

Program EVALPLOT
(Version 2021-1)

by

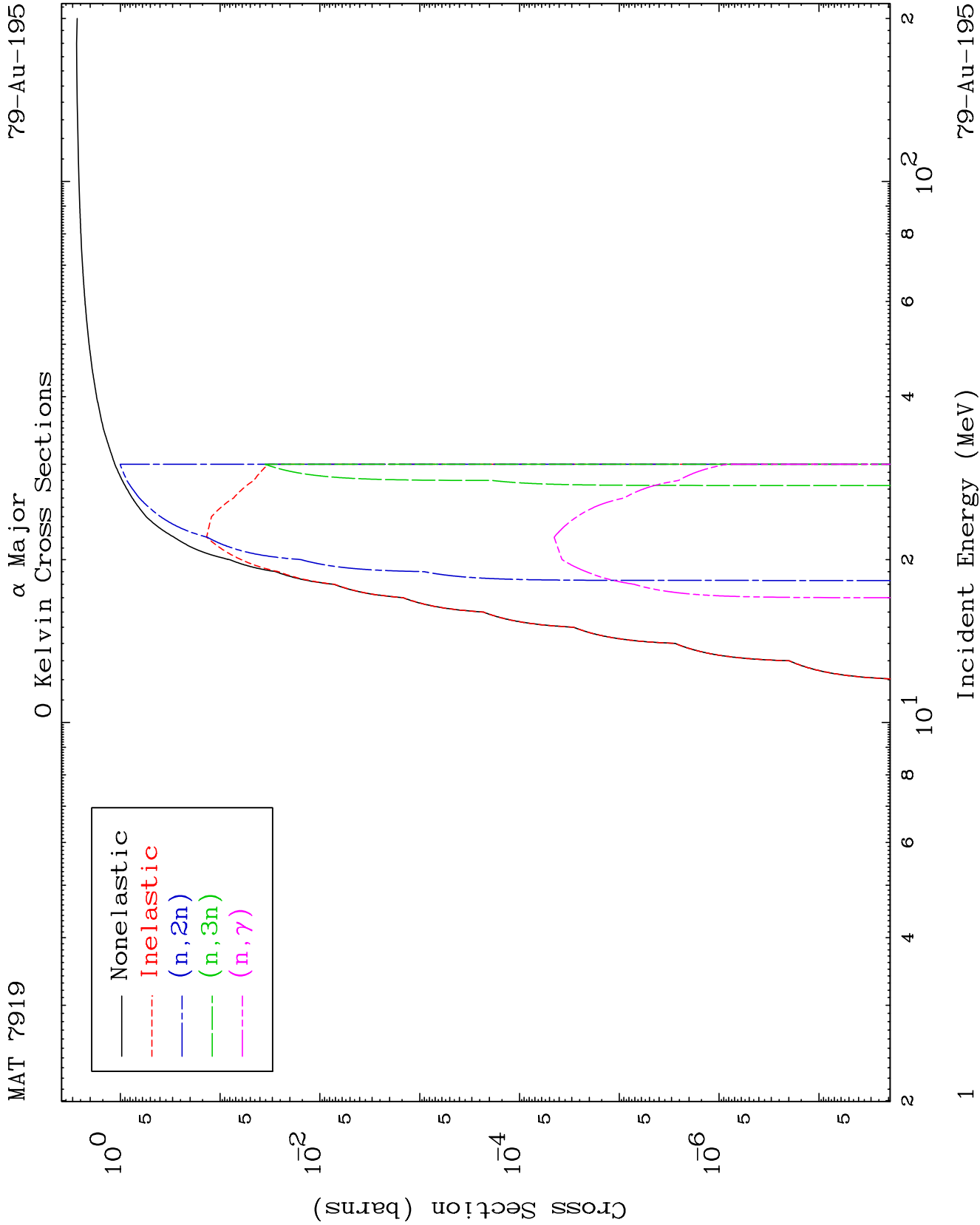
Dermott E. Cullen
(Present Contact Information)

