

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

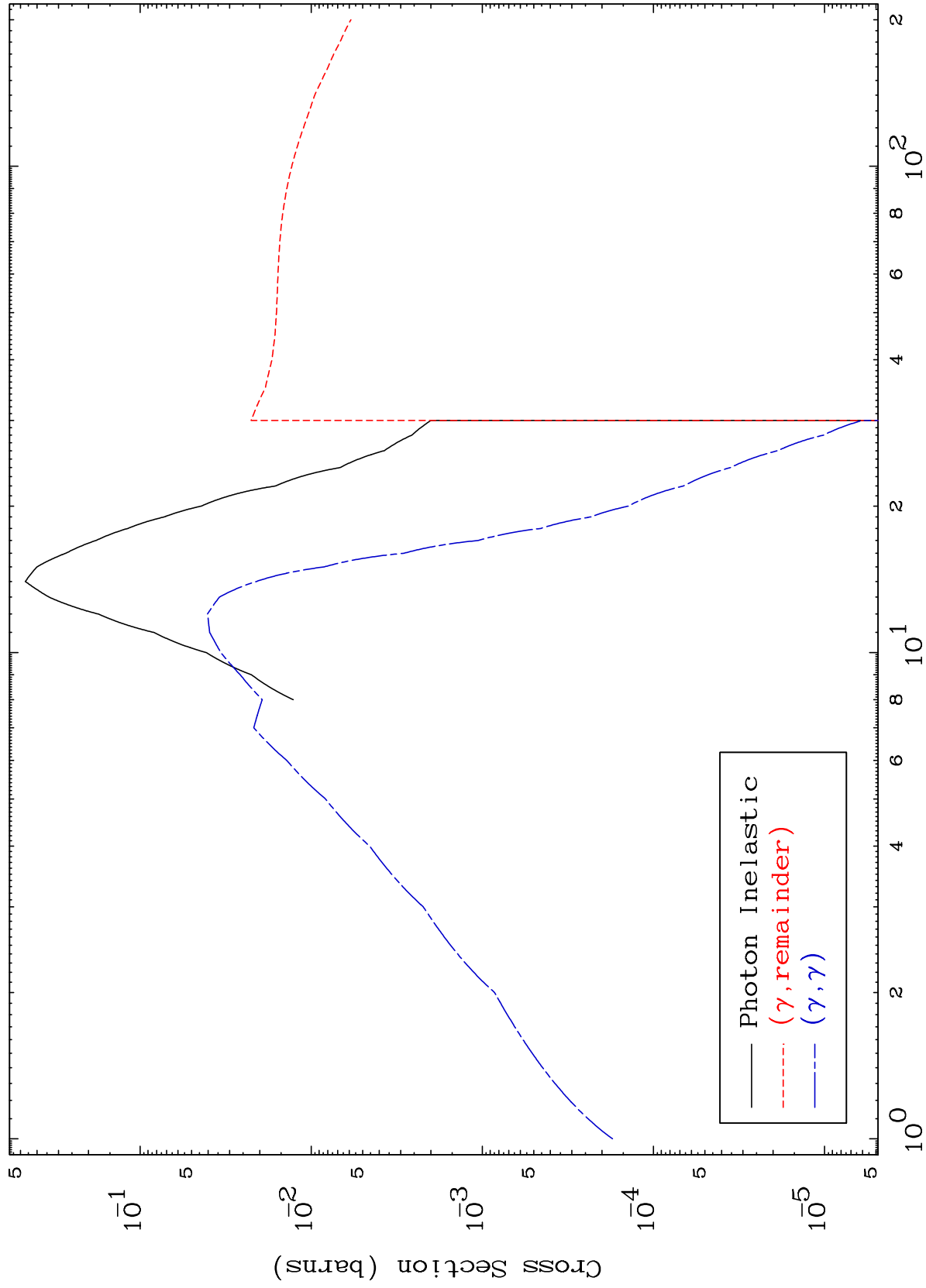
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7904

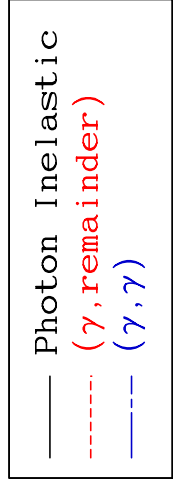
Photon Major  
0 Kelvin Cross Sections

79-Au-190



Incident Energy (MeV)

