

Program EVALPLOT  
(Version 2021-1)

by

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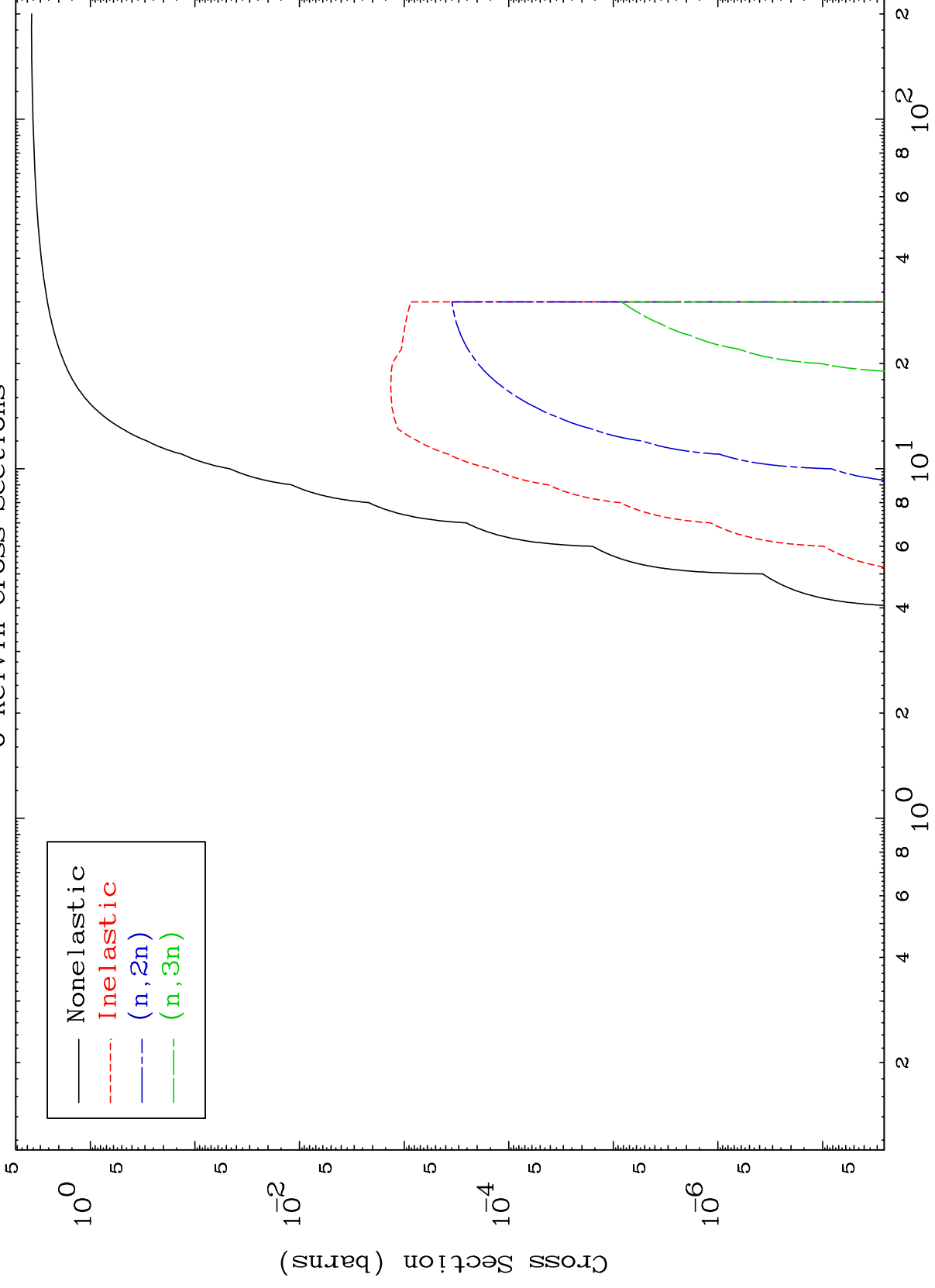
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9987

Deuteron Major  
0 Kelvin Cross Sections

103-Lr-253m



Legend:  
— Nonelastic  
- - - Inelastic  
- · - (n, 2n)  
- - - (n, 3n)

103-Lr-253m

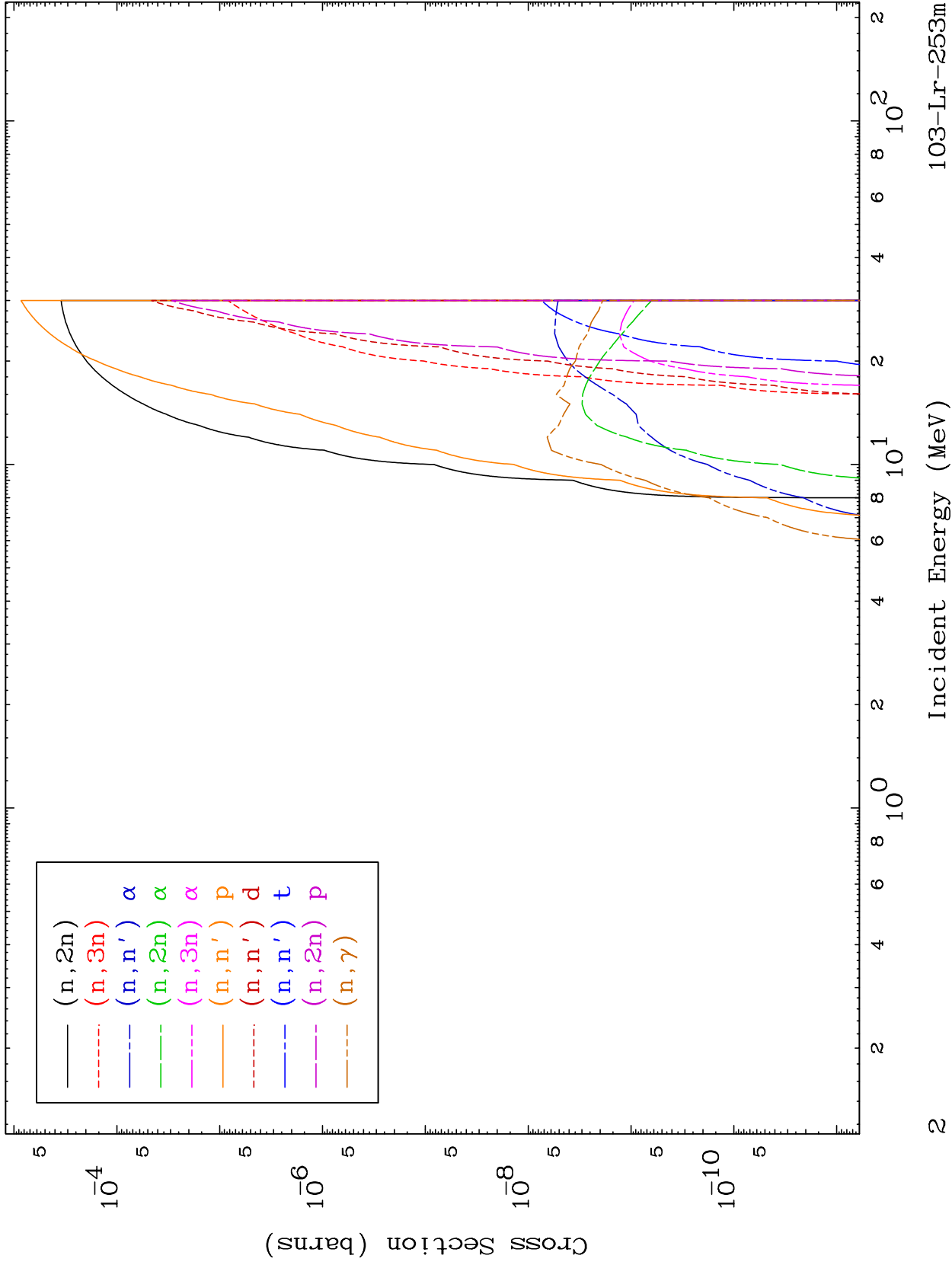
Incident Energy (MeV)

