

Program EVALPLOT
(Version 2017-1)

by

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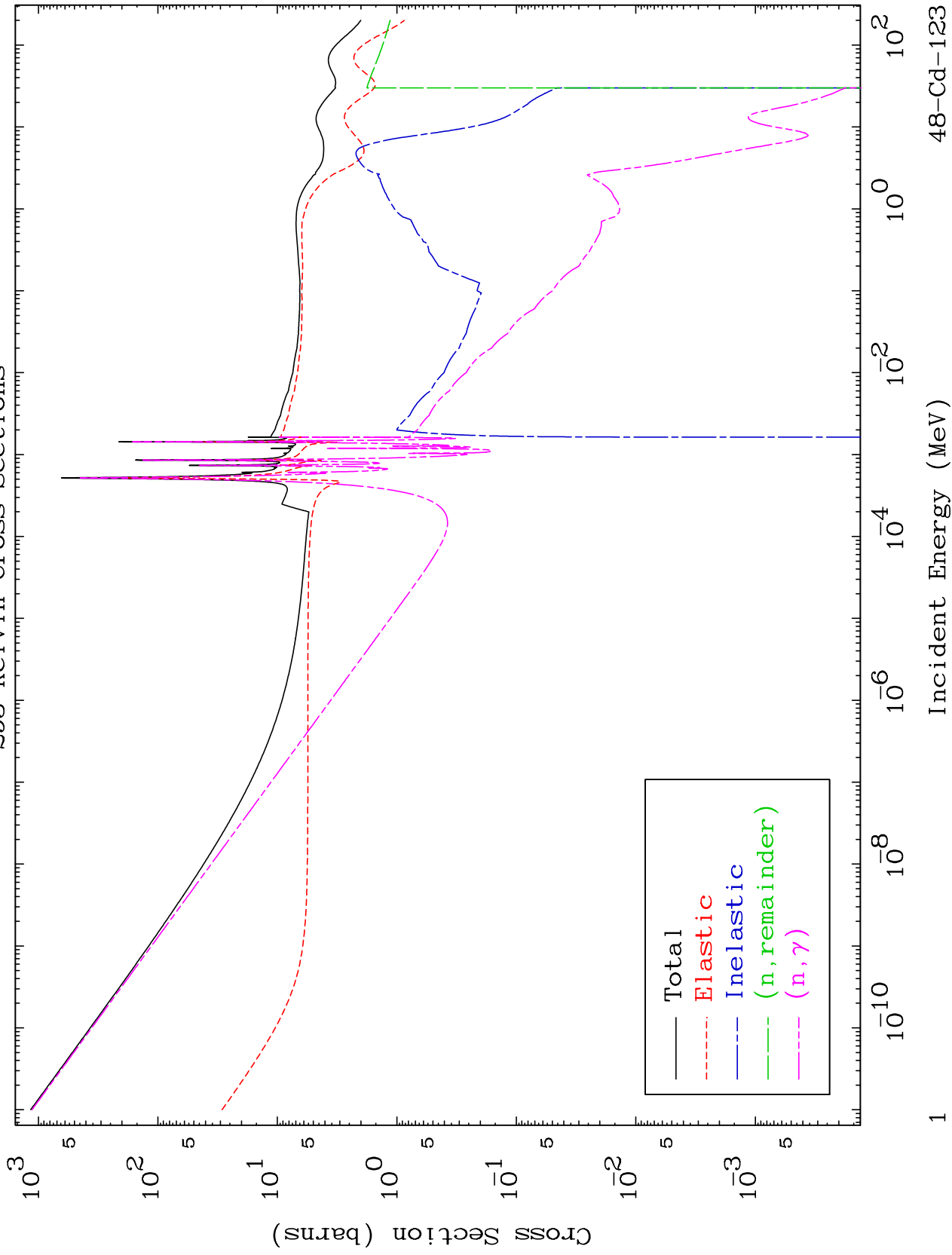
Press Mouse Button to Start

