

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

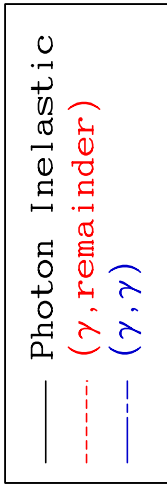
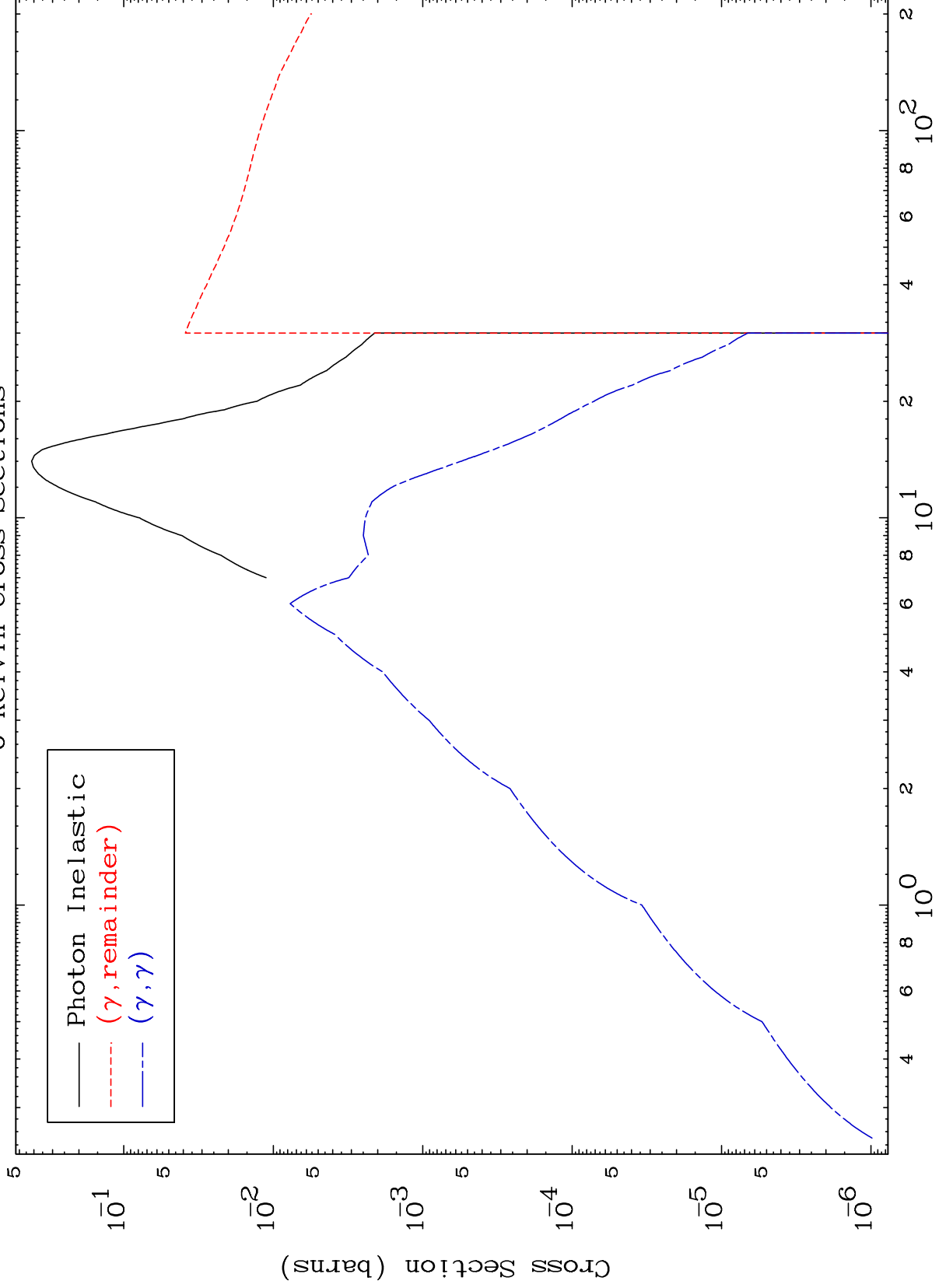
Press Mouse Button to Start

