

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

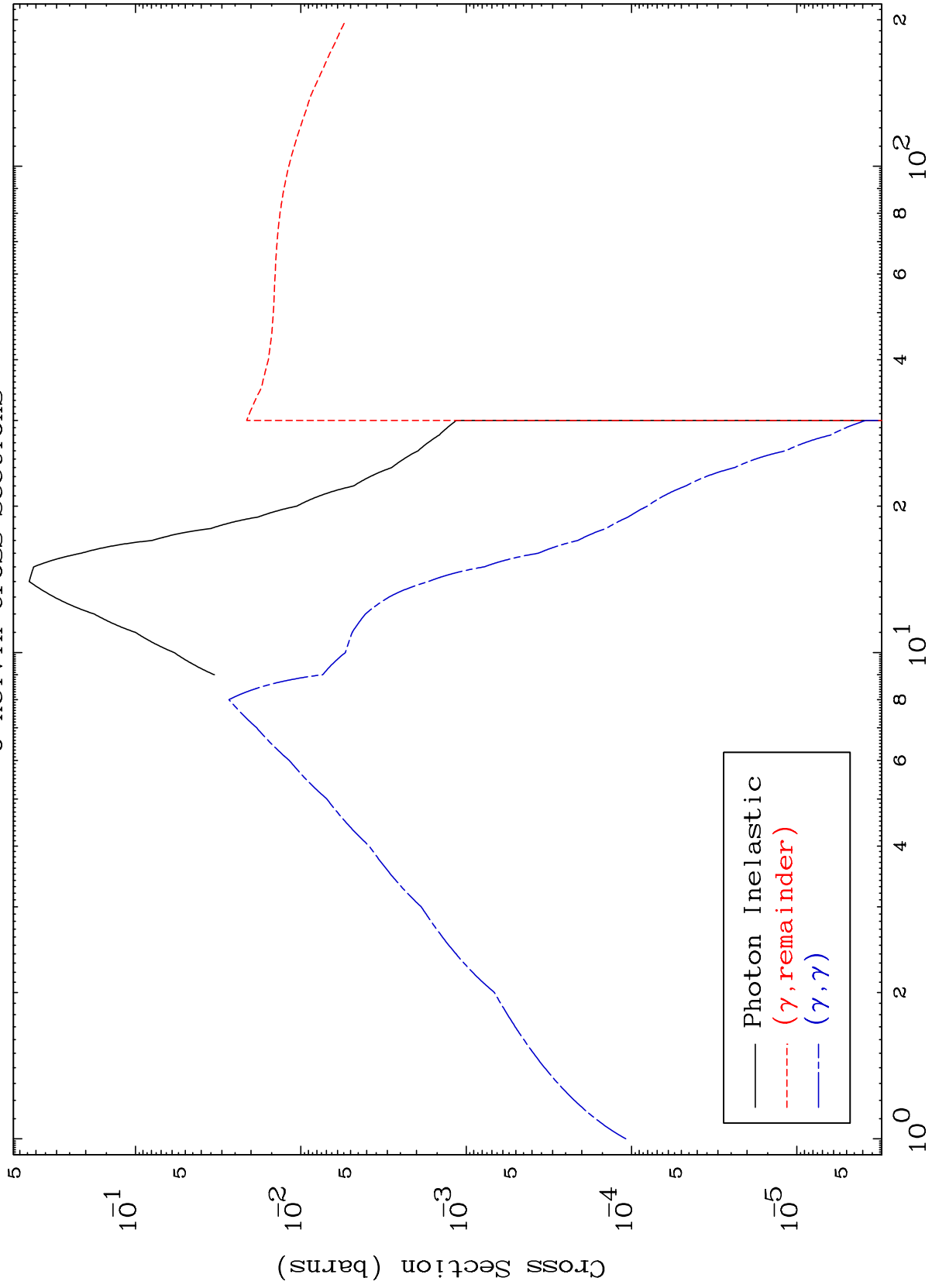
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

