

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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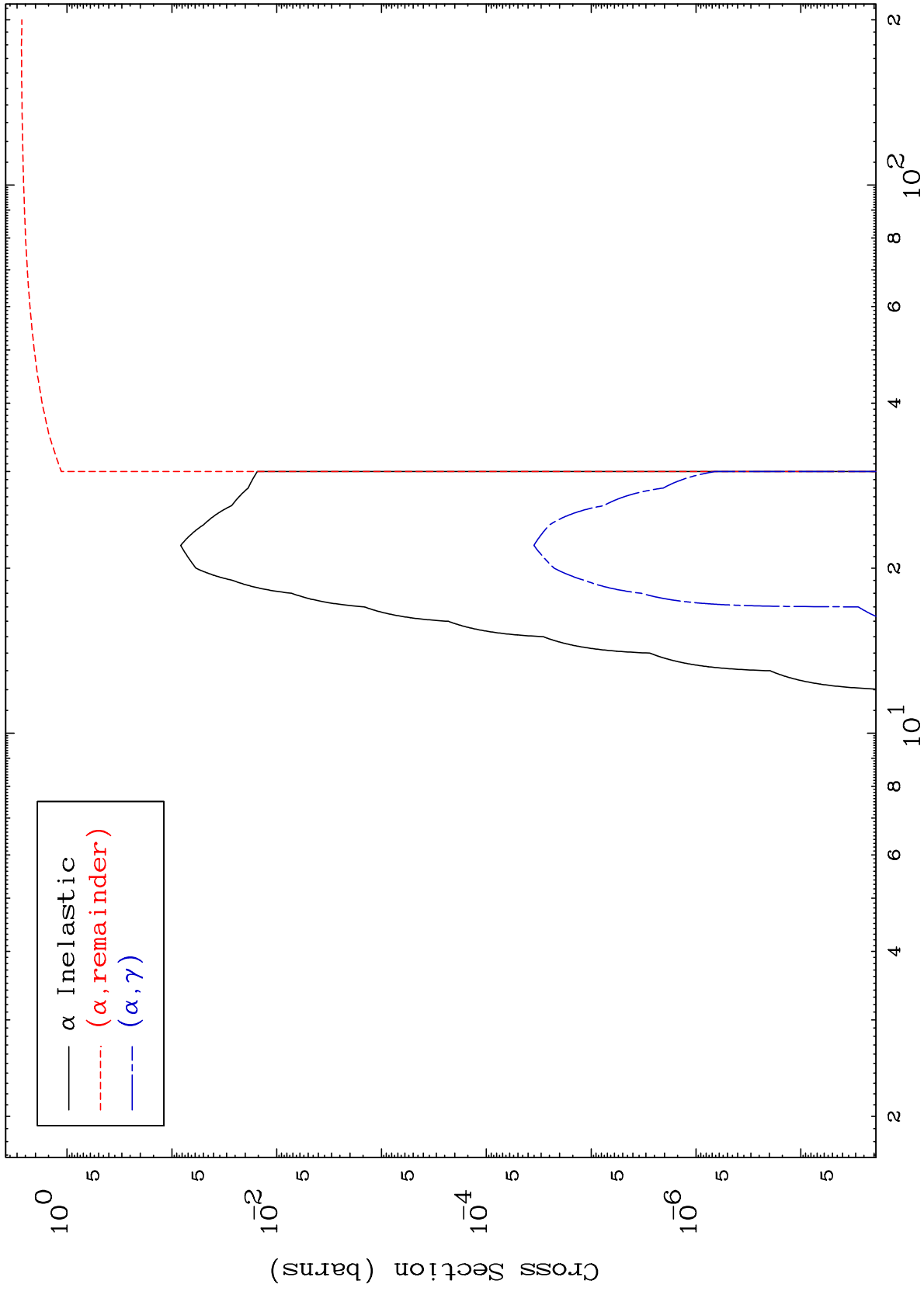
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7920

0 Kelvin α Major

79-Au-195



1

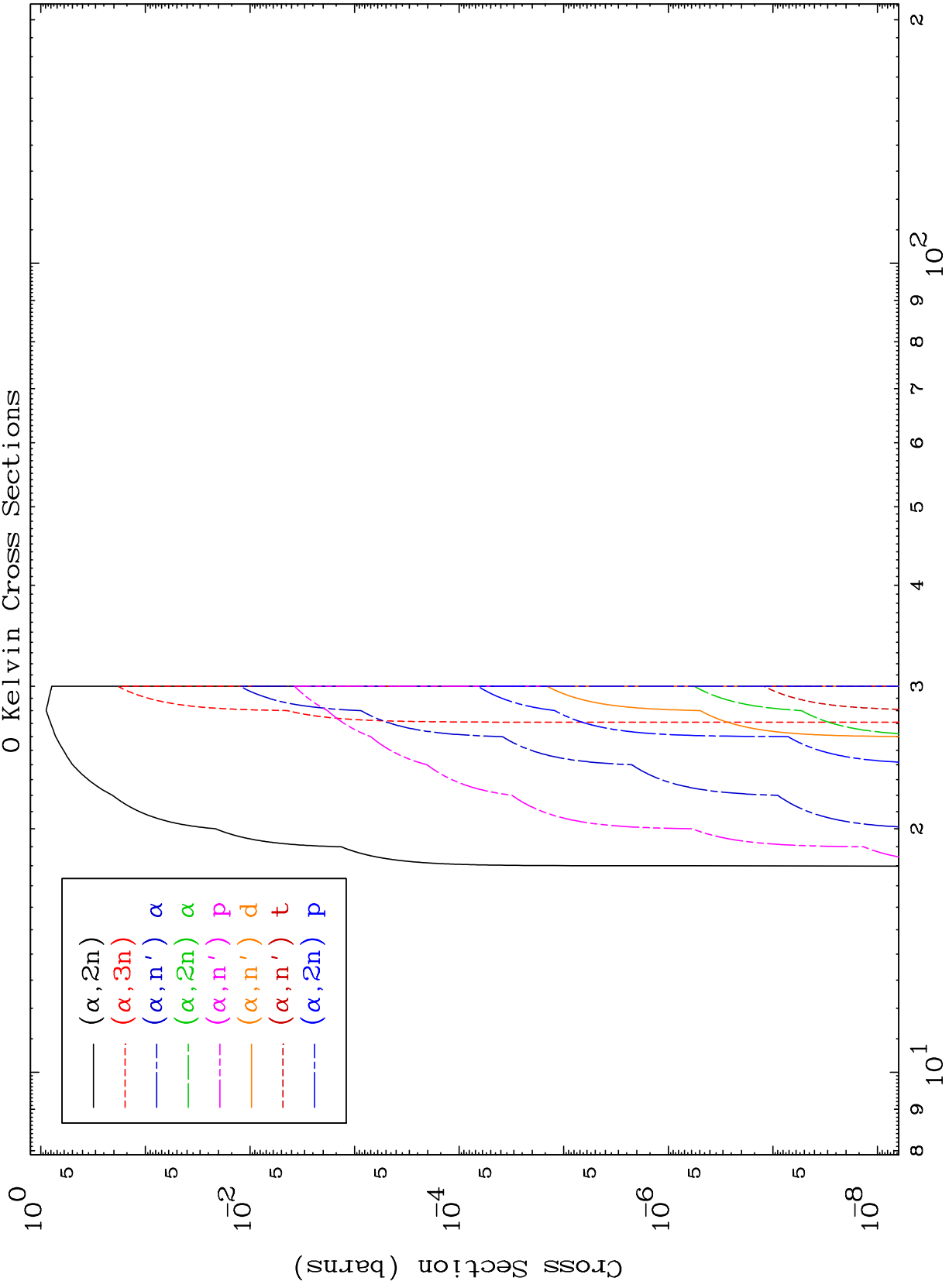
Incident Energy (MeV)

79-Au-195

MAT 7920

α Neutron Production
0 Kelvin Cross Sections

79-Au-195



2

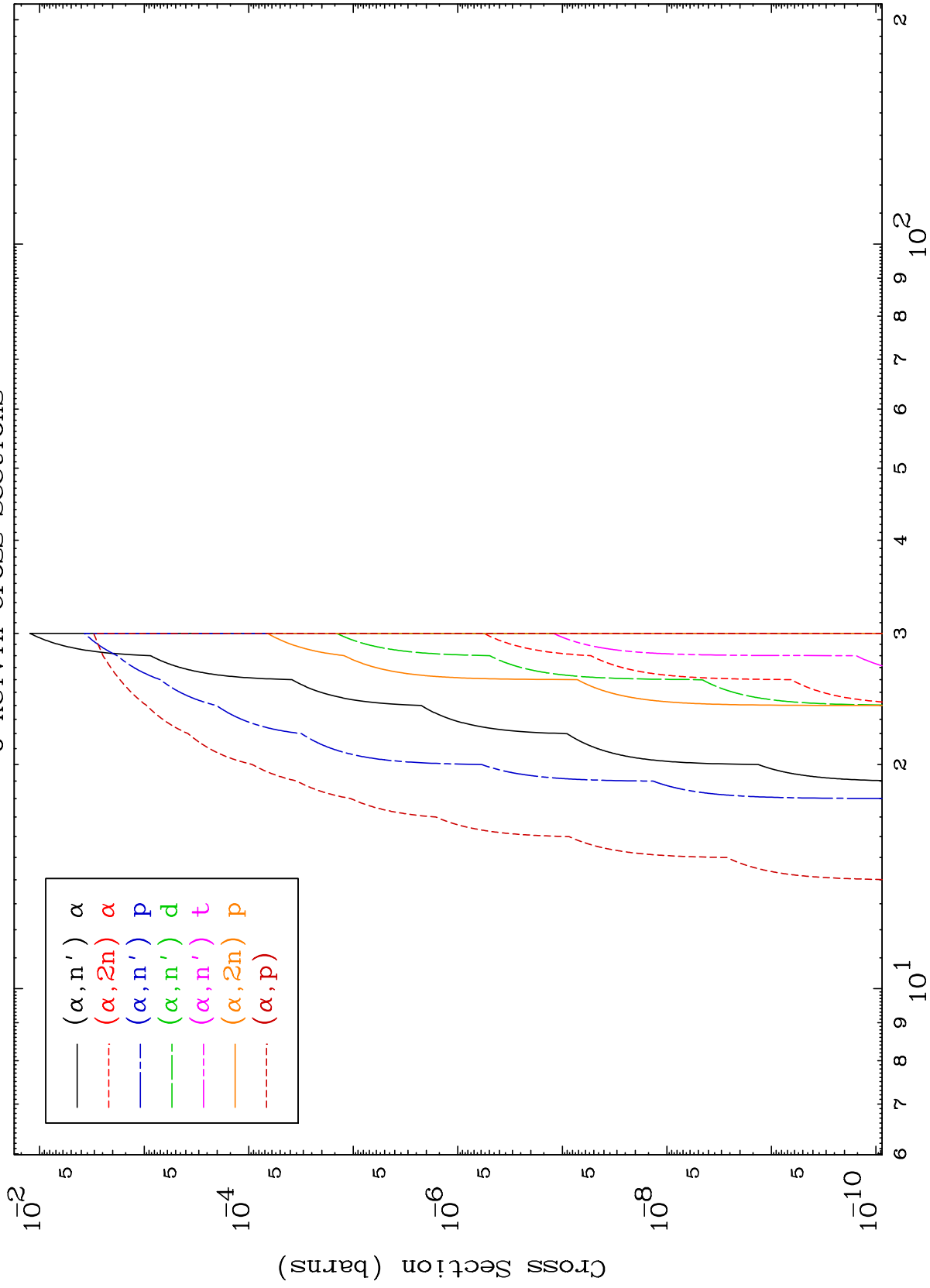
Incident Energy (MeV)

