

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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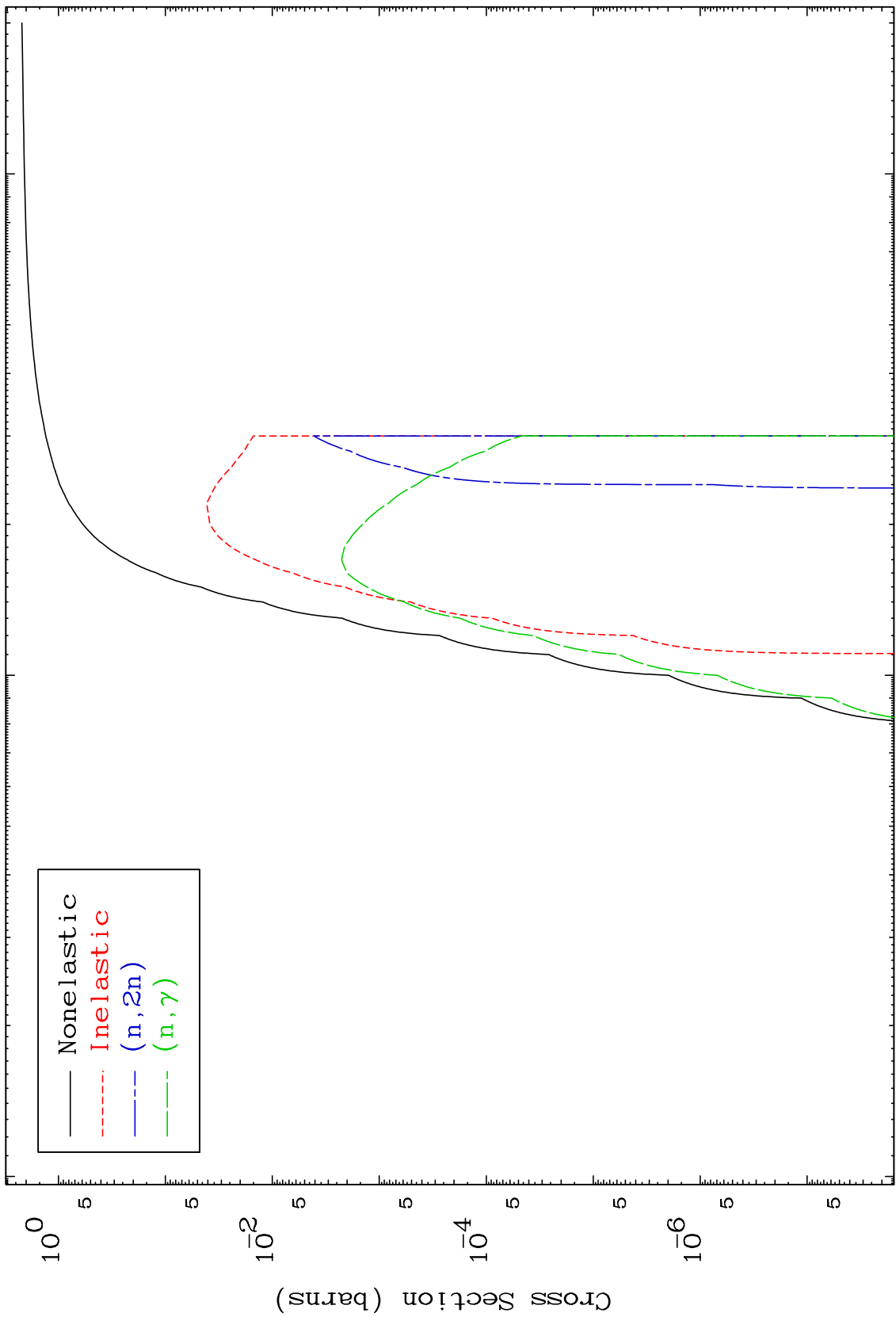
Press Mouse Button to Start

MAT 5487

$\alpha$  Major

55-Cs-120m

0 Kelvin Cross Sections



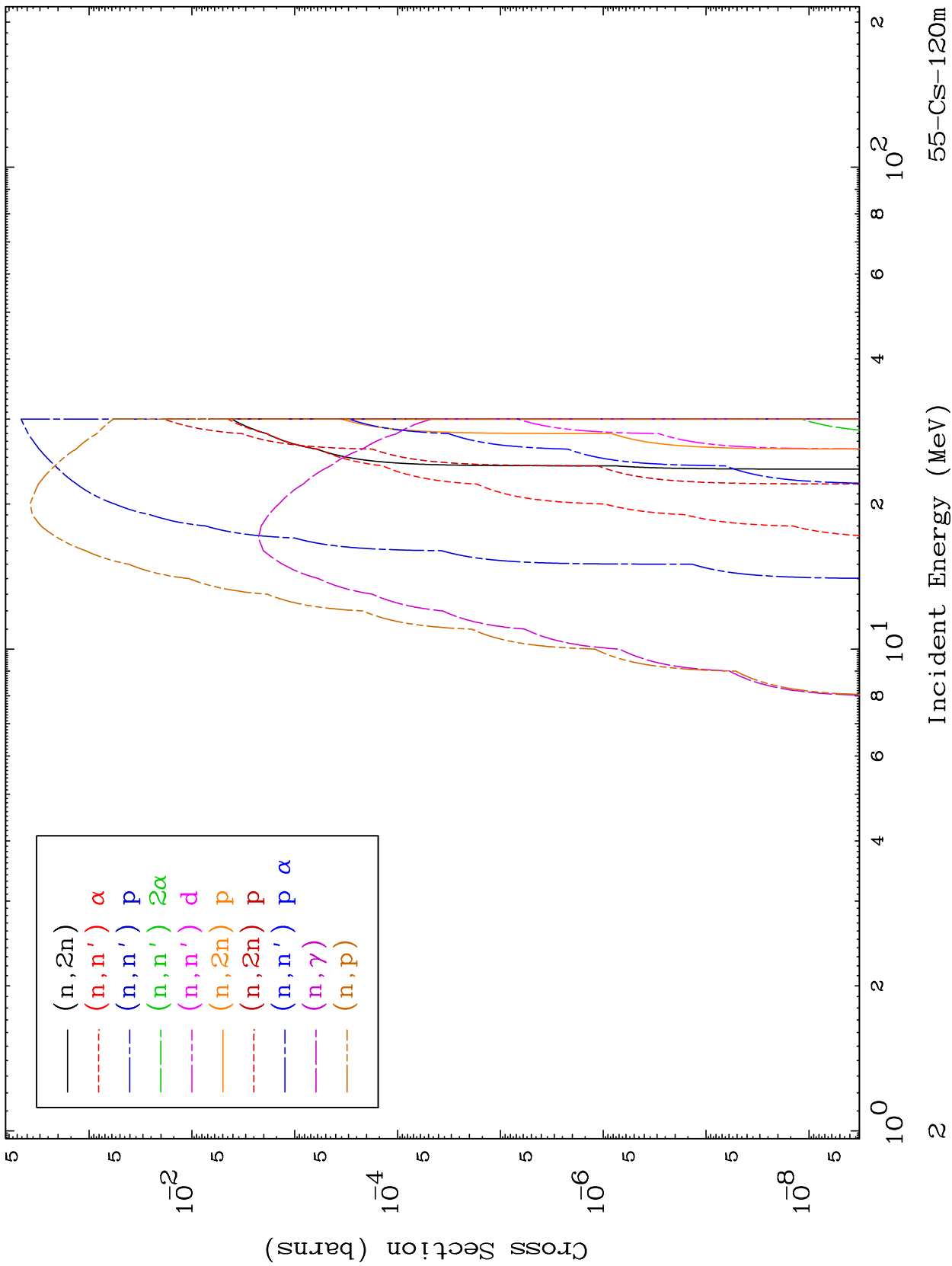
Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n,  $\gamma$ )

10<sup>0</sup> 5 10<sup>-2</sup> 5 10<sup>-4</sup> 5 10<sup>-6</sup> 5 10<sup>-8</sup> 5 10<sup>-10</sup> 1 2 4 6 8 10<sup>2</sup> 200 Incident Energy (MeV) 55-Cs-120m