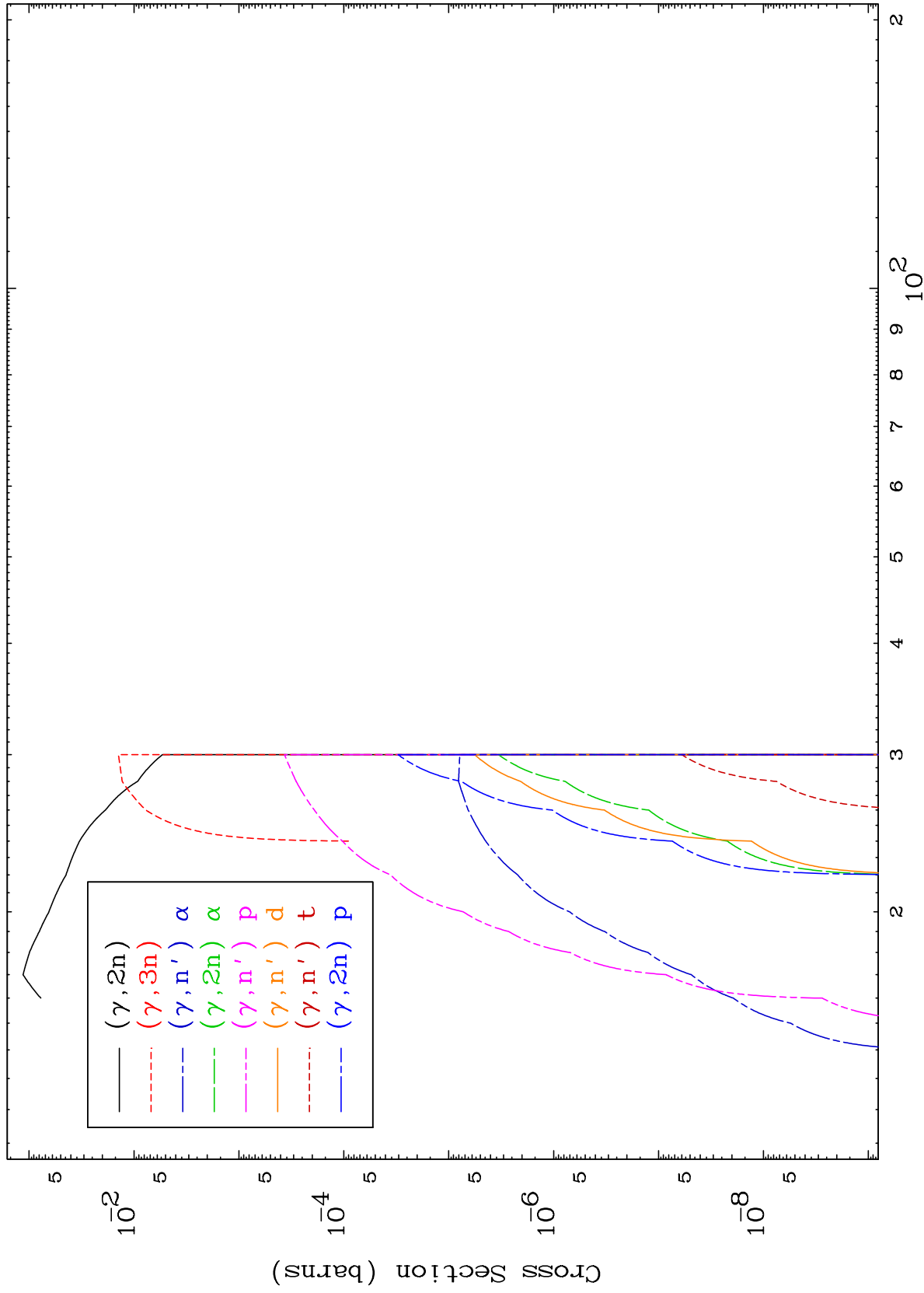
MAT 7119

Photon Major
0 Kelvin Cross Sections

71-Lu-173



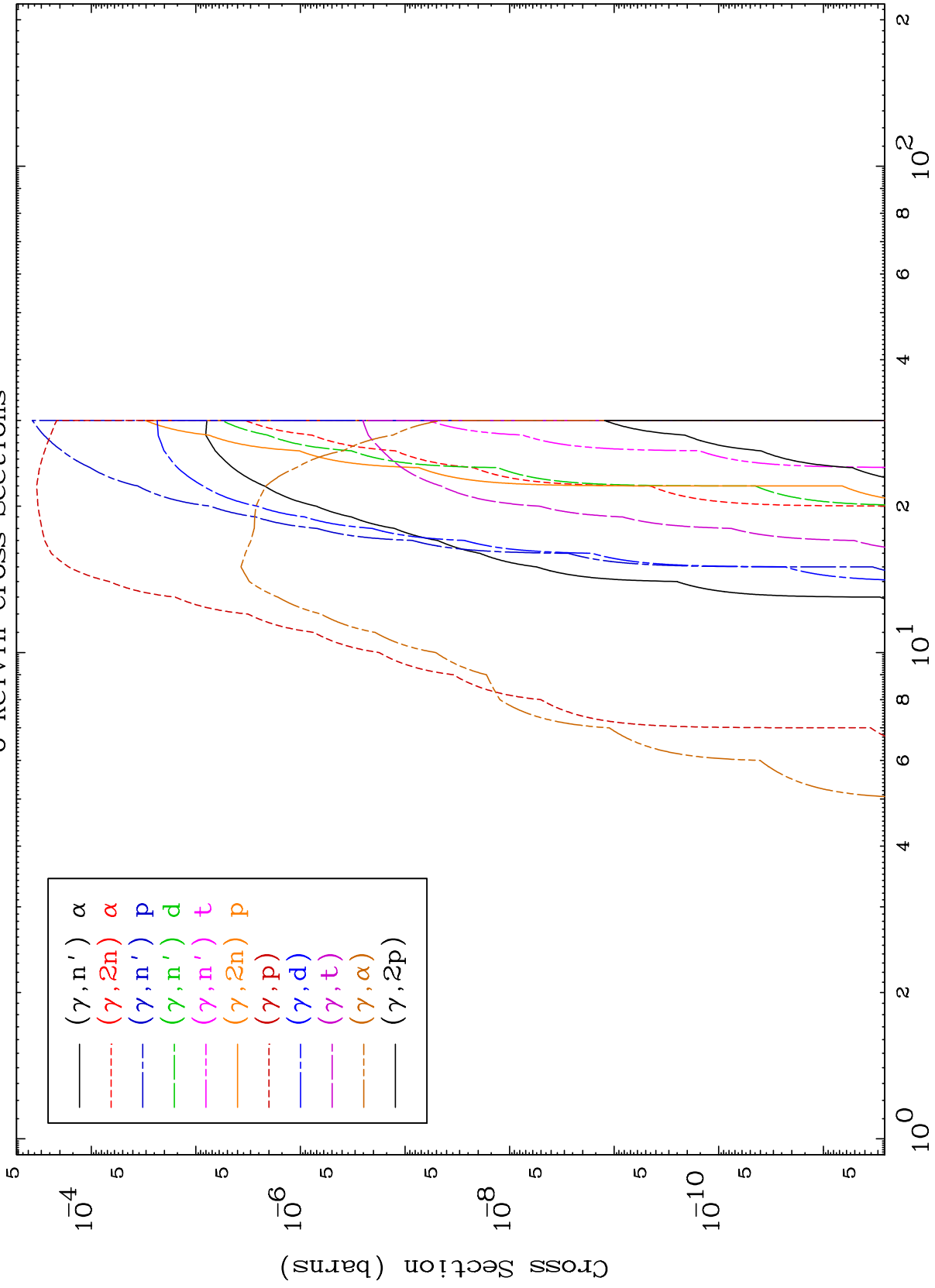
71-Lu-173



MAT 7119

Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-173



Incident Energy (MeV)

