

Program EVALPLOT  
(Version 2018-1)

by

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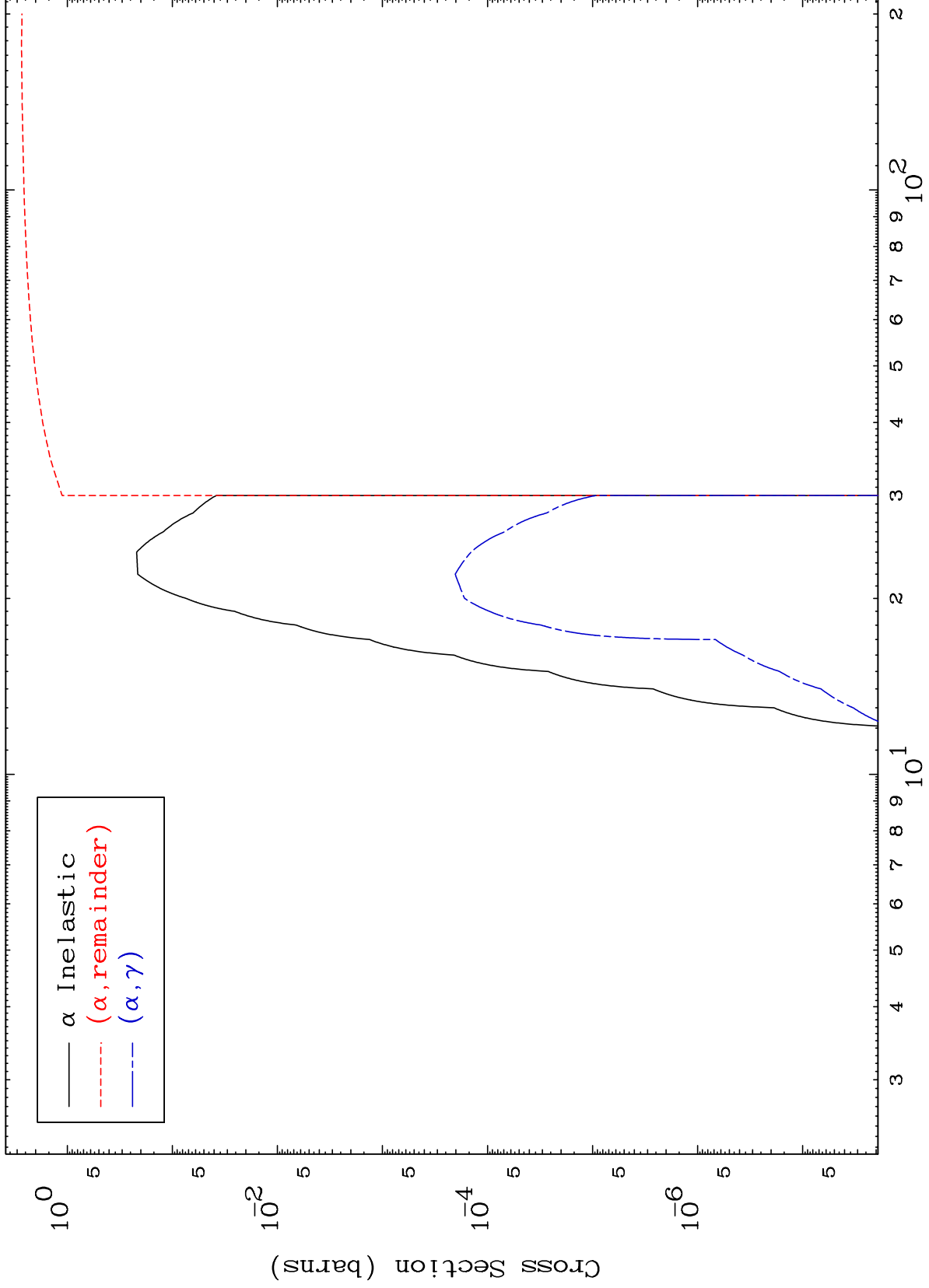
Press Mouse Button to Start

MAT 7914

$\alpha$  Major

79-Au-193

0 Kelvin Cross Sections

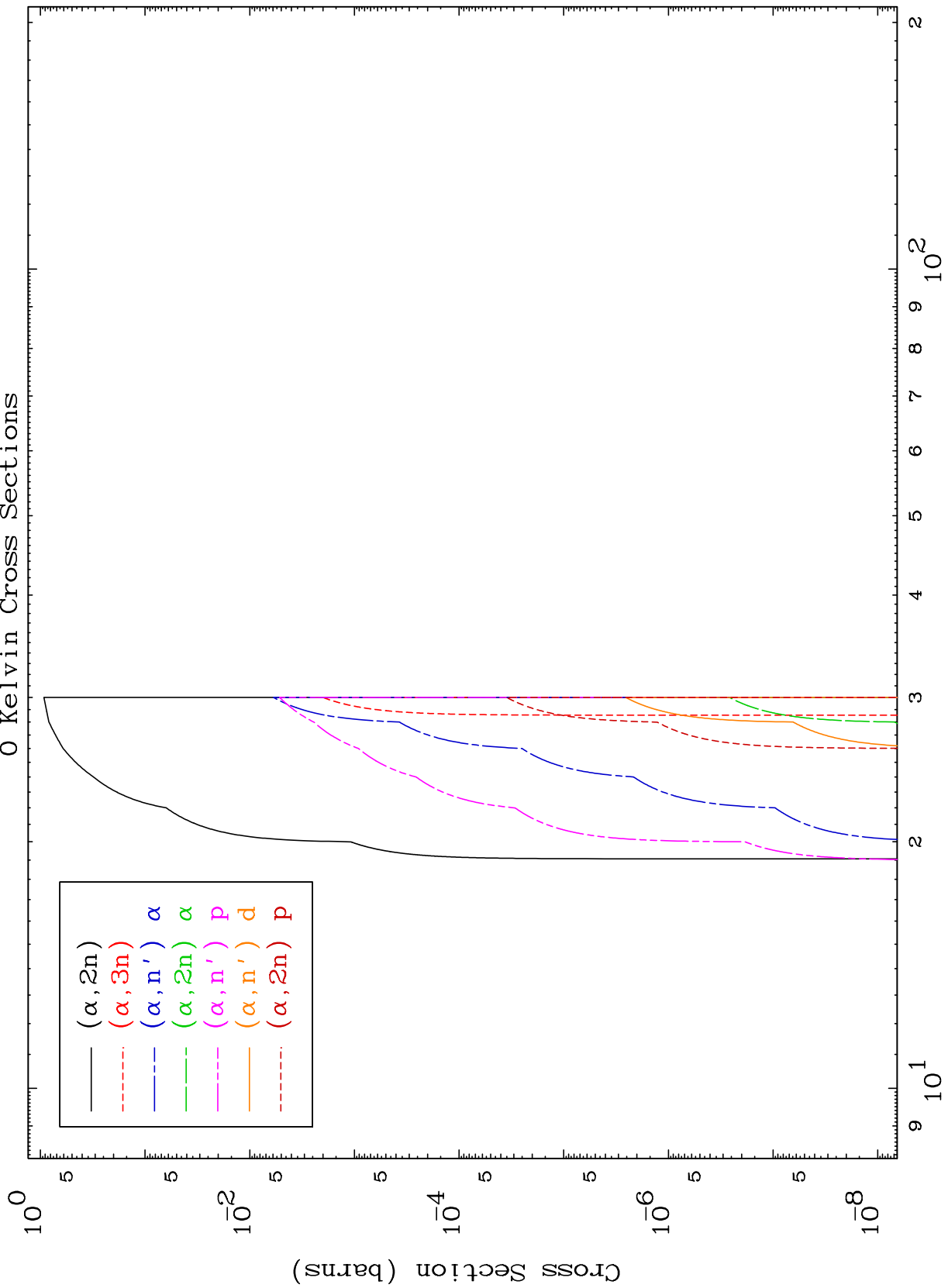


$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

MAT 7914

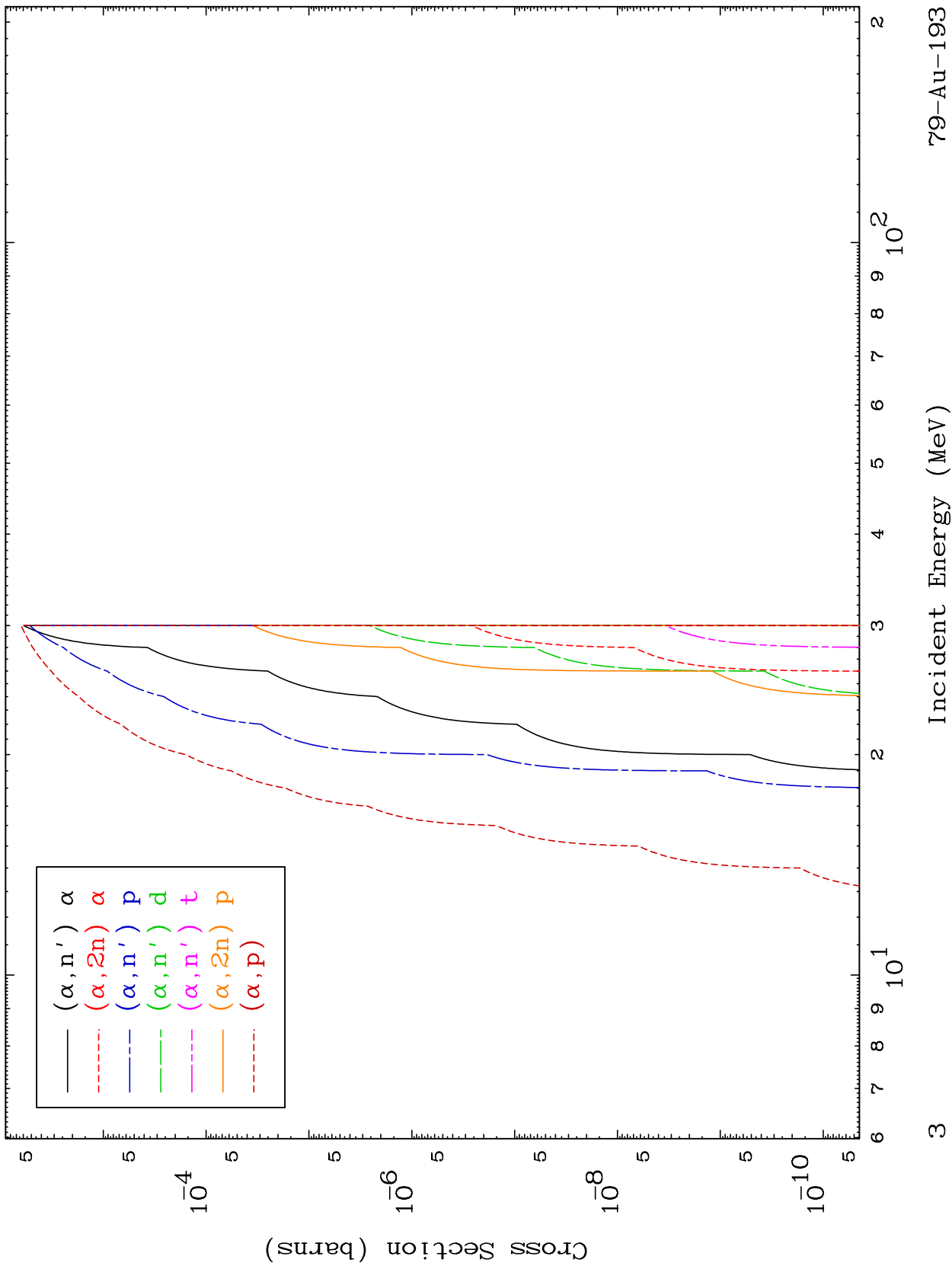
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