MAT 7722

Photon Major

77-Ir-190

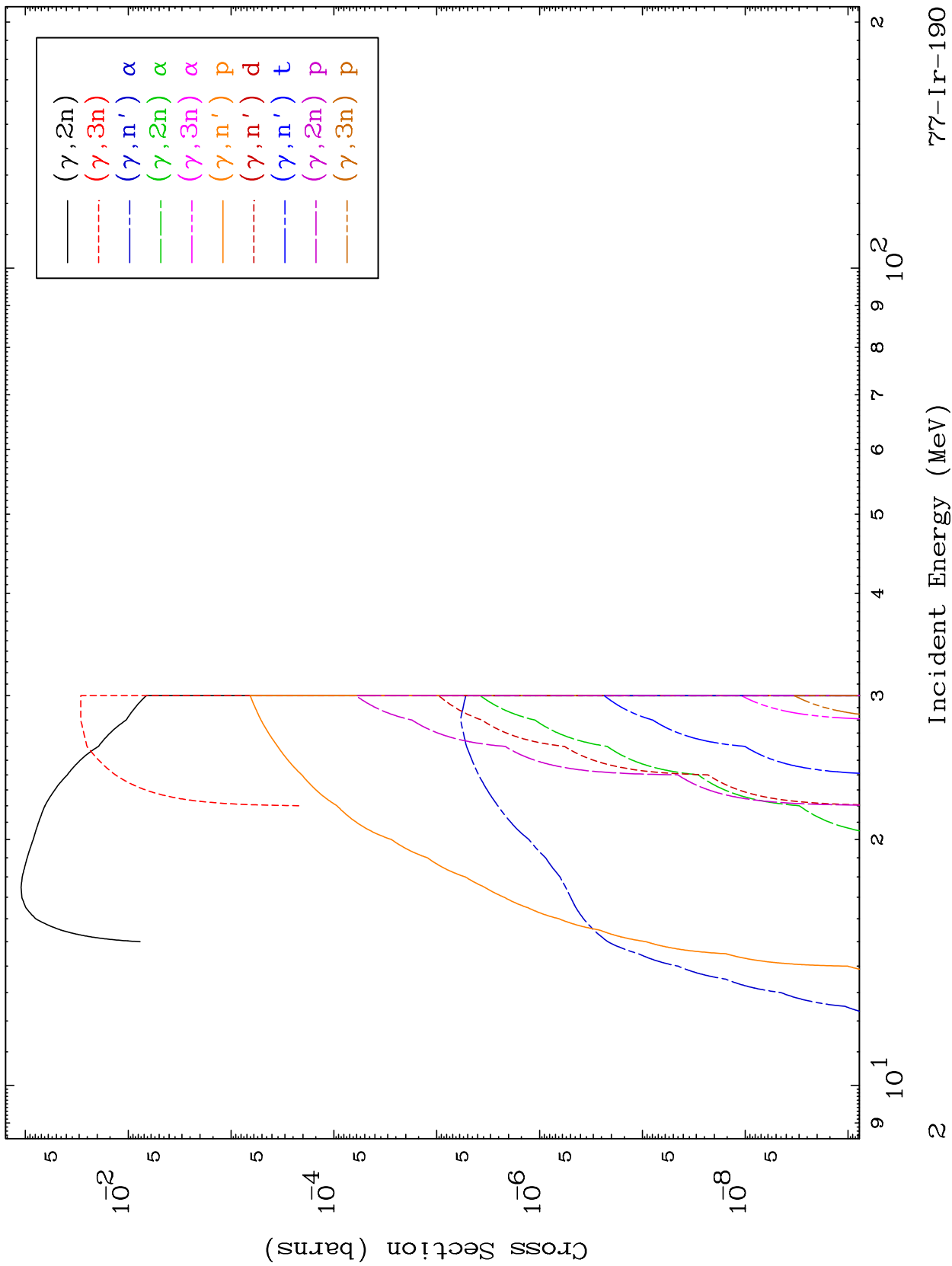
0 Kelvin Cross Sections



Incident Energy (MeV)

