

Program EVALPLOT  
(Version 2018-1)

by

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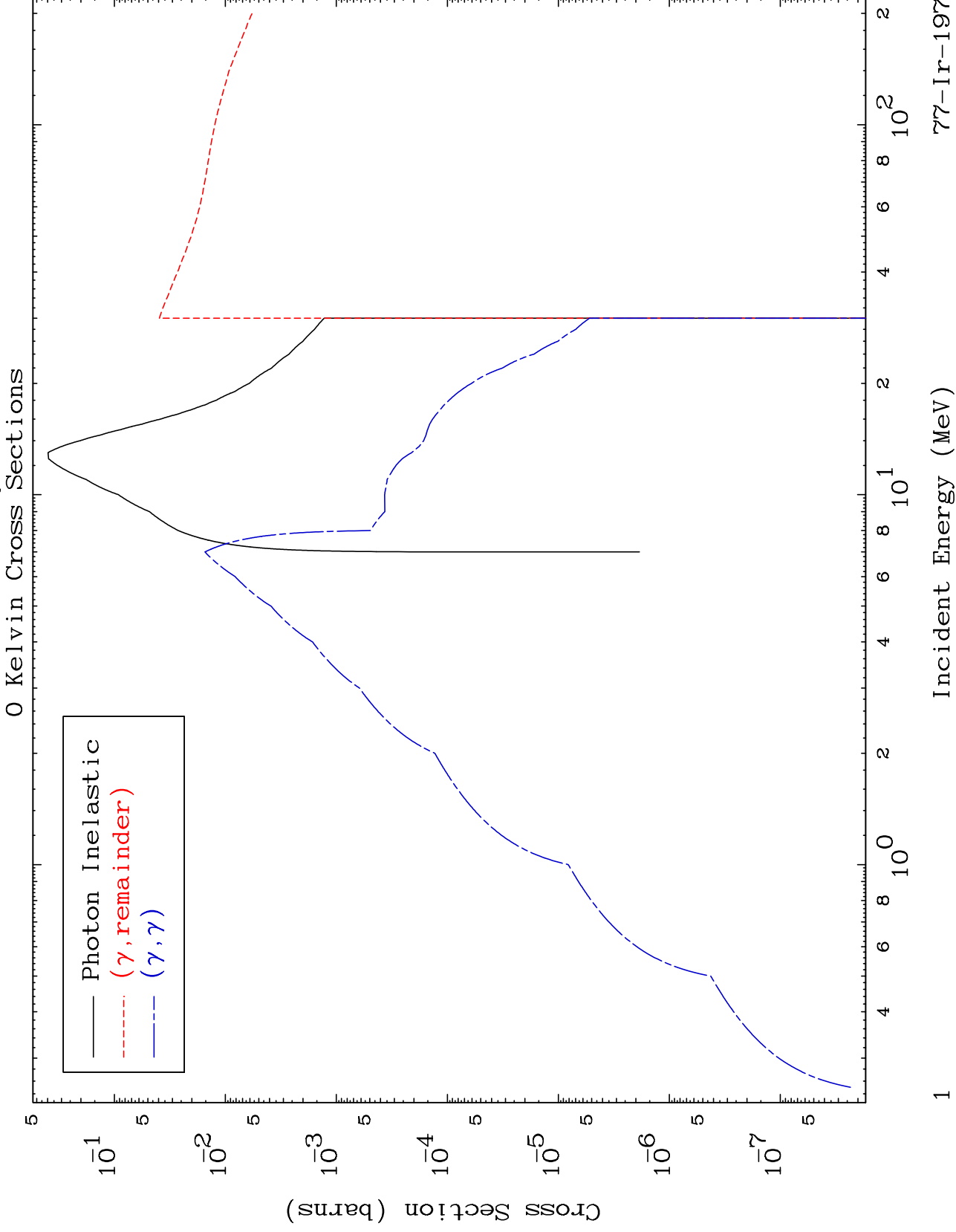
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7744

Photon Major

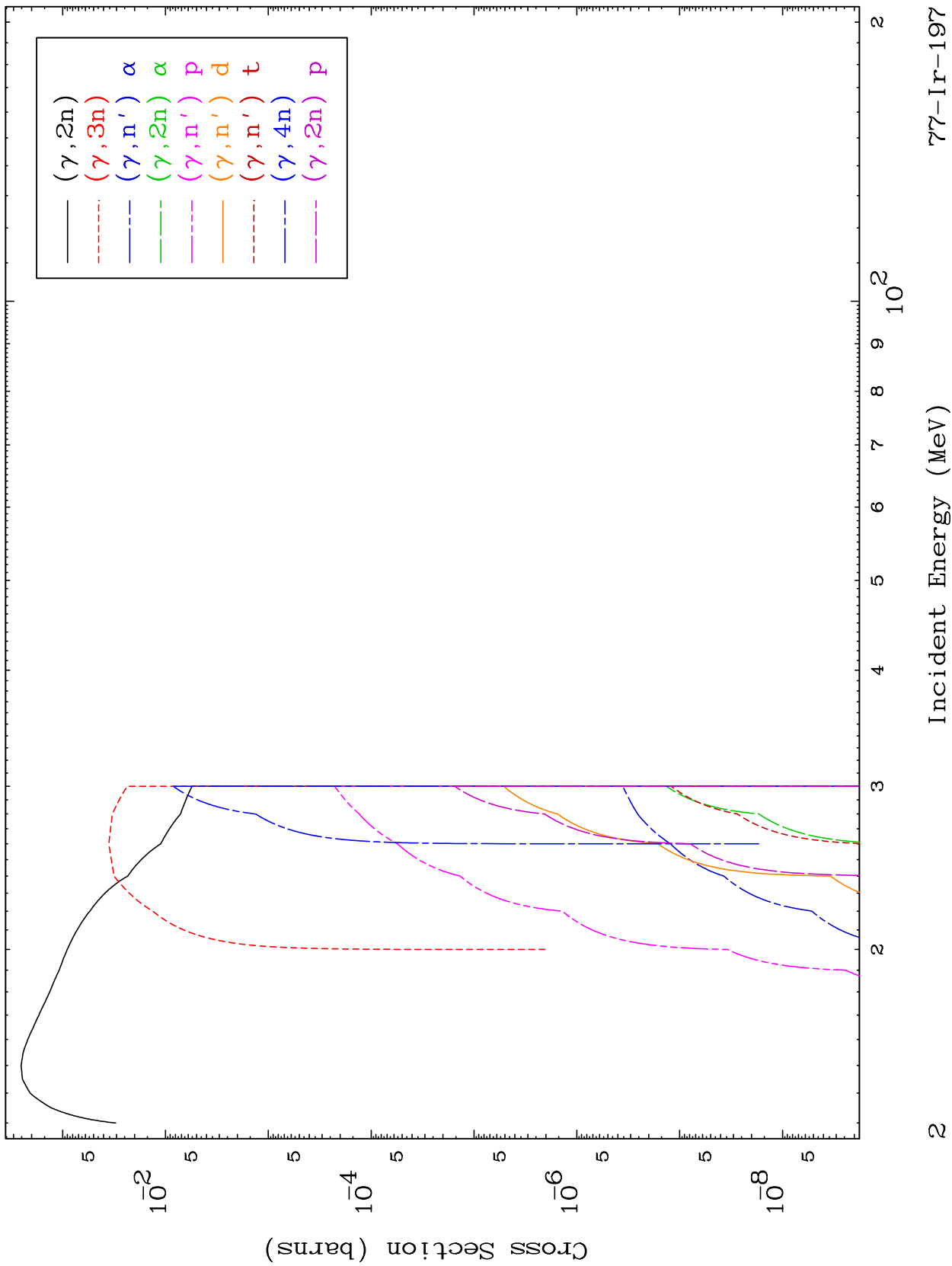
77-Ir-197



Incident Energy (MeV)