MAT 4877

Major

293 Kelvin Cross Sections

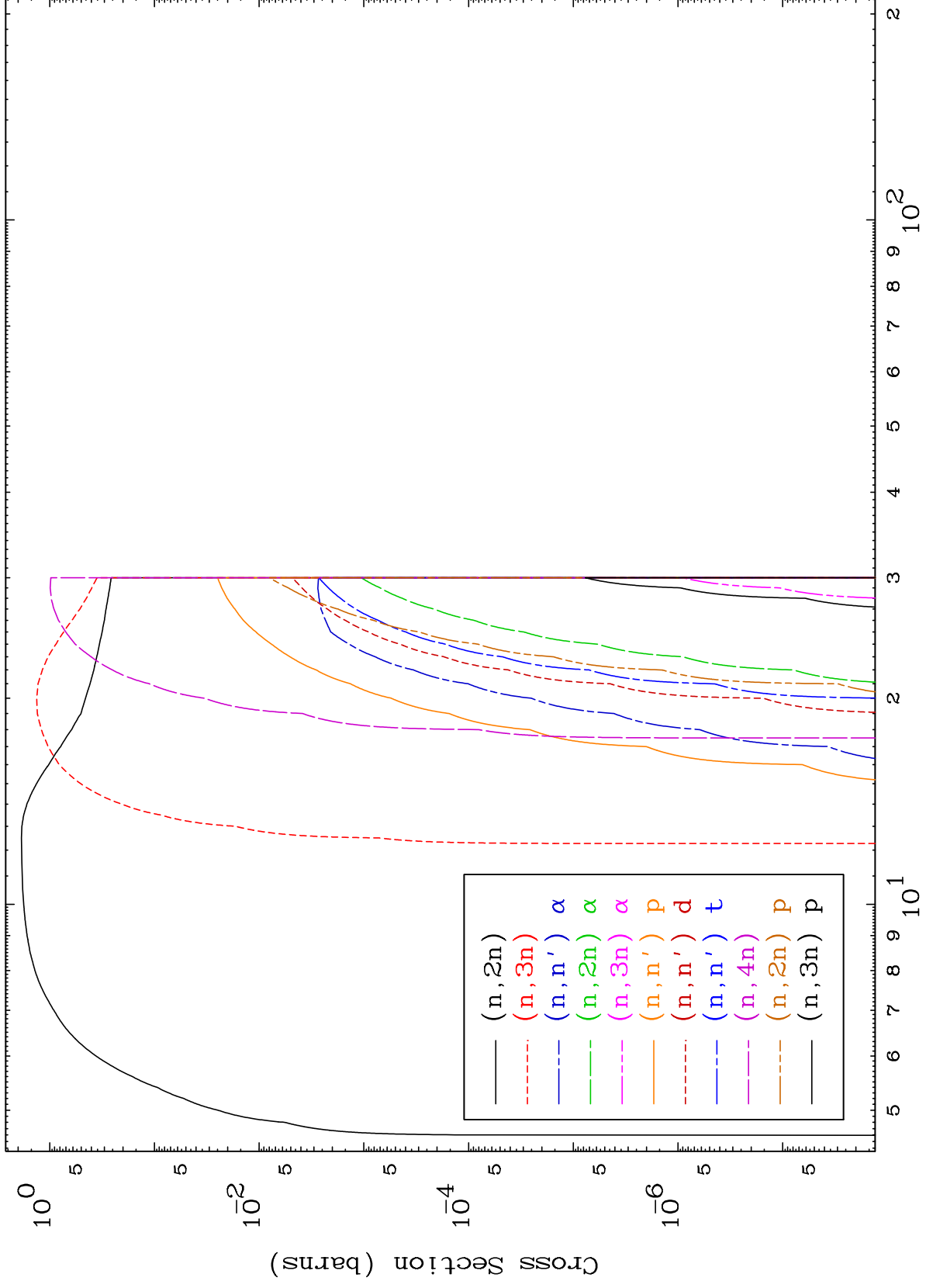
48-Cd-123

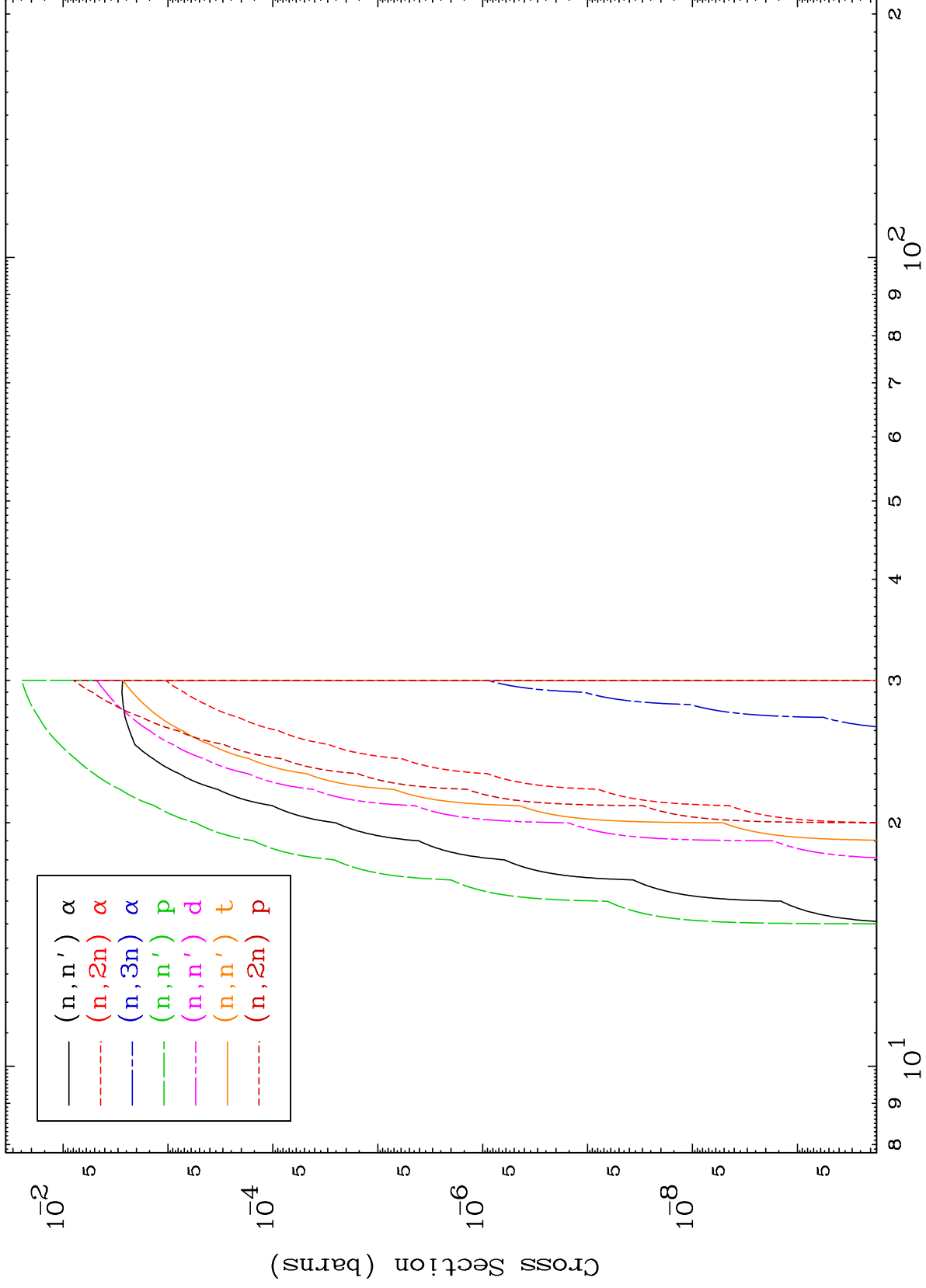


MAT 4877

Neutron Production
293 Kelvin Cross Sections

48-Cd-123

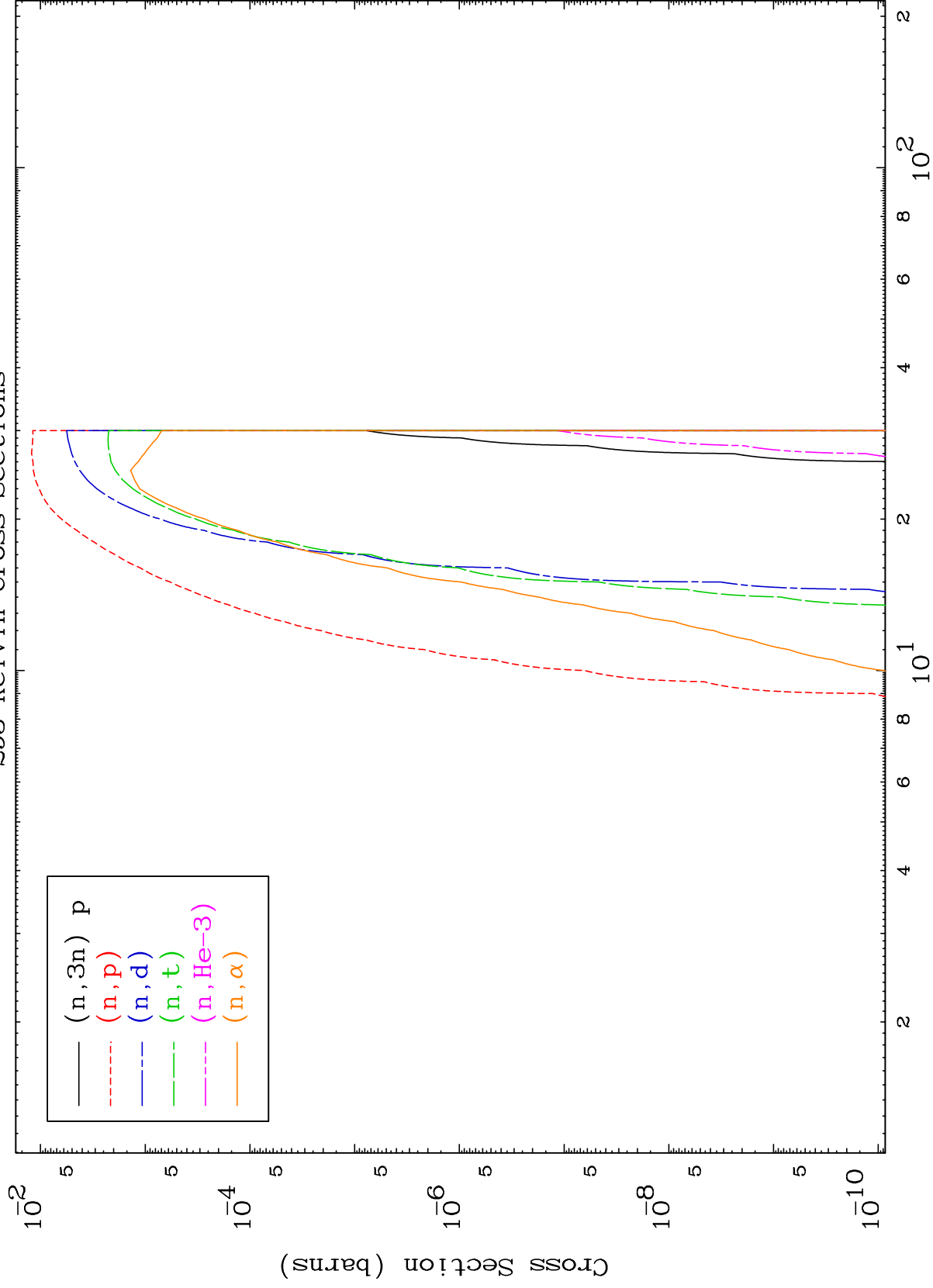




MAT 4877

Charged Particle
293 Kelvin Cross Sections

