

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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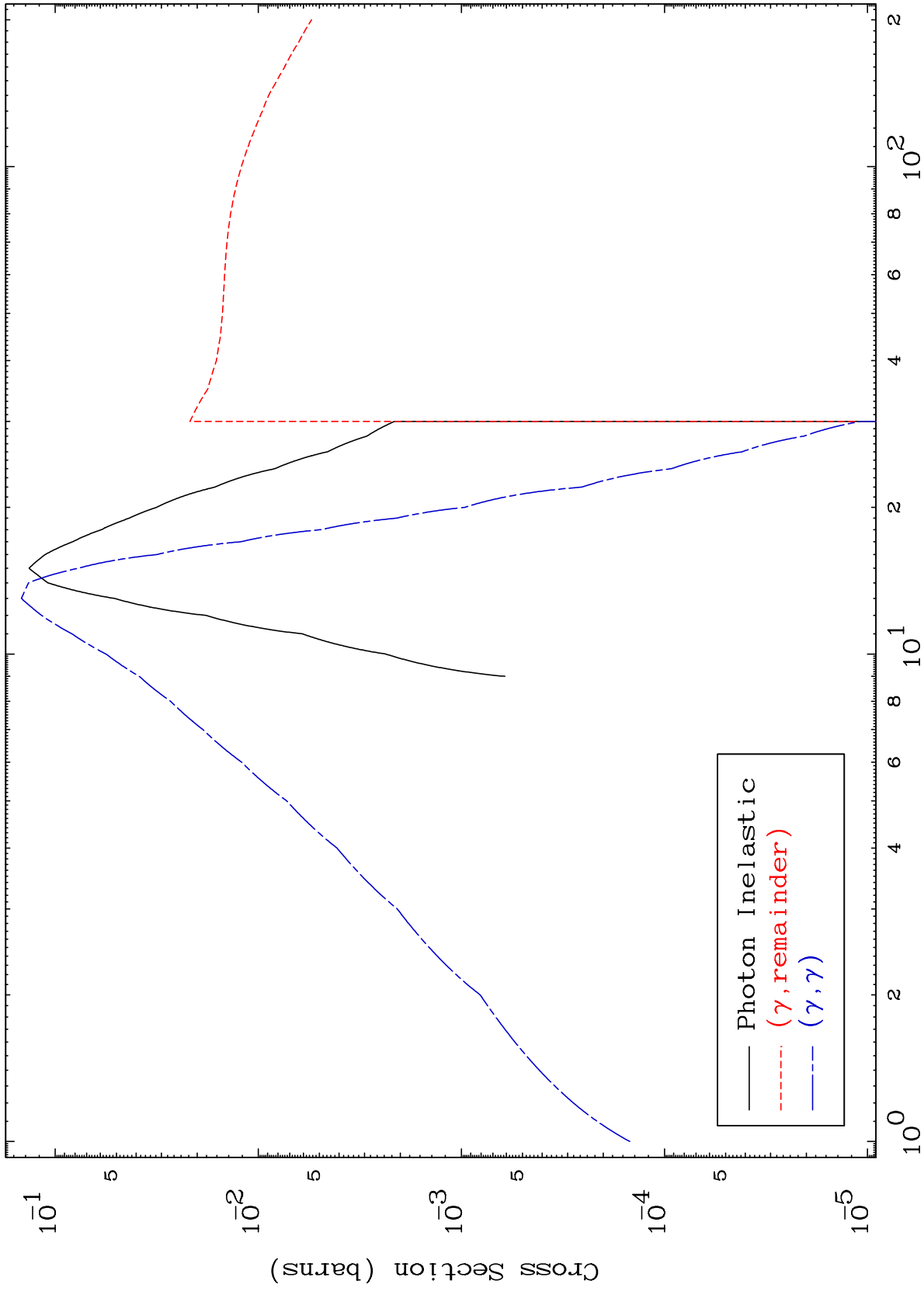
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7675

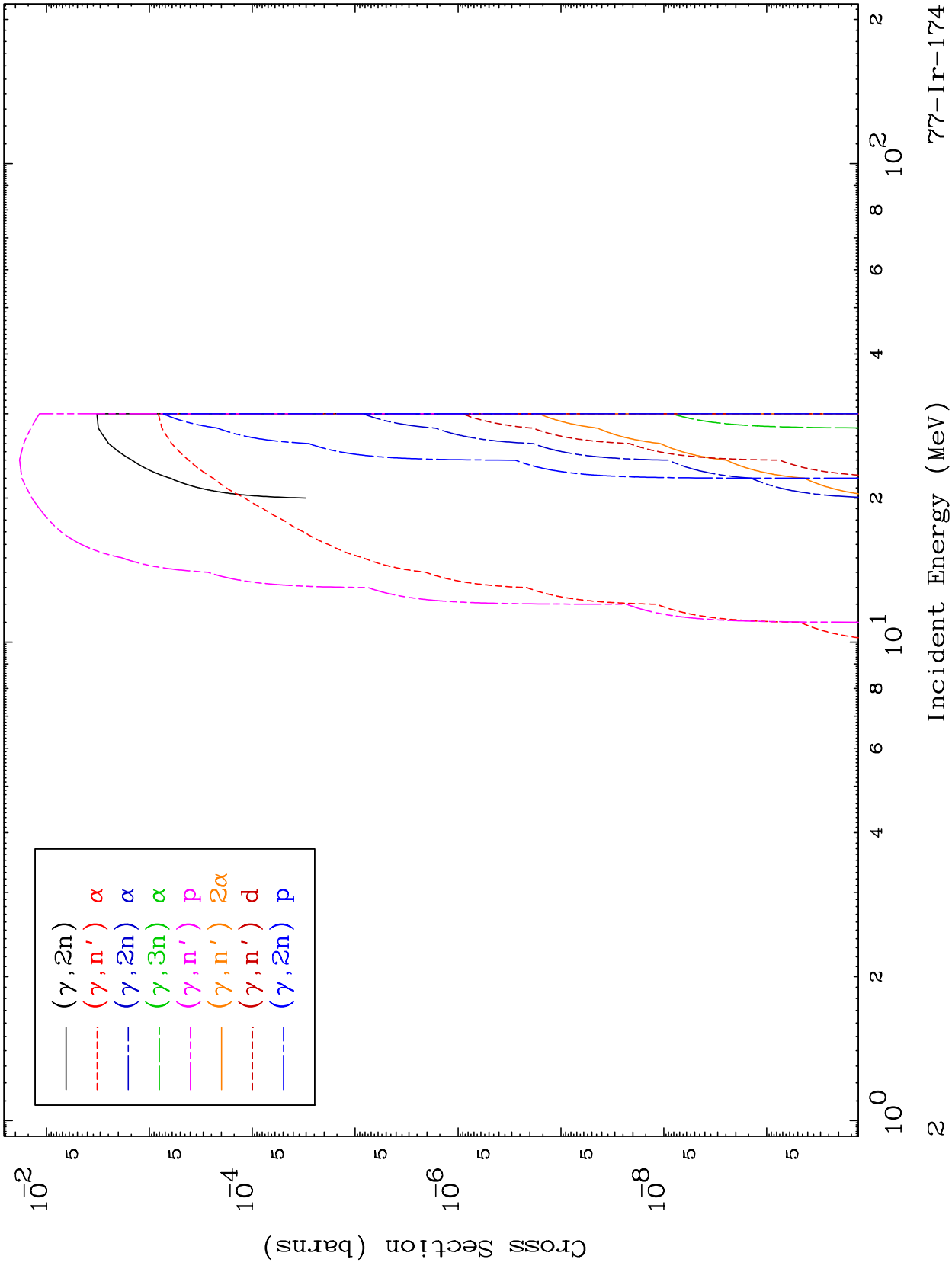
Photon Major  
0 Kelvin Cross Sections

77-Ir-174



Incident Energy (MeV)

