

Program EVALPLOT
(Version 2021-1)

by

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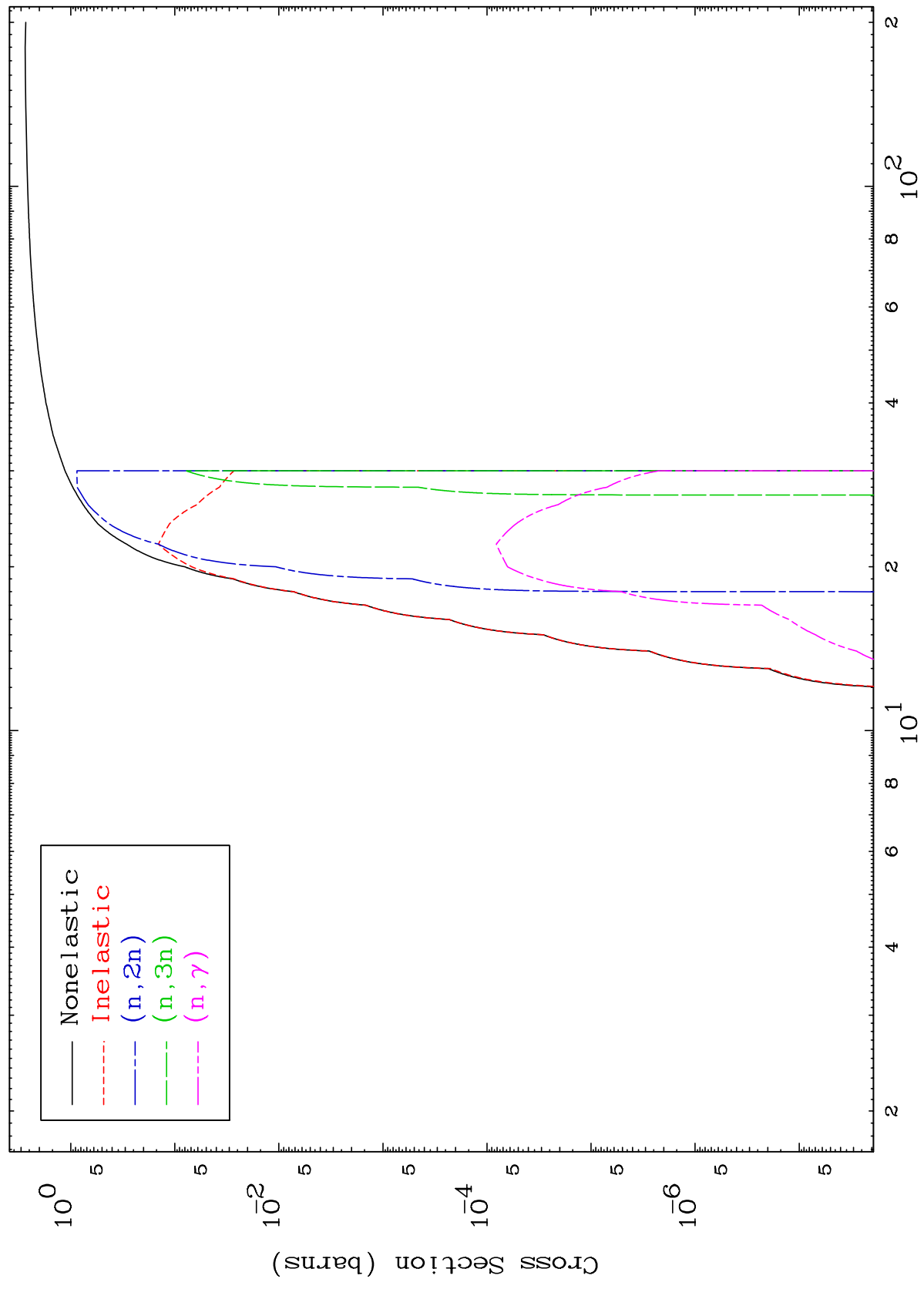
Press Mouse Button to Start

MAT 7920

0 Kelvin

Major Cross Sections

⁷⁹Au-195m



1

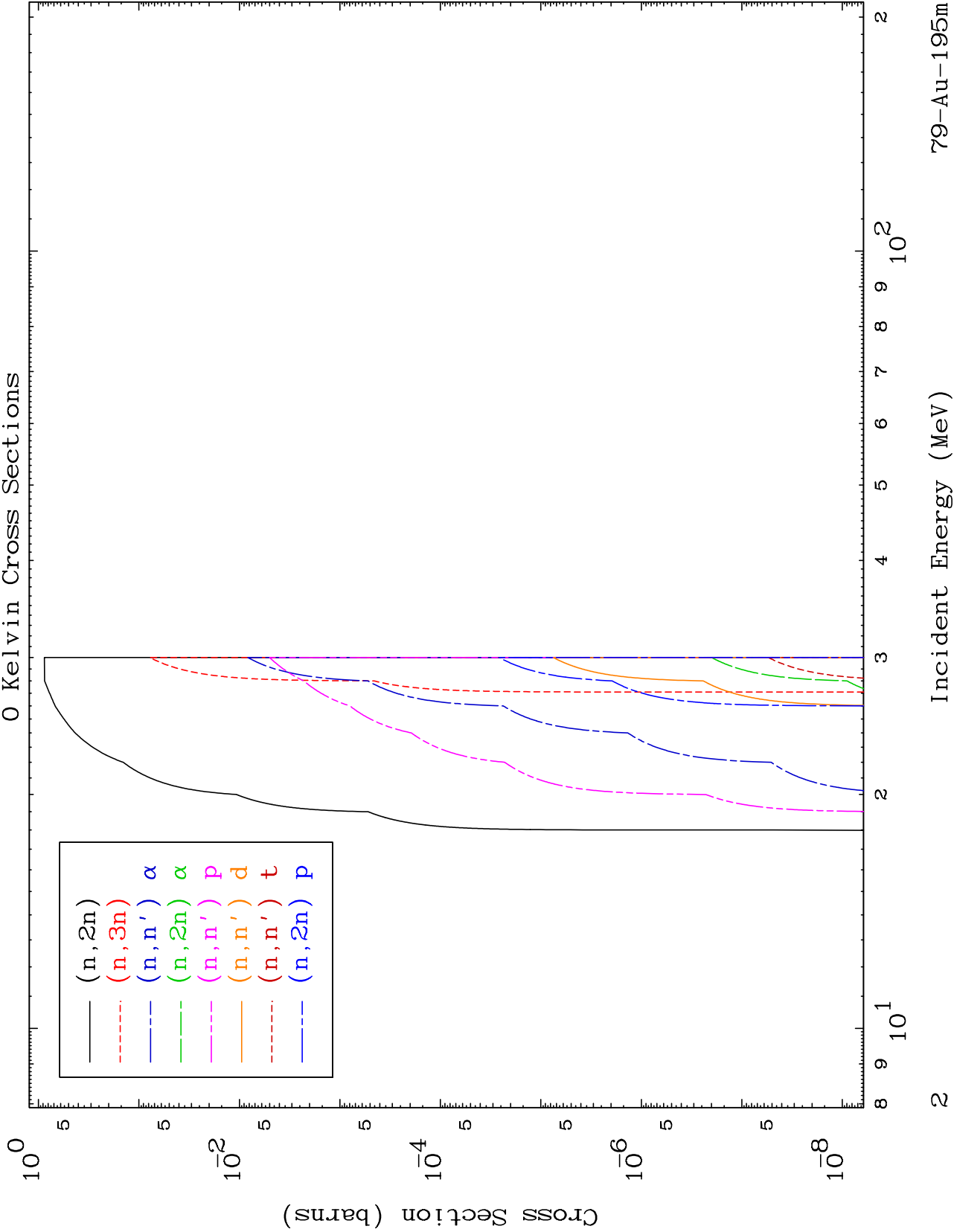
Incident Energy (MeV)

⁷⁹Au-195m

MAT 7920

α Neutron Absorption
0 Kelvin Cross Sections

79-Au-195m



79-Au-195m

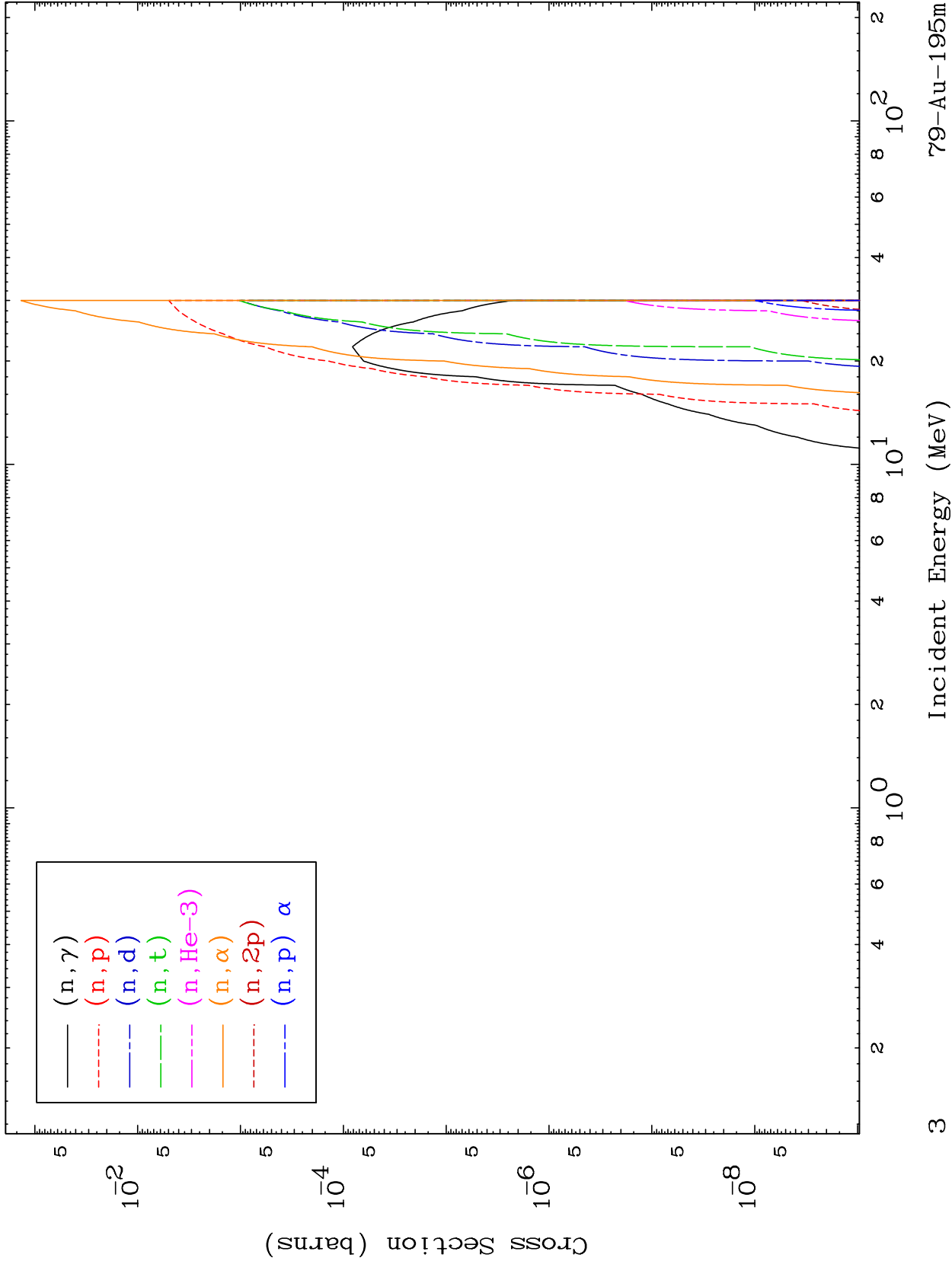
Incident Energy (MeV)

