

Program EVALPLOT
(Version 2021-1)

by

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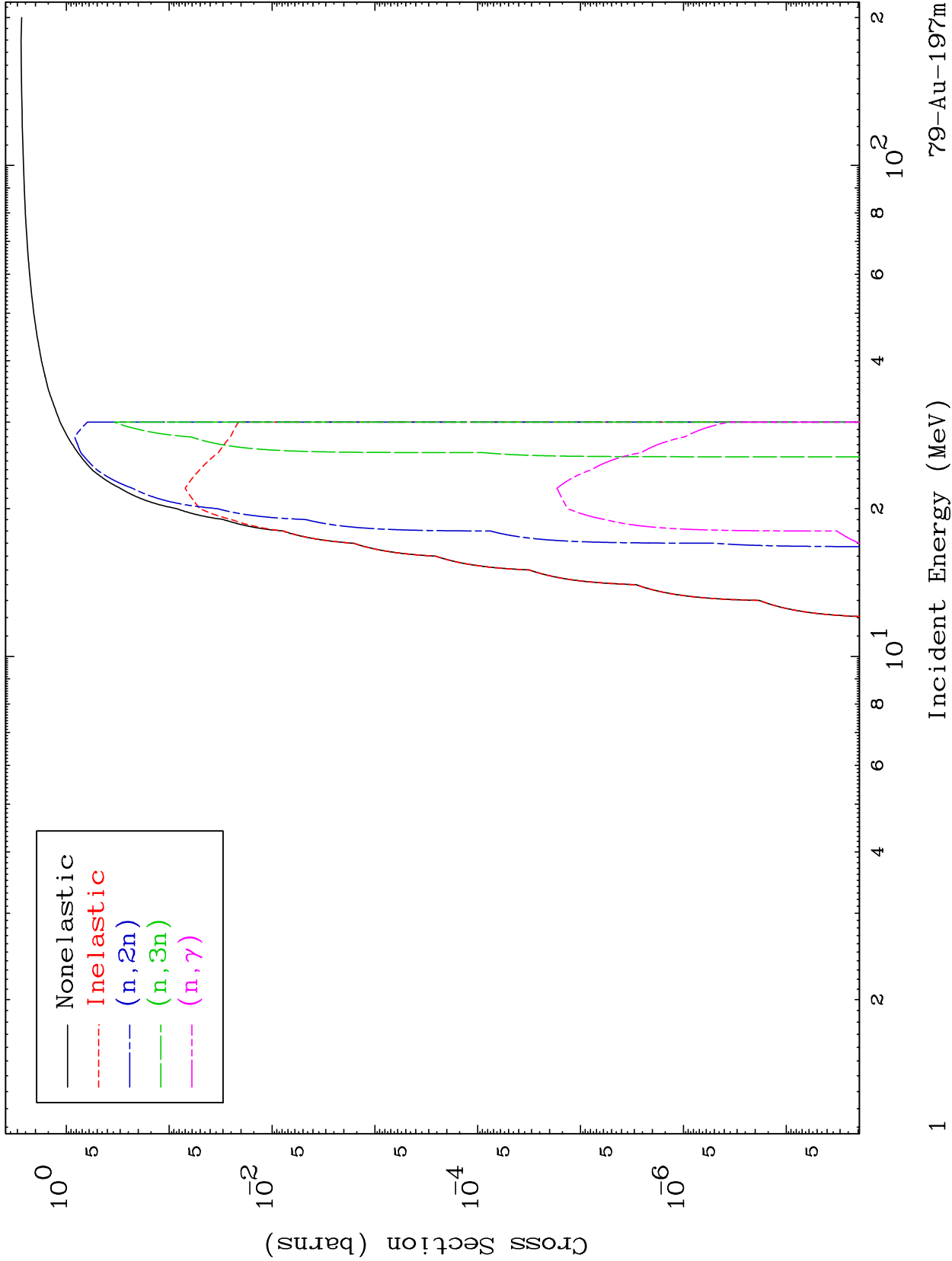
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7926

