

Program EVALPLOT  
(Version 2021-1)

by

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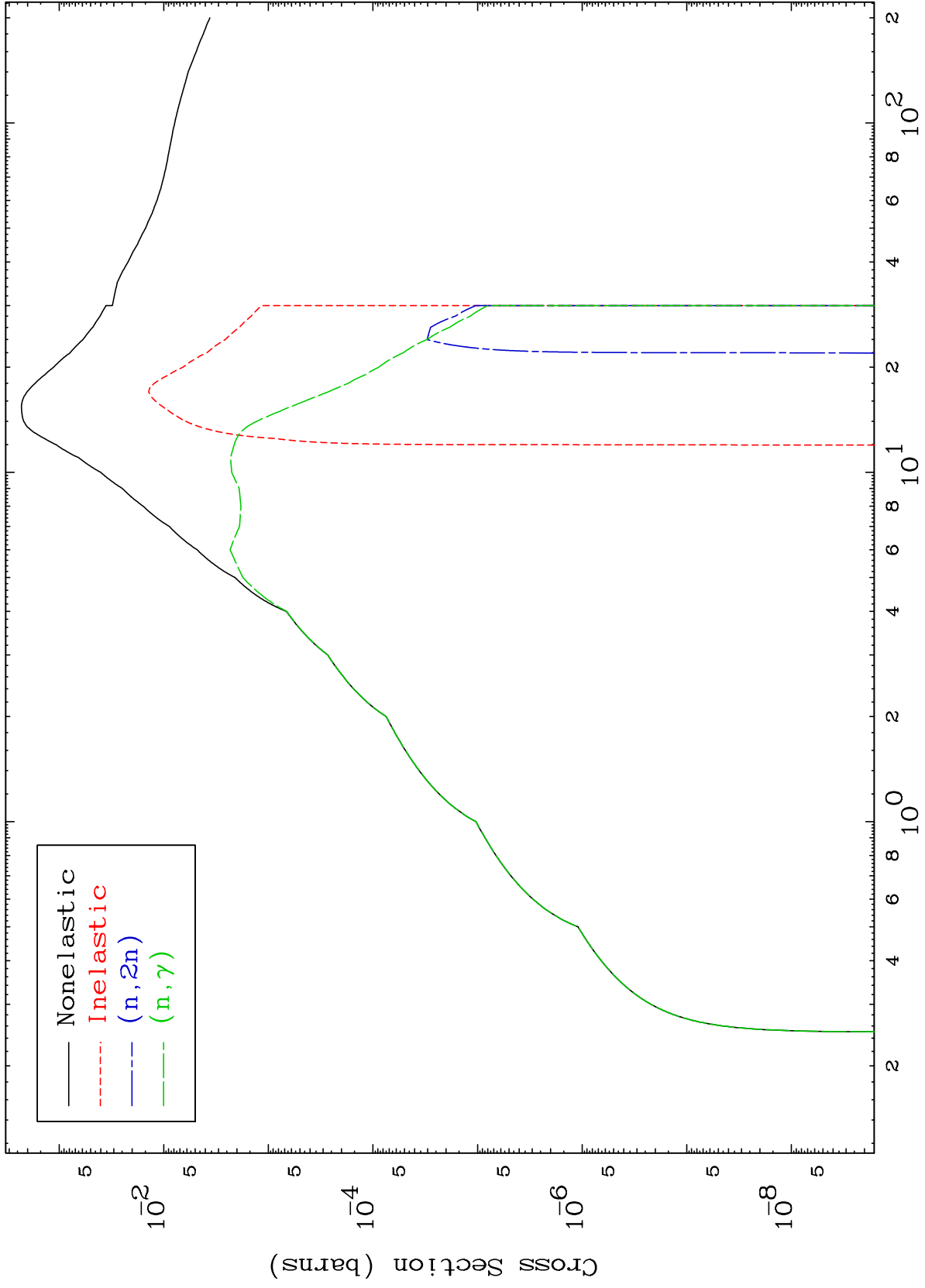
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5483

