

Program EVALPLOT  
(Version 2017-1)

by

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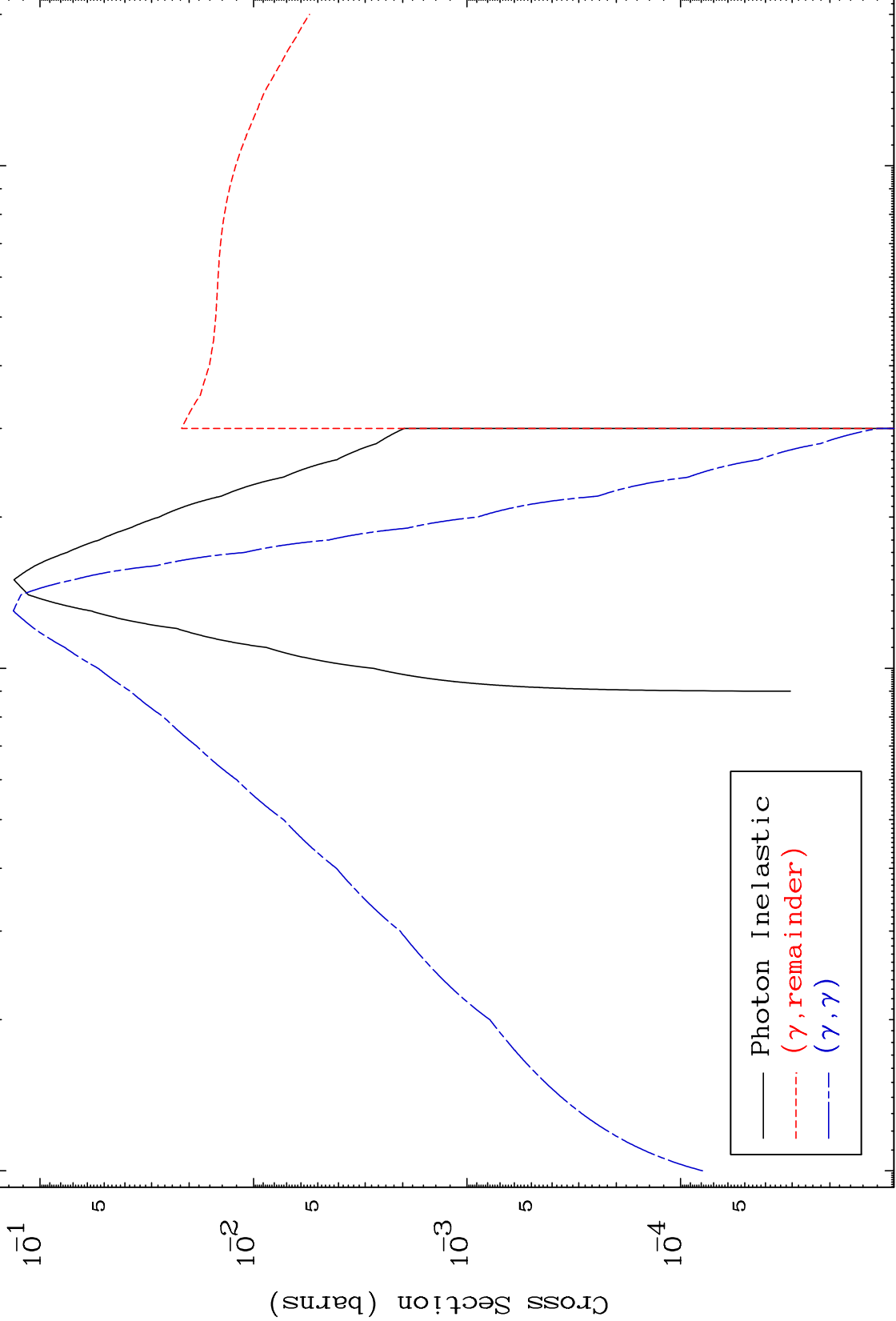
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7674

Photon Major  
0 Kelvin Cross Sections

<sup>77</sup>Ir-174



<sup>77</sup>Ir-174

Incident Energy (MeV)

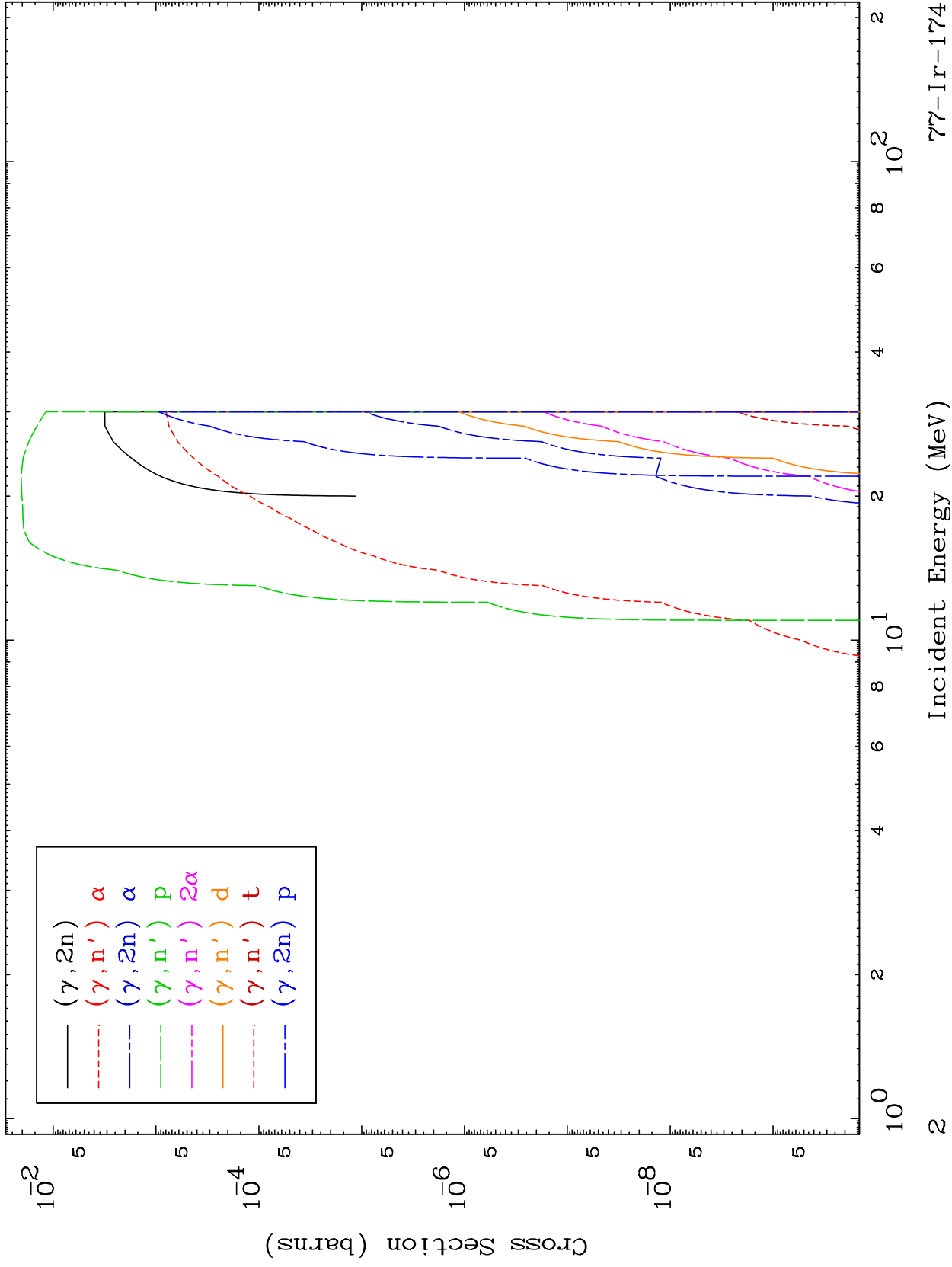
1

— Photon Inelastic  
- - - (γ, remainder)  
- · - (γ, γ)

