

Program EVALPLOT  
(Version 2018-1)

by

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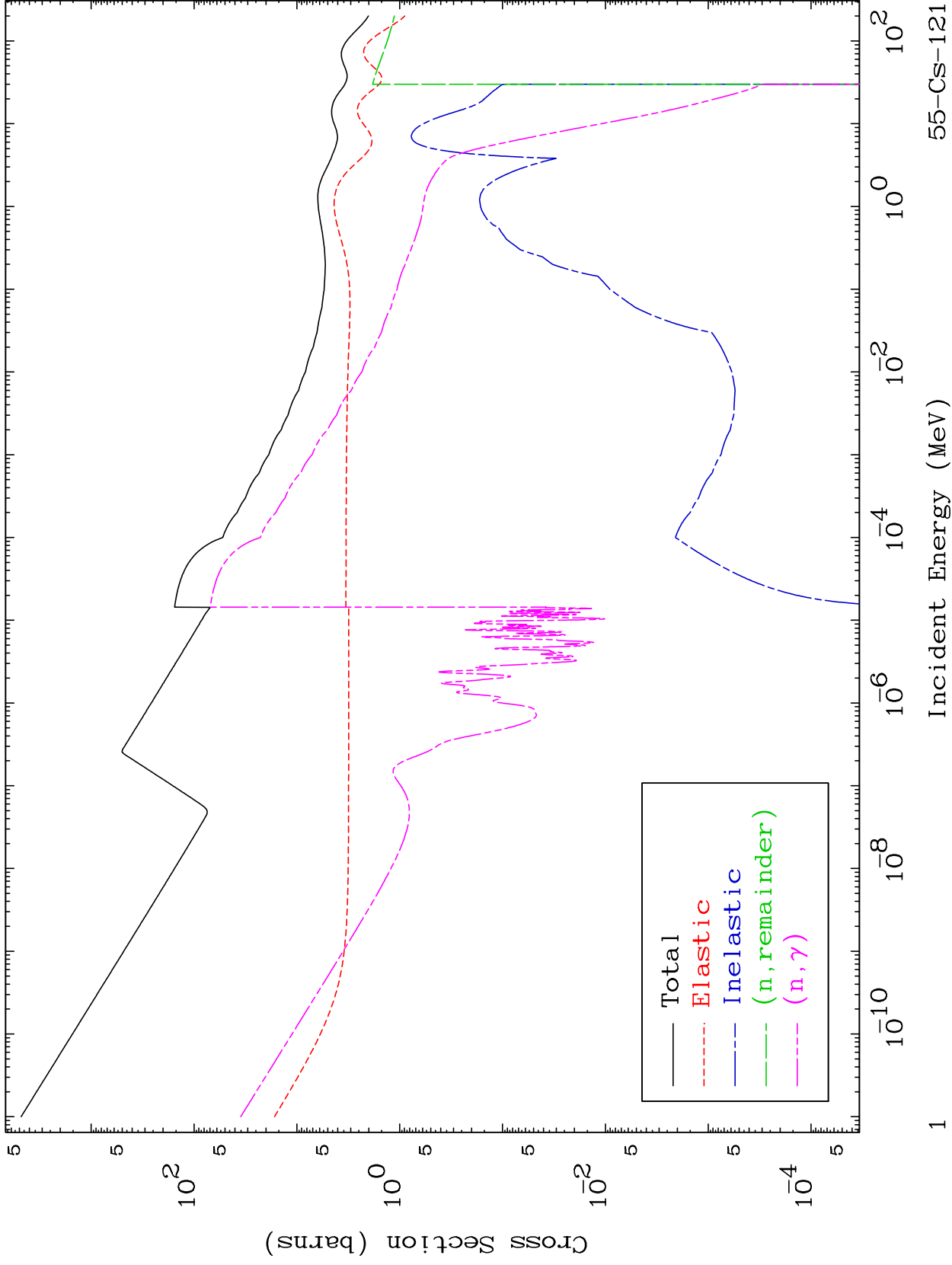
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5490