77-Ir-190

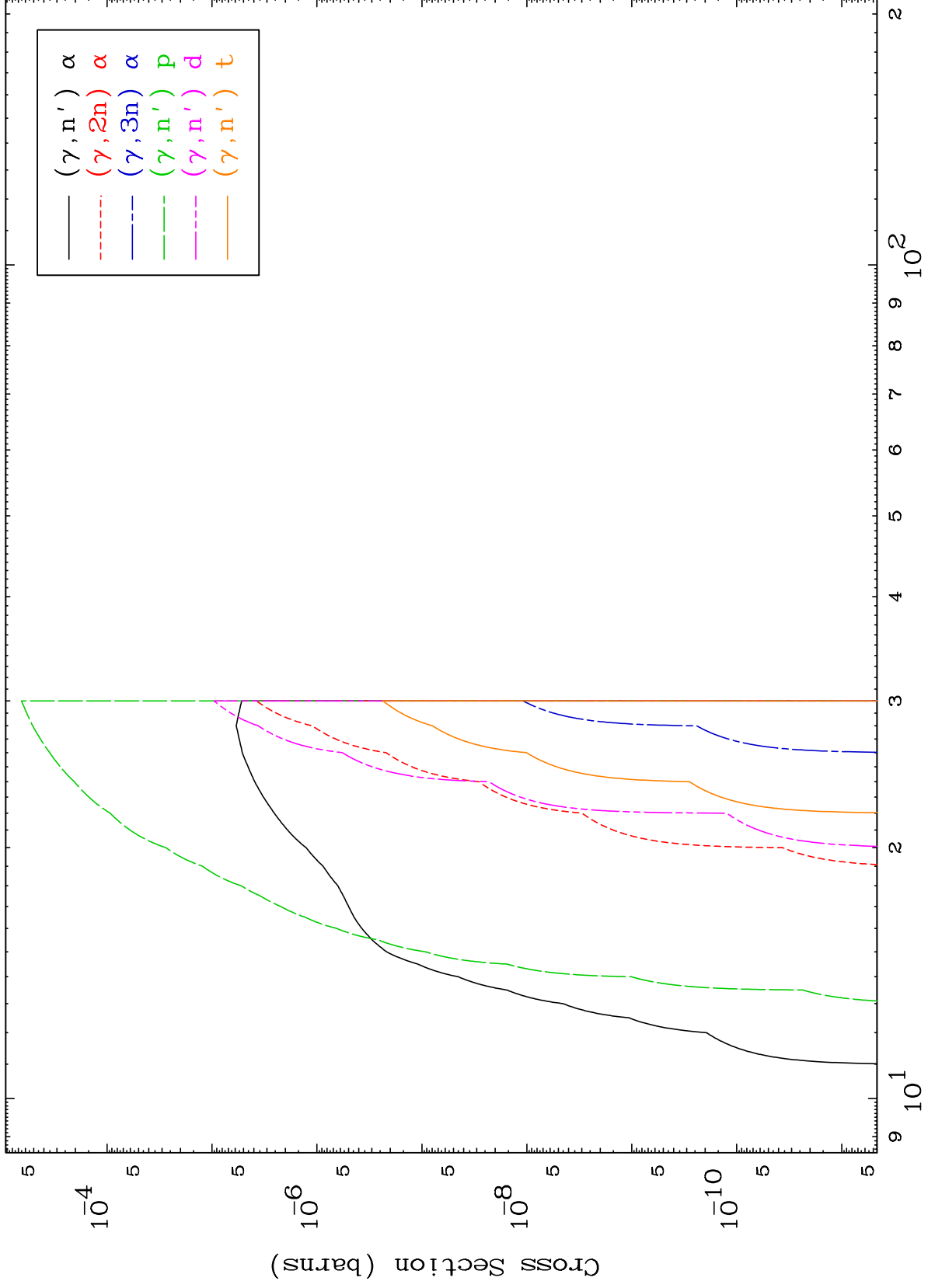
1



MAT 7722

Photon Charged Particle  
0 Kelvin Cross Sections

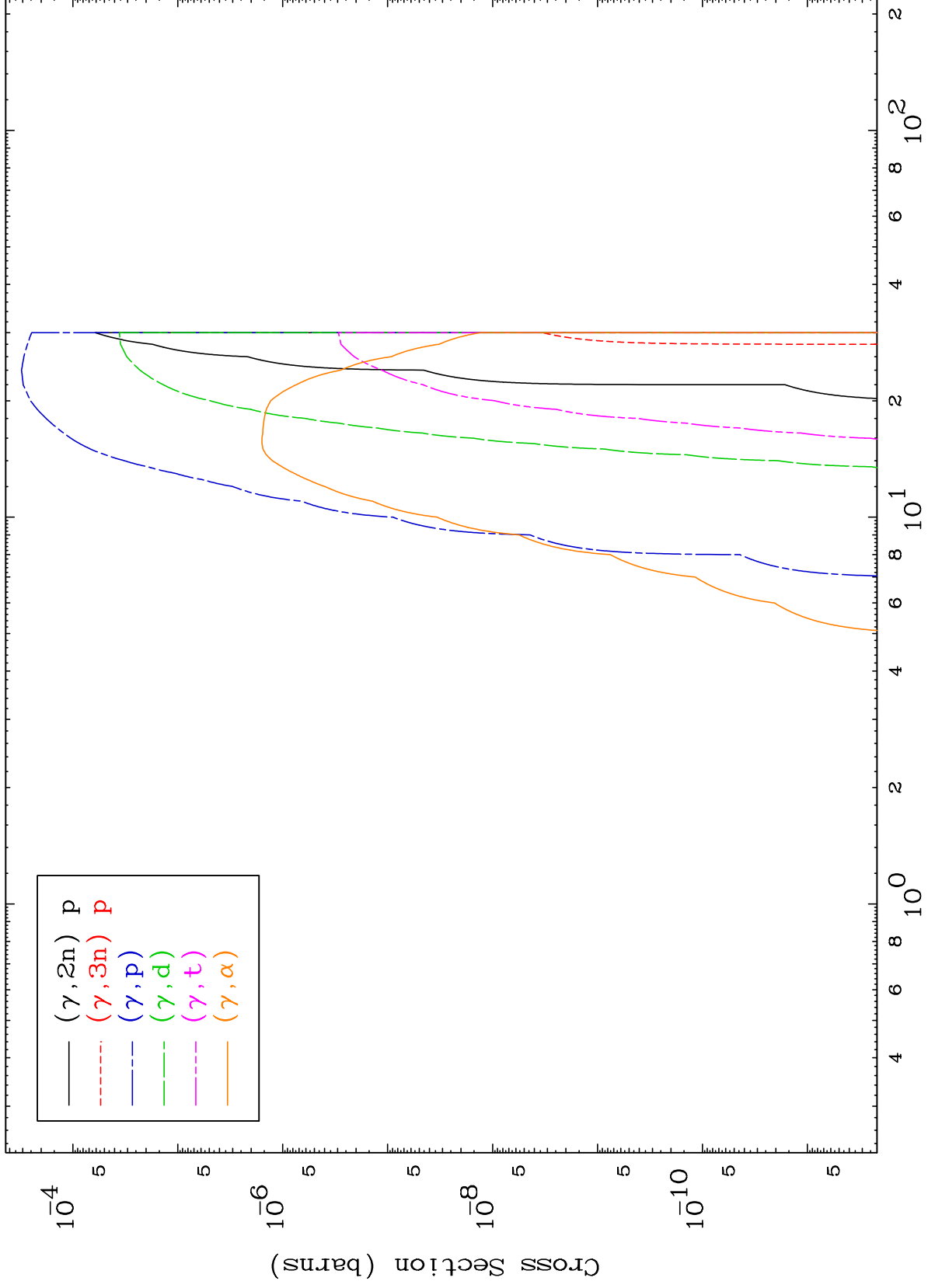
77-Ir-190



Incident Energy (MeV)

77-Ir-190

3

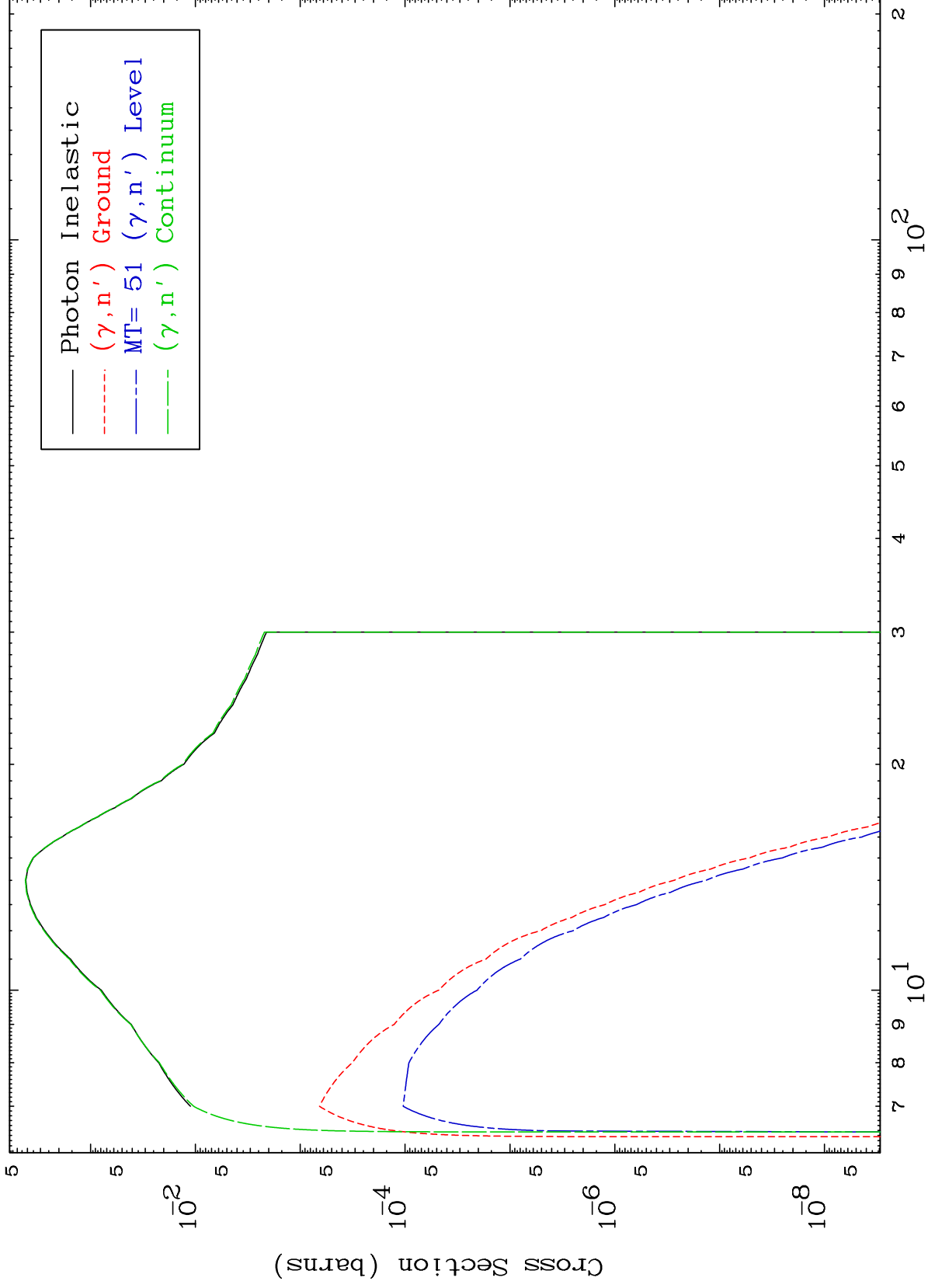


MAT 7722

( $\gamma, n'$ ) Level

77-Ir-190

0 Kelvin Cross Sections



Incident Energy (MeV)

