

Program EVALPLOT  
(Version 2021-1)

by

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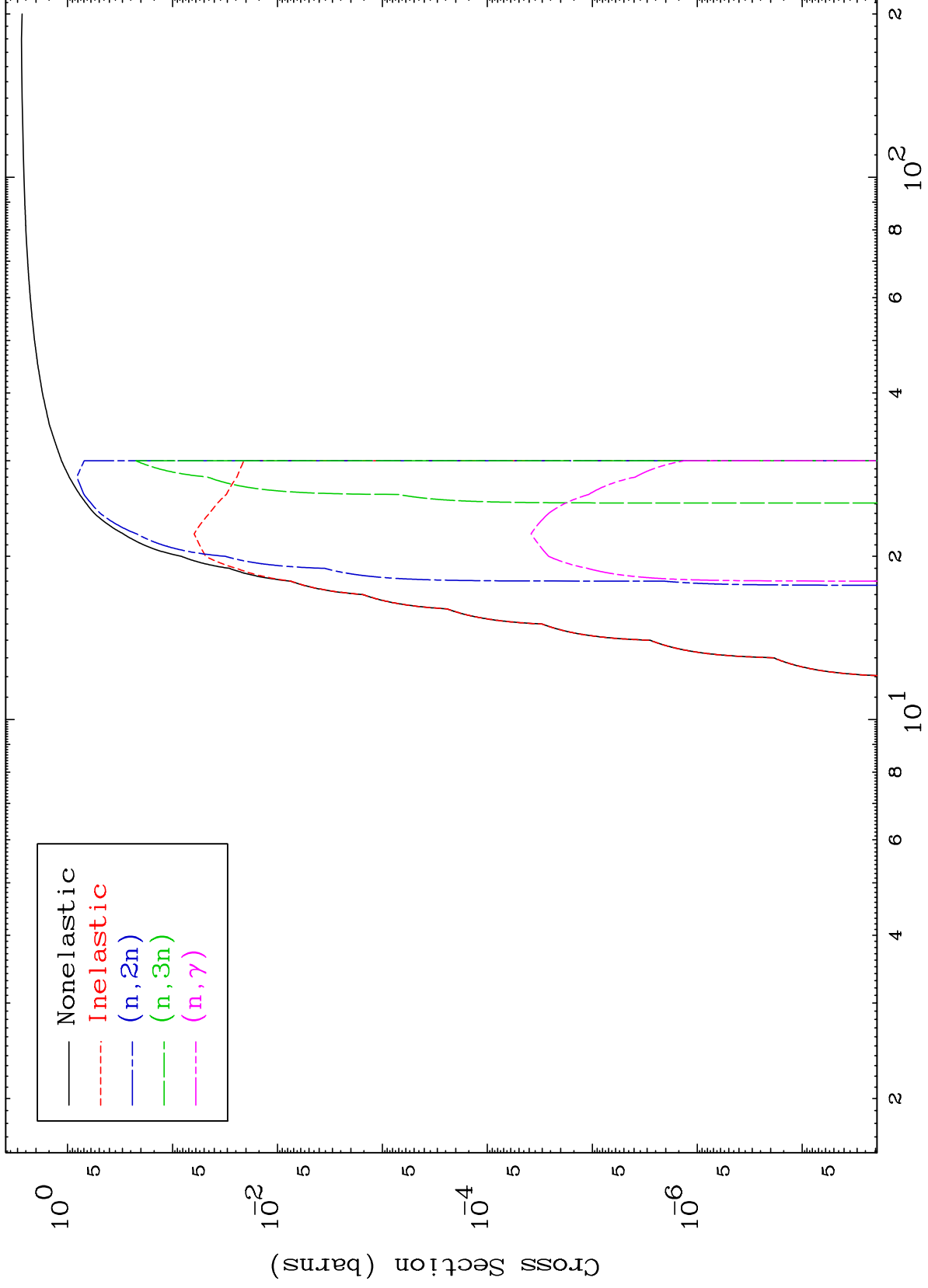
Press Mouse Button to Start

MAT 7922

0 Kelvin Cross Sections

$\alpha$  Major

79-Au-196



1

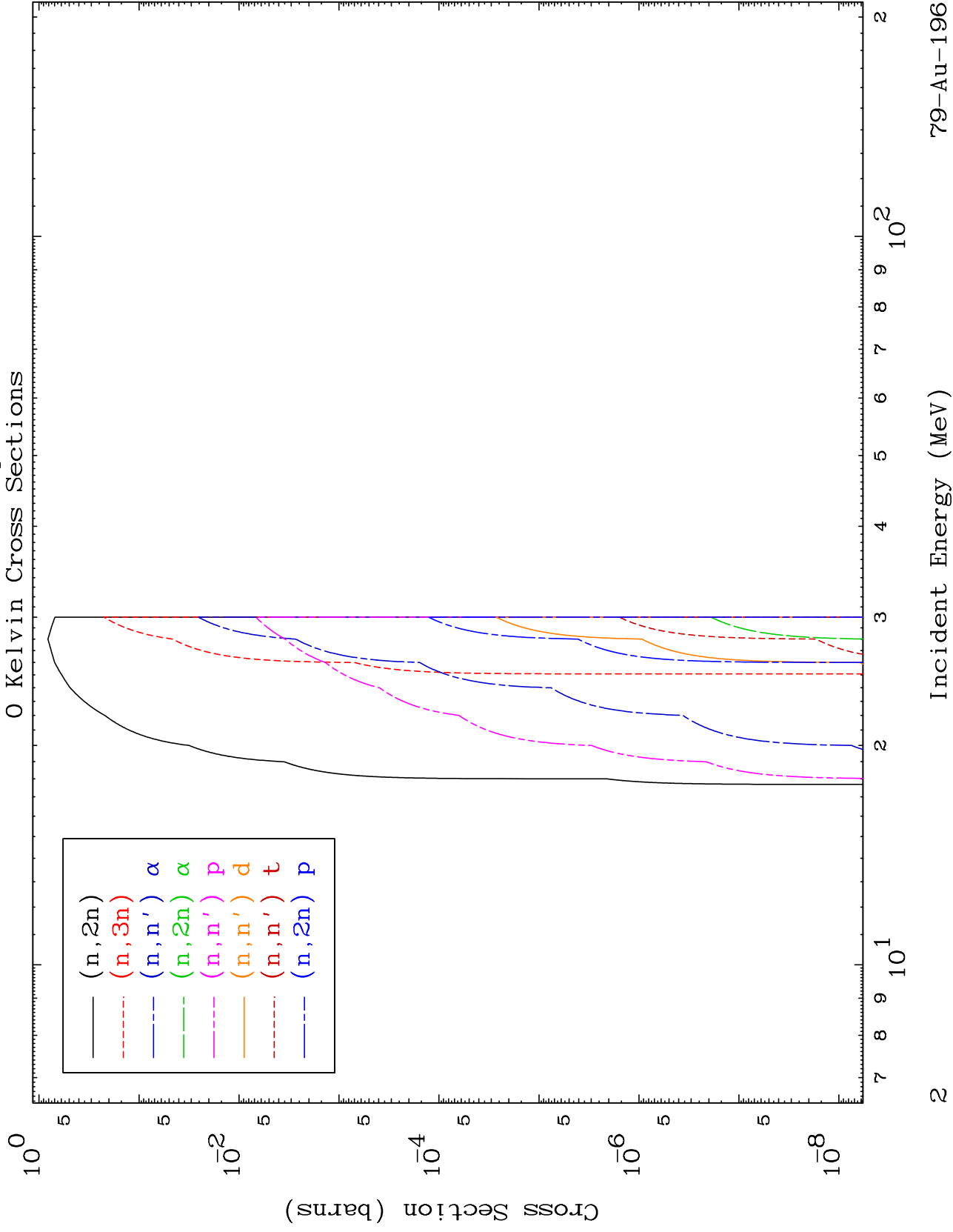
Incident Energy (MeV)

