

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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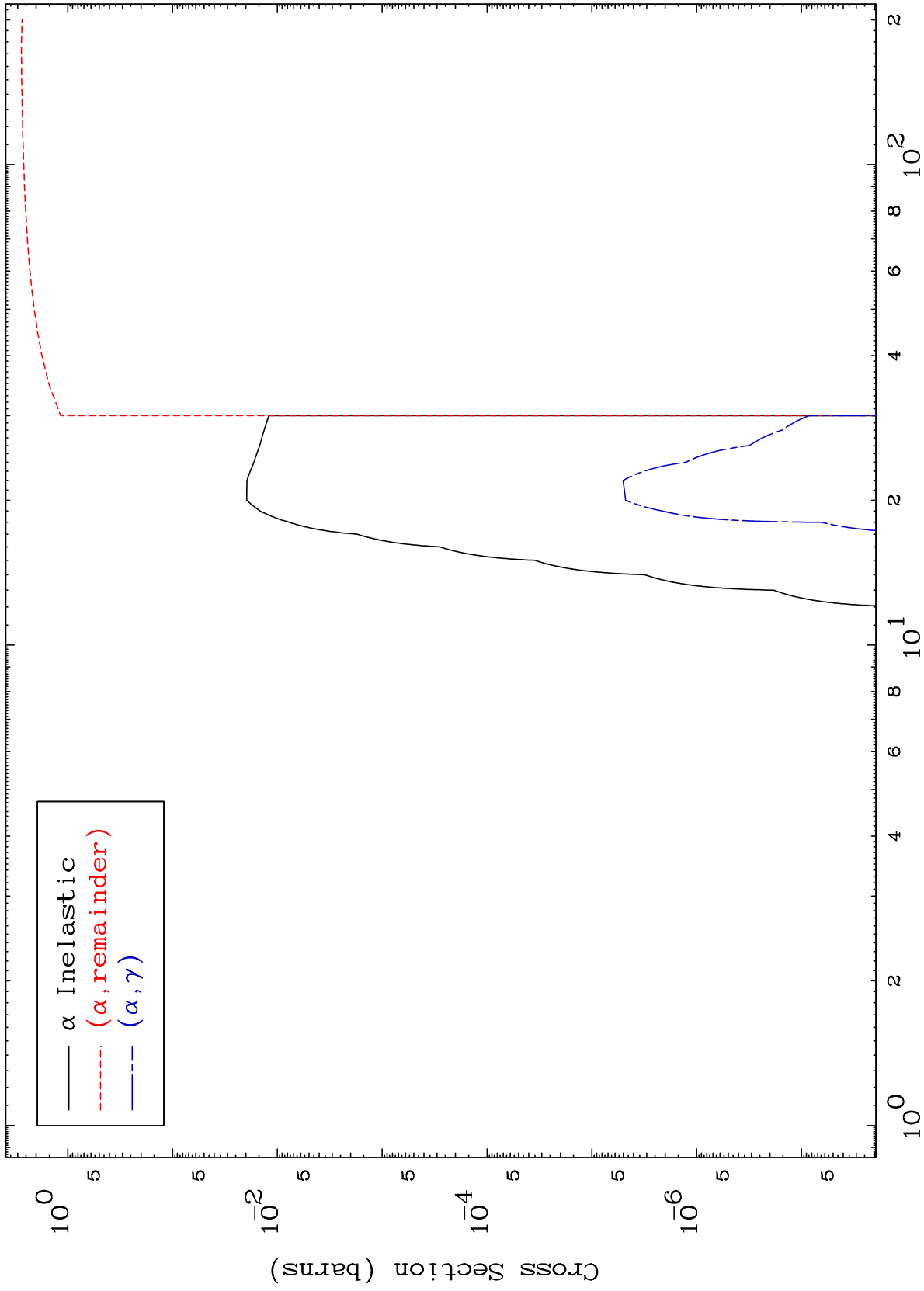
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7931

0 Kelvin α Major

79-Au-199



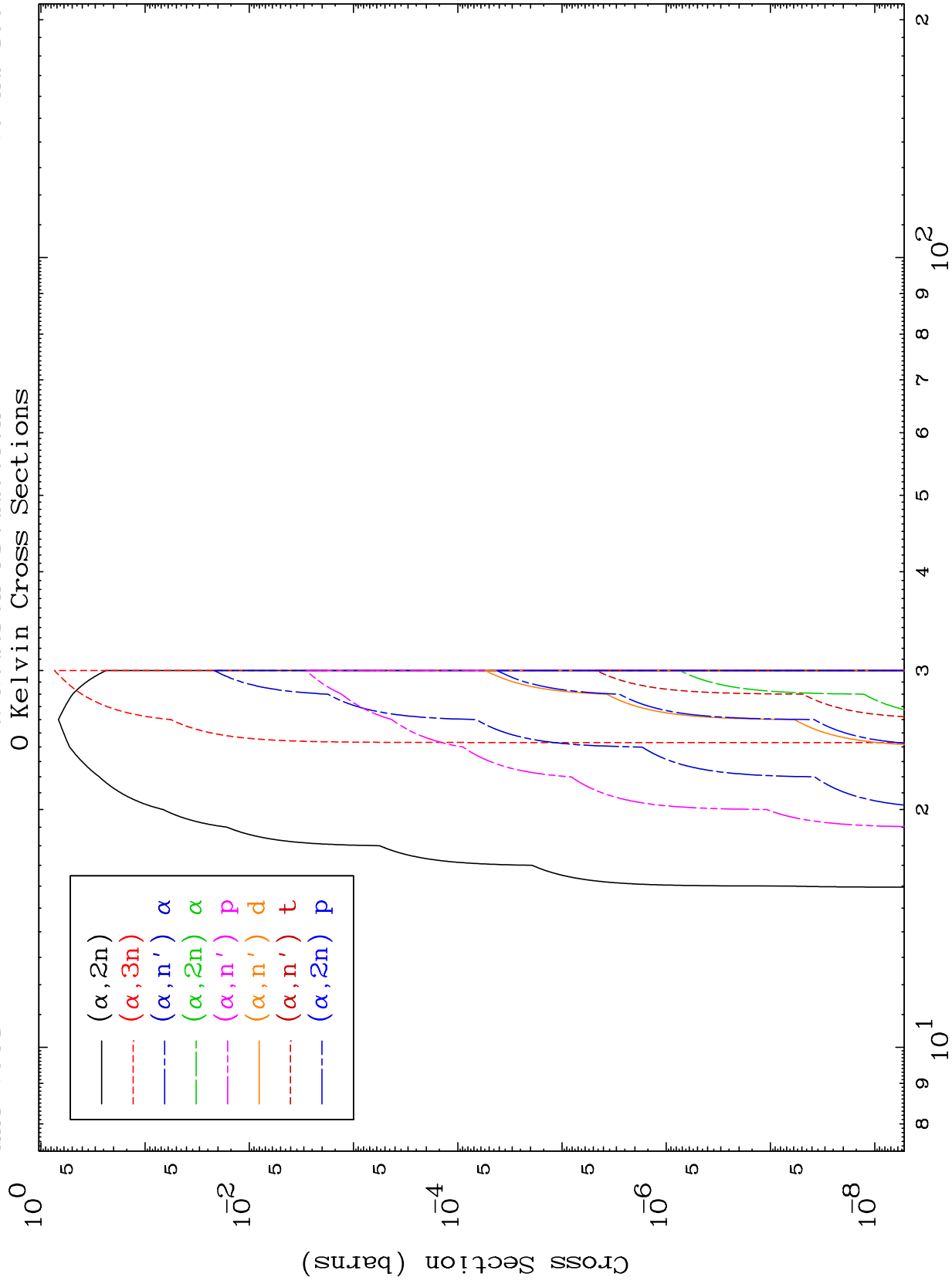
Incident Energy (MeV)

