

Program EVALPLOT  
(Version 2021-1)

by

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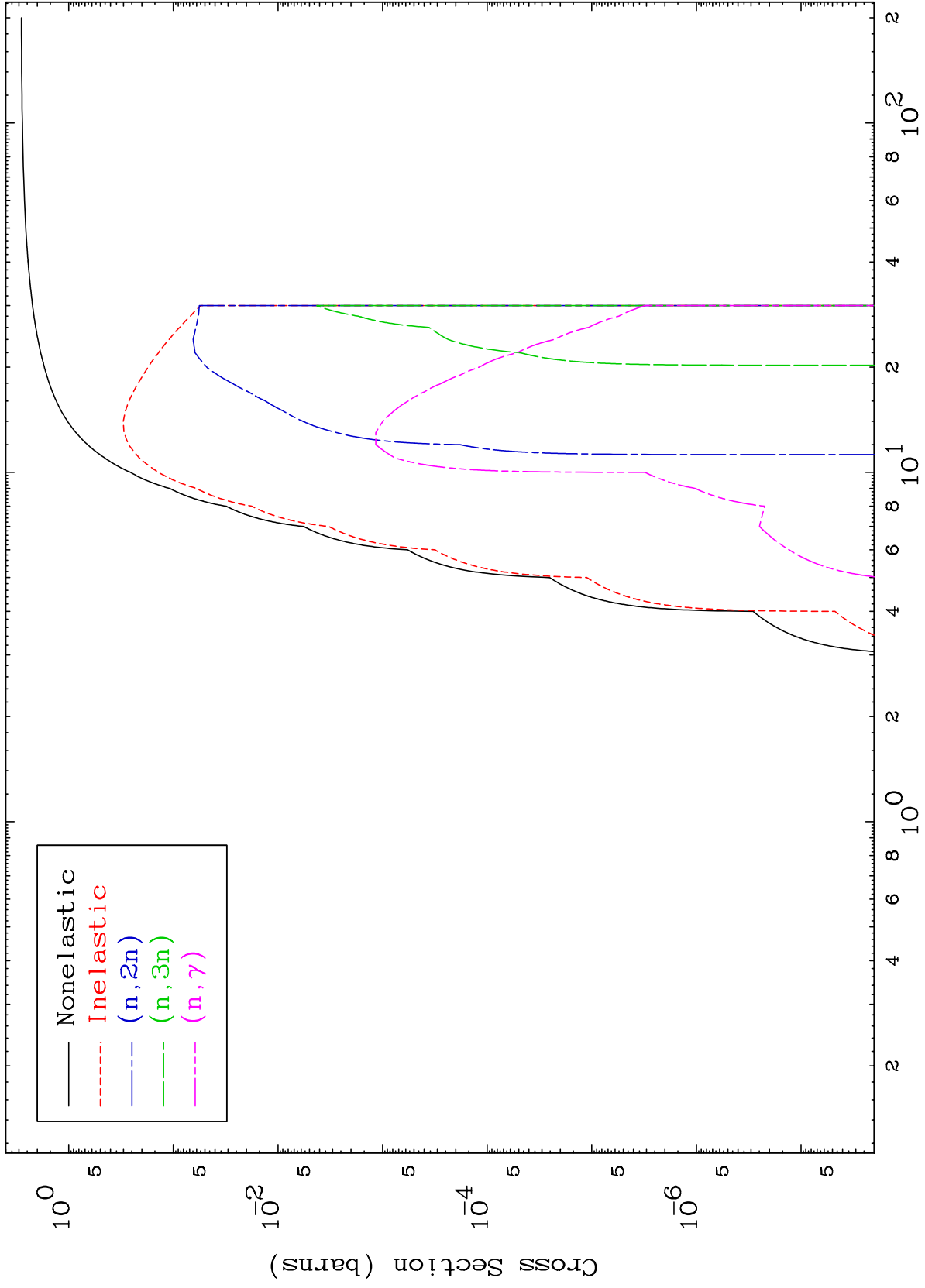
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7672

Deuteron Major  
0 Kelvin Cross Sections

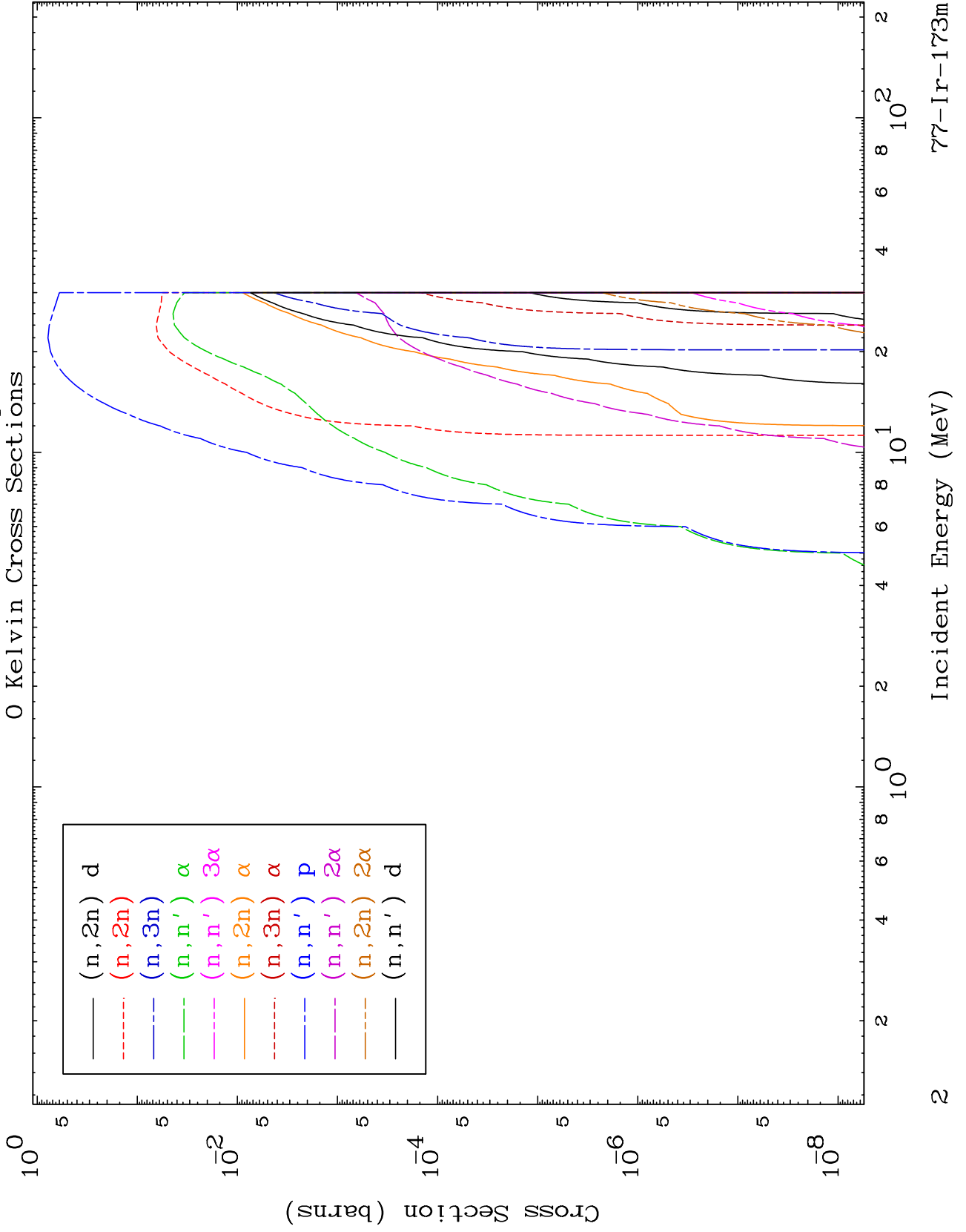
77-Ir-173m



MAT 7672

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

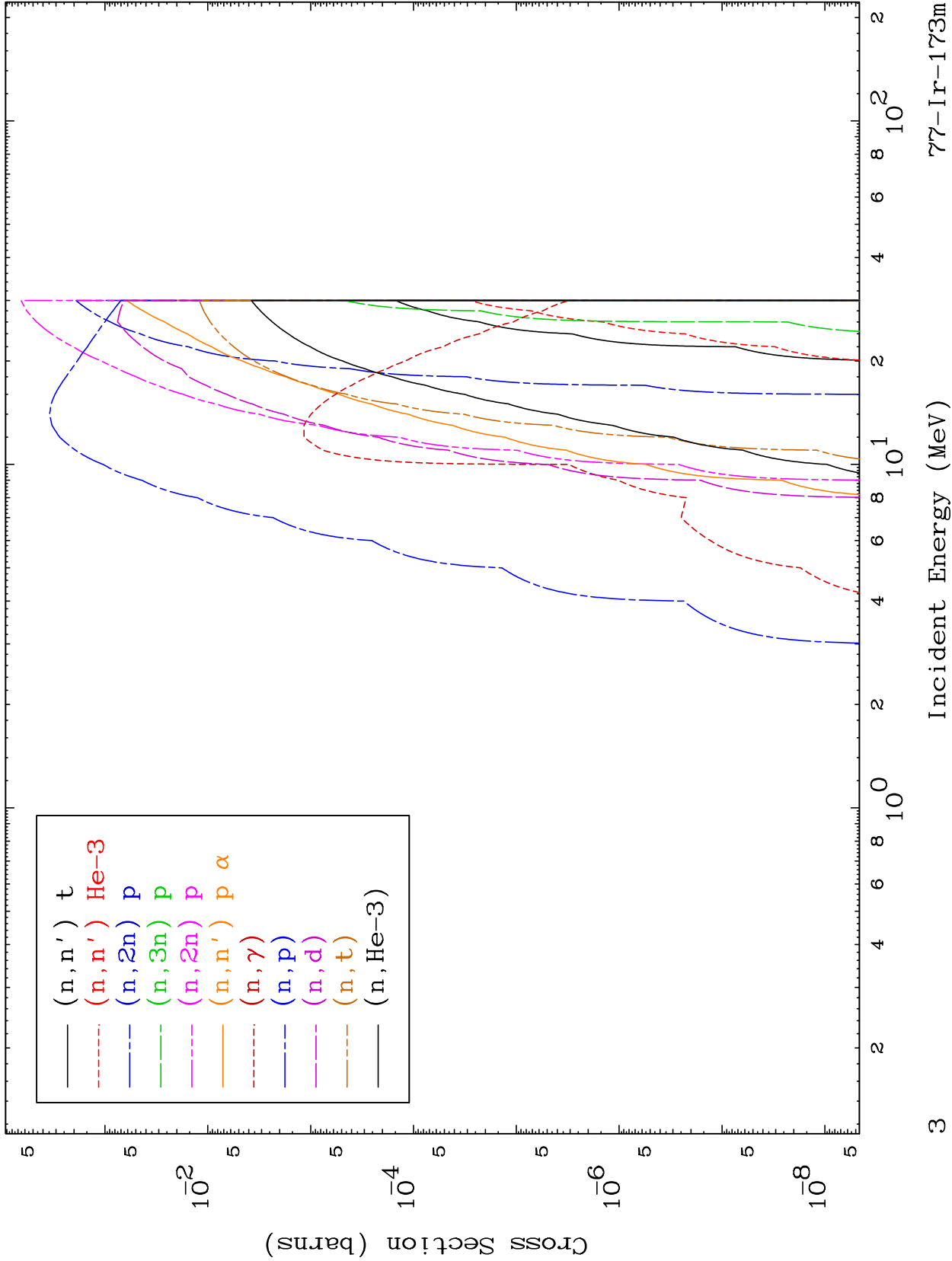
77-Ir-173m



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Deuteron Neutron Absorption  
0 Kelvin Cross Sections