2

MAT 7920

α Neutron Absorption
0 Kelvin Cross Sections

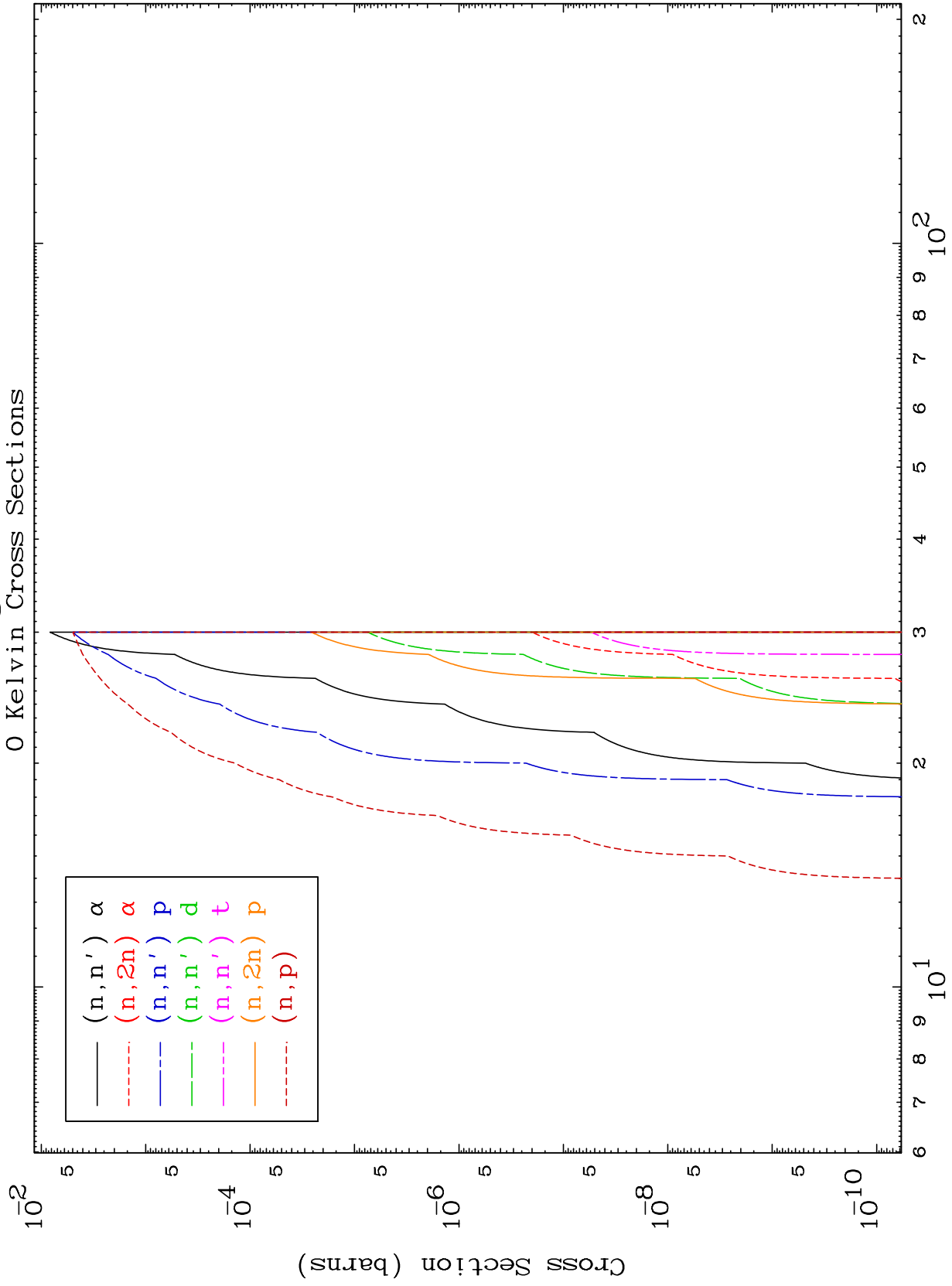
⁷⁹Au-195m

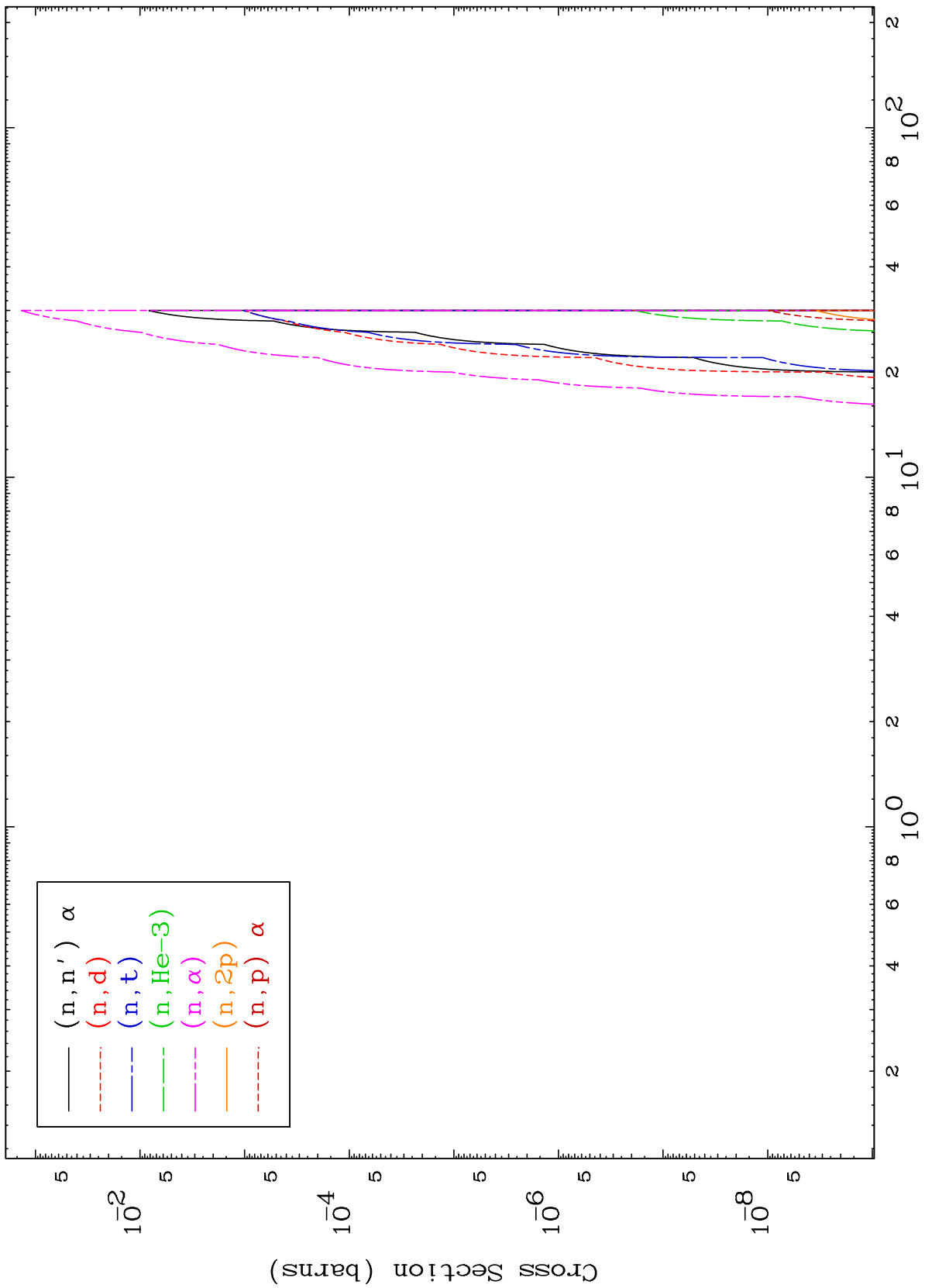


MAT 7920

α Charged Particle
0 Kelvin Cross Sections

79-Au-195m

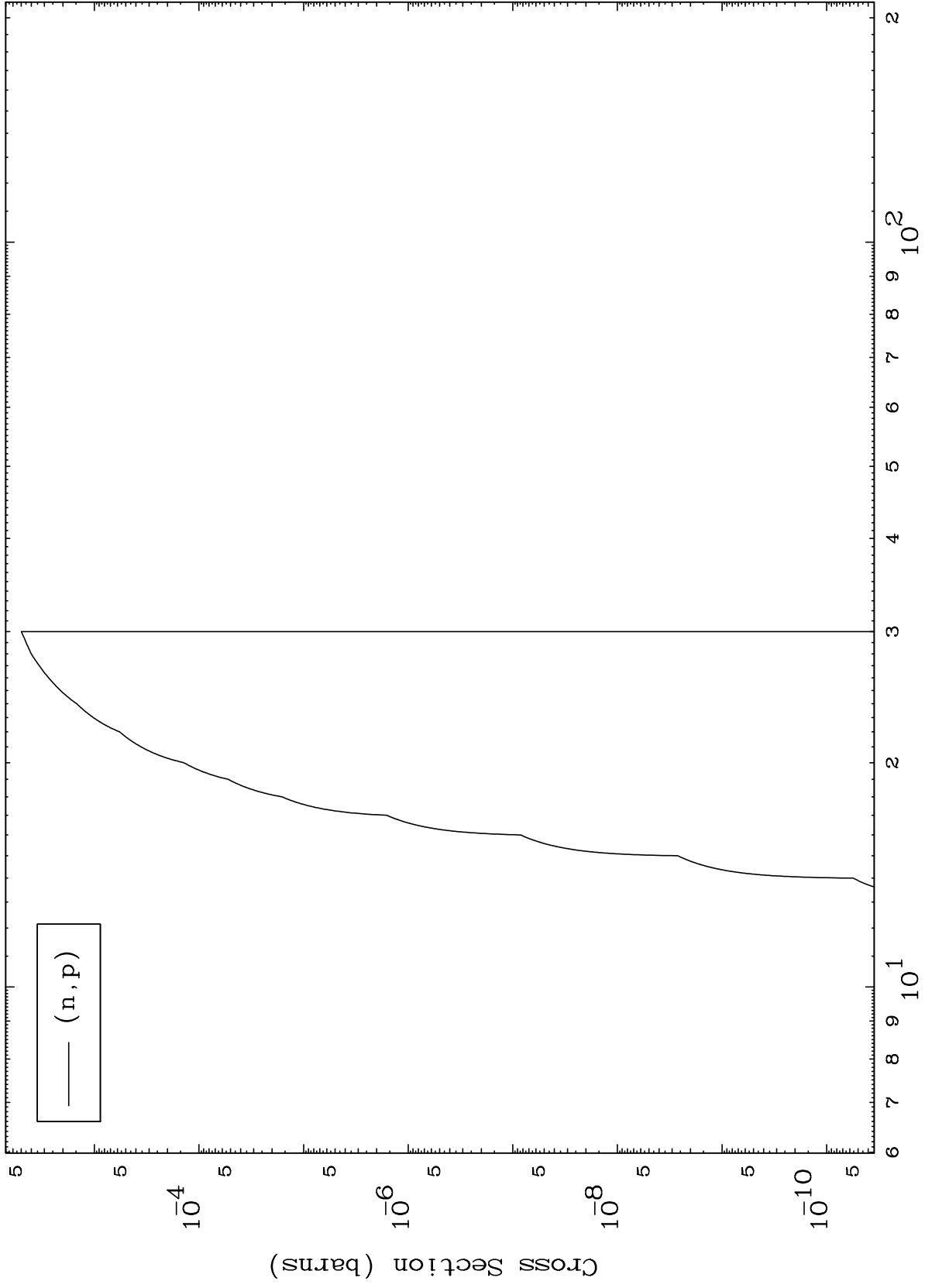




MAT 7920

(α, p) Levels
0 Kelvin Cross Sections

⁷⁹Au-195m



6

Incident Energy (MeV)

