

Program EVALPLOT
(Version 2018-1)

by

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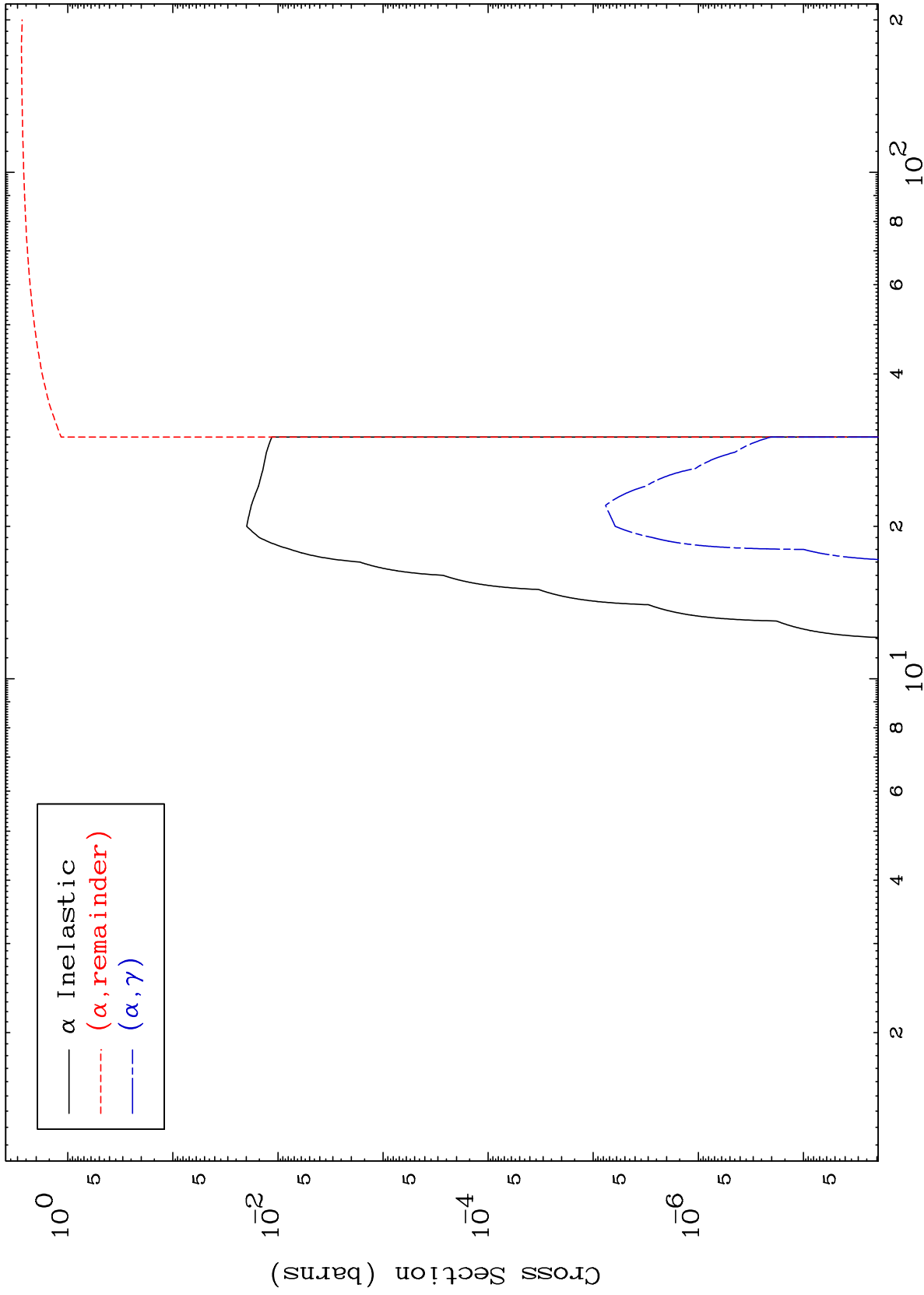
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7928

0 Kelvin α Major
Cross Sections

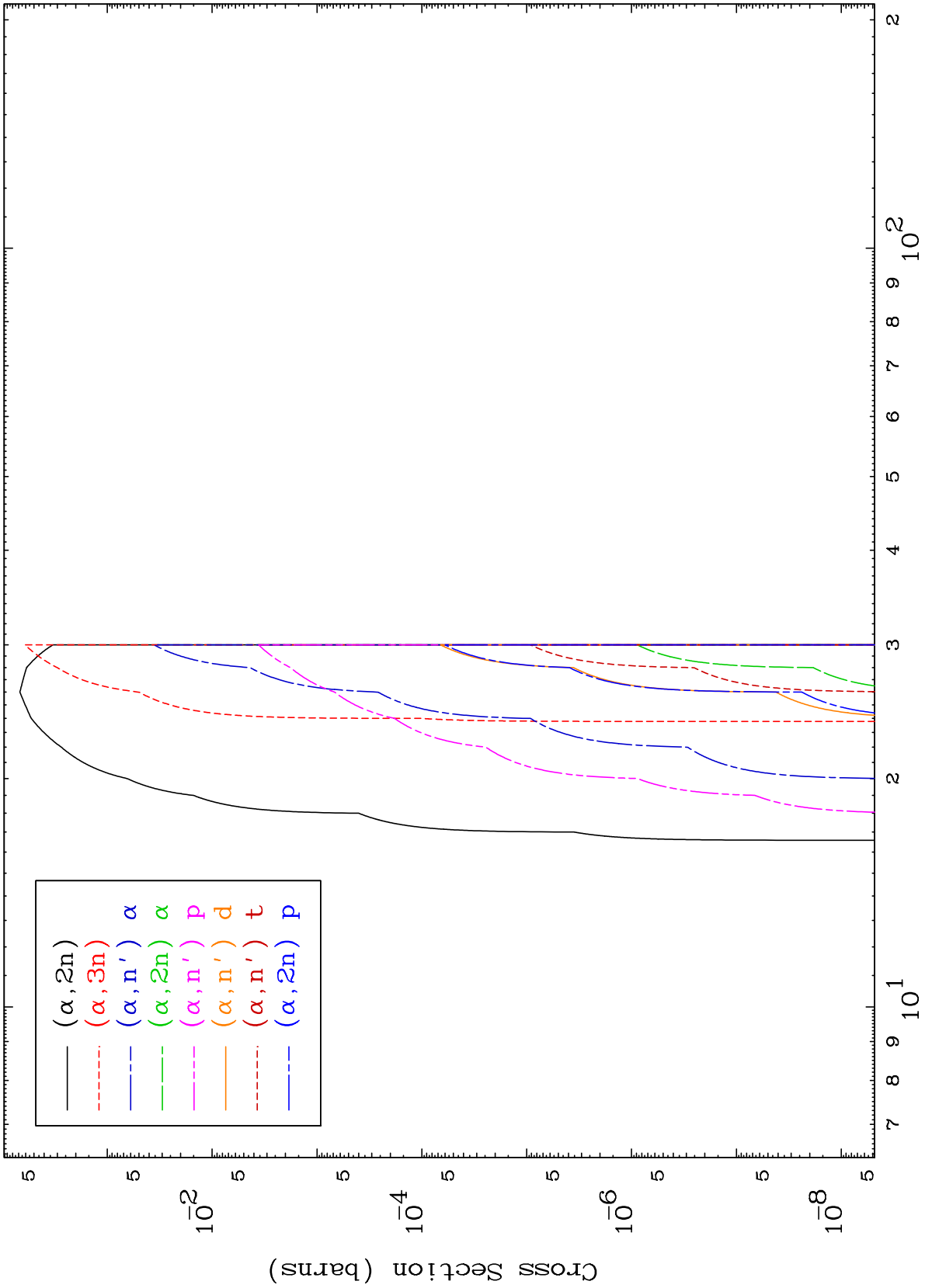
79-Au-198



1

Incident Energy (MeV)

