

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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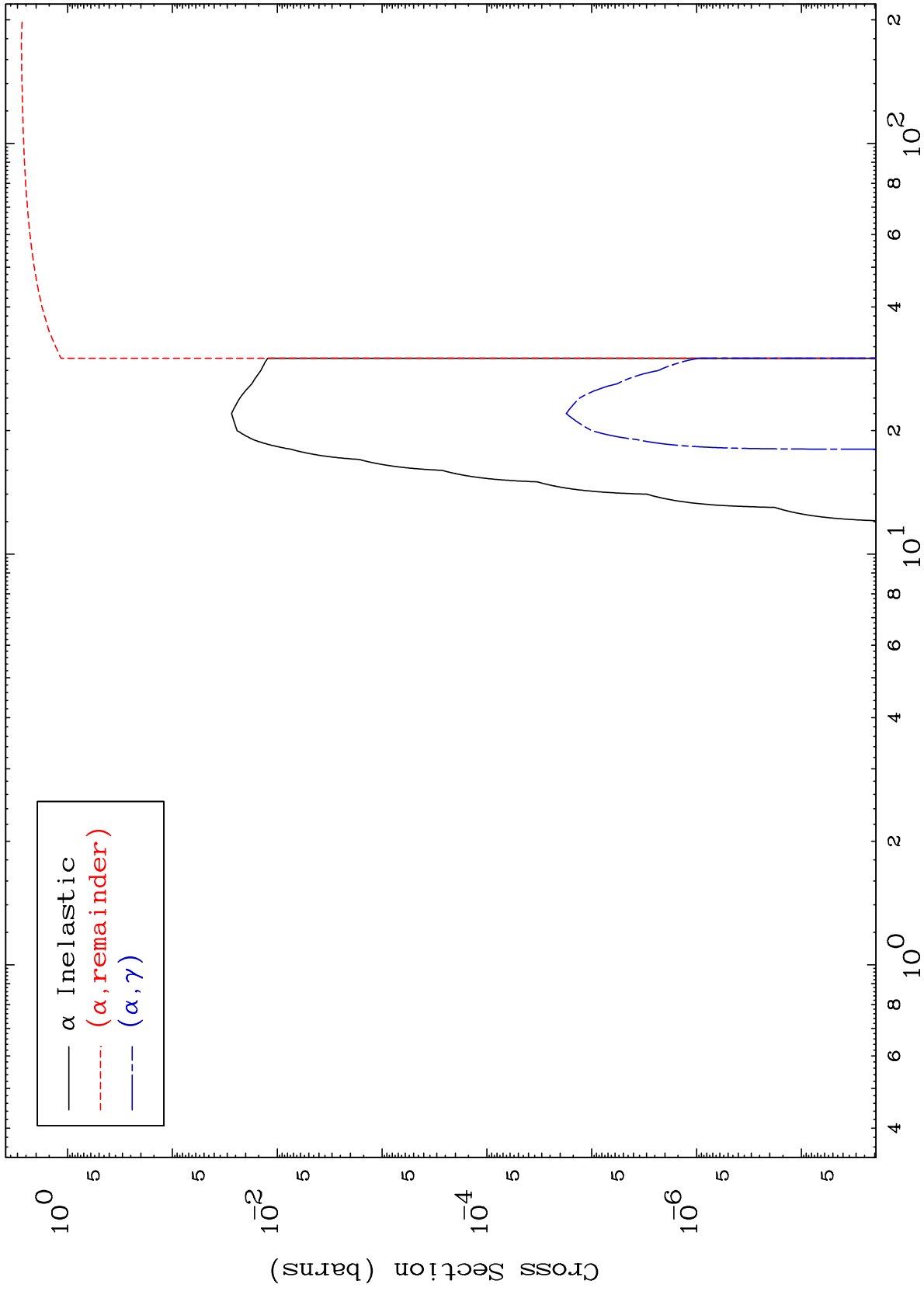
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7929

