

Program EVALPLOT  
(Version 2017-1)

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

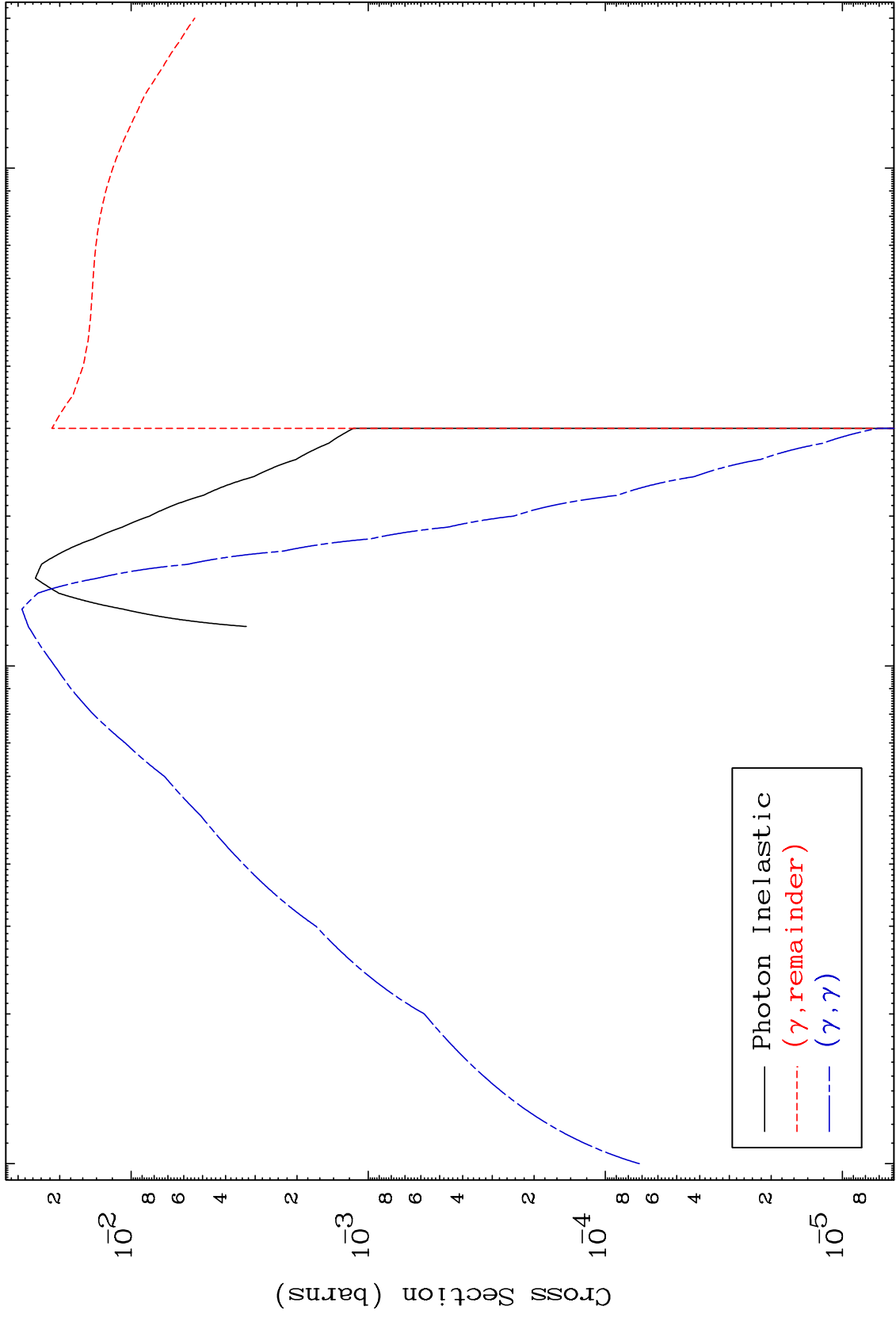
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7665

Photon Major  
0 Kelvin Cross Sections

<sup>77</sup>Ir-171



<sup>77</sup>Ir-171

Incident Energy (MeV)