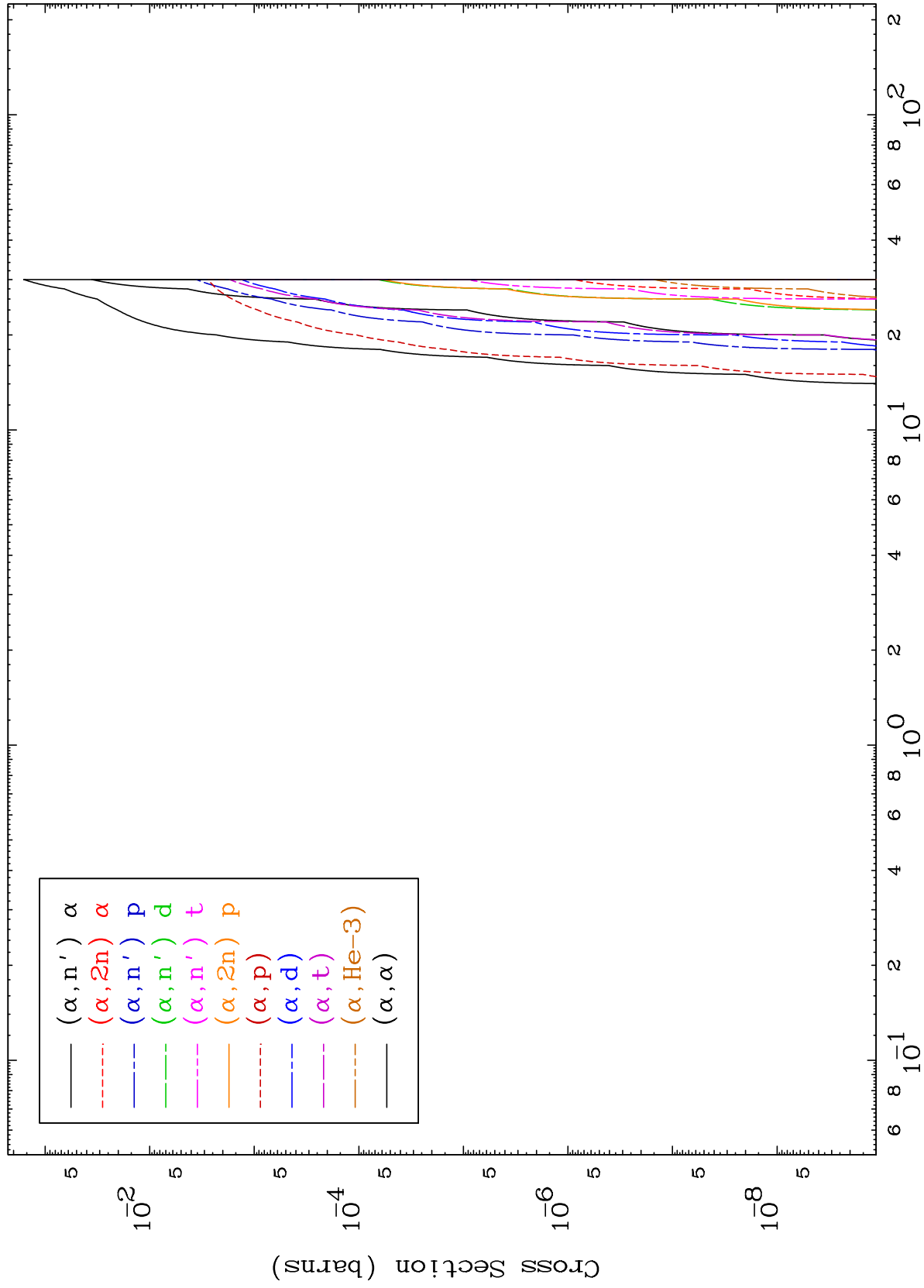
79-Au-198



MAT 7928

α Charged Particle
0 Kelvin Cross Sections

79-Au-198



3

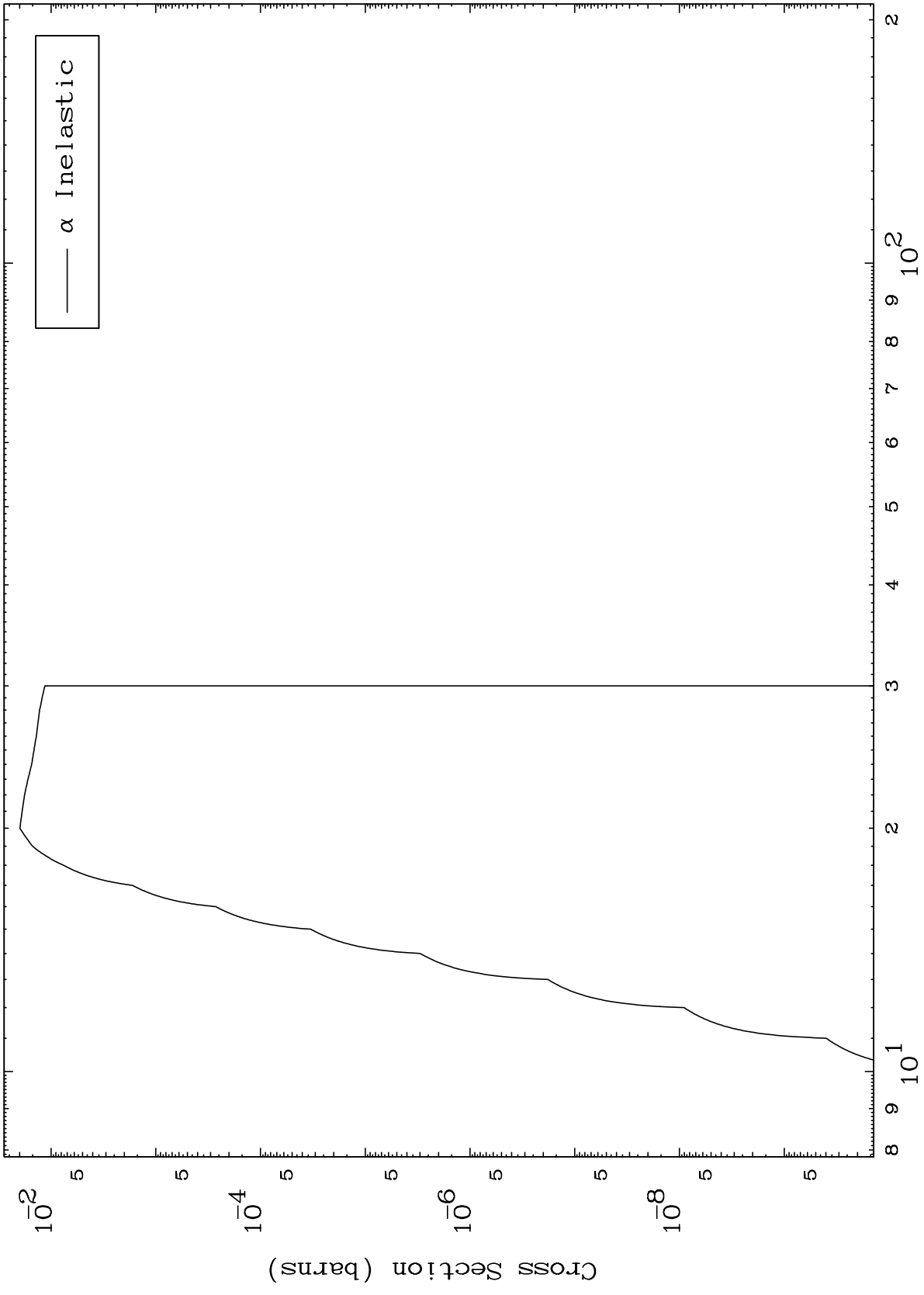
Incident Energy (MeV)

