

Program EVALPLOT
(Version 2018-1)

by

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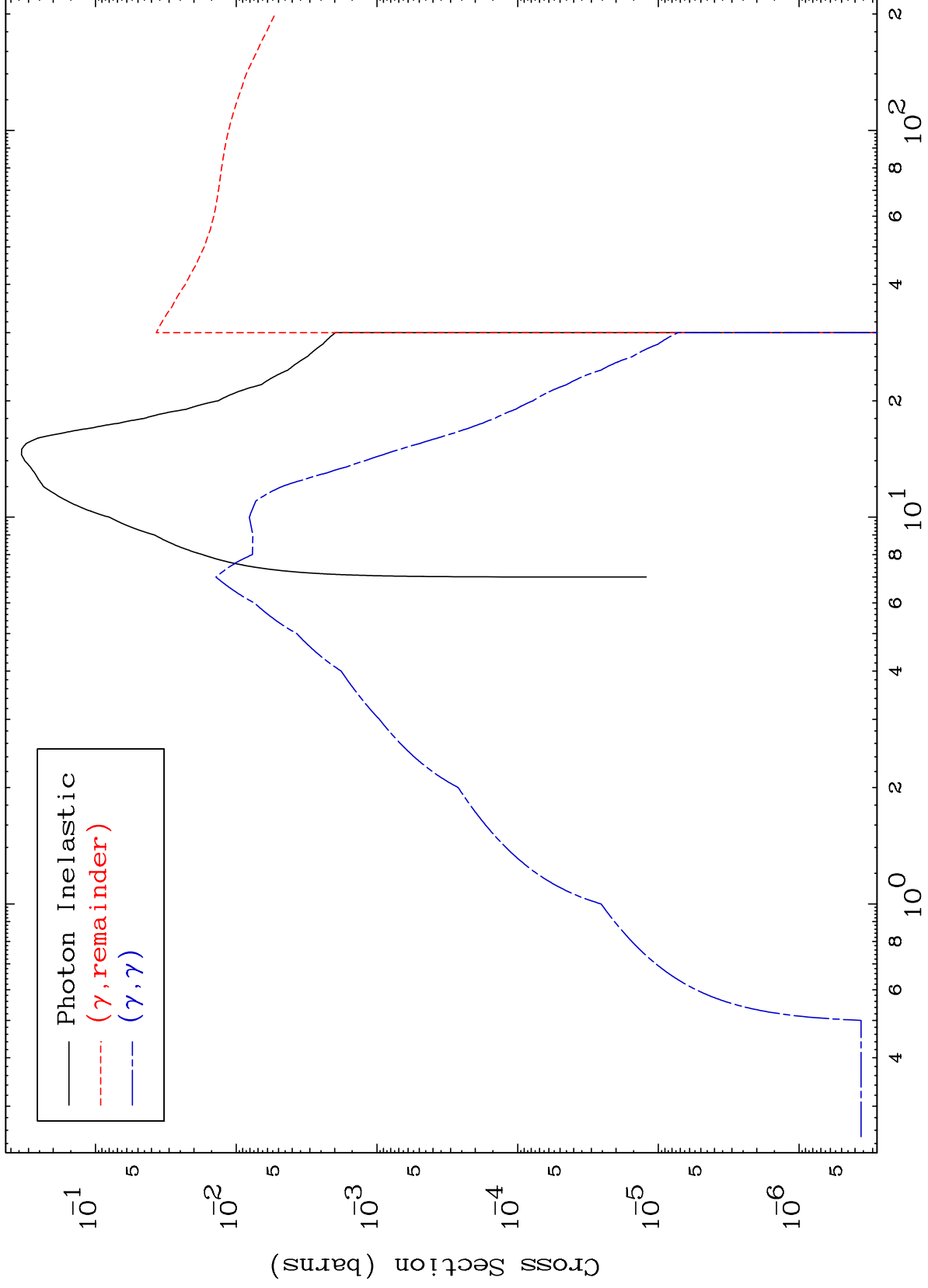
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7319