Photon Major  
0 Kelvin Cross Sections

55-Cs-119



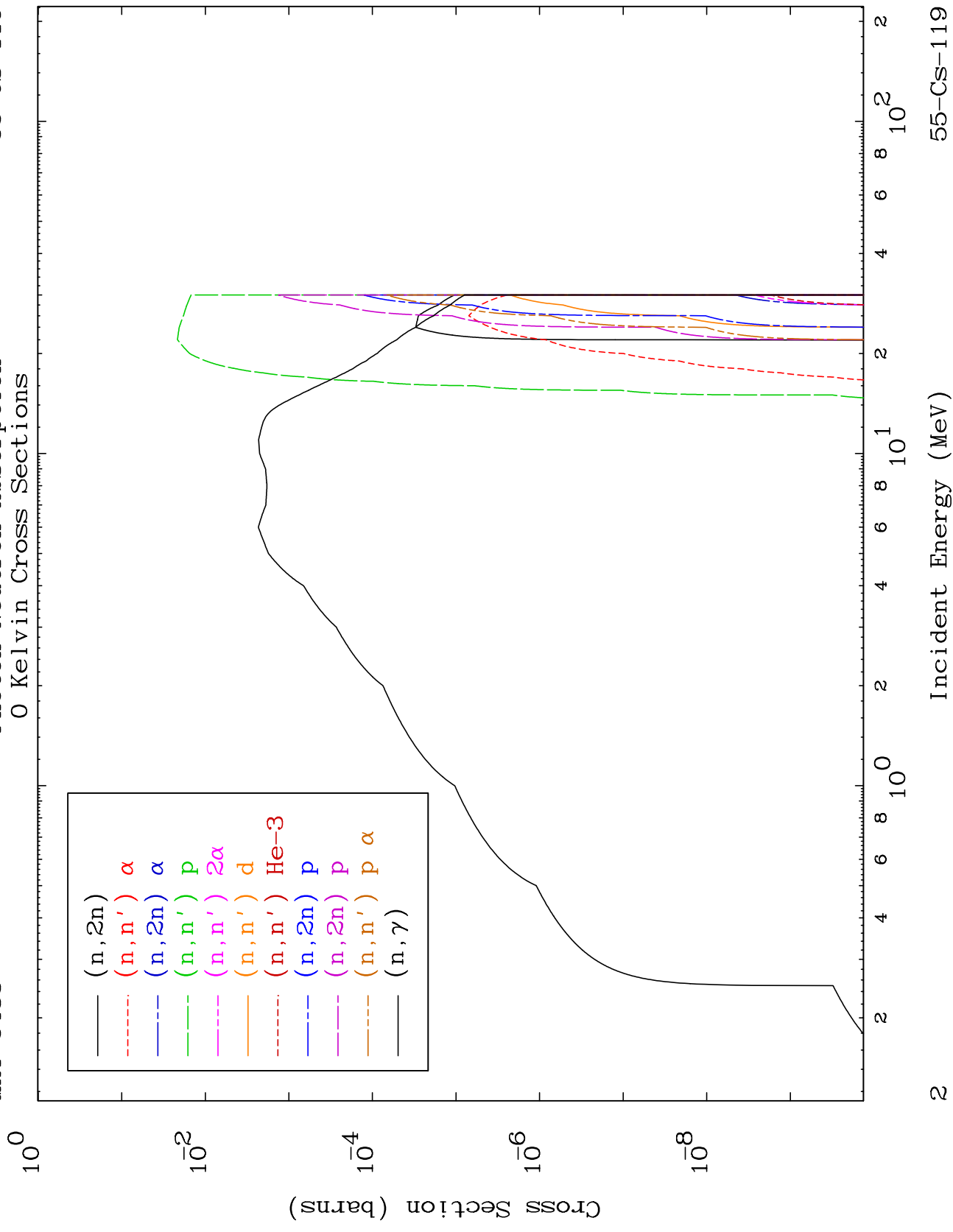
1

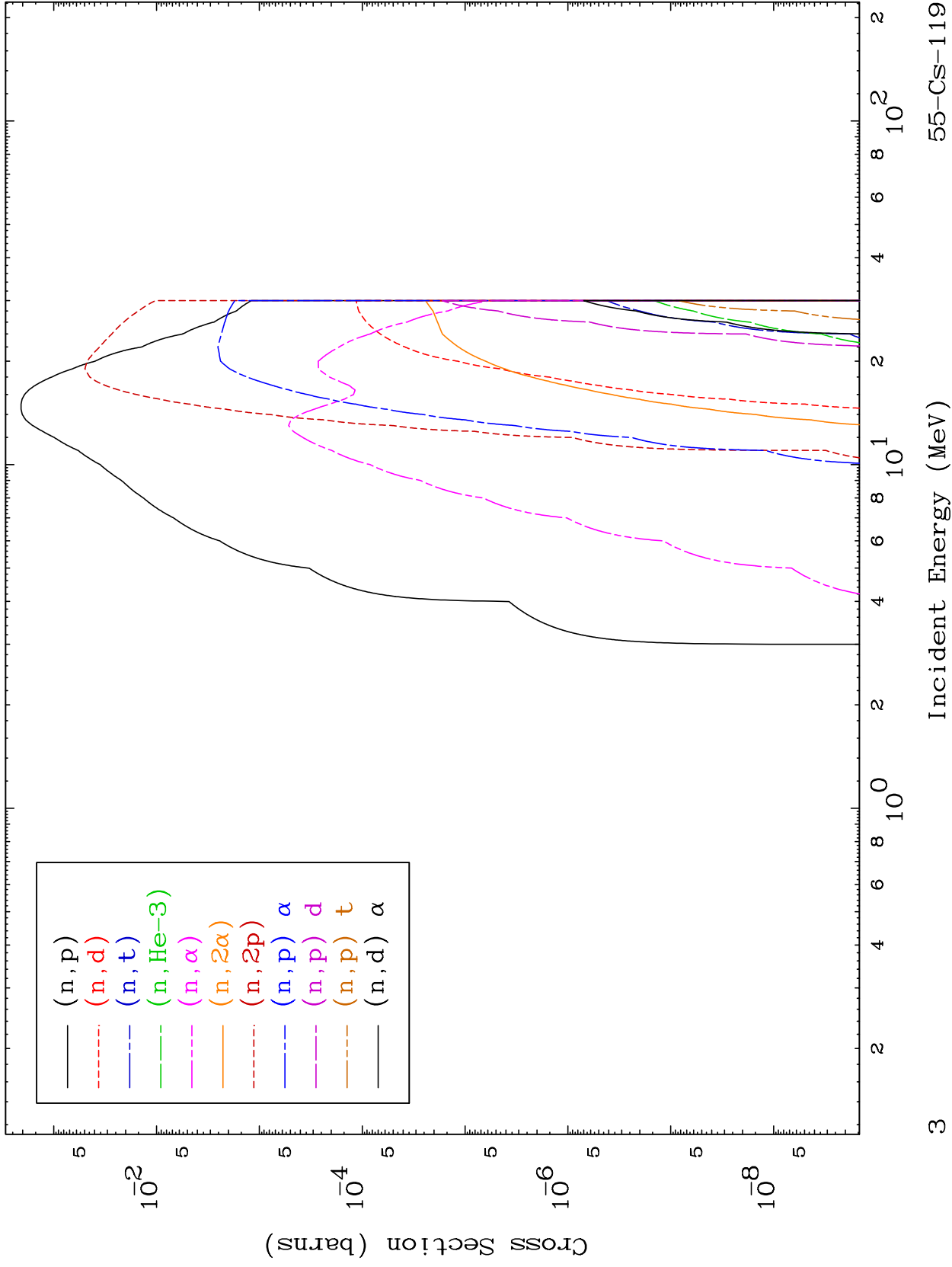
55-Cs-119

