

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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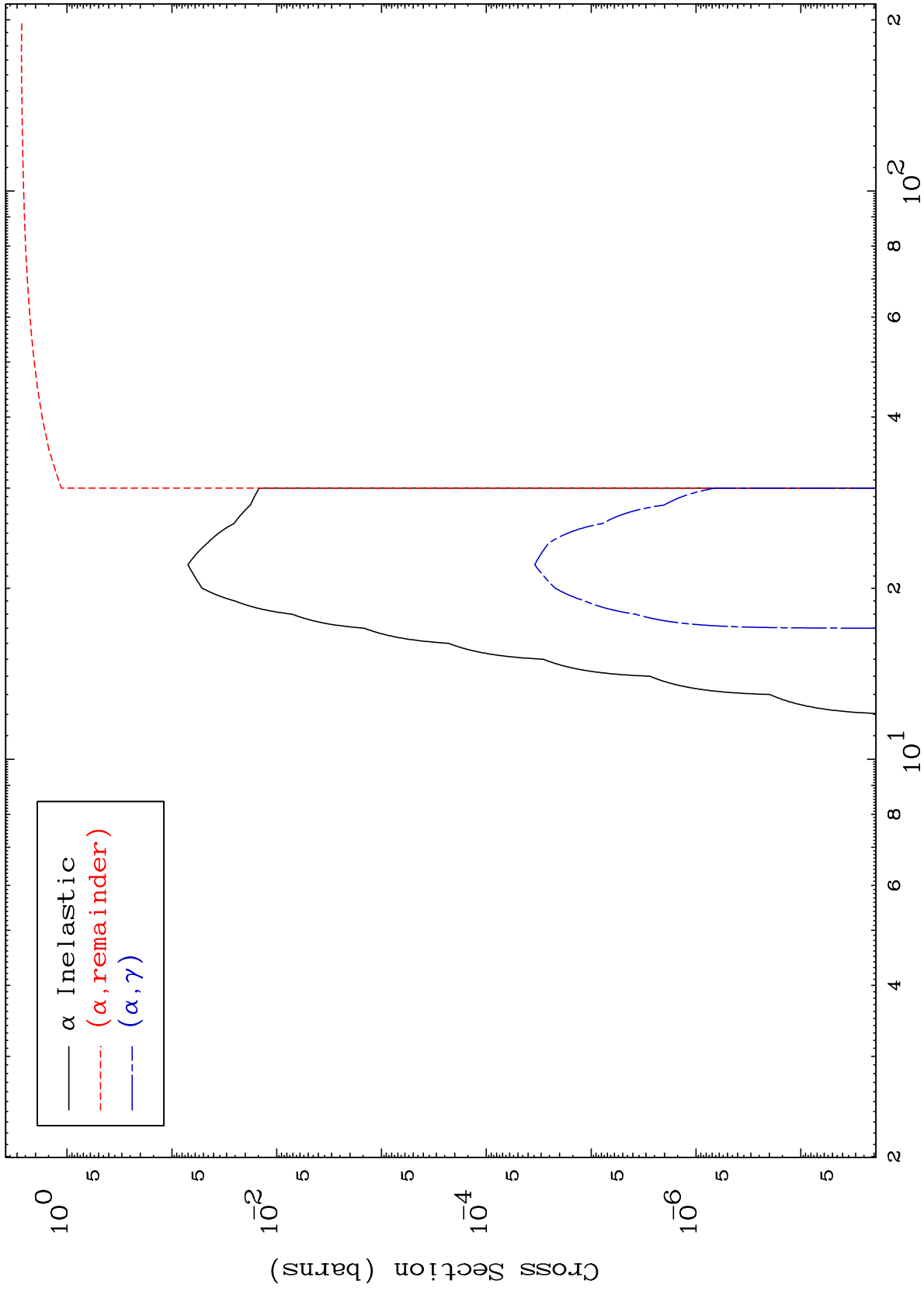
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7919

0 Kelvin  $\alpha$  Major  
Cross Sections

79-Au-195



1

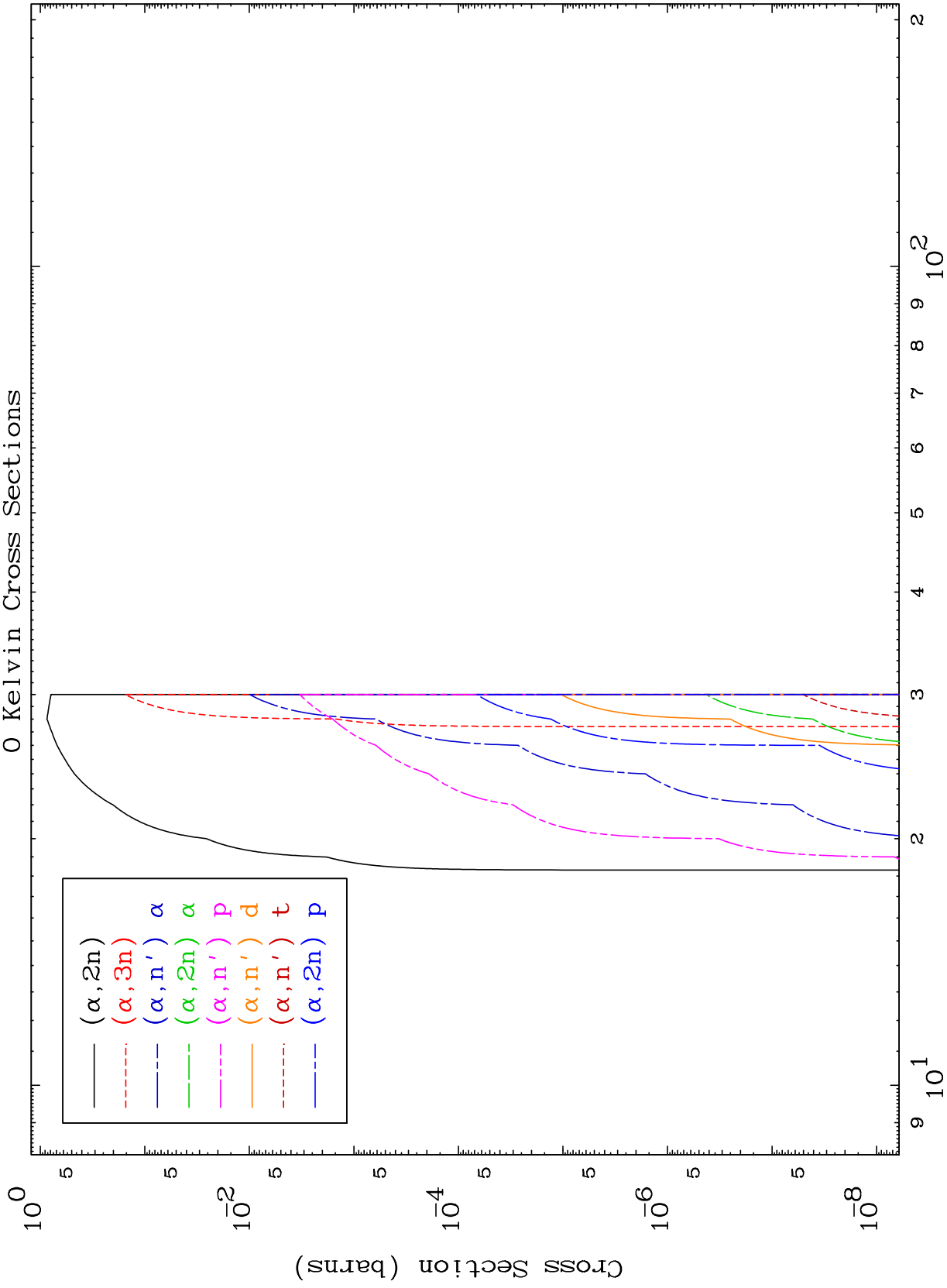
Incident Energy (MeV)

