

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

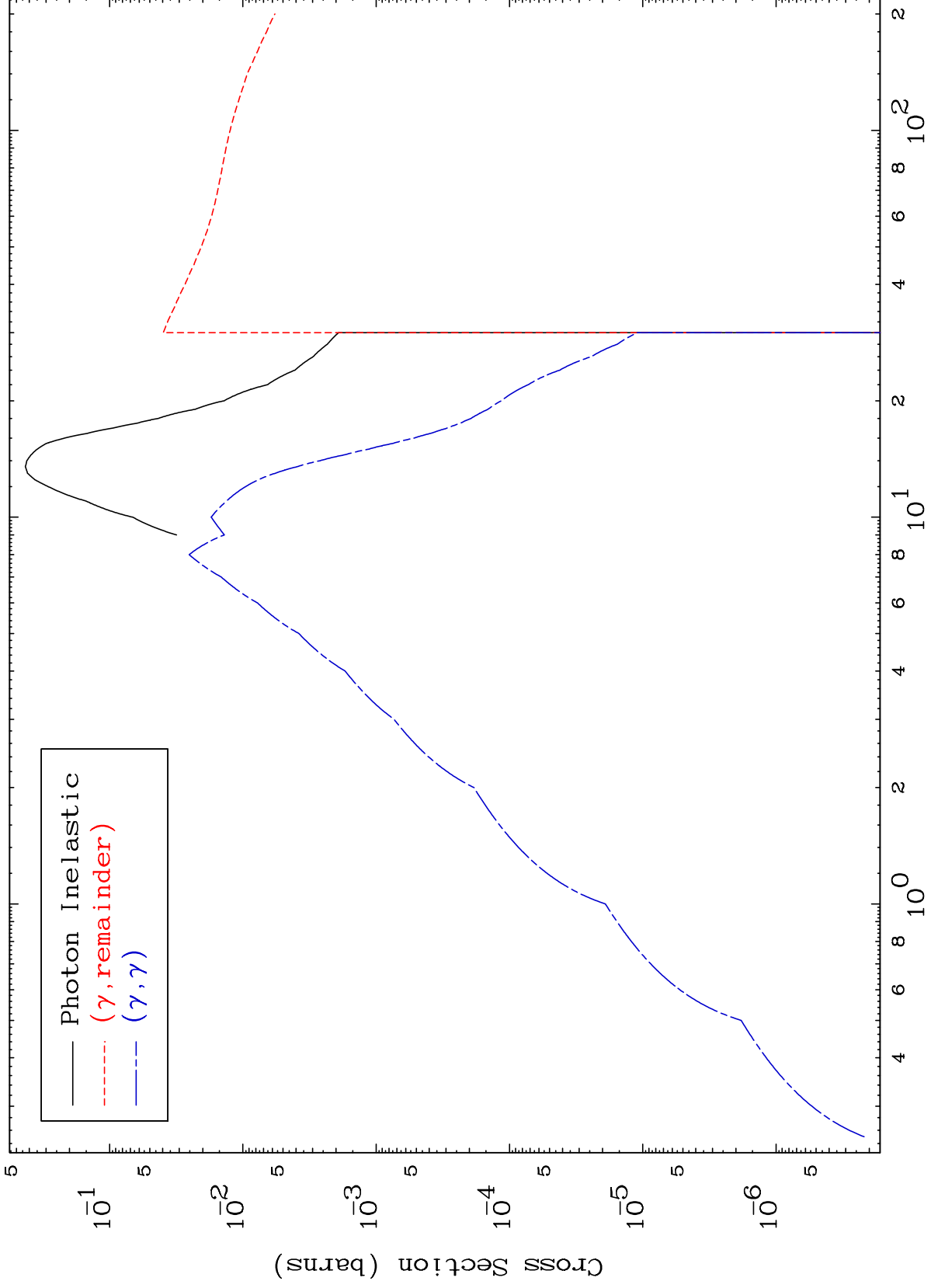
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7919

