

Program EVALPLOT
(Version 2018-1)

by

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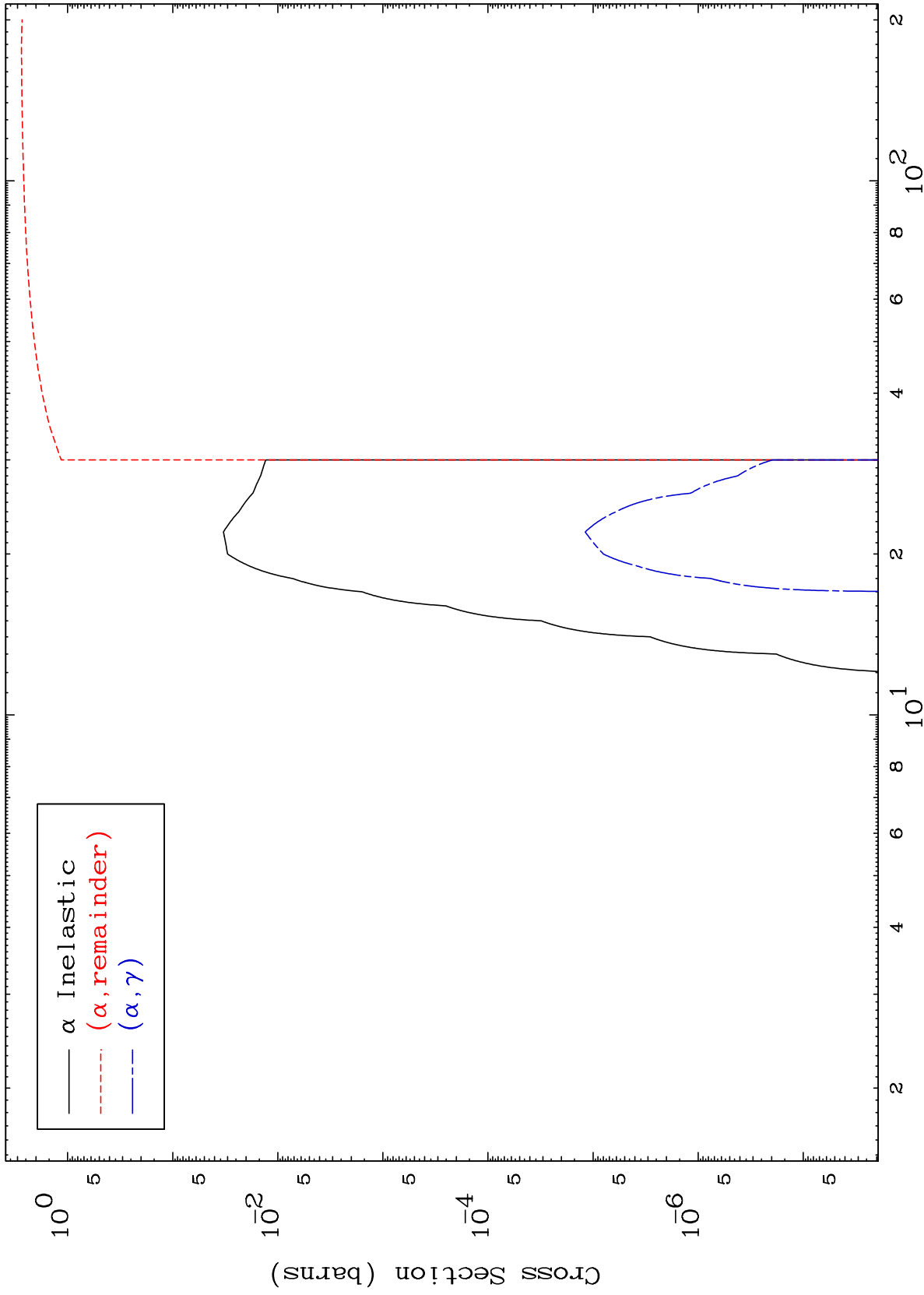
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7925