79-Au-195

MAT 7919

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

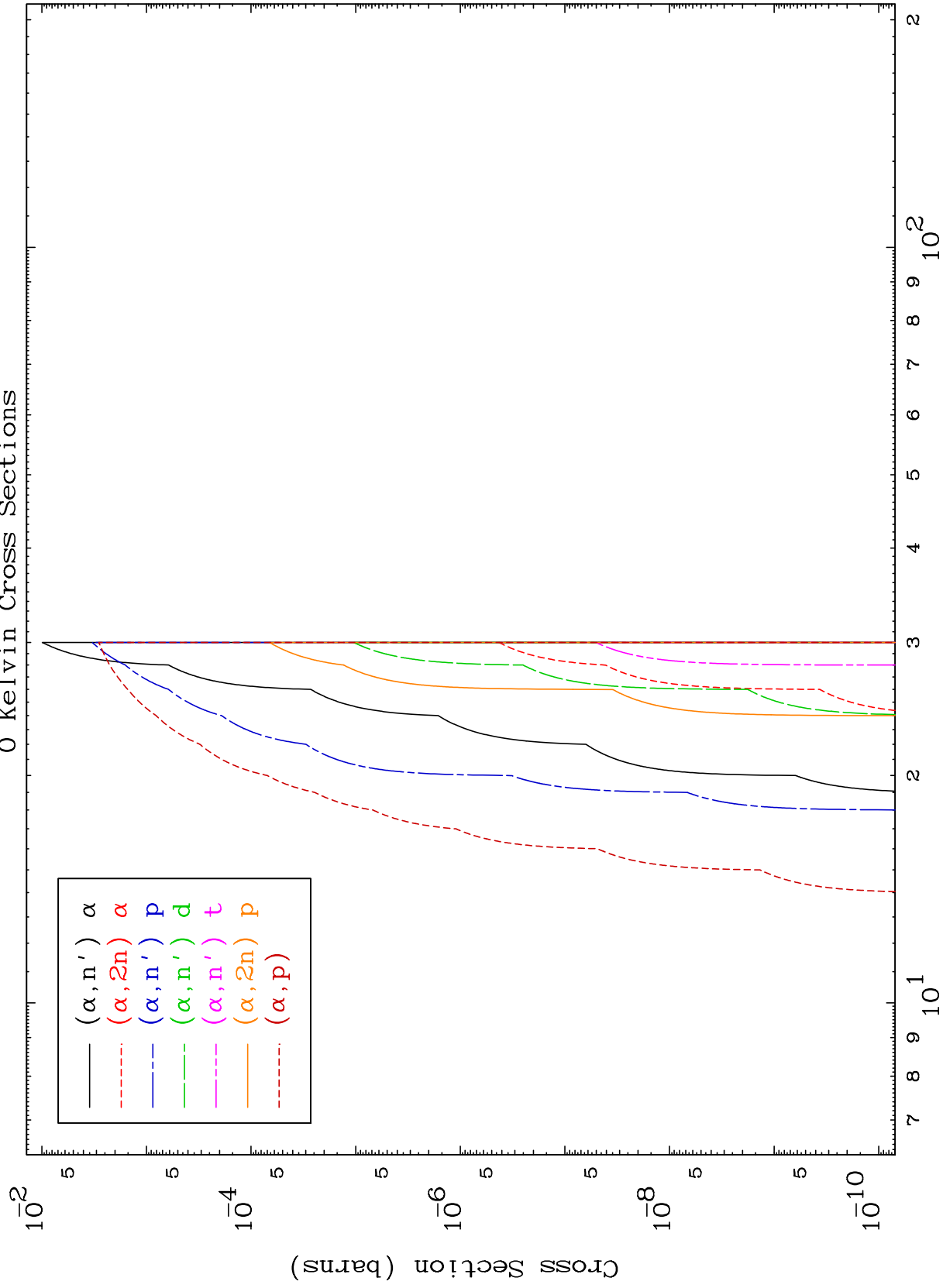
79-Au-195

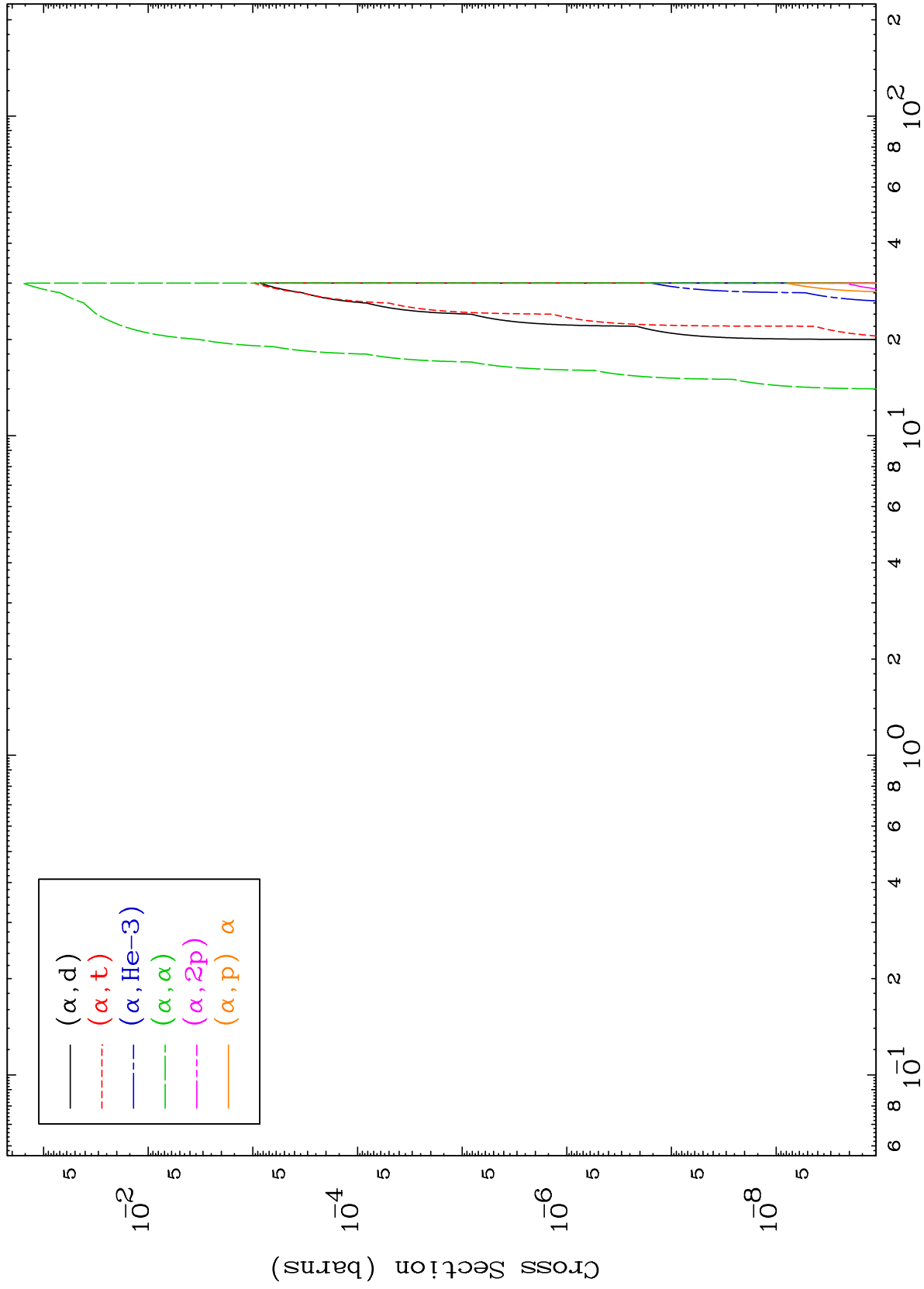


2

Incident Energy (MeV)

