

Program EVALPLOT
(Version 2021-1)

by

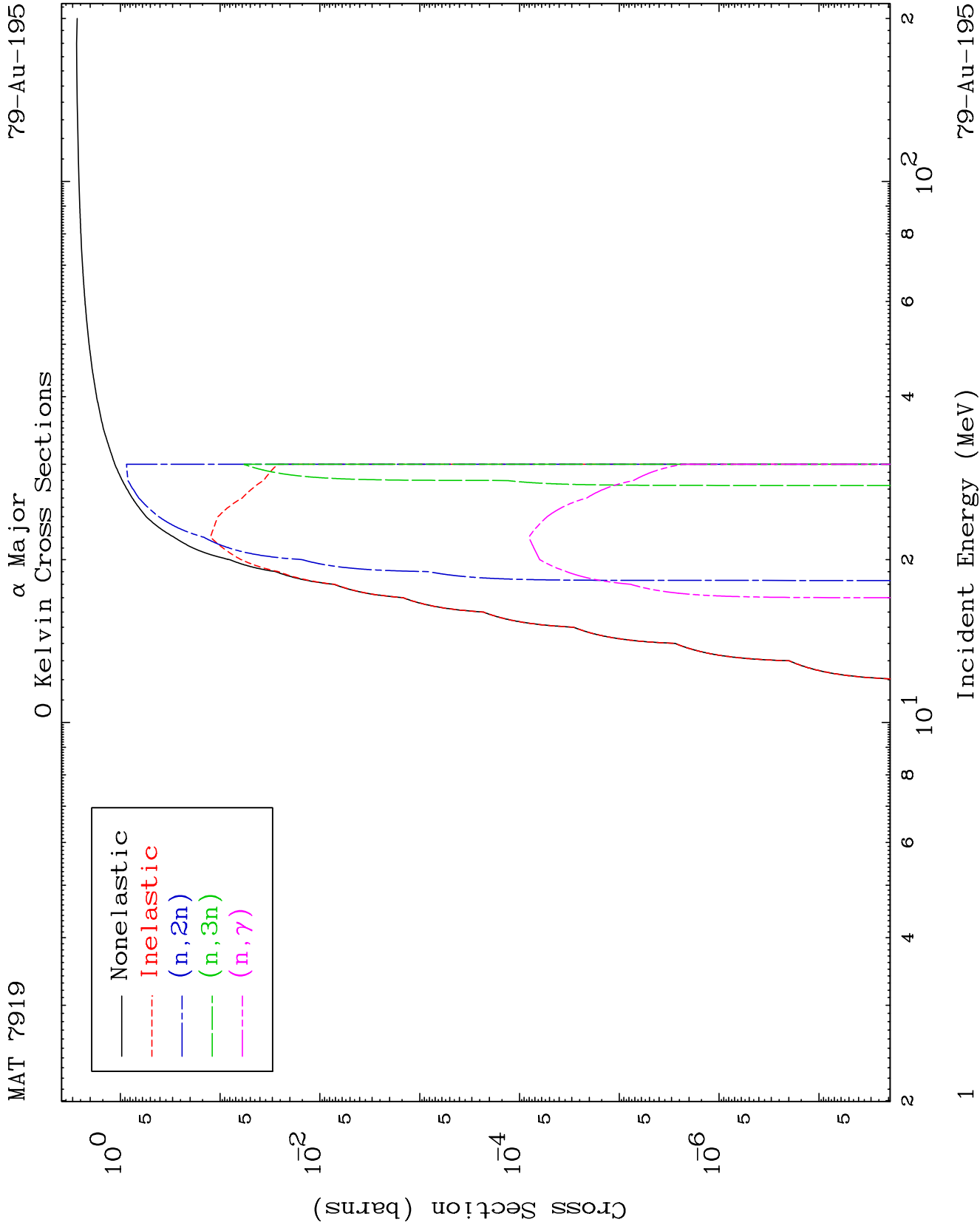
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

