

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

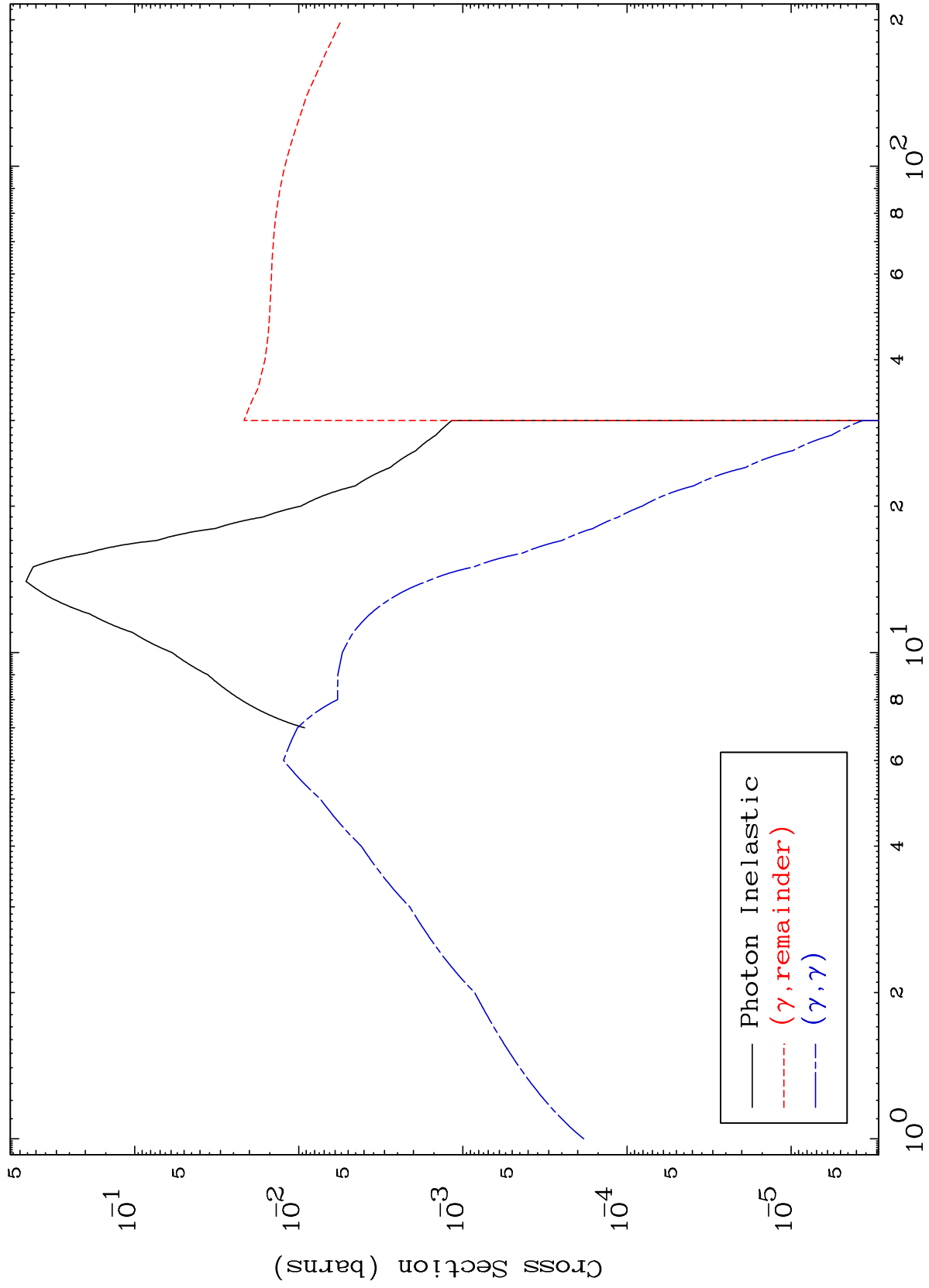
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7320

