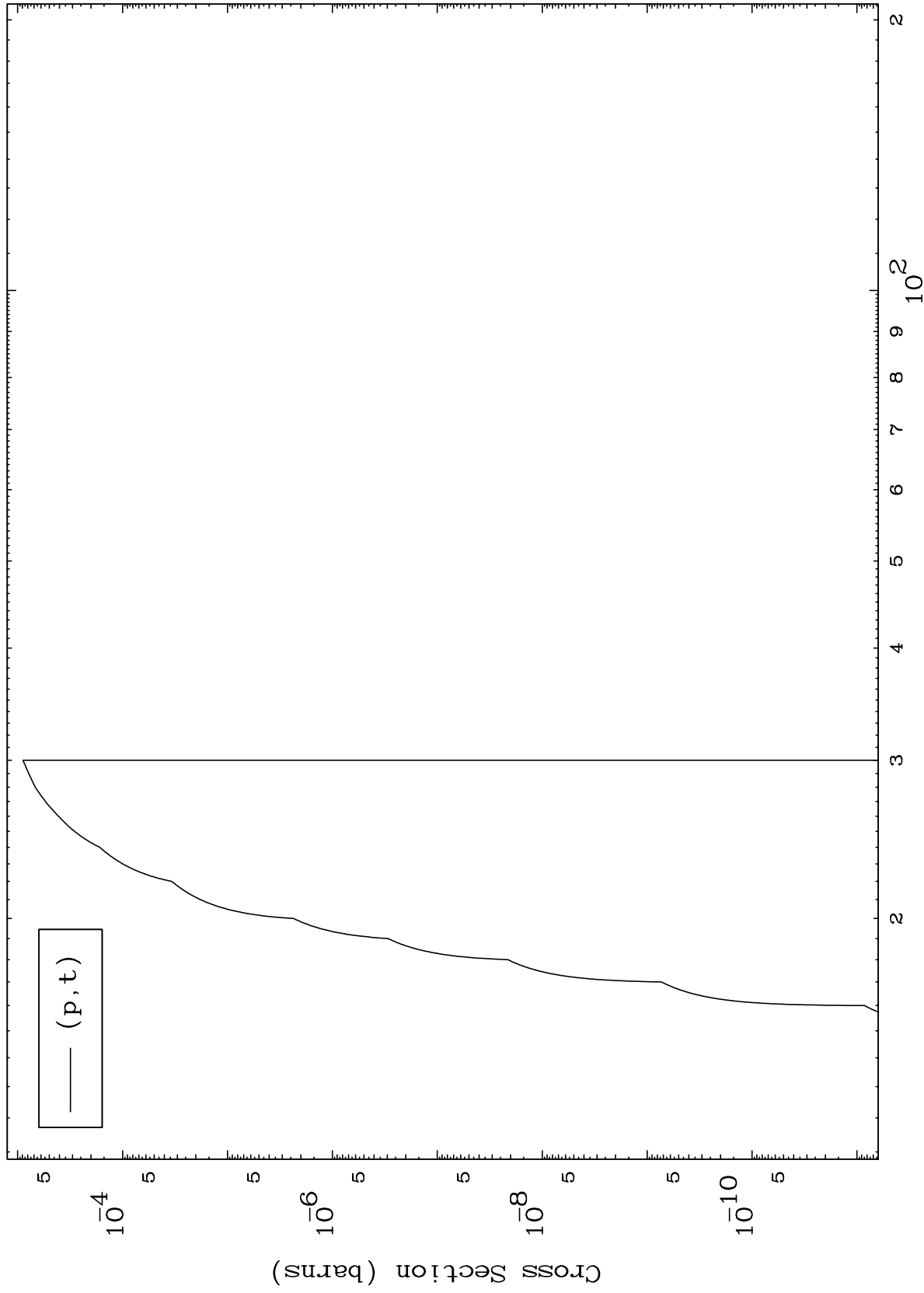
(p,d) Levels
0 Kelvin Cross Sections



8

71-Lu-158

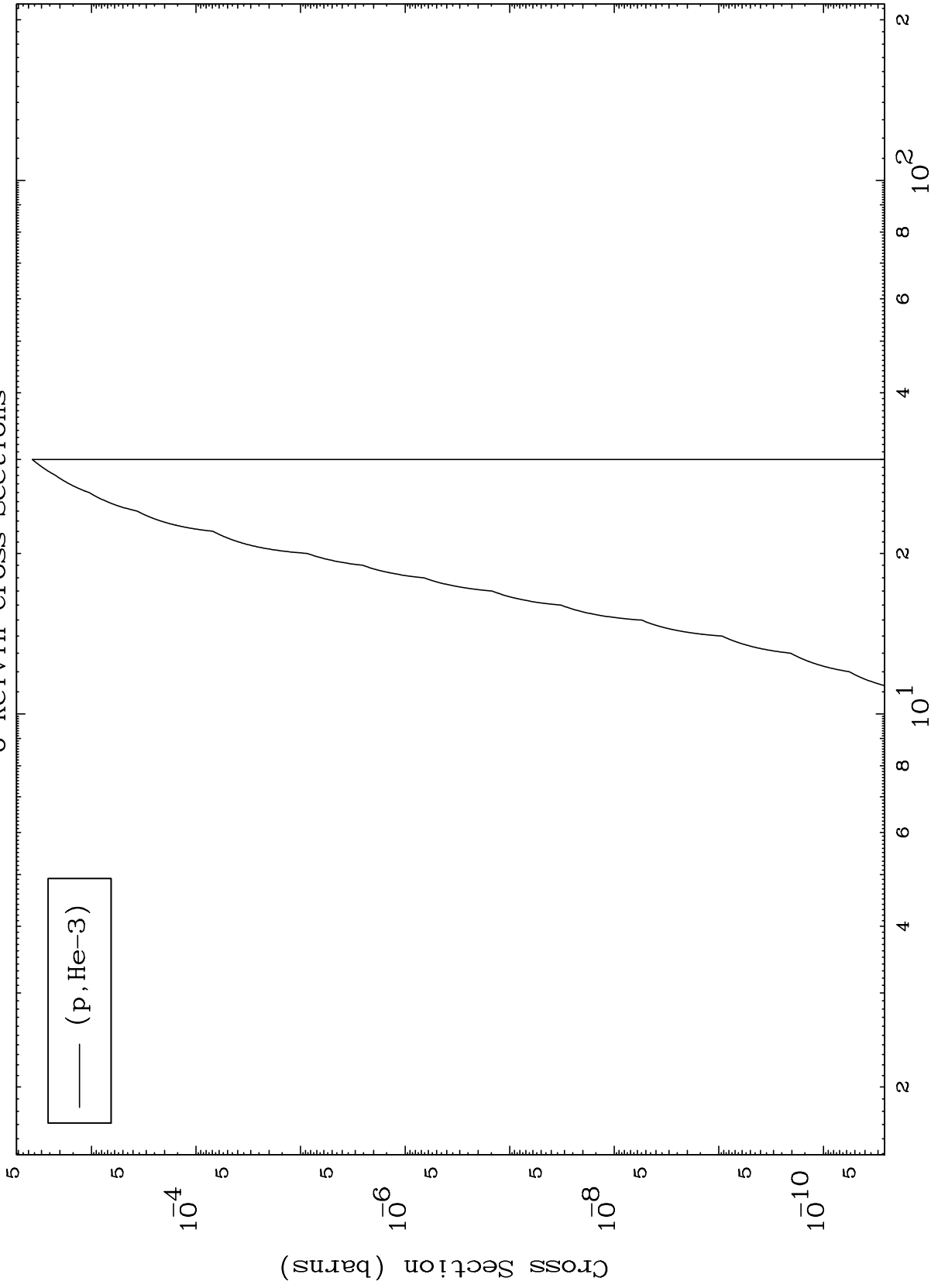
(p,t) Levels
0 Kelvin Cross Sections



MAT 7074

(p,He3) Levels