Major  
293 Kelvin Cross Sections

55-Cs-121

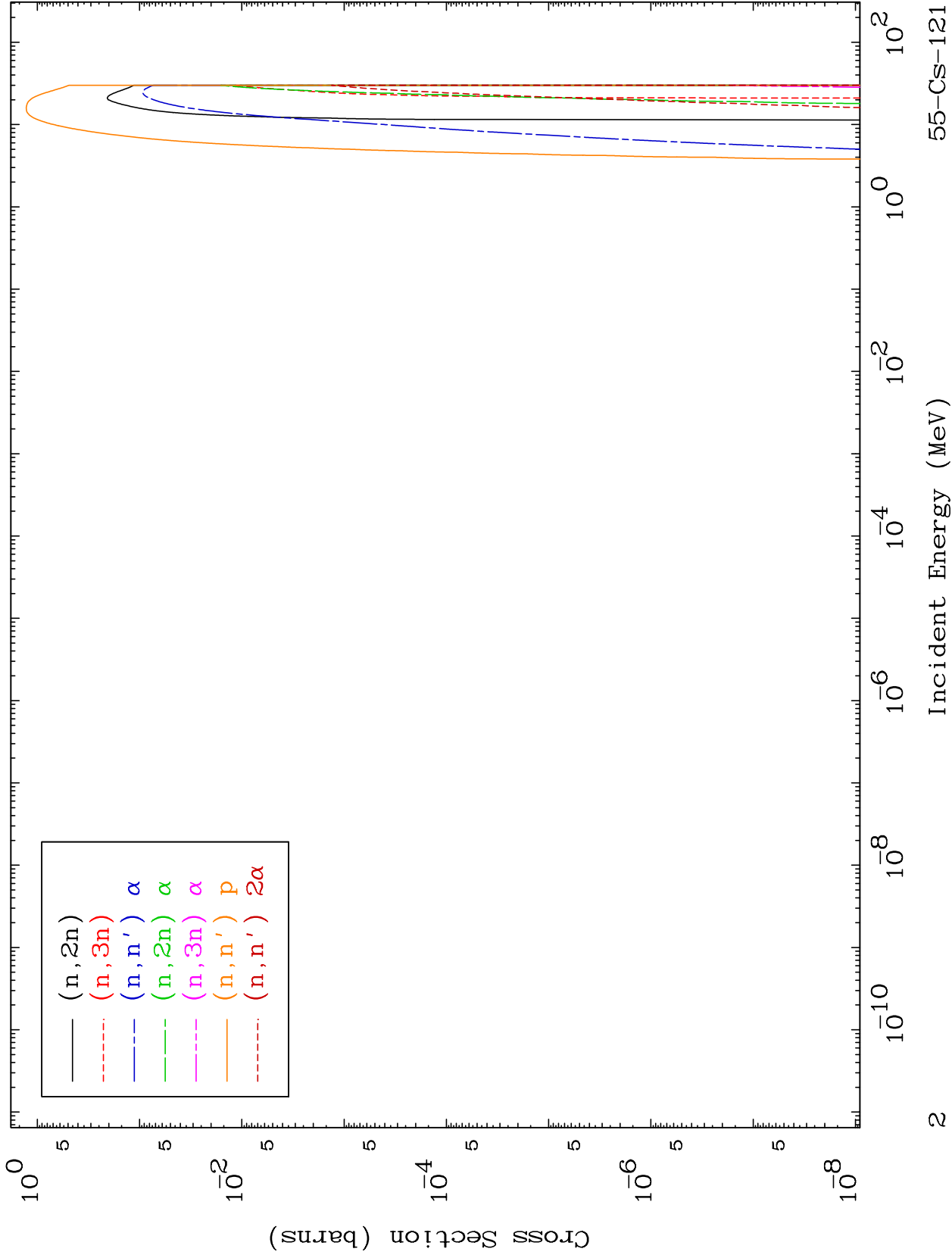


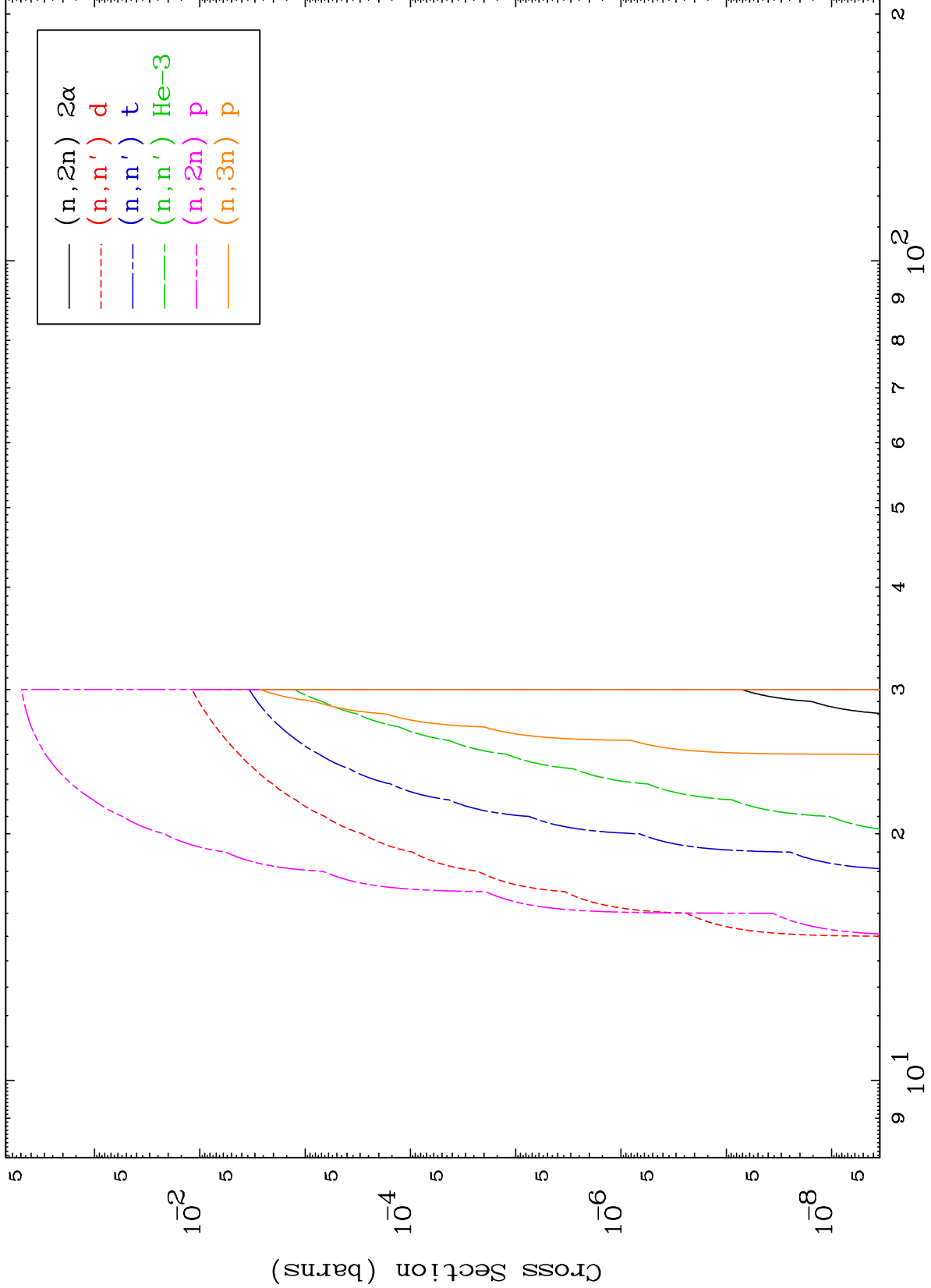
1

MAT 5490

Neutron Production  
293 Kelvin Cross Sections

55-Cs-121

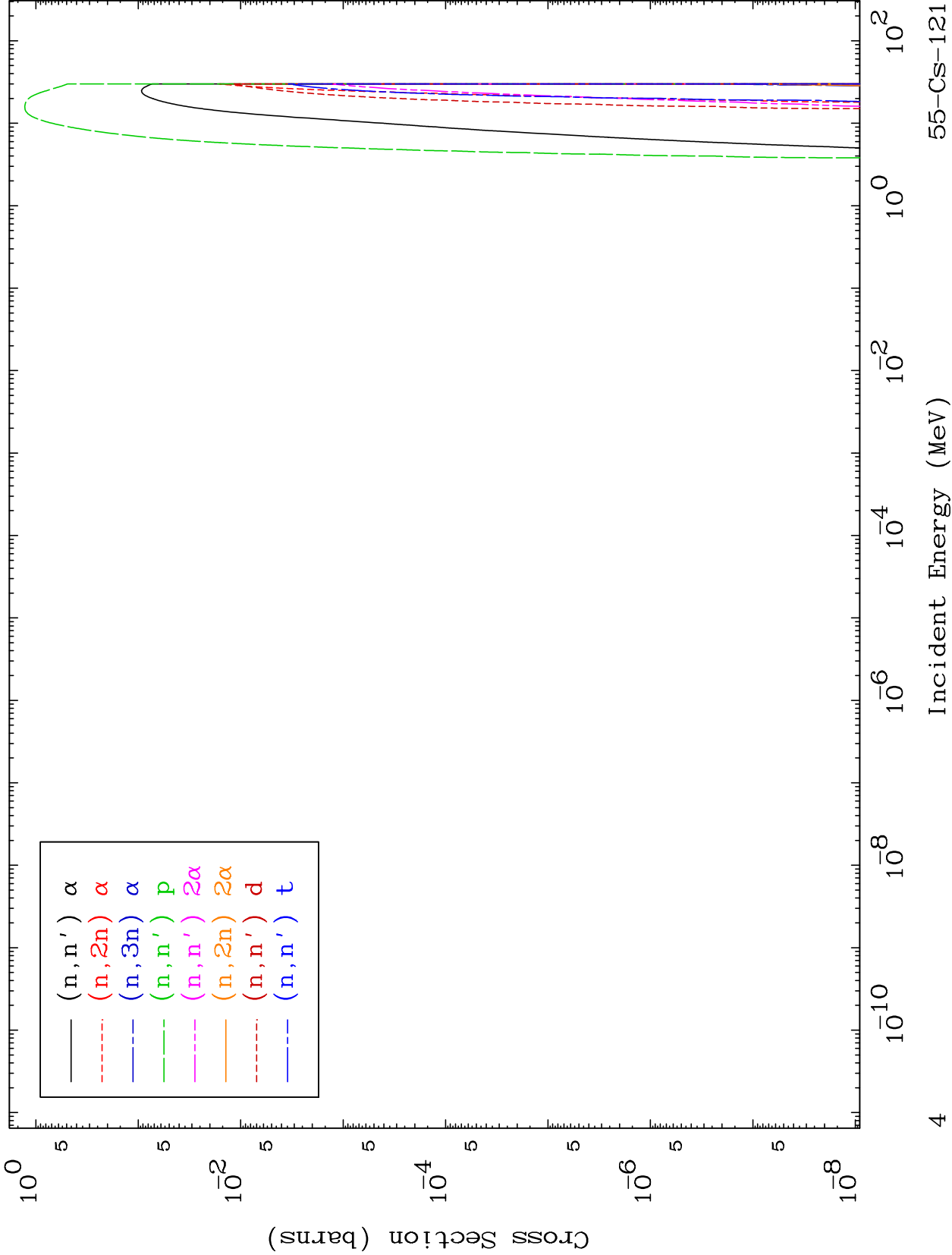




MAT 5490

Charged Particle  
293 Kelvin Cross Sections

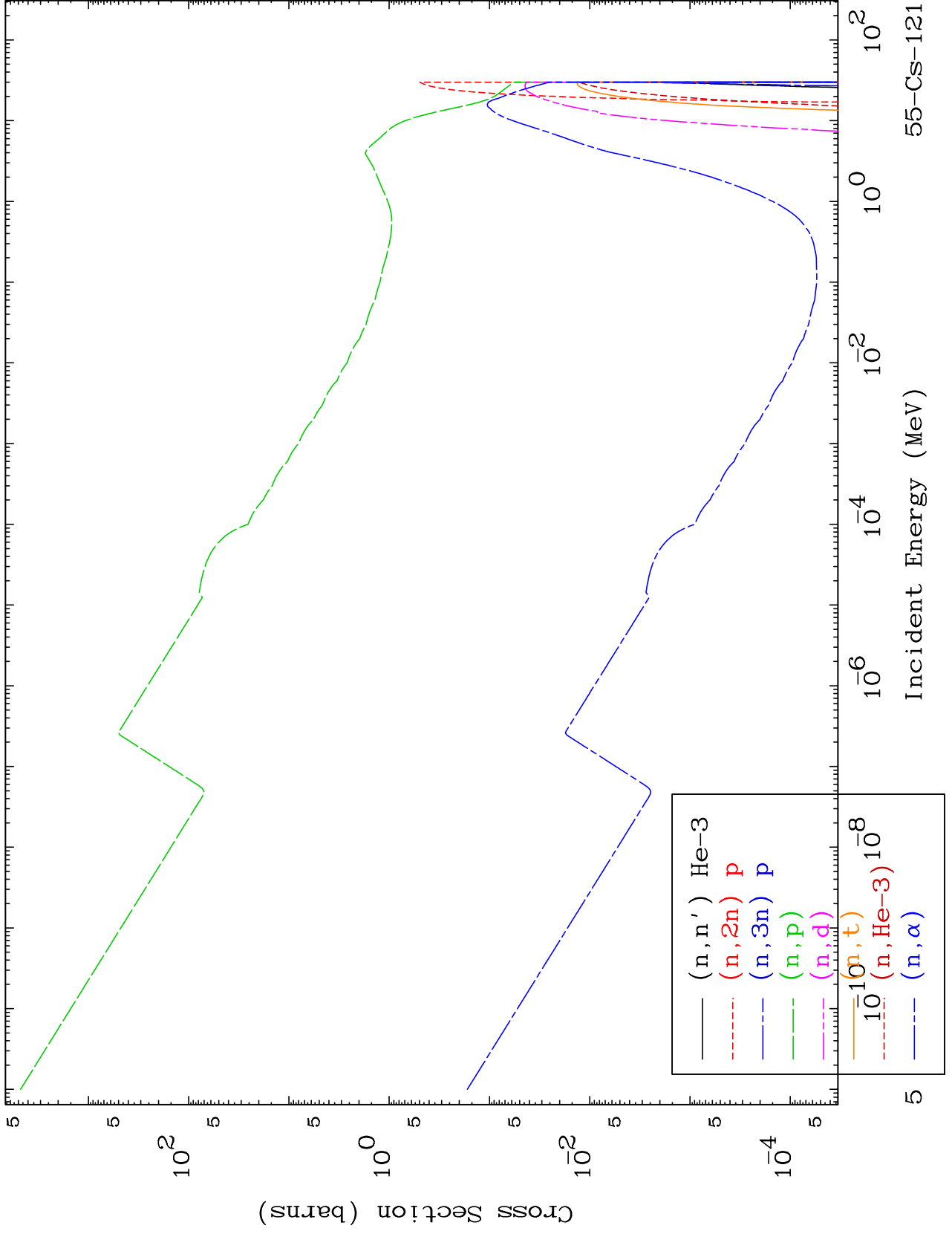
55-Cs-121



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Charged Particle  
293 Kelvin Cross Sections