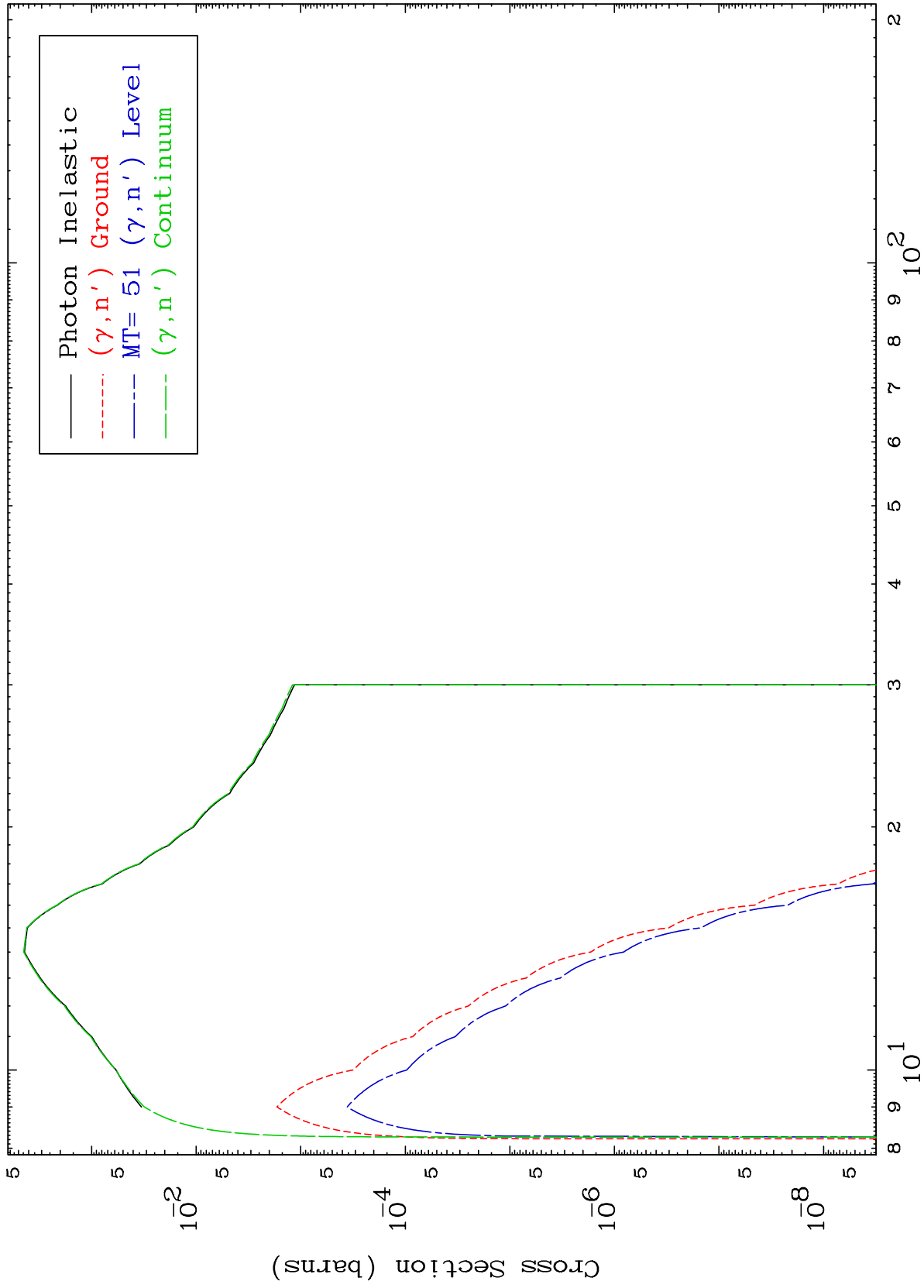
71-Lu-173

MAT 7119

(γ, n') Level

71-Lu-173

0 Kelvin Cross Sections



4

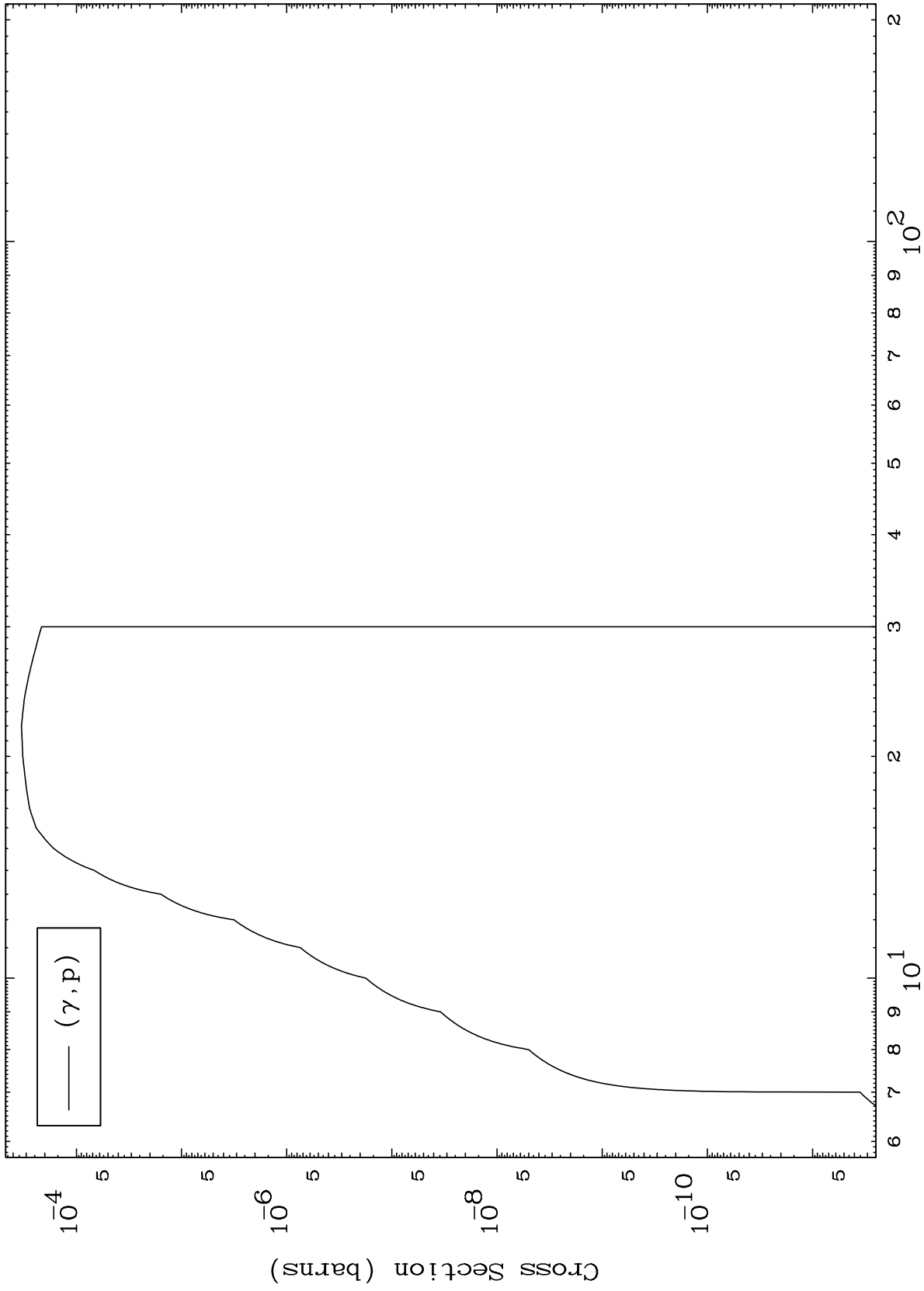
Incident Energy (MeV)

