

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

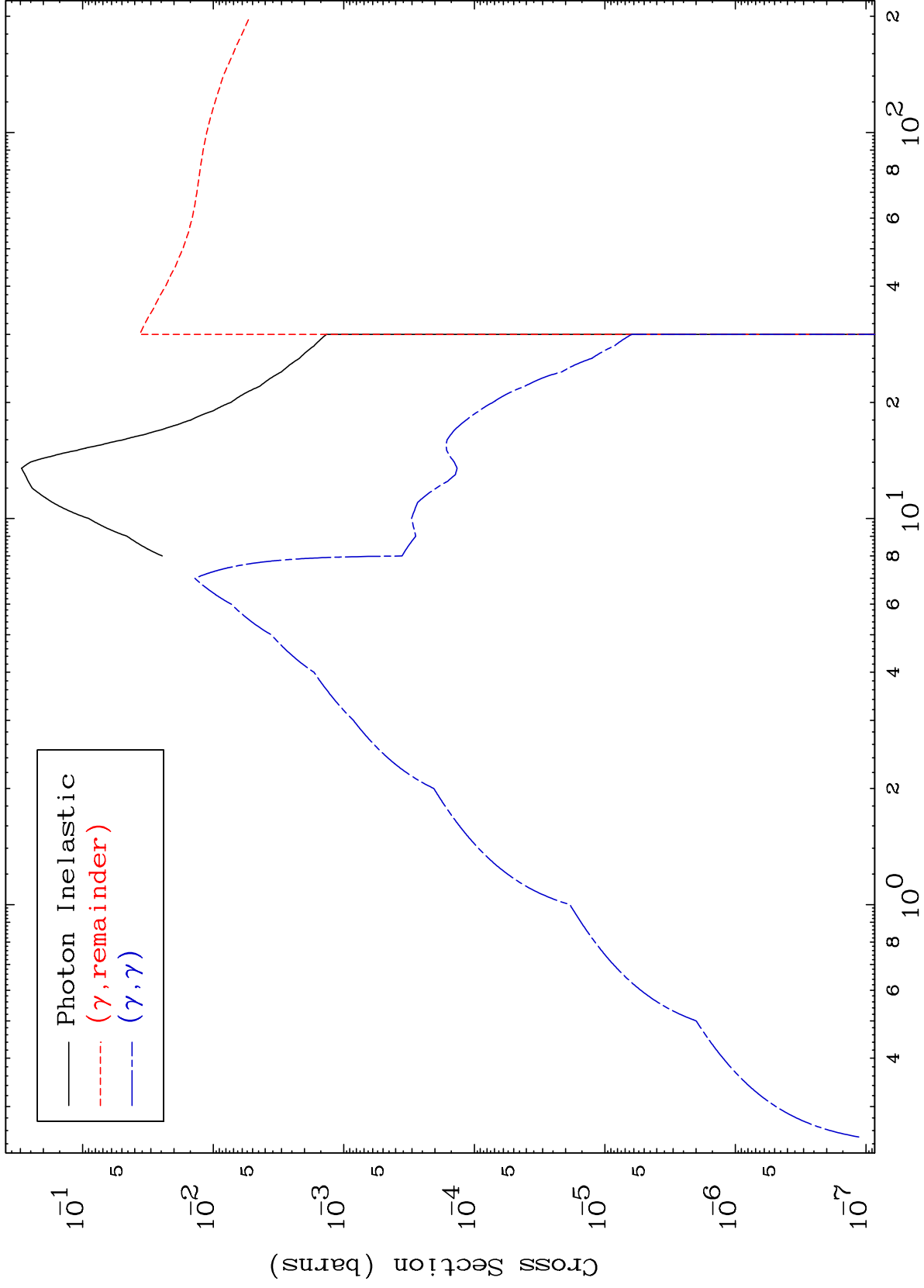
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7131

Photon Major
0 Kelvin Cross Sections

71-Lu-177



1

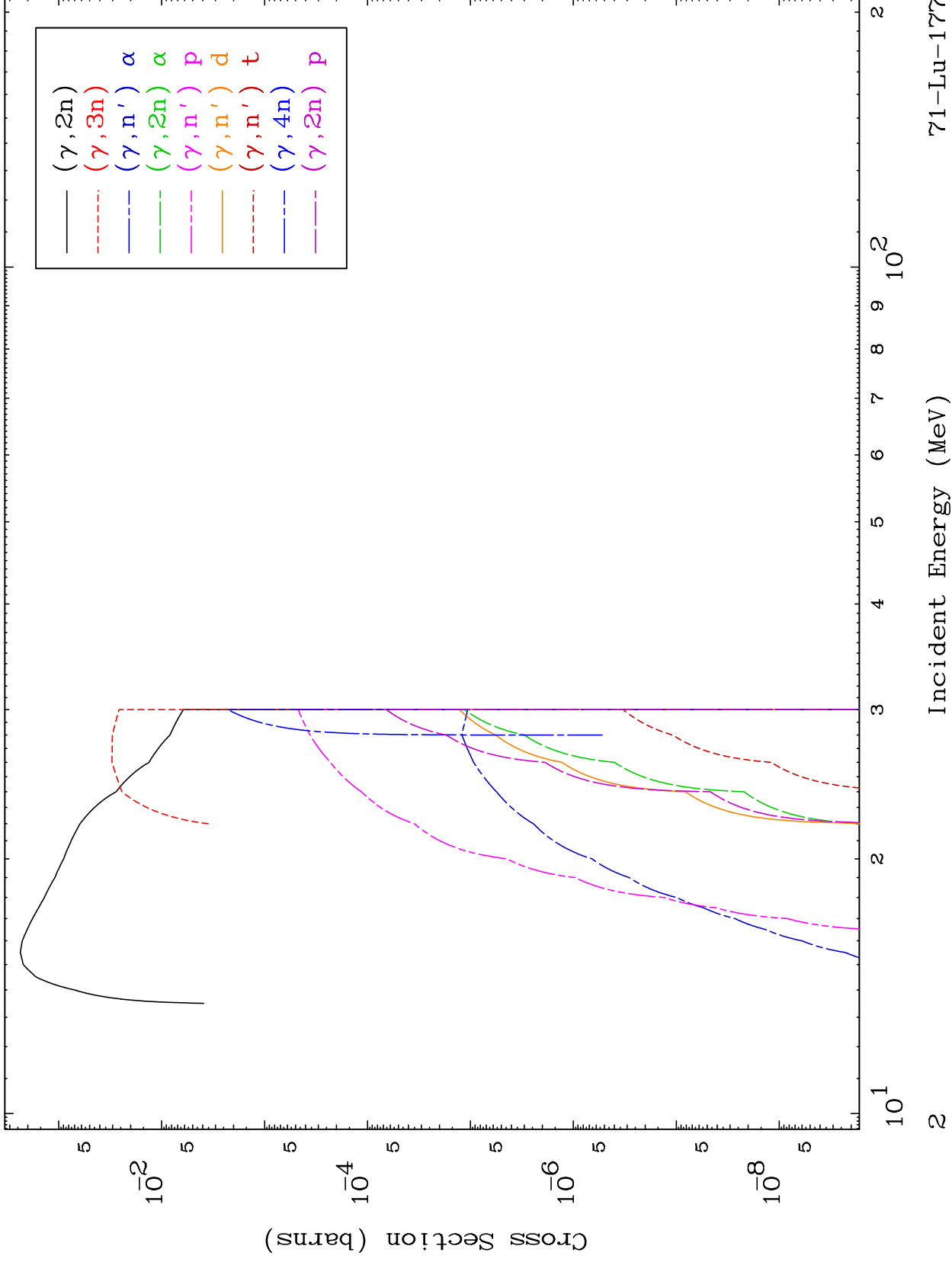
Incident Energy (MeV)