0 Kelvin Cross Sections

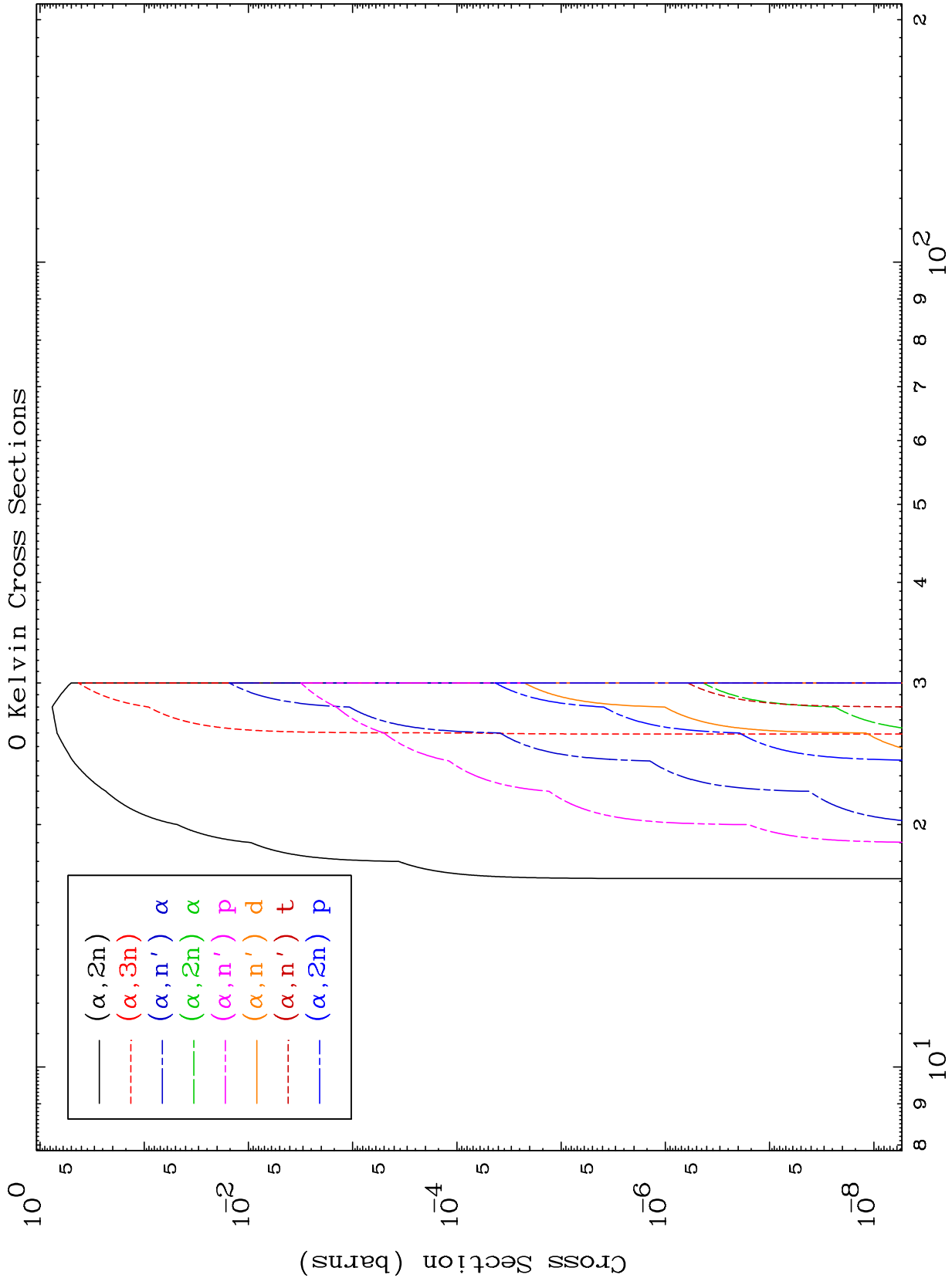
79-Au-197



MAT 7925

α Neutron Production
0 Kelvin Cross Sections

79-Au-197



2

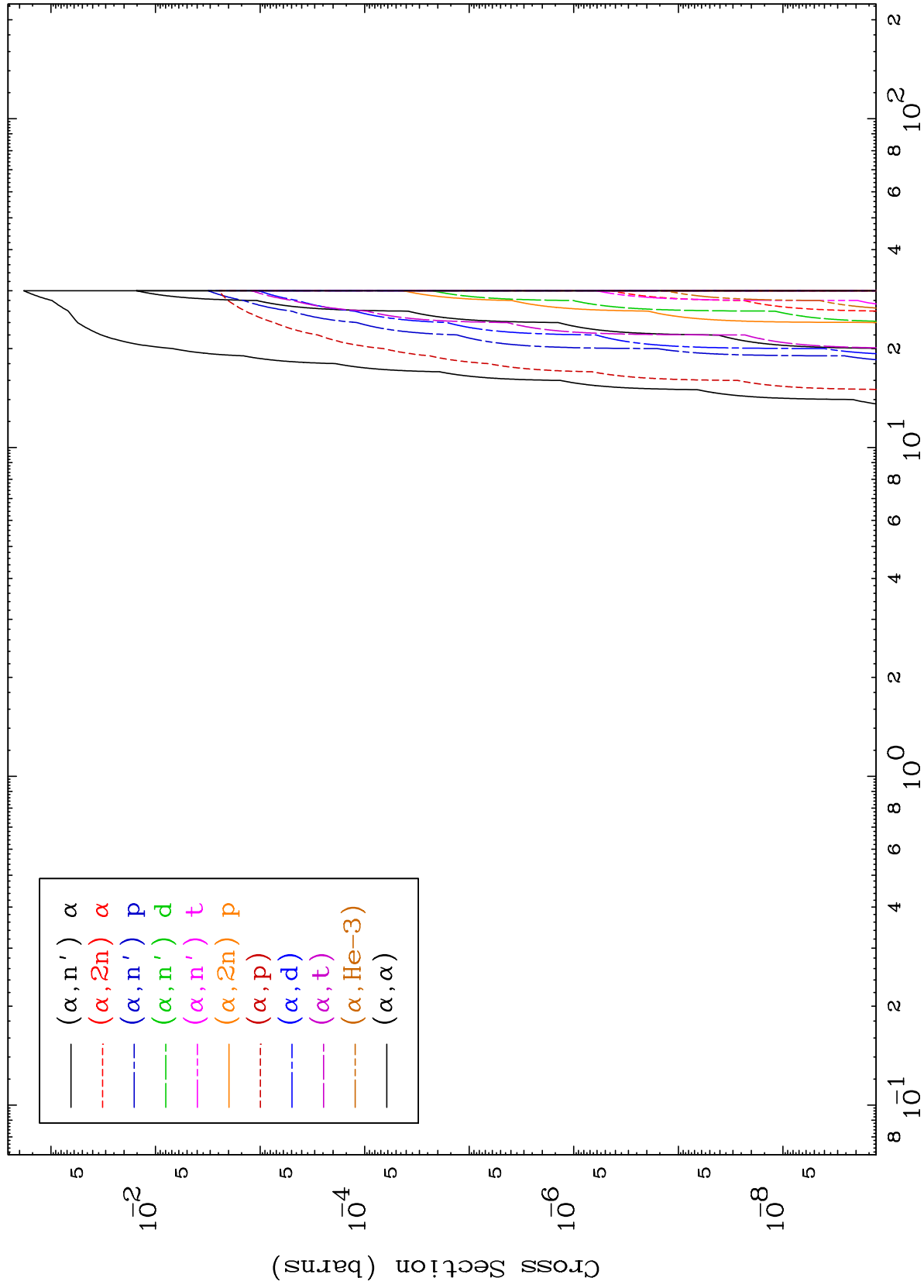
Incident Energy (MeV)

79-Au-197

MAT 7925

α Charged Particle
0 Kelvin Cross Sections

79-Au-197



3

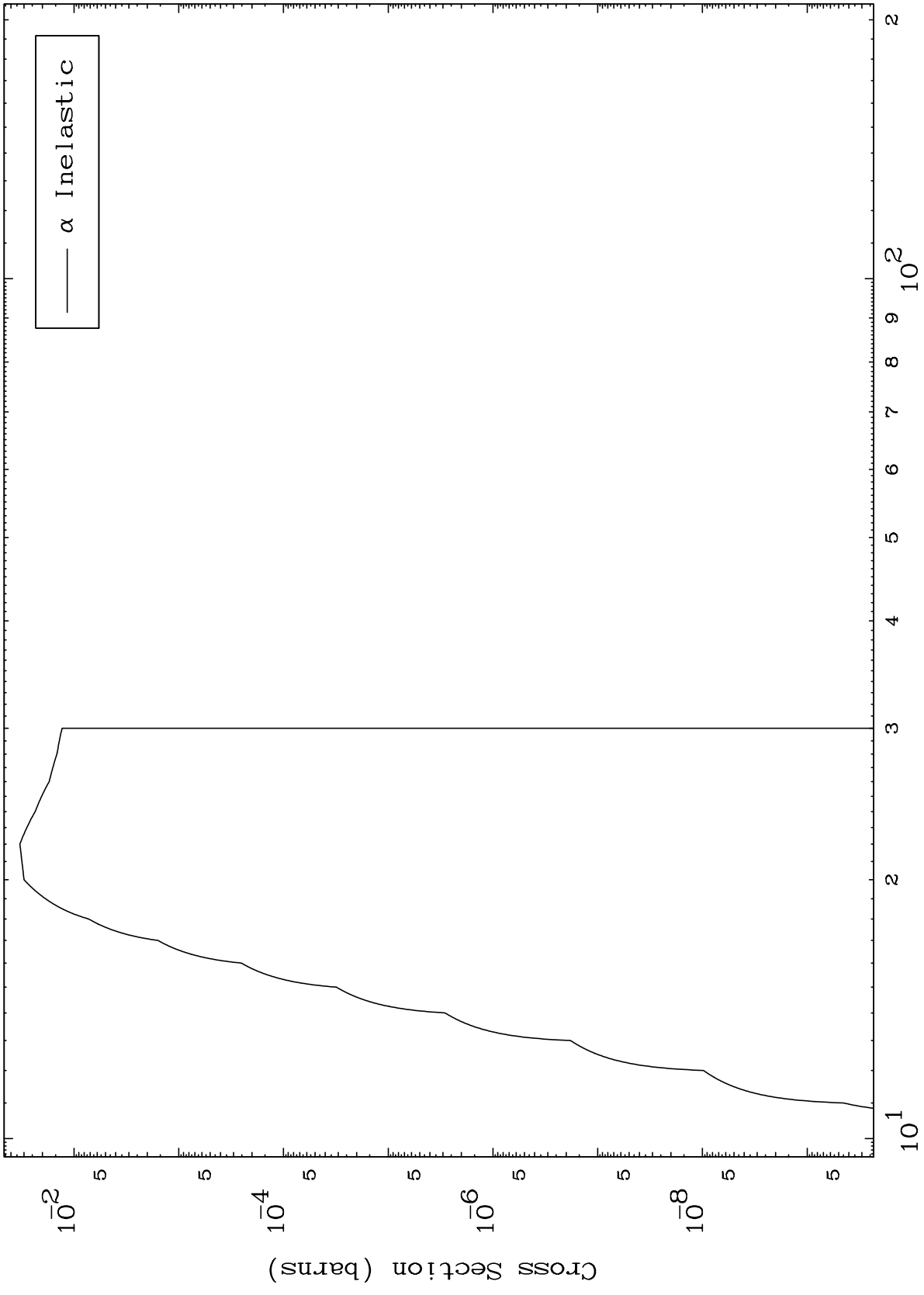
Incident Energy (MeV)

