

Program EVALPLOT  
(Version 2021-1)

by

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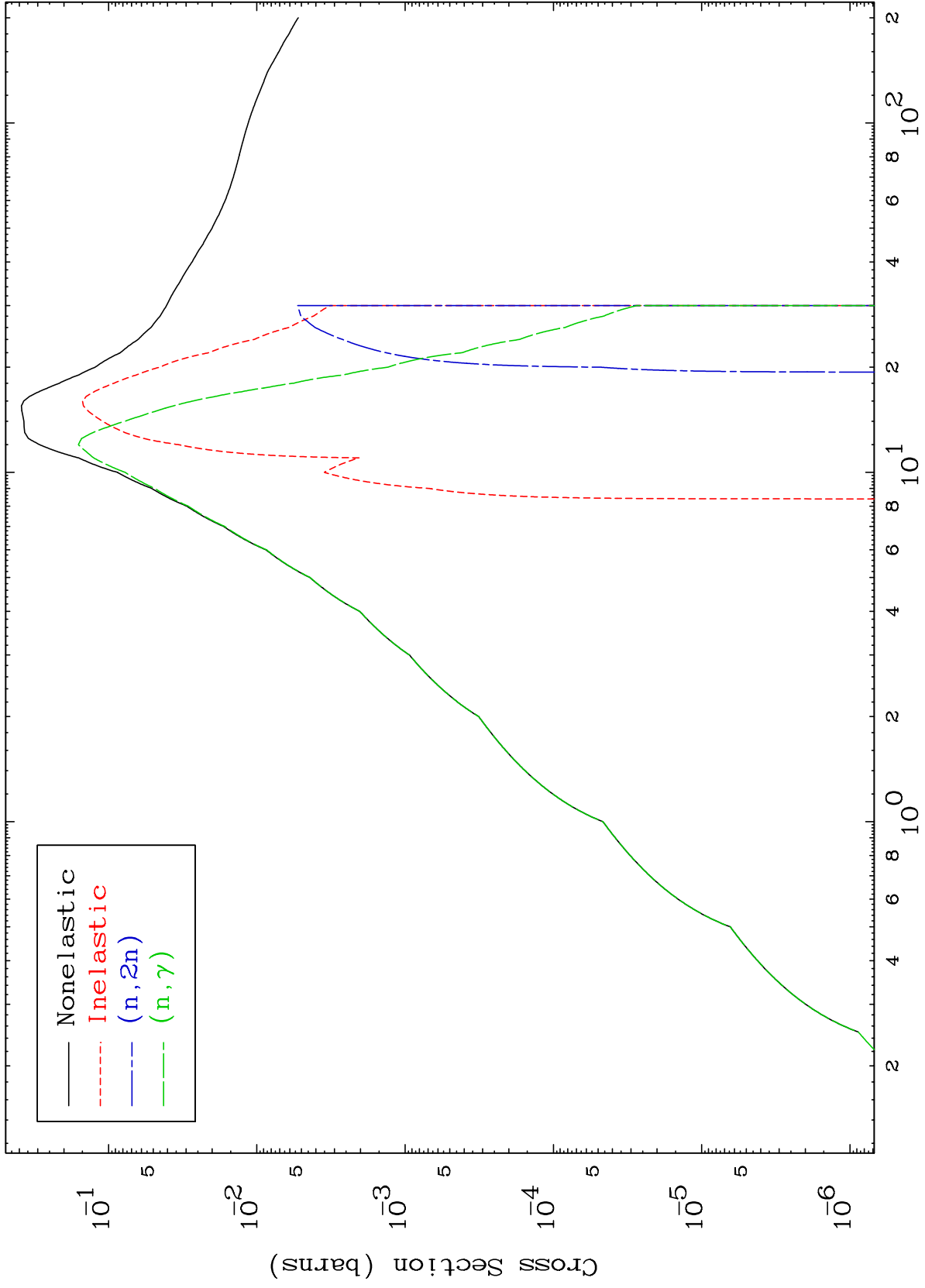
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7675

