

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

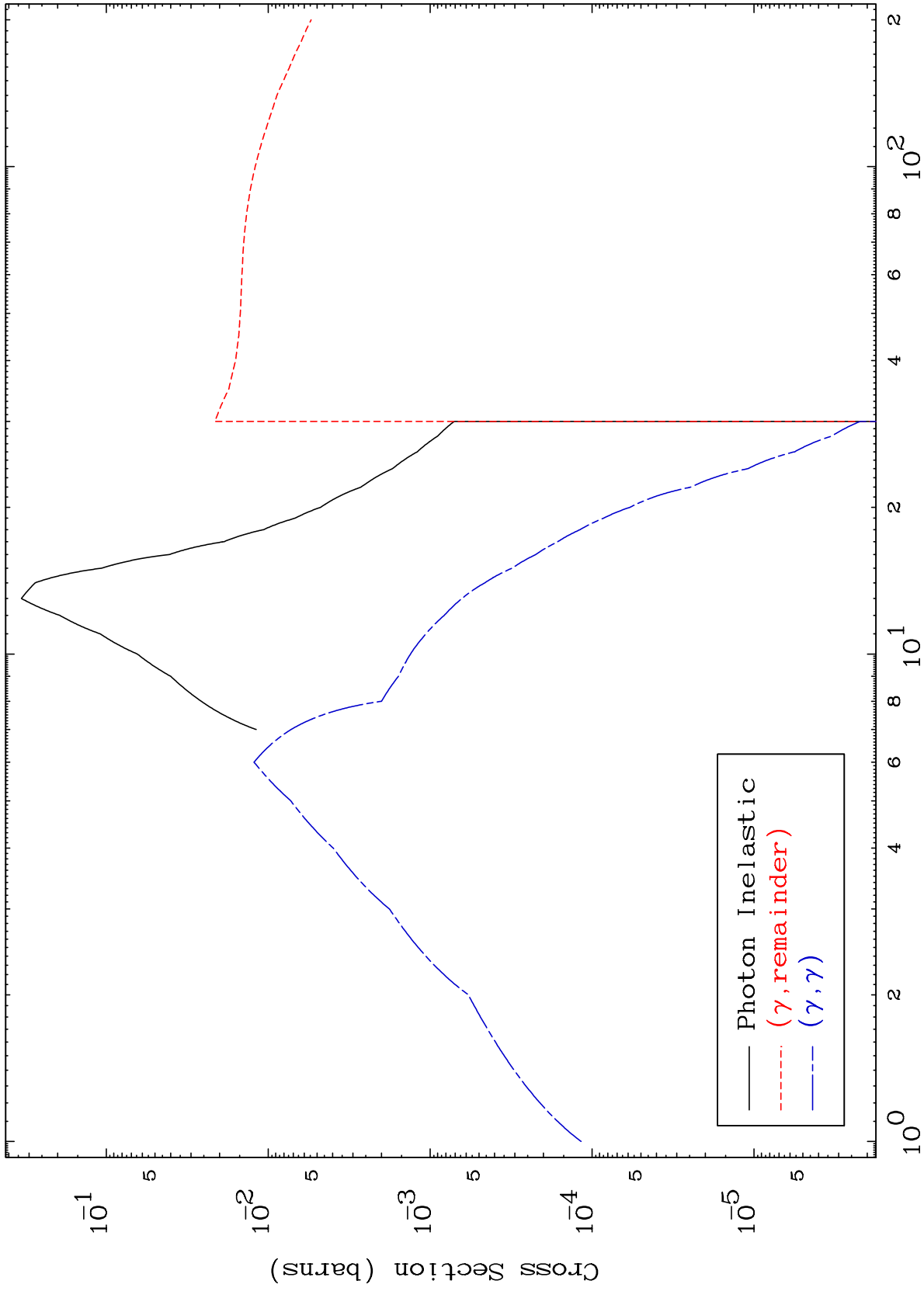
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7134

