

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

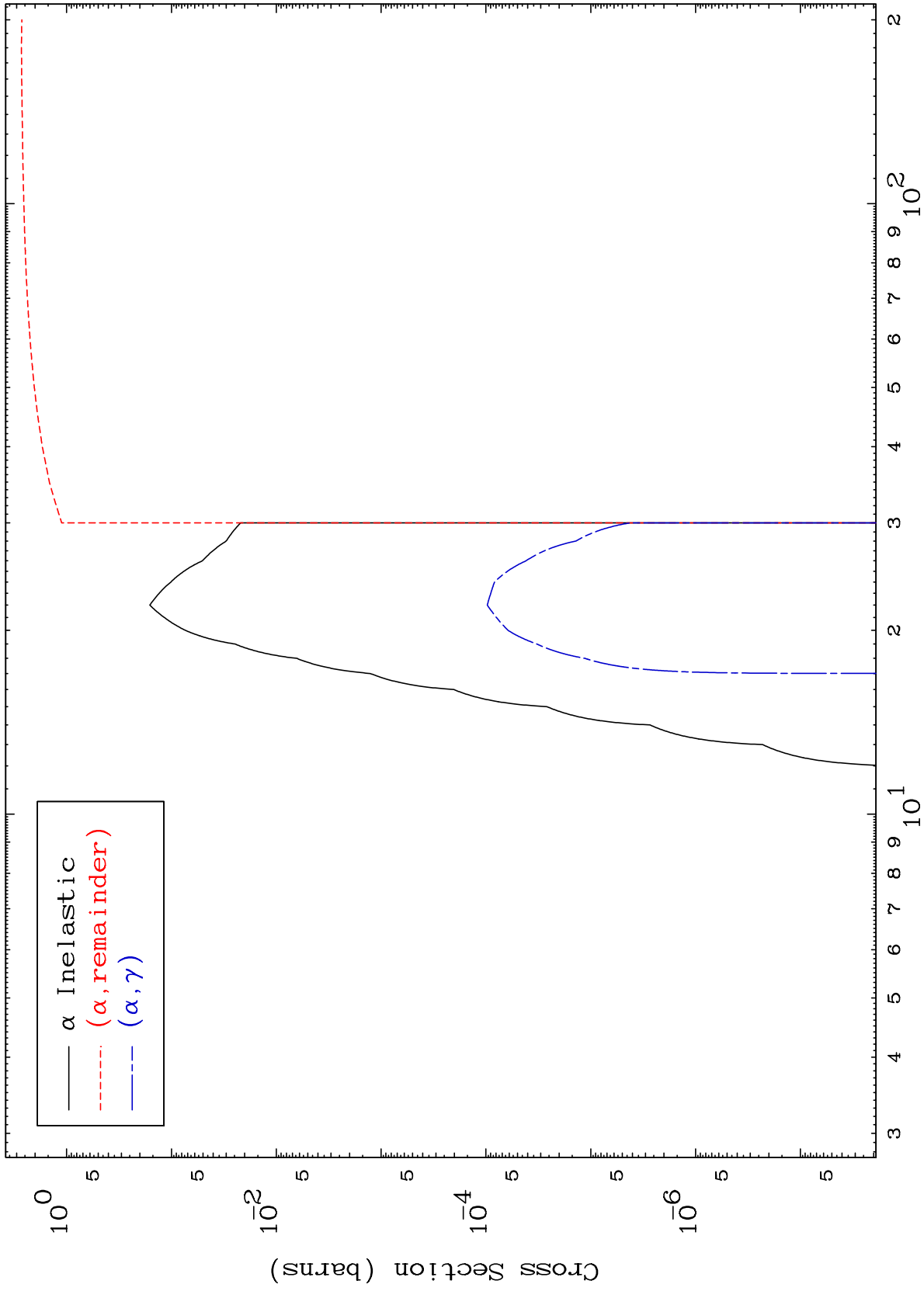
Press Mouse Button to Start

MAT 7910

α Major

0 Kelvin Cross Sections

79-Au-192



1

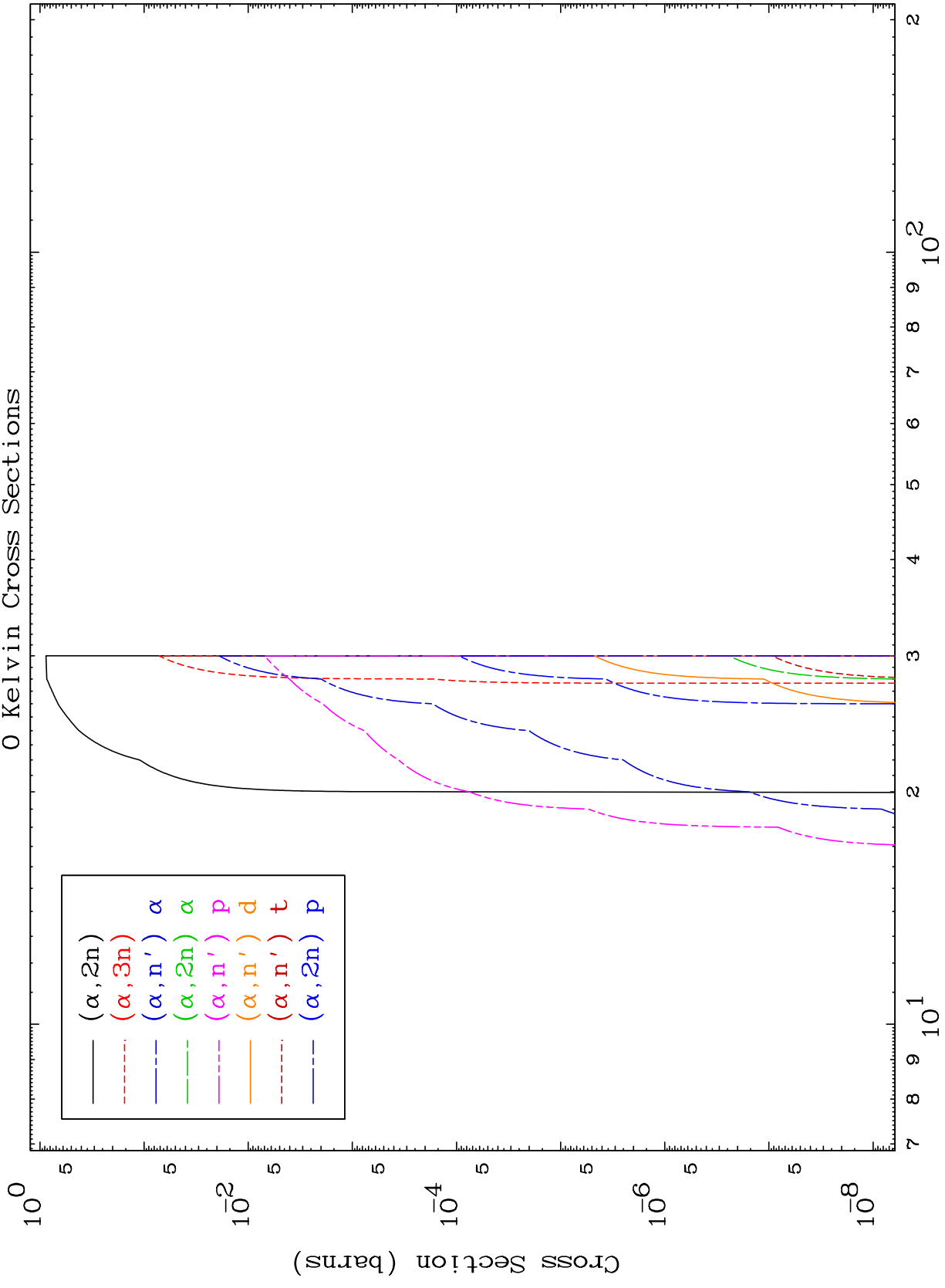
Incident Energy (MeV)

79-Au-192

MAT 7910

α Neutron Production
0 Kelvin Cross Sections

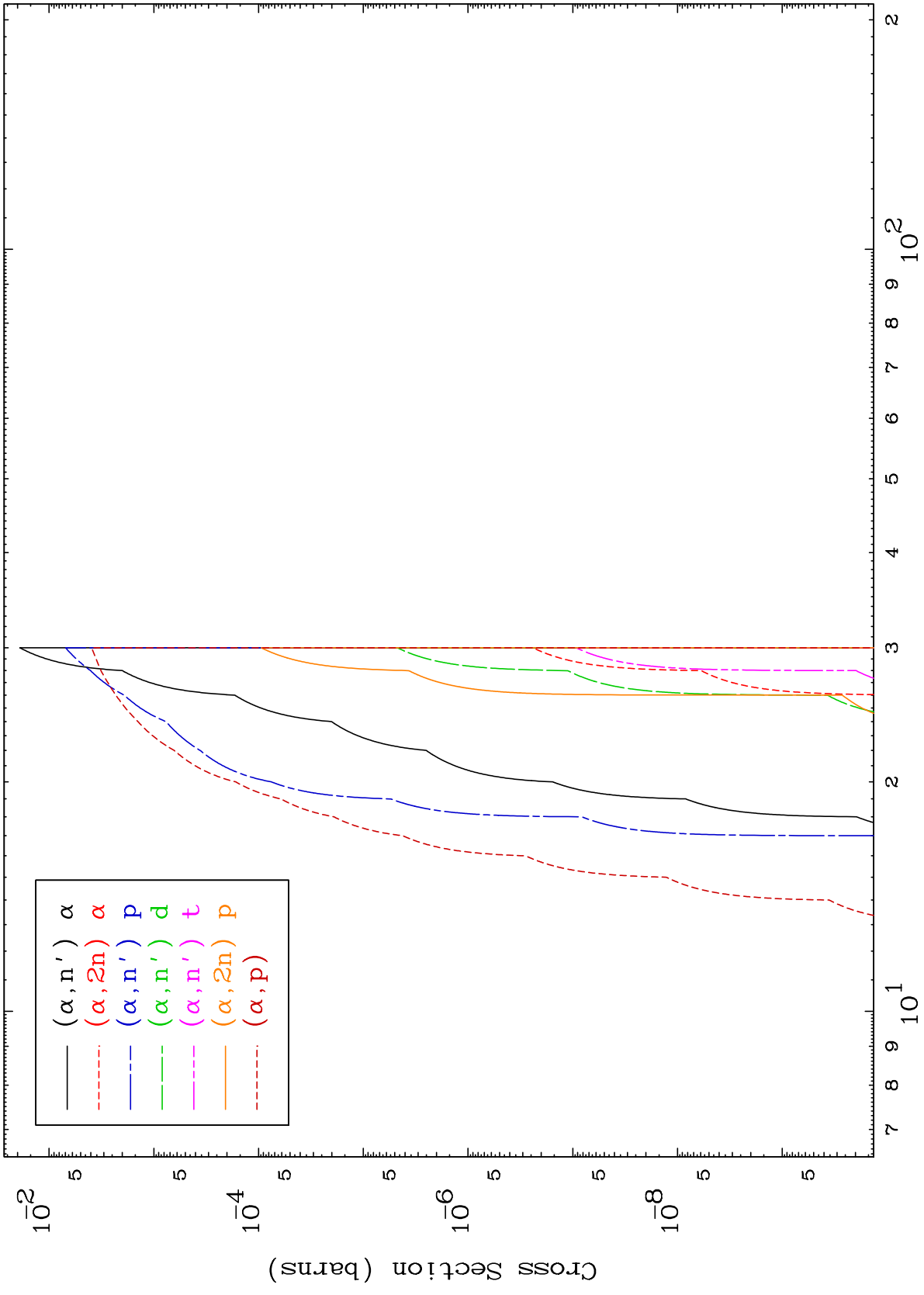
79-Au-192



2

Incident Energy (MeV)