Photon Major  
0 Kelvin Cross Sections

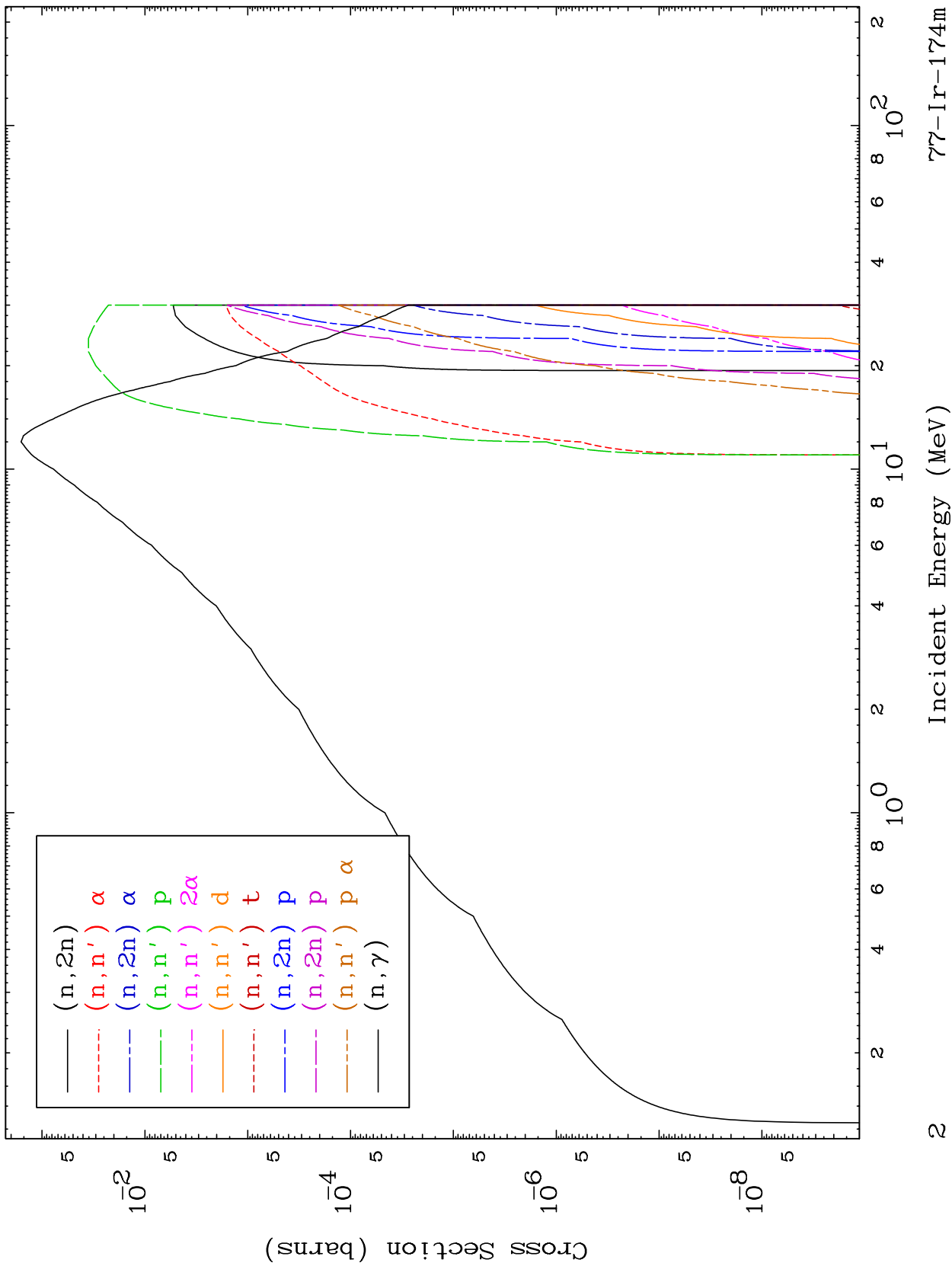
77-Ir-174m



MAT 7675

Photon Neutron Absorption  
0 Kelvin Cross Sections

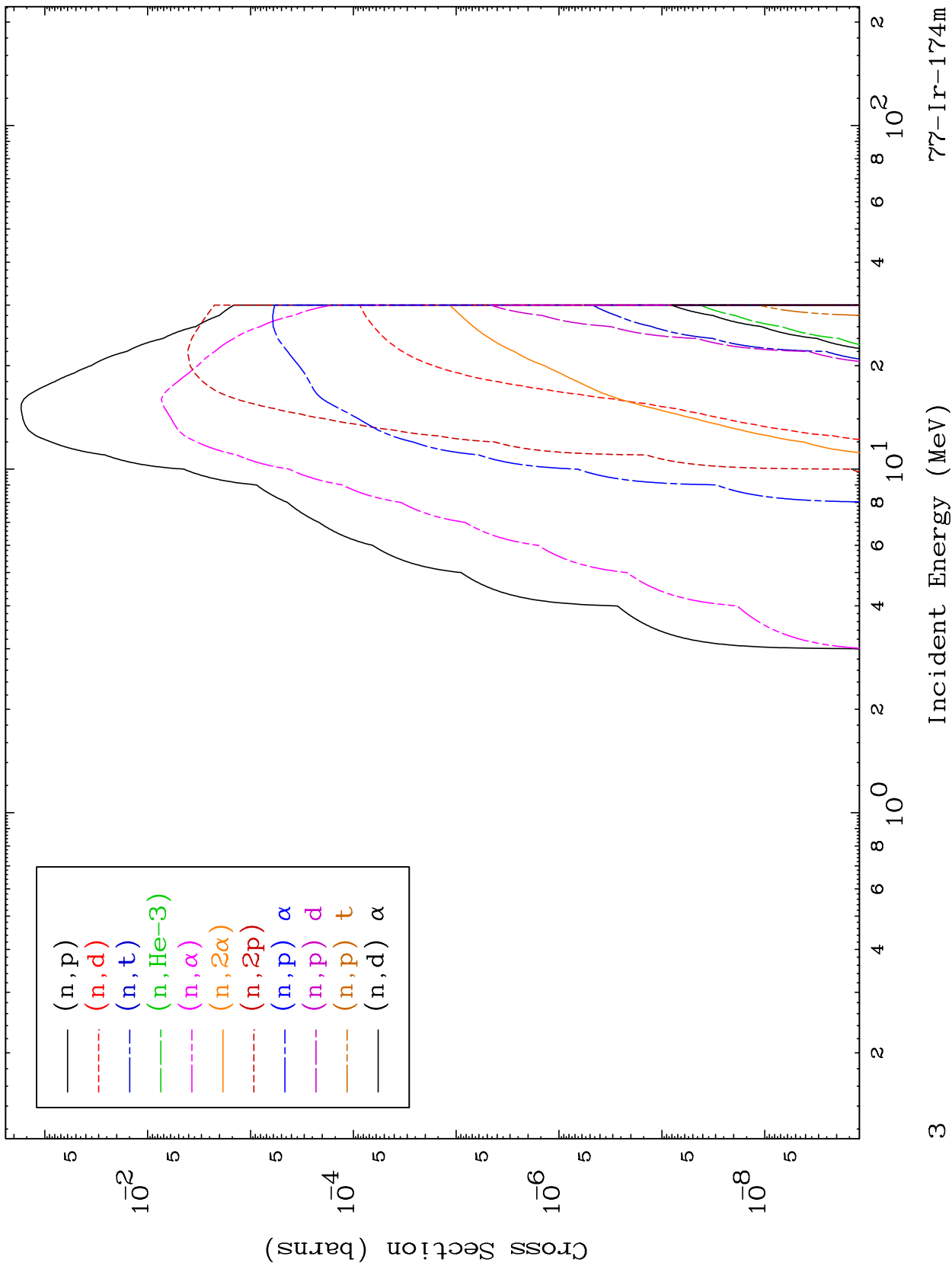
77-Ir-174m



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Photon Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-174m



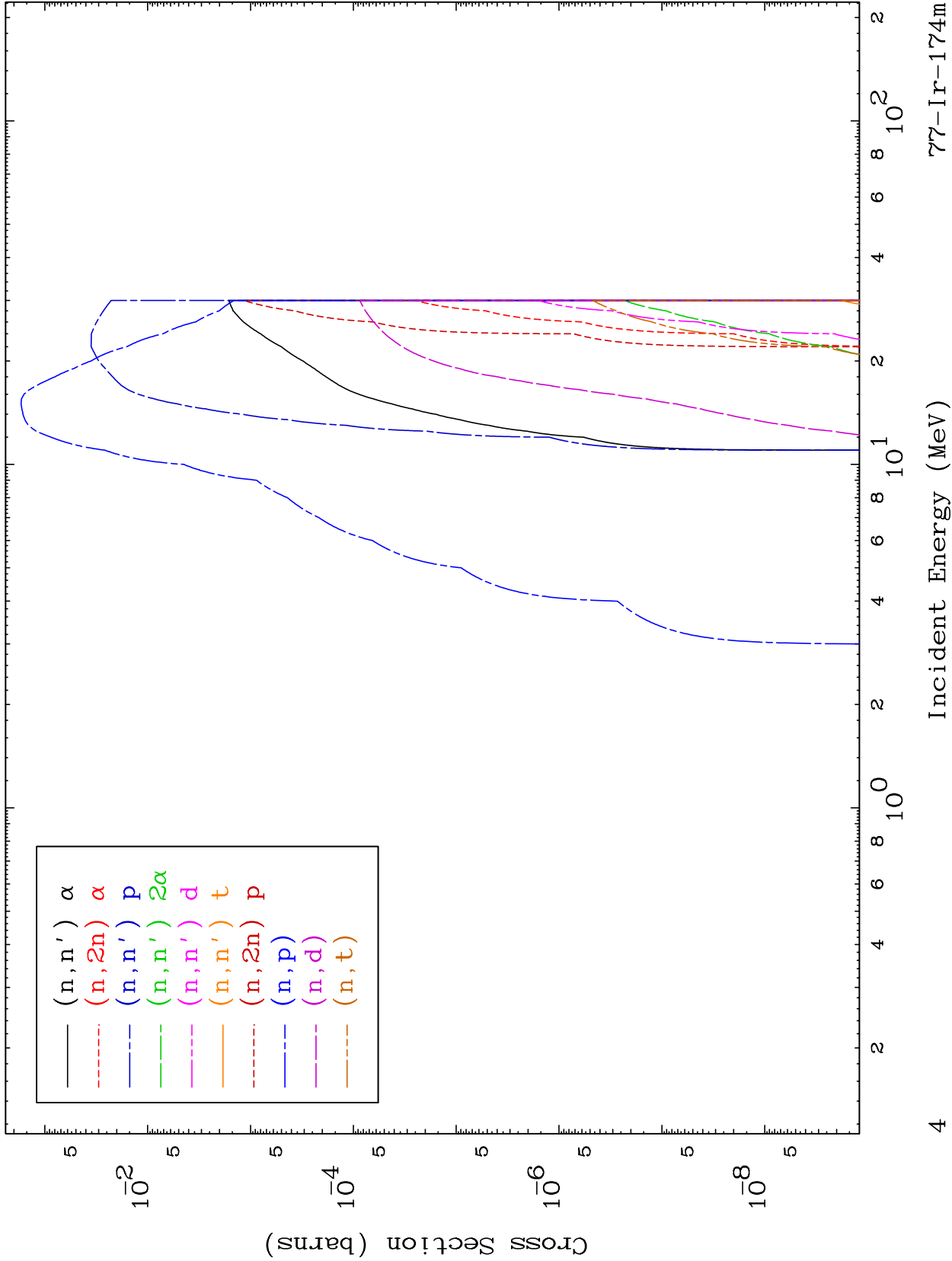
77-Ir-174m

Incident Energy (MeV)