Photon Major
0 Kelvin Cross Sections

71-Lu-178

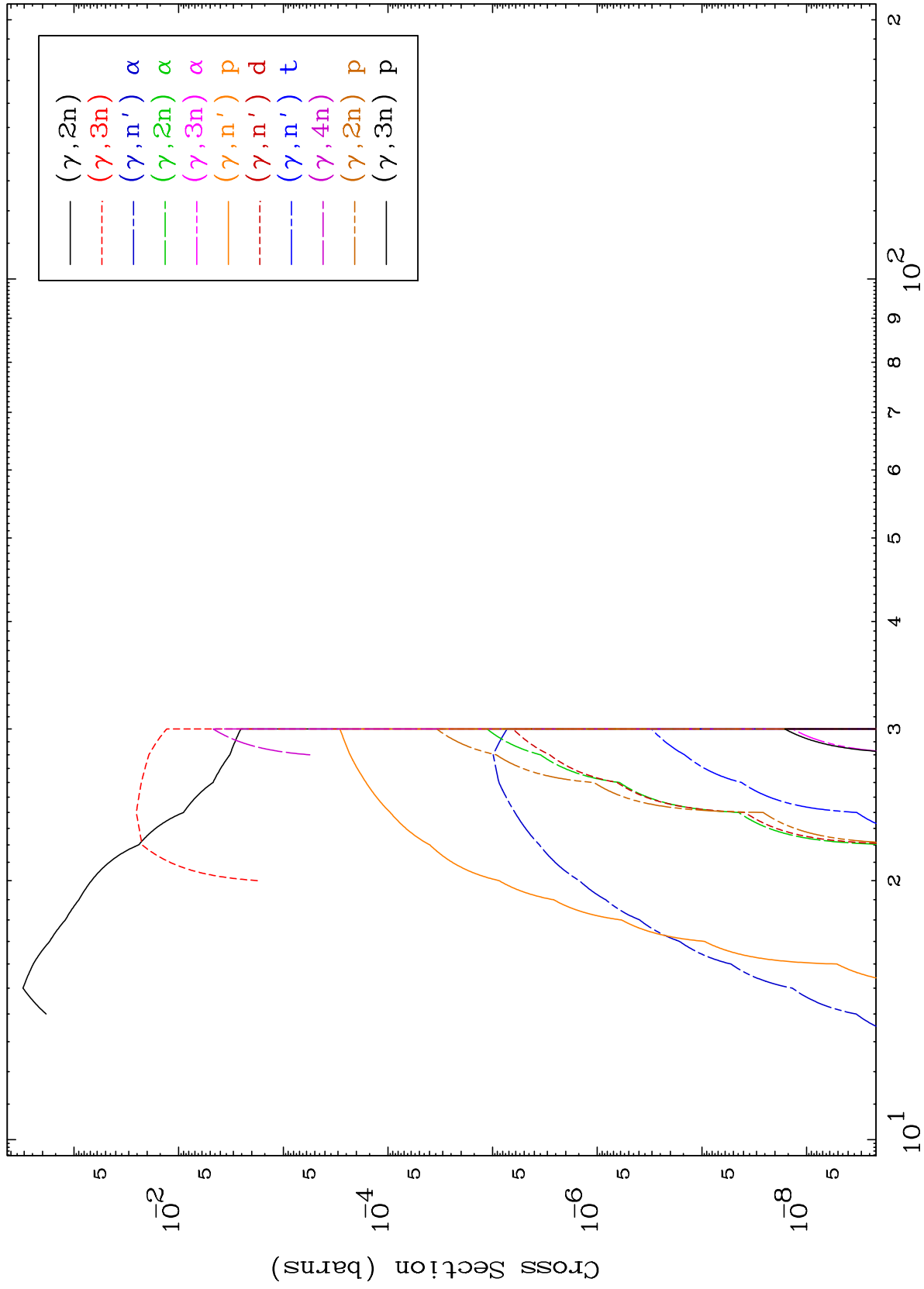


71-Lu-178

MAT 7134

Photon Neutron Production
0 Kelvin Cross Sections

71-Lu-178

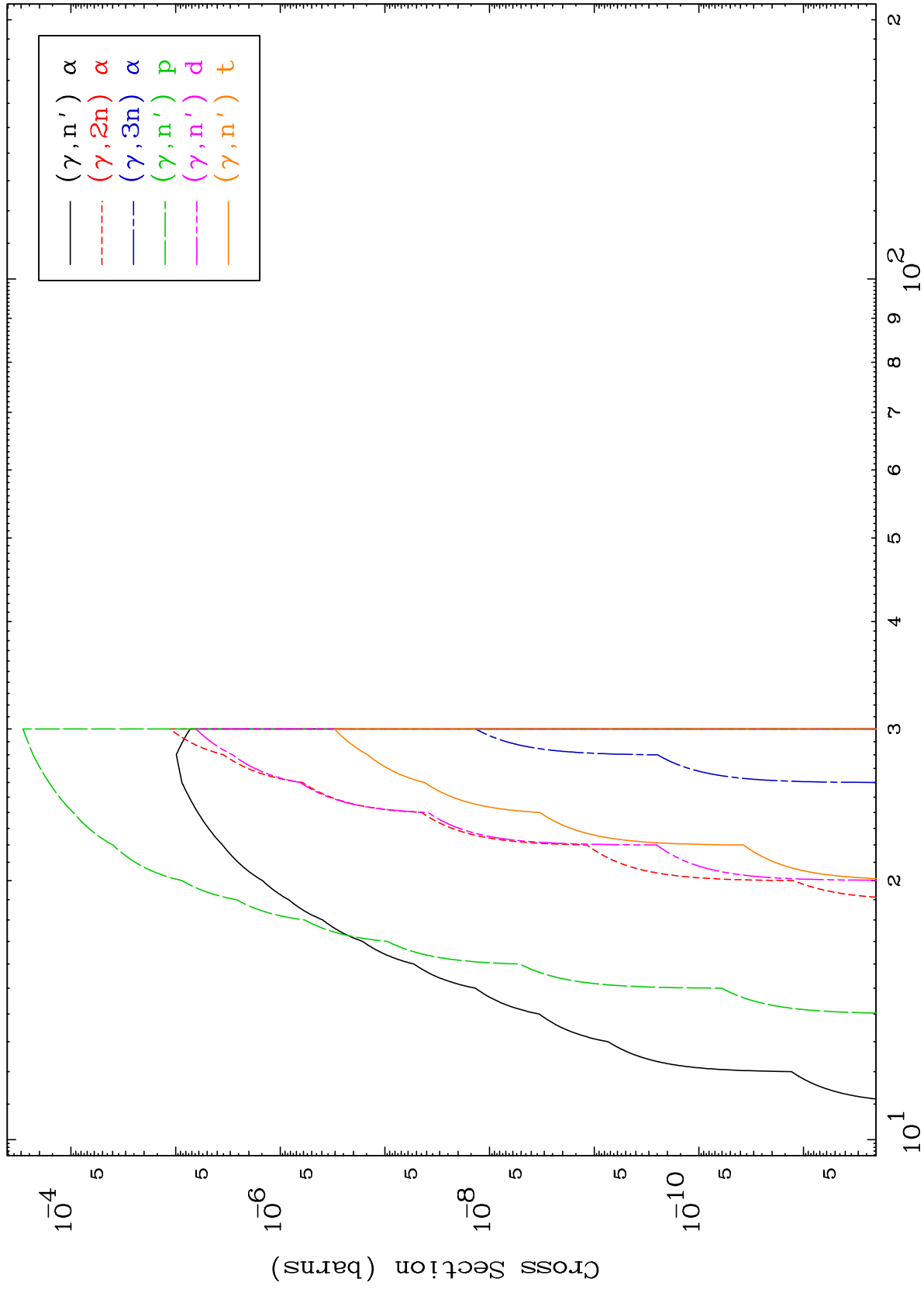


71-Lu-178

MAT 7134

Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-178



71-Lu-178

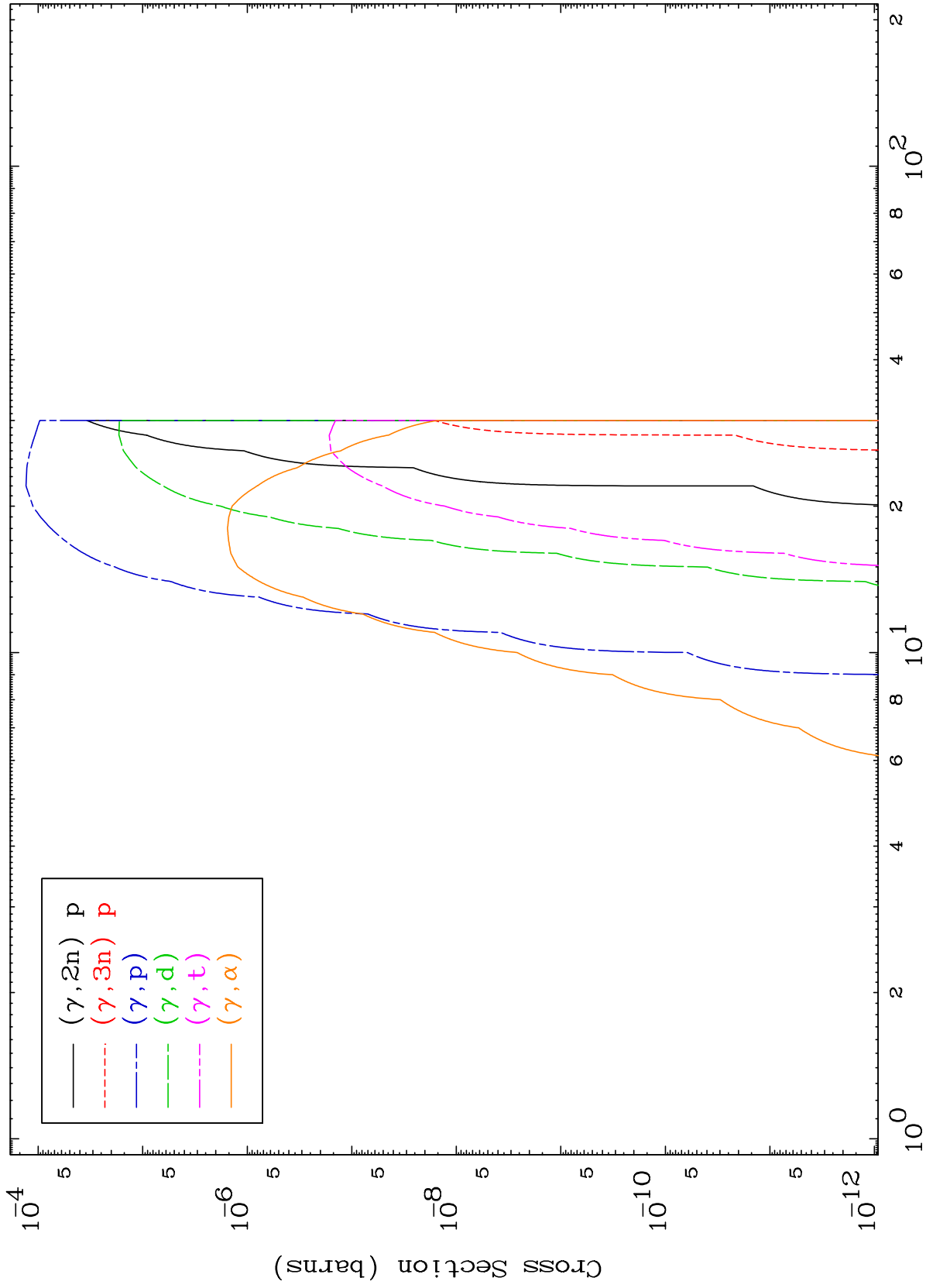
Incident Energy (MeV)