79-Au-195

MAT 7920

α Charged Particle
0 Kelvin Cross Sections

79-Au-195



3

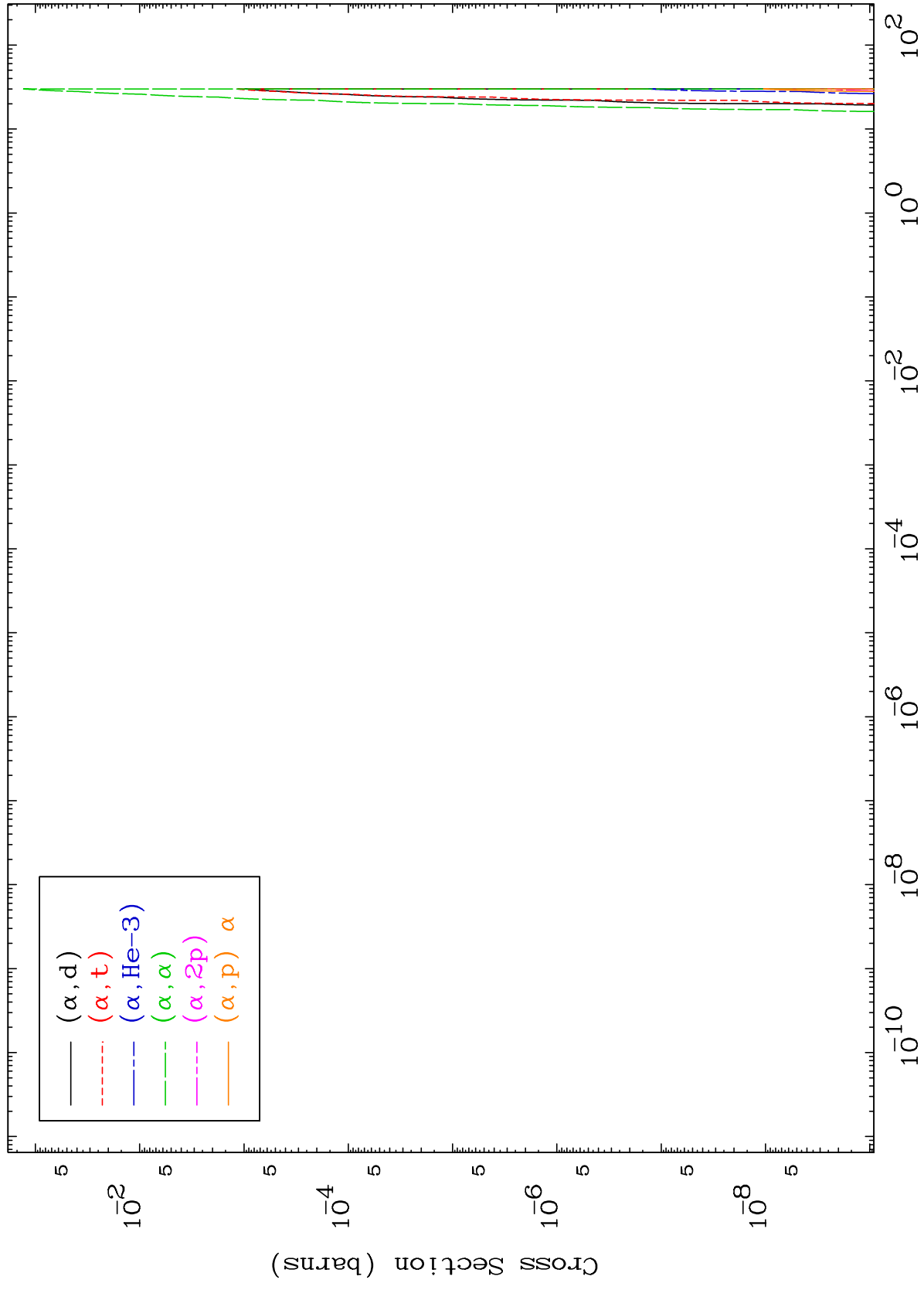
Incident Energy (MeV)