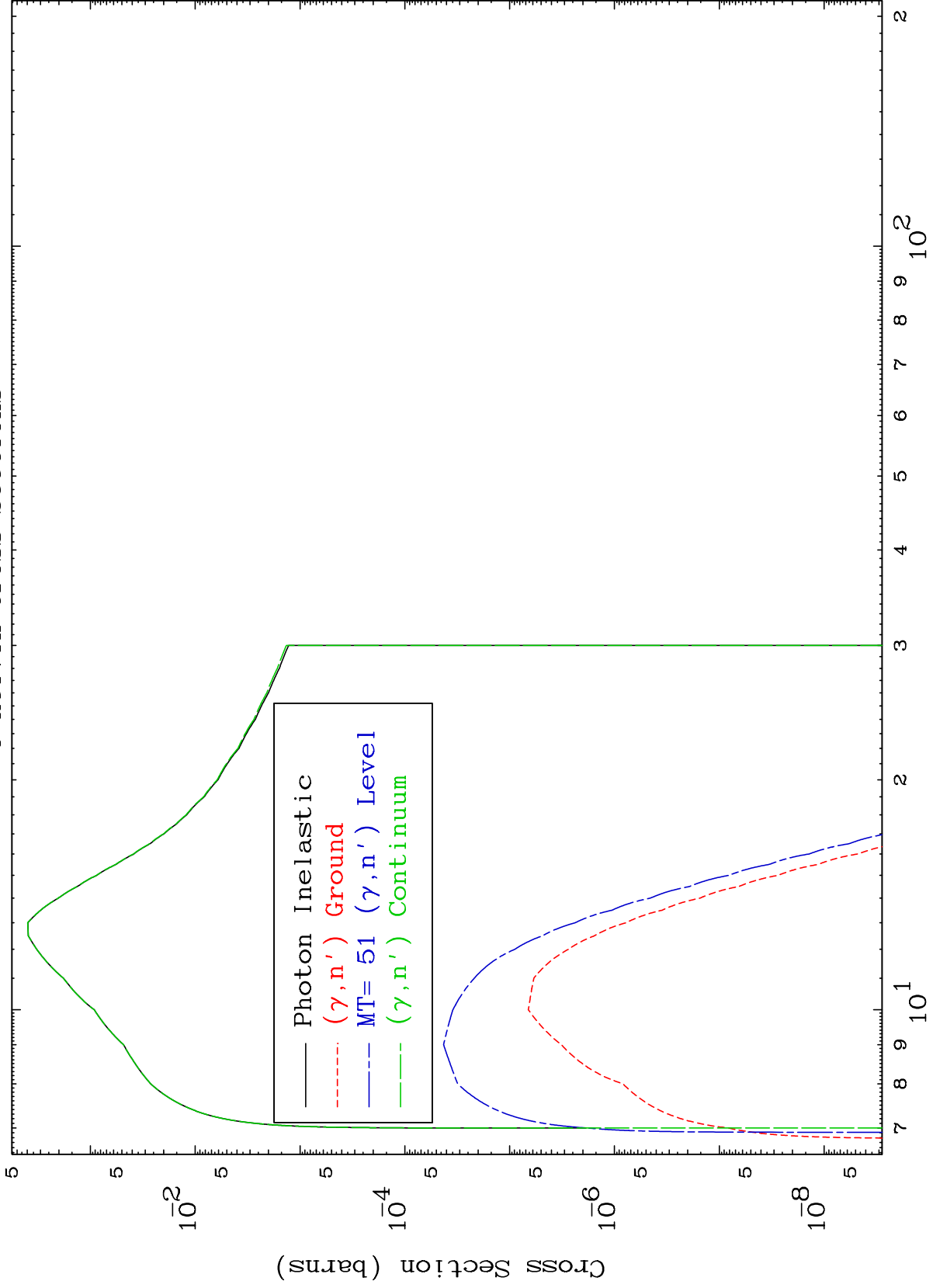
77-Ir-197

1





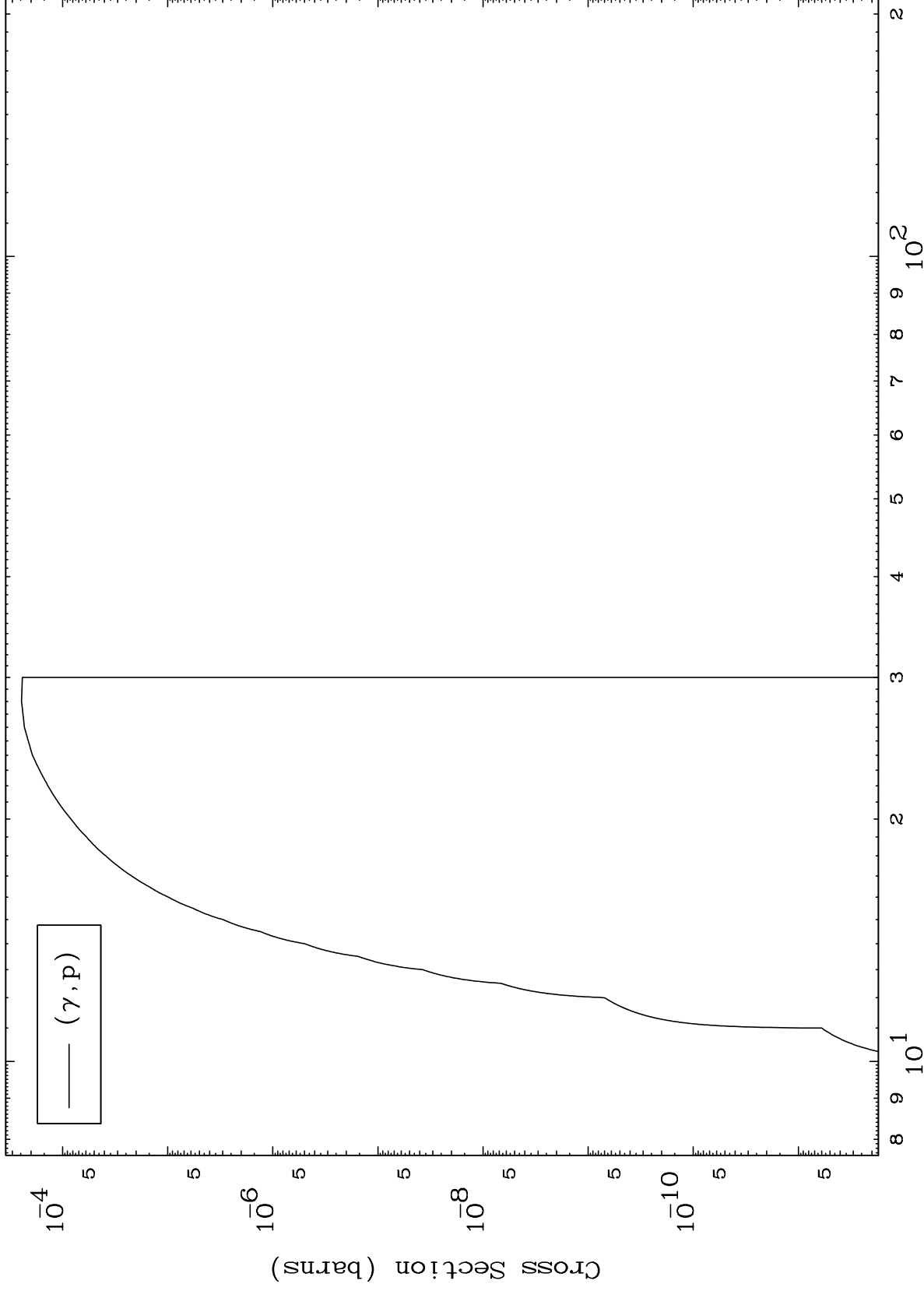
0 Kelvin Cross Sections



MAT 7744

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

77-Ir-197



Incident Energy (MeV)

