

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

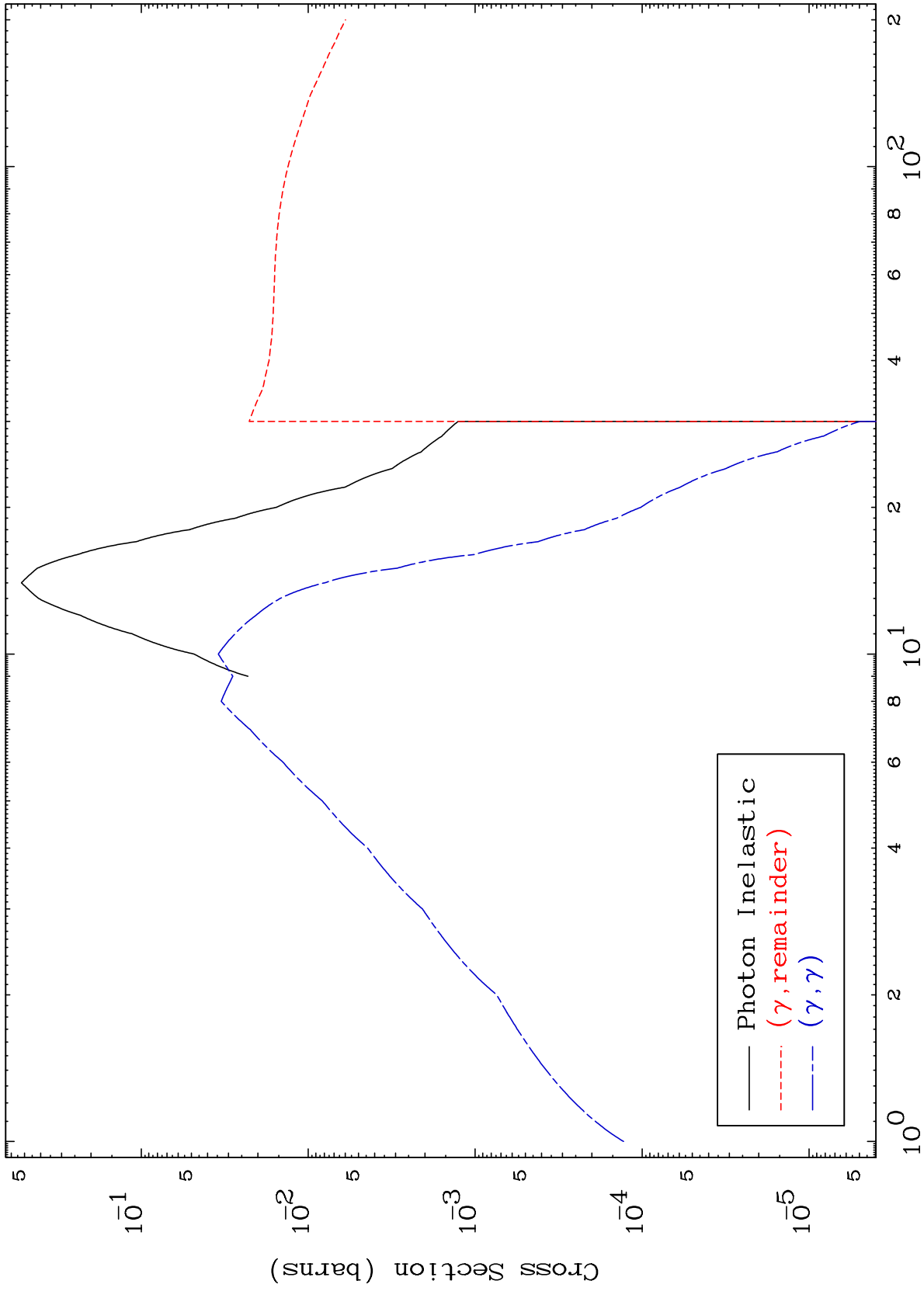
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7919

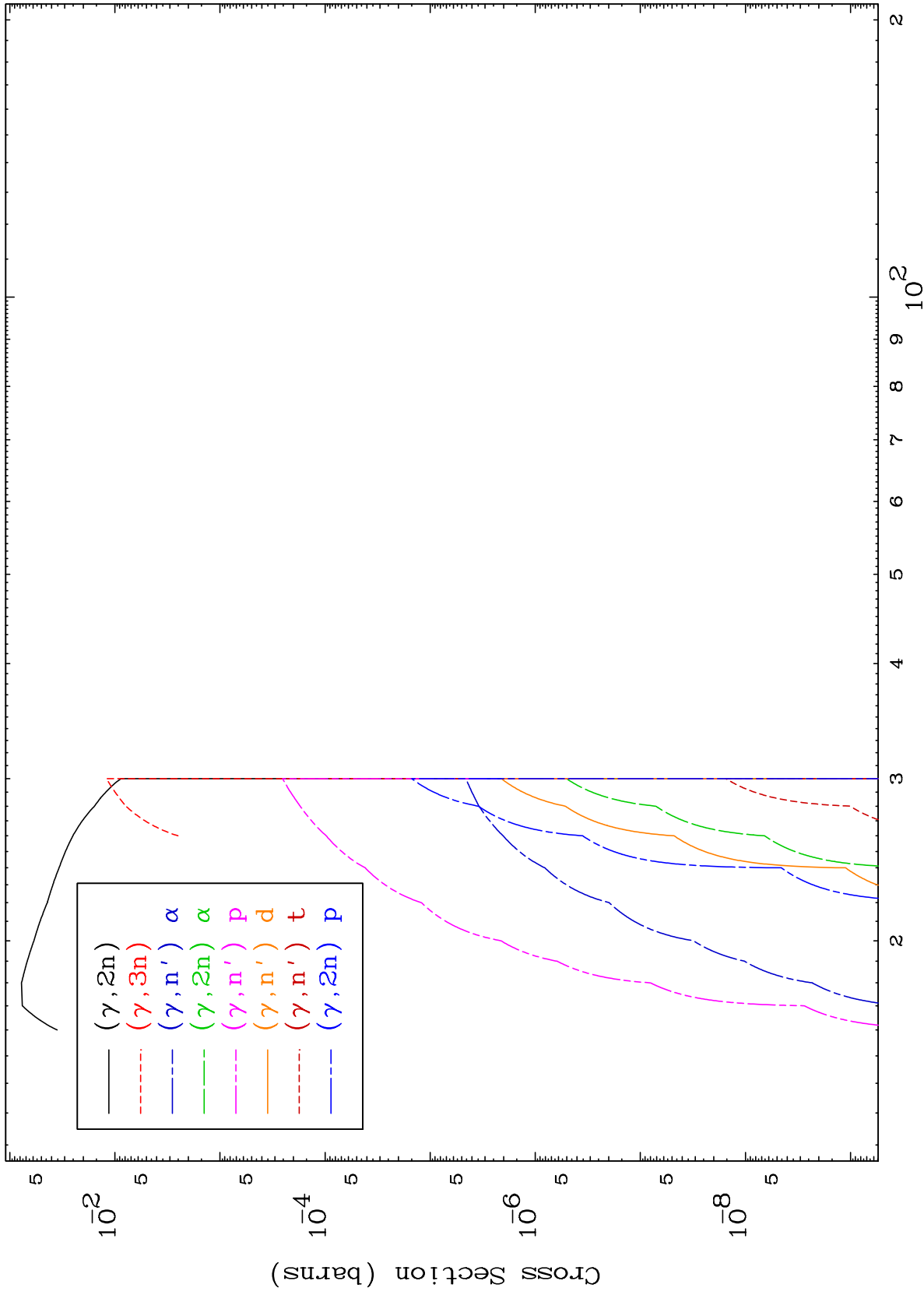
Photon Major
0 Kelvin Cross Sections

79-Au-195



Incident Energy (MeV)

