

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

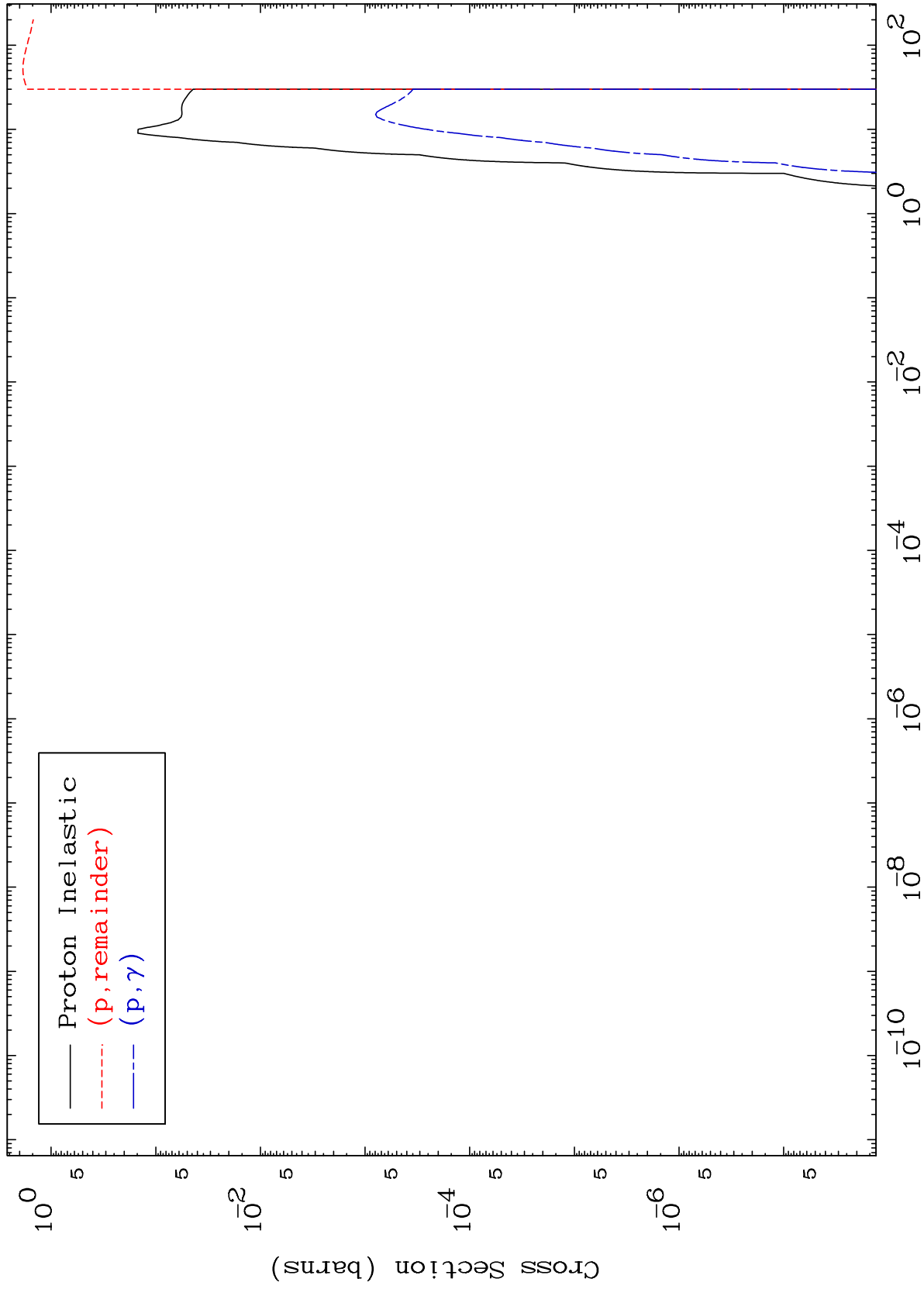
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E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

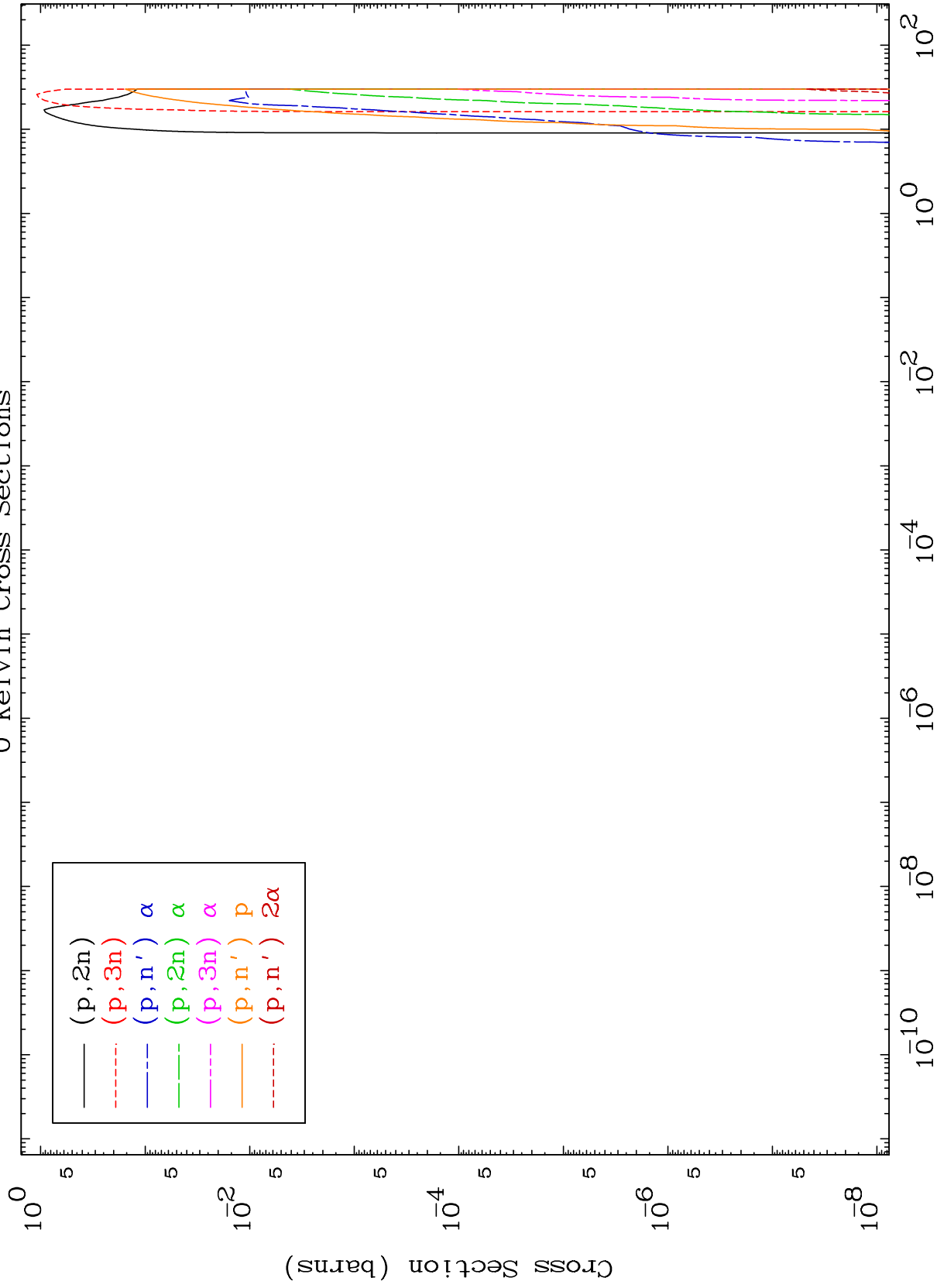
Press Mouse Button to Start



MAT 7122

Proton Neutron Production
0 Kelvin Cross Sections

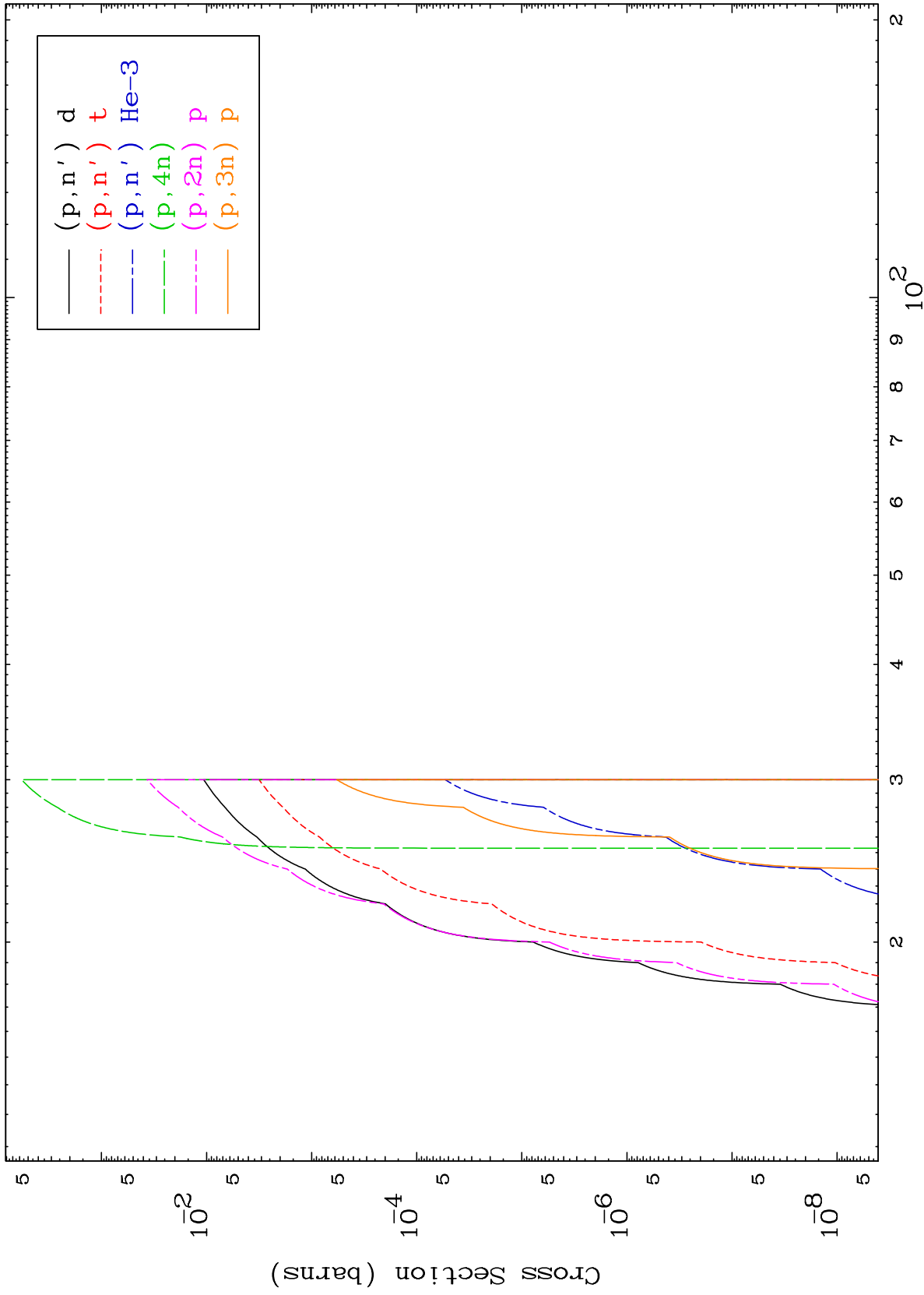
71-Lu-174



2

Incident Energy (MeV)

