

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

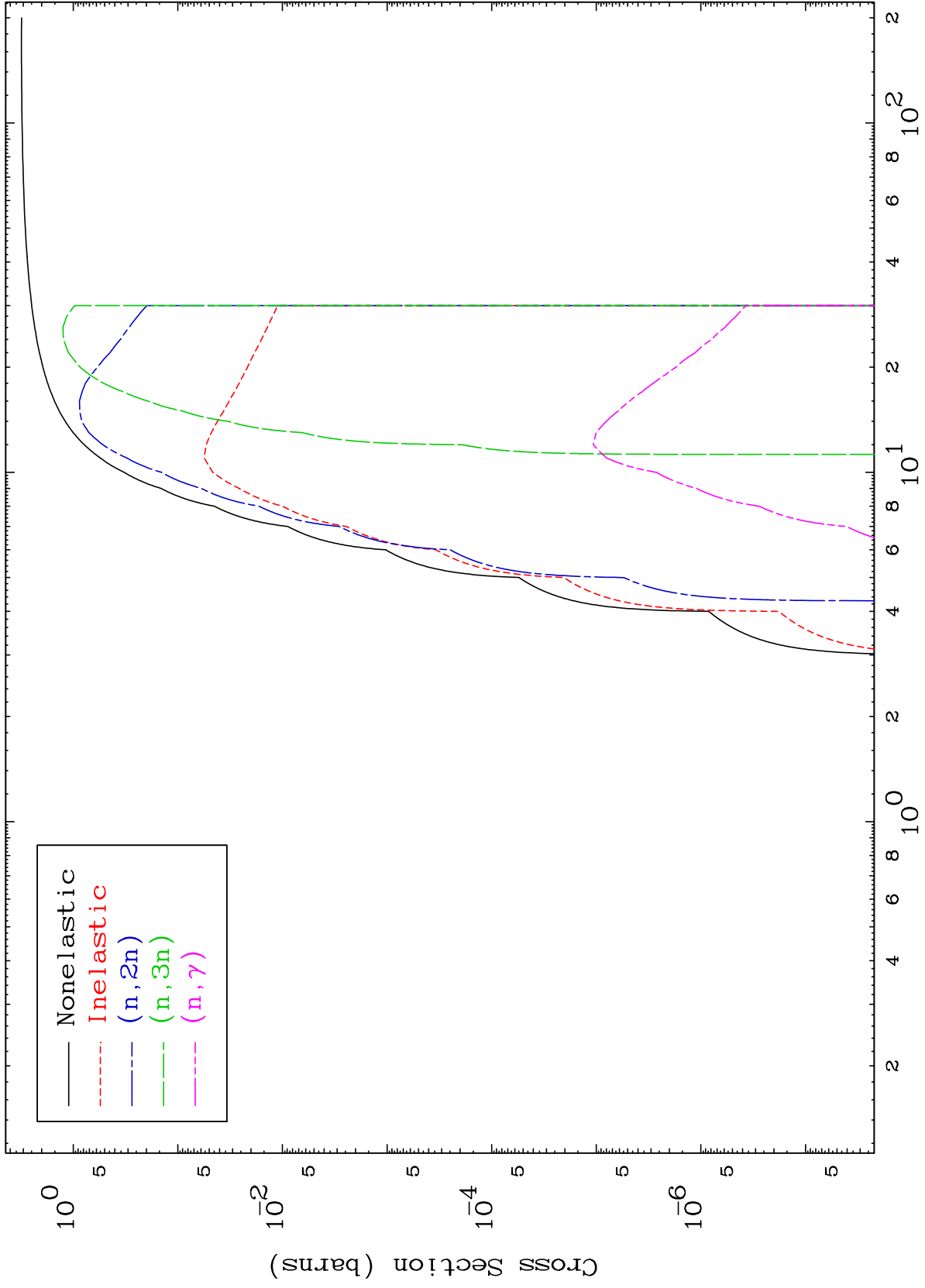
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7920

