

Program EVALPLOT
(Version 2021-1)

by

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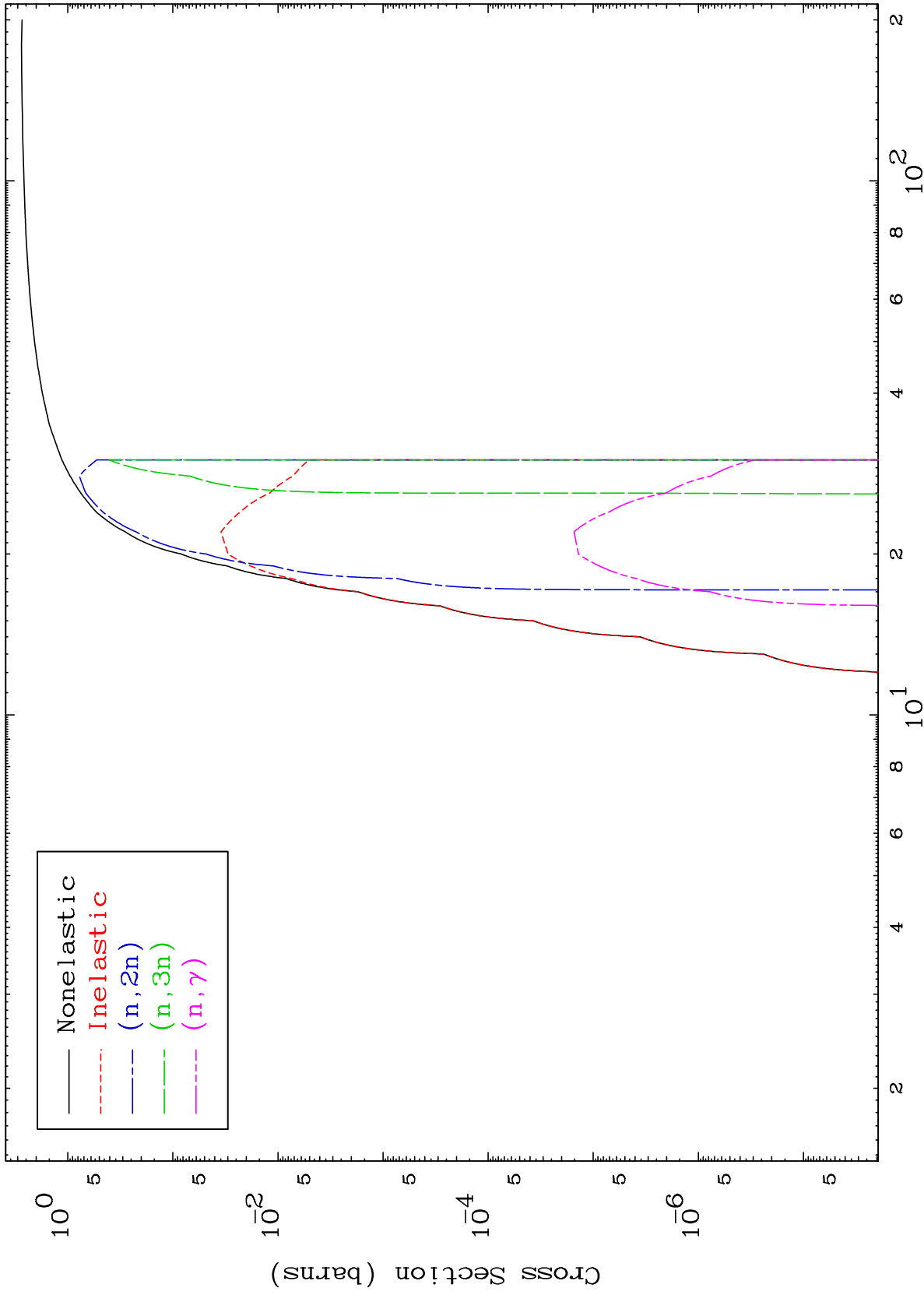
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7925

0 Kelvin Cross Sections

79-Au-197



1

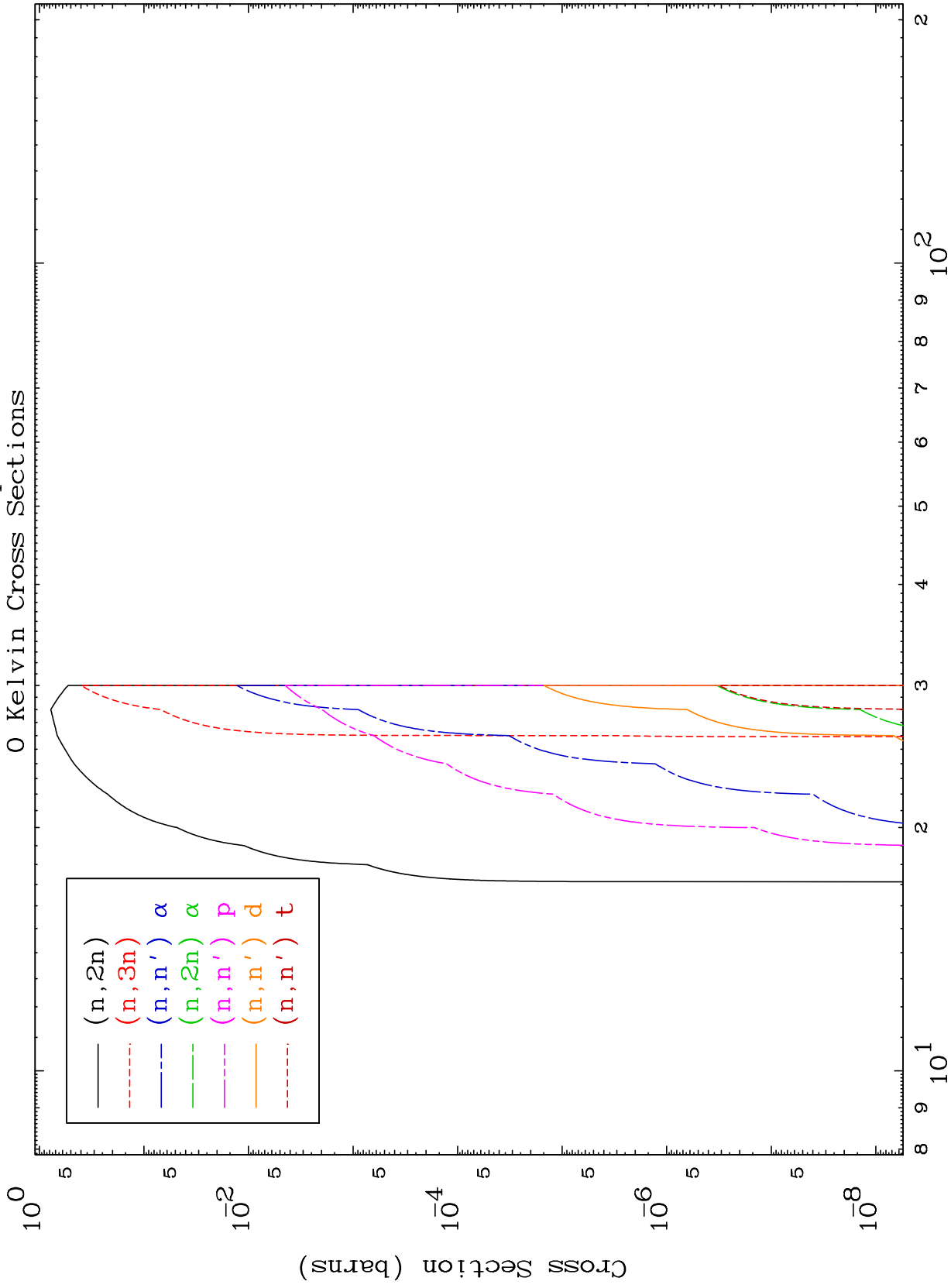
Incident Energy (MeV)