0 Kelvin  $\alpha$  Major  
Cross Sections

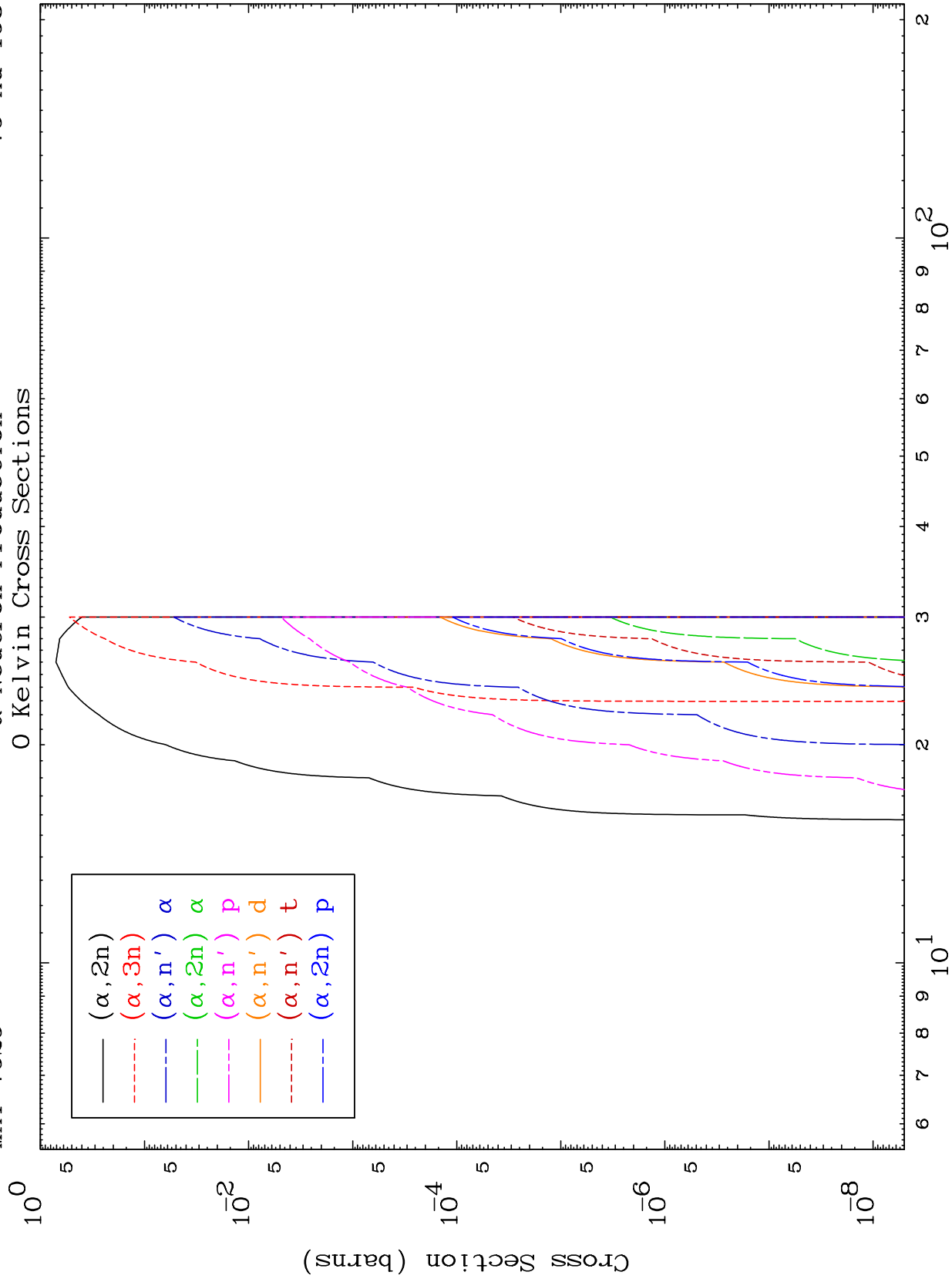
79-Au-198



MAT 7929

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

79-Au-198



2

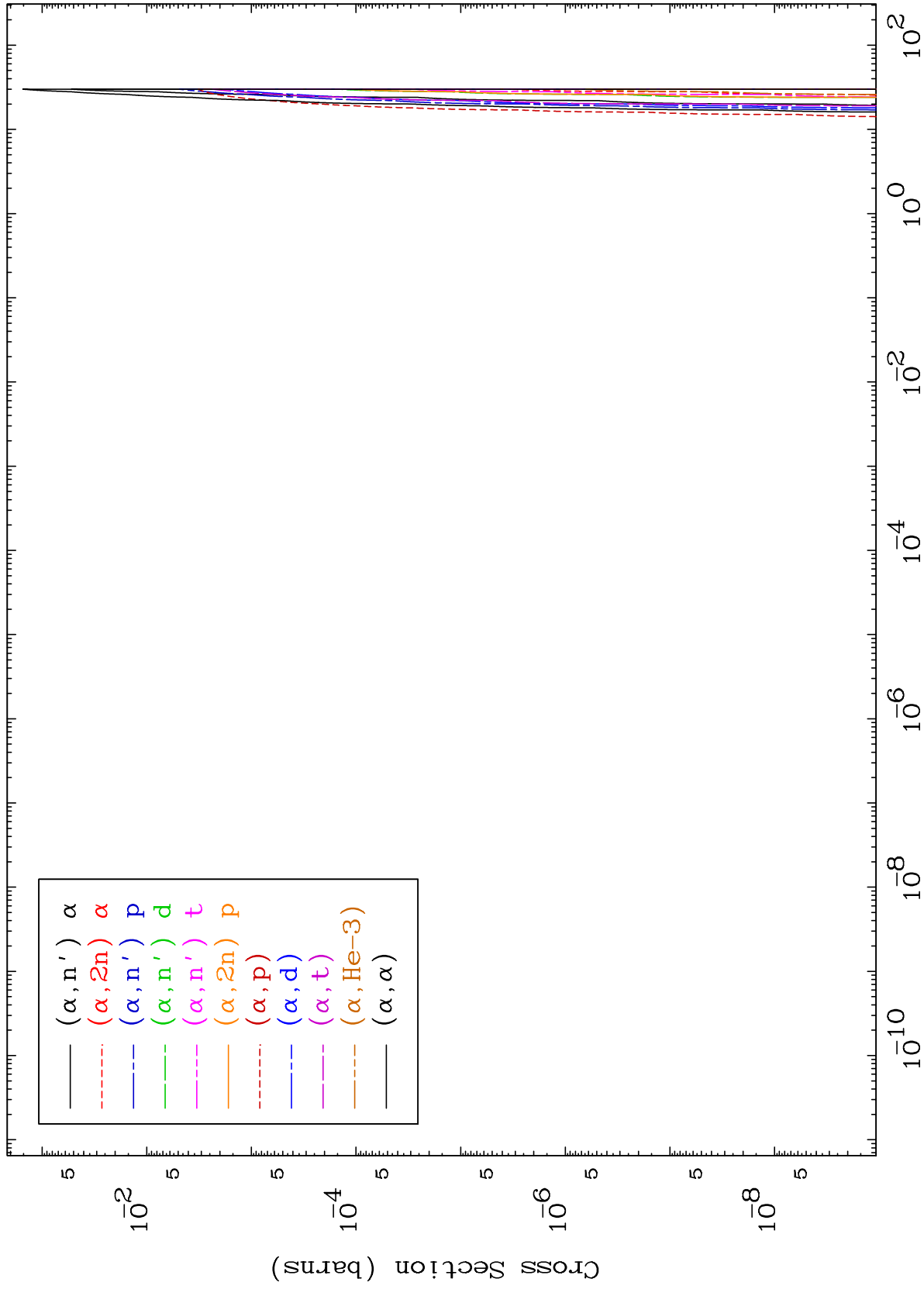
Incident Energy (MeV)

79-Au-198

MAT 7929

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

79-Au-198



3

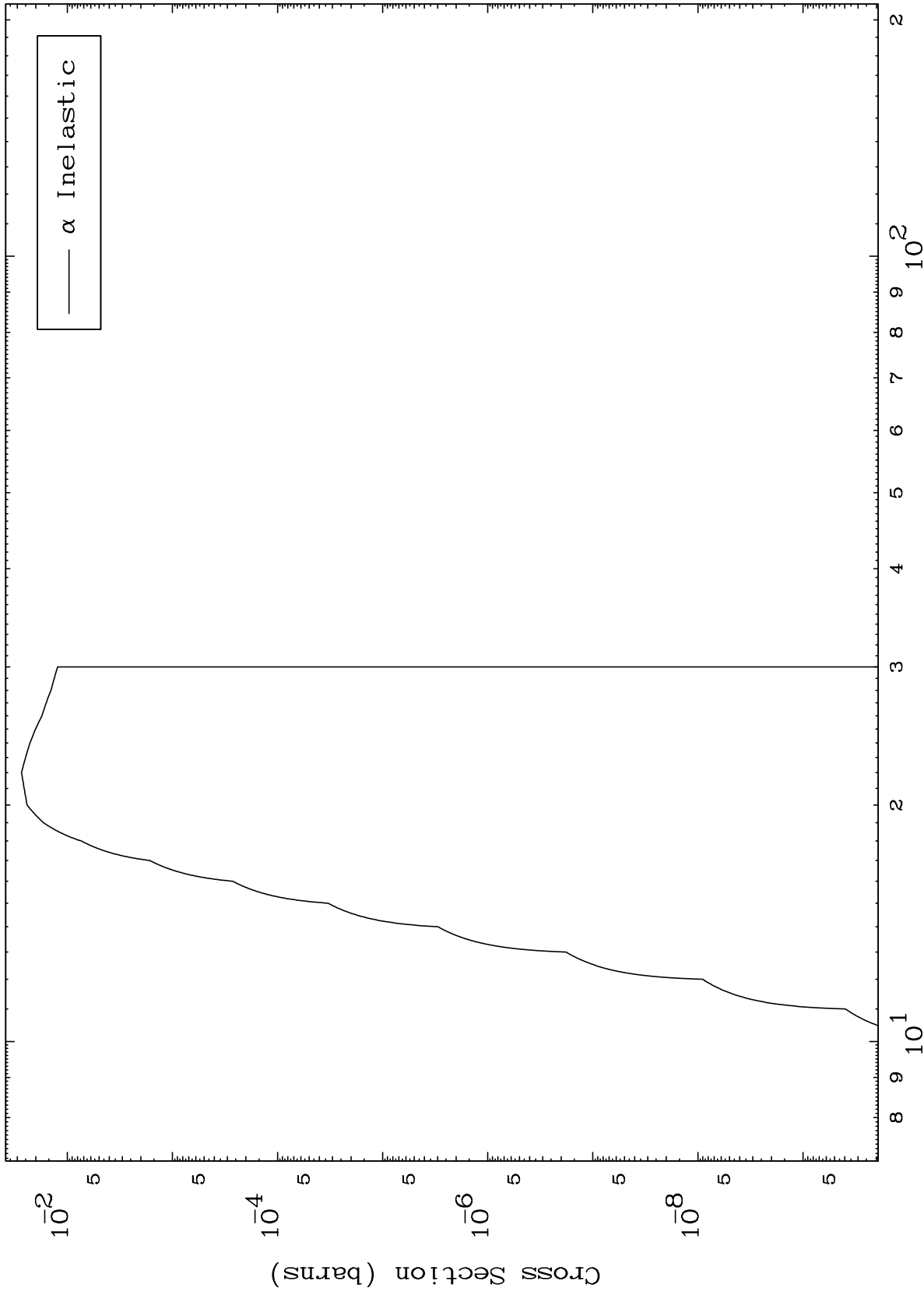
Incident Energy (MeV)