1

MAT 9987

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

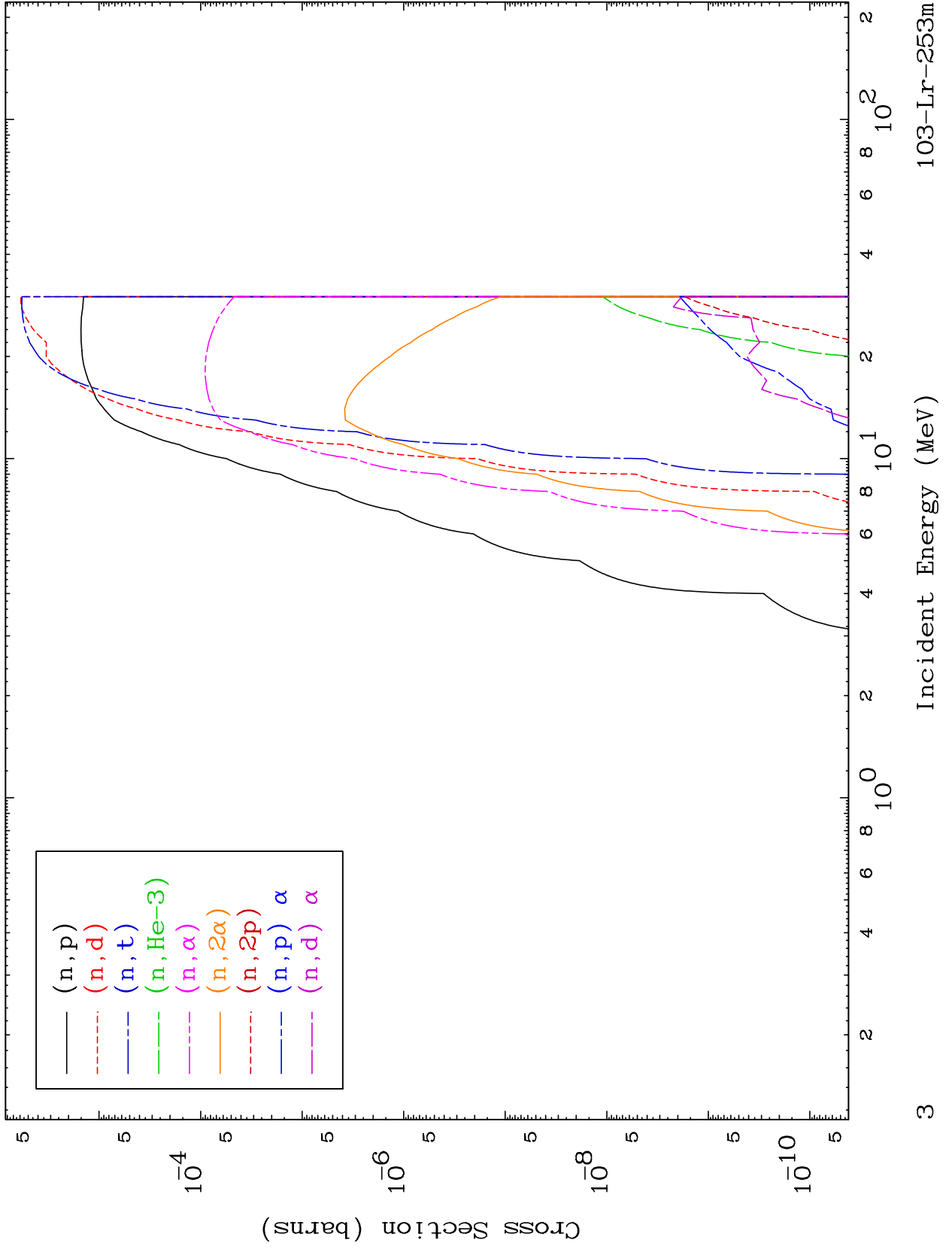
103-Lr-253m



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Deuteron Neutron Absorption  
0 Kelvin Cross Sections

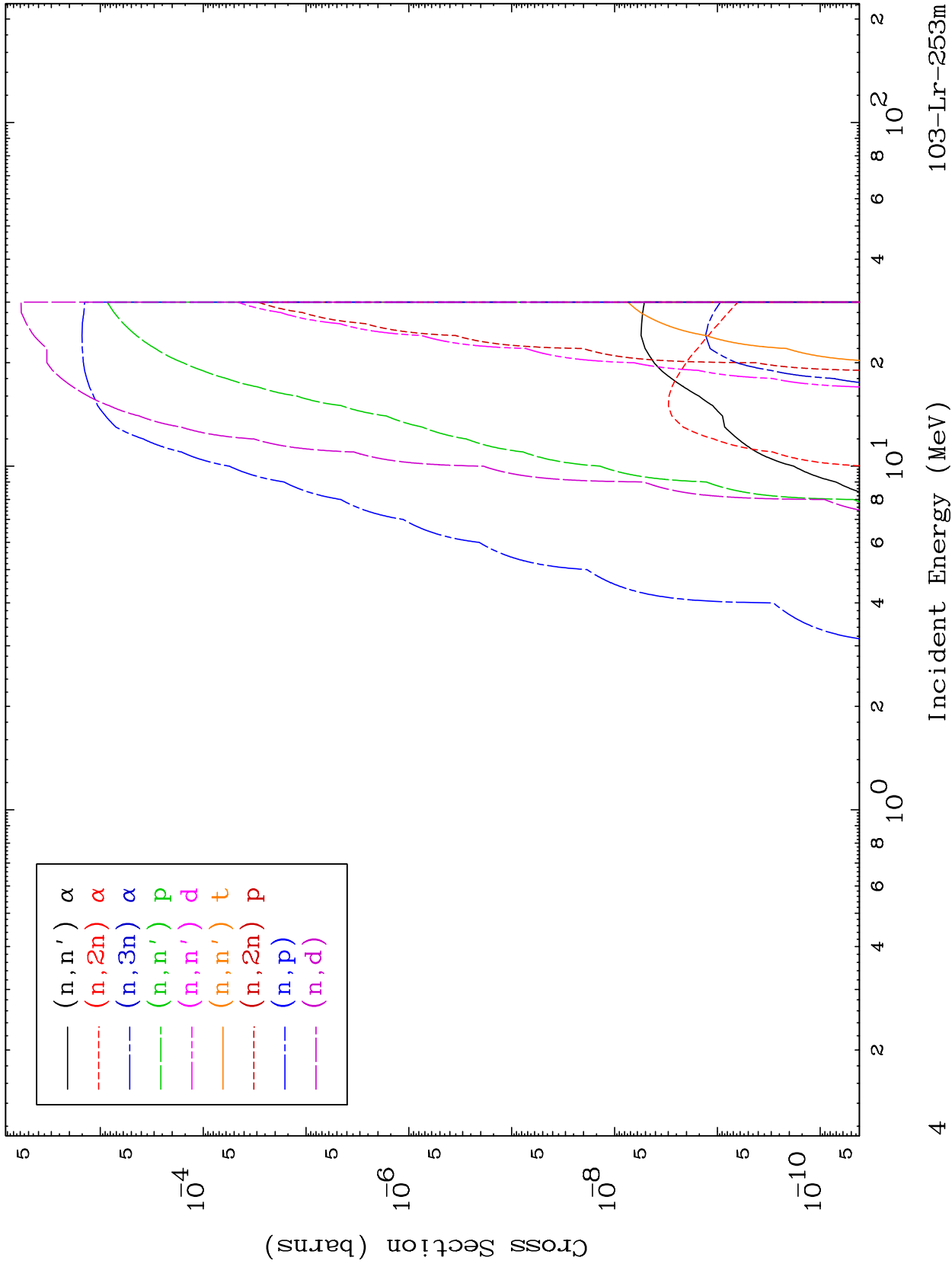
103-Lr-253m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