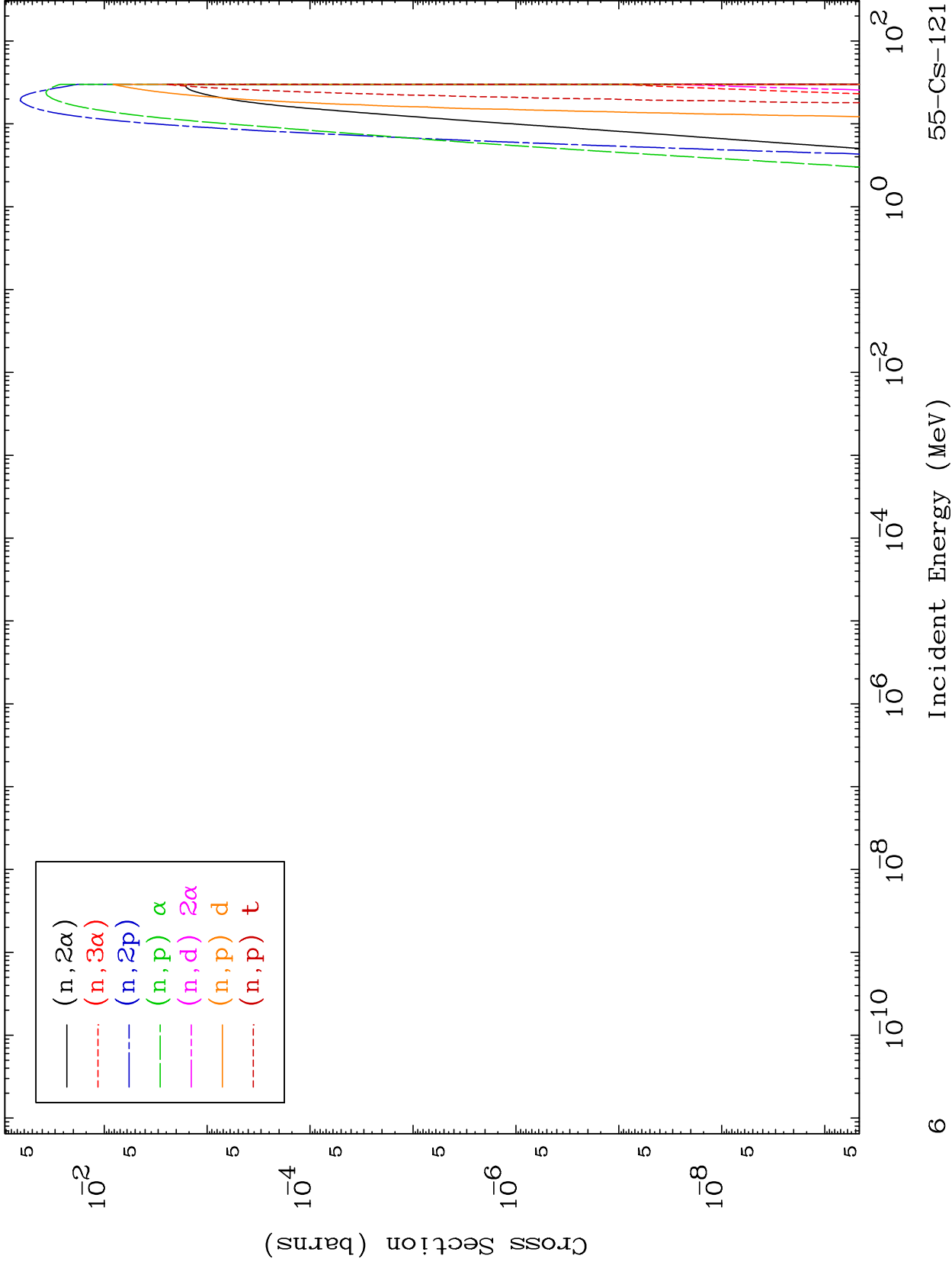
55-Cs-121



MAT 5490

Charged Particle  
293 Kelvin Cross Sections

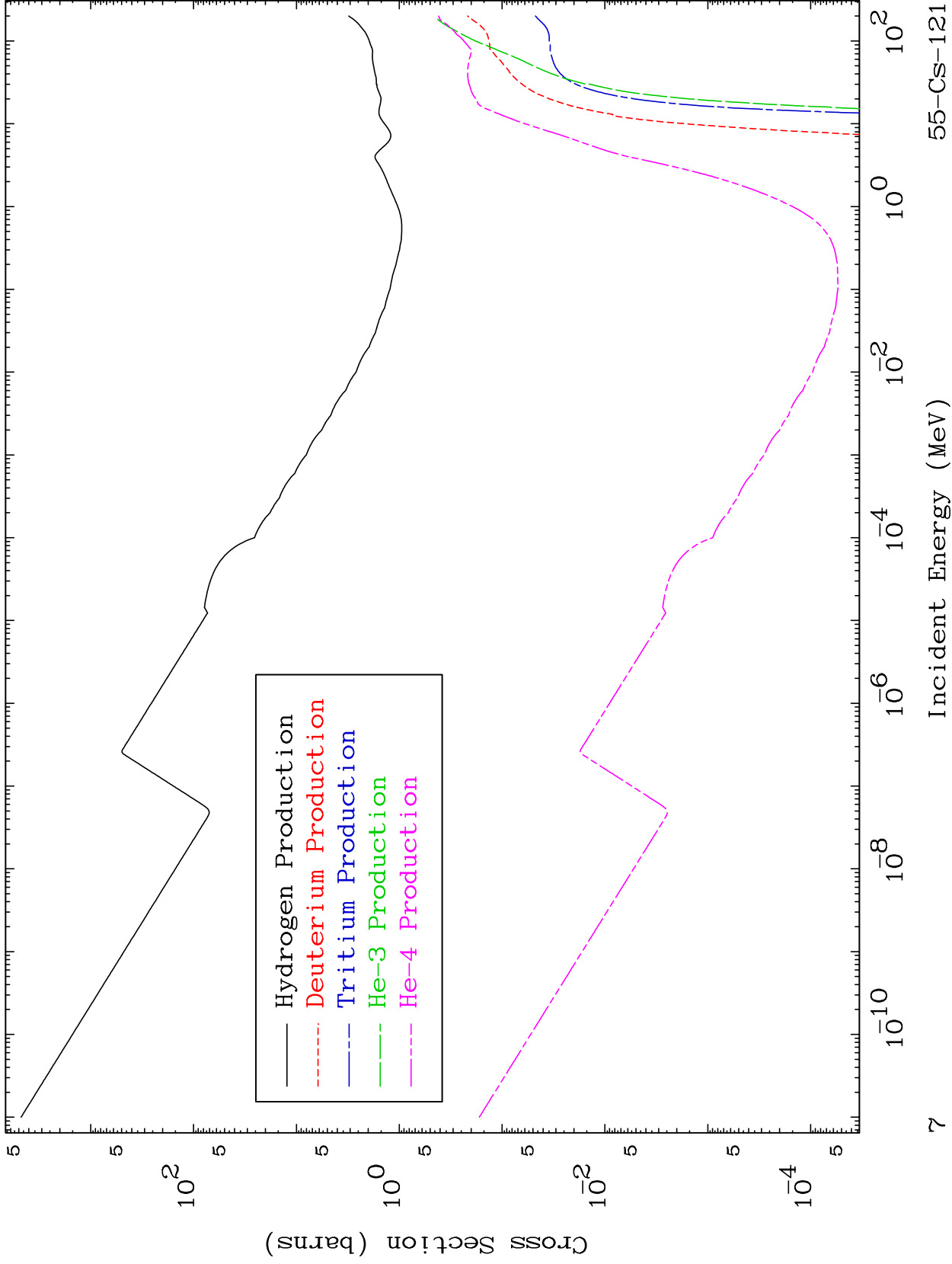
55-Cs-121



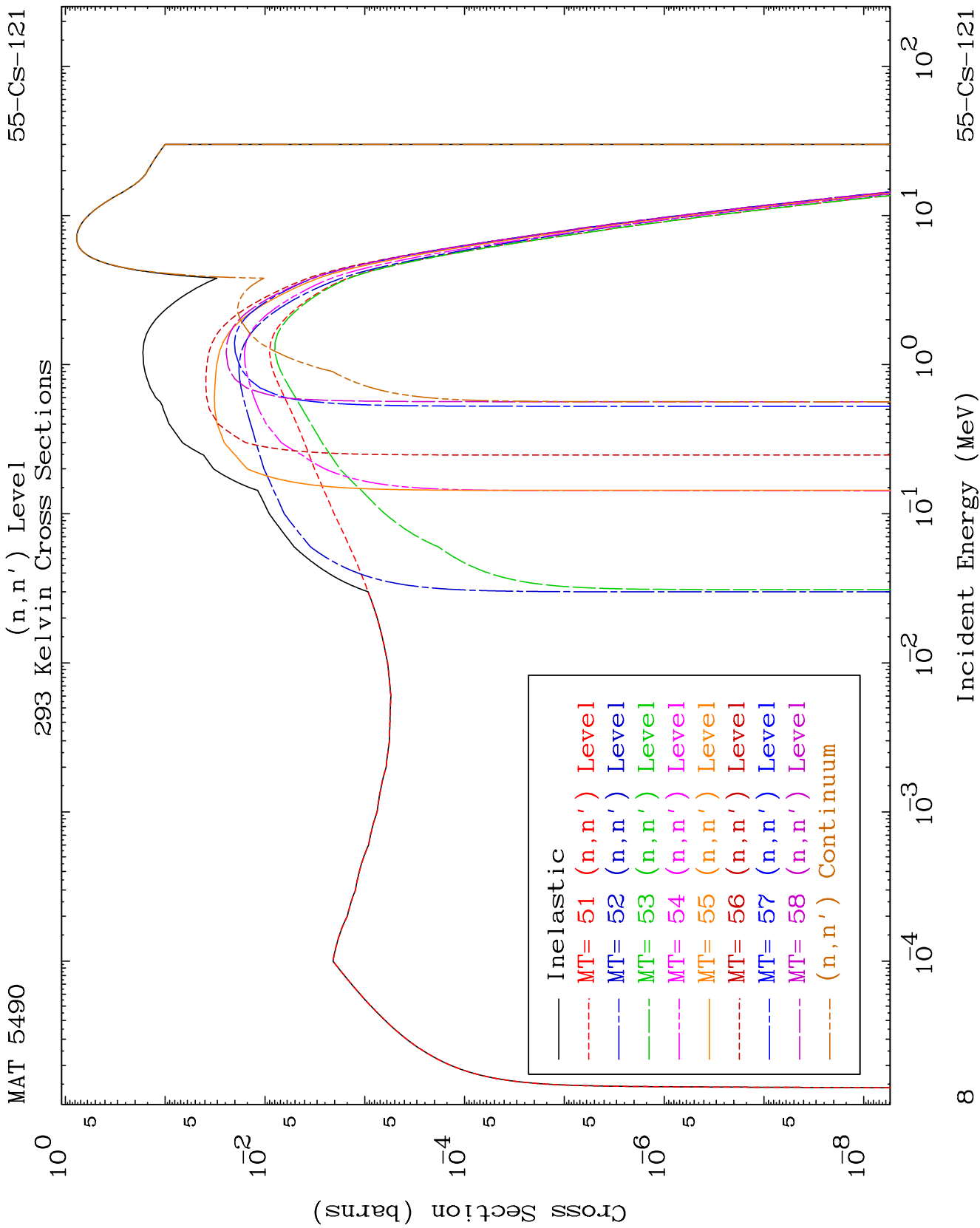
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Particle Production  
293 Kelvin Cross Sections

55-Cs-121



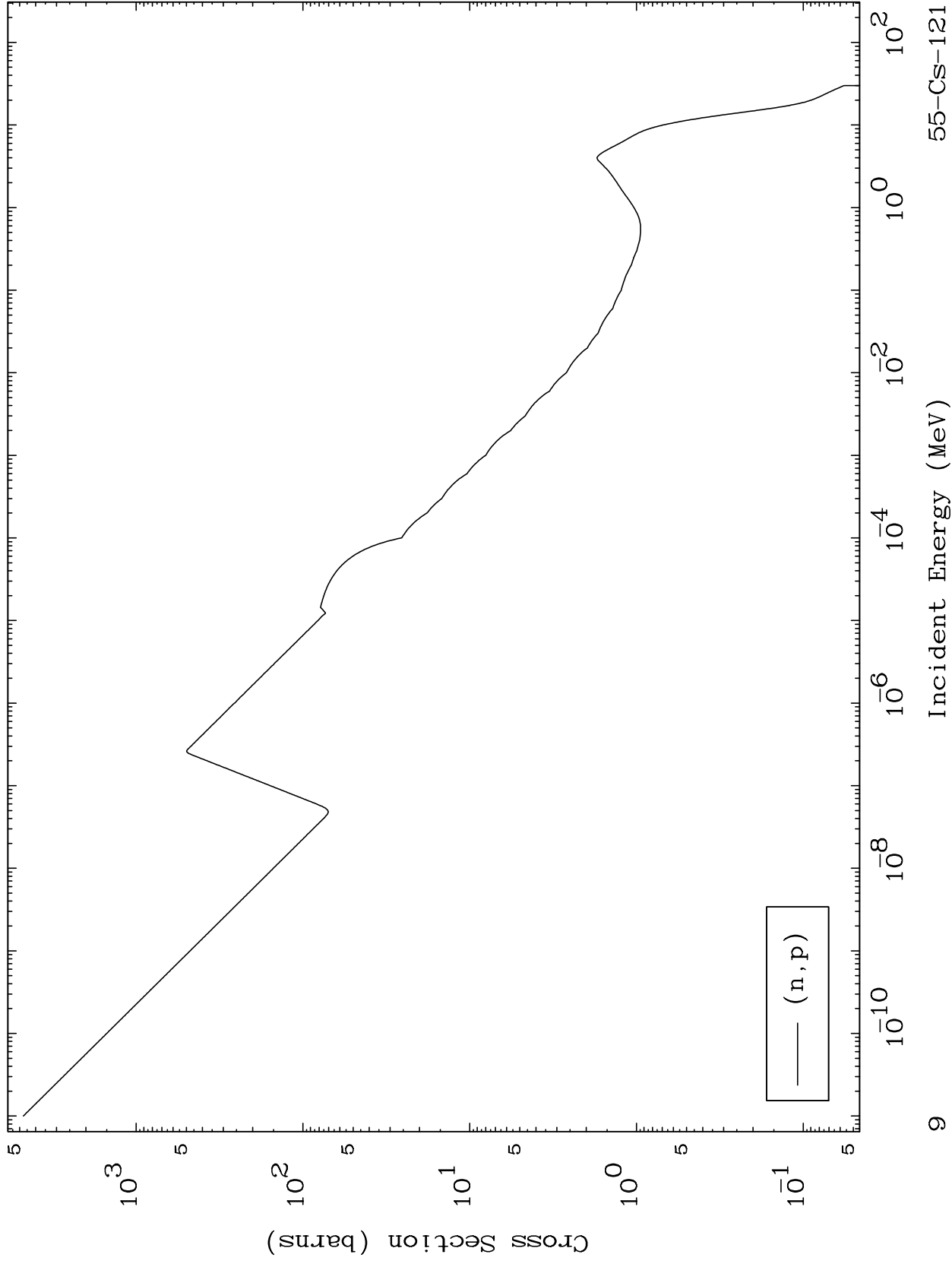




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(n,p) Levels  
293 Kelvin Cross Sections