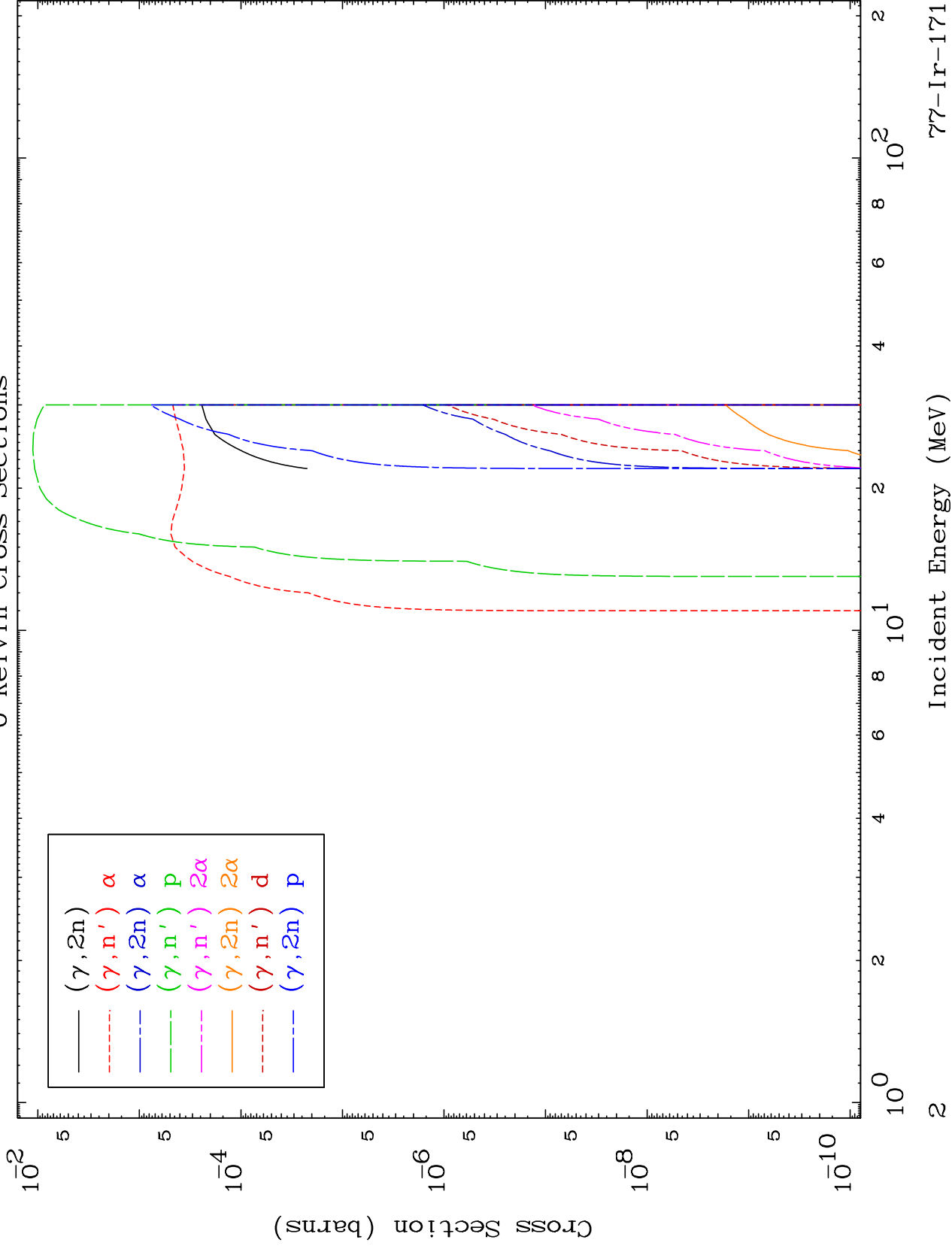
<sup>77</sup>Ir-171

1

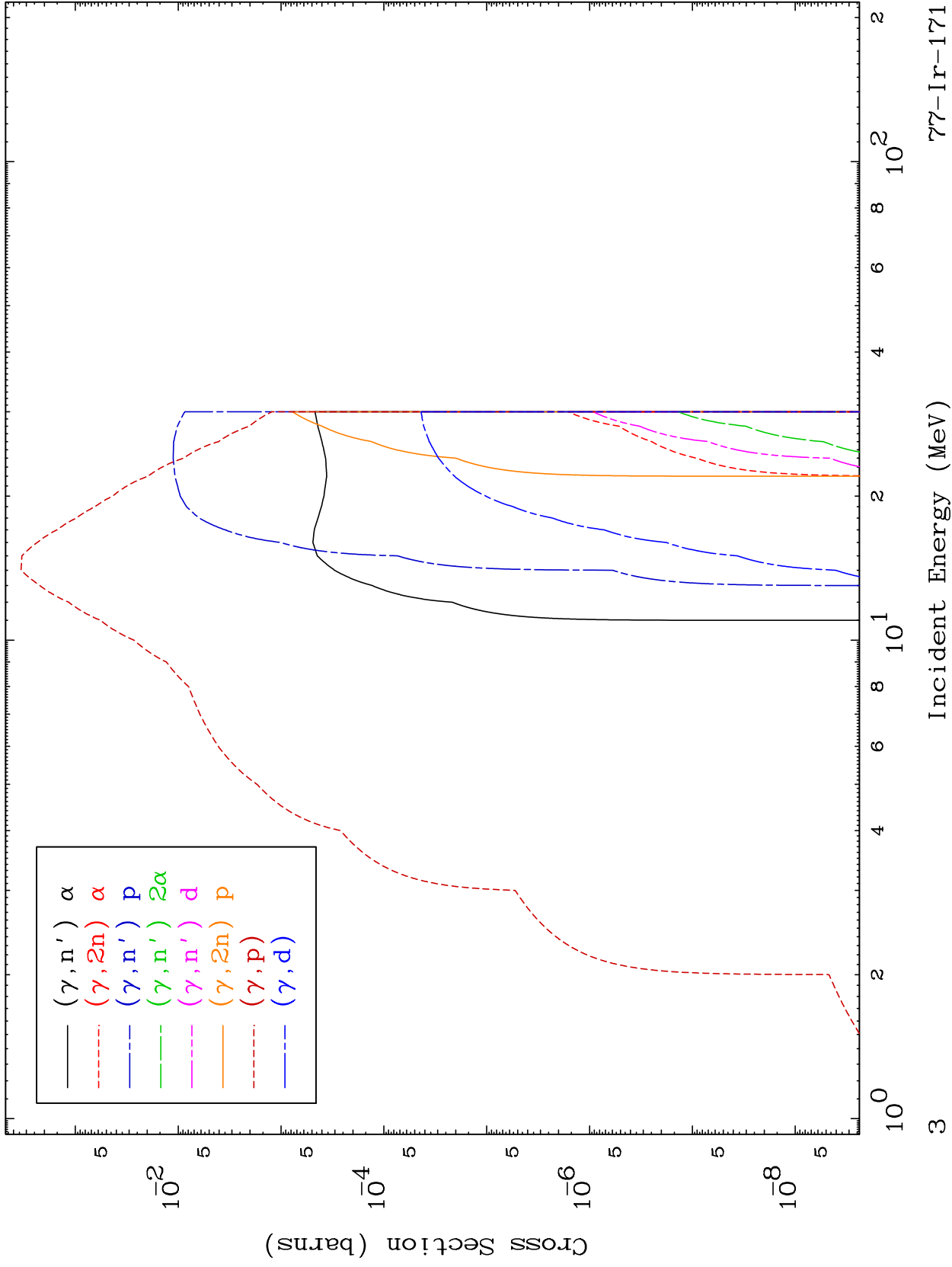
MAT 7665

Photon Neutron Production  
0 Kelvin Cross Sections

<sup>77</sup>Ir-171



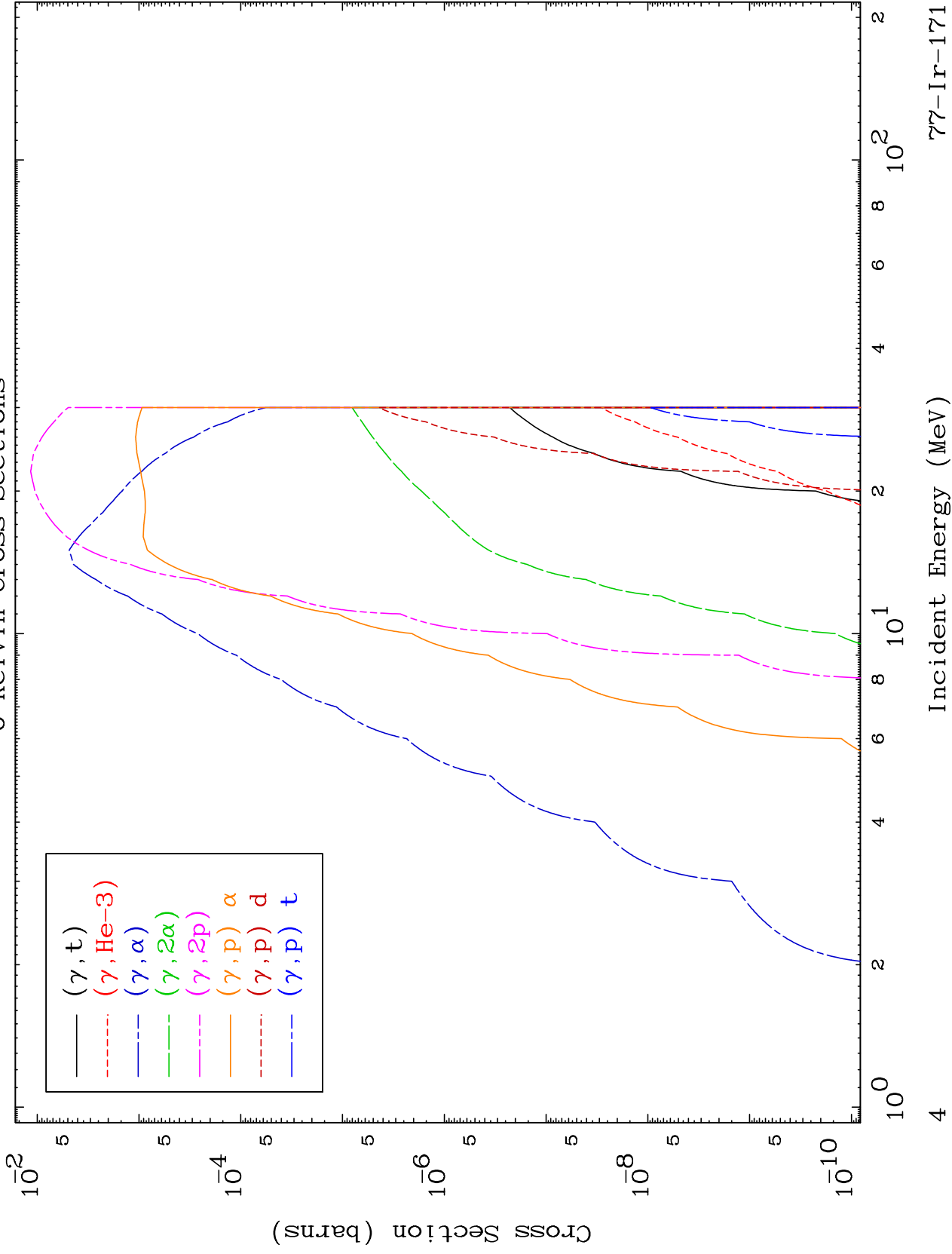
<sup>77</sup>Ir-171



MAT 7665

Photon Charged Particle  
0 Kelvin Cross Sections

77-Ir-171



77-Ir-171

Incident Energy (MeV)