79-Au-195

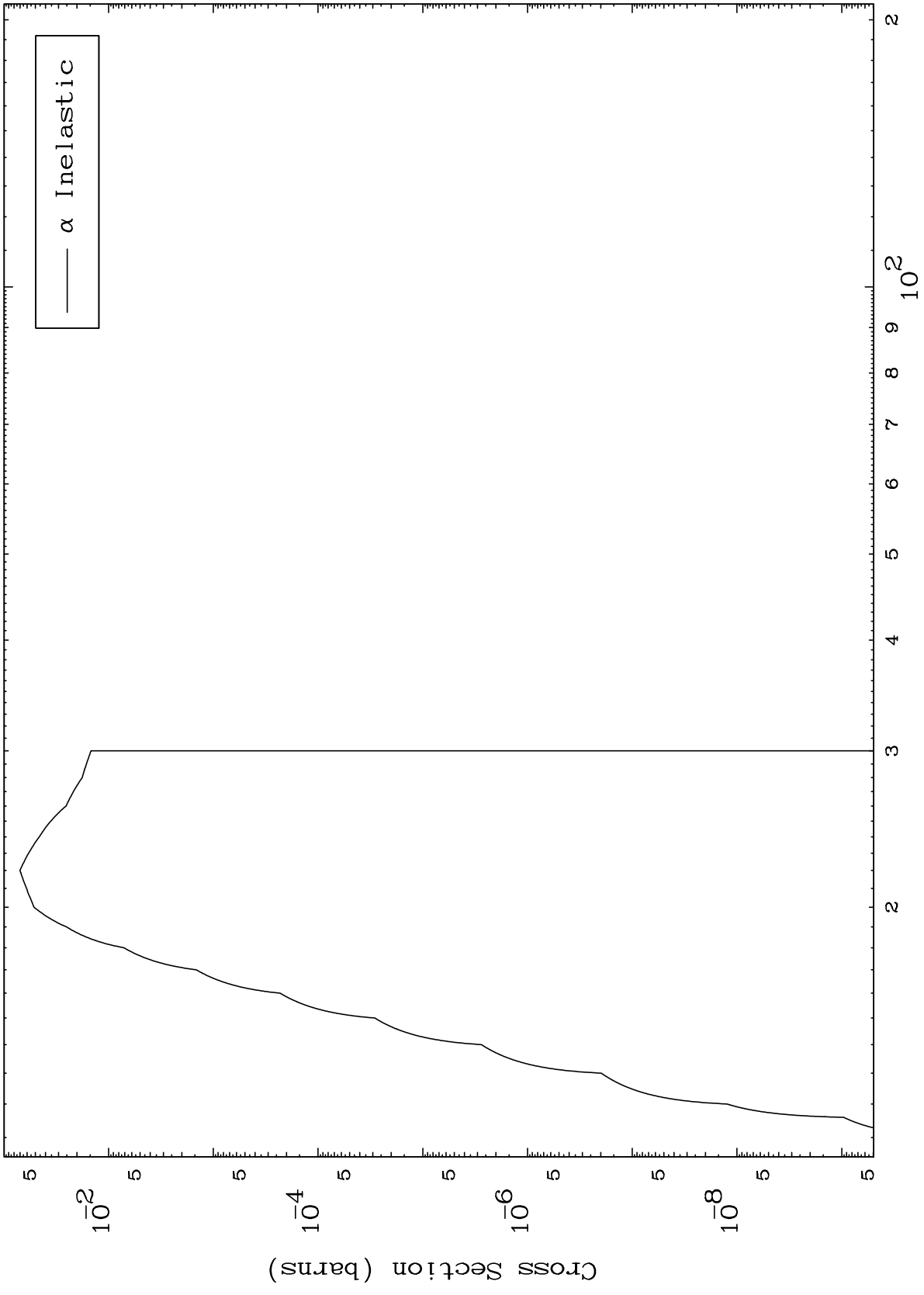




MAT 7919

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

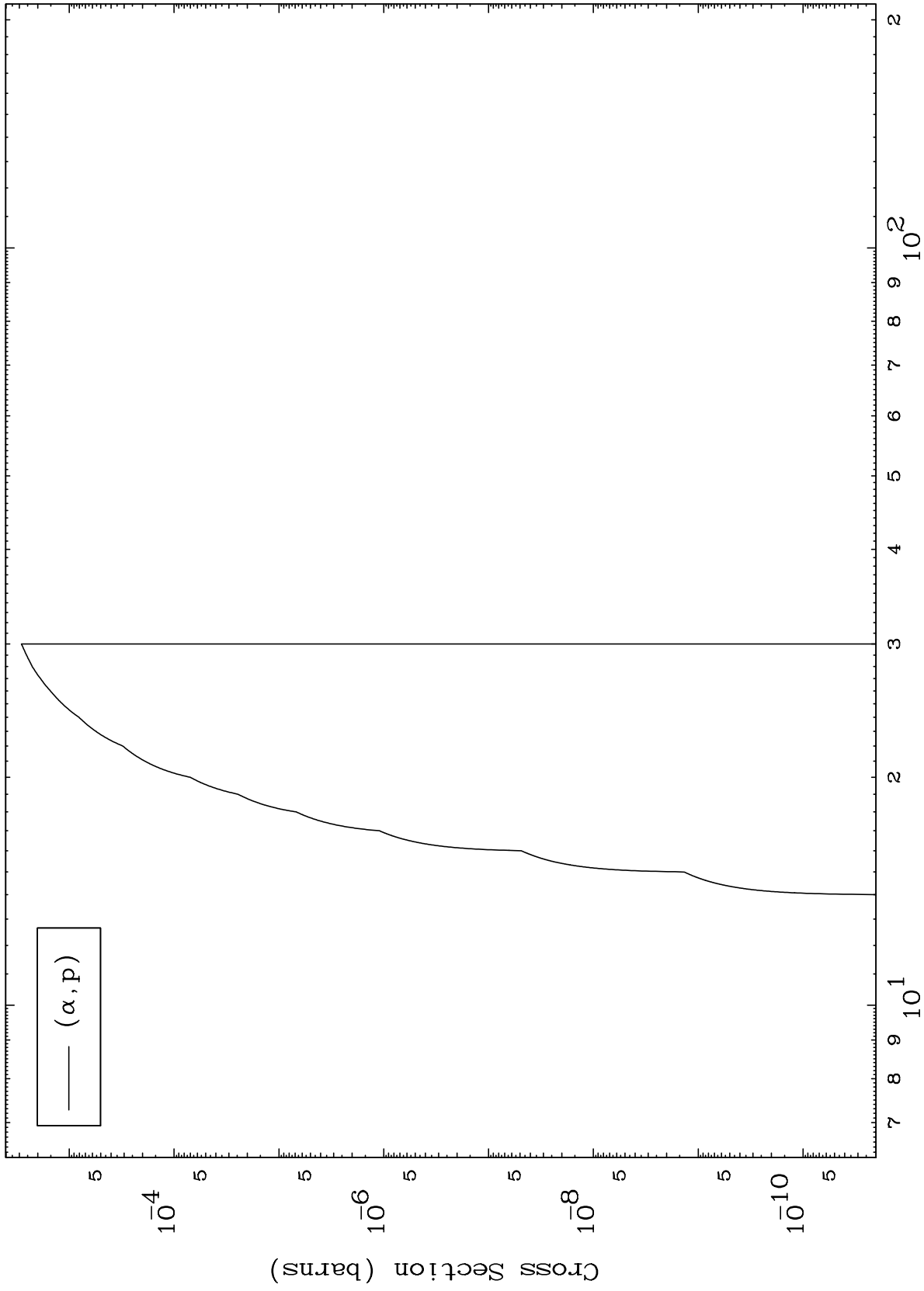
79-Au-195



5

Incident Energy (MeV)

