

Program EVALPLOT
(Version 2018-1)

by

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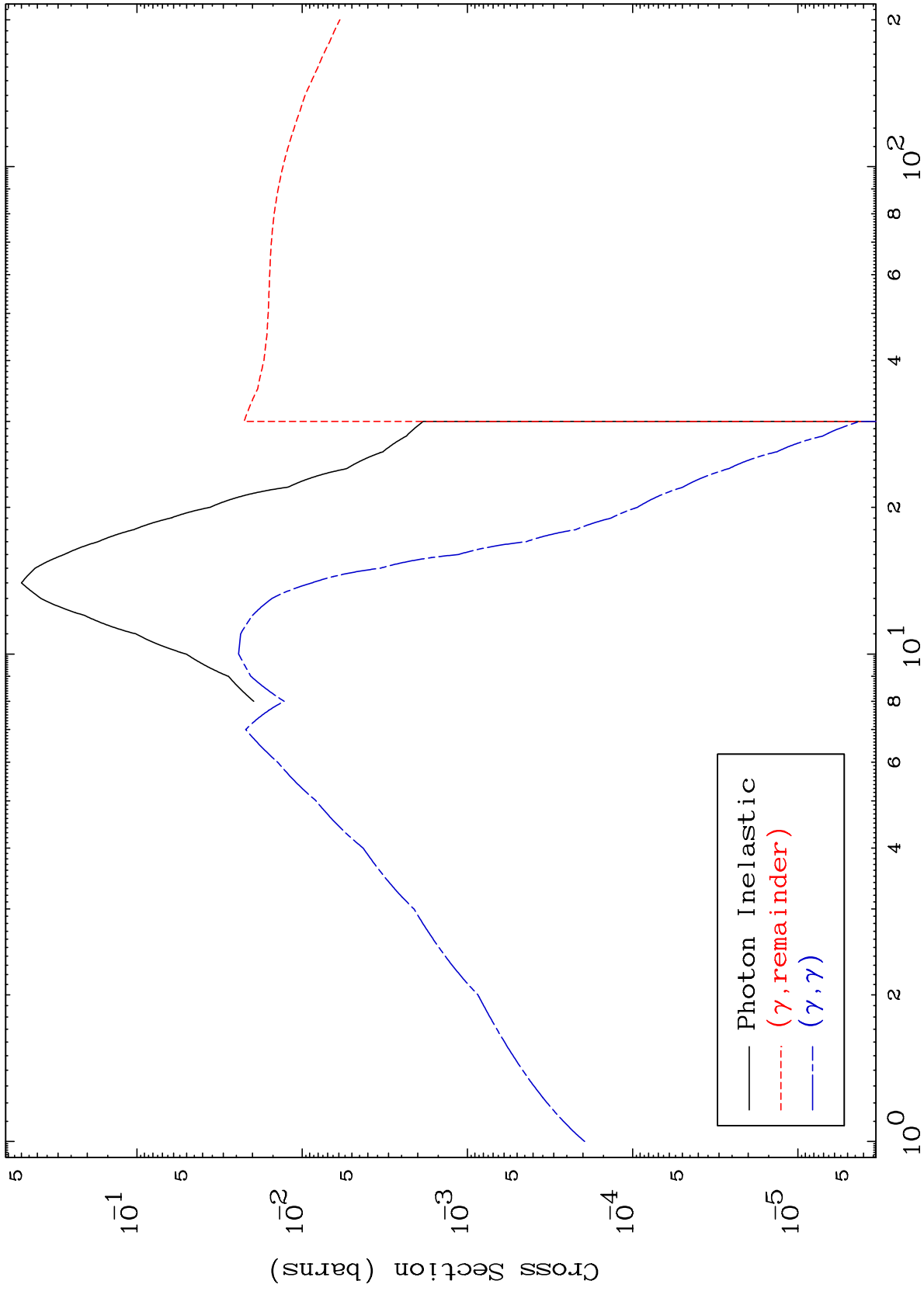
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7910

Photon Major
0 Kelvin Cross Sections

79-Au-192



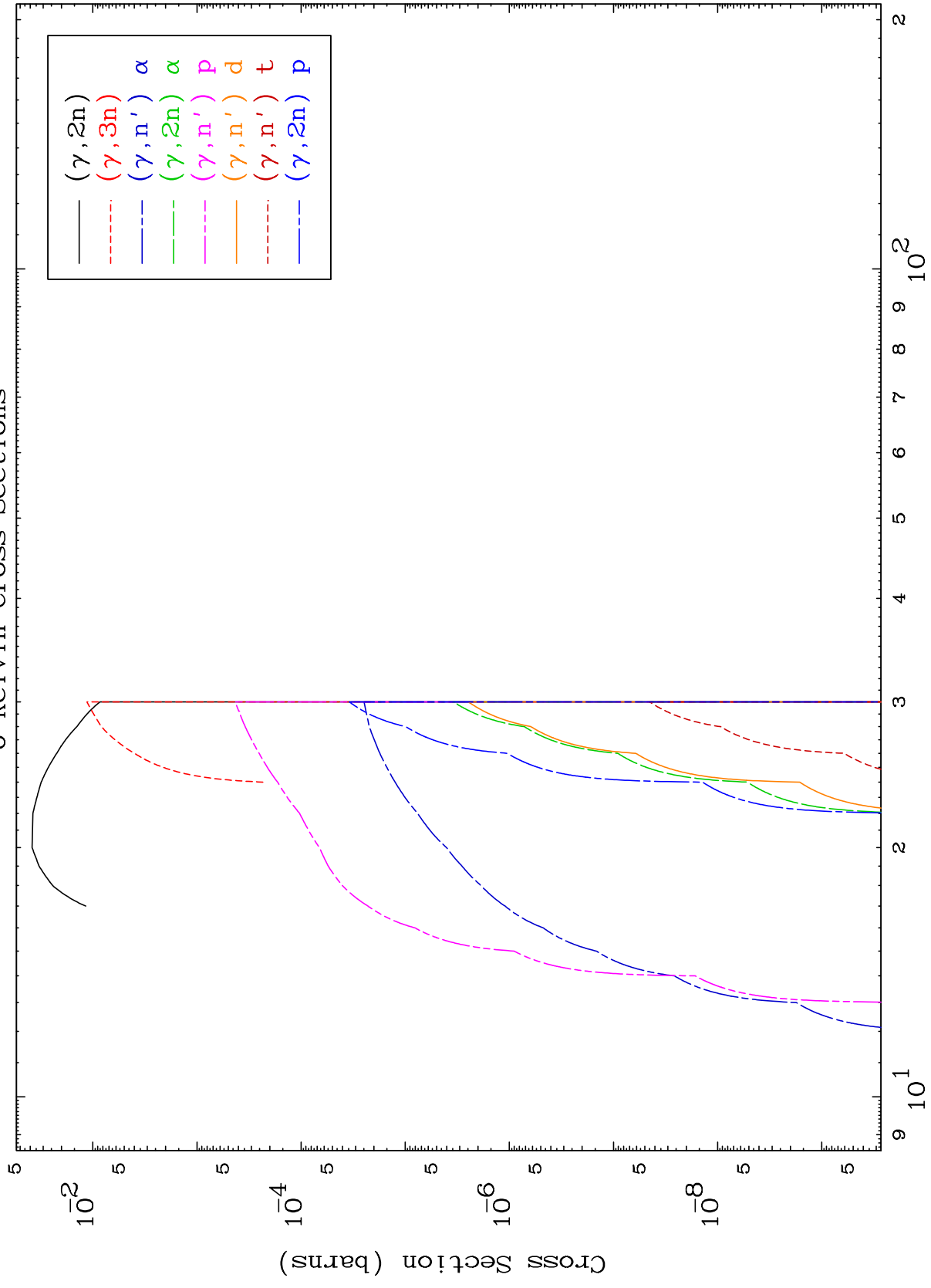
Incident Energy (MeV)