79-Au-196

MAT 7922

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

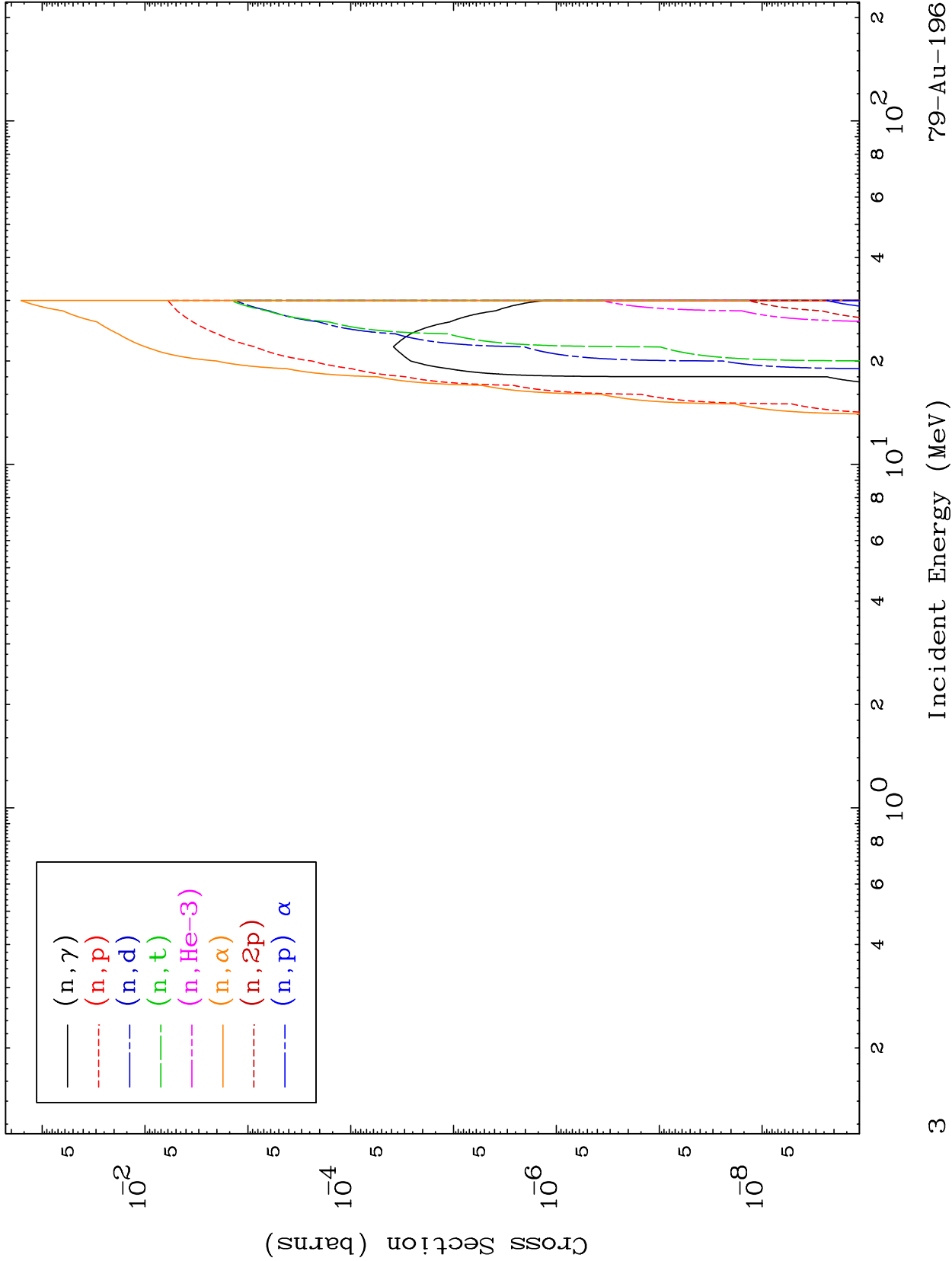
79-Au-196

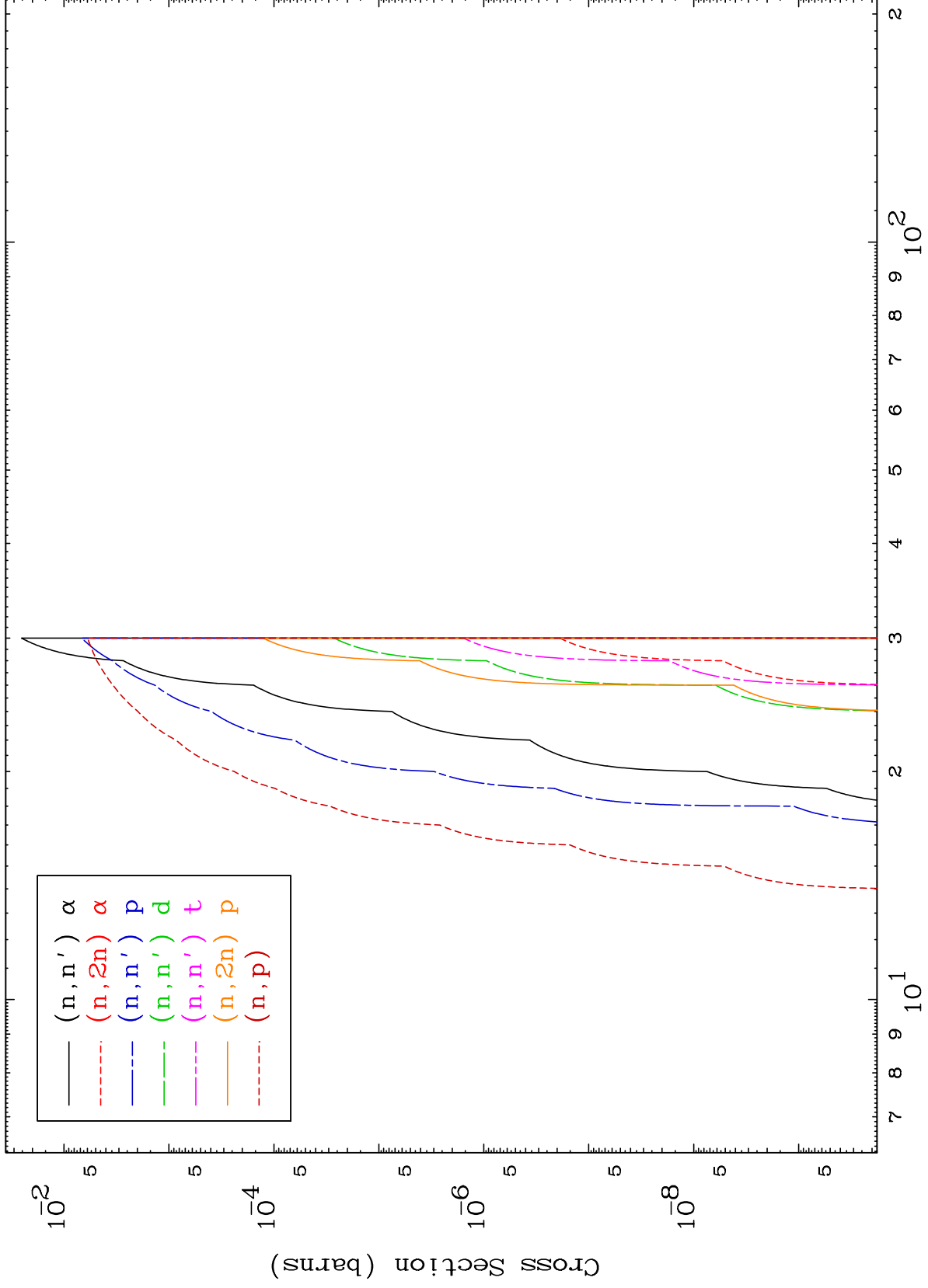


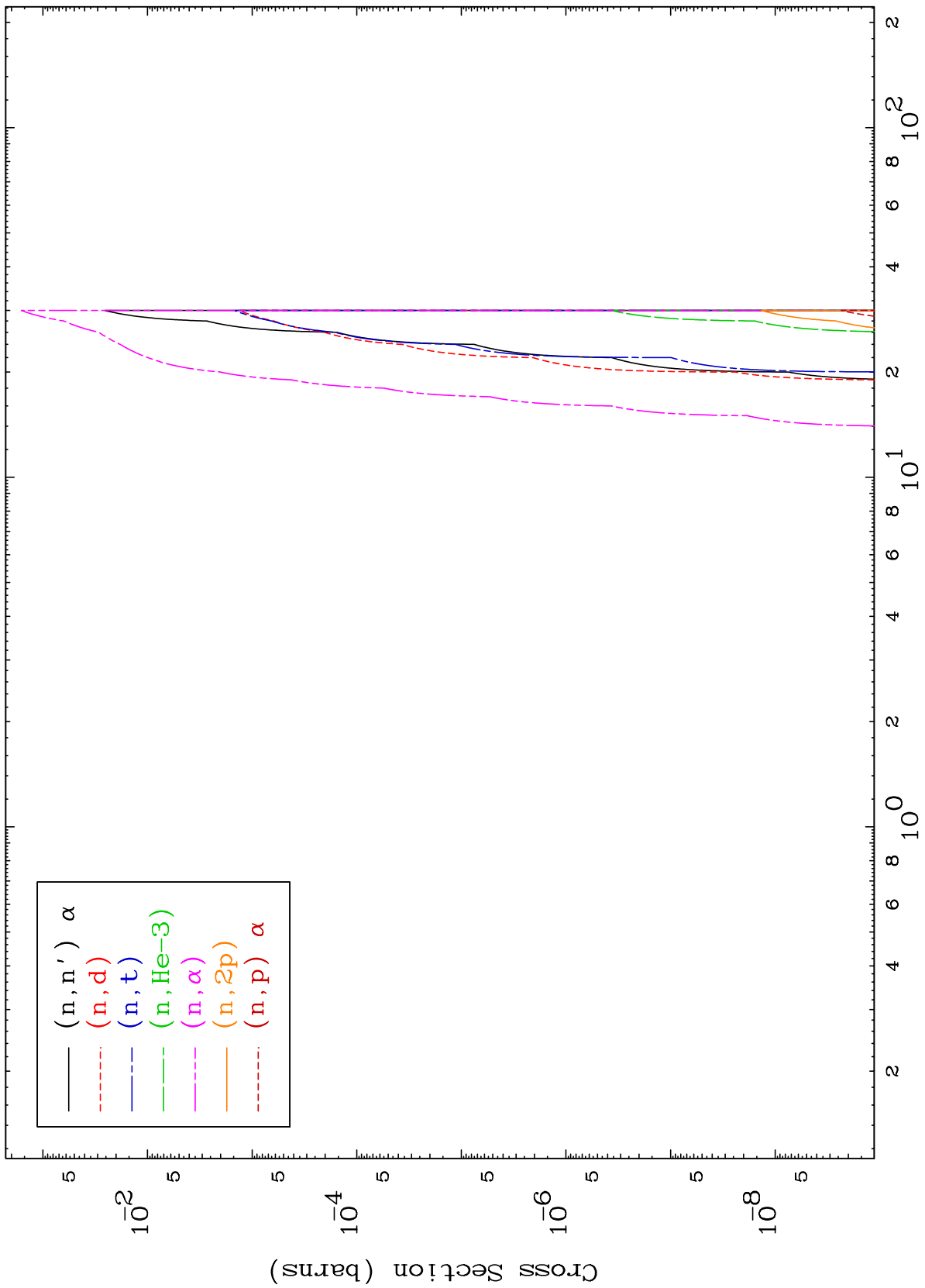
2

Incident Energy (MeV)