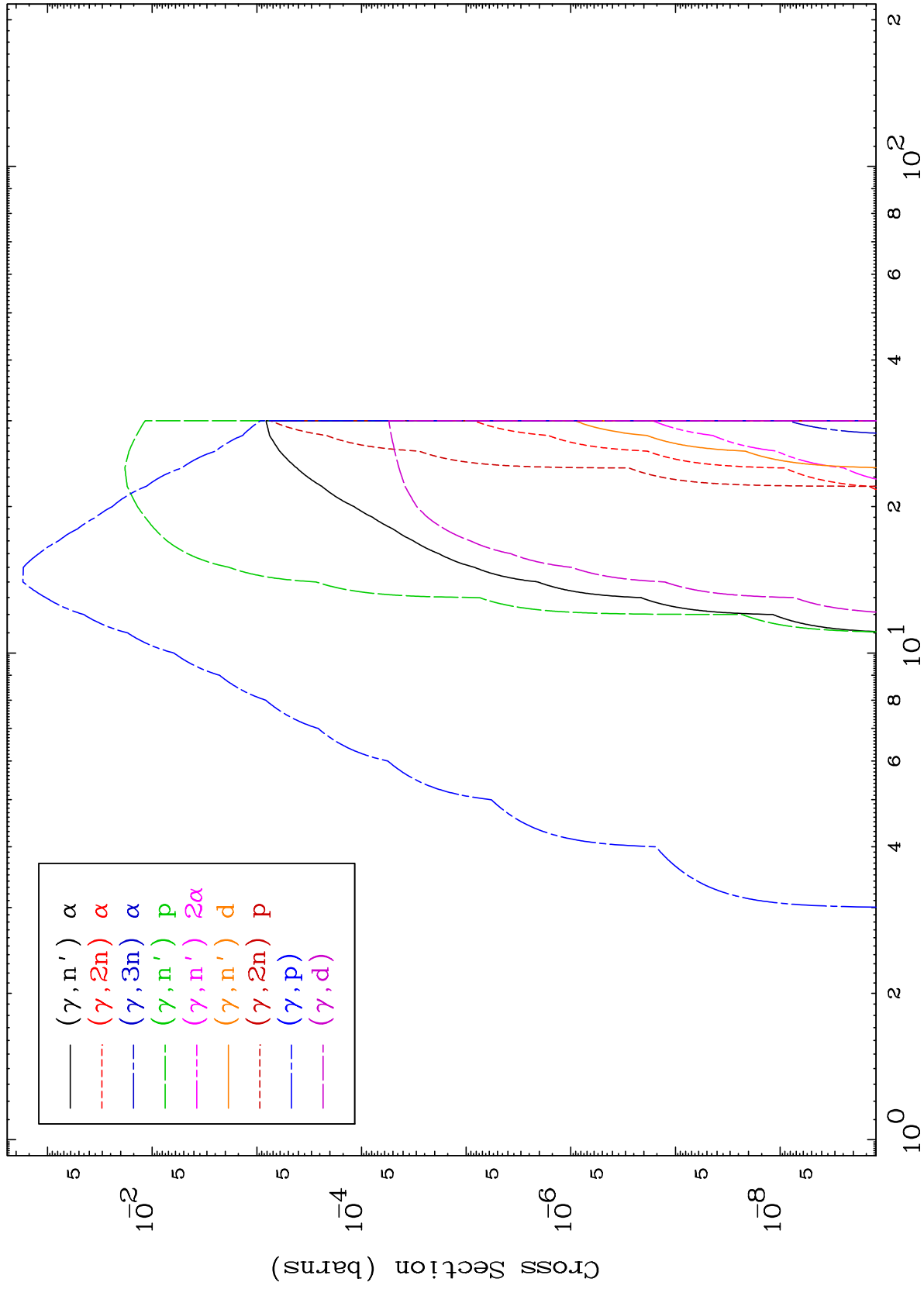
77-Ir-174



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Photon Charged Particle  
0 Kelvin Cross Sections

77-Ir-174



77-Ir-174

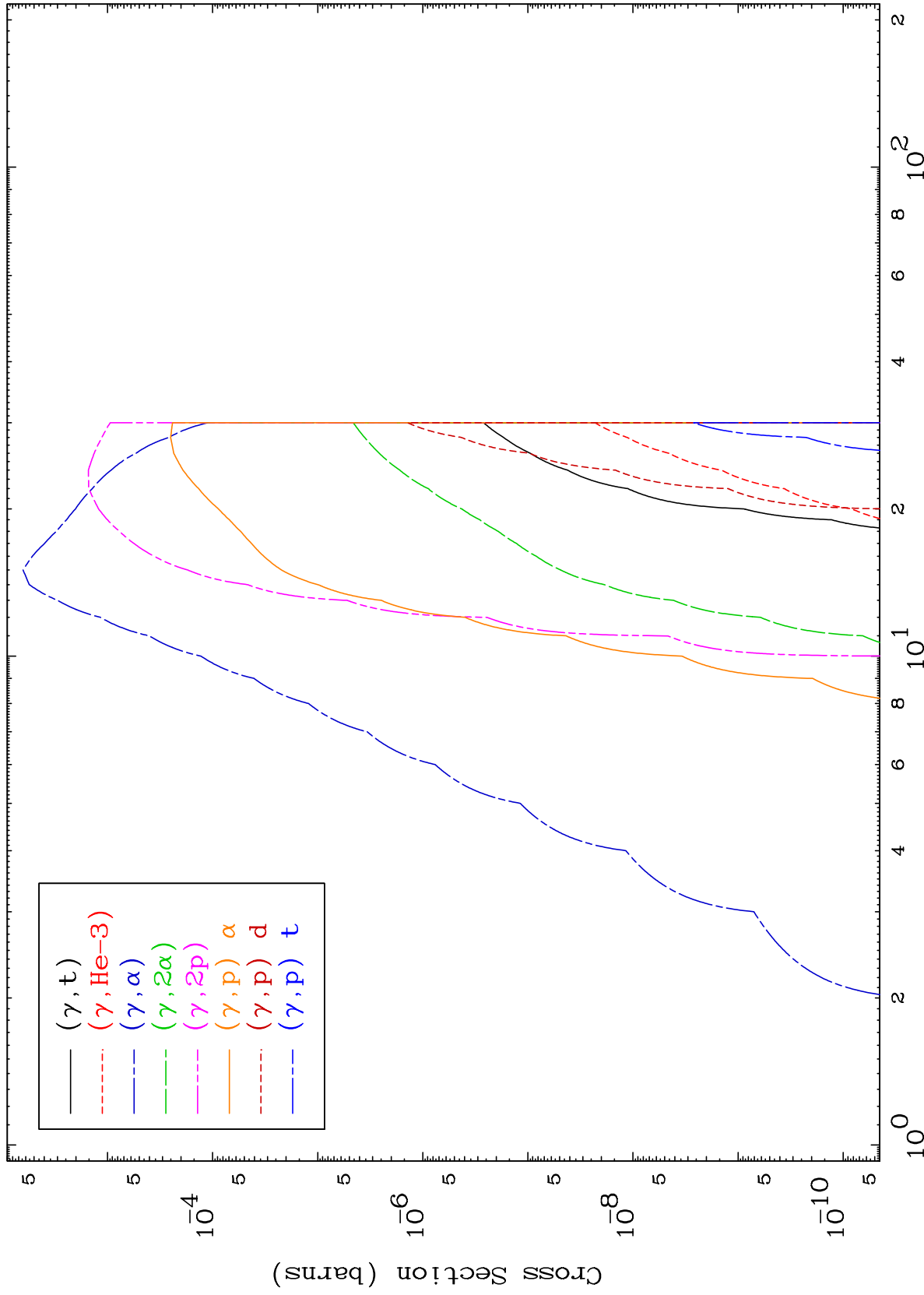
Incident Energy (MeV)

