

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

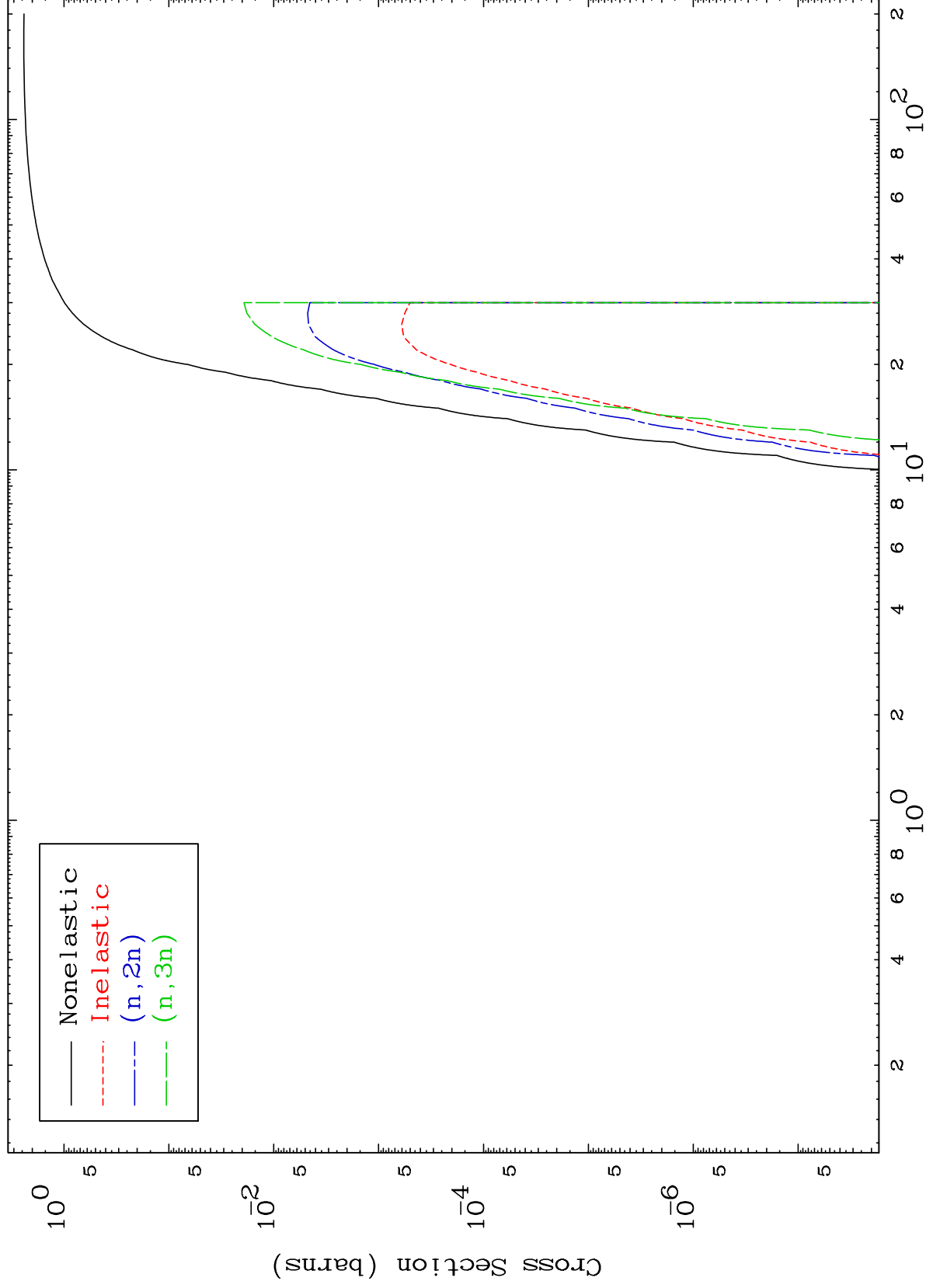
Press Mouse Button to Start

MAT 7929

He-3 Major

79-Au-198m

0 Kelvin Cross Sections



1

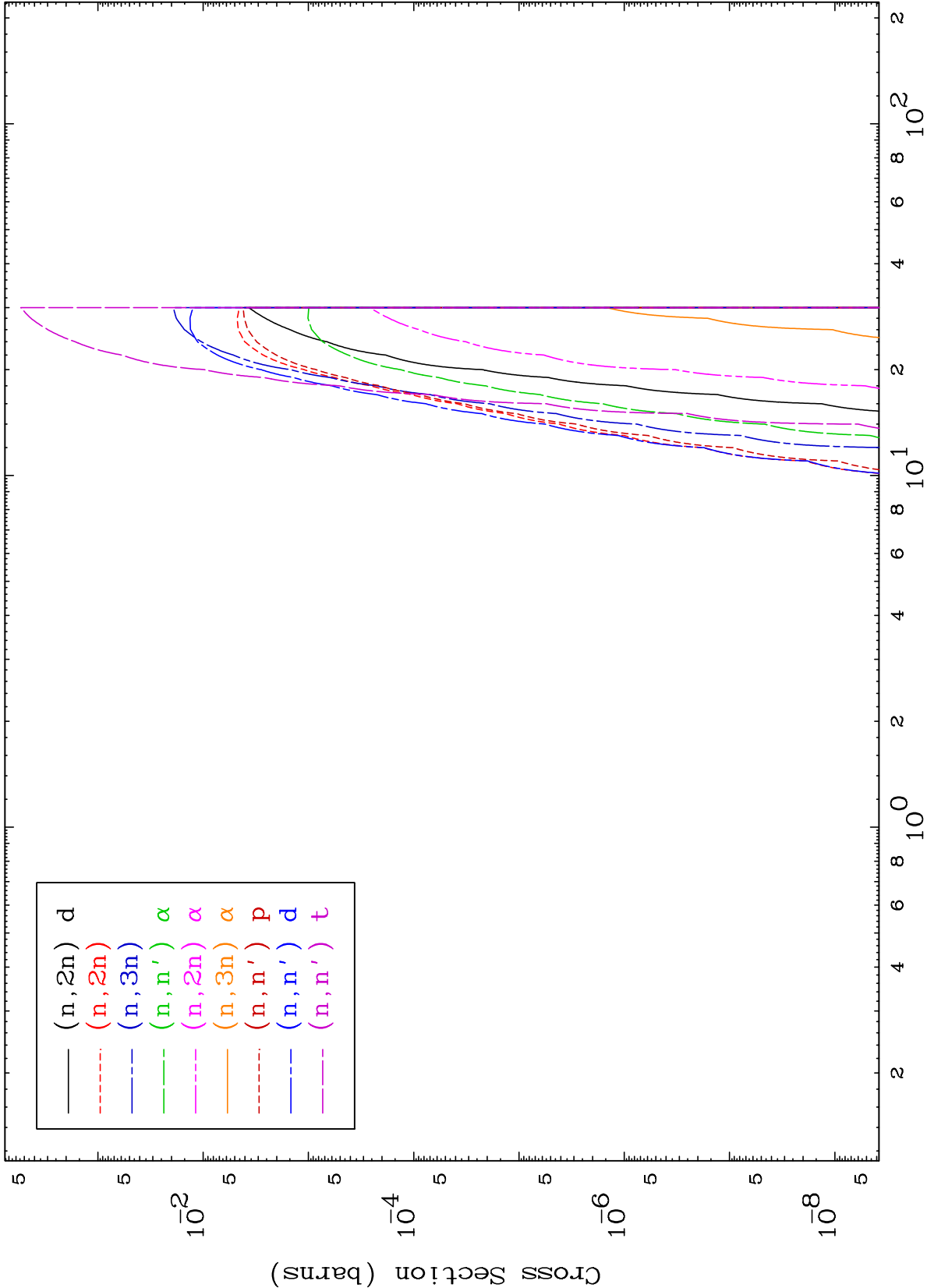
Incident Energy (MeV)

