

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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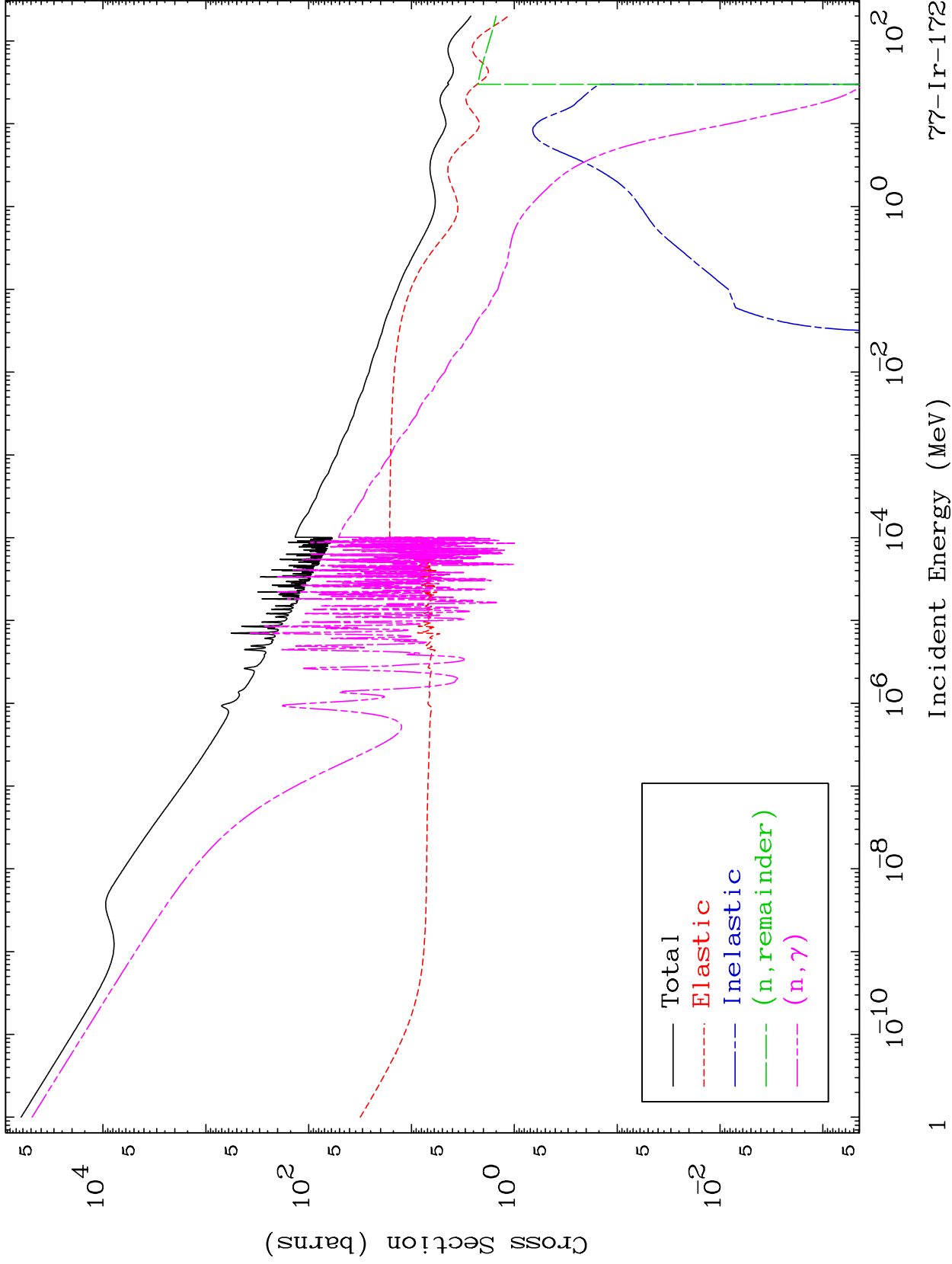
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7669