Photon Major  
0 Kelvin Cross Sections

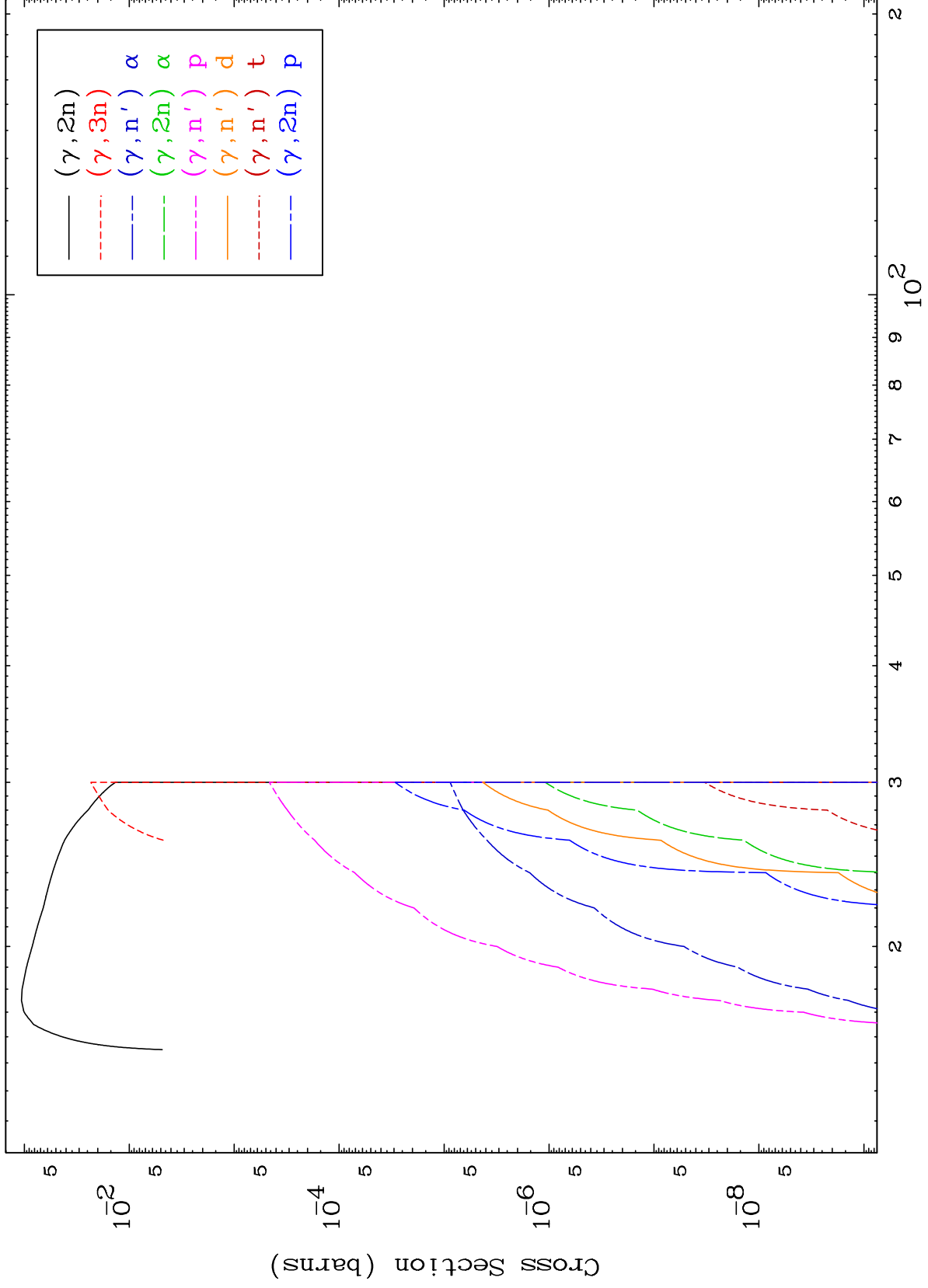
79-Au-195

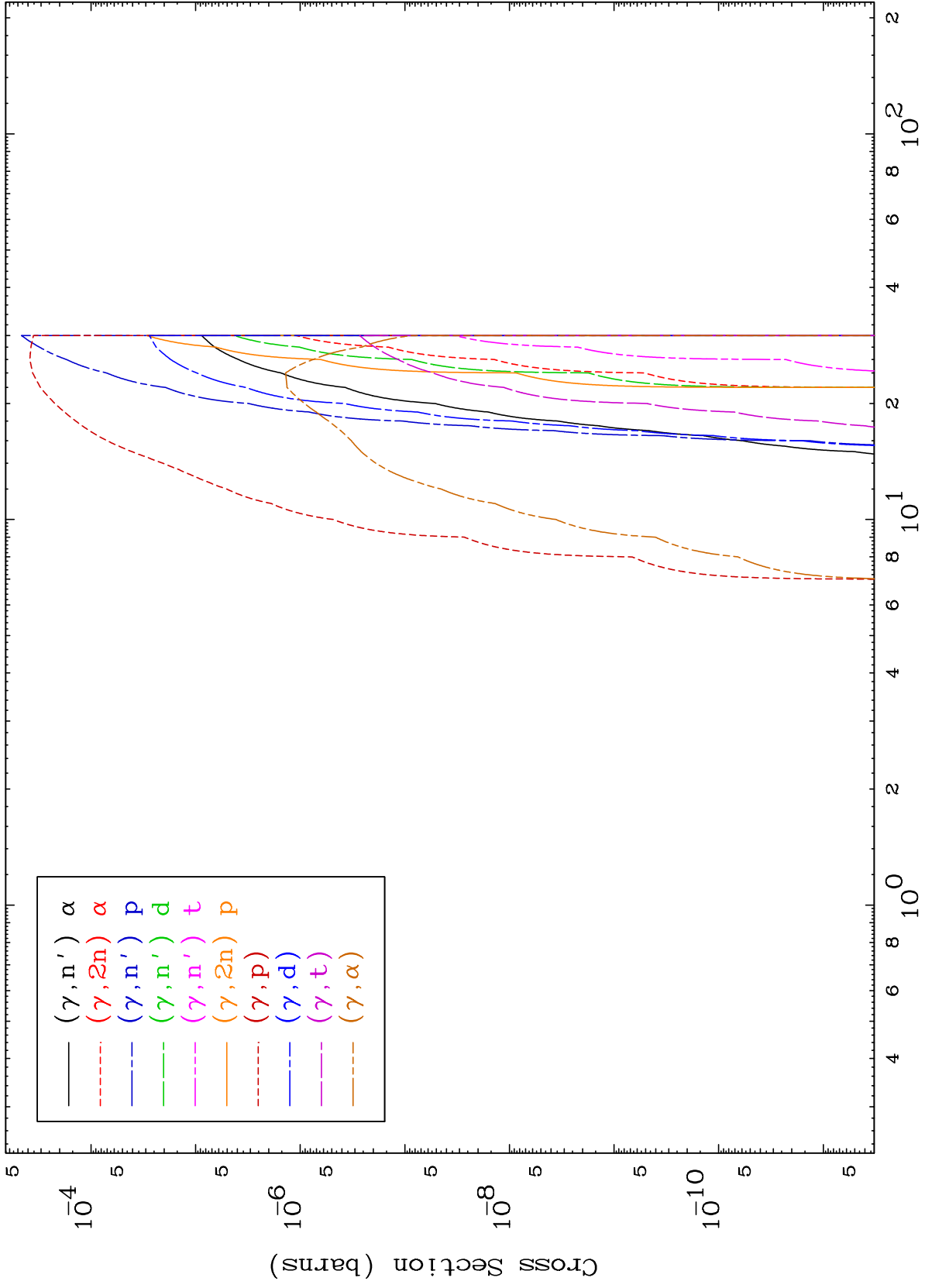


1

Incident Energy (MeV)

79-Au-195



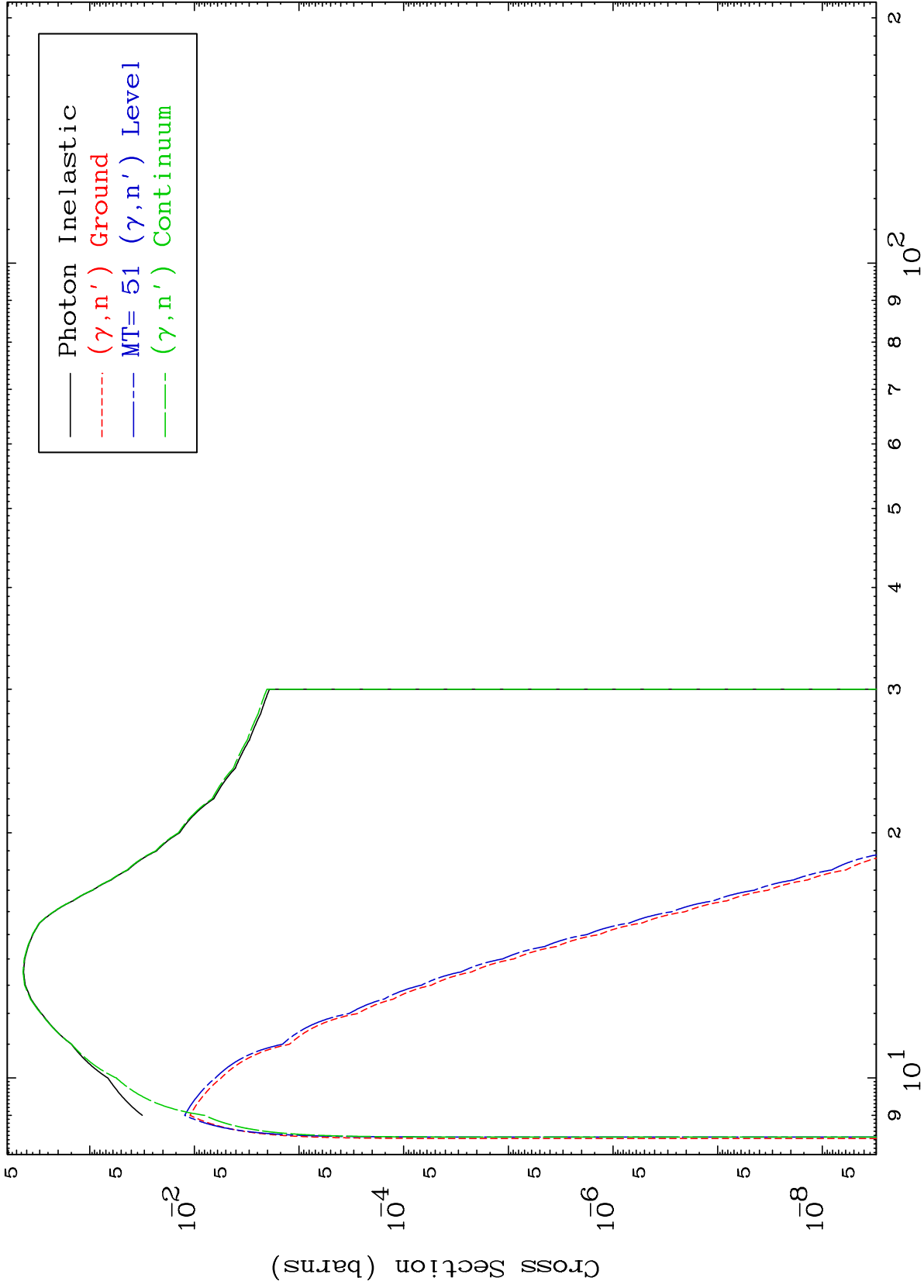


MAT 7919

( $\gamma, n'$ ) Level

79-Au-195

0 Kelvin Cross Sections



Incident Energy (MeV)