79-Au-197

MAT 7925

α Neutron Absorption
0 Kelvin Cross Sections

79-Au-197



2

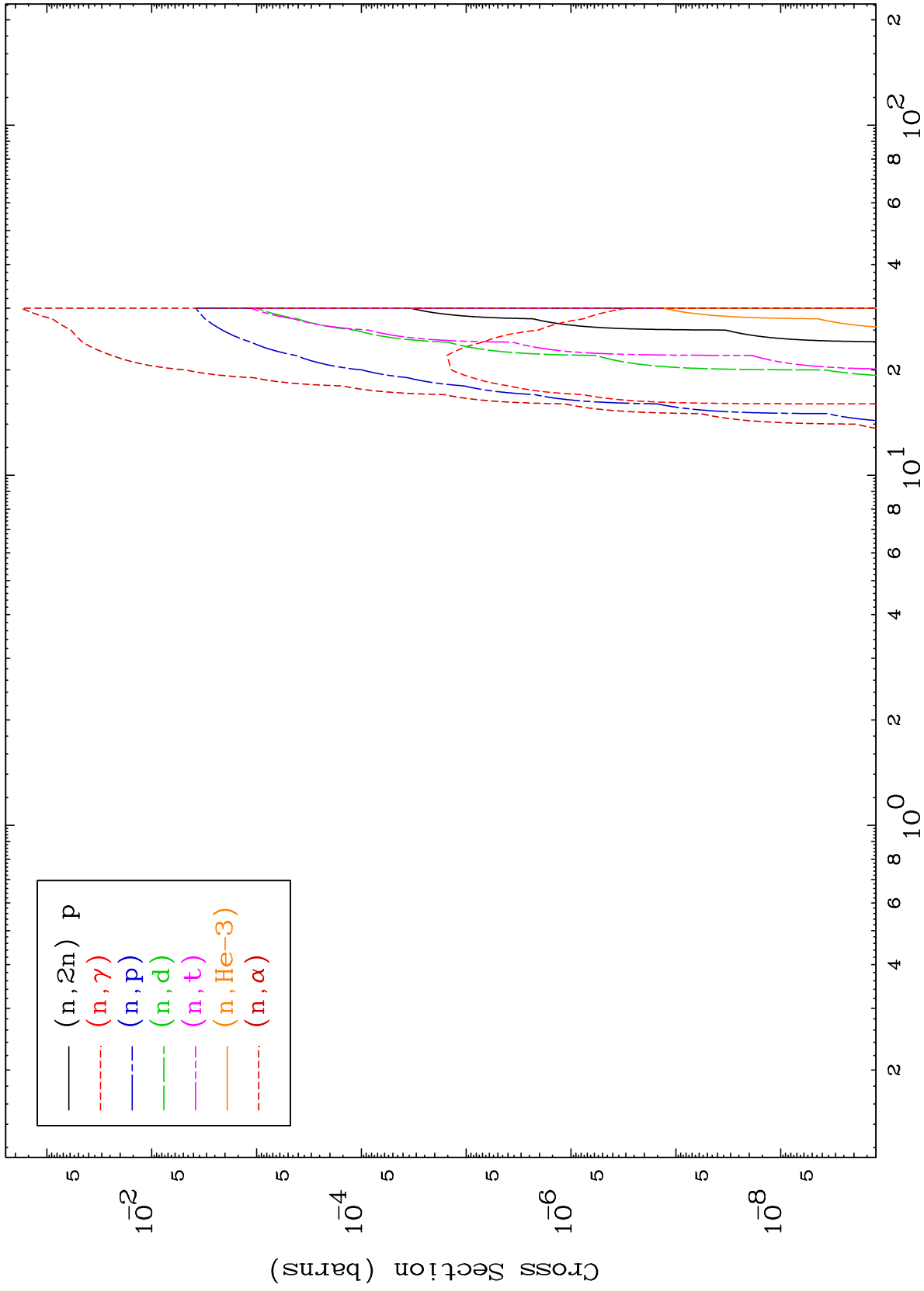
Incident Energy (MeV)

79-Au-197

MAT 7925

α Neutron Absorption
0 Kelvin Cross Sections

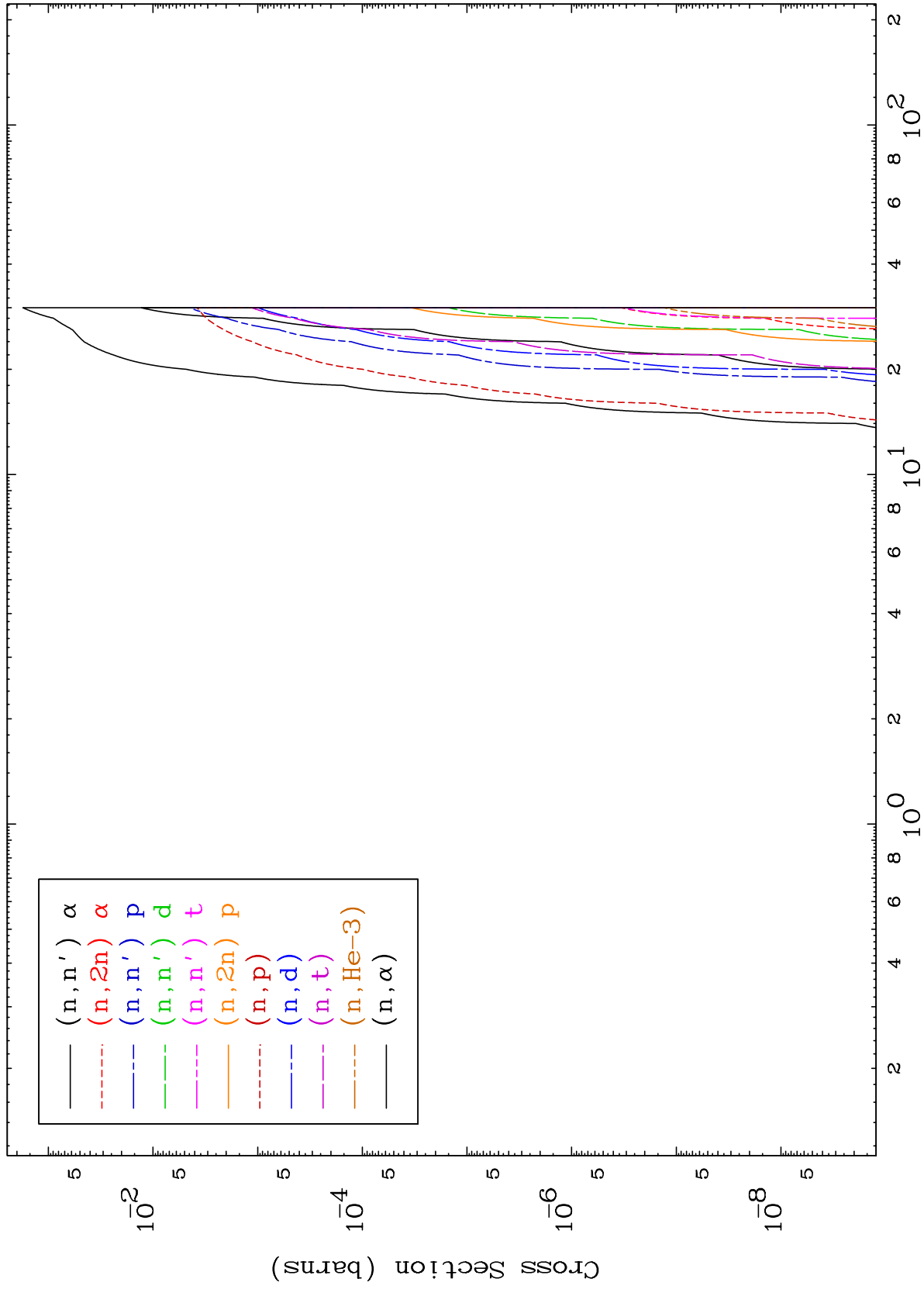
79-Au-197



3

Incident Energy (MeV)

