

Program EVALPLOT
(Version 2018-1)

by

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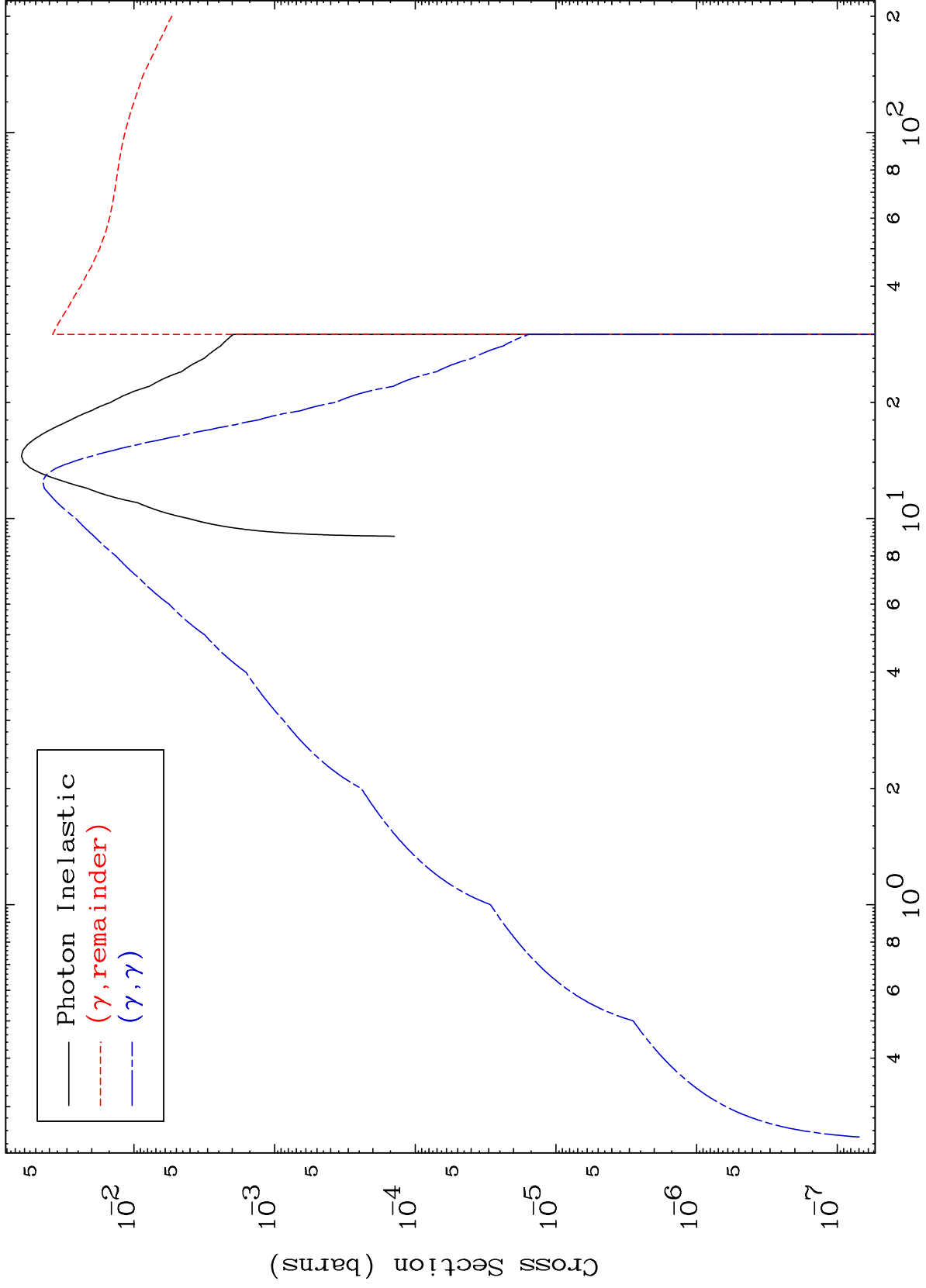
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7868