79-Au-192

MAT 7910

Photon Neutron Production
0 Kelvin Cross Sections

79-Au-192



79-Au-192

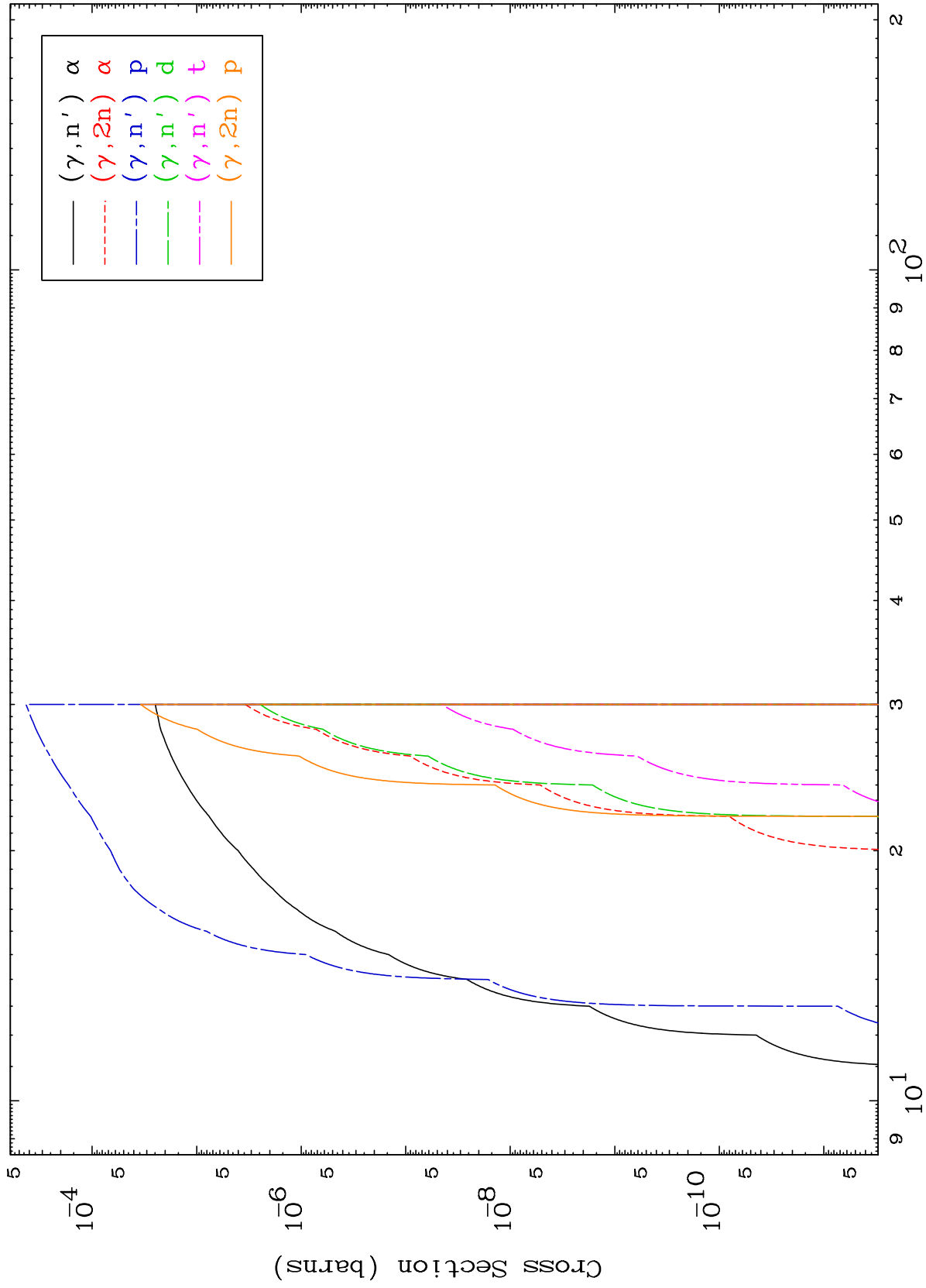
Incident Energy (MeV)

Cross Section (barns)

MAT 7910

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-192



3

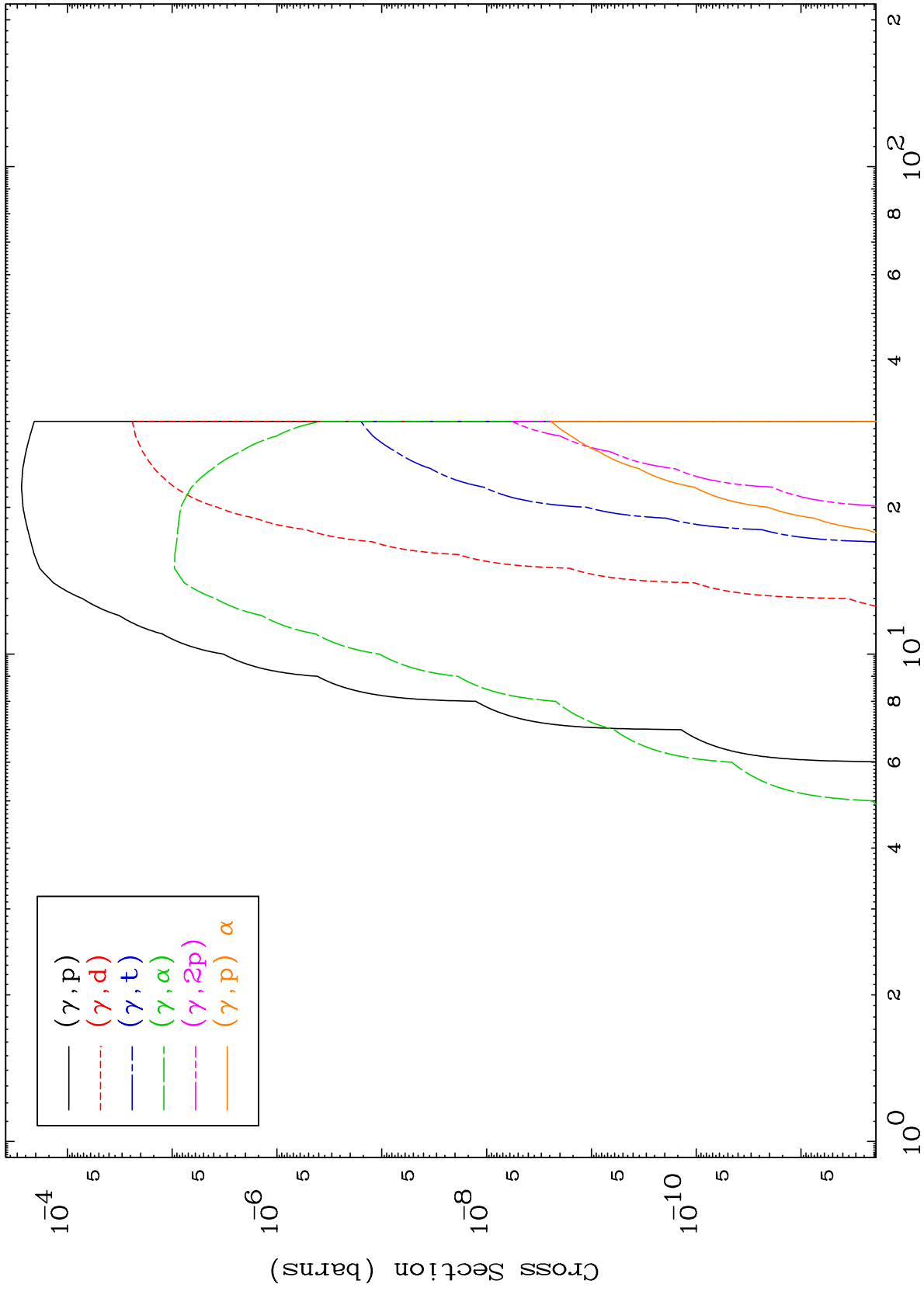
Incident Energy (MeV)