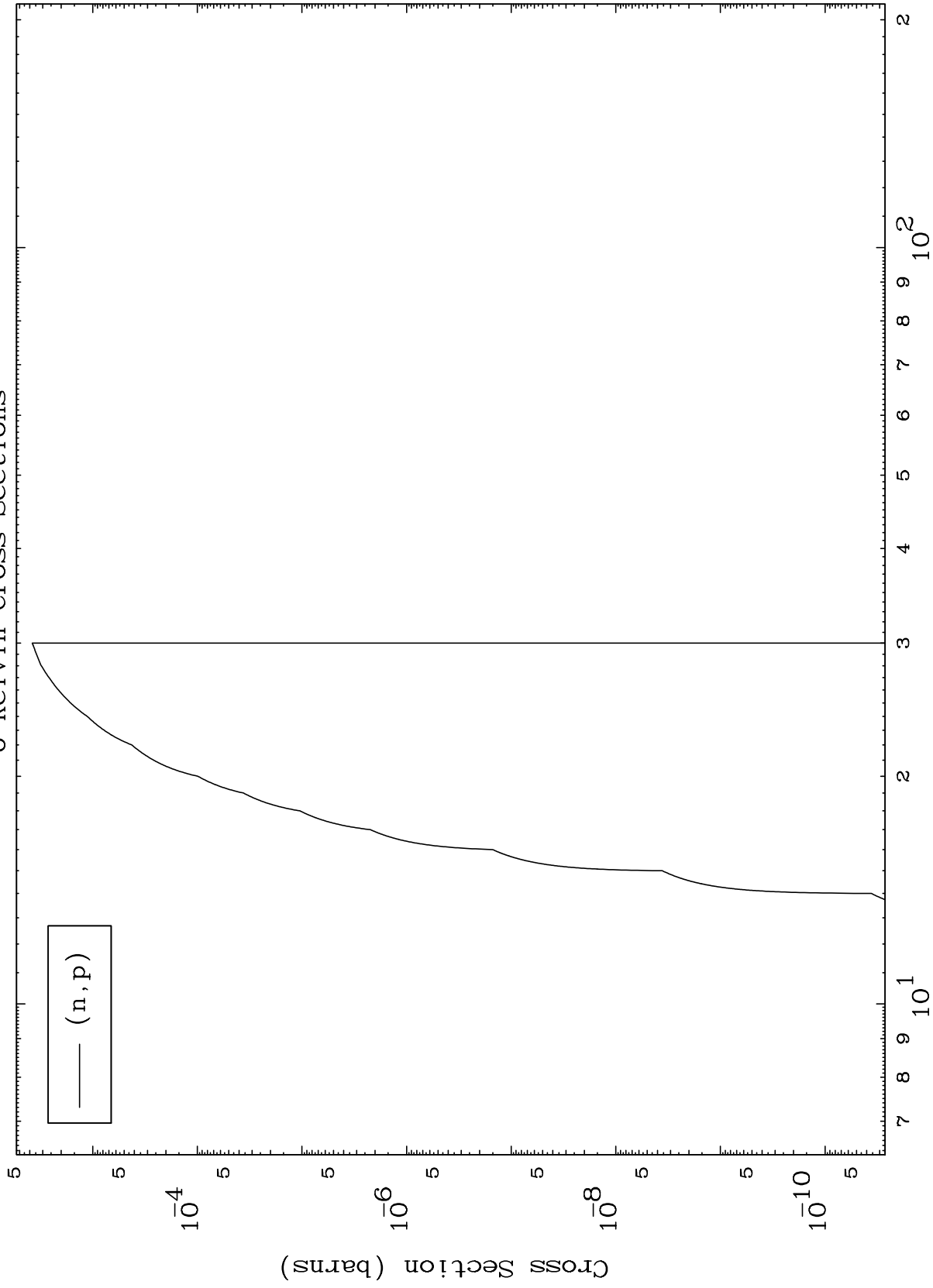
79-Au-197



MAT 7925

(α, p) Levels
0 Kelvin Cross Sections

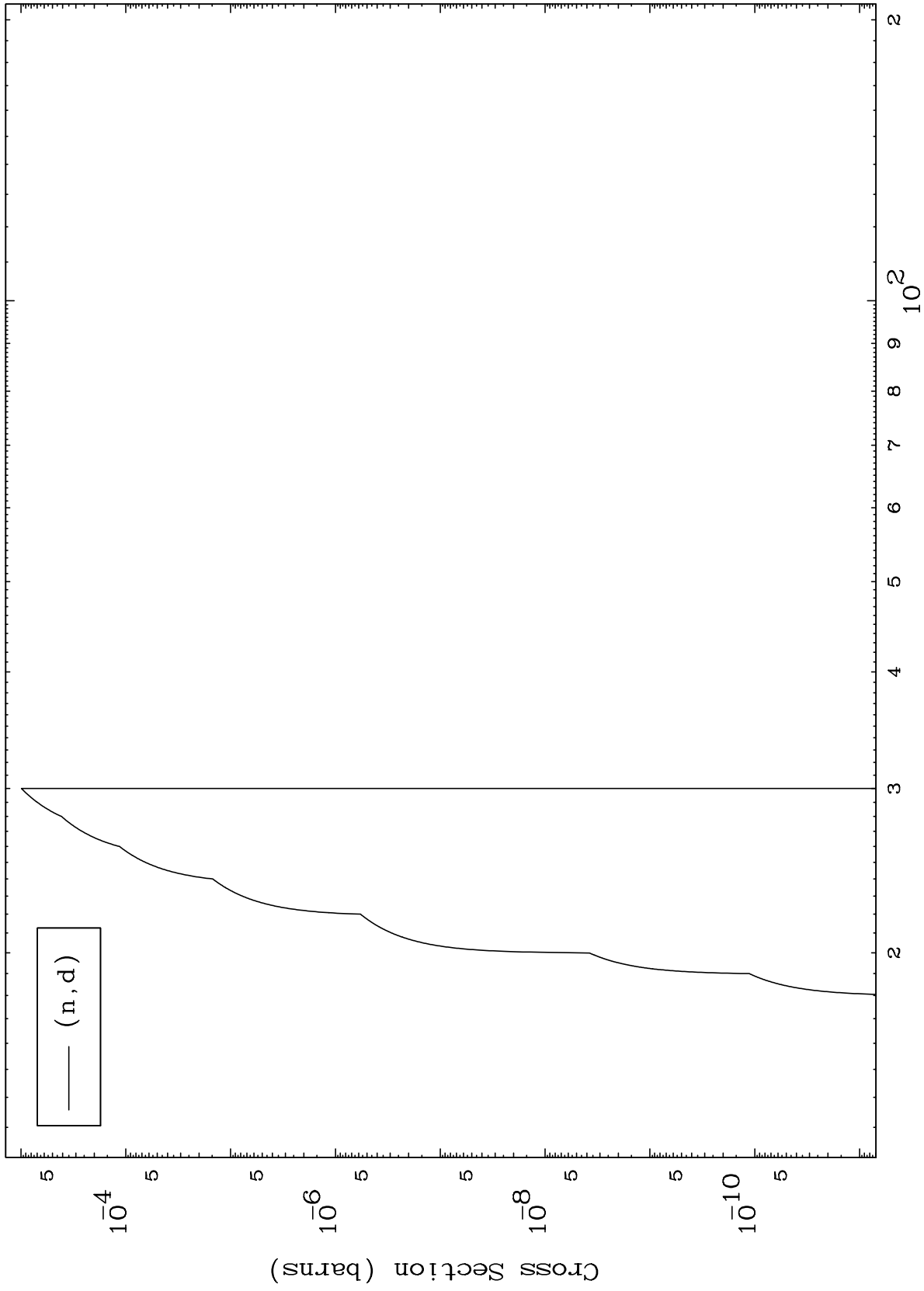
79-Au-197



5

Incident Energy (MeV)

