

Program EVALPLOT  
(Version 2018-1)

by

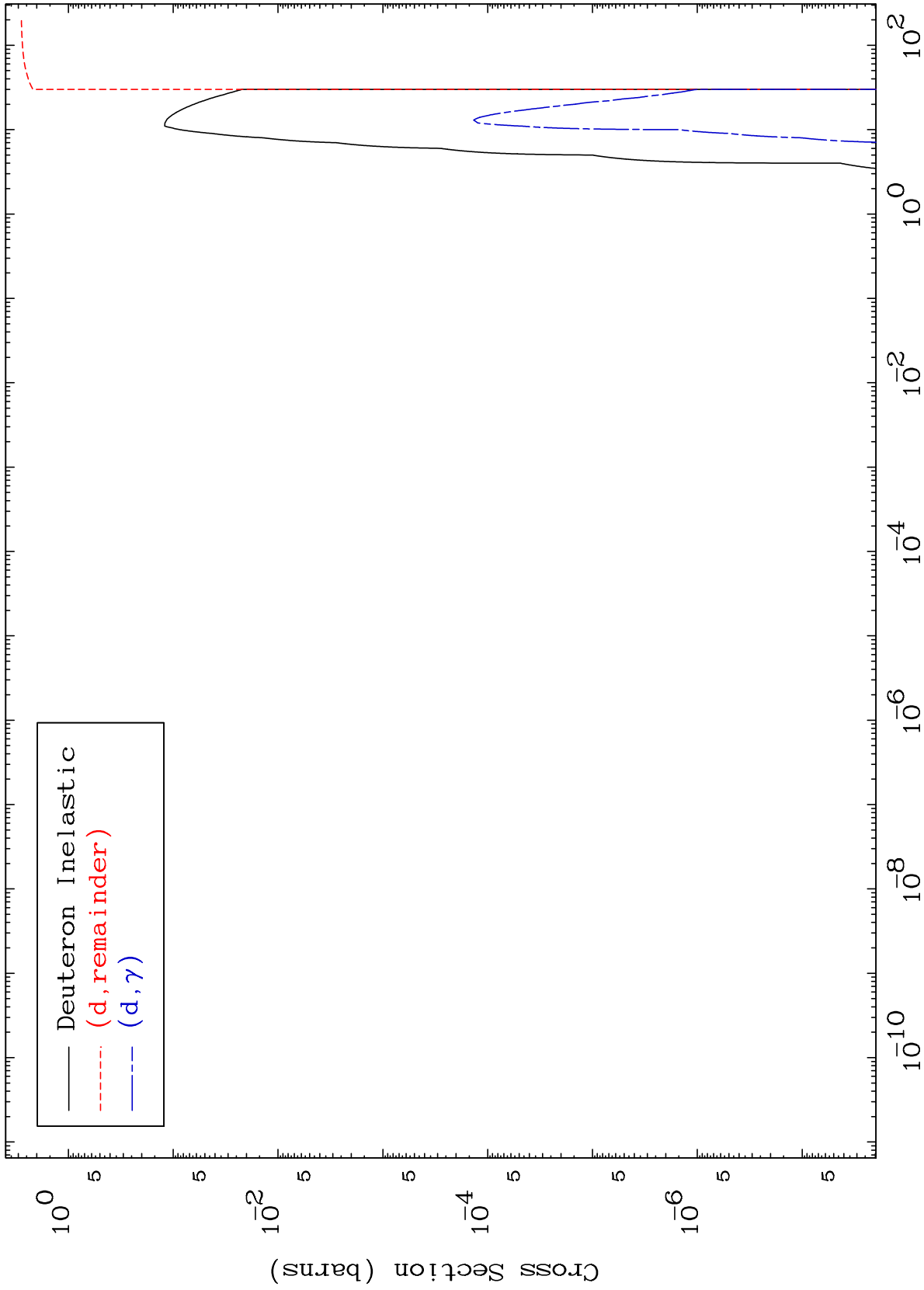
Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

