

Program EVALPLOT  
(Version 2018-1)

by

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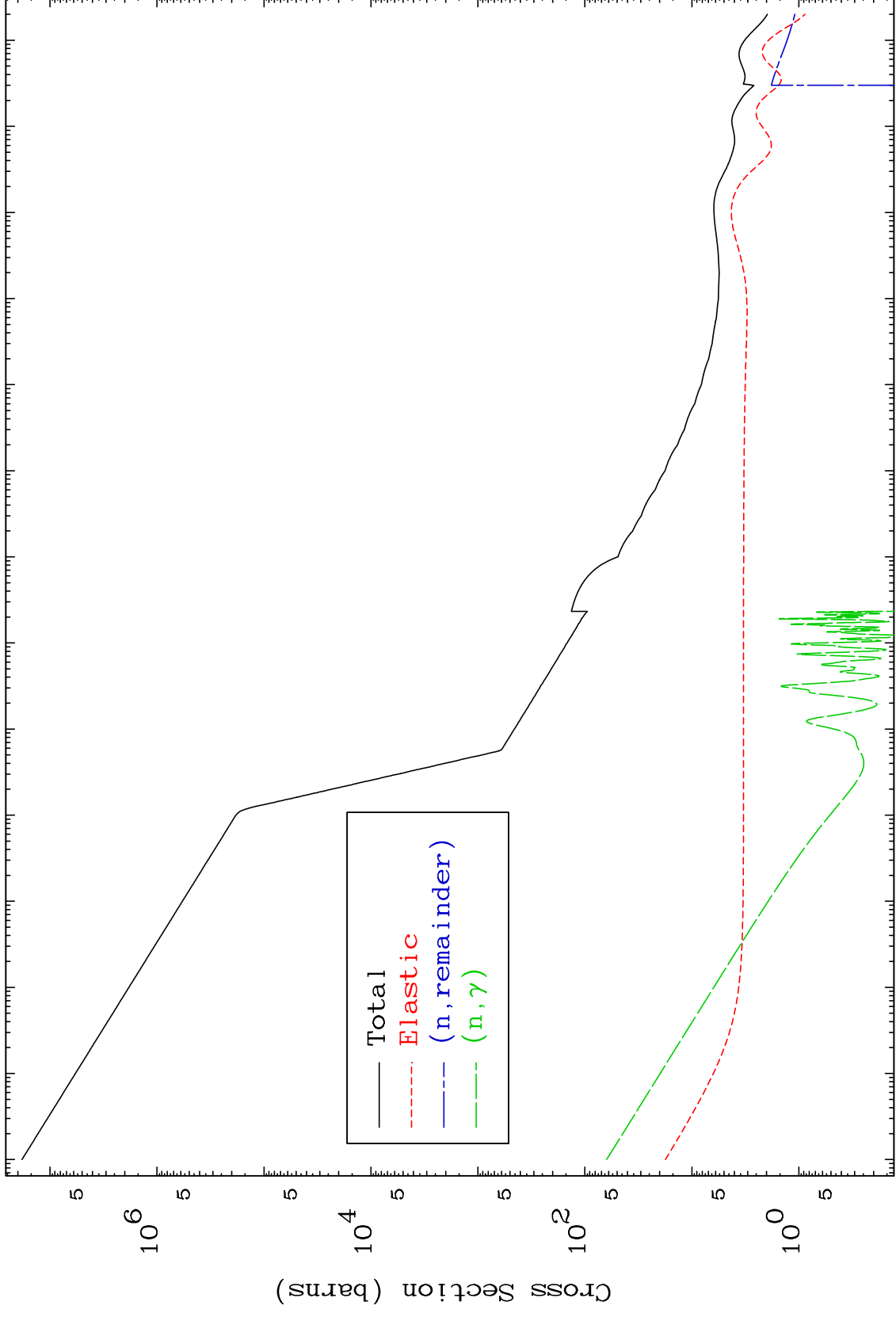
Press Mouse Button to Start

MAT 5475

Major

293 Kelvin Cross Sections

55-Cs-116



1

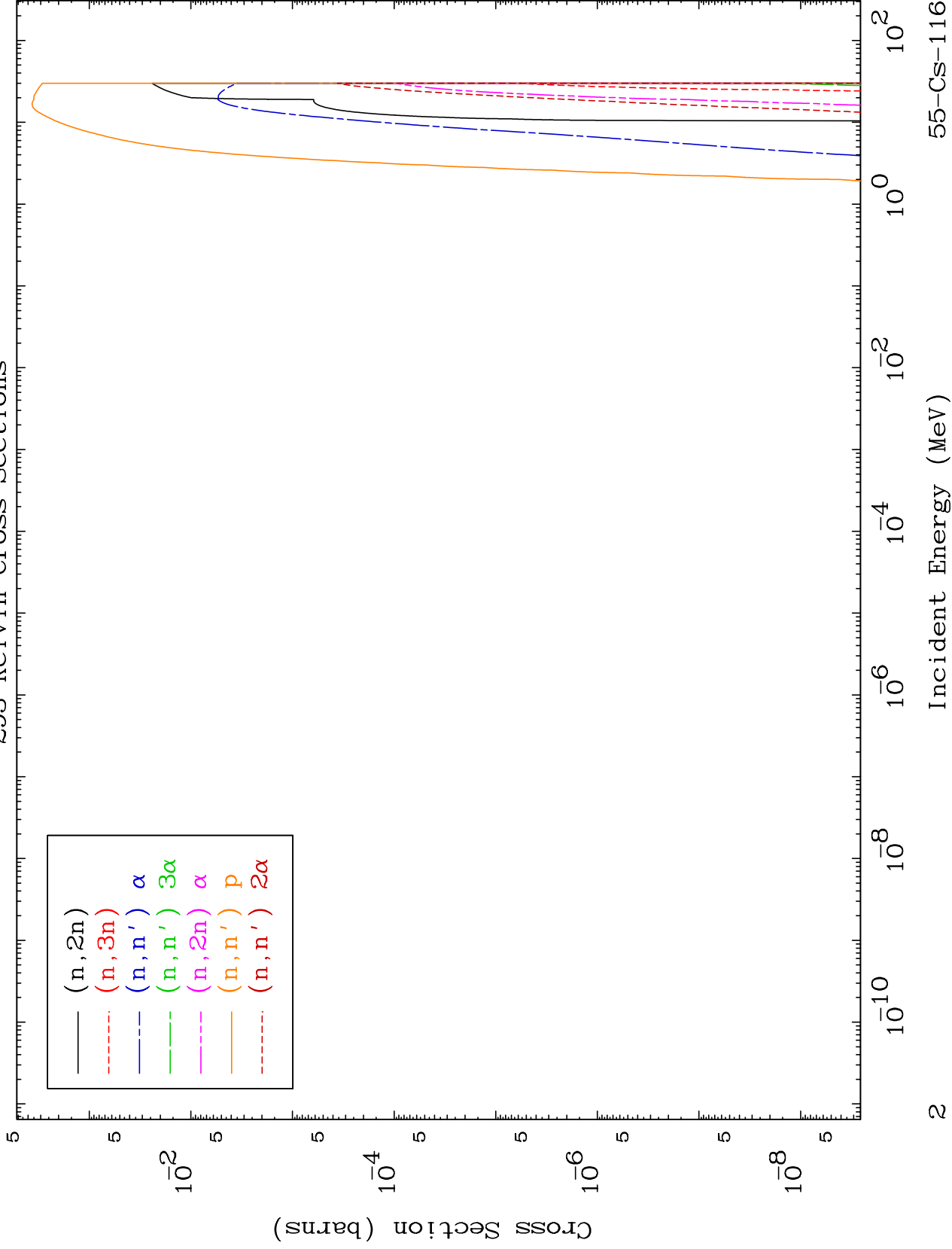
Incident Energy (MeV)