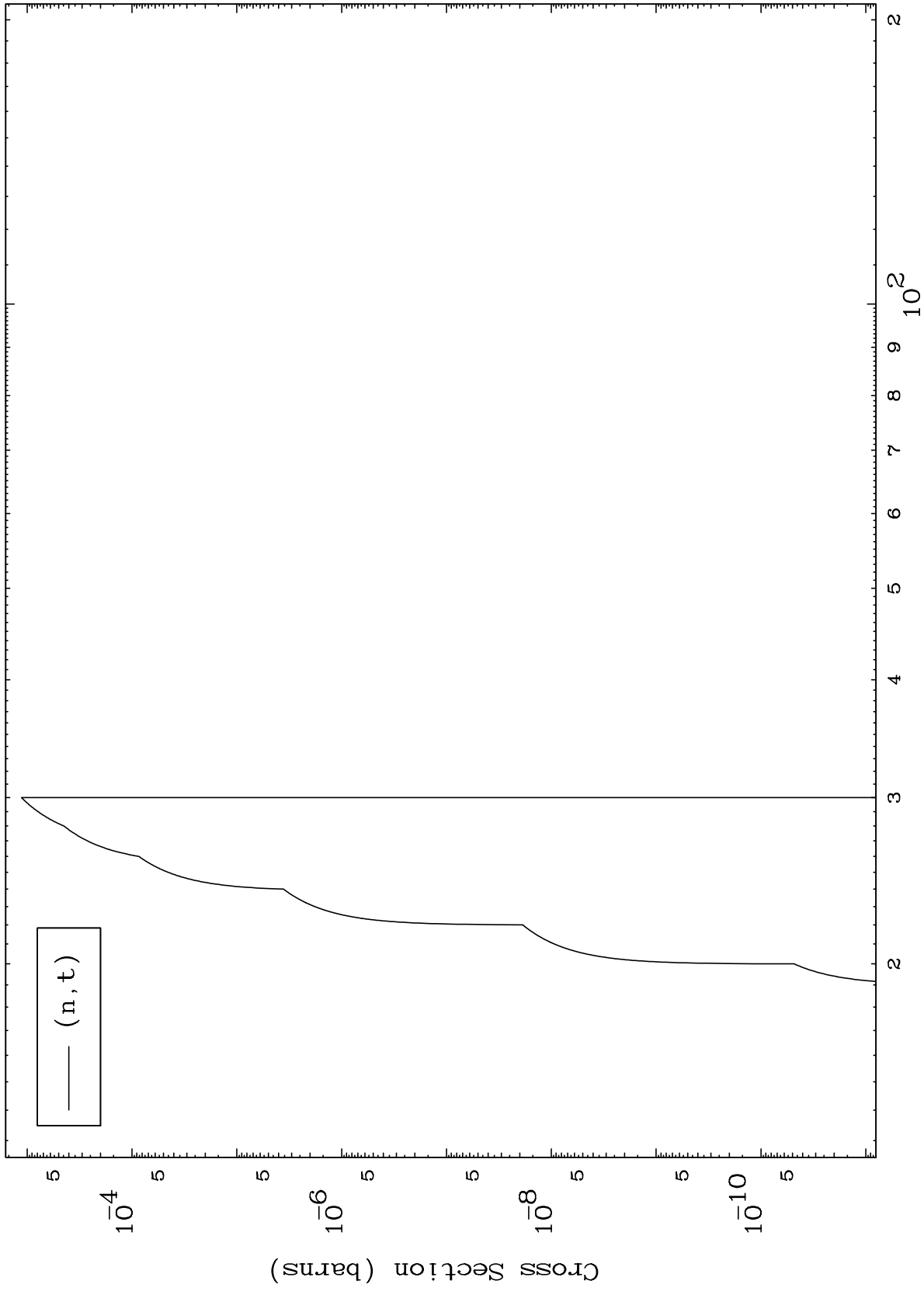
79-Au-197



MAT 7925

(α, t) Levels
0 Kelvin Cross Sections

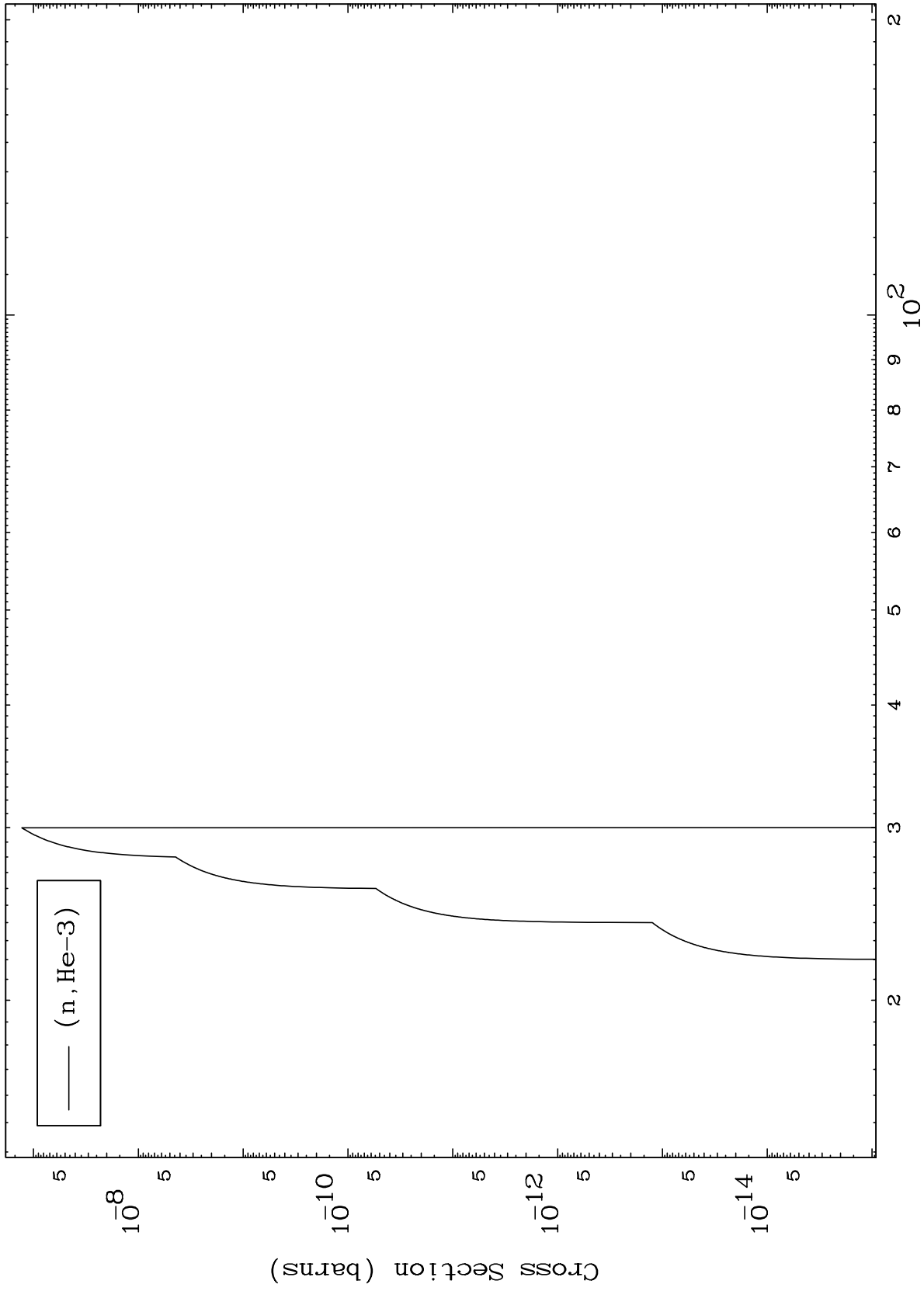
79-Au-197



7

Incident Energy (MeV)

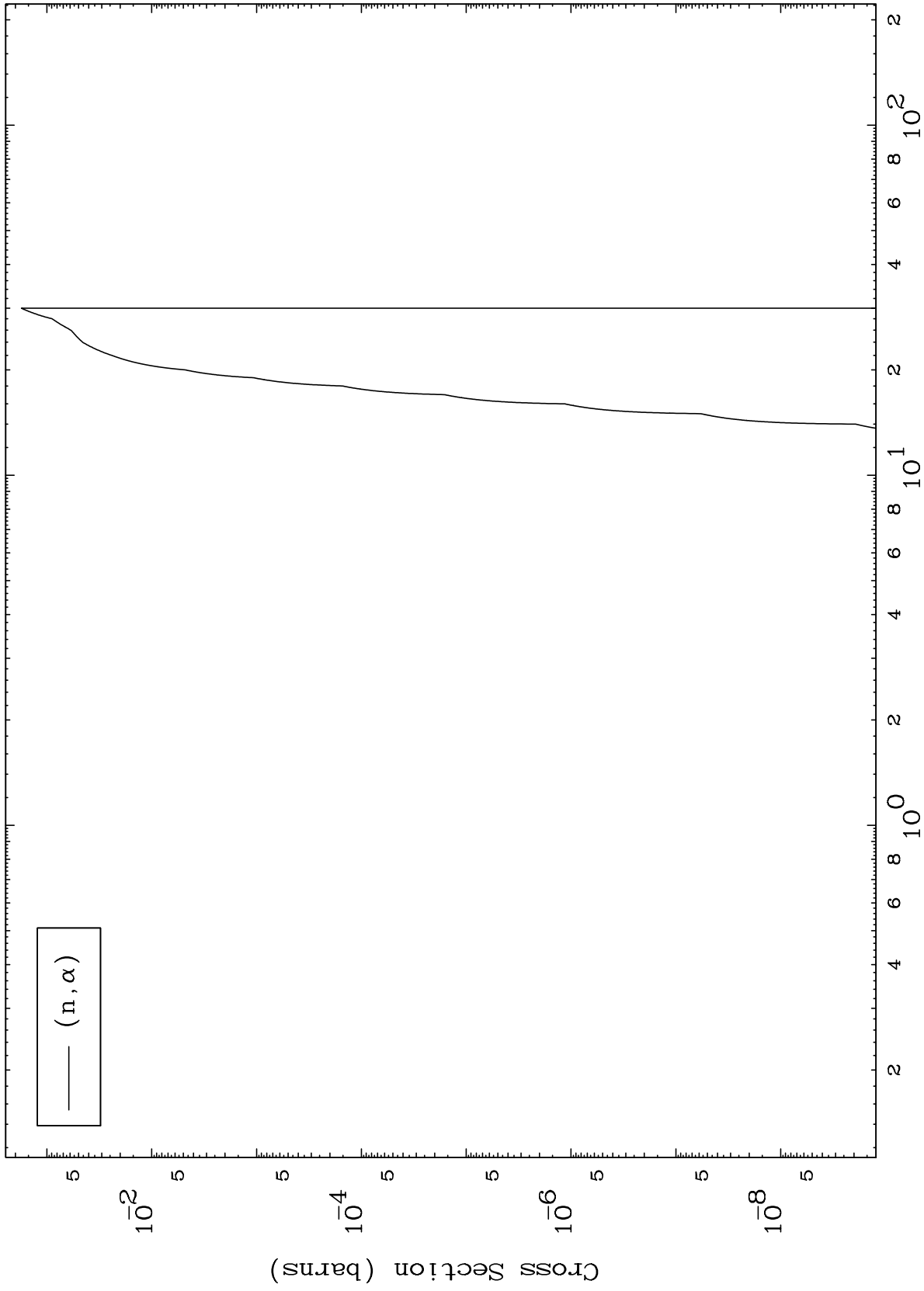
79-Au-197



MAT 7925

(α, α) Levels
0 Kelvin Cross Sections

79-Au-197



9

Incident Energy (MeV)

