

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

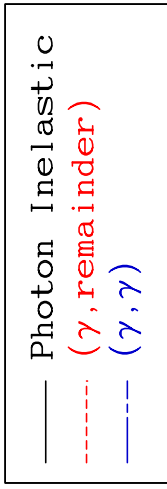
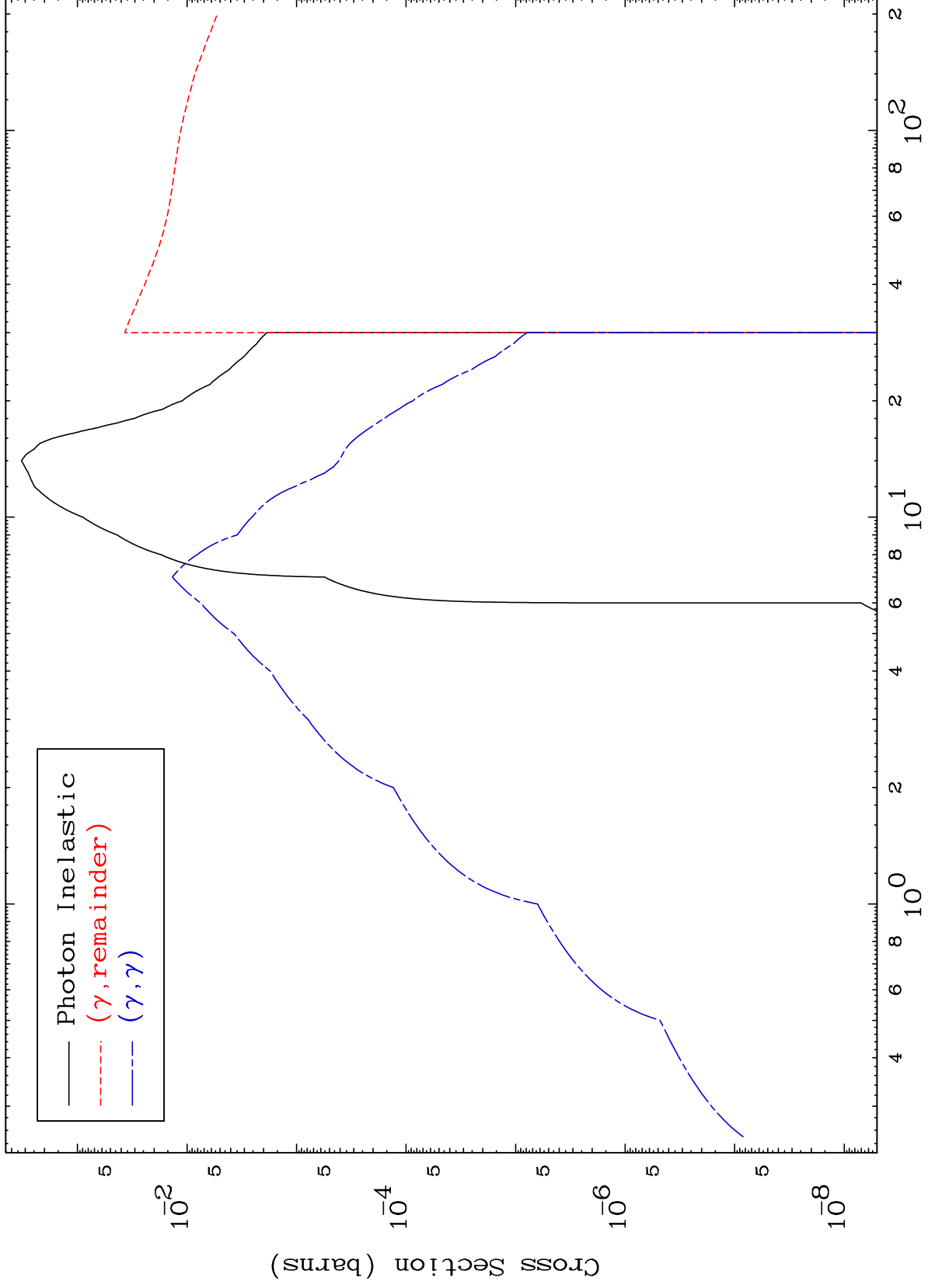
Press Mouse Button to Start

MAT 7242

Photon Major

72-Hf-179

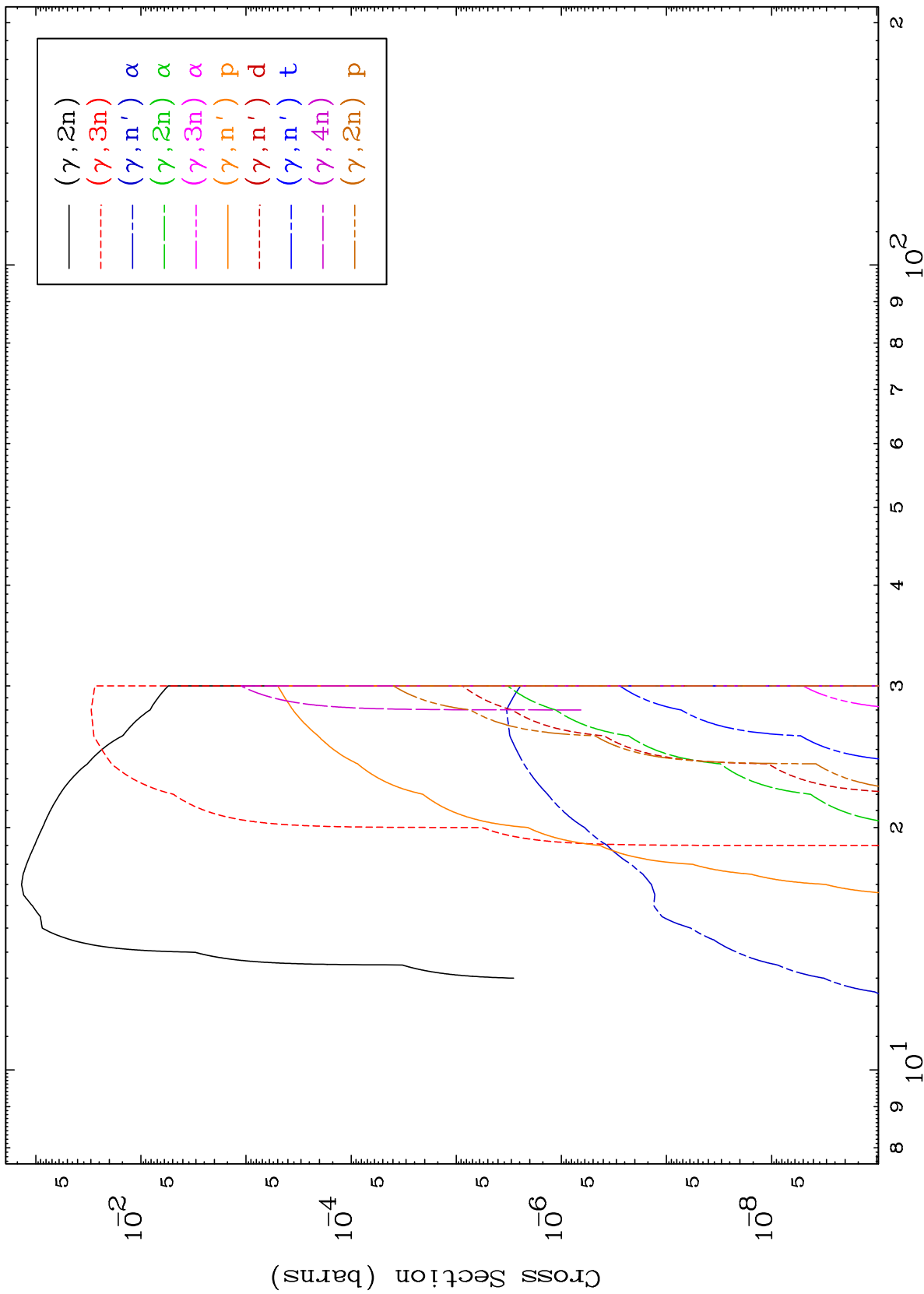
0 Kelvin Cross Sections



Incident Energy (MeV)