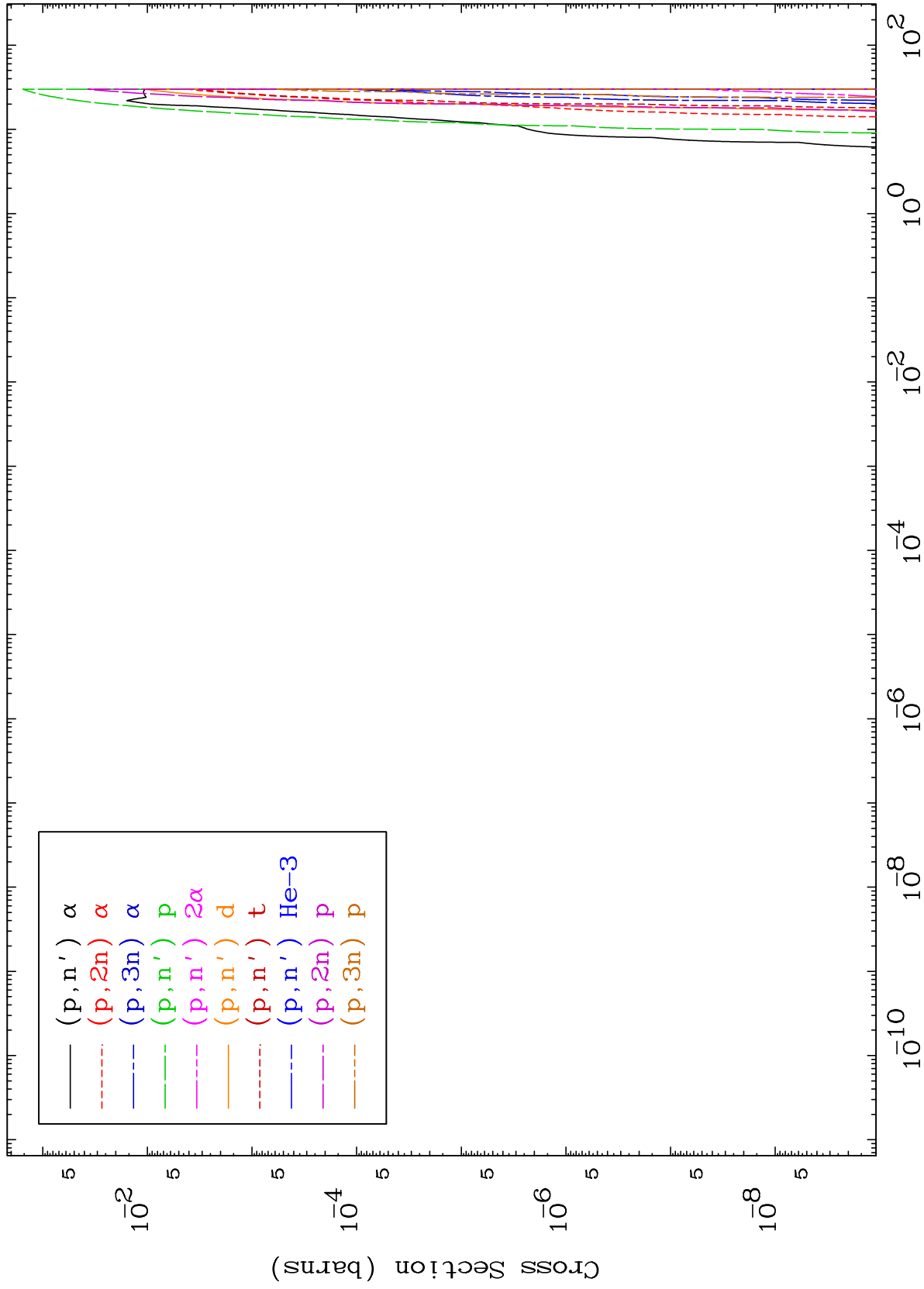
71-Lu-174



MAT 7122

Proton Charged Particle
0 Kelvin Cross Sections

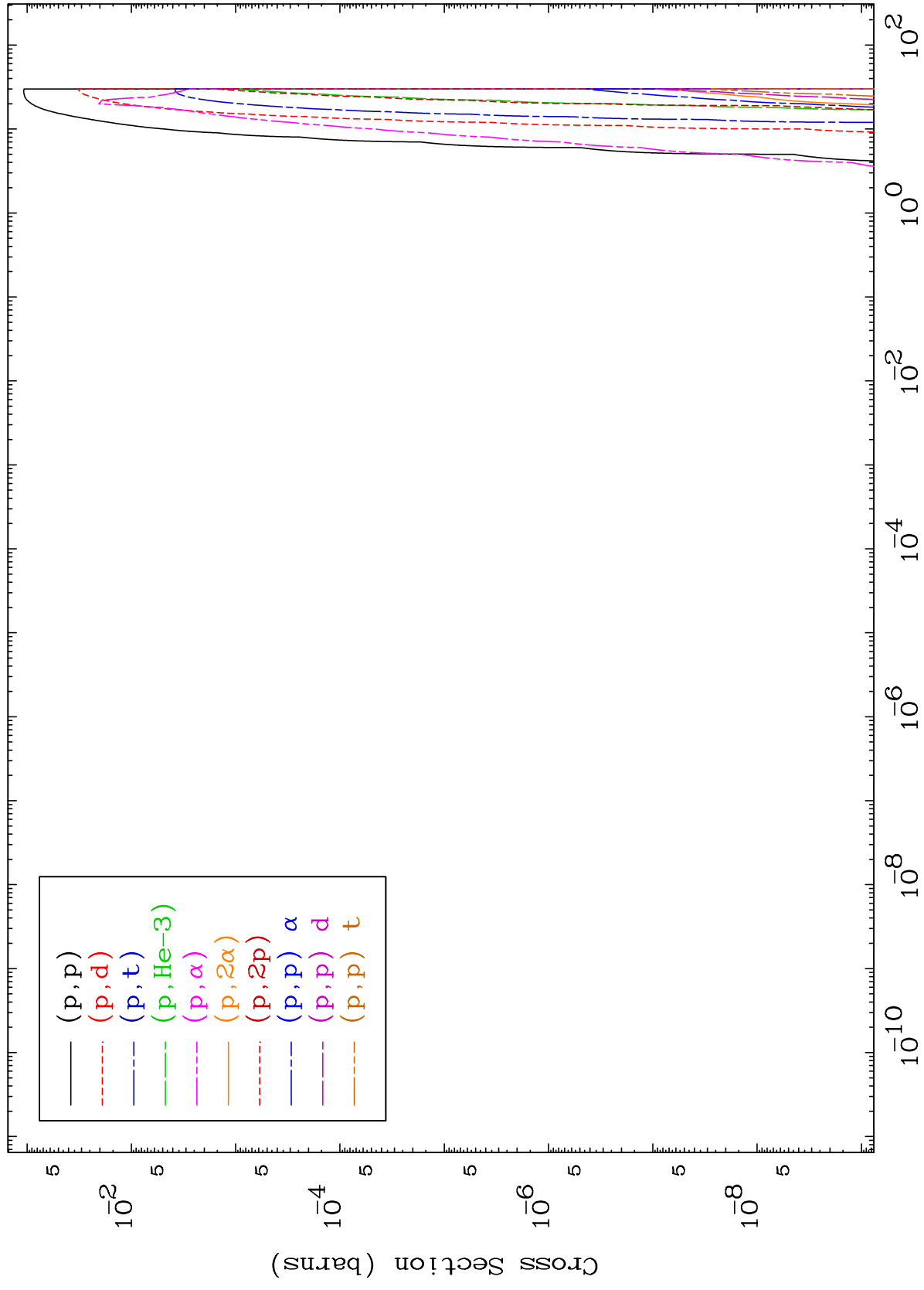
71-Lu-174



MAT 7122

Proton Charged Particle
0 Kelvin Cross Sections

71-Lu-174



71-Lu-174

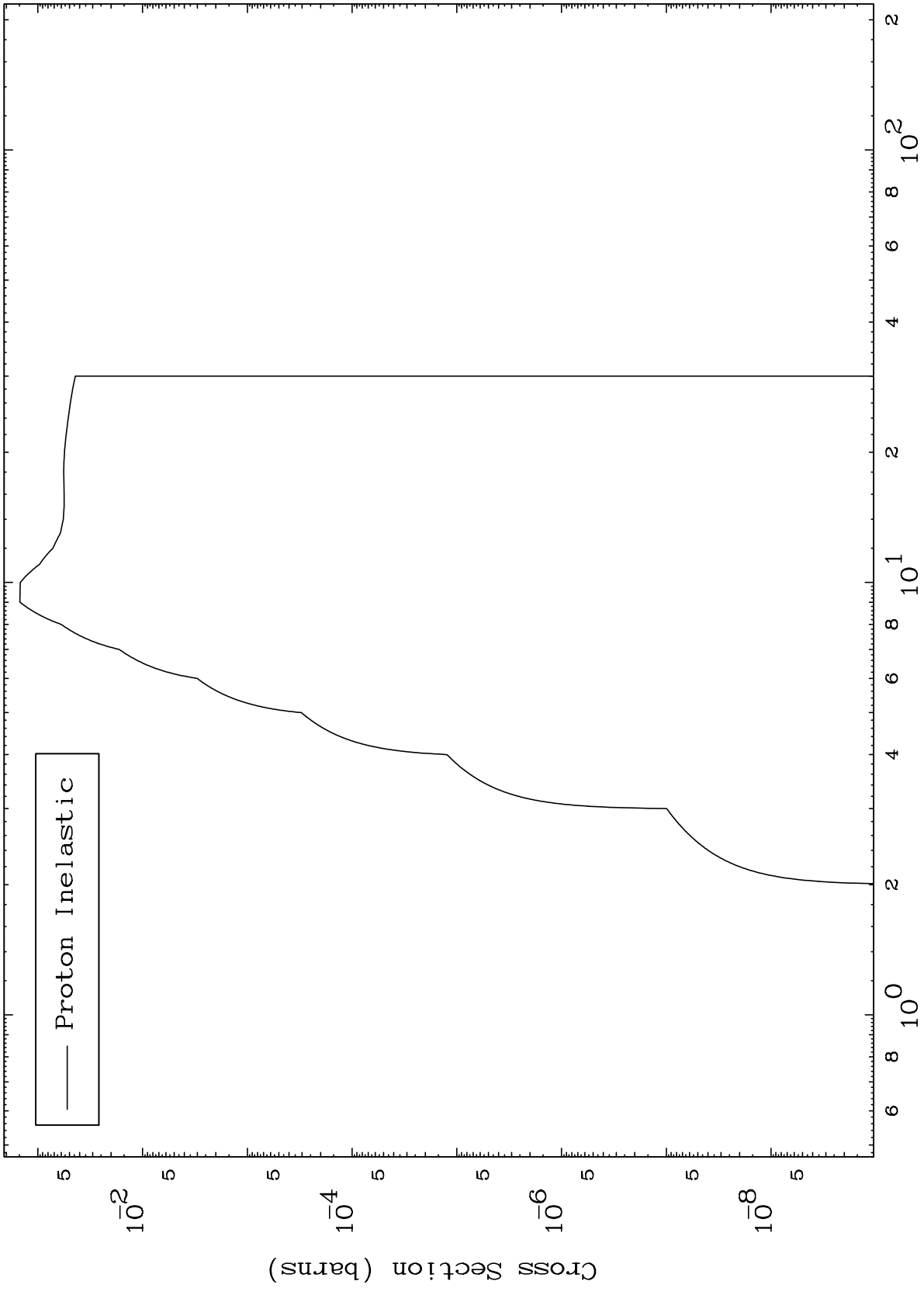