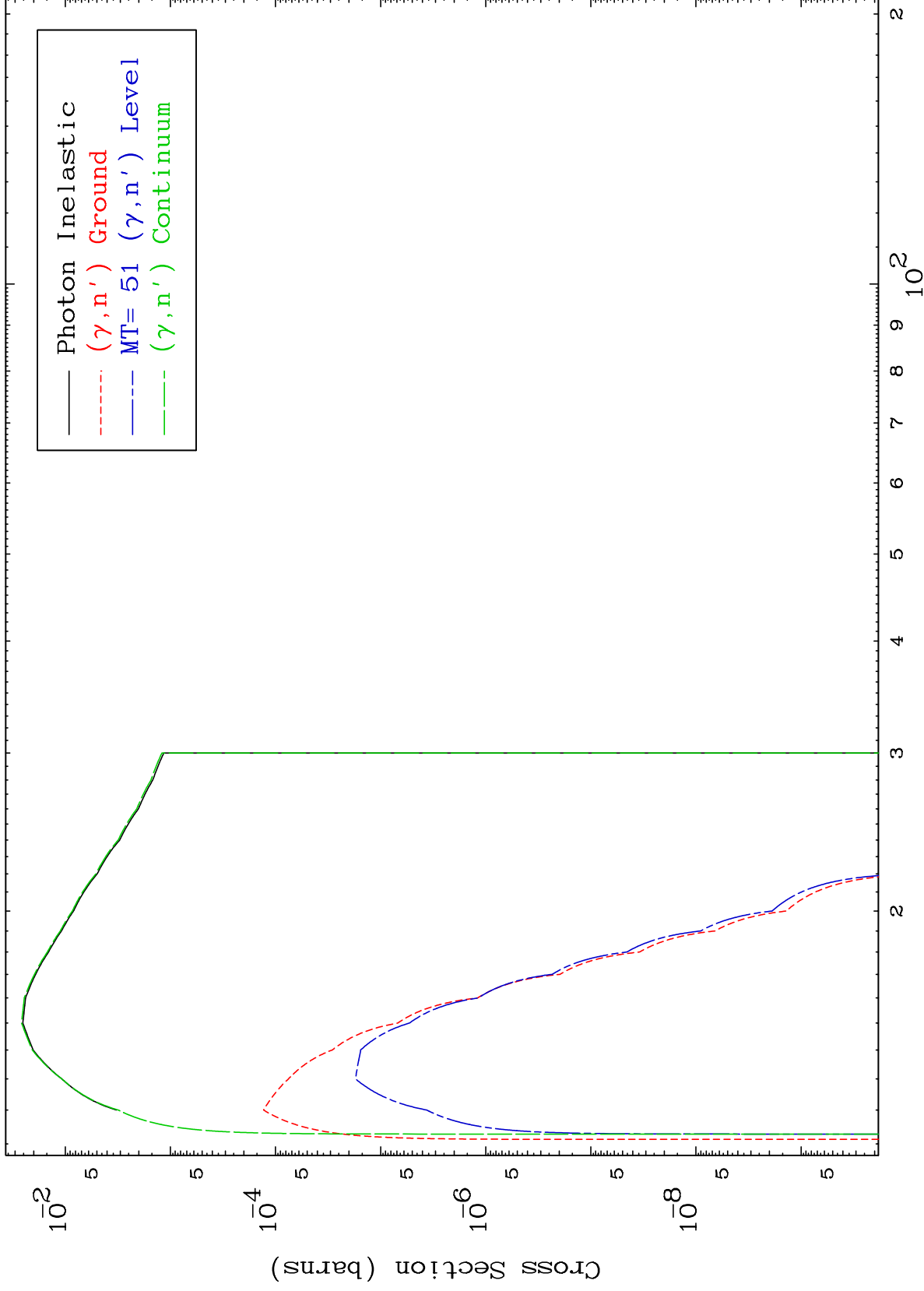
4

MAT 7665

( $\gamma, n'$ ) Level

77-Ir-171

0 Kelvin Cross Sections



Incident Energy (MeV)

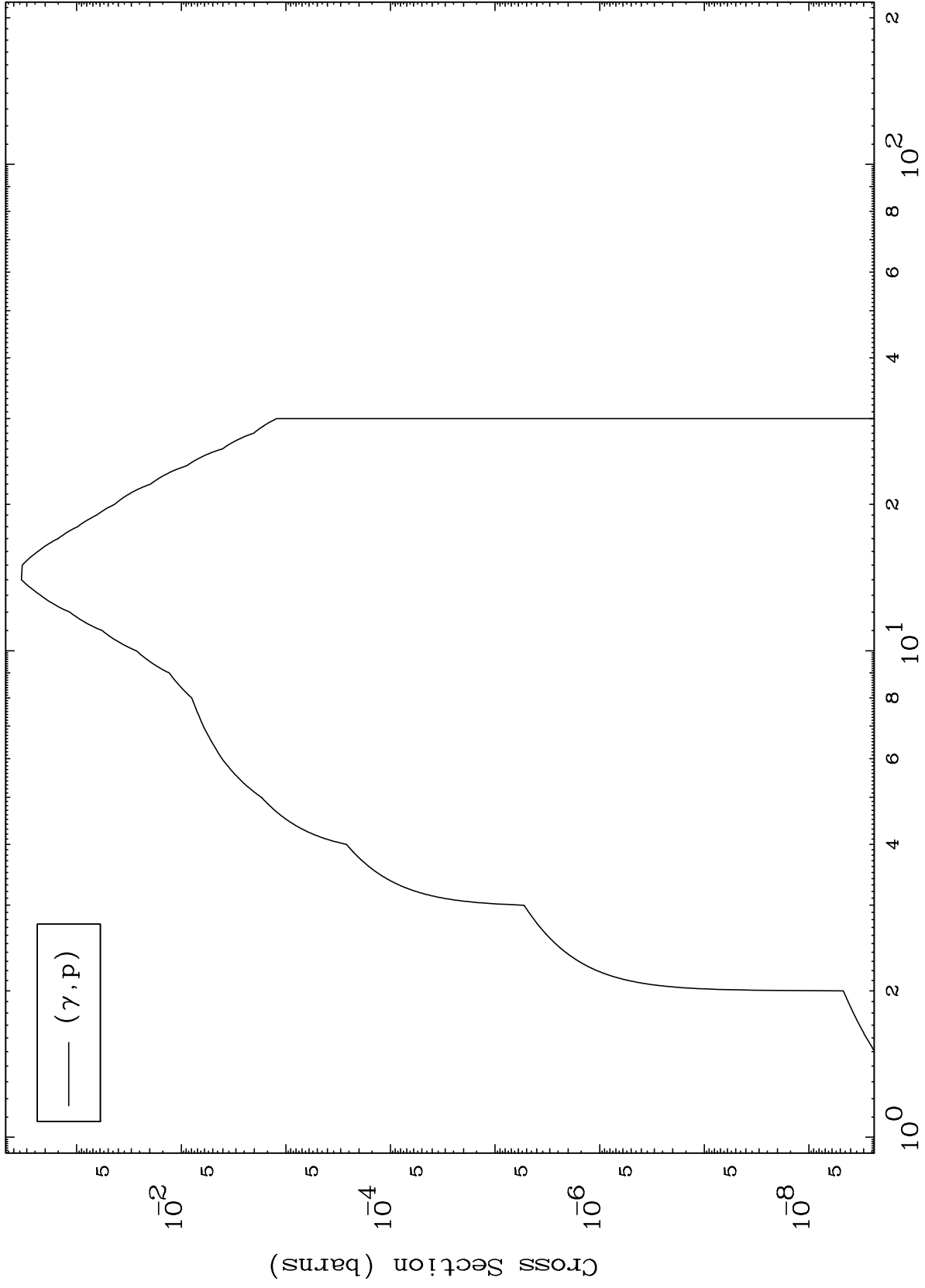
77-Ir-171

5

MAT 7665

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

77-Ir-171



Incident Energy (MeV)