Photon Major
0 Kelvin Cross Sections

79-Au-178

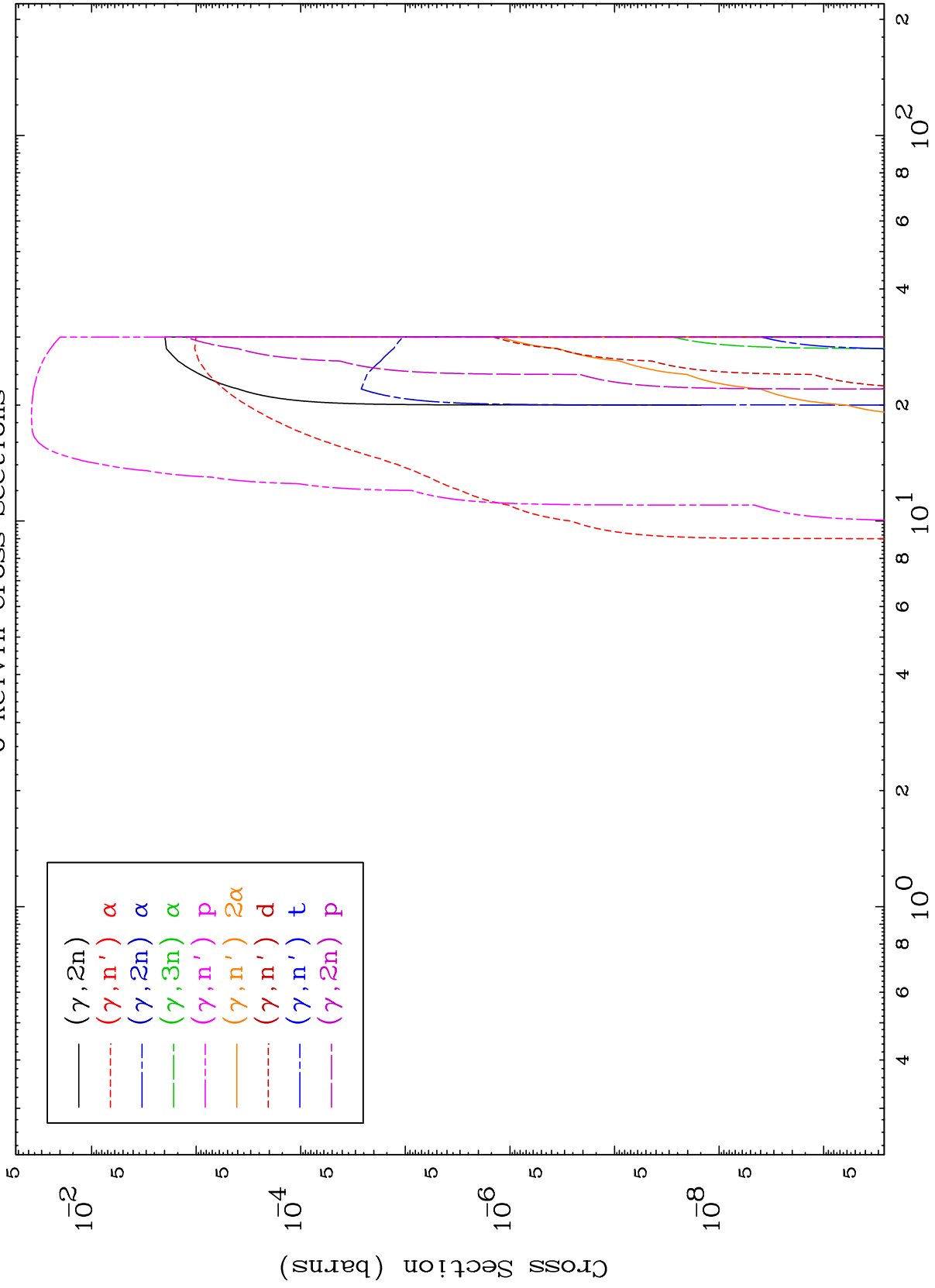


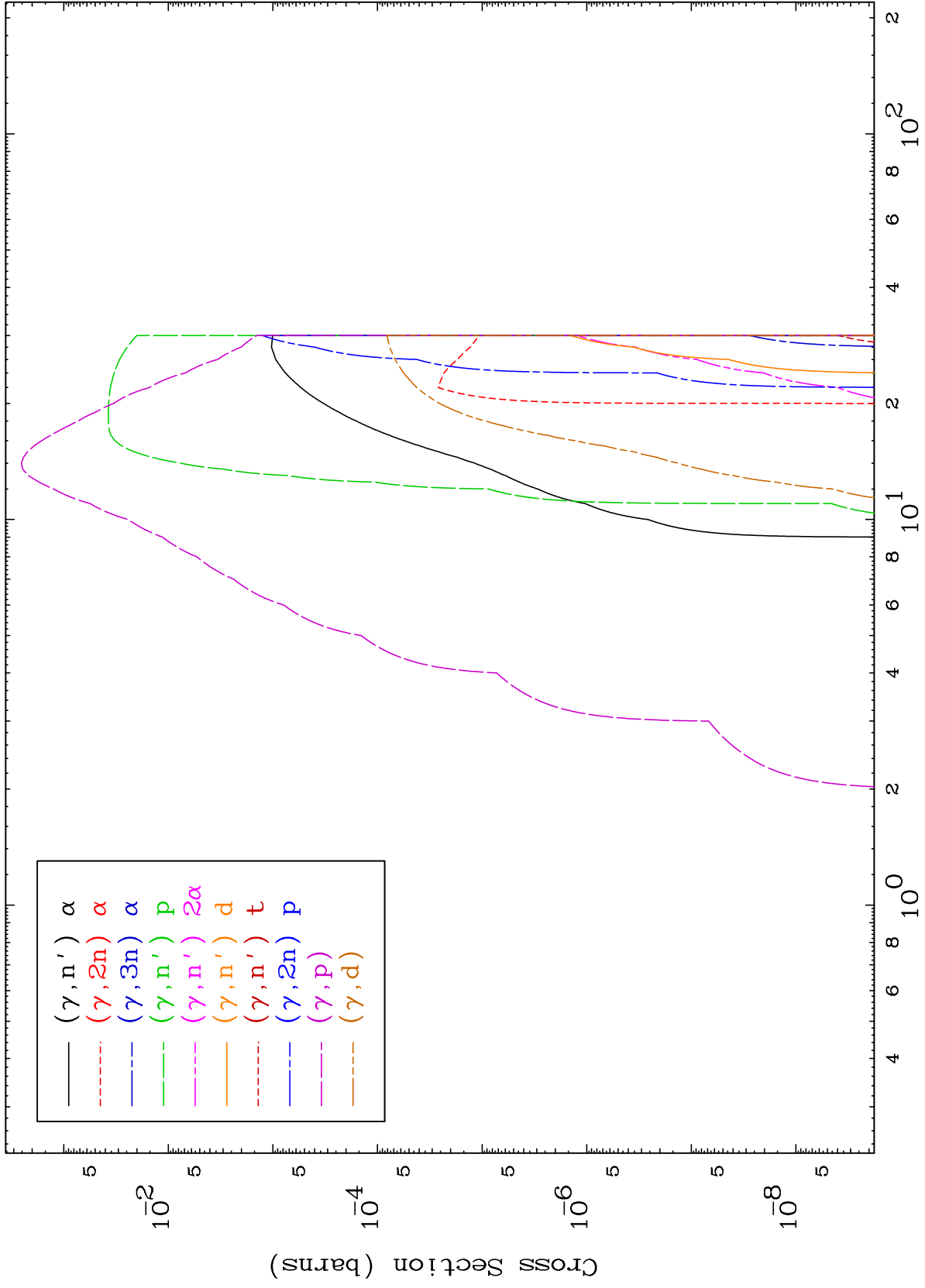
— Photon Inelastic
- - - (γ, remainder)
- · - (γ, γ)

1

Incident Energy (MeV)

