

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

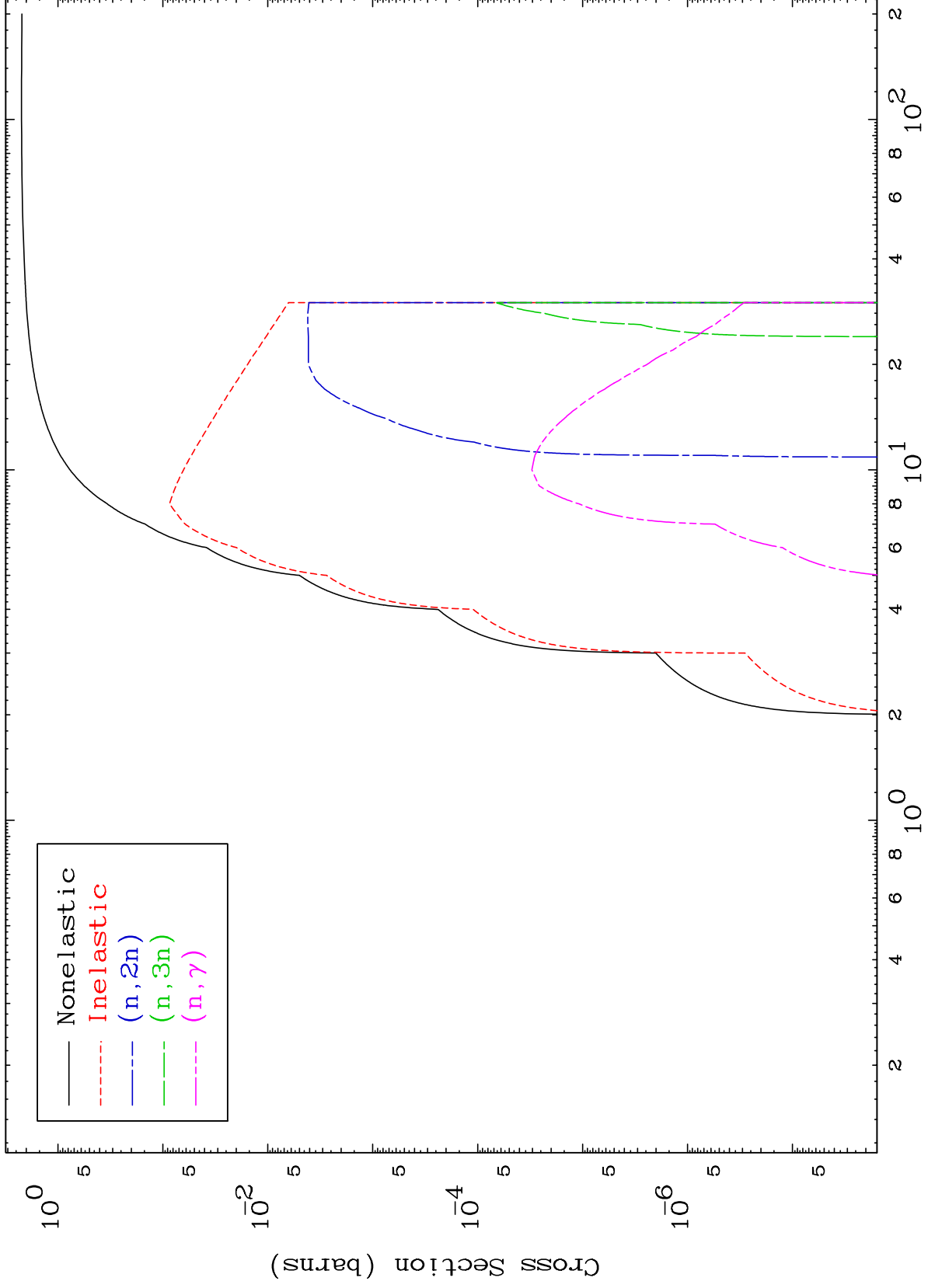
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Web:redcullen1.net/HOMEPAGE.NEW

