

Program EVALPLOT
(Version 2018-1)

by

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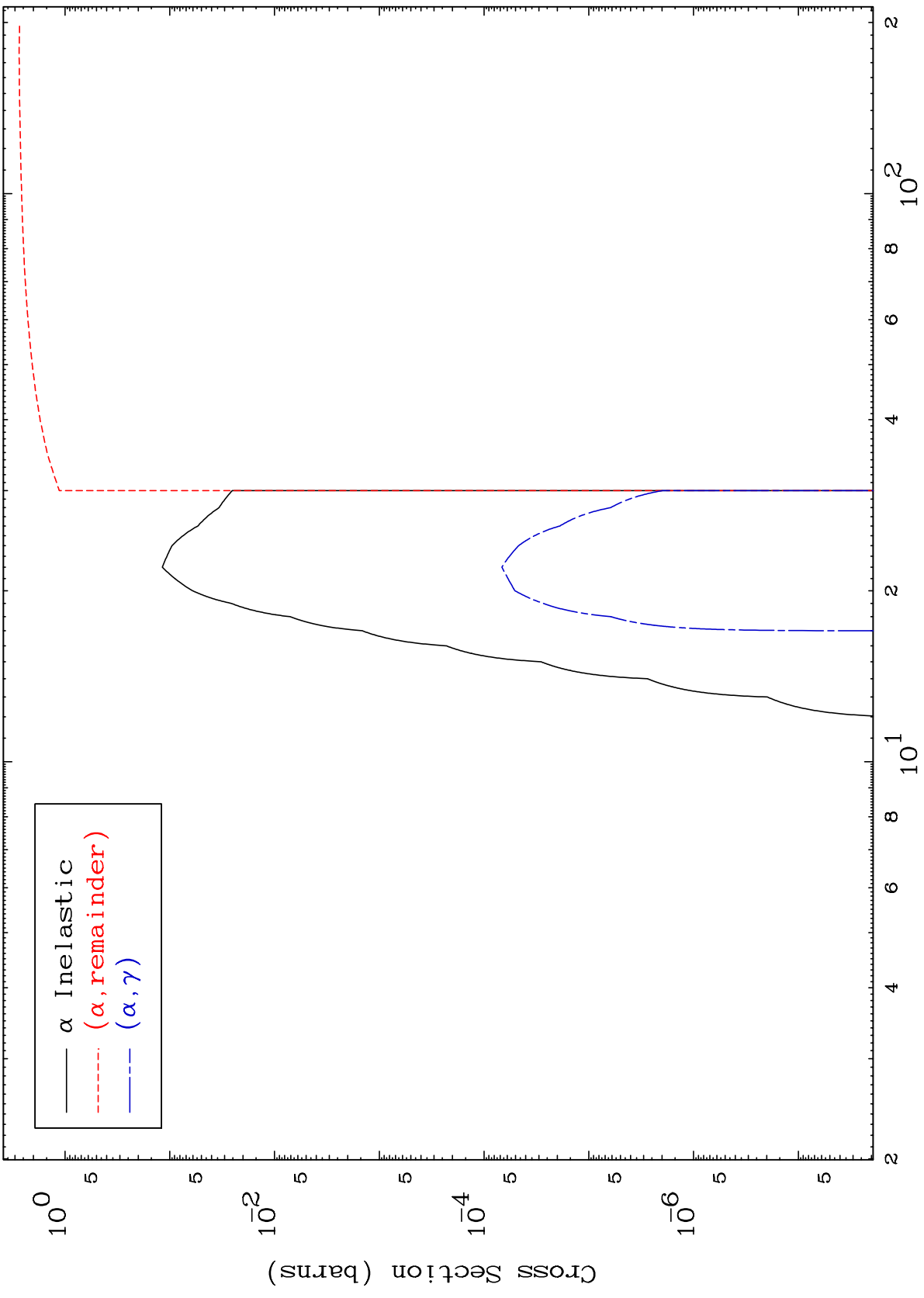
Press Mouse Button to Start