79-Au-199

MAT 7931

α Neutron Production
0 Kelvin Cross Sections

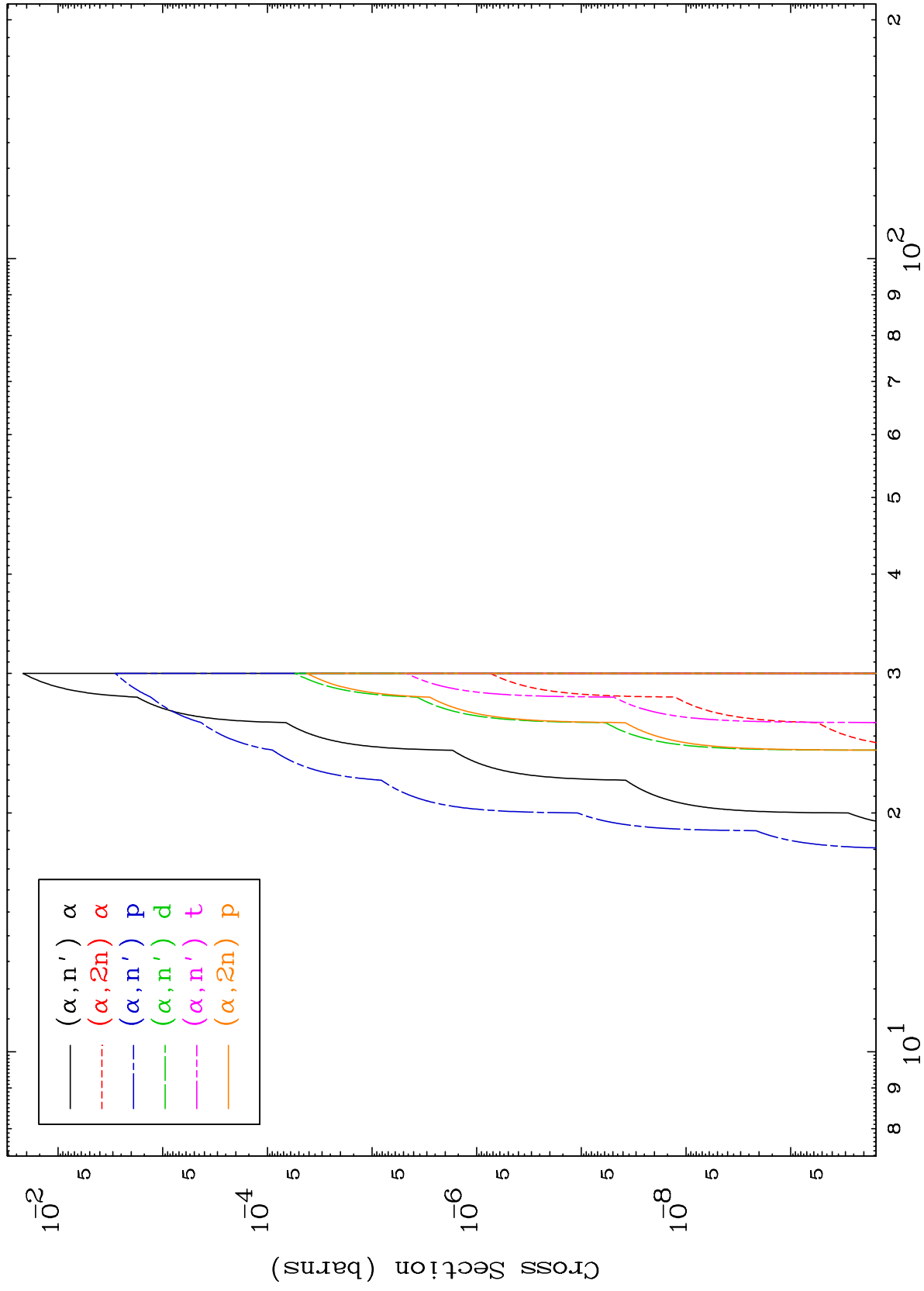
79-Au-199



2

Incident Energy (MeV)

