

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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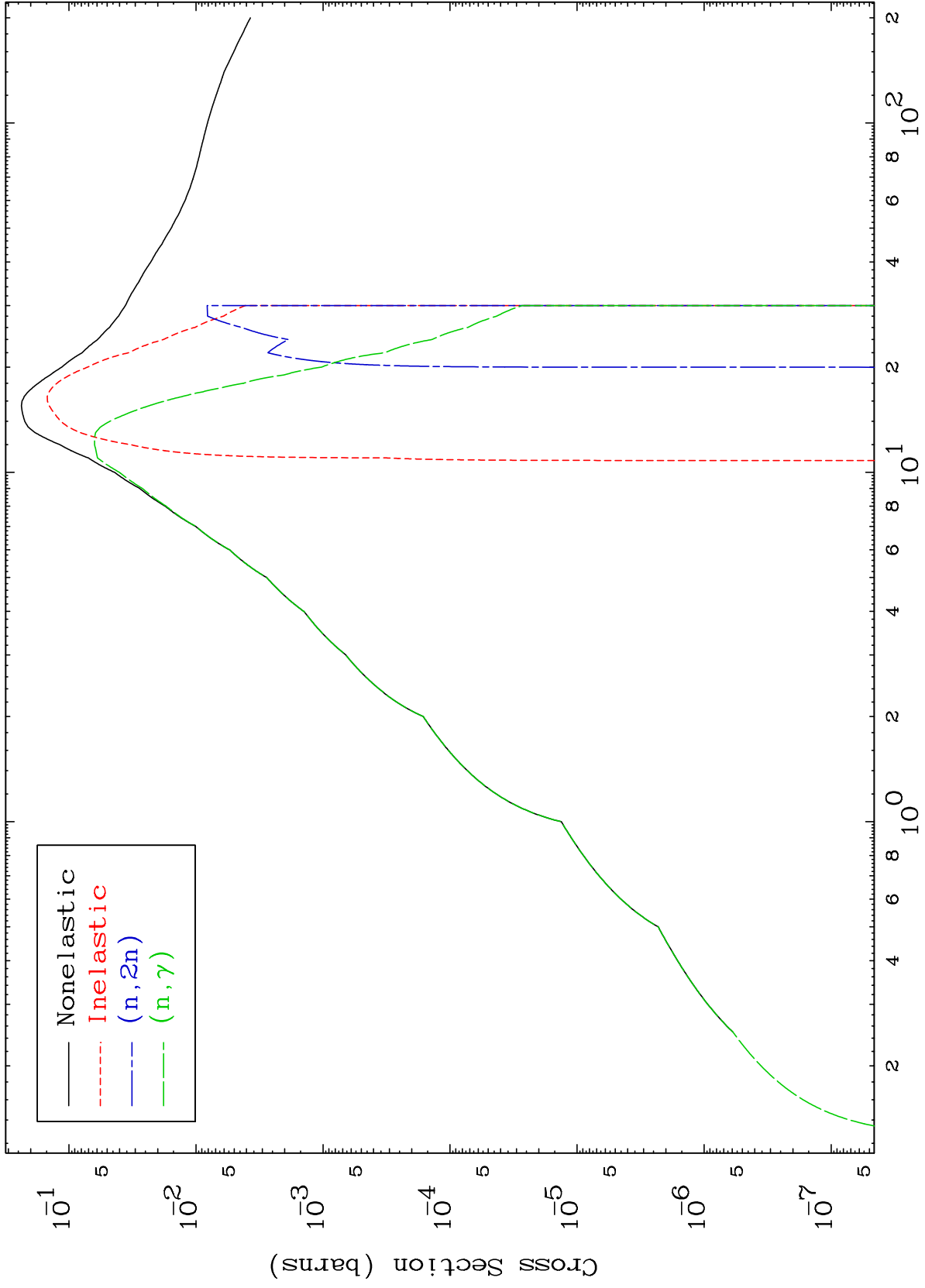
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5496