48-Cd-123



4

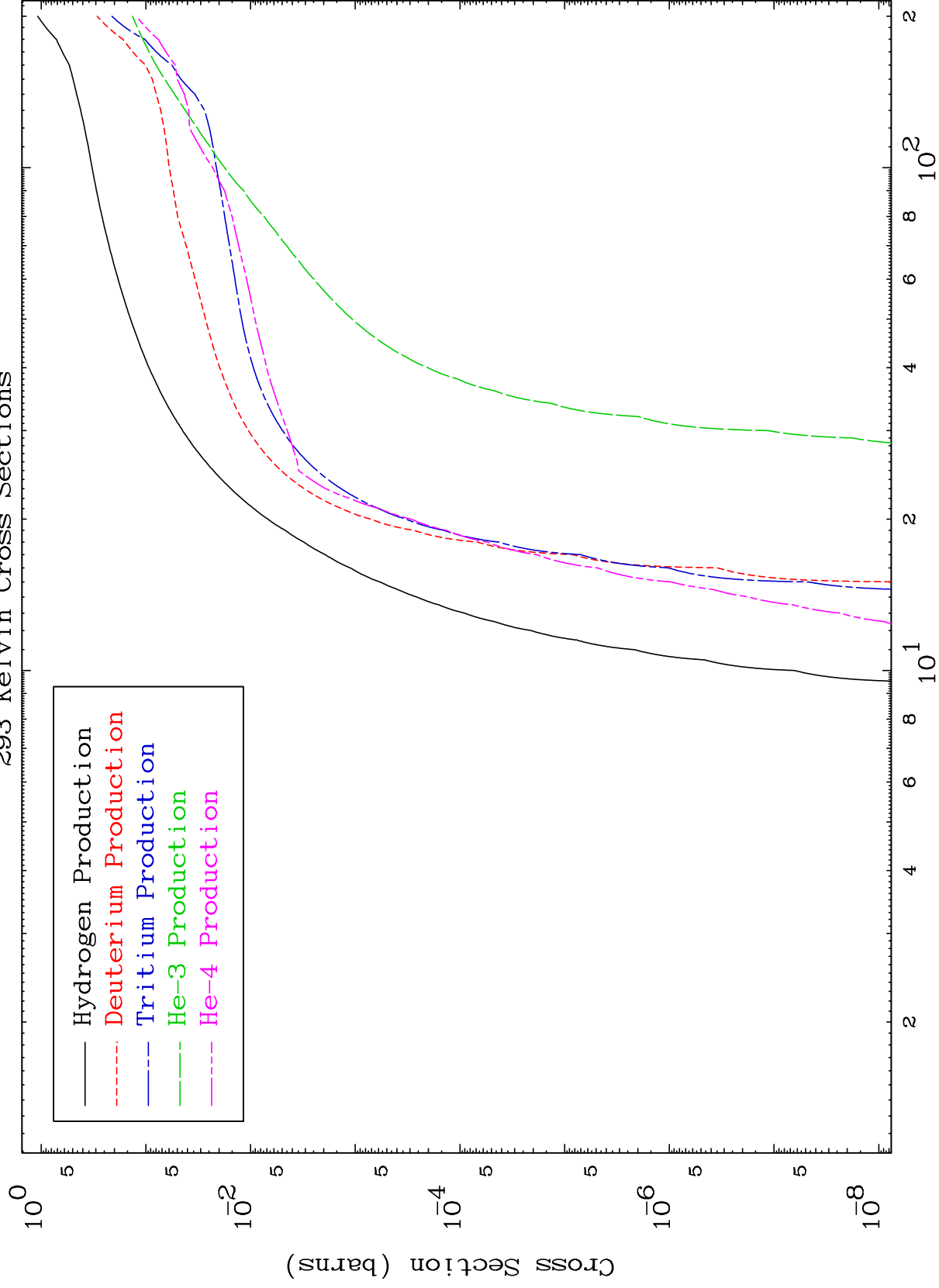
Incident Energy (MeV)

48-Cd-123

MAT 4877

Particle Production
293 Kelvin Cross Sections

48-Cd-123



5

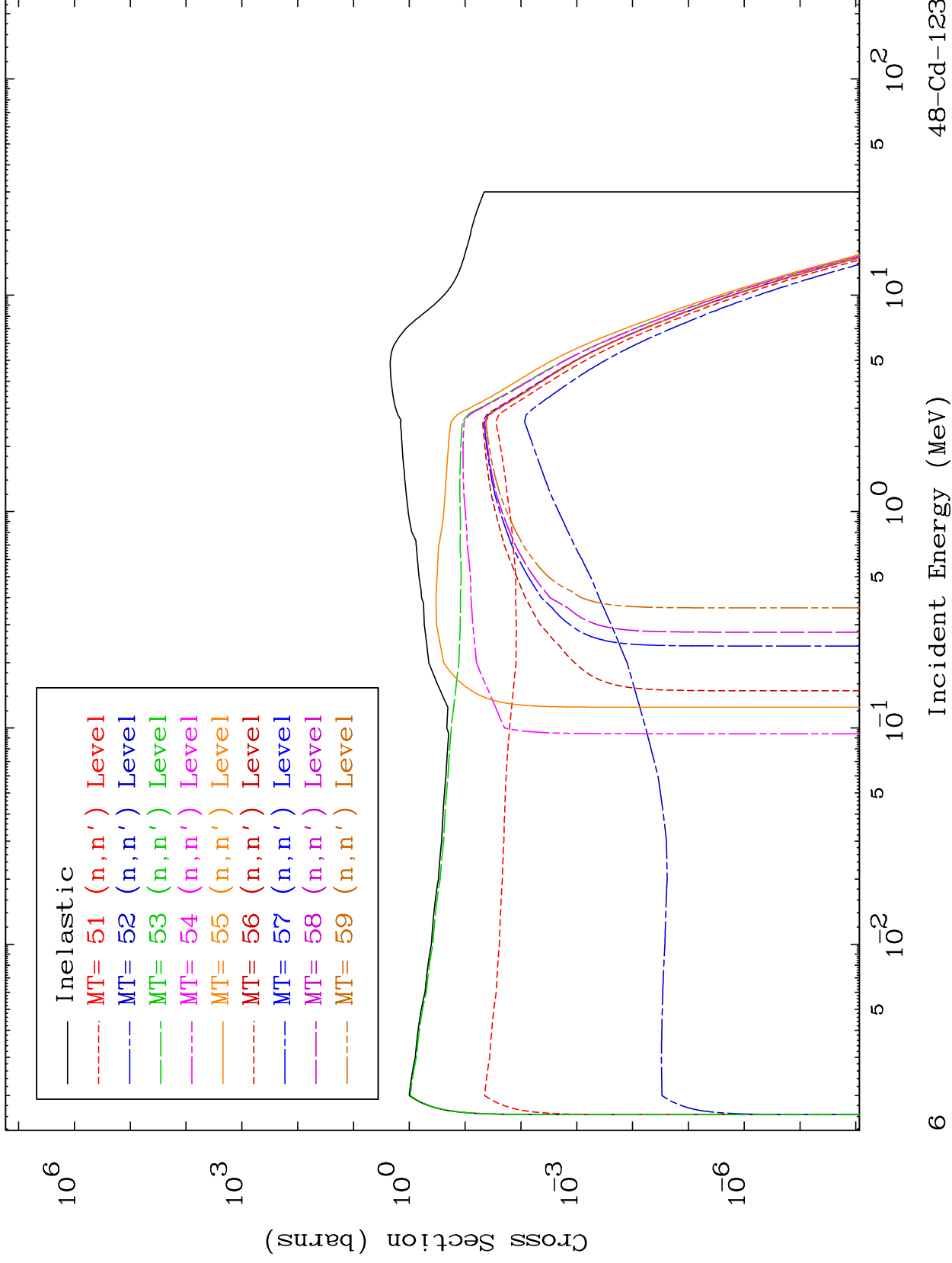
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n,n') Level
293 Kelvin Cross Sections