71-Lu-177

MAT 7131

Photon Neutron Production
0 Kelvin Cross Sections

71-Lu-177

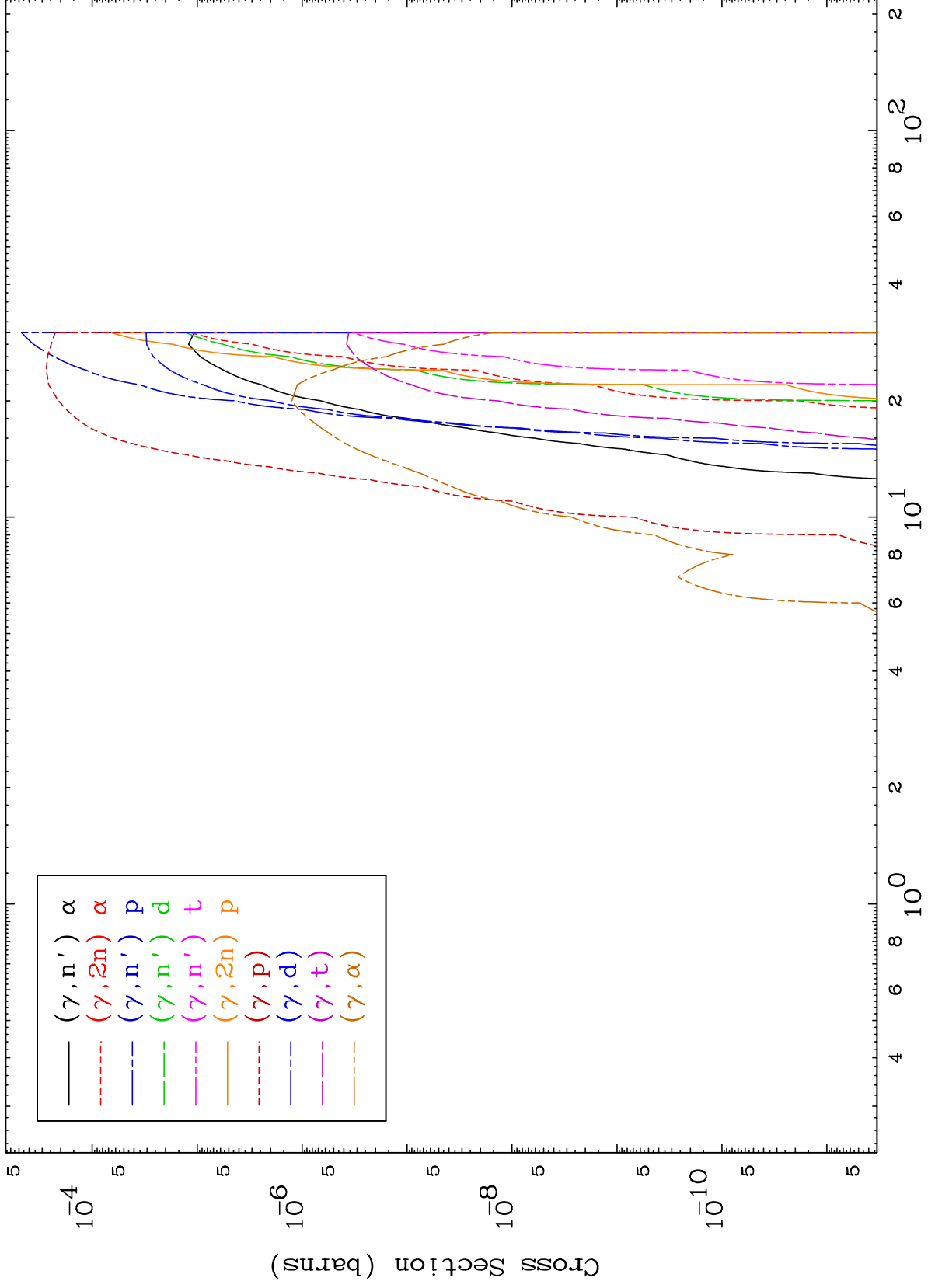


71-Lu-177

MAT 7131

Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-177