79-Au-195

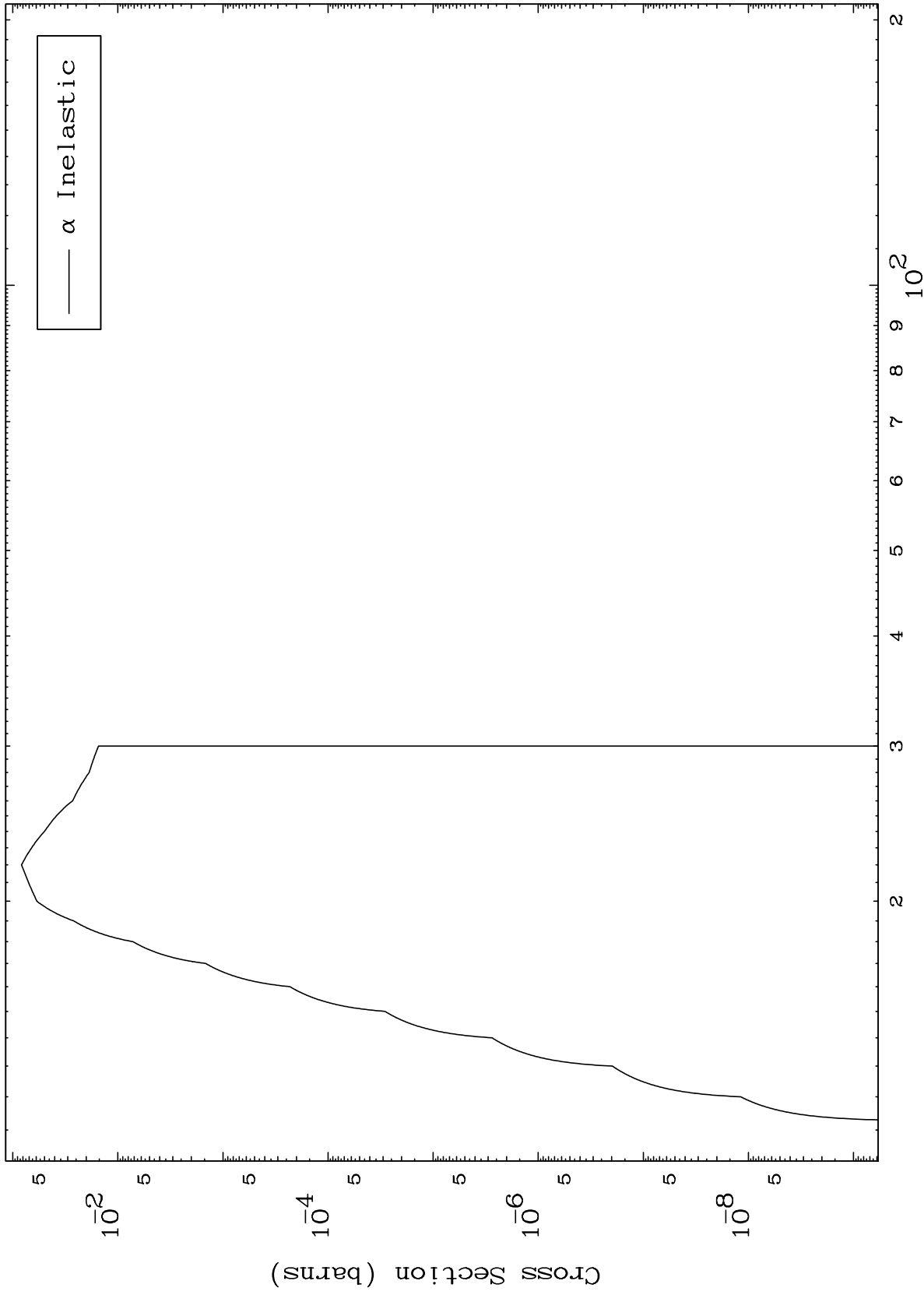
MAT 7920

α Charged Particle
0 Kelvin Cross Sections

79-Au-195



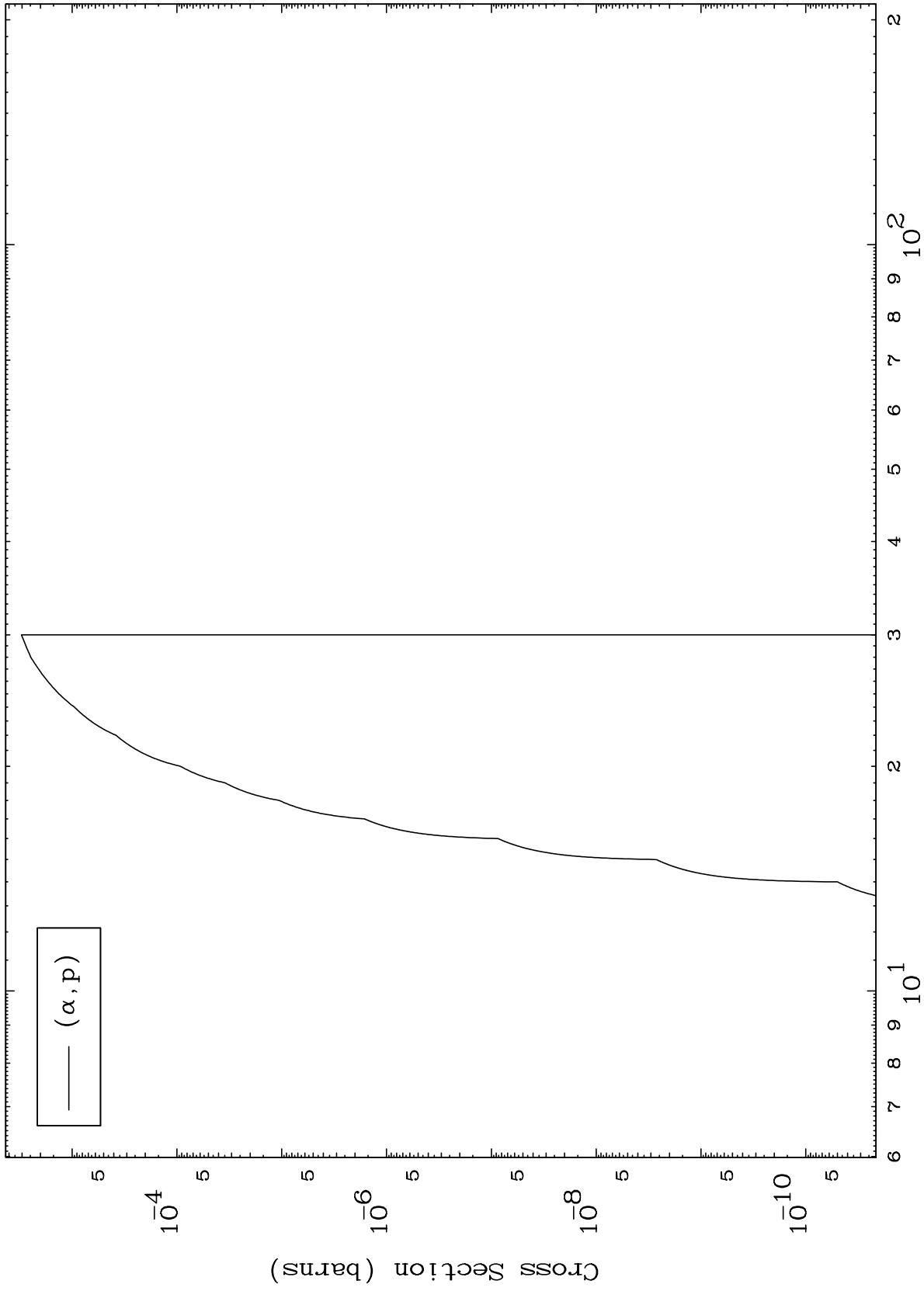
79-Au-195



MAT 7920

(α, p) Levels
0 Kelvin Cross Sections

79-Au-195



6

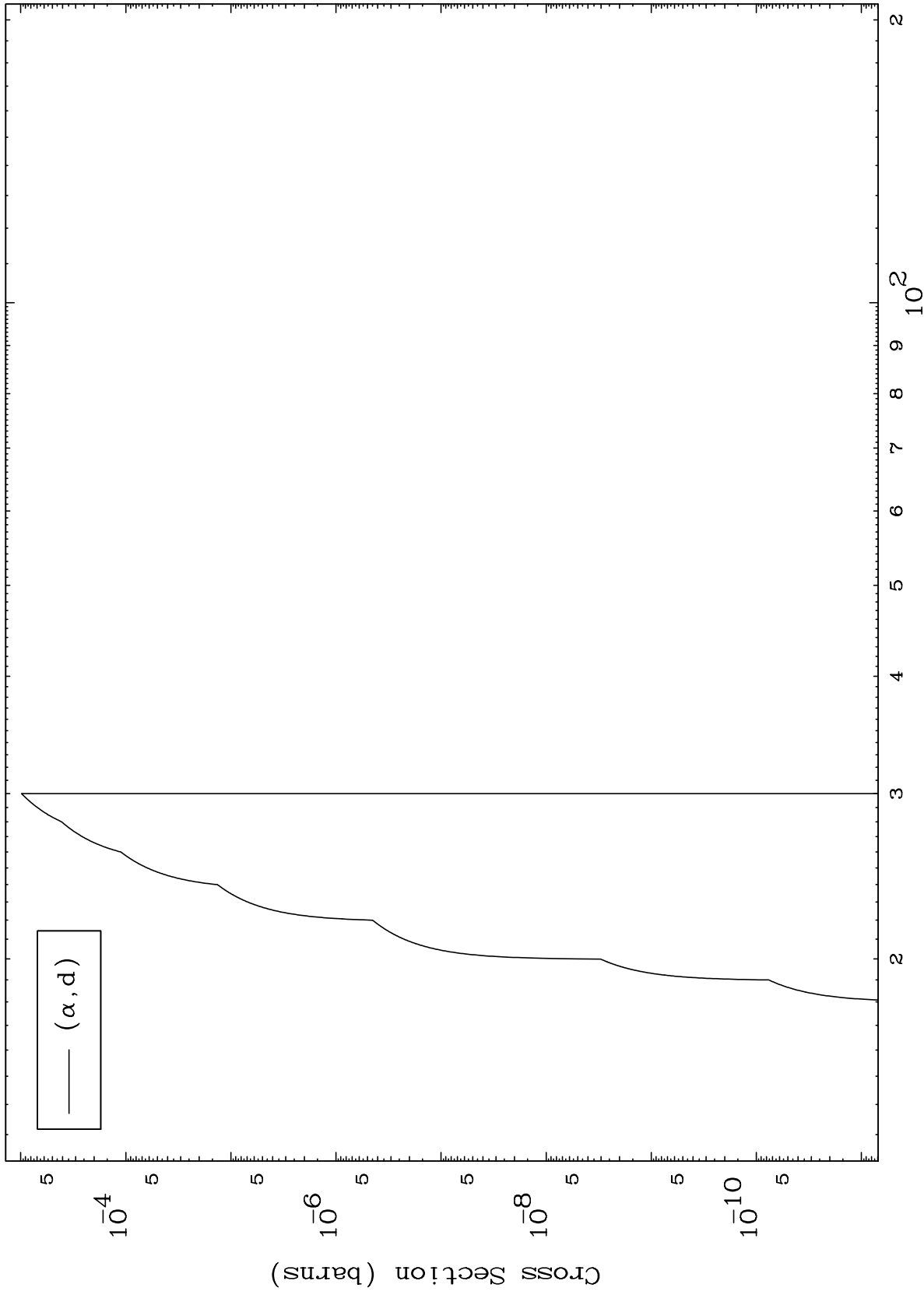
Incident Energy (MeV)

79-Au-195

MAT 7920

(α, d) Levels
0 Kelvin Cross Sections

79-Au-195



7

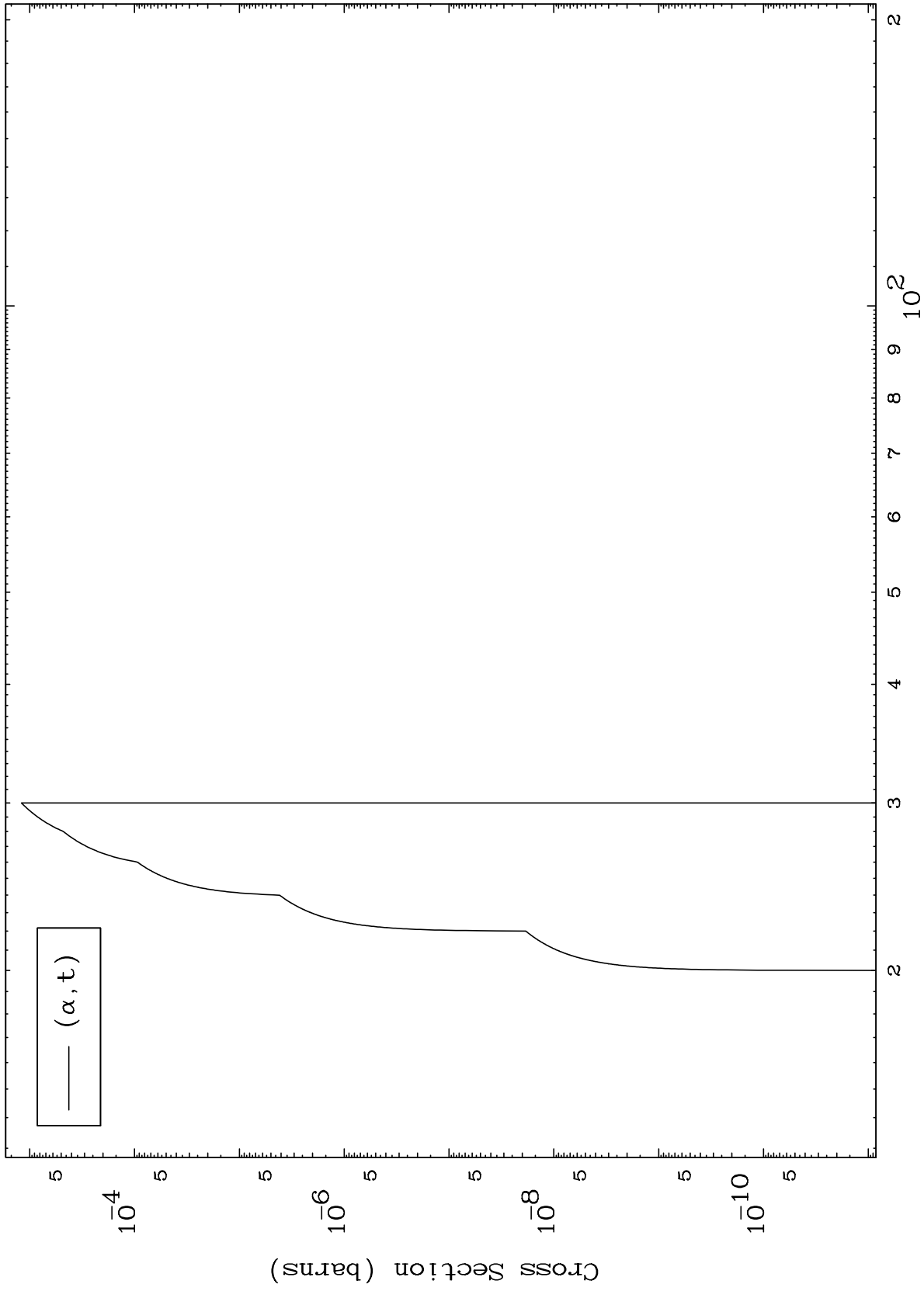
Incident Energy (MeV)