Major  
293 Kelvin Cross Sections

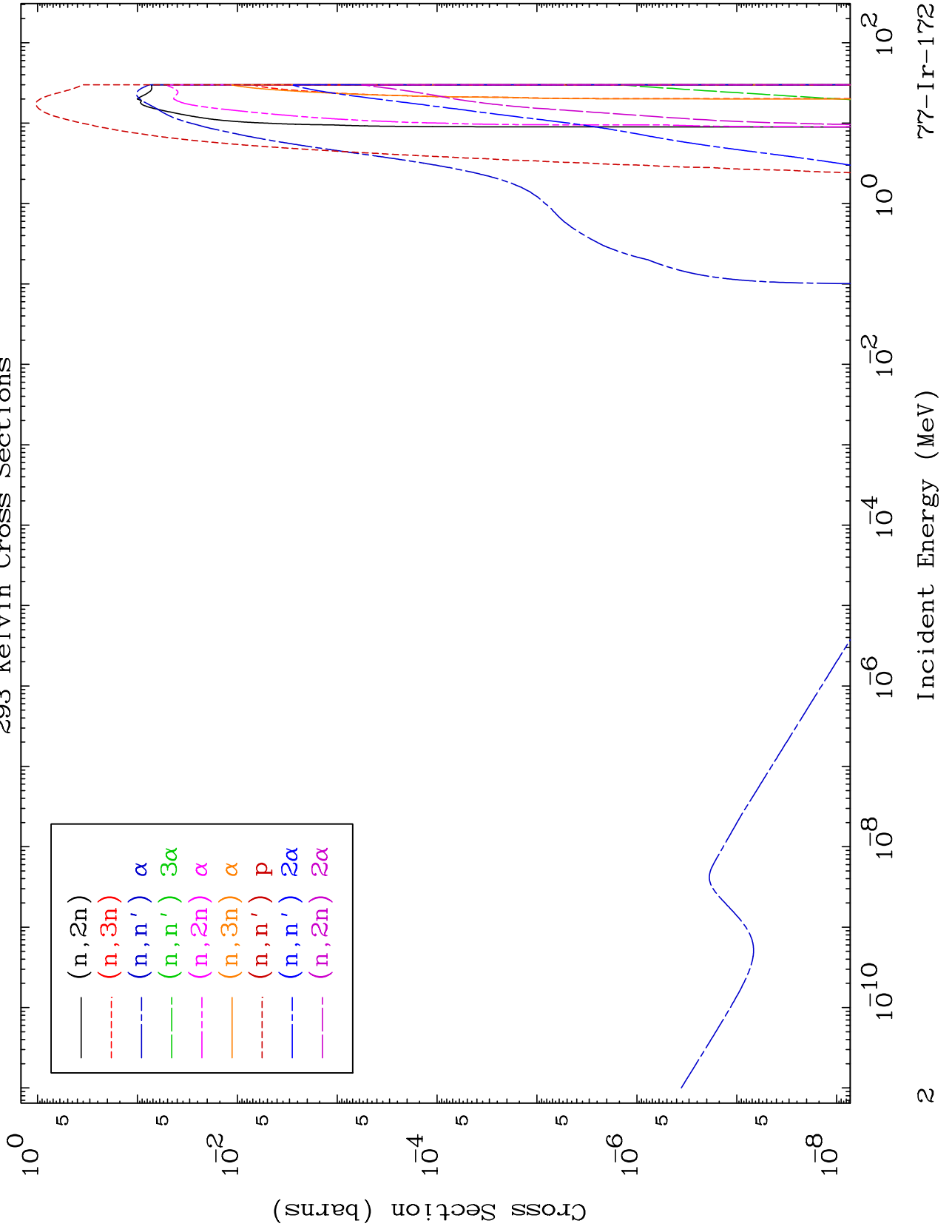
77-Ir-172



MAT 7669

Neutron Production  
293 Kelvin Cross Sections

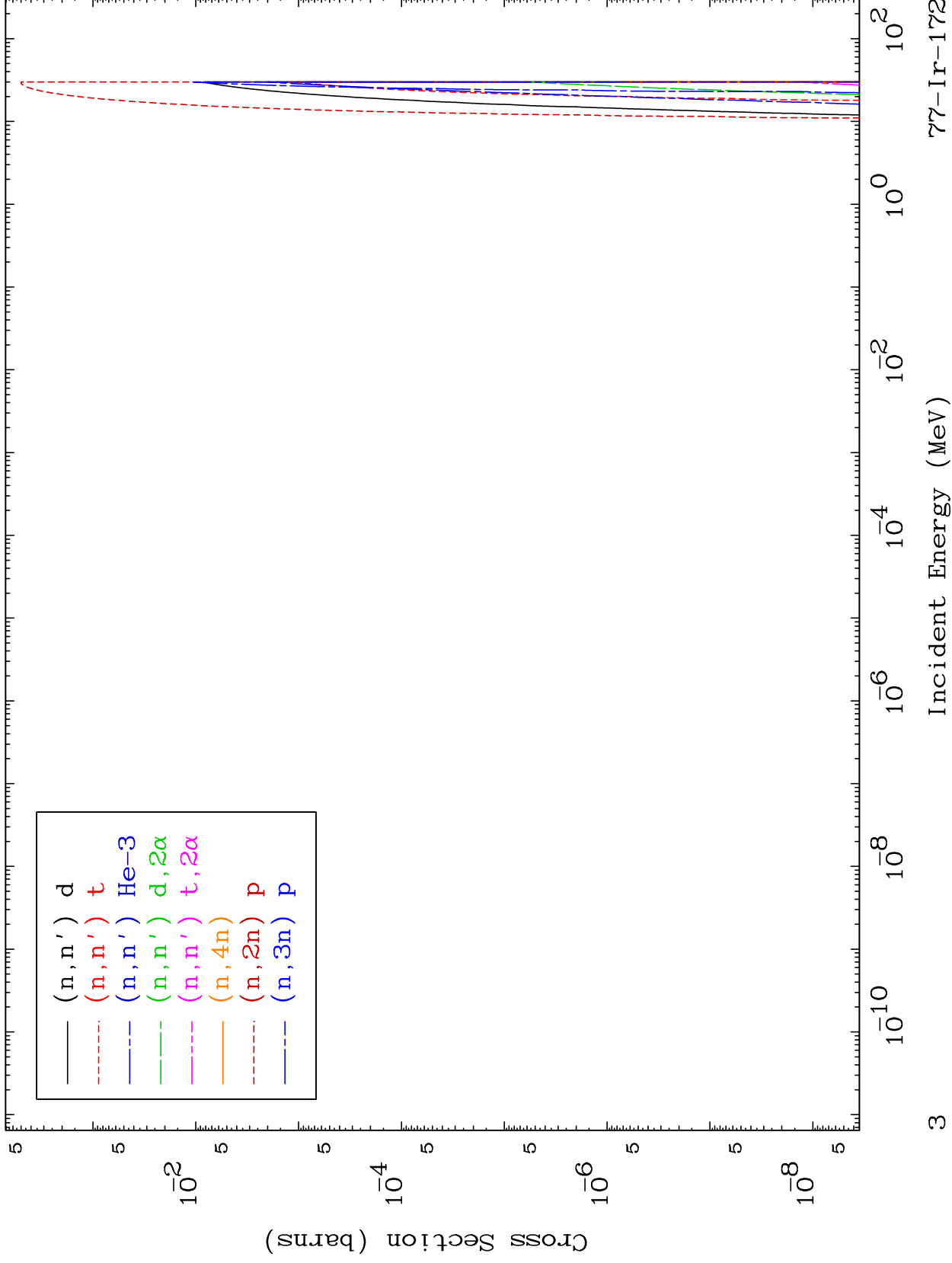
77-Ir-172



MAT 7669

Neutron Production  
293 Kelvin Cross Sections

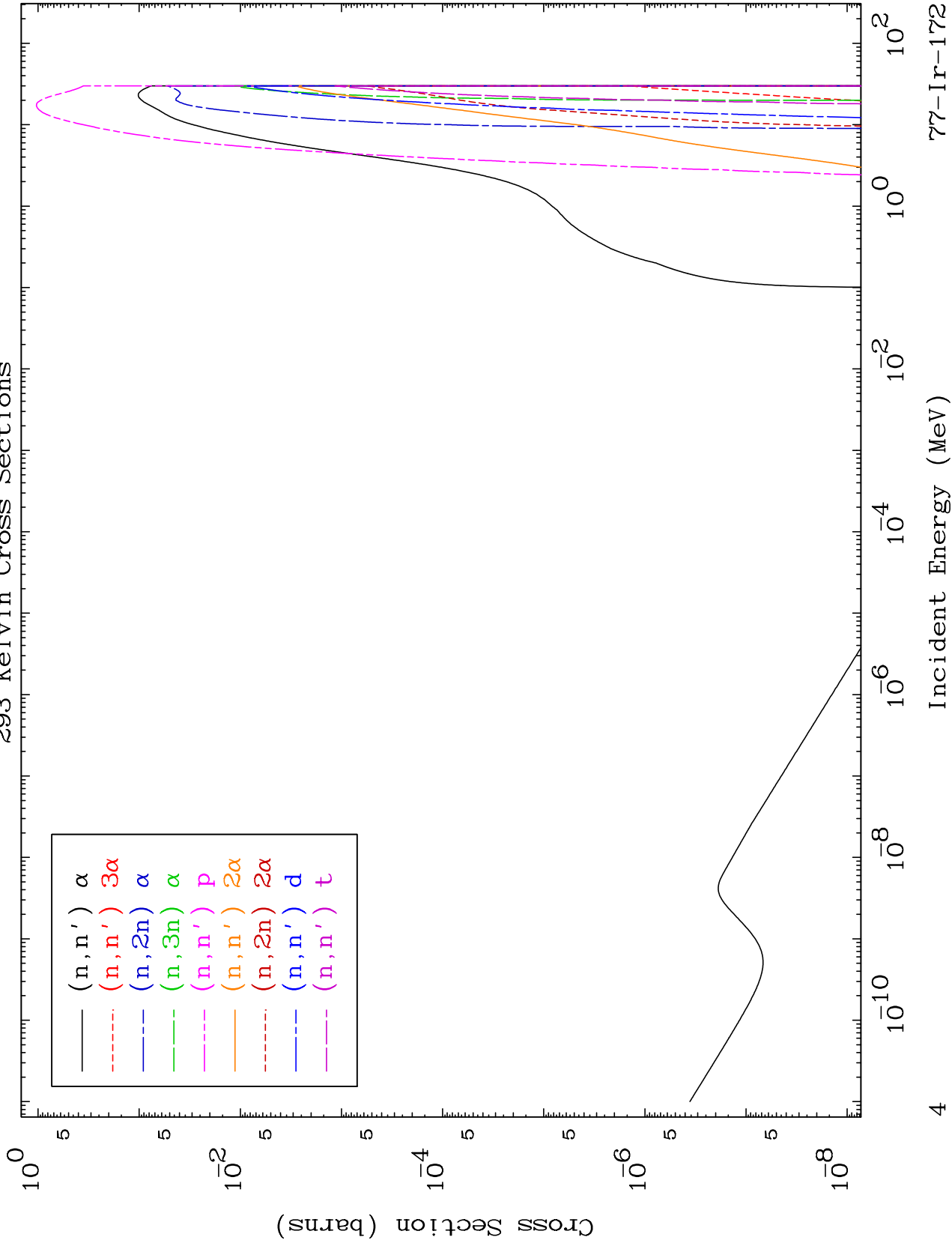
77-Ir-172



MAT 7669

Charged Particle  
293 Kelvin Cross Sections

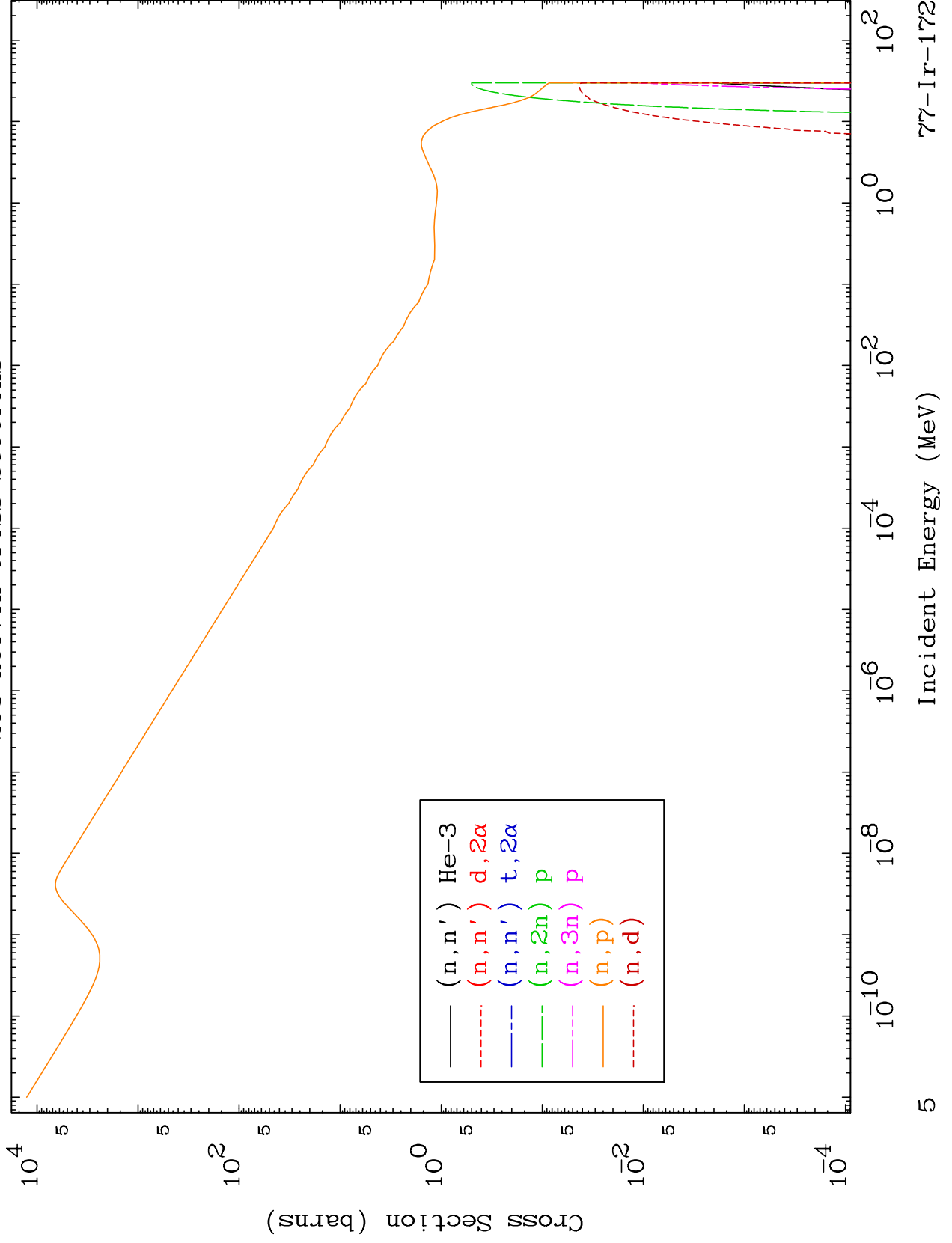
77-Ir-172

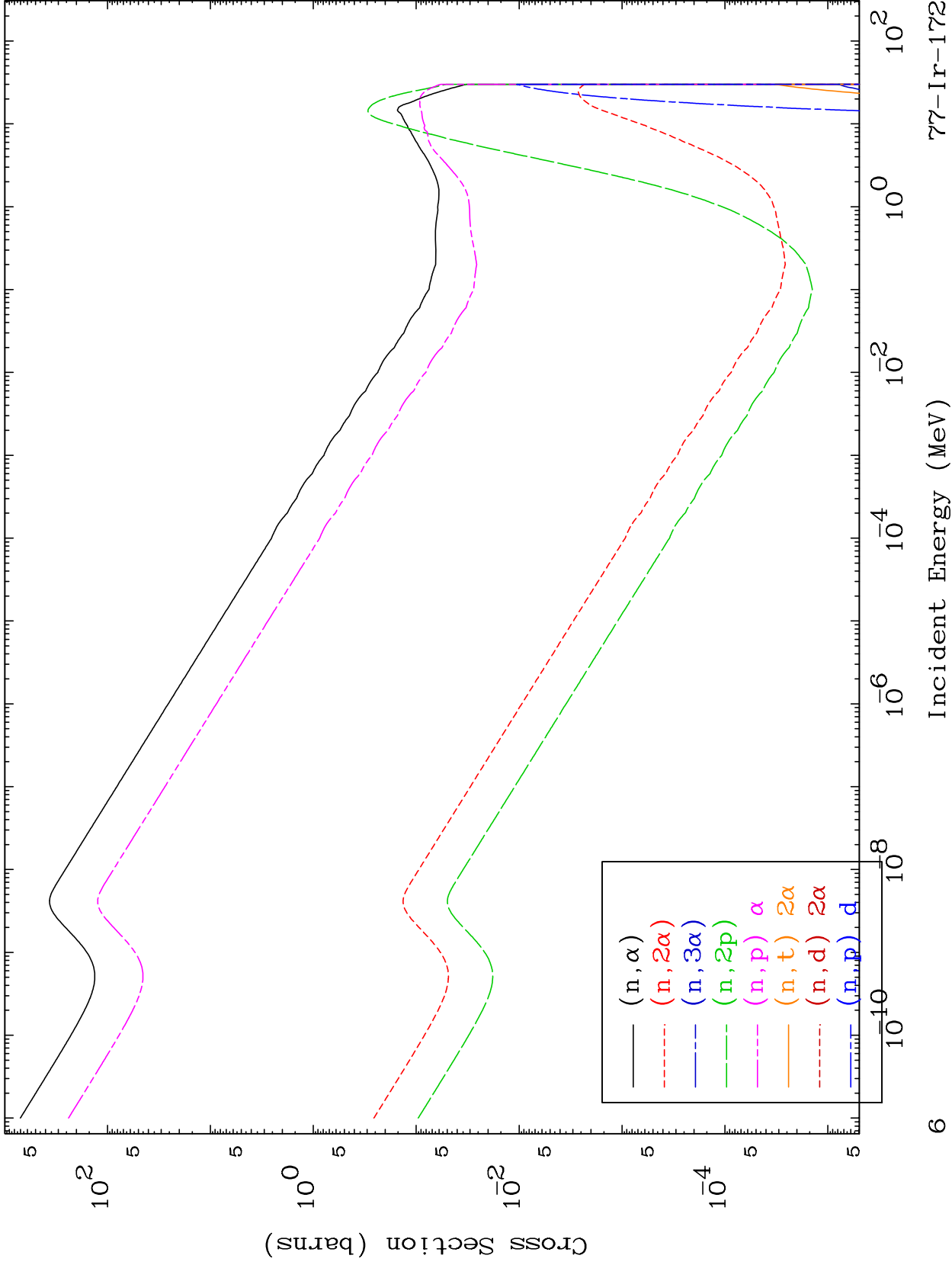


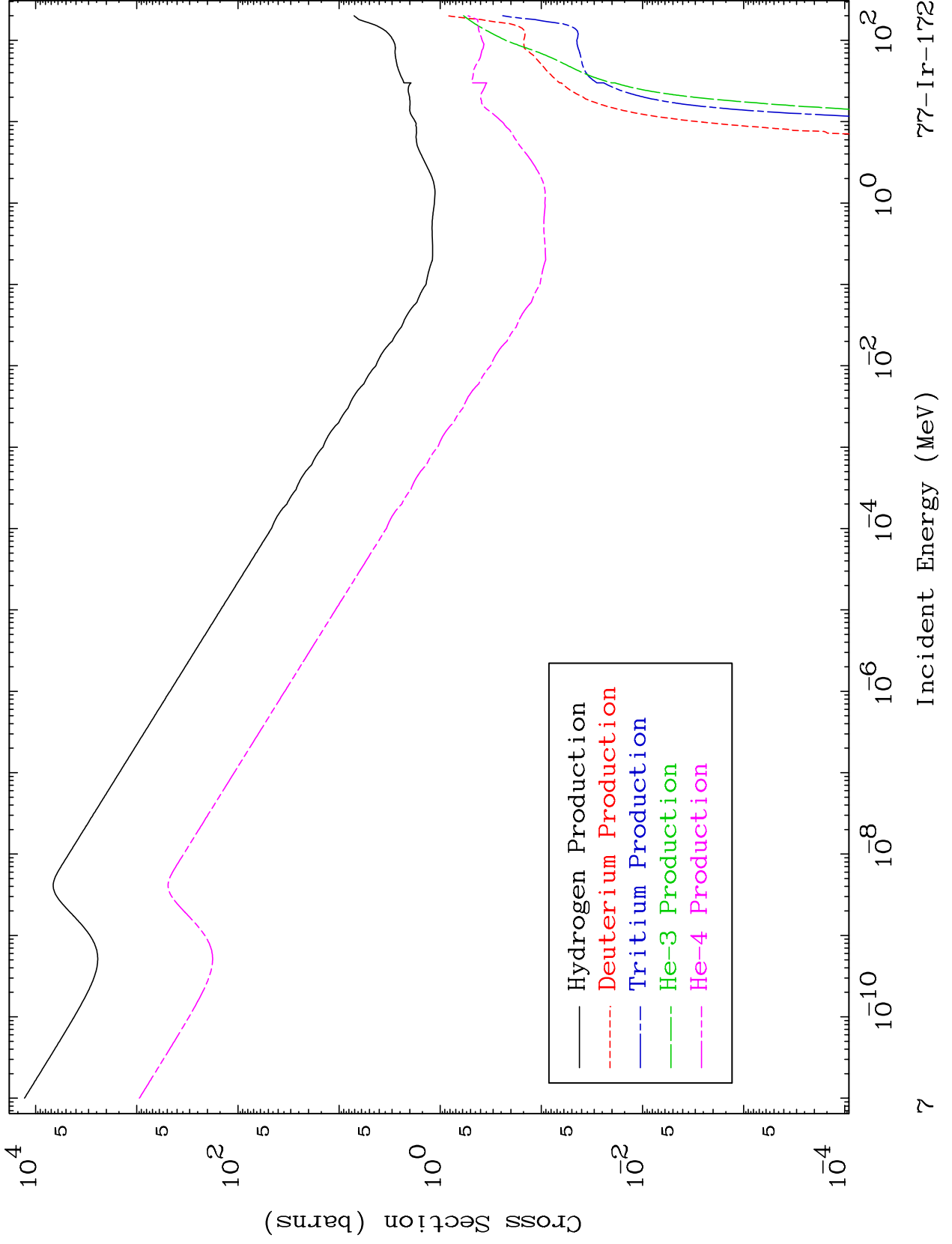
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Charged Particle  