Incident Energy (MeV)

5

MAT 7122

(p,n') Level
0 Kelvin Cross Sections

71-Lu-174



6

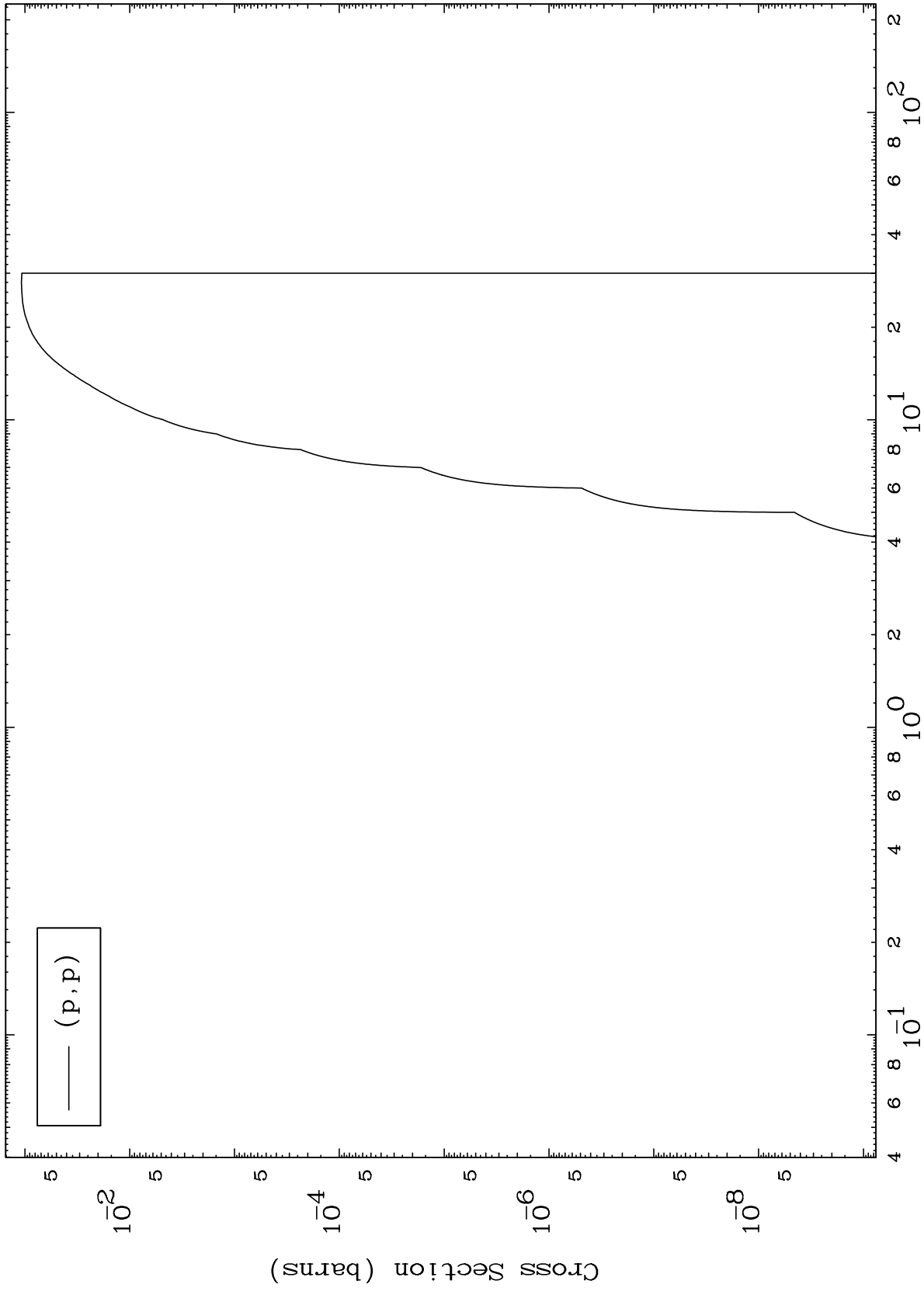
Incident Energy (MeV)

71-Lu-174

MAT 7122

(p,p) Levels
0 Kelvin Cross Sections

71-Lu-174



7

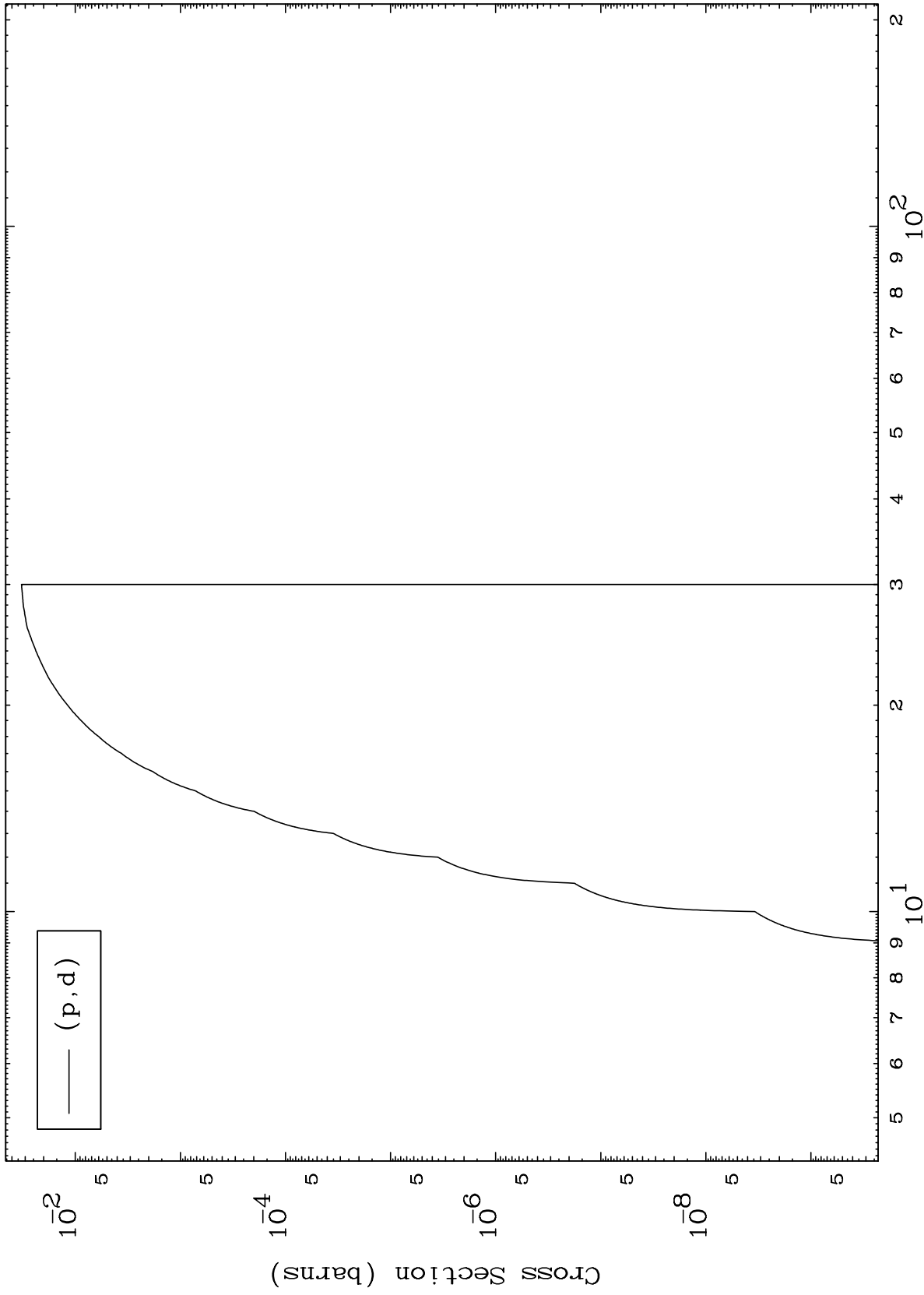
Incident Energy (MeV)