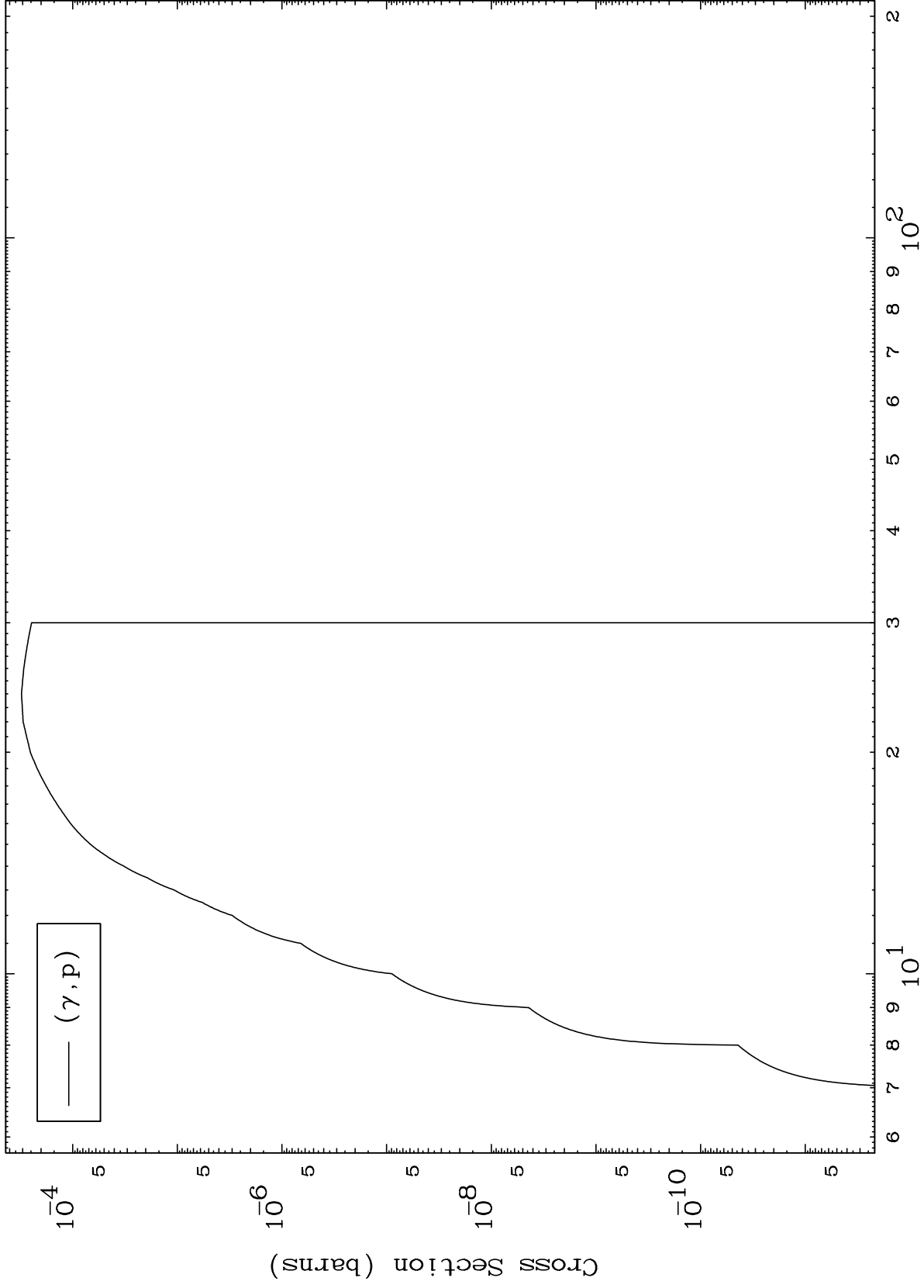
77-Ir-190

5

MAT 7722

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

77-Ir-190



6

Incident Energy (MeV)