3

MAT 7134

Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-178



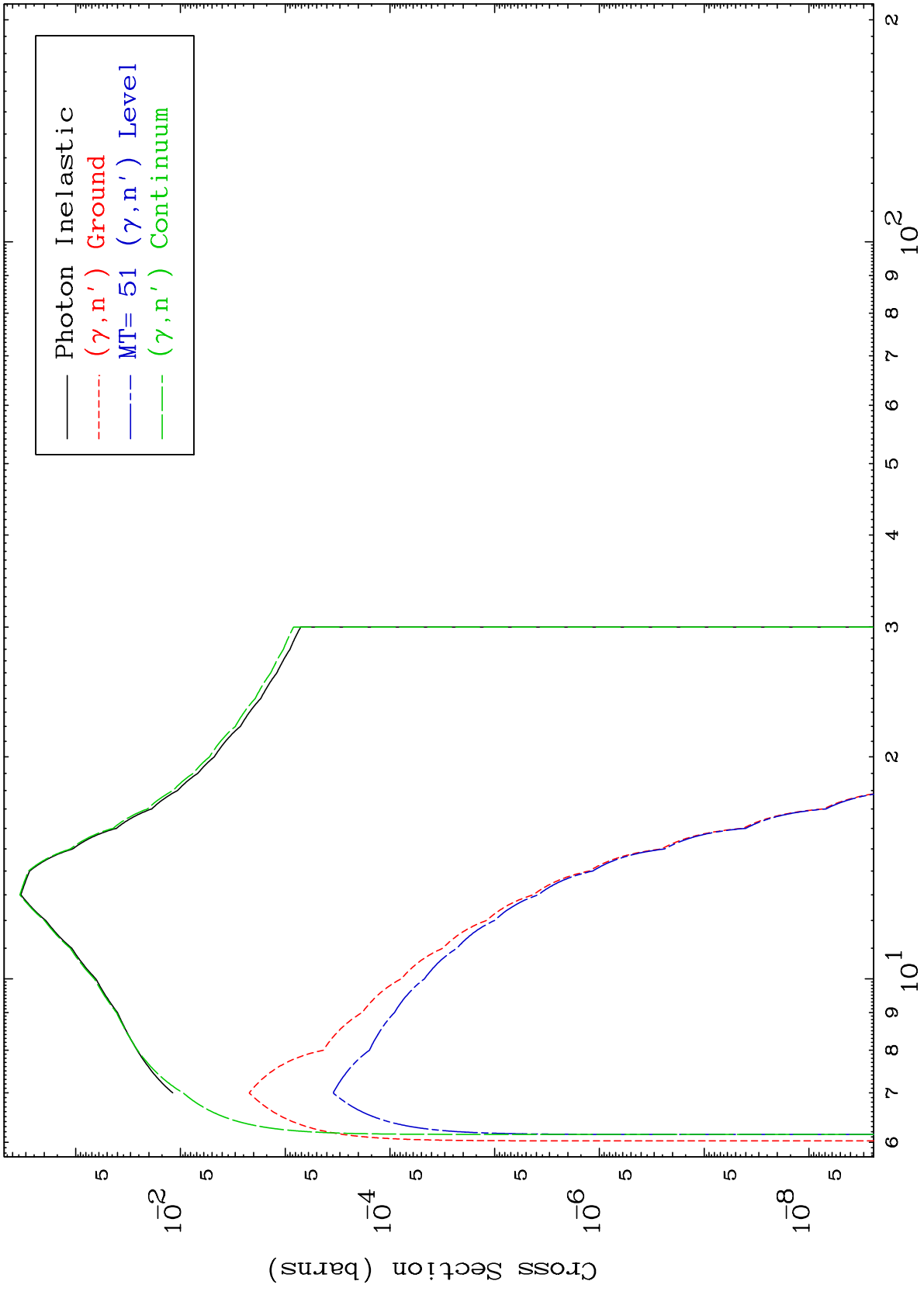
Incident Energy (MeV)

71-Lu-178

MAT 7134

(γ, n') Level
0 Kelvin Cross Sections

71-Lu-178



5

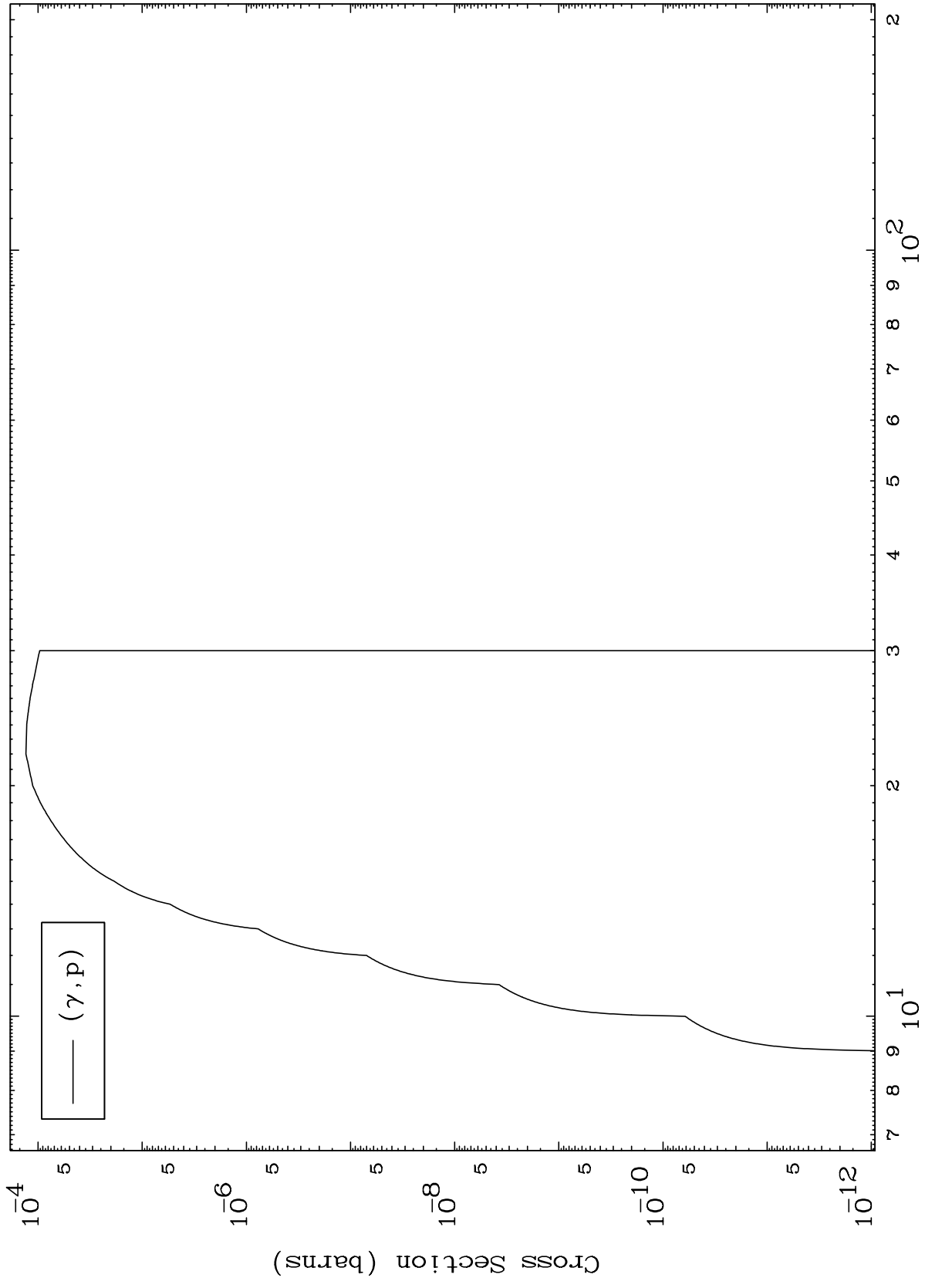
Incident Energy (MeV)