MAT 5487

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

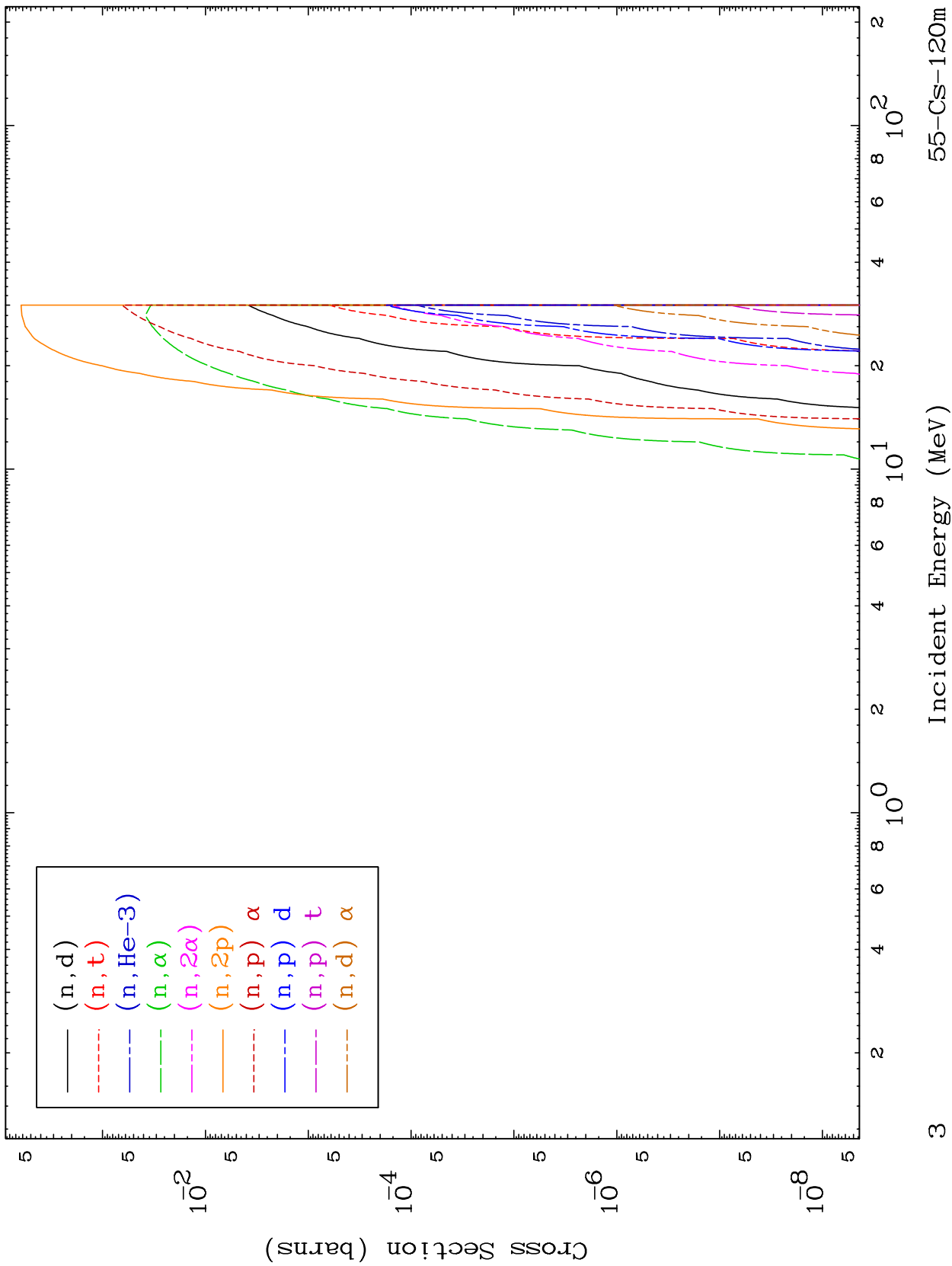
55-Cs-120m

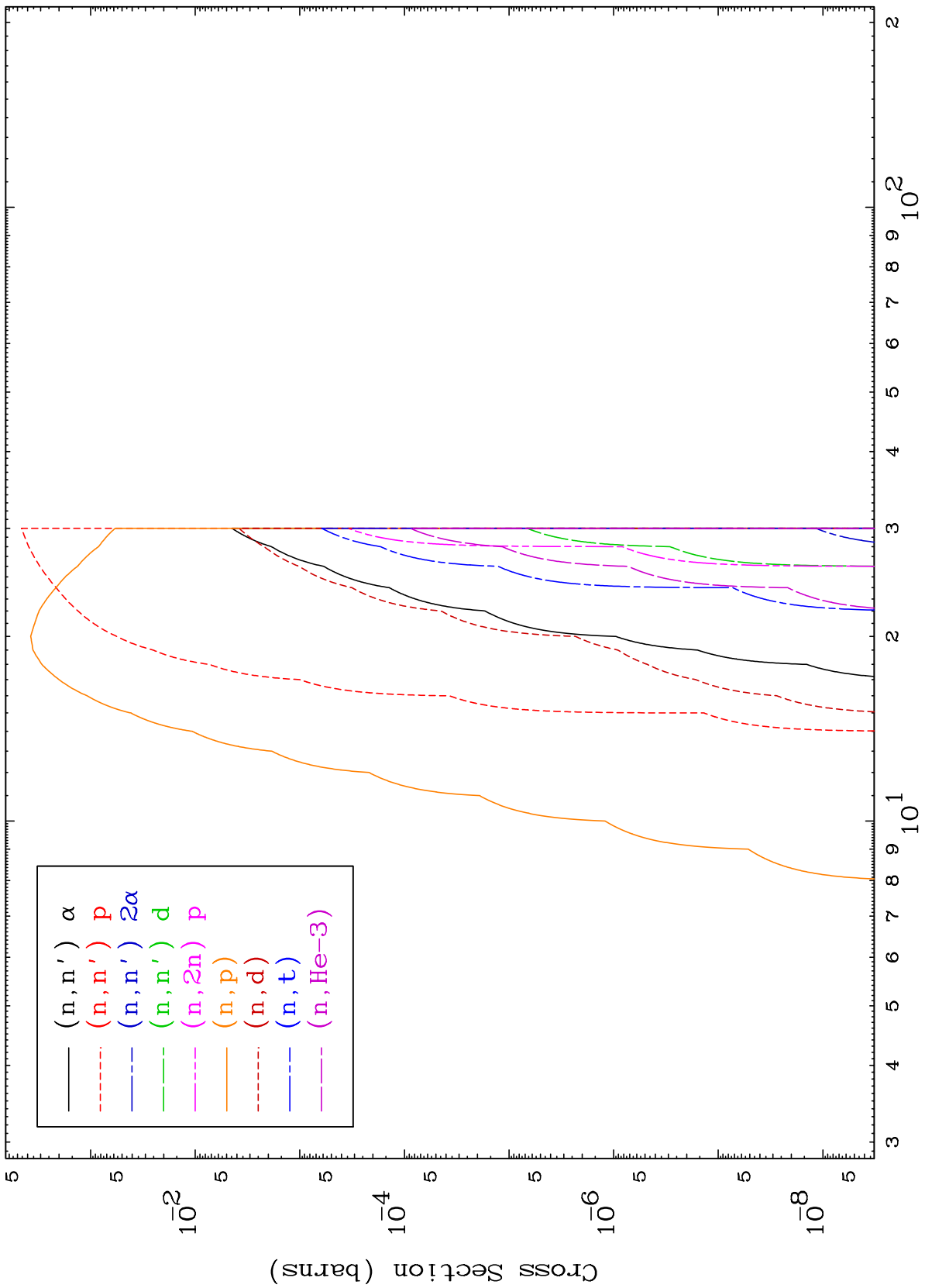


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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