77-Ir-173m



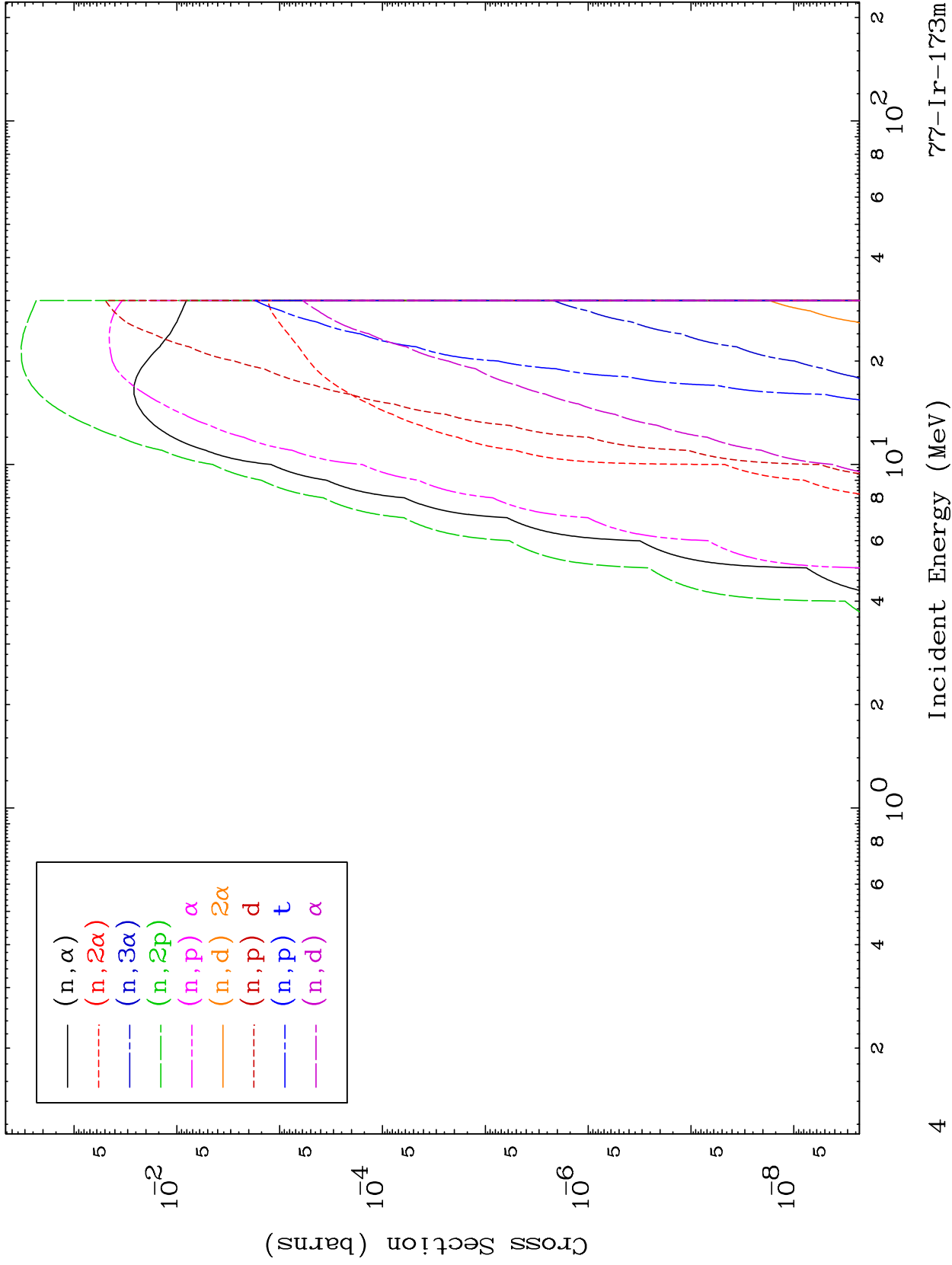
77-Ir-173m

Incident Energy (MeV)

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Deuteron Neutron Absorption  
0 Kelvin Cross Sections

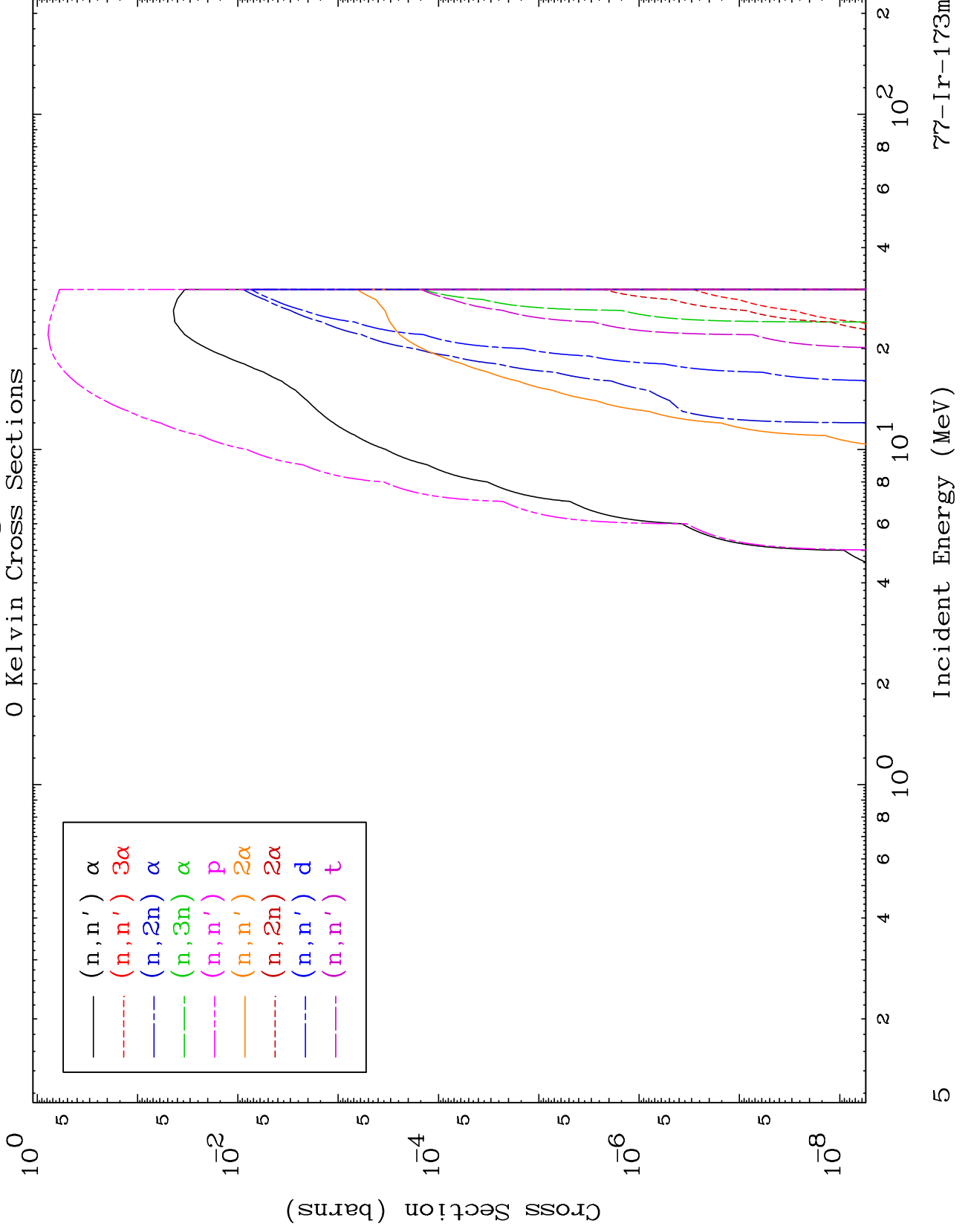
77-Ir-173m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

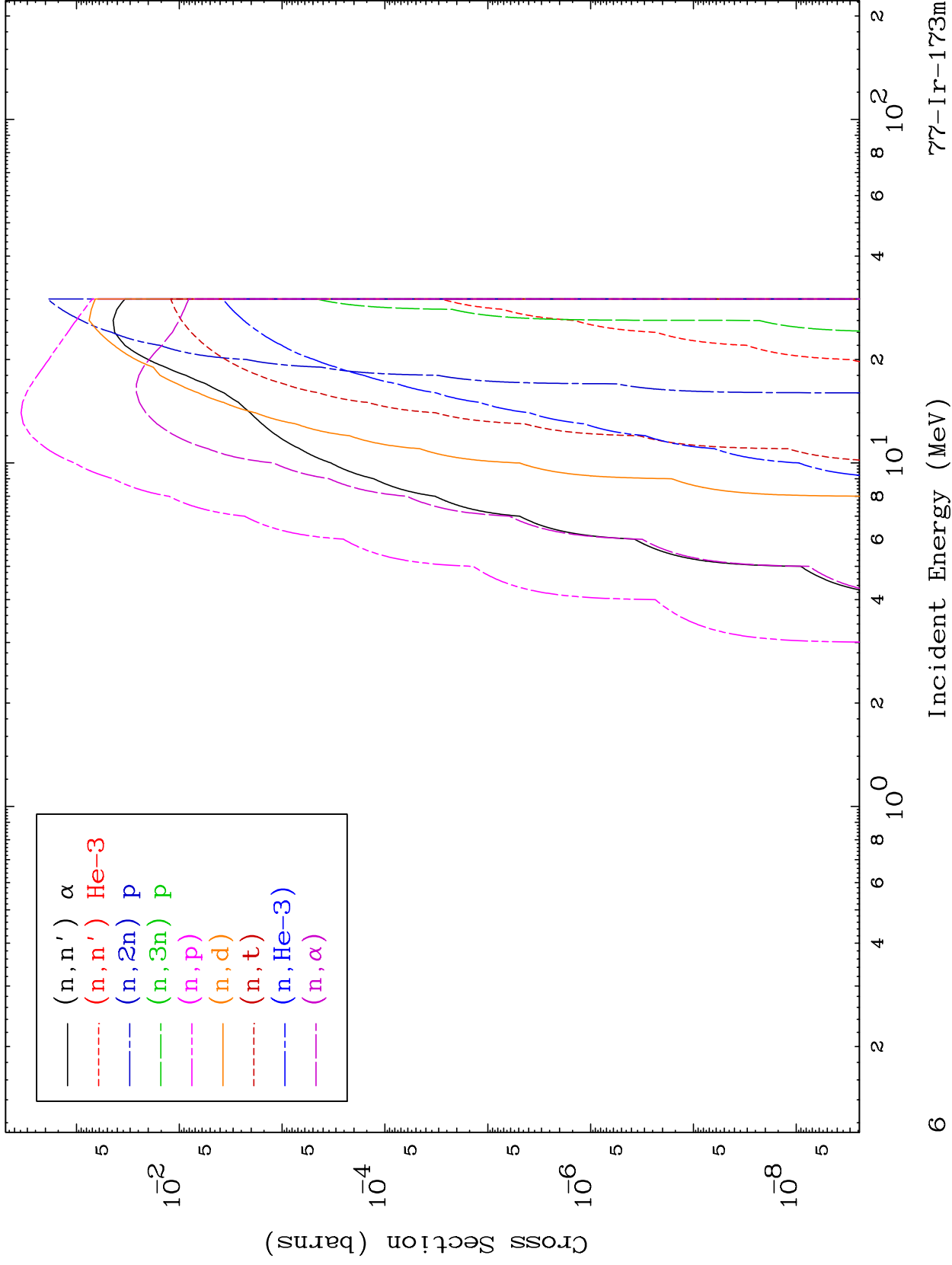
77-Ir-173m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

