

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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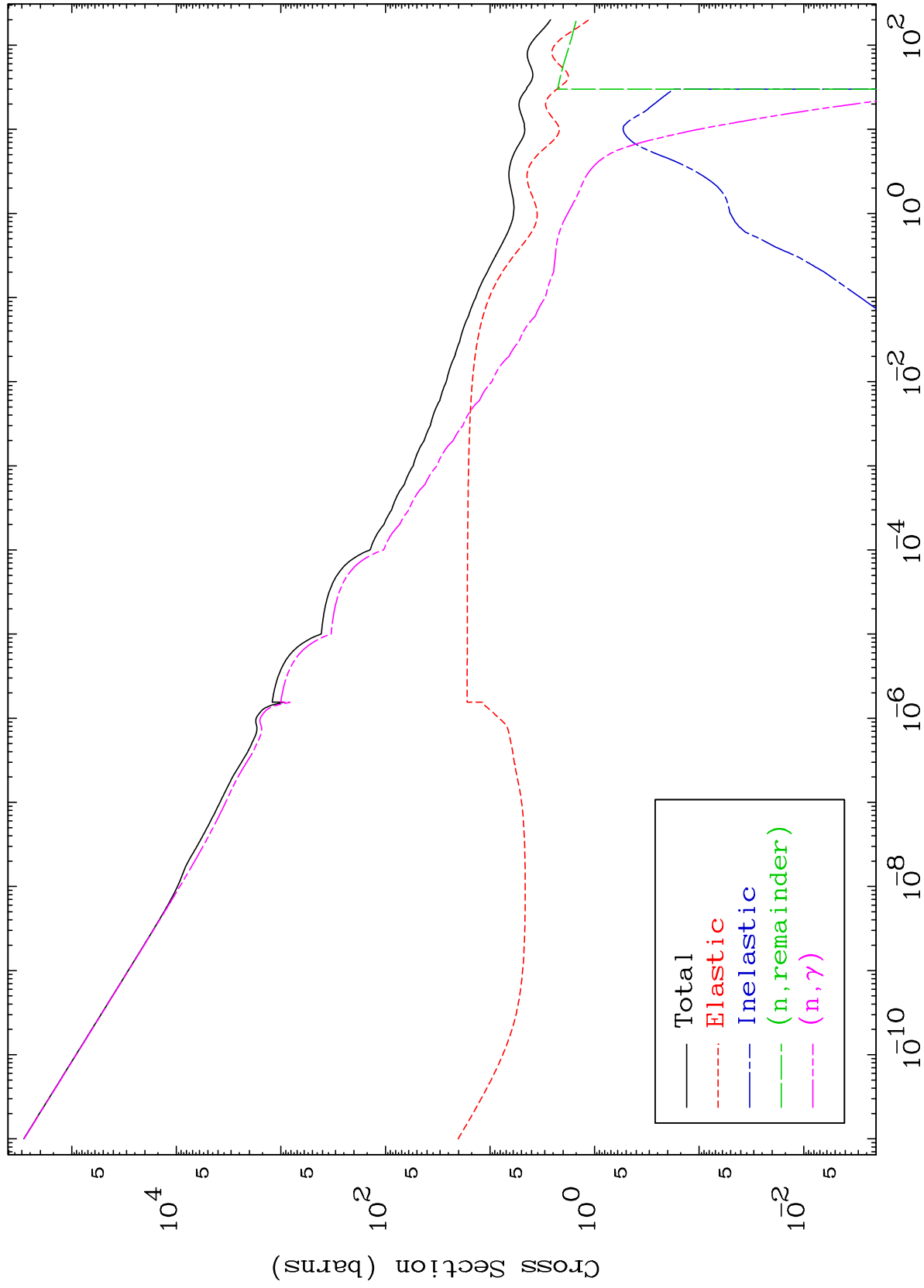
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7666

Major  
293 Kelvin Cross Sections

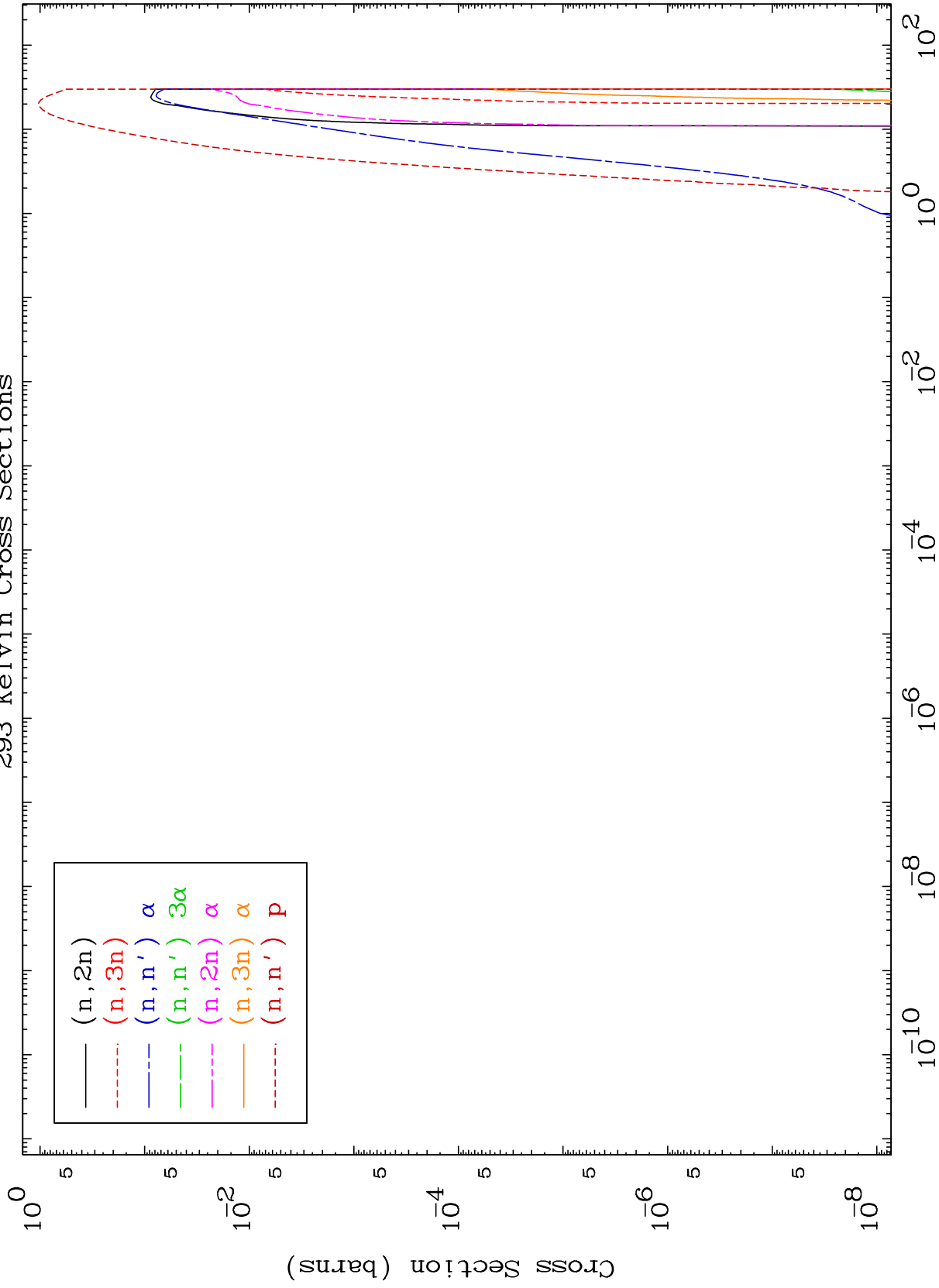
77-Ir-171



MAT 7666

Neutron Production  
293 Kelvin Cross Sections

77-Ir-171



2

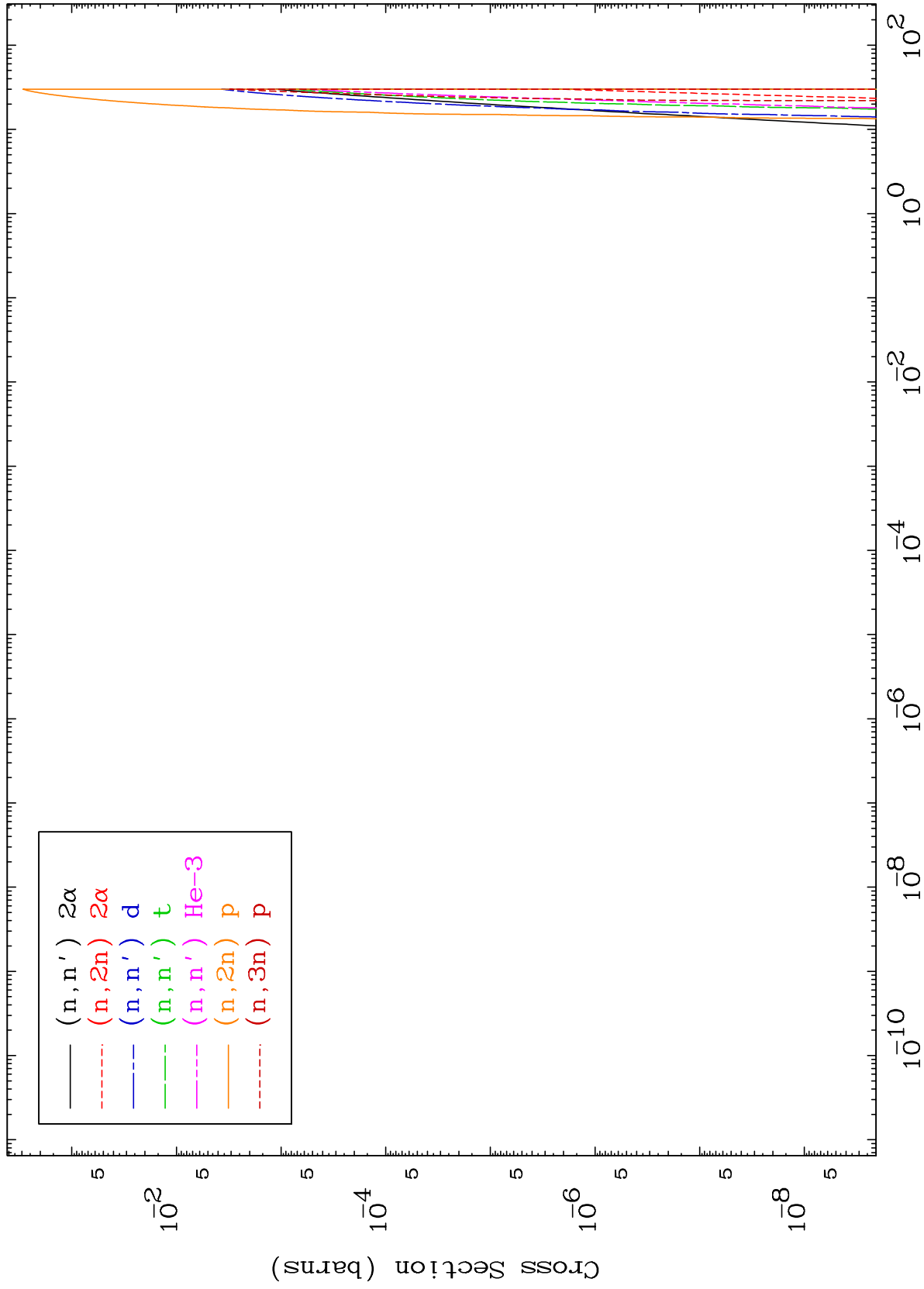
Incident Energy (MeV)

77-Ir-171

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Neutron Production  
293 Kelvin Cross Sections