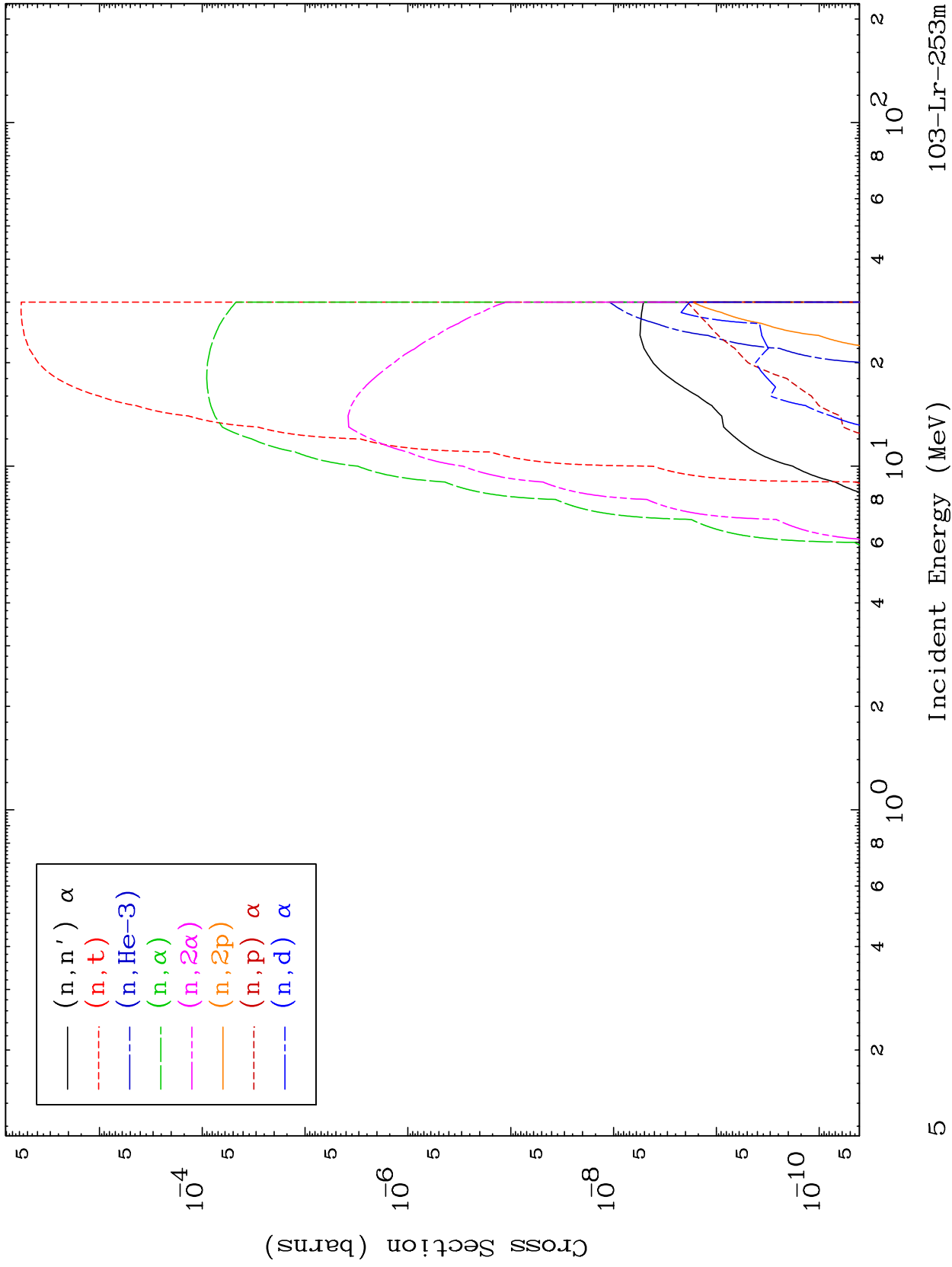
103-Lr-253m



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Deuteron Charged Particle  
0 Kelvin Cross Sections