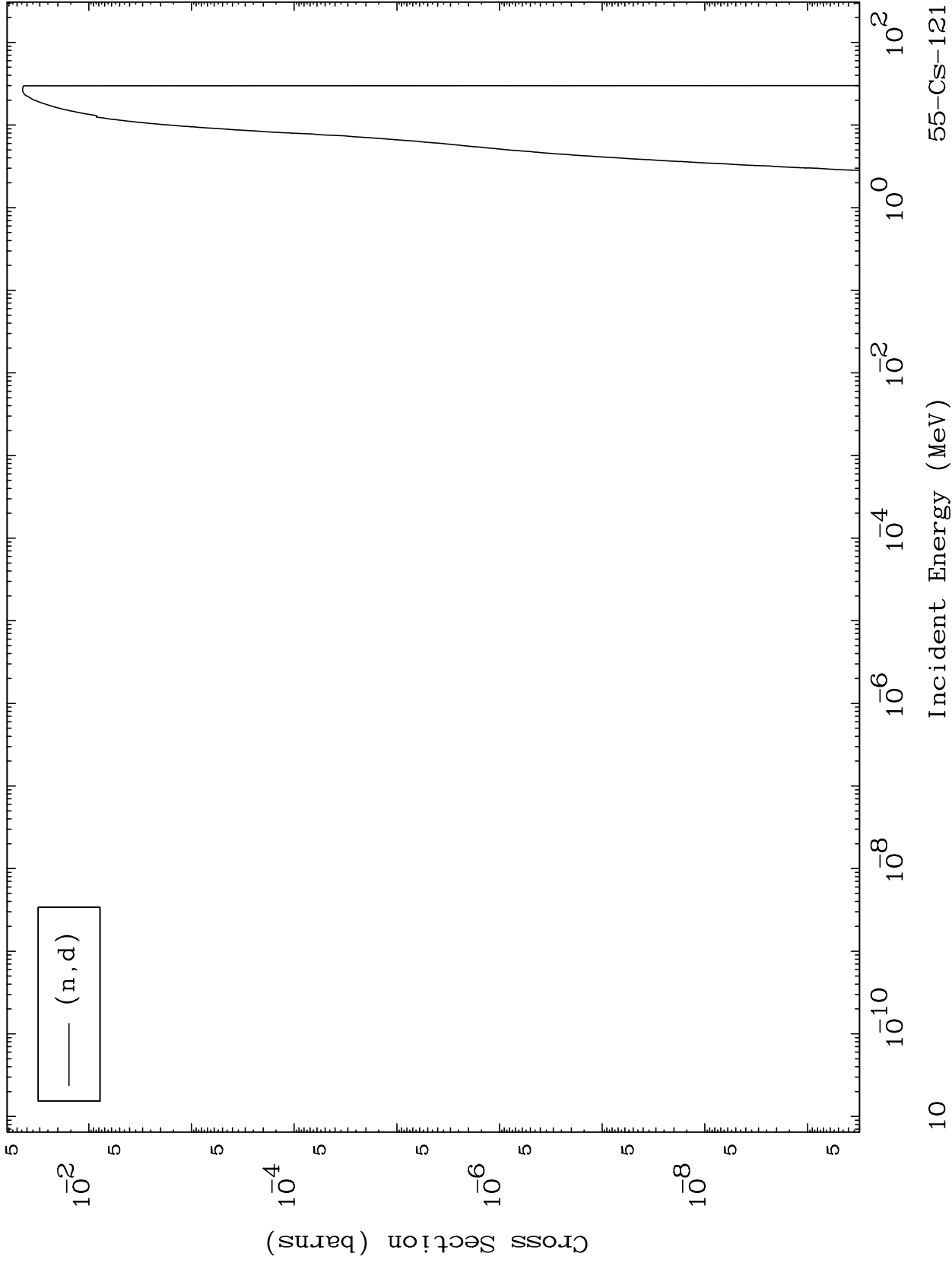
55-Cs-121



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(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-121



10

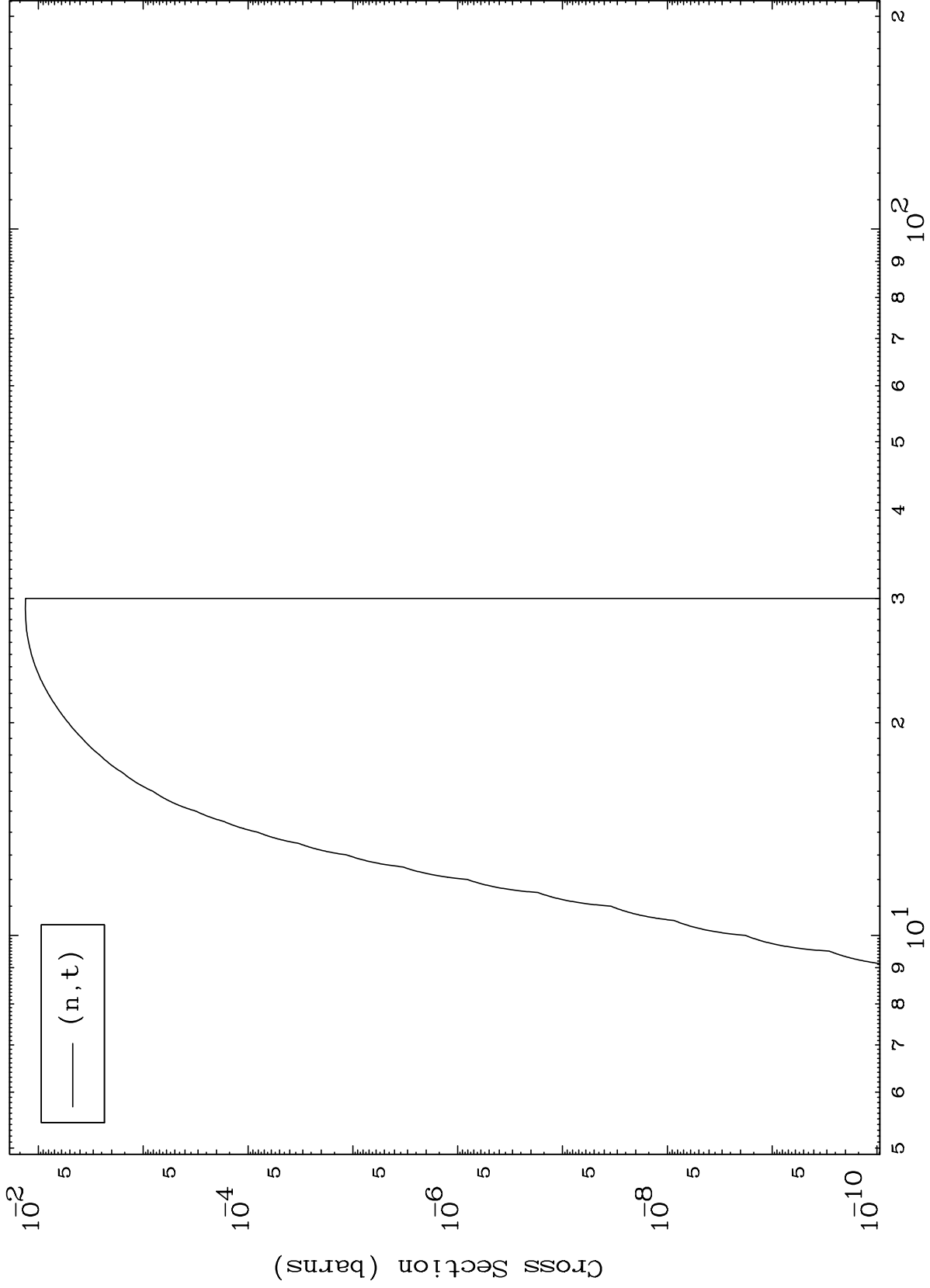
Incident Energy (MeV)

55-Cs-121

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(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-121



11

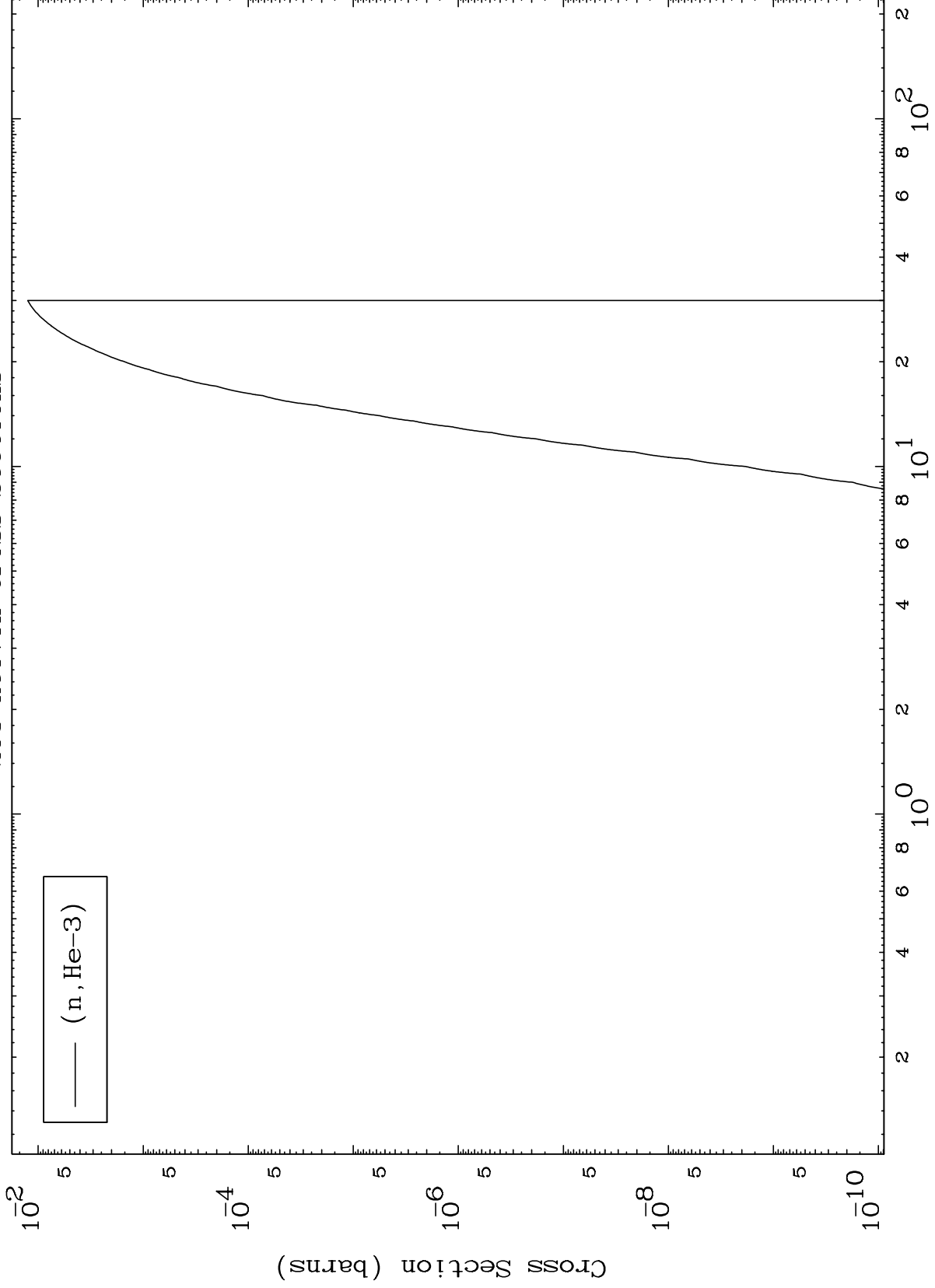
Incident Energy (MeV)

55-Cs-121

MAT 5490

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-121



12

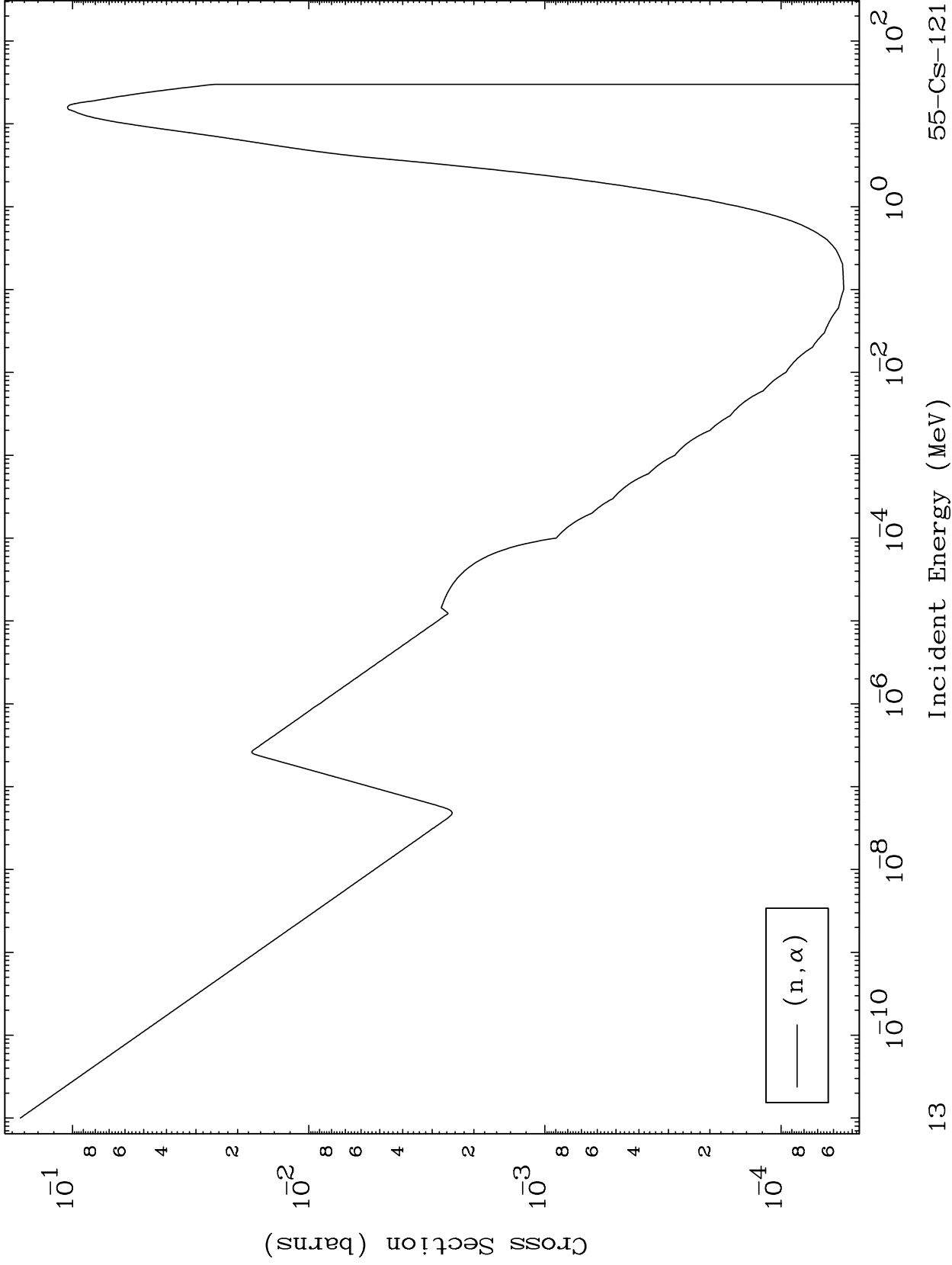
Incident Energy (MeV)