Photon Major
0 Kelvin Cross Sections

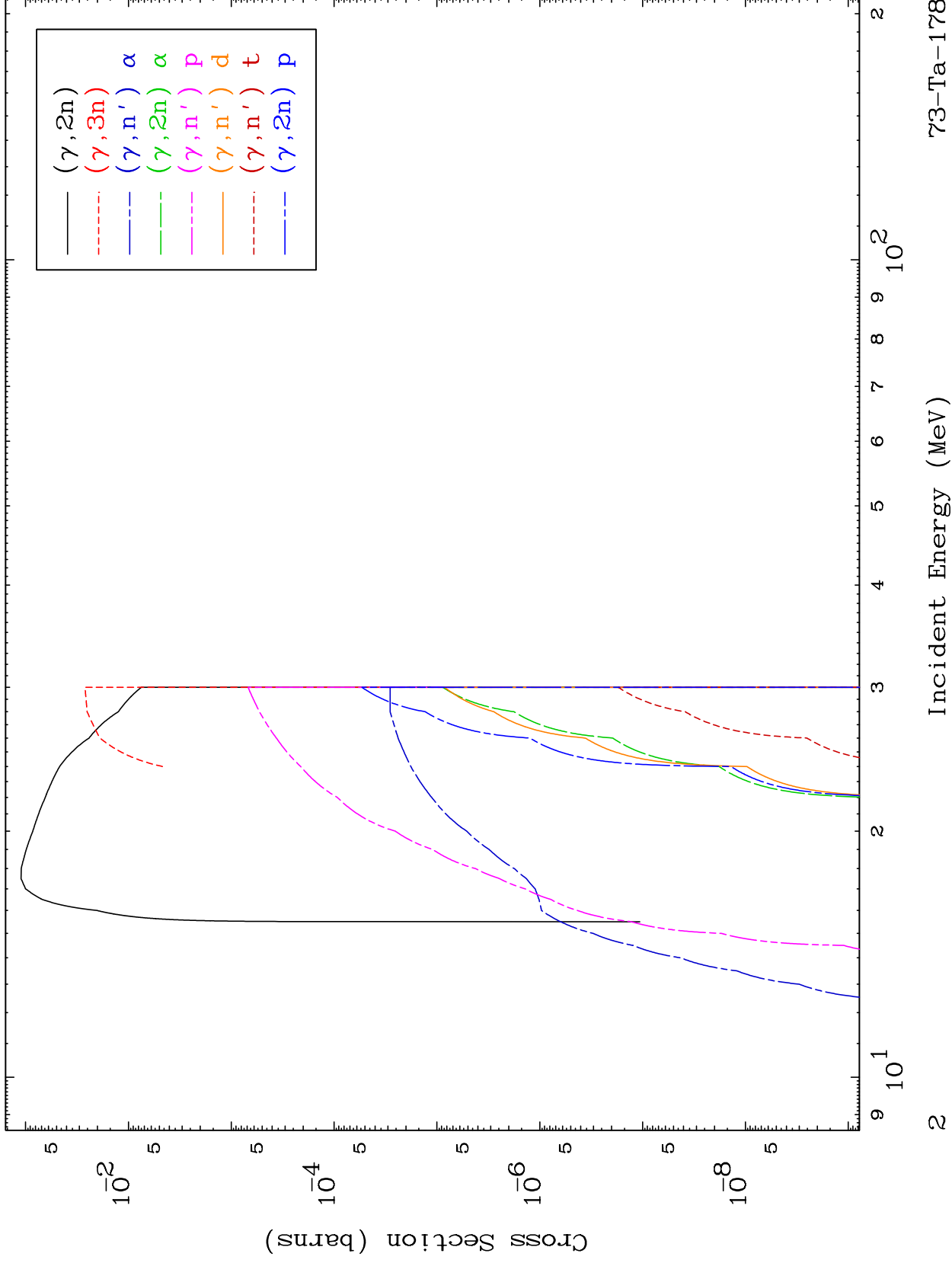
73-Ta-178



MAT 7319

Photon Neutron Production
0 Kelvin Cross Sections

73-Ta-178



73-Ta-178

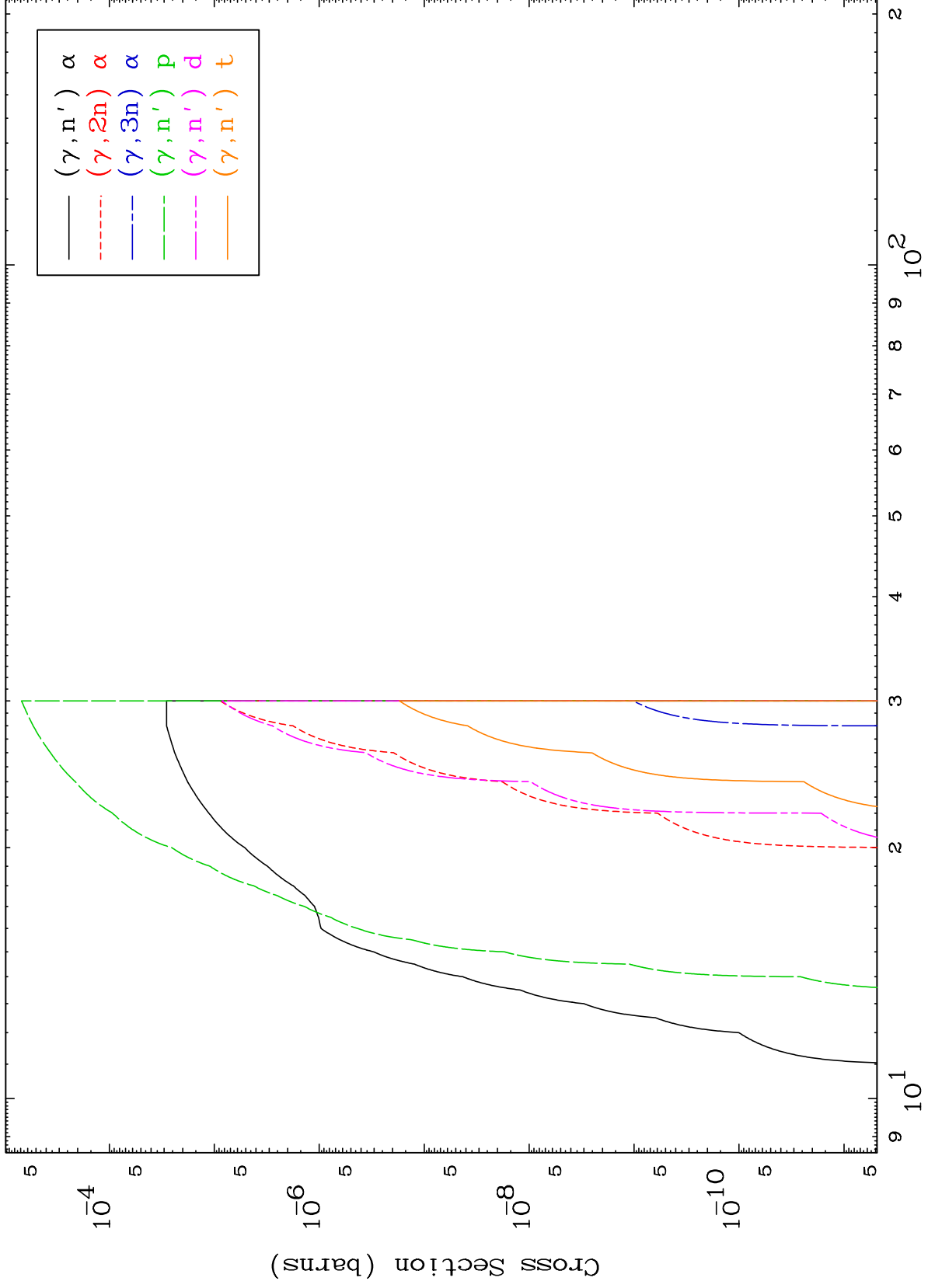
Incident Energy (MeV)

2

MAT 7319

Photon Charged Particle
0 Kelvin Cross Sections

73-Ta-178



73-Ta-178

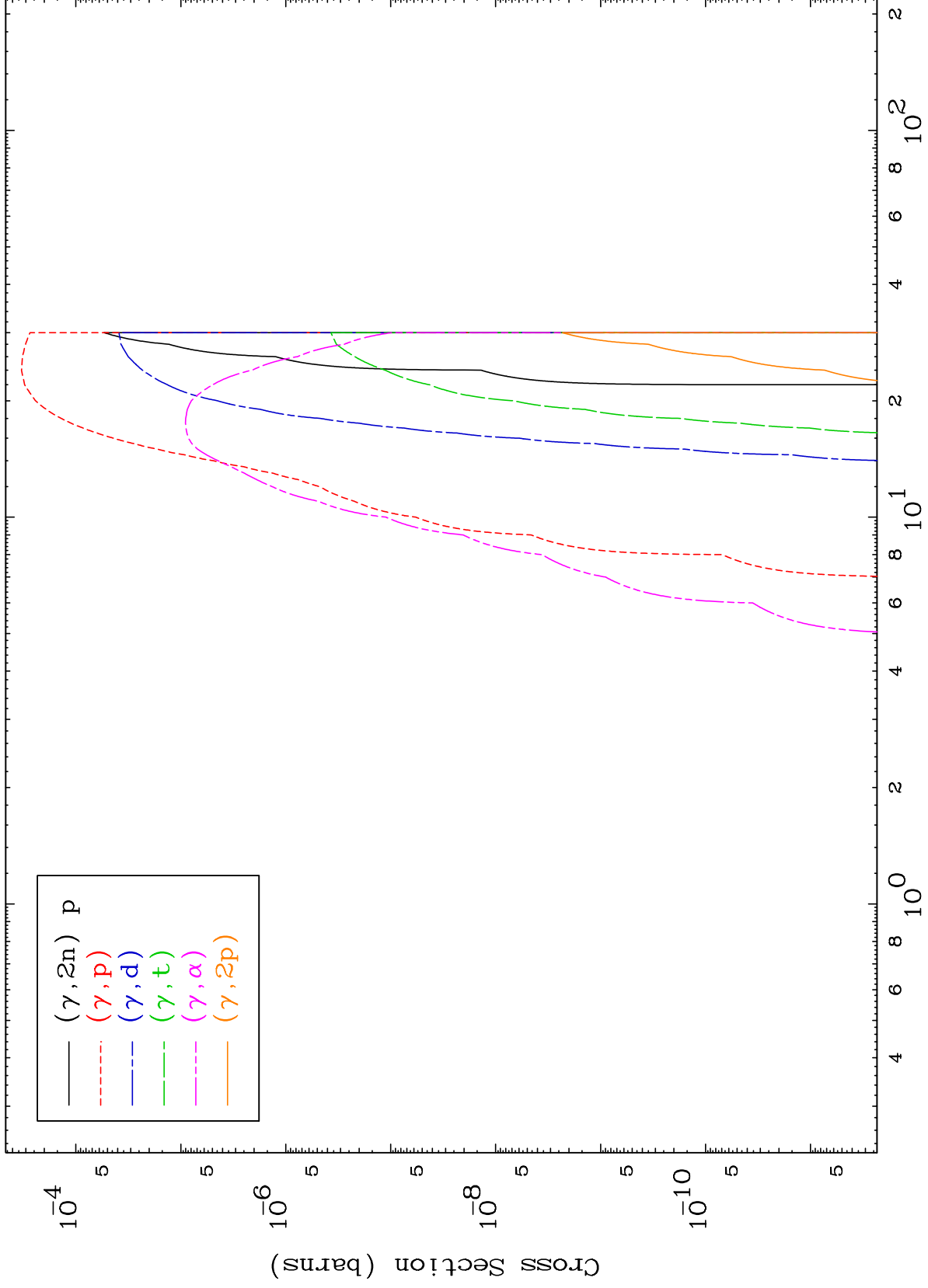
Incident Energy (MeV)