55-Cs-120m

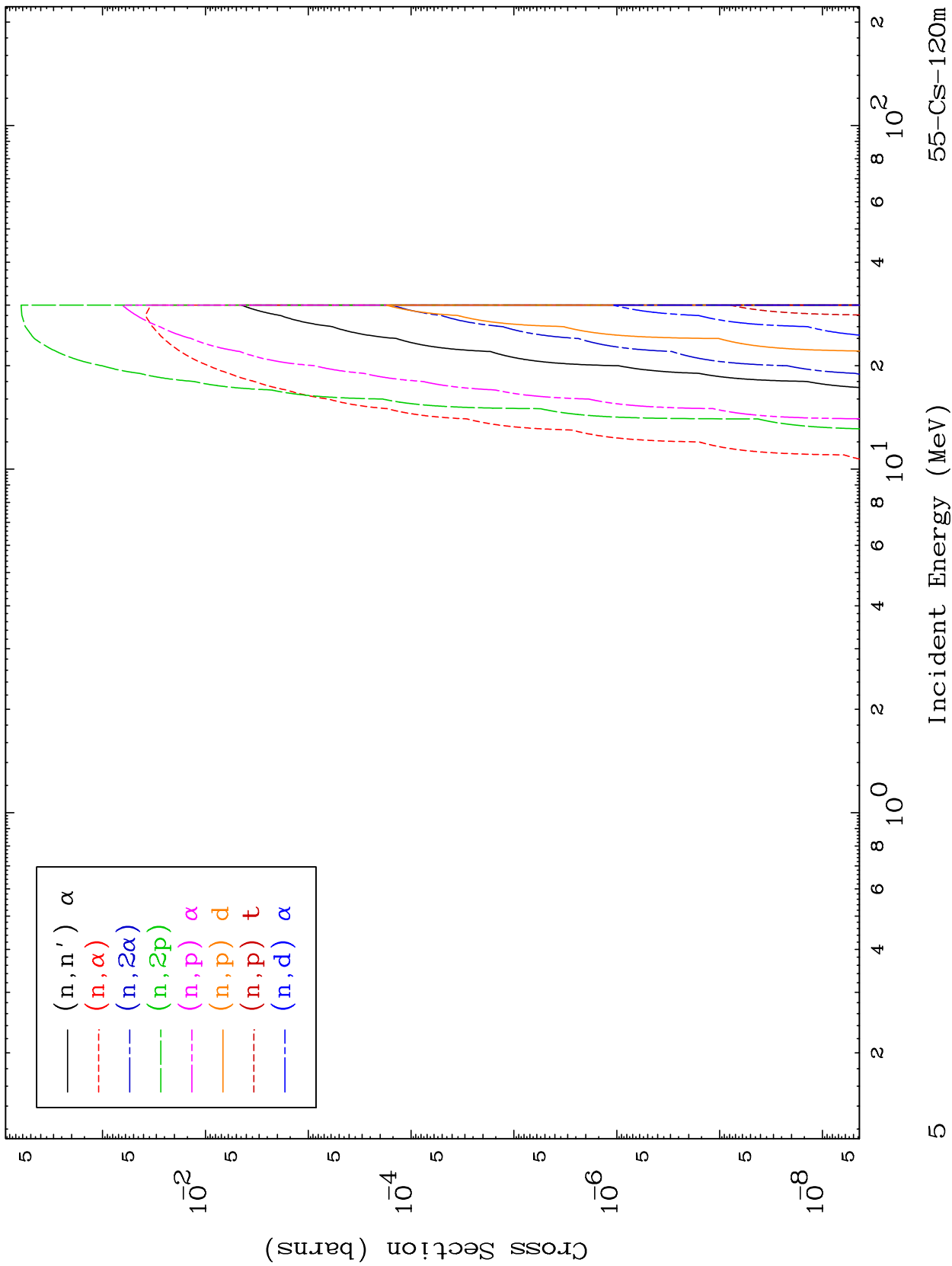




MAT 5487

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

55-Cs-120m

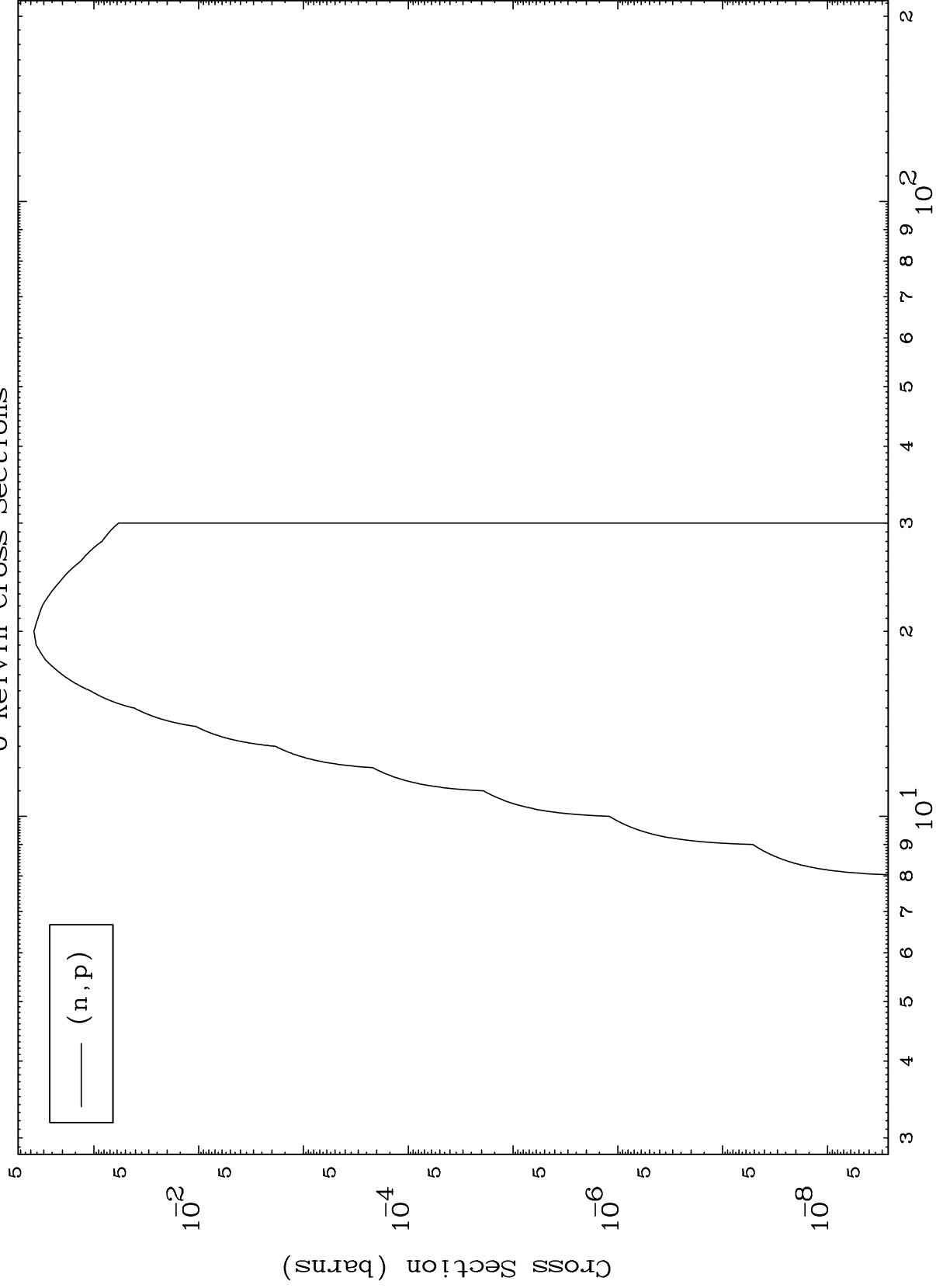


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( $\alpha, p$ ) Levels

55-Cs-120m

0 Kelvin Cross Sections



Incident Energy (MeV)