79-Au-198

MAT 7929

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

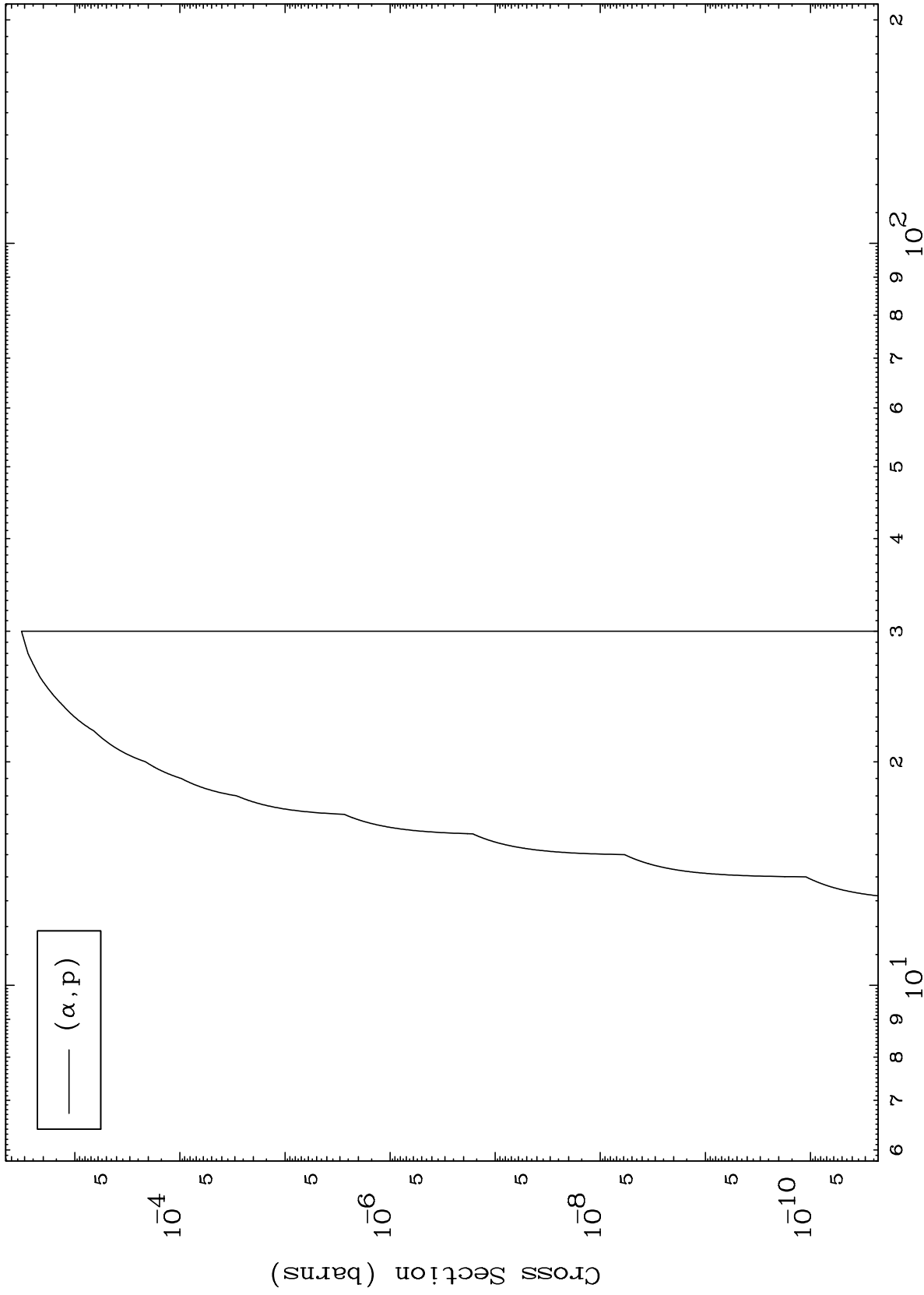
79-Au-198



4

Incident Energy (MeV)