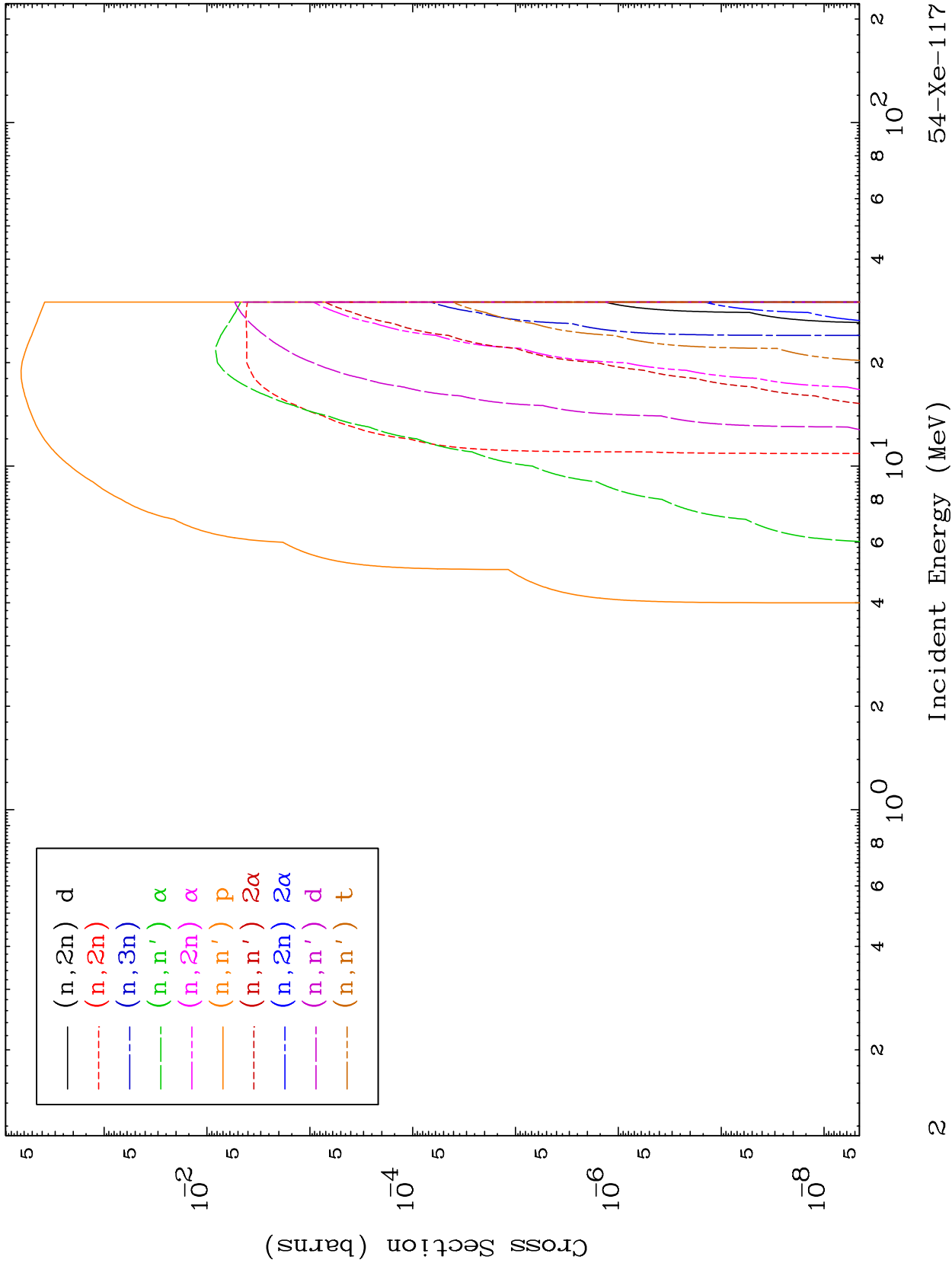
Press Mouse Button to Start

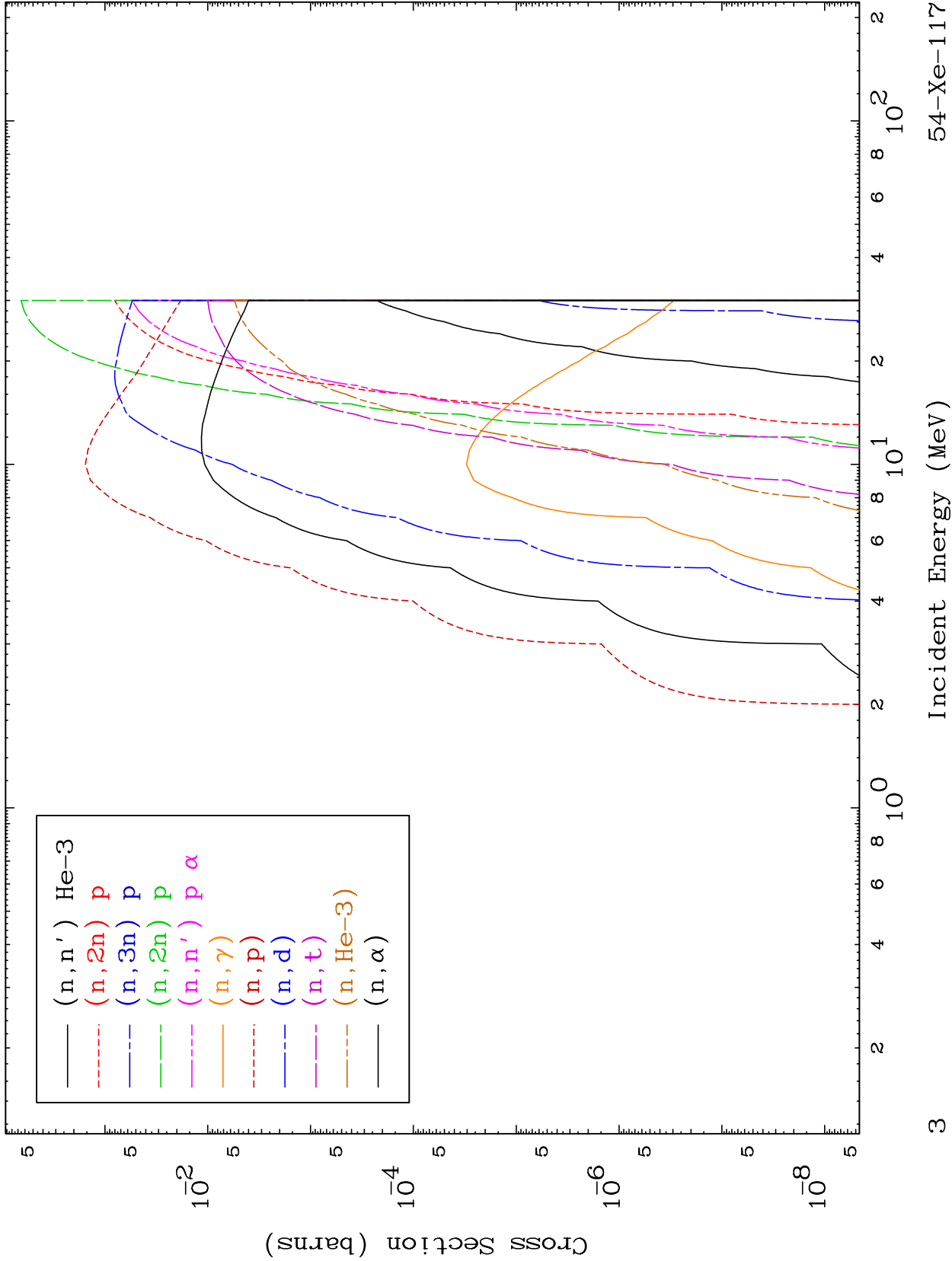


MAT 5404

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-117

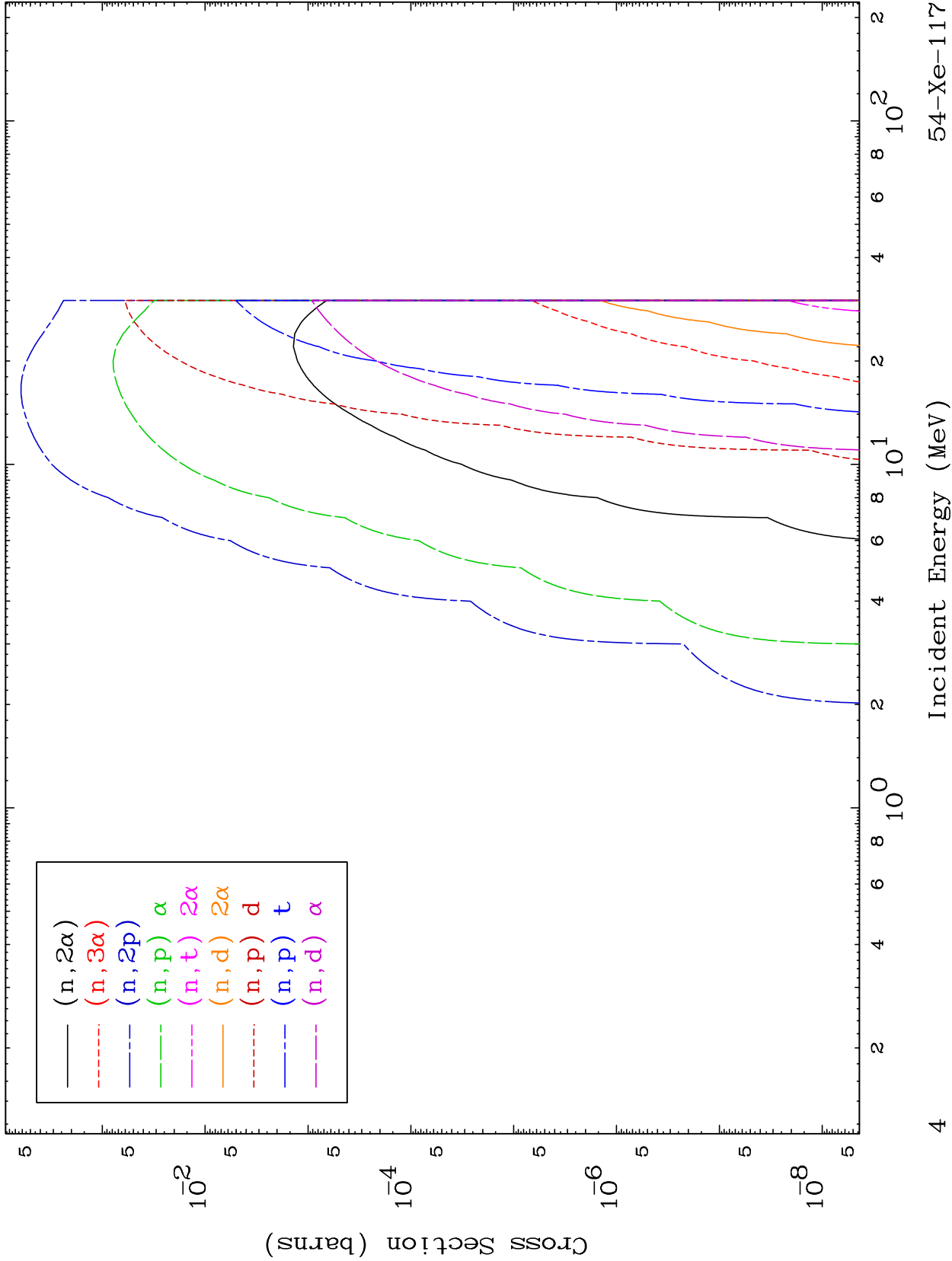




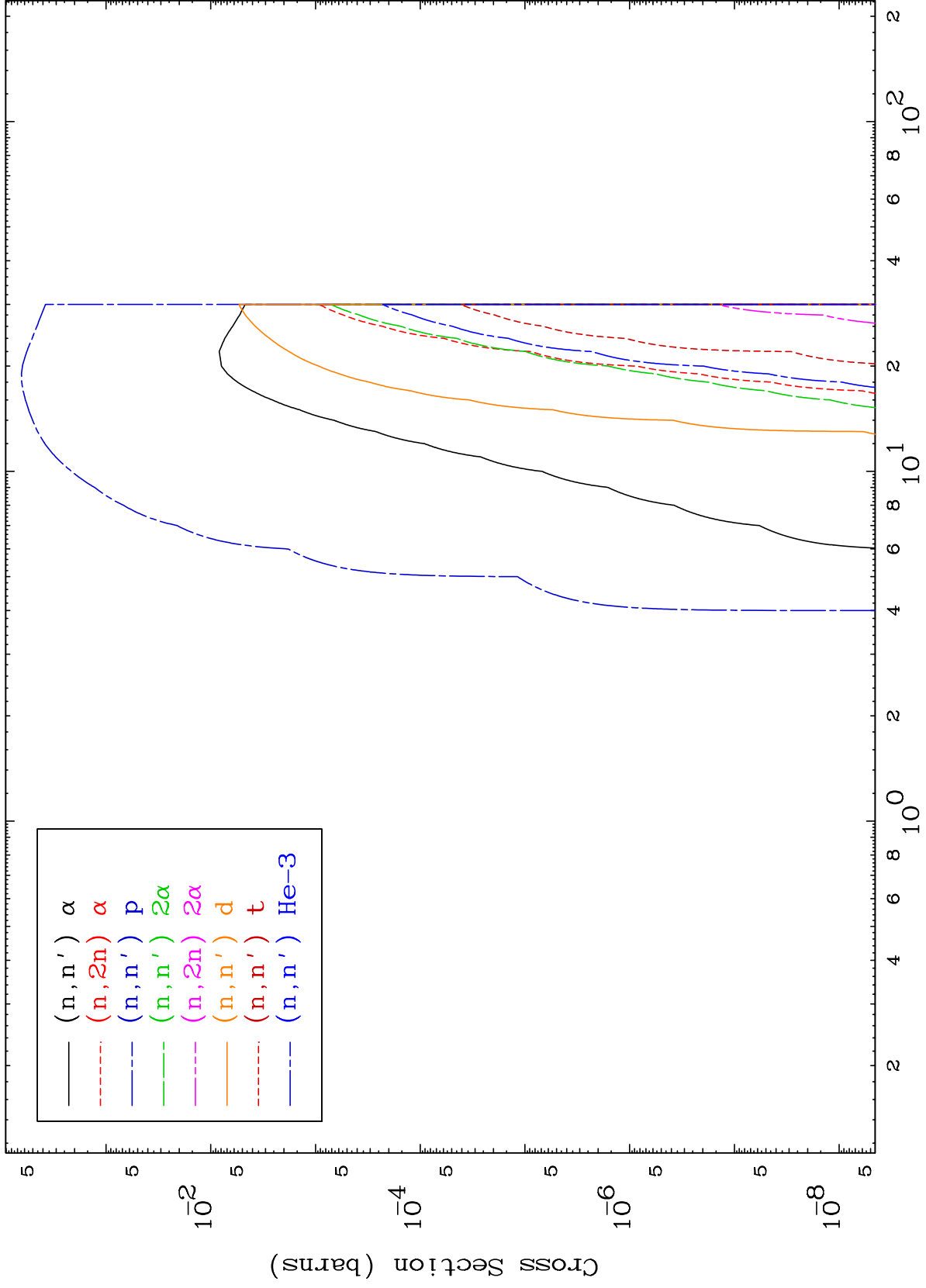
MAT 5404