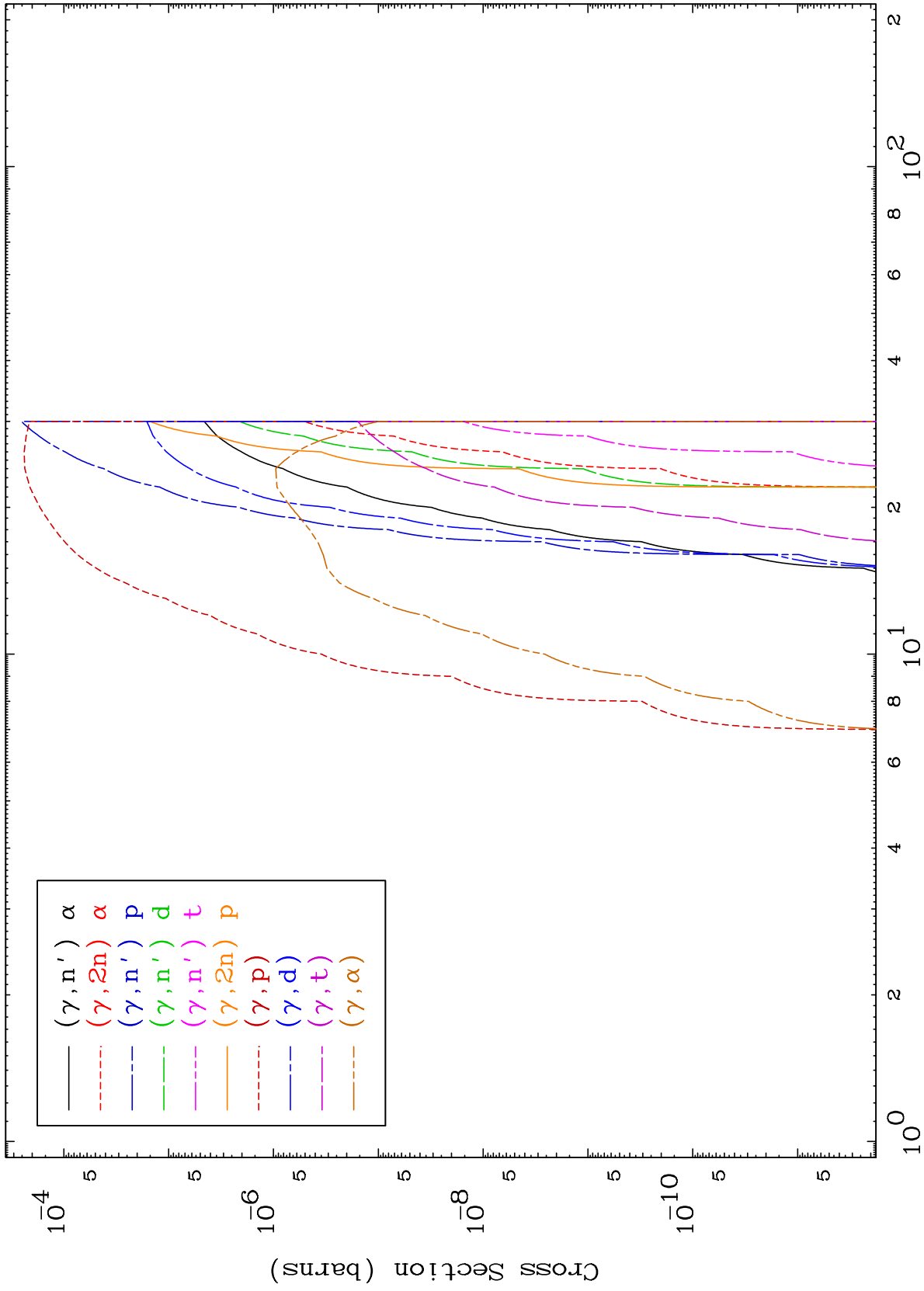
79-Au-195



MAT 7919

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-195



3

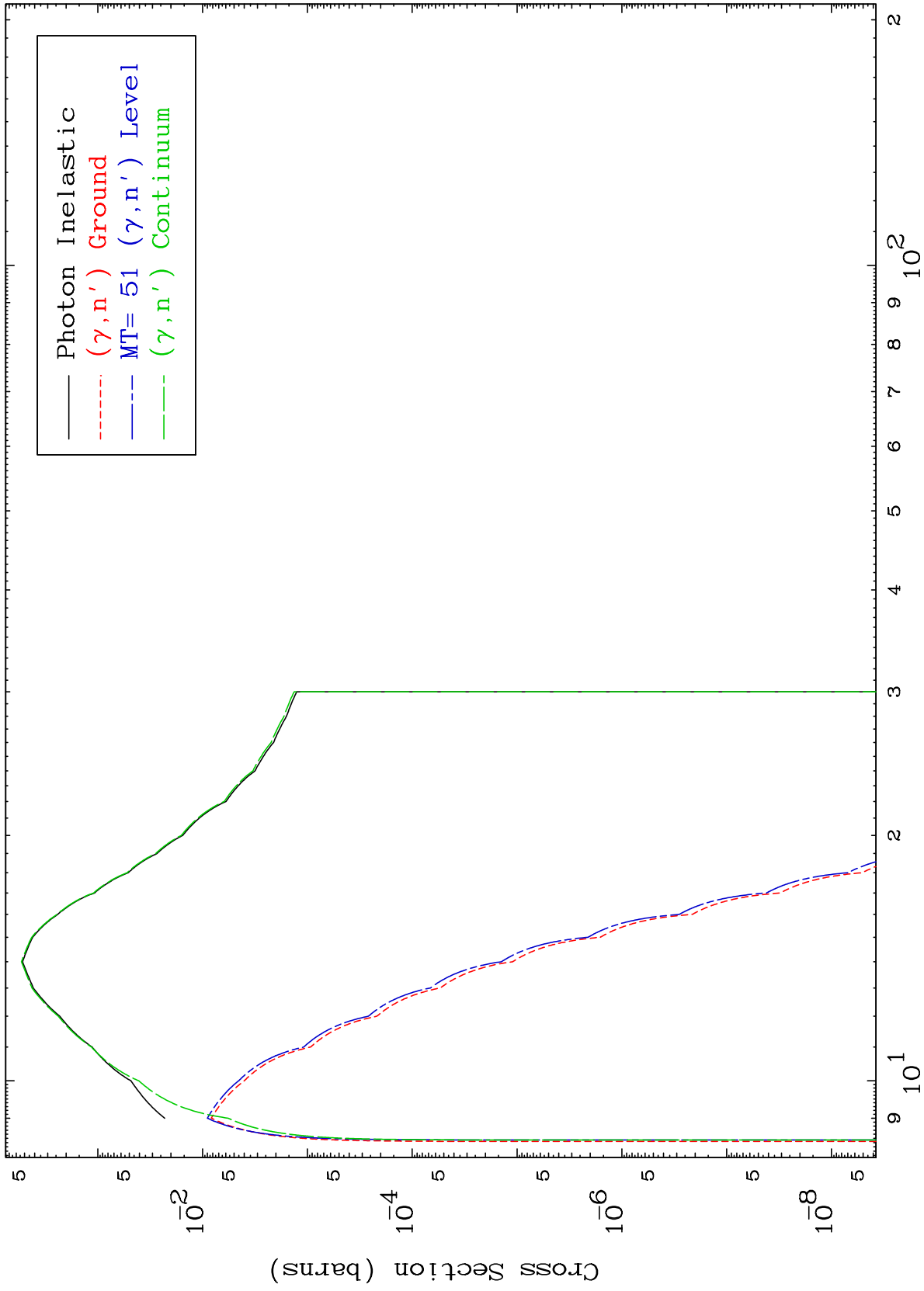
Incident Energy (MeV)