MAT 7919

α Major

79-Au-195

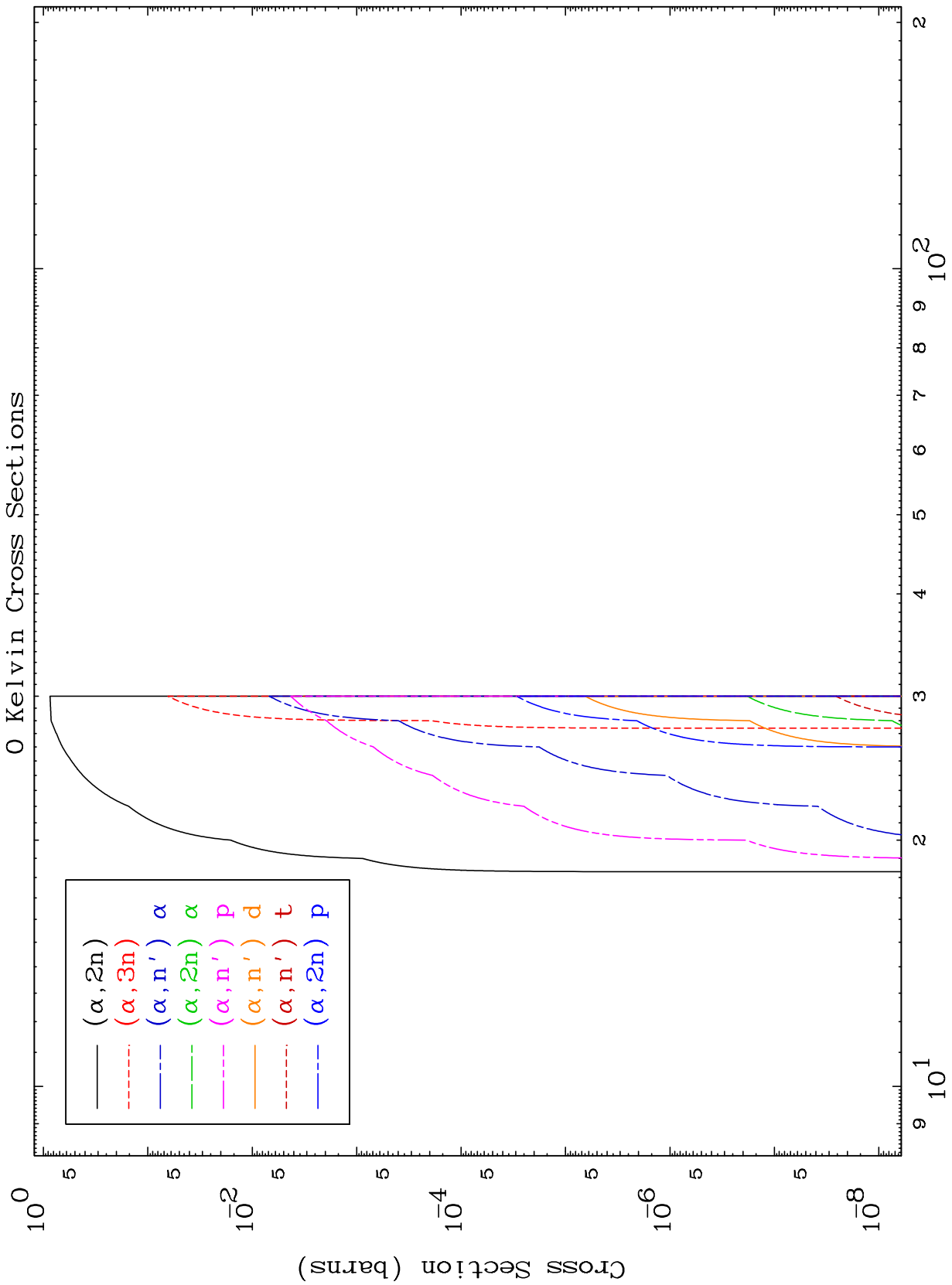
0 Kelvin Cross Sections



MAT 7919

α Neutron Production
0 Kelvin Cross Sections

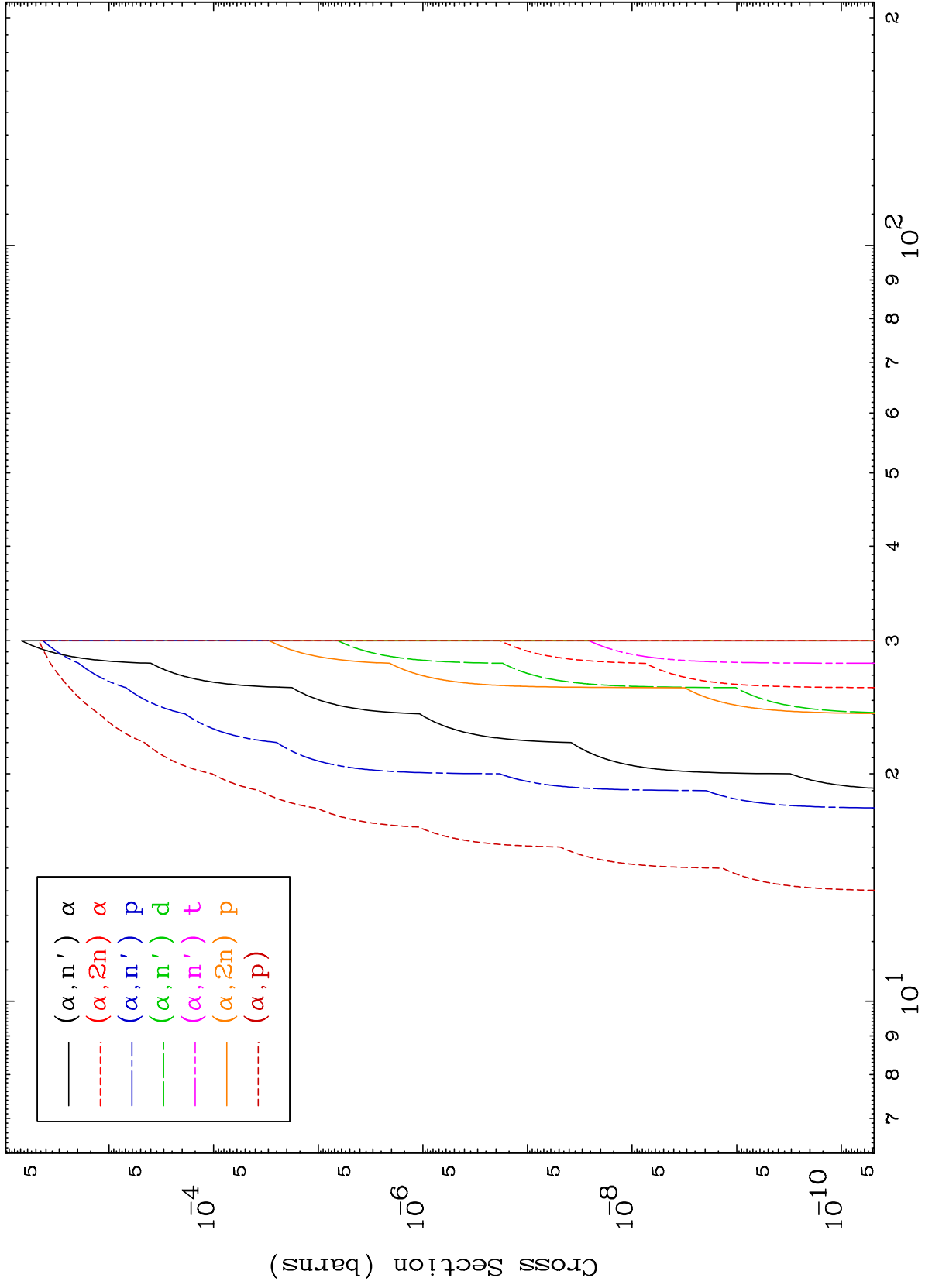
79-Au-195

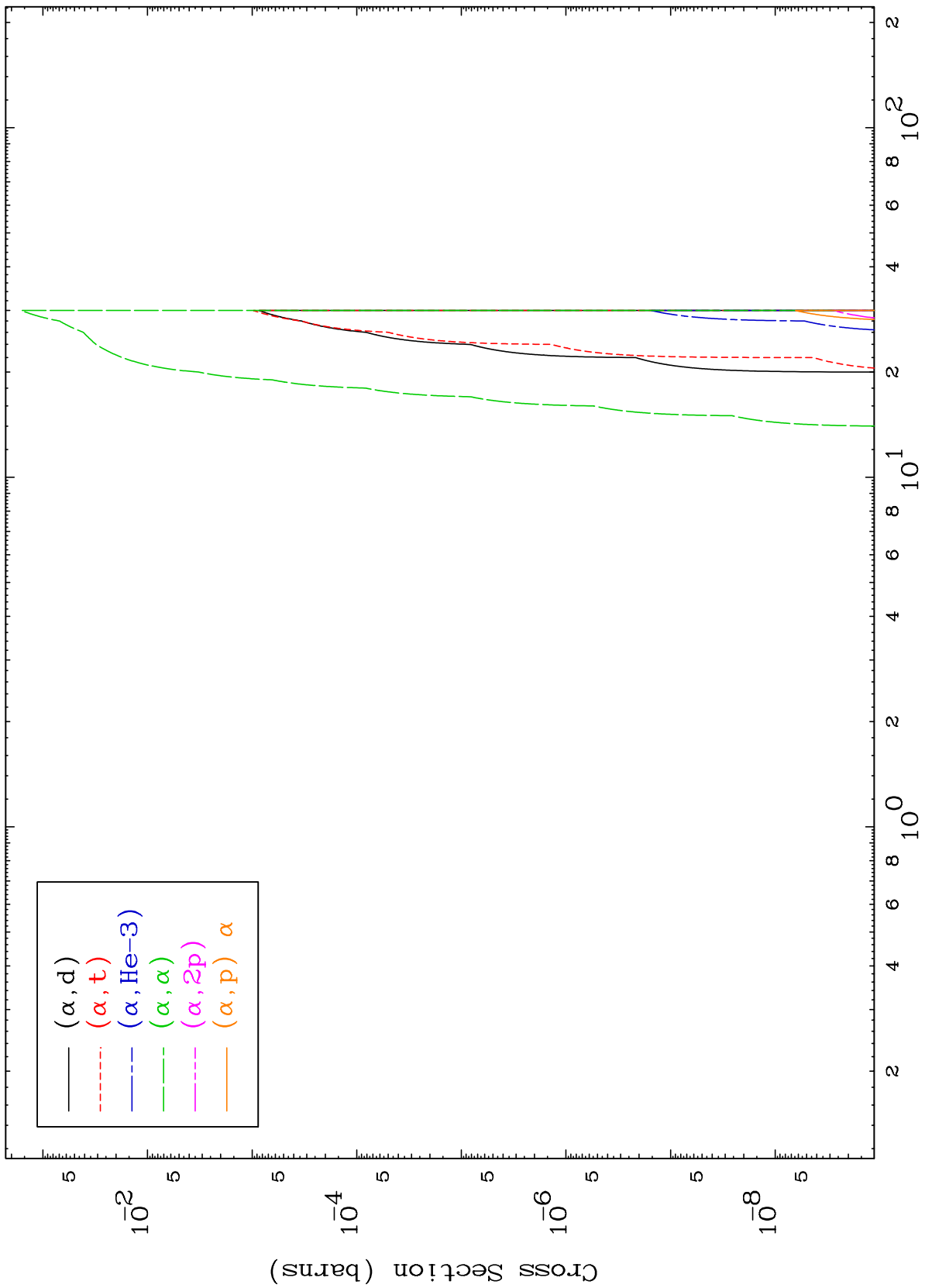


Incident Energy (MeV)