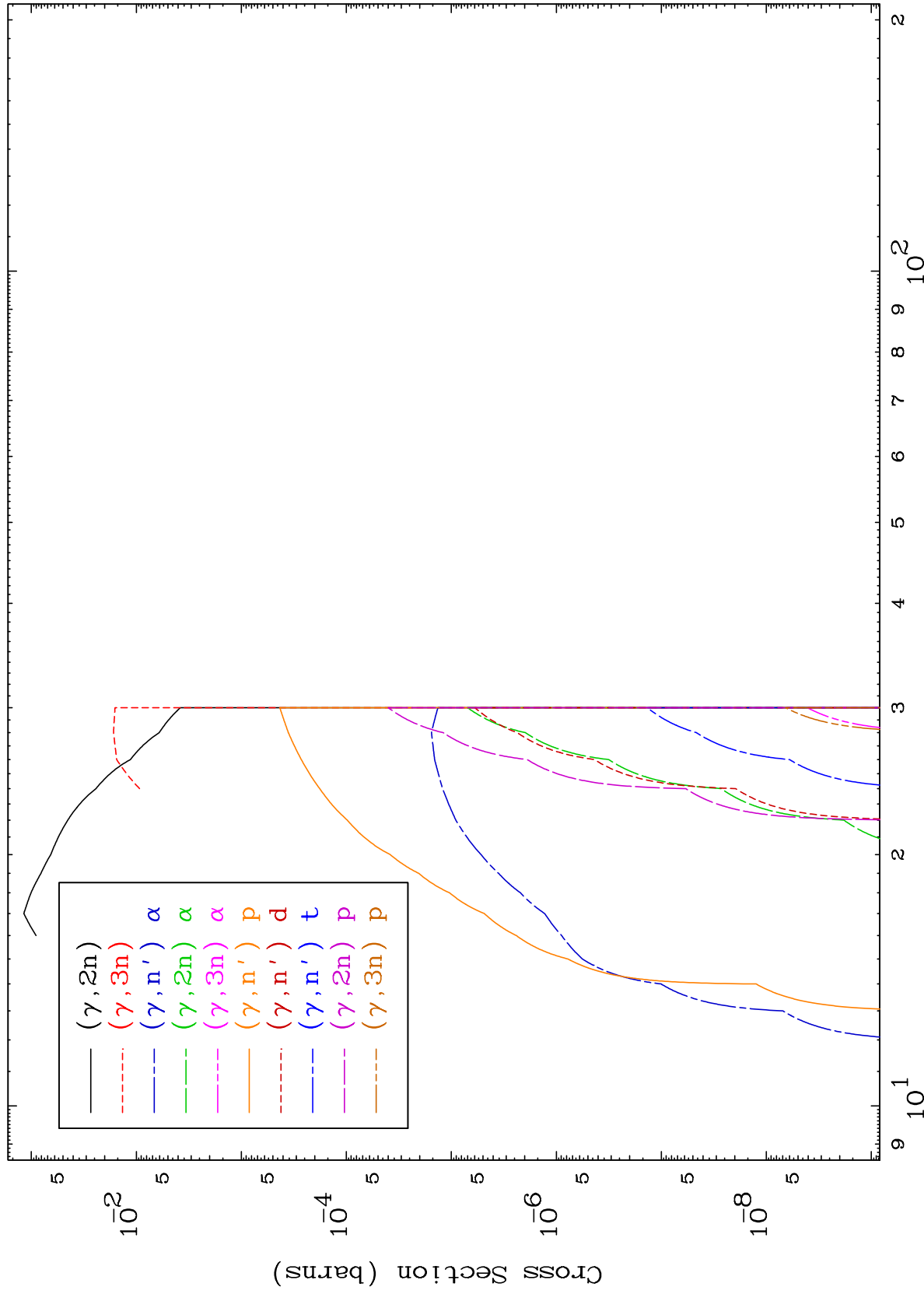
Photon Major
0 Kelvin Cross Sections

⁷³Ta-178



⁷³Ta-178

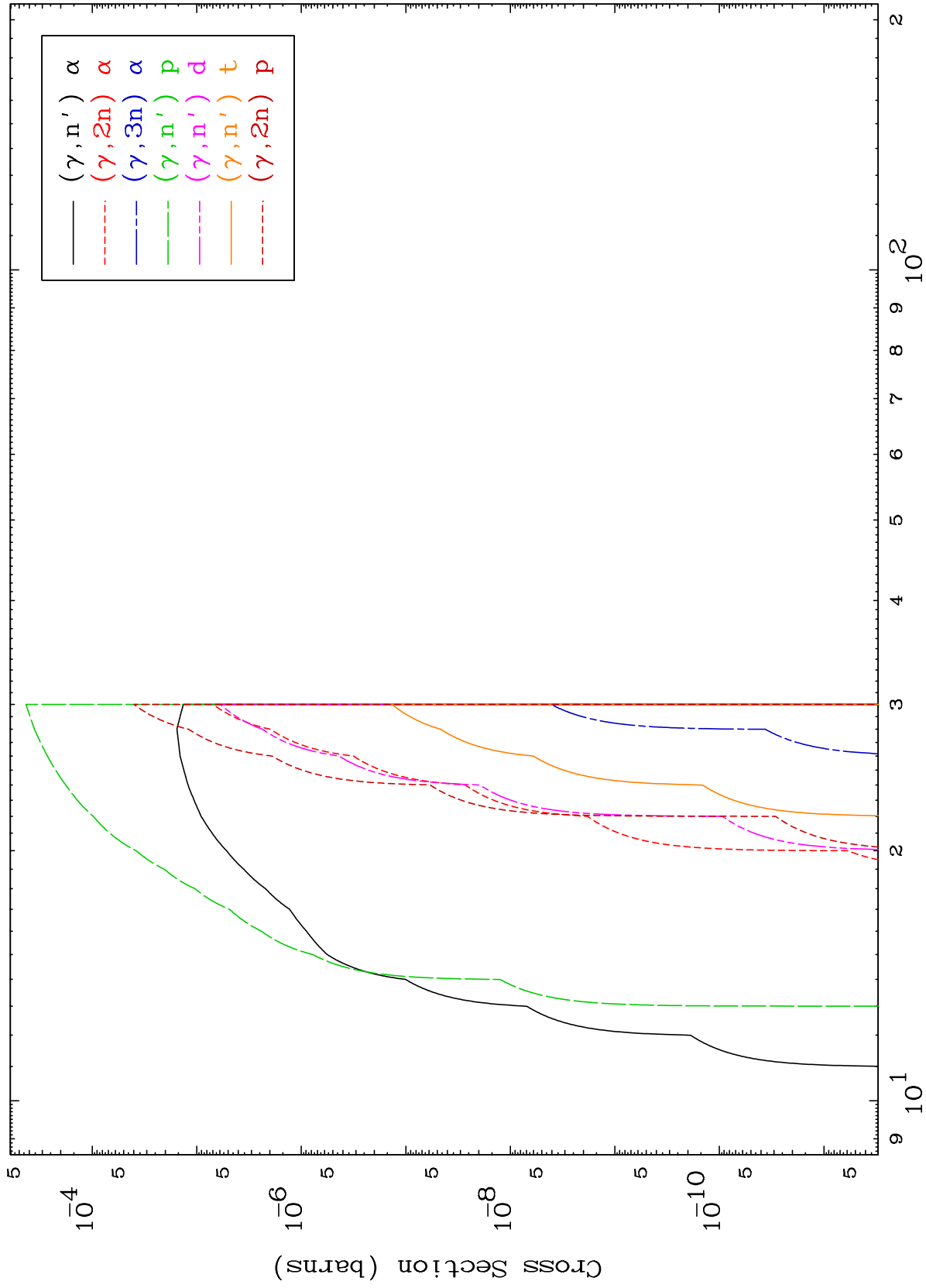
Incident Energy (MeV)



MAT 7320

Photon Charged Particle
0 Kelvin Cross Sections

73-Ta-178



3

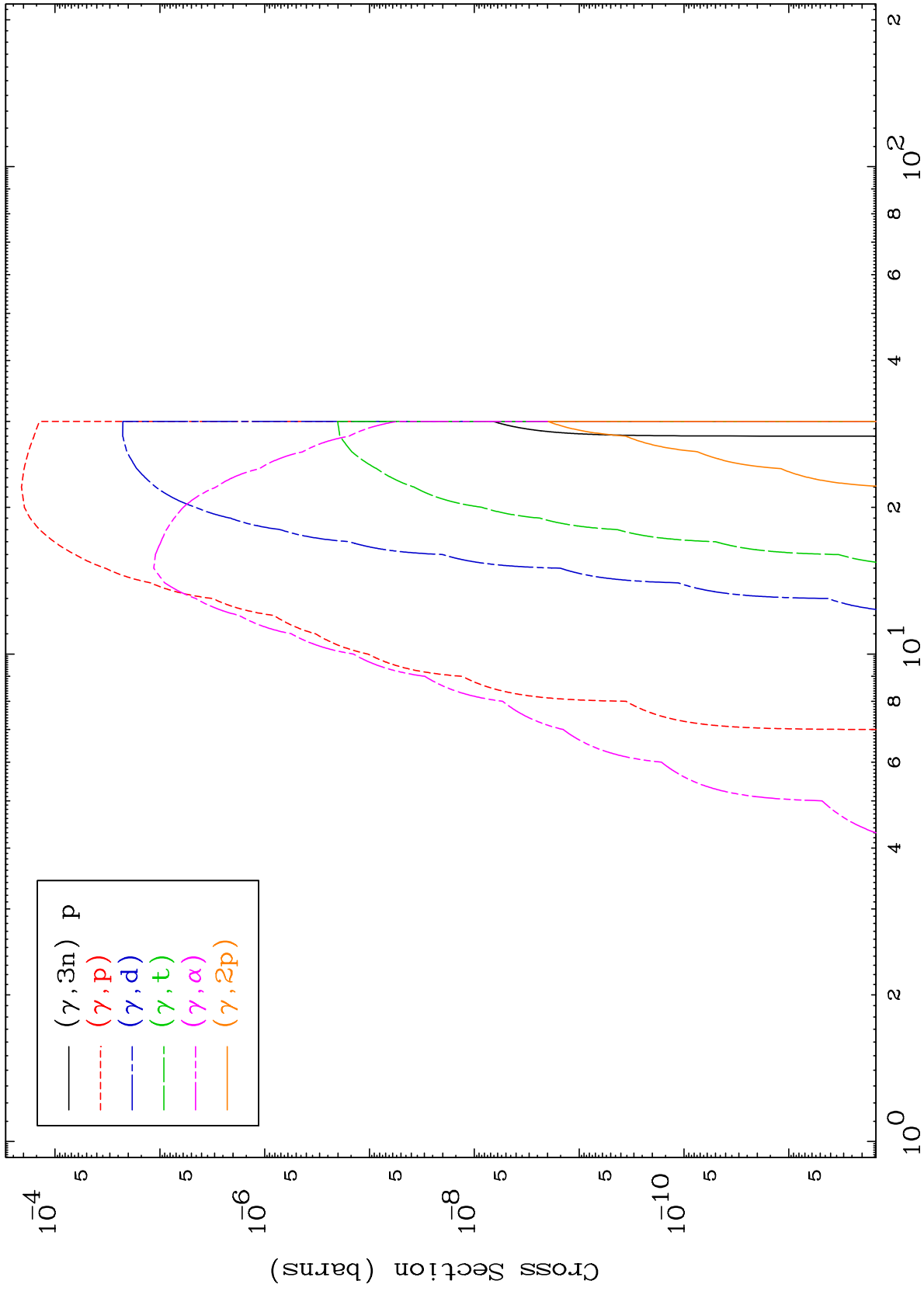
Incident Energy (MeV)