71-Lu-173

MAT 7119

(γ, p) Levels
0 Kelvin Cross Sections

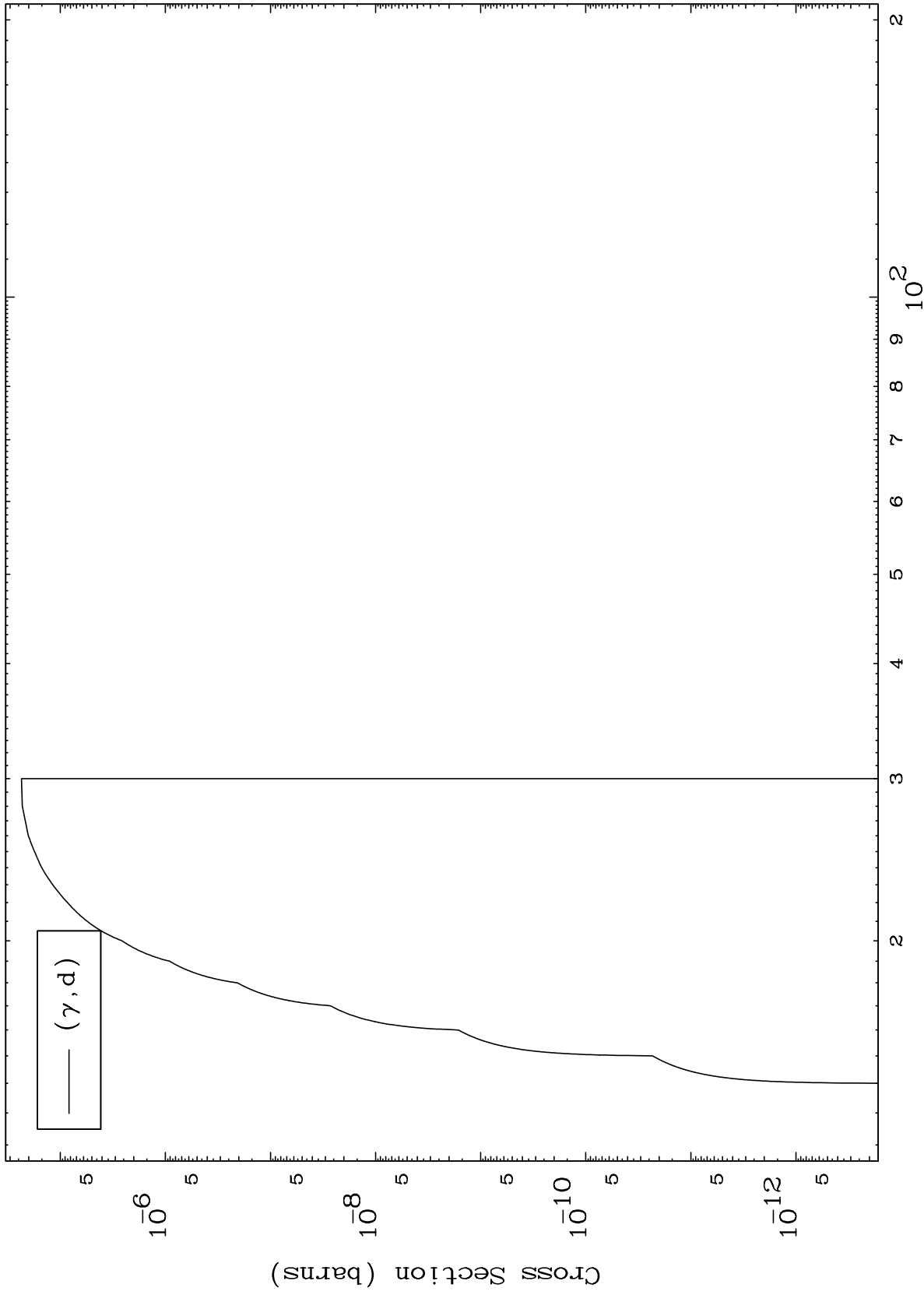
71-Lu-173



5

Incident Energy (MeV)