79-Au-192

MAT 7910

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-192



4

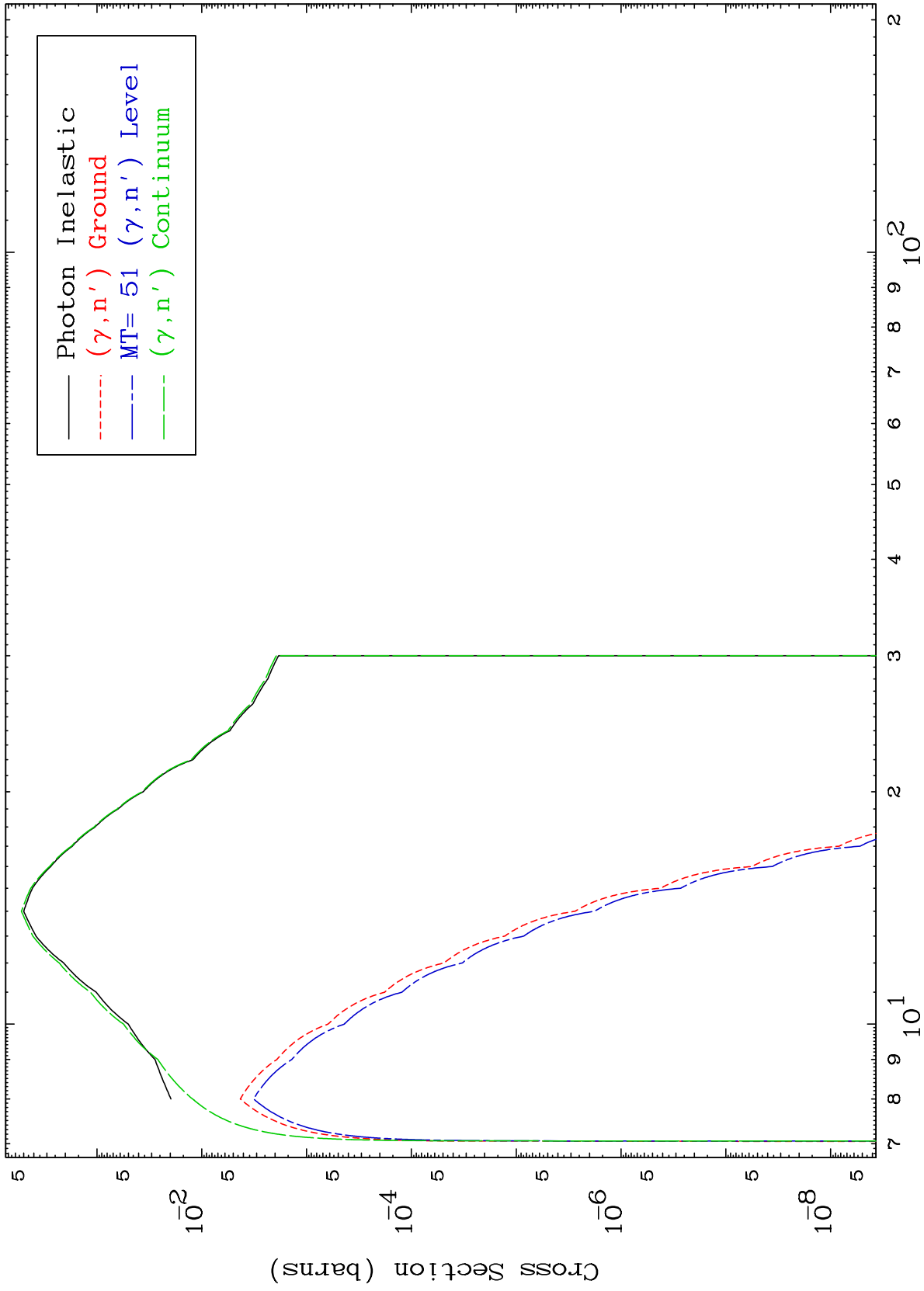
Incident Energy (MeV)

79-Au-192

MAT 7910

(γ, n') Level
0 Kelvin Cross Sections

79-Au-192



5

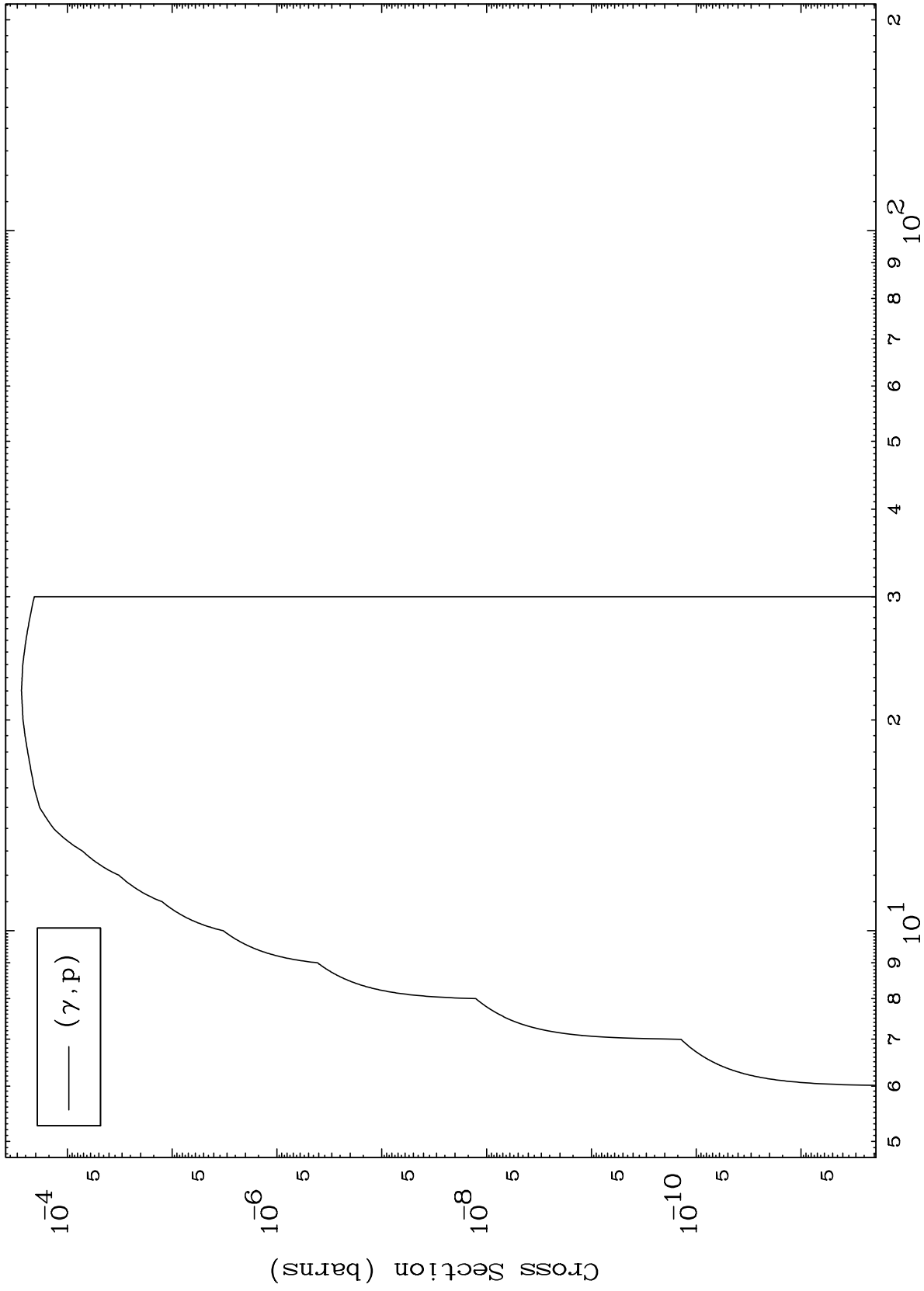
Incident Energy (MeV)