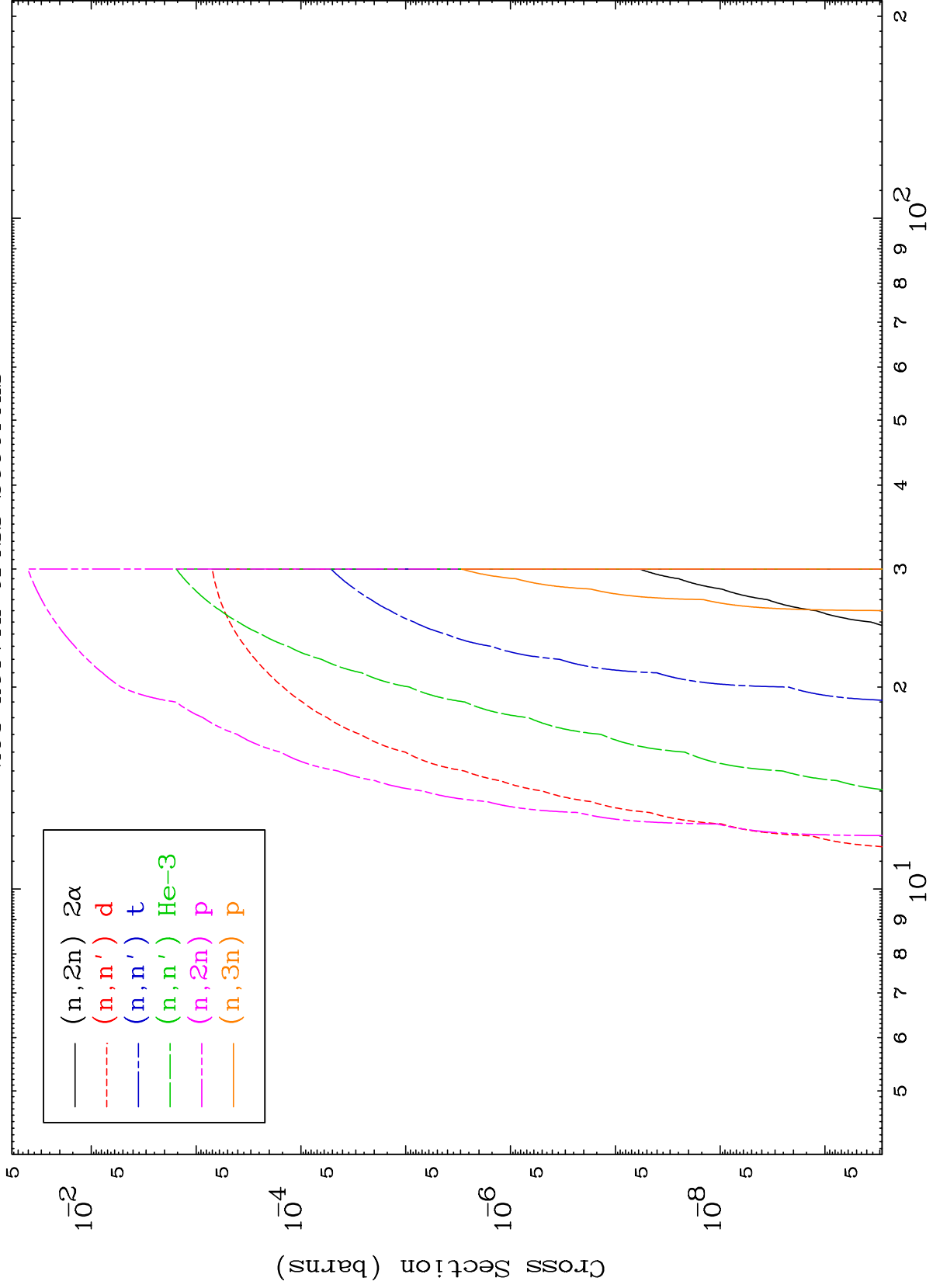
55-Cs-116

MAT 5475

Neutron Production  
293 Kelvin Cross Sections

55-Cs-116

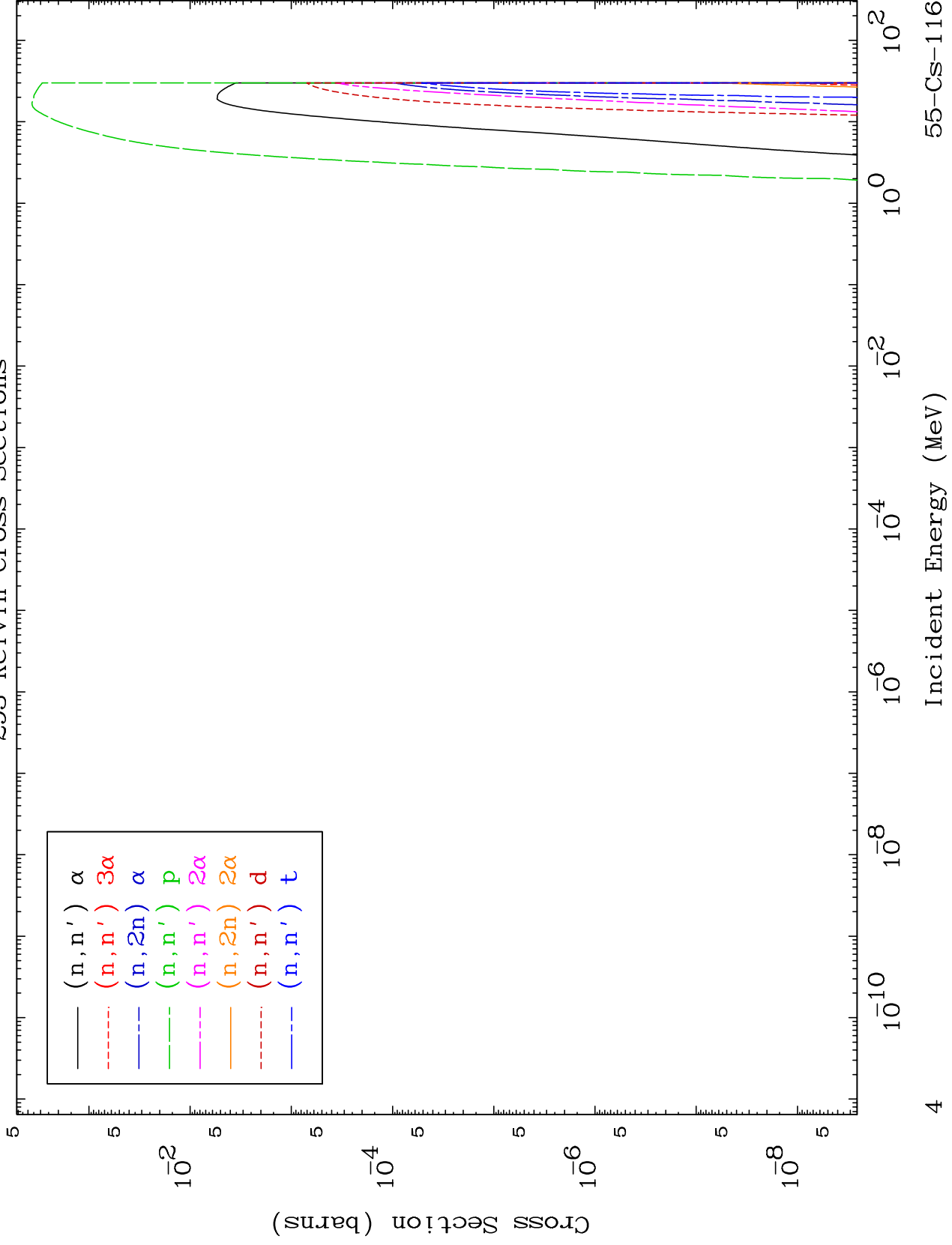


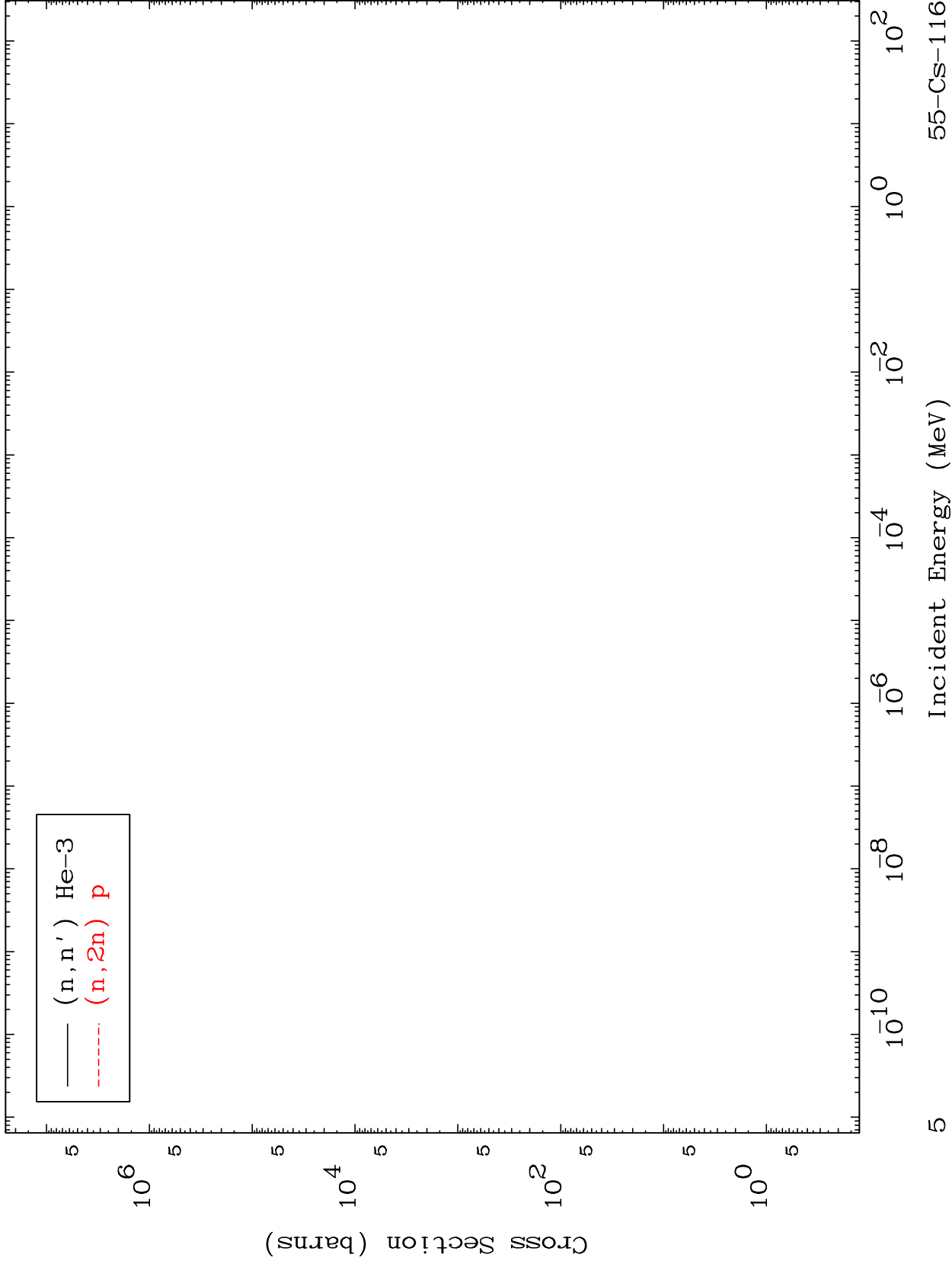


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Charged Particle  
293 Kelvin Cross Sections