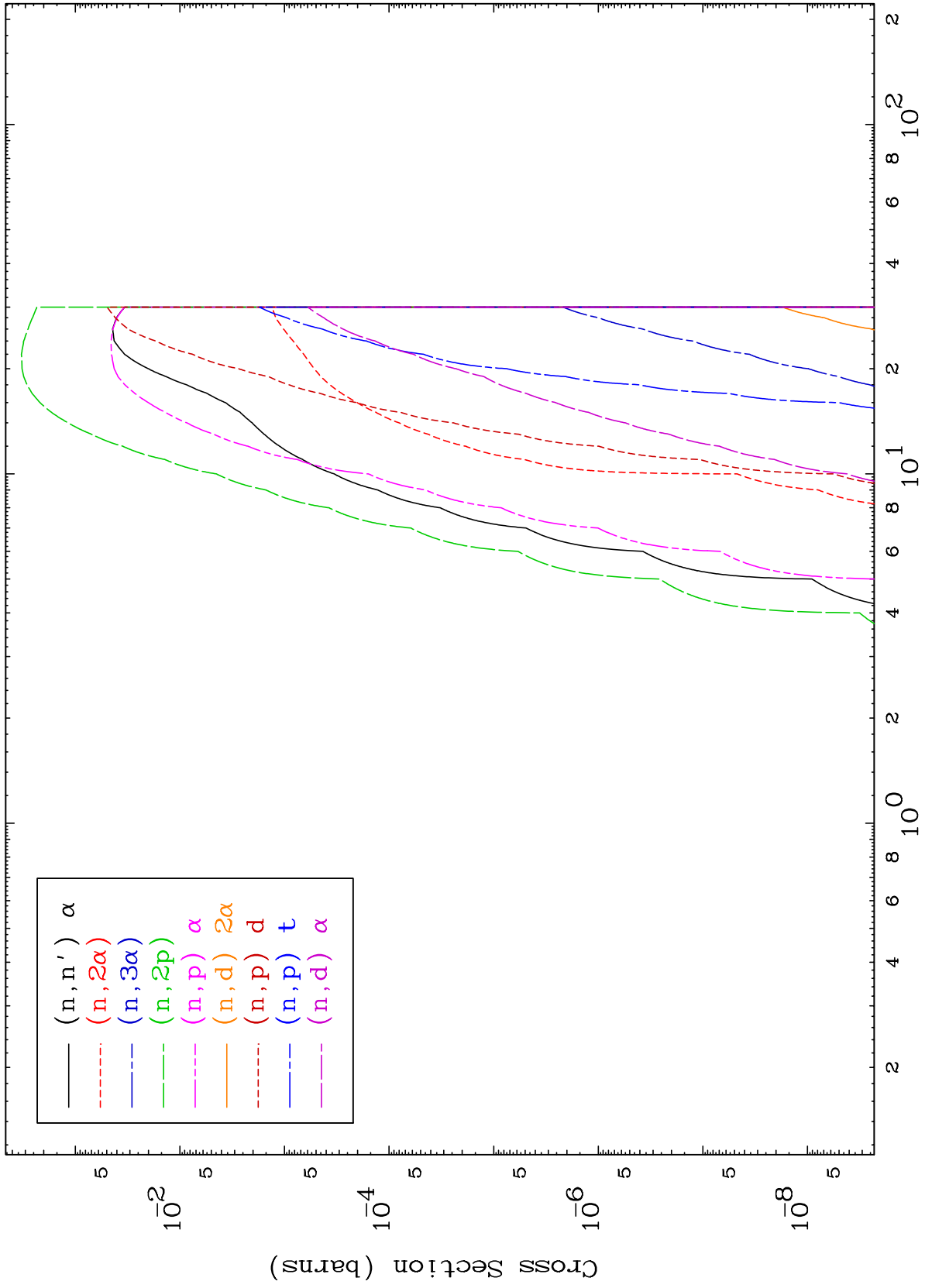
77-Ir-173m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