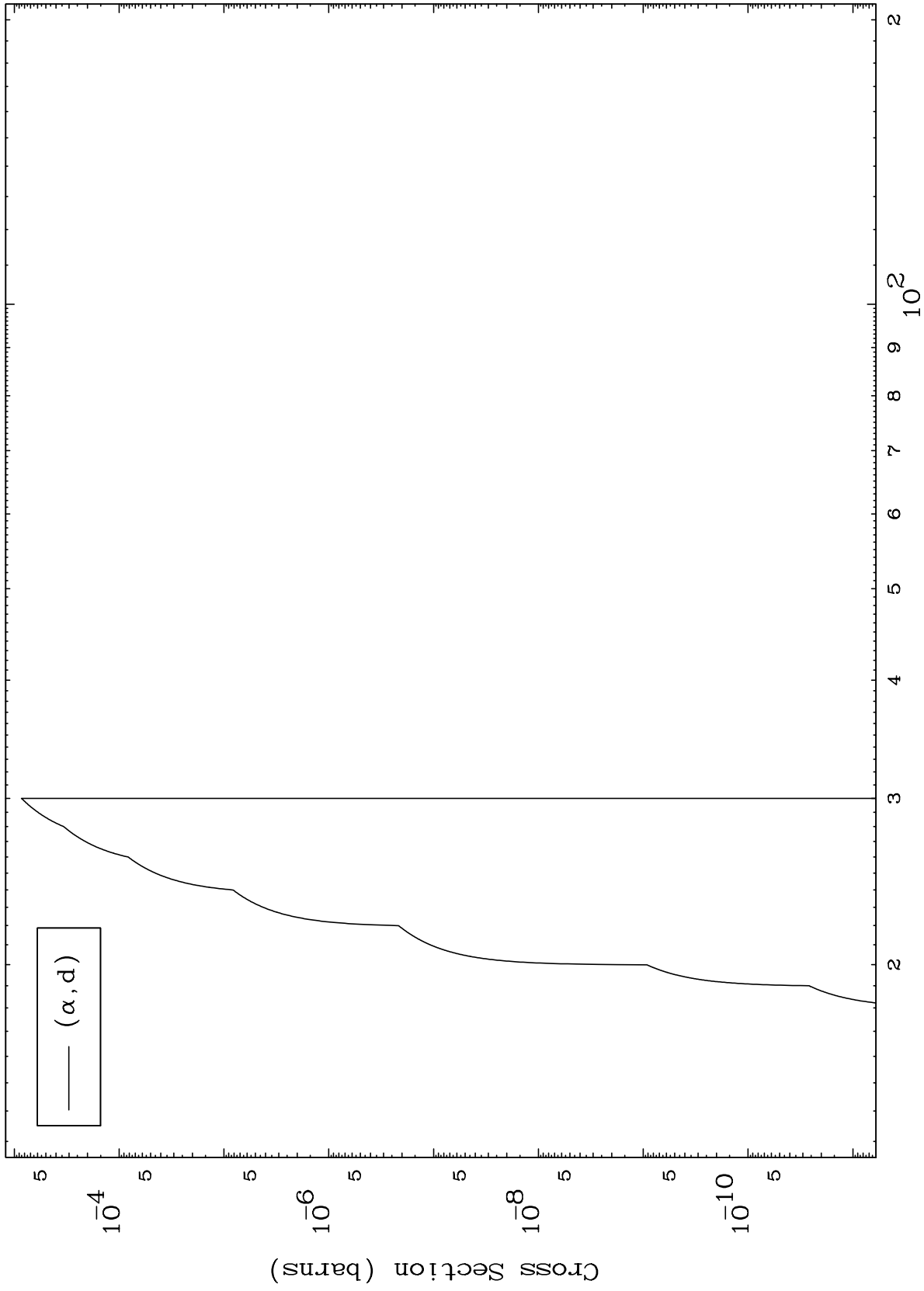
79-Au-195



MAT 7919

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

79-Au-195

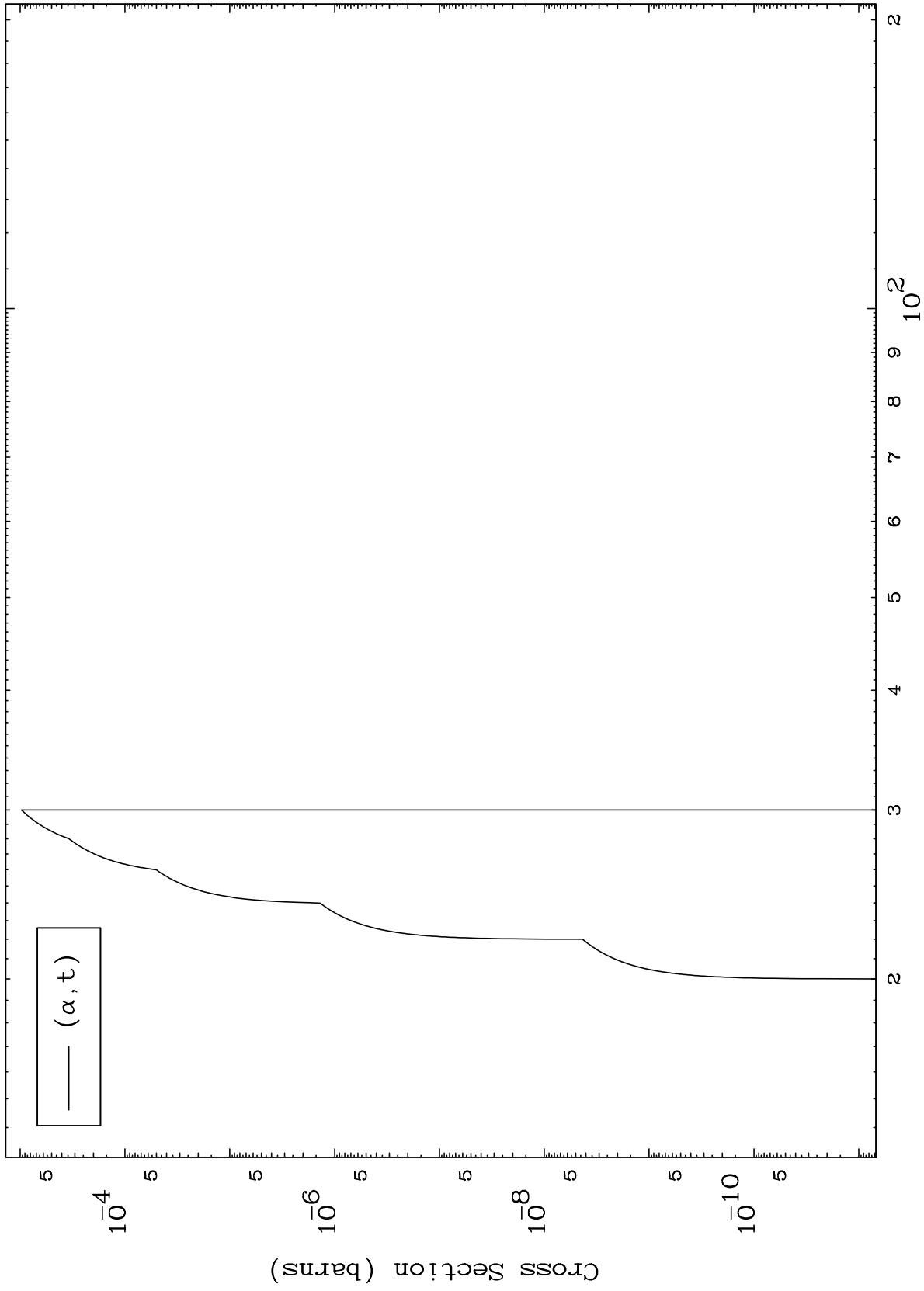


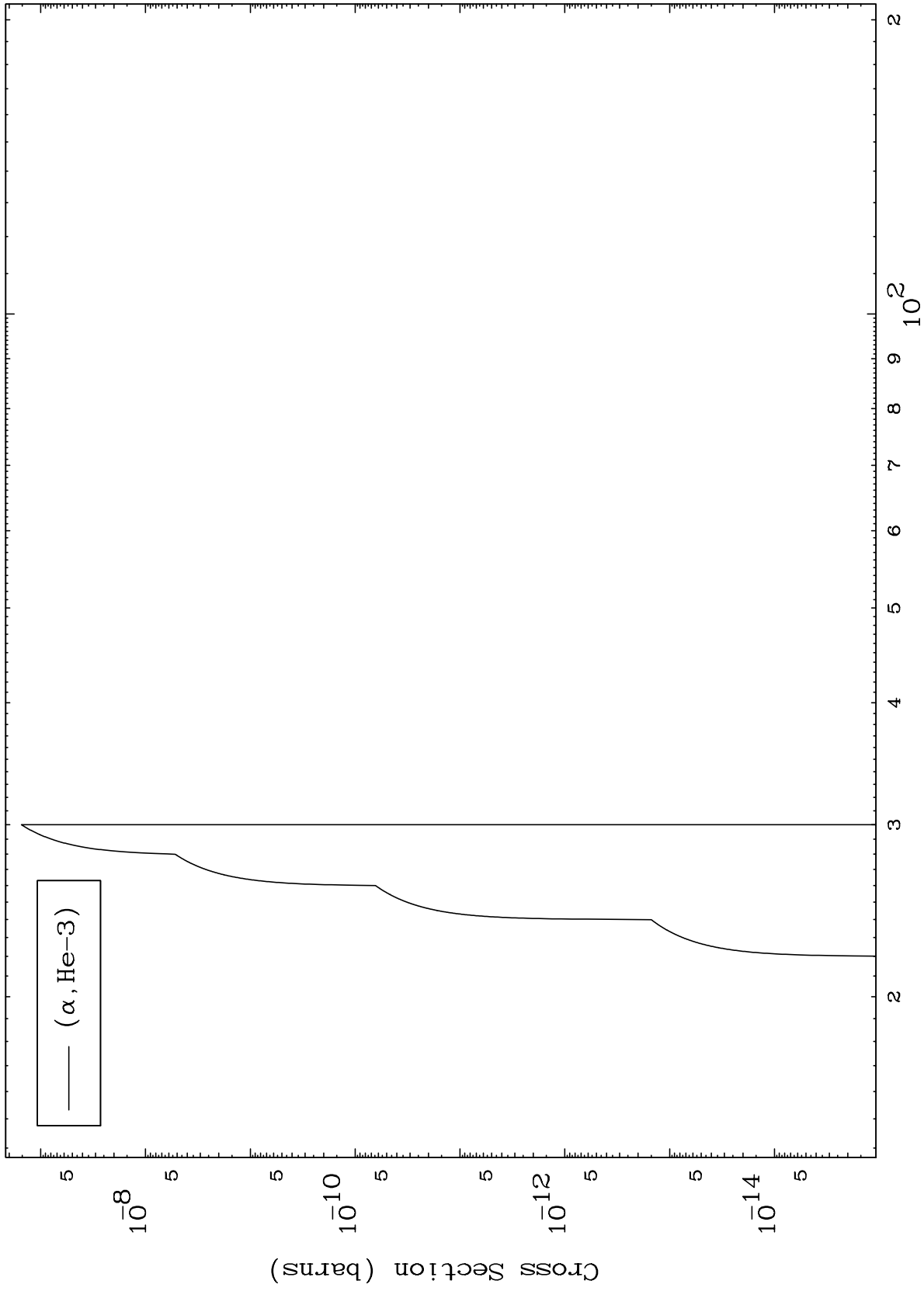


MAT 7919

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

79-Au-195

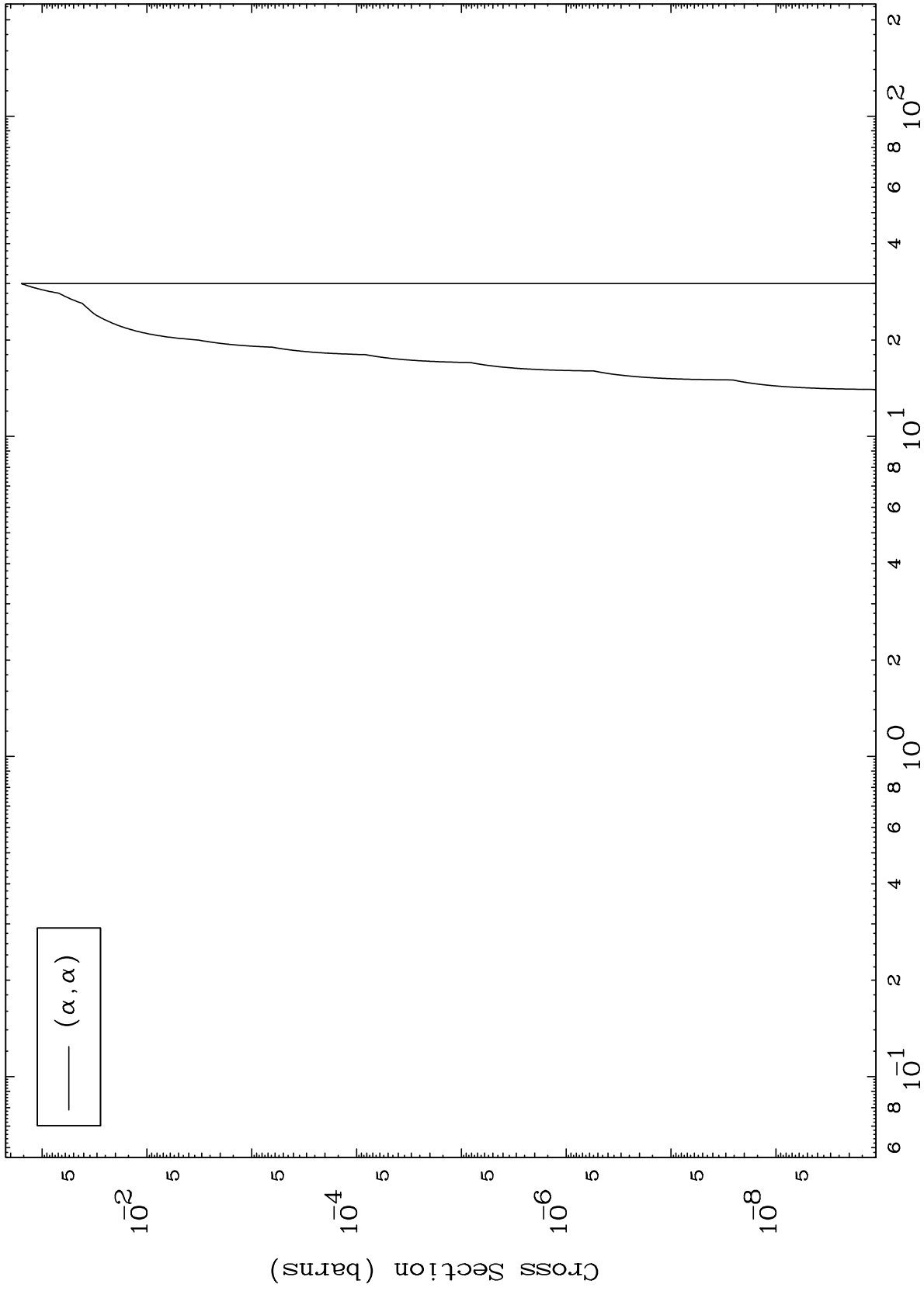




MAT 7919

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

79-Au-195

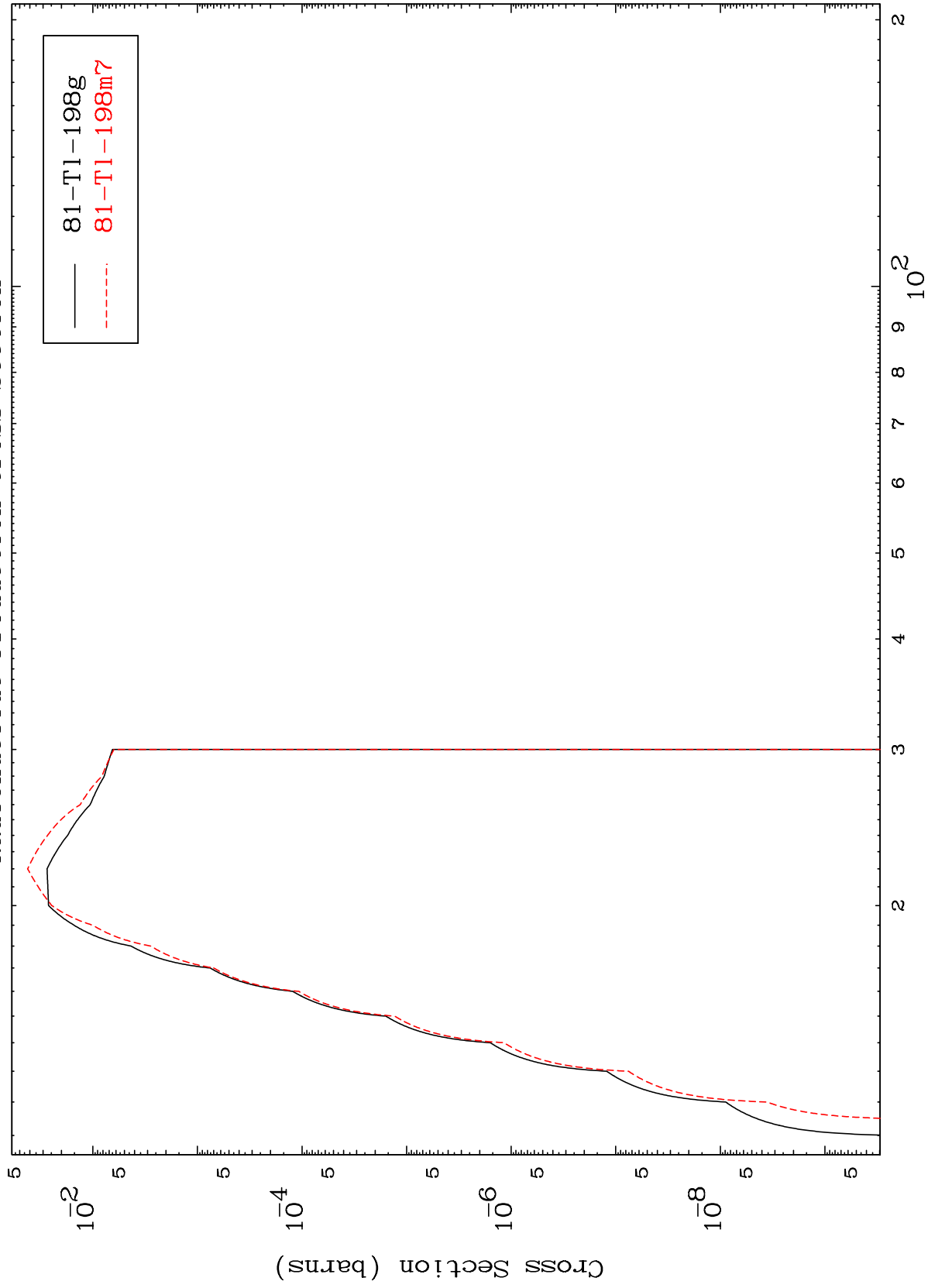


10

Incident Energy (MeV)