79-Au-198

MAT 7928

(α, n') Level
0 Kelvin Cross Sections

79-Au-198



4

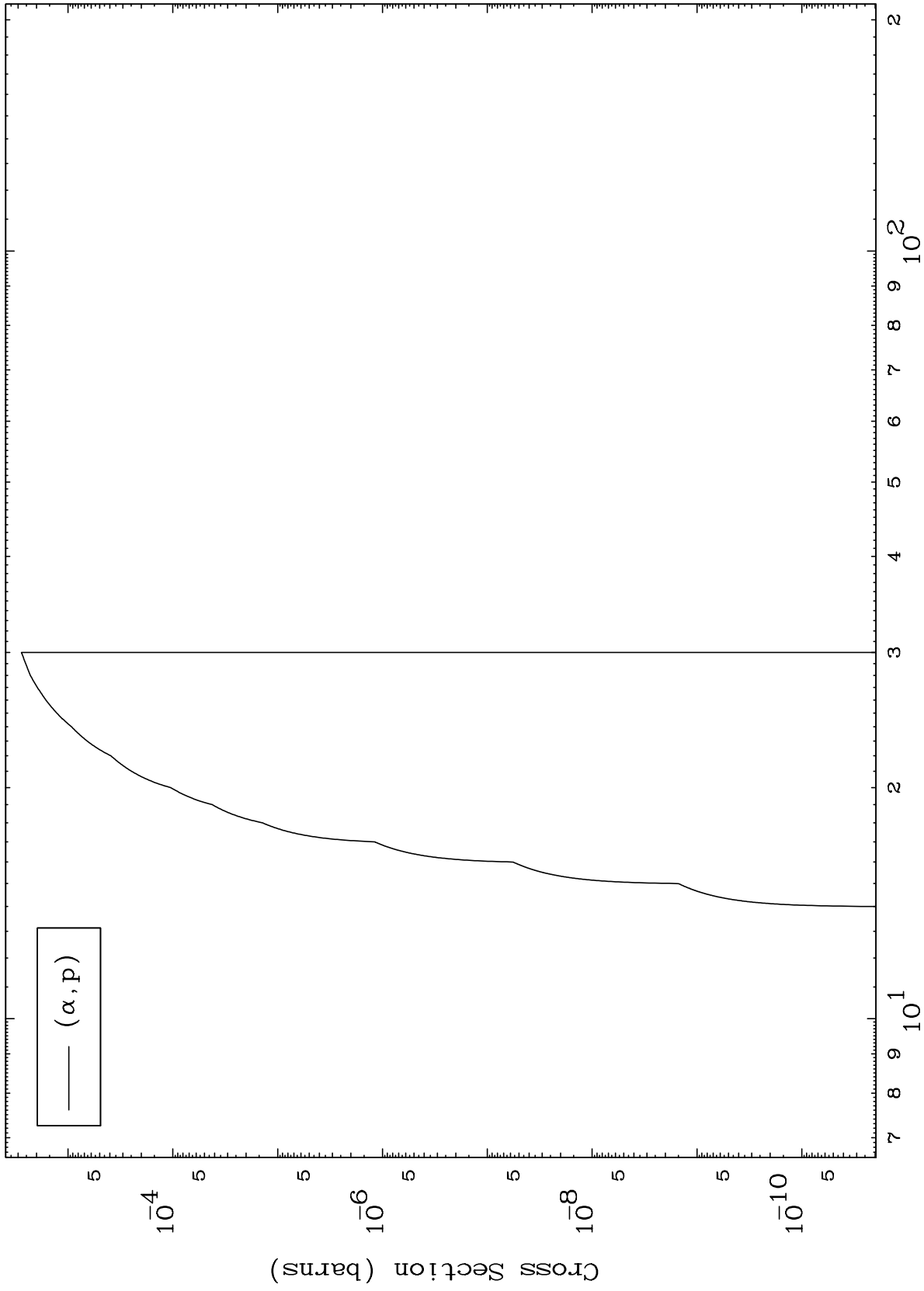
Incident Energy (MeV)

79-Au-198

MAT 7928

(α, p) Levels
0 Kelvin Cross Sections

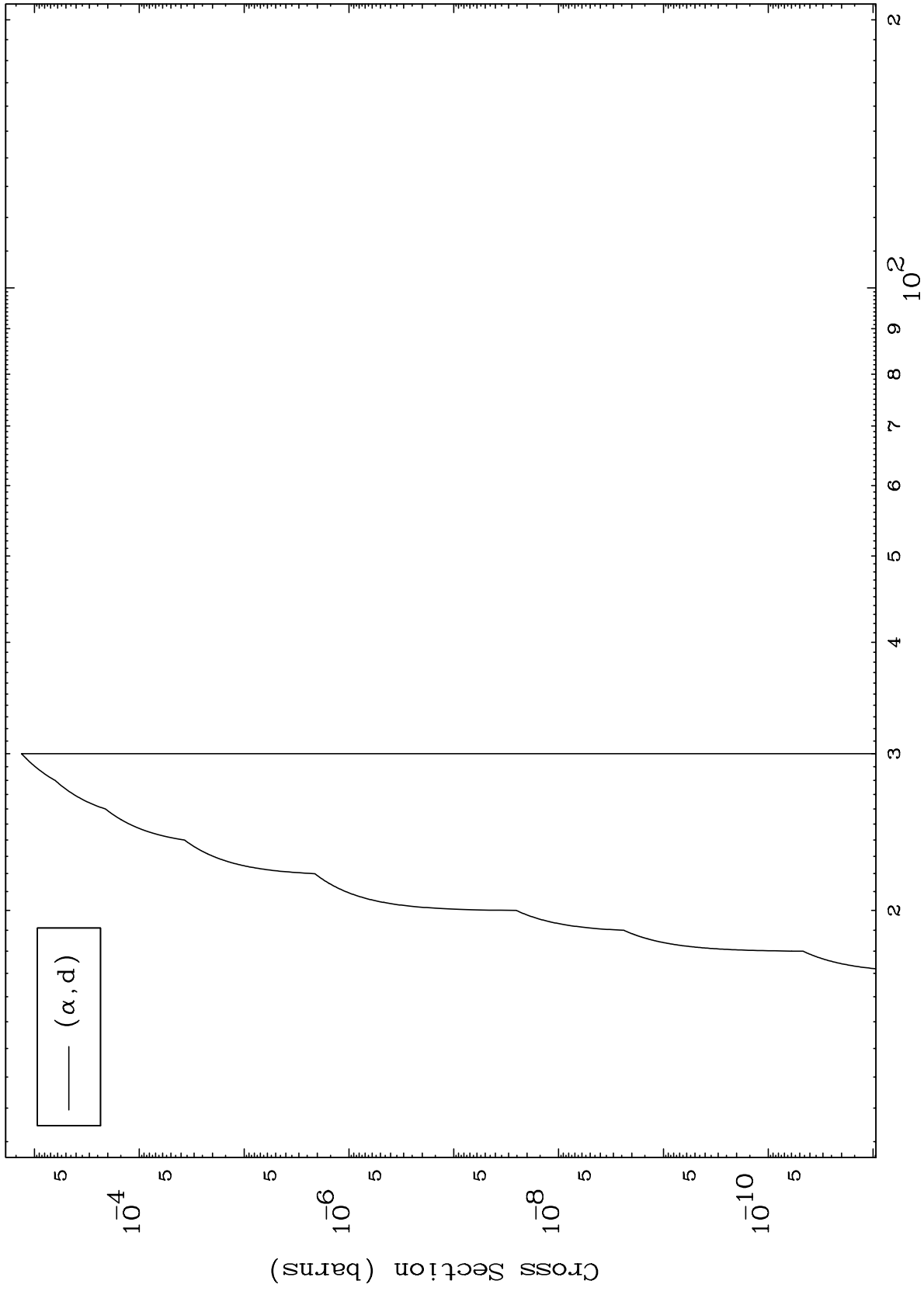
79-Au-198



5

Incident Energy (MeV)