71-Lu-178

MAT 7134

(γ, p) Levels
0 Kelvin Cross Sections

71-Lu-178



6

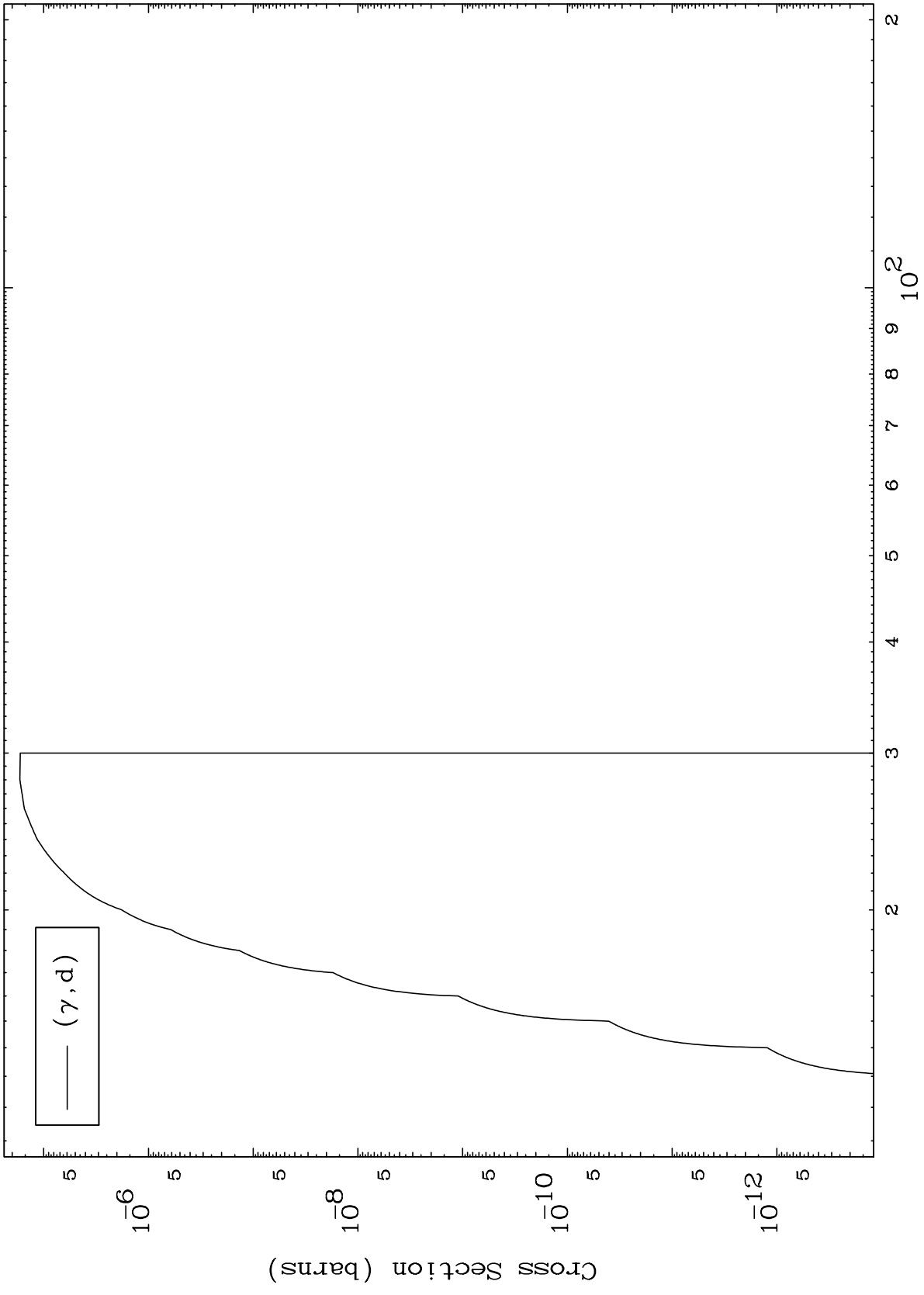
Incident Energy (MeV)

71-Lu-178

MAT 7134

(γ, d) Levels
0 Kelvin Cross Sections

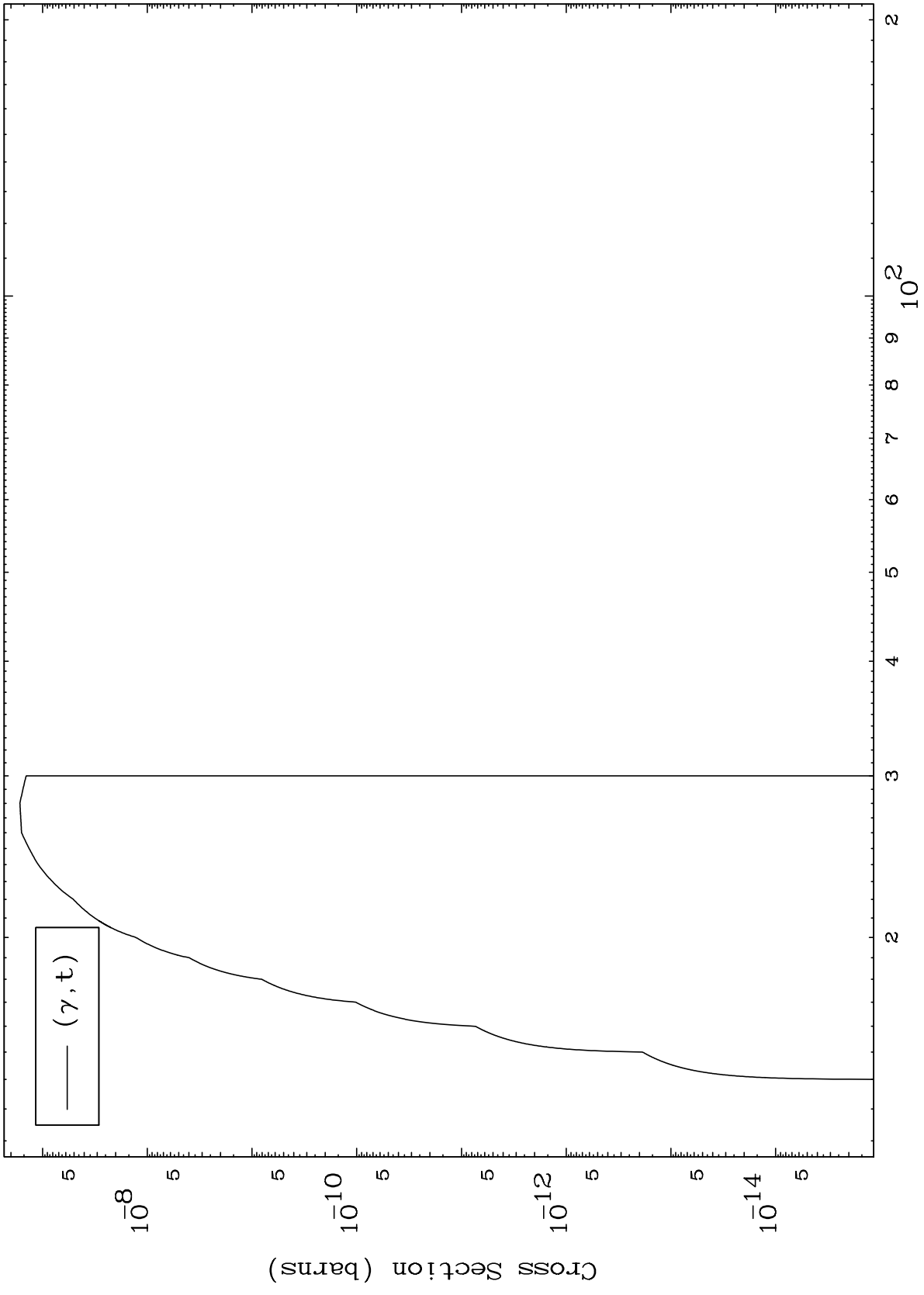
71-Lu-178



7

Incident Energy (MeV)