3

MAT 7675

Photon Charged Particle  
0 Kelvin Cross Sections

77-Ir-174



77-Ir-174

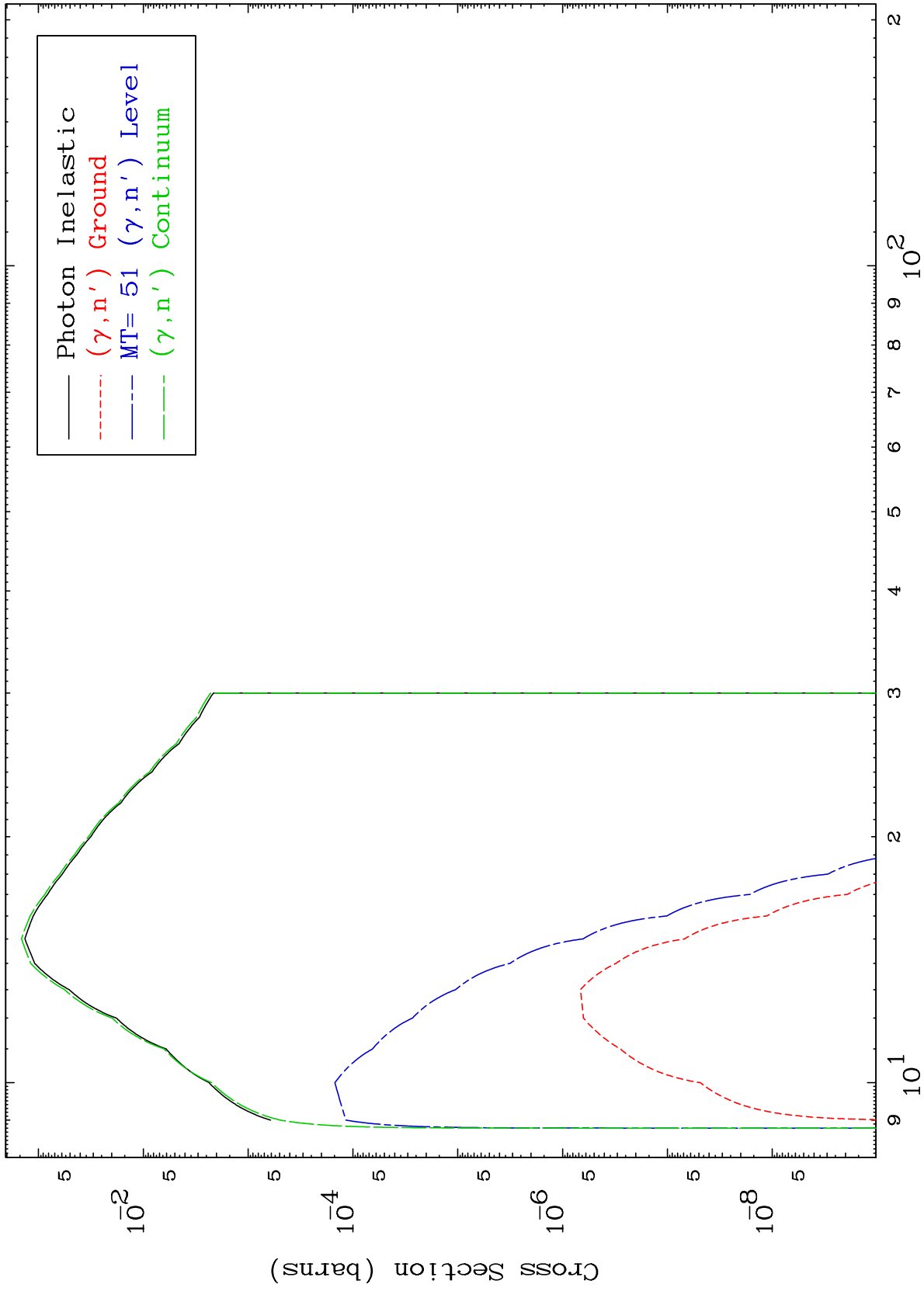
Incident Energy (MeV)

4

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

77-Ir-174



5

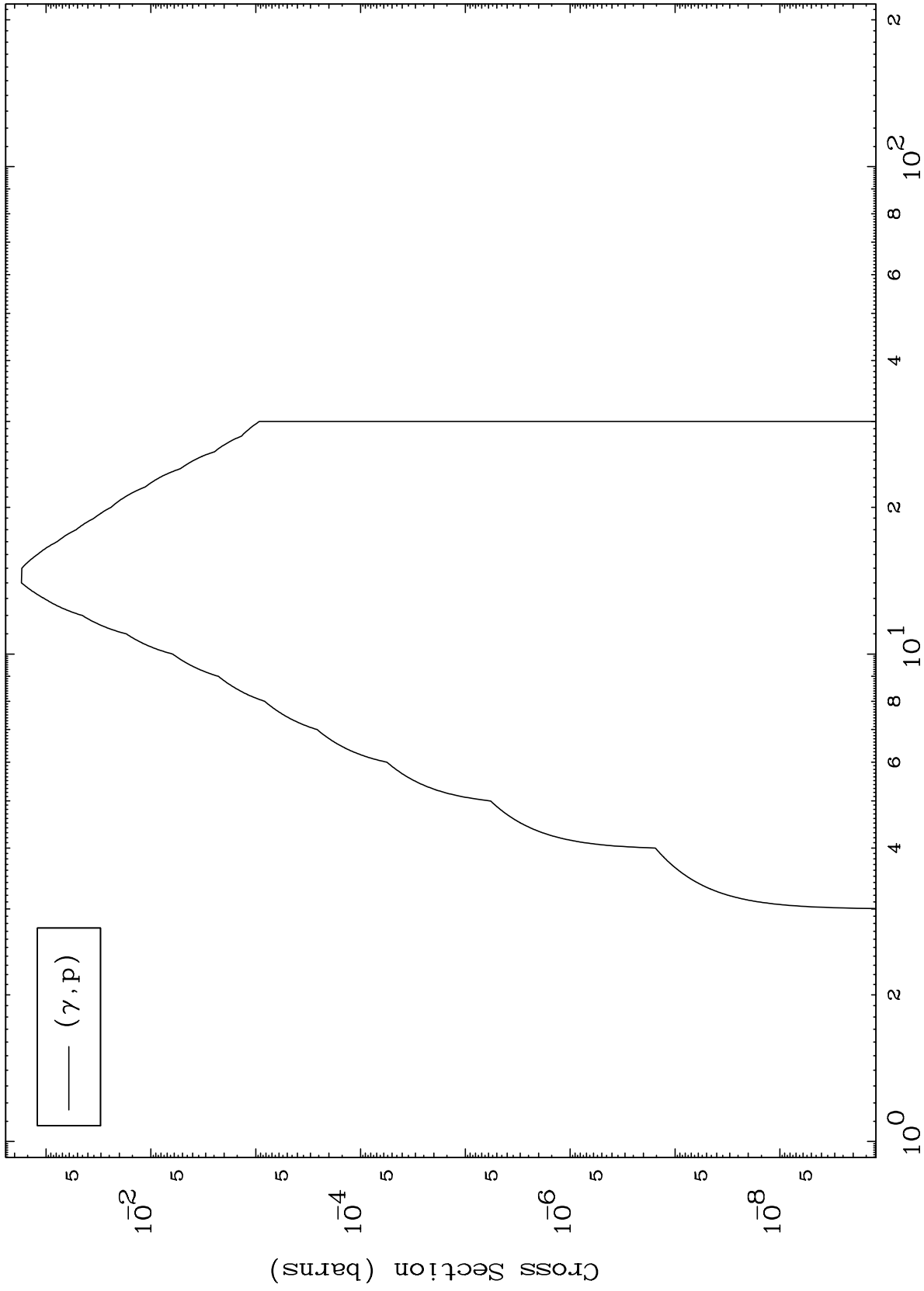
Incident Energy (MeV)