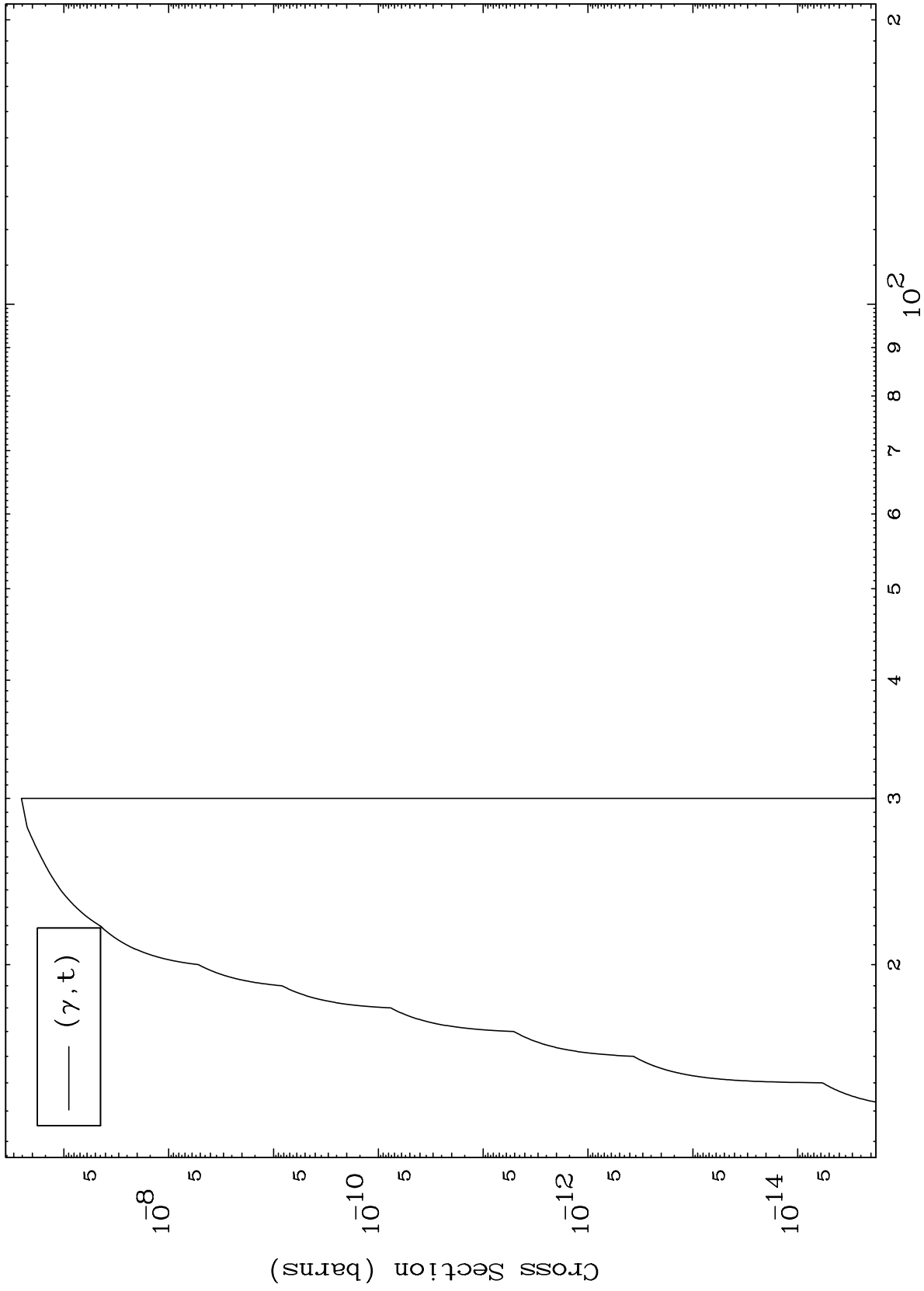
71-Lu-173



MAT 7119

(γ, t) Levels
0 Kelvin Cross Sections

⁷¹Lu-173



7

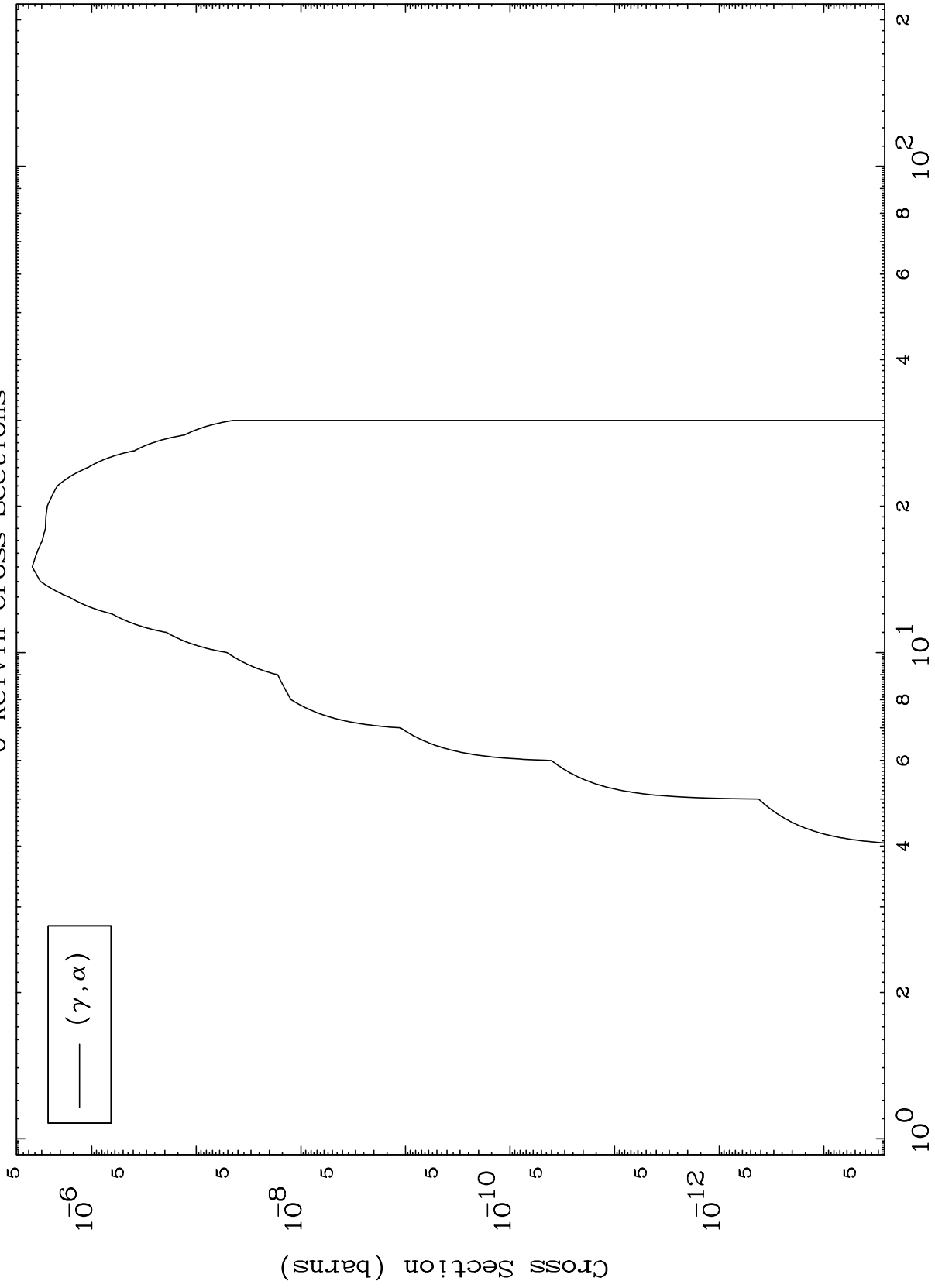
Incident Energy (MeV)