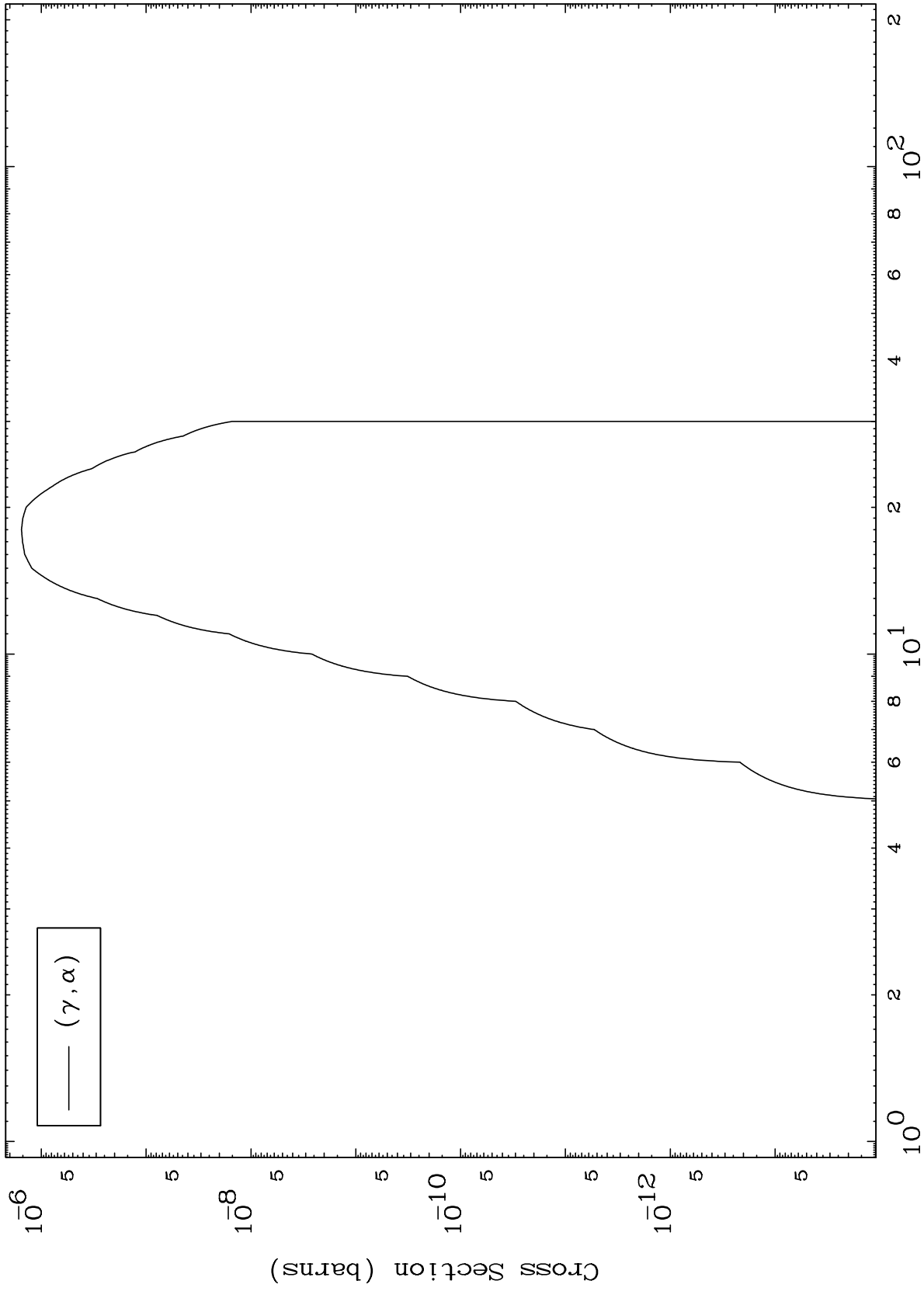
71-Lu-178



MAT 7134

(γ, α) Levels
0 Kelvin Cross Sections

71-Lu-178



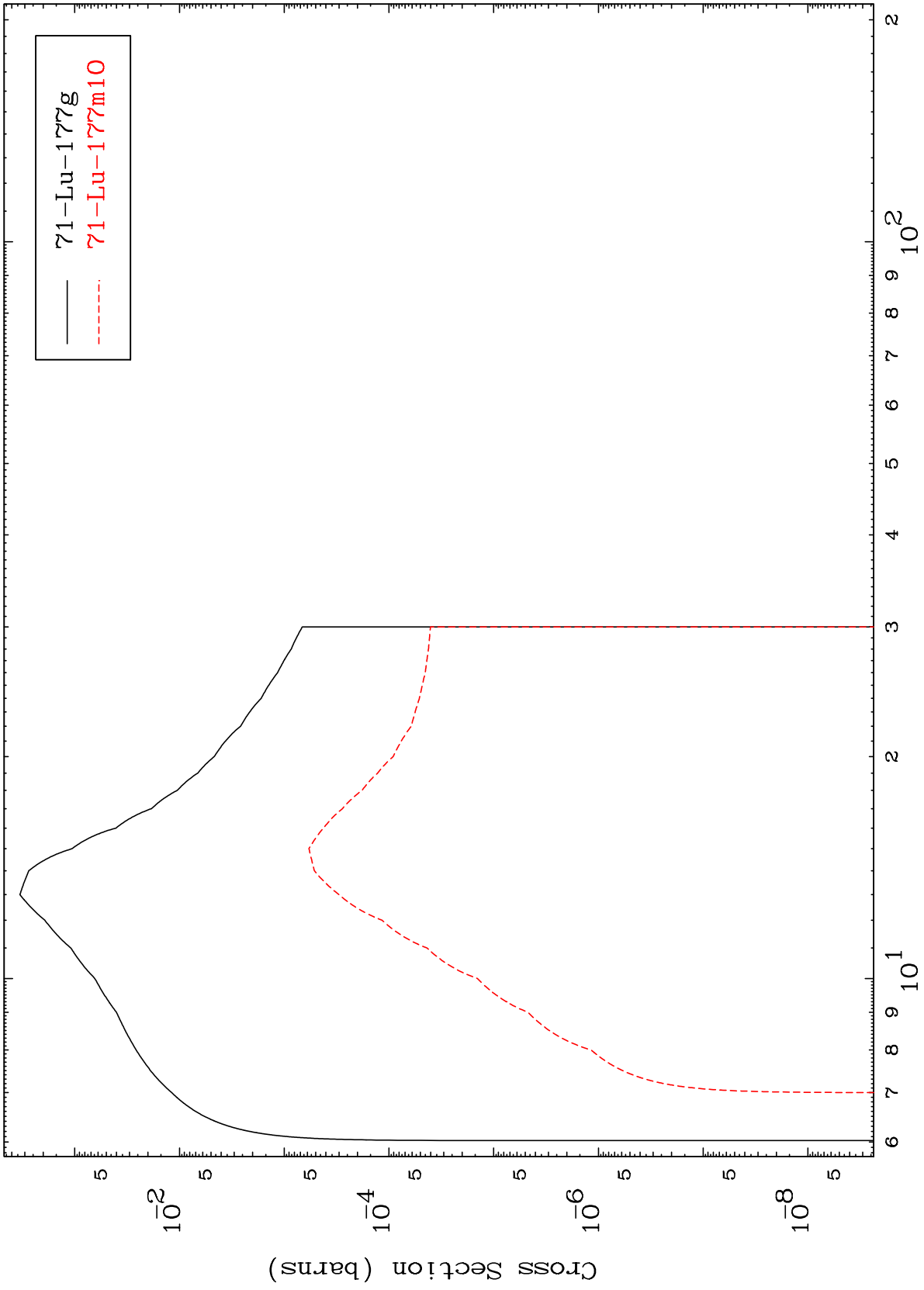
Incident Energy (MeV)