MAT 7675

Photon Charged Particle  
0 Kelvin Cross Sections

77-Ir-174m

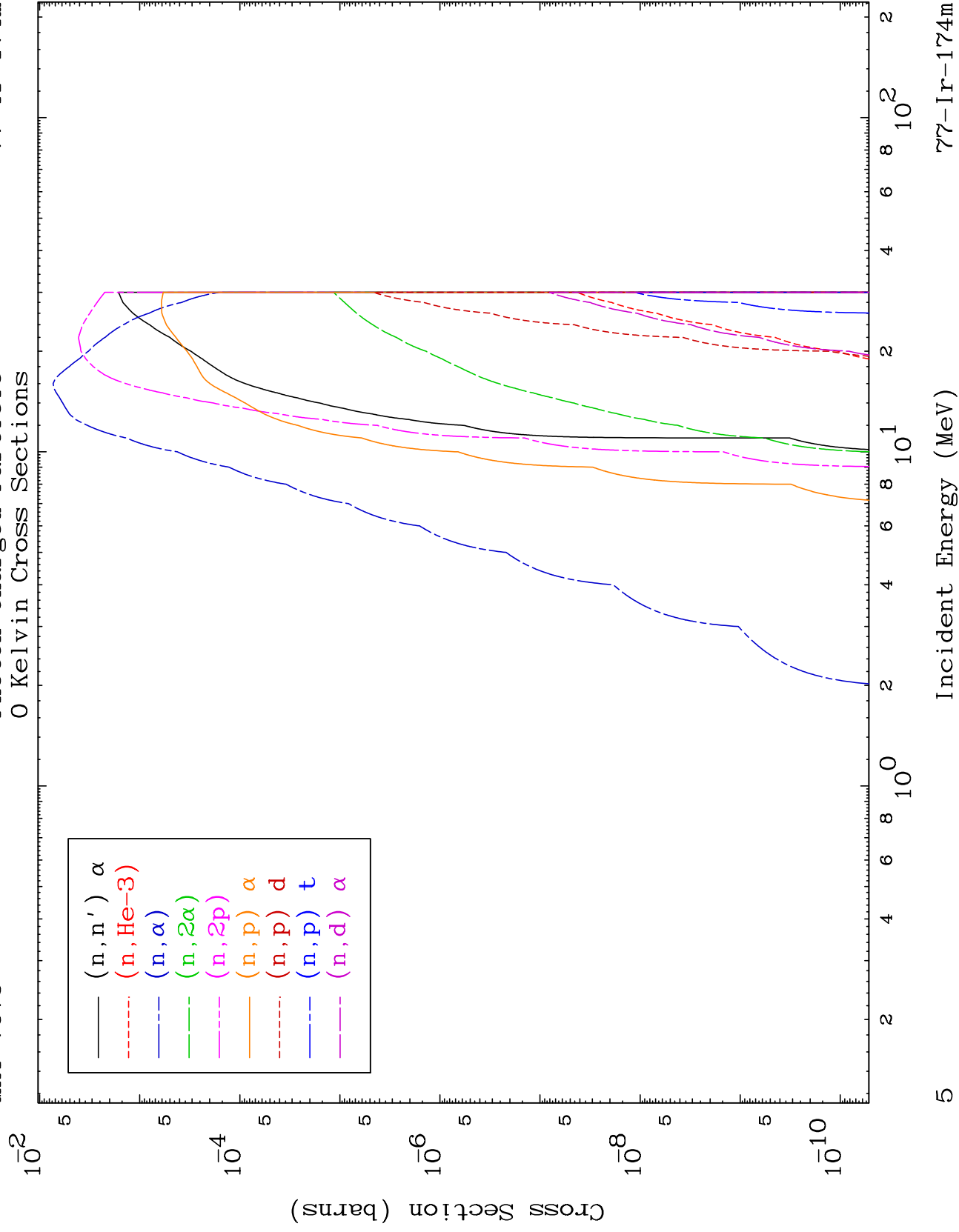


77-Ir-174m

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Photon Charged Particle  
0 Kelvin Cross Sections

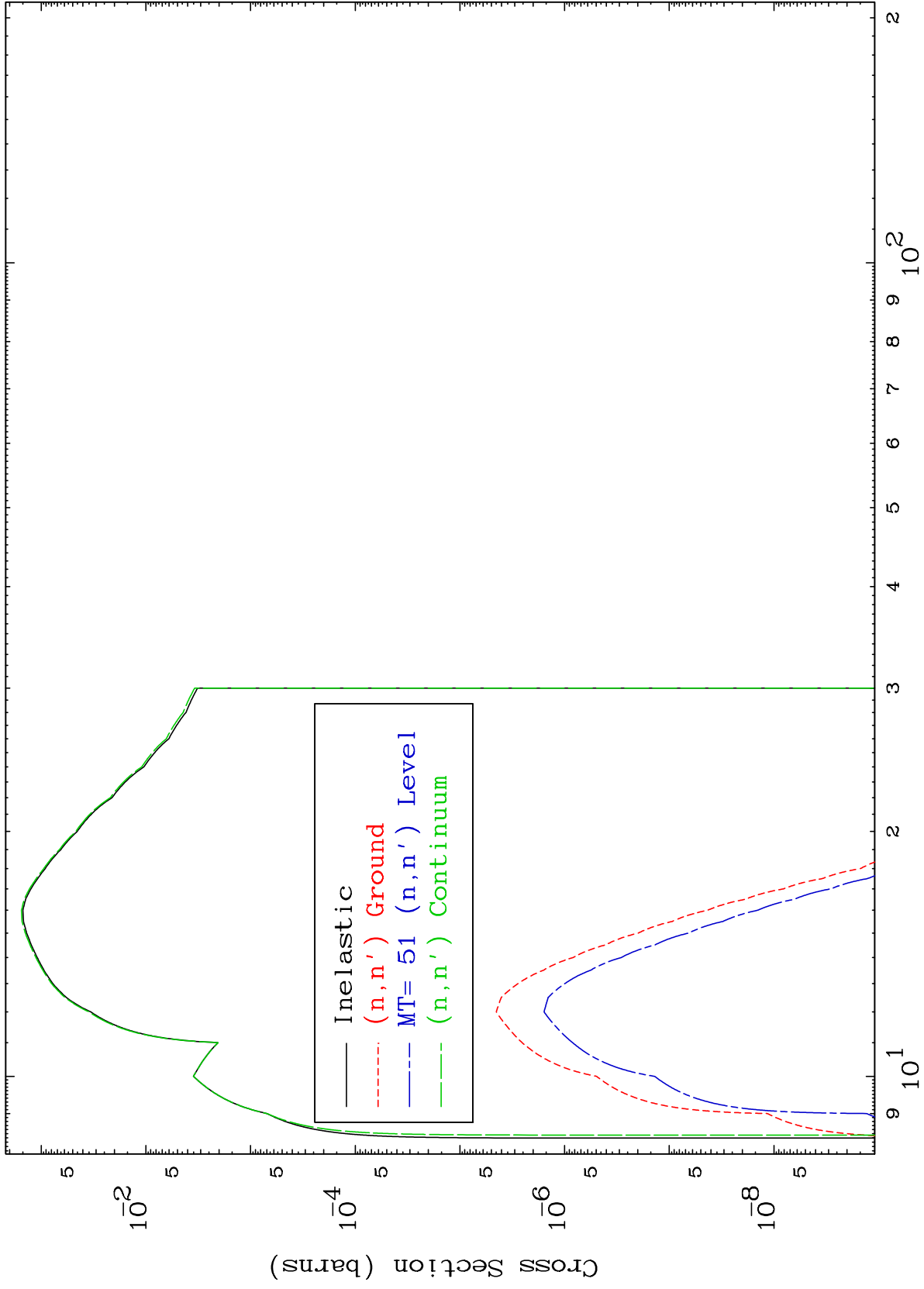
77-Ir-174m



MAT 7675

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

77-Ir-174m



Incident Energy (MeV)