Deuteron Major
0 Kelvin Cross Sections

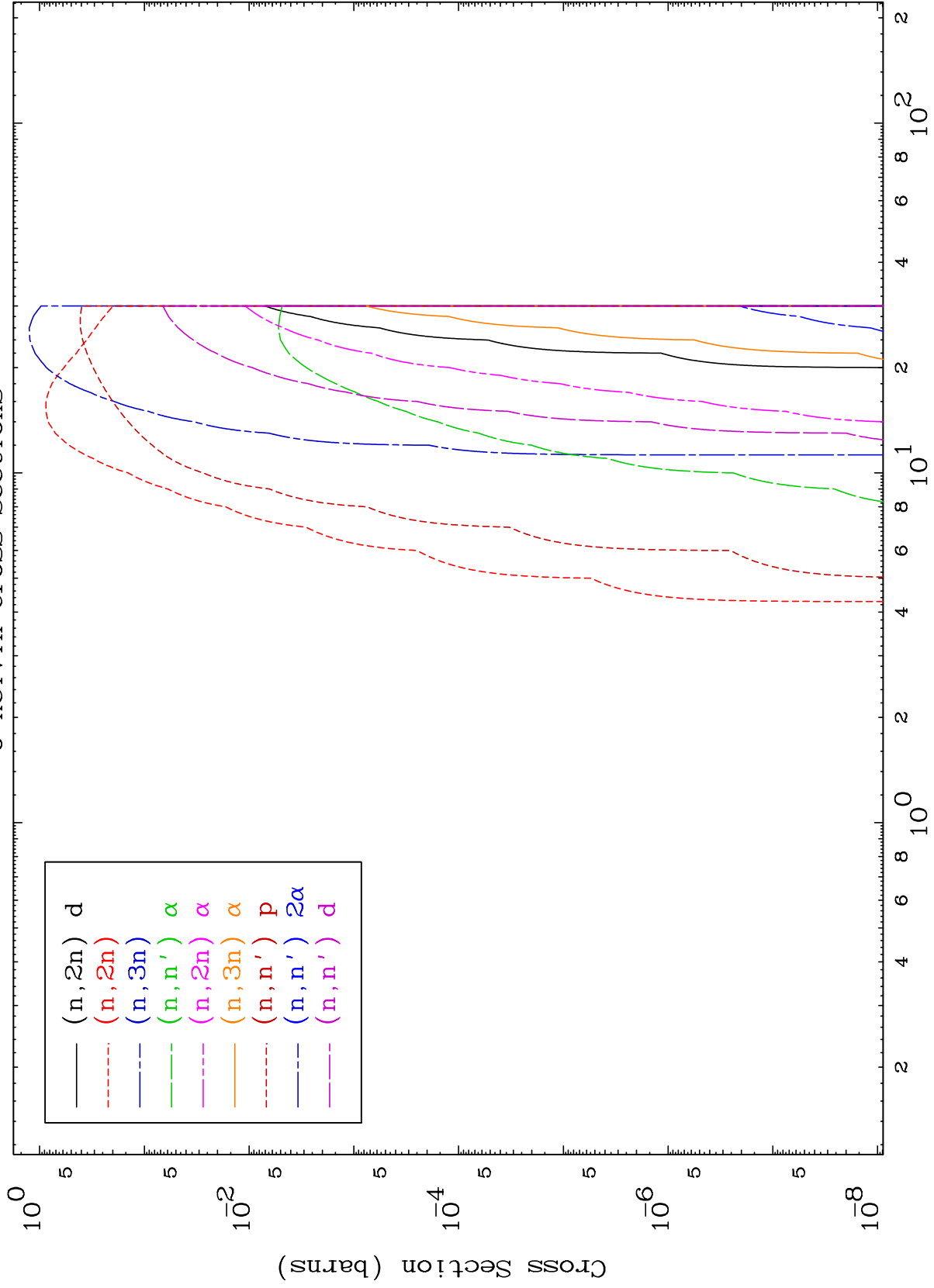
79-Au-195m



MAT 7920

Deuteron Neutron Absorption
0 Kelvin Cross Sections

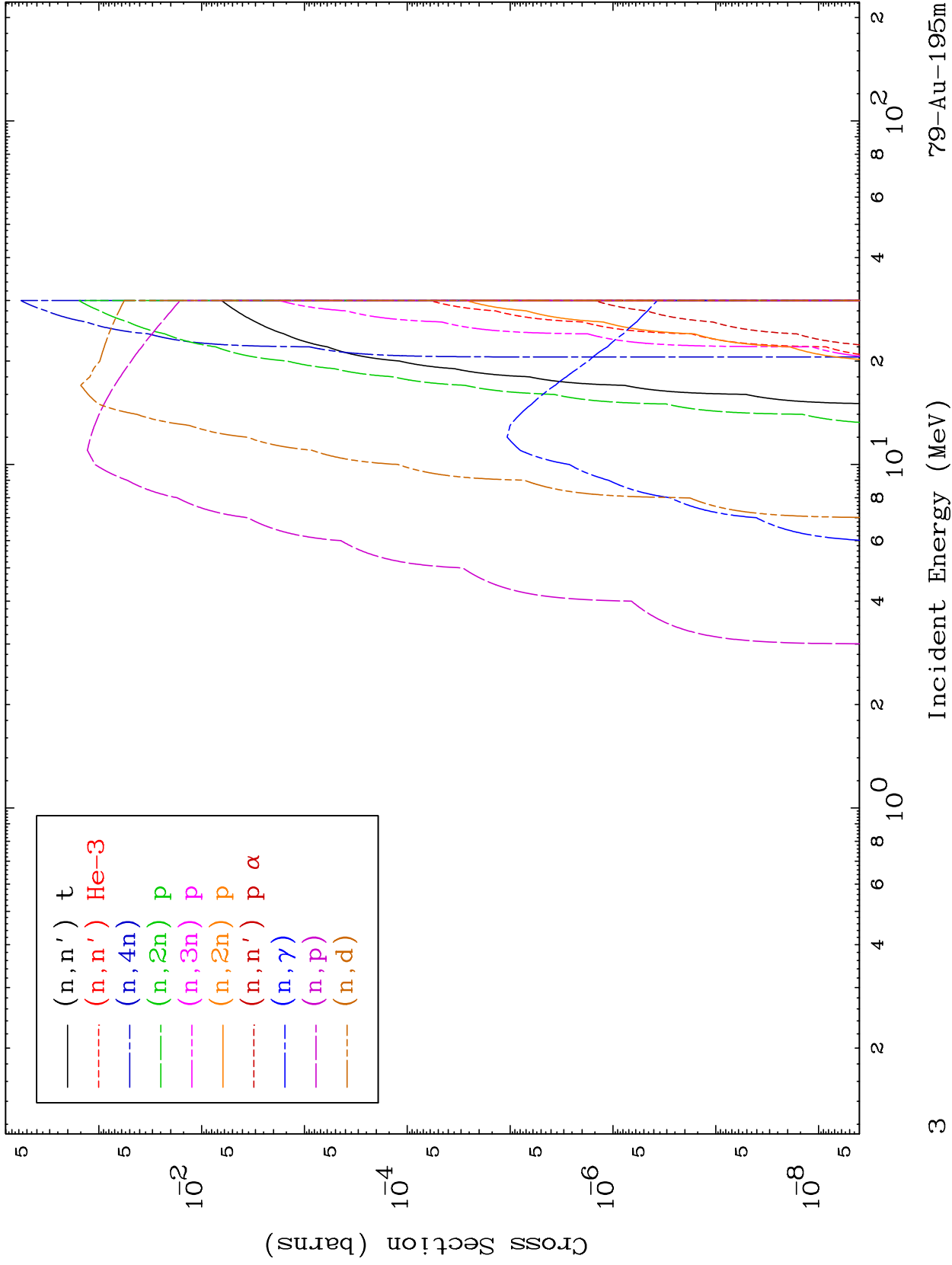
79-Au-195m



MAT 7920

Deuteron Neutron Absorption
0 Kelvin Cross Sections

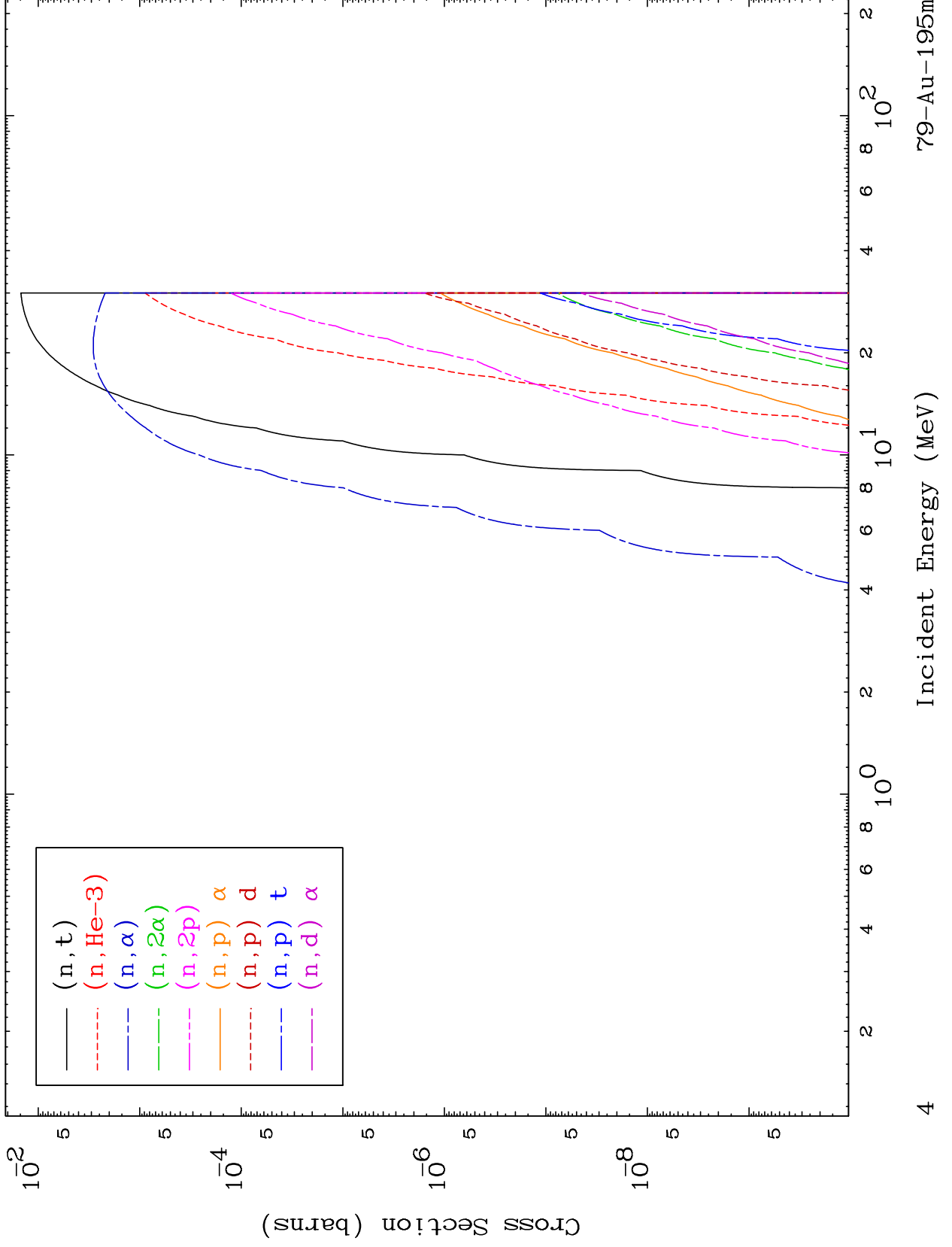
79-Au-195m



MAT 7920

Deuteron Neutron Absorption
0 Kelvin Cross Sections

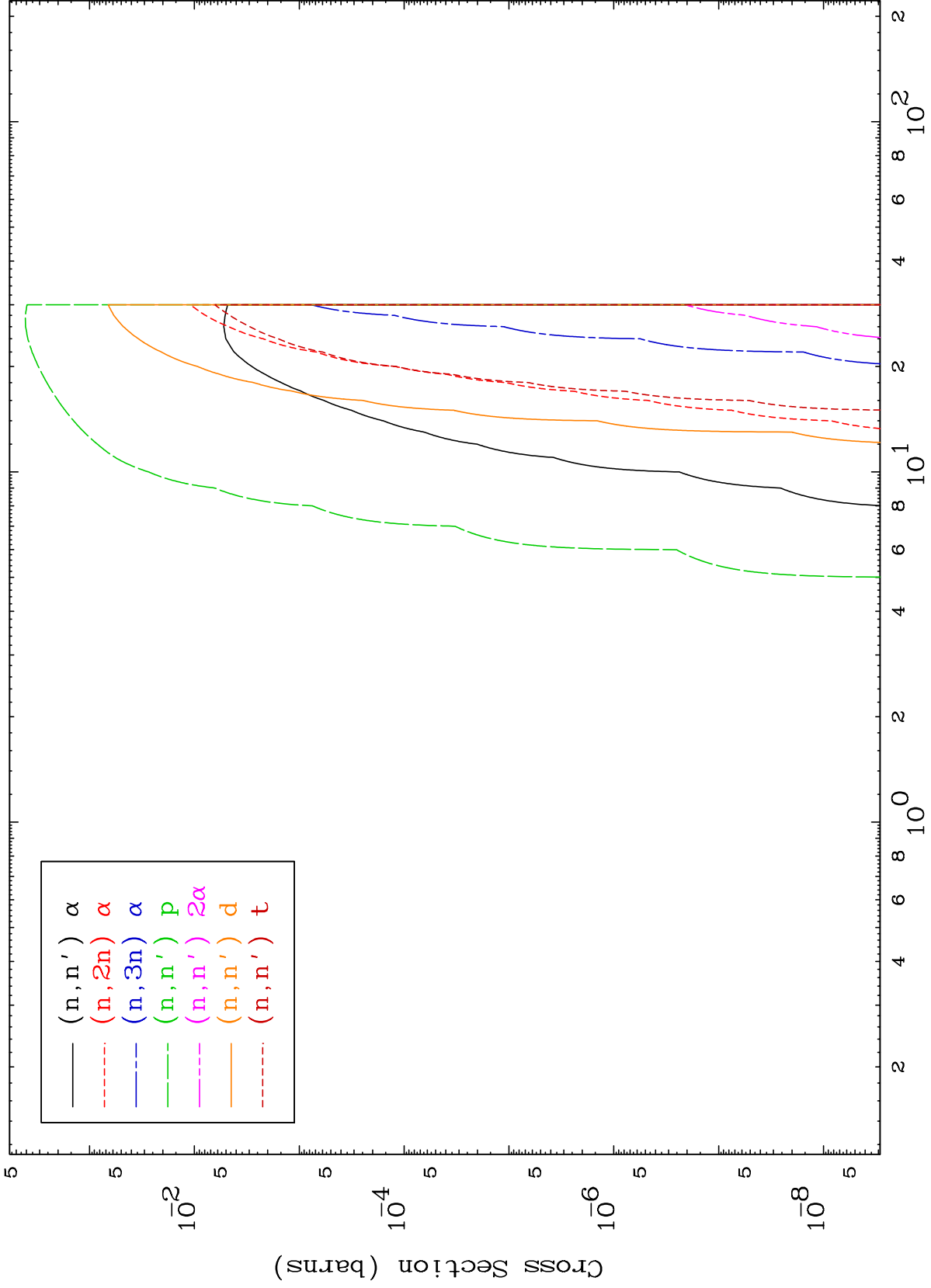
79-Au-195m



MAT 7920

Deuteron Charged Particle
0 Kelvin Cross Sections

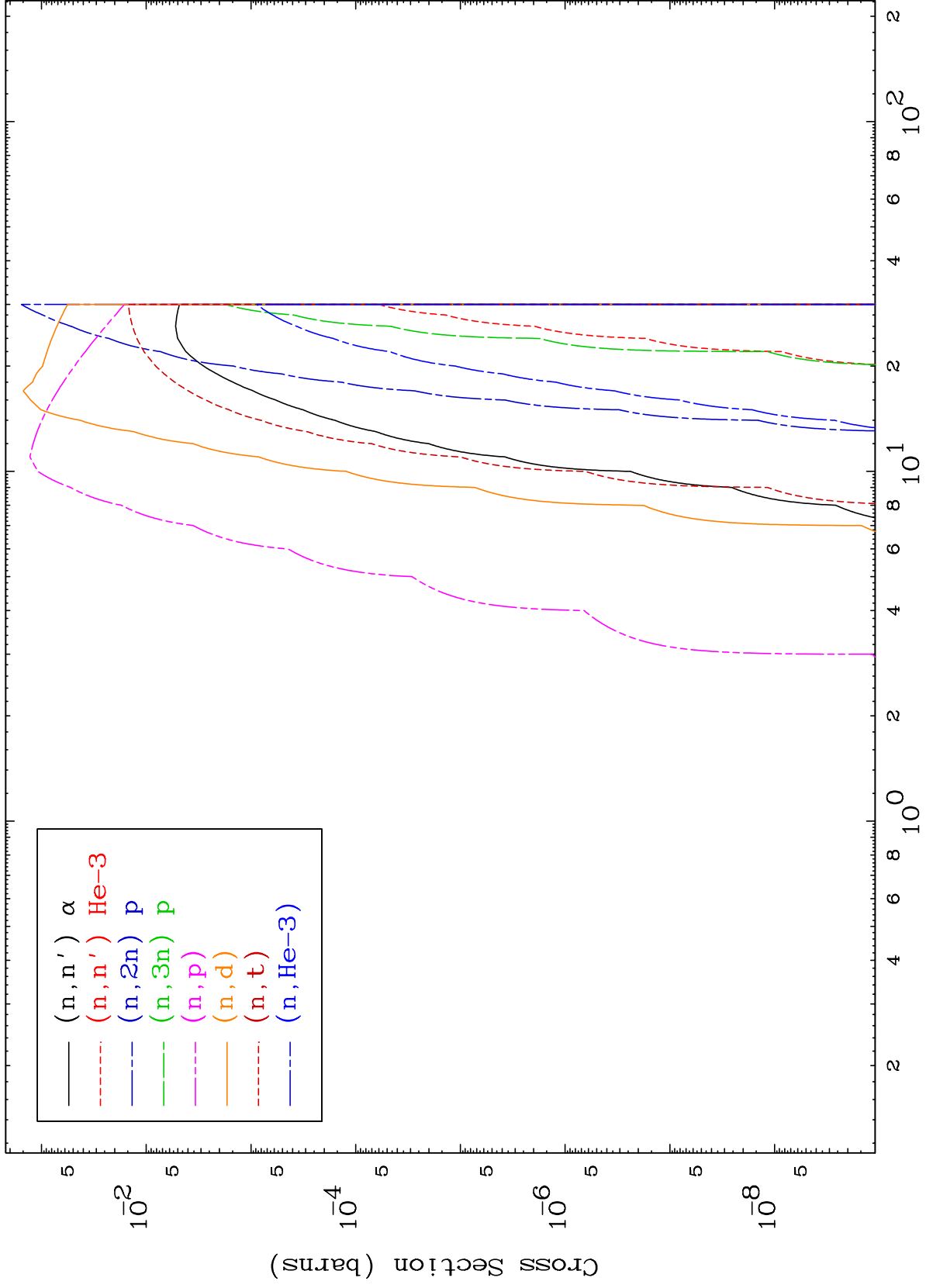
⁷⁹Au-195m