0 Kelvin Cross Sections

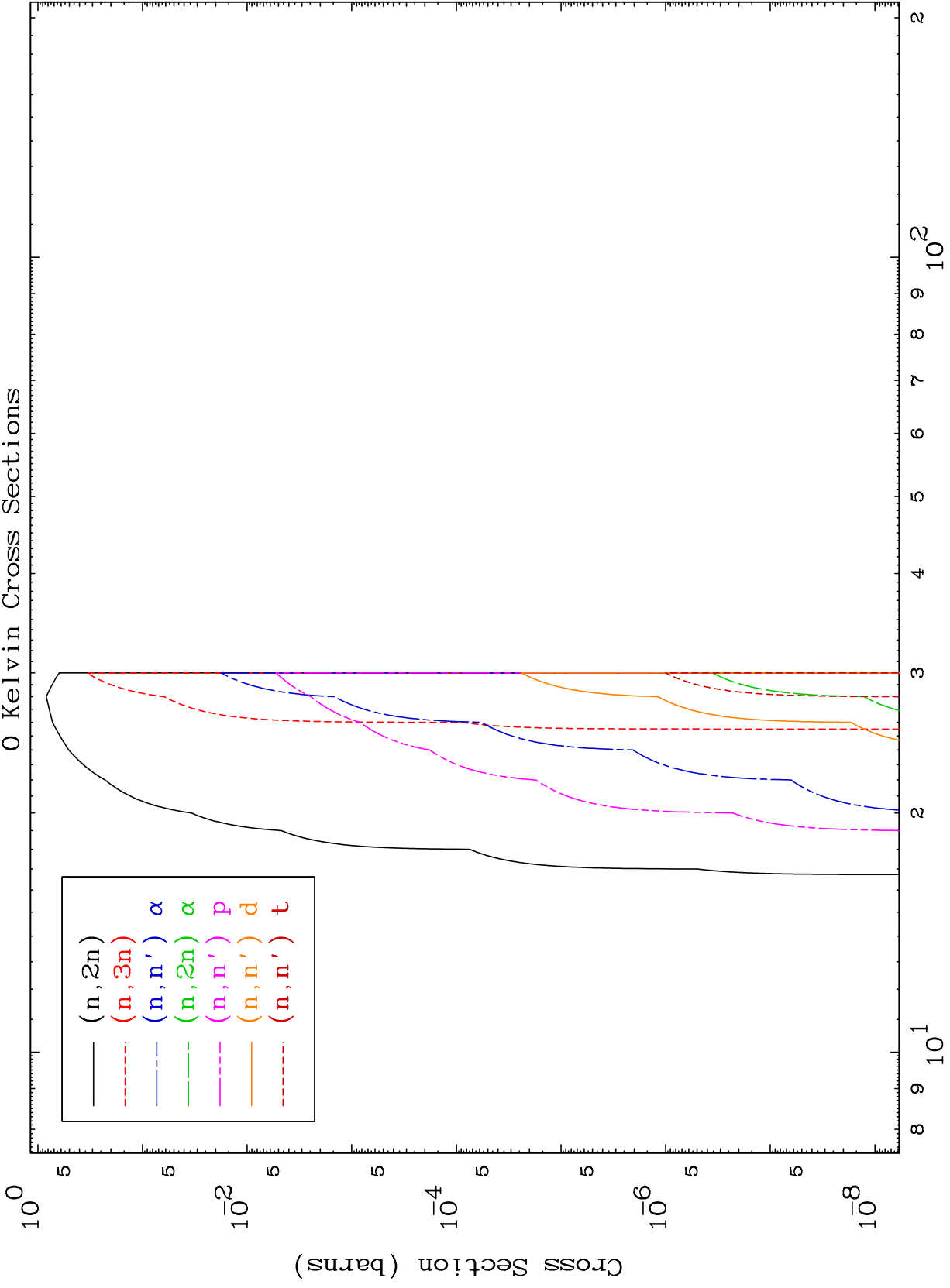
79-Au-197m



MAT 7926

α Neutron Absorption
0 Kelvin Cross Sections

79-Au-197m



79-Au-197m

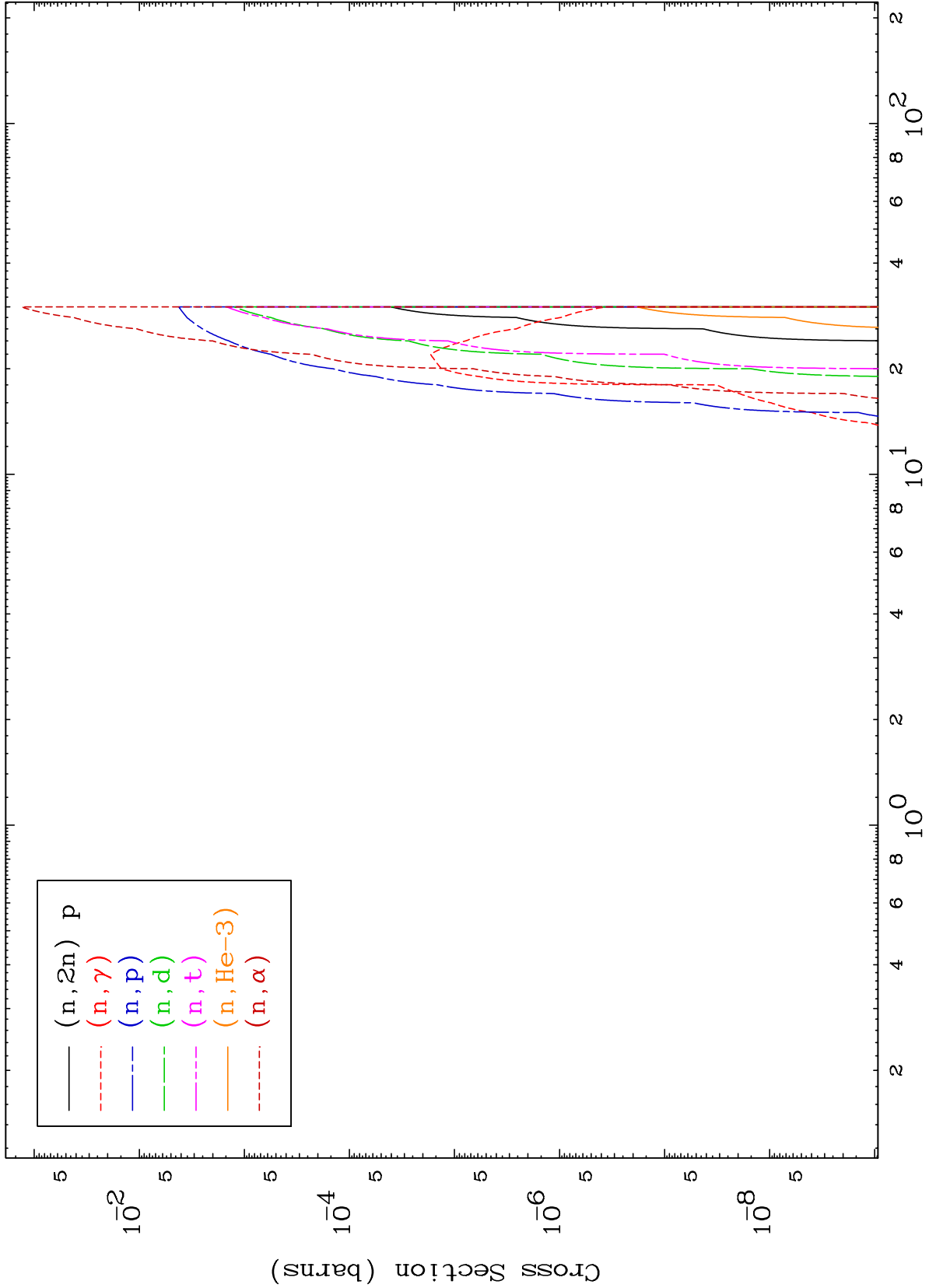
Incident Energy (MeV)

2

MAT 7926

α Neutron Absorption
0 Kelvin Cross Sections

79-Au-197m



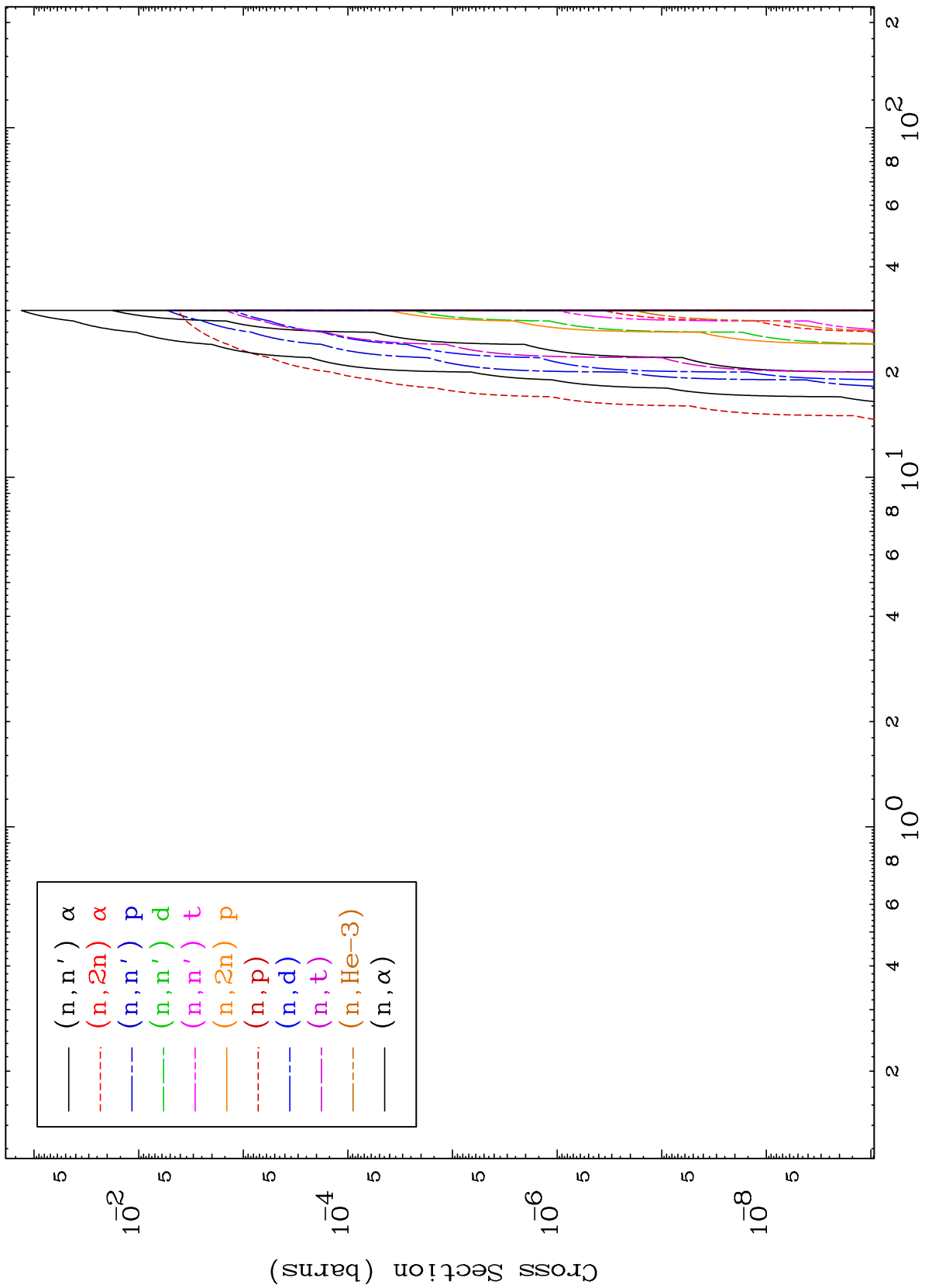
79-Au-197m

Incident Energy (MeV)