⁷¹Lu-173

MAT 7119

(γ, α) Levels
0 Kelvin Cross Sections

71-Lu-173



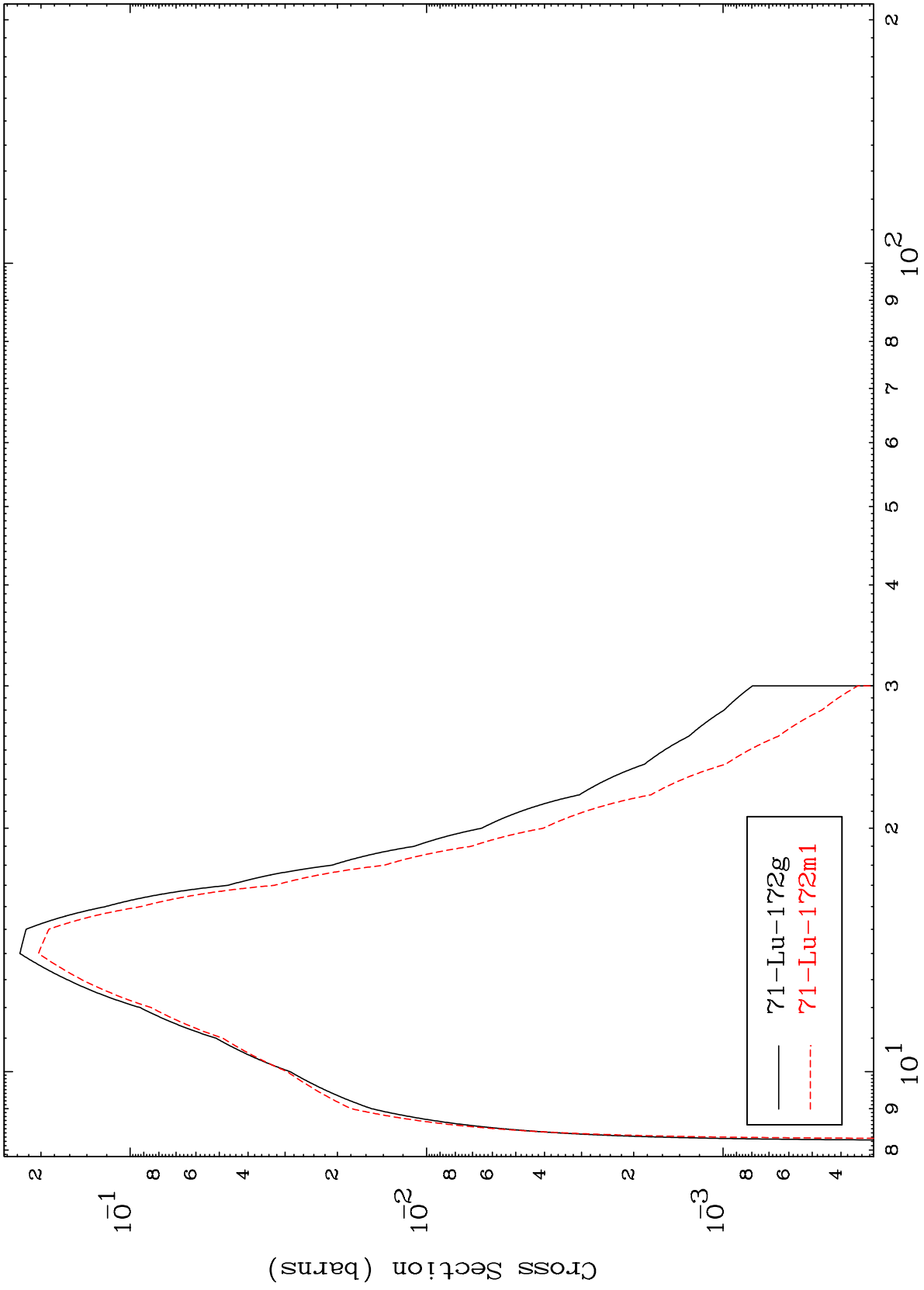
Incident Energy (MeV)