0 Kelvin Cross Sections

71-Lu-158



10

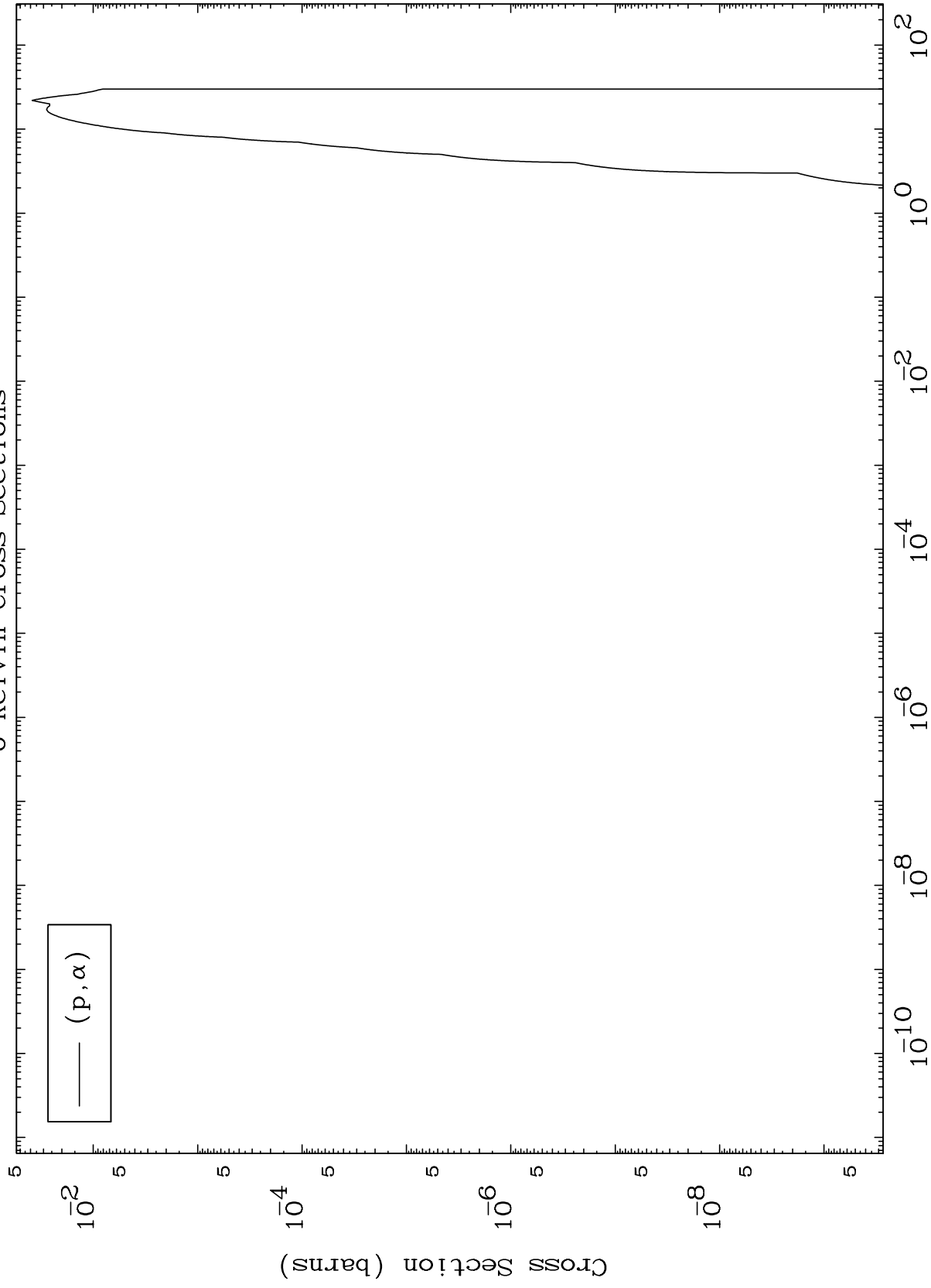
Incident Energy (MeV)

71-Lu-158

MAT 7074

(p, α) Levels
0 Kelvin Cross Sections

71-Lu-158



11

Incident Energy (MeV)