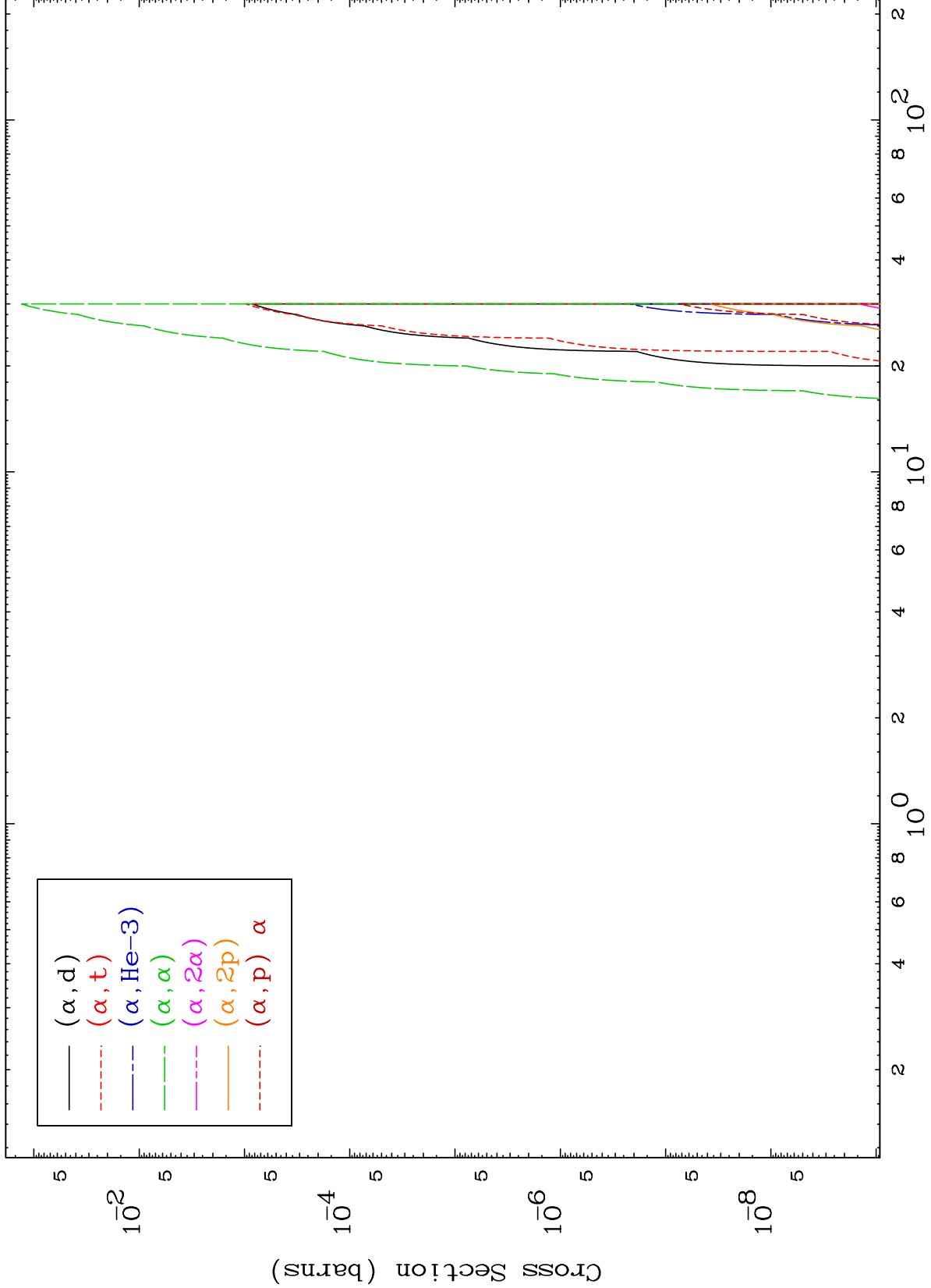
79-Au-193



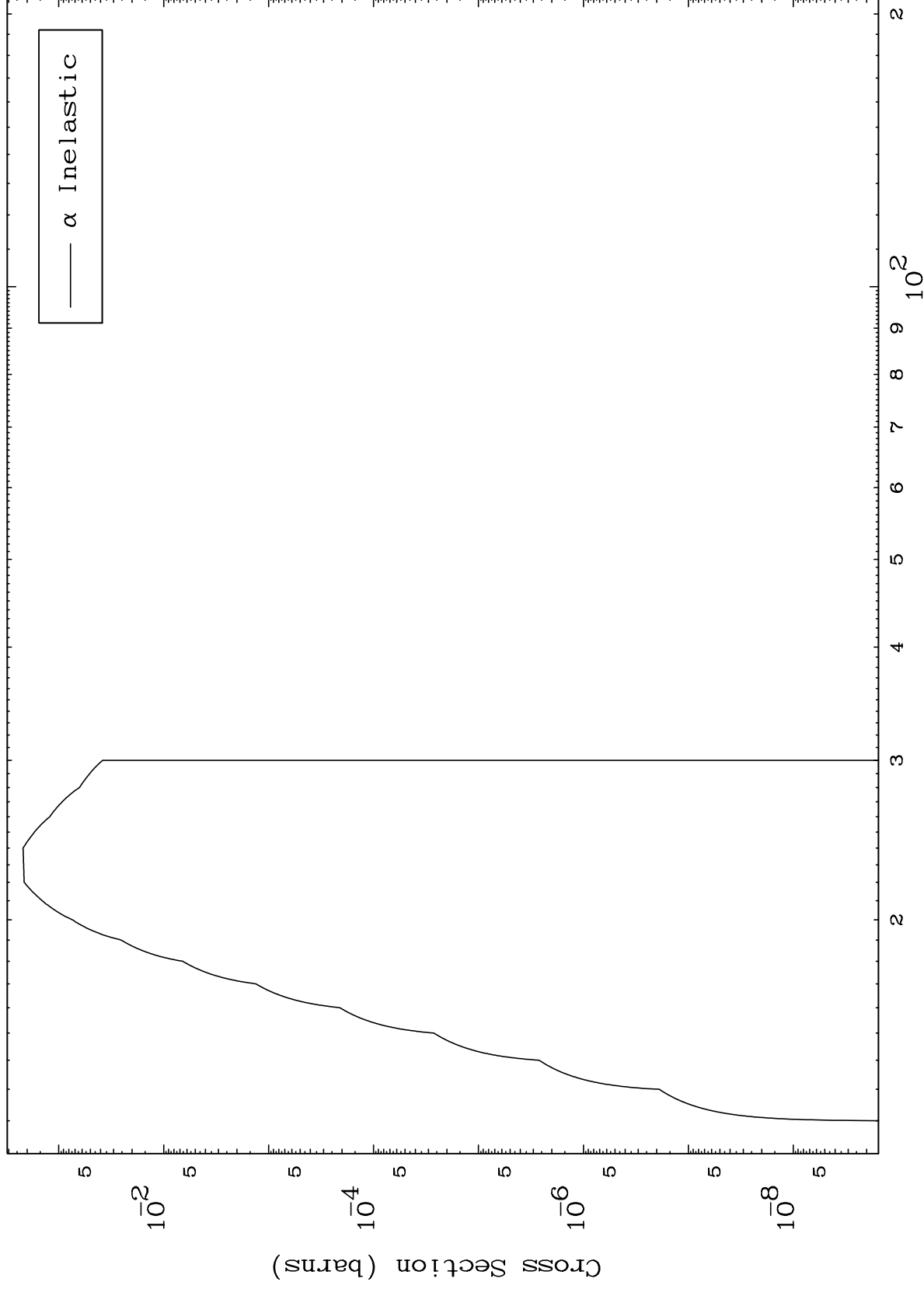
Incident Energy (MeV)