Photon Major  
0 Kelvin Cross Sections

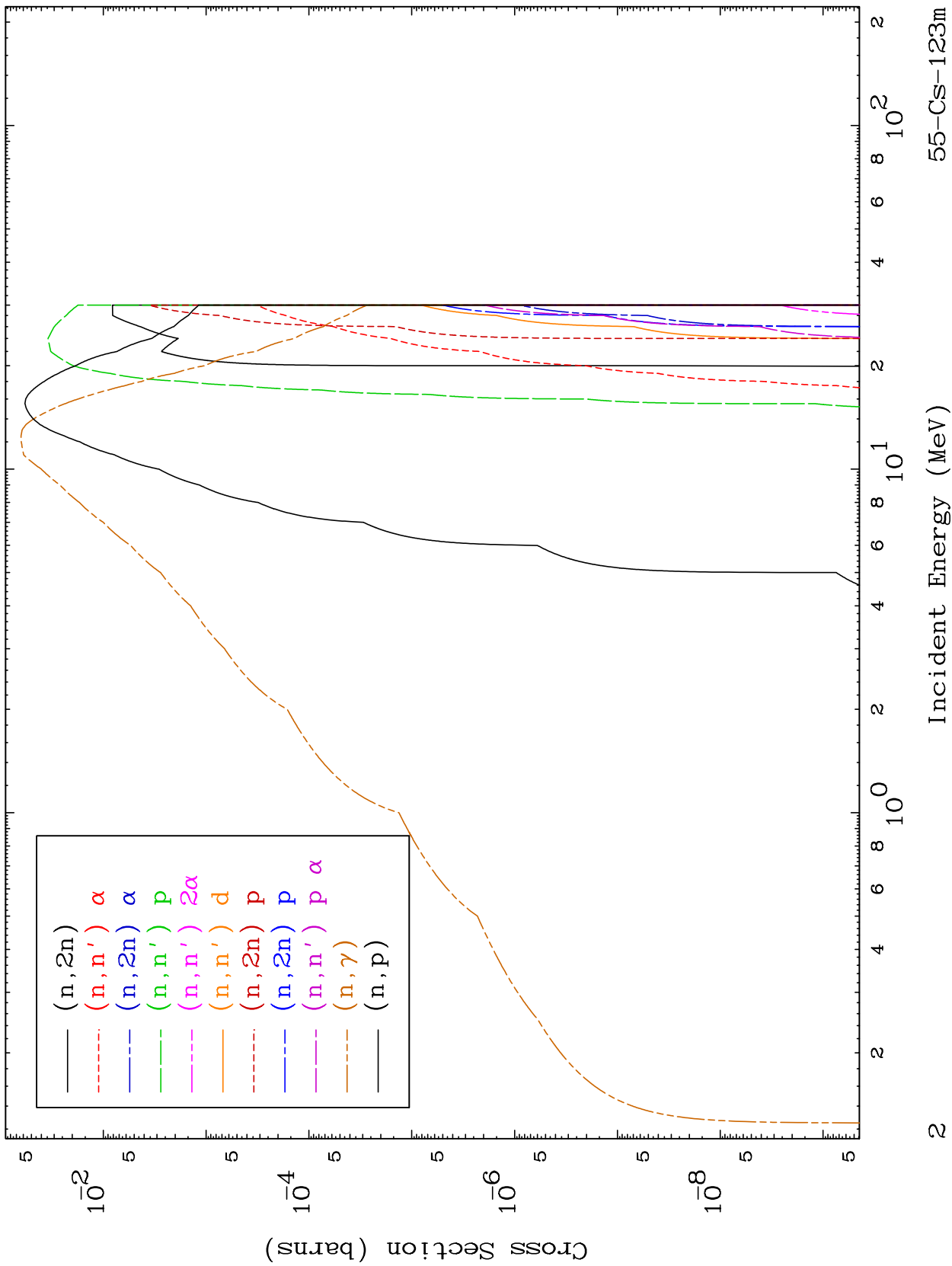
55-Cs-123m

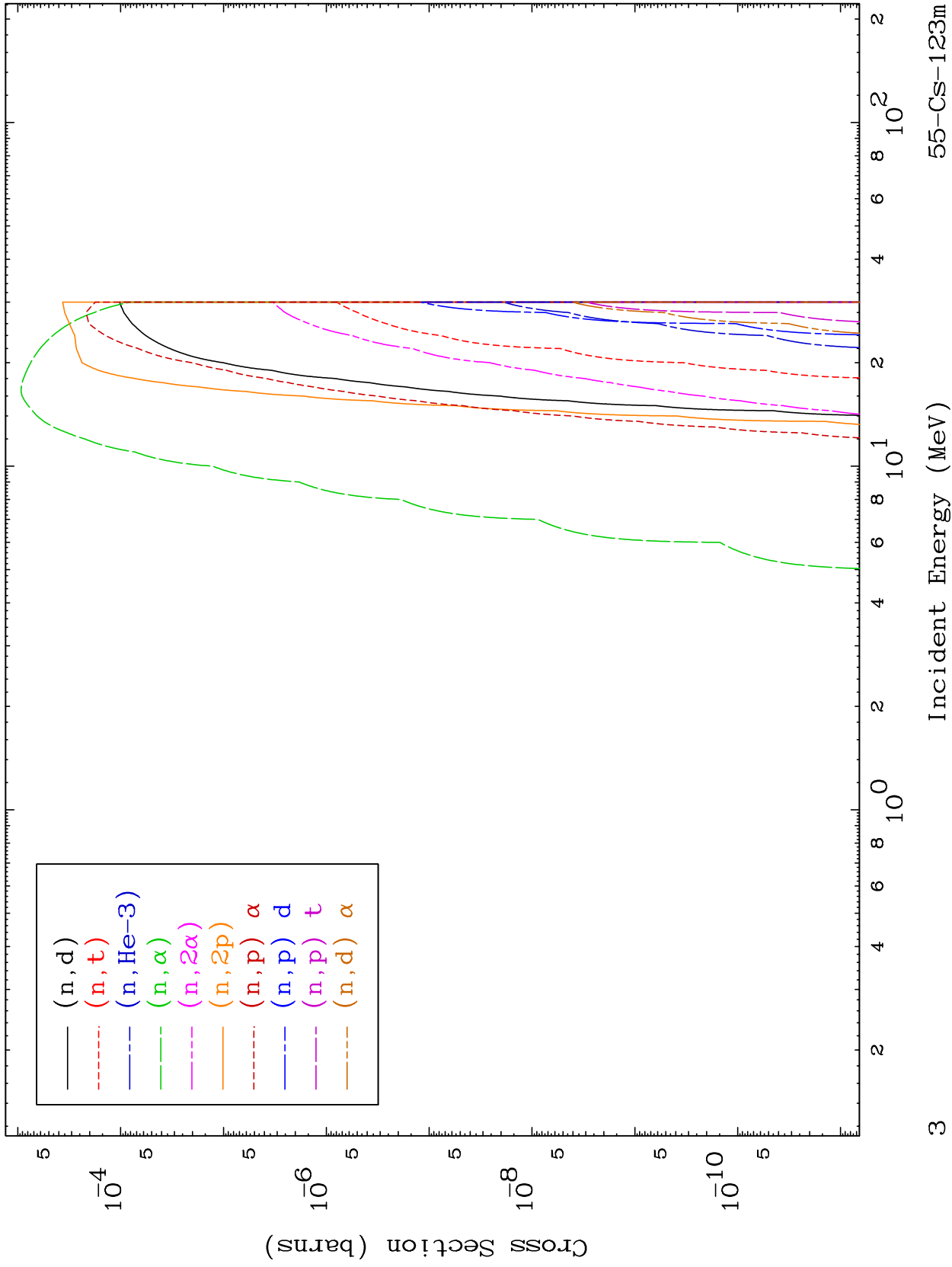


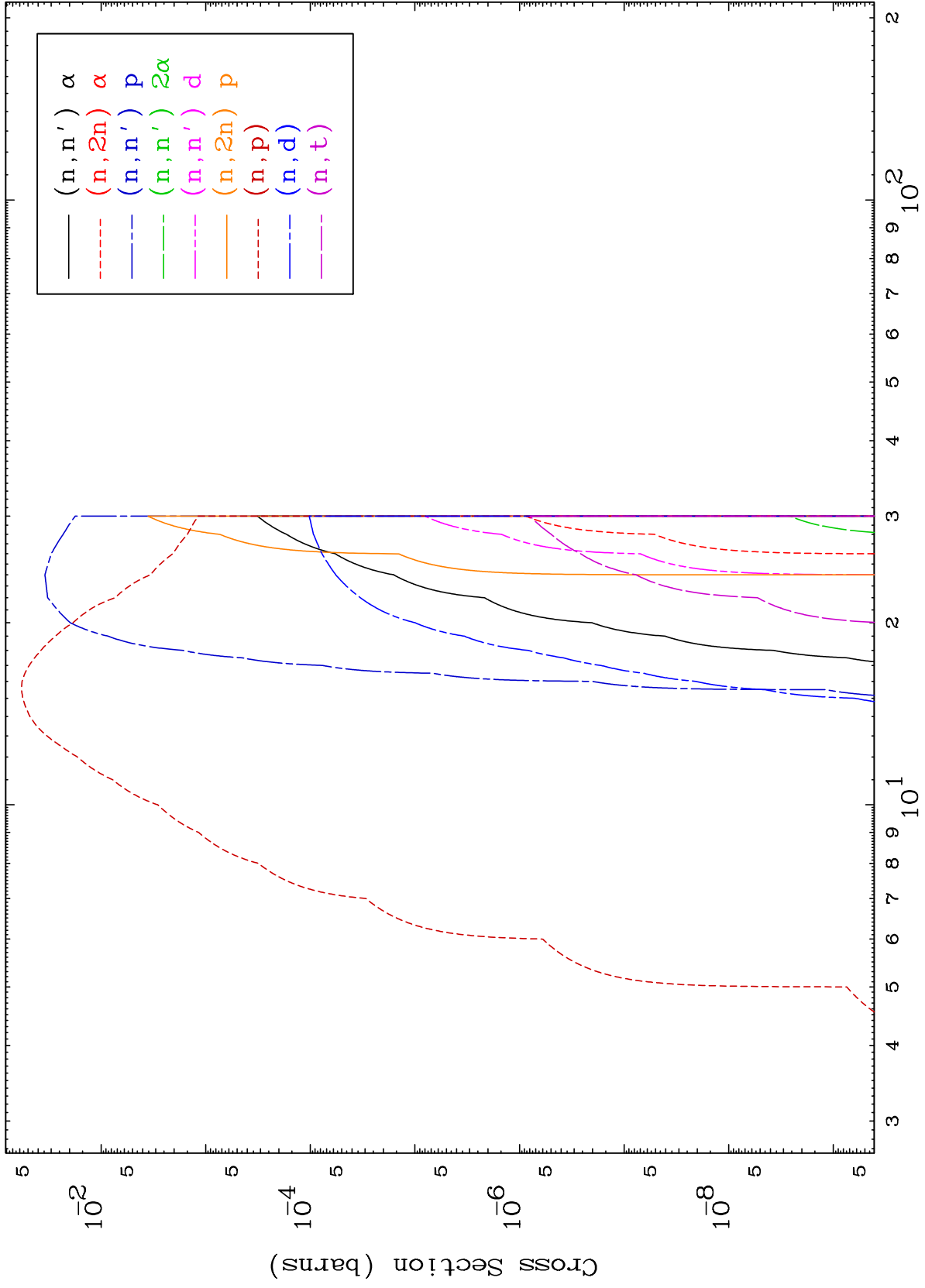
1

Incident Energy (MeV)

55-Cs-123m



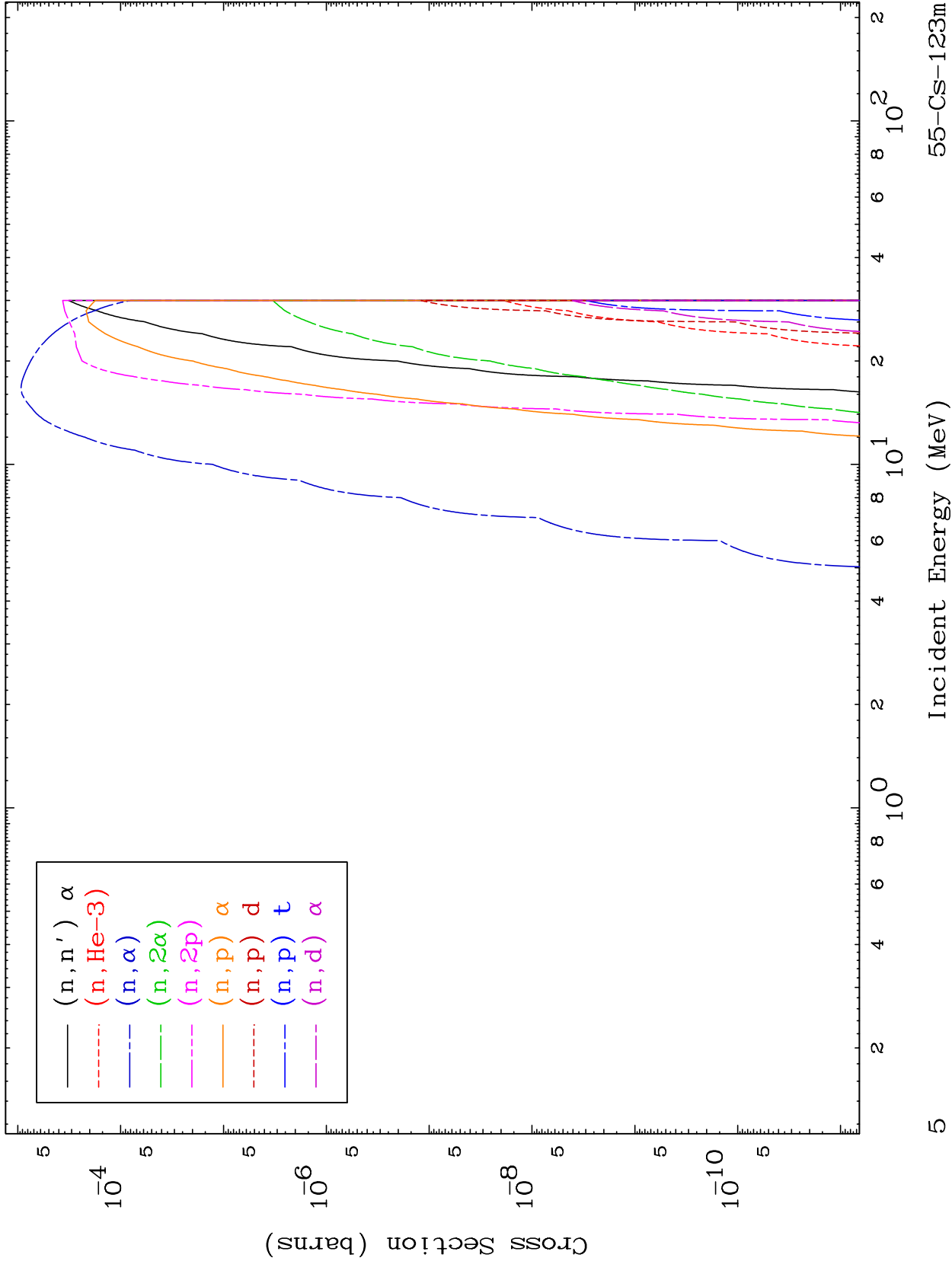




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Photon Charged Particle  
0 Kelvin Cross Sections