77-Ir-173m

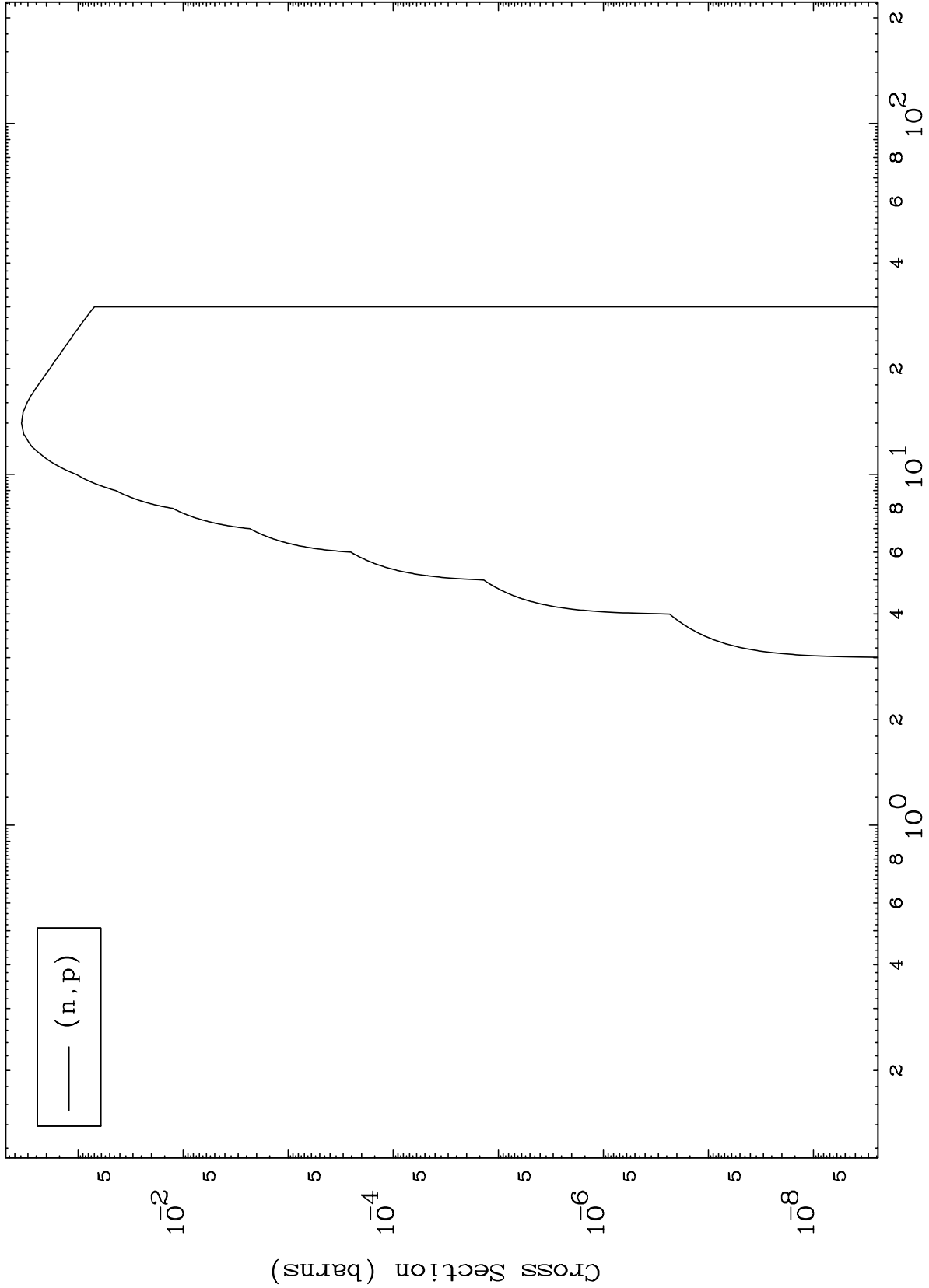


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(d,p) Levels

<sup>77</sup>Ir-173m

0 Kelvin Cross Sections

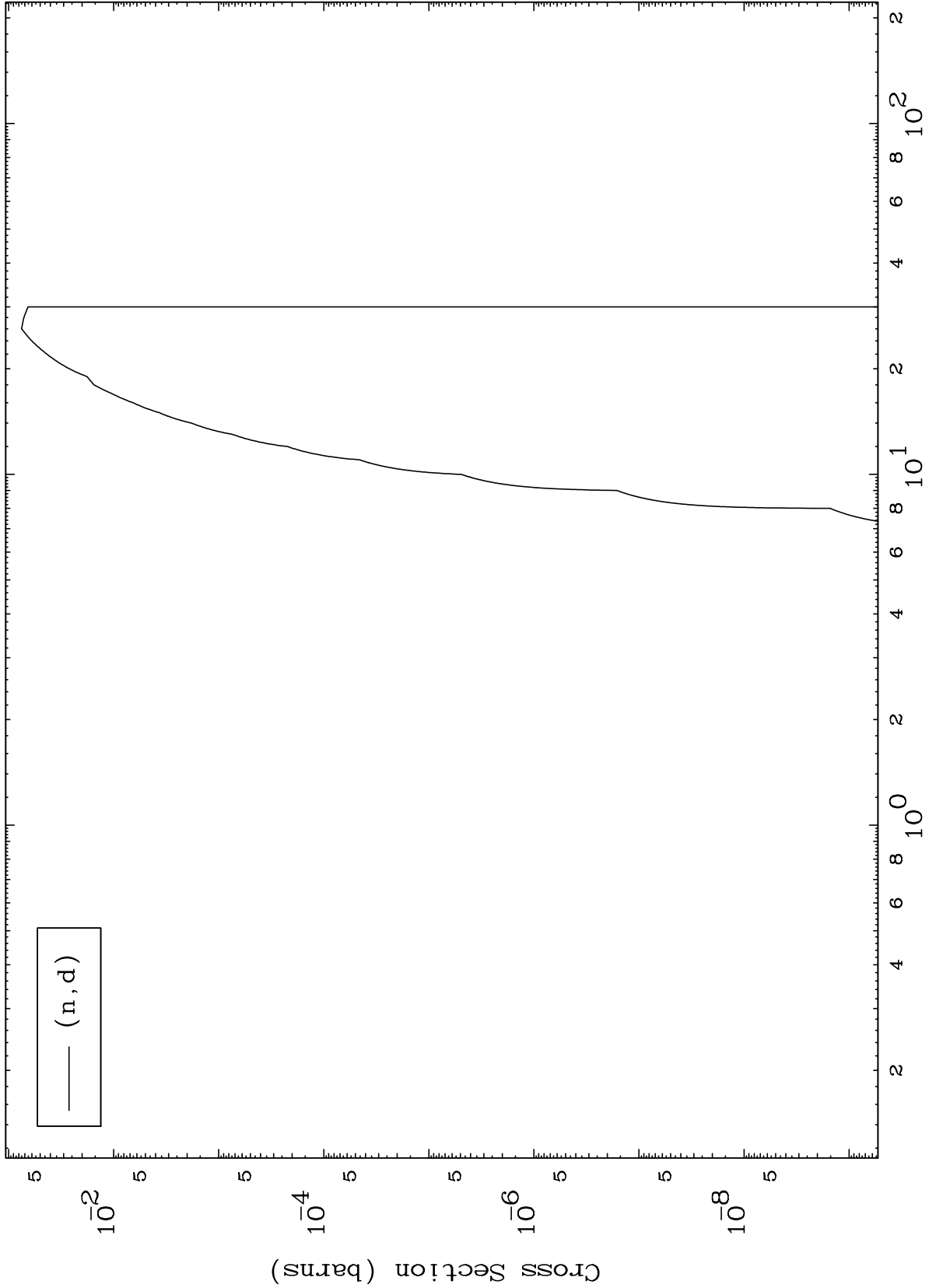


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(d,d) Levels

<sup>77</sup>Ir-173m

0 Kelvin Cross Sections

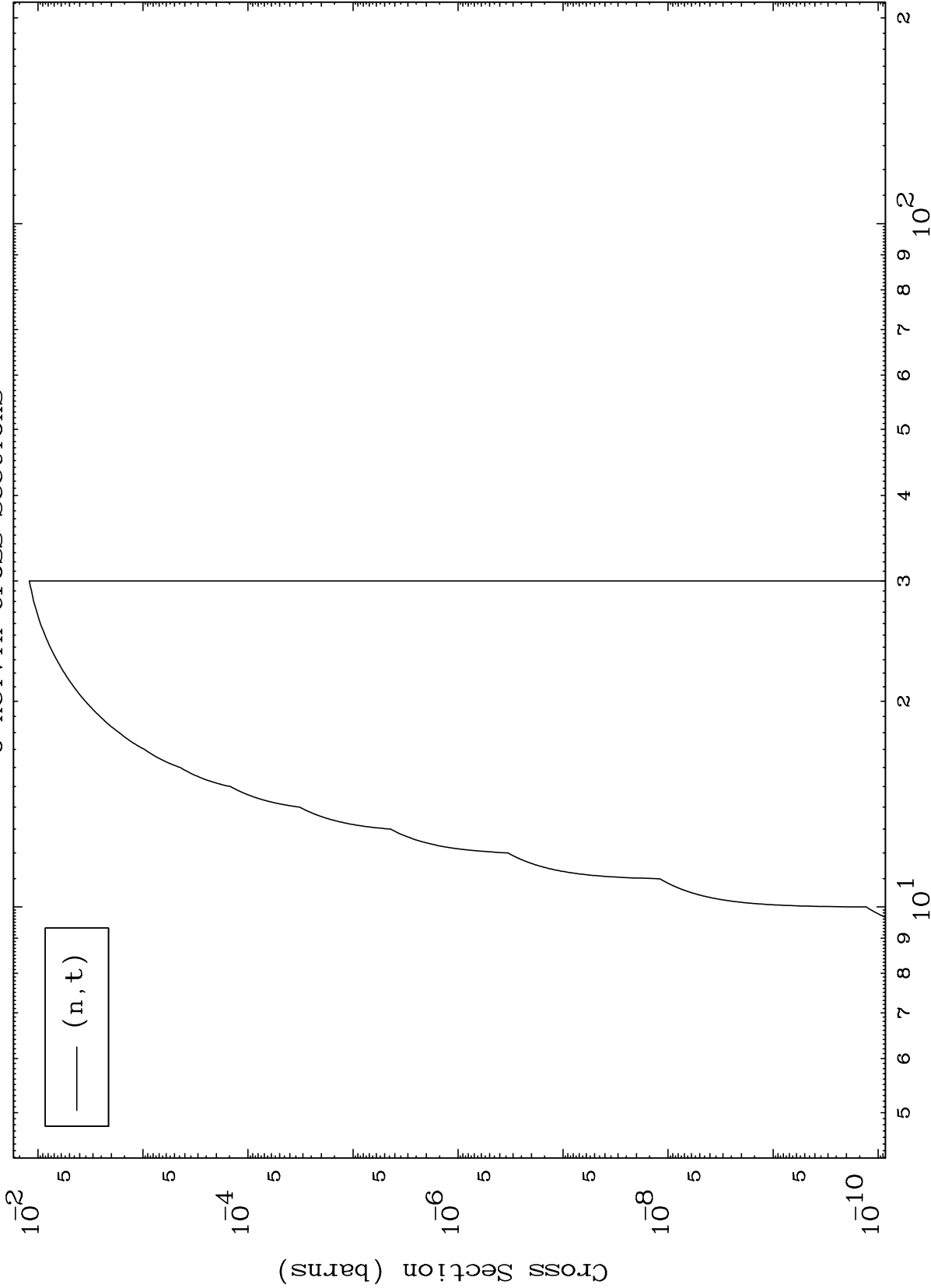


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(d, t) Levels

77-Ir-173m

0 Kelvin Cross Sections



Incident Energy (MeV)