72-Hf-179

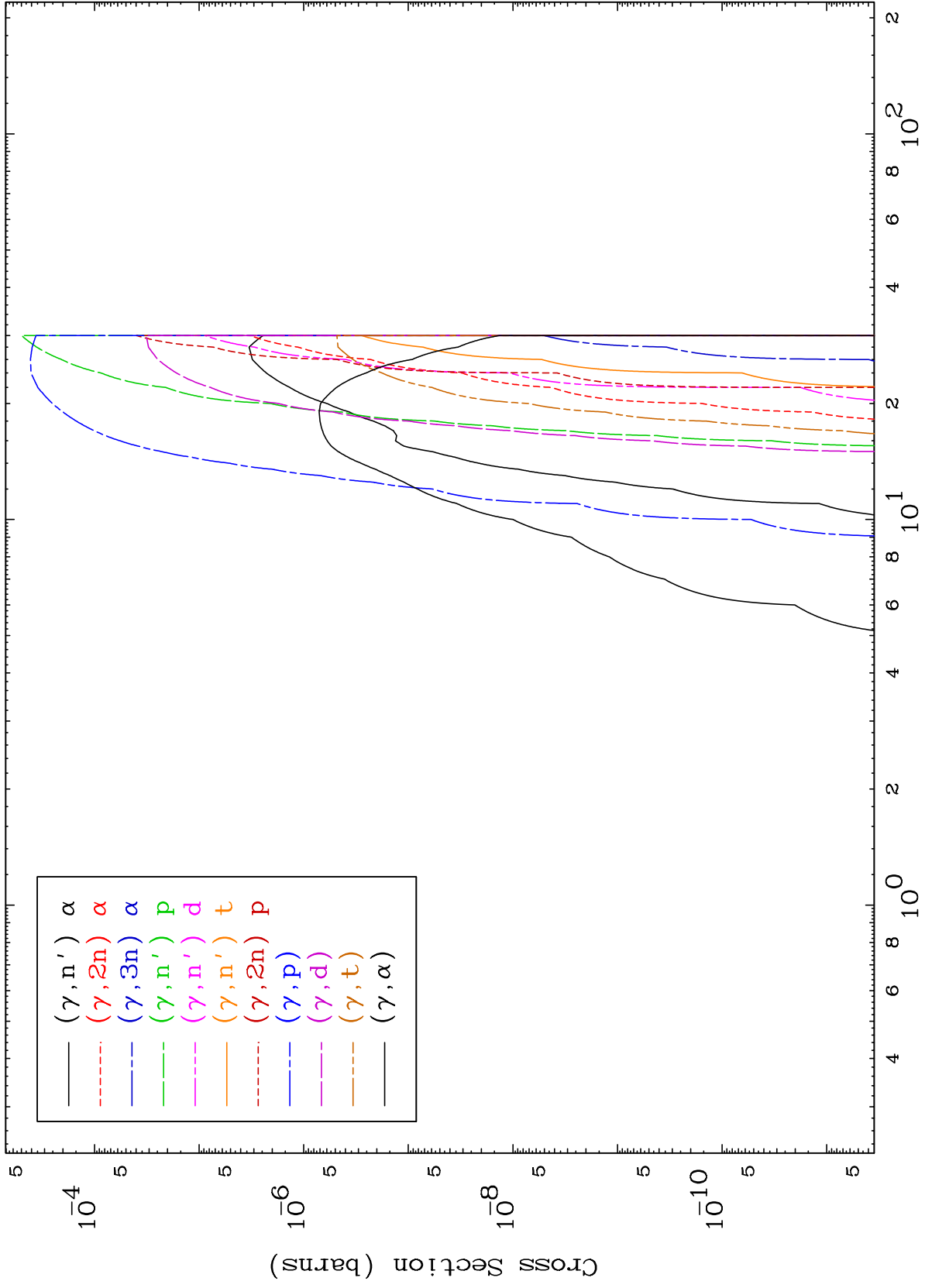
1



MAT 7242

Photon Charged Particle
0 Kelvin Cross Sections

72-Hf-179

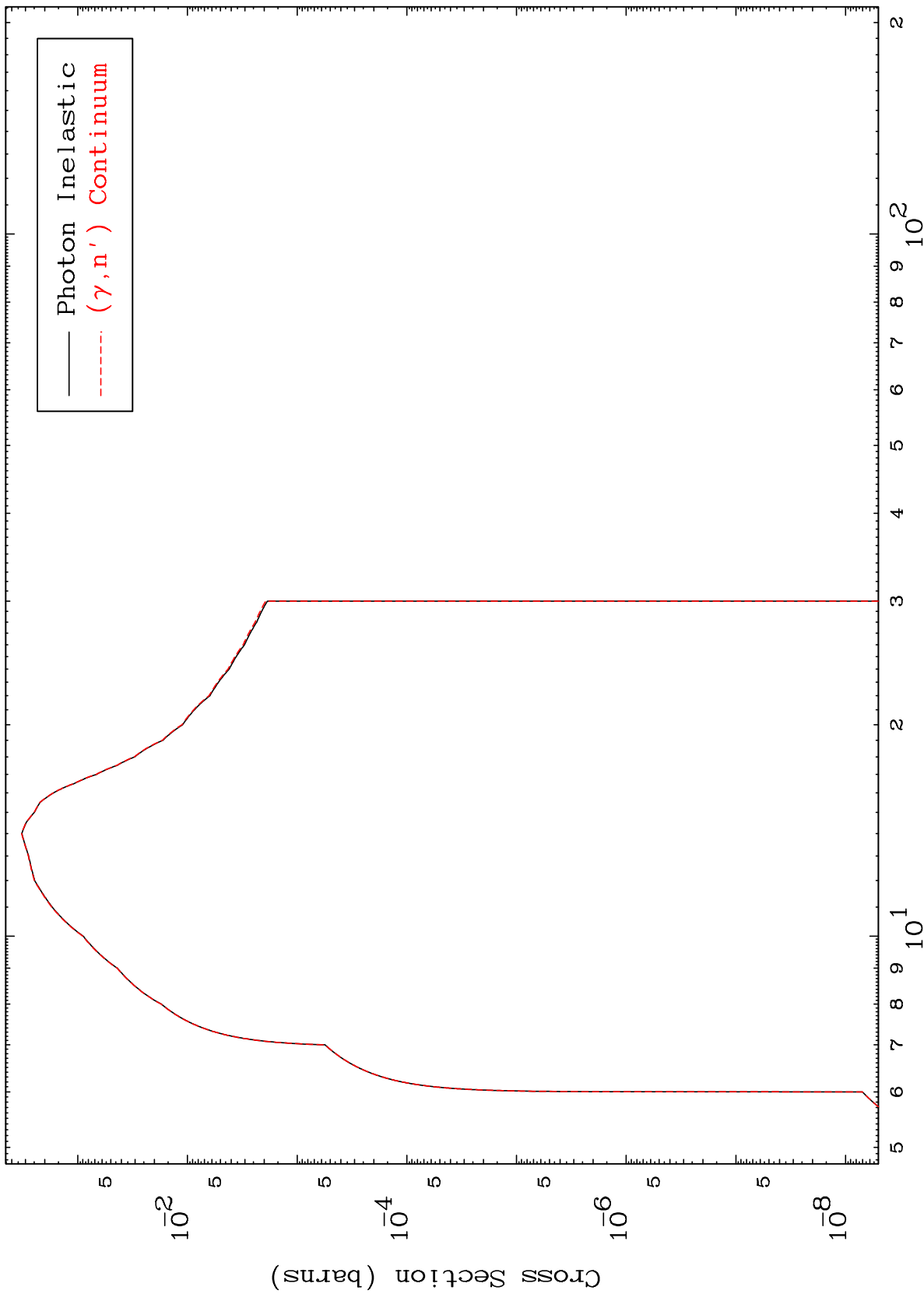


MAT 7242

(γ, n') Level

72-Hf-179

0 Kelvin Cross Sections



4

Incident Energy (MeV)