77-Ir-174

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

77-Ir-174



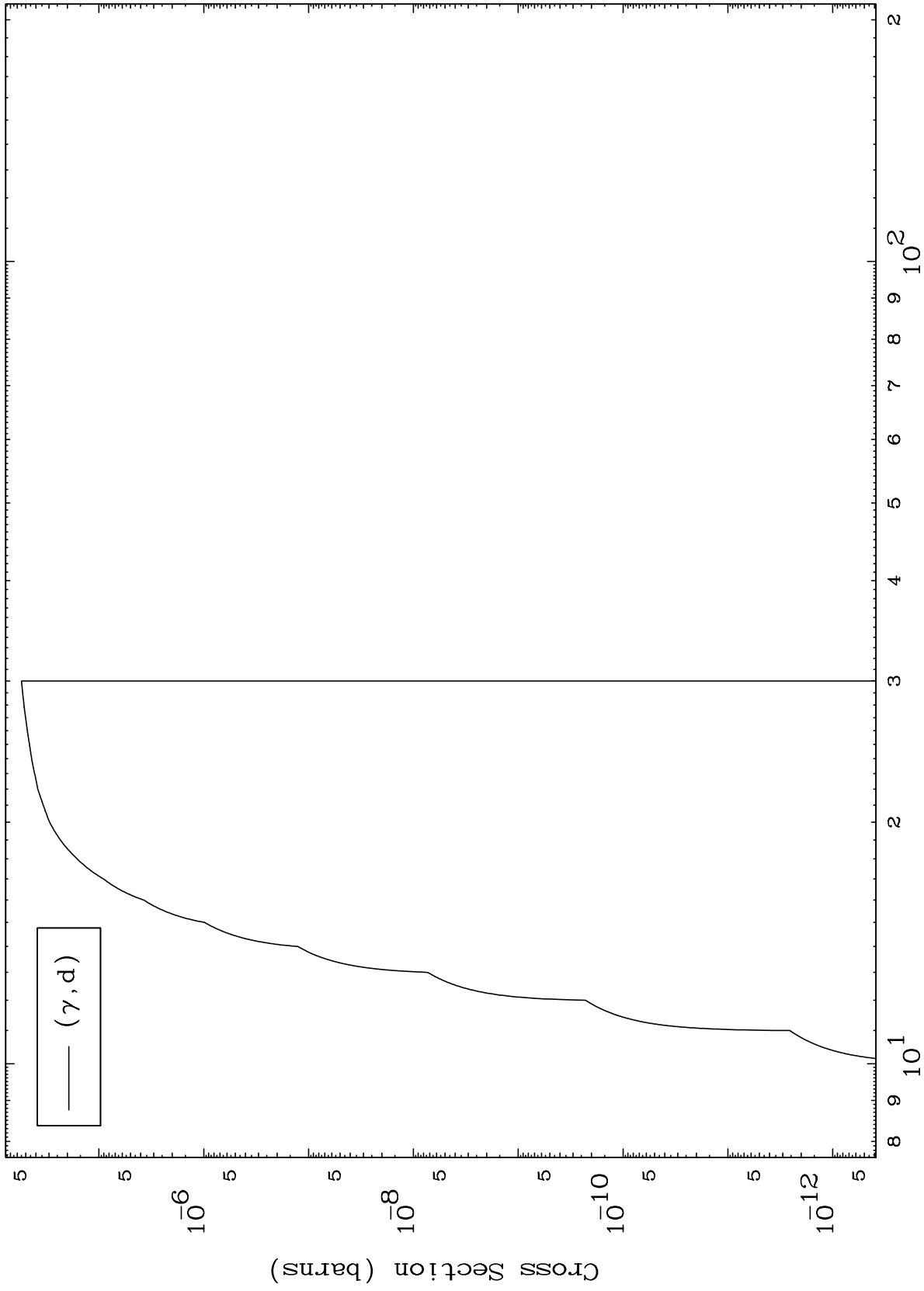
Incident Energy (MeV)

77-Ir-174

MAT 7675

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

77-Ir-174



7

Incident Energy (MeV)

