

Program EVALPLOT  
(Version 2018-1)

by

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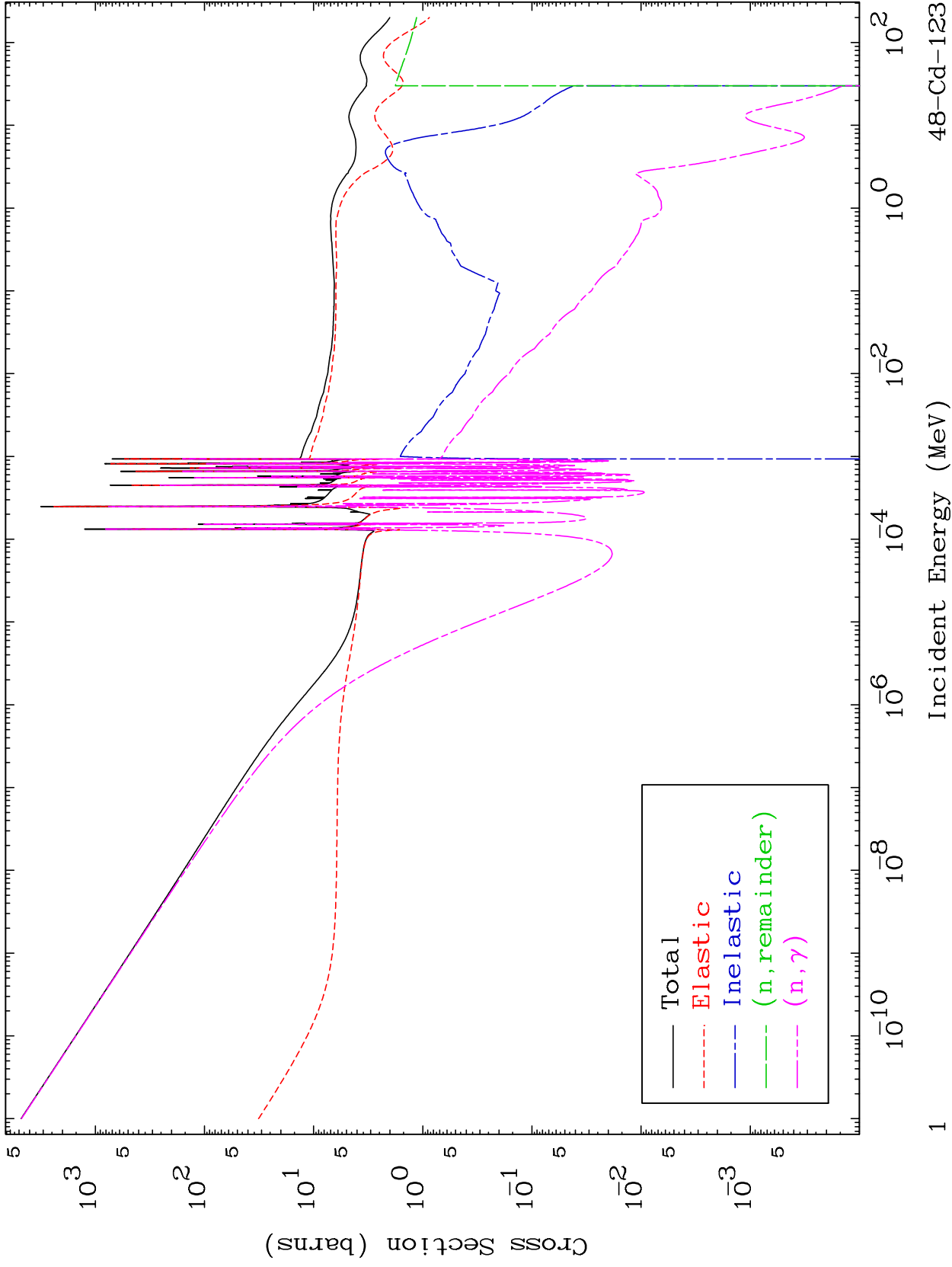
Press Mouse Button to Start

MAT 4877

Major

293 Kelvin Cross Sections

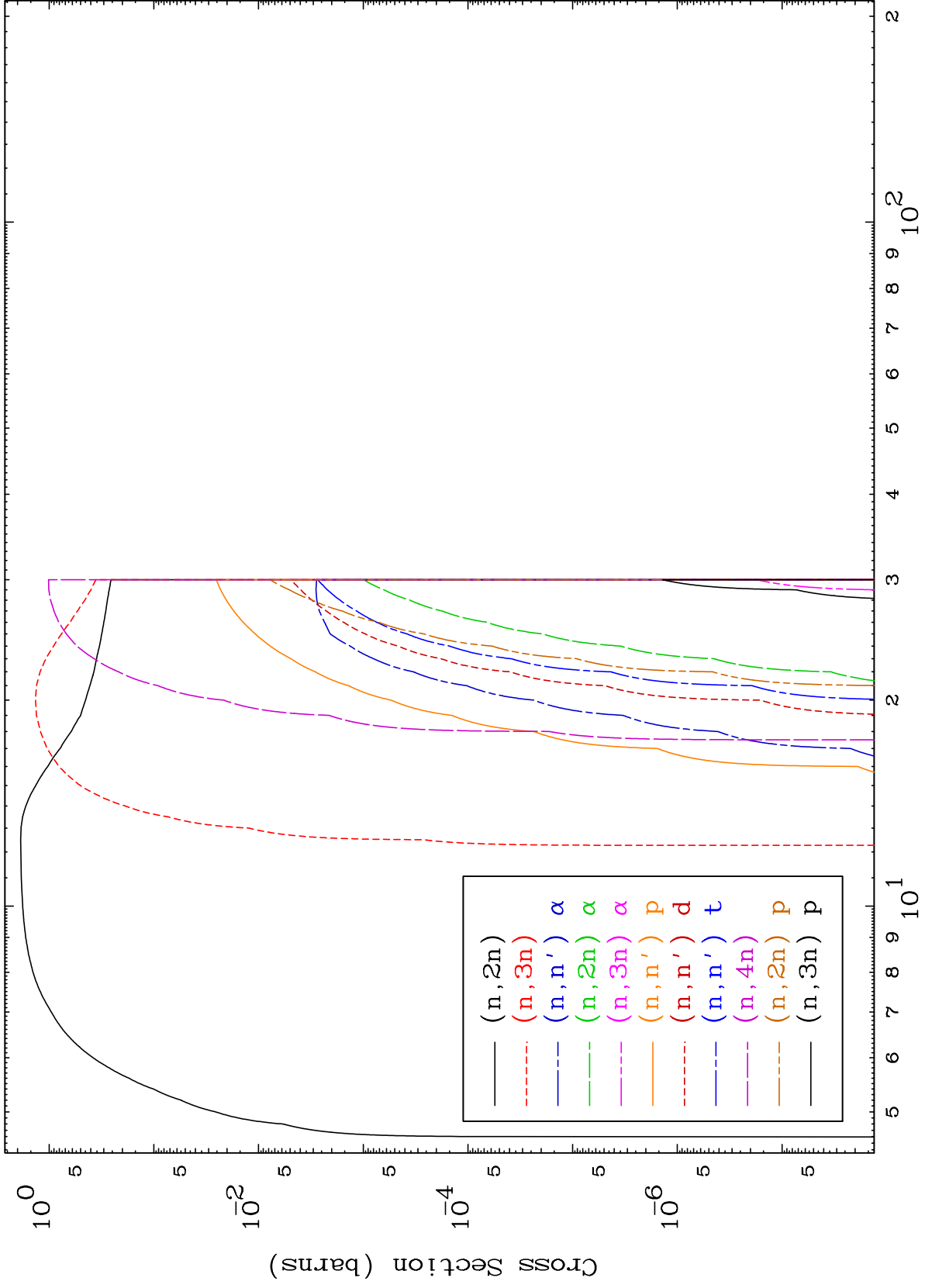
48-Cd-123



MAT 48777

Neutron Production  
293 Kelvin Cross Sections

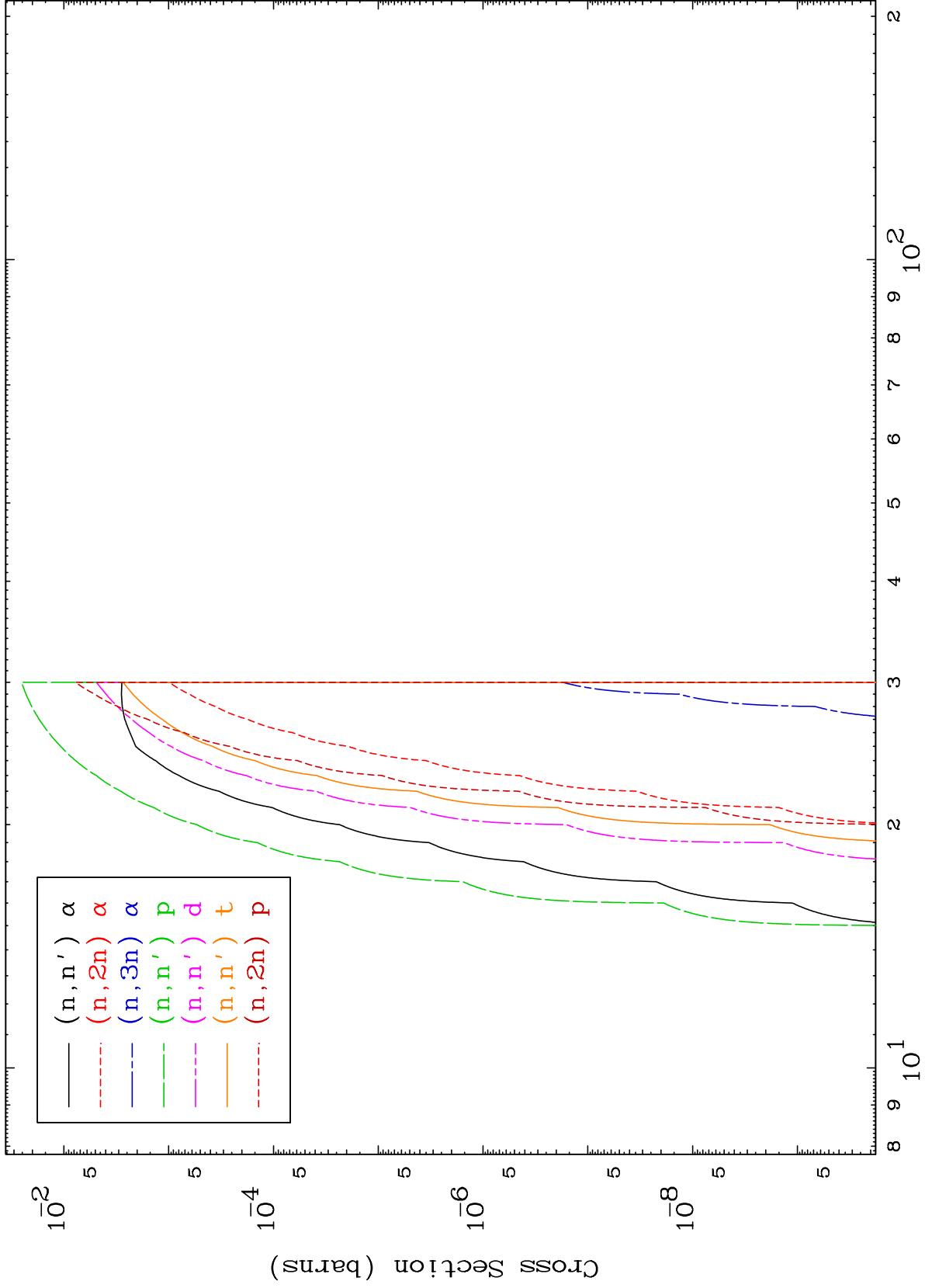
48-Cd-123



Incident Energy (MeV)