79-Au-195

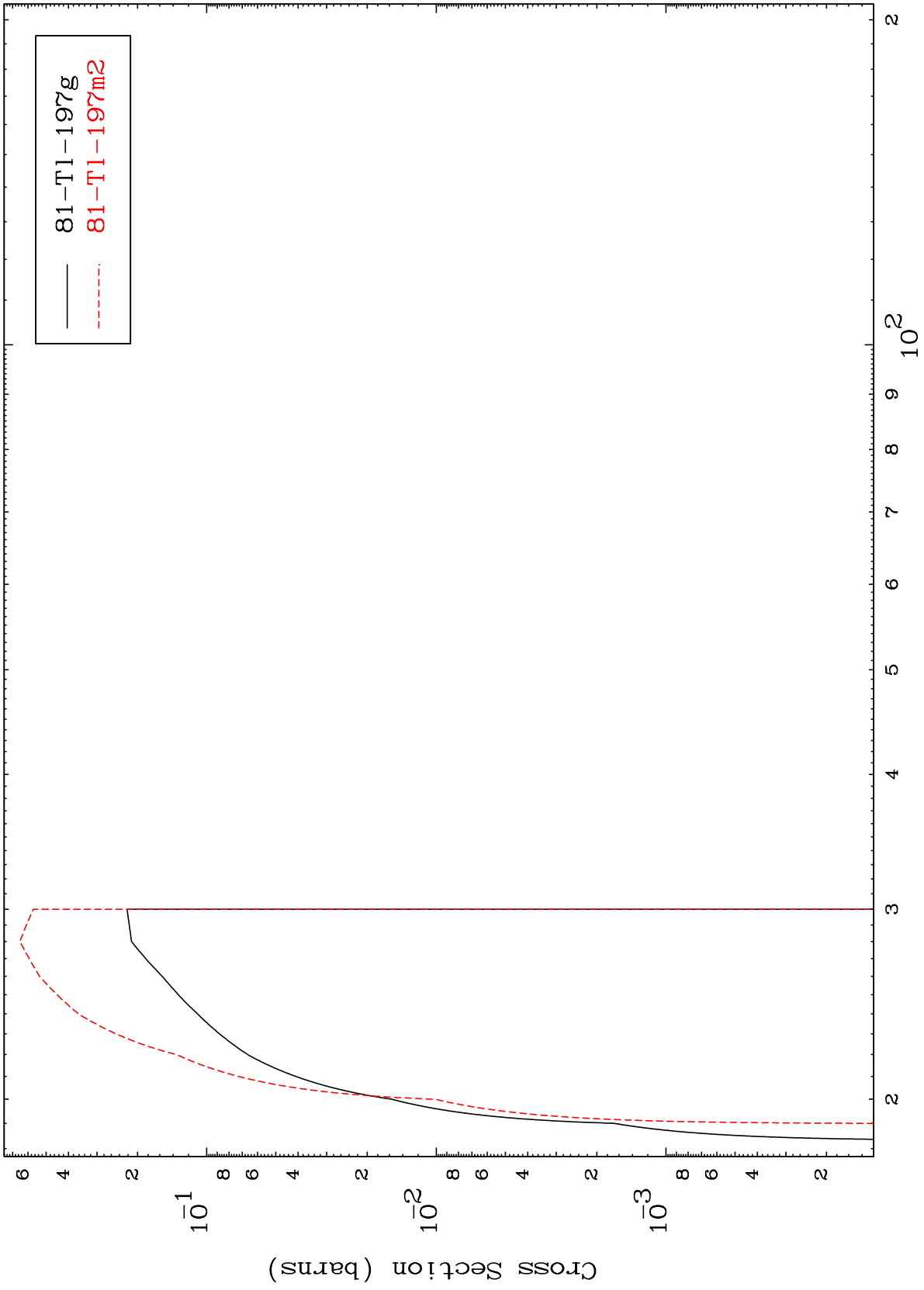
$\alpha$  Inelastic  
Radionuclide Production Cross Section



MAT 7919

79-Au-195

( $\alpha, 2n$ )  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

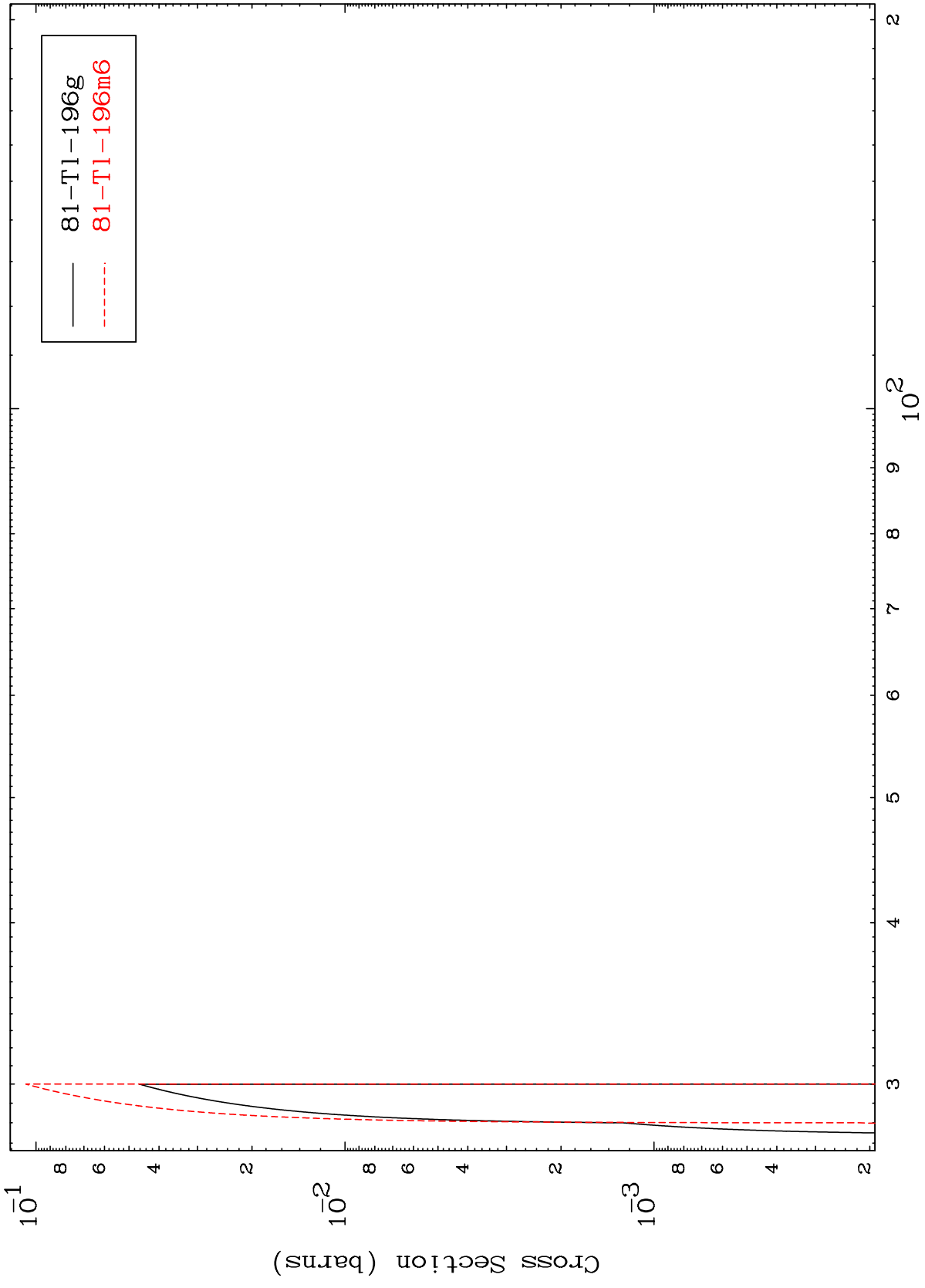
79-Au-195

MAT 7919

( $\alpha, 3n$ )

79-Au-195

Radionuclide Production Cross Section



81-Tl-196g  
81-Tl-196m6

13

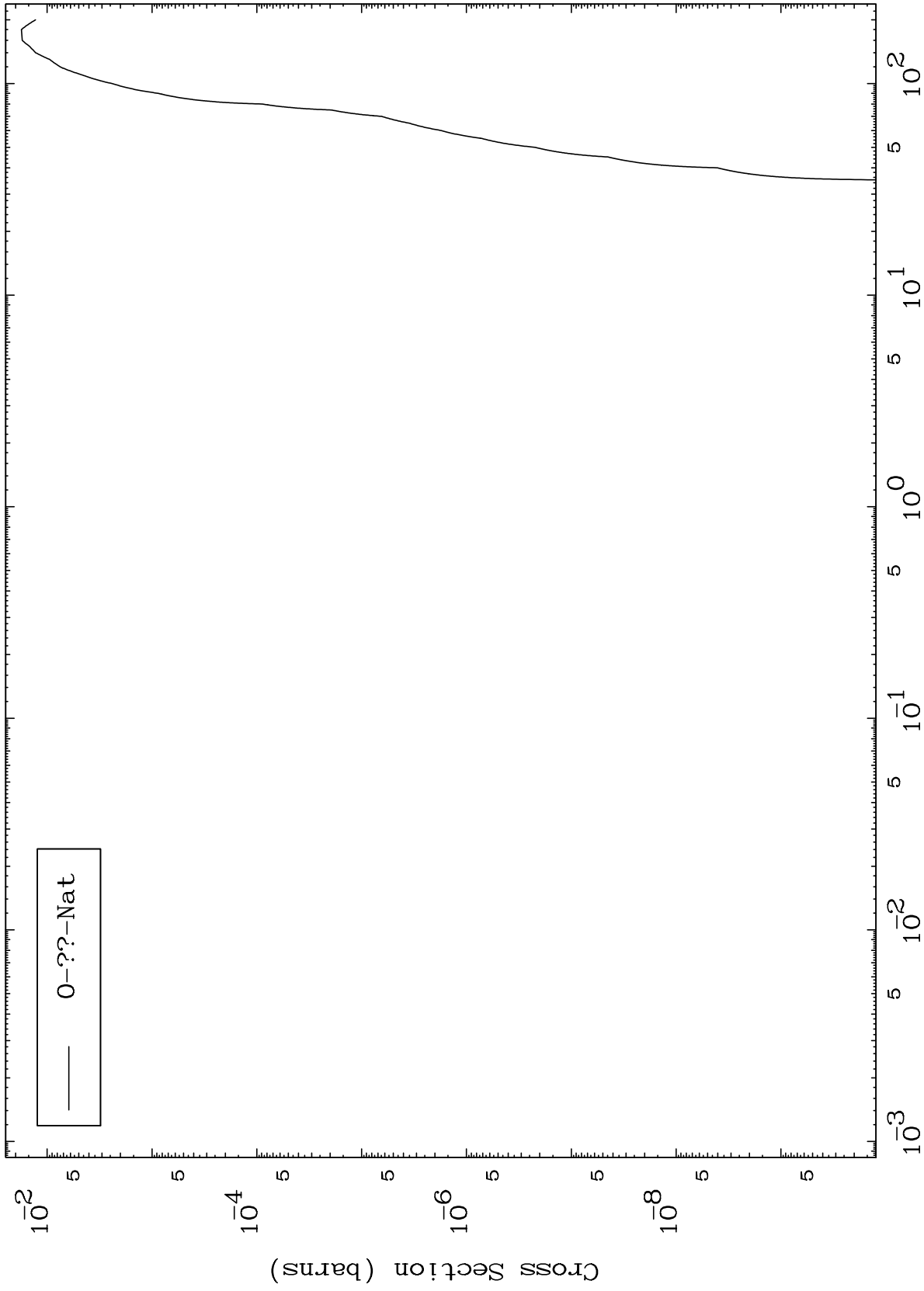
Incident Energy (MeV)