79-Au-192

MAT 7910

(γ, p) Levels
0 Kelvin Cross Sections

79-Au-192



6

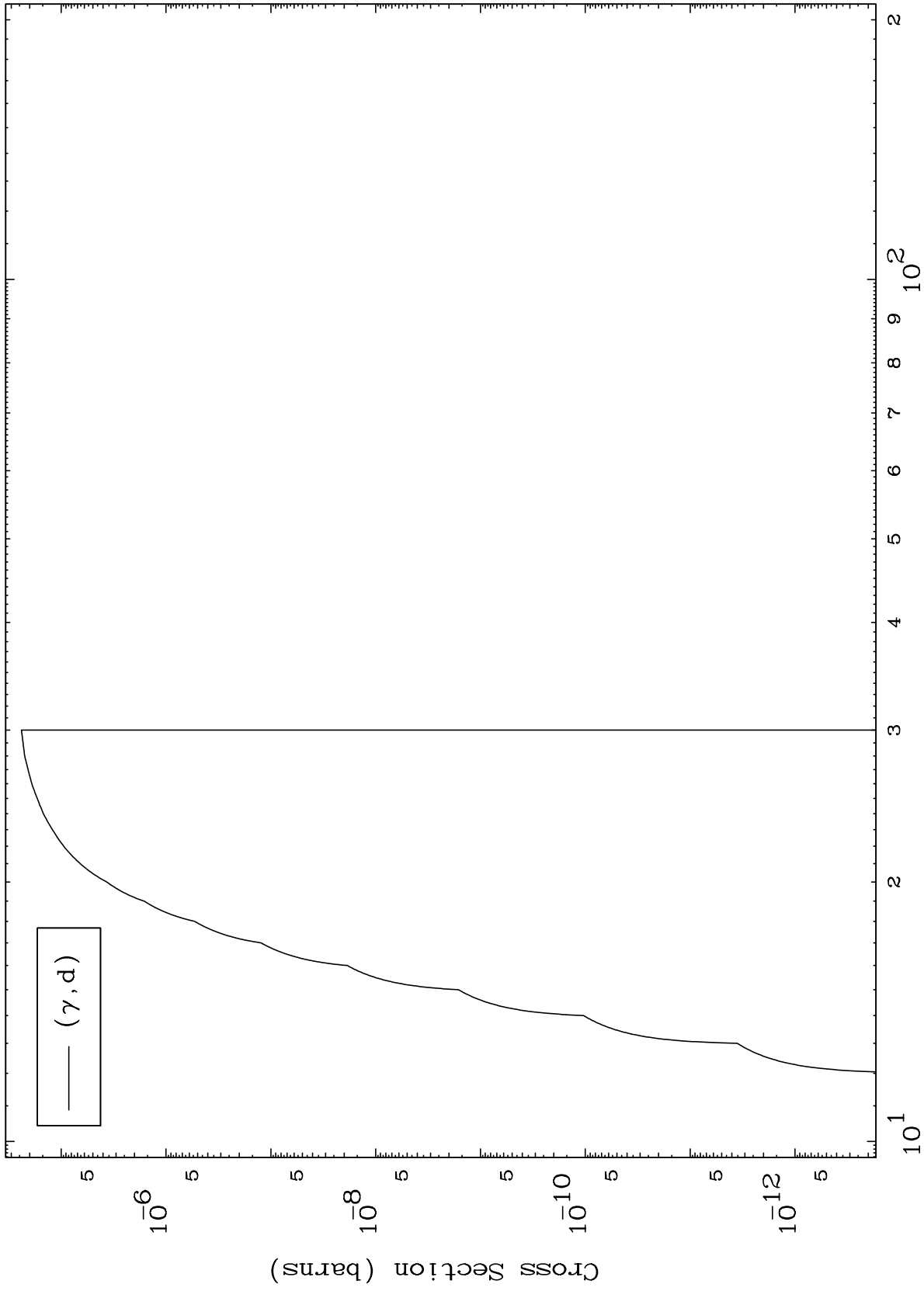
Incident Energy (MeV)

79-Au-192

MAT 7910

(γ, d) Levels
0 Kelvin Cross Sections

79-Au-192



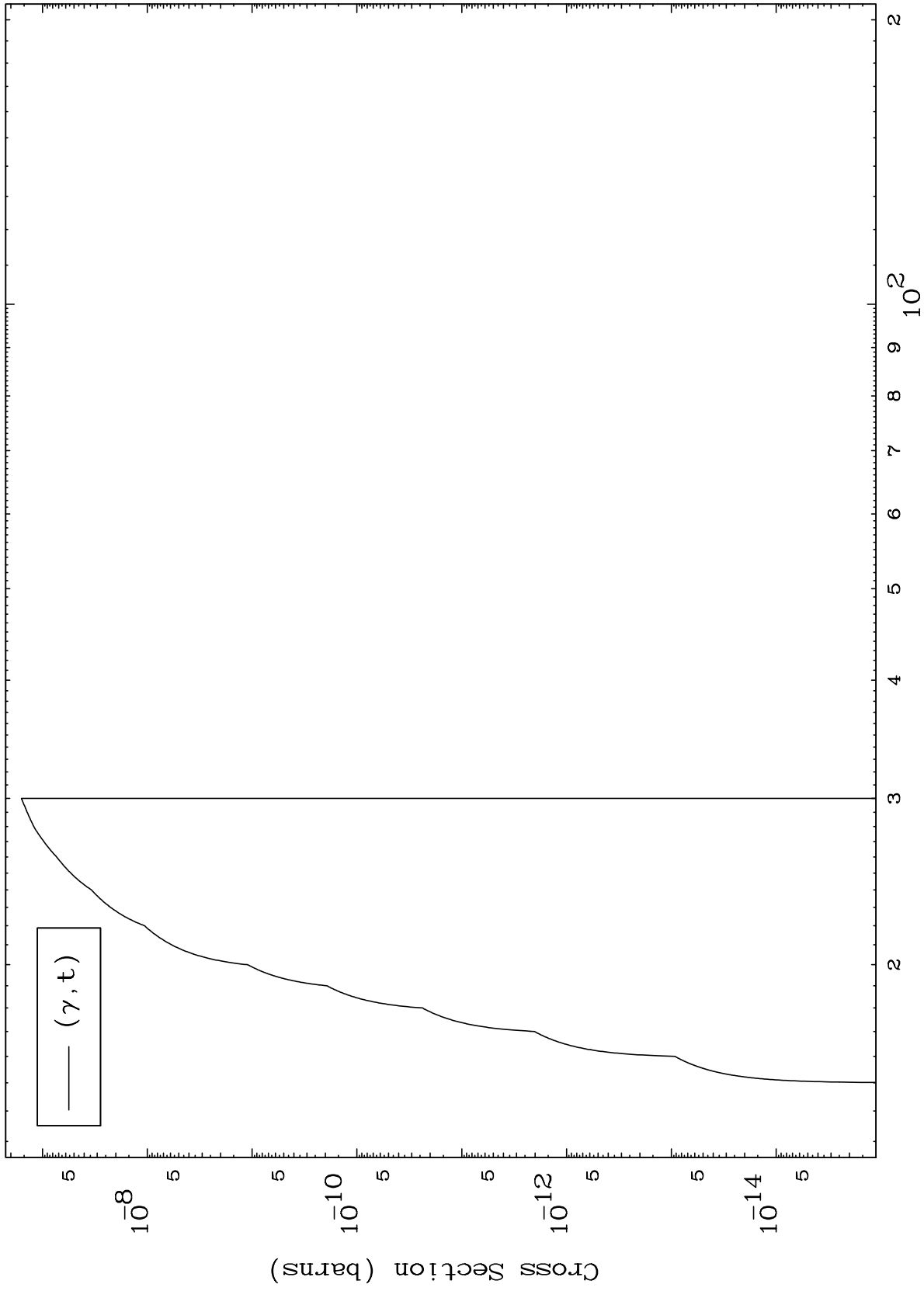
Incident Energy (MeV)