79-Au-197

MAT 7925

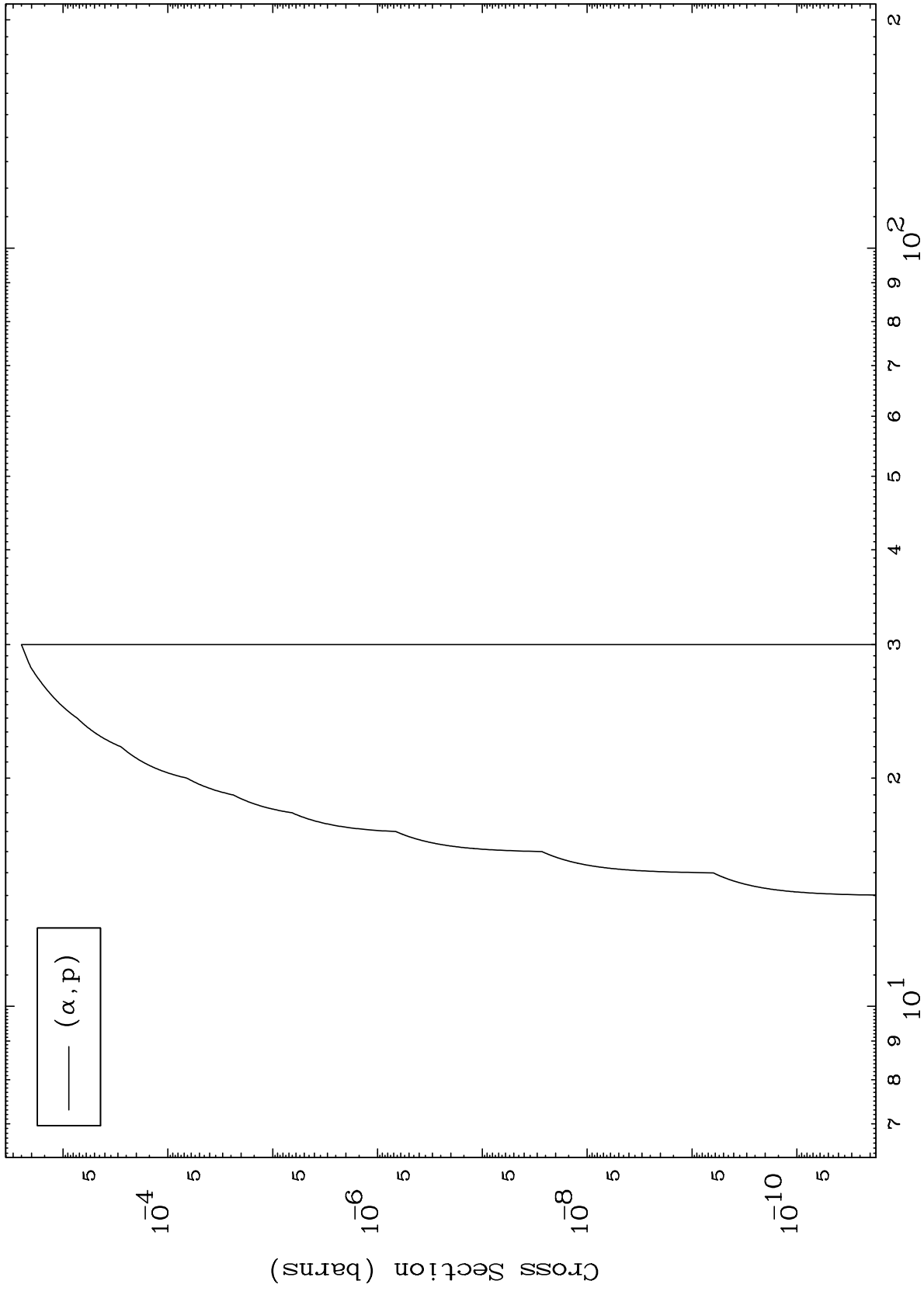
(α, n') Level
0 Kelvin Cross Sections

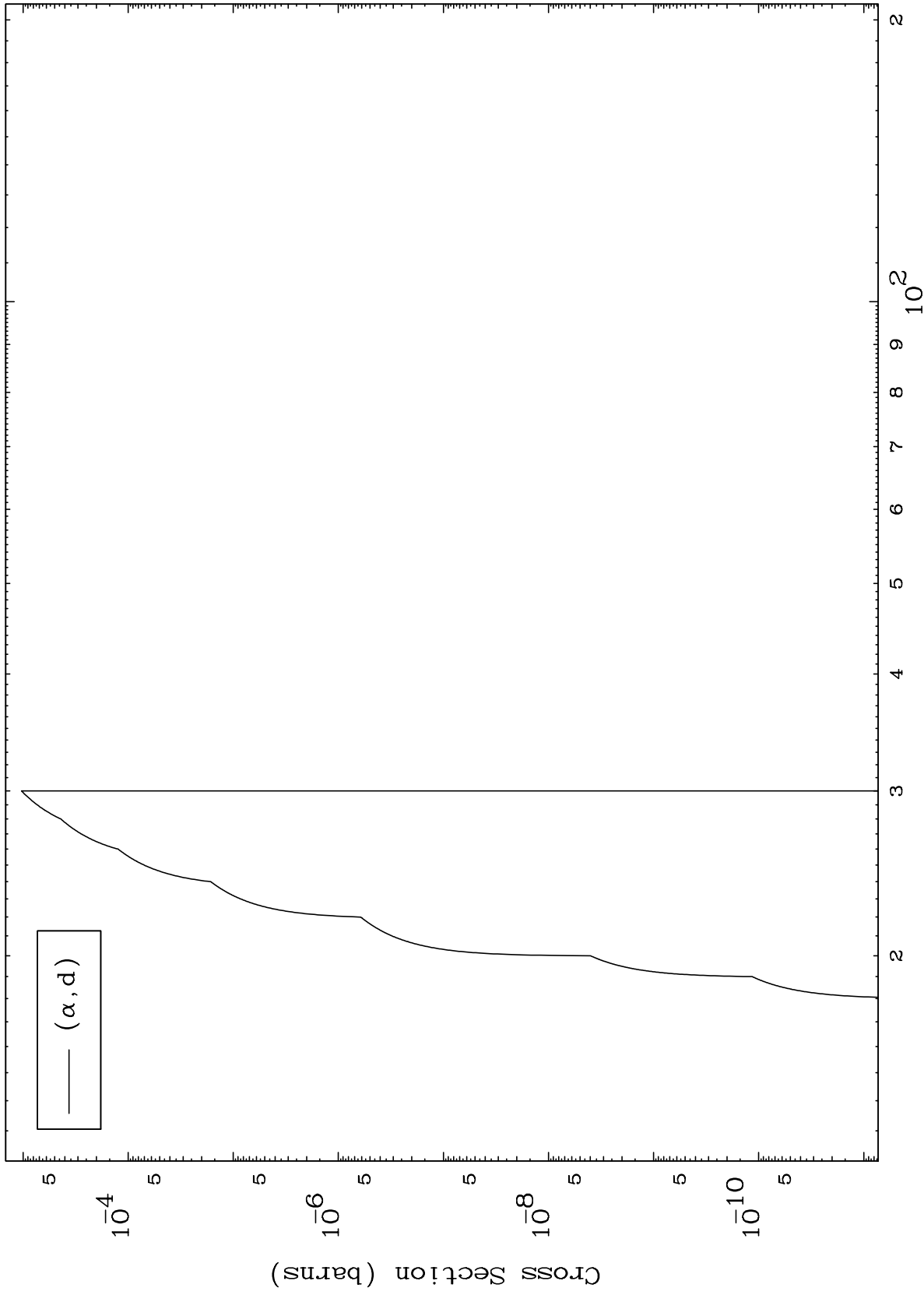
79-Au-197



Incident Energy (MeV)