79-Au-178

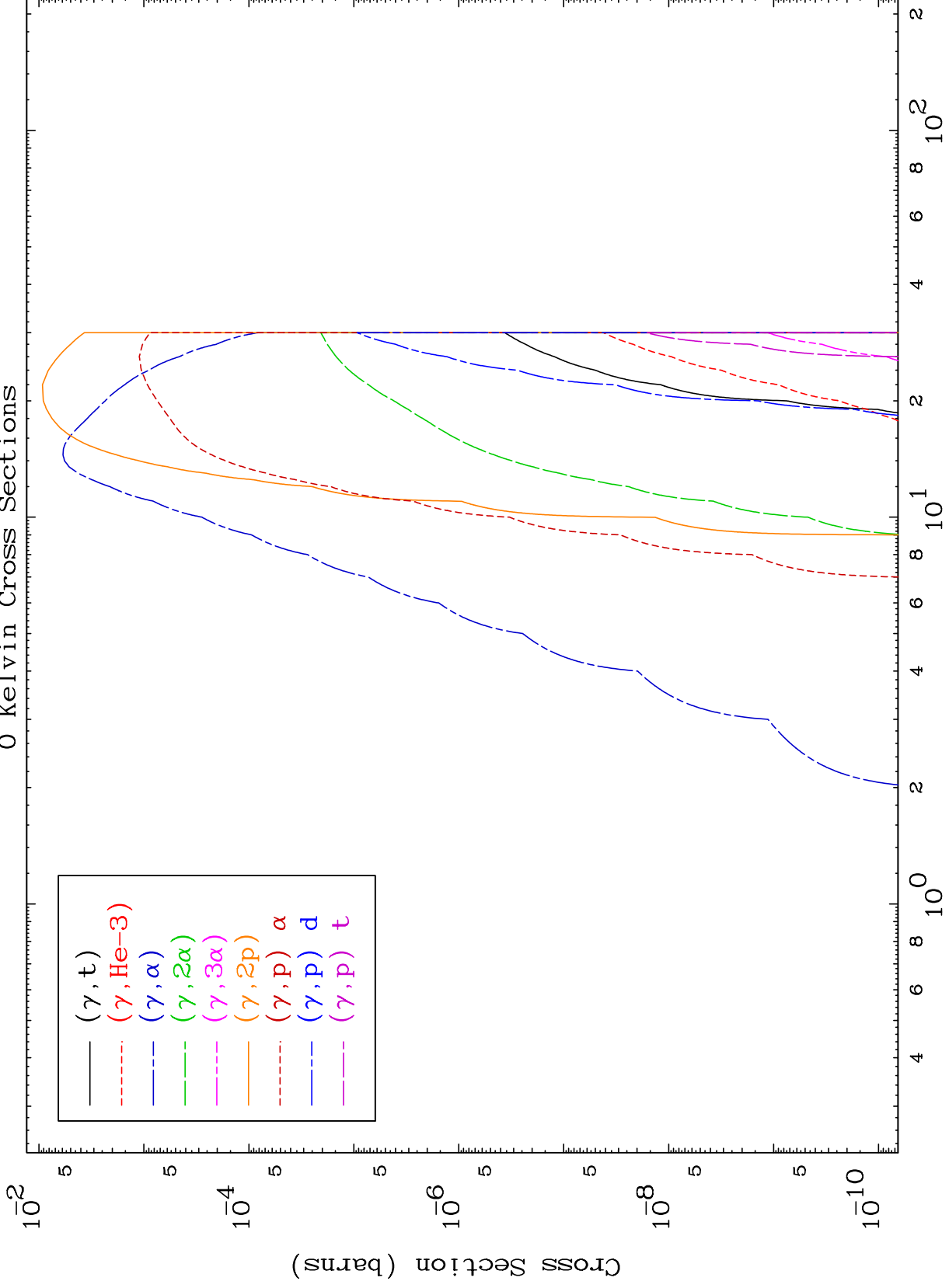




MAT 7868

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-178

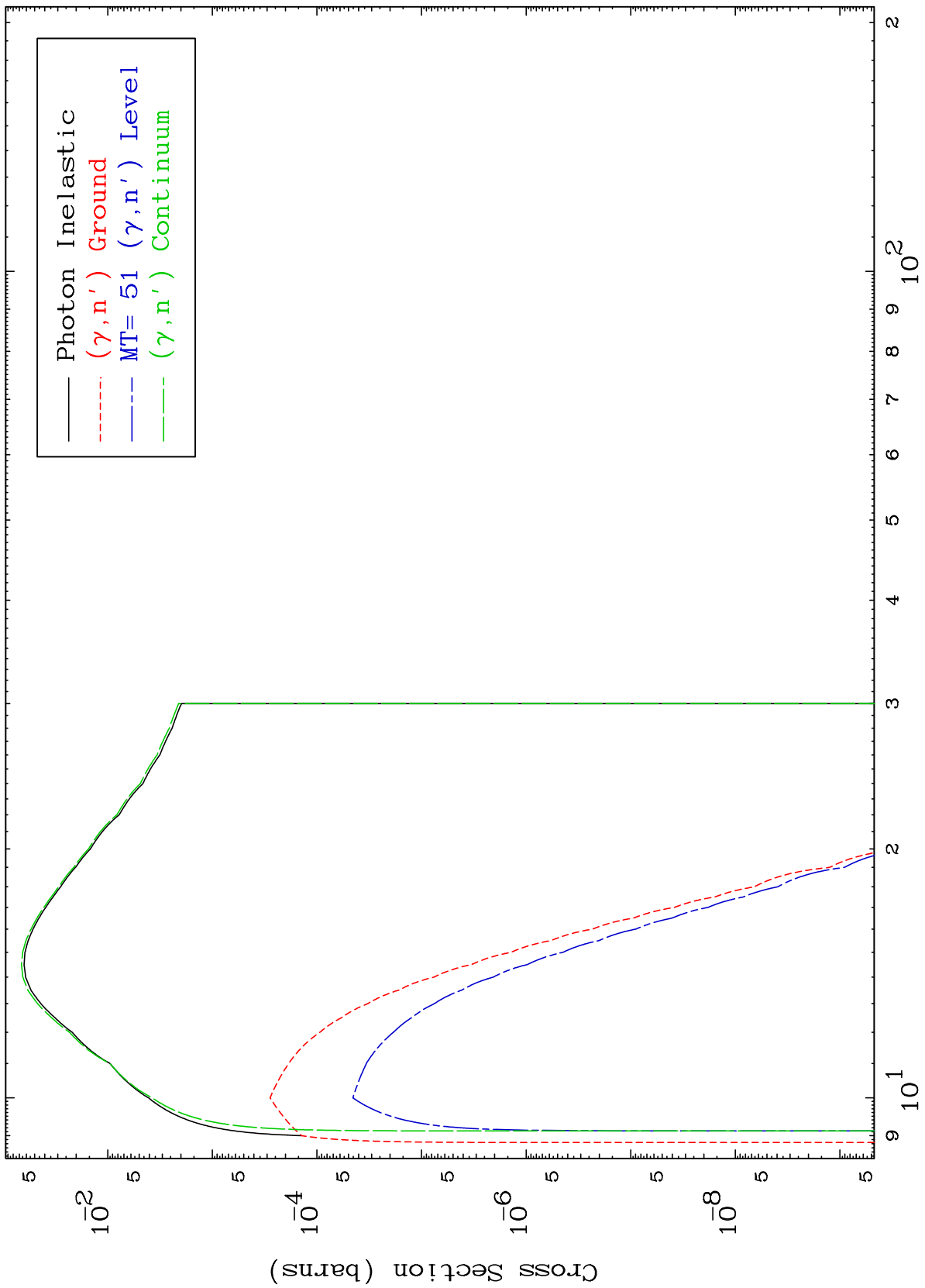


MAT 7868

(γ, n') Level

79-Au-178

0 Kelvin Cross Sections



Incident Energy (MeV)

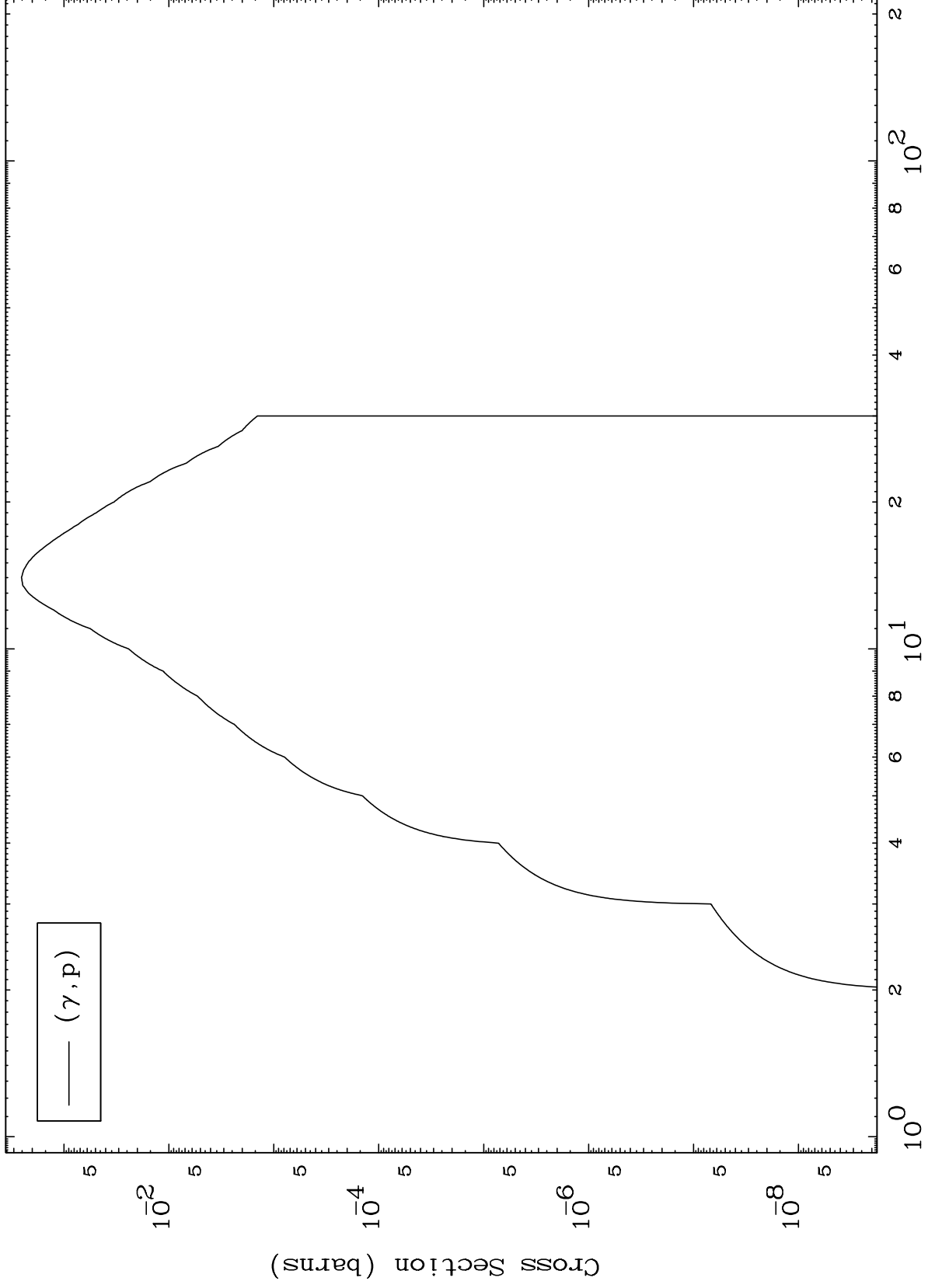
79-Au-178

5

MAT 7868

(γ, p) Levels
0 Kelvin Cross Sections

79-Au-178



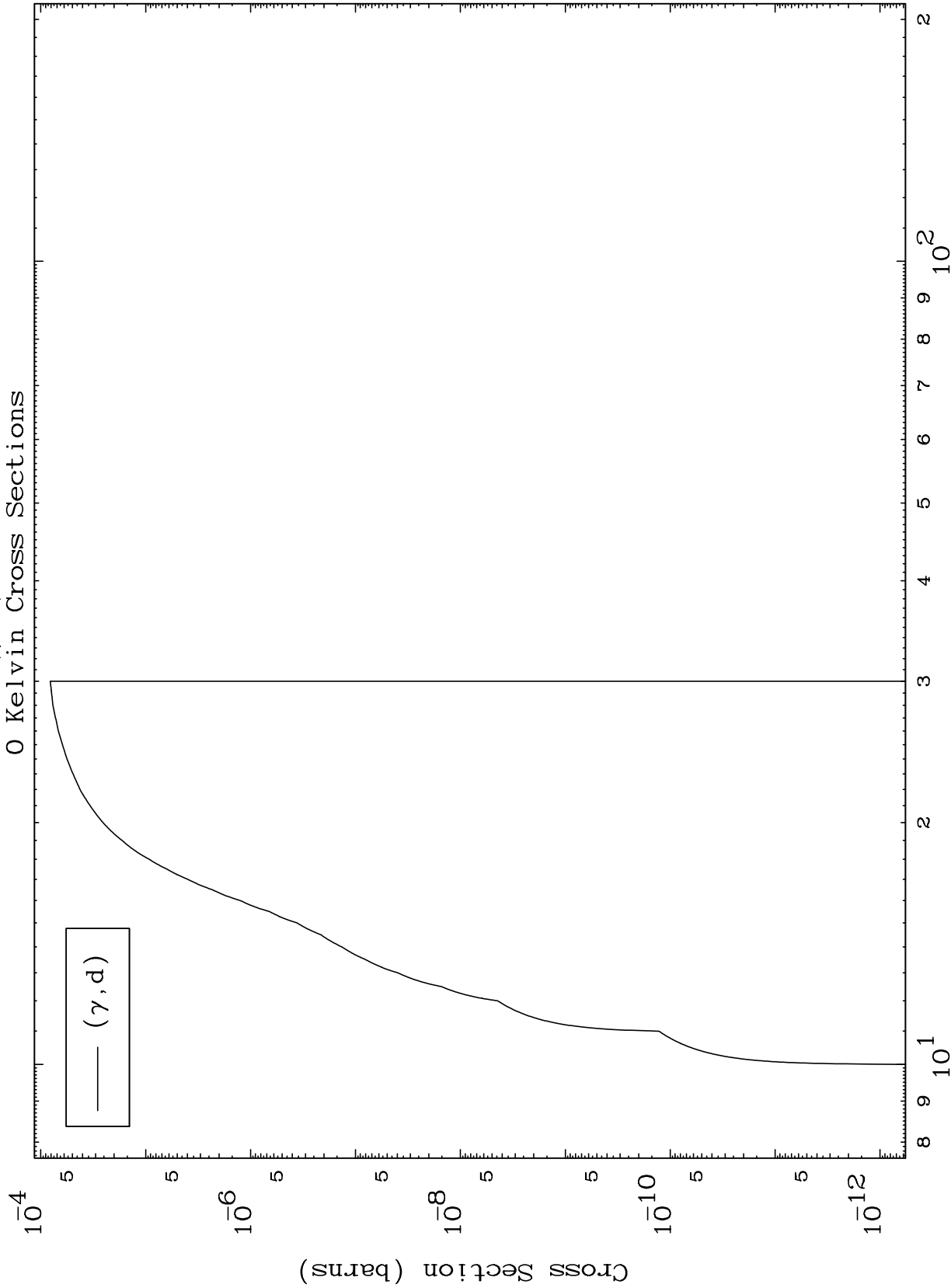
Incident Energy (MeV)