55-Cs-116

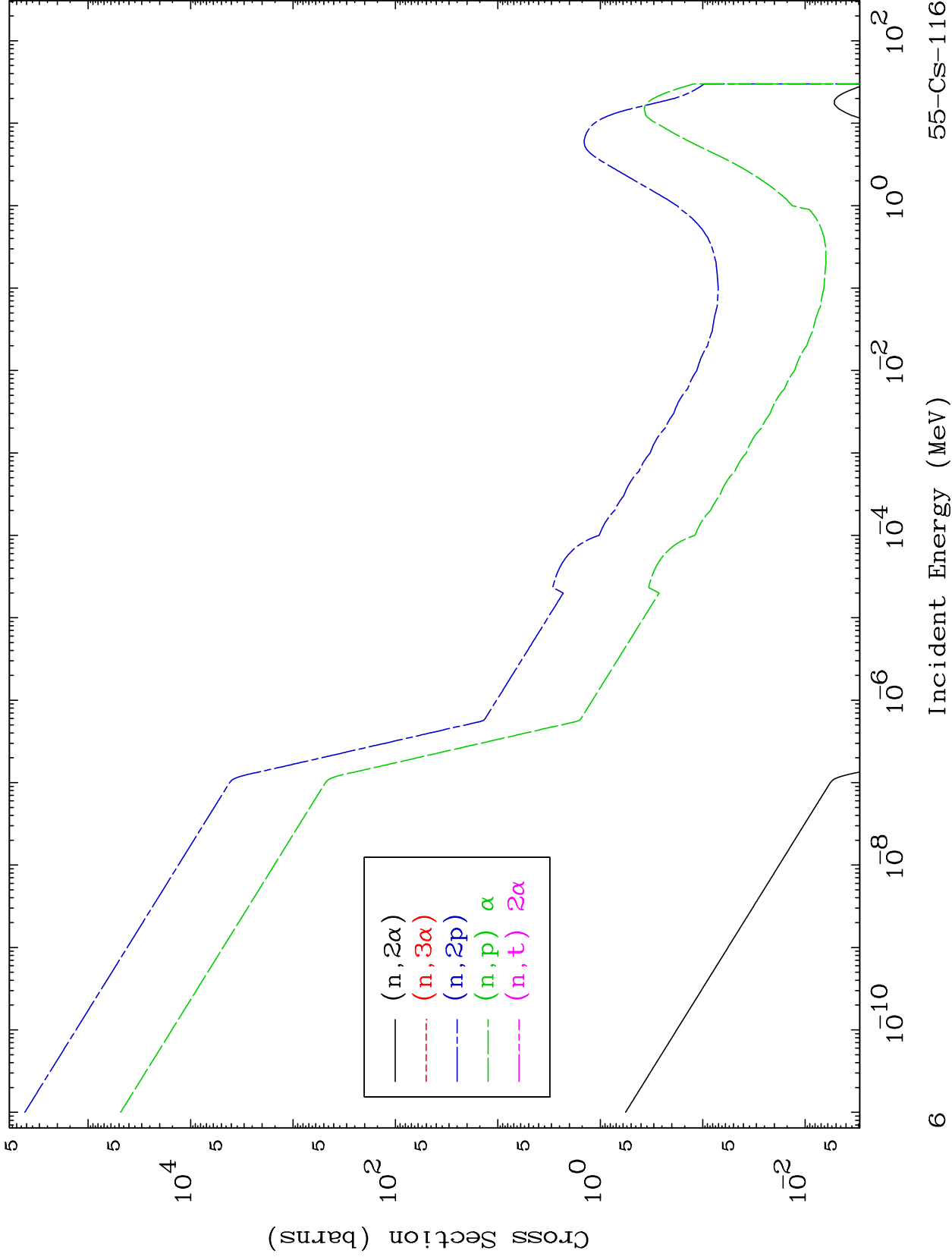




MAT 5475

Charged Particle  
293 Kelvin Cross Sections

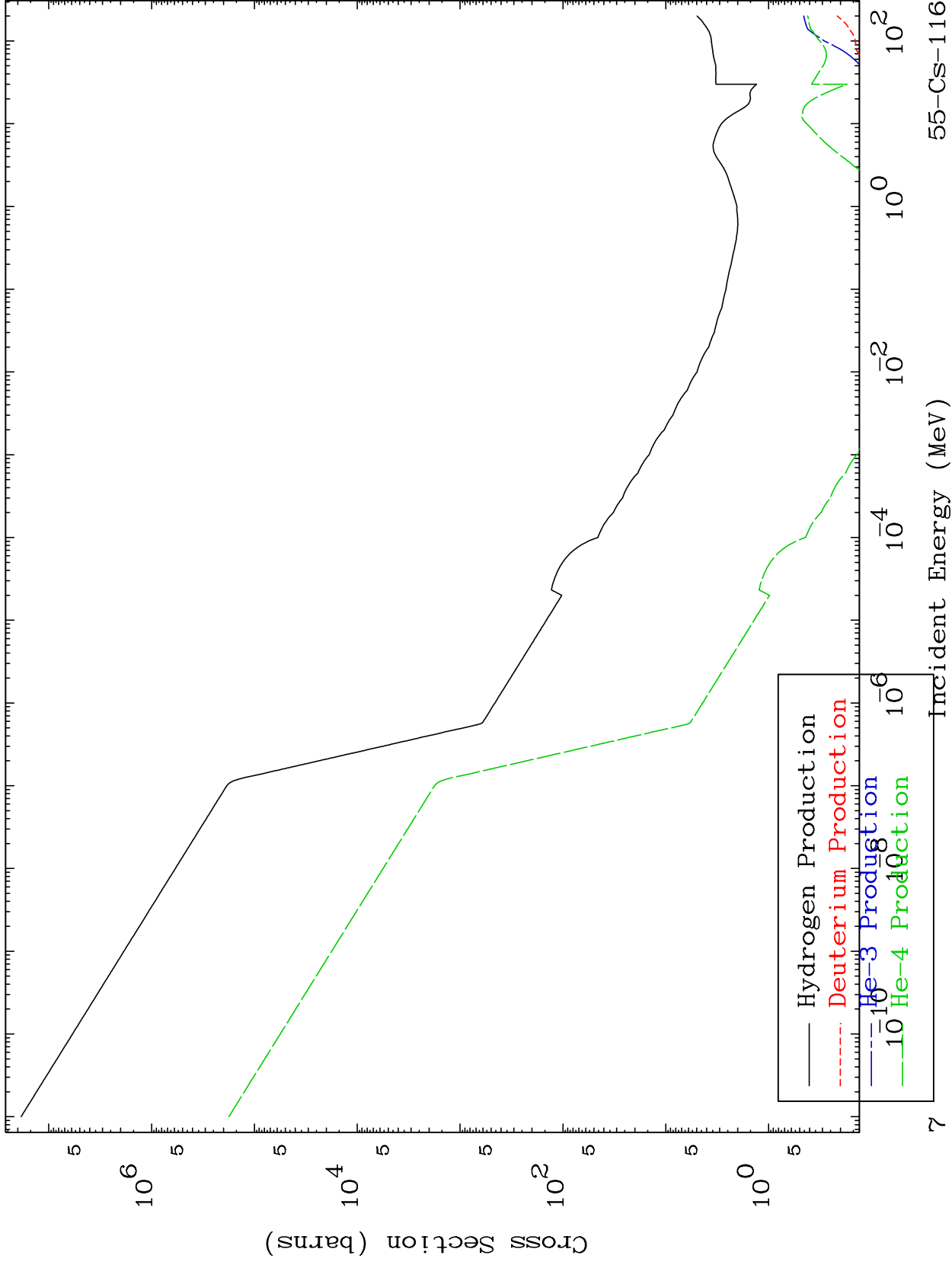
55-Cs-116



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Particle Production  
293 Kelvin Cross Sections

55-Cs-116



55-Cs-116

Incident Energy (MeV)

7

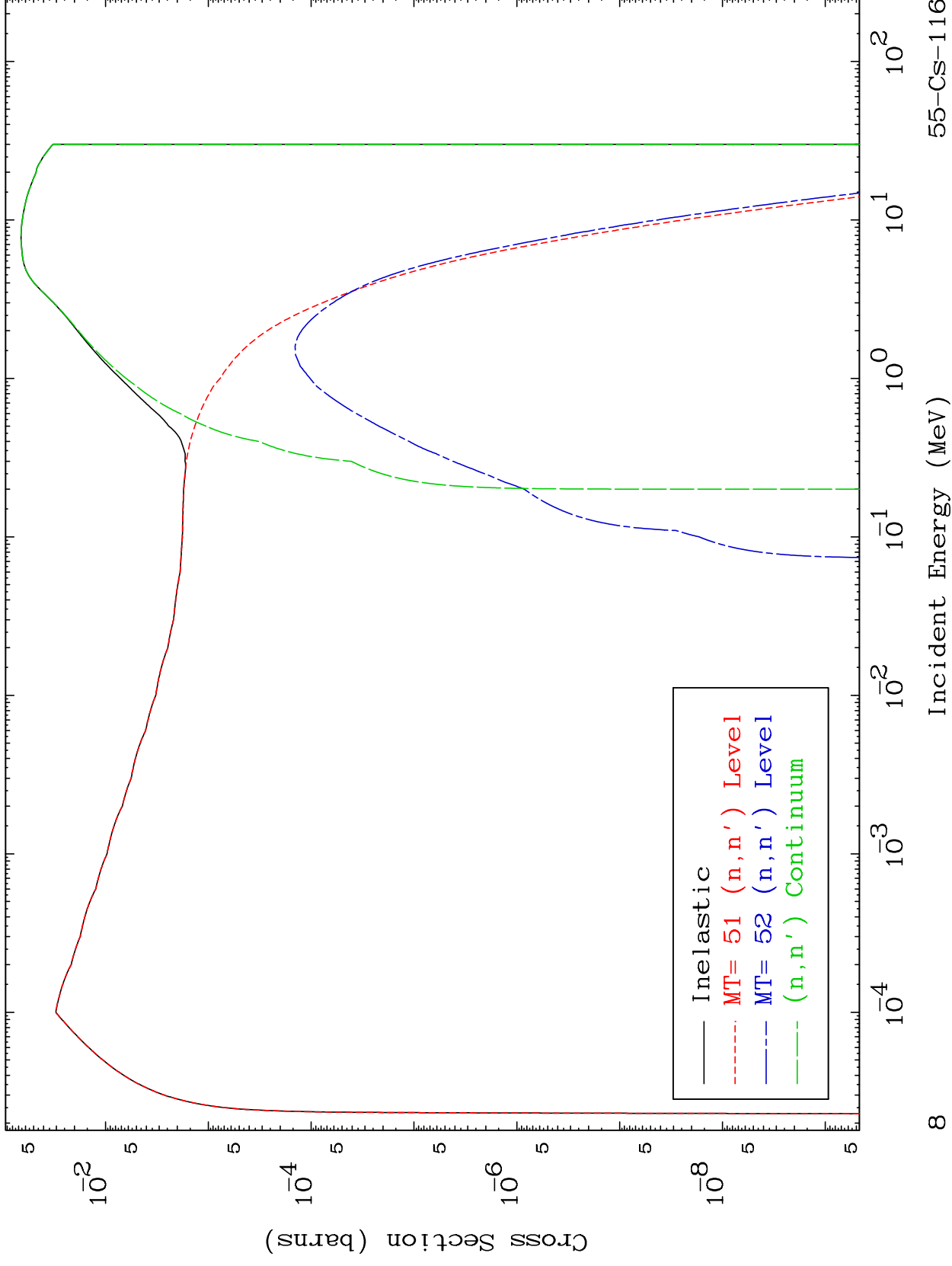


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(n,n') Level

55-Cs-116

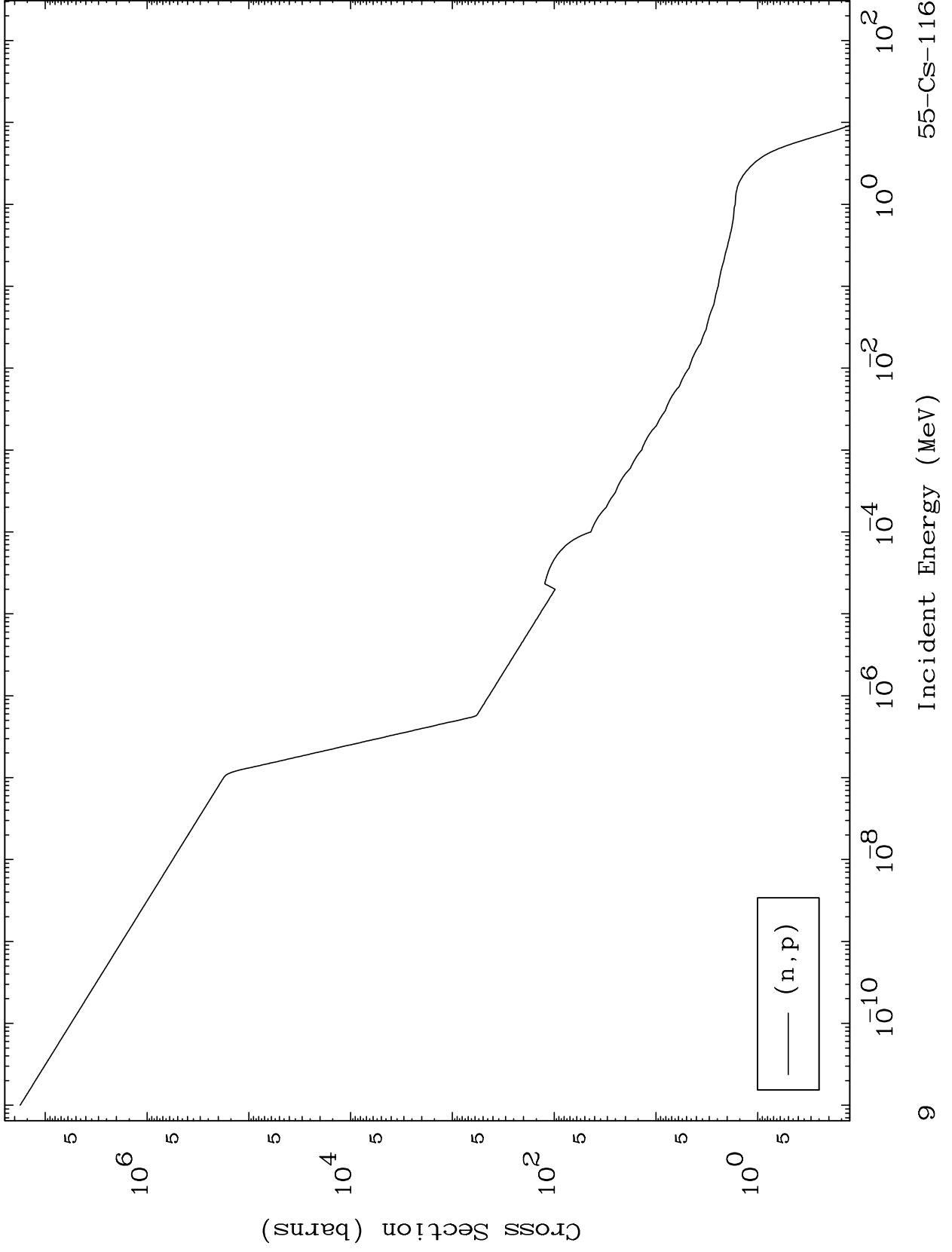
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