48-Cd-123

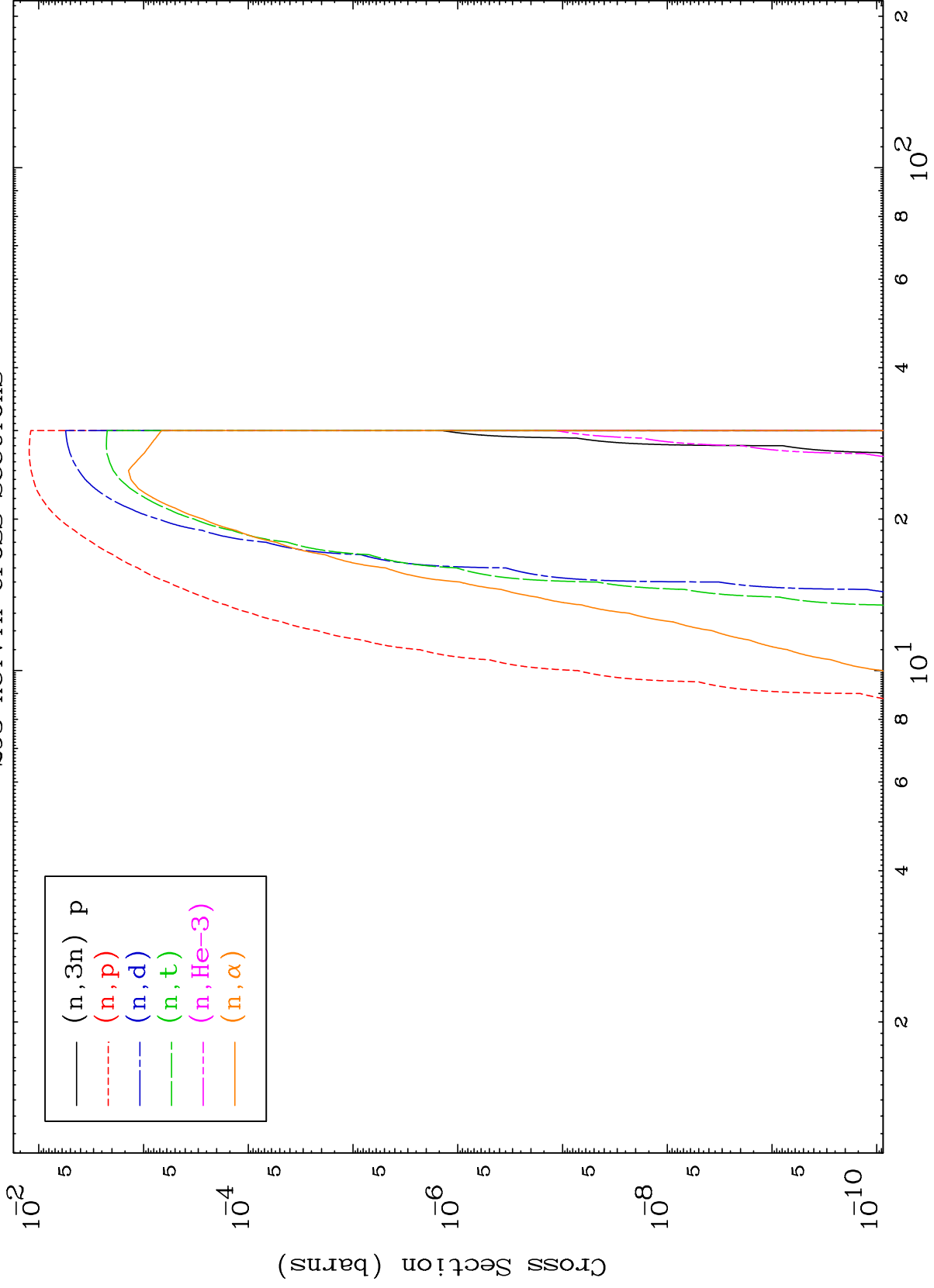
2



MAT 4877

Charged Particle  
293 Kelvin Cross Sections

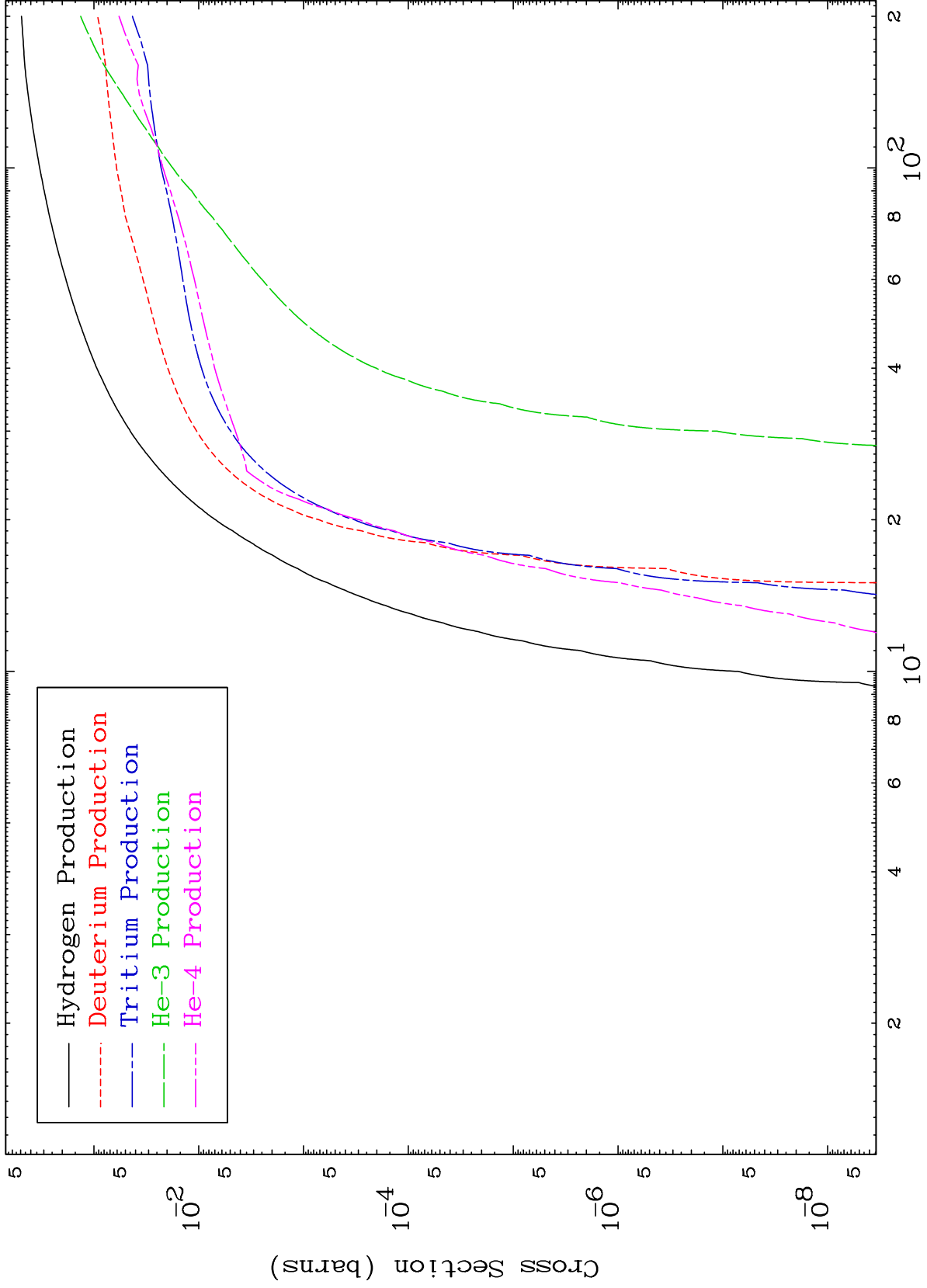
48-Cd-123



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Particle Production  
293 Kelvin Cross Sections

48-Cd-123



5

Incident Energy (MeV)