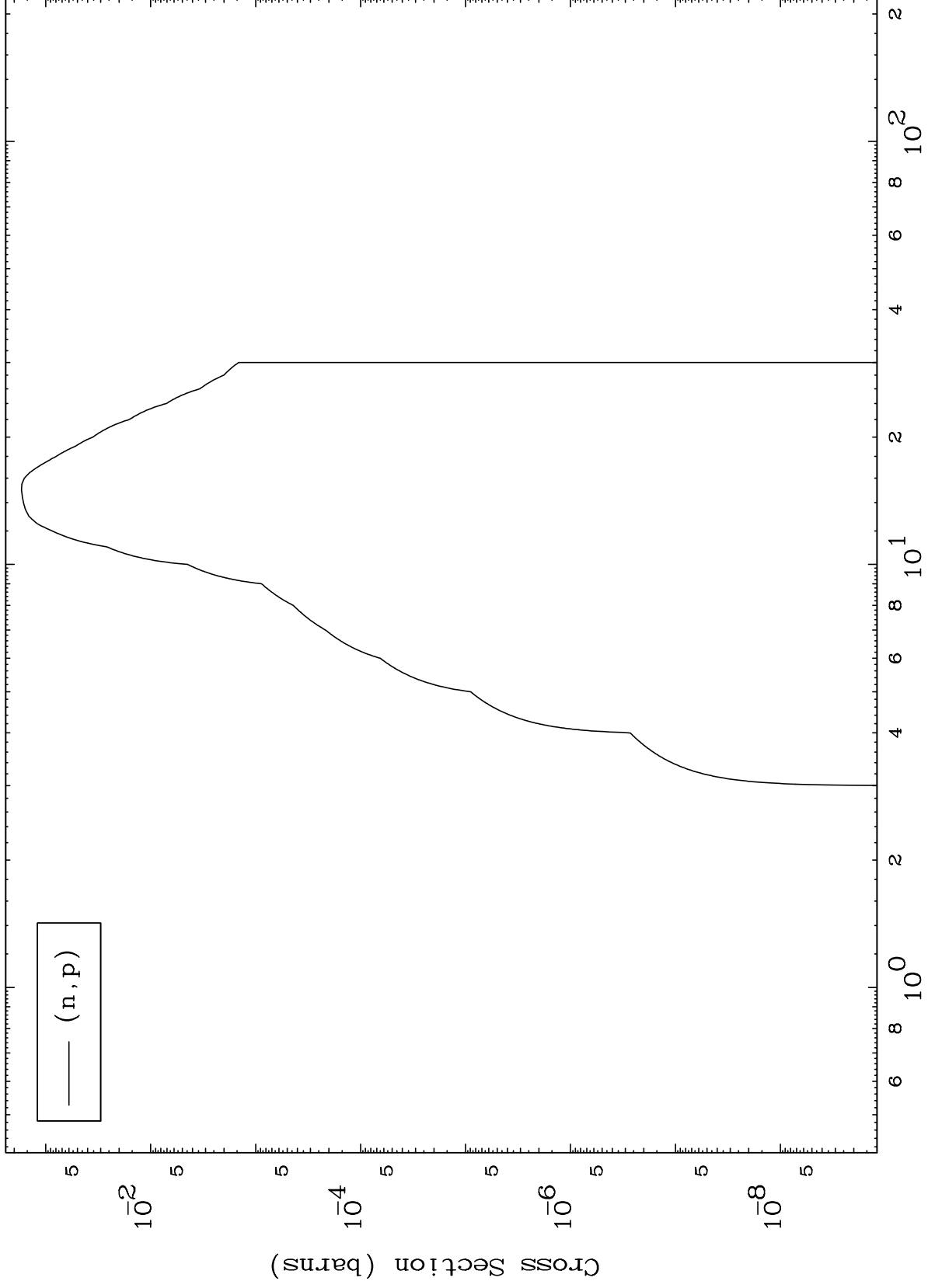
77-Ir-174m

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

77-Ir-174m



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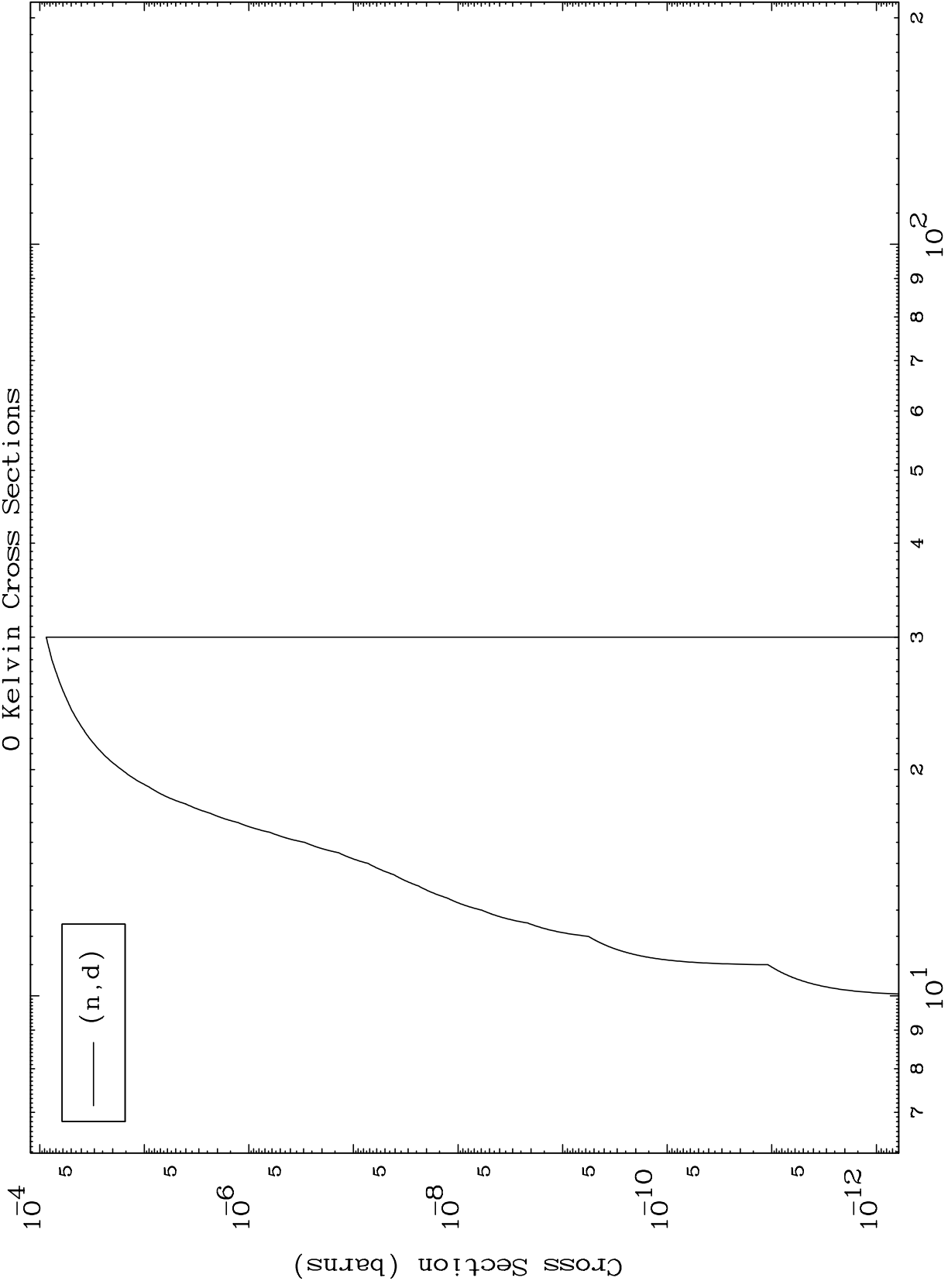
Incident Energy (MeV)