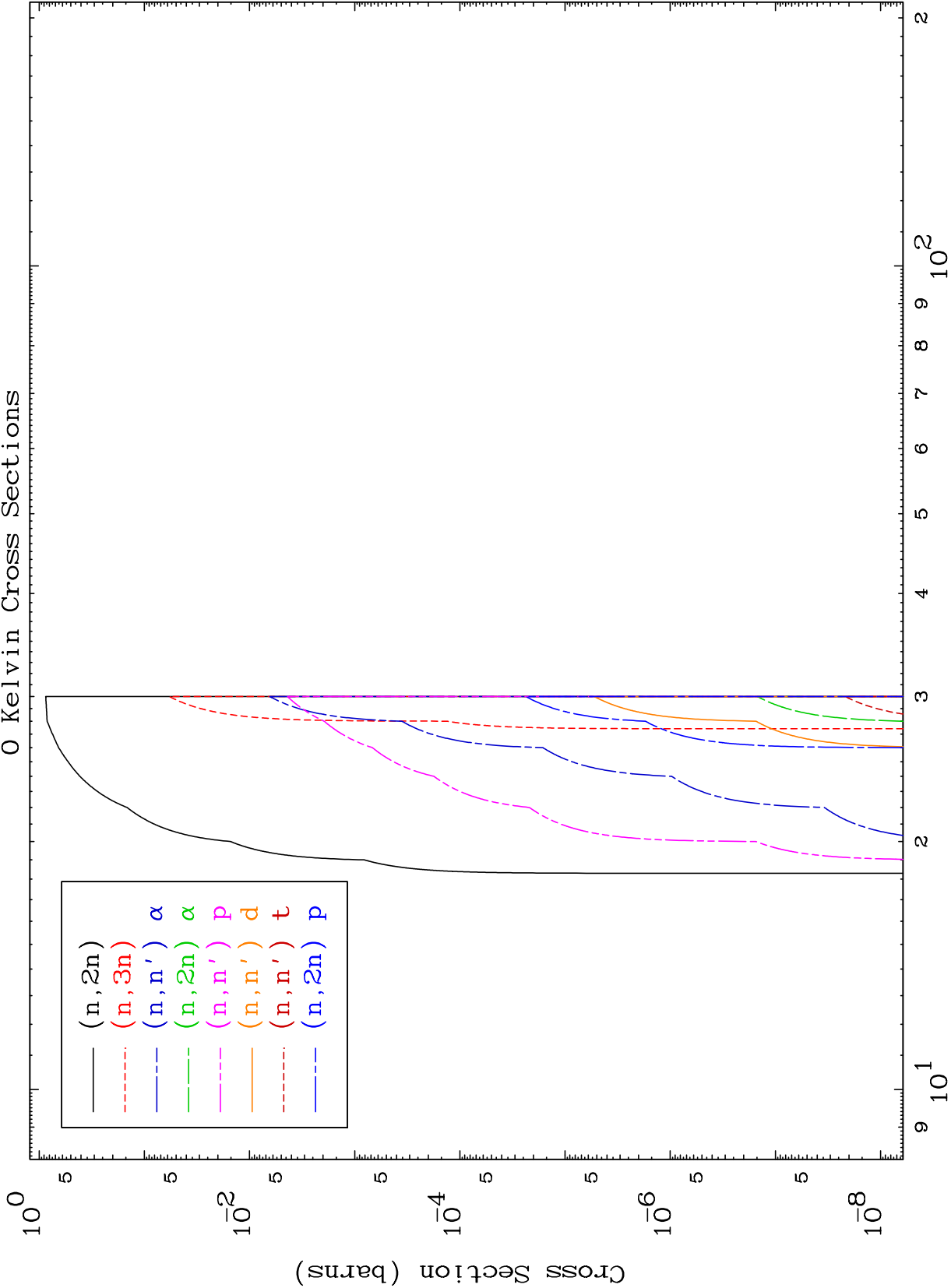
Press Mouse Button to Start



MAT 7919

α Neutron Absorption
0 Kelvin Cross Sections

79-Au-195

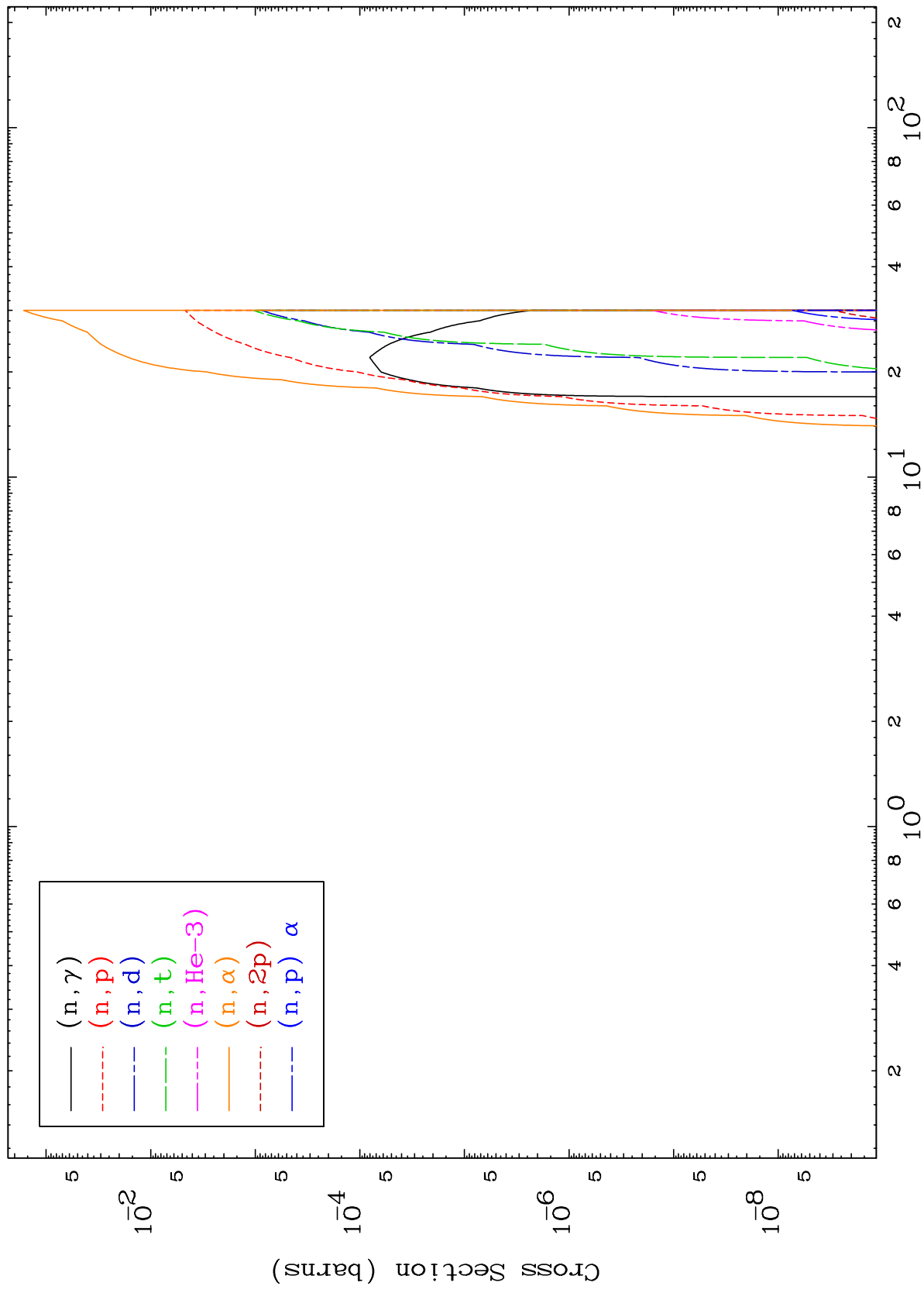


2

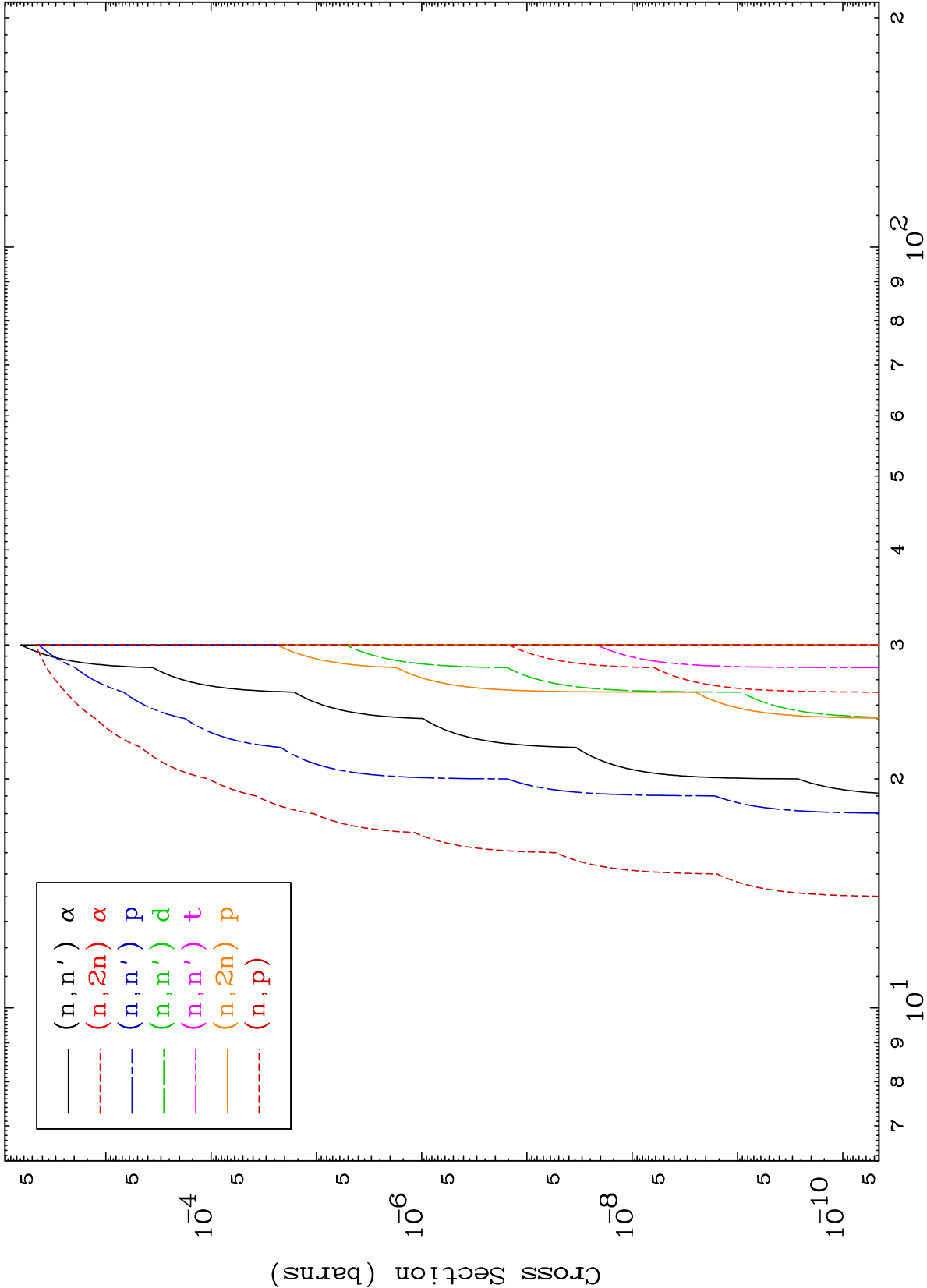
Incident Energy (MeV)