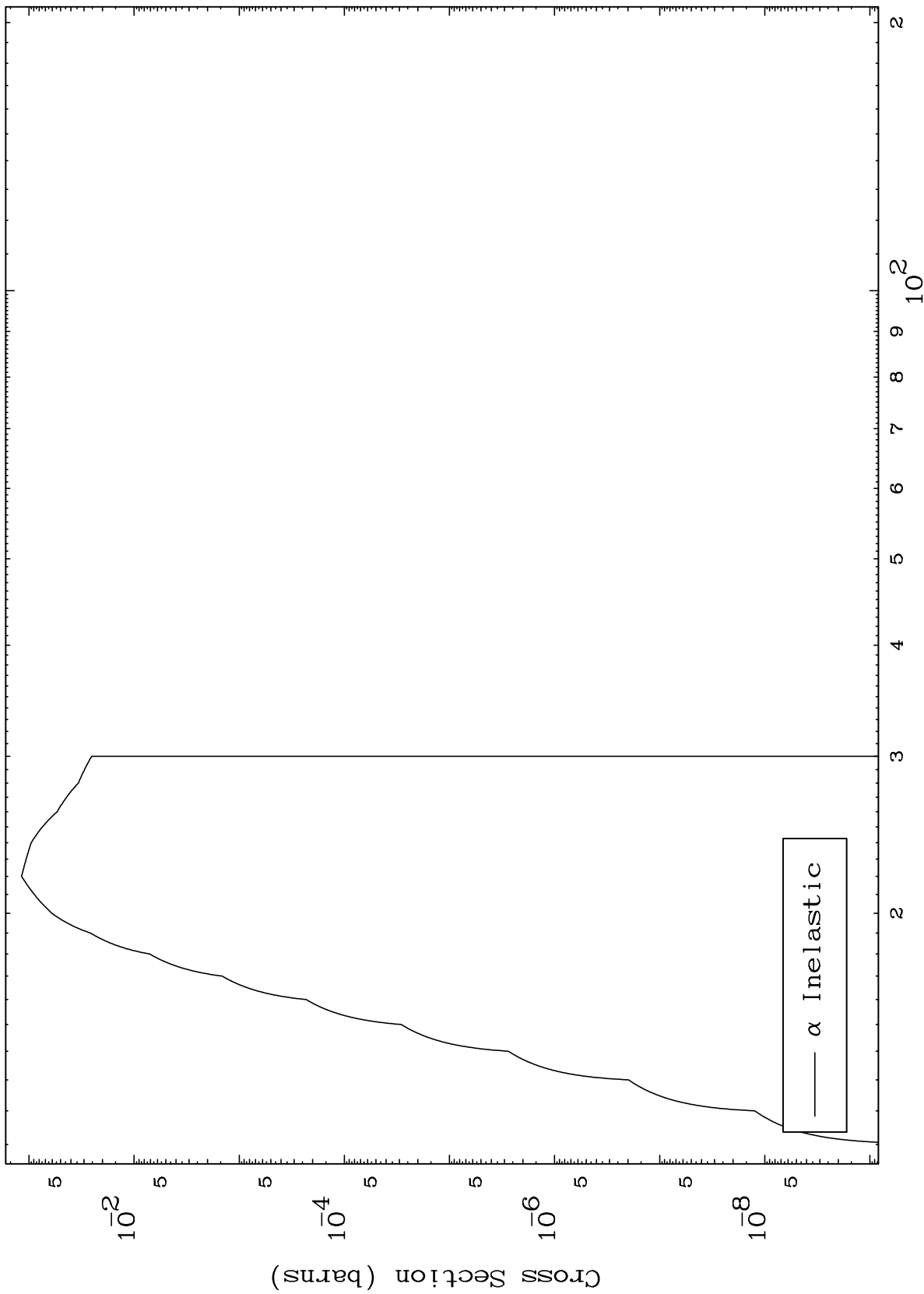
79-Au-195

2





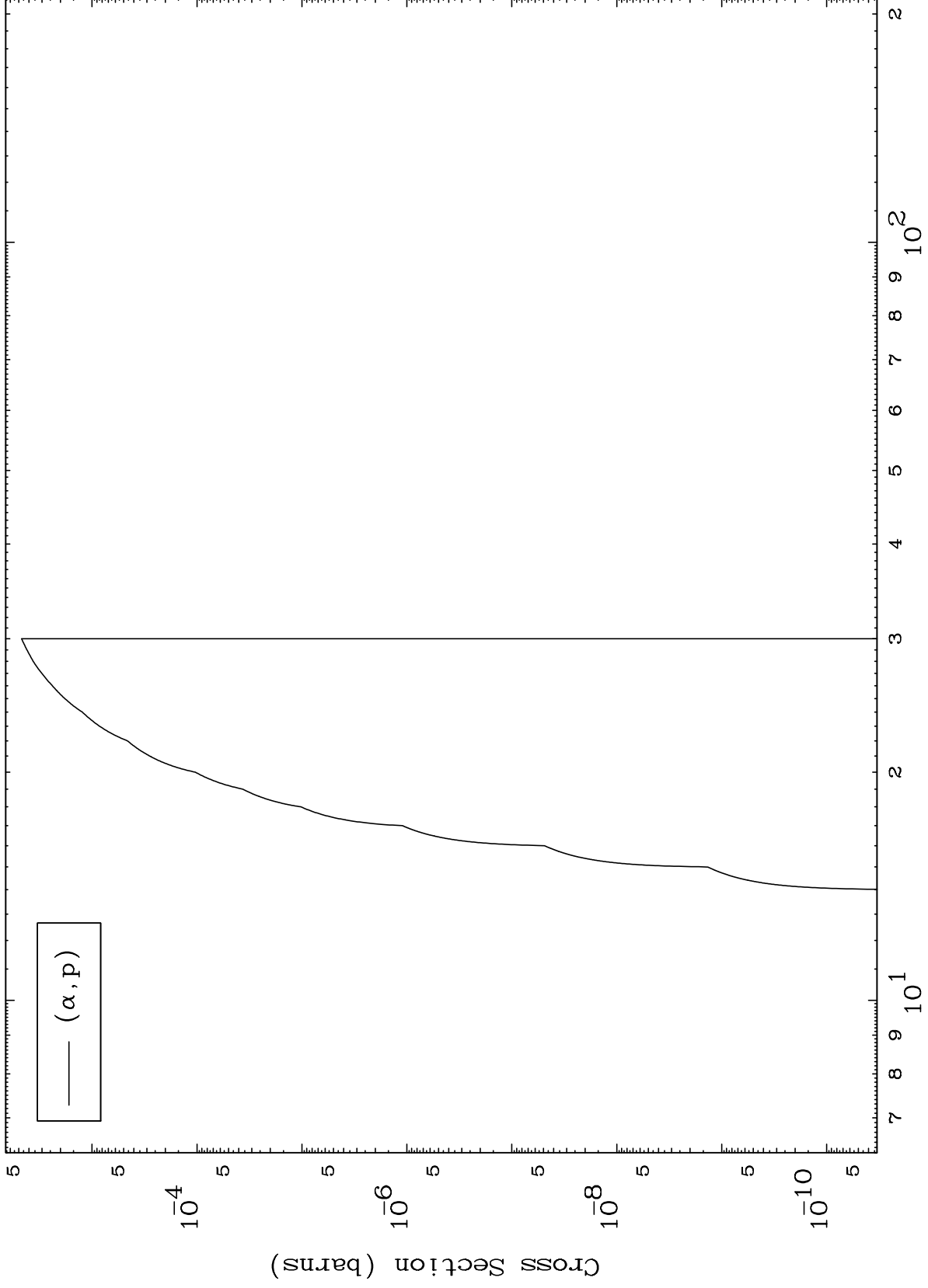
0 Kelvin Cross Sections



MAT 7919

(α, p) Levels
0 Kelvin Cross Sections

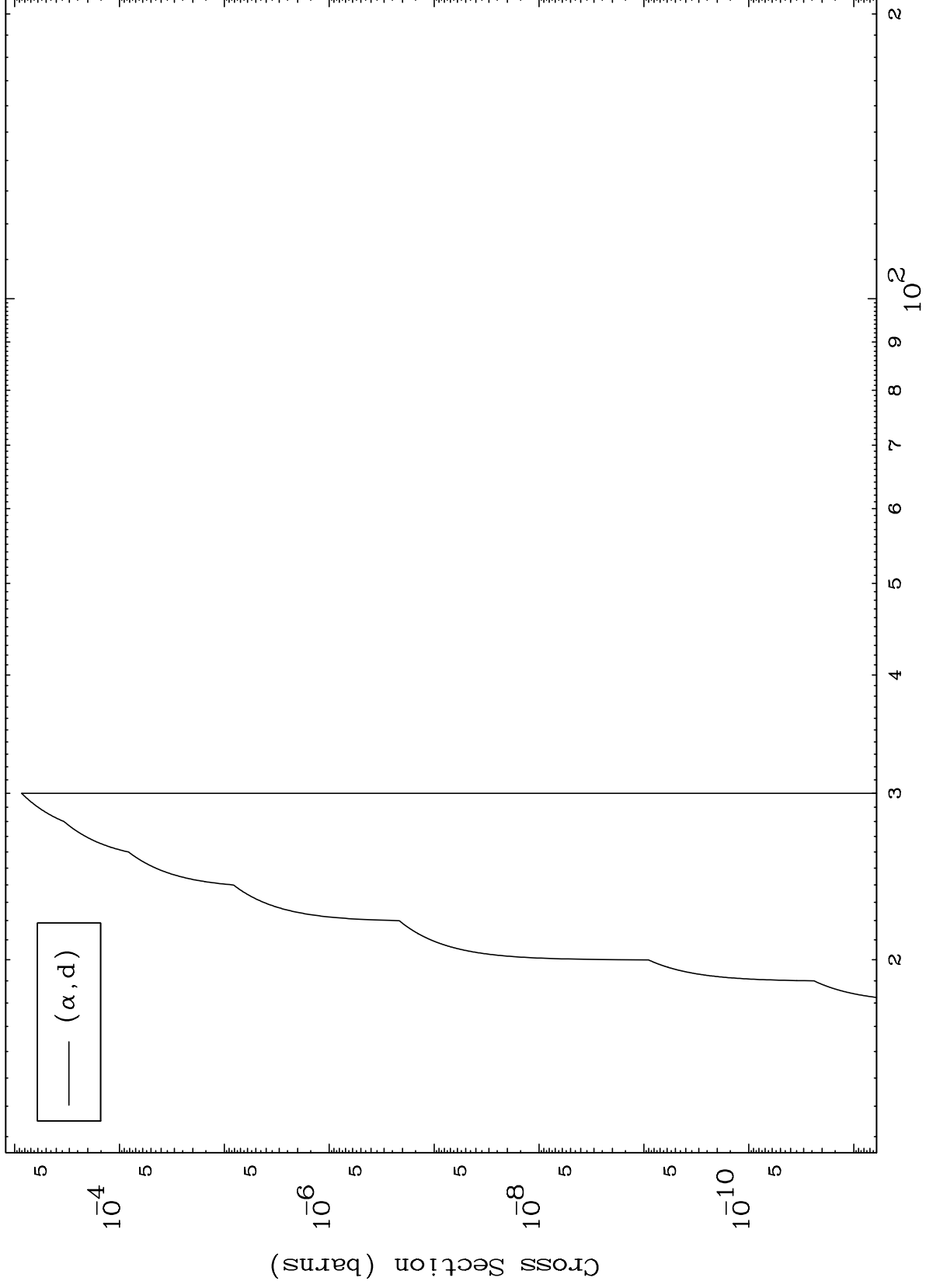
79-Au-195



MAT 7919

(α, d) Levels
0 Kelvin Cross Sections

79-Au-195



7

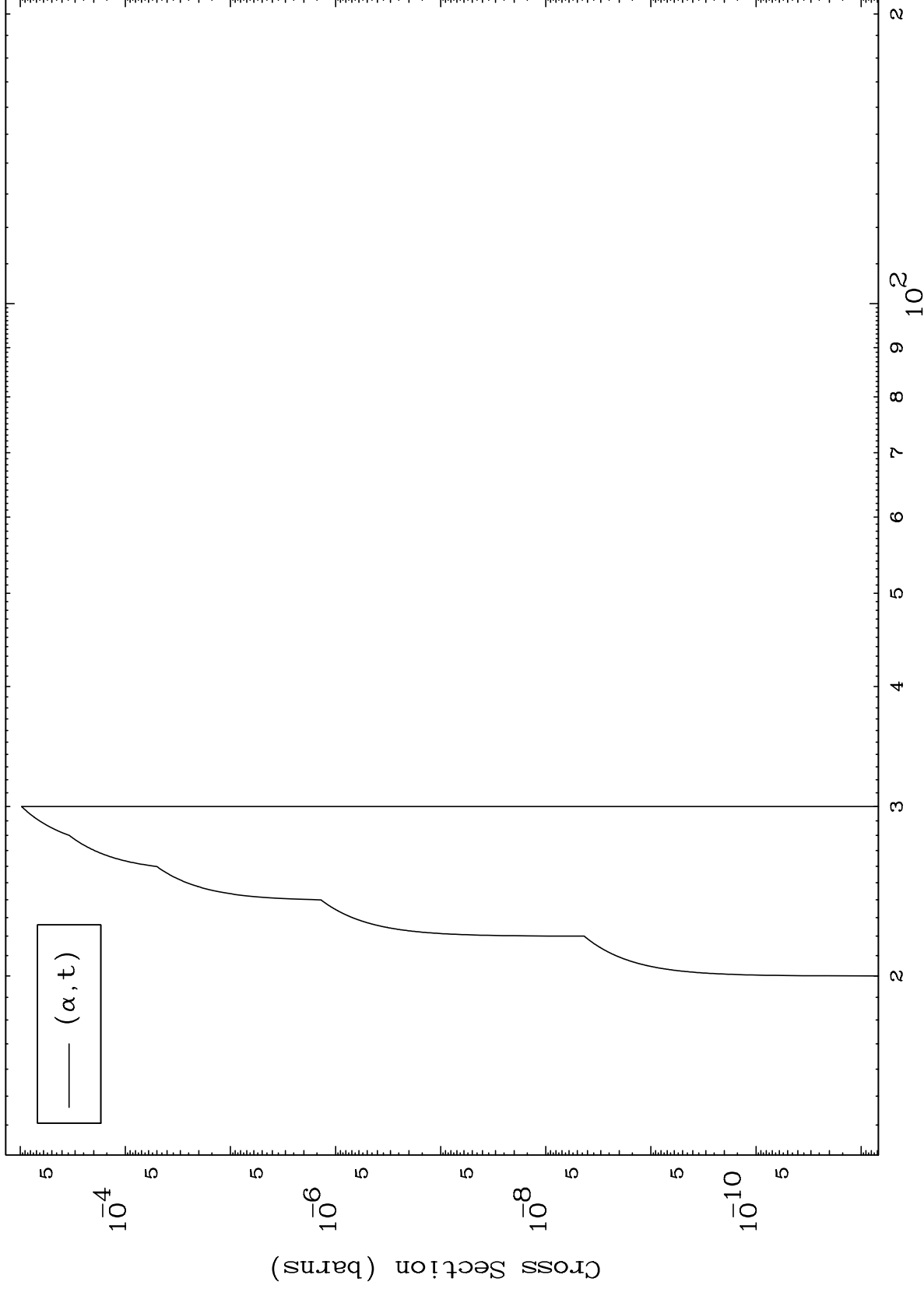
Incident Energy (MeV)