79-Au-195

MAT 7919

(γ, n') Level
0 Kelvin Cross Sections

79-Au-195



4

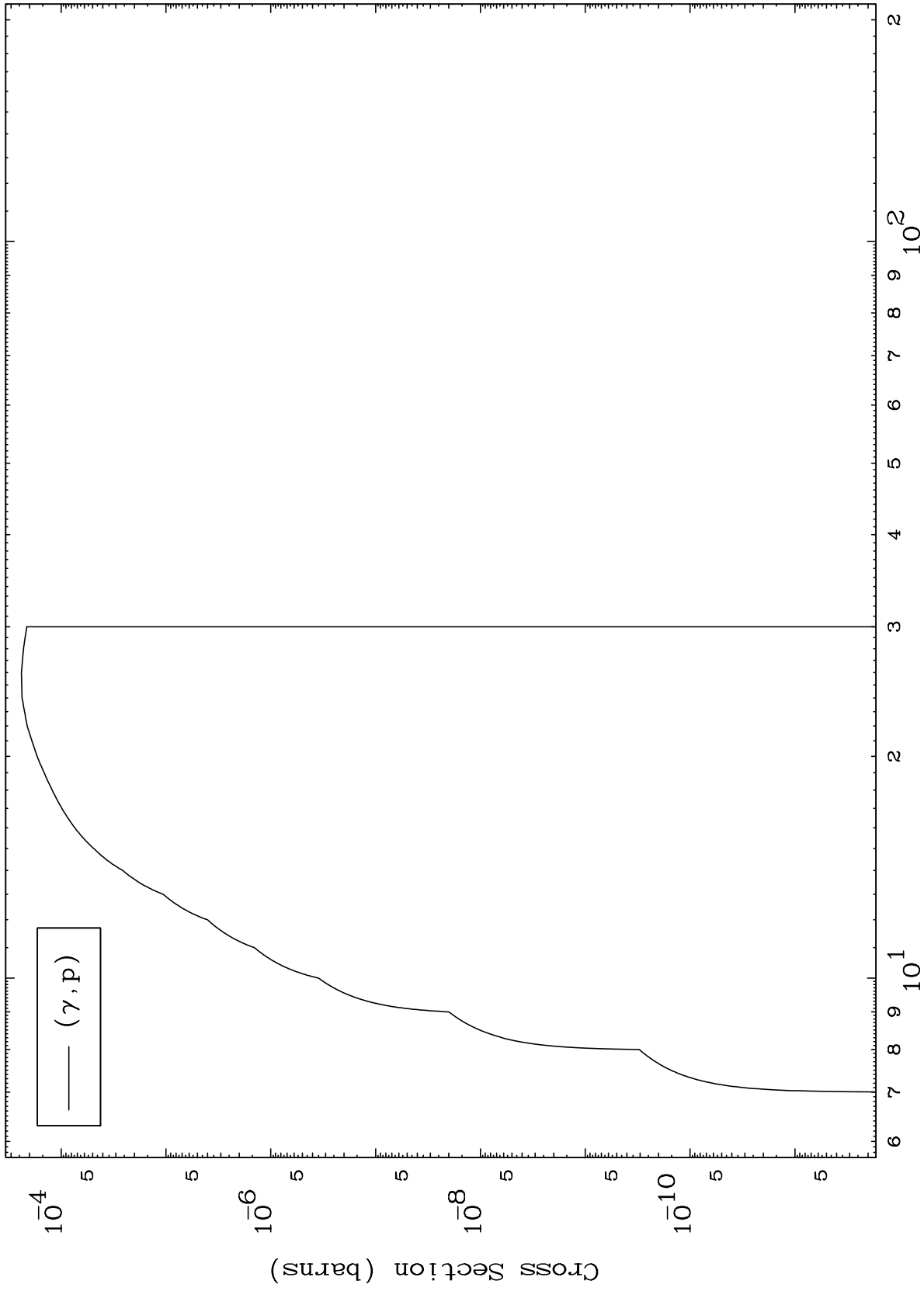
Incident Energy (MeV)

79-Au-195

MAT 7919

(γ, p) Levels
0 Kelvin Cross Sections

79-Au-195



5

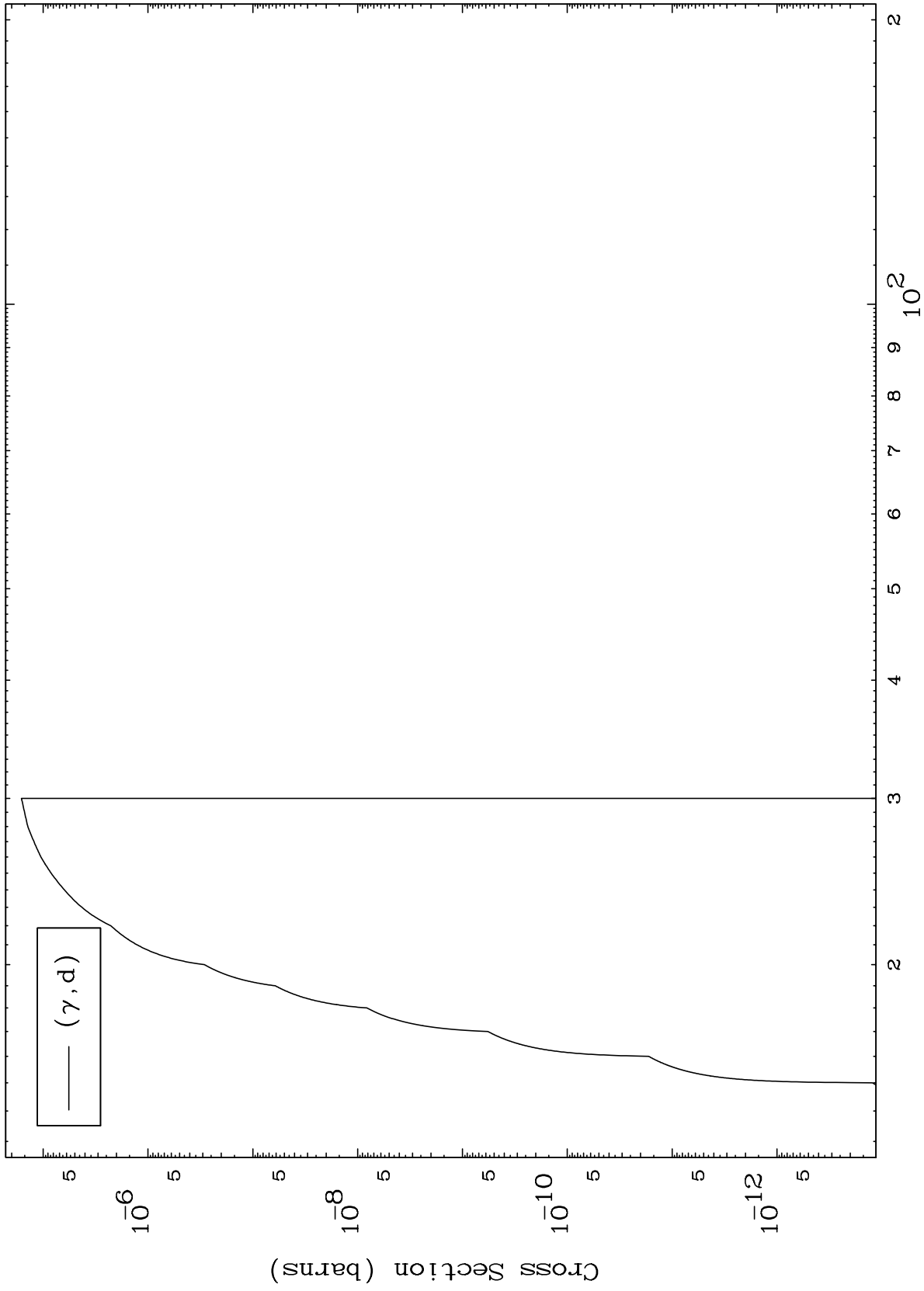
Incident Energy (MeV)