79-Au-193





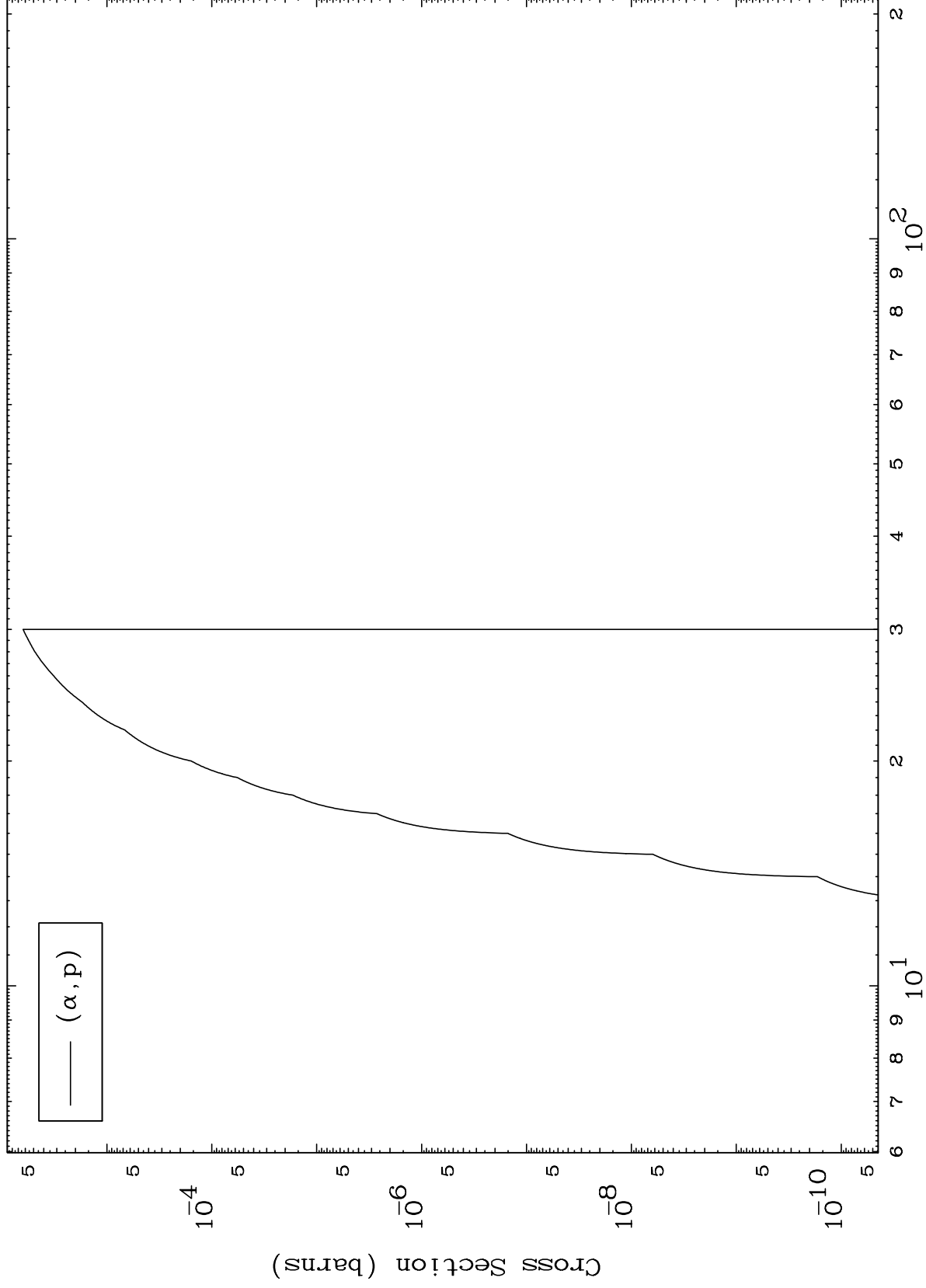
0 Kelvin Cross Sections



MAT 7914

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

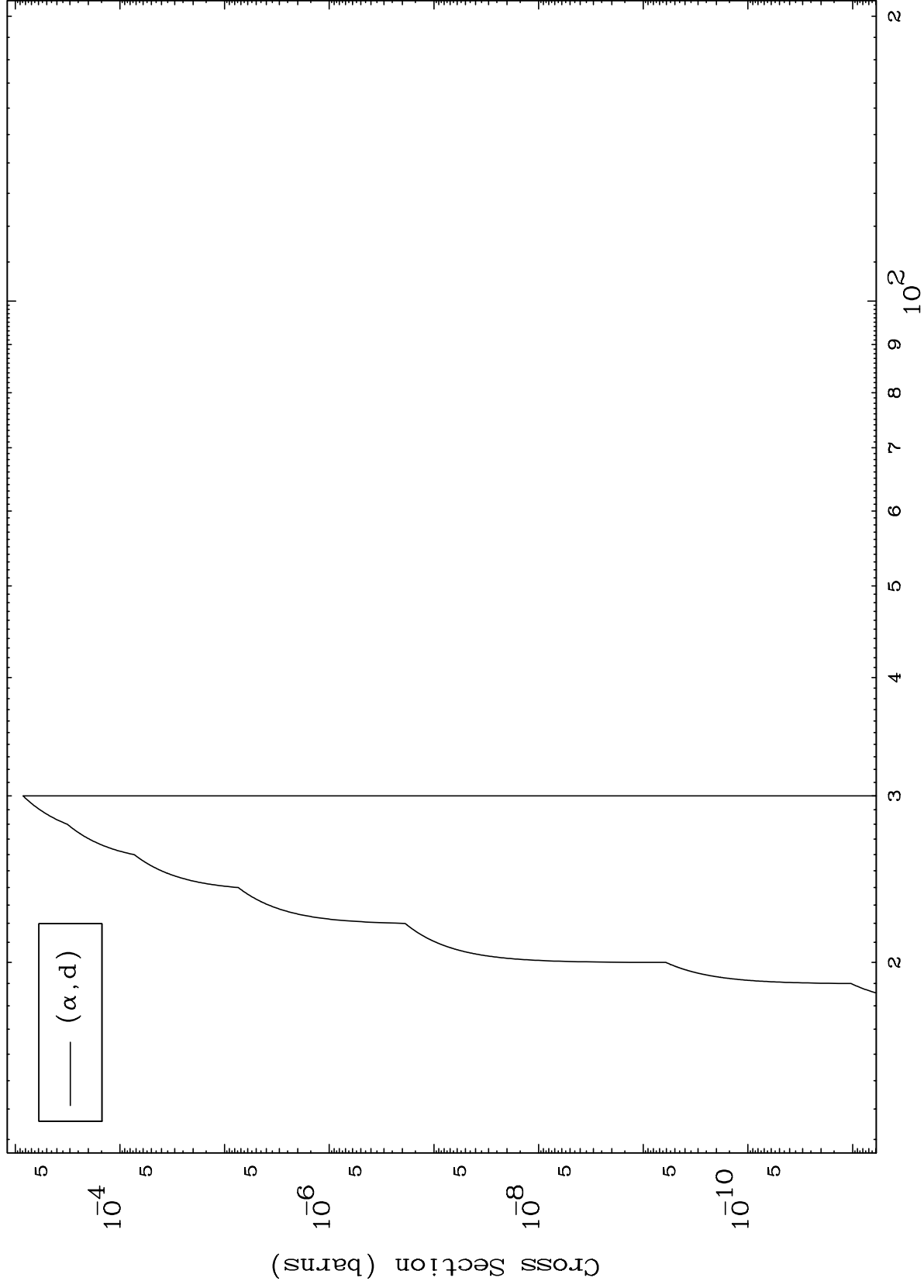
79-Au-193



6

Incident Energy (MeV)