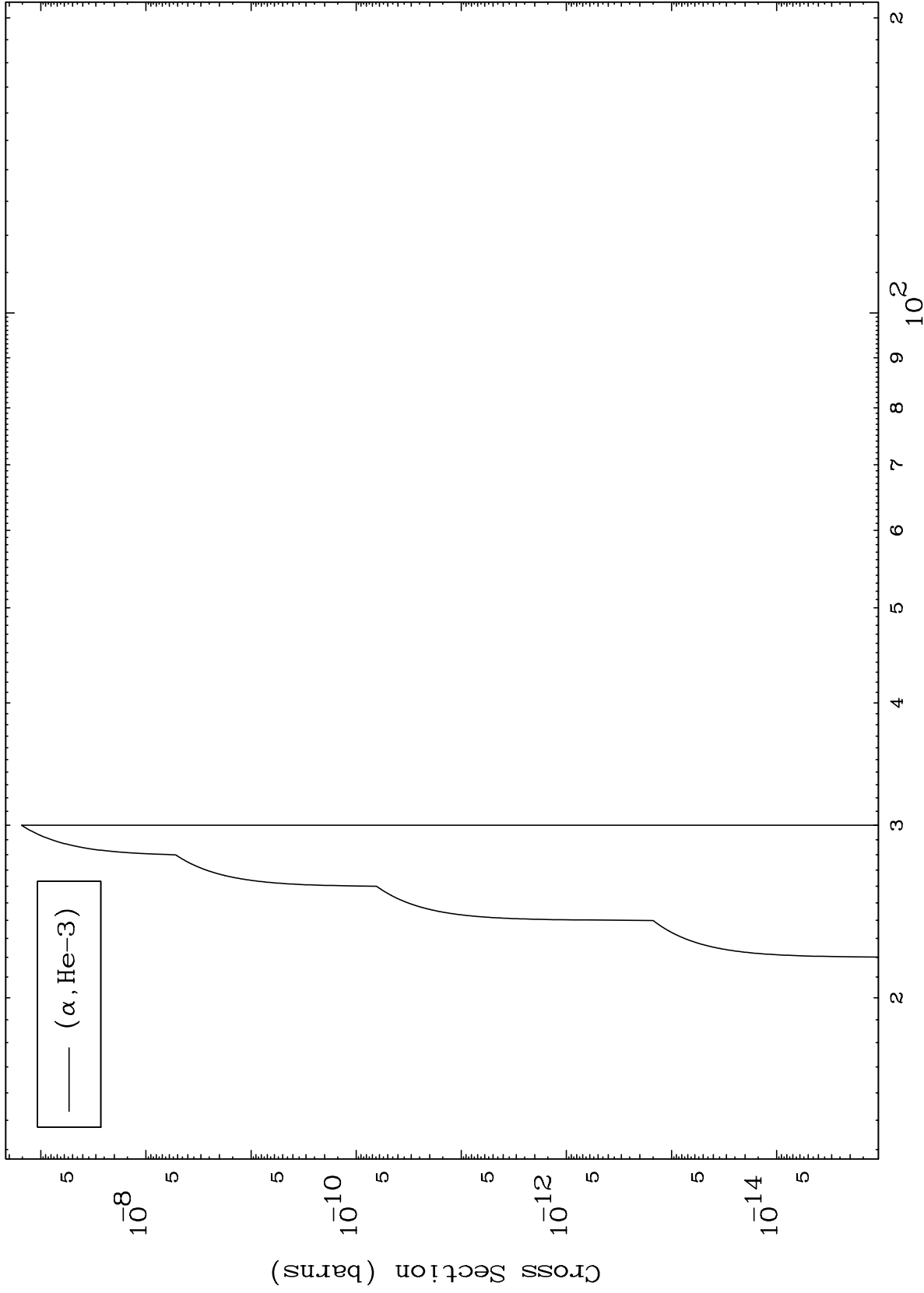
79-Au-195

MAT 7919

(α, t) Levels
0 Kelvin Cross Sections

79-Au-195



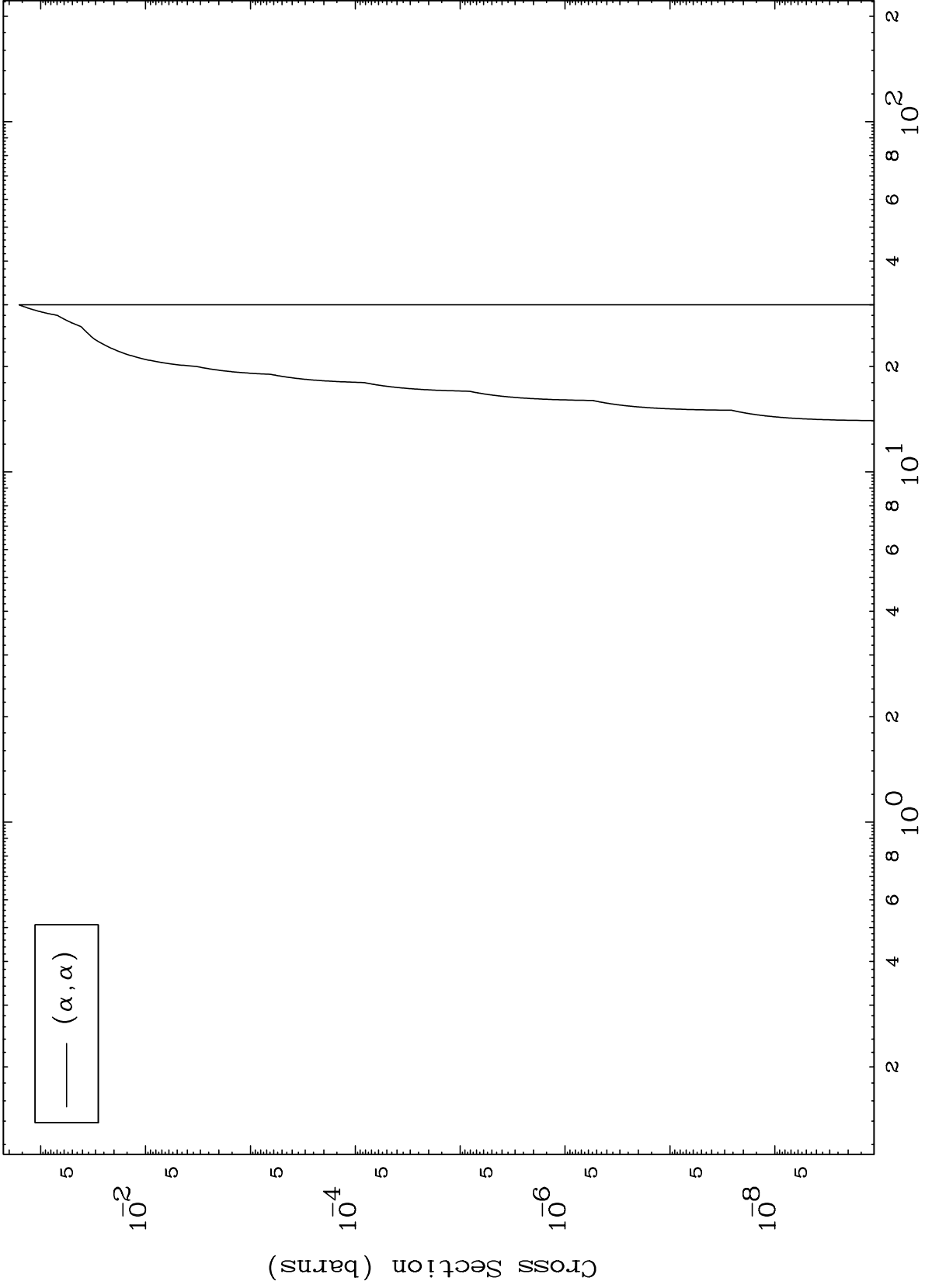


MAT 7919

(α, α) Levels

79-Au-195

0 Kelvin Cross Sections



(α, α)