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

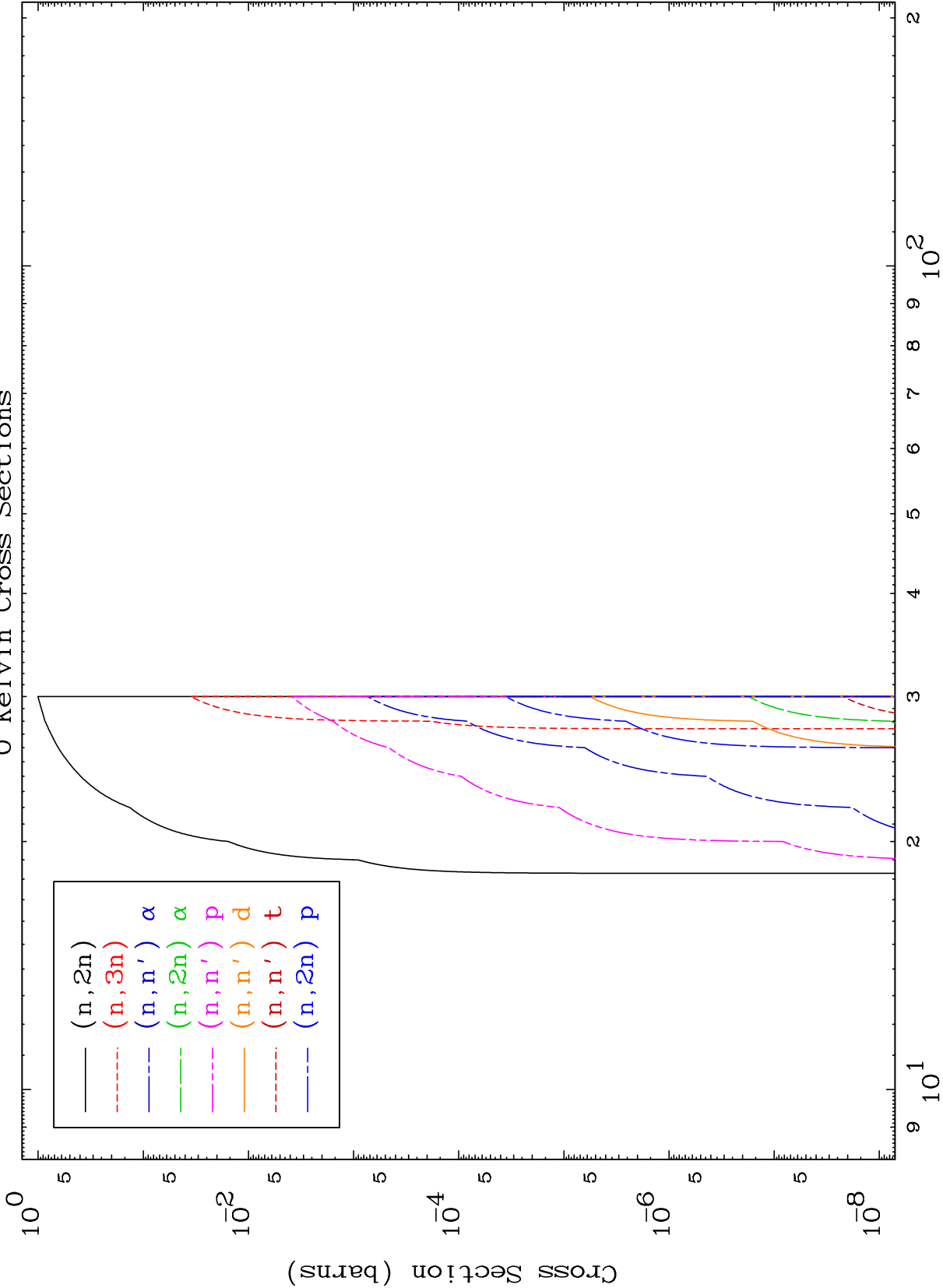
Press Mouse Button to Start



MAT 7919

α Neutron Absorption
0 Kelvin Cross Sections

79-Au-195



2

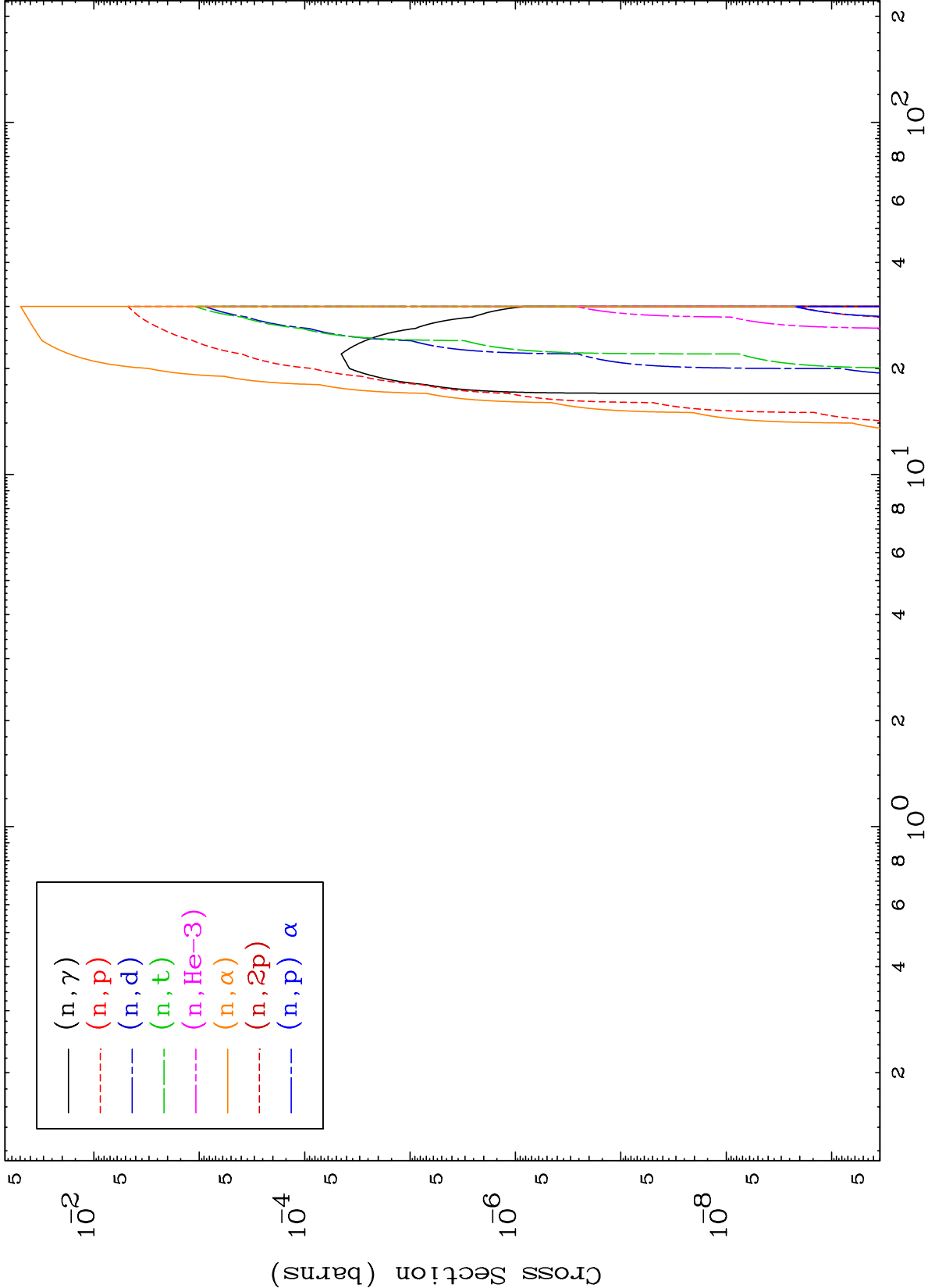
10¹

Incident Energy (MeV)