73-Ta-178

MAT 7320

Photon Charged Particle
0 Kelvin Cross Sections

73-Ta-178



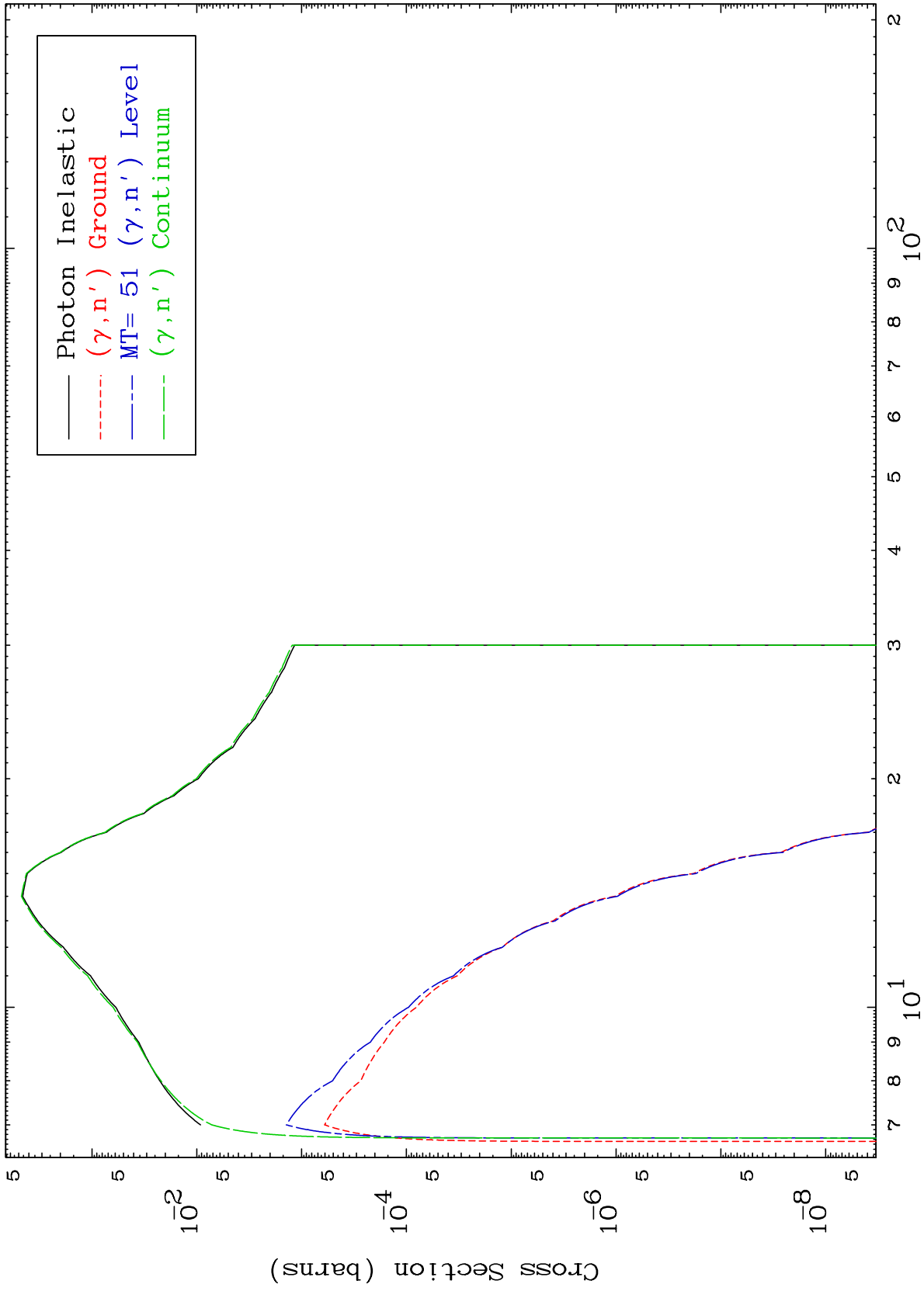
Incident Energy (MeV)

73-Ta-178

MAT 7320

(γ, n') Level
0 Kelvin Cross Sections

$^{73}\text{Ta-178}$



5

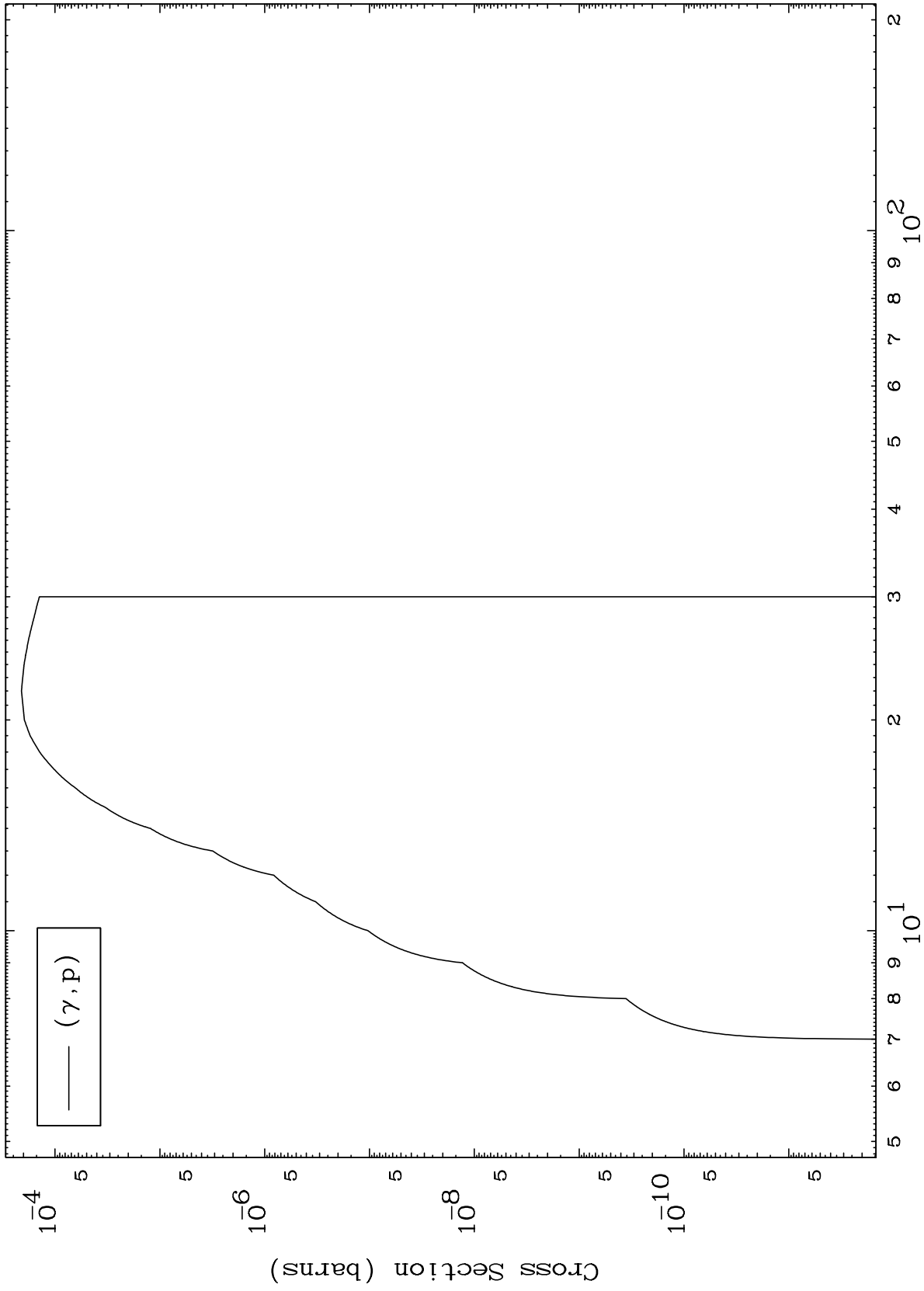
Incident Energy (MeV)