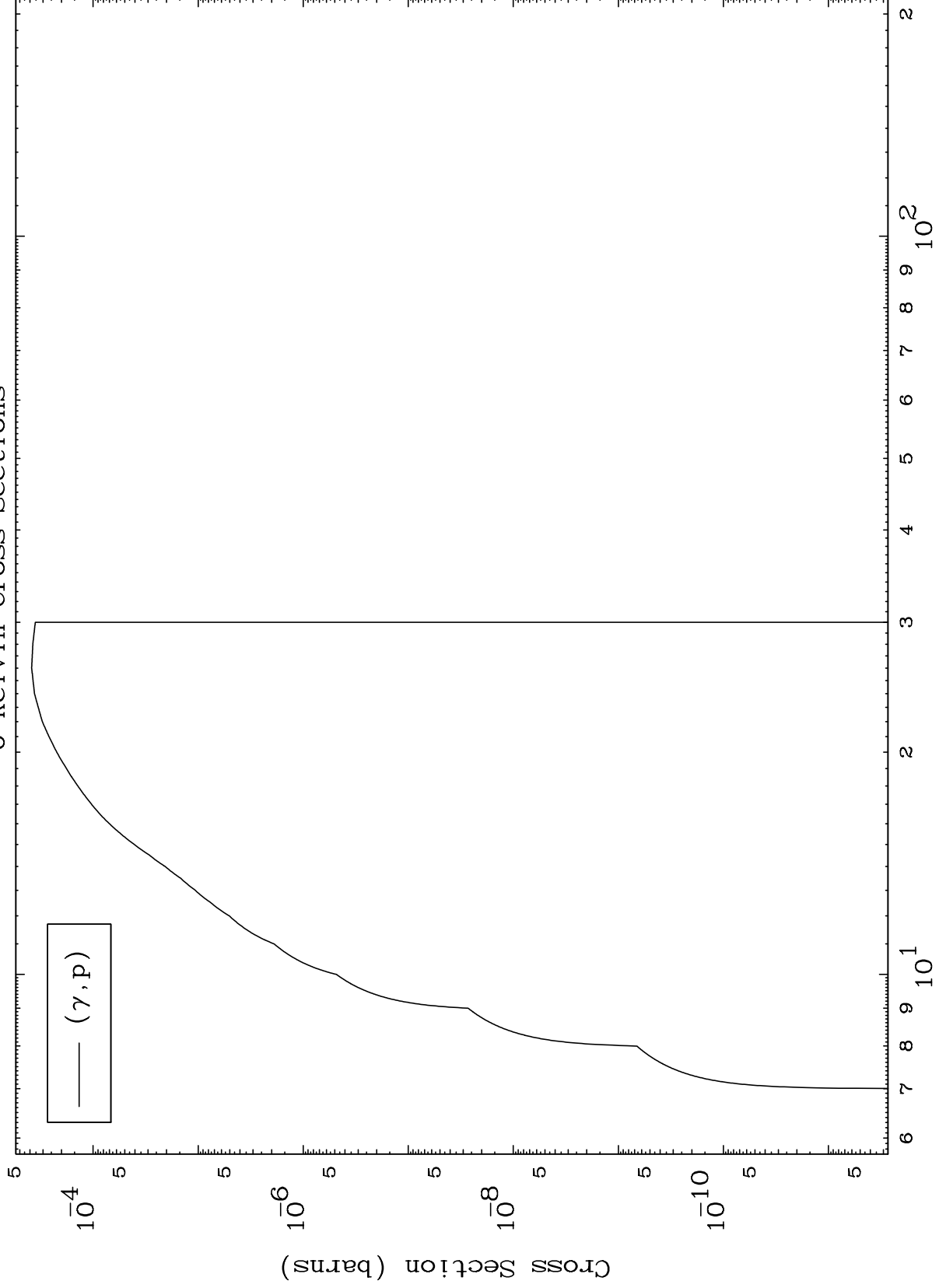
79-Au-195

4

MAT 7919

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

79-Au-195



5

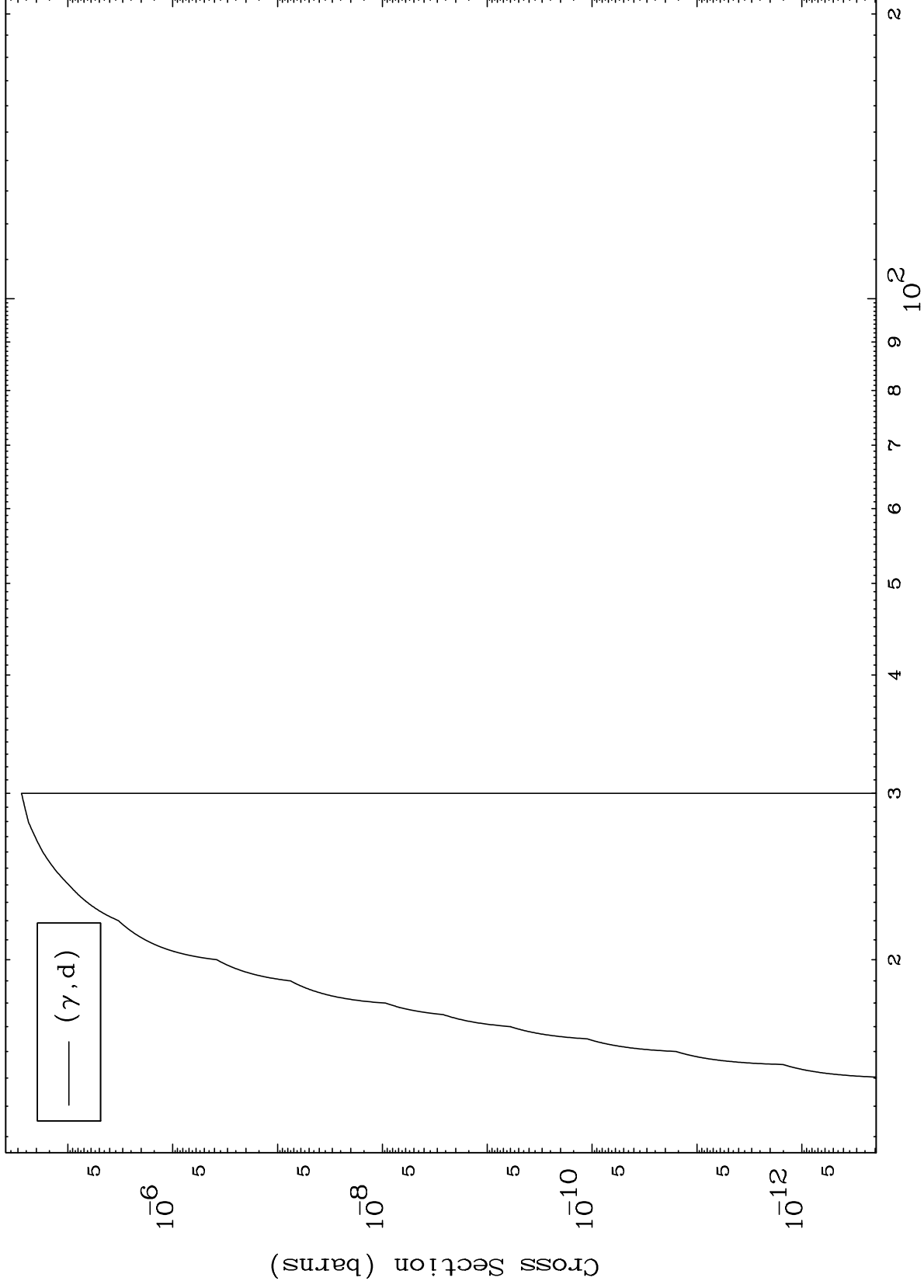
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