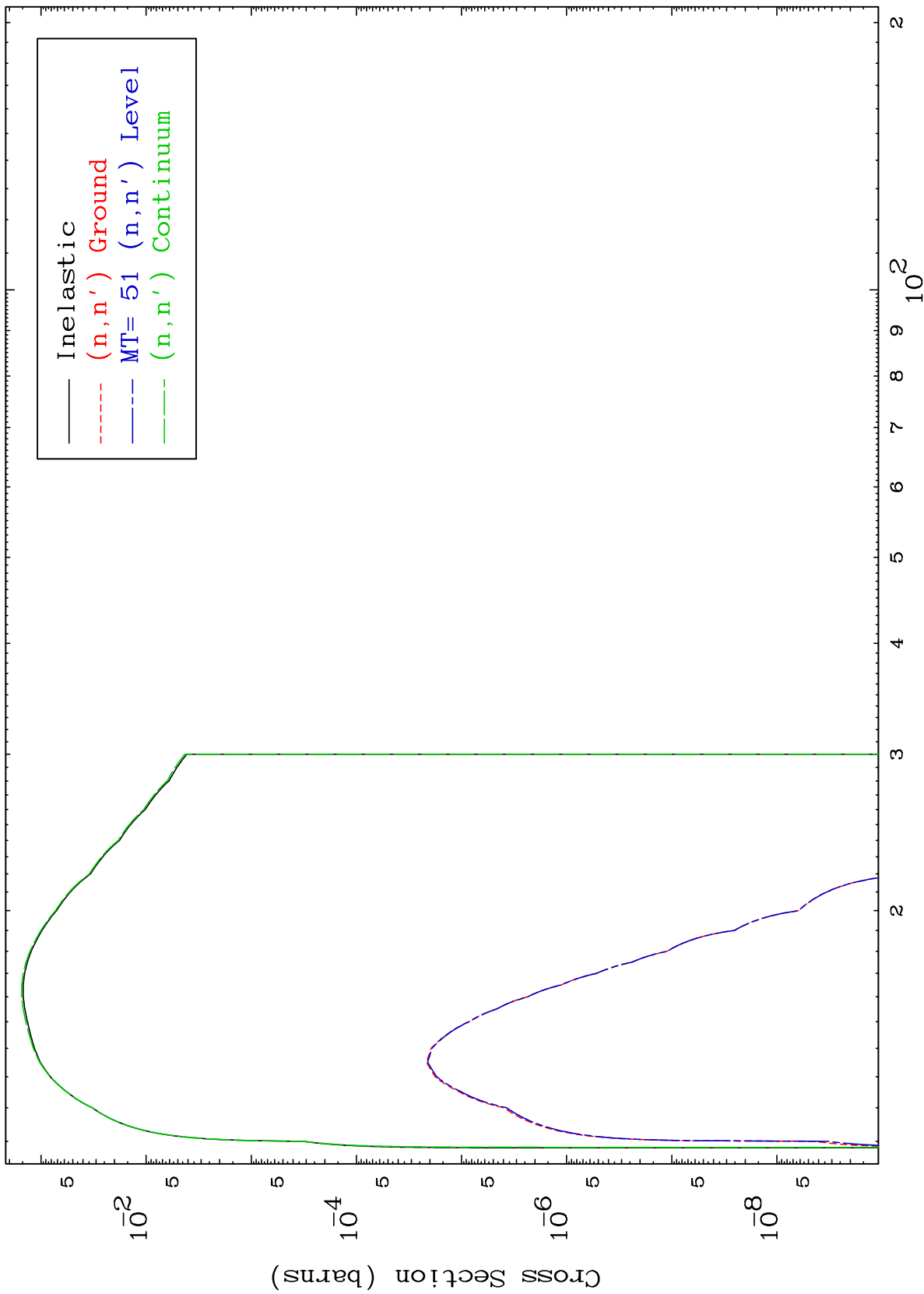
55-Cs-123m



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55-Cs-123m

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



55-Cs-123m

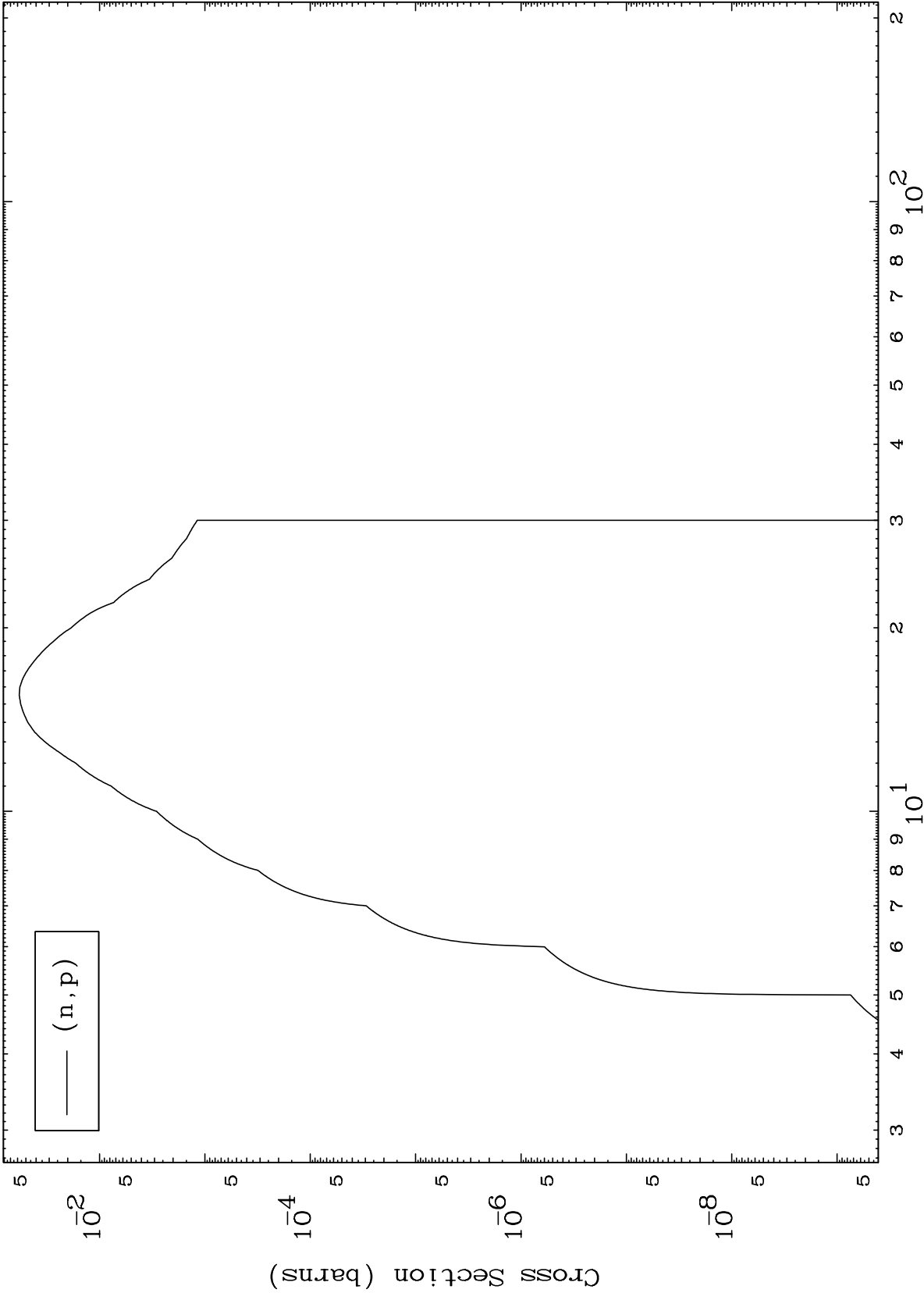
Incident Energy (MeV)

6

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

55-Cs-123m



7

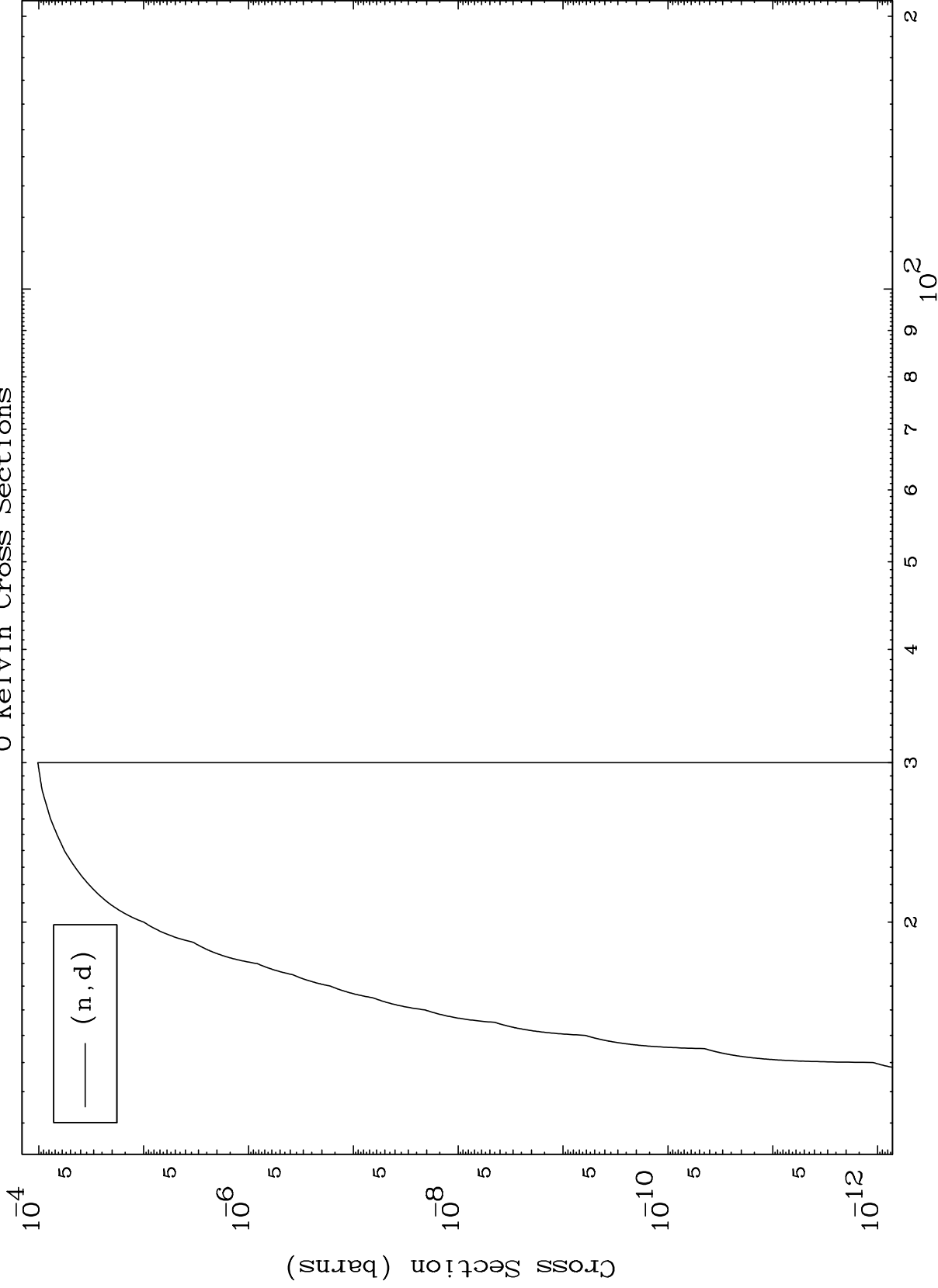
Incident Energy (MeV)