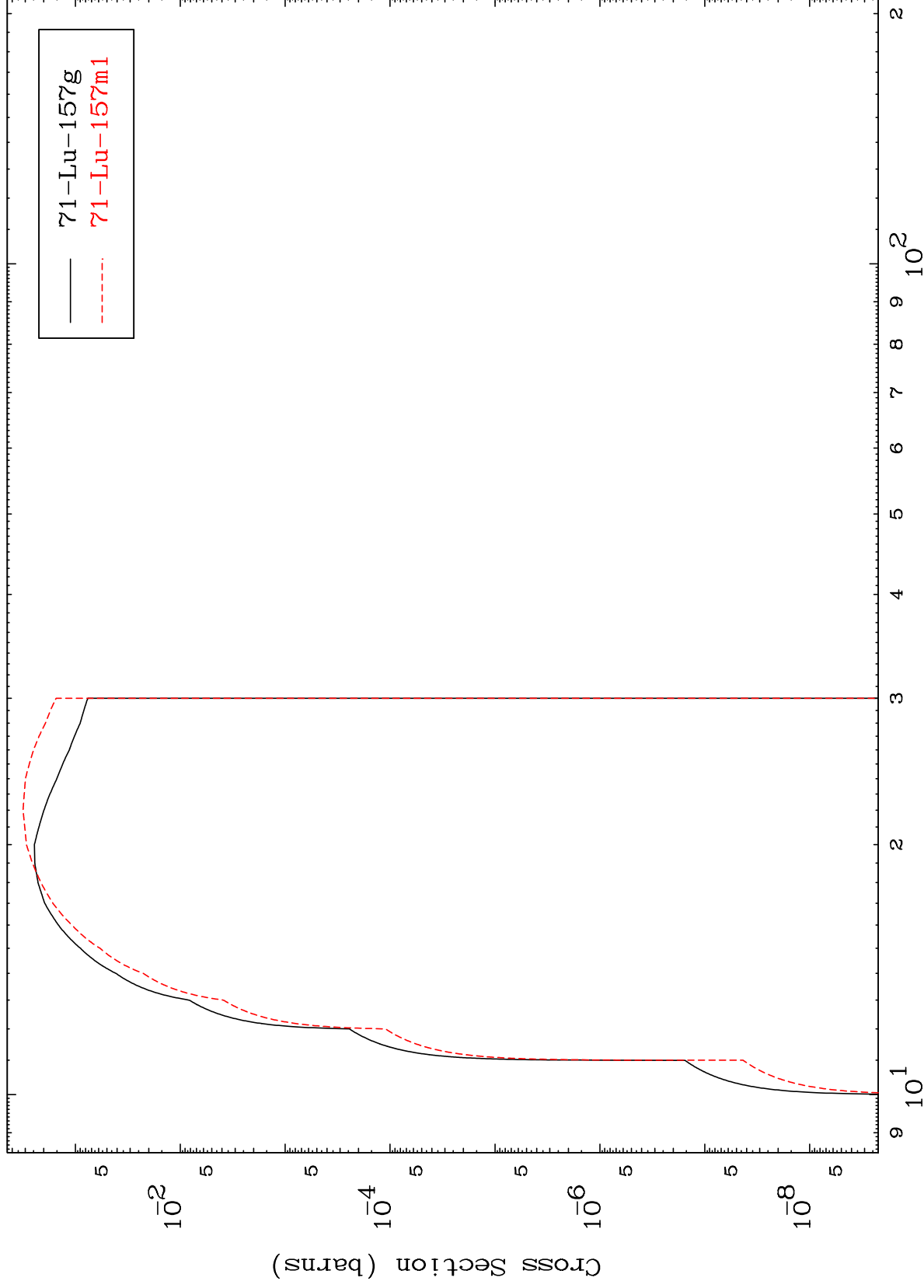
71-Lu-158

MAT 7074

(p,n') p

⁷¹Lu-158

Radionuclide Production Cross Section



12

Incident Energy (MeV)