6

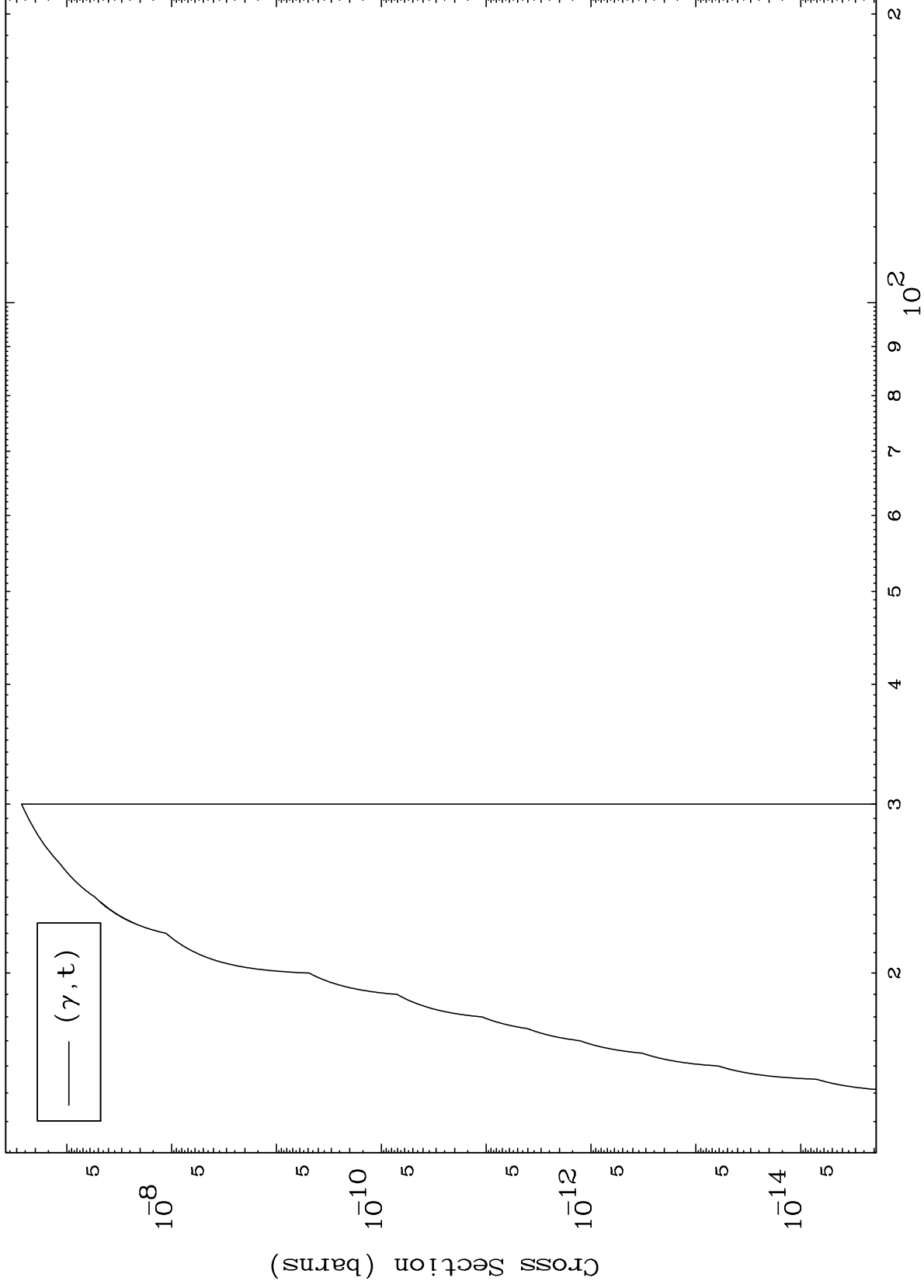
Incident Energy (MeV)

79-Au-195

MAT 7919

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

79-Au-195



7

Incident Energy (MeV)

79-Au-195

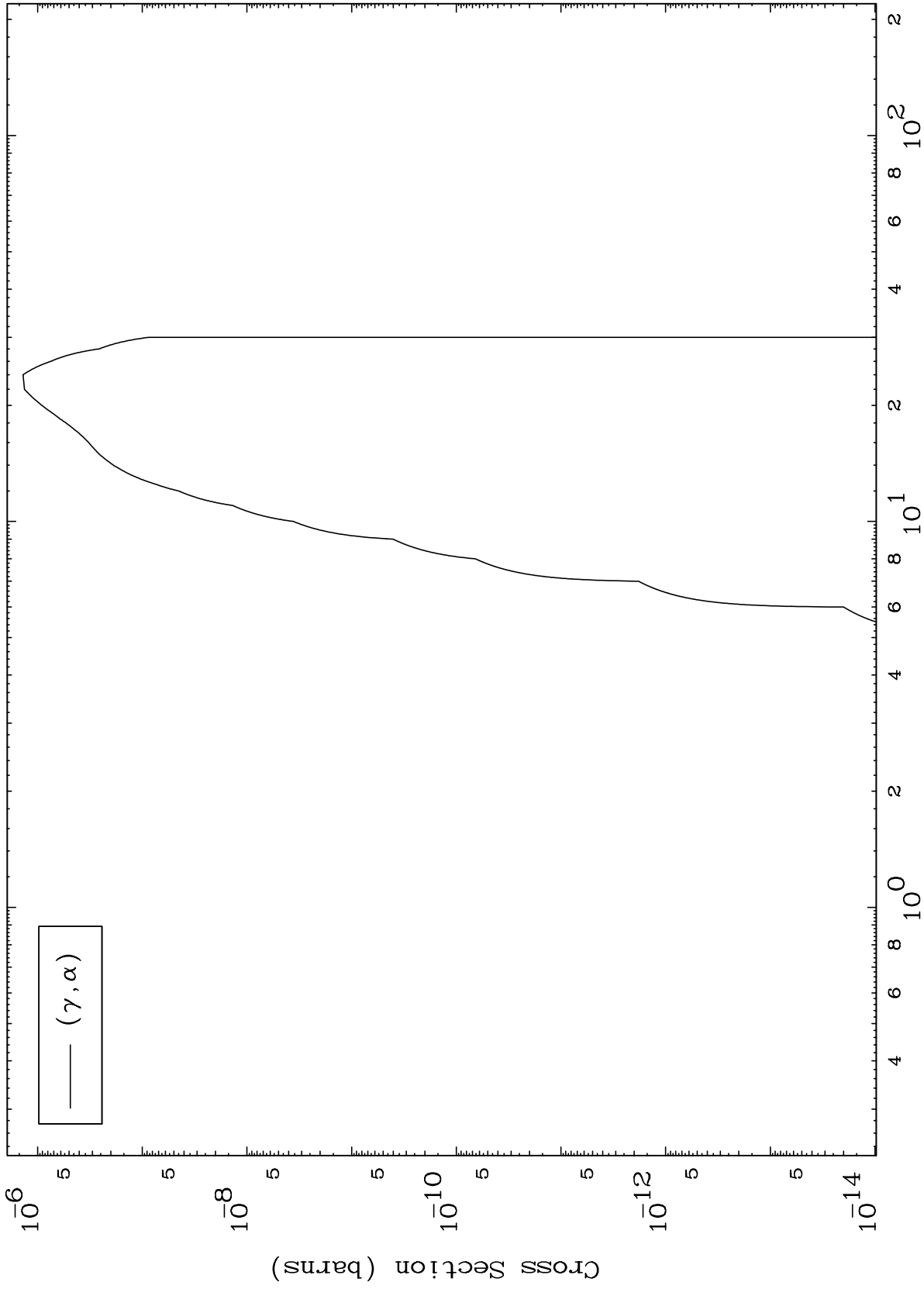


MAT 7919

( $\gamma, \alpha$ ) Levels

79-Au-195

0 Kelvin Cross Sections



8

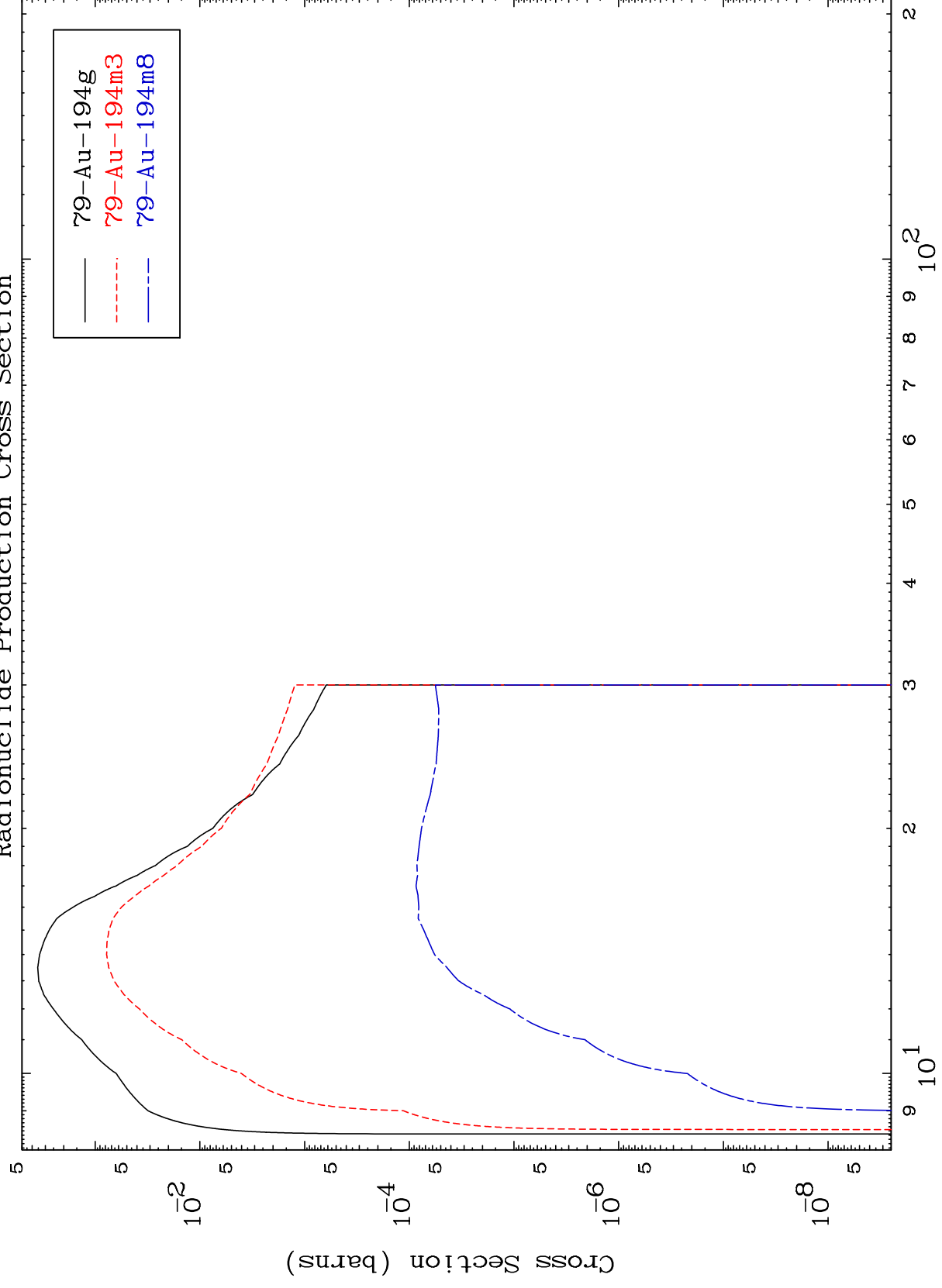
Incident Energy (MeV)