103-Lr-253m

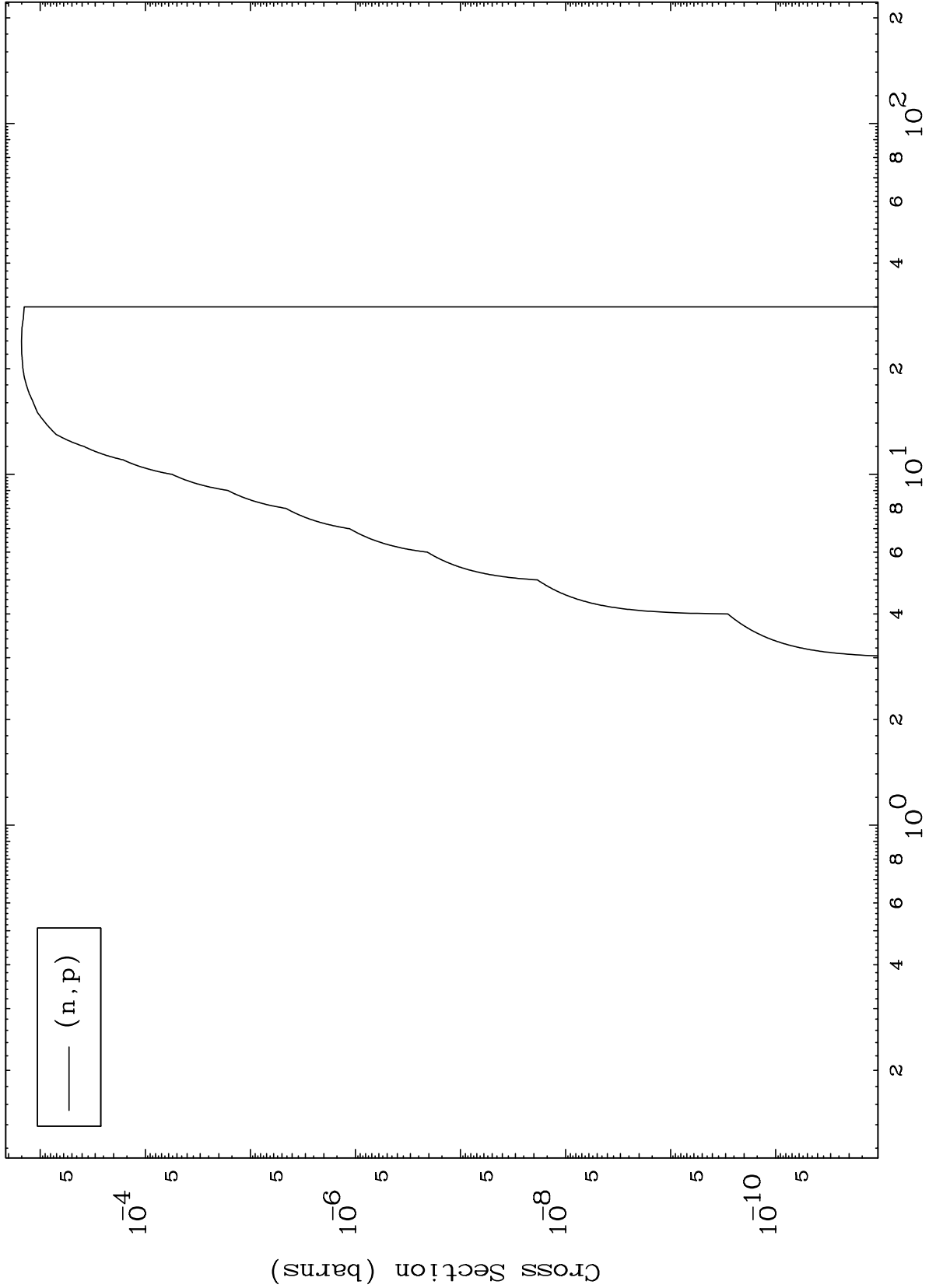


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(d,p) Levels

103-Lr-253m

0 Kelvin Cross Sections

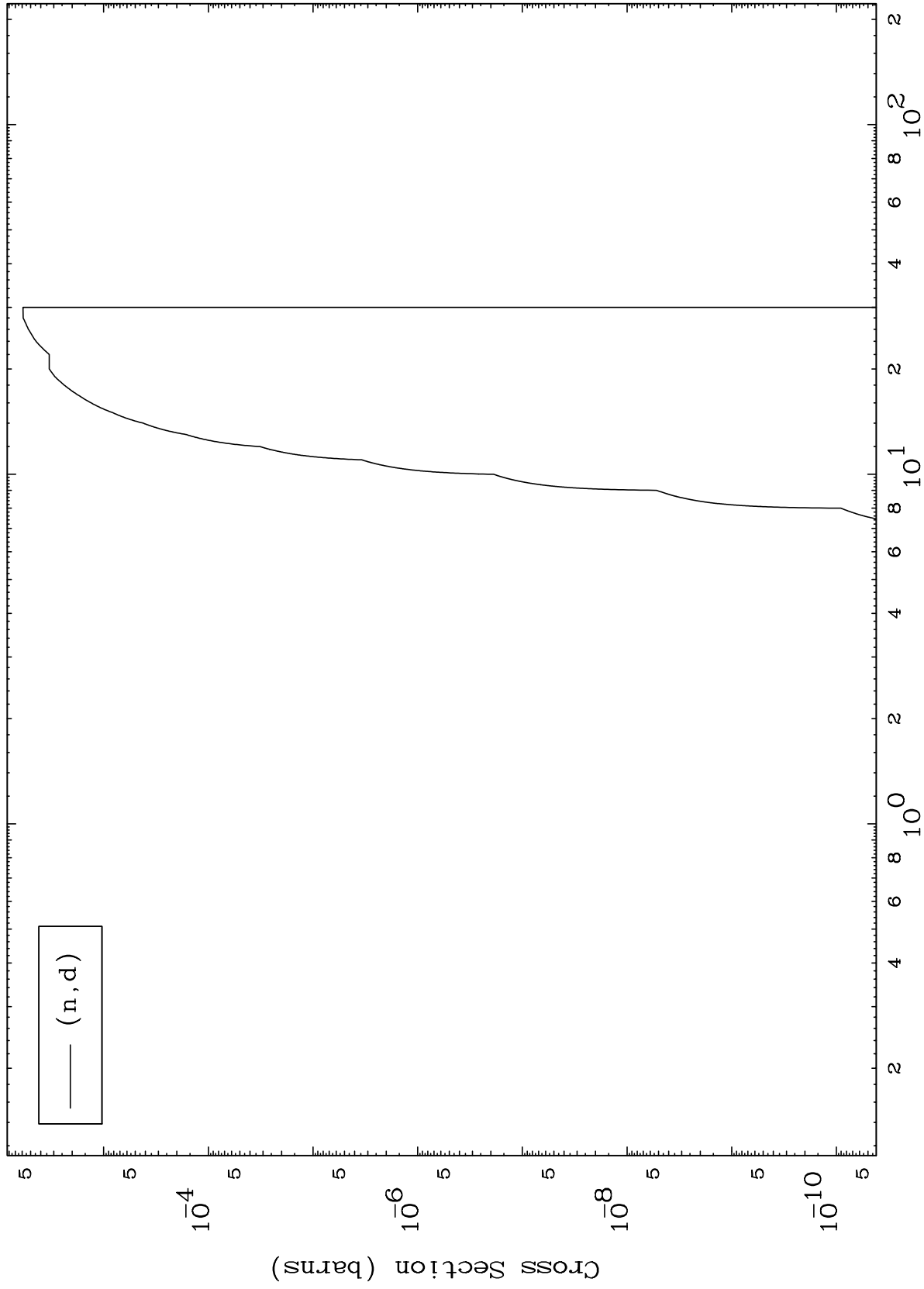


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(d,d) Levels

103-Lr-253m

0 Kelvin Cross Sections

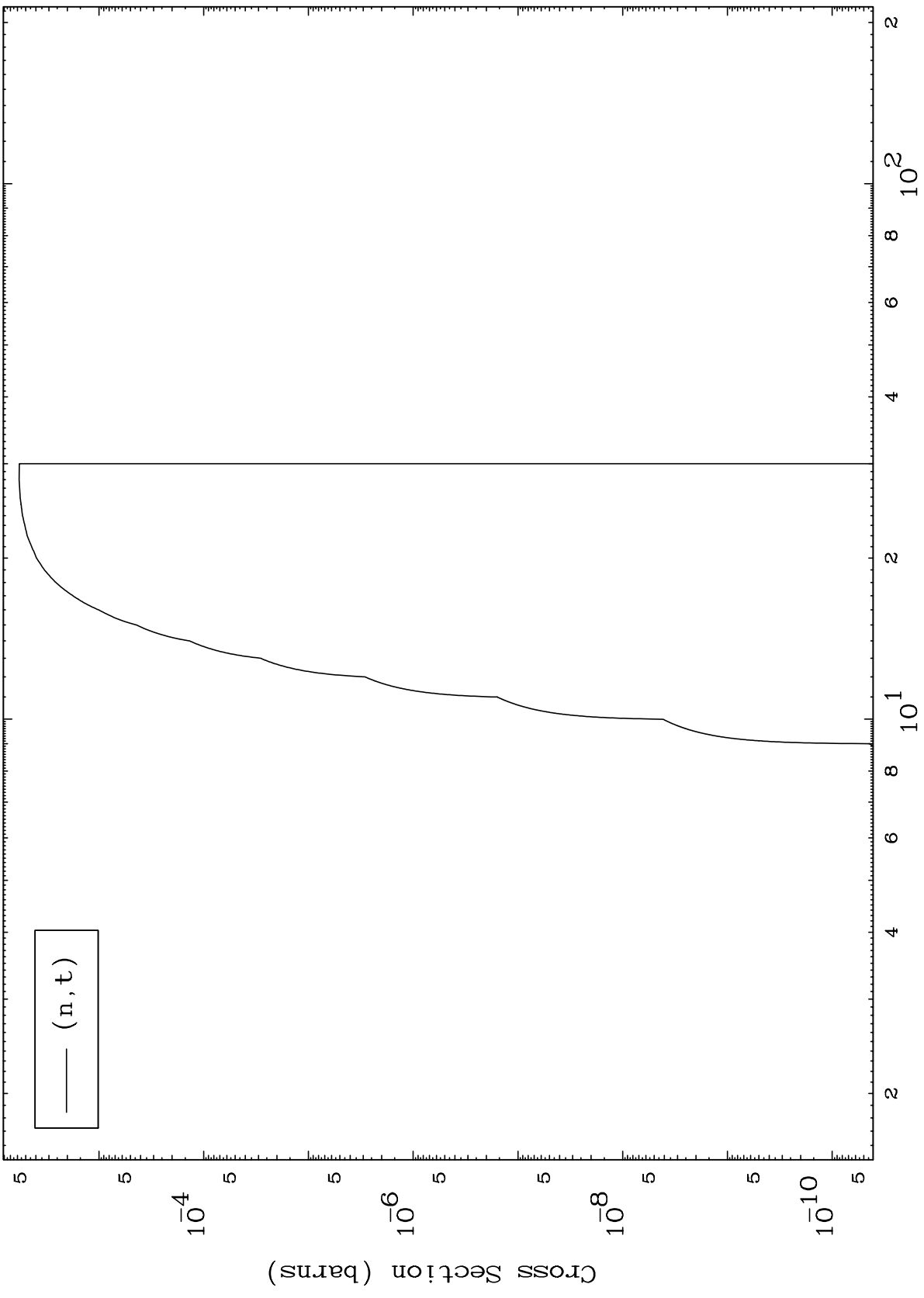


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(d, t) Levels

103-Lr-253m

0 Kelvin Cross Sections



8

Incident Energy (MeV)