MAT 7926

α Charged Particle
0 Kelvin Cross Sections

79-Au-197m



79-Au-197m

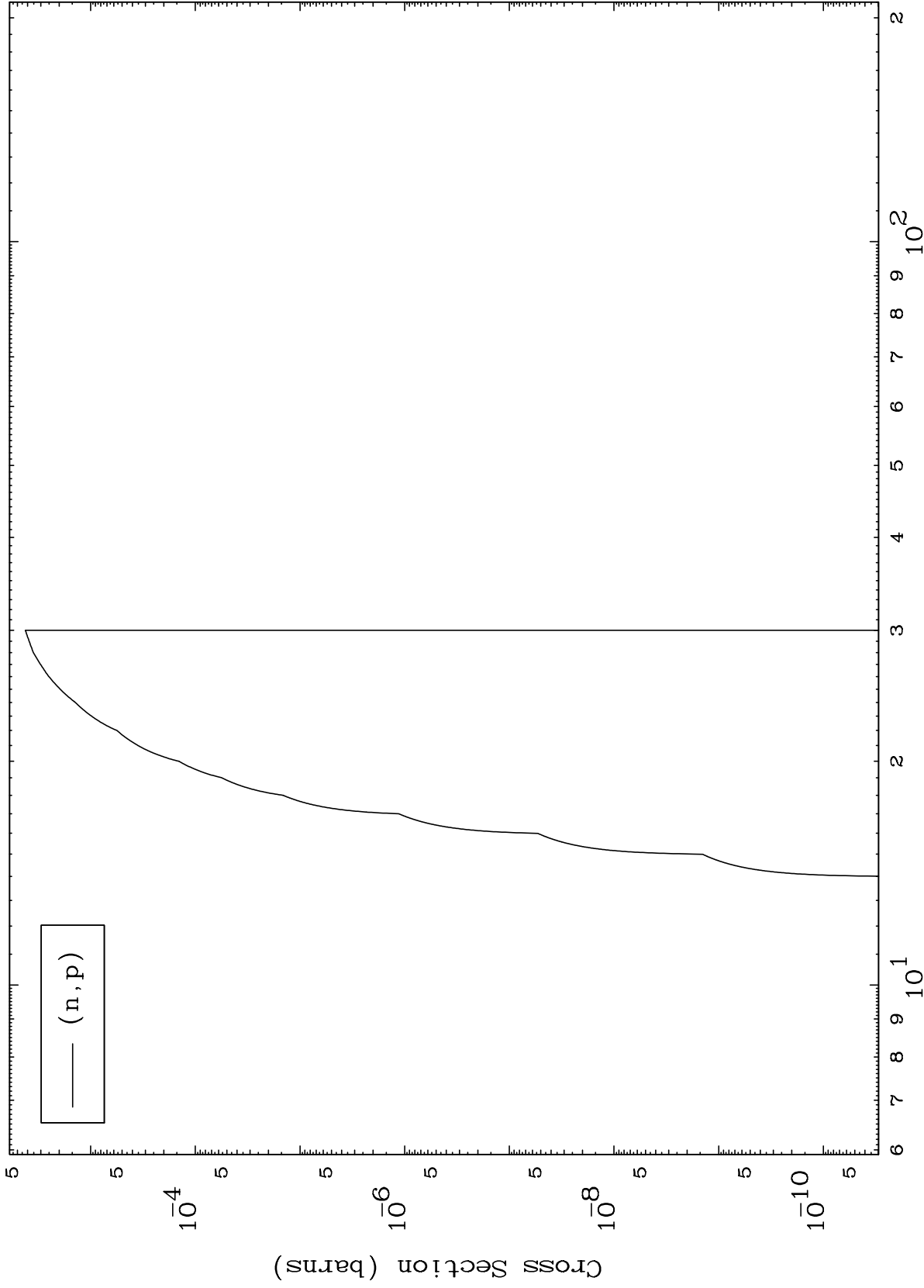
Incident Energy (MeV)

MAT 7926

(α, p) Levels

⁷⁹Au-197m

0 Kelvin Cross Sections



5

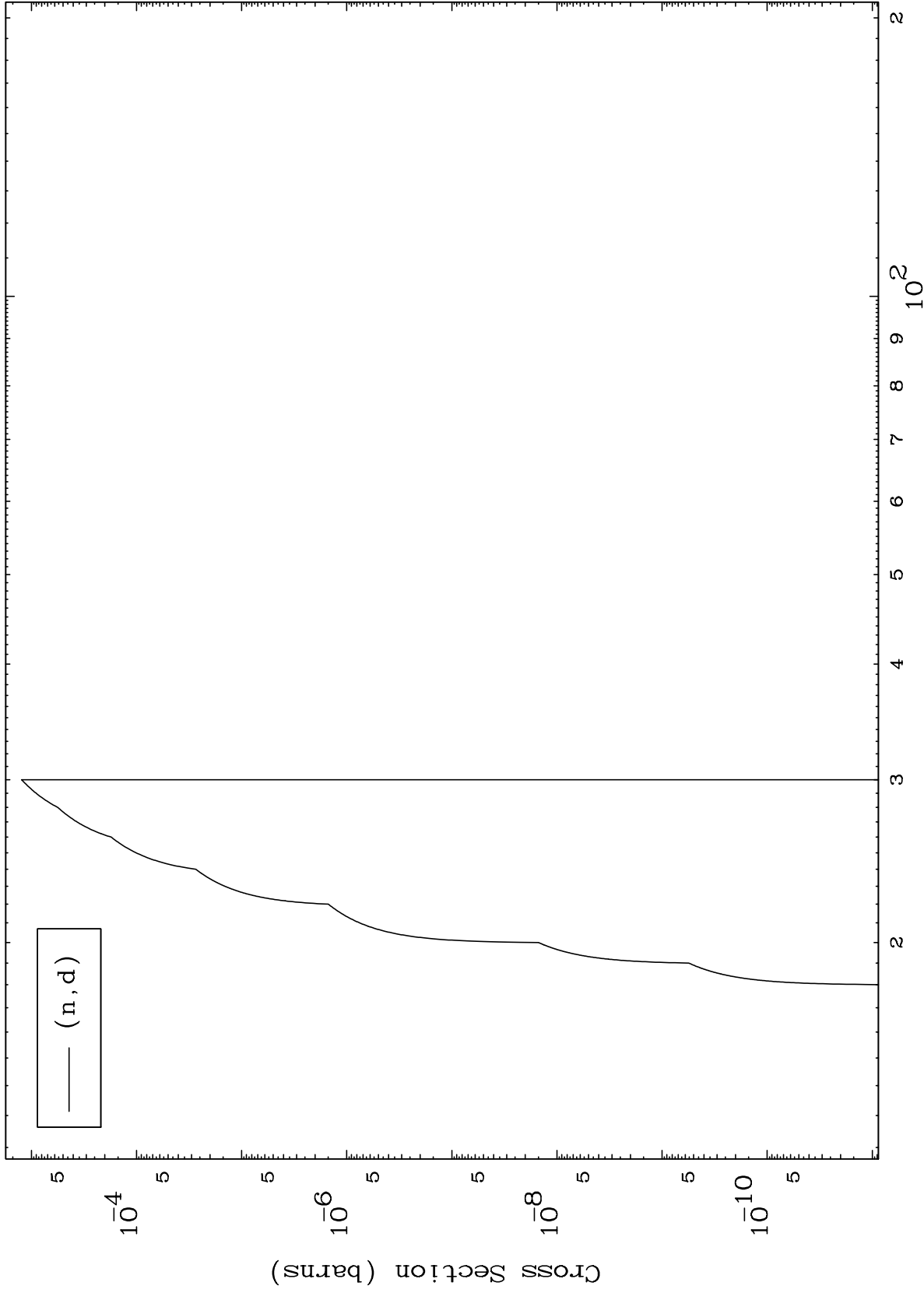
Incident Energy (MeV)