MAT 7920

Deuteron Charged Particle
0 Kelvin Cross Sections

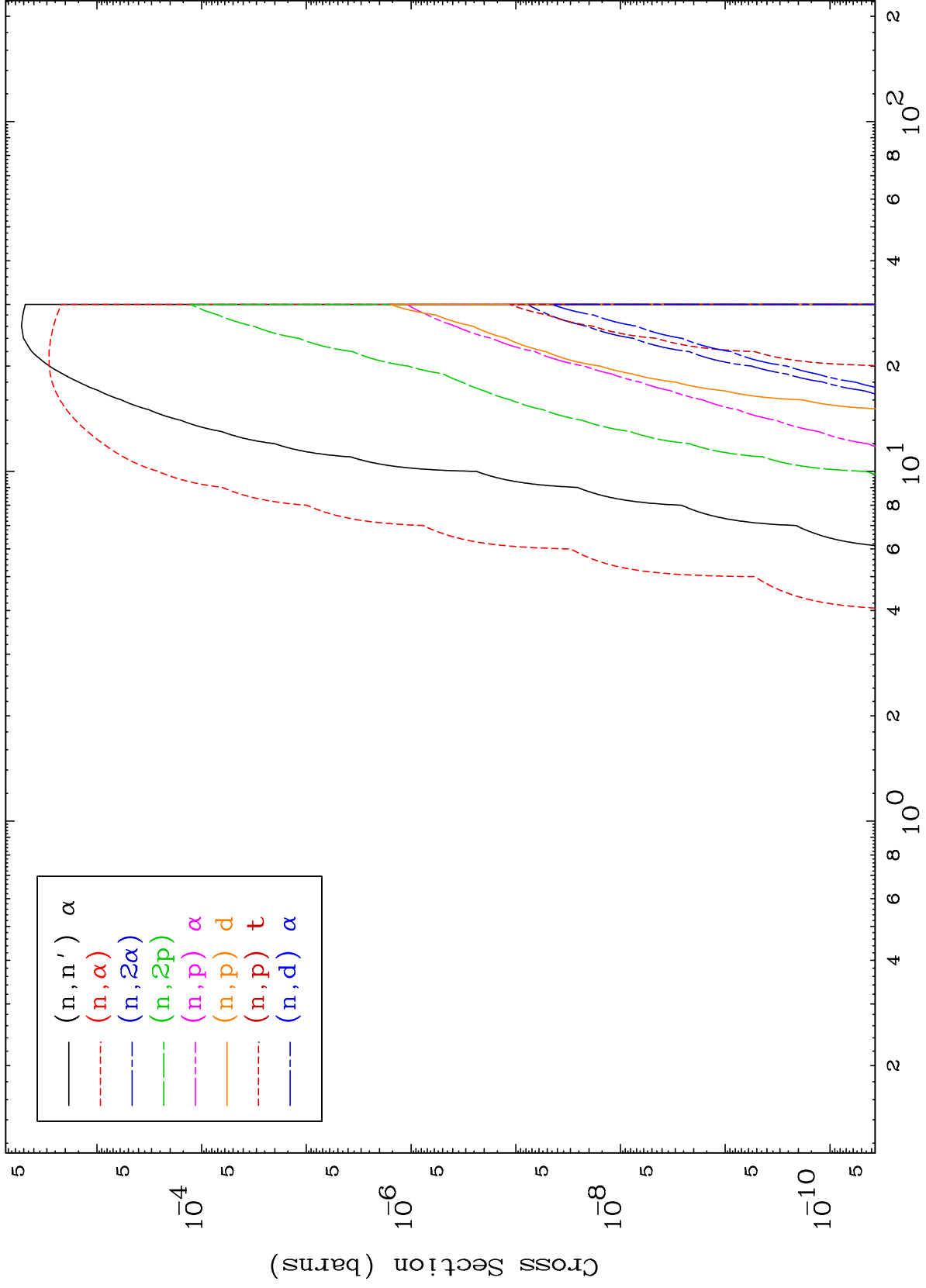
79-Au-195m



MAT 7920

Deuteron Charged Particle
0 Kelvin Cross Sections

⁷⁹Au-195m

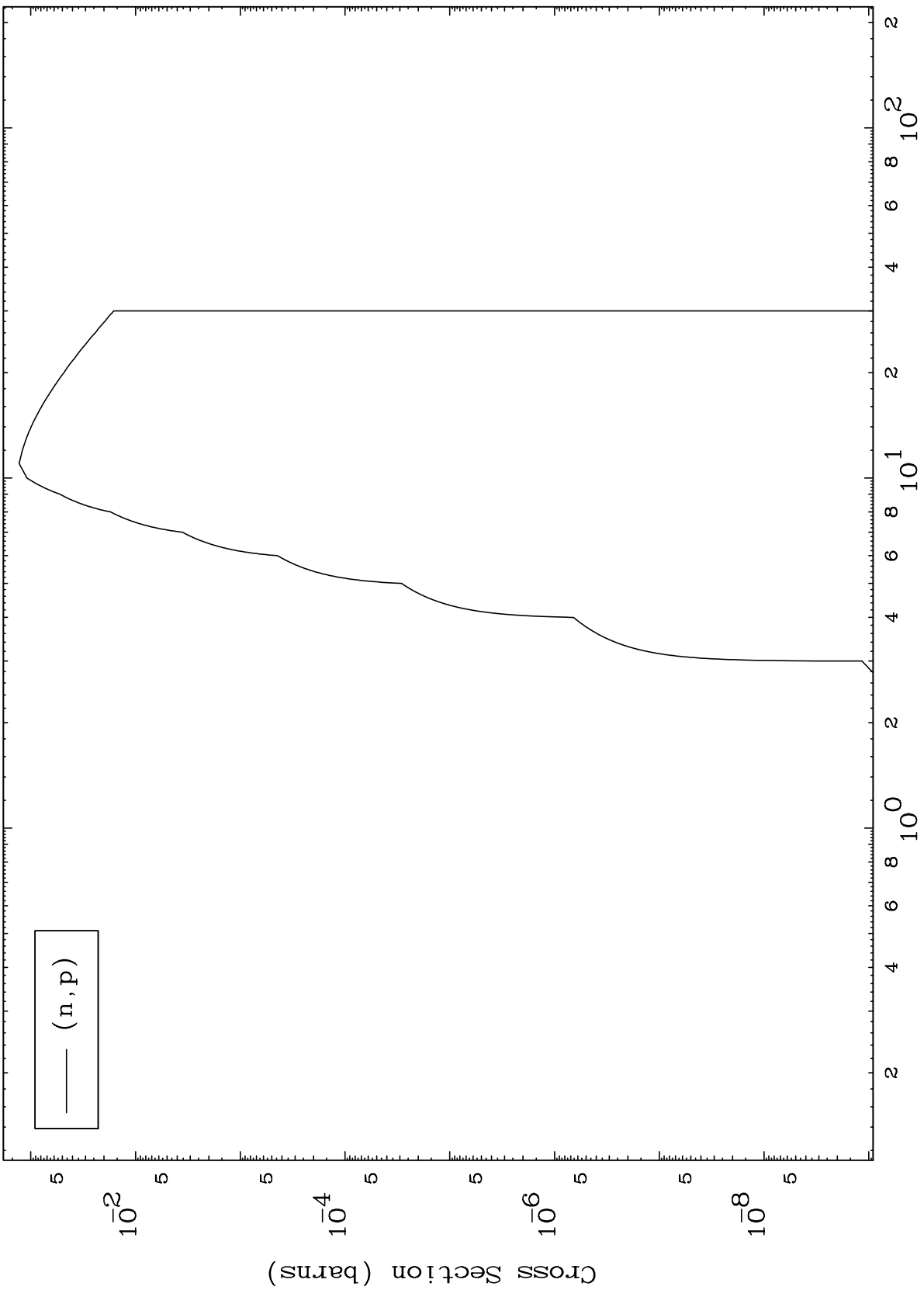


MAT 7920

(d,p) Levels

79-Au-195m

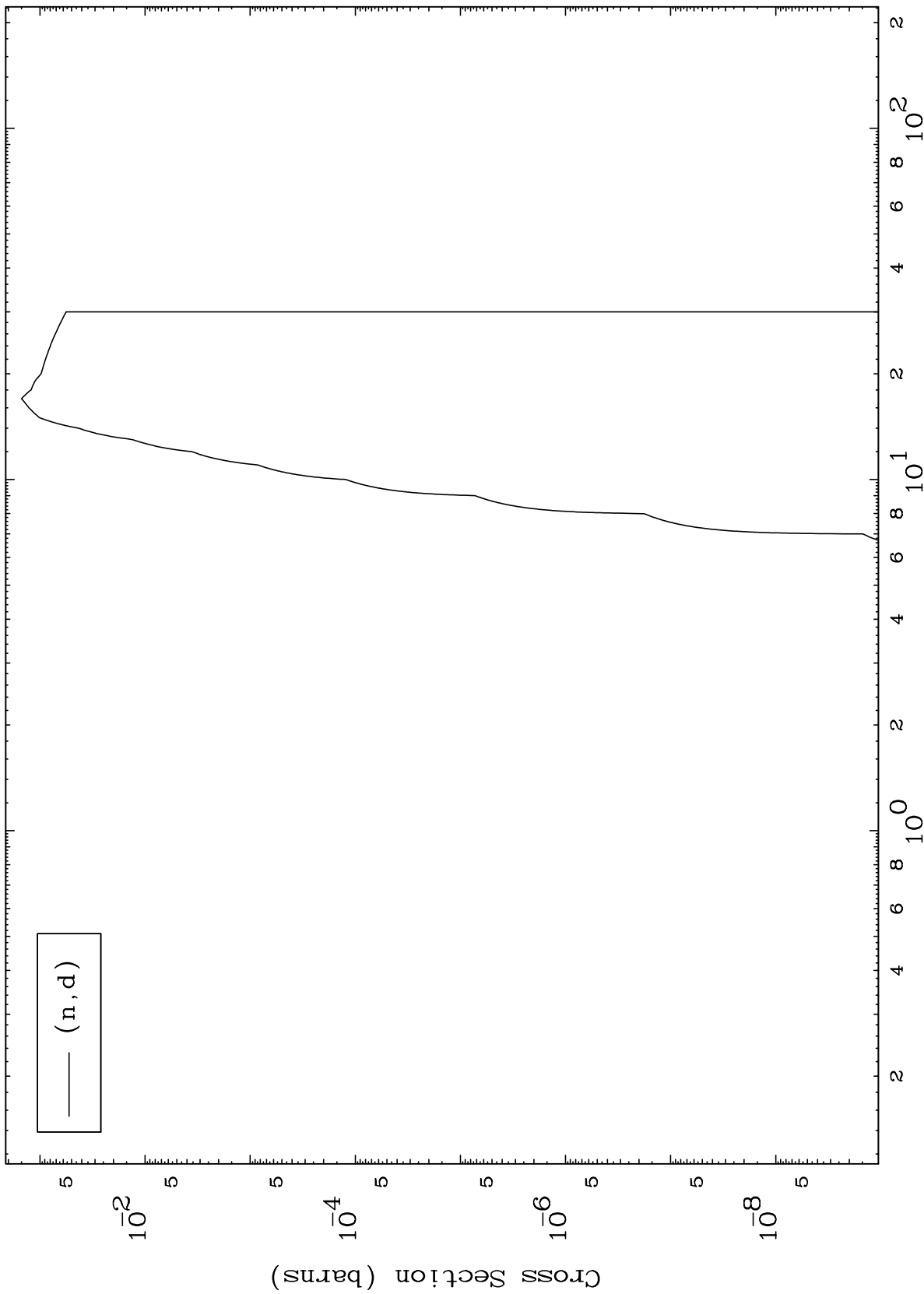
0 Kelvin Cross Sections



MAT 7920

79-Au-195m

(d,d) Levels
0 Kelvin Cross Sections



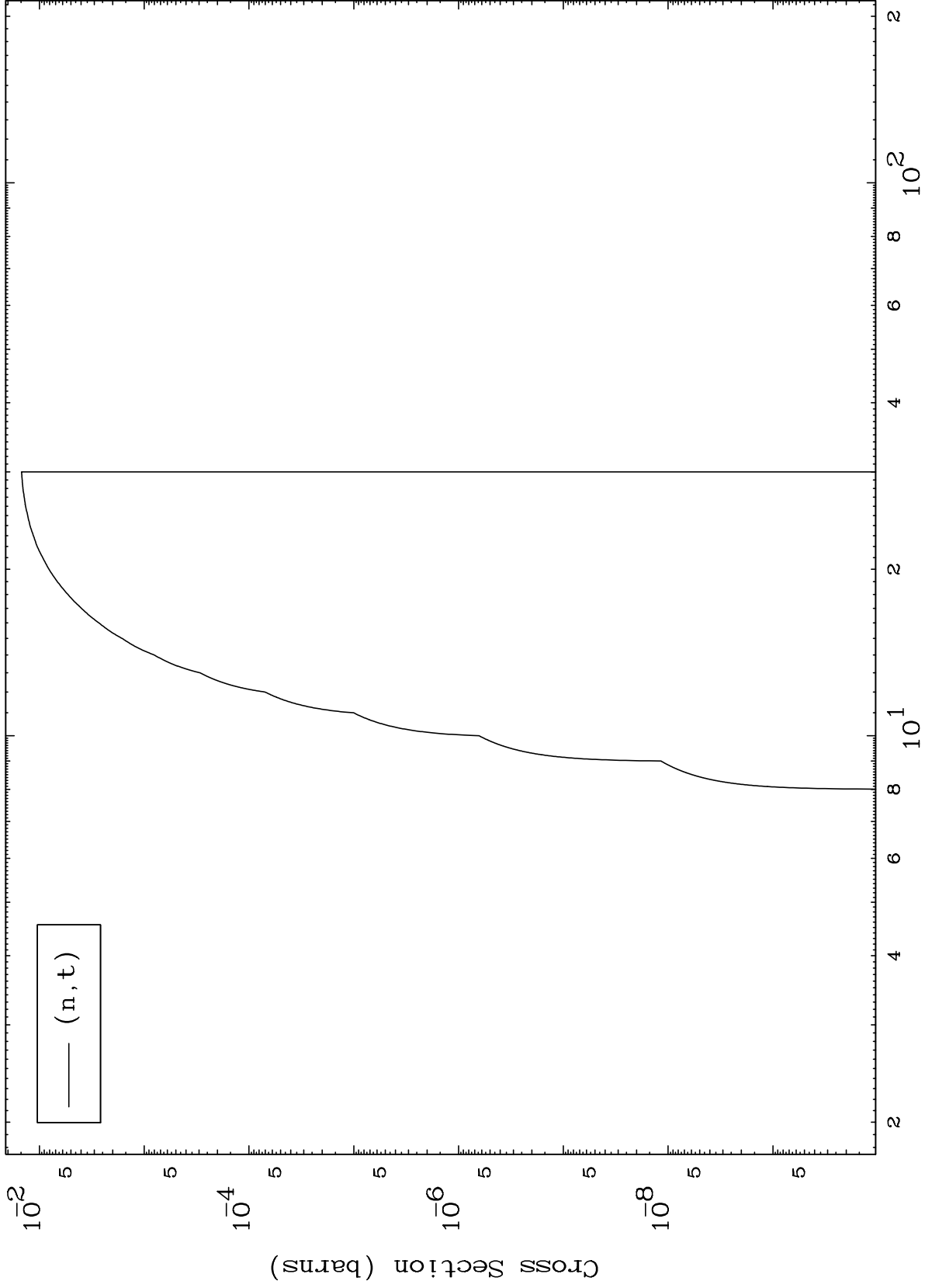
79-Au-195m

Incident Energy (MeV)

MAT 7920

(d,t) Levels
0 Kelvin Cross Sections

79-Au-195m



10

Incident Energy (MeV)