55-Cs-123m

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

55-Cs-123m



8

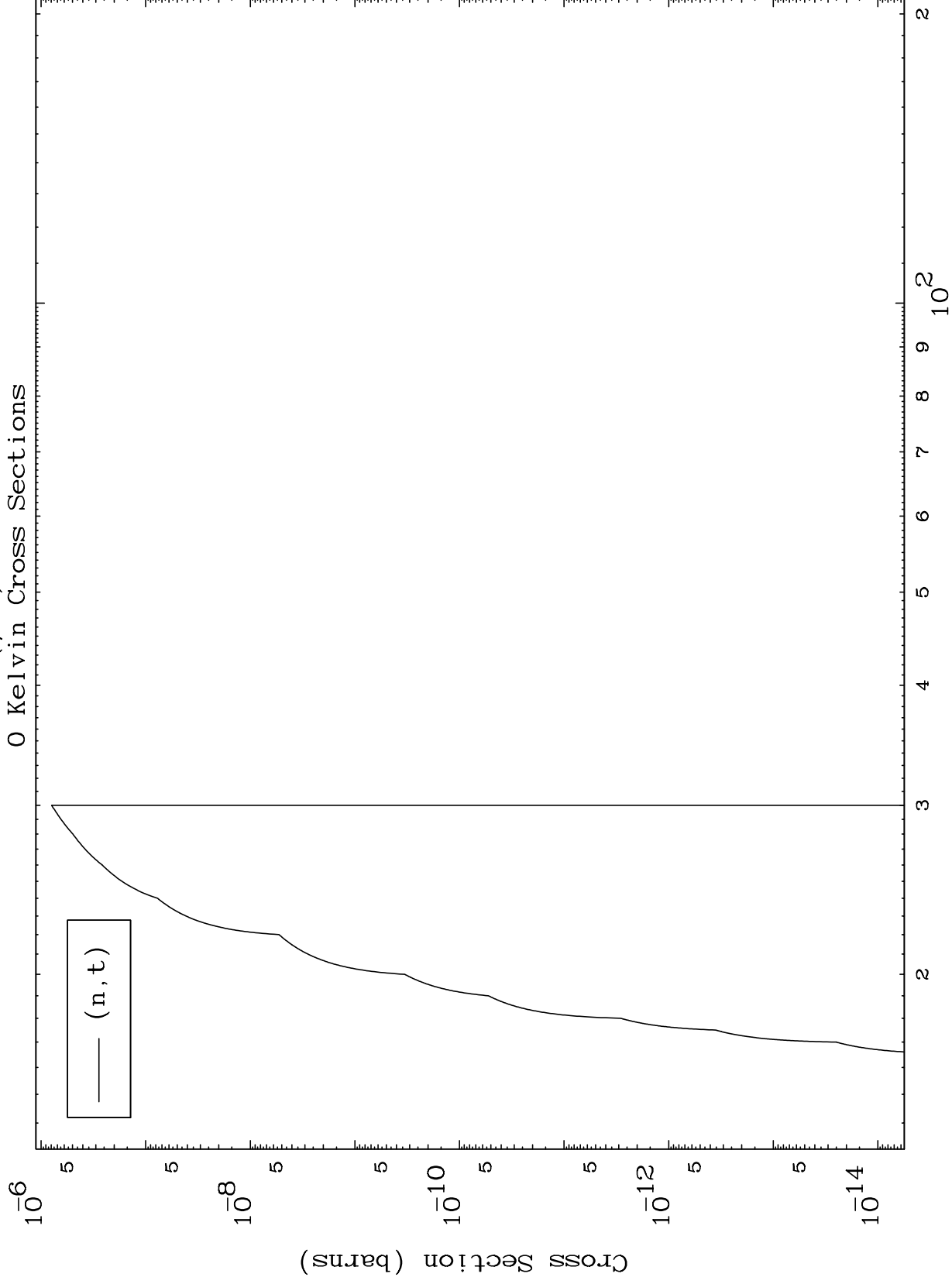
Incident Energy (MeV)

55-Cs-123m

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

55-Cs-123m



9

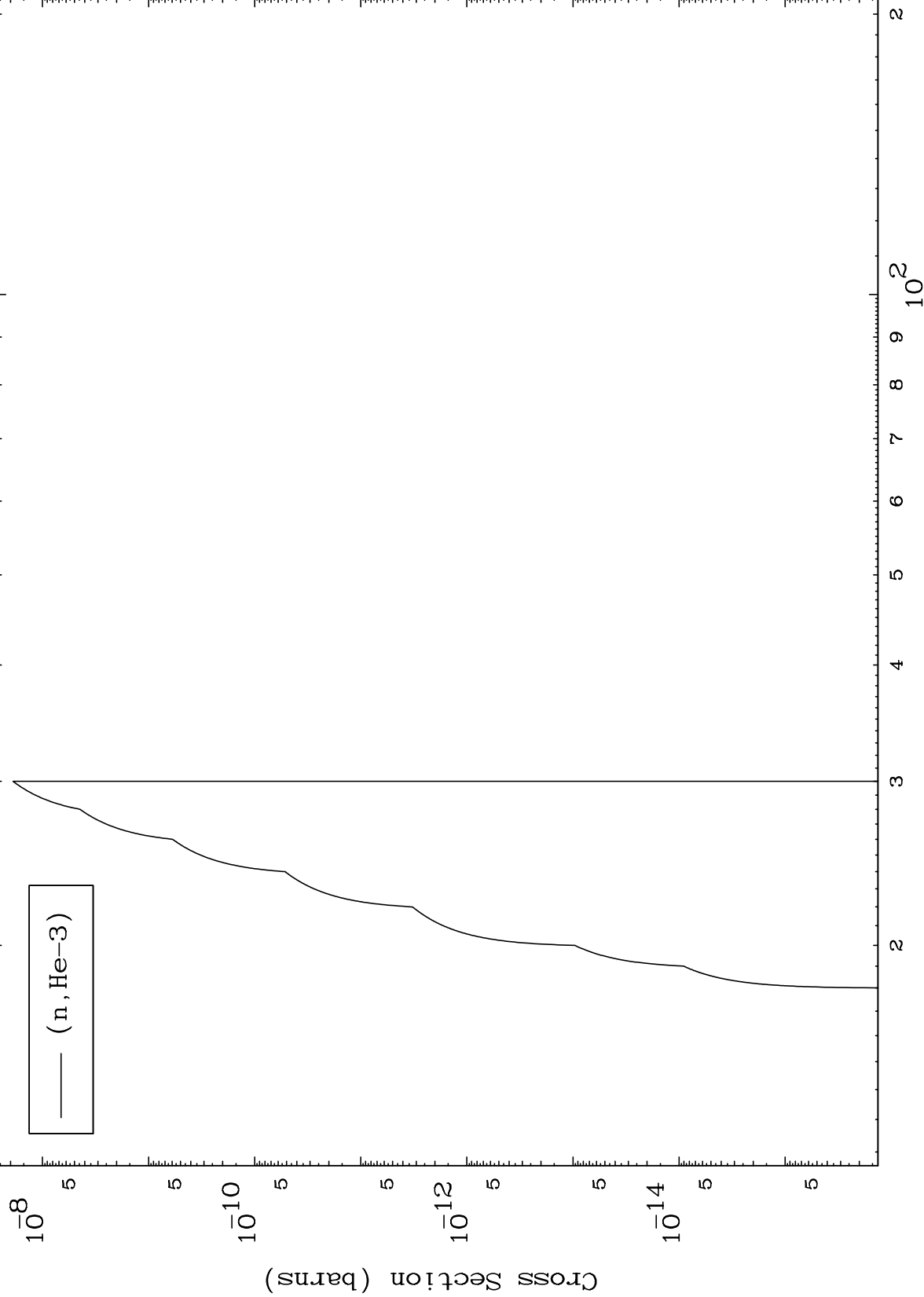
Incident Energy (MeV)