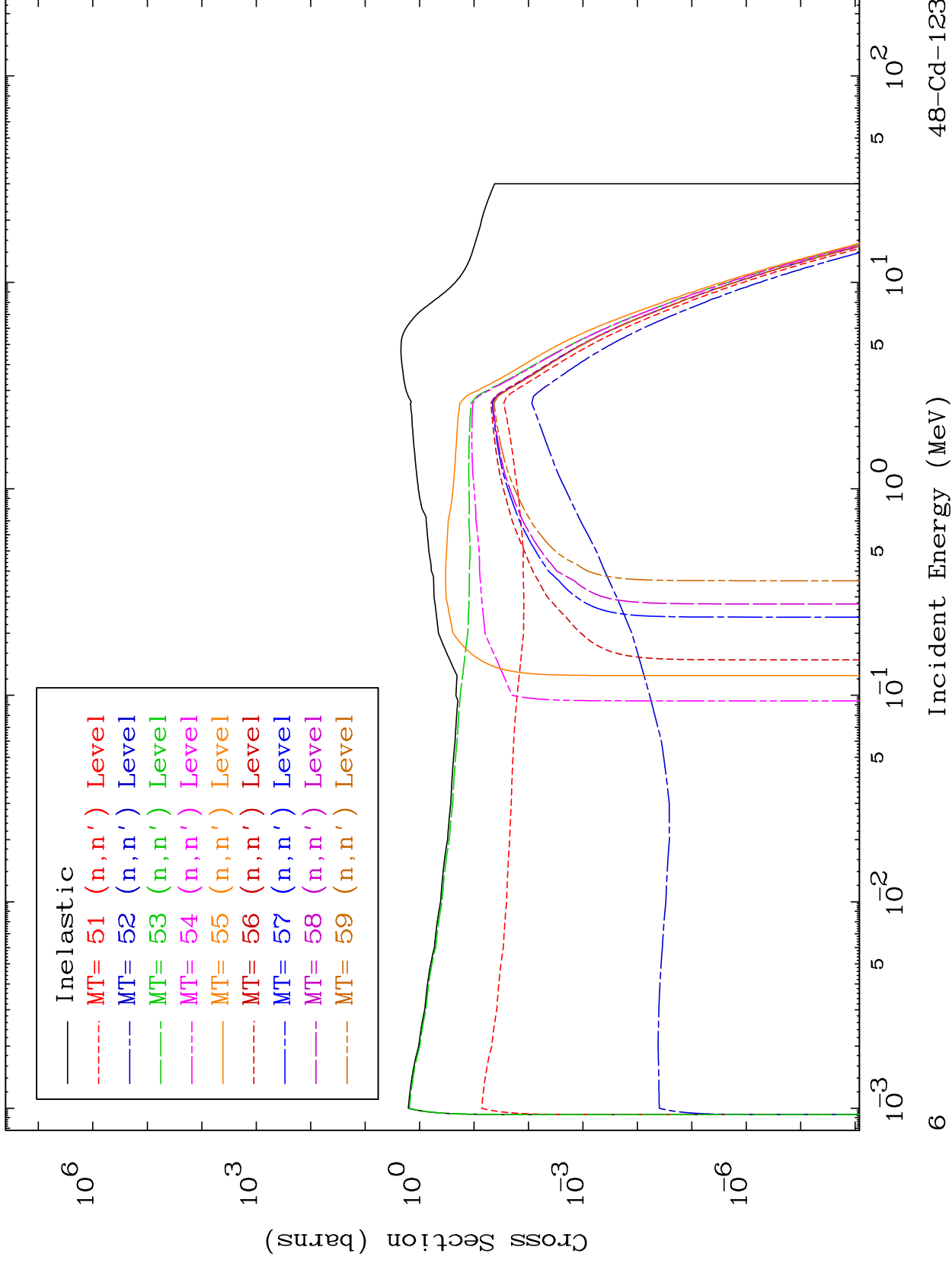
48-Cd-123

MAT 4877

(n,n') Level

48-Cd-123

293 Kelvin Cross Sections



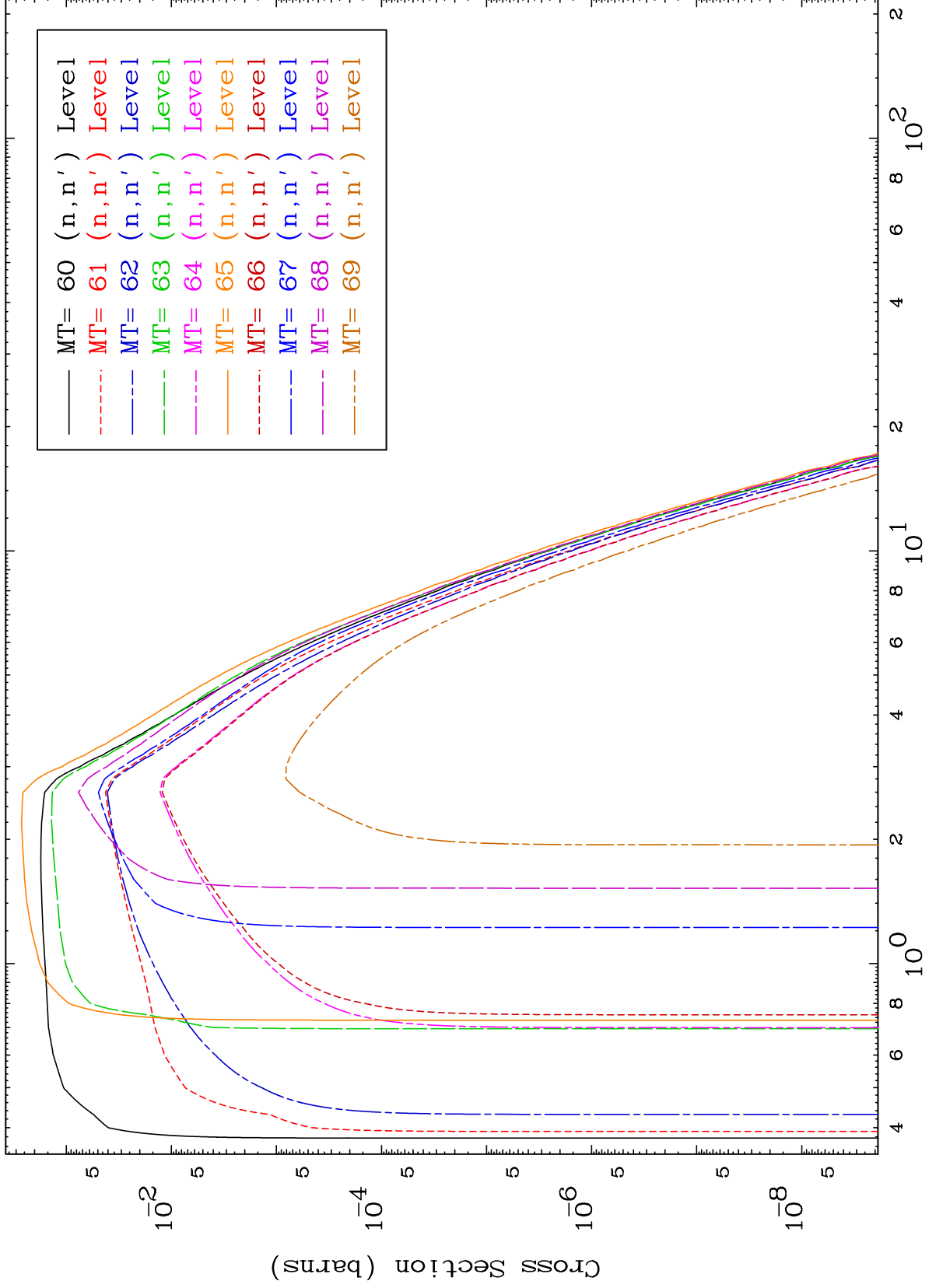
48-Cd-123

MAT 48777

(n,n') Level

48-Cd-123

293 Kelvin Cross Sections



7

Incident Energy (MeV)

48-Cd-123

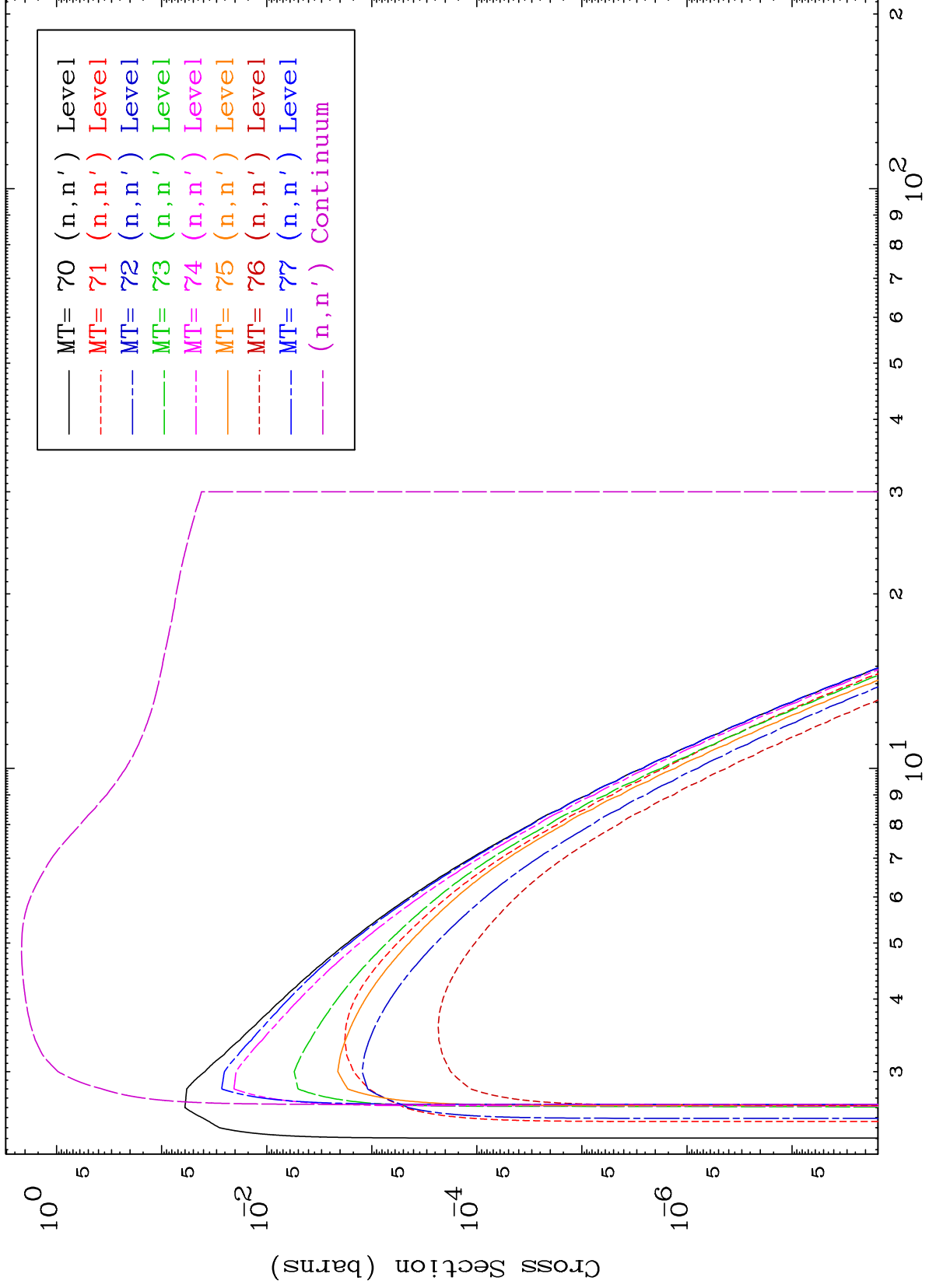


MAT 4877

(n,n') Level

48-Cd-123

293 Kelvin Cross Sections



8

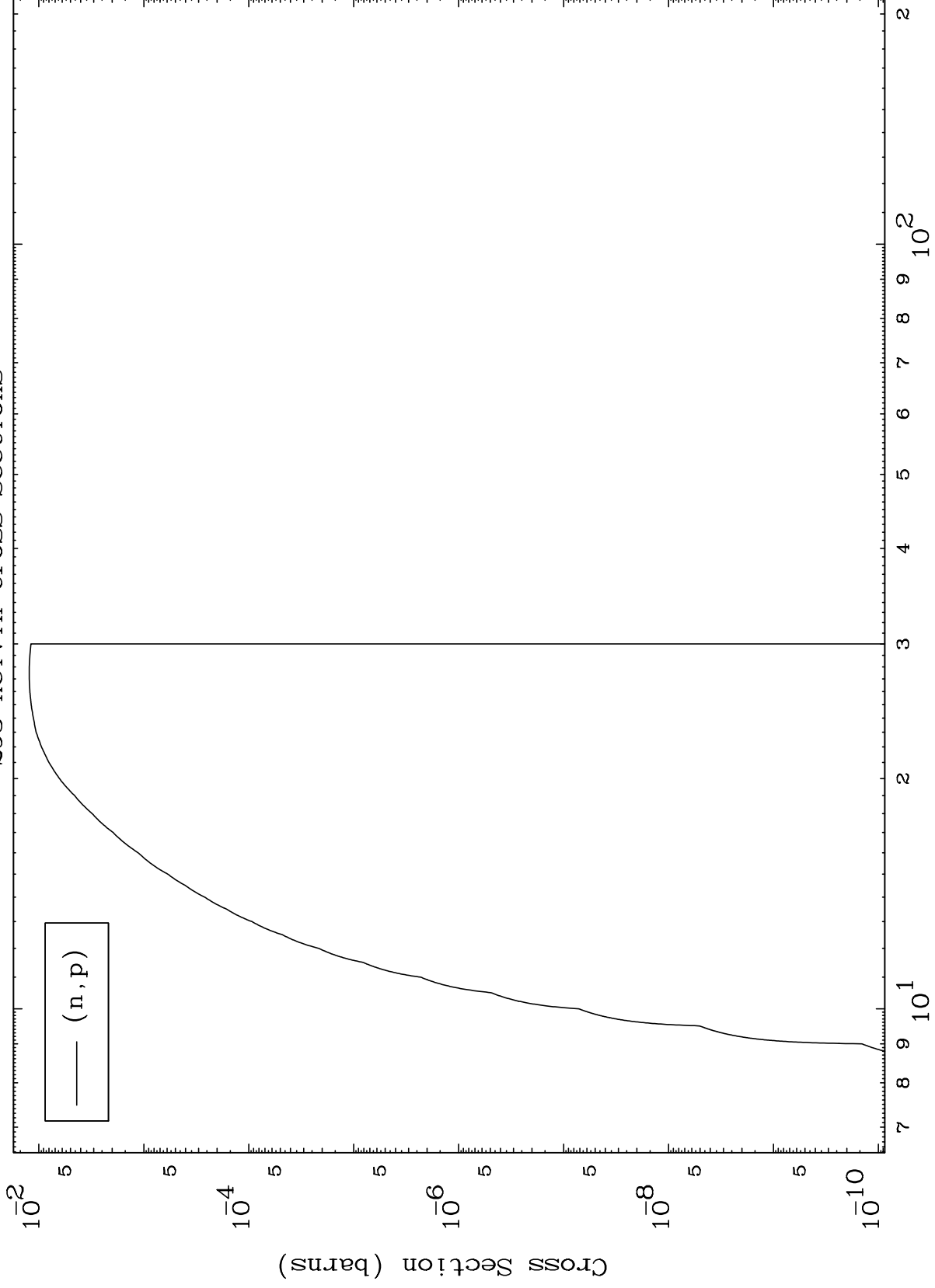
Incident Energy (MeV)