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-117



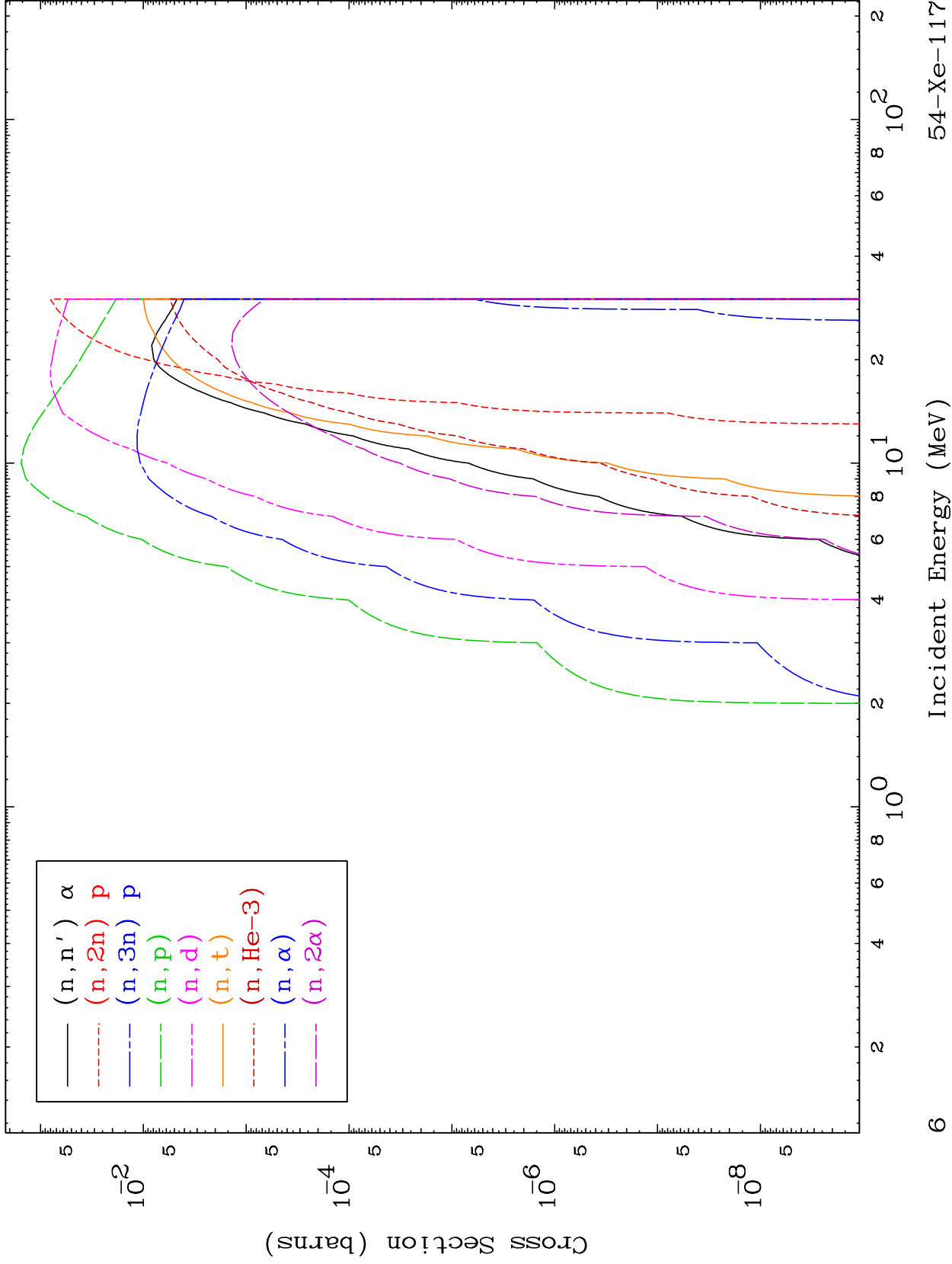
54-Xe-117



MAT 5404

Deuteron Charged Particle  
0 Kelvin Cross Sections

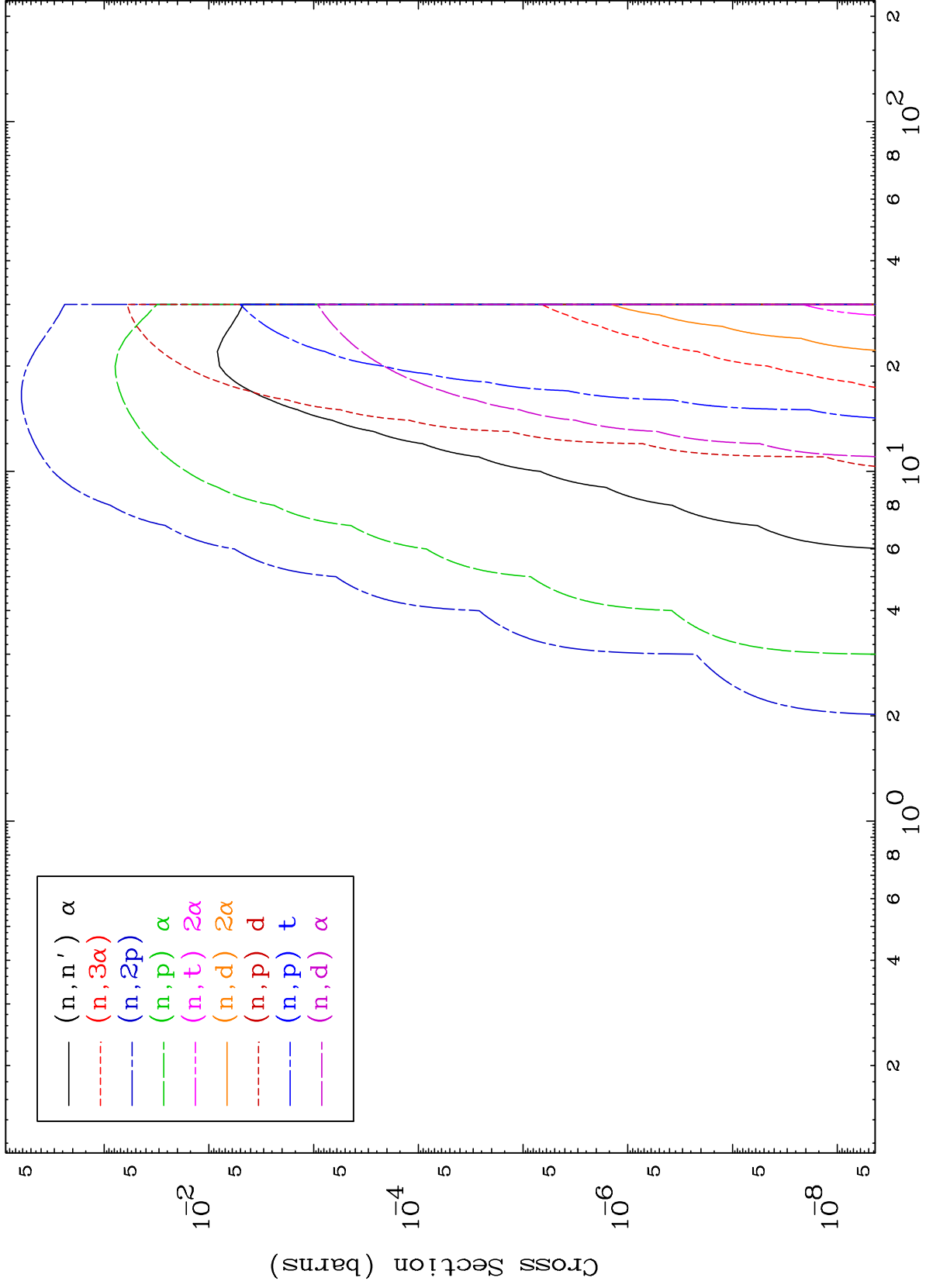
54-Xe-117



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Deuteron Charged Particle  
0 Kelvin Cross Sections