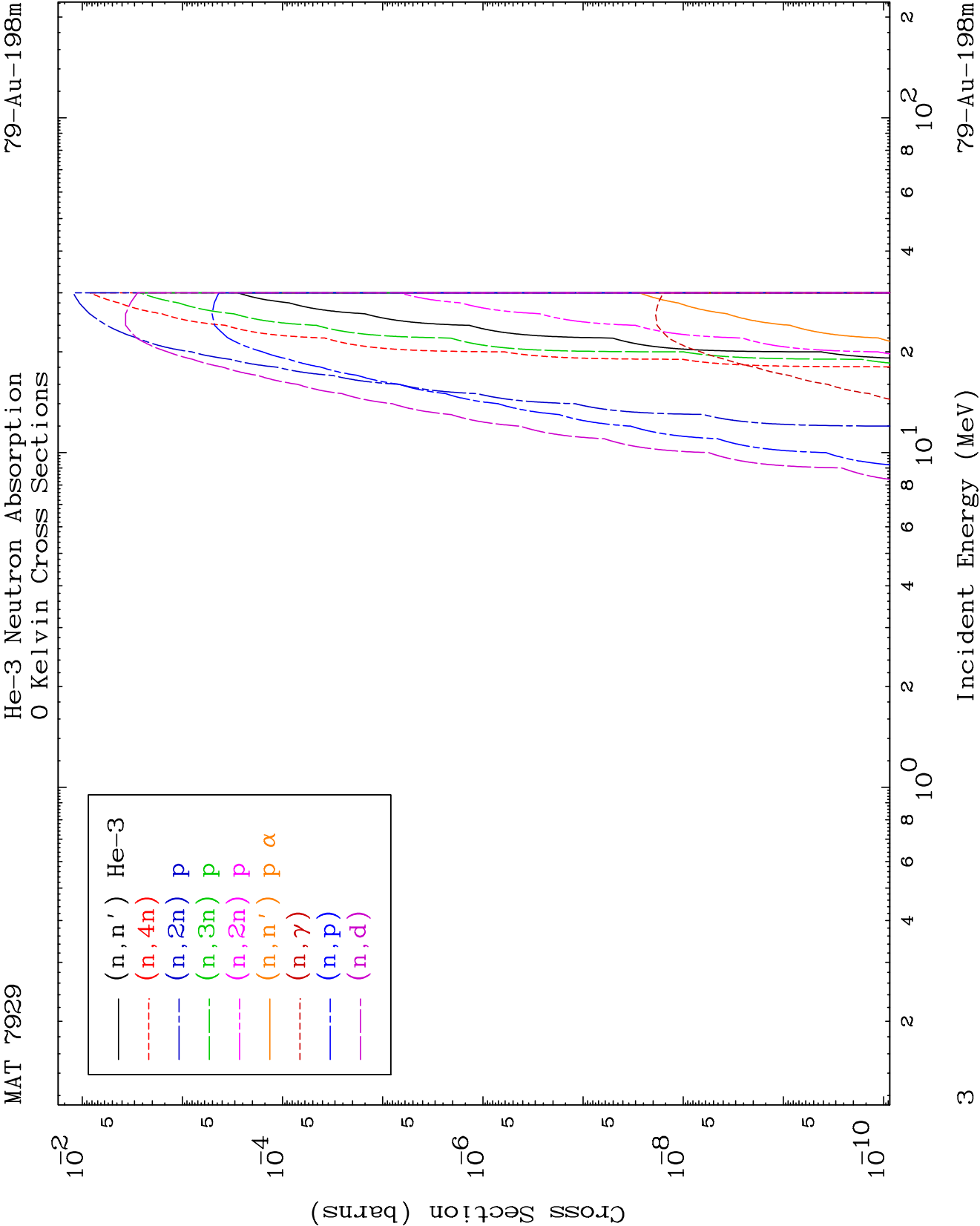
79-Au-198m

MAT 7929

He-3 Neutron Absorption
0 Kelvin Cross Sections

79-Au-198m

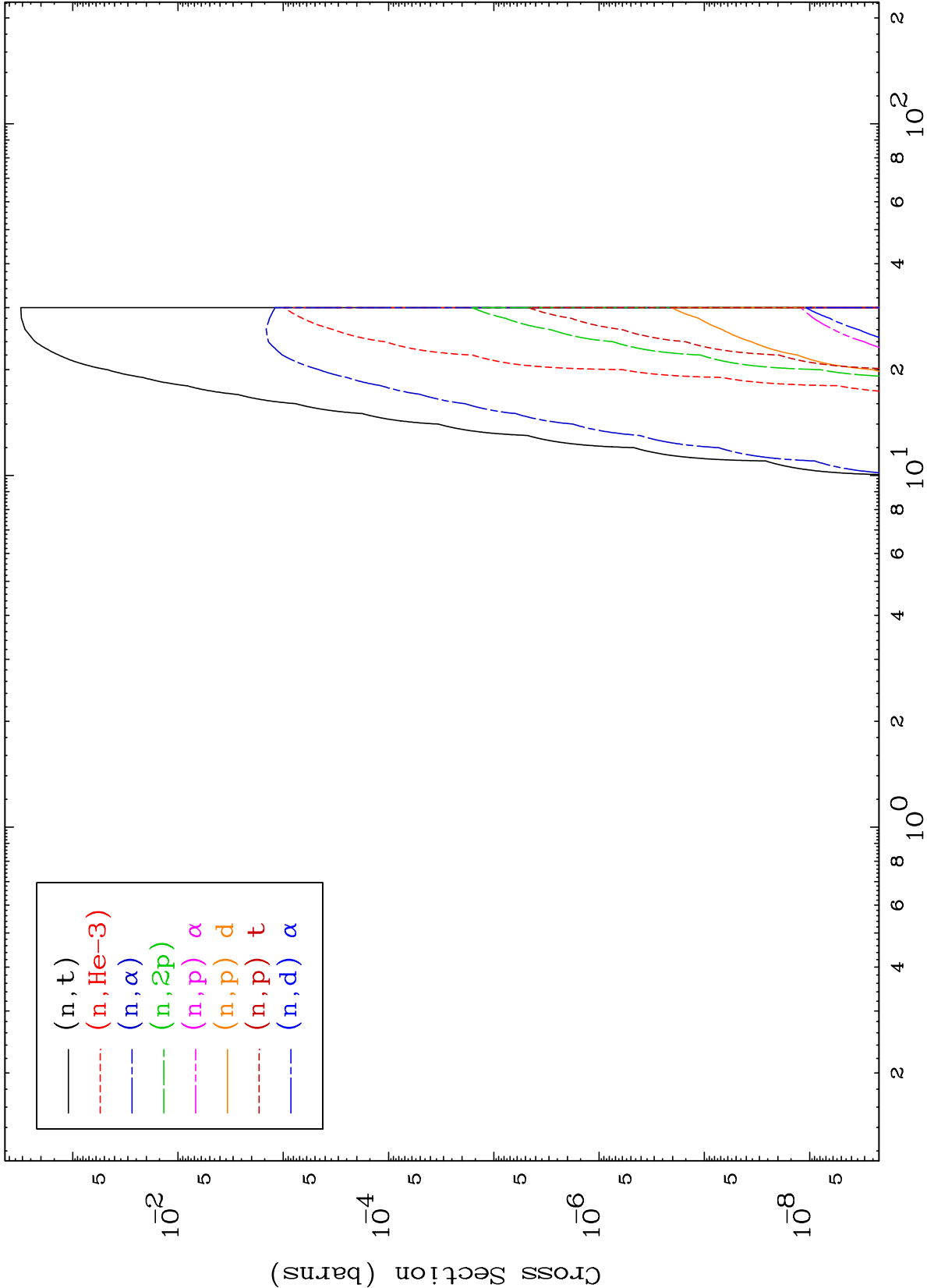




MAT 7929

He-3 Neutron Absorption
0 Kelvin Cross Sections

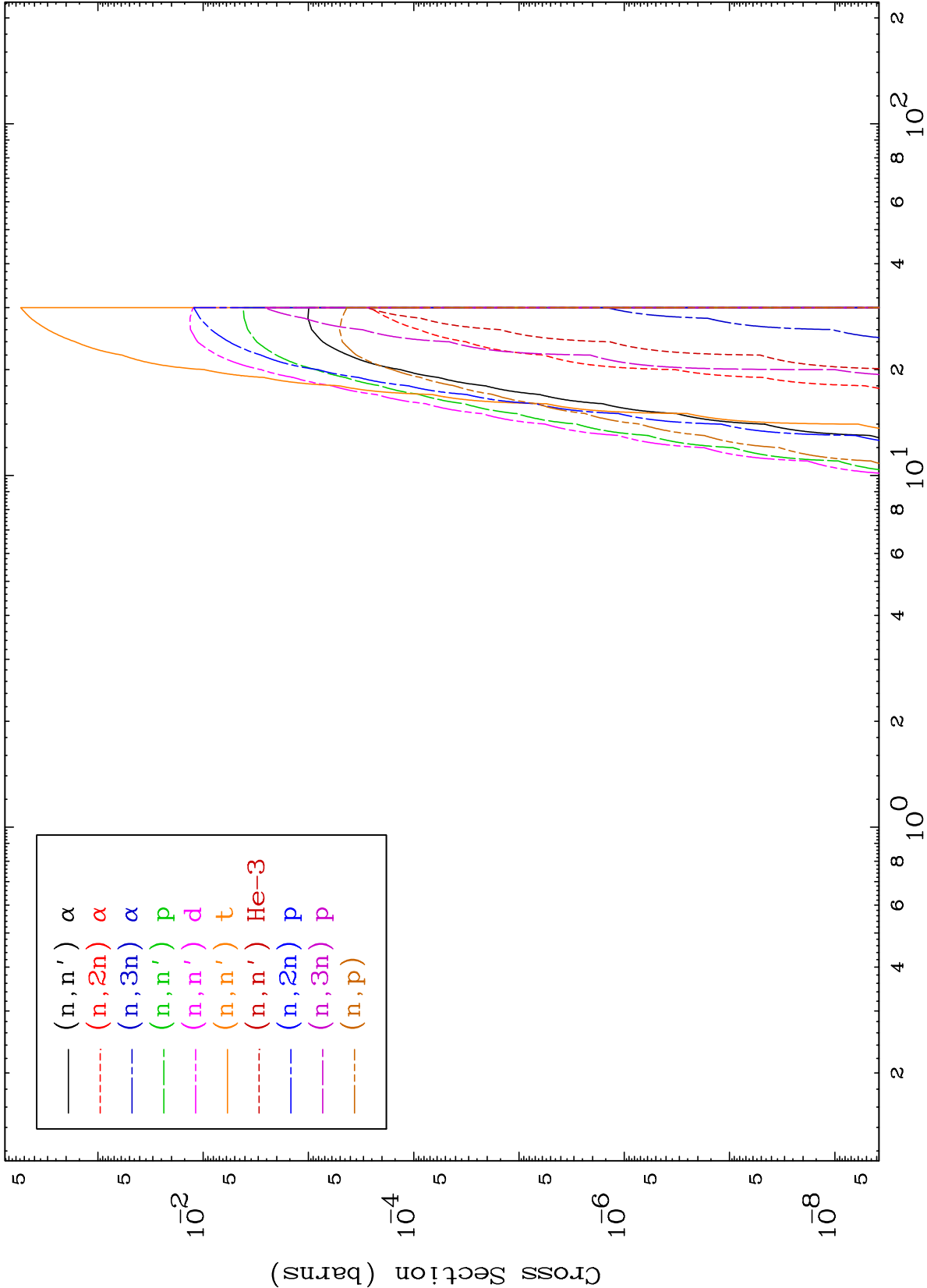
79-Au-198m

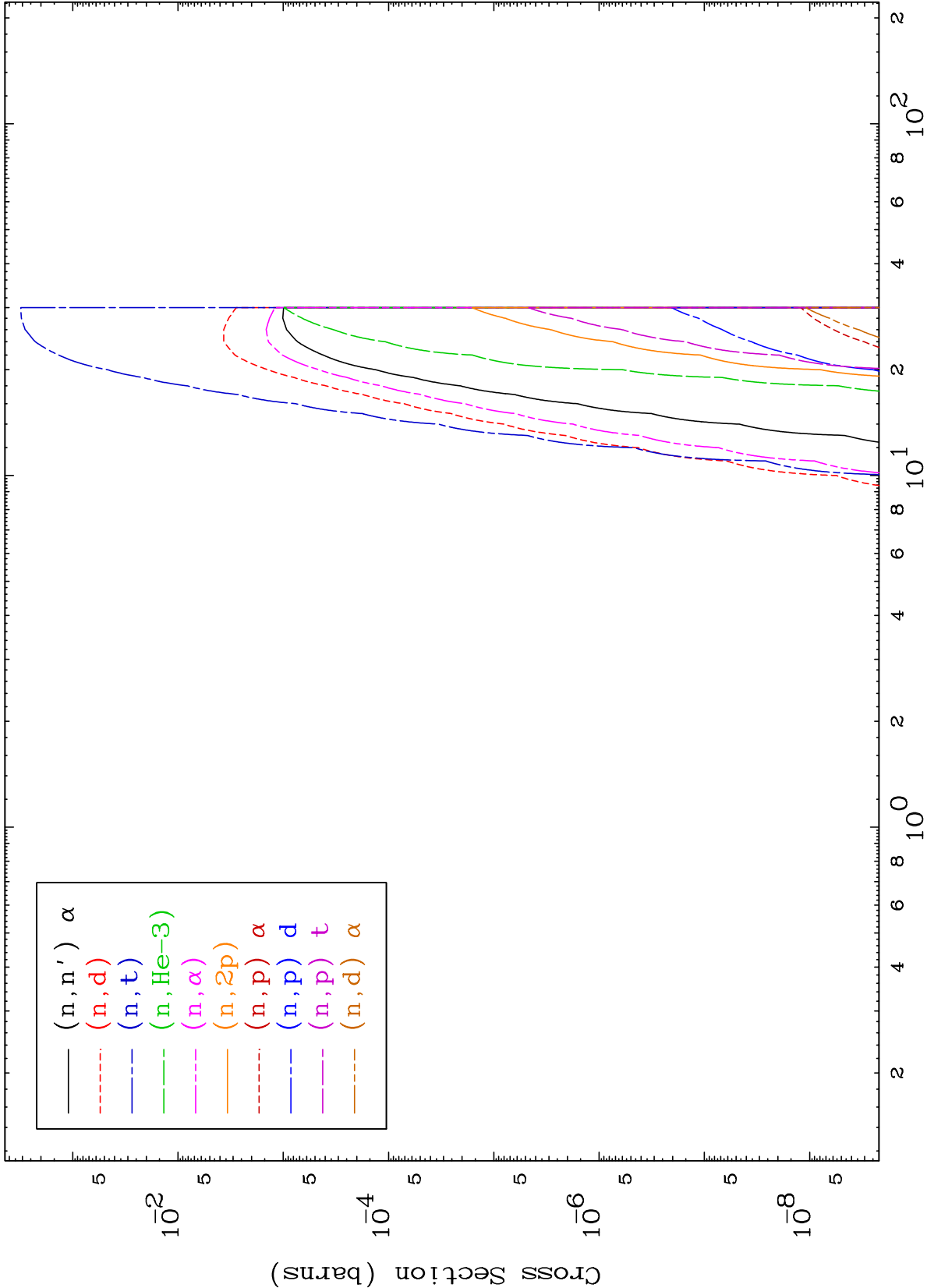


MAT 7929

He-3 Charged Particle
0 Kelvin Cross Sections

79-Au-198m



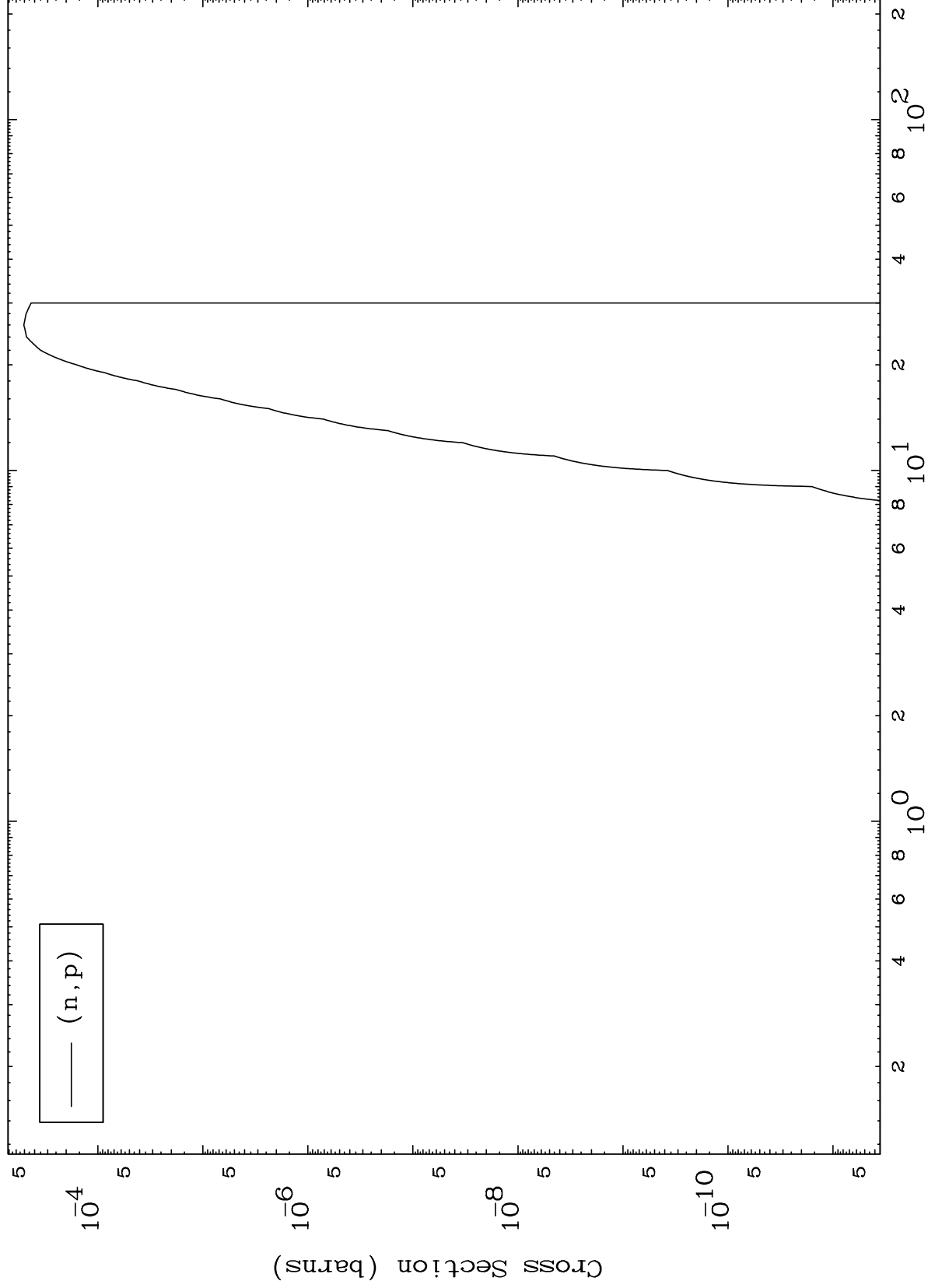


MAT 7929

(He-3,p) Levels

79-Au-198m

0 Kelvin Cross Sections



7

Incident Energy (MeV)