79-Au-193

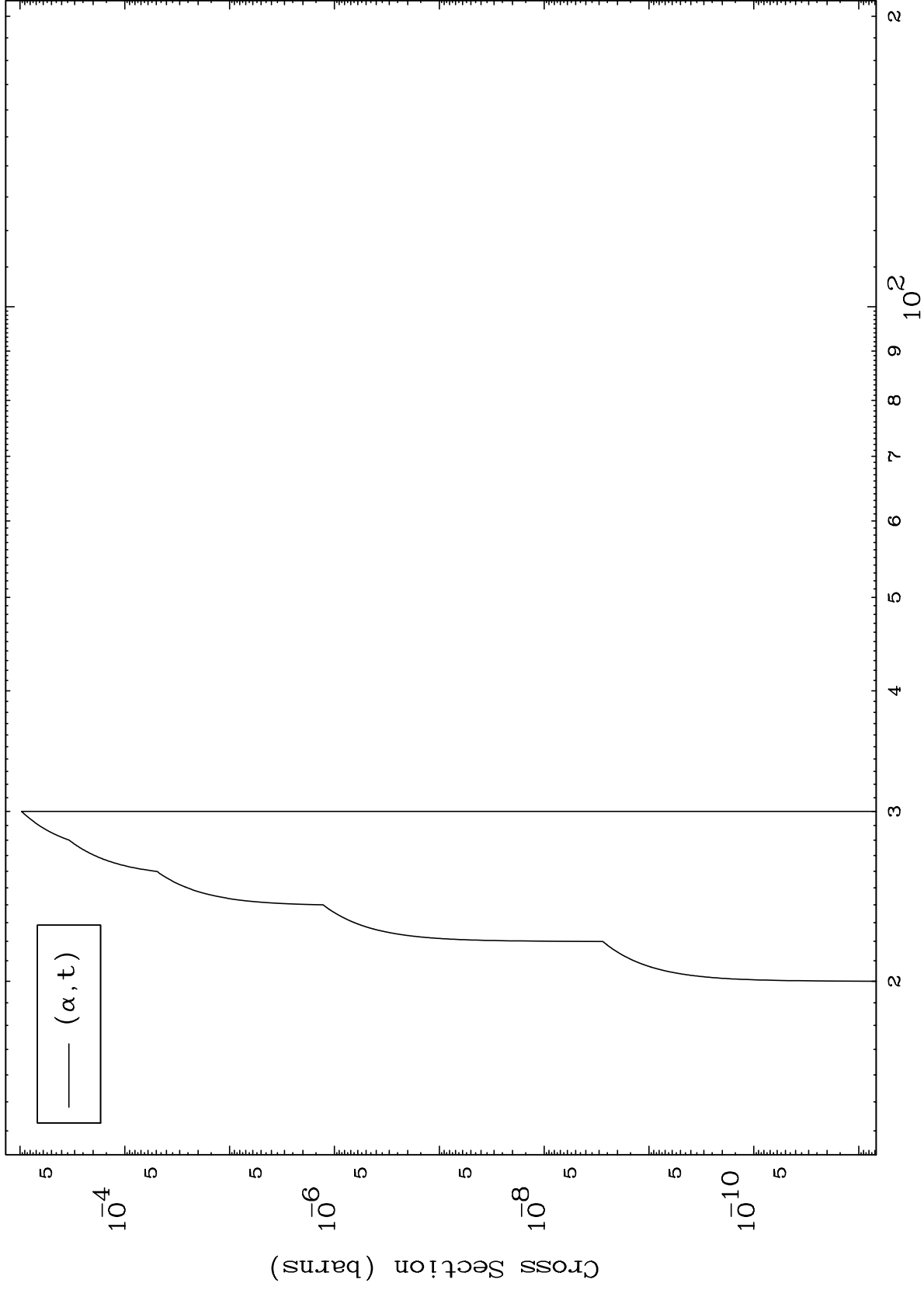




MAT 7914

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

79-Au-193

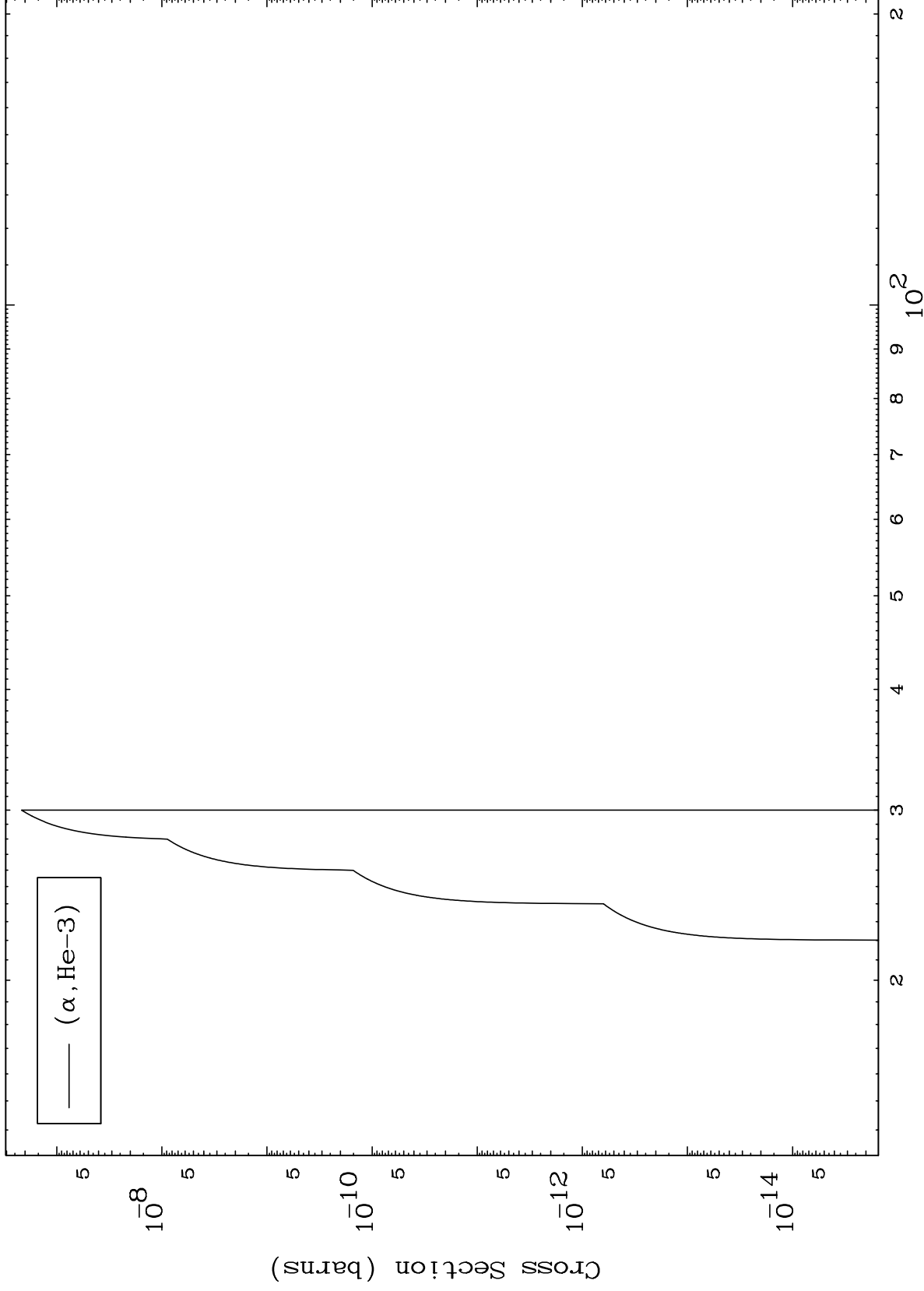


8

Incident Energy (MeV)

79-Au-193

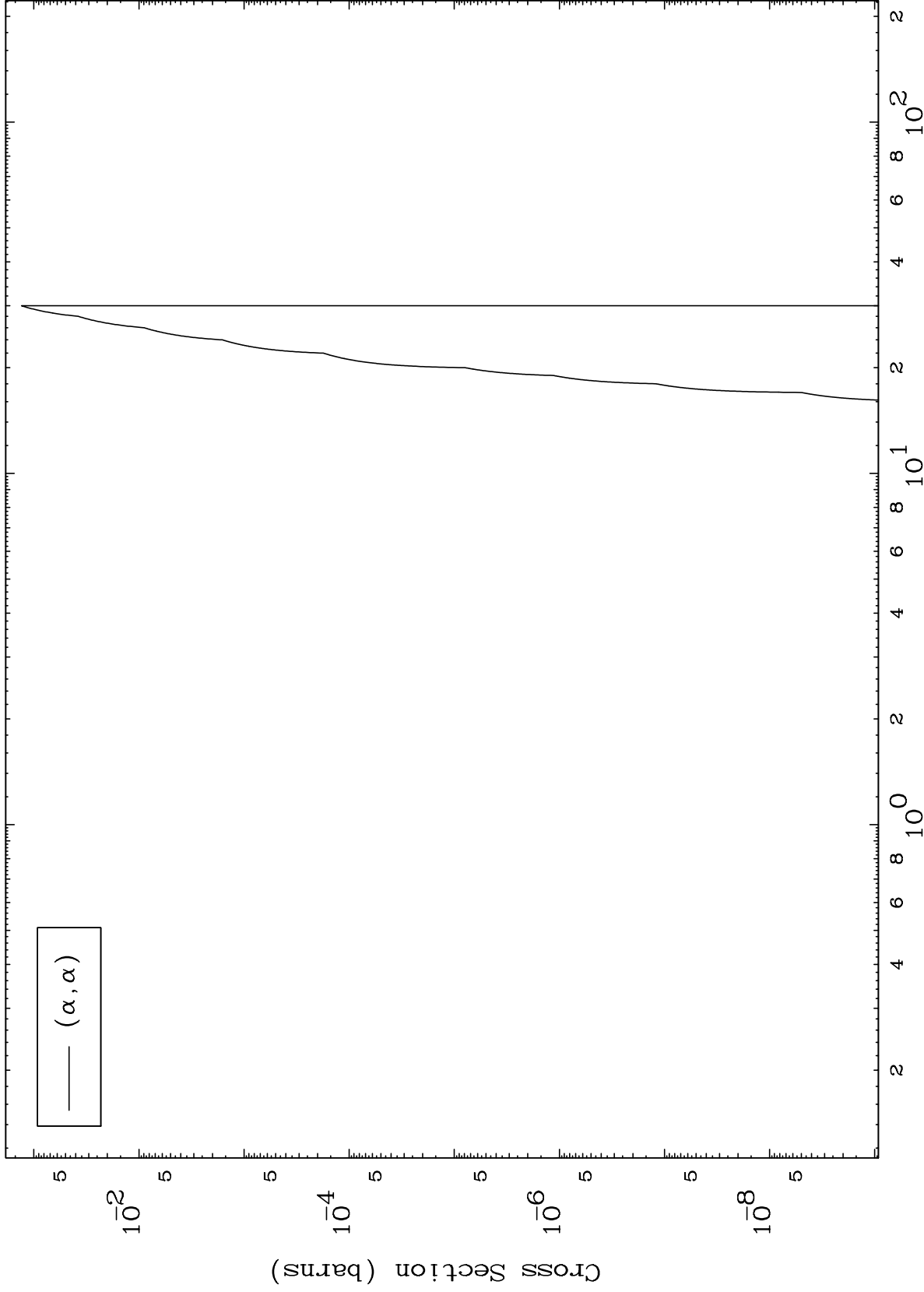
0 Kelvin Cross Sections



MAT 7914

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

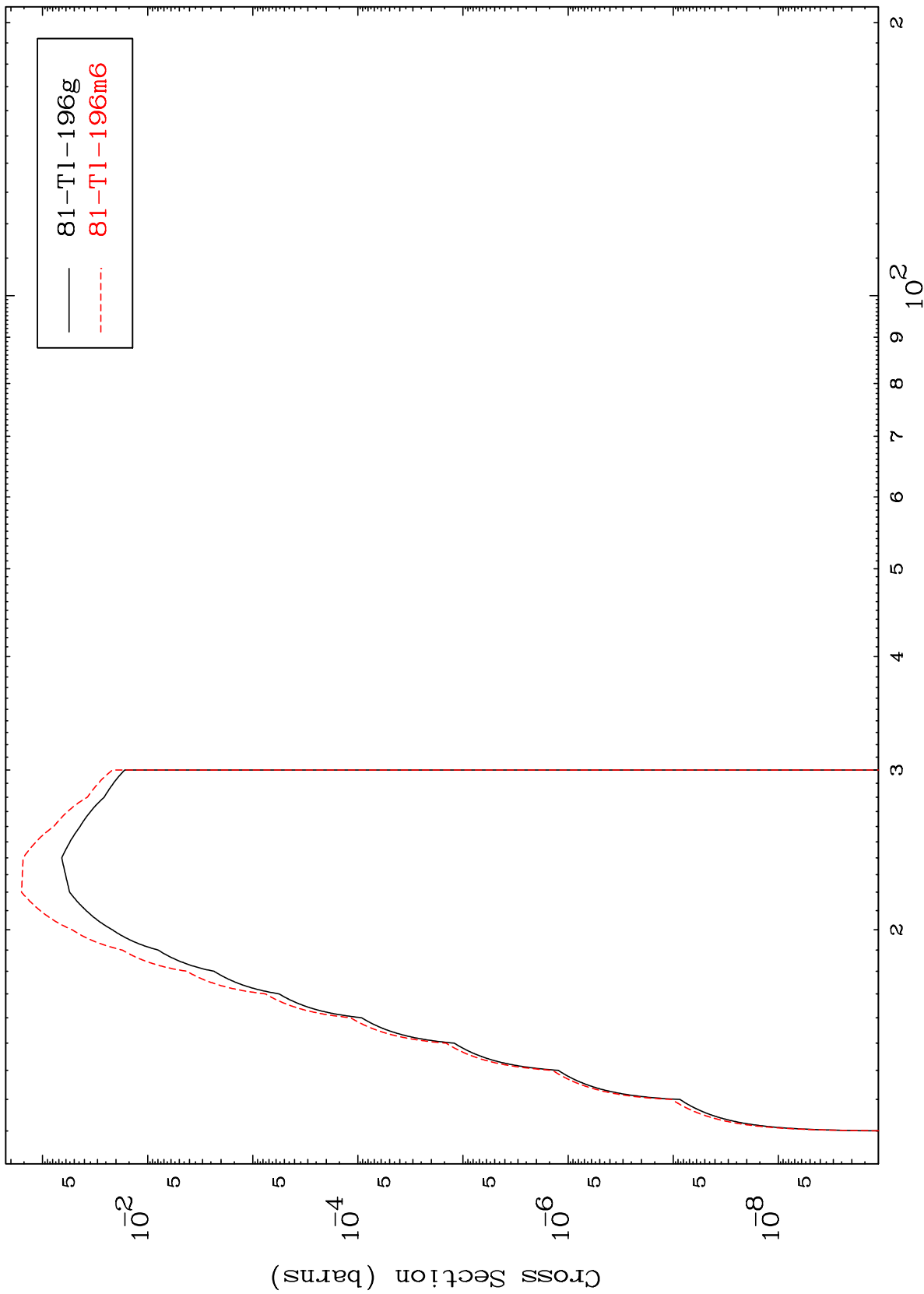
79-Au-193



10

Incident Energy (MeV)