71-Lu-174

MAT 7122

(p,d) Levels
0 Kelvin Cross Sections

71-Lu-174



8

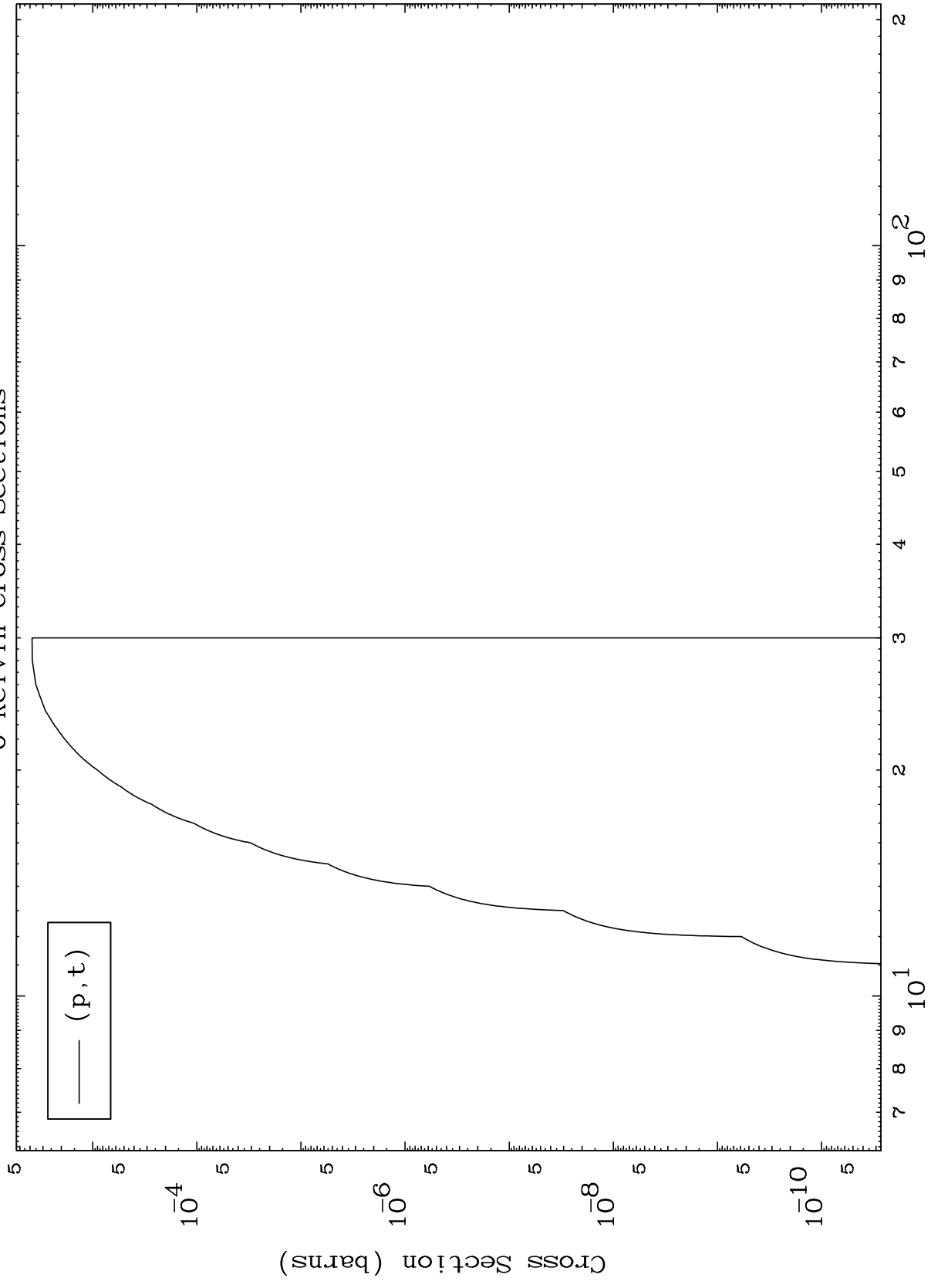
Incident Energy (MeV)

71-Lu-174

MAT 7122

(p,t) Levels
0 Kelvin Cross Sections

71-Lu-174



9

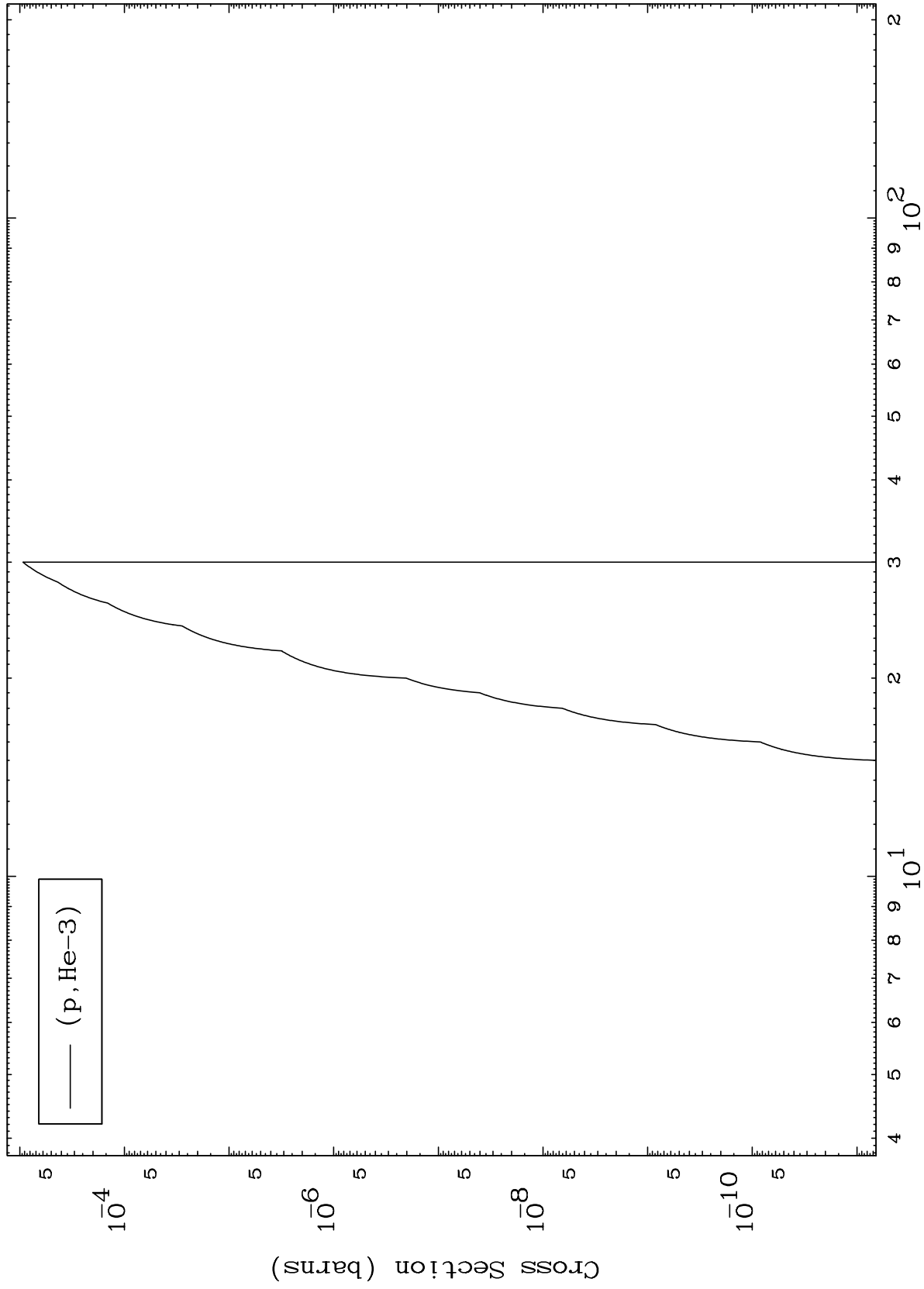
Incident Energy (MeV)