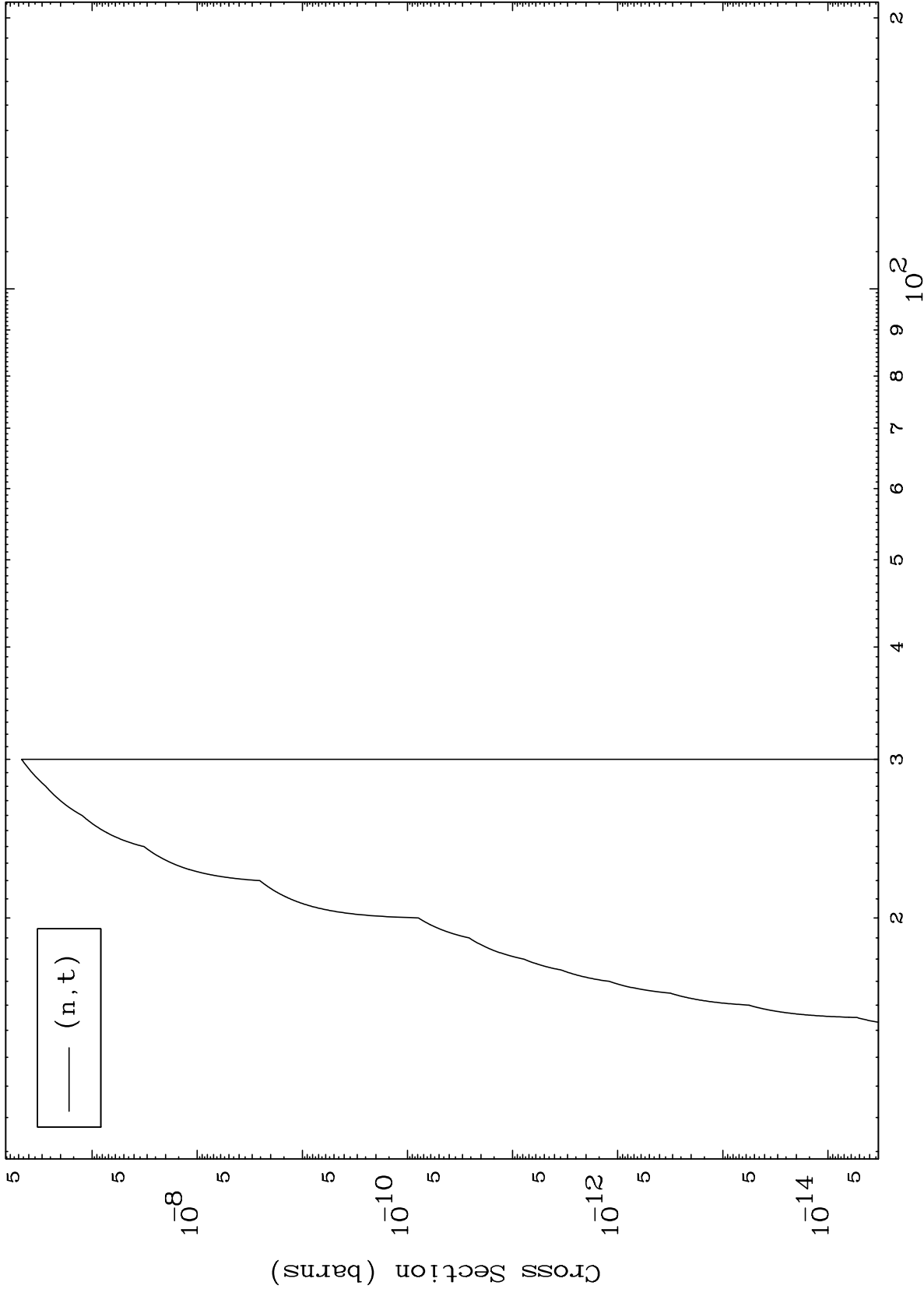
77-Ir-174m

MAT 7675

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

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

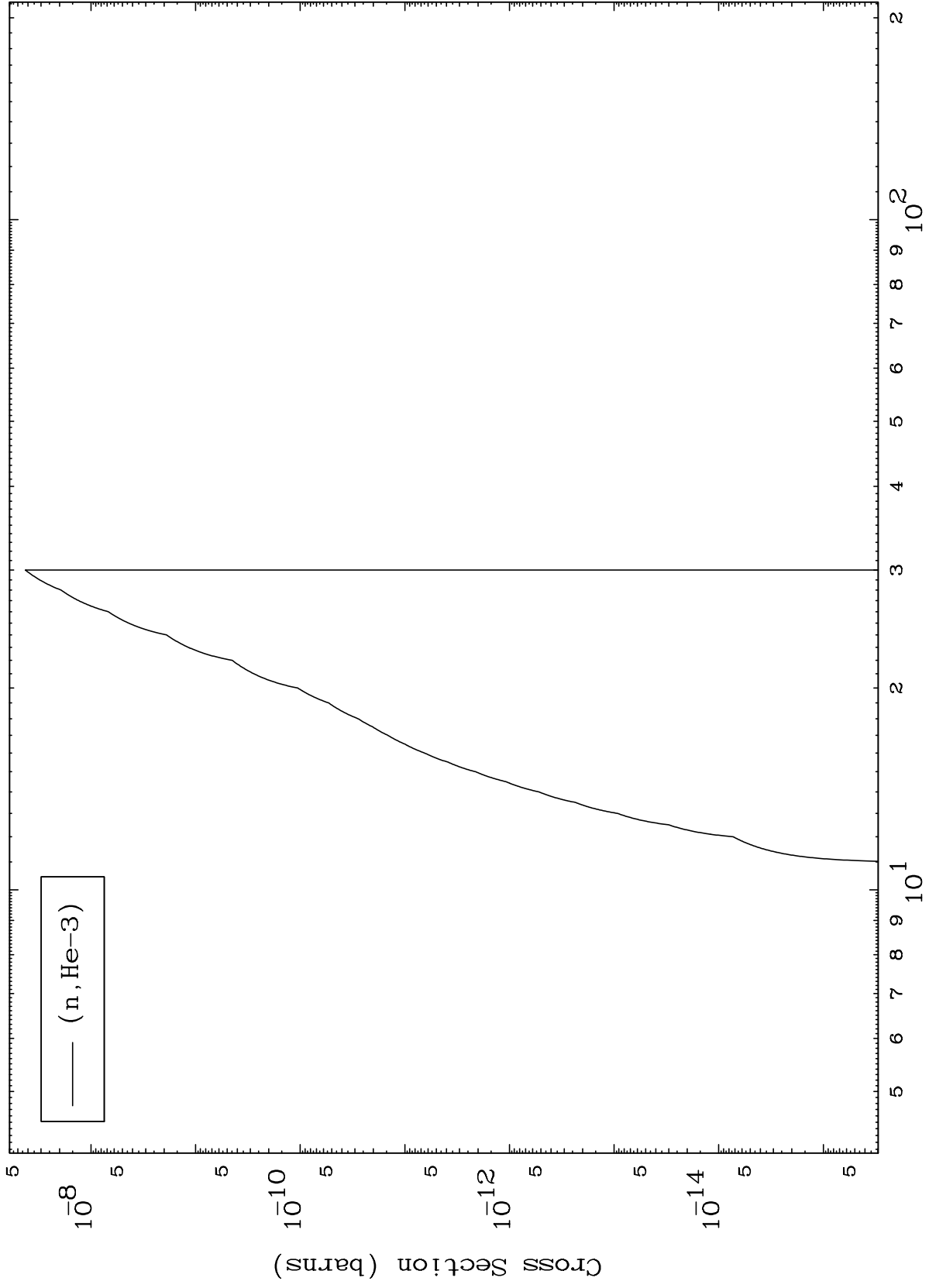




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( $\gamma$ , He3) Levels  
0 Kelvin Cross Sections