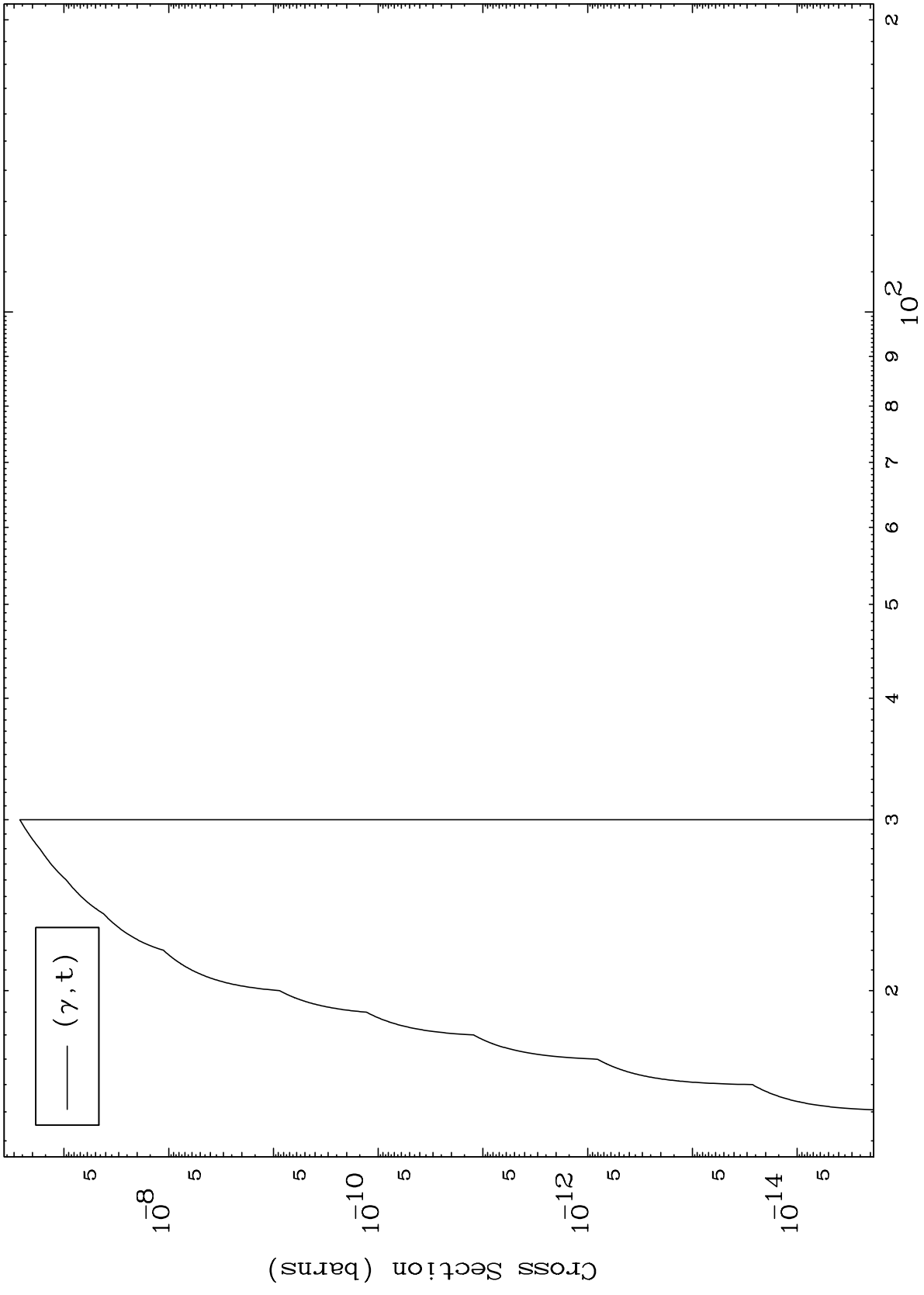
77-Ir-174



MAT 7675

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

77-Ir-174



8

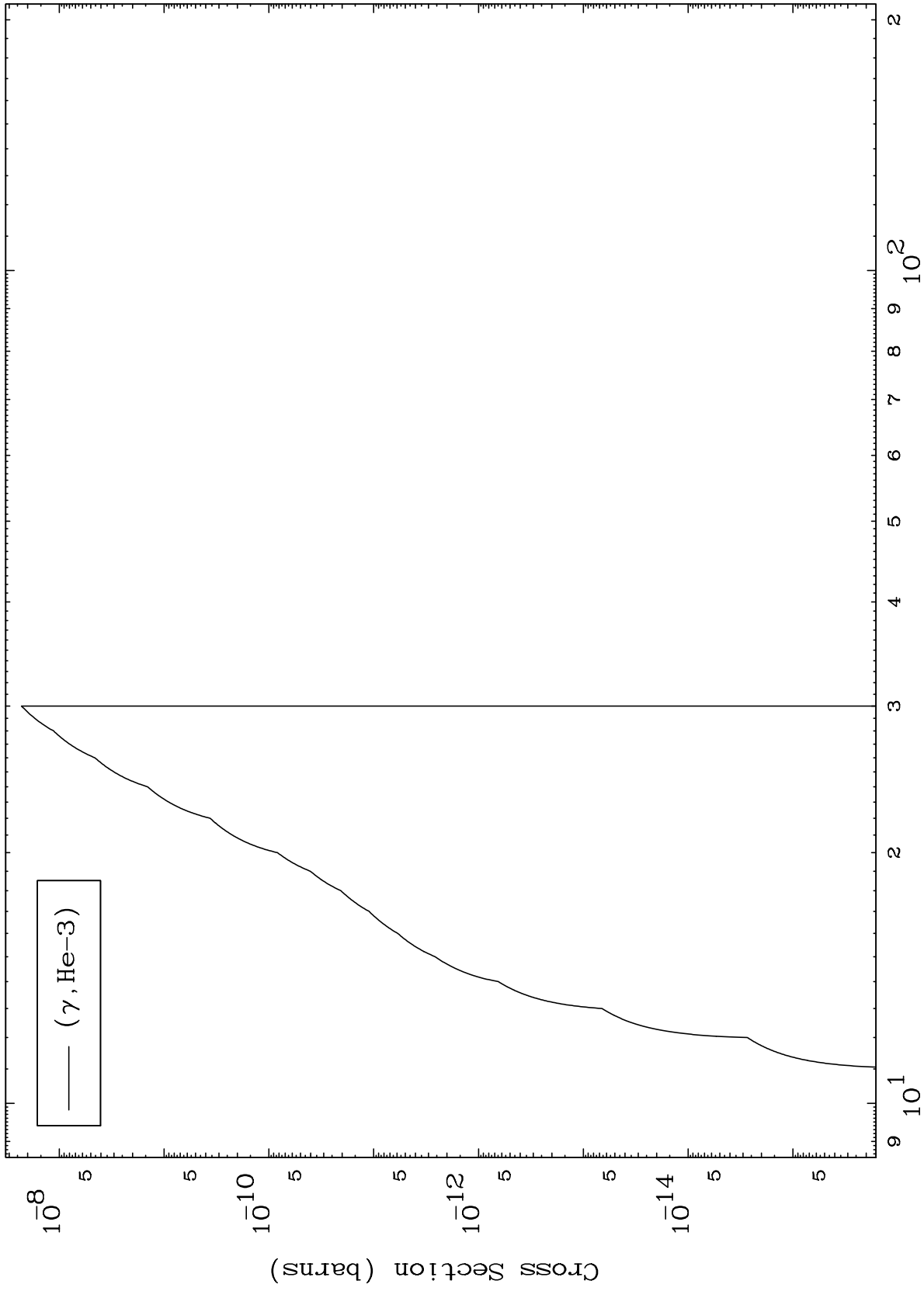
Incident Energy (MeV)

77-Ir-174

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( $\gamma$ ,He3) Levels  
0 Kelvin Cross Sections

77-Ir-174



9

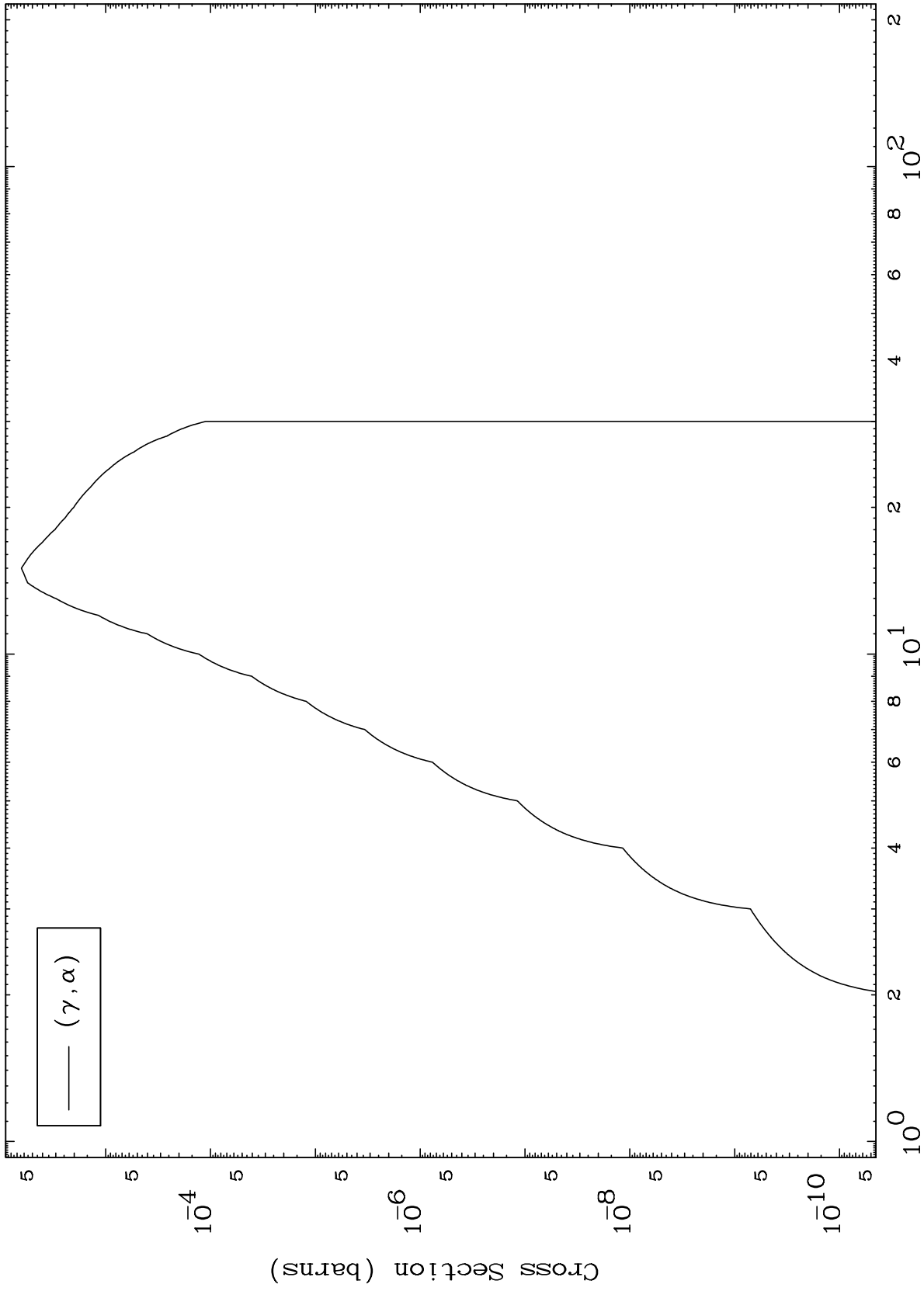
Incident Energy (MeV)