77-Ir-171



3

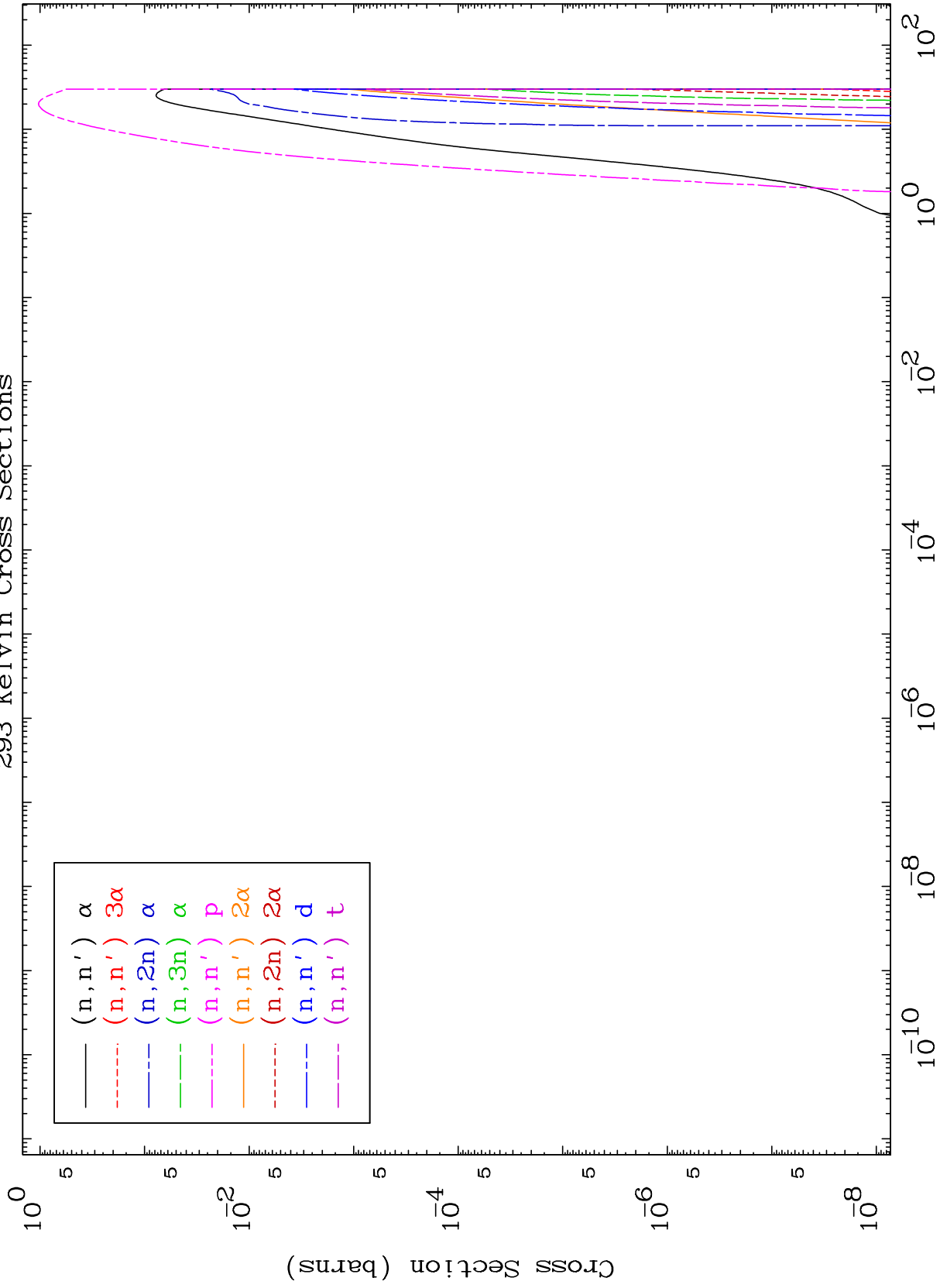
Incident Energy (MeV)

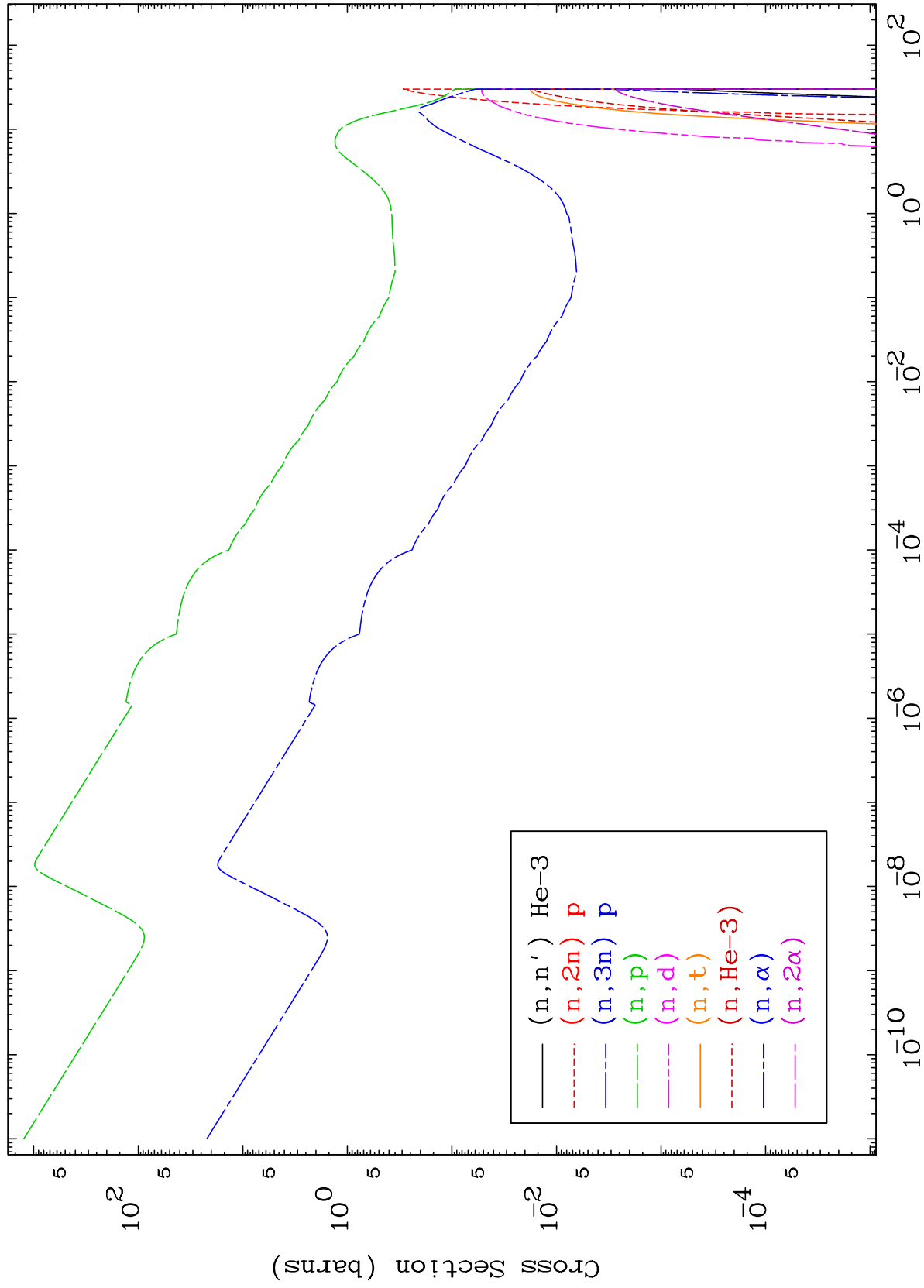
77-Ir-171

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293 Kelvin Cross Sections

77-Ir-171

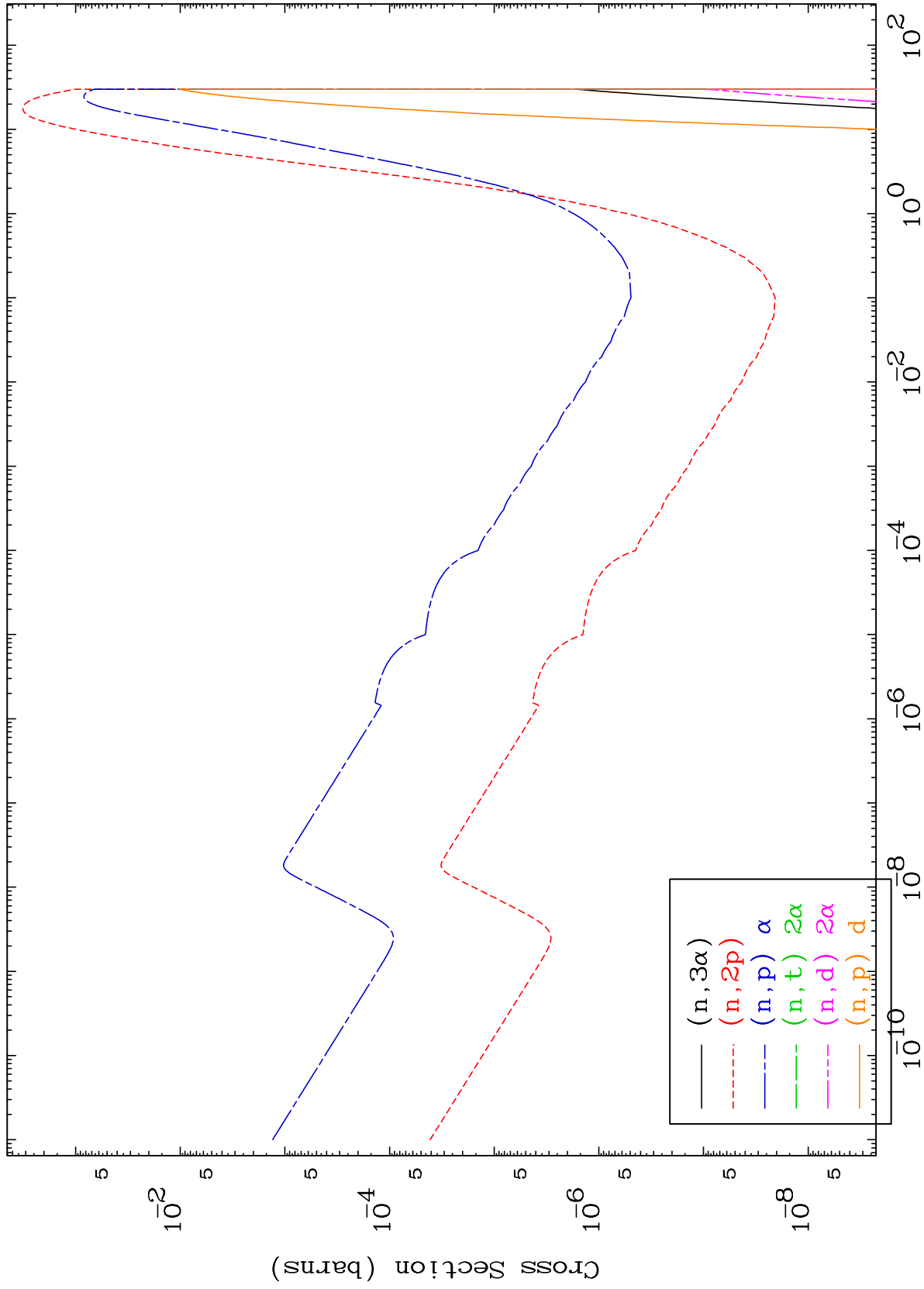




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Charged Particle  
293 Kelvin Cross Sections

77-Ir-171

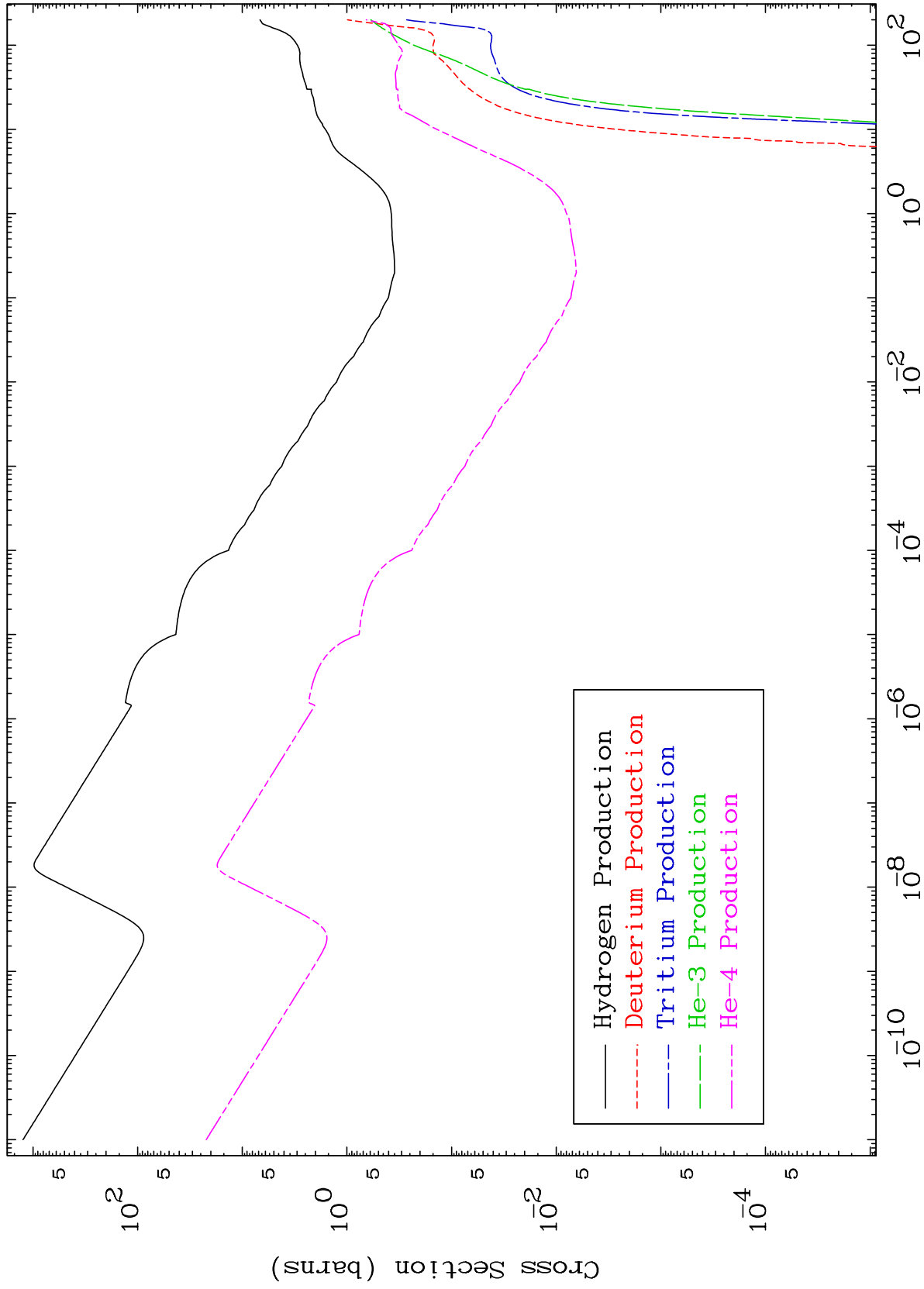


77-Ir-171

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Particle Production  
293 Kelvin Cross Sections