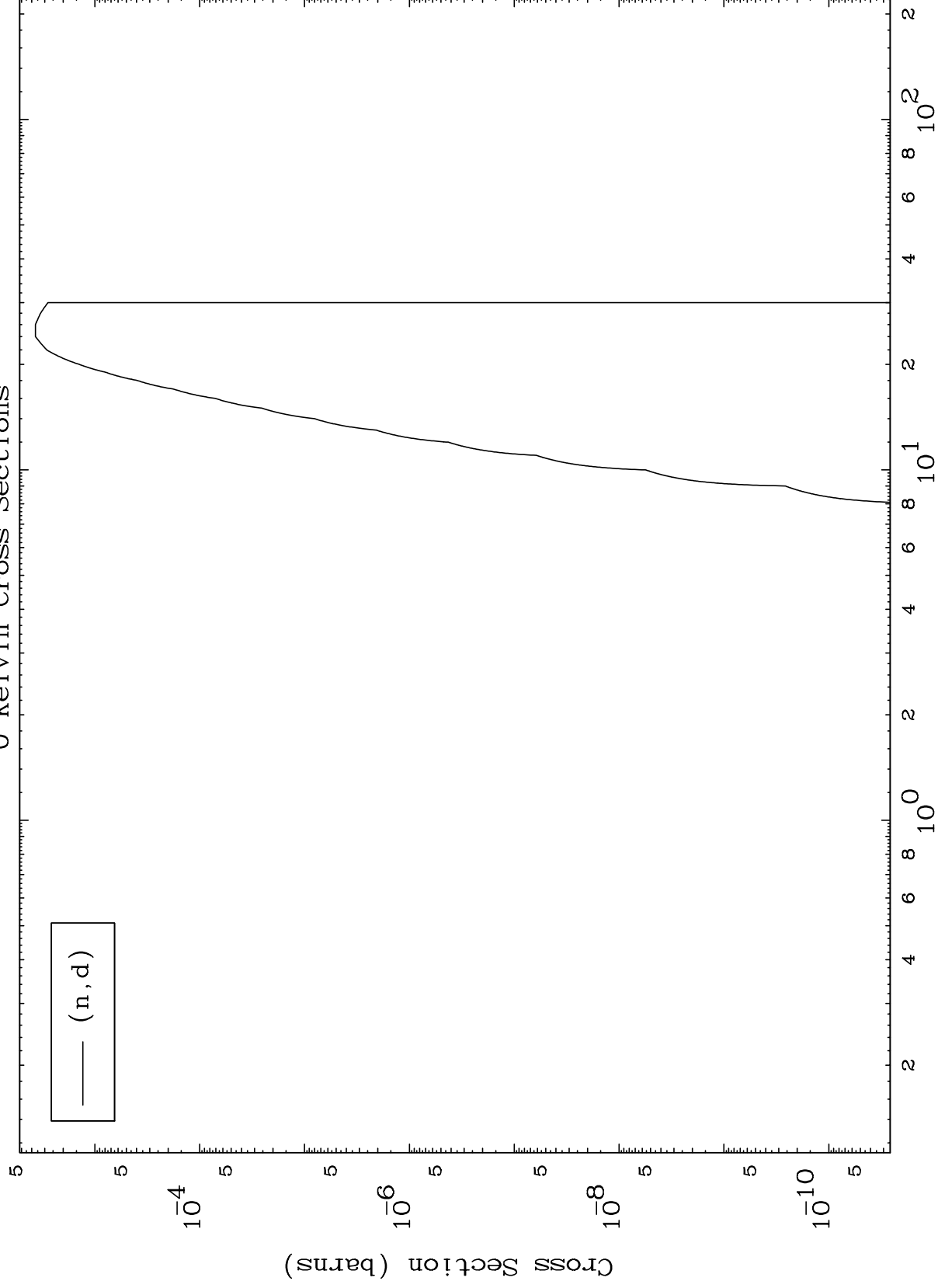
79-Au-198m

MAT 7929

(He-3,d) Levels

79-Au-198m

0 Kelvin Cross Sections

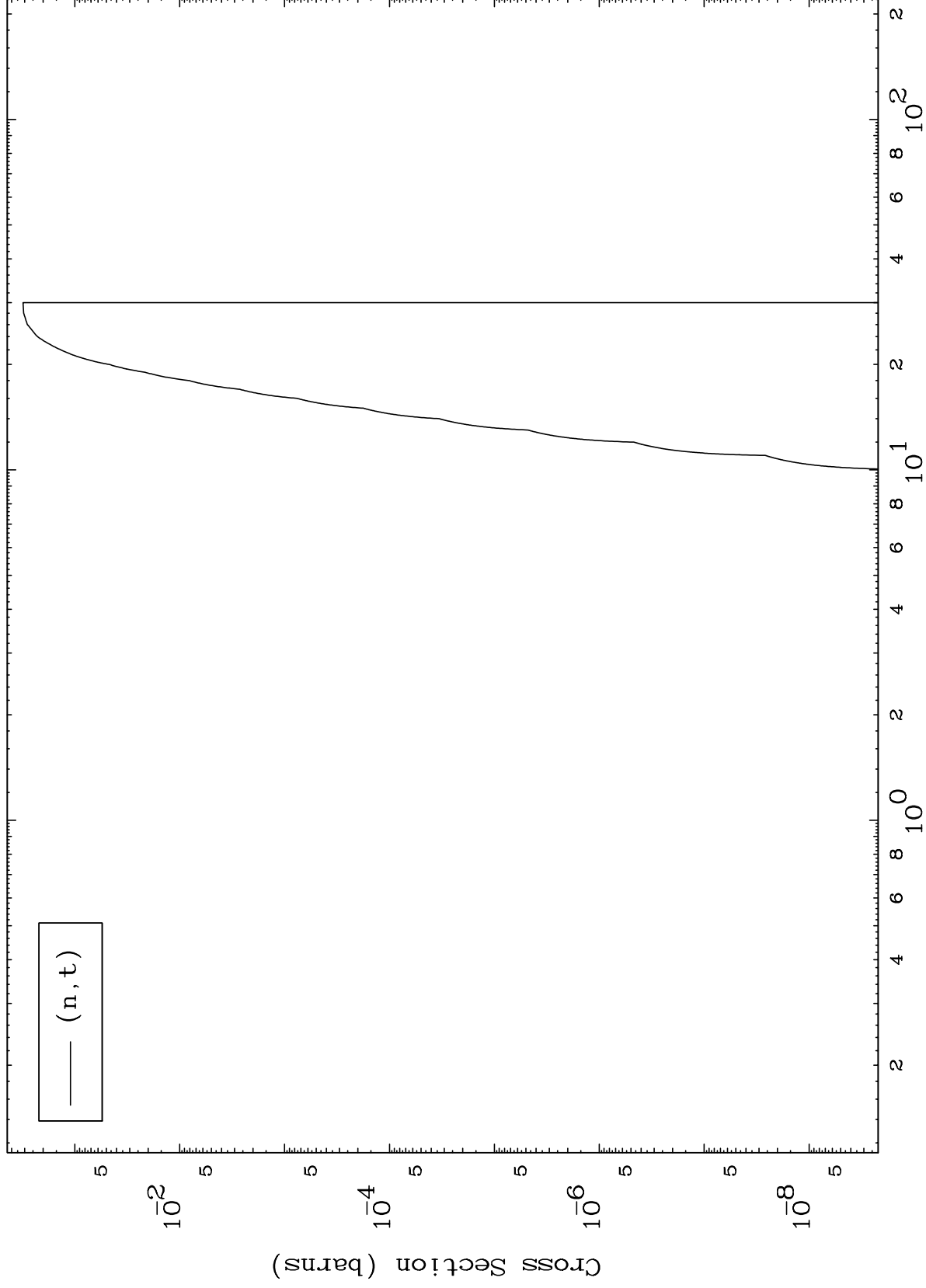


— (n,d)

MAT 7929

79-Au-198m

(He-3,t) Levels
0 Kelvin Cross Sections

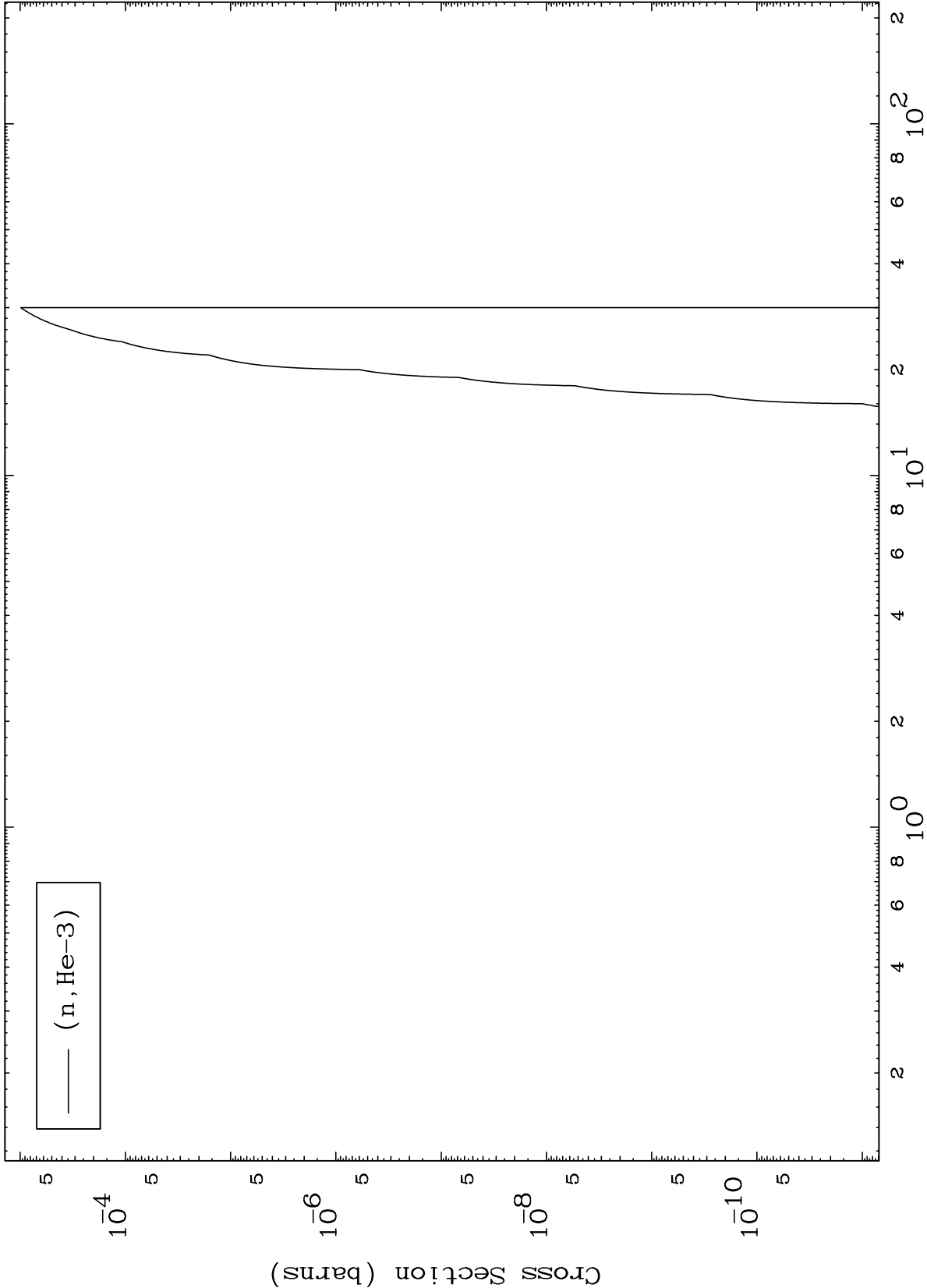


MAT 7929

(He-3, He3) Levels

79-Au-198m

0 Kelvin Cross Sections



10

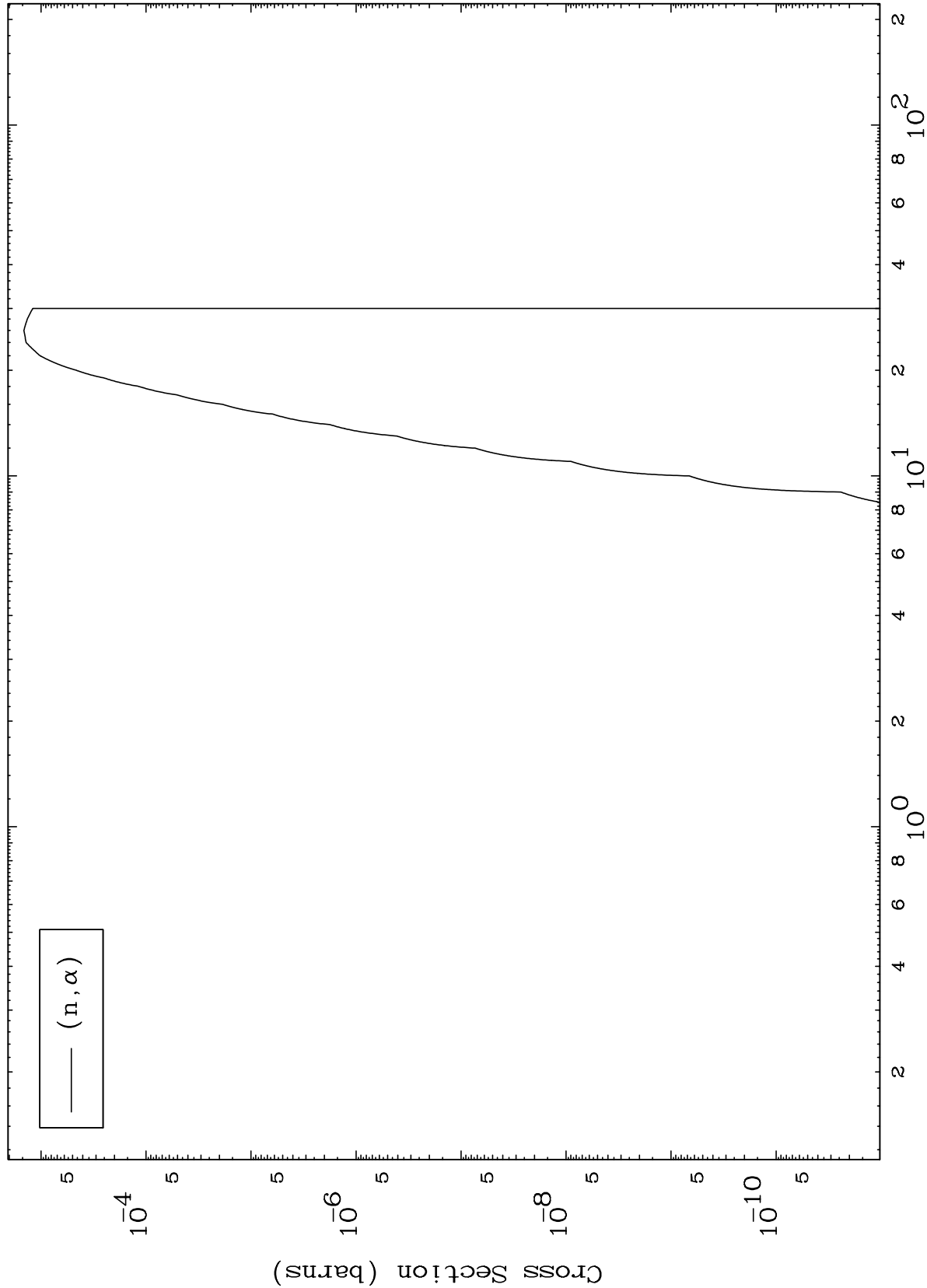
Incident Energy (MeV)