79-Au-192

MAT 7910

(γ, t) Levels
0 Kelvin Cross Sections

79-Au-192



8

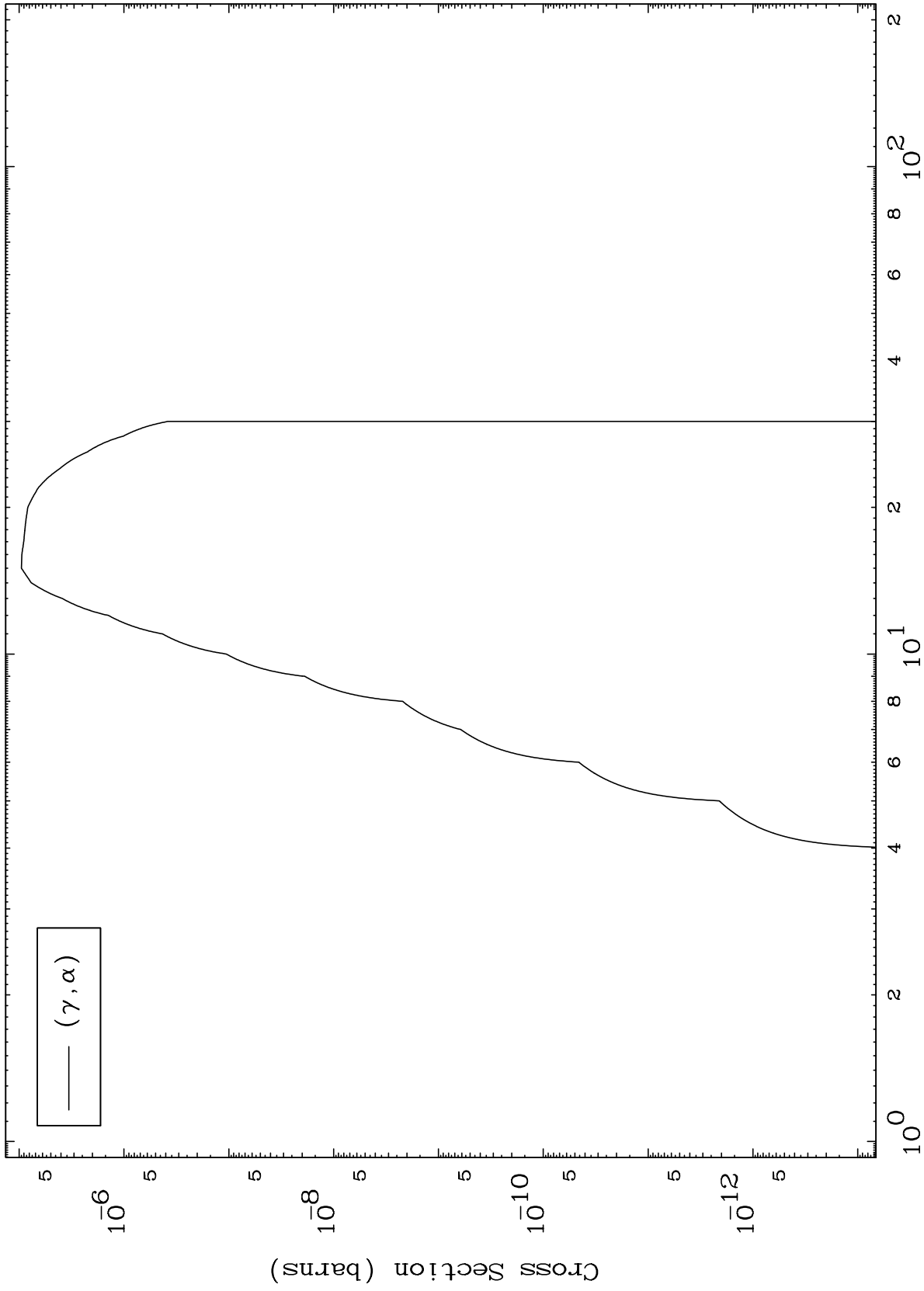
Incident Energy (MeV)

79-Au-192

MAT 7910

(γ, α) Levels
0 Kelvin Cross Sections

79-Au-192



(γ, α)