71-Lu-174

MAT 7122

(p,He3) Levels
0 Kelvin Cross Sections

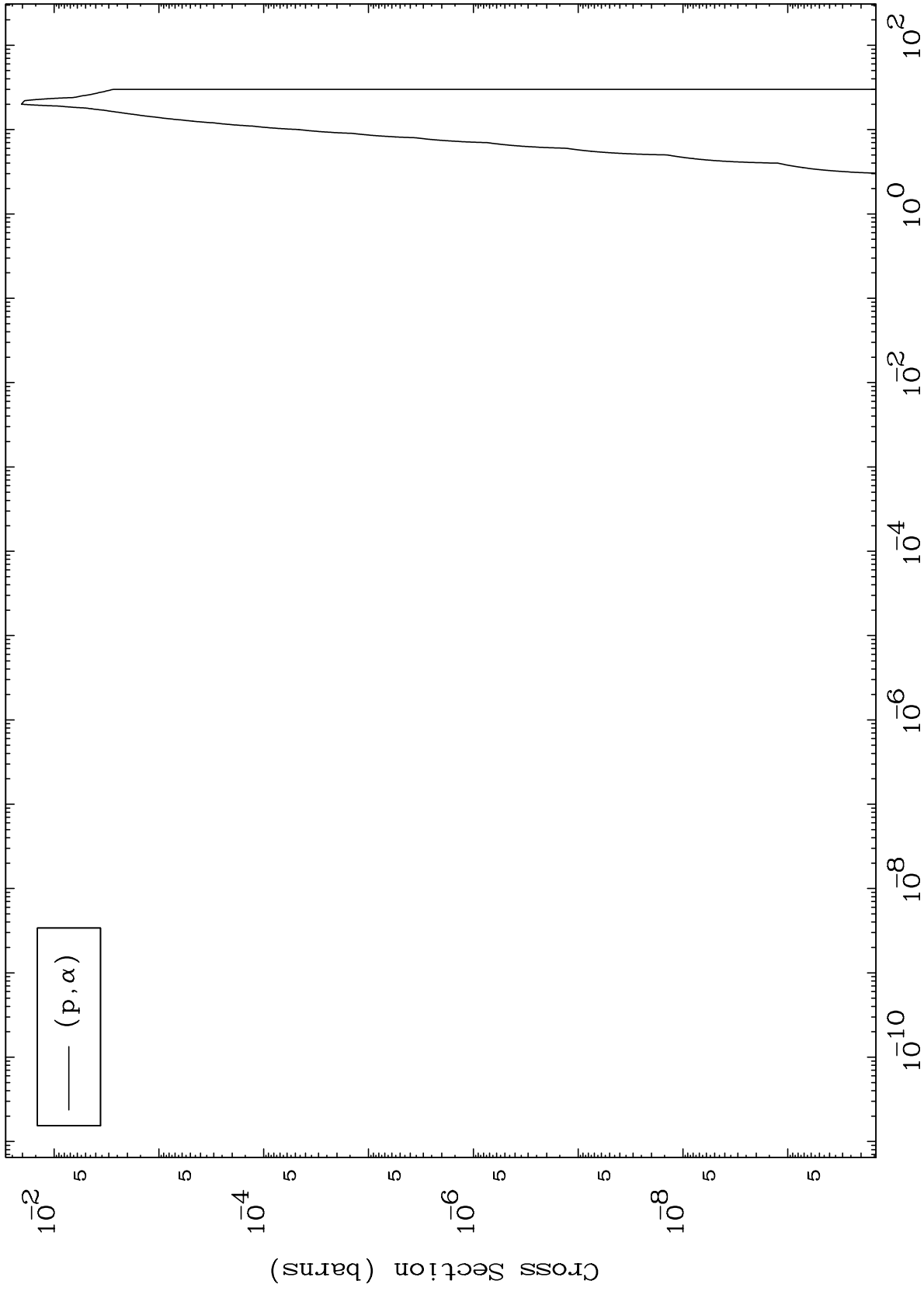
71-Lu-174



MAT 7122

(p,α) Levels
0 Kelvin Cross Sections

71-Lu-174



11

Incident Energy (MeV)

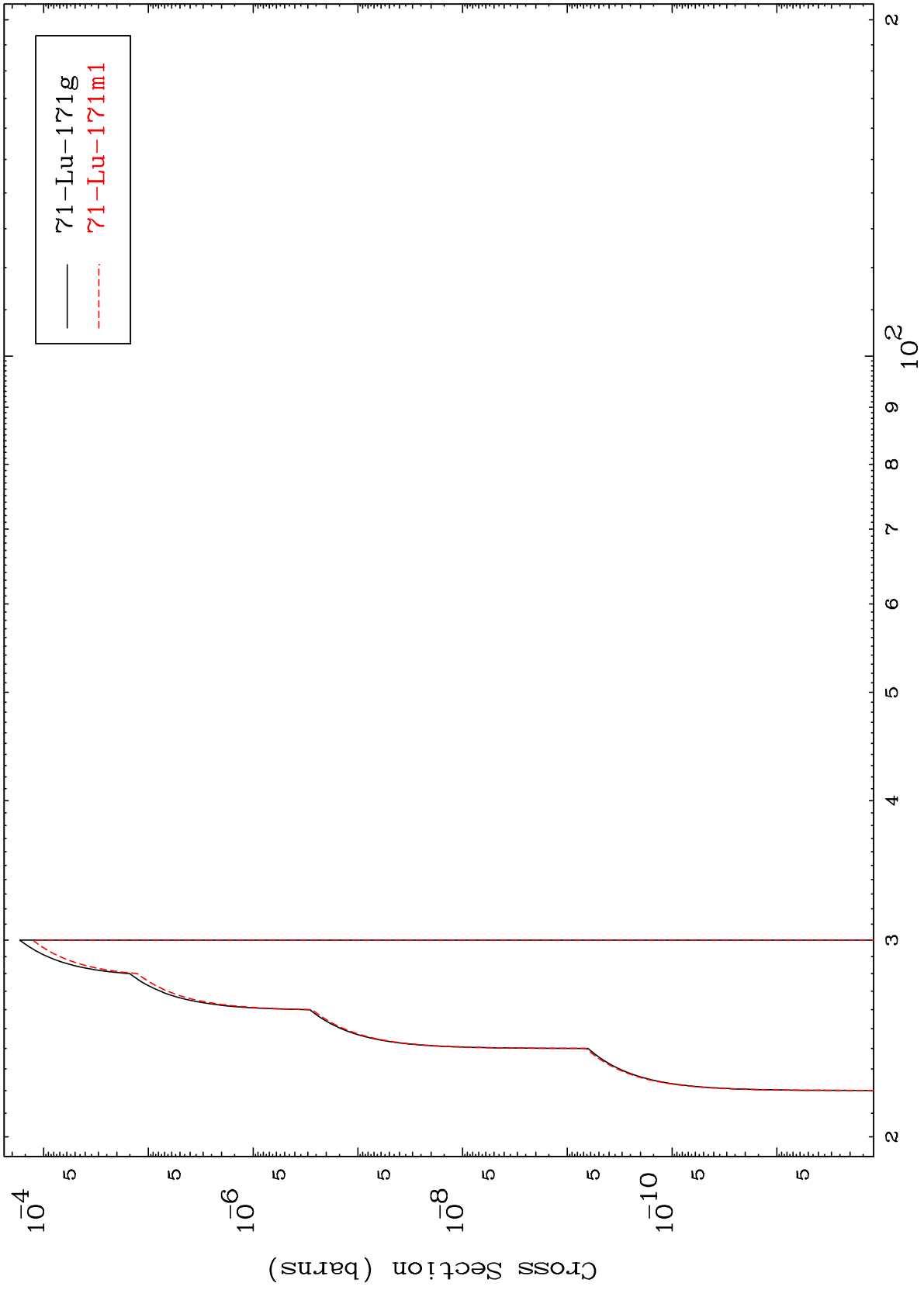
71-Lu-174

MAT 7122

(p,2n) d

71-Lu-174

Radionuclide Production Cross Section



12

Incident Energy (MeV)