77-Ir-173m

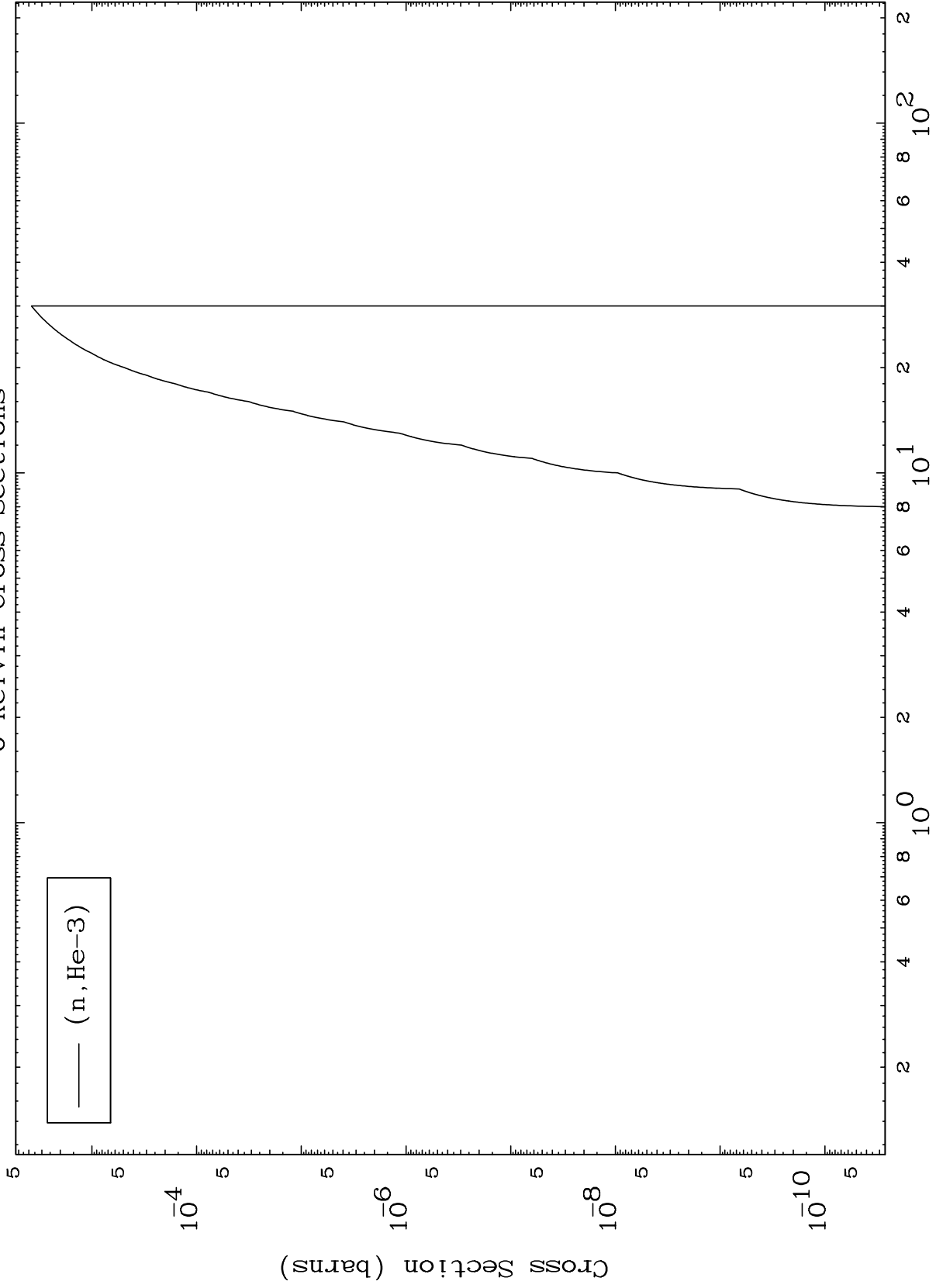
10

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(d,He3) Levels

77-Ir-173m

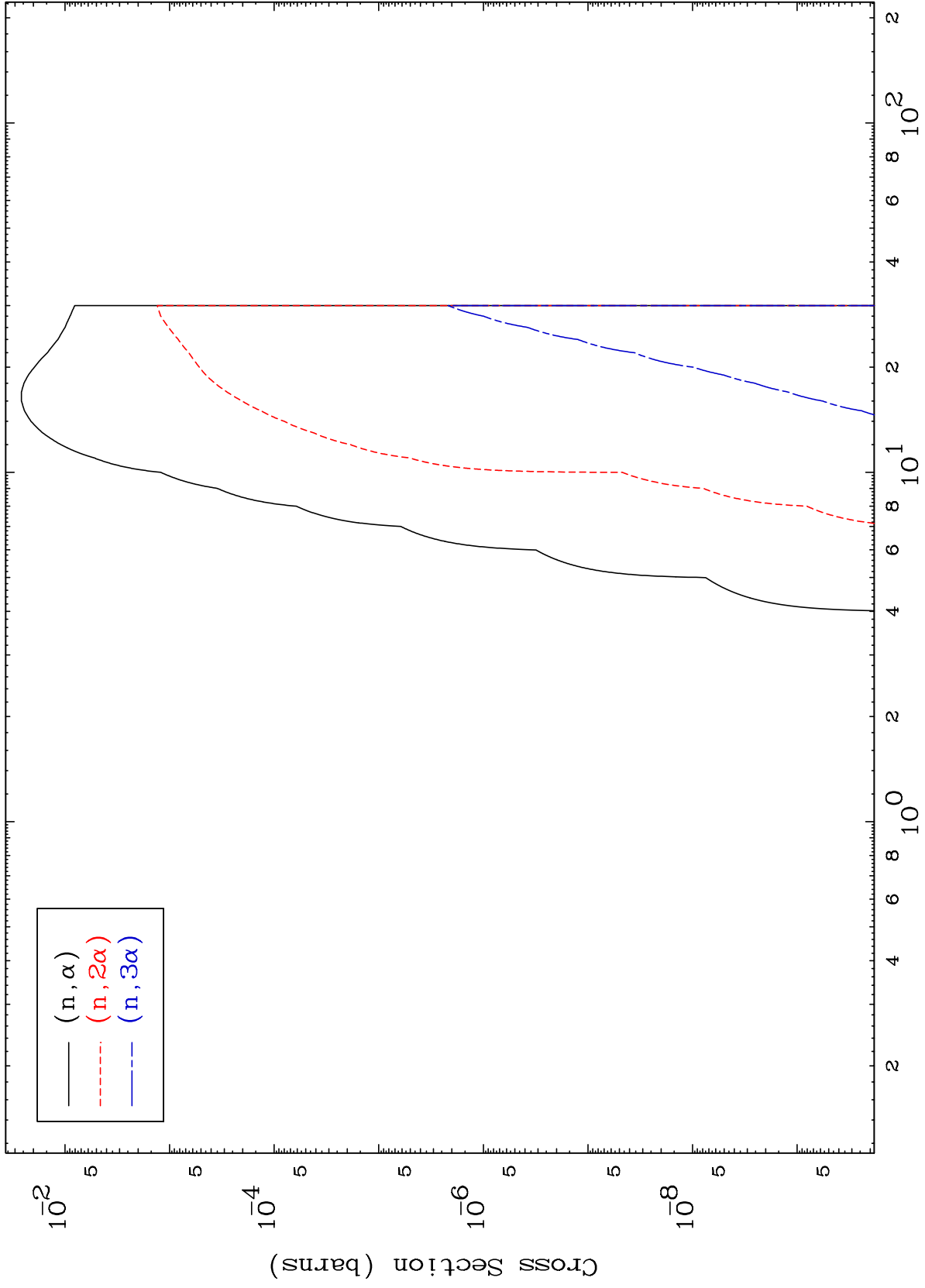
0 Kelvin Cross Sections



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

<sup>77</sup>Ir-173m

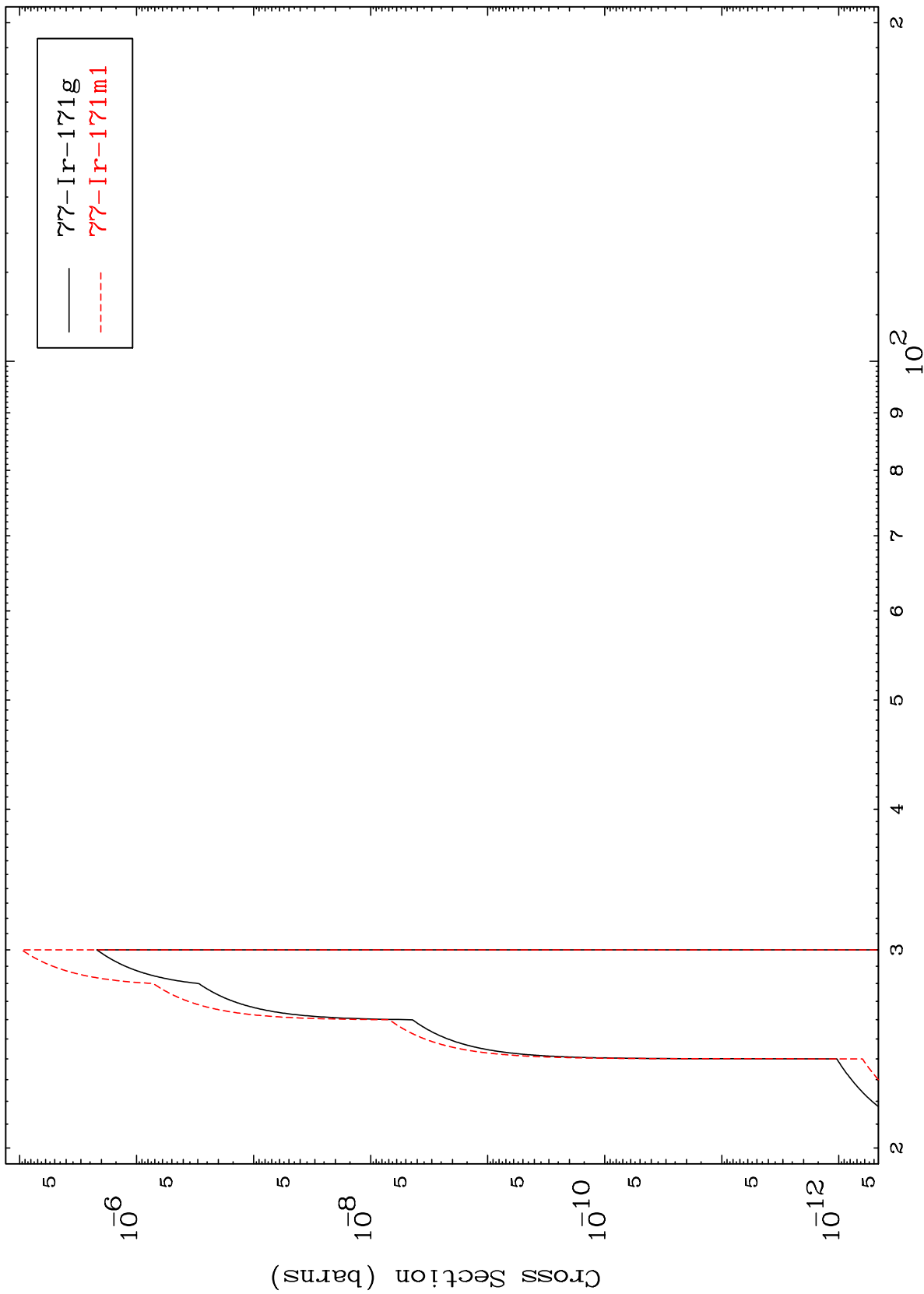


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(n,2n) d

<sup>77</sup>Ir-173m

Radionuclide Production Cross Section



— <sup>77</sup>Ir-171g  
- - - <sup>77</sup>Ir-171m1

13

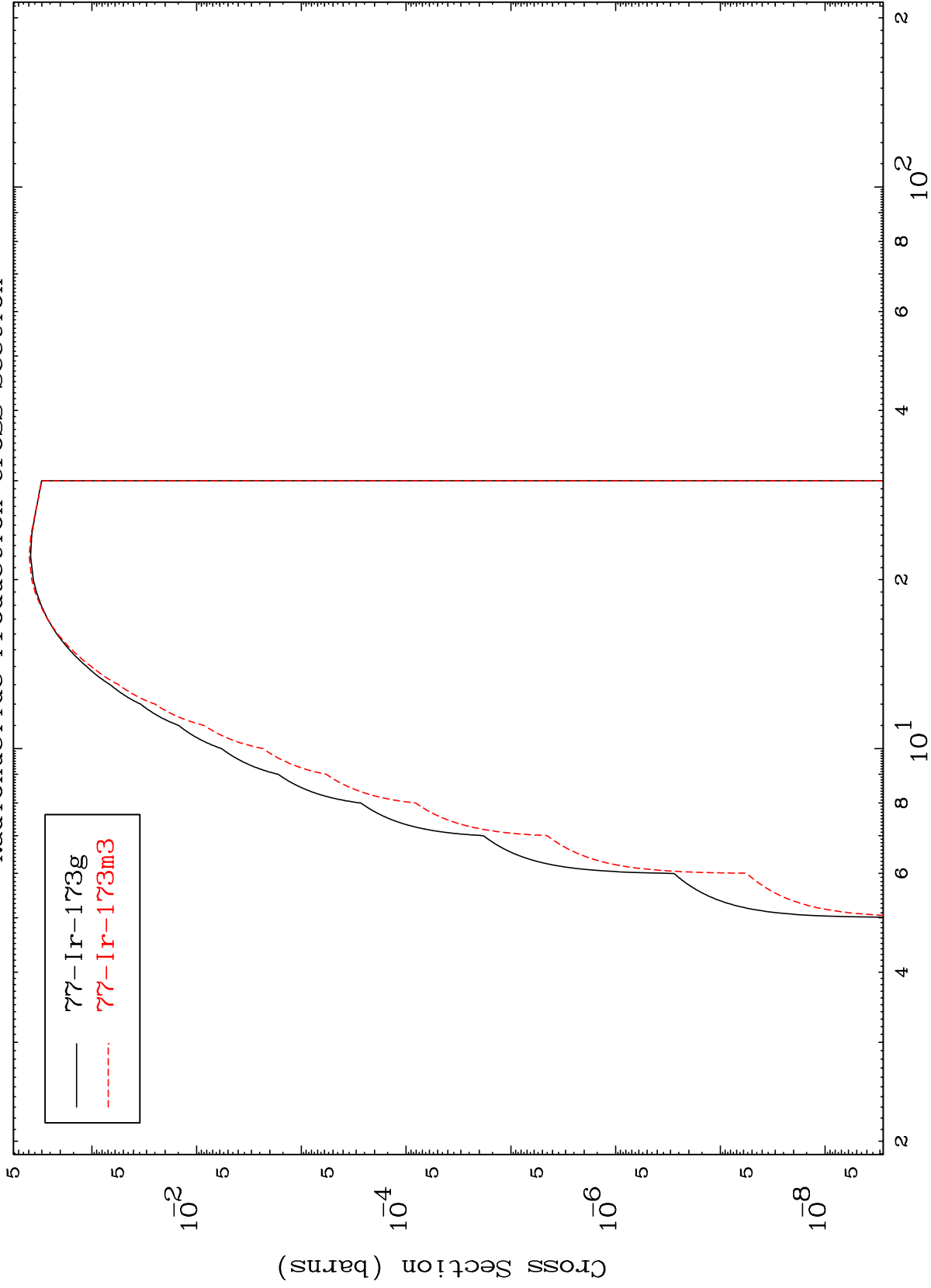
Incident Energy (MeV)