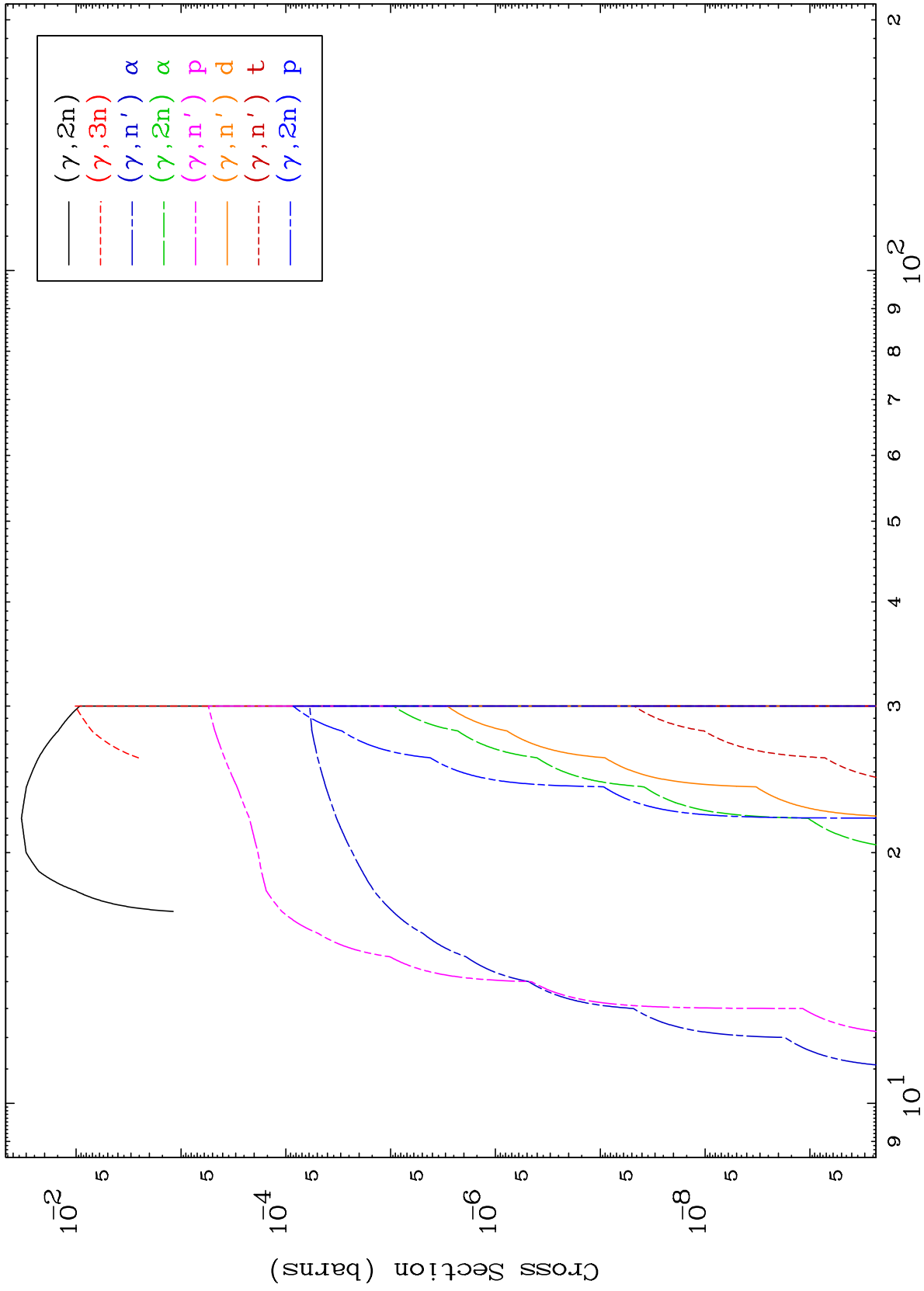
79-Au-190



MAT 7904

Photon Neutron Production  
0 Kelvin Cross Sections

79-Au-190



79-Au-190

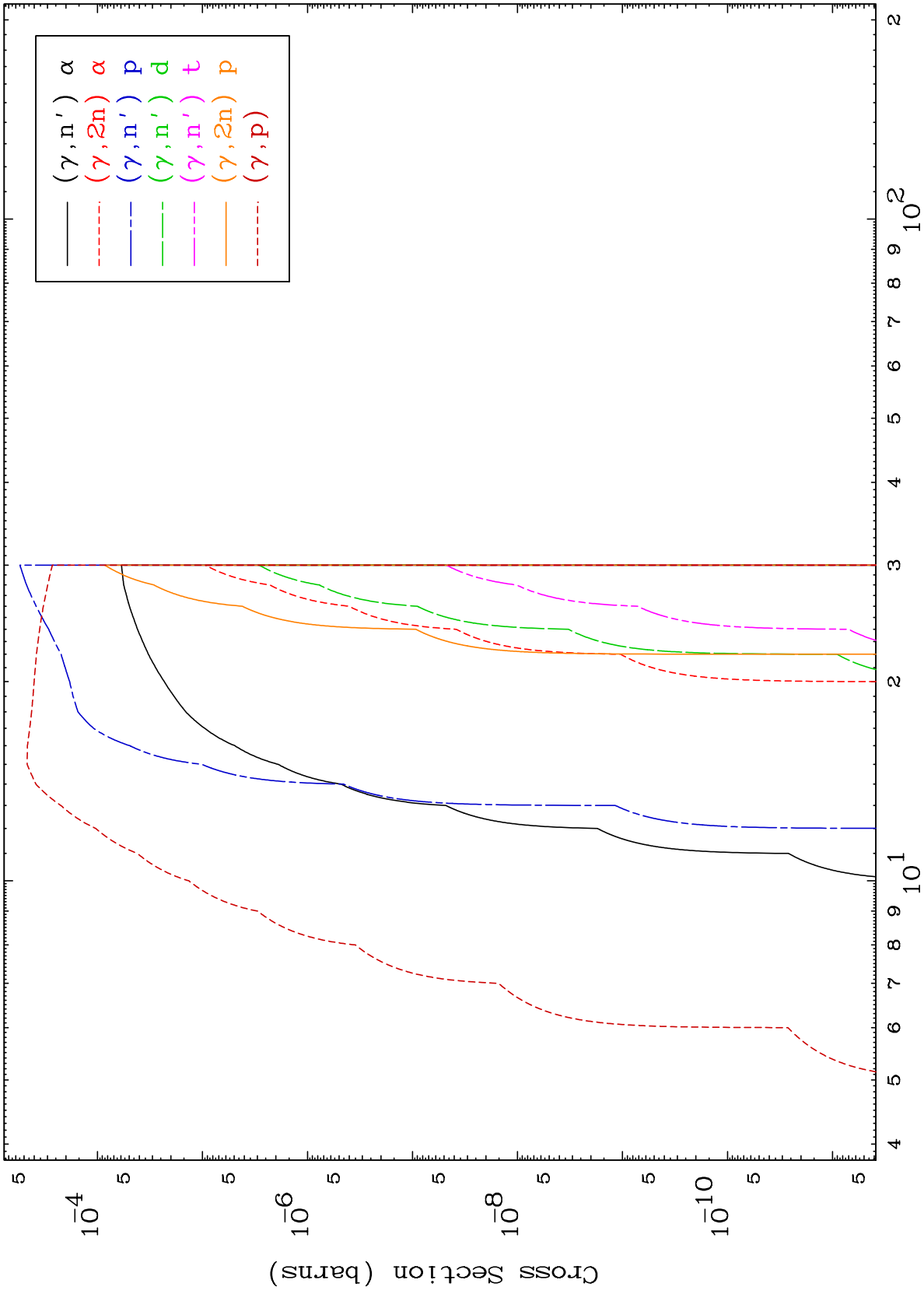
Incident Energy (MeV)