79-Au-195

MAT 7919

Photon Inelastic  
Radionuclide Production Cross Section

79-Au-195



Incident Energy (MeV)

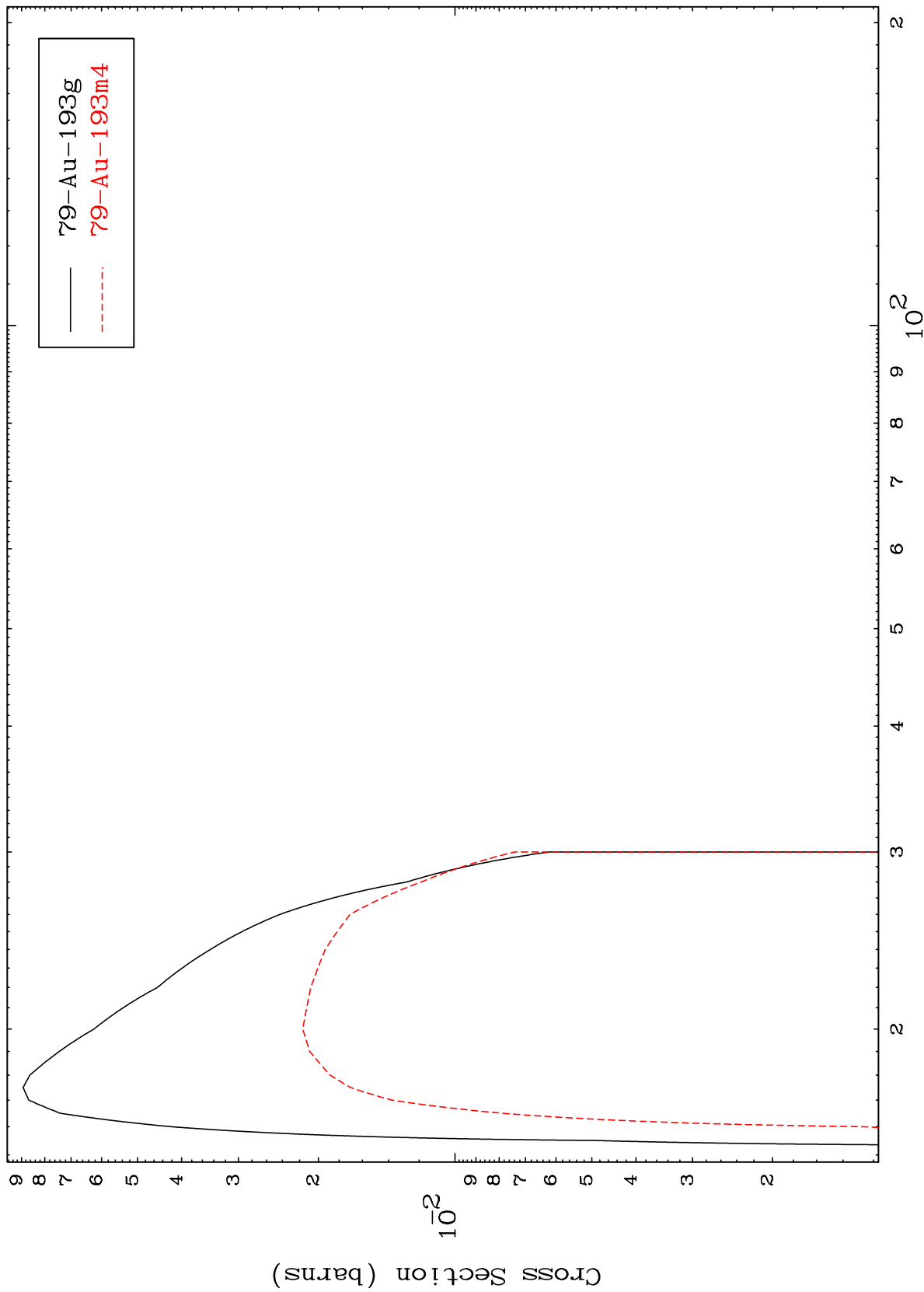
79-Au-195

MAT 7919

79-Au-195

( $\gamma, 2n$ )

Radionuclide Production Cross Section



10

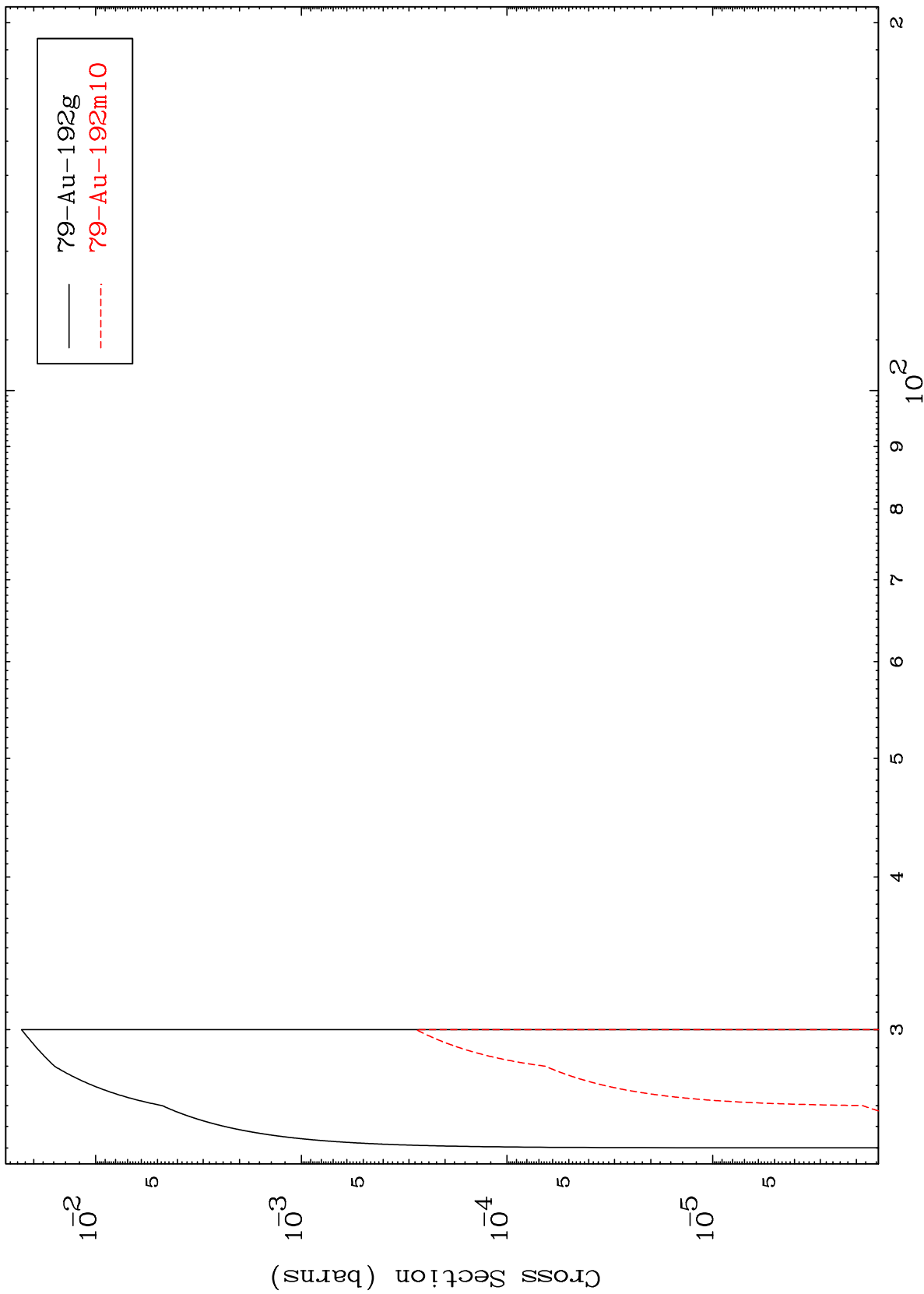
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