79-Au-196



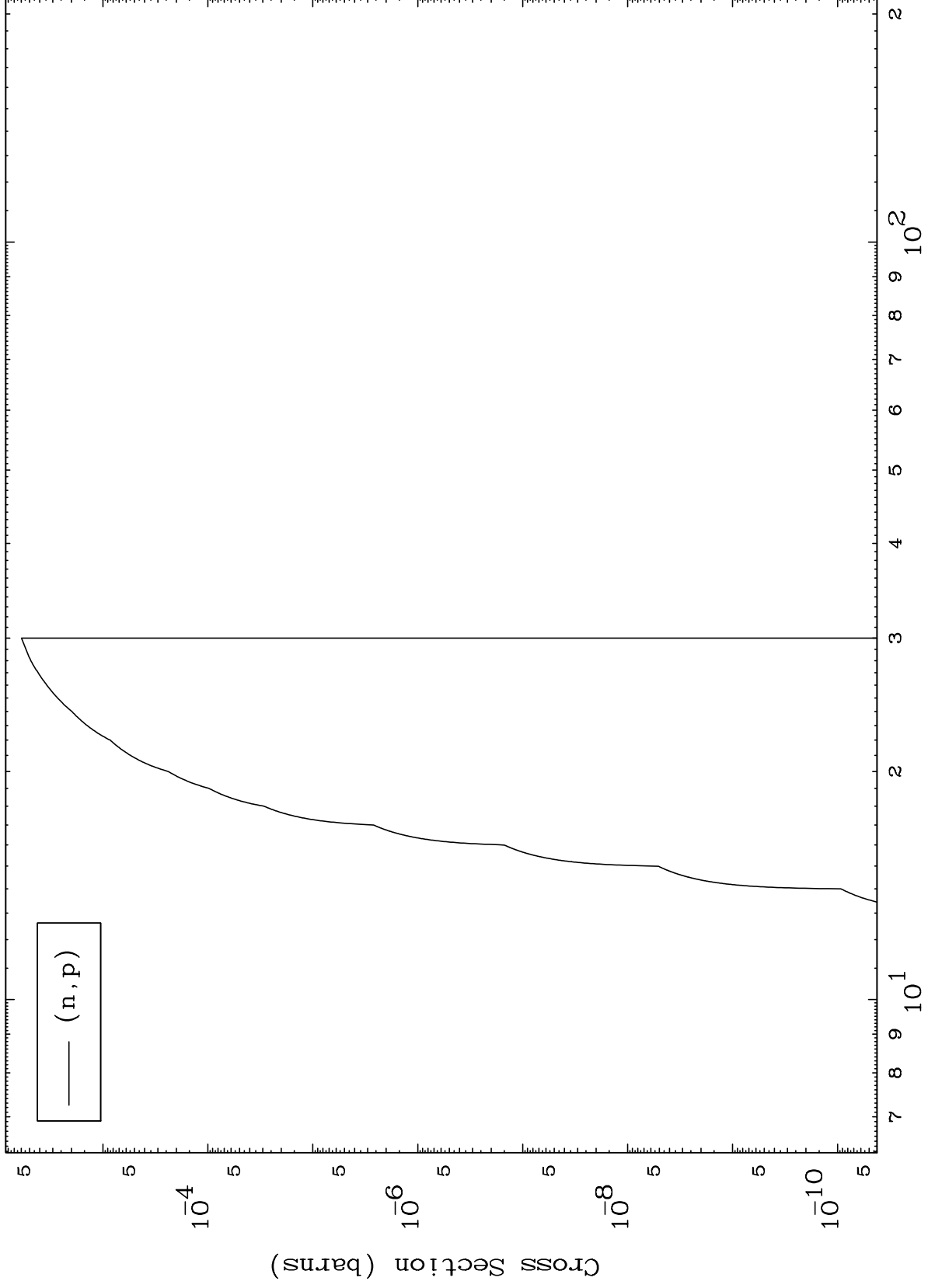




MAT 7922

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

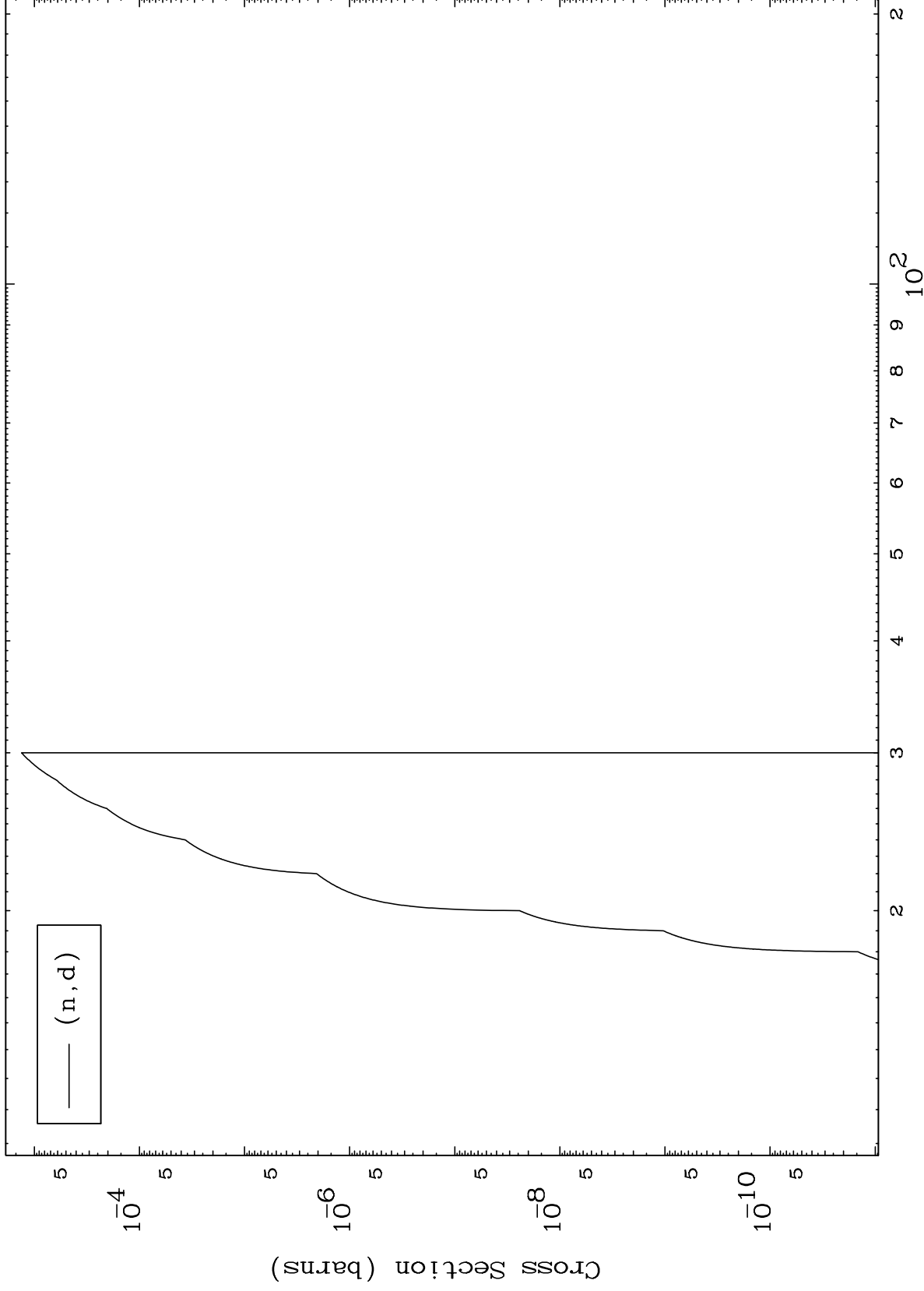
79-Au-196



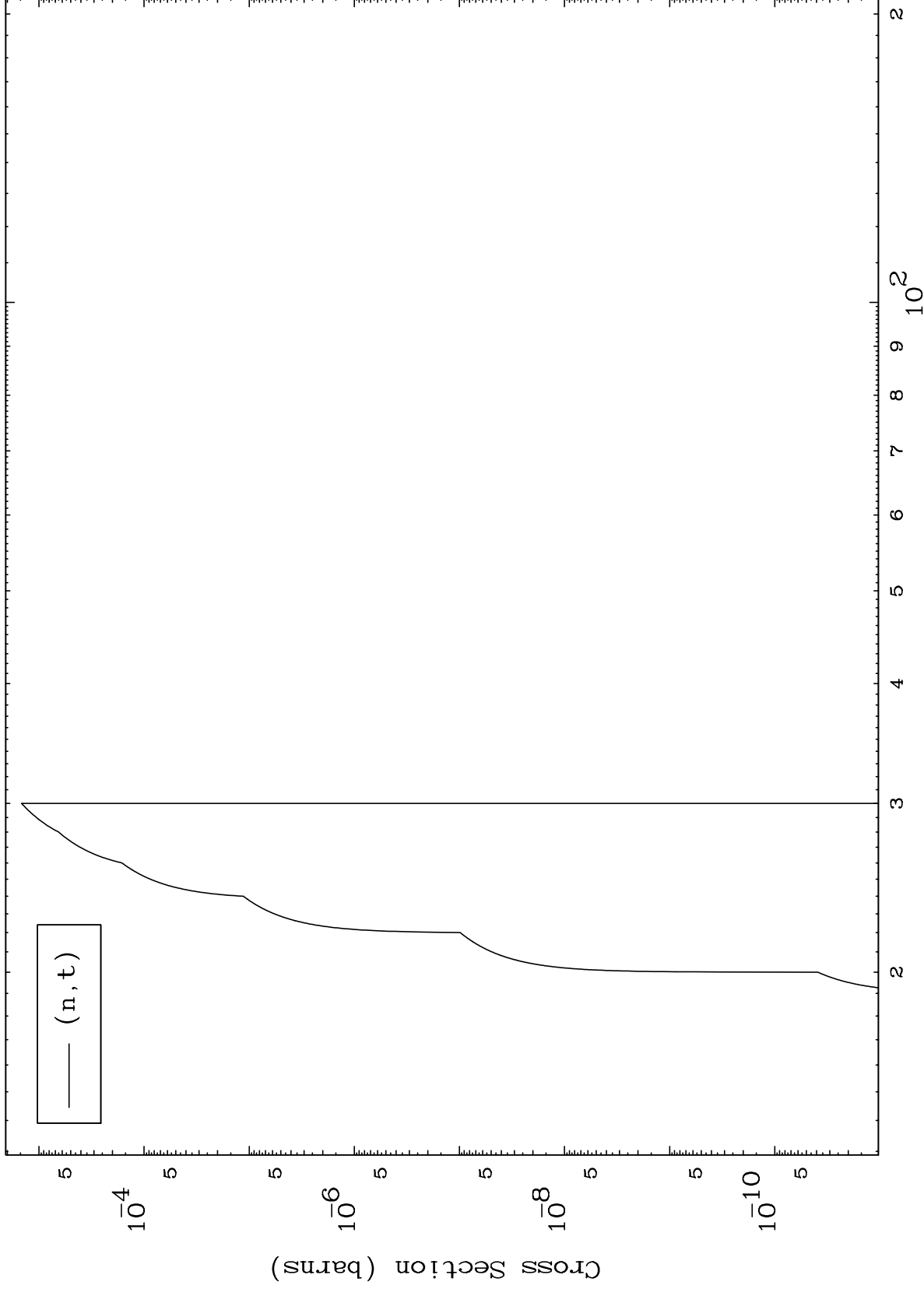
6

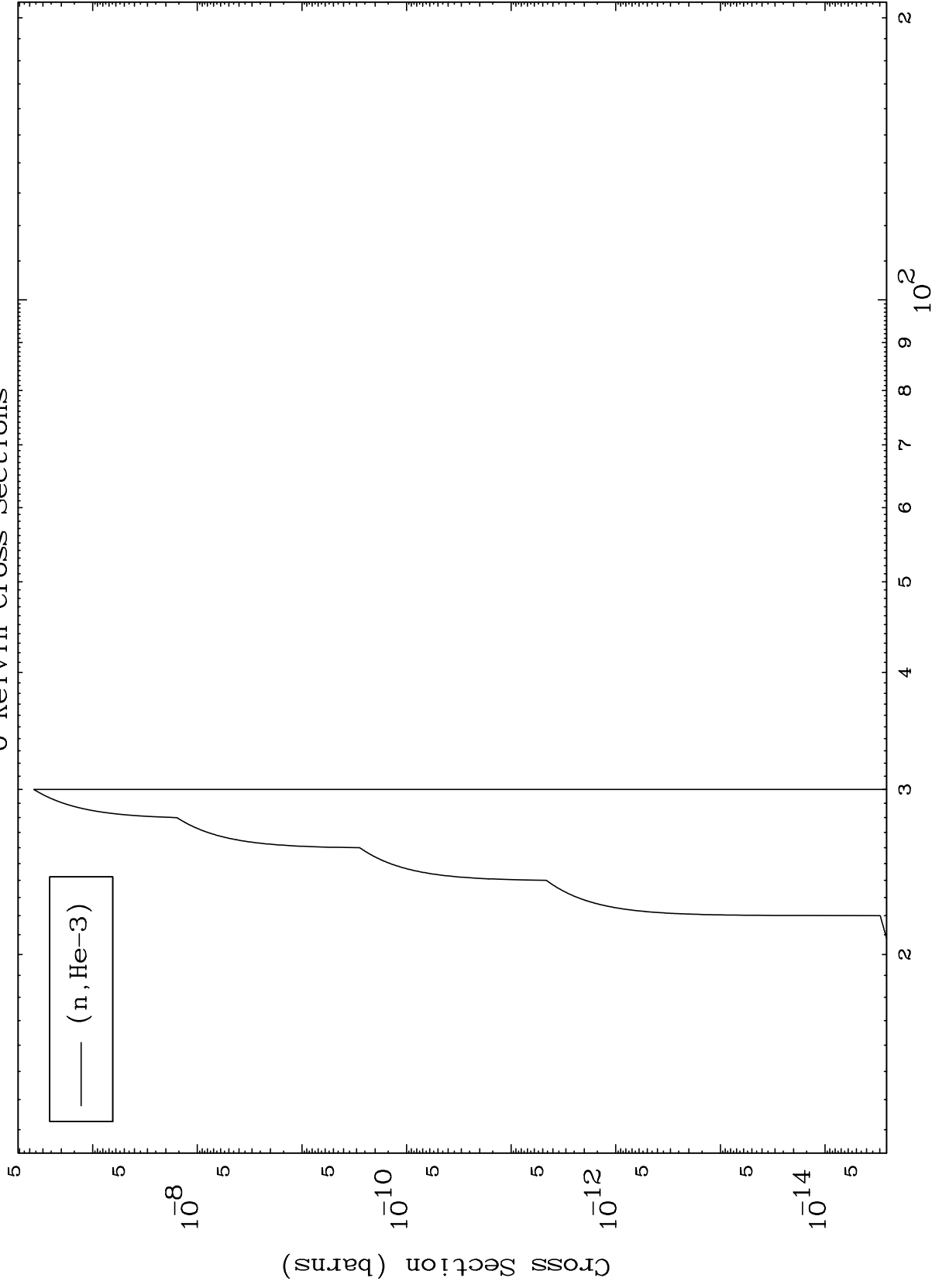
Incident Energy (MeV)