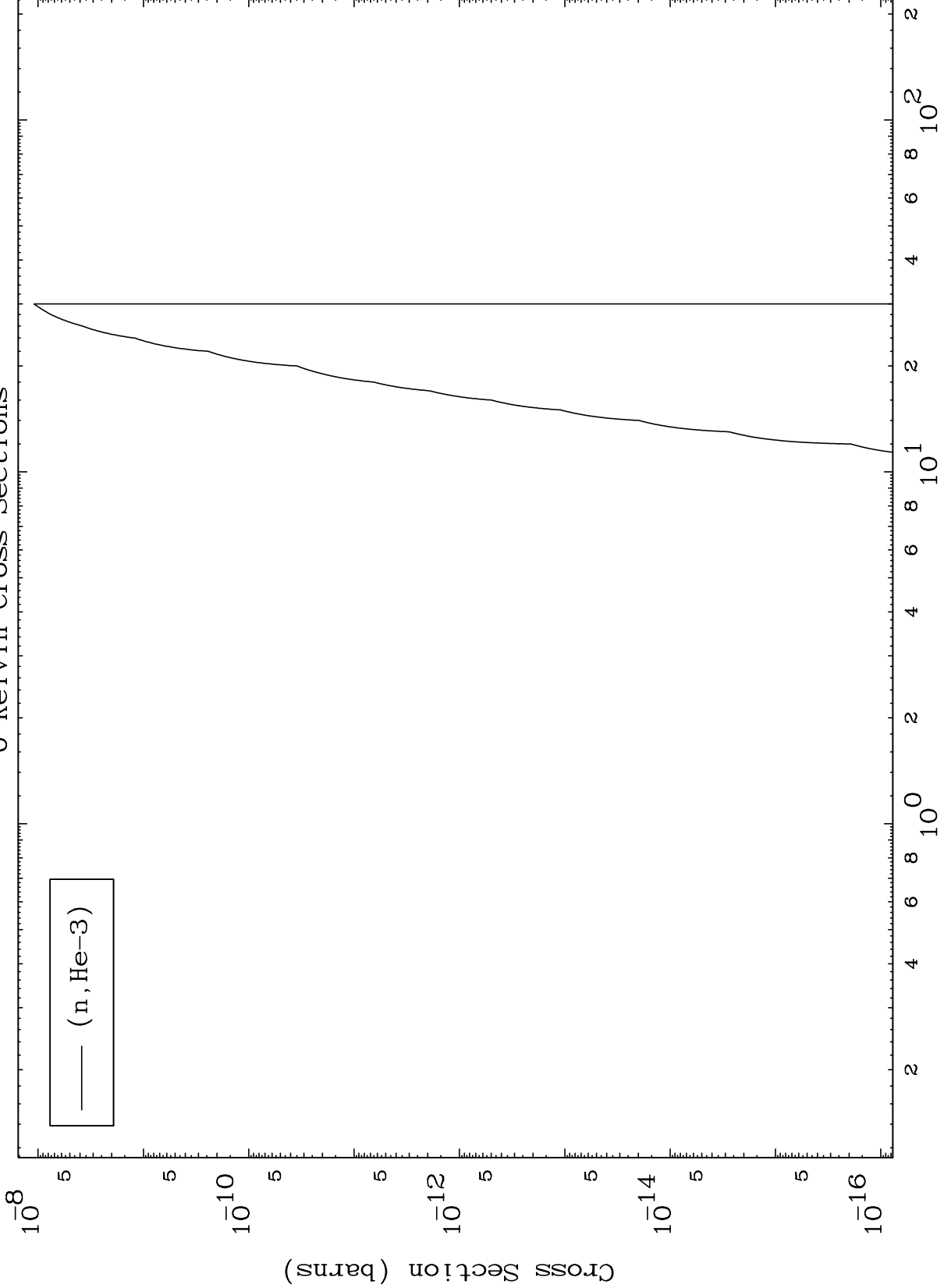
103-Lr-253m

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(d,He3) Levels

103-Lr-253m

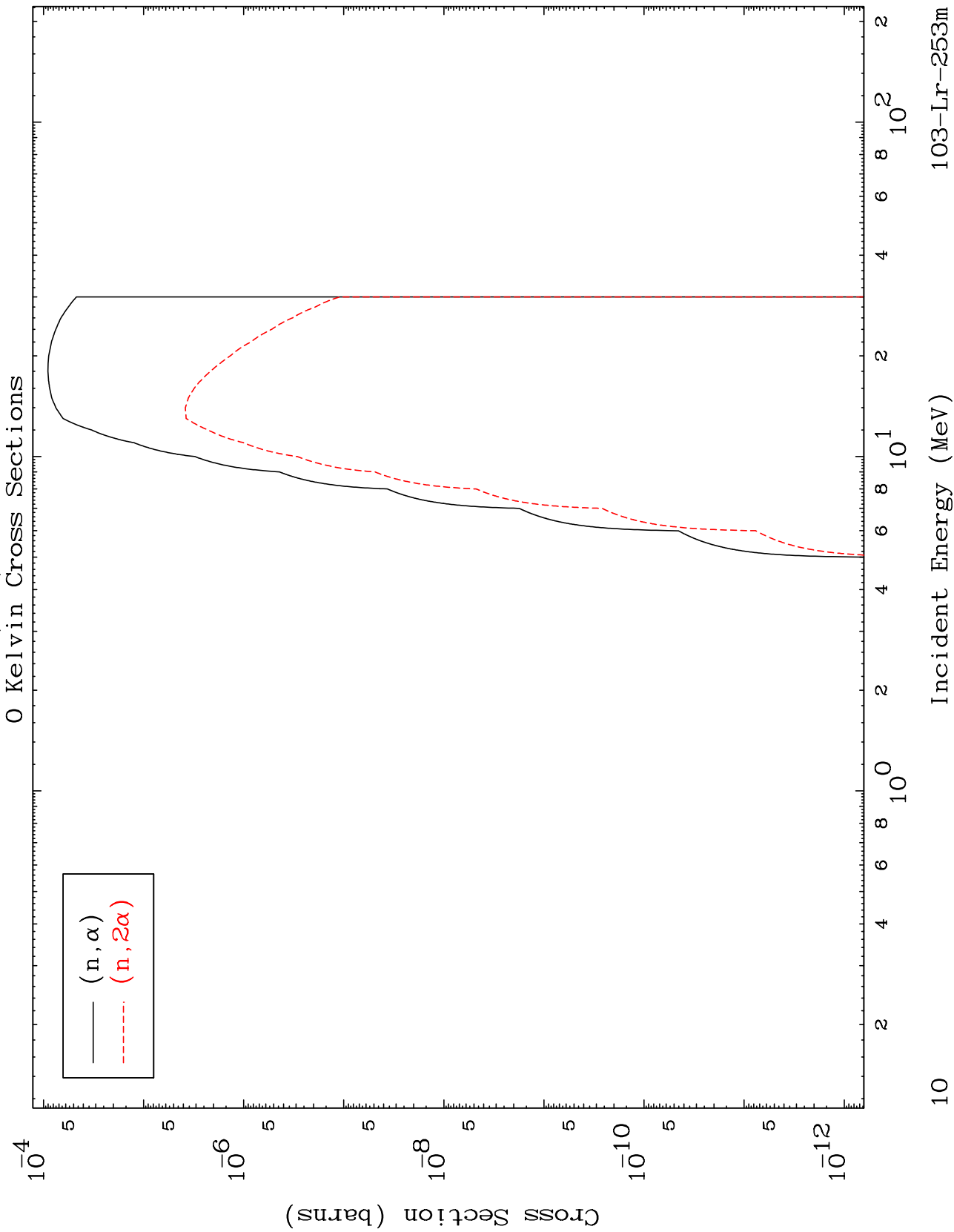
0 Kelvin Cross Sections



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(d,  $\alpha$ ) Levels

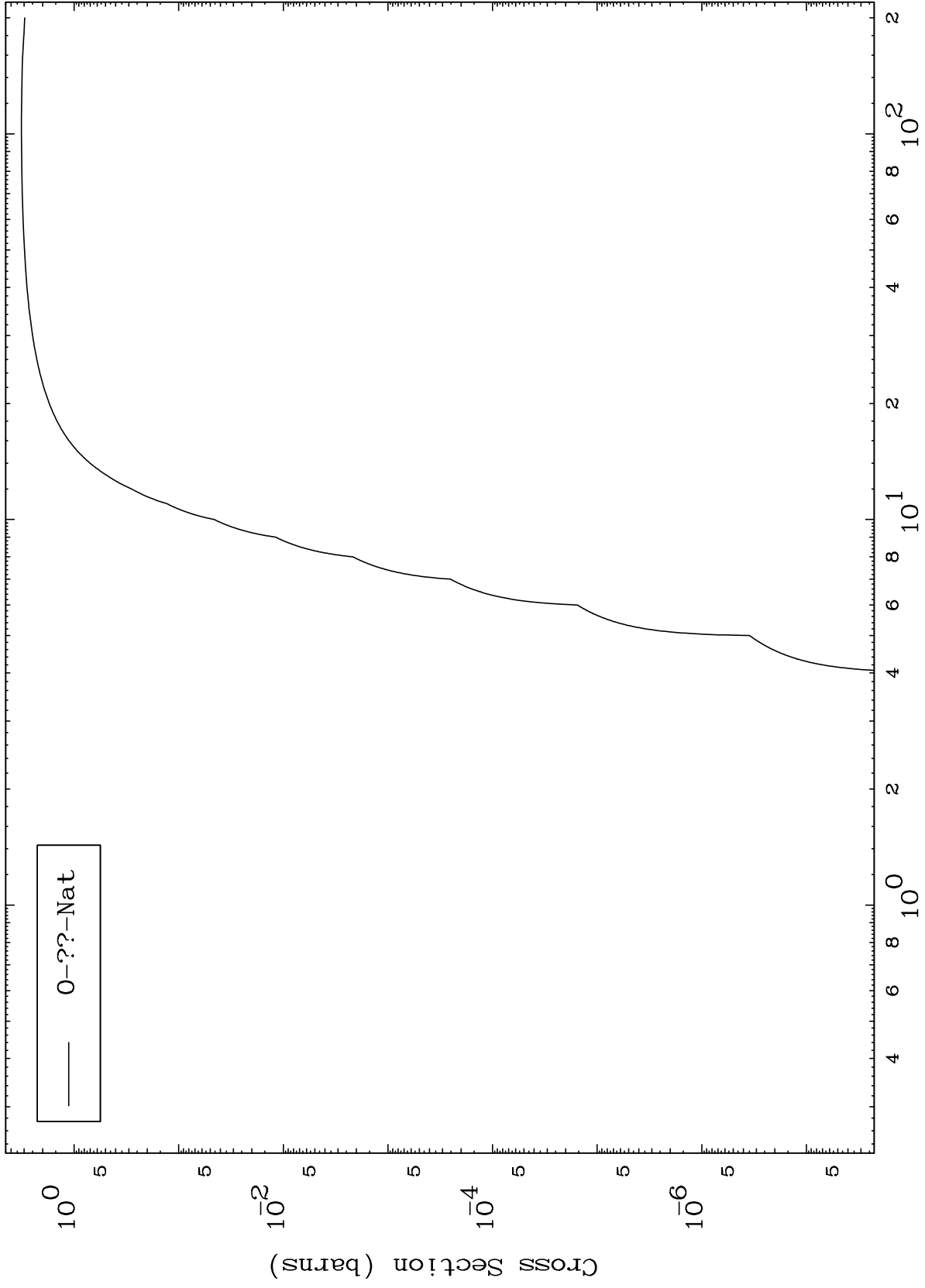