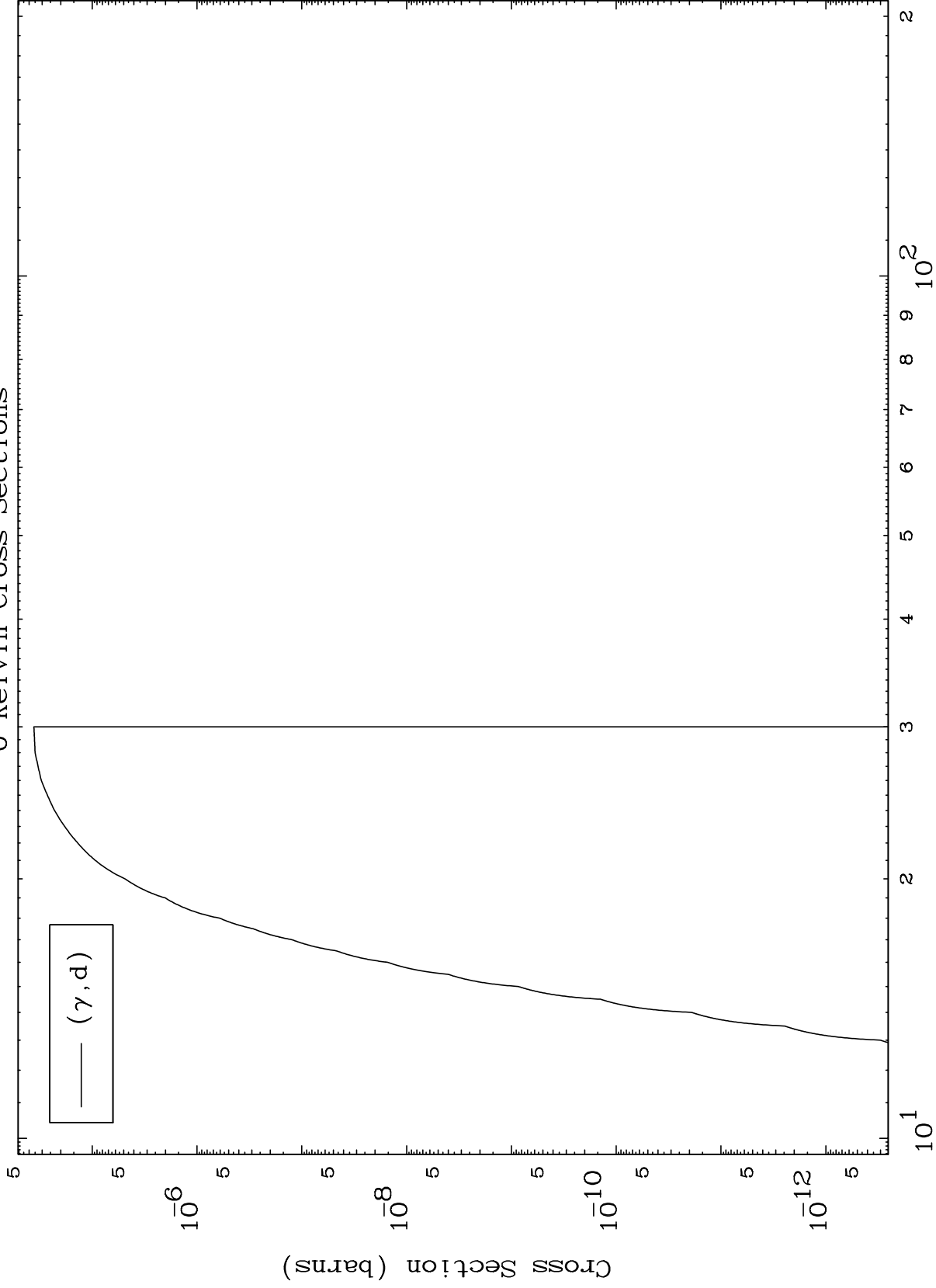
77-Ir-190

MAT 7722

( $\gamma, d$ ) Levels

77-Ir-190

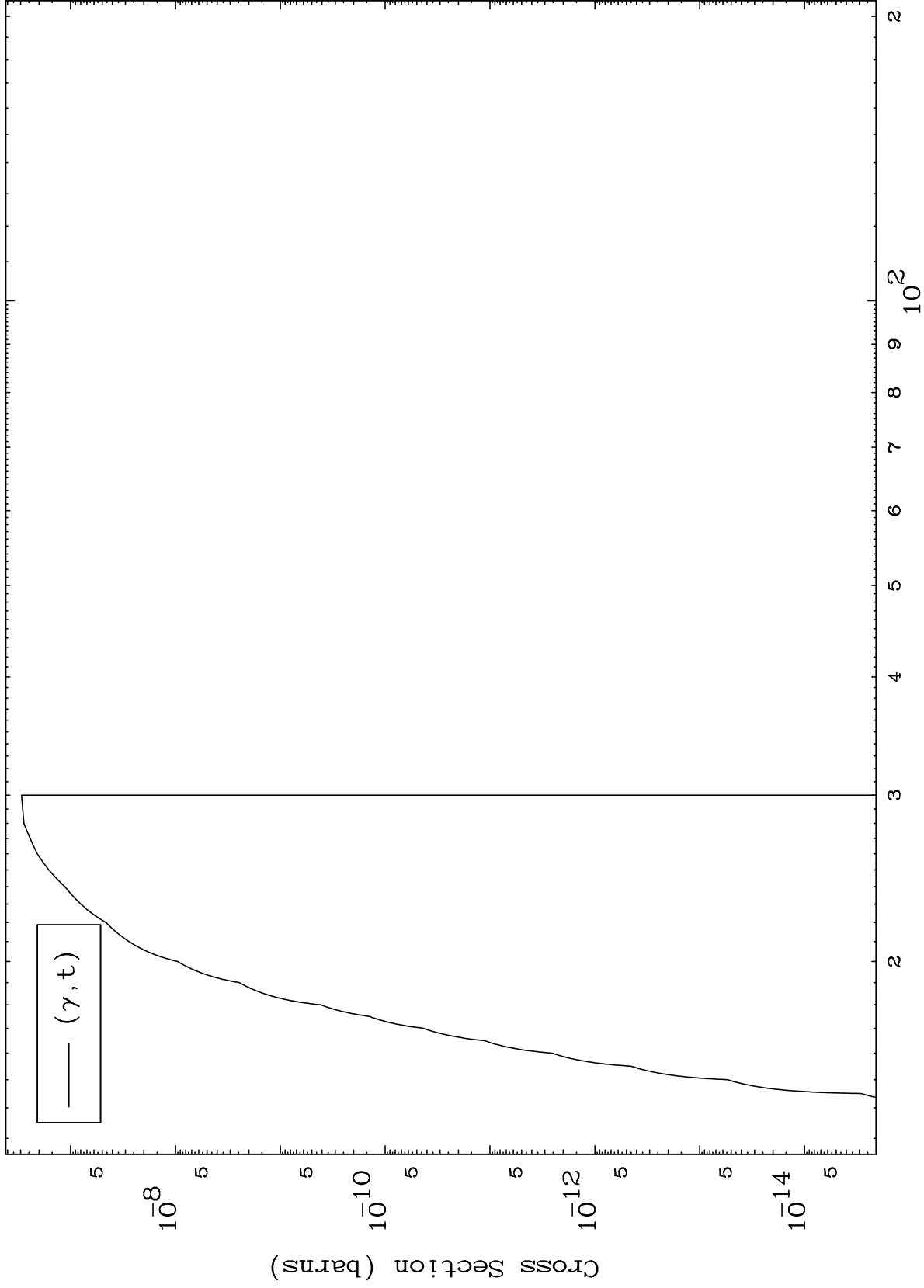
0 Kelvin Cross Sections



Incident Energy (MeV)