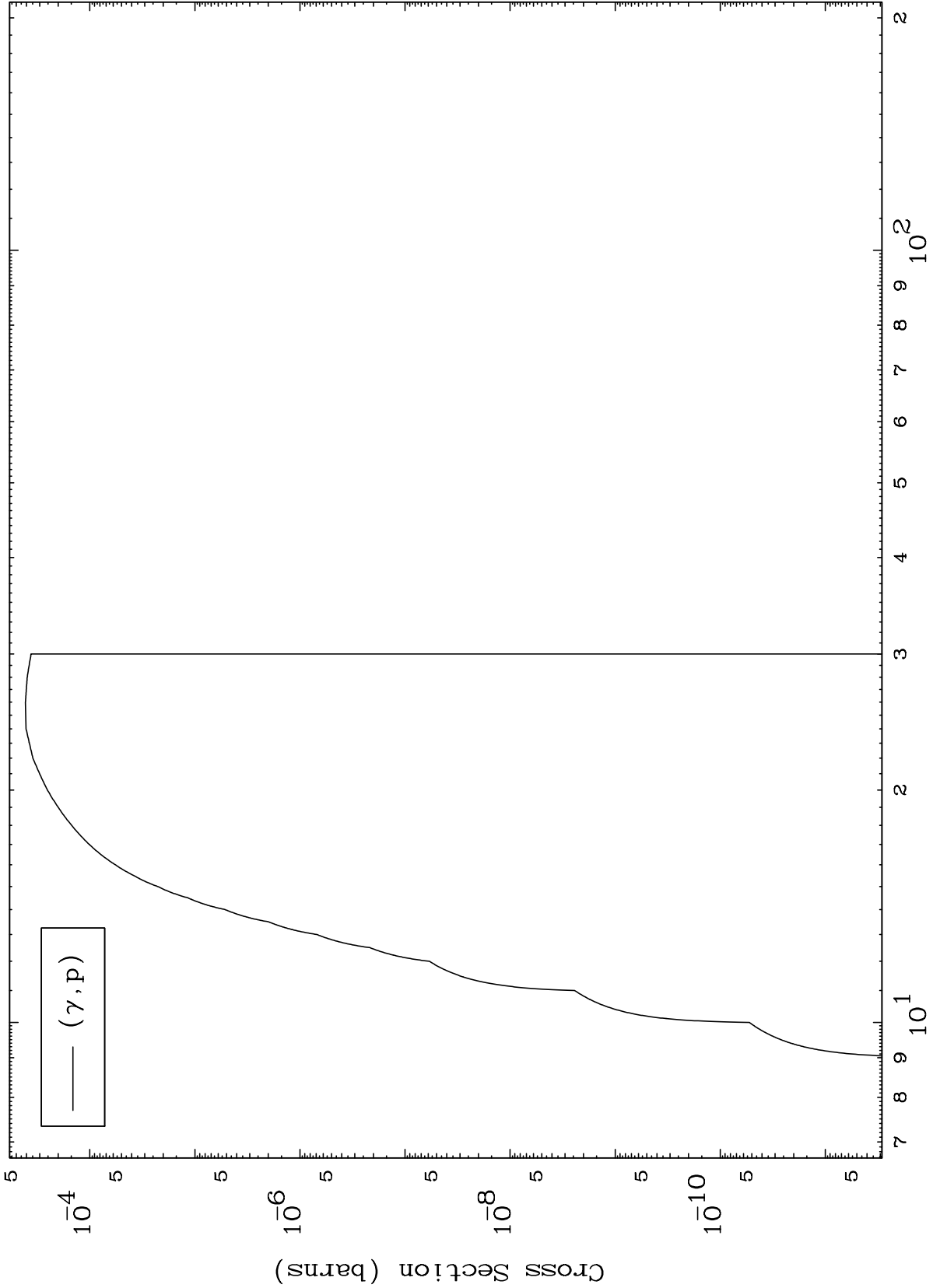
72-Hf-179

MAT 7242

(γ, p) Levels

72-Hf-179

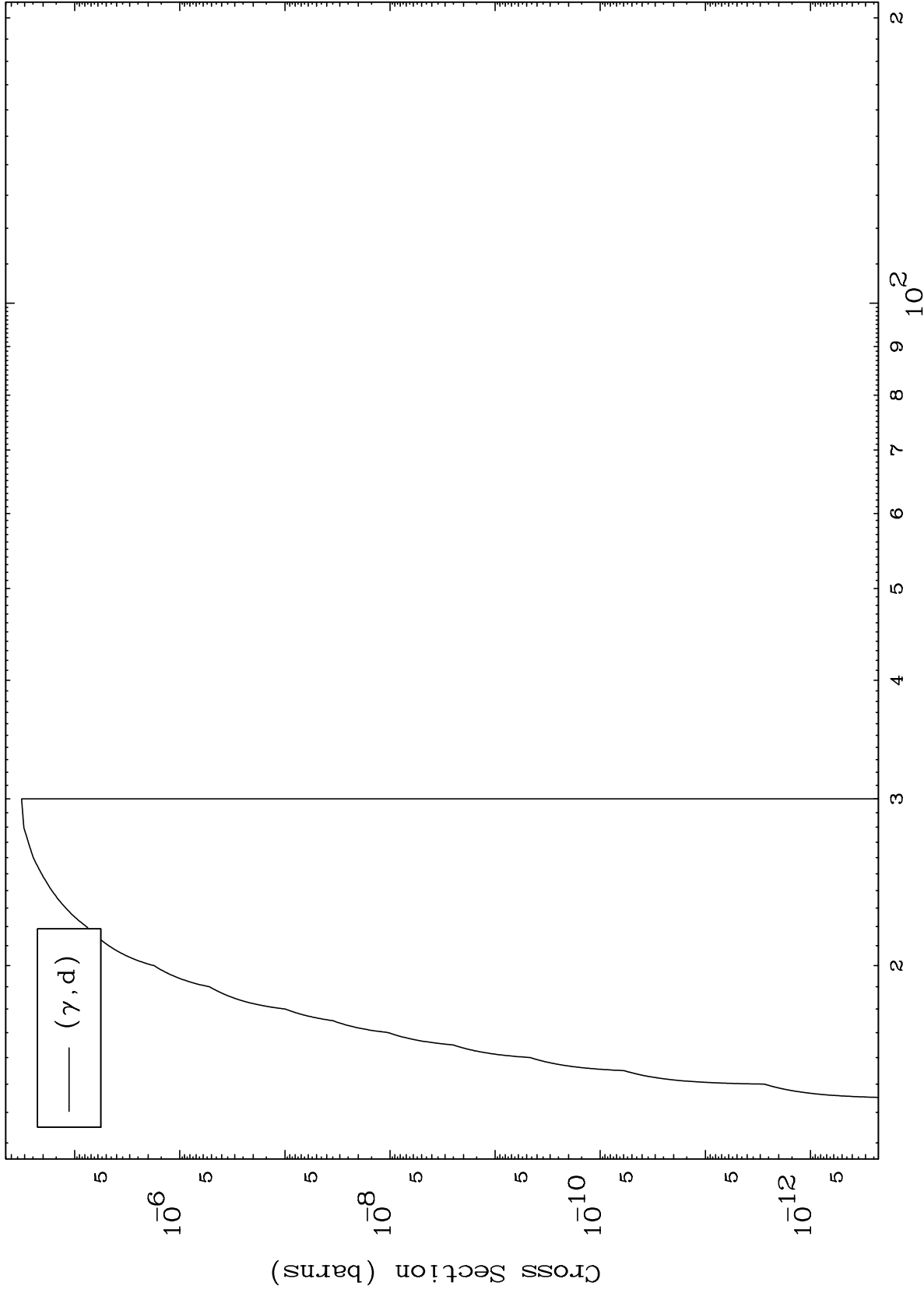
0 Kelvin Cross Sections

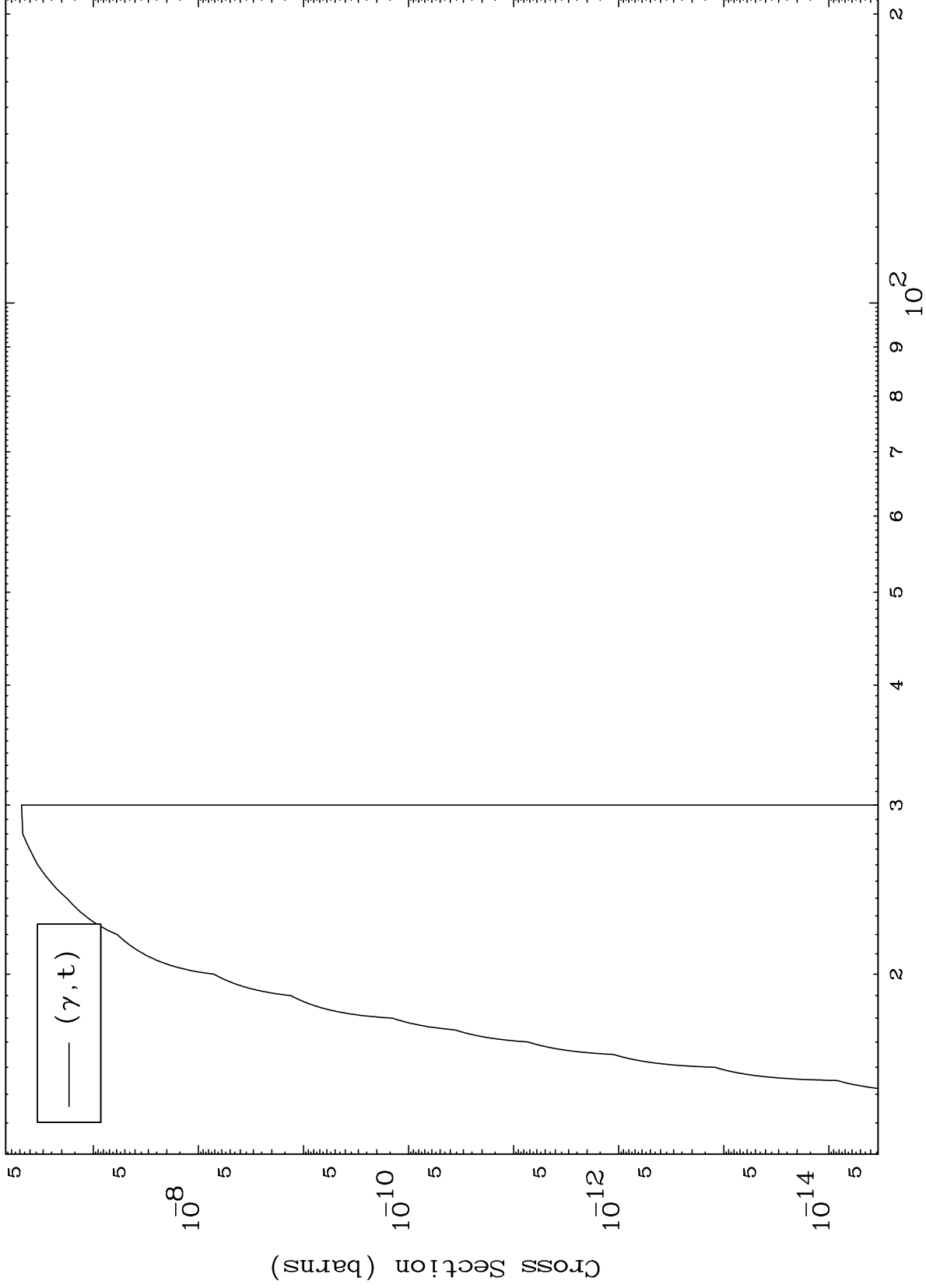


Incident Energy (MeV)