⁷⁹Au-197m

MAT 7926

(α, d) Levels
0 Kelvin Cross Sections

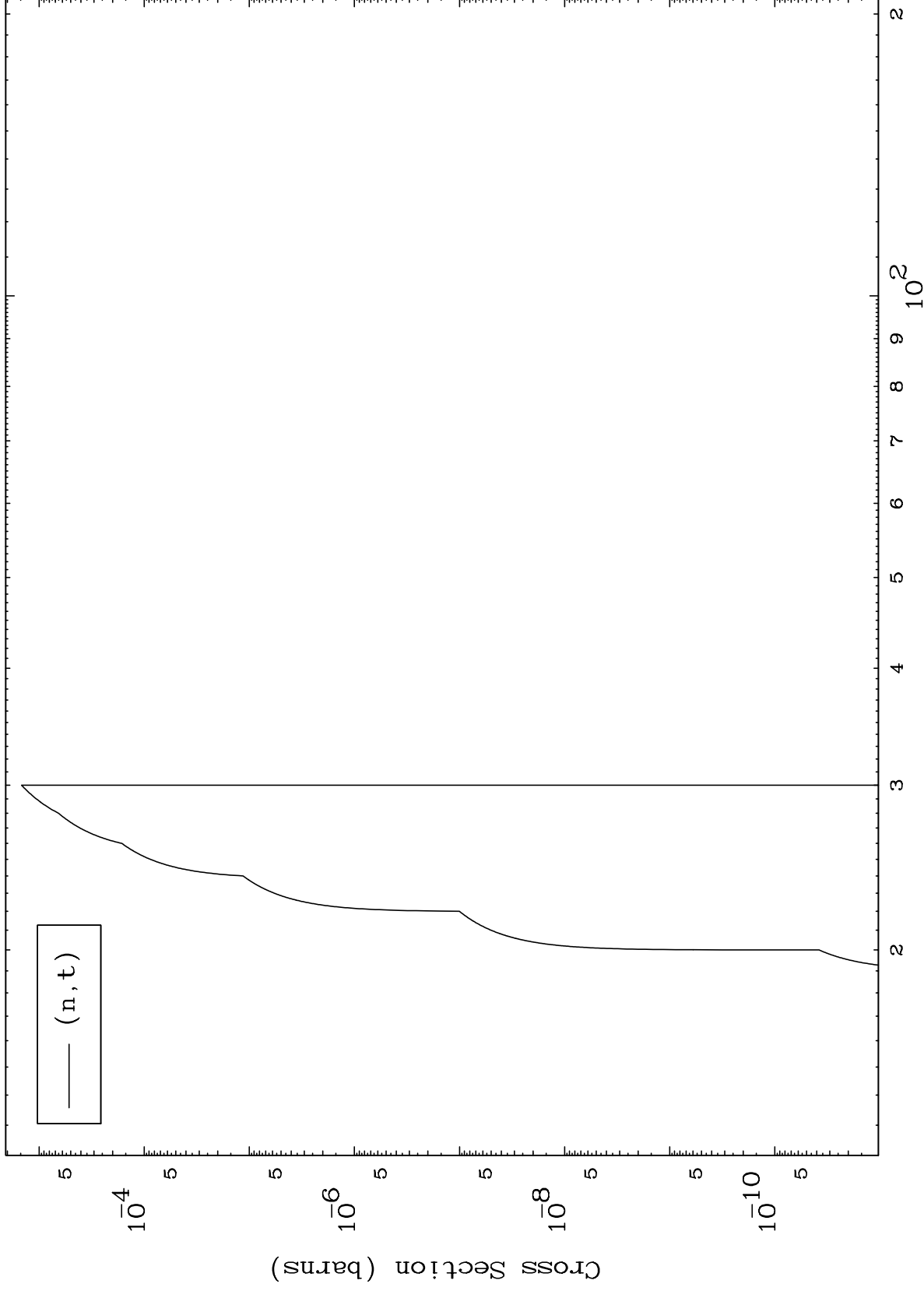
79-Au-197m



MAT 7926

(α, t) Levels
0 Kelvin Cross Sections

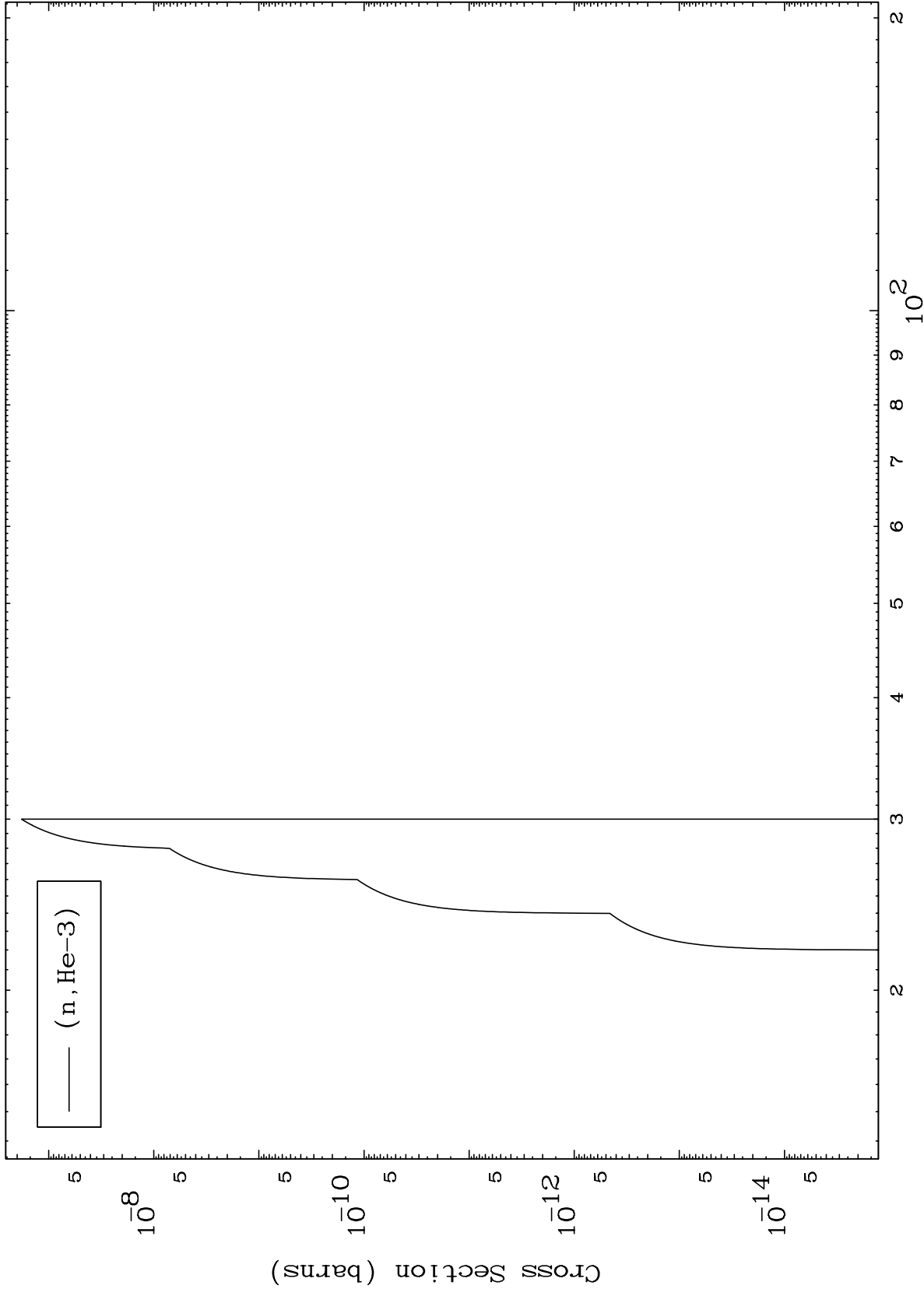
79-Au-197m



MAT 7926

(α , He3) Levels
0 Kelvin Cross Sections

79-Au-197m