79-Au-193

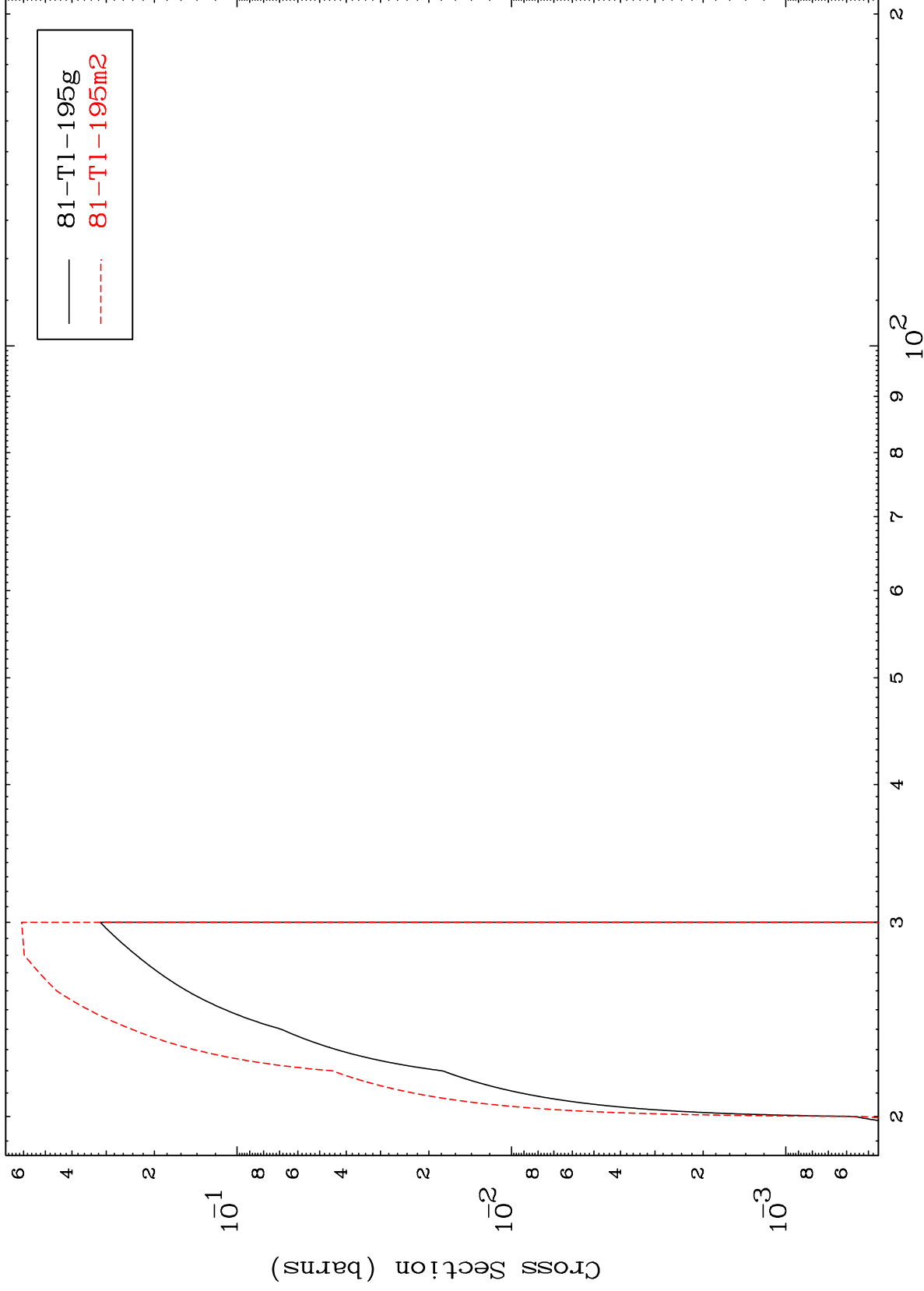


MAT 7914

( $\alpha, 2n$ )

79-Au-193

Radionuclide Production Cross Section



12

Incident Energy (MeV)

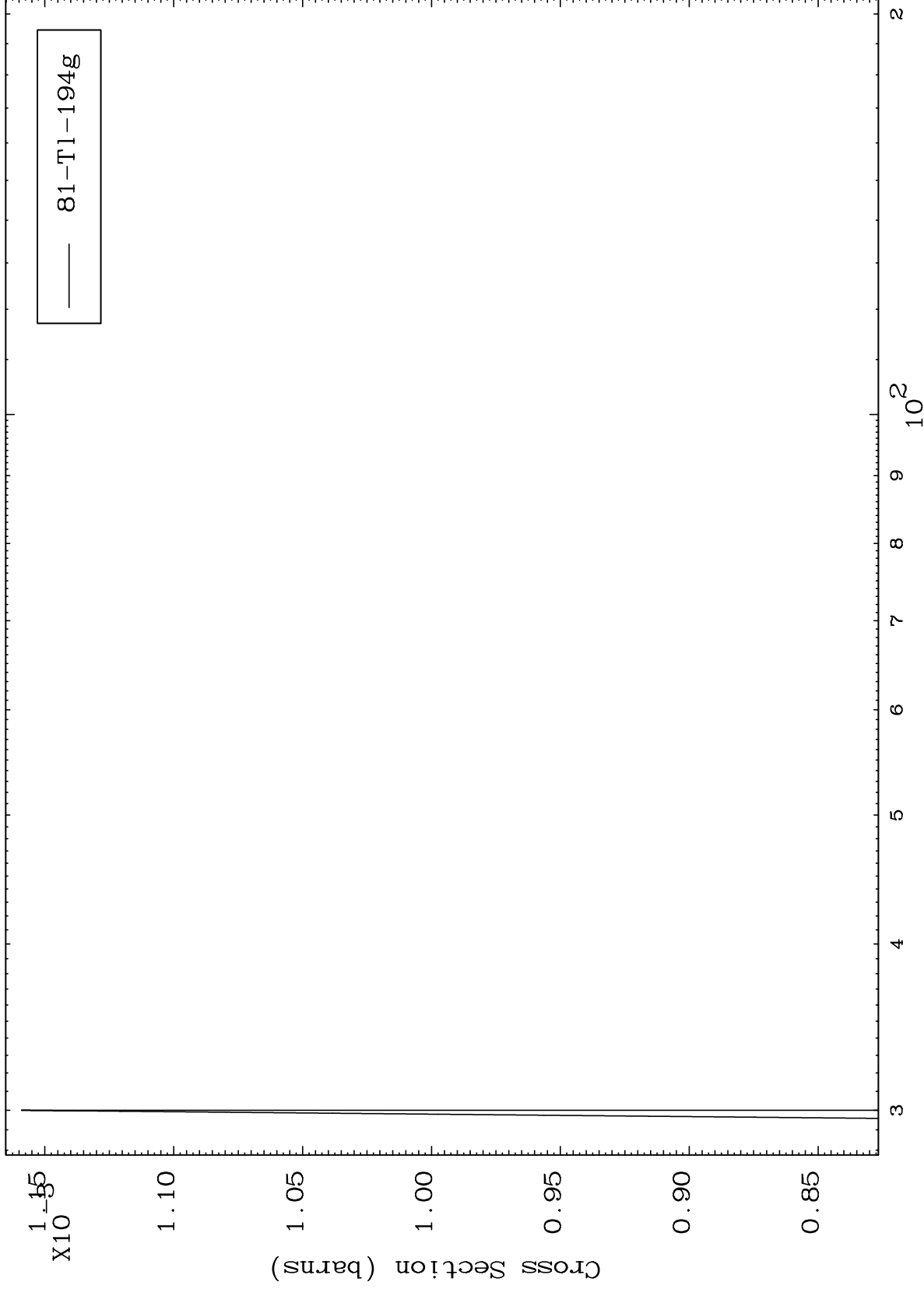
79-Au-193

MAT 7914

( $\alpha, 3n$ )

79-Au-193

Radionuclide Production Cross Section



13

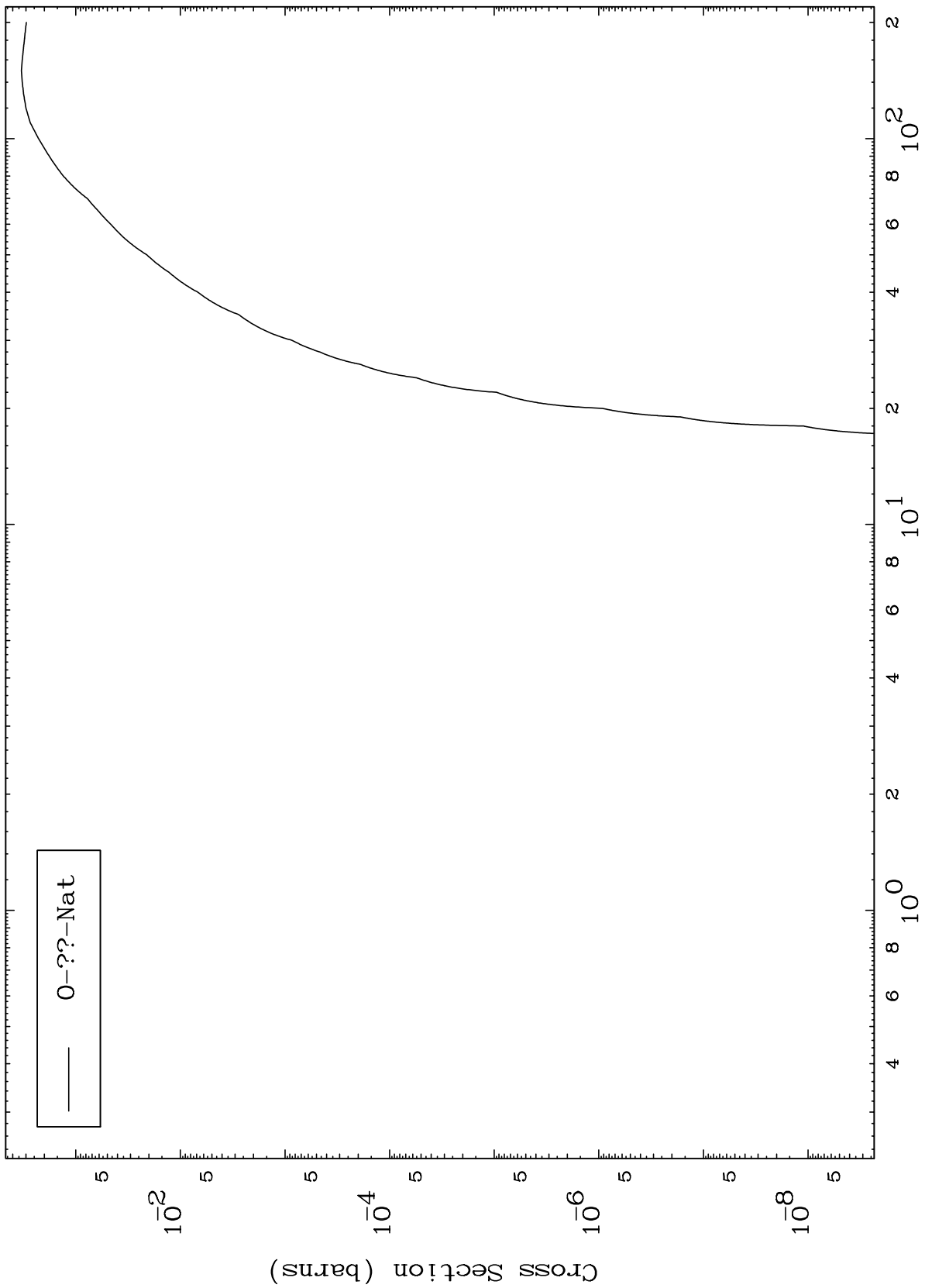
Incident Energy (MeV)