2

MAT 7904

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-190



3

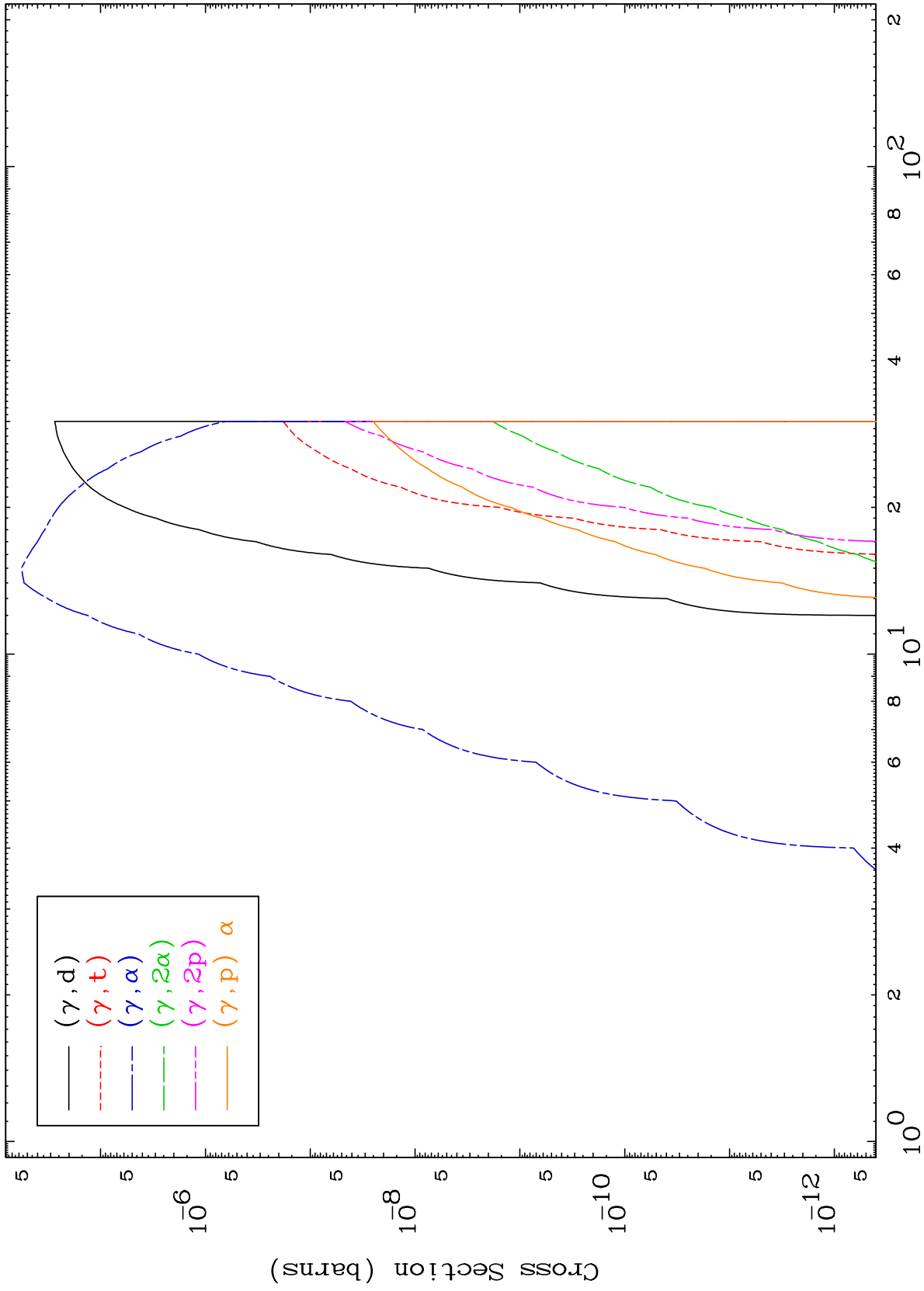
Incident Energy (MeV)

79-Au-190

MAT 7904

Photon Charged Particle  
0 Kelvin Cross Sections

79-Au-190



Incident Energy (MeV)