3

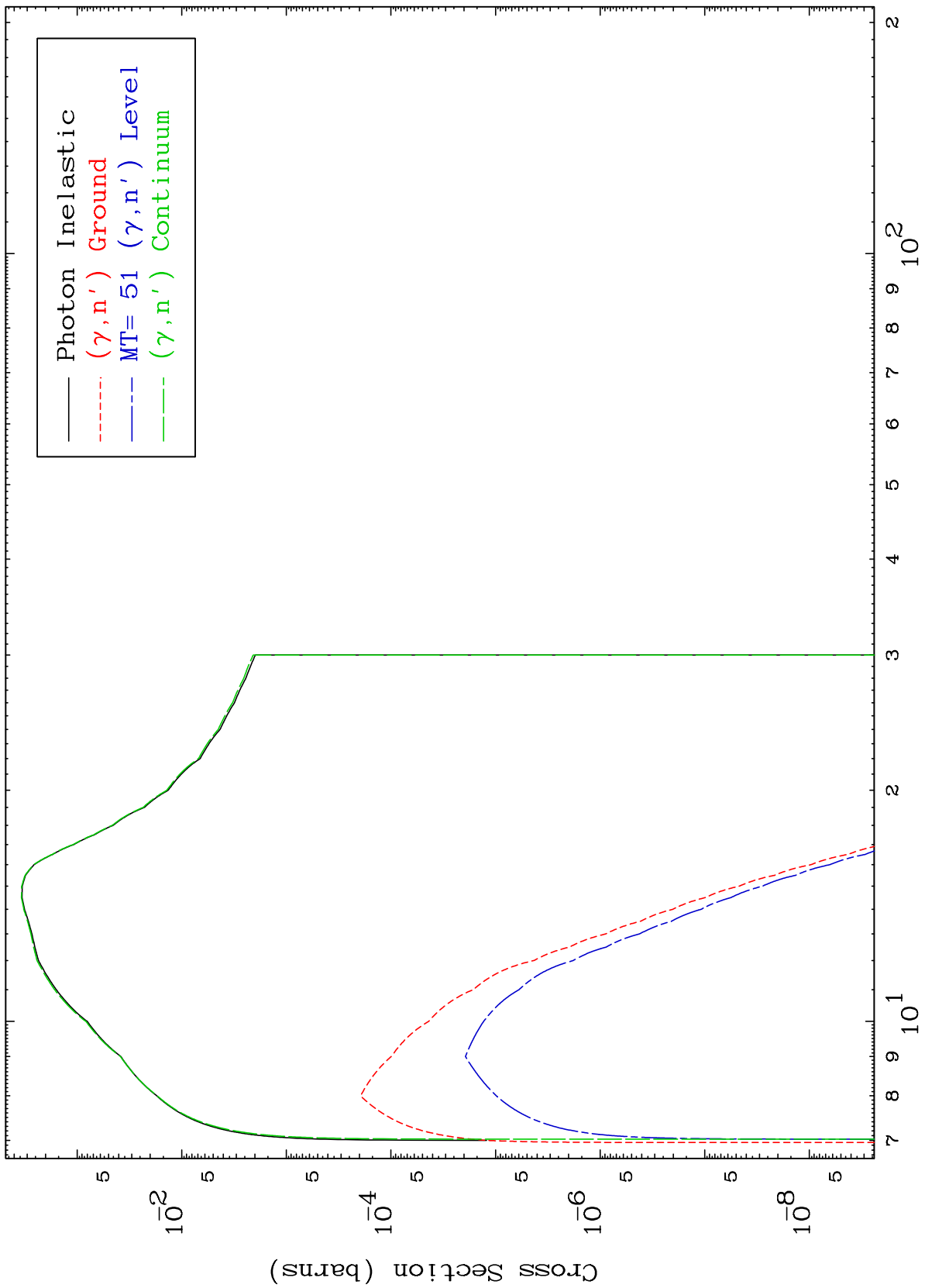
MAT 7319

Photon Charged Particle
0 Kelvin Cross Sections

73-Ta-178



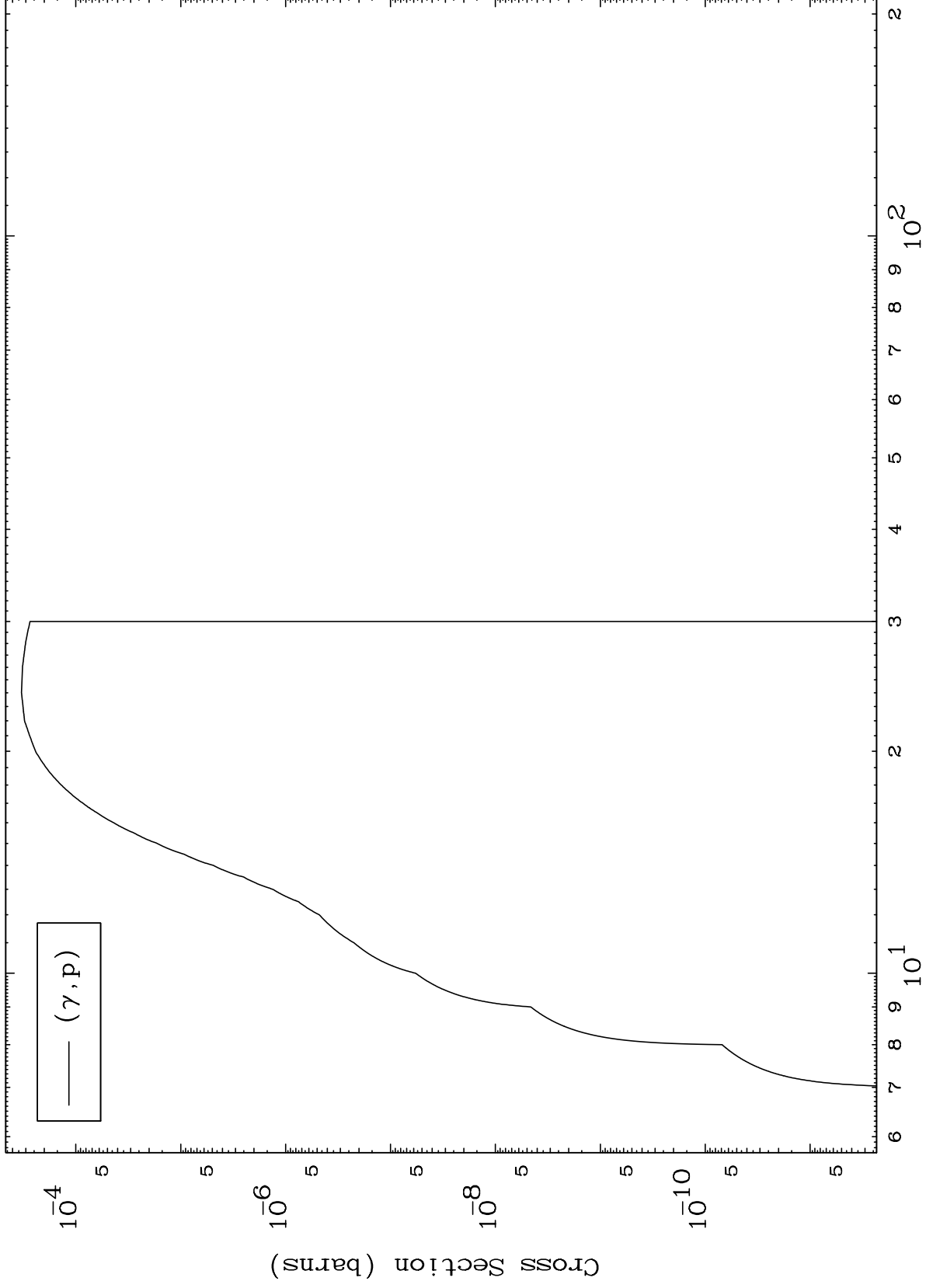
0 Kelvin Cross Sections



MAT 7319

(γ, p) Levels
0 Kelvin Cross Sections

73-Ta-178



6