77-Ir-190



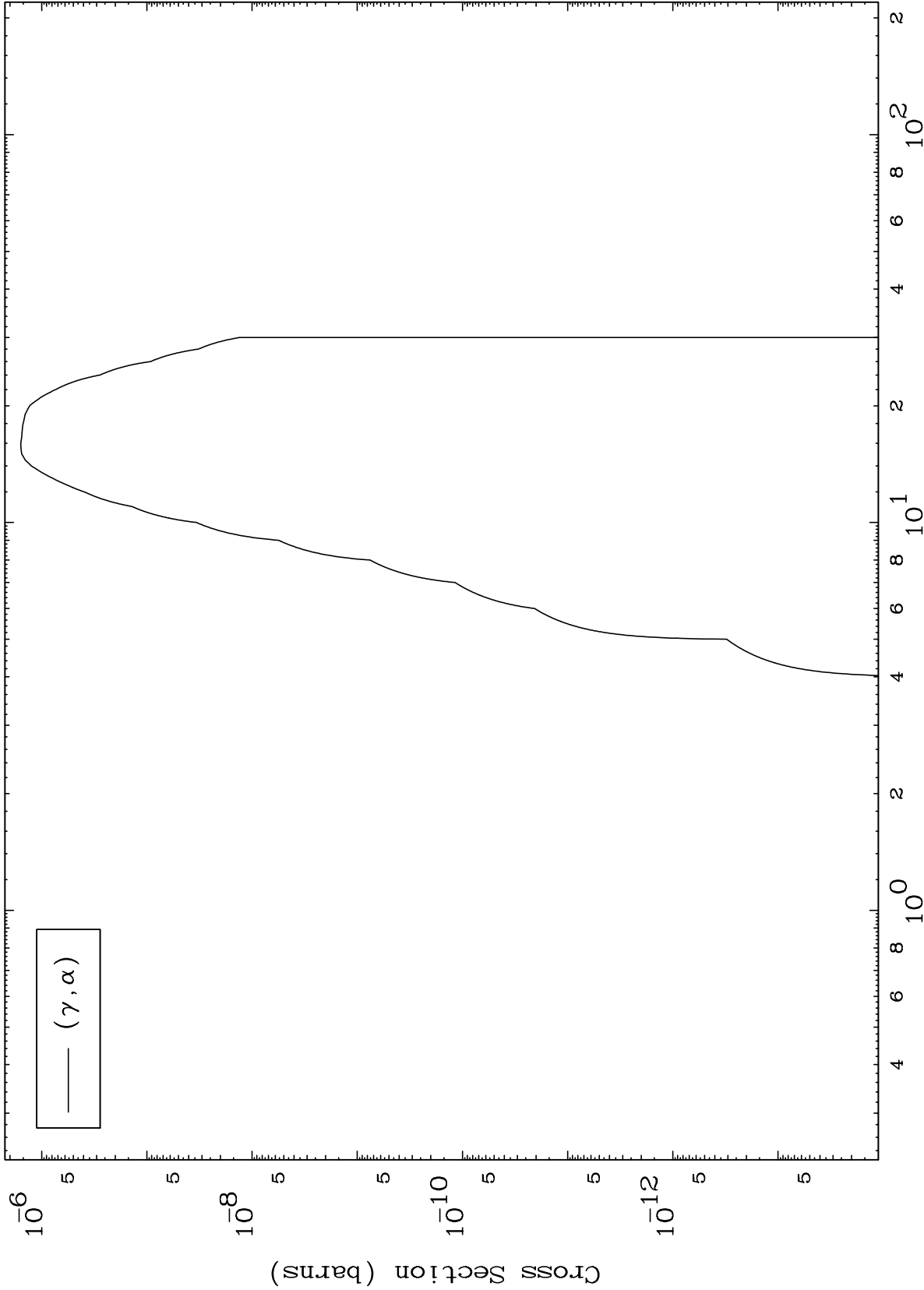


MAT 7722

( $\gamma, \alpha$ ) Levels

77-Ir-190

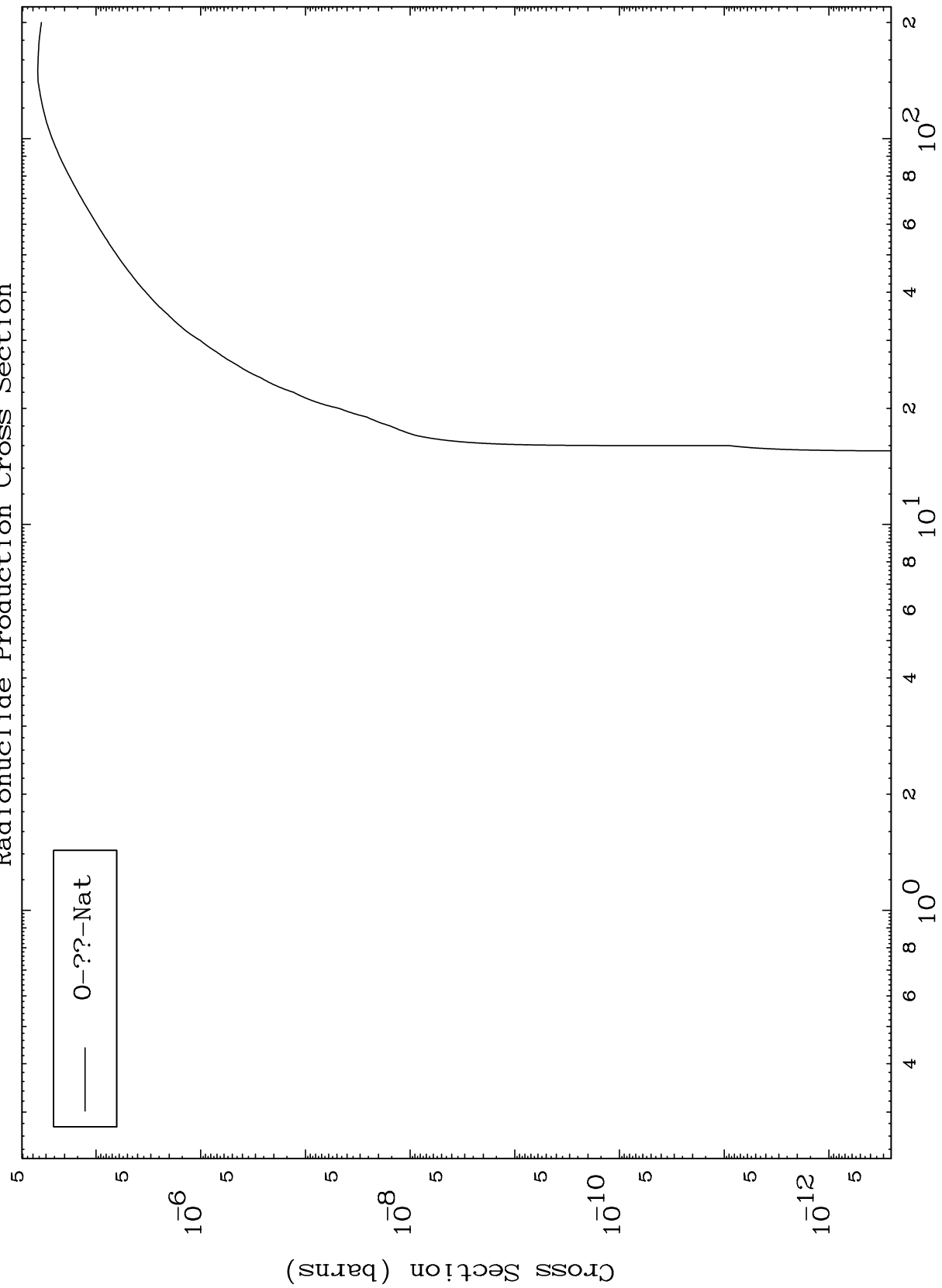
0 Kelvin Cross Sections



MAT 7722

Photon Fission  
Radionuclide Production Cross Section

<sup>77</sup>Ir-190



10

Incident Energy (MeV)