71-Lu-178

MAT 7134

Photon Inelastic
Radionuclide Production Cross Section

71-Lu-178



10

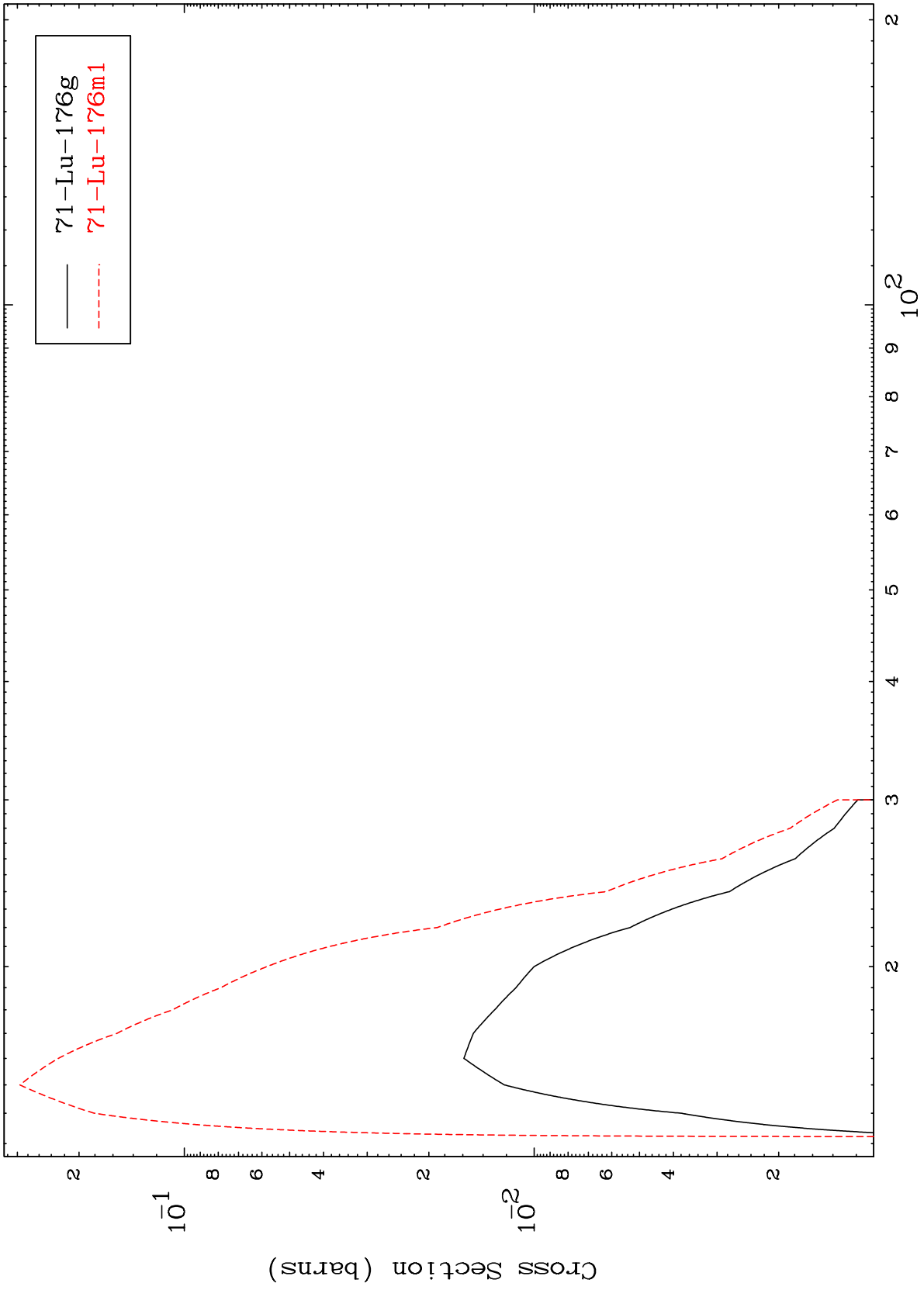
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

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



11

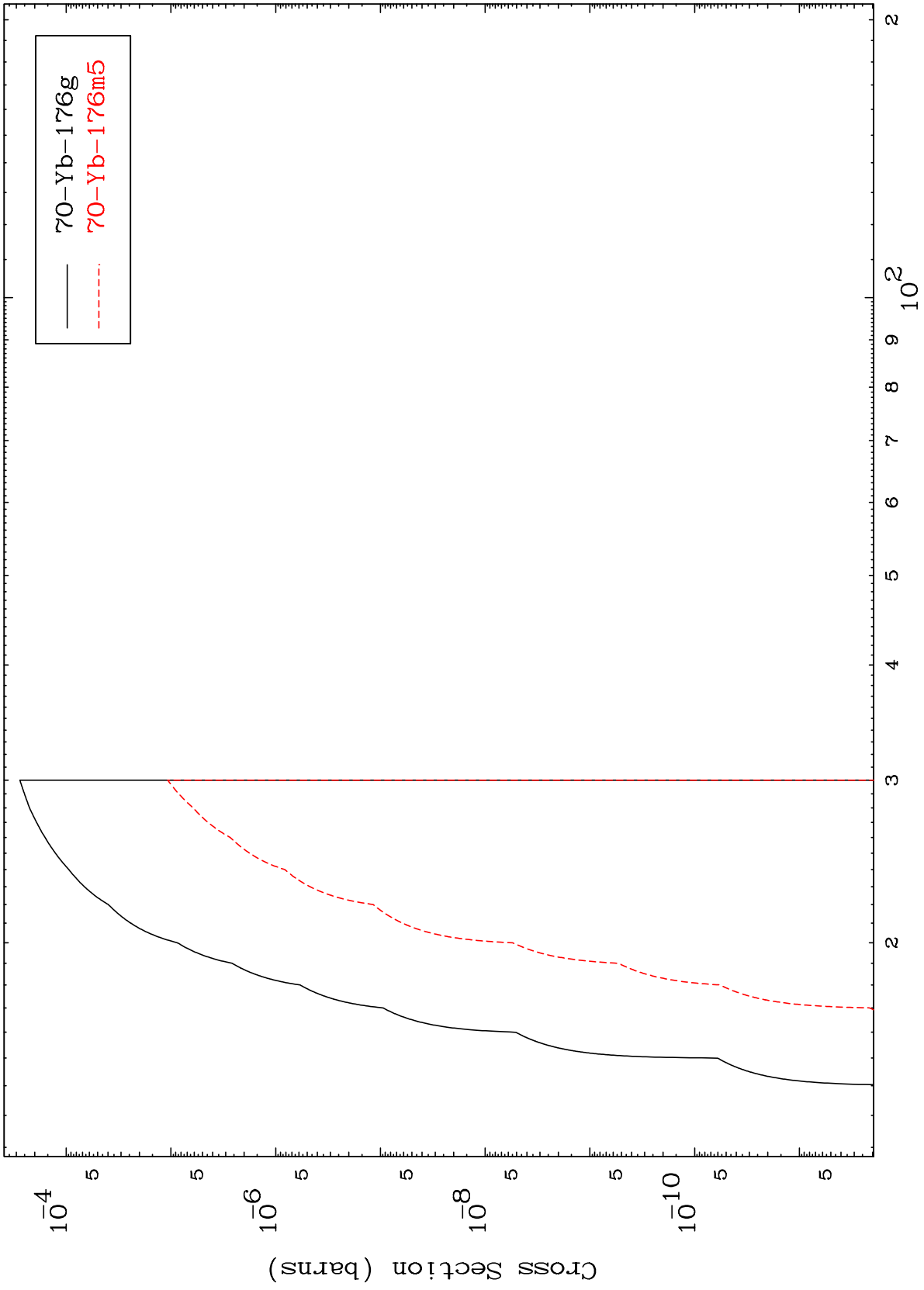
71-Lu-178

MAT 7134

(γ, n') p

71-Lu-178

Radionuclide Production Cross Section



12

Incident Energy (MeV)