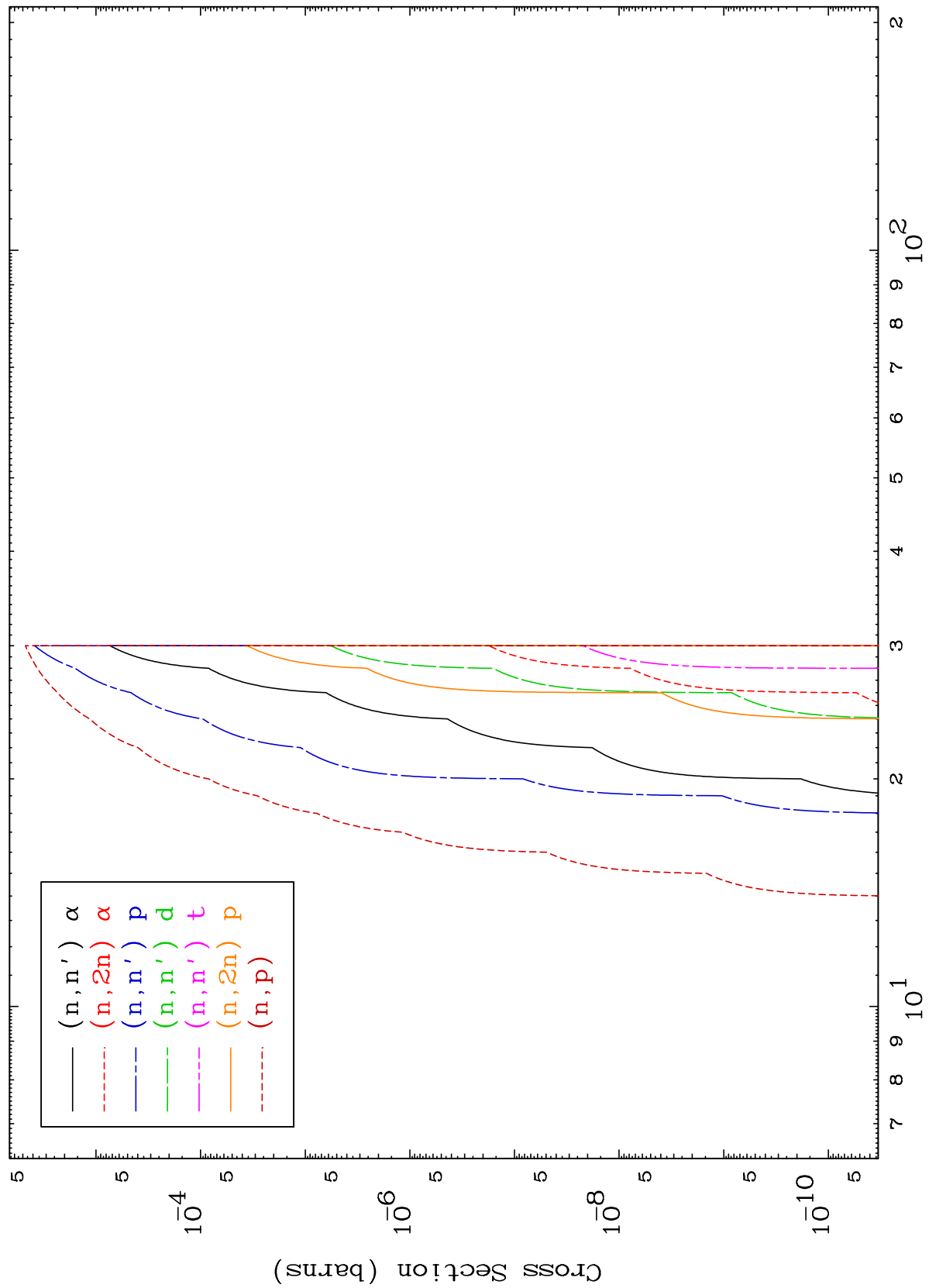
10²

79-Au-195

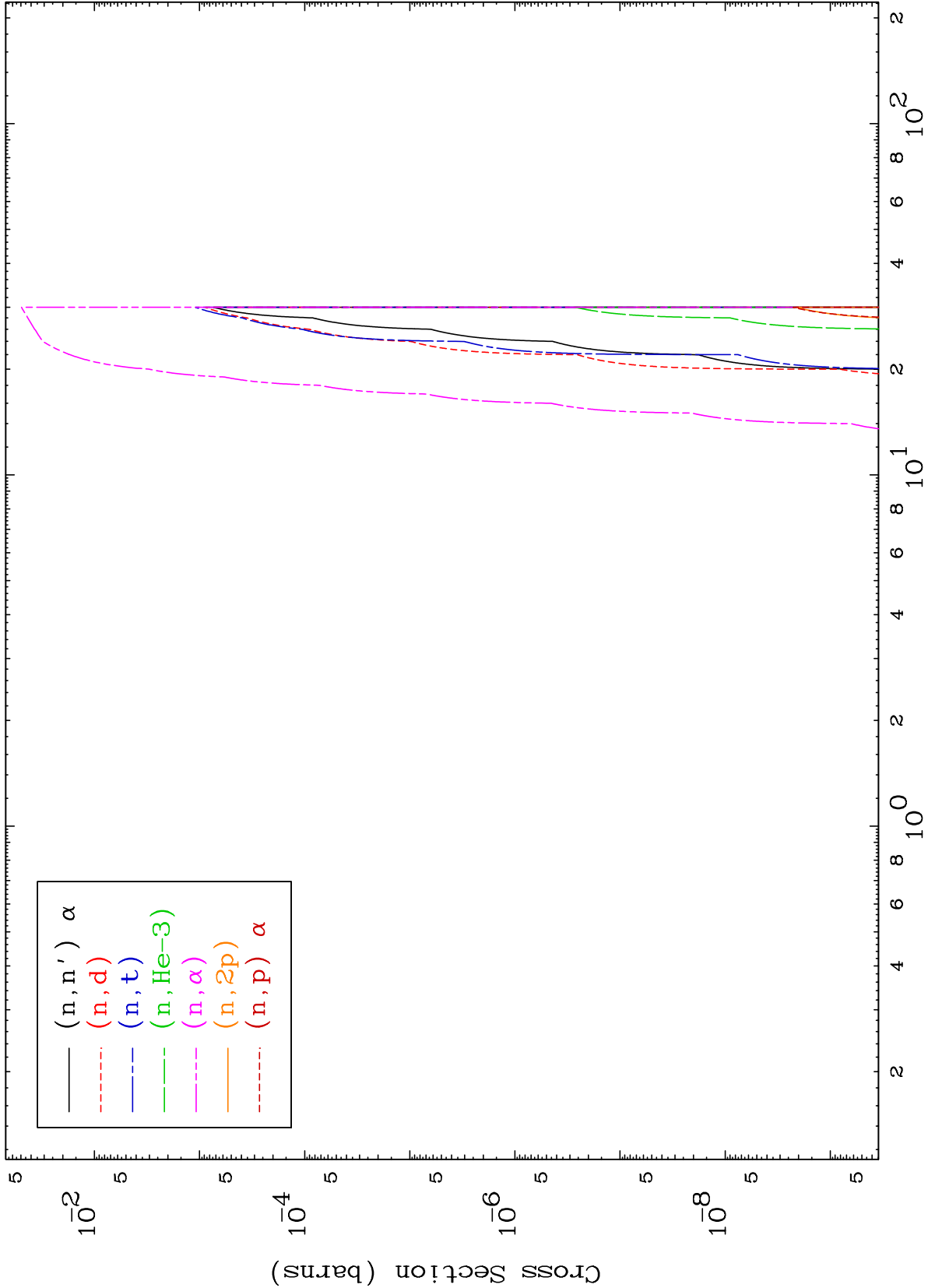
0 Kelvin Cross Sections



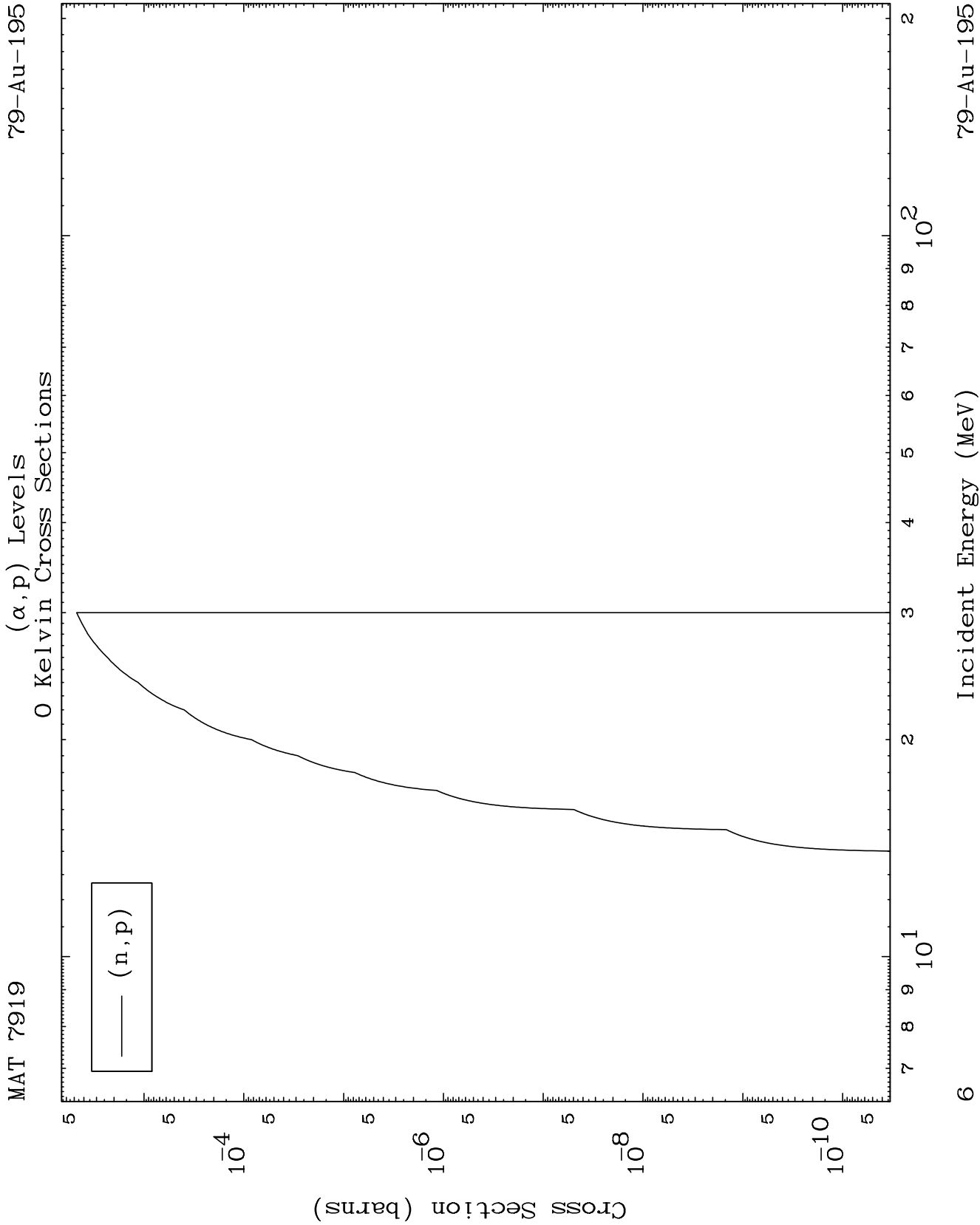
α Charged Particle
0 Kelvin Cross Sections



0 Kelvin Cross Sections



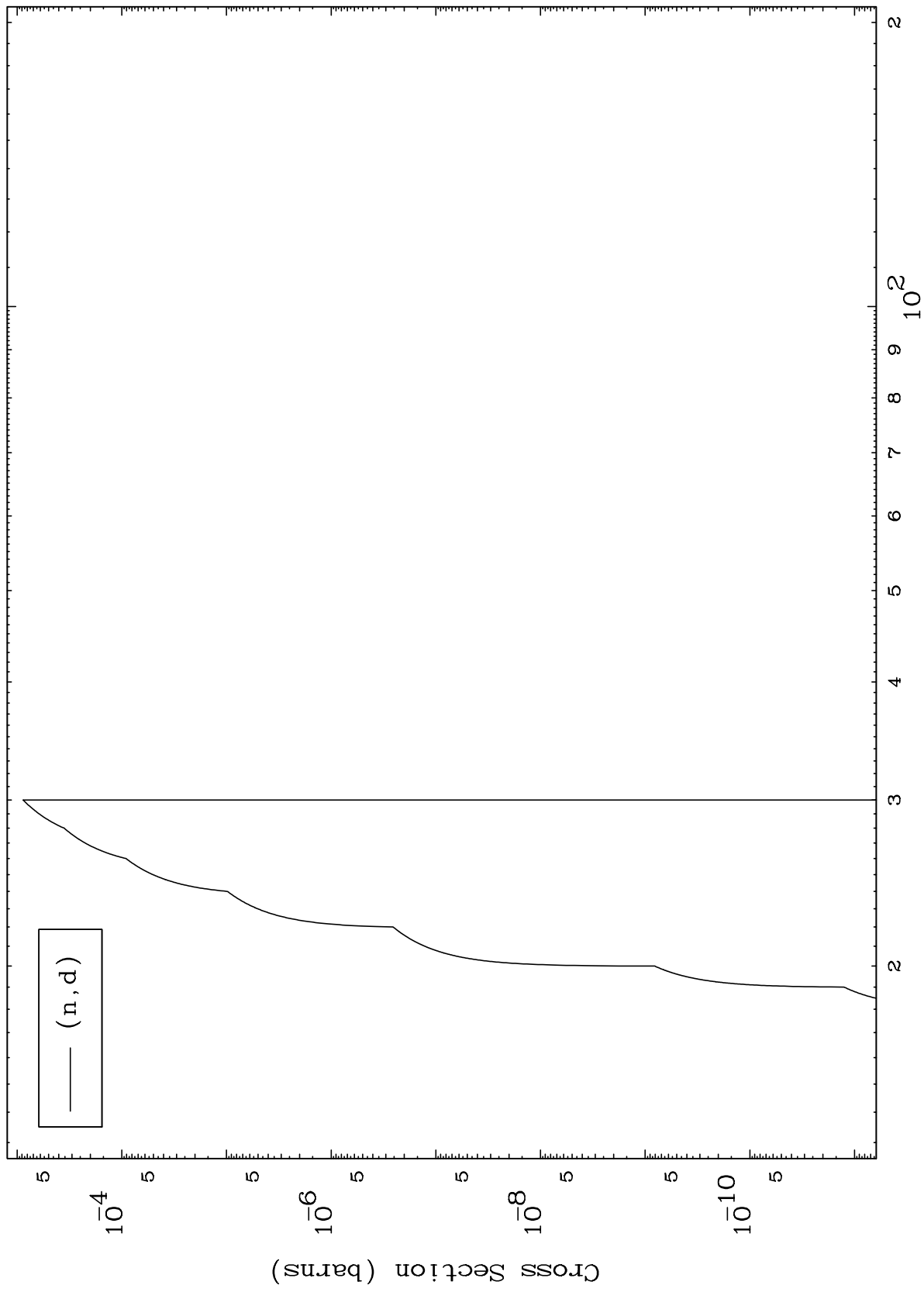
Incident Energy (MeV)