79-Au-197

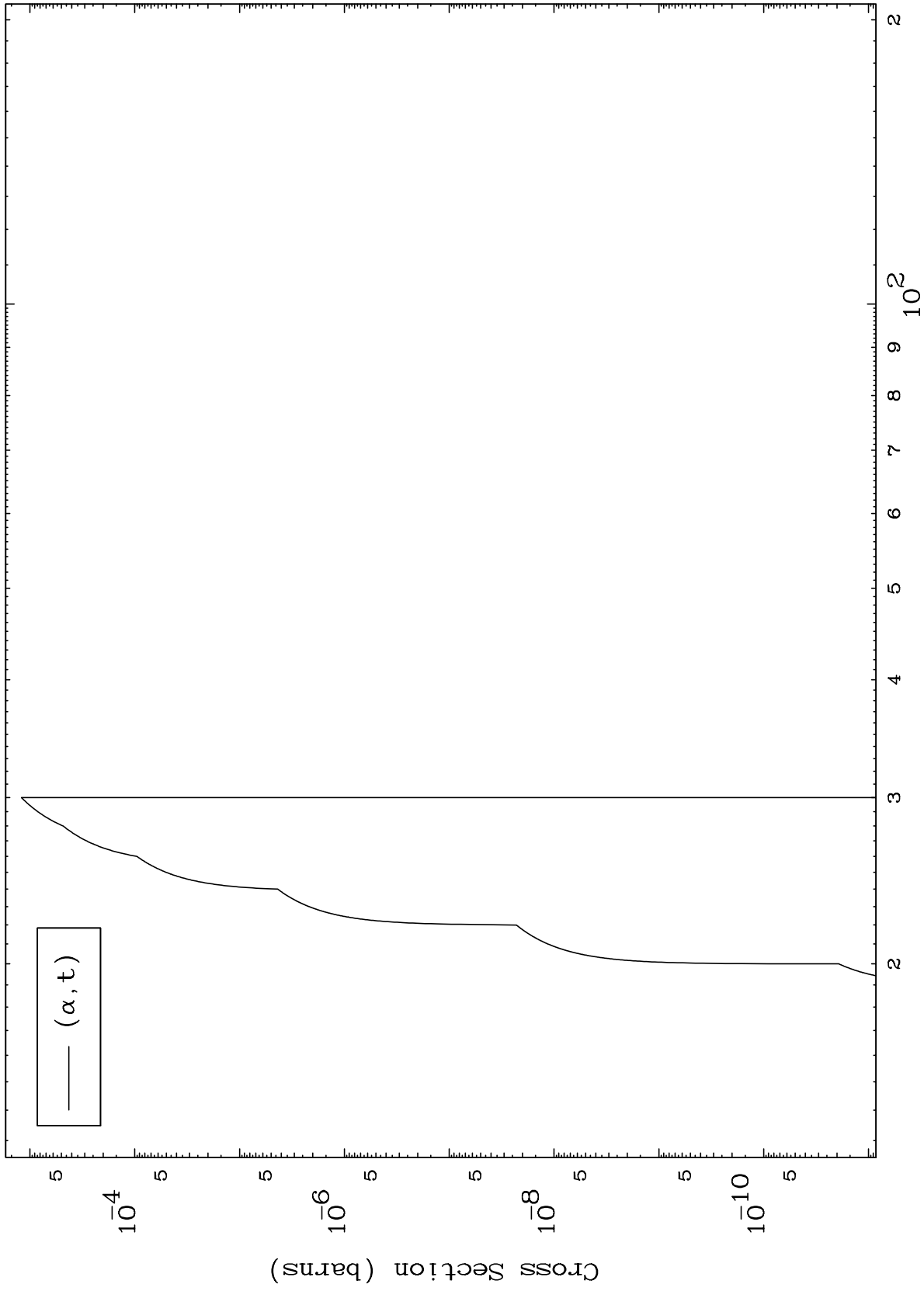




MAT 7925

(α, t) Levels
0 Kelvin Cross Sections

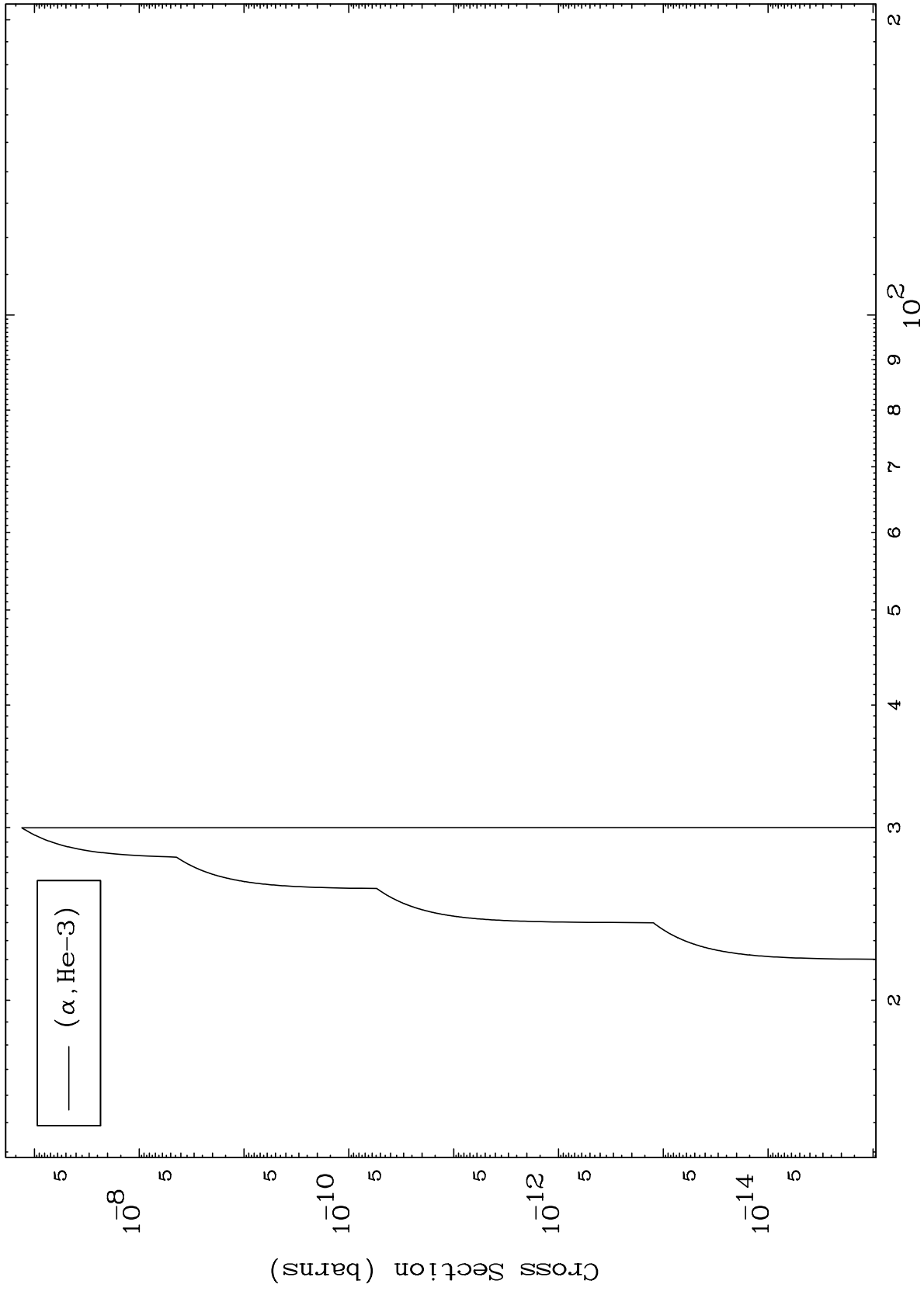
79-Au-197



7

Incident Energy (MeV)

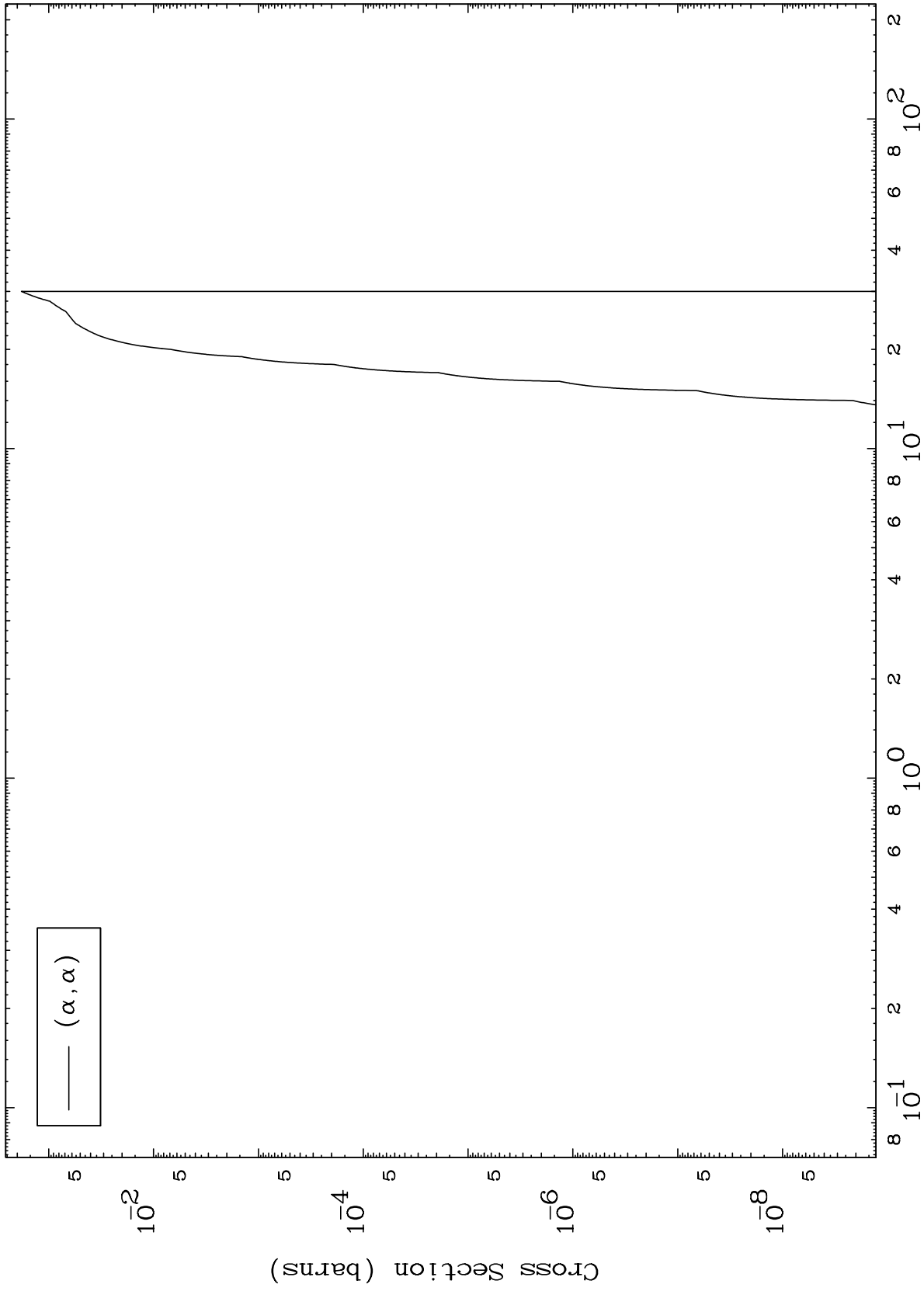
79-Au-197



MAT 7925

(α, α) Levels
0 Kelvin Cross Sections

79-Au-197



9

Incident Energy (MeV)