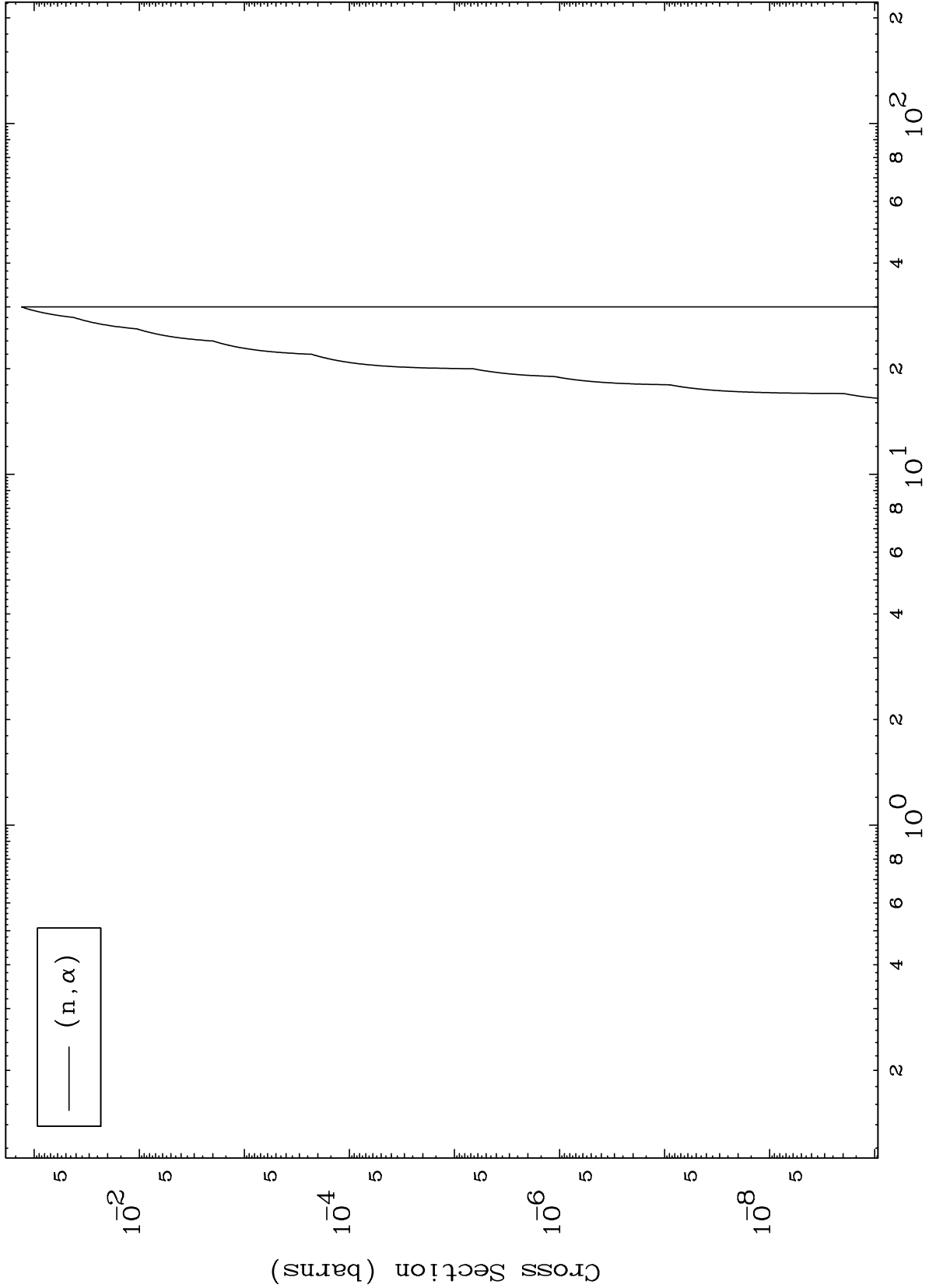


MAT 7926

(α, α) Levels

79-Au-197m

0 Kelvin Cross Sections

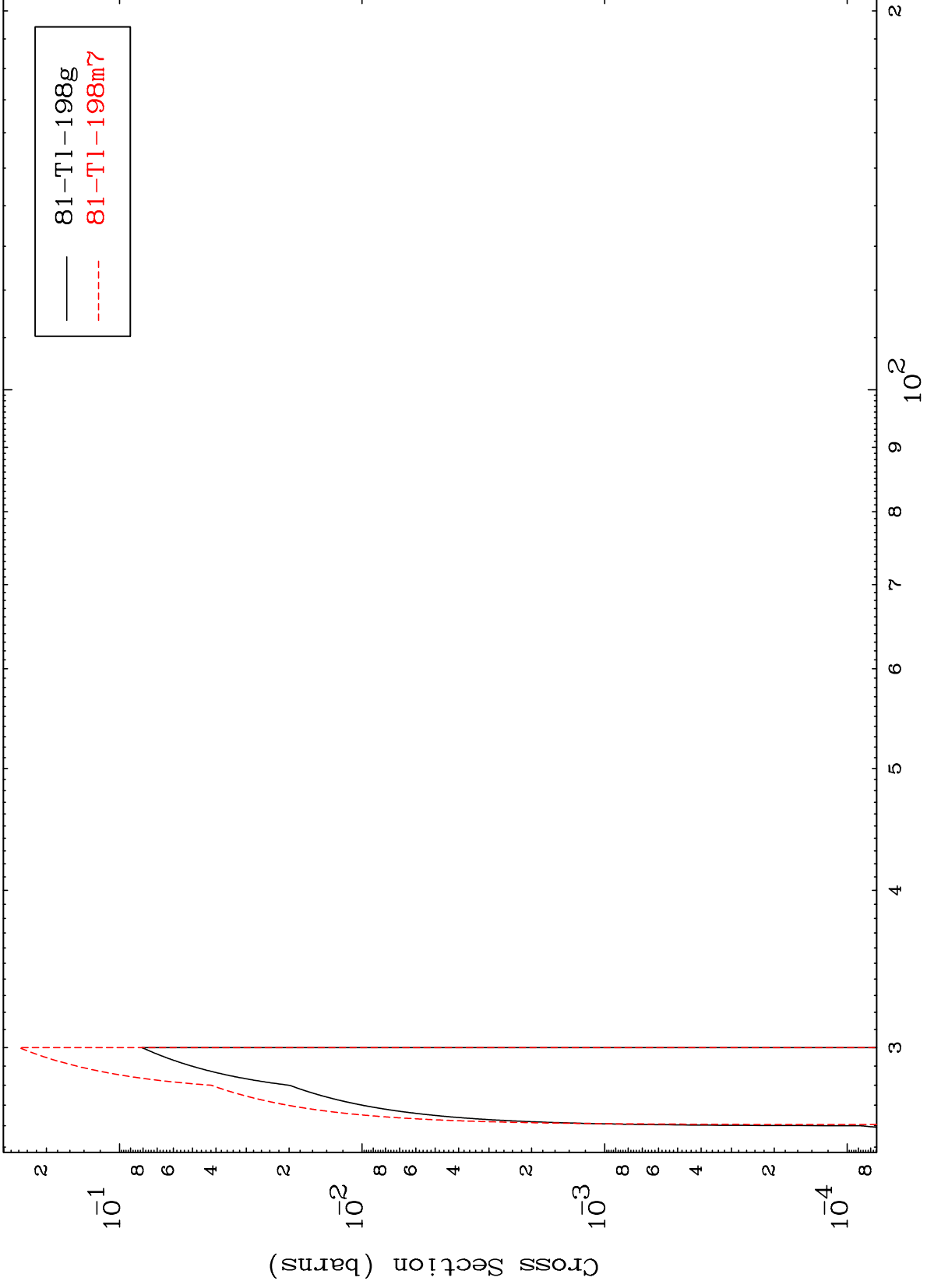


MAT 7926

(n,3n)

⁷⁹Au-197m

Radionuclide Production Cross Section



10

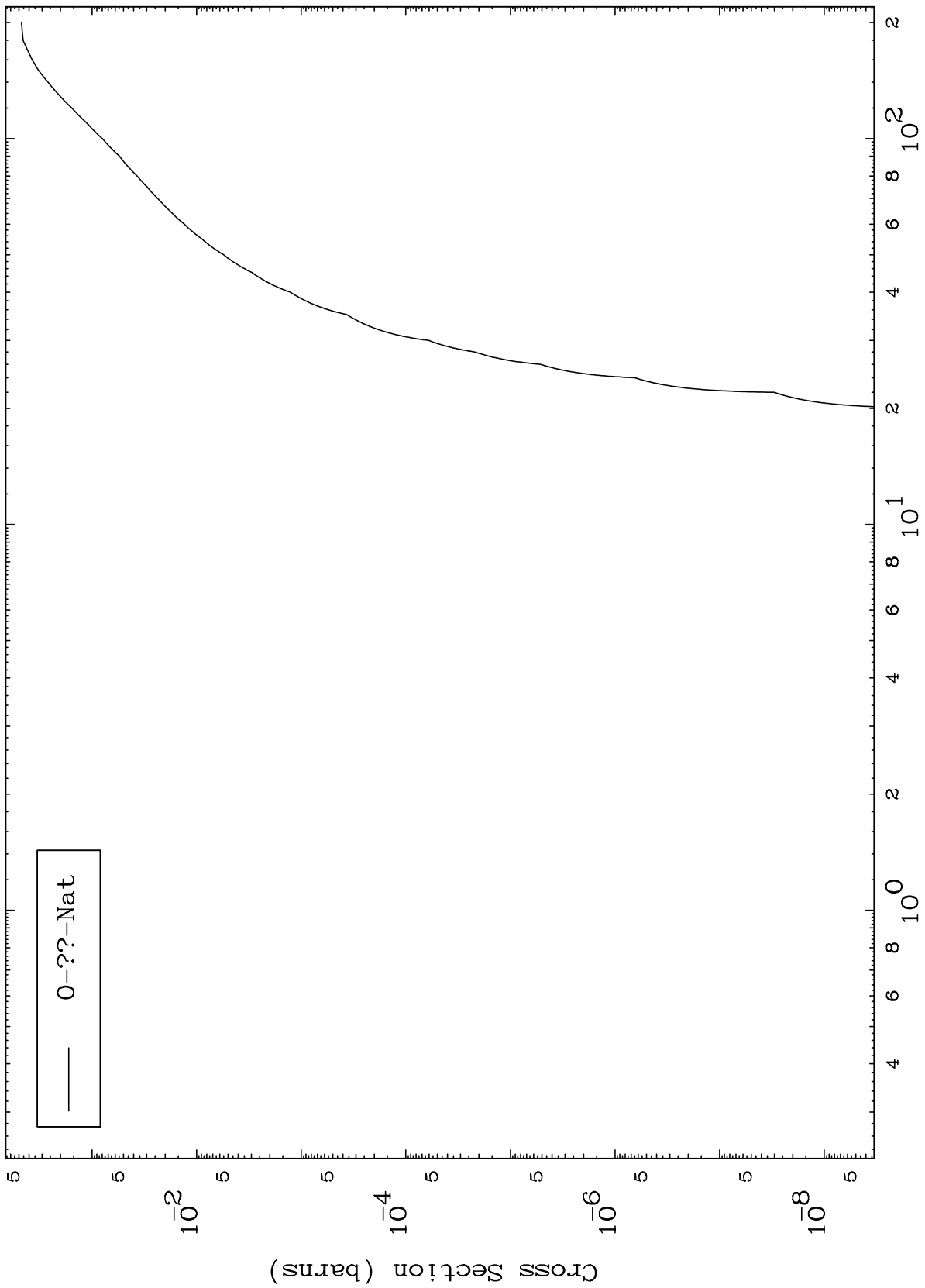
Incident Energy (MeV)