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

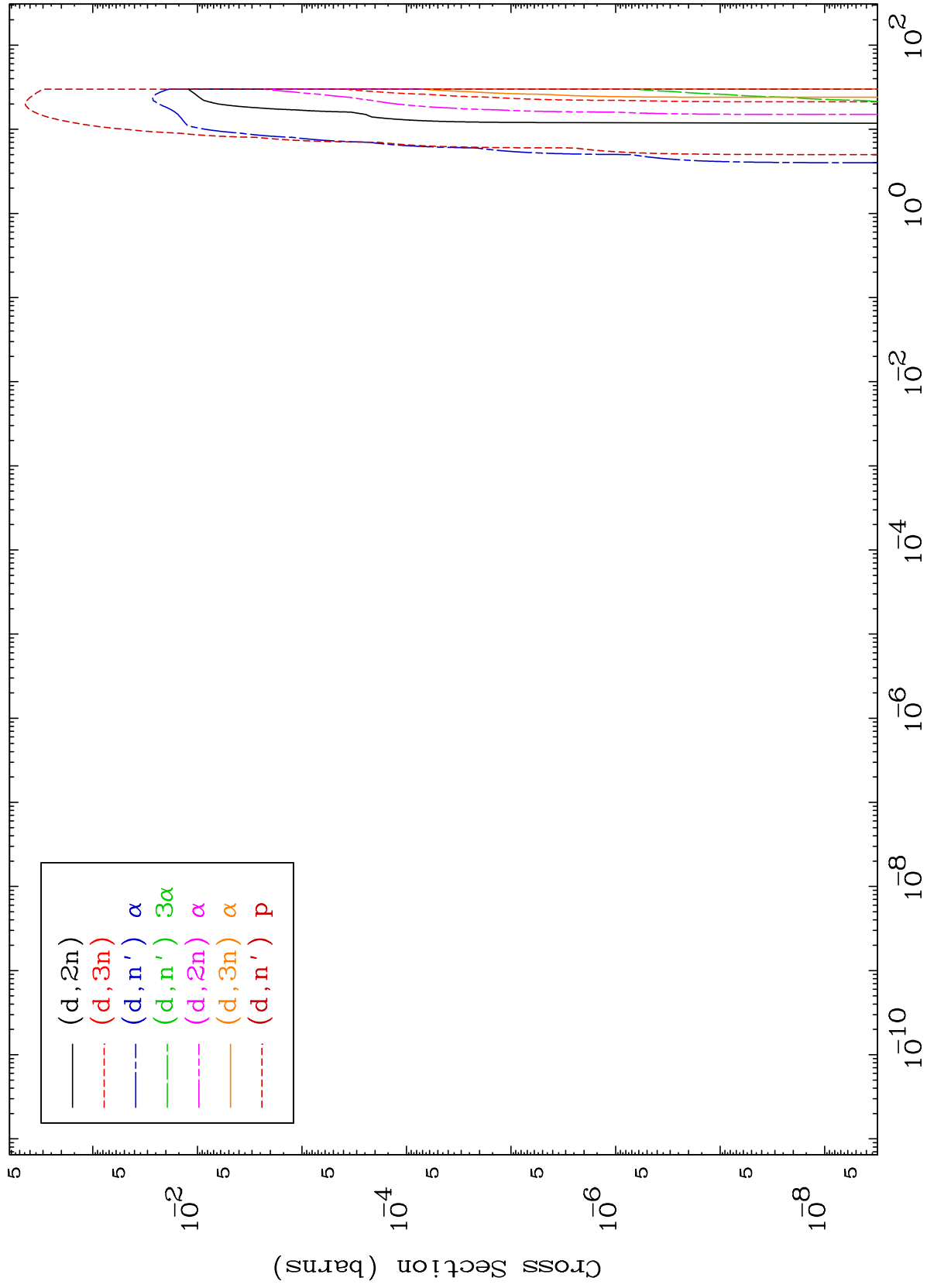
Press Mouse Button to Start



MAT 7666

Deuteron Neutron Production  
0 Kelvin Cross Sections

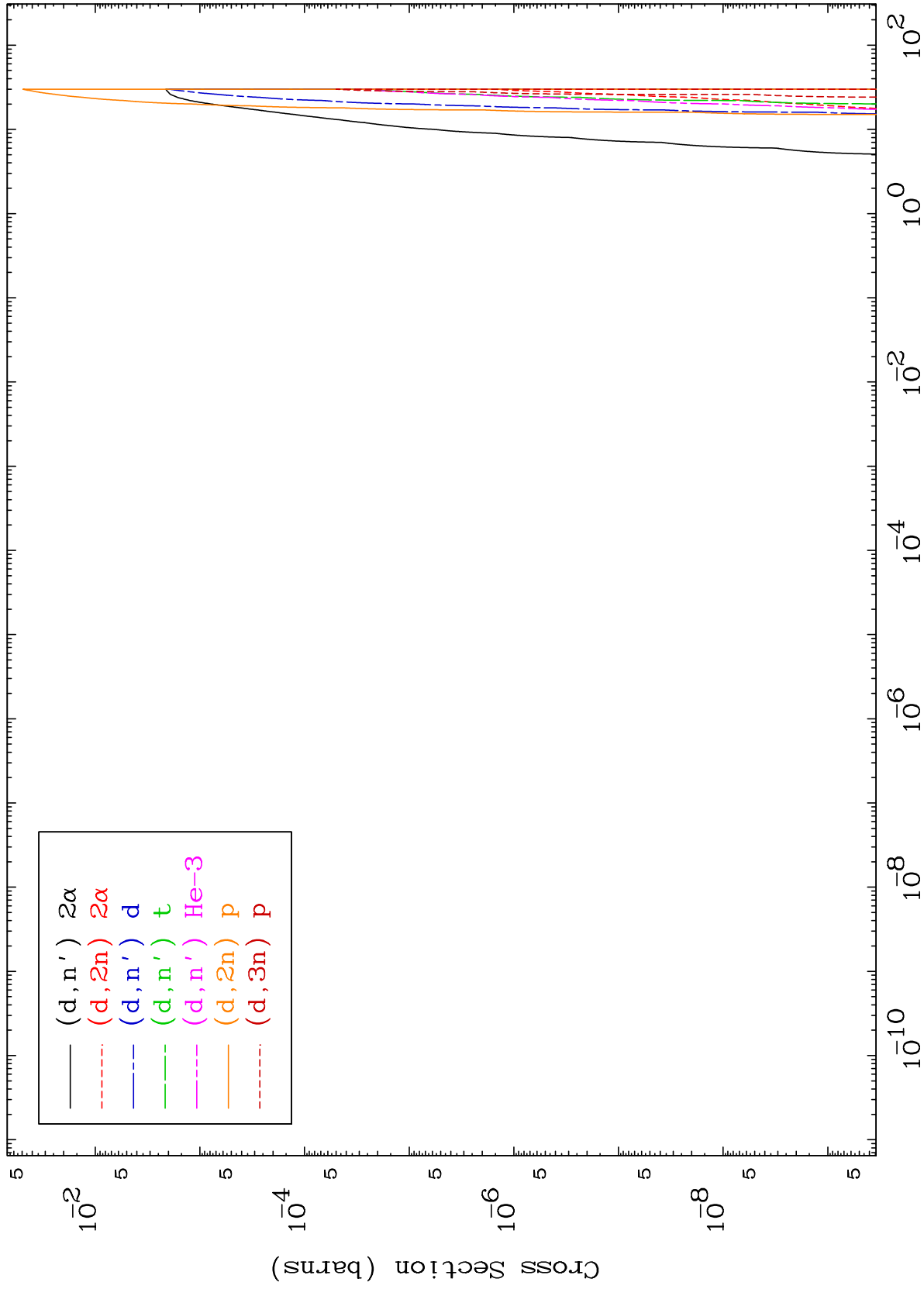
77-Ir-171

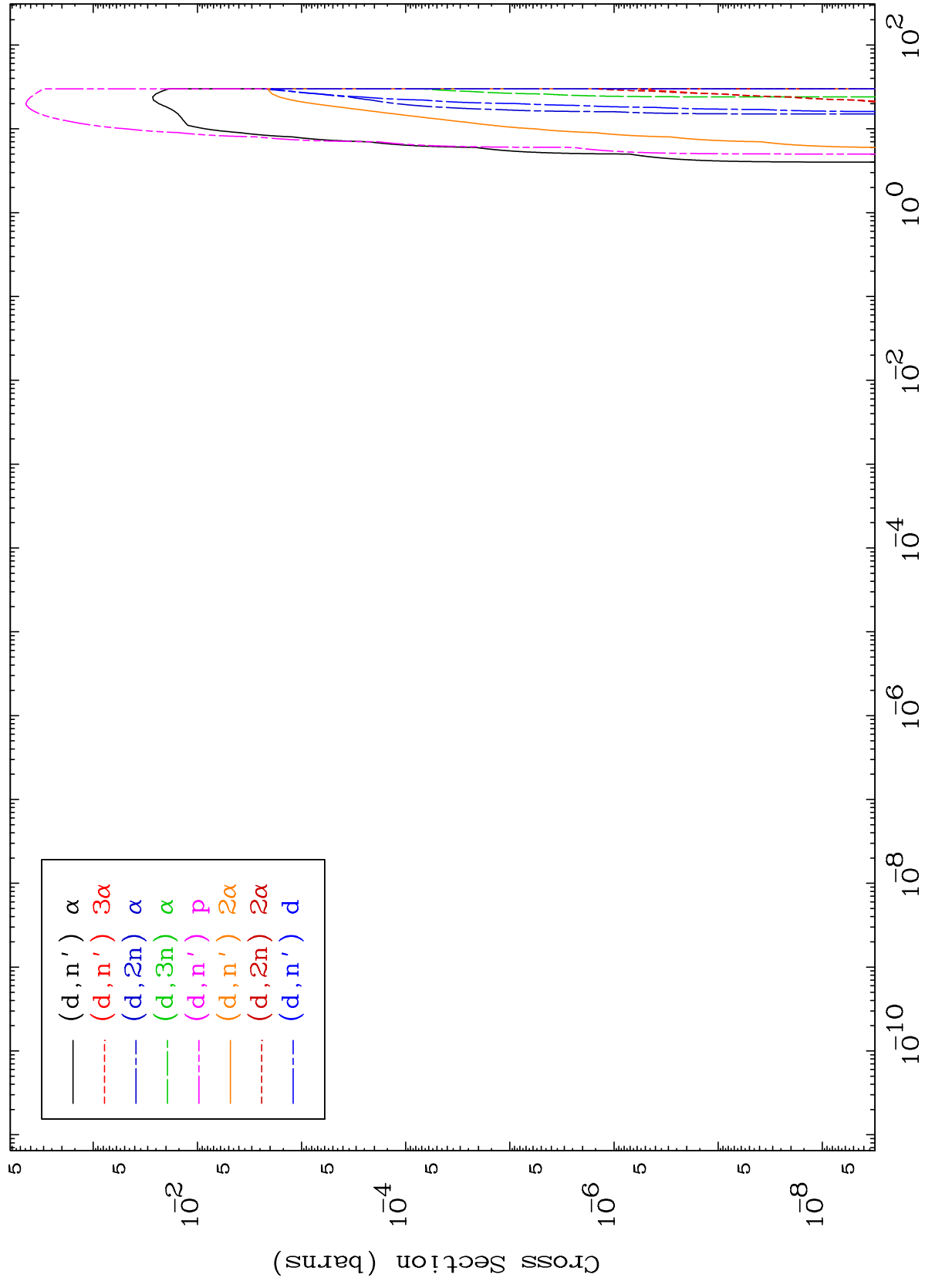


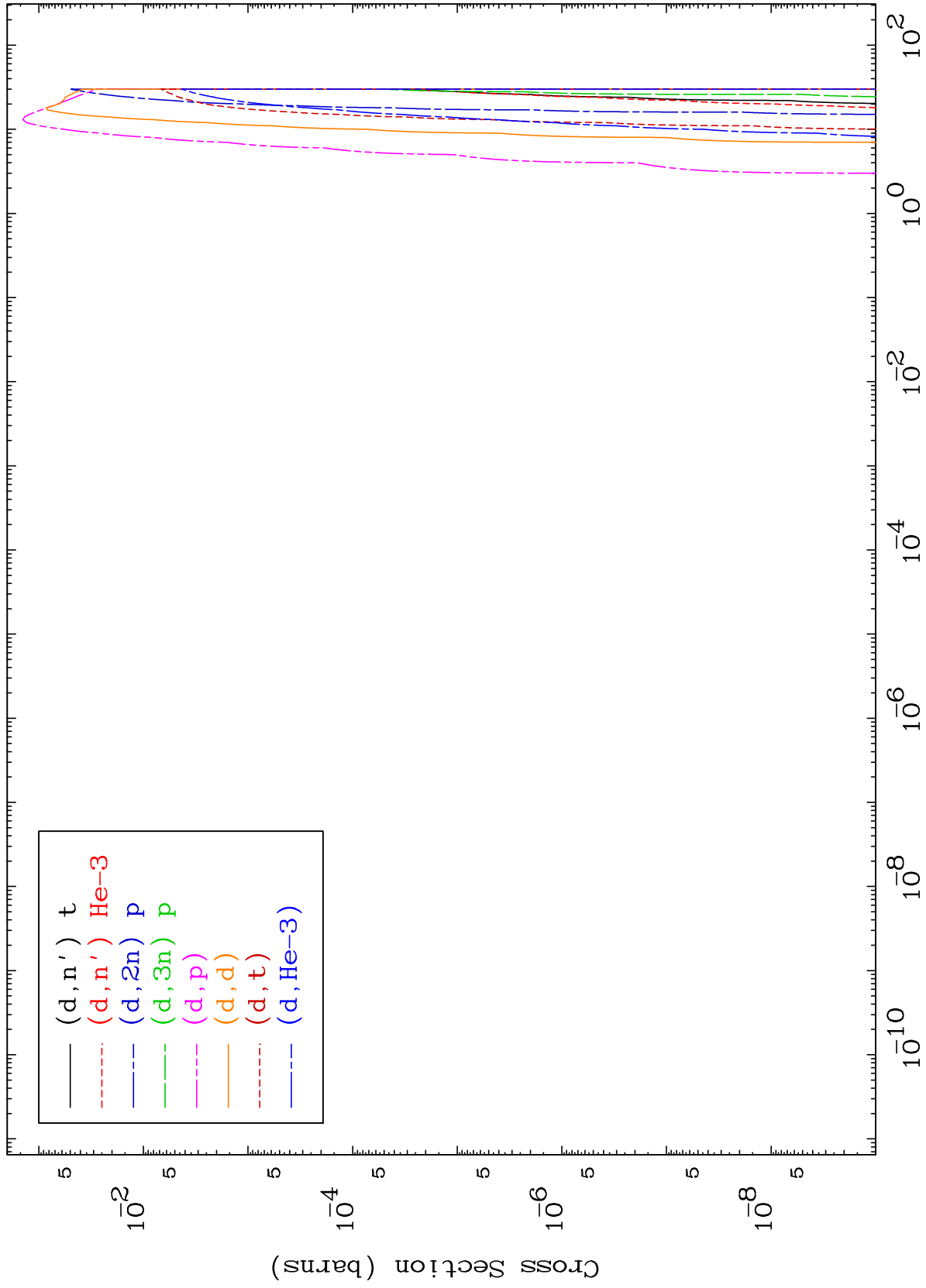
2

Incident Energy (MeV)