79-Au-195

MAT 7919

(γ, d) Levels
0 Kelvin Cross Sections

79-Au-195



6

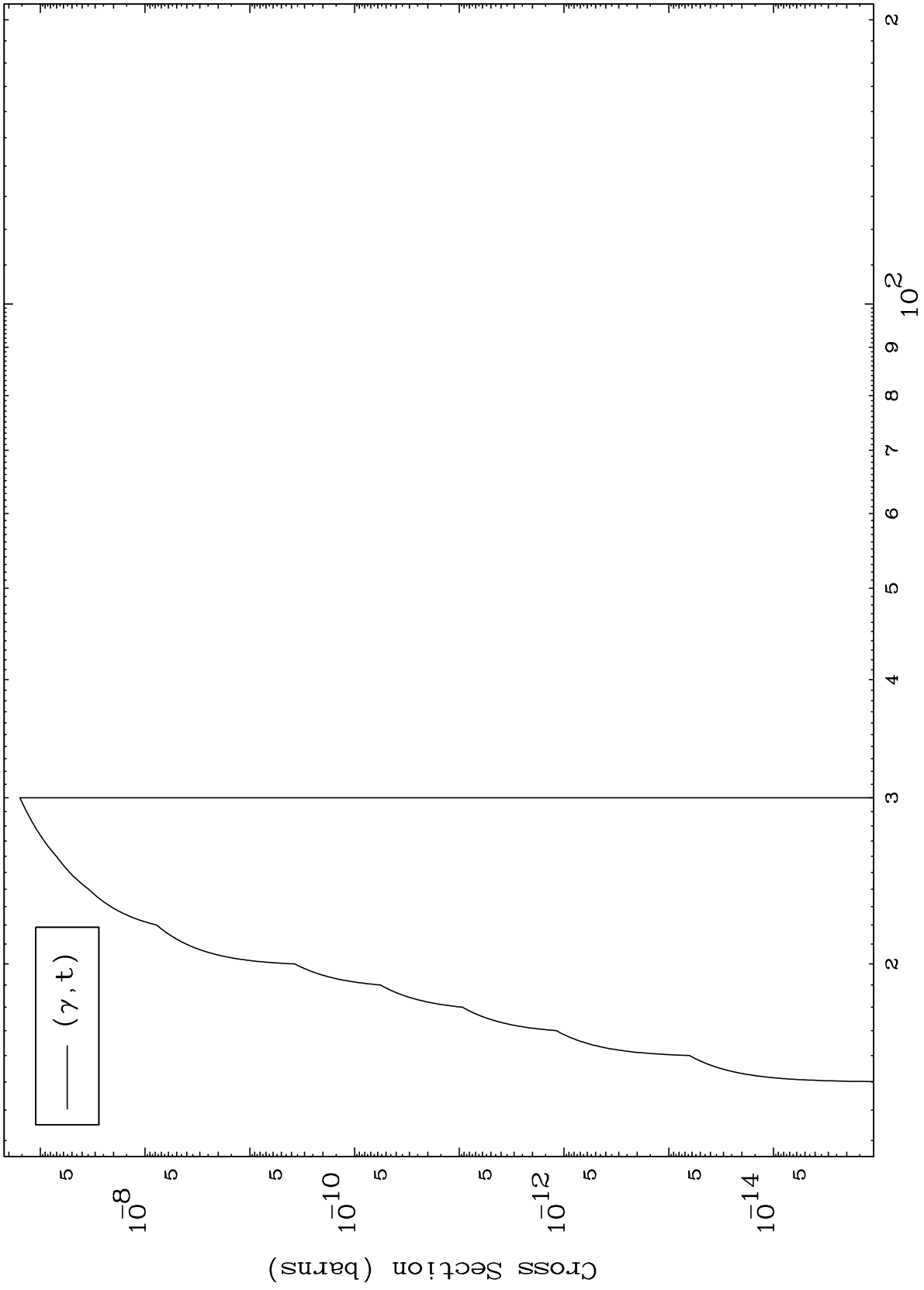
Incident Energy (MeV)

79-Au-195

MAT 7919

(γ, t) Levels
0 Kelvin Cross Sections

79-Au-195



7

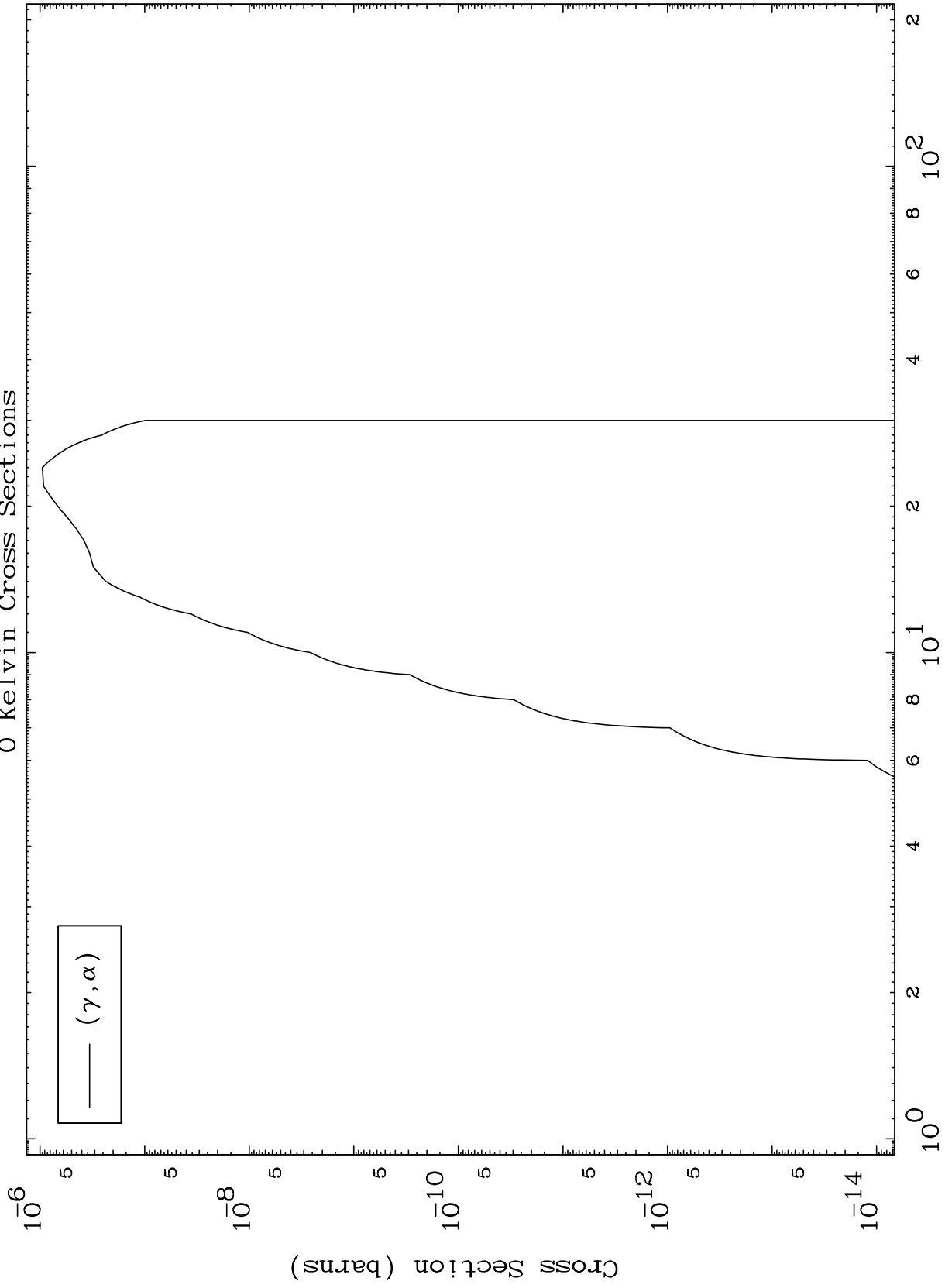
Incident Energy (MeV)

79-Au-195

MAT 7919

(γ, α) Levels
0 Kelvin Cross Sections

79-Au-195



(γ, α)

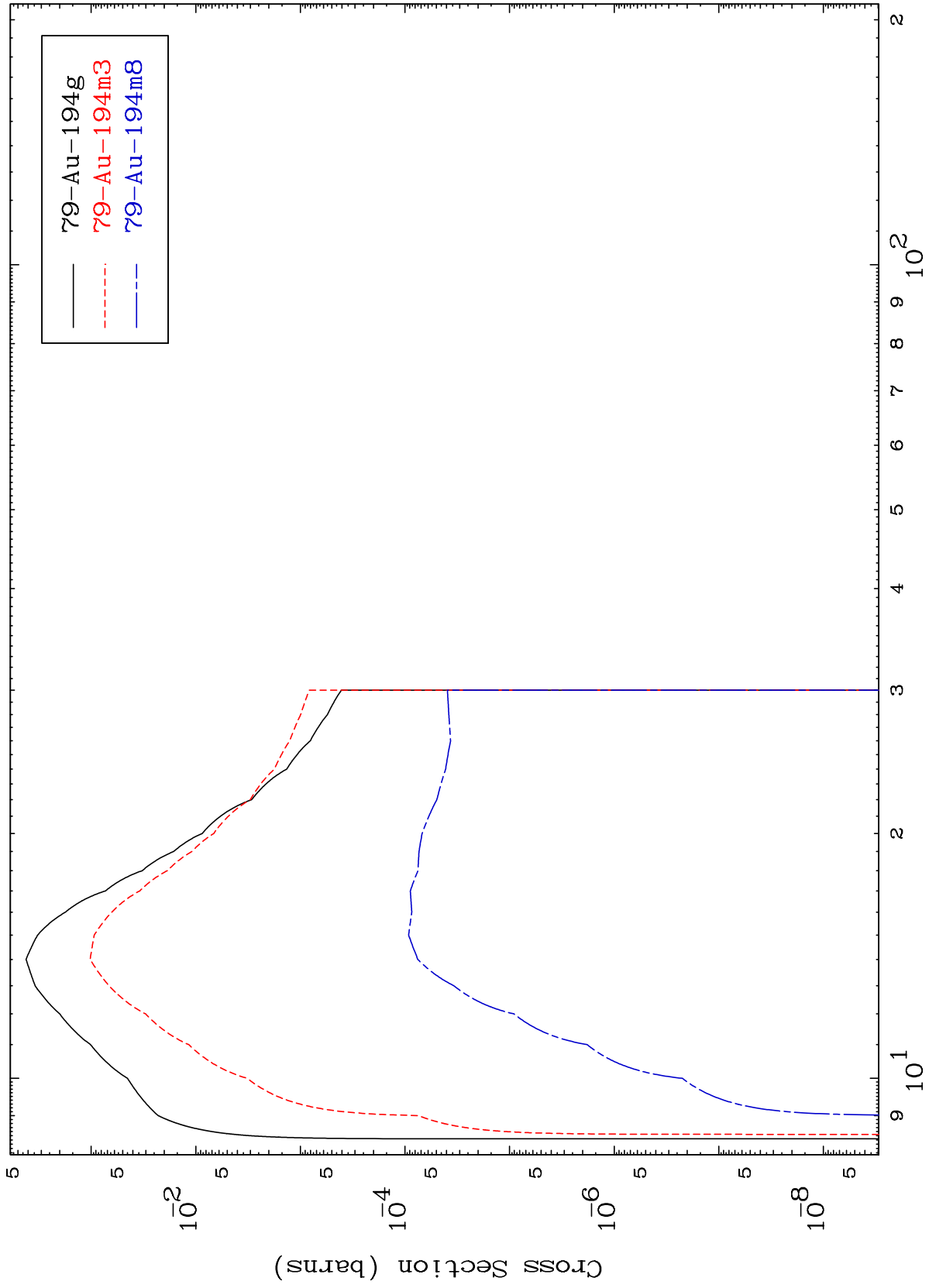
Incident Energy (MeV)