79-Au-195

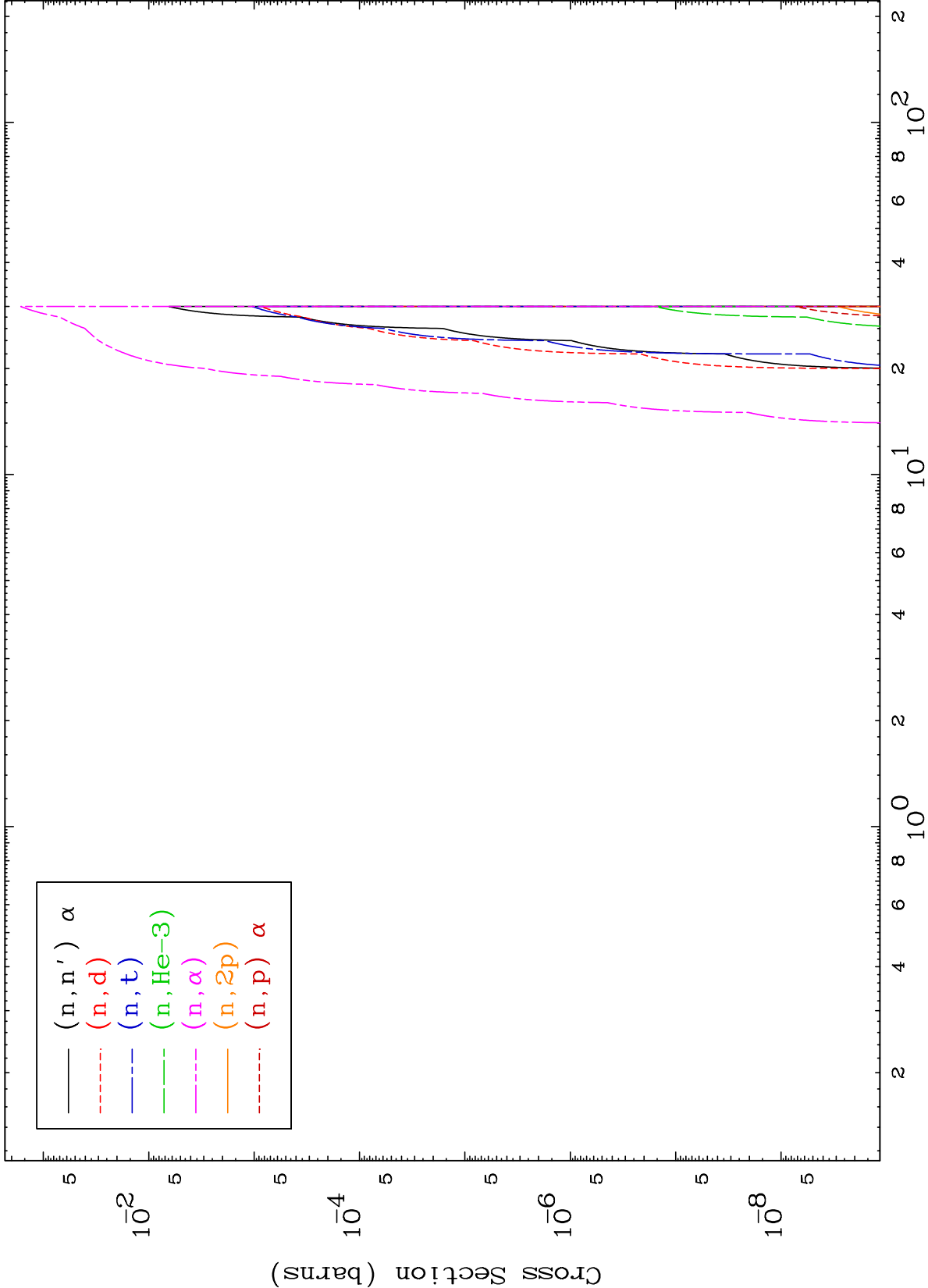
0 Kelvin Cross Sections



0 Kelvin Cross Sections



0 Kelvin Cross Sections



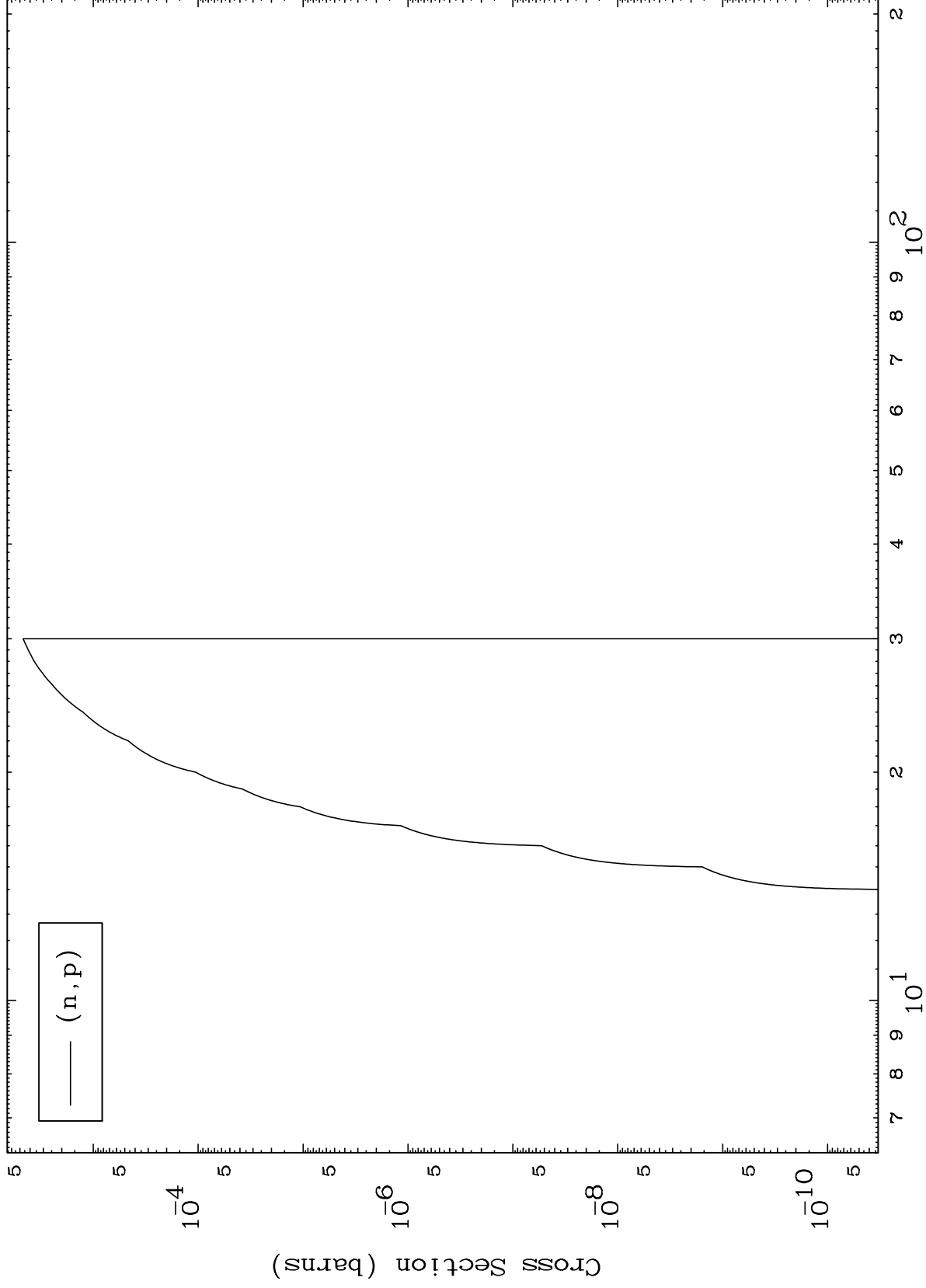
Incident Energy (MeV)

MAT 7919

(α ,p) Levels

79-Au-195

0 Kelvin Cross Sections



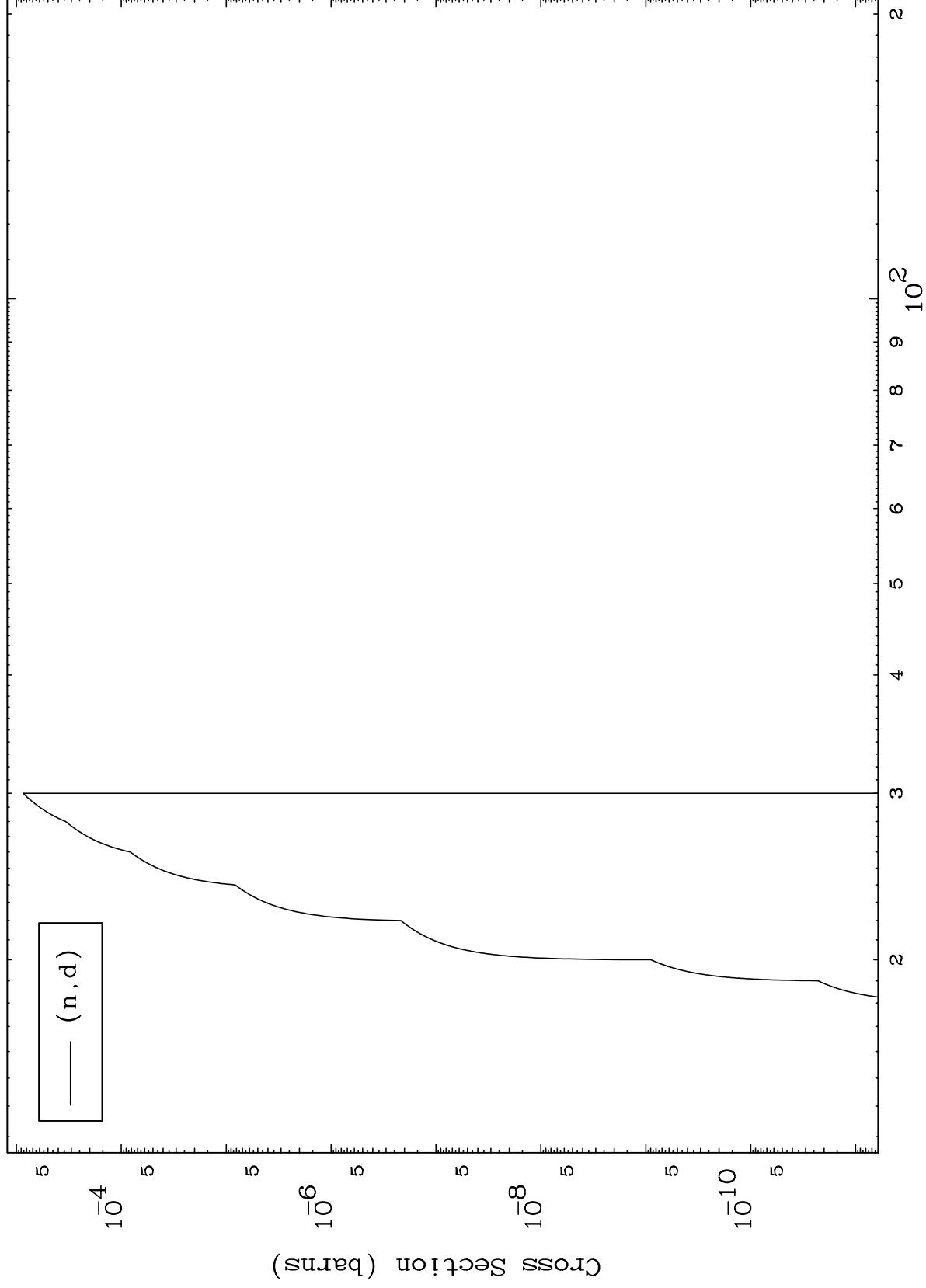
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(α, d) Levels
0 Kelvin Cross Sections