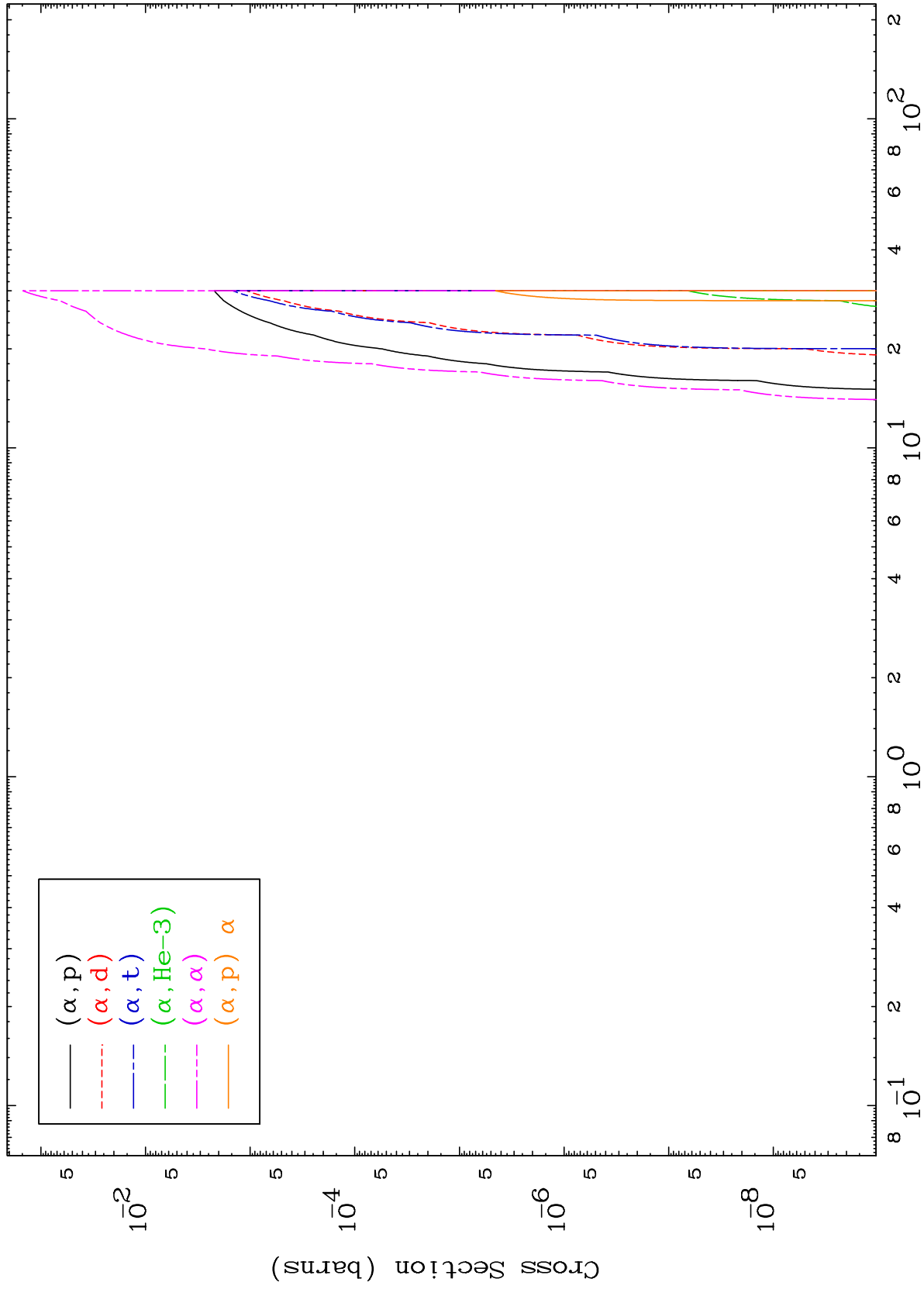
79-Au-199



MAT 7931

α Charged Particle
0 Kelvin Cross Sections

79-Au-199

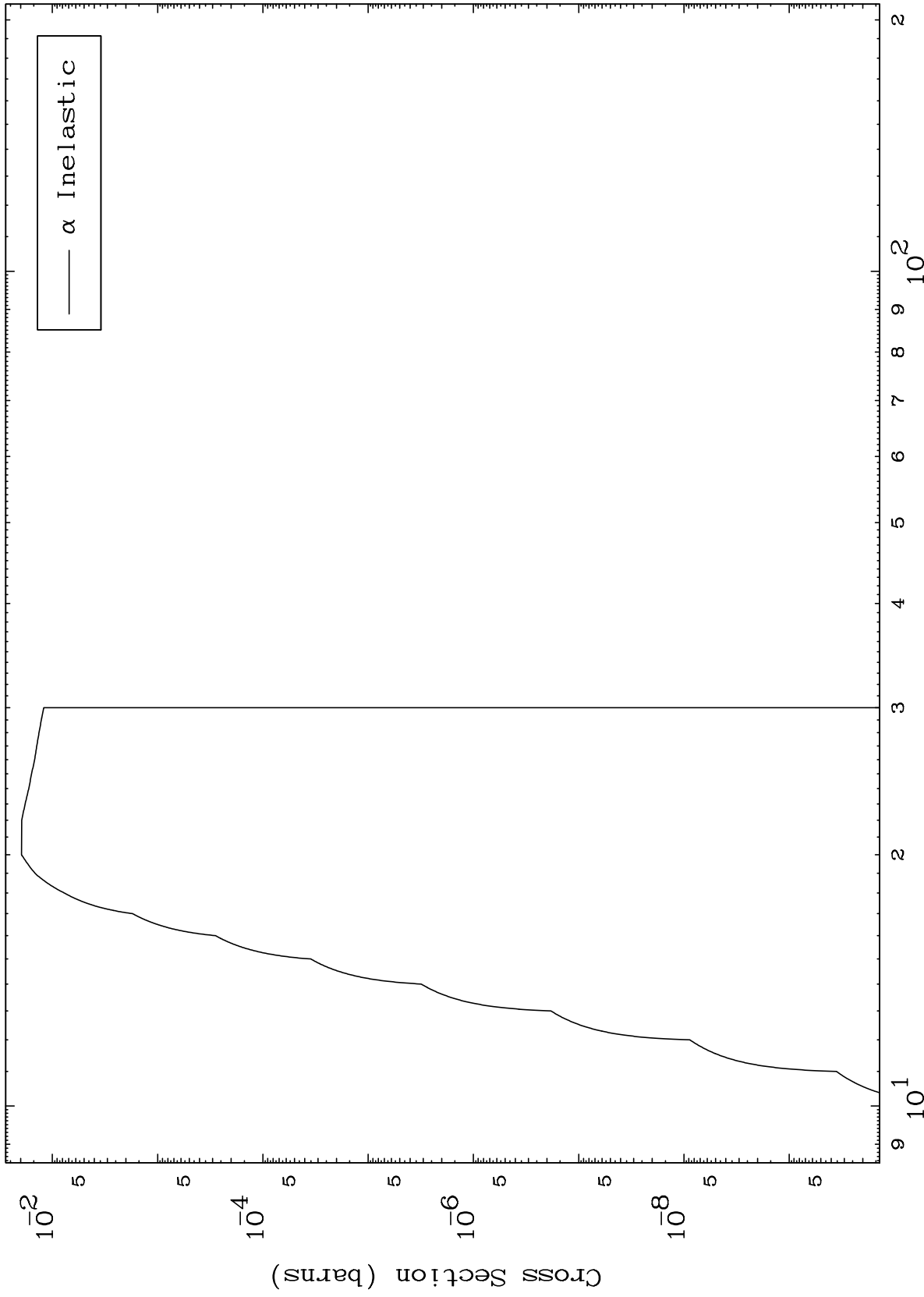


4

MAT 7931

(α, n') Level
0 Kelvin Cross Sections

79-Au-199



5

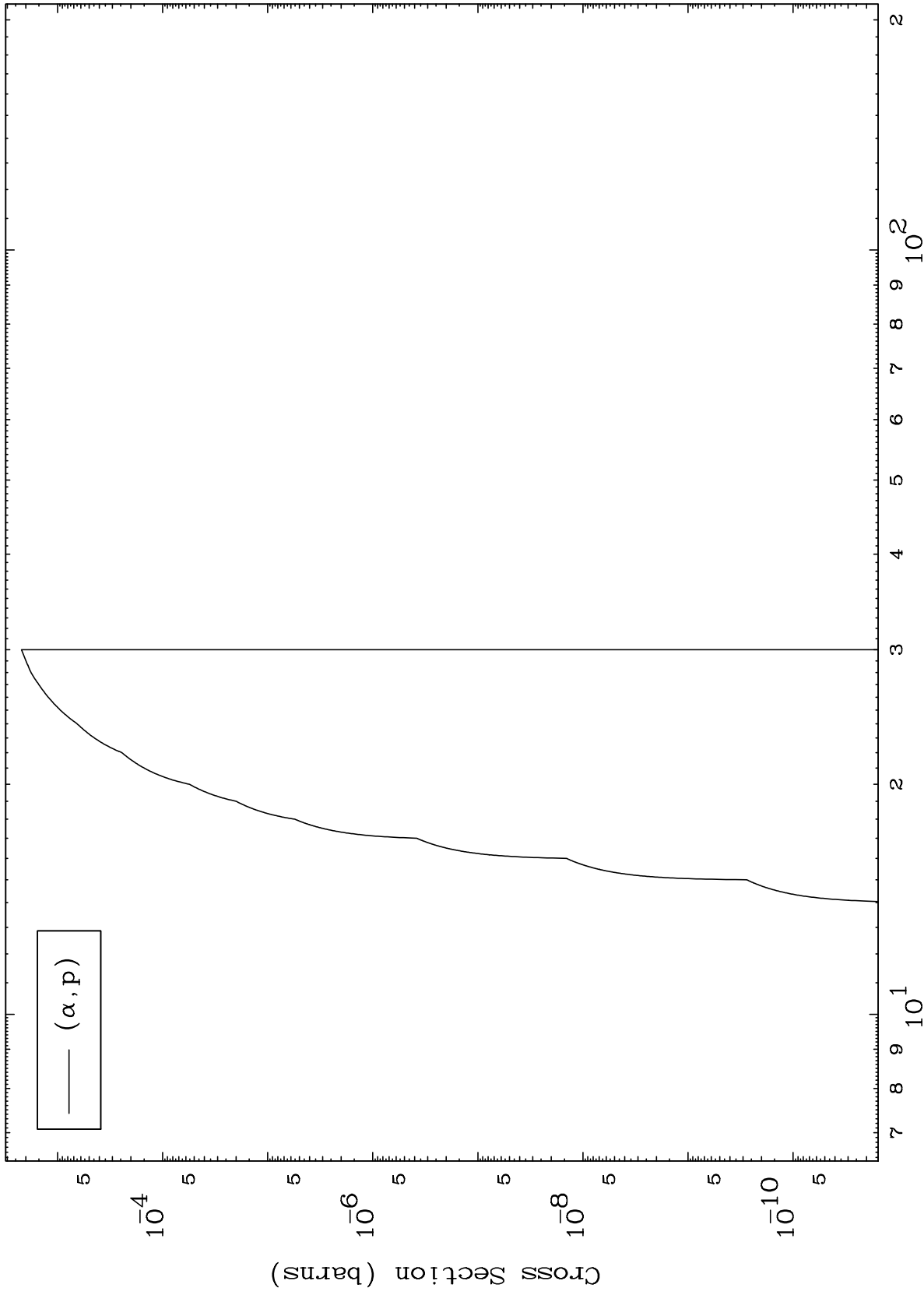
Incident Energy (MeV)