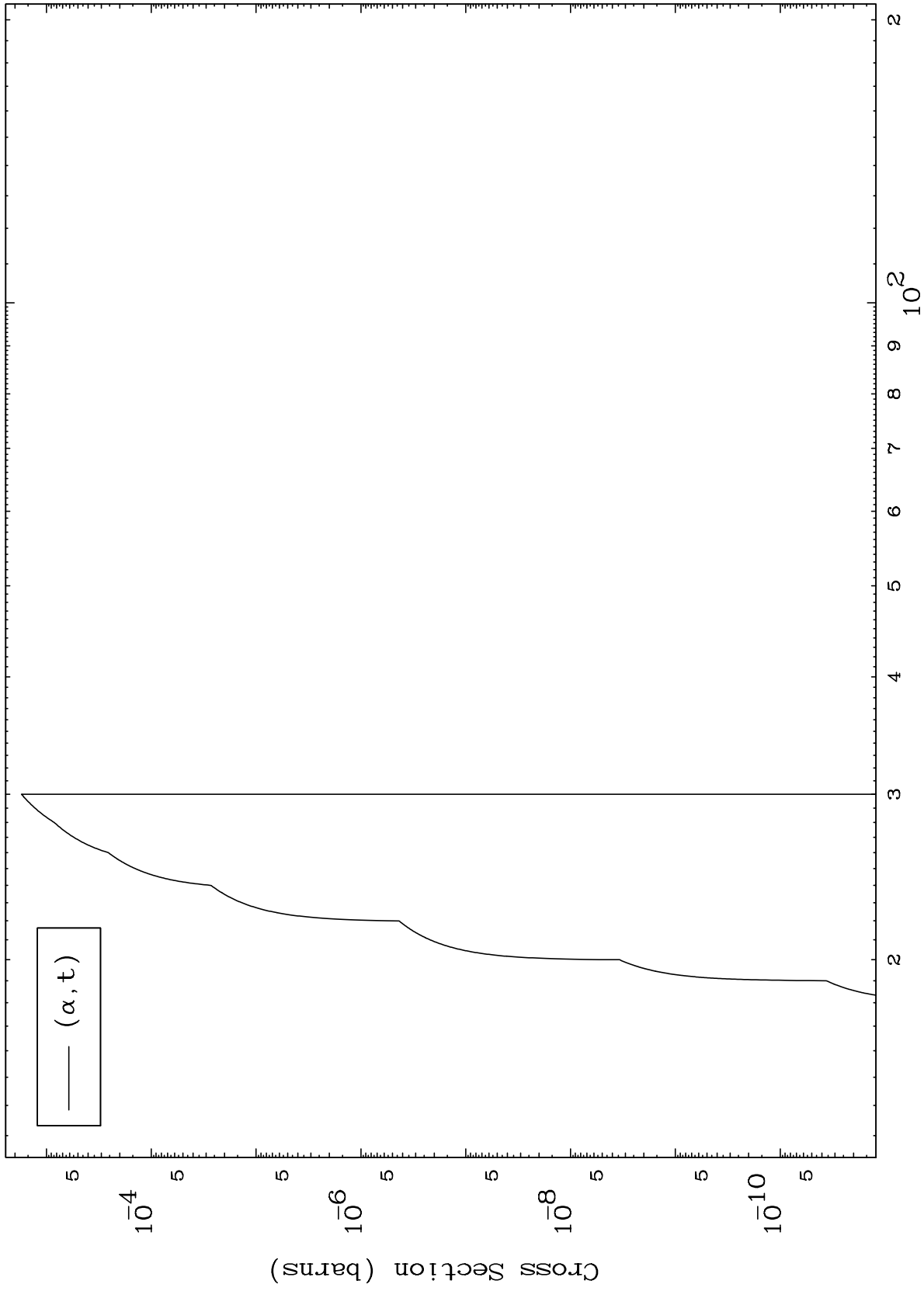
79-Au-198



MAT 7928

(α, t) Levels
0 Kelvin Cross Sections

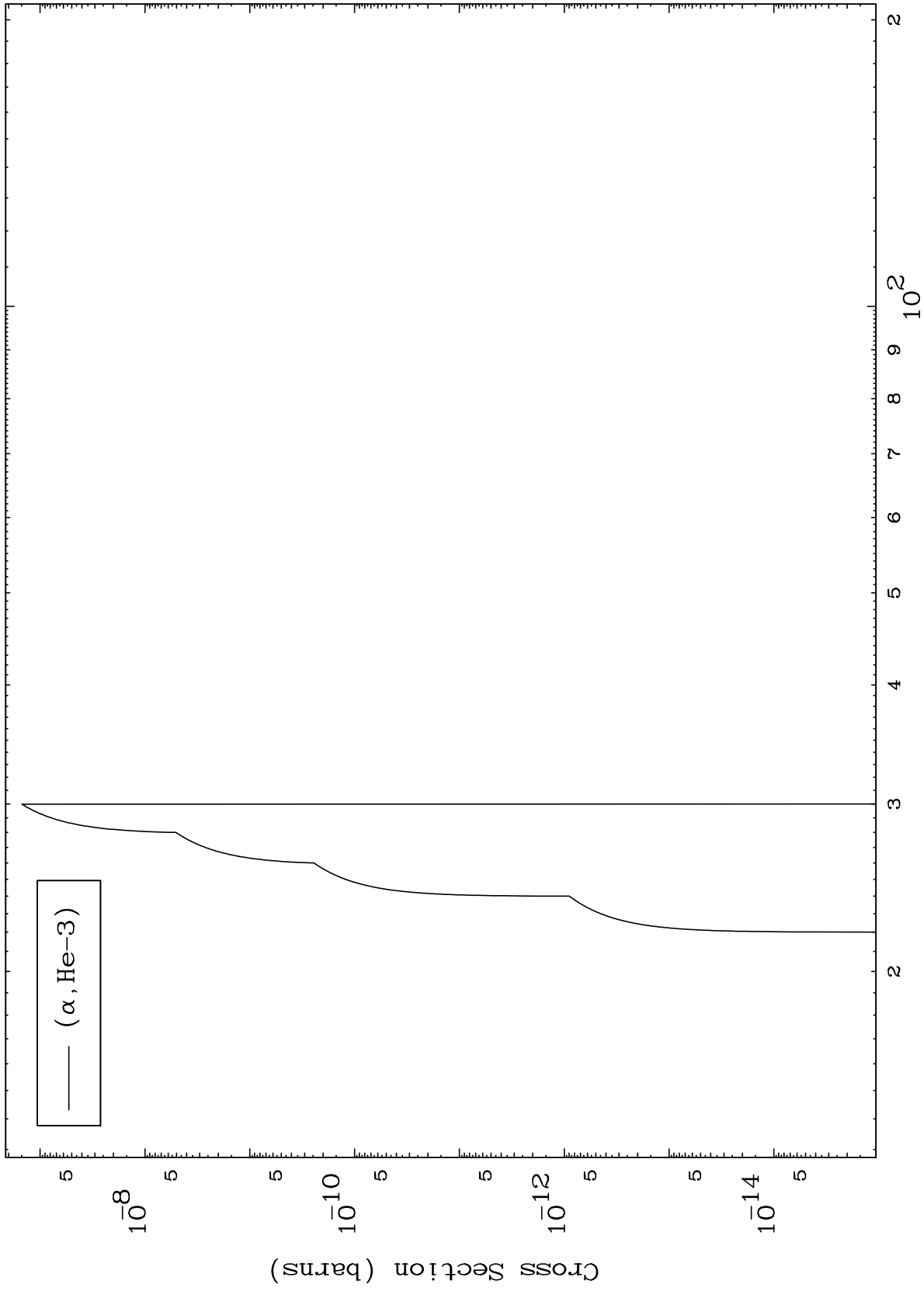
79-Au-198



7

Incident Energy (MeV)