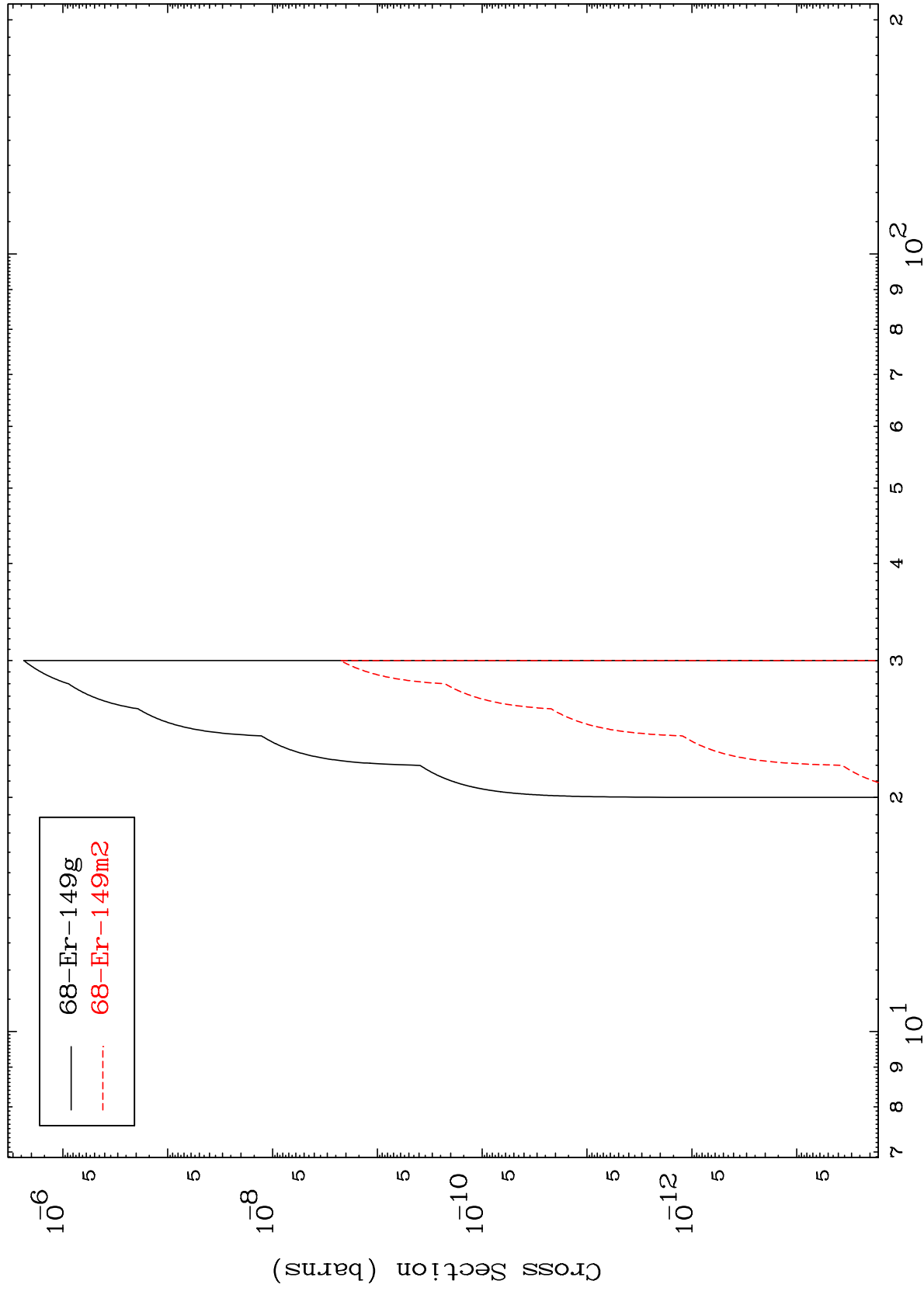
⁷¹Lu-158

MAT 7074

(p,2n) 2 α

71-Lu-158

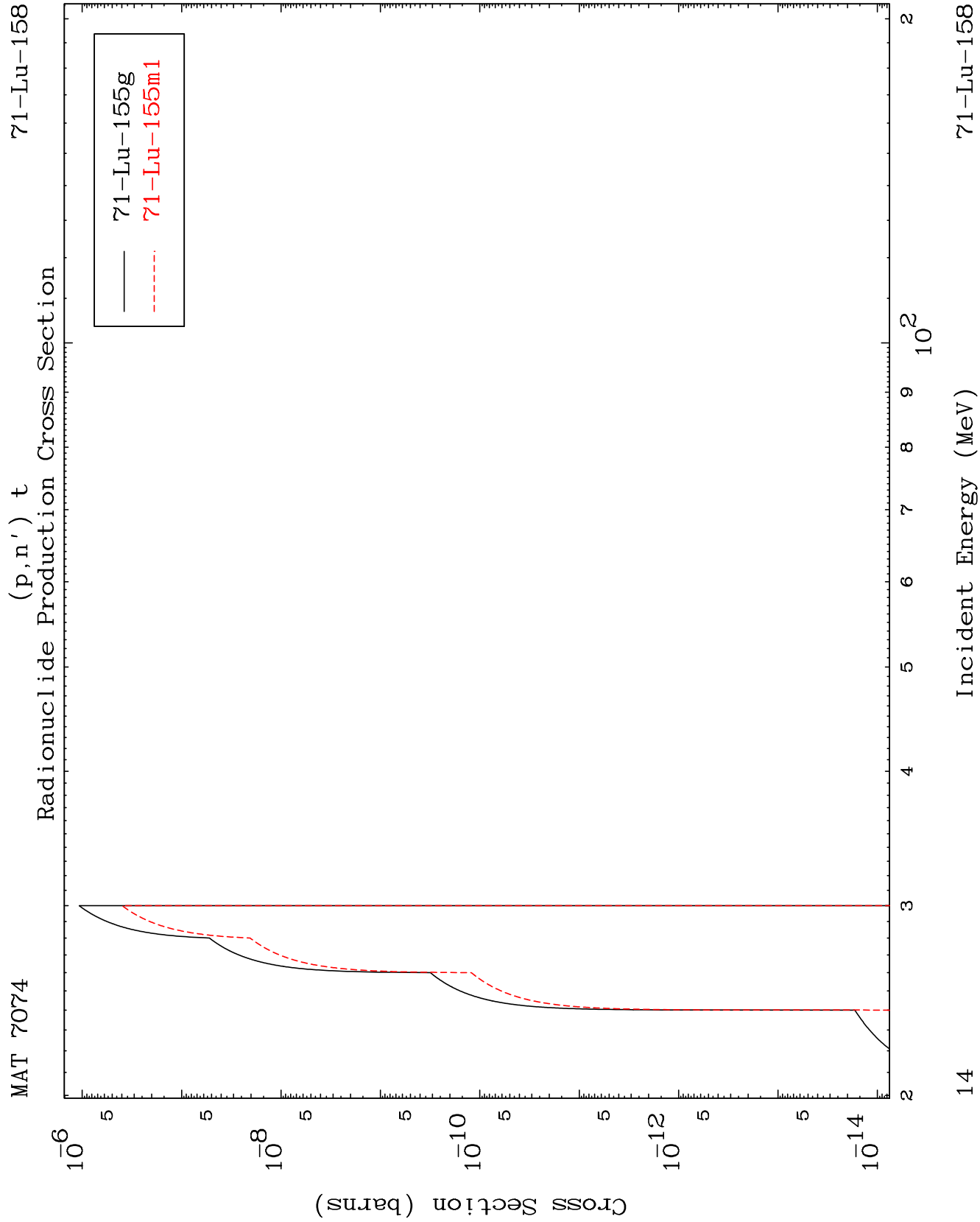
Radionuclide Production Cross Section



13

Incident Energy (MeV)