⁷⁹Au-197m

MAT 7926

Fission
Radionuclide Production Cross Section

⁷⁹Au-197m

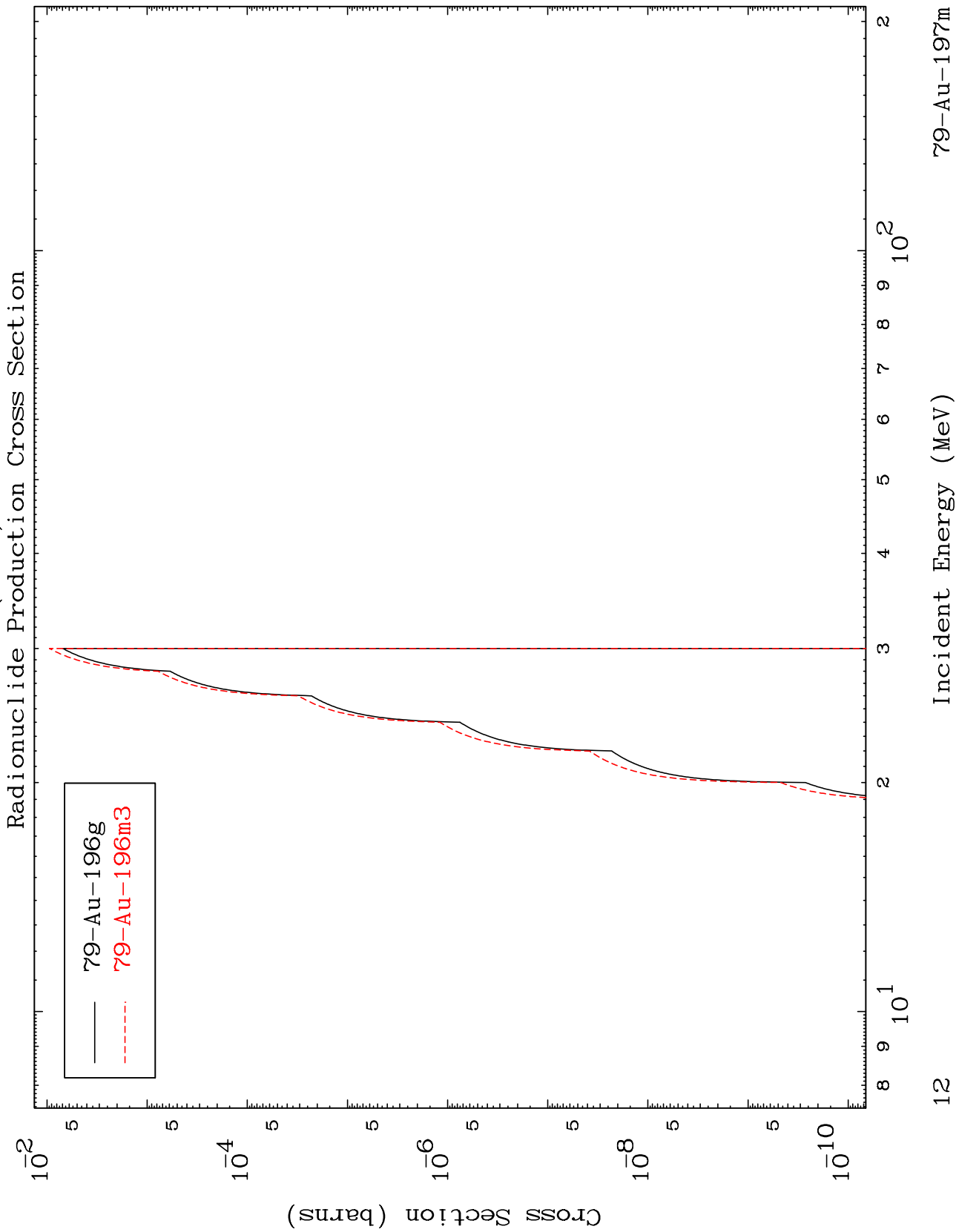


⁷⁹Au-197m

MAT 7926

$(n, n') \alpha$

$^{79}\text{Au}-197\text{m}$

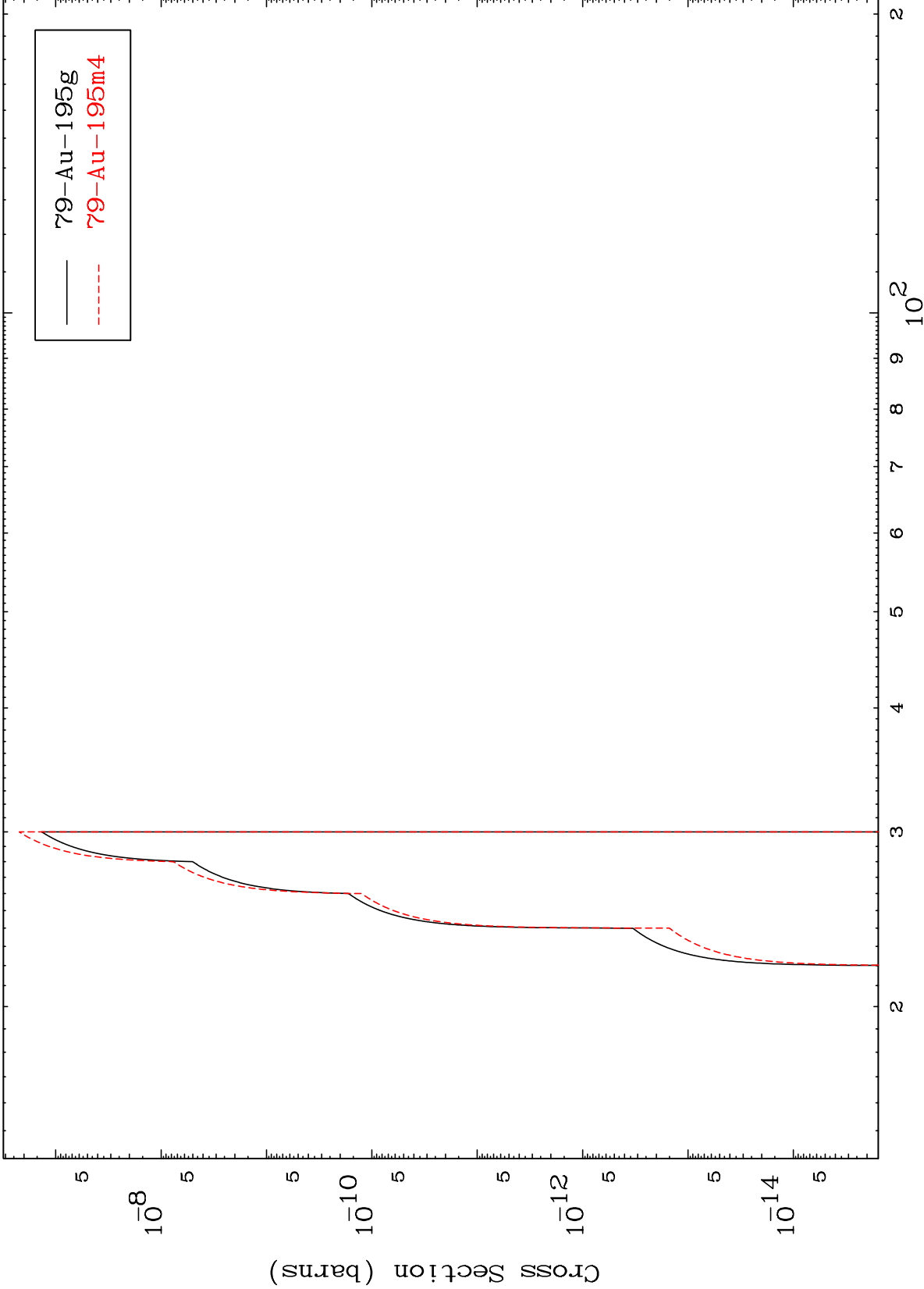


MAT 7926

$(n,2n) \alpha$

$^{79}\text{Au-197m}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