77-Ir-174

MAT 7675

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

77-Ir-174



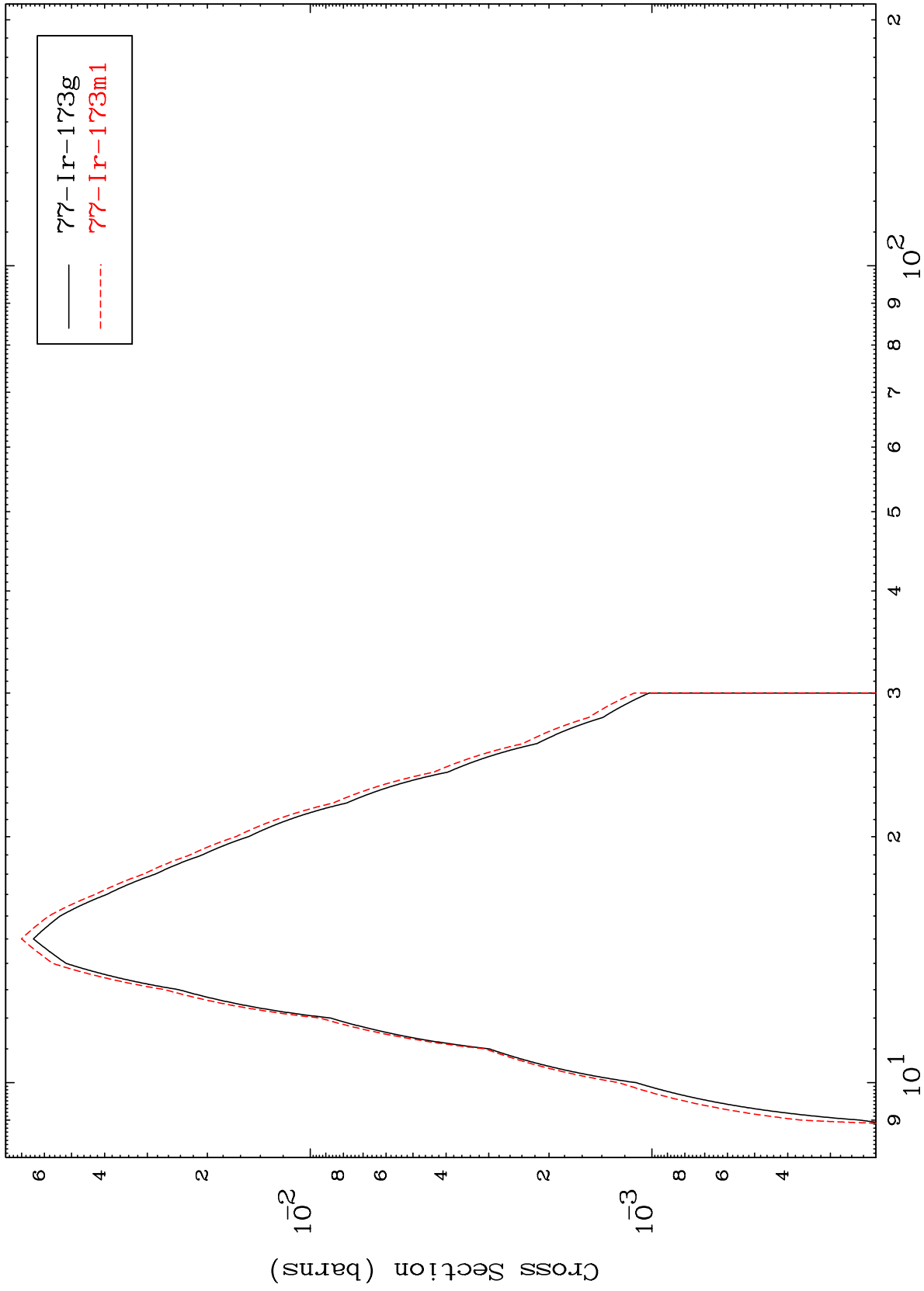
Incident Energy (MeV)

77-Ir-174

MAT 7675

Photon Inelastic  
Radionuclide Production Cross Section

77-Ir-174



11

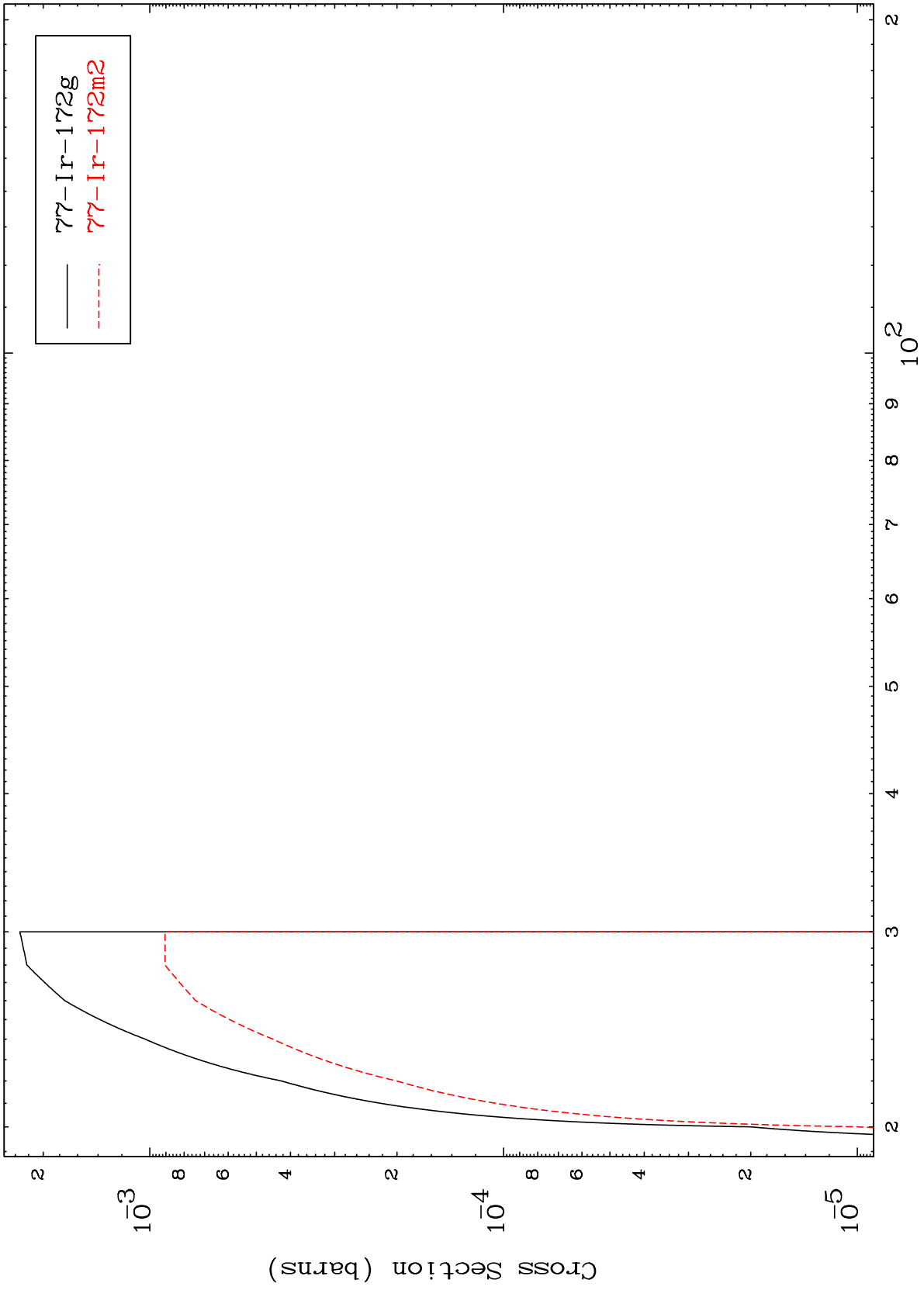
Incident Energy (MeV)

77-Ir-174

MAT 7675

77-Ir-174

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



12

Incident Energy (MeV)