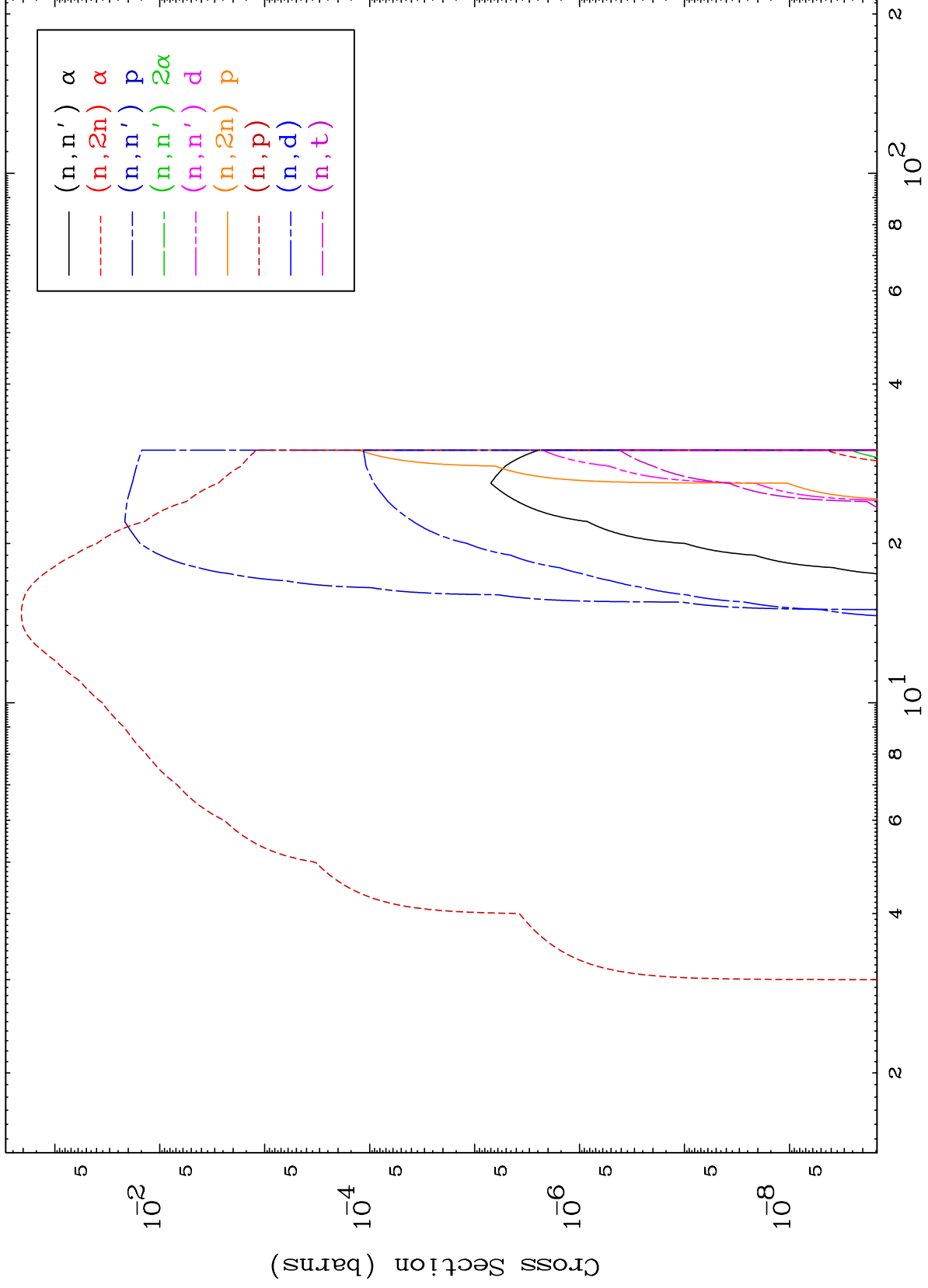
MAT 5483

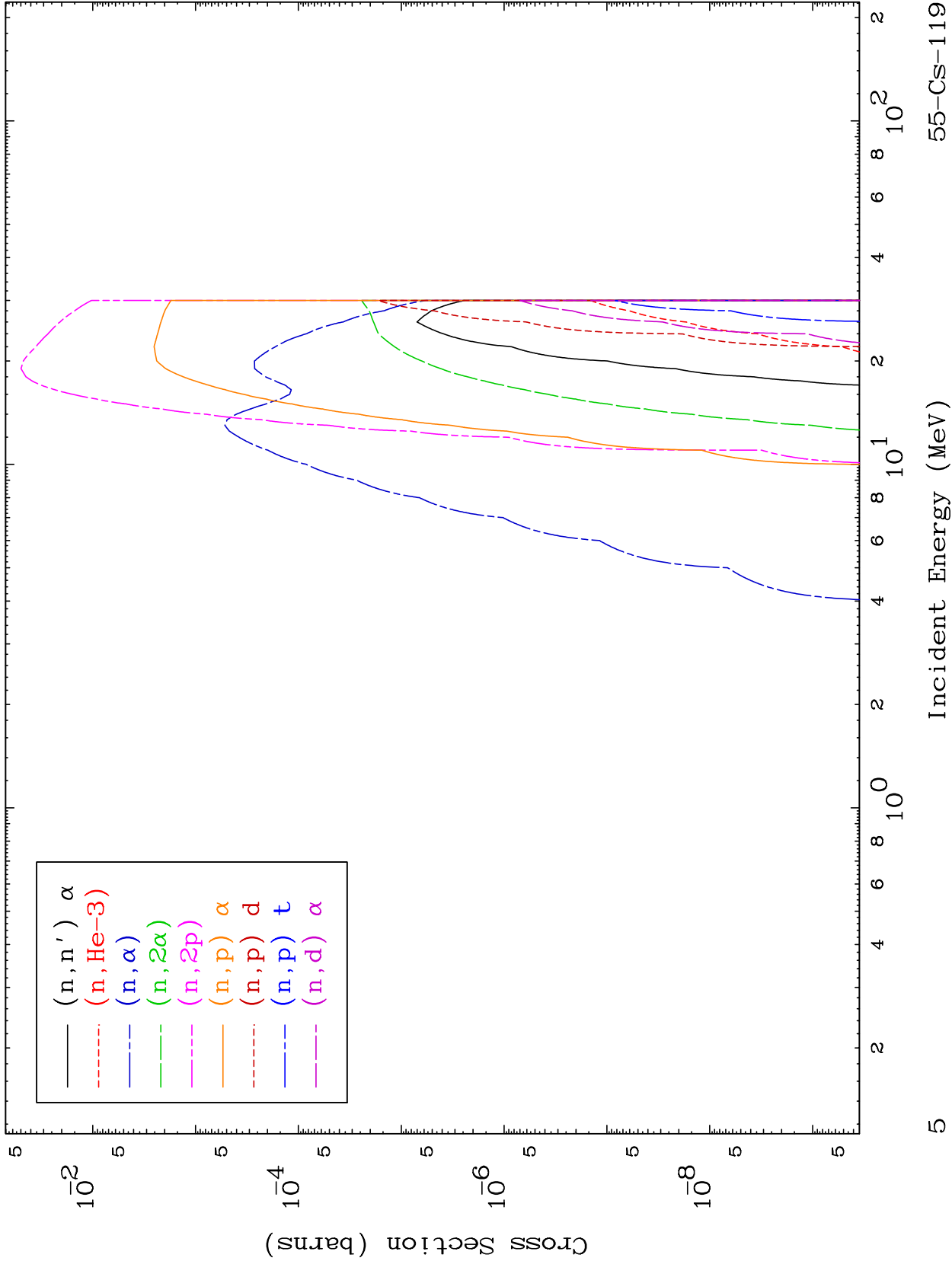
Photon Neutron Absorption  
0 Kelvin Cross Sections