79-Au-178

MAT 7868

(γ, d) Levels

79-Au-178



79-Au-178

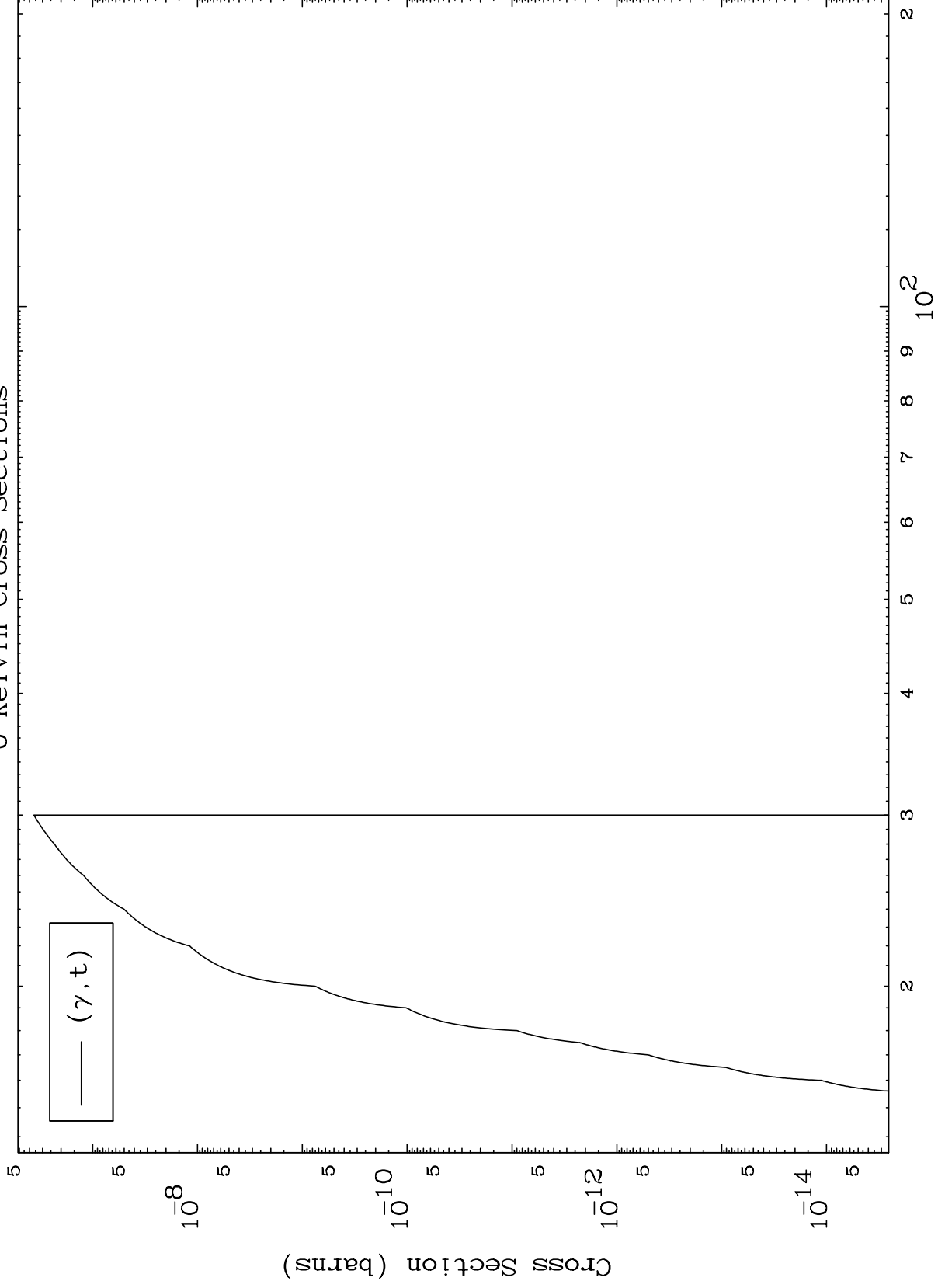
79-Au-178

7

MAT 7868

(γ, t) Levels
0 Kelvin Cross Sections

79-Au-178



8

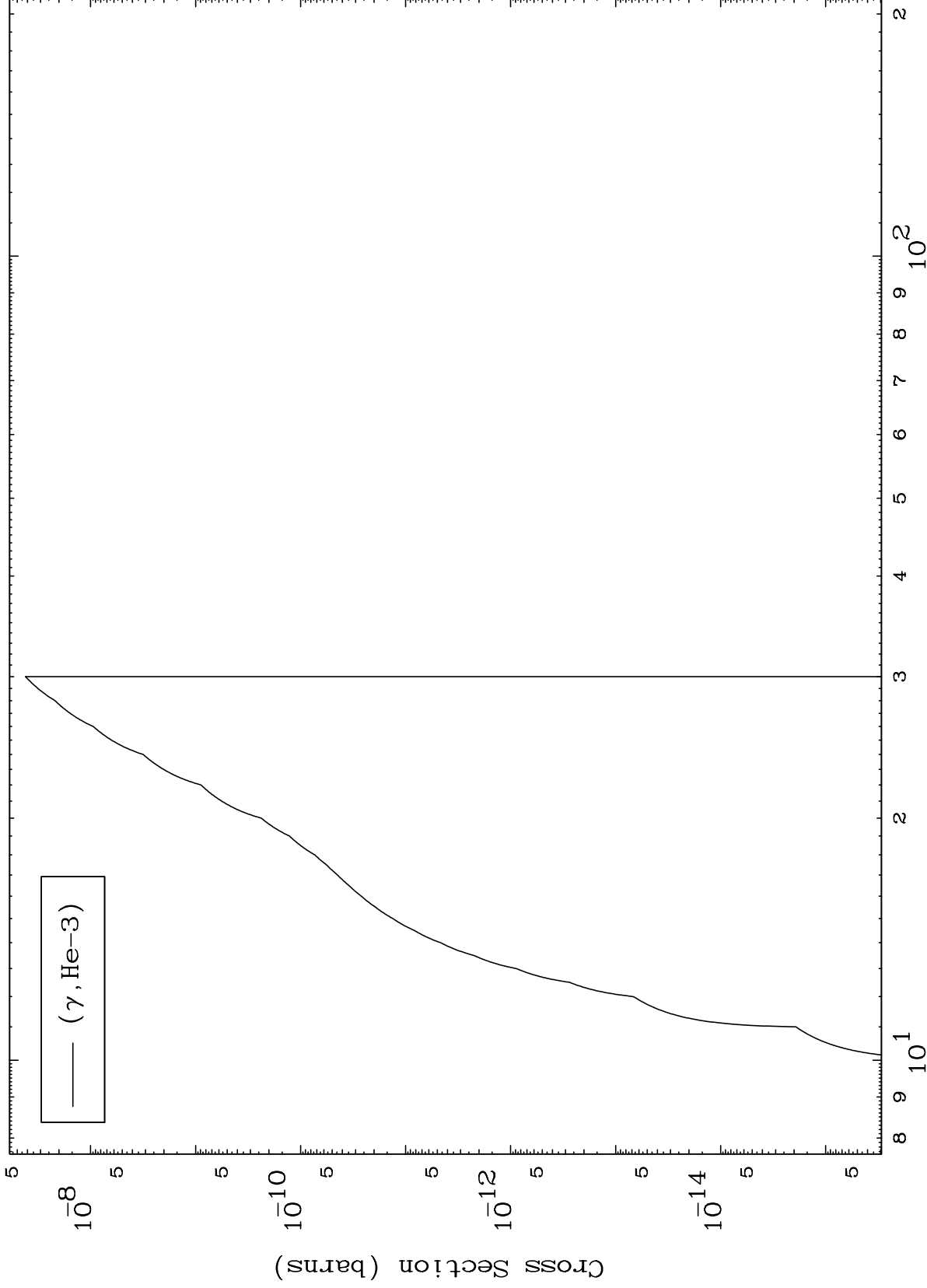
Incident Energy (MeV)