77-Ir-174m



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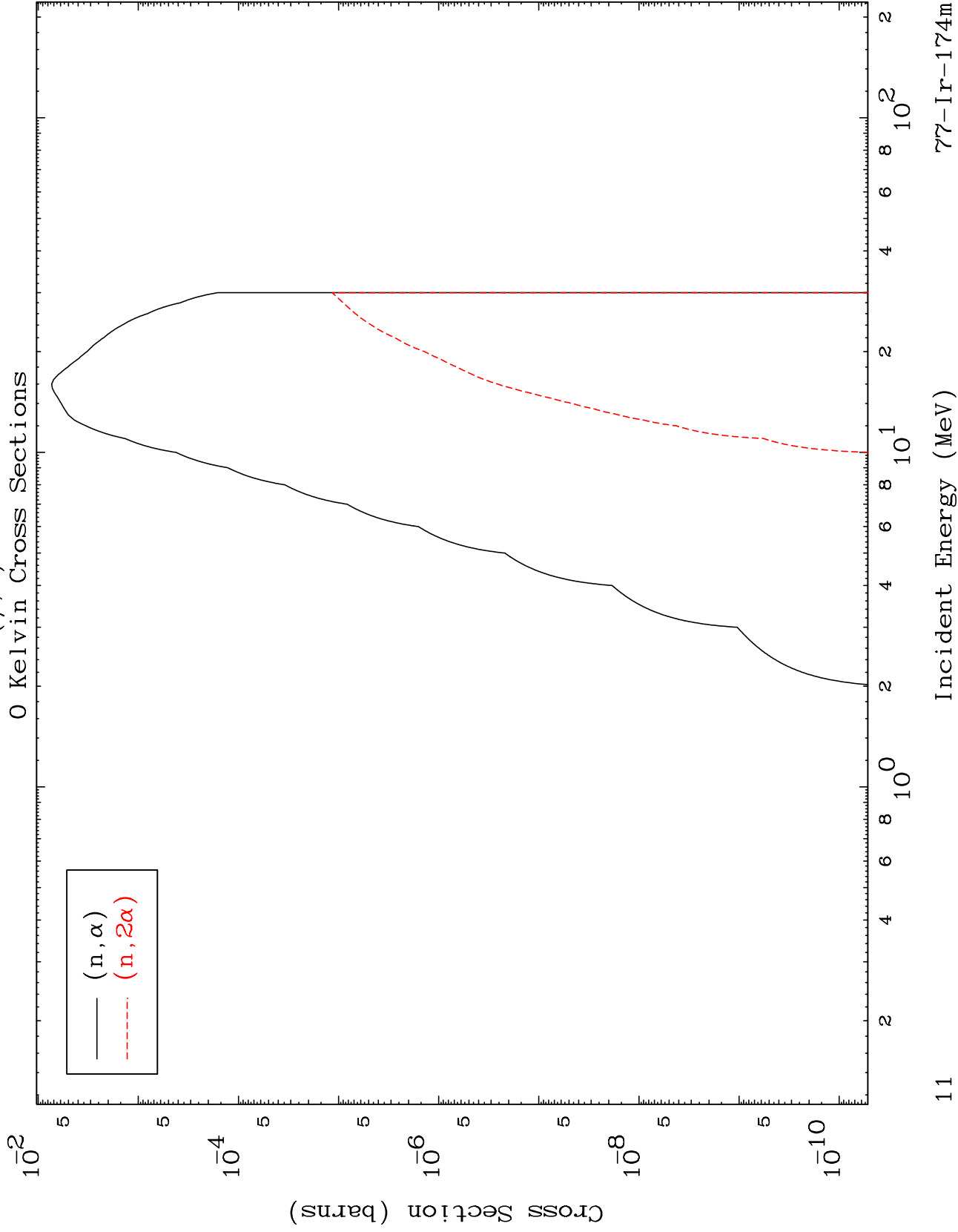
Incident Energy (MeV)

77-Ir-174m

MAT 7675

( $\gamma, \alpha$ ) Levels

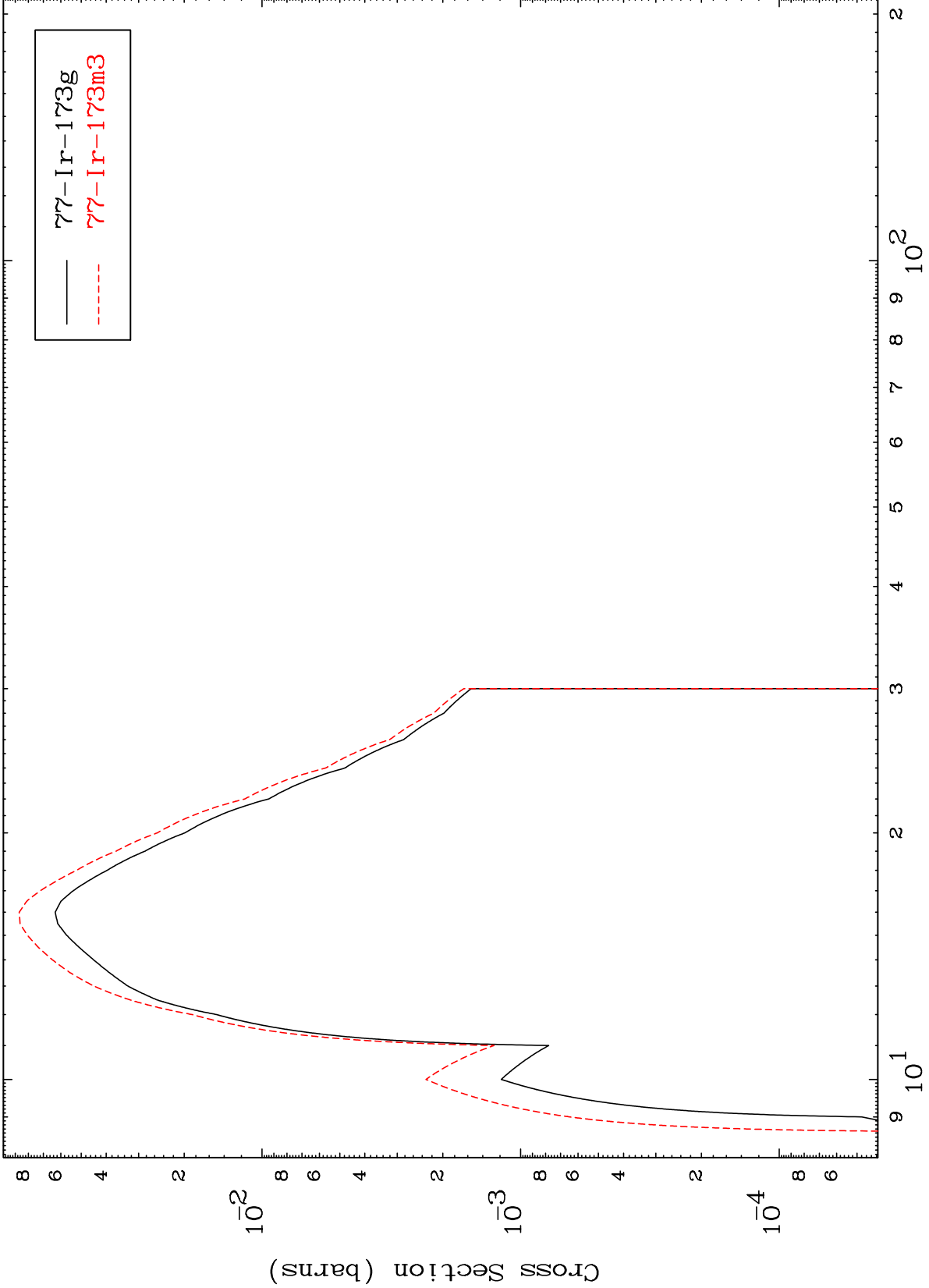
$^{77}\text{Ir}-174\text{m}$



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Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-174m



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Incident Energy (MeV)