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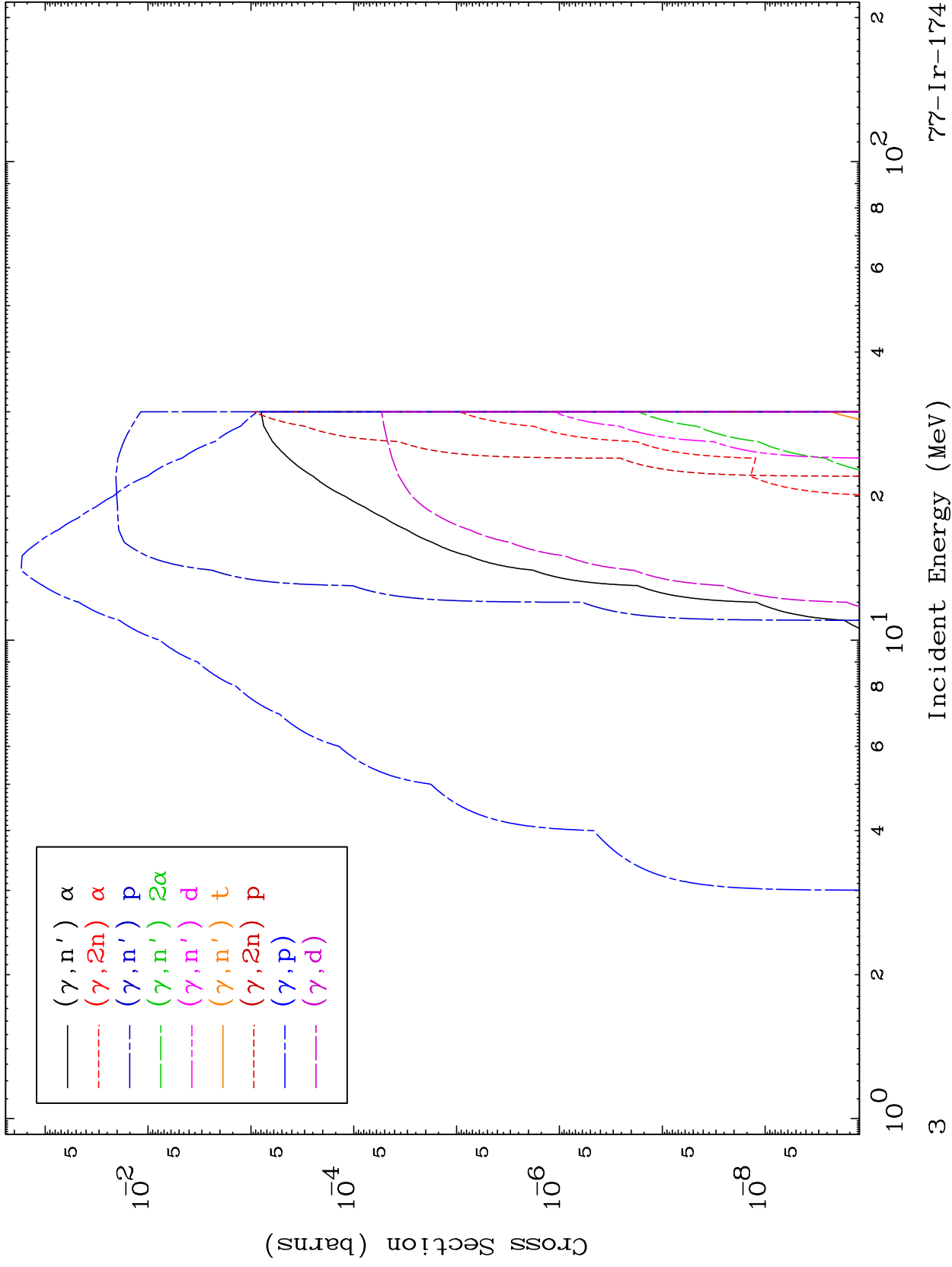
Photon Neutron Production  
0 Kelvin Cross Sections

77-Ir-174



77-Ir-174

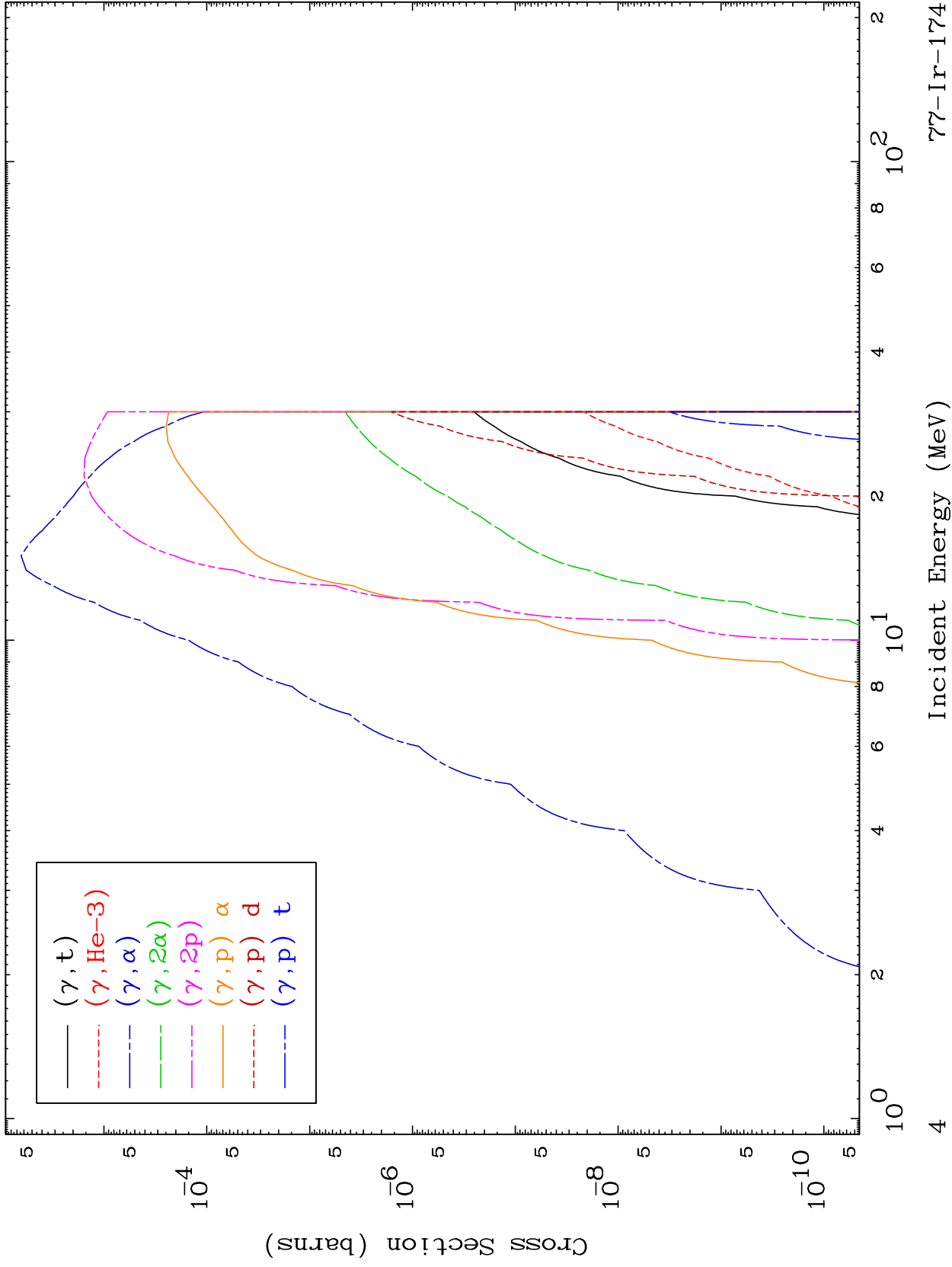
Incident Energy (MeV)