48-Cd-123

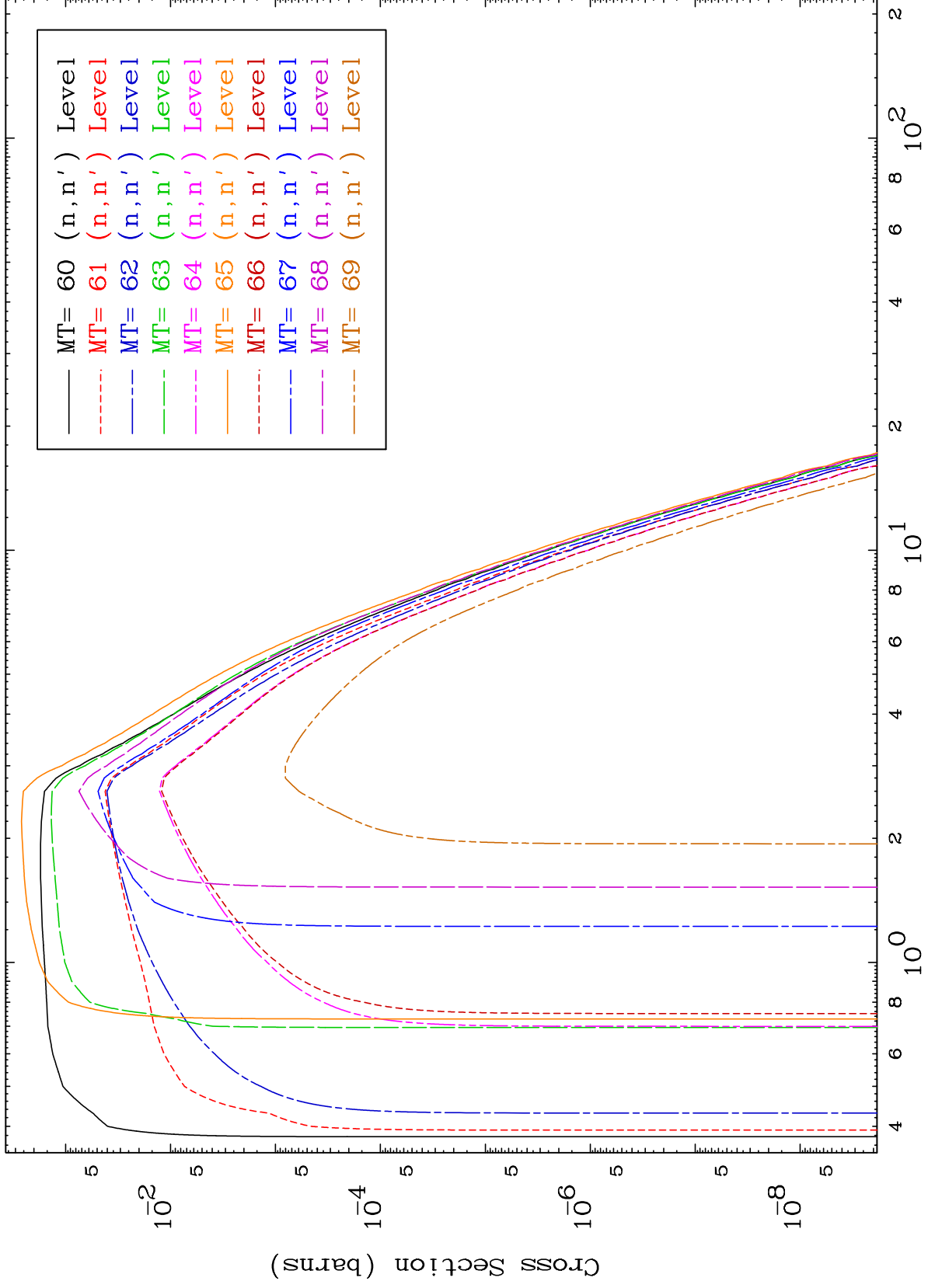


MAT 48777

(n,n') Level

48-Cd-123

293 Kelvin Cross Sections



7

Incident Energy (MeV)