$^{73}\text{Ta-178}$

MAT 7320

(γ, p) Levels
0 Kelvin Cross Sections

73-Ta-178



6

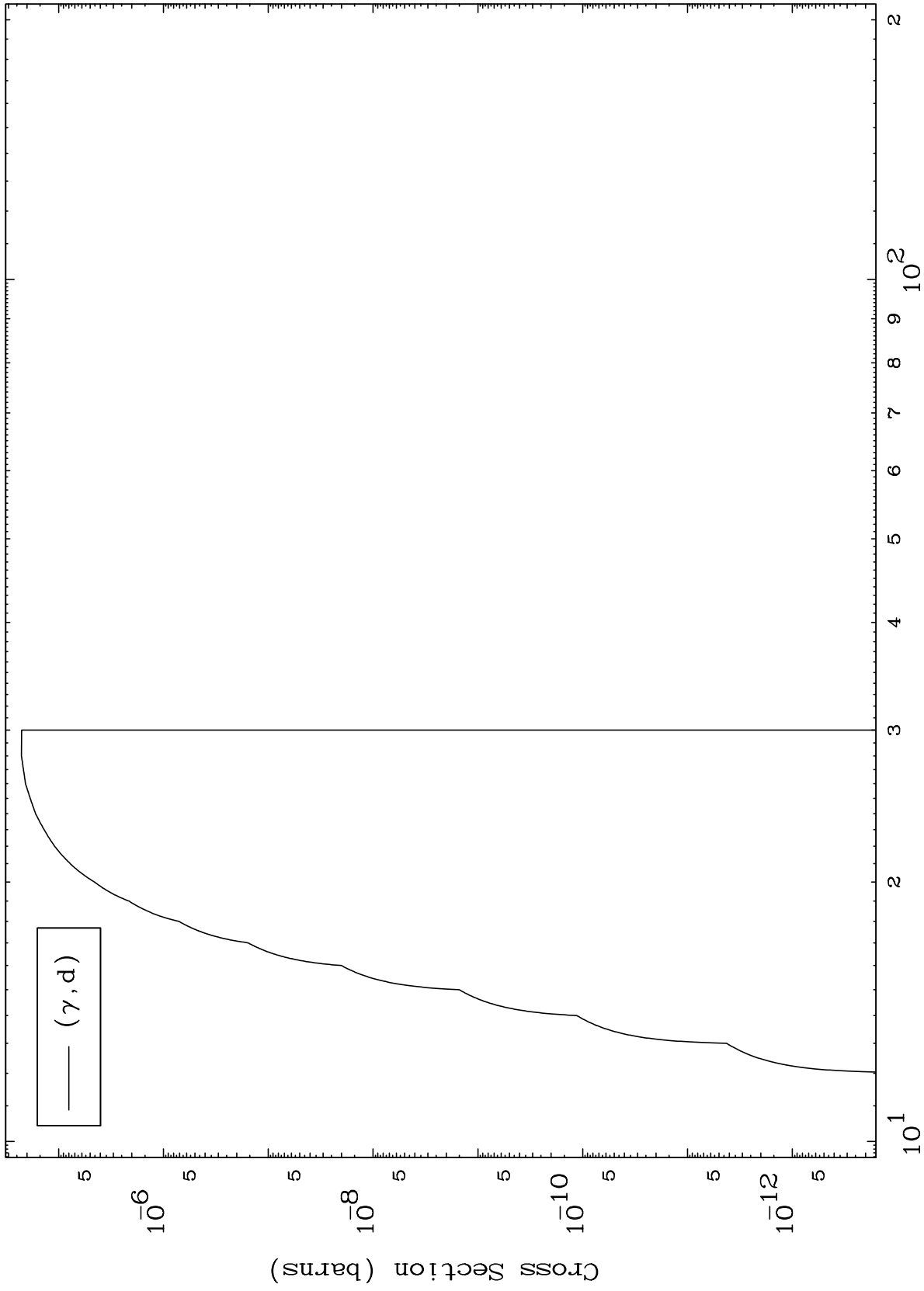
Incident Energy (MeV)

73-Ta-178

MAT 7320

(γ, d) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-178}$



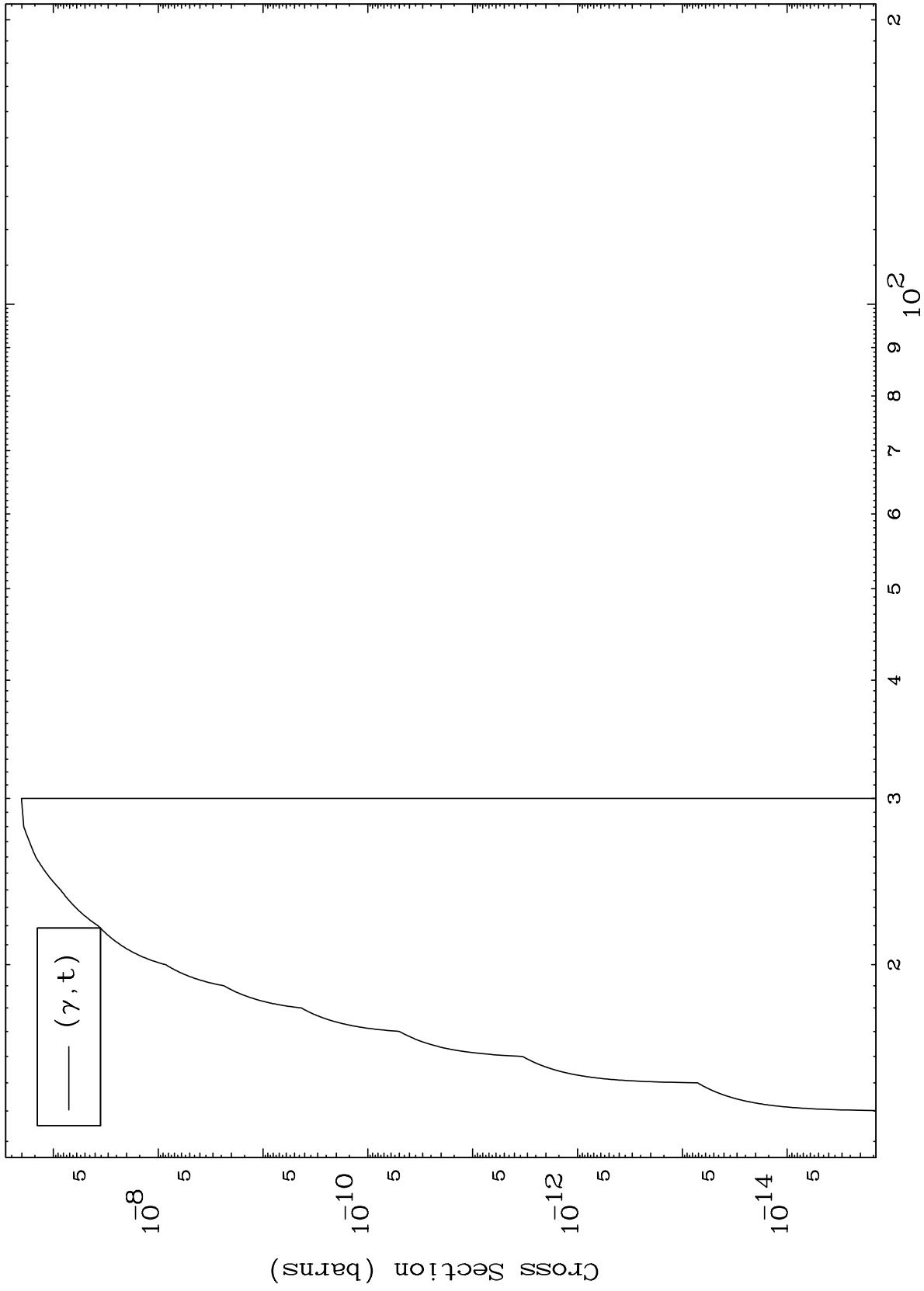
Incident Energy (MeV)