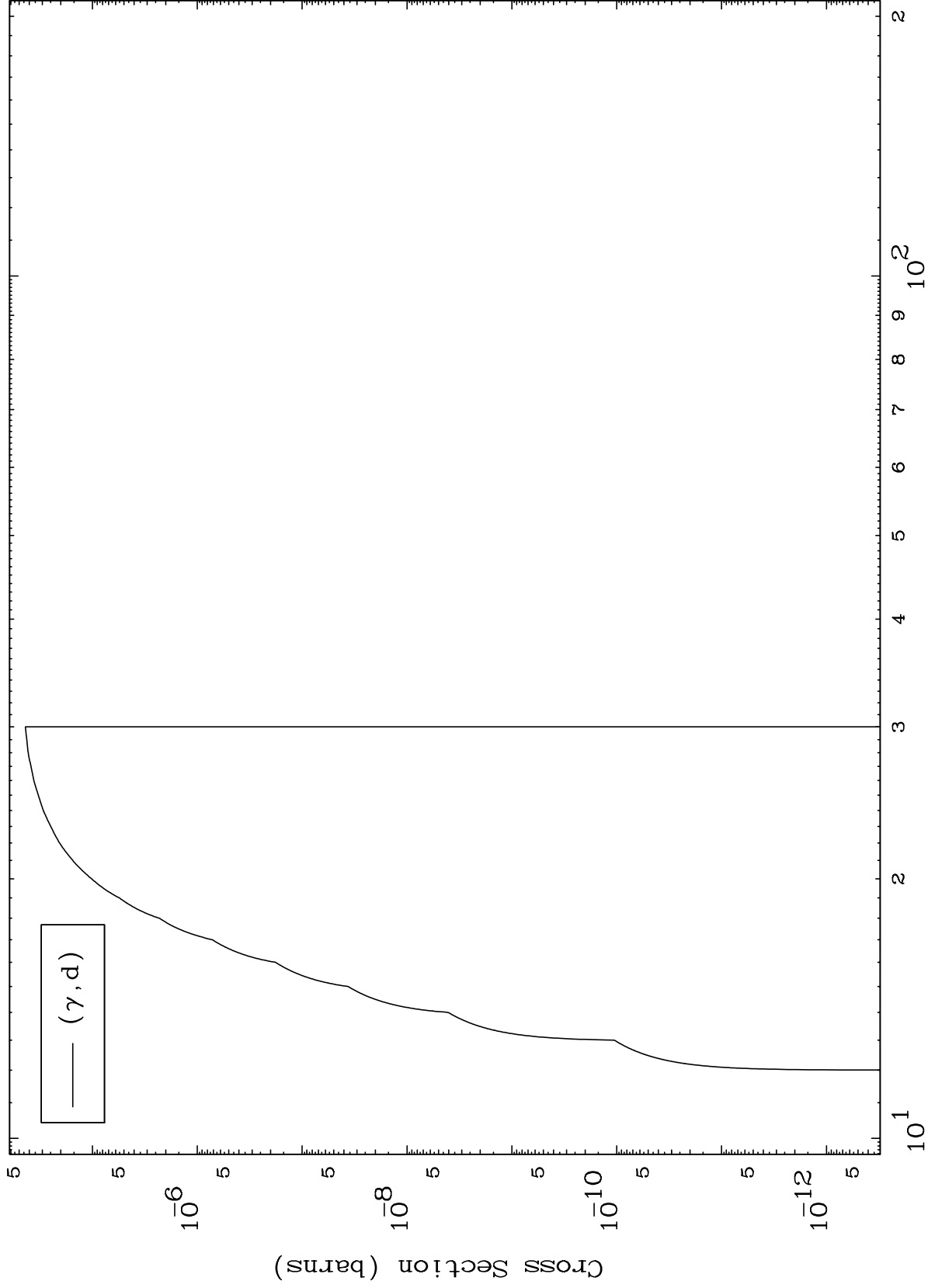
77-Ir-171

MAT 7665

( $\gamma, d$ ) Levels

<sup>77</sup>Ir-171

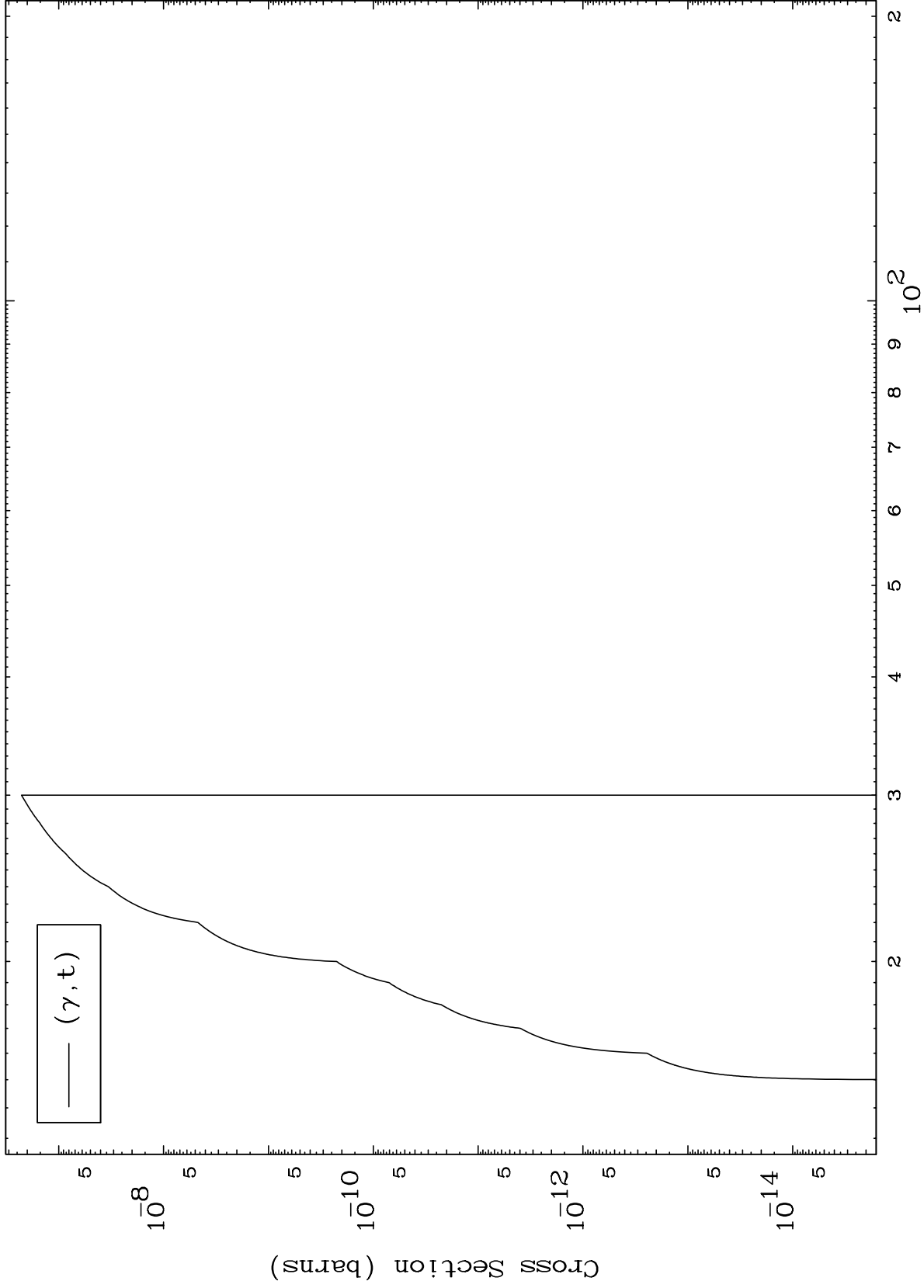
0 Kelvin Cross Sections

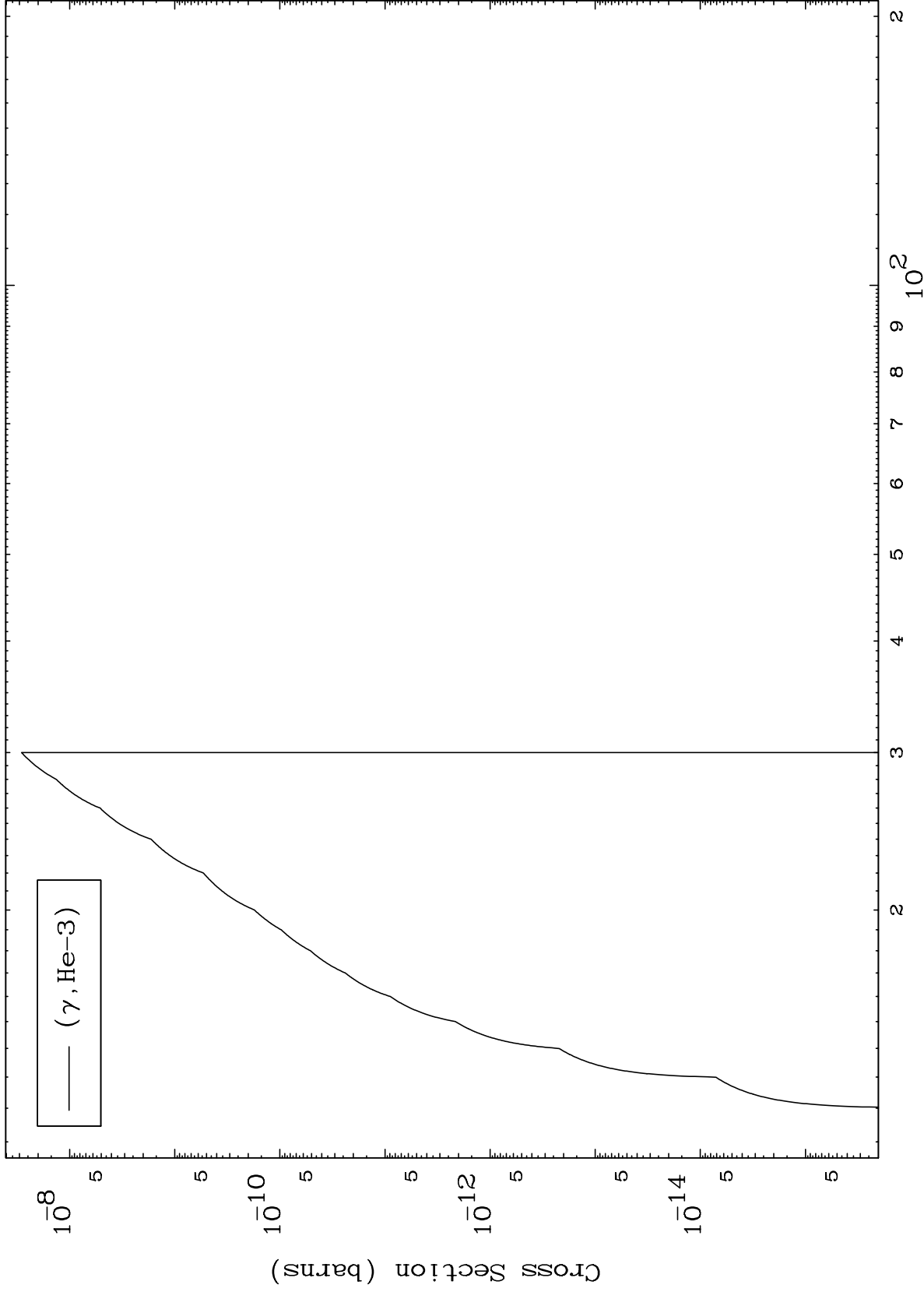