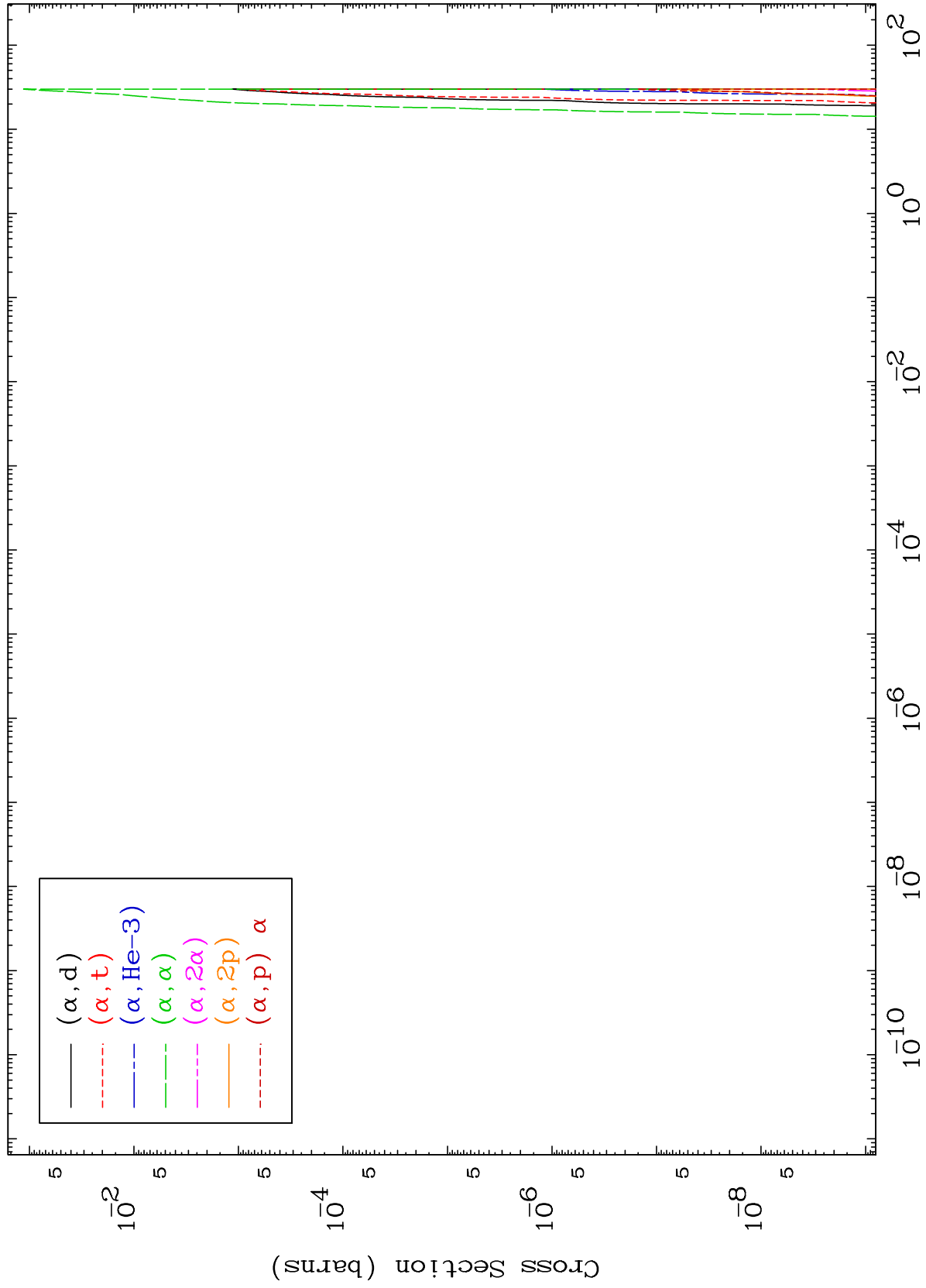
79-Au-192



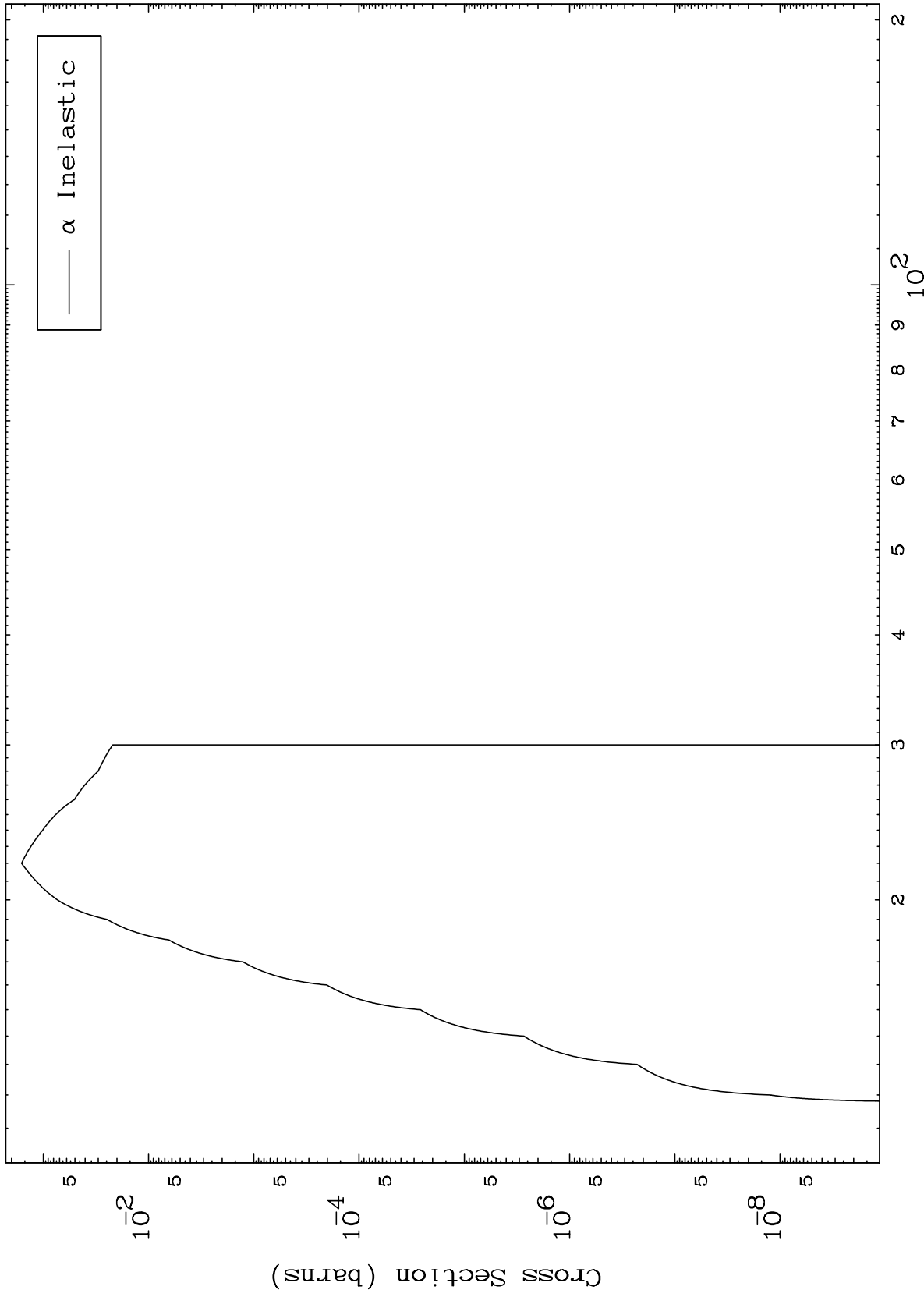
MAT 7910

α Charged Particle
0 Kelvin Cross Sections

79-Au-192



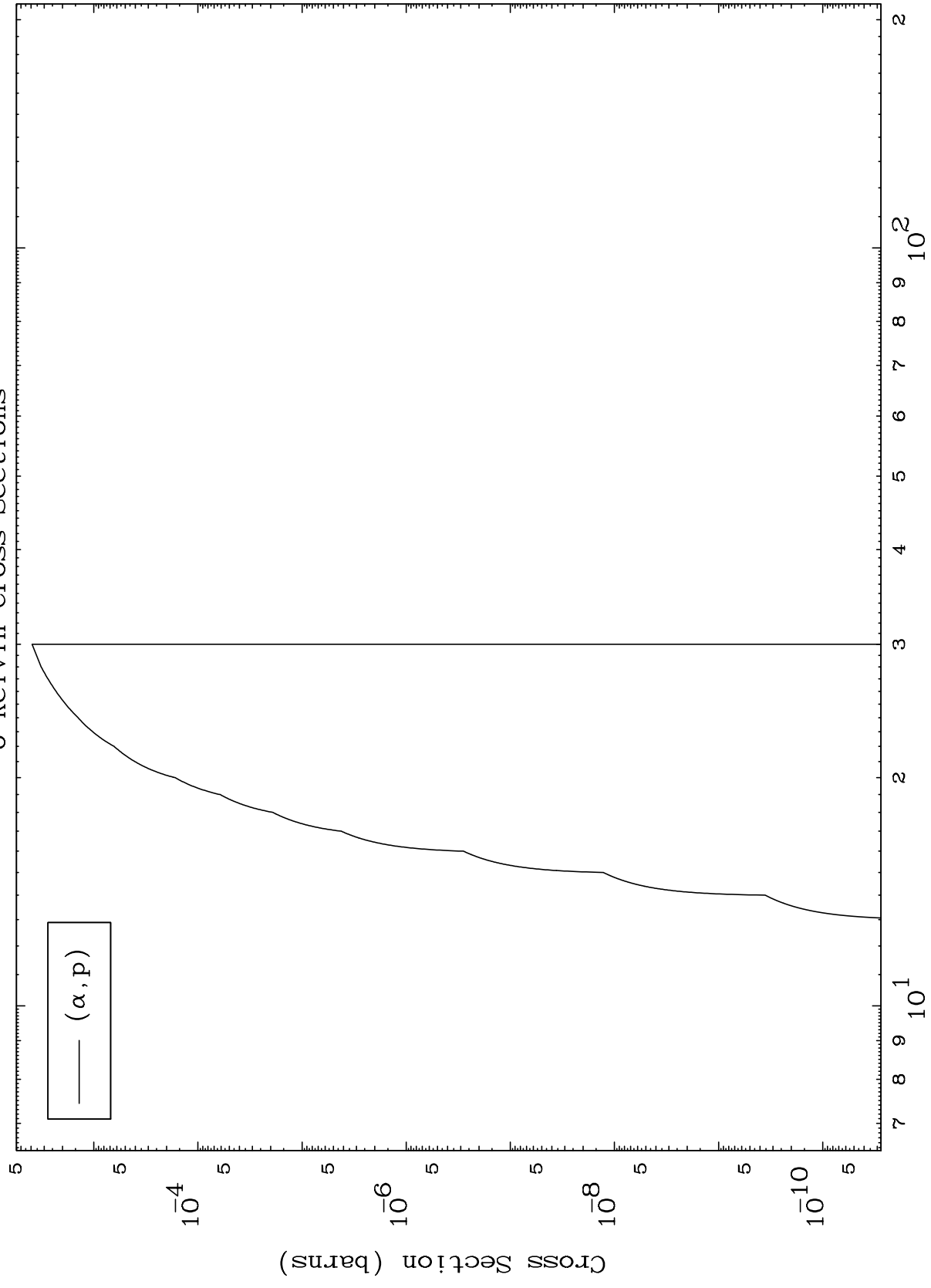
79-Au-192



MAT 7910

(α, p) Levels