77-Ir-171

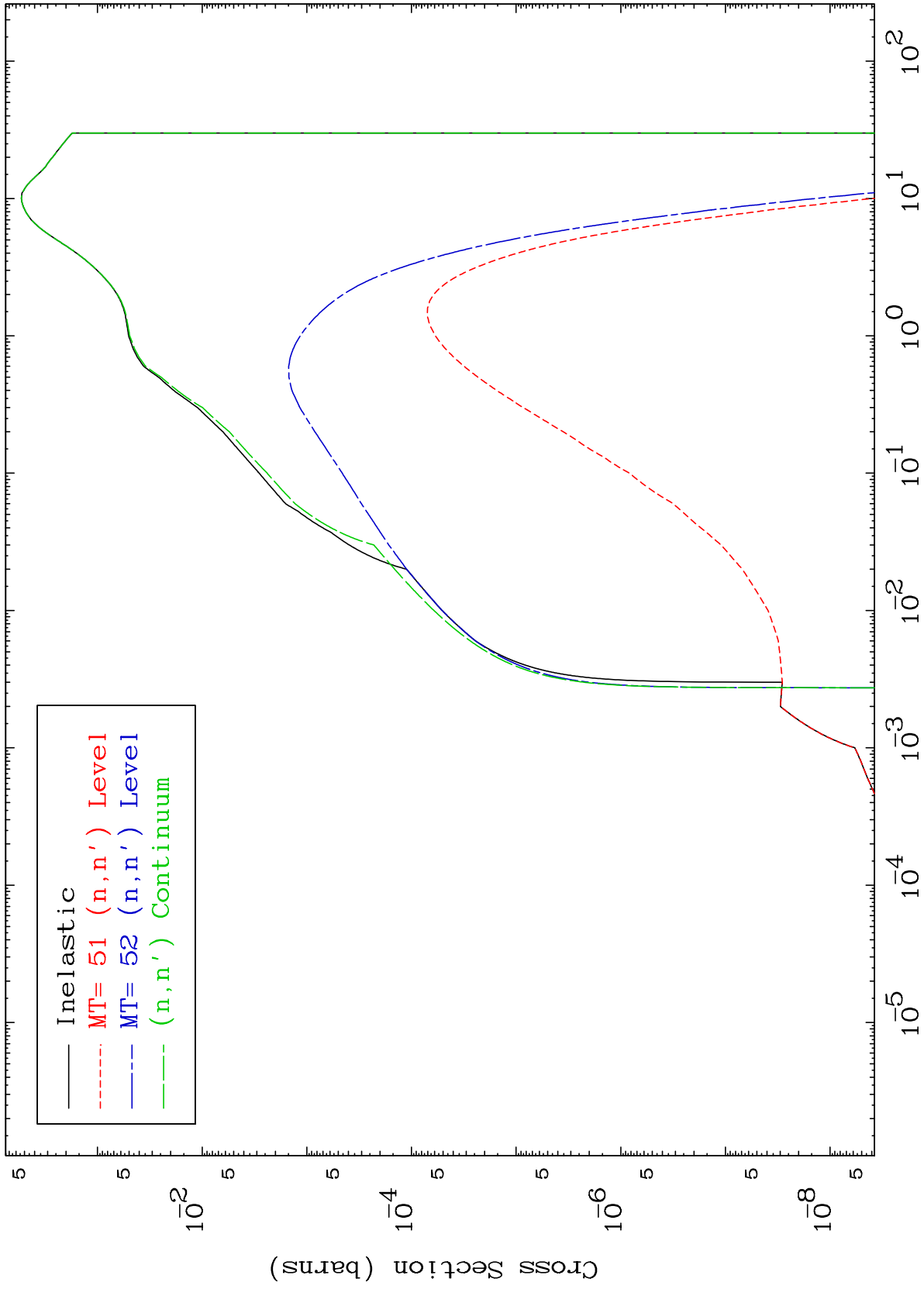




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(n,n') Level  
293 Kelvin Cross Sections

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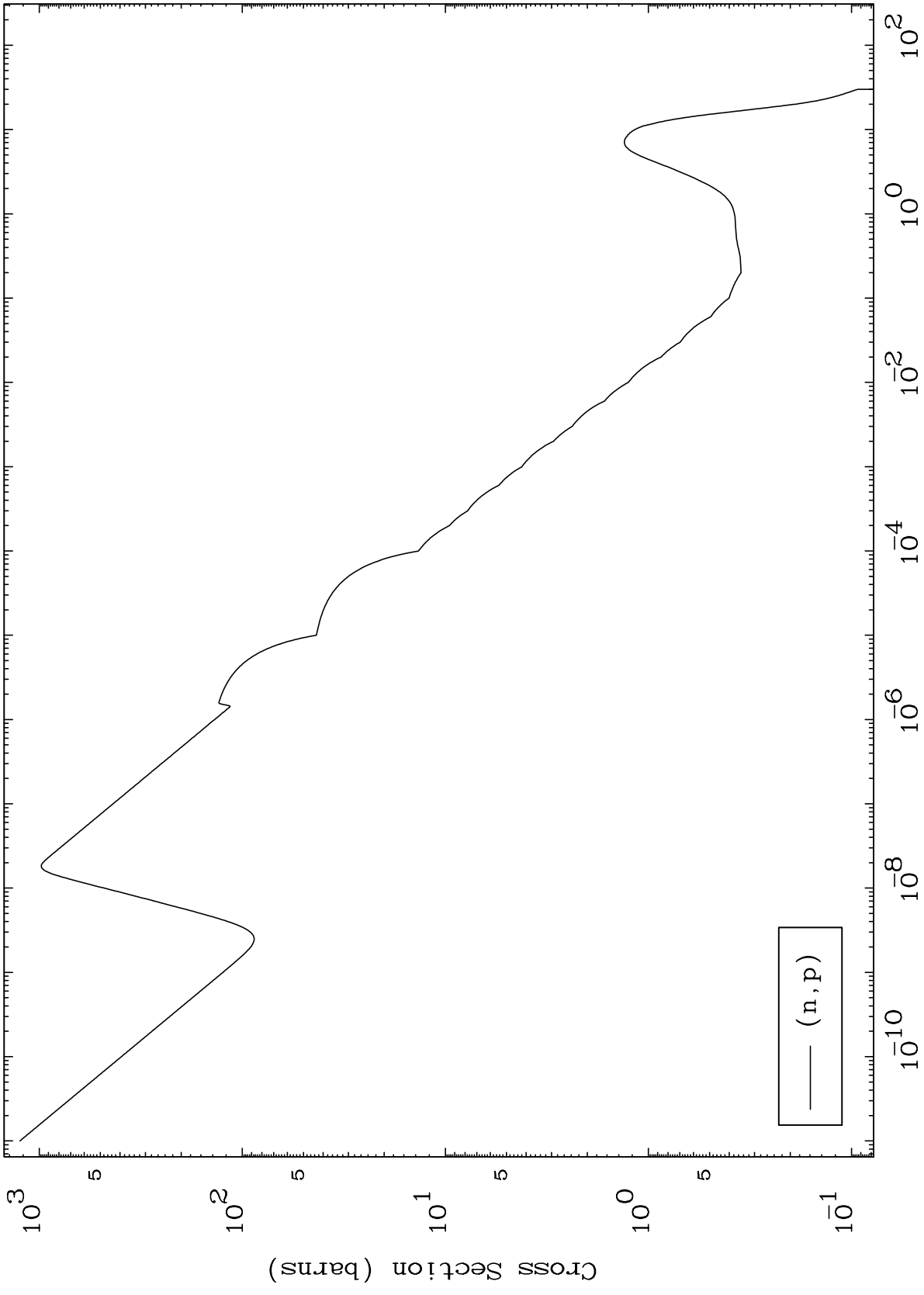


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(n,p) Levels  
293 Kelvin Cross Sections

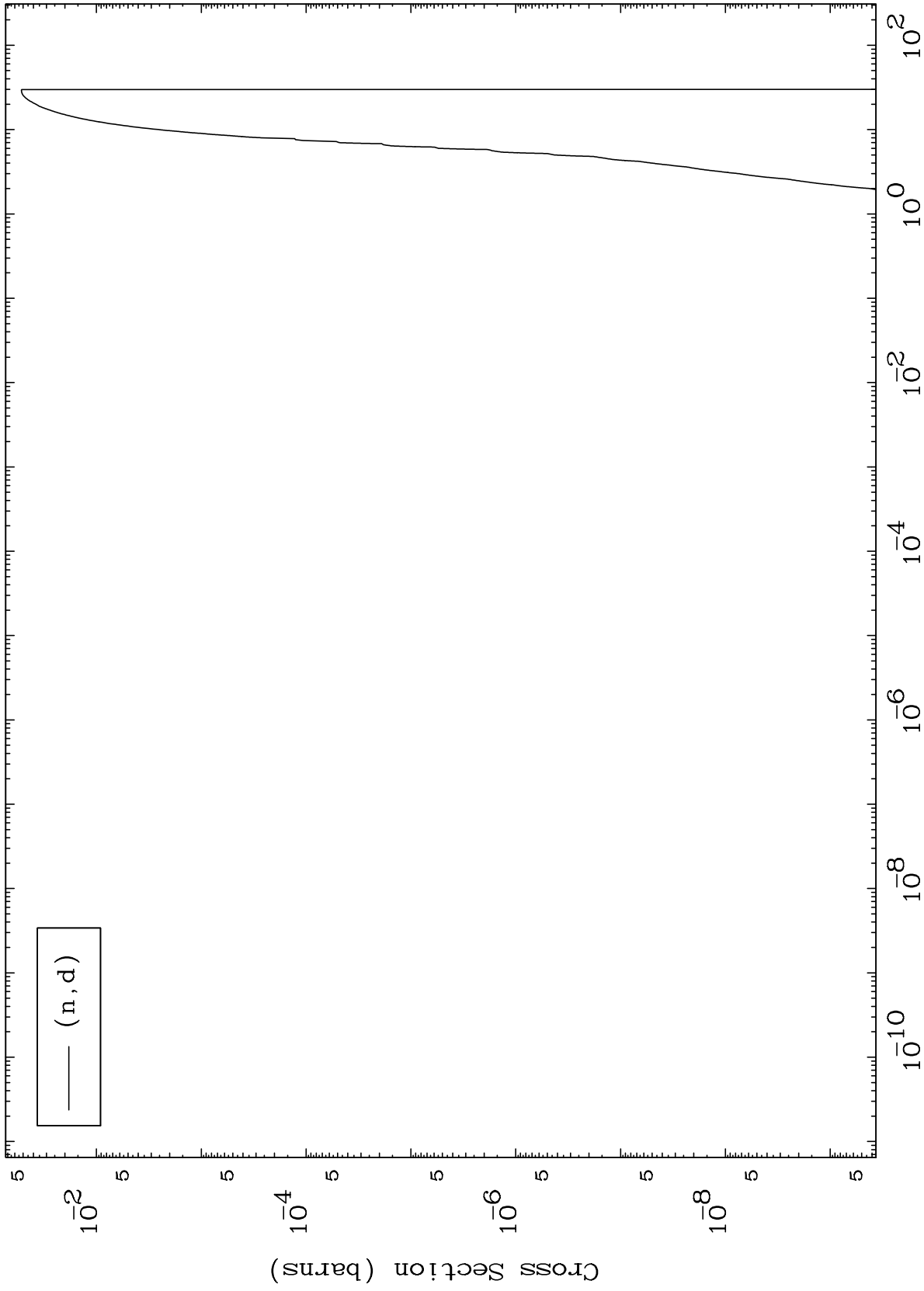
77-Ir-171



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(n,d) Levels  
293 Kelvin Cross Sections