48-Cd-123

MAT 48777

(n,p) Levels  
293 Kelvin Cross Sections

48-Cd-123



9

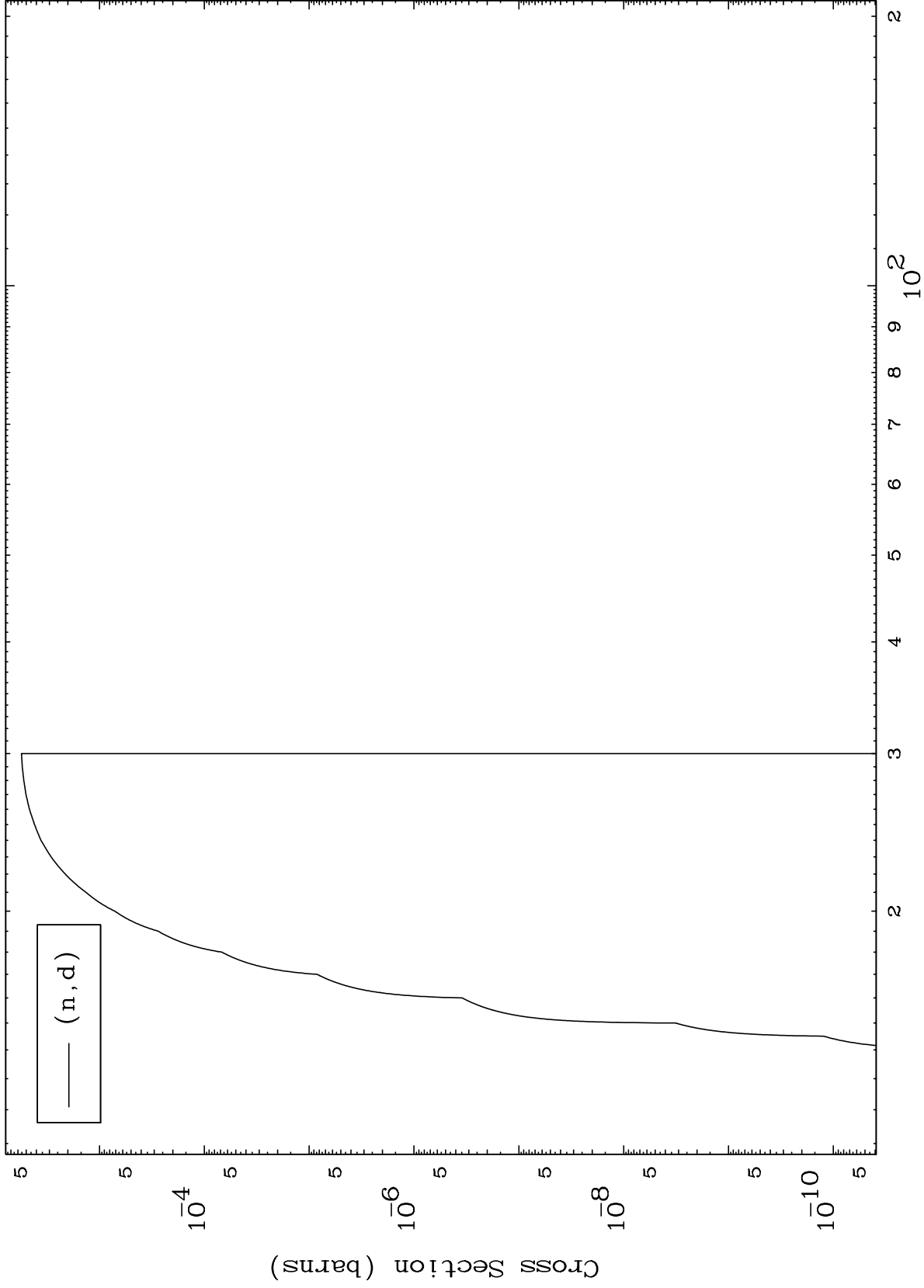
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n,d) Levels  
293 Kelvin Cross Sections

48-Cd-123



10

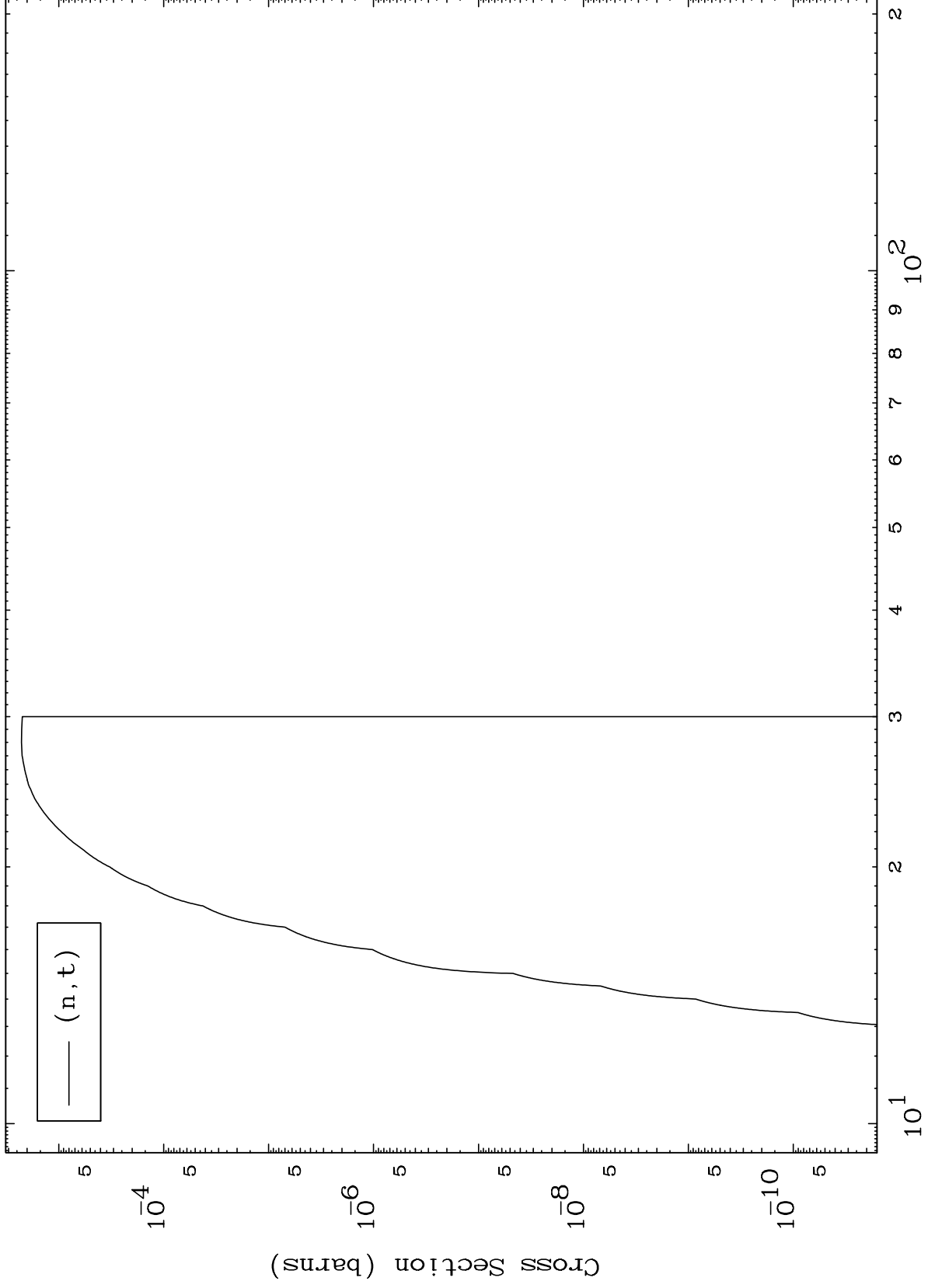
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n,t) Levels  
293 Kelvin Cross Sections

48-Cd-123



11

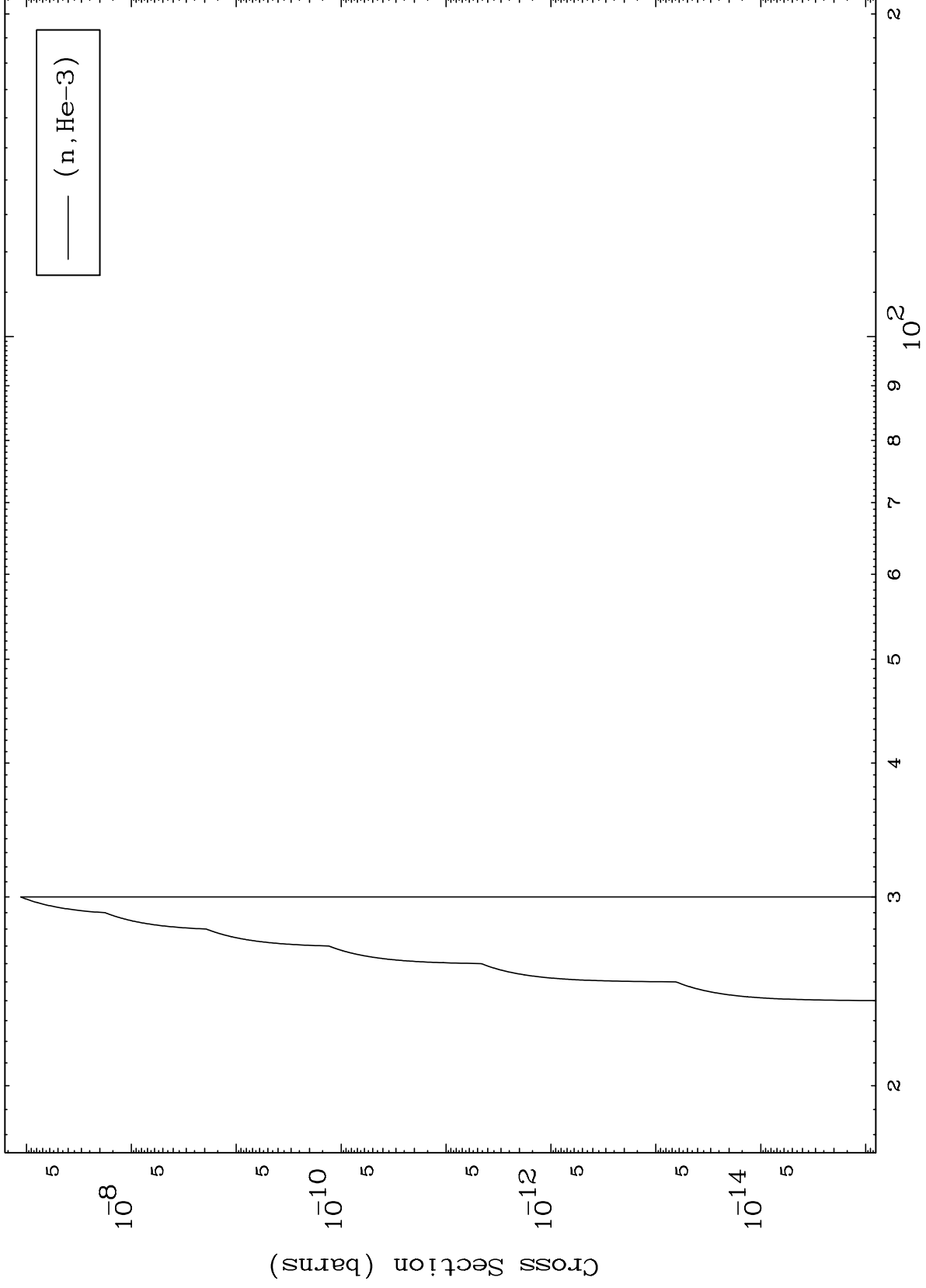
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n,He3) Levels  
293 Kelvin Cross Sections