0 Kelvin Cross Sections

79-Au-192



6

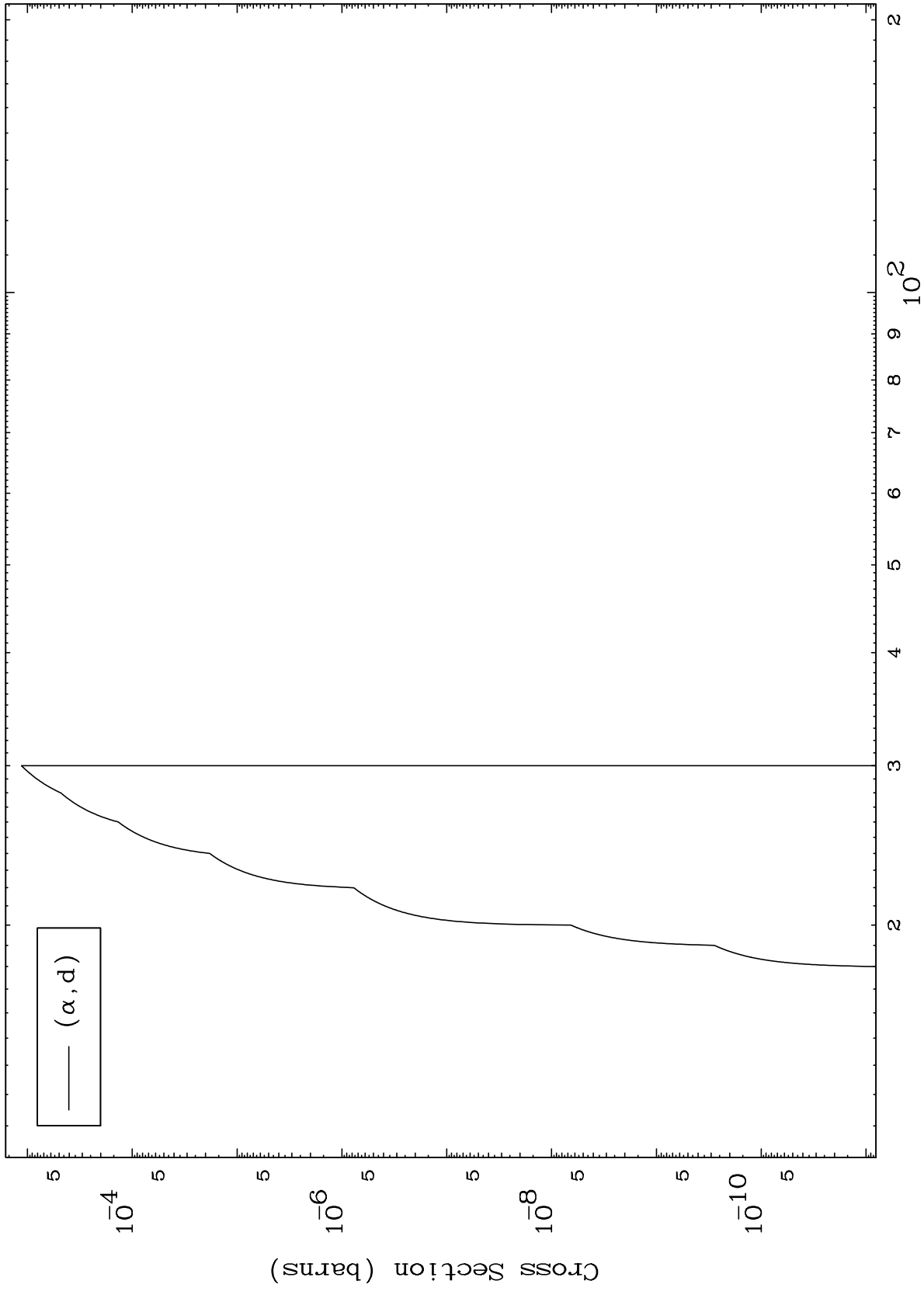
Incident Energy (MeV)

79-Au-192

MAT 7910

(α, d) Levels
0 Kelvin Cross Sections

79-Au-192



7

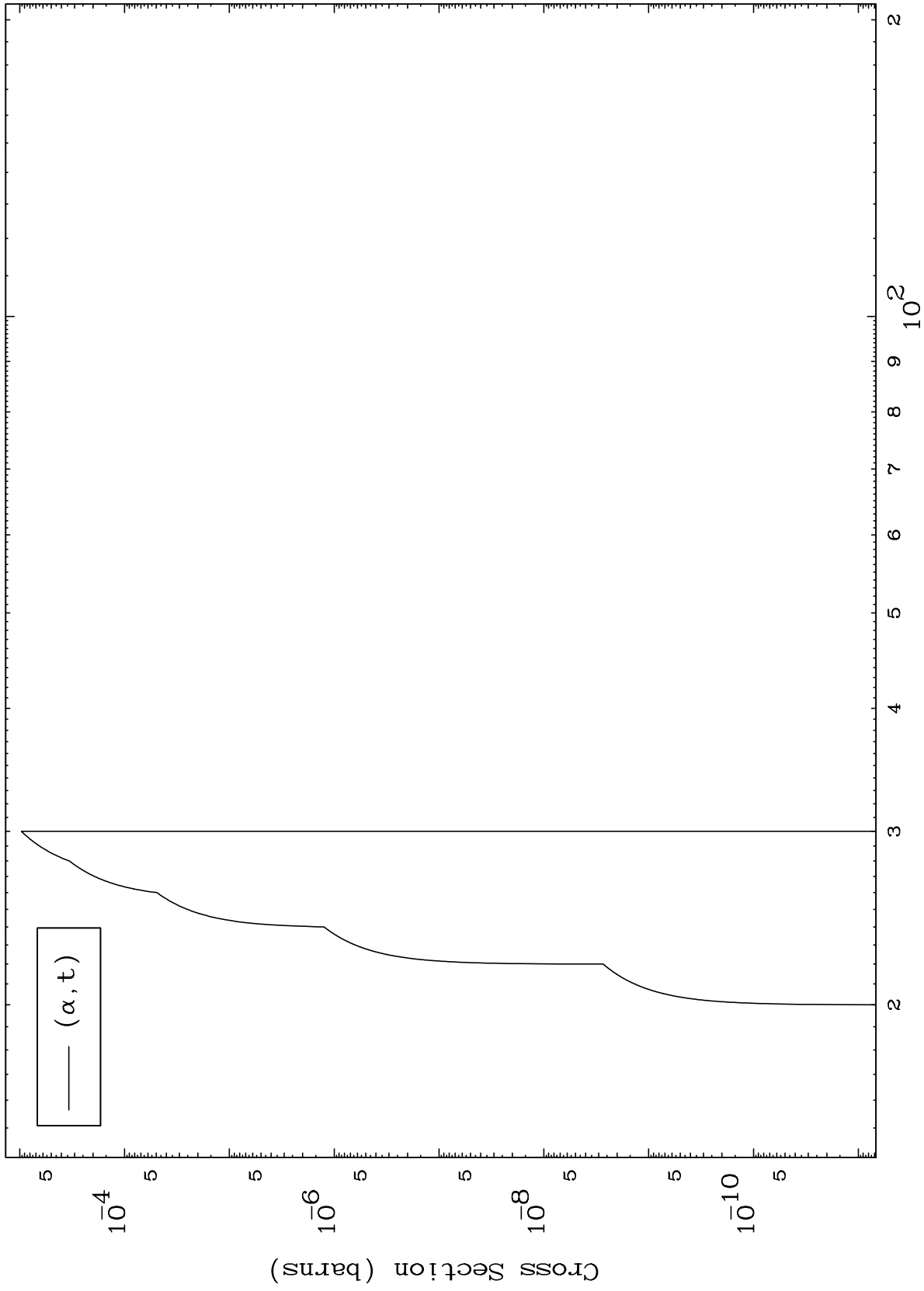
Incident Energy (MeV)