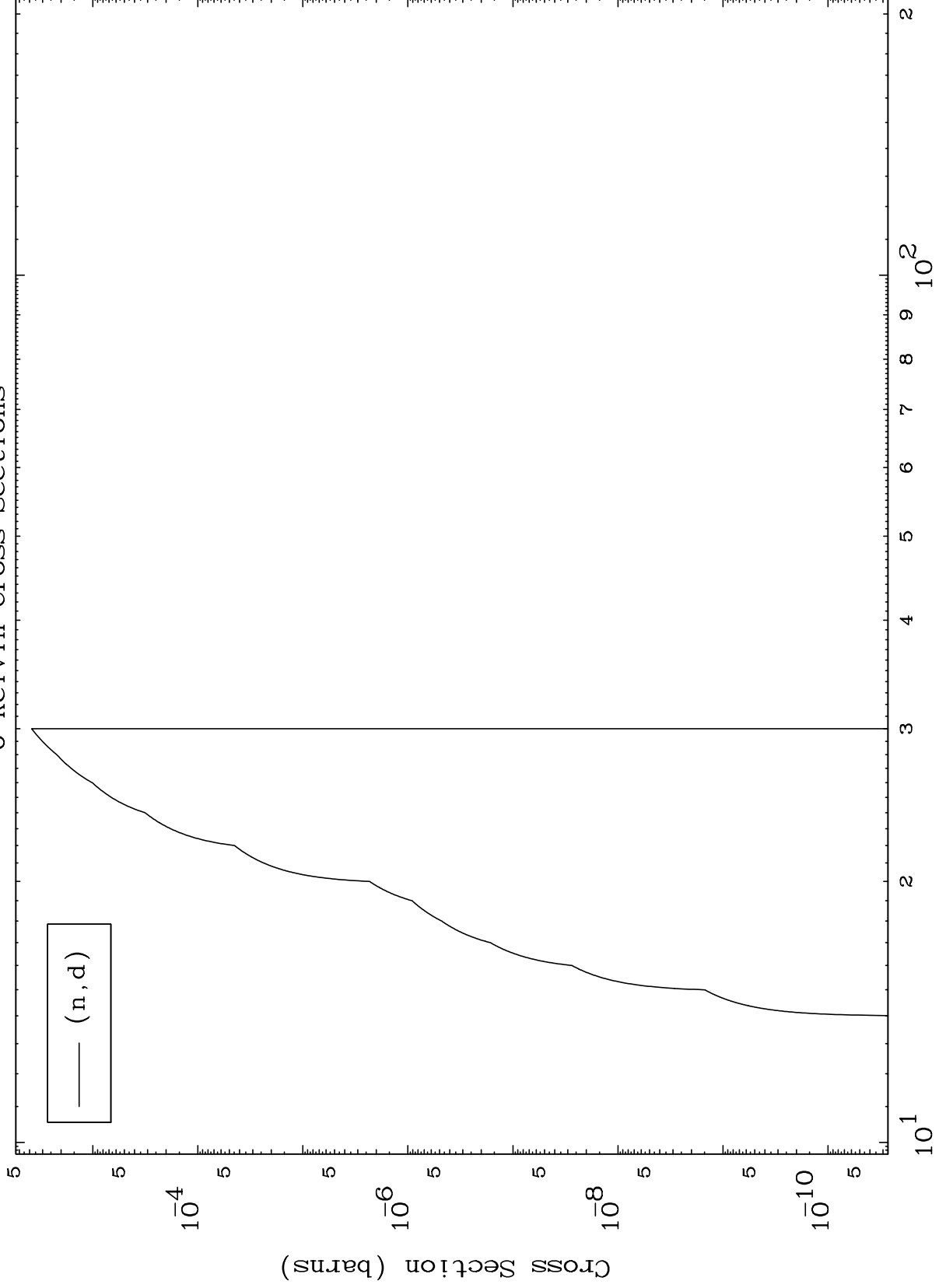
55-Cs-120m

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

55-Cs-120m



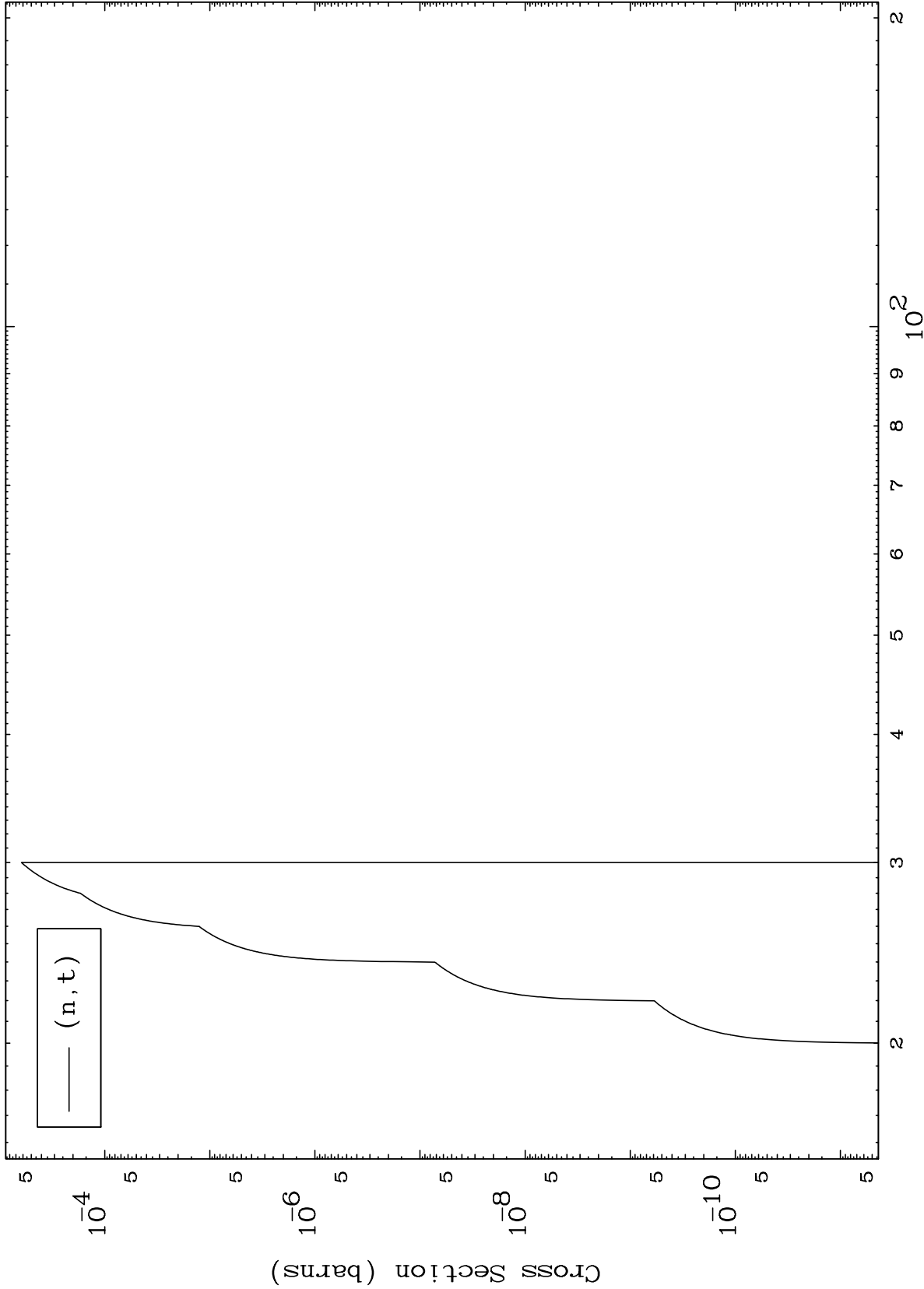
Incident Energy (MeV)

55-Cs-120m

MAT 5487

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

55-Cs-120m



8

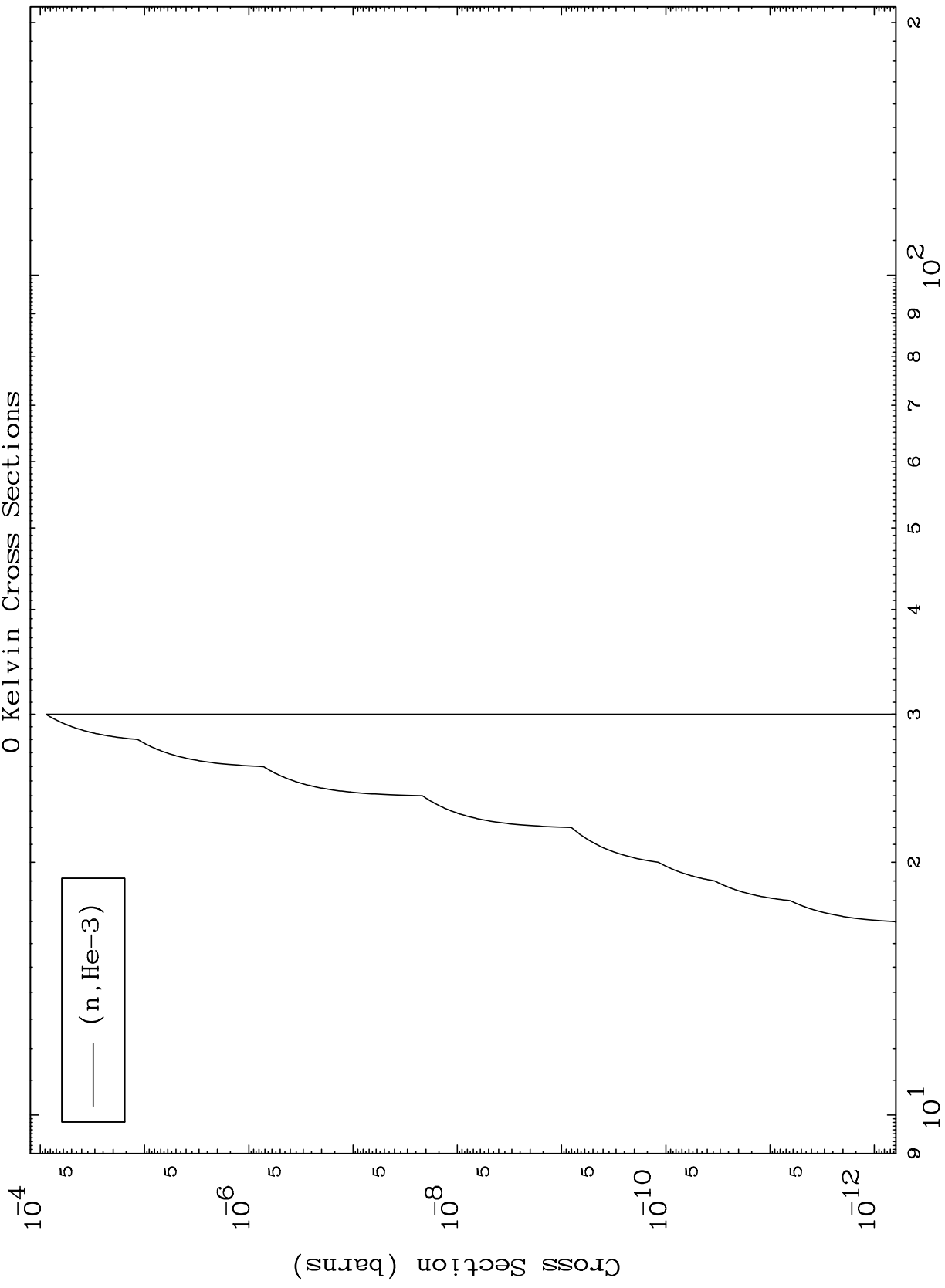
Incident Energy (MeV)