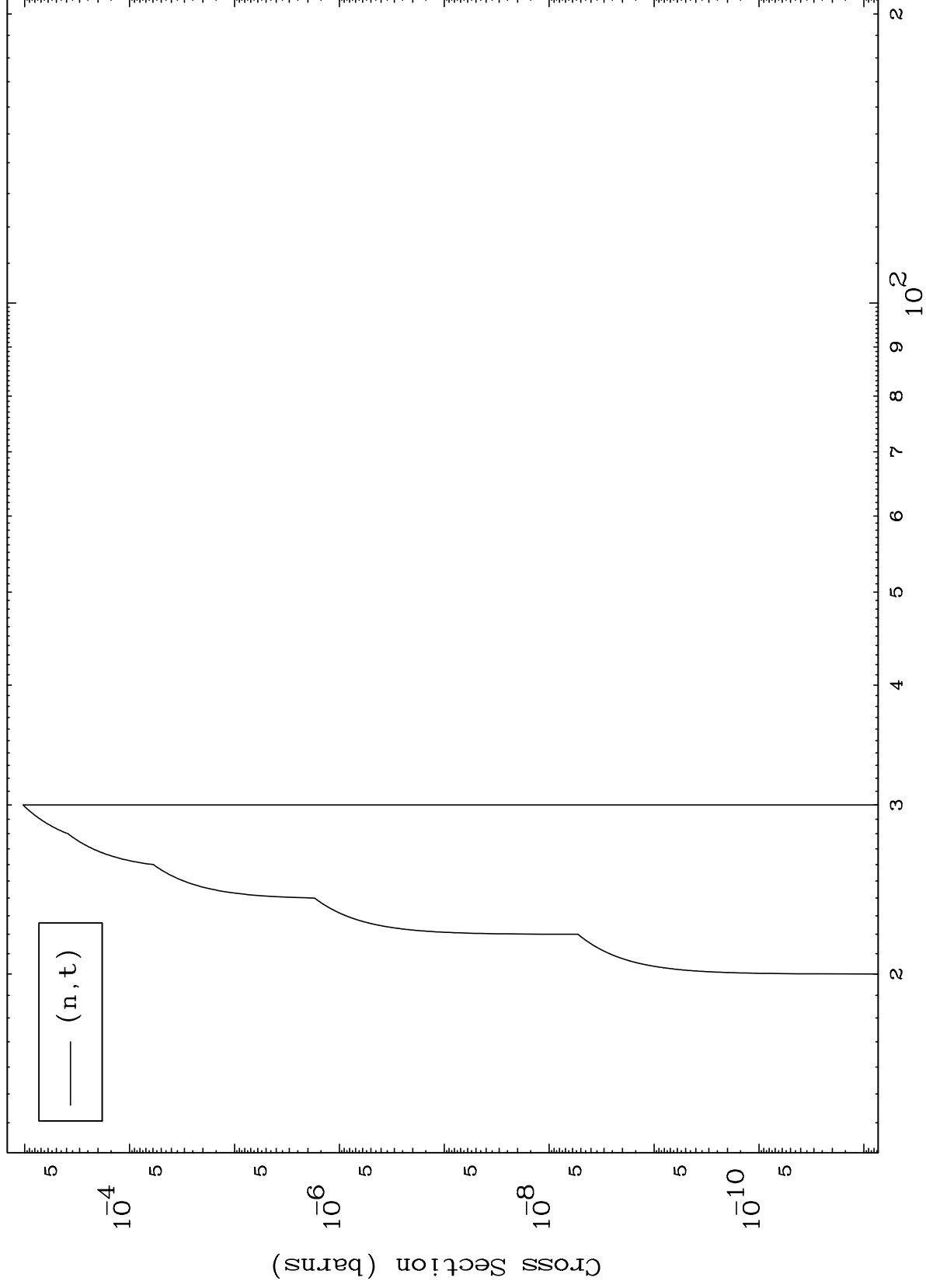


7

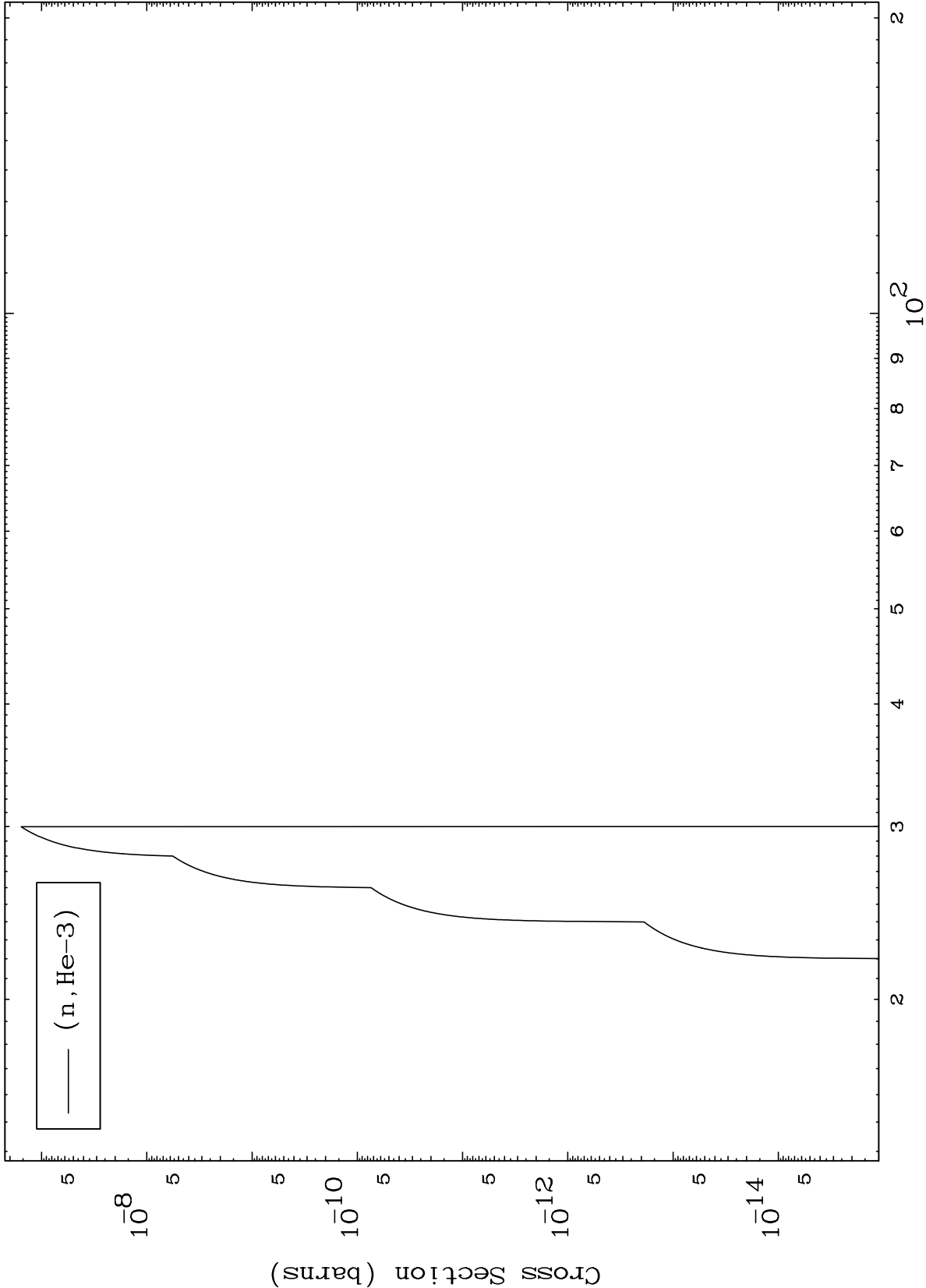
Incident Energy (MeV)

79-Au-195

(α, t) Levels
0 Kelvin Cross Sections



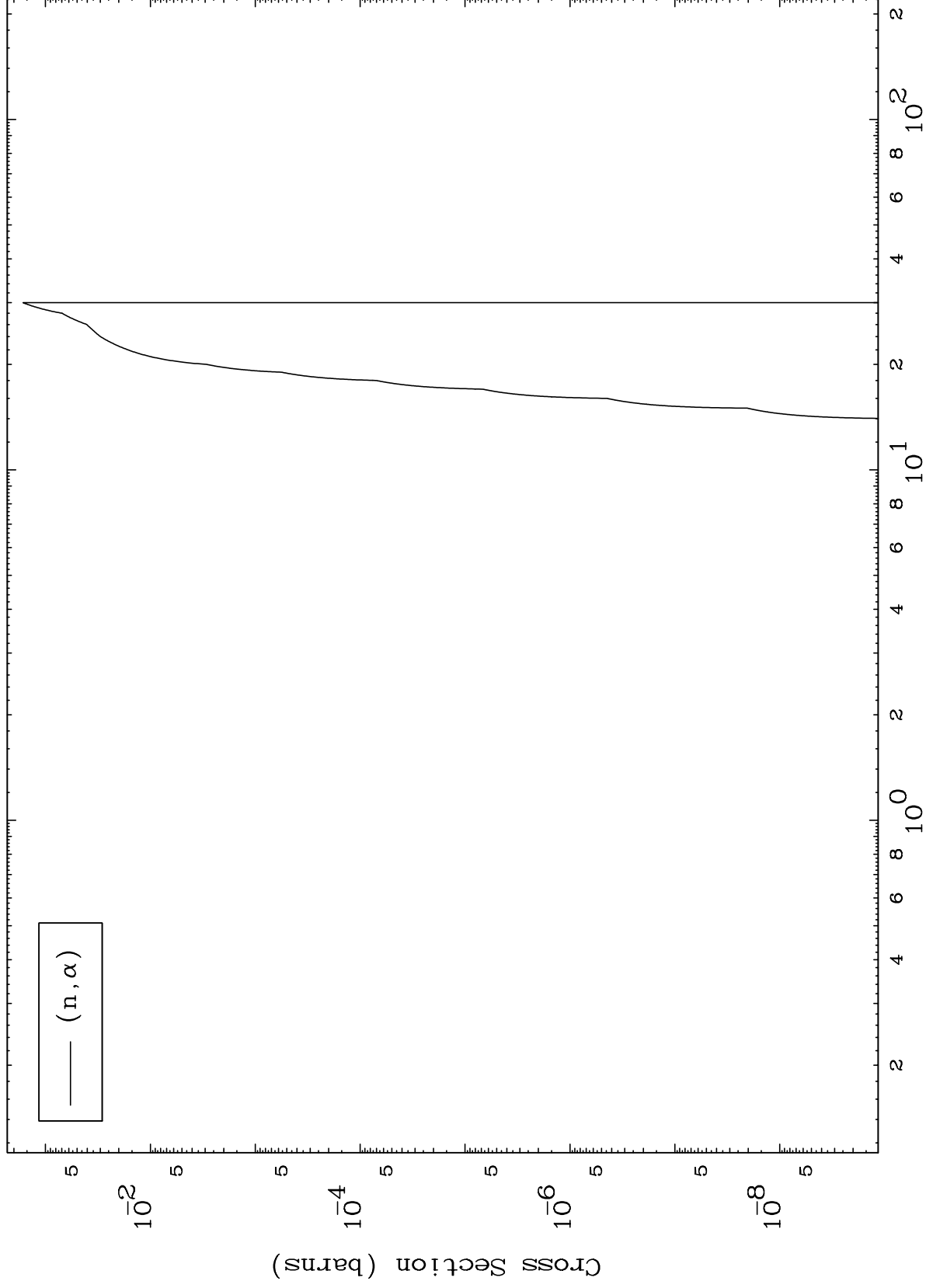
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 7919