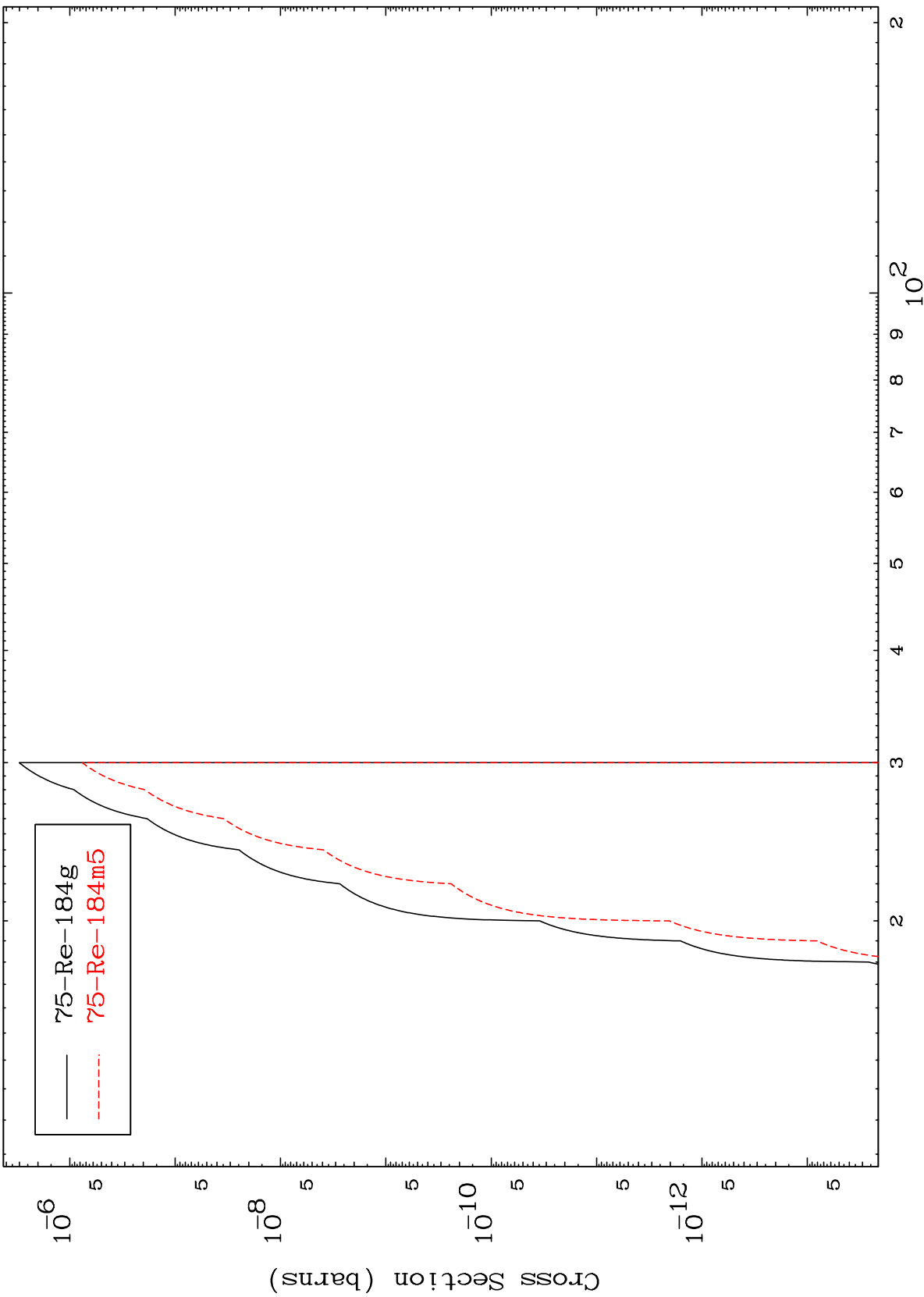
<sup>77</sup>Ir-190

MAT 7722

$(\gamma, 2n) \alpha$

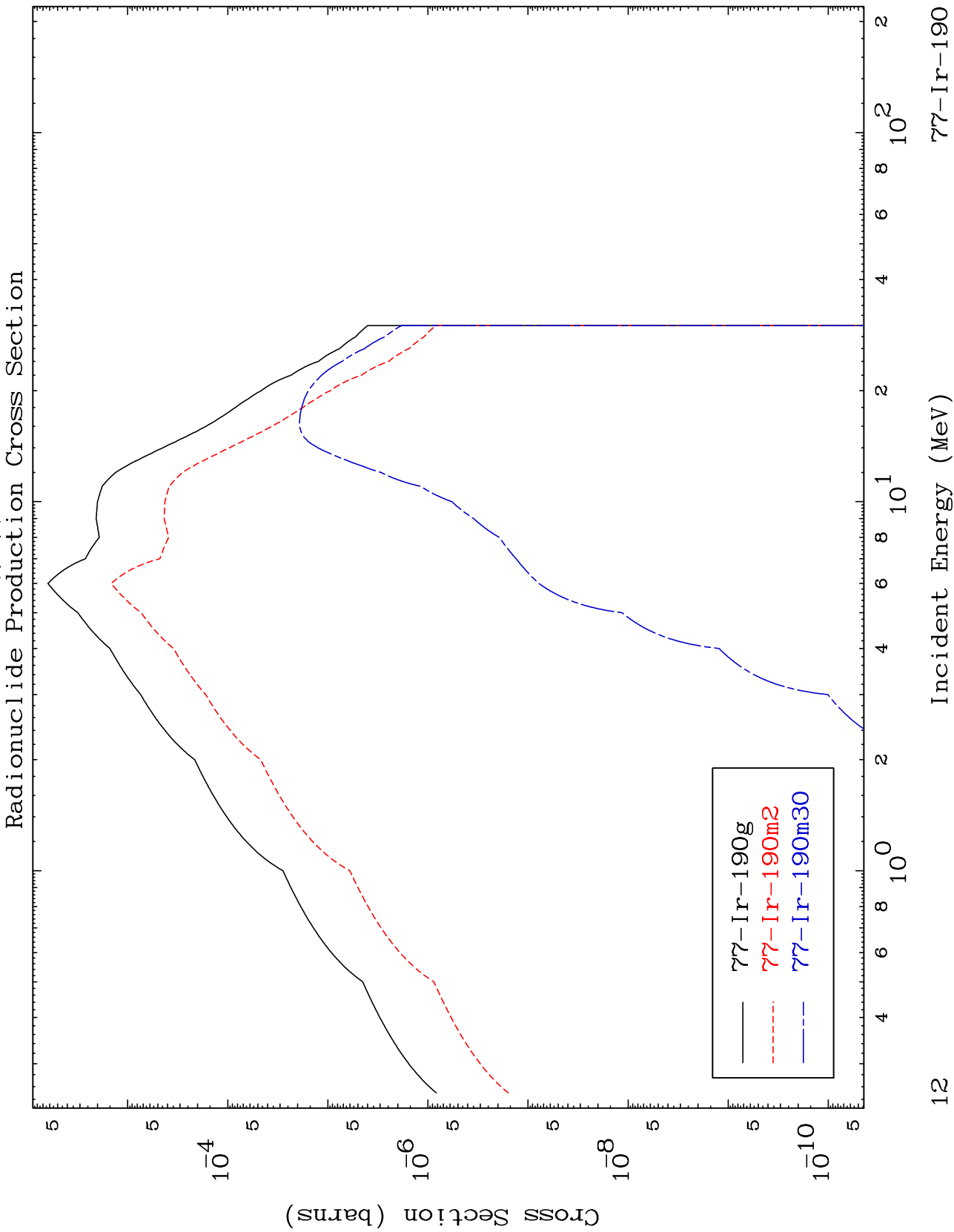
$^{77}\text{Ir-190}$

Radionuclide Production Cross Section



MAT 7722

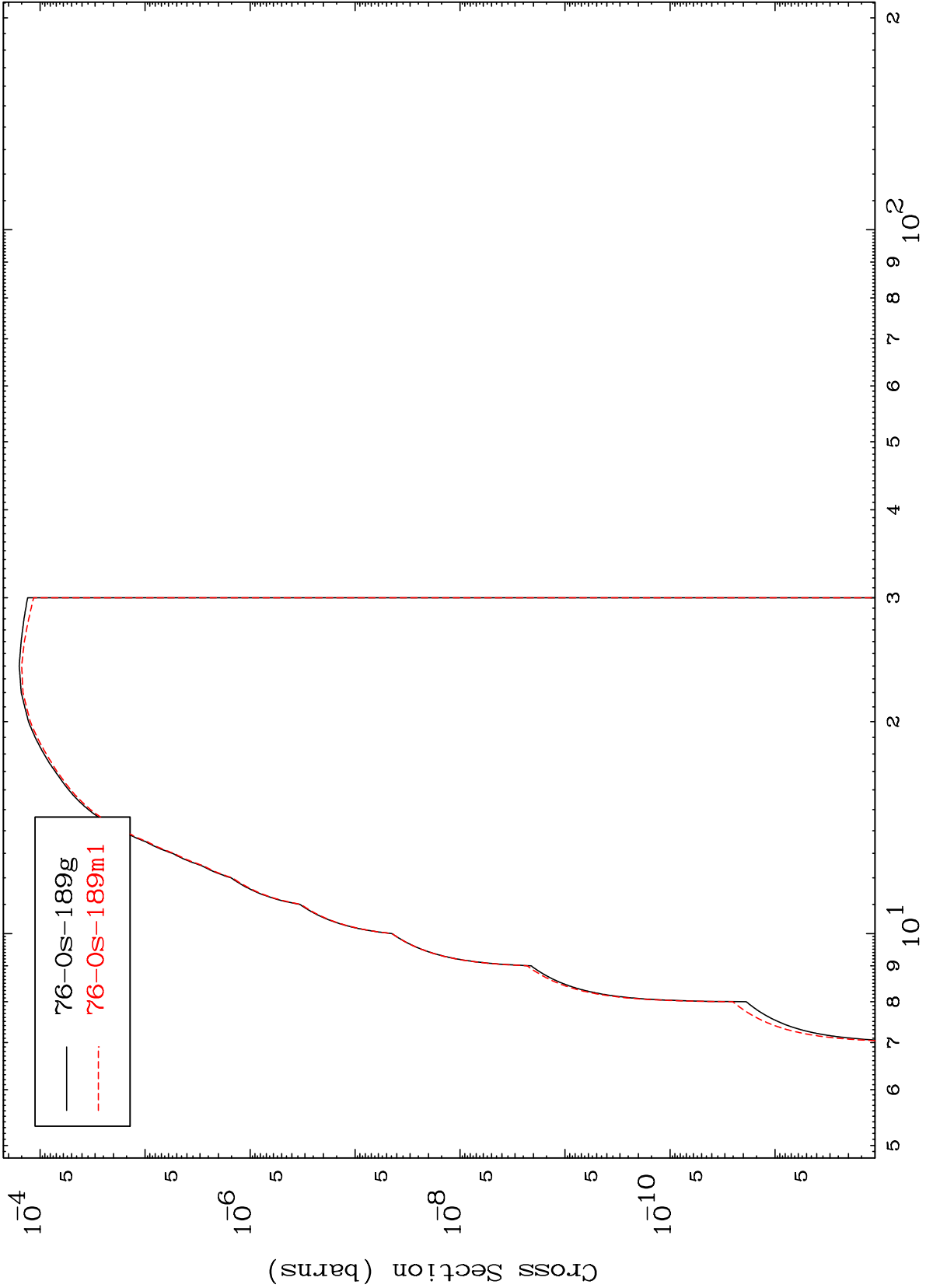
<sup>77</sup>Ir-190



MAT 7722