72-Hf-179

5

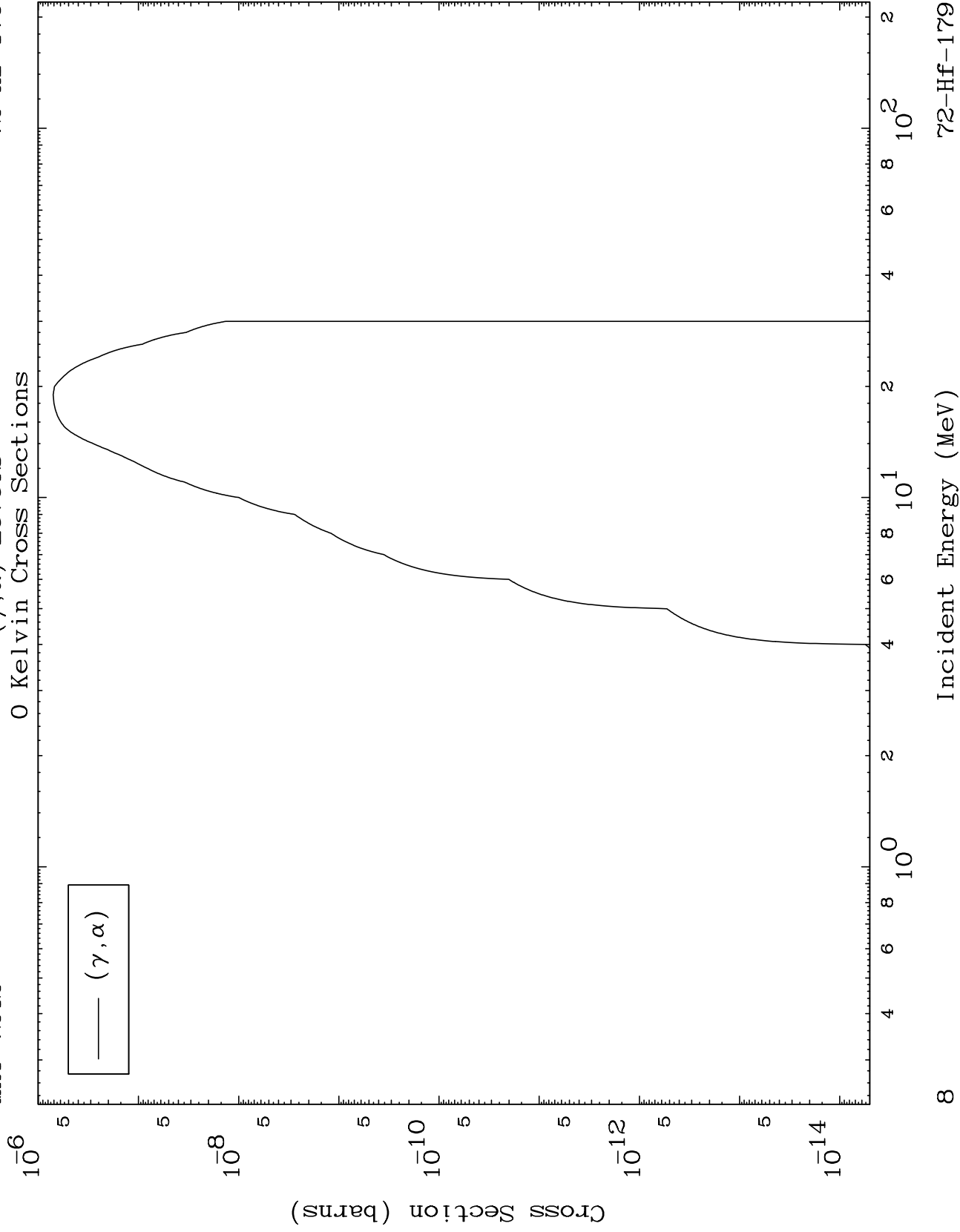




MAT 7242

(γ, α) Levels

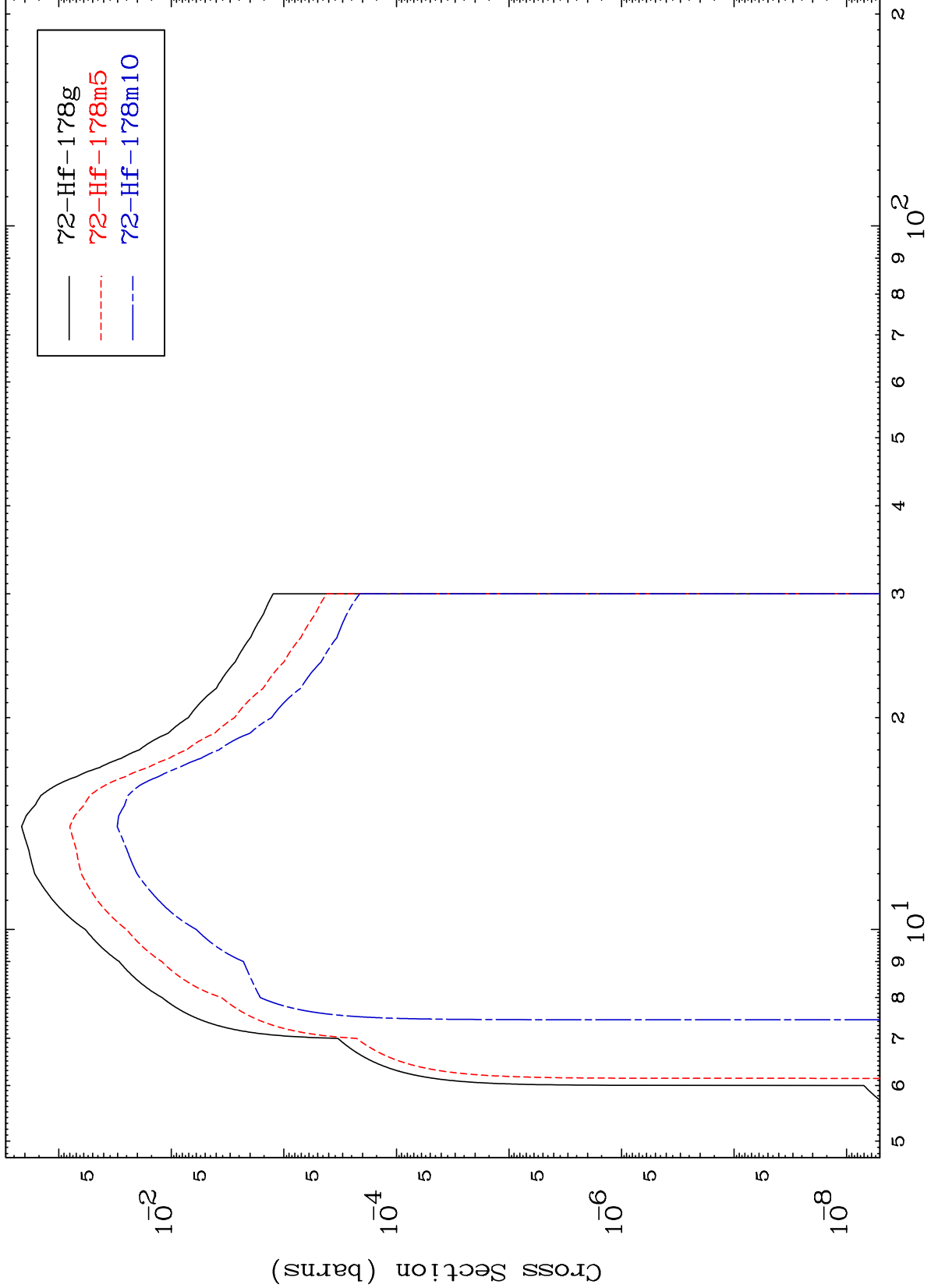
72-Hf-179



MAT 7242

Photon Inelastic