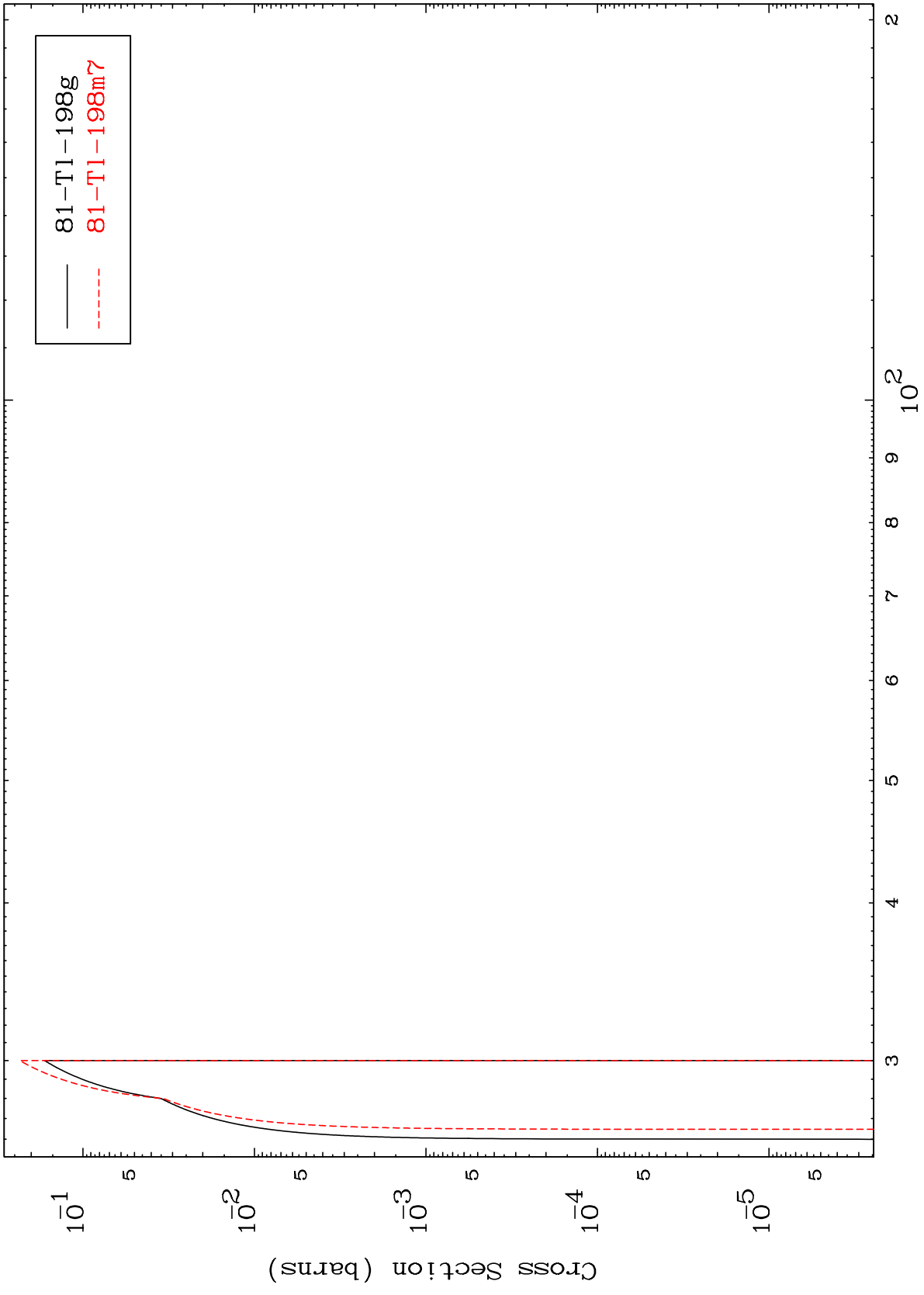
79-Au-197

MAT 7925

(n,3n)

79-Au-197

Radionuclide Production Cross Section



10

Incident Energy (MeV)