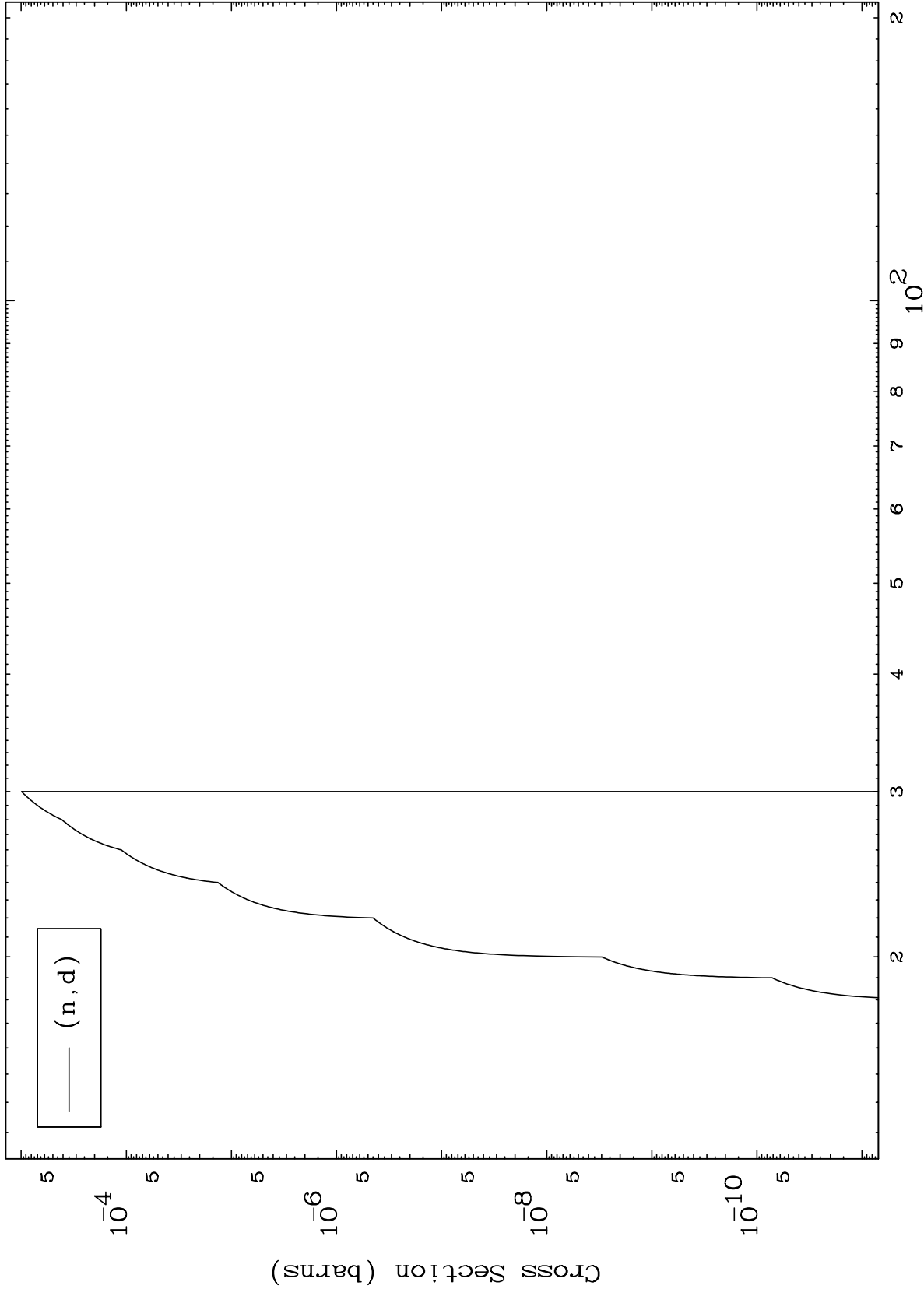
⁷⁹Au-195m

MAT 7920

(α, d) Levels

79-Au-195m

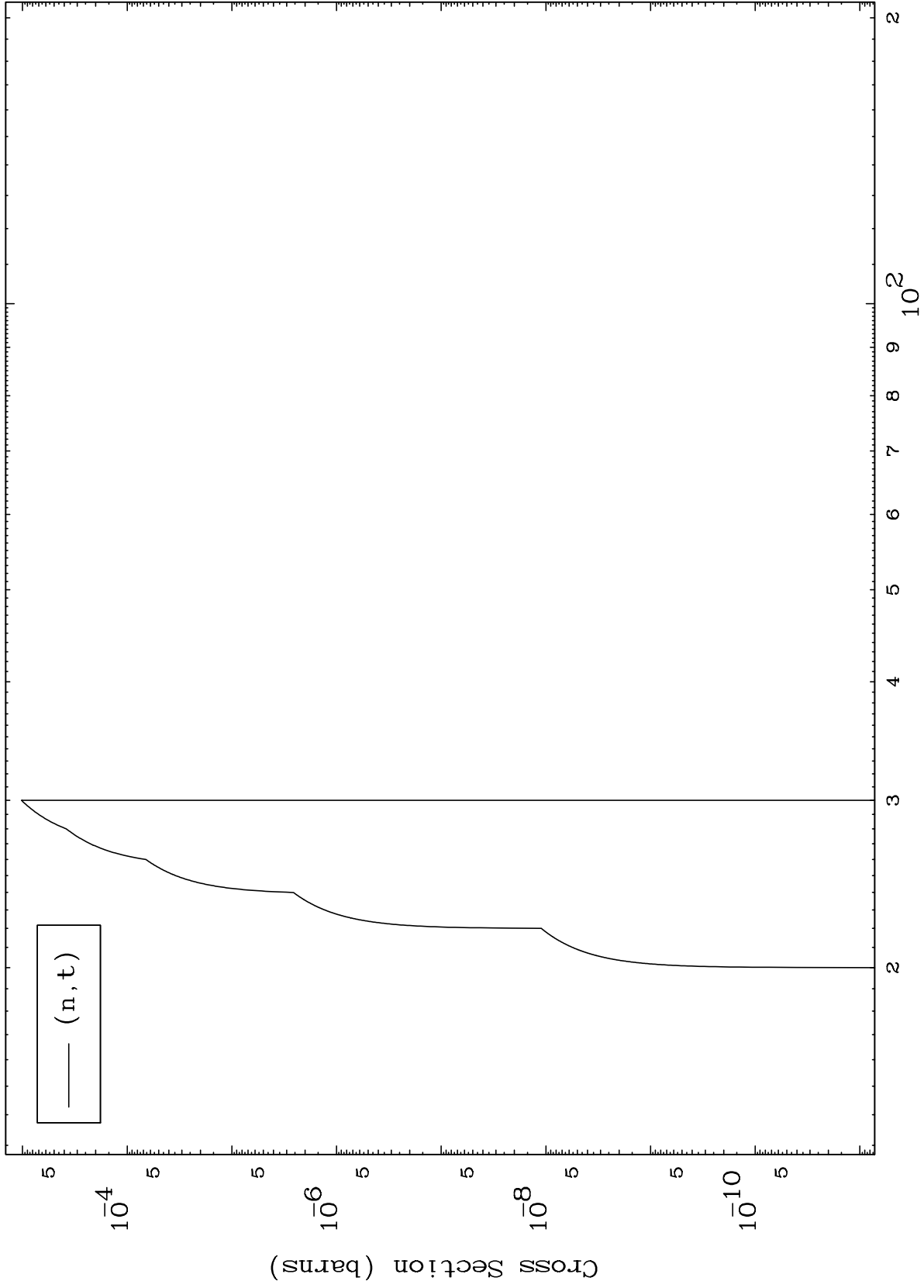
0 Kelvin Cross Sections

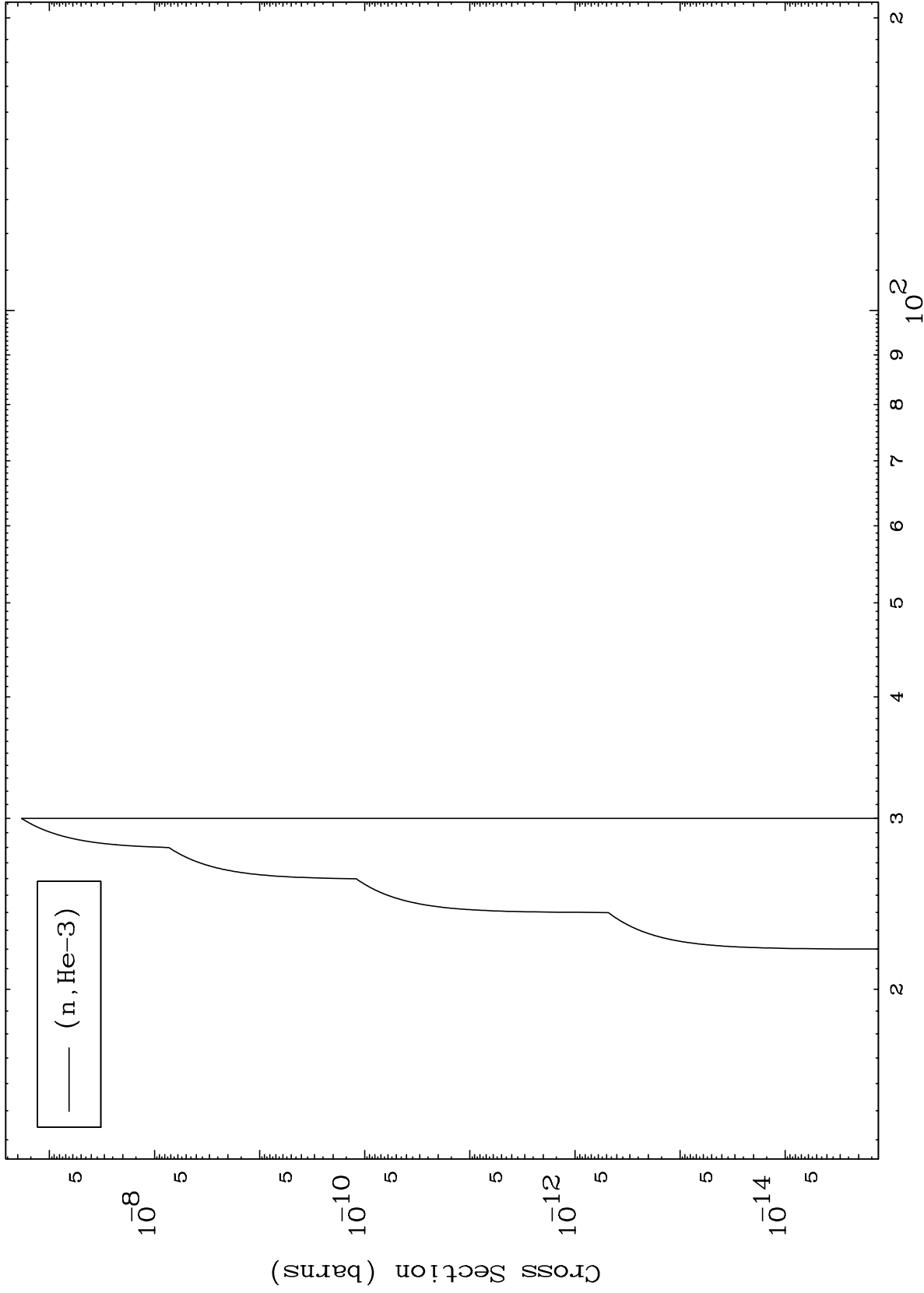


MAT 7920

(α, t) Levels
0 Kelvin Cross Sections

79-Au-195m