79-Au-193

MAT 7914

79-Au-193

$\alpha$  Fission  
Radionuclide Production Cross Section



14

79-Au-193

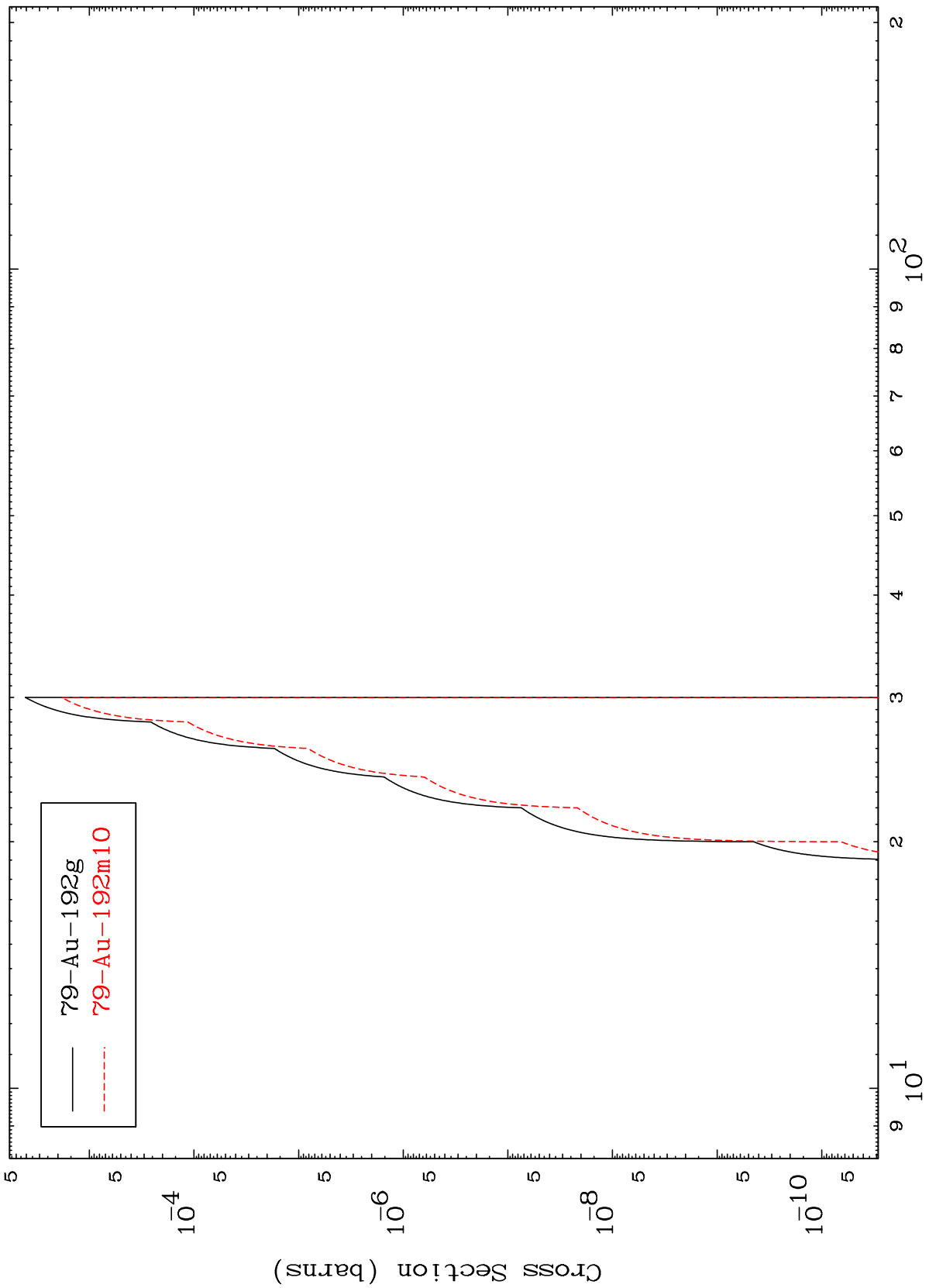
Incident Energy (MeV)

MAT 7914

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

$^{79}\text{Au-193}$

Radionuclide Production Cross Section



Legend:  
—  $^{79}\text{Au-192g}$   
- - -  $^{79}\text{Au-192m10}$

15

Incident Energy (MeV)