<sup>77</sup>Ir-173m

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<sup>77</sup>Ir-173m

(n,n') p  
Radionuclide Production Cross Section



14

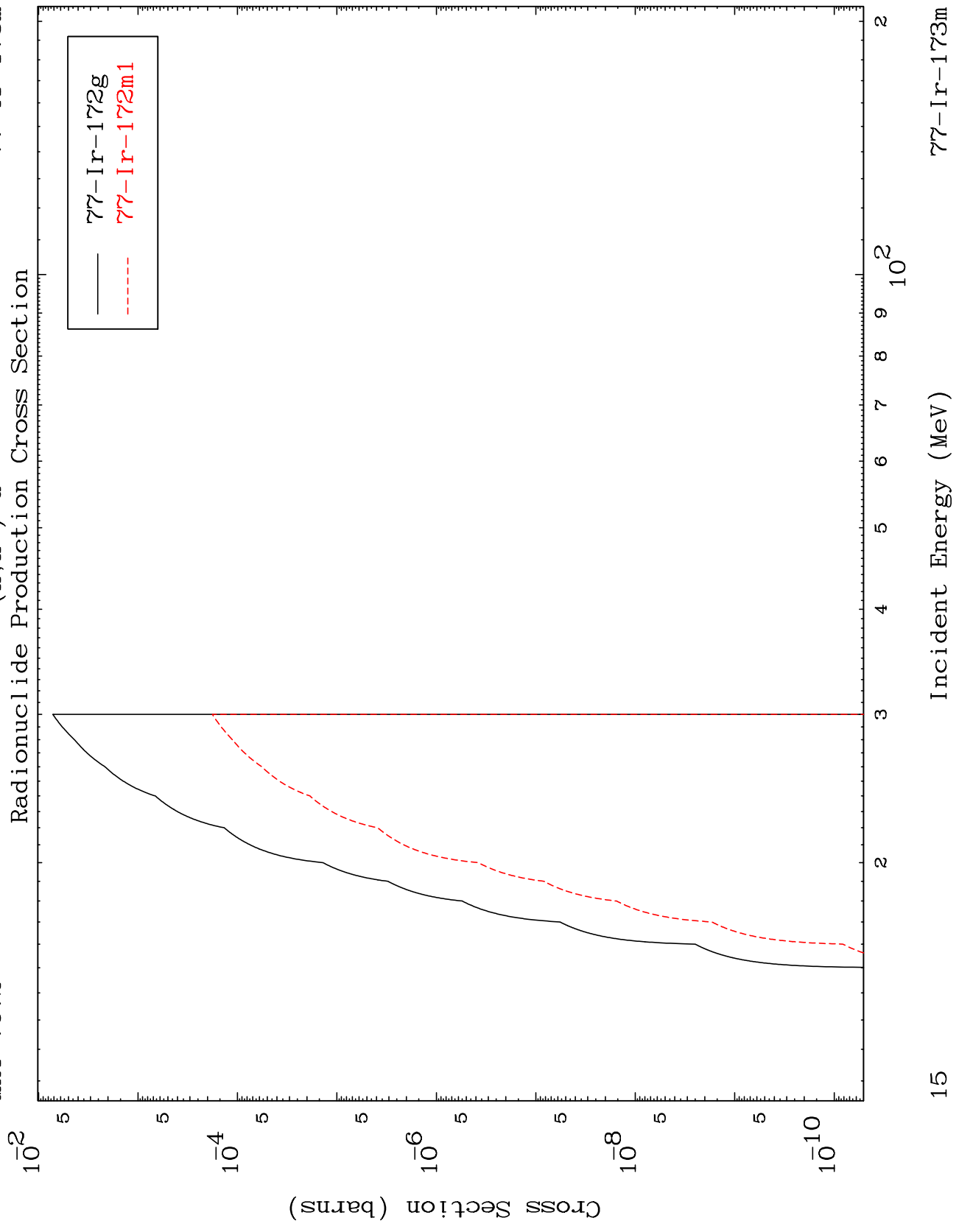
Incident Energy (MeV)

<sup>77</sup>Ir-173m

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(n,n') d

<sup>77</sup>Ir-173m



15

Incident Energy (MeV)