71-Lu-158

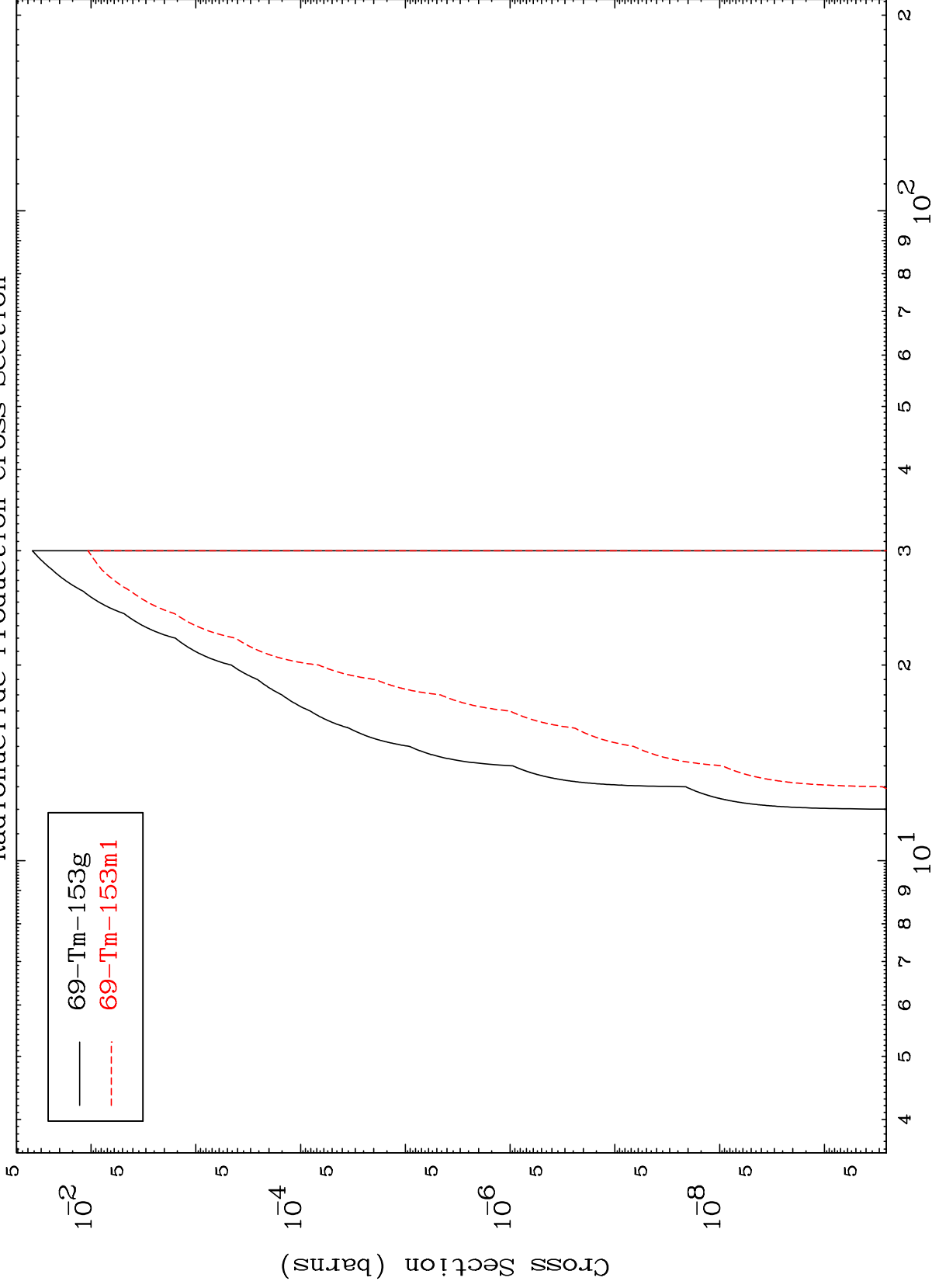


MAT 7074

(p,n') p α

71-Lu-158

Radionuclide Production Cross Section



15

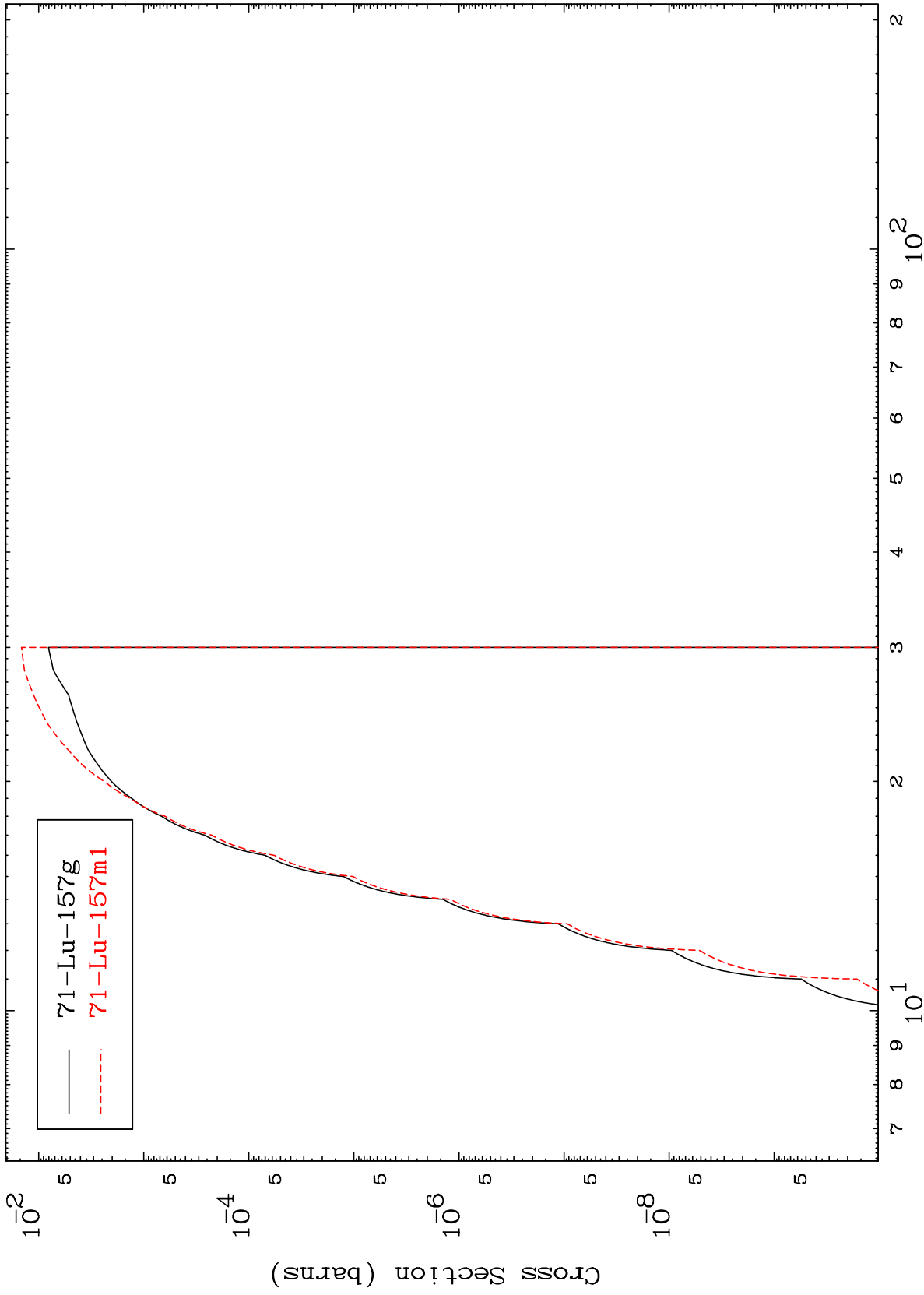
Incident Energy (MeV)