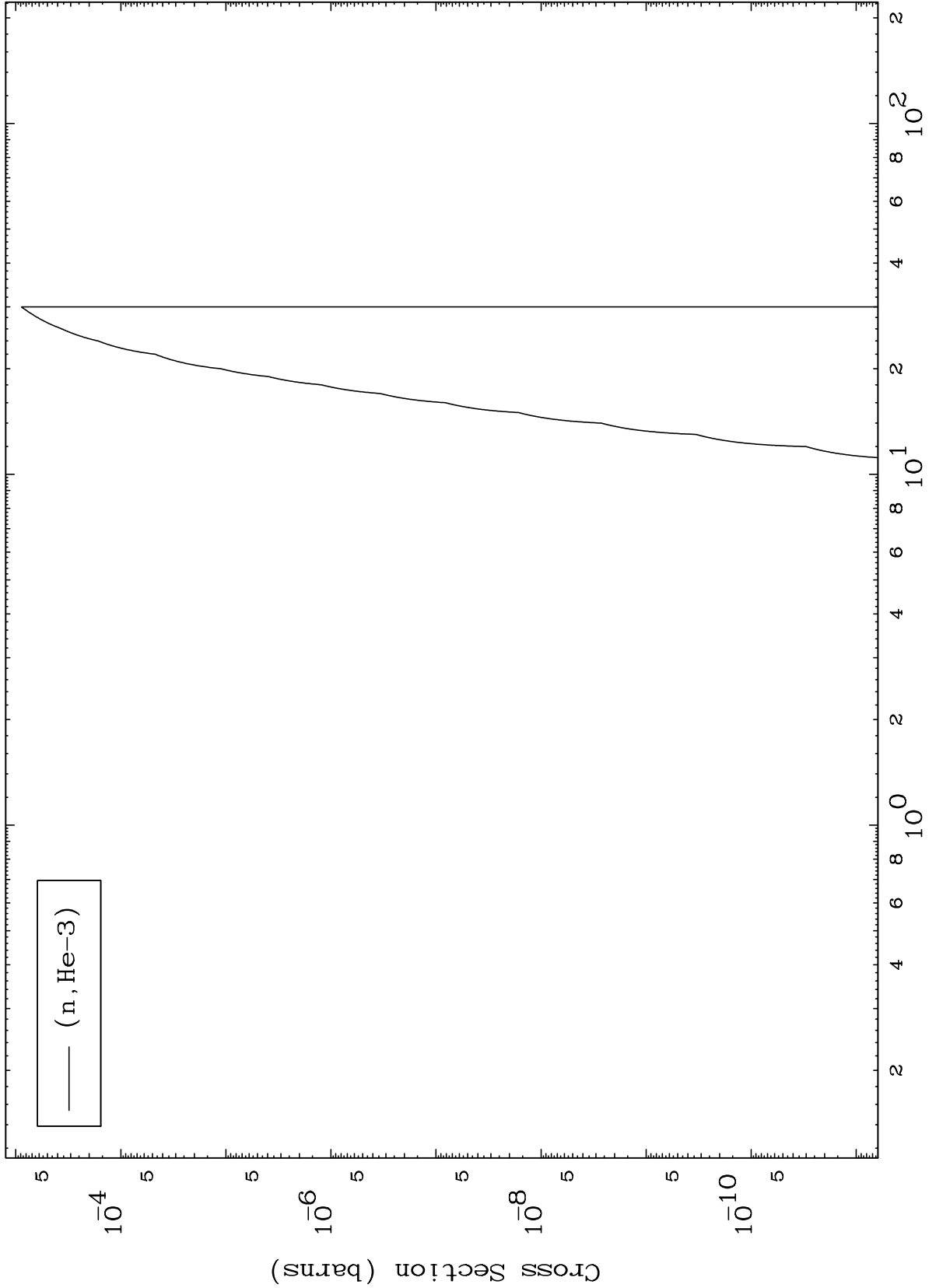
79-Au-195m

MAT 7920

(d,He3) Levels

79-Au-195m

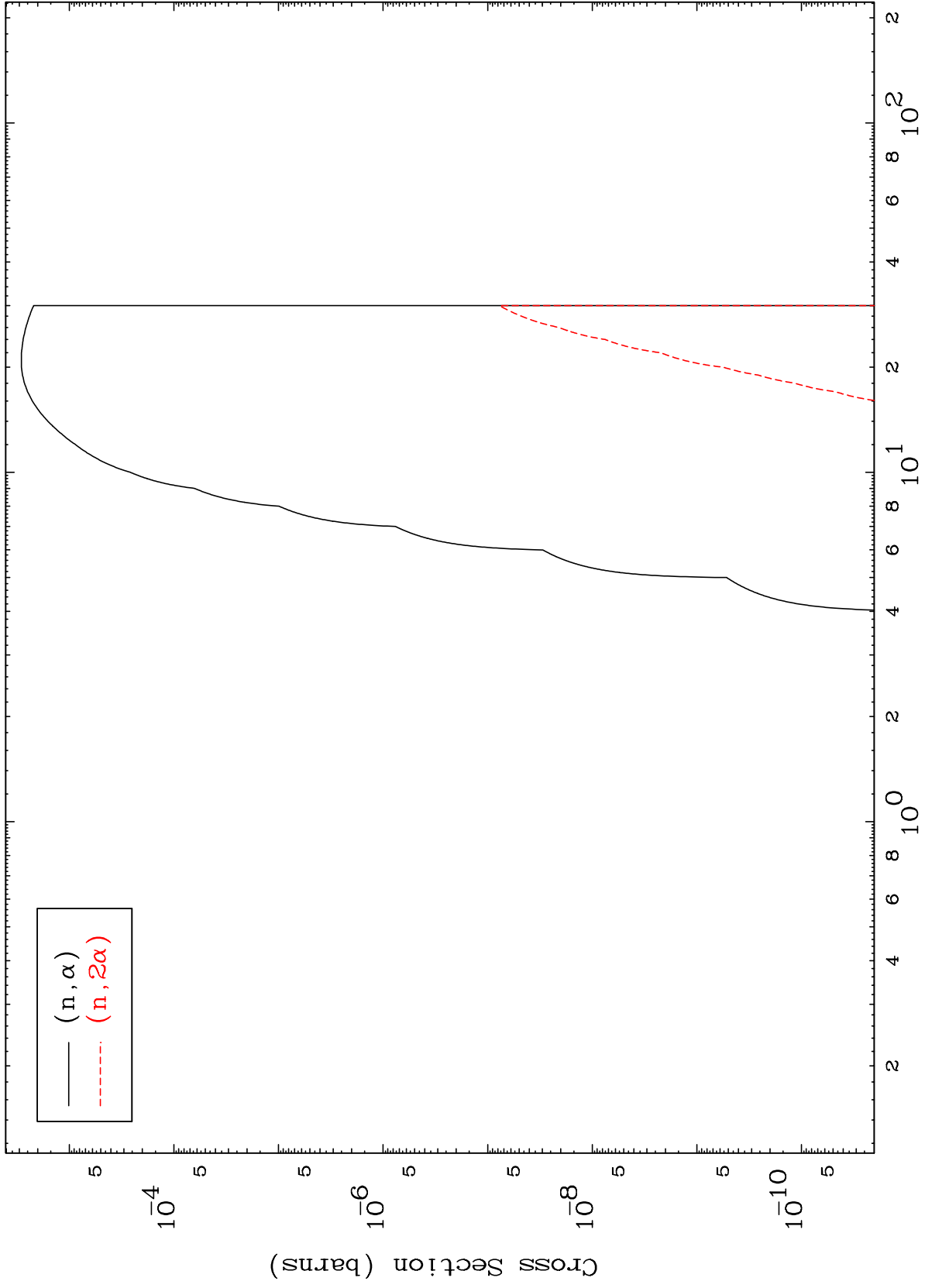
0 Kelvin Cross Sections



MAT 7920

(d, α) Levels
0 Kelvin Cross Sections

79-Au-195m

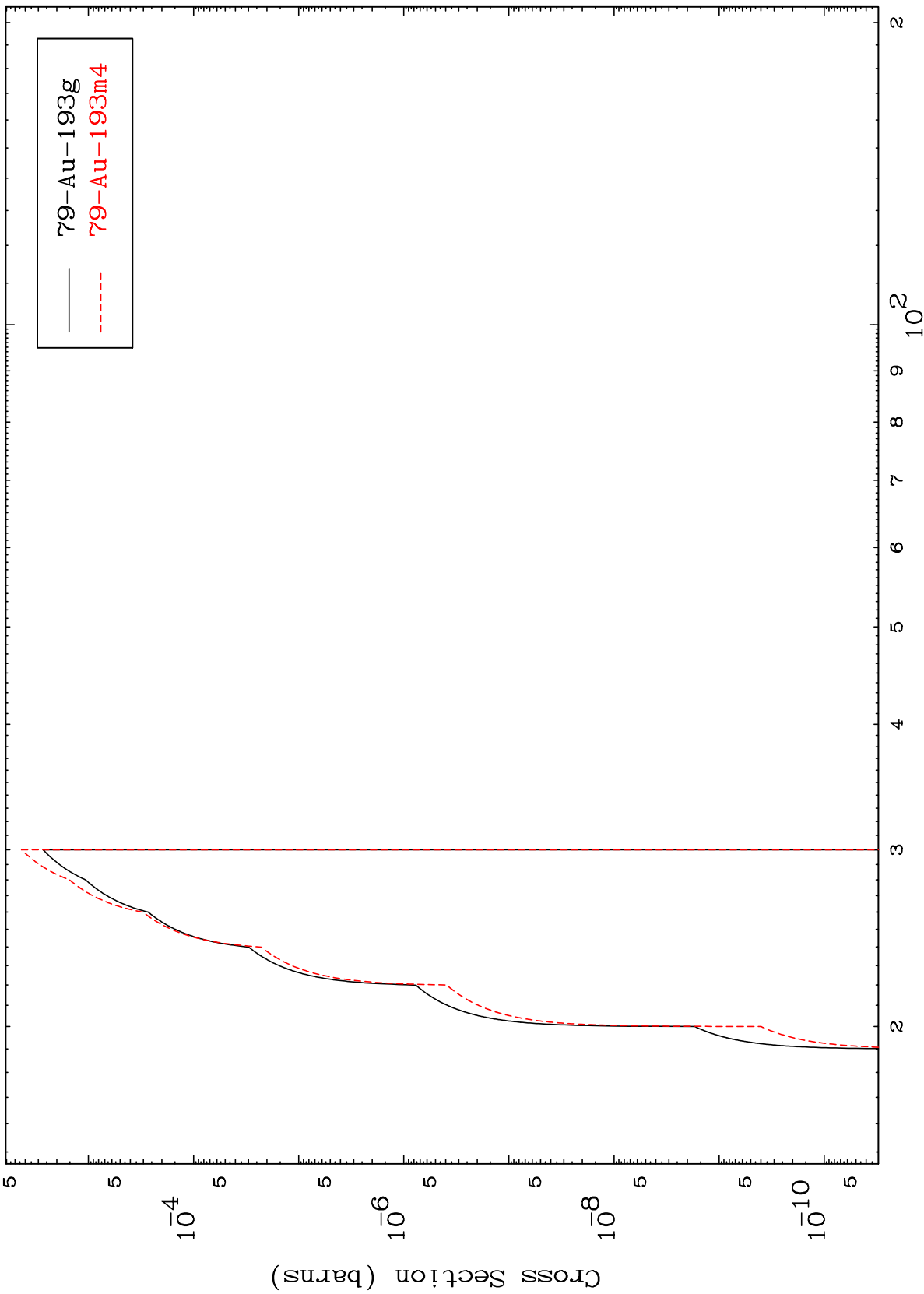


MAT 7920

(n,2n) d

79-Au-195m

Radionuclide Production Cross Section



13

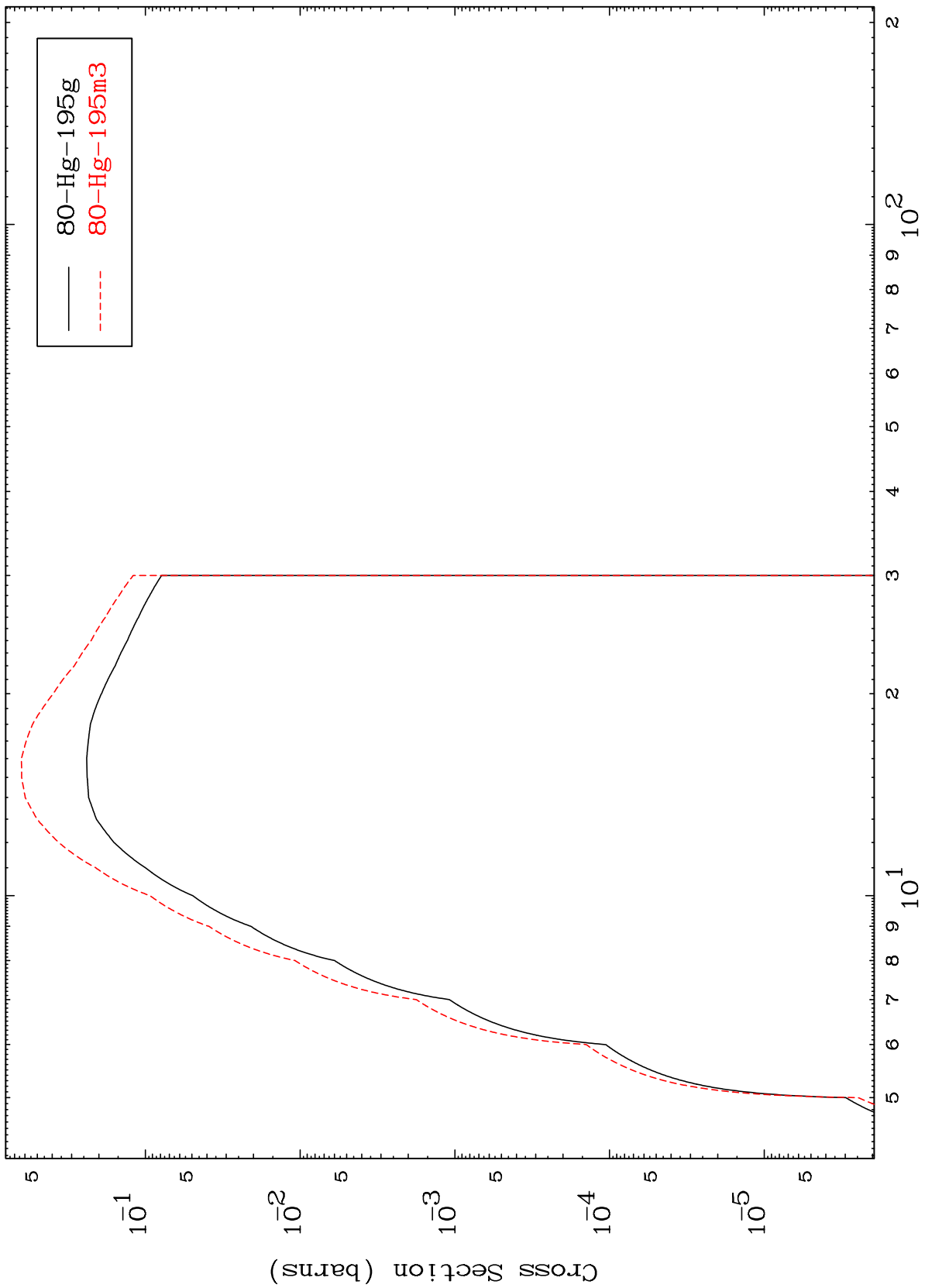
Incident Energy (MeV)

79-Au-195m

MAT 7920

79-Au-195m

(n,2n)
Radionuclide Production Cross Section



79-Au-195m

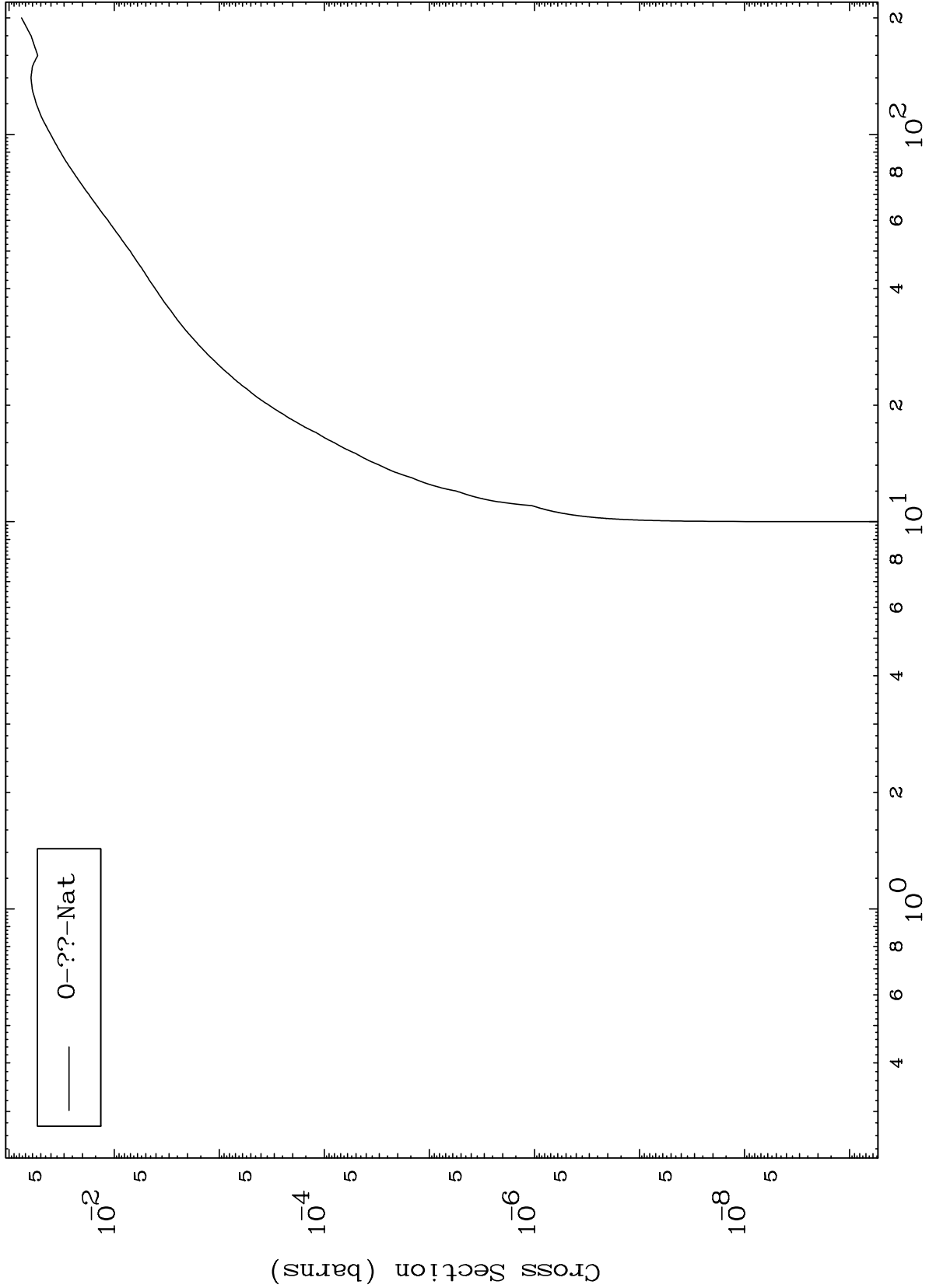
Incident Energy (MeV)

14

MAT 7920

Fission
Radionuclide Production Cross Section

⁷⁹Au-195m

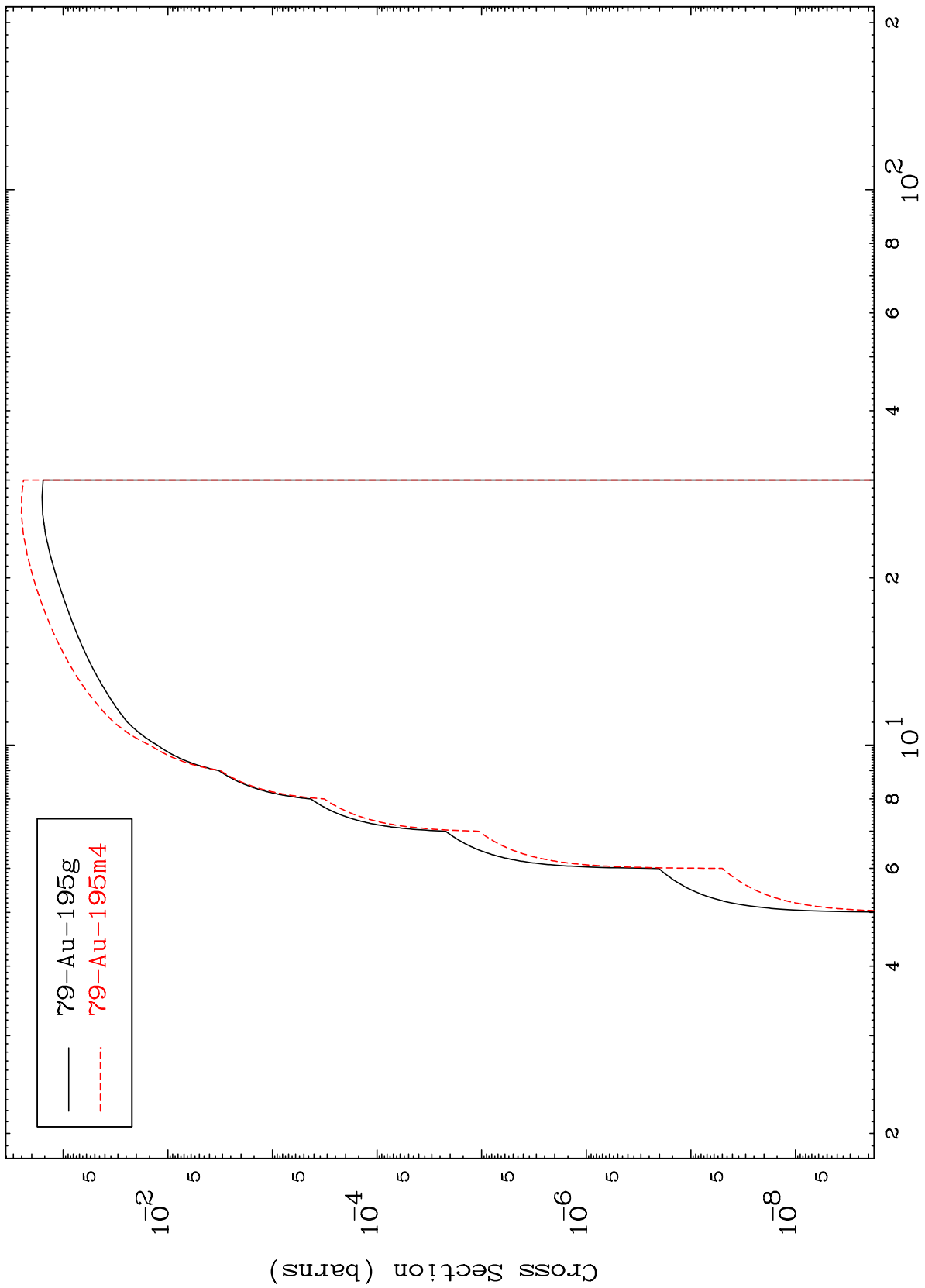


⁷⁹Au-195m

MAT 7920

⁷⁹Au-195m

(n,n') p
Radionuclide Production Cross Section



— 79-Au-195g
- - - 79-Au-195m4

⁷⁹Au-195m

Incident Energy (MeV)