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79-Au-195

(α, d) Levels
0 Kelvin Cross Sections

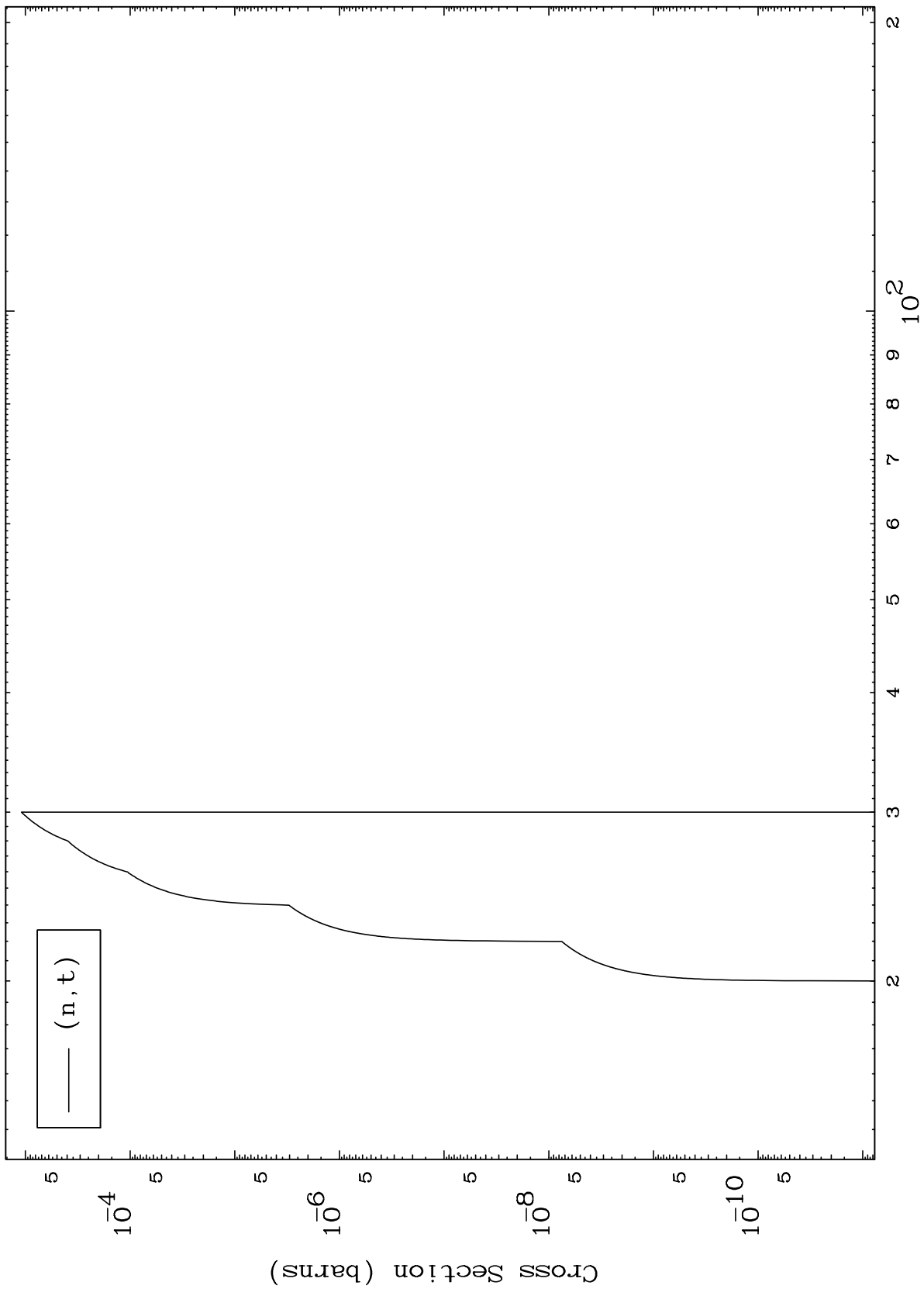


7

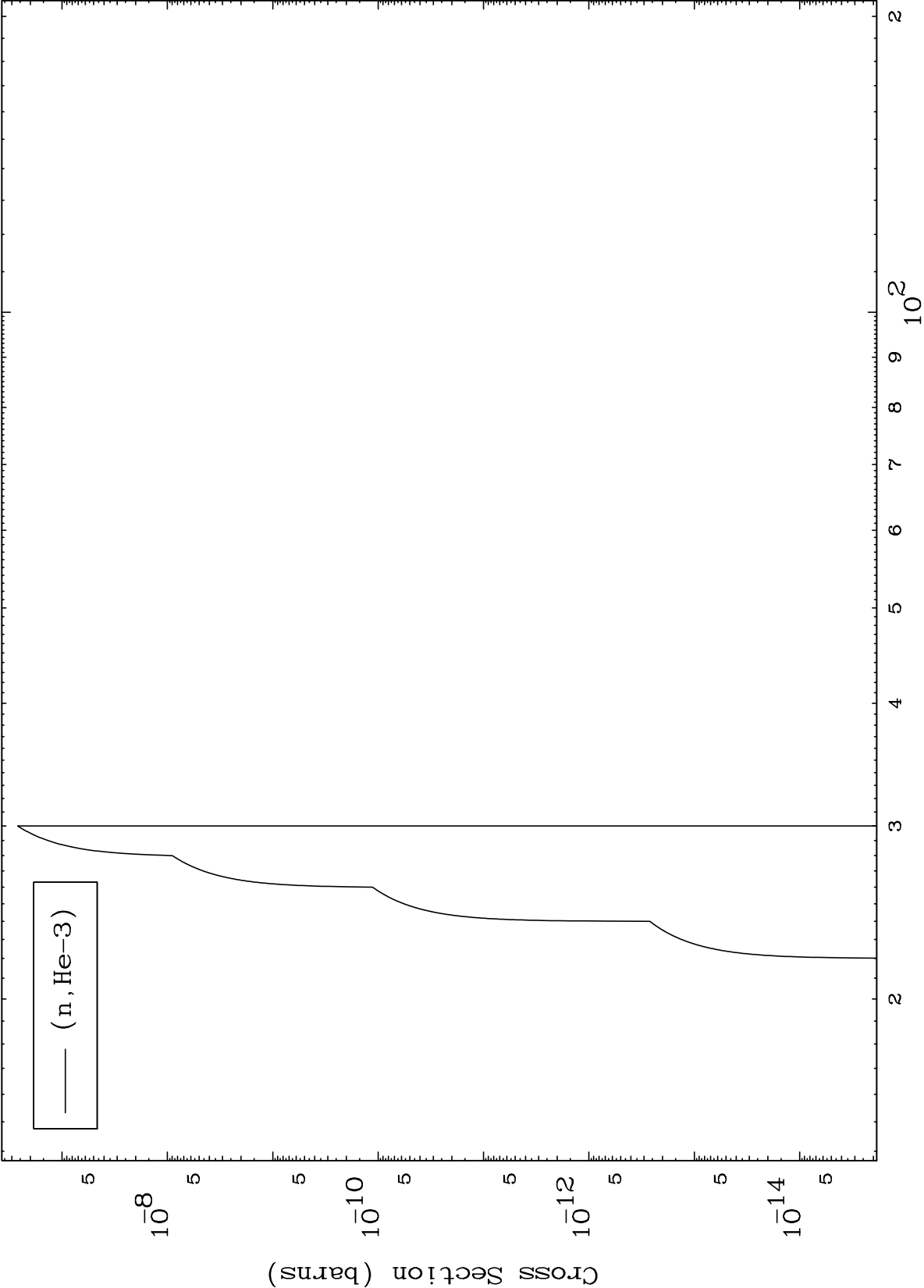
Incident Energy (MeV)