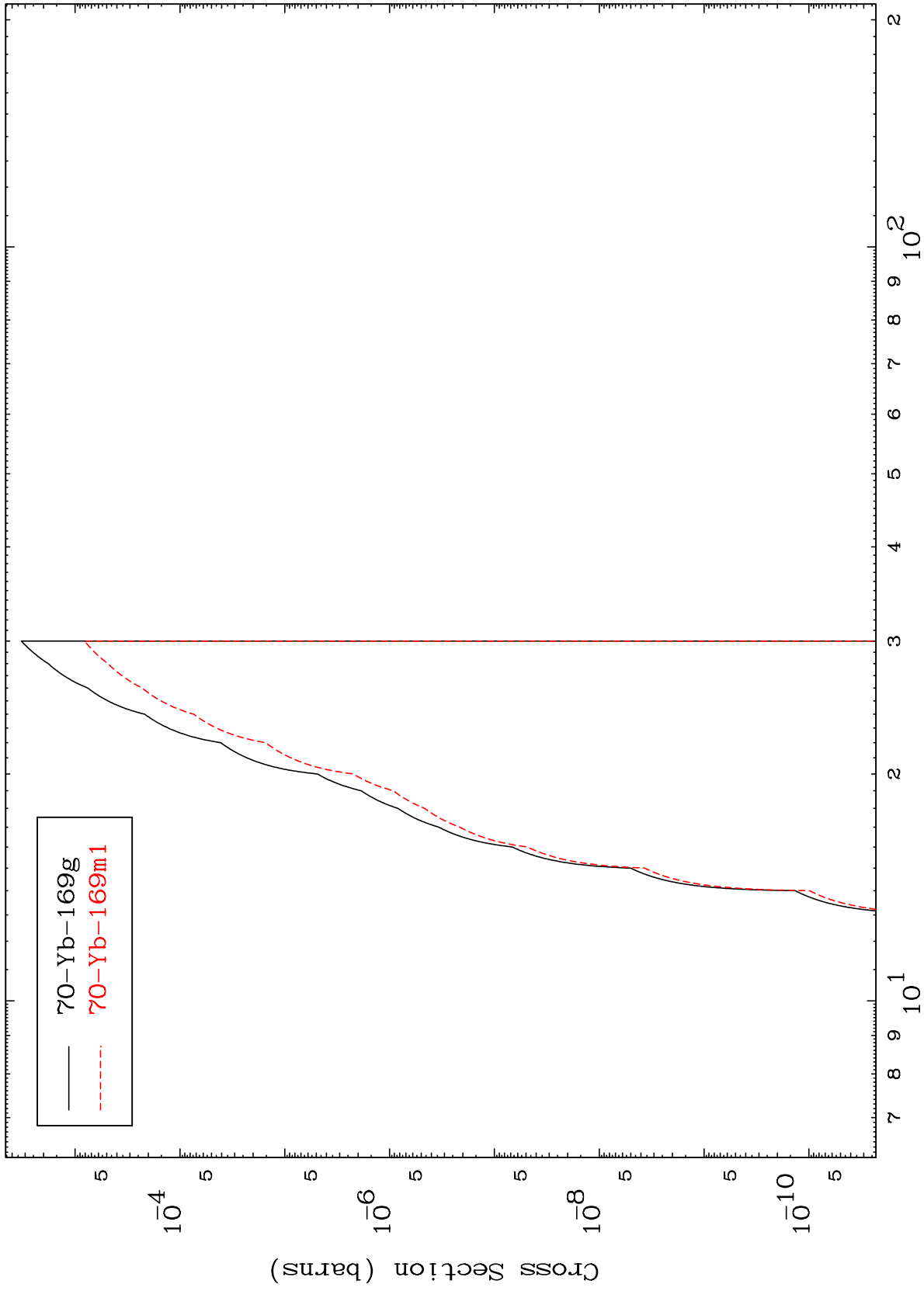
71-Lu-174

MAT 7122

$(p,2n) \alpha$

$^{71}\text{Lu-174}$

Radionuclide Production Cross Section



13

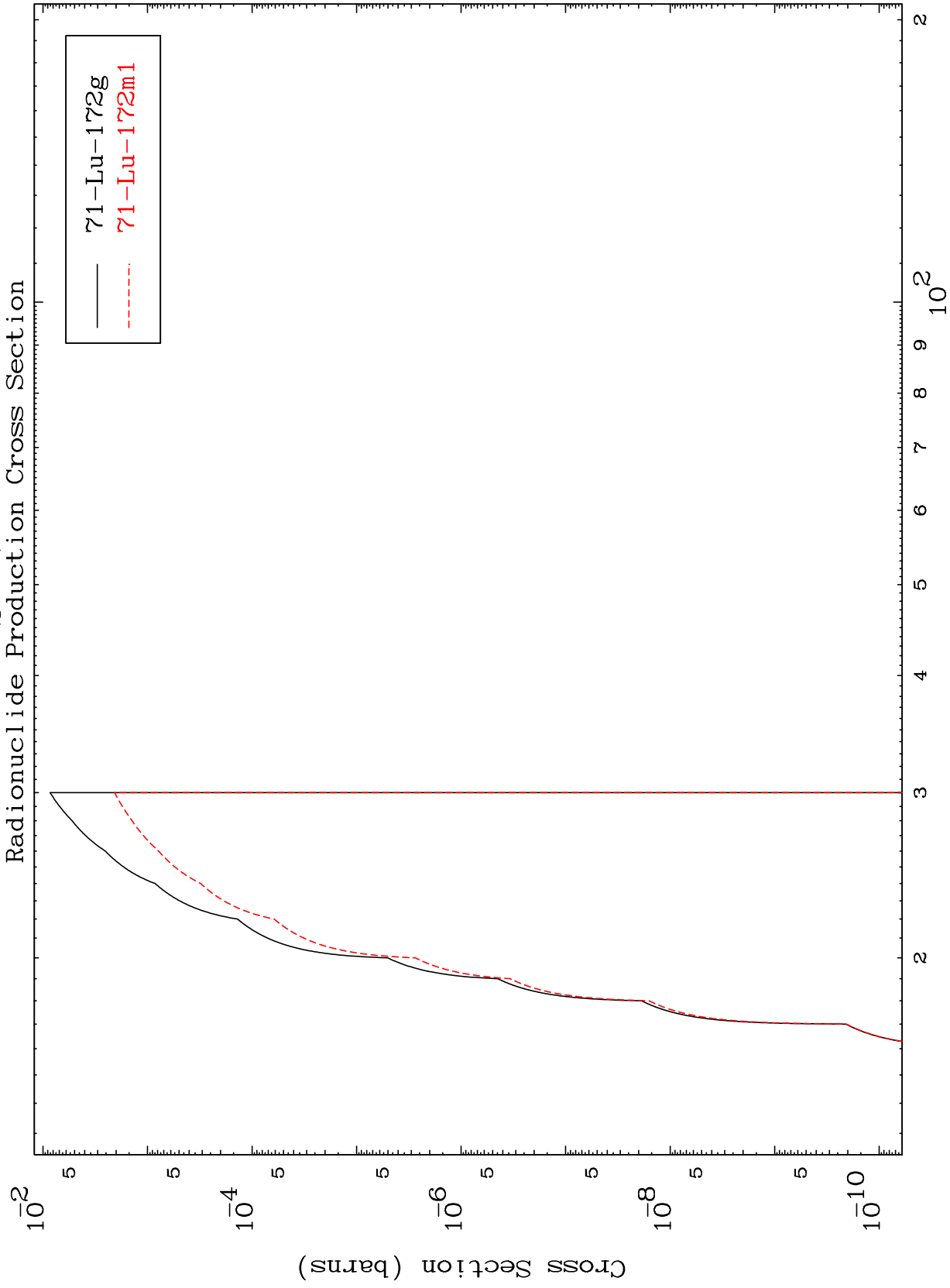
Incident Energy (MeV)

$^{71}\text{Lu-174}$

MAT 7122

(p,n') d

71-Lu-174



14

71-Lu-174

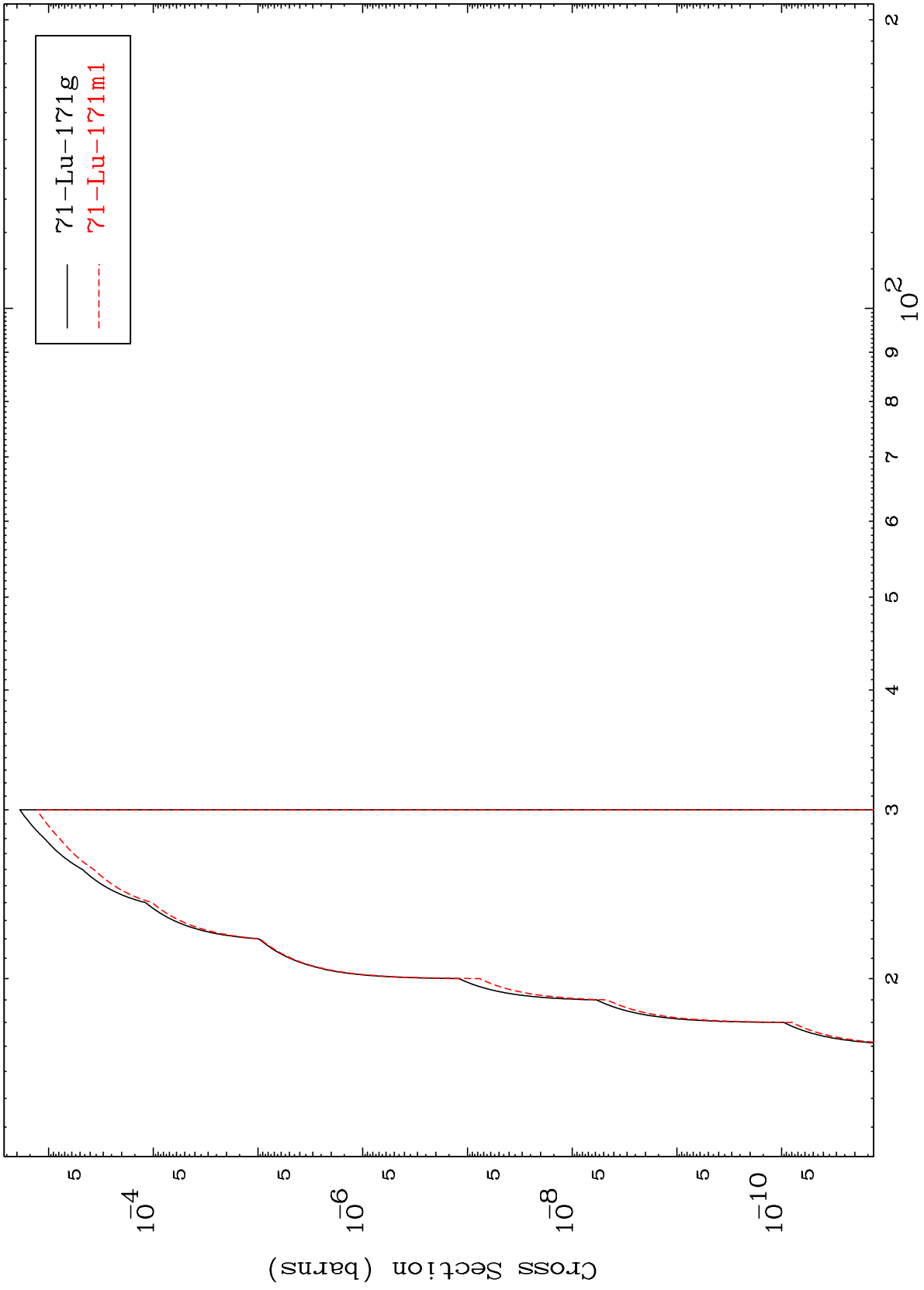
71-Lu-174

MAT 7122

(p,n') t

⁷¹Lu-174

Radionuclide Production Cross Section



15

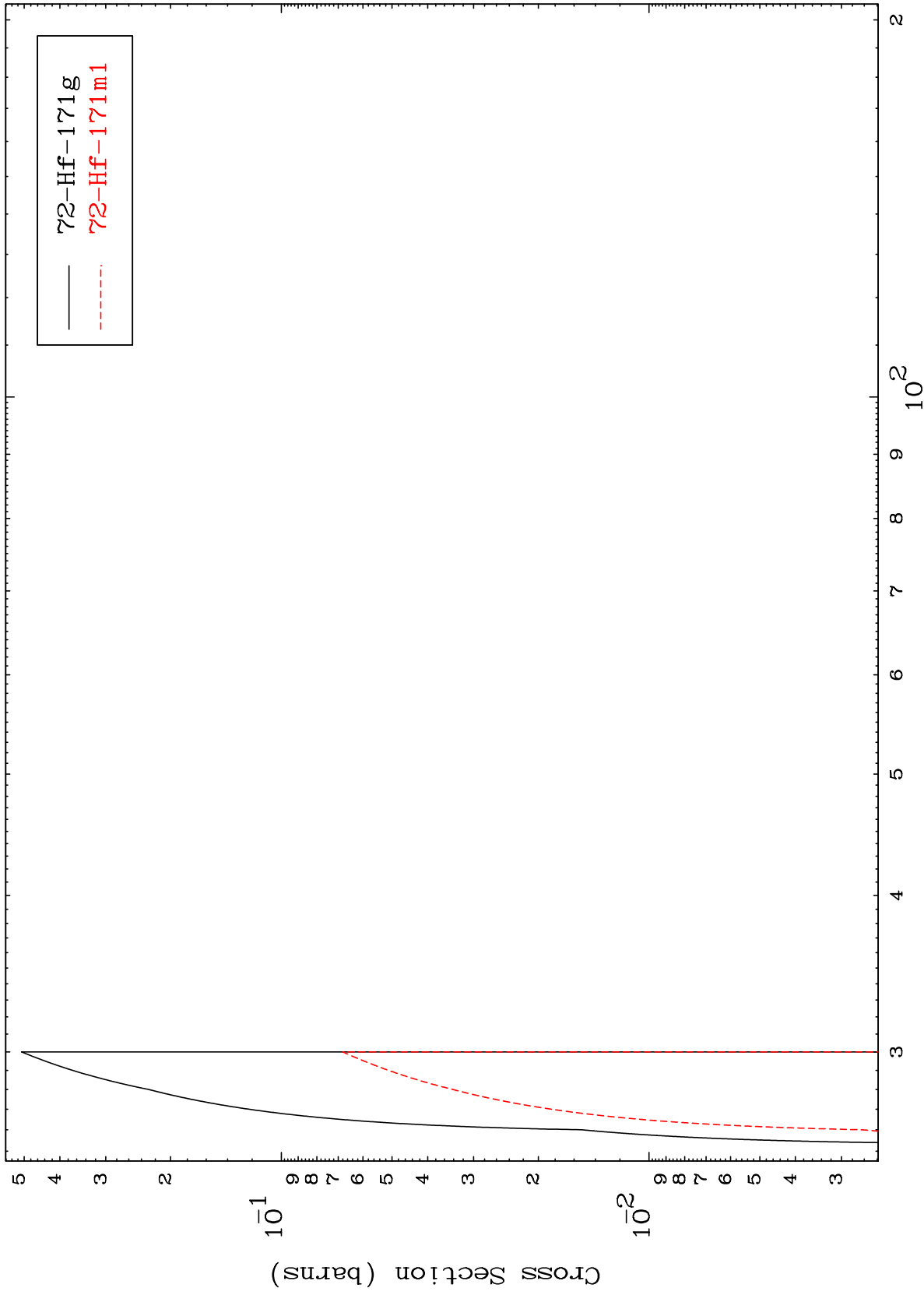
Incident Energy (MeV)