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Photon Charged Particle  
0 Kelvin Cross Sections

77-Ir-174



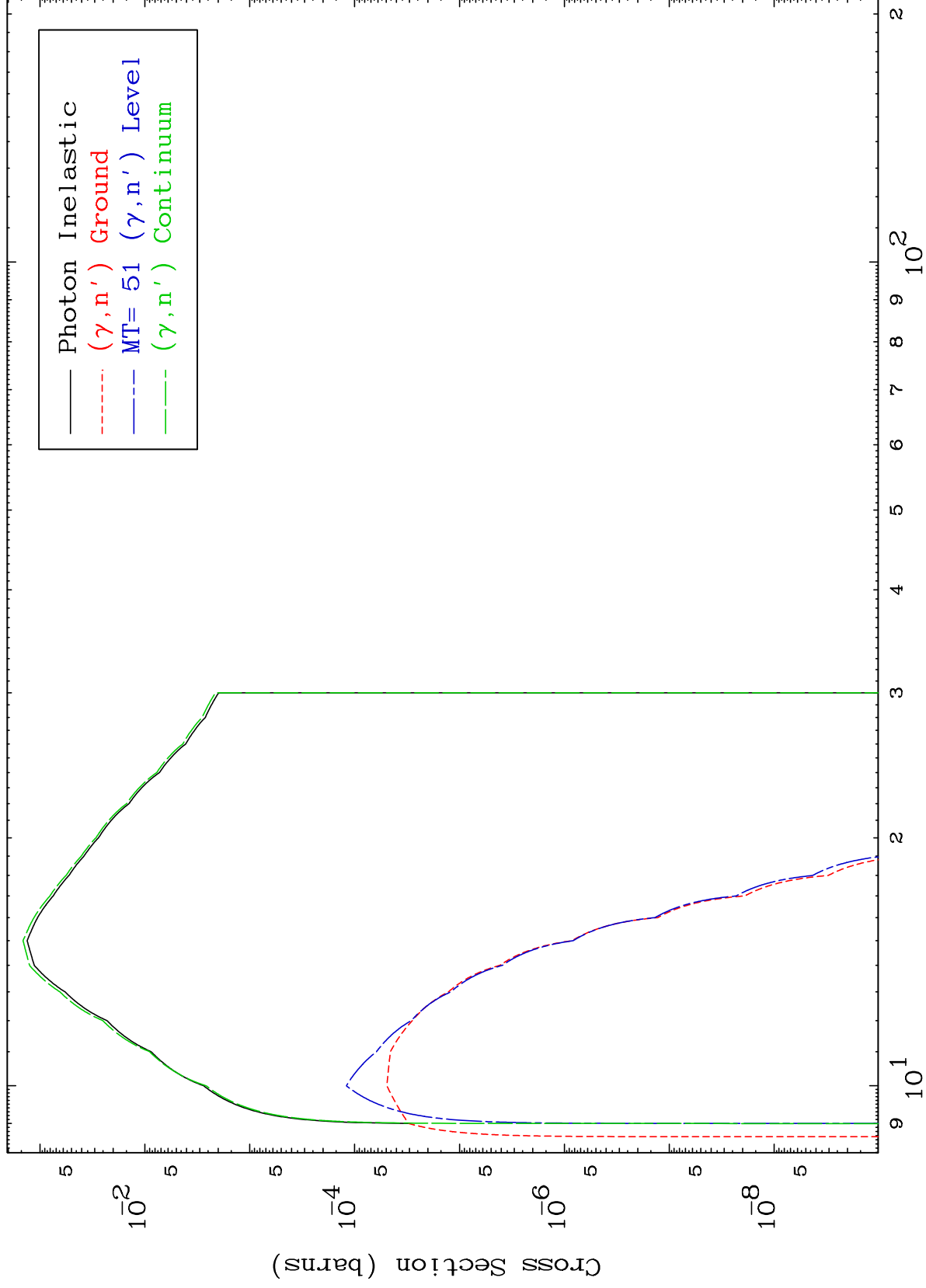
77-Ir-174

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$(\gamma, n')$  Level

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

0 Kelvin Cross Sections



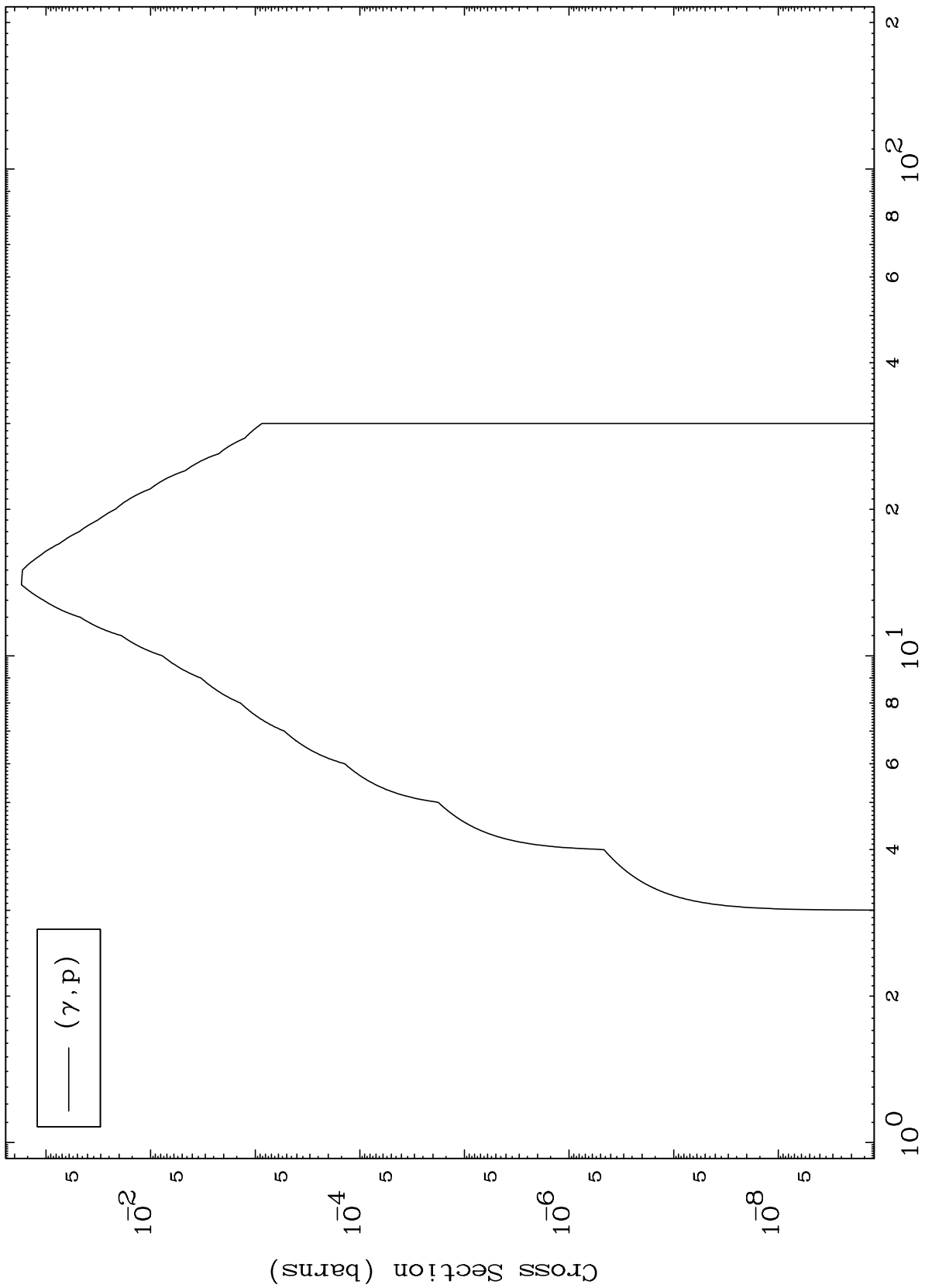
Incident Energy (MeV)