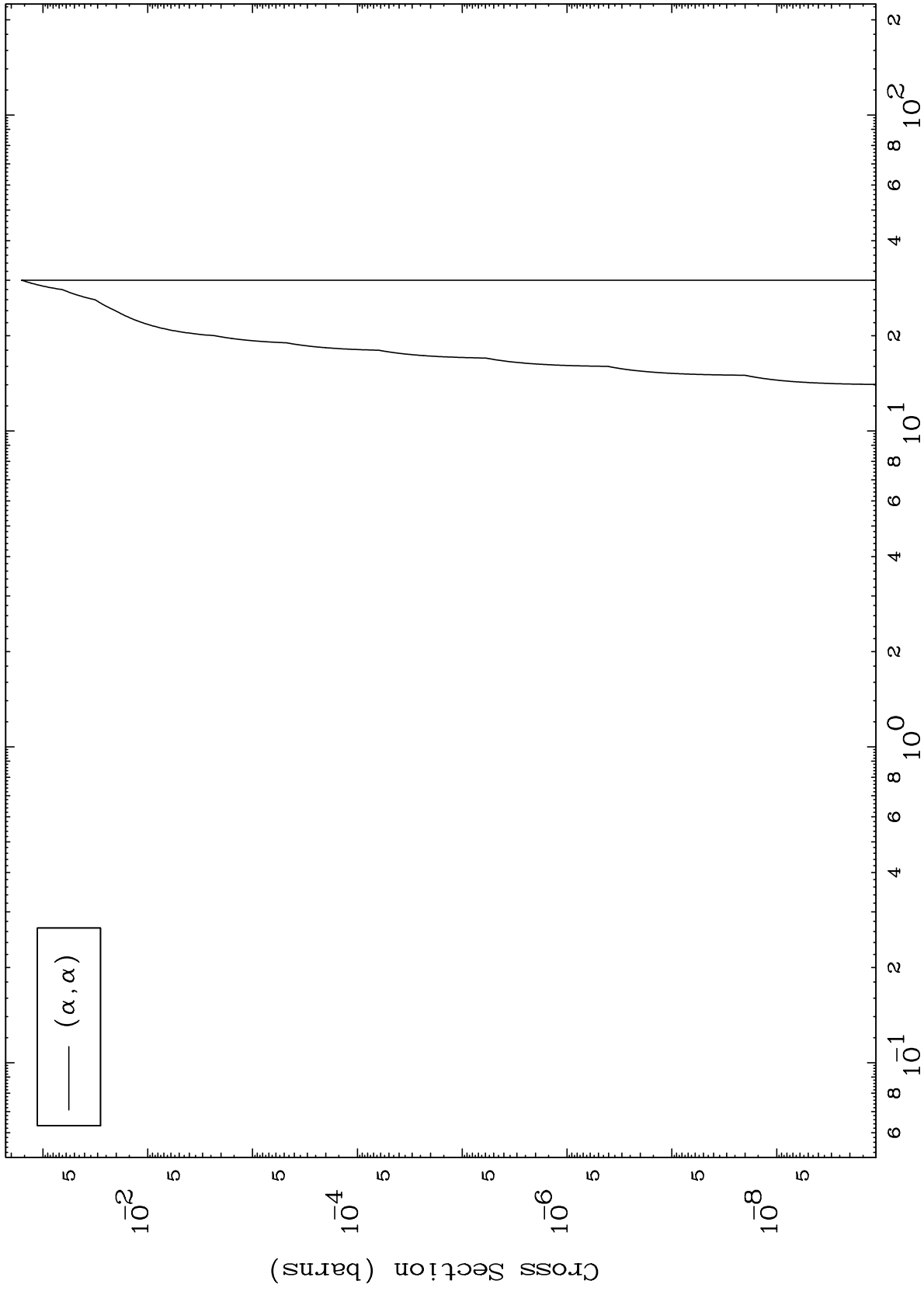
79-Au-198



MAT 7928

(α, α) Levels
0 Kelvin Cross Sections

79-Au-198



9

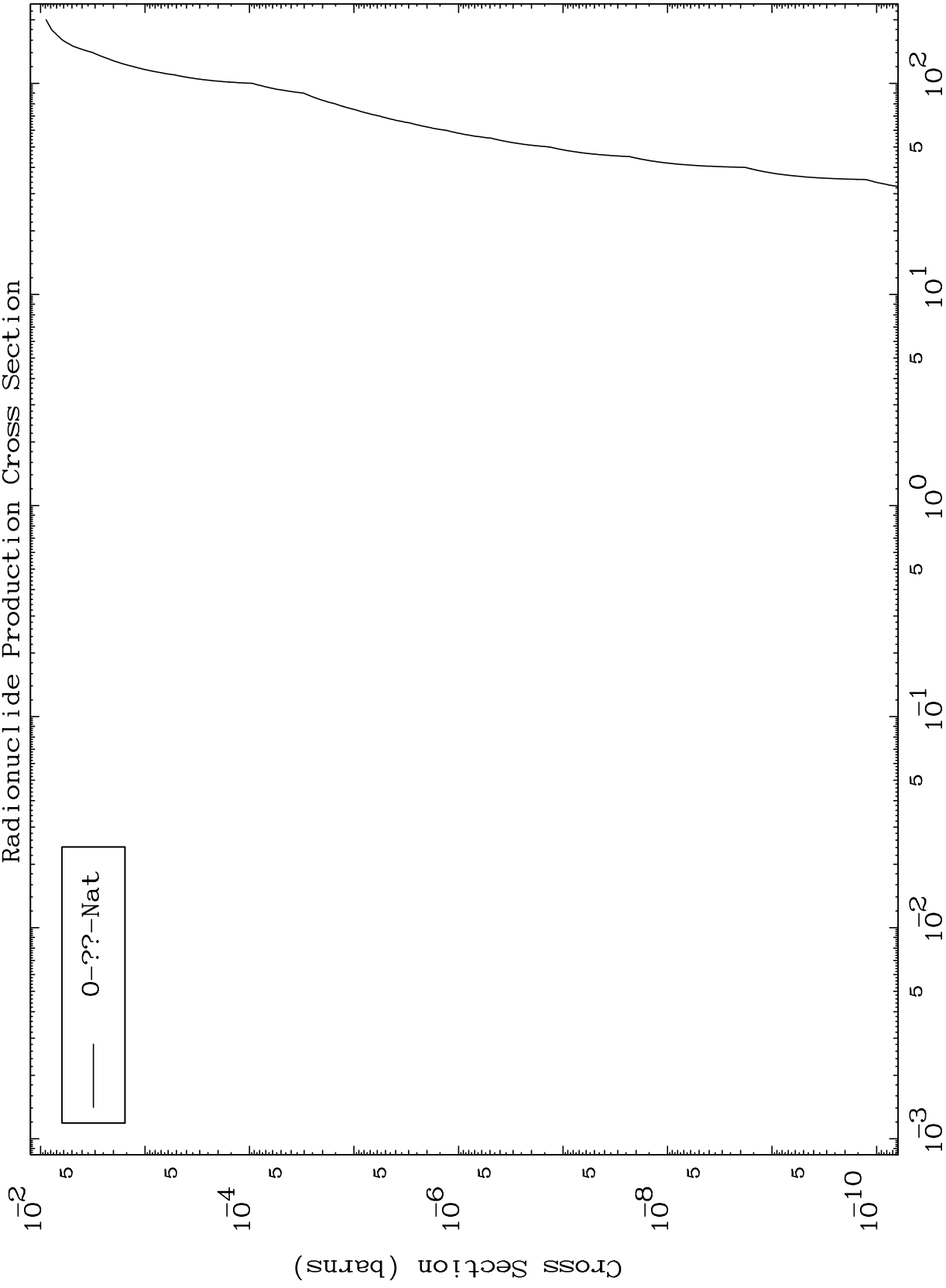
Incident Energy (MeV)

79-Au-198

MAT 7928

α Fission
Radionuclide Production Cross Section

79-Au-198



Incident Energy (MeV)