71-Lu-158

MAT 7074

71-Lu-158

(p,d)
Radionuclide Production Cross Section



16

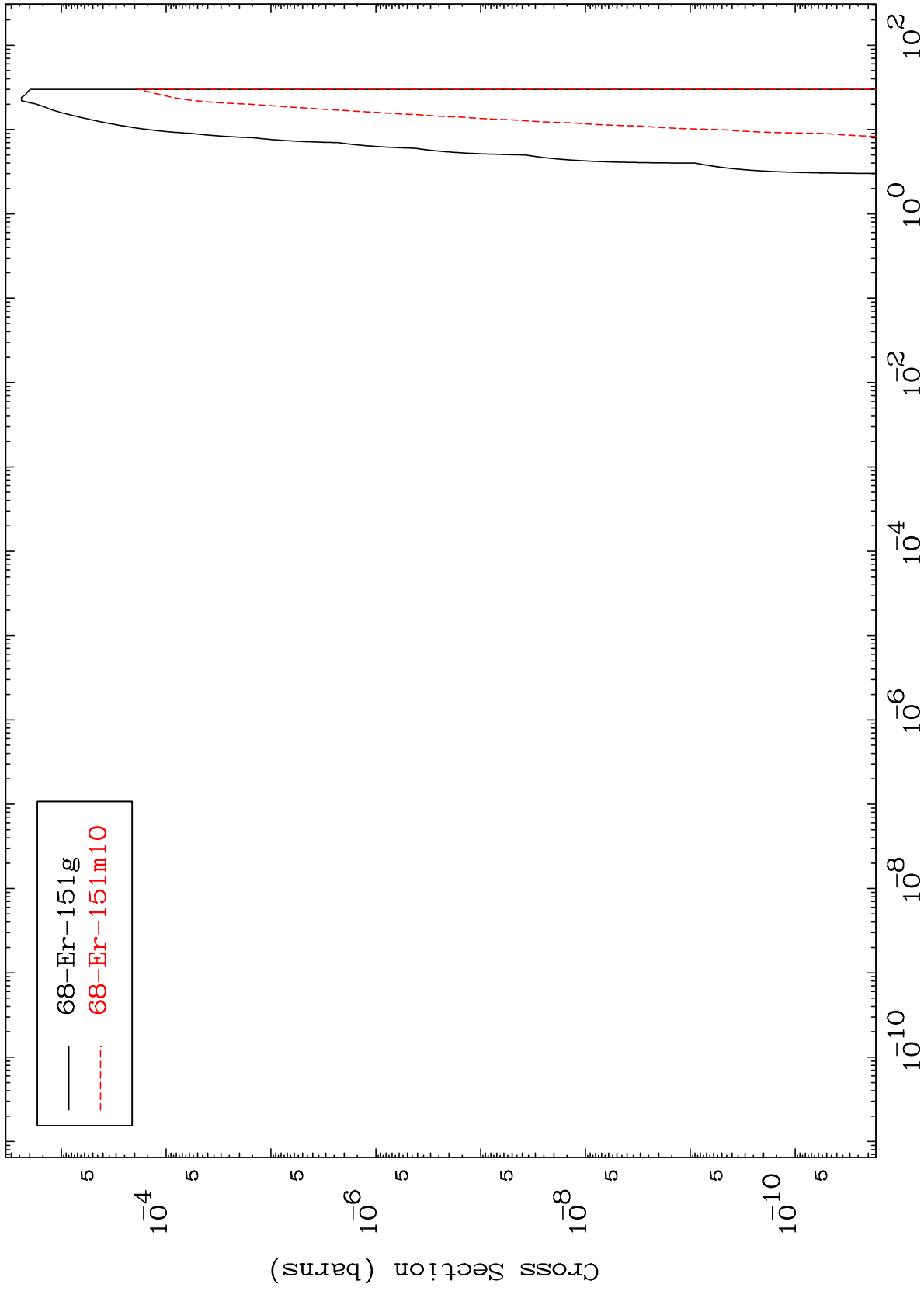
Incident Energy (MeV)

71-Lu-158

MAT 7074

Radionuclide Production Cross Section
(p,2 α)

⁷¹Lu-158



17

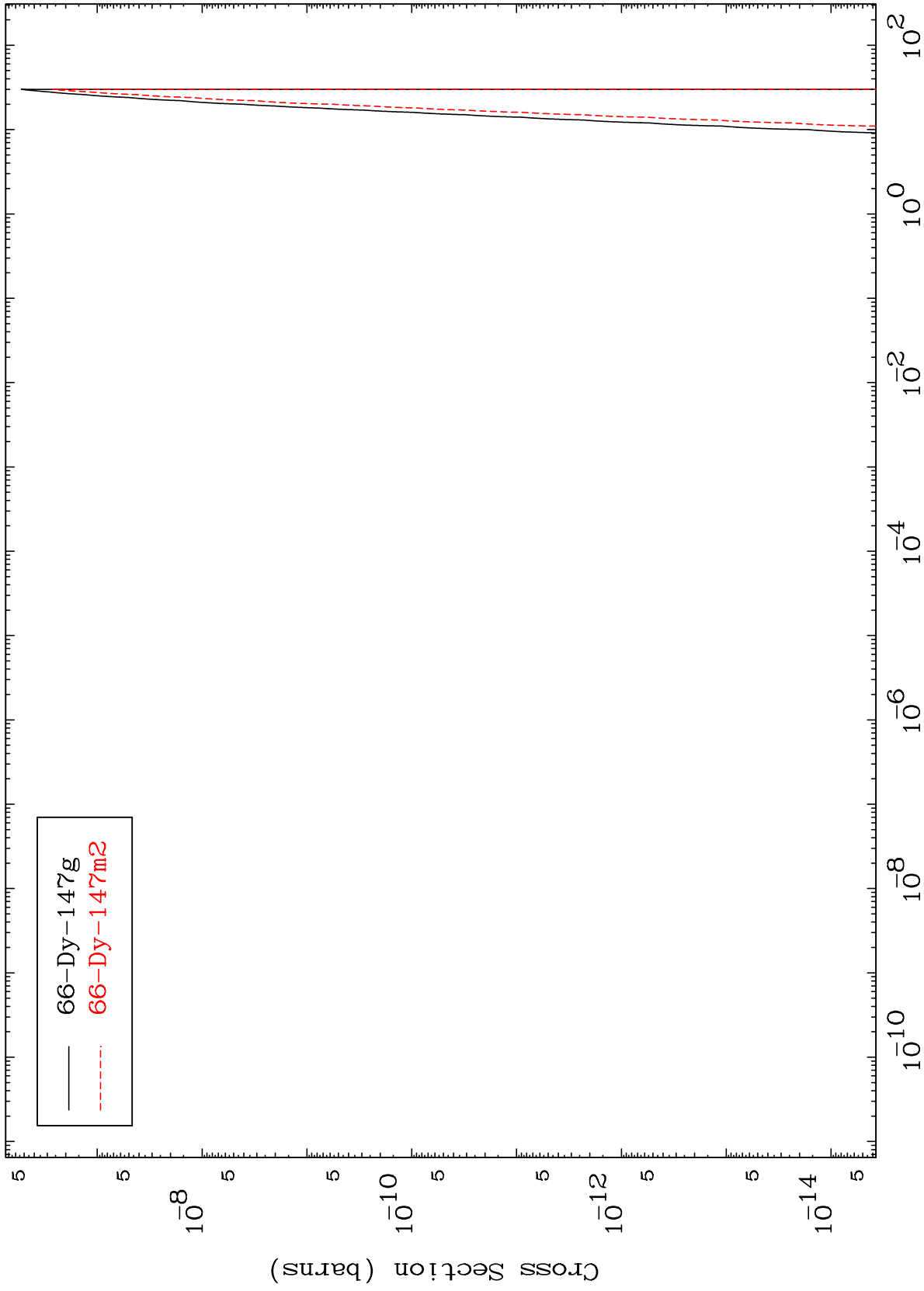
Incident Energy (MeV)