79-Au-195

MAT 7919

Photon Inelastic
Radionuclide Production Cross Section

79-Au-195



9

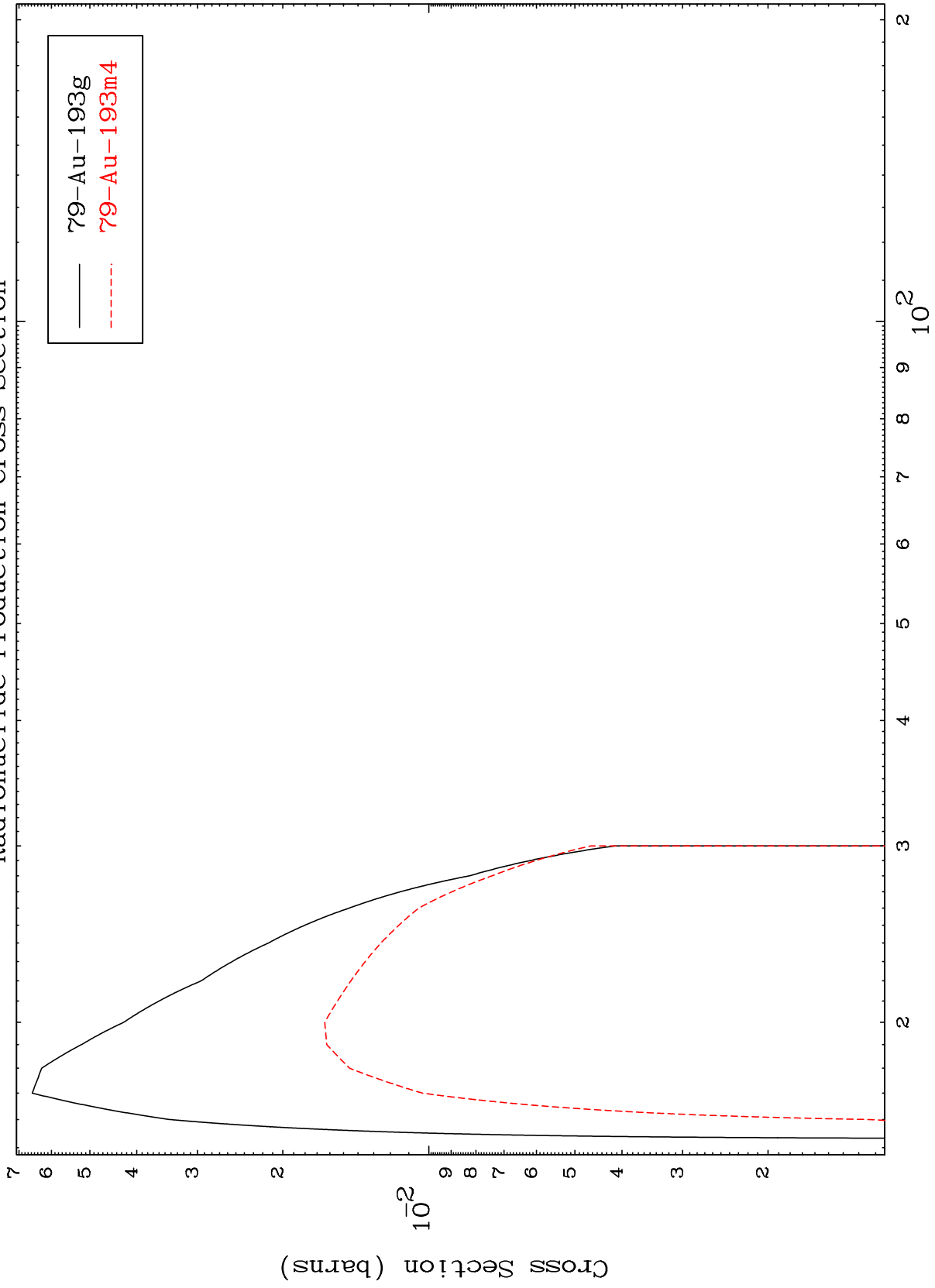
Incident Energy (MeV)

79-Au-195

MAT 7919

⁷⁹Au-195

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



10

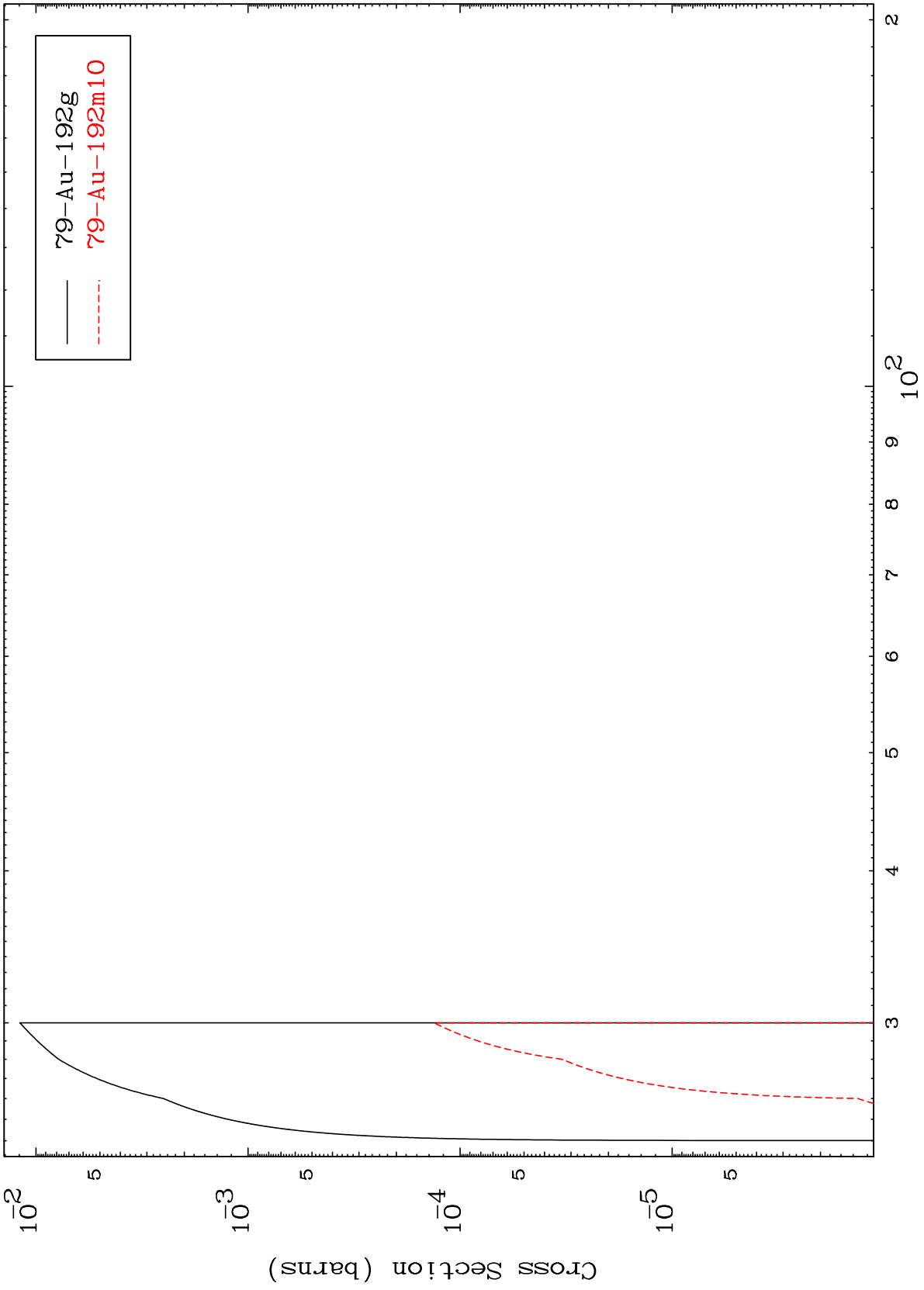
Incident Energy (MeV)