293 Kelvin Cross Sections

77-Ir-172





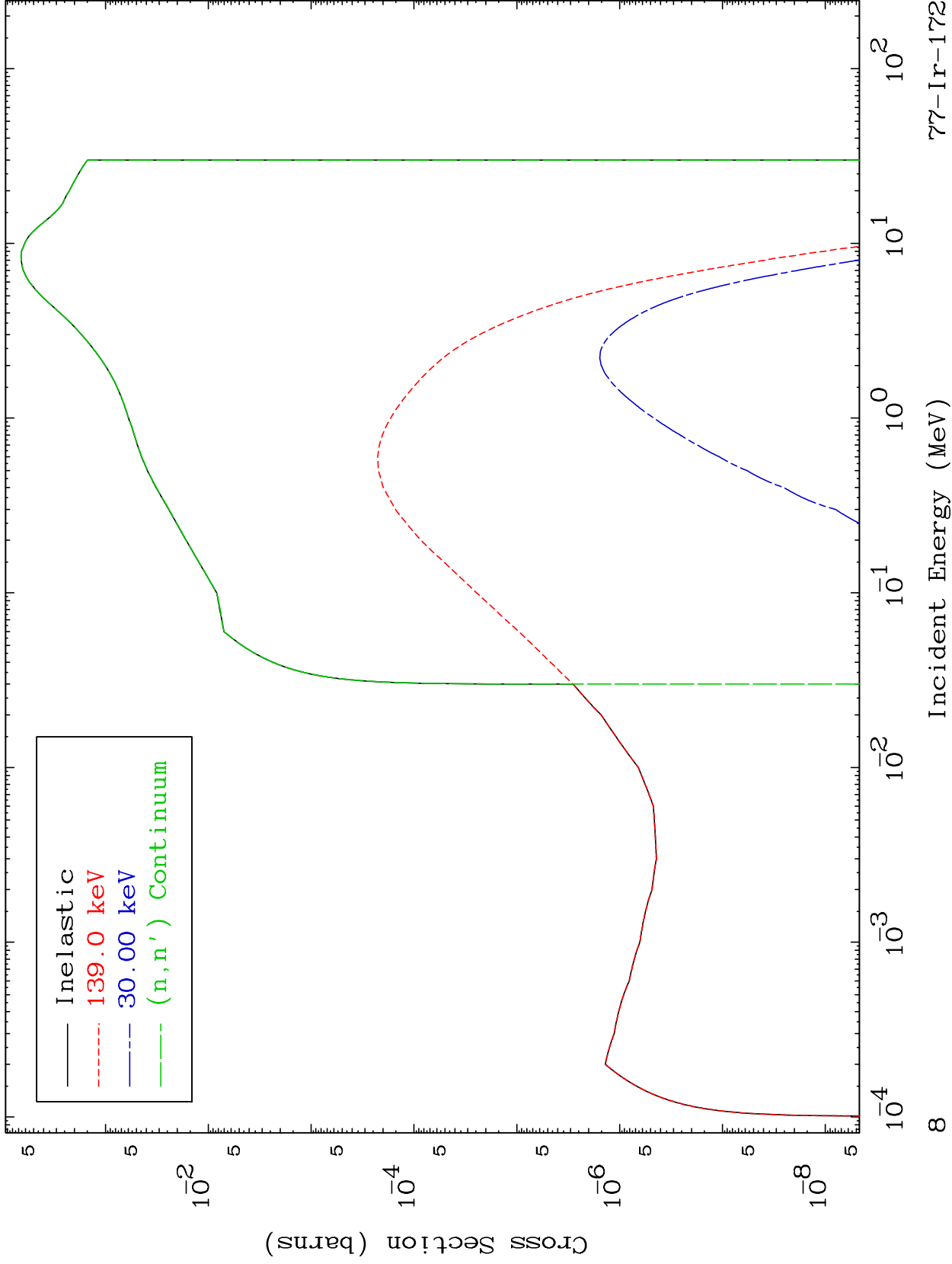




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293 Kelvin Cross Sections  
(n,n') Level

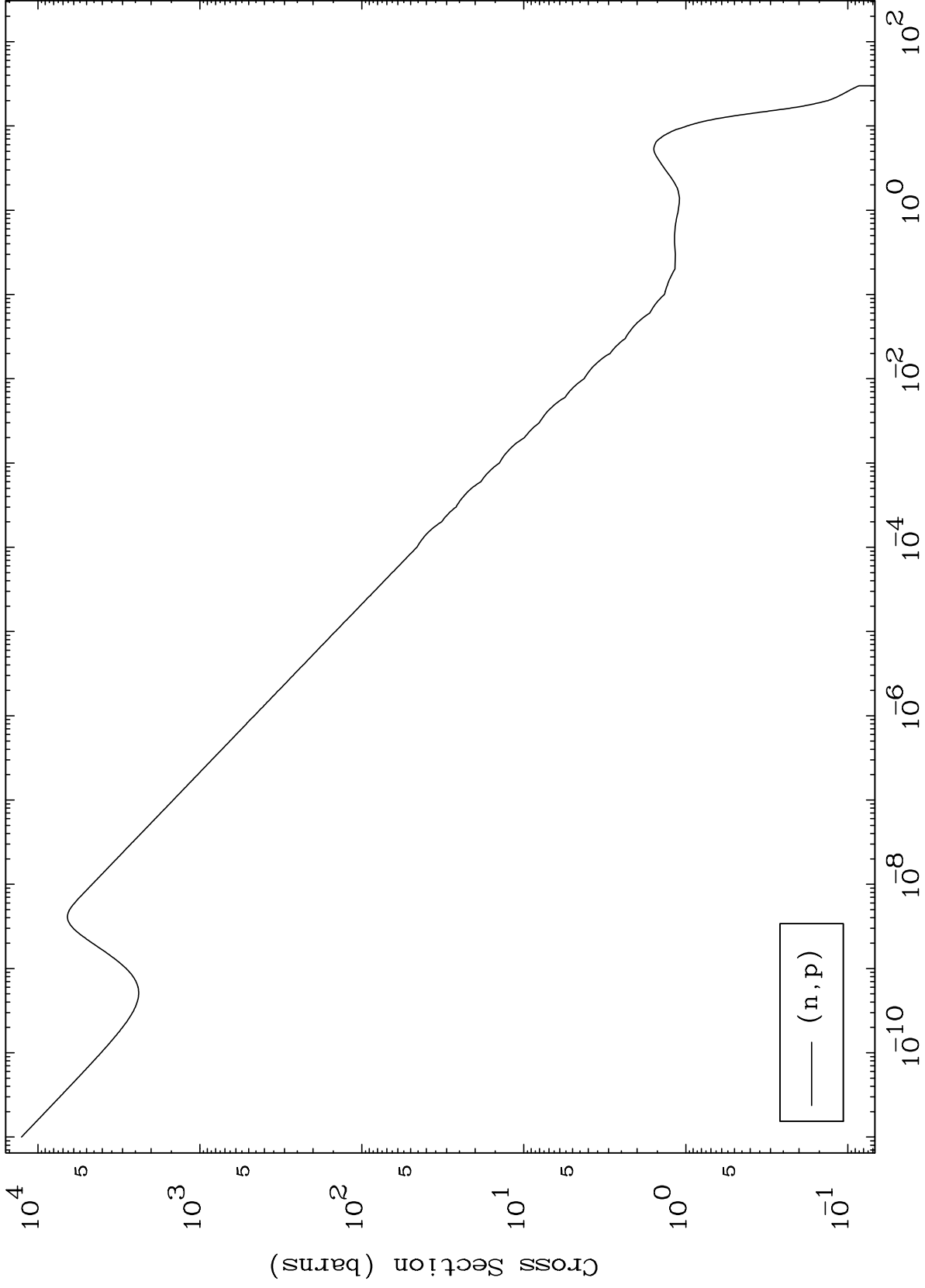
77-Ir-172



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(n,p) Levels  
293 Kelvin Cross Sections

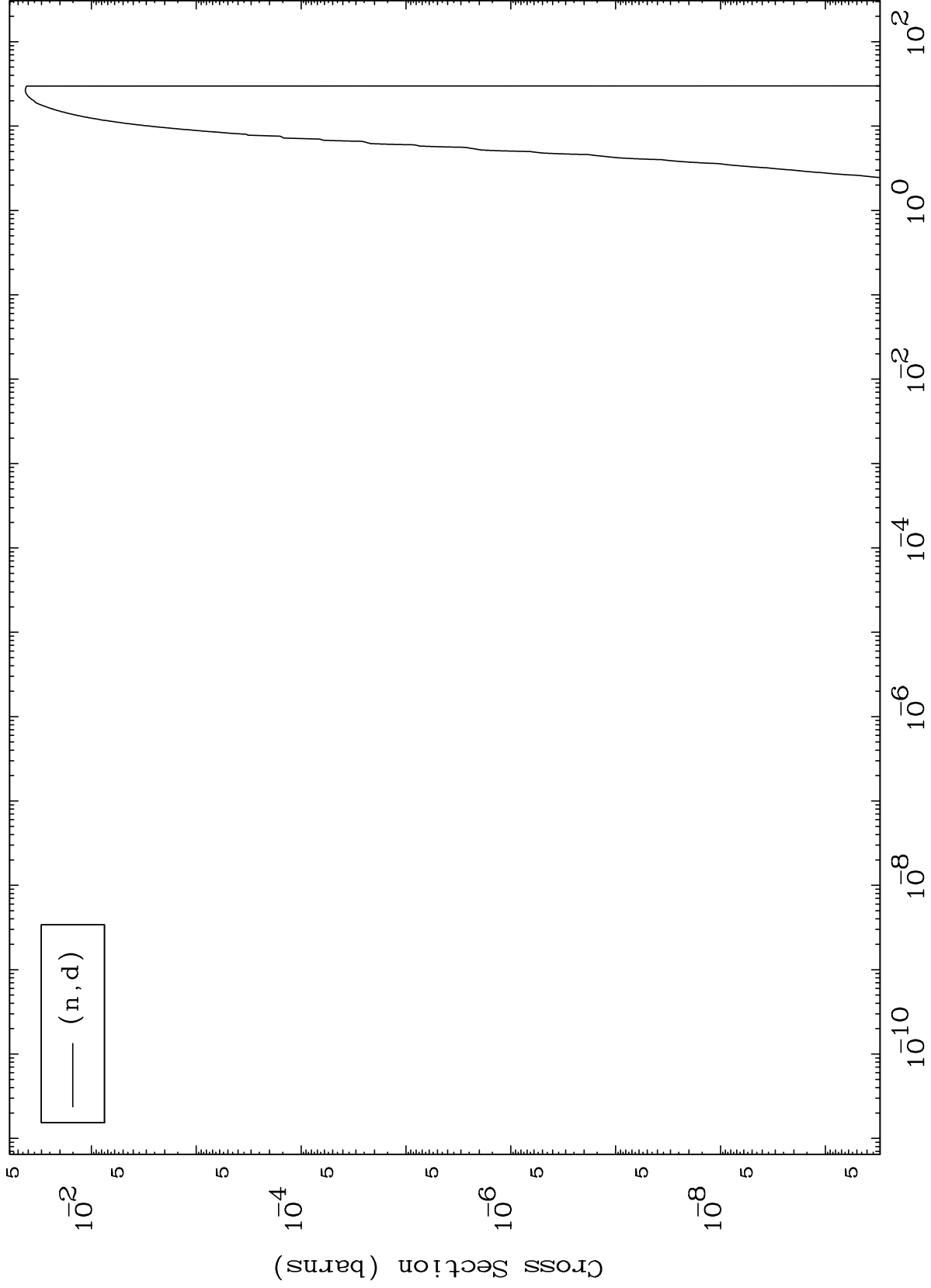
<sup>77</sup>Ir-172



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(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-172