<sup>77</sup>Ir-190

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



13

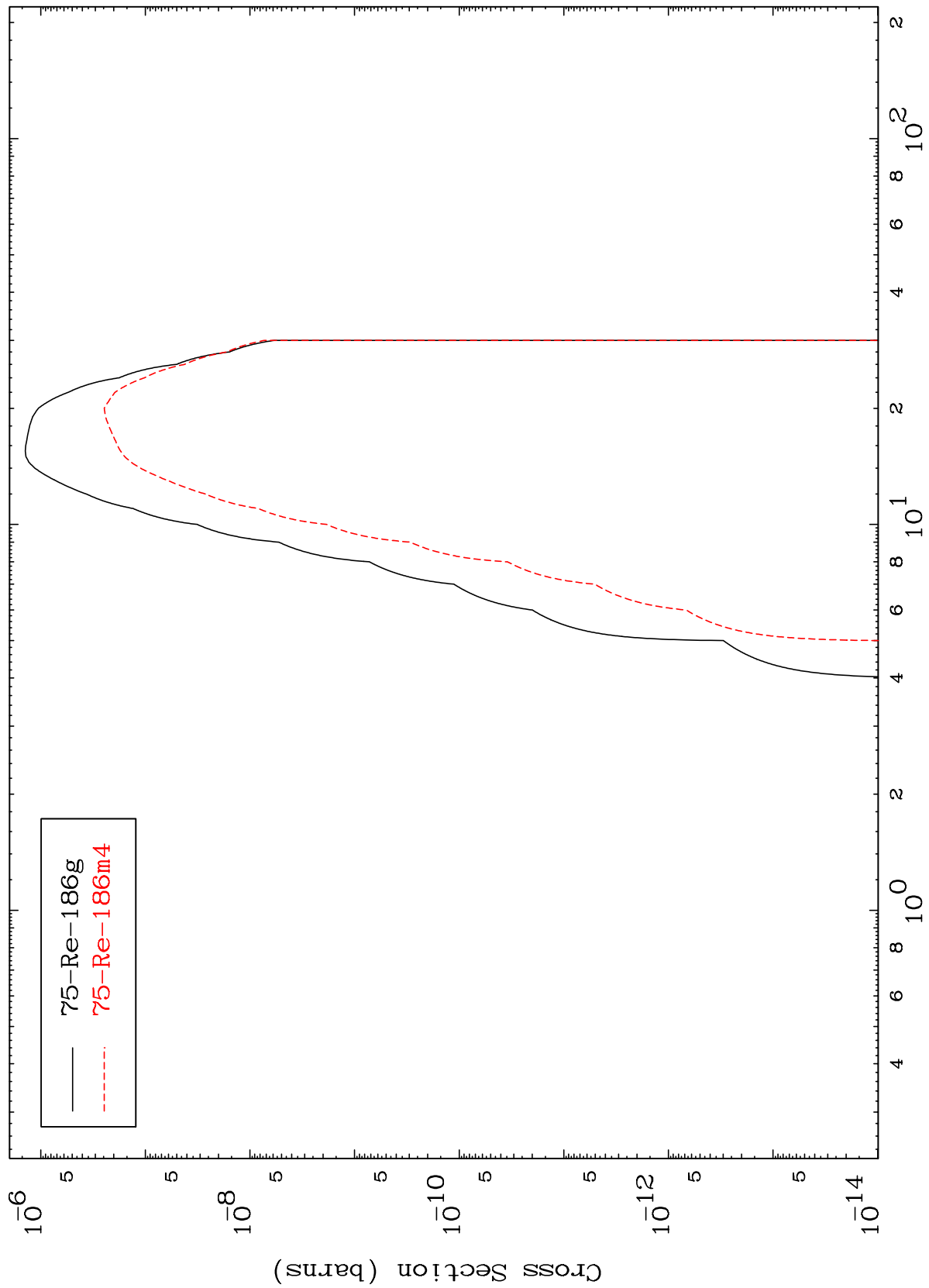
Incident Energy (MeV)

<sup>77</sup>Ir-190

MAT 7722

77-Ir-190

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



77-Ir-190

Incident Energy (MeV)

14