⁷⁹Au-195

MAT 7919

⁷⁹Au-195

($\gamma, 3n$)
Radionuclide Production Cross Section



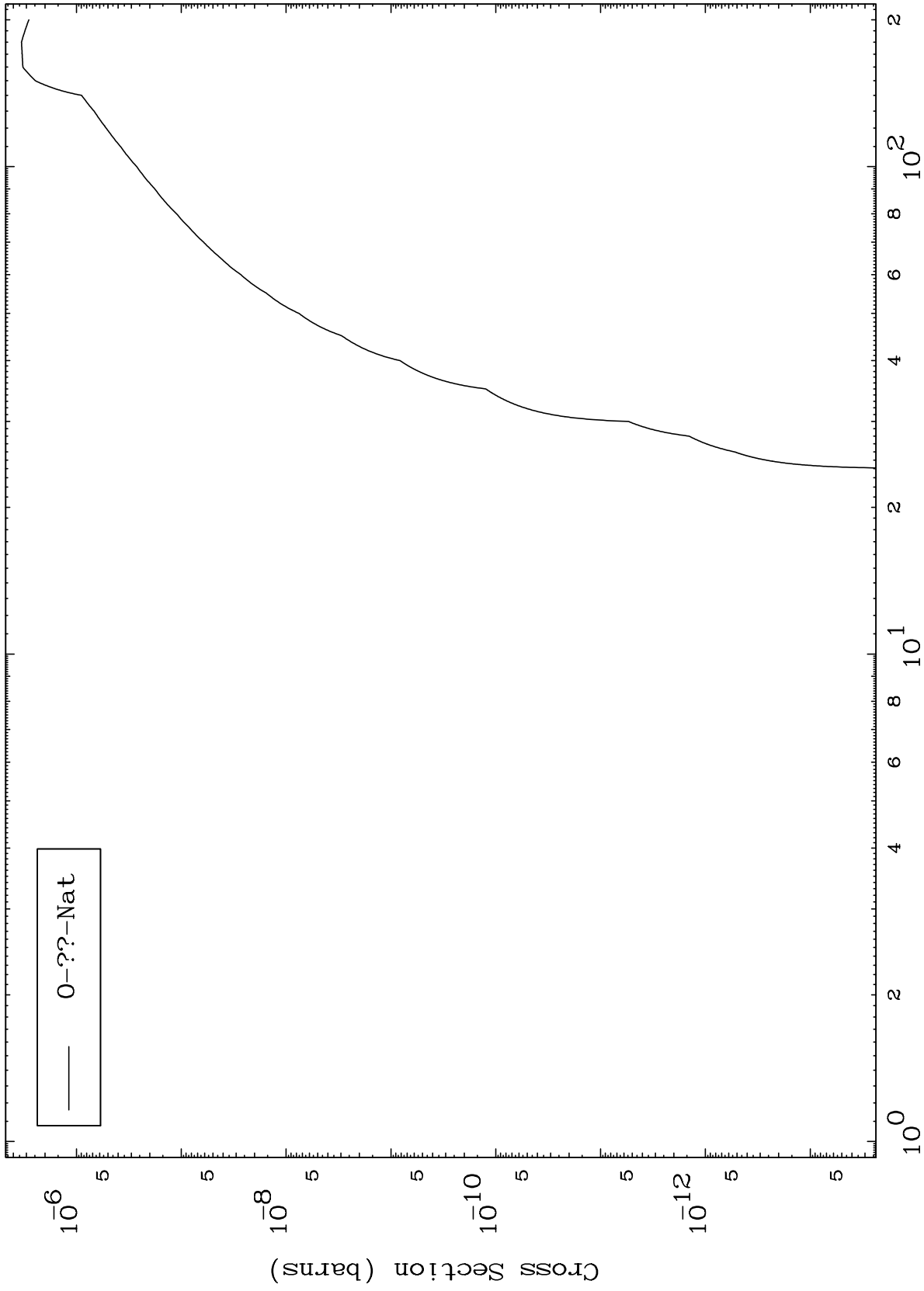
11

⁷⁹Au-195

MAT 7919

Photon Fission
Radionuclide Production Cross Section

79-Au-195



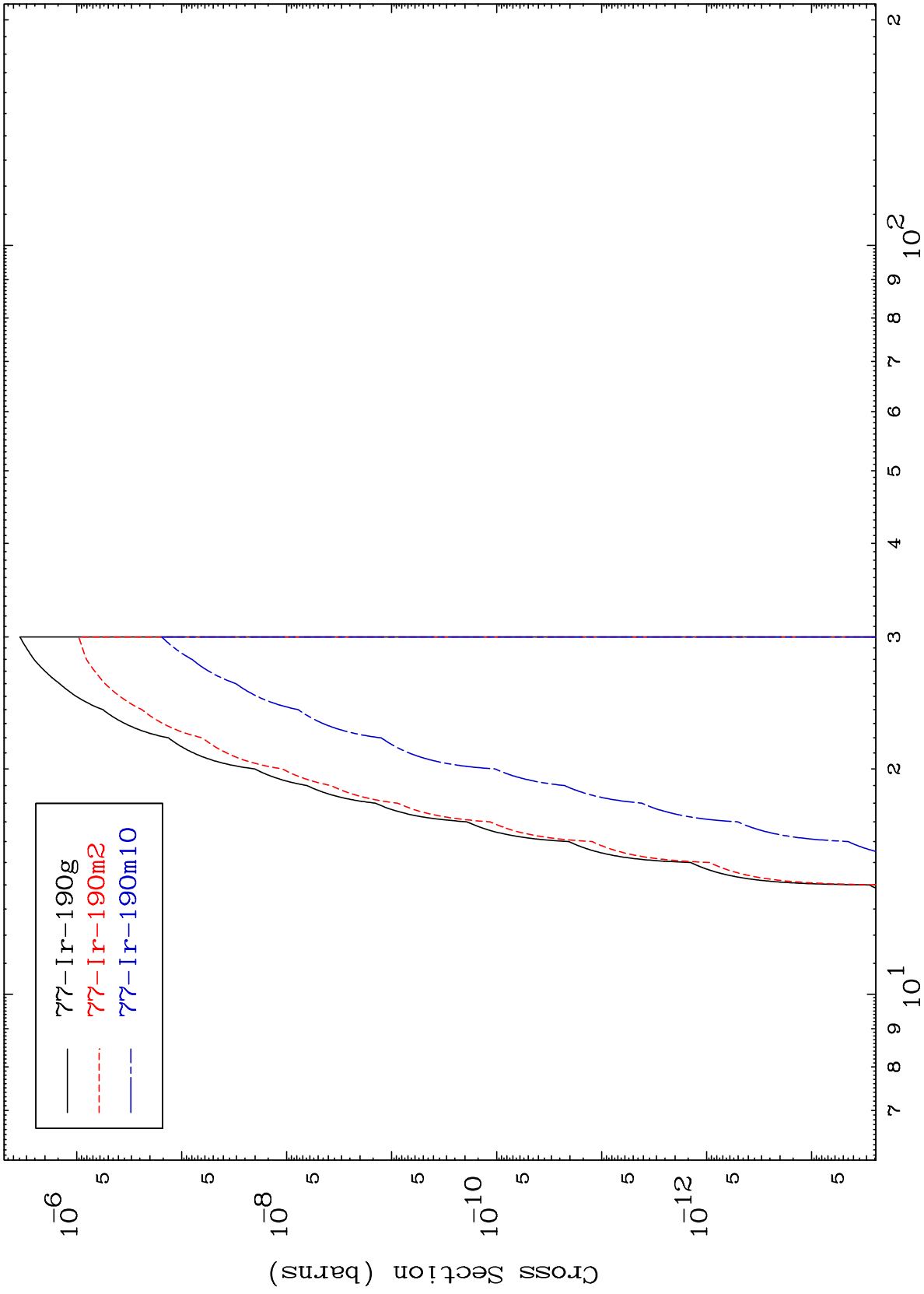
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