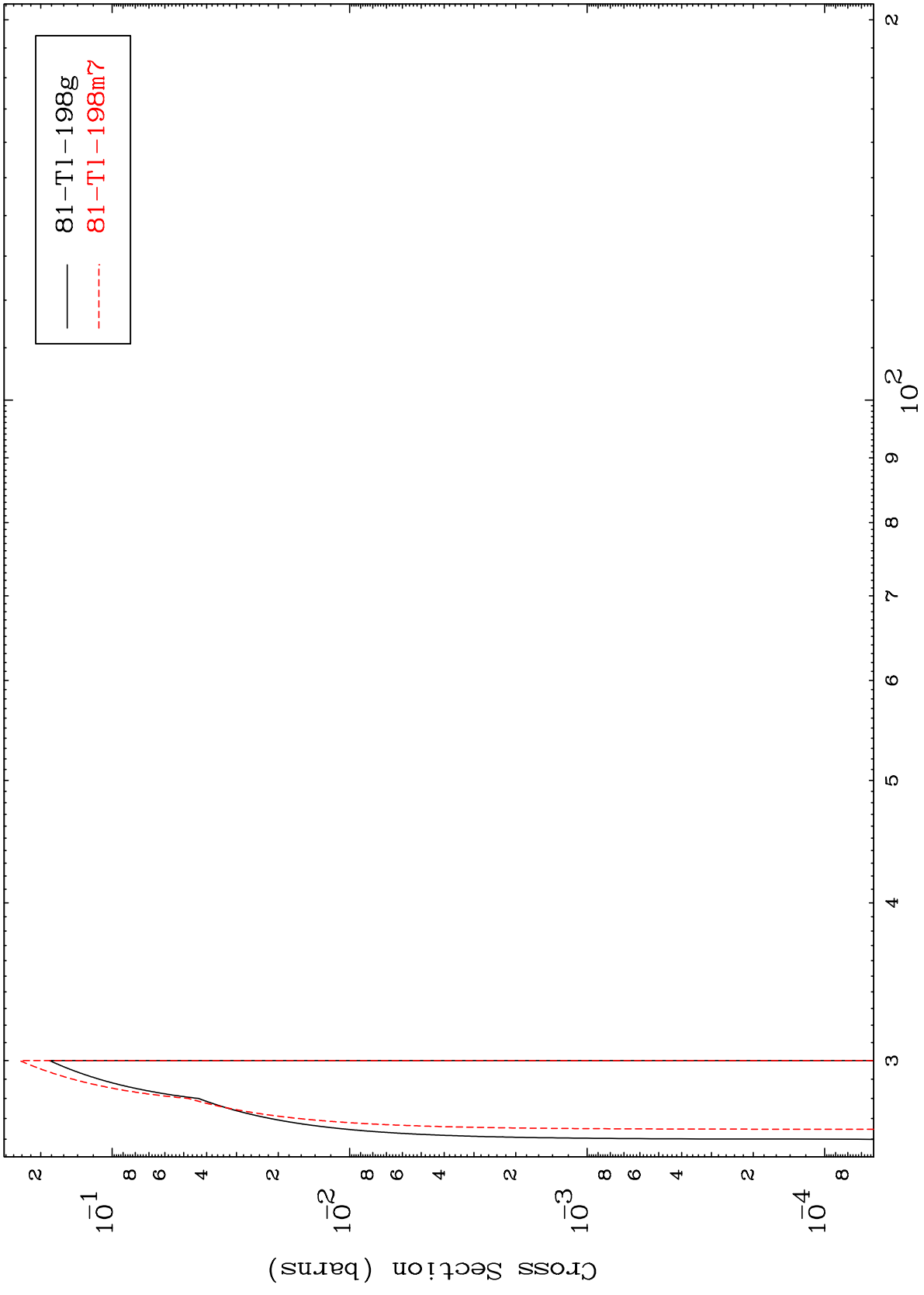
79-Au-197

MAT 7925

($\alpha, 3n$)

79-Au-197

Radionuclide Production Cross Section



10

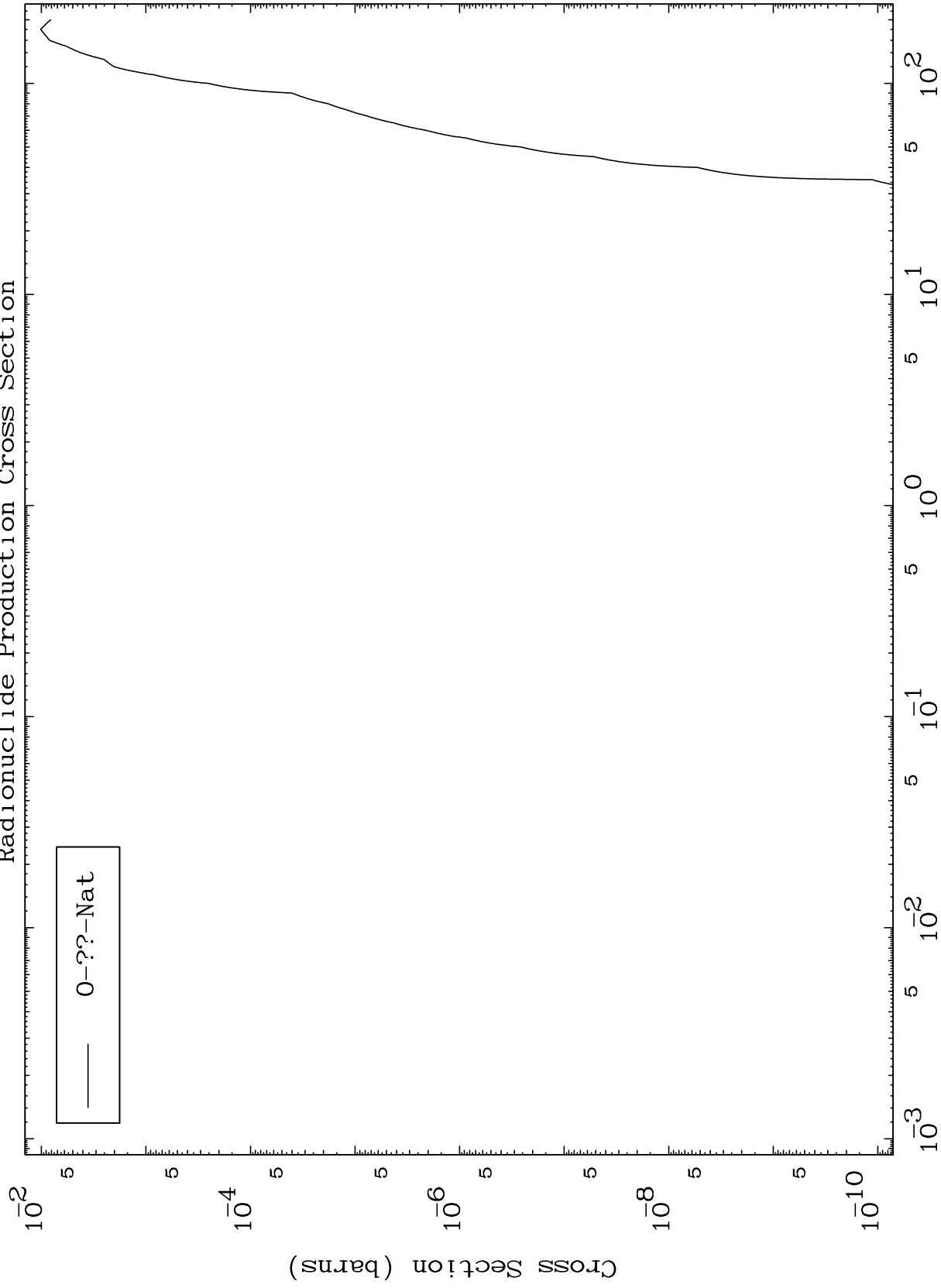
Incident Energy (MeV)