79-Au-198m

MAT 7929

79-Au-198m

(He-3, α) Levels
0 Kelvin Cross Sections



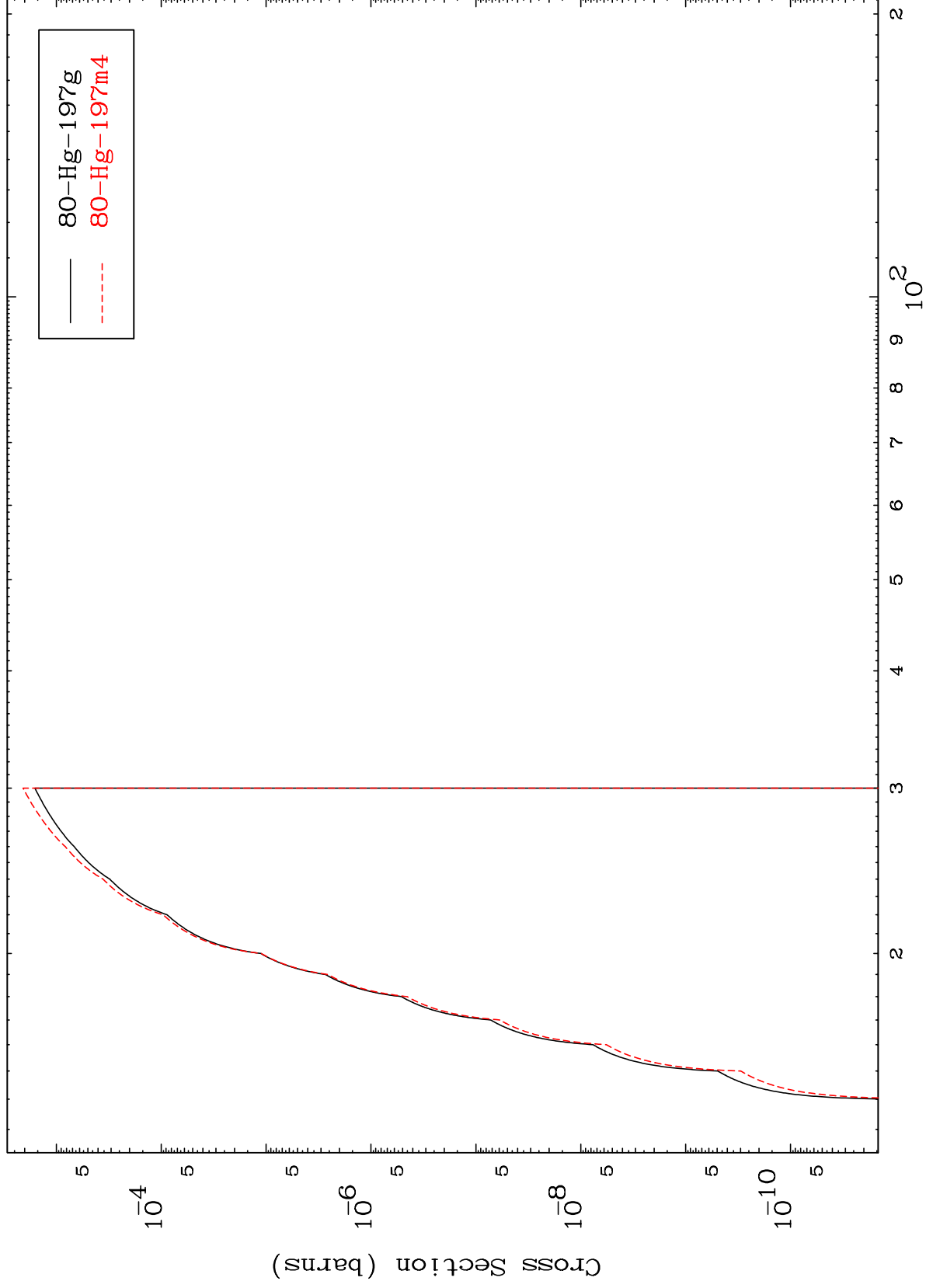
11

79-Au-198m

MAT 7929

79-Au-198m

(n,2n) d
Radionuclide Production Cross Section



12

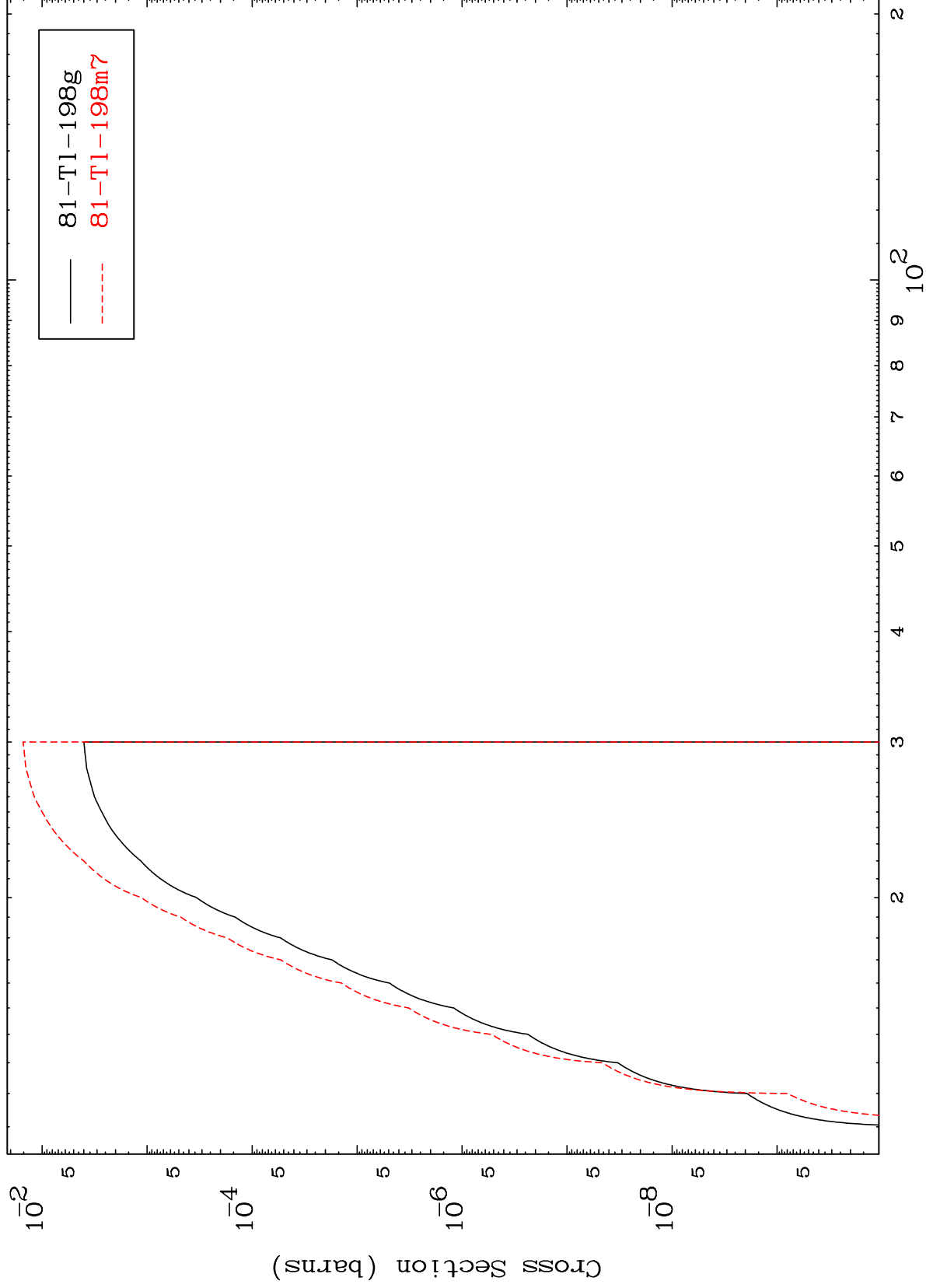
Incident Energy (MeV)

79-Au-198m

MAT 7929

⁷⁹Au-198m

(n,3n)
Radionuclide Production Cross Section



⁷⁹Au-198m

Incident Energy (MeV)

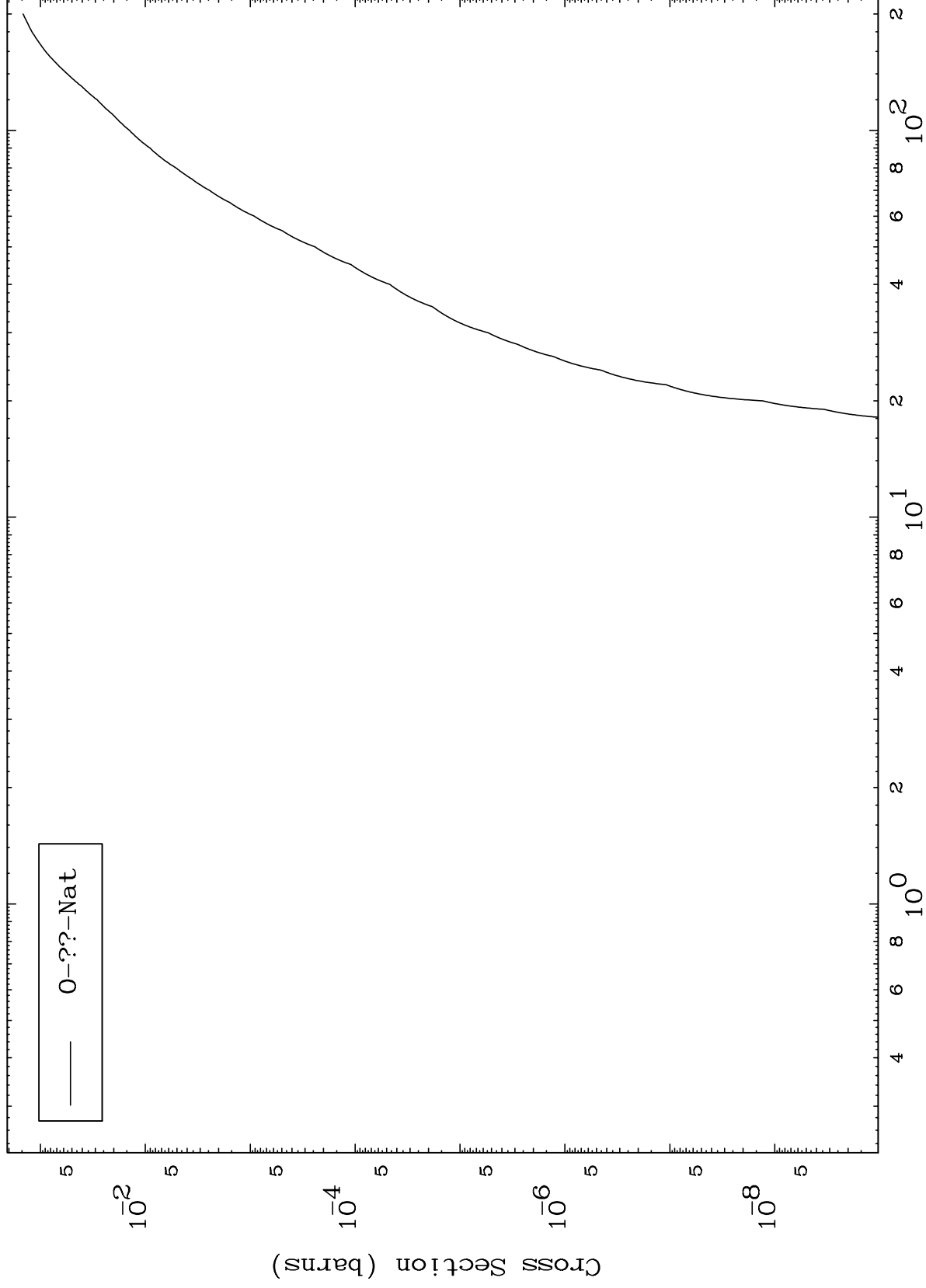
13

MAT 7929

Fission

⁷⁹Au-198m

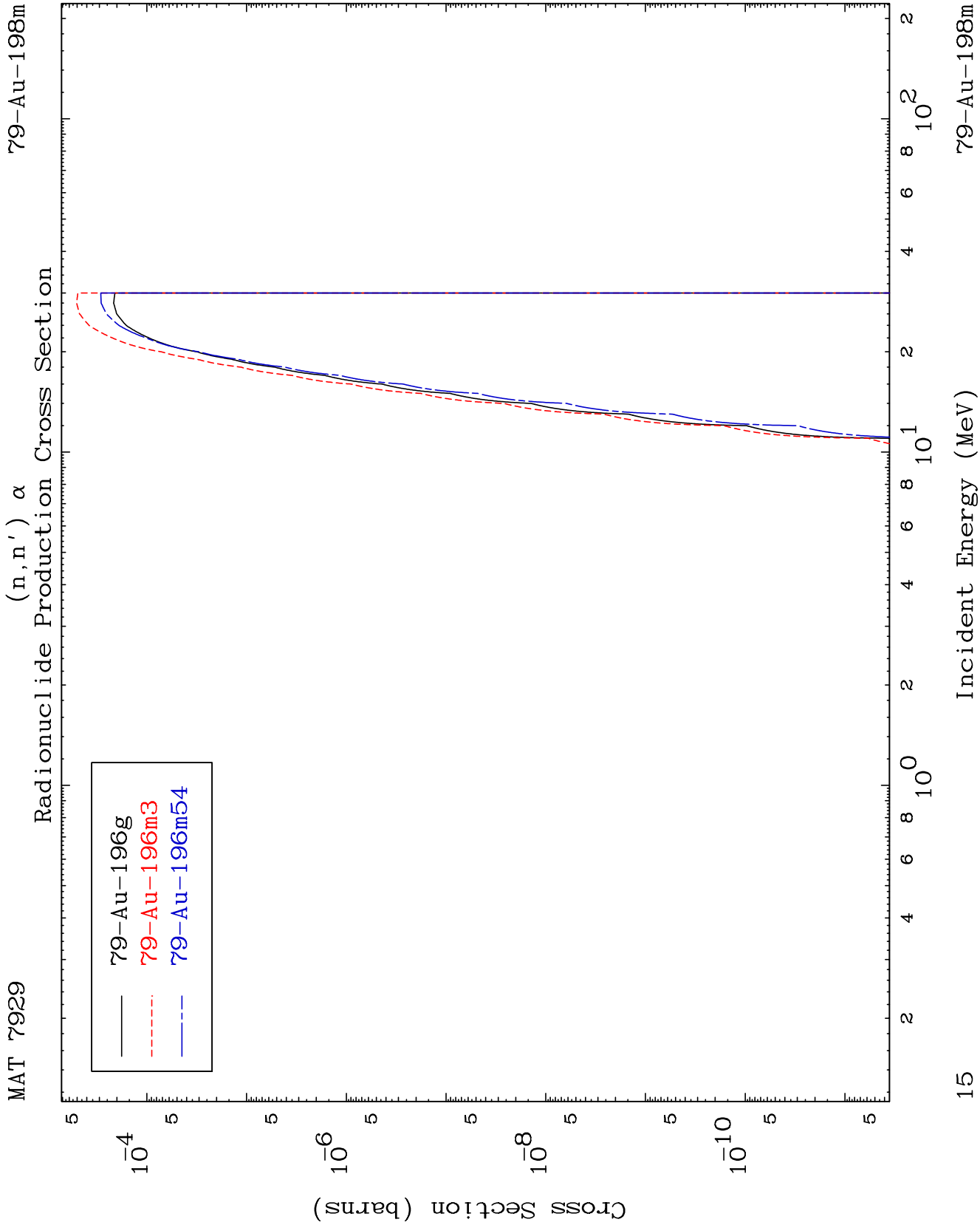
Radionuclide Production Cross Section



14

Incident Energy (MeV)