Radionuclide Production Cross Section

72-Hf-179



72-Hf-178g
72-Hf-178m5
72-Hf-178m10

9

Incident Energy (MeV)

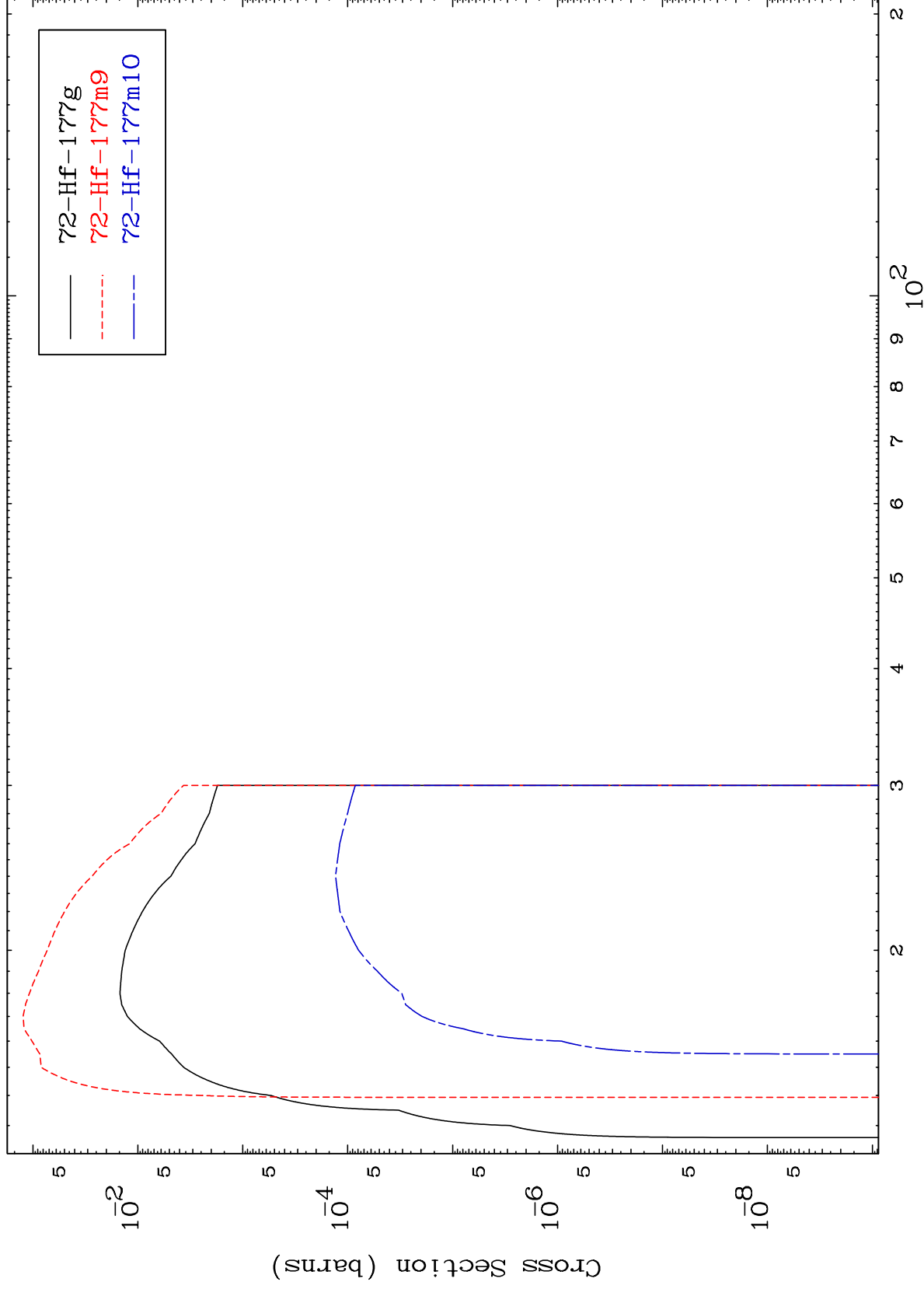
72-Hf-179

MAT 7242

($\gamma, 2n$)