54-Xe-117

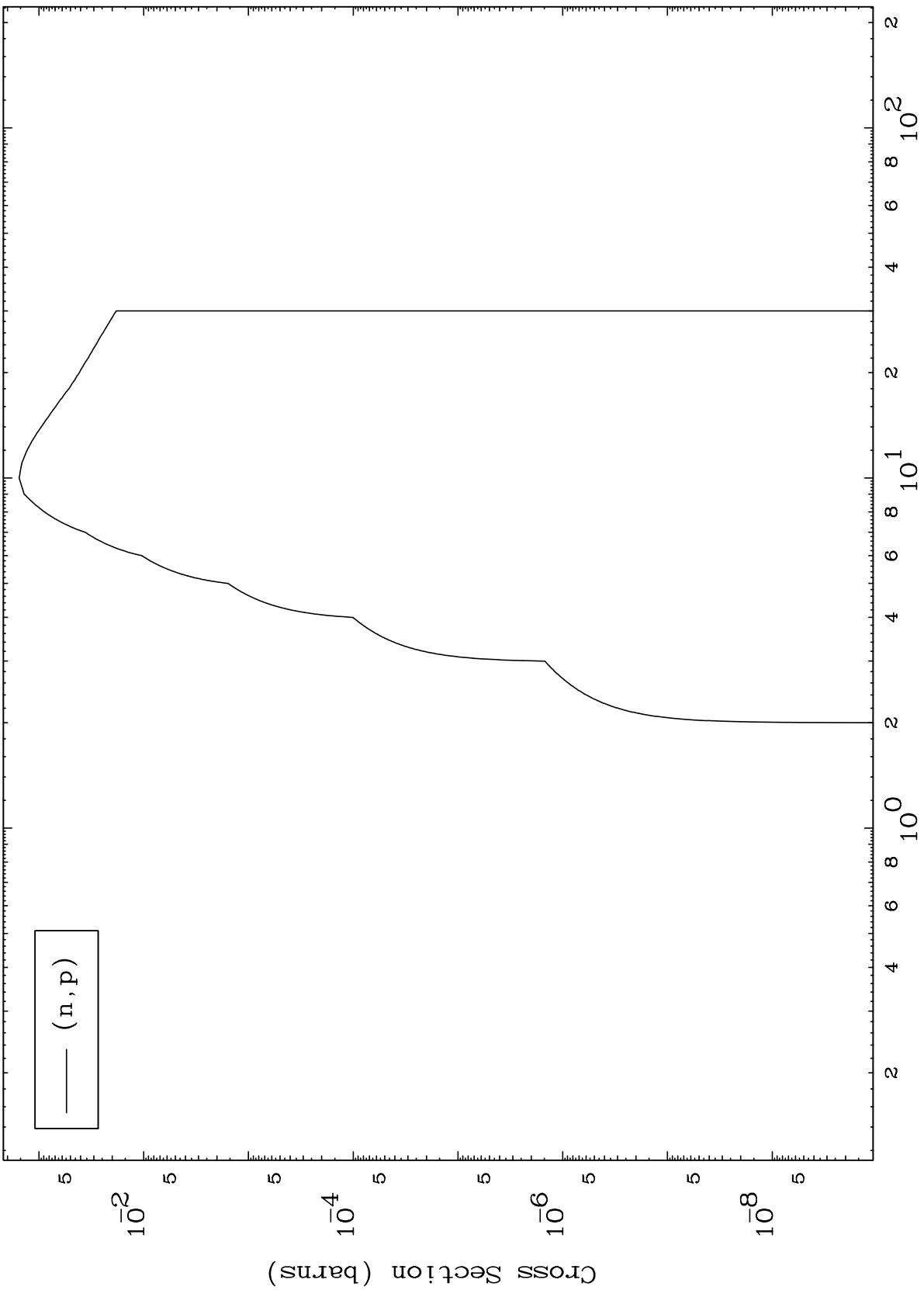




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54-Xe-117

(d,p) Levels  
0 Kelvin Cross Sections

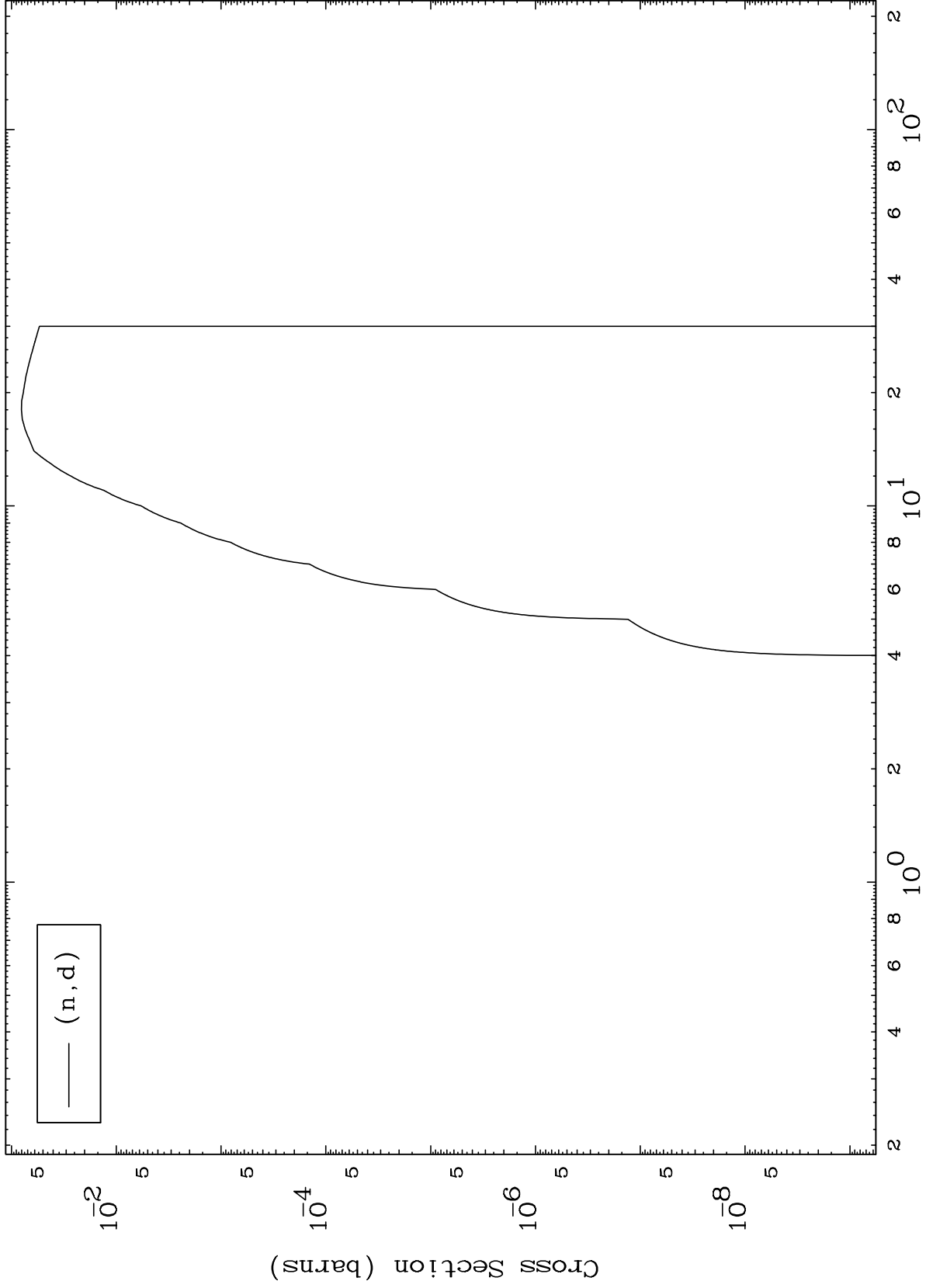


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(d,d) Levels

54-Xe-117

0 Kelvin Cross Sections



9

Incident Energy (MeV)