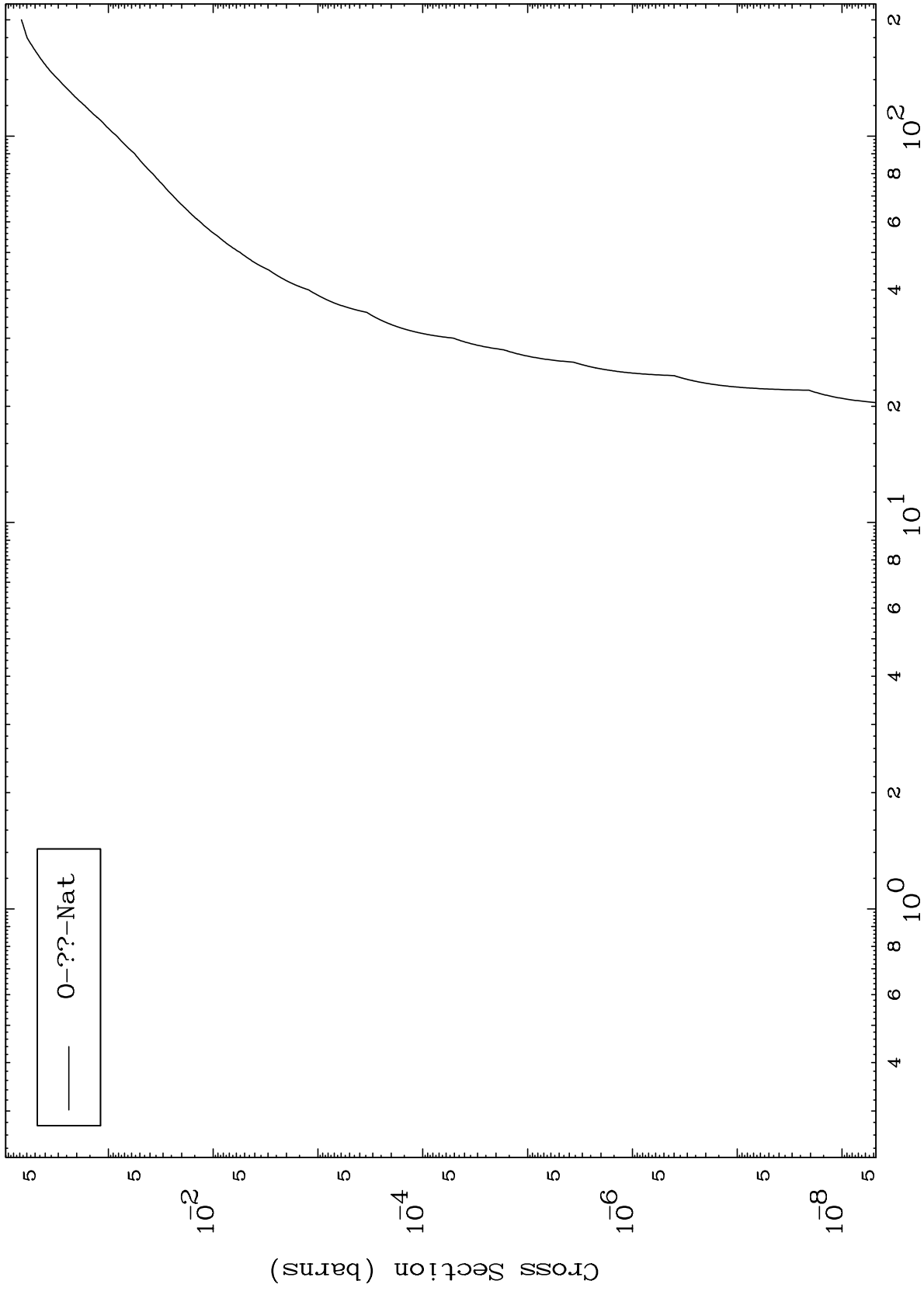
79-Au-197

MAT 7925

Fission

⁷⁹Au-197

Radionuclide Production Cross Section

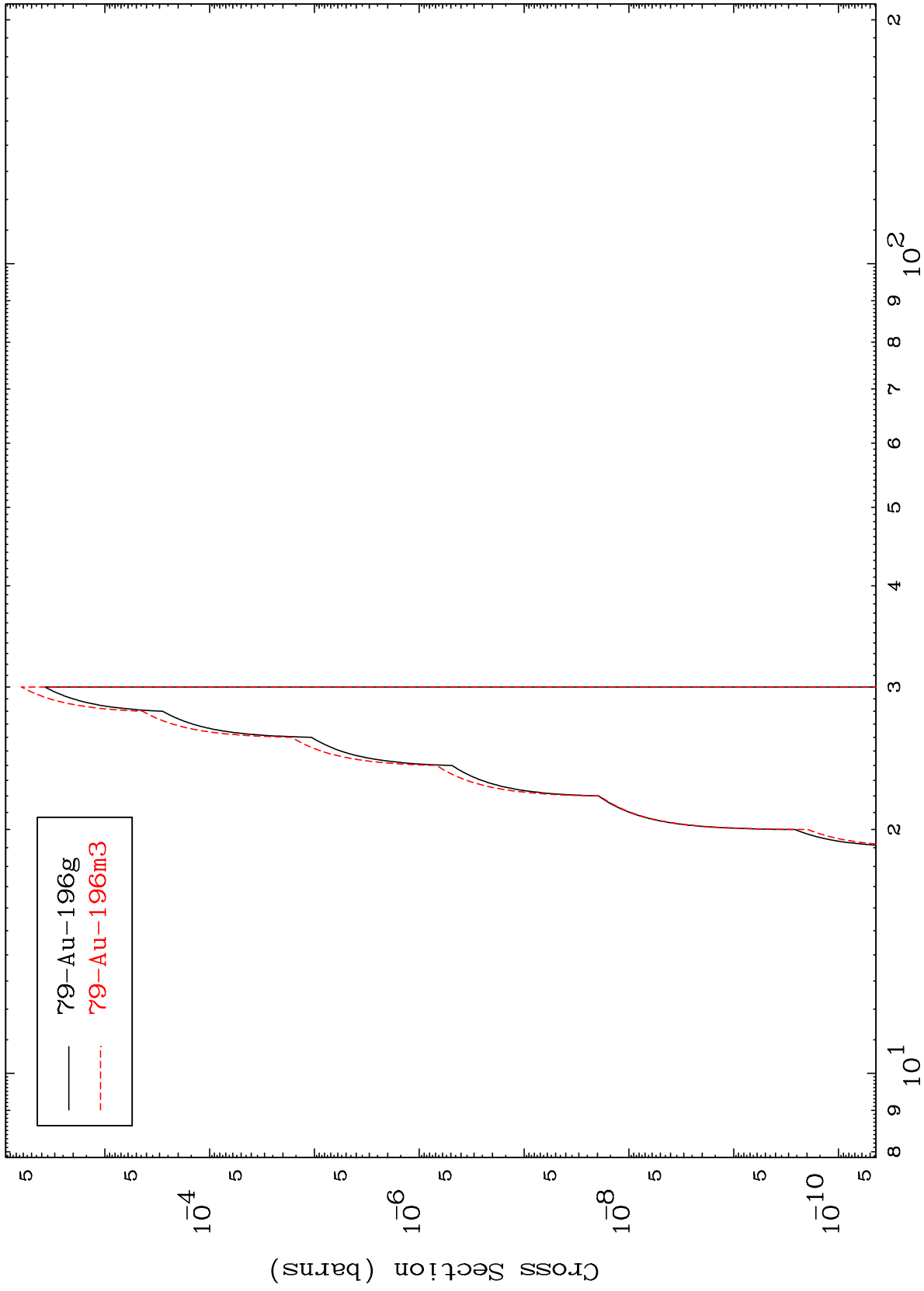


MAT 7925

(n,n') α

79-Au-197

Radionuclide Production Cross Section



79-Au-196g
79-Au-196m3

12

Incident Energy (MeV)