⁷⁹Au-198m

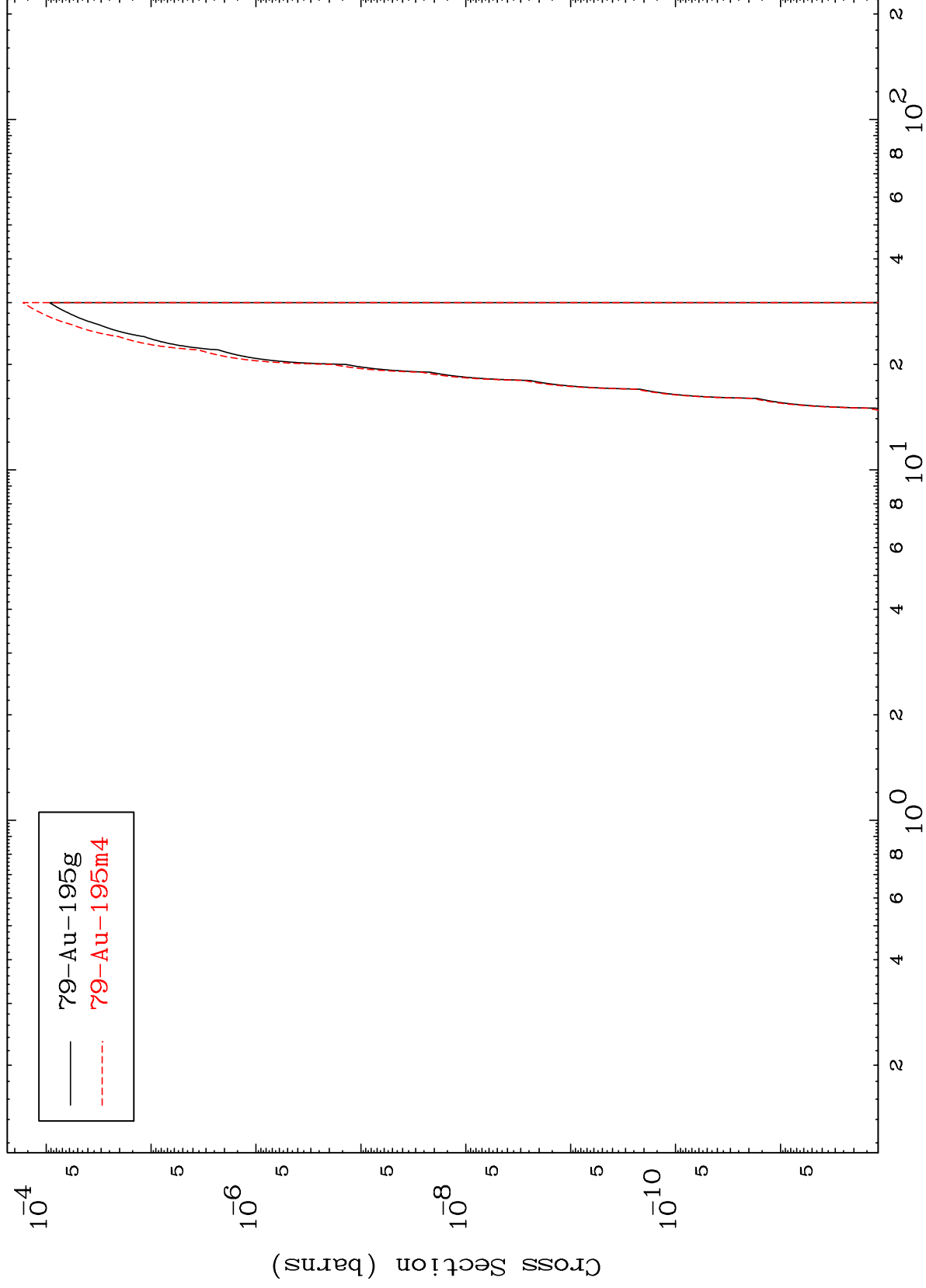


MAT 7929

$^{79}\text{Au-195g}$ α

$^{79}\text{Au-198m}$

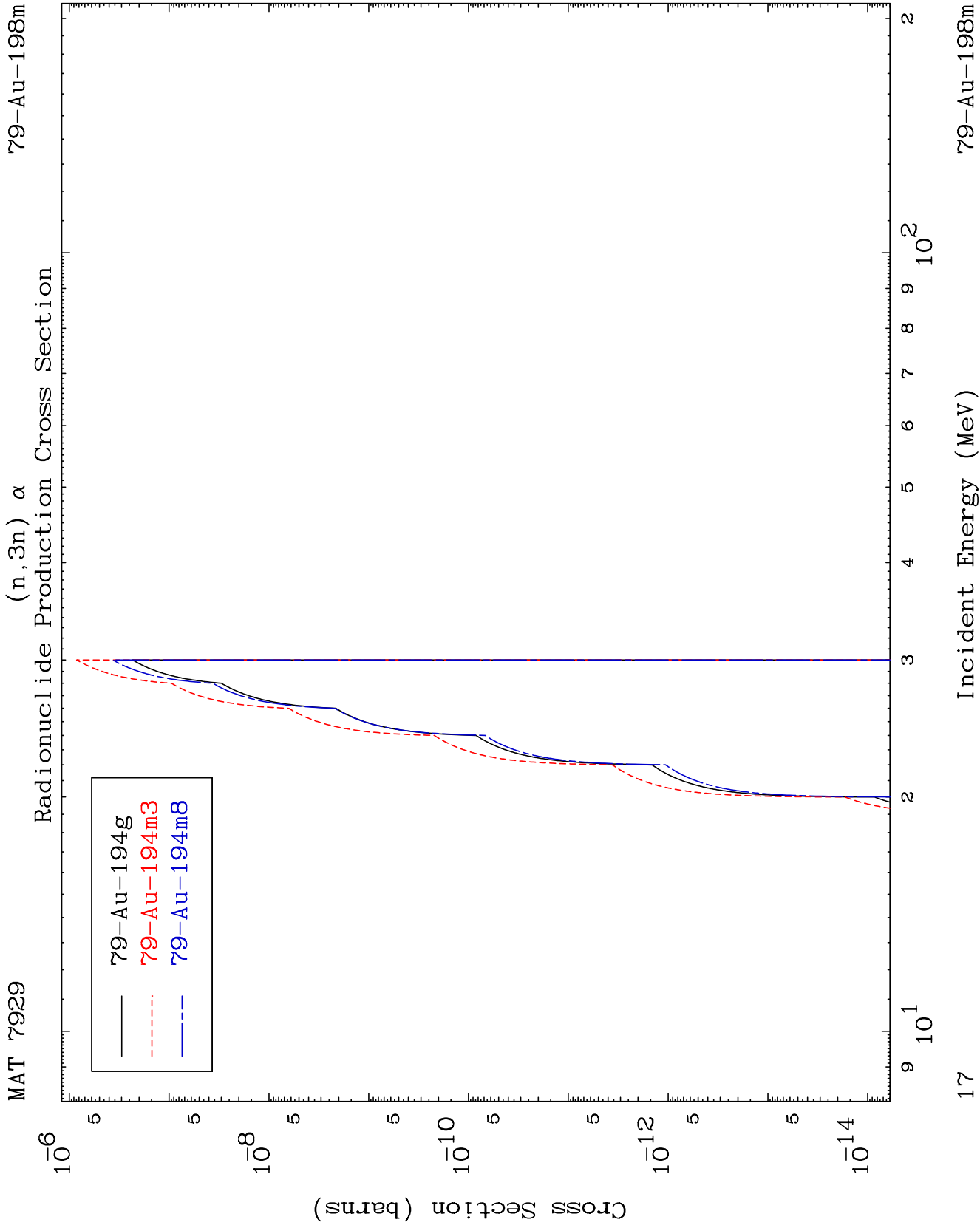
Radionuclide Production Cross Section



16

Incident Energy (MeV)

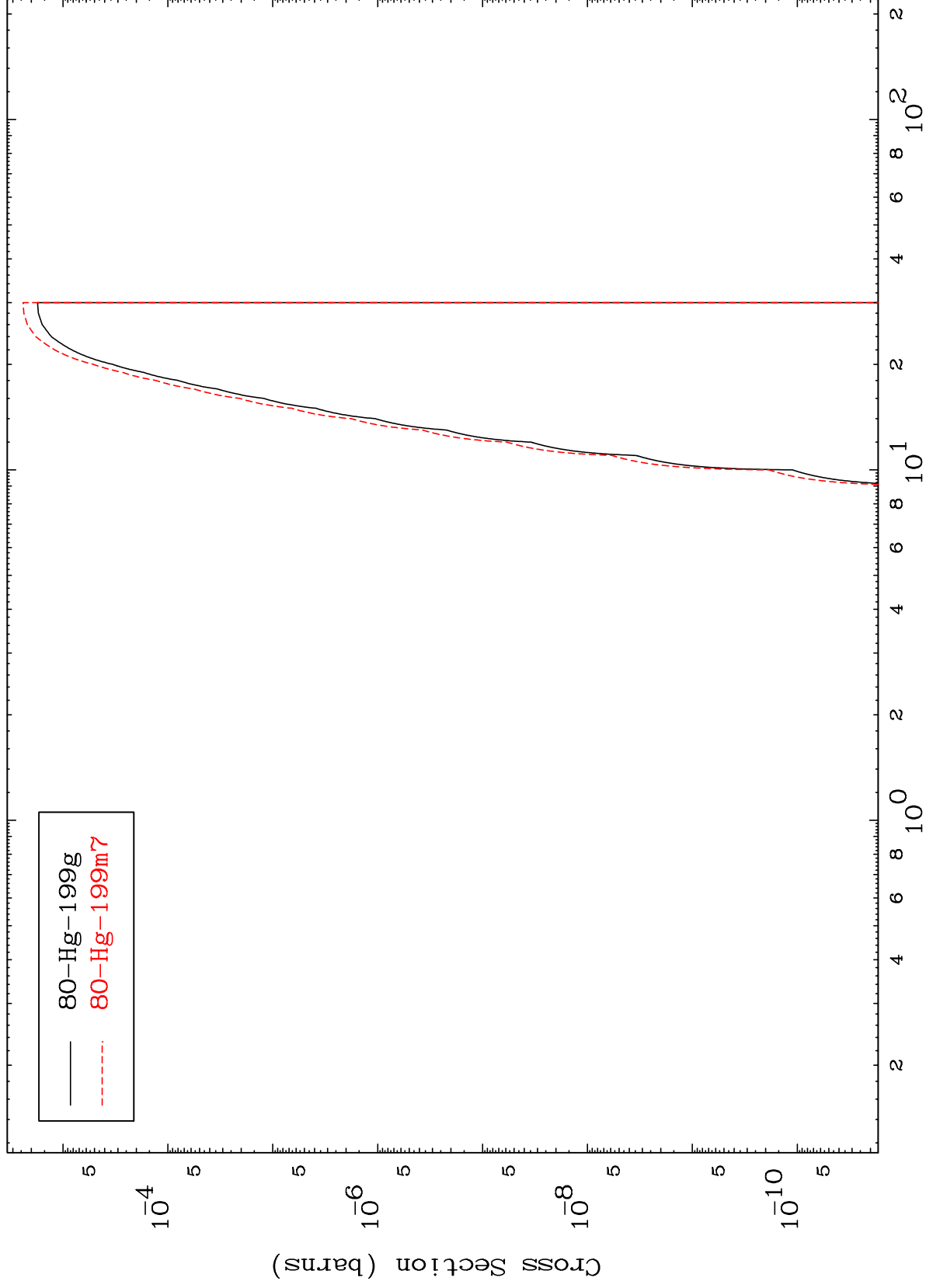
$^{79}\text{Au-198m}$



MAT 7929

79-Au-198m

(n,n') p
Radionuclide Production Cross Section



18

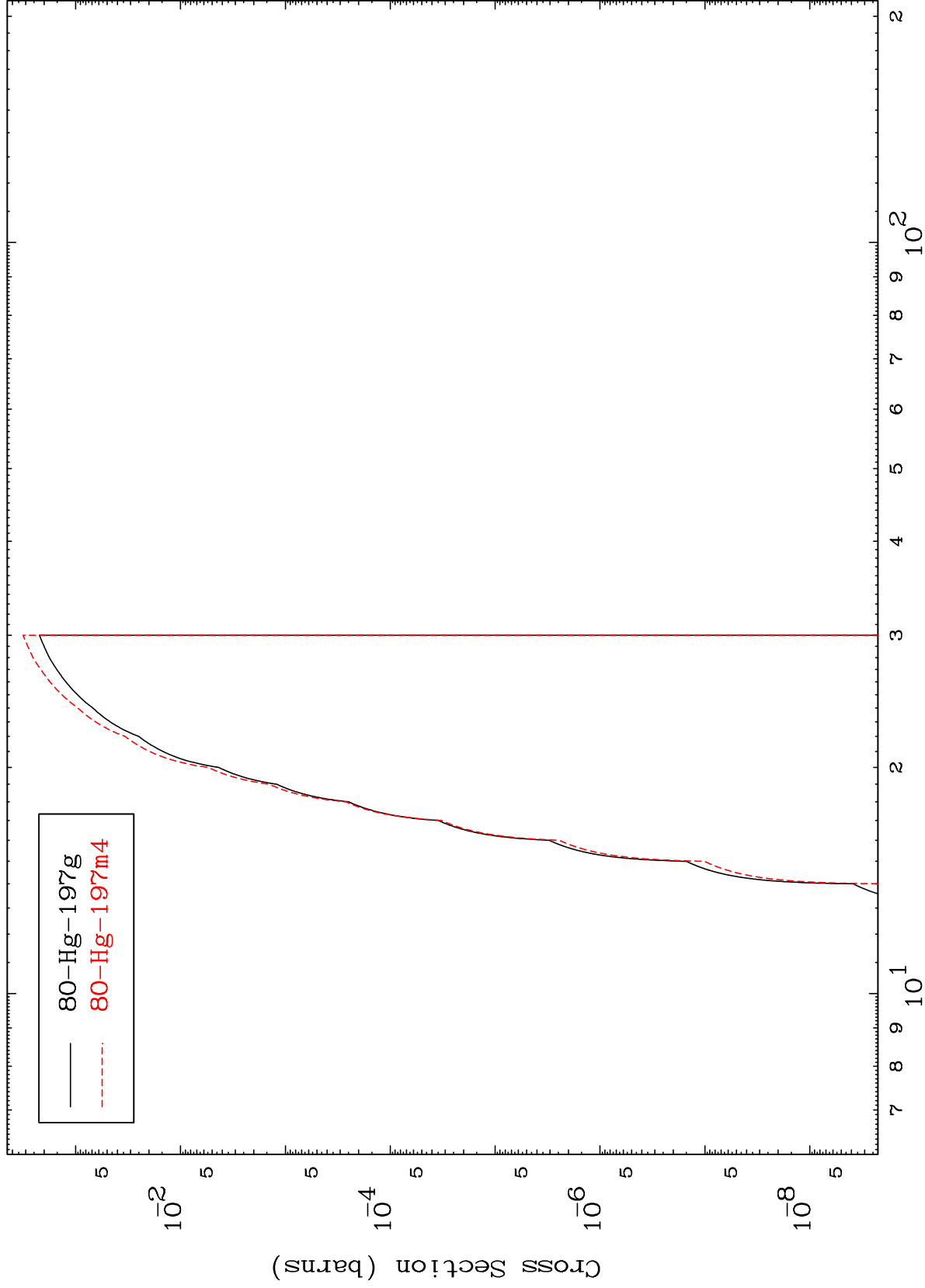
Incident Energy (MeV)