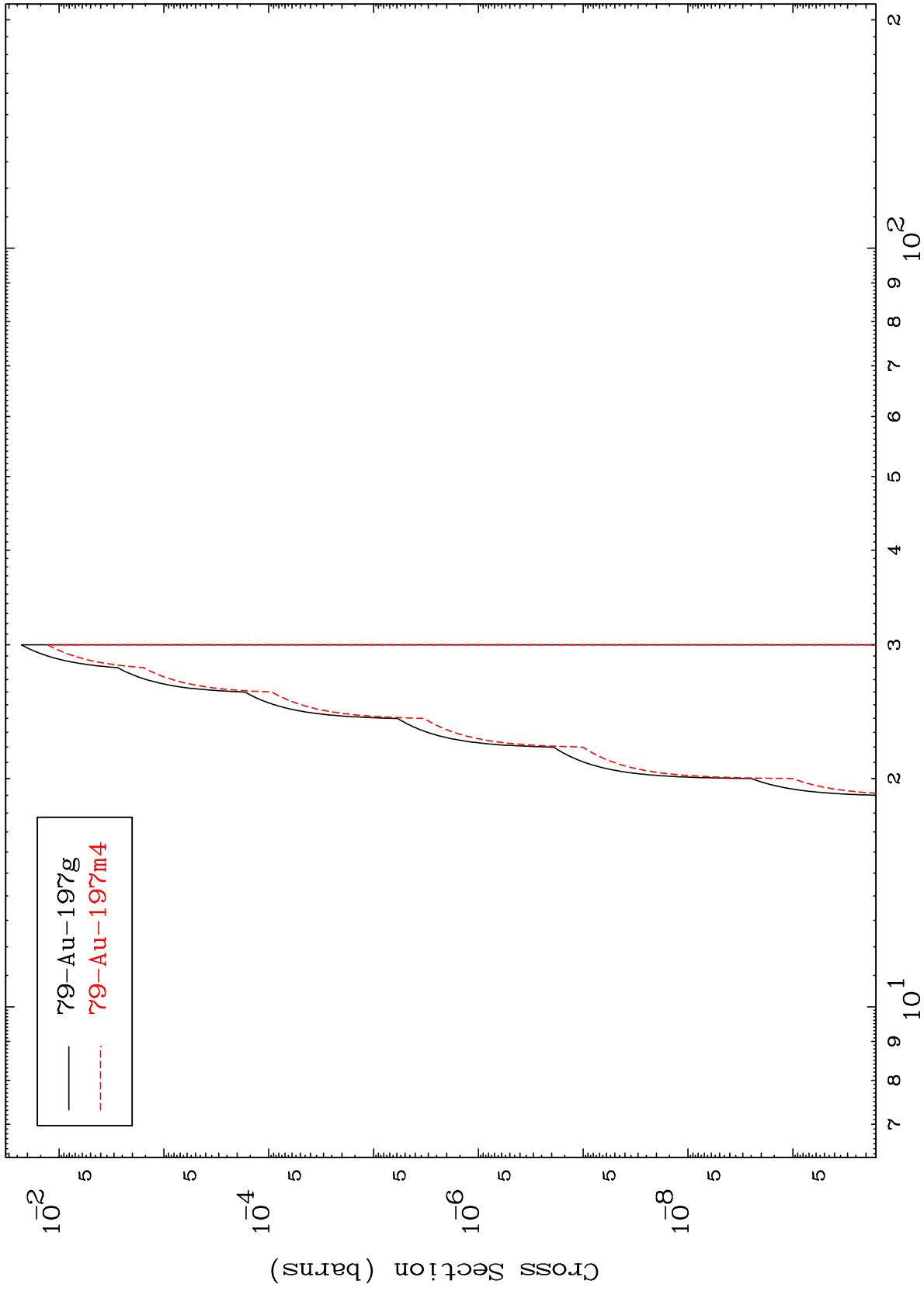
79-Au-198

MAT 7928

(α, n') α

⁷⁹Au-198

Radionuclide Production Cross Section



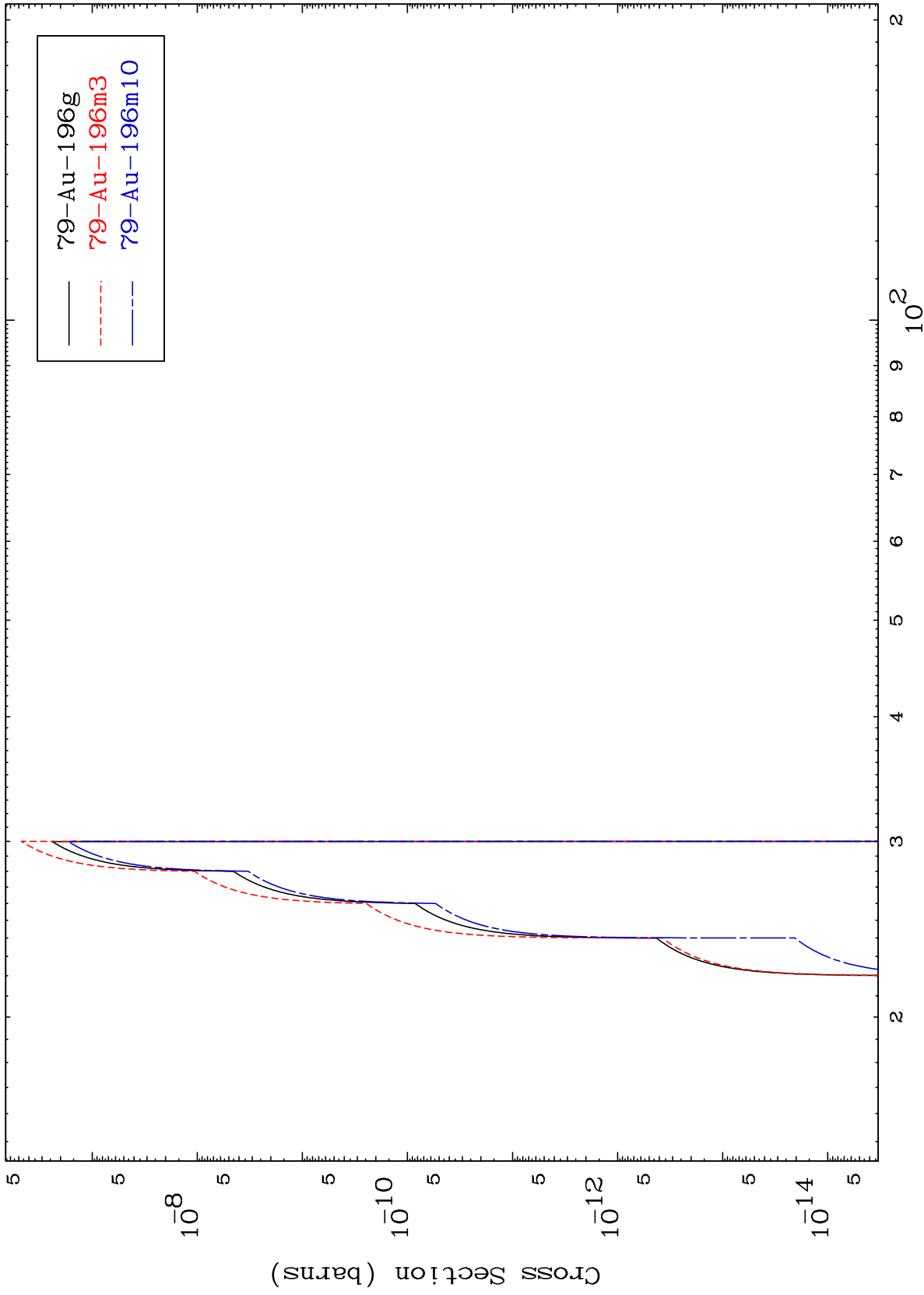
— ⁷⁹Au-197g
- - - ⁷⁹Au-197m4

MAT 7928

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

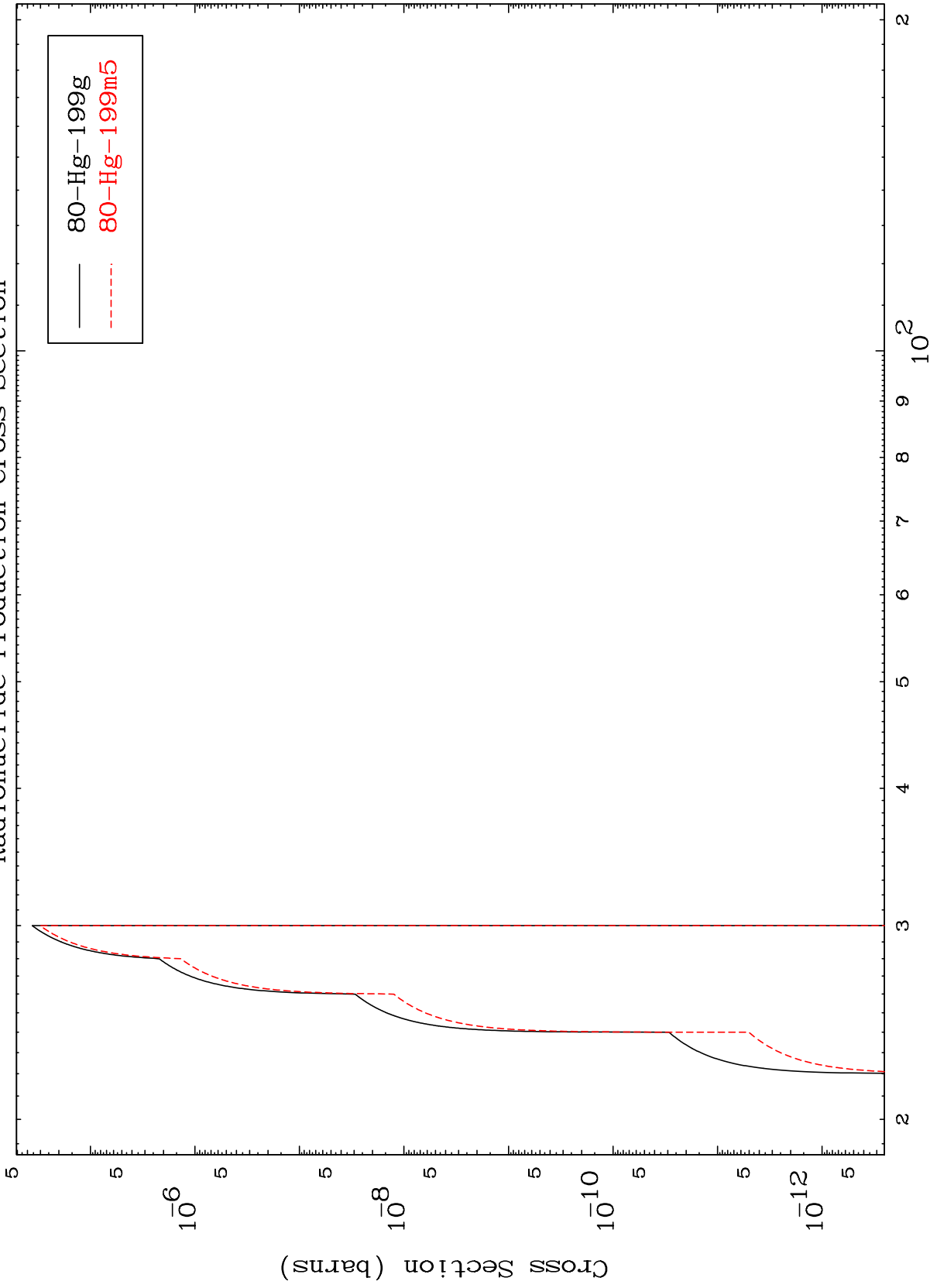