( $\gamma, 3n$ )  
Radionuclide Production Cross Section



11

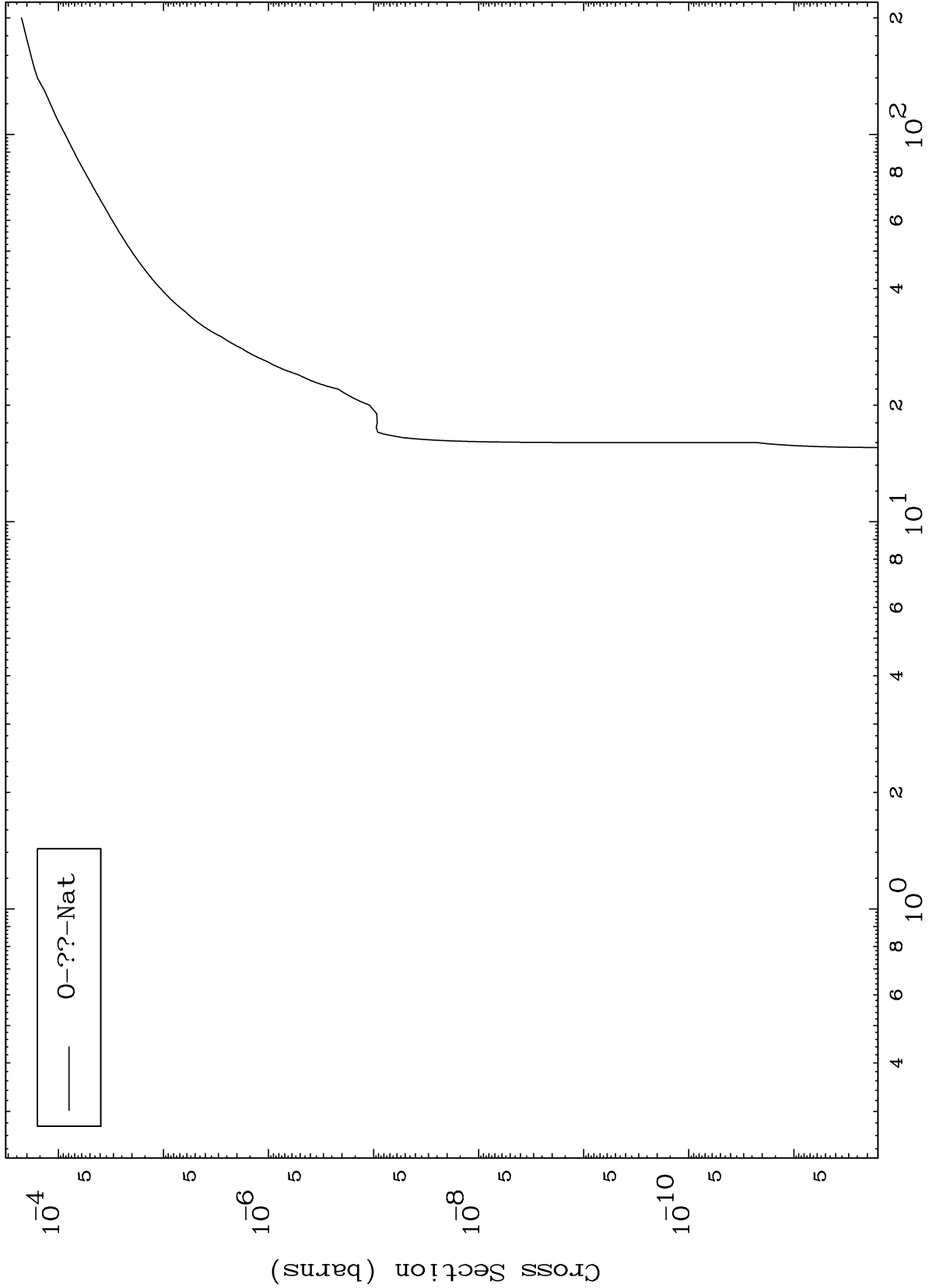
79-Au-195

Incident Energy (MeV)

MAT 7919

79-Au-195

Photon Fission  
Radionuclide Production Cross Section



79-Au-195

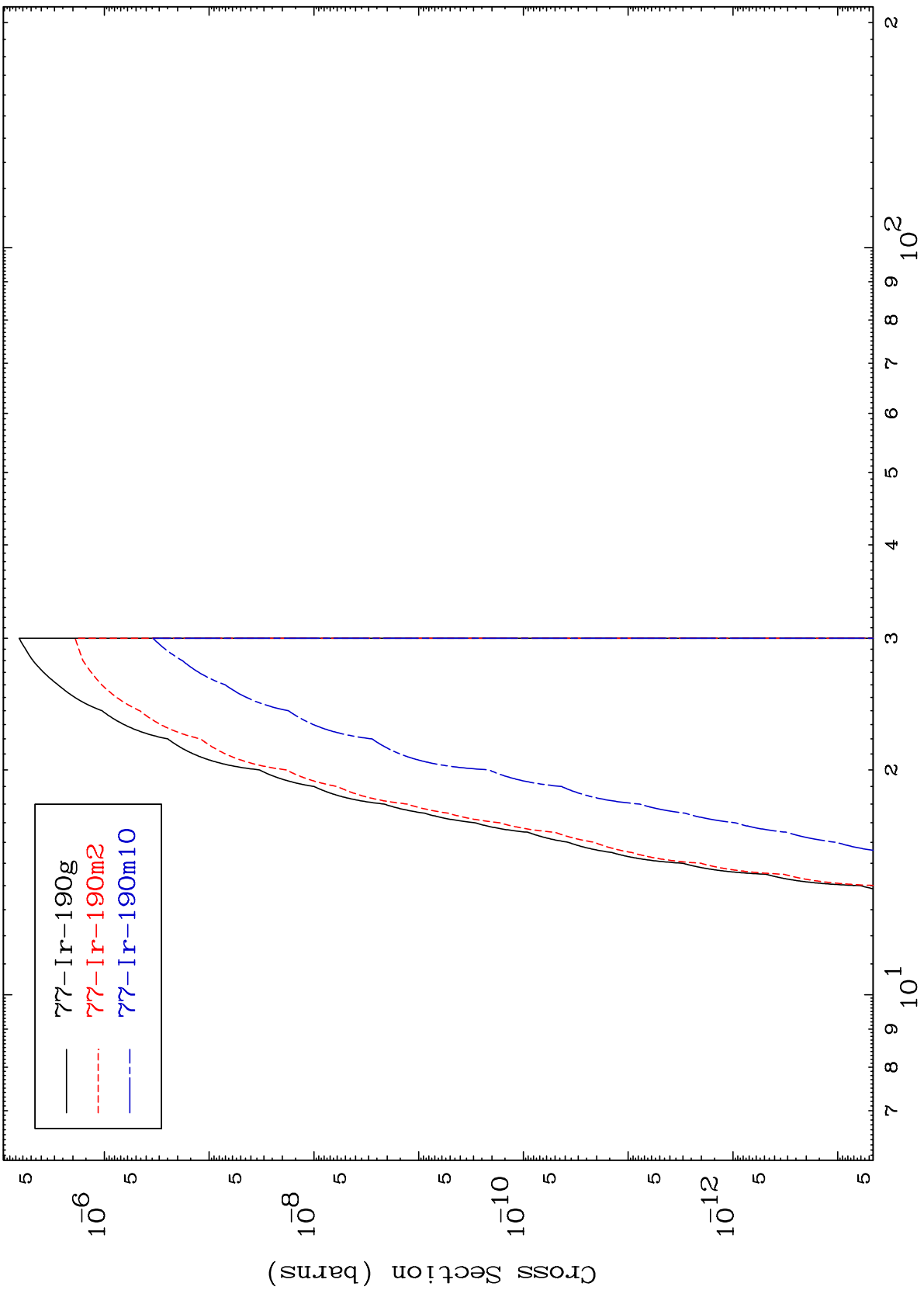
Incident Energy (MeV)