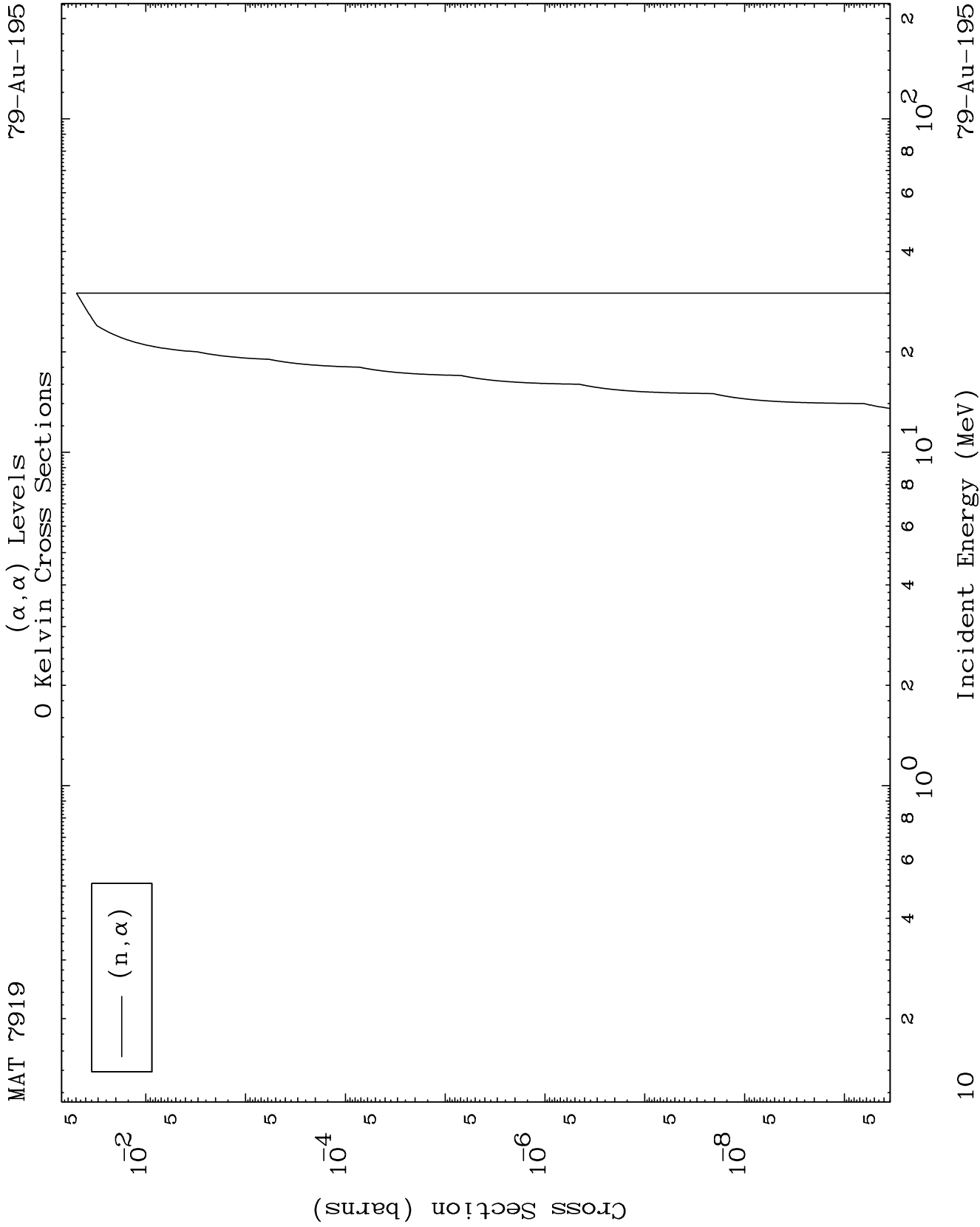
79-Au-195

(α, t) Levels
0 Kelvin Cross Sections

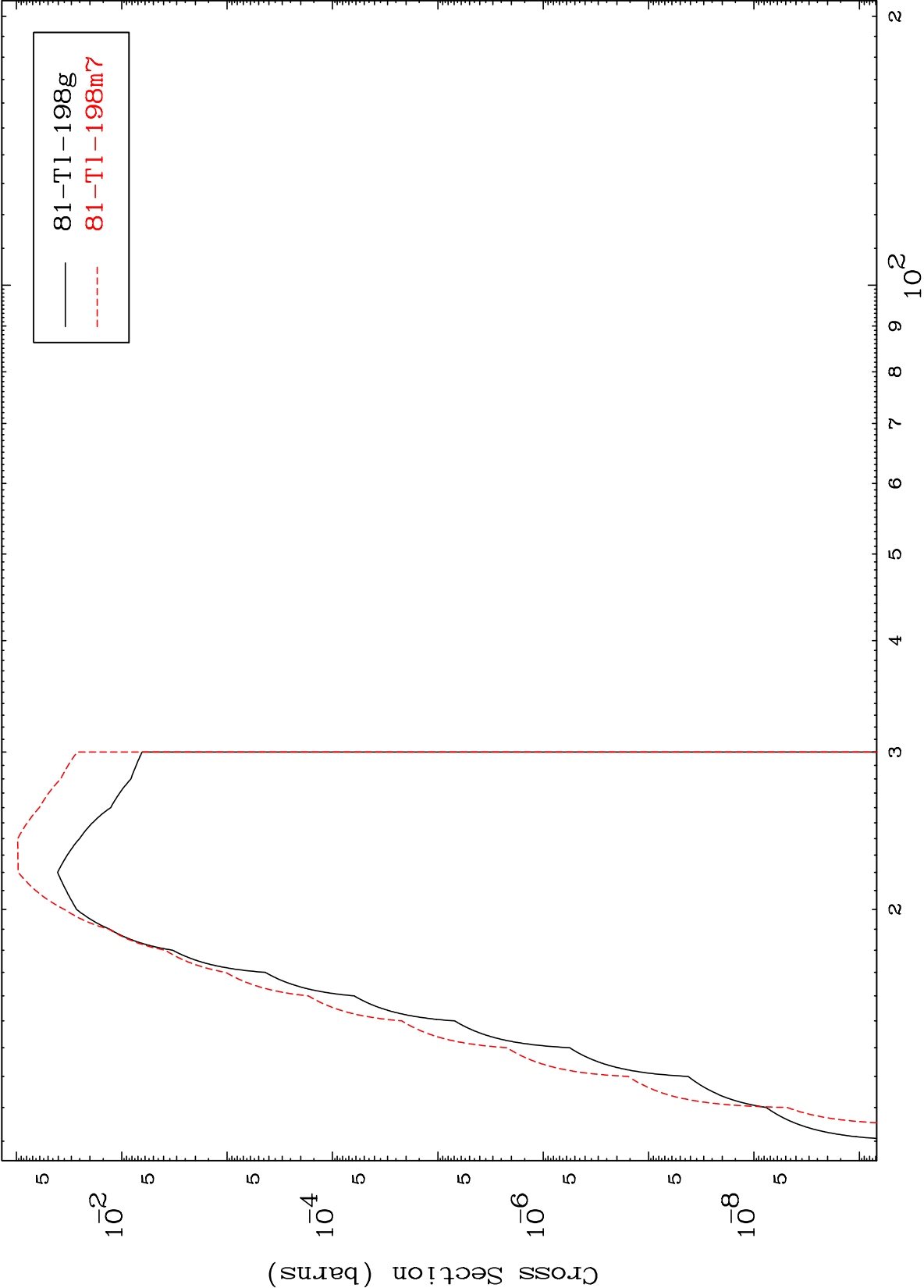


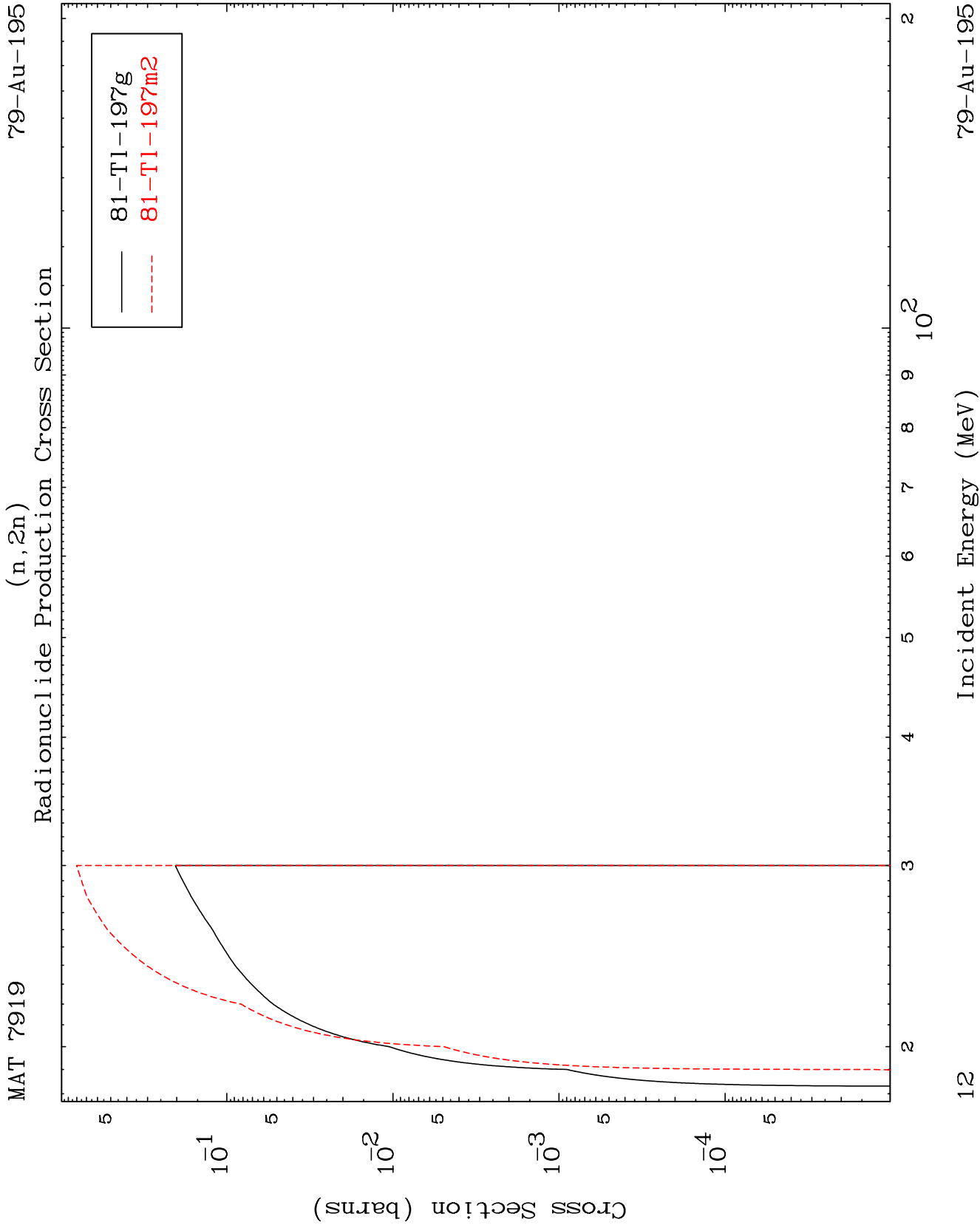
(α ,He3) Levels
0 Kelvin Cross Sections





Inelastic
Radionuclide Production Cross Section

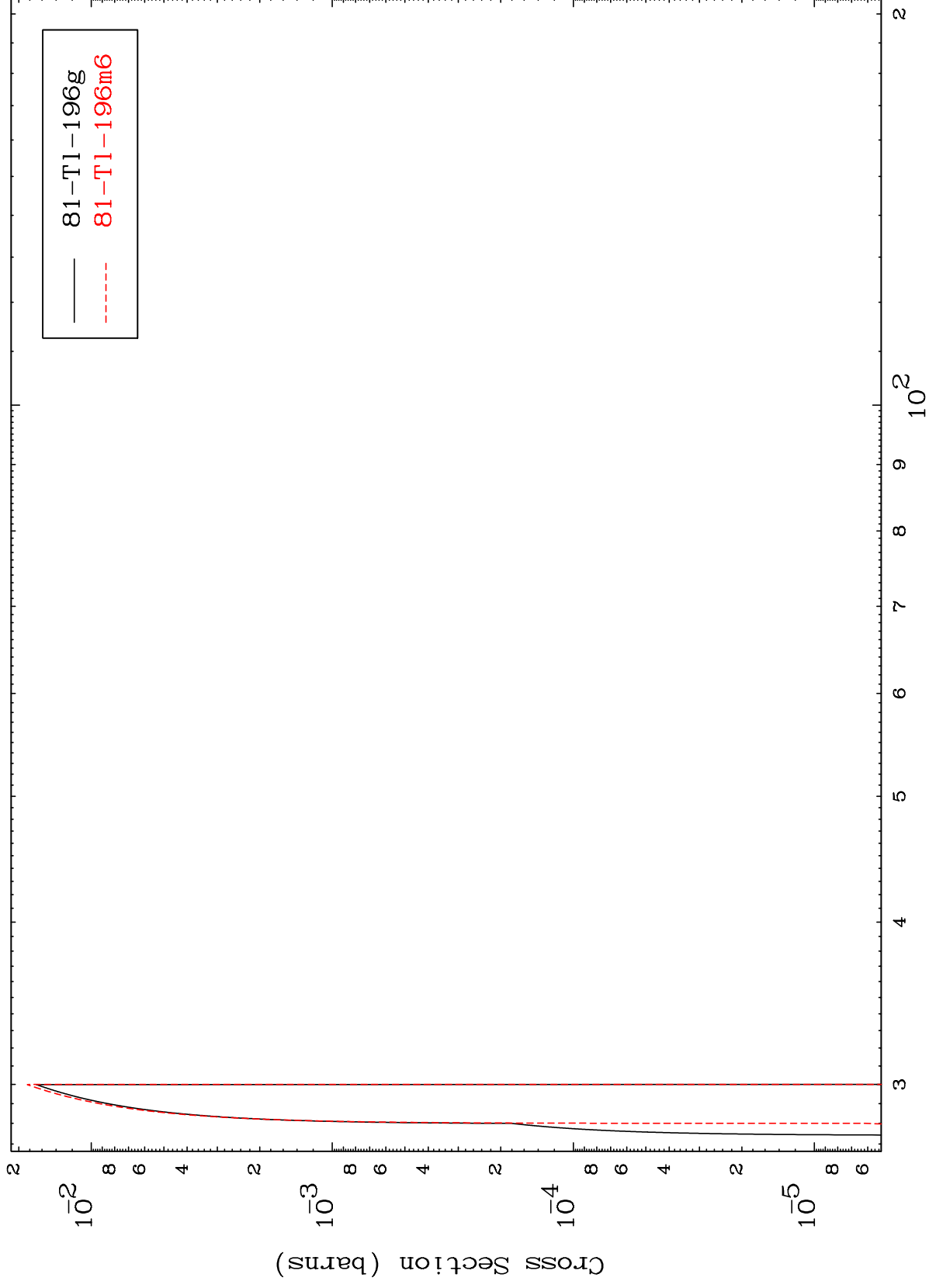




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79-Au-195

Radionuclide Production Cross Section
(n,3n)



13

Incident Energy (MeV)