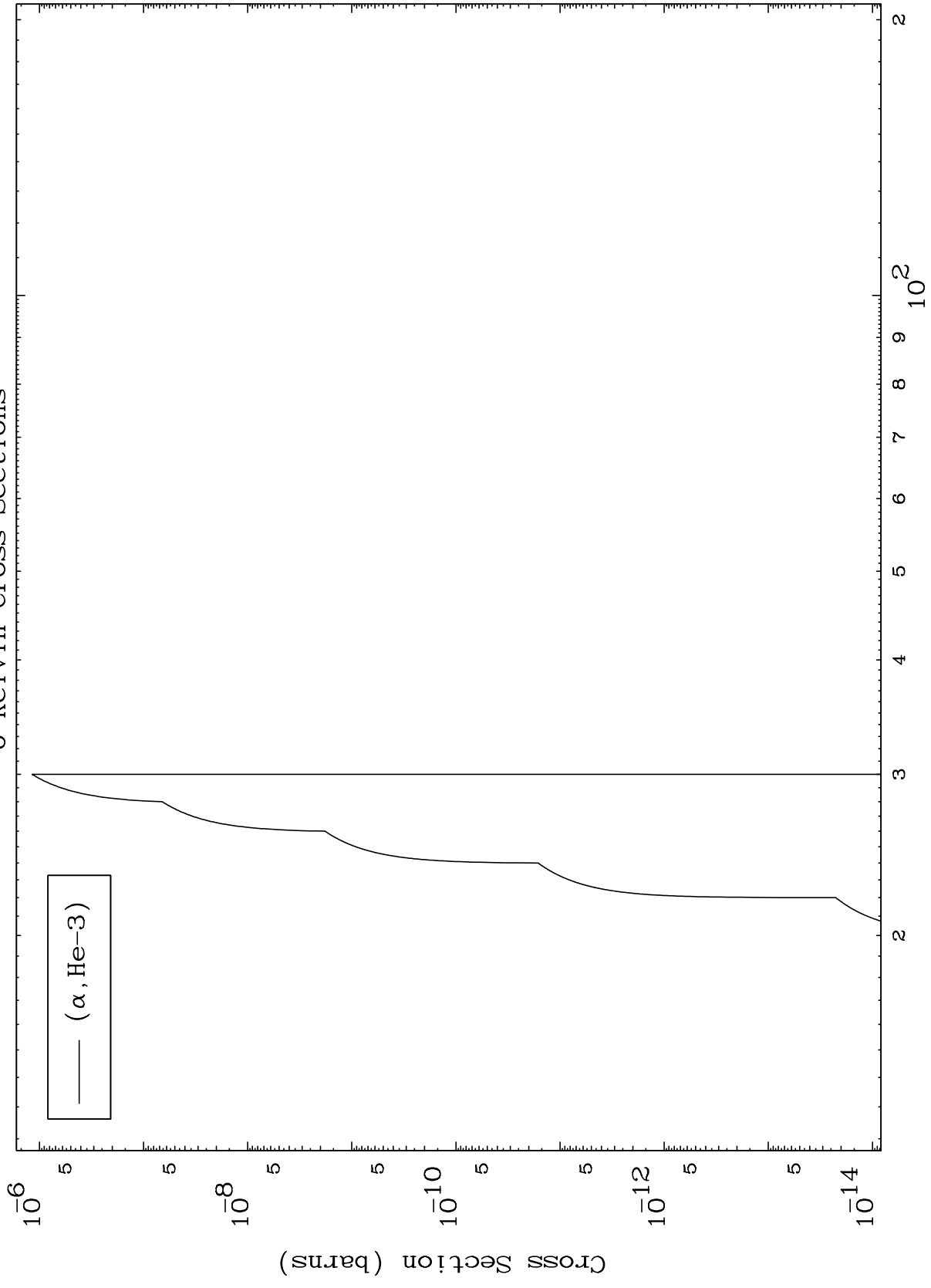
79-Au-192

MAT 7910

(α, t) Levels
0 Kelvin Cross Sections

79-Au-192

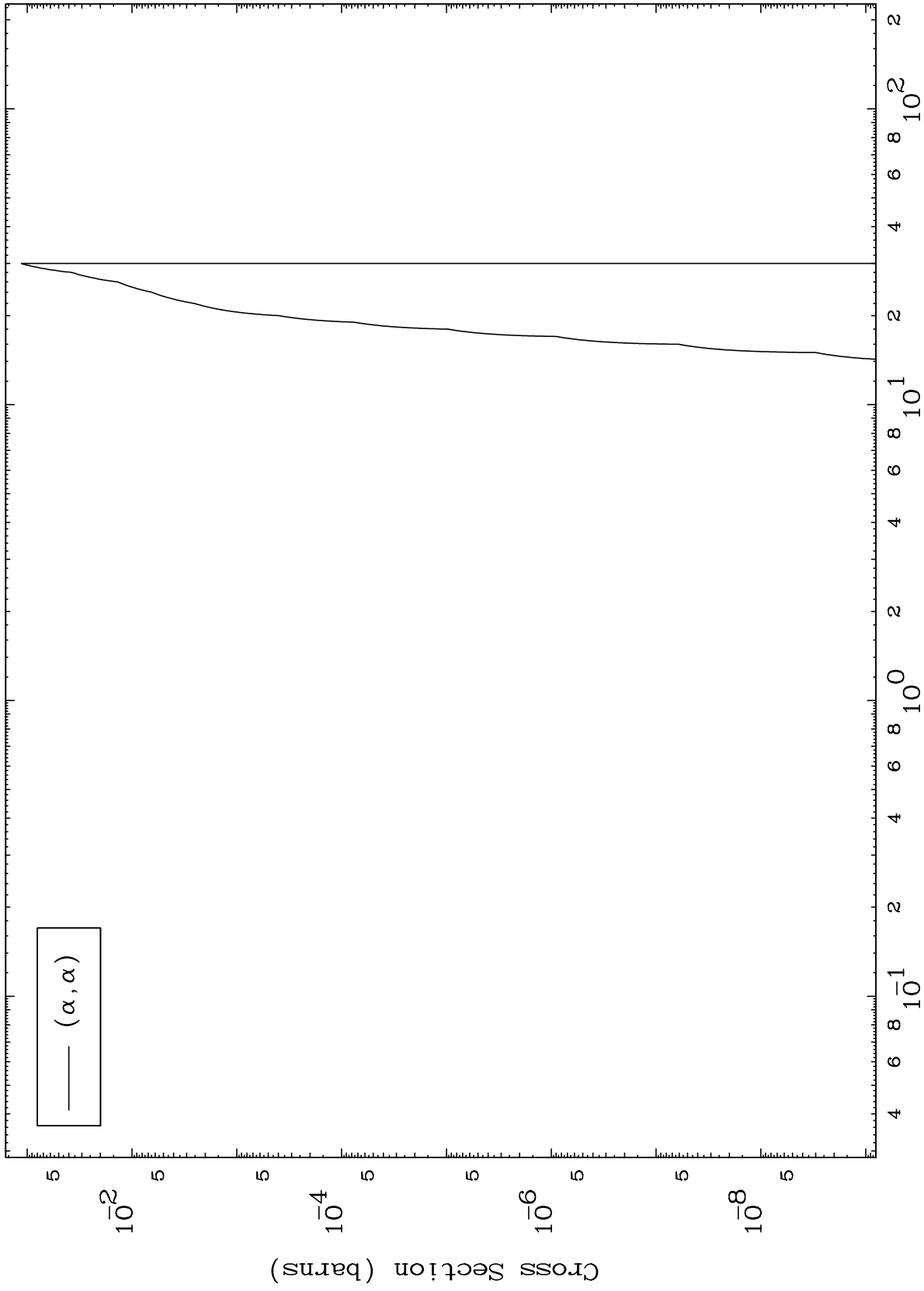




MAT 7910

(α, α) Levels
0 Kelvin Cross Sections

79-Au-192

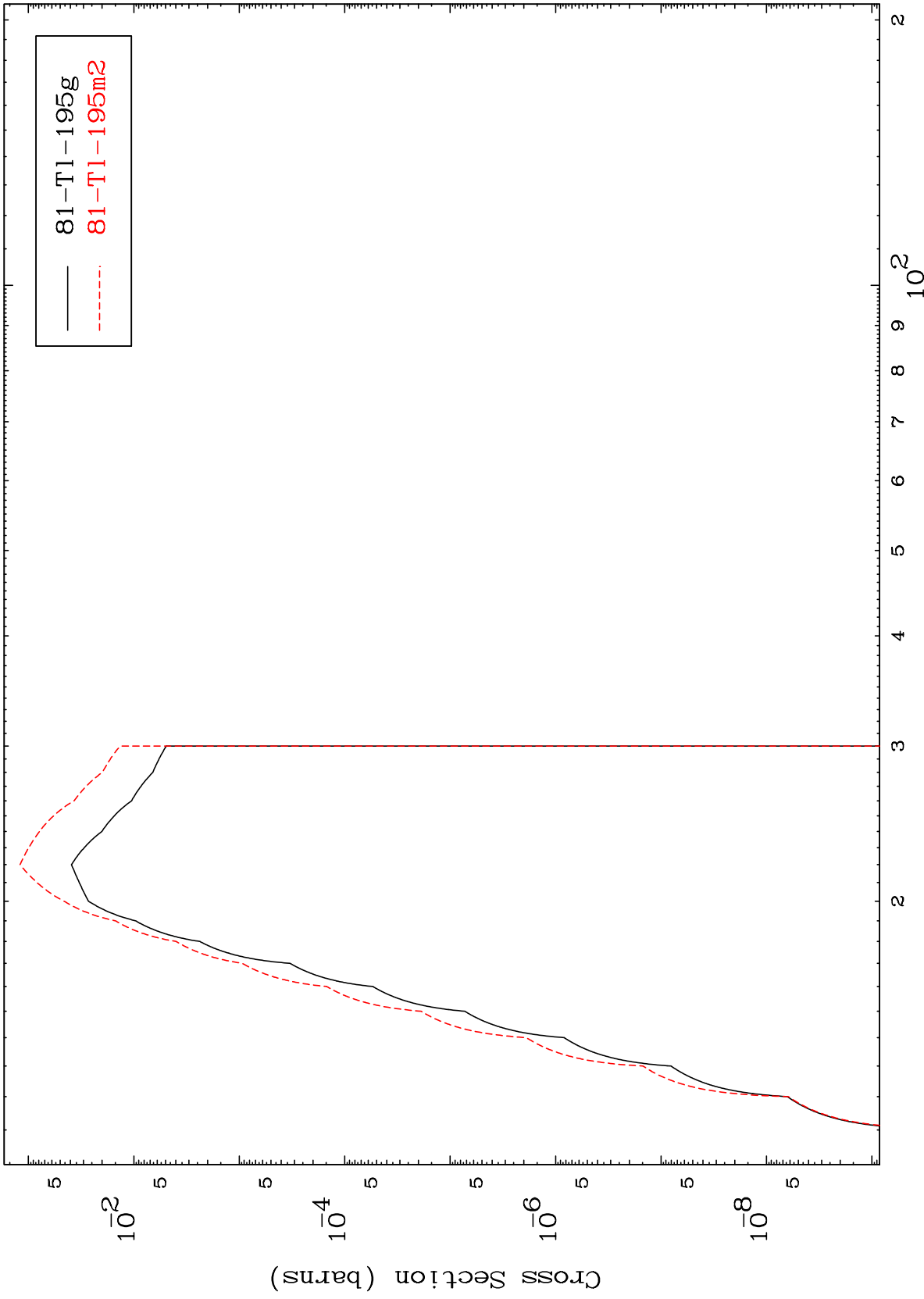


10

Incident Energy (MeV)

79-Au-192

Radionuclide Production Cross Section
 α Inelastic

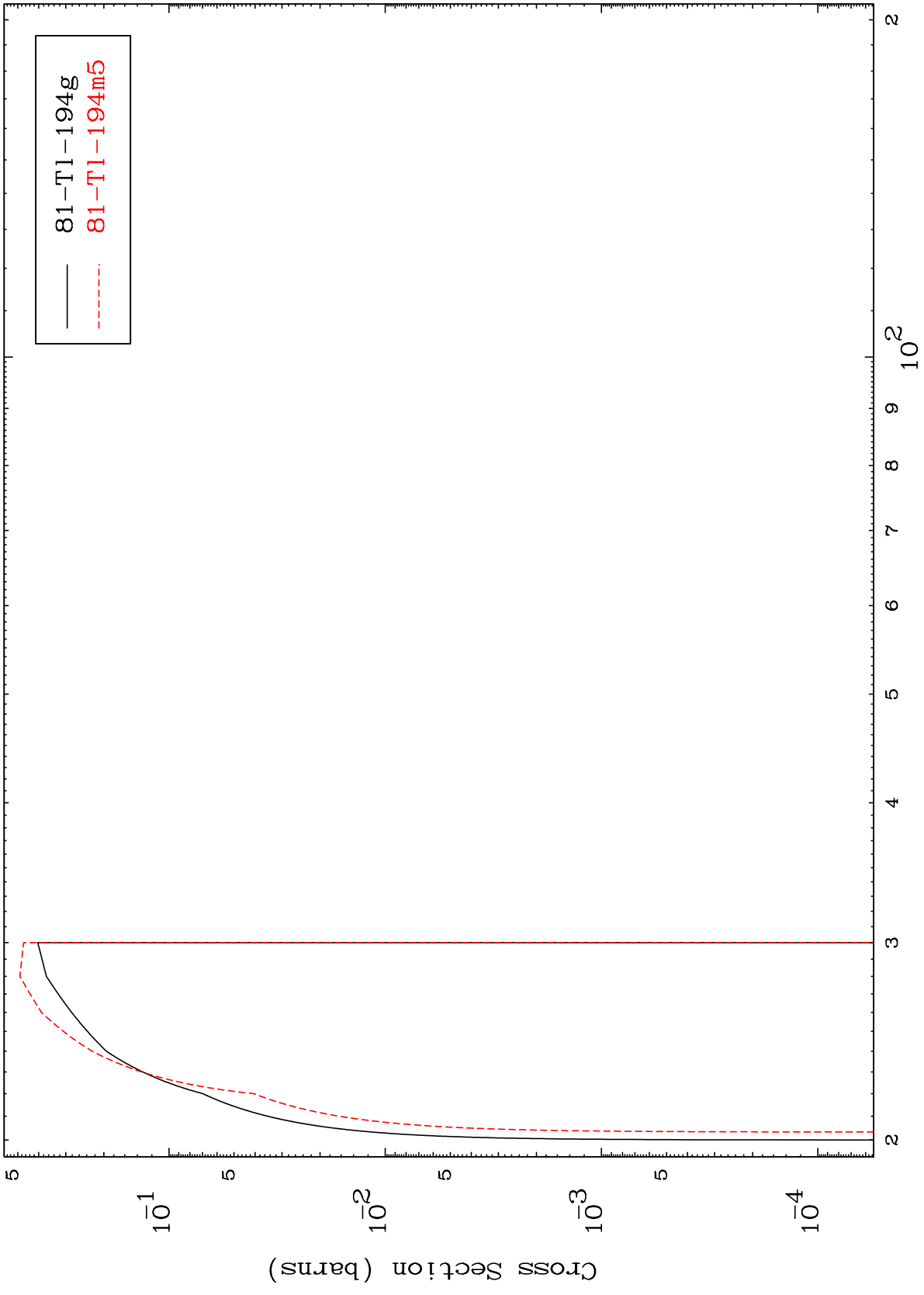


MAT 7910

($\alpha, 2n$)