79-Au-195

MAT 7920

(α, t) Levels
0 Kelvin Cross Sections

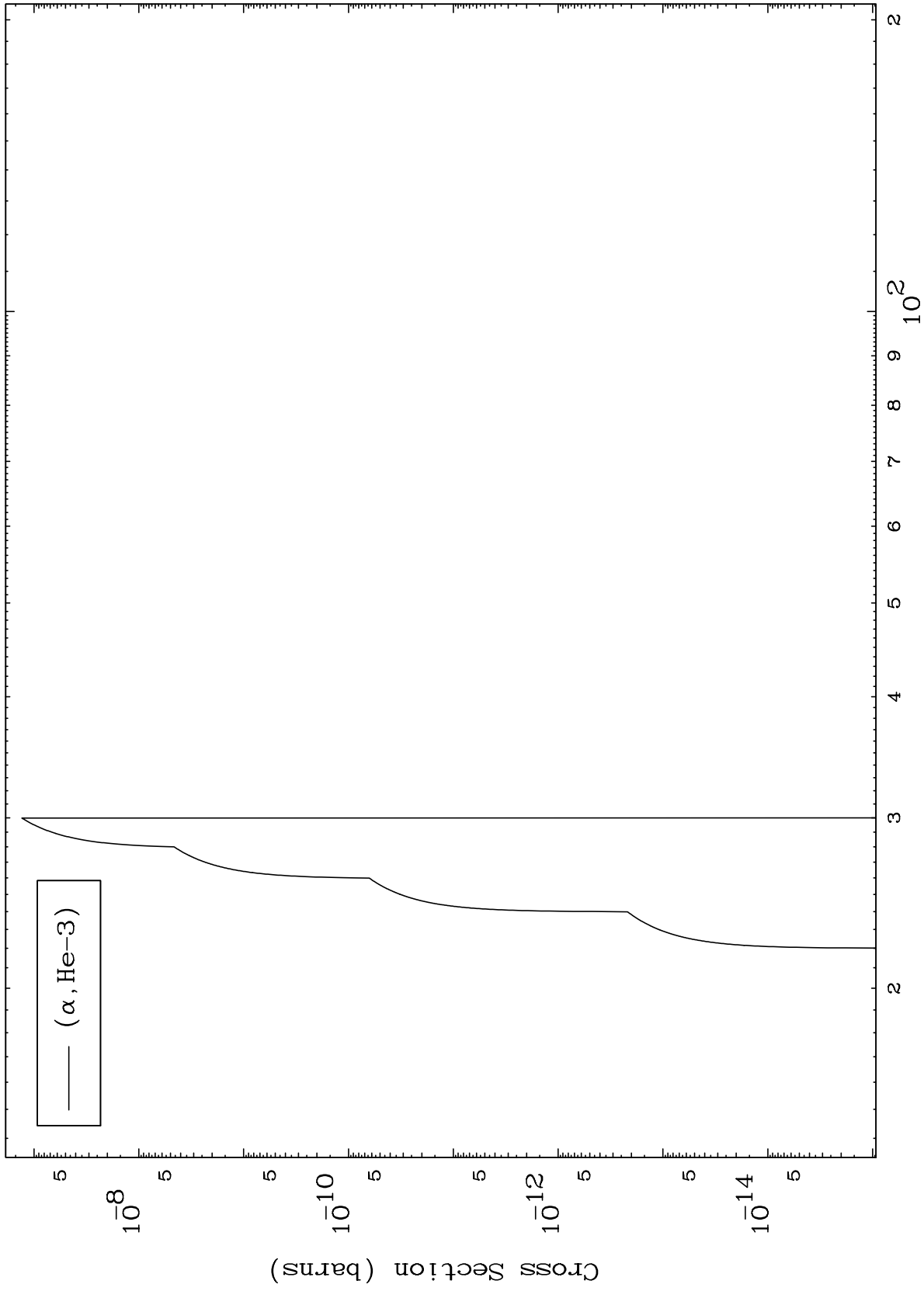
79-Au-195



8

Incident Energy (MeV)

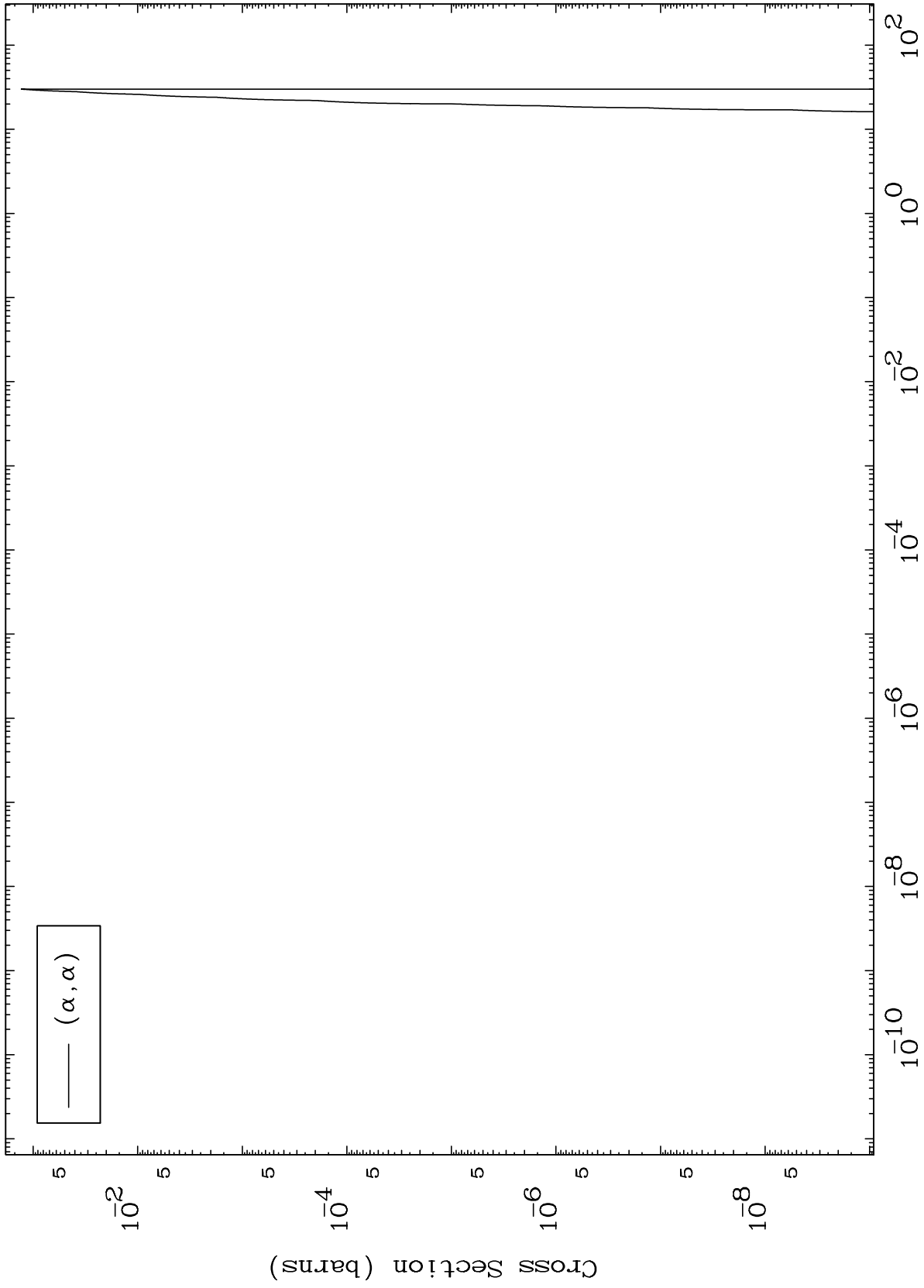
79-Au-195



MAT 7920

(α, α) Levels
0 Kelvin Cross Sections

79-Au-195

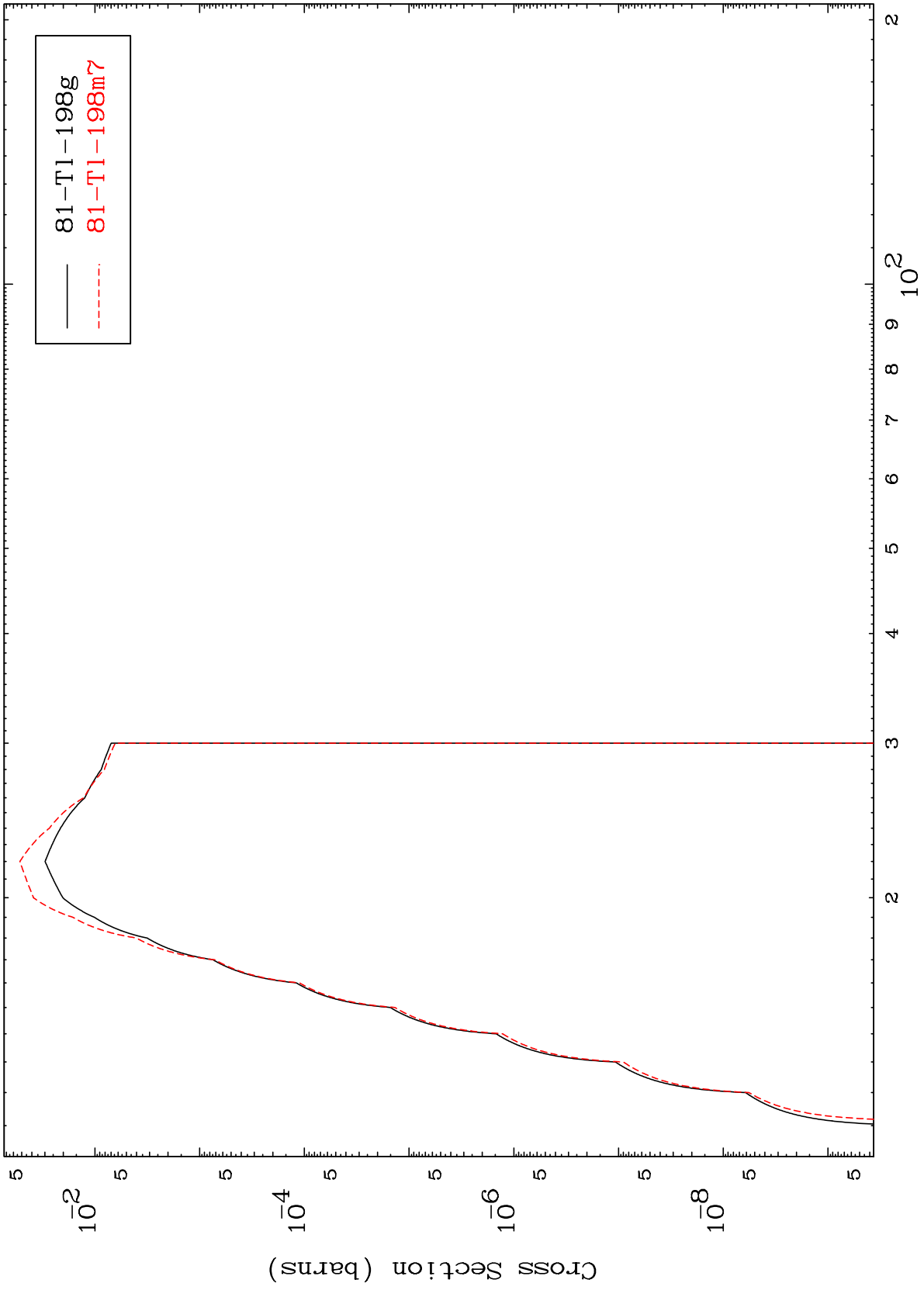


10

Incident Energy (MeV)