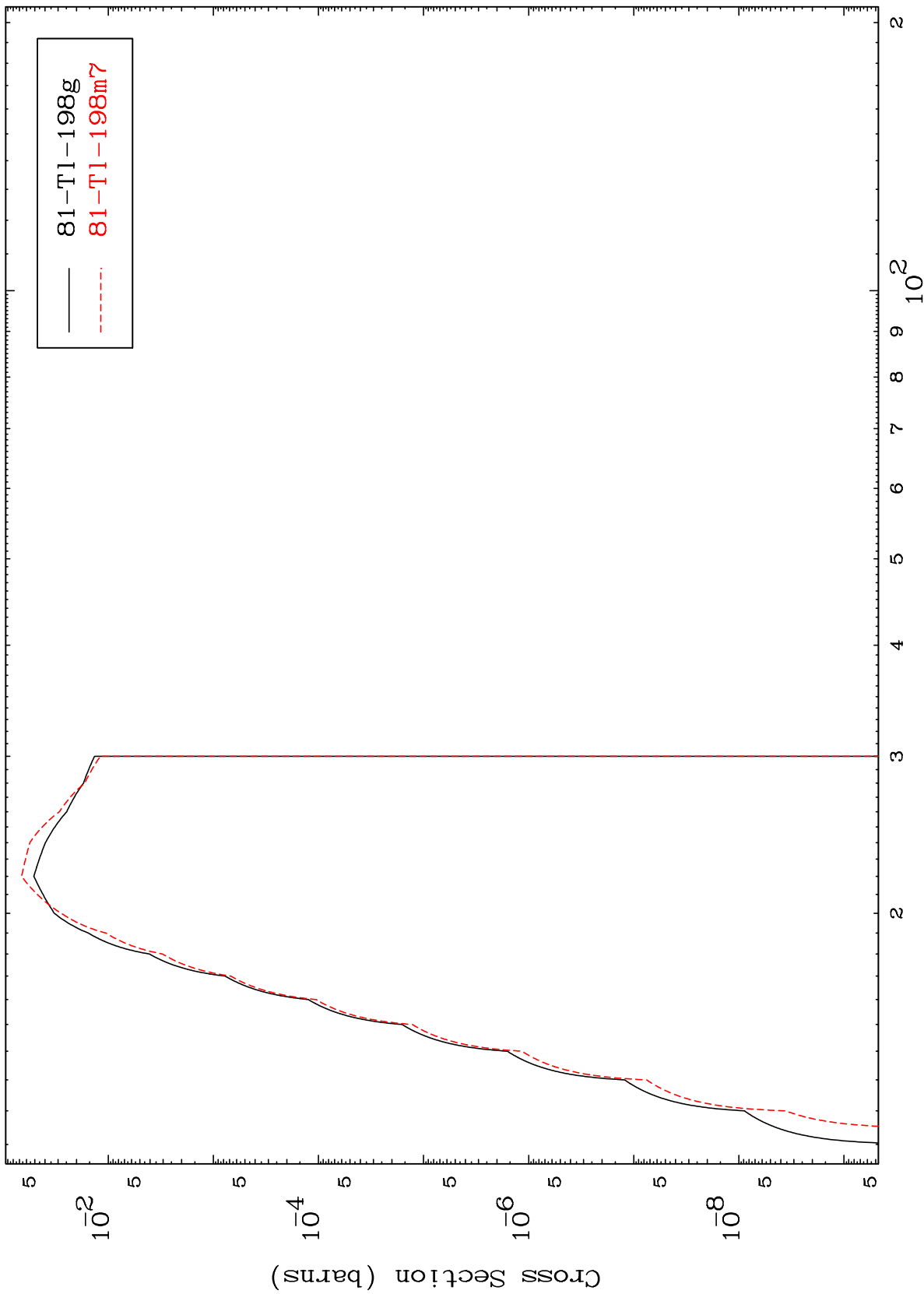
10

Incident Energy (MeV)

79-Au-195

Radionuclide Production Cross Section

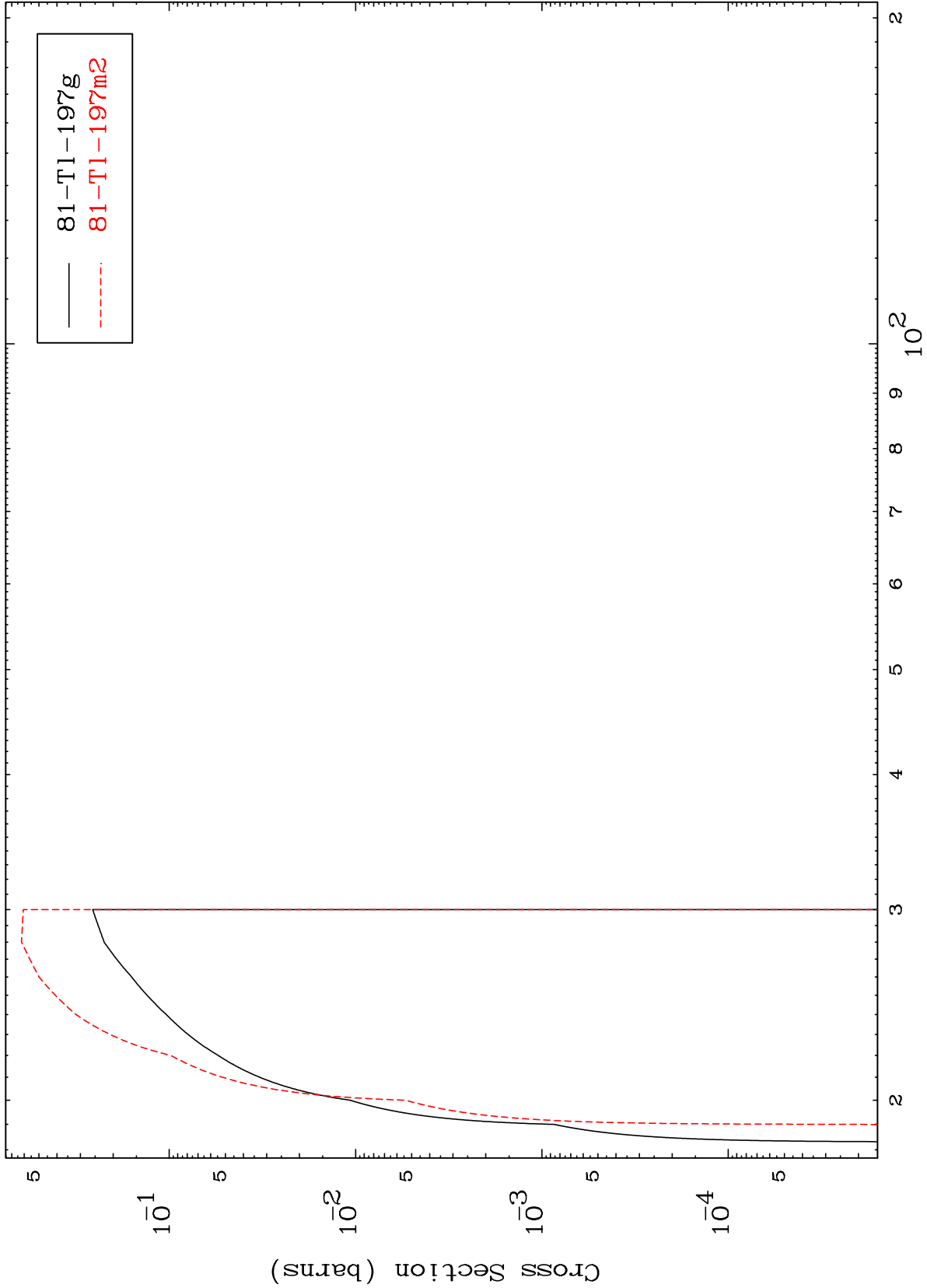
α Inelastic



MAT 7919

79-Au-195

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



12

Incident Energy (MeV)

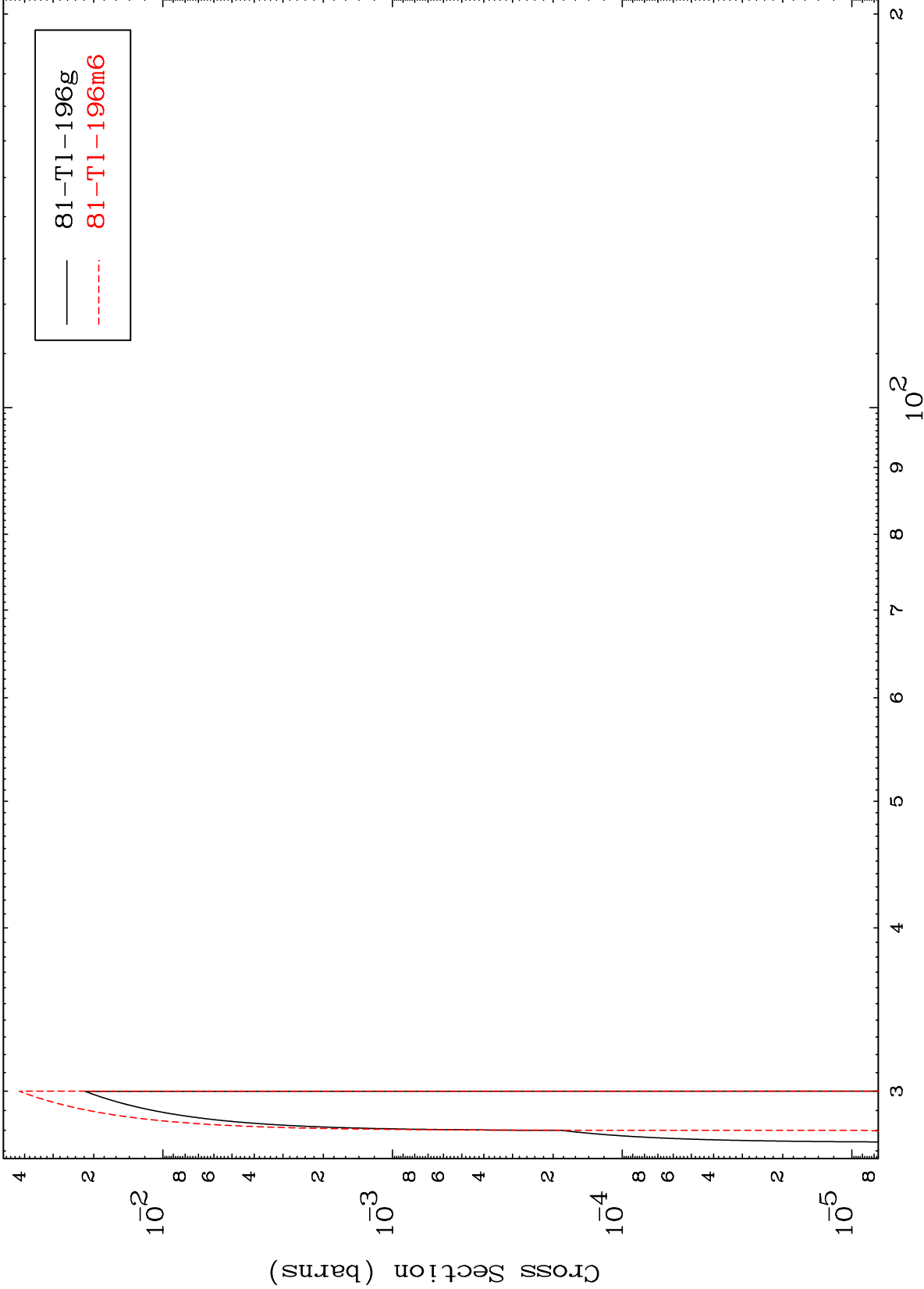
79-Au-195

MAT 7919

($\alpha, 3n$)