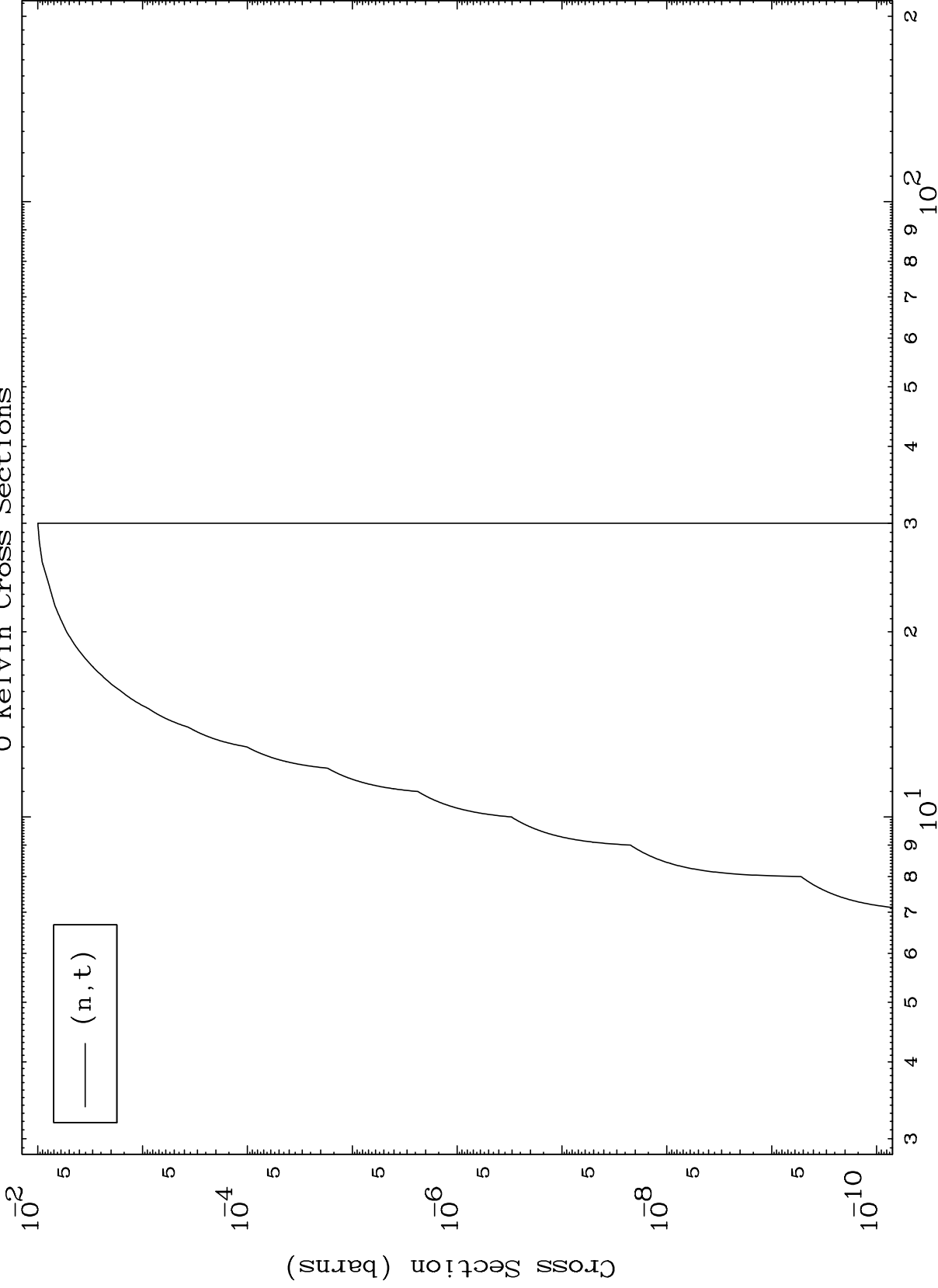
54-Xe-117

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(d,t) Levels

54-Xe-117

0 Kelvin Cross Sections



10

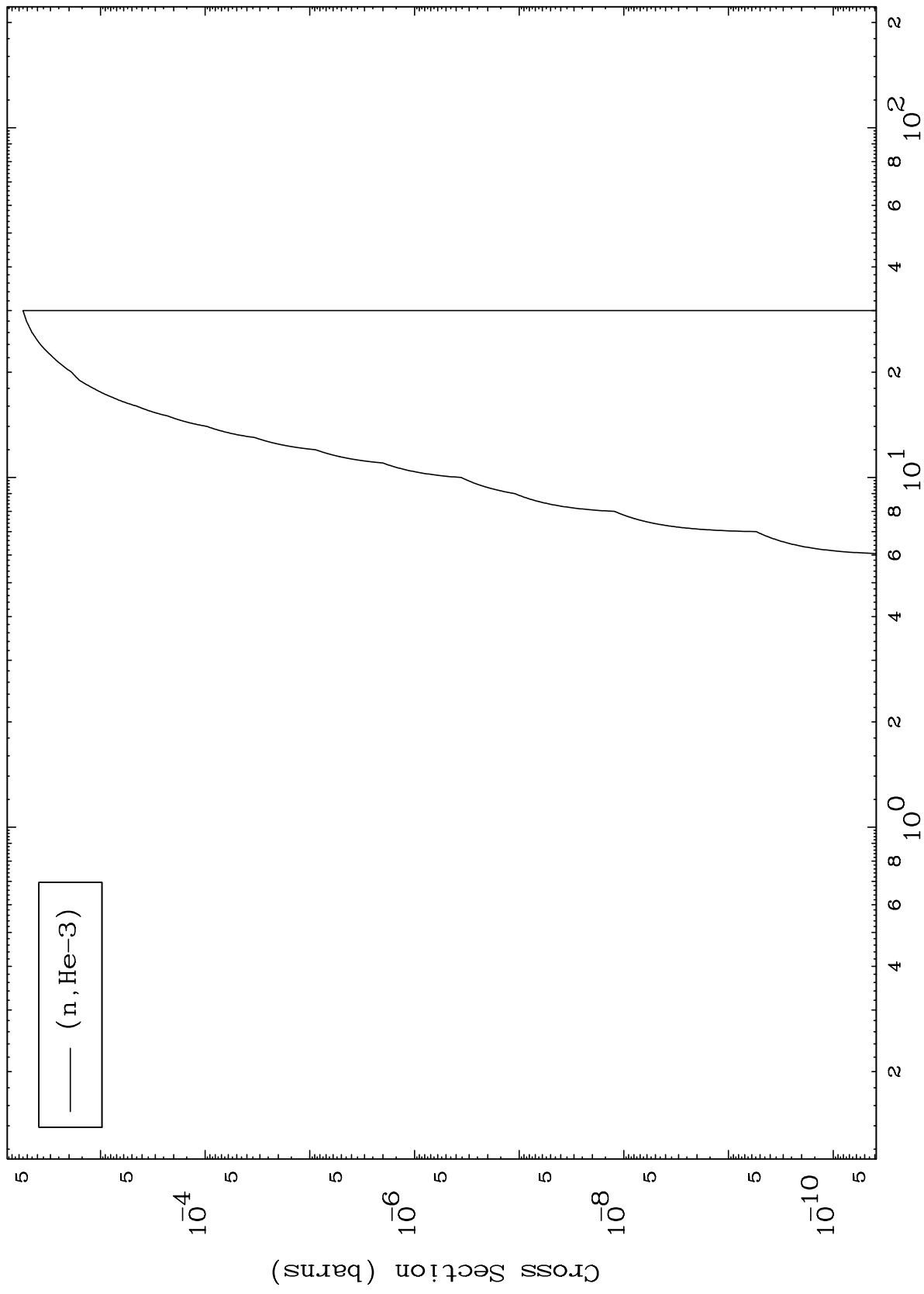
Incident Energy (MeV)