79-Au-195

MAT 7919

$\alpha$  Fission  
Radionuclide Production Cross Section

79-Au-195



14

Incident Energy (MeV)

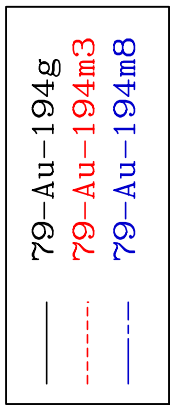
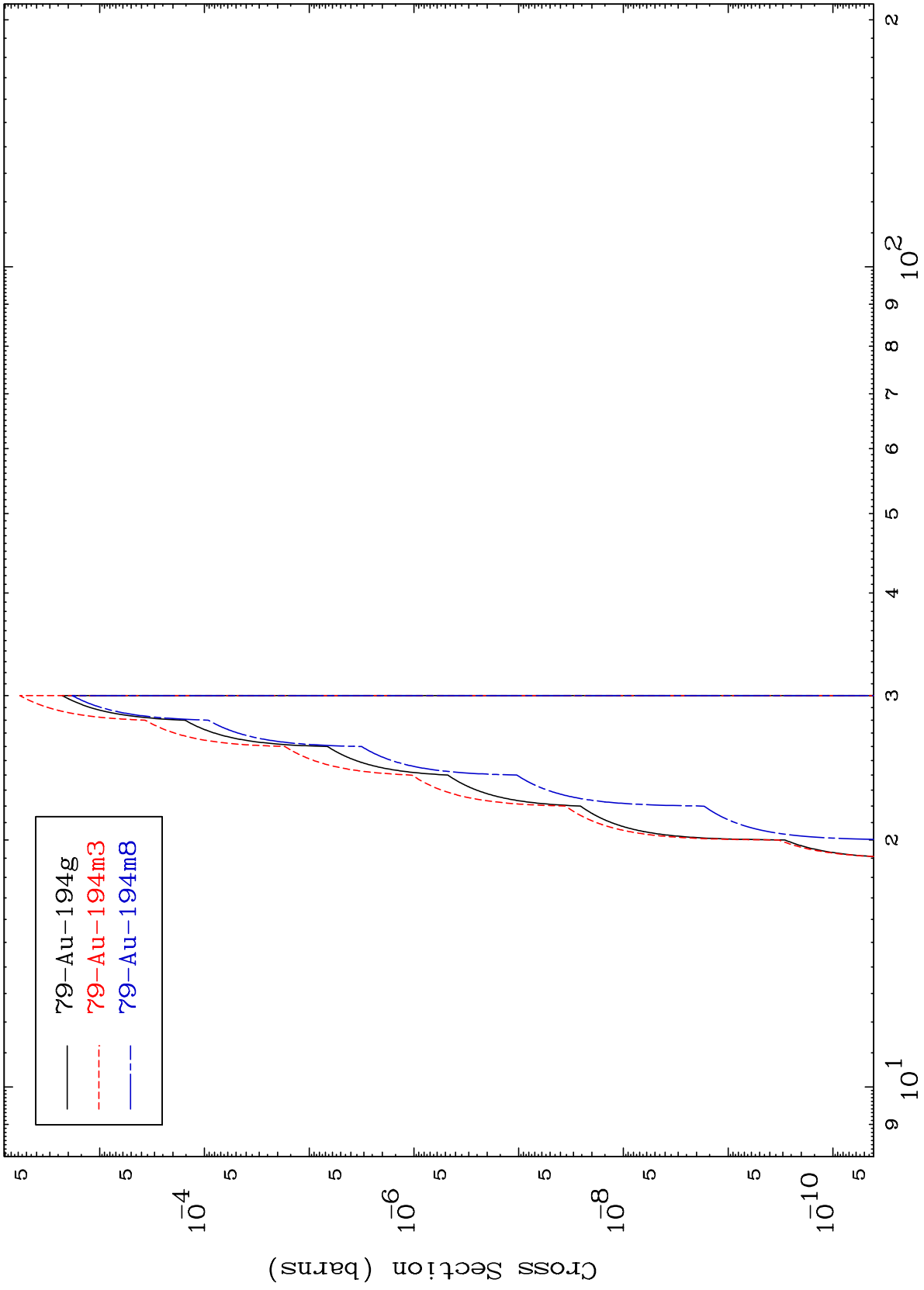
79-Au-195