79-Au-199

MAT 7931

(α, p) Levels
0 Kelvin Cross Sections

79-Au-199



6

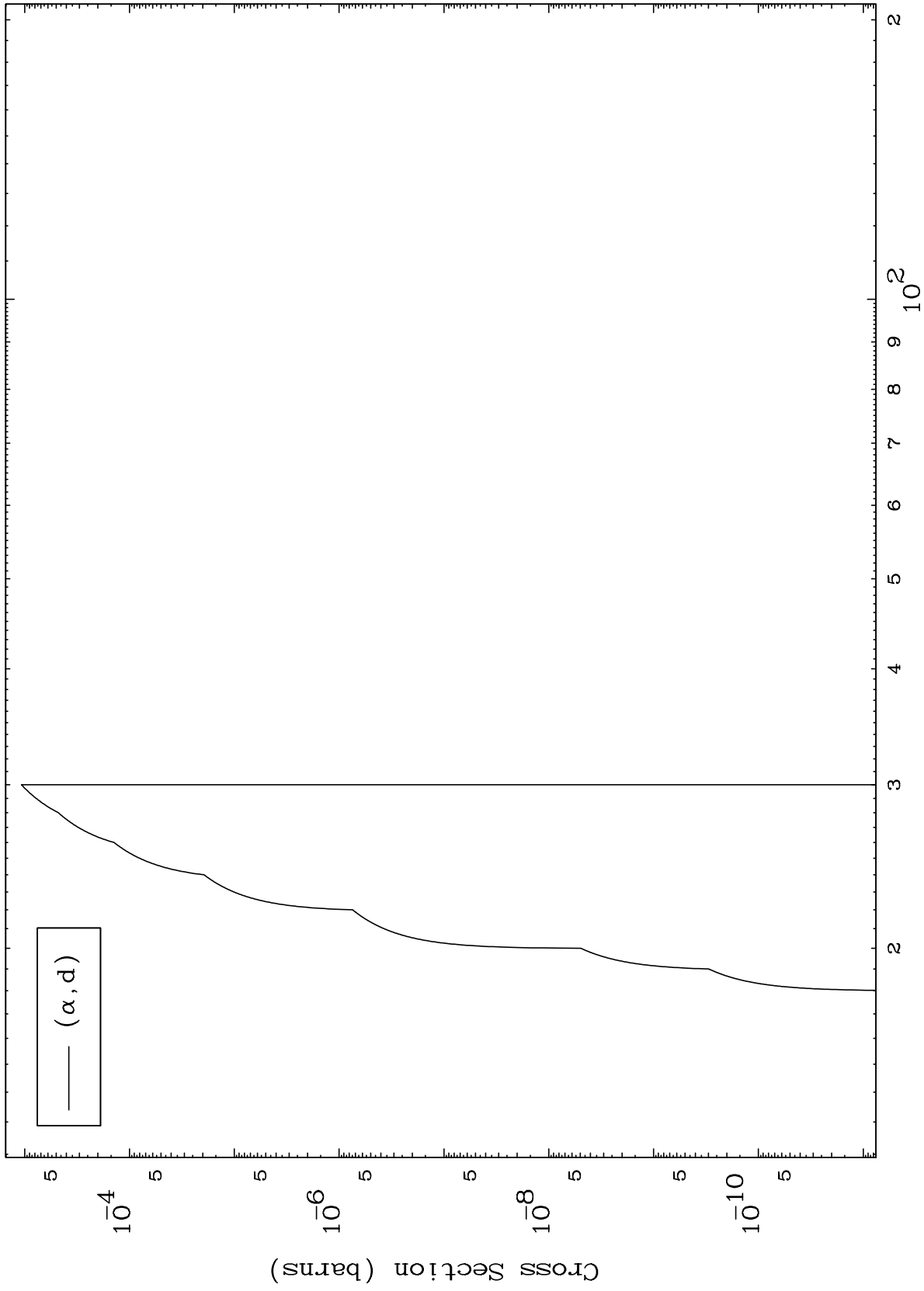
Incident Energy (MeV)