79-Au-197

MAT 7925

α Fission
Radionuclide Production Cross Section

79-Au-197



11

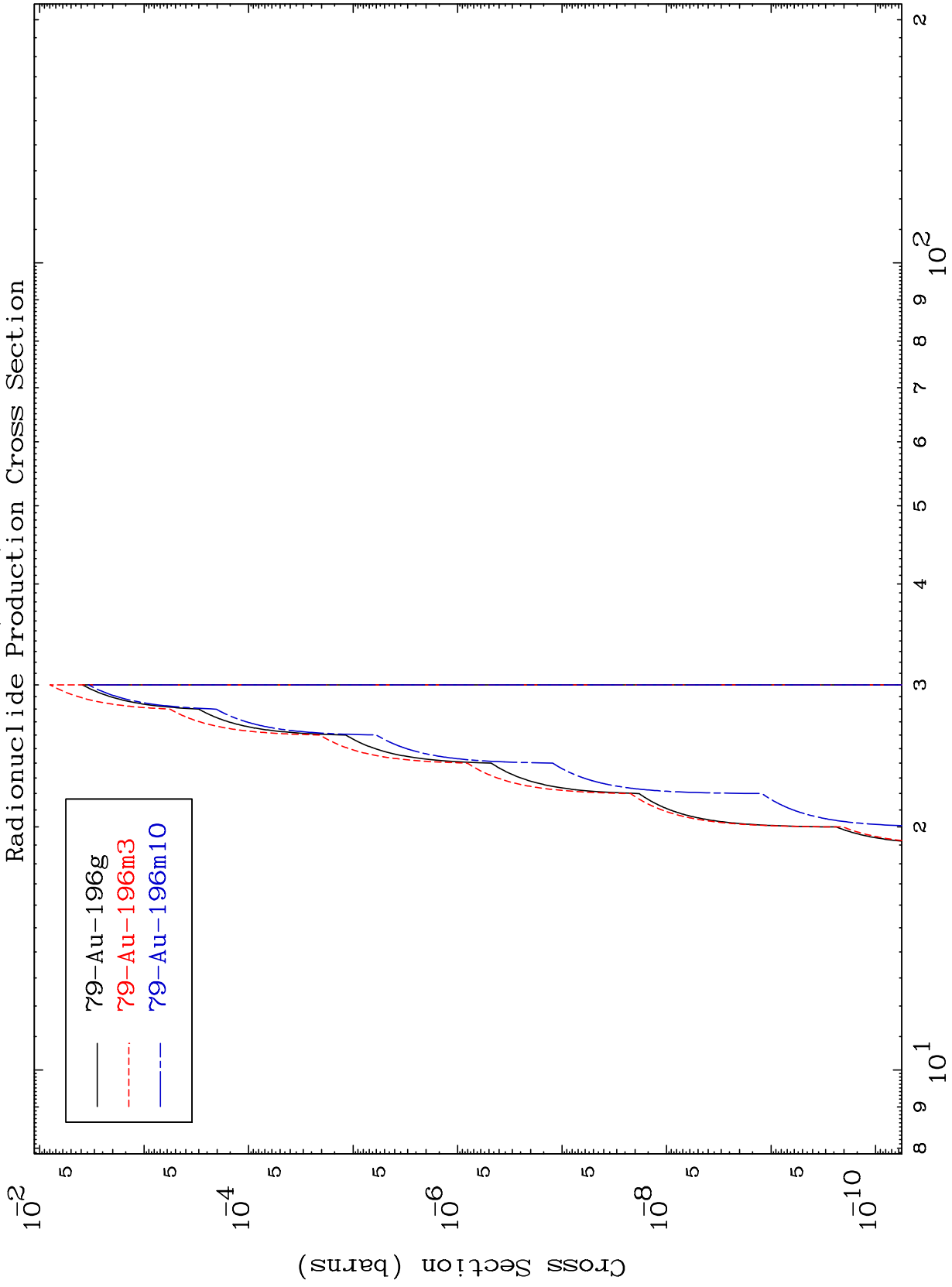
Incident Energy (MeV)

79-Au-197

MAT 7925

79-Au-197

Radionuclide Production Cross Section
(α, n') α



12

Incident Energy (MeV)