$^{79}\text{Au-198}$

MAT 7928

(α, n') d

79-Au-198

Radionuclide Production Cross Section



13

Incident Energy (MeV)

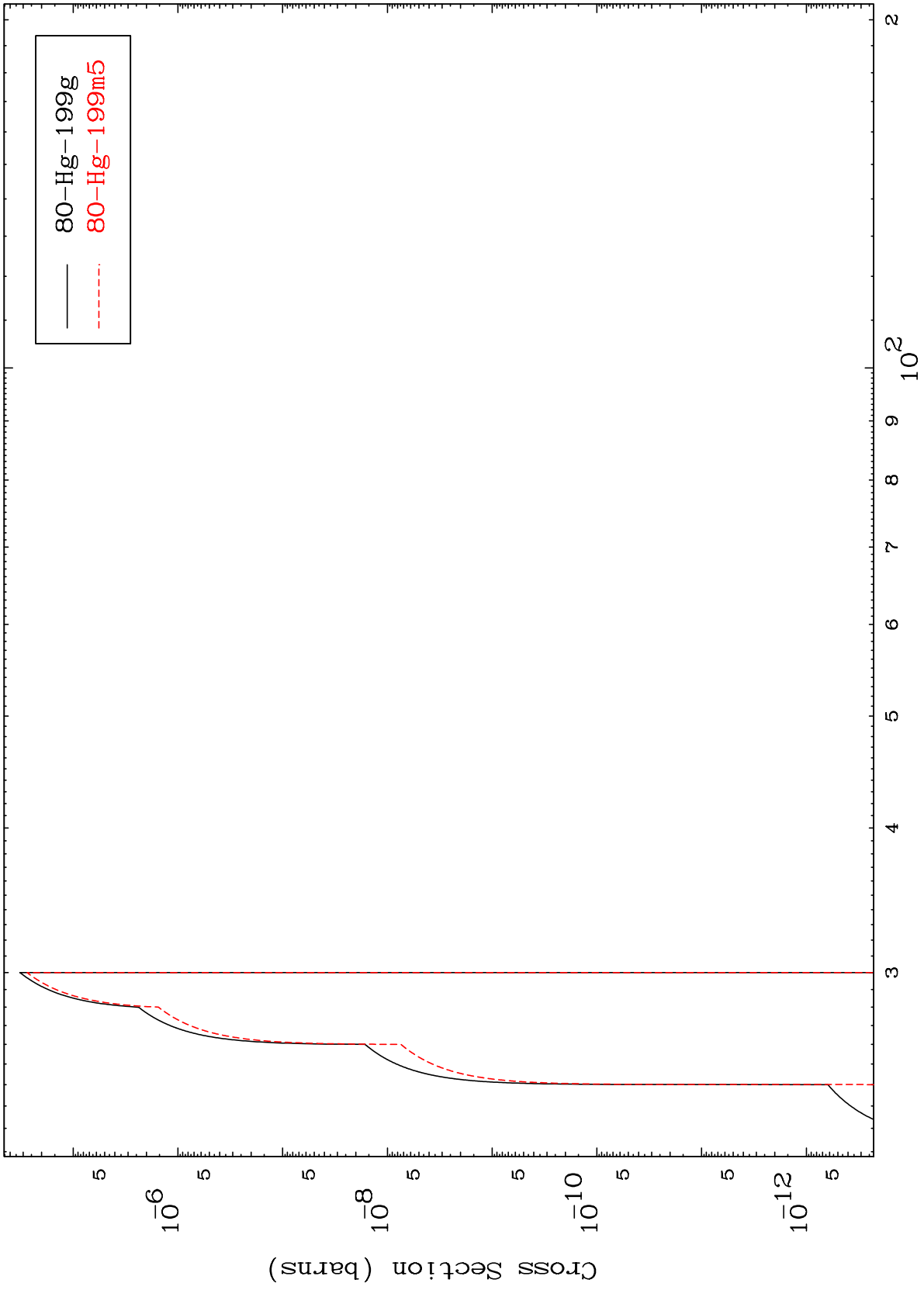
79-Au-198

MAT 7928

($\alpha, 2n$) p

79-Au-198

Radionuclide Production Cross Section



14

Incident Energy (MeV)