79-Au-178

MAT 7868

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

79-Au-178



9

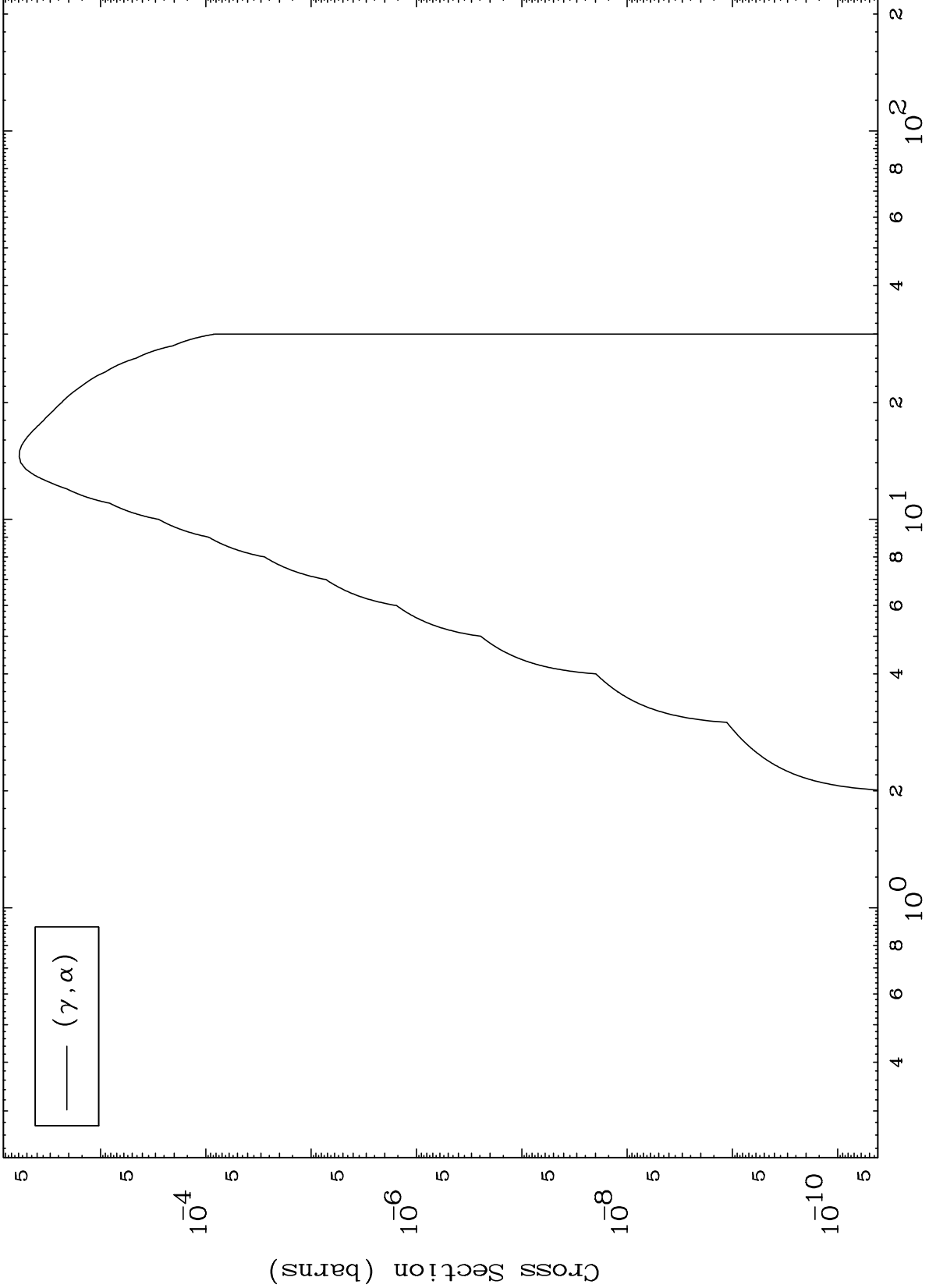
Incident Energy (MeV)

79-Au-178

MAT 7868

(γ, α) Levels
0 Kelvin Cross Sections

79-Au-178



10

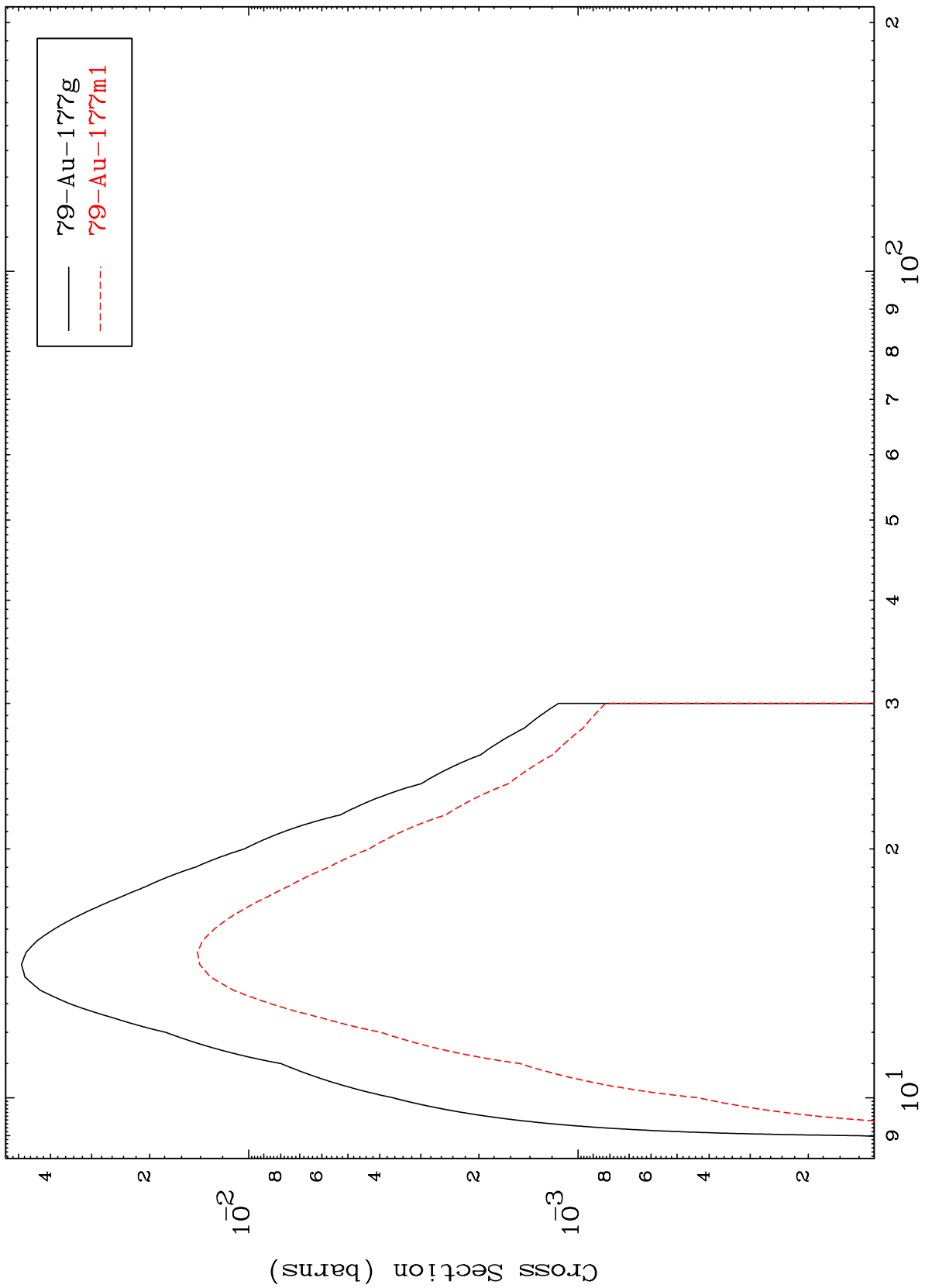
Incident Energy (MeV)

79-Au-178

MAT 7868

79-Au-178

Photon Inelastic
Radionuclide Production Cross Section



79-Au-177g
79-Au-177m1

79-Au-178

Incident Energy (MeV)