55-Cs-119







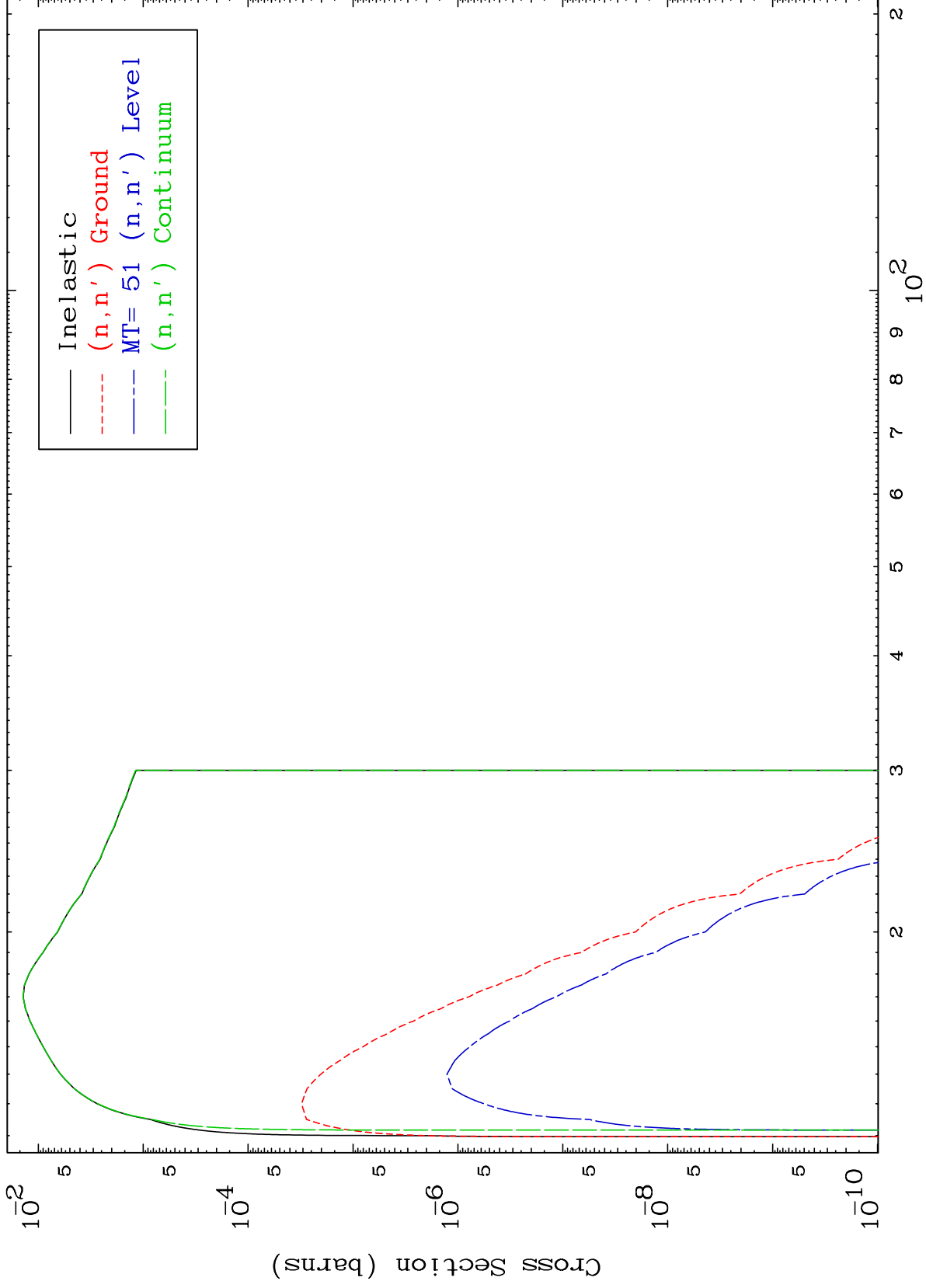


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( $\gamma, n'$ ) Levels

55-Cs-119

0 Kelvin Cross Sections



Incident Energy (MeV)

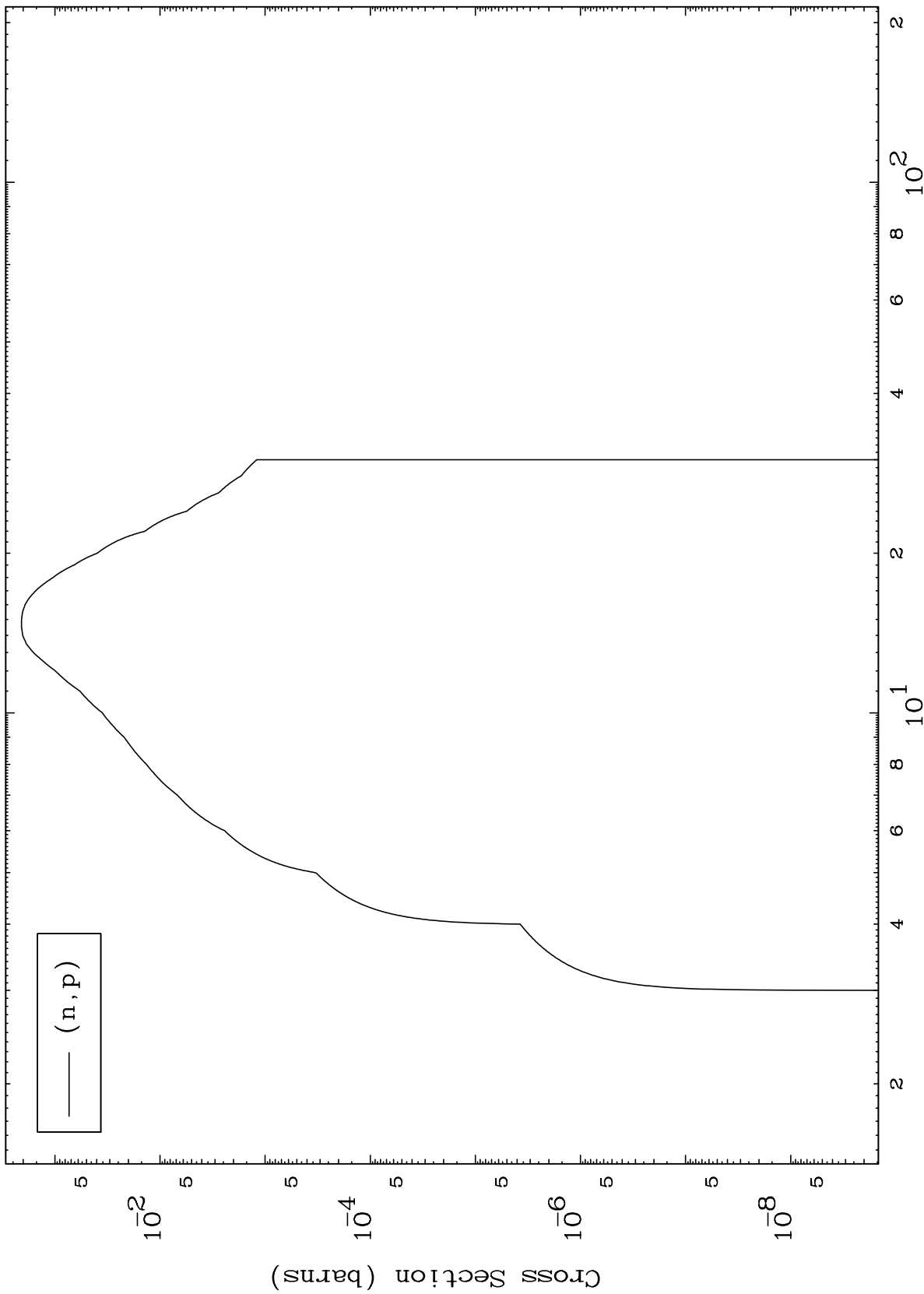
55-Cs-119

6

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55-Cs-119

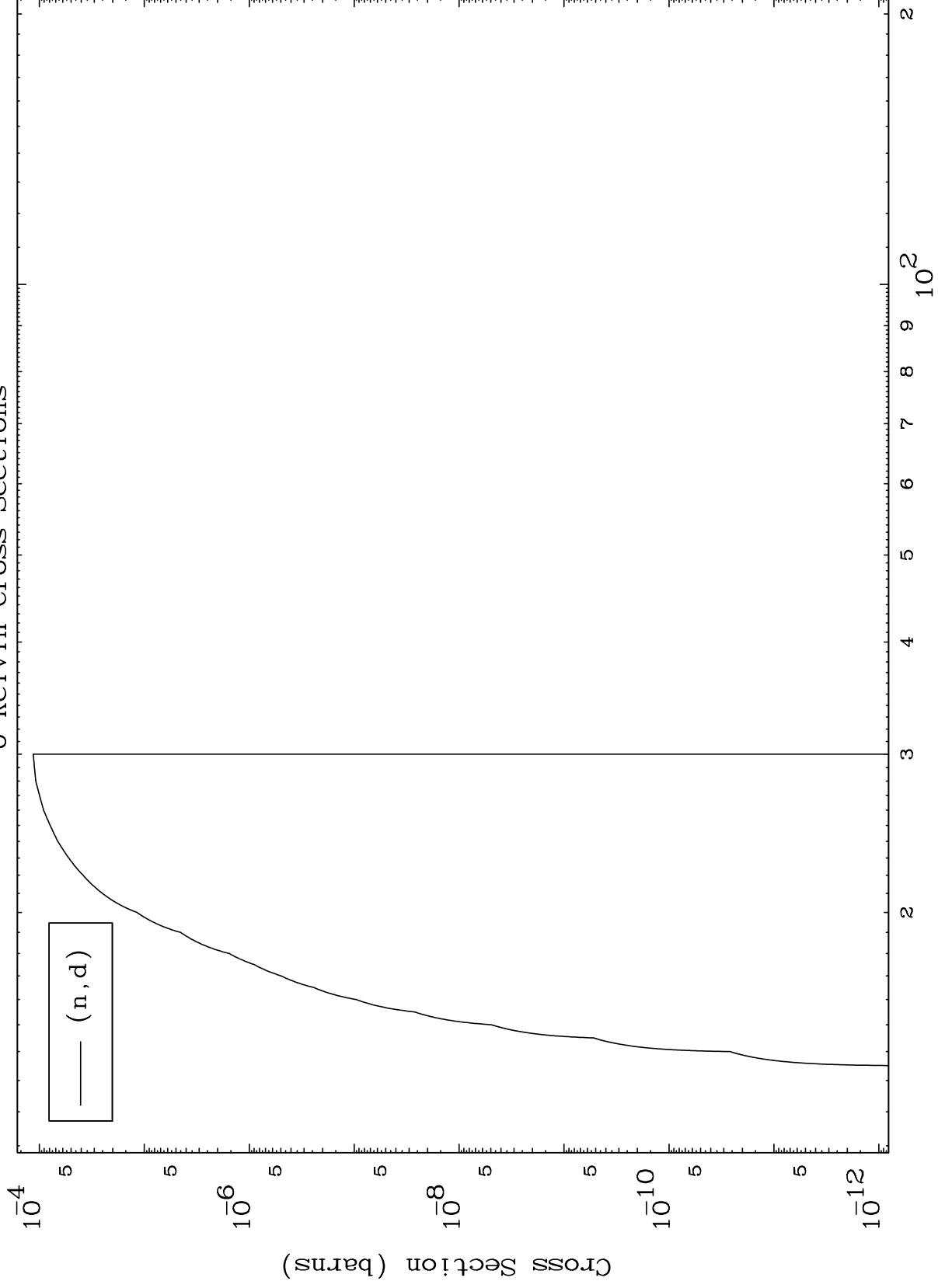
( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