⁷¹Lu-158

MAT 7074

$(p,3\alpha)$
Radionuclide Production Cross Section

$^{71}\text{Lu-158}$



18

Incident Energy (MeV)

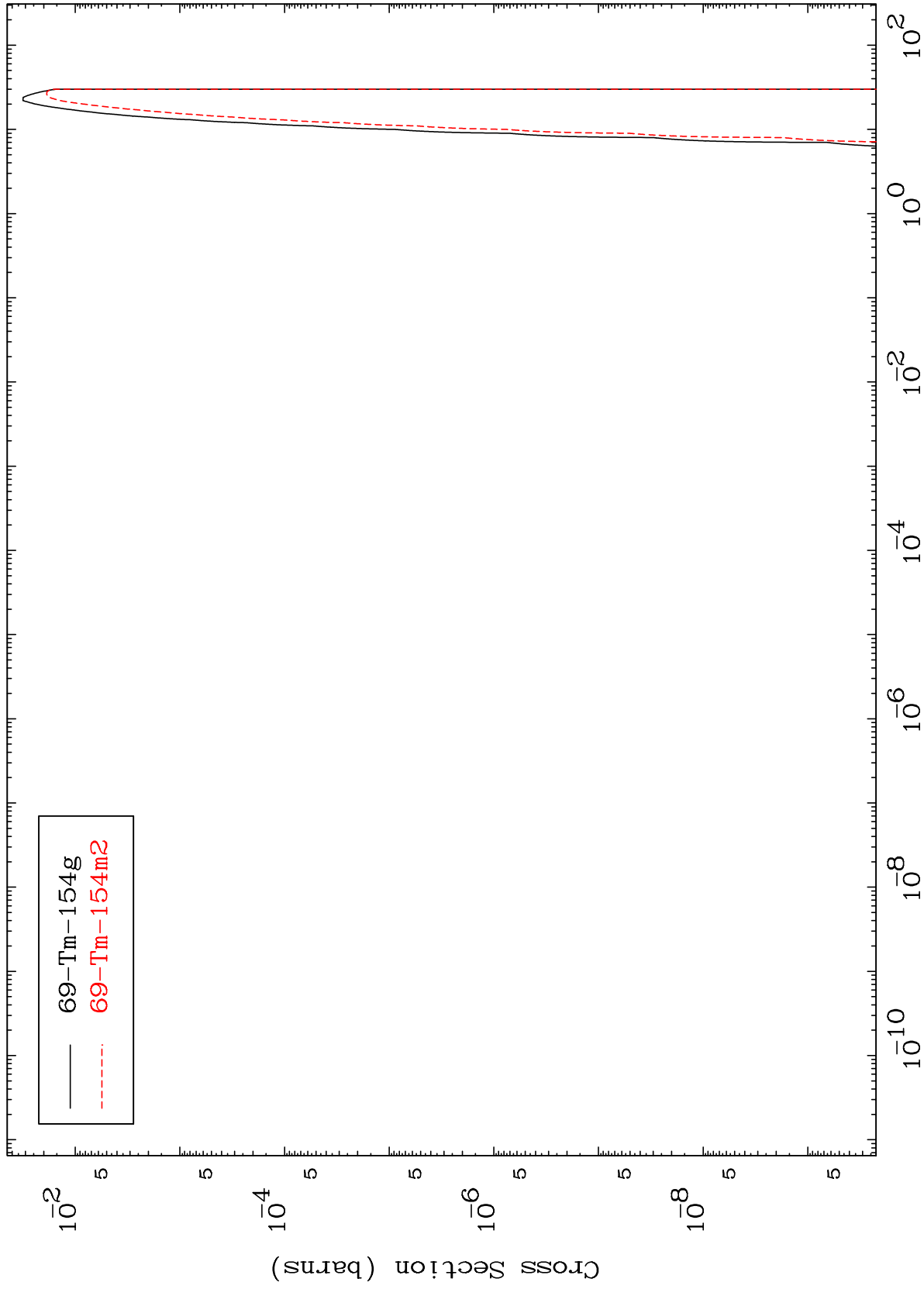
$^{71}\text{Lu-158}$

MAT 7074

(p,p) α

71-Lu-158

Radionuclide Production Cross Section



19

Incident Energy (MeV)