55-Cs-123m

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

55-Cs-123m



10

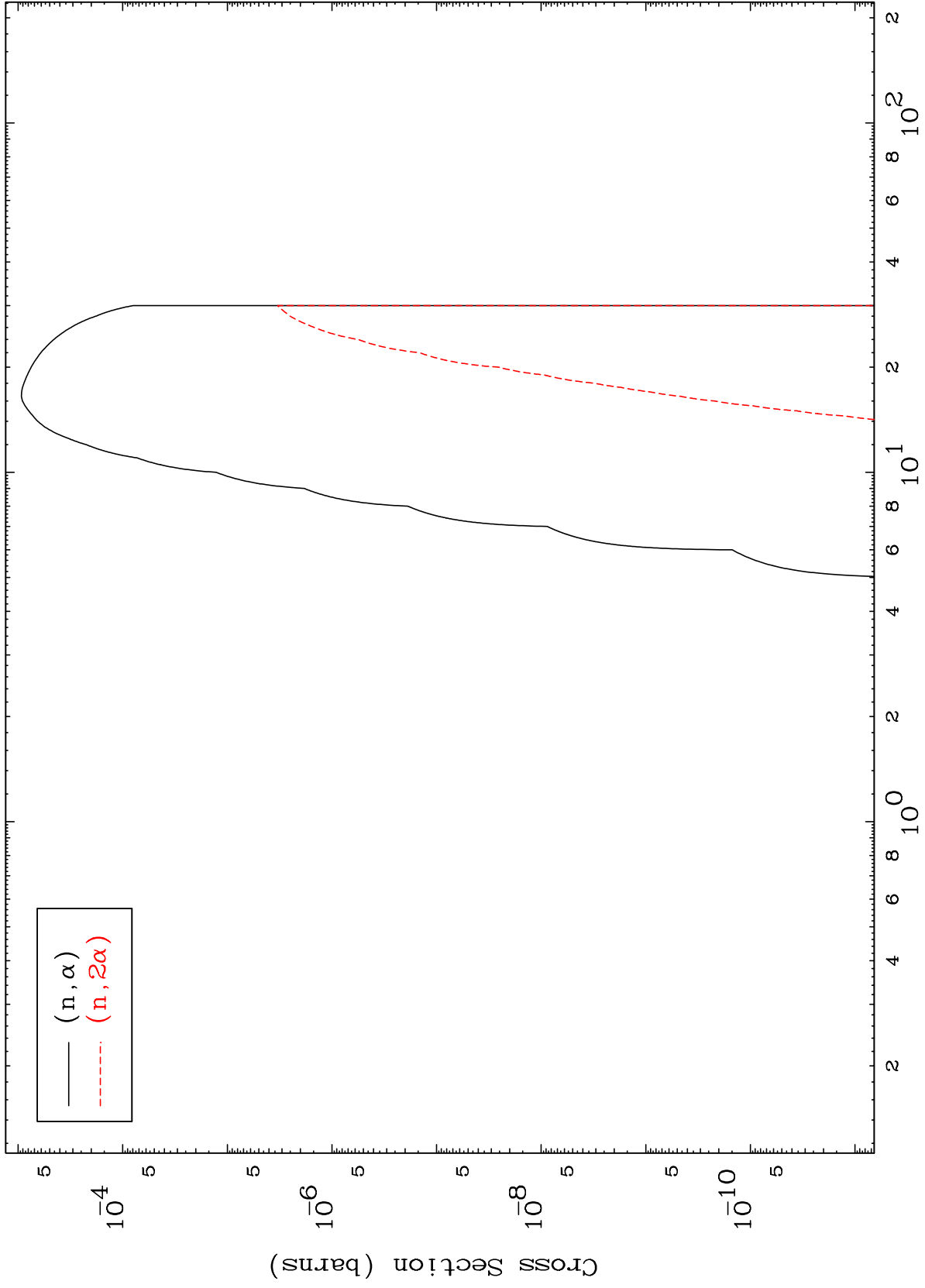
Incident Energy (MeV)

55-Cs-123m

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

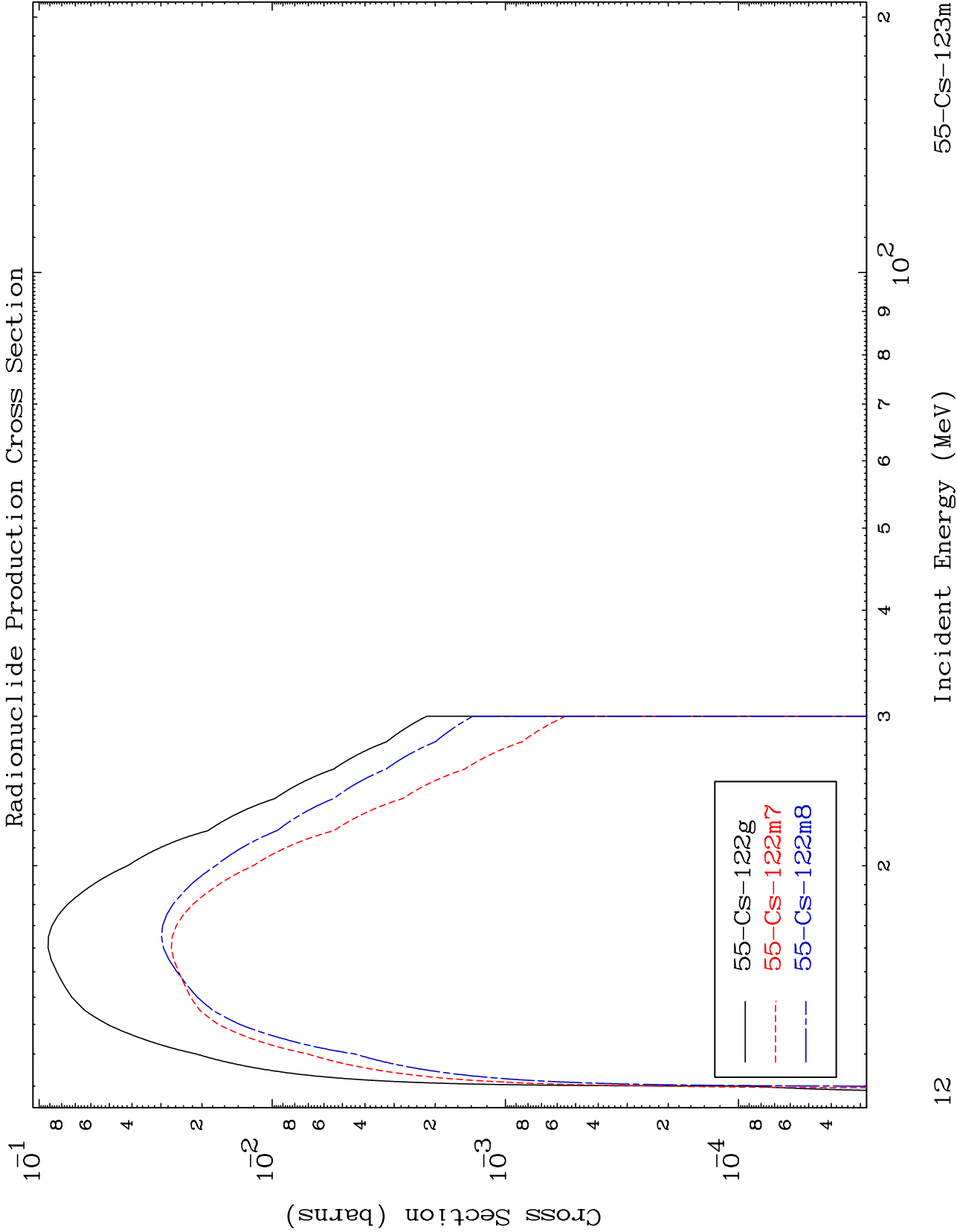
55-Cs-123m



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Inelastic  
Radionuclide Production Cross Section