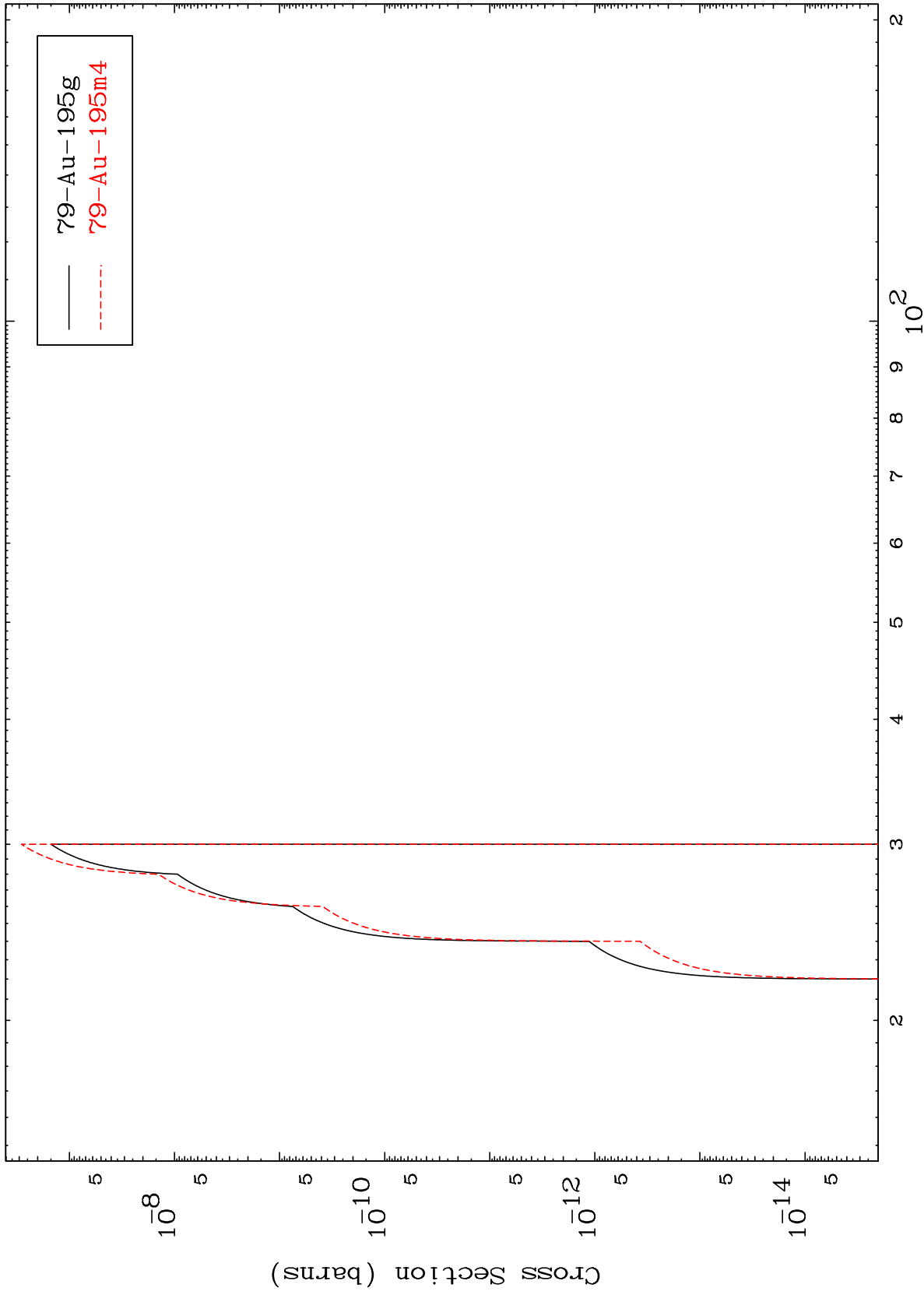
79-Au-197

MAT 7925

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

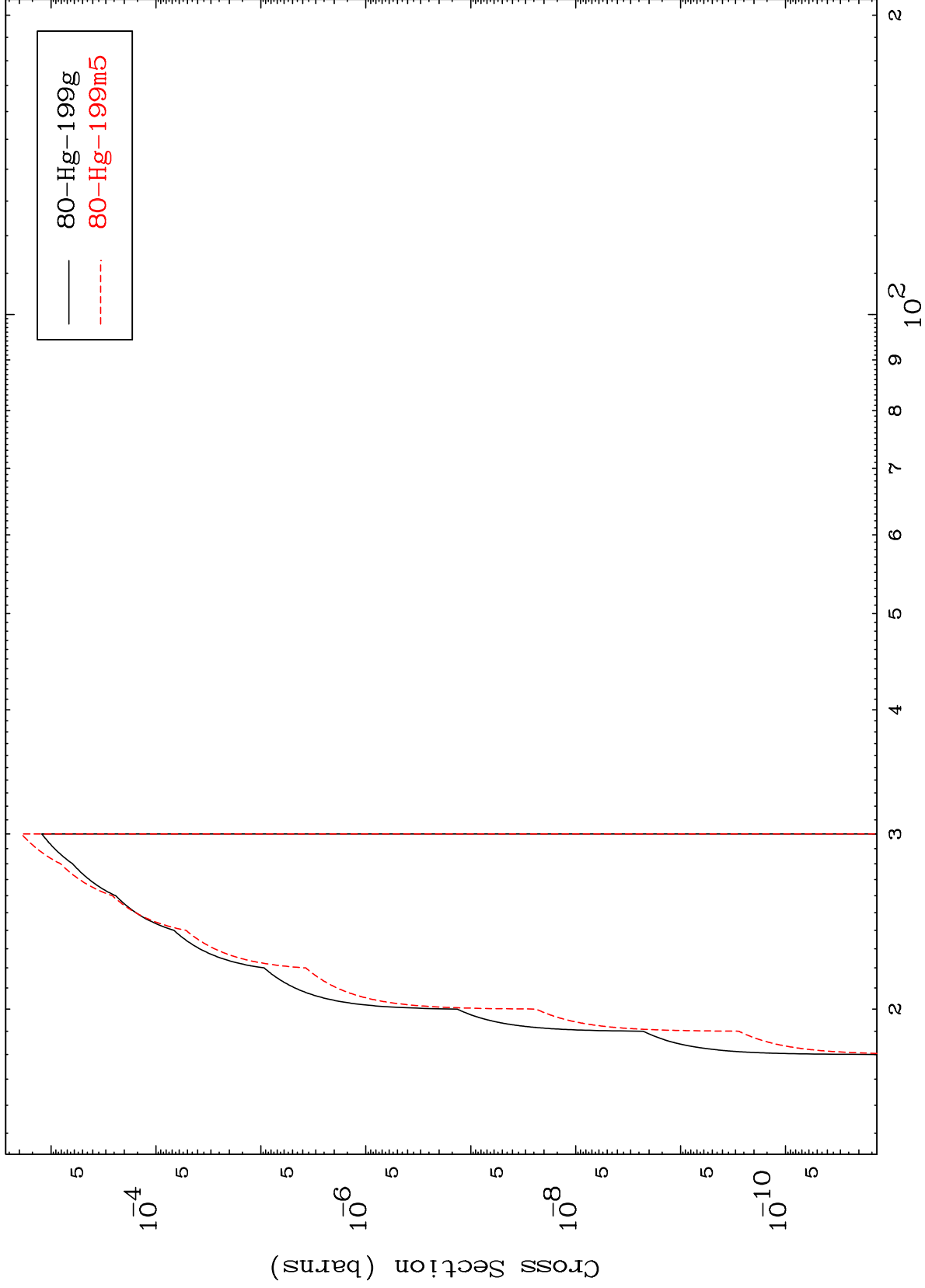
$^{79}\text{Au-197}$

MAT 7925

(α, n') p

79-Au-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

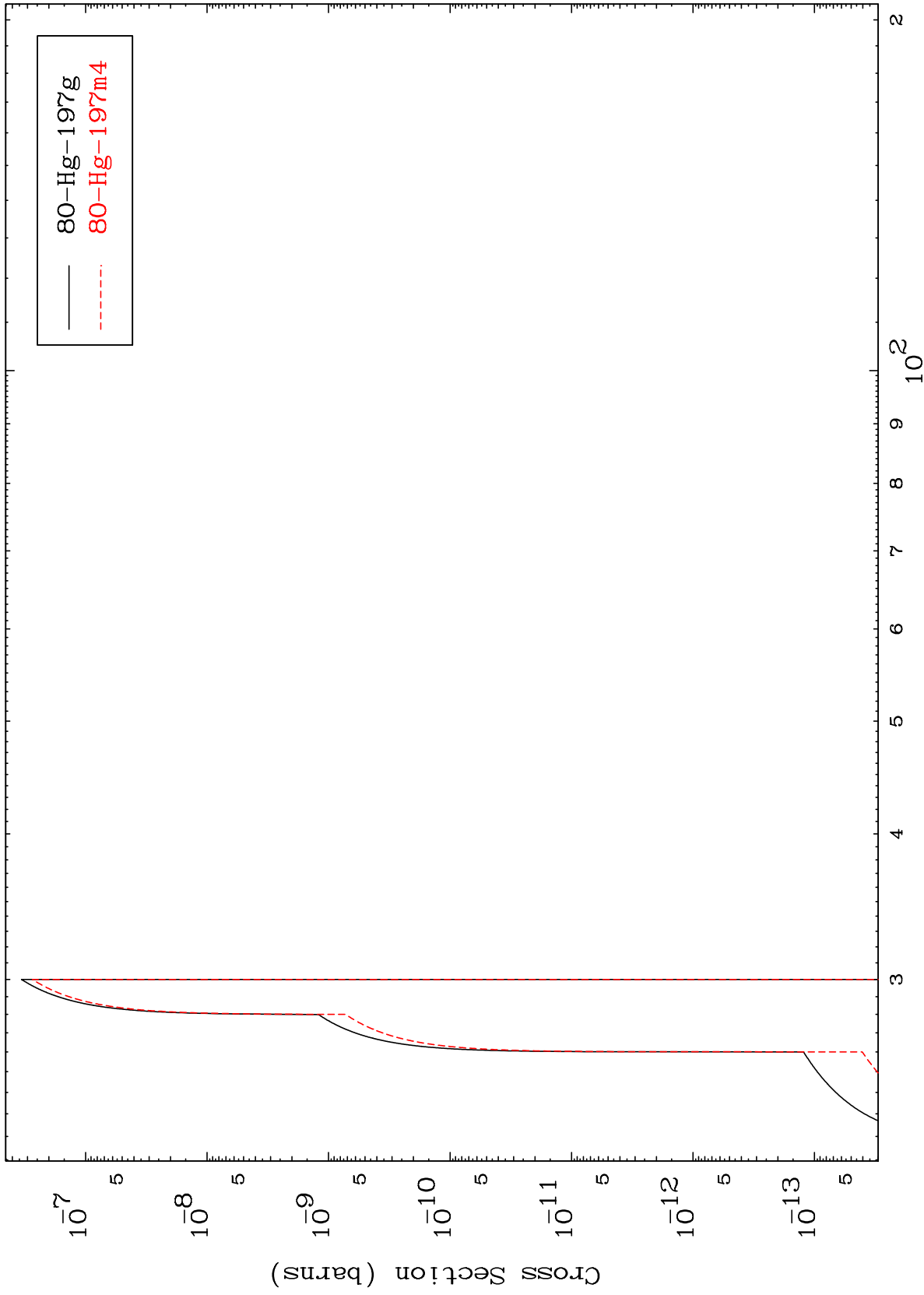
79-Au-197

MAT 7925

(α, n') t

79-Au-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

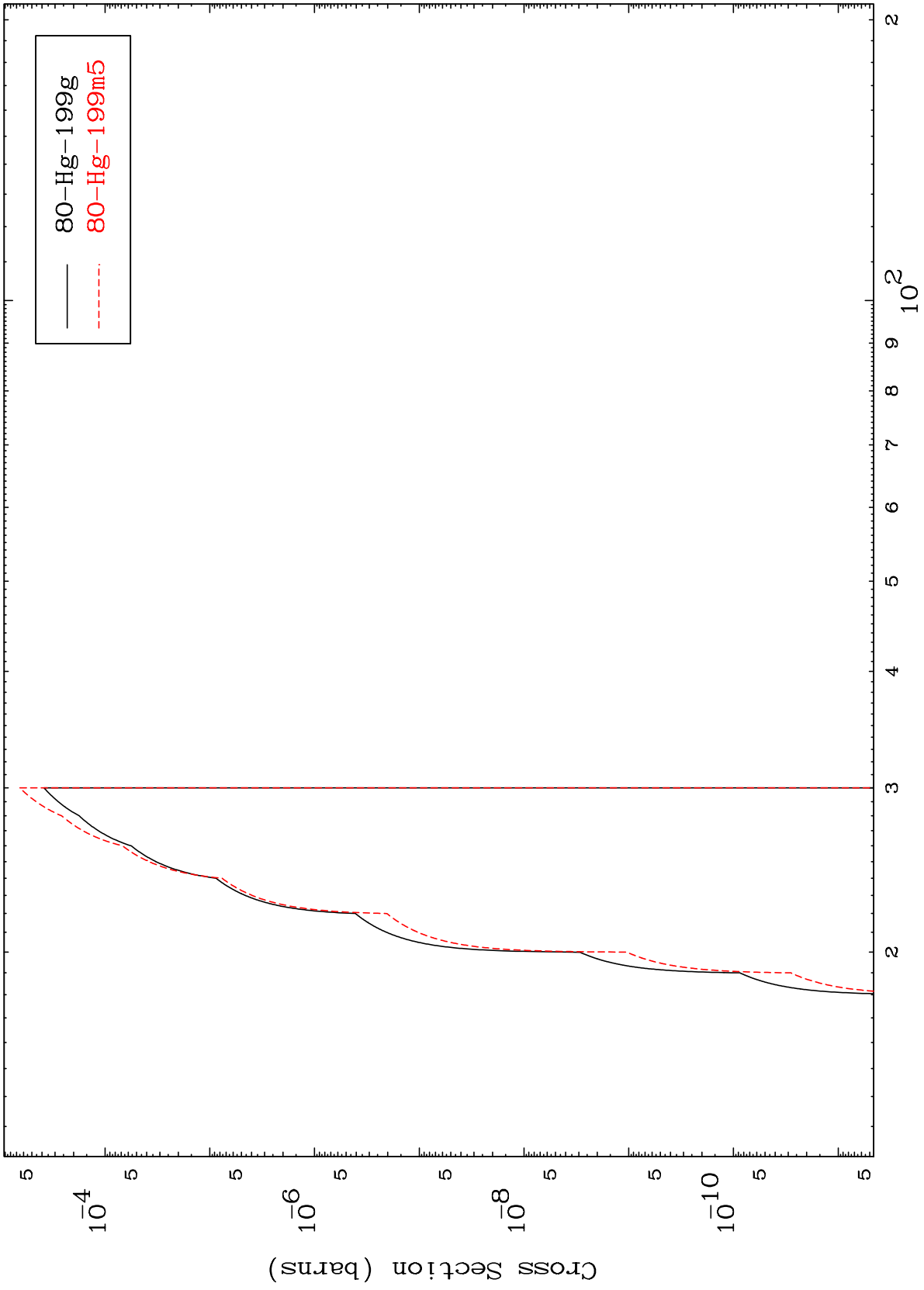
79-Au-197

MAT 7925

(α, d)