79-Au-199

MAT 7931

(α, d) Levels
0 Kelvin Cross Sections

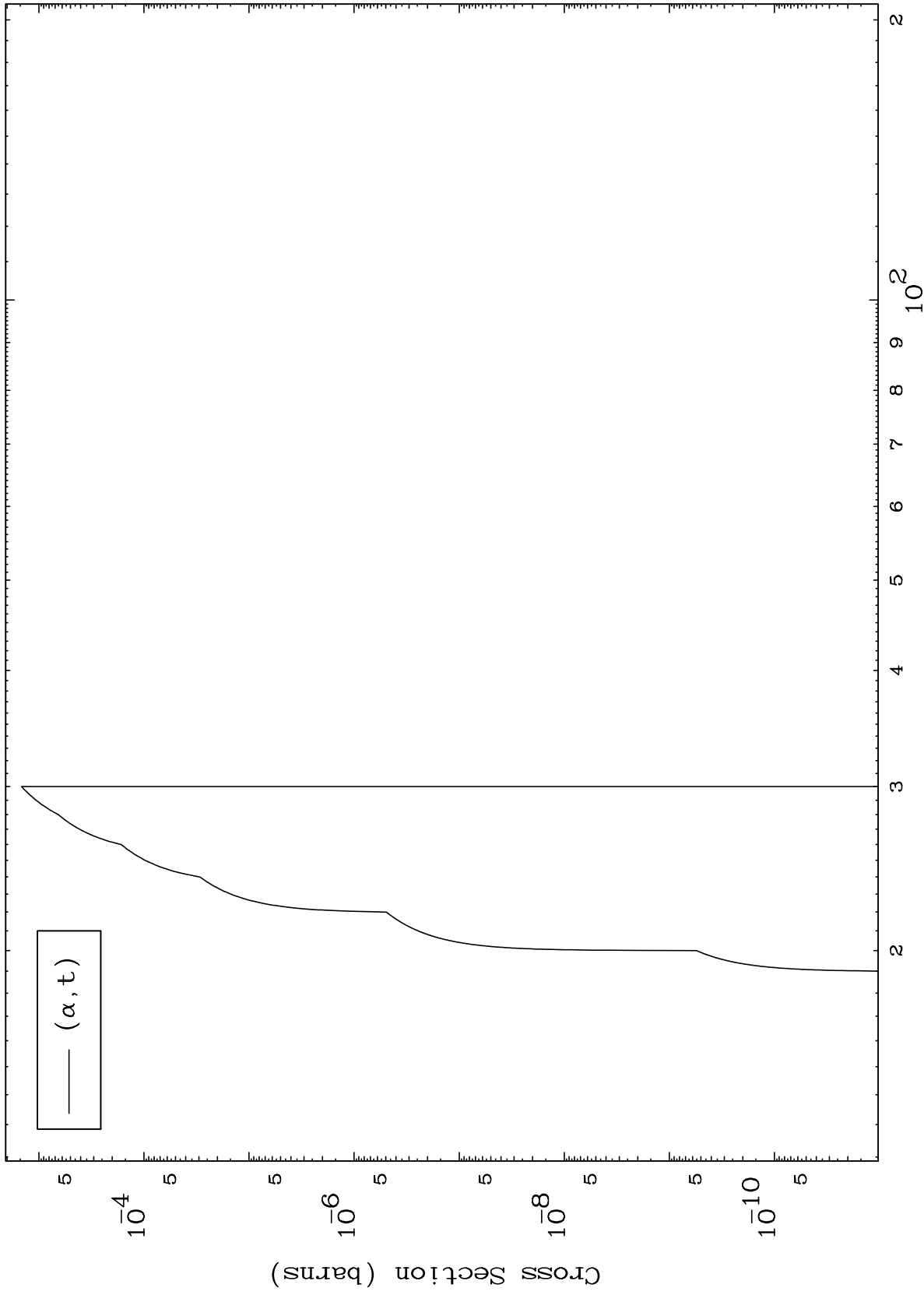
79-Au-199

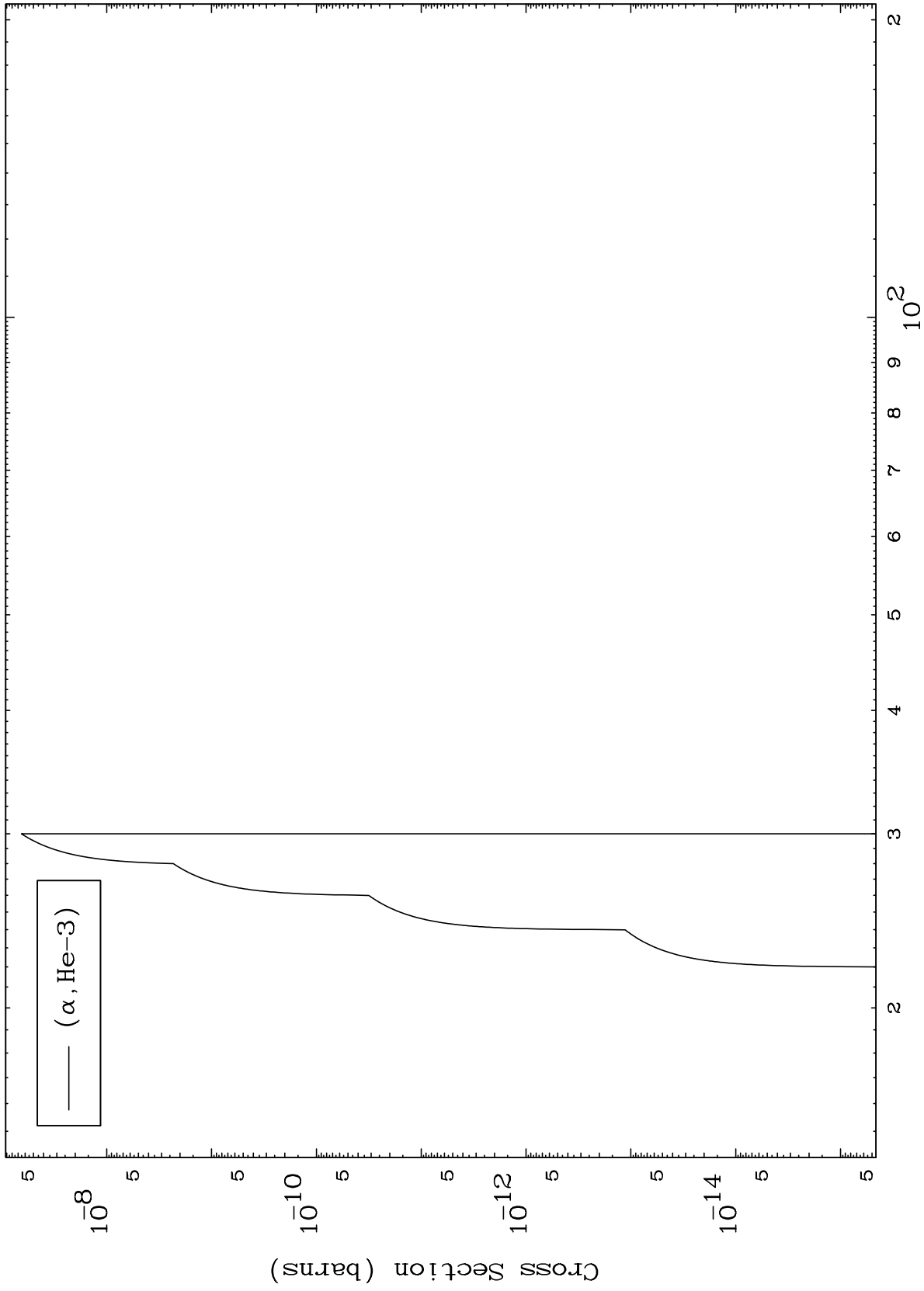


7

Incident Energy (MeV)