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

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77-Ir-174

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



77-Ir-174

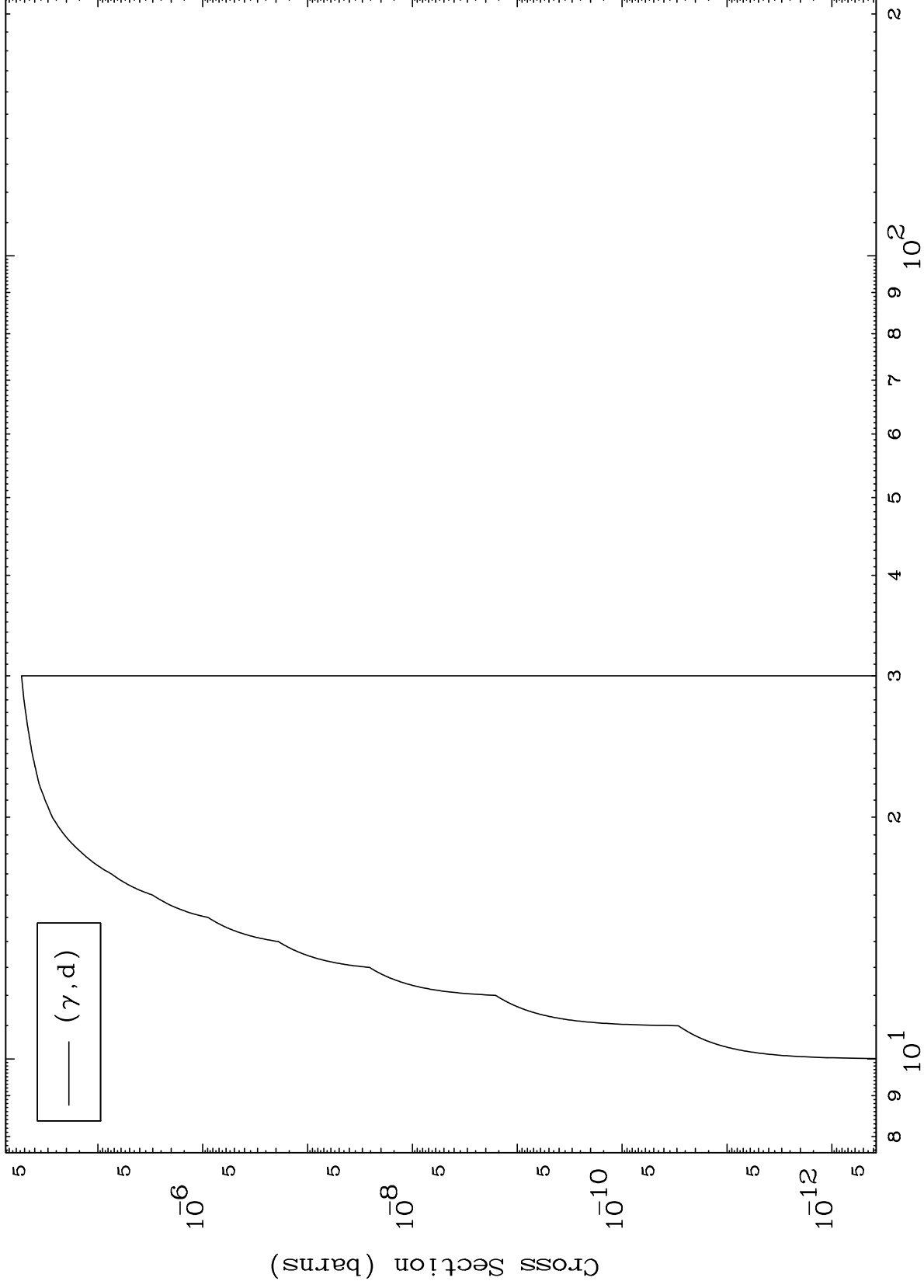
Incident Energy (MeV)