79-Au-196







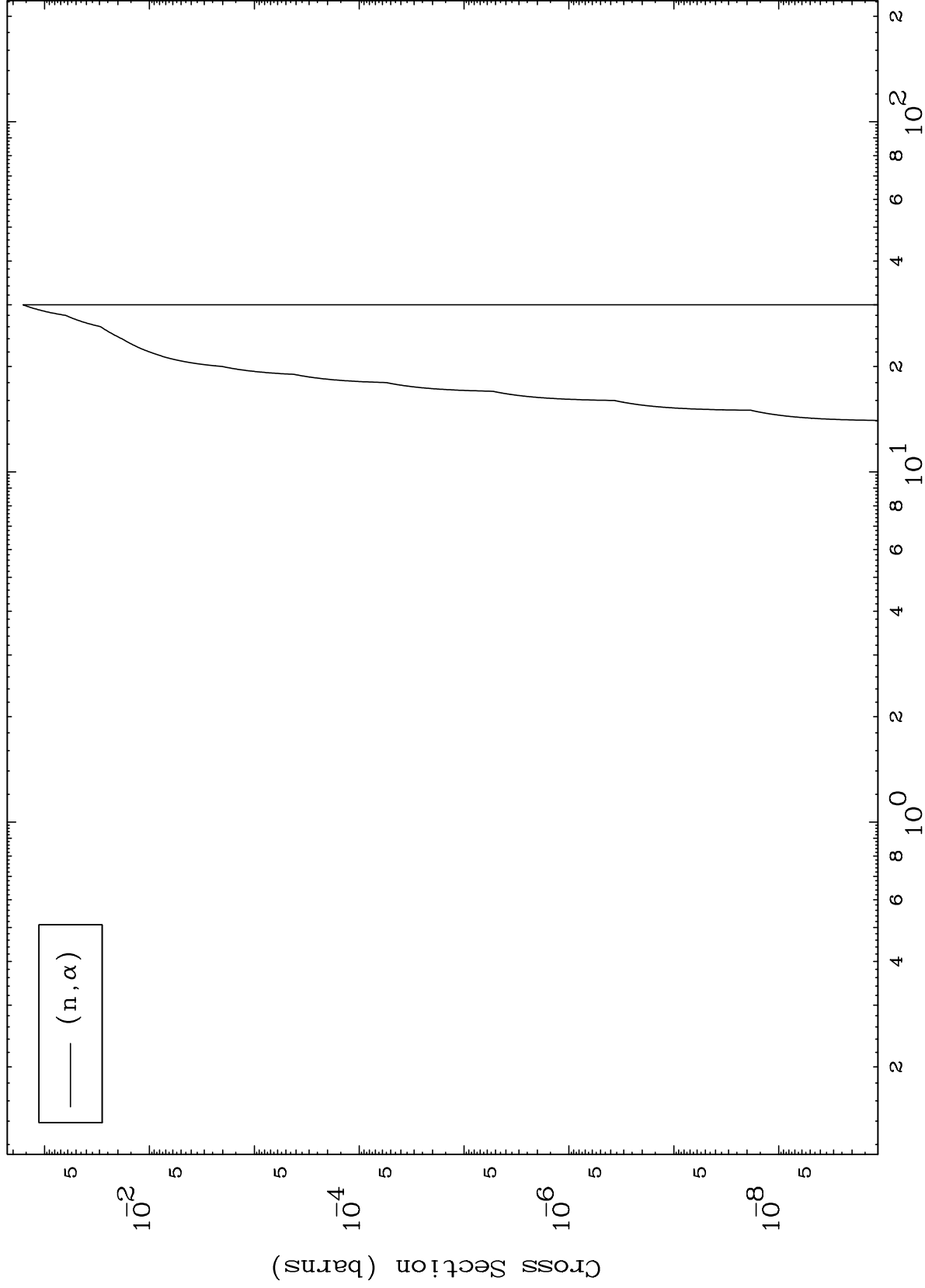


MAT 7922

( $\alpha, \alpha$ ) Levels

79-Au-196

0 Kelvin Cross Sections

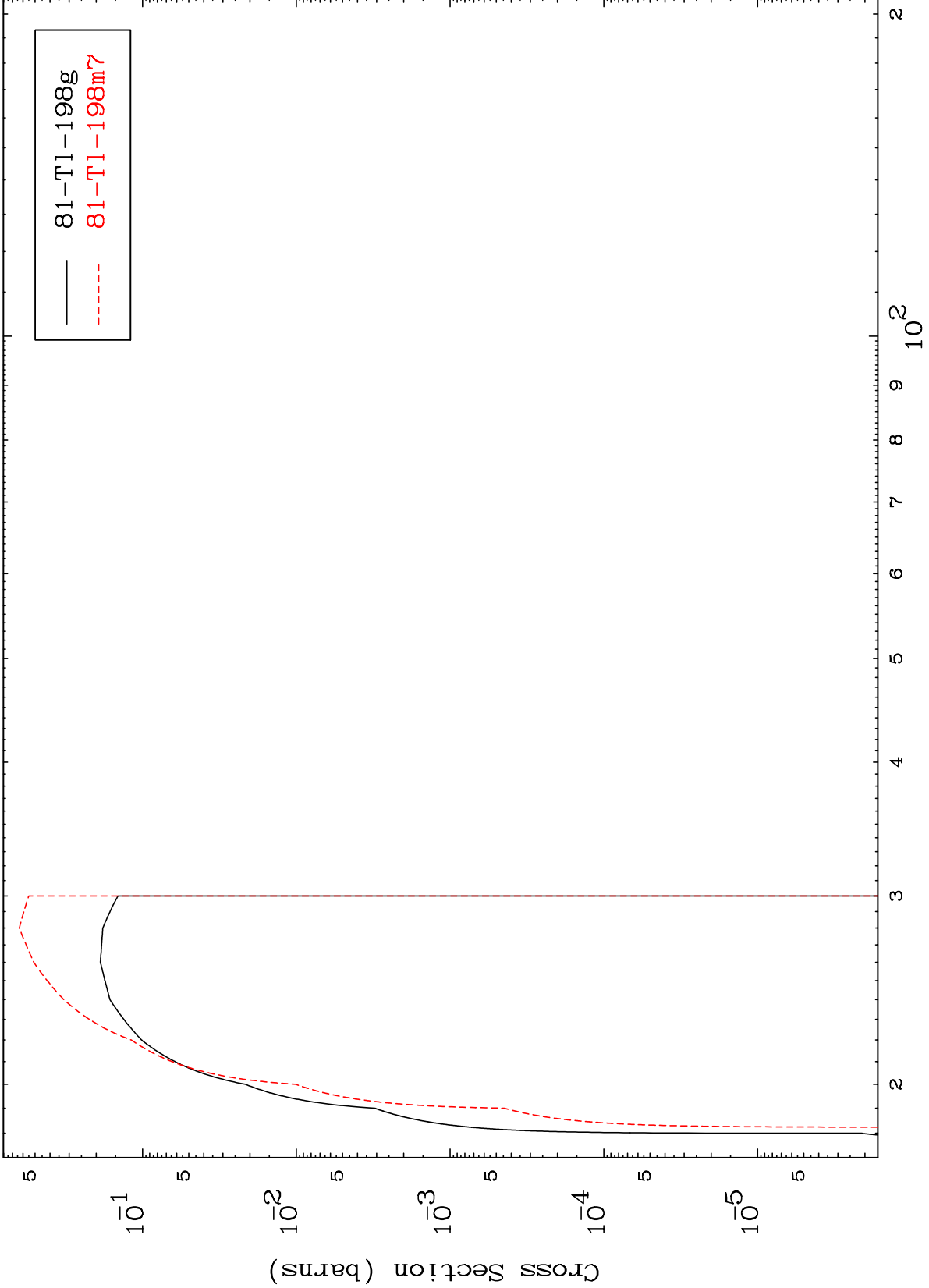


10

Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section

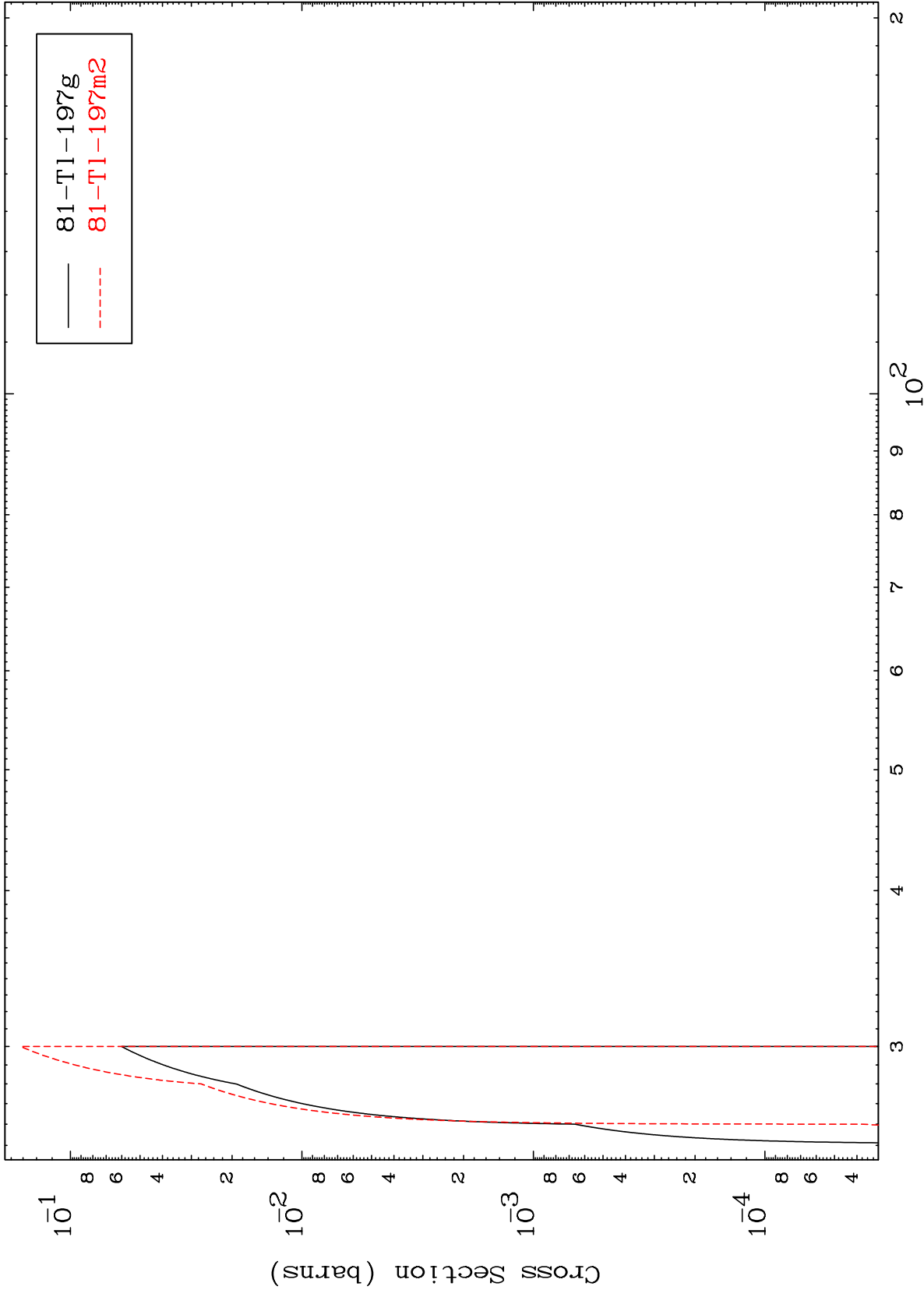


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(n,3n)

79-Au-196

Radionuclide Production Cross Section