55-Cs-120m

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

55-Cs-120m



9

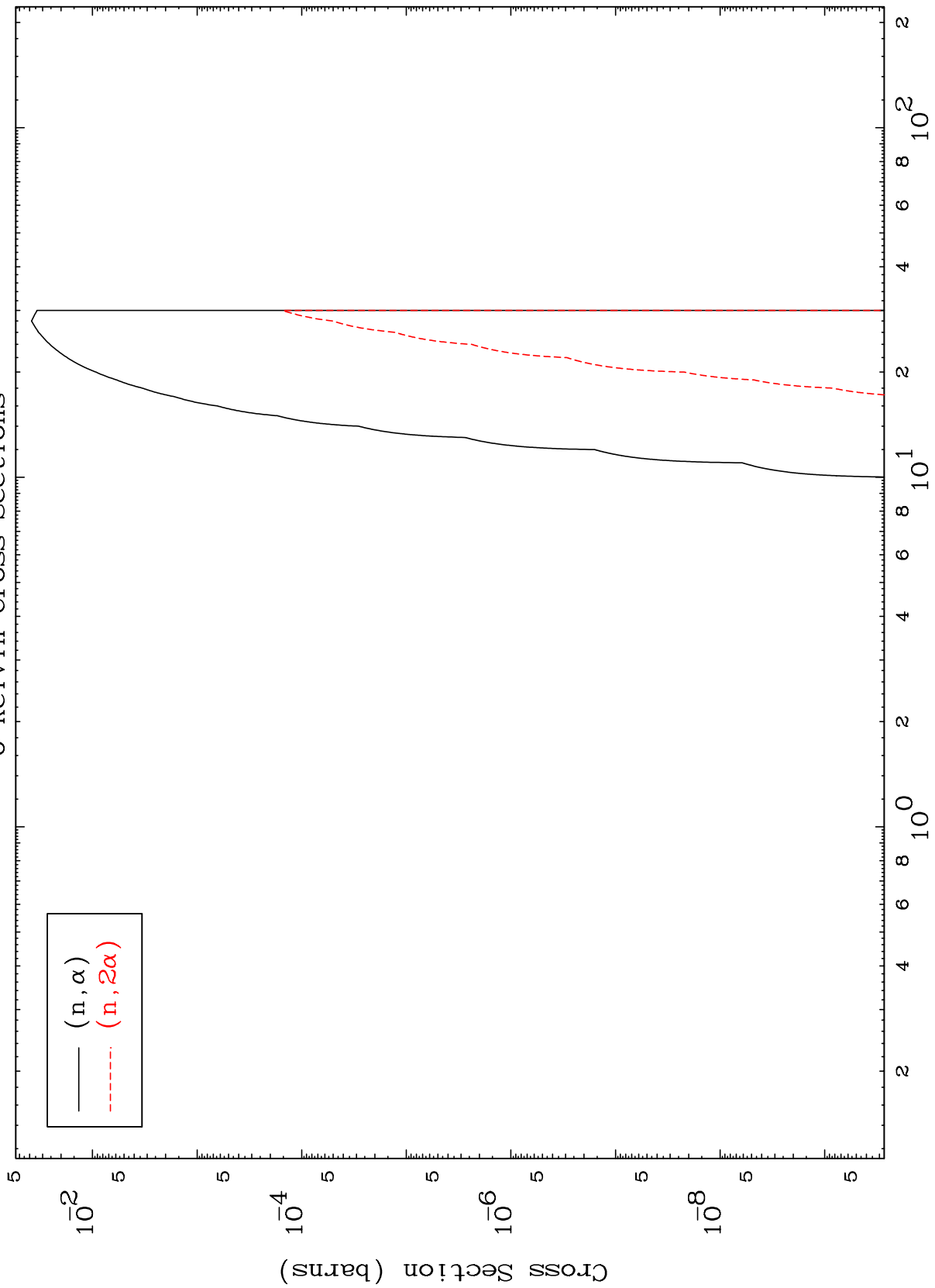
Incident Energy (MeV)

55-Cs-120m

MAT 5487

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

55-Cs-120m



10

Incident Energy (MeV)

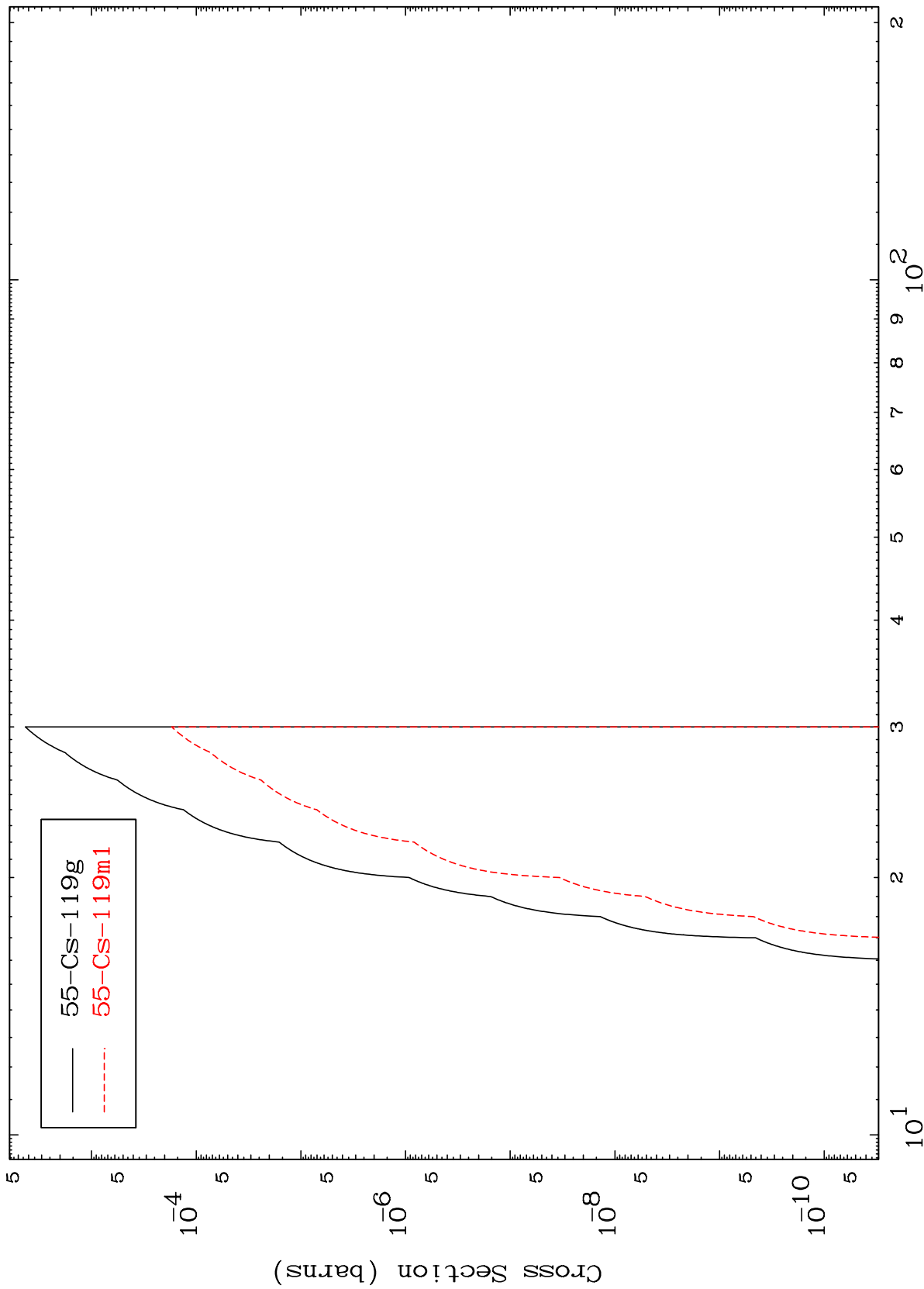
55-Cs-120m

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(n,n')  $\alpha$

55-Cs-120m

Radionuclide Production Cross Section



Incident Energy (MeV)