MAT 7919

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

79-Au-195

Radionuclide Production Cross Section

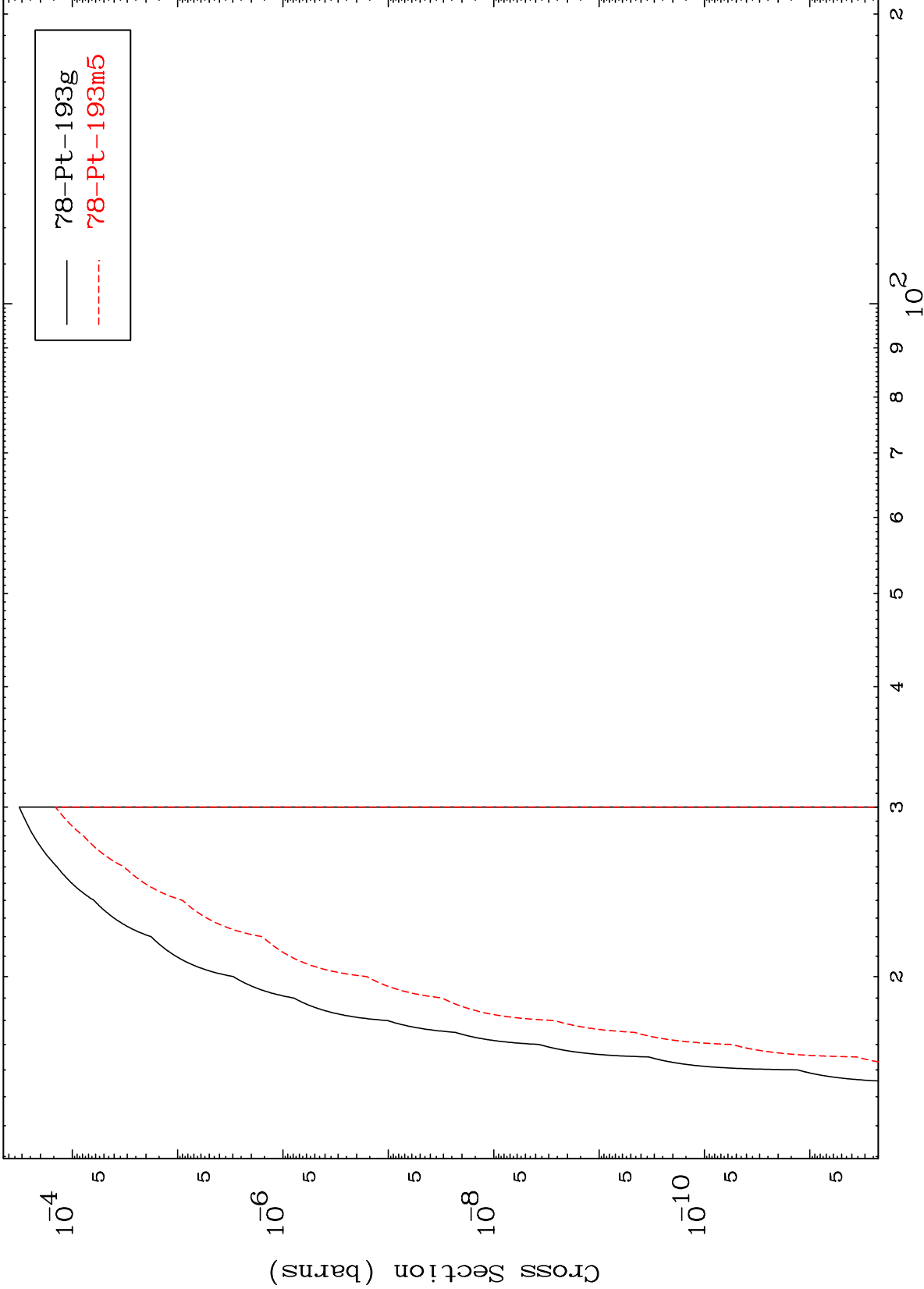


MAT 7919

$(\gamma, n')$  p

79-Au-195

Radionuclide Production Cross Section



14

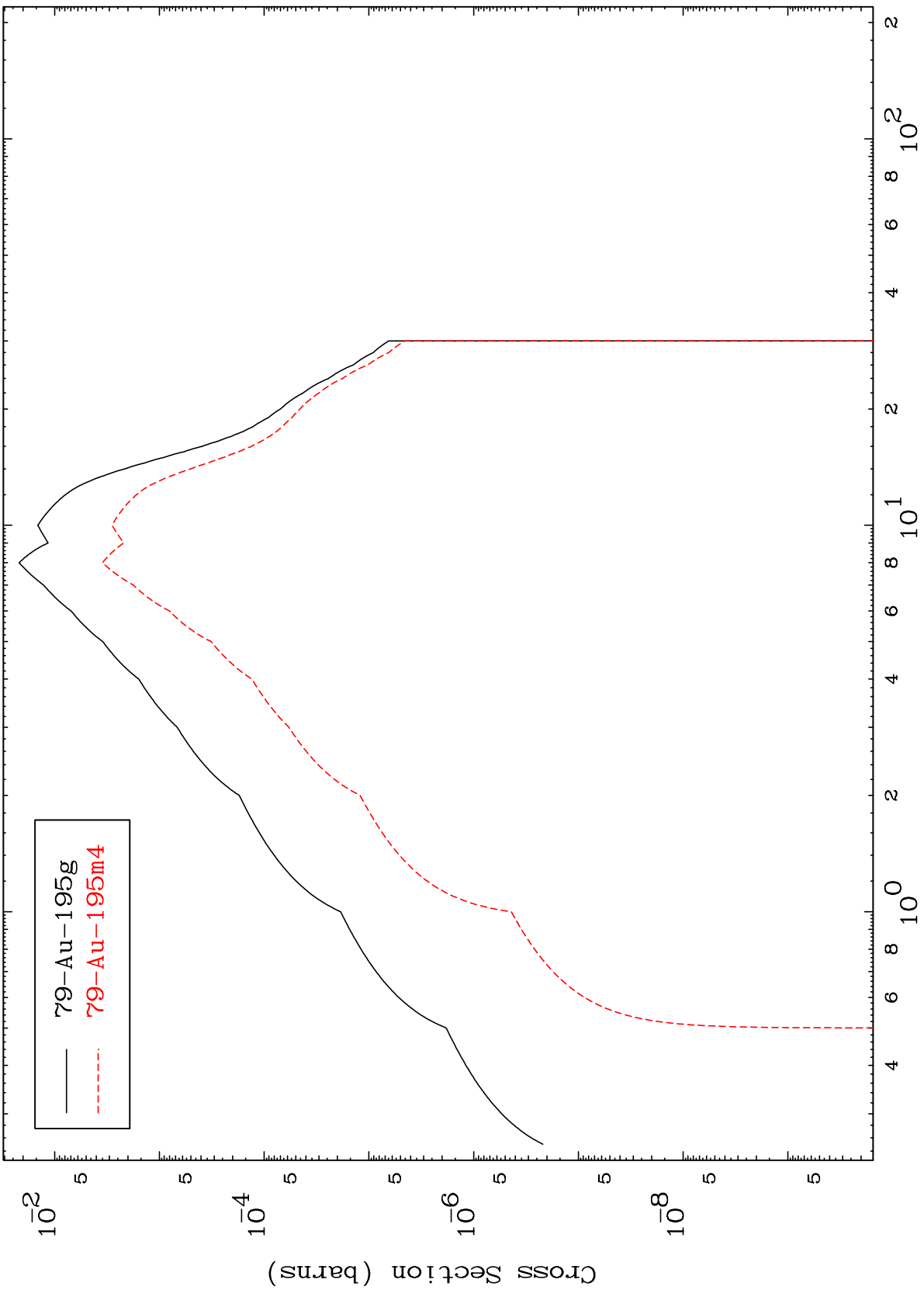
Incident Energy (MeV)