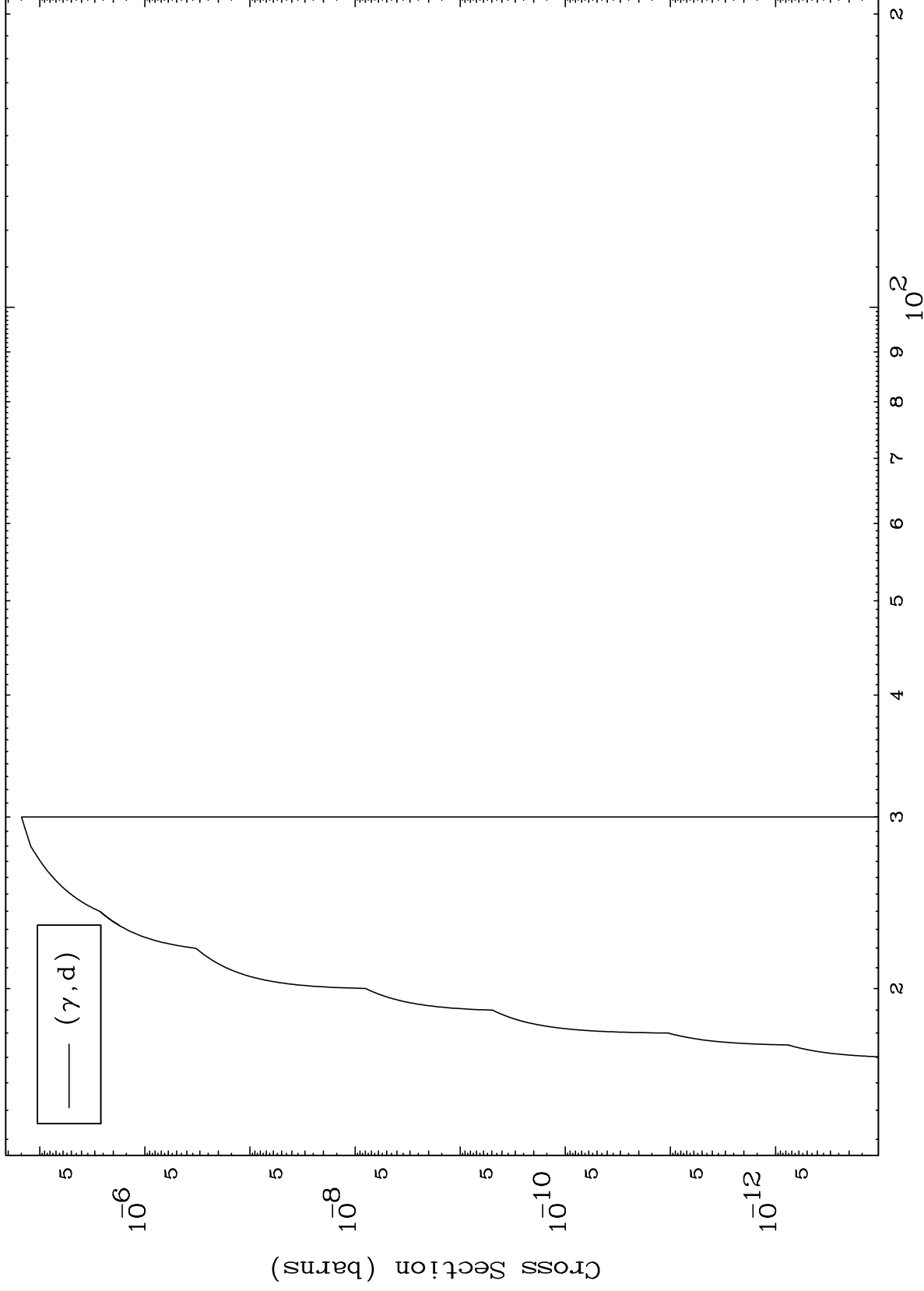
77-Ir-197

5

MAT 7744

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

77-Ir-197



6

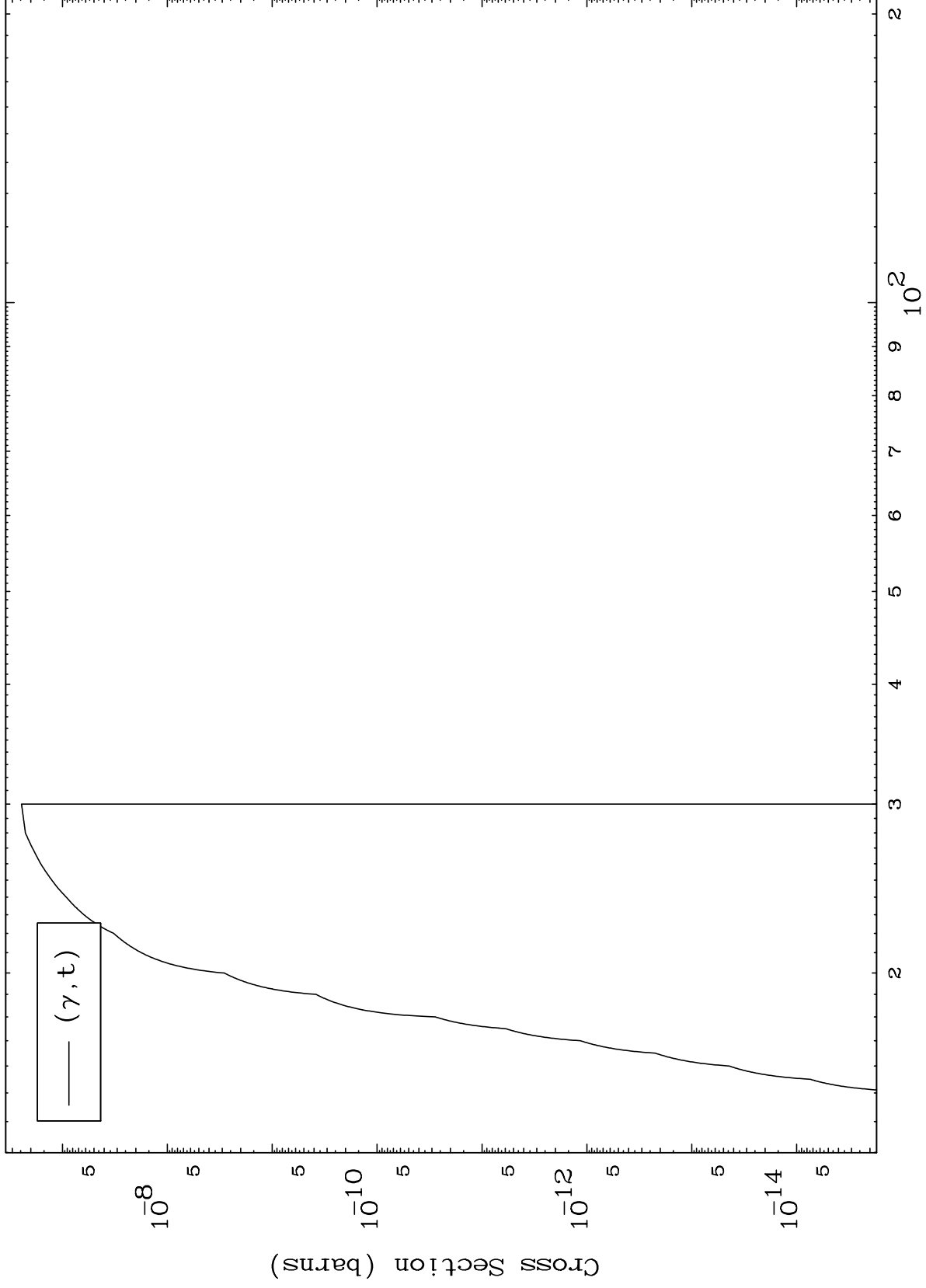