79-Au-195

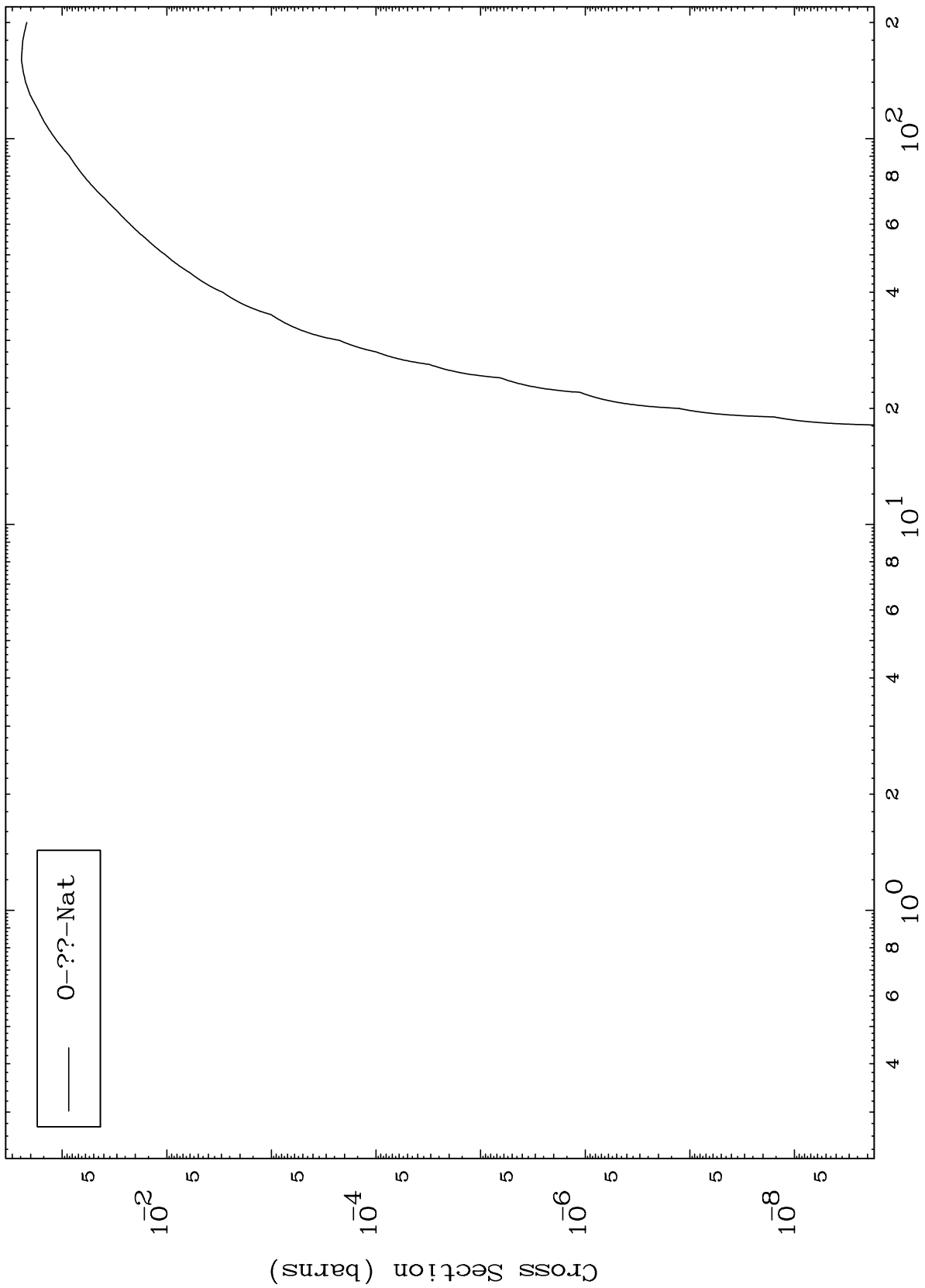
Radionuclide Production Cross Section



MAT 7919

79-Au-195

α Fission
Radionuclide Production Cross Section



14

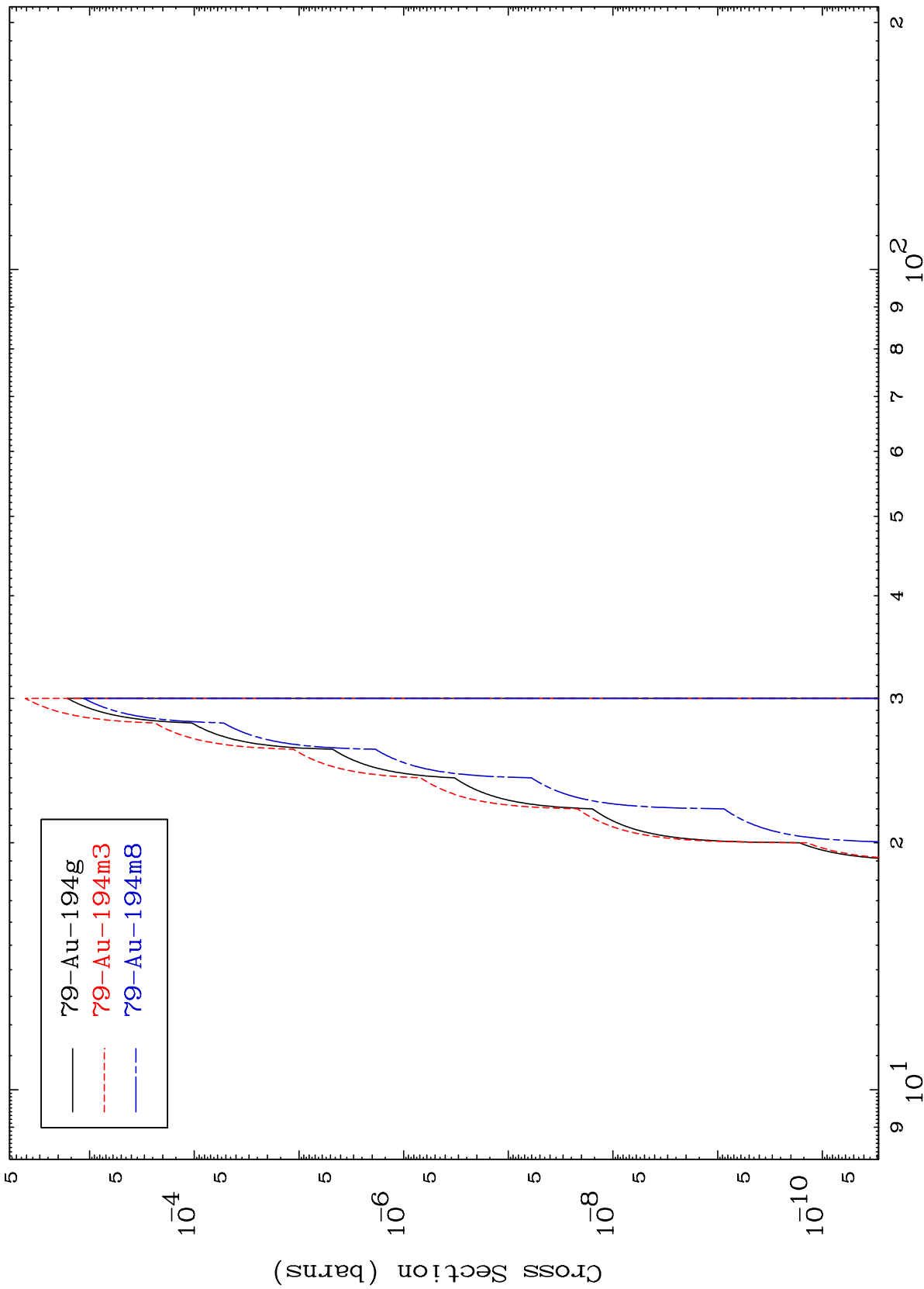
79-Au-195

MAT 7919

79-Au-195

(α, n') α

Radionuclide Production Cross Section



79-Au-195

Incident Energy (MeV)