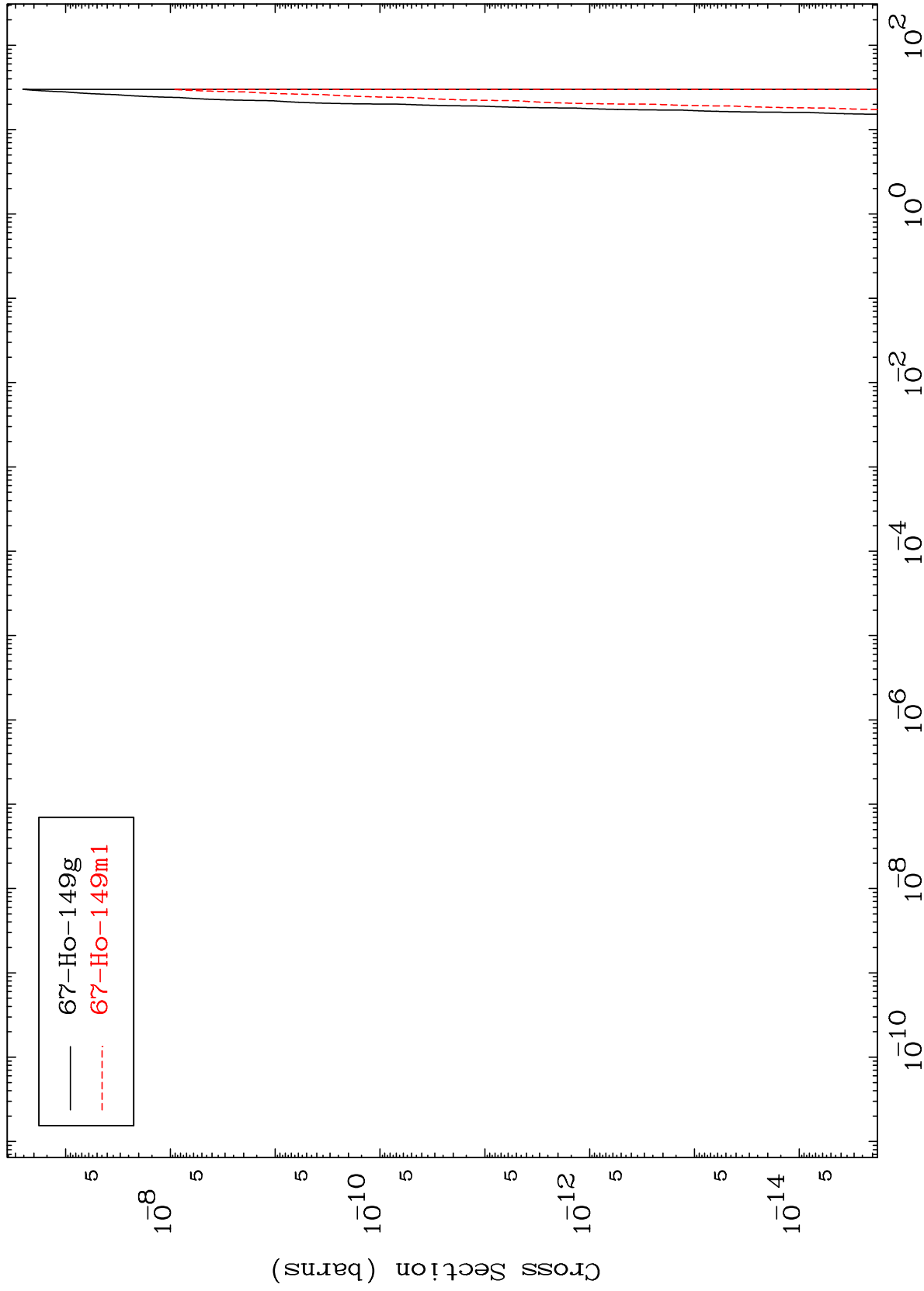
71-Lu-158

MAT 7074

(p,d) 2α

$^{71}\text{Lu-158}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

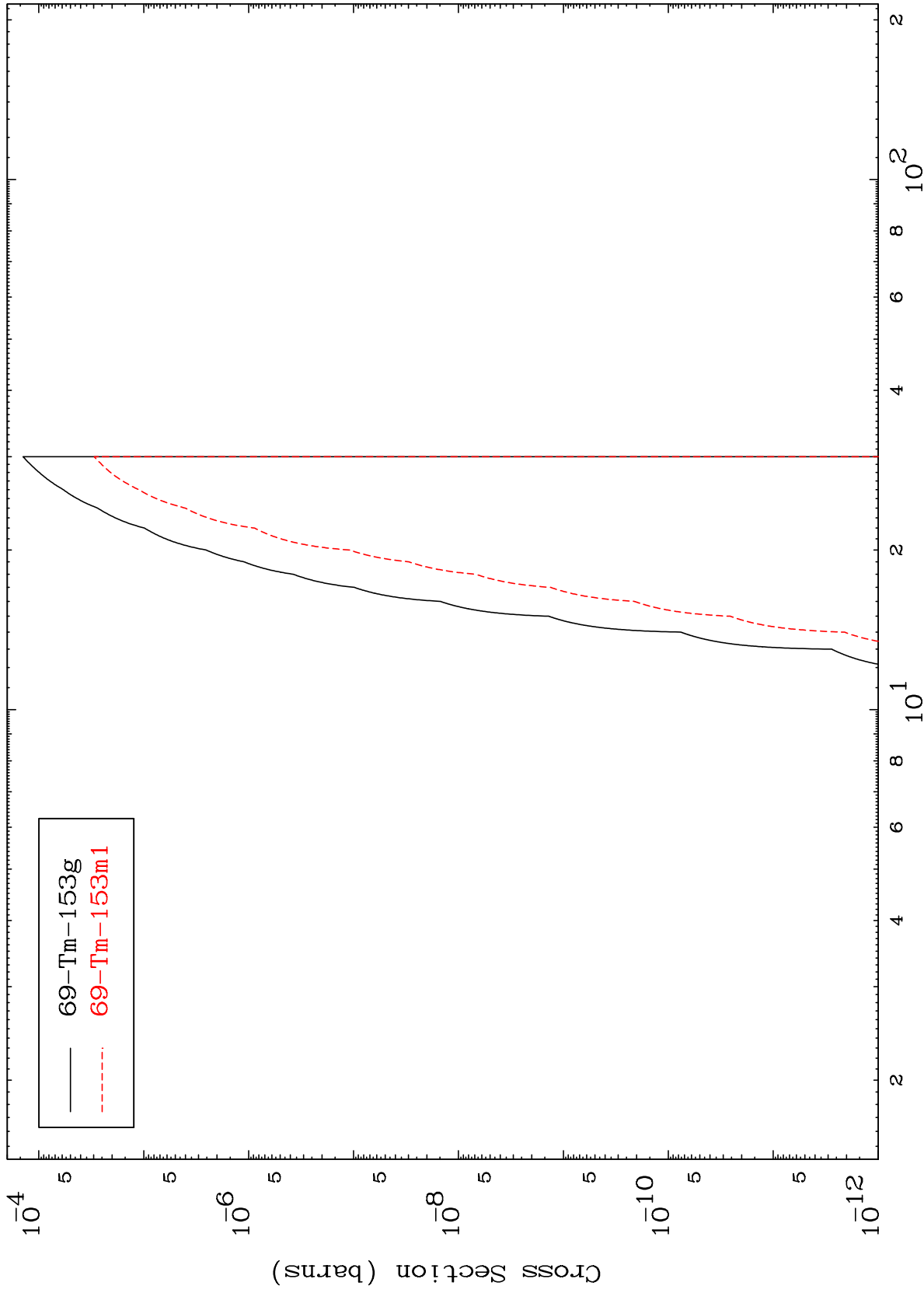
$^{71}\text{Lu-158}$

MAT 7074

(p,d) α

⁷¹Lu-158

Radionuclide Production Cross Section



21

Incident Energy (MeV)

⁷¹Lu-158