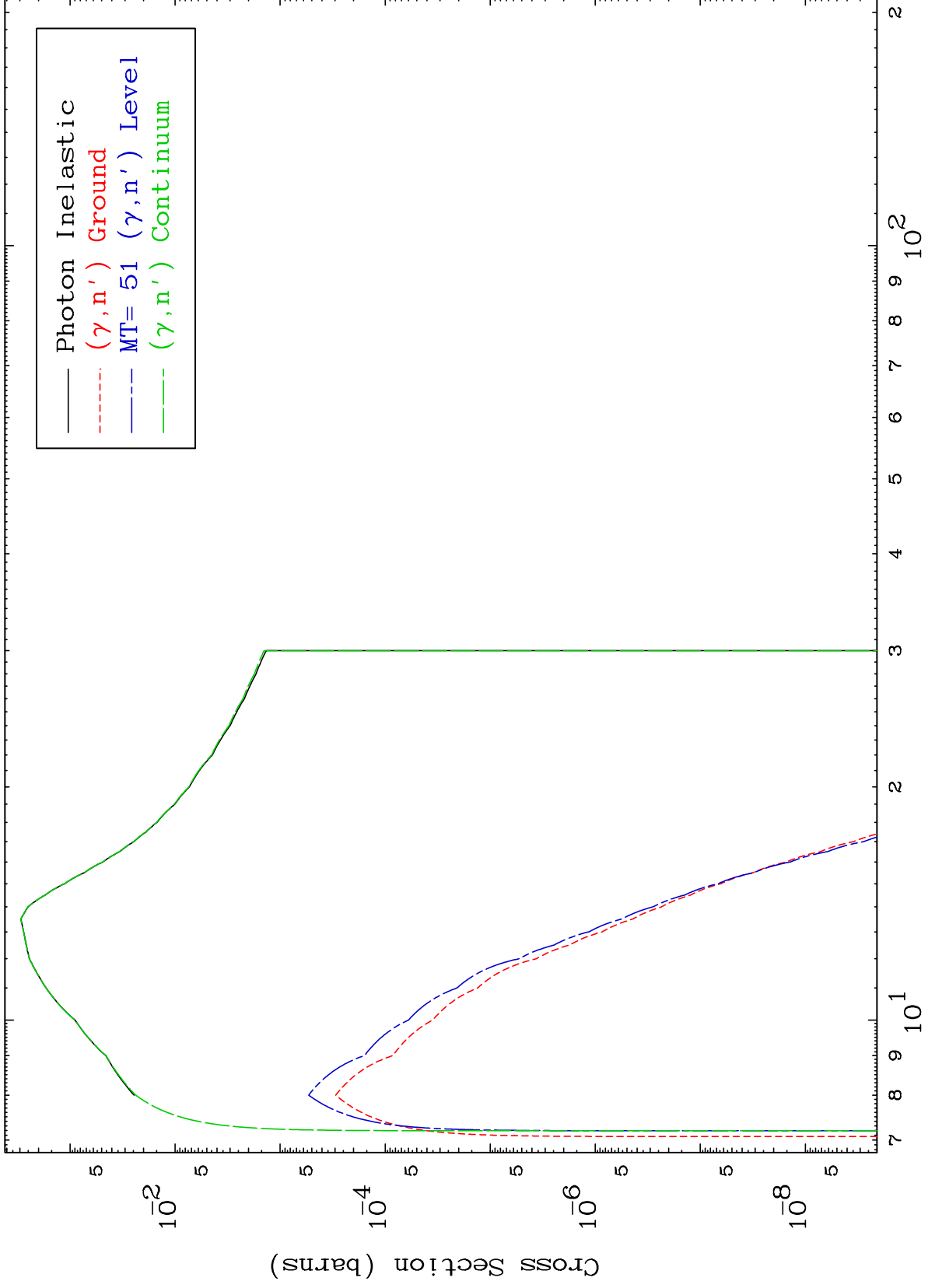


MAT 7131

(γ, n') Level

71-Lu-177

0 Kelvin Cross Sections



4

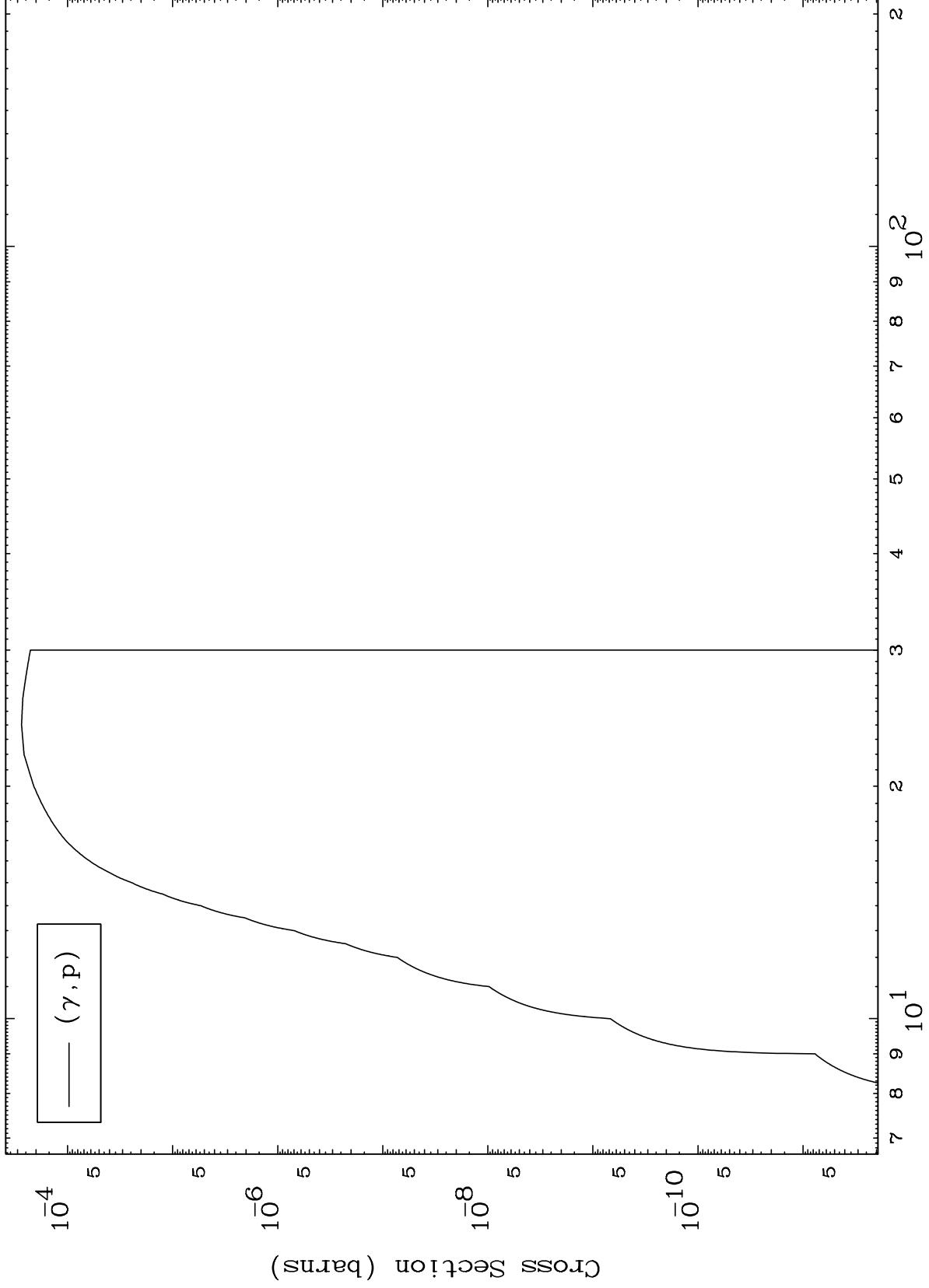
Incident Energy (MeV)