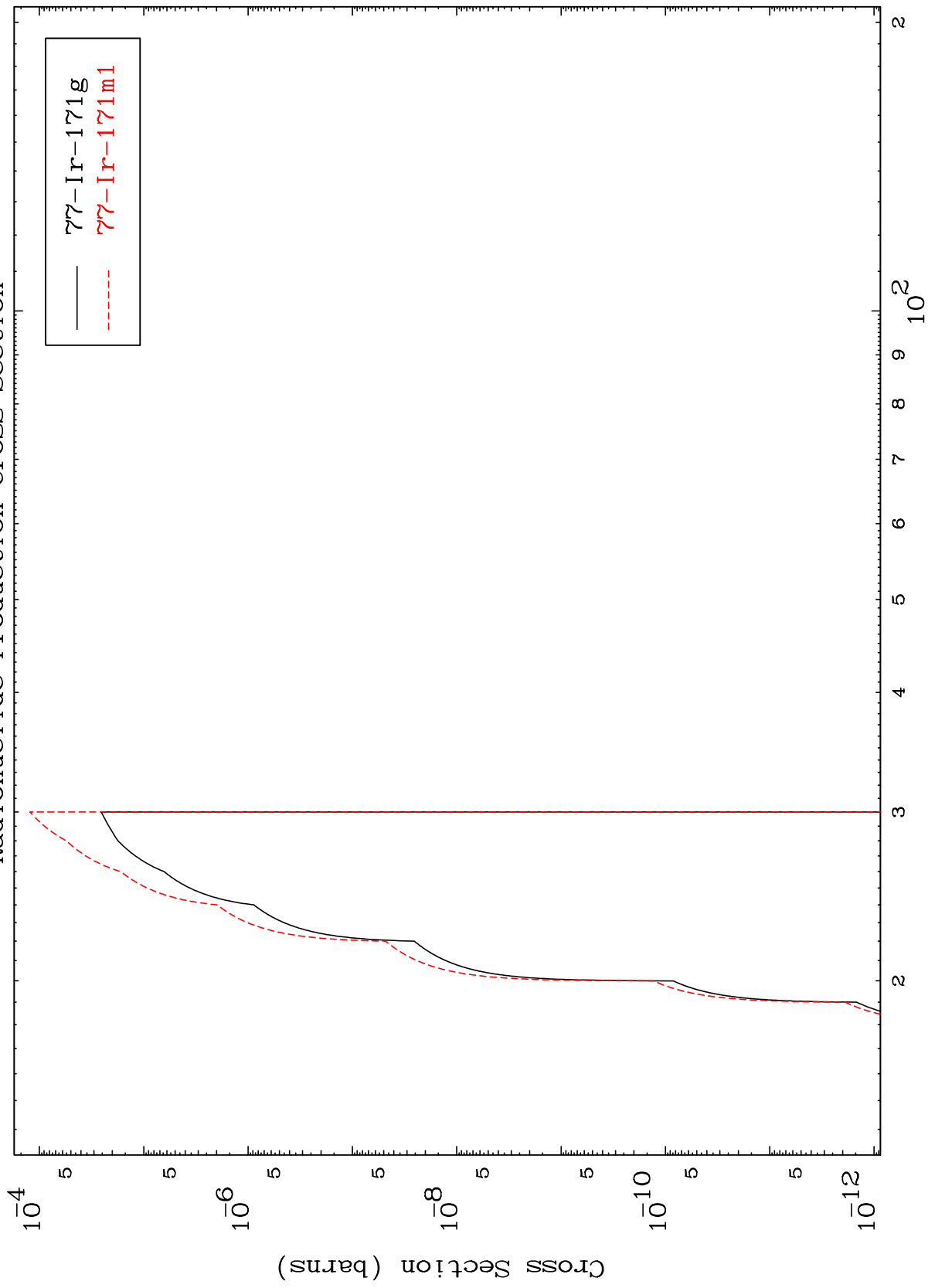
<sup>77</sup>Ir-173m

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(n,n') t

<sup>77</sup>Ir-173m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

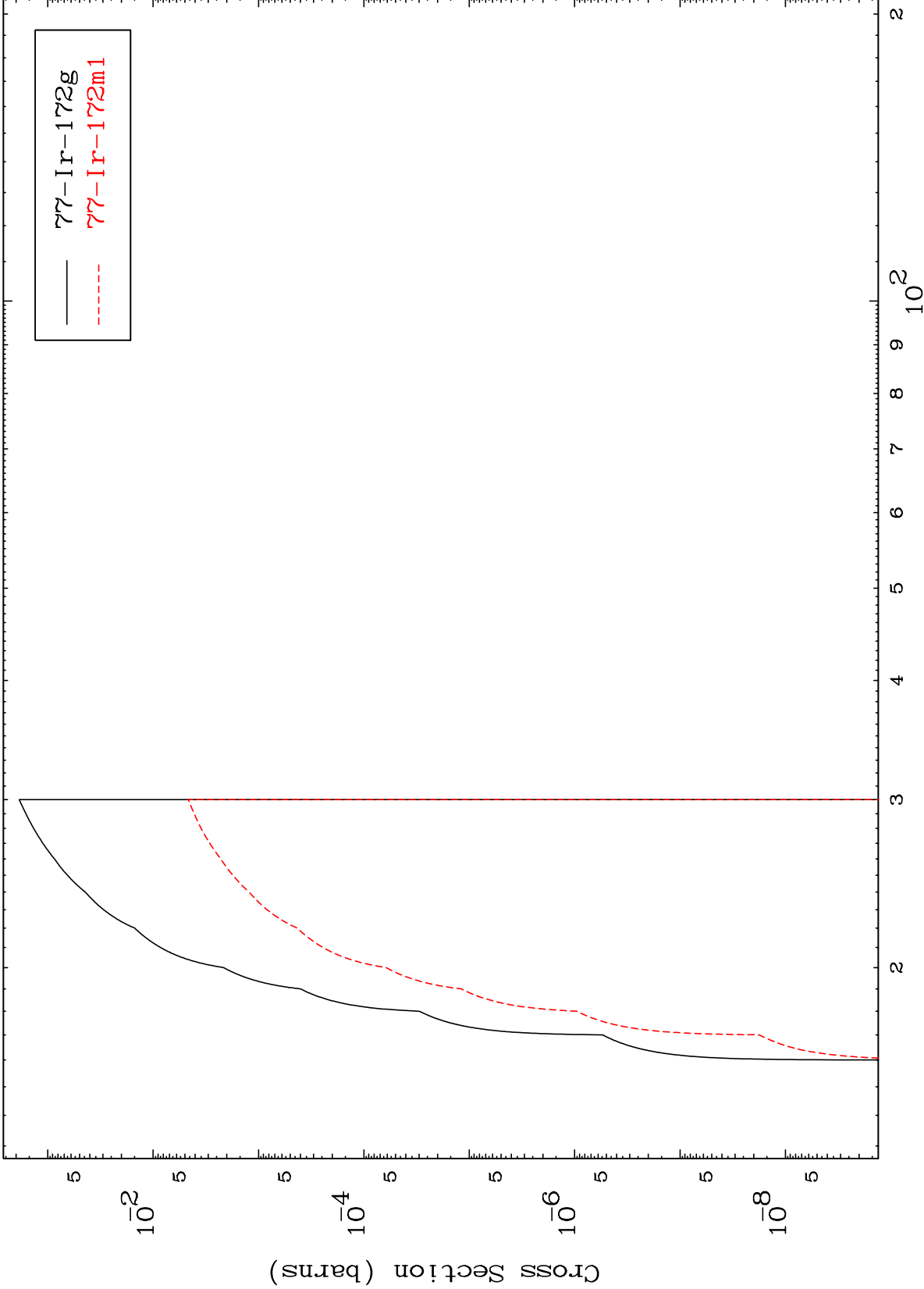
<sup>77</sup>Ir-173m

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(n,2n) p

<sup>77</sup>Ir-173m

Radionuclide Production Cross Section



— <sup>77</sup>Ir-172g  
- - - <sup>77</sup>Ir-172m1

17

Incident Energy (MeV)