Incident Energy (MeV)

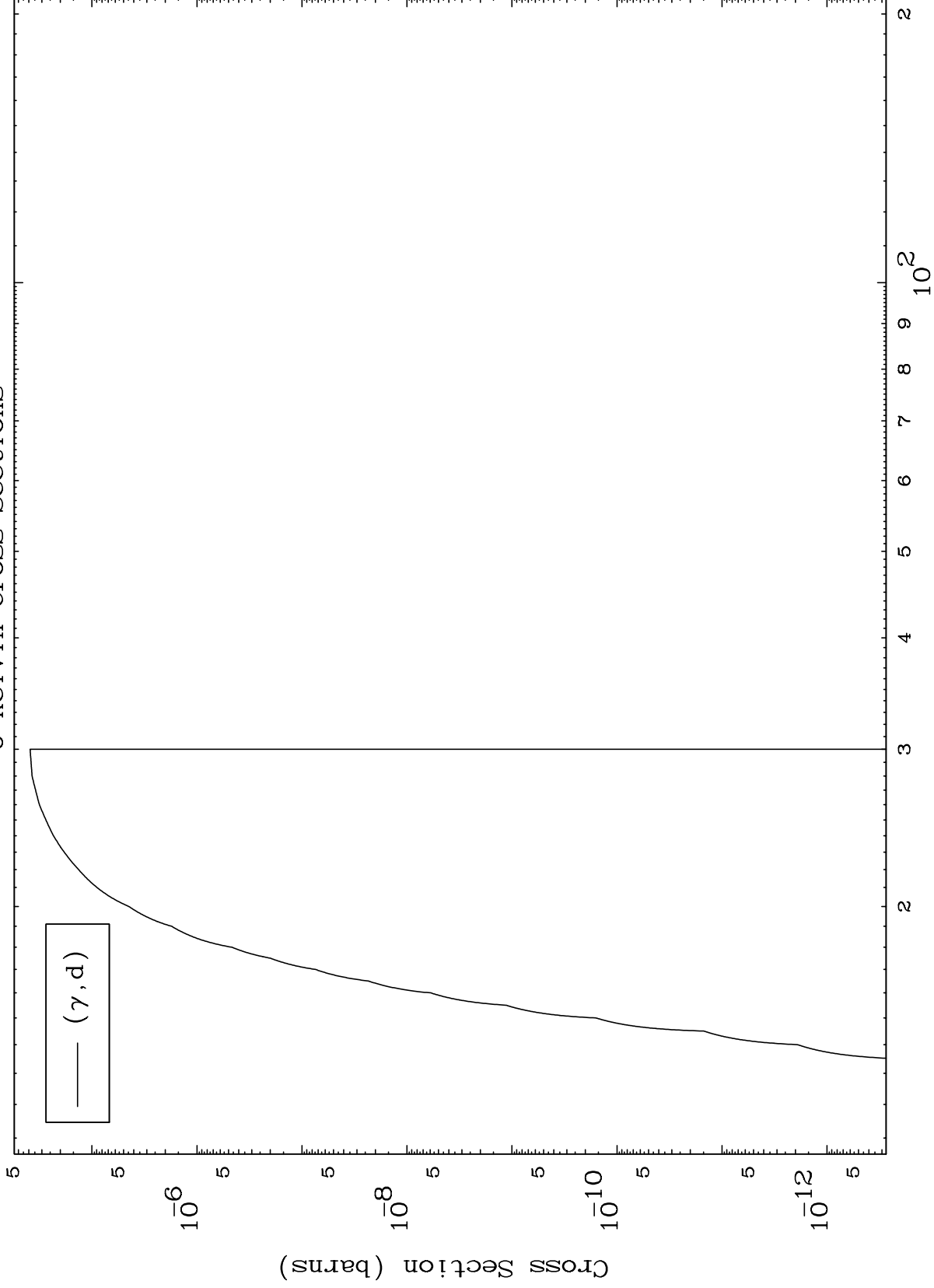
73-Ta-178

MAT 7319

(γ, d) Levels

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

0 Kelvin Cross Sections



7

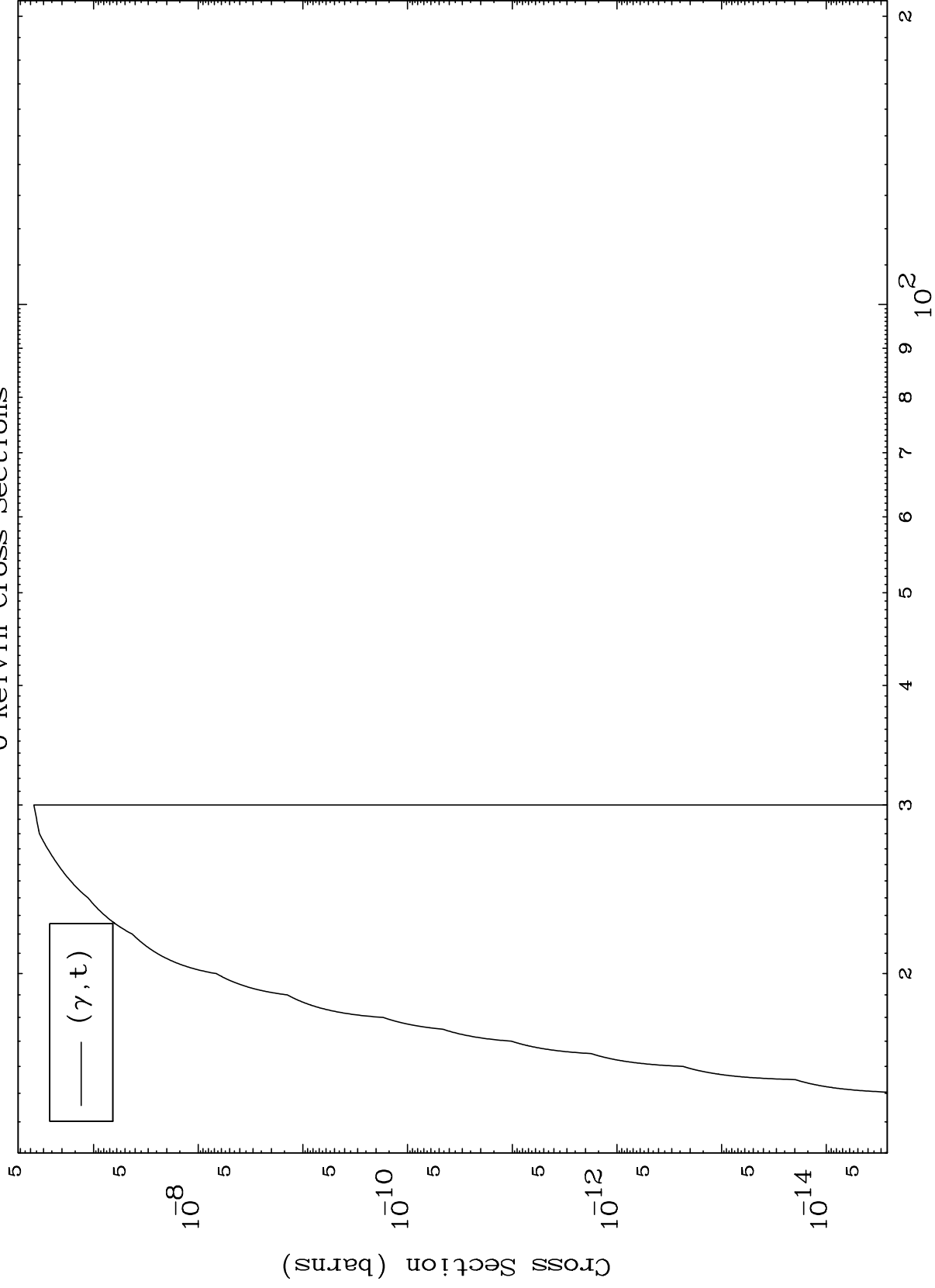
Incident Energy (MeV)