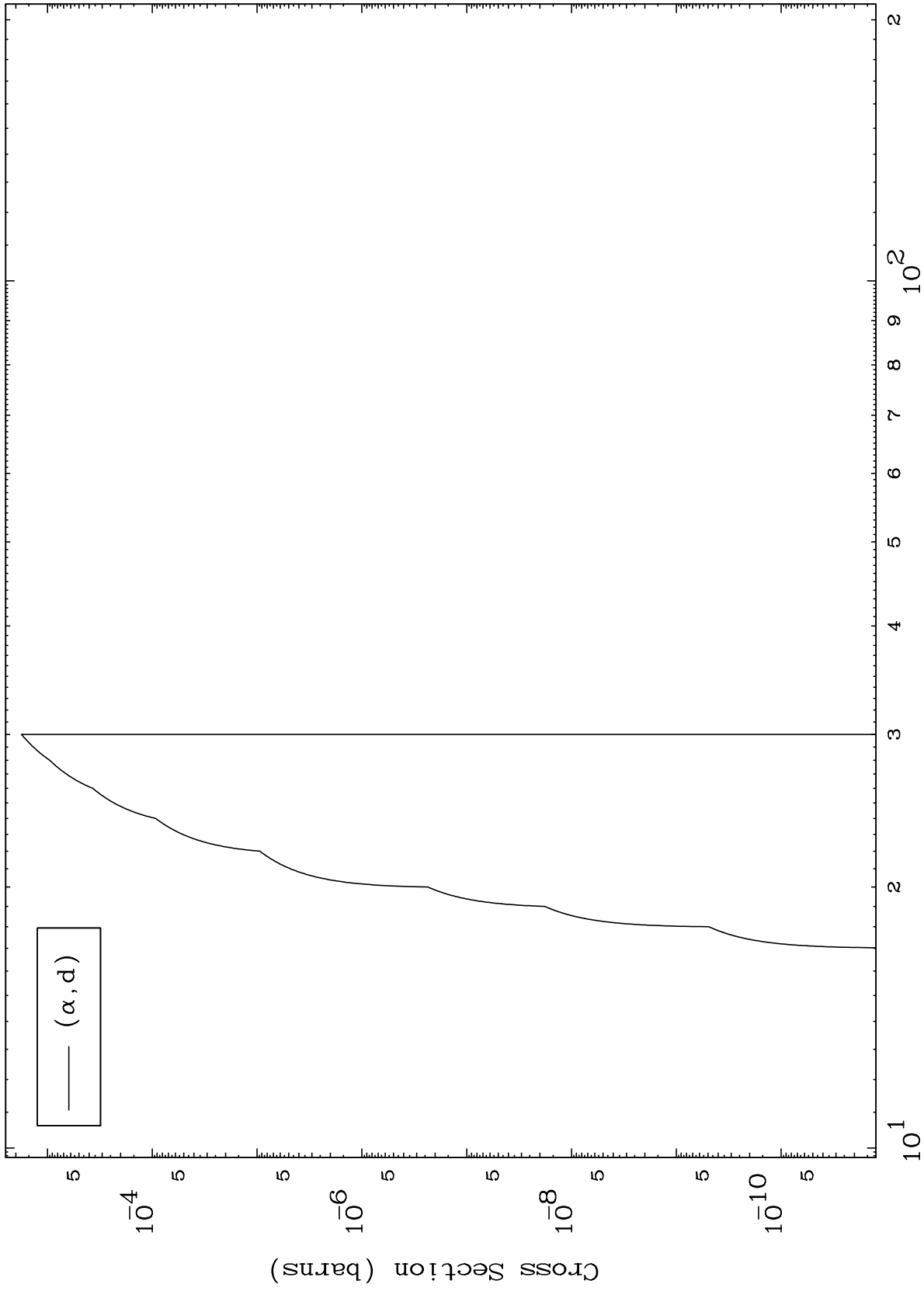
79-Au-198



MAT 7929

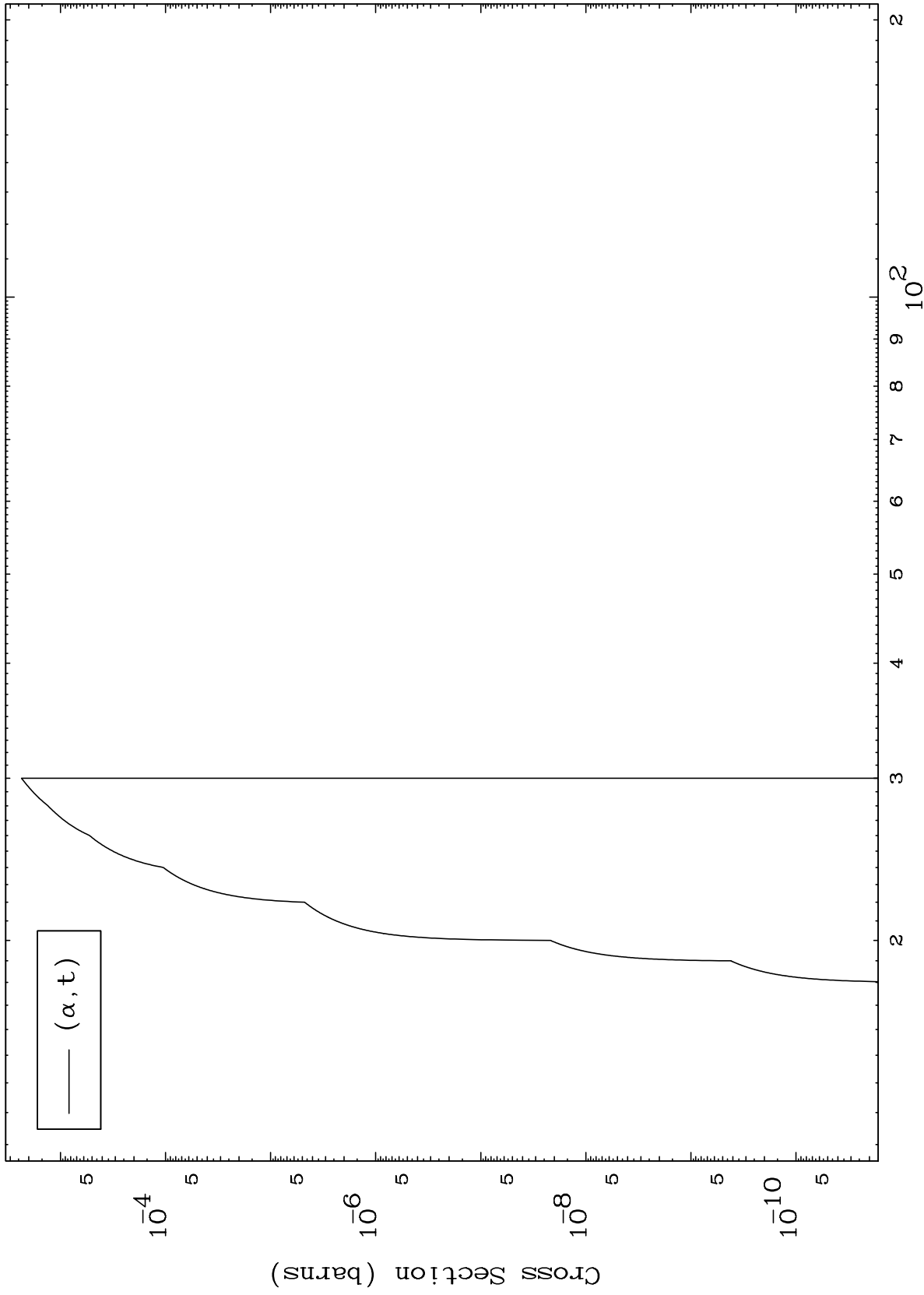
( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

79-Au-198

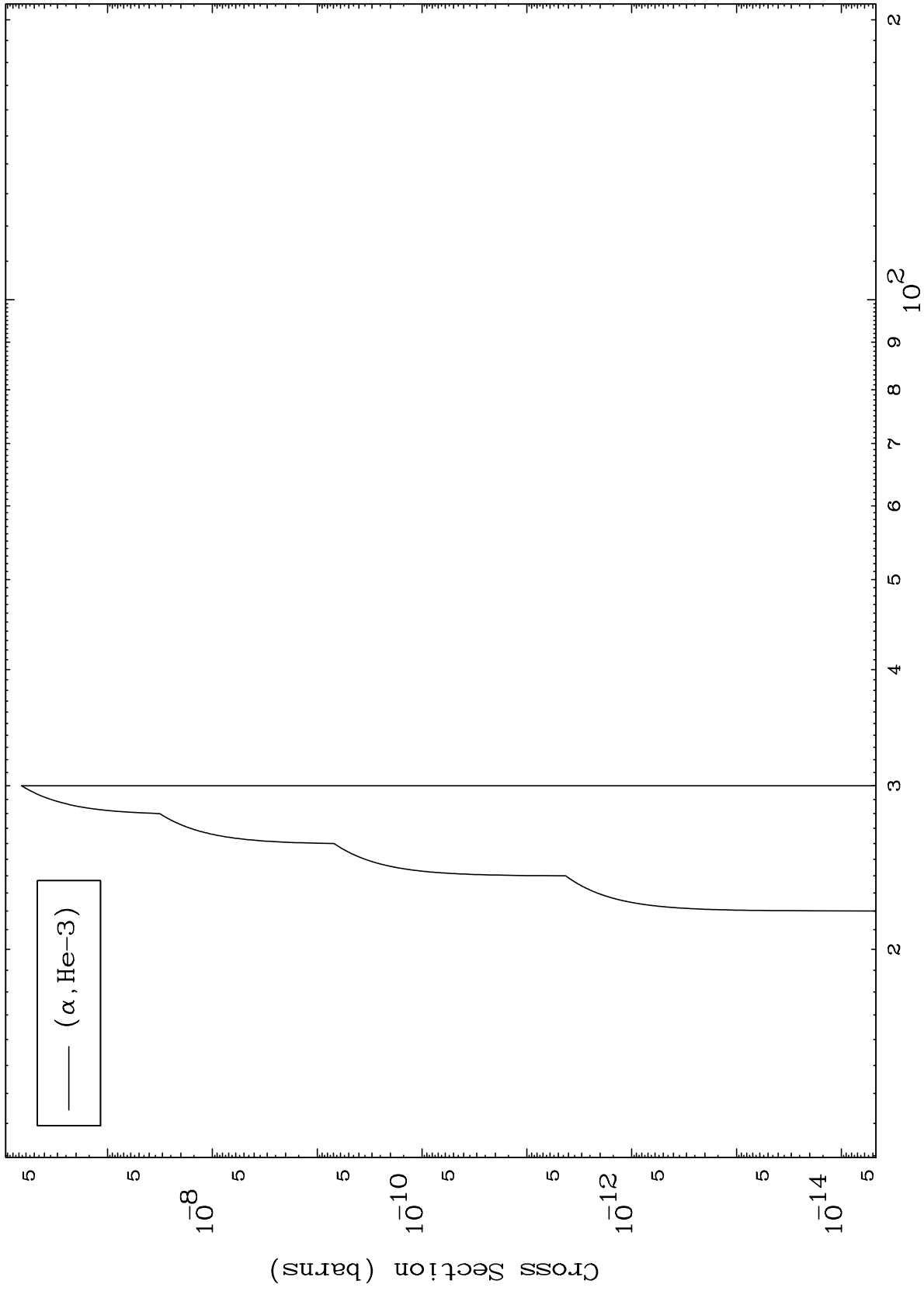


Incident Energy (MeV)