$^{73}\text{Ta-178}$

MAT 7320

(γ, t) Levels
0 Kelvin Cross Sections

$^{73}\text{Ta-178}$



8

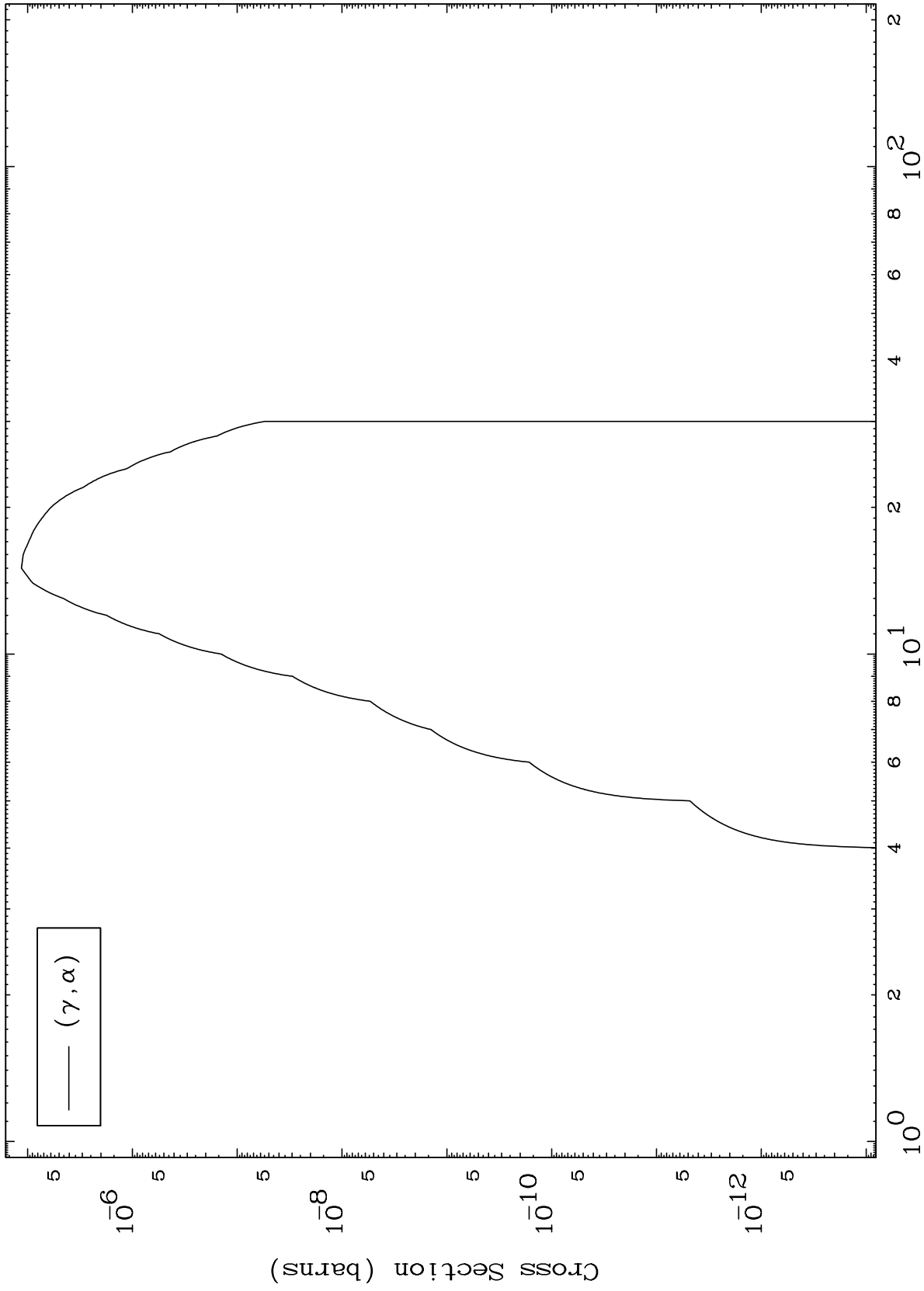
Incident Energy (MeV)