71-Lu-173

MAT 7119

Photon Inelastic
Radionuclide Production Cross Section

71-Lu-173



9

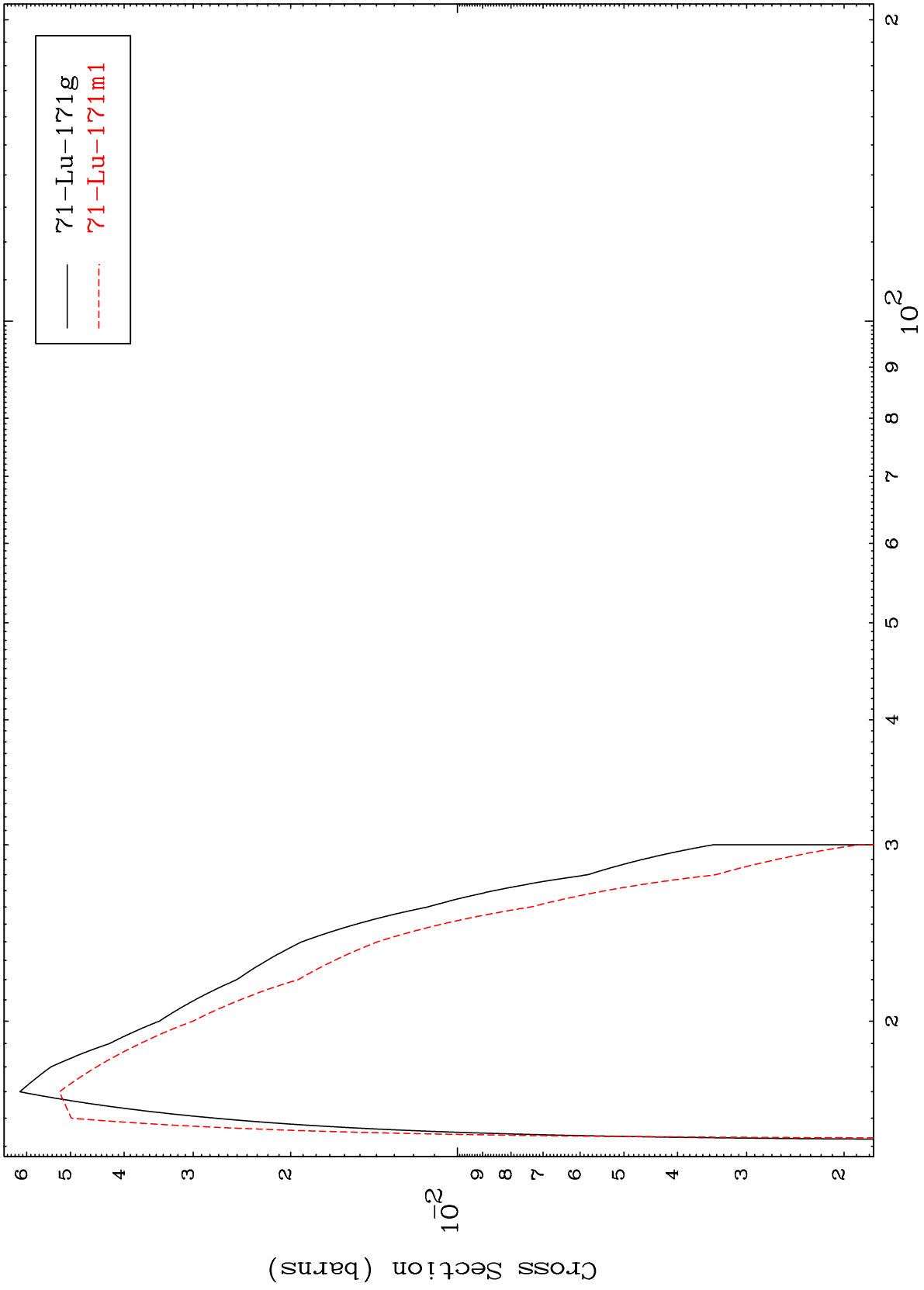
Incident Energy (MeV)

71-Lu-173

MAT 7119

71-Lu-173

($\gamma, 2n$)
Radionuclide Production Cross Section



10

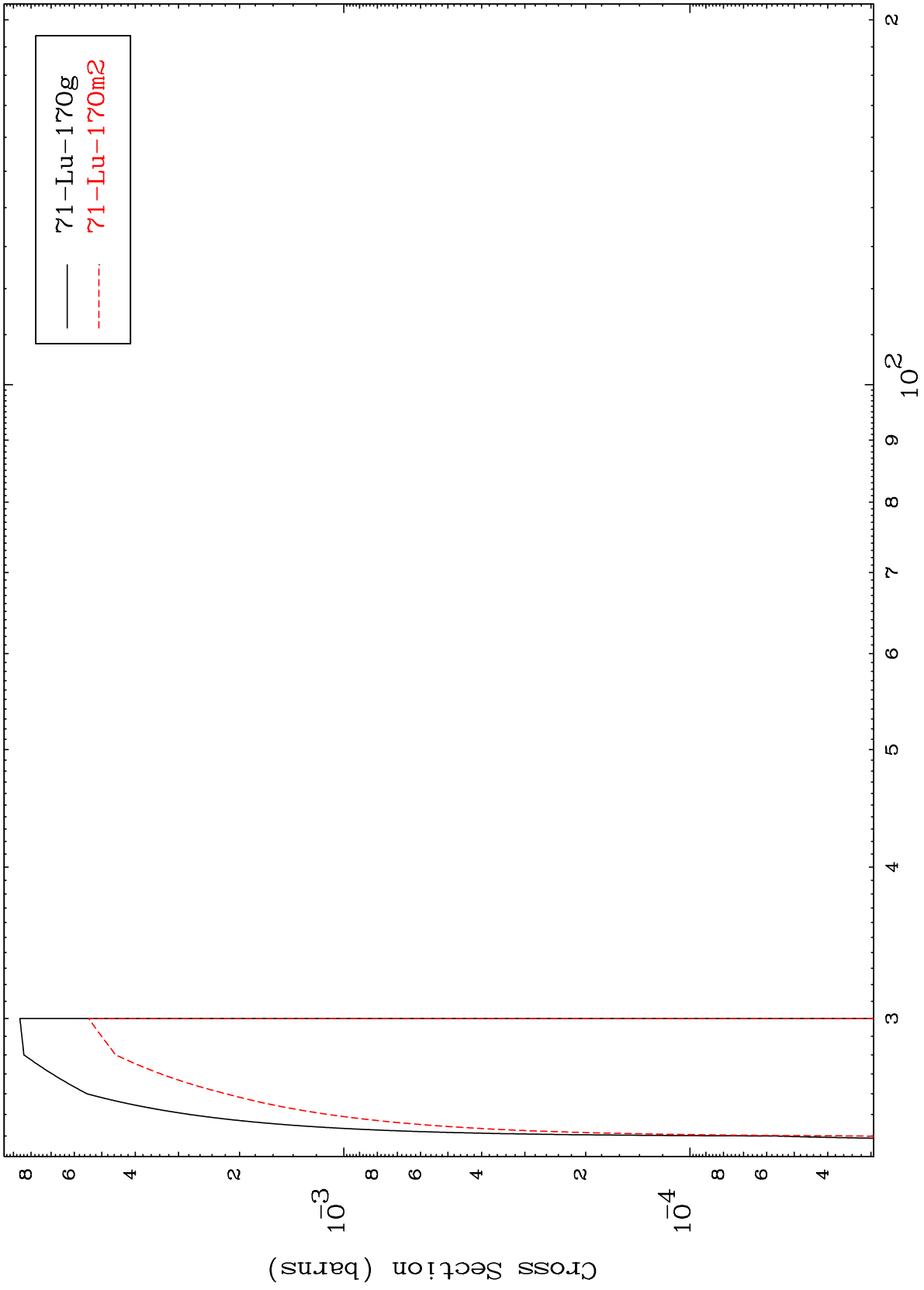
Incident Energy (MeV)