103-Lr-253m



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103-Lr-253m

Fission  
Radionuclide Production Cross Section



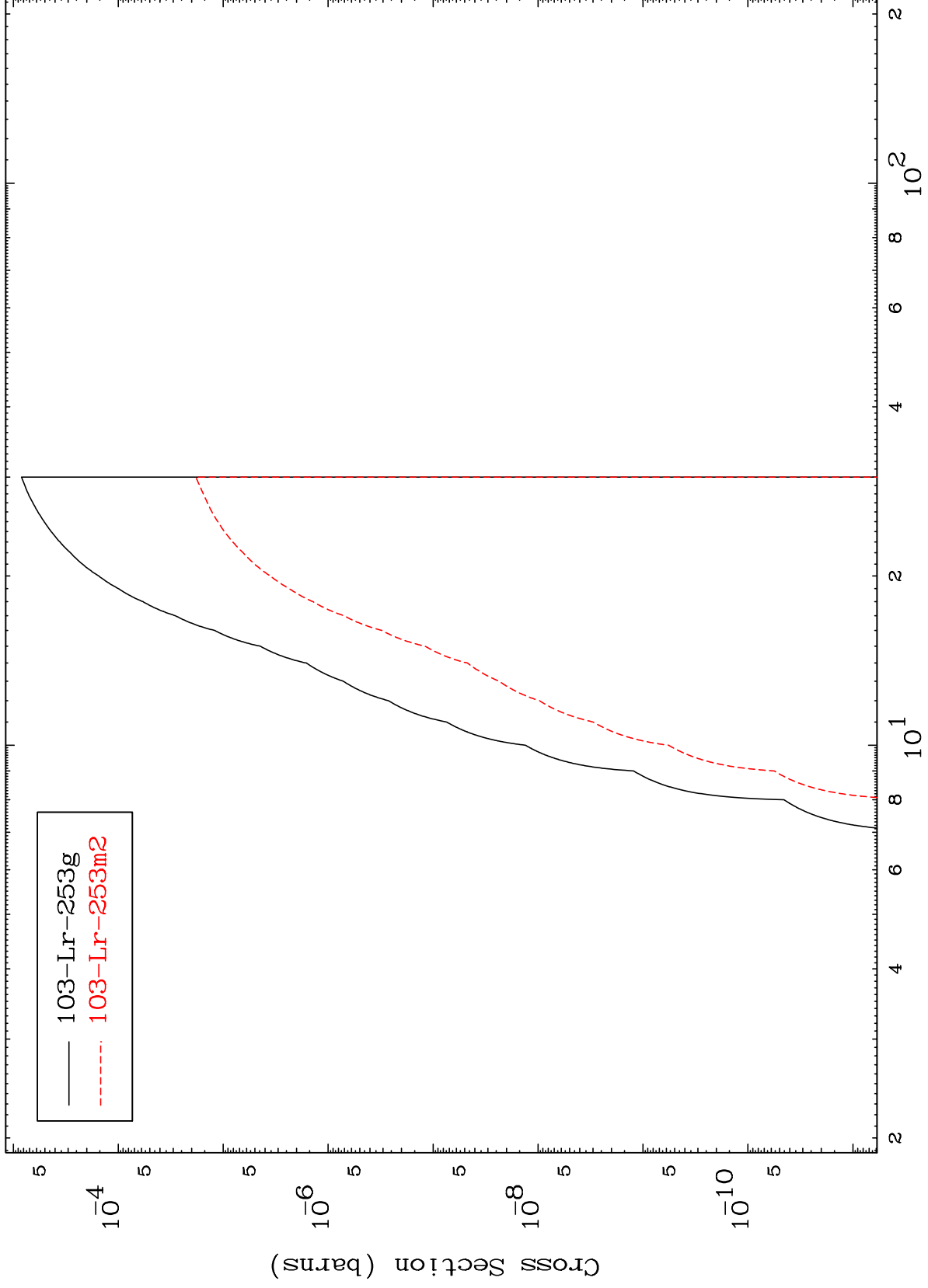
103-Lr-253m

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(n,n') p

103-Lr-253m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