77-Ir-171



10

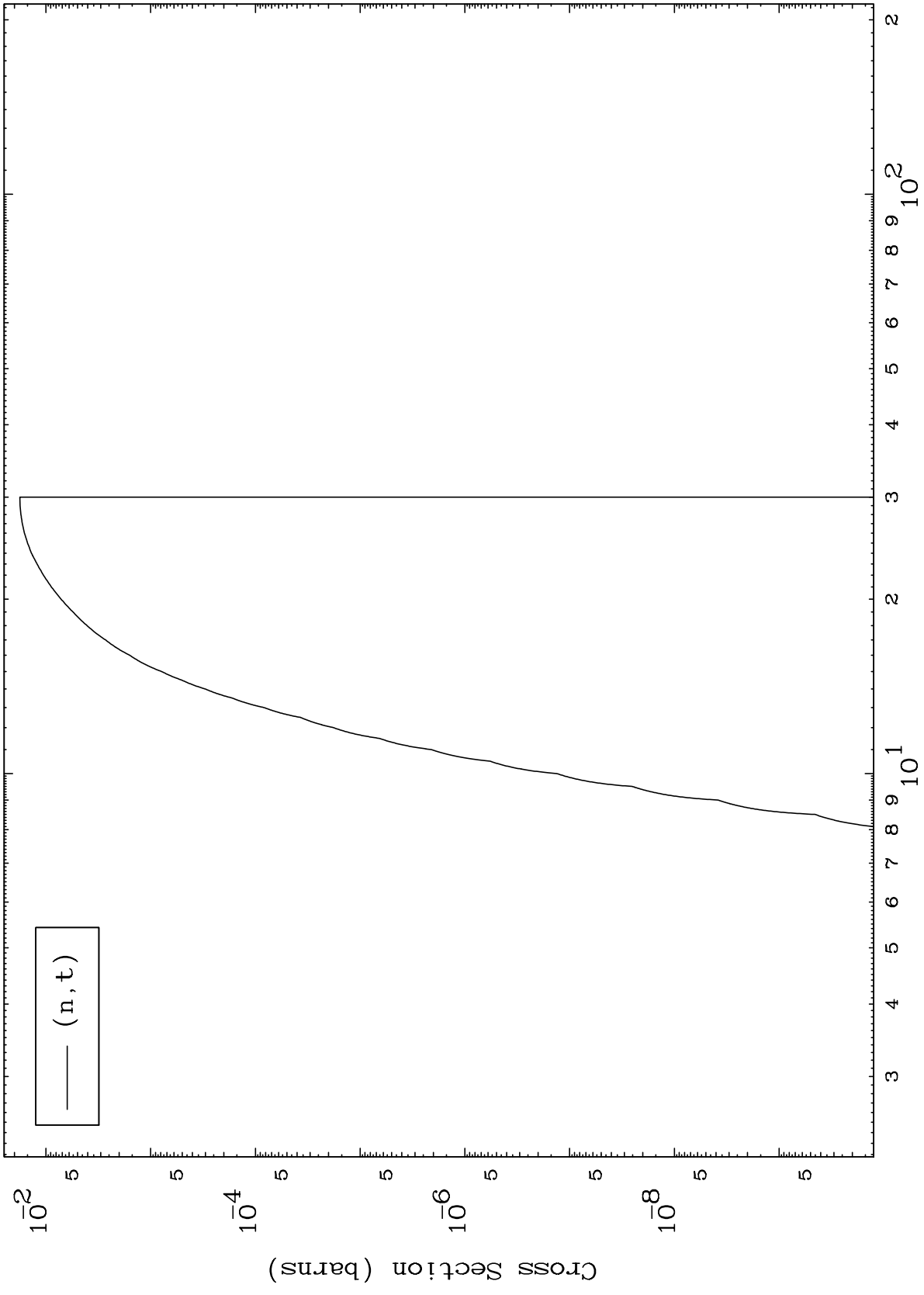
Incident Energy (MeV)

77-Ir-171

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(n,t) Levels  
293 Kelvin Cross Sections

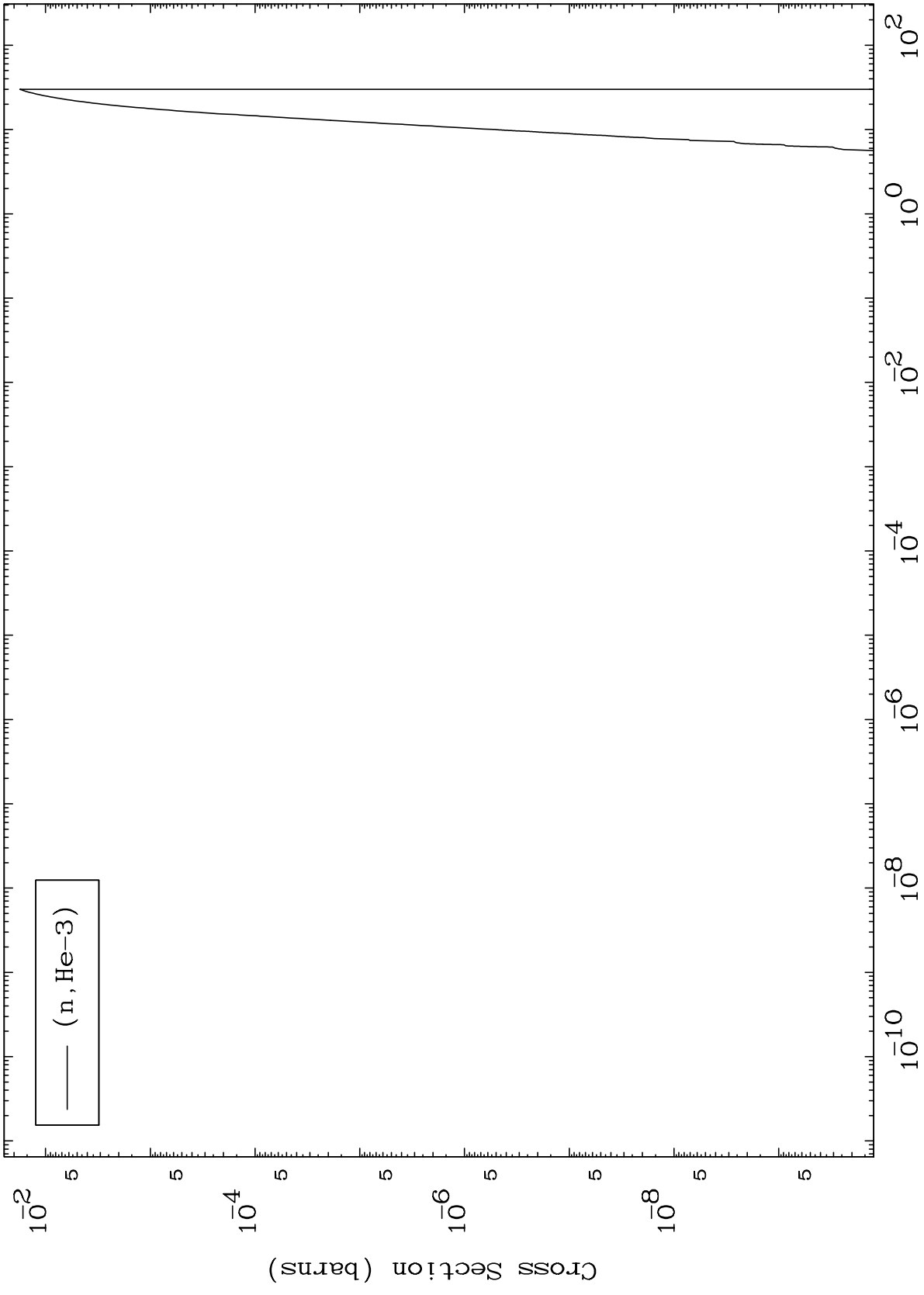
77-Ir-171



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(n,He3) Levels  
293 Kelvin Cross Sections

77-Ir-171



12

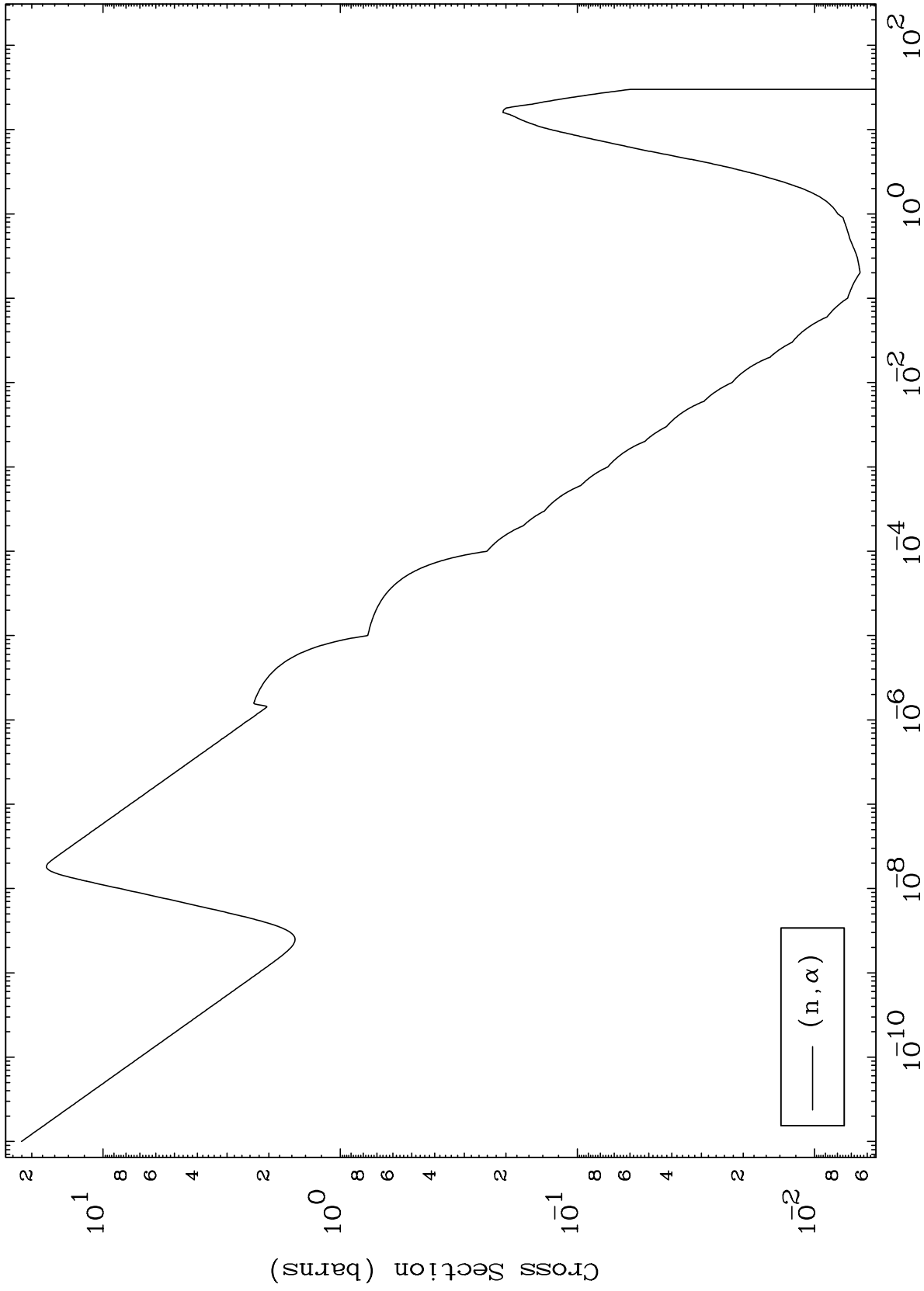
Incident Energy (MeV)

77-Ir-171

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(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