48-Cd-123



12

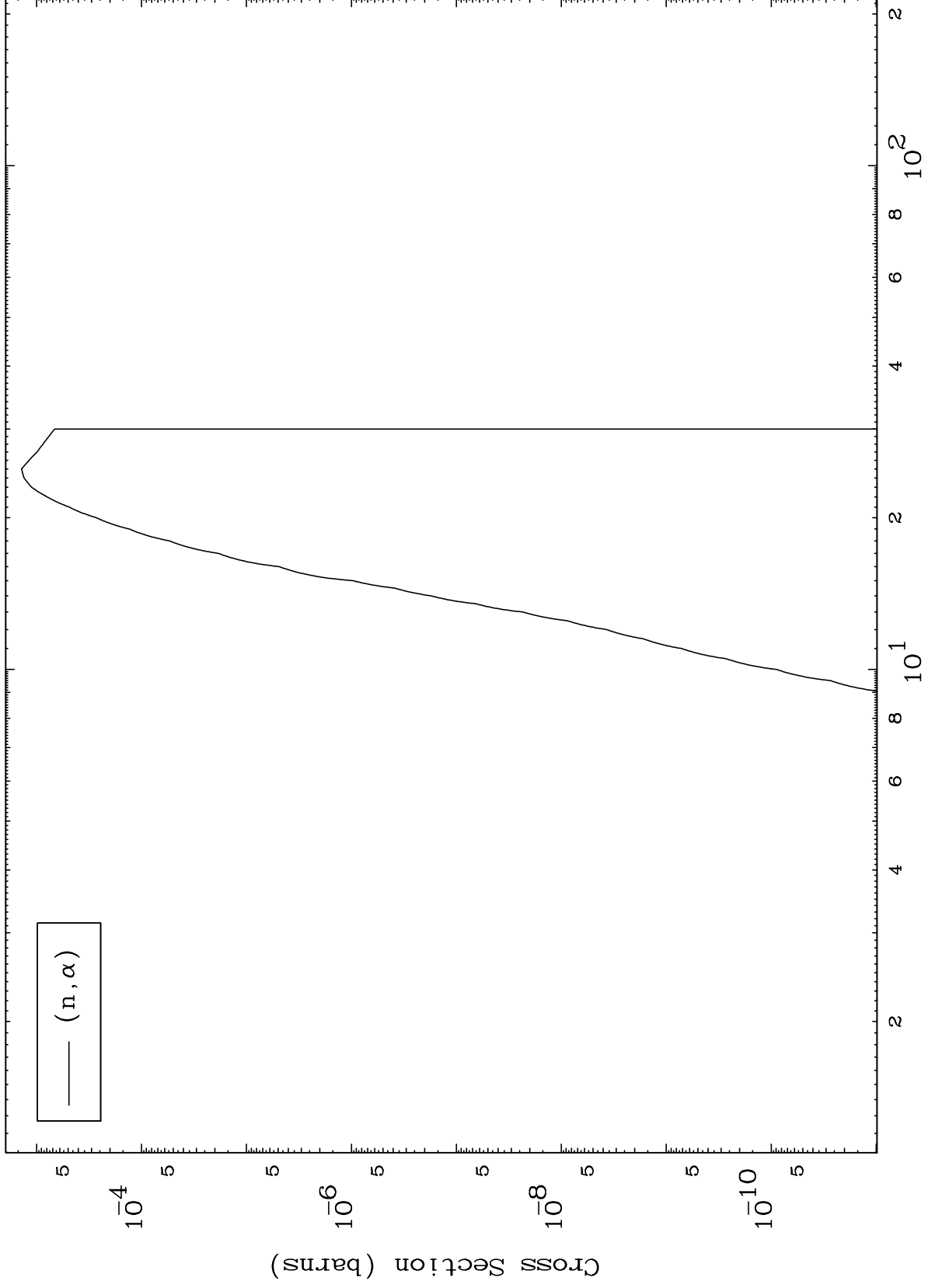
Incident Energy (MeV)

48-Cd-123

MAT 4877

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

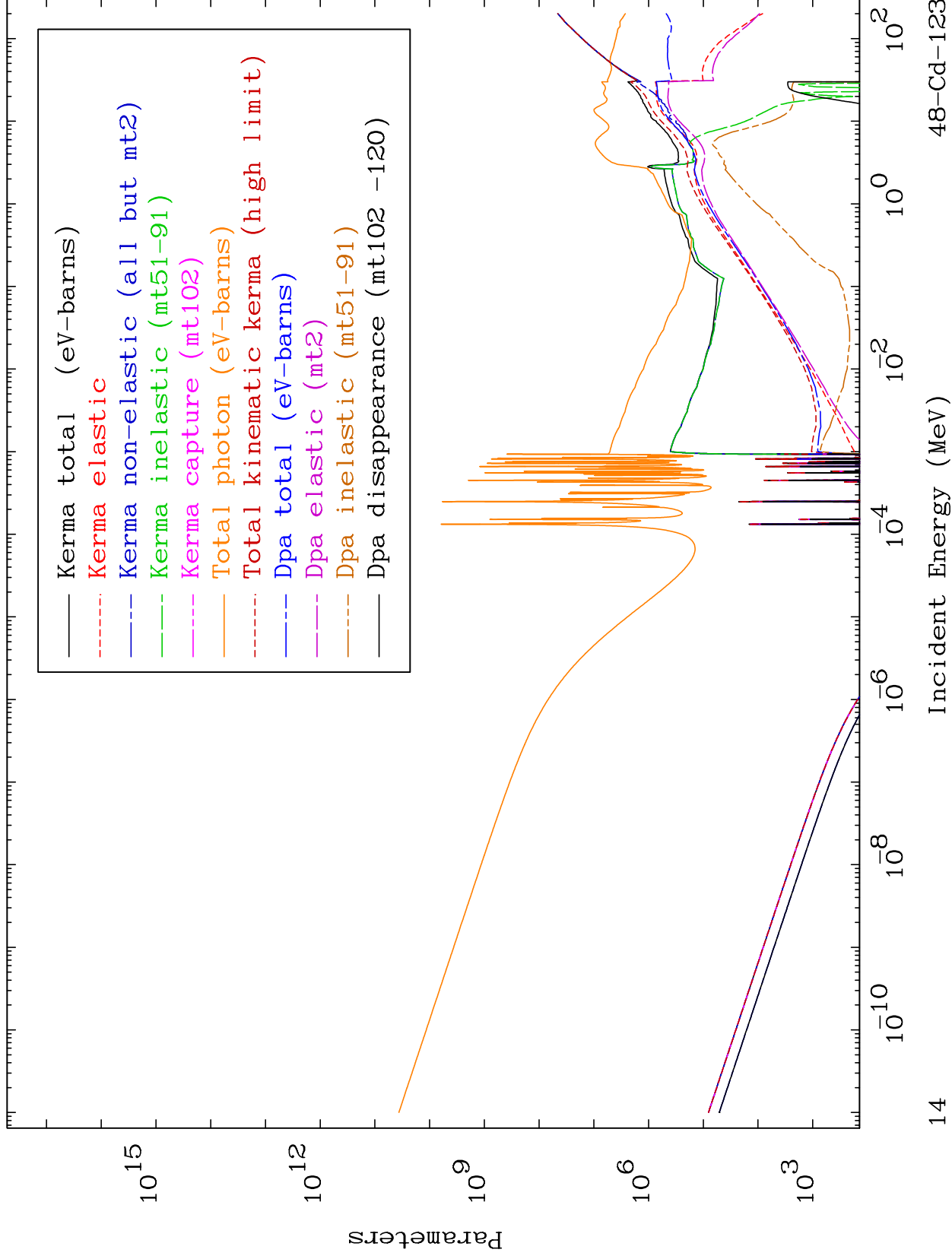
48-Cd-123

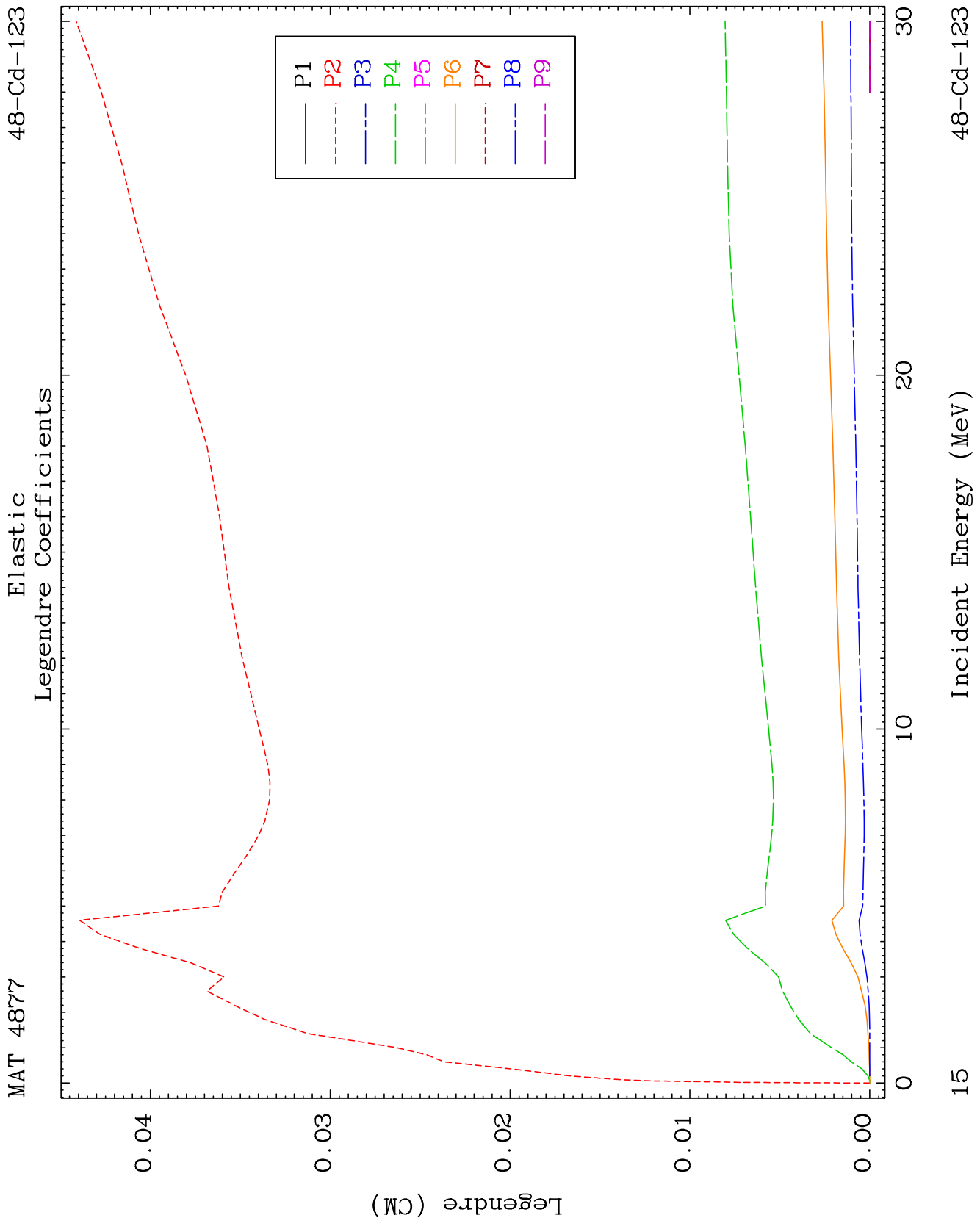


13

Incident Energy (MeV)