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

MAT 7319

73-Ta-178

(γ, t) Levels
0 Kelvin Cross Sections



73-Ta-178

Incident Energy (MeV)

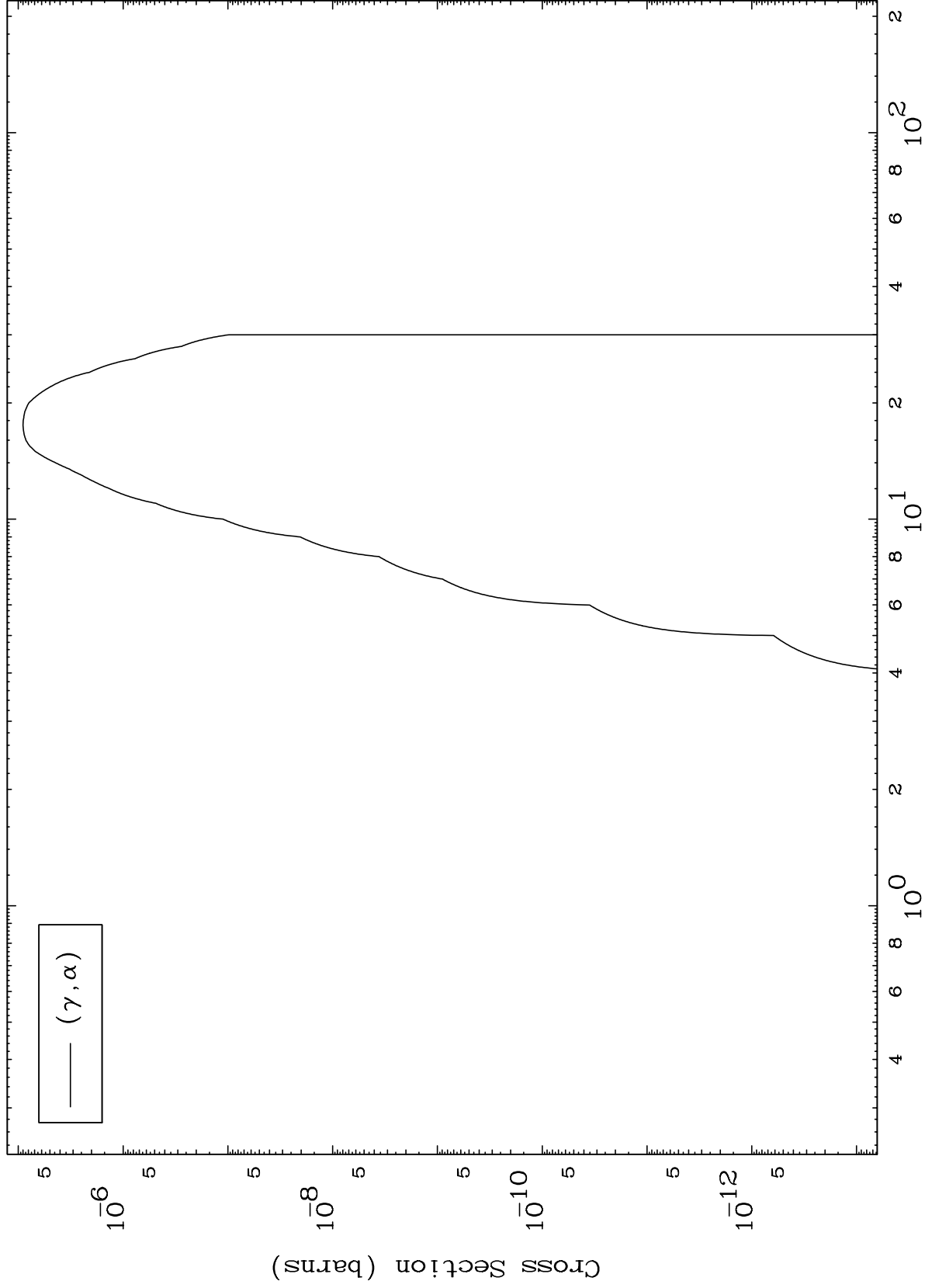
8

MAT 7319

(γ, α) Levels

73-Ta-178

0 Kelvin Cross Sections

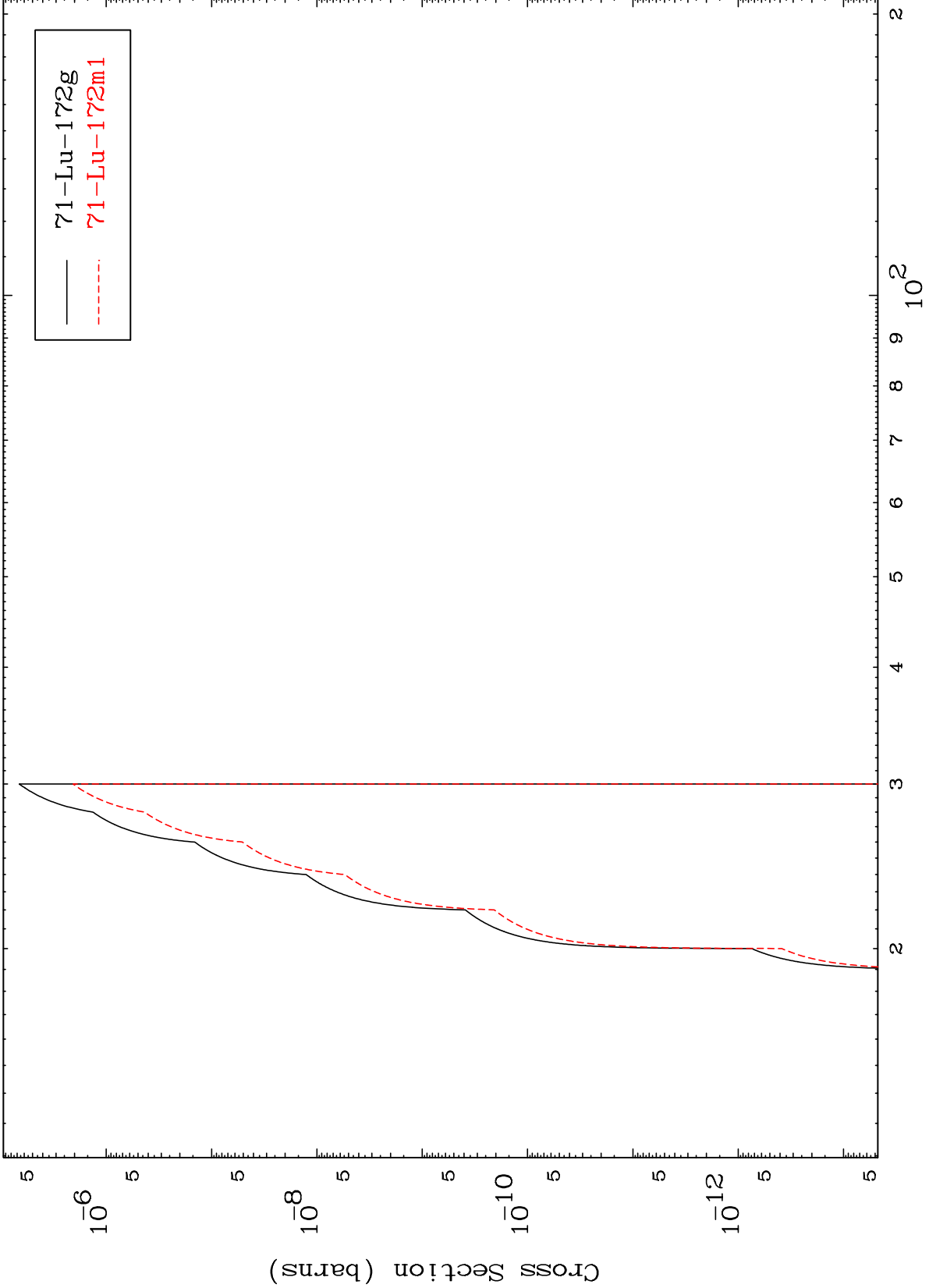


MAT 7319

$(\gamma, 2n) \alpha$

⁷³Ta-¹⁷⁸

Radionuclide Production Cross Section



10

Incident Energy (MeV)