79-Au-195

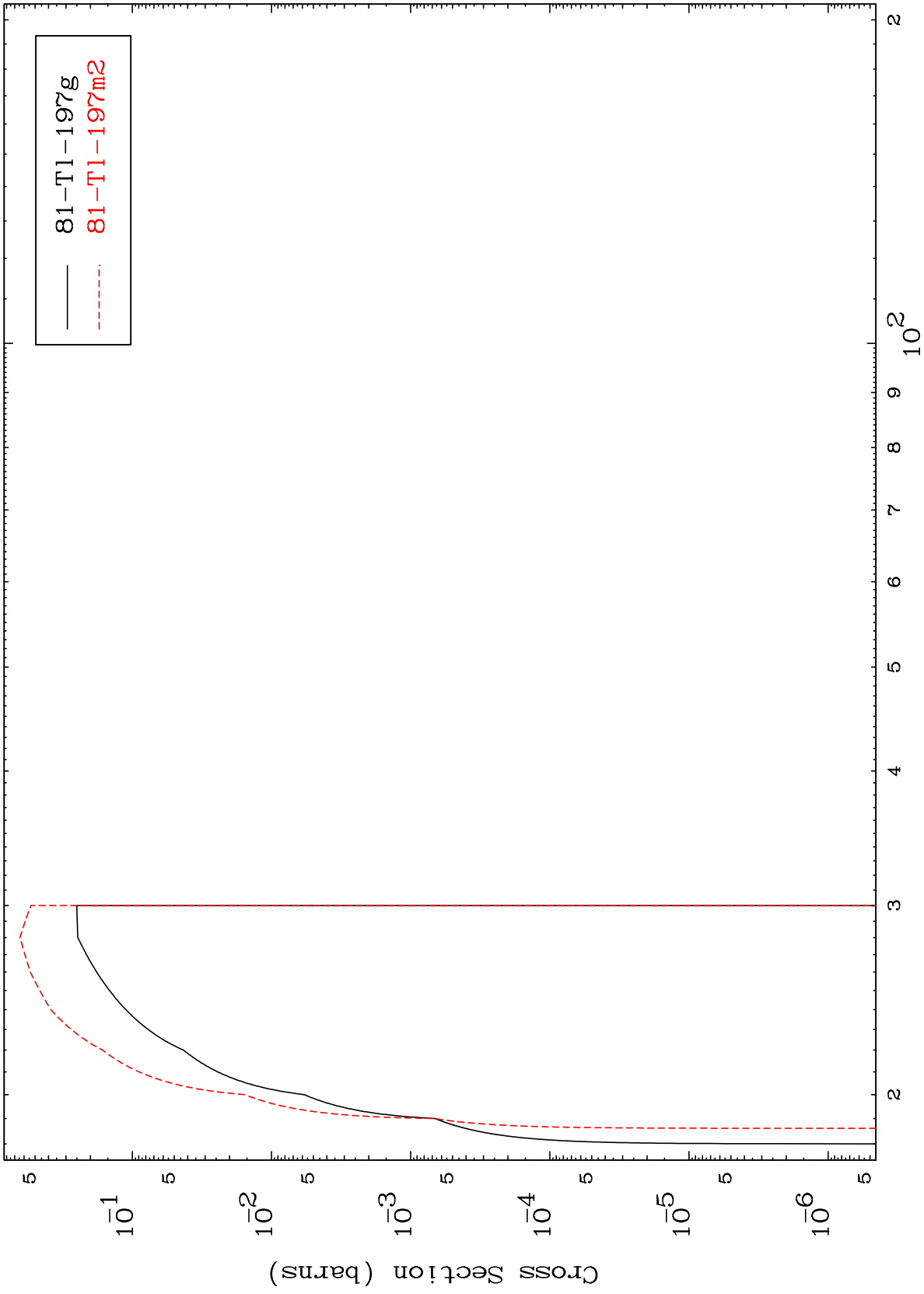
α Inelastic
Radionuclide Production Cross Section



MAT 7920

79-Au-195

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



12

Incident Energy (MeV)

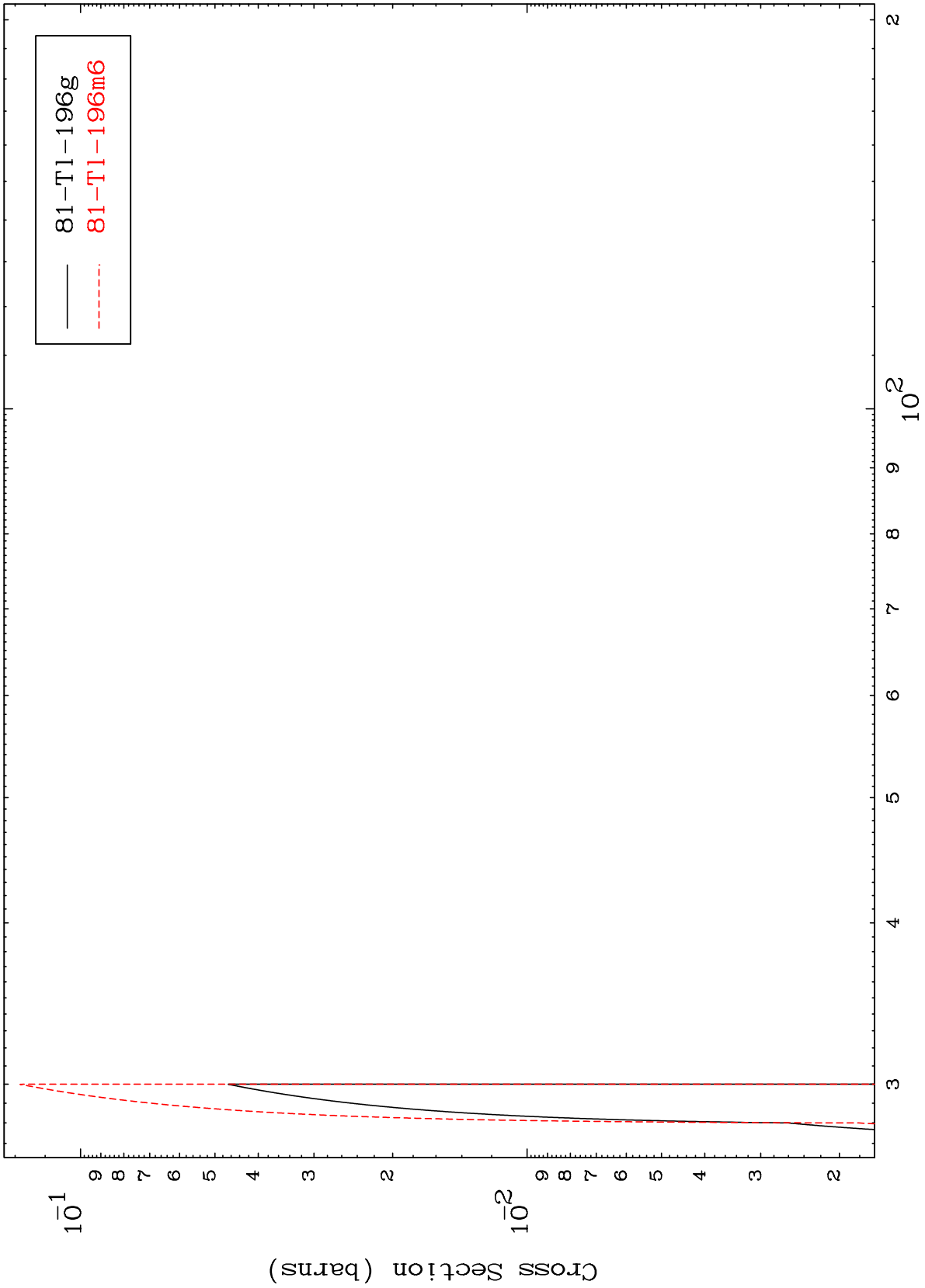
79-Au-195

MAT 7920

($\alpha, 3n$)

79-Au-195

Radionuclide Production Cross Section



13

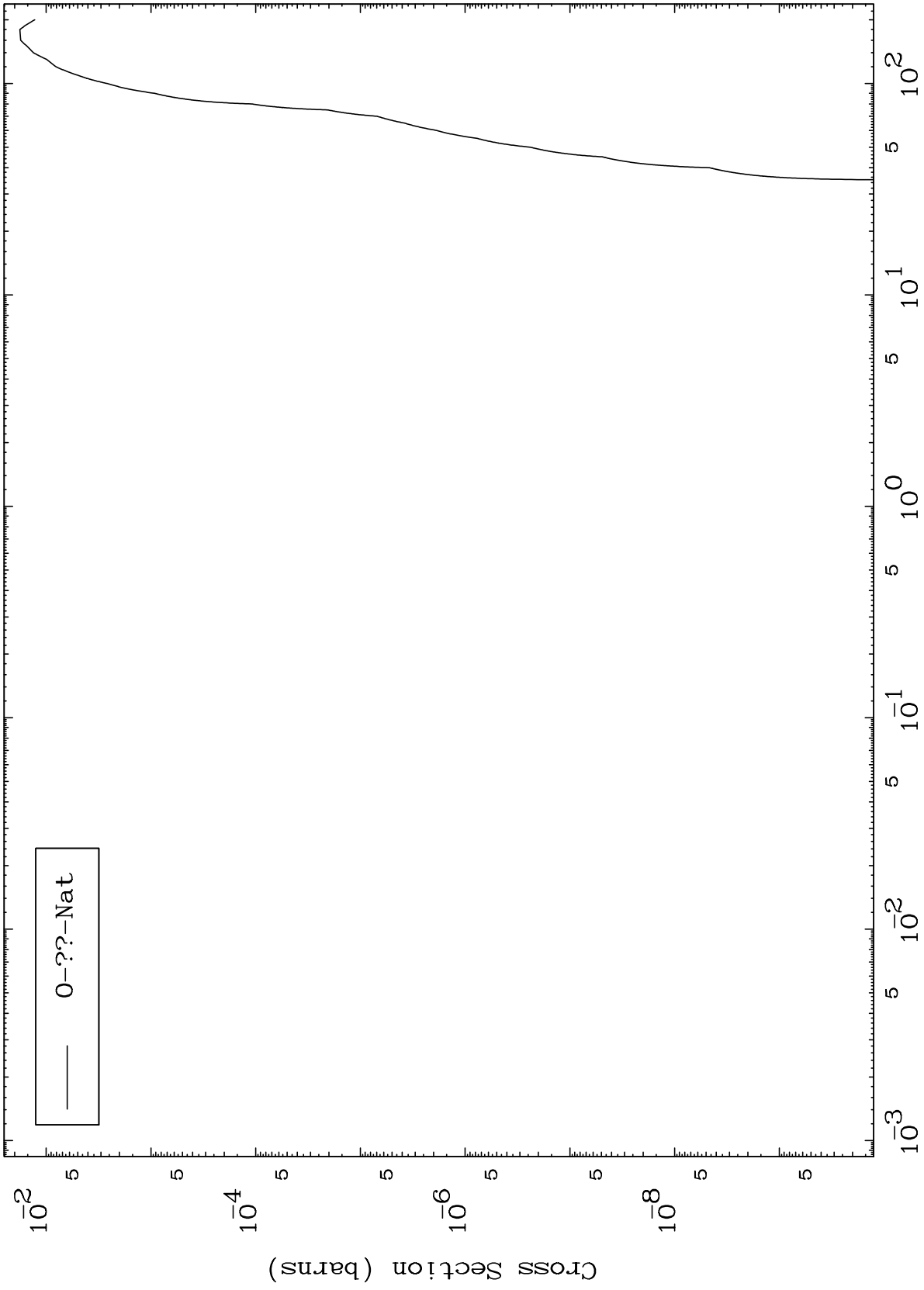
Incident Energy (MeV)