6

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

77-Ir-174

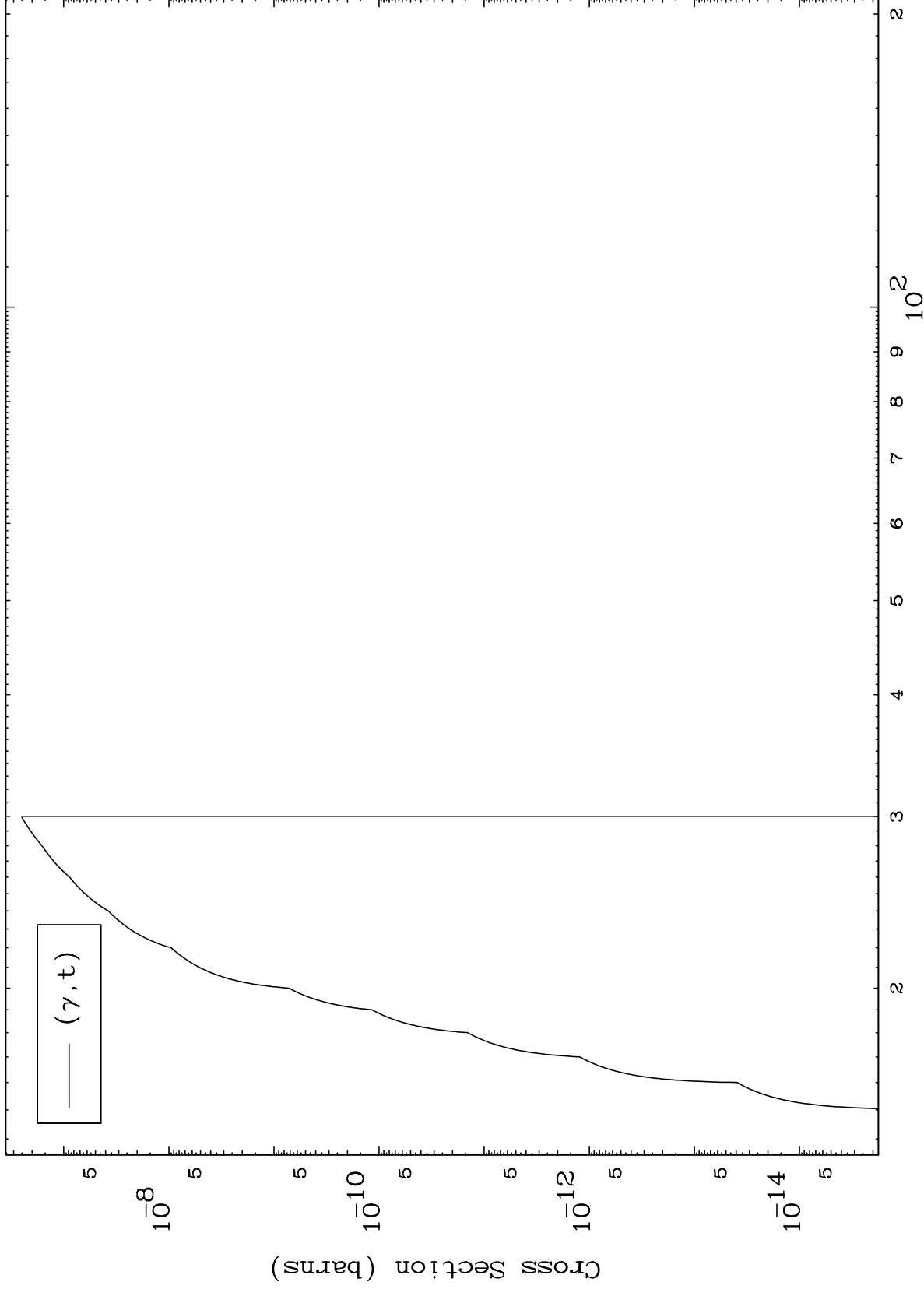


Incident Energy (MeV)

77-Ir-174

7

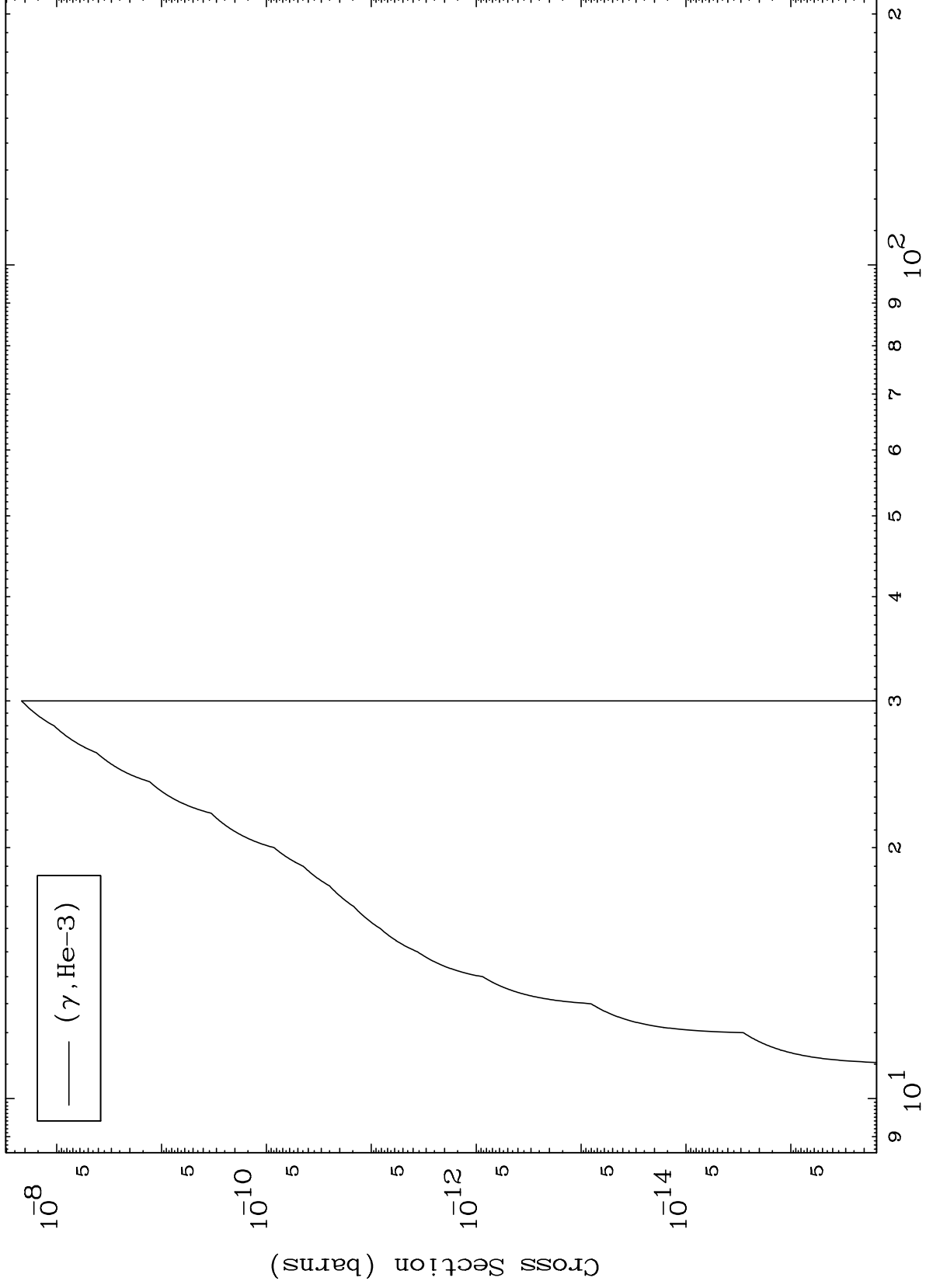




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( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

77-Ir-174



Incident Energy (MeV)