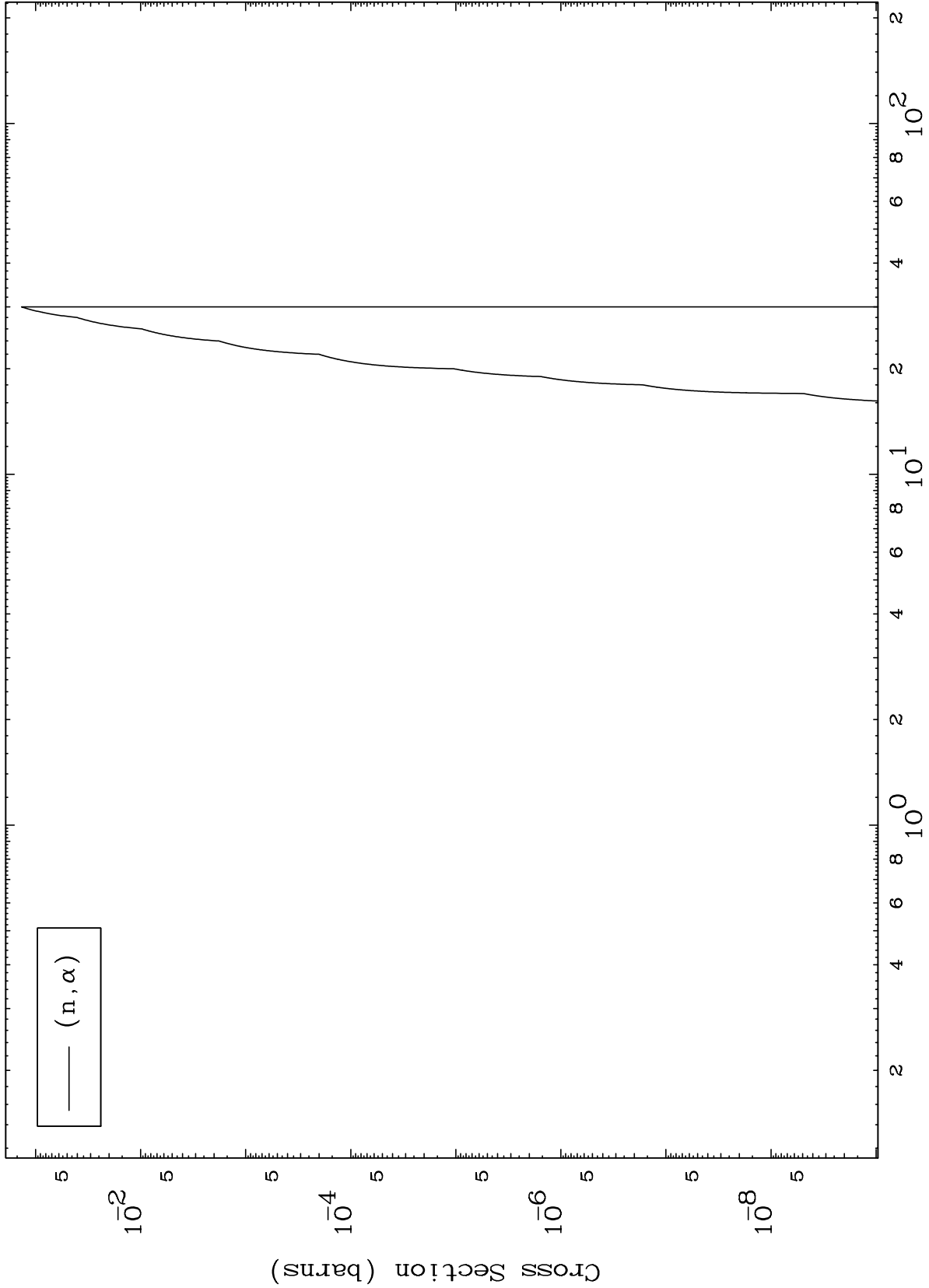


MAT 7920

(α, α) Levels

79-Au-195m

0 Kelvin Cross Sections

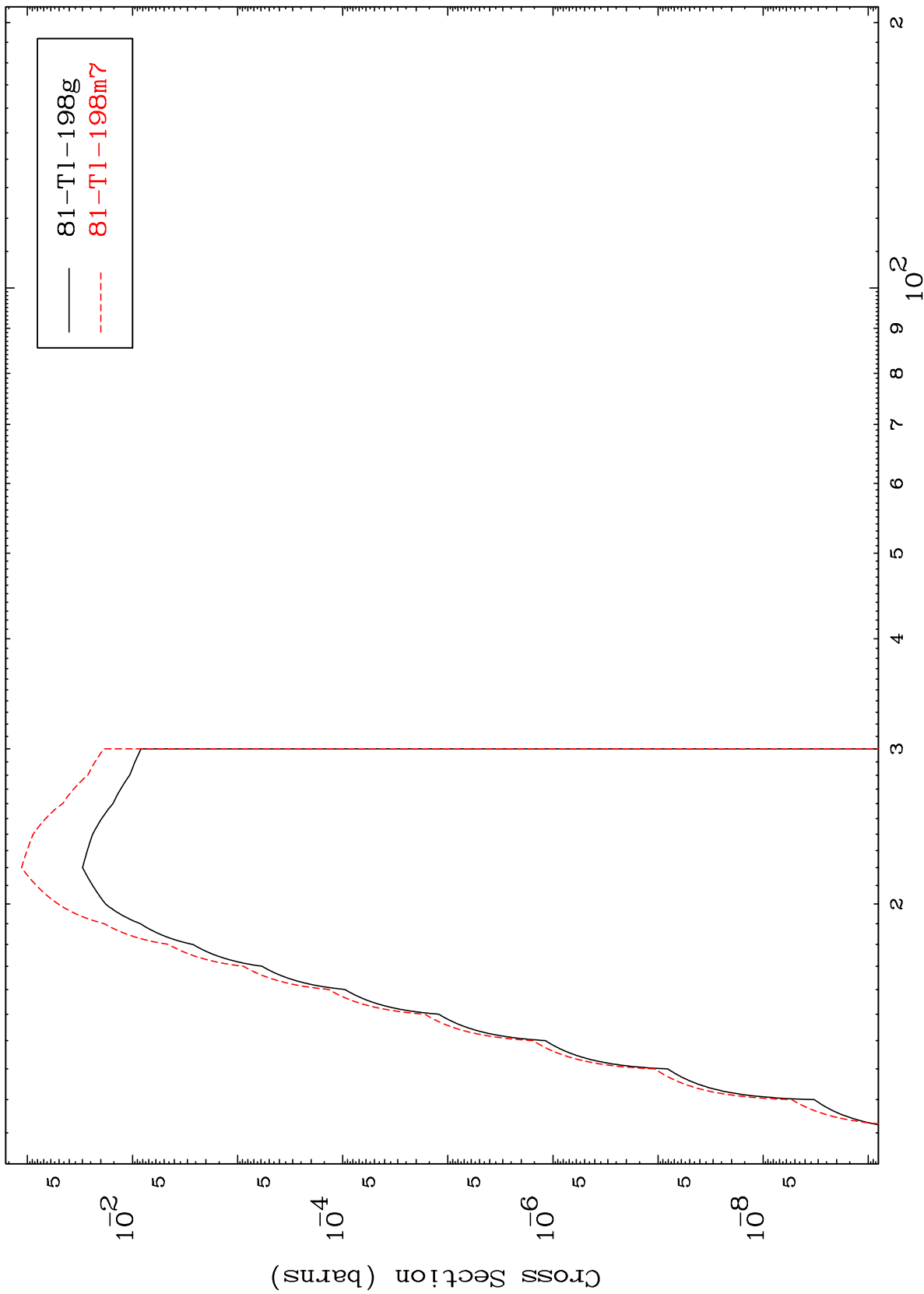


10

Incident Energy (MeV)

79-Au-195m

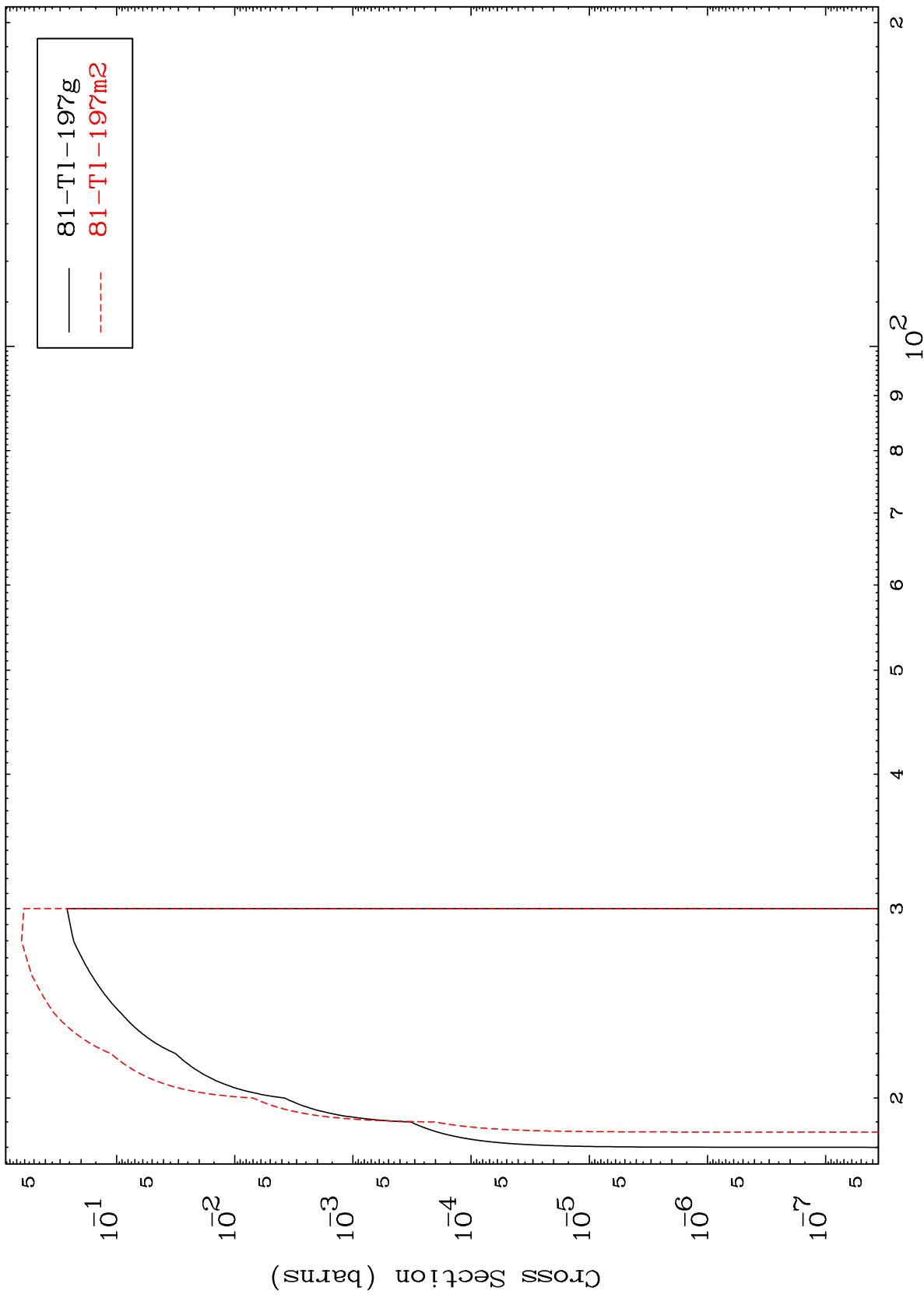
Inelastic Radionuclide Production Cross Section