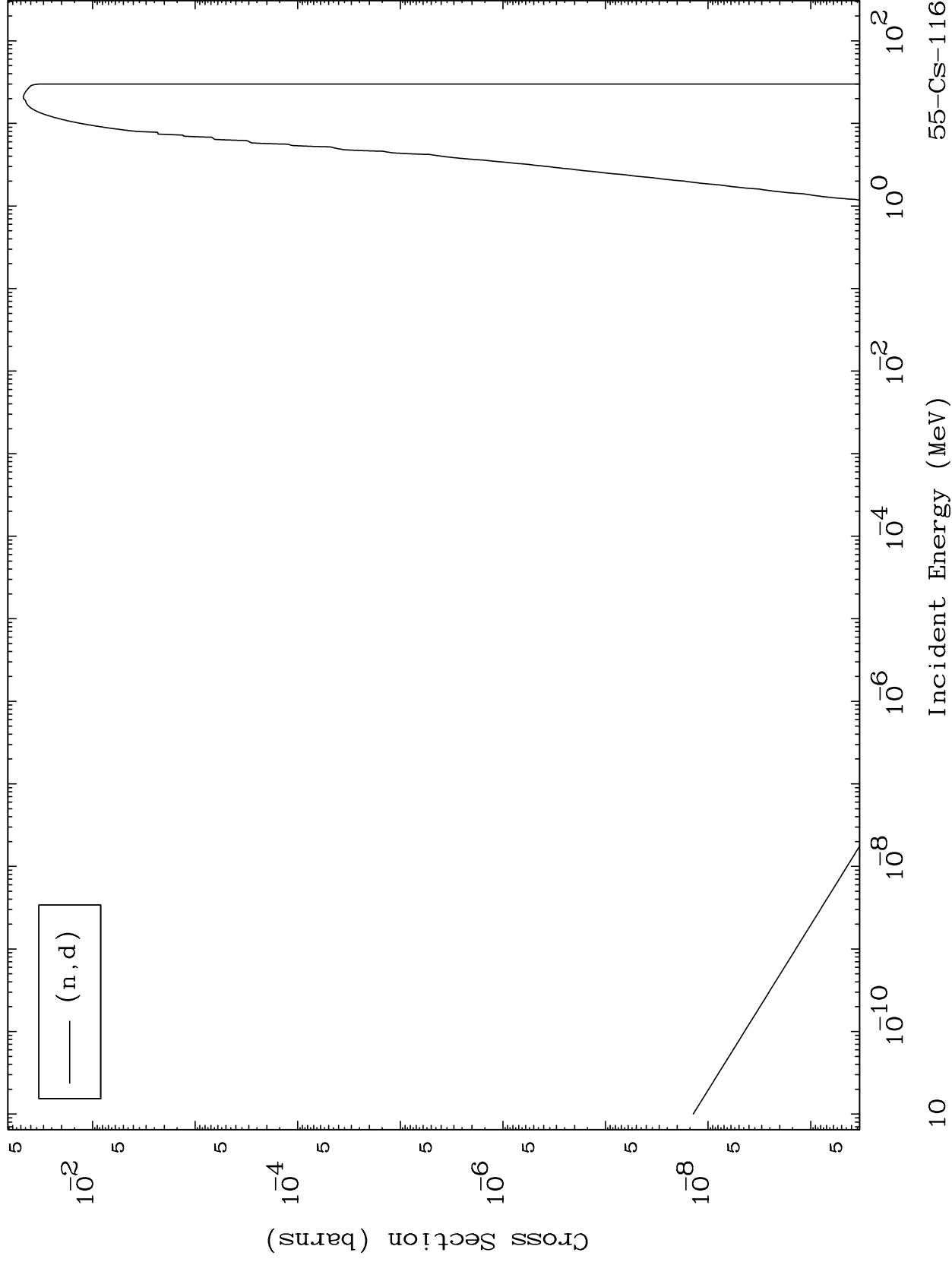
55-Cs-116



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(n,d) Levels  
293 Kelvin Cross Sections

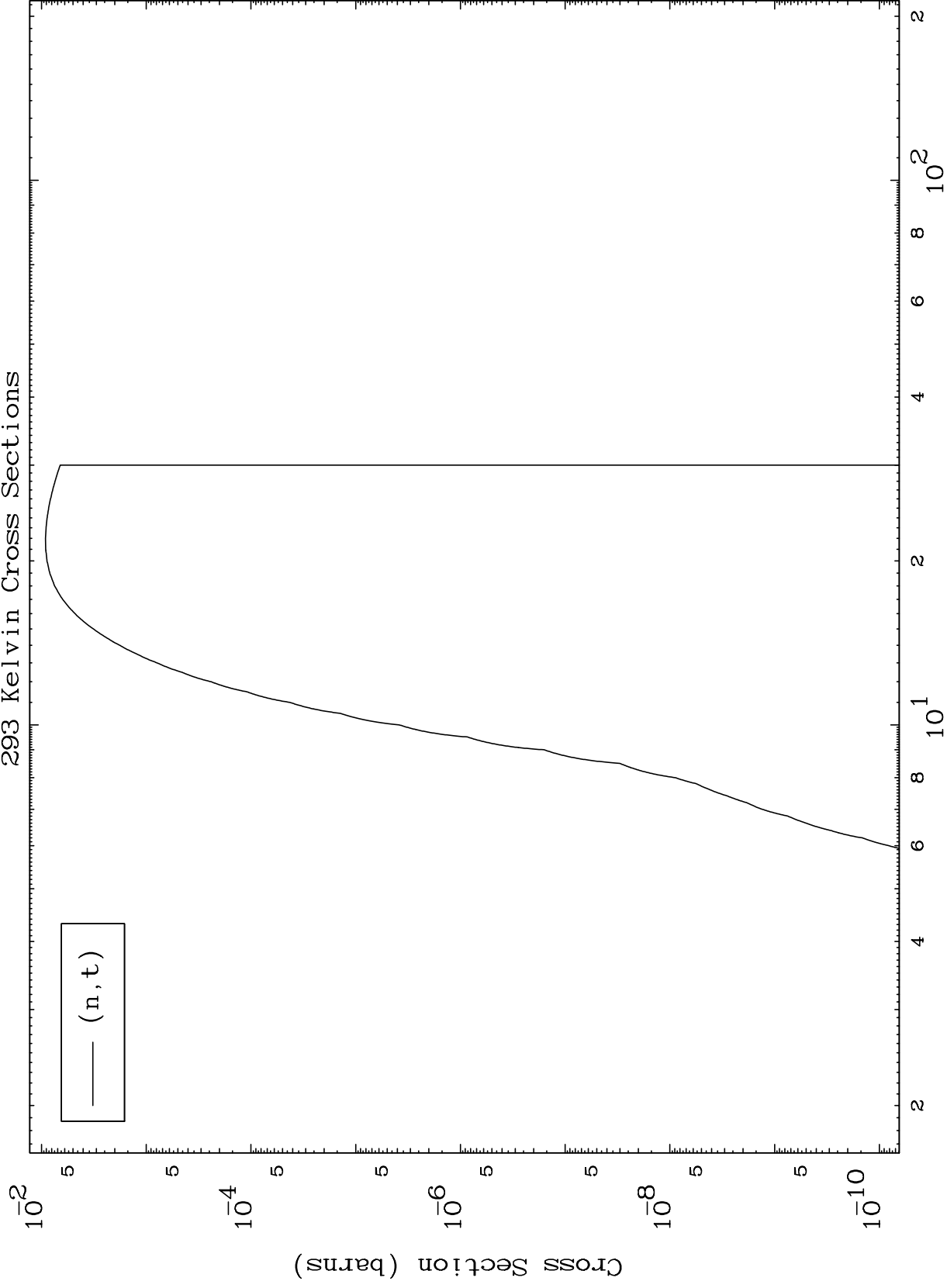
55-Cs-116



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(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-116



11

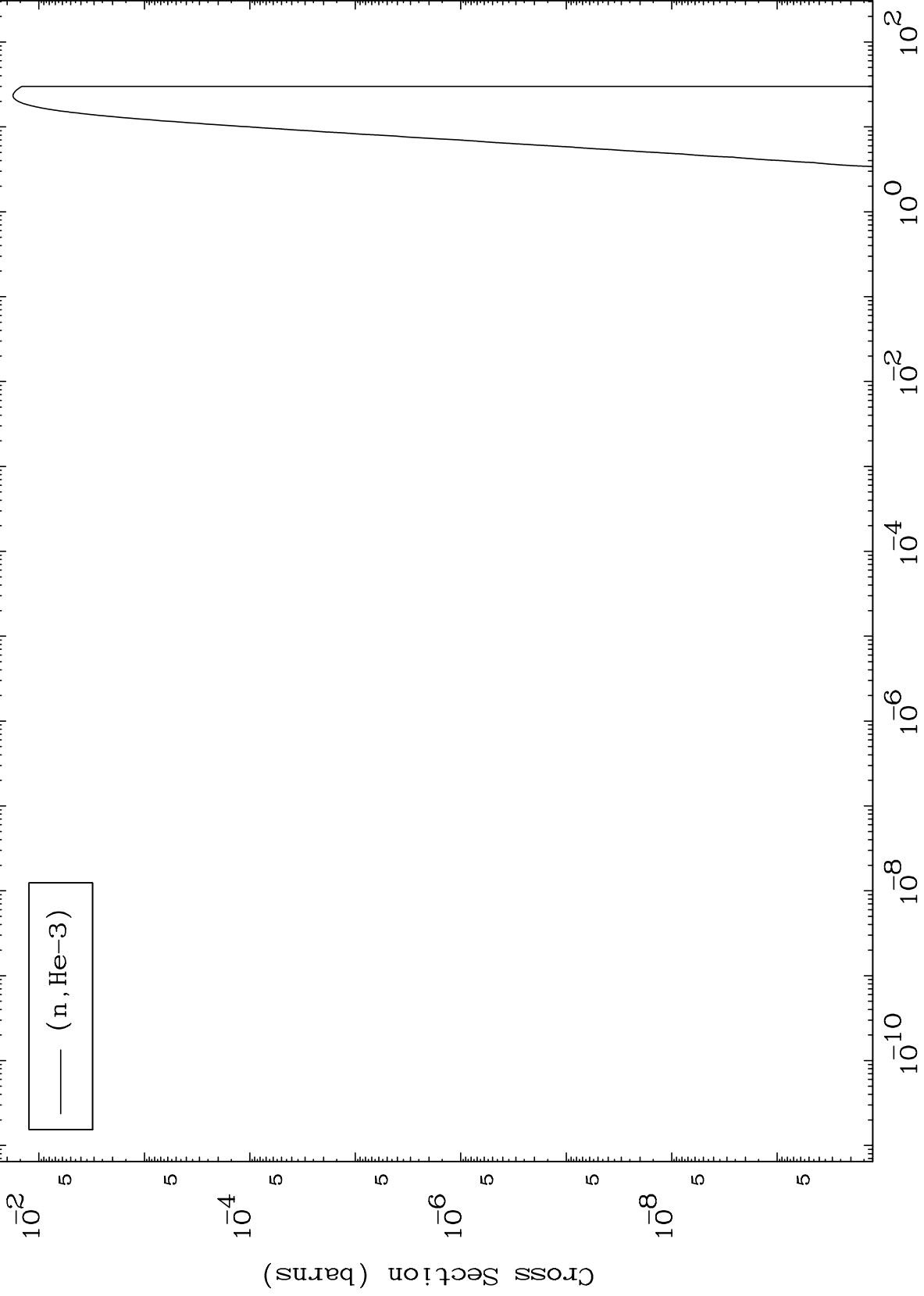
Incident Energy (MeV)