79-Au-195

(α, α) Levels
0 Kelvin Cross Sections

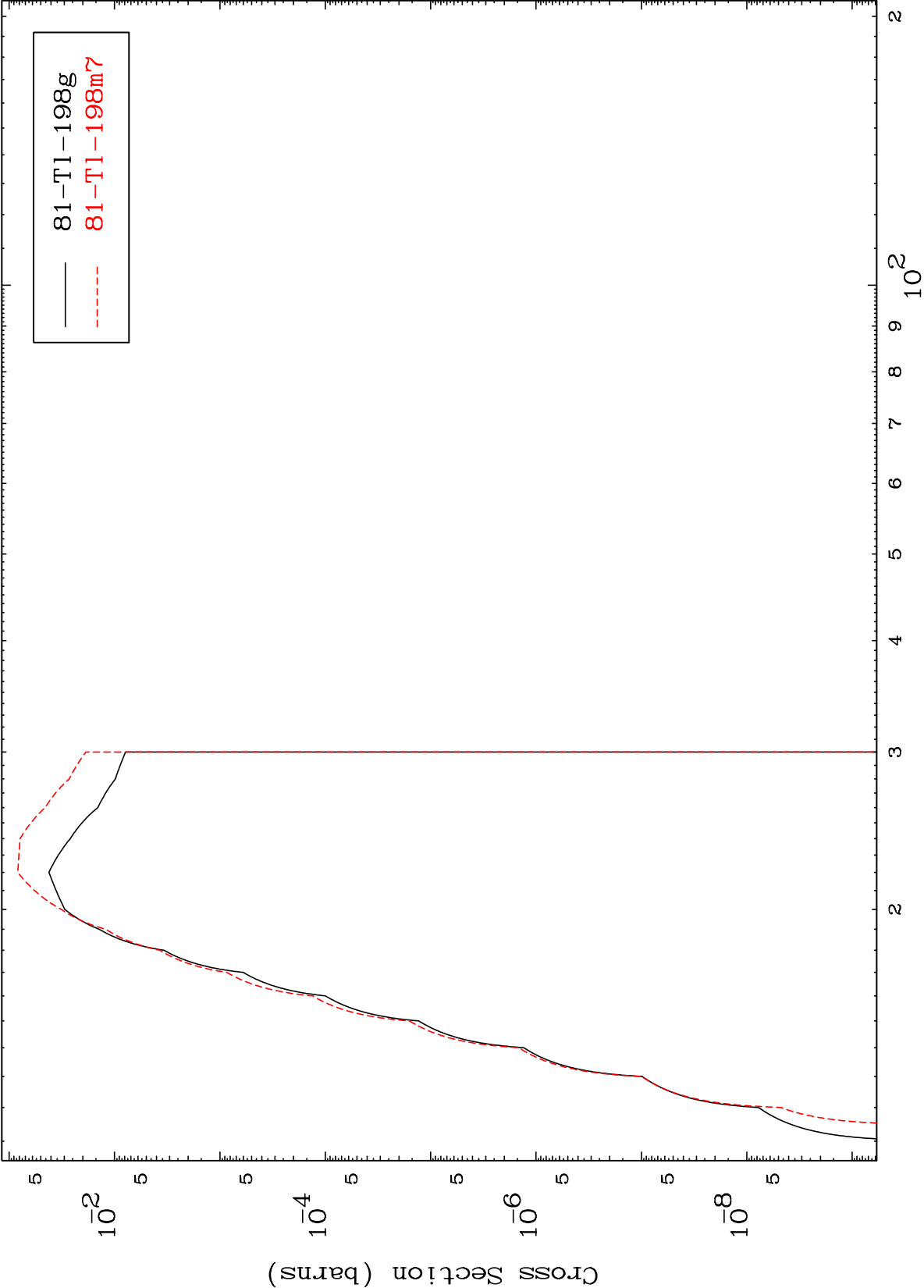


79-Au-195

Incident Energy (MeV)

10

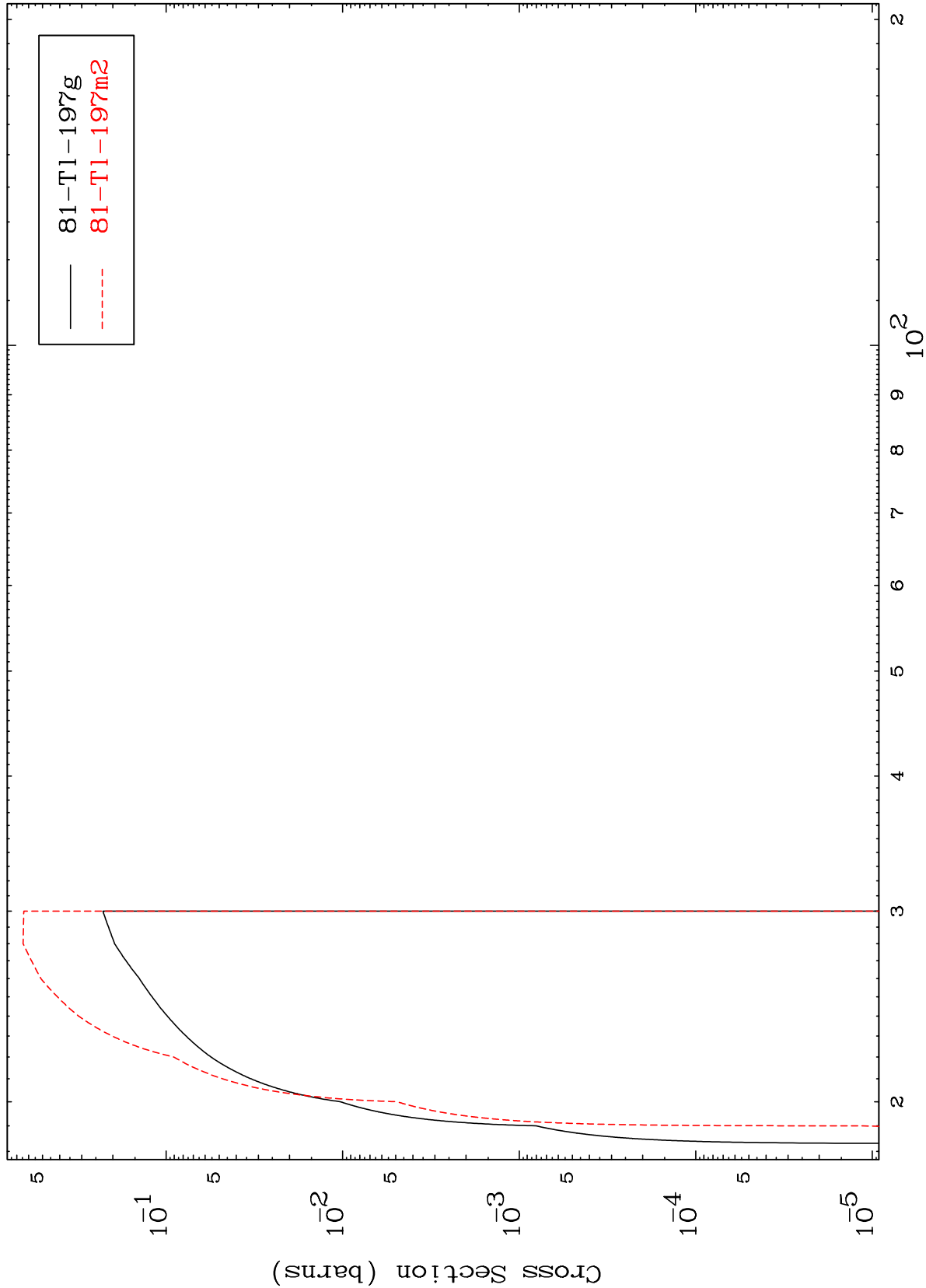
Inelastic
Radionuclide Production Cross Section



MAT 7919

79-Au-195

(n,2n)
Radionuclide Production Cross Section



12

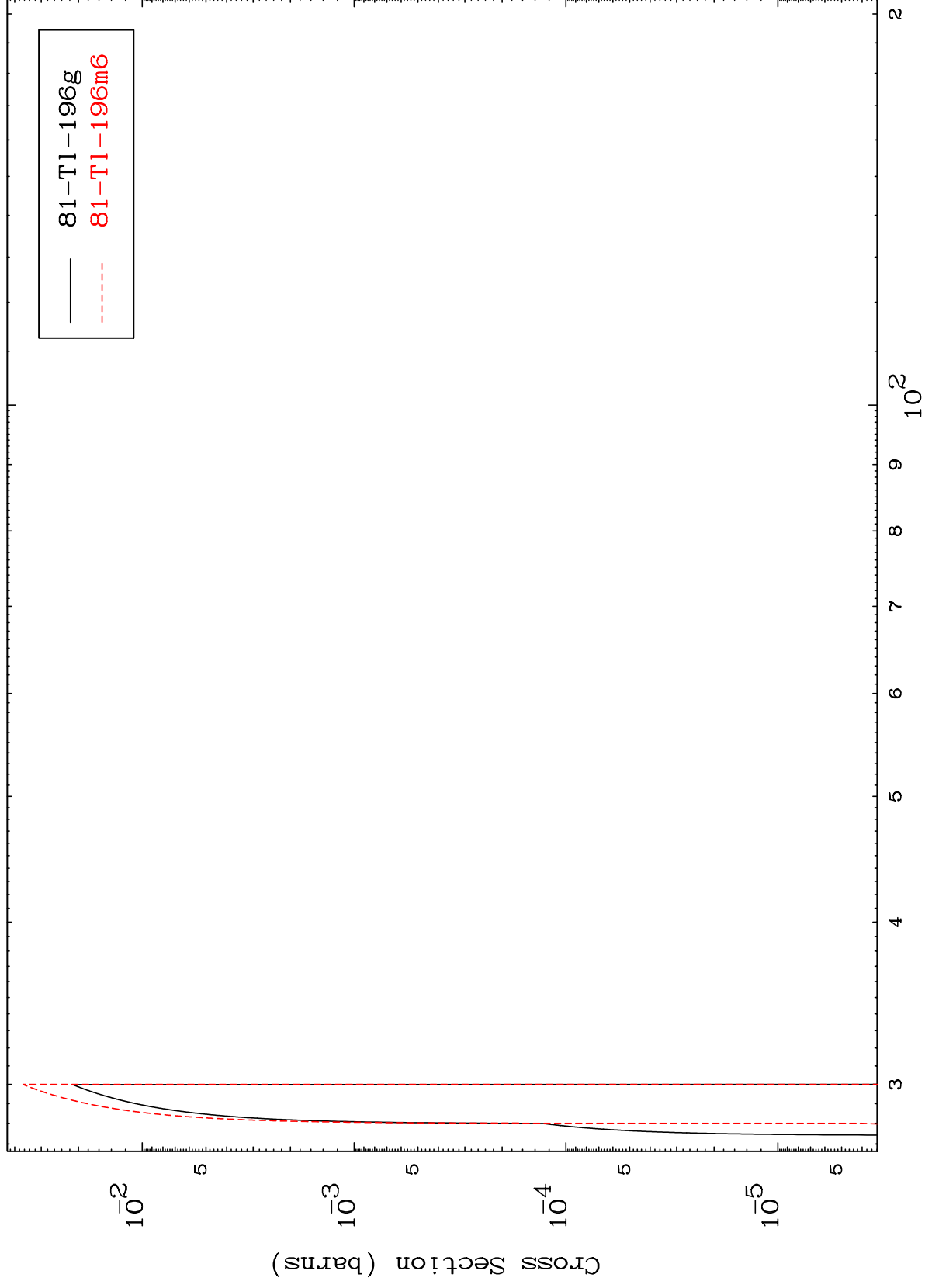
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

Radionuclide Production Cross Section
(n,3n)



13

Incident Energy (MeV)