$(\gamma, n') \alpha$
Radionuclide Production Cross Section



13

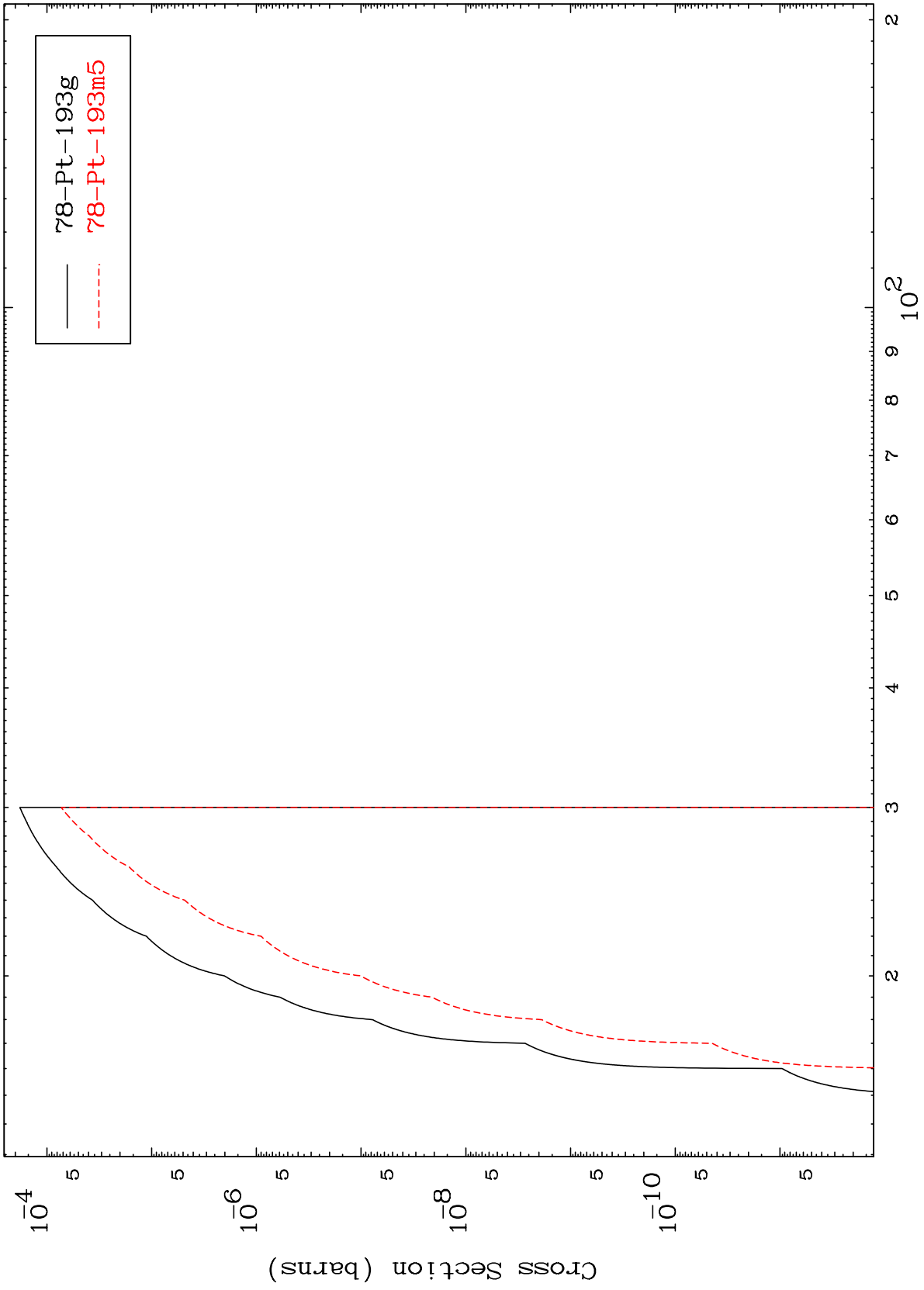
79-Au-195

MAT 7919

(γ, n') p

79-Au-195

Radionuclide Production Cross Section



14

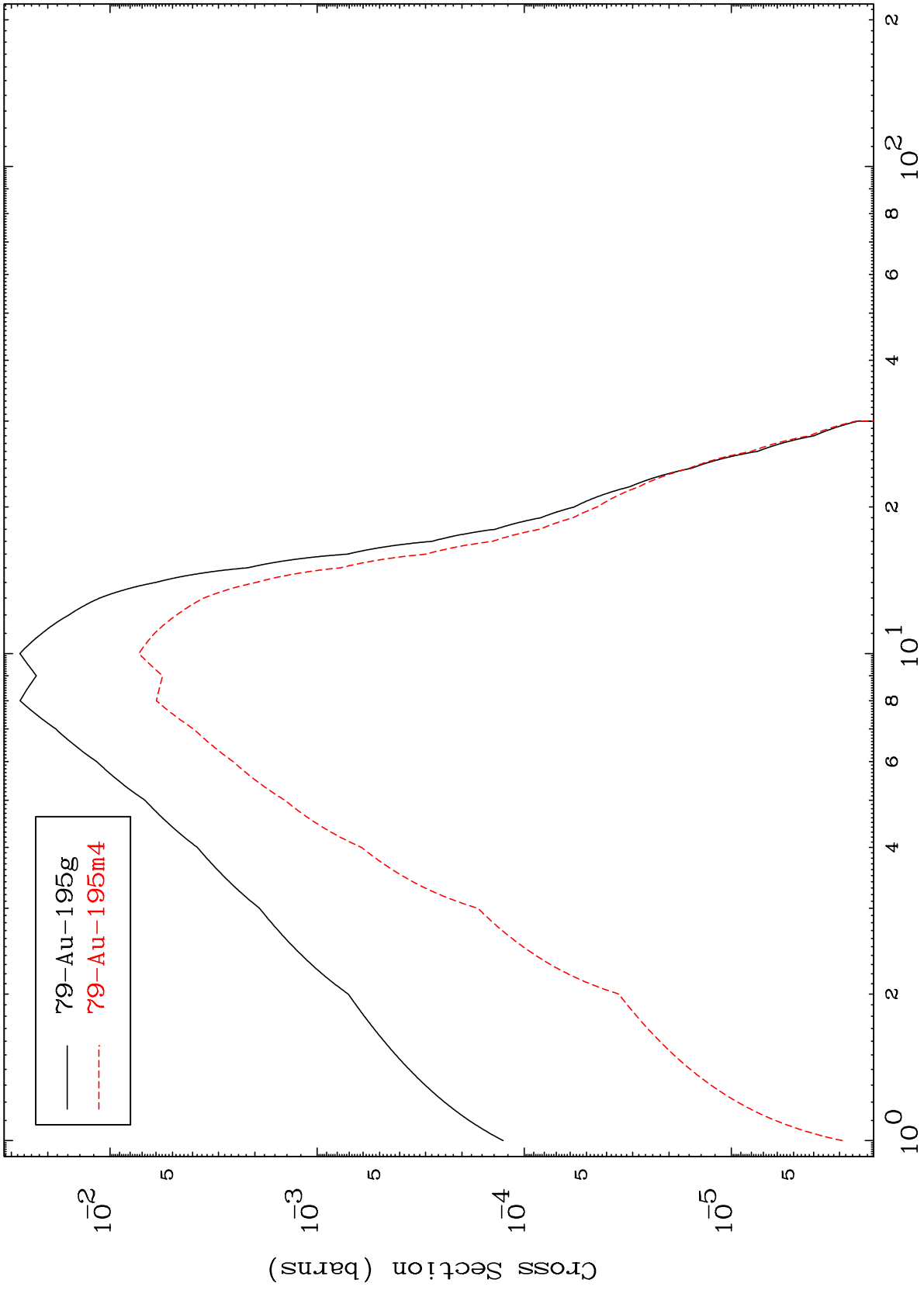
Incident Energy (MeV)