Incident Energy (MeV)

77-Ir-197

MAT 7744

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

77-Ir-197

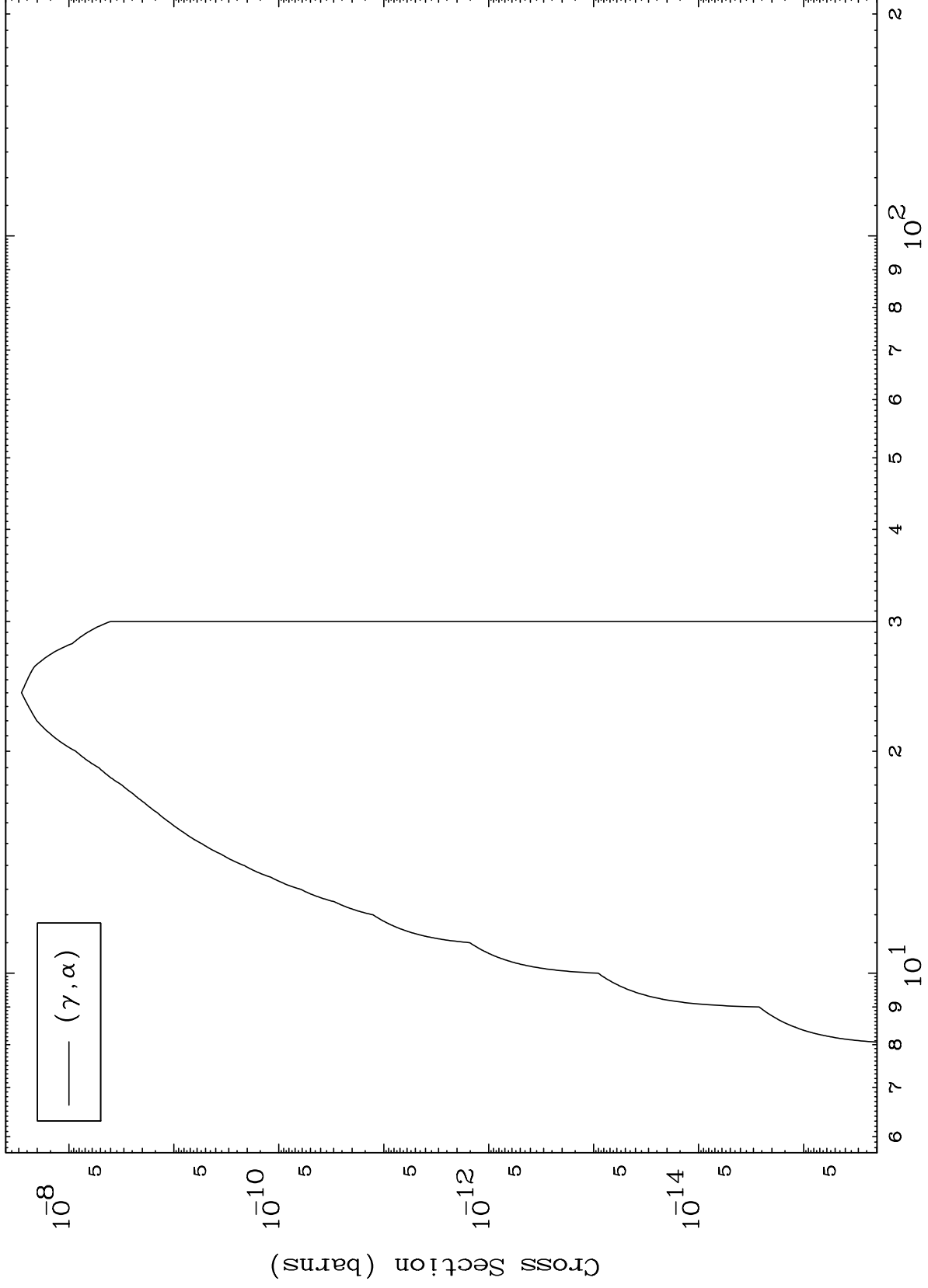


7

Incident Energy (MeV)