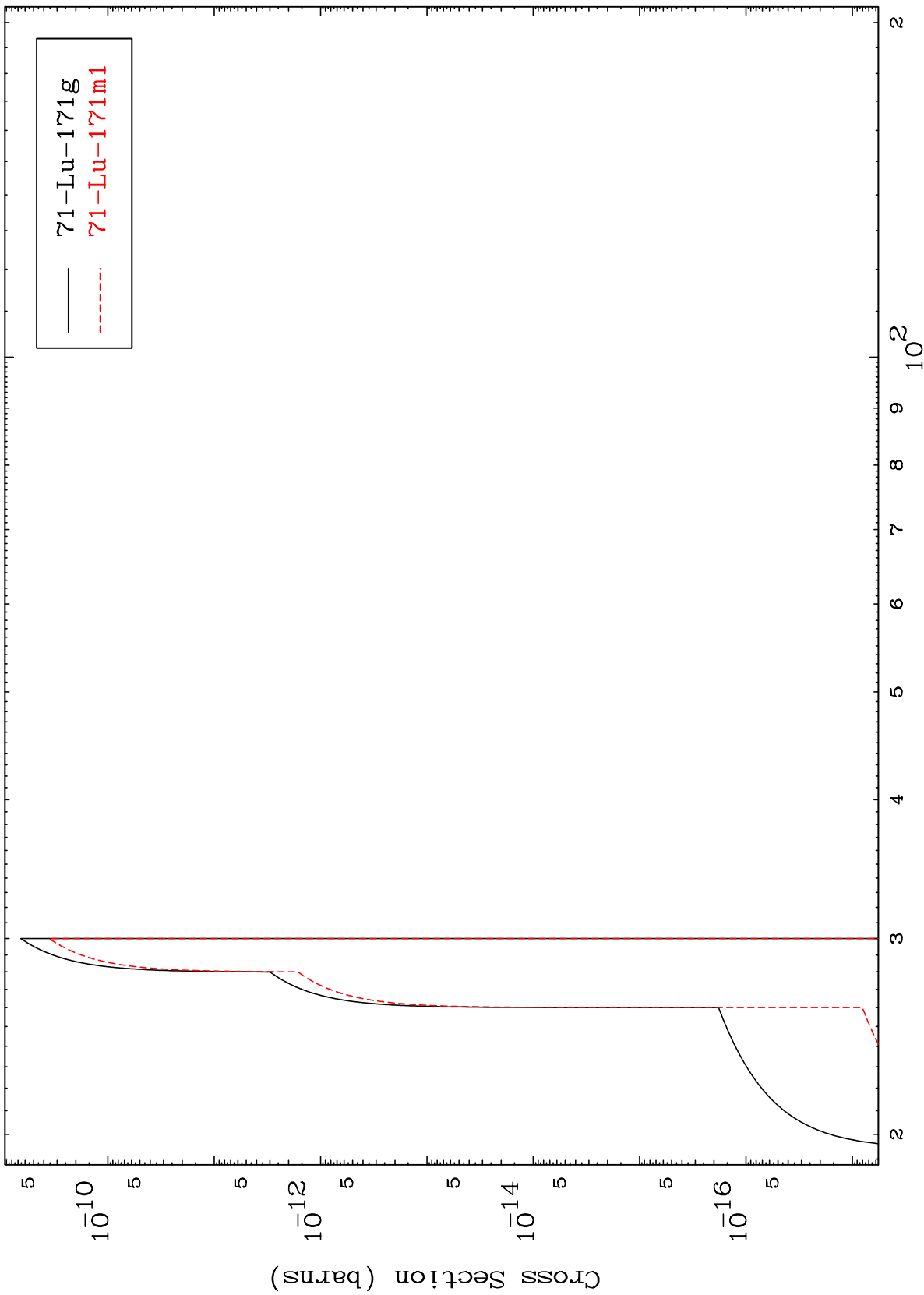
⁷³Ta-¹⁷⁸

MAT 7319

$(\gamma, 3n) \alpha$

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

Radionuclide Production Cross Section



11

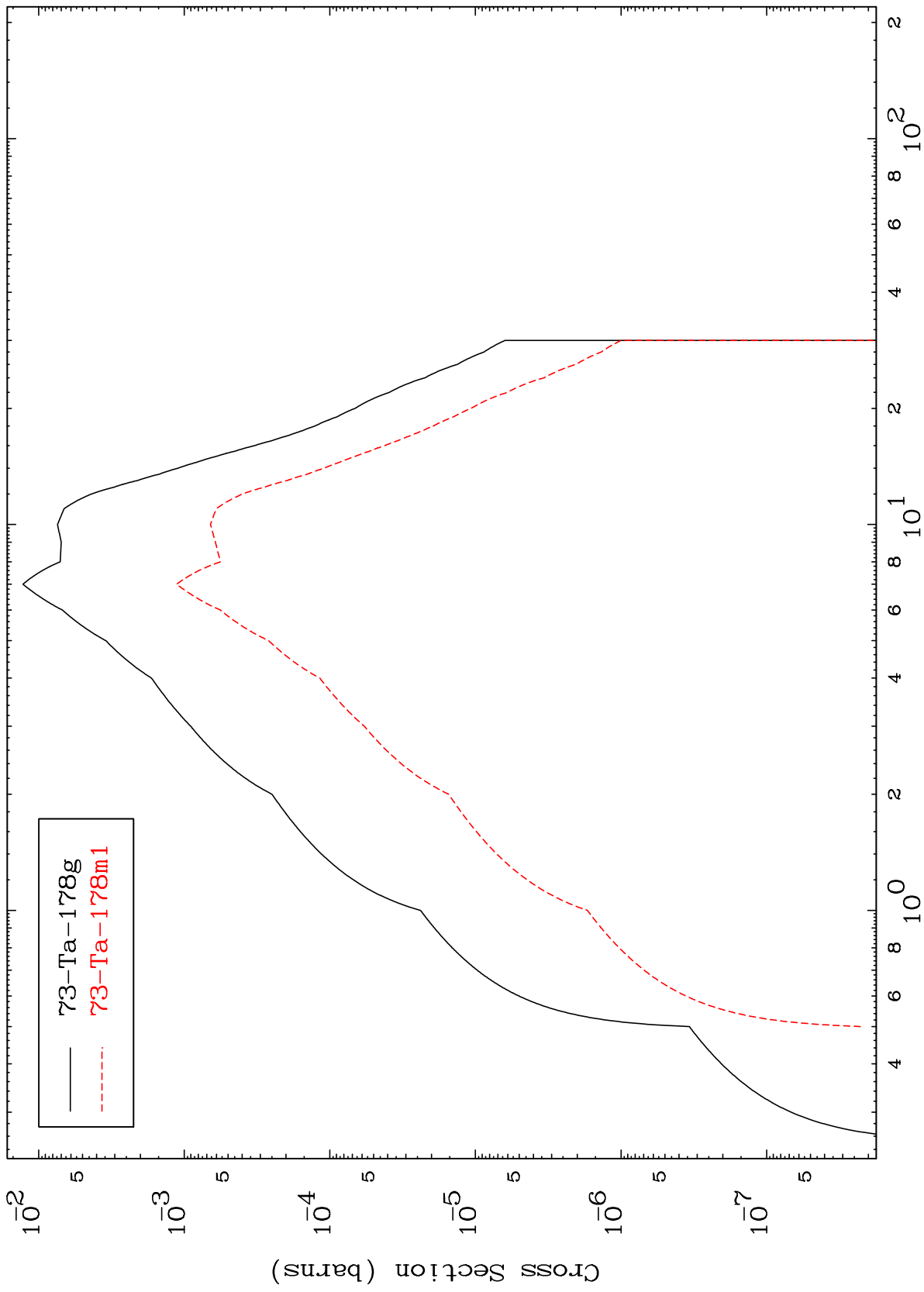
Incident Energy (MeV)

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

MAT 7319

⁷³Ta-178

Radionuclide Production Cross Section



Legend:
— 73-Ta-178g
- - - 73-Ta-178m1

Incident Energy (MeV)