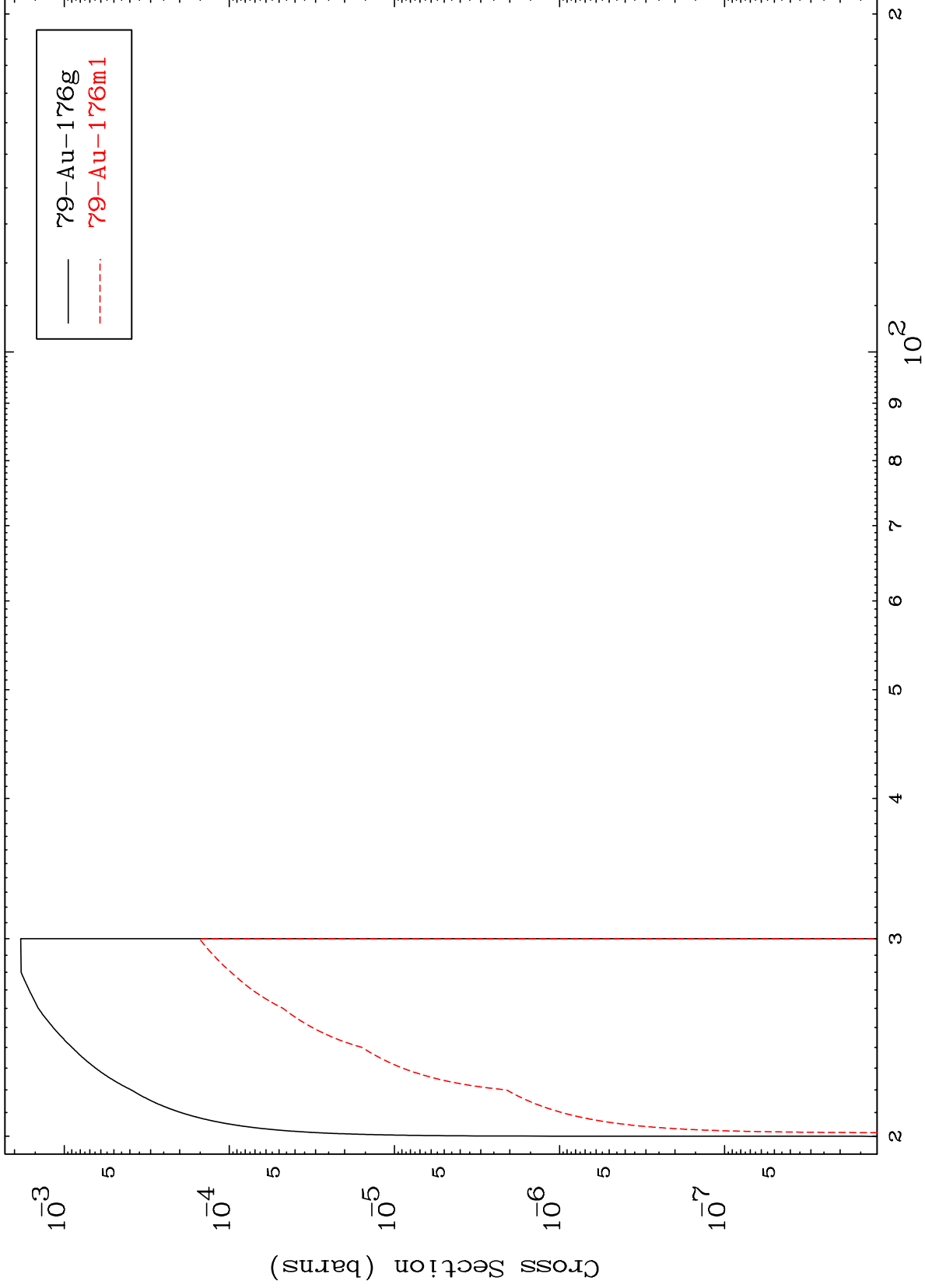
11

MAT 7868

($\gamma, 2n$)

⁷⁹Au-178

Radionuclide Production Cross Section



12

Incident Energy (MeV)

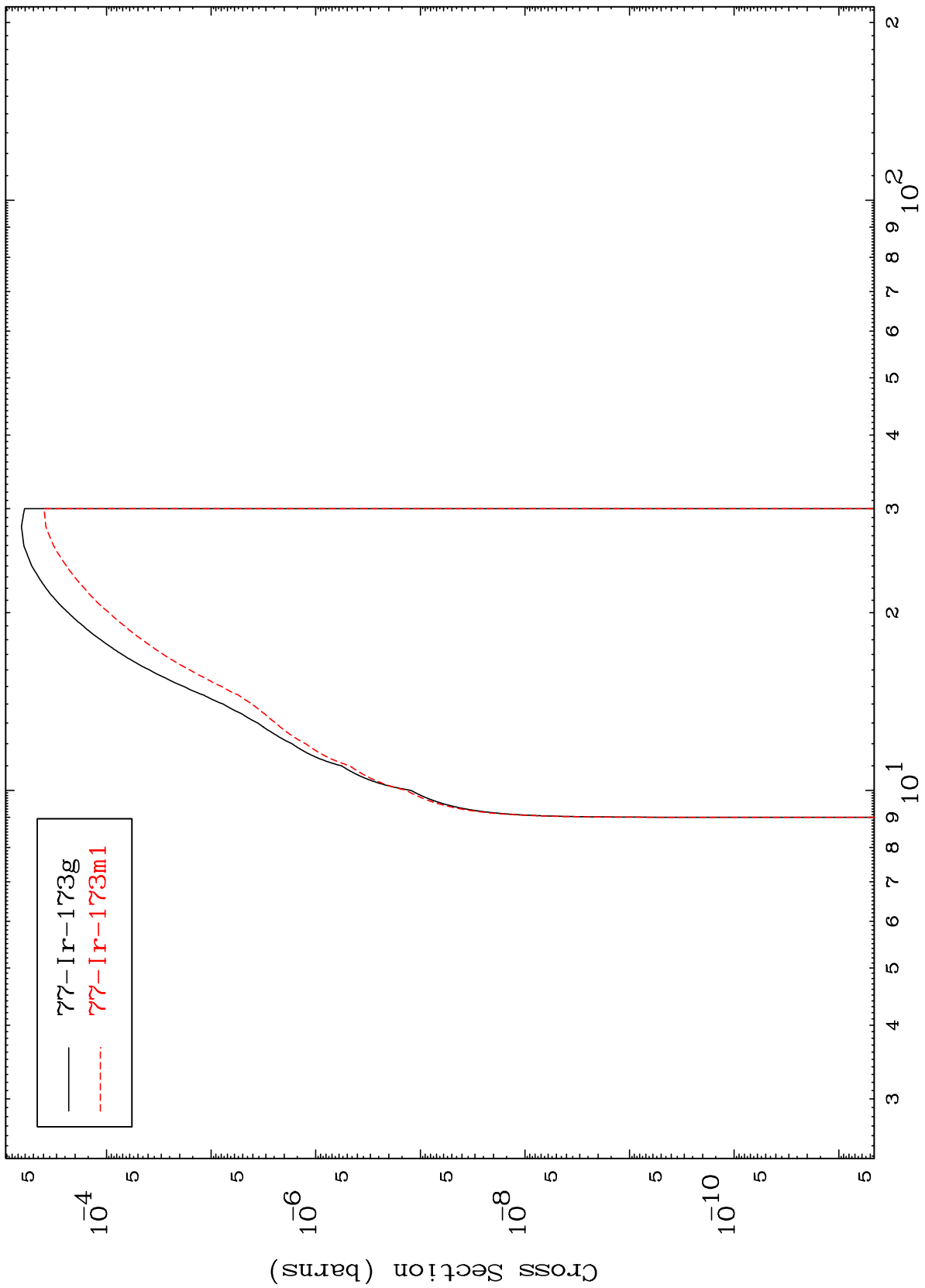
⁷⁹Au-178

MAT 7868

(γ, n') α

79-Au-178

Radionuclide Production Cross Section



13

Incident Energy (MeV)