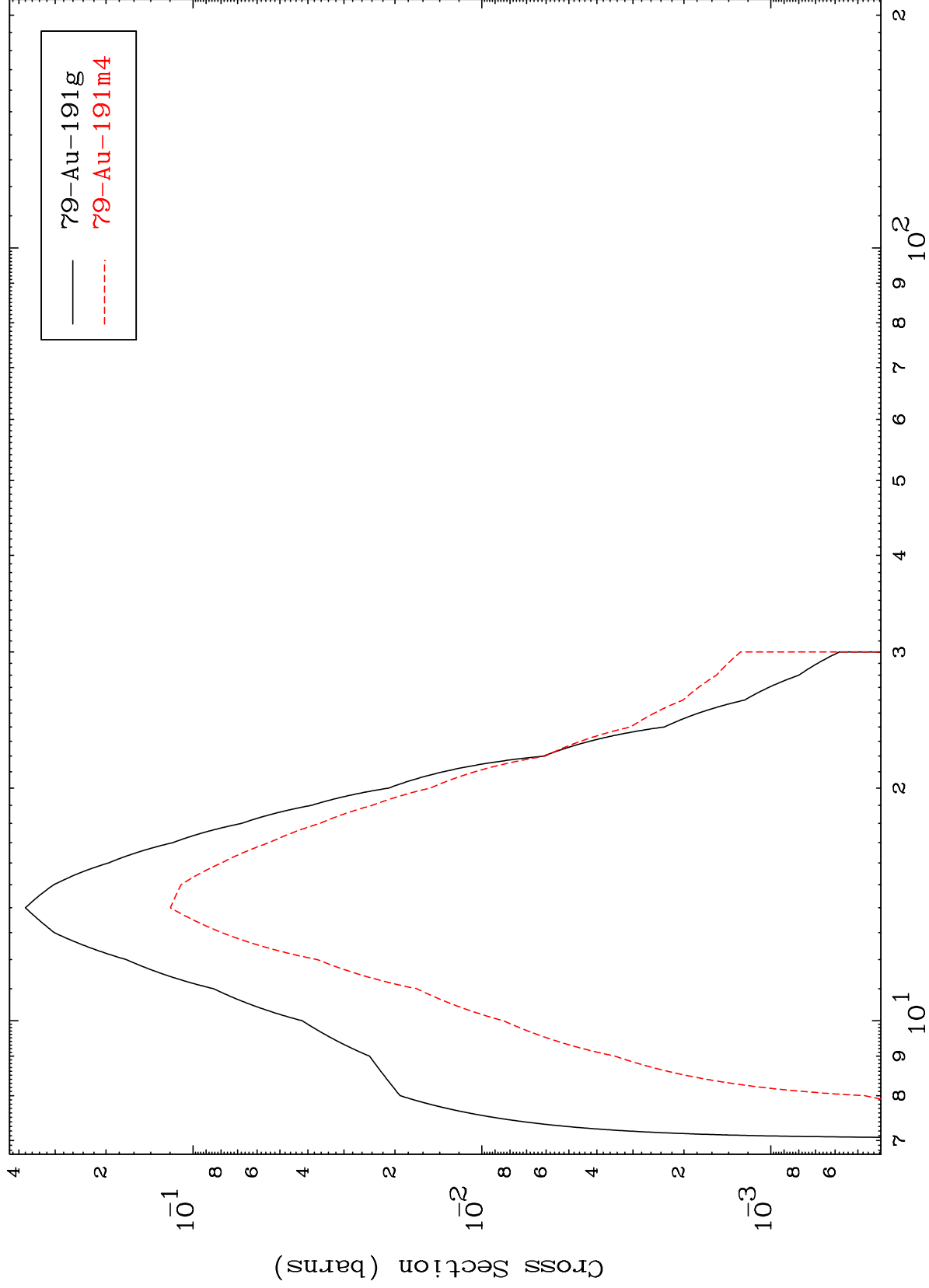
Incident Energy (MeV)

79-Au-192

MAT 7910

Photon Inelastic
Radionuclide Production Cross Section

⁷⁹Au-192



10

Incident Energy (MeV)

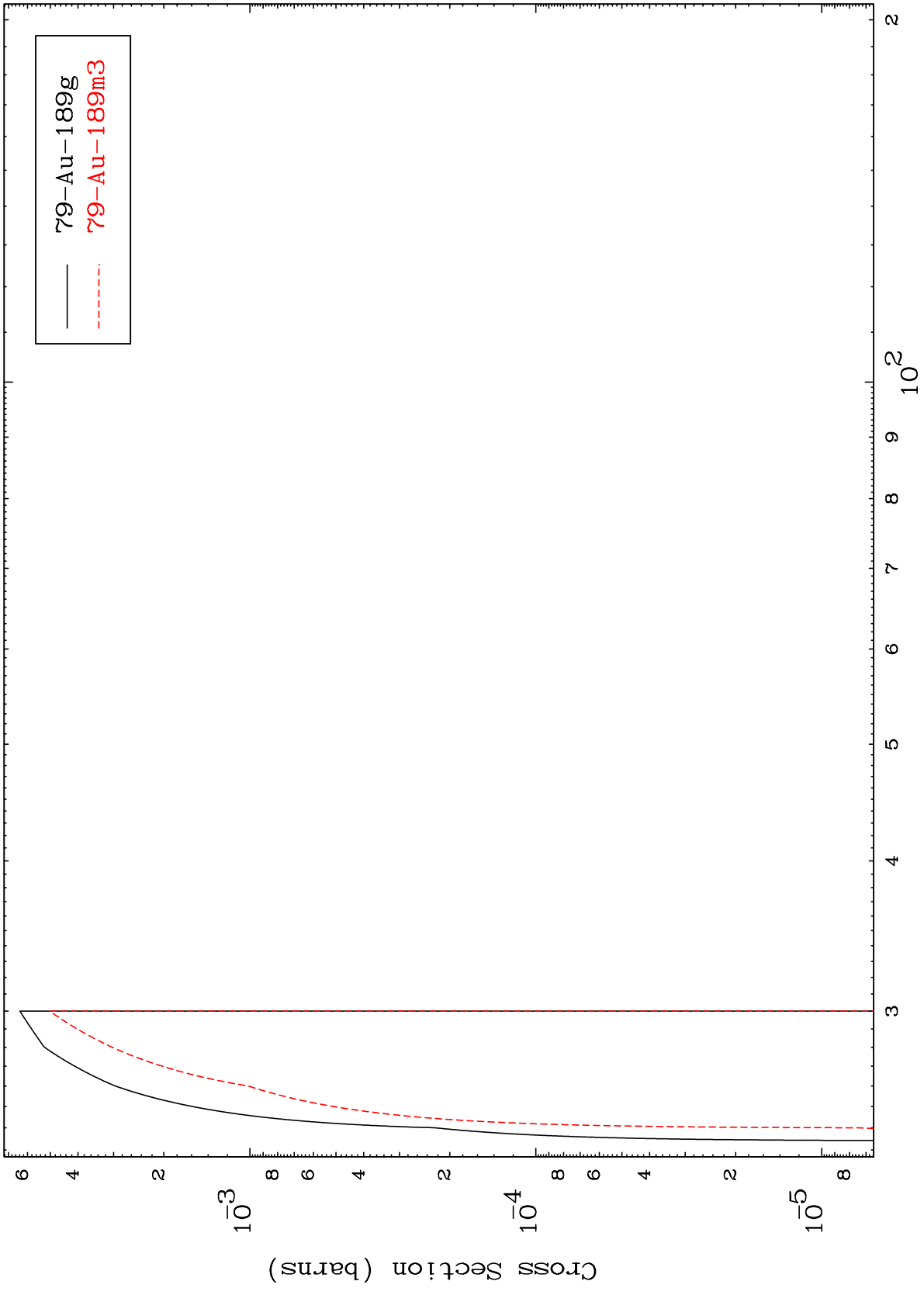
⁷⁹Au-192

MAT 7910

($\gamma, 3n$)