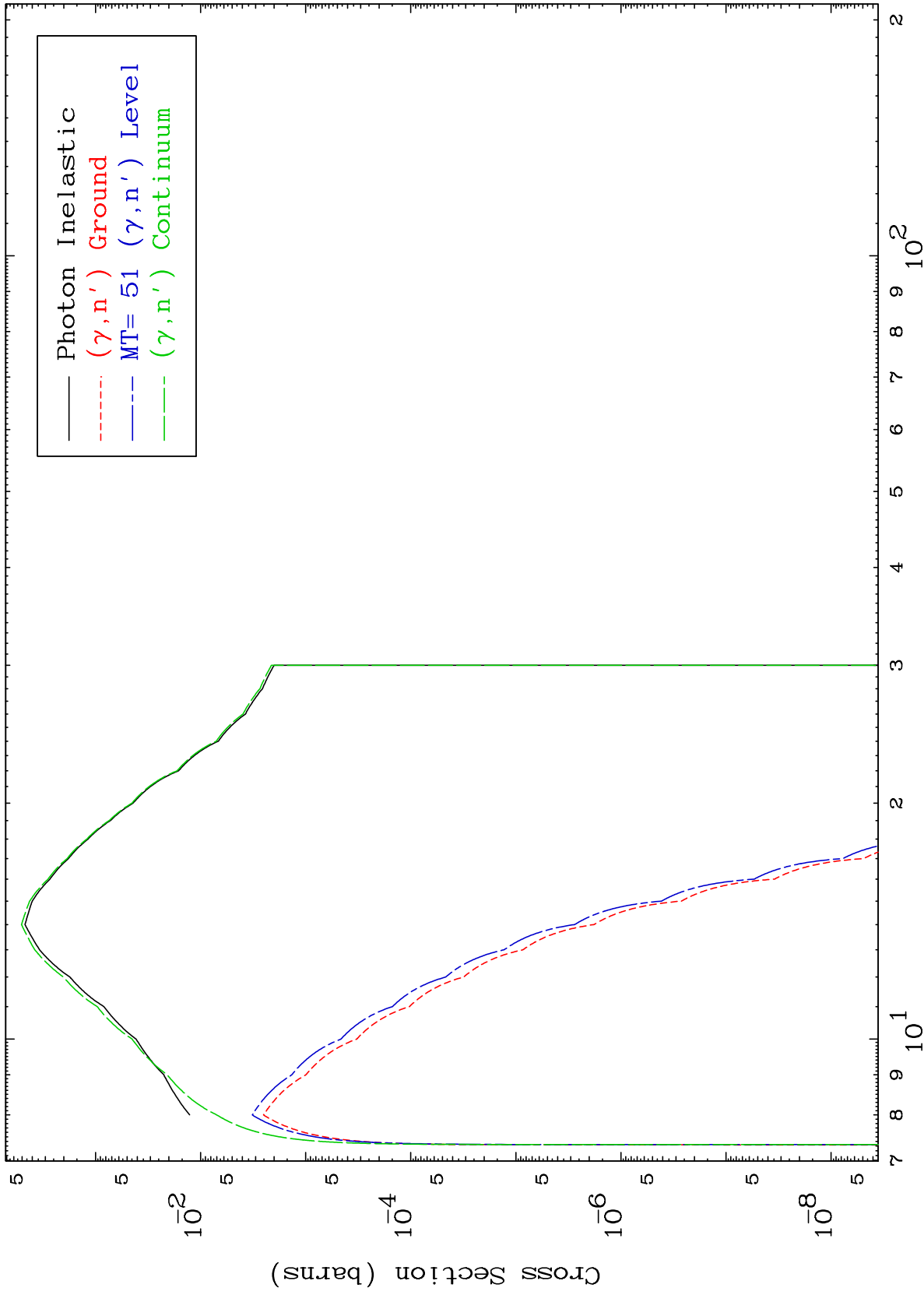
79-Au-190

4

MAT 7904

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

79-Au-190



5

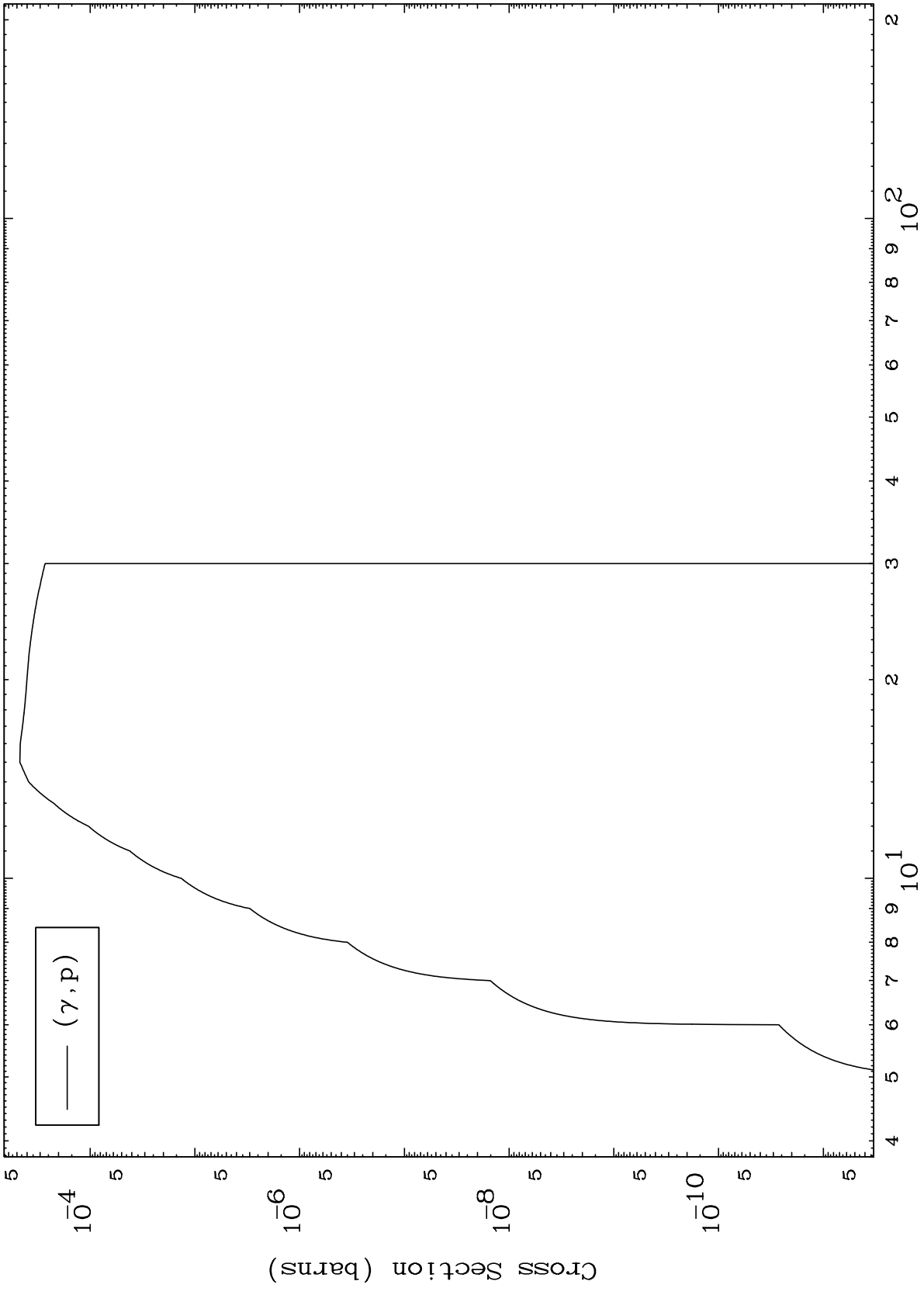
Incident Energy (MeV)

79-Au-190

MAT 7904

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

79-Au-190



6

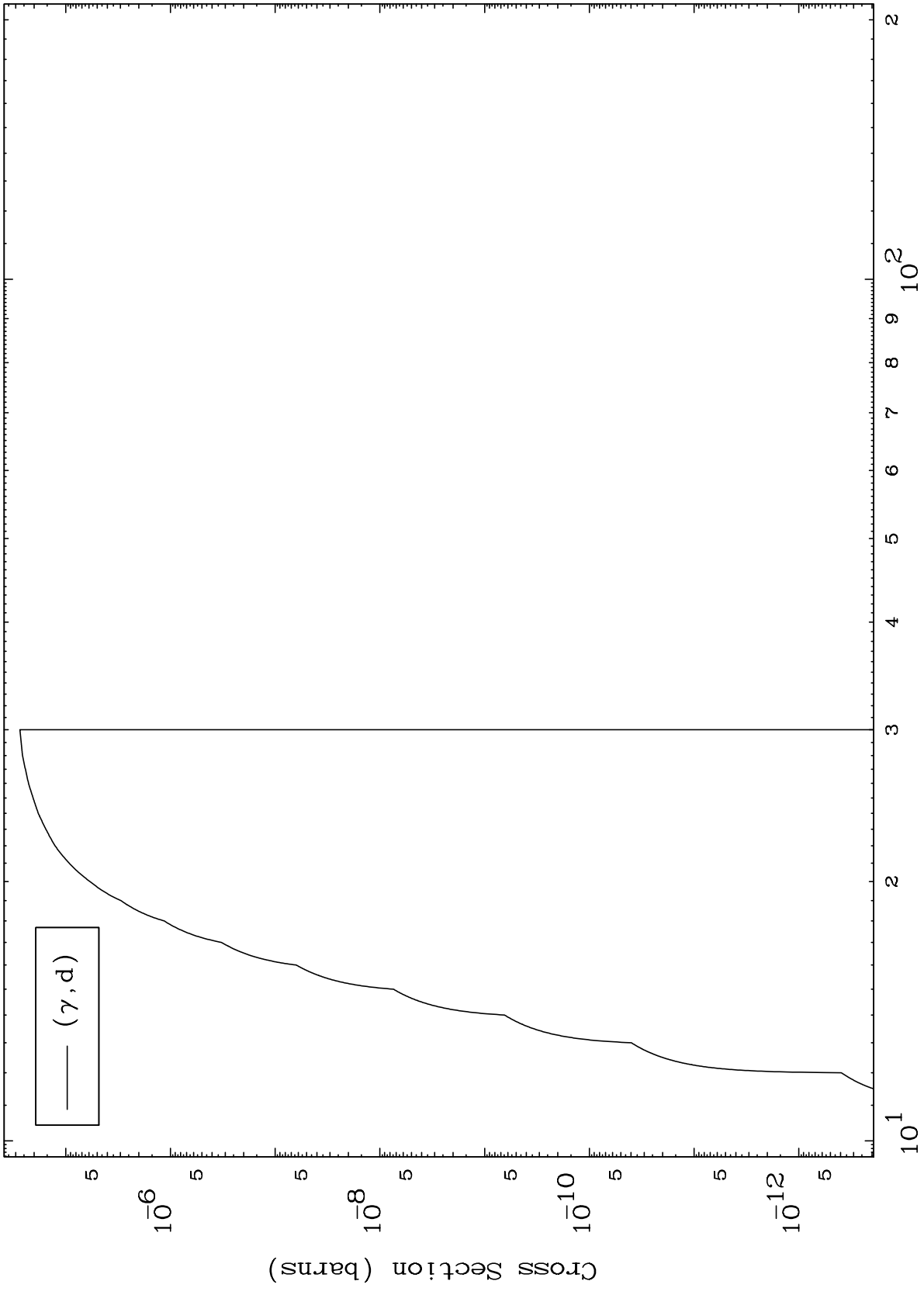
Incident Energy (MeV)