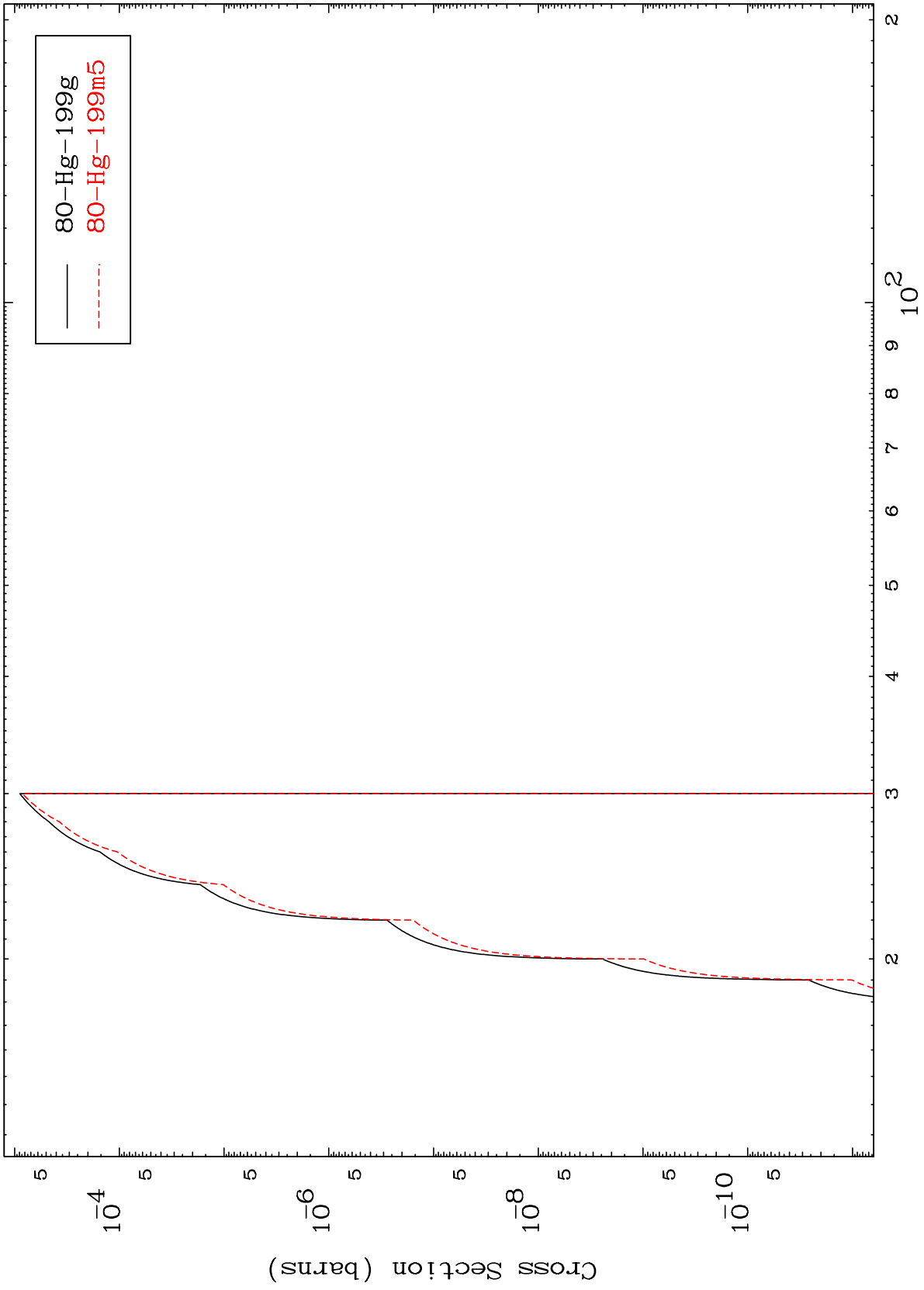
79-Au-198

MAT 7928

(α, t)

79-Au-198

Radionuclide Production Cross Section



15

Incident Energy (MeV)

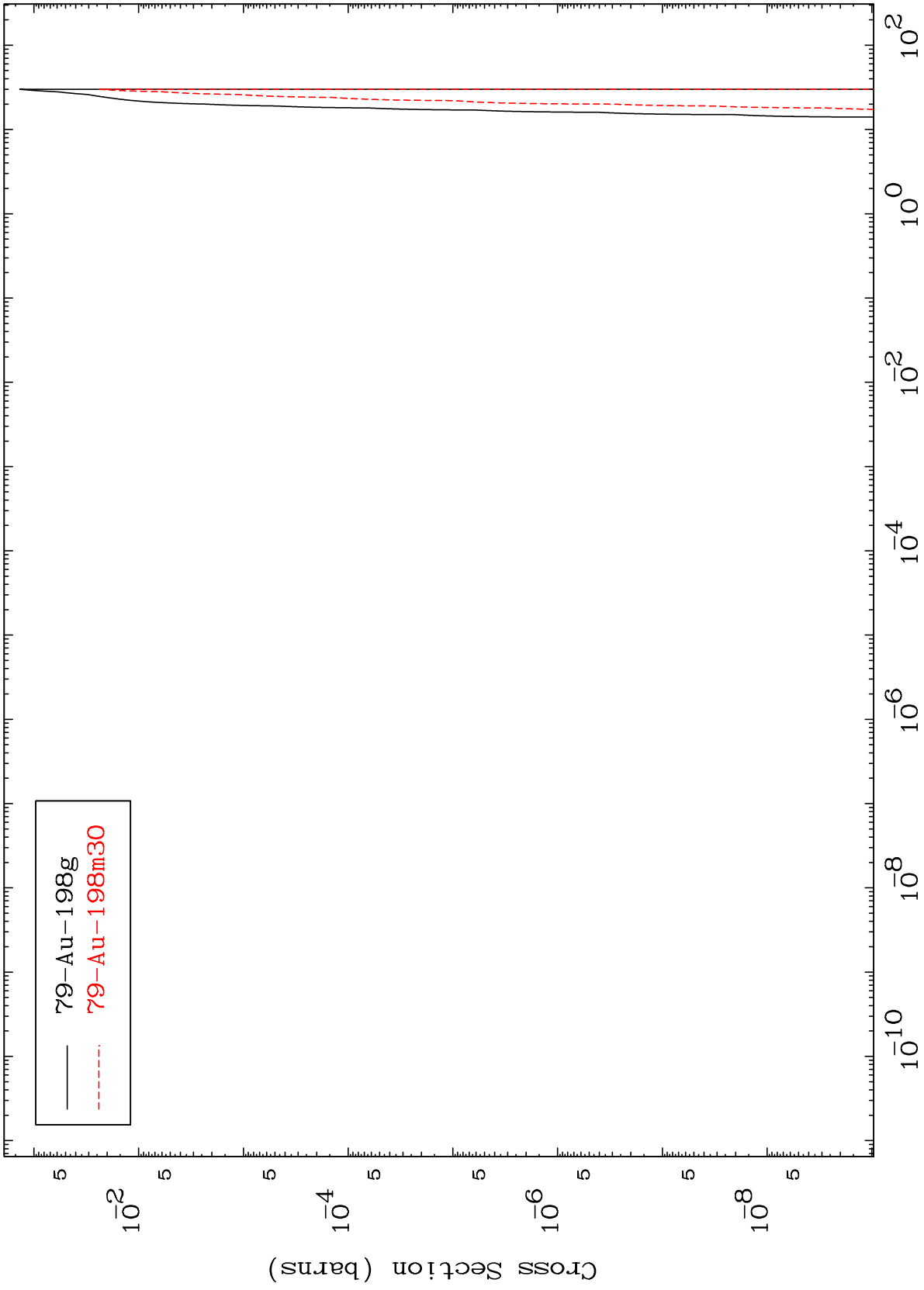
79-Au-198

MAT 7928

(α, α)

⁷⁹Au-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷⁹Au-198