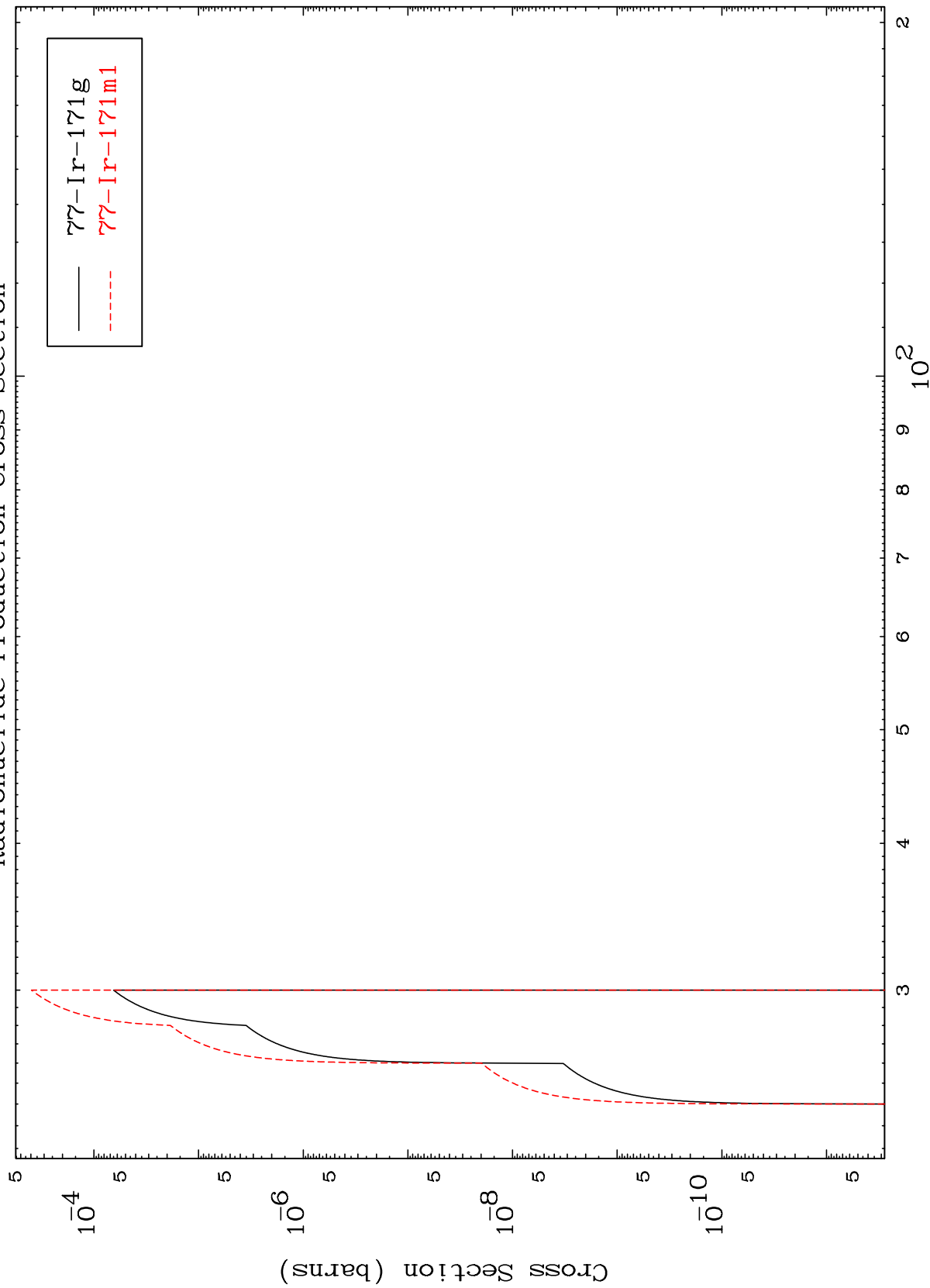
<sup>77</sup>Ir-173m

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(n,3n) p

<sup>77</sup>Ir-173m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

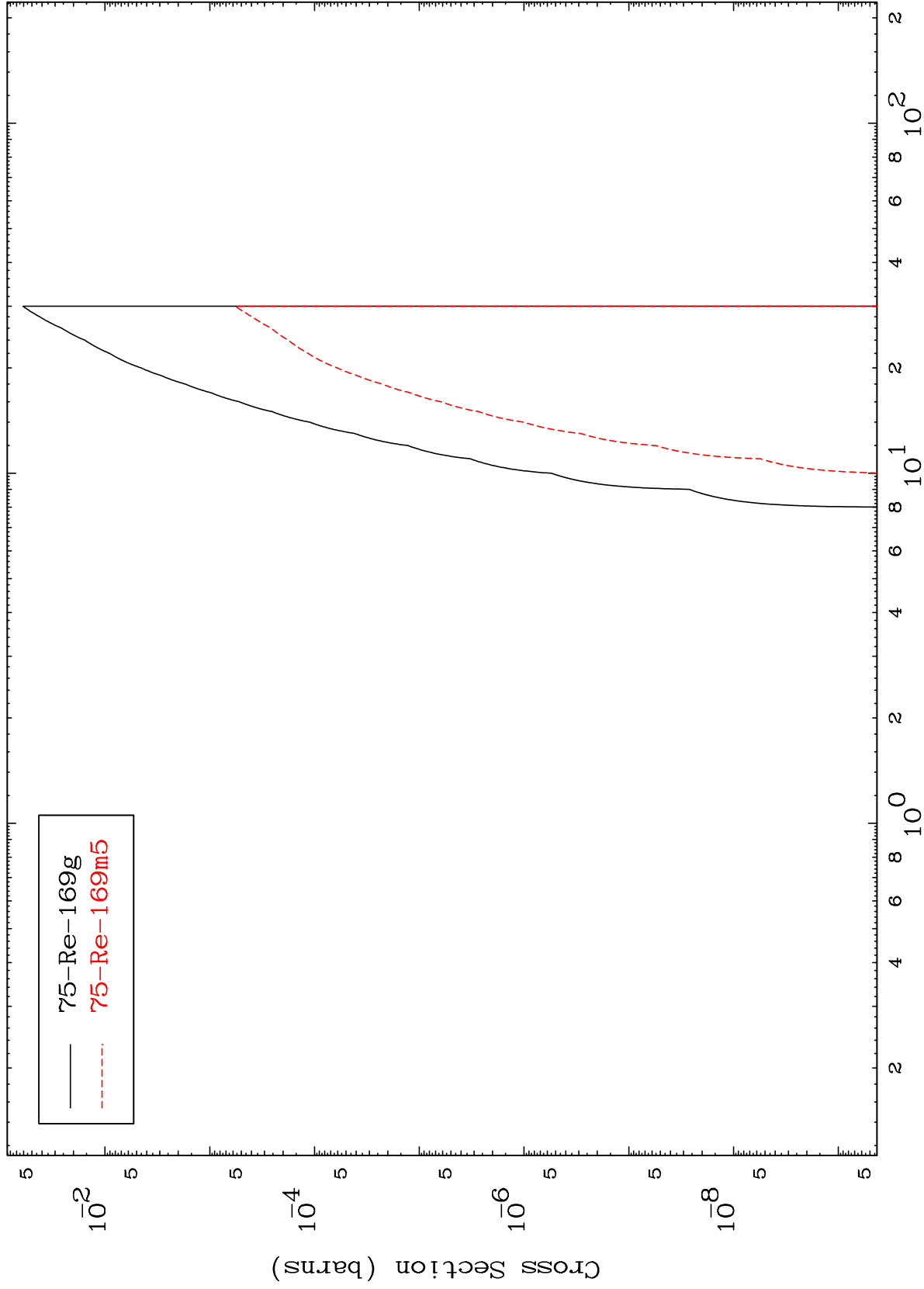
<sup>77</sup>Ir-173m

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(n,n') p  $\alpha$

77-Ir-173m

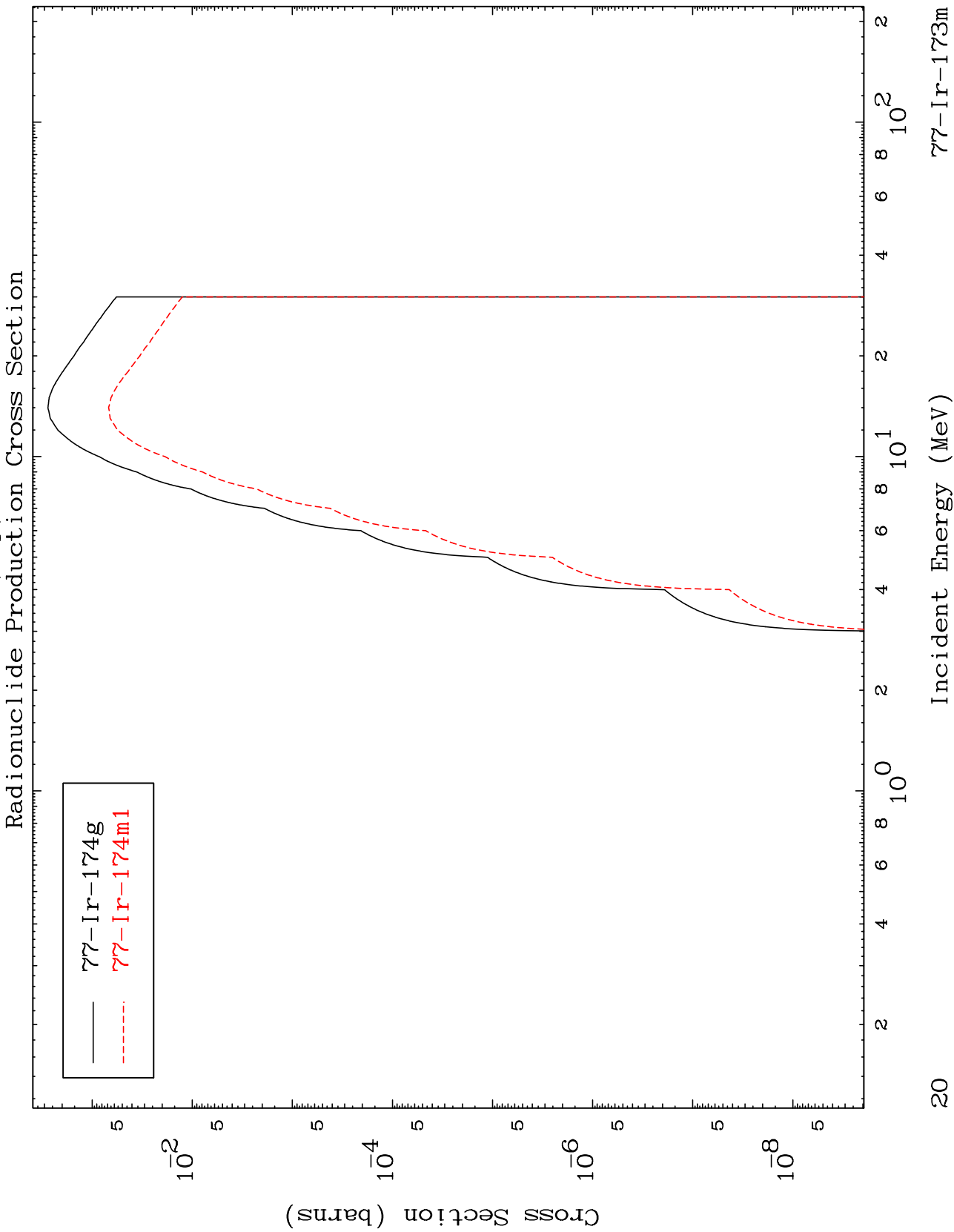
Radionuclide Production Cross Section



75-Re-169g  
75-Re-169m5

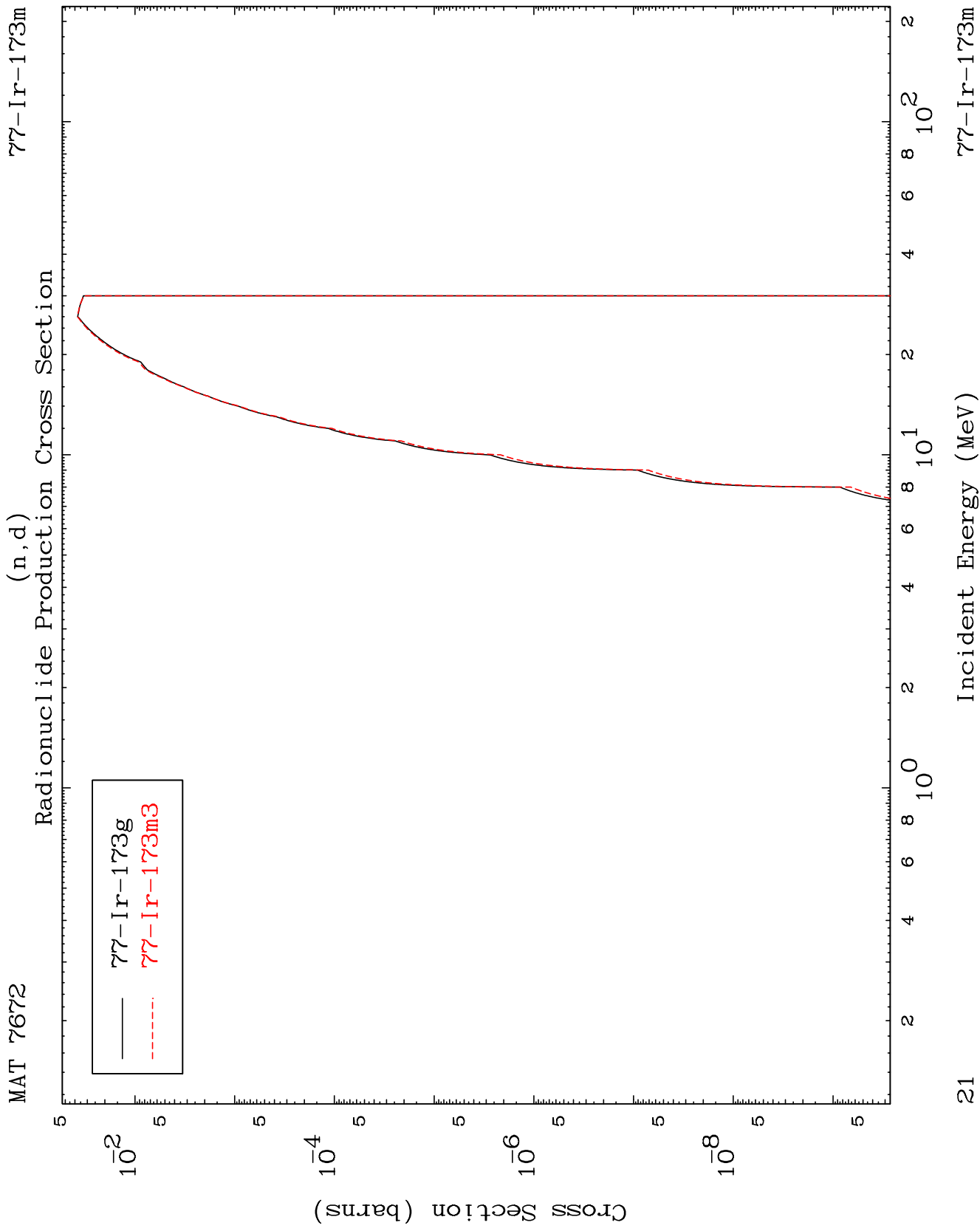
MAT 7672

<sup>77</sup>Ir-173m



<sup>77</sup>Ir-173m

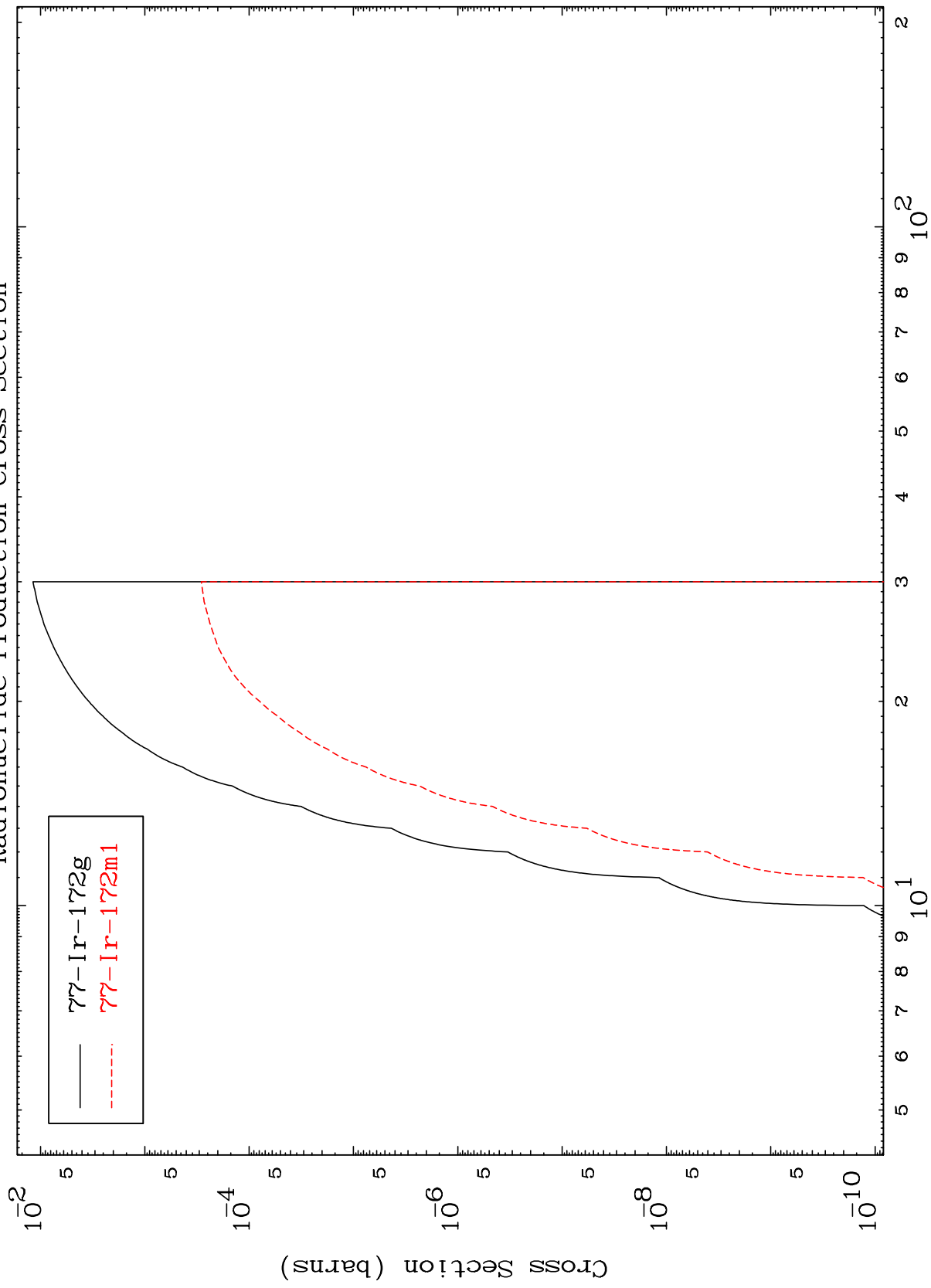
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MAT 7672

<sup>77</sup>Ir-<sup>173</sup>m

Radionuclide Production Cross Section (n, t)



Incident Energy (MeV)

<sup>77</sup>Ir-<sup>173</sup>m

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(n,d)  $\alpha$

<sup>77</sup>Ir-<sup>173</sup>m

Radionuclide Production Cross Section