79-Au-198m

MAT 7929

79-Au-198m

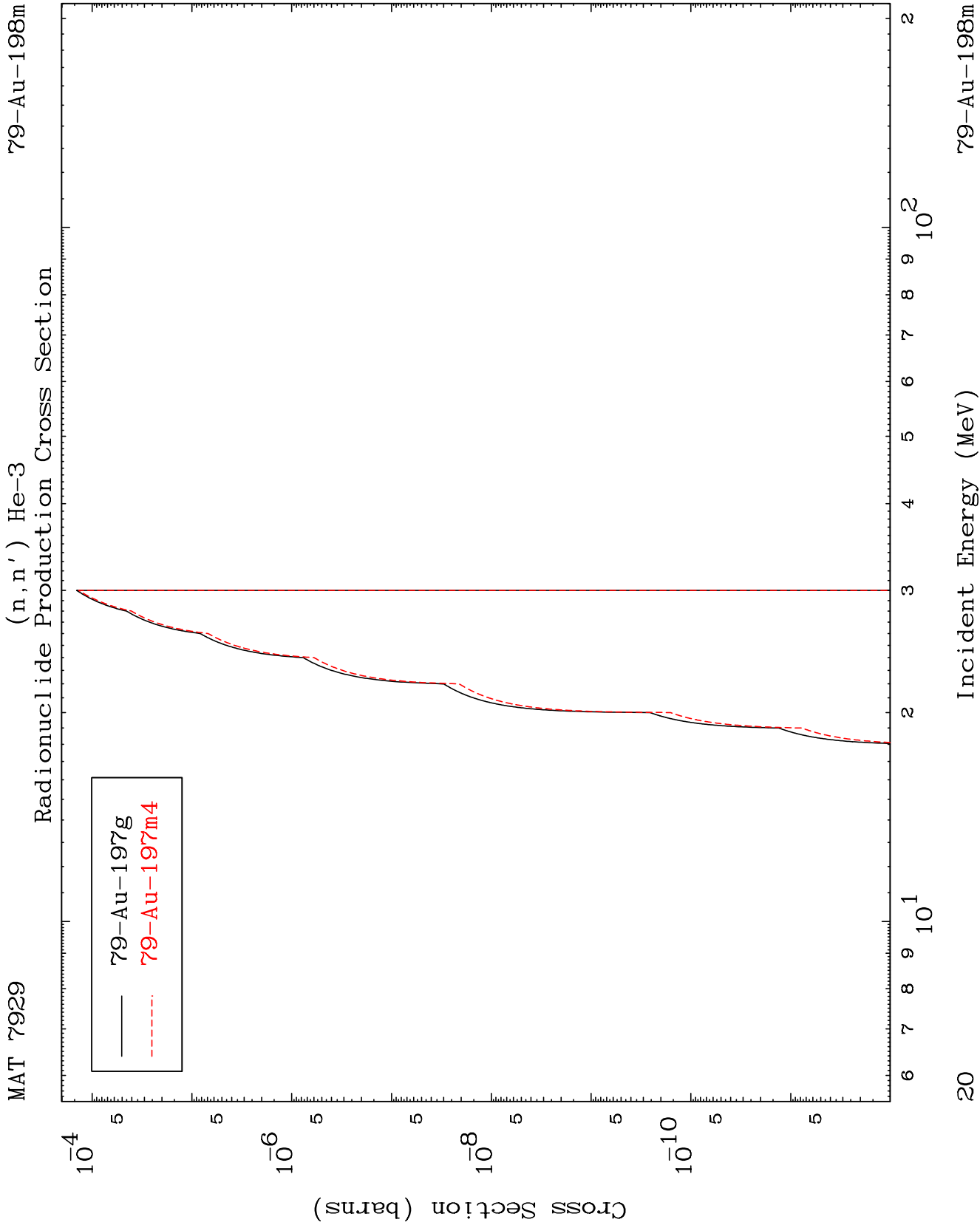
(n,n') t
Radionuclide Production Cross Section



19

Incident Energy (MeV)

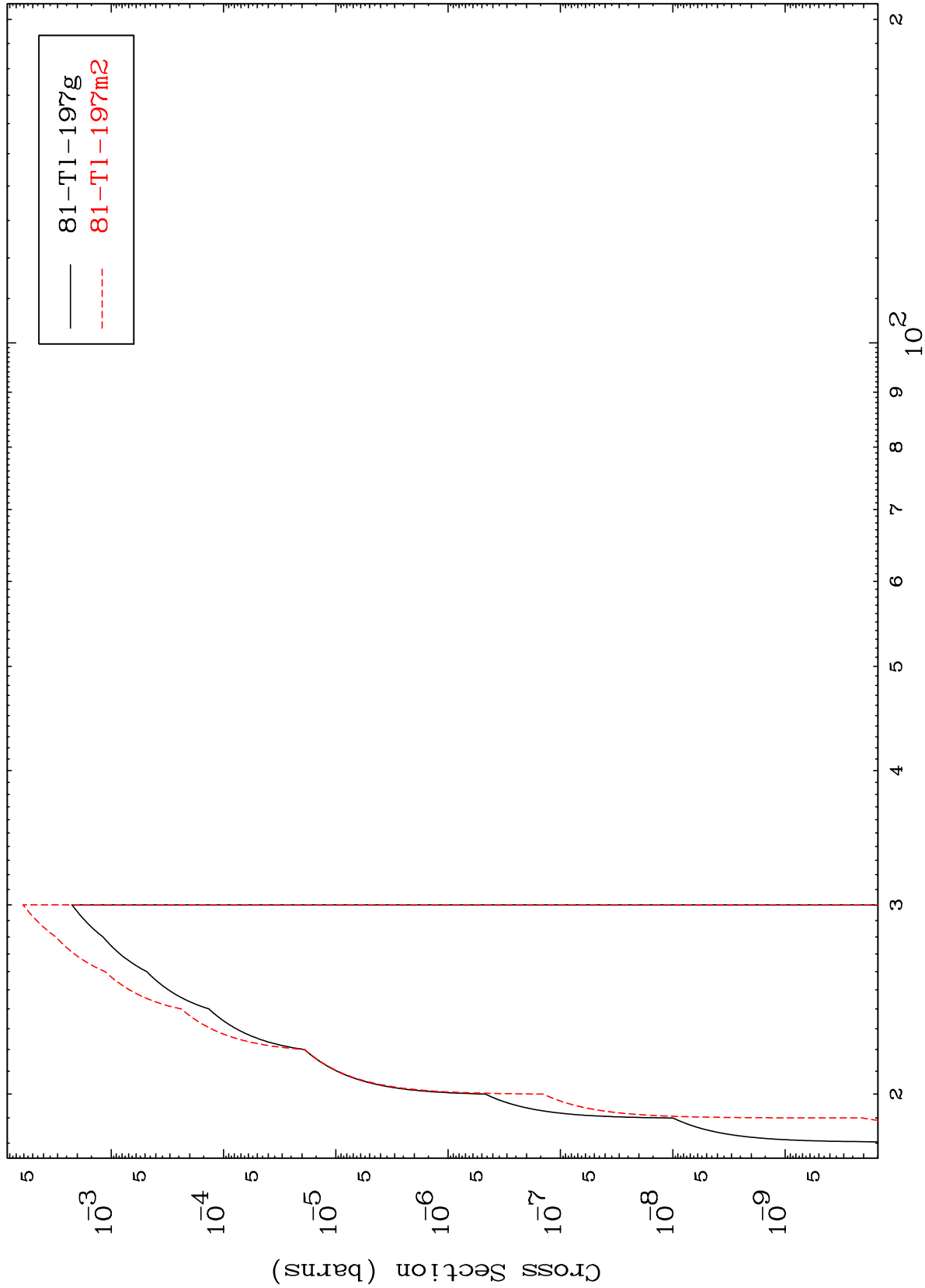
79-Au-198m



MAT 7929

⁷⁹Au-198m

(n,4n)
Radionuclide Production Cross Section

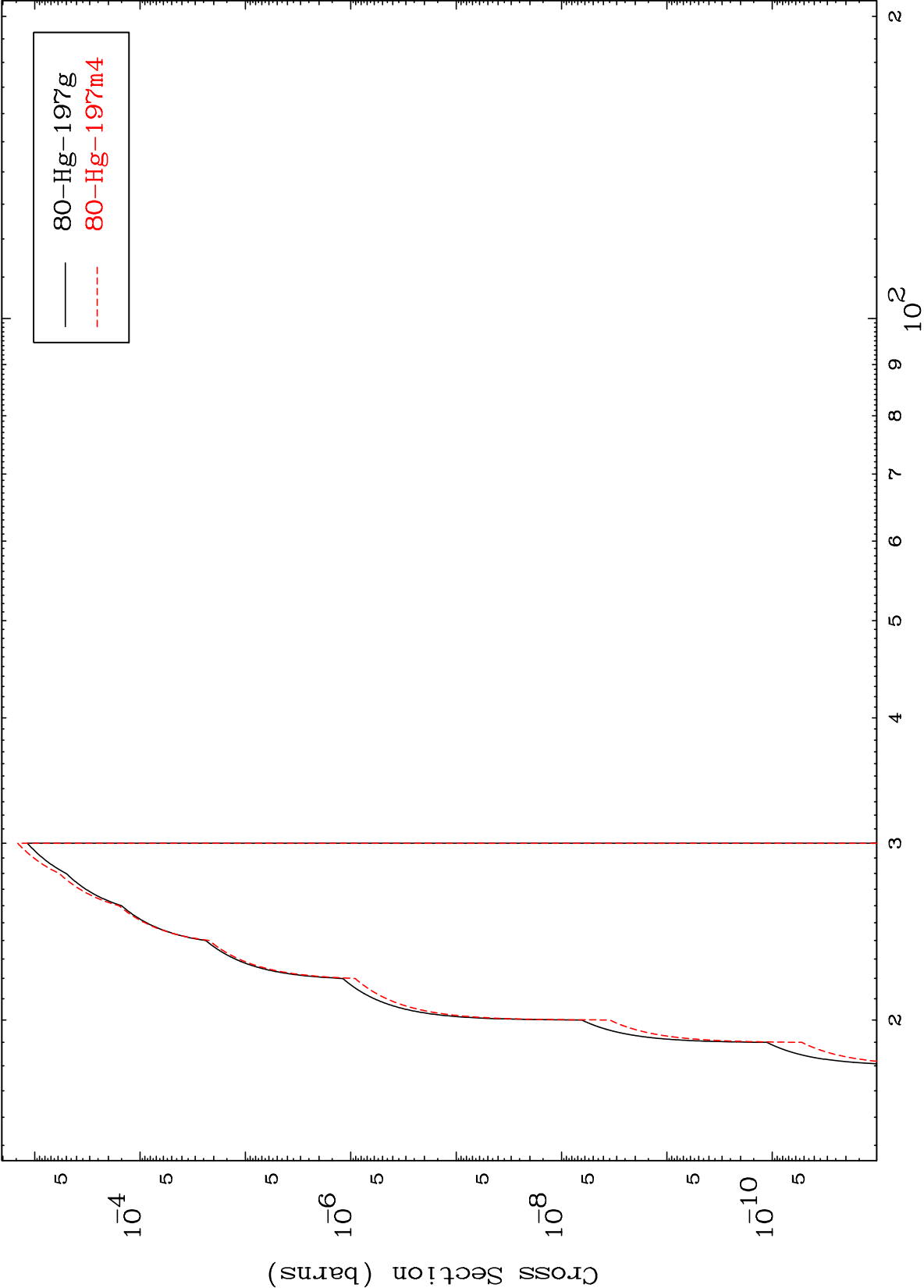


21

Incident Energy (MeV)

⁷⁹Au-198m

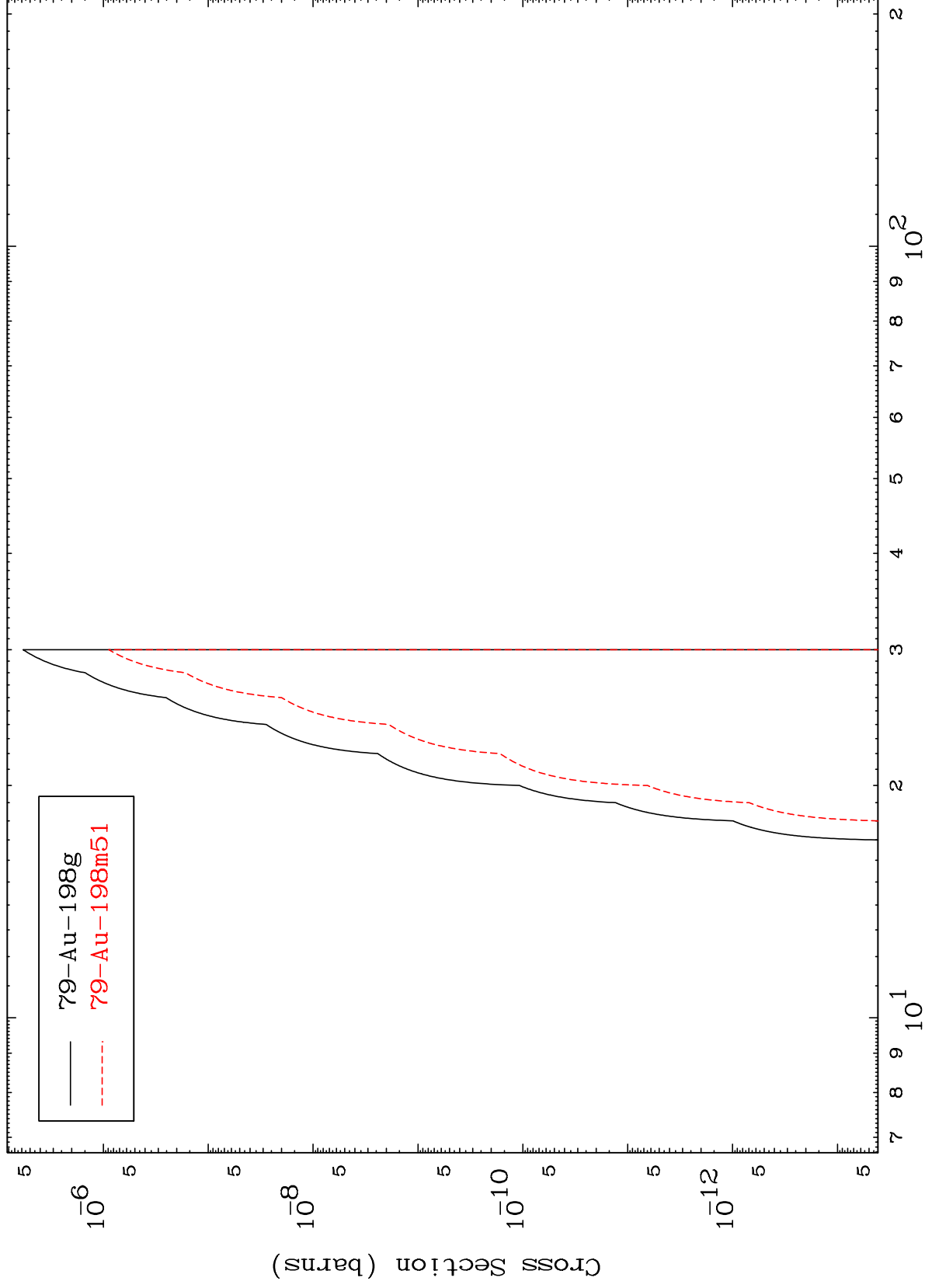
Radionuclide Production Cross Section



MAT 7929

⁷⁹Au-198m

(n,2n) p
Radionuclide Production Cross Section



23

Incident Energy (MeV)