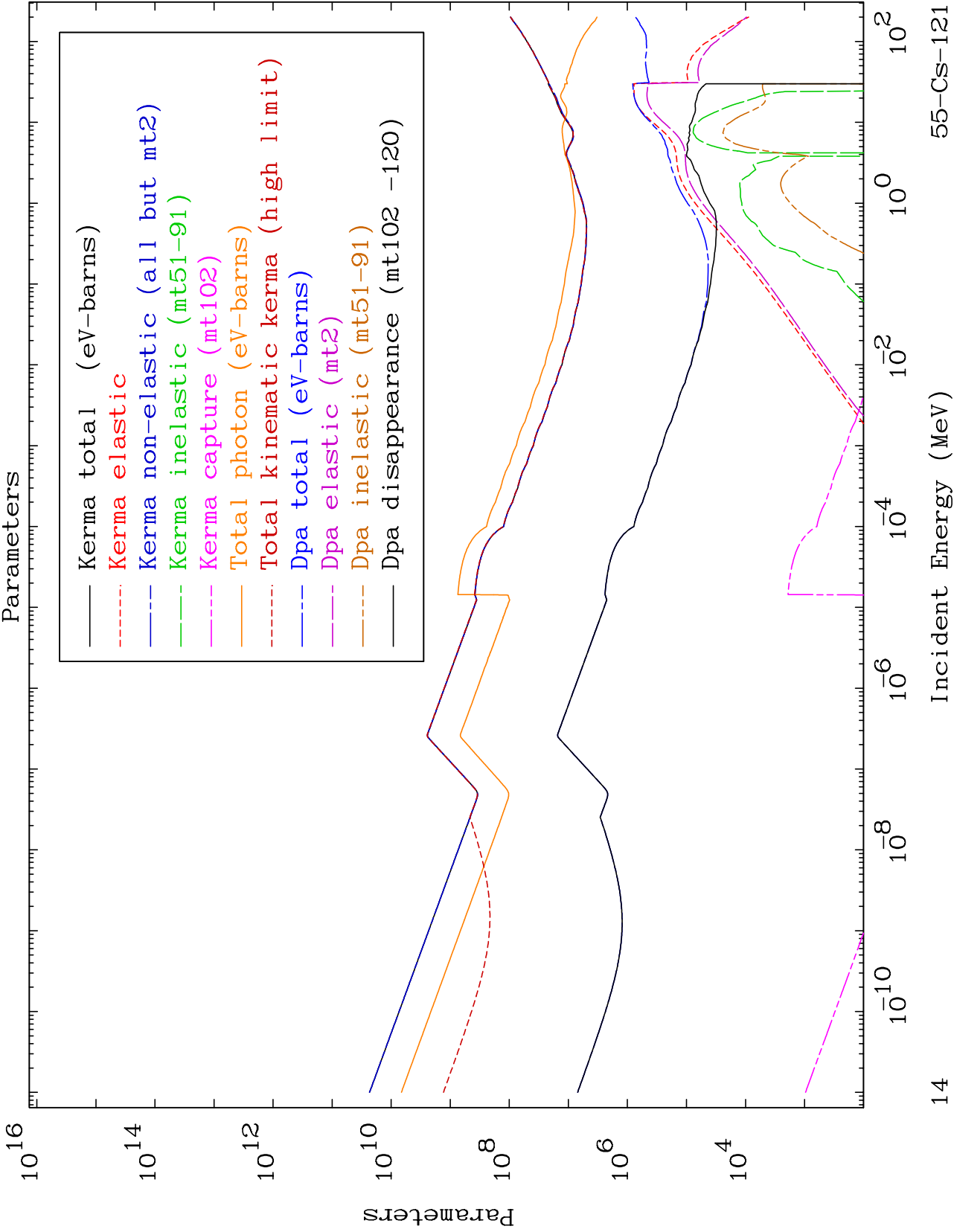
55-Cs-121

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

55-Cs-121





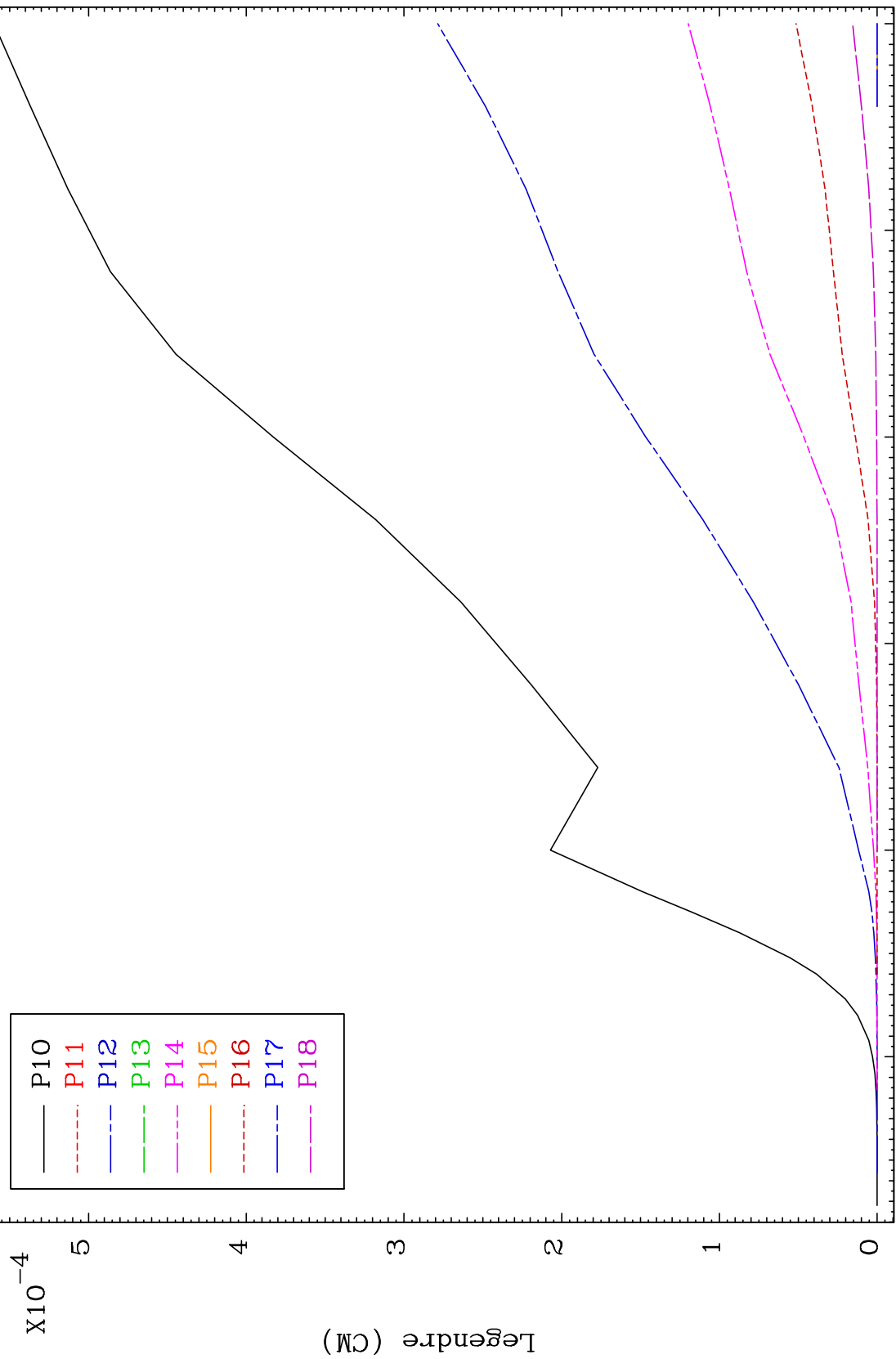
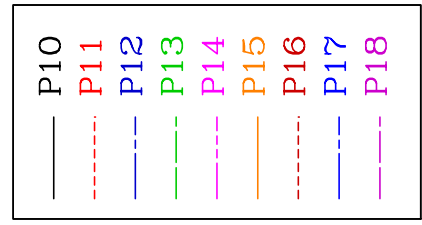




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Elastic Legendre Coefficients

55-Cs-121



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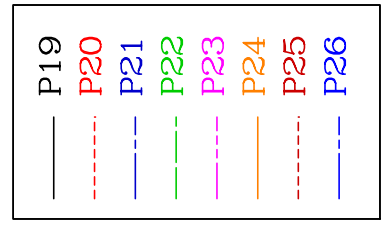
Incident Energy (MeV)

55-Cs-121

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Elastic  
Legendre Coefficients

55-Cs-121



$\times 10^{-7}$

Legendre (CM)

8

6

4

2

0

15

20

25

30

17

Incident Energy (MeV)