55-Cs-123m

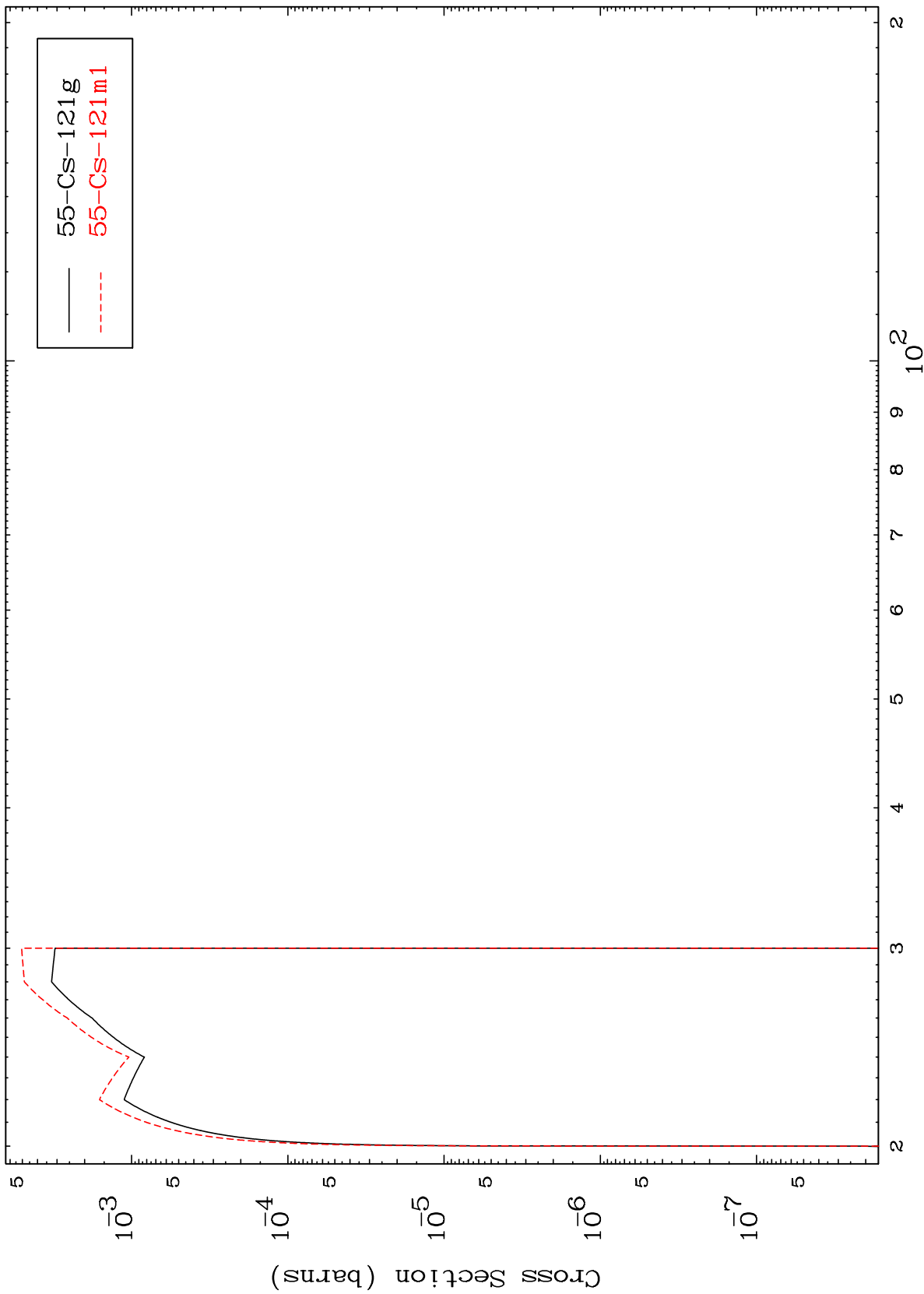


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55-Cs-123m

(n,2n)  
Radionuclide Production Cross Section



55-Cs-123m

Incident Energy (MeV)

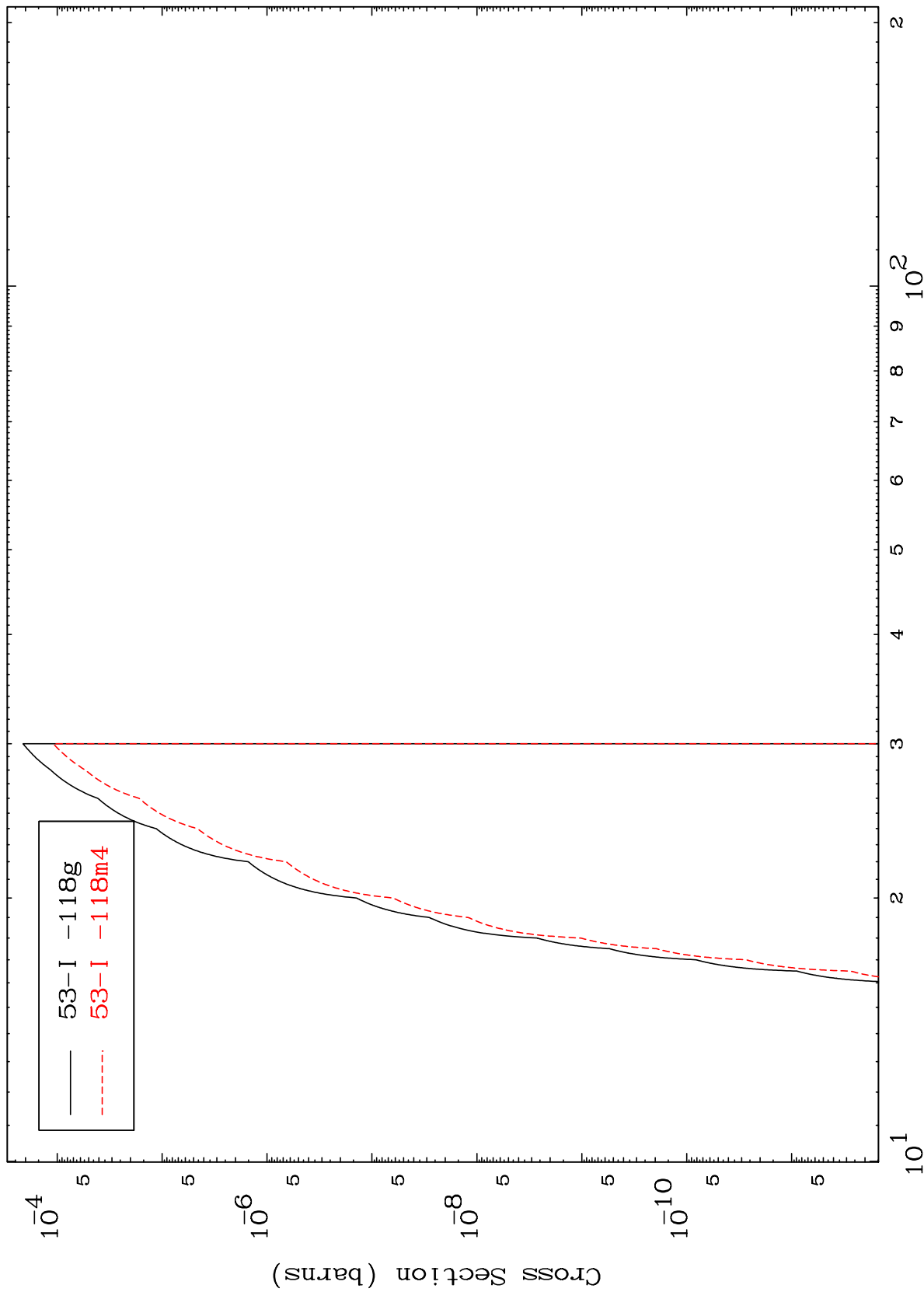
13

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(n,n')  $\alpha$

55-Cs-123m

Radionuclide Production Cross Section



Incident Energy (MeV)