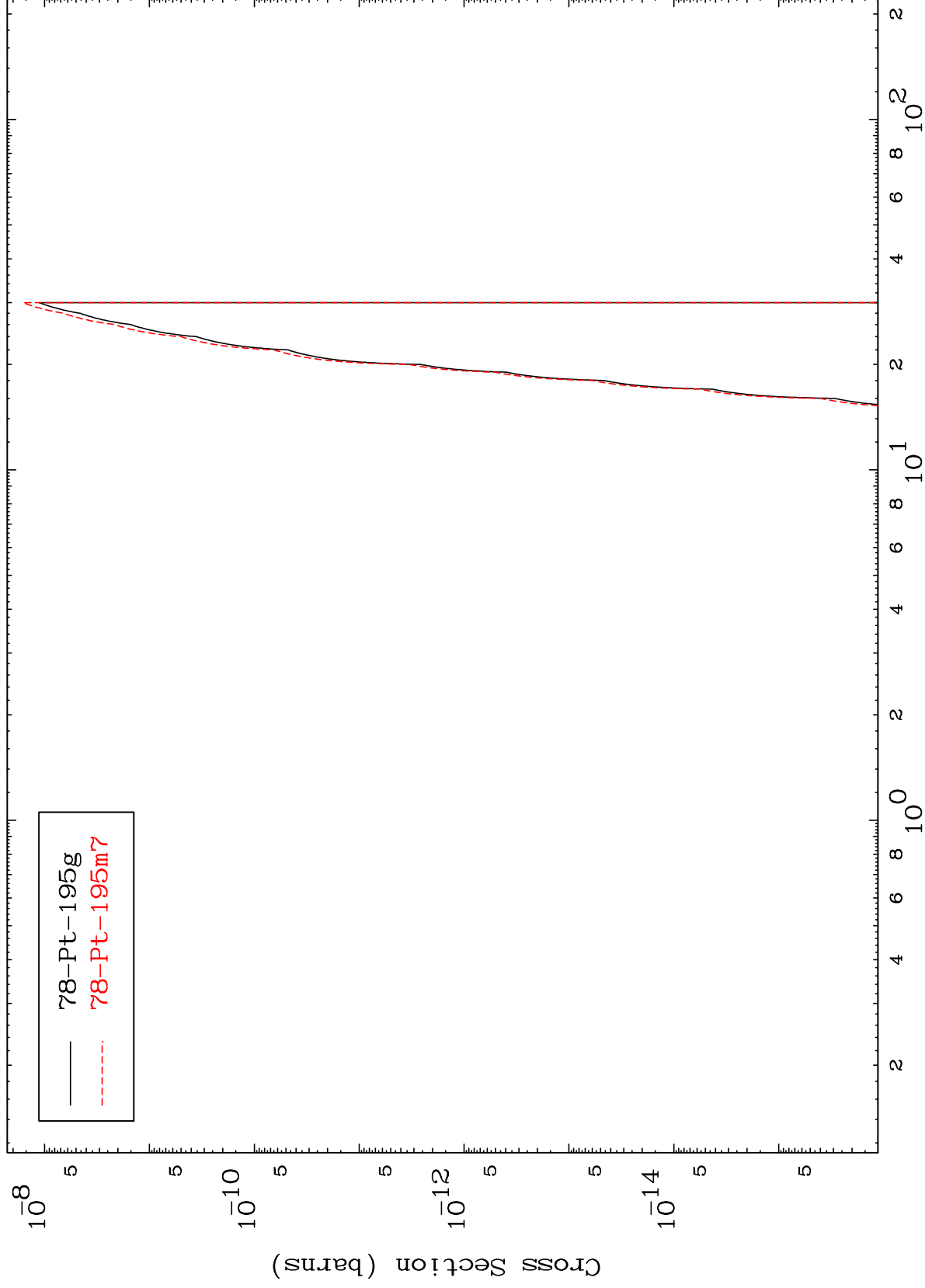
⁷⁹Au-198m

MAT 7929

(n,n') p α

⁷⁹Au-198m

Radionuclide Production Cross Section



24

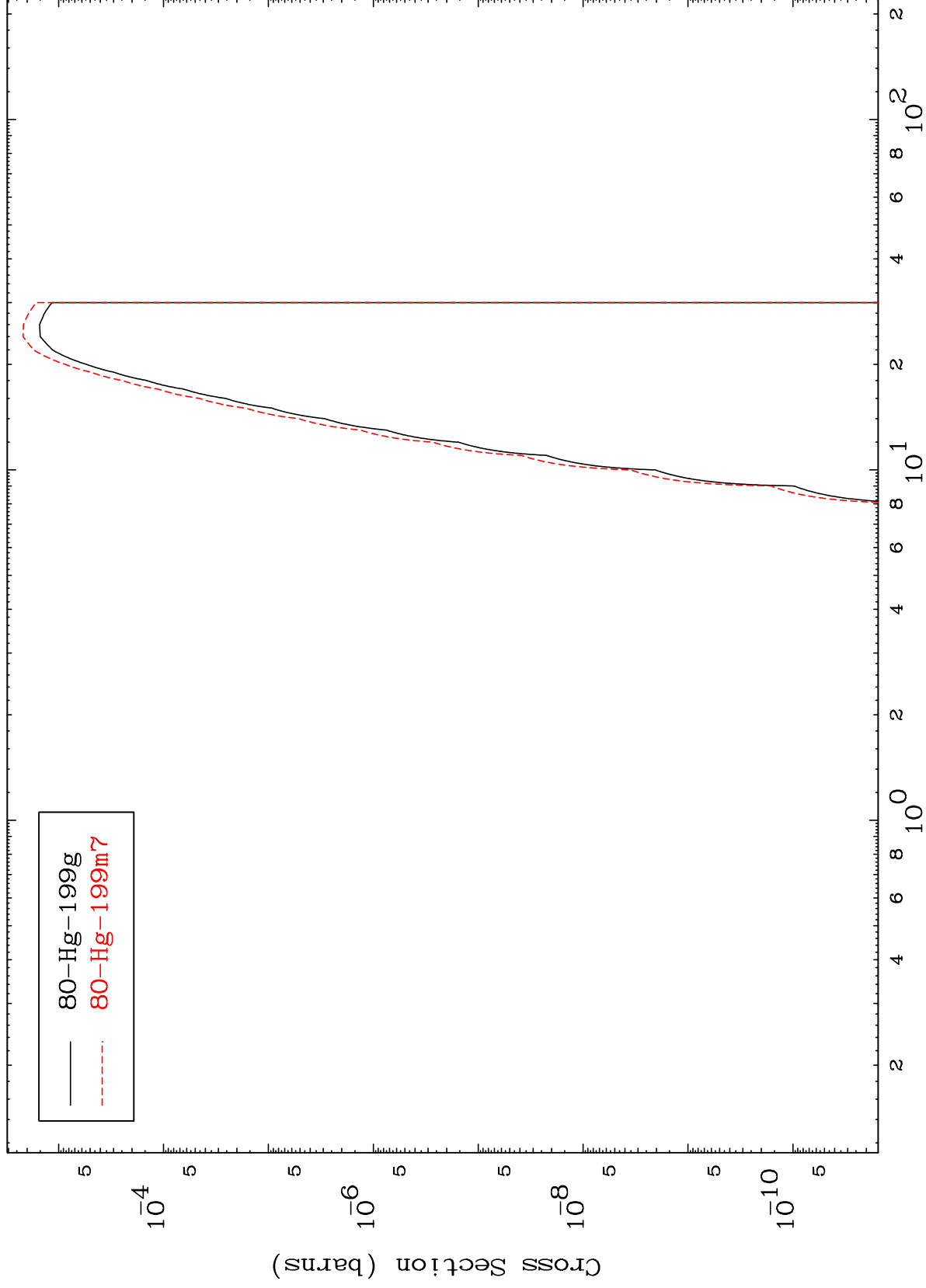
Incident Energy (MeV)

⁷⁹Au-198m

MAT 7929

79-Au-198m

(n,d)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

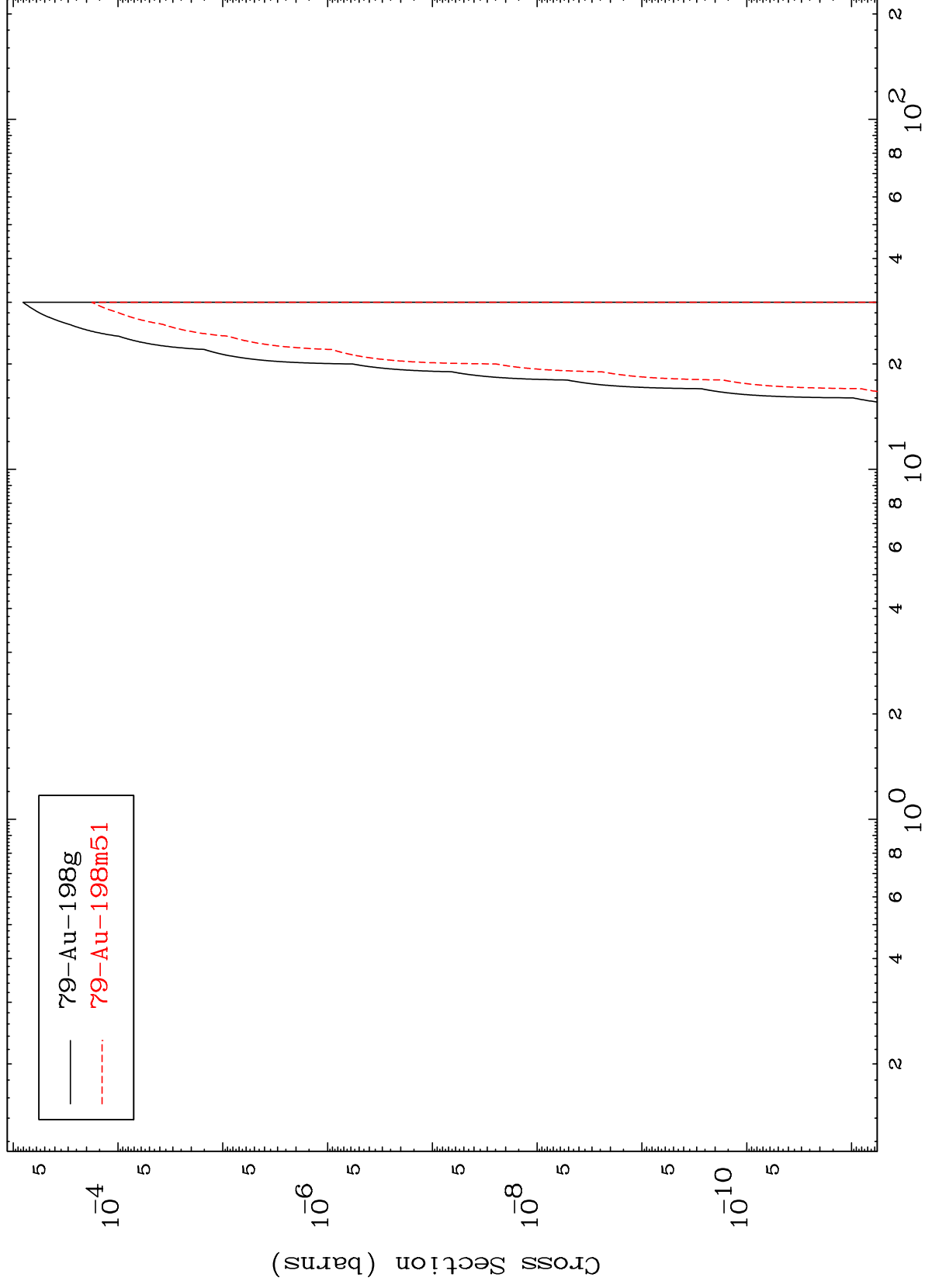
79-Au-198m

MAT 7929

(n,He-3)