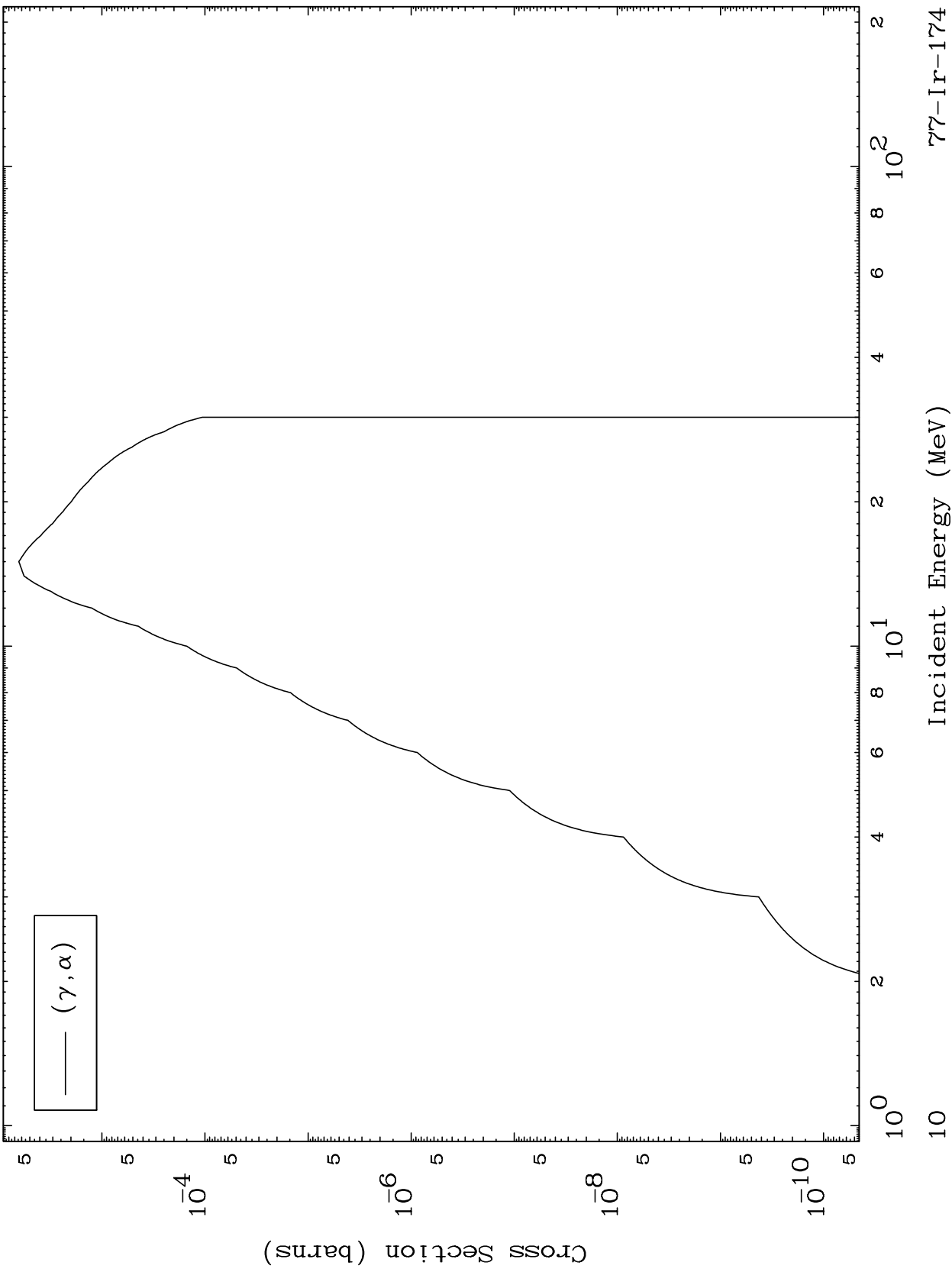
77-Ir-174

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( $\gamma, \alpha$ ) Levels

77-Ir-174

0 Kelvin Cross Sections



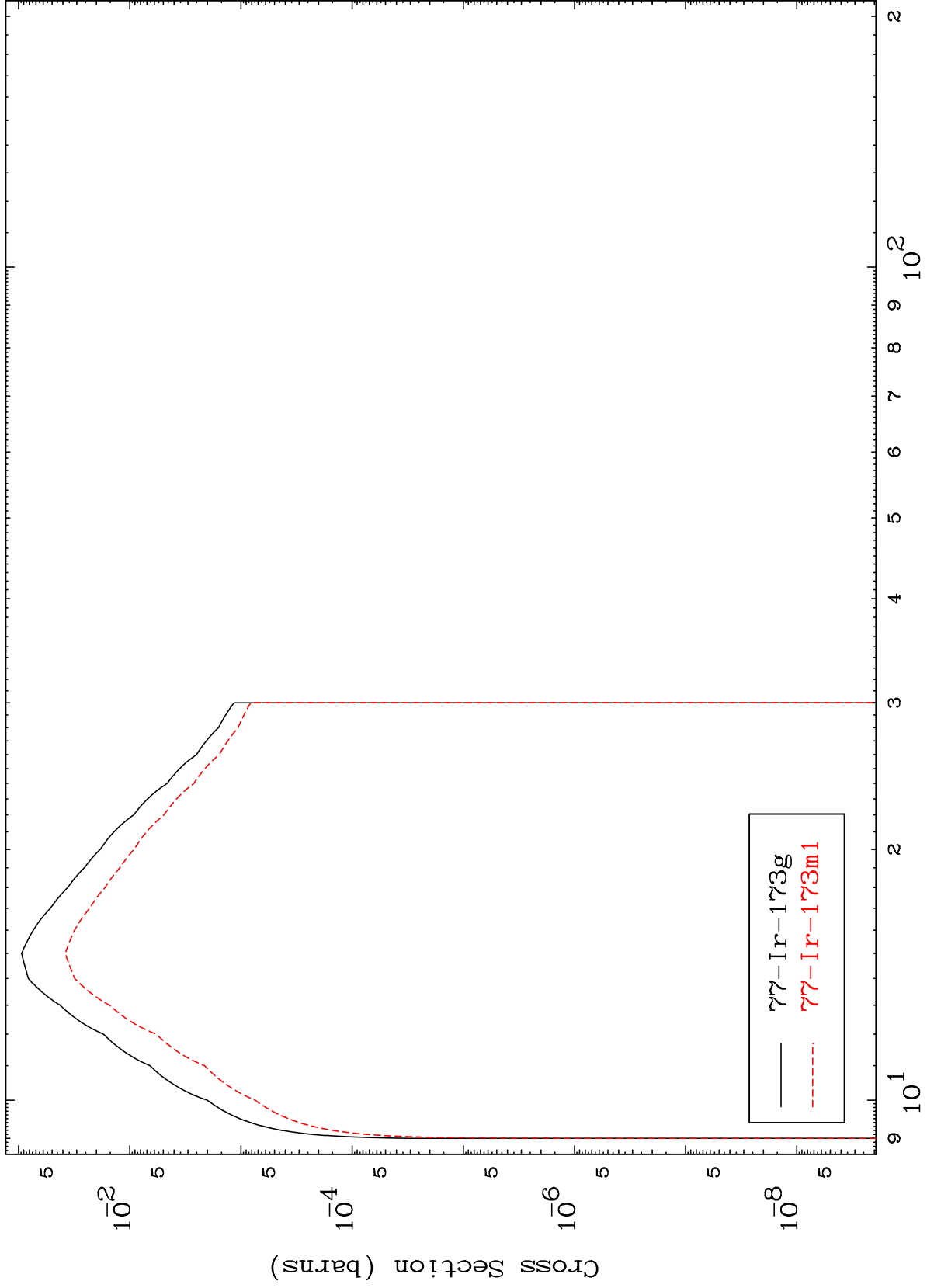
Incident Energy (MeV)

77-Ir-174

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Photon Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-174