79-Au-190

MAT 7904

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

79-Au-190



Incident Energy (MeV)

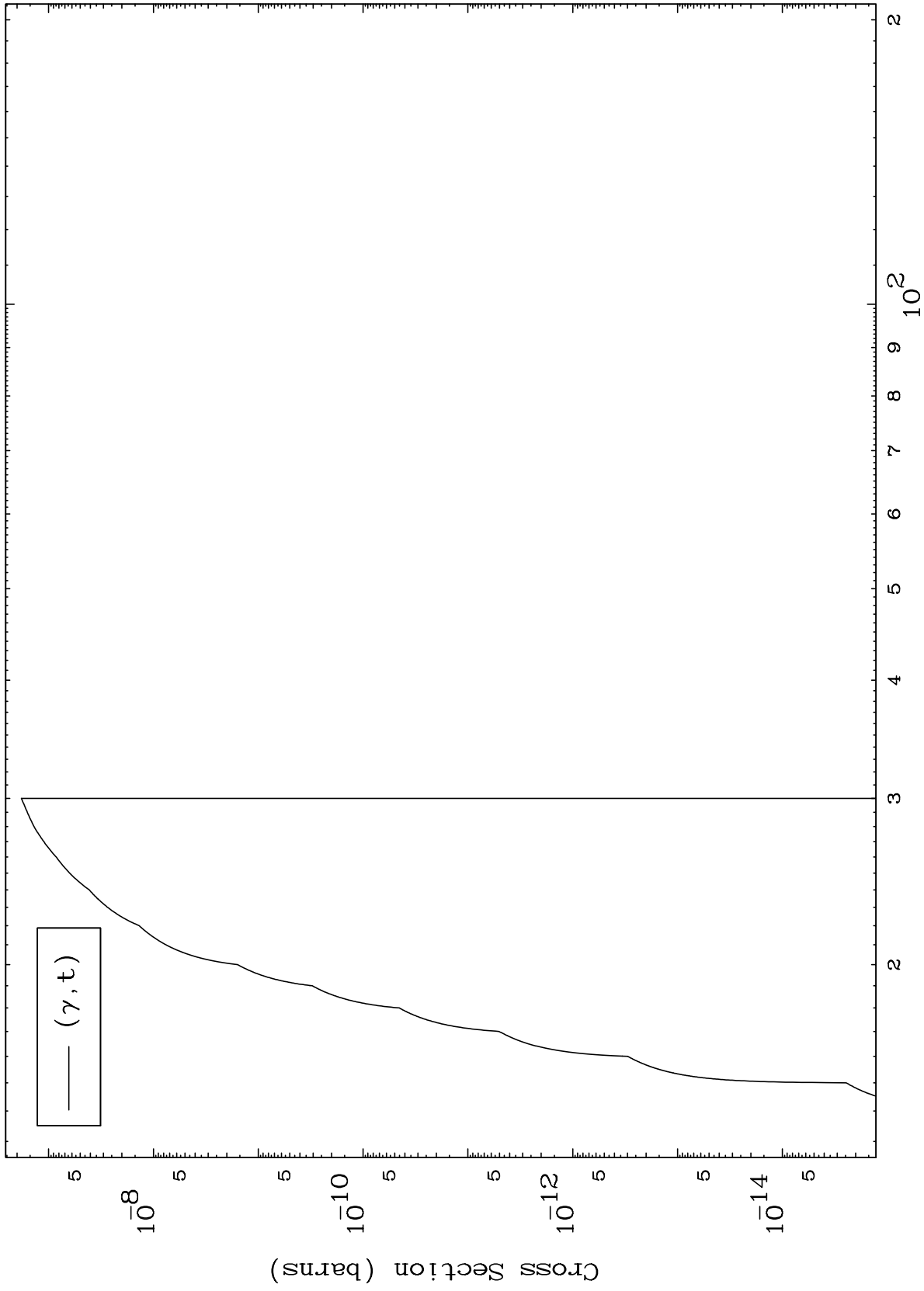
79-Au-190



MAT 7904

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

79-Au-190



8

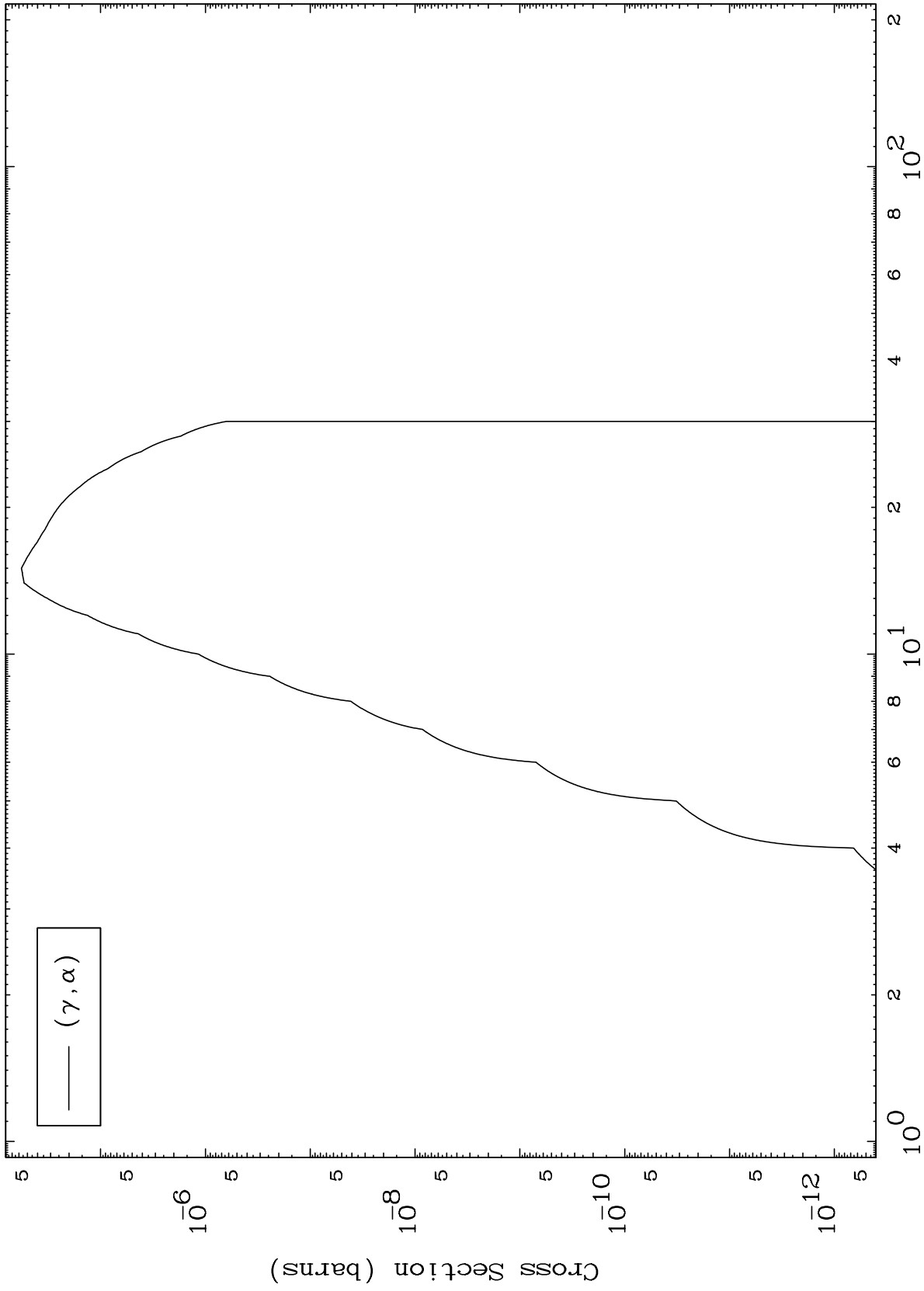
Incident Energy (MeV)