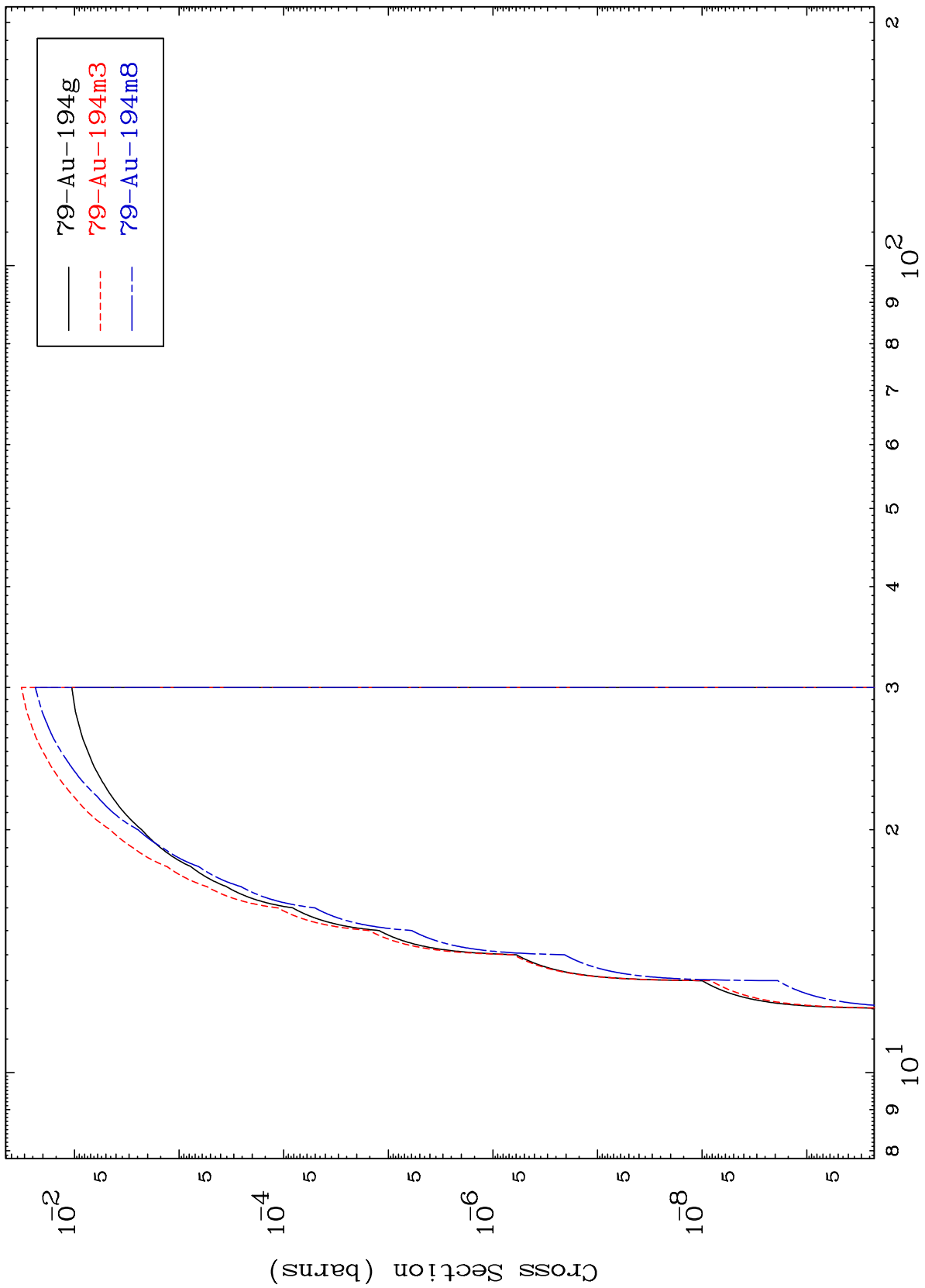
16

MAT 7920

(n,n') d

79-Au-195m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

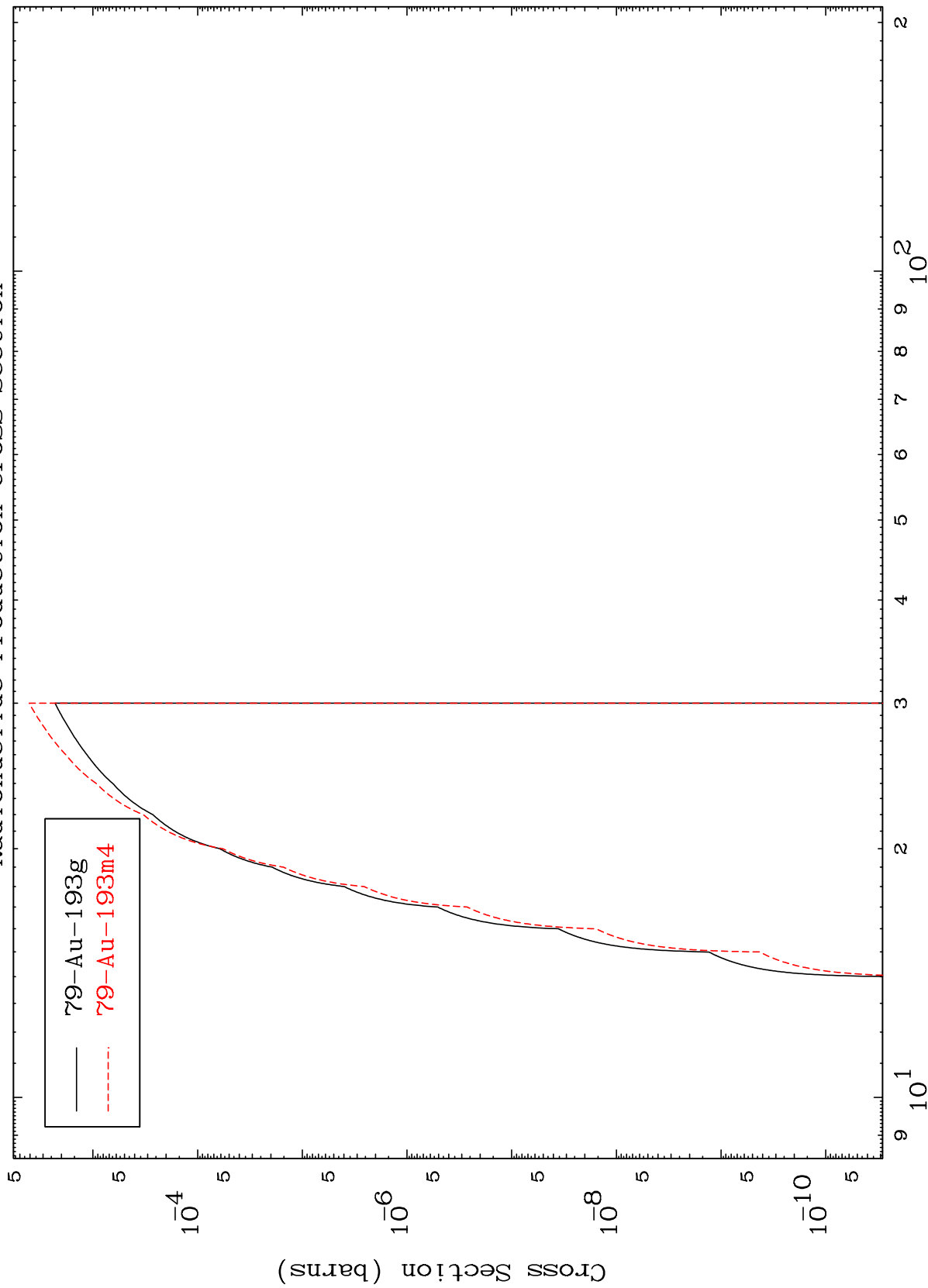
79-Au-195m

MAT 7920

(n,n') t

⁷⁹Au-195m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

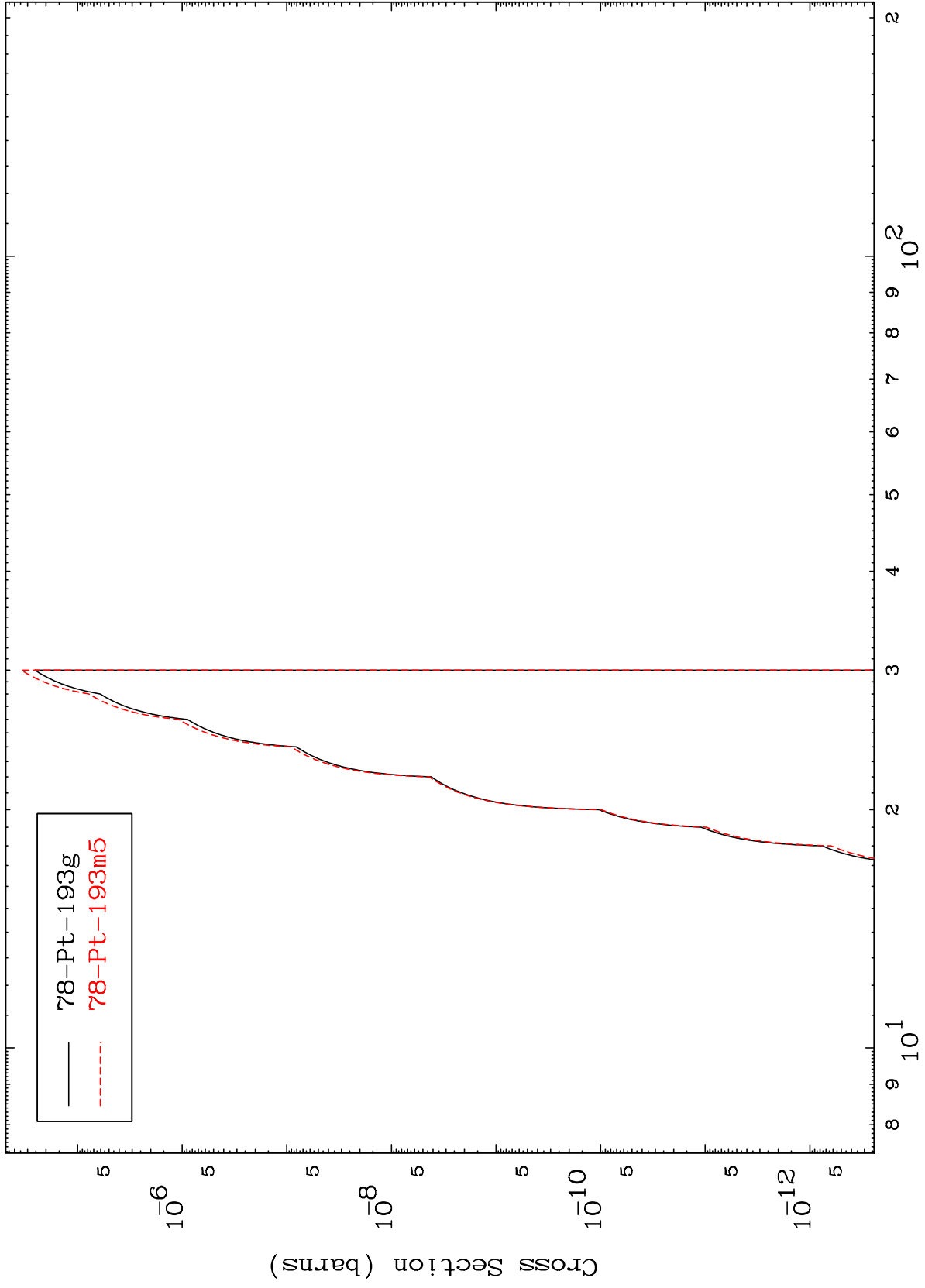
⁷⁹Au-195m

MAT 7920

(n,n') He-3

79-Au-195m

Radionuclide Production Cross Section



19

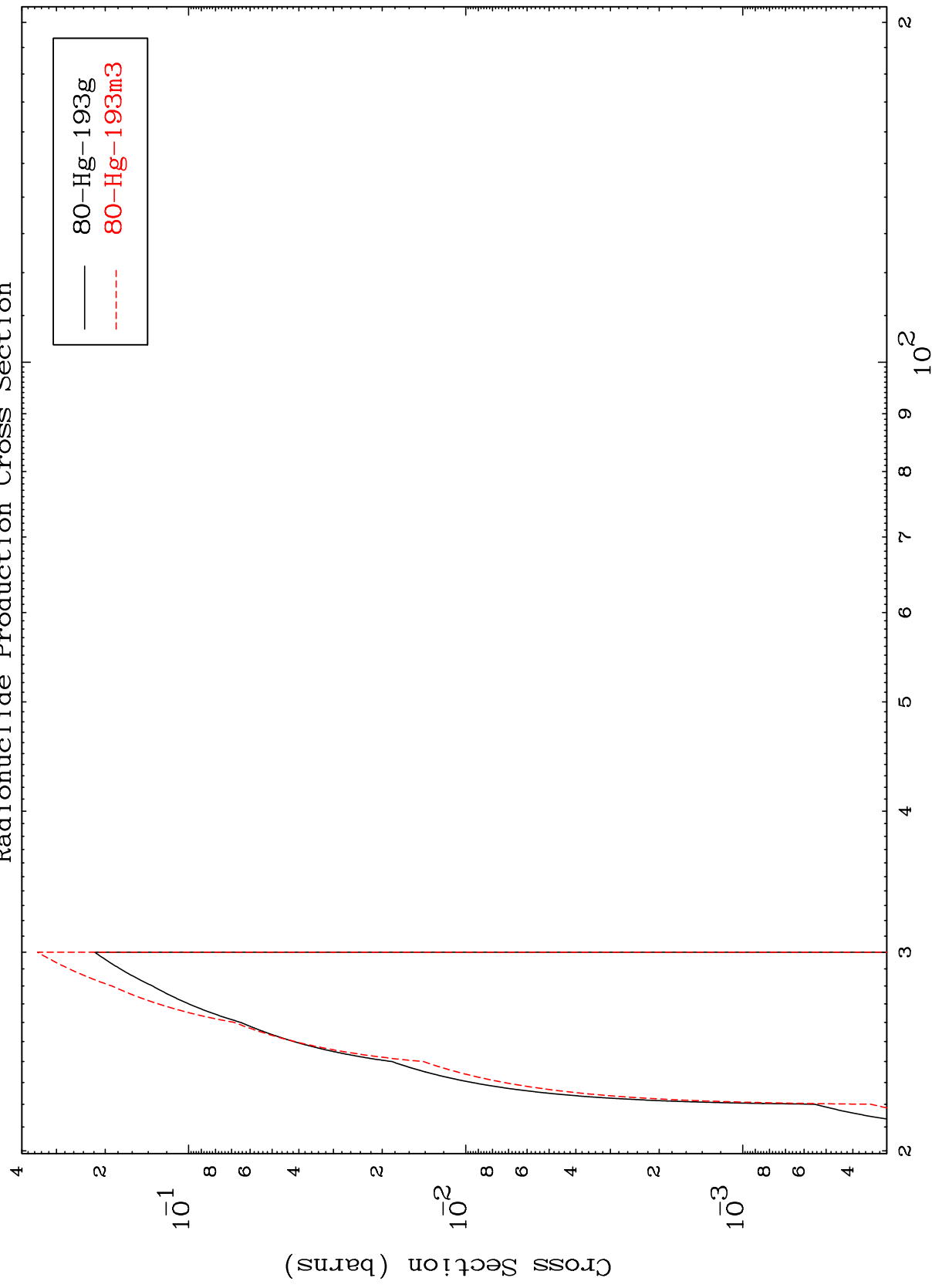
Incident Energy (MeV)