12

Incident Energy (MeV)

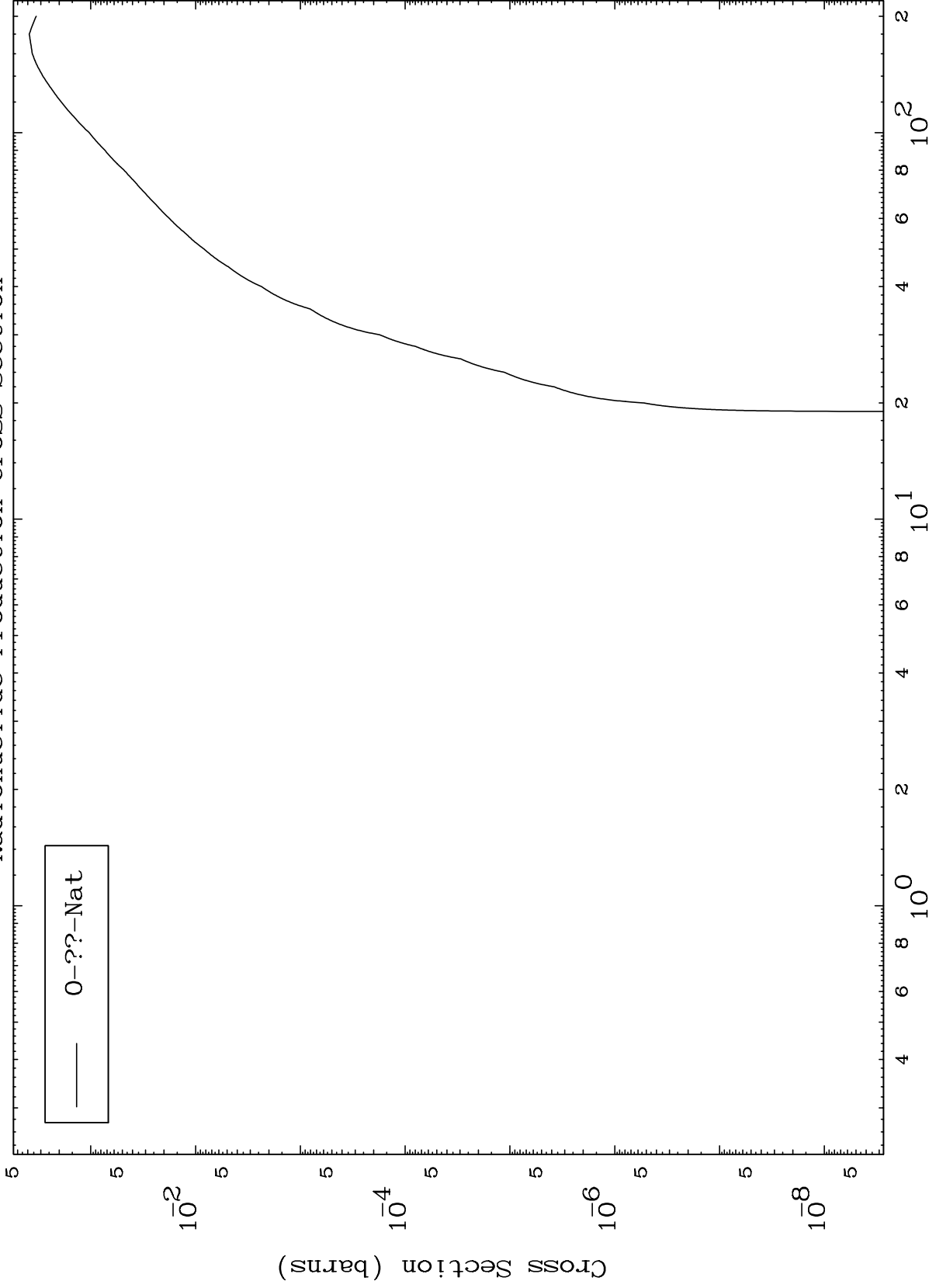
79-Au-196

MAT 7922

Fission

79-Au-196

Radionuclide Production Cross Section

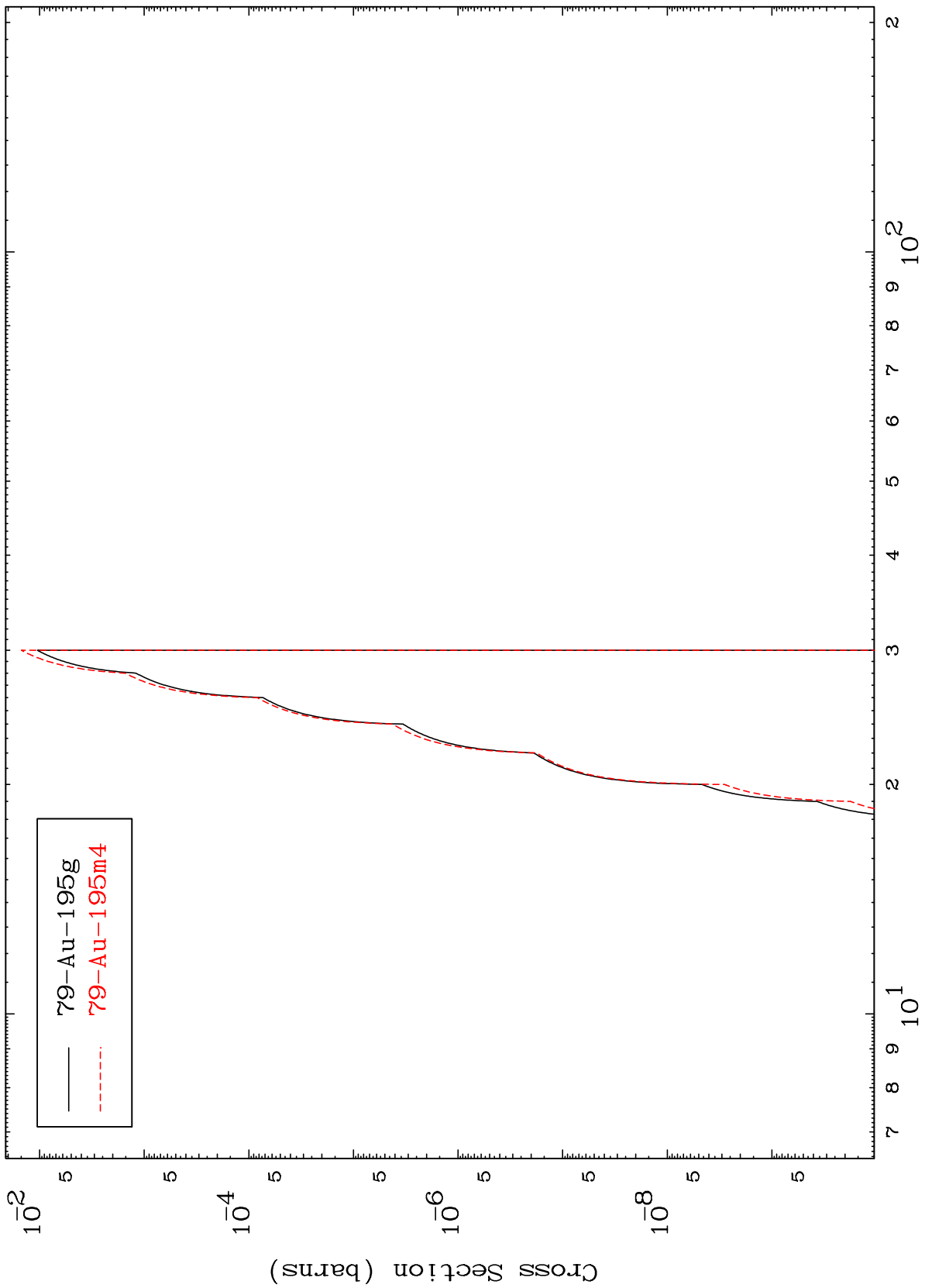


MAT 7922

$(n, n') \alpha$

$^{79}\text{Au-196}$

Radionuclide Production Cross Section



—  $^{79}\text{Au-195g}$   
- - -  $^{79}\text{Au-195m4}$

14

Incident Energy (MeV)