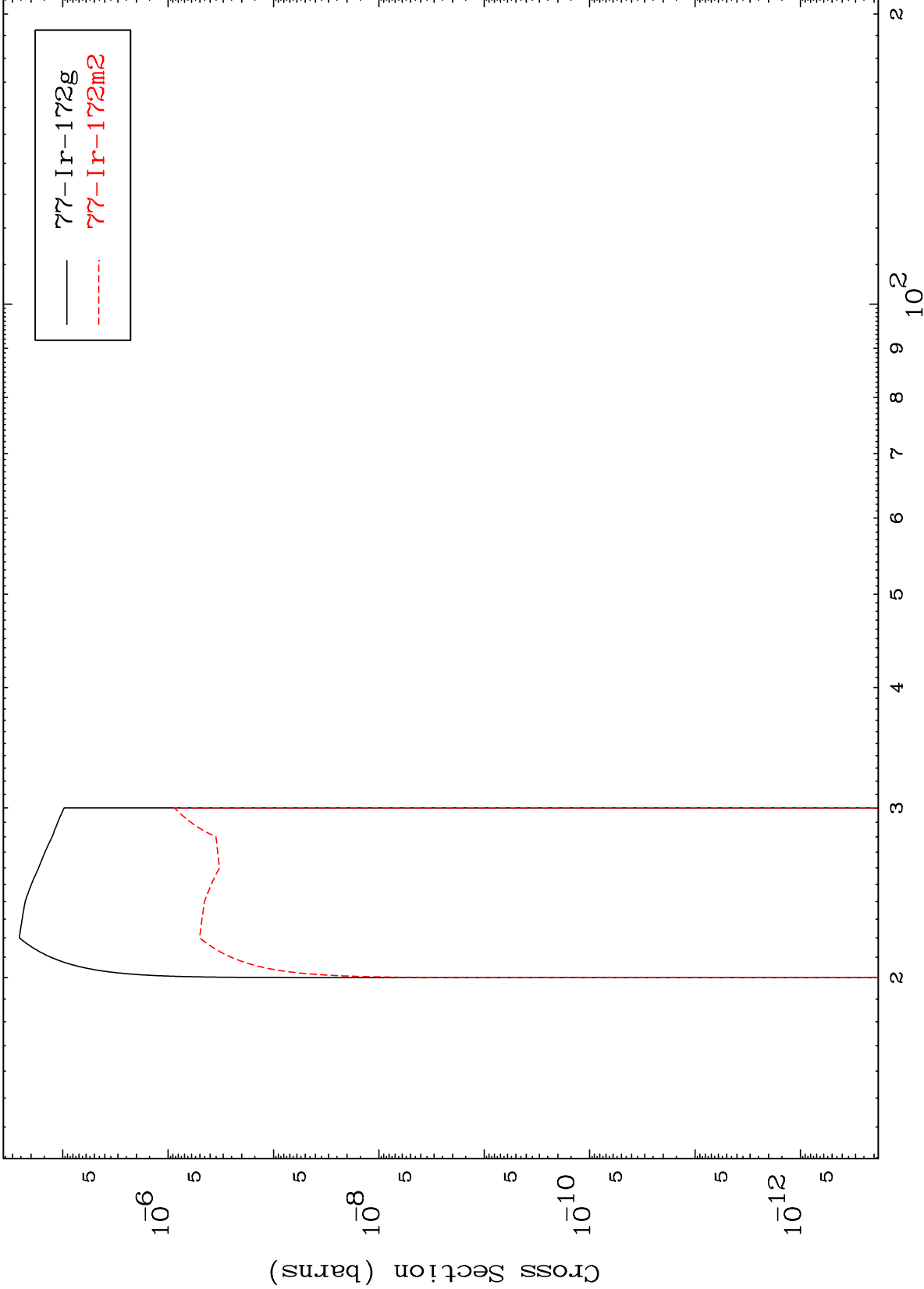
79-Au-178

MAT 7868

$(\gamma, 2n) \alpha$

79-Au-178

Radionuclide Production Cross Section



14

Incident Energy (MeV)

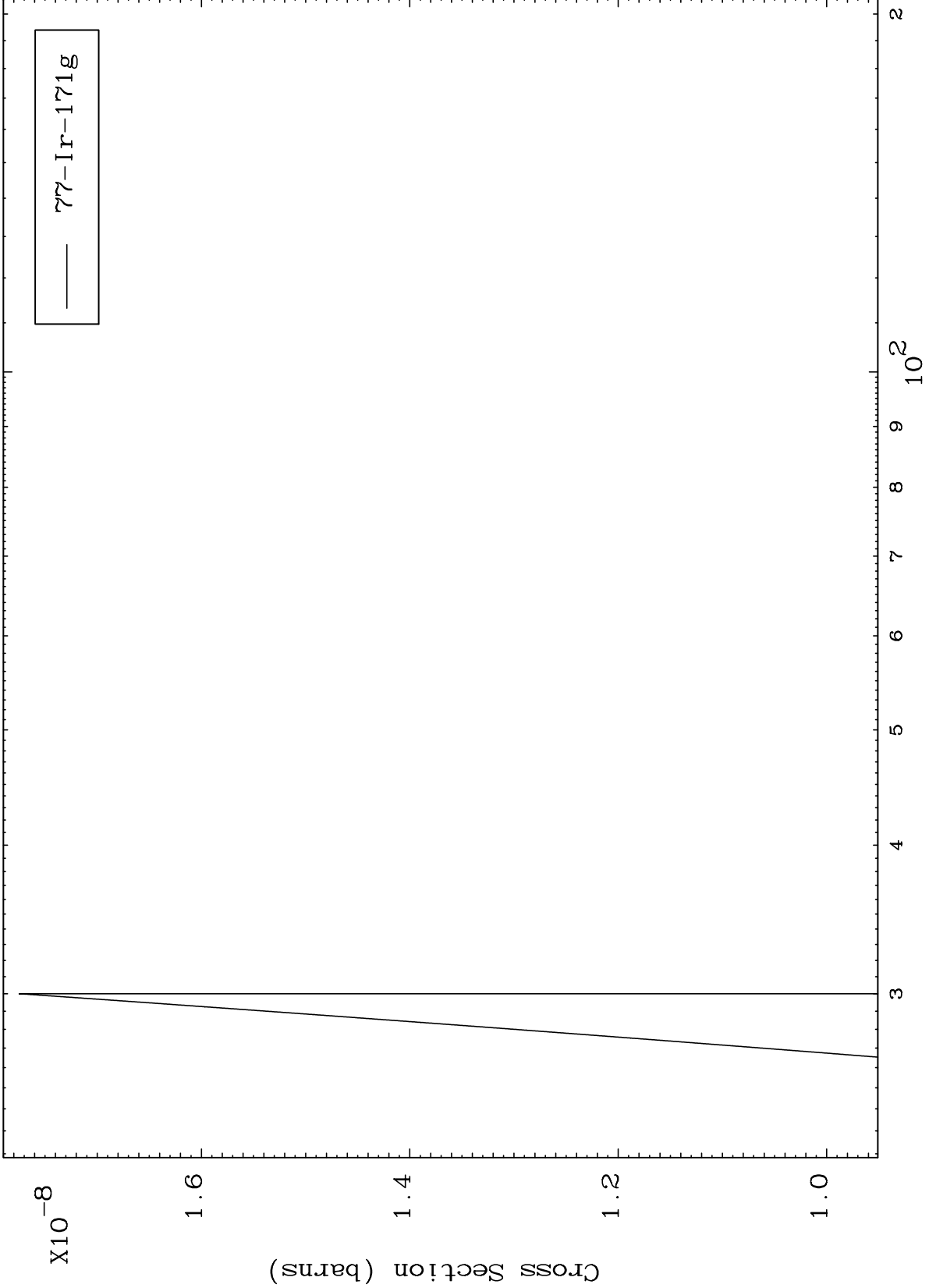
79-Au-178

MAT 7868

($\gamma, 3n$) α

79-Au-178

Radionuclide Production Cross Section



15

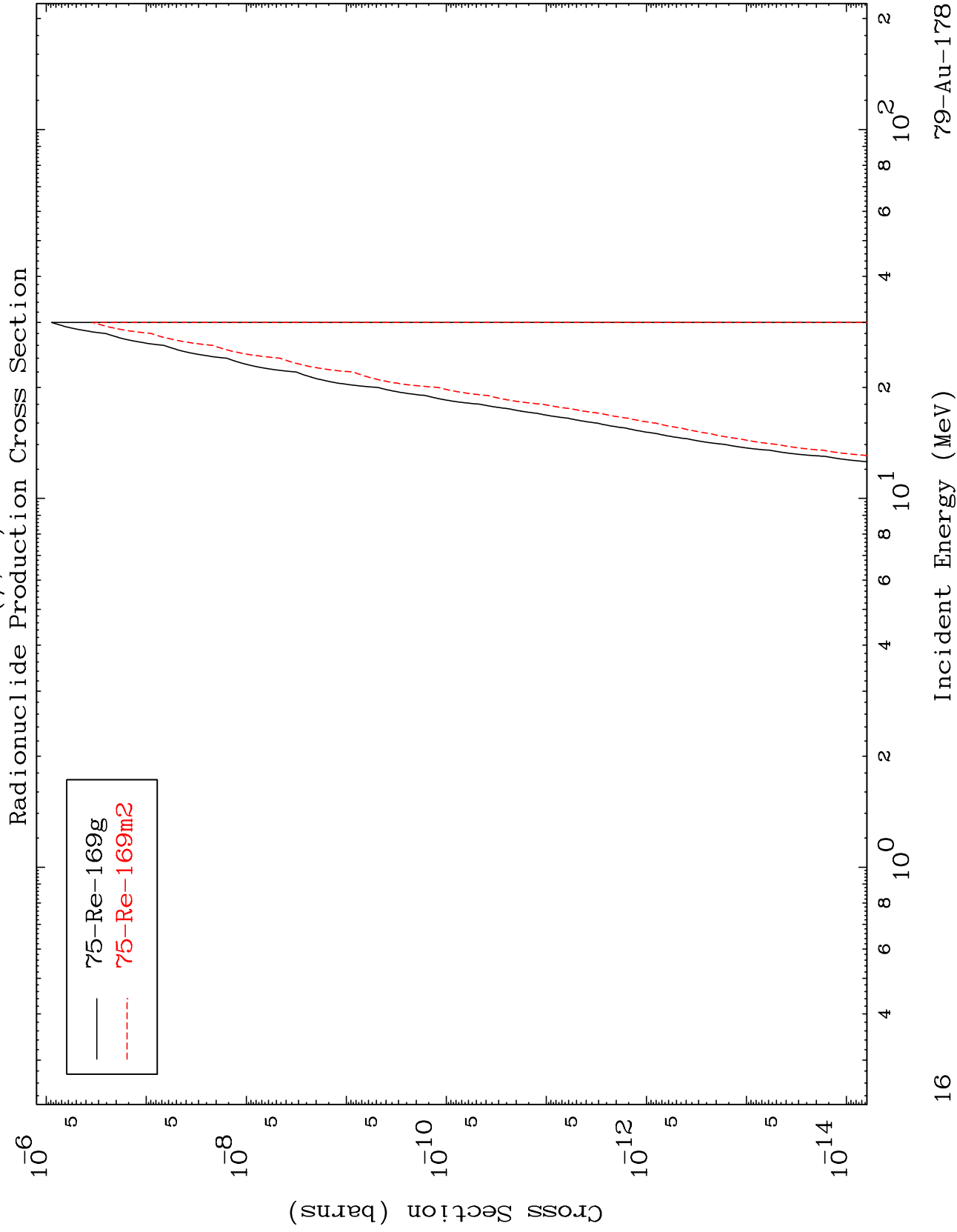
Incident Energy (MeV)