54-Xe-117

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54-Xe-117

(d,He3) Levels  
0 Kelvin Cross Sections



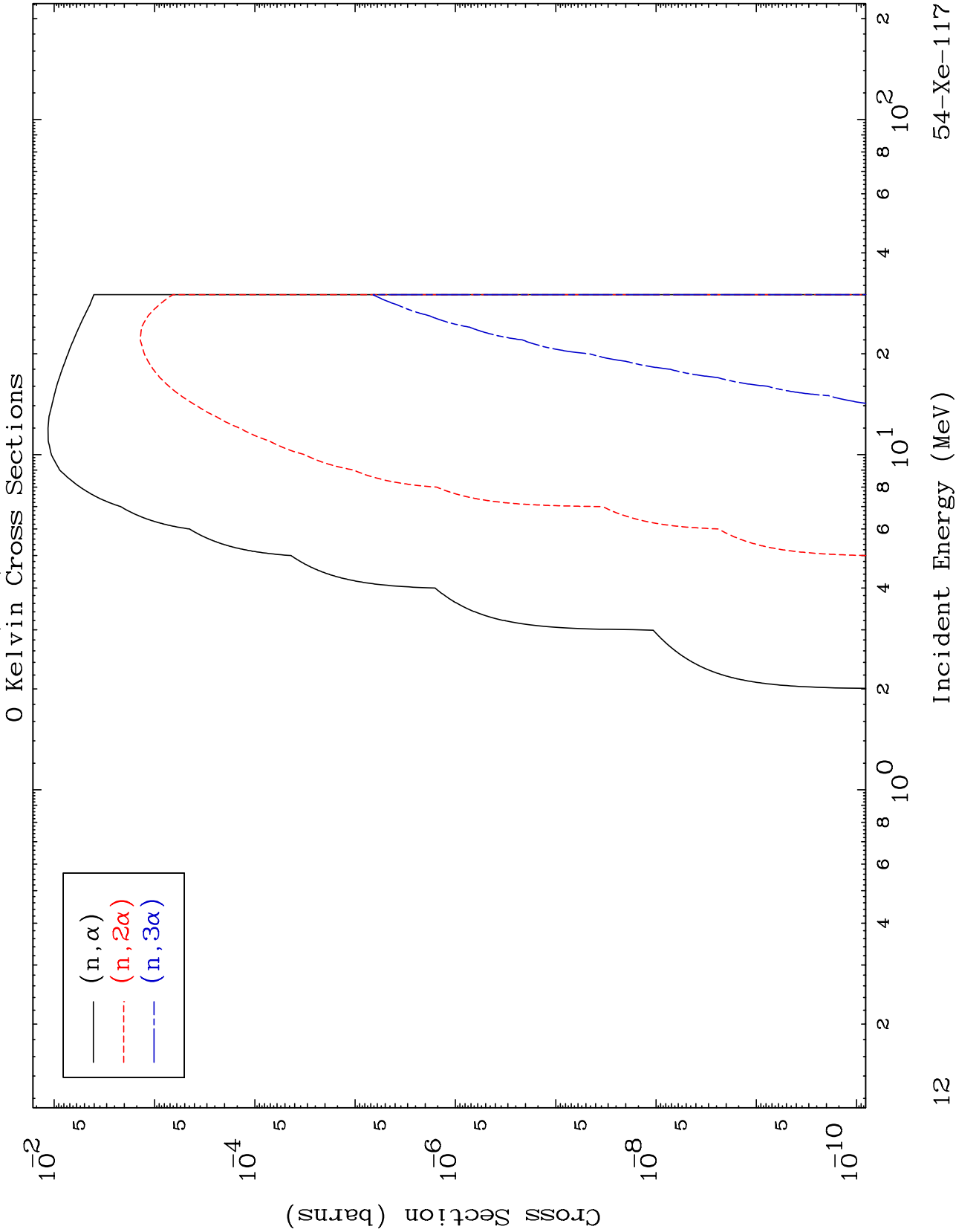
11

54-Xe-117

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(d,  $\alpha$ ) Levels

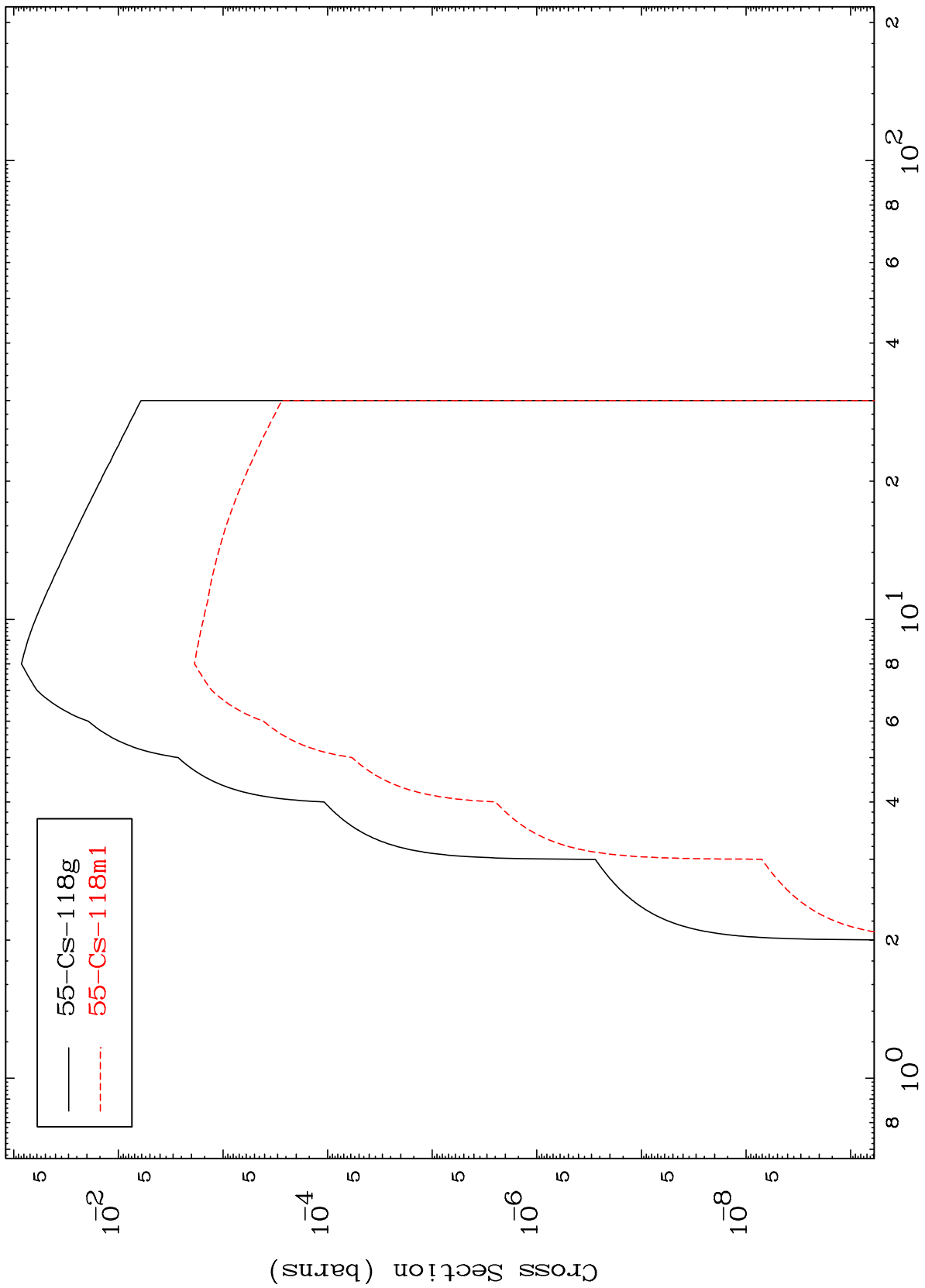
54-Xe-117



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54-Xe-117

Inelastic  
Radionuclide Production Cross Section



13

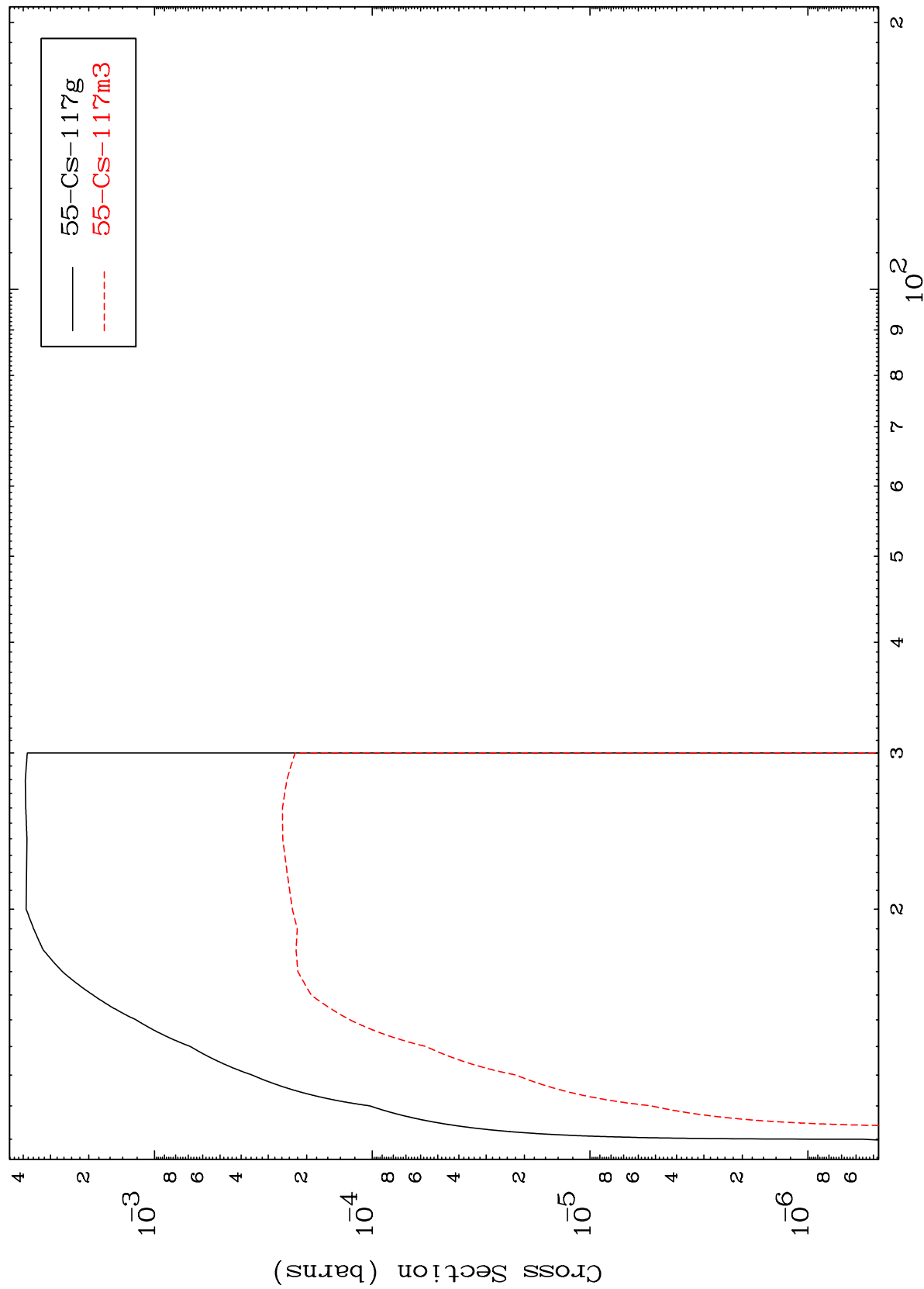
54-Xe-117

Incident Energy (MeV)