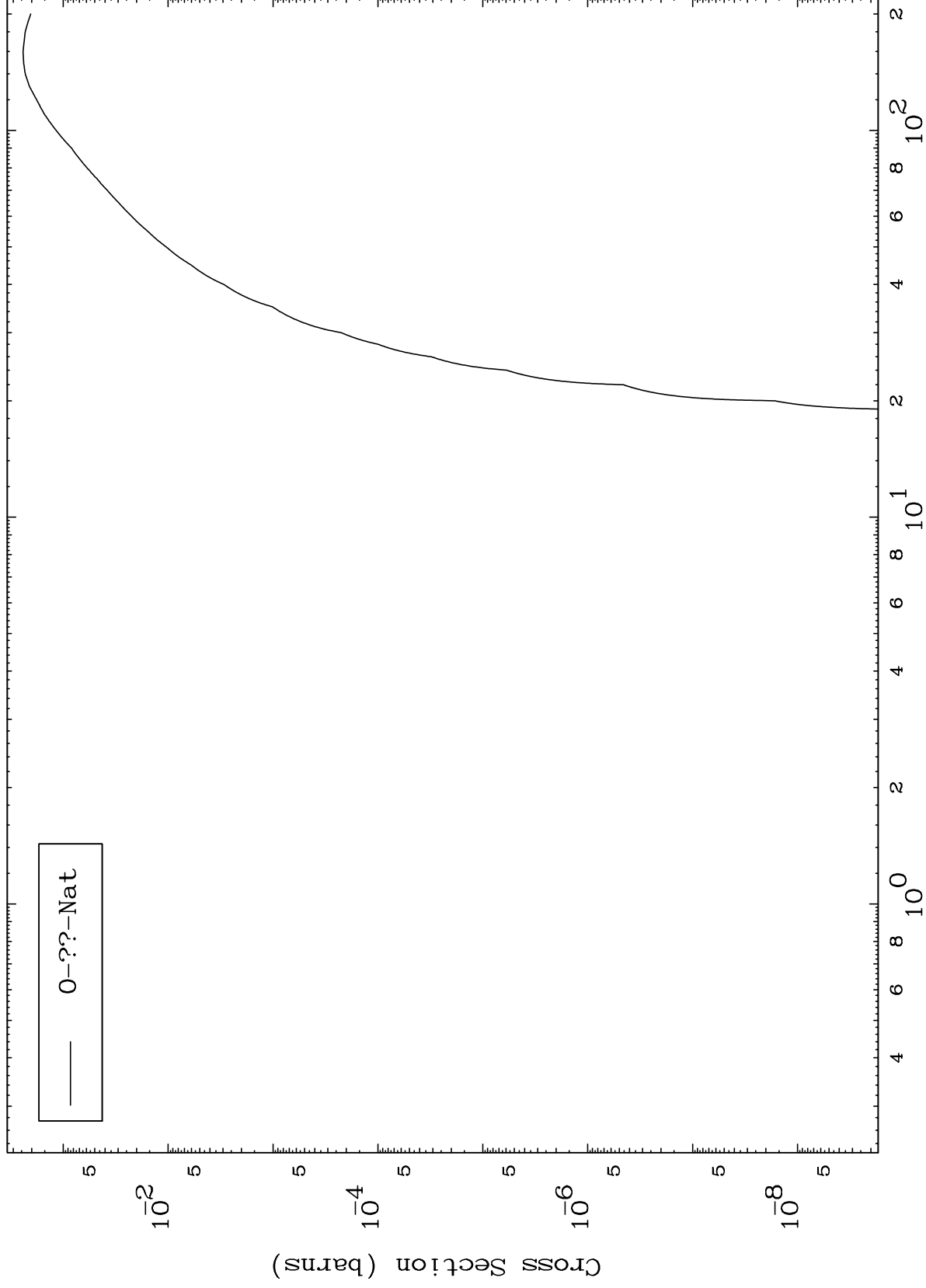
79-Au-195

MAT 7919

Fission

⁷⁹Au-195

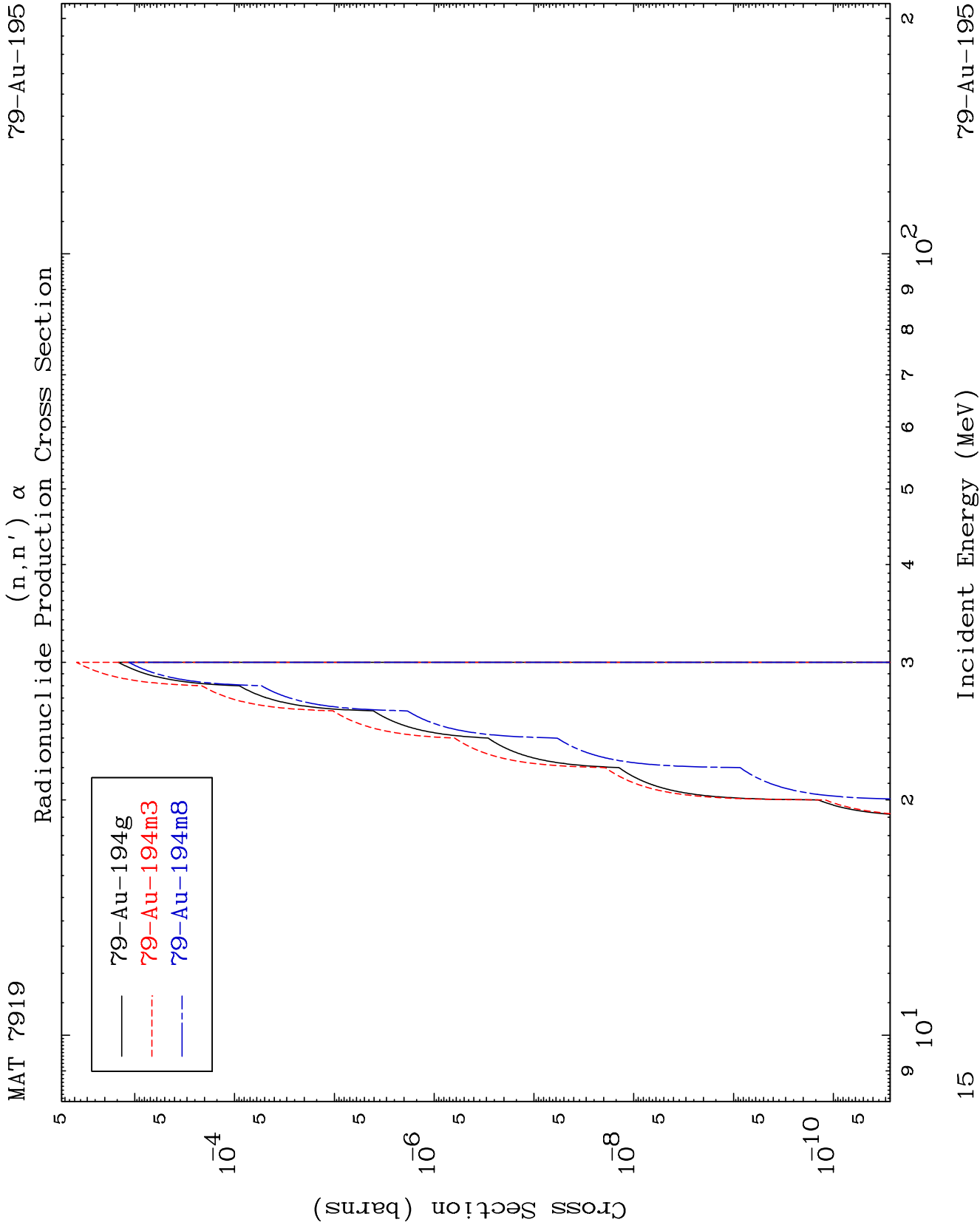
Radionuclide Production Cross Section



14

Incident Energy (MeV)