71-Lu-177

MAT 7131

(γ, p) Levels
0 Kelvin Cross Sections

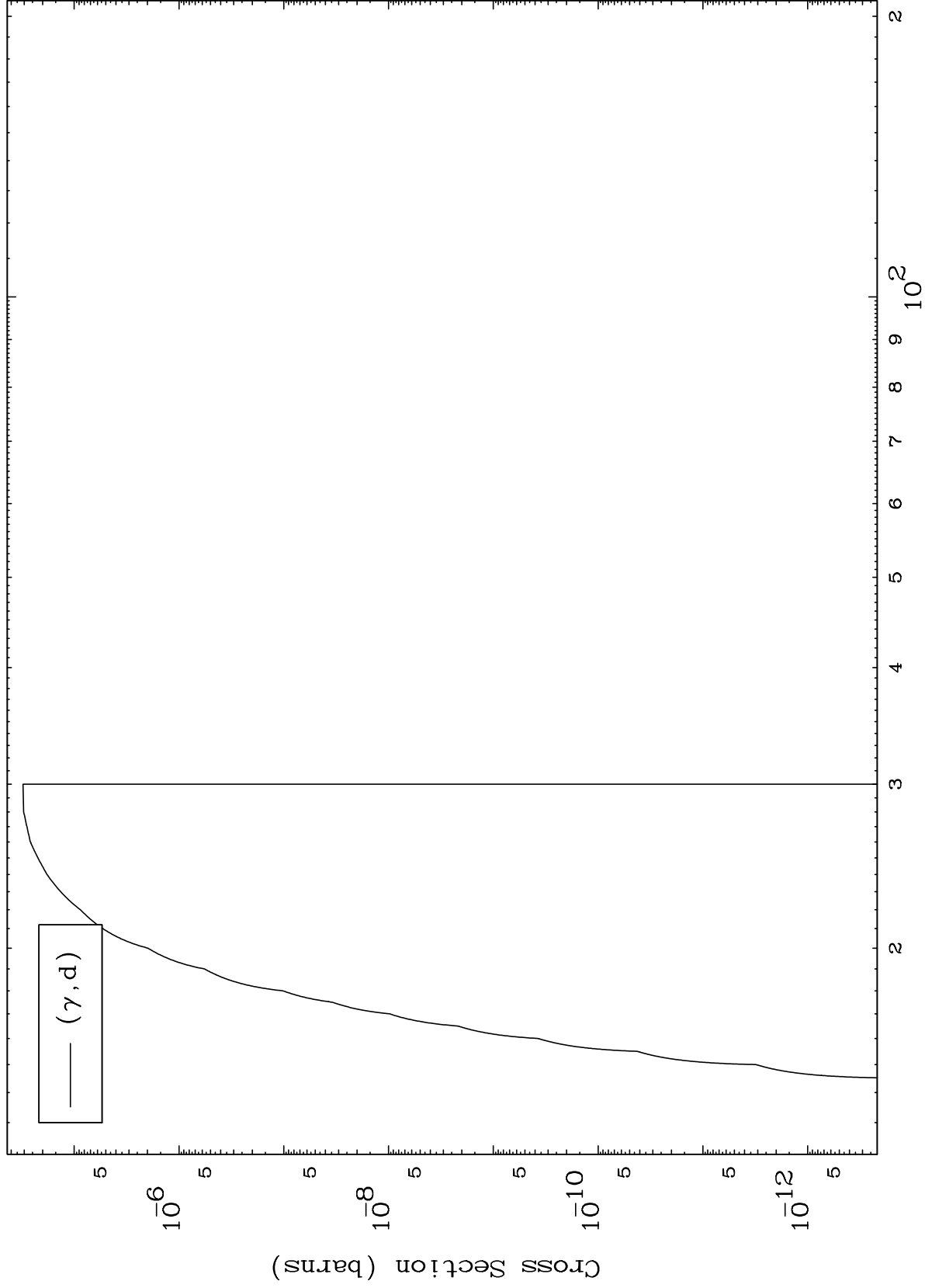
71-Lu-177



5

Incident Energy (MeV)