77-Ir-171



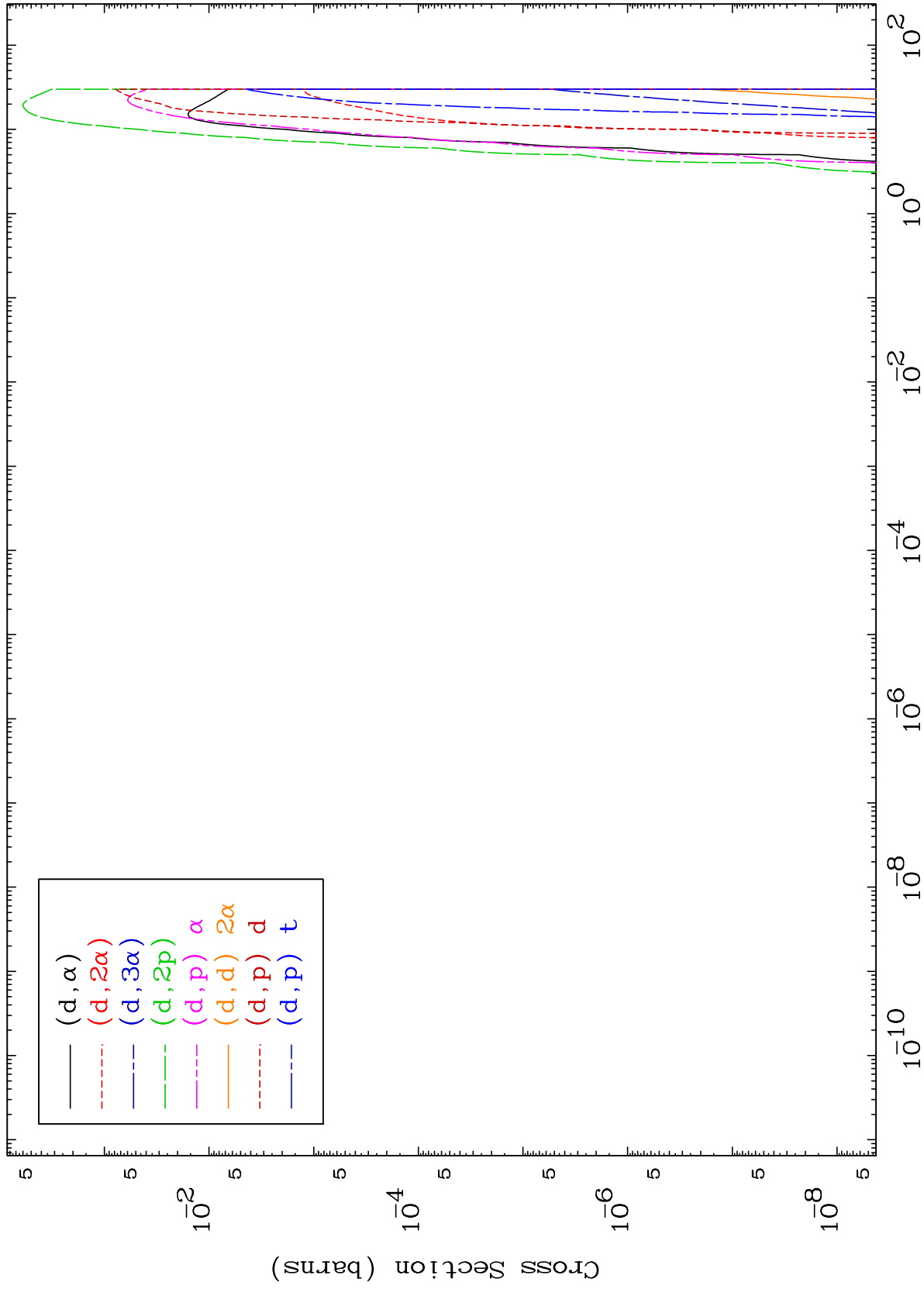




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Deuteron Charged Particle  
0 Kelvin Cross Sections

77-Ir-171



6

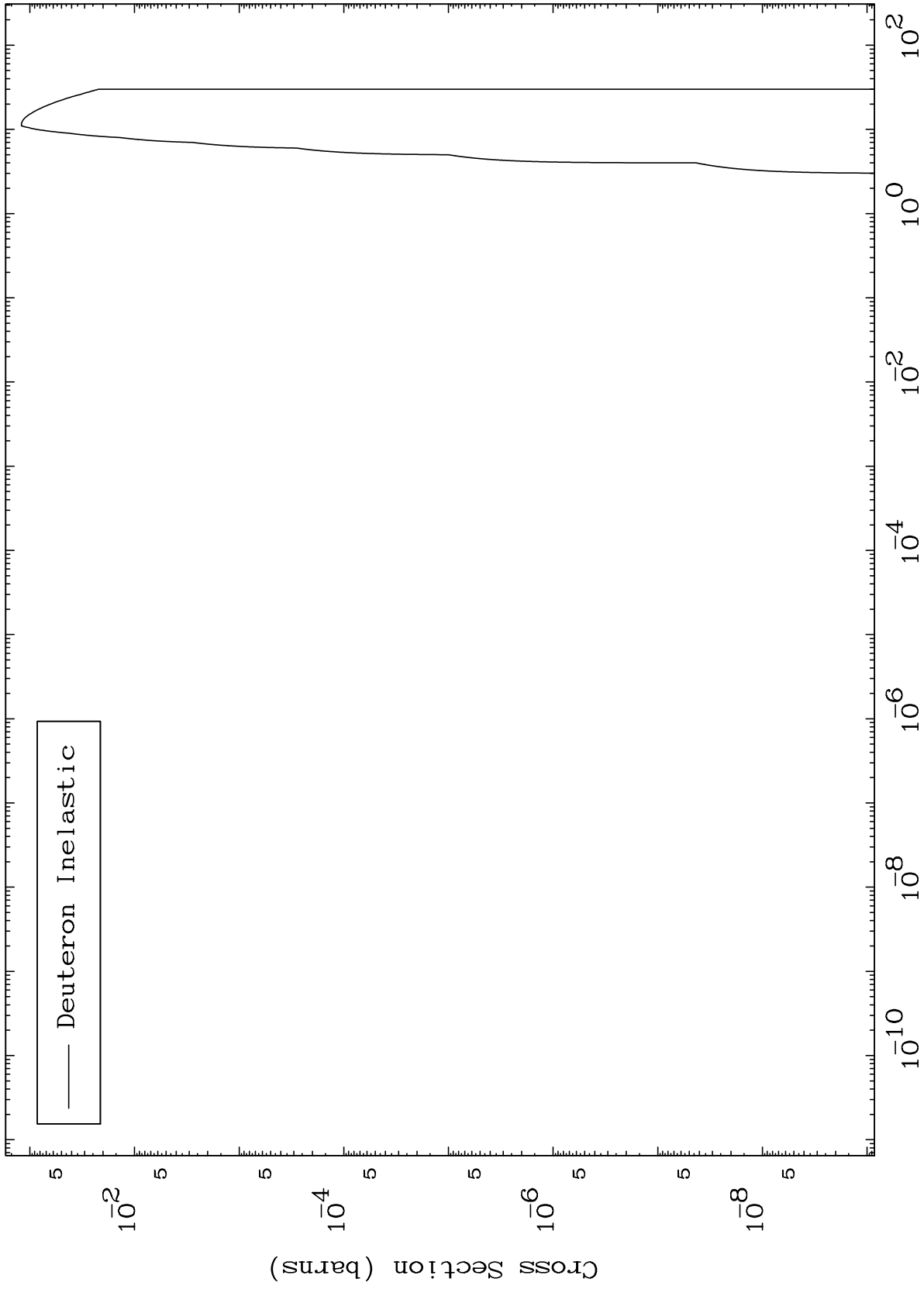
Incident Energy (MeV)

77-Ir-171

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(d,n') Level  
0 Kelvin Cross Sections

77-Ir-171



7

Incident Energy (MeV)