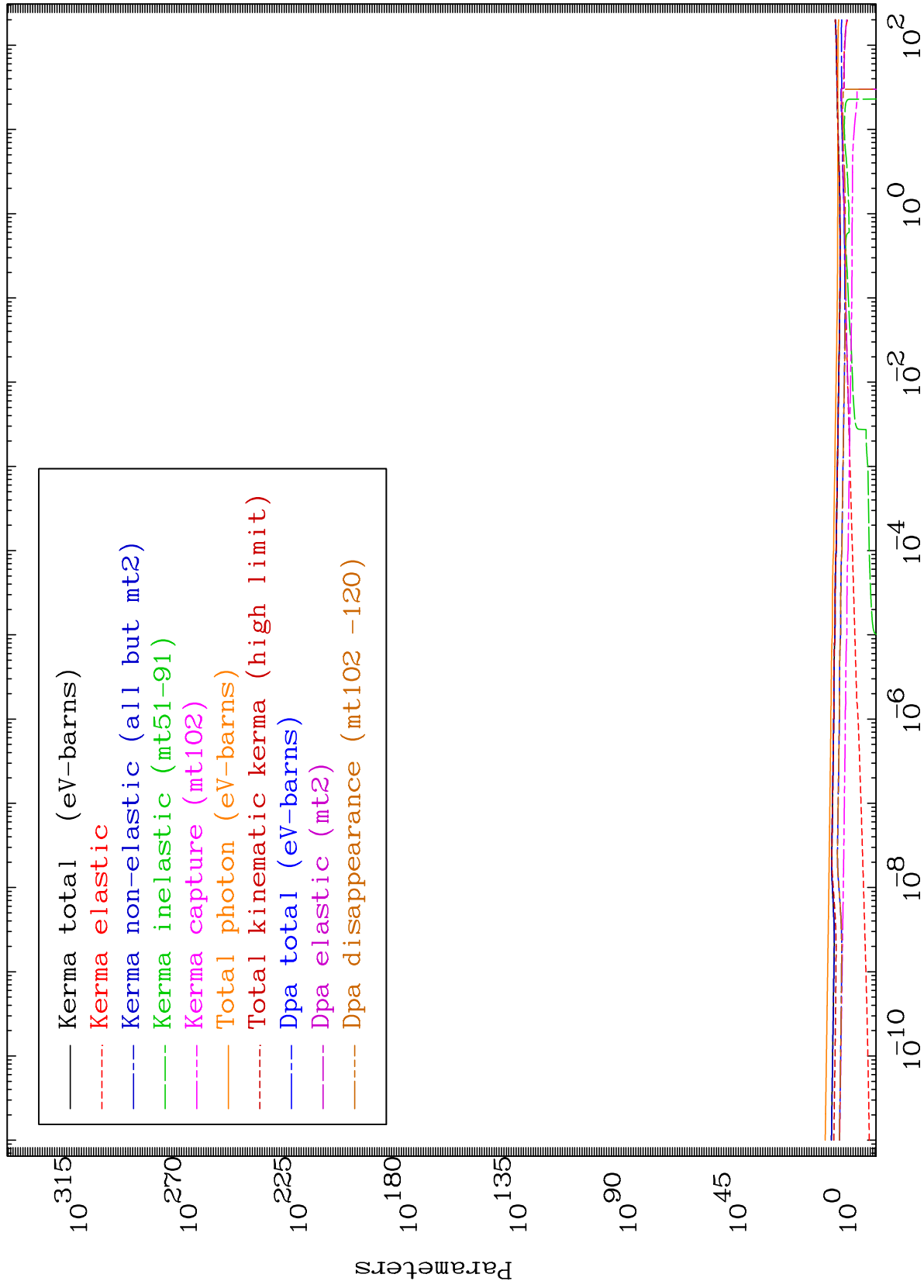
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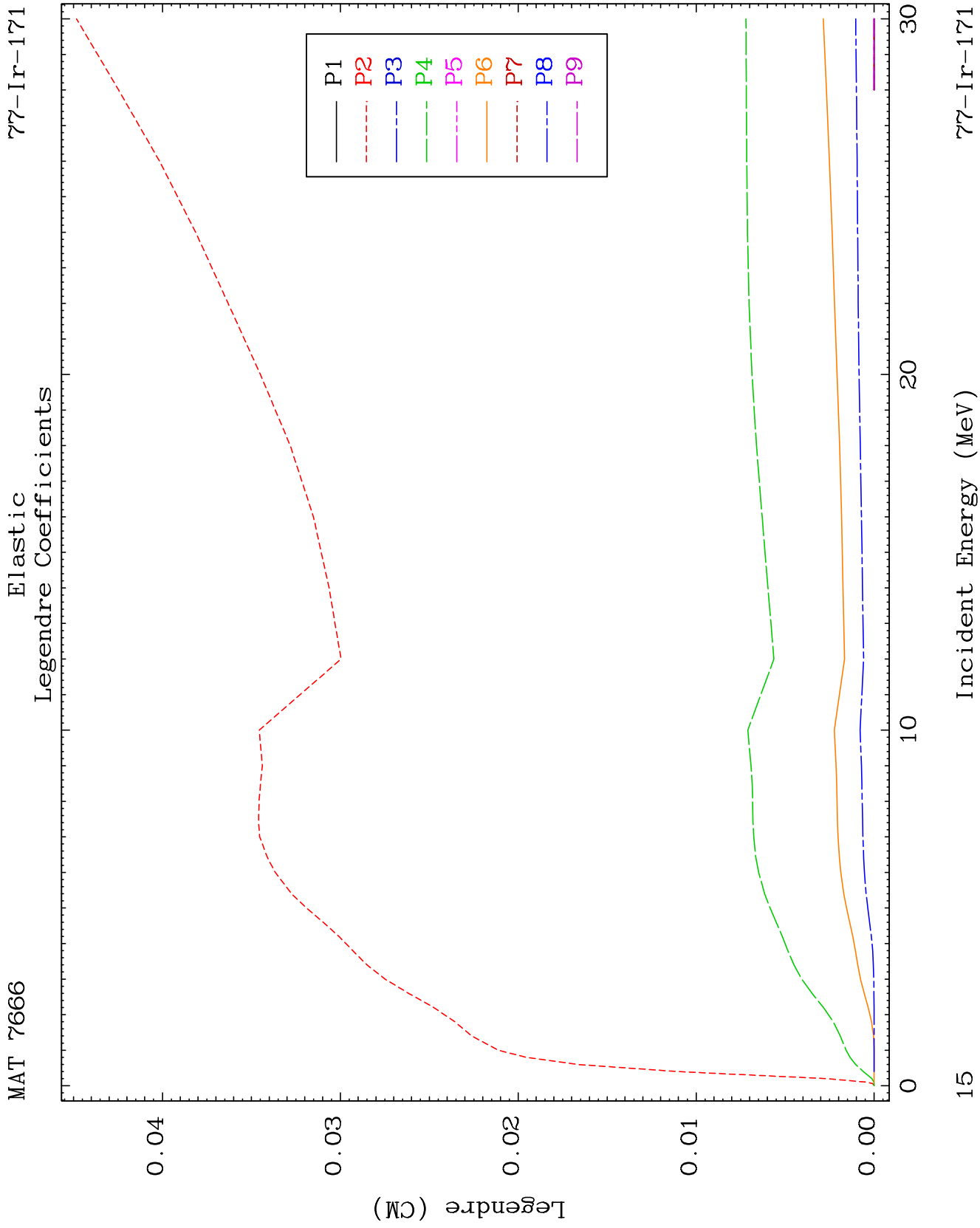


13

Incident Energy (MeV)

77-Ir-171



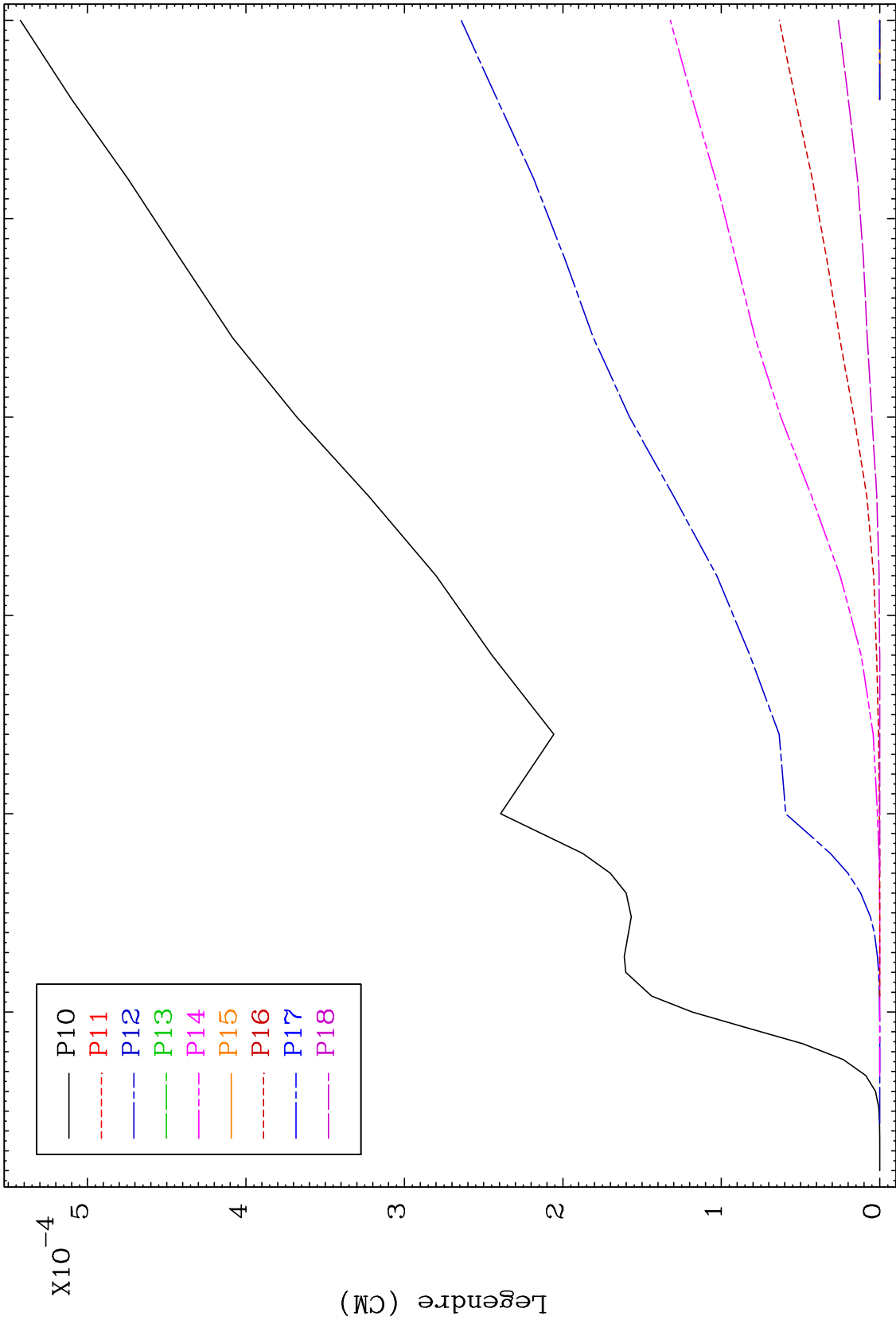
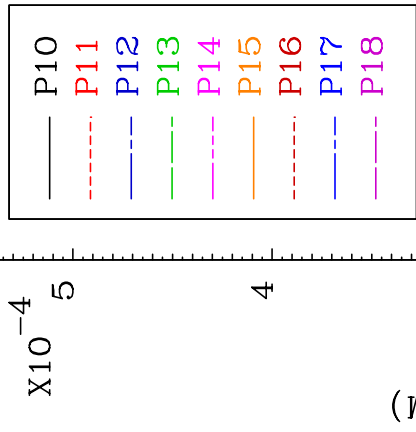




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Elastic Legendre Coefficients