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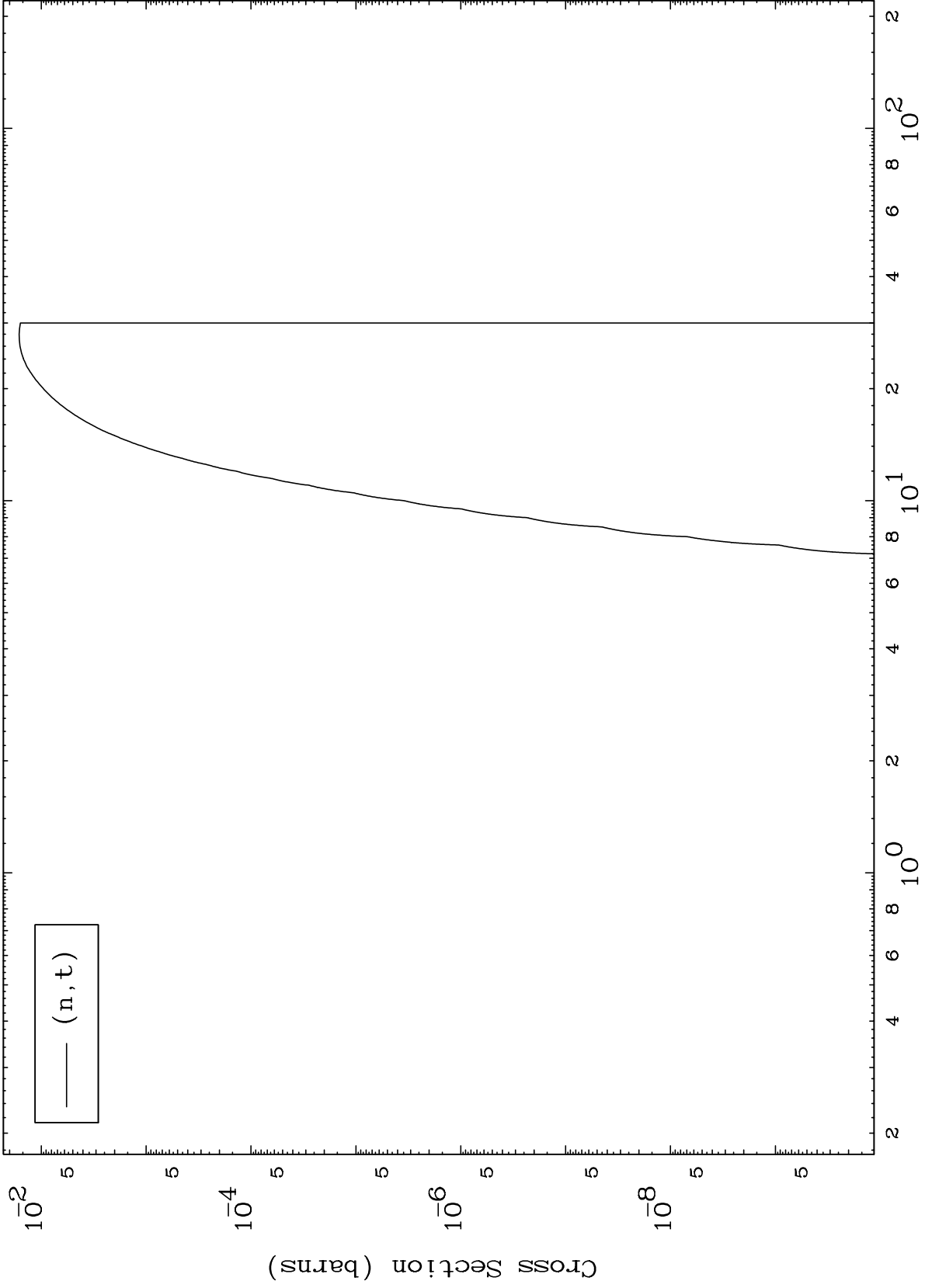
Incident Energy (MeV)

77-Ir-172

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(n,t) Levels  
293 Kelvin Cross Sections

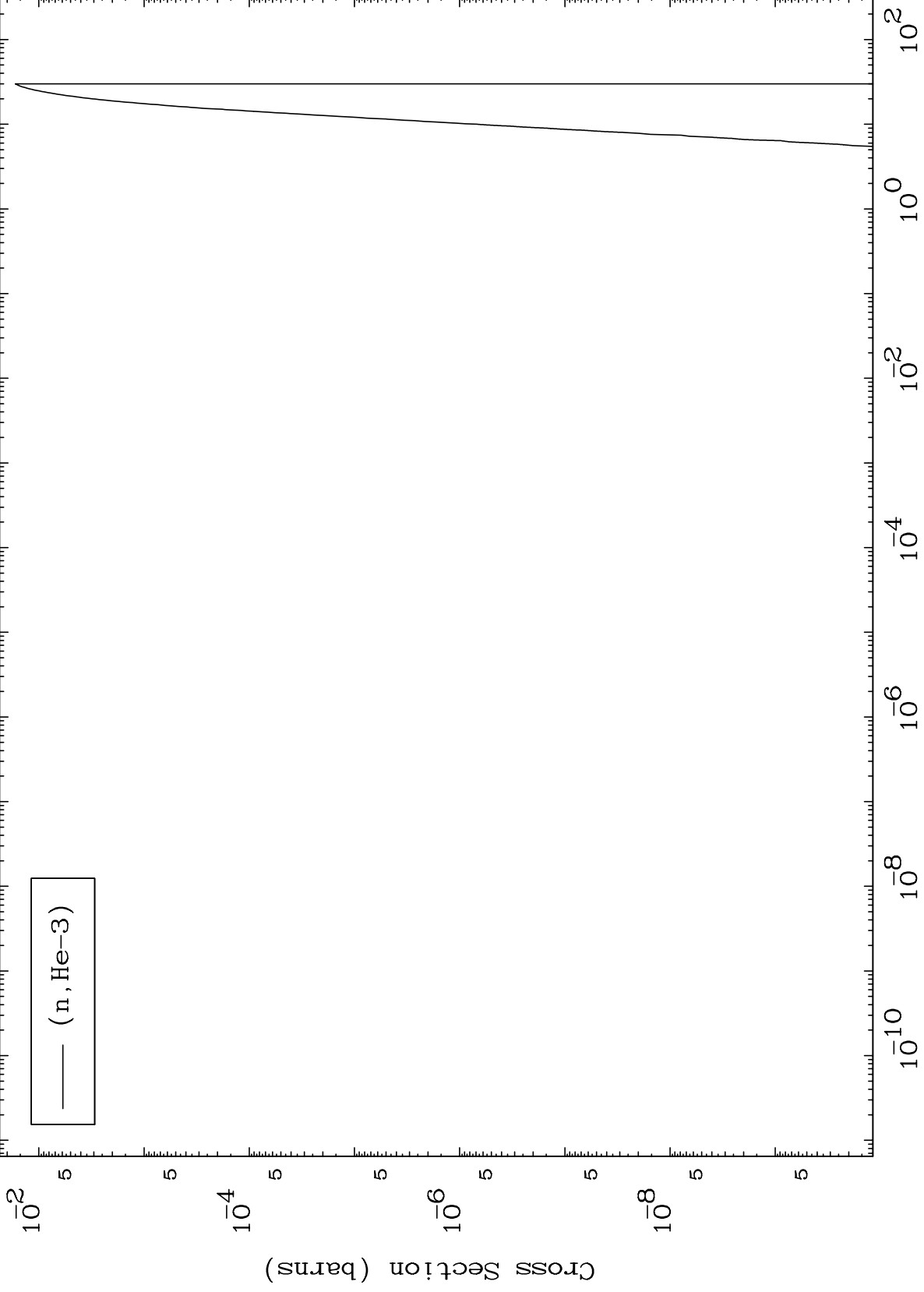
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(n,He3) Levels  
293 Kelvin Cross Sections

<sup>77</sup>Ir-172



12

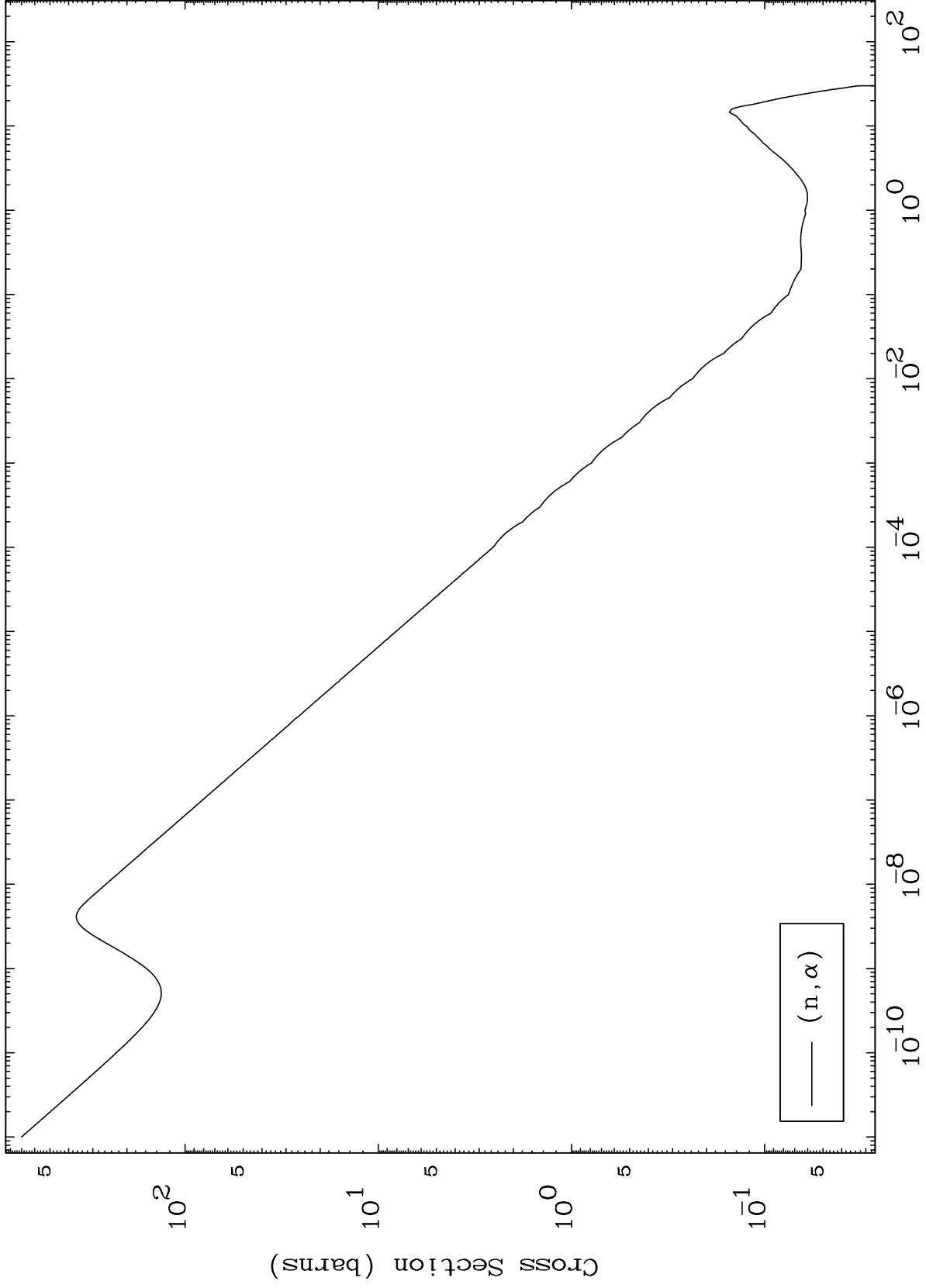
Incident Energy (MeV)