79-Au-195m

MAT 7920

79-Au-195m

(n,4n)
Radionuclide Production Cross Section

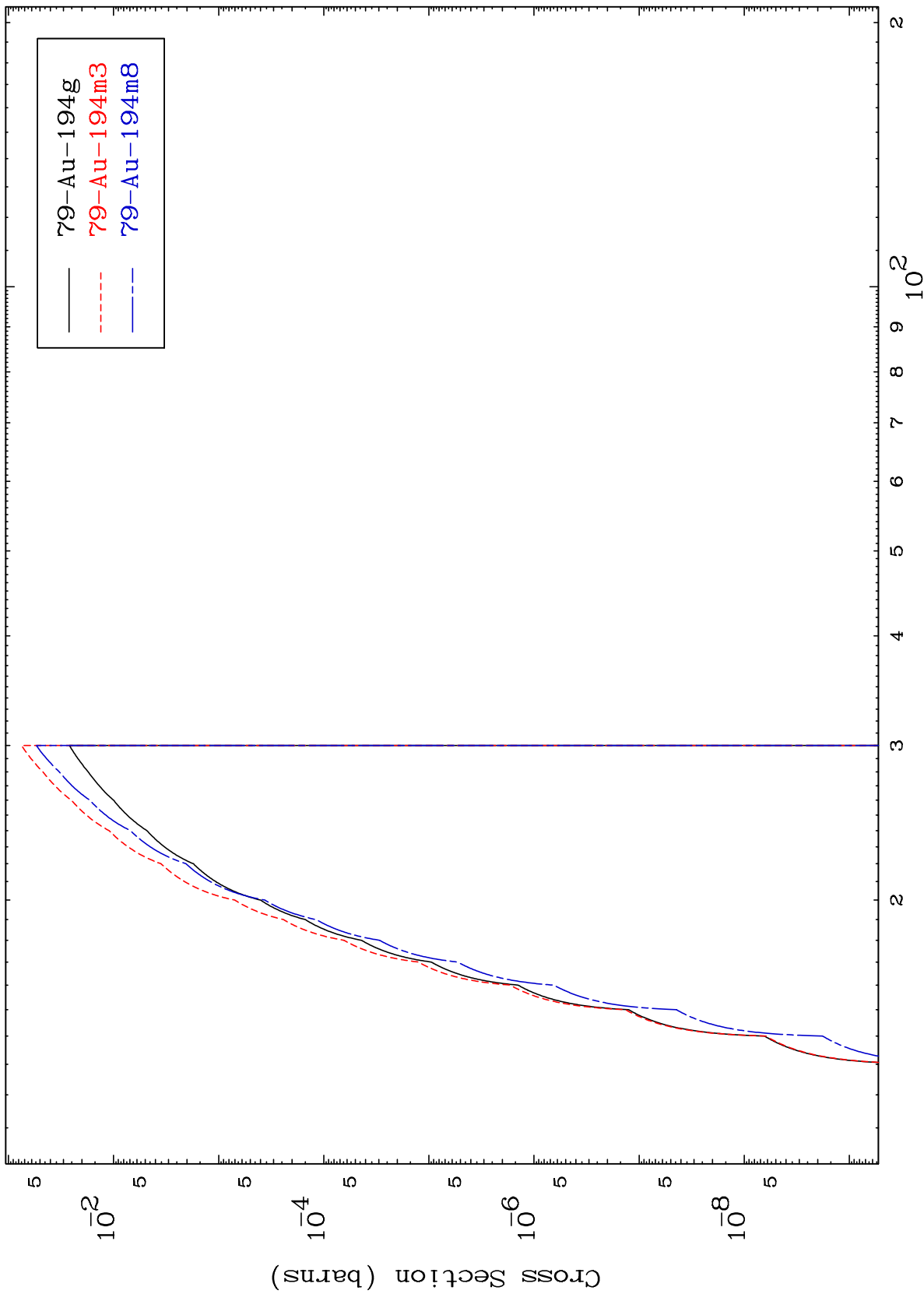


79-Au-195m

Incident Energy (MeV)

20

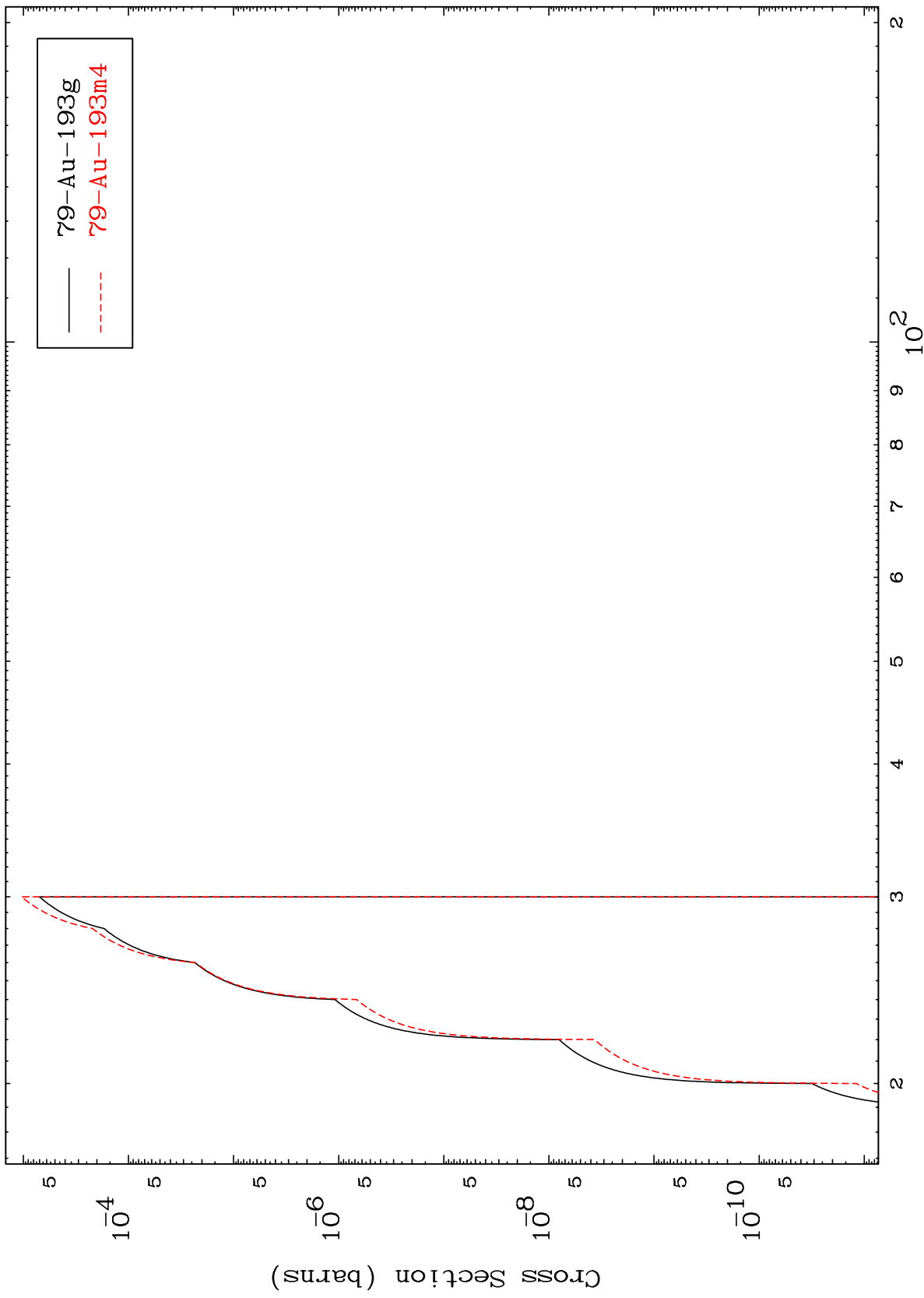
Radionuclide Production Cross Section



MAT 7920

79-Au-195m

(n,3n) p
Radionuclide Production Cross Section



79-Au-195m

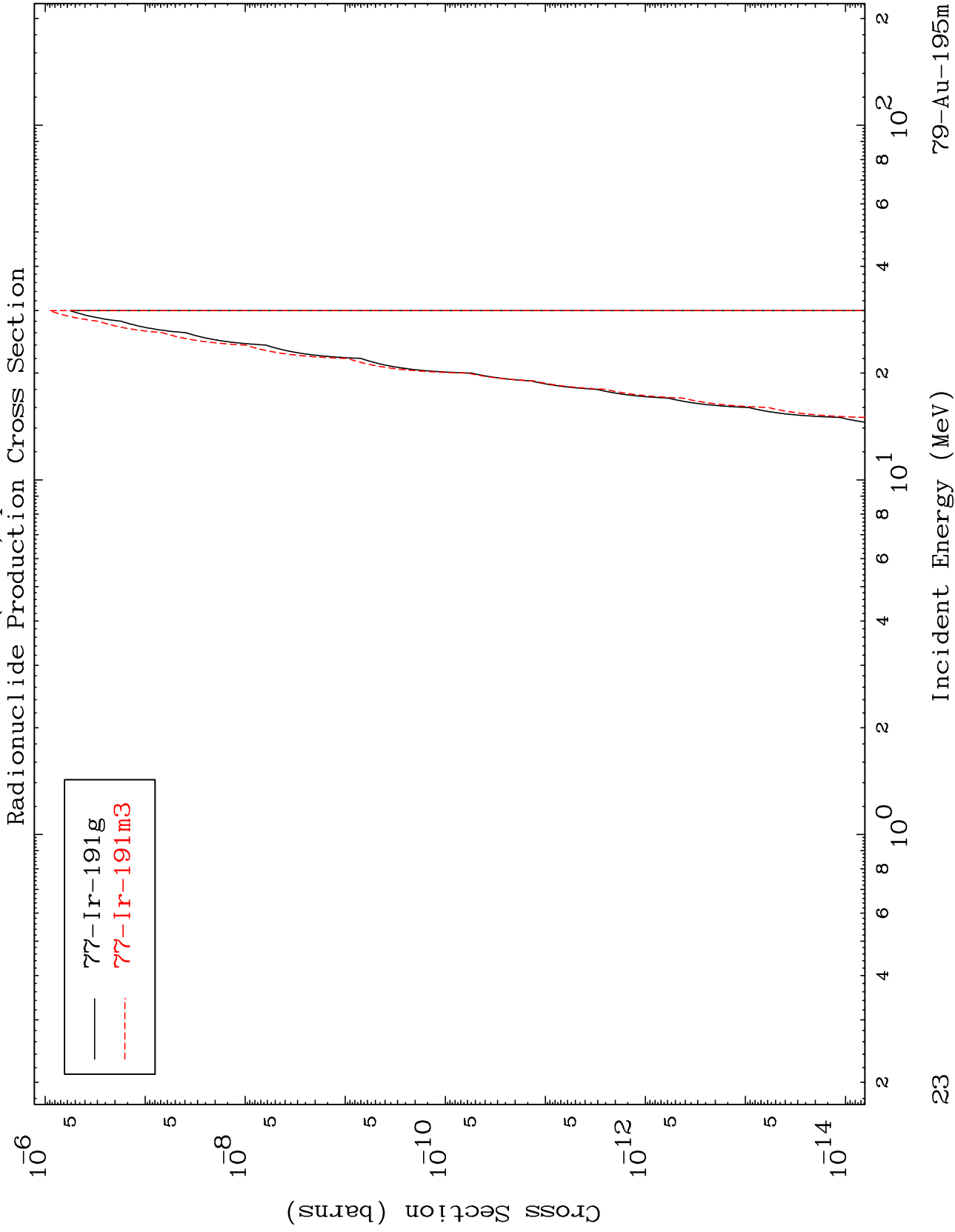
Incident Energy (MeV)

22

MAT 7920

(n,n') p α

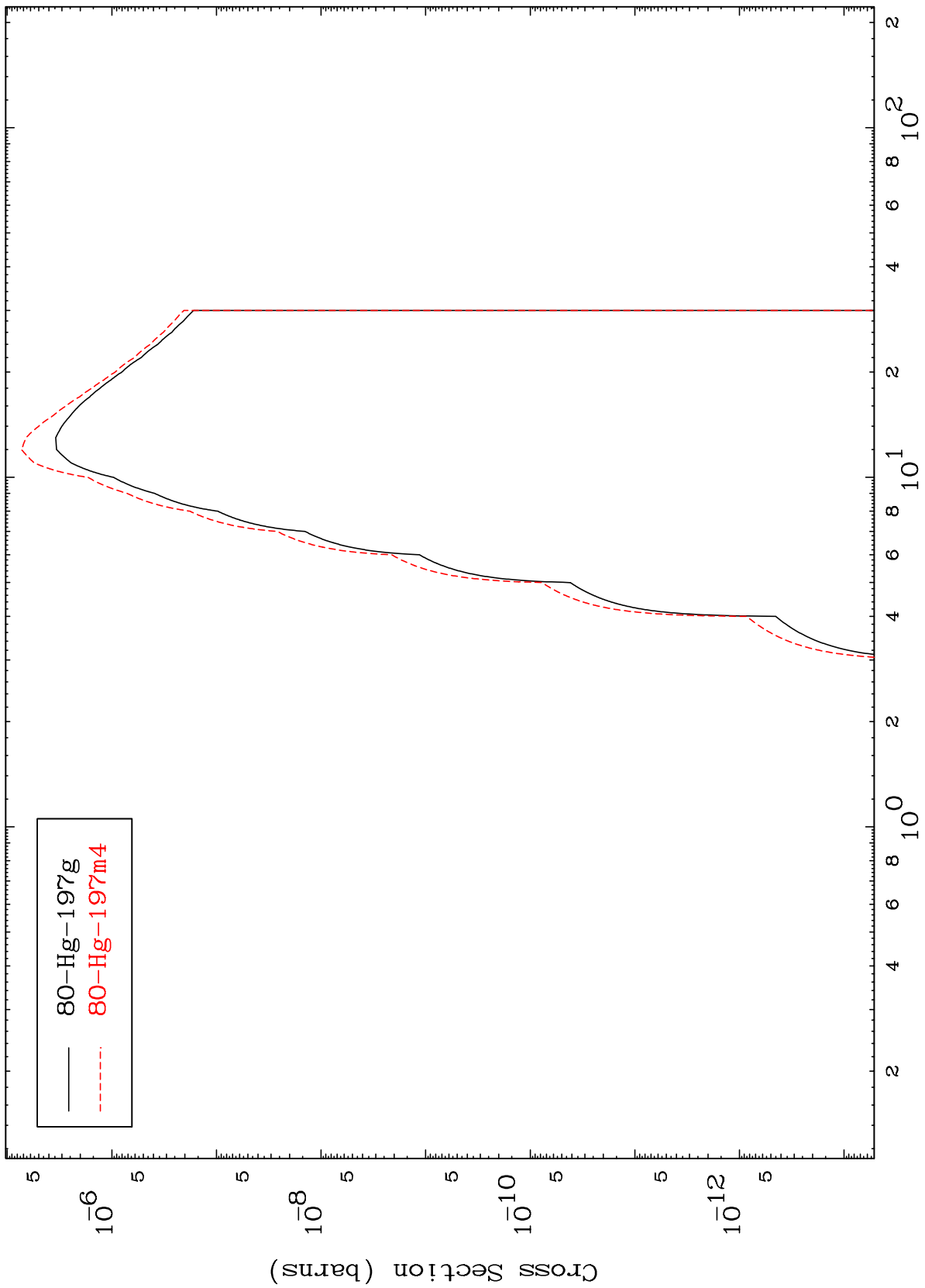
⁷⁹Au-195m



MAT 7920

79-Au-195m

Radionuclide Production Cross Section



— 80-Hg-197g
- - - 80-Hg-197m4

Cross Section (barns)