79-Au-192

Radionuclide Production Cross Section



12

Incident Energy (MeV)

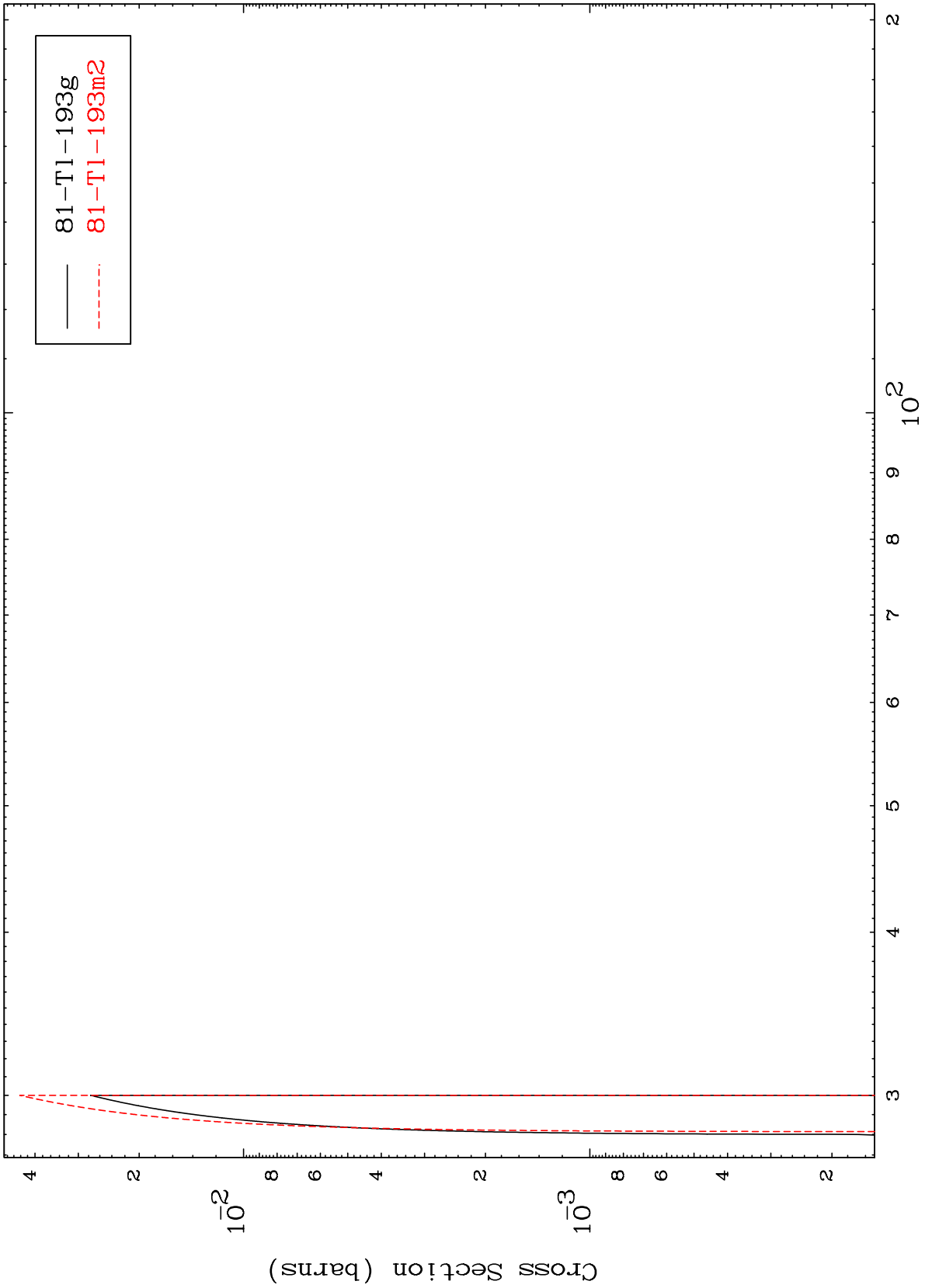
79-Au-192

MAT 7910

($\alpha, 3n$)

79-Au-192

Radionuclide Production Cross Section



13

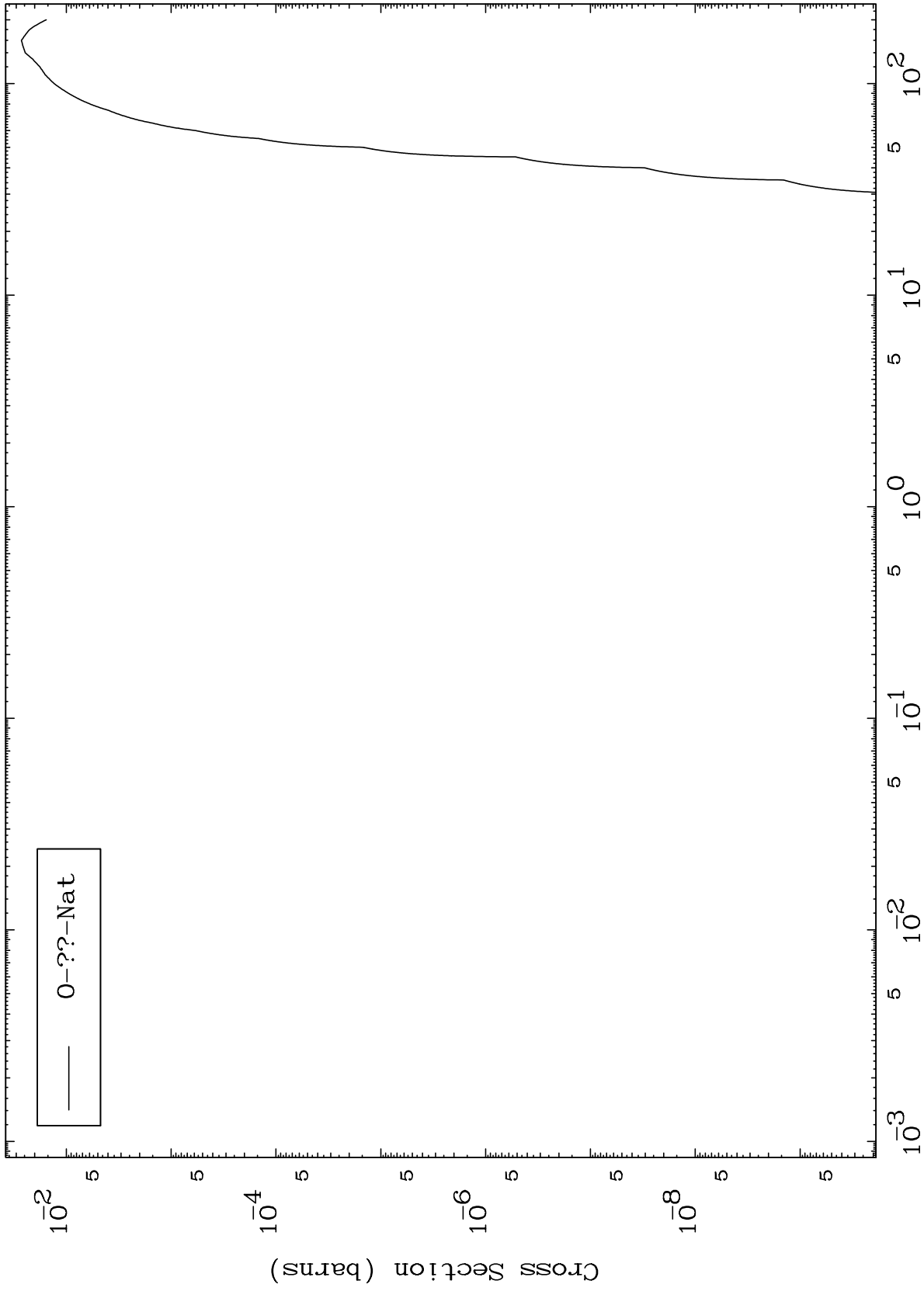
Incident Energy (MeV)