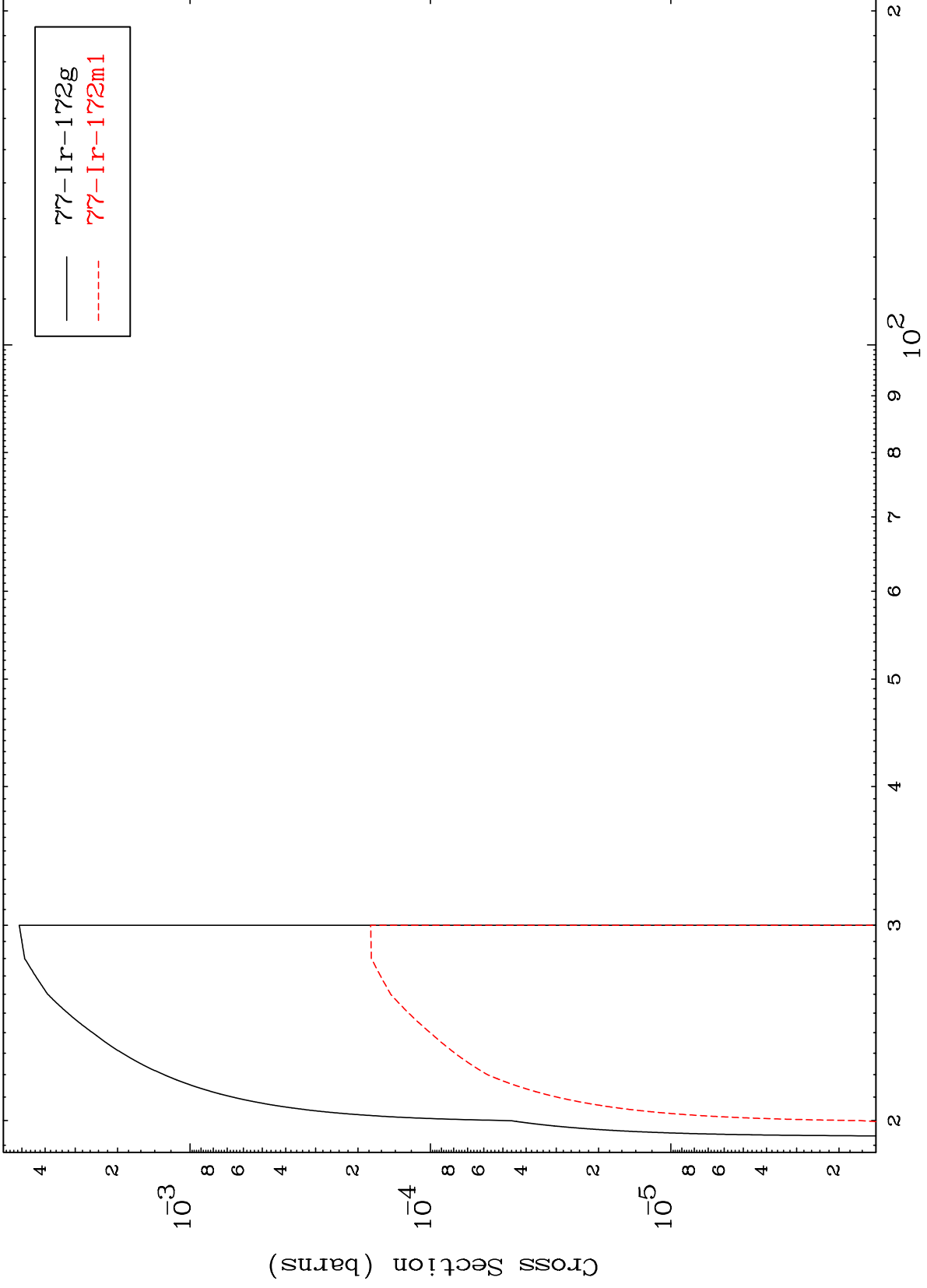
<sup>77</sup>Ir-174m

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(n,2n)

<sup>77</sup>Ir-174m

Radionuclide Production Cross Section



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Incident Energy (MeV)