Incident Energy (MeV)

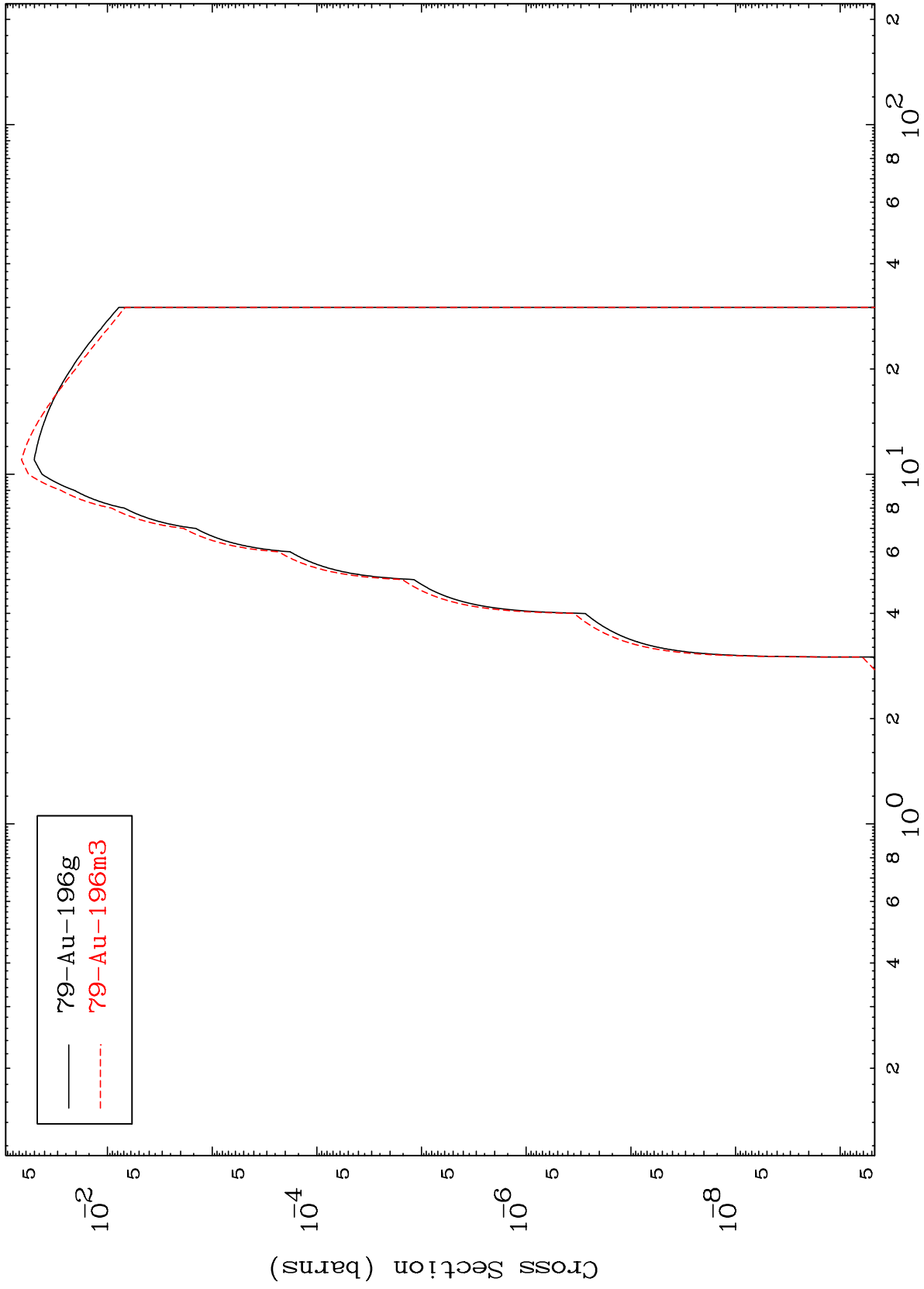
79-Au-195m

24

MAT 7920

79-Au-195m

(n,p)
Radionuclide Production Cross Section



25

79-Au-195m

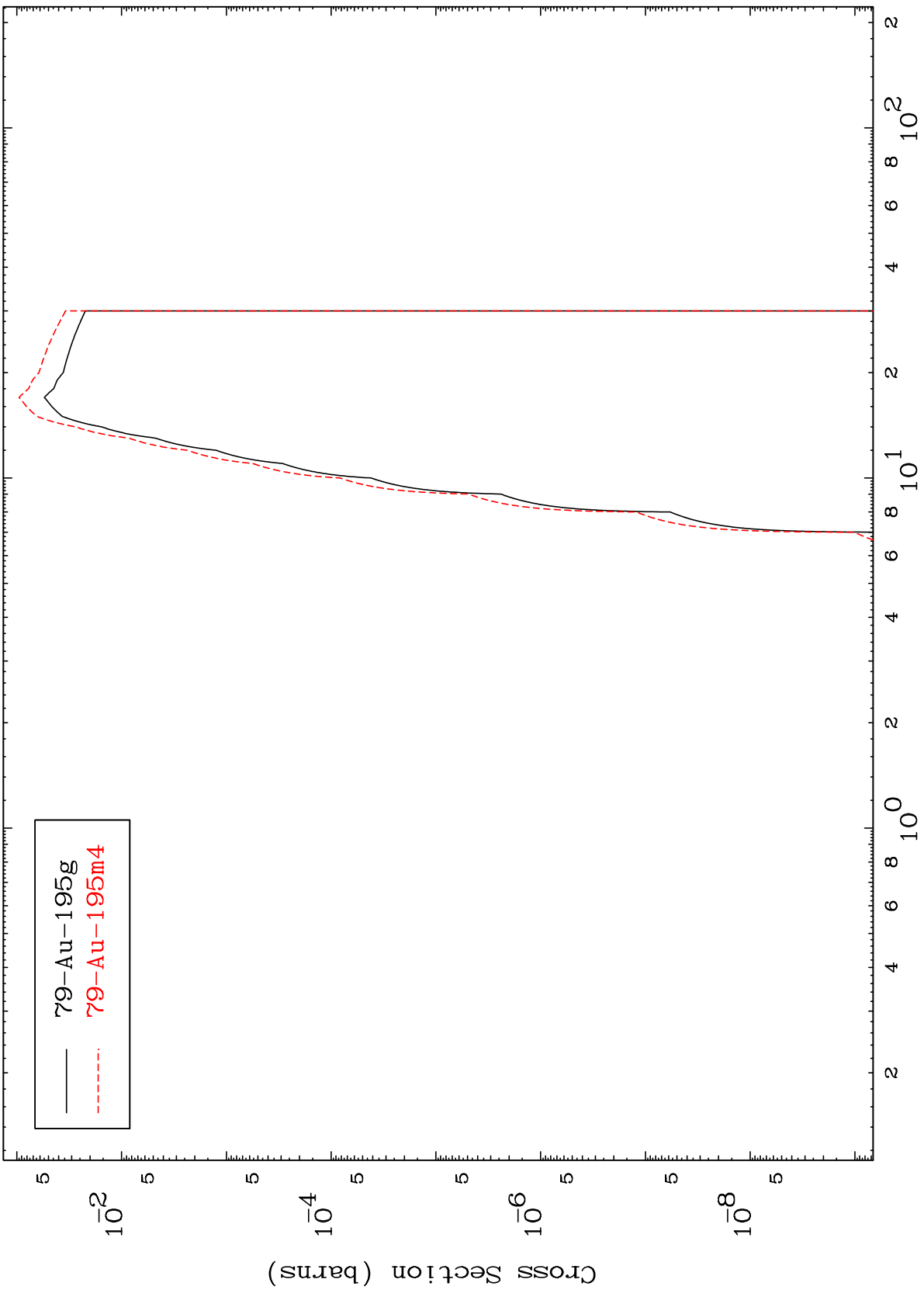
Incident Energy (MeV)

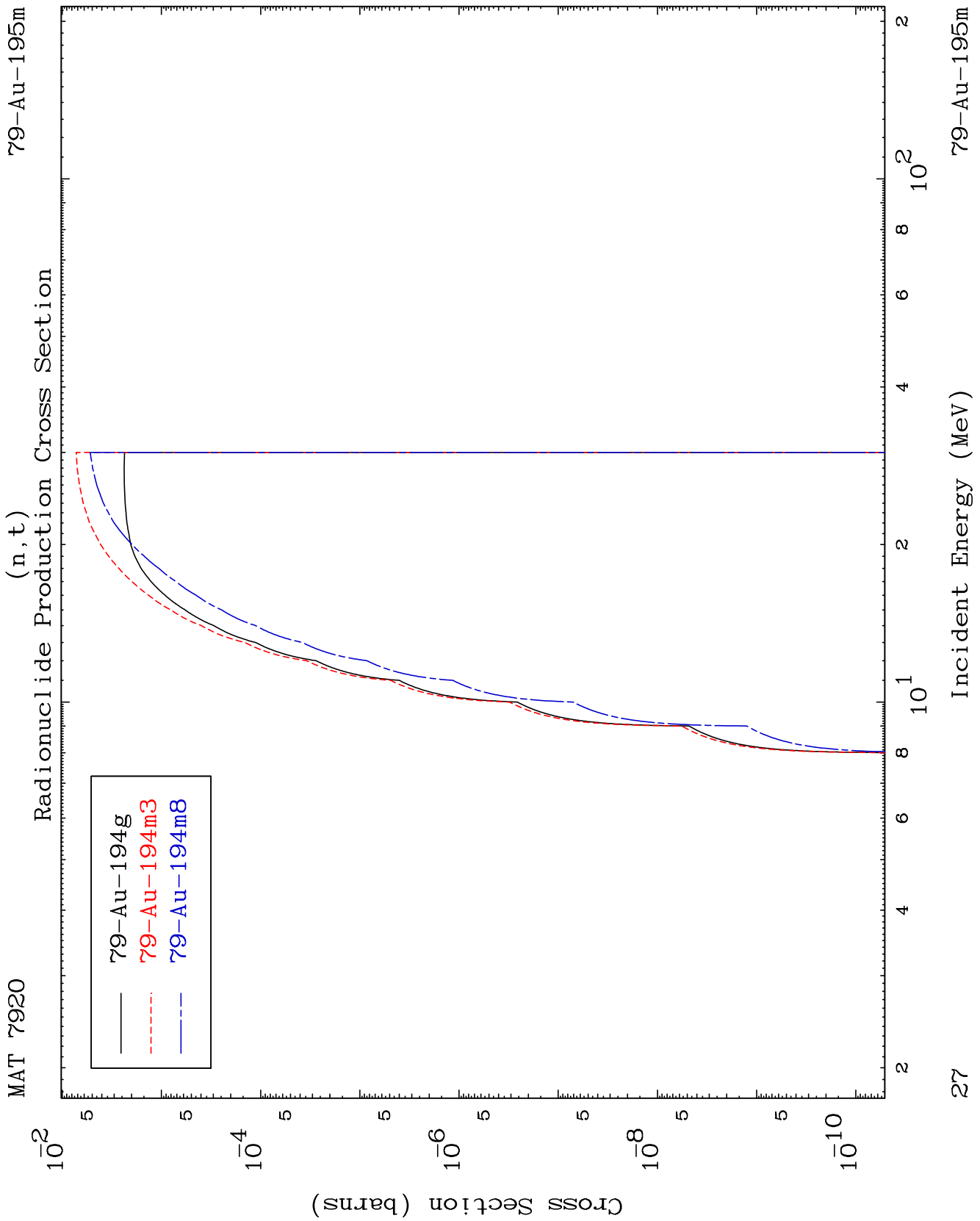
MAT 7920

(n,d)