48-Cd-123



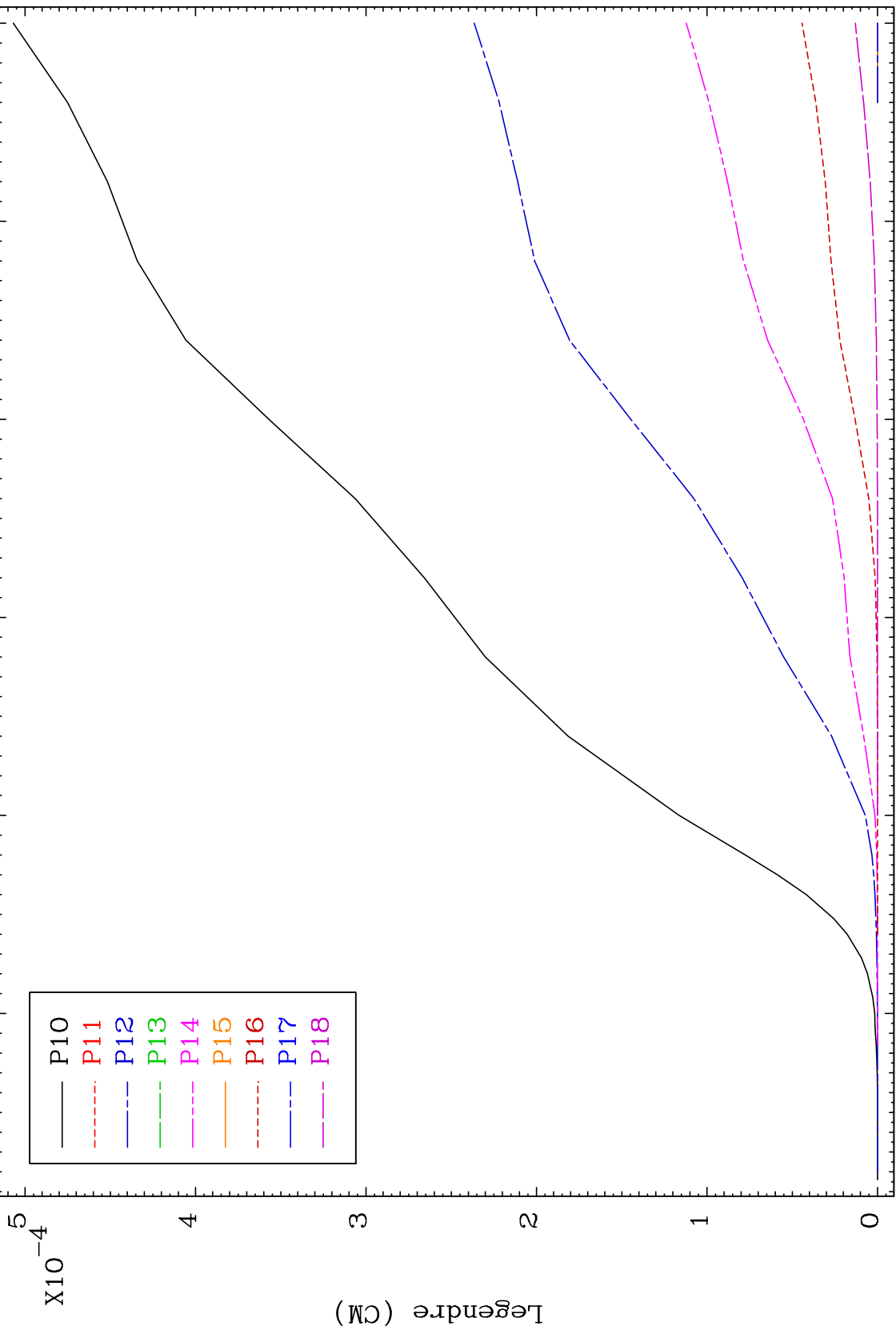




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Elastic Legendre Coefficients

48-Cd-123



16

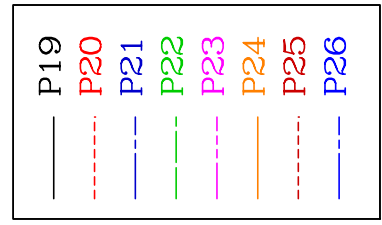
Incident Energy (MeV)

48-Cd-123

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Elastic Legendre Coefficients

48-Cd-123



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

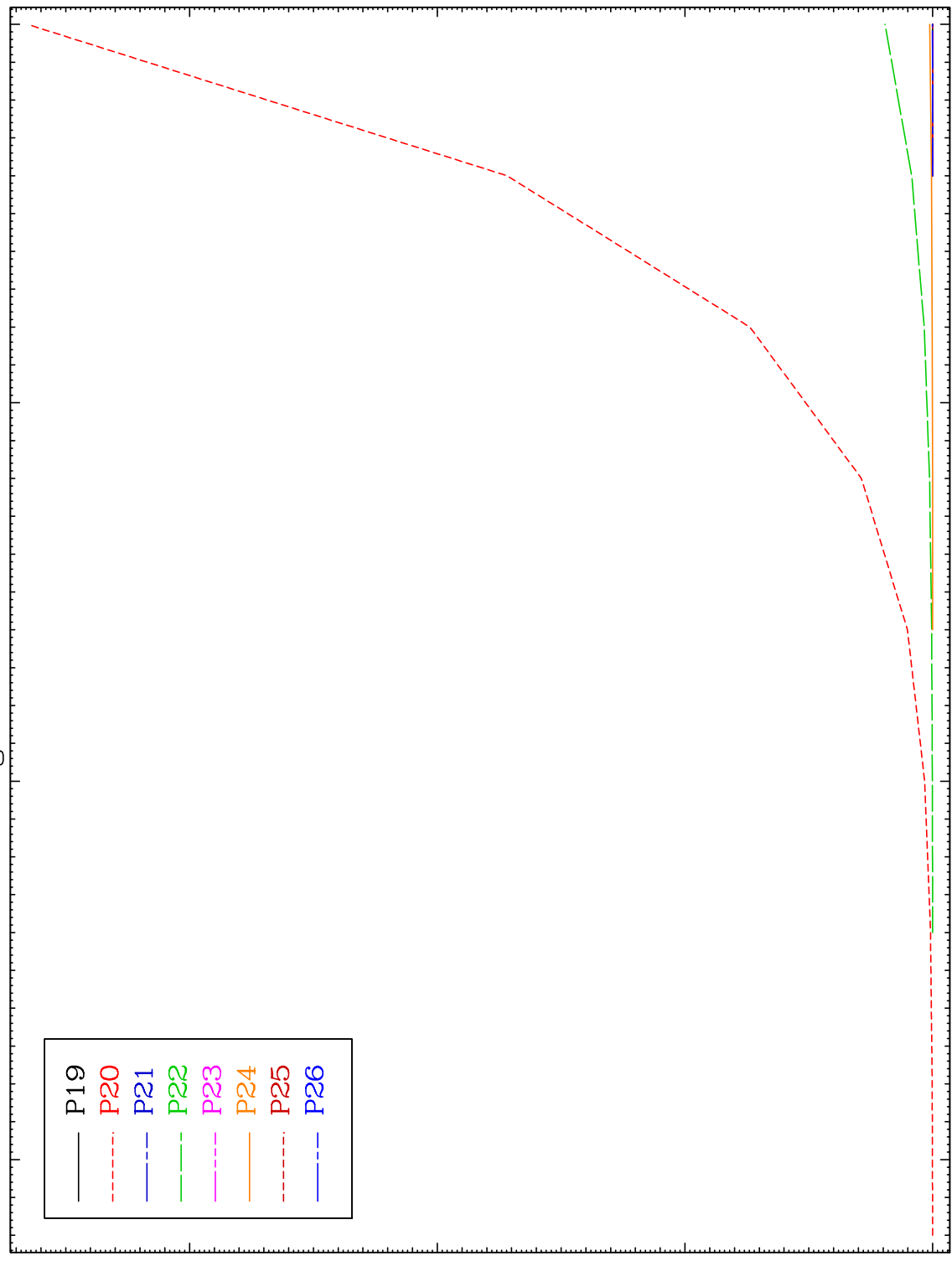
25

30

17

Incident Energy (MeV)