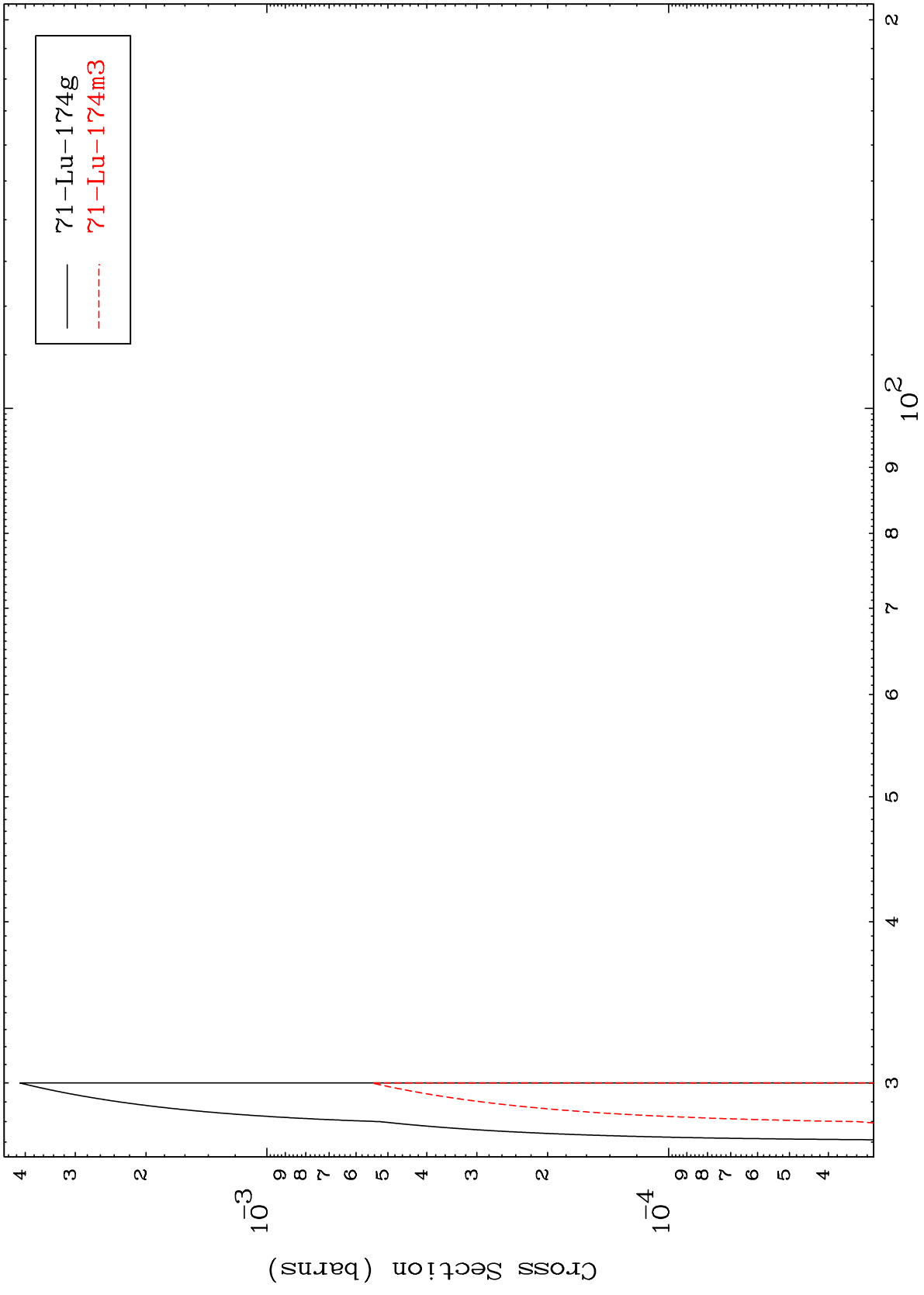
71-Lu-178

MAT 7134

($\gamma, 4n$)

⁷¹Lu-178

Radionuclide Production Cross Section



— ⁷¹Lu-174g
- - - ⁷¹Lu-174m3

13

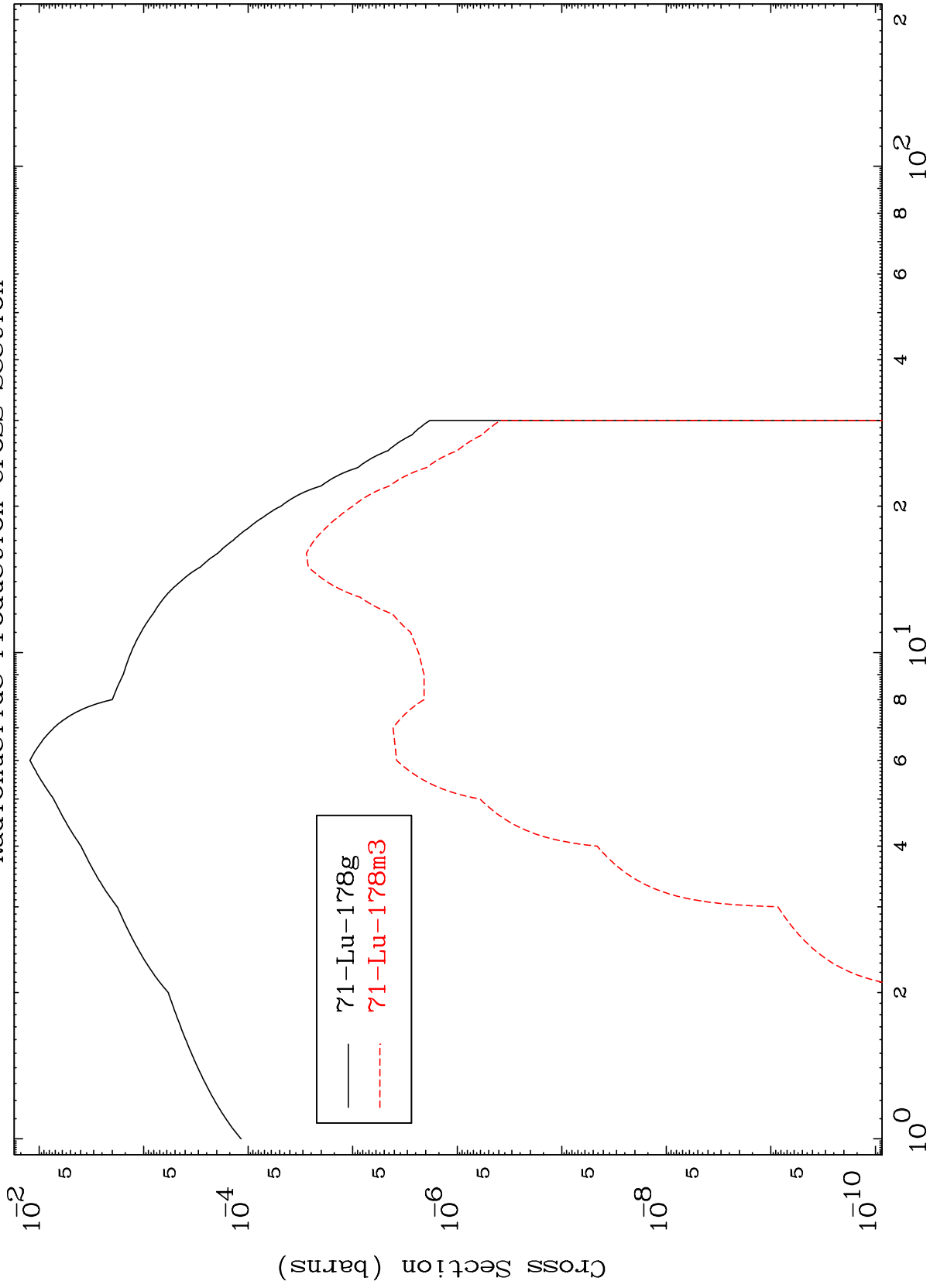
⁷¹Lu-178

MAT 7134

⁷¹Lu-178

Radionuclide Production Cross Section

(γ, γ)