MAT 7919

$(\alpha, n')$   $\alpha$

<sup>79</sup>Au-195

Radionuclide Production Cross Section



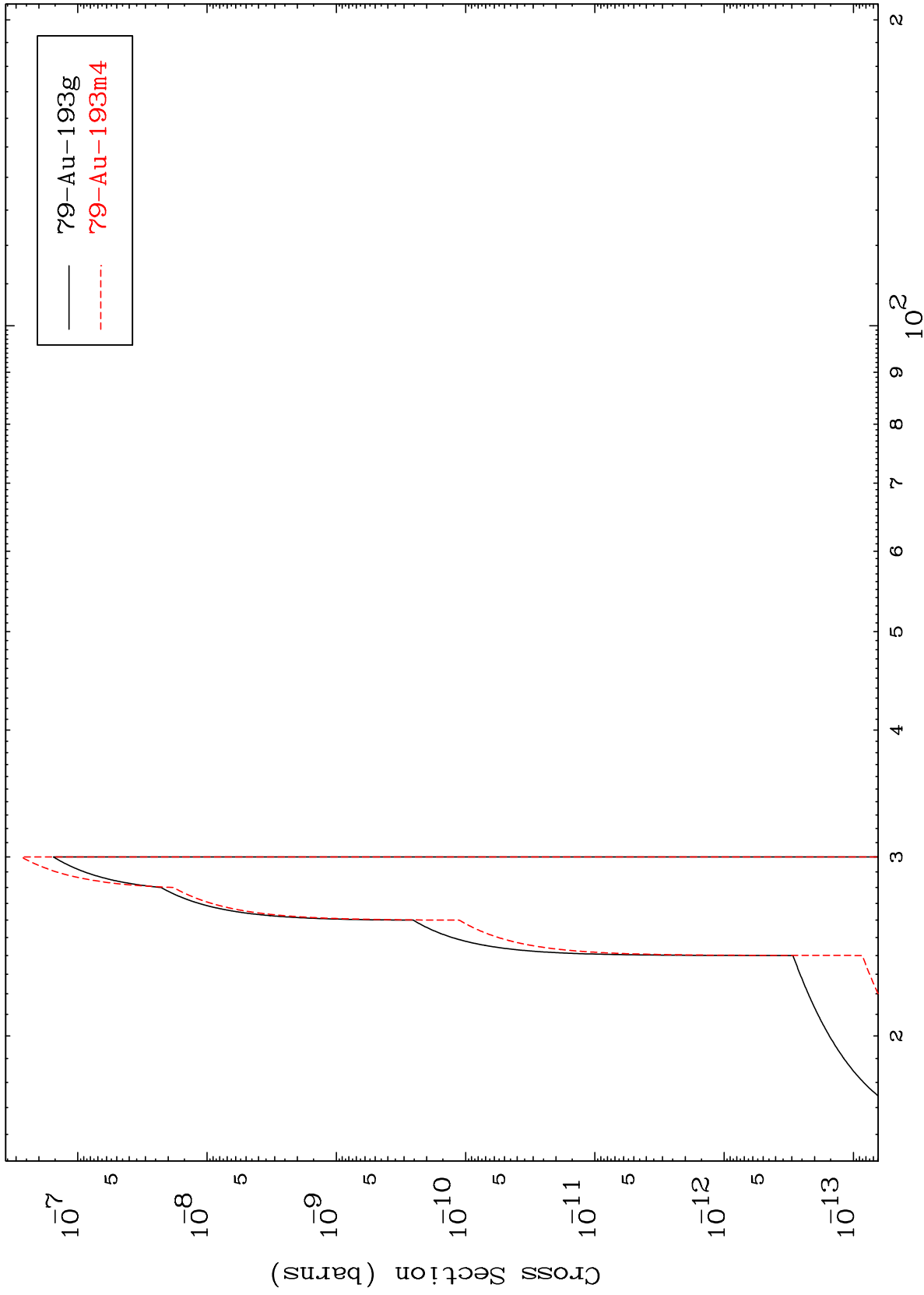


MAT 7919

$(\alpha, 2n) \alpha$

$^{79}\text{Au-195}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

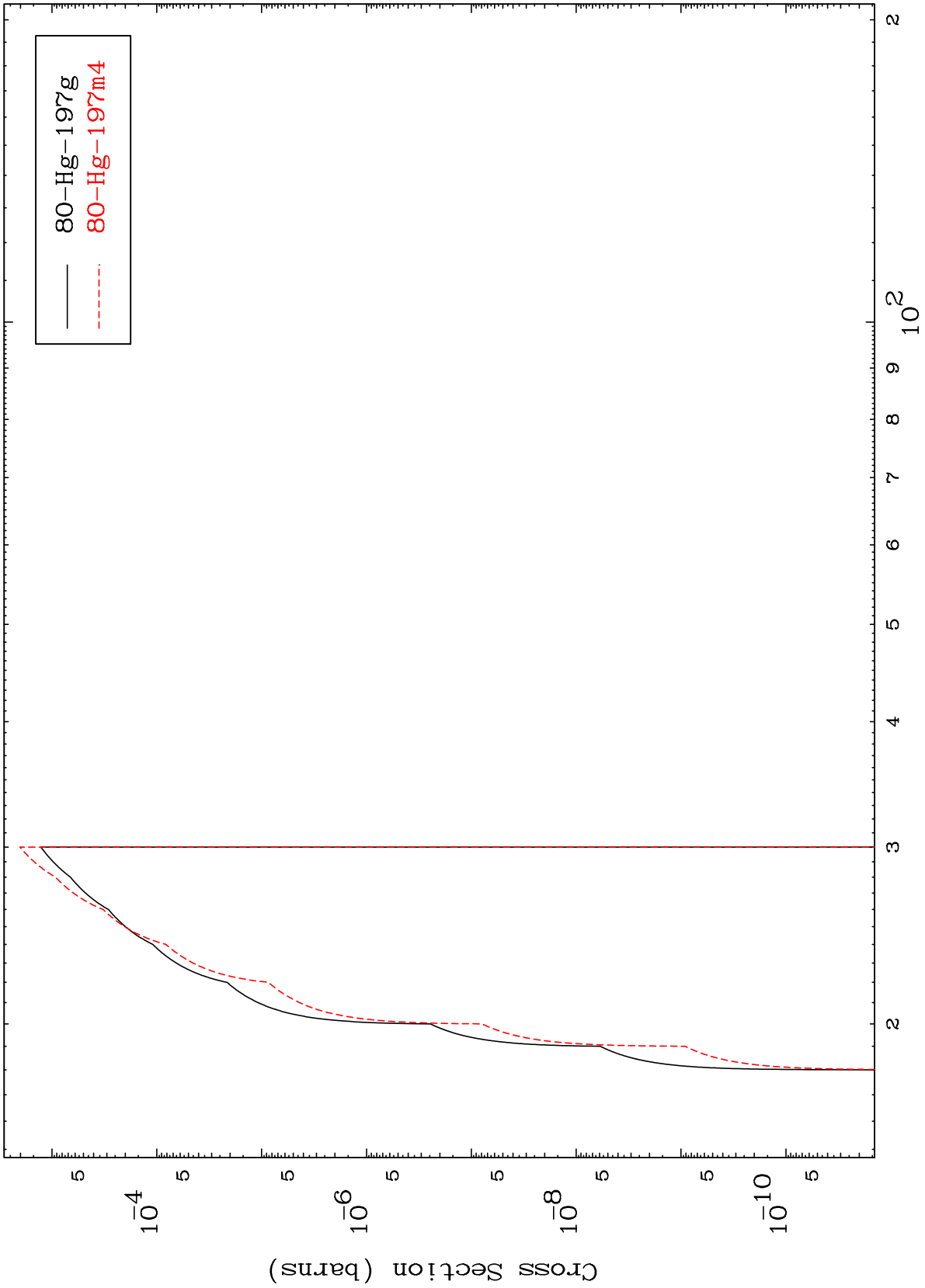
$^{79}\text{Au-195}$

MAT 7919

( $\alpha, n'$ ) p

79-Au-195

Radionuclide Production Cross Section



17

Incident Energy (MeV)

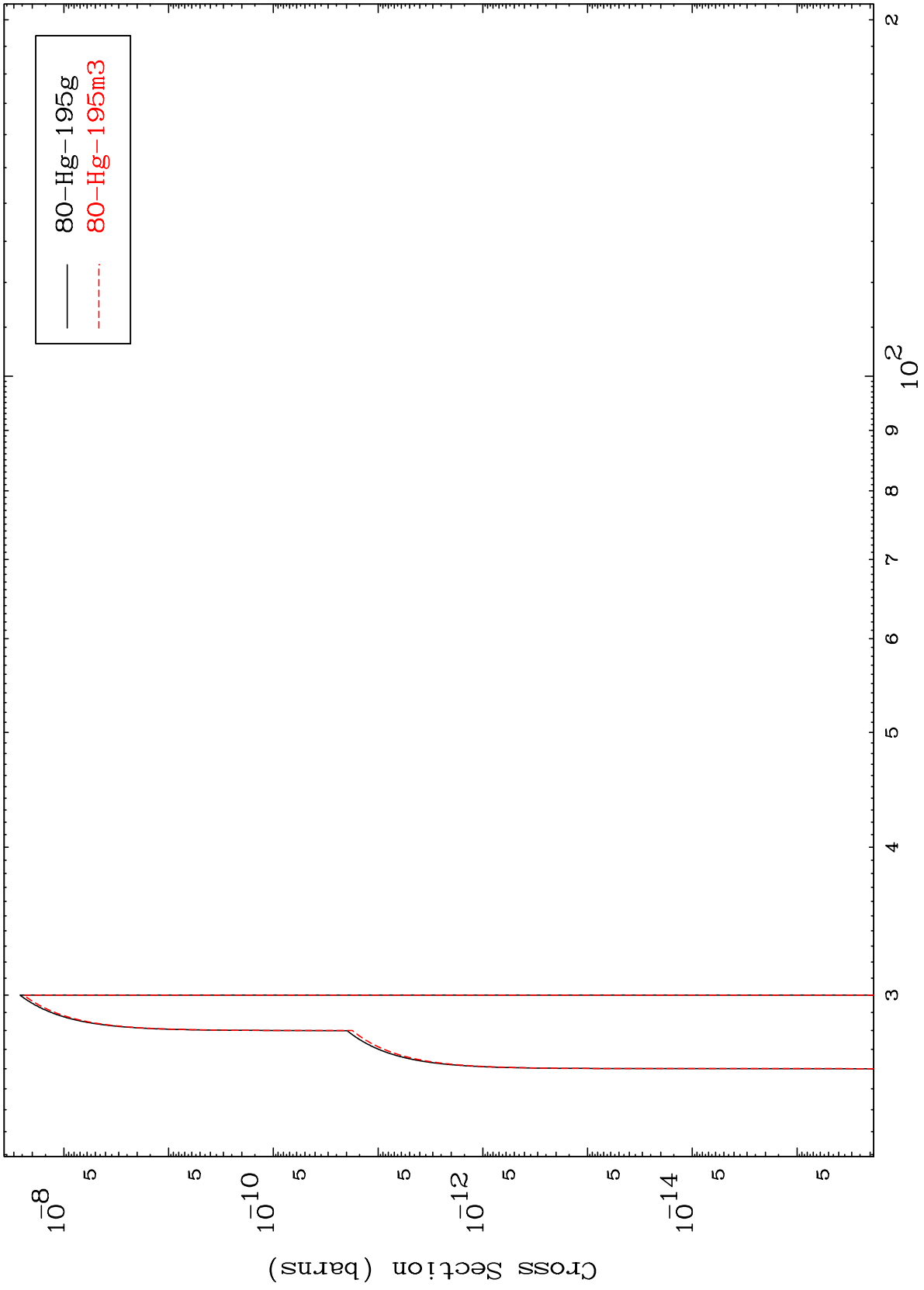
79-Au-195

MAT 7919

( $\alpha, n'$ ) t

79-Au-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

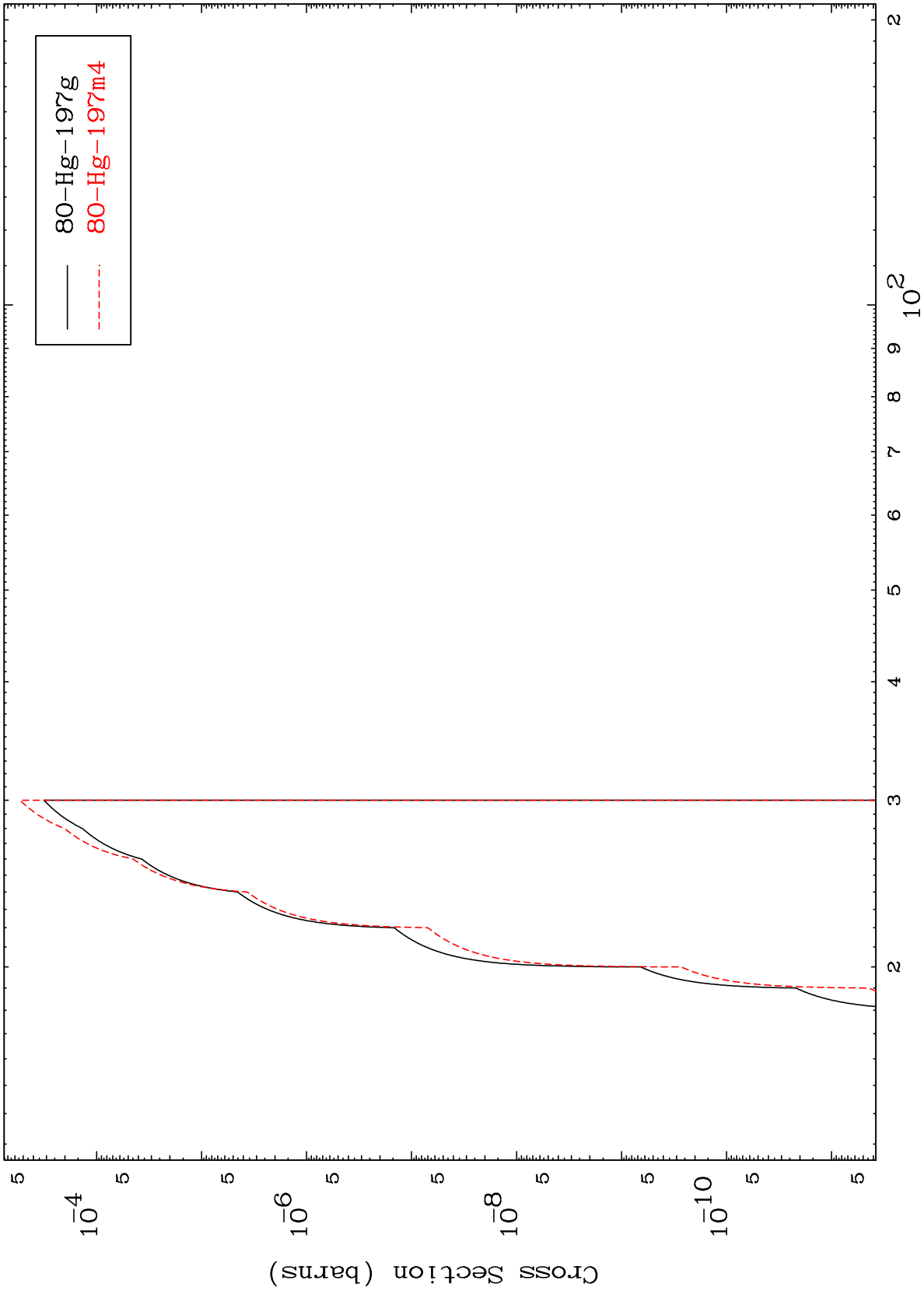
79-Au-195

MAT 7919

( $\alpha, d$ )