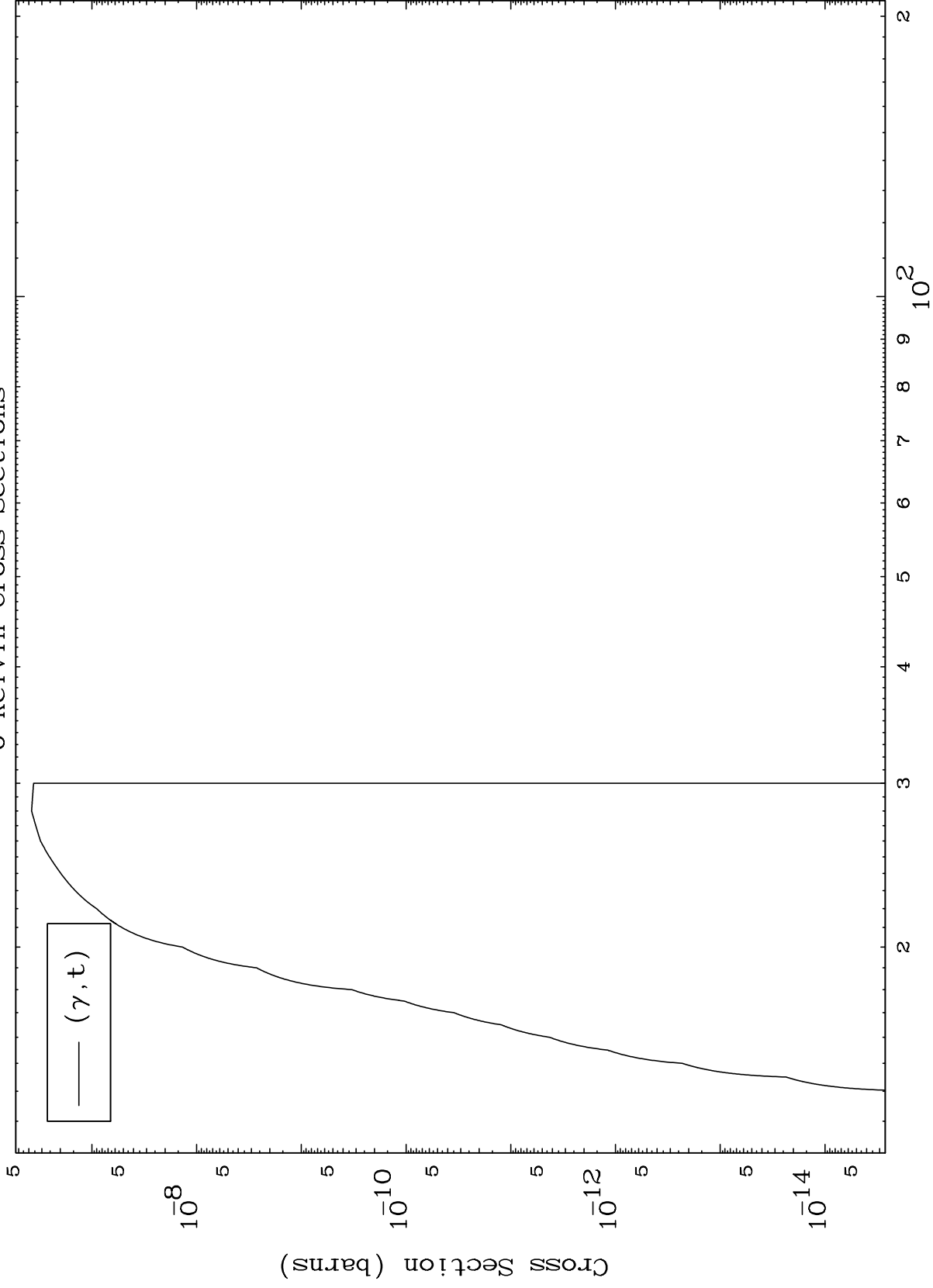
71-Lu-177



MAT 7131

(γ, t) Levels
0 Kelvin Cross Sections

71-Lu-177



7

Incident Energy (MeV)