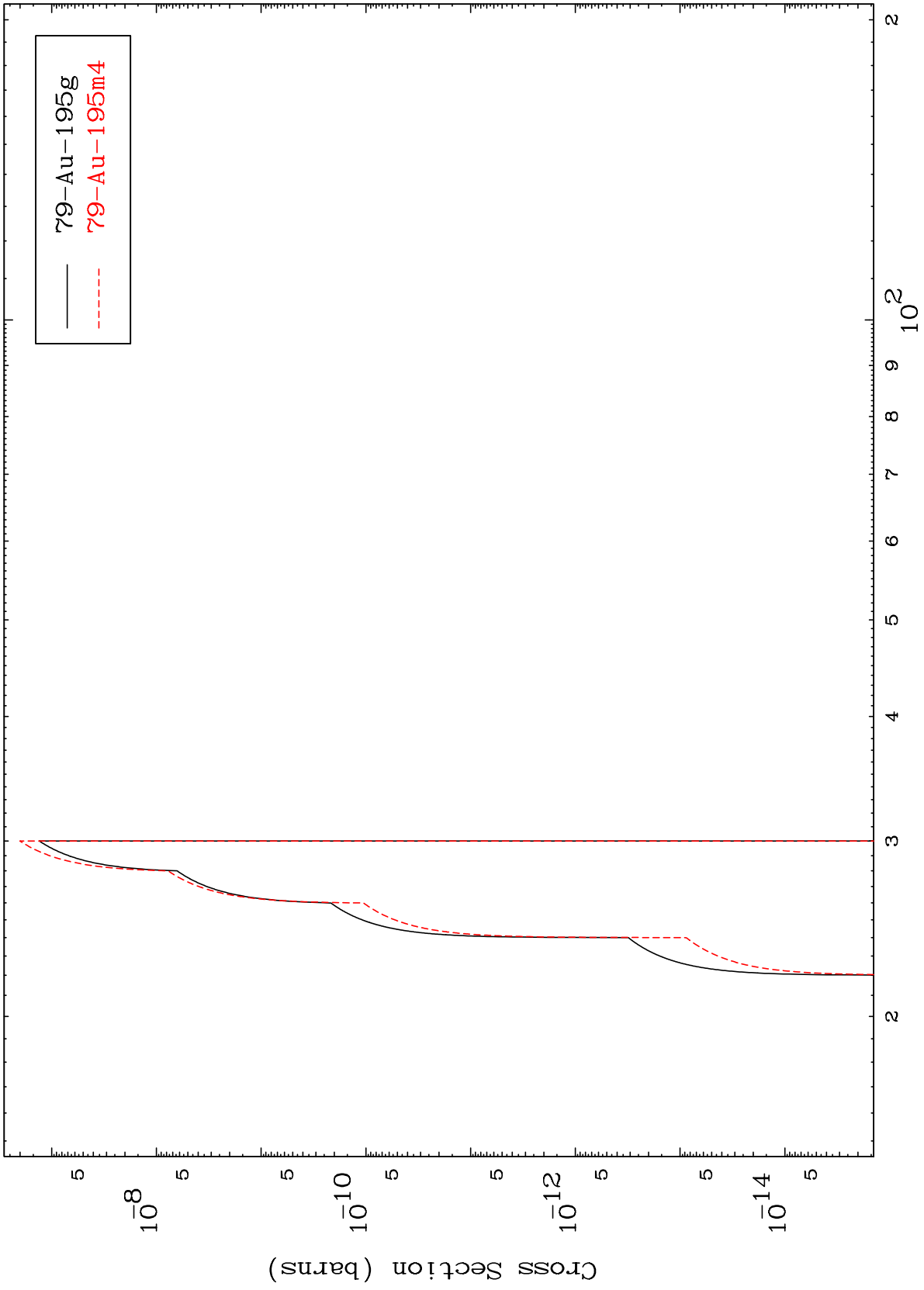
79-Au-197

MAT 7925

$(n, 2n) \alpha$

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

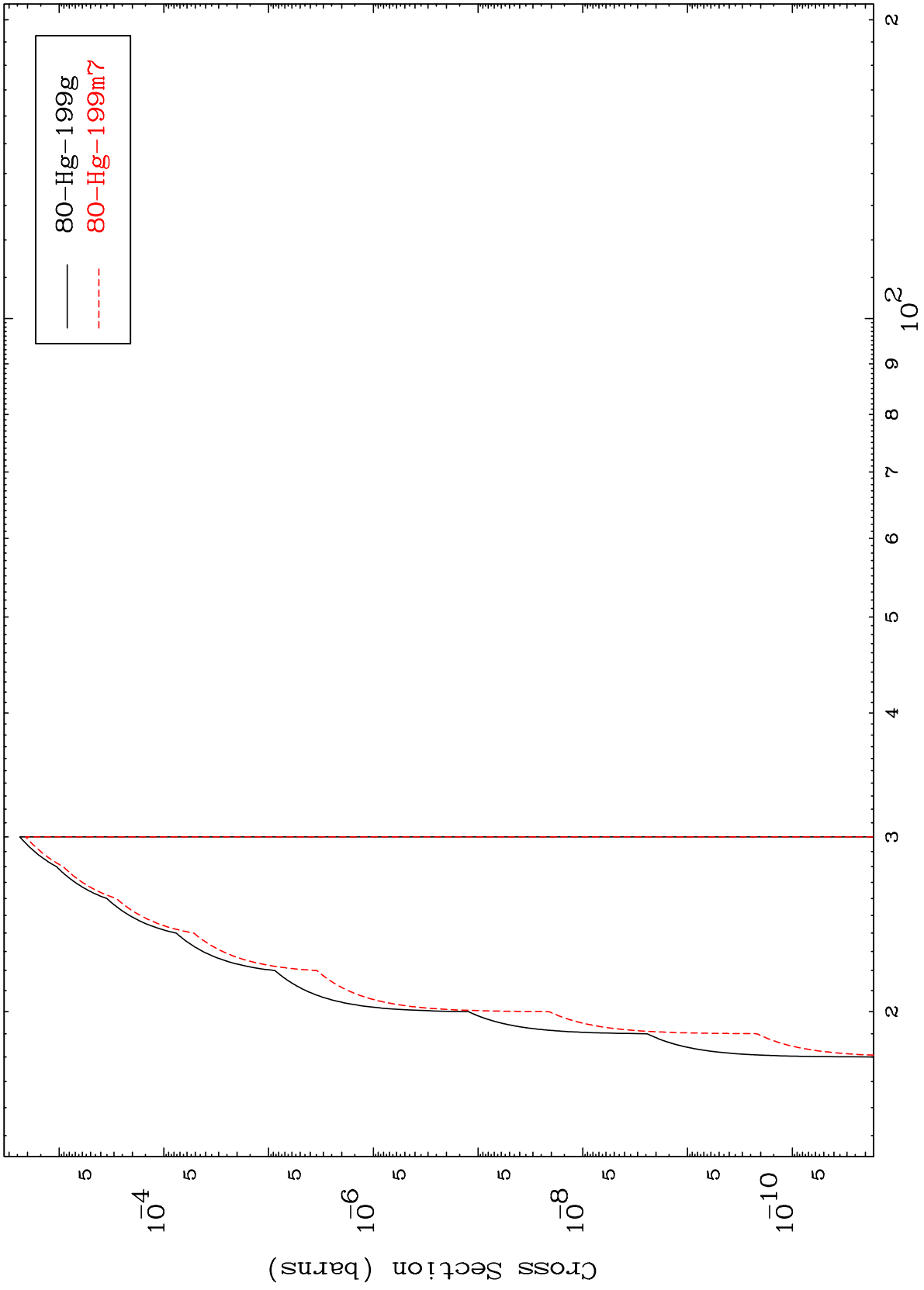
$^{79}\text{Au-197}$

MAT 7925

(n,n') p

79-Au-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

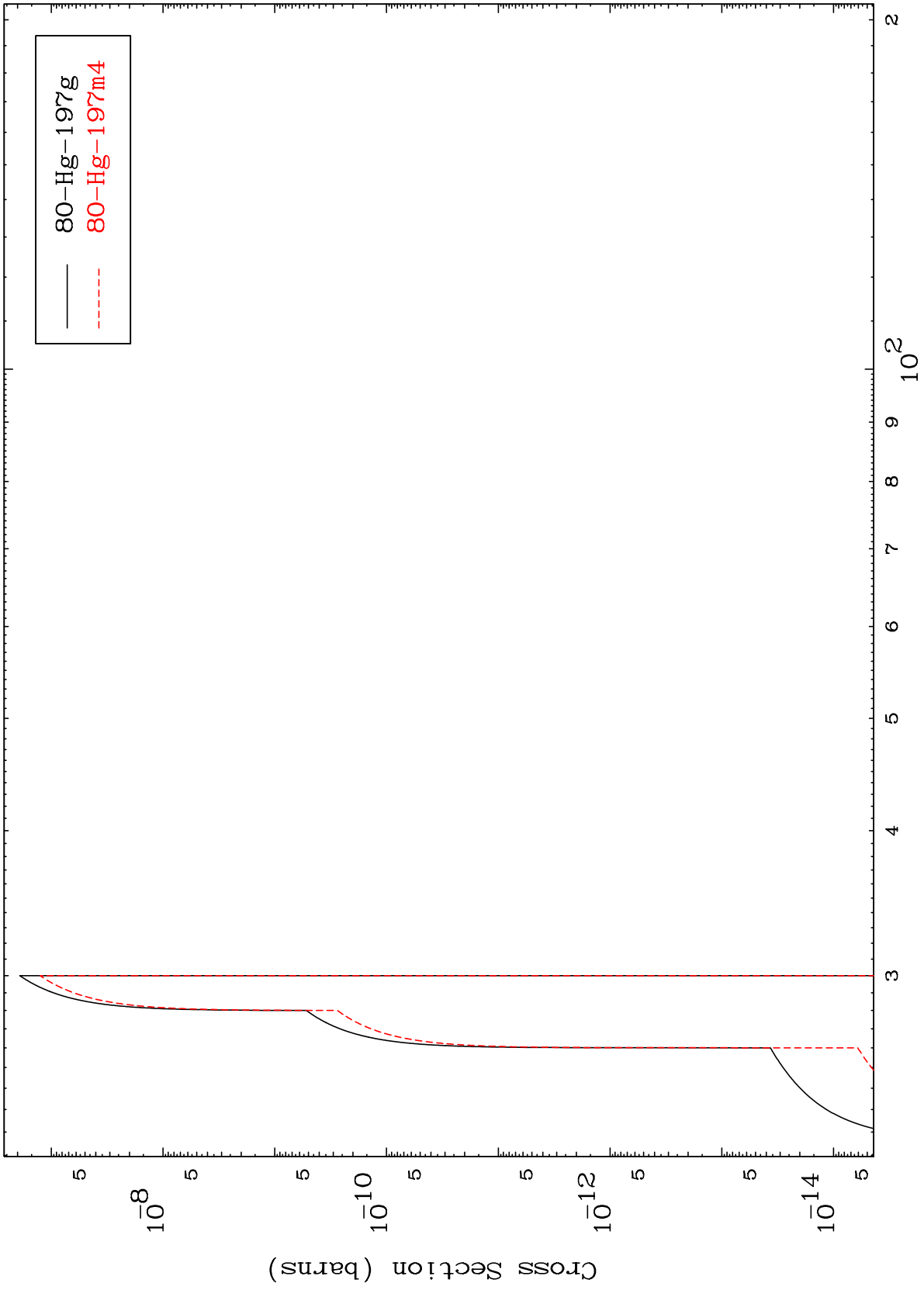
79-Au-197

MAT 7925

(n,n') t

79-Au-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

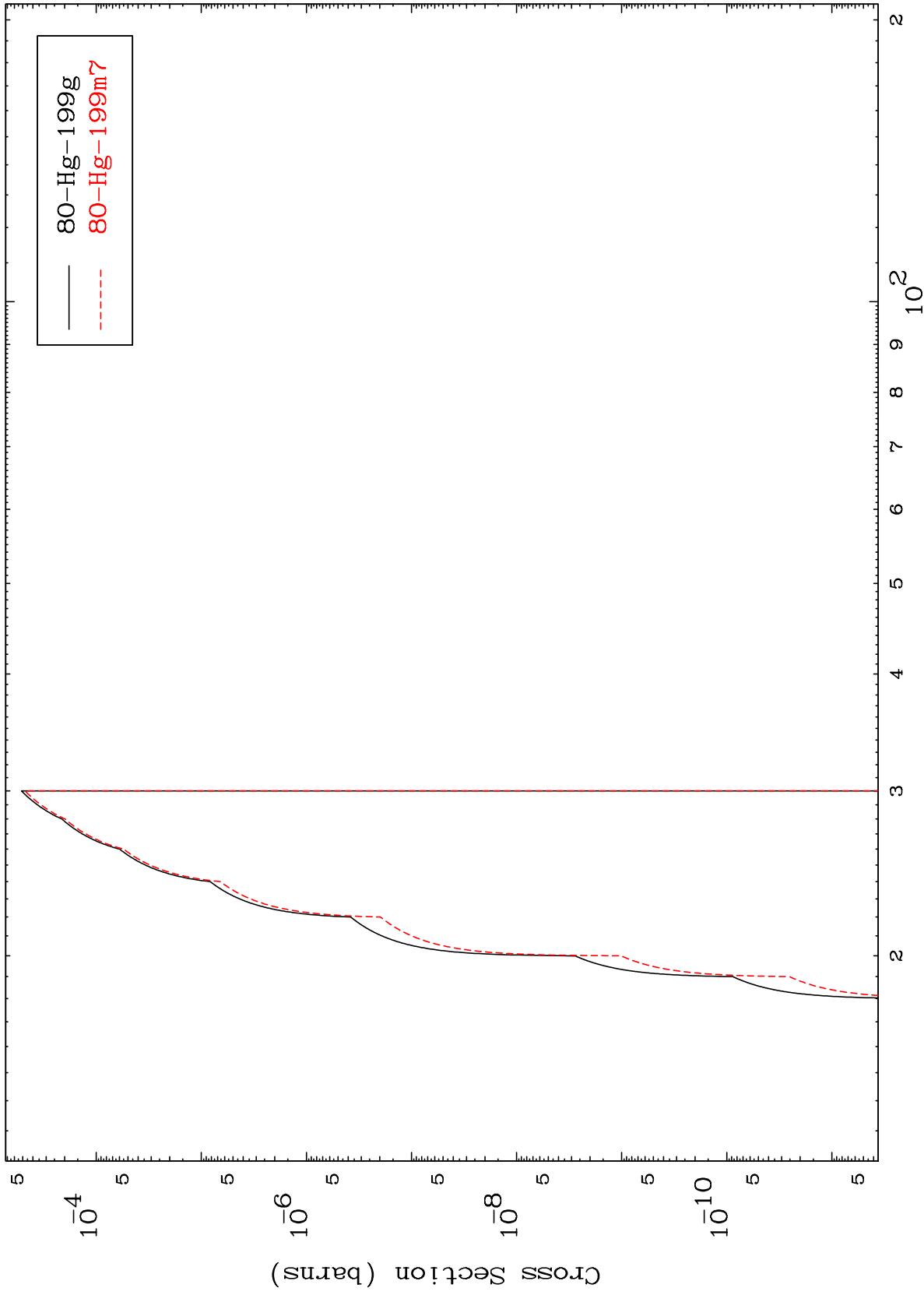
79-Au-197

MAT 7925

(n,d)