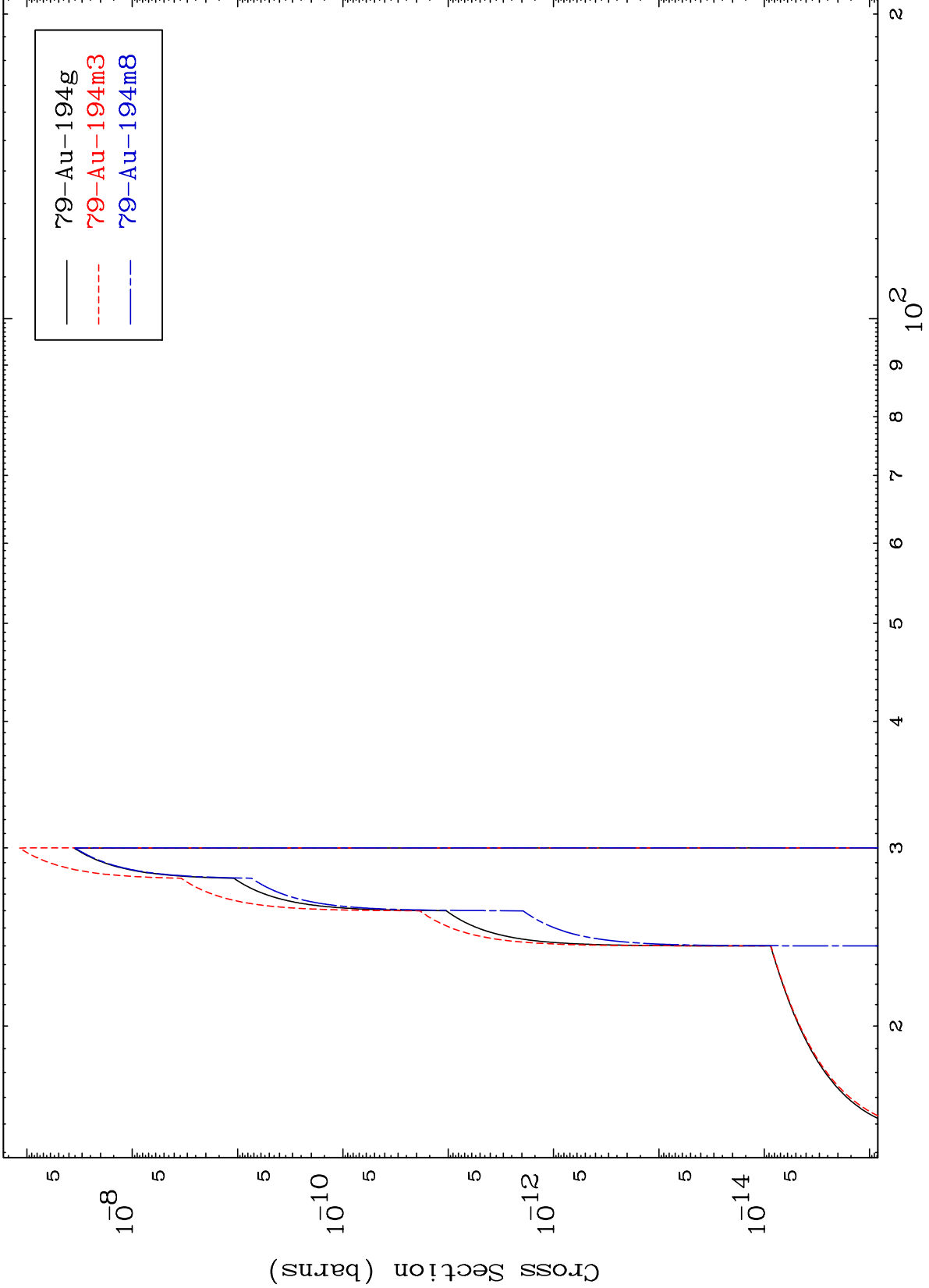
$^{79}\text{Au-196}$

MAT 7922

$(n,2n) \alpha$

$^{79}\text{Au-196}$

Radionuclide Production Cross Section



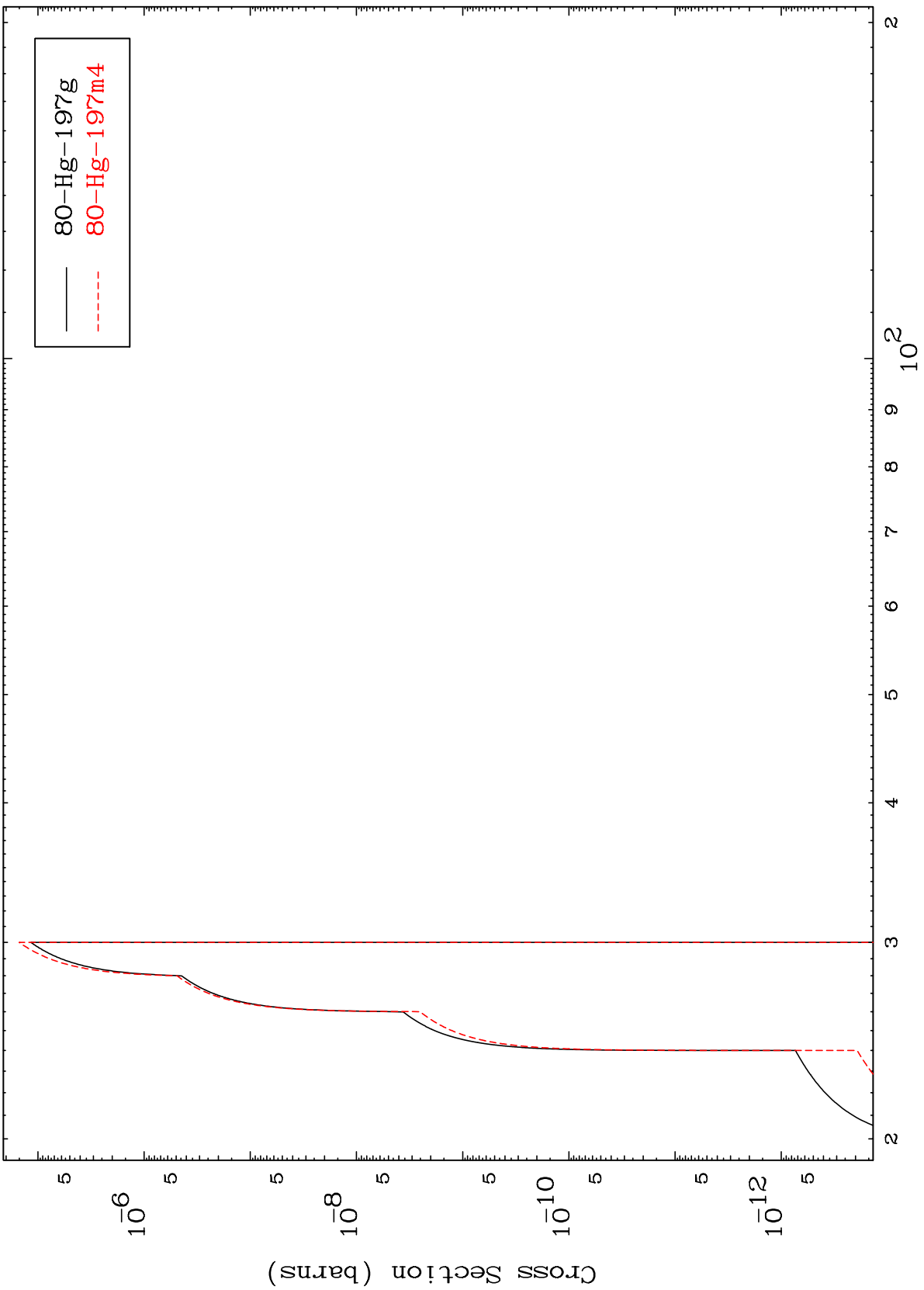
15

Incident Energy (MeV)