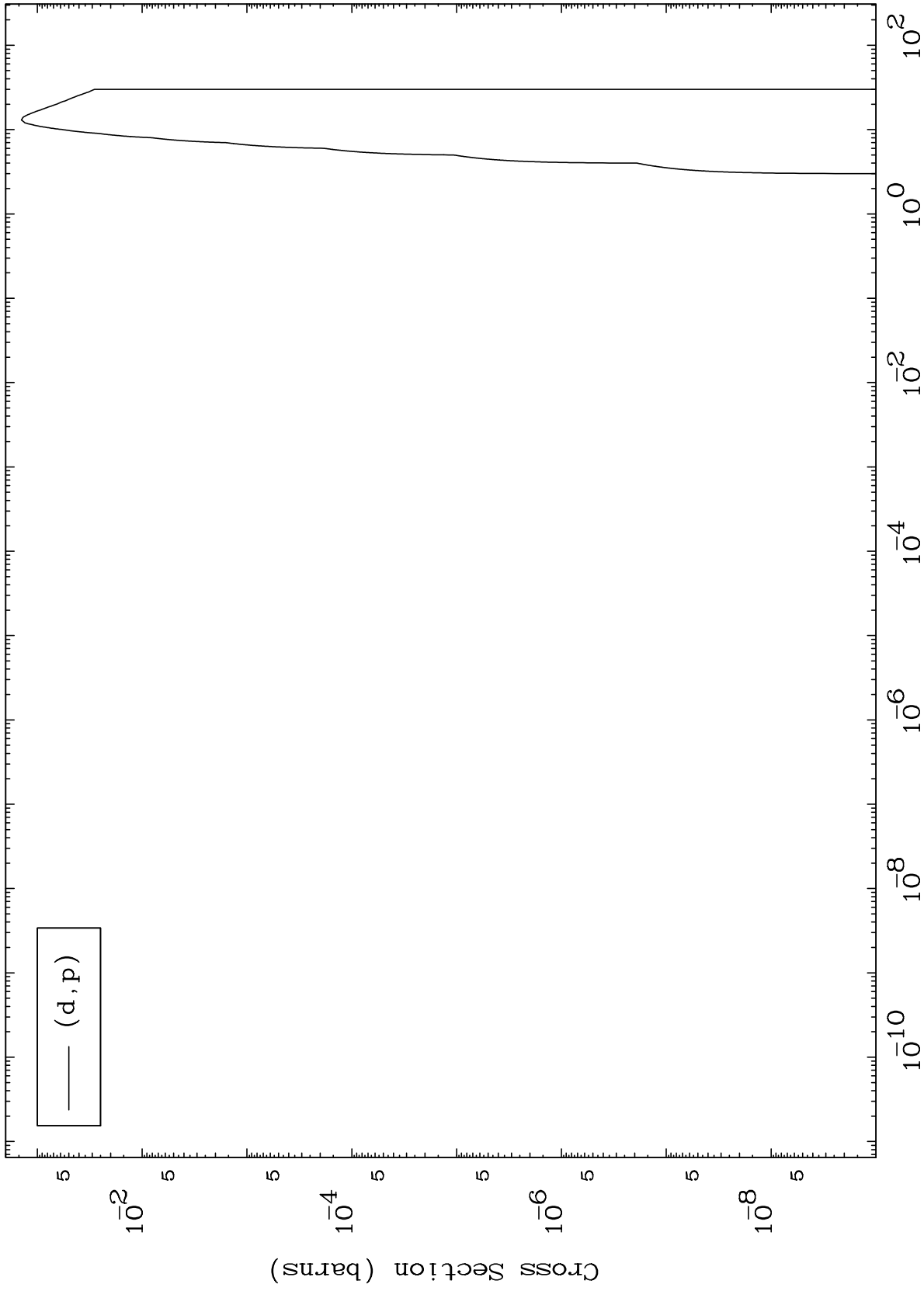
77-Ir-171



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(d,p) Levels  
0 Kelvin Cross Sections

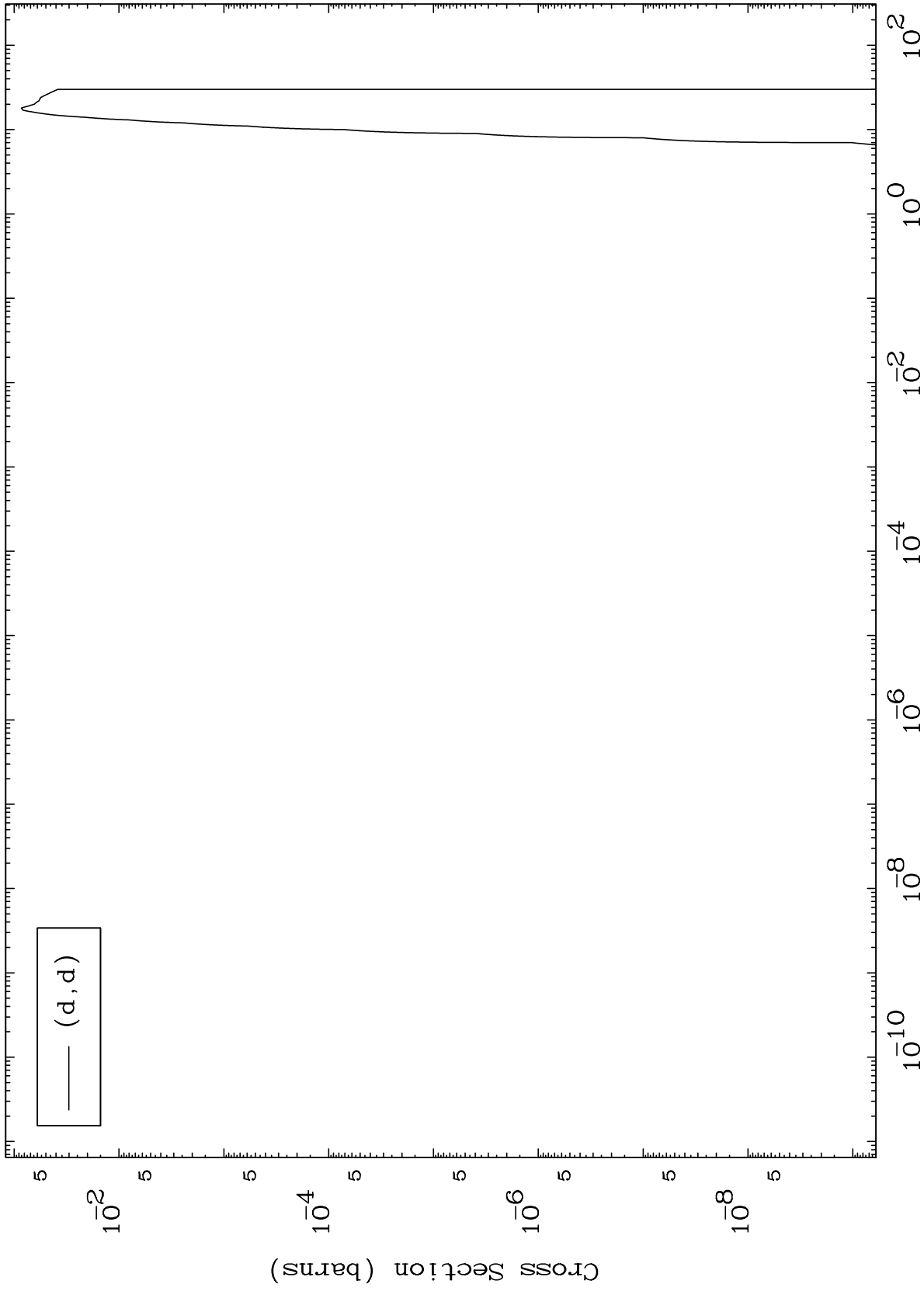
77-Ir-171



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(d,d) Levels  
0 Kelvin Cross Sections

77-Ir-171



9

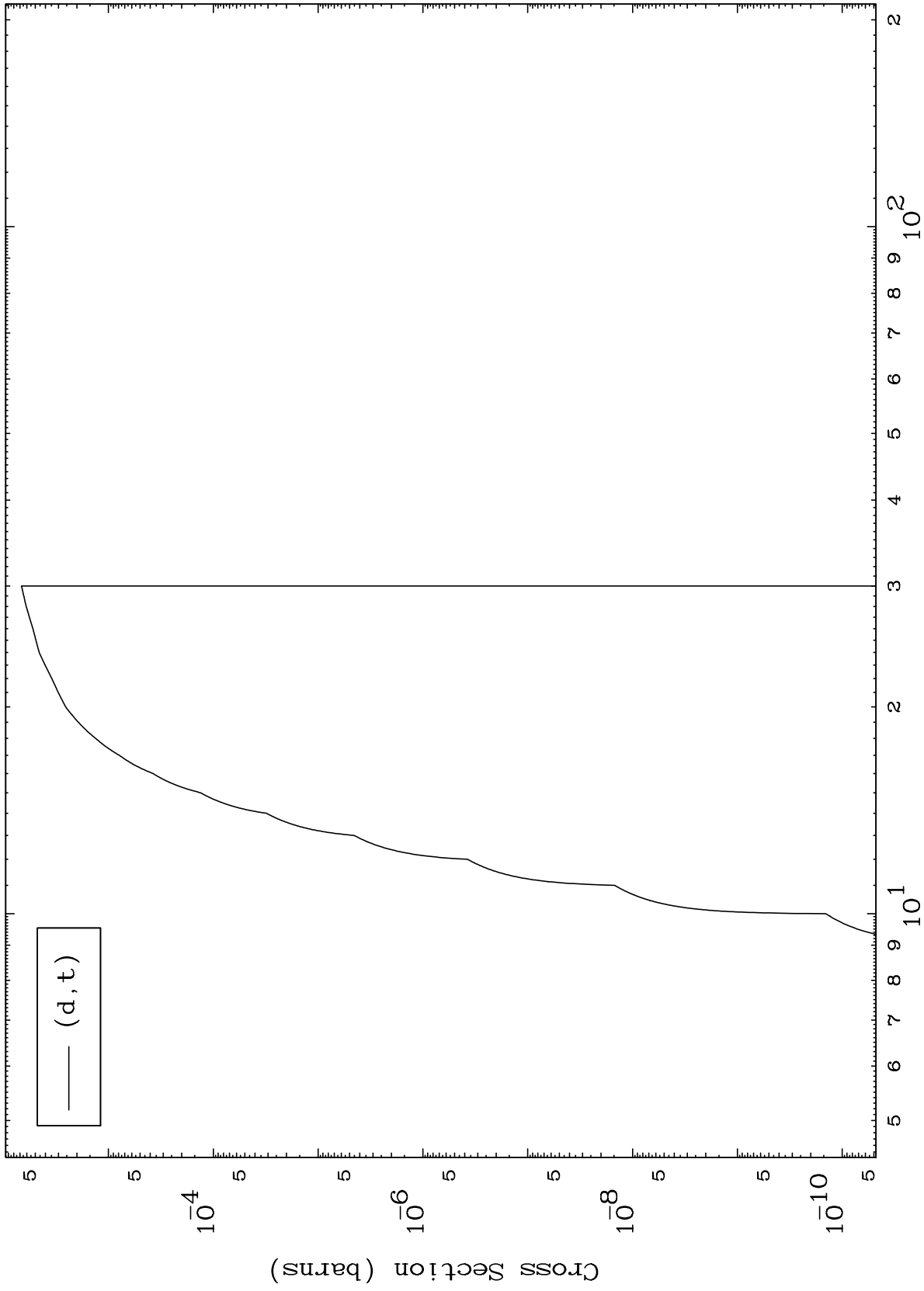
Incident Energy (MeV)

77-Ir-171

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(d,t) Levels  
0 Kelvin Cross Sections