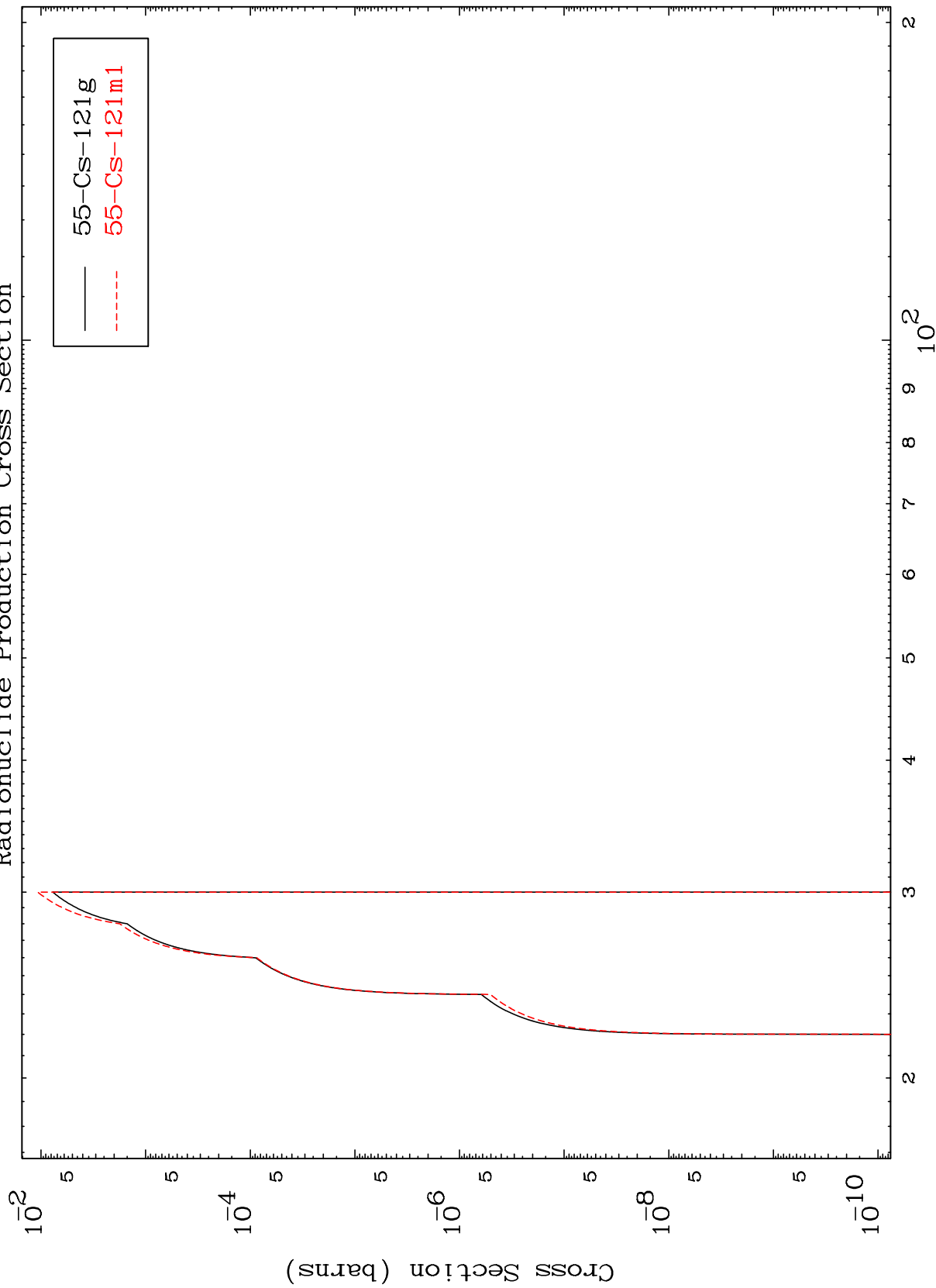
55-Cs-120m

11

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55-Cs-120m

(n,2n) p  
Radionuclide Production Cross Section



12

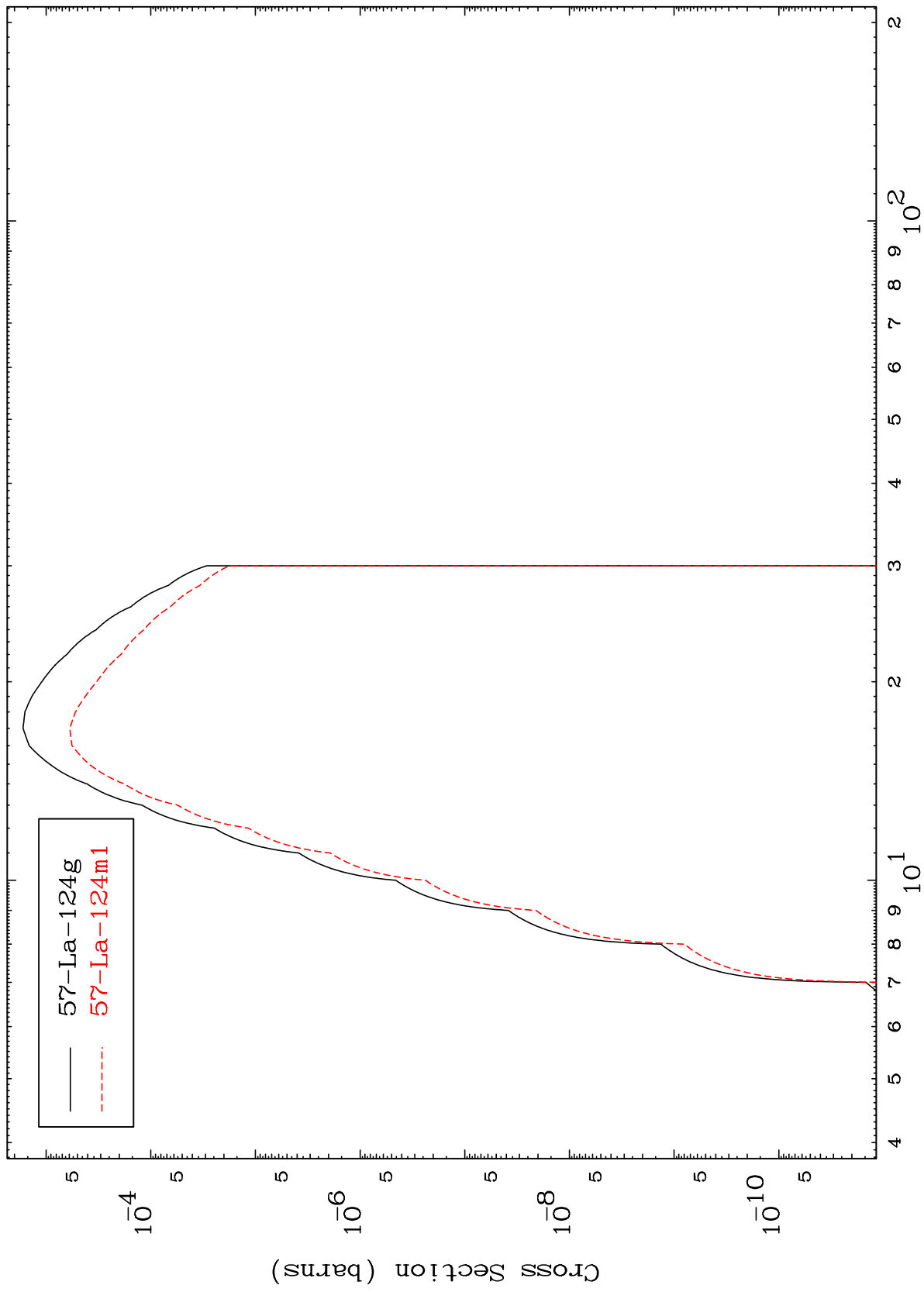
Incident Energy (MeV)