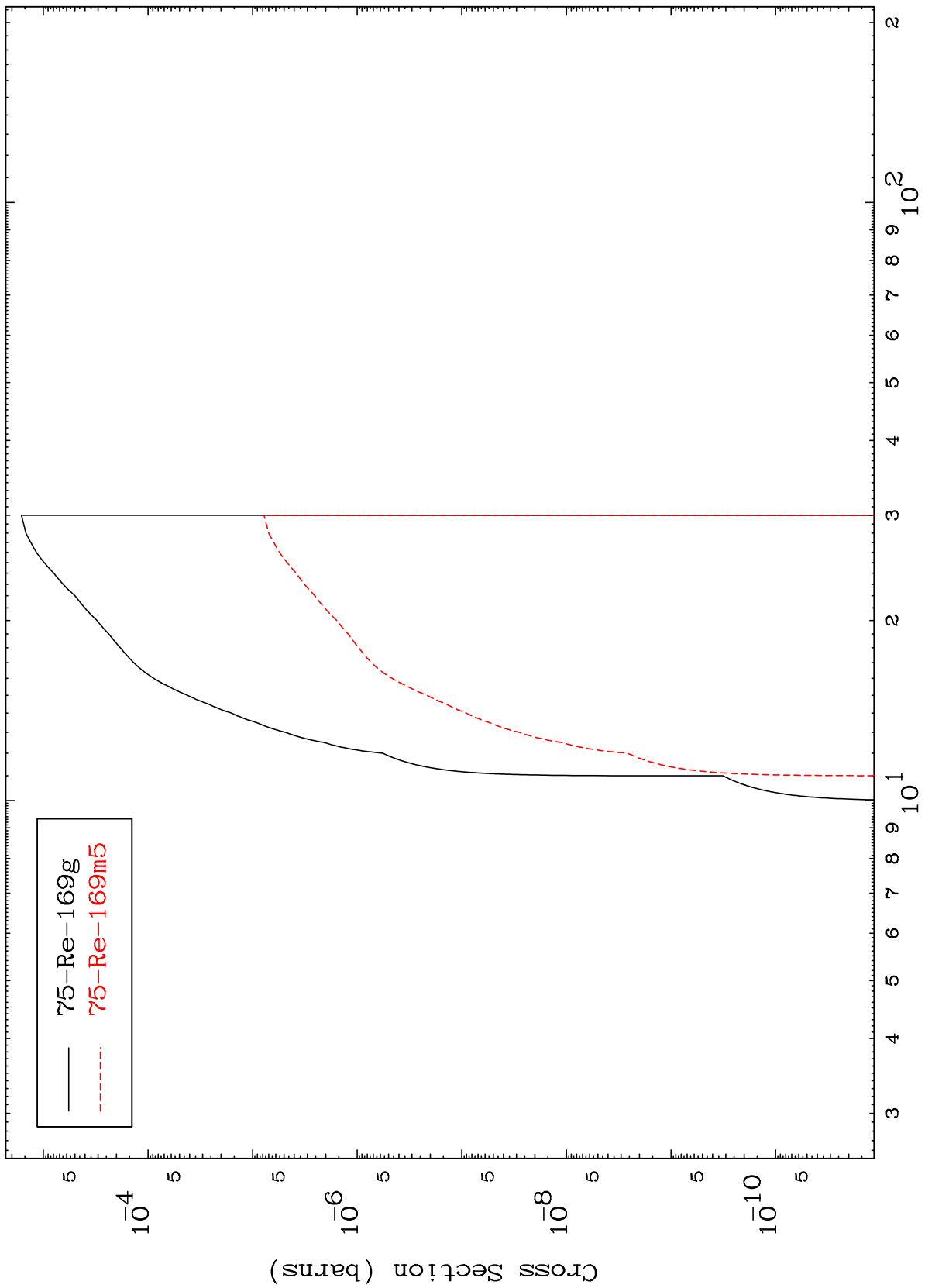
<sup>77</sup>Ir-174m

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(n,n')  $\alpha$

77-Ir-174m

Radionuclide Production Cross Section



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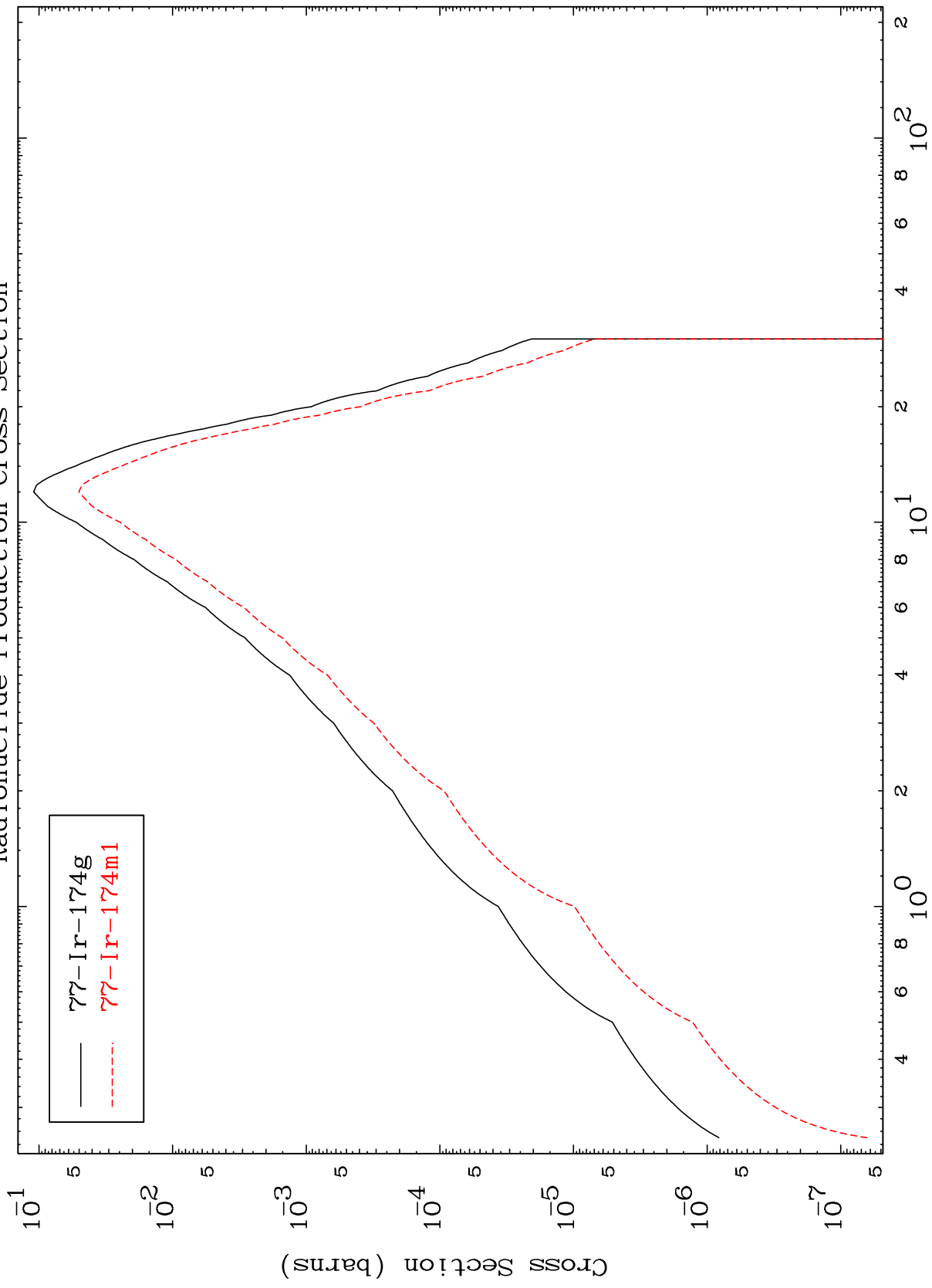
Incident Energy (MeV)

77-Ir-174m

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

<sup>77</sup>Ir-174m



— <sup>77</sup>Ir-174g  
- - - <sup>77</sup>Ir-174m1

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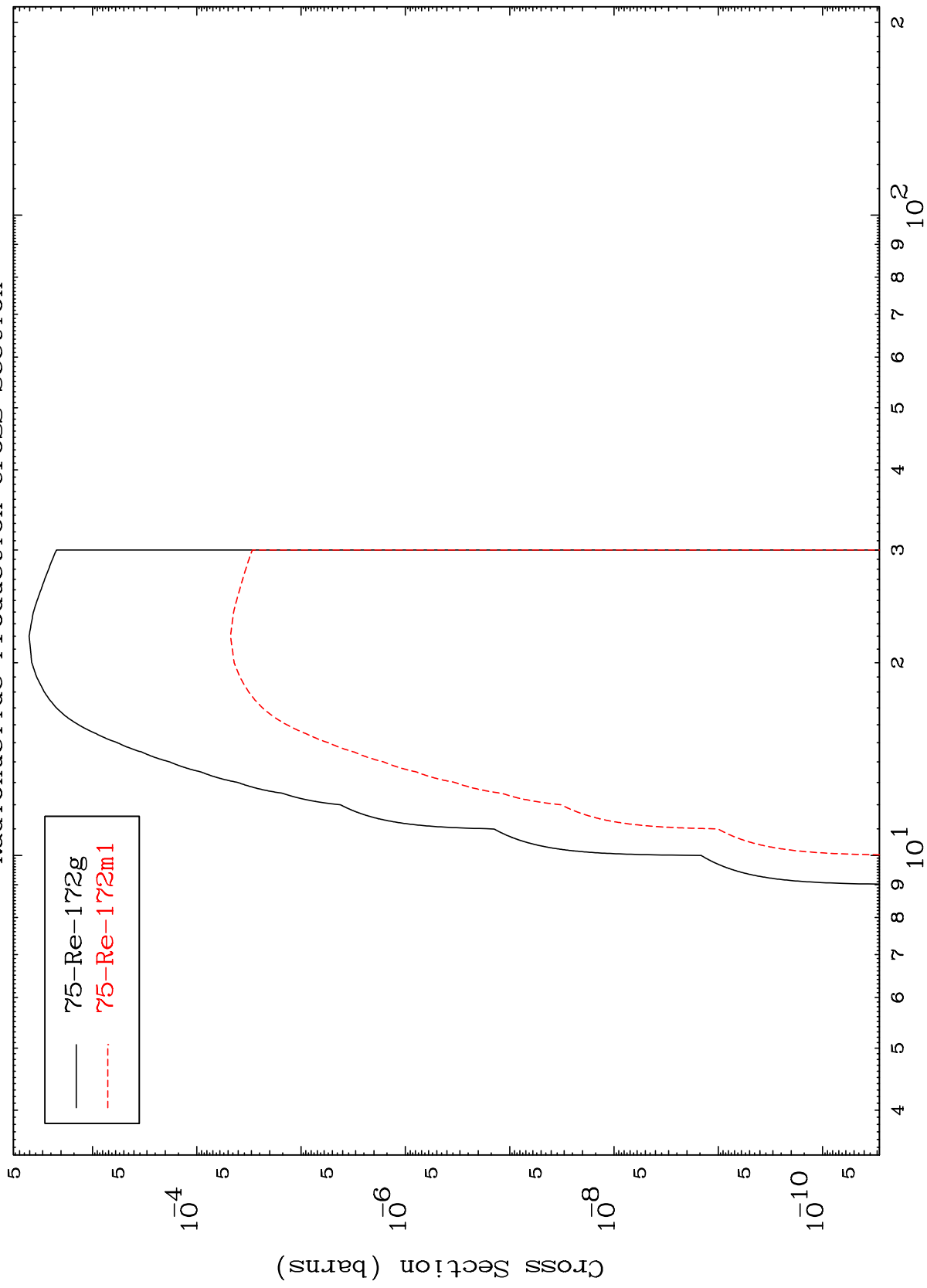
Incident Energy (MeV)

<sup>77</sup>Ir-174m

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<sup>77</sup>Ir-174m

Radionuclide Production Cross Section  
(n,2p)



<sup>77</sup>Ir-174m

Incident Energy (MeV)

16