Incident Energy (MeV)

<sup>77</sup>Ir-171





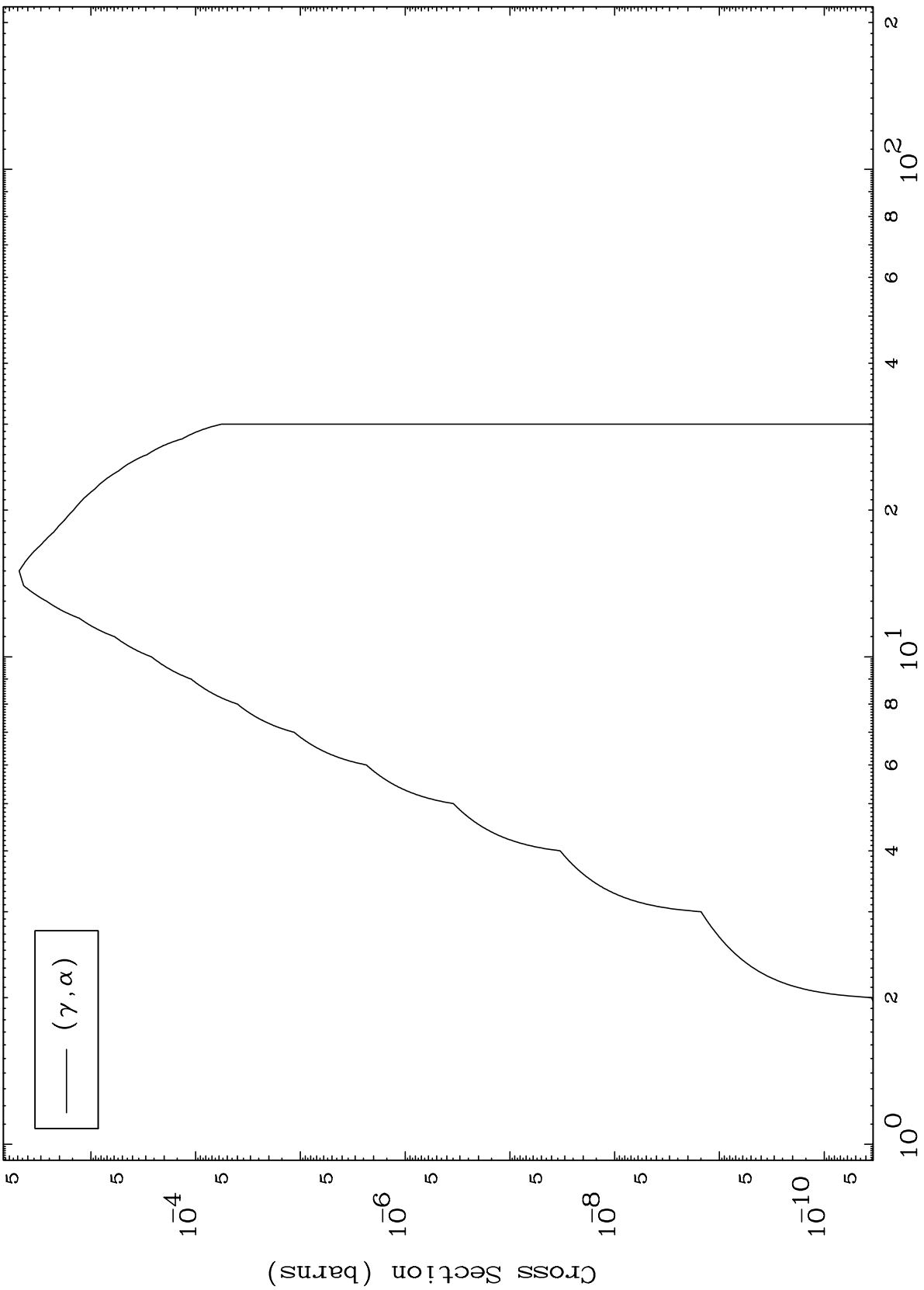


MAT 7665

( $\gamma, \alpha$ ) Levels

<sup>77</sup>Ir-171

0 Kelvin Cross Sections



( $\gamma, \alpha$ )

Incident Energy (MeV)