79-Au-195

MAT 7920

α Fission
Radionuclide Production Cross Section

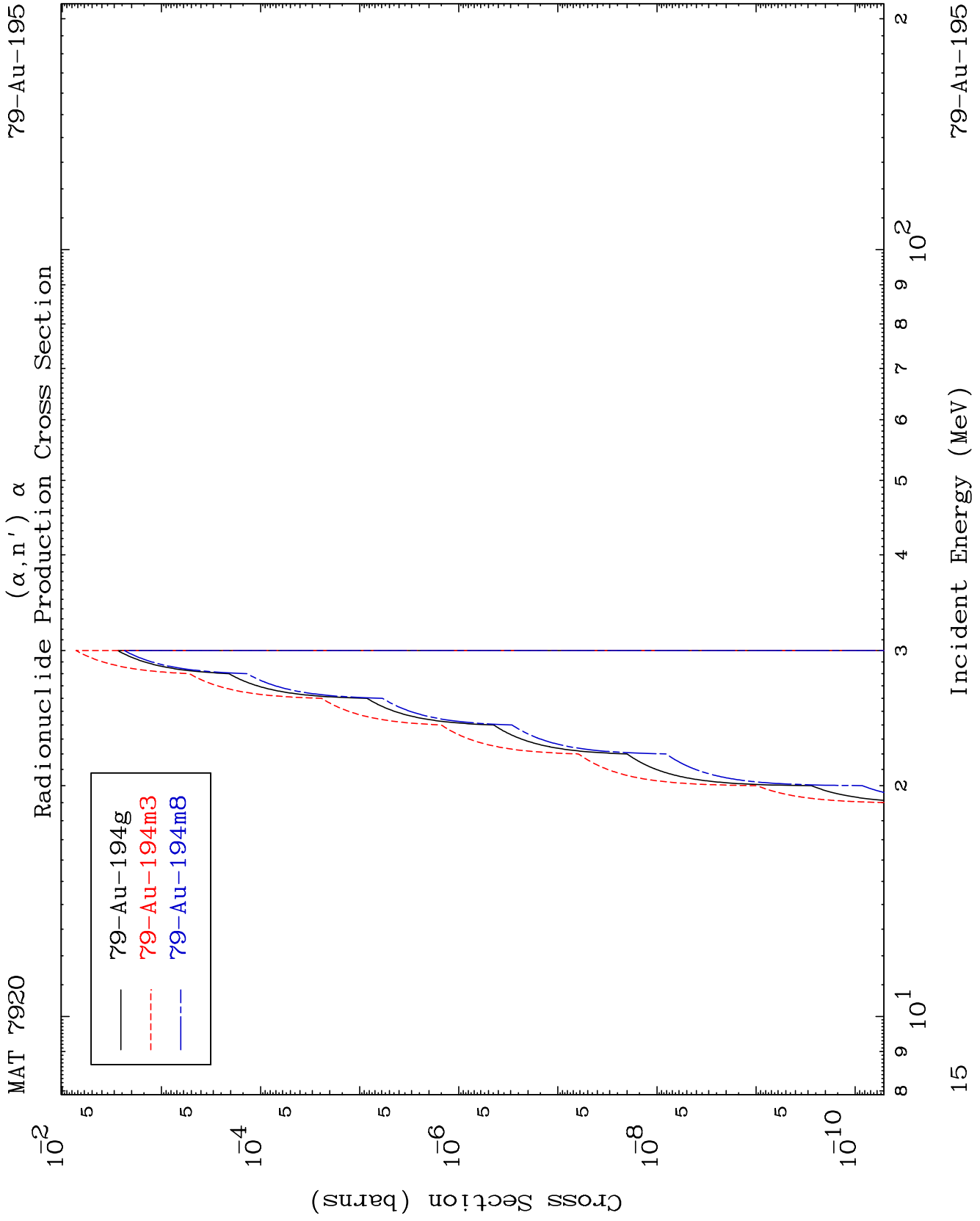
79-Au-195



14

Incident Energy (MeV)

79-Au-195

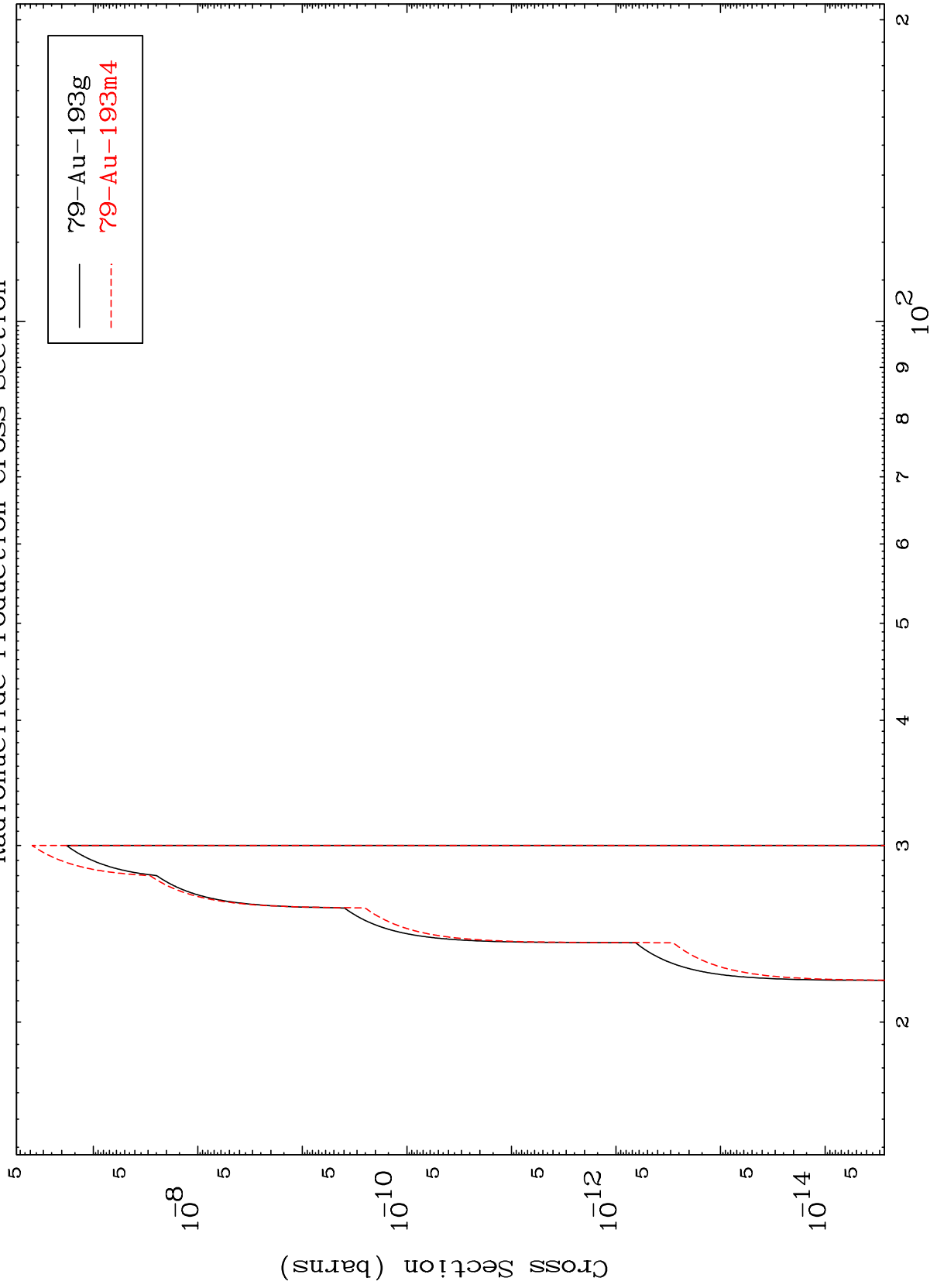


MAT 7920

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



16

Incident Energy (MeV)