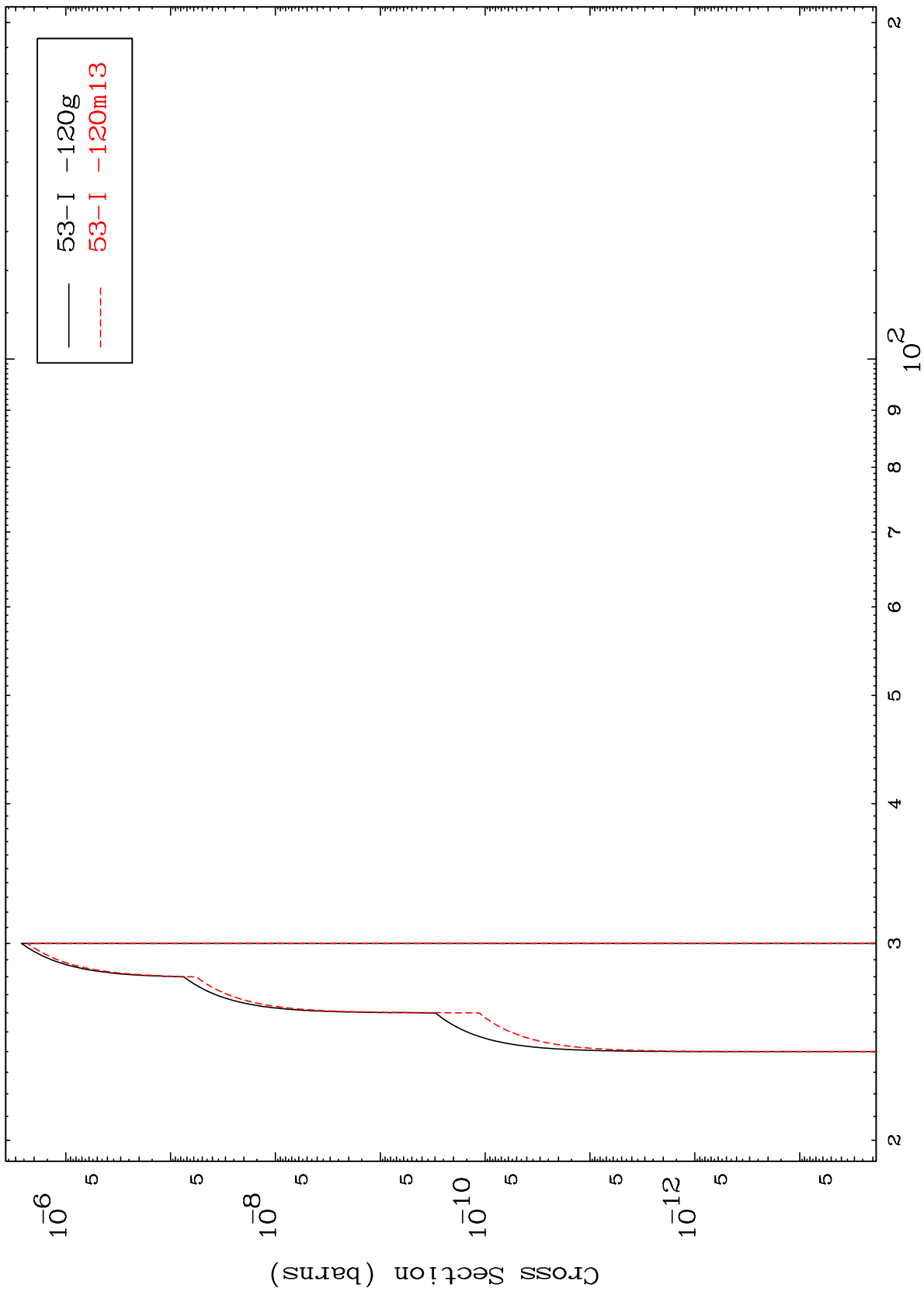
55-Cs-123m

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55-Cs-123m

(n,2n) p  
Radionuclide Production Cross Section



55-Cs-123m

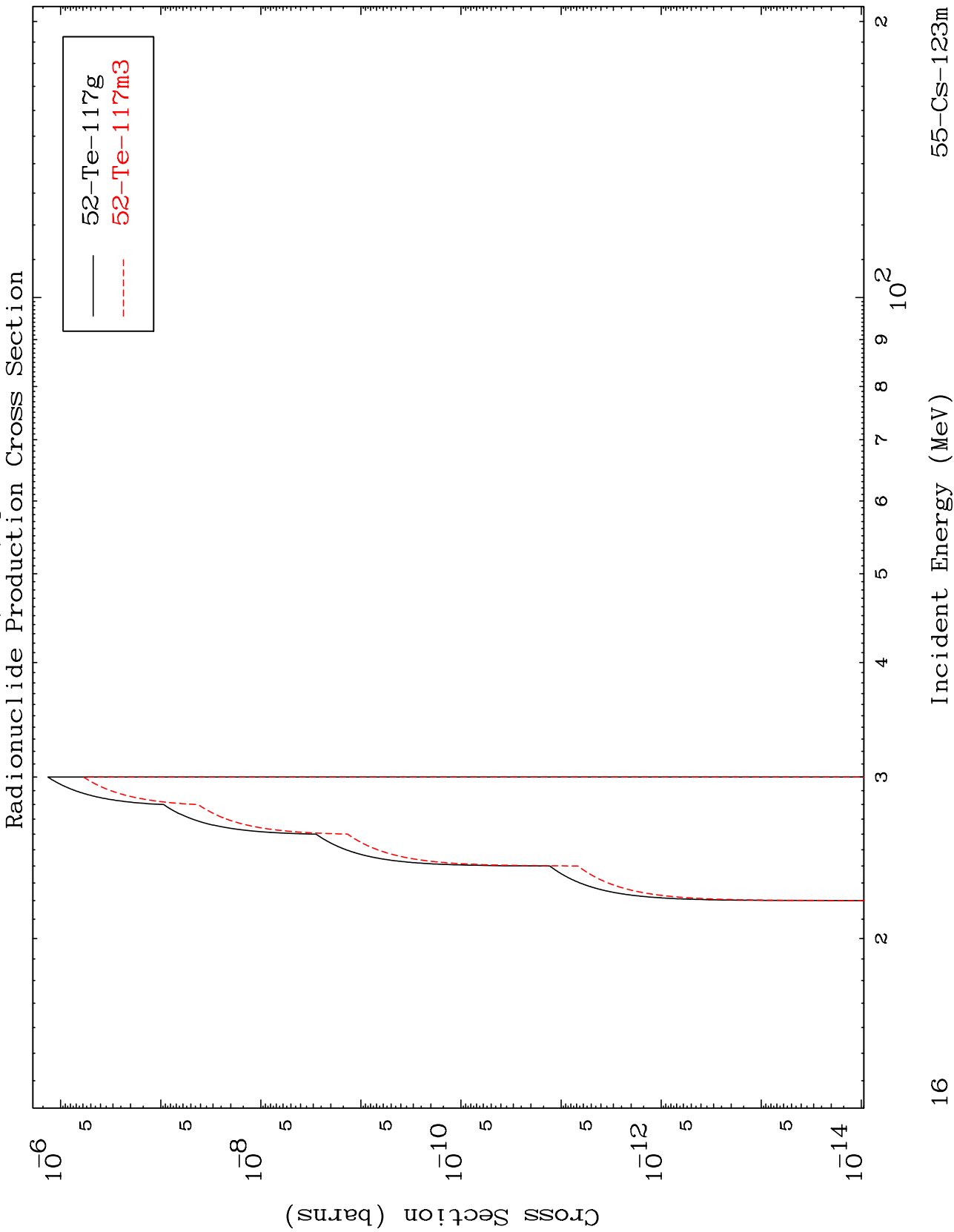
Incident Energy (MeV)

15

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(n,n') p  $\alpha$

55-Cs-123m



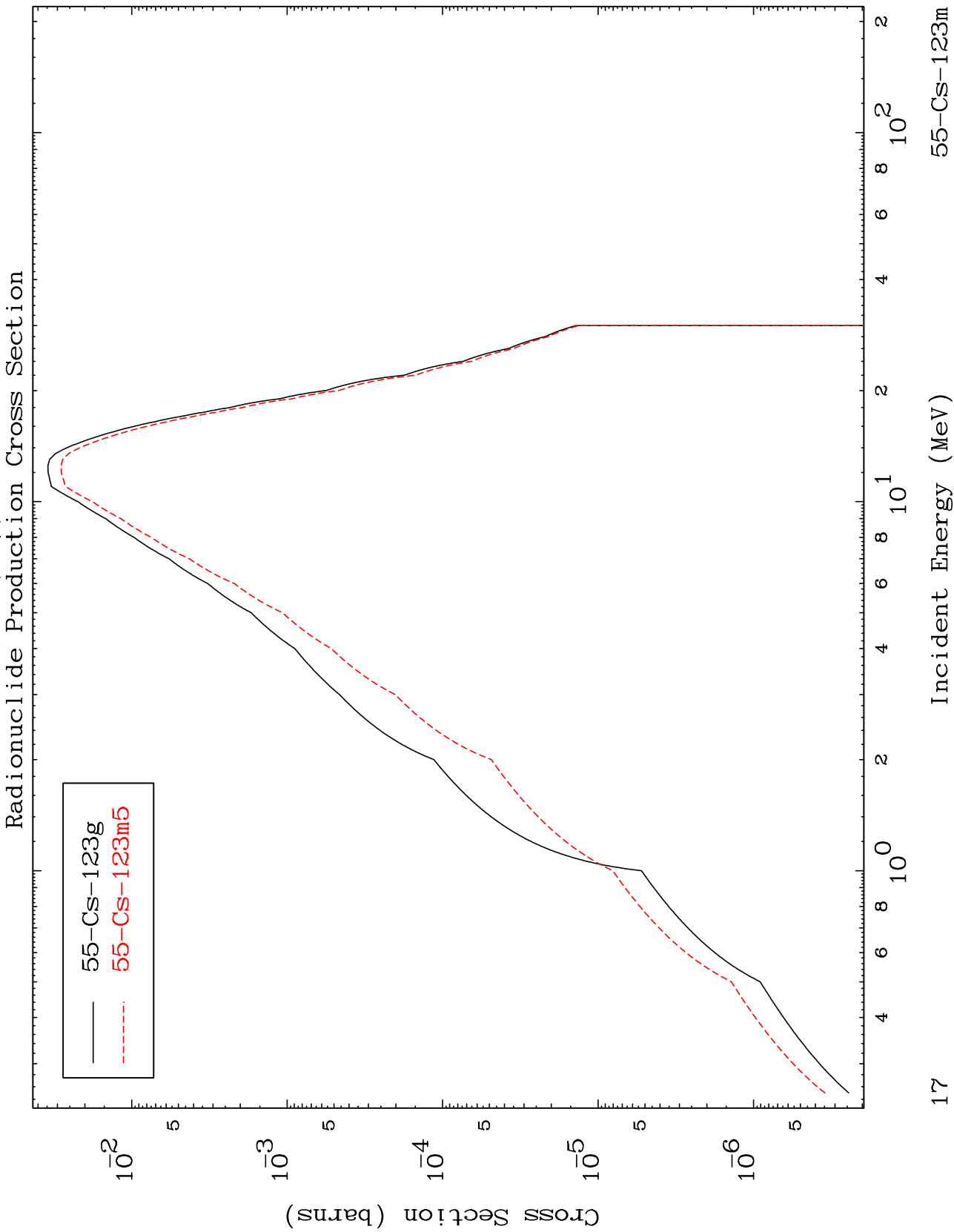
16

Incident Energy (MeV)