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

55-Cs-119



8

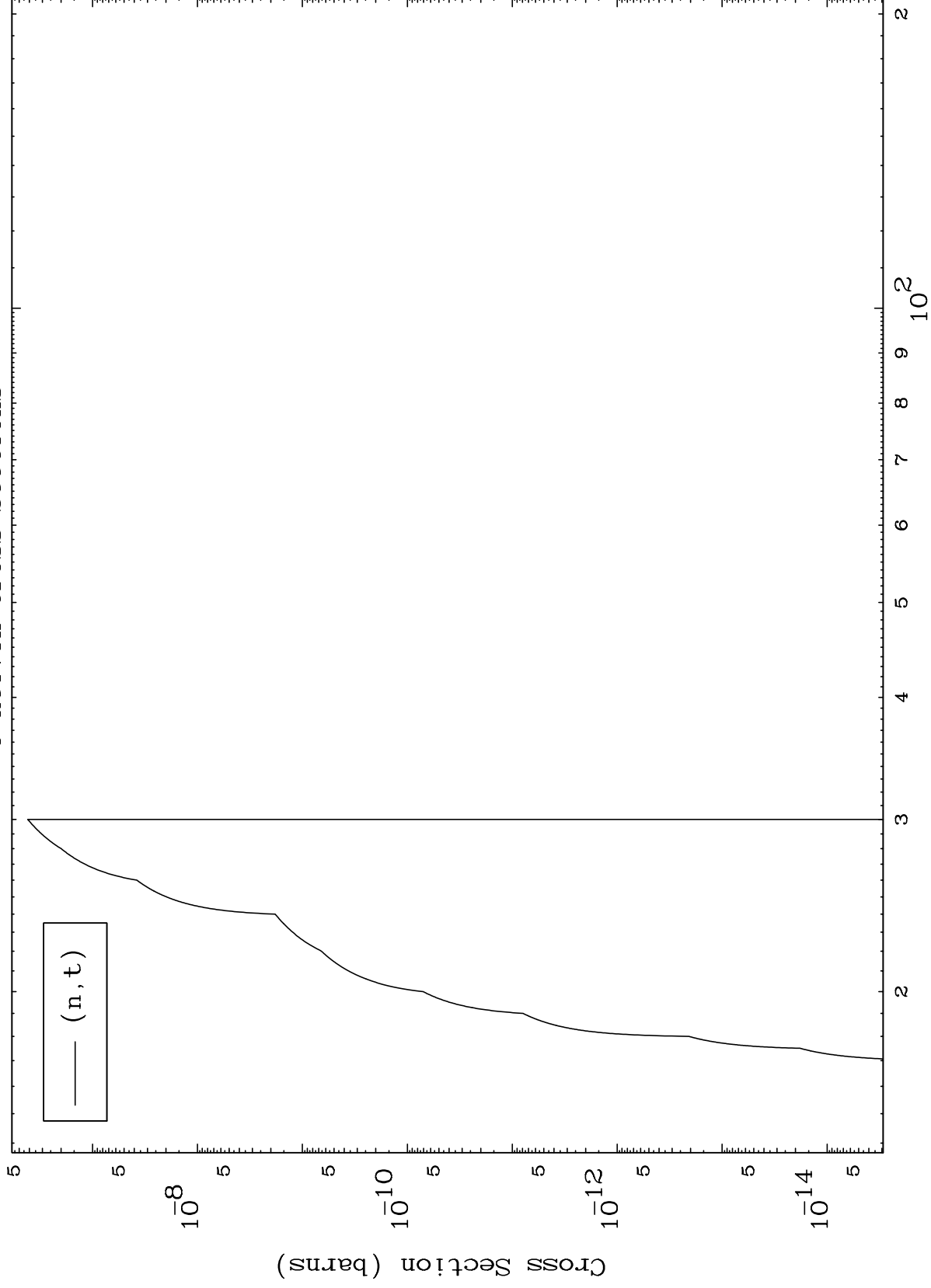
Incident Energy (MeV)

55-Cs-119

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( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