<sup>77</sup>Ir-172

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(n,α) Levels  
293 Kelvin Cross Sections

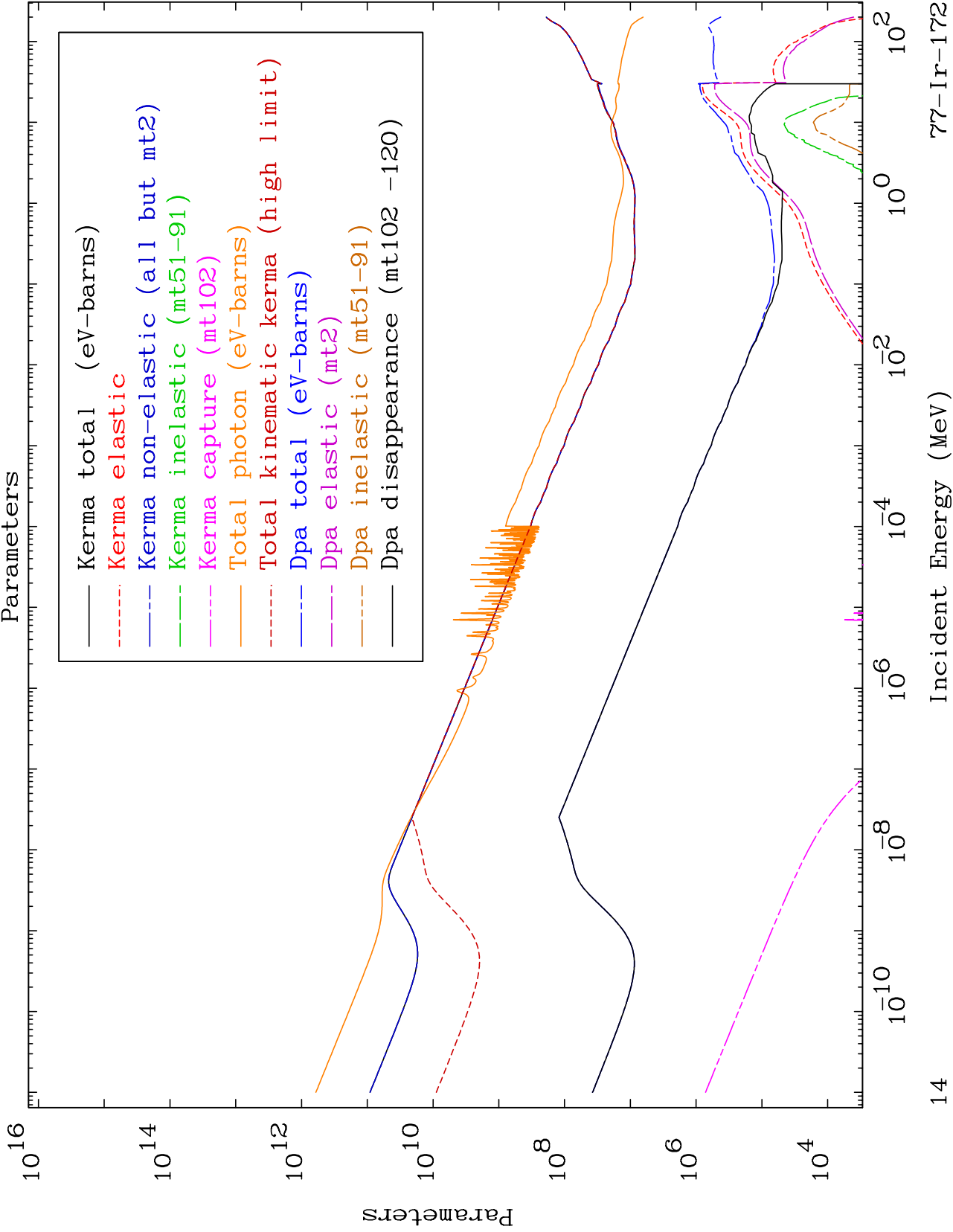
77-Ir-172



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Incident Energy (MeV)

77-Ir-172



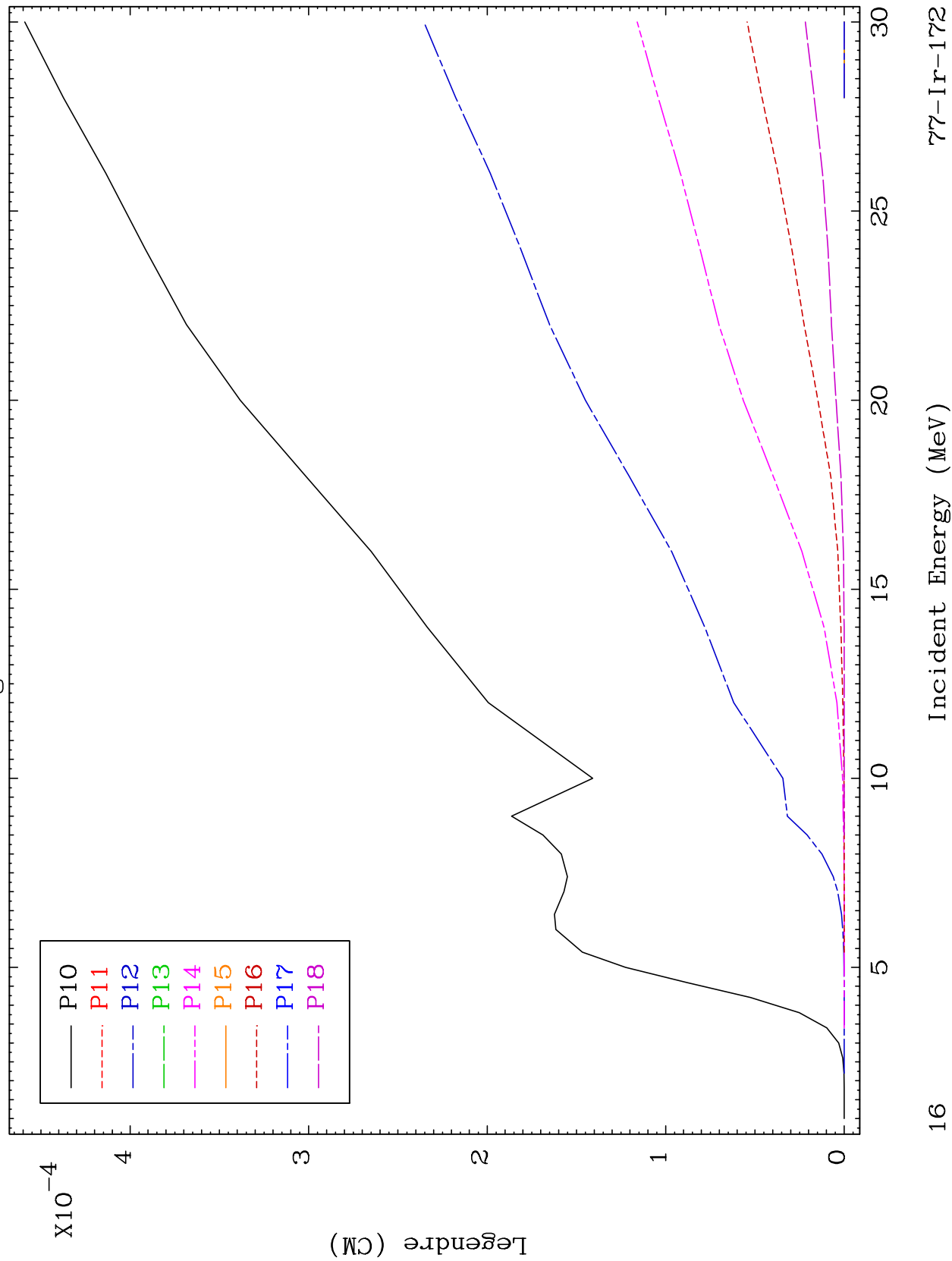




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Elastic Legendre Coefficients

<sup>77</sup>Ir-172



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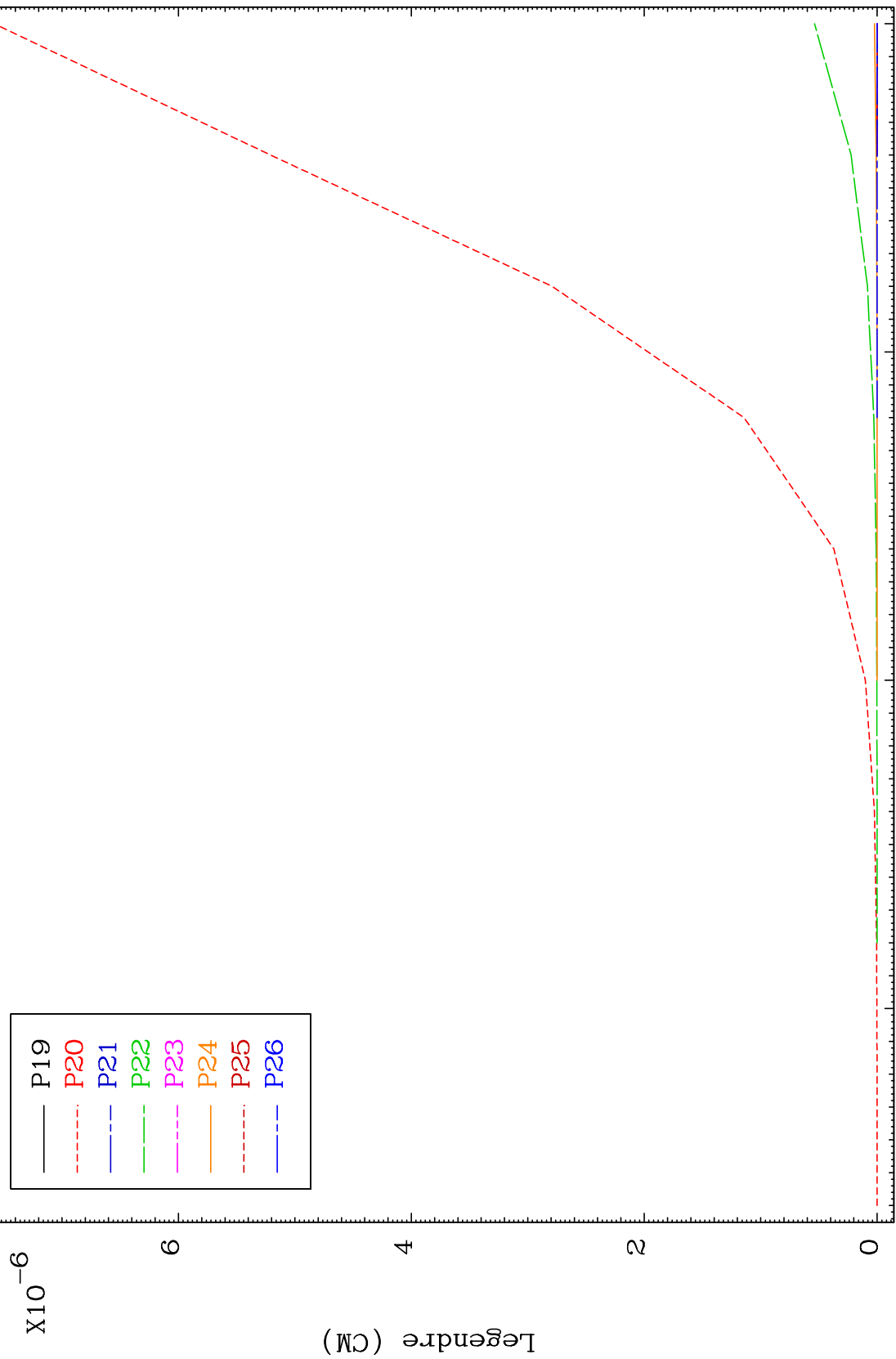
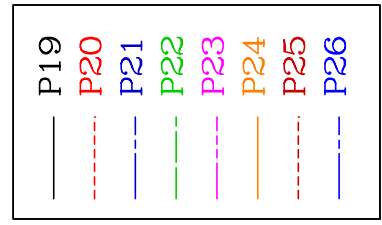
Incident Energy (MeV)