77-Ir-171



10

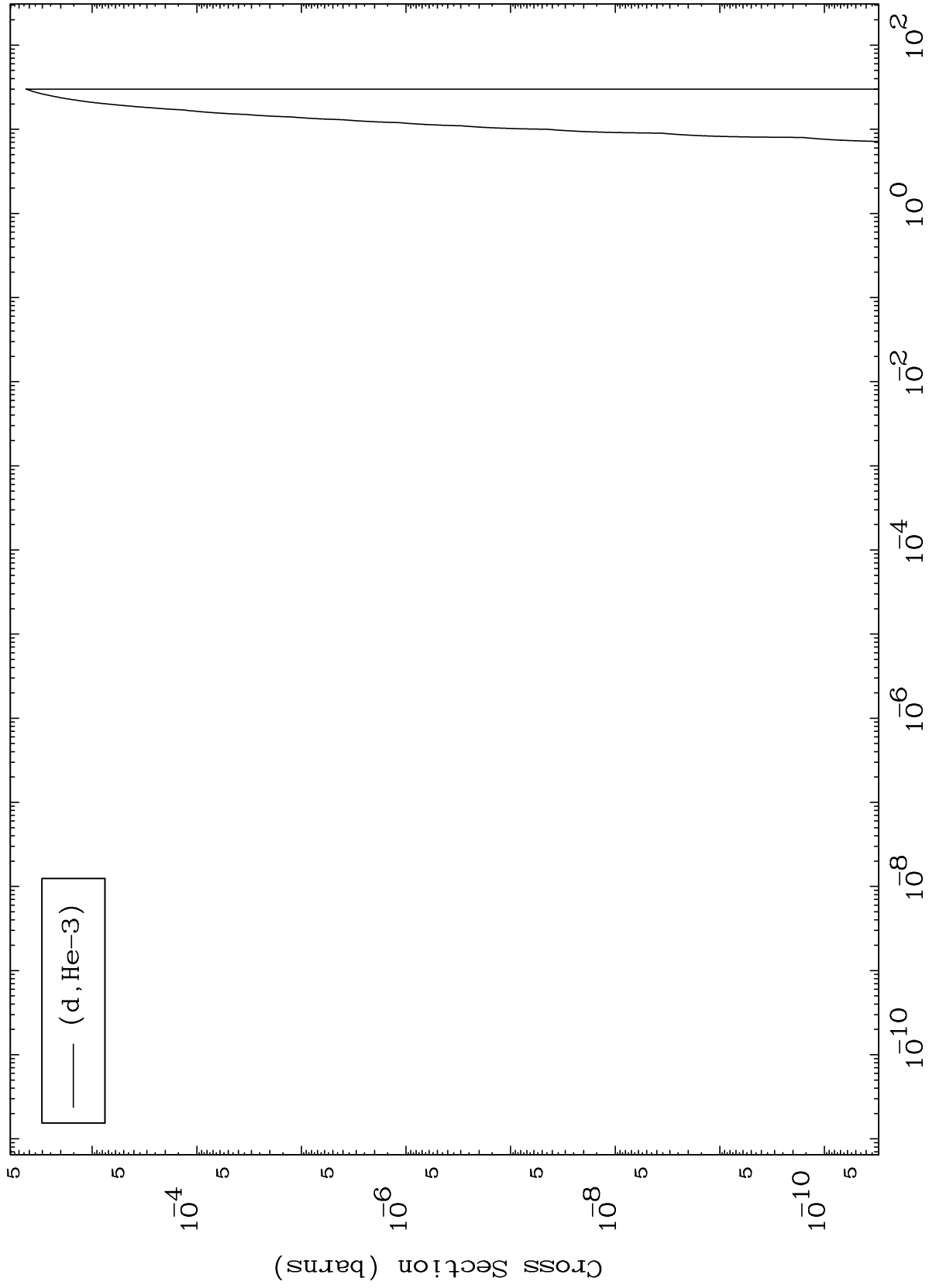
Incident Energy (MeV)

77-Ir-171

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(d,He3) Levels  
0 Kelvin Cross Sections

77-Ir-171



11

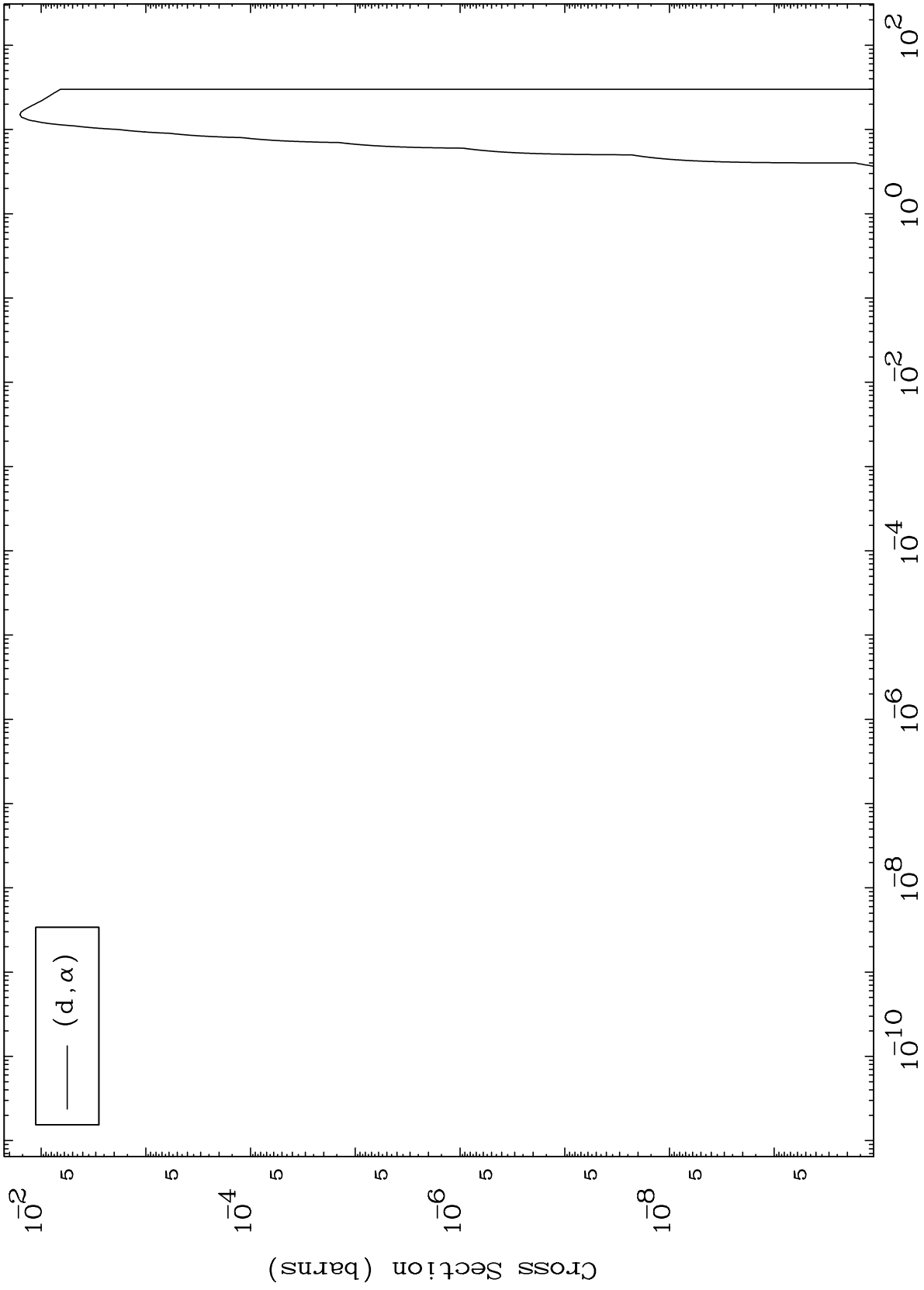
Incident Energy (MeV)

77-Ir-171

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

77-Ir-171



12

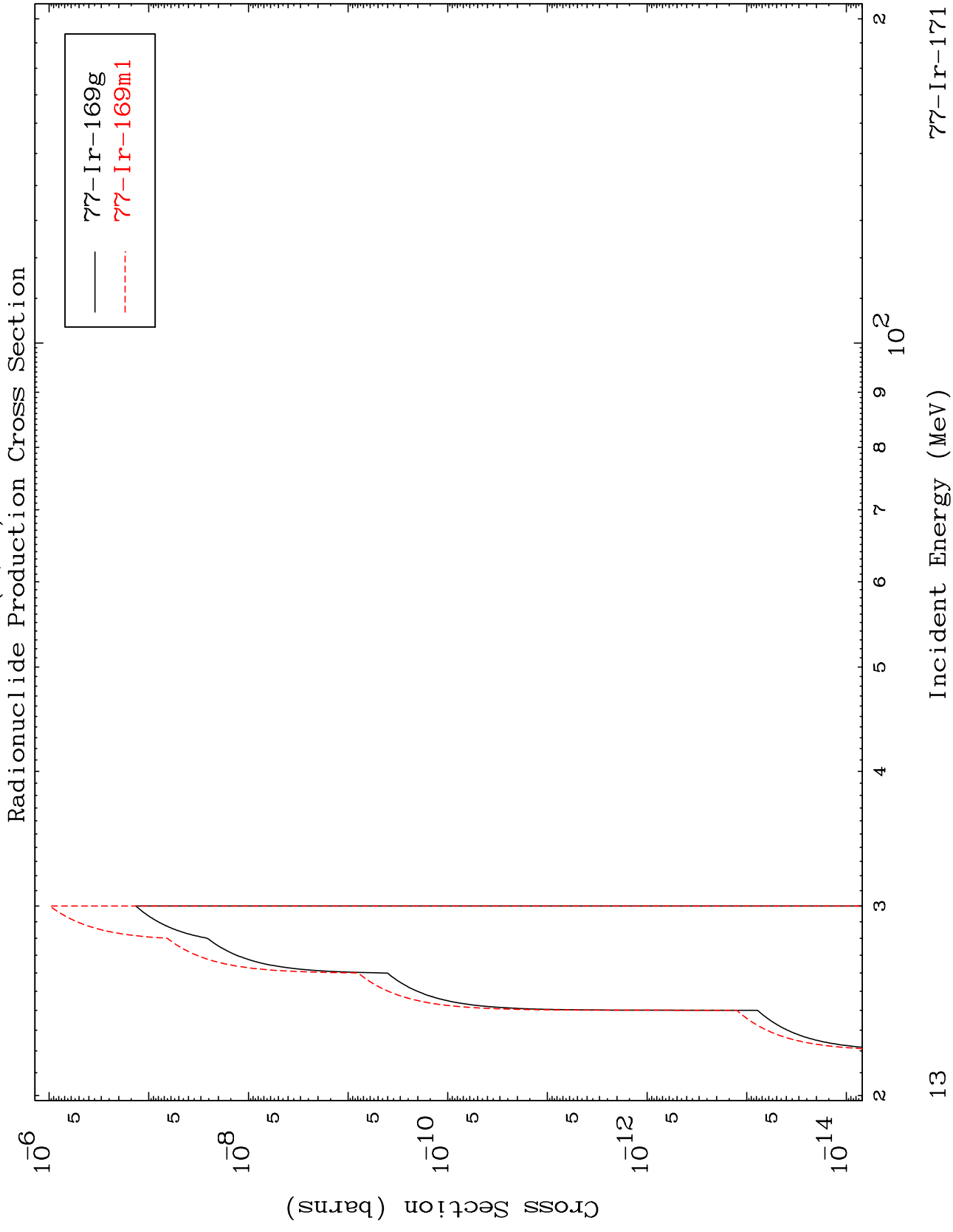
Incident Energy (MeV)