⁷⁹Au-192

Radionuclide Production Cross Section

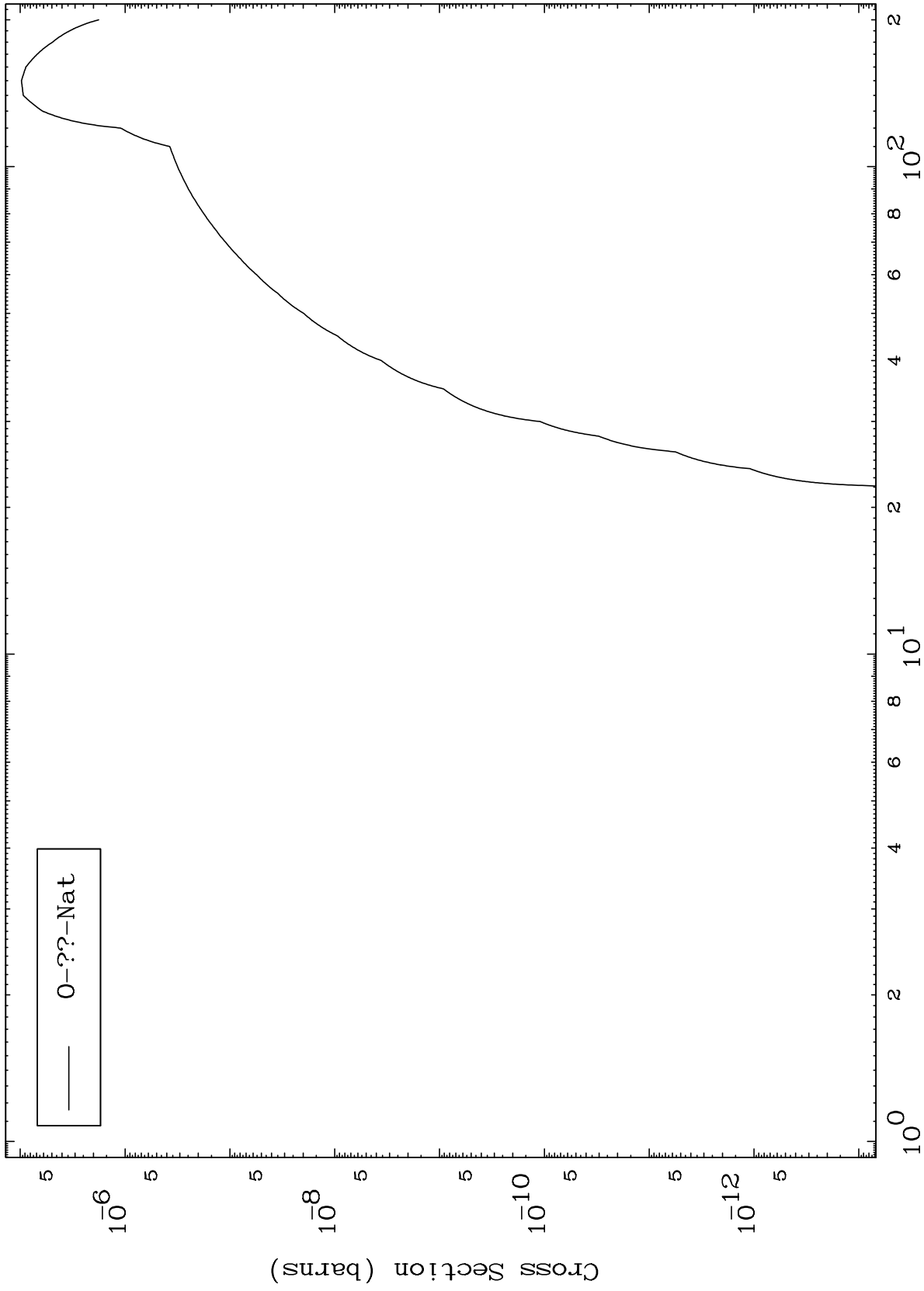


— ⁷⁹Au-189g
- - - ⁷⁹Au-189m3

MAT 7910

Photon Fission
Radionuclide Production Cross Section

79-Au-192



Incident Energy (MeV)