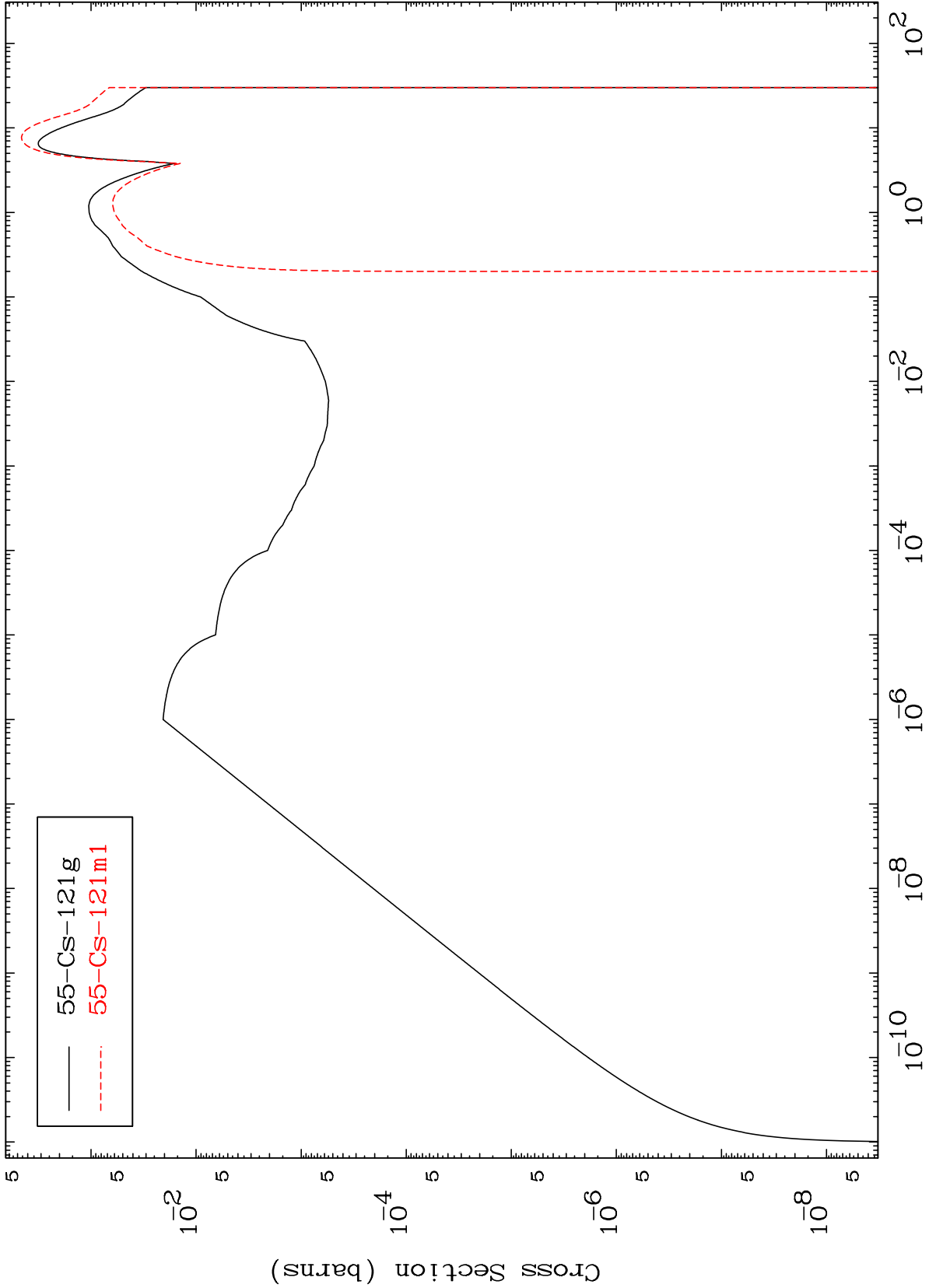
55-Cs-121



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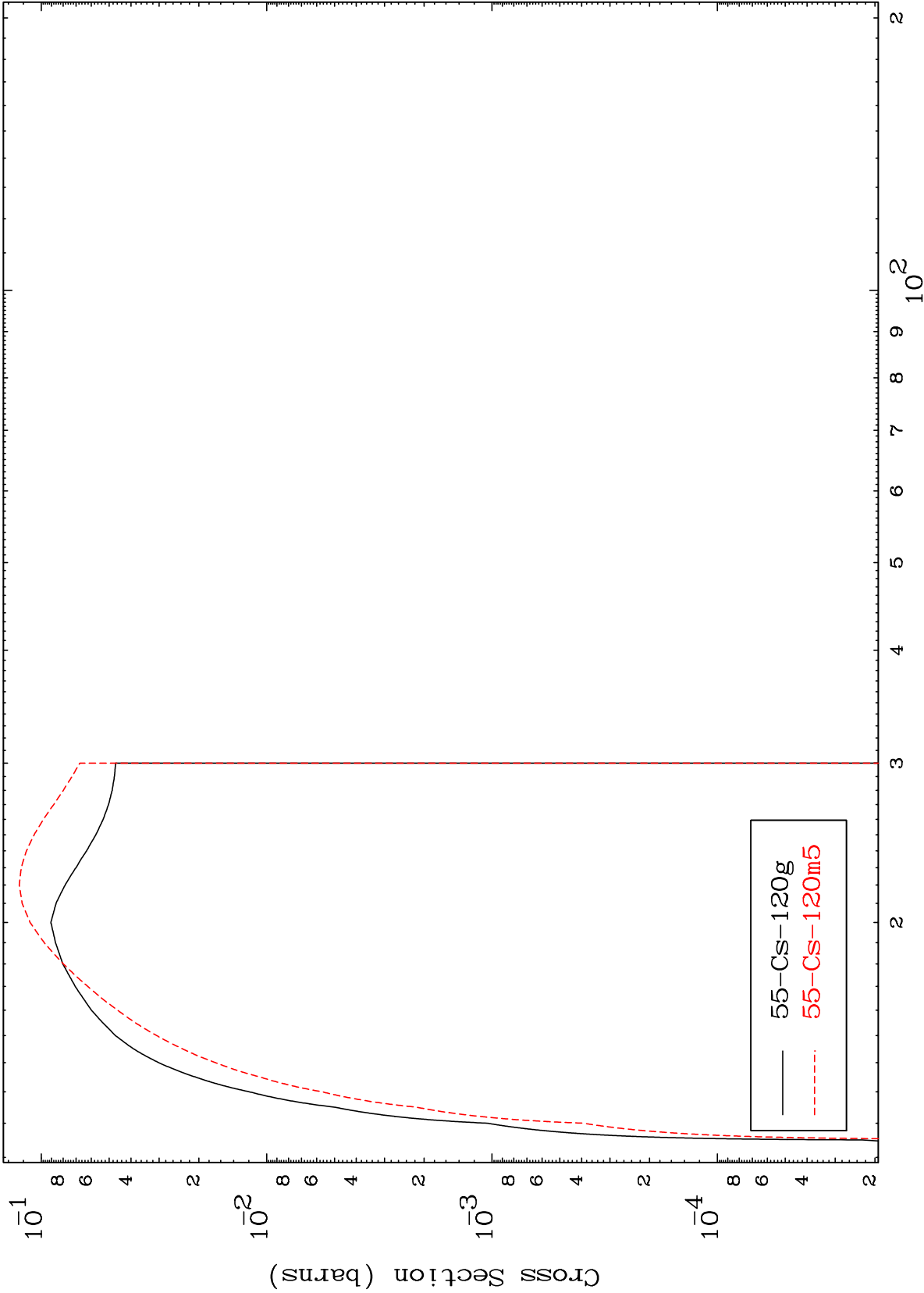
Inelastic  
Radionuclide Production Cross Section

55-Cs-121



55-Cs-121

(n,2n)  
Radionuclide Production Cross Section

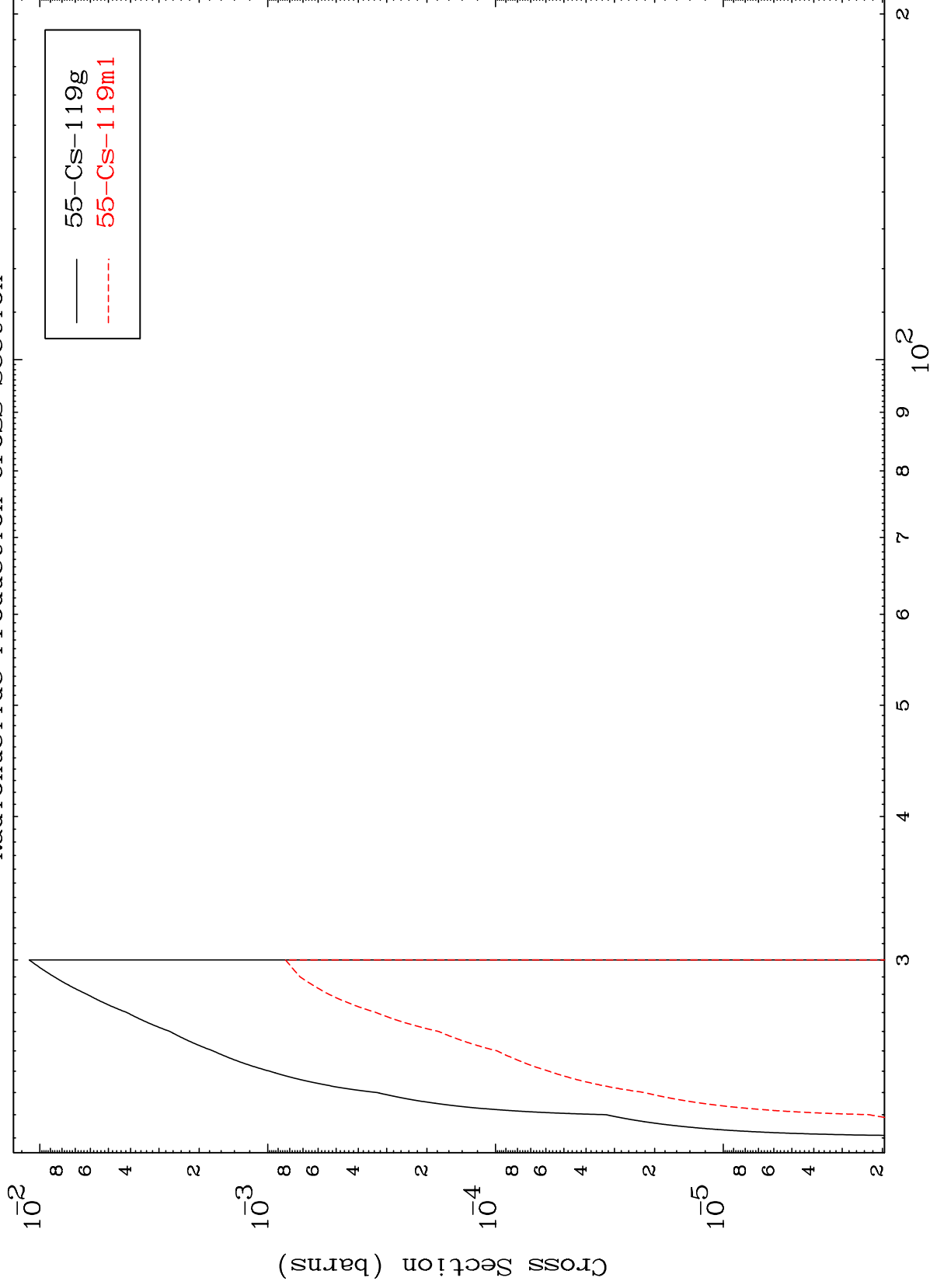


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(n,3n)