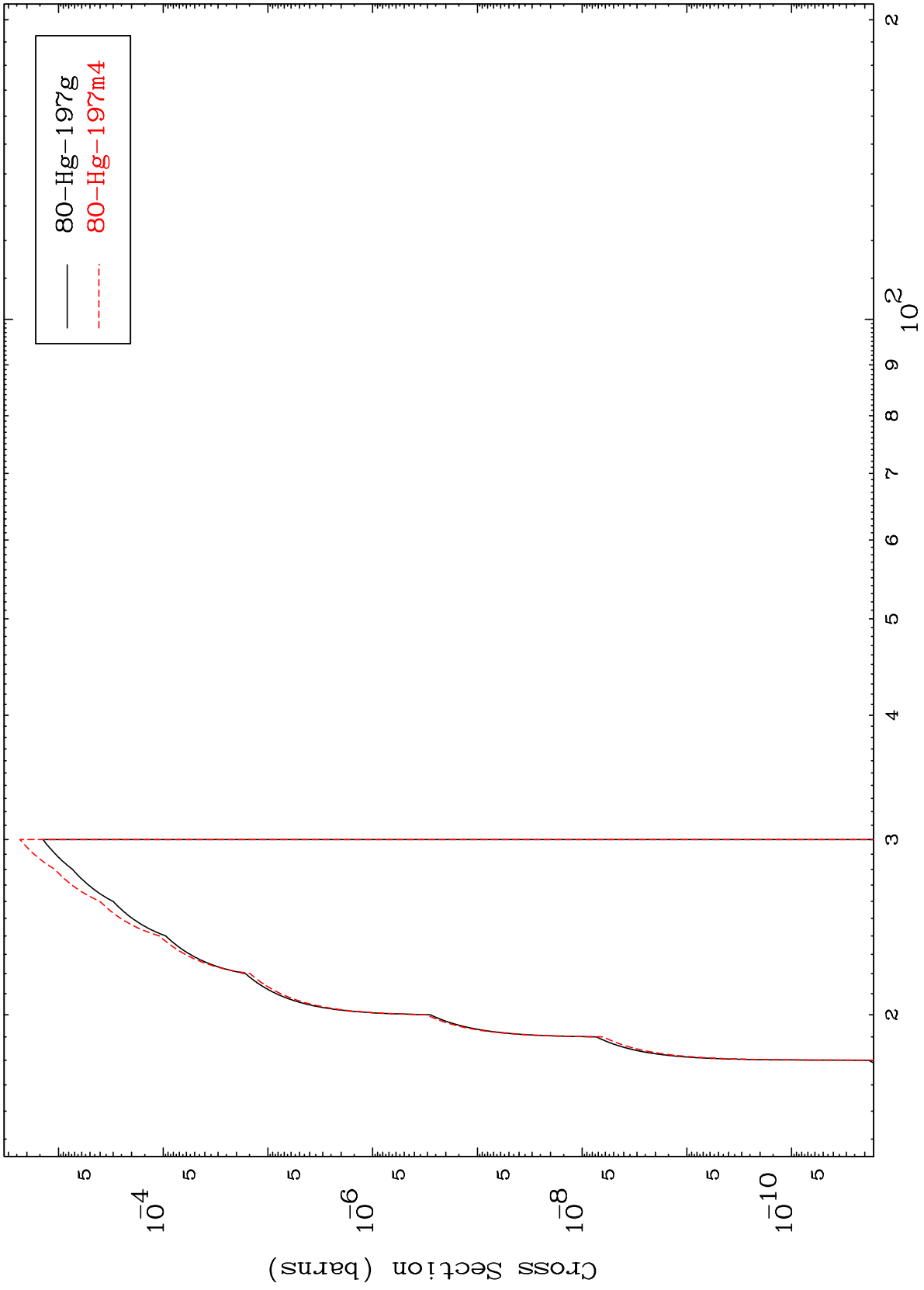
$^{79}\text{Au-195}$

MAT 7920

(α, n') p

79-Au-195

Radionuclide Production Cross Section



17

Incident Energy (MeV)

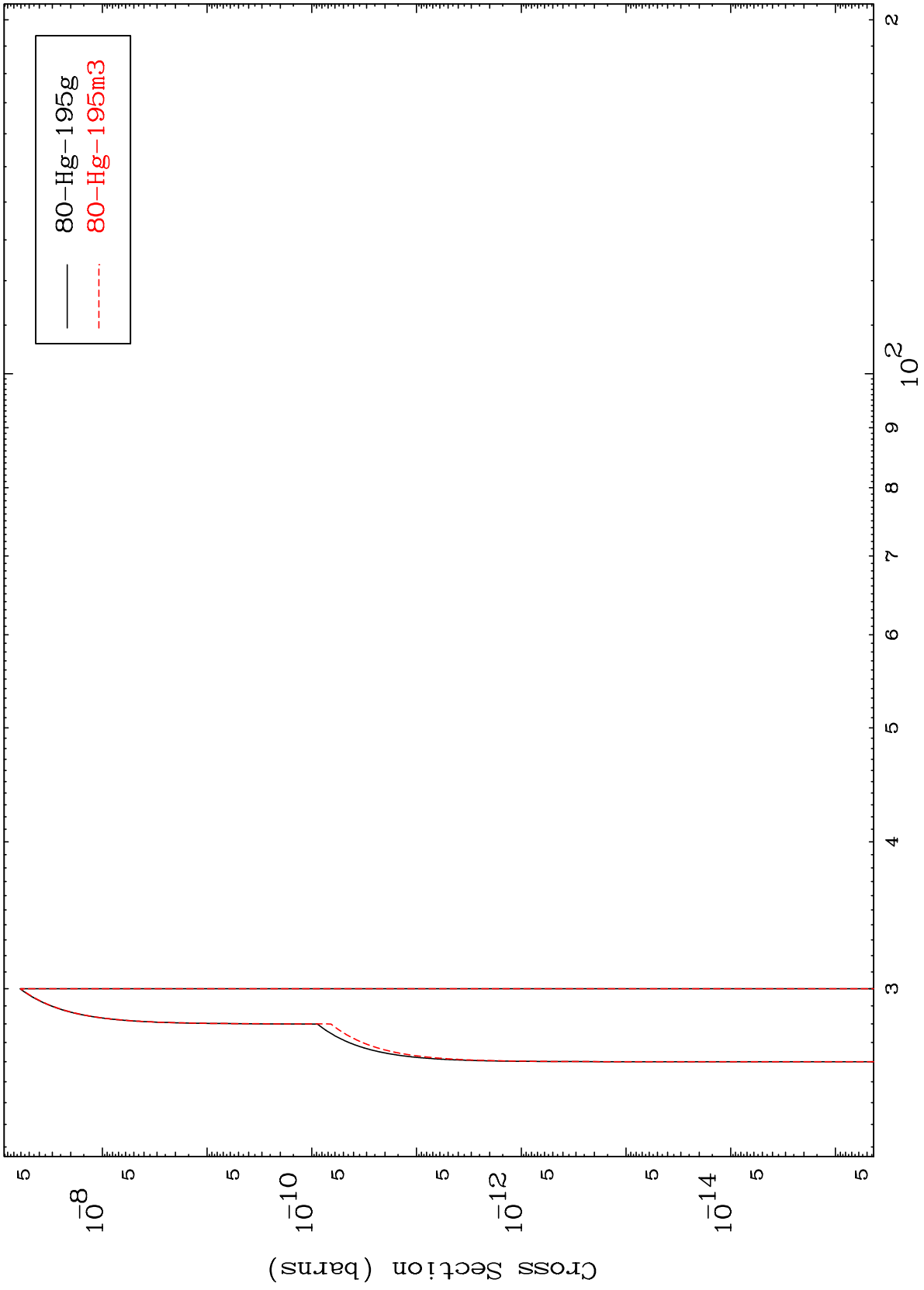
79-Au-195

MAT 7920

(α, n') t

79-Au-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

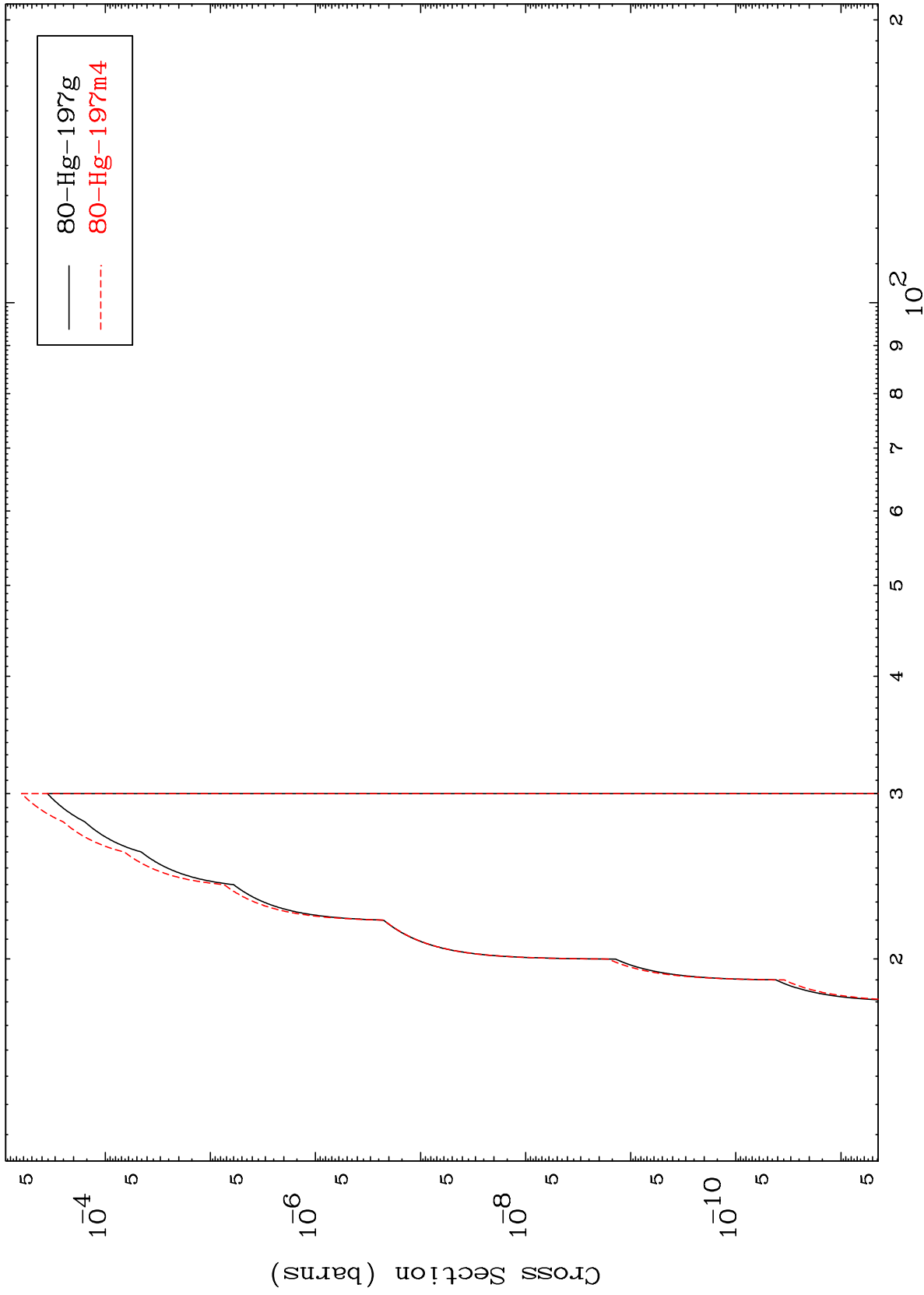
79-Au-195

MAT 7920

(α, d)