79-Au-190

MAT 7904

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

79-Au-190



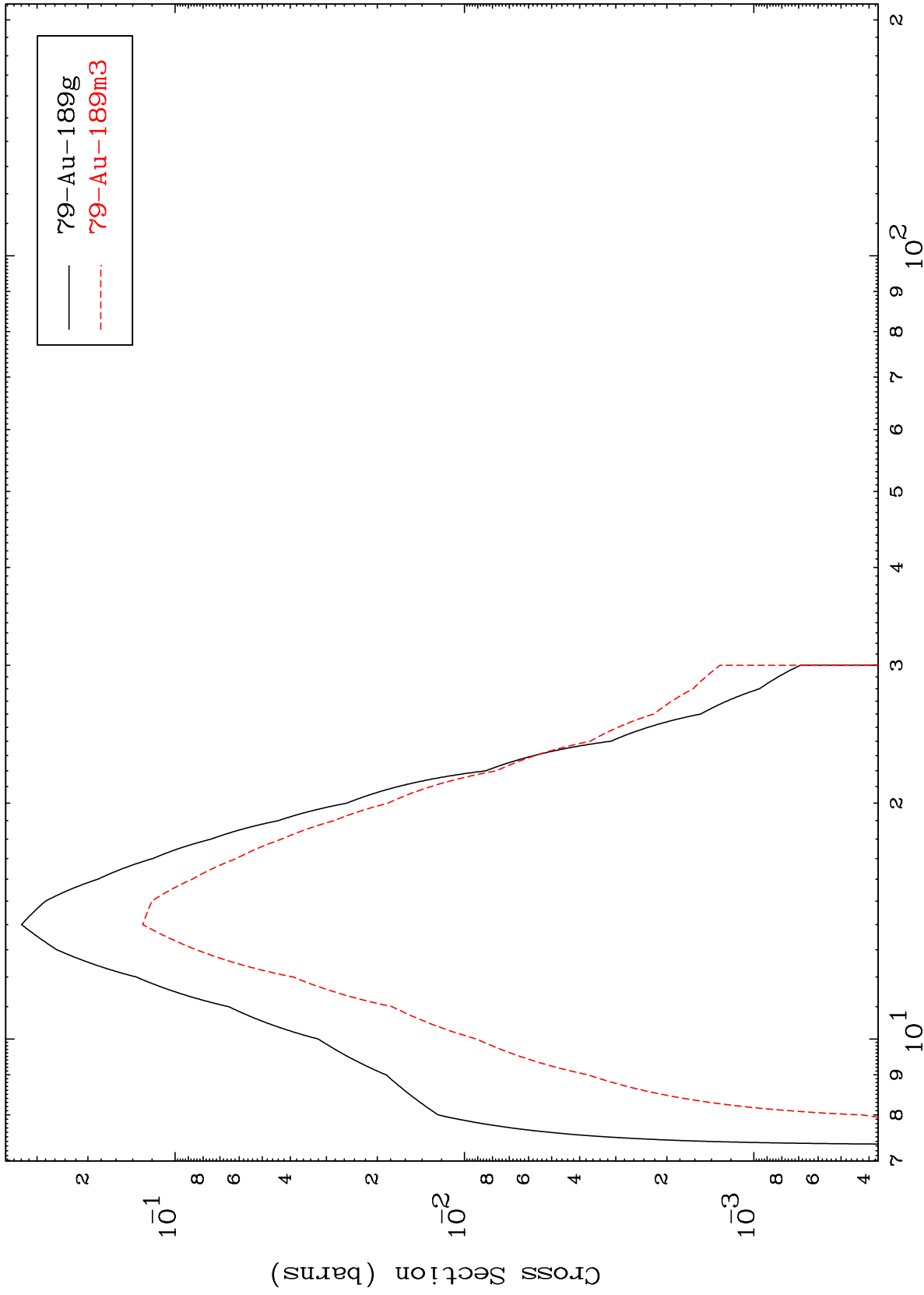
Incident Energy (MeV)