55-Cs-119



9

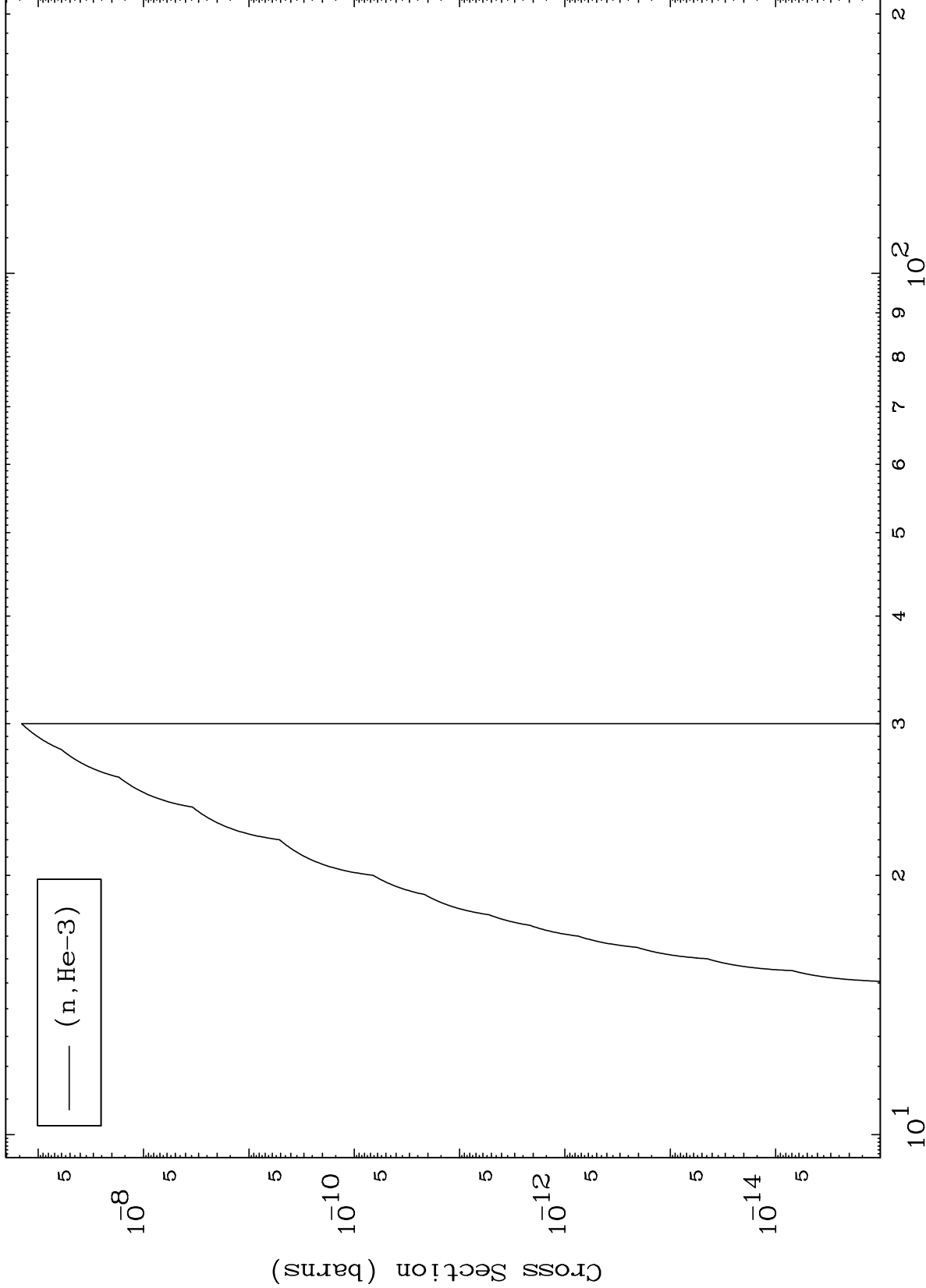
Incident Energy (MeV)

55-Cs-119

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( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

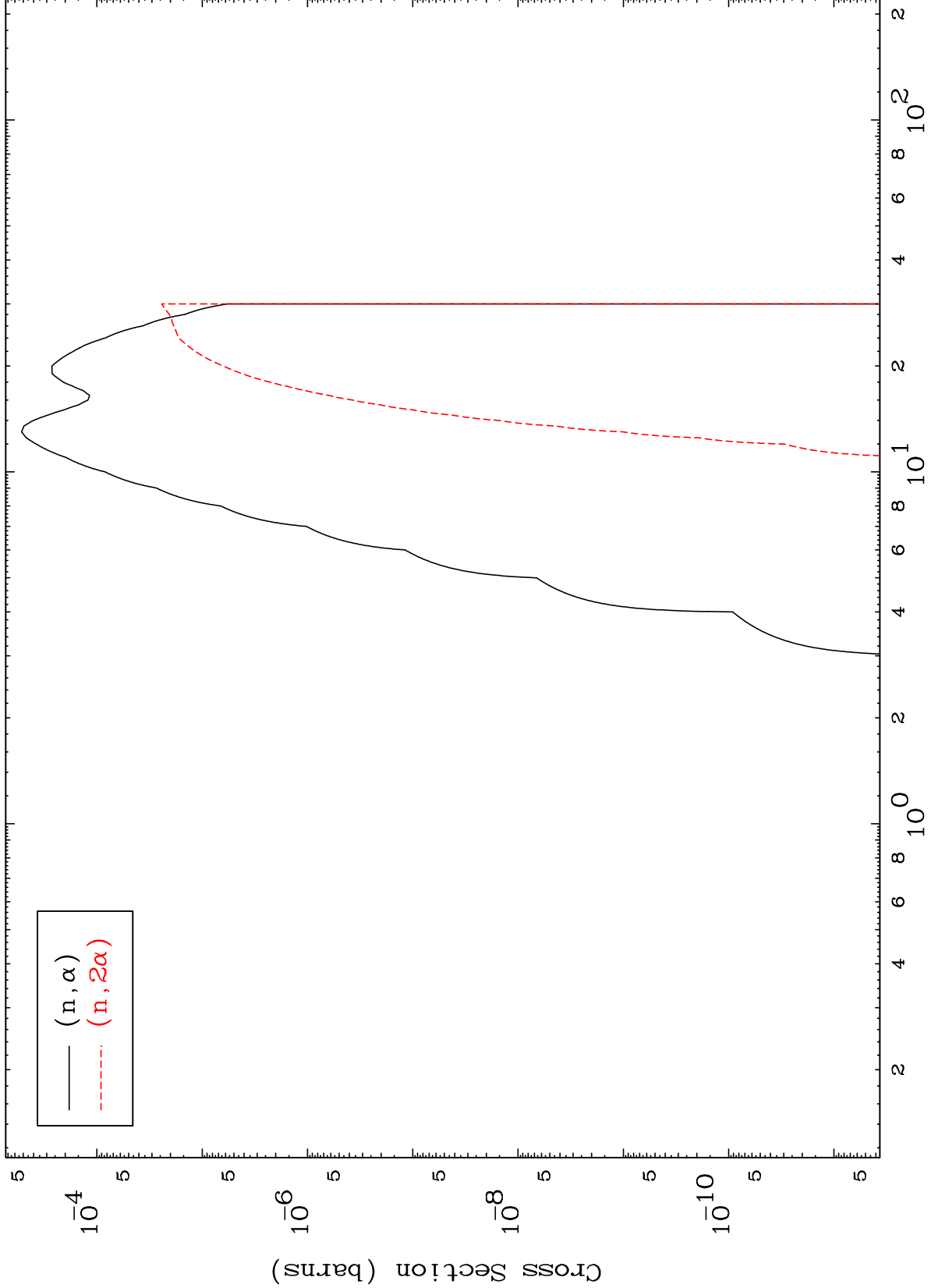
55-Cs-119



Incident Energy (MeV)