79-Au-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

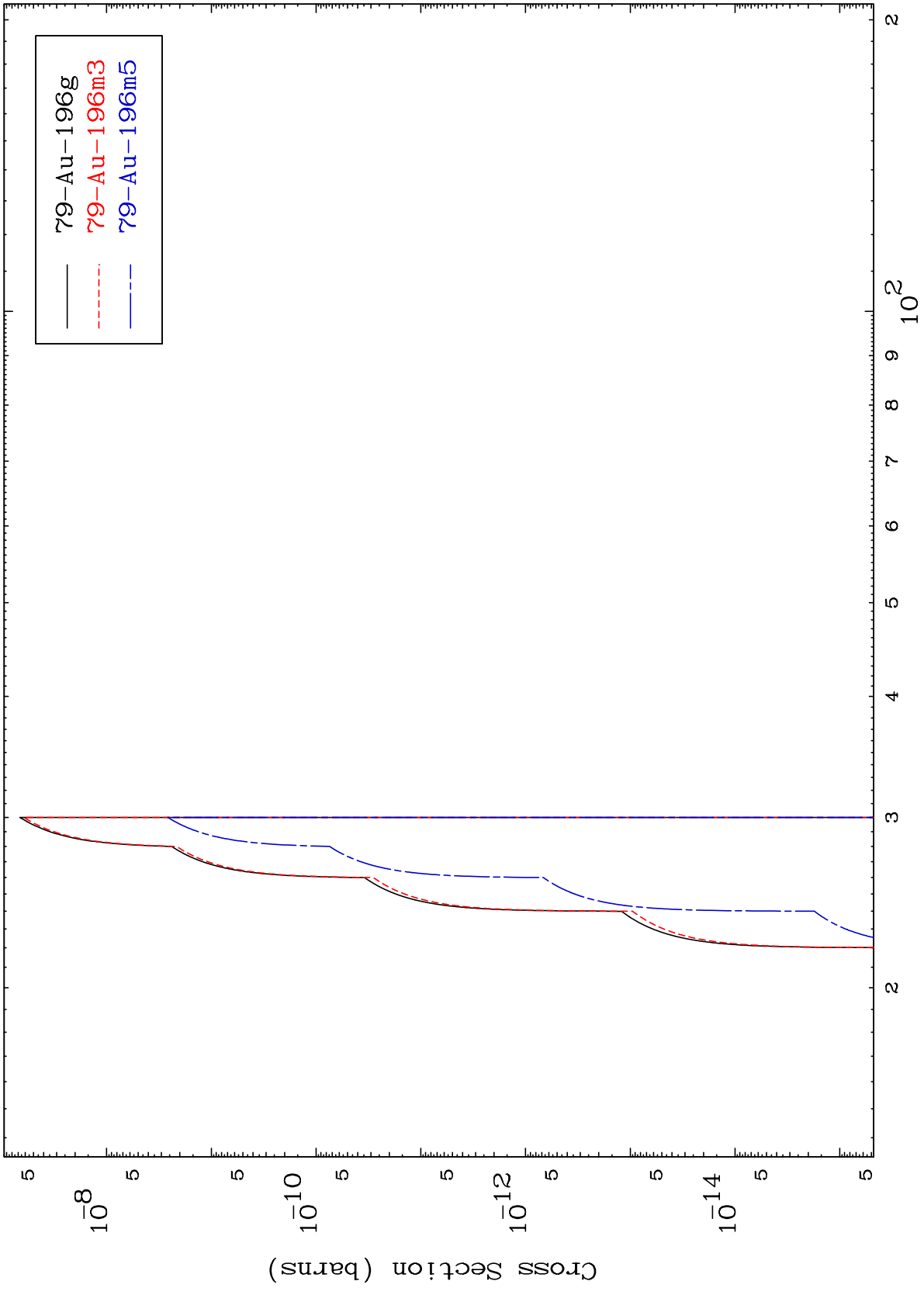
79-Au-195

MAT 7920

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

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

Radionuclide Production Cross Section



20

Incident Energy (MeV)

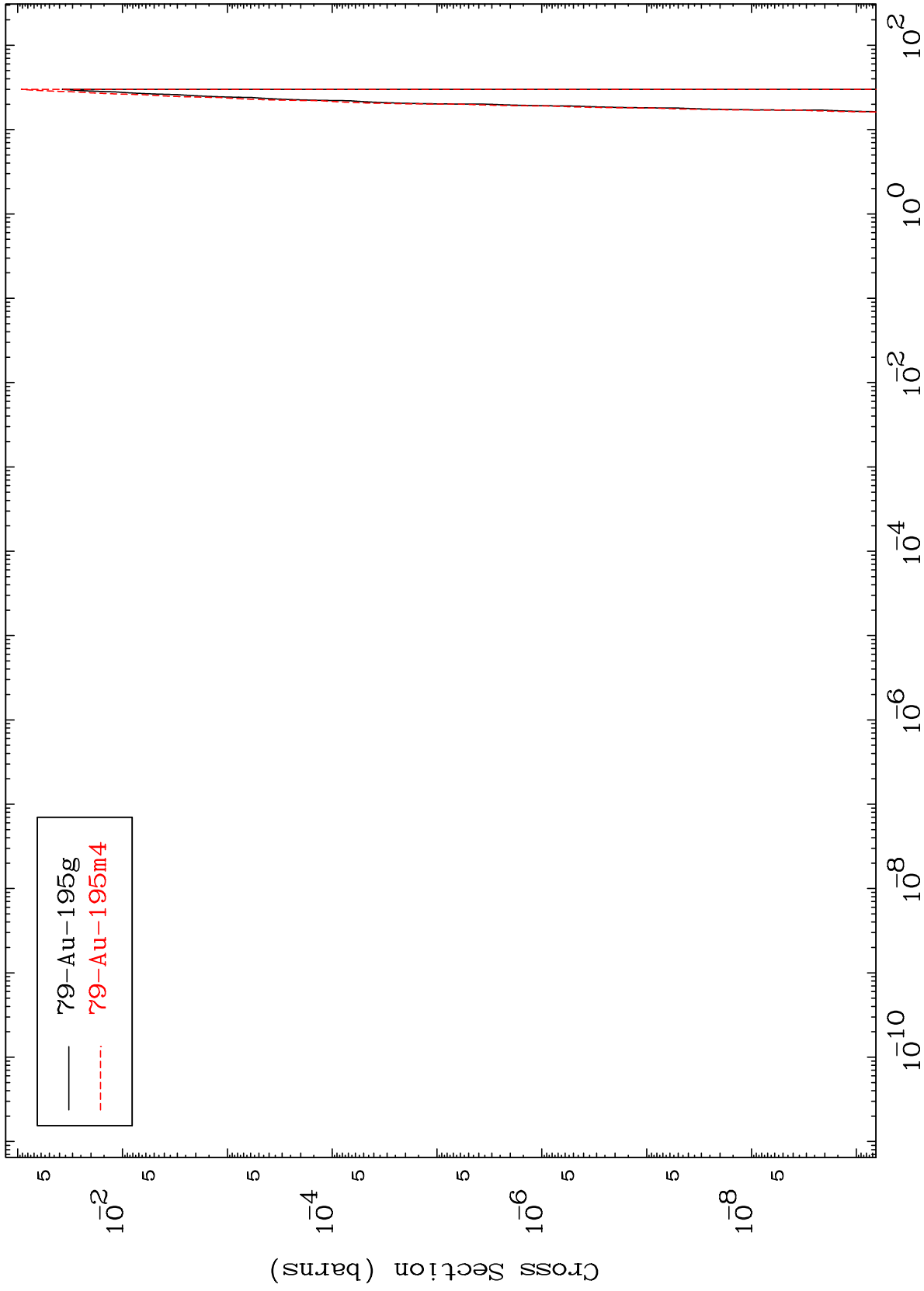
$^{79}\text{Au-195}$

MAT 7920

(α, α)

⁷⁹Au-195

Radionuclide Production Cross Section



21

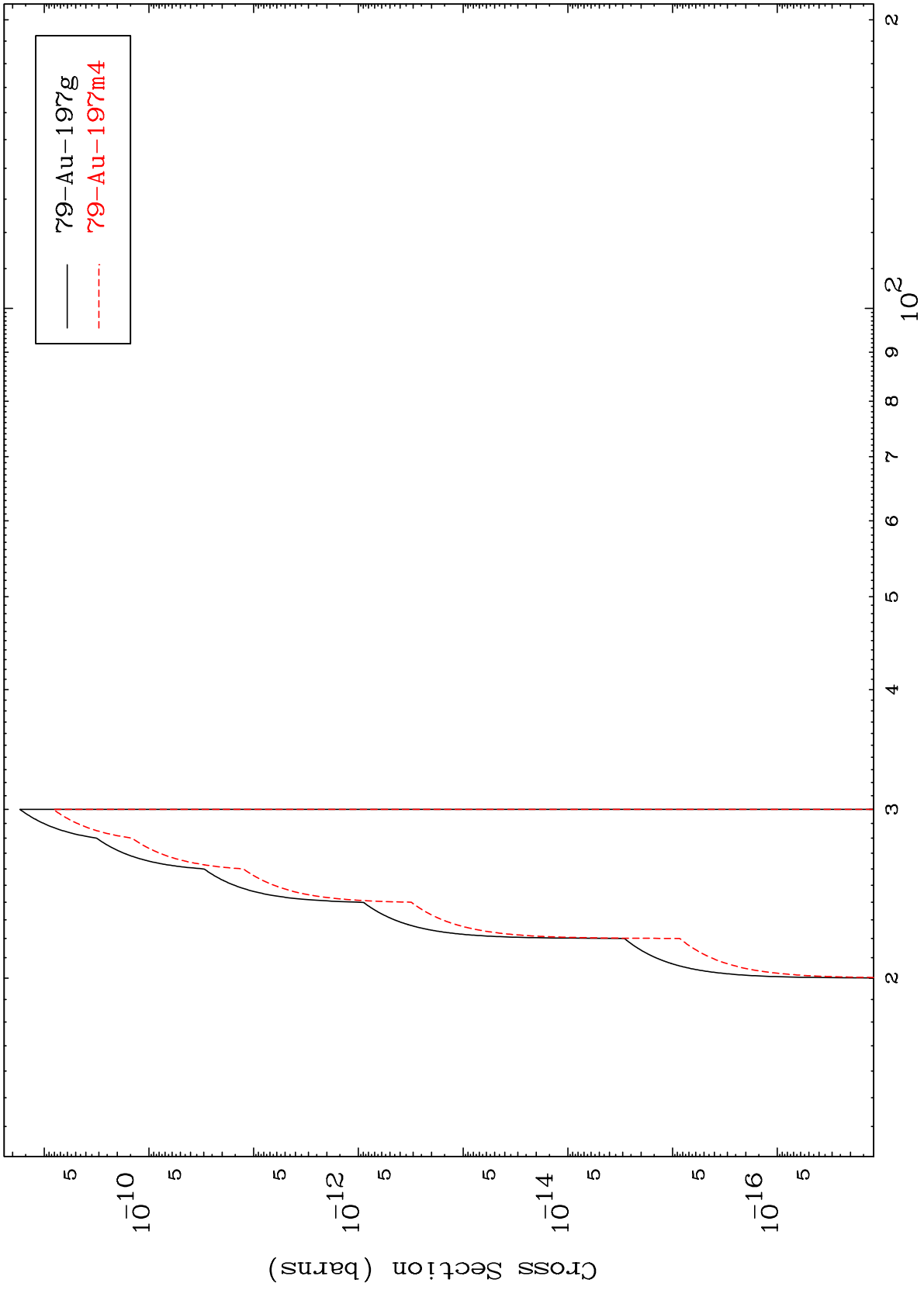
Incident Energy (MeV)

⁷⁹Au-195

MAT 7920

79-Au-195

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



22

79-Au-195

Incident Energy (MeV)