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16

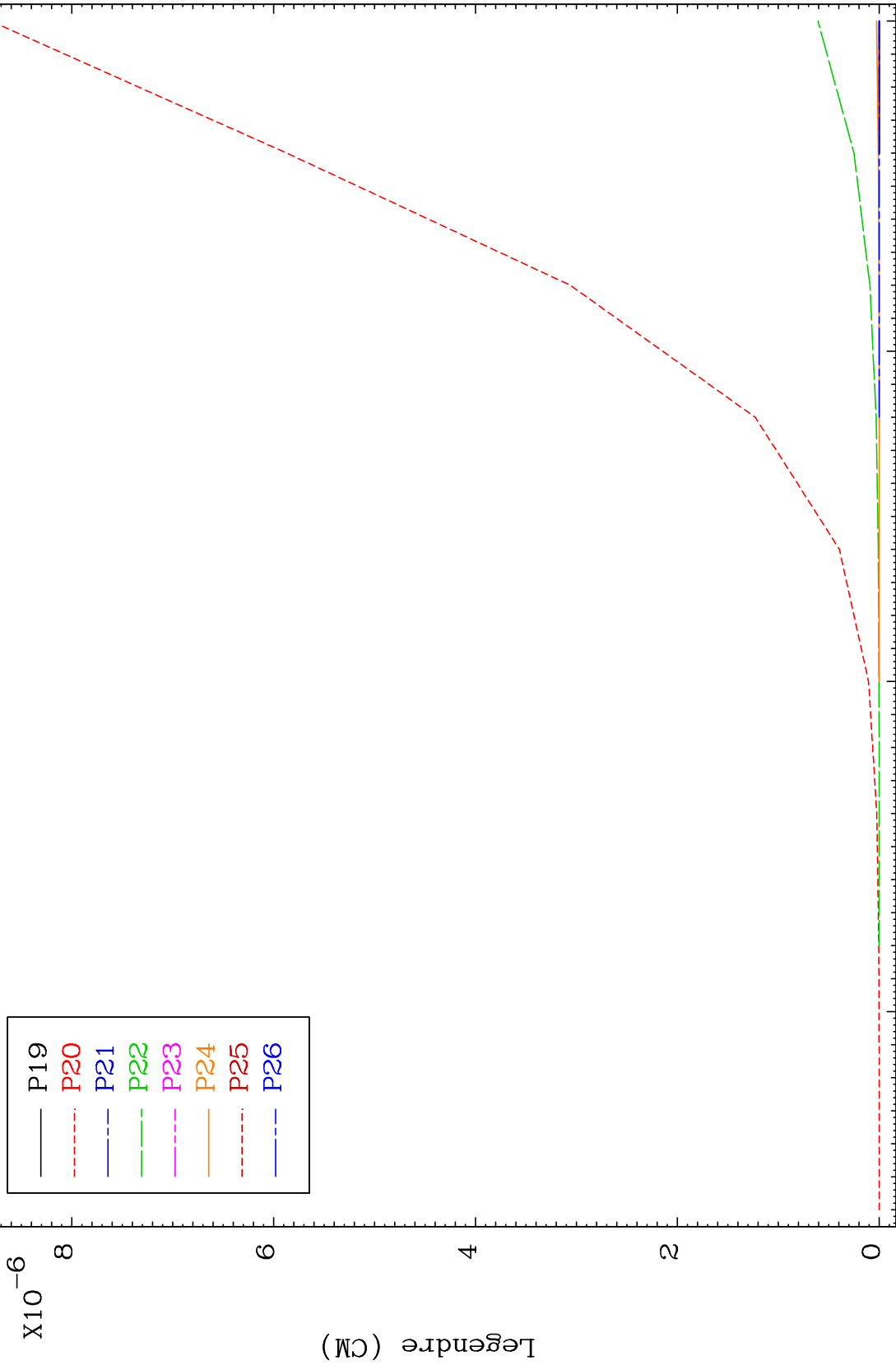
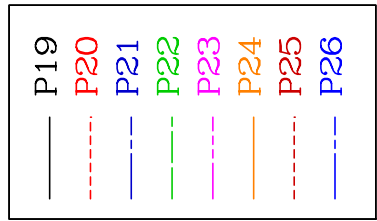
Incident Energy (MeV)

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Elastic Legendre Coefficients

77-Ir-171



17

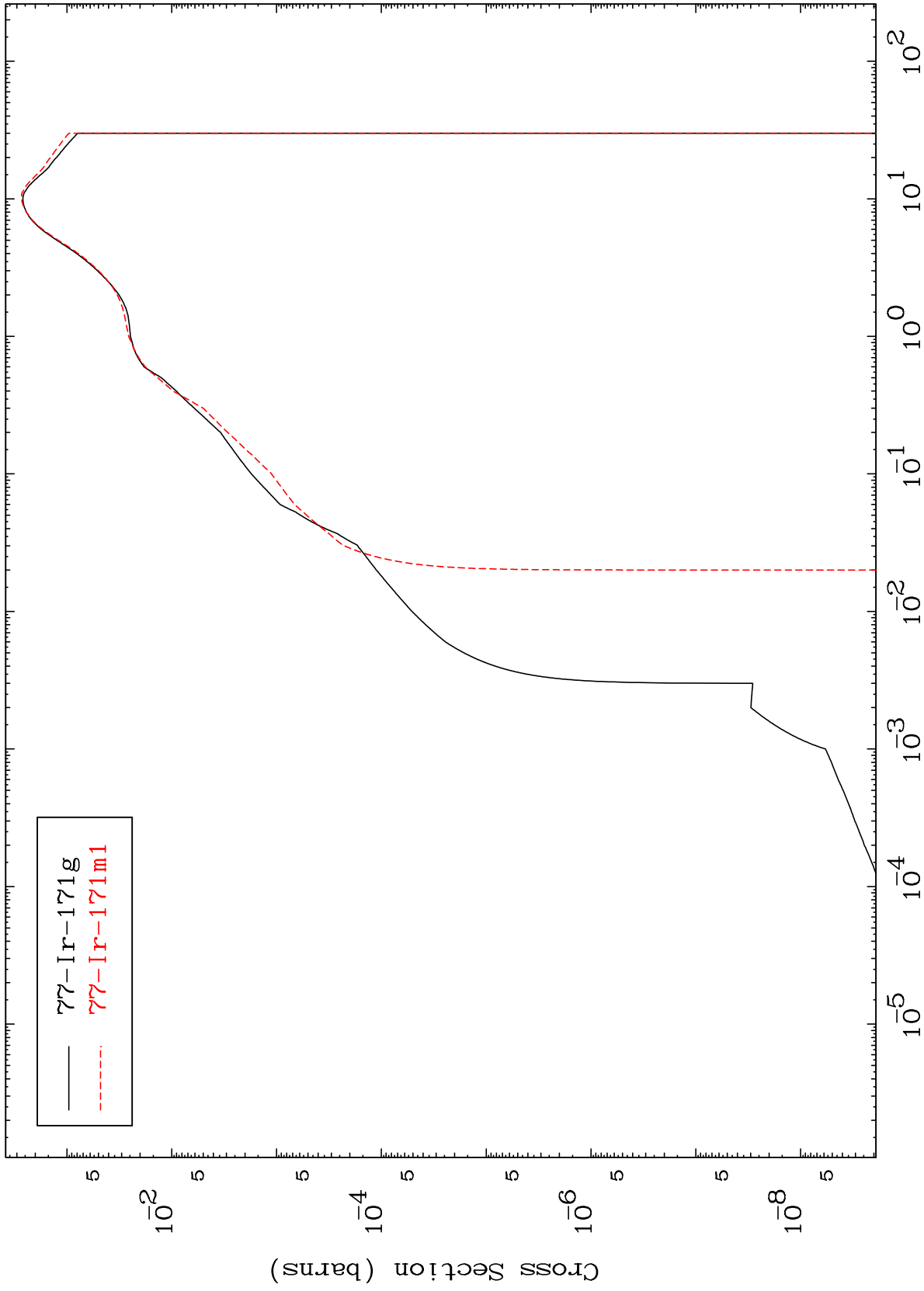
Incident Energy (MeV)

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Inelastic  
Radionuclide Production Cross Section