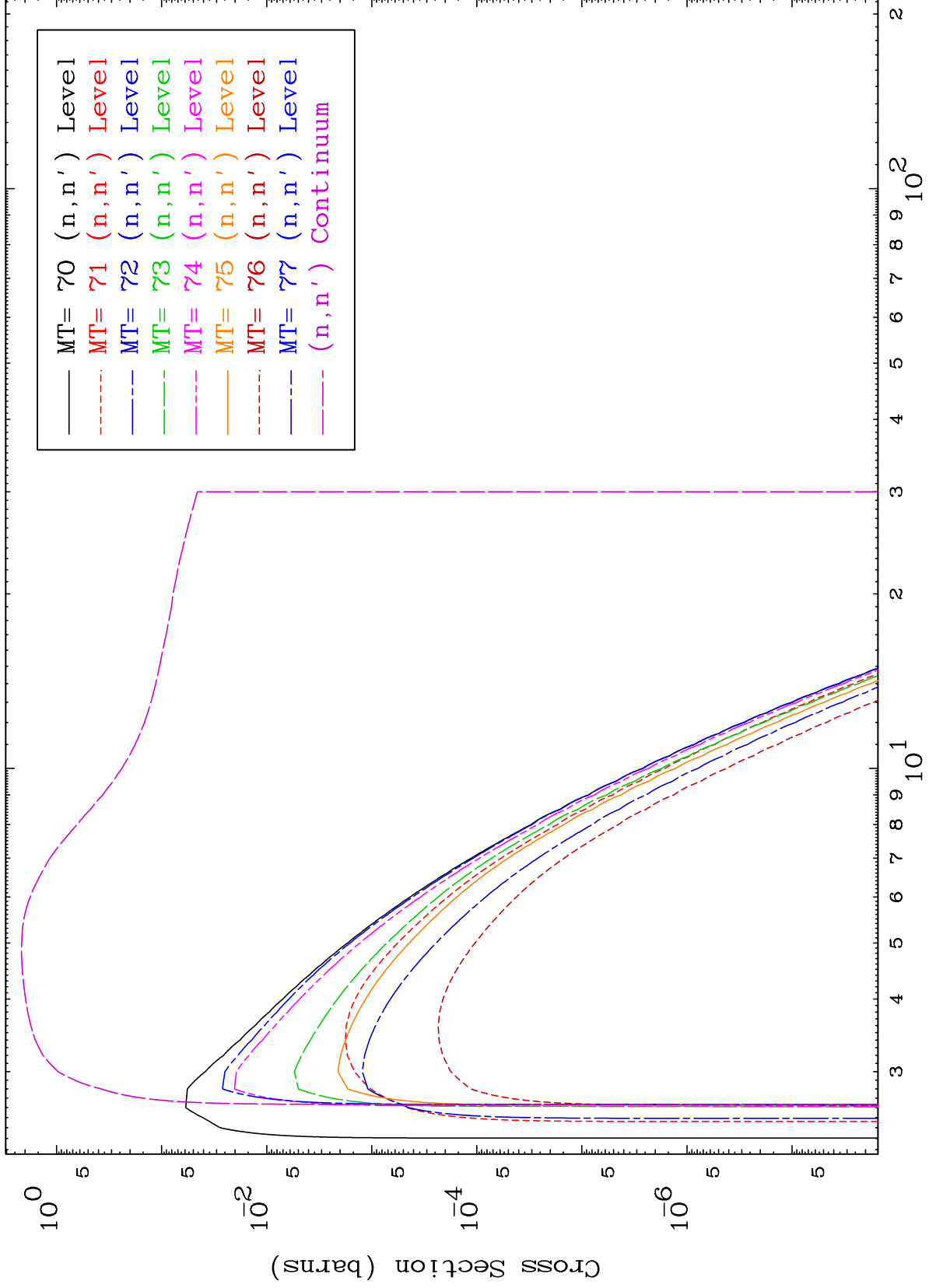
48-Cd-123

MAT 4877

(n,n') Level

48-Cd-123

293 Kelvin Cross Sections



8

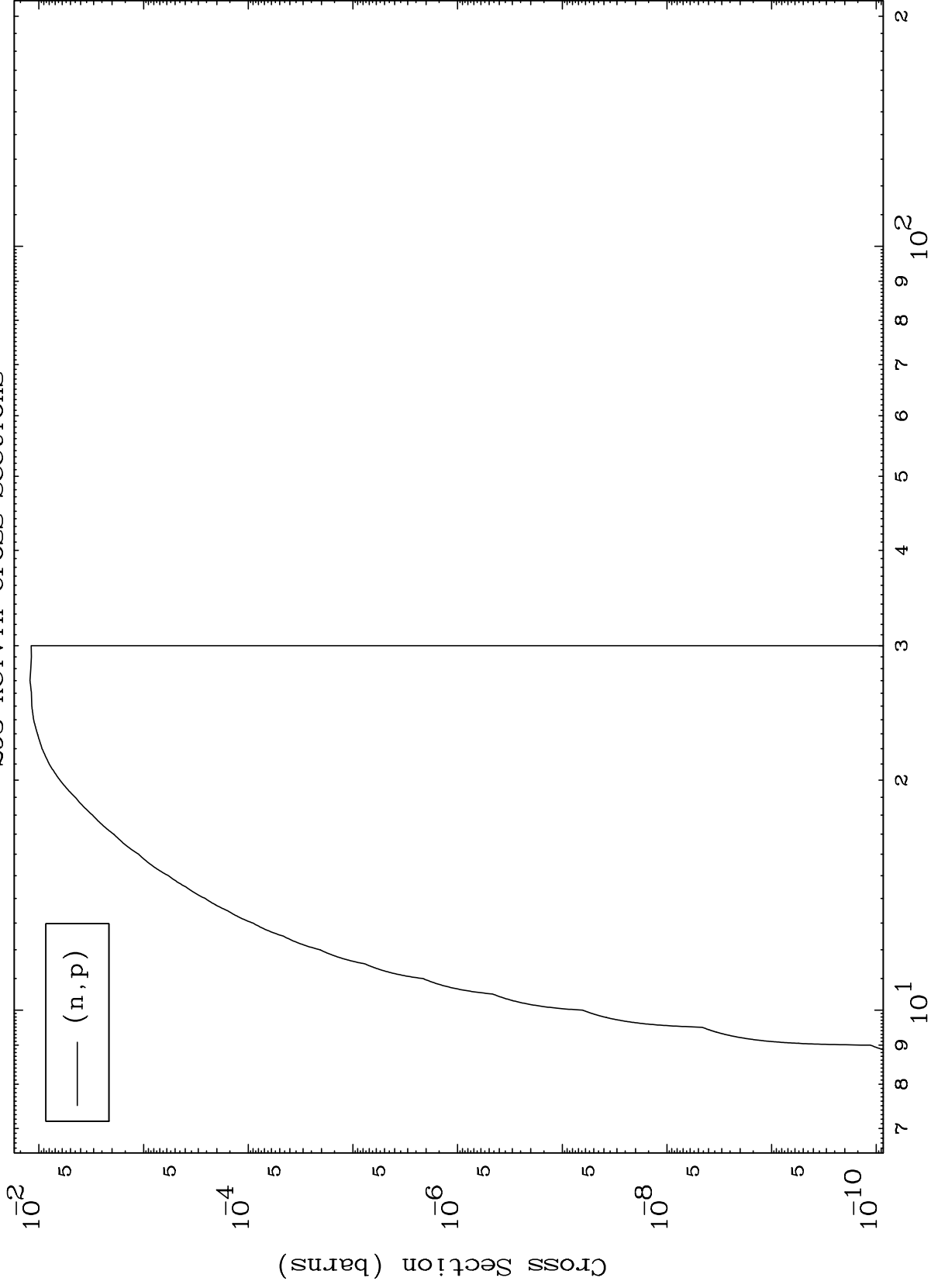
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-123