$^{79}\text{Au-193}$

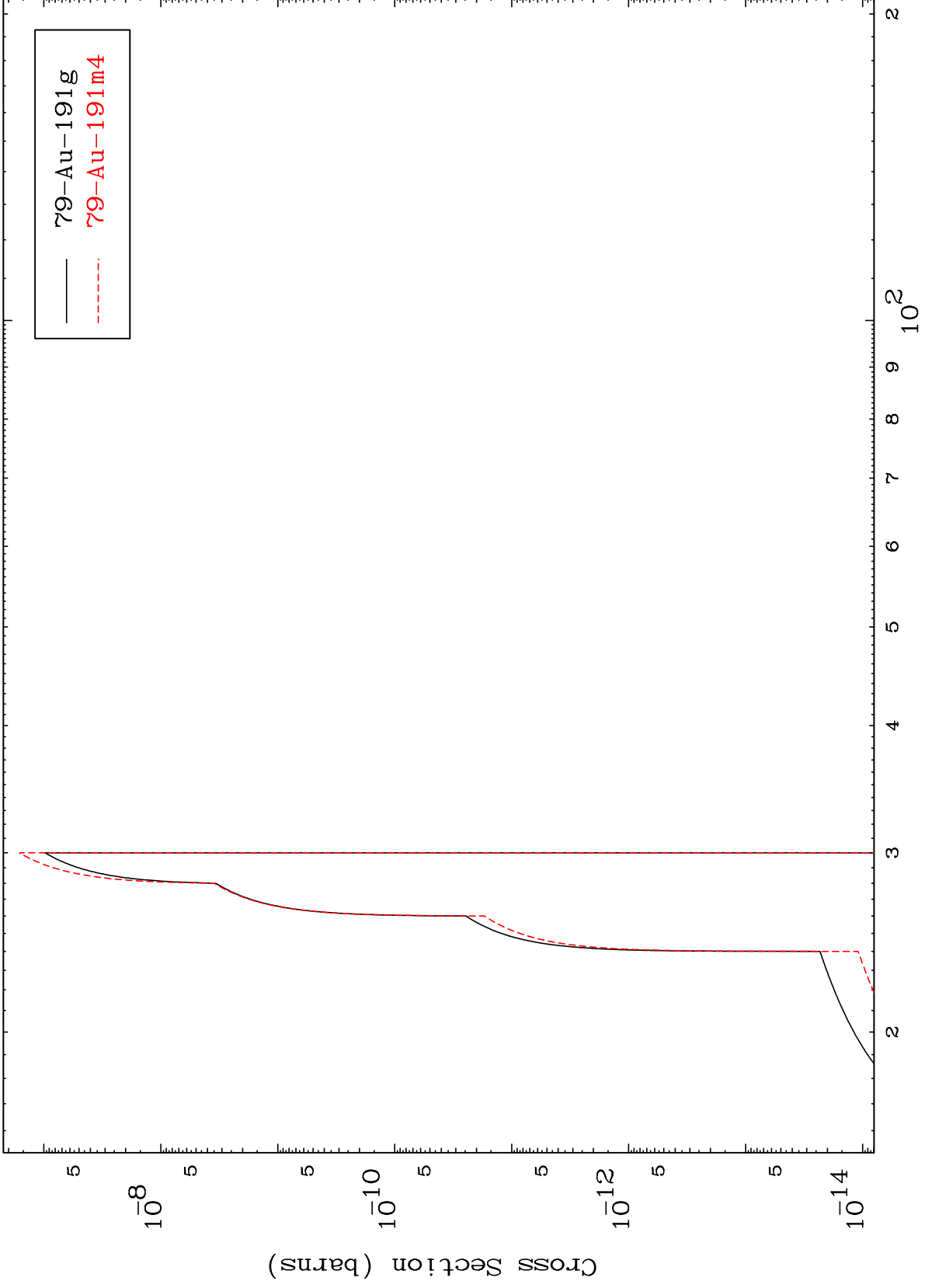


MAT 7914

$(\alpha, 2n) \alpha$

$^{79}\text{Au-193}$

Radionuclide Production Cross Section

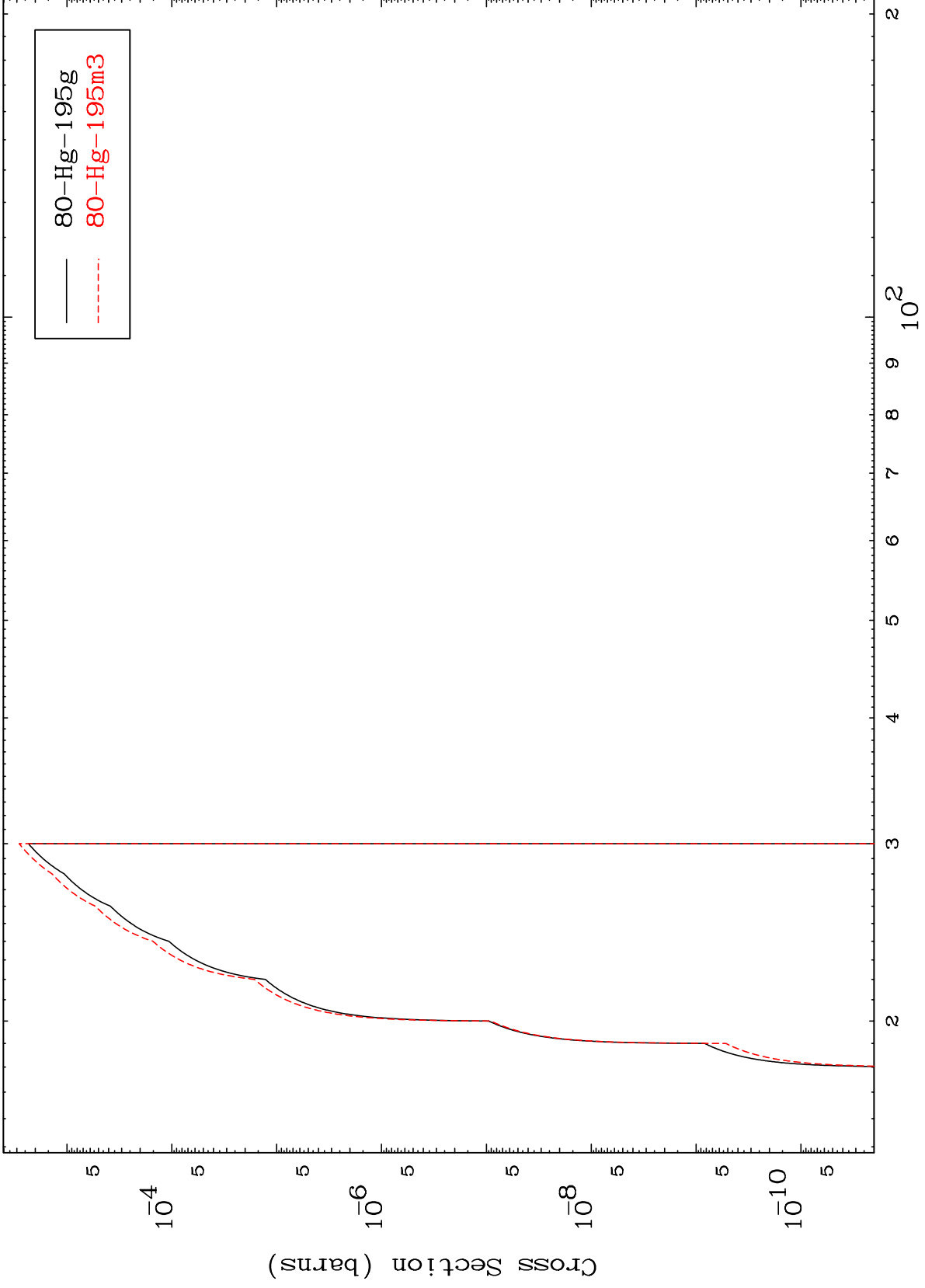


16

Incident Energy (MeV)

$^{79}\text{Au-193}$

Radionuclide Production Cross Section

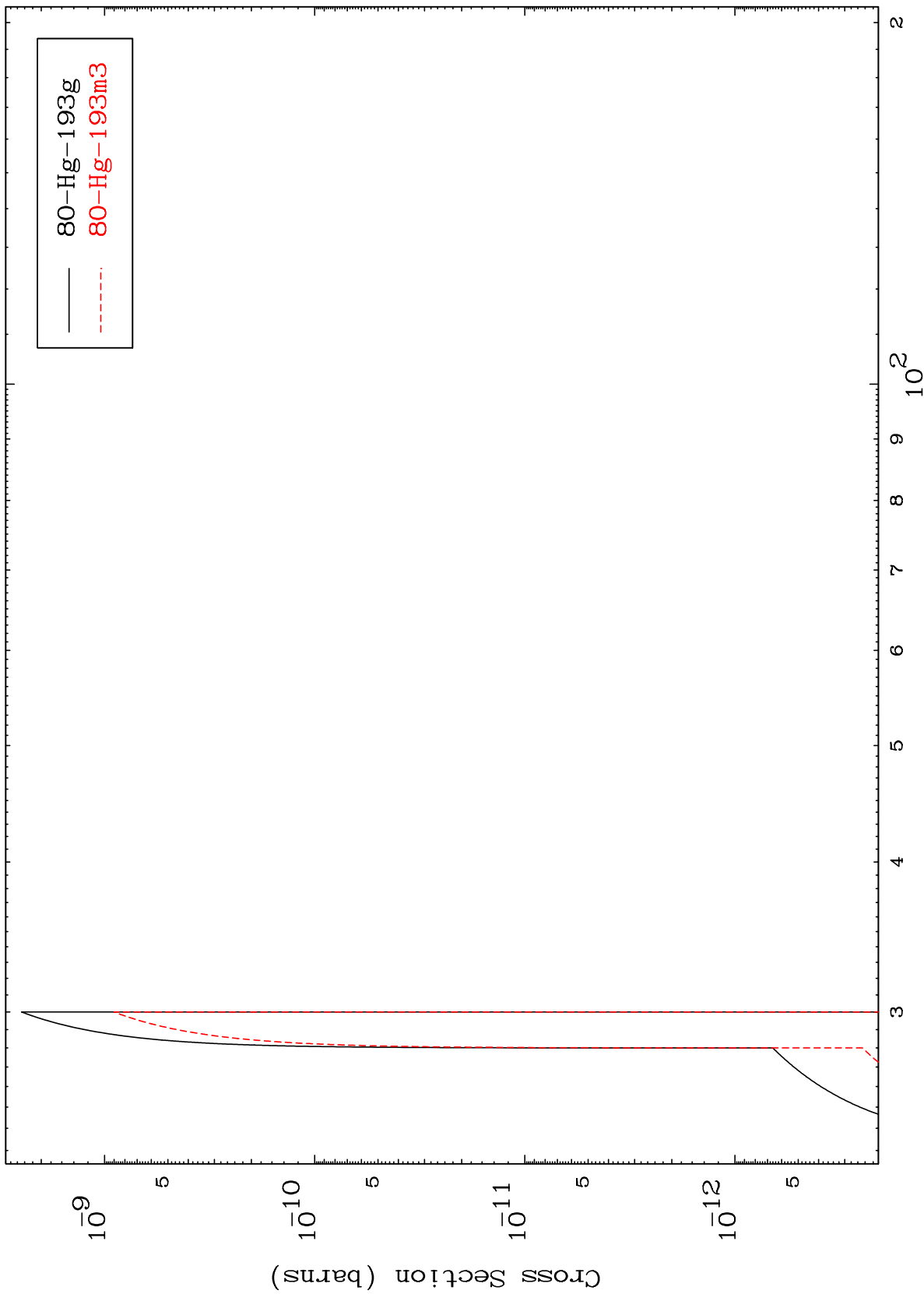


MAT 7914

( $\alpha, n'$ ) t

79-Au-193

Radionuclide Production Cross Section



18

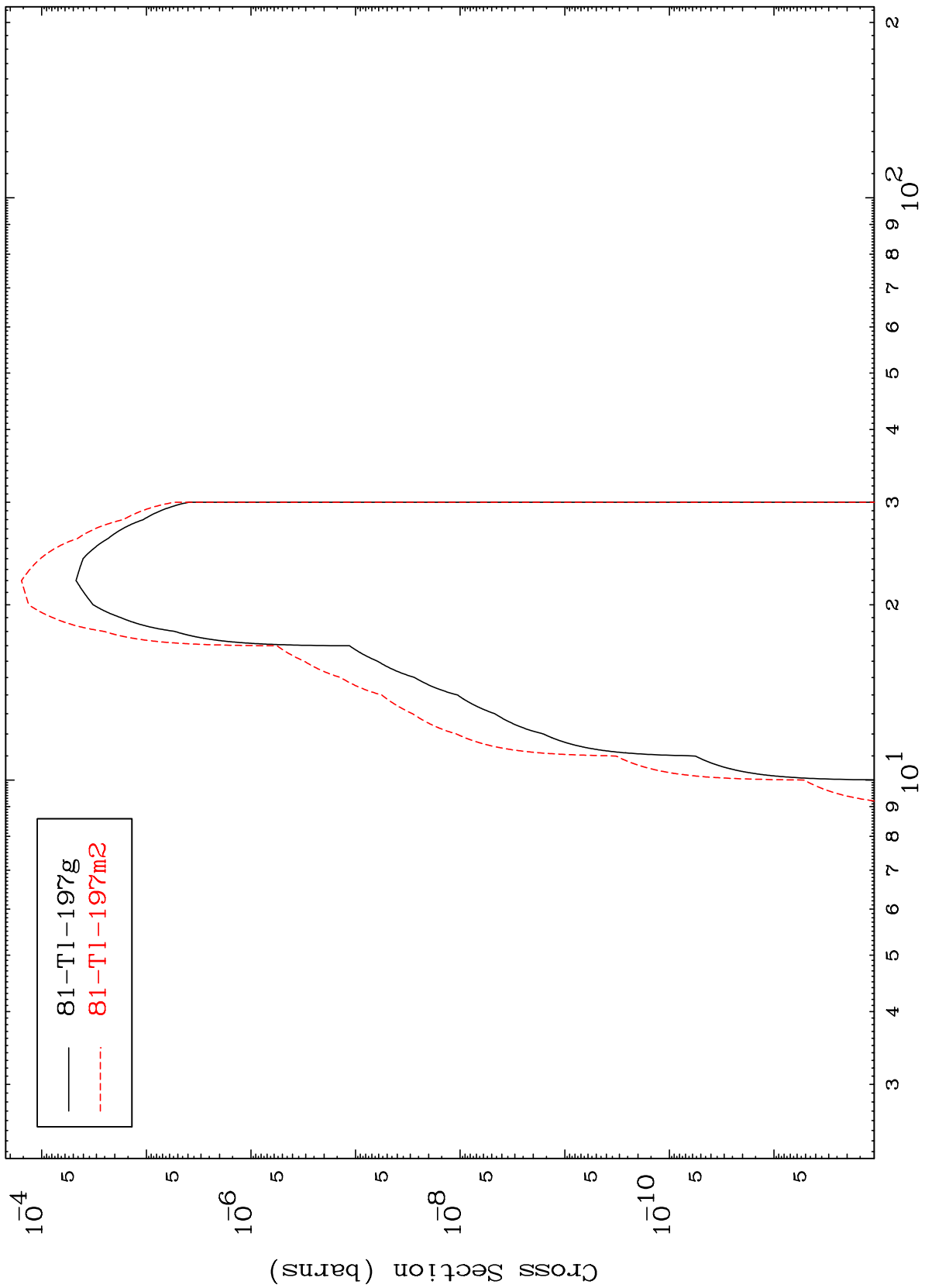
Incident Energy (MeV)

79-Au-193

MAT 7914

79-Au-193

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



19

Incident Energy (MeV)