79-Au-198



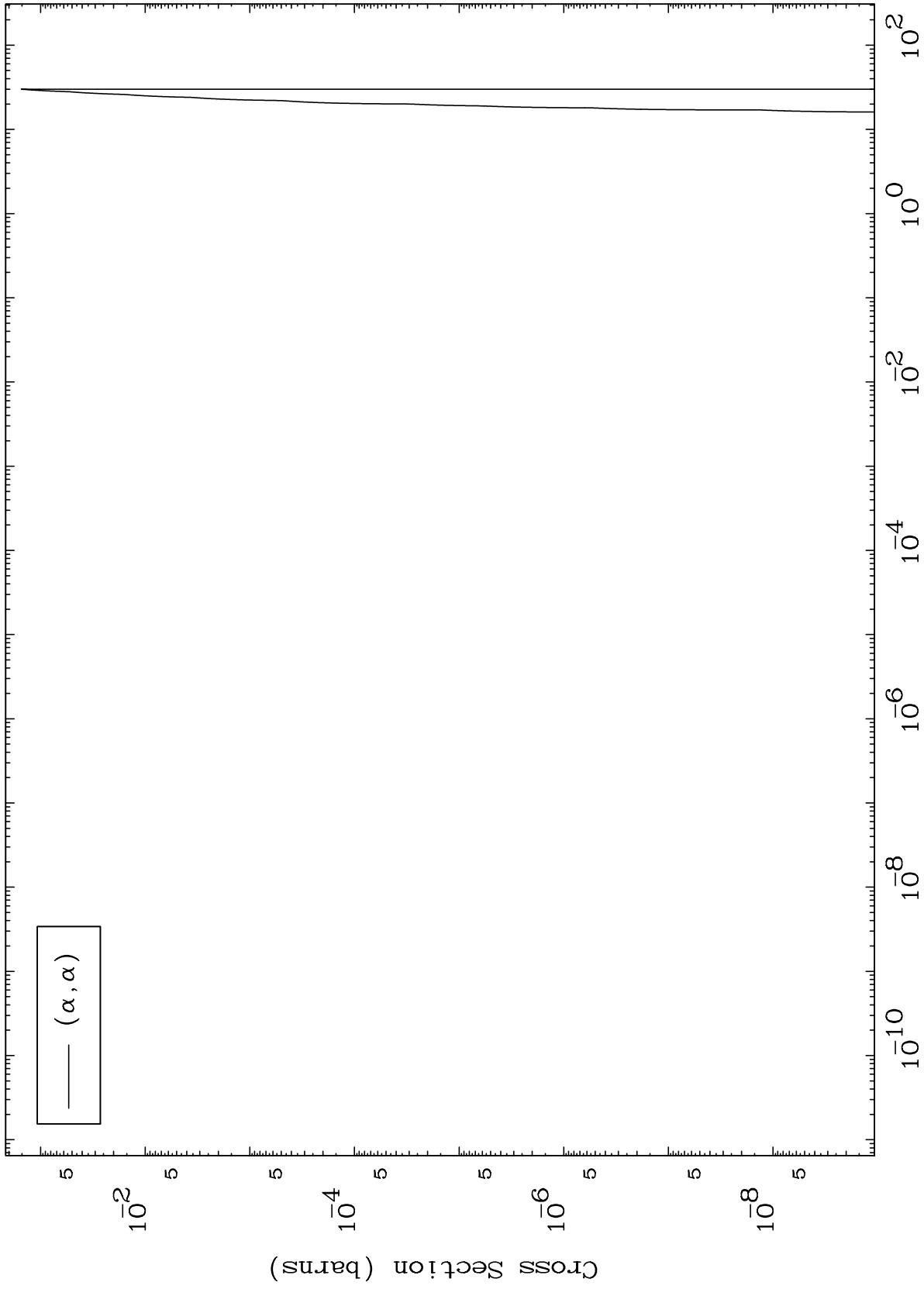




MAT 7929

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

79-Au-198



9

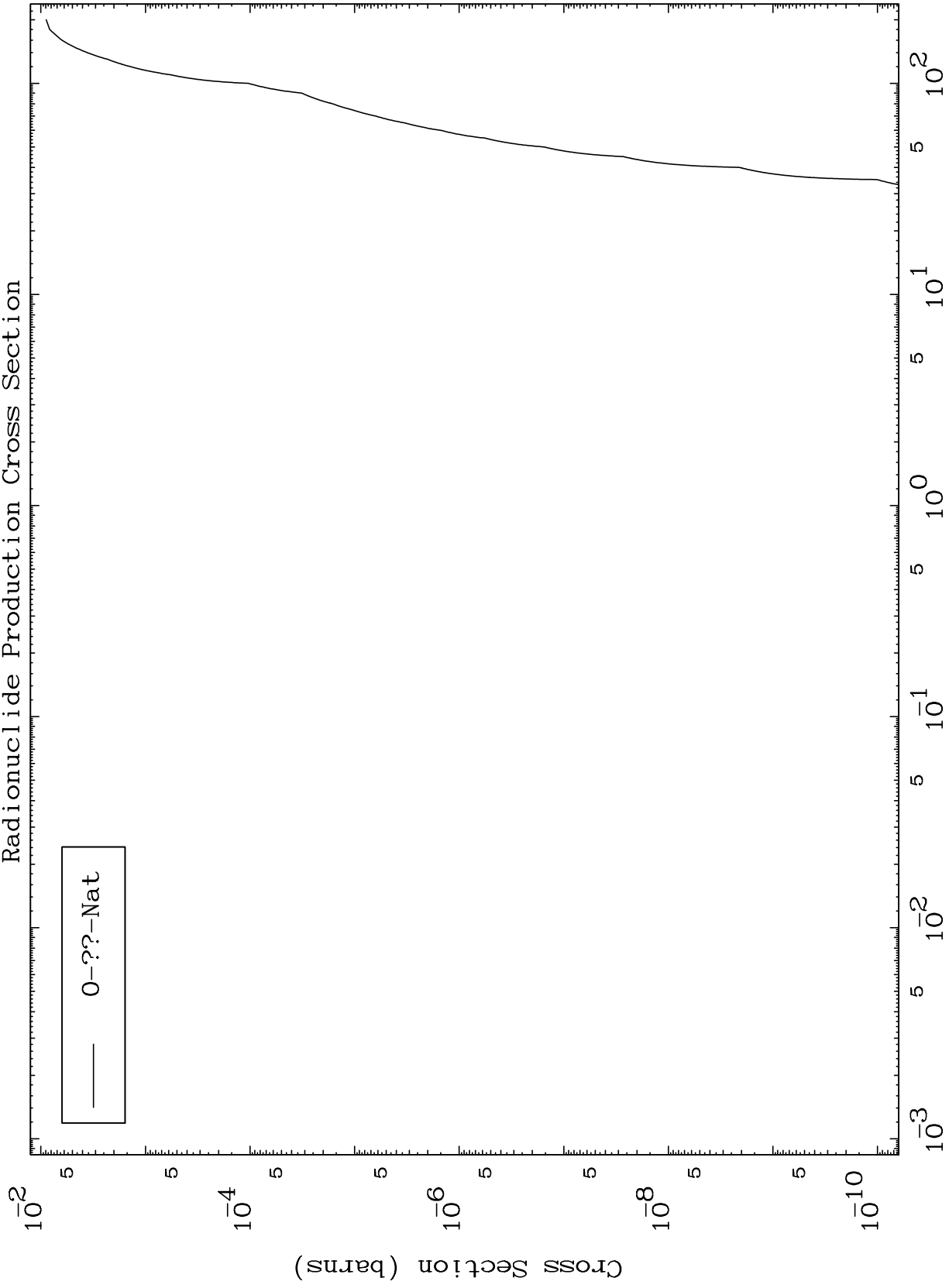
Incident Energy (MeV)