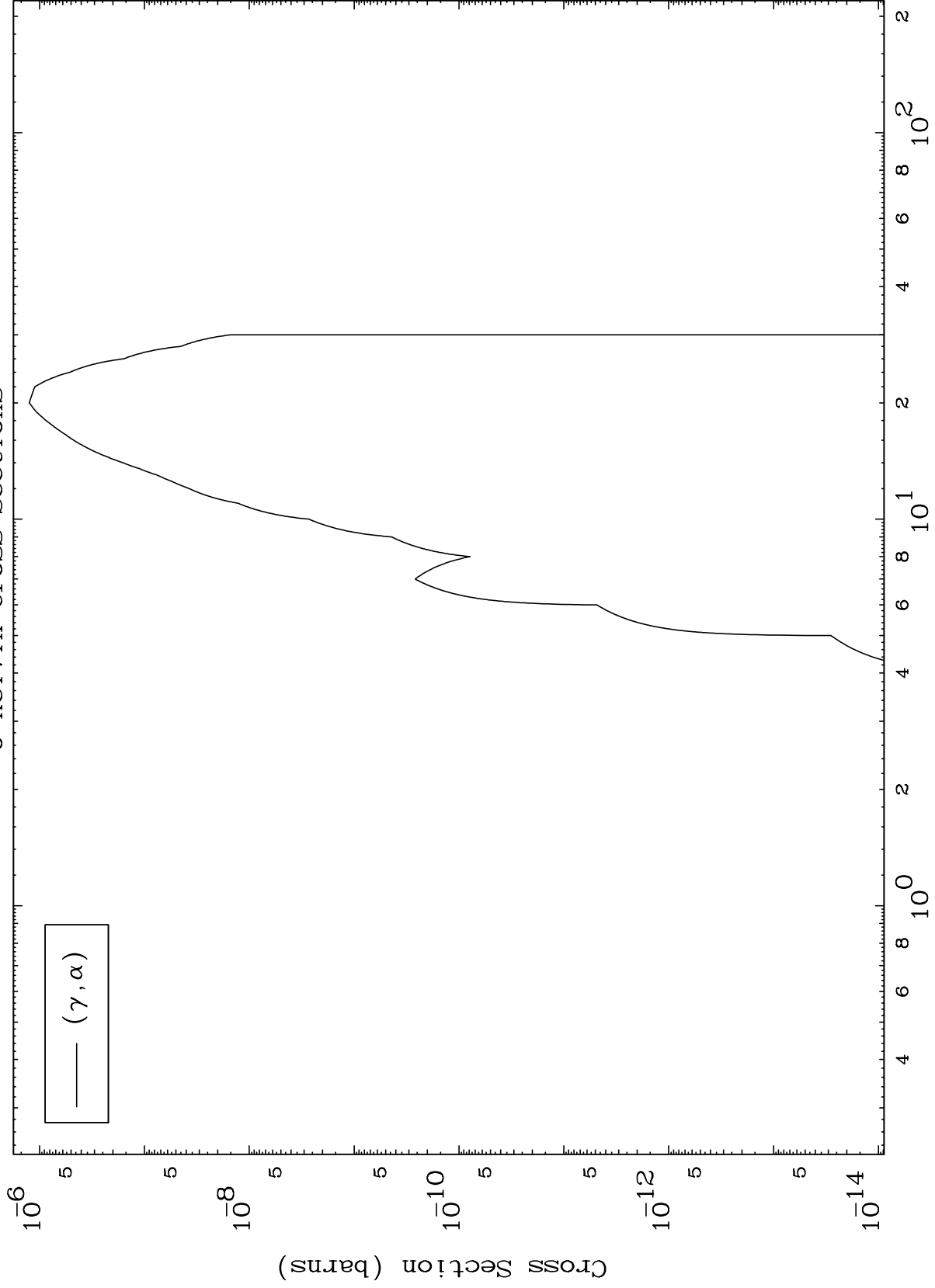
71-Lu-177

MAT 7131

(γ, α) Levels

71-Lu-177

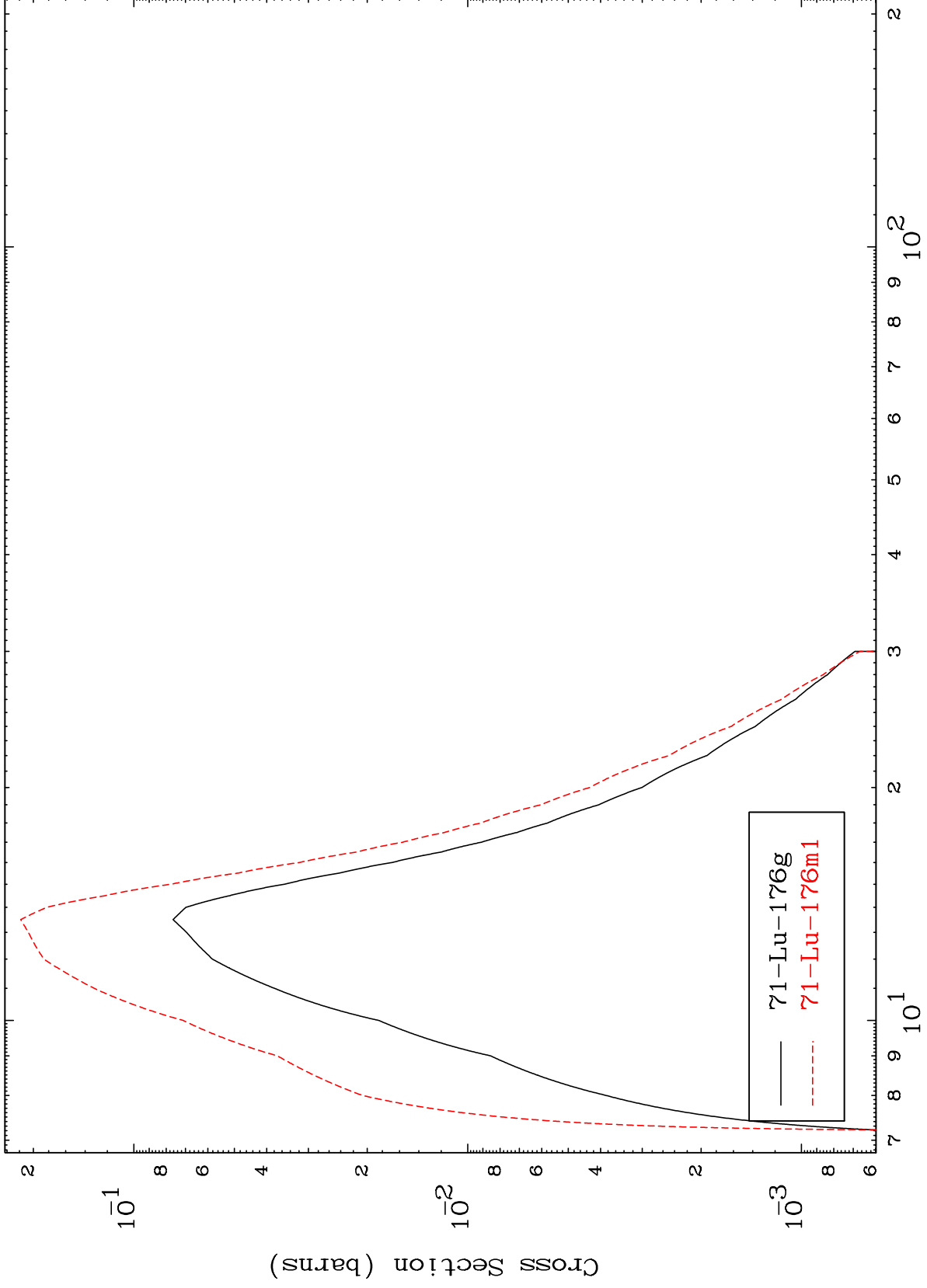
0 Kelvin Cross Sections



MAT 7131

Photon Inelastic
Radionuclide Production Cross Section

⁷¹Lu-177



Incident Energy (MeV)