77-Ir-197

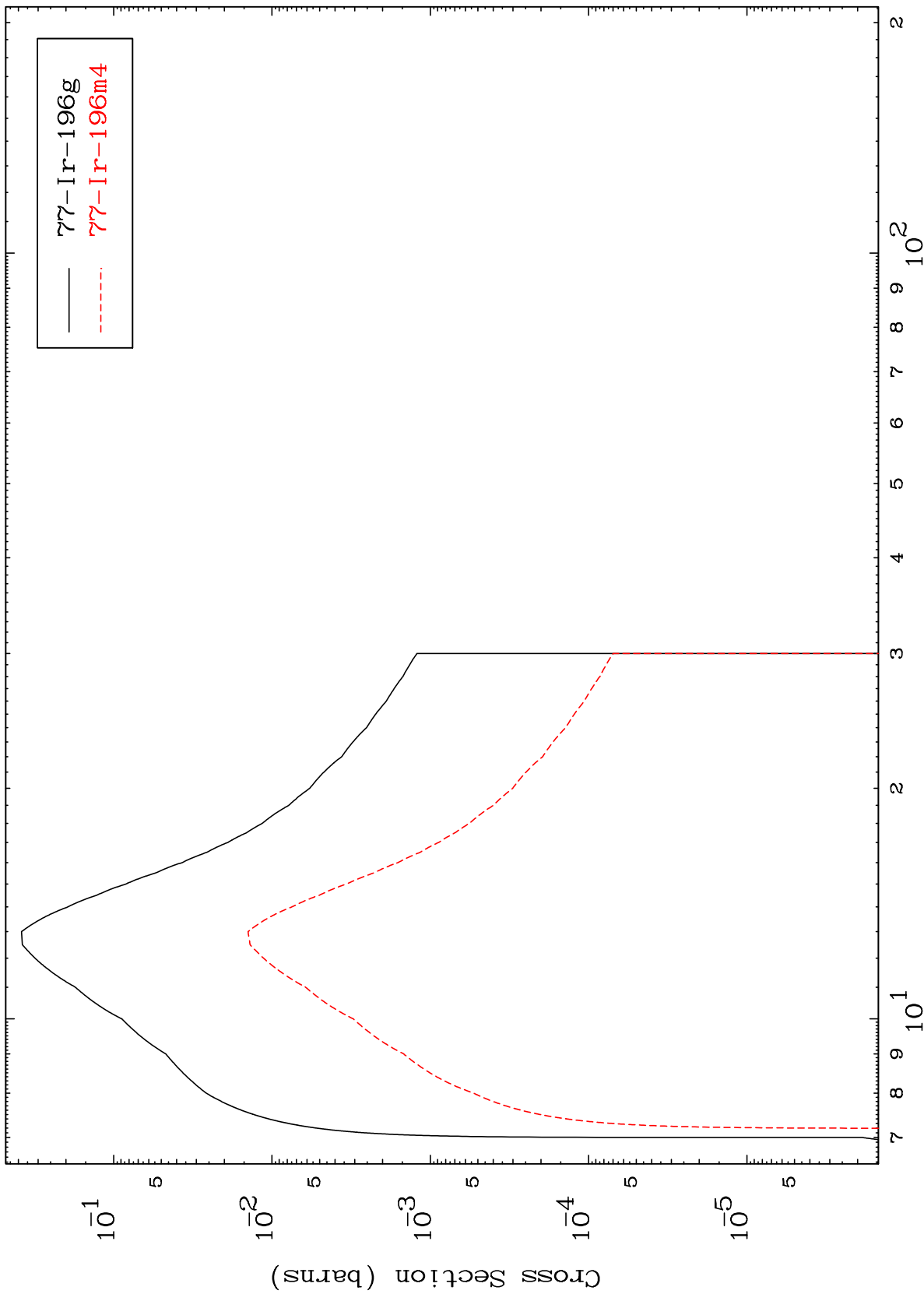




MAT 7744

77-Ir-197

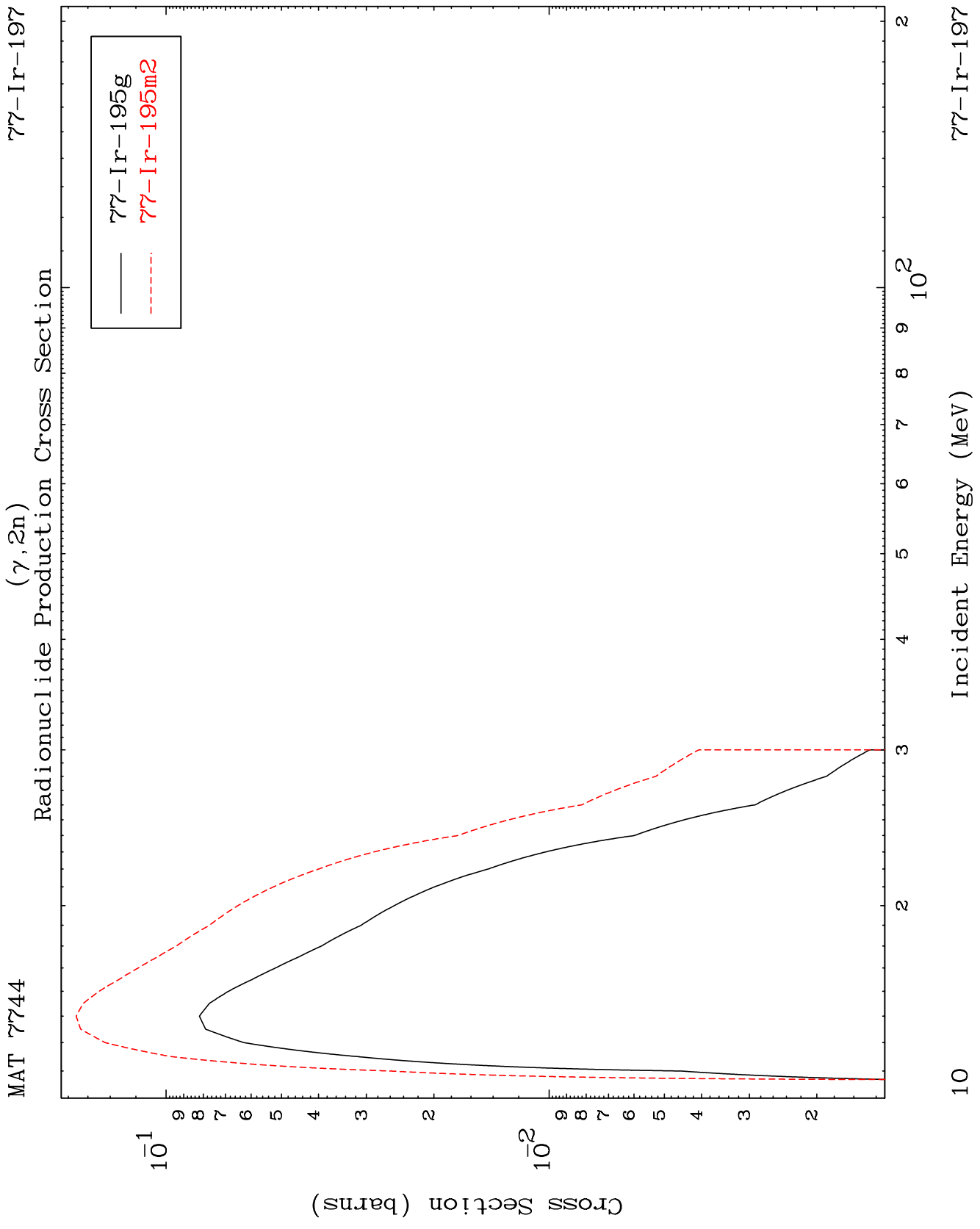
Photon Inelastic  
Radionuclide Production Cross Section