9

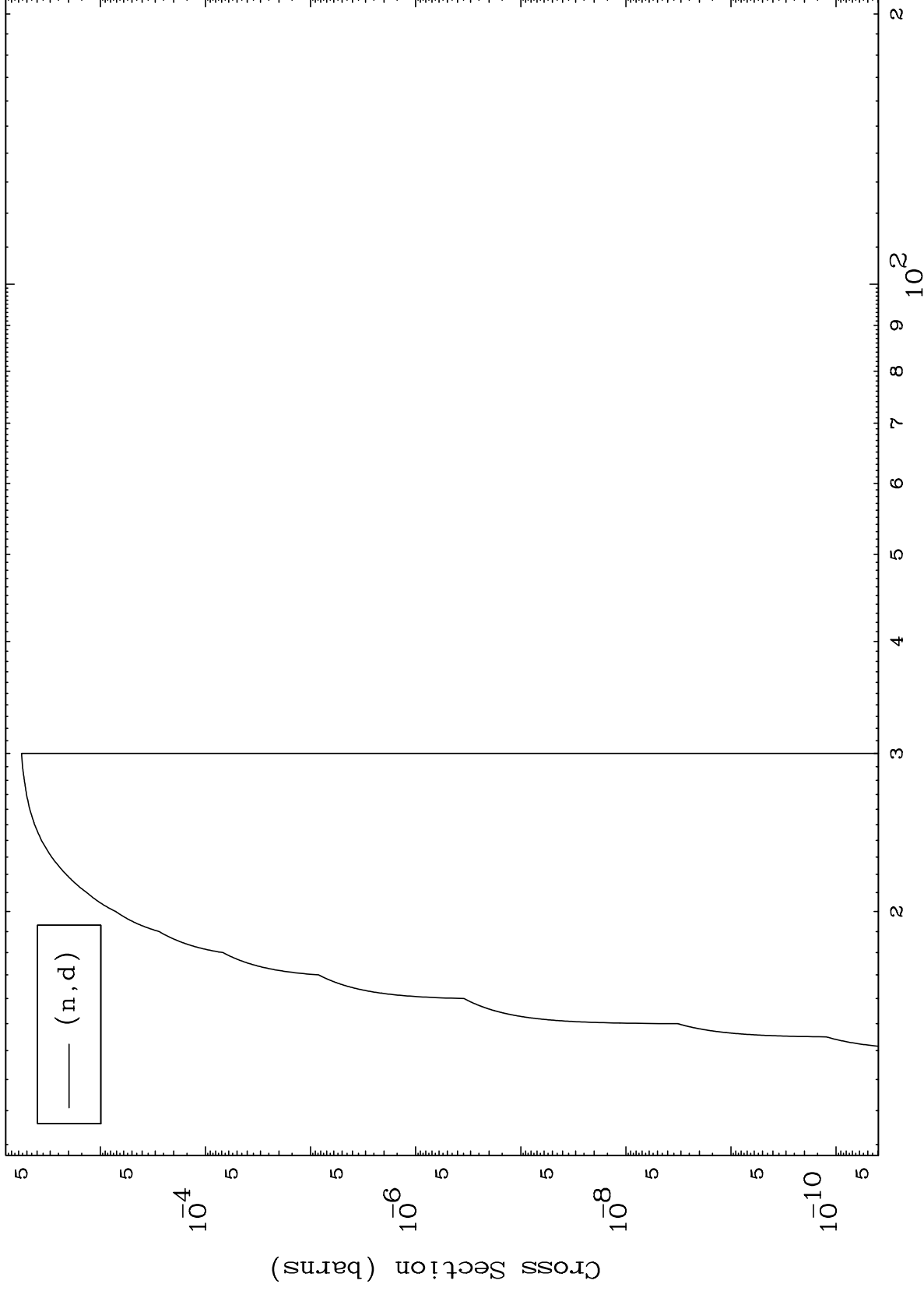
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-123



10

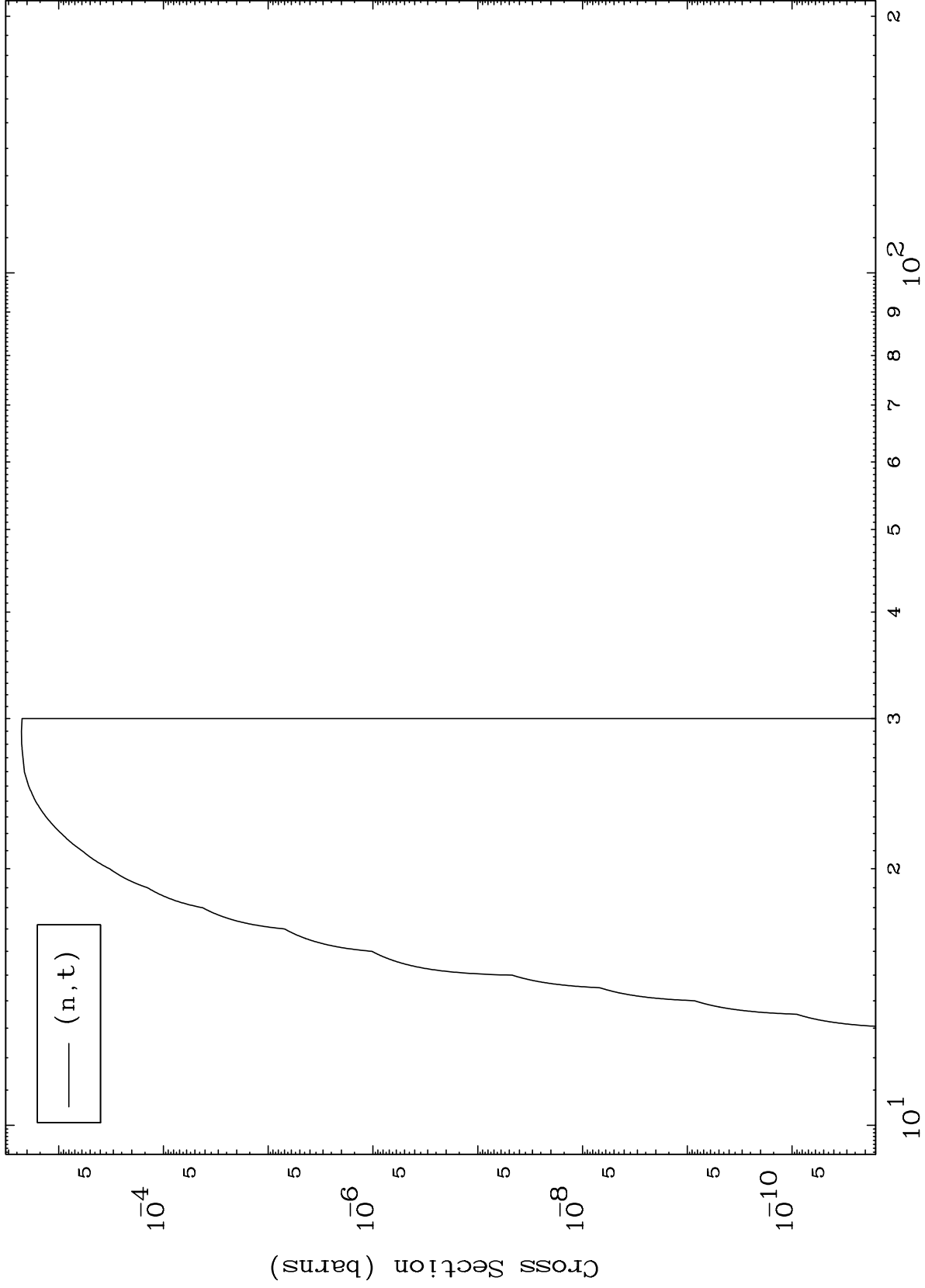
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-123