79-Au-198

MAT 7929

$\alpha$  Fission  
Radionuclide Production Cross Section

79-Au-198



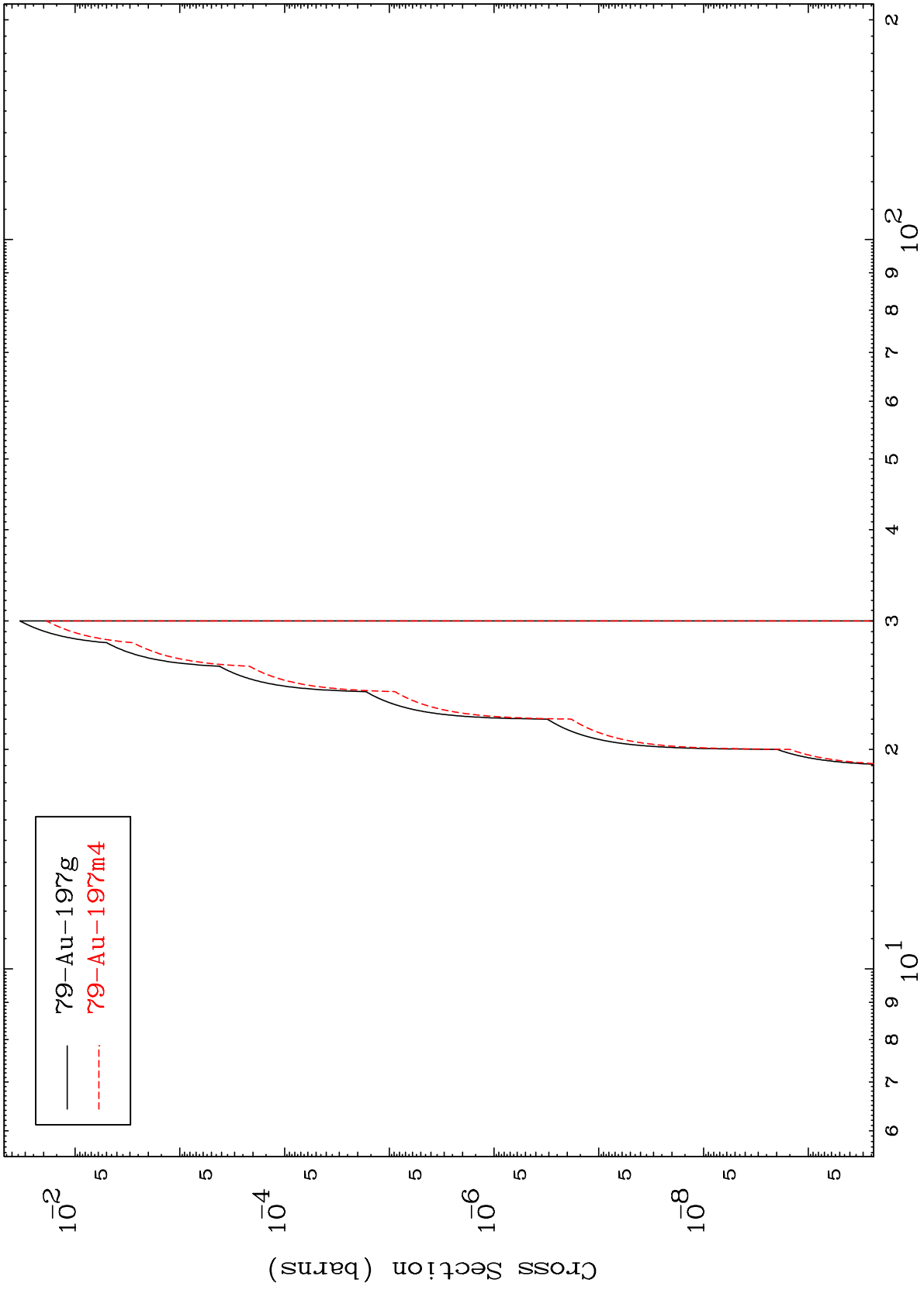
Incident Energy (MeV)

79-Au-198

MAT 7929

79-Au-198

$(\alpha, n')$   $\alpha$   
Radionuclide Production Cross Section



11

79-Au-198

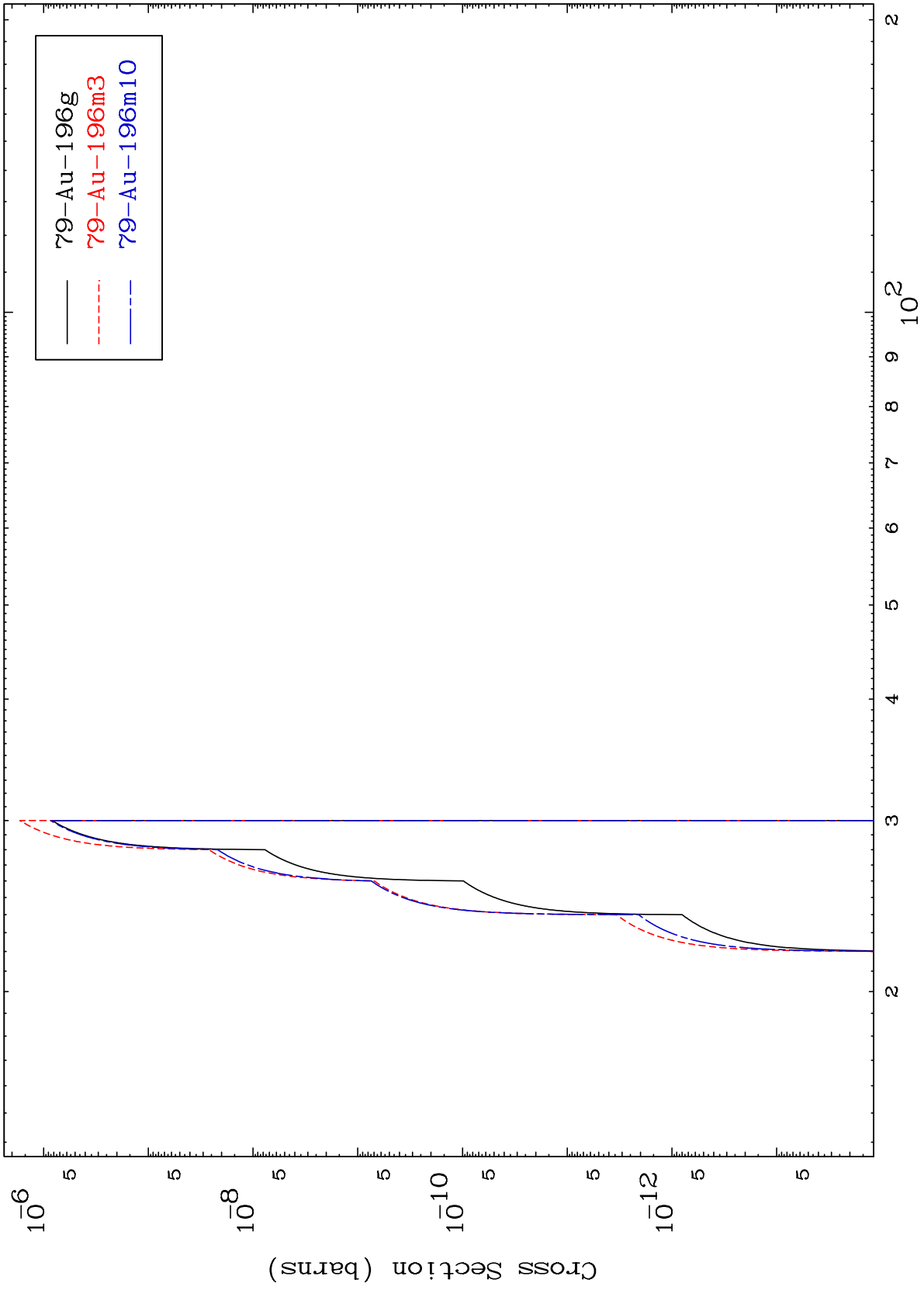
Incident Energy (MeV)