⁷¹Lu-178

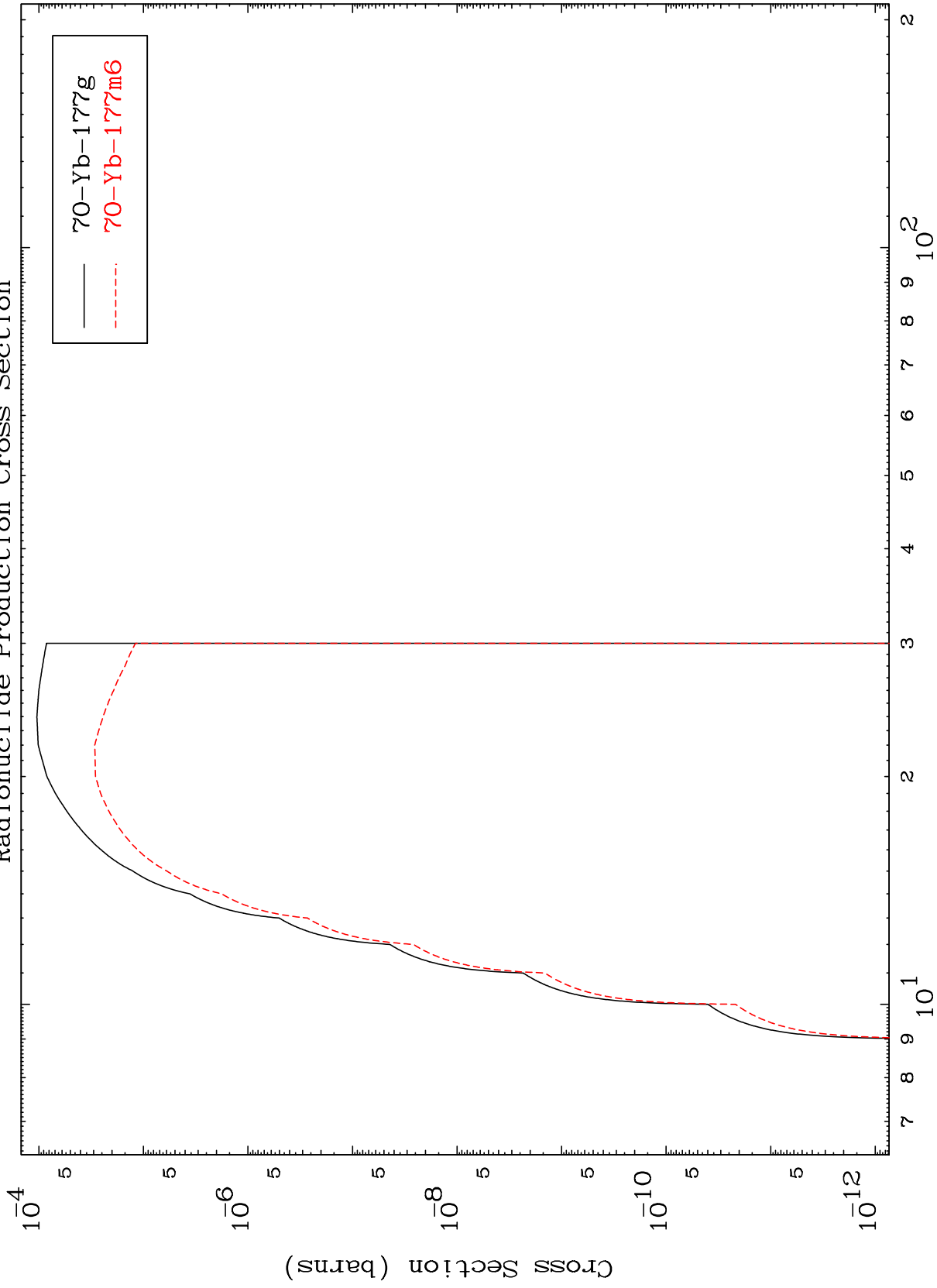
Incident Energy (MeV)

14

MAT 7134

71-Lu-178

(γ, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

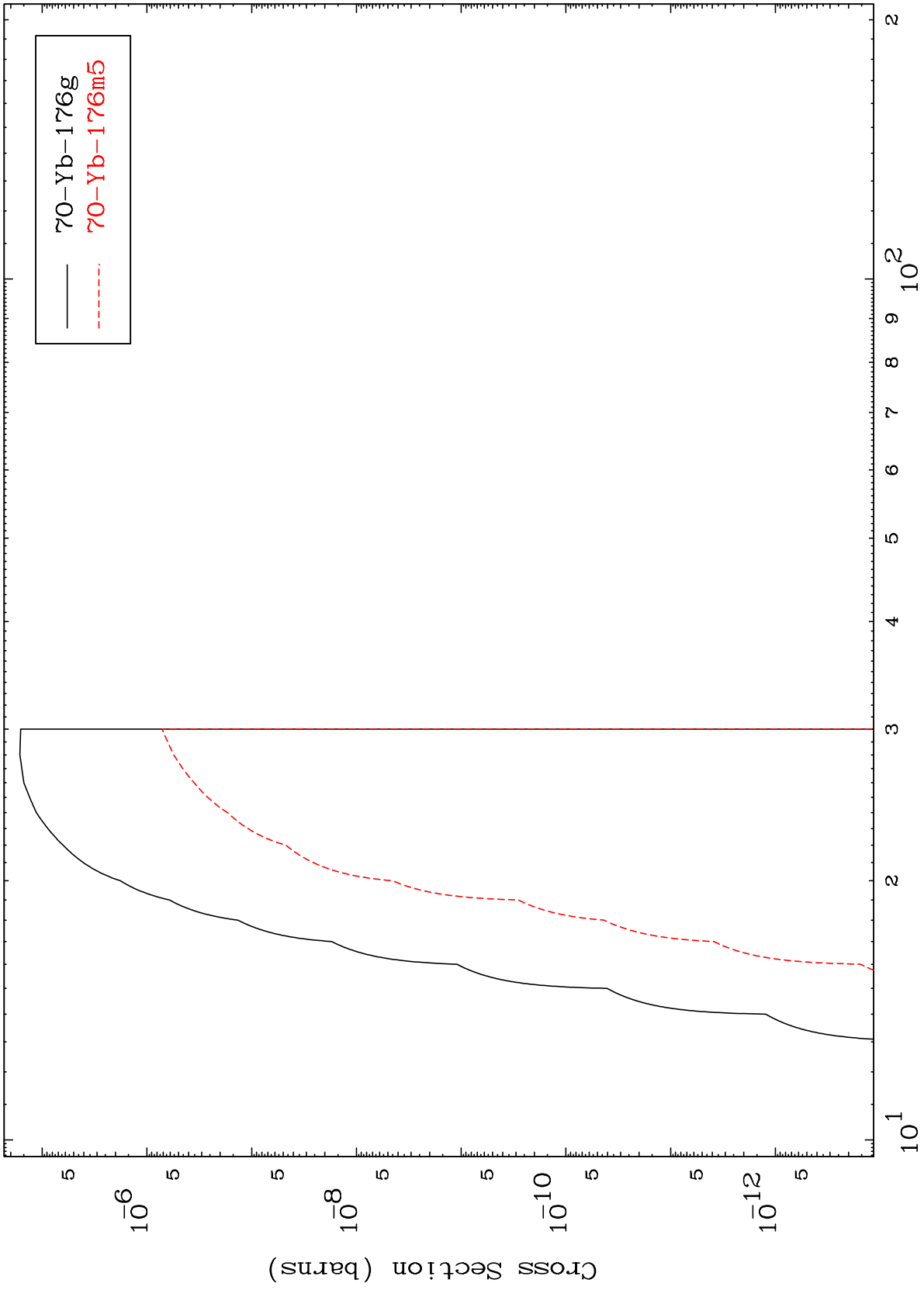
71-Lu-178

MAT 7134

(γ, d)

$^{71}\text{Lu-178}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

$^{71}\text{Lu-178}$