<sup>77</sup>Ir-172

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### Elastic Legendre Coefficients

<sup>77</sup>Ir-172



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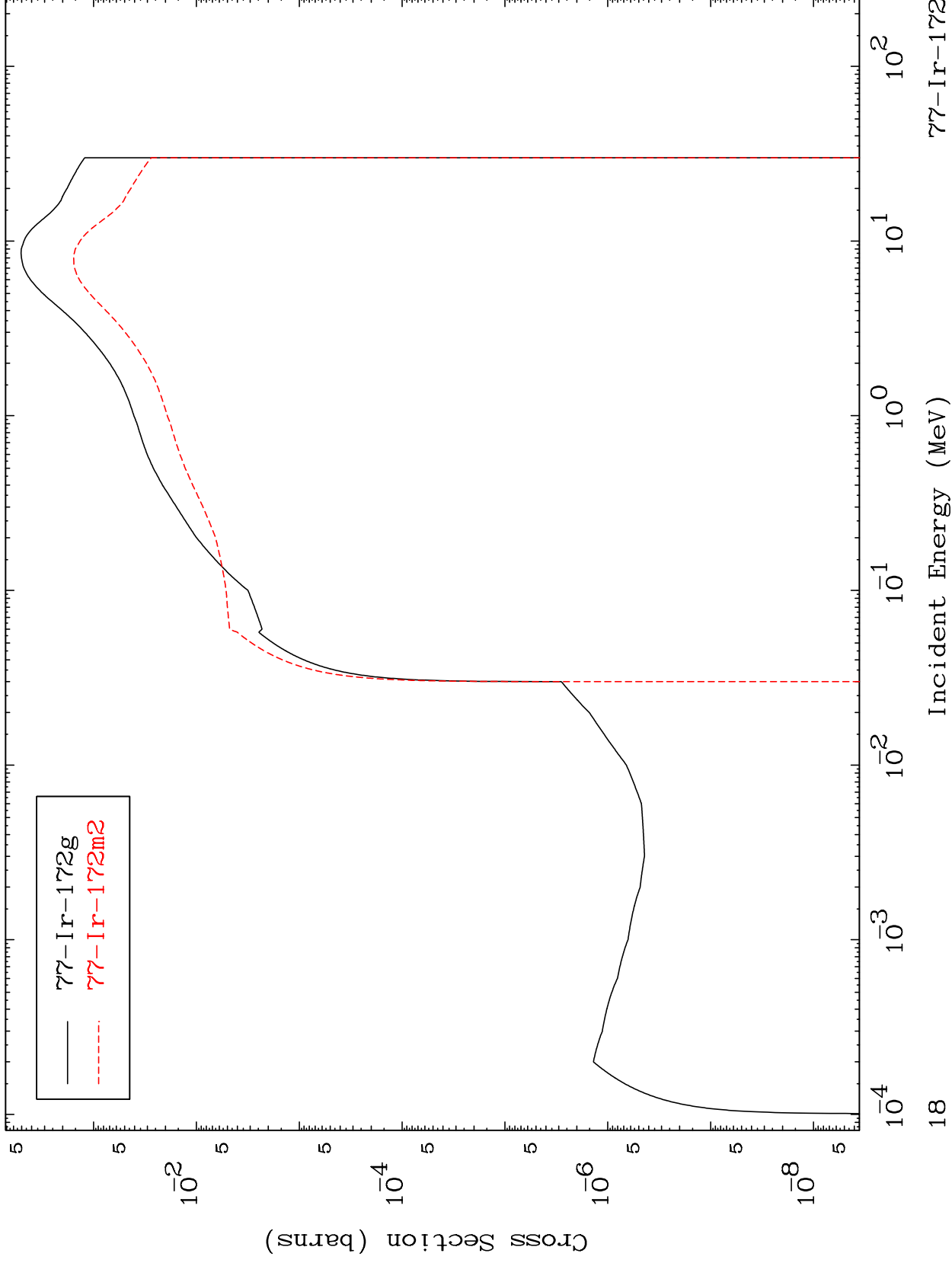
Incident Energy (MeV)

<sup>77</sup>Ir-172

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Inelastic  
Radionuclide Production Cross Section

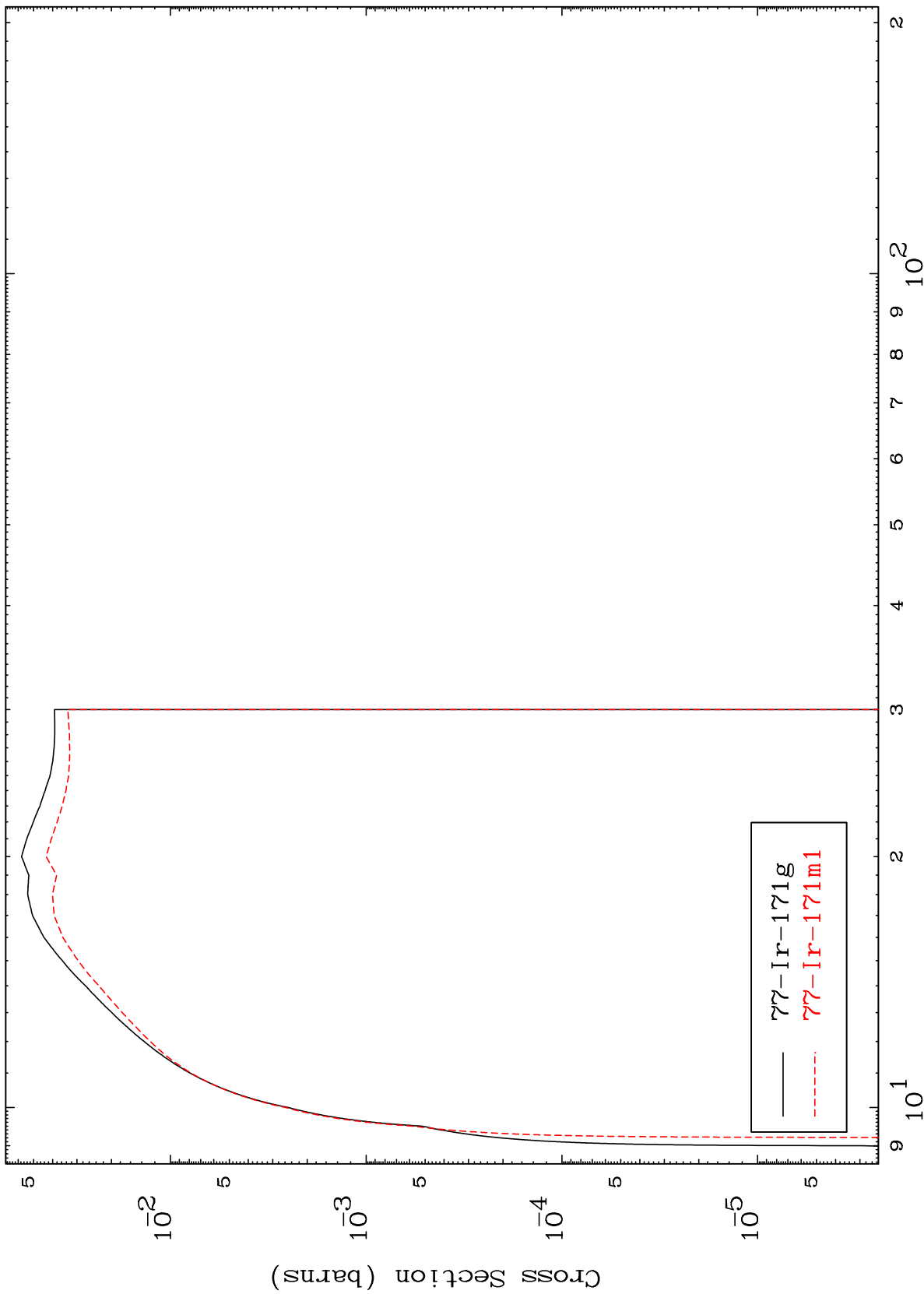
<sup>77</sup>Ir-172



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<sup>77</sup>Ir-172

Radionuclide Production Cross Section



<sup>77</sup>Ir-172

Incident Energy (MeV)