79-Au-195

MAT 7919

79-Au-195

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



— 79-Au-195g  
- - - 79-Au-195m4

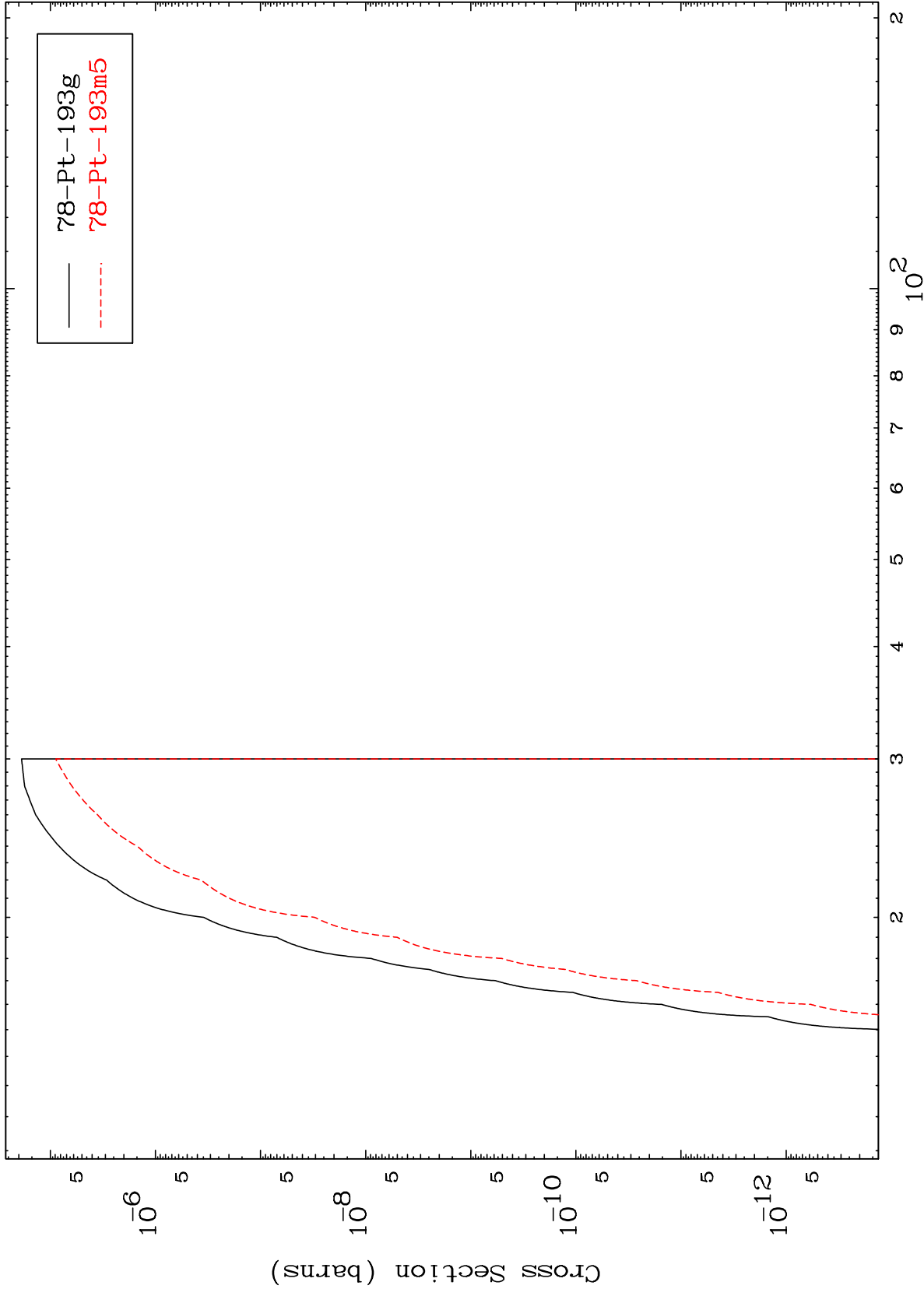
15

Incident Energy (MeV)

79-Au-195



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



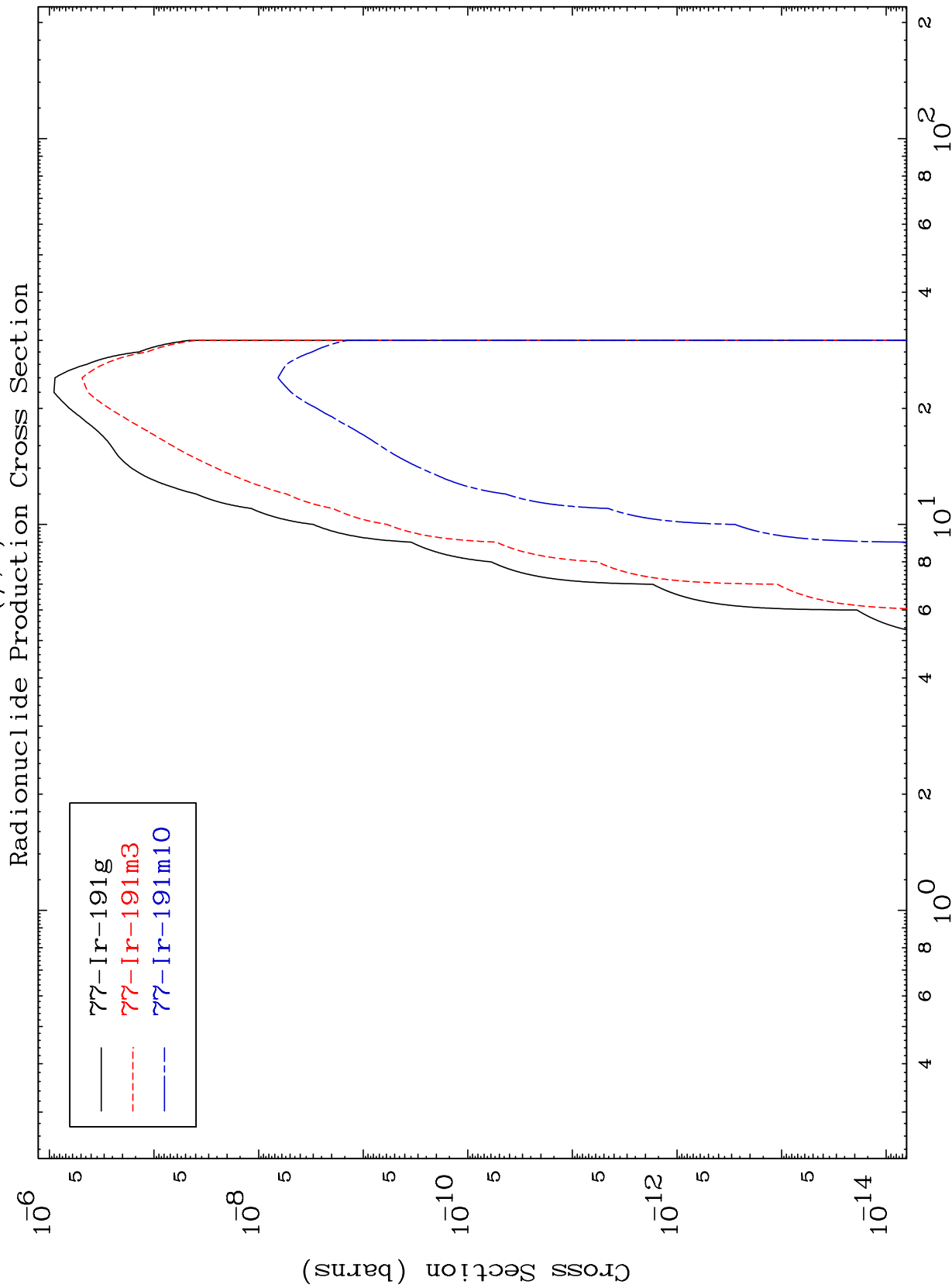
78-Pt-193g  
78-Pt-193m5

MAT 7919

79-Au-195

Radionuclide Production Cross Section

( $\gamma, \alpha$ )



79-Au-195

Incident Energy (MeV)

17