79-Au-190

MAT 7904

Photon Inelastic  
Radionuclide Production Cross Section

<sup>79</sup>Au-190



10

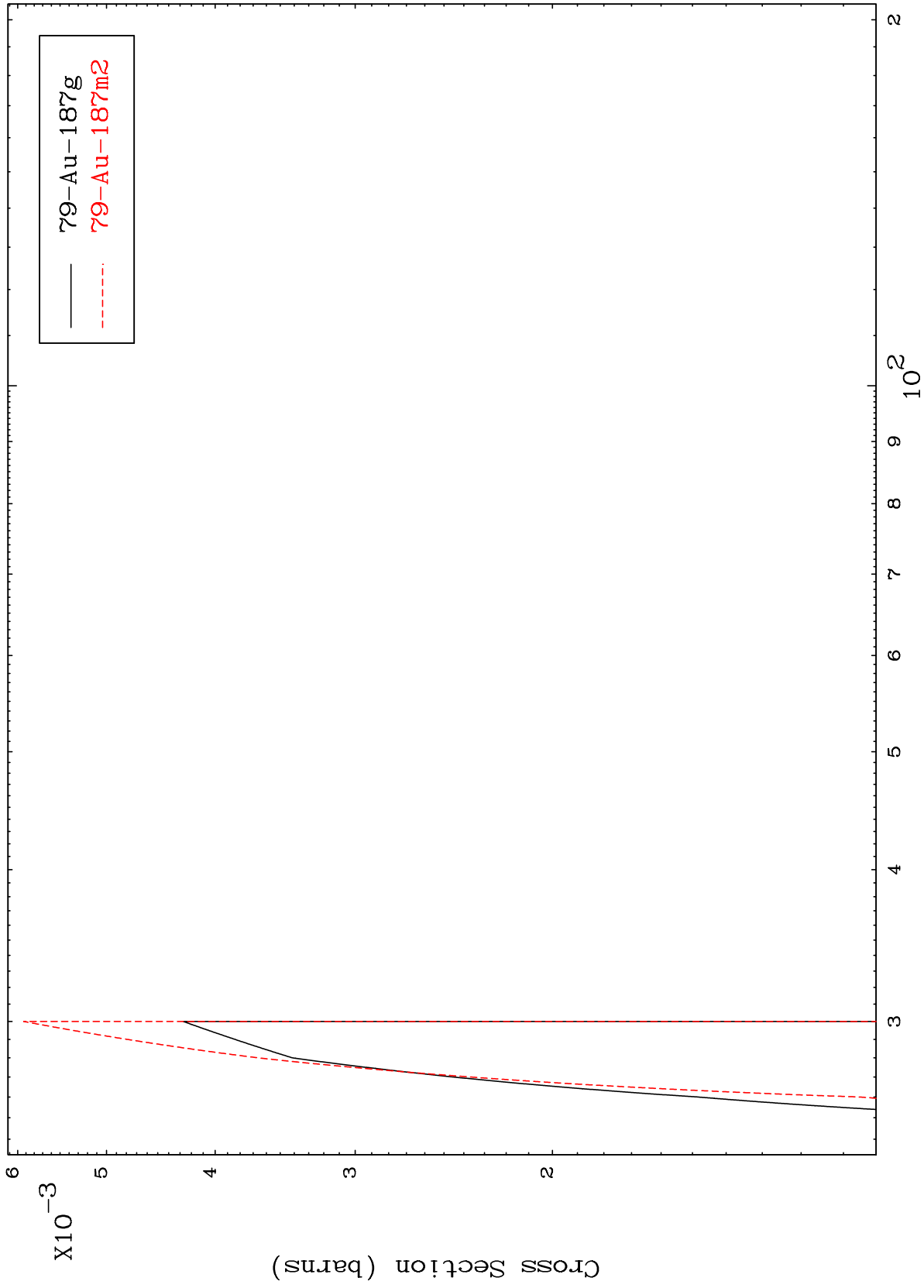
Incident Energy (MeV)