71-Lu-173

MAT 7119

71-Lu-173

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



11

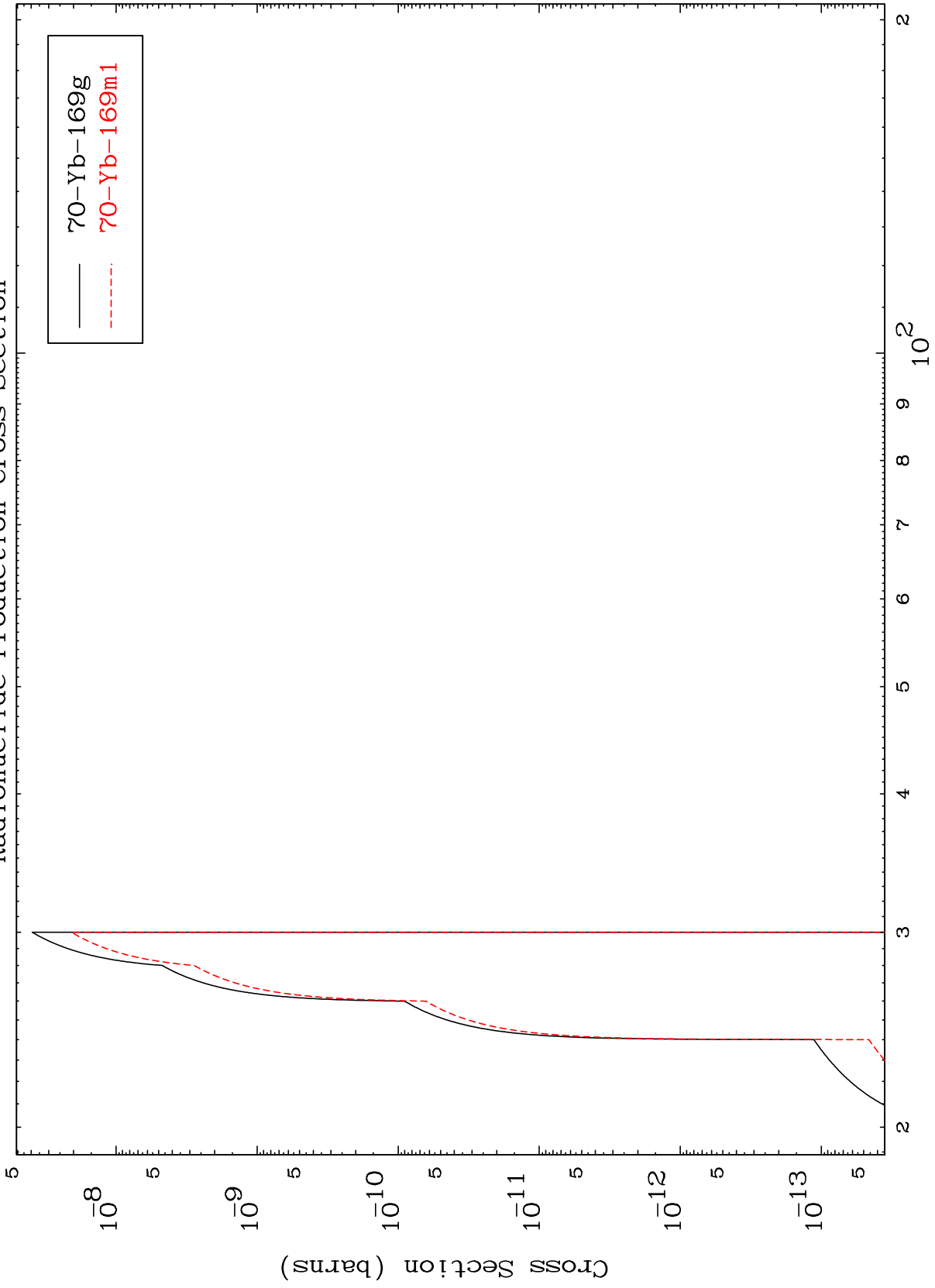
71-Lu-173

MAT 7119

(γ, n') t

⁷¹Lu-173

Radionuclide Production Cross Section



12

Incident Energy (MeV)

⁷¹Lu-173