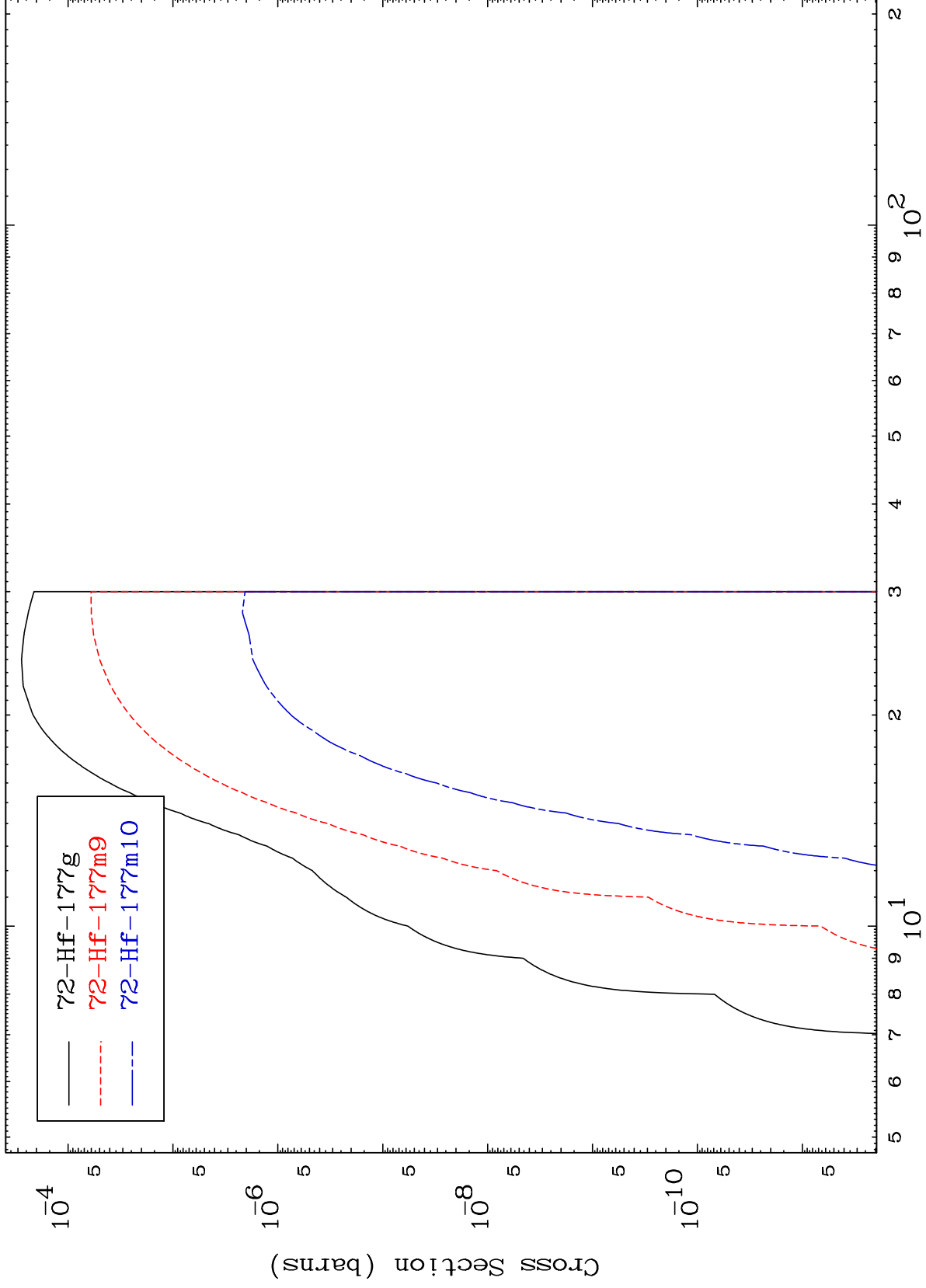
⁷³Ta-178

12

MAT 7319

73-Ta-178

(γ, p)
Radionuclide Production Cross Section



13

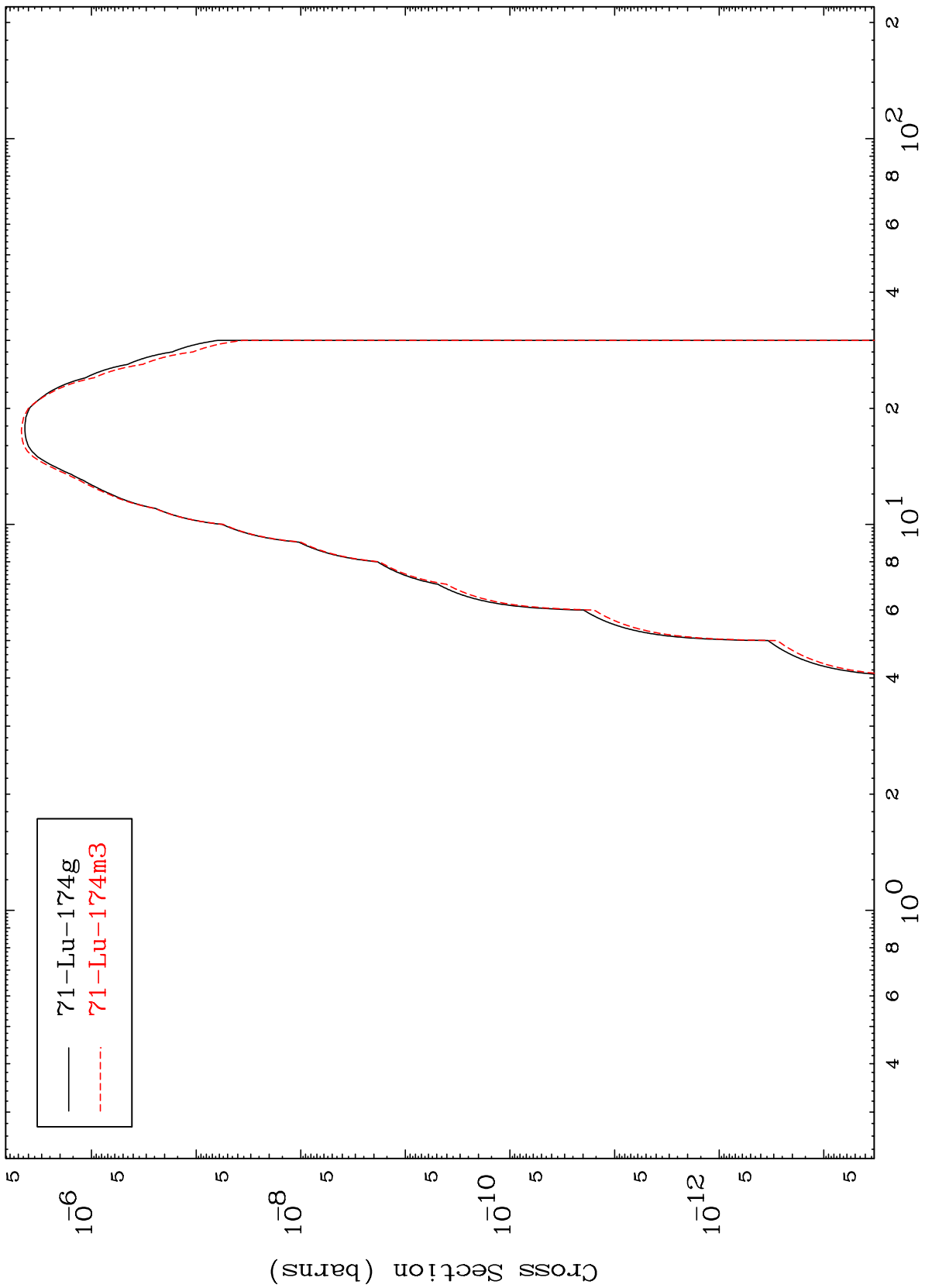
Incident Energy (MeV)

73-Ta-178

MAT 7319

73-Ta-178

(γ, α)
Radionuclide Production Cross Section