11

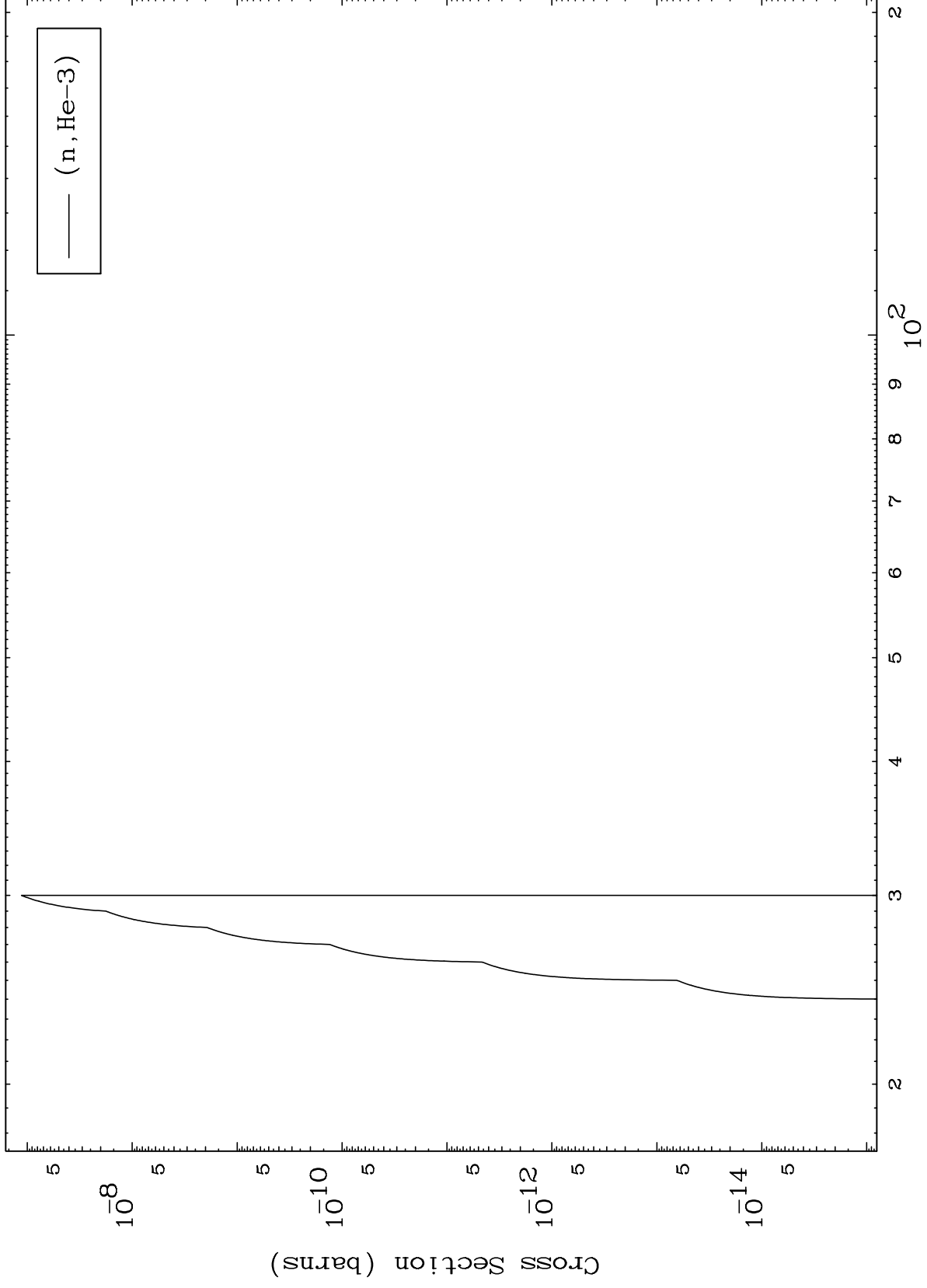
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-123



12

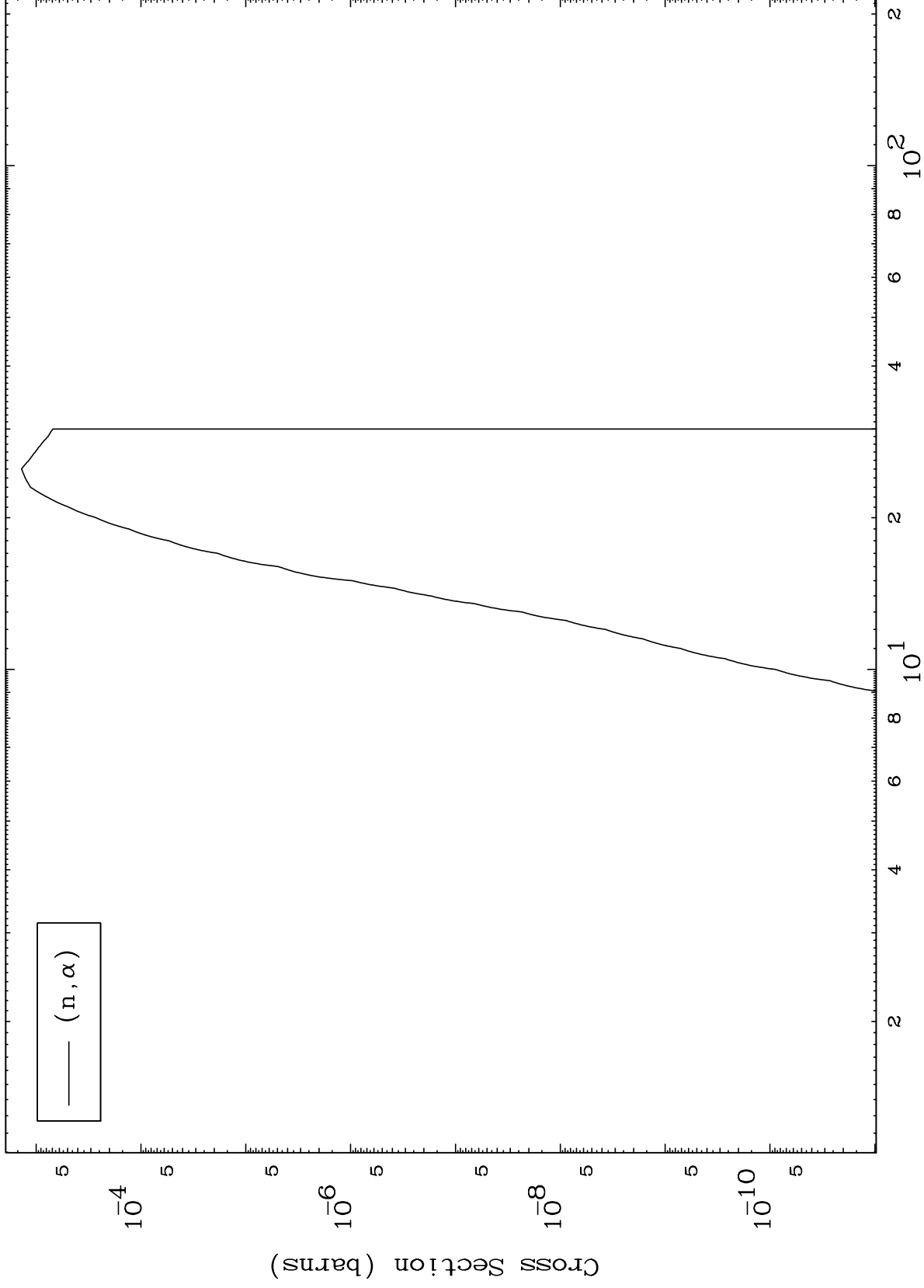
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n, α) Levels
293 Kelvin Cross Sections