77-Ir-197

Incident Energy (MeV)

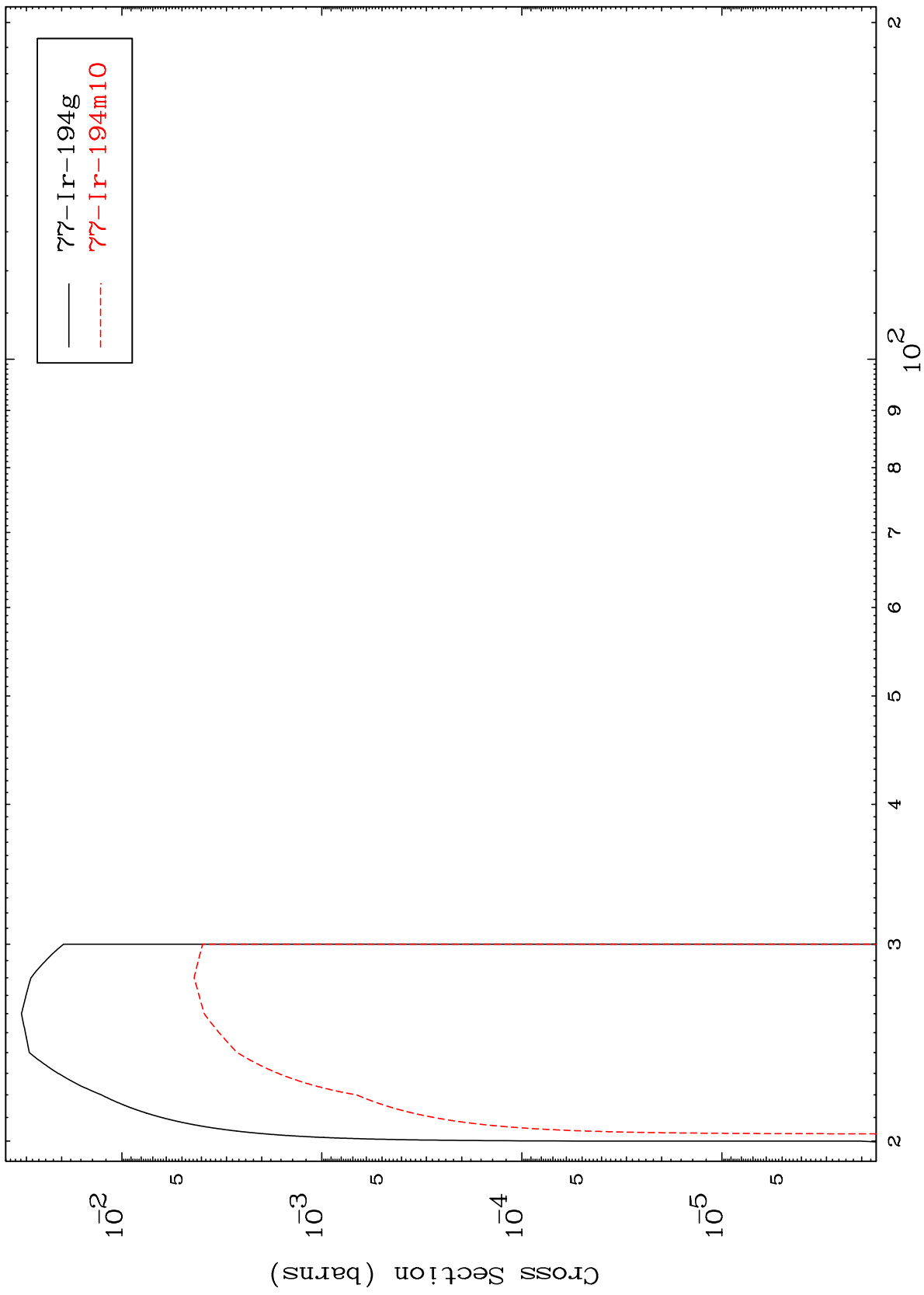
9



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77-Ir-197

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



77-Ir-197

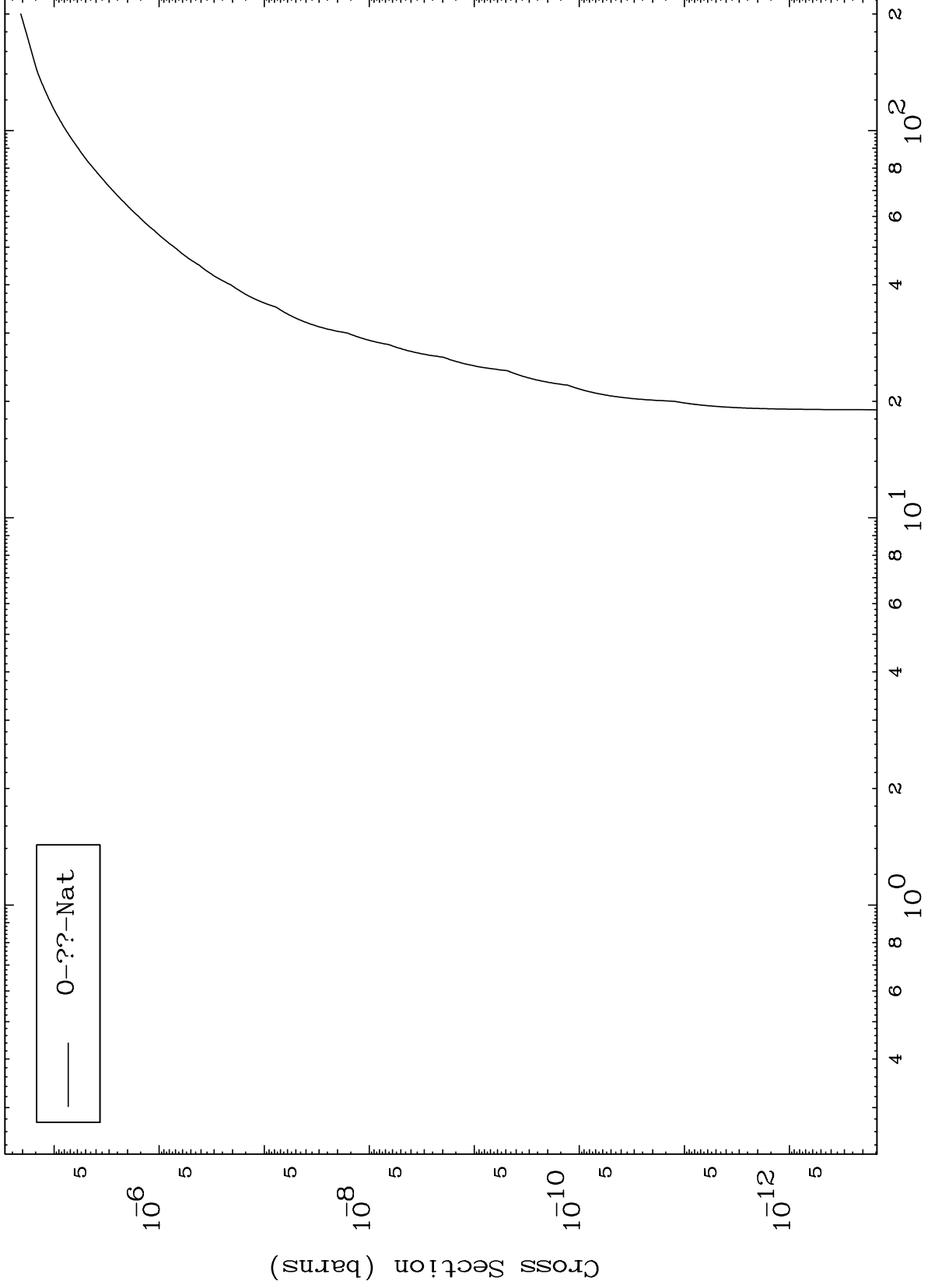
Incident Energy (MeV)