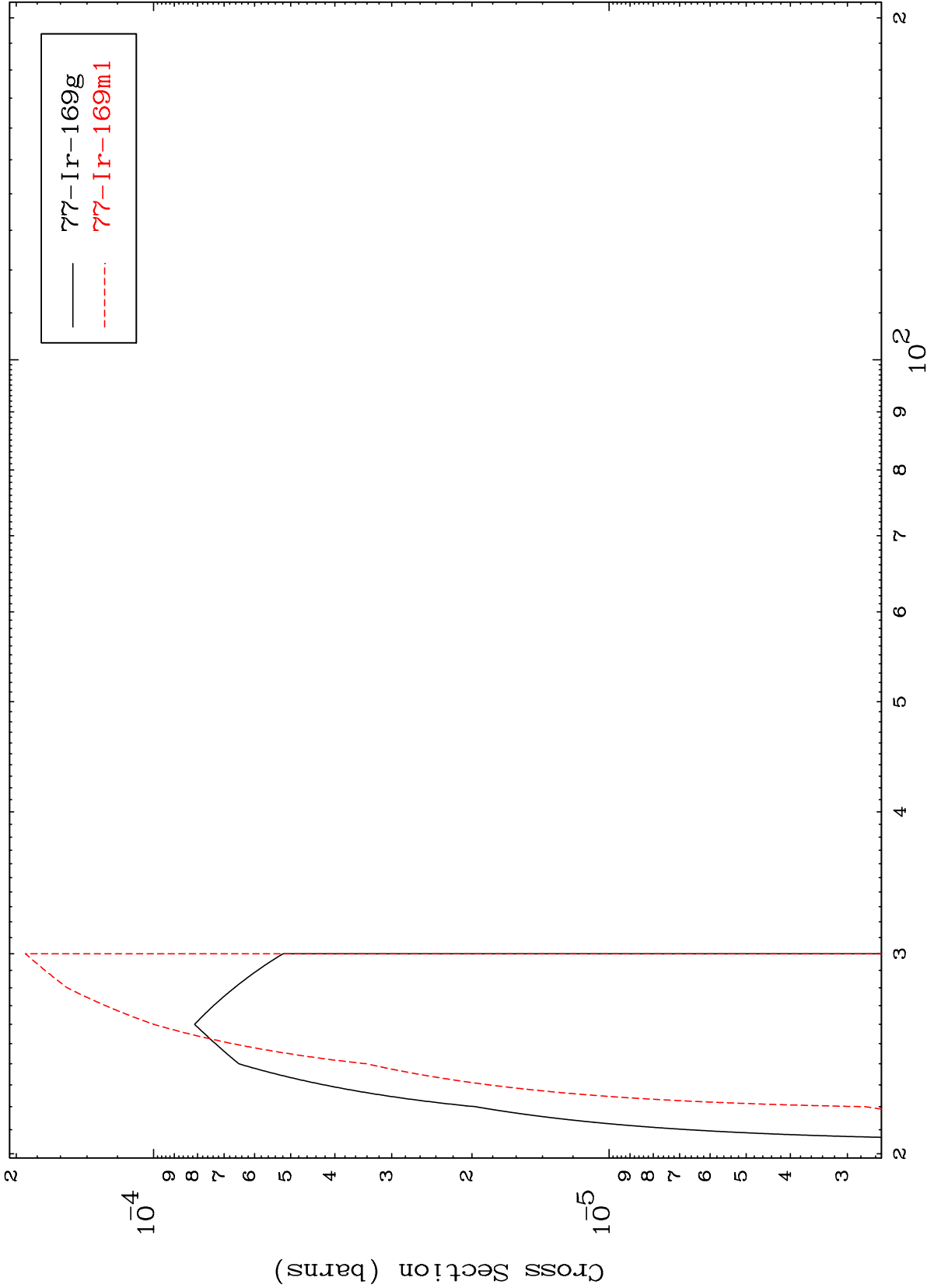
<sup>77</sup>Ir-171

MAT 7665

( $\gamma, 2n$ )

<sup>77</sup>Ir-171

Radionuclide Production Cross Section



11

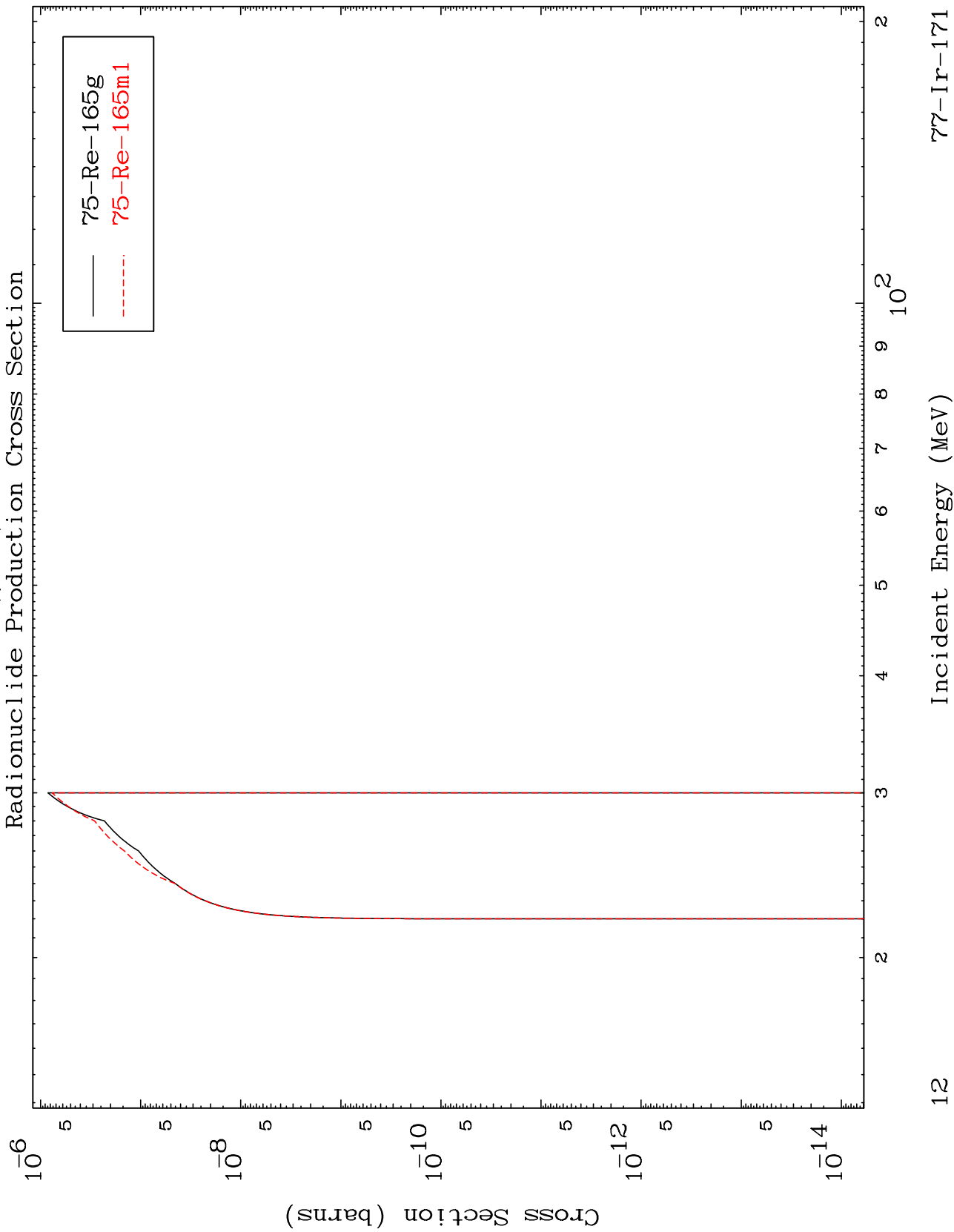
Incident Energy (MeV)