79-Au-199

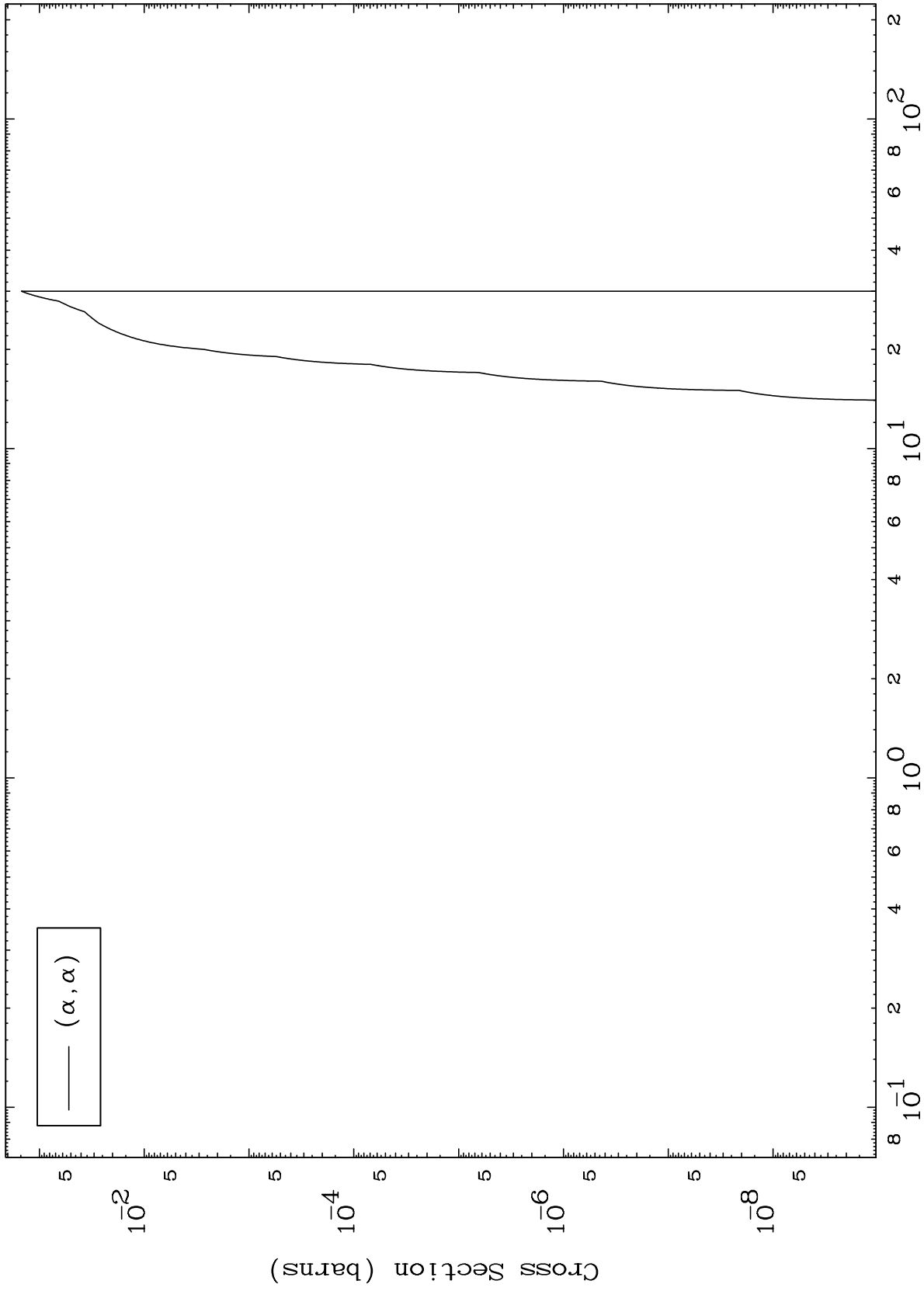




MAT 7931

(α, α) Levels
0 Kelvin Cross Sections

79-Au-199



10

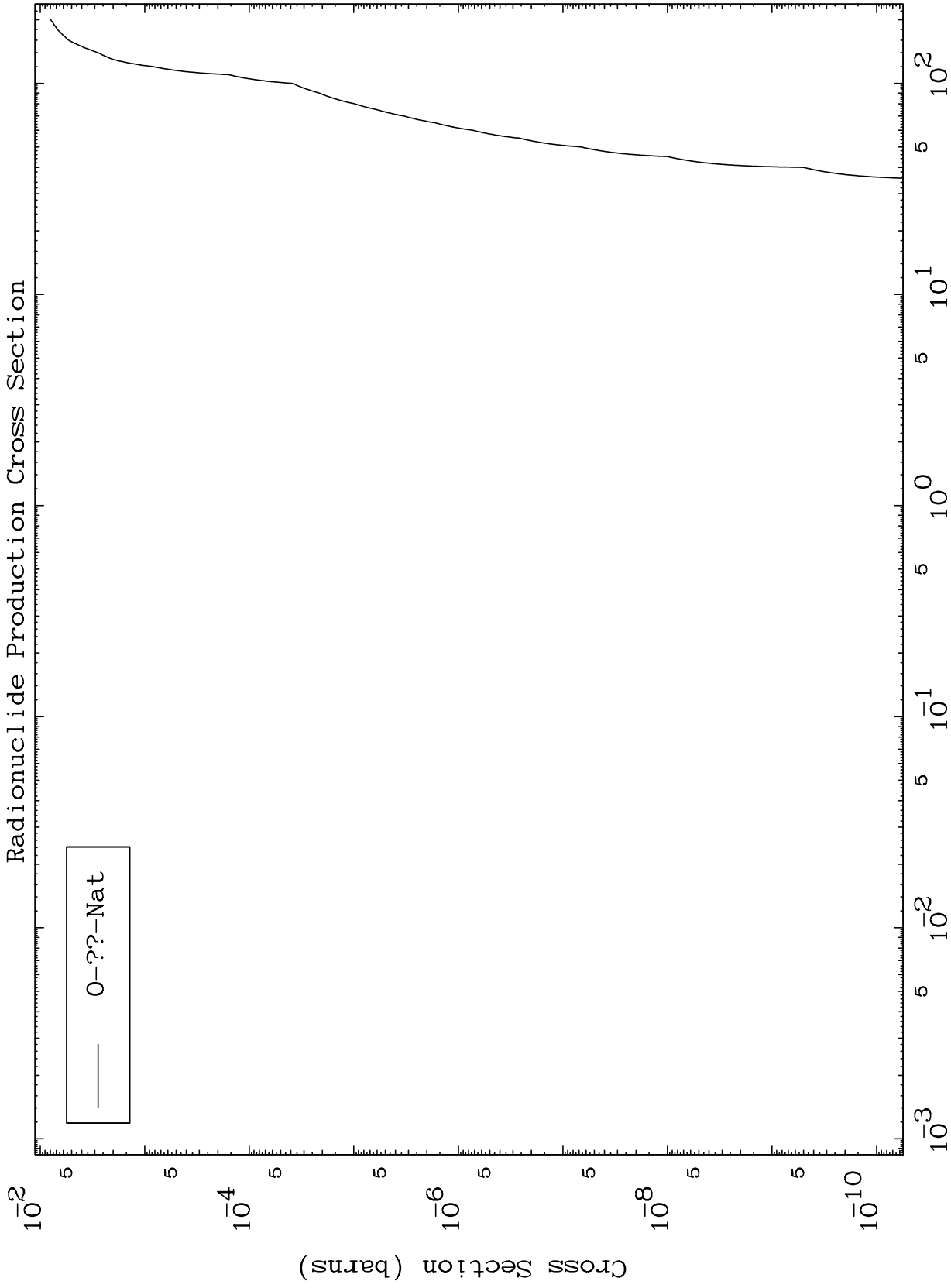
Incident Energy (MeV)

79-Au-199

MAT 7931

α Fission
Radionuclide Production Cross Section

79-Au-199



11

Incident Energy (MeV)