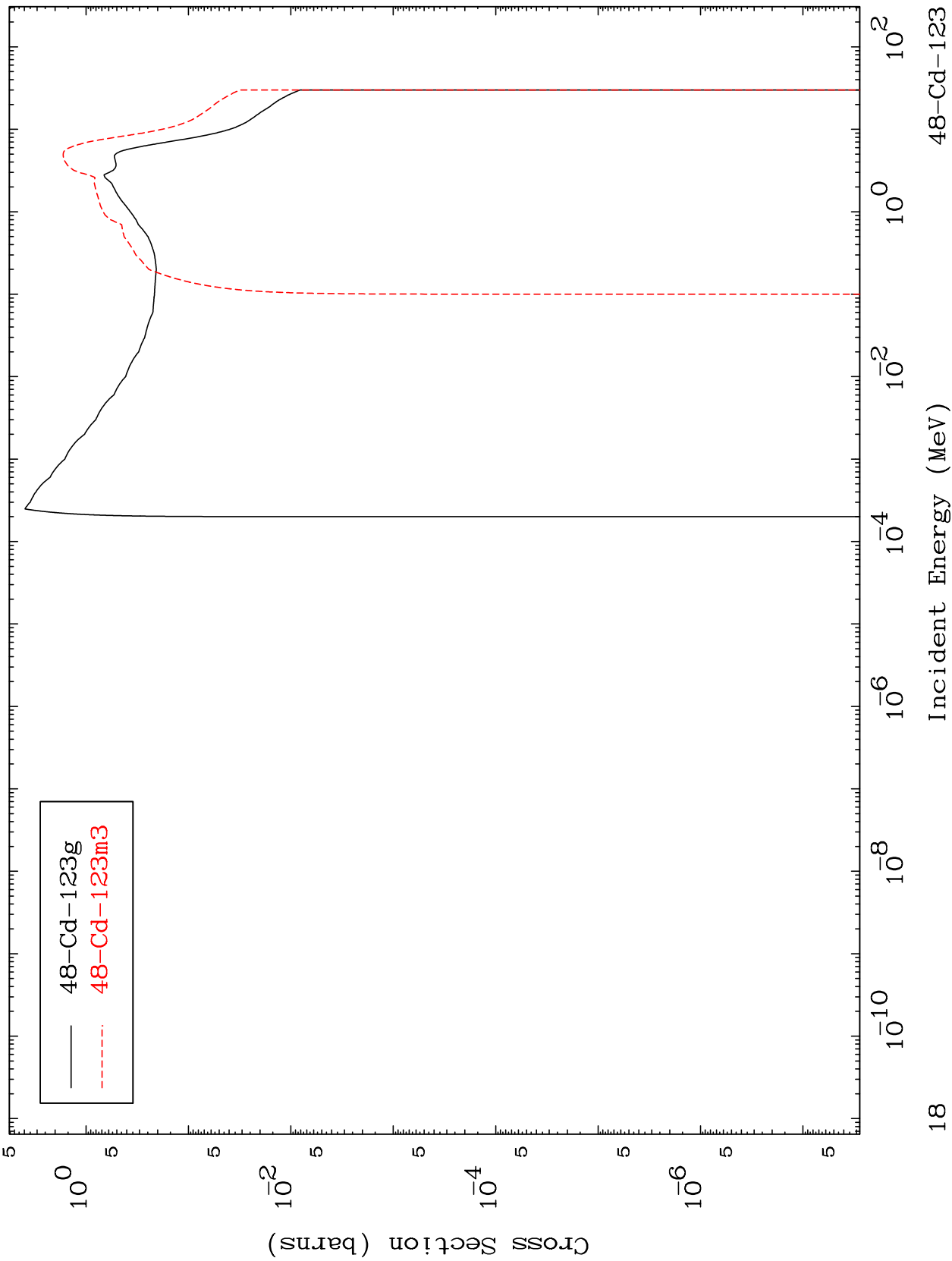
48-Cd-123



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48-Cd-123

Inelastic  
Radionuclide Production Cross Section

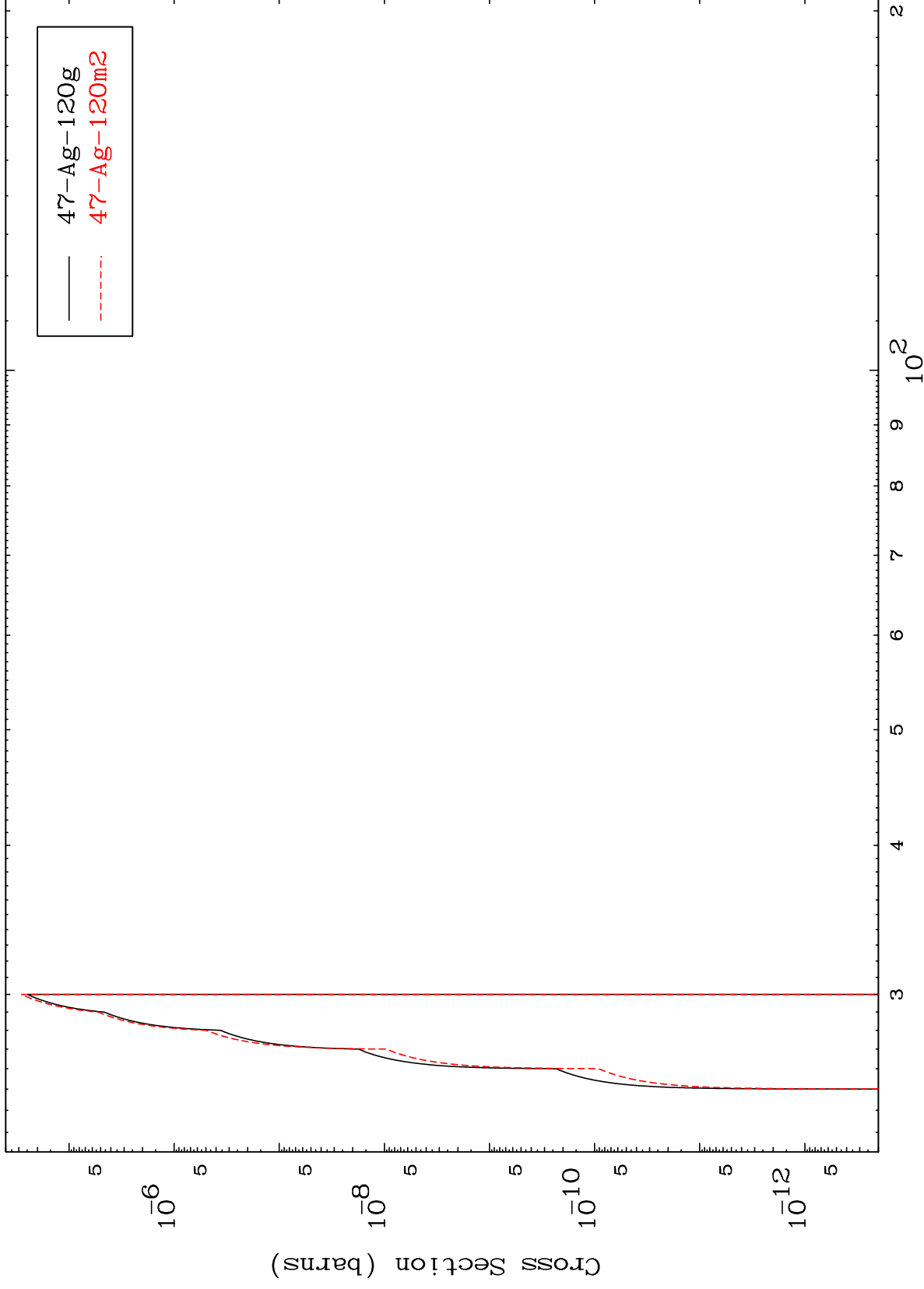


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(n,2n) d

48-Cd-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

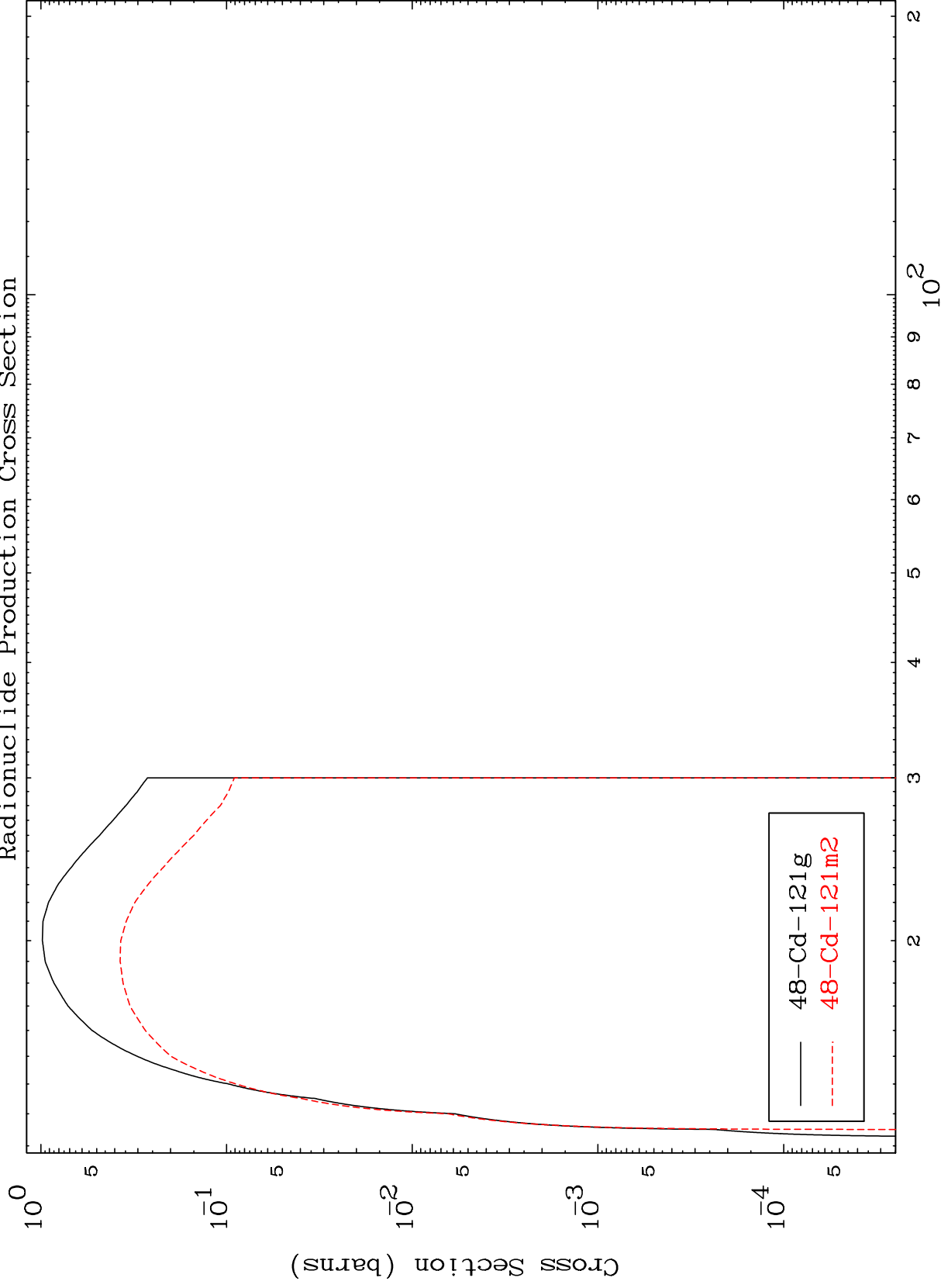
48-Cd-123

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(n,3n)