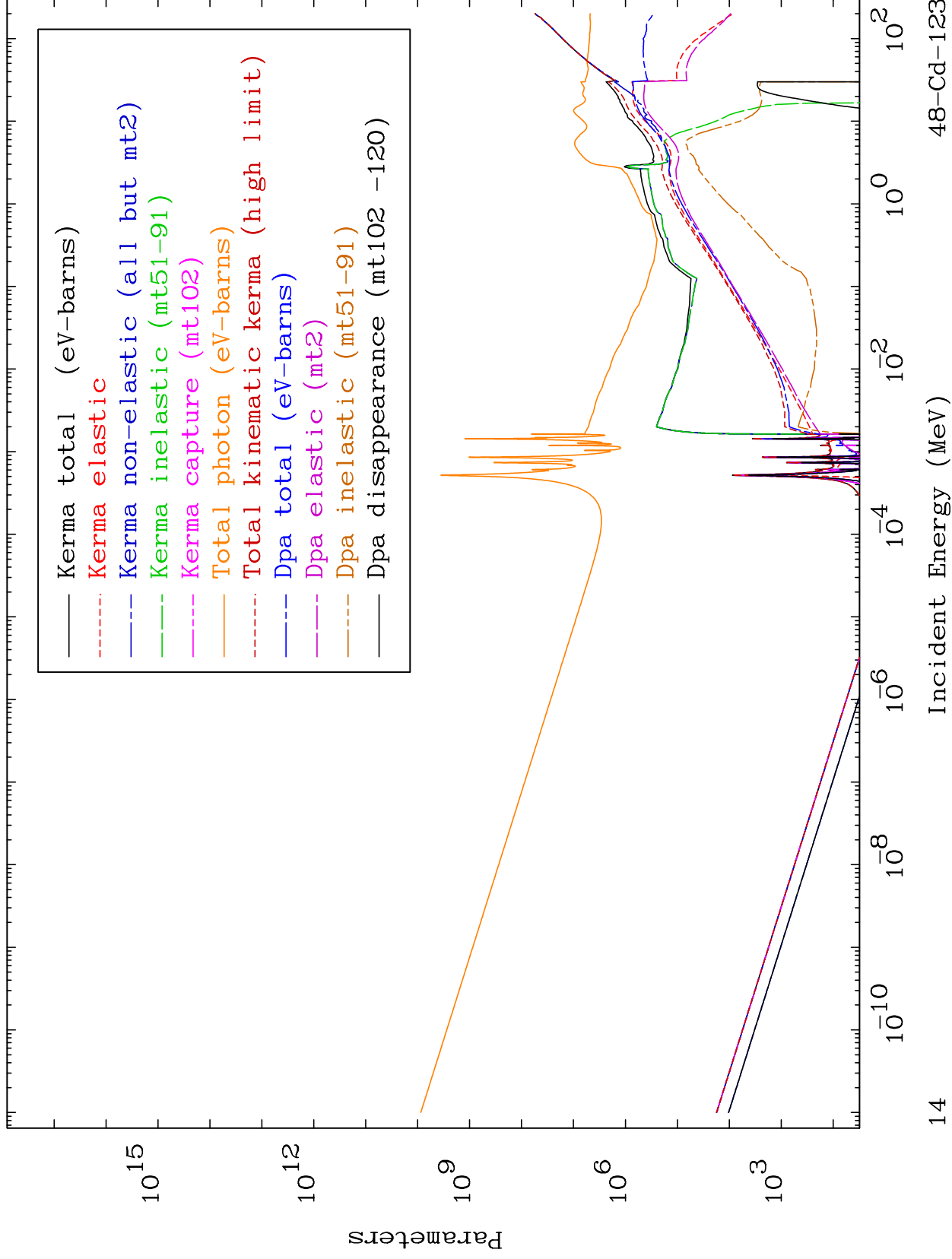
48-Cd-123

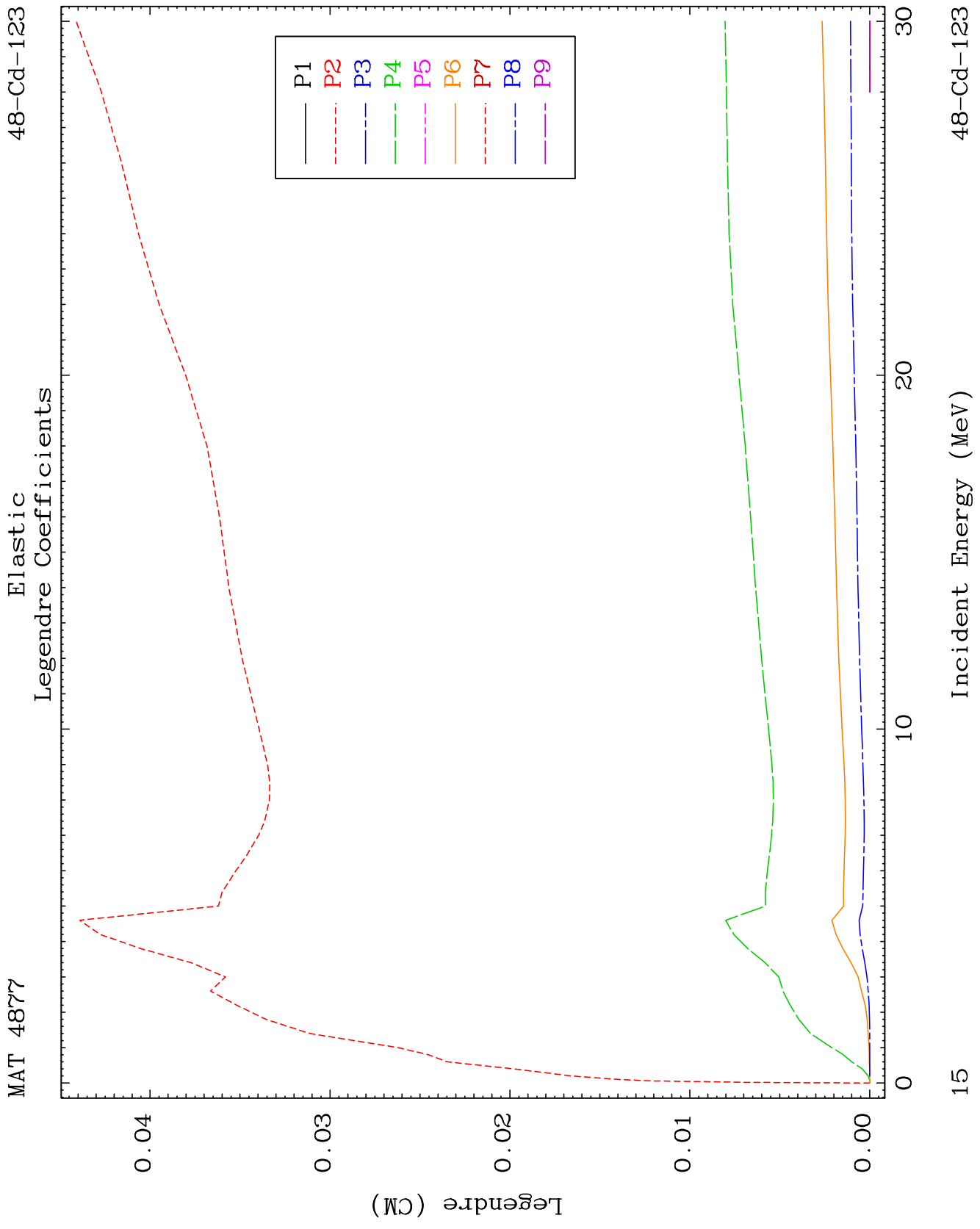


13

Incident Energy (MeV)

48-Cd-123