⁷⁹Au-195m

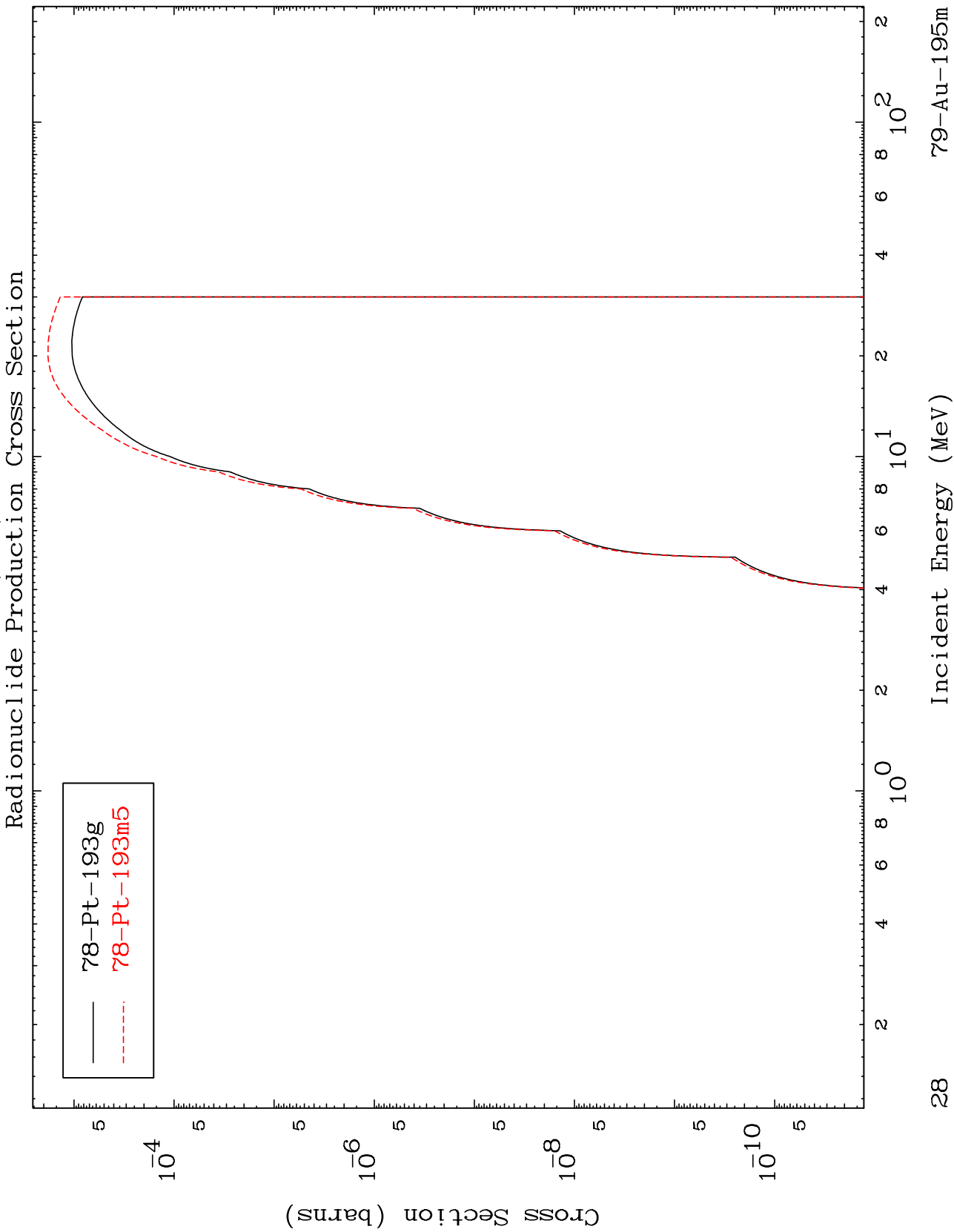
Radionuclide Production Cross Section





MAT 7920

79-Au-195m

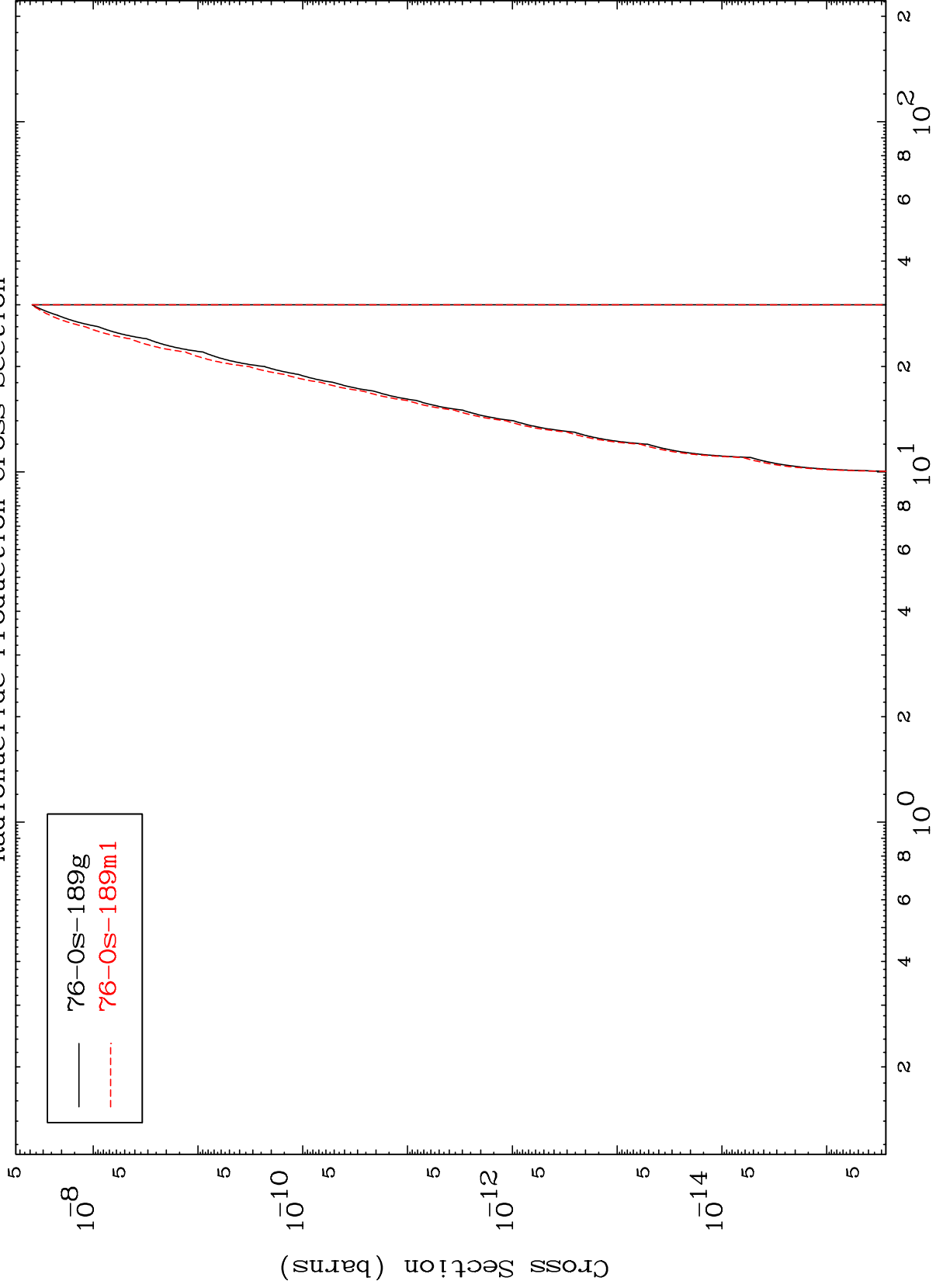


MAT 7920

(n,2α)

79-Au-195m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

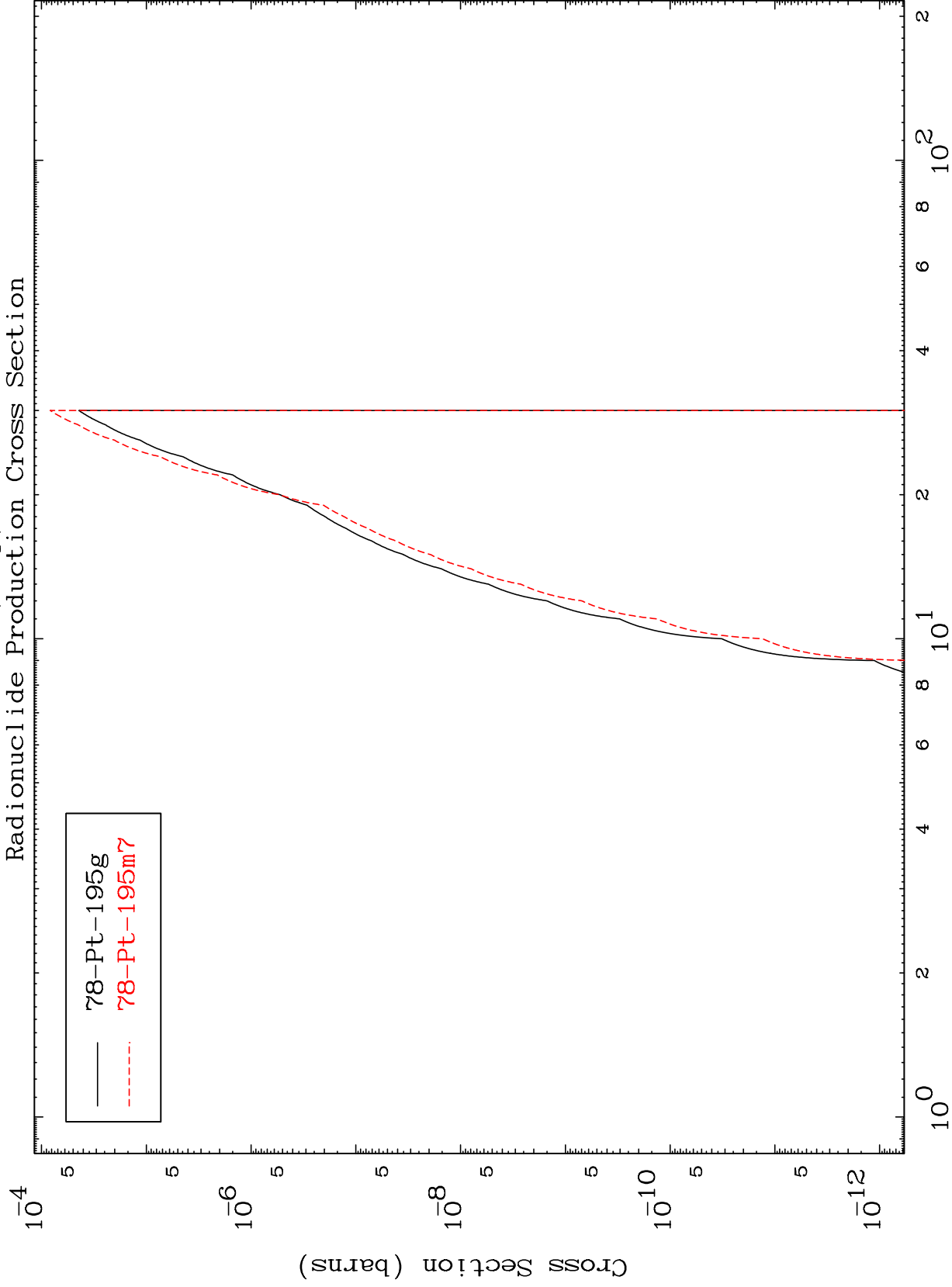
79-Au-195m

MAT 7920

(n,2p)

⁷⁹Au-195m

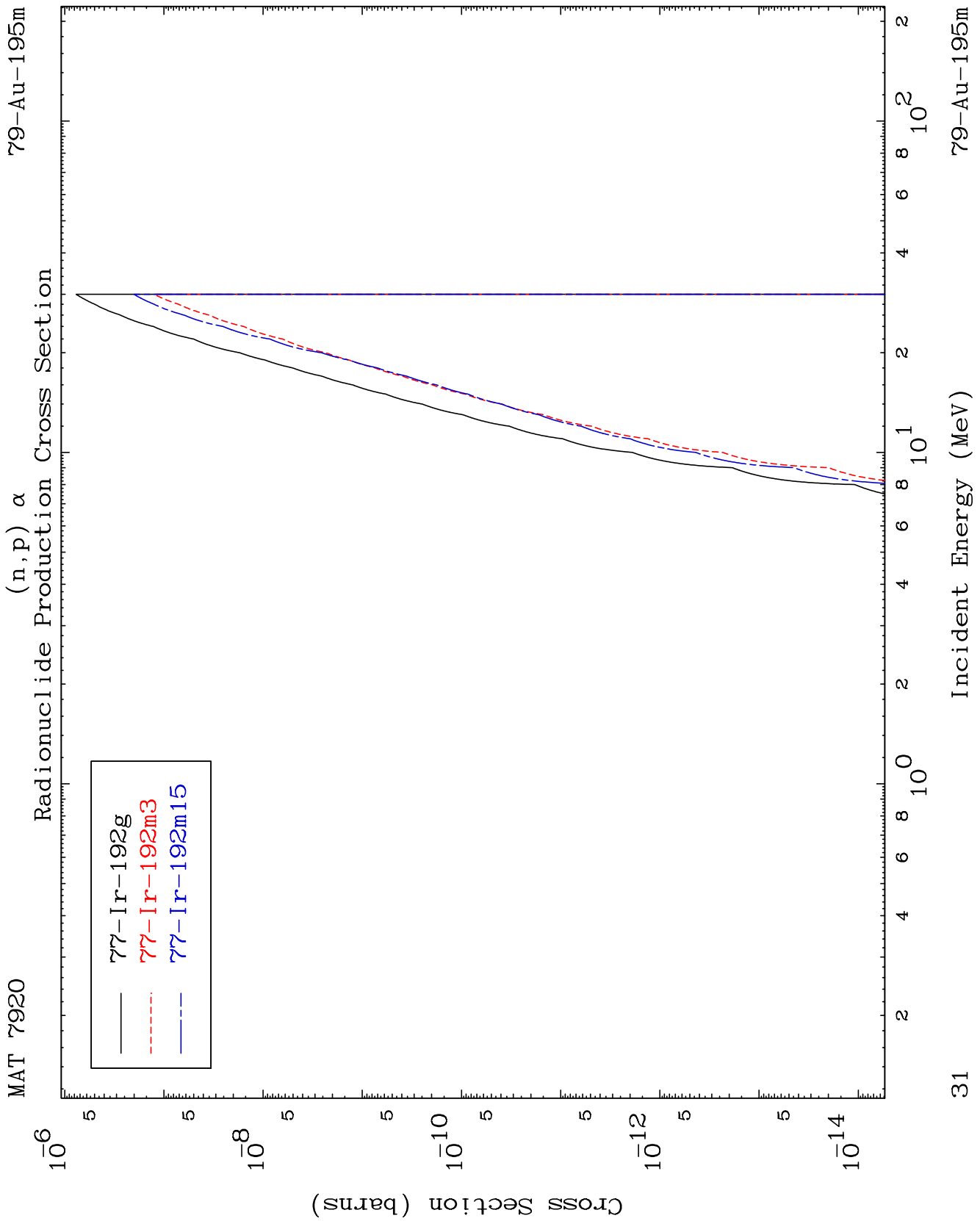
Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁹Au-195m

30

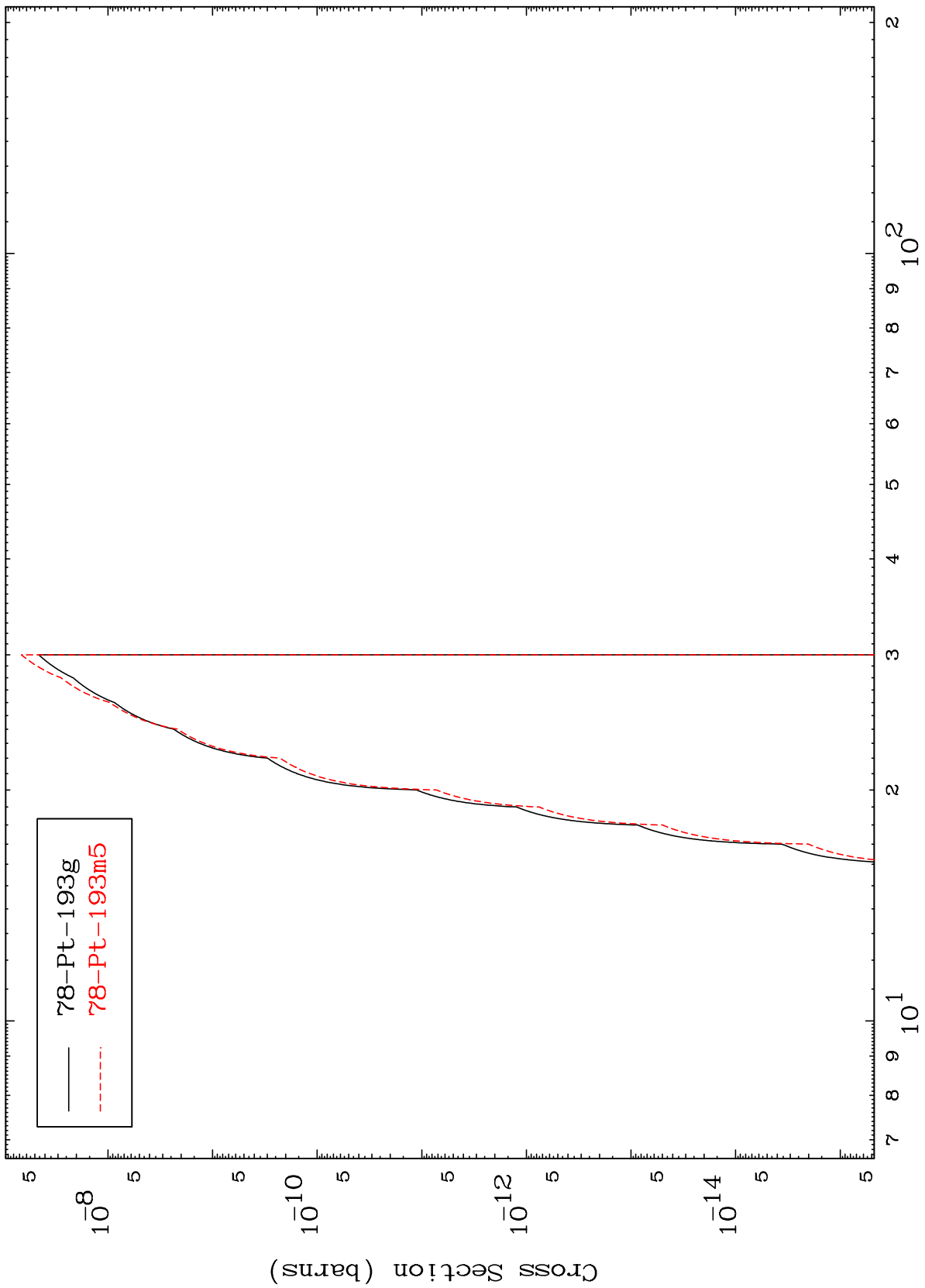


MAT 7920

(n,p) t

79-Au-195m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

79-Au-195m

MAT 7920

(n,d) α

79-Au-195m

Radionuclide Production Cross Section