$^{73}\text{Ta-178}$

MAT 7320

(γ, α) Levels
0 Kelvin Cross Sections

73-Ta-178



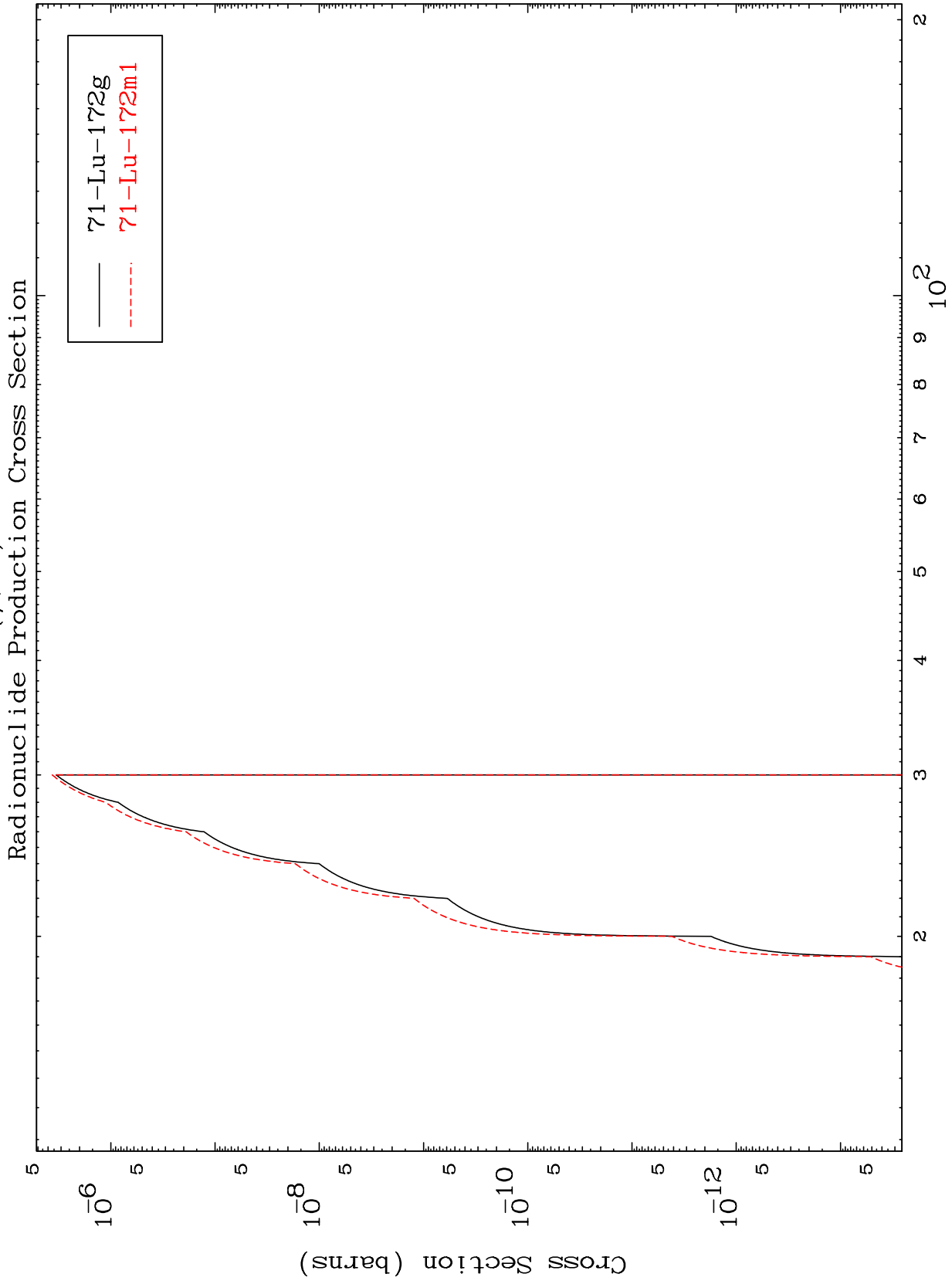
Incident Energy (MeV)

73-Ta-178

MAT 7320

$(\gamma, 2n) \alpha$

⁷³Ta-178



10

Incident Energy (MeV)