11

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Photon Fission  
Radionuclide Production Cross Section

77-Ir-197

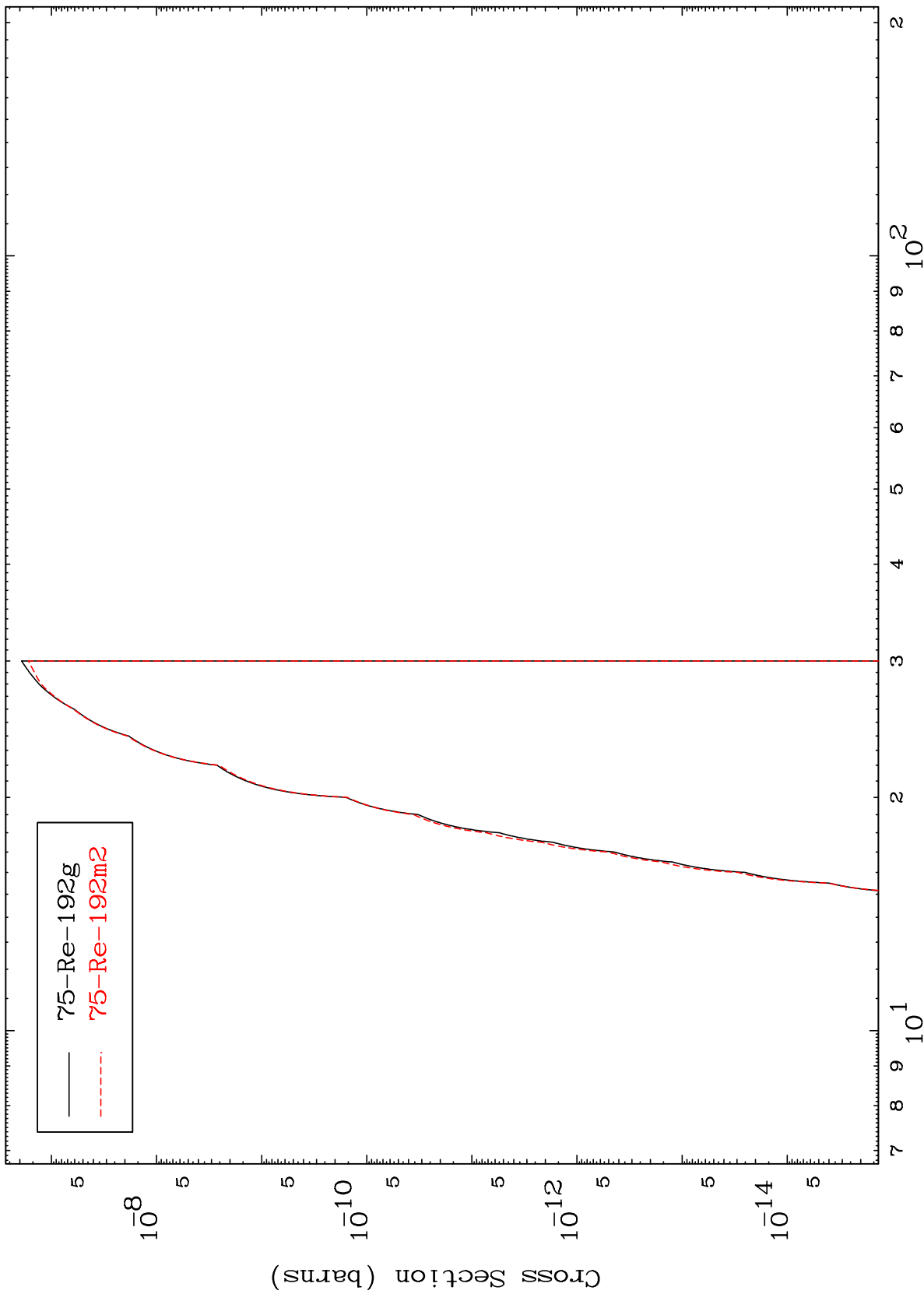


MAT 7744

77-Ir-197

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

Radionuclide Production Cross Section



13

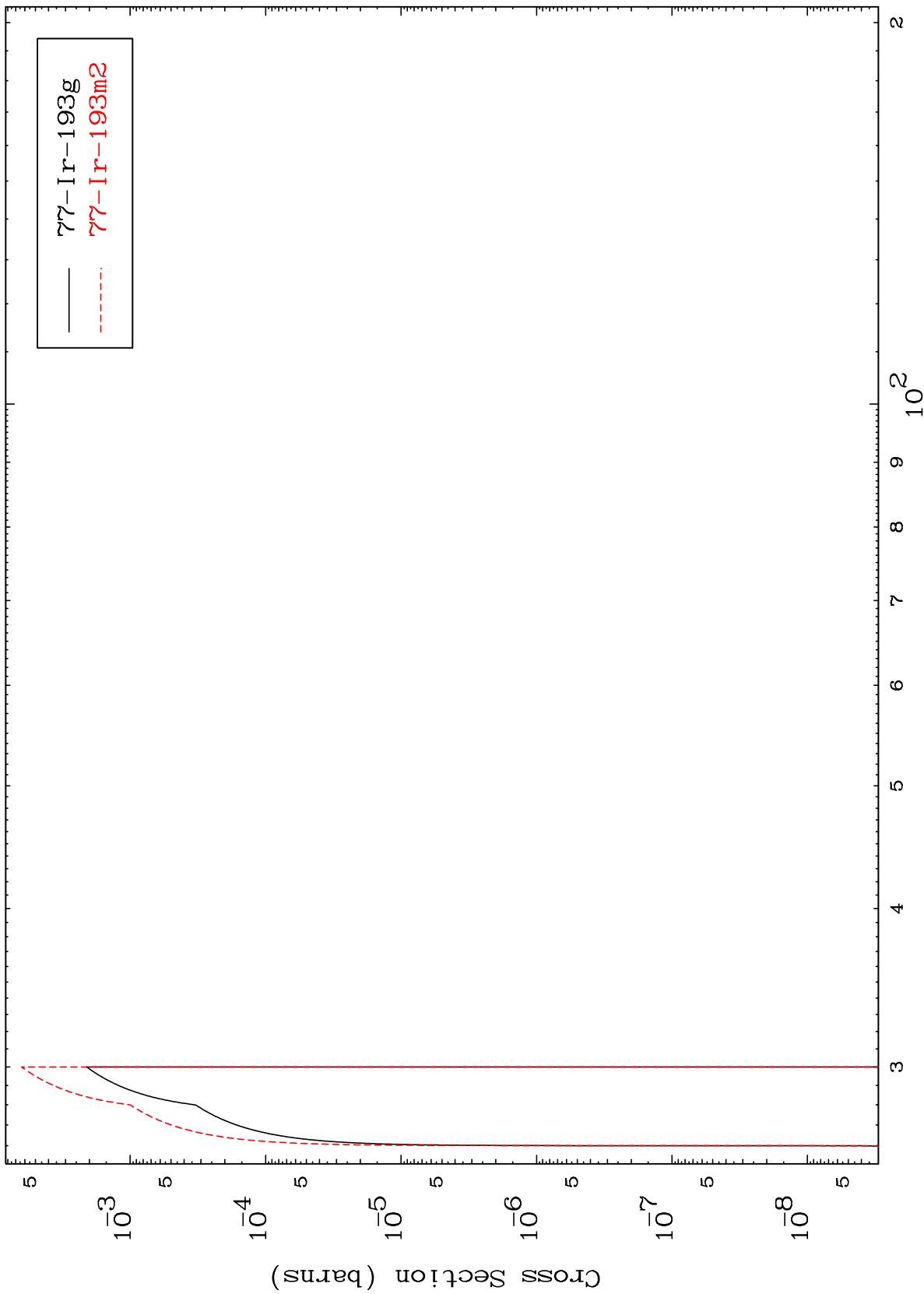
Incident Energy (MeV)

77-Ir-197