72-Hf-179

Radionuclide Production Cross Section

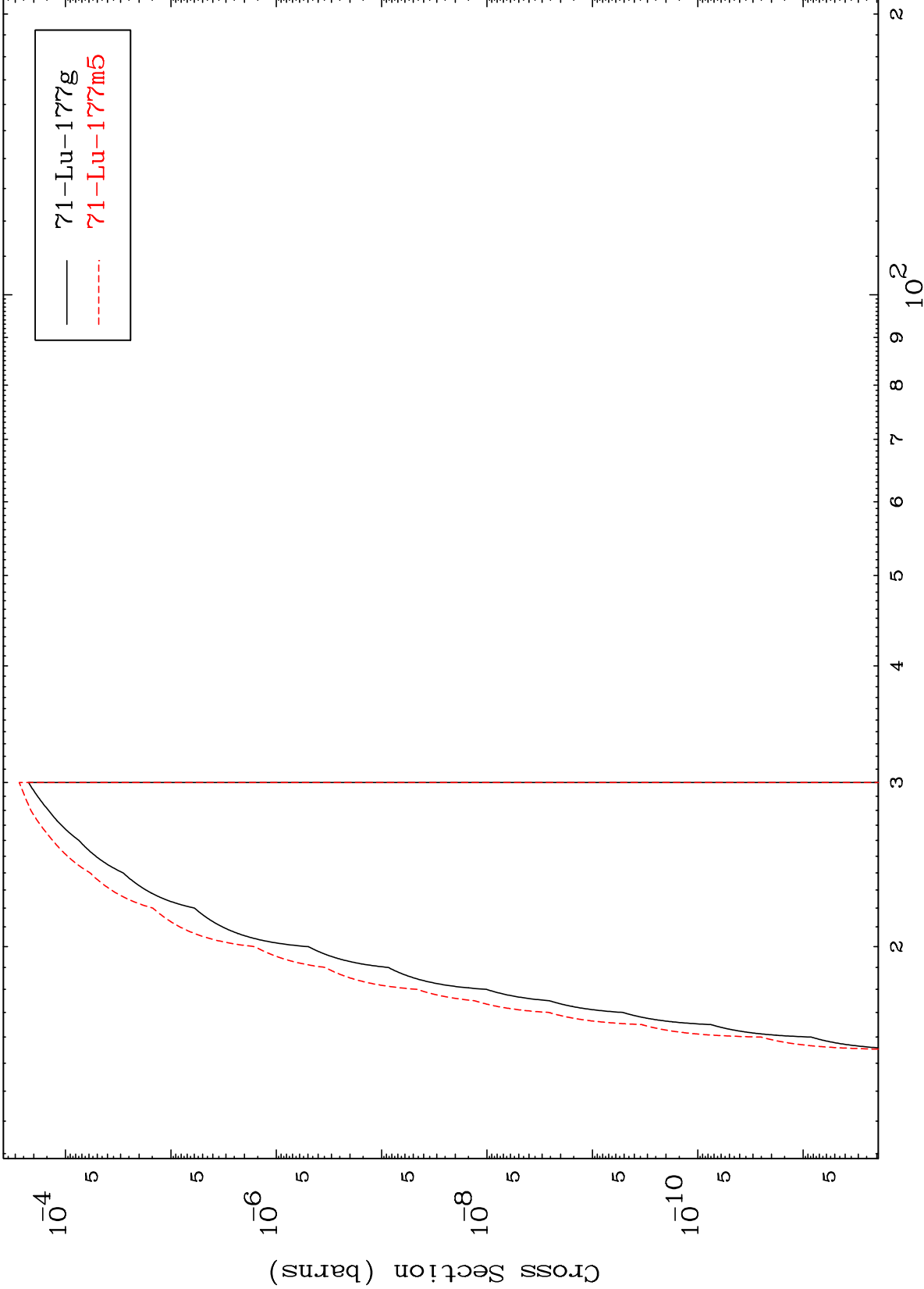


10

Incident Energy (MeV)

72-Hf-179

Radionuclide Production Cross Section



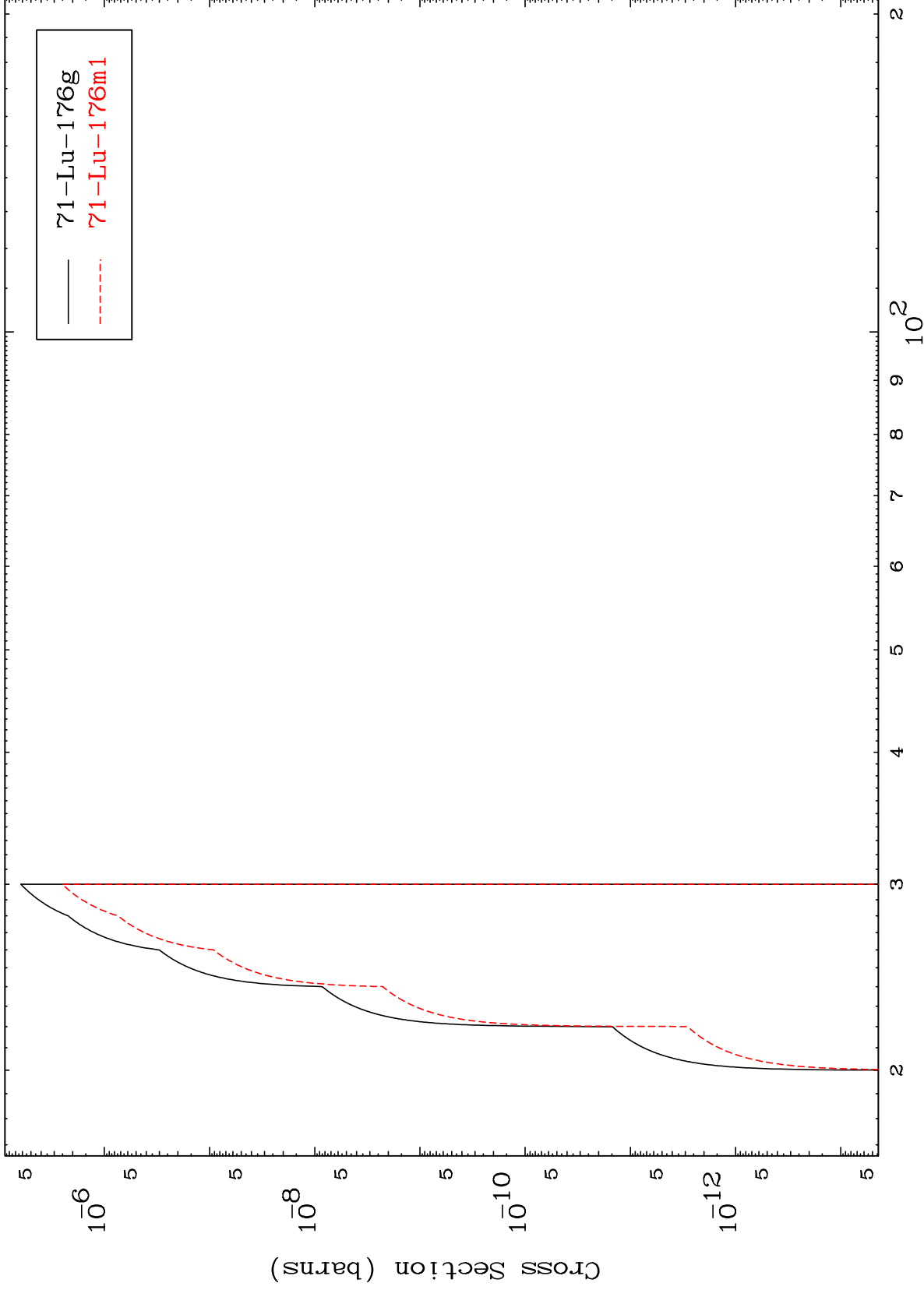
71-Lu-177g
71-Lu-177m5

MAT 7242

(γ, n') d

72-Hf-179

Radionuclide Production Cross Section



12

Incident Energy (MeV)