55-Cs-123m

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55-Cs-123m

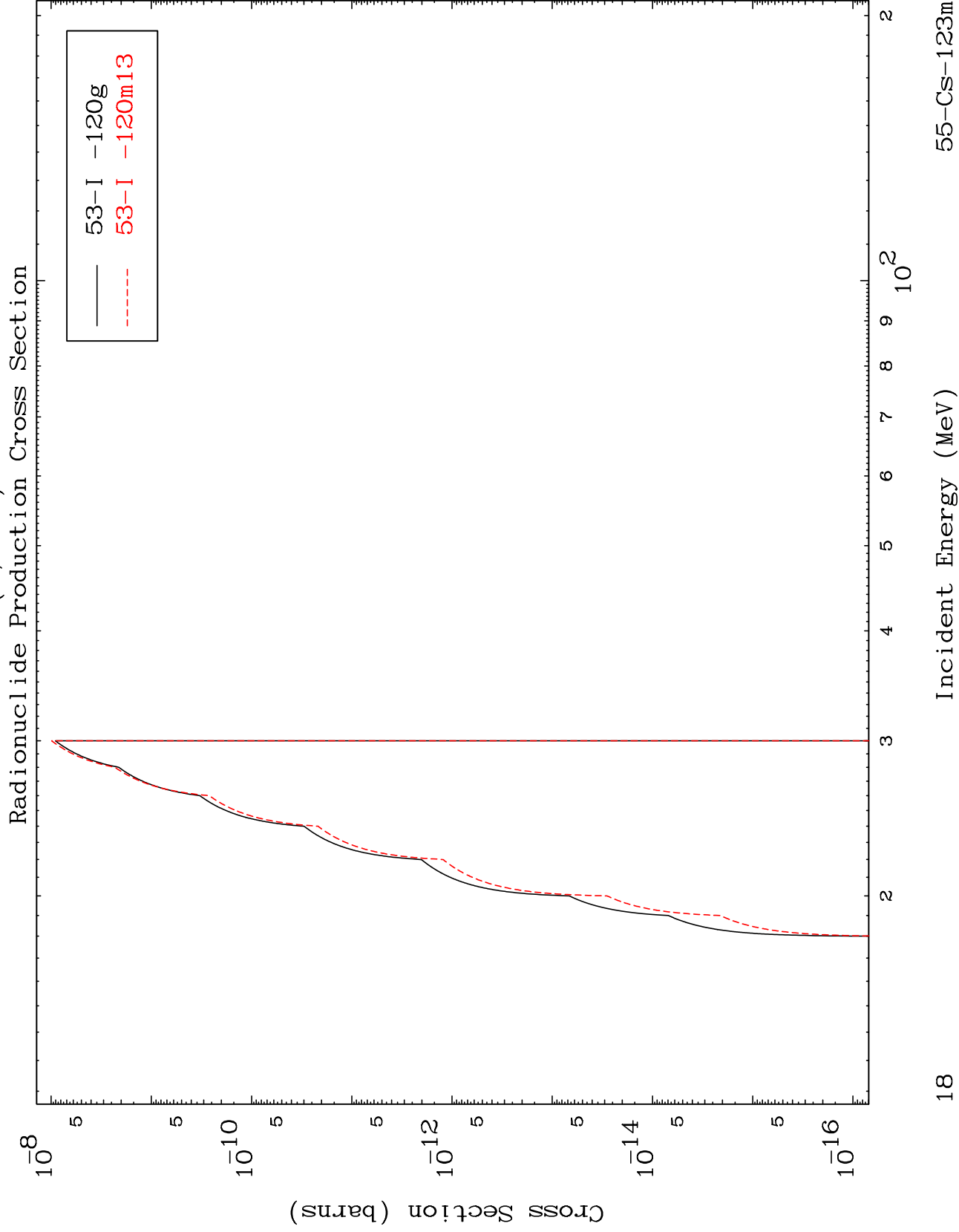


— 55-Cs-123g  
- - - 55-Cs-123m5

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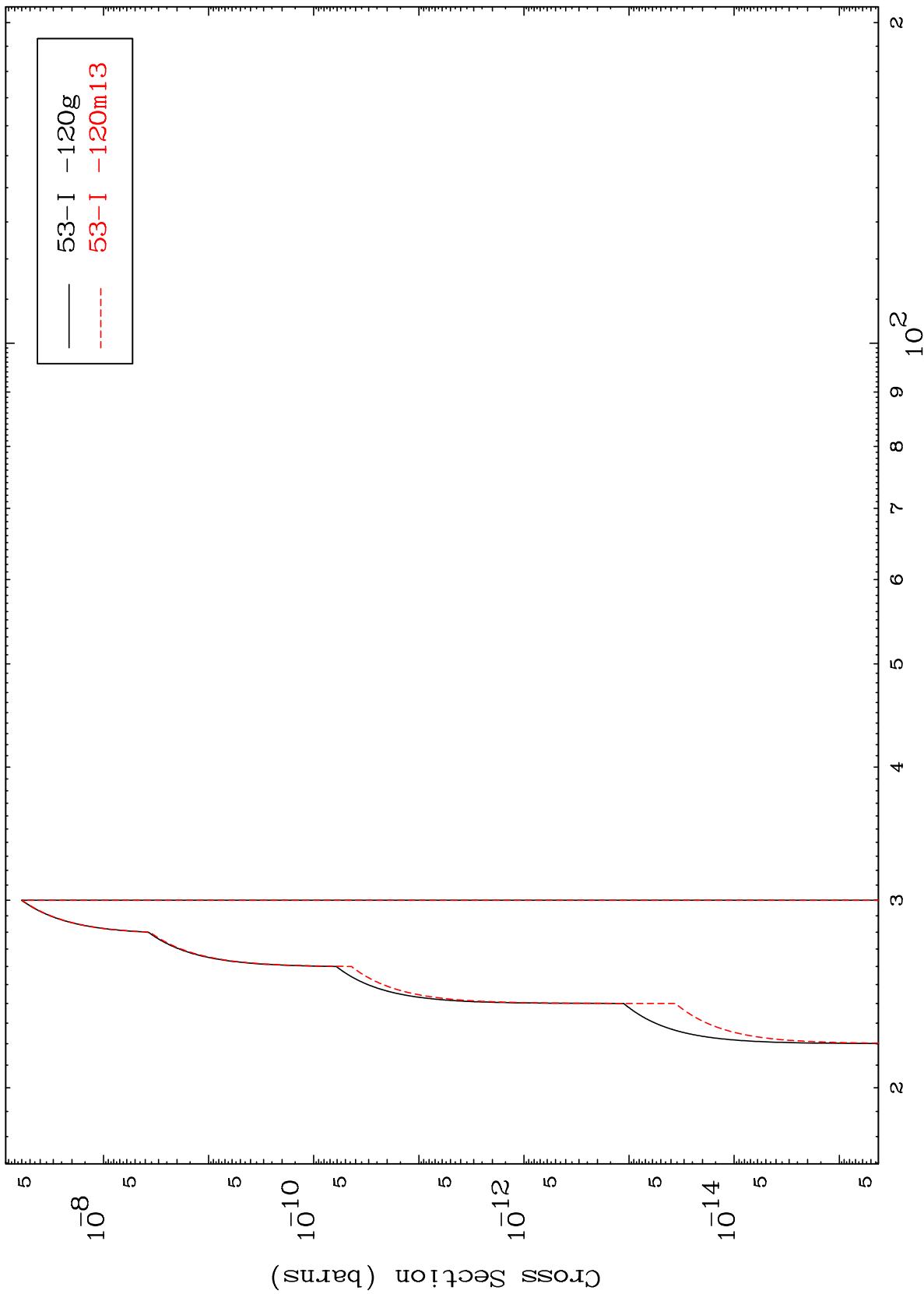
(n,He-3)

55-Cs-123m



18

Radionuclide Production Cross Section

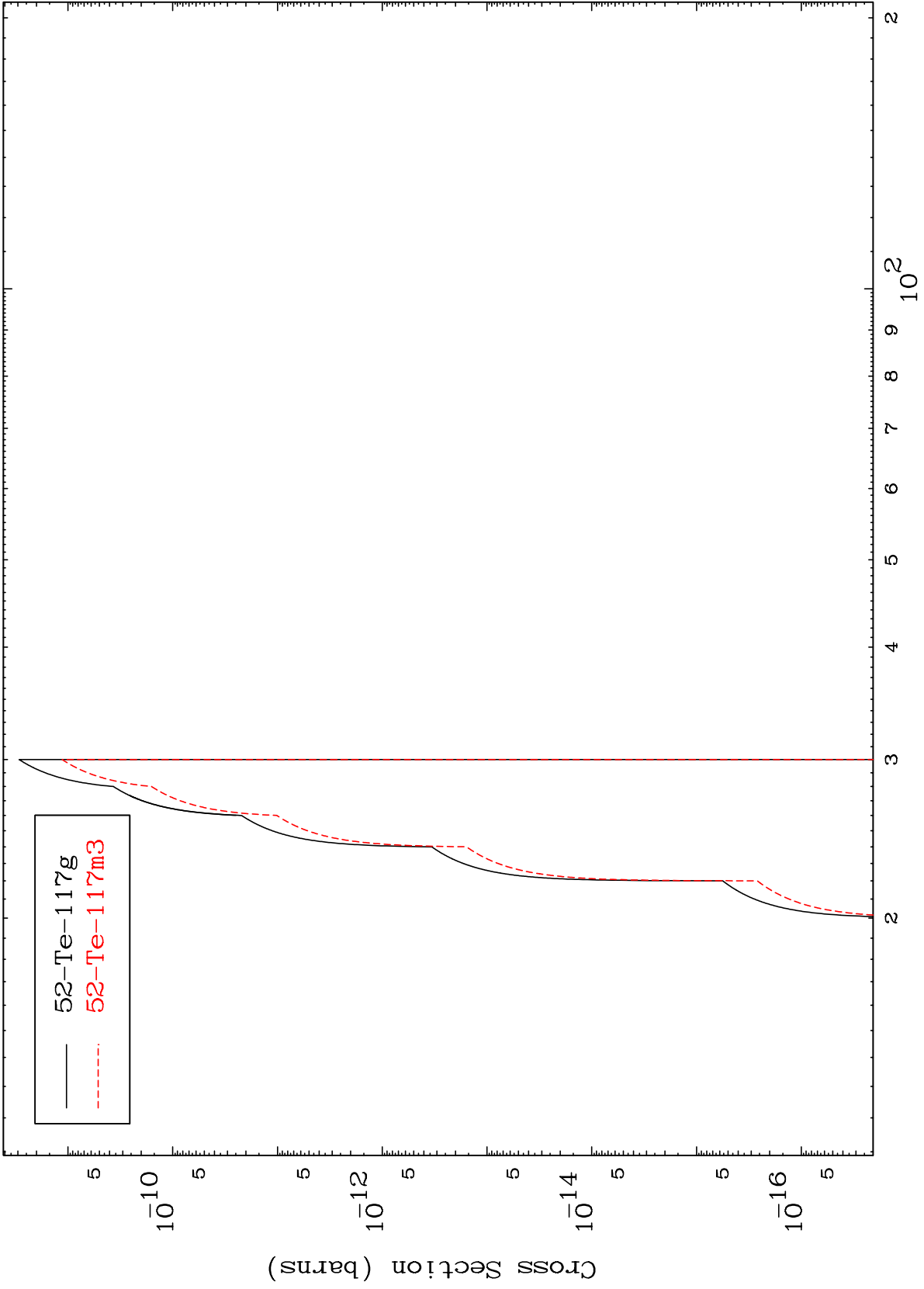


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(n,d)  $\alpha$

55-Cs-123m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

55-Cs-123m