55-Cs-116

MAT 5475

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-116



12

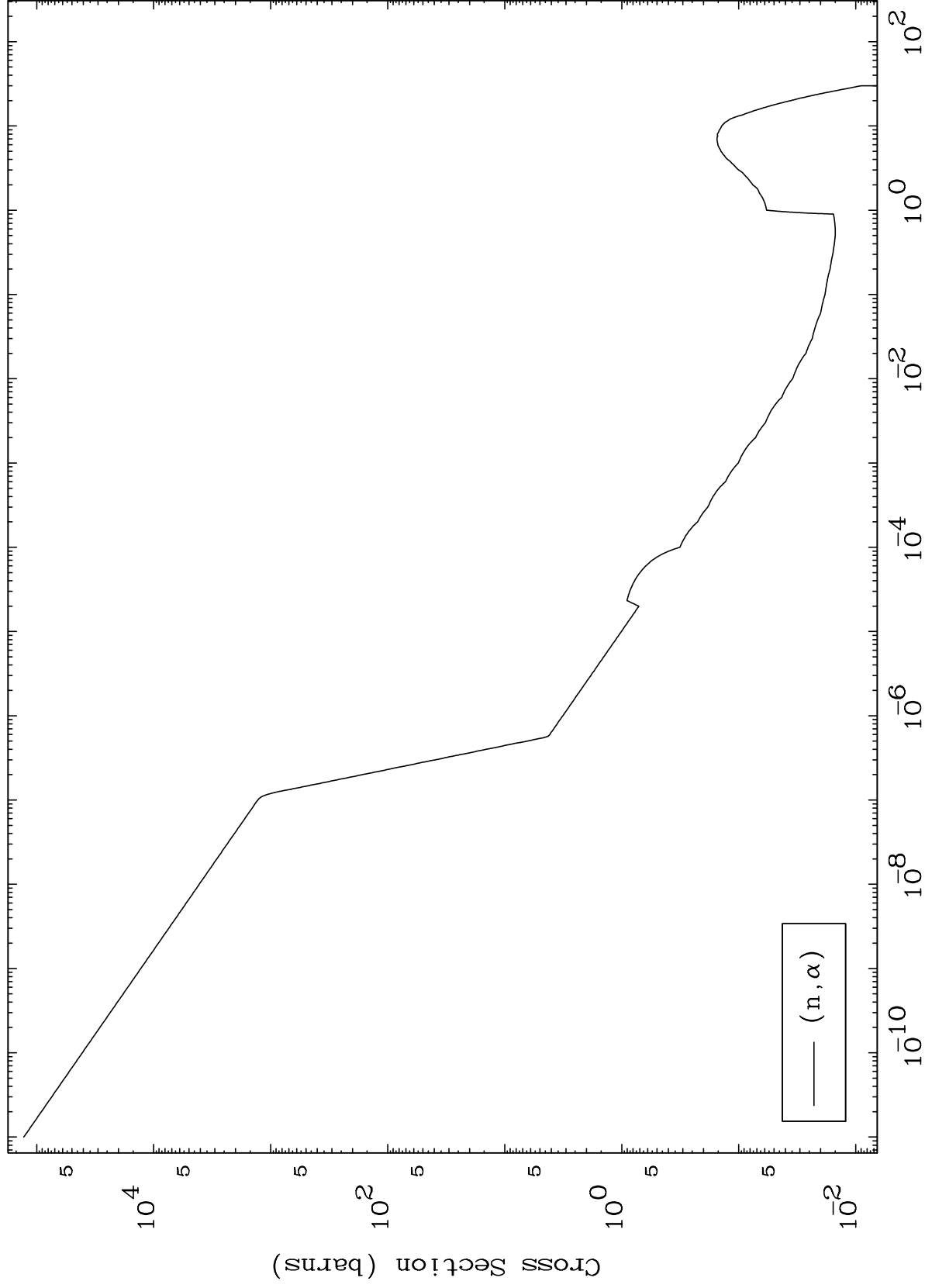
Incident Energy (MeV)