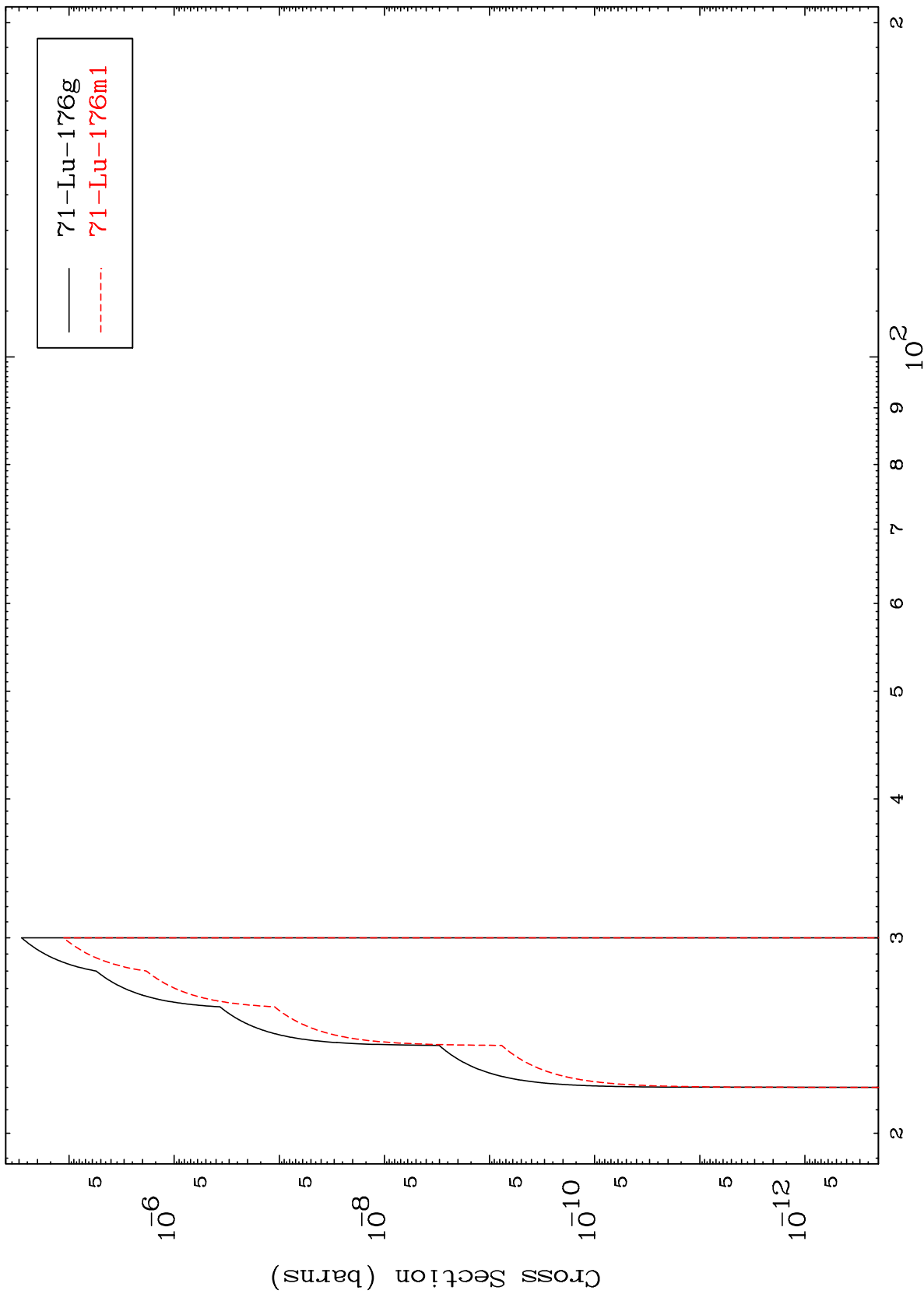
72-Hf-179

MAT 7242

($\gamma, 2n$) p

72-Hf-179

Radionuclide Production Cross Section



13

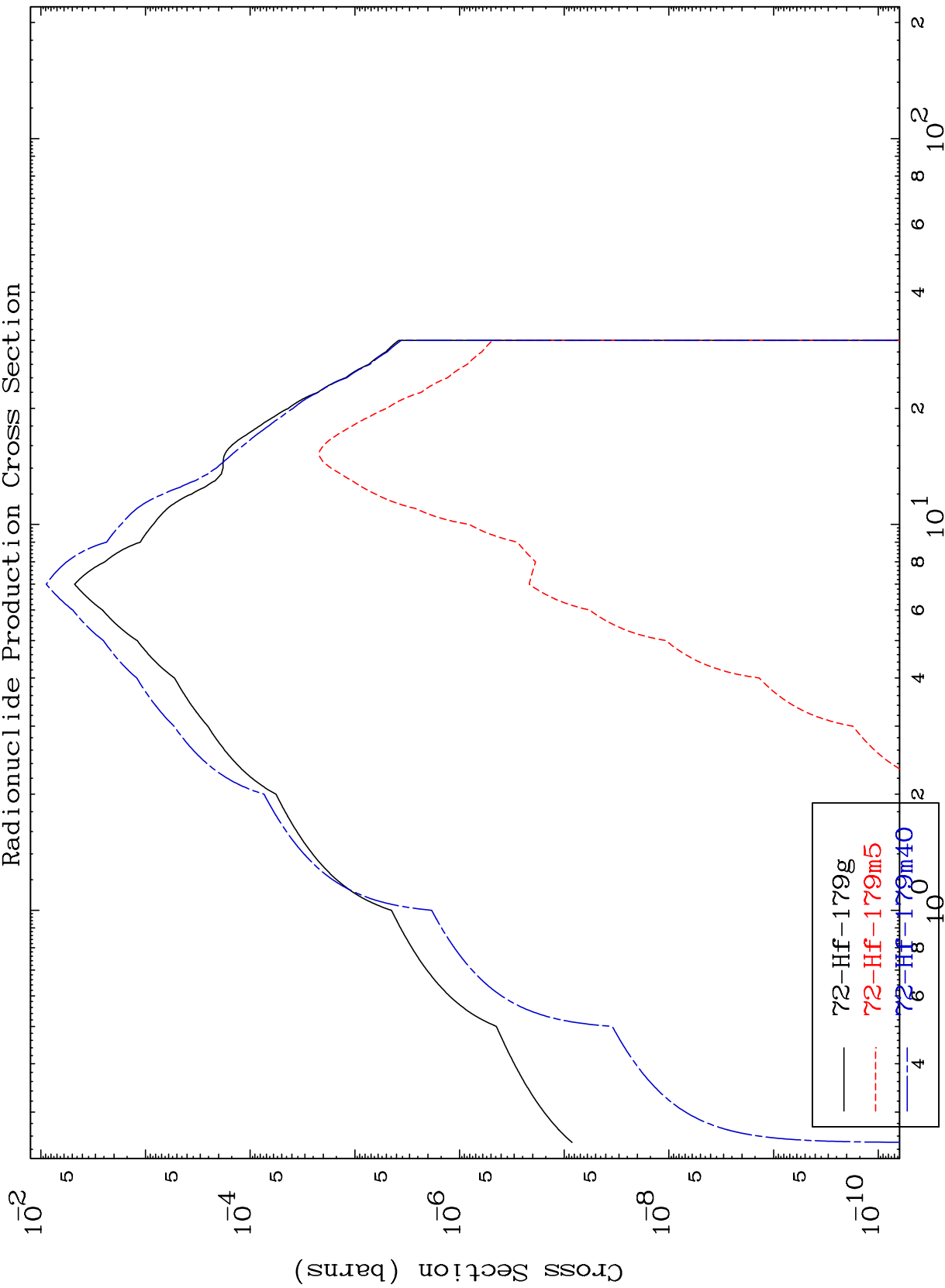
Incident Energy (MeV)