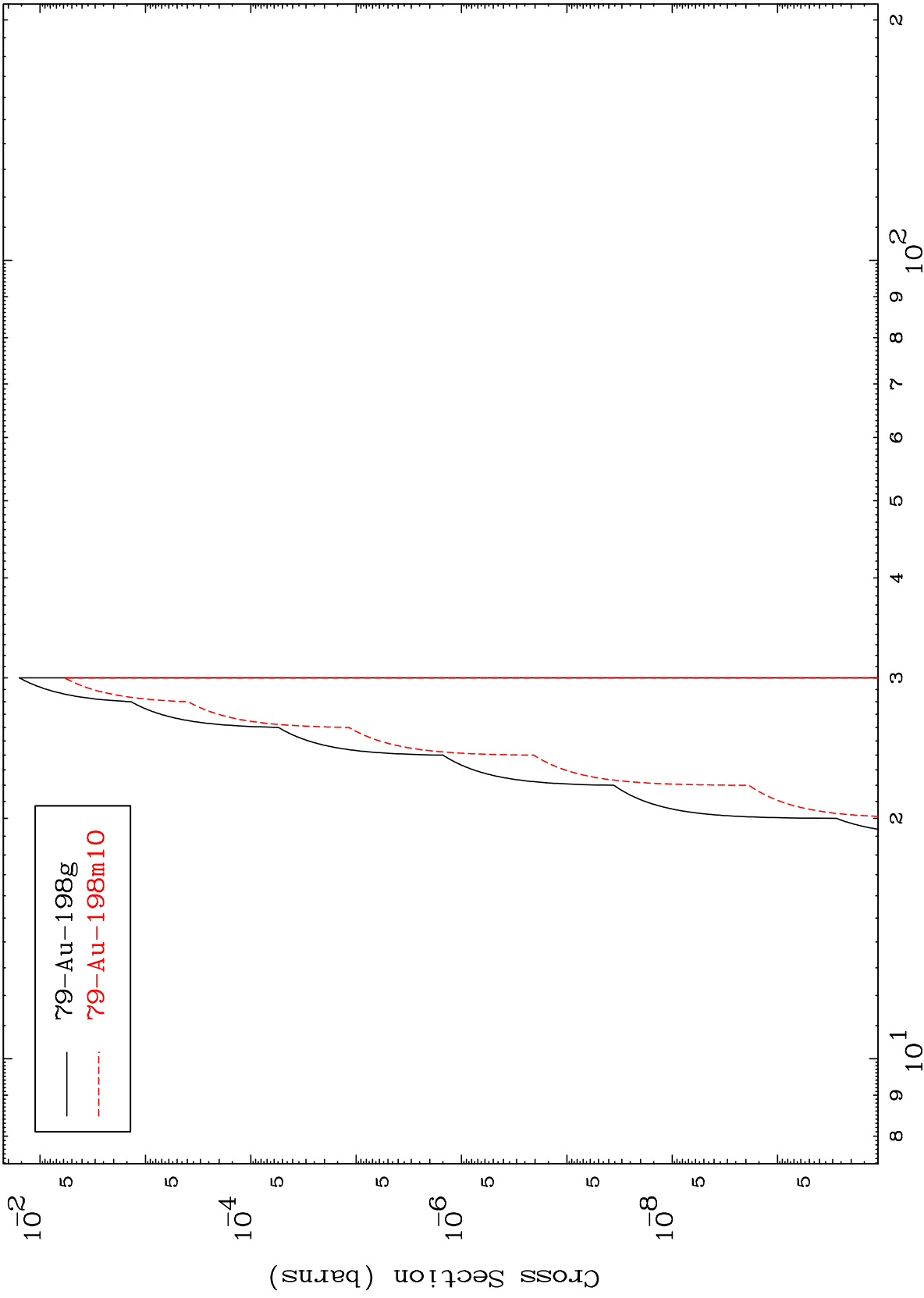
79-Au-199

MAT 7931

(α, n') α

$^{79}\text{Au-199}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

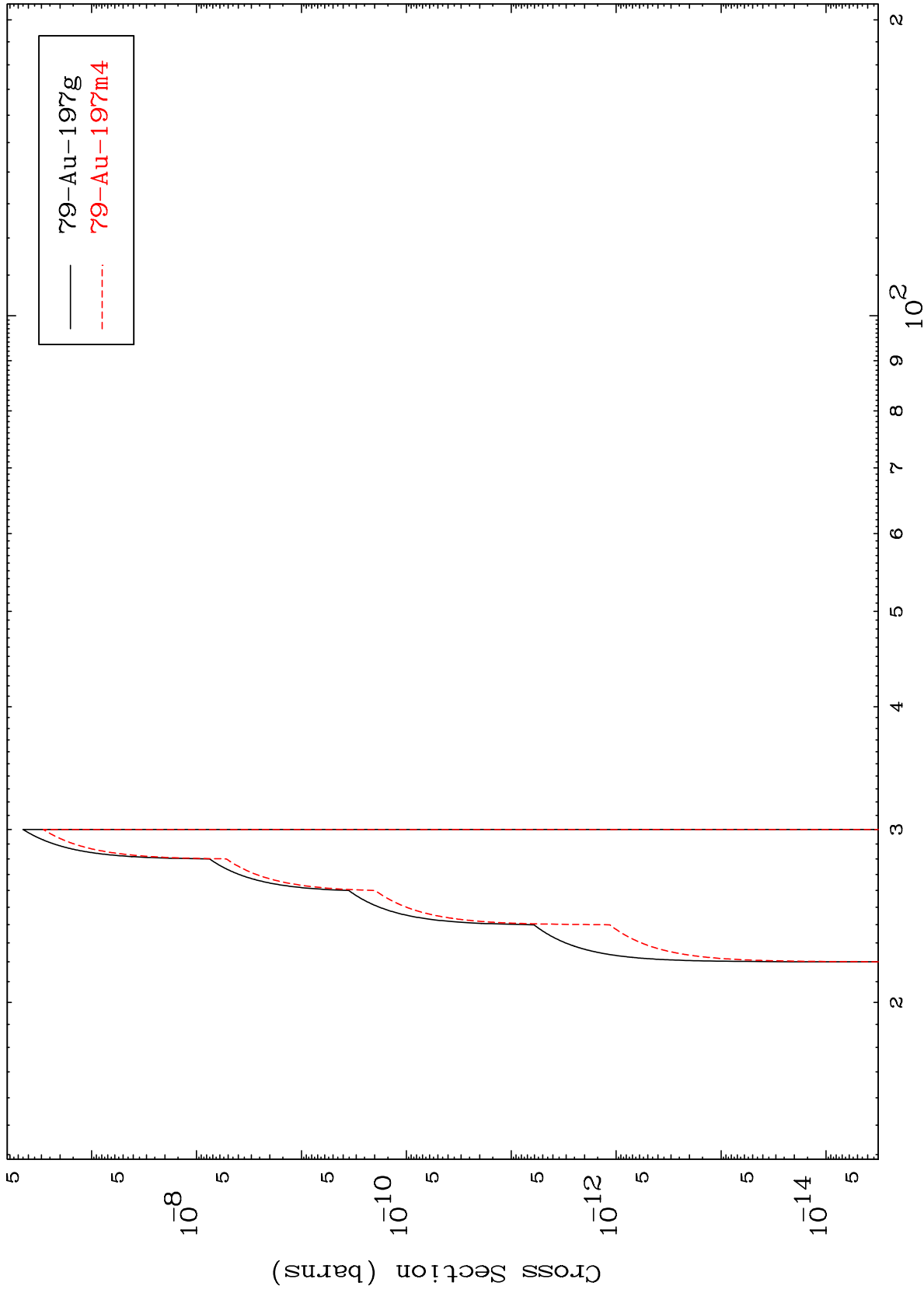
$^{79}\text{Au-199}$

MAT 7931

$(\alpha, 2n) \alpha$

$^{79}\text{Au-199}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

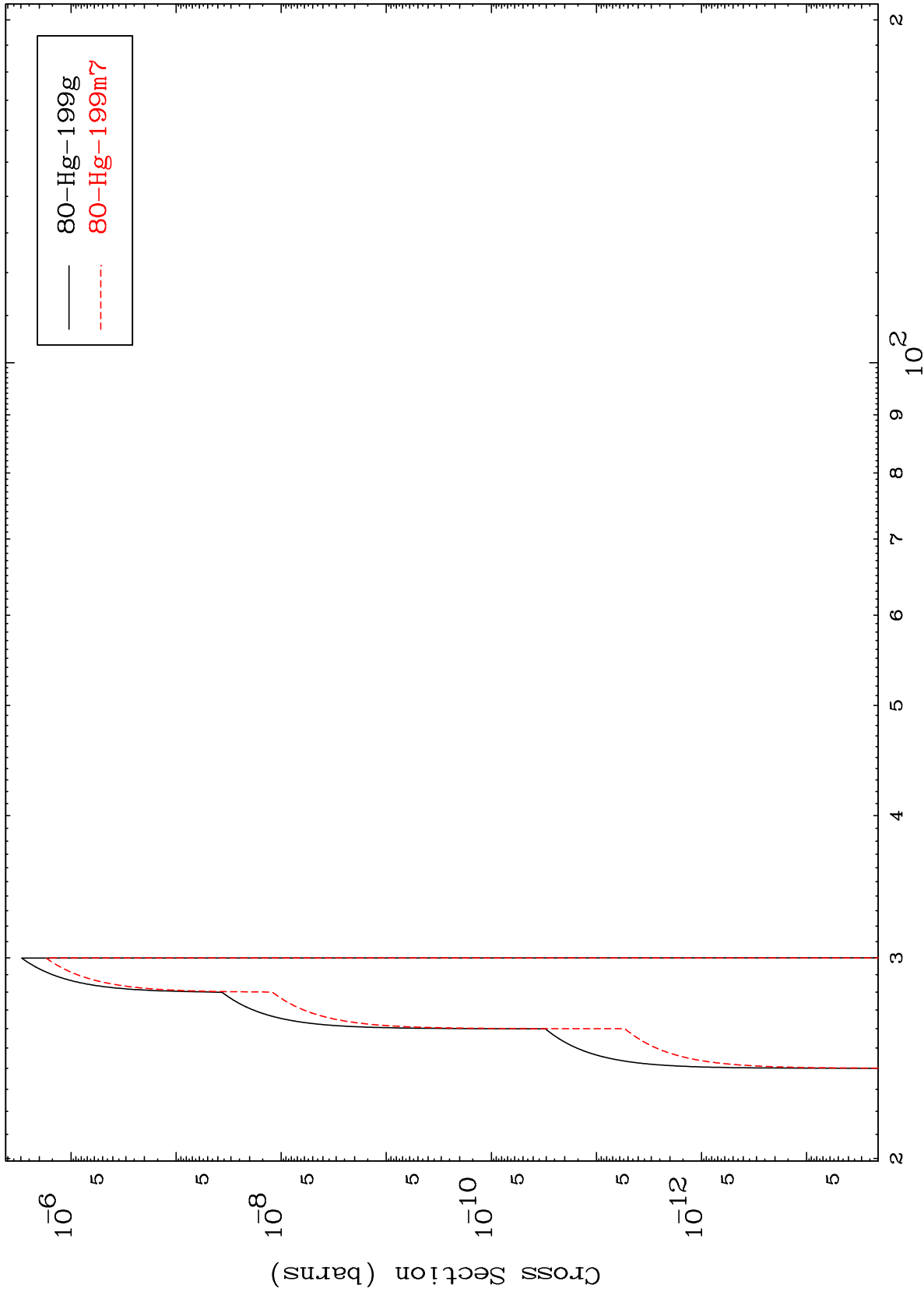