55-Cs-119

0 Kelvin Cross Sections

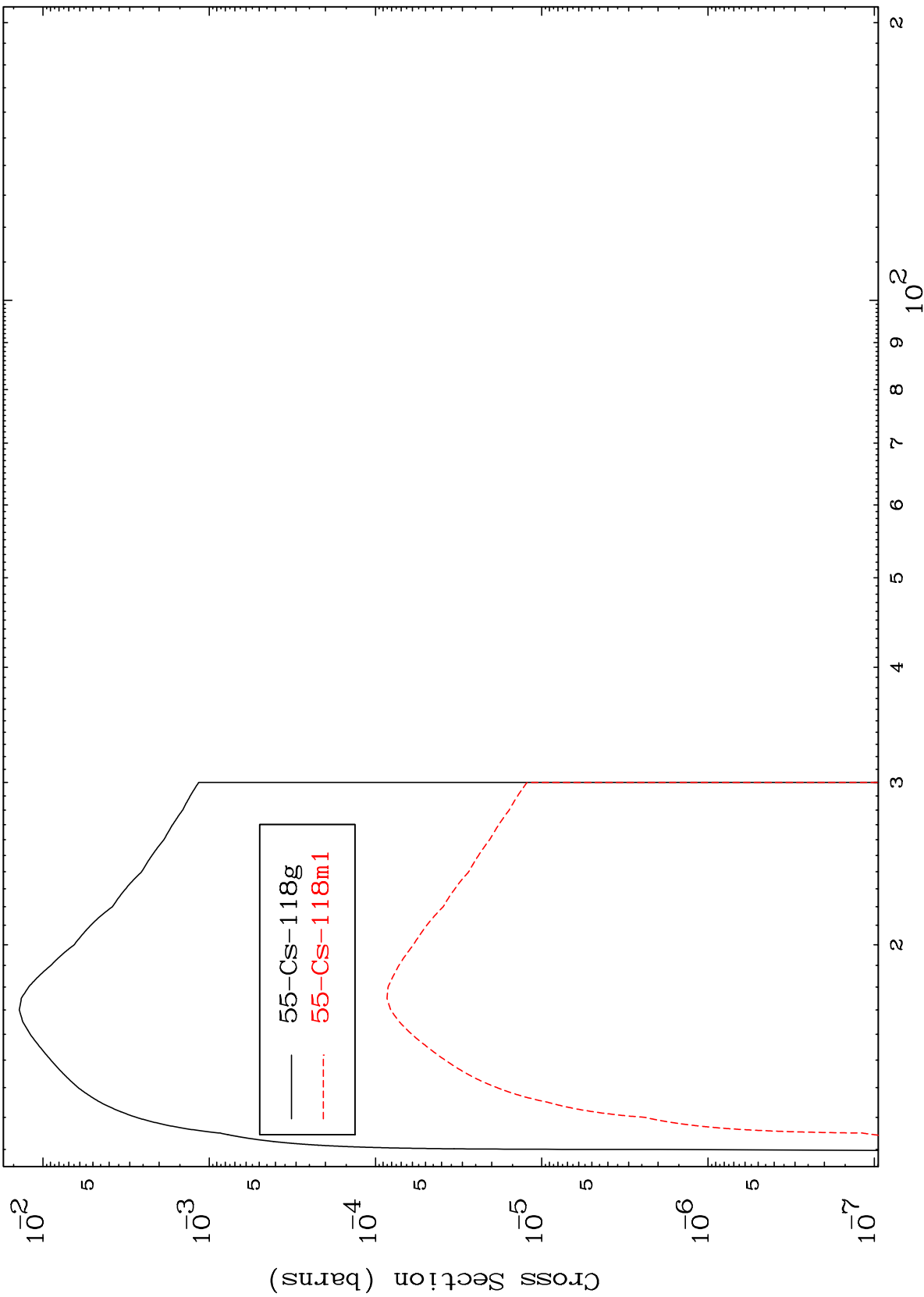


— (n, α)  
- - - (n, 2α)

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55-Cs-119

Inelastic  
Radionuclide Production Cross Section



55-Cs-119

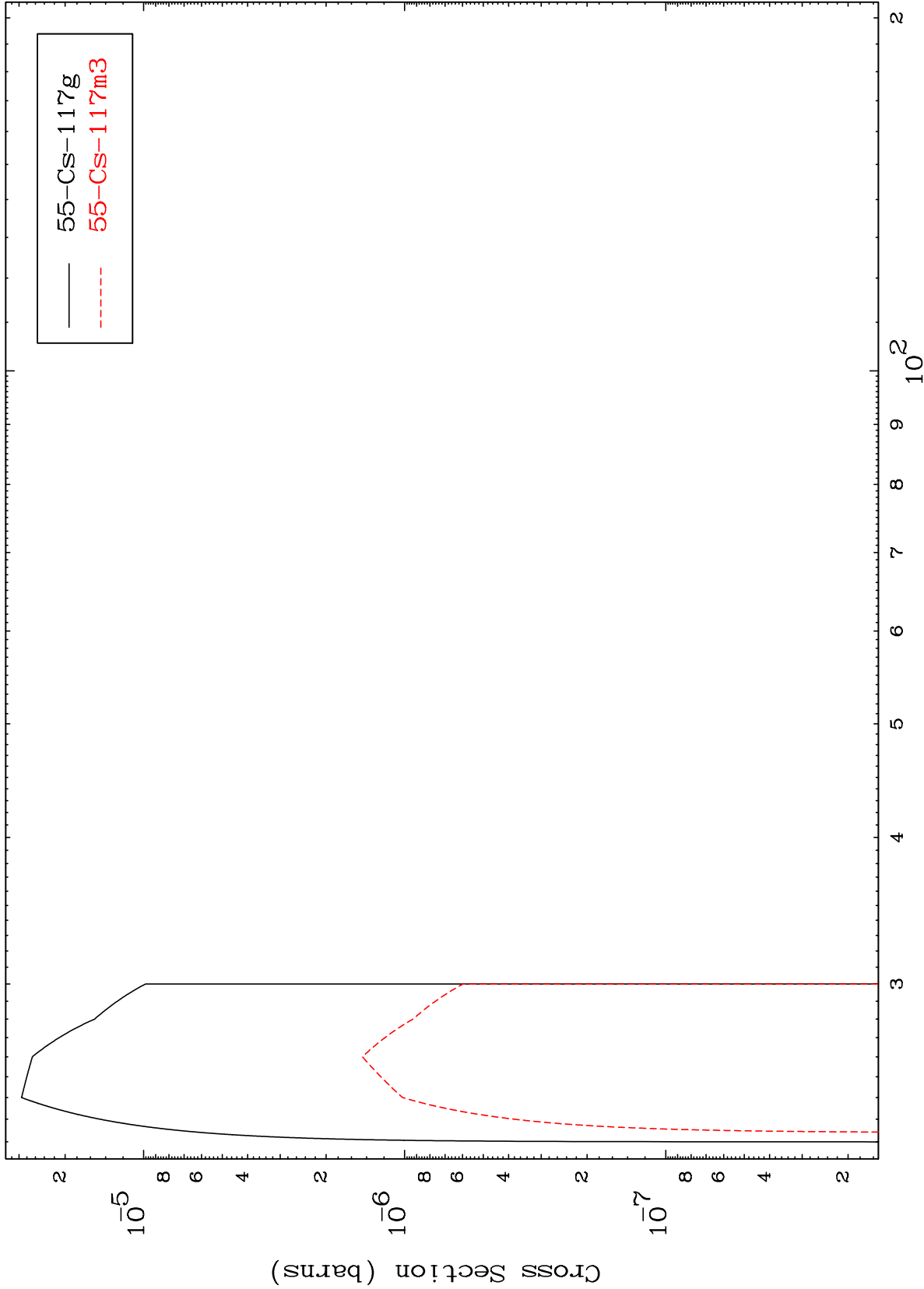
Incident Energy (MeV)