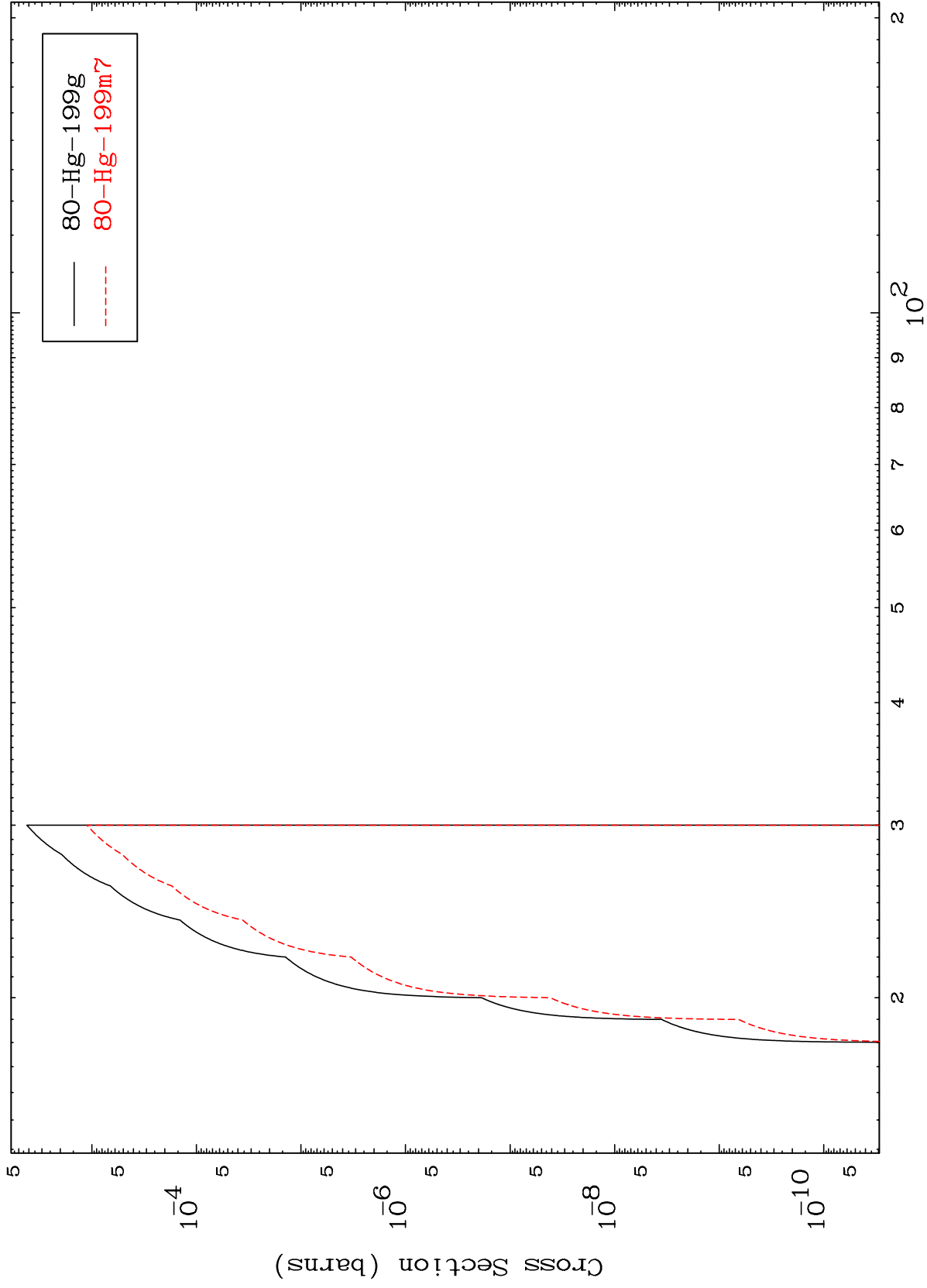
$^{79}\text{Au-197m}$

MAT 7926

(n, n') p

⁷⁹Au-197m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

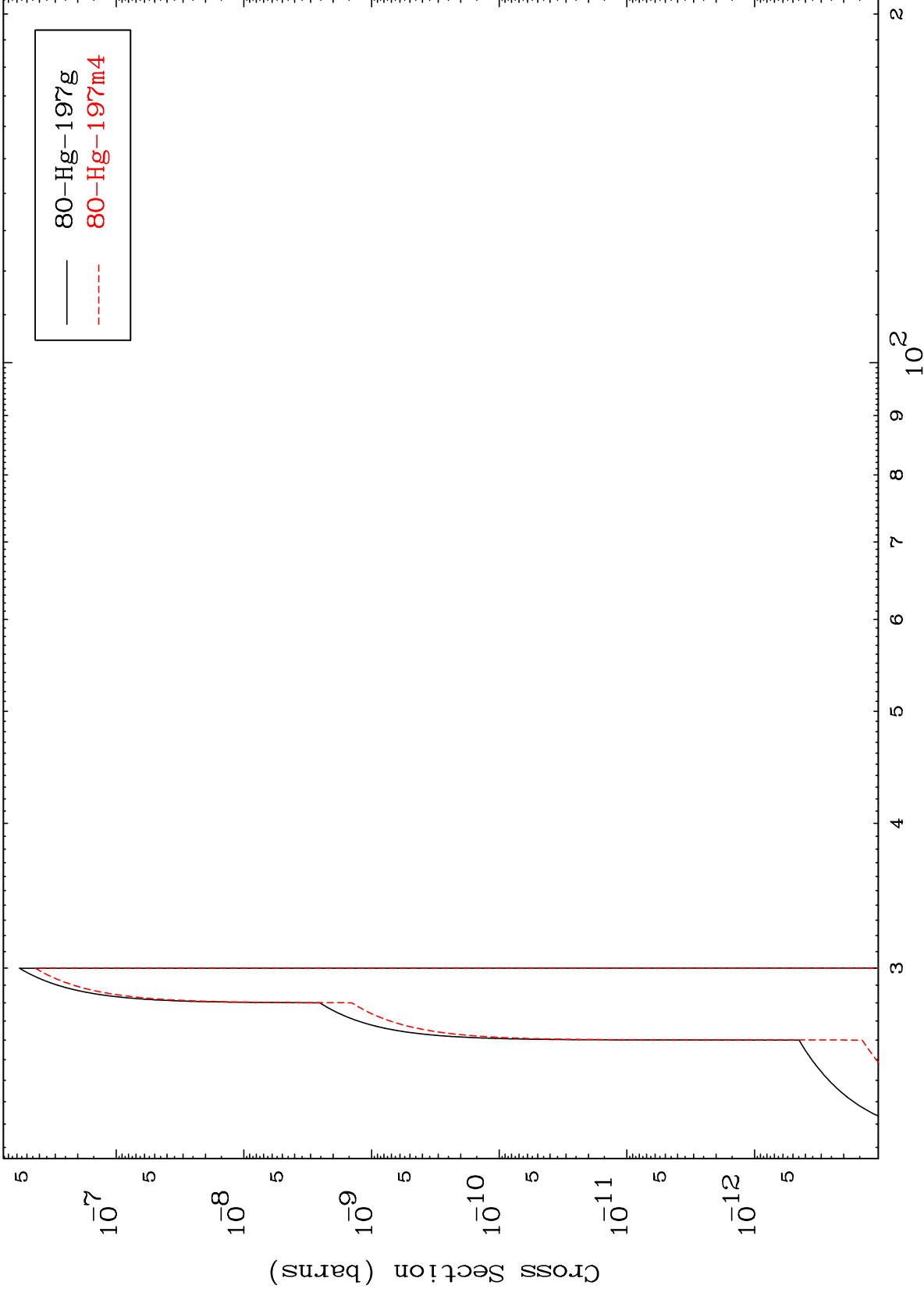
⁷⁹Au-197m

MAT 7926

(n,n') t

79-Au-197m

Radionuclide Production Cross Section



15

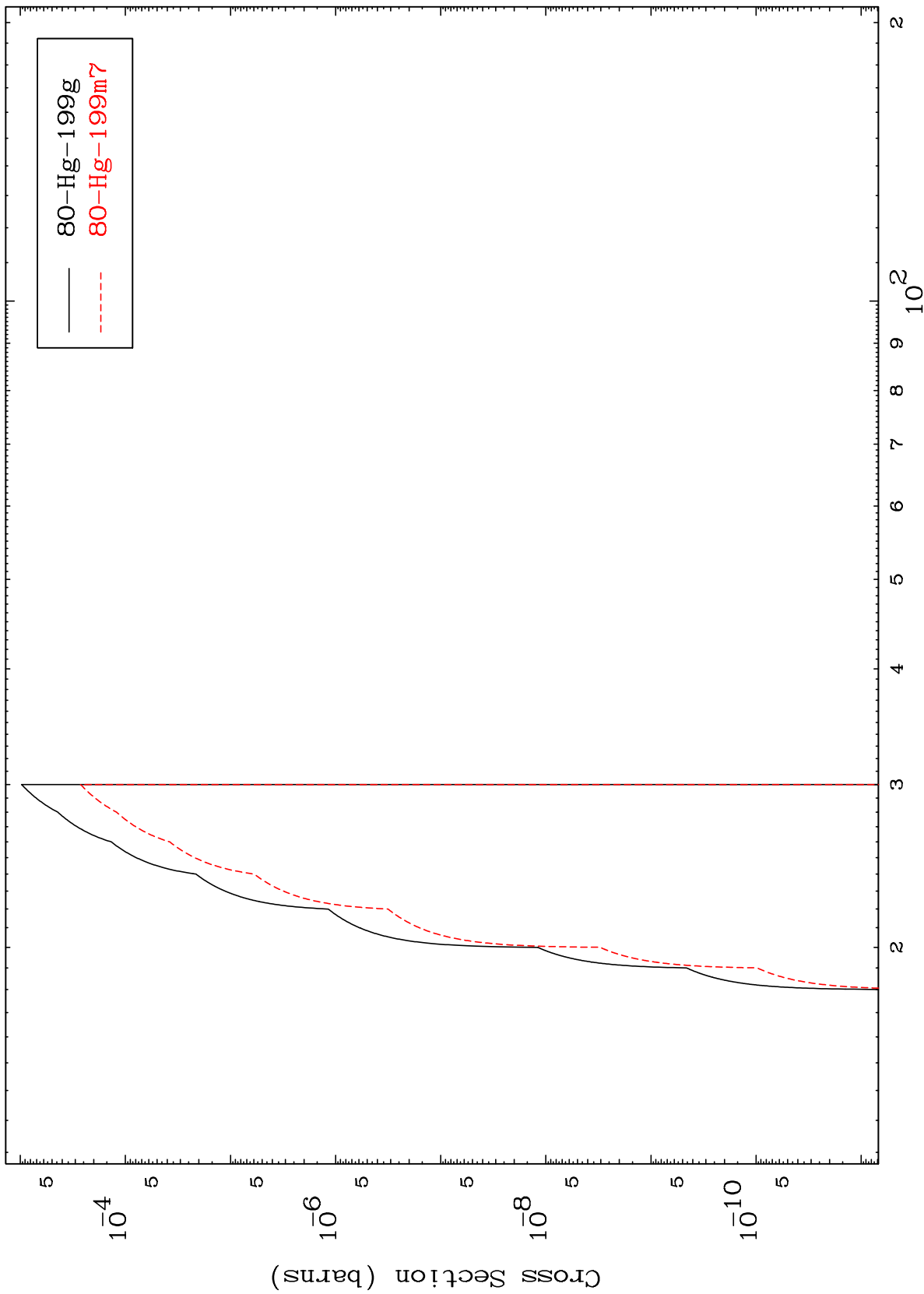