$^{79}\text{Au-196}$

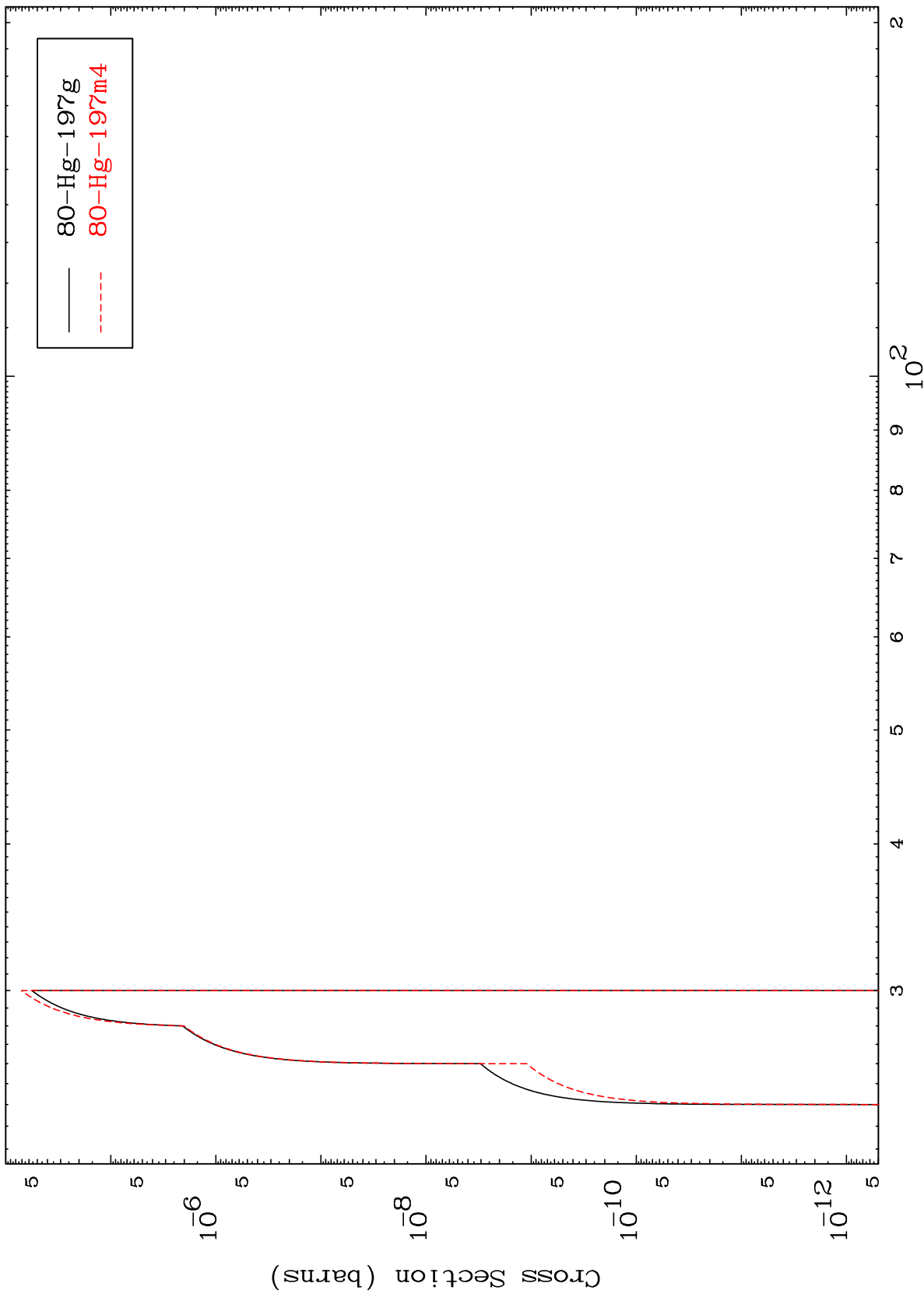


Radionuclide Production Cross Section



80-Hg-197g  
80-Hg-197m4

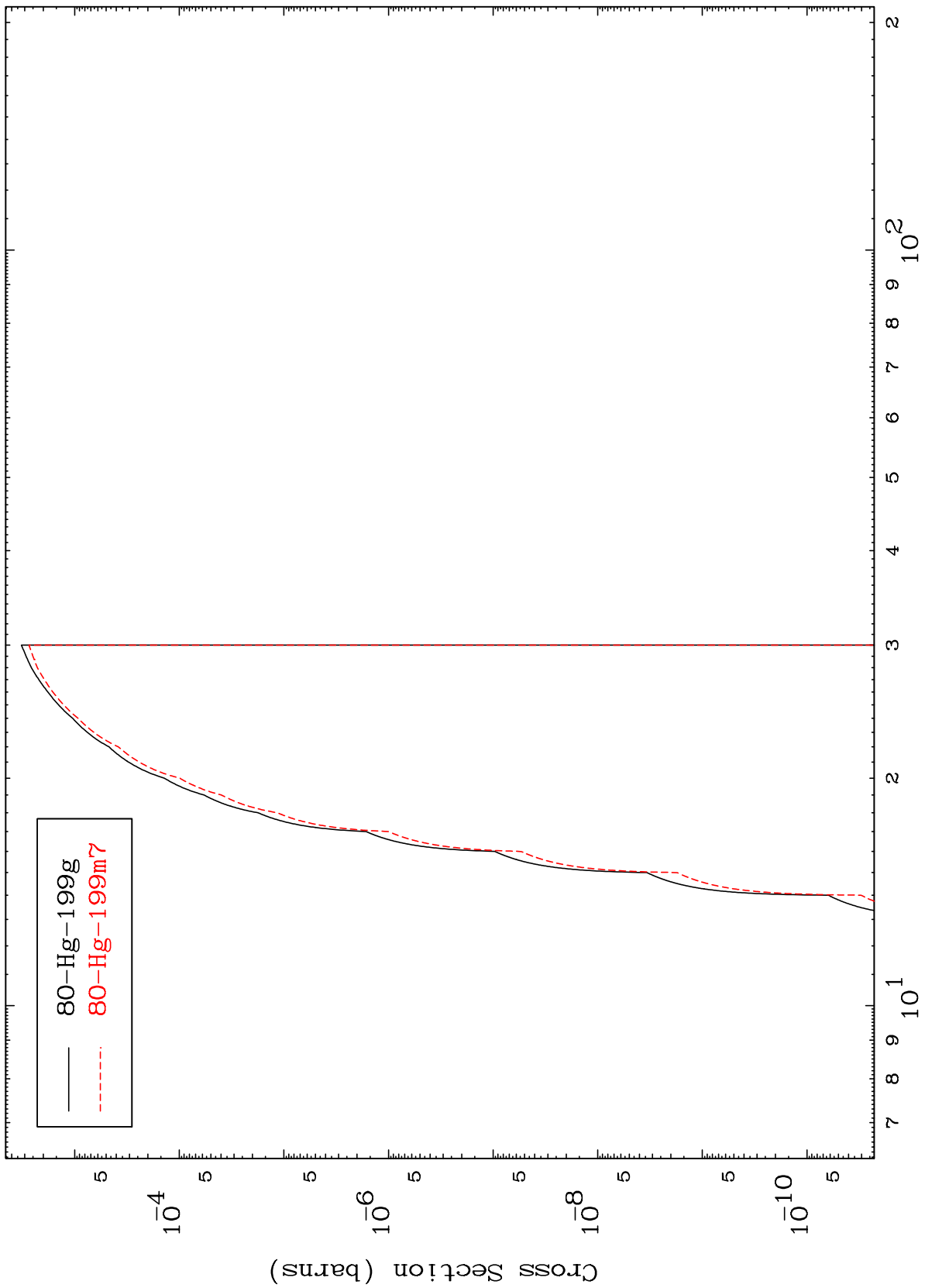
Radionuclide Production Cross Section



MAT 7922

79-Au-196

(n,p)  
Radionuclide Production Cross Section

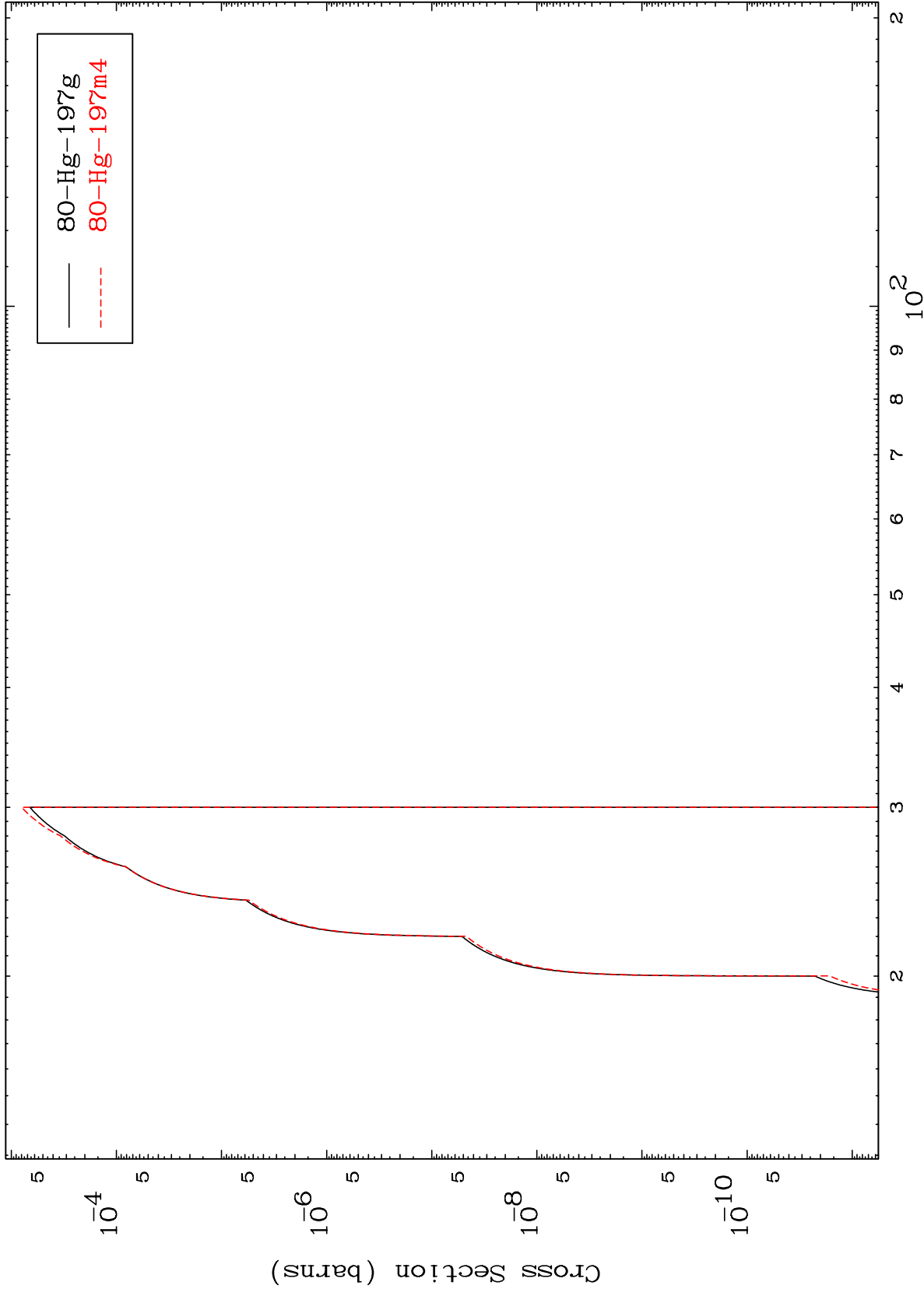


18

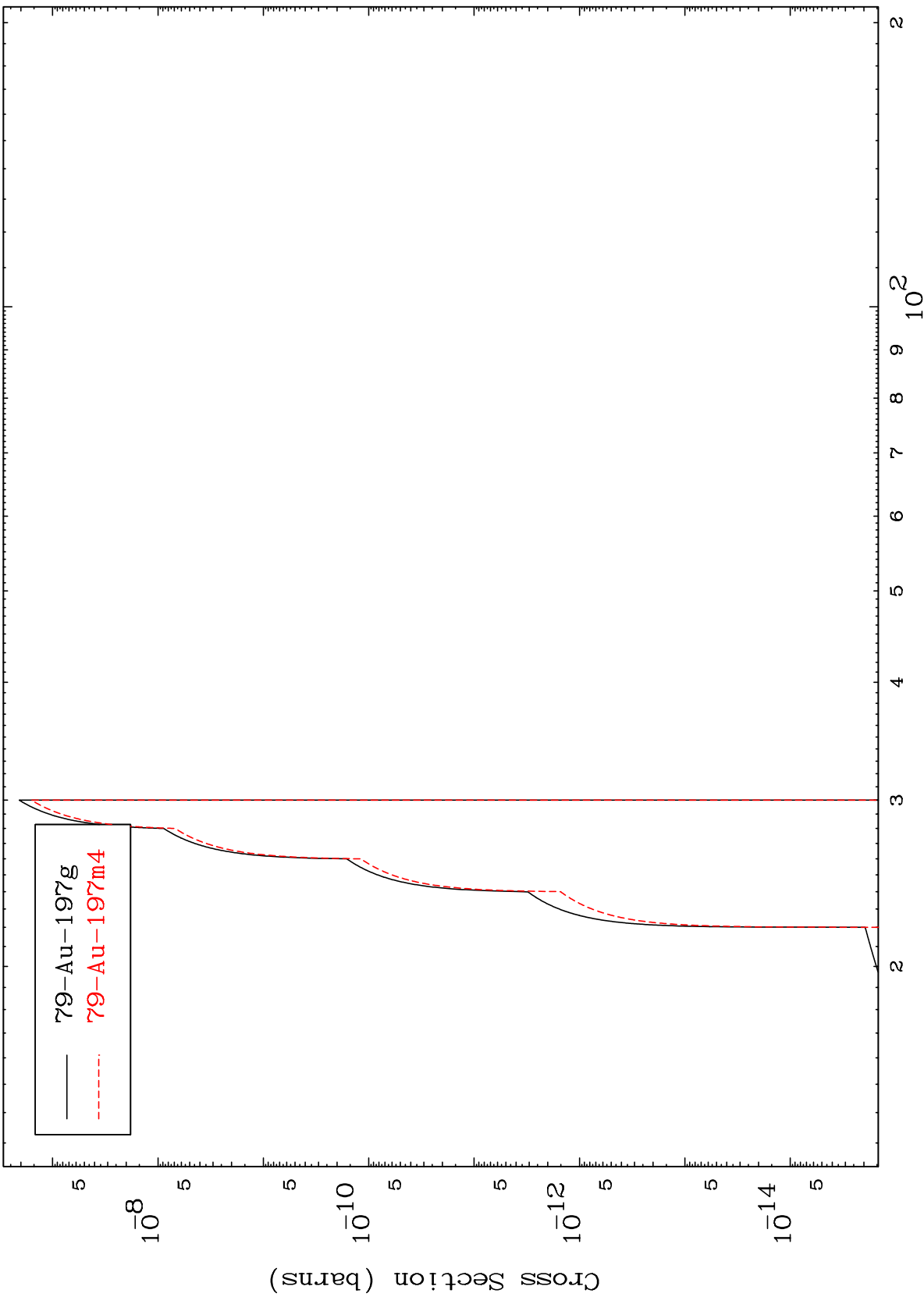
Incident Energy (MeV)

79-Au-196

(n,t)  
Radionuclide Production Cross Section