MAT 7920

79-Au-195m

(n,2n)
Radionuclide Production Cross Section



79-Au-195m

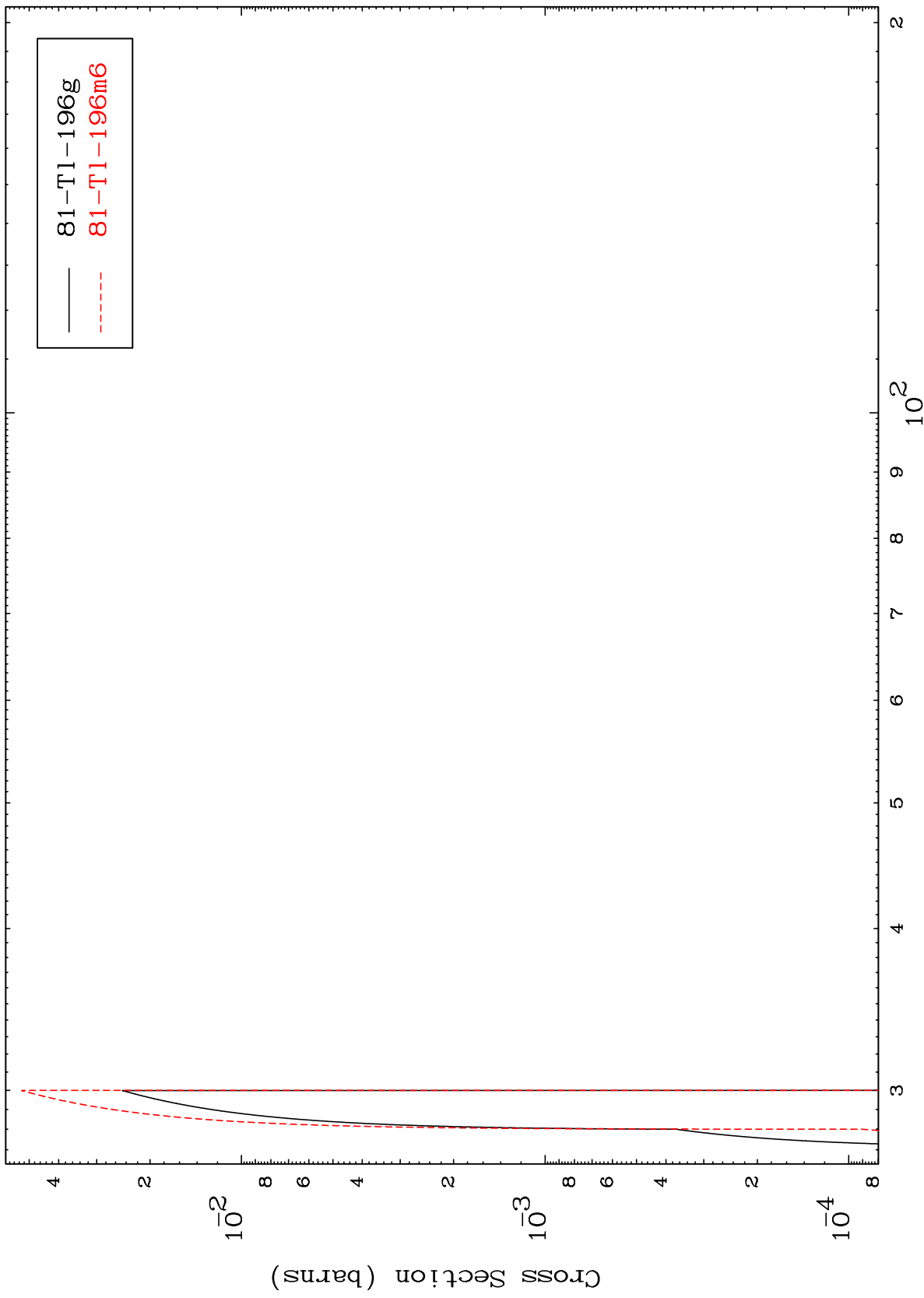
Incident Energy (MeV)

12

MAT 7920

79-Au-195m

(n,3n)
Radionuclide Production Cross Section



79-Au-195m

Incident Energy (MeV)