79-Au-192

MAT 7910

α Fission
Radionuclide Production Cross Section

79-Au-192



14

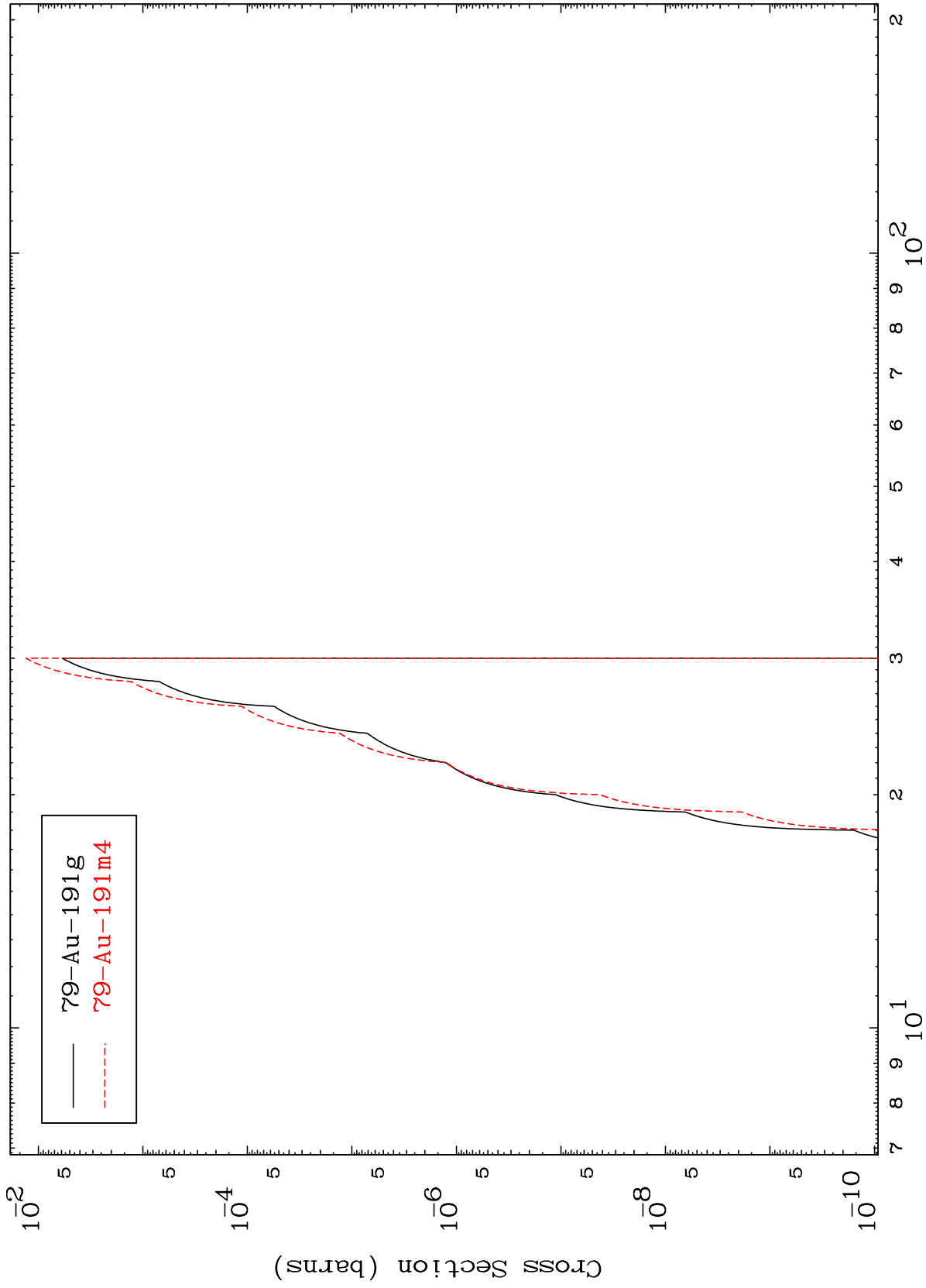
Incident Energy (MeV)

79-Au-192

MAT 7910

79-Au-192

(α, n') α
Radionuclide Production Cross Section



15

Incident Energy (MeV)

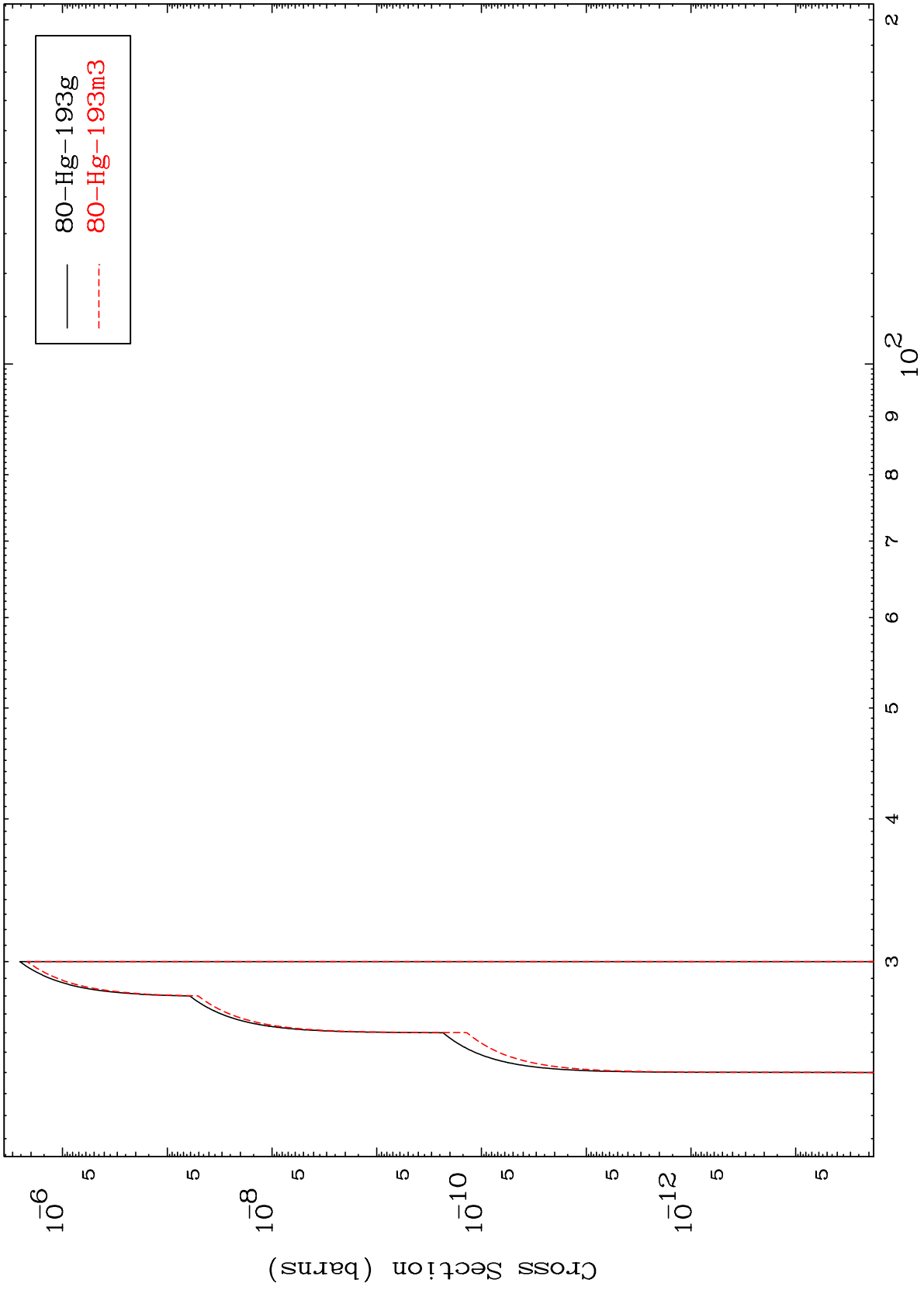
79-Au-192

MAT 7910

(α, n') d

79-Au-192

Radionuclide Production Cross Section



16

Incident Energy (MeV)