<sup>77</sup>Ir-171

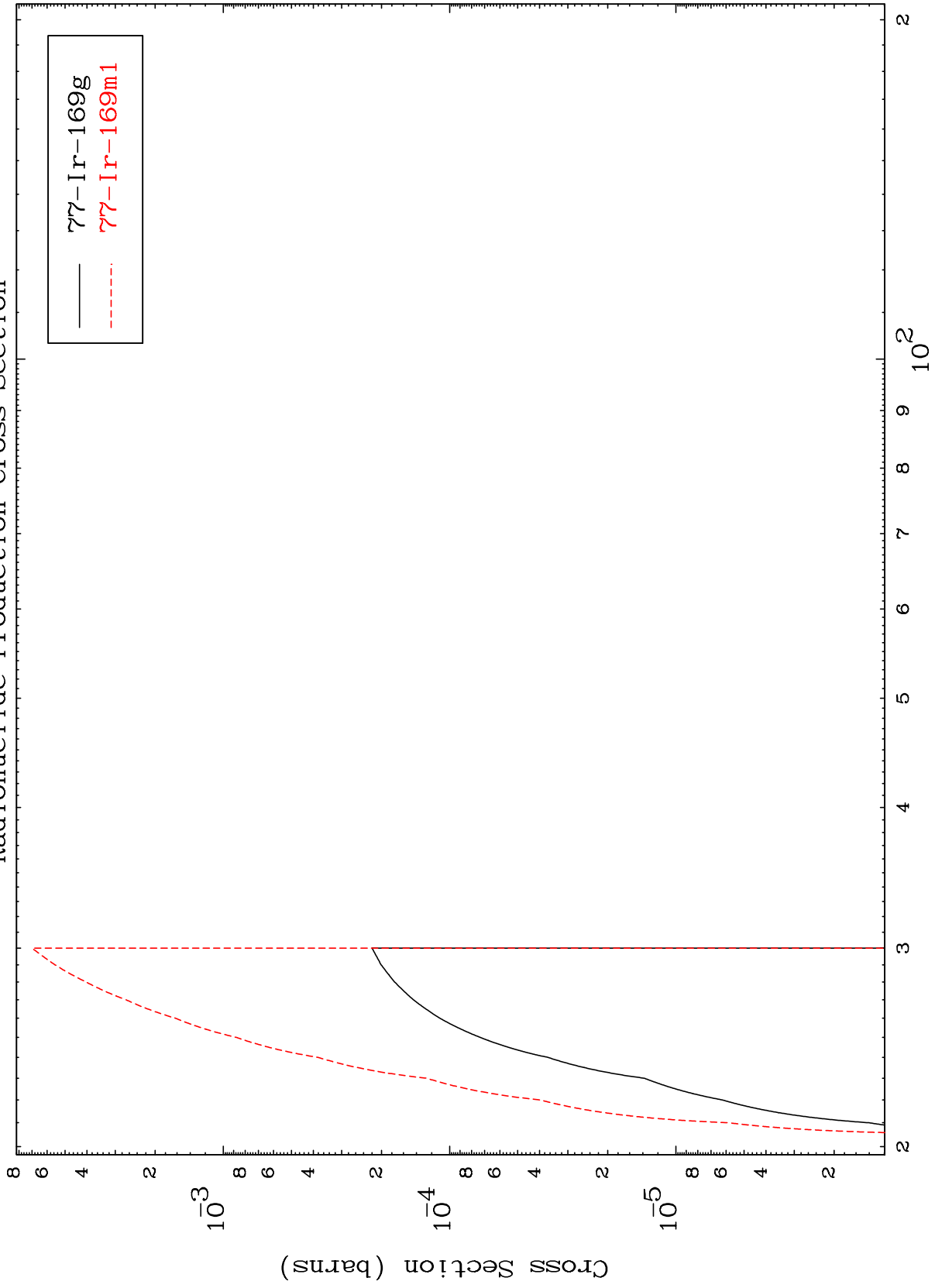


<sup>77</sup>Ir-171

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<sup>77</sup>Ir-171

(n,3n)  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

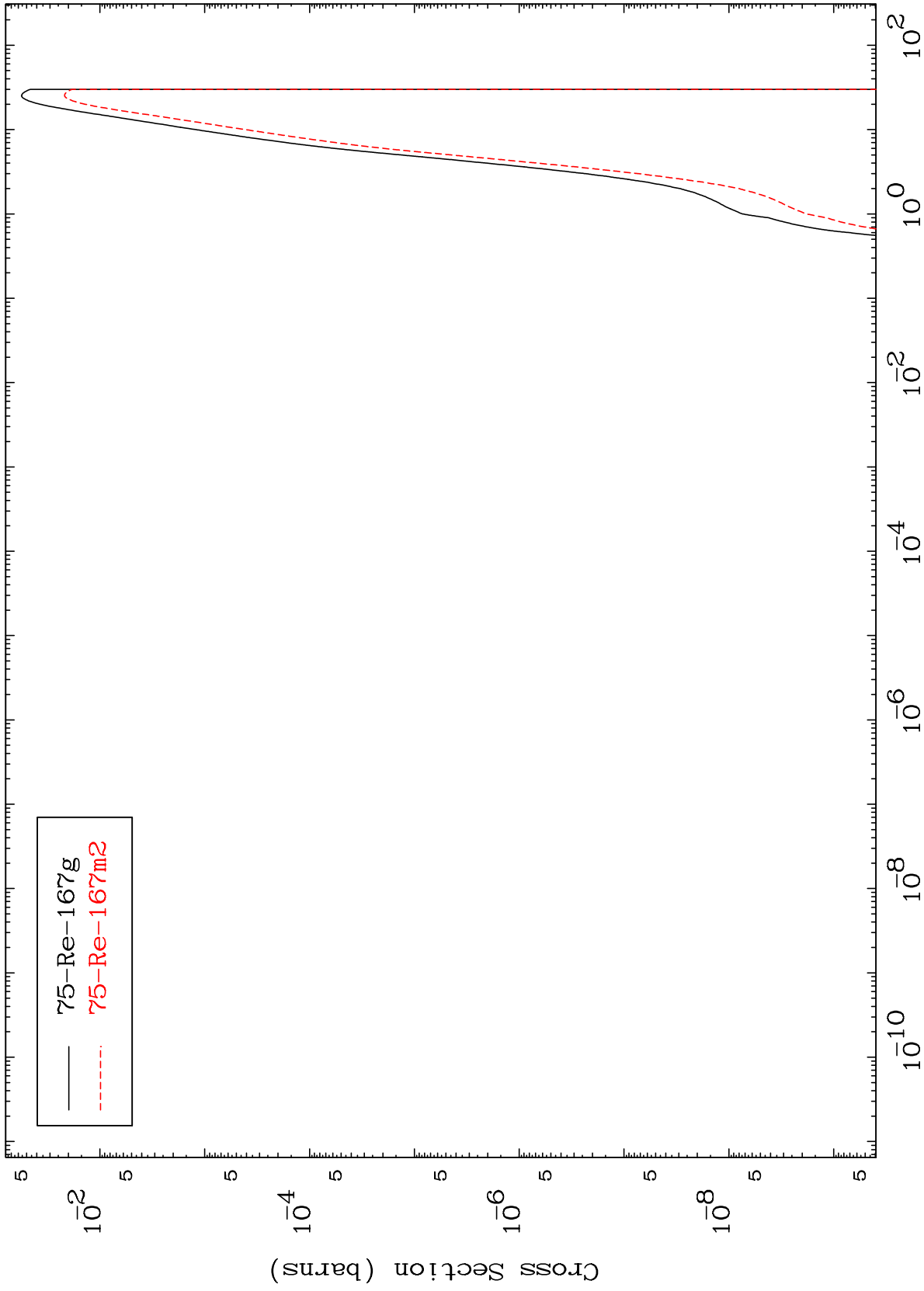
<sup>77</sup>Ir-171

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(n,n')  $\alpha$

77-Ir-171

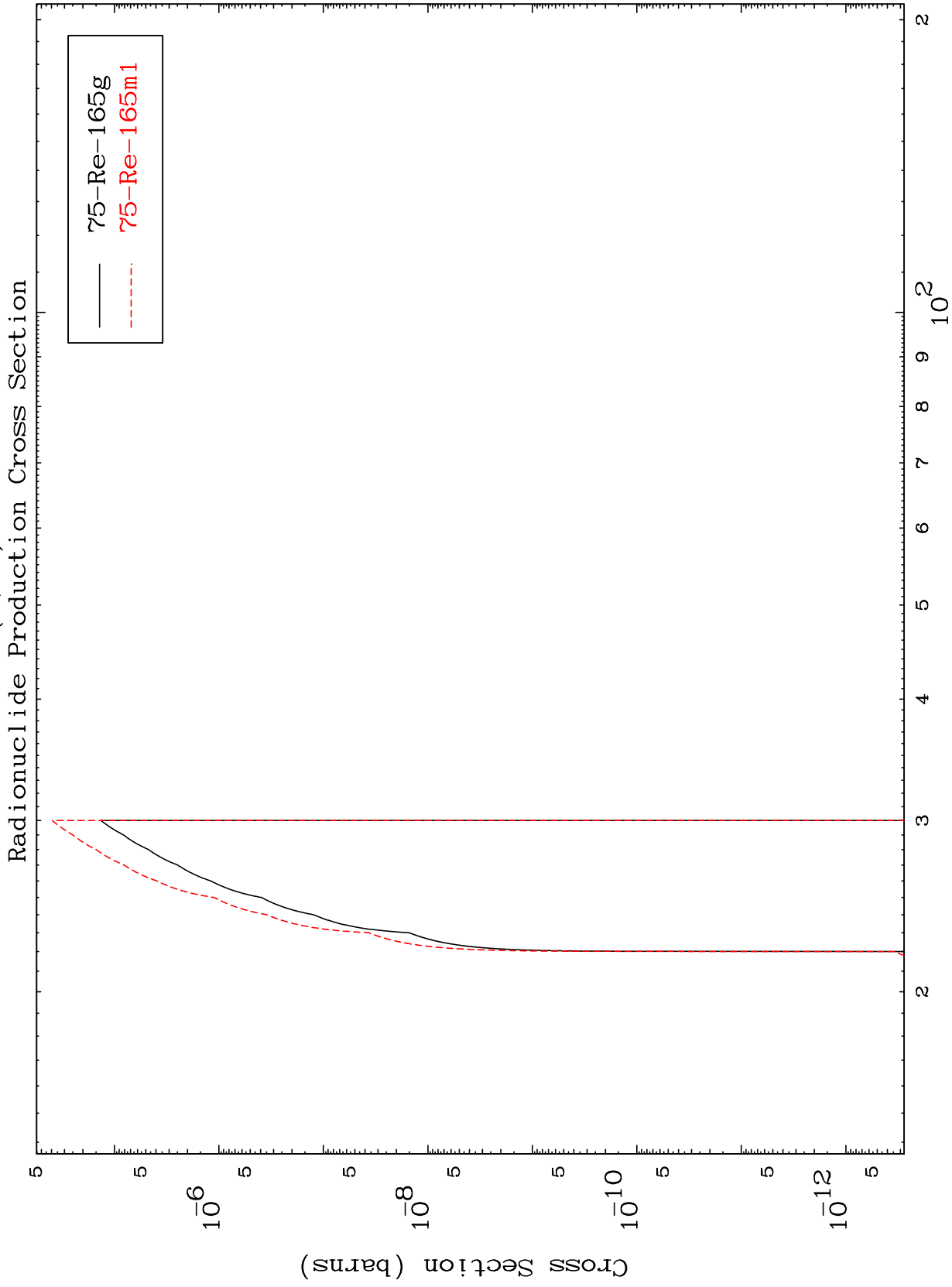
Radionuclide Production Cross Section



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(n,3n)  $\alpha$

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21

Incident Energy (MeV)

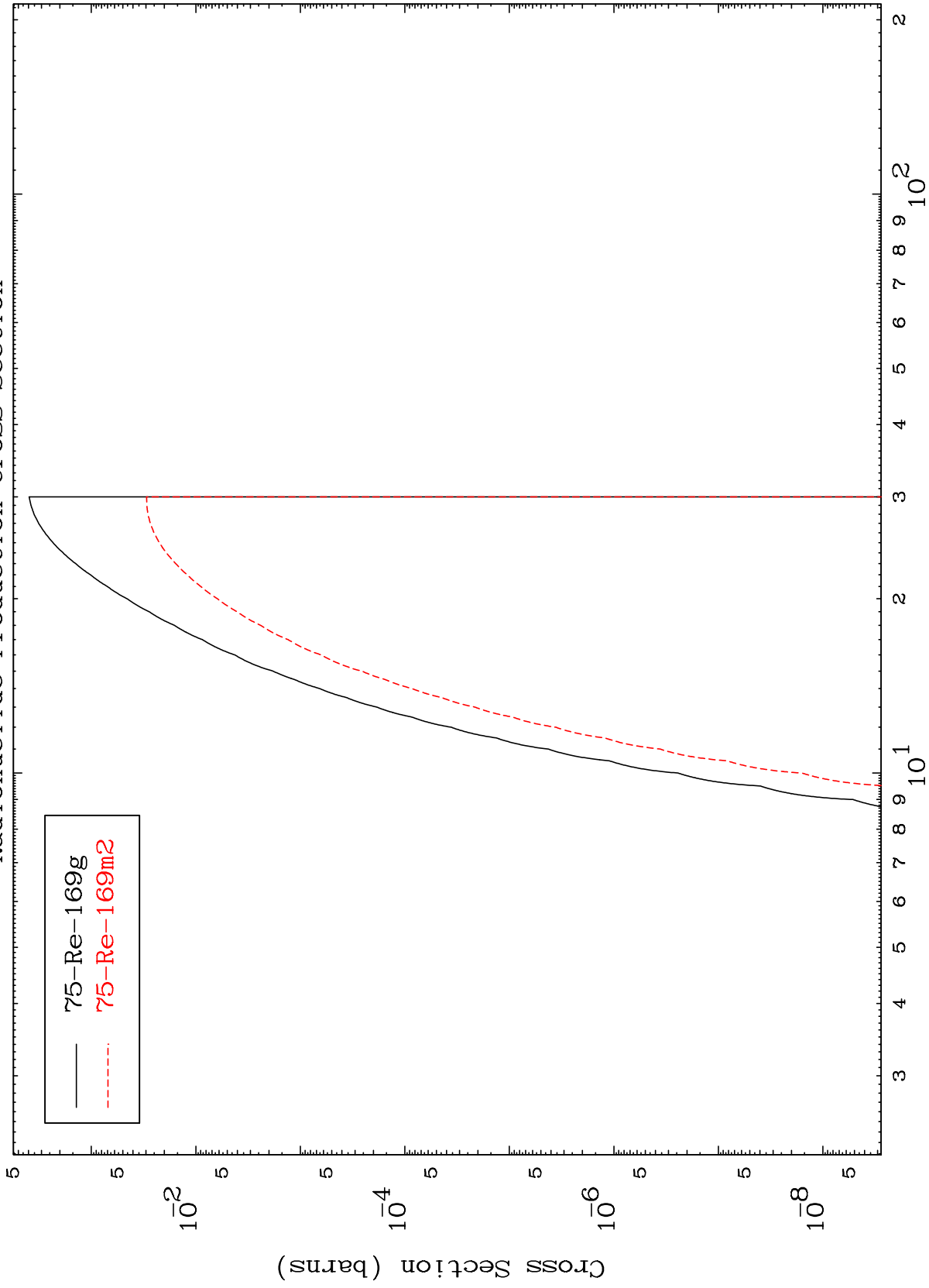
77-Ir-171

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(n,2n) p

<sup>77</sup>Ir-171

Radionuclide Production Cross Section



22

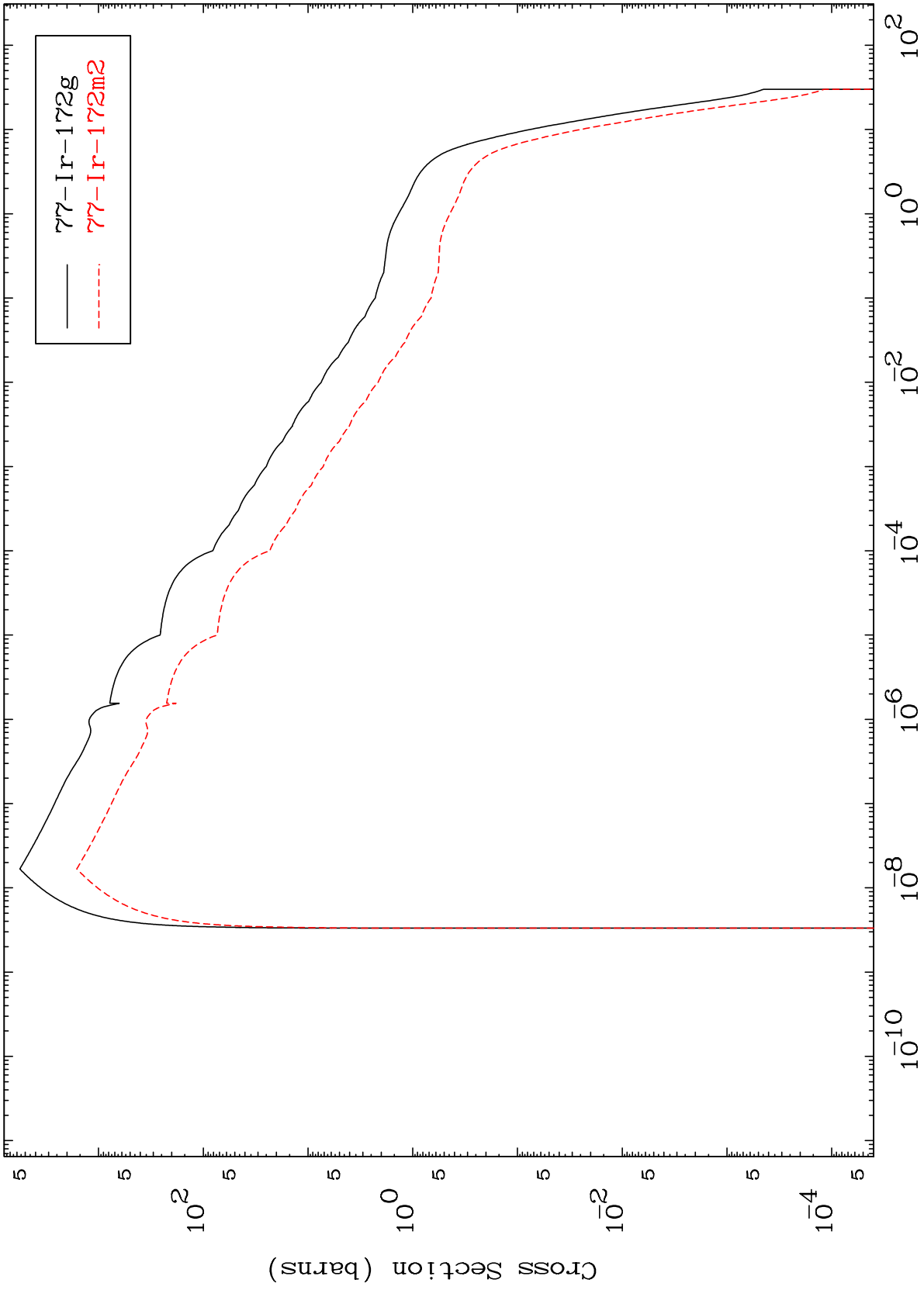
Incident Energy (MeV)