11

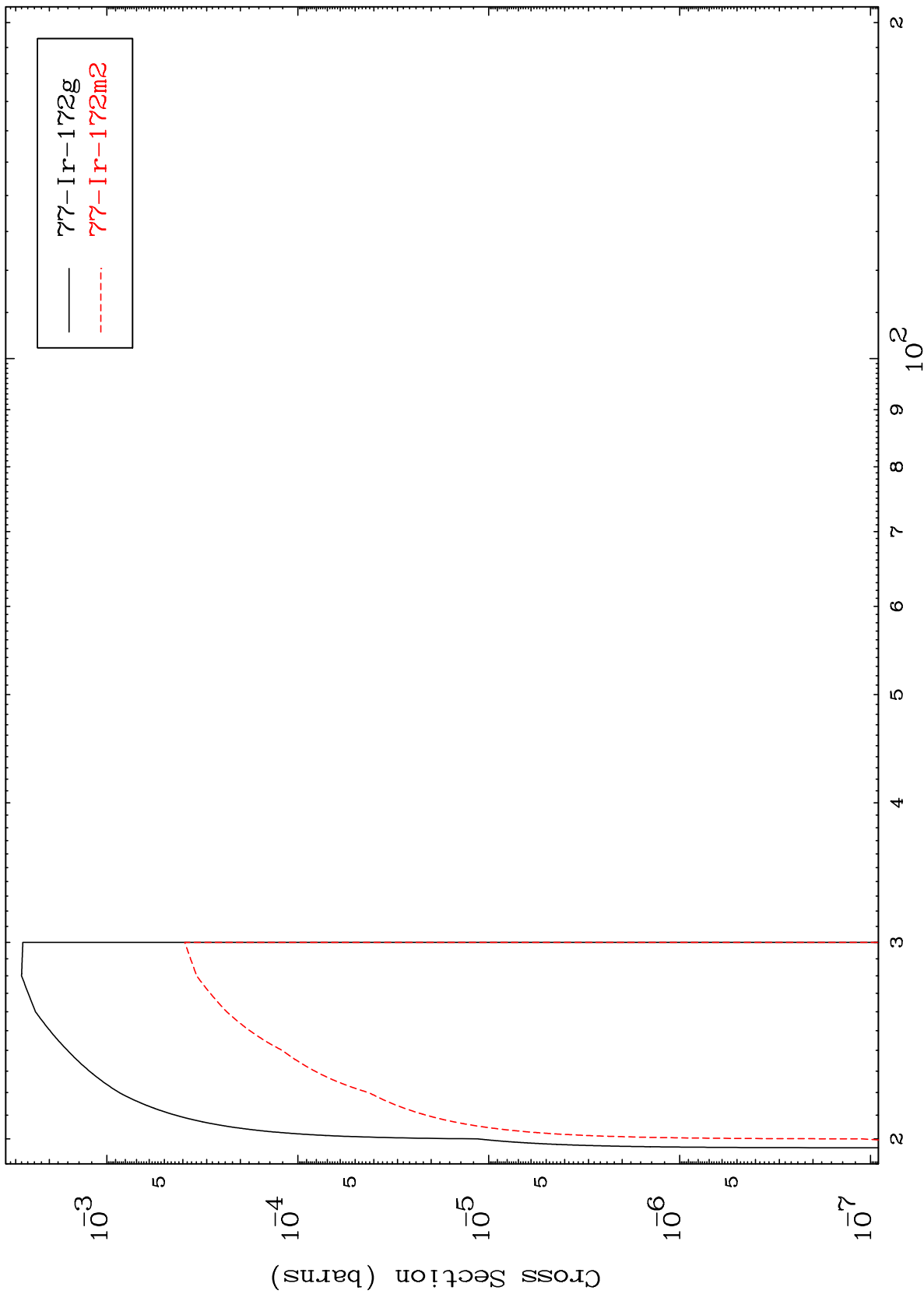
Incident Energy (MeV)

<sup>77</sup>Ir-174

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<sup>77</sup>Ir-174

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



<sup>77</sup>Ir-174

Incident Energy (MeV)