79-Au-198m

Radionuclide Production Cross Section



26

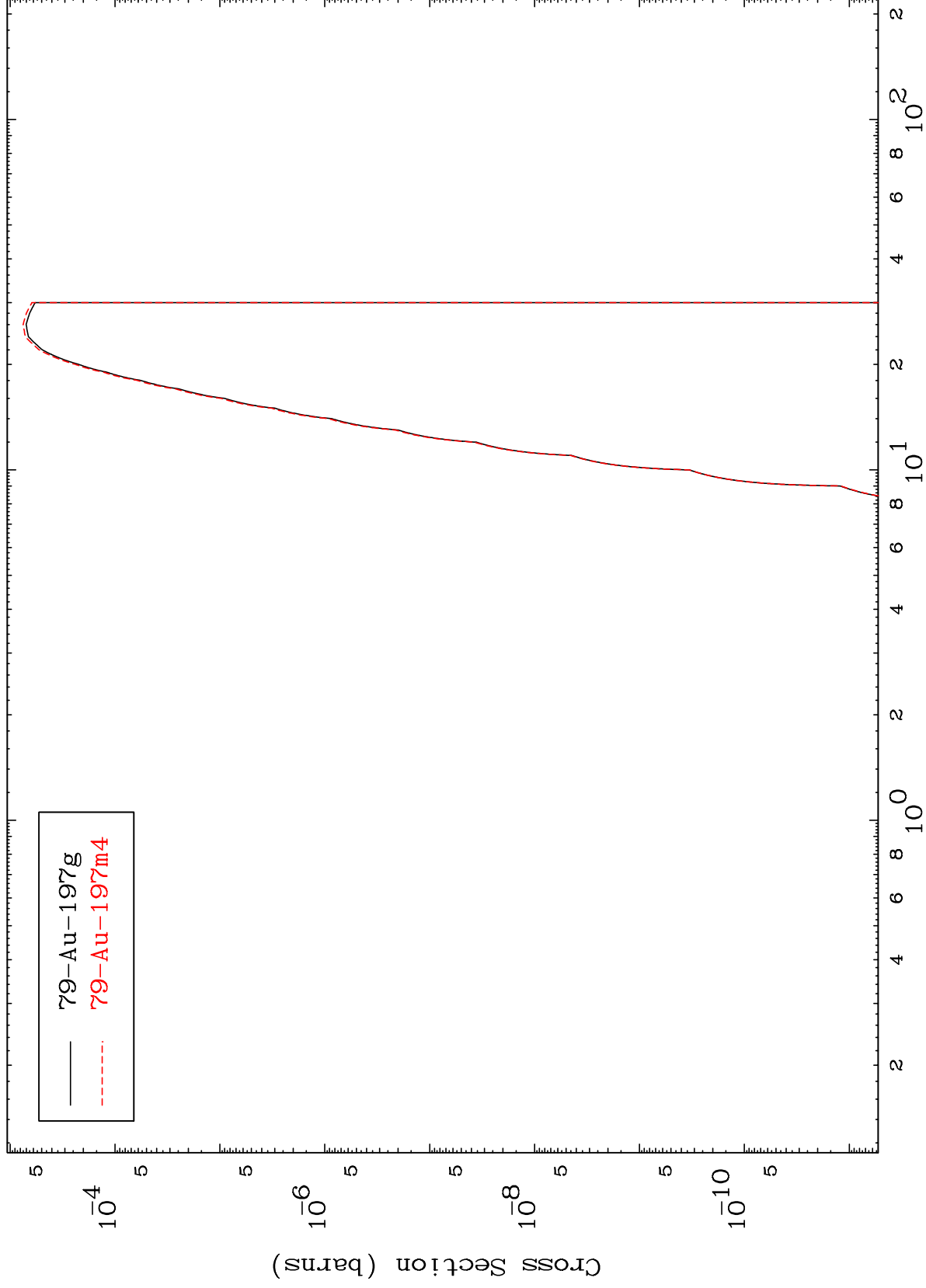
Incident Energy (MeV)

79-Au-198m

MAT 7929

⁷⁹Au-198m

Radionuclide Production Cross Section



Incident Energy (MeV)

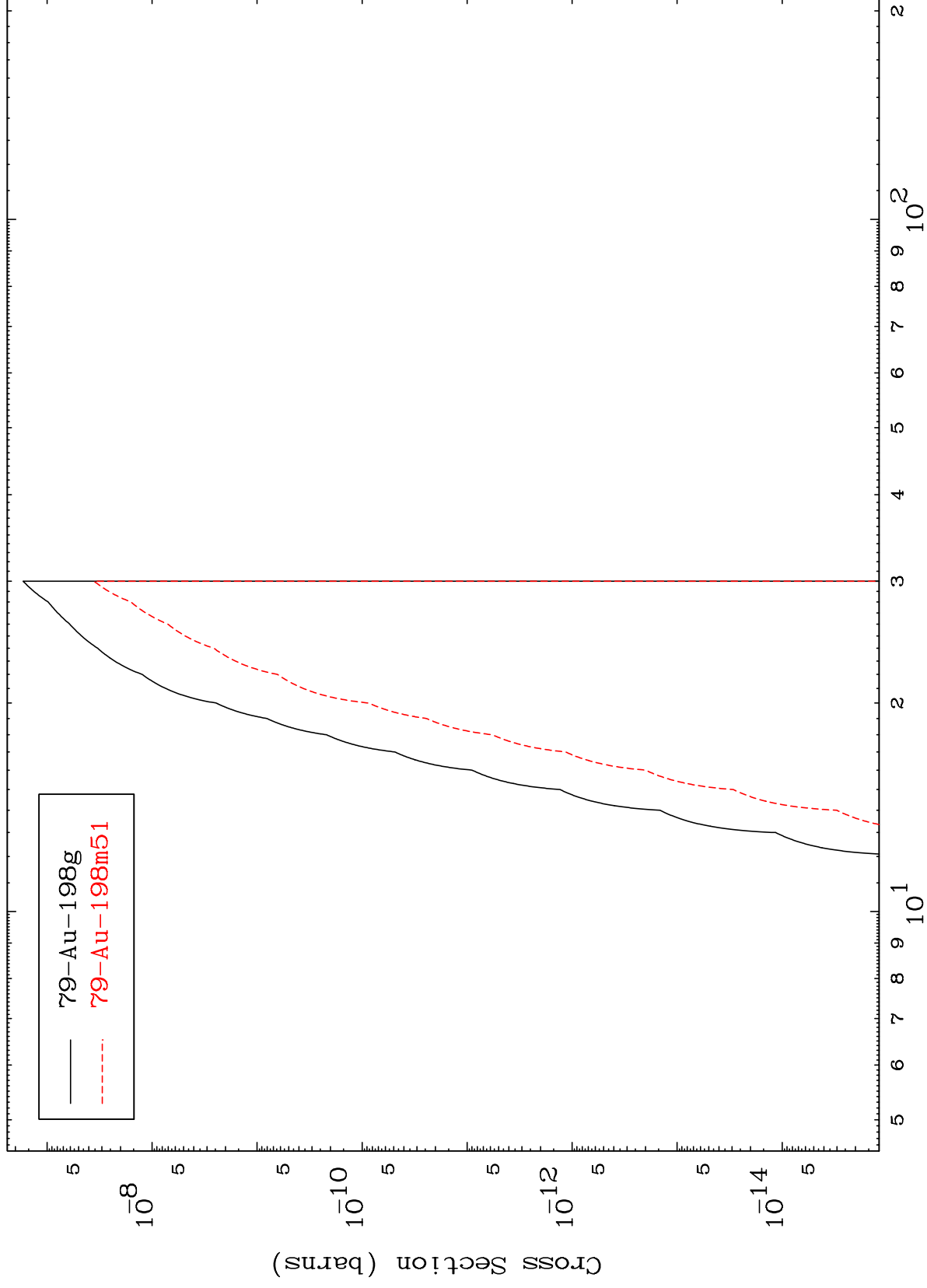
⁷⁹Au-198m

27

MAT 7929

⁷⁹Au-198m

(n,p) d
Radionuclide Production Cross Section



28

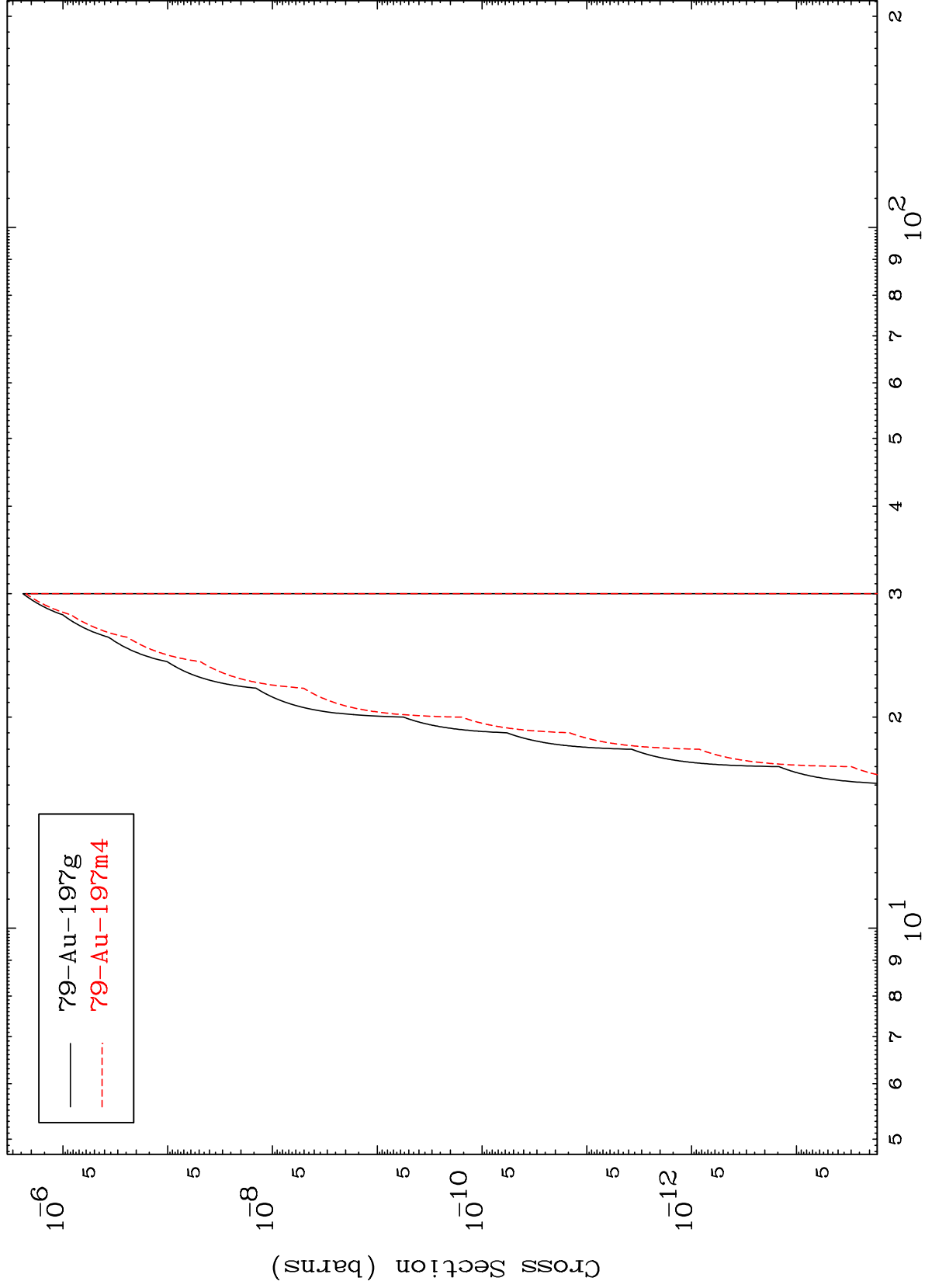
Incident Energy (MeV)

⁷⁹Au-198m

MAT 7929

⁷⁹Au-198m

(n,p) t
Radionuclide Production Cross Section



29

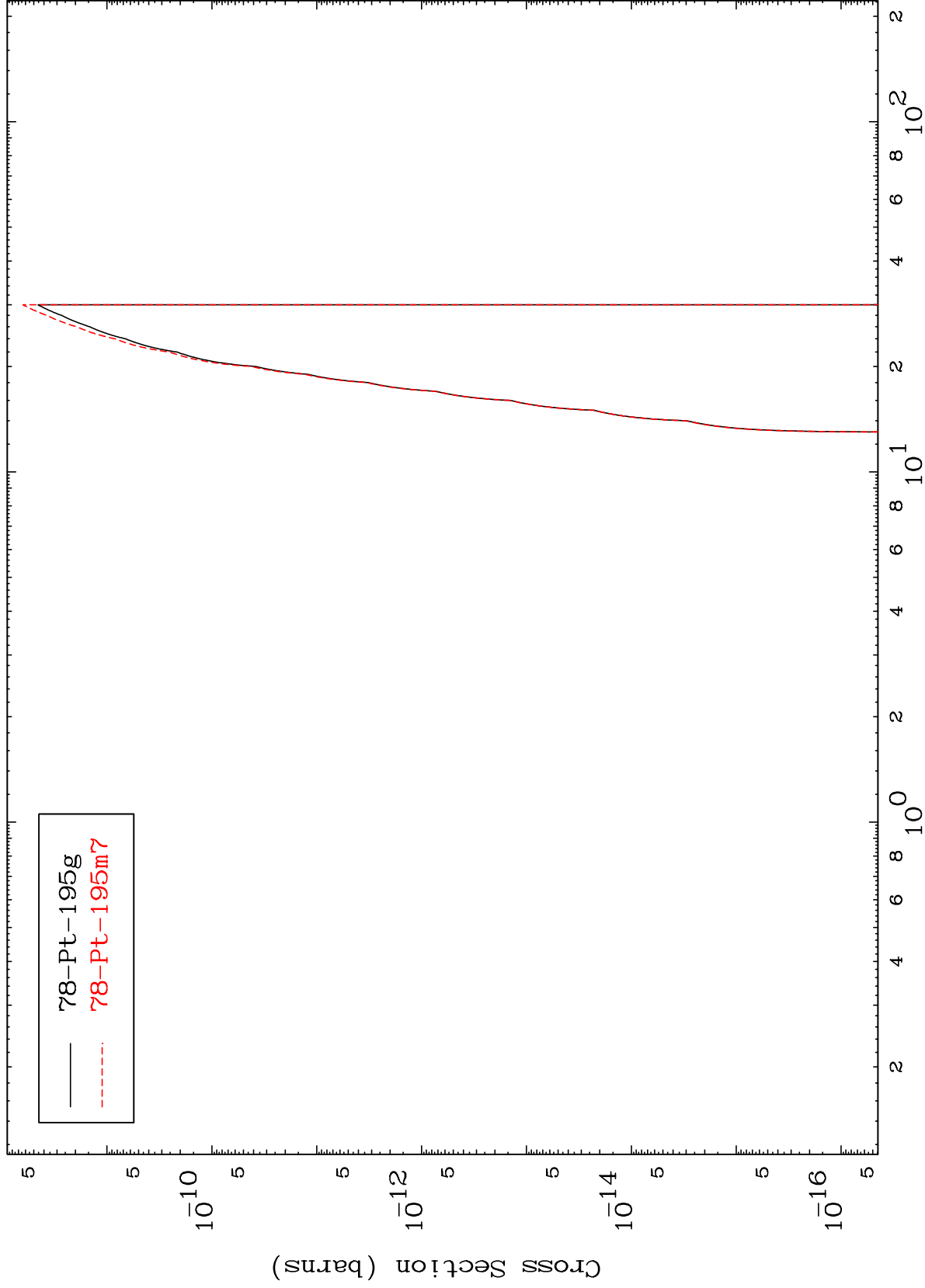
Incident Energy (MeV)

⁷⁹Au-198m

MAT 7929

⁷⁹Au-198m

(n,d) α
Radionuclide Production Cross Section



30

⁷⁹Au-198m