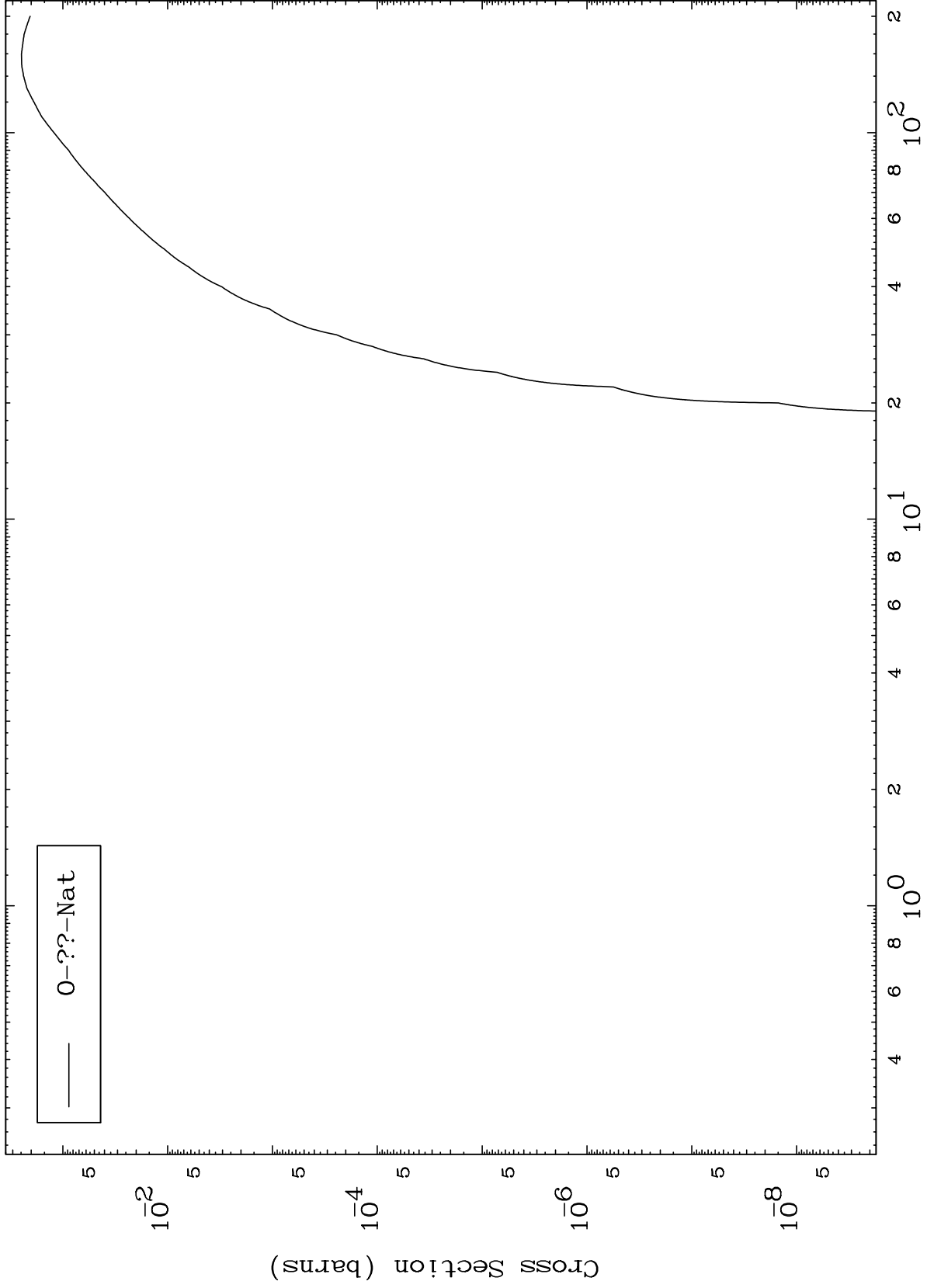
13

MAT 7920

Fission

⁷⁹Au-195m

Radionuclide Production Cross Section

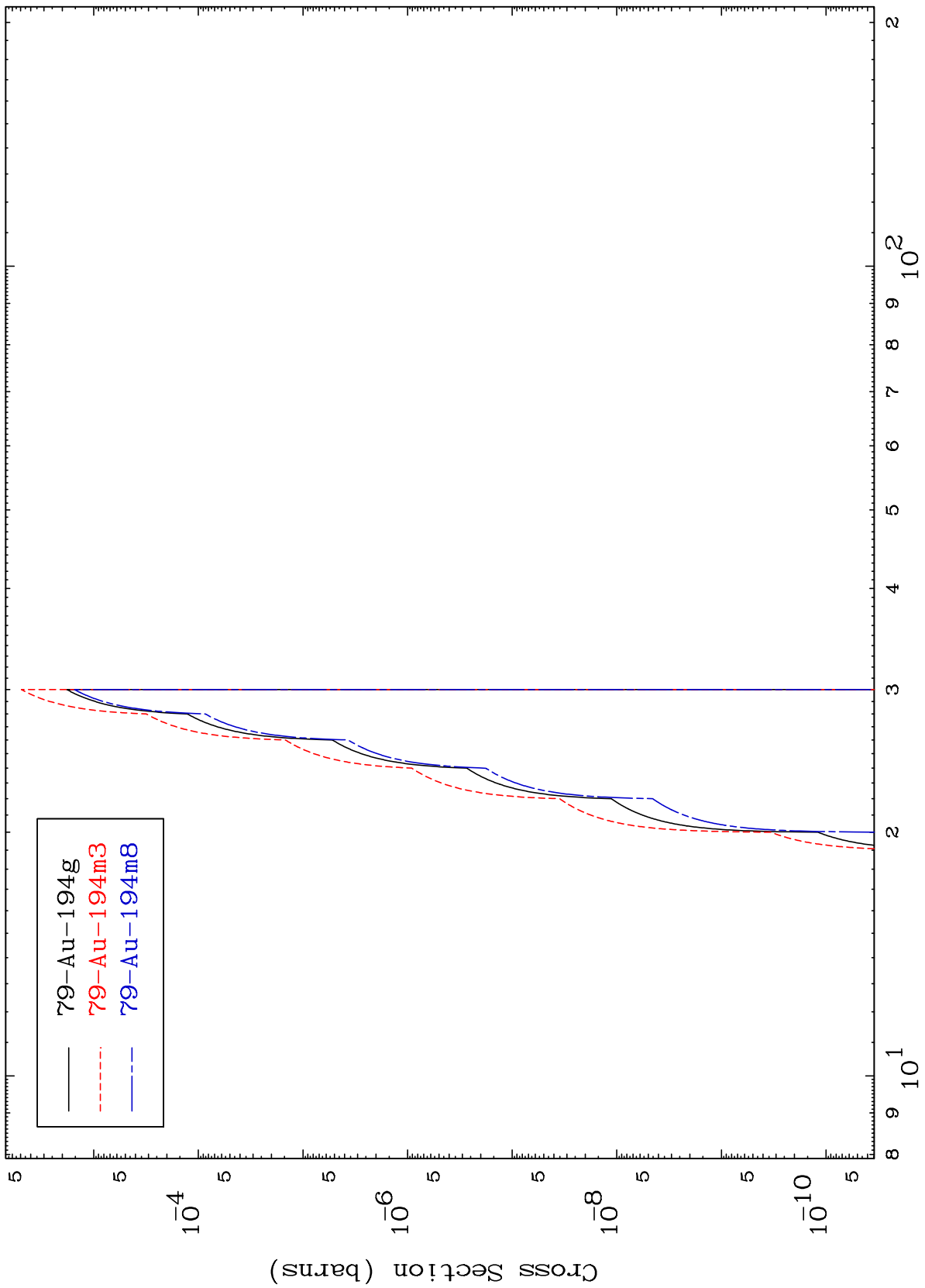


MAT 7920

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

$(n, n') \alpha$

Radionuclide Production Cross Section



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

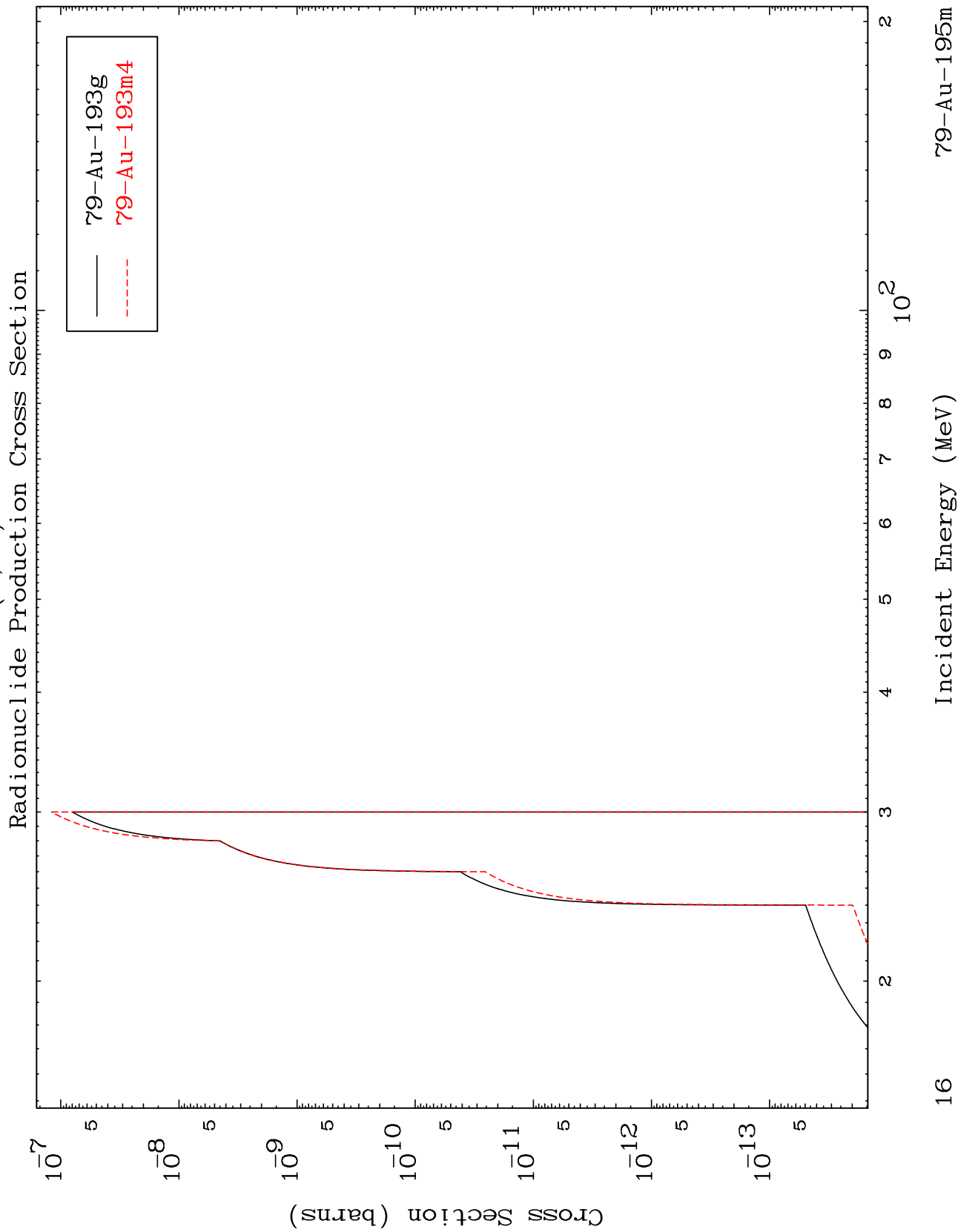
Incident Energy (MeV)