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77-Ir-197

( $\gamma, 4n$ )  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

77-Ir-197

MAT 7744

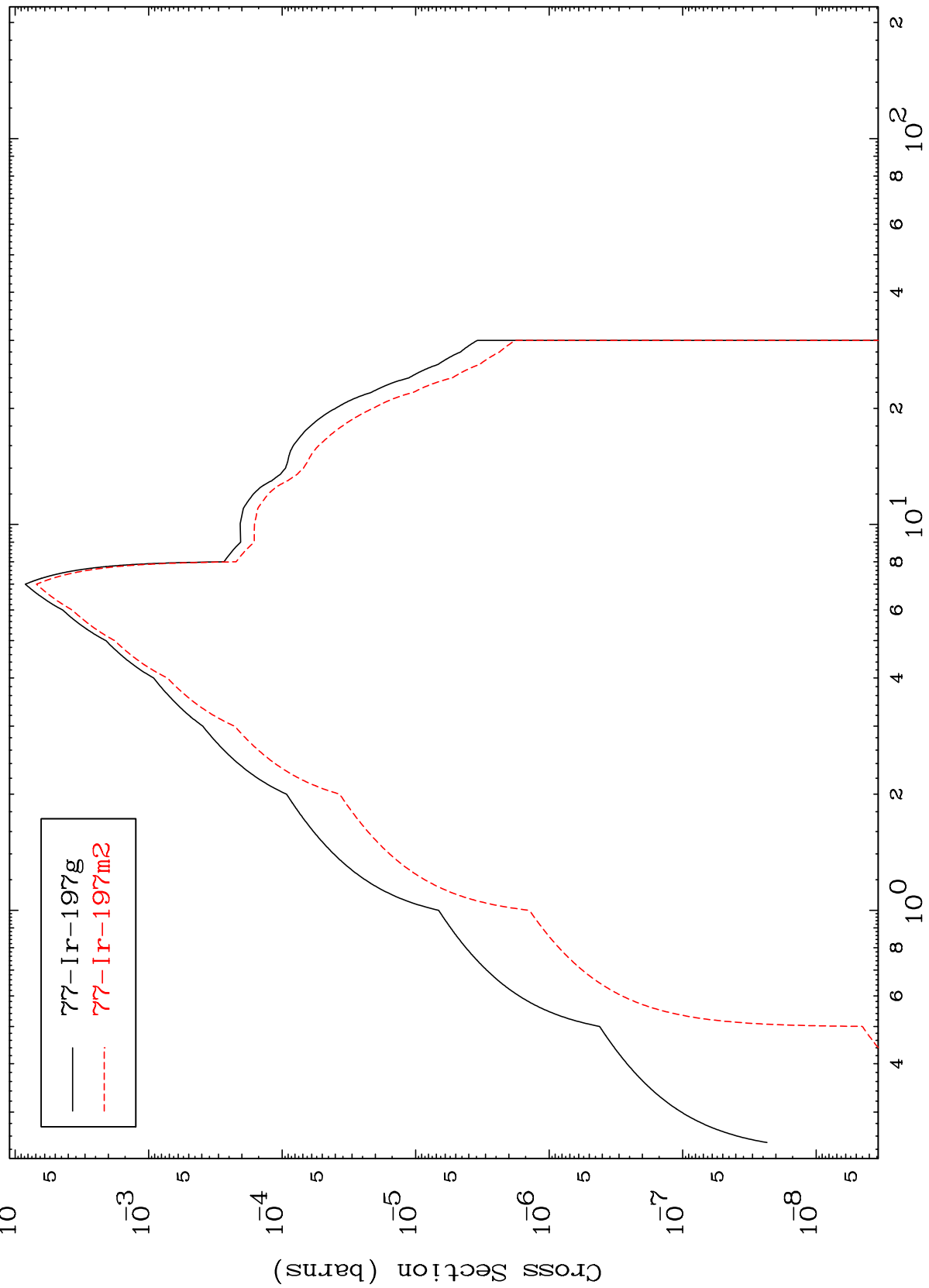
<sup>77</sup>Ir-197

Radionuclide Production Cross Section

( $\gamma, \gamma$ )

<sup>77</sup>Ir-197

Cross Section (barns)



Legend:  
— <sup>77</sup>Ir-197g  
- - - <sup>77</sup>Ir-197m2