<sup>79</sup>Au-190

MAT 7904

<sup>79</sup>Au-190

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



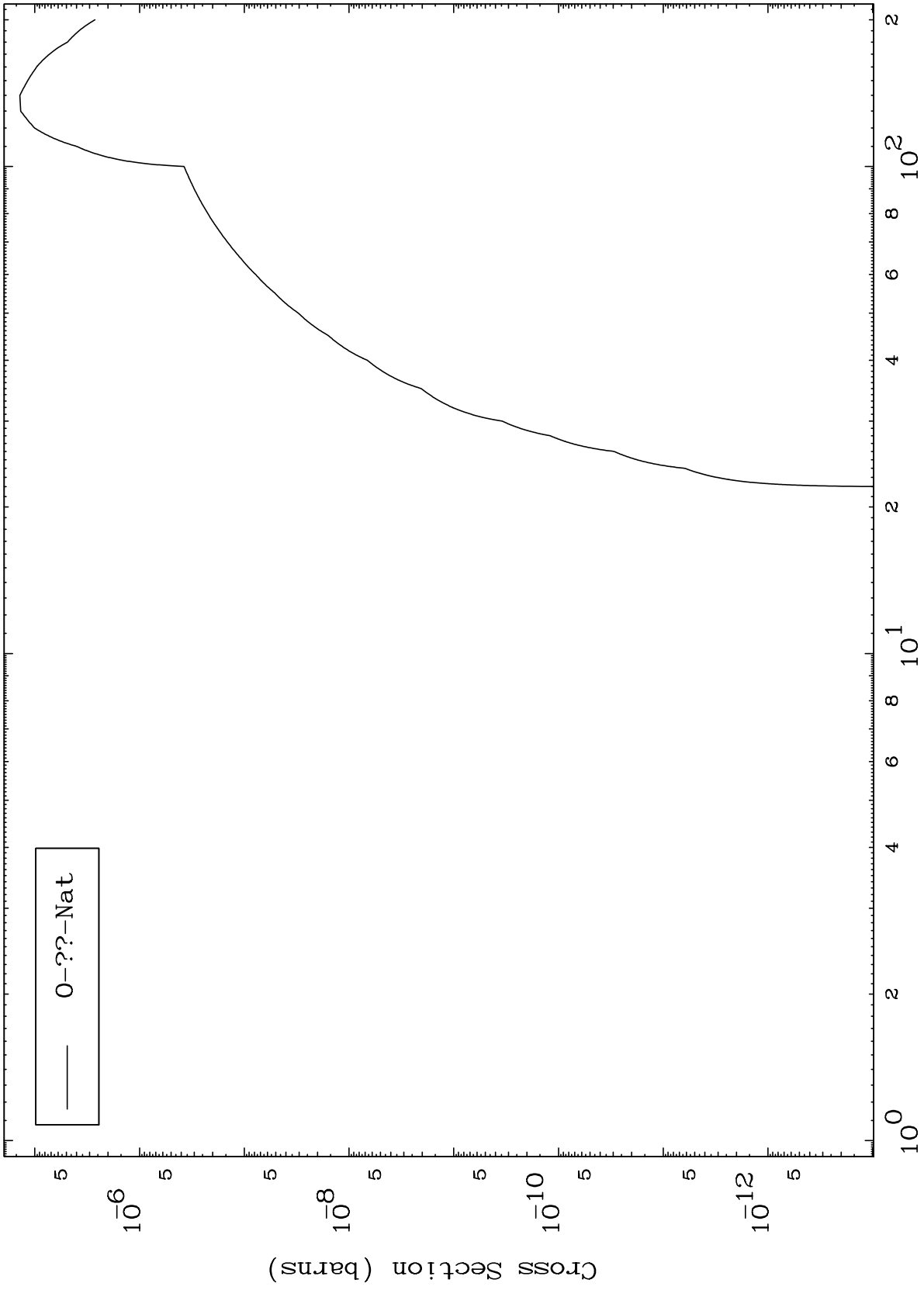
11

<sup>79</sup>Au-190

MAT 7904

Photon Fission  
Radionuclide Production Cross Section

<sup>79</sup>Au-190



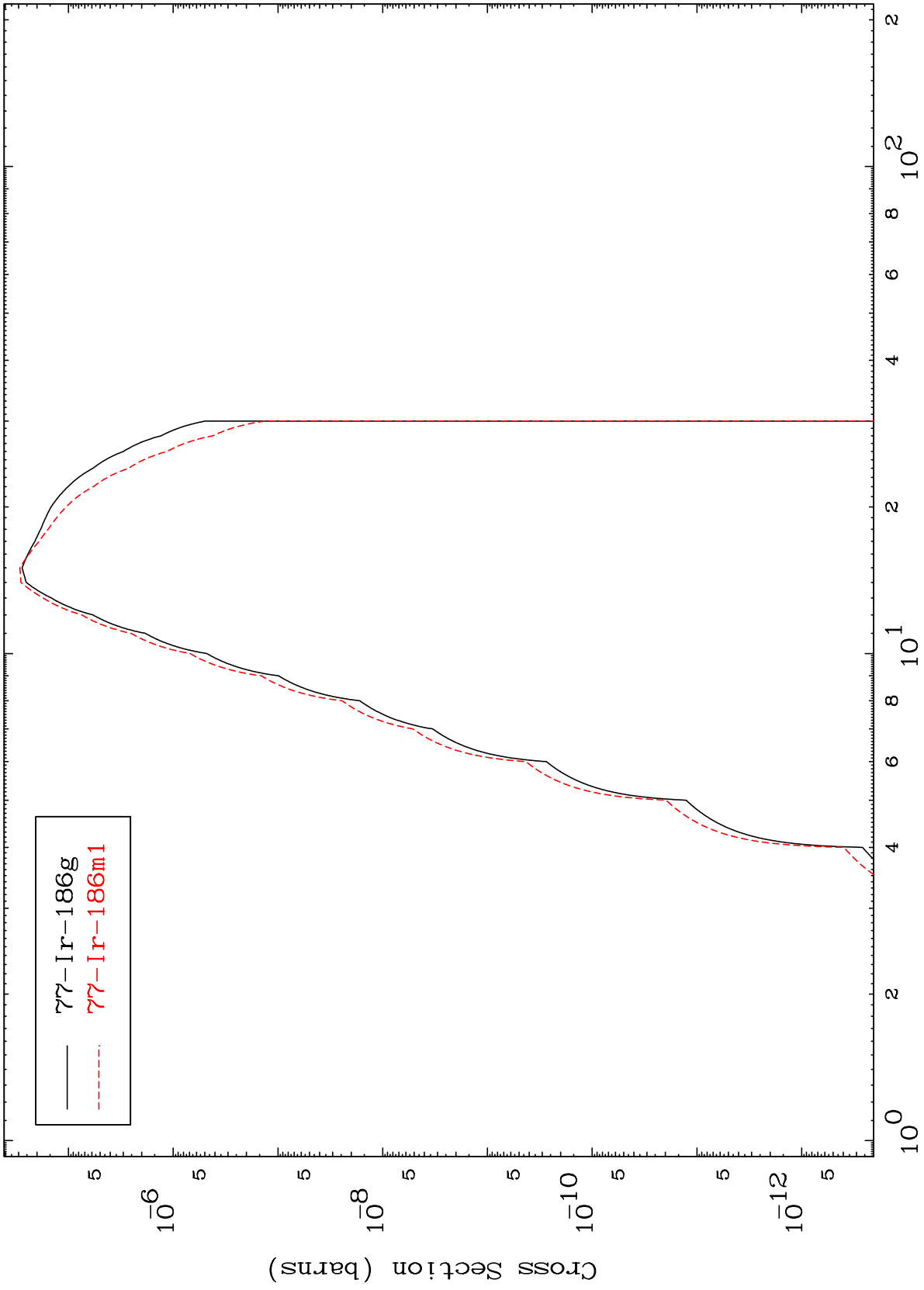
Incident Energy (MeV)

<sup>79</sup>Au-190

MAT 7904

79-Au-190

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



13

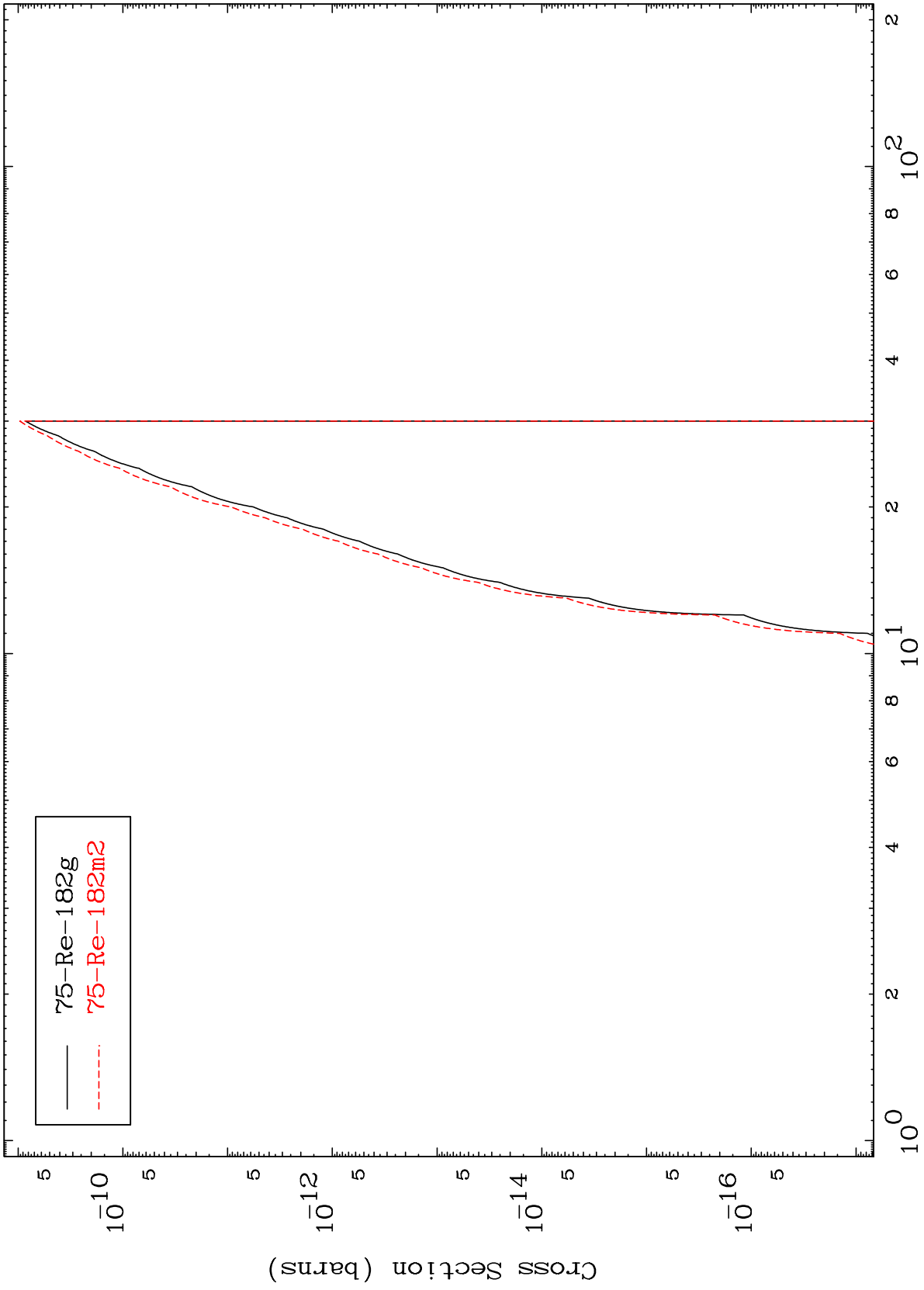
Incident Energy (MeV)

79-Au-190

MAT 7904

79-Au-190

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



79-Au-190

Incident Energy (MeV)

14