55-Cs-121

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

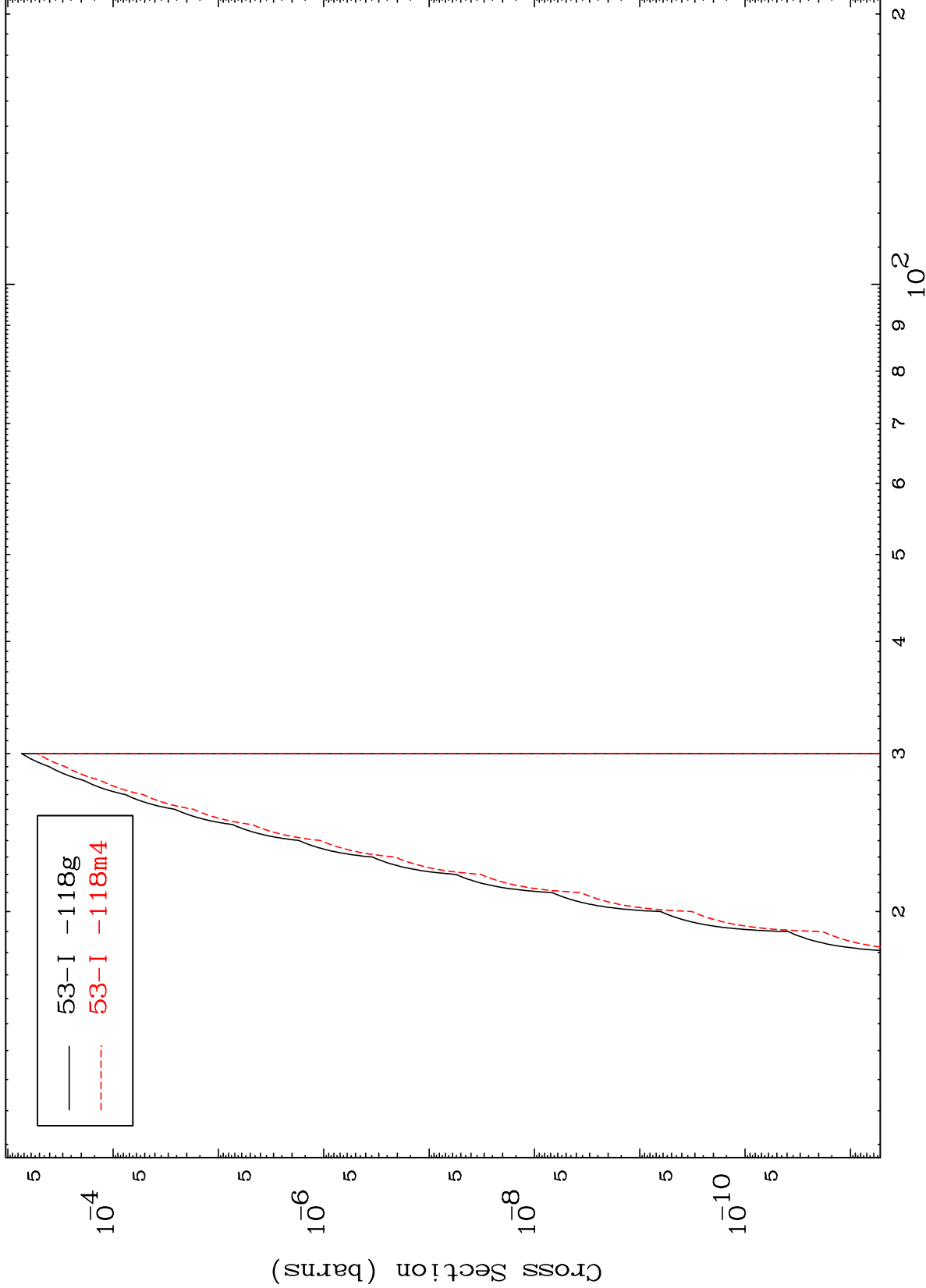
55-Cs-121

MAT 5490

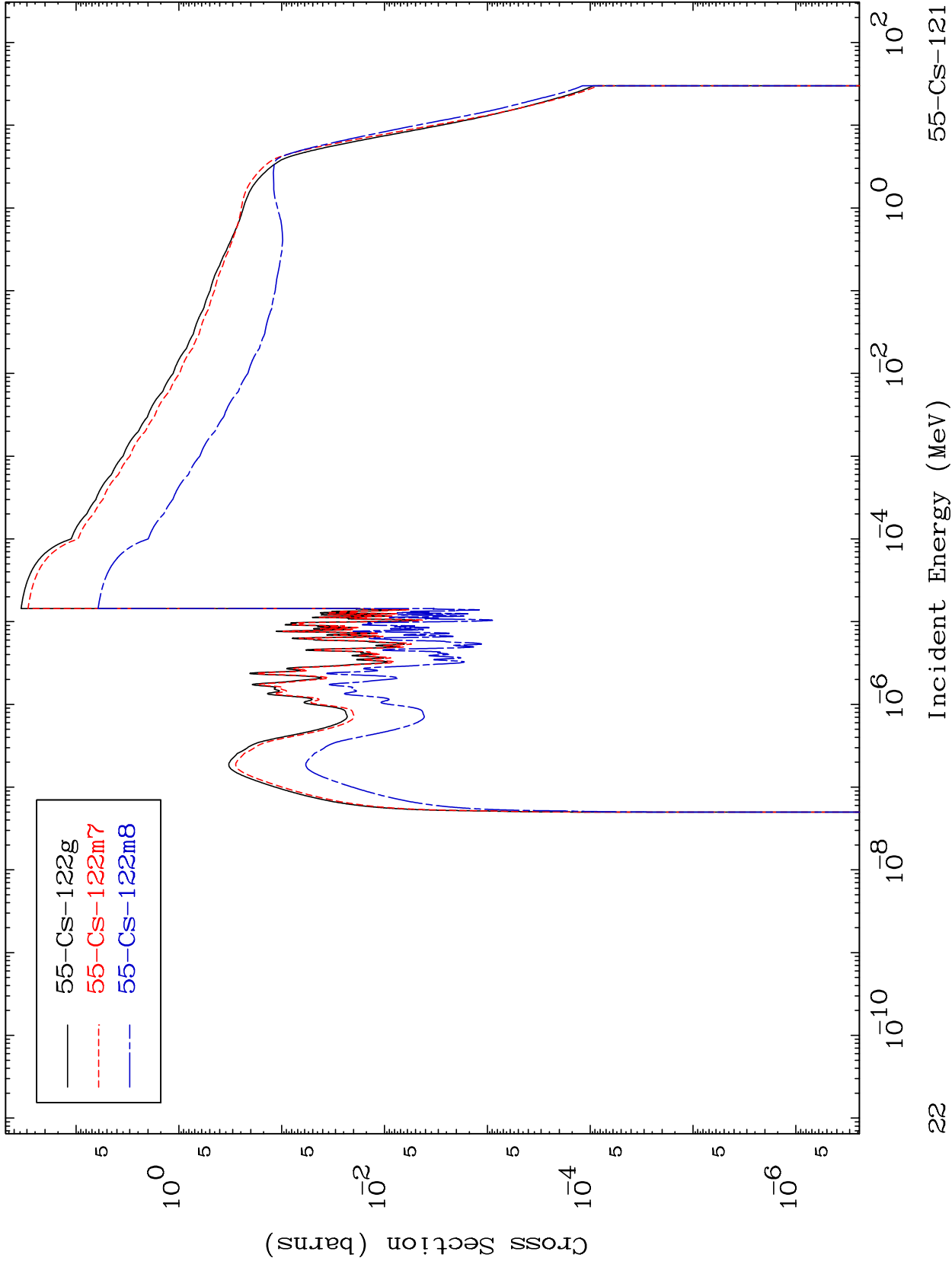
(n,n') He-3

55-Cs-121

Radionuclide Production Cross Section



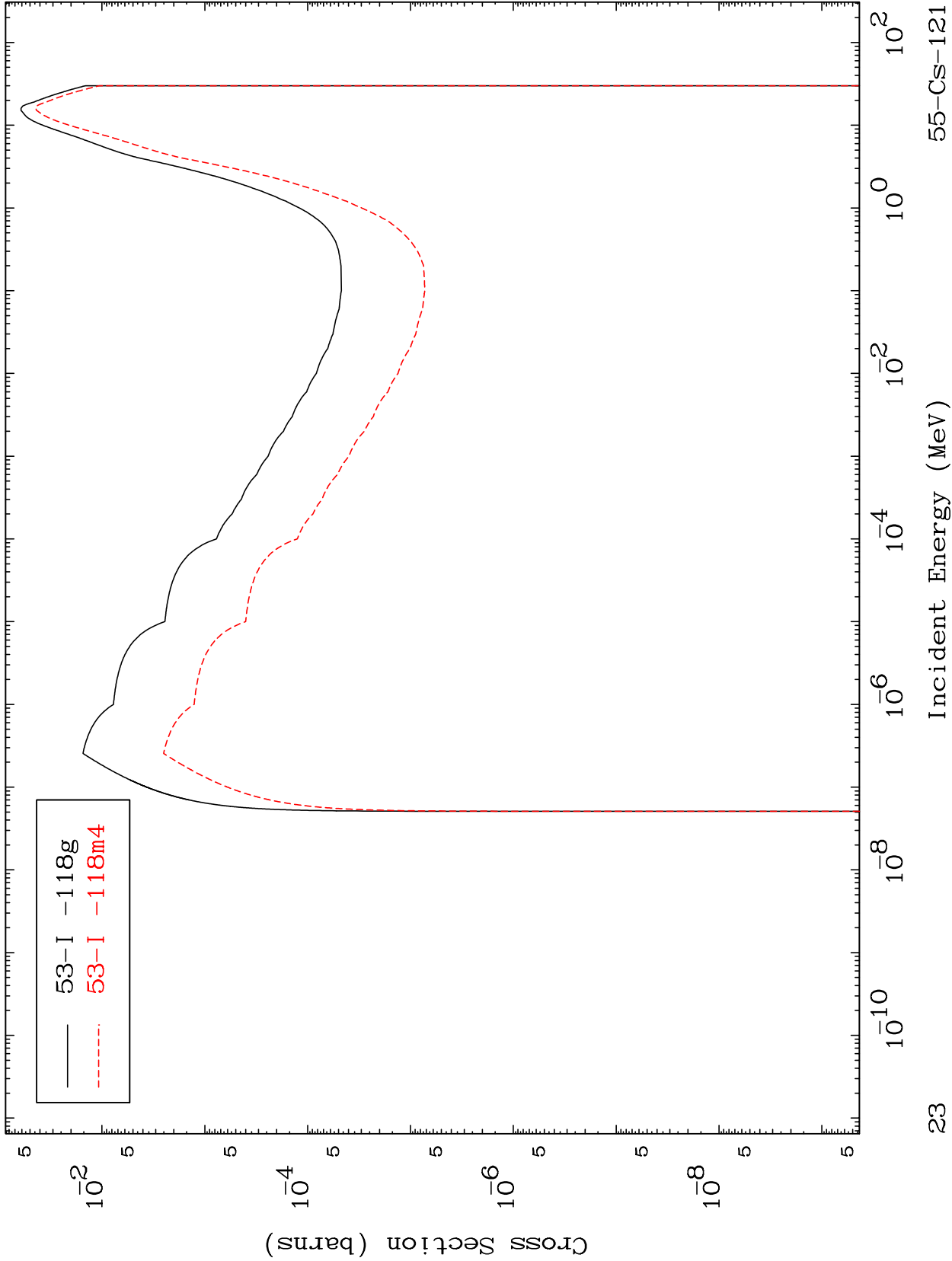
Radionuclide Production Cross Section (n,γ)



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55-Cs-121

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



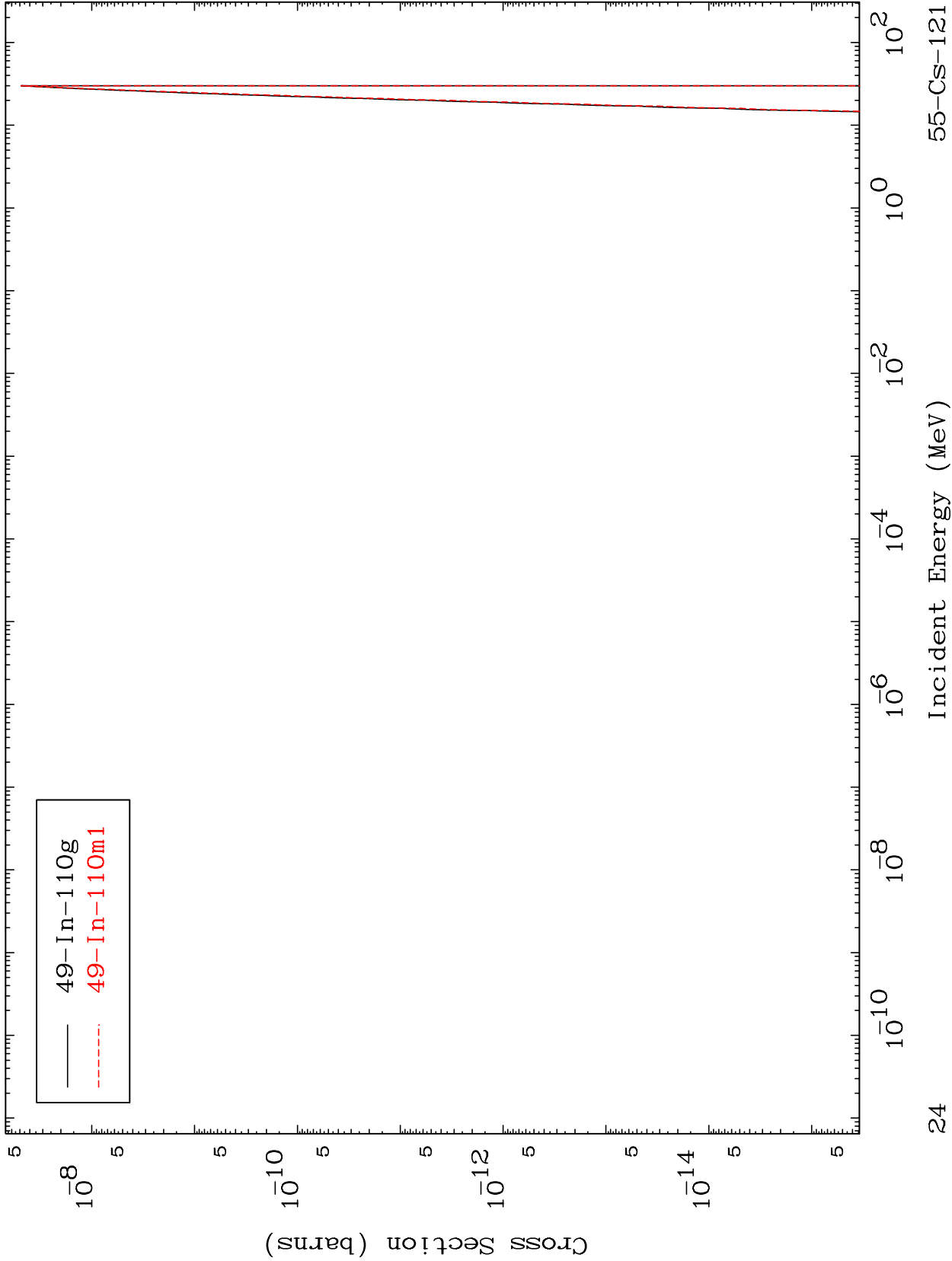


MAT 5490

(n,3α)