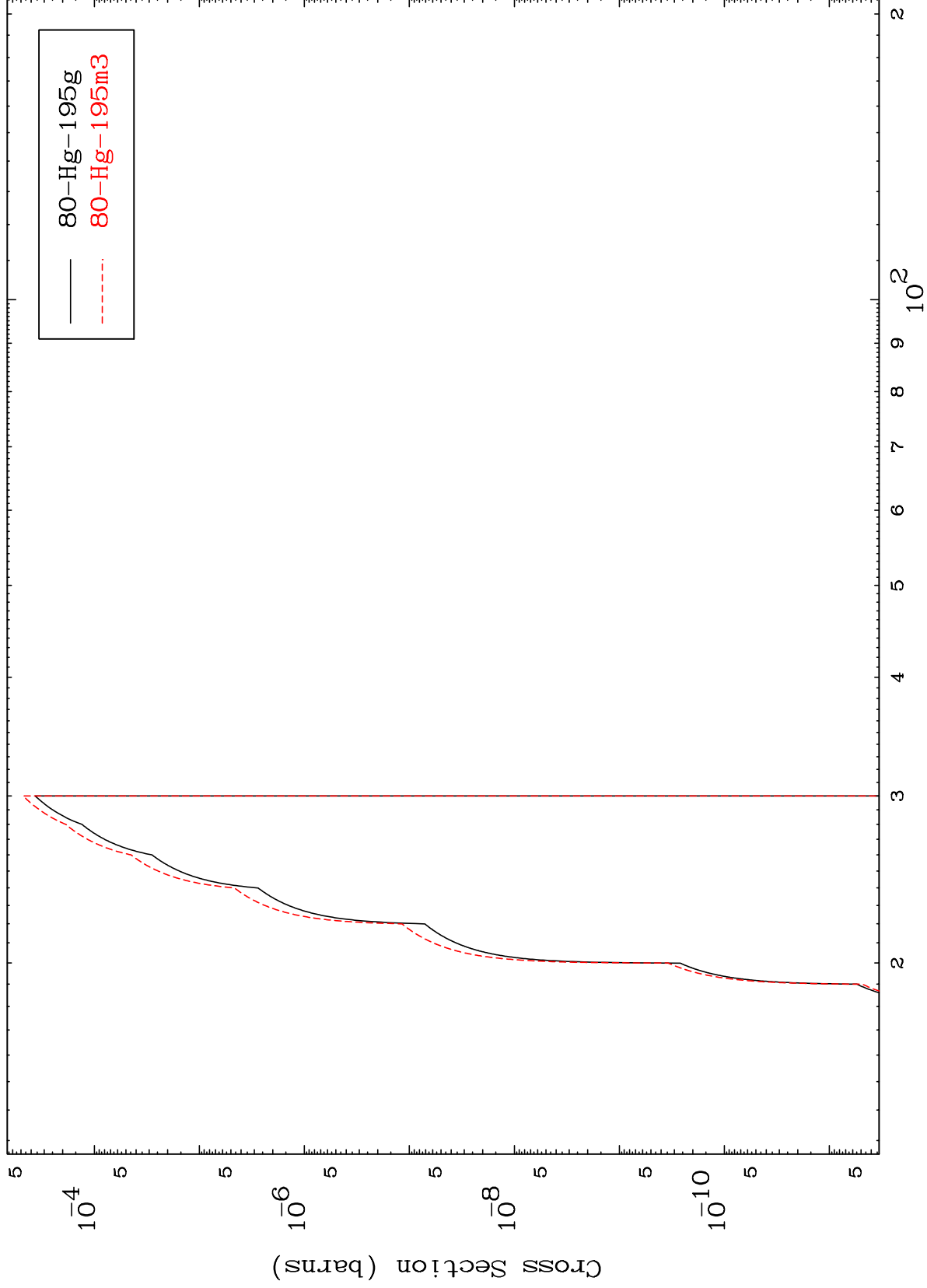
79-Au-193

MAT 7914

( $\alpha, d$ )

79-Au-193

Radionuclide Production Cross Section

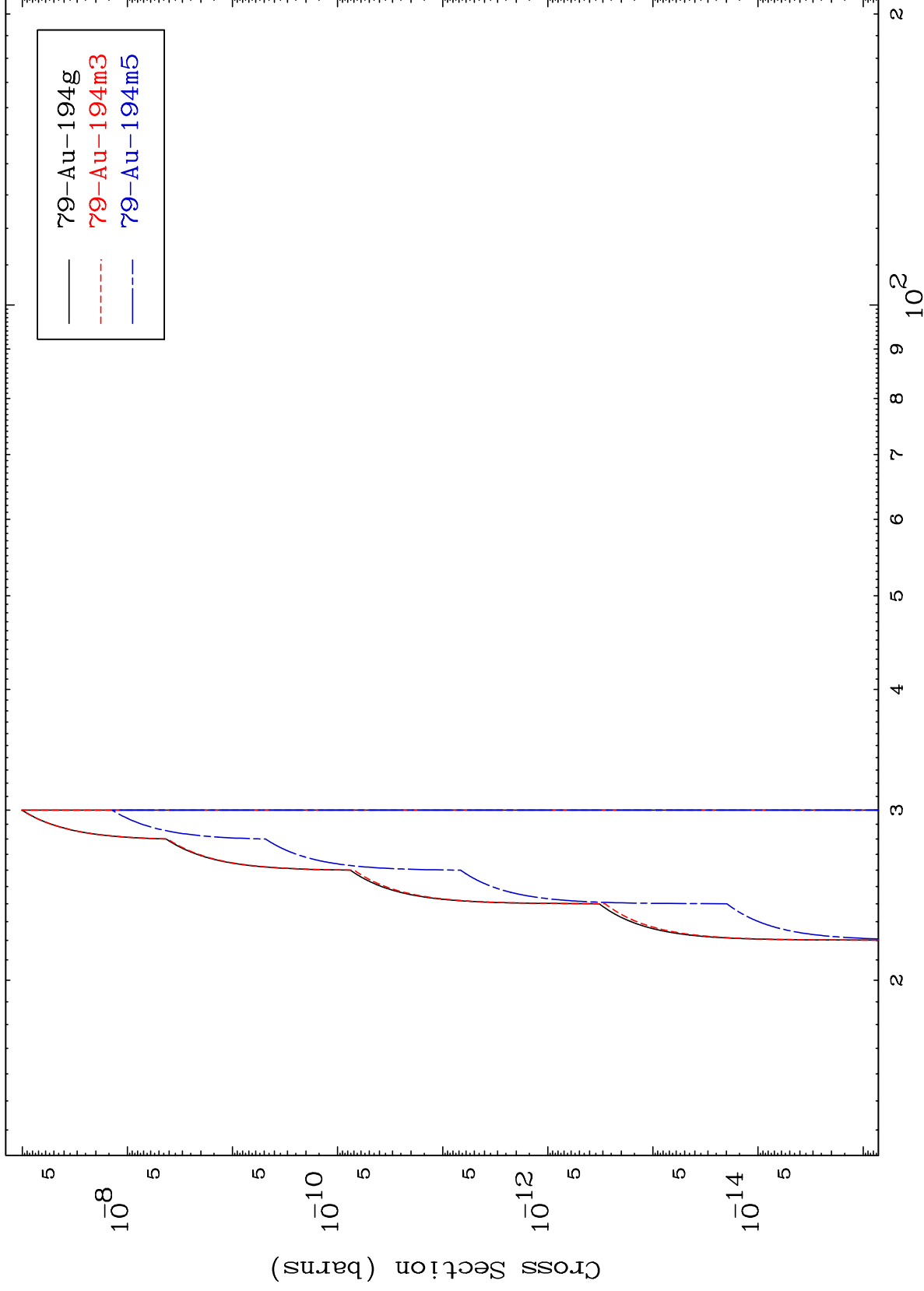


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Incident Energy (MeV)

79-Au-193

Radionuclide Production Cross Section

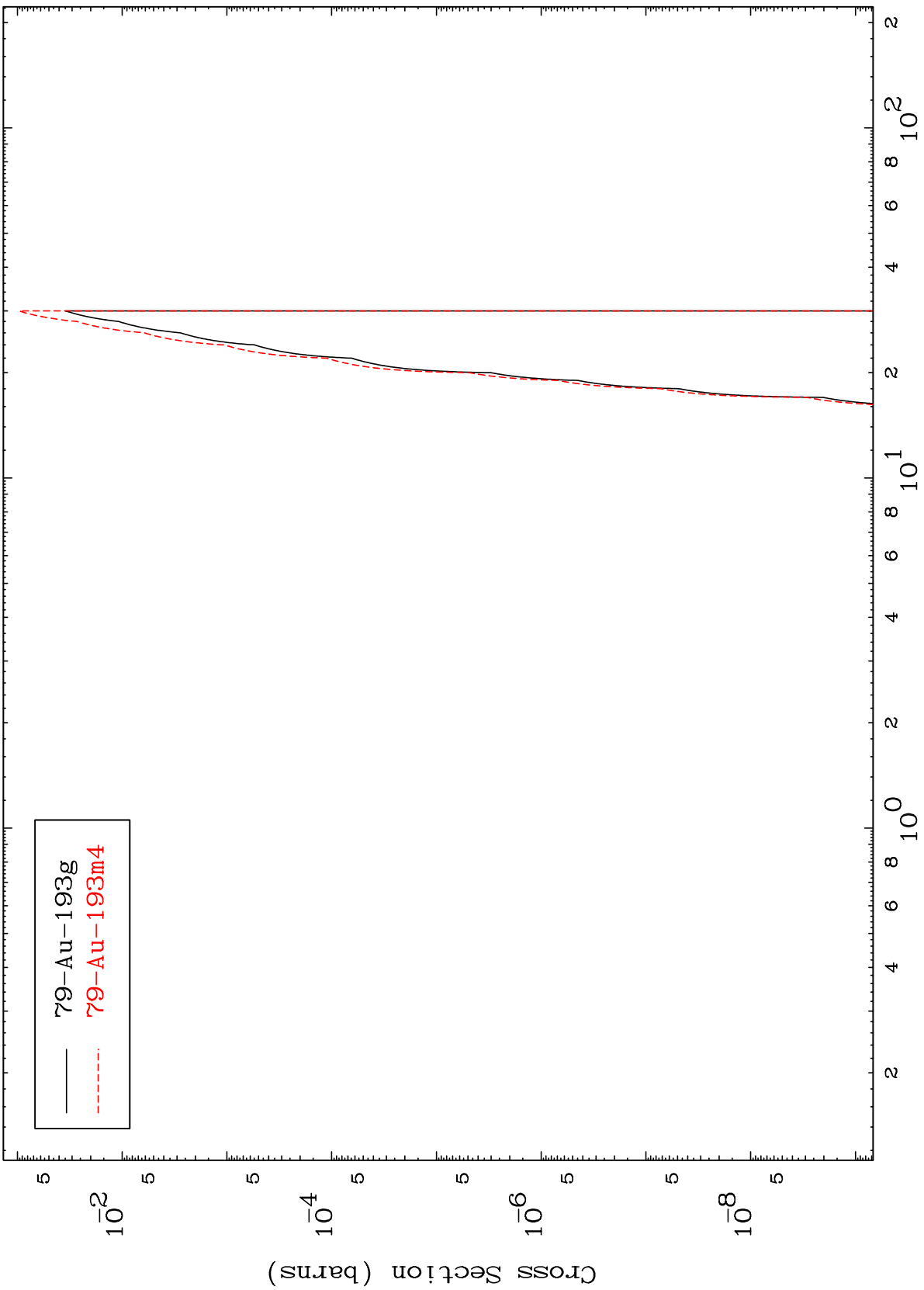


MAT 7914

( $\alpha, \alpha$ )

79-Au-193

Radionuclide Production Cross Section



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