48-Cd-123

Radionuclide Production Cross Section

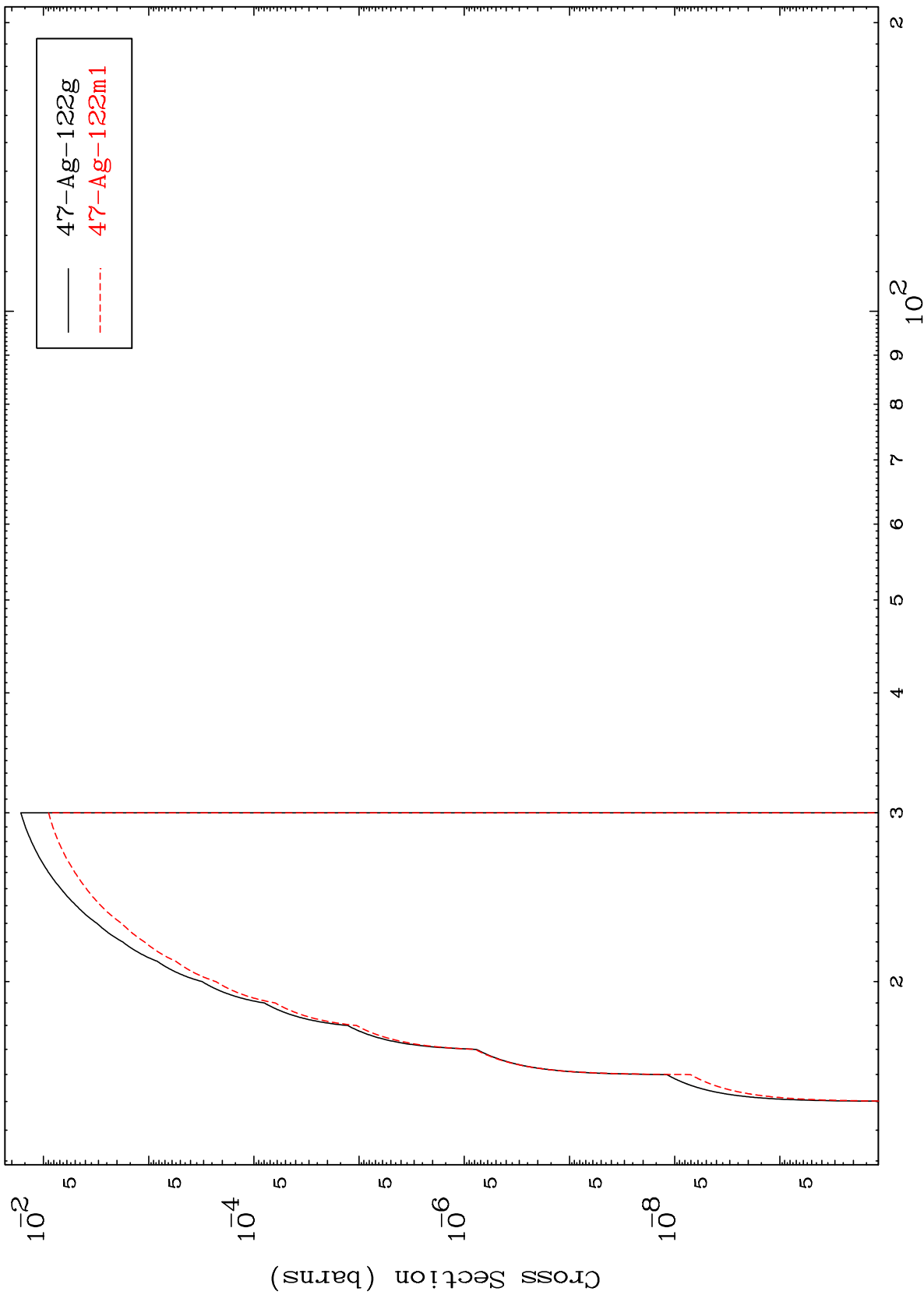


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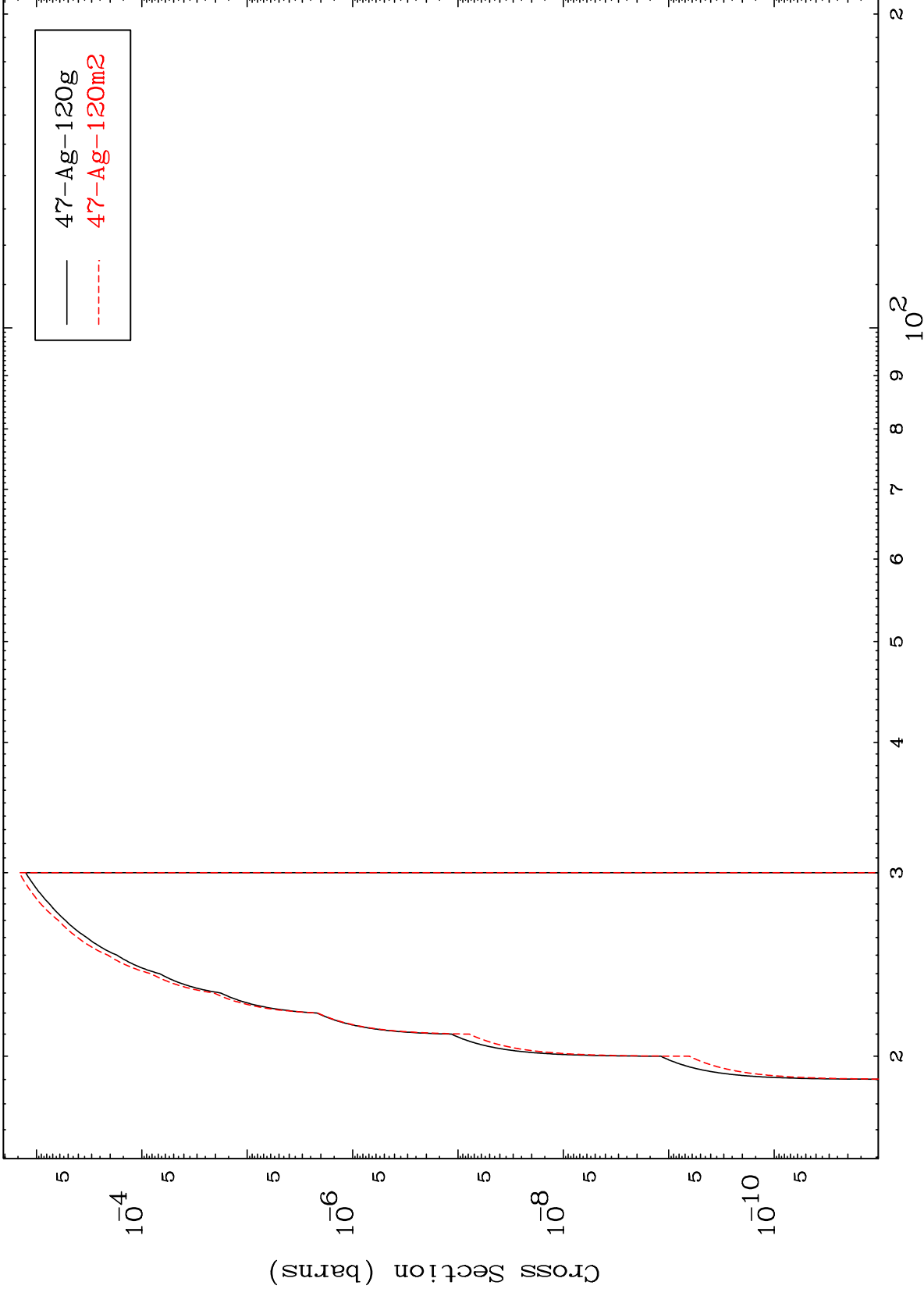
Incident Energy (MeV)

48-Cd-123

Radionuclide Production Cross Section



Radionuclide Production Cross Section

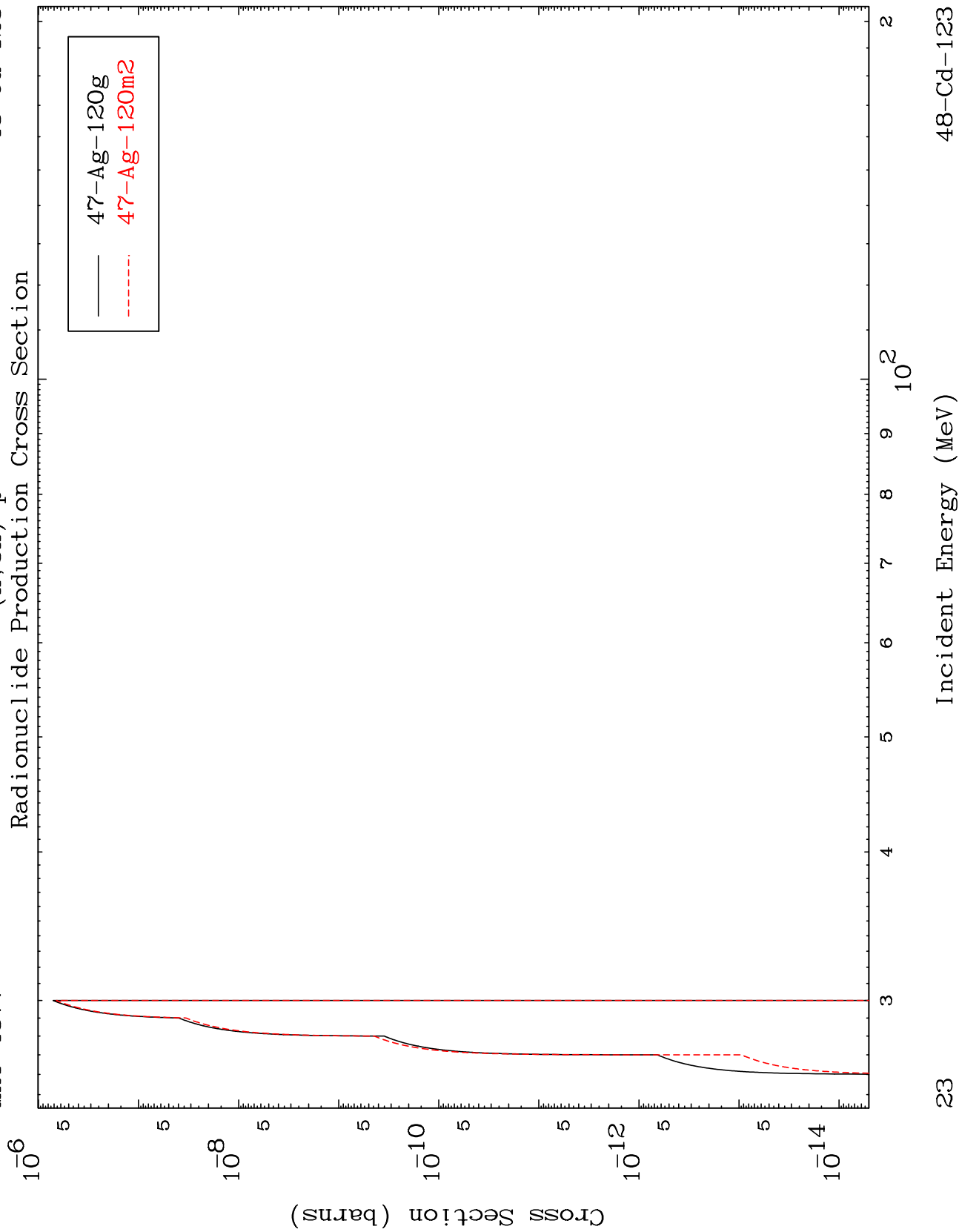


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(n,3n) p

48-Cd-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

48-Cd-123

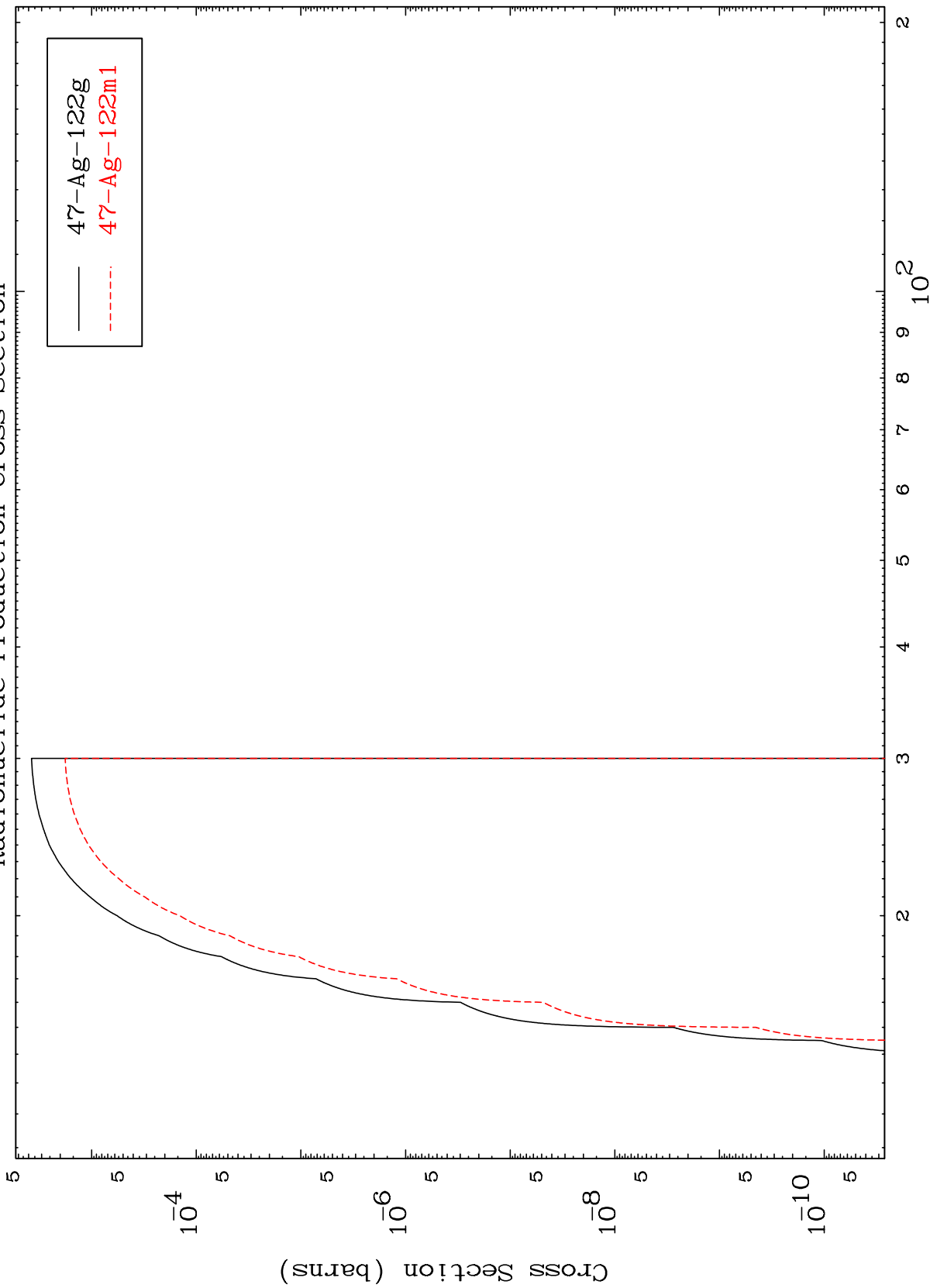


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(n,d)

48-Cd-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

48-Cd-123