79-Au-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

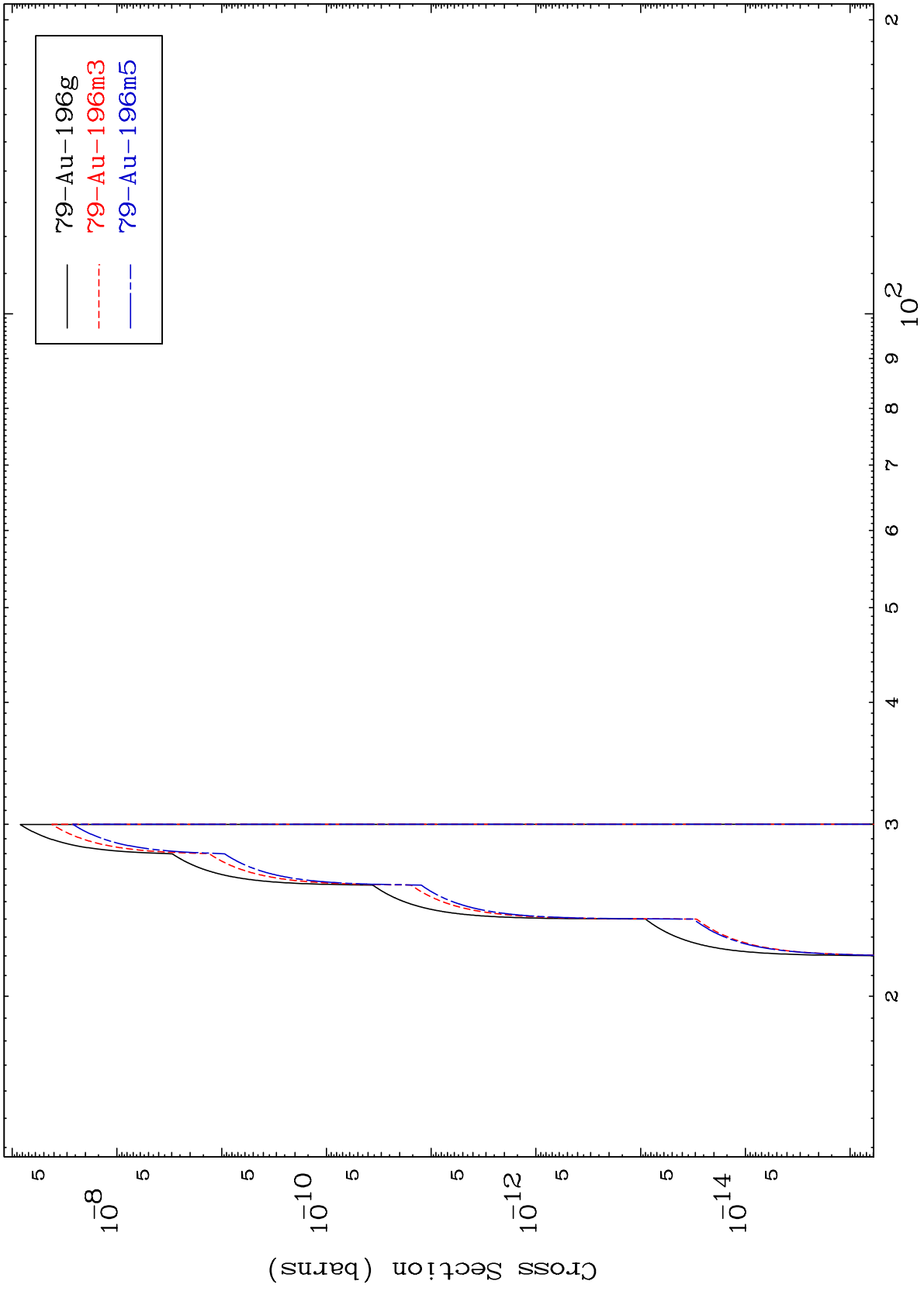
79-Au-195

MAT 7919

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

$^{79}\text{Au-195}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

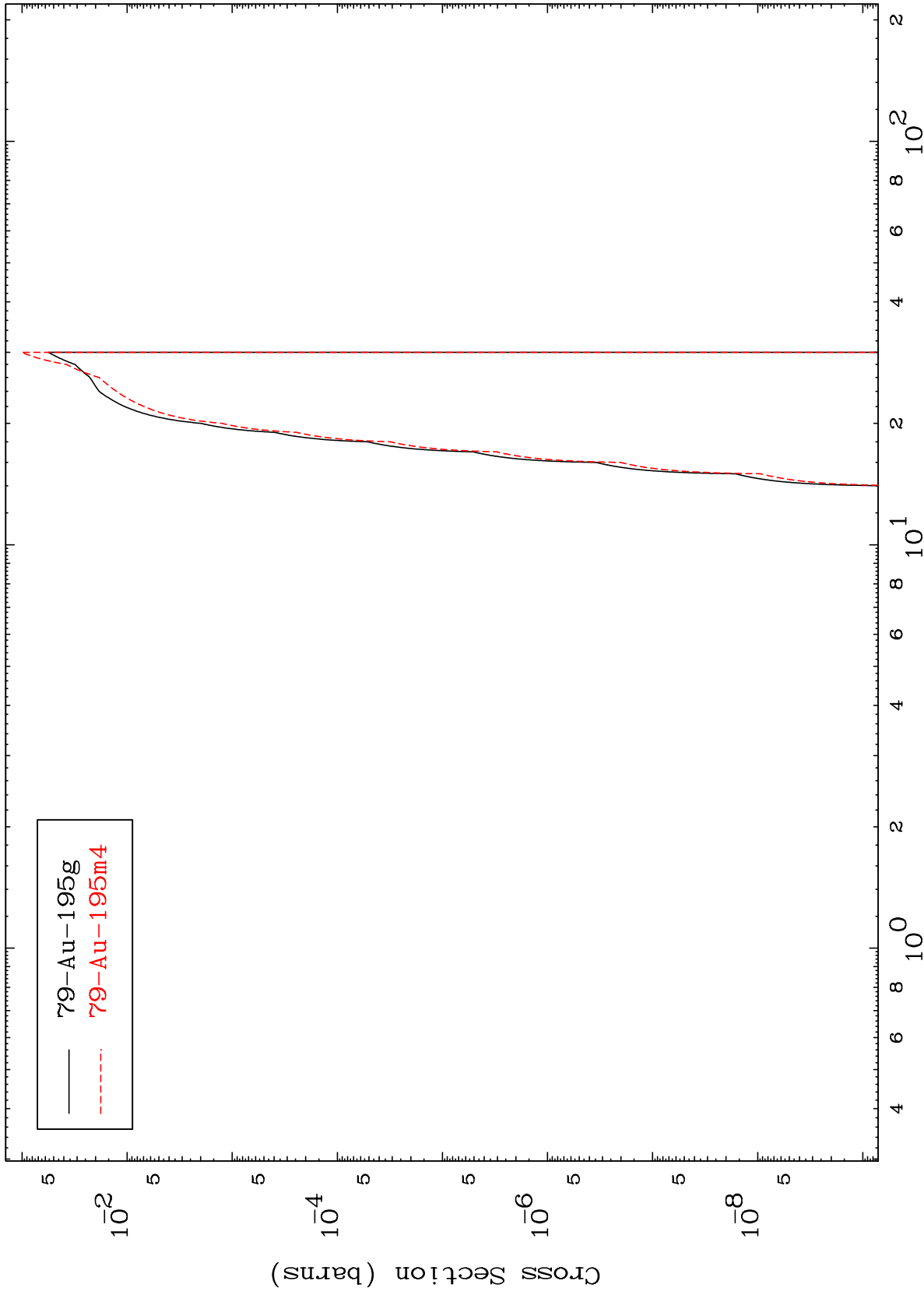
$^{79}\text{Au-195}$

MAT 7919

( $\alpha, \alpha$ )

<sup>79</sup>Au-195

Radionuclide Production Cross Section



21

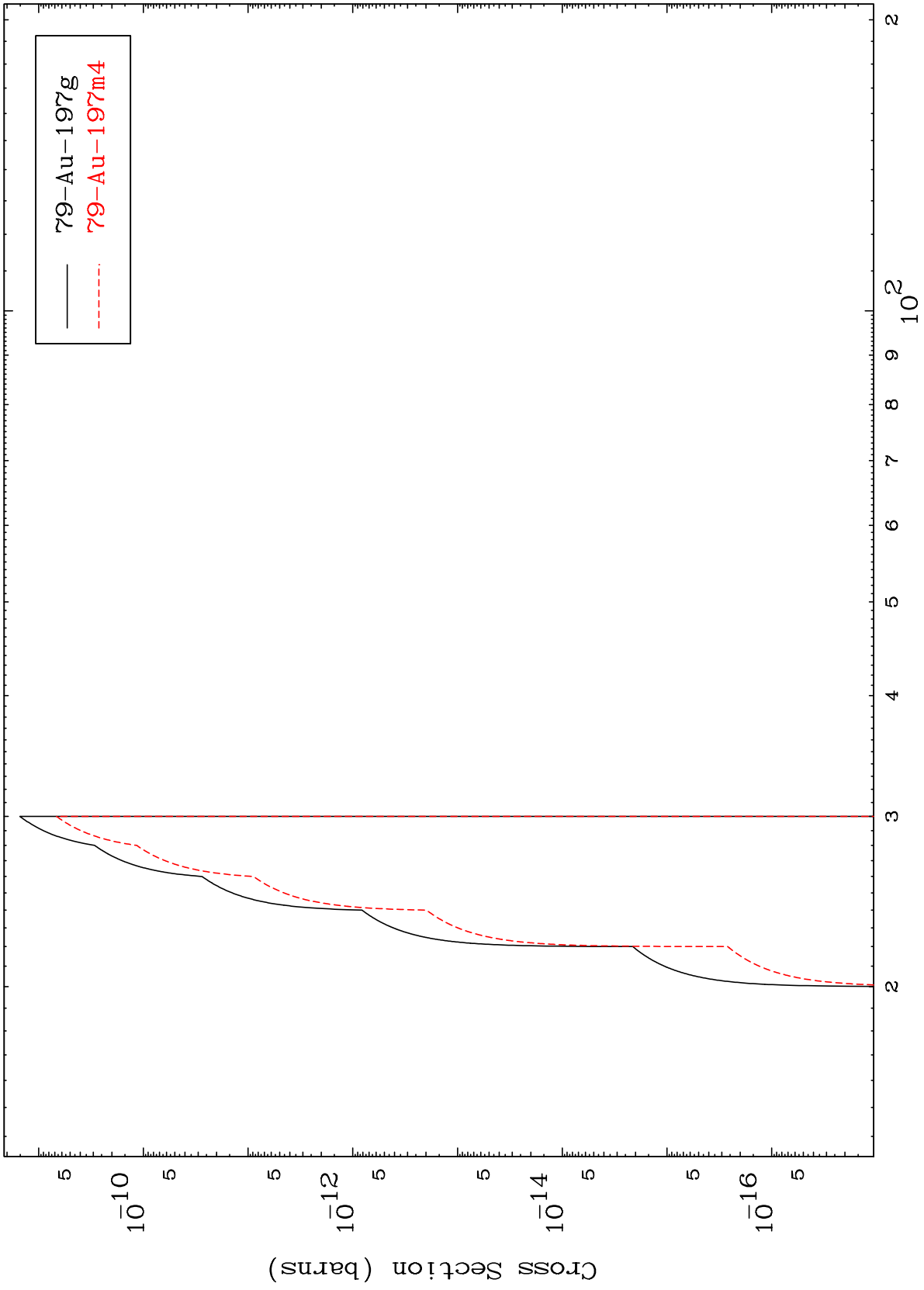
Incident Energy (MeV)

<sup>79</sup>Au-195

MAT 7919

79-Au-195

( $\alpha, 2p$ )  
Radionuclide Production Cross Section



22

79-Au-195

Incident Energy (MeV)