79-Au-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

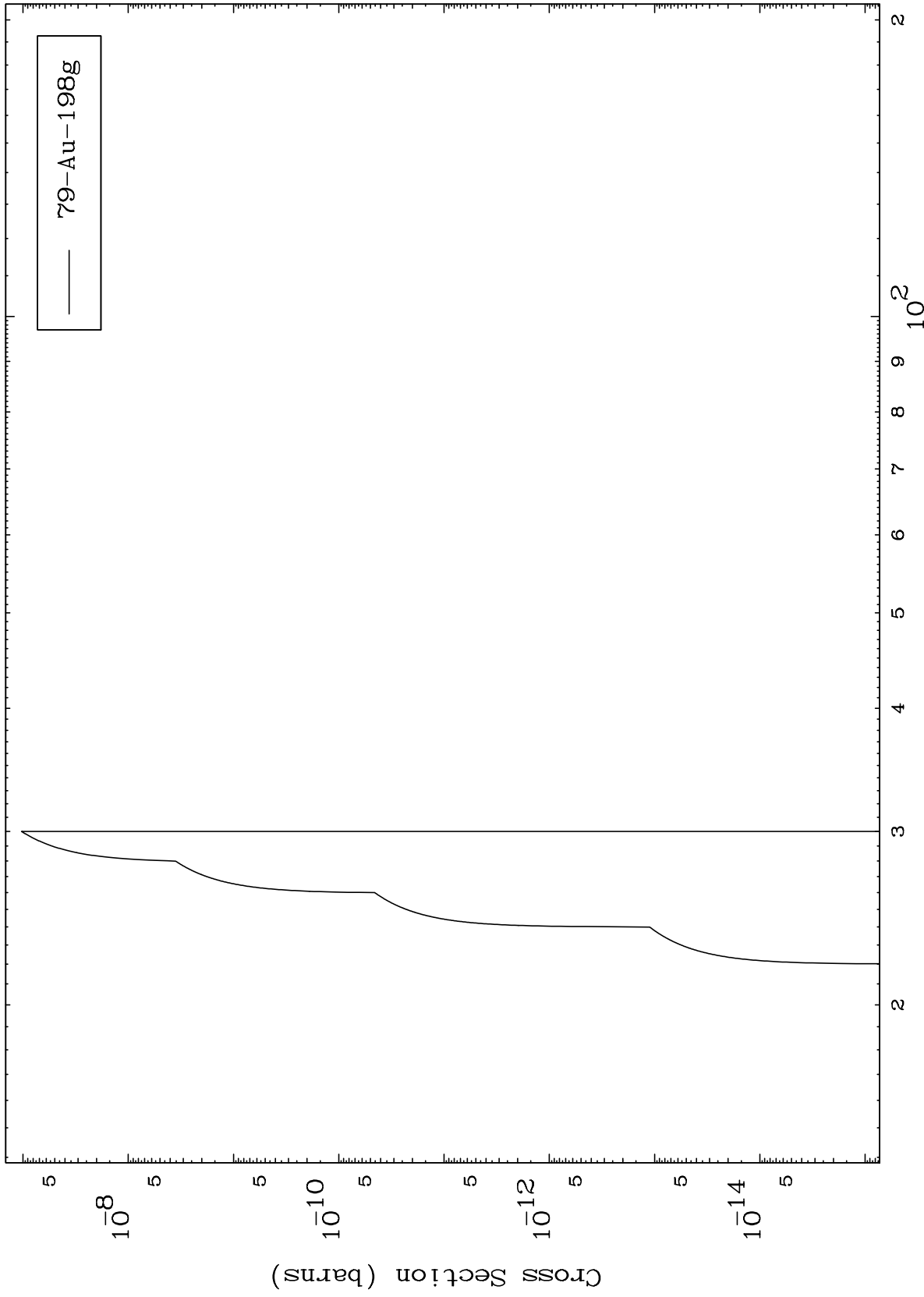
79-Au-197

MAT 7925

(n, He-3)

79-Au-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

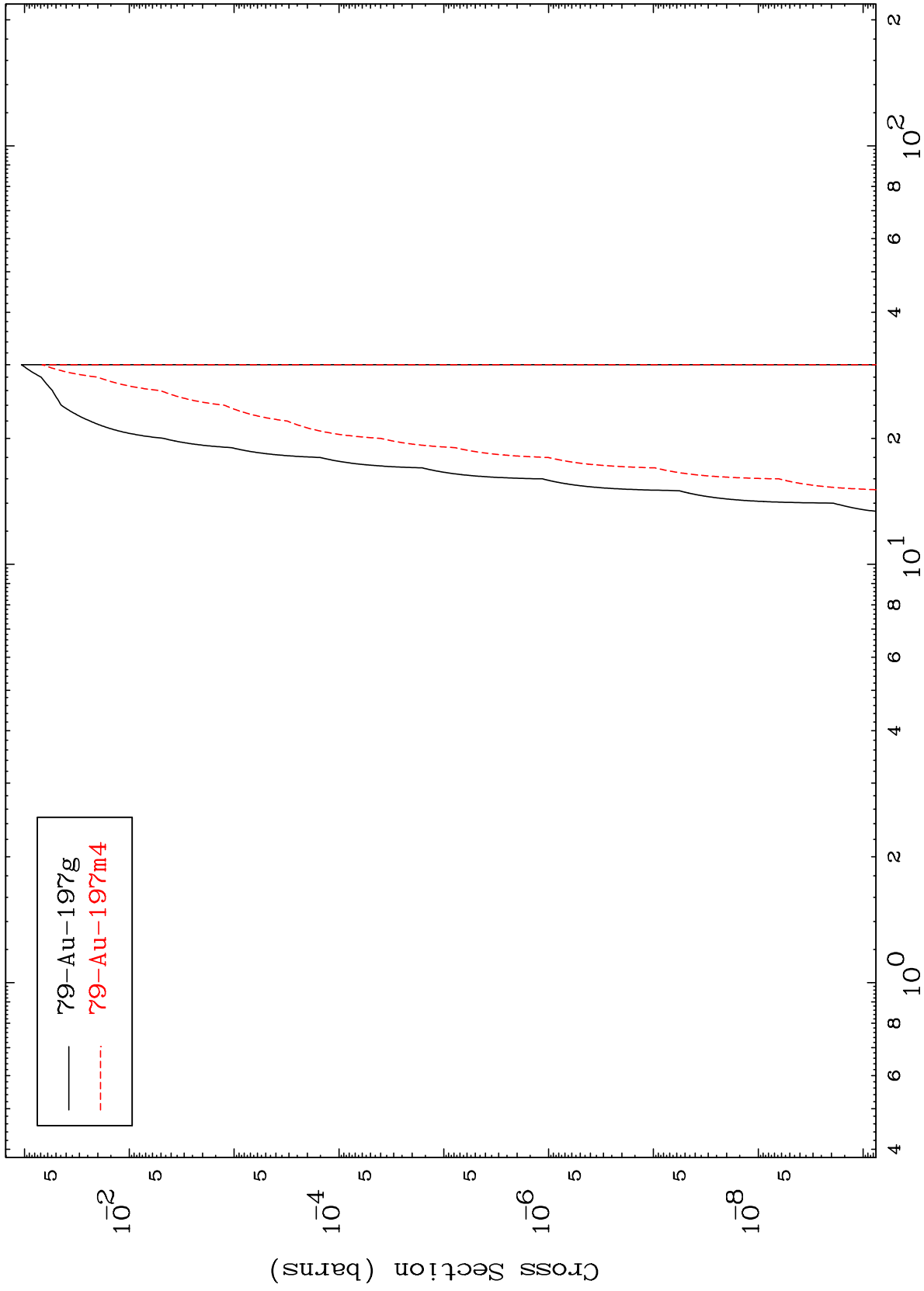
79-Au-197

MAT 7925

(n, α)

⁷⁹Au-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

⁷⁹Au-197