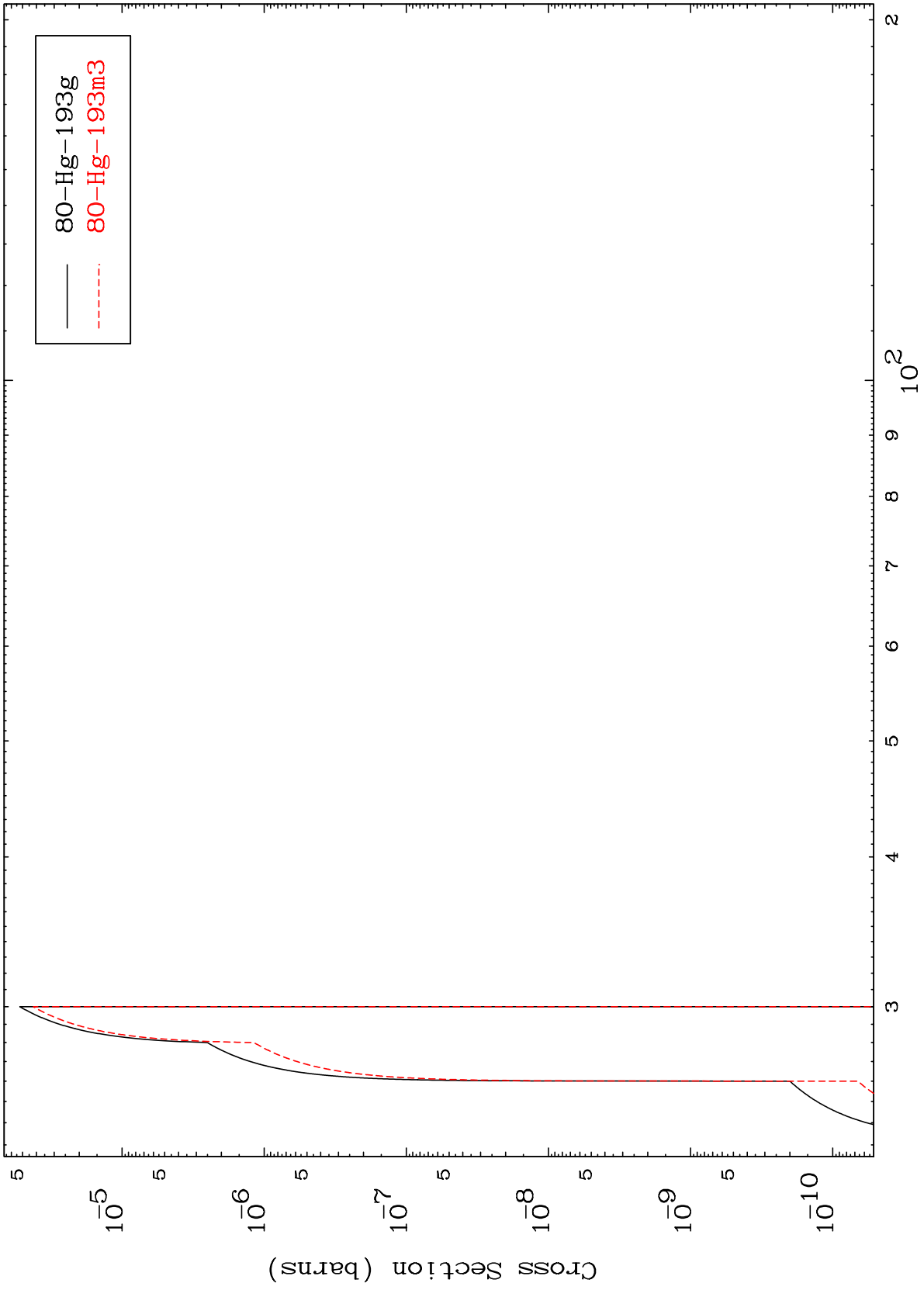
79-Au-192

MAT 7910

($\alpha, 2n$) p

79-Au-192

Radionuclide Production Cross Section



17

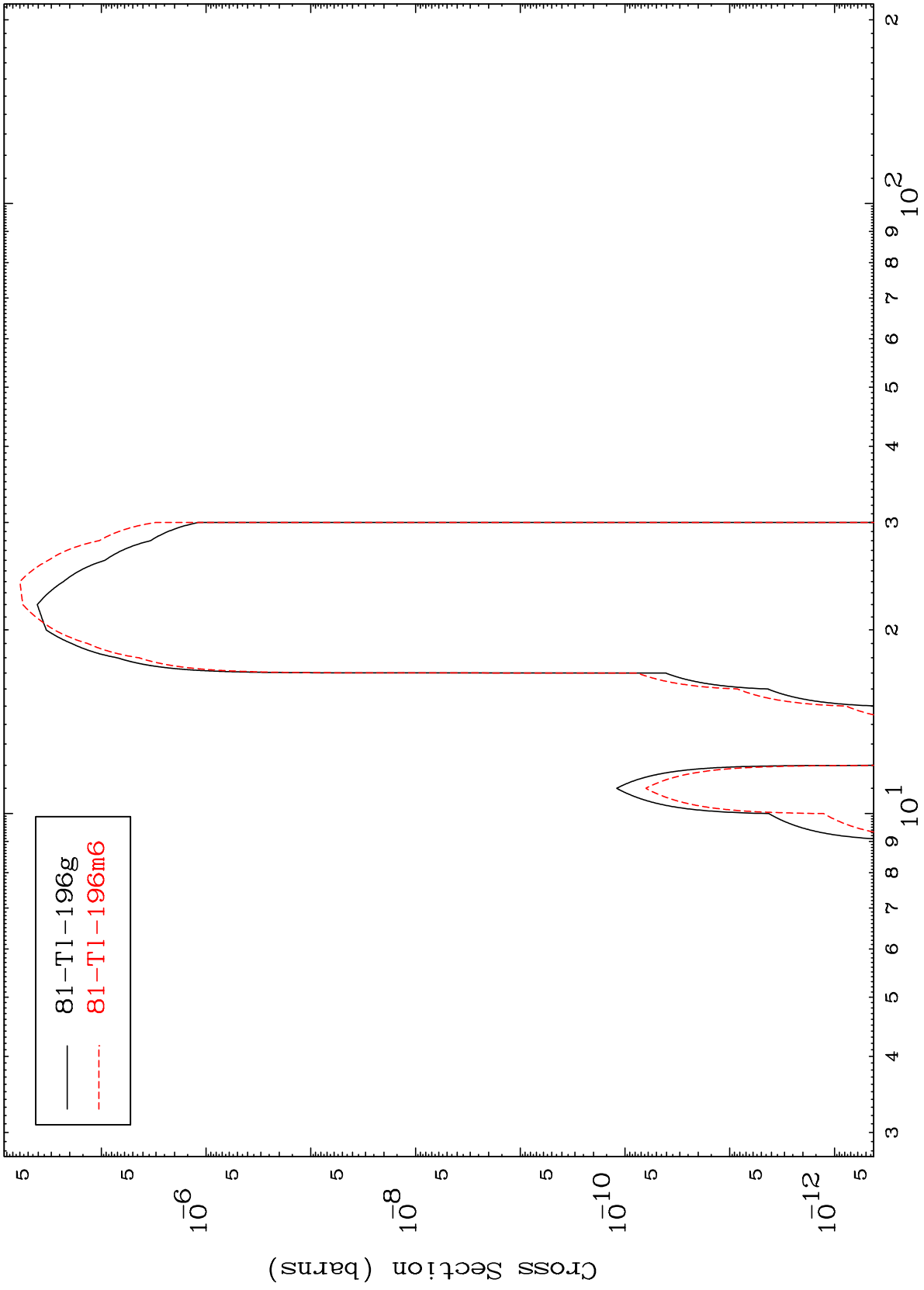
Incident Energy (MeV)

79-Au-192

MAT 7910

79-Au-192

(α, γ)
Radionuclide Production Cross Section



18

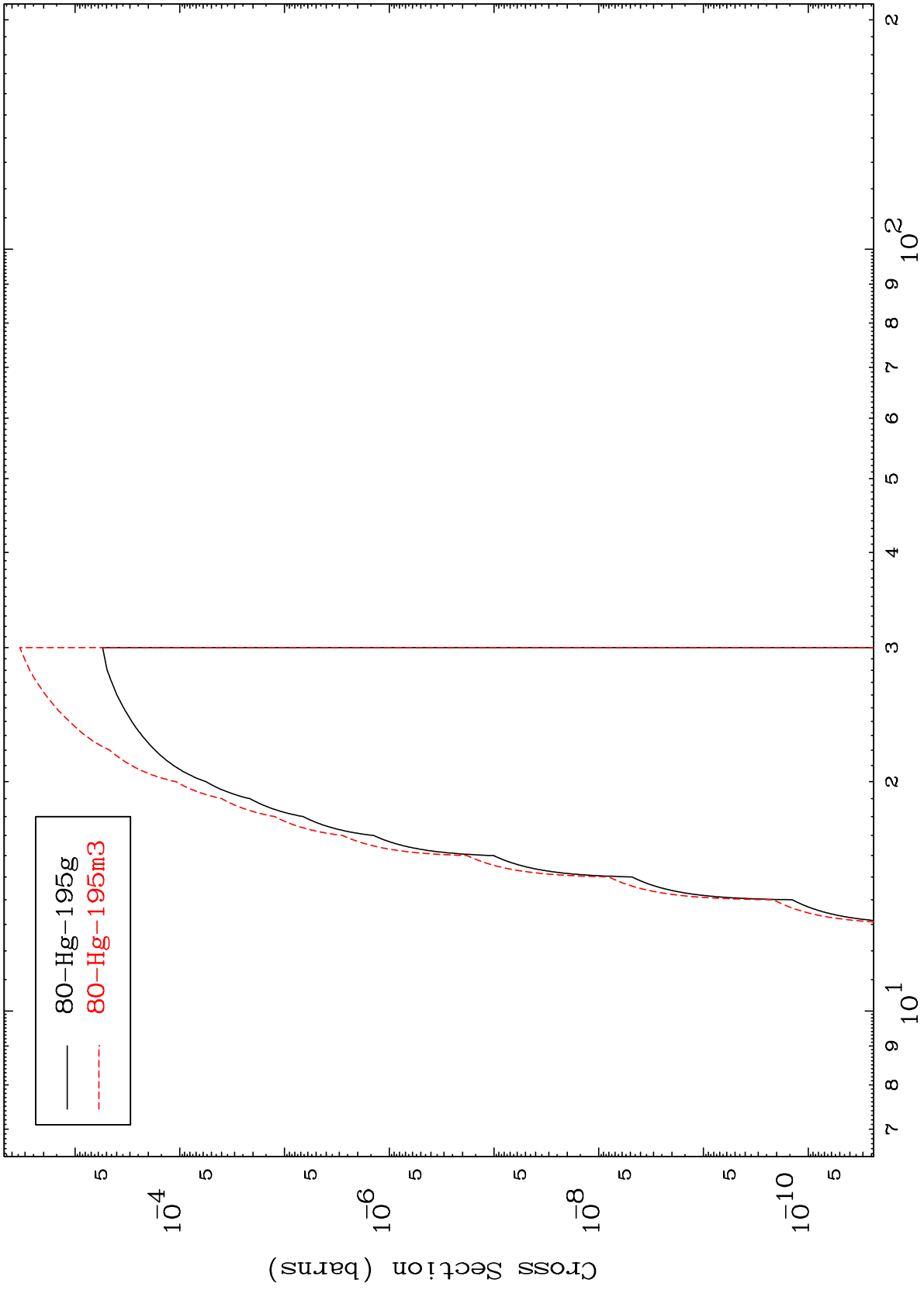
Incident Energy (MeV)

79-Au-192

MAT 7910

79-Au-192

(α, p)
Radionuclide Production Cross Section



19

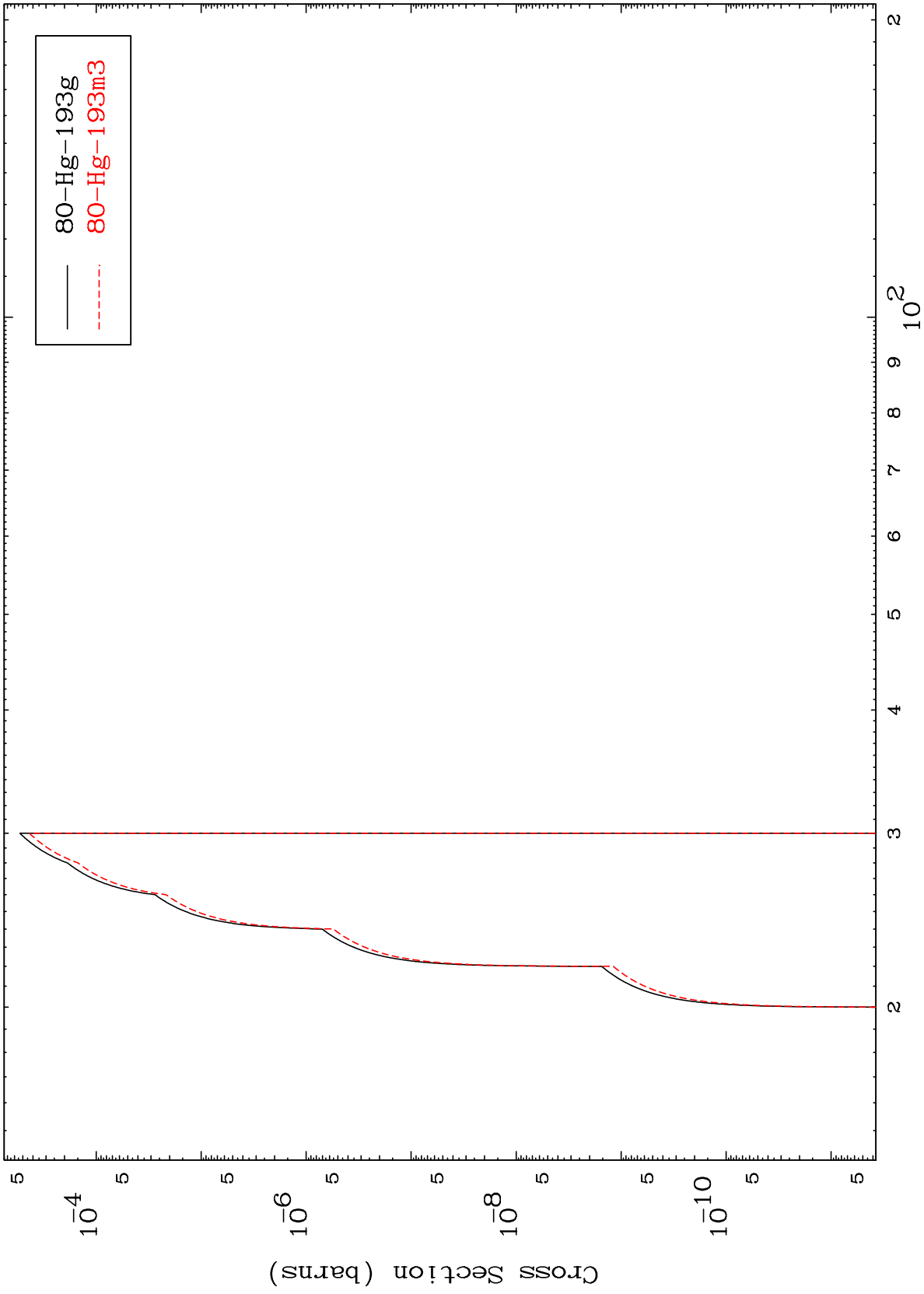
Incident Energy (MeV)