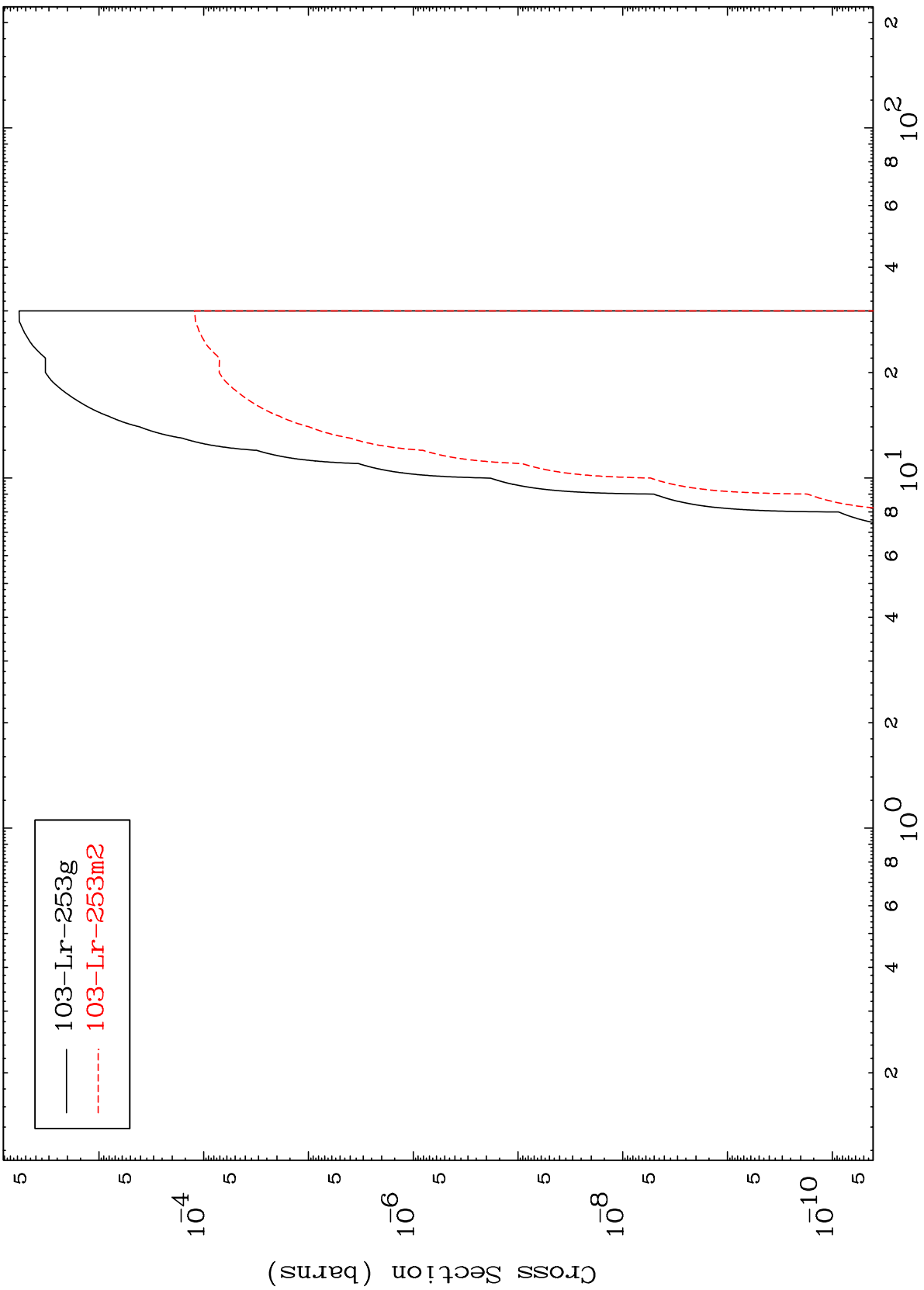
103-Lr-253m

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(n, d)

103-Lr-253m

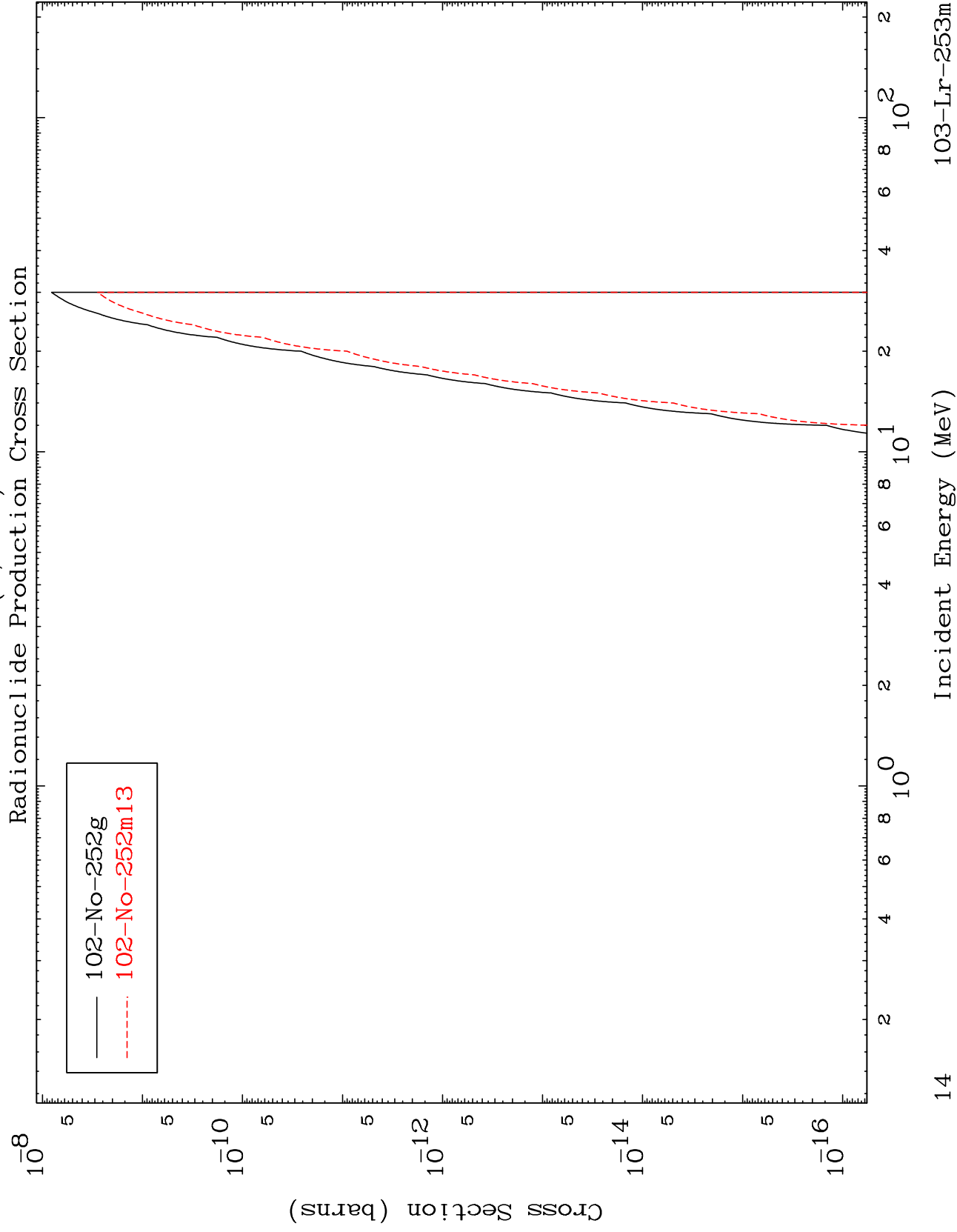
Radionuclide Production Cross Section



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(n,He-3)