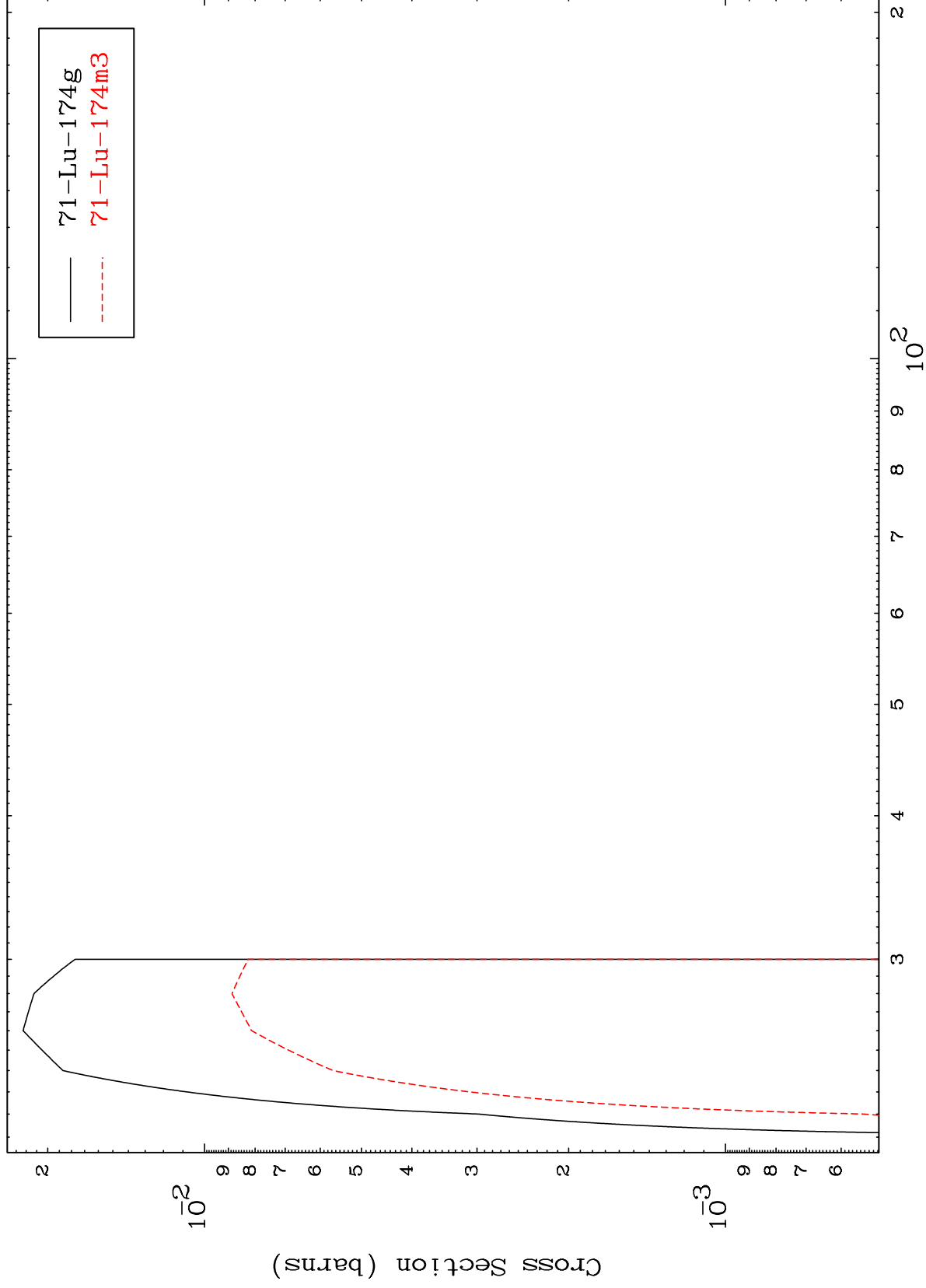
⁷¹Lu-177

9

MAT 7131

71-Lu-177

($\gamma, 3n$)
Radionuclide Production Cross Section



10

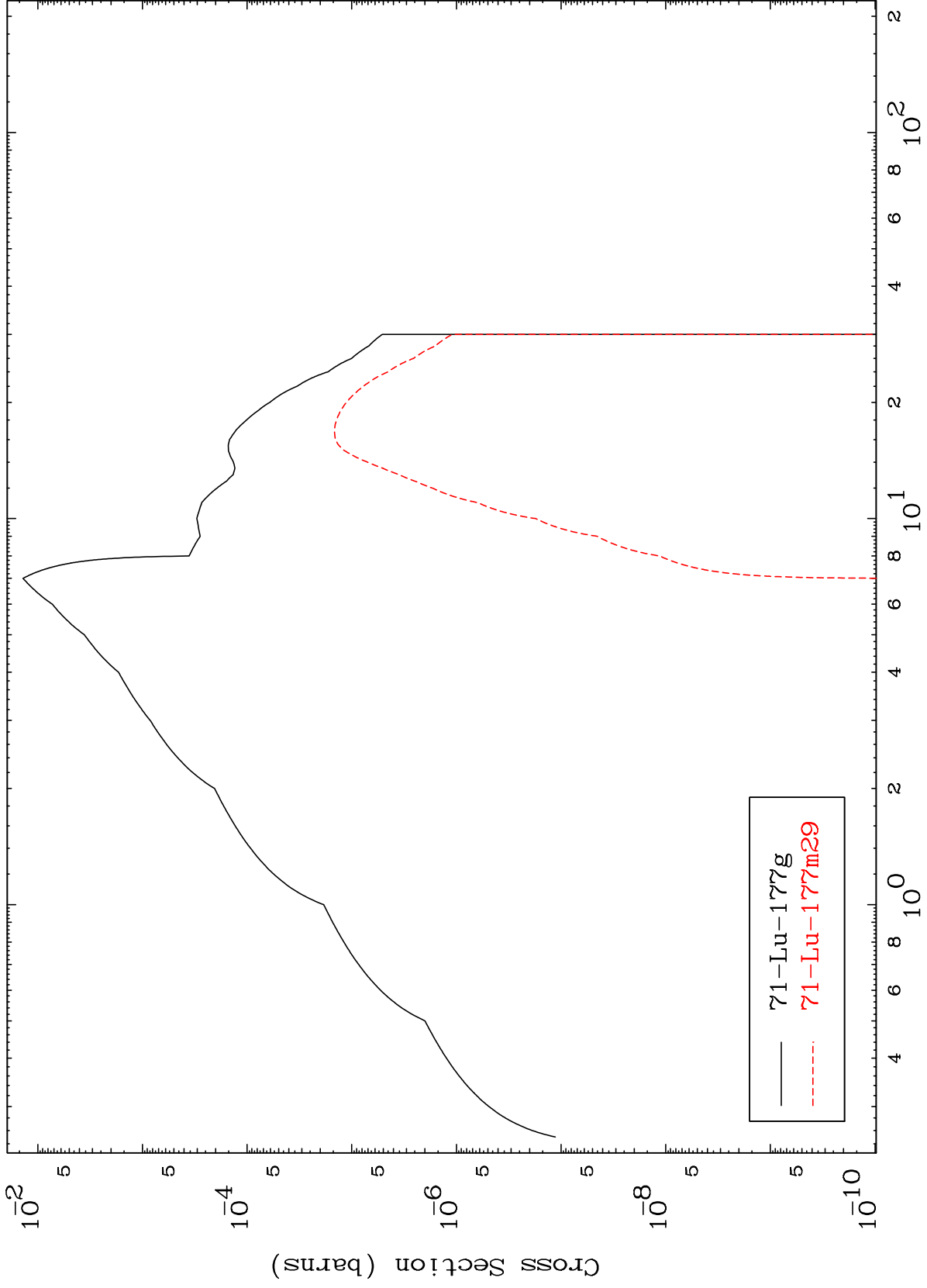
Incident Energy (MeV)