MAT 7929

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



12

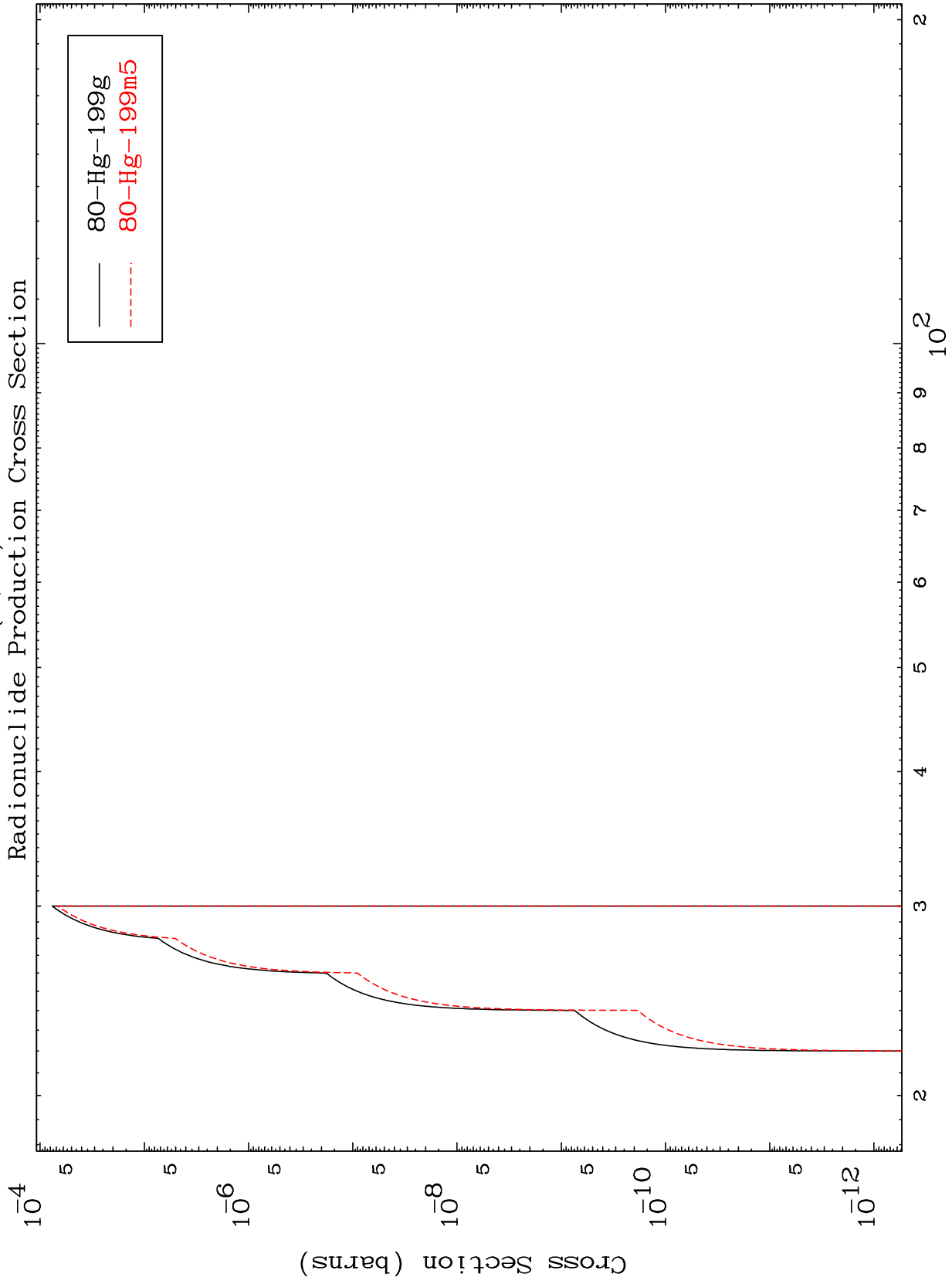
Incident Energy (MeV)

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

MAT 7929

( $\alpha, n'$ ) d

79-Au-198



13

Incident Energy (MeV)