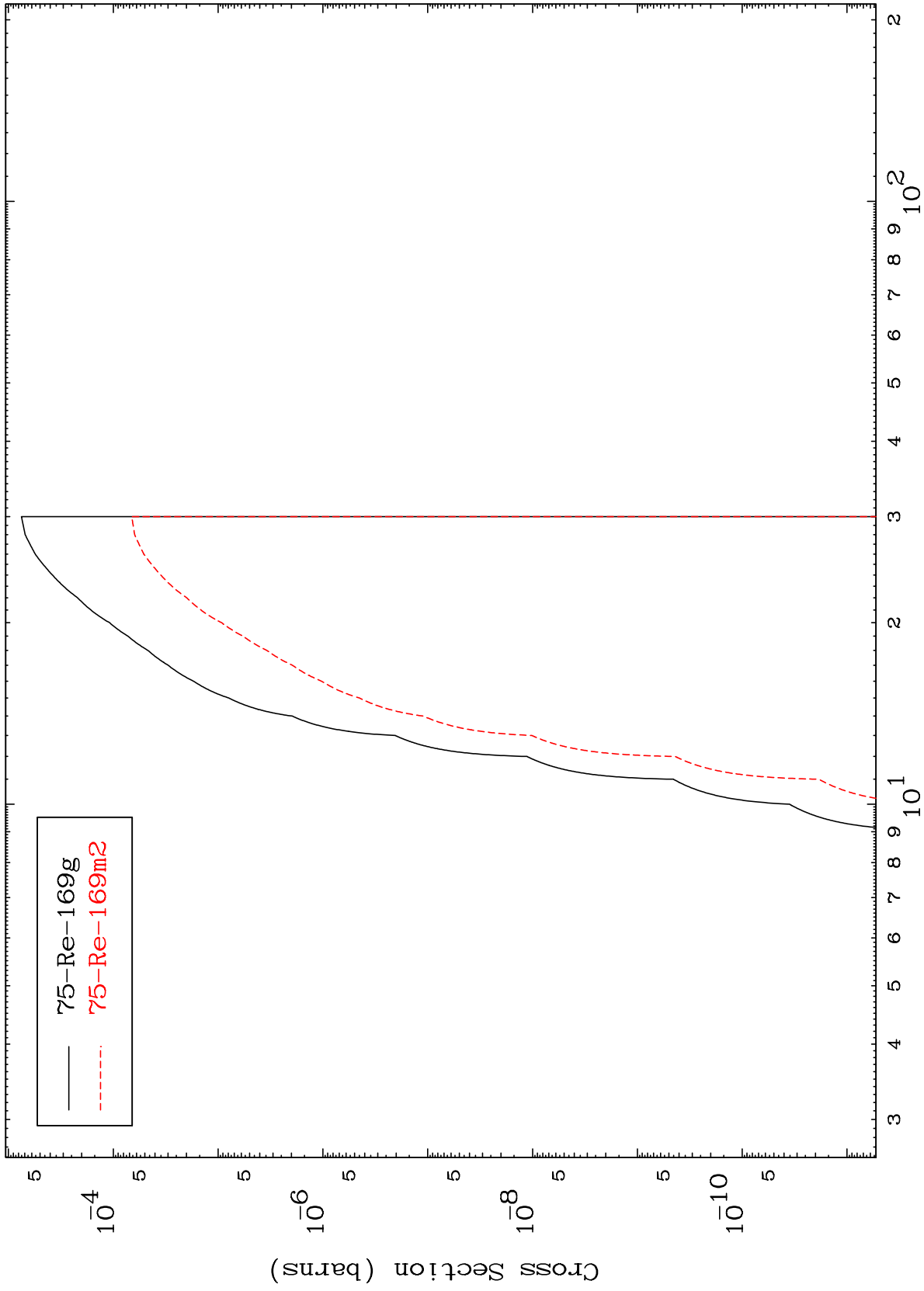
77-Ir-174

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

77-Ir-174

Radionuclide Production Cross Section



13

Incident Energy (MeV)