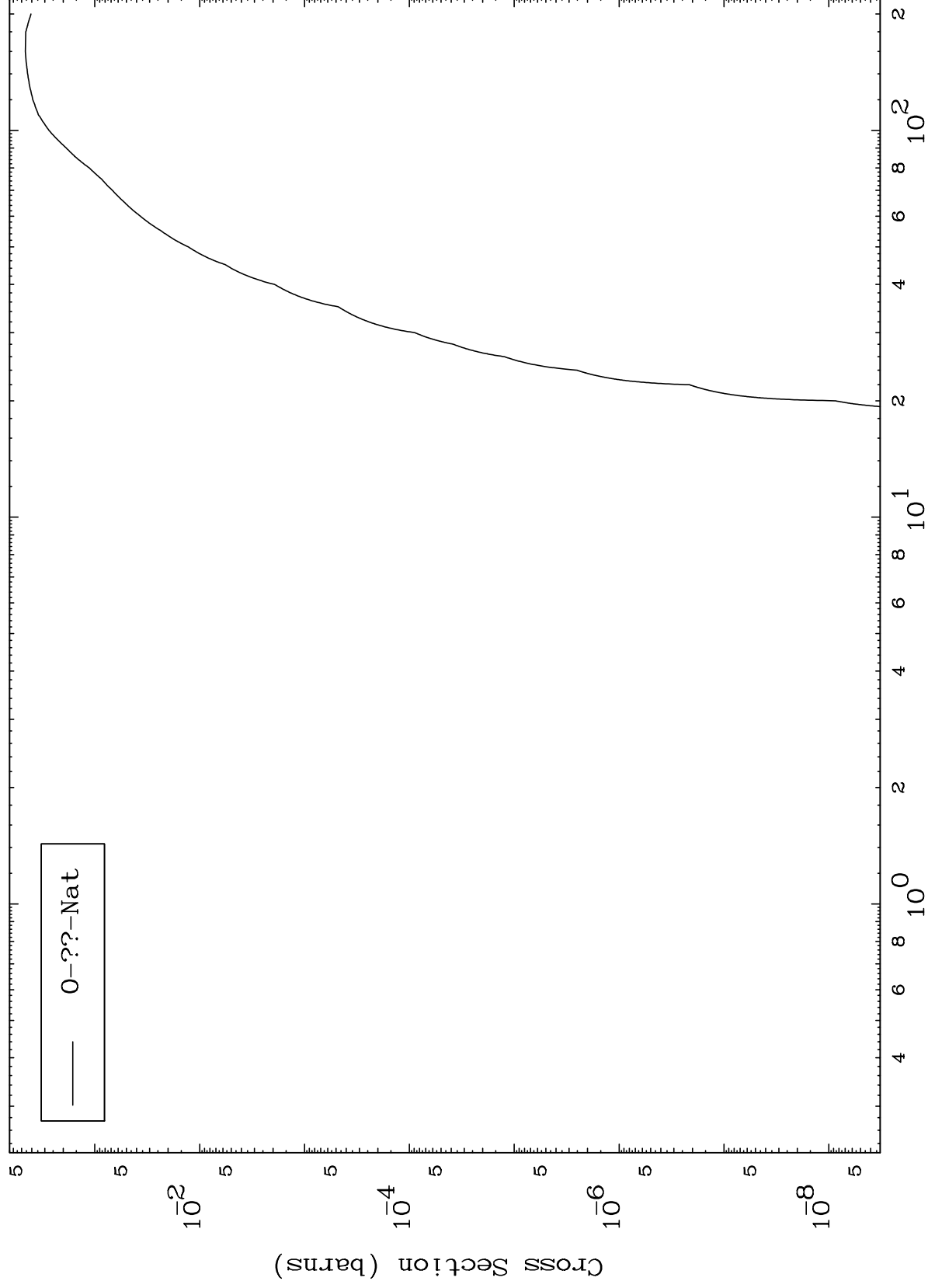
79-Au-195

MAT 7919

Fission

79-Au-195

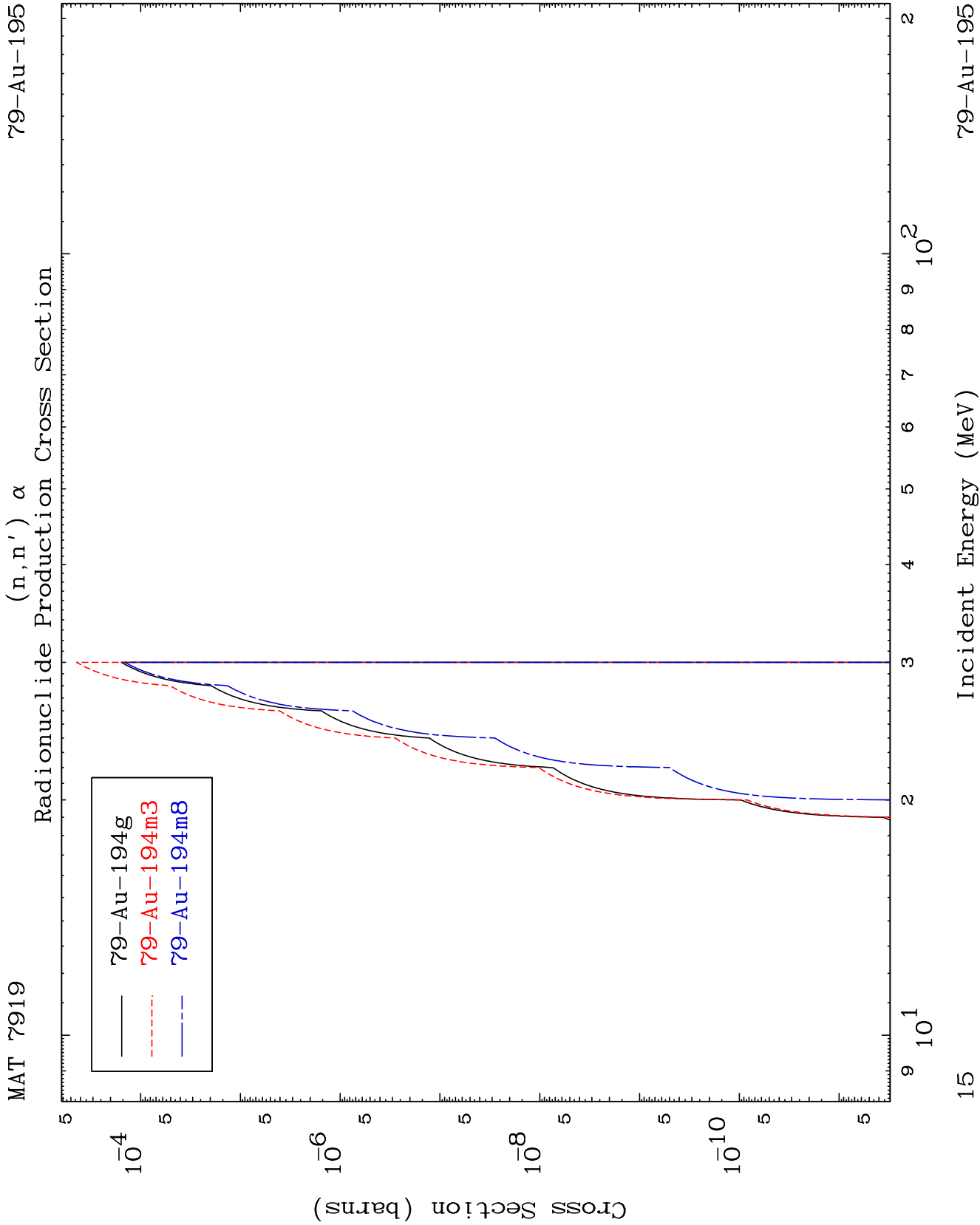
Radionuclide Production Cross Section



14

Incident Energy (MeV)