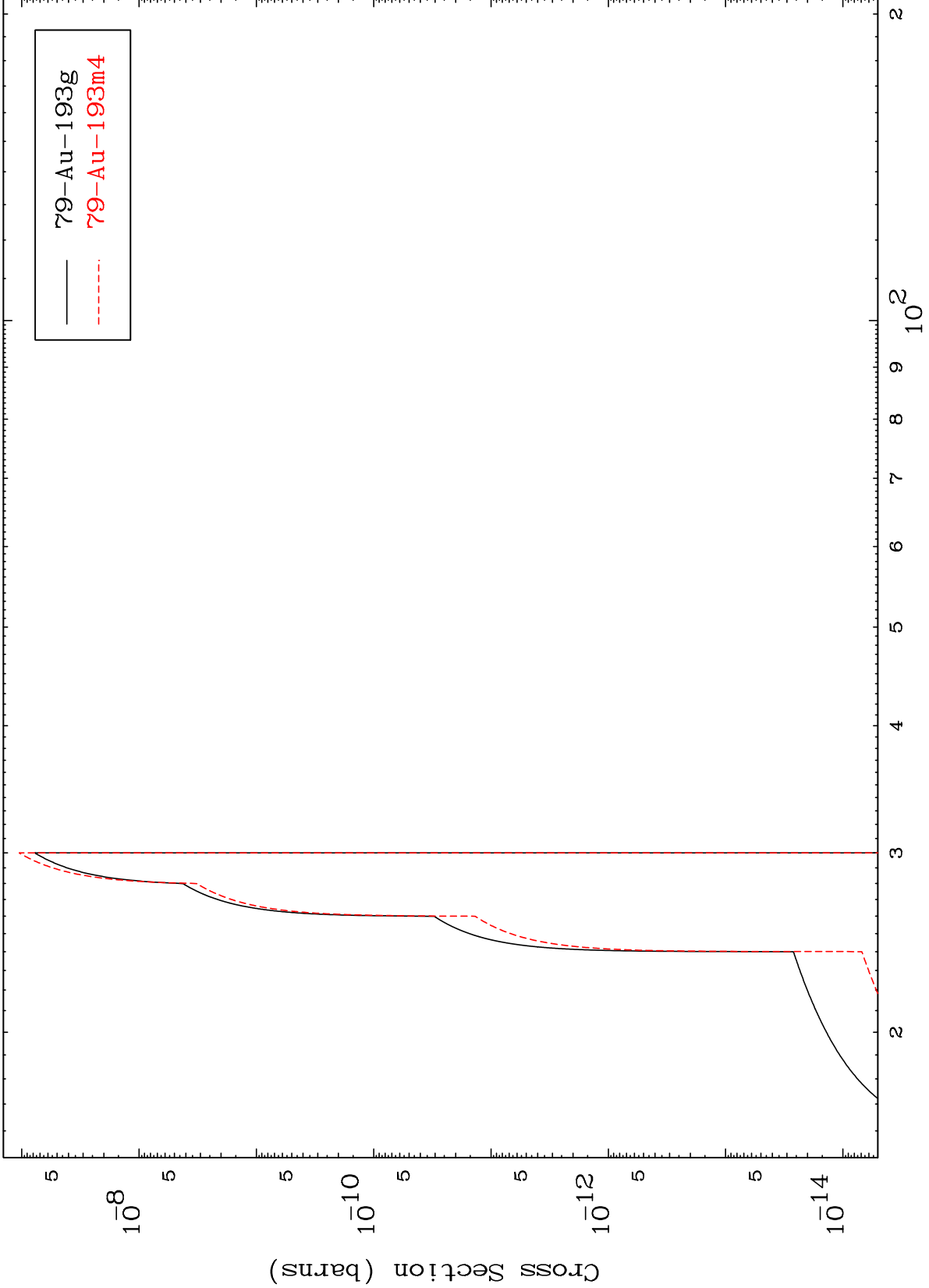
15

MAT 7919

79-Au-195

$(\alpha, 2n) \alpha$

Radionuclide Production Cross Section

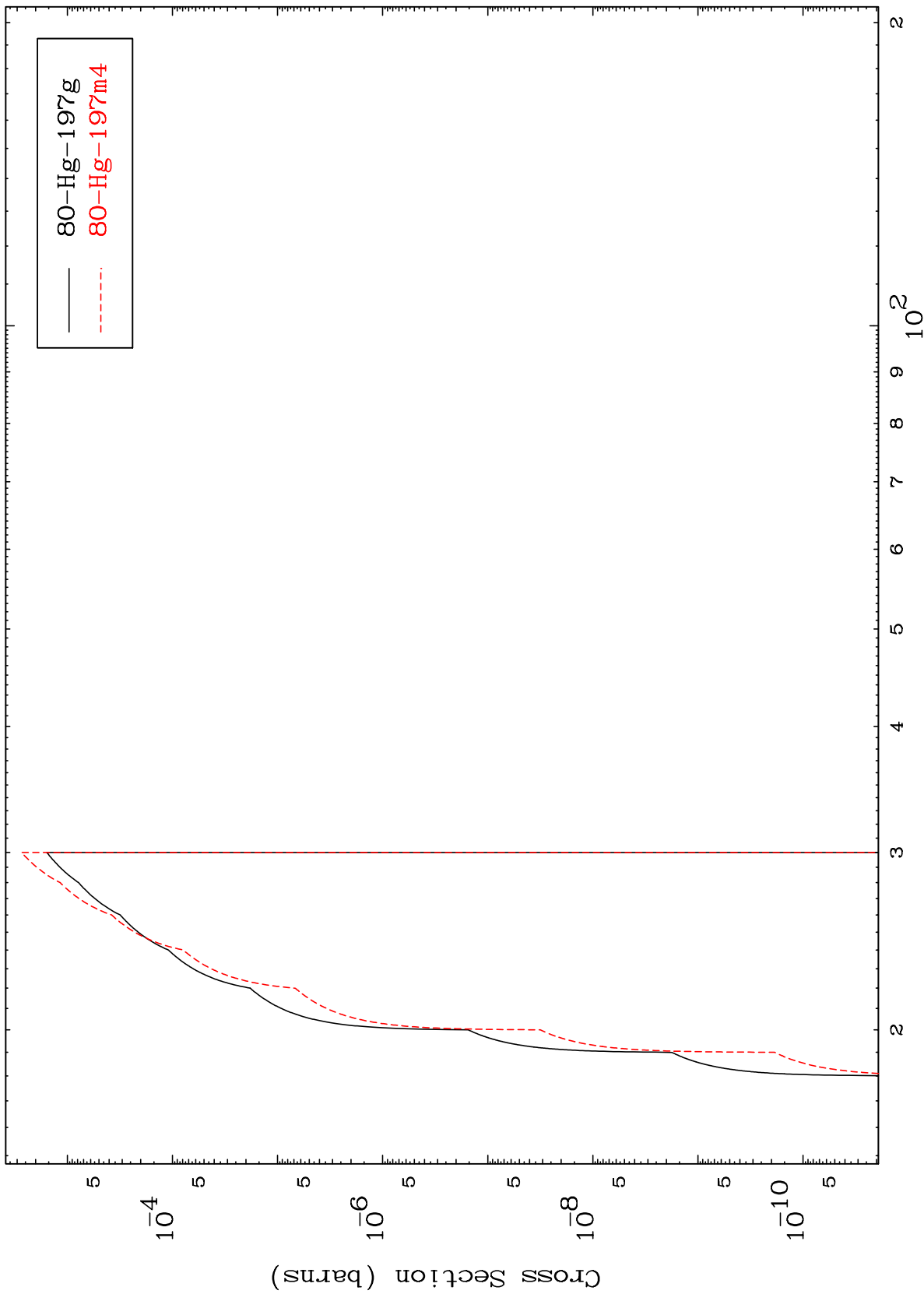


16

Incident Energy (MeV)