55-Cs-121

Radionuclide Production Cross Section

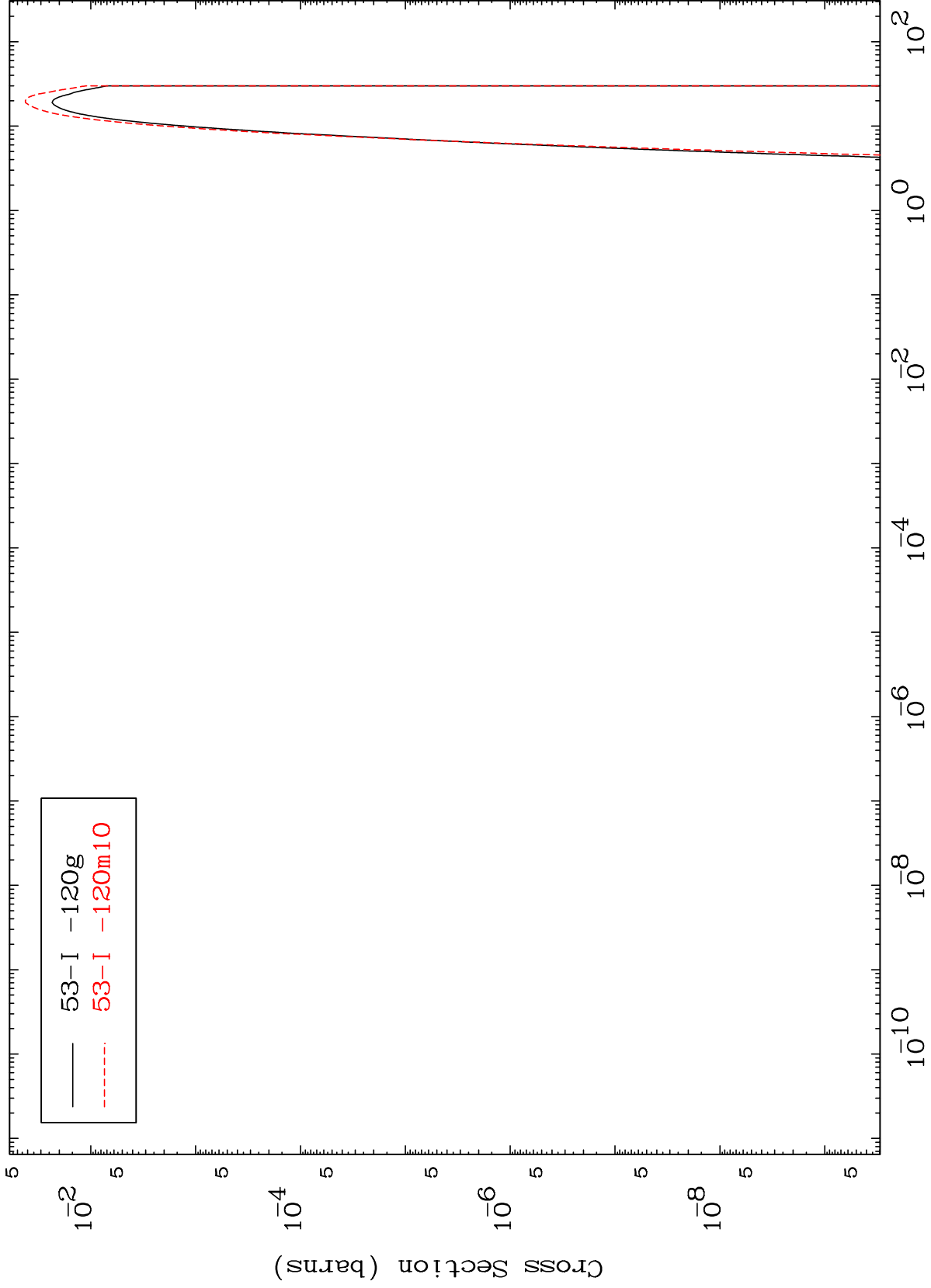


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(n,2p)

55-Cs-121

Radionuclide Production Cross Section



25

Incident Energy (MeV)

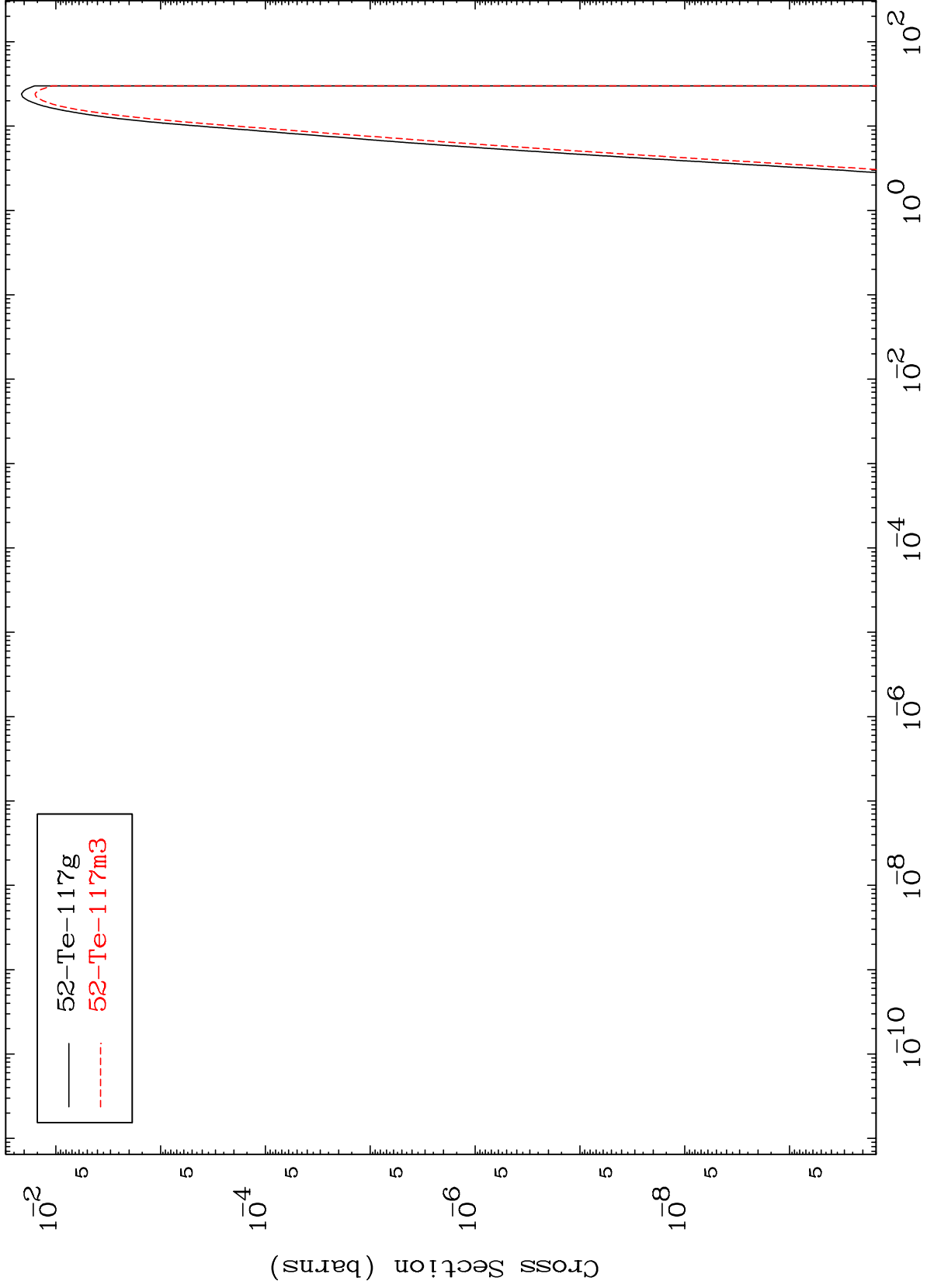
55-Cs-121

MAT 5490

(n,p)  $\alpha$

55-Cs-121

Radionuclide Production Cross Section

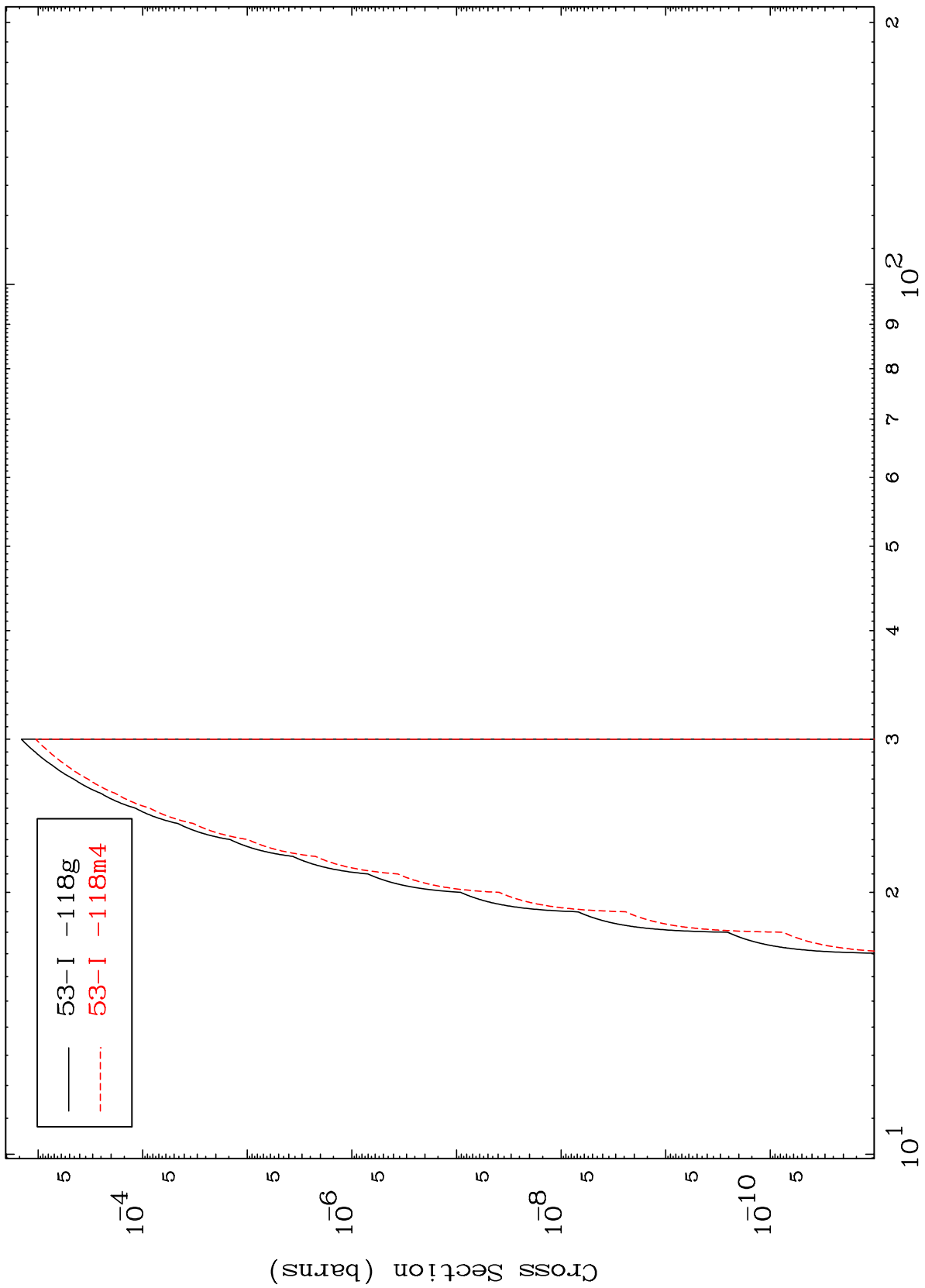


MAT 5490

(n,p) t

55-Cs-121

Radionuclide Production Cross Section



27

Incident Energy (MeV)

55-Cs-121