<sup>77</sup>Ir-171

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77-Ir-171

(n,γ)  
Radionuclide Production Cross Section



23

77-Ir-171

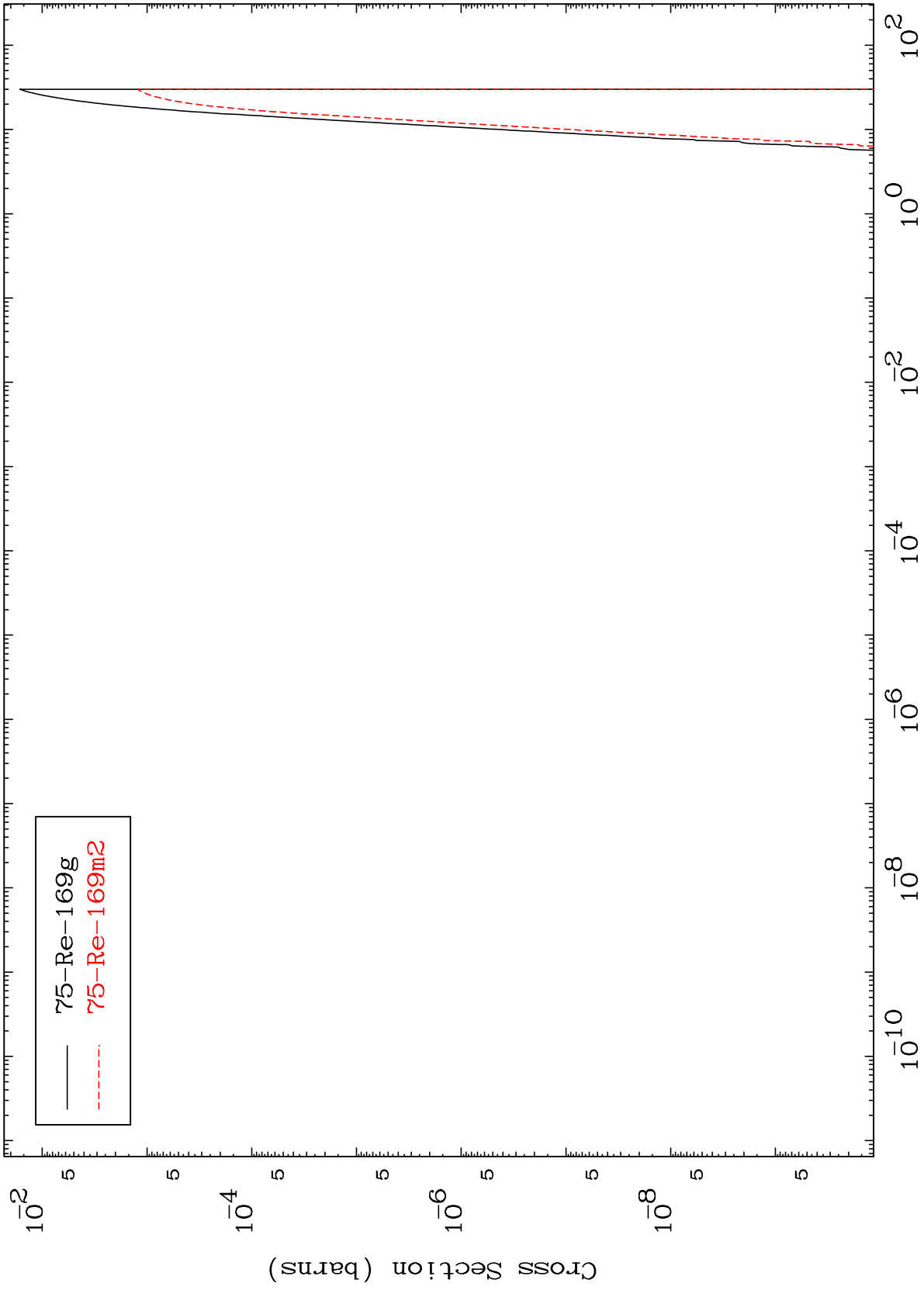


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(n, He-3)

<sup>77</sup>Ir-171

Radionuclide Production Cross Section



24

Incident Energy (MeV)

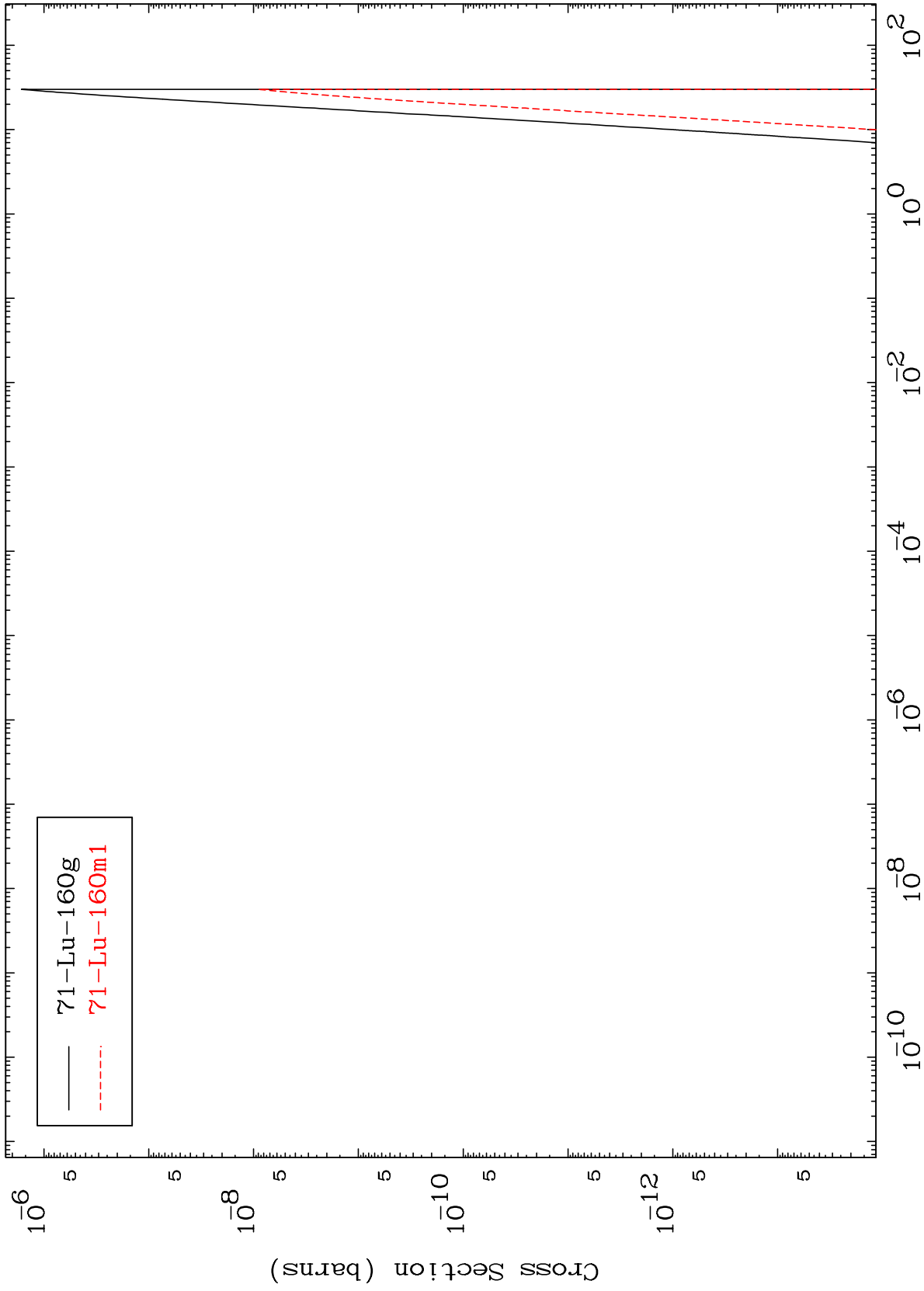
<sup>77</sup>Ir-171

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(n,3 $\alpha$ )

<sup>77</sup>Ir-171

Radionuclide Production Cross Section



25

Incident Energy (MeV)

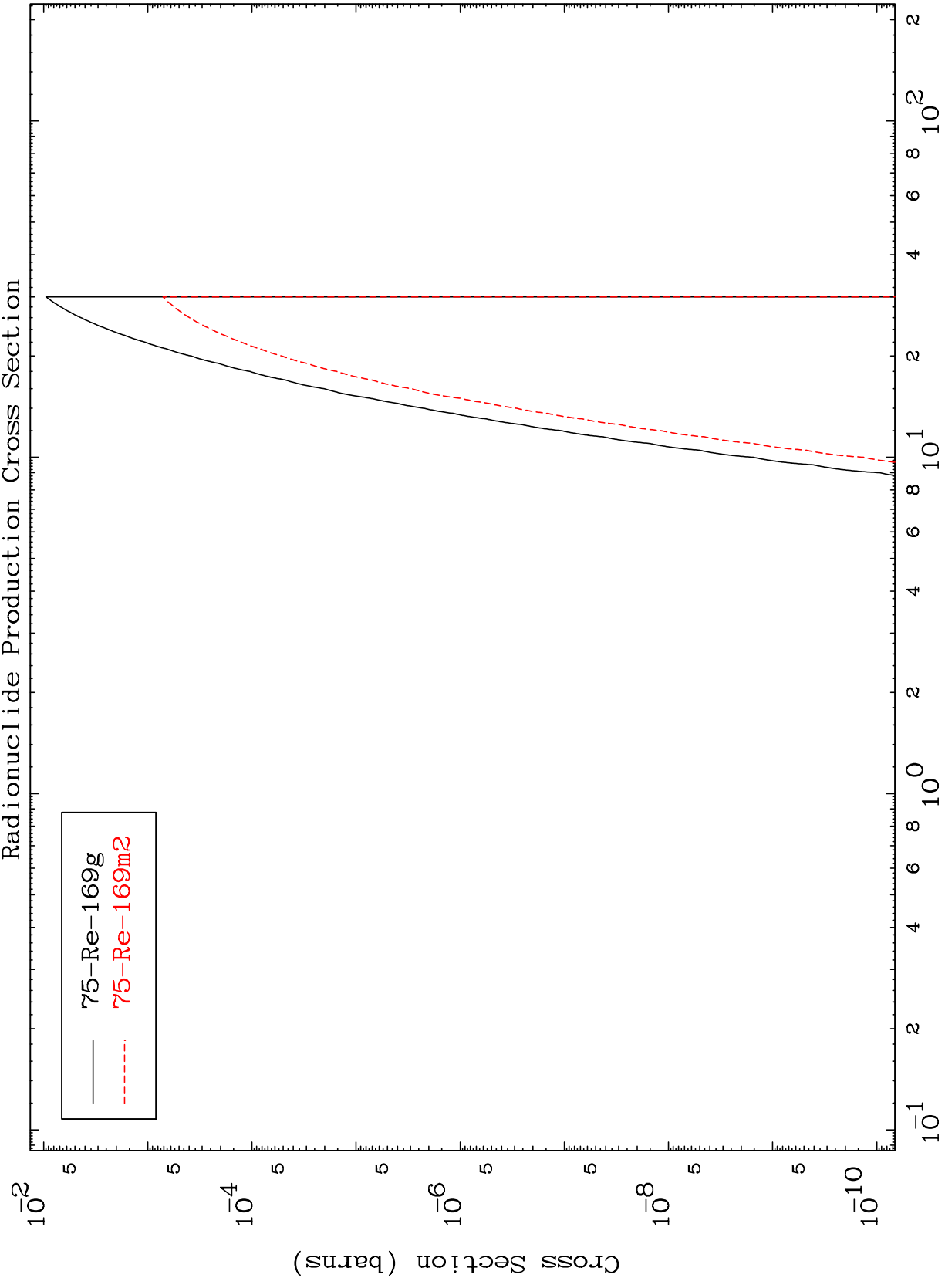
<sup>77</sup>Ir-171

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(n,p) d

77-Ir-171

Radionuclide Production Cross Section



75-Re-169g  
75-Re-169m2