<sup>77</sup>Ir-171

MAT 7665

$(\gamma, 2n) \alpha$

77-Ir-171



12

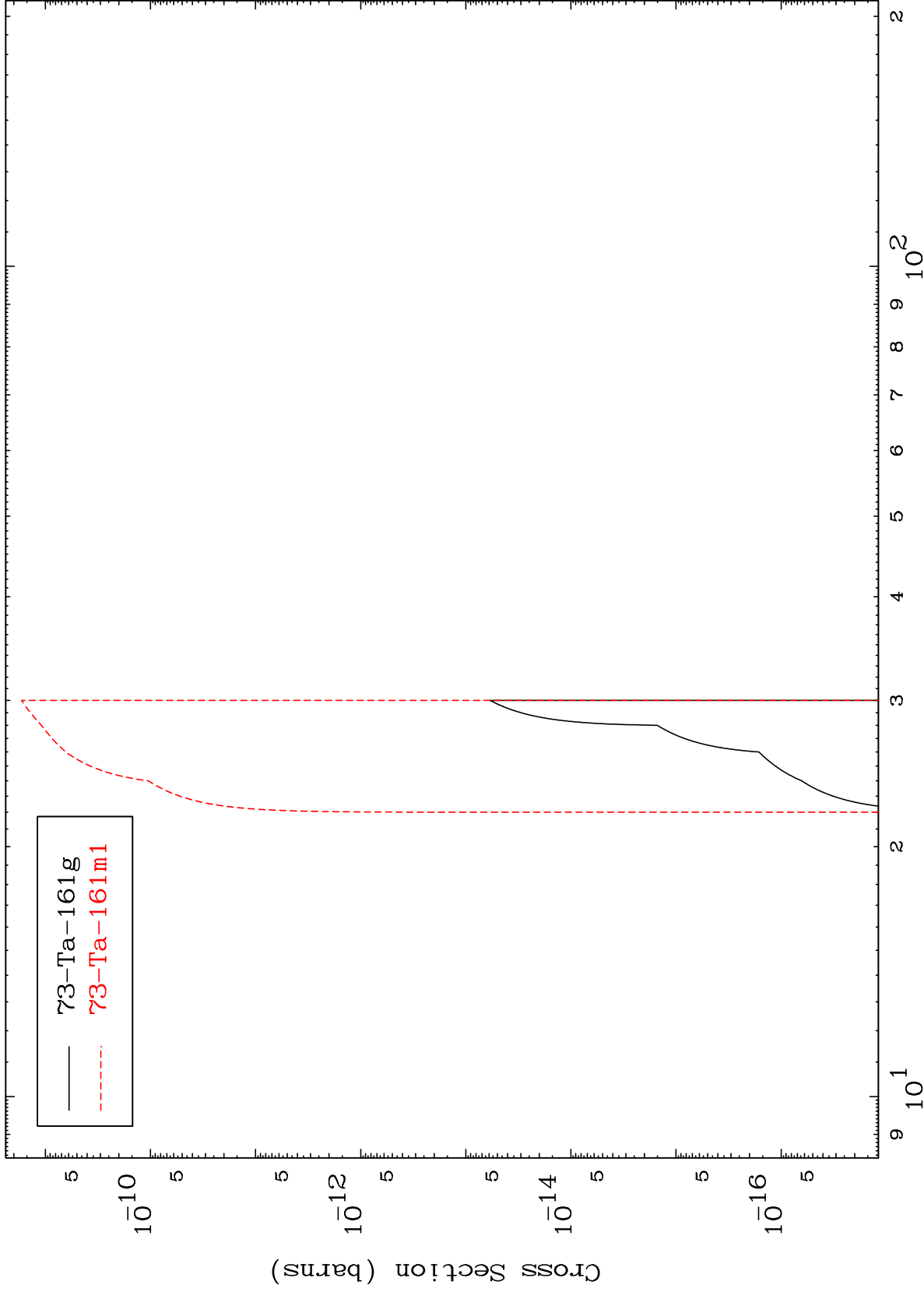
77-Ir-171

MAT 7665

$(\gamma, 2n) 2\alpha$

$^{77}\text{Ir-171}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

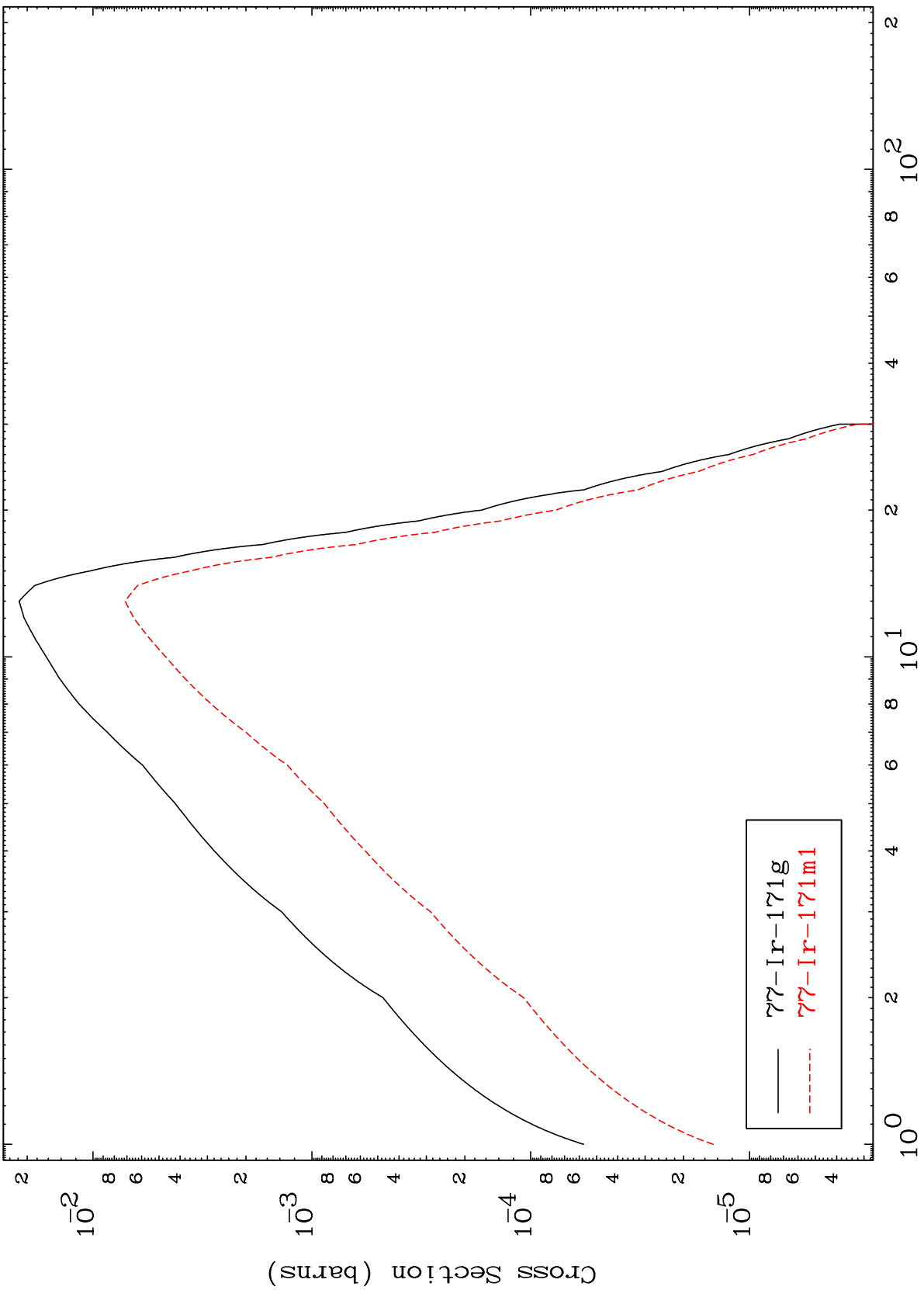
$^{77}\text{Ir-171}$

MAT 7665

<sup>77</sup>Ir-171

Radionuclide Production Cross Section

( $\gamma, \gamma$ )



—  $^{77}\text{Ir-171g}$   
- - -  $^{77}\text{Ir-171m1}$

Incident Energy (MeV)