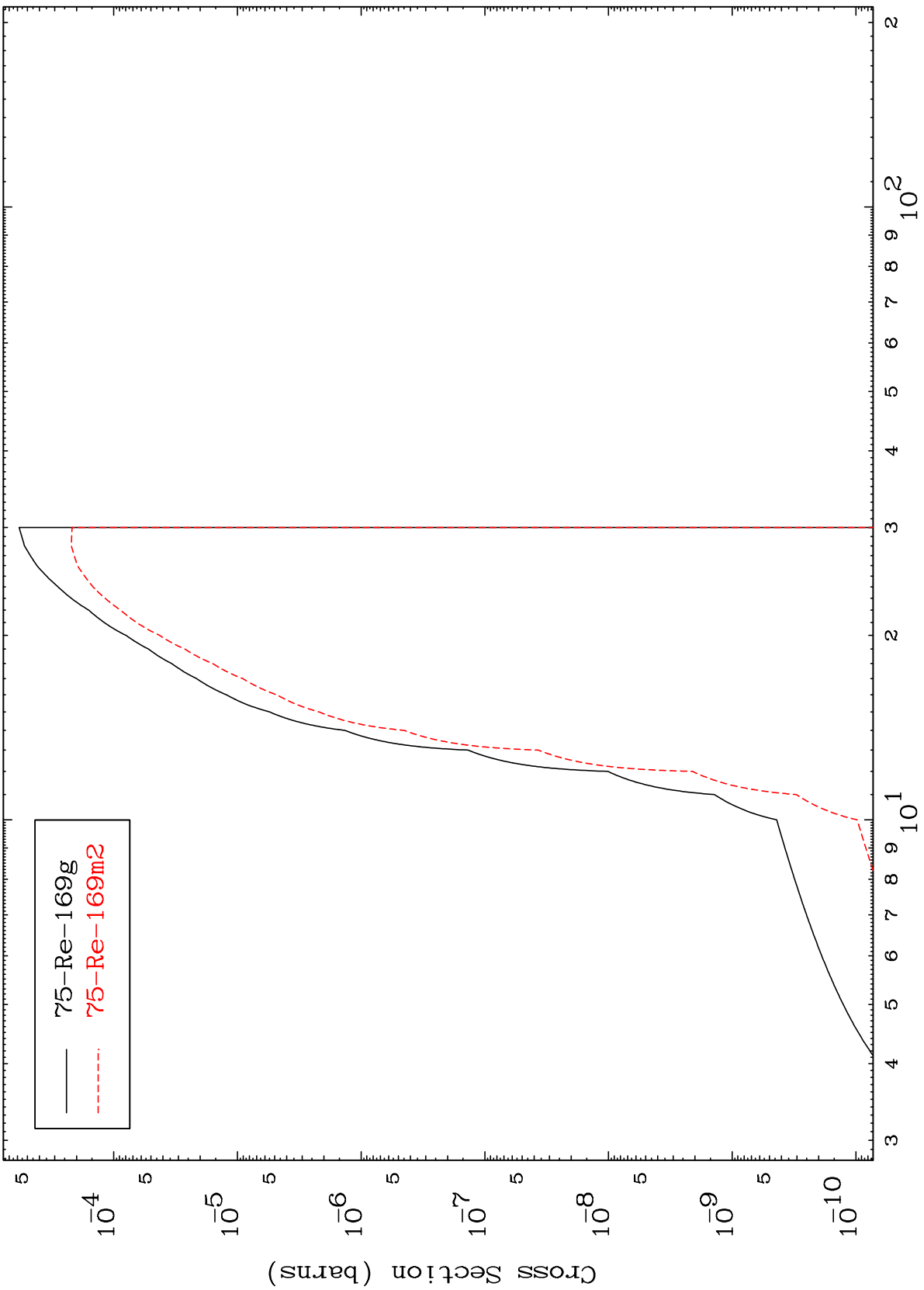
12

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77-Ir-174

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

Radionuclide Production Cross Section



13

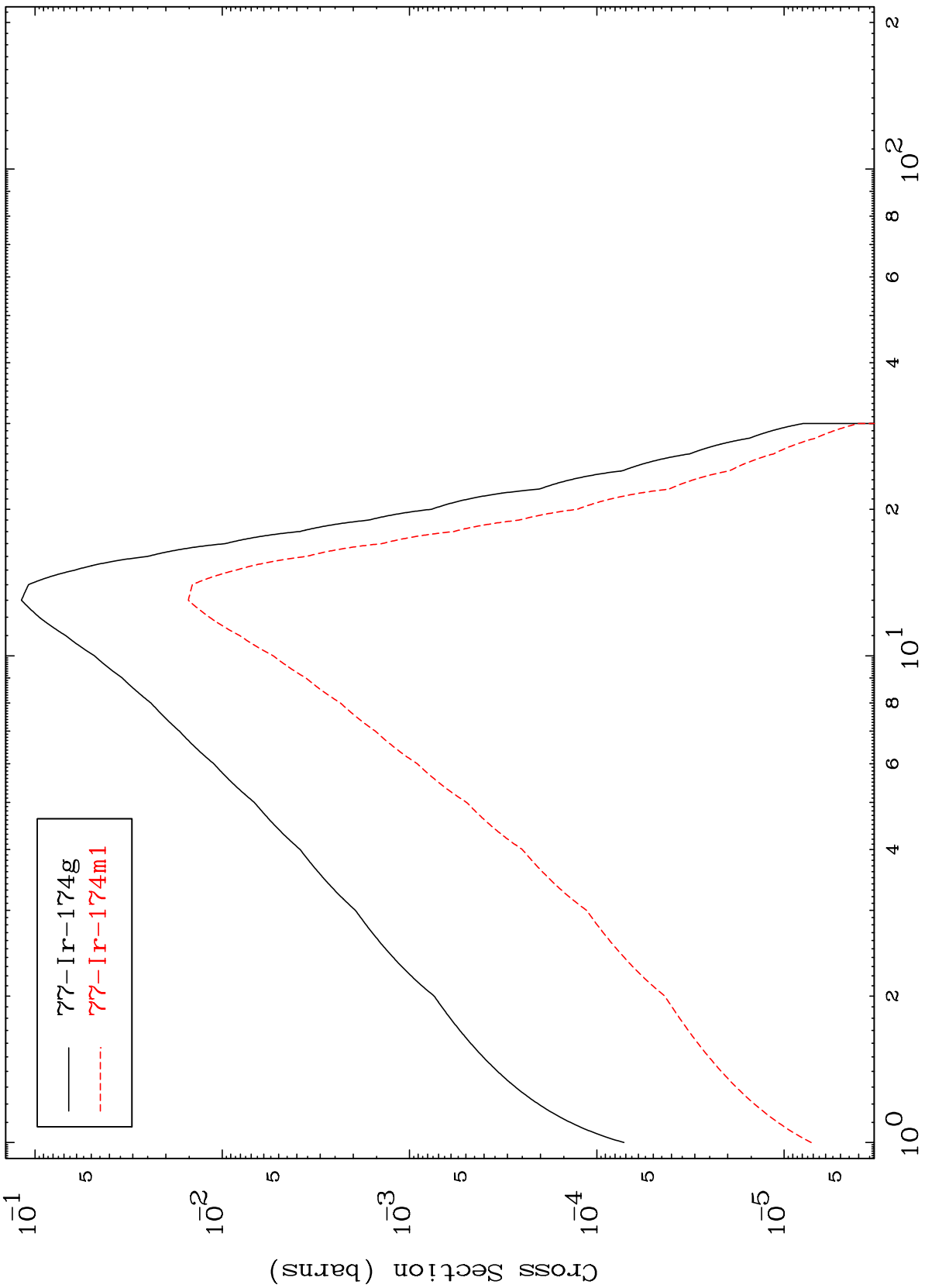
Incident Energy (MeV)

77-Ir-174

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<sup>77</sup>Ir-174

Radionuclide Production Cross Section



<sup>77</sup>Ir-174

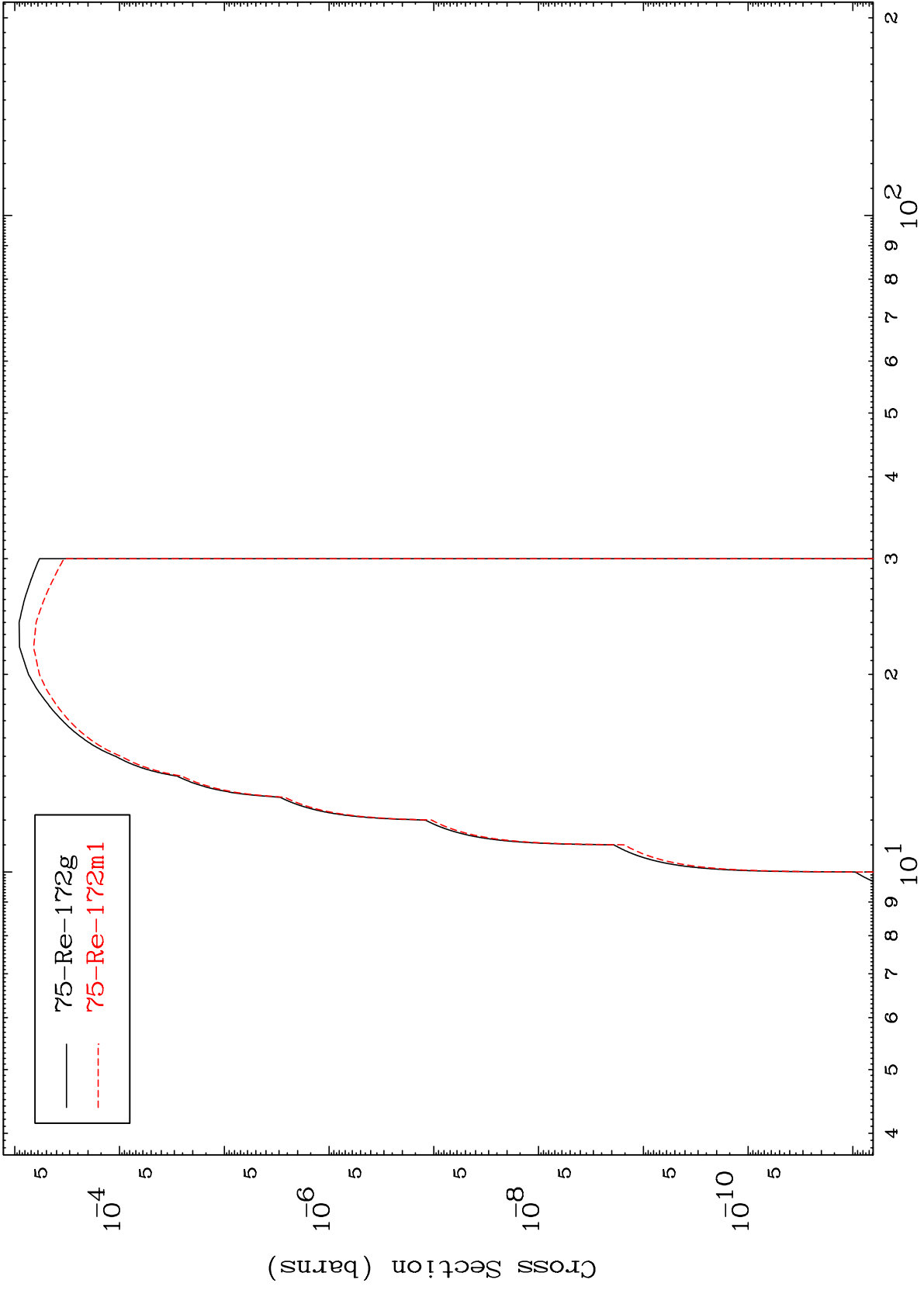
Incident Energy (MeV)

14

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77-Ir-174

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



15

Incident Energy (MeV)

77-Ir-174