$^{79}\text{Au-199}$

MAT 7931

(α, n') t

79-Au-199

Radionuclide Production Cross Section



14

Incident Energy (MeV)

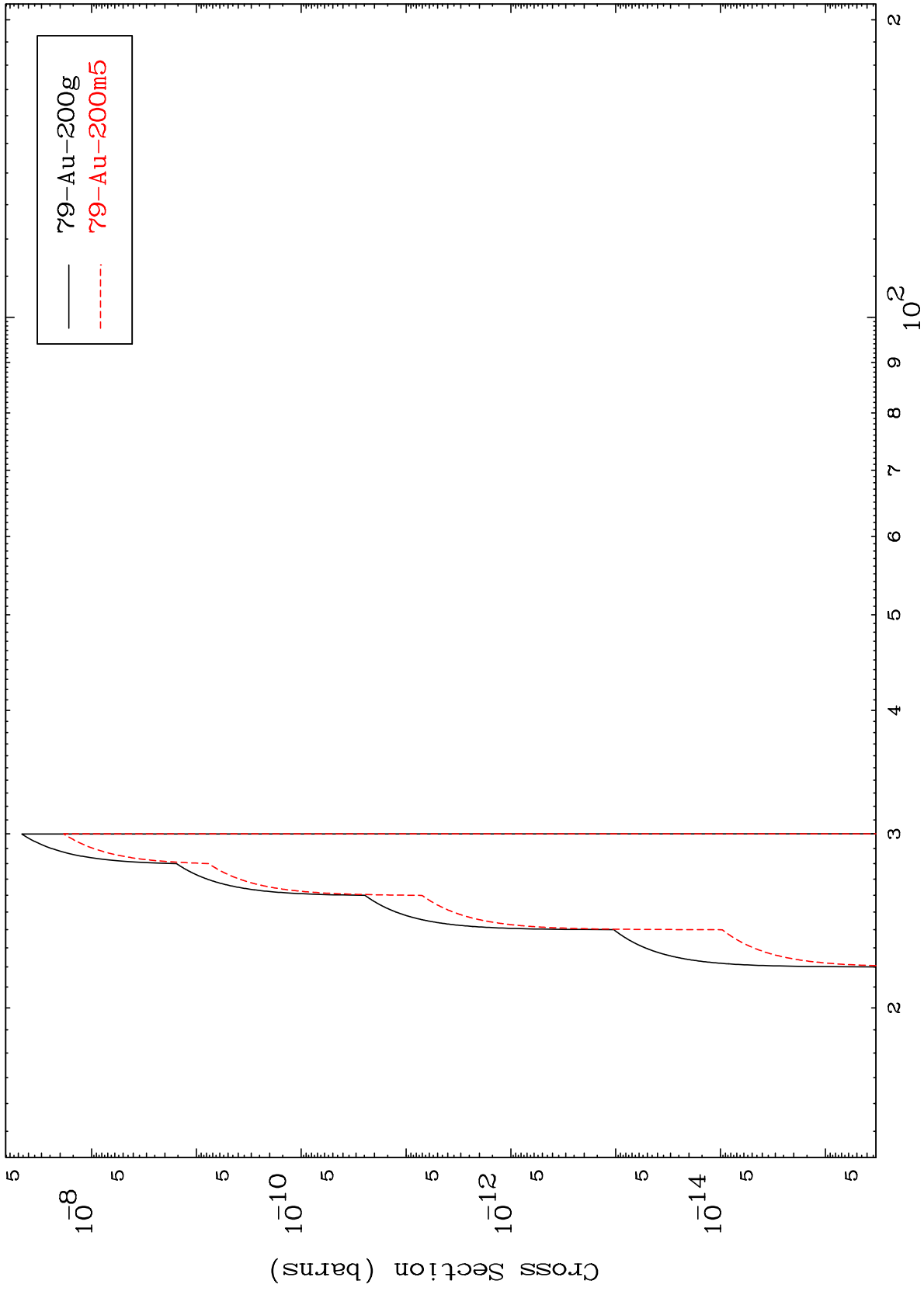
79-Au-199

MAT 7931

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

$^{79}\text{Au-199}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

$^{79}\text{Au-199}$