77-Ir-171

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(d,2n) d

<sup>77</sup>Ir-171



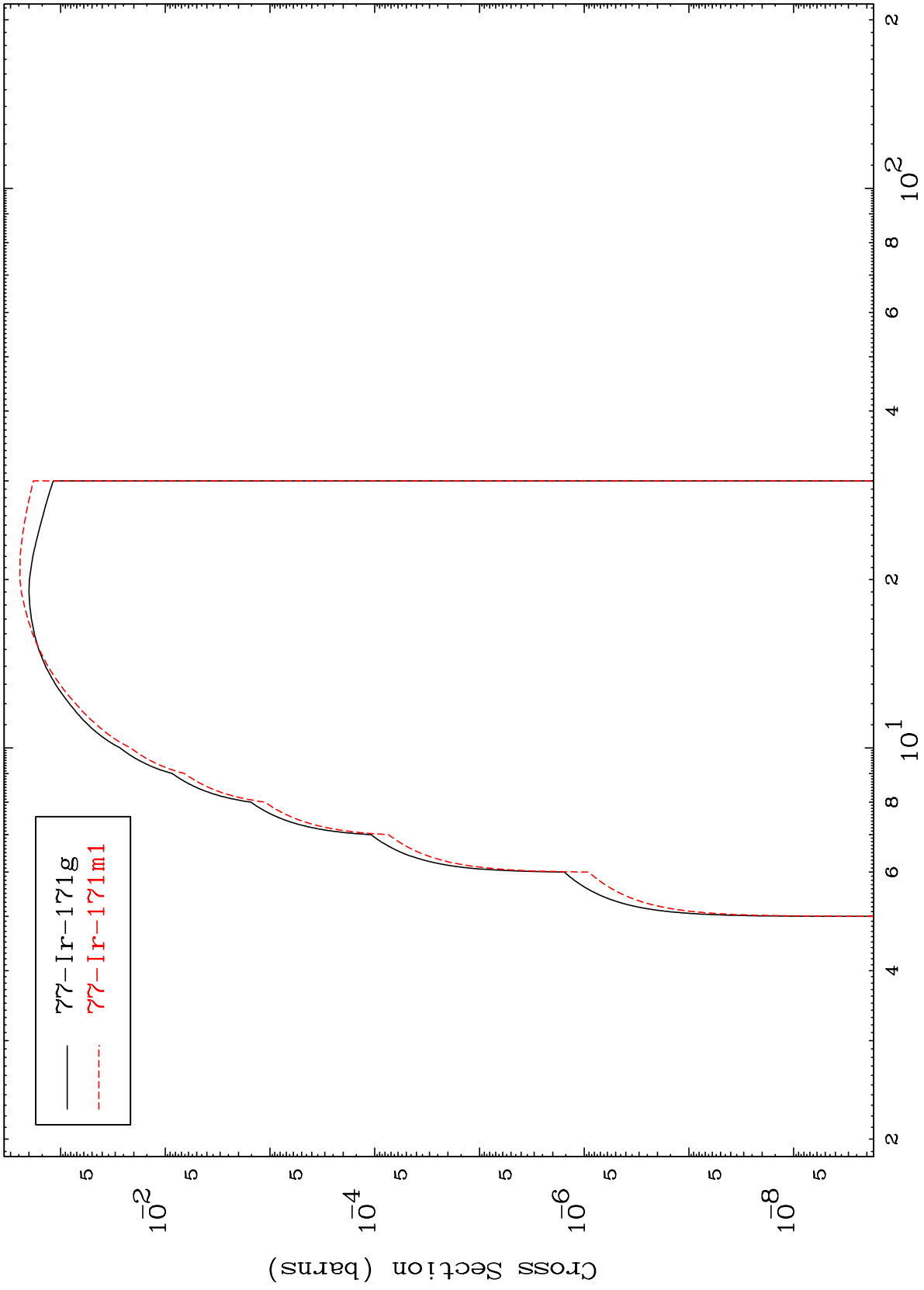
13

<sup>77</sup>Ir-171

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<sup>77</sup>Ir-171

Radionuclide Production Cross Section



14

Incident Energy (MeV)