55-Cs-120m

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55-Cs-120m

Radionuclide Production Cross Section



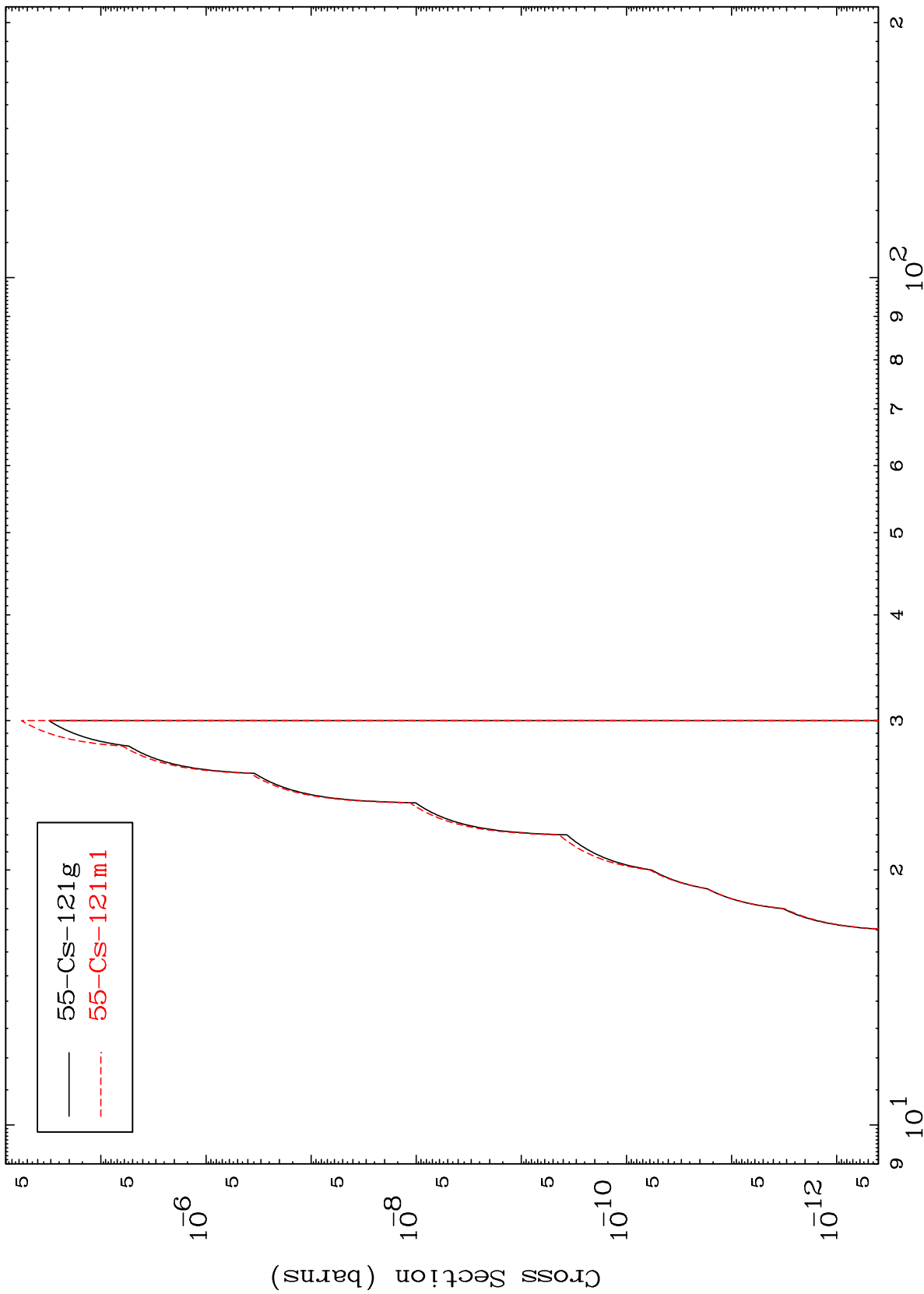
13

55-Cs-120m

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55-Cs-120m

(n,He-3)  
Radionuclide Production Cross Section



55-Cs-120m

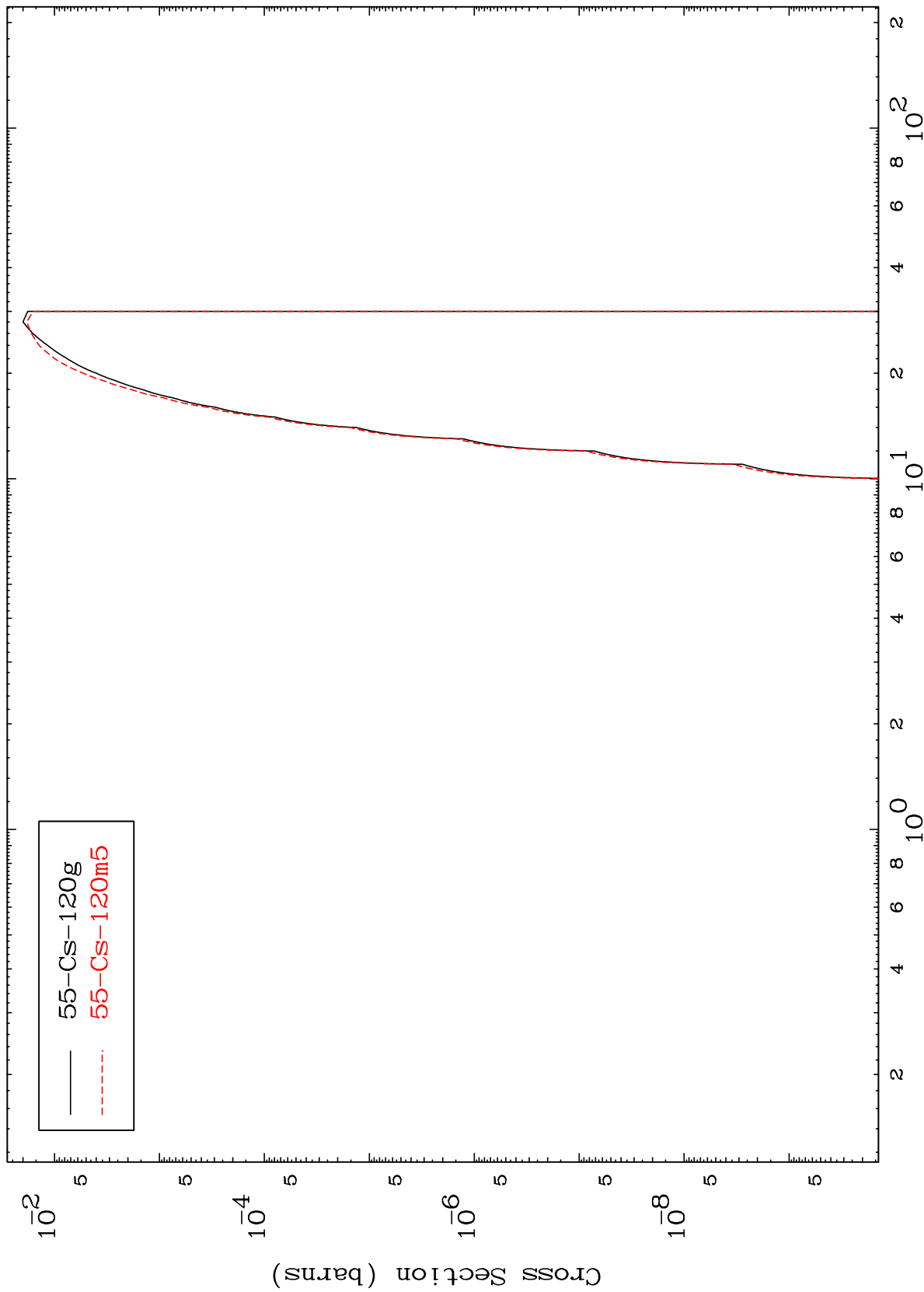
Incident Energy (MeV)

14

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55-Cs-120m

Radionuclide Production Cross Section



15

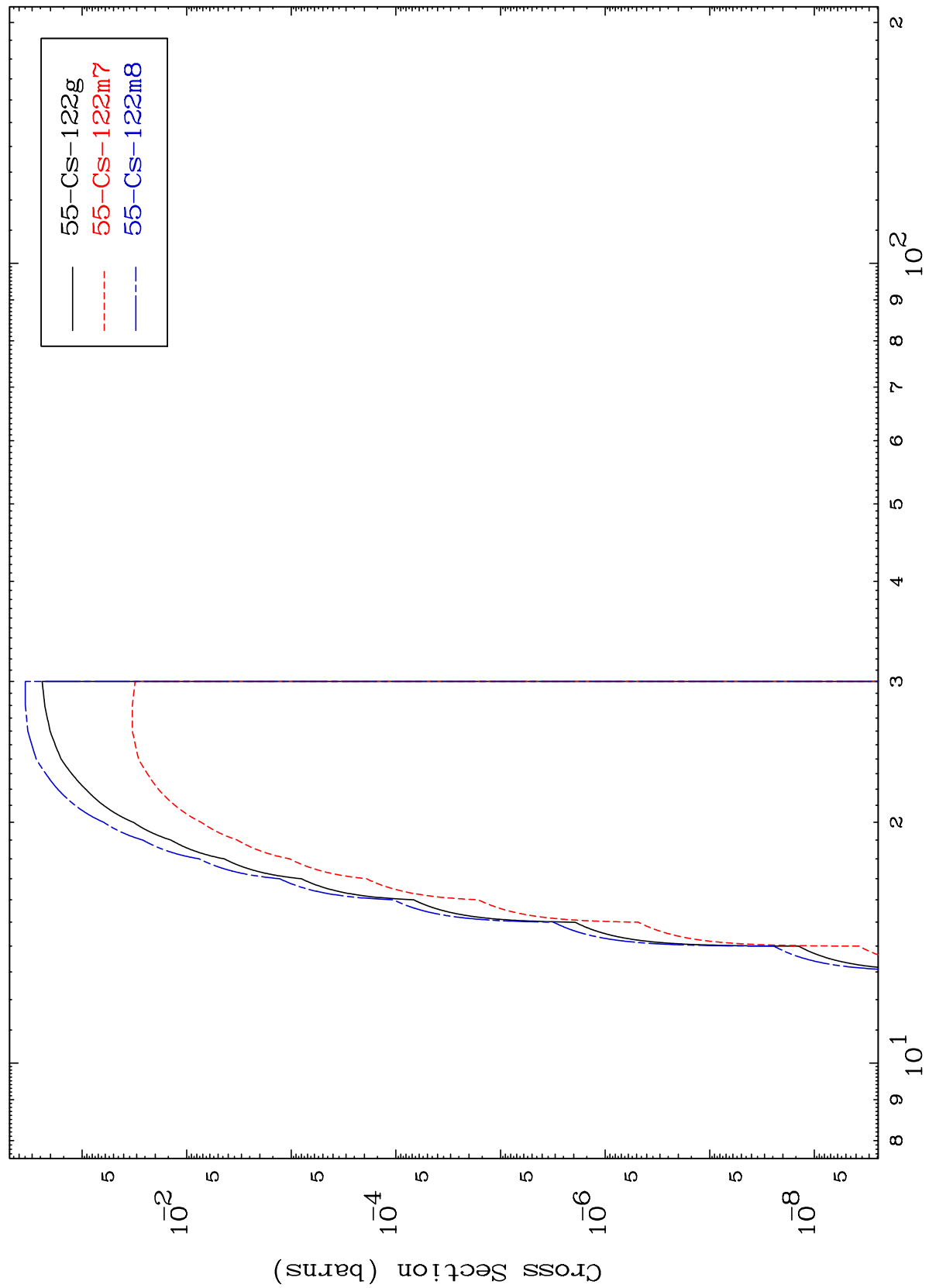
55-Cs-120m

Incident Energy (MeV)