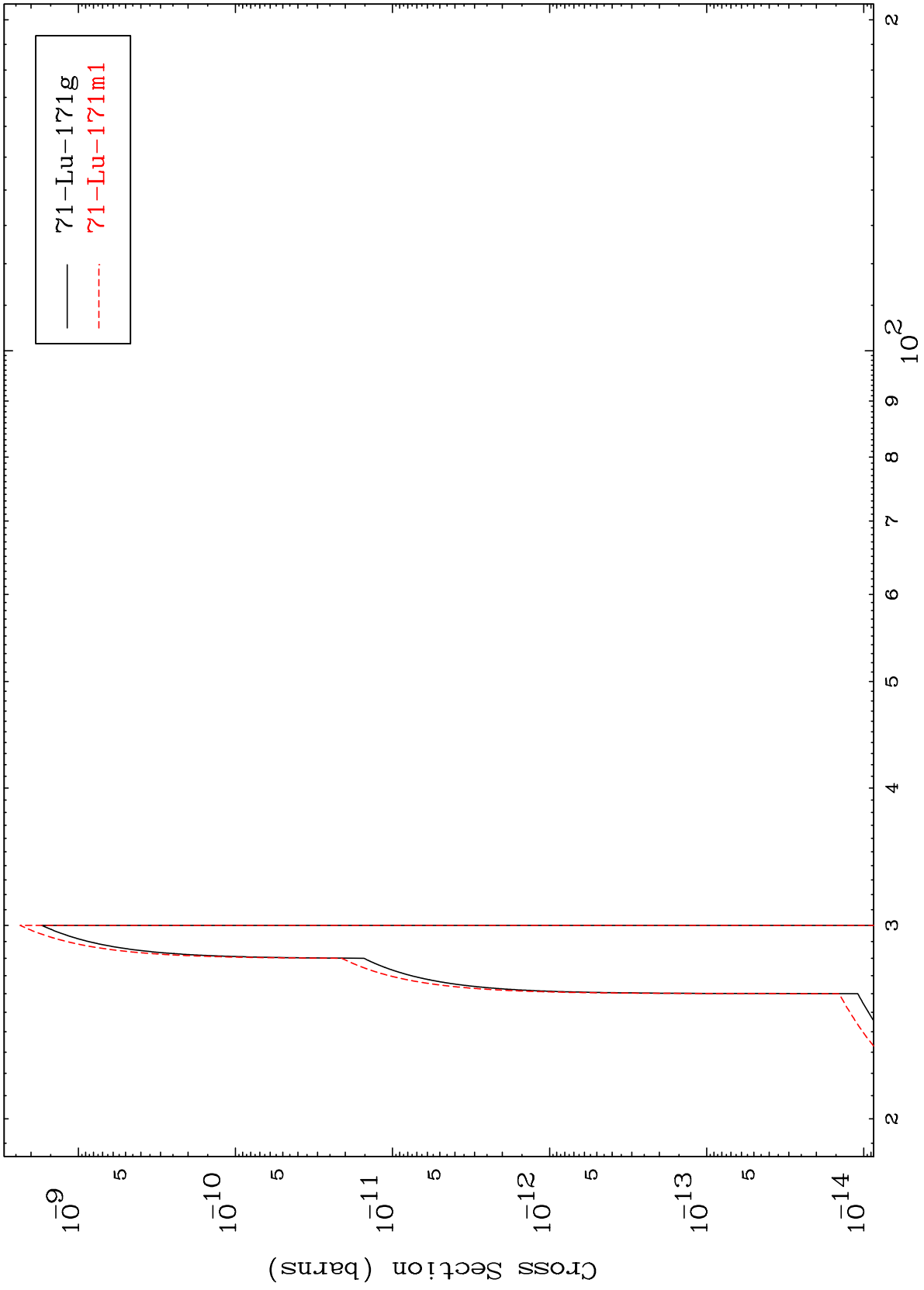
⁷³Ta-178

MAT 7320

$(\gamma, 3n) \alpha$

$^{73}\text{Ta-178}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

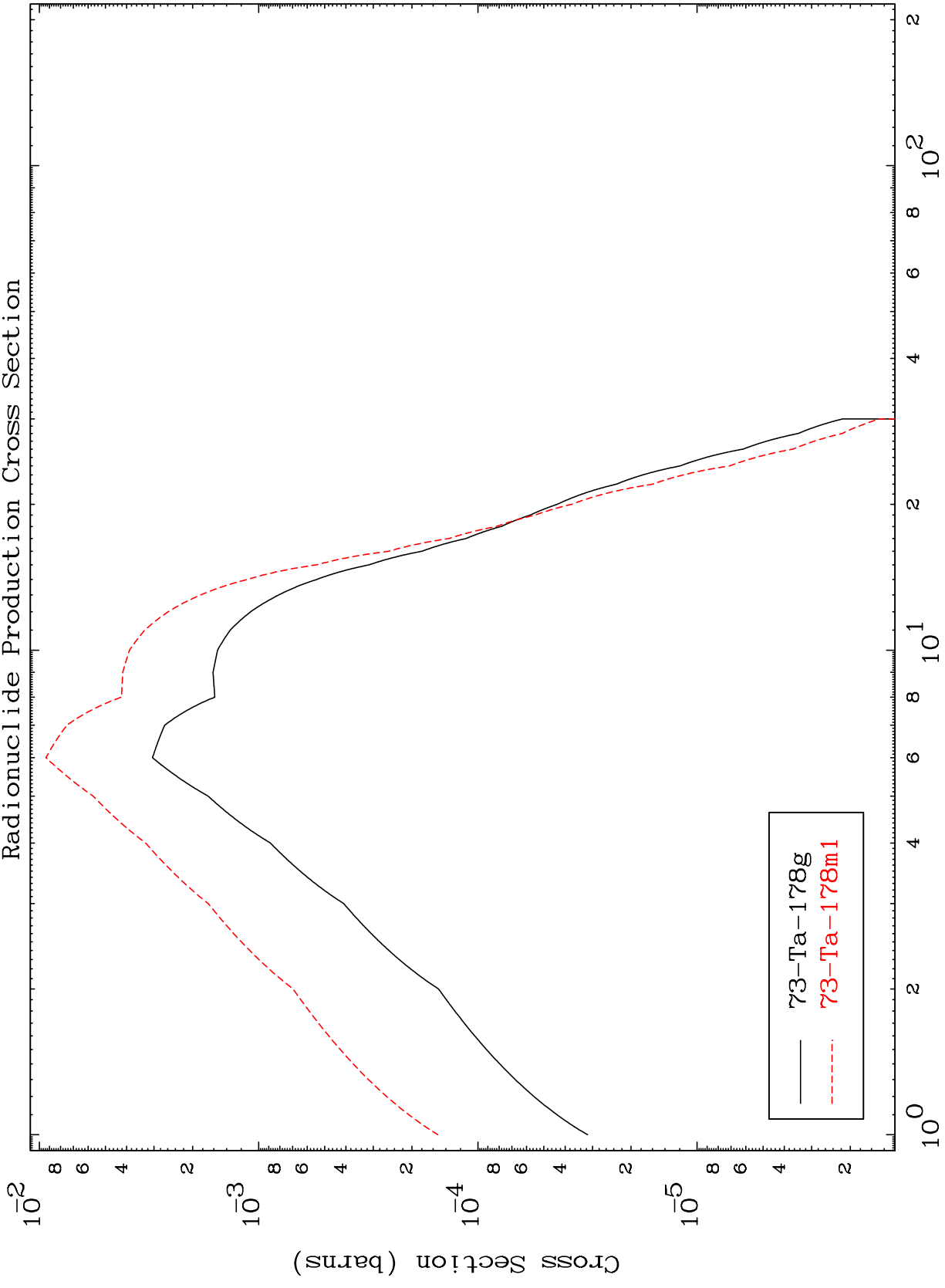
$^{73}\text{Ta-178}$

MAT 7320

⁷³Ta-178

Radionuclide Production Cross Section

(γ, γ)



⁷³Ta-178

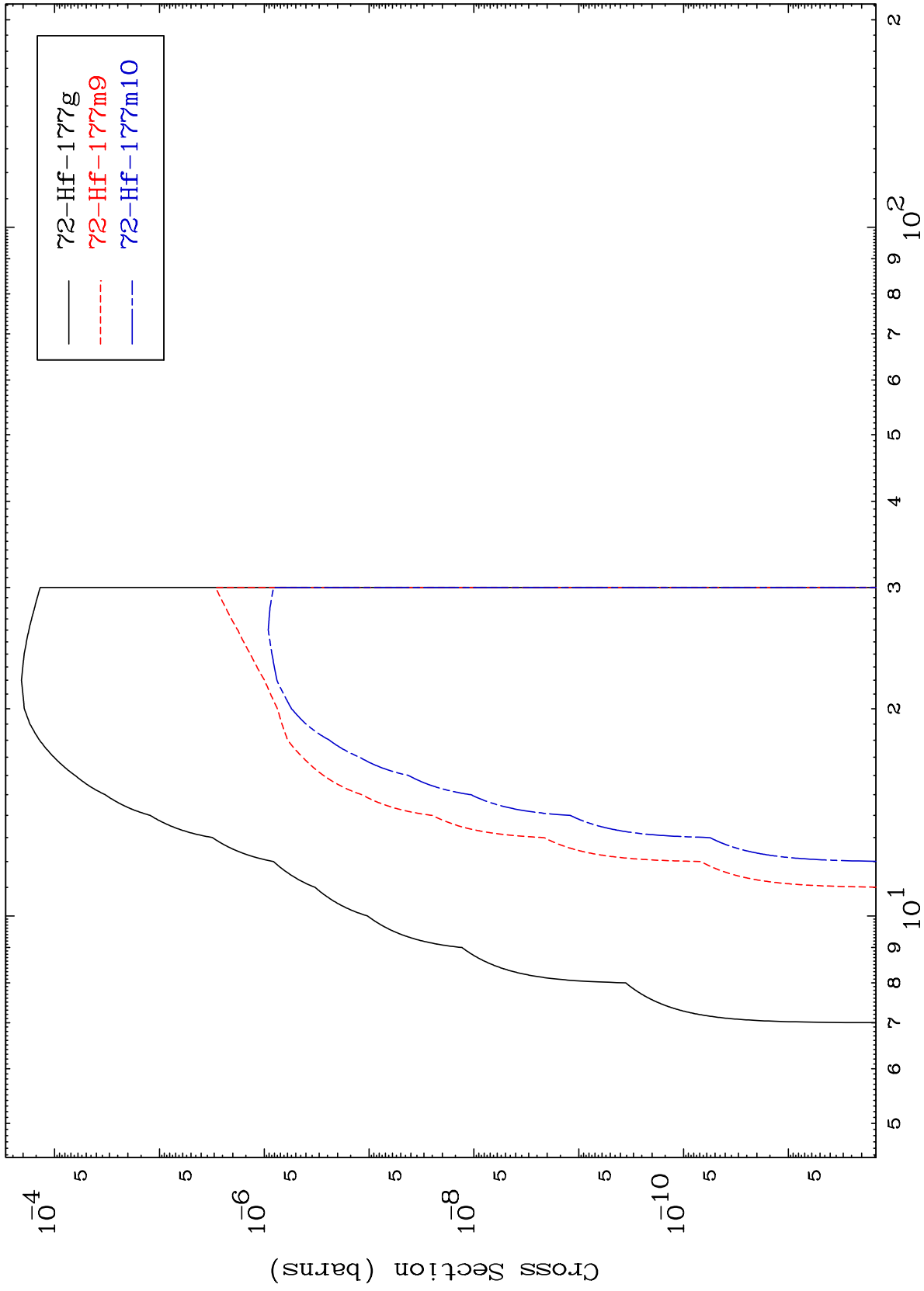
Incident Energy (MeV)

12

MAT 7320

73-Ta-178

Radionuclide Production Cross Section
(γ, p)