55-Cs-116

MAT 5475

(n,α) Levels  
293 Kelvin Cross Sections

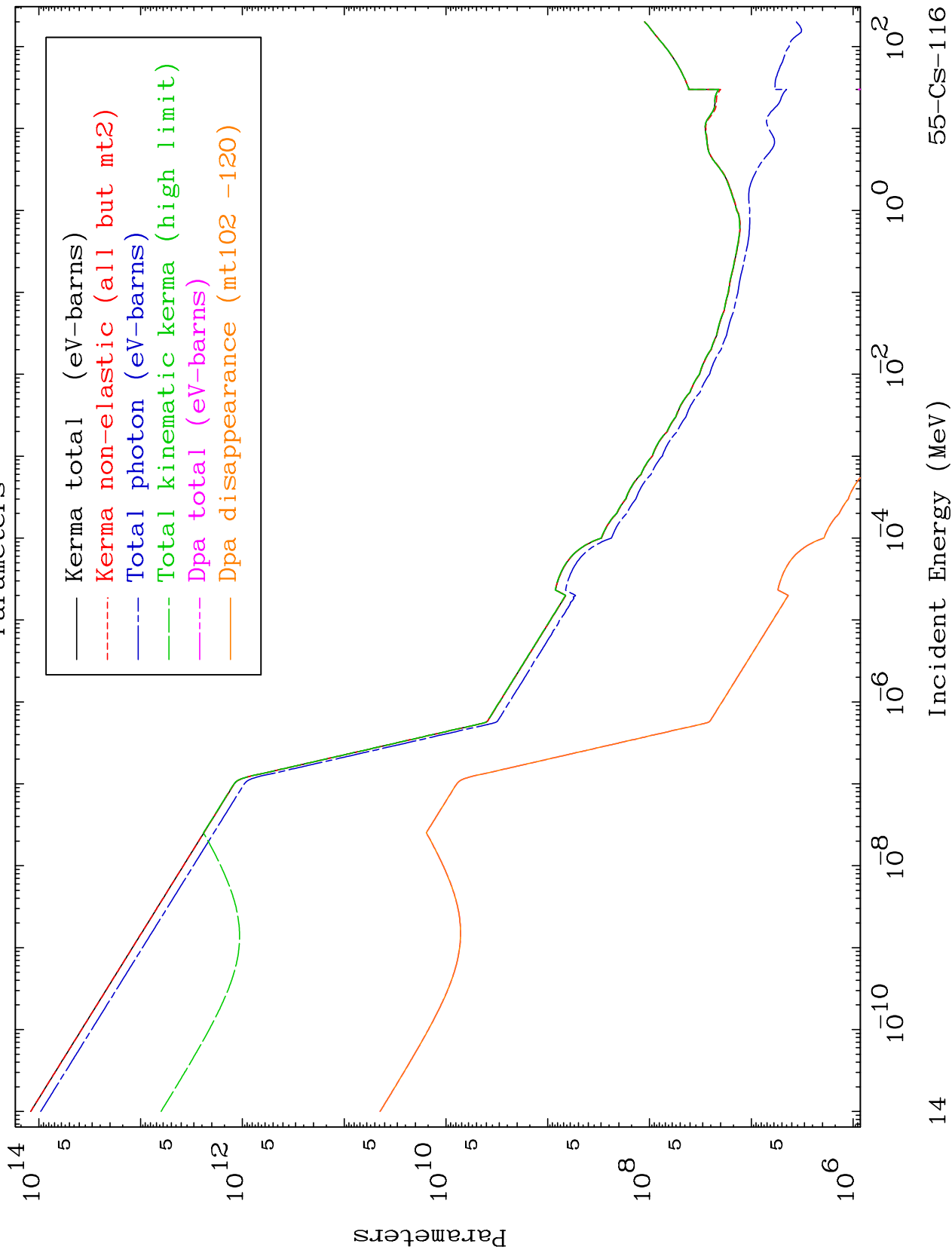
55-Cs-116

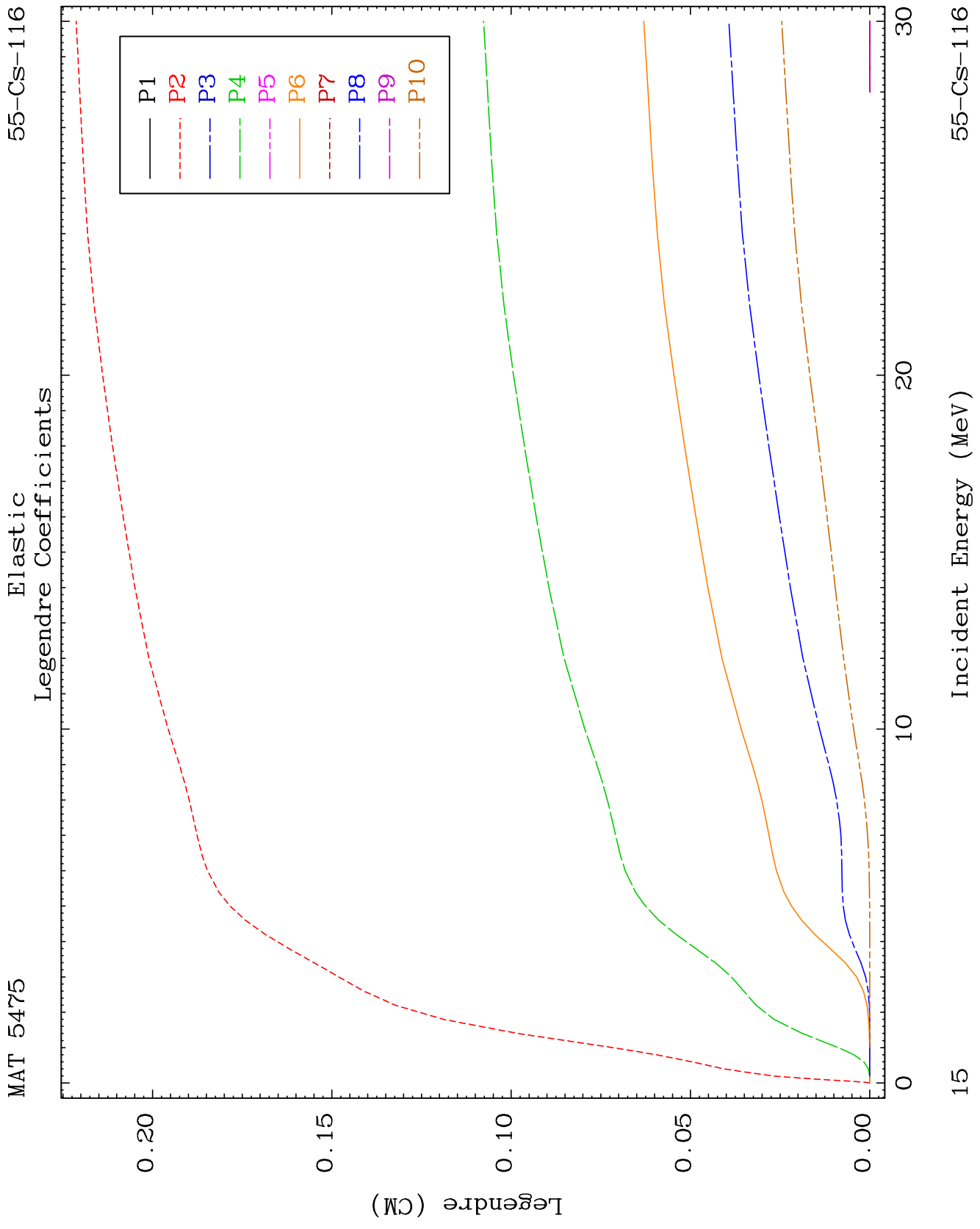


13

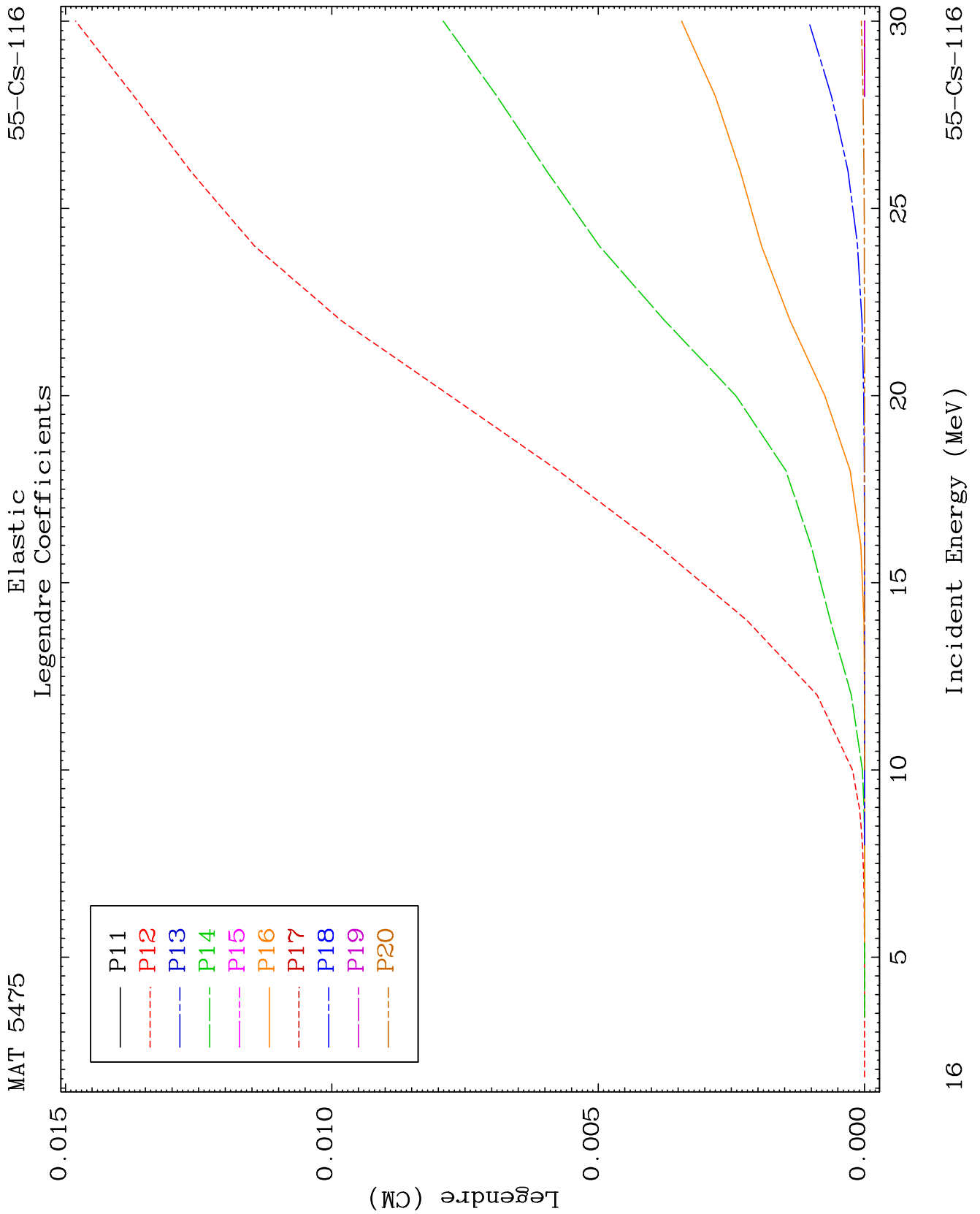
Incident Energy (MeV)

55-Cs-116





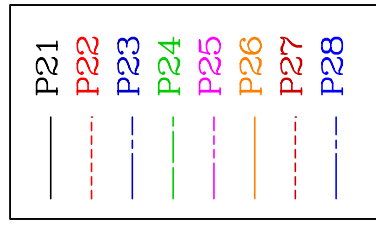




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Elastic  
Legendre Coefficients

55-Cs-116



$\times 10^{-6}$

Legendre (CM)

2

1

0

15

20

25

30

17

Incident Energy (MeV)

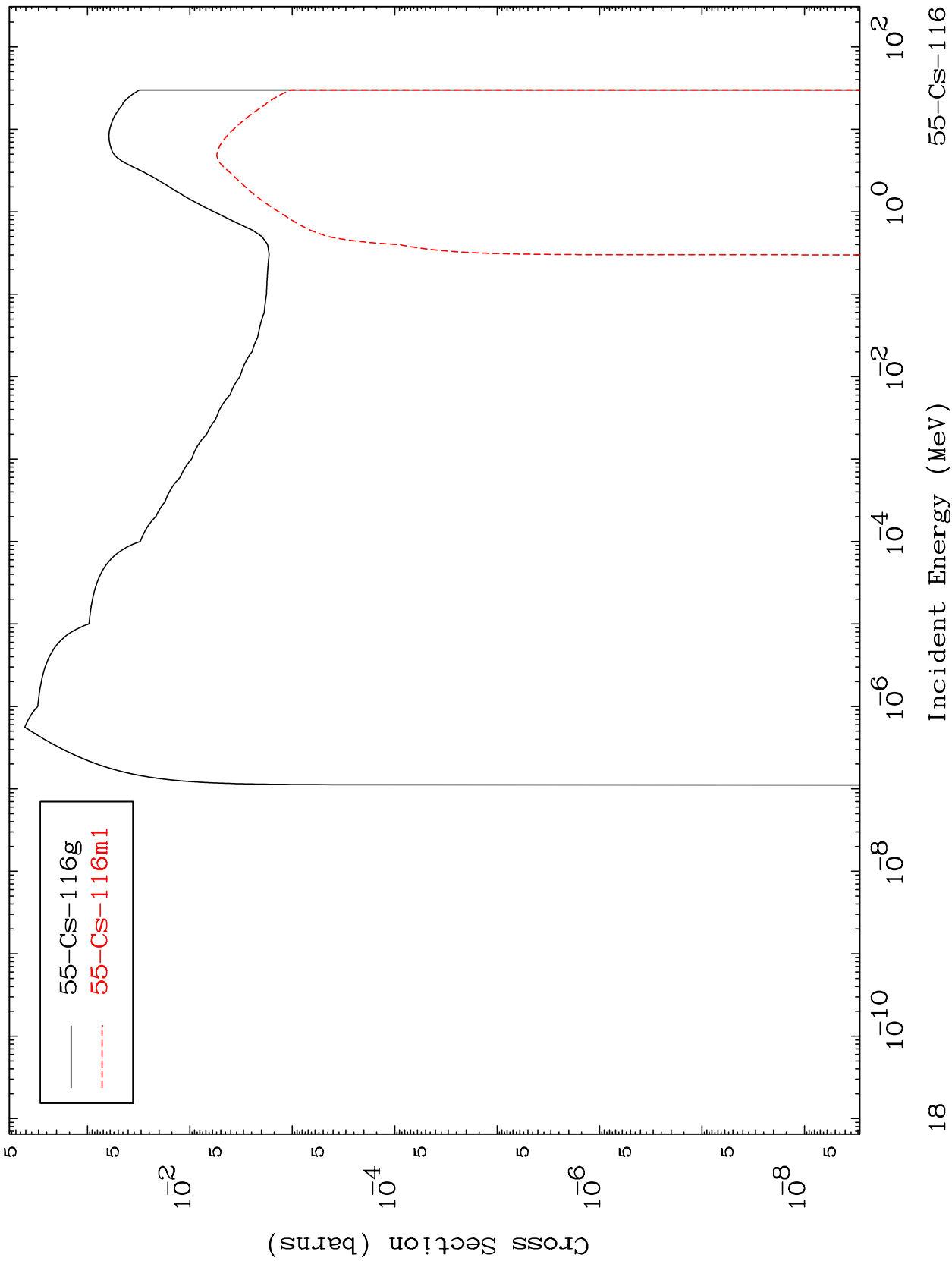
55-Cs-116



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Inelastic  
Radionuclide Production Cross Section