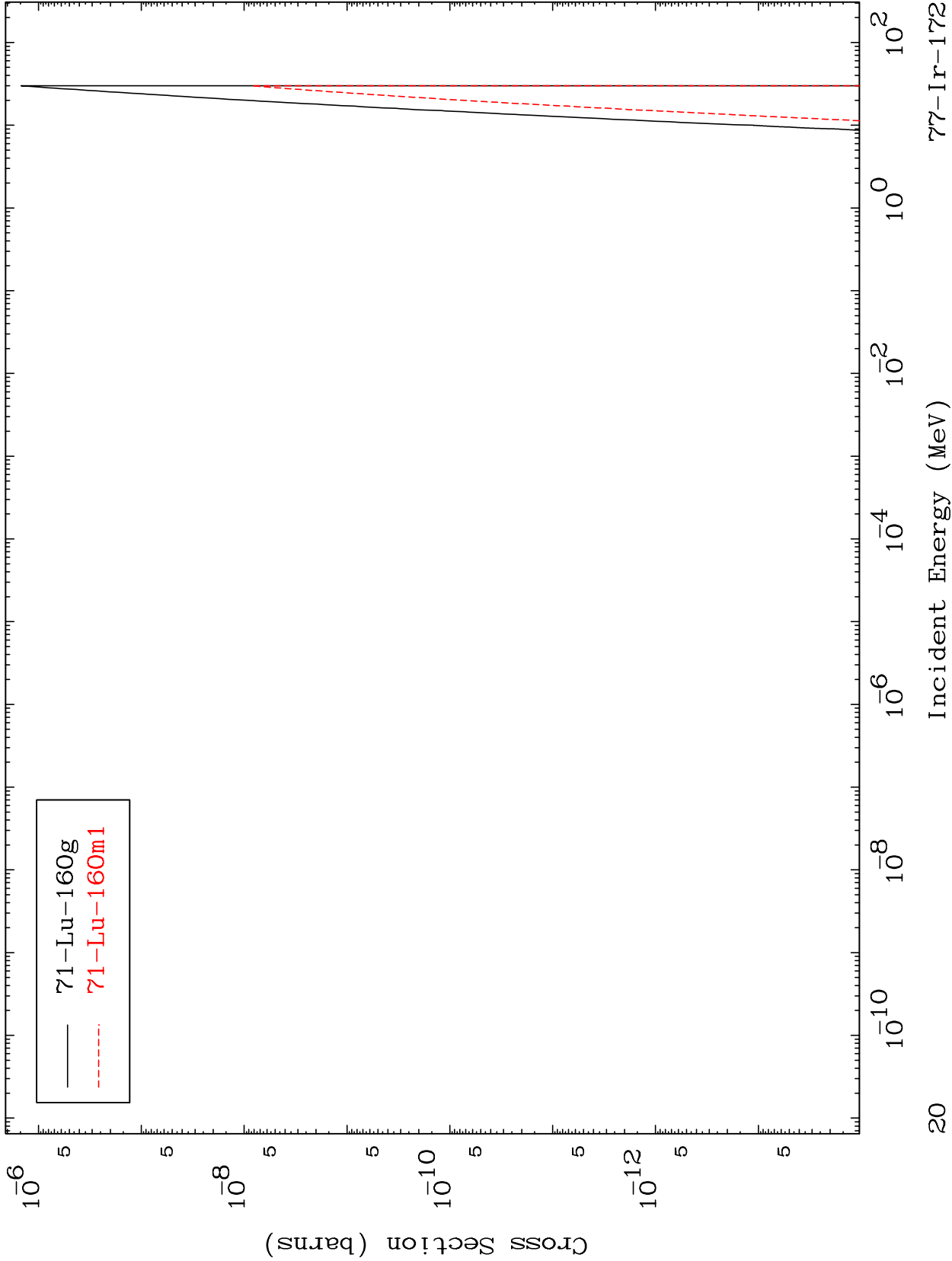
19

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(n,n') 3 $\alpha$

<sup>77</sup>Ir-172

Radionuclide Production Cross Section

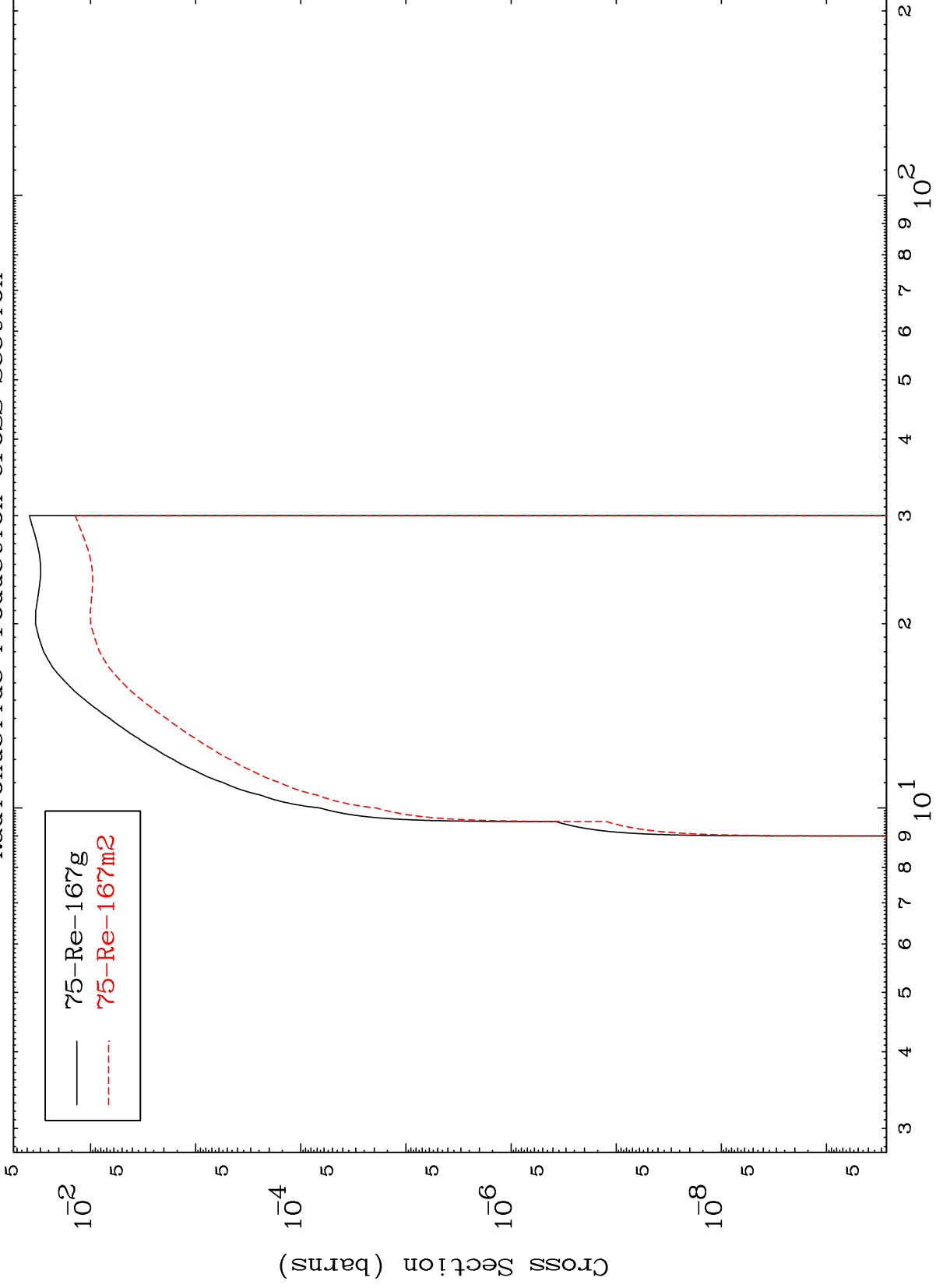


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$(n,2n) \alpha$

$^{77}\text{Ir-172}$

Radionuclide Production Cross Section

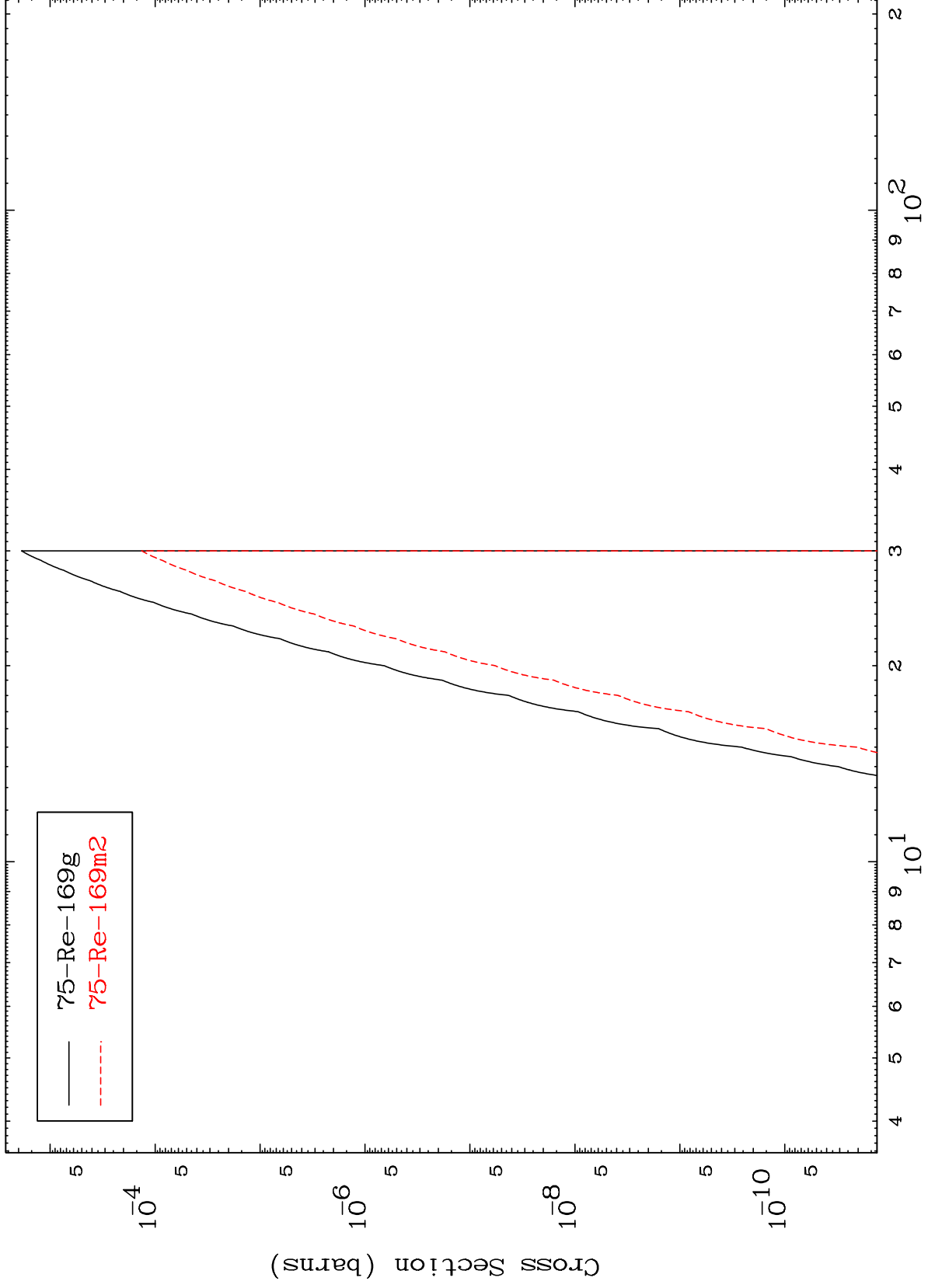


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(n,n') He-3

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Radionuclide Production Cross Section



22

Incident Energy (MeV)

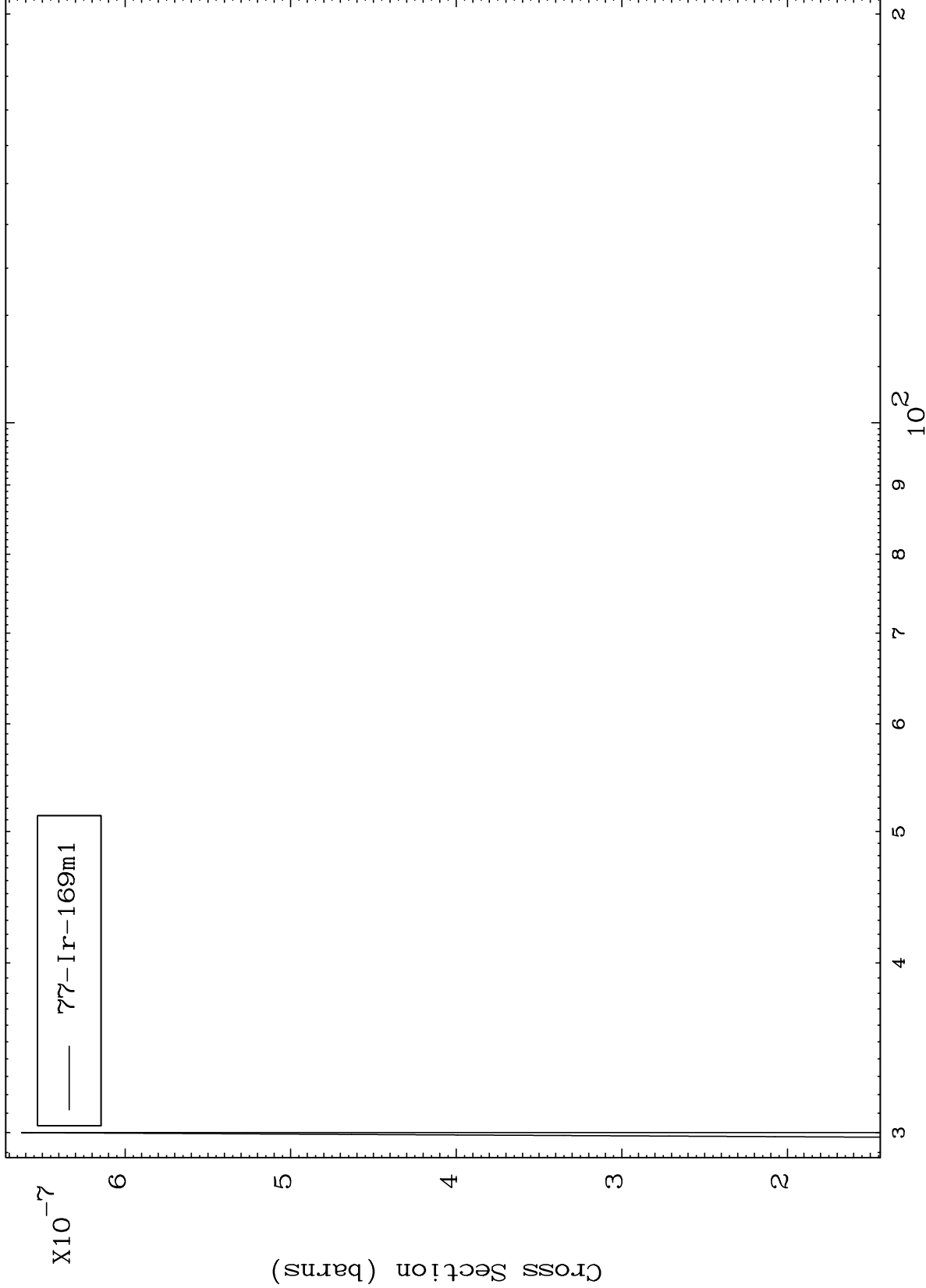
77-Ir-172

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(n,4n)