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54-Xe-117

(n,2n)  
Radionuclide Production Cross Section



54-Xe-117

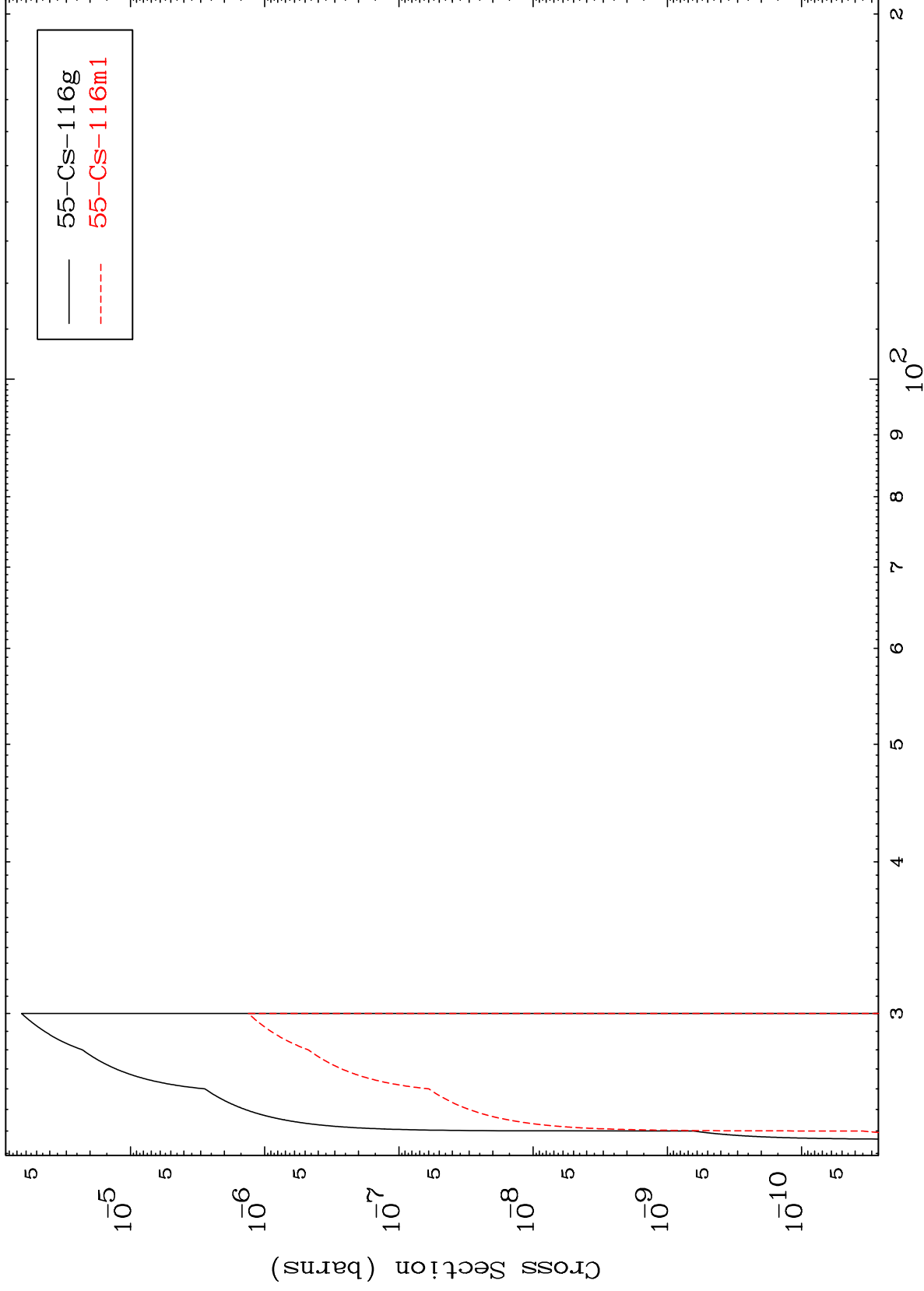
Incident Energy (MeV)

14

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54-Xe-117

(n,3n)  
Radionuclide Production Cross Section



54-Xe-117

Incident Energy (MeV)

15

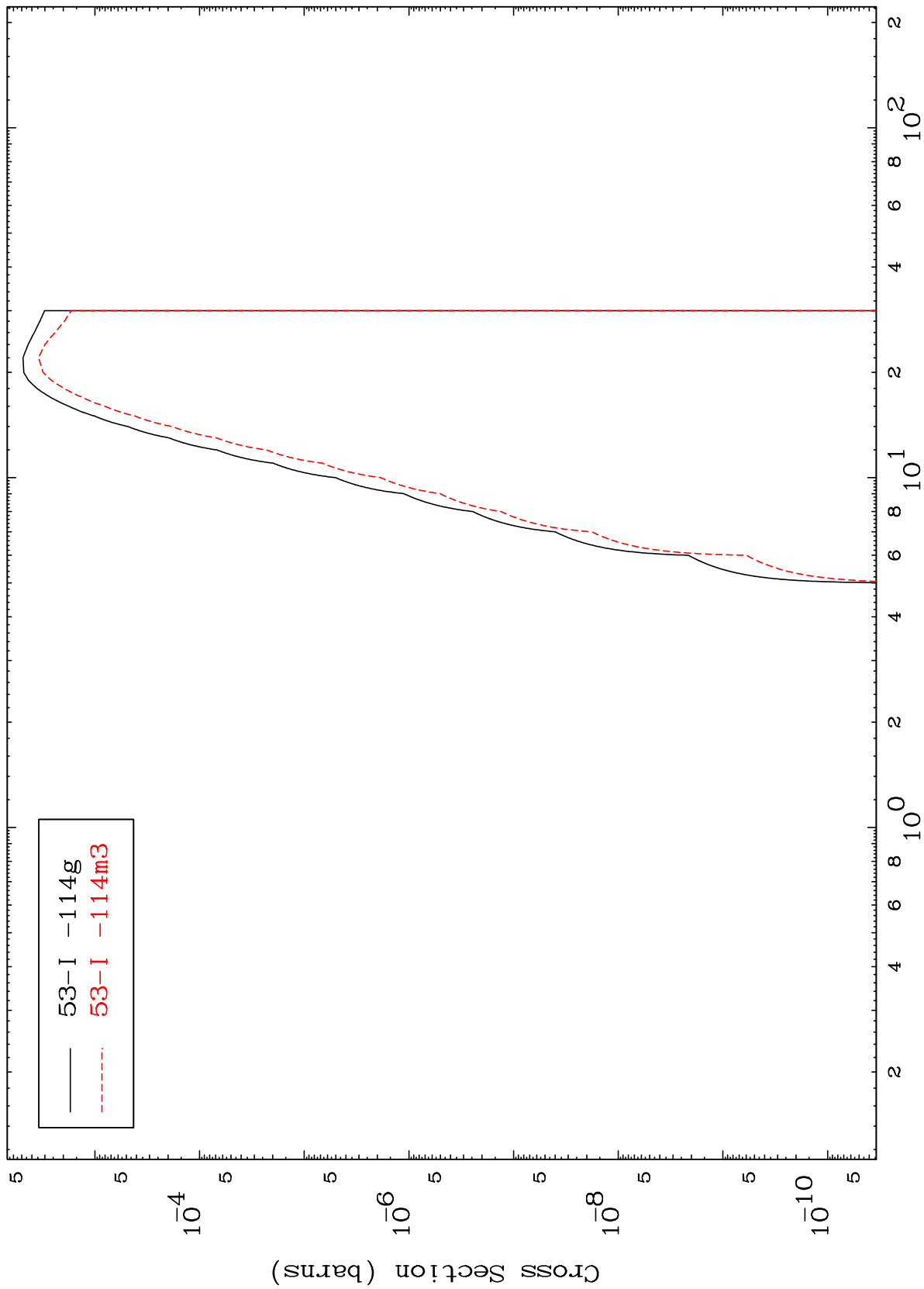


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54-Xe-117

(n,n')  $\alpha$

Radionuclide Production Cross Section



54-Xe-117

Incident Energy (MeV)

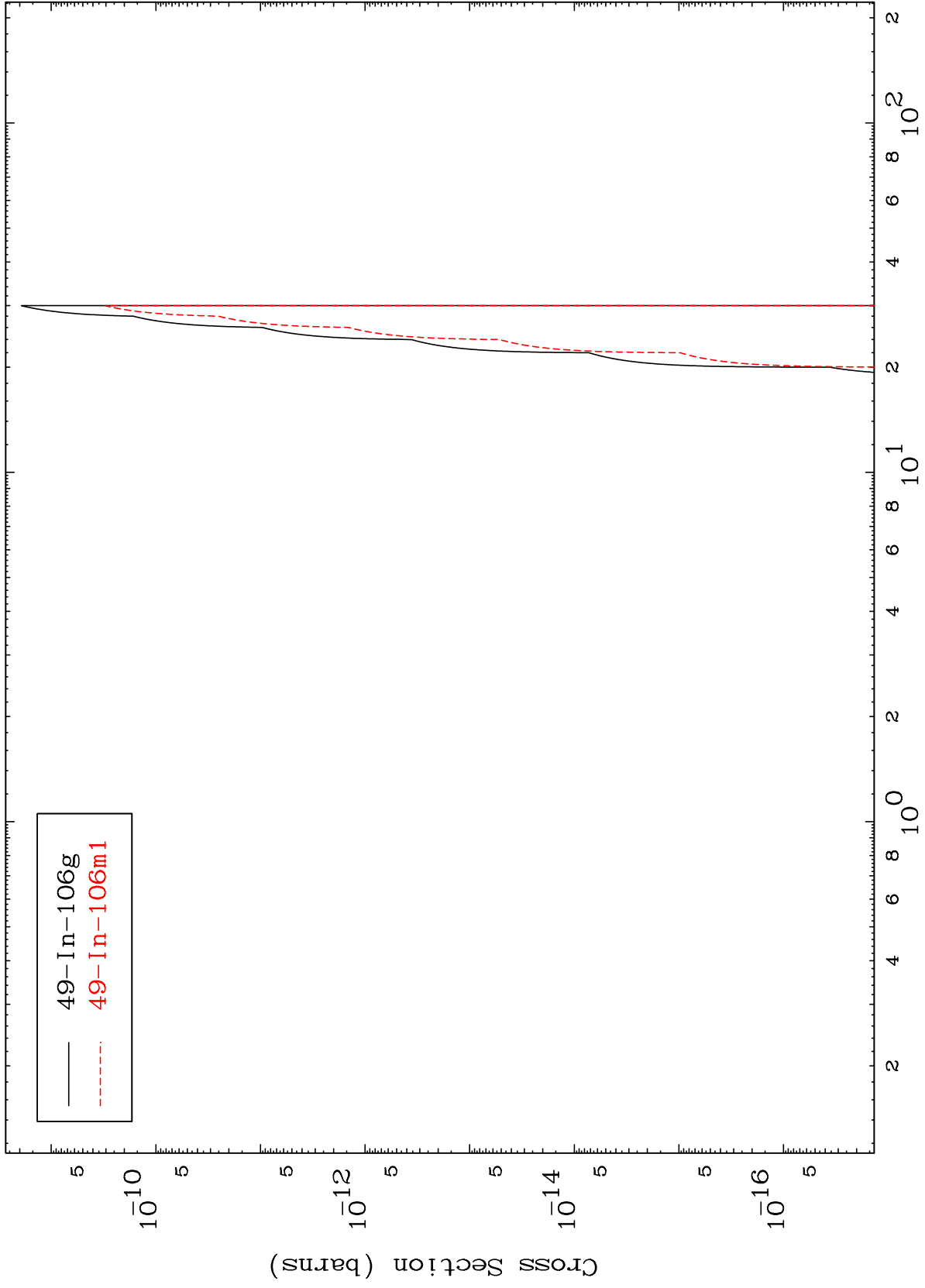
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(n,n') 3 $\alpha$