79-Au-195

MAT 7919

Radionuclide Production Cross Section
(γ, γ)

$^{79}\text{Au-195}$



Incident Energy (MeV)

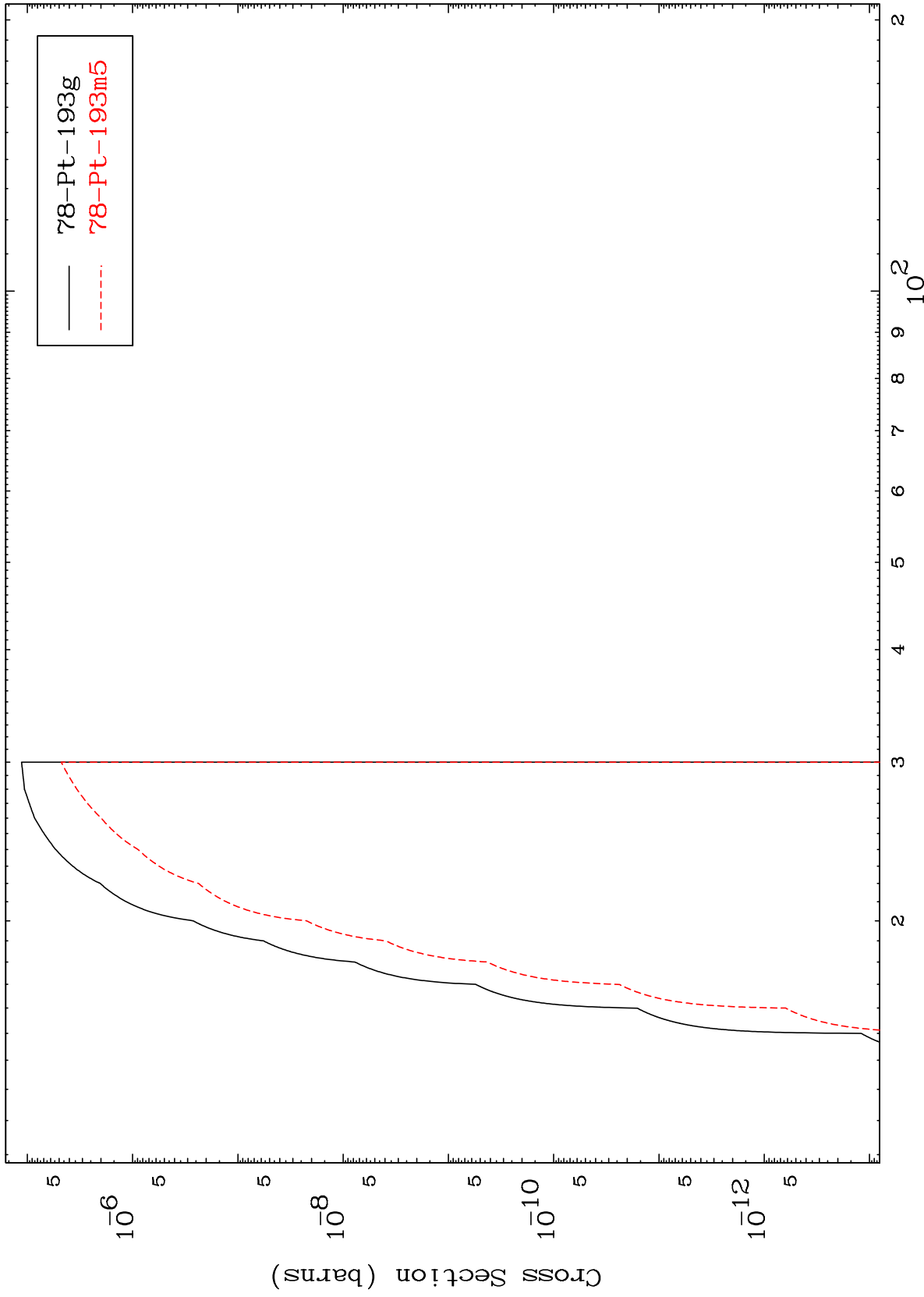
$^{79}\text{Au-195}$

MAT 7919

(γ, d)

79-Au-195

Radionuclide Production Cross Section



16

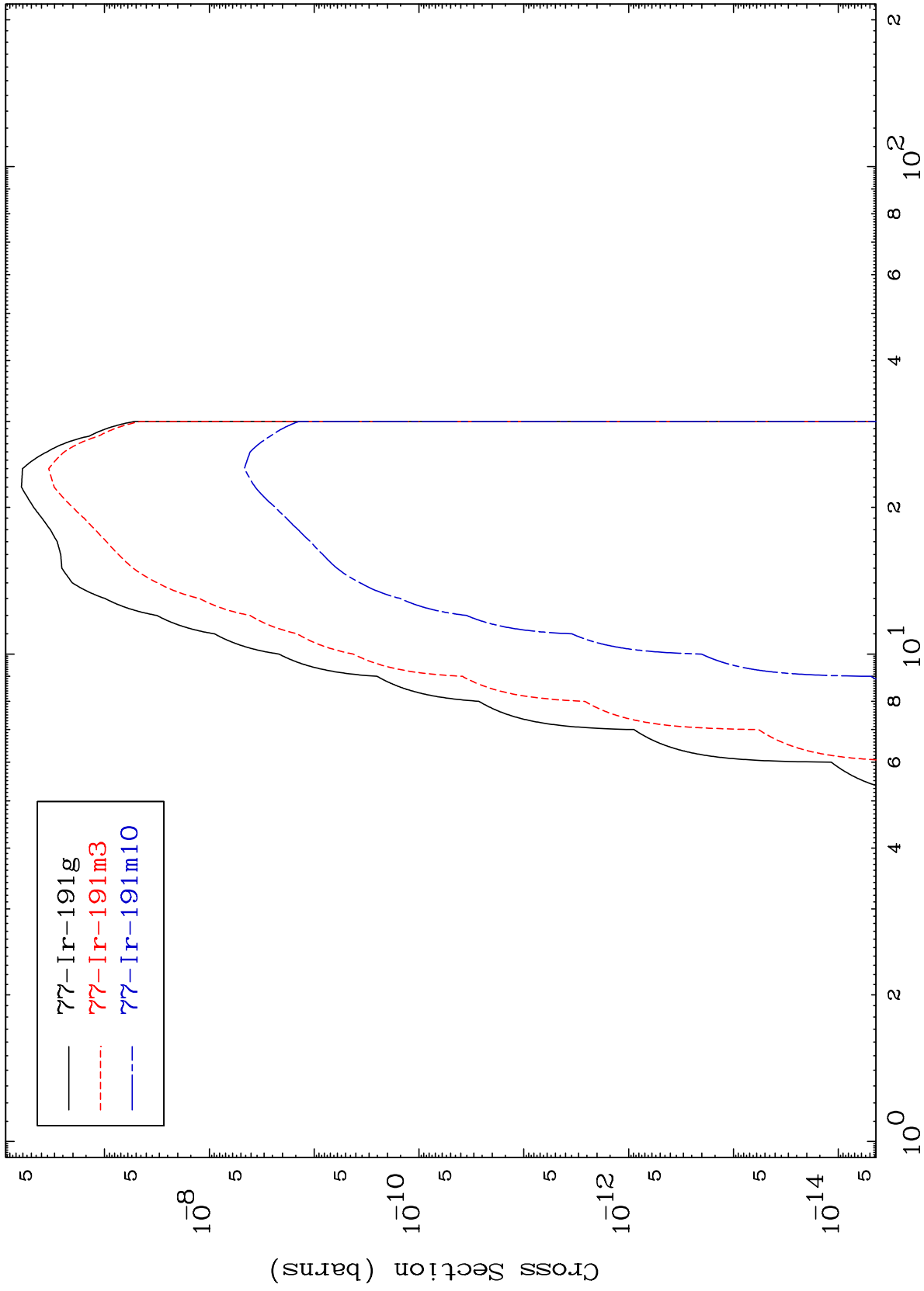
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(γ, α)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

79-Au-195