79-Au-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

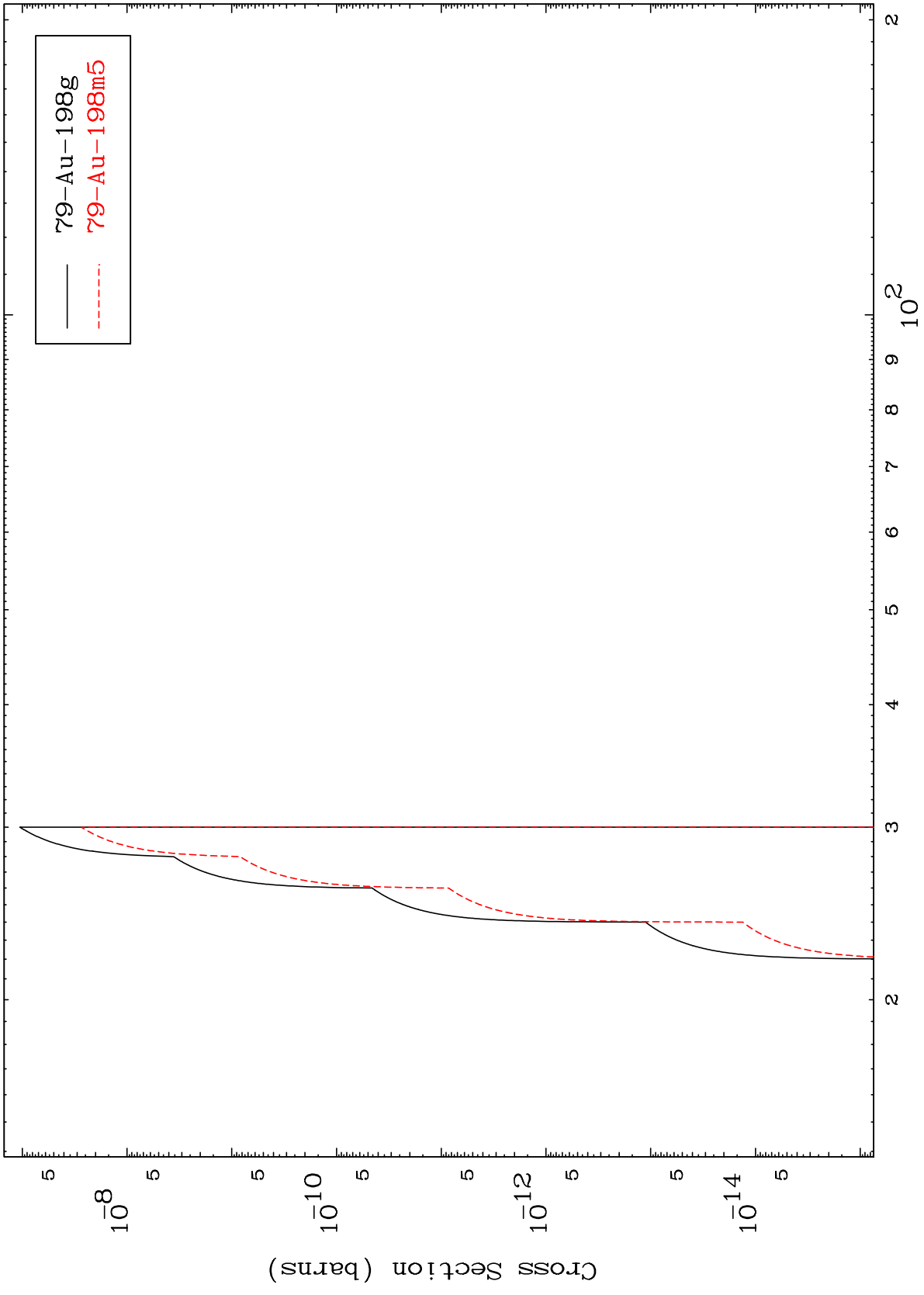
79-Au-197

MAT 7925

($\alpha, \text{He-3}$)

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

Radionuclide Production Cross Section



17

Incident Energy (MeV)

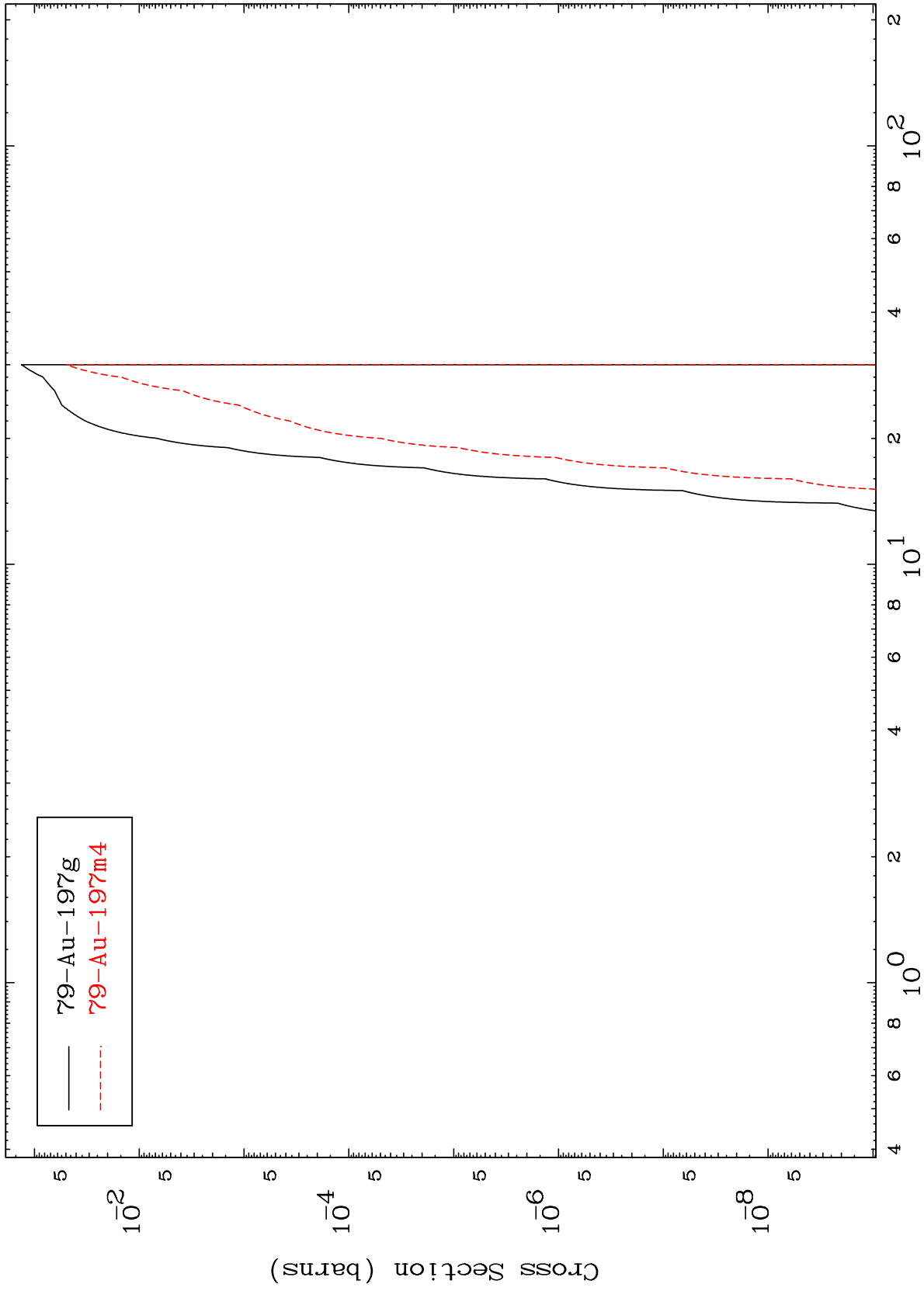
$^{79}\text{Au-197}$

MAT 7925

(α, α)

⁷⁹Au-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

⁷⁹Au-197