15

MAT 7920

(n,2n) α

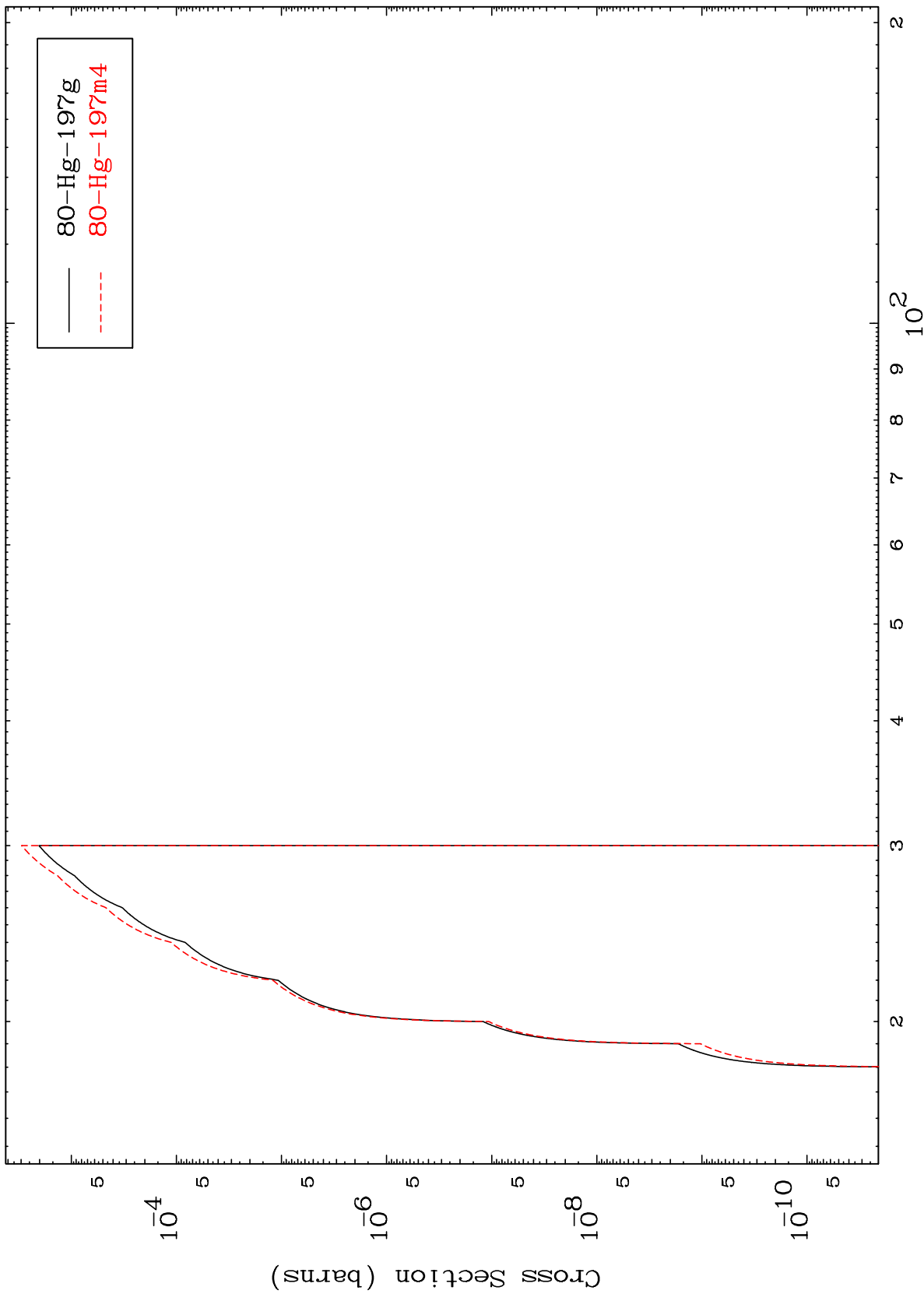
79-Au-195m



16

79-Au-195m

Radionuclide Production Cross Section

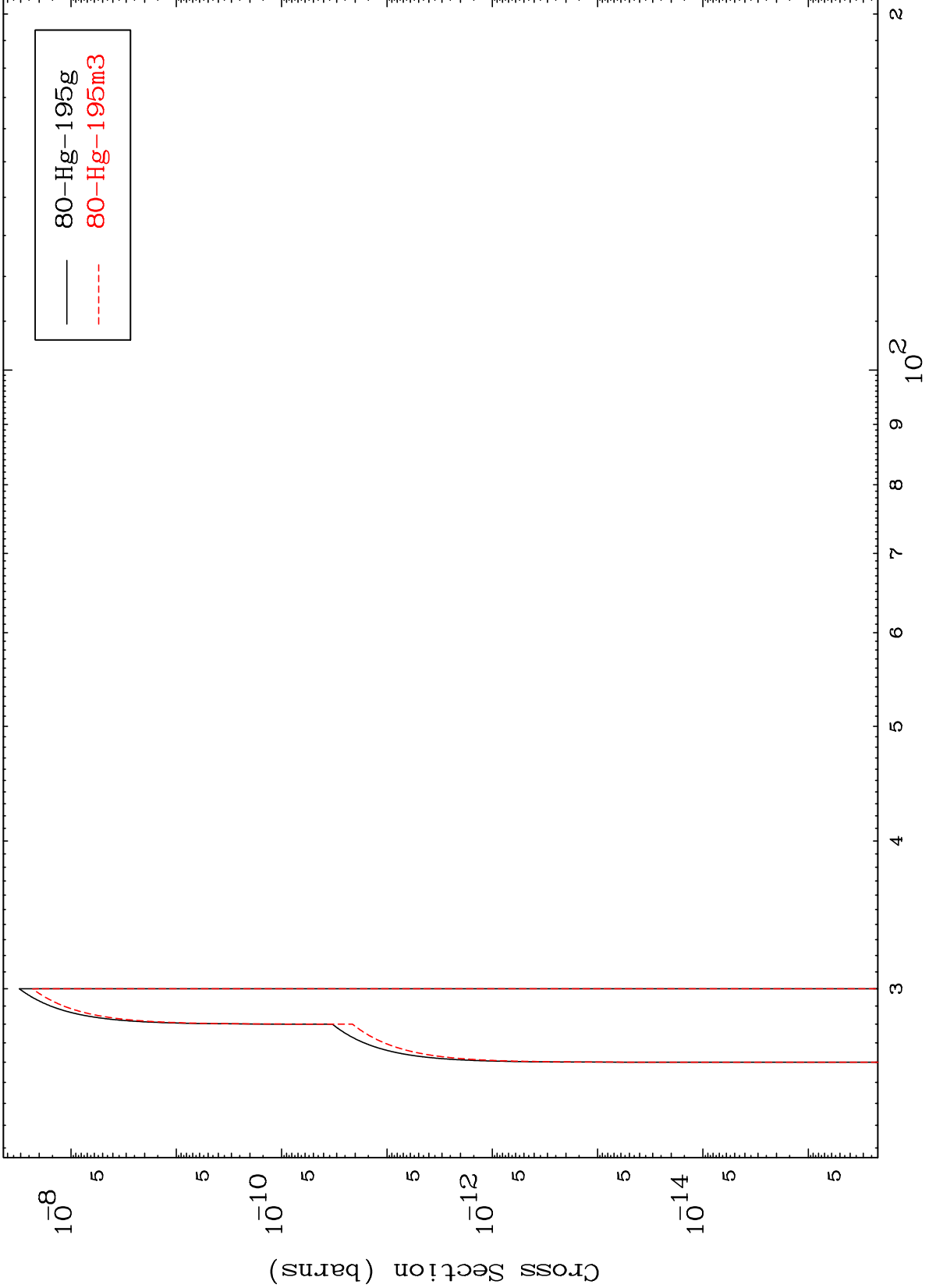


MAT 7920

(n,n') t

79-Au-195m

Radionuclide Production Cross Section



18

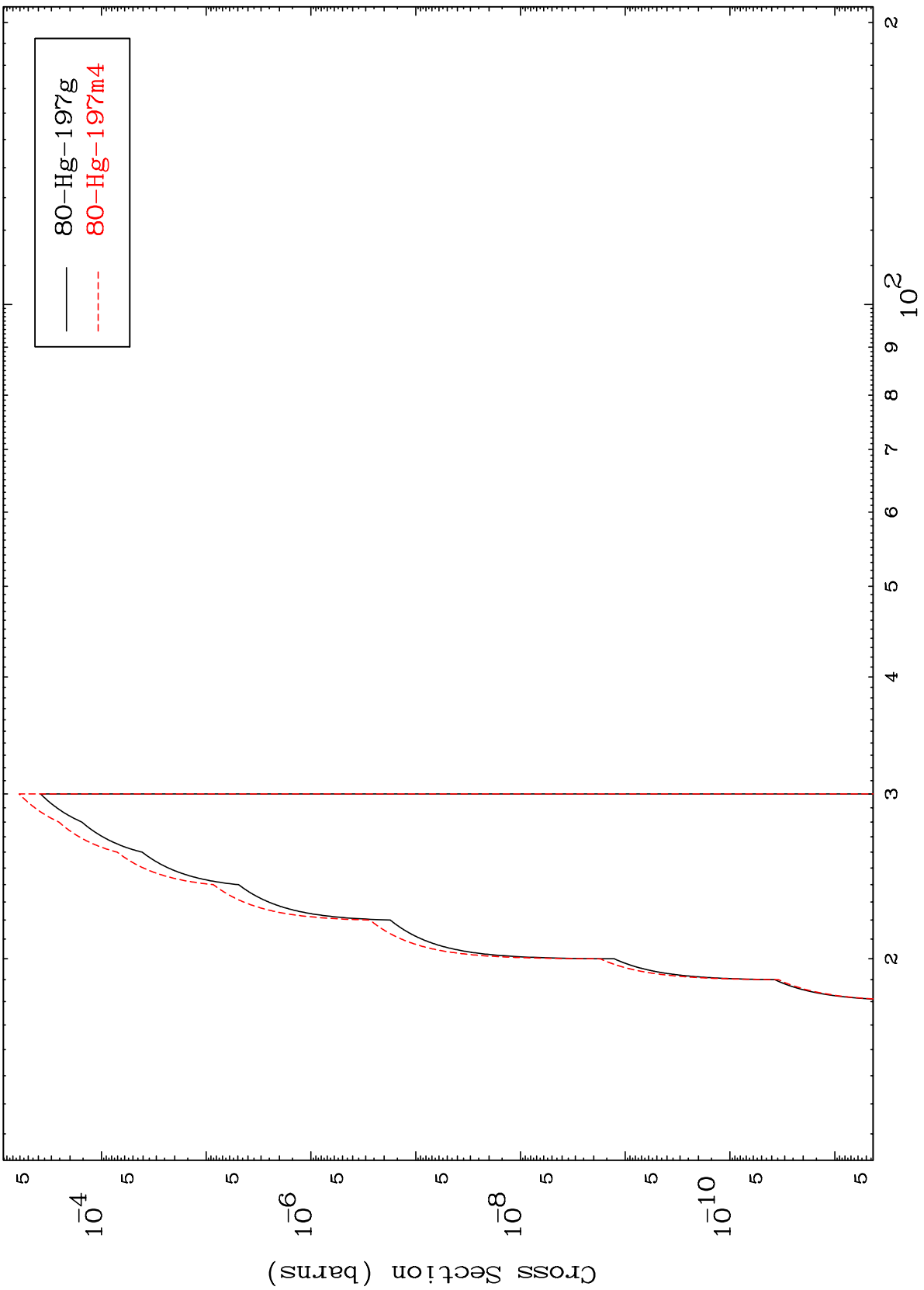
Incident Energy (MeV)

79-Au-195m

MAT 7920

79-Au-195m

(n,d)