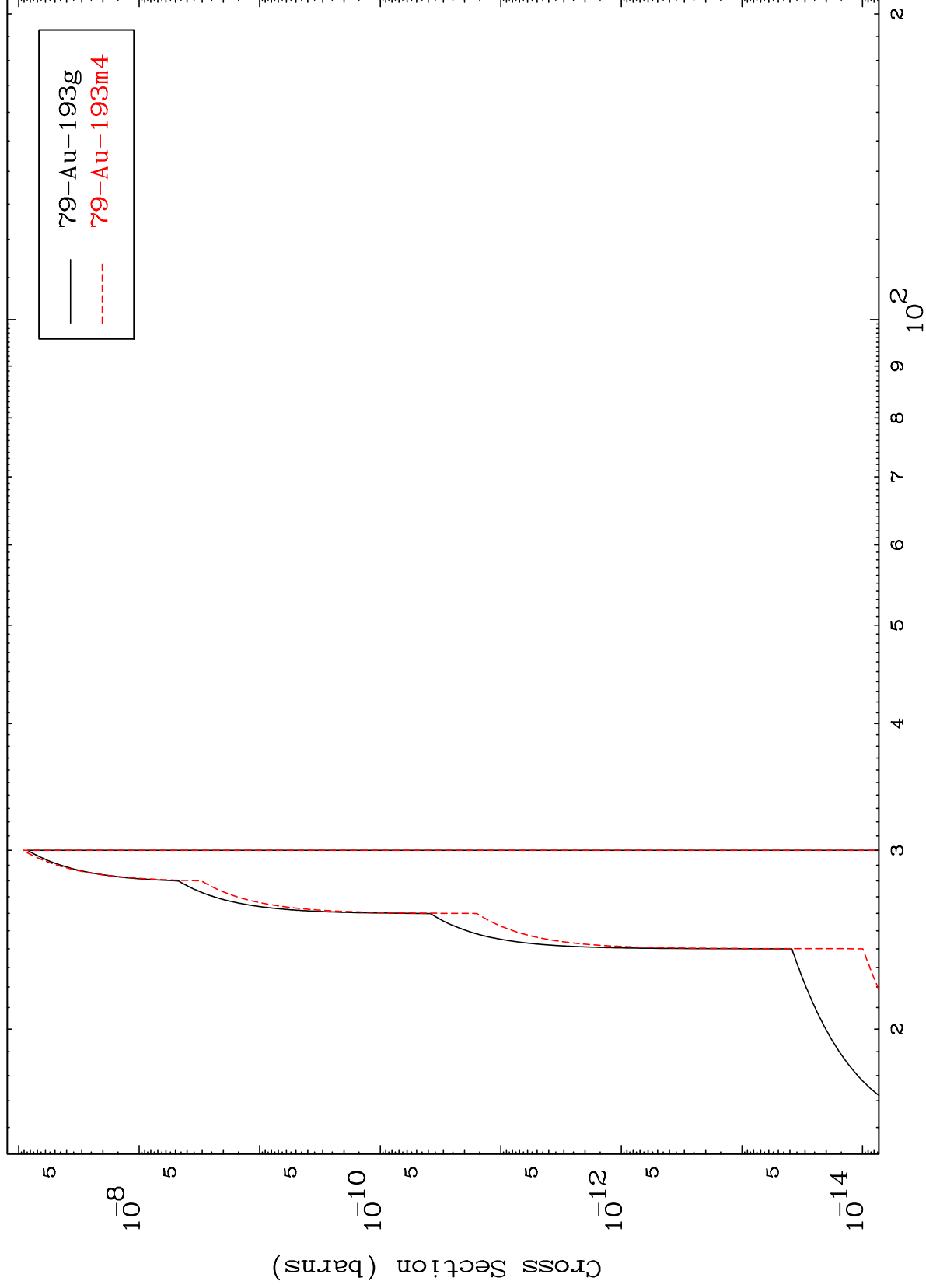
79-Au-195



MAT 7919

79-Au-195

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



16

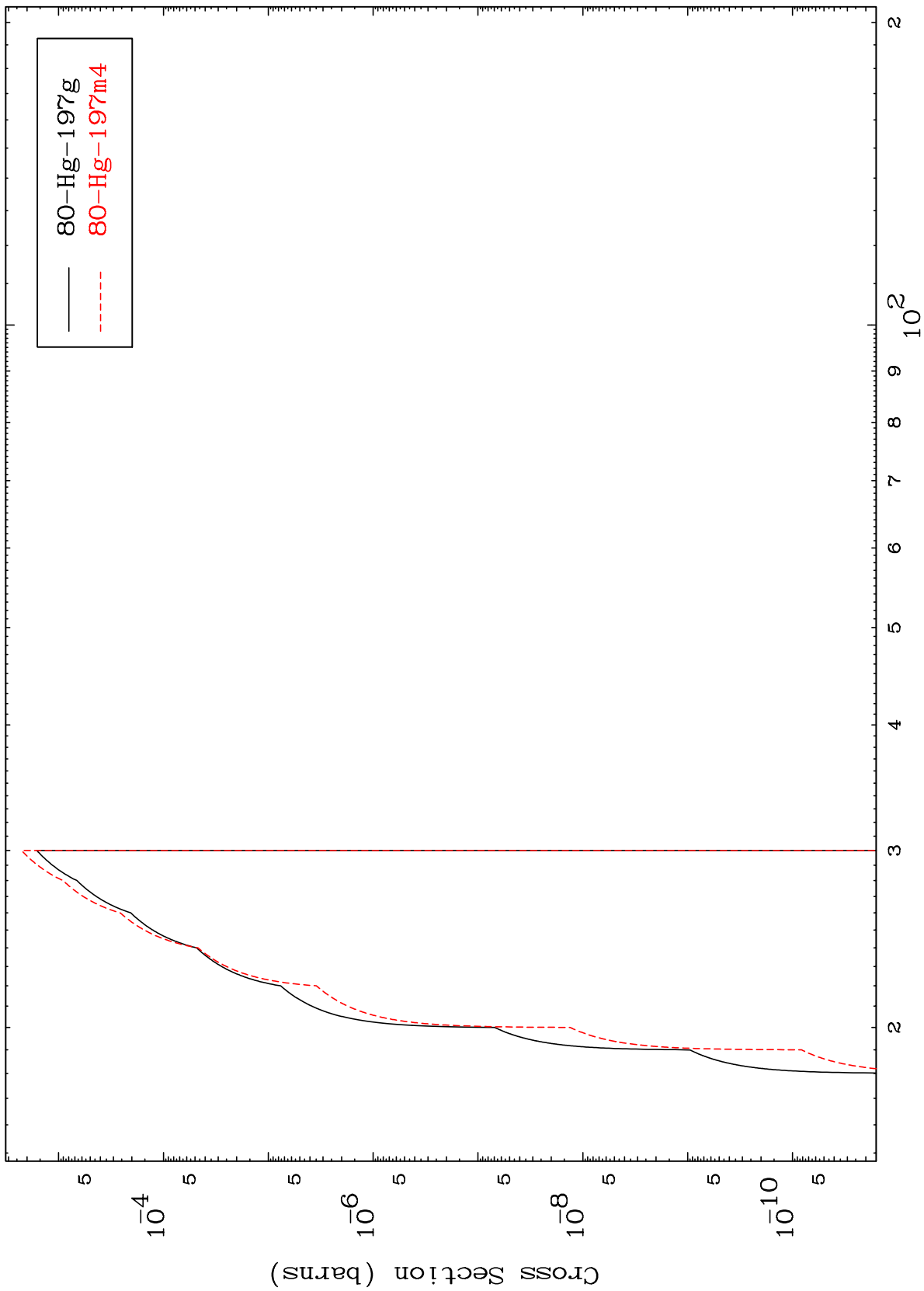
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