54-Xe-117

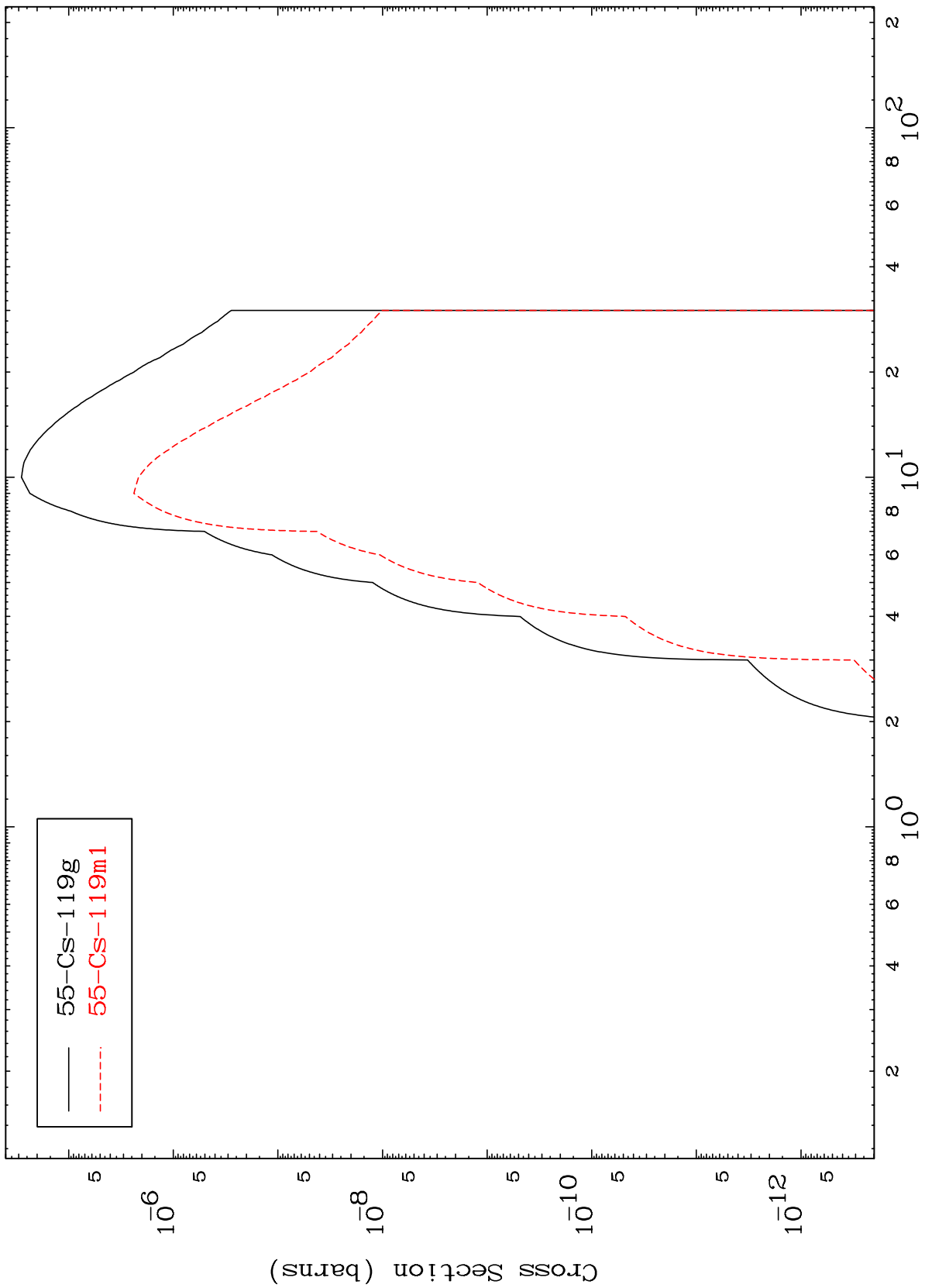
Radionuclide Production Cross Section



MAT 5404

54-Xe-117

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



55-Cs-119g  
55-Cs-119m1

54-Xe-117

Incident Energy (MeV)

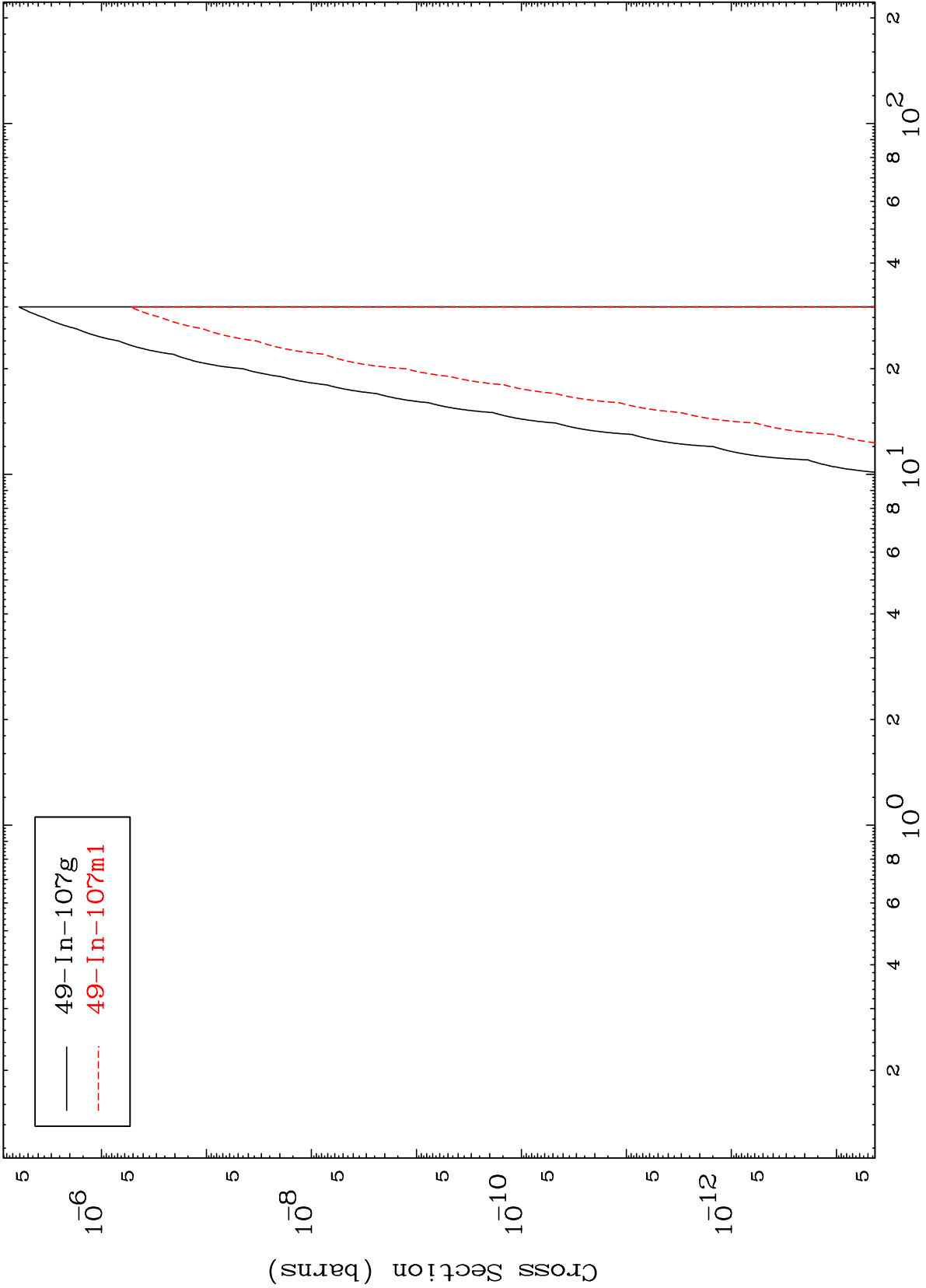
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MAT 5404

(n, 3α)

54-Xe-117

Radionuclide Production Cross Section



— 49-In-107g  
- - - 49-In-107m1