79-Au-195

(α, n') p
Radionuclide Production Cross Section

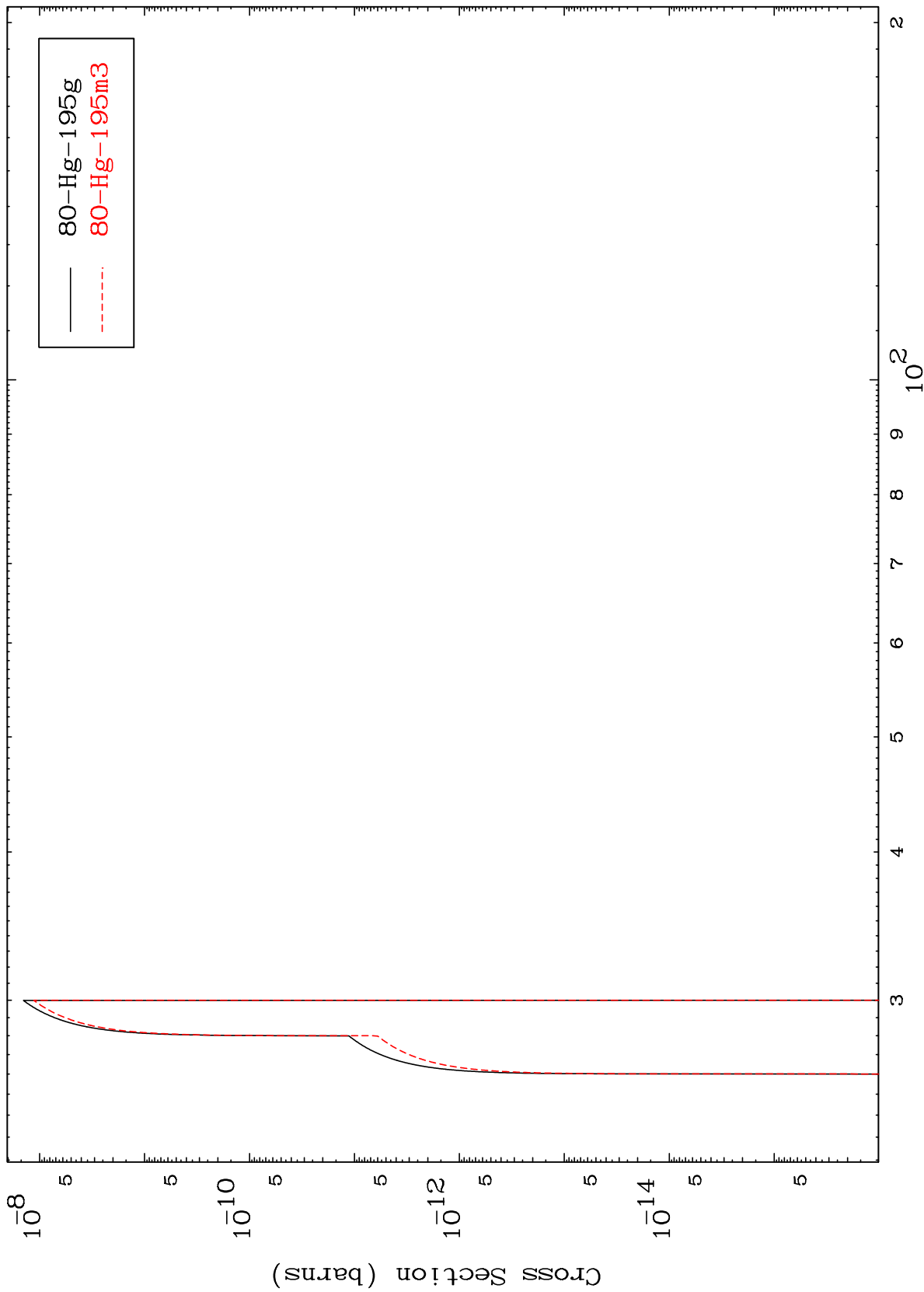


MAT 7919

(α, n') t

79-Au-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

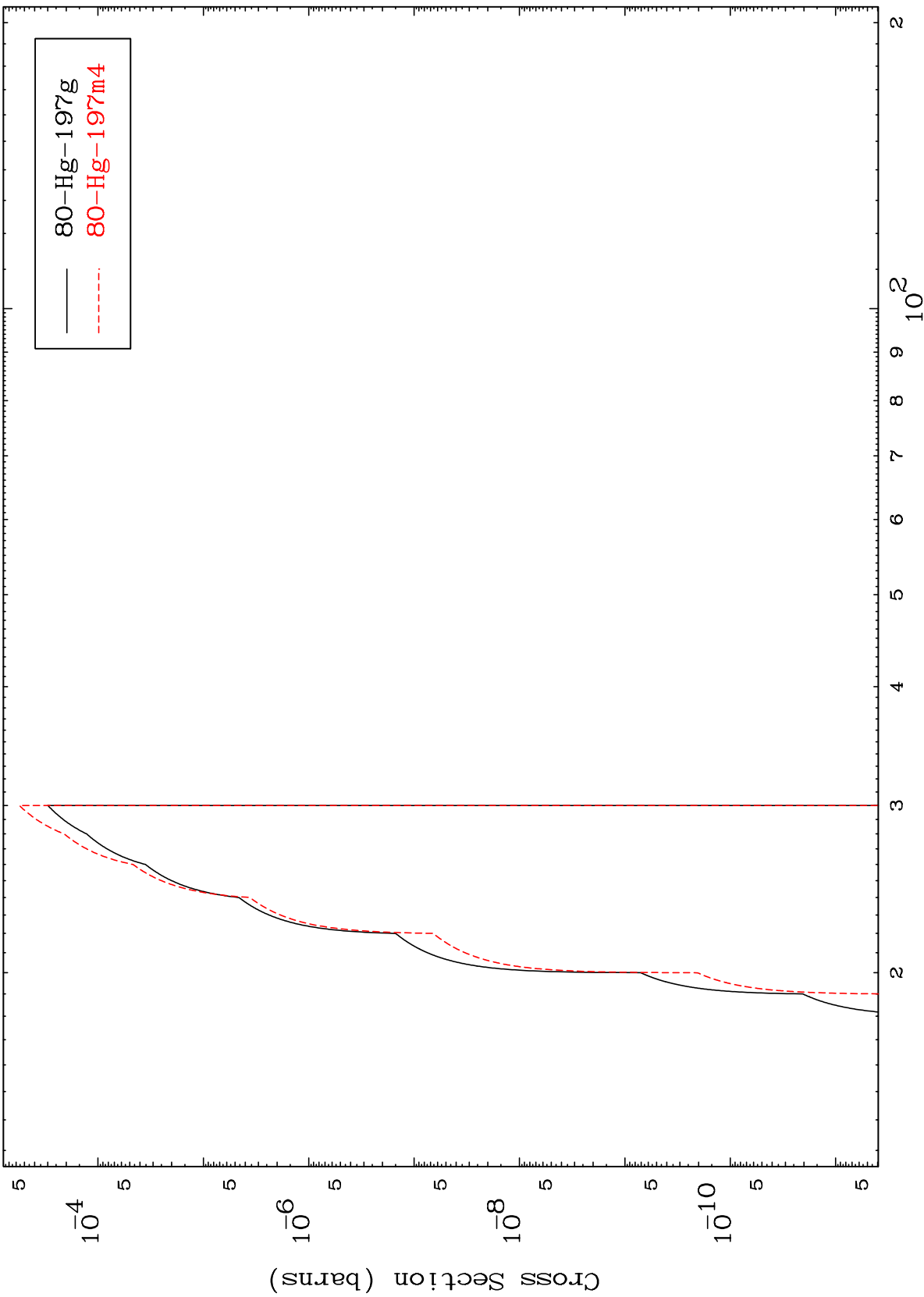
79-Au-195

MAT 7919

(α, d)

79-Au-195

Radionuclide Production Cross Section



19

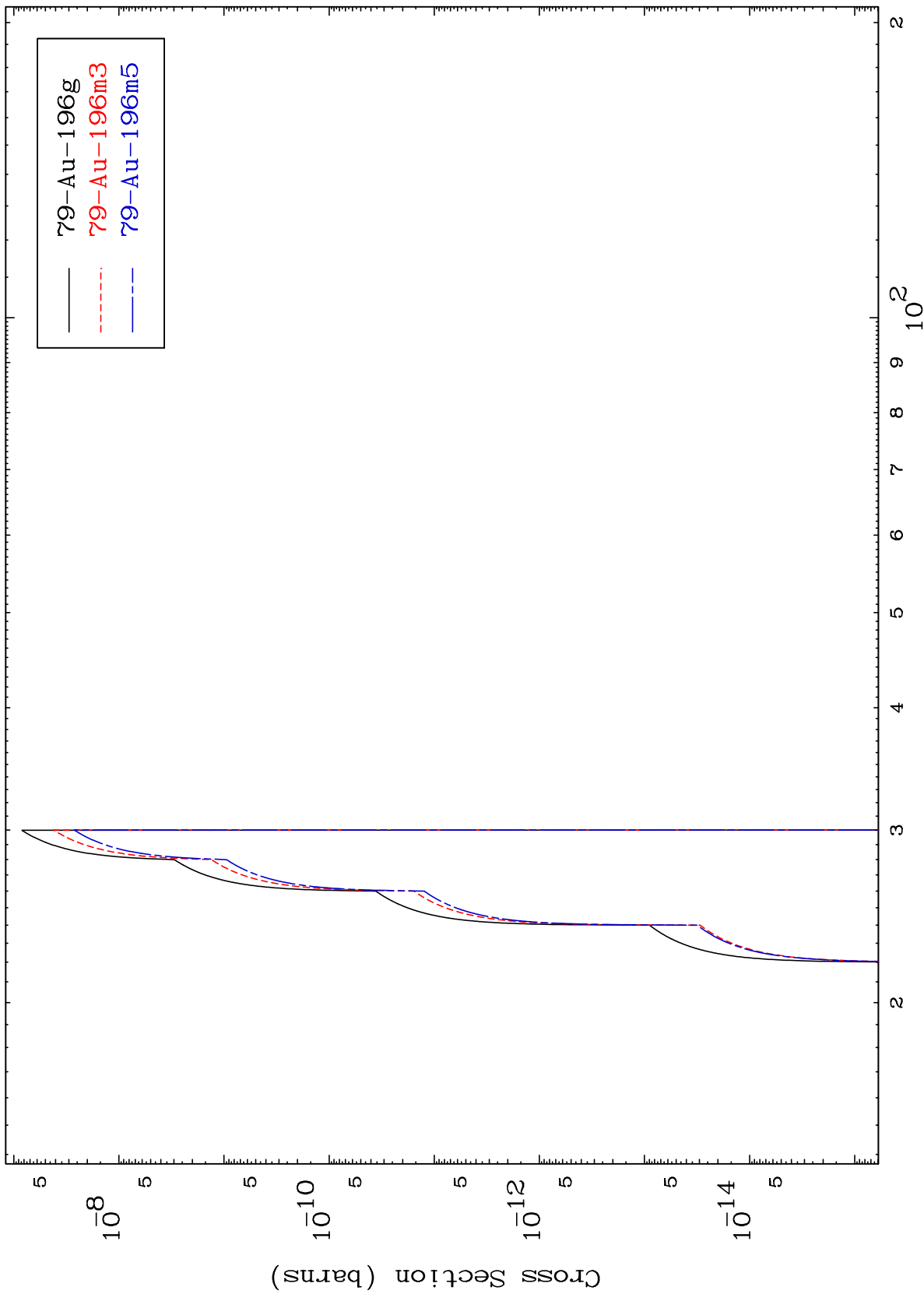
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

($\alpha, \text{He-3}$)
Radionuclide Production Cross Section



20

79-Au-195

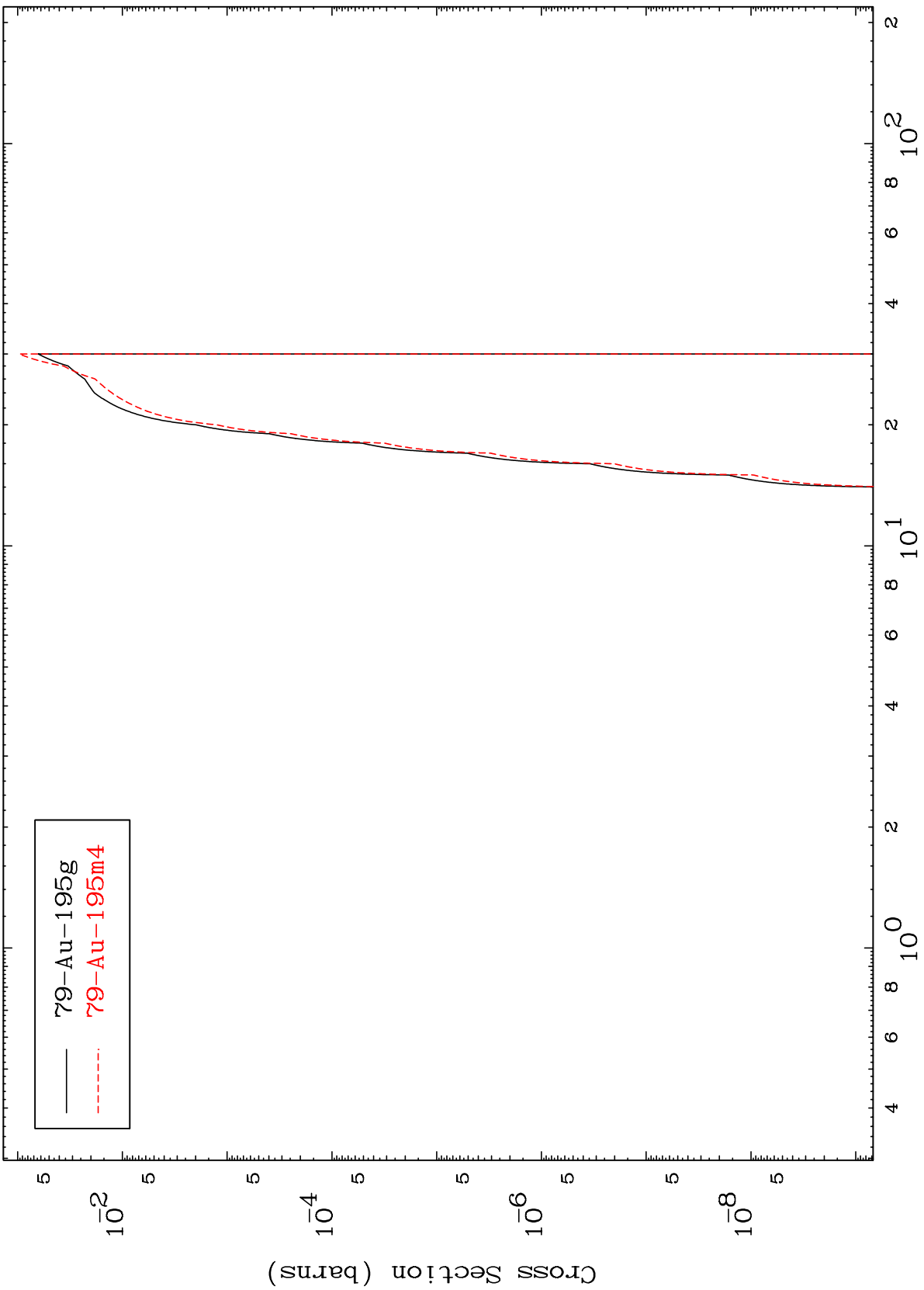
Incident Energy (MeV)

MAT 7919

(α, α)

79-Au-195

Radionuclide Production Cross Section



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