(n,n') p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

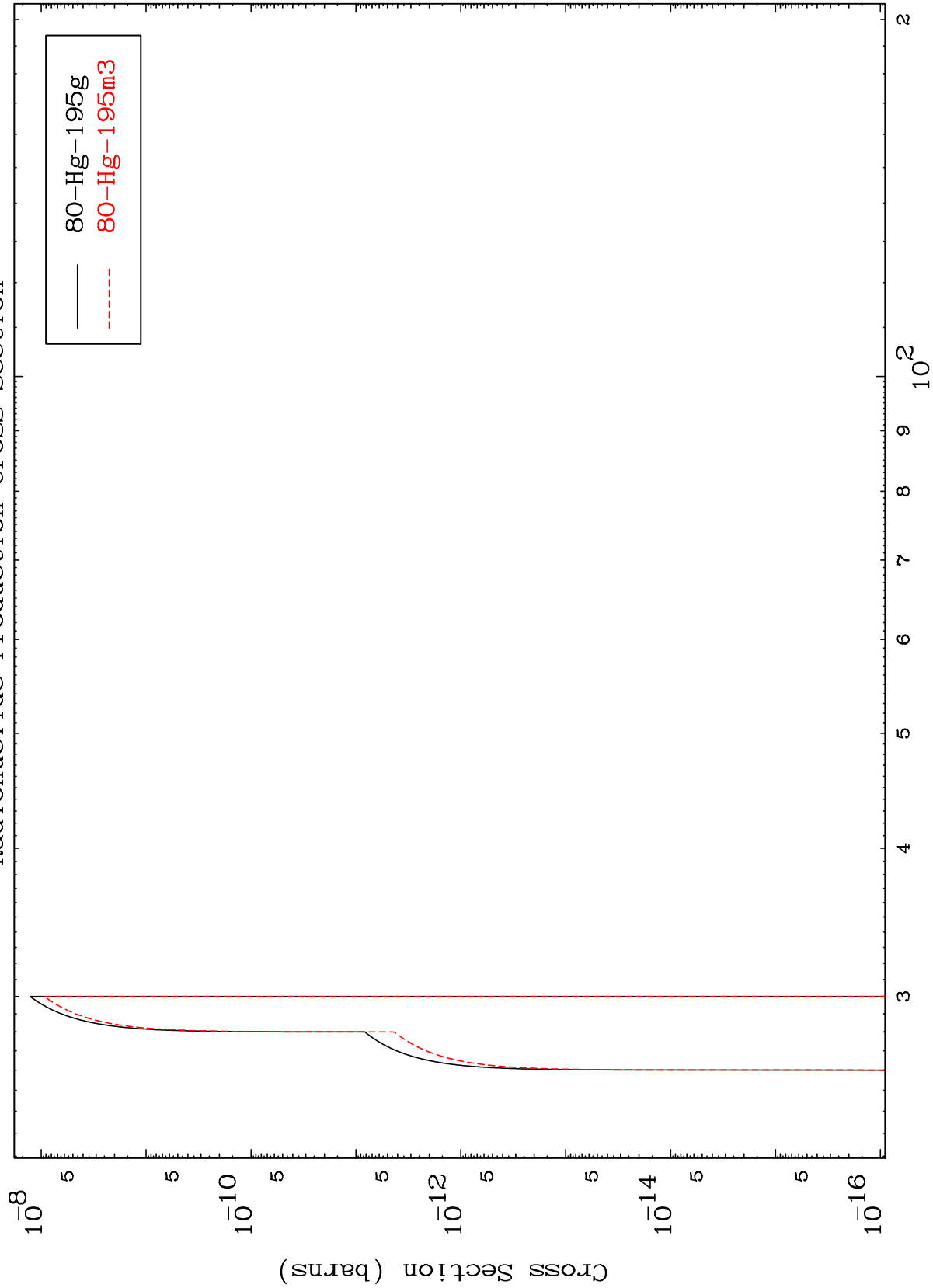
79-Au-195

MAT 7919

(n,n') t

79-Au-195

Radionuclide Production Cross Section



18

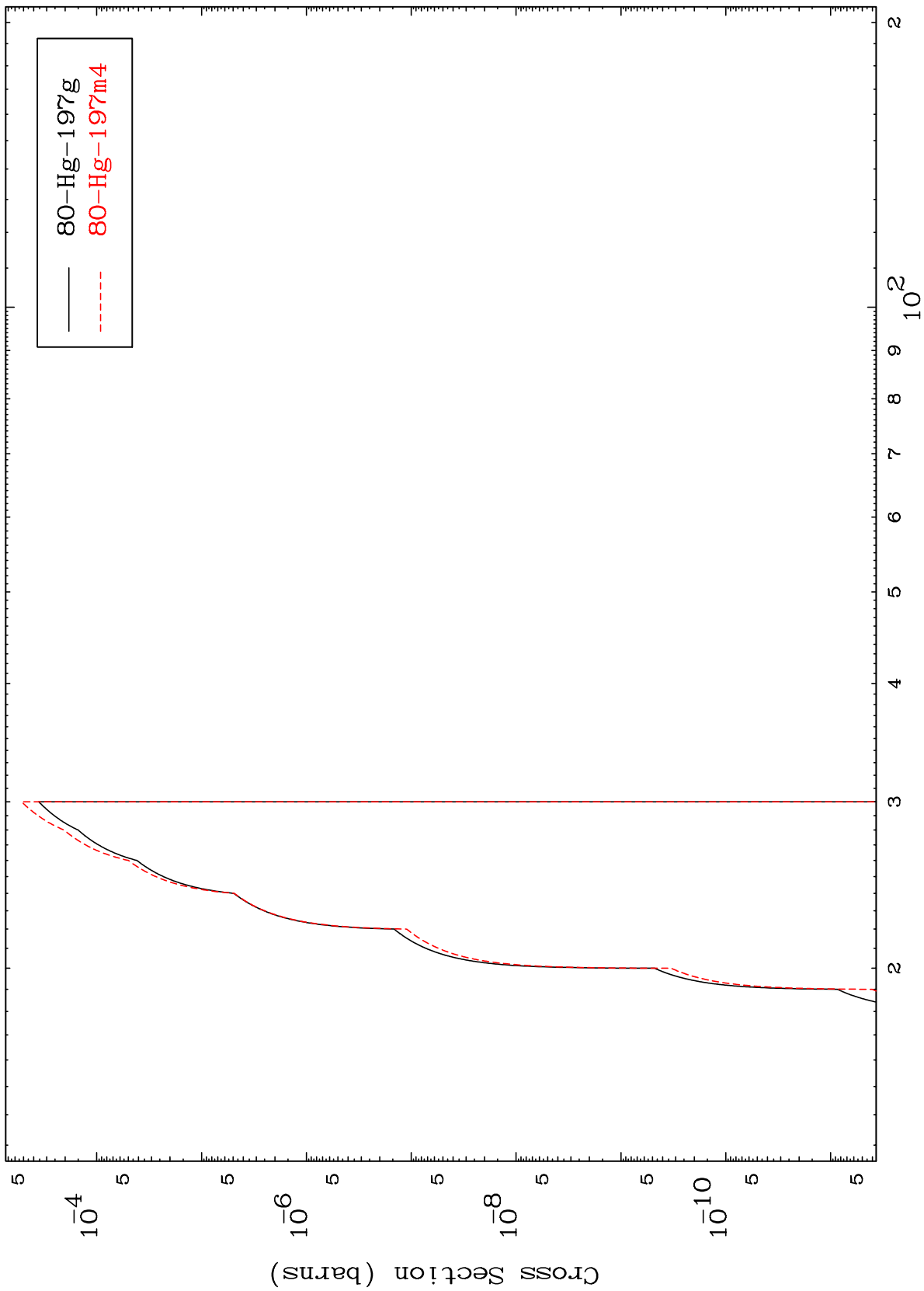
Incident Energy (MeV)

79-Au-195

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79-Au-195

(n,d)
Radionuclide Production Cross Section

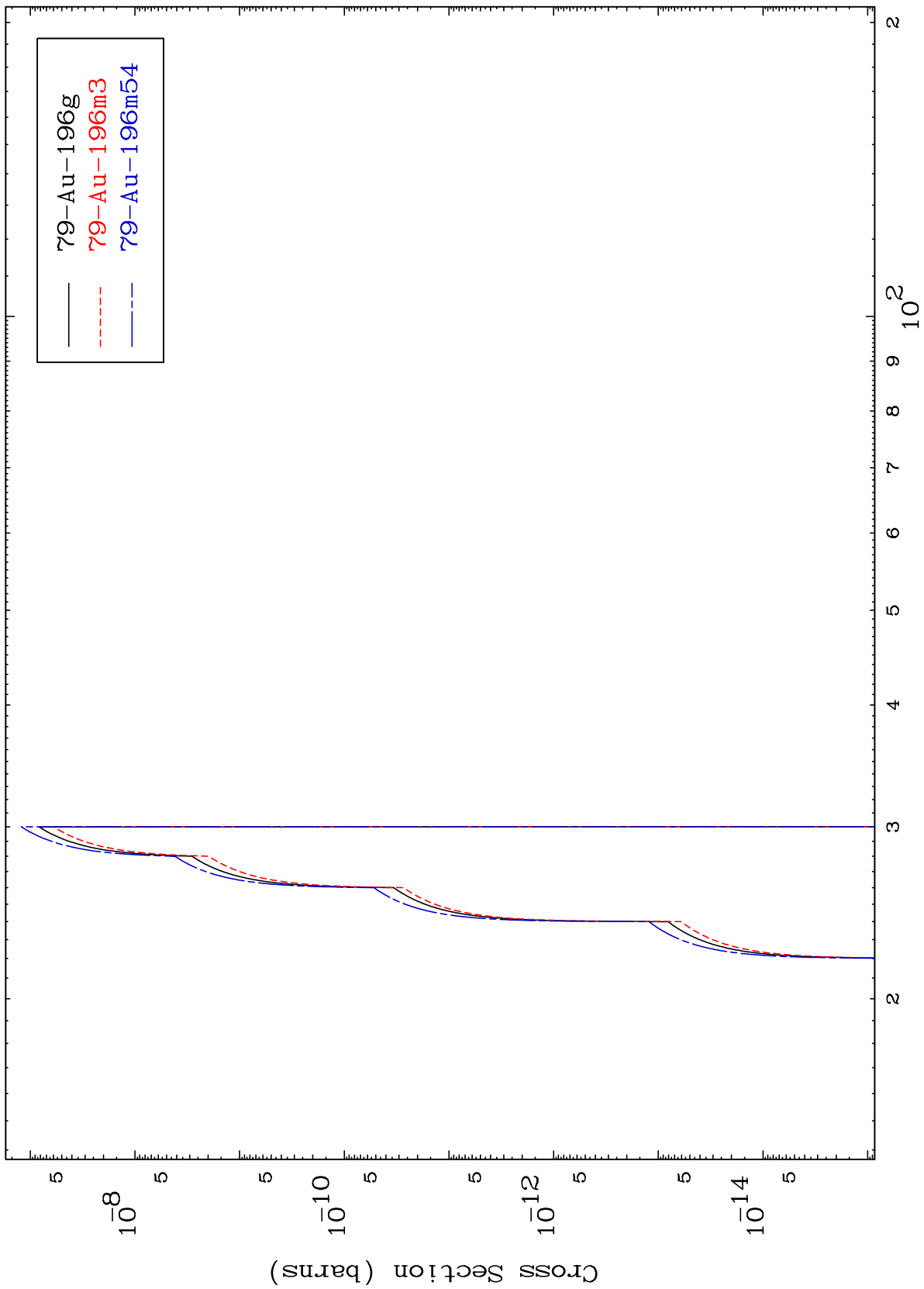


19

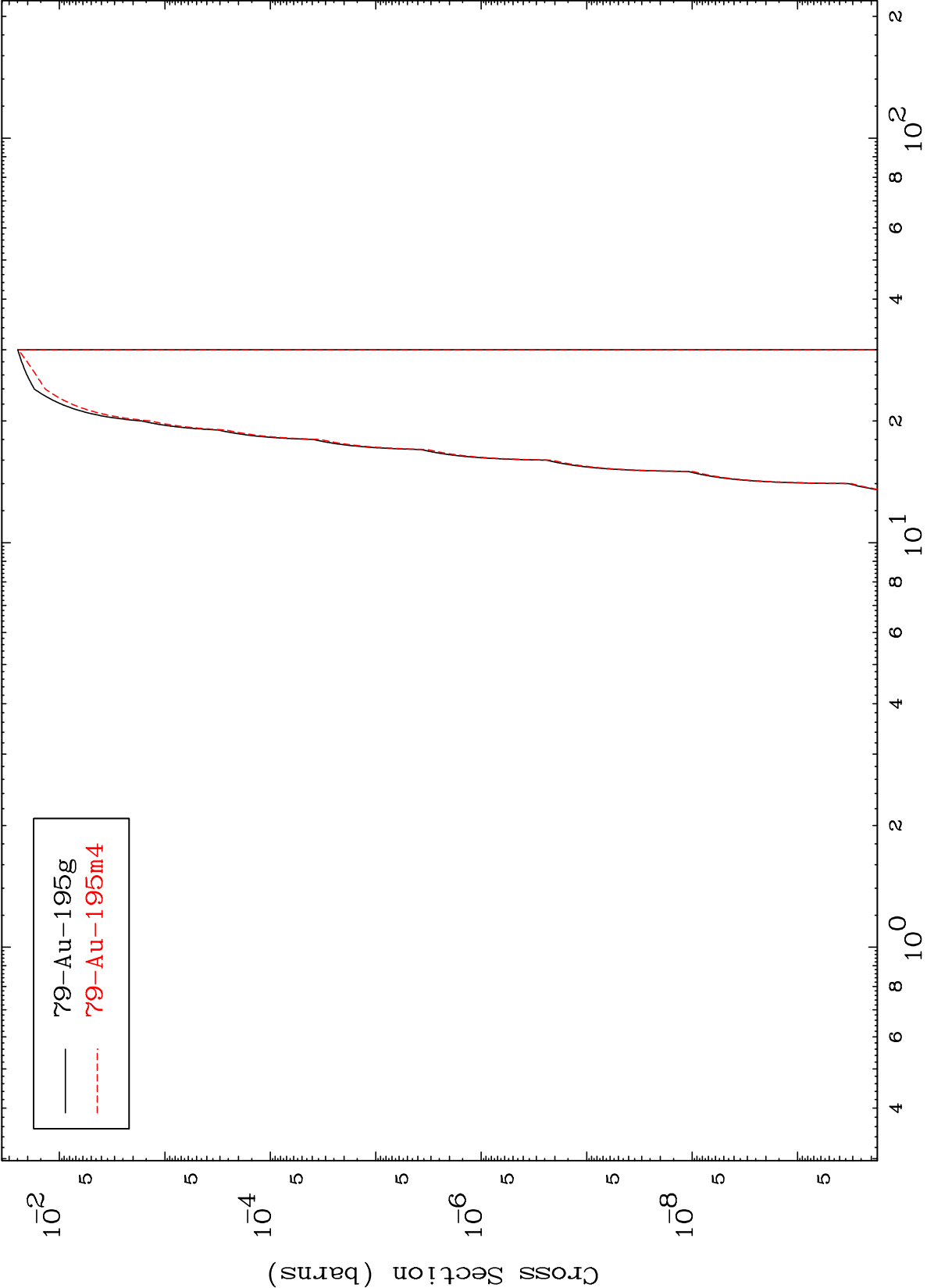
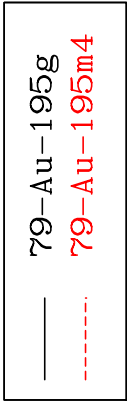
Incident Energy (MeV)

79-Au-195

(n,He-3)
Radionuclide Production Cross Section



Radionuclide Production Cross Section



(n,2p)
Radionuclide Production Cross Section