55-Cs-116

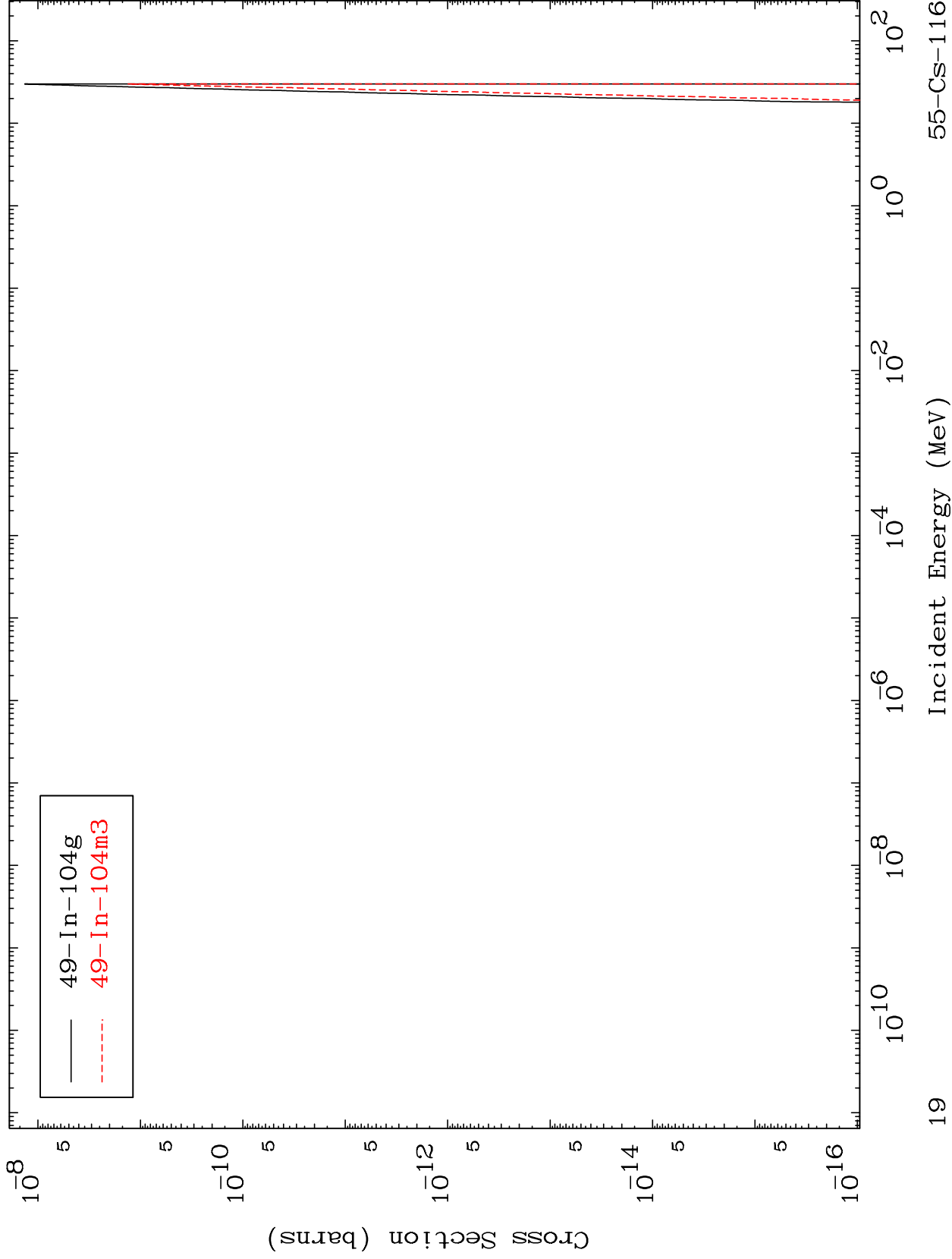


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(n,n') 3α

55-Cs-116

Radionuclide Production Cross Section

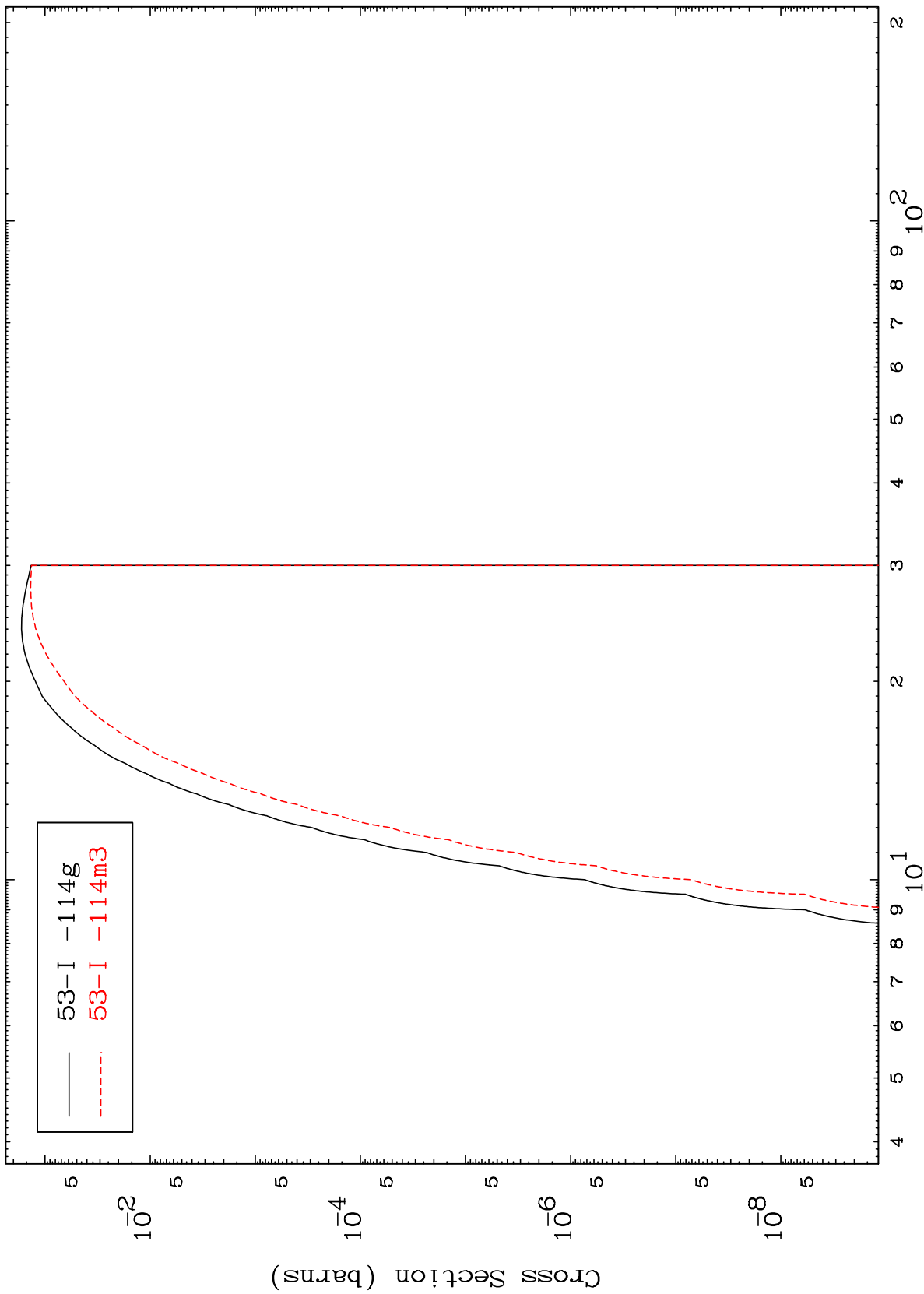


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(n,2n) p

55-Cs-116

Radionuclide Production Cross Section



53-I -114g  
53-I -114m3

20

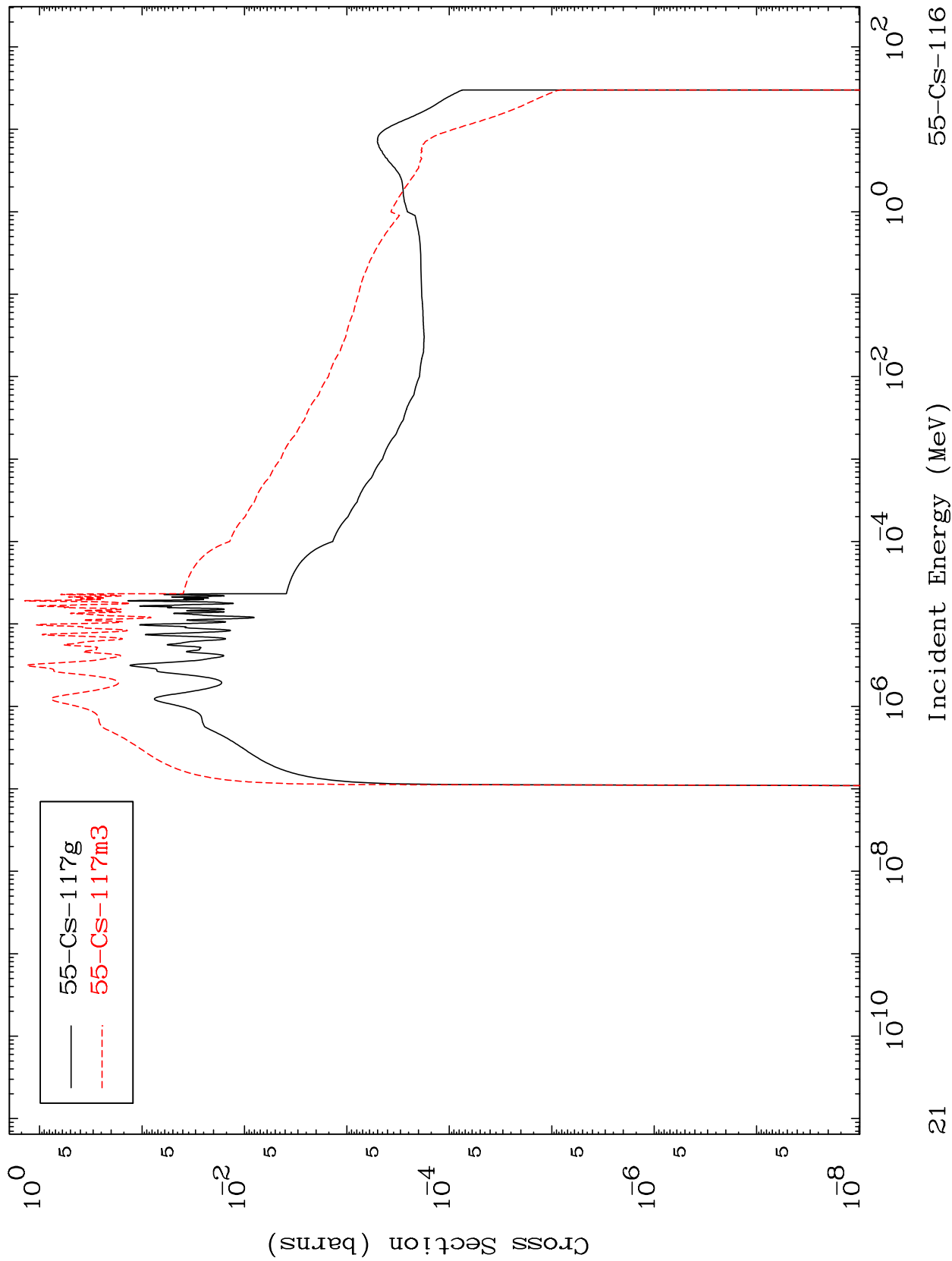
Incident Energy (MeV)

55-Cs-116

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55-Cs-116

Radionuclide Production Cross Section (n,γ)