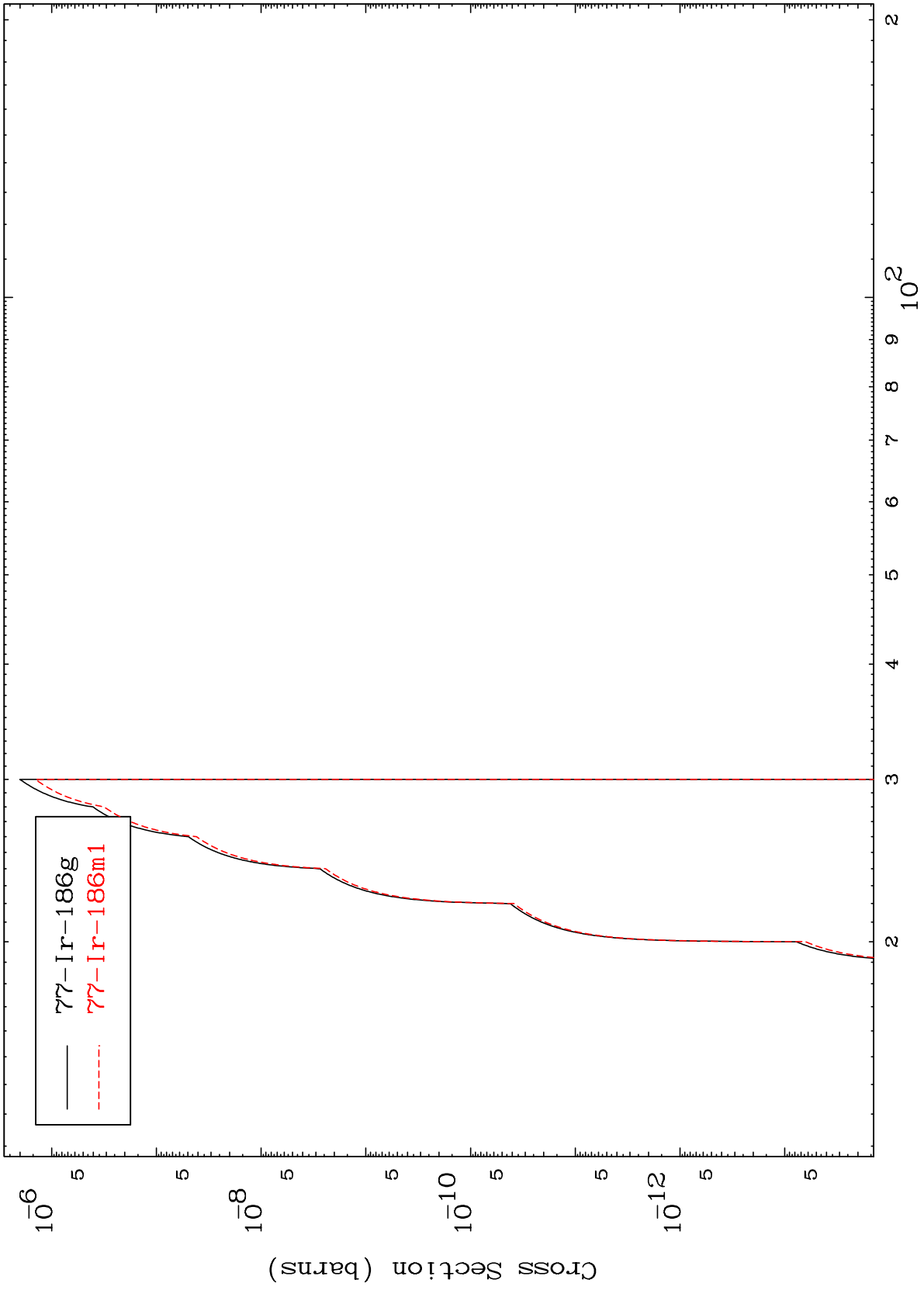
79-Au-192

MAT 7910

$(\gamma, 2n) \alpha$

$^{79}\text{Au-192}$

Radionuclide Production Cross Section



13

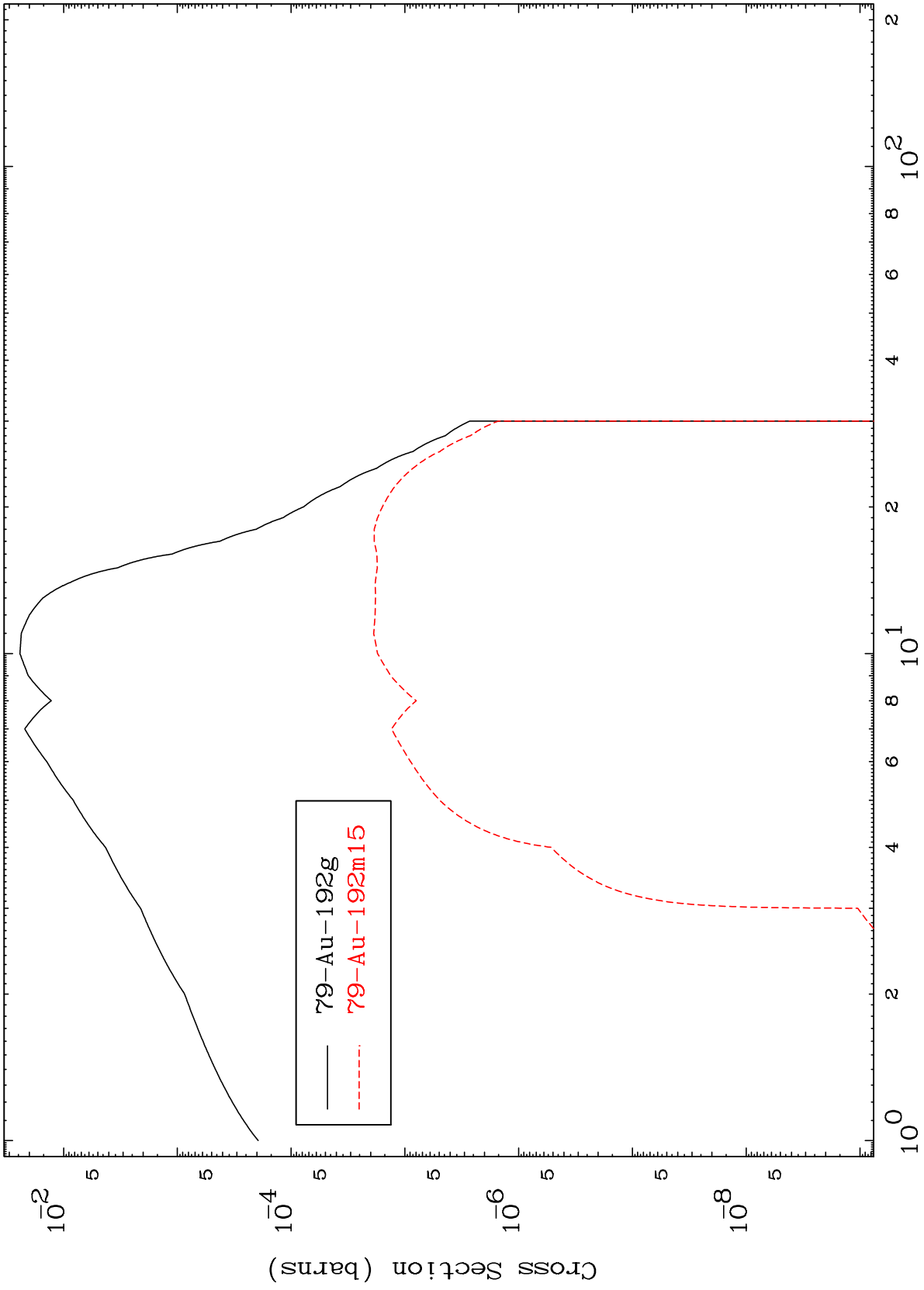
Incident Energy (MeV)

$^{79}\text{Au-192}$

MAT 7910

Radionuclide Production Cross Section
(γ, γ)

⁷⁹Au-192



Incident Energy (MeV)

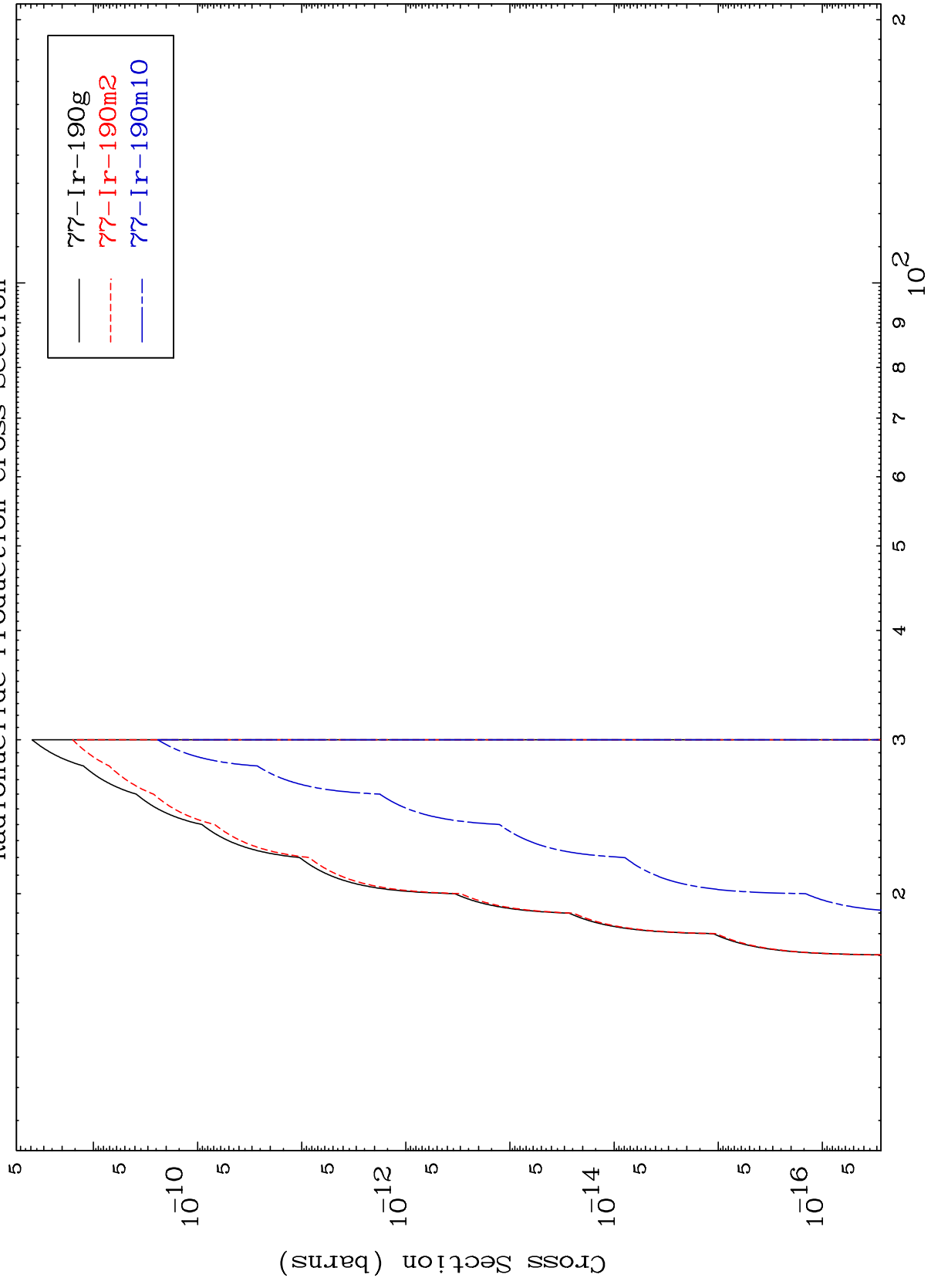
⁷⁹Au-192

— 79-Au-192g
- - - 79-Au-192m15

MAT 7910

79-Au-192

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



15

Incident Energy (MeV)

79-Au-192