13

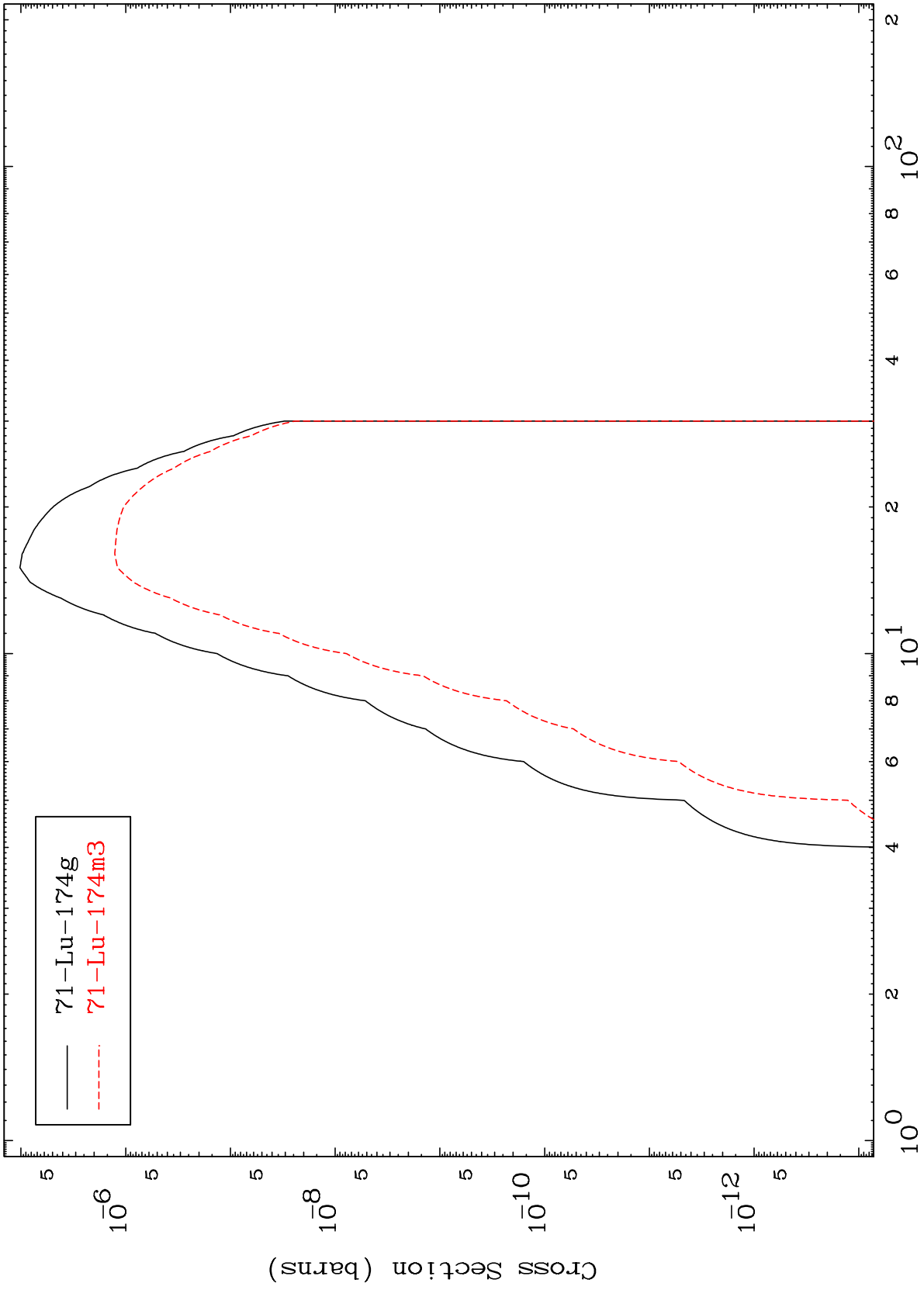
Incident Energy (MeV)

73-Ta-178

MAT 7320

Radionuclide Production Cross Section
(γ, α)

$^{73}\text{Ta-178}$



— $^{71}\text{Lu-174g}$
- - - $^{71}\text{Lu-174m3}$

14

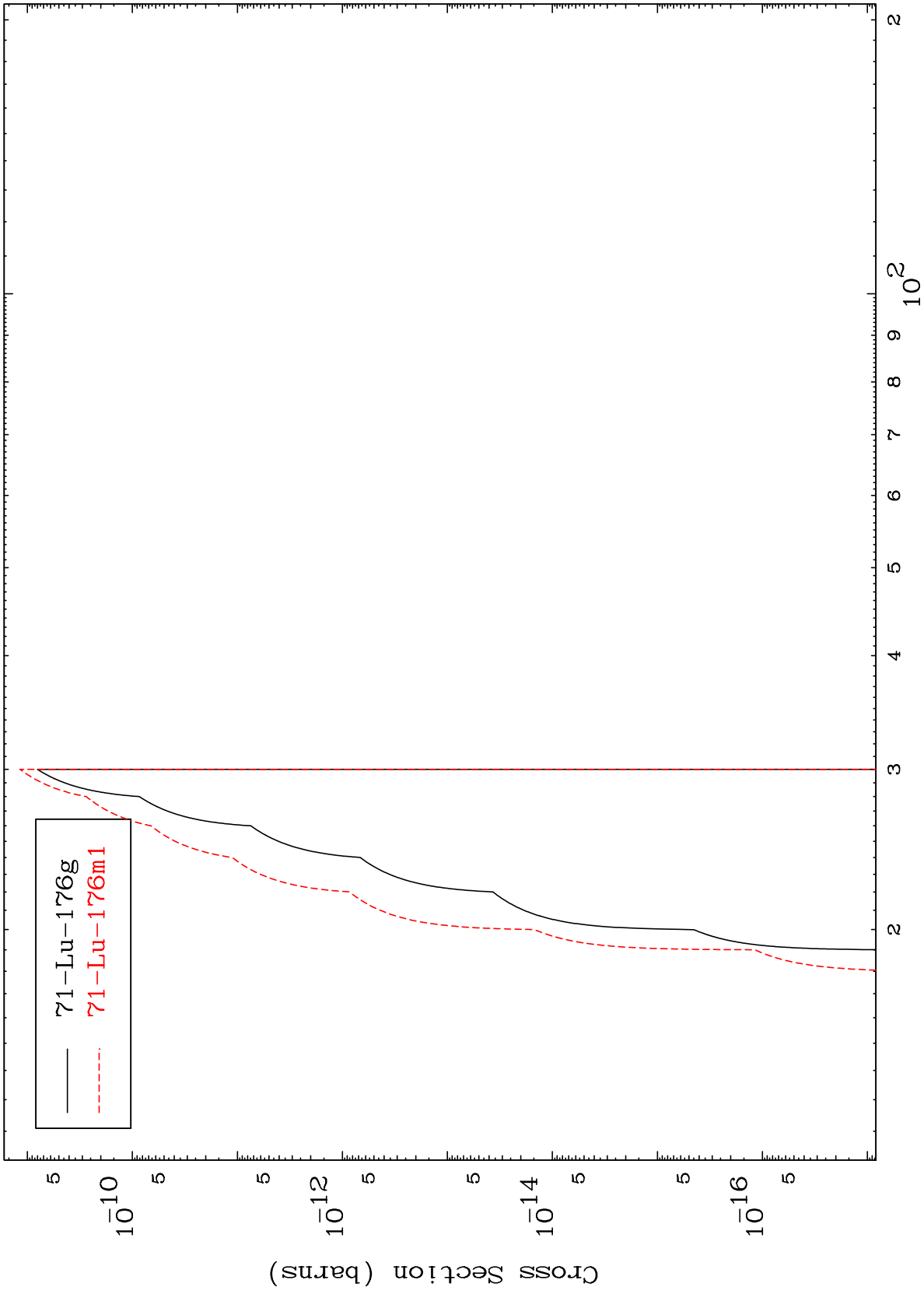
Incident Energy (MeV)

$^{73}\text{Ta-178}$

MAT 7320

⁷³Ta-178

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



15

Incident Energy (MeV)

⁷³Ta-178