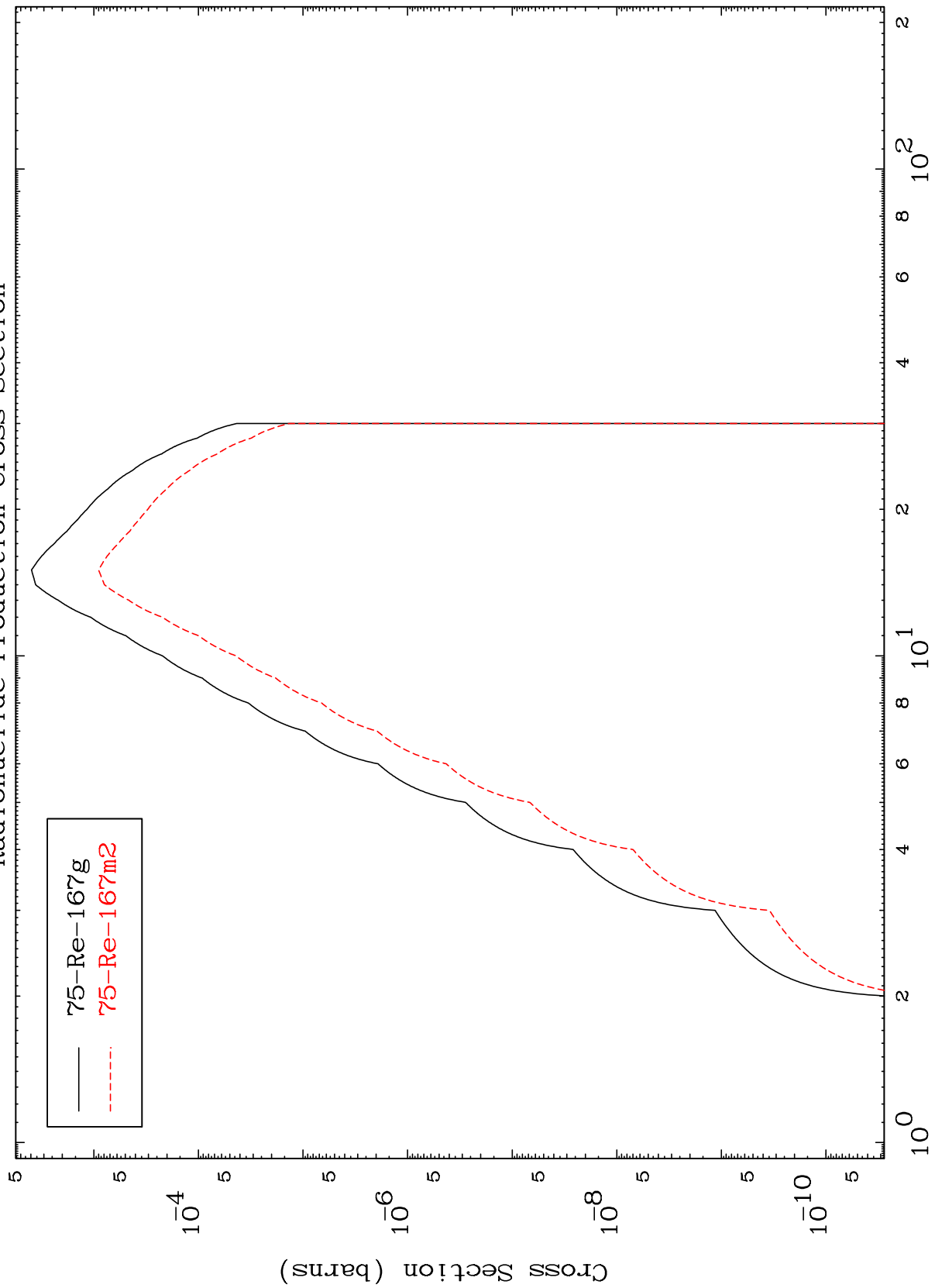
<sup>77</sup>Ir-171

14

MAT 7665

<sup>77</sup>Ir-171

Radionuclide Production Cross Section

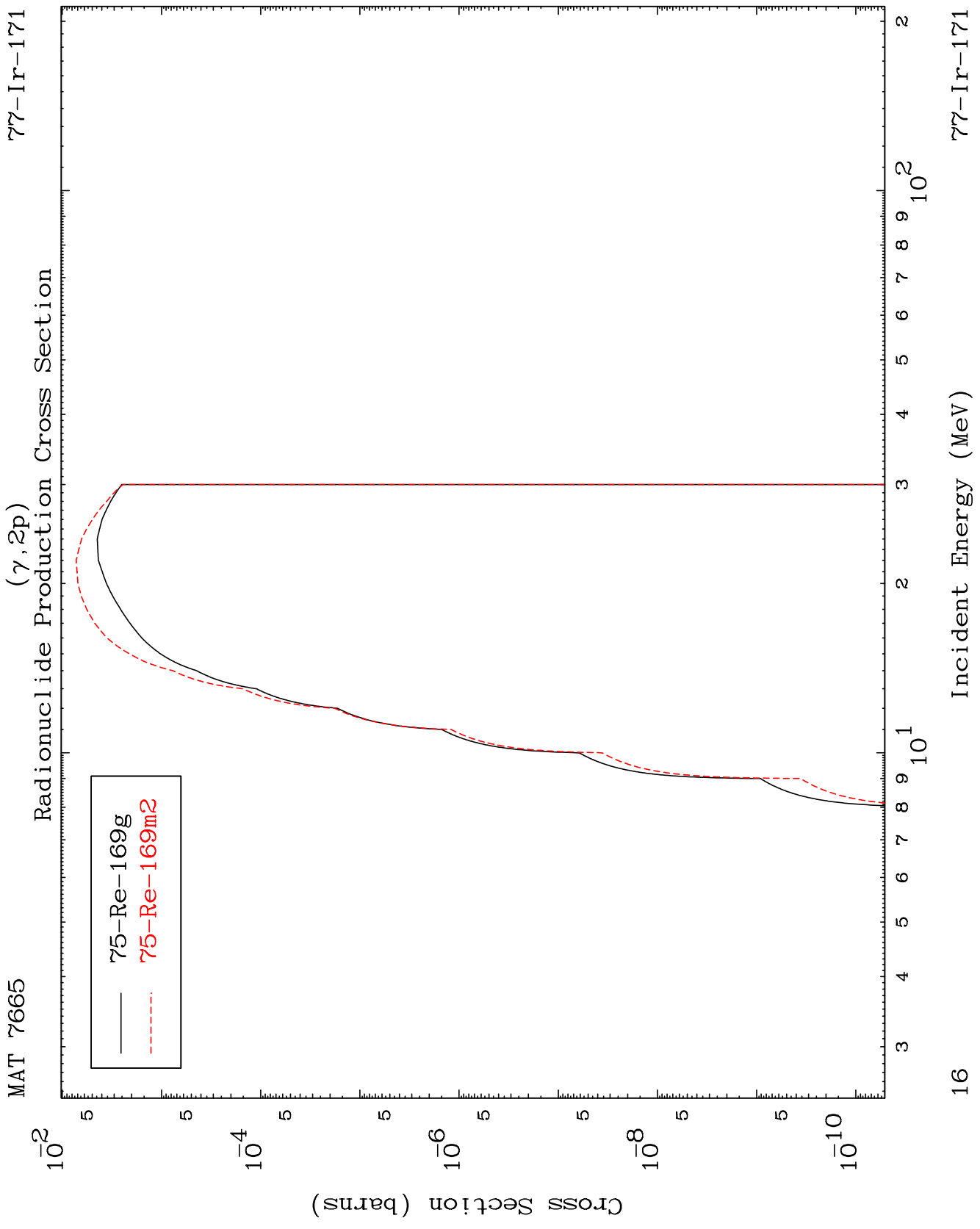


— 75-Re-167g  
- - - 75-Re-167m2

Incident Energy (MeV)

<sup>77</sup>Ir-171

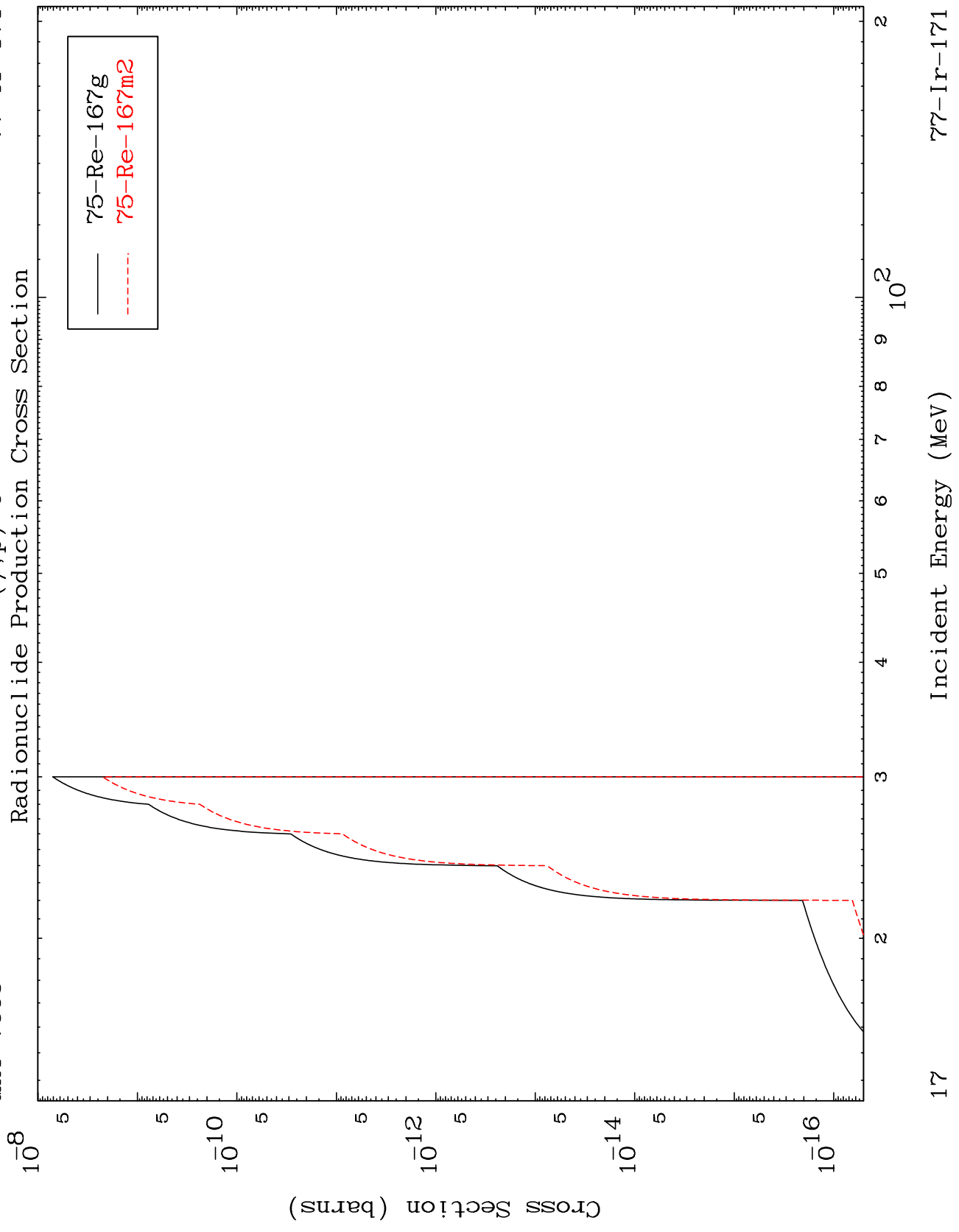




MAT 7665

( $\gamma, p$ ) t

77-Ir-171



17

77-Ir-171