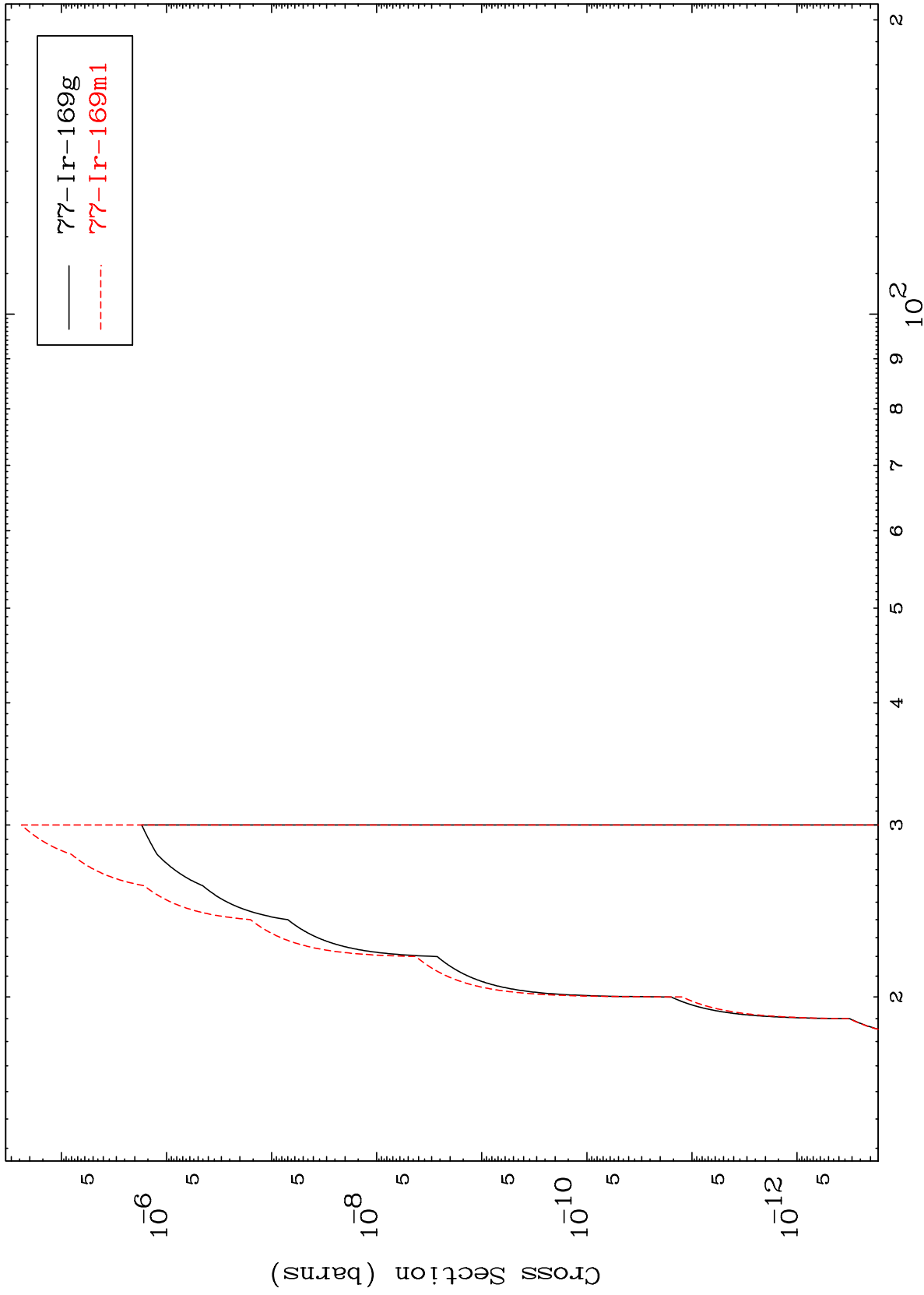
<sup>77</sup>Ir-171

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(d,n') t

<sup>77</sup>Ir-171

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>77</sup>Ir-171

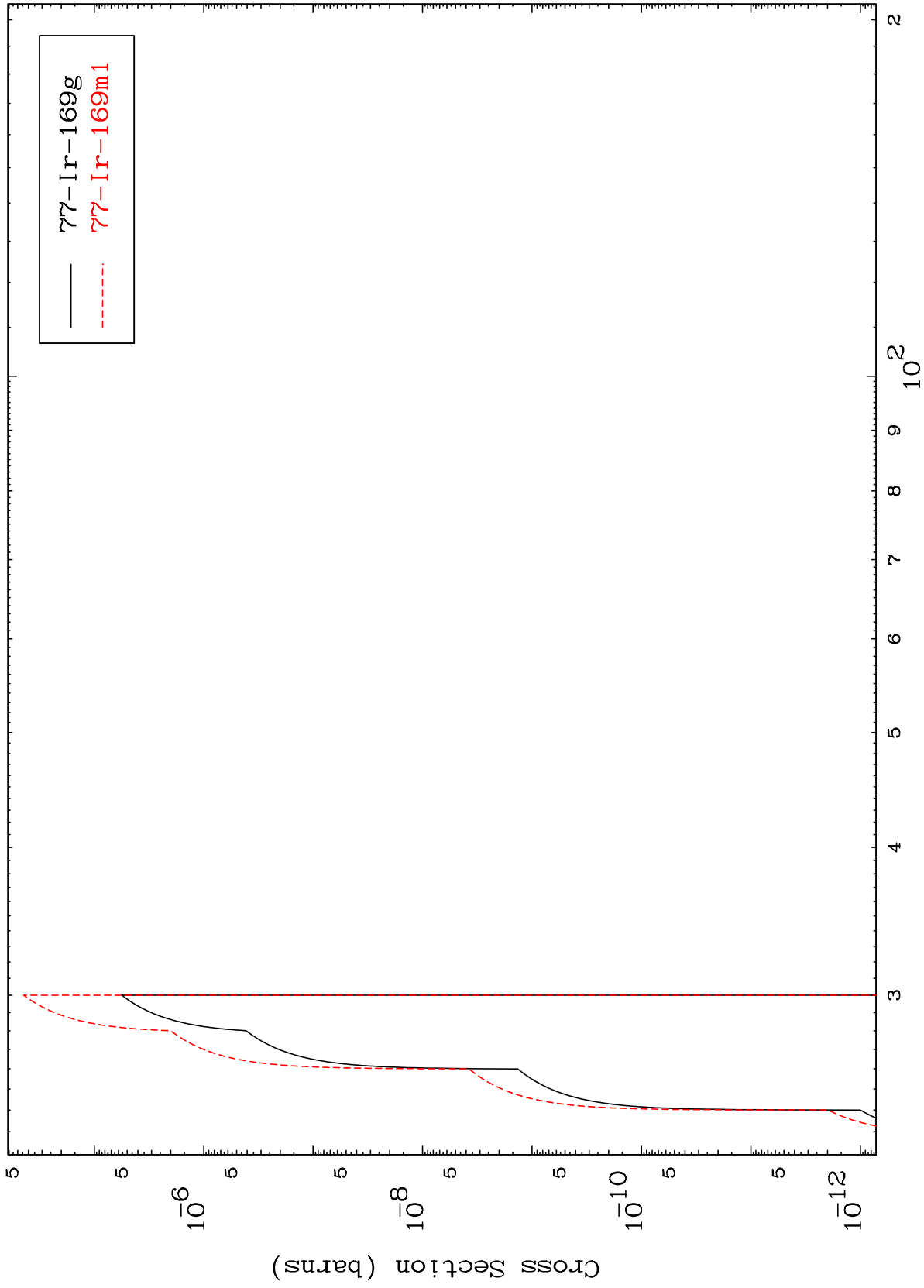


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(d,3n) p

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Radionuclide Production Cross Section



16

Incident Energy (MeV)