79-Au-192

MAT 7910

79-Au-192

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

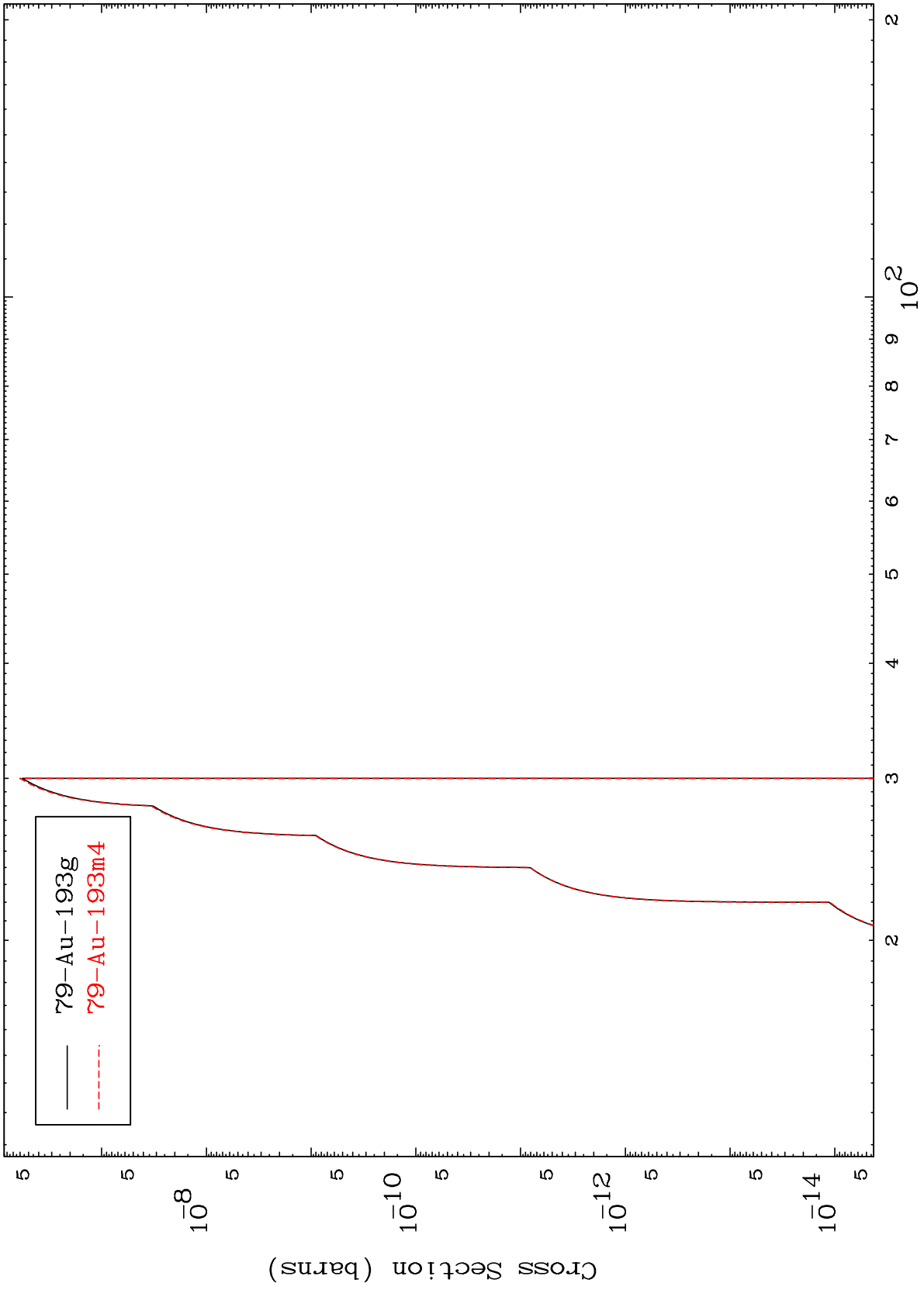
79-Au-192

MAT 7910

($\alpha, \text{He-3}$)

79-Au-192

Radionuclide Production Cross Section



21

79-Au-192

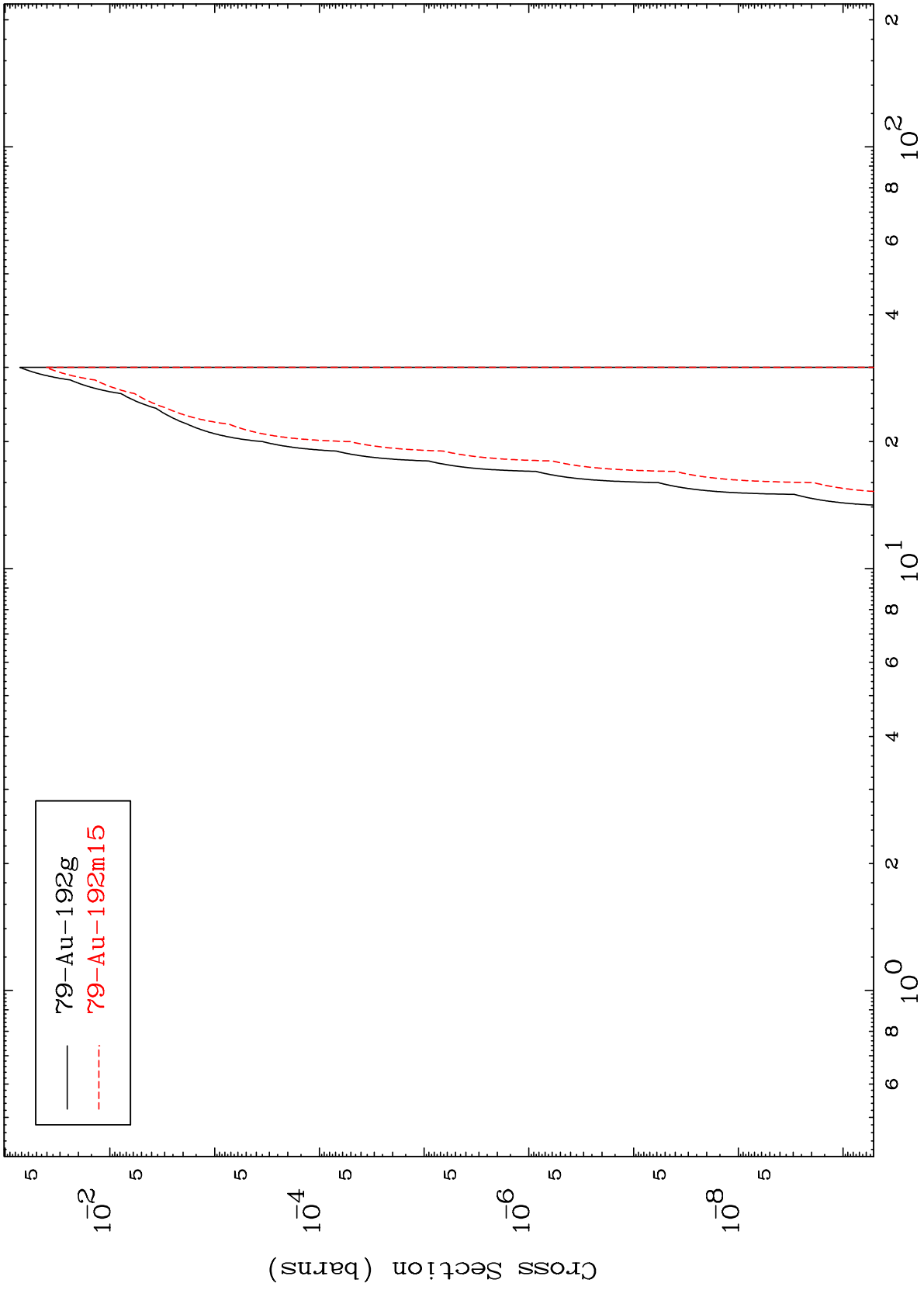
79-Au-192

MAT 7910

(α, α)

⁷⁹Au-192

Radionuclide Production Cross Section



22

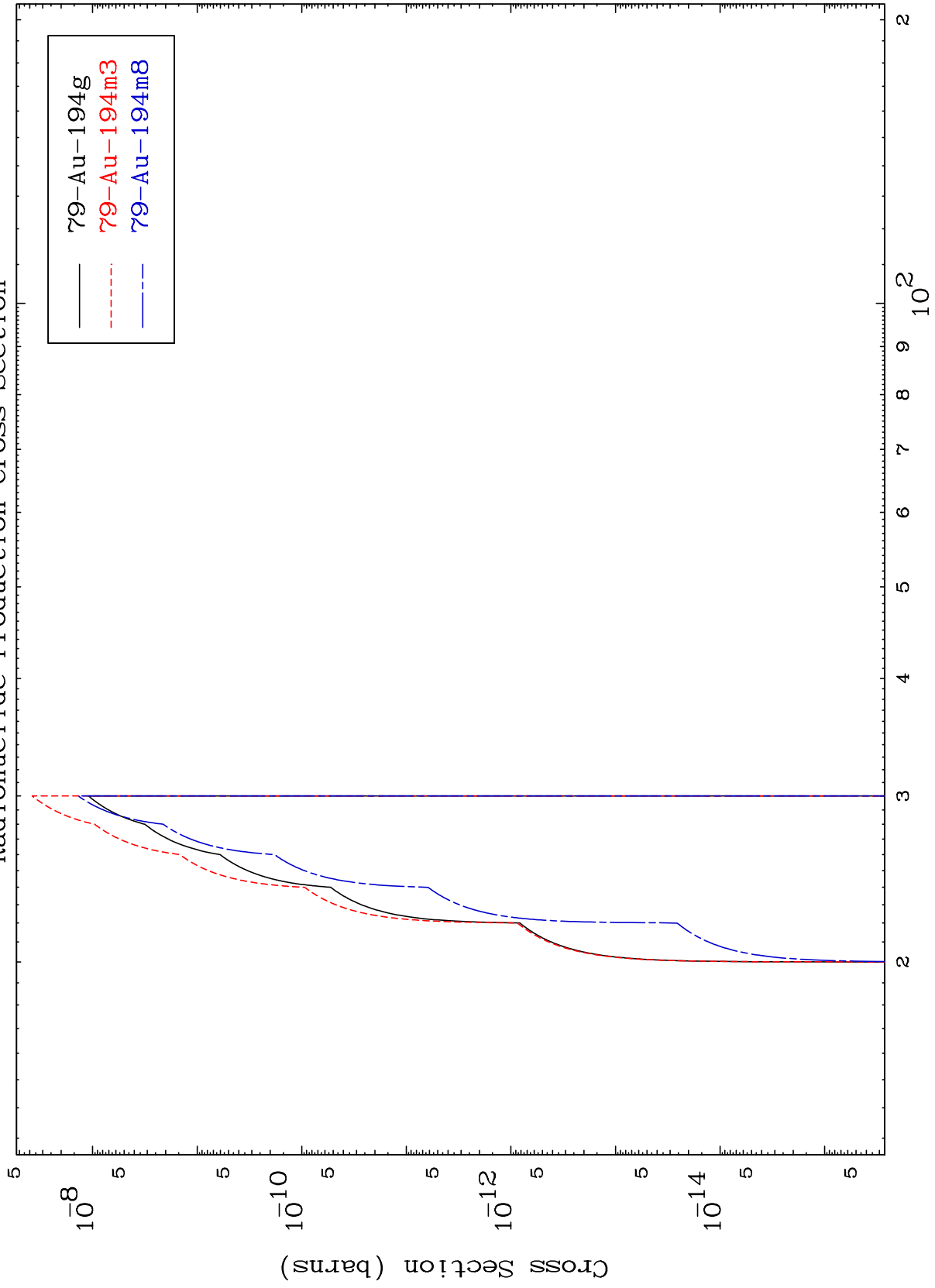
Incident Energy (MeV)

⁷⁹Au-192

MAT 7910

79-Au-192

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



23

79-Au-192

Incident Energy (MeV)