Incident Energy (MeV)

79-Au-197m

MAT 7926

79-Au-197m

(n,d)
Radionuclide Production Cross Section



16

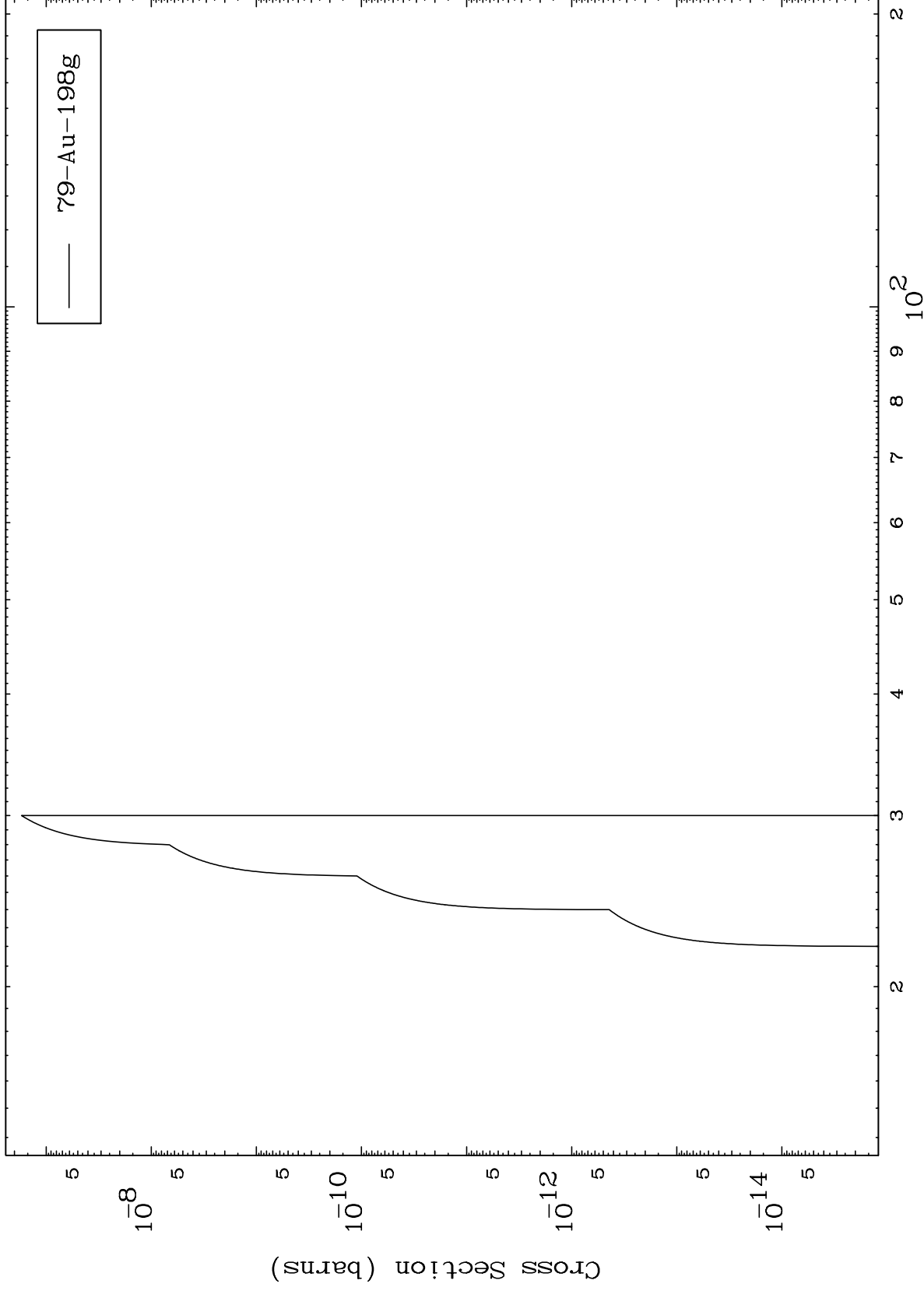
Incident Energy (MeV)

79-Au-197m

MAT 7926

⁷⁹Au-197m

(n,He-3)
Radionuclide Production Cross Section



— ⁷⁹Au-198g

17

⁷⁹Au-197m

Incident Energy (MeV)

MAT 7926

⁷⁹Au-197m