71-Lu-177

MAT 7131

71-Lu-177

(γ, γ)
Radionuclide Production Cross Section



11

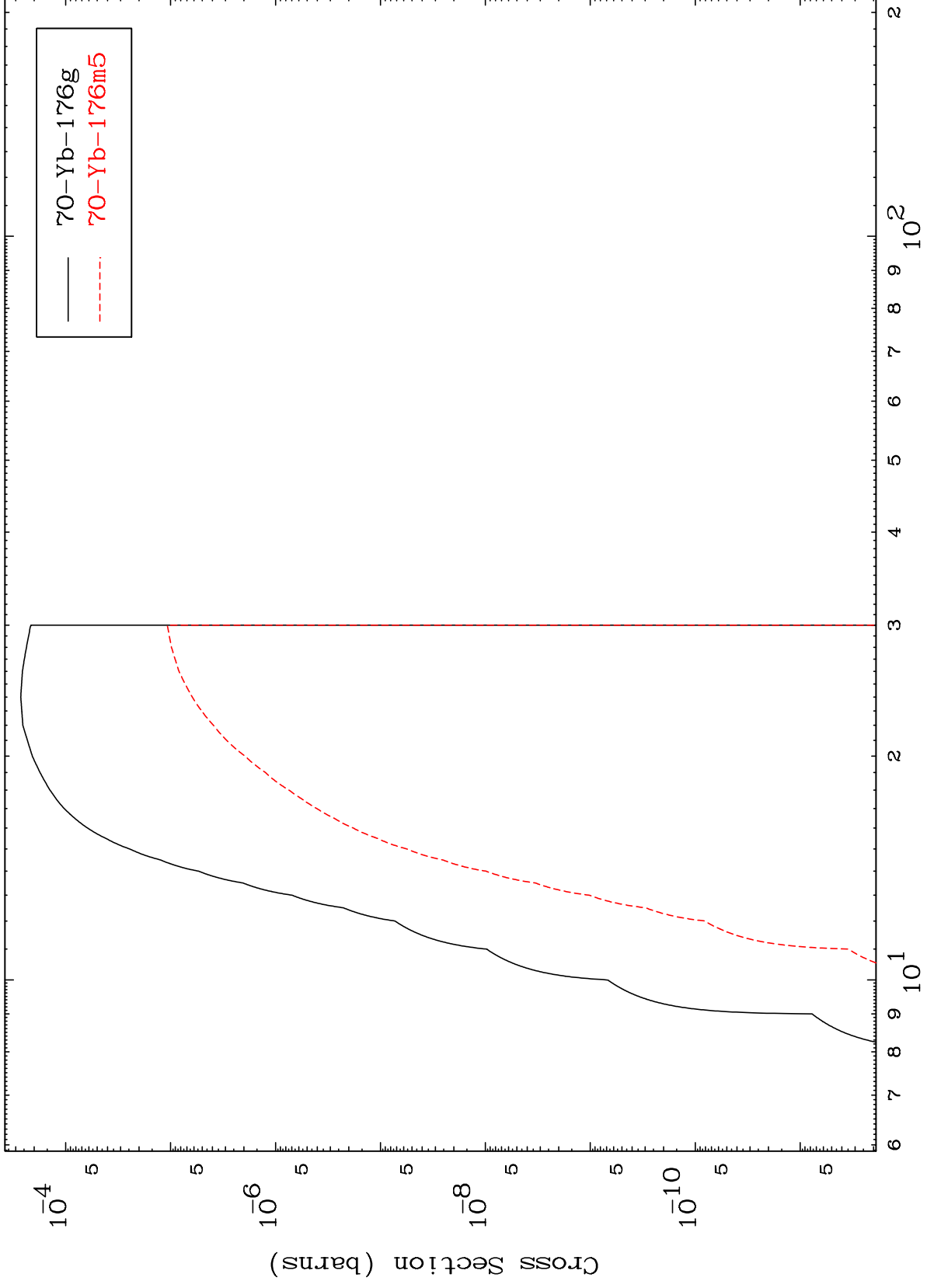
Incident Energy (MeV)

71-Lu-177

MAT 7131

71-Lu-177

(γ, p)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

71-Lu-177