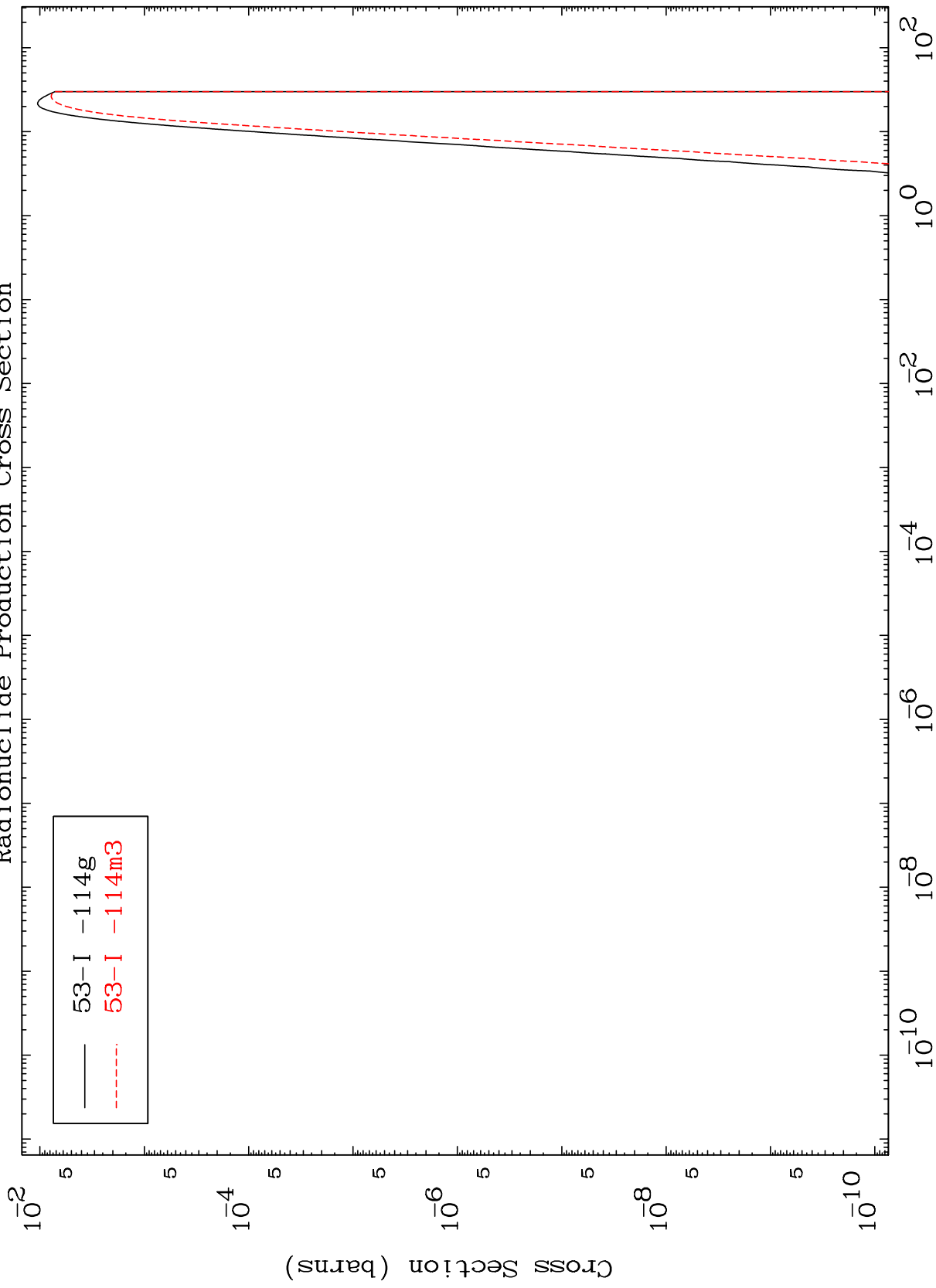


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(n,He-3)

55-Cs-116

Radionuclide Production Cross Section



22

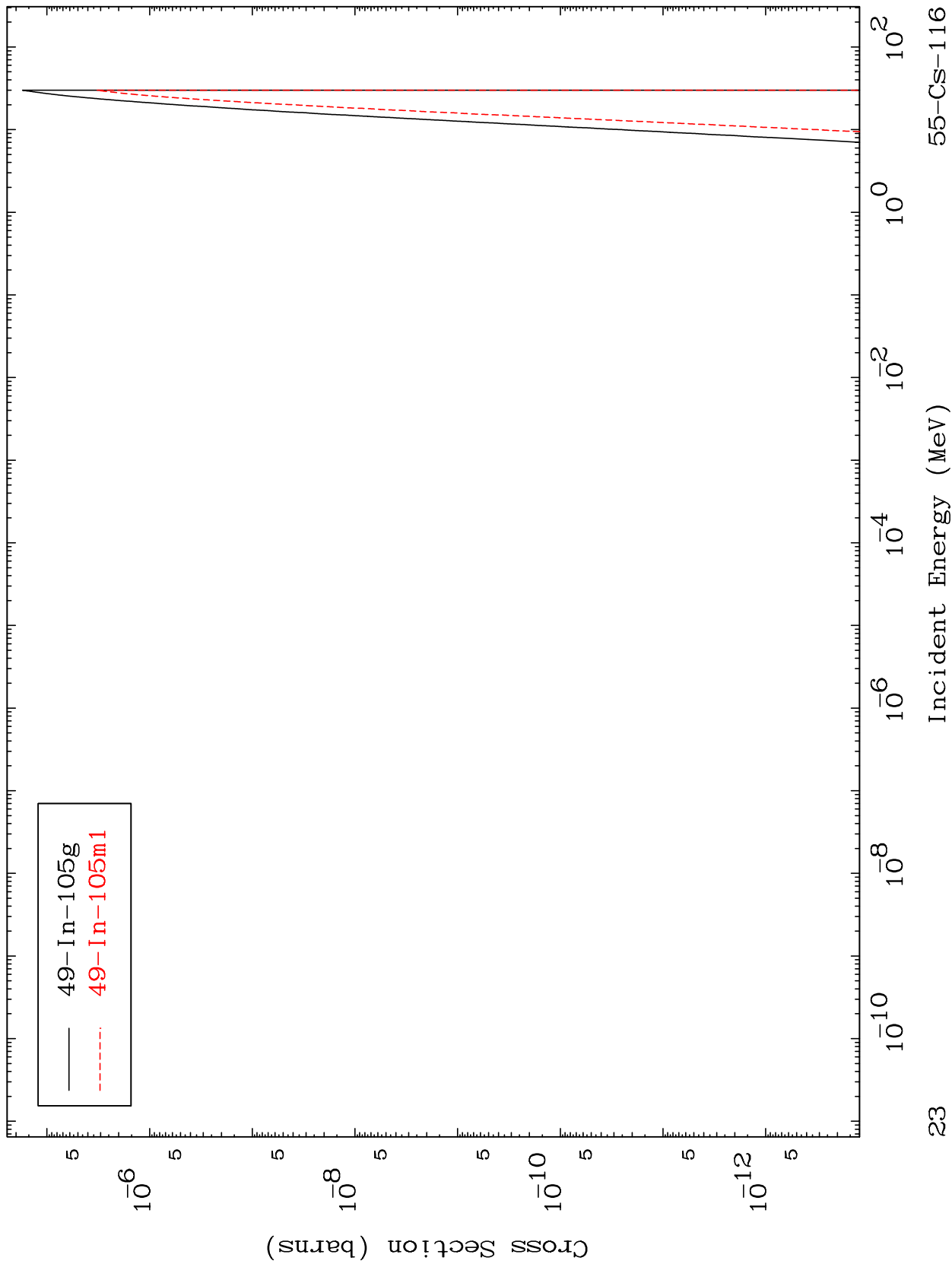
Incident Energy (MeV)

55-Cs-116

MAT 5475

55-Cs-116

(n,3 $\alpha$ )  
Radionuclide Production Cross Section



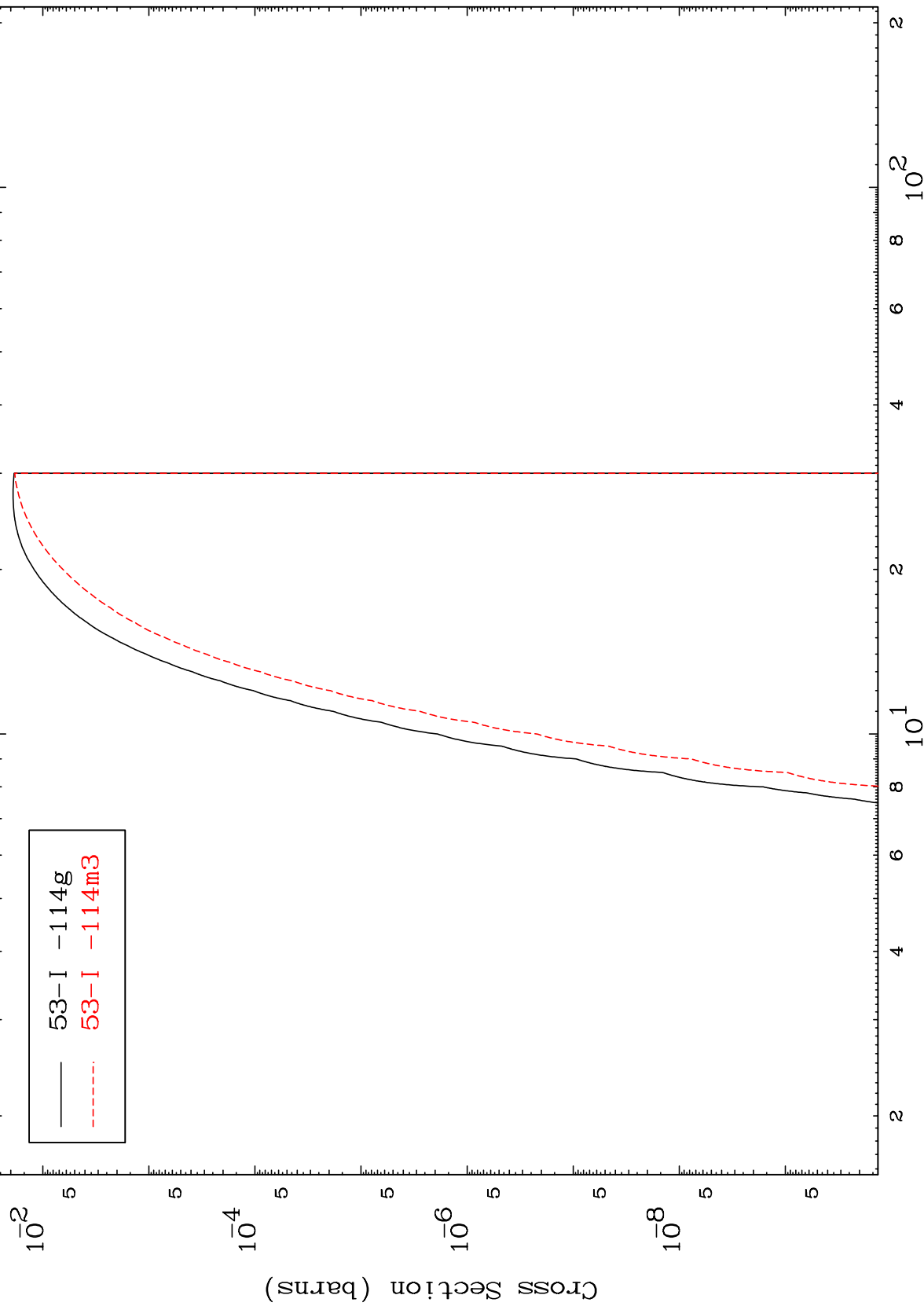


MAT 5475

(n,p) d

55-Cs-116

Radionuclide Production Cross Section



53-I -114g  
53-I -114m3

24

Incident Energy (MeV)

55-Cs-116