⁷⁹Au-195

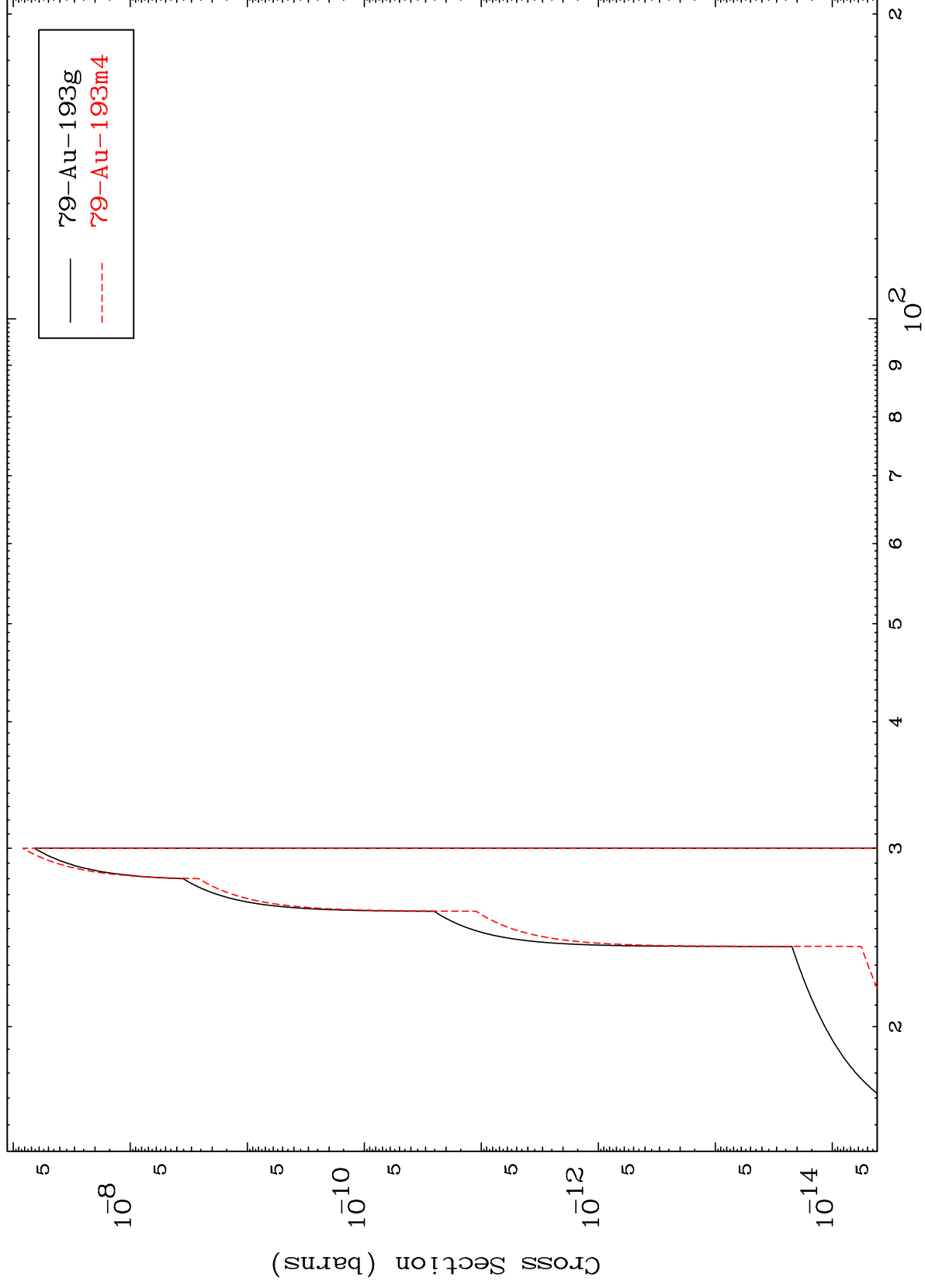


MAT 7919

79-Au-195

(n,2n) α

Radionuclide Production Cross Section



16

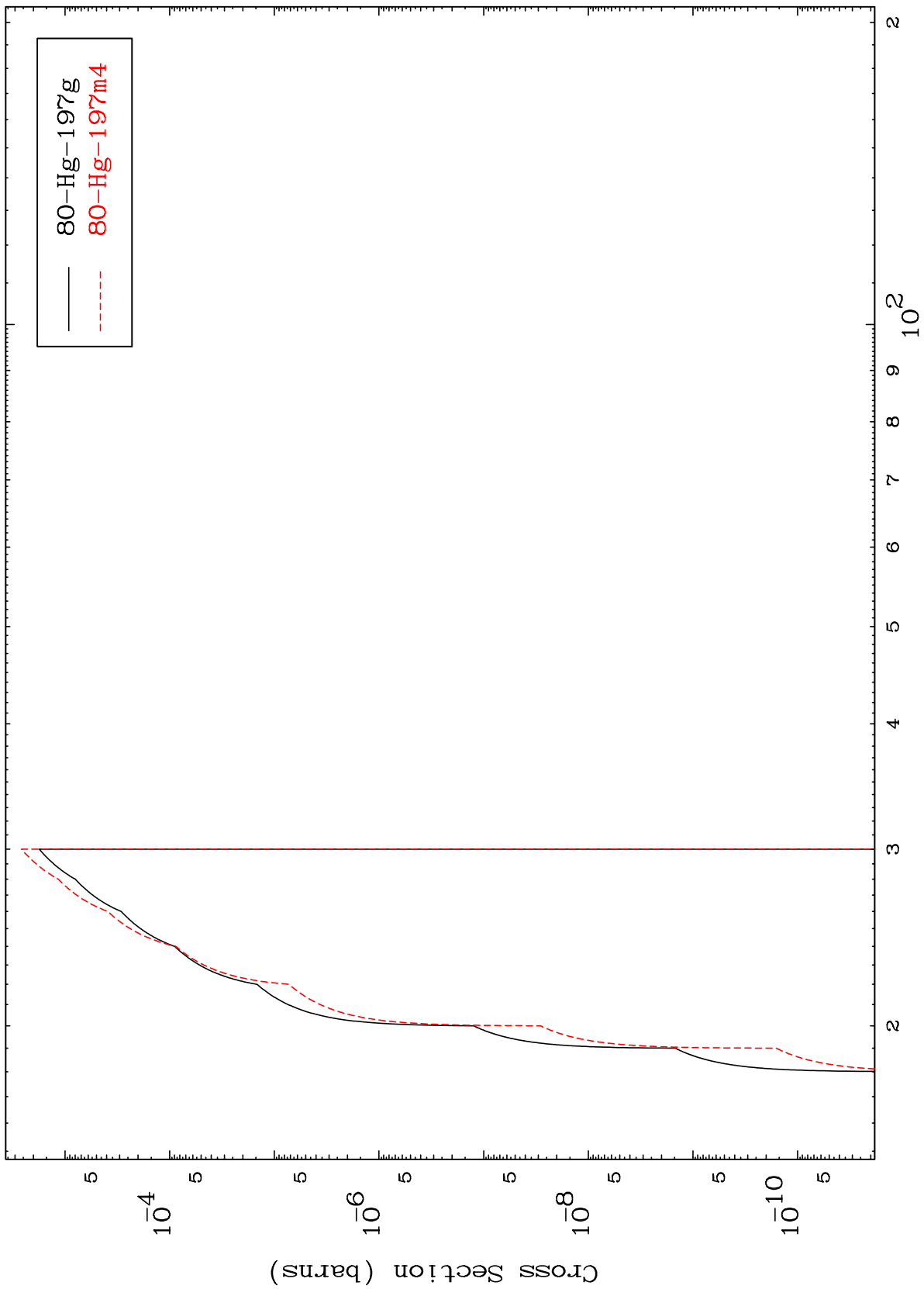
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,n') p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