103-Lr-253m

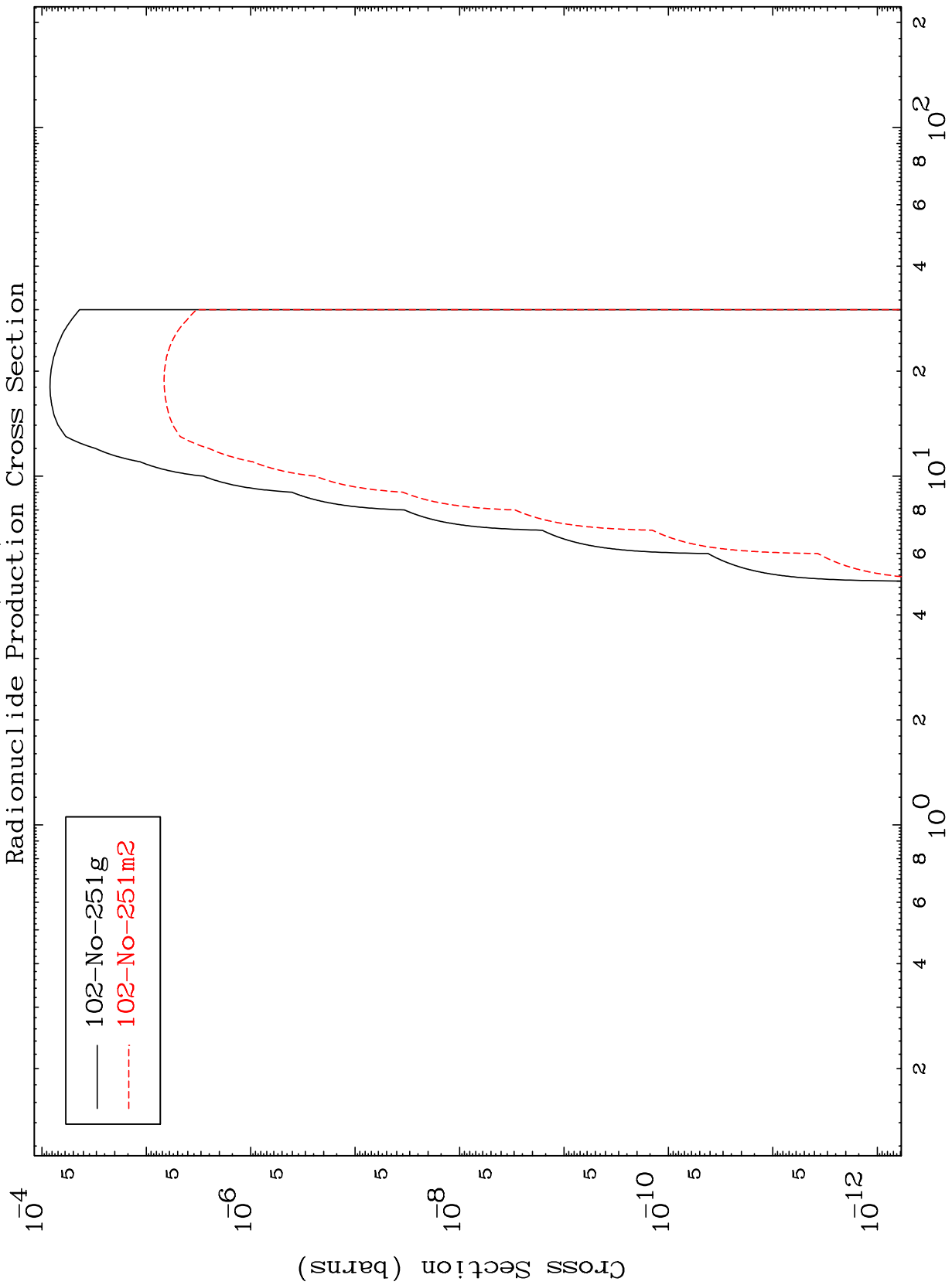


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103-Lr-253m

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



103-Lr-253m

Incident Energy (MeV)

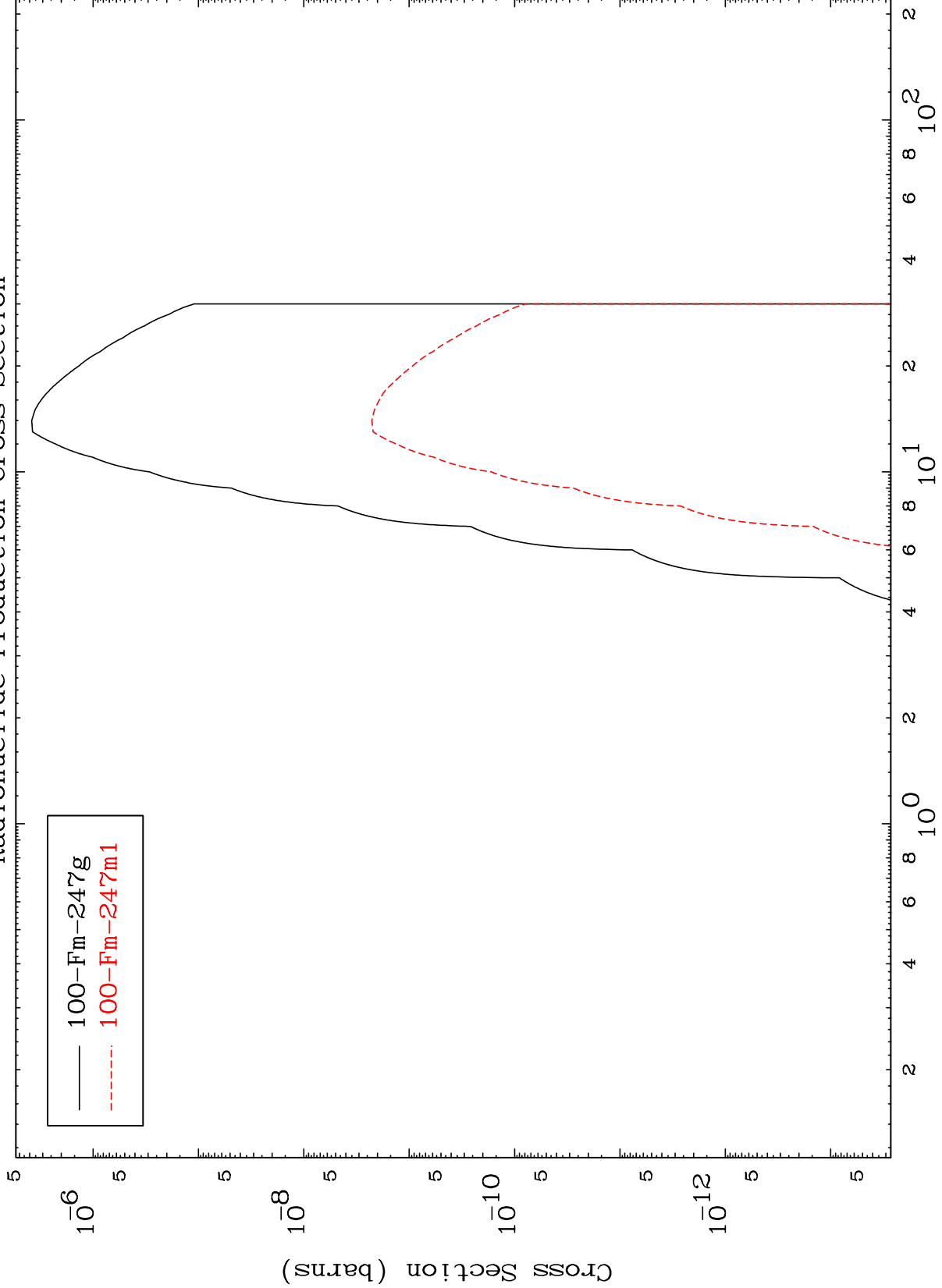
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(n,2α)

103-Lr-253m

Radionuclide Production Cross Section



— 100-Fm-247g  
- - - 100-Fm-247m1

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(n,d)  $\alpha$

103-Lr-253m

Radionuclide Production Cross Section