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55-Cs-120m

(n,2p)  
Radionuclide Production Cross Section



55-Cs-120m

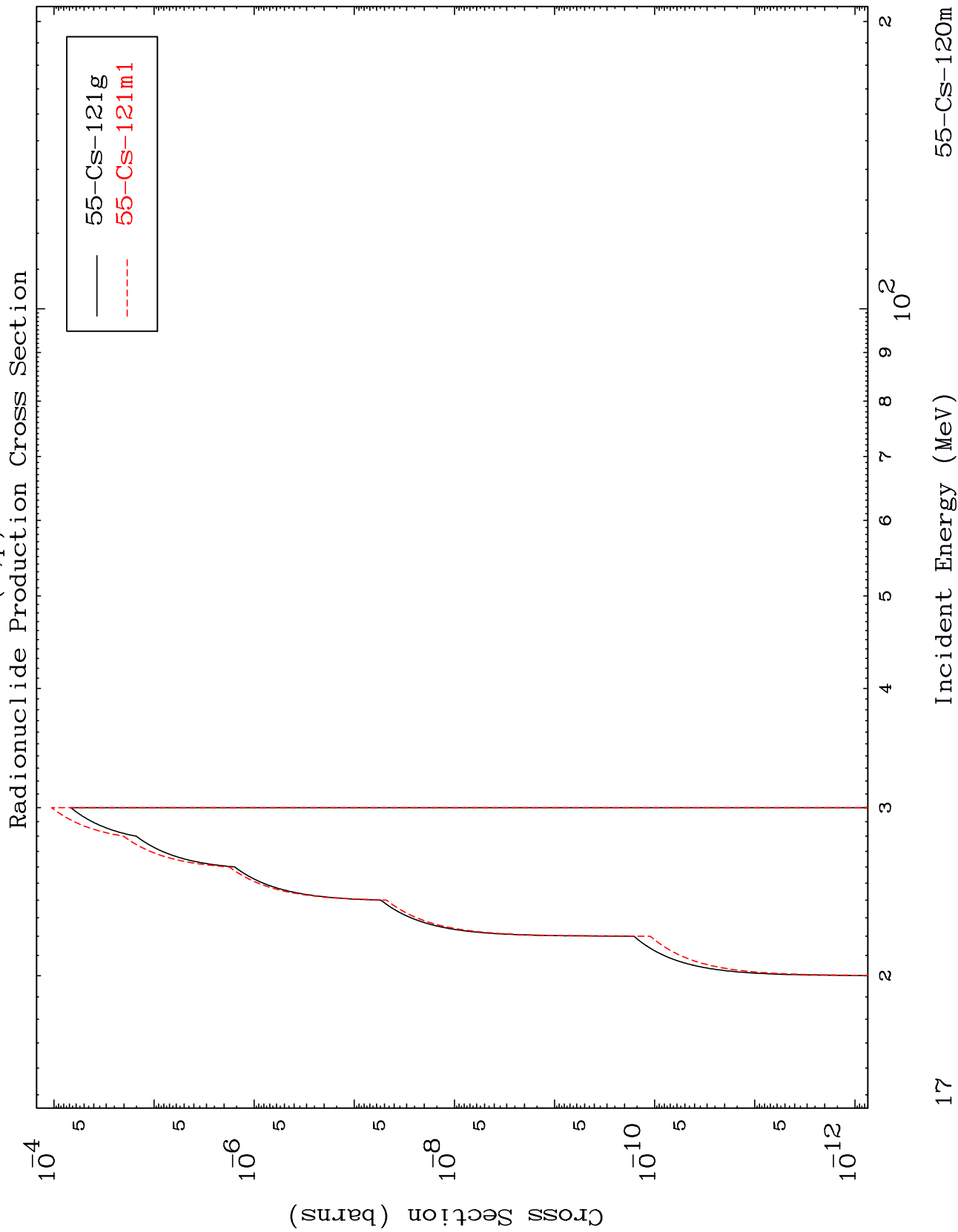
Incident Energy (MeV)

16

MAT 5487

(n,p) d

55-Cs-120m

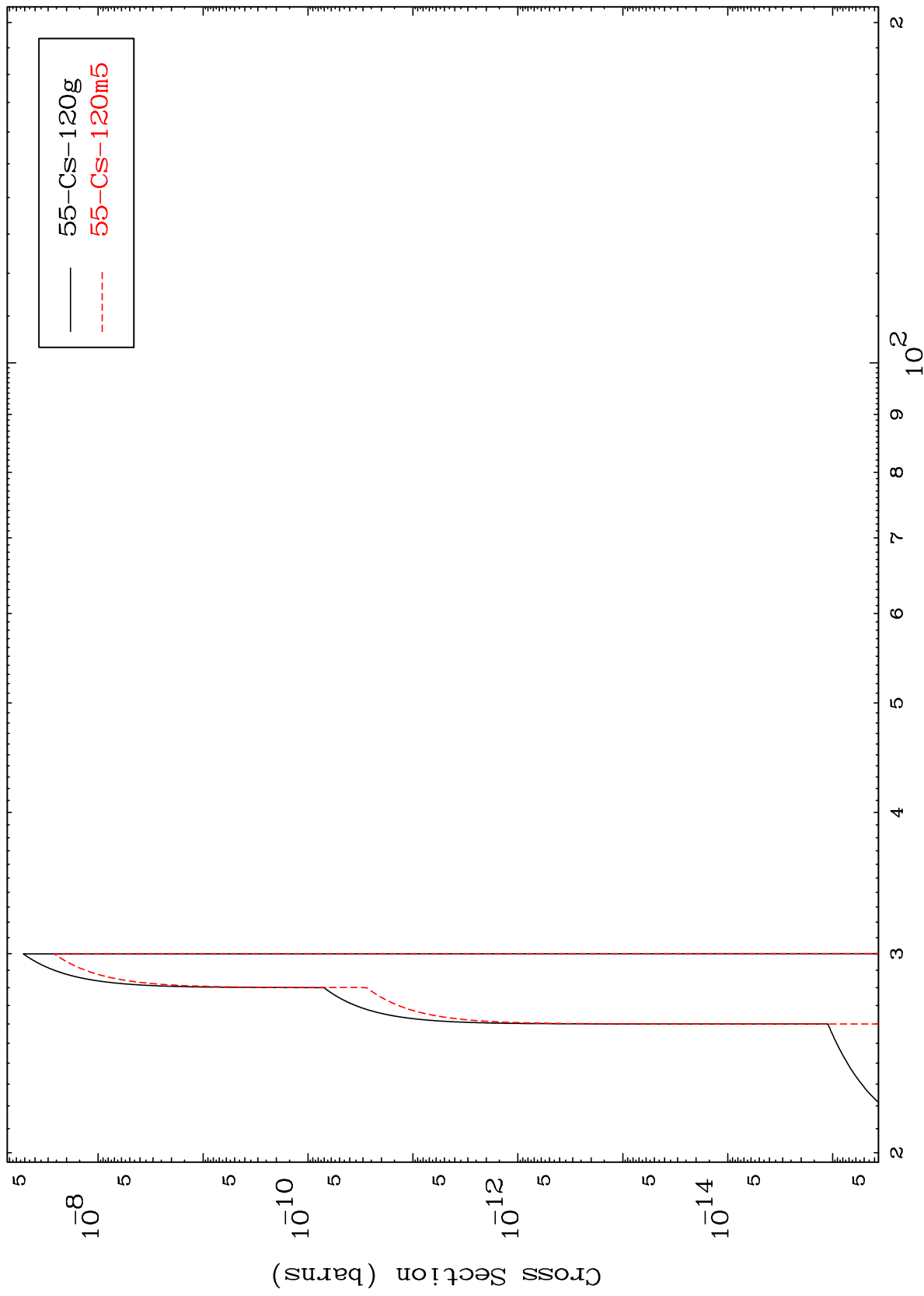


MAT 5487

(n,p) t

55-Cs-120m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

55-Cs-120m