⁷¹Lu-174

MAT 7122

71-Lu-174

(p,4n)
Radionuclide Production Cross Section



16

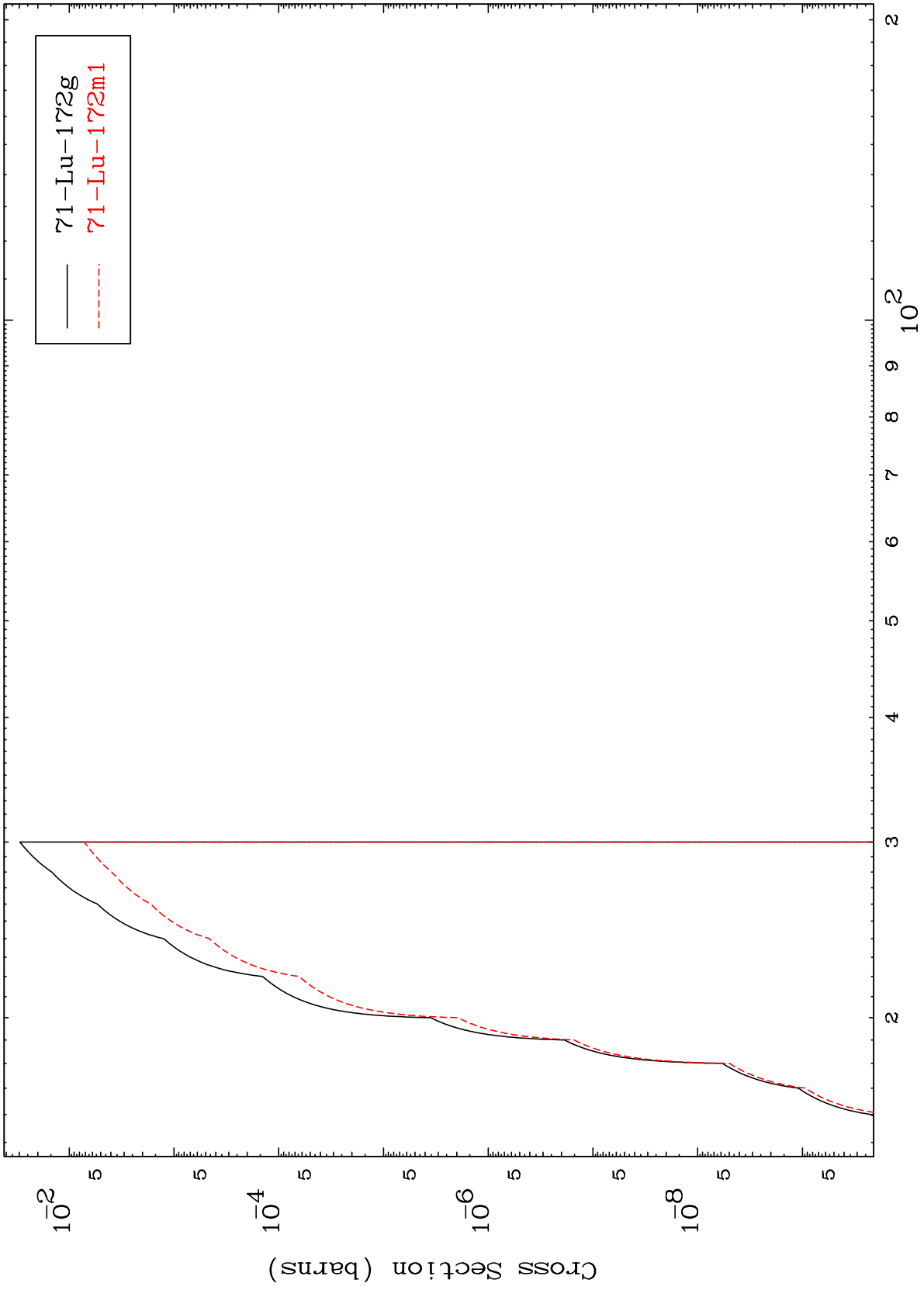
71-Lu-174

MAT 7122

(p,2n) p

71-Lu-174

Radionuclide Production Cross Section



17

Incident Energy (MeV)