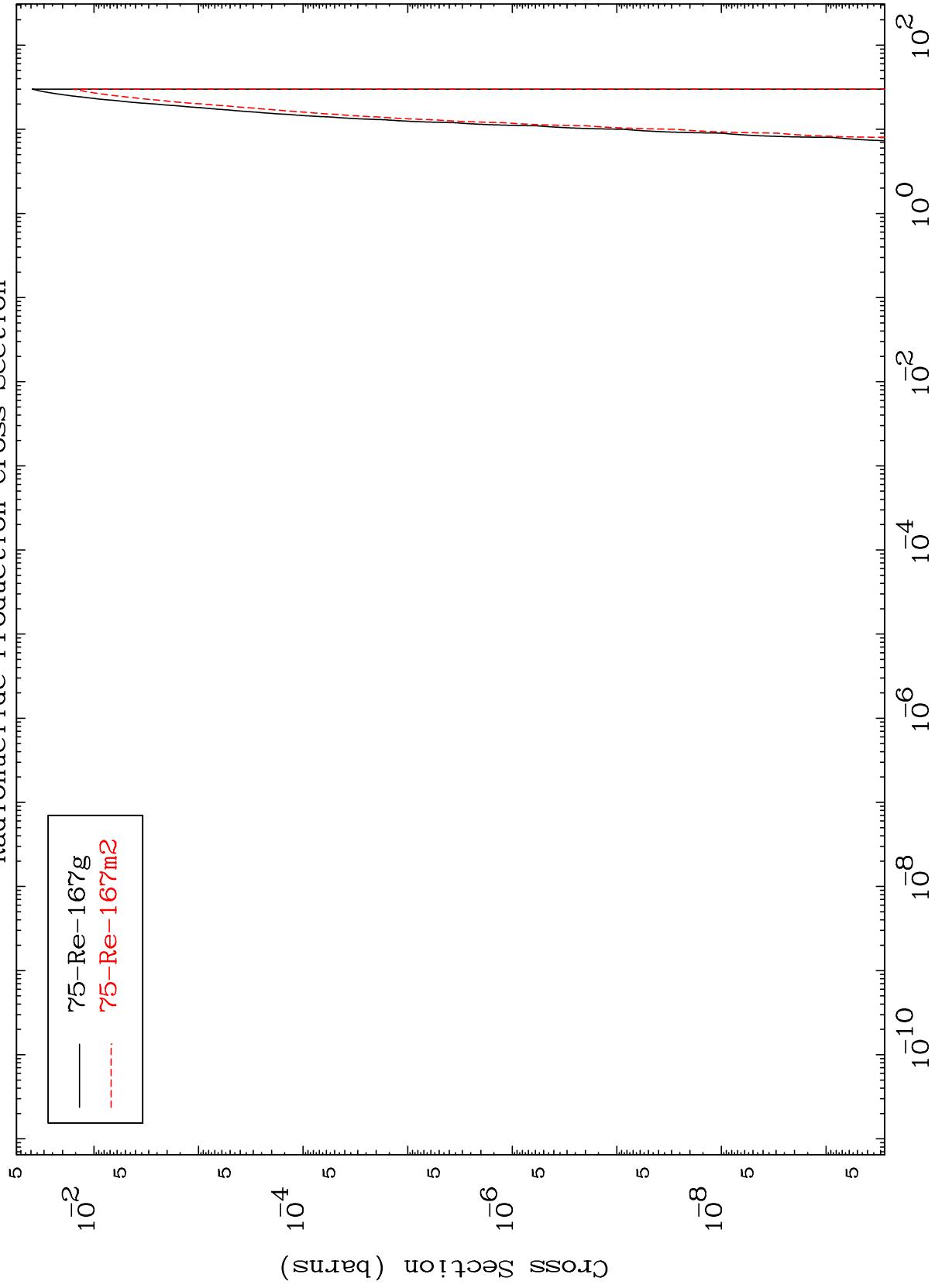
<sup>77</sup>Ir-171

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(d,n') p  $\alpha$

77-Ir-171

Radionuclide Production Cross Section

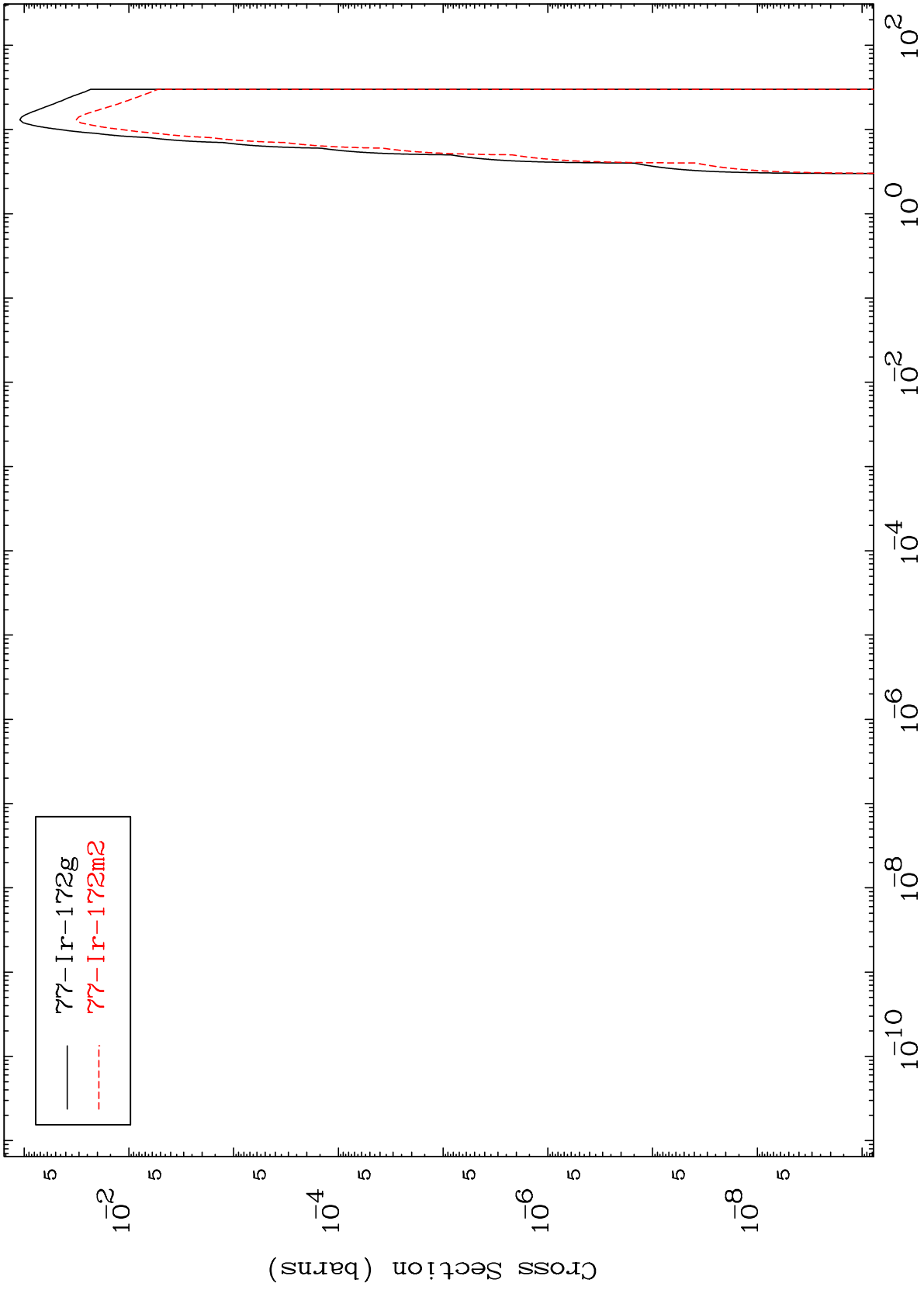


75-Re-167g  
75-Re-167m2

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(d,p)  
Radionuclide Production Cross Section

<sup>77</sup>Ir-171



18

Incident Energy (MeV)

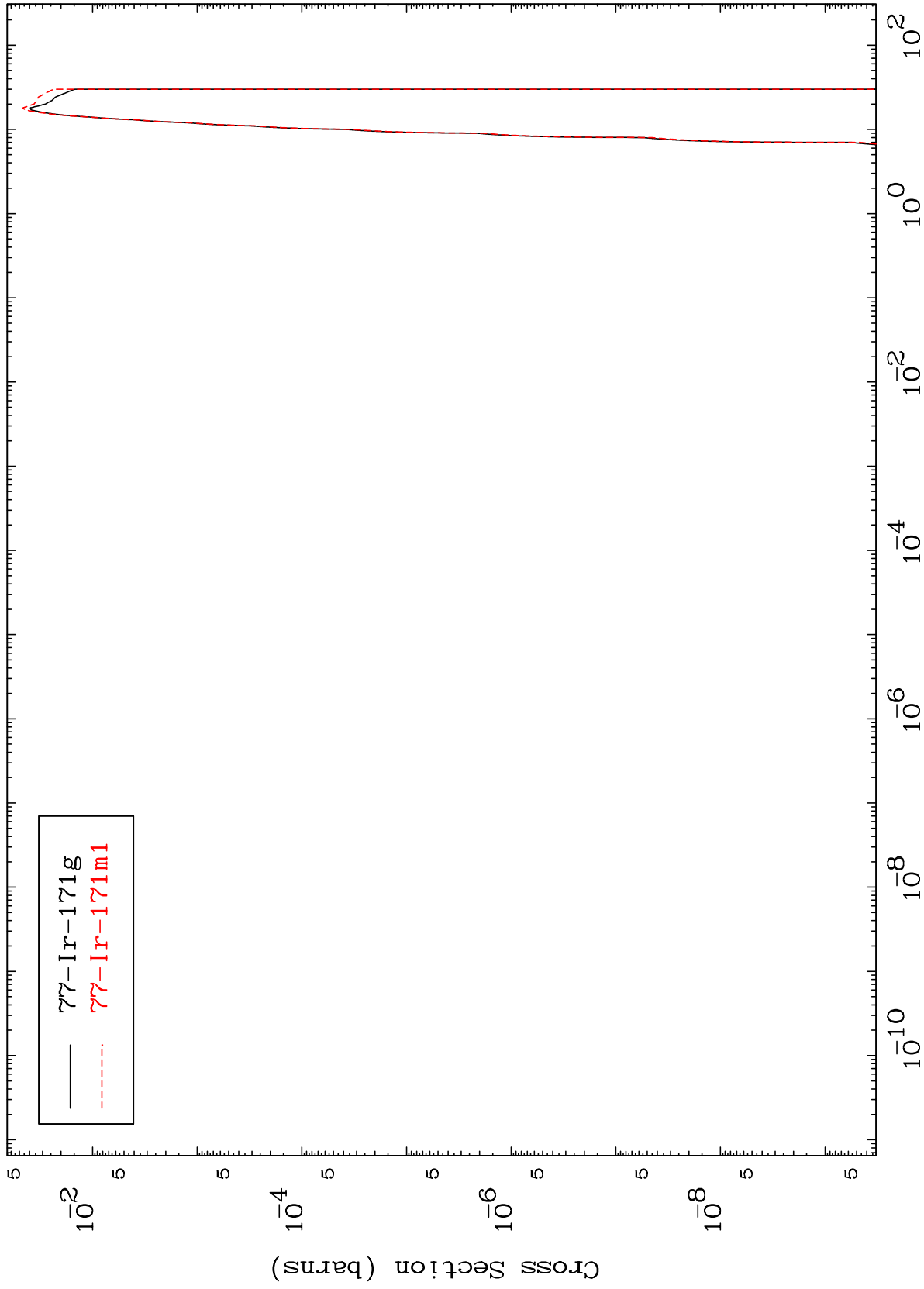
<sup>77</sup>Ir-171

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(d,d)

Radionuclide Production Cross Section

<sup>77</sup>Ir-171



19

Incident Energy (MeV)

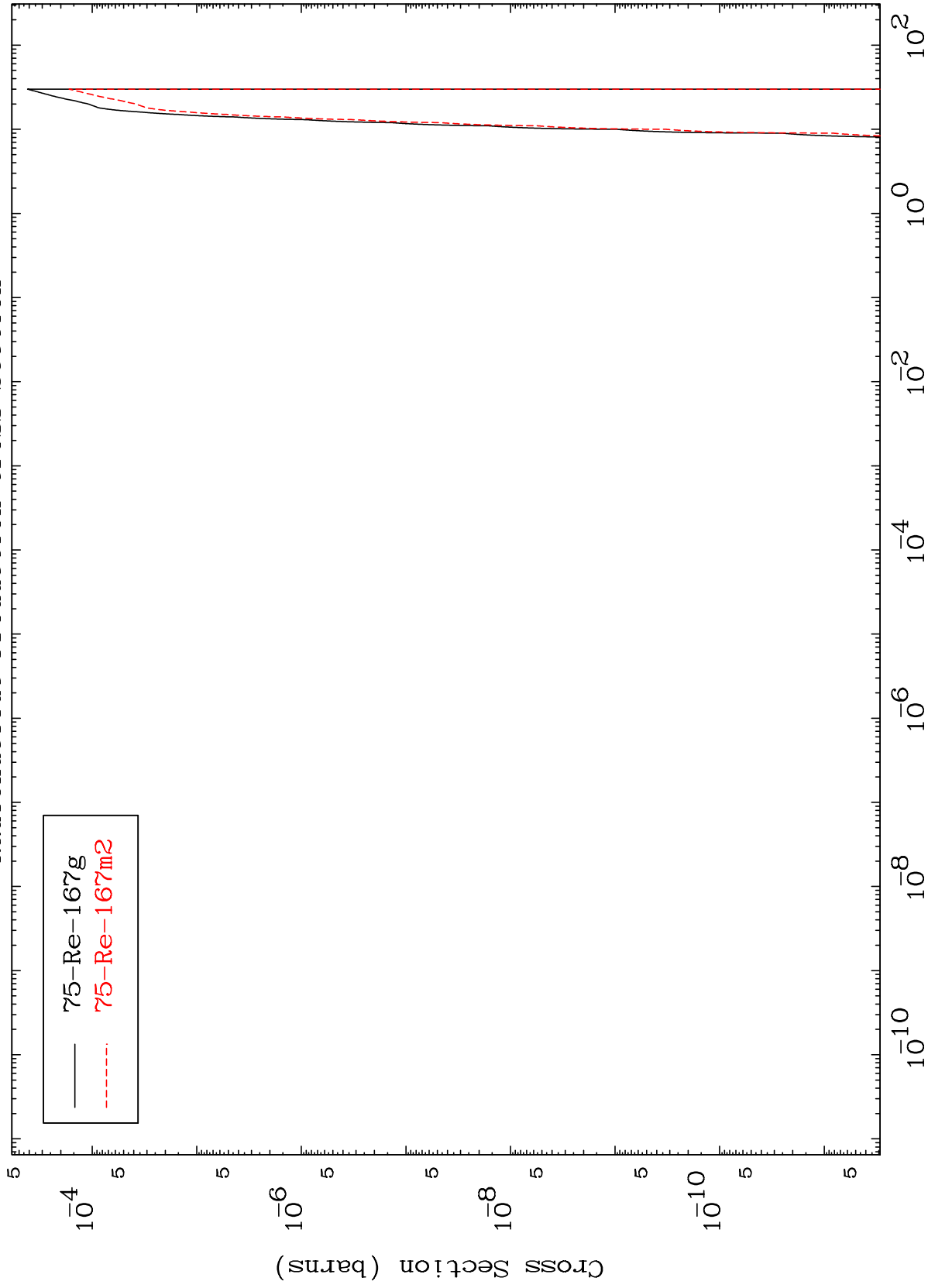
<sup>77</sup>Ir-171

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(d,d)  $\alpha$

<sup>77</sup>Ir-171

Radionuclide Production Cross Section



20

<sup>77</sup>Ir-171