12

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55-Cs-119

(n,2n)  
Radionuclide Production Cross Section



13

55-Cs-119

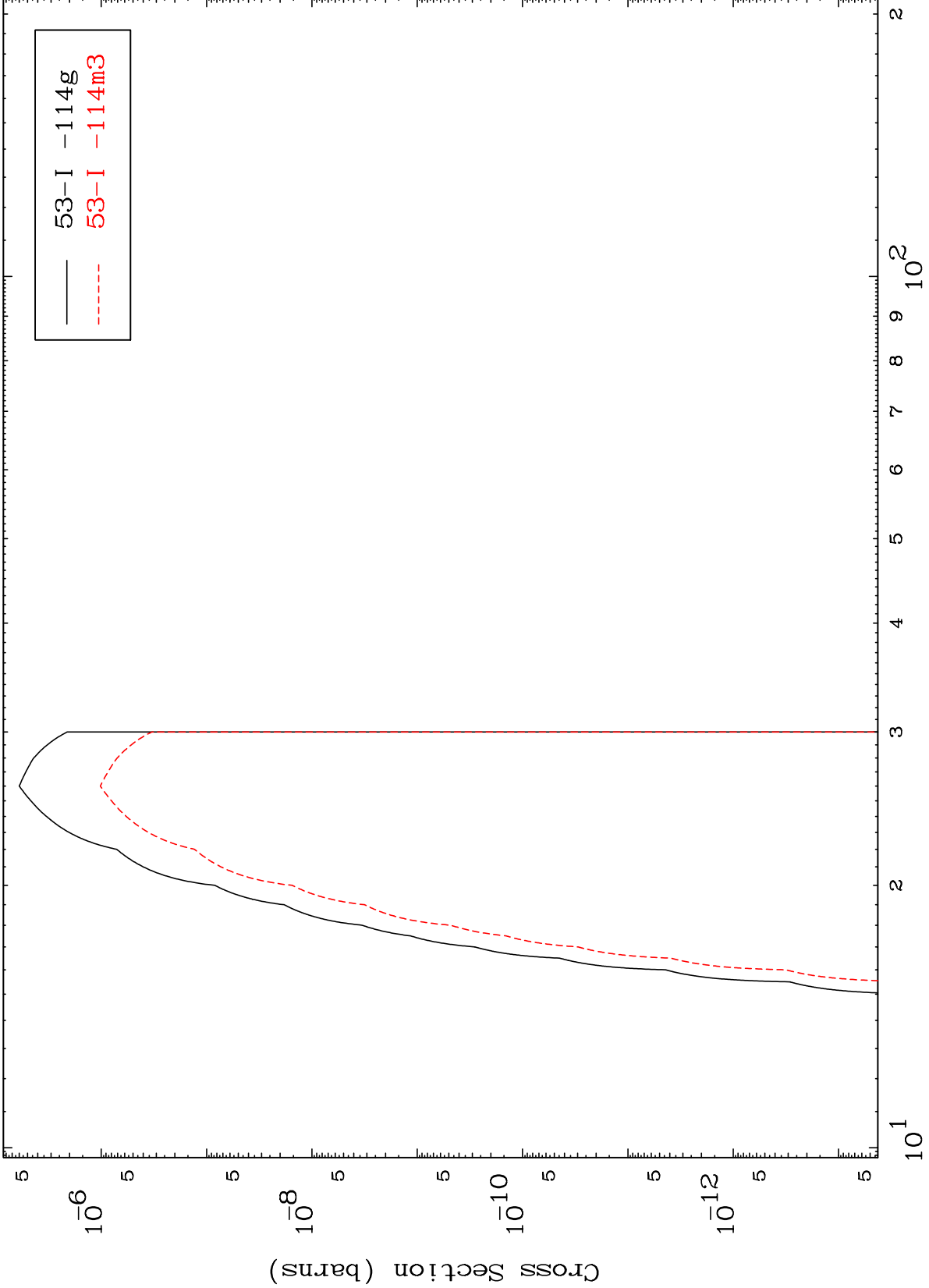
Incident Energy (MeV)

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$(n, n')$   $\alpha$

55-Cs-119

Radionuclide Production Cross Section



55-Cs-119

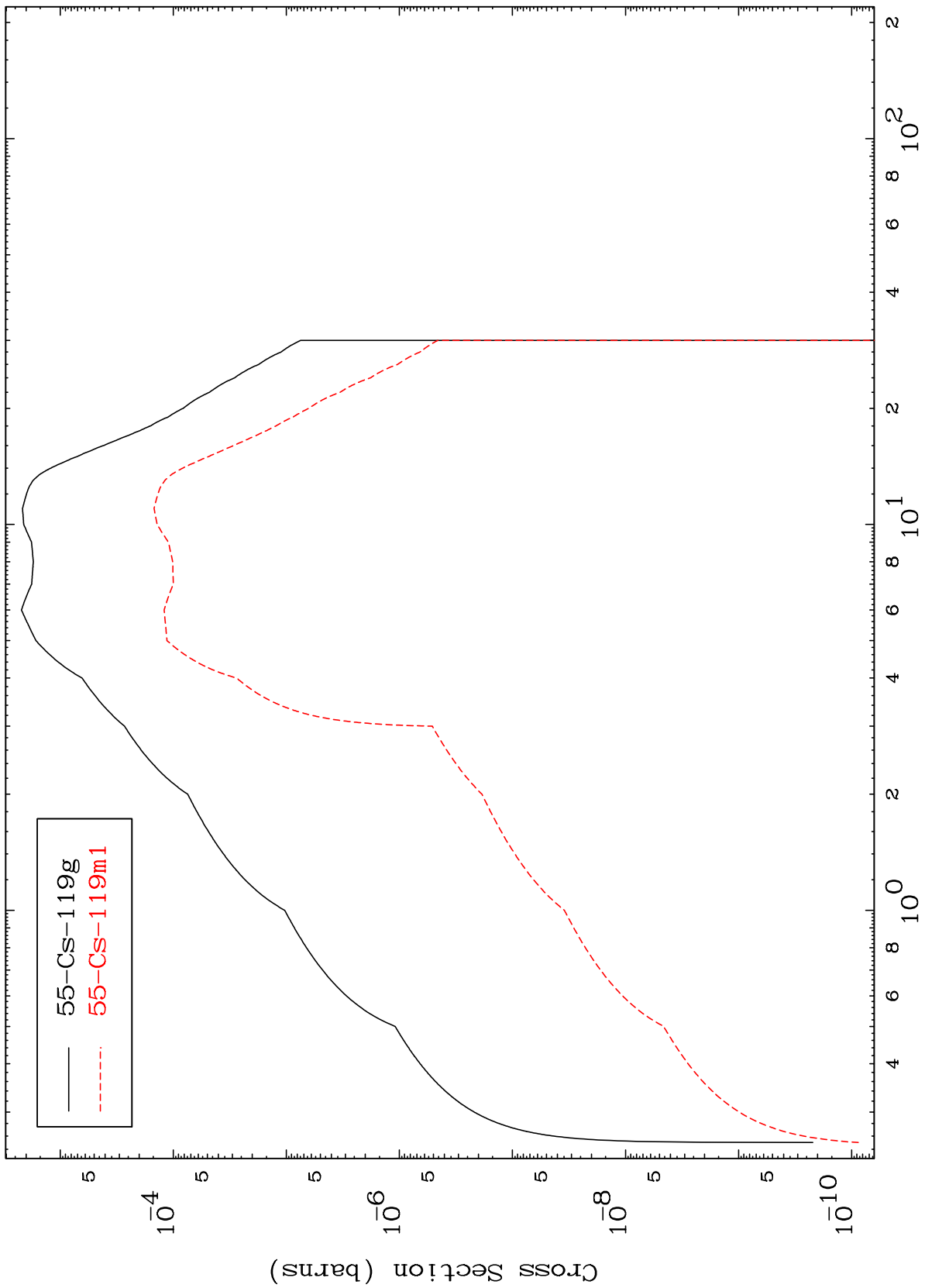
Incident Energy (MeV)

14

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55-Cs-119

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



15

55-Cs-119

Incident Energy (MeV)