72-Hf-179

MAT 7242

72-Hf-179

(γ, γ)
Radionuclide Production Cross Section



72-Hf-179

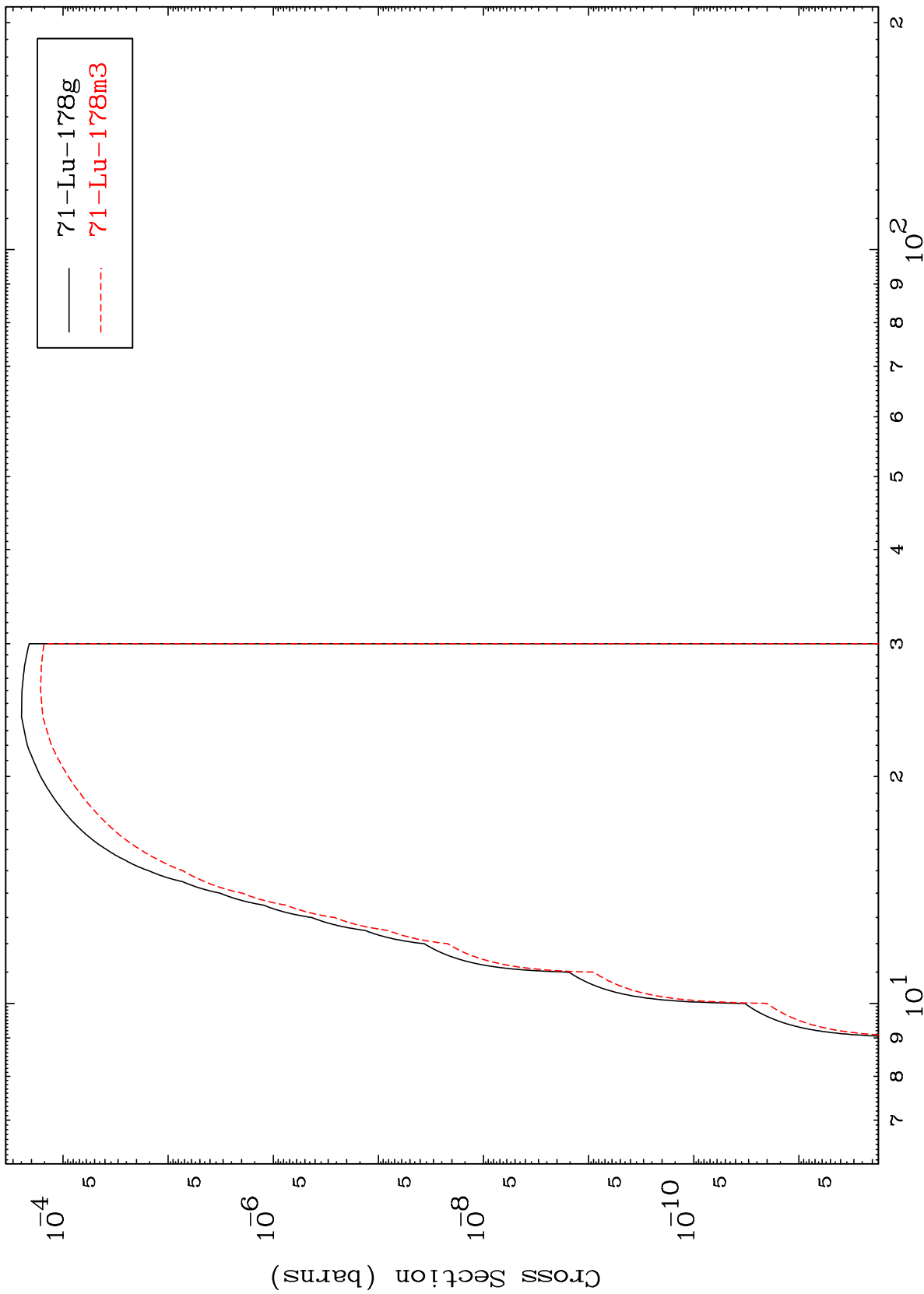
Incident Energy (MeV)

14

MAT 7242

72-Hf-179

(γ, p)
Radionuclide Production Cross Section



15

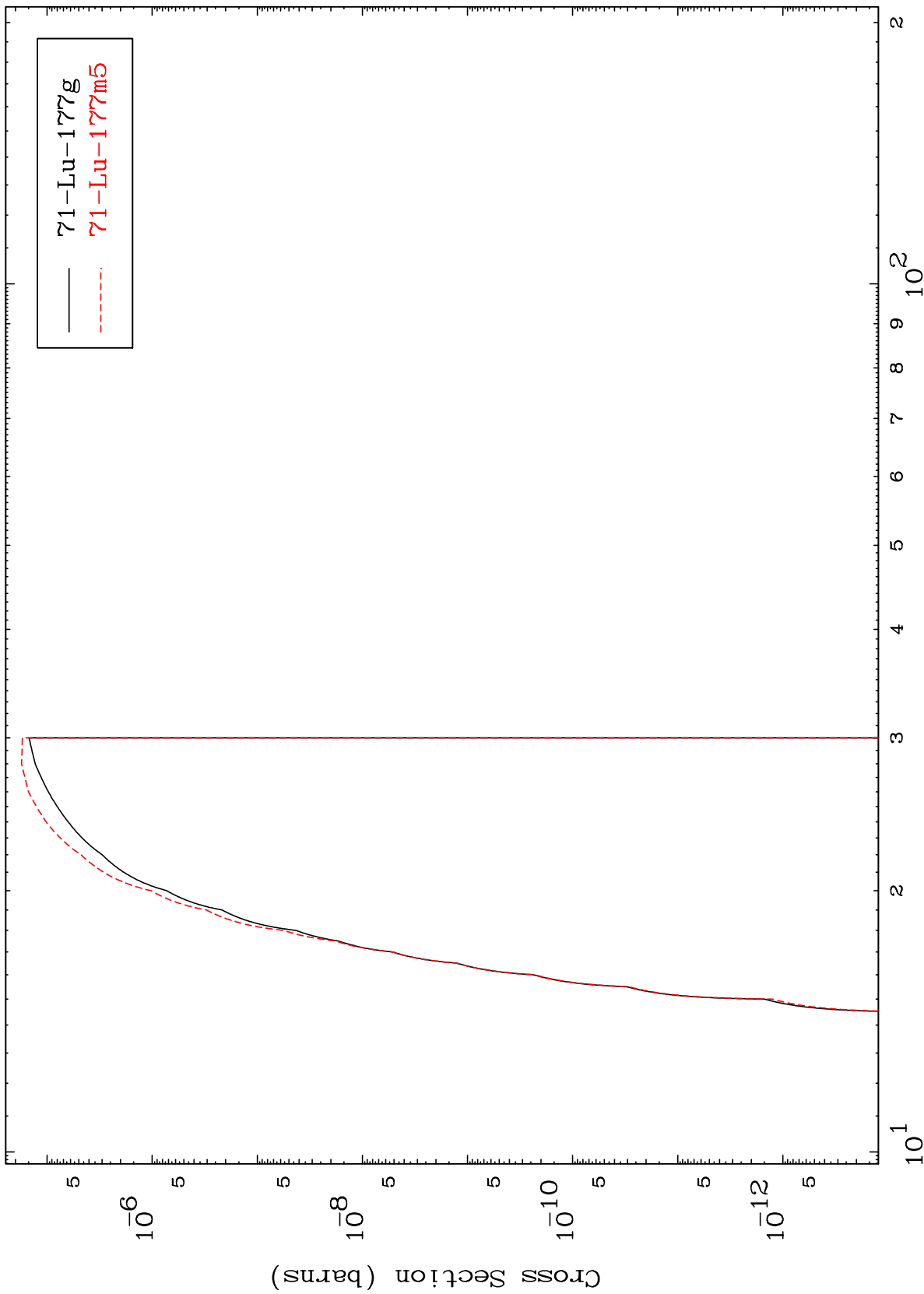
Incident Energy (MeV)

72-Hf-179

MAT 7242

72-Hf-179

(γ, d)
Radionuclide Production Cross Section



72-Hf-179

Incident Energy (MeV)

16

Radionuclide Production Cross Section