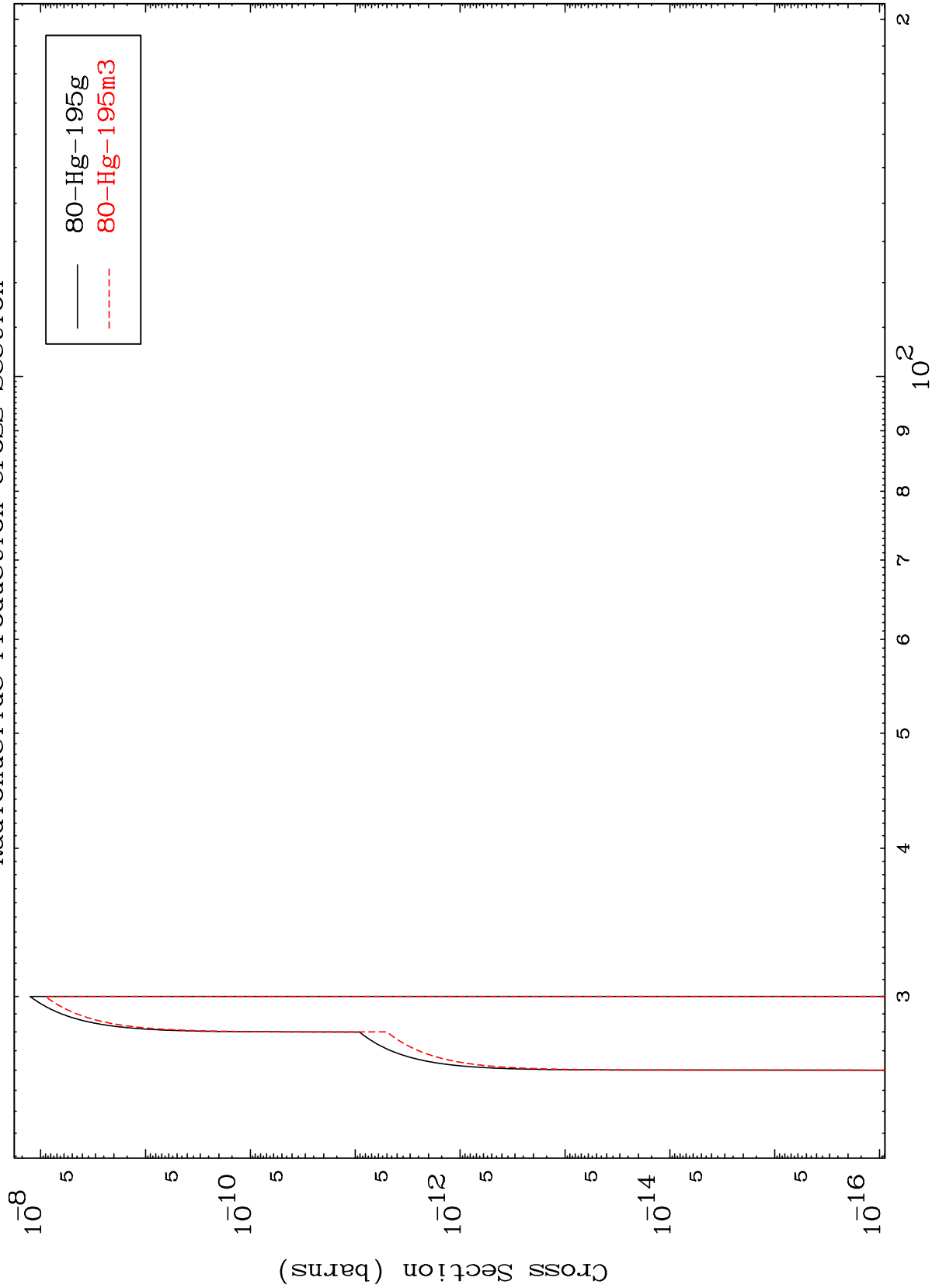
79-Au-195

MAT 7919

(n,n') t

79-Au-195

Radionuclide Production Cross Section



18

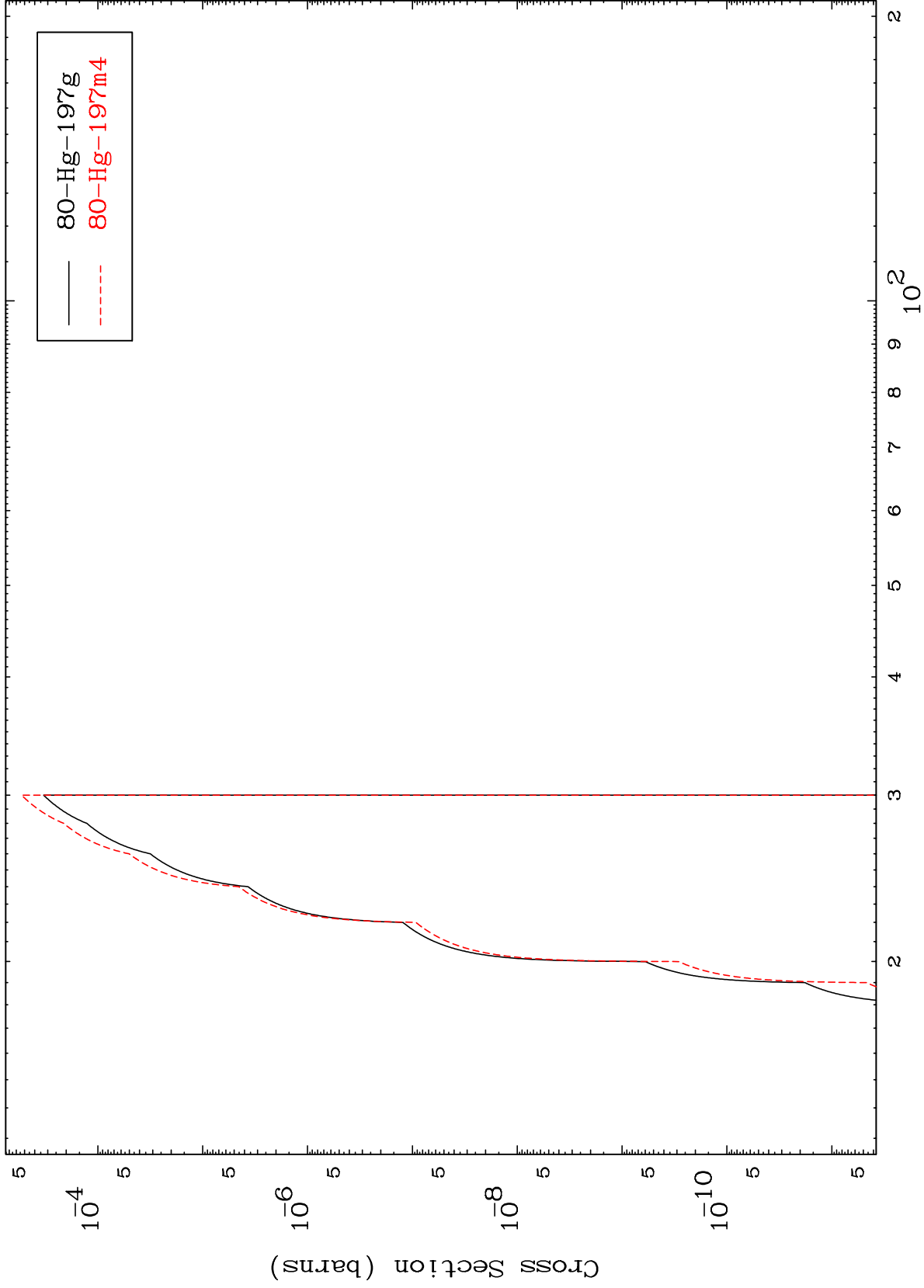
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,d)
Radionuclide Production Cross Section



19

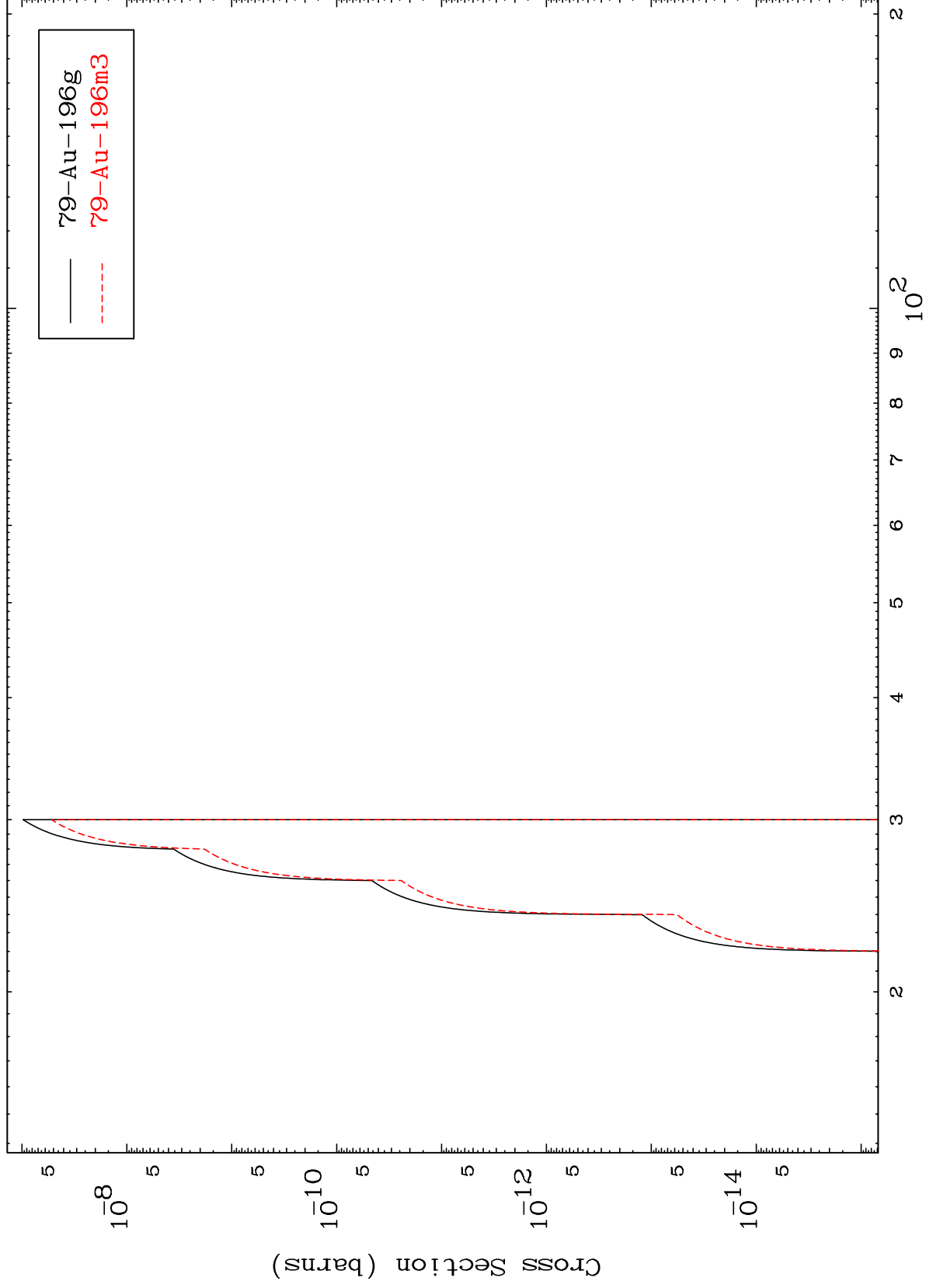
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

Radionuclide Production Cross Section
(n,He-3)



20

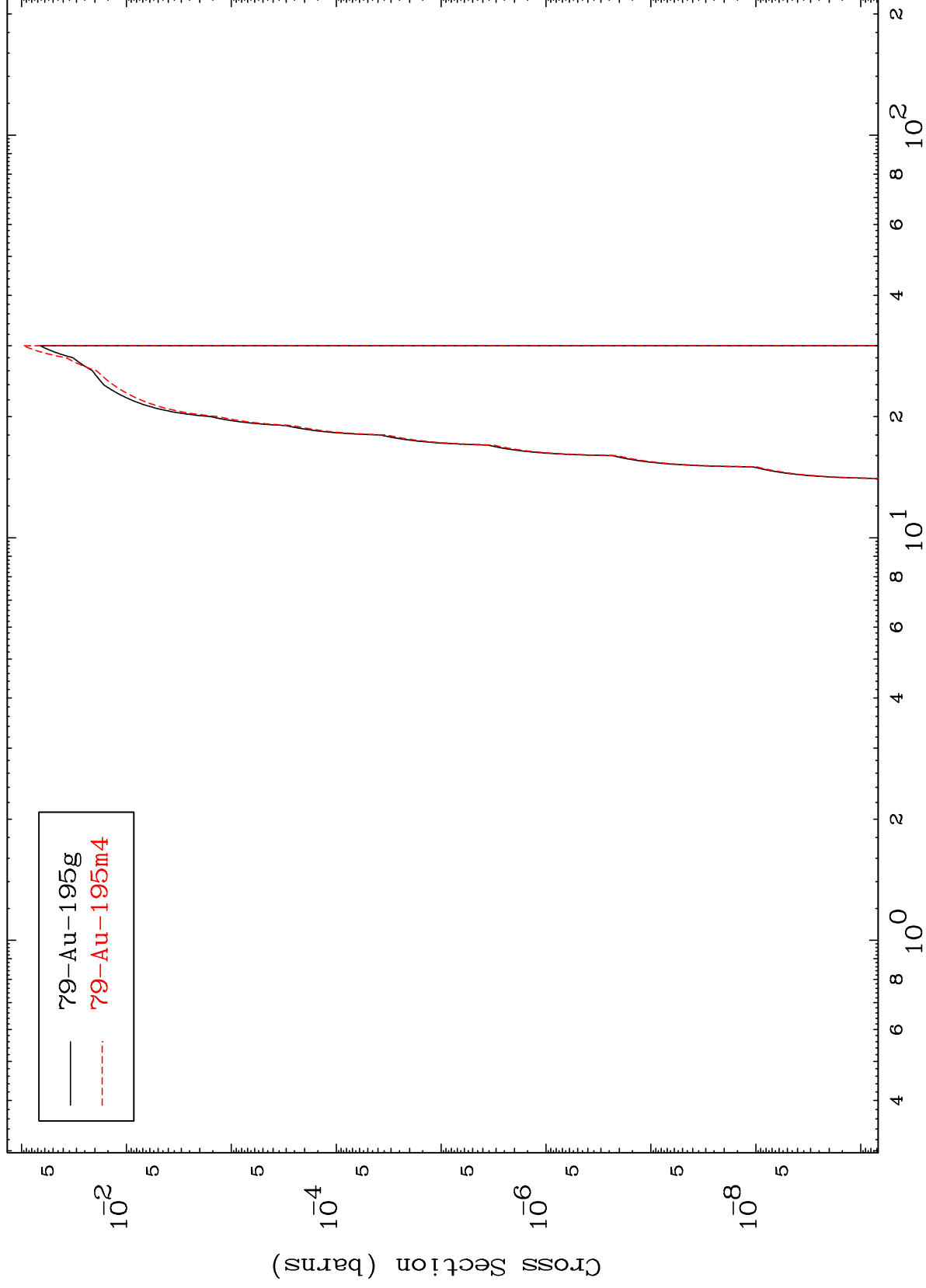
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

Radionuclide Production Cross Section



21

Incident Energy (MeV)

79-Au-195

(n,2p)
Radionuclide Production Cross Section