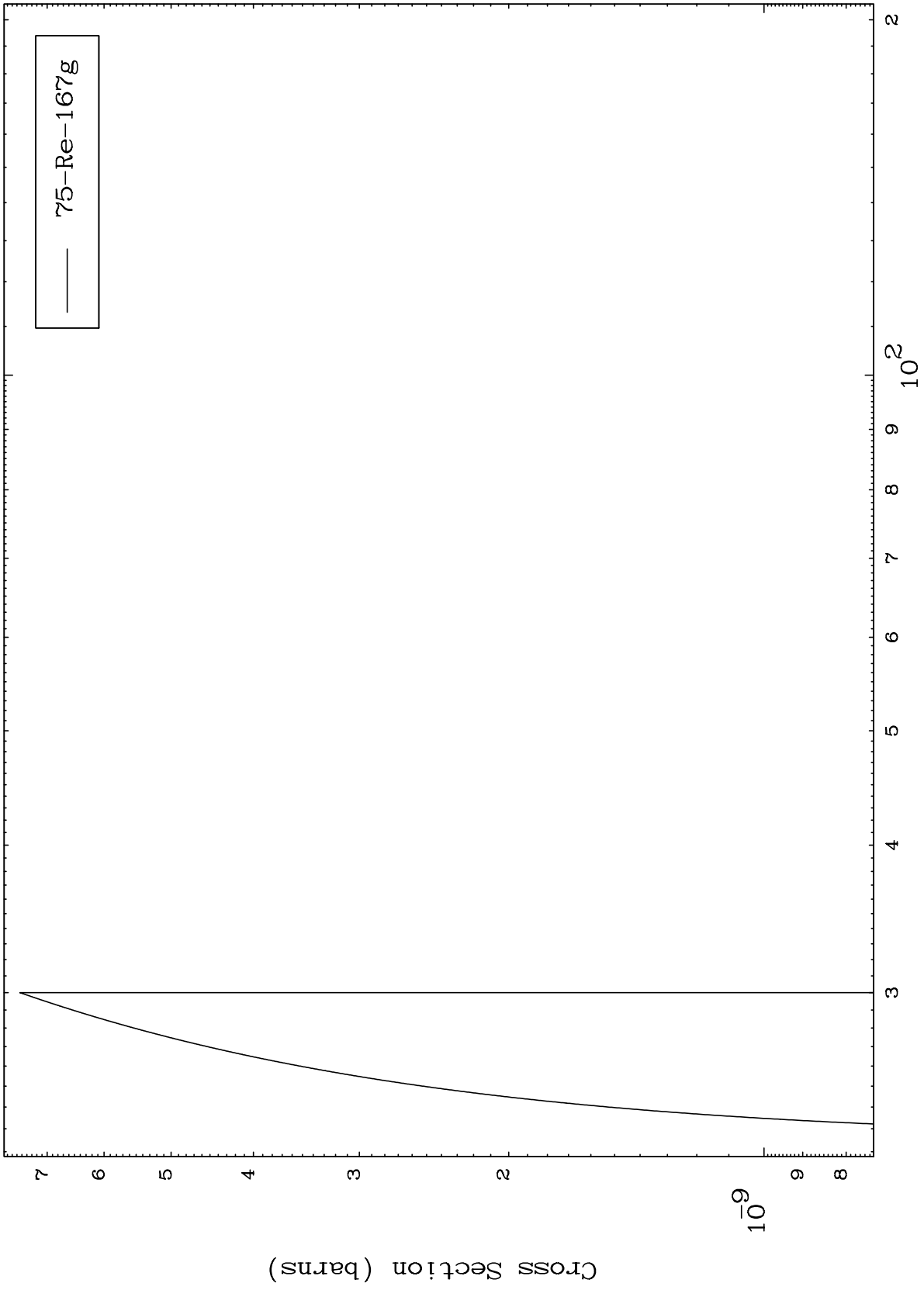
77-Ir-174

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( $\gamma, 3n$ )  $\alpha$

77-Ir-174

Radionuclide Production Cross Section



14

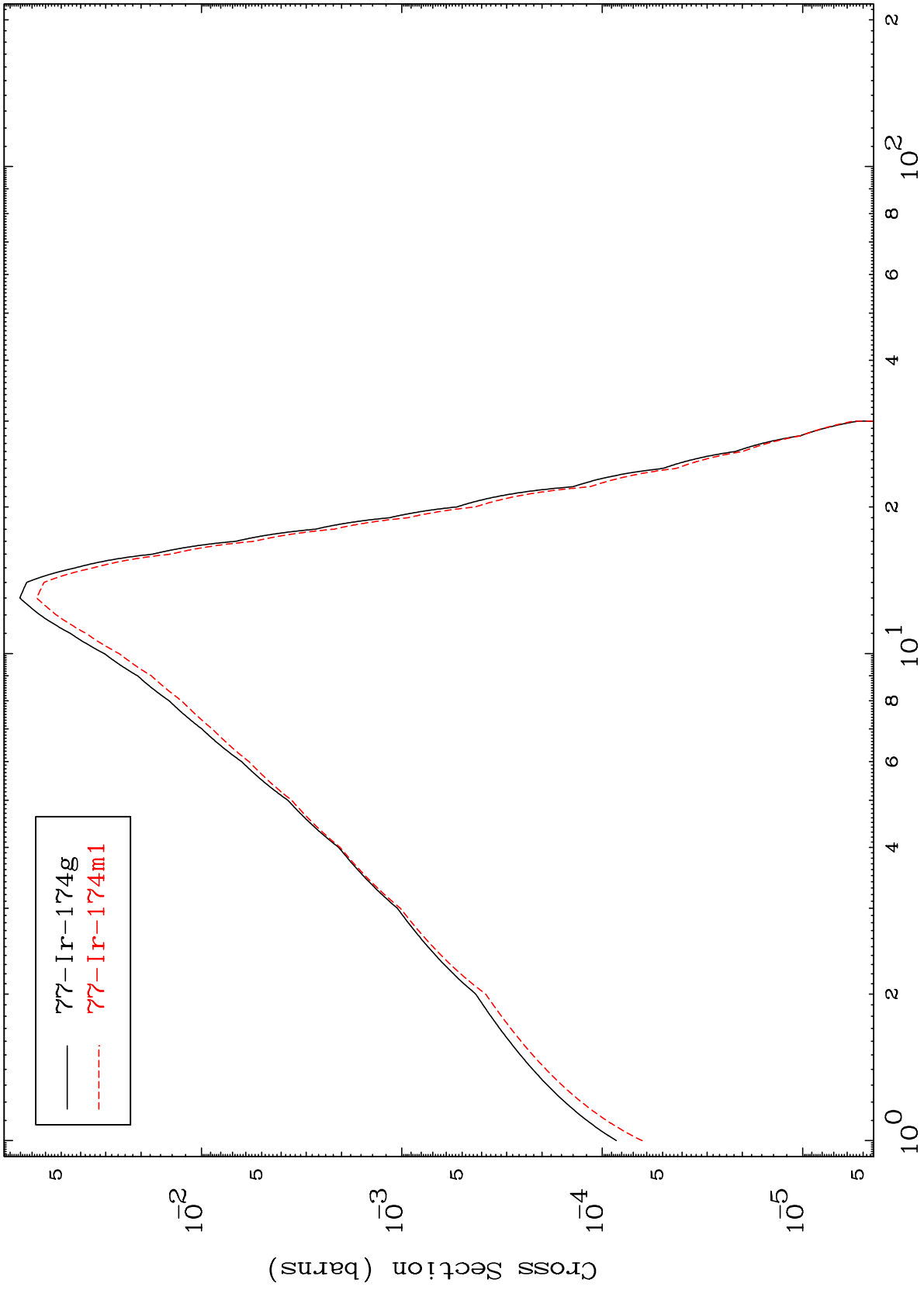
Incident Energy (MeV)

77-Ir-174

MAT 7675

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

$^{77}\text{Ir-174}$



—  $^{77}\text{Ir-174g}$   
- - -  $^{77}\text{Ir-174m1}$

Incident Energy (MeV)

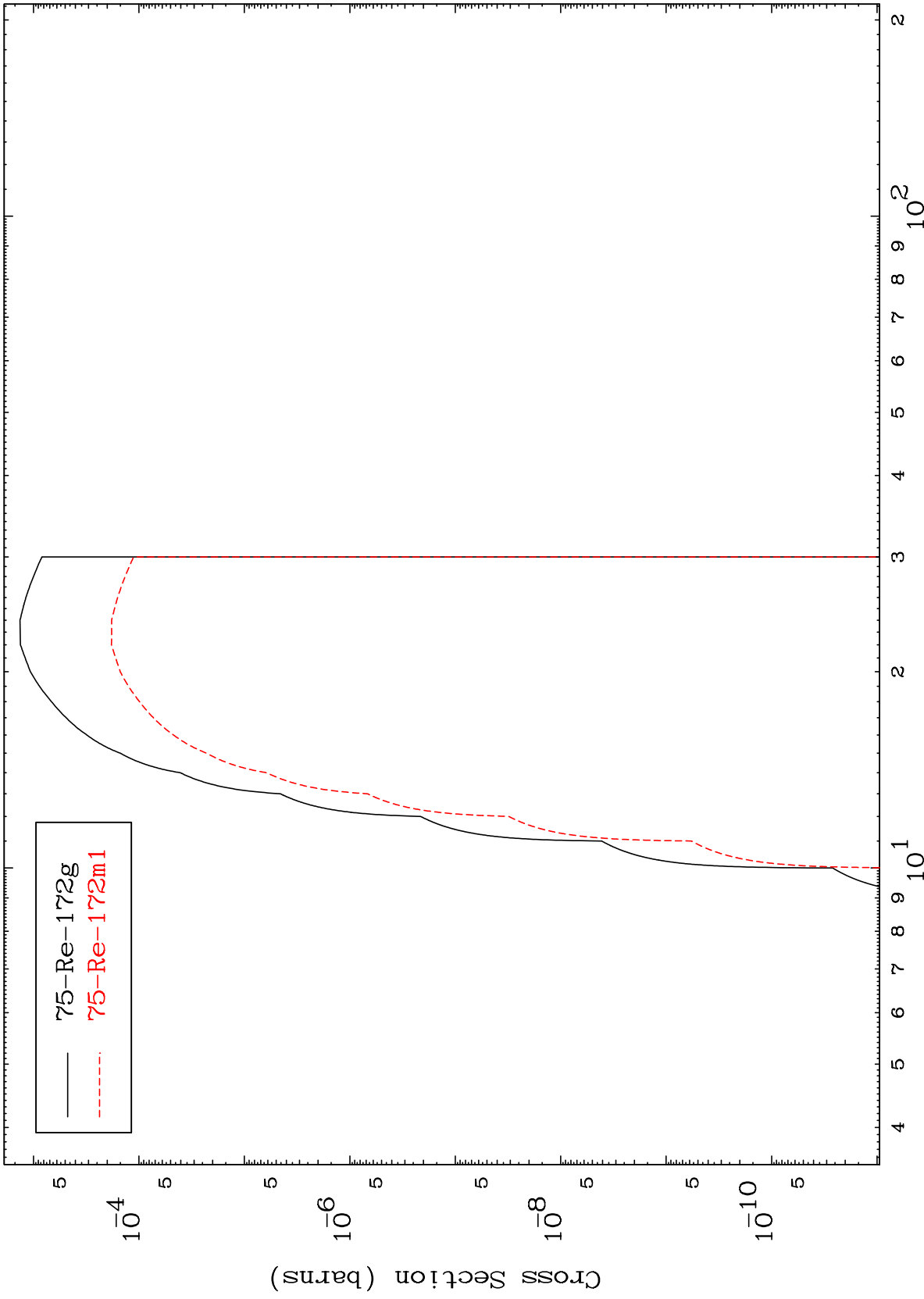
$^{77}\text{Ir-174}$



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77-Ir-174

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



16

Incident Energy (MeV)

77-Ir-174