Radionuclide Production Cross Section



80-Hg-197g
80-Hg-197m4

19

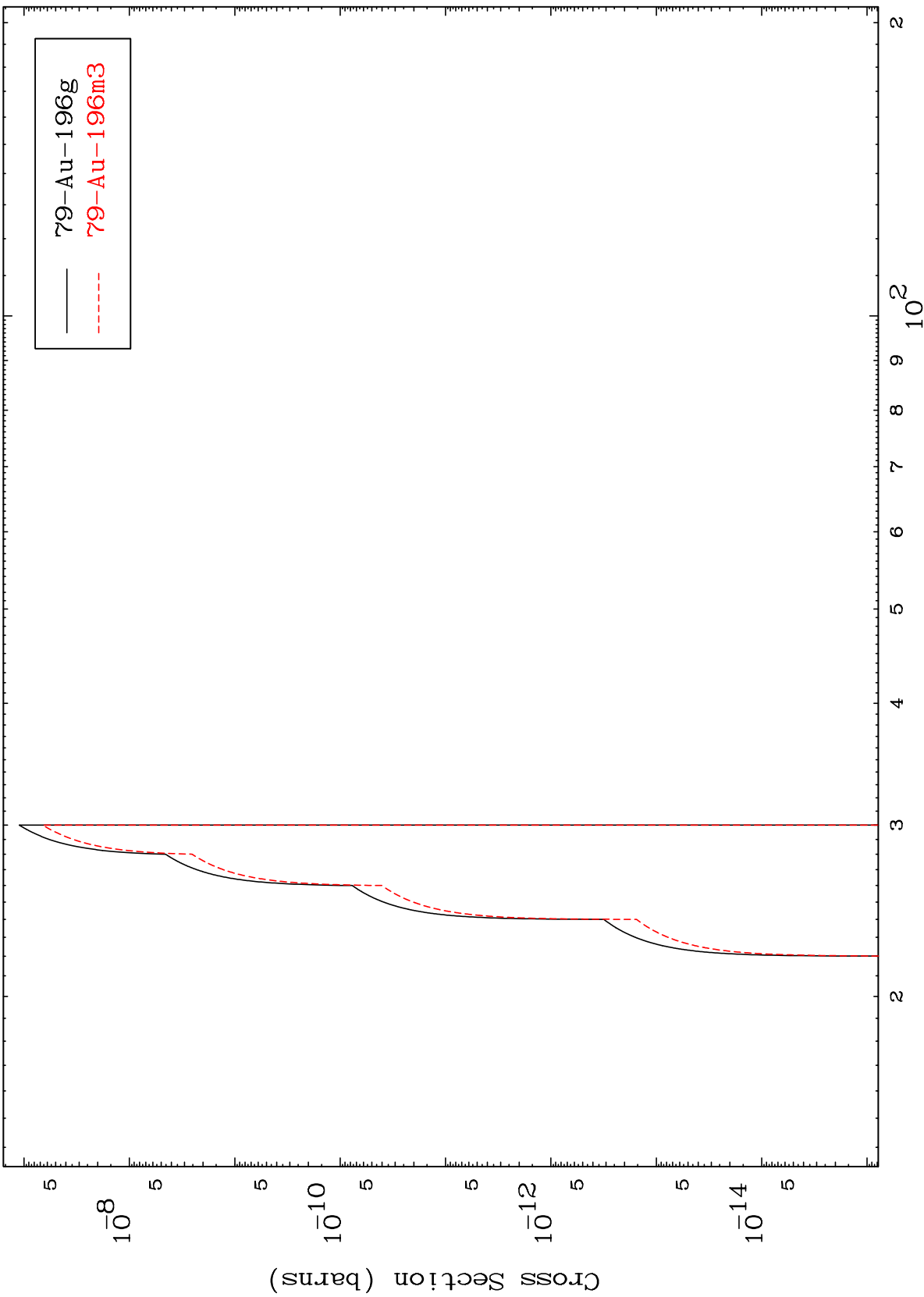
Incident Energy (MeV)

79-Au-195m

MAT 7920

79-Au-195m

(n,He-3)
Radionuclide Production Cross Section



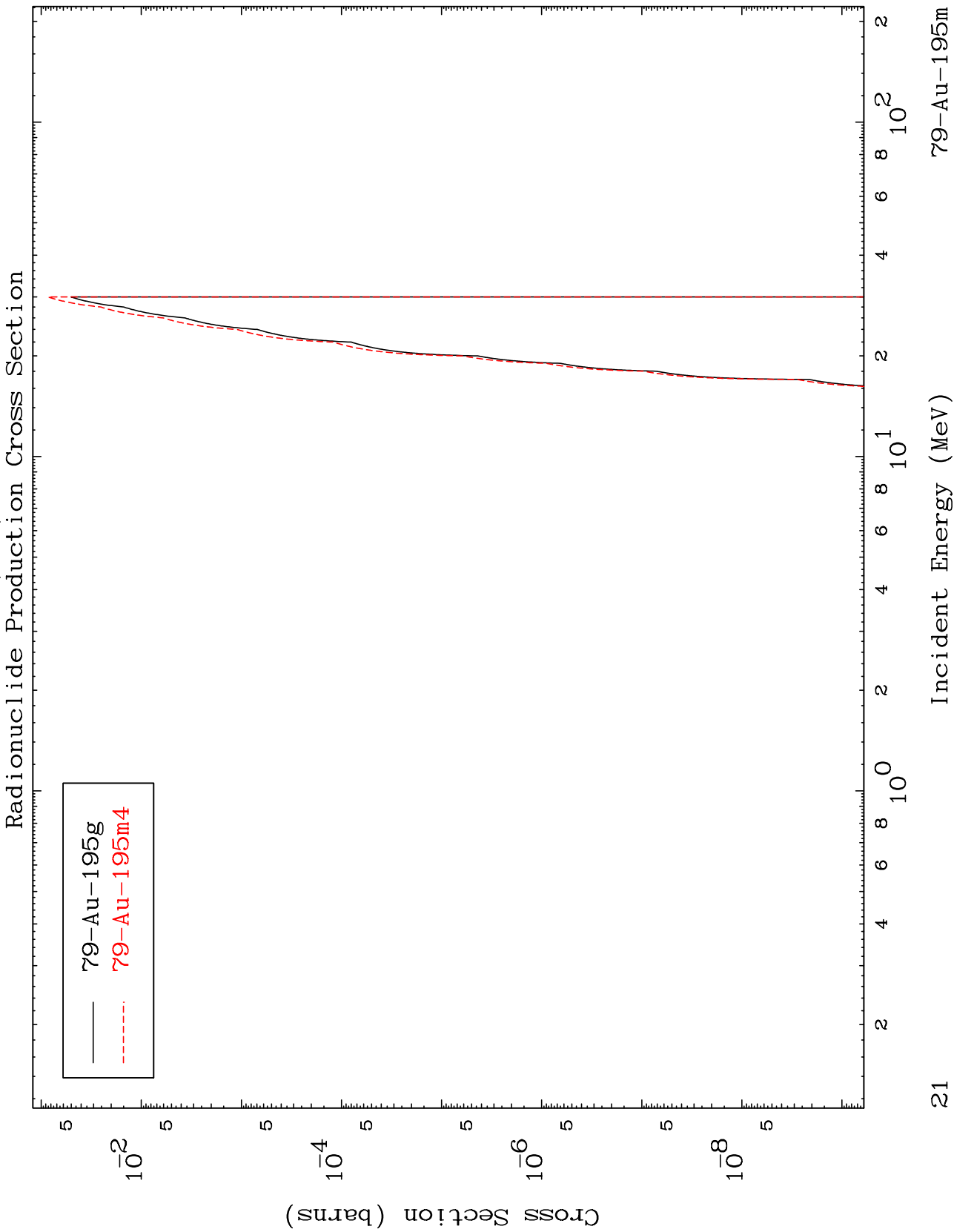
20

Incident Energy (MeV)

79-Au-195m

MAT 7920

⁷⁹Au-195m



— 79-Au-195g
- - - 79-Au-195m4

(n,2p)
Radionuclide Production Cross Section