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

14

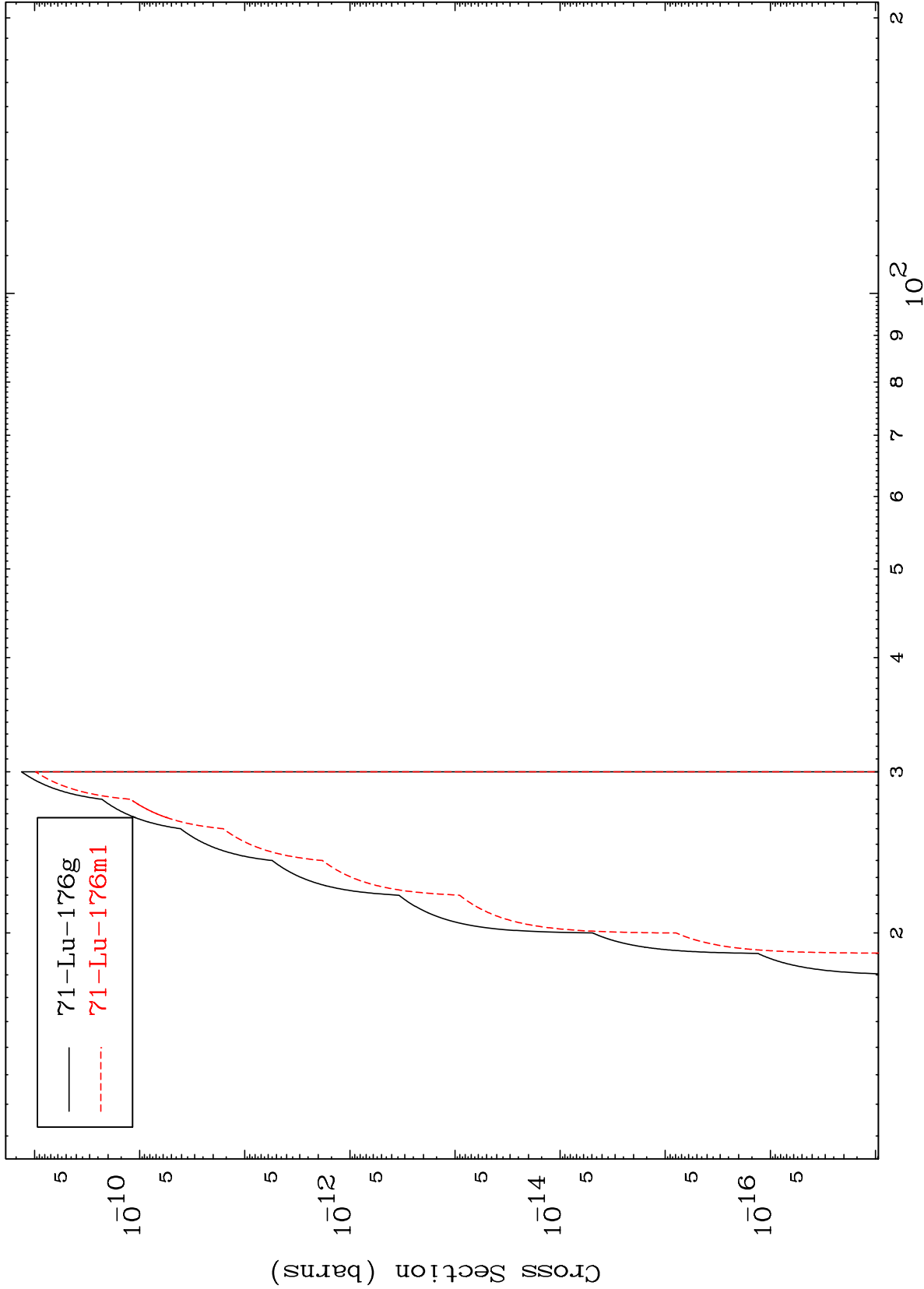
Incident Energy (MeV)

73-Ta-178

MAT 7319

73-Ta-178

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



Incident Energy (MeV)

73-Ta-178

15