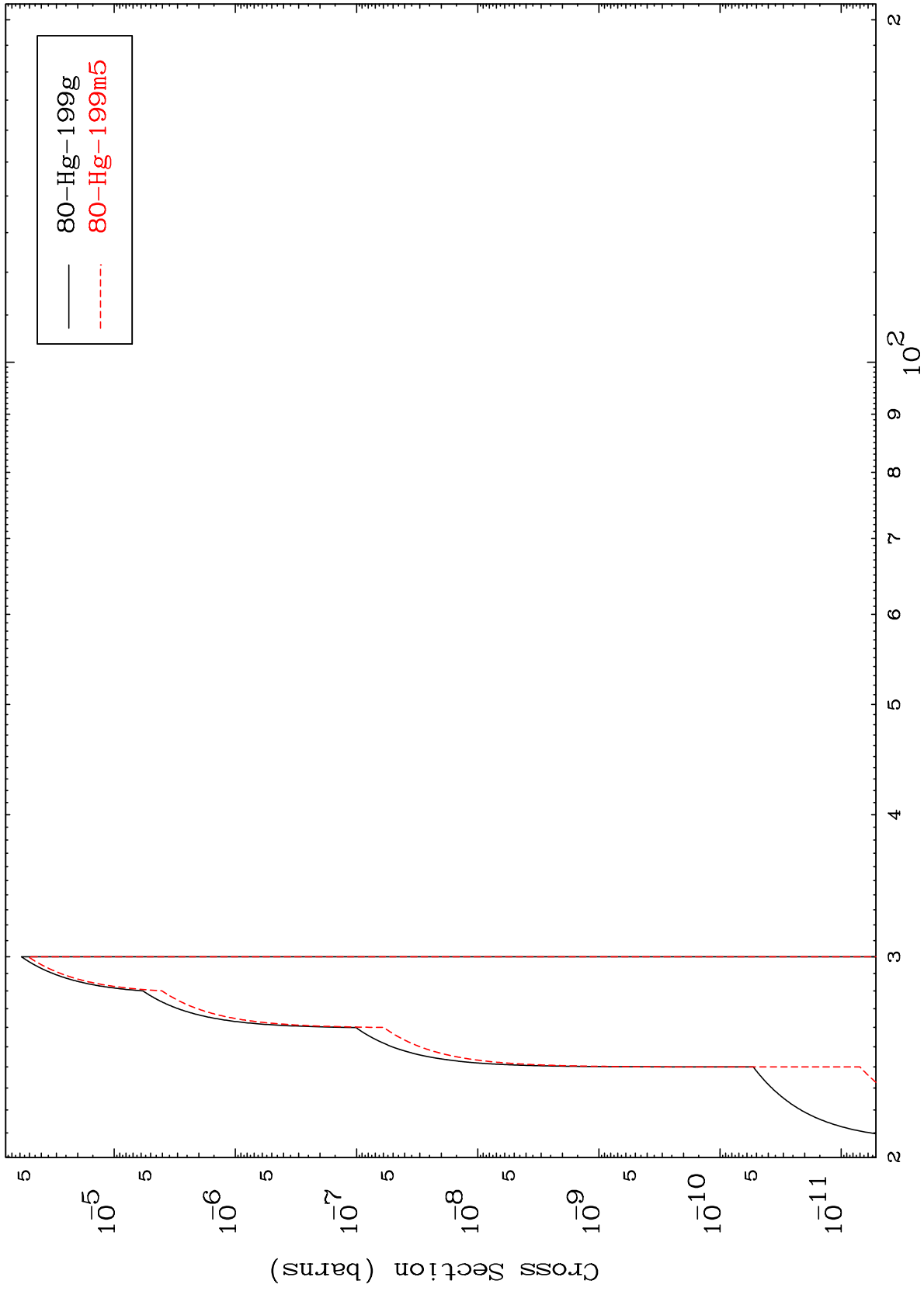
79-Au-198

MAT 7929

$(\alpha, 2n)$  p

79-Au-198

Radionuclide Production Cross Section



14

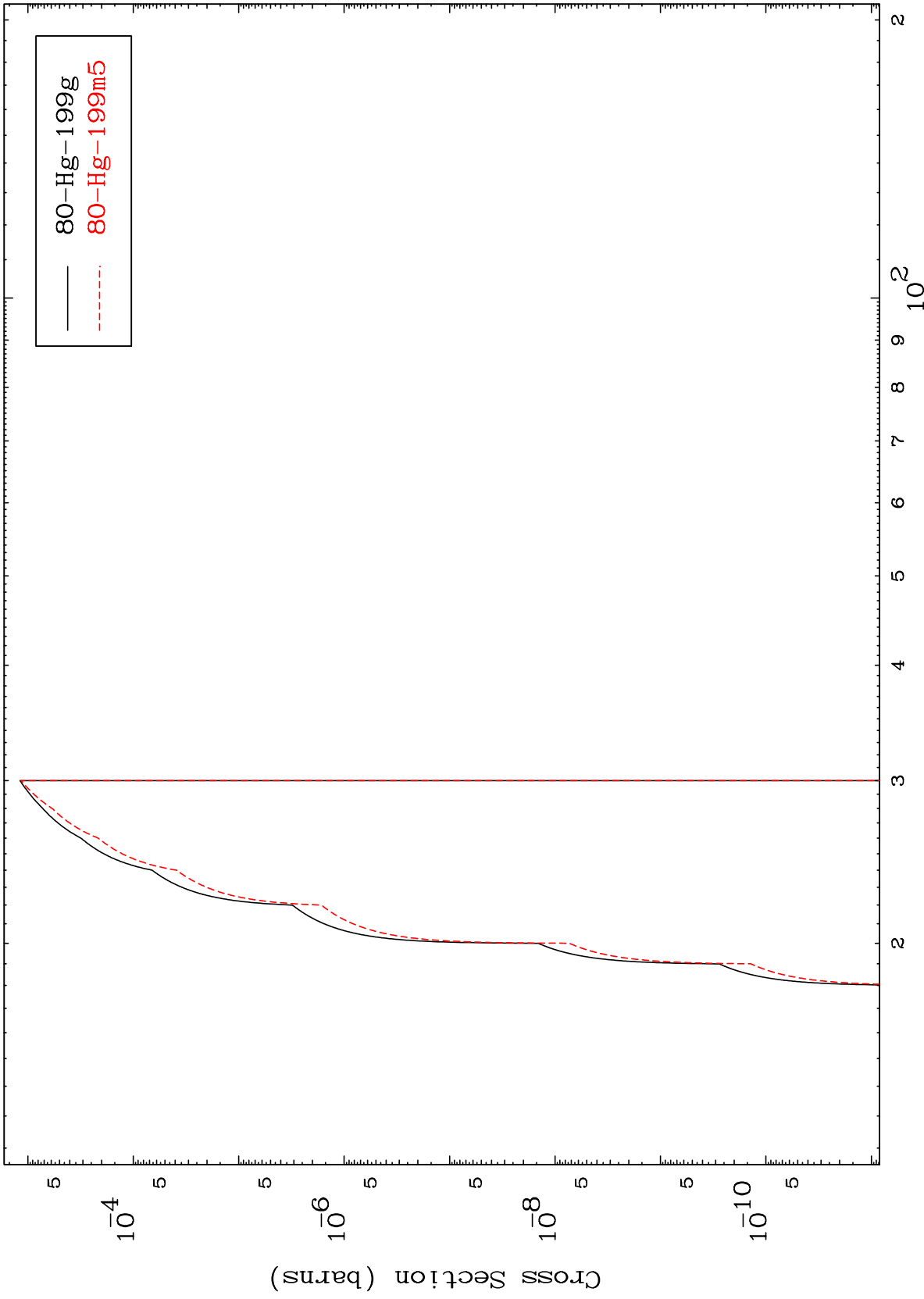
Incident Energy (MeV)

79-Au-198

MAT 7929

79-Au-198

$(\alpha, t)$   
Radionuclide Production Cross Section



15

Incident Energy (MeV)

79-Au-198

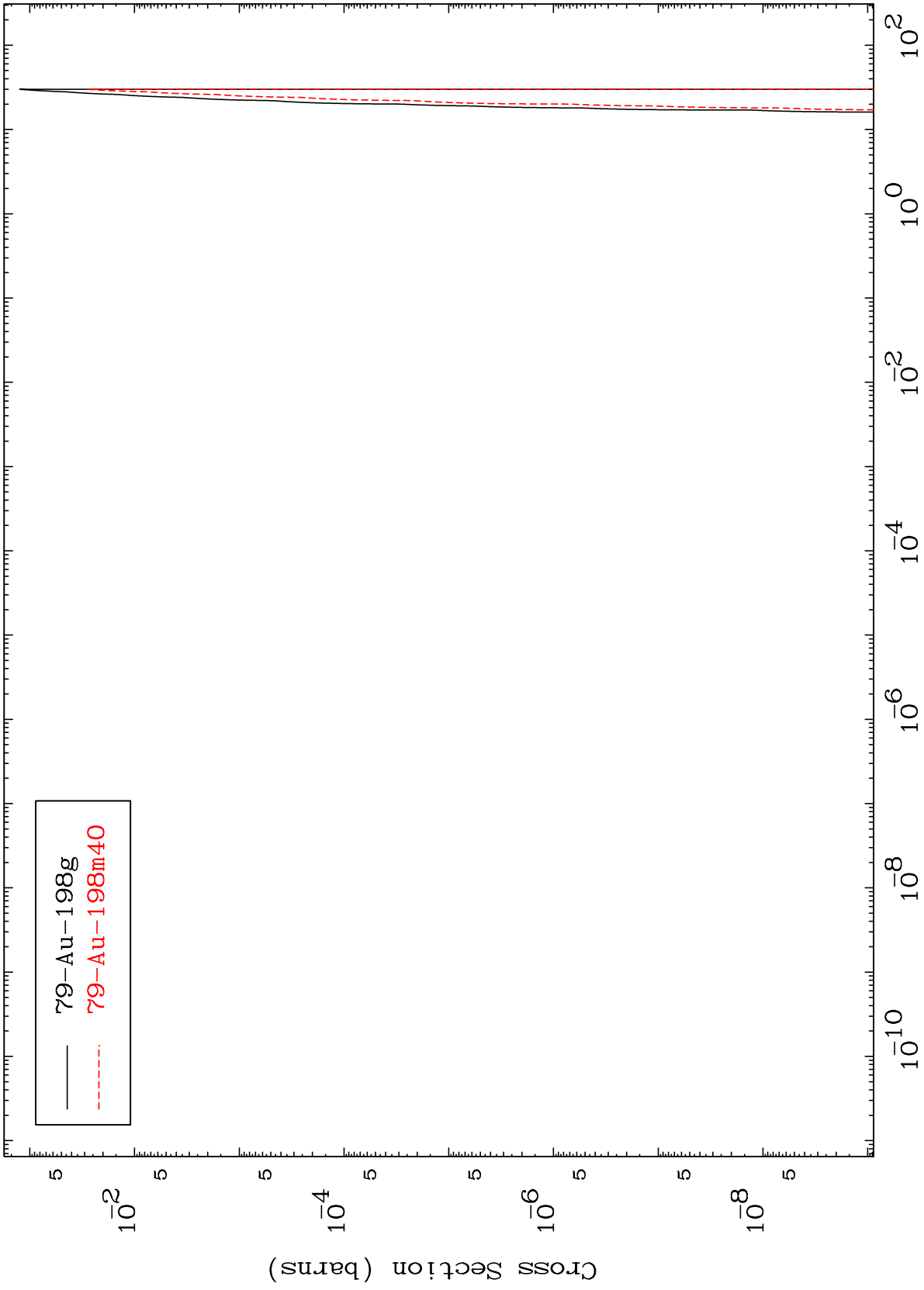


MAT 7929

( $\alpha, \alpha$ )

<sup>79</sup>Au-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

<sup>79</sup>Au-198