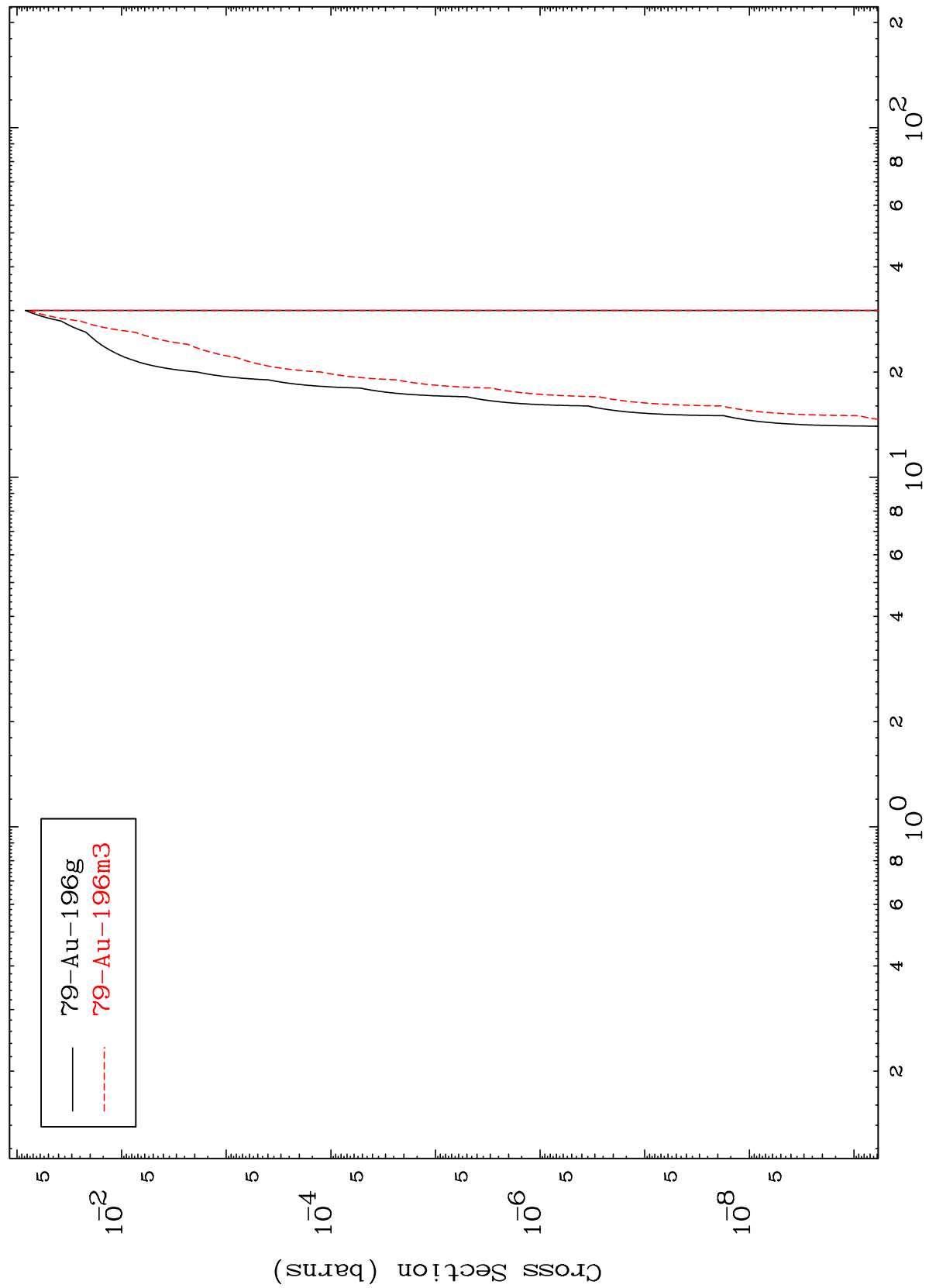
Radionuclide Production Cross Section  
(n,He-3)



MAT 7922

79-Au-196

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



79-Au-196g  
79-Au-196m3

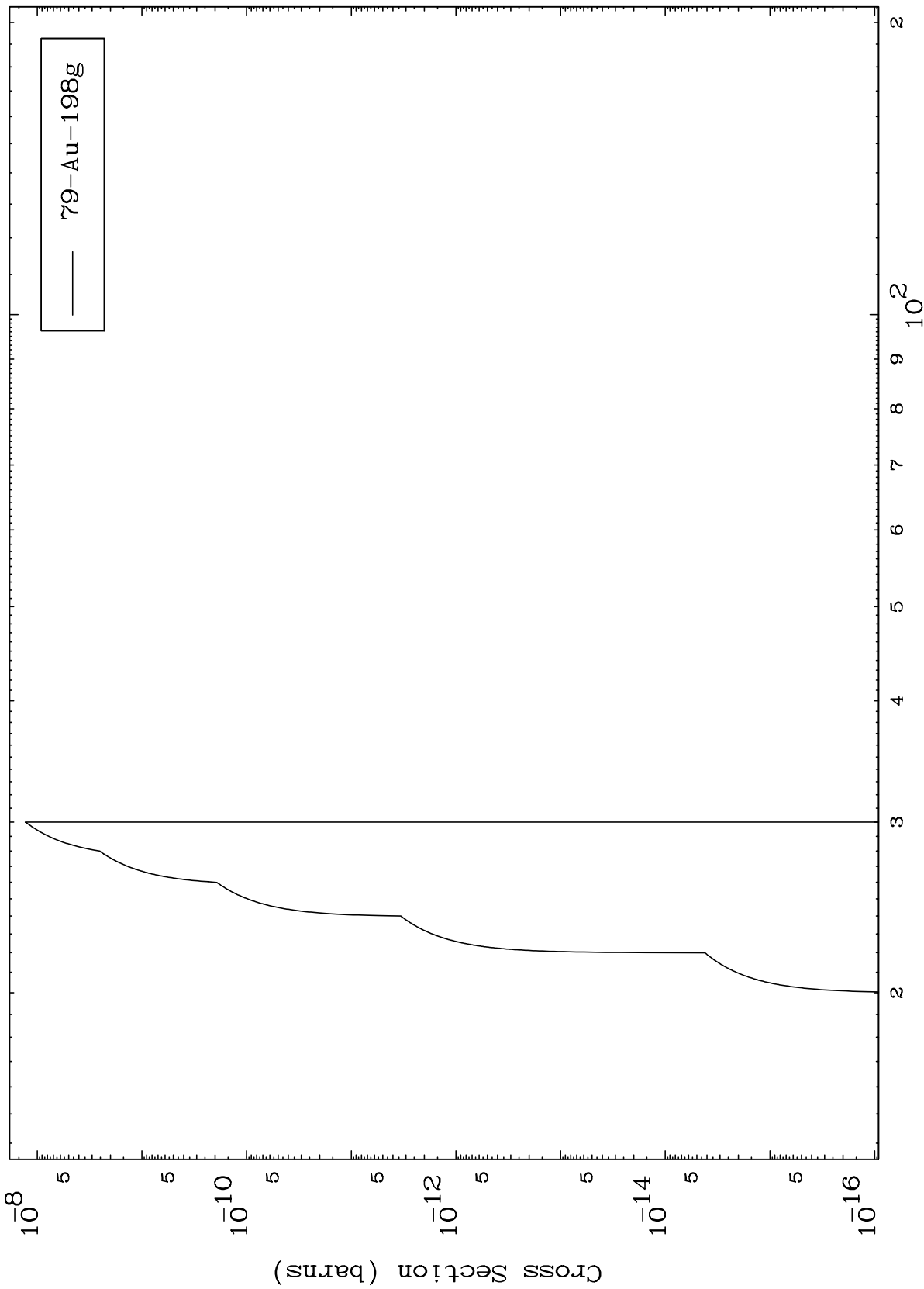
79-Au-196

Incident Energy (MeV)

MAT 7922

79-Au-196

(n,2p)  
Radionuclide Production Cross Section



MAT 7922

$^{79}\text{Au-196}$   $\alpha$

$^{79}\text{Au-196}$

Radionuclide Production Cross Section