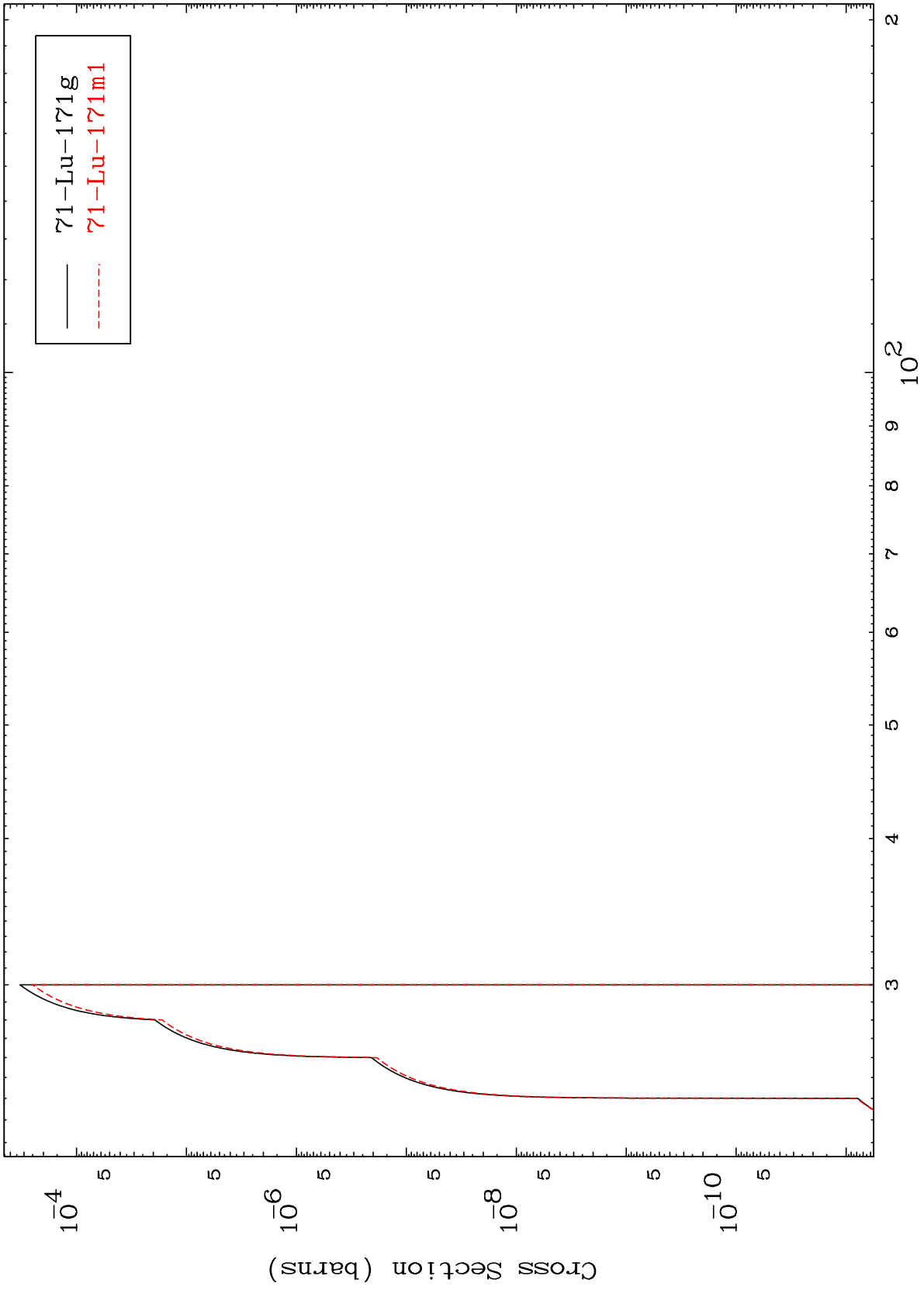
71-Lu-174

MAT 7122

(p,3n) p

⁷¹Lu-174

Radionuclide Production Cross Section



18

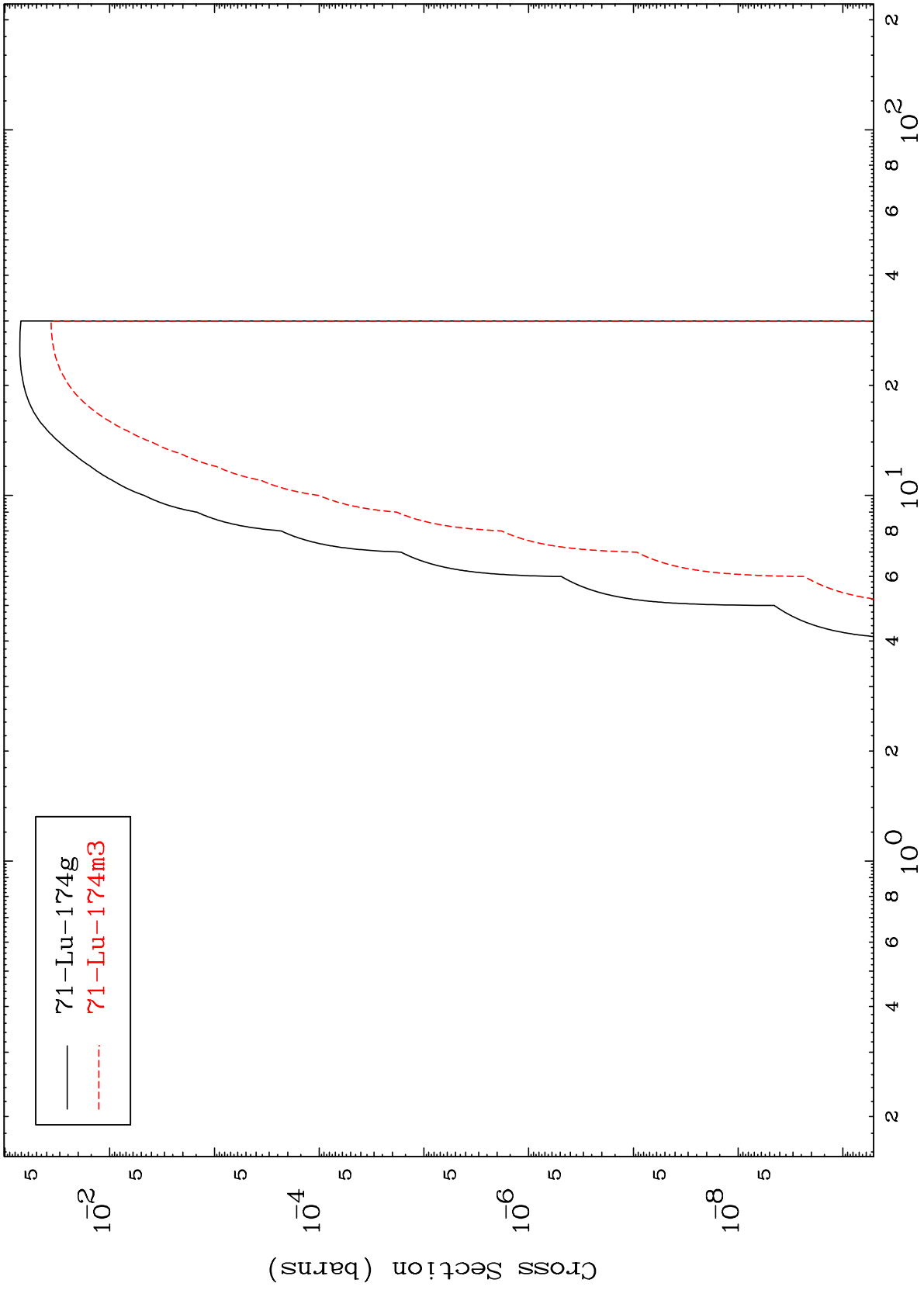
Incident Energy (MeV)

⁷¹Lu-174

MAT 7122

(p,p)
Radionuclide Production Cross Section

⁷¹Lu-174



19

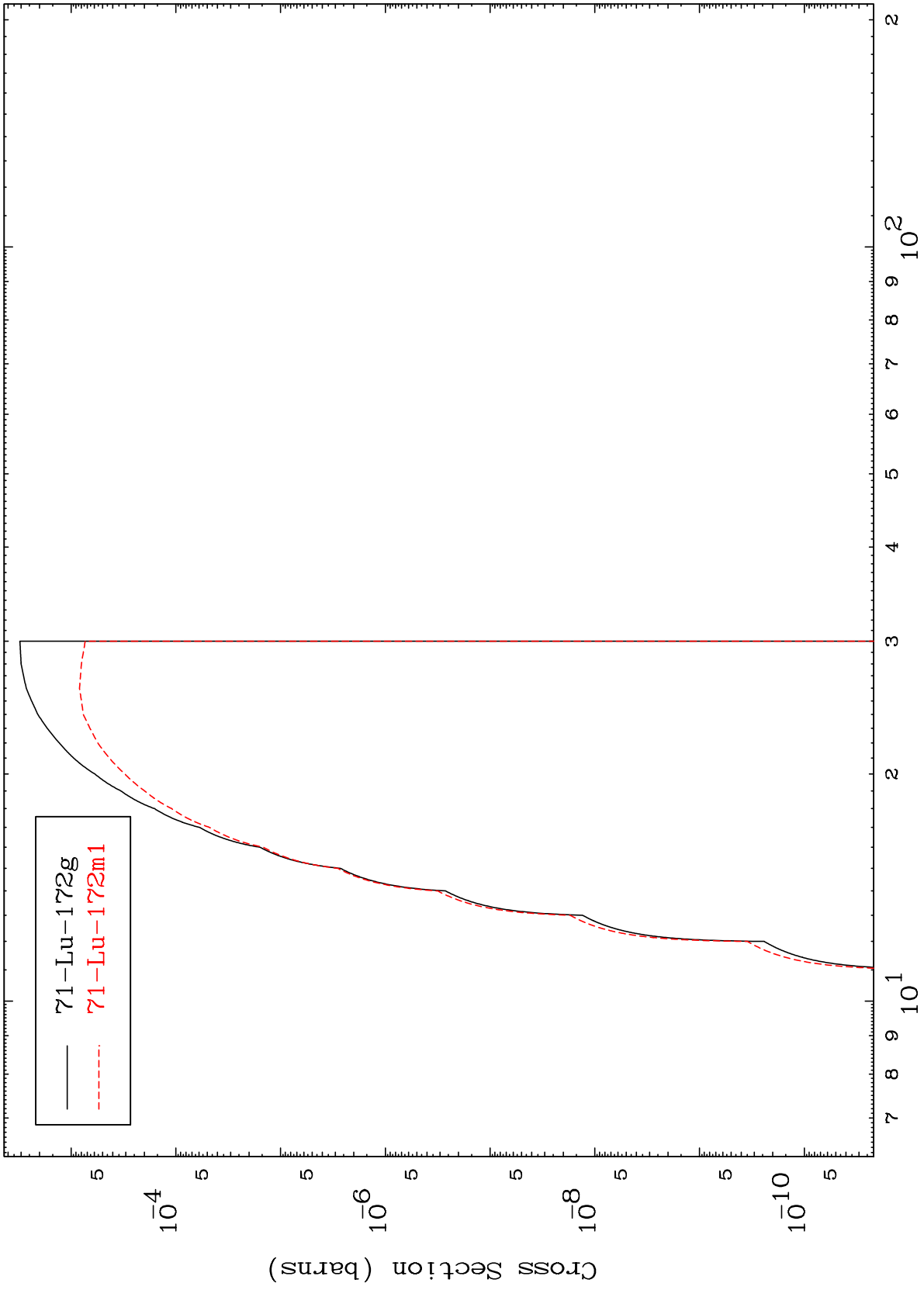
Incident Energy (MeV)

⁷¹Lu-174

MAT 7122

(p, t)
Radionuclide Production Cross Section

⁷¹Lu-174



20

Incident Energy (MeV)

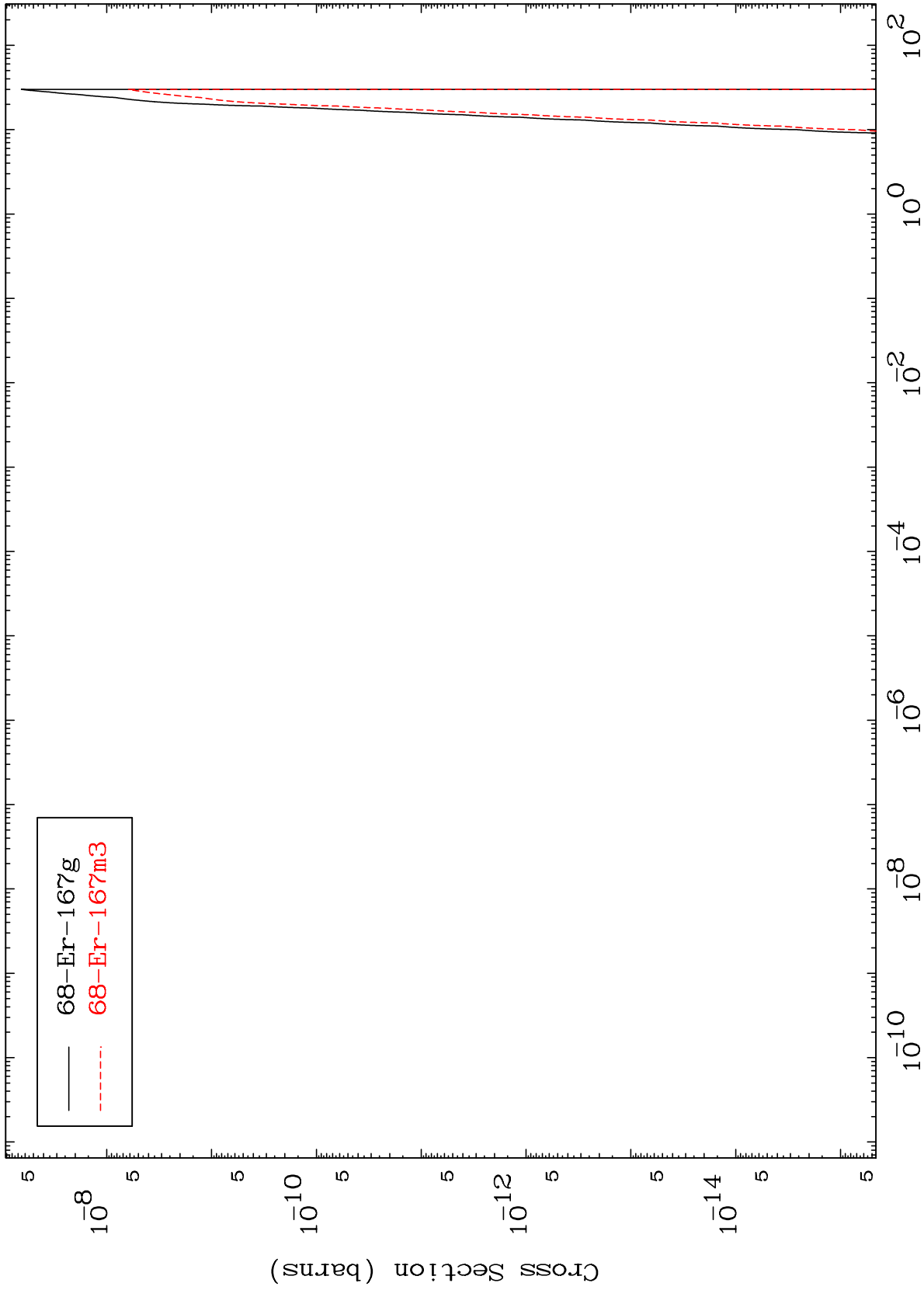
⁷¹Lu-174

MAT 7122

(p,2α)

71-Lu-174

Radionuclide Production Cross Section



71-Lu-174