<sup>77</sup>Ir-172

Radionuclide Production Cross Section



23

Incident Energy (MeV)

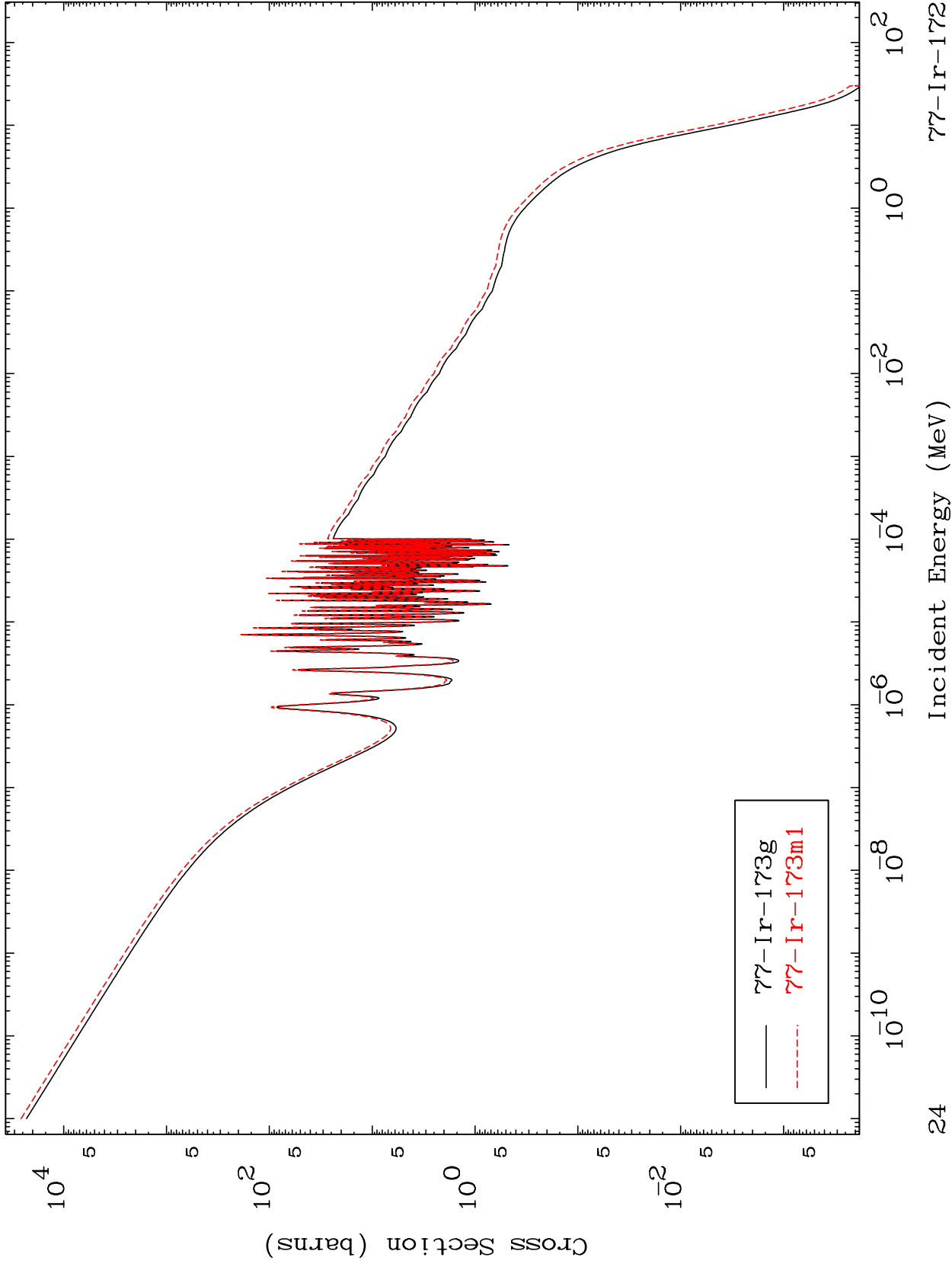
<sup>77</sup>Ir-172



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<sup>77</sup>Ir-172

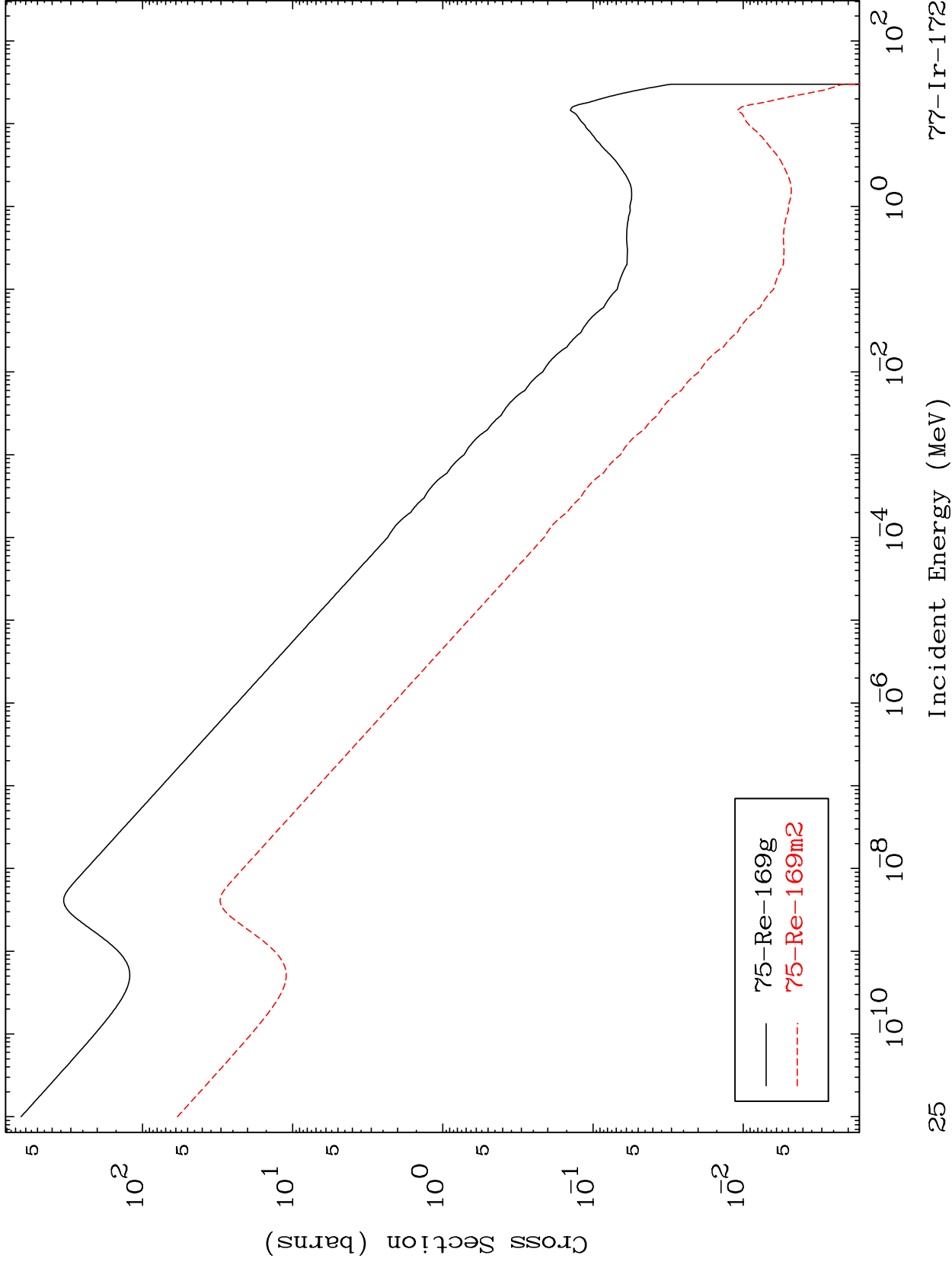
(n,γ)  
Radionuclide Production Cross Section



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77-Ir-172

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



25

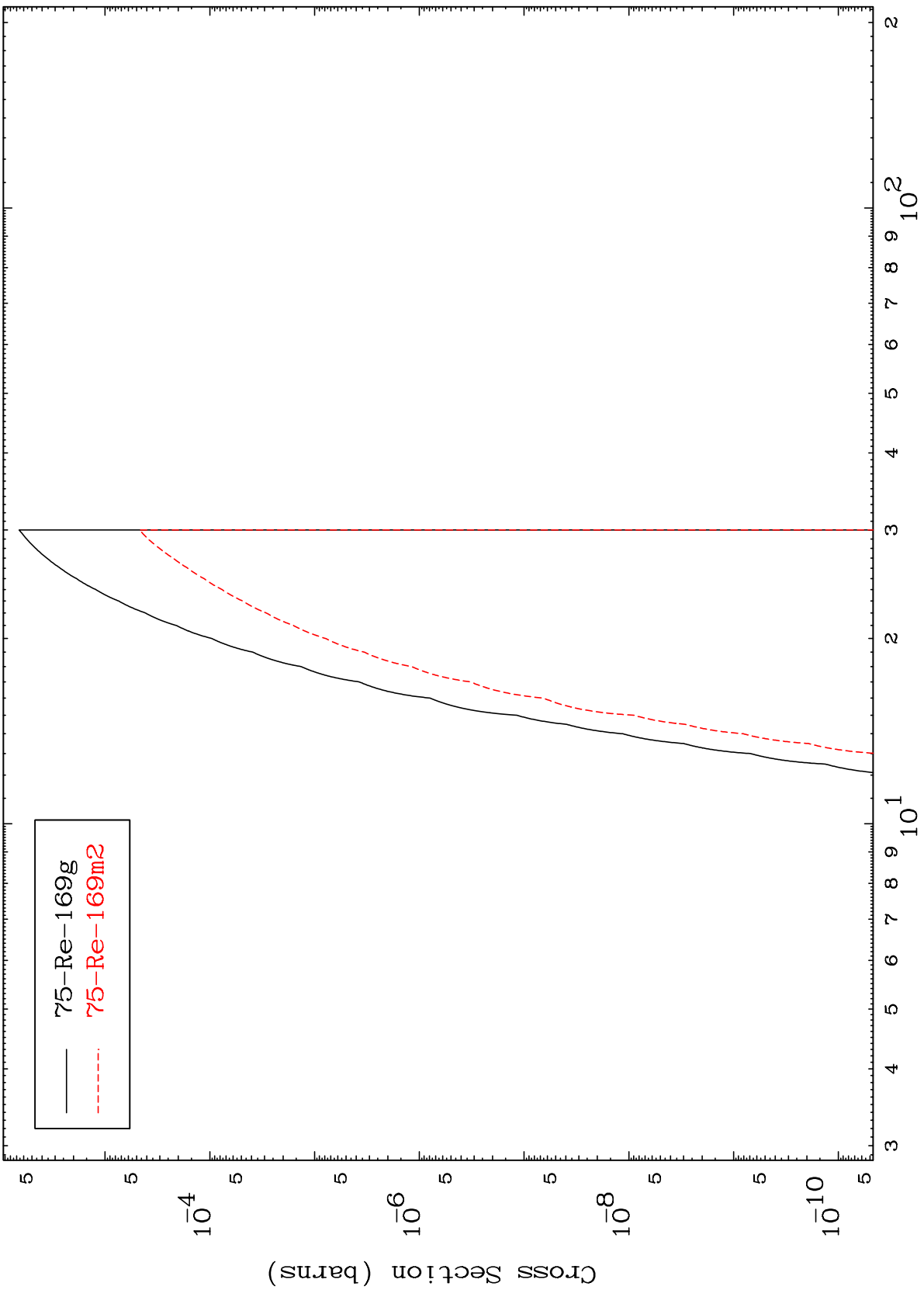
77-Ir-172

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(n,p) t

<sup>77</sup>Ir-172

Radionuclide Production Cross Section



— 75-Re-169g  
- - - 75-Re-169m2