79-Au-178

MAT 7868

(γ, n') 2α

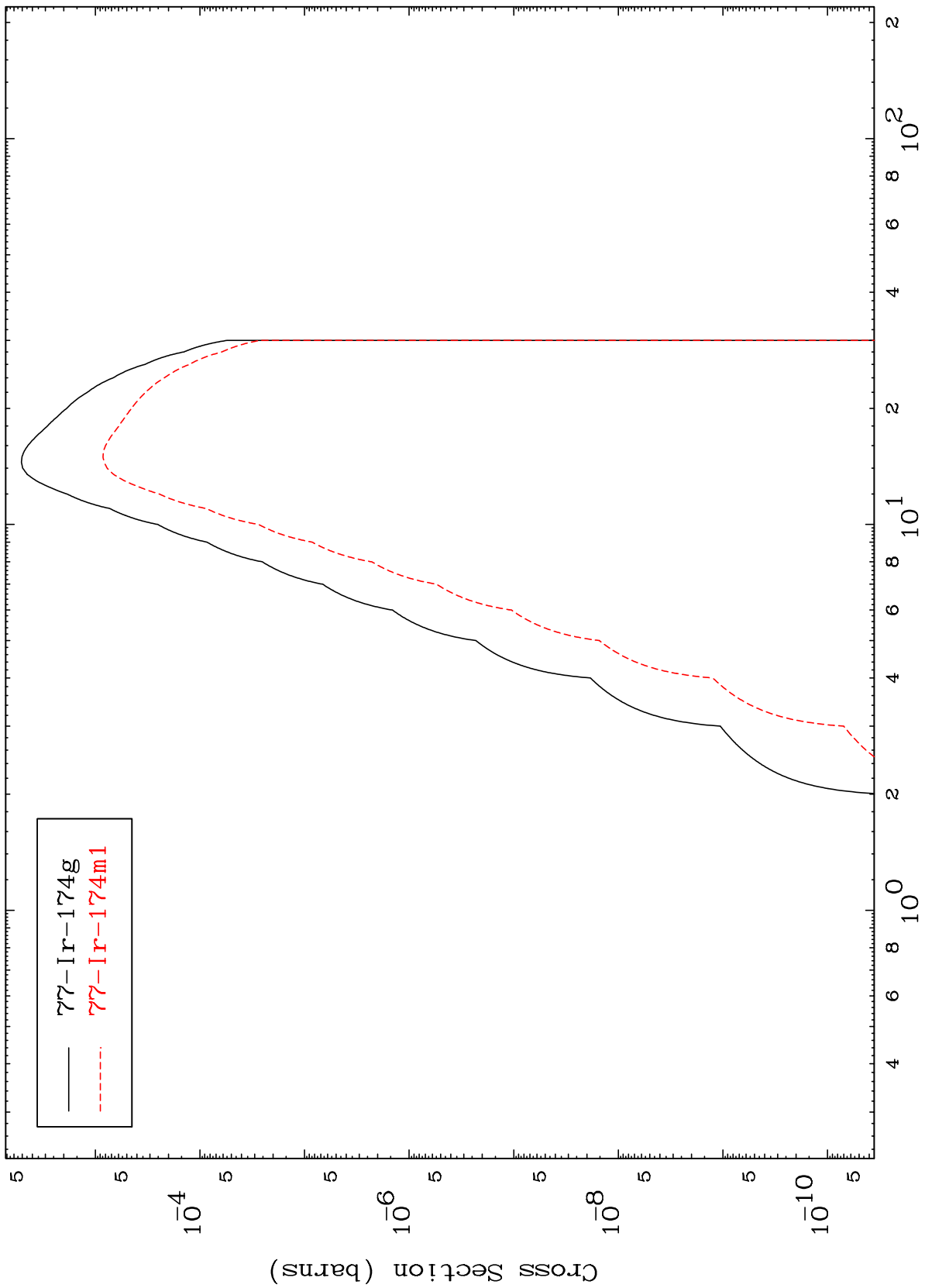
⁷⁹Au-178



MAT 7868

⁷⁹Au-178

(γ, α)
Radionuclide Production Cross Section



— ⁷⁷Ir-174g
- - - ⁷⁷Ir-174m1

17

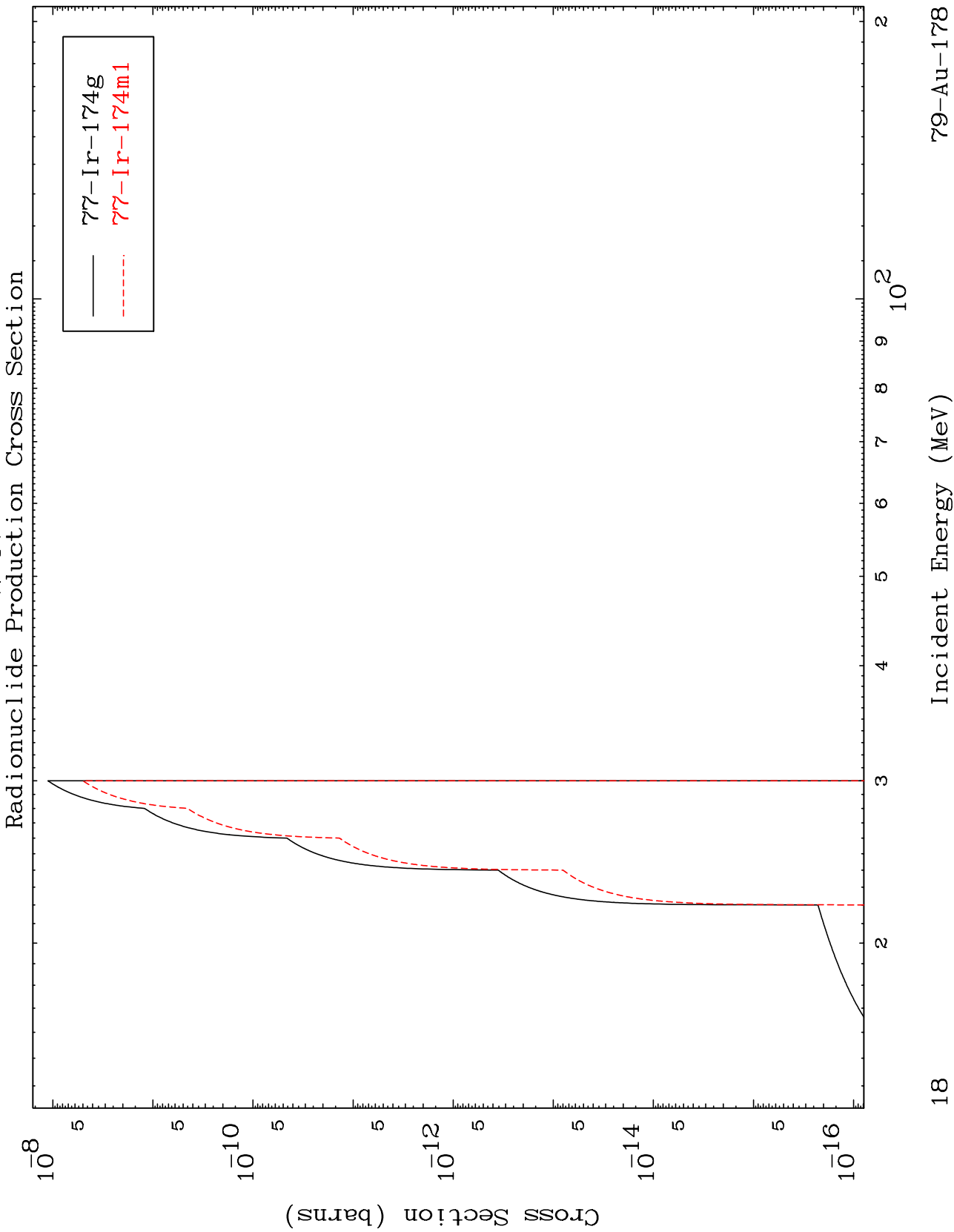
Incident Energy (MeV)

⁷⁹Au-178

MAT 7868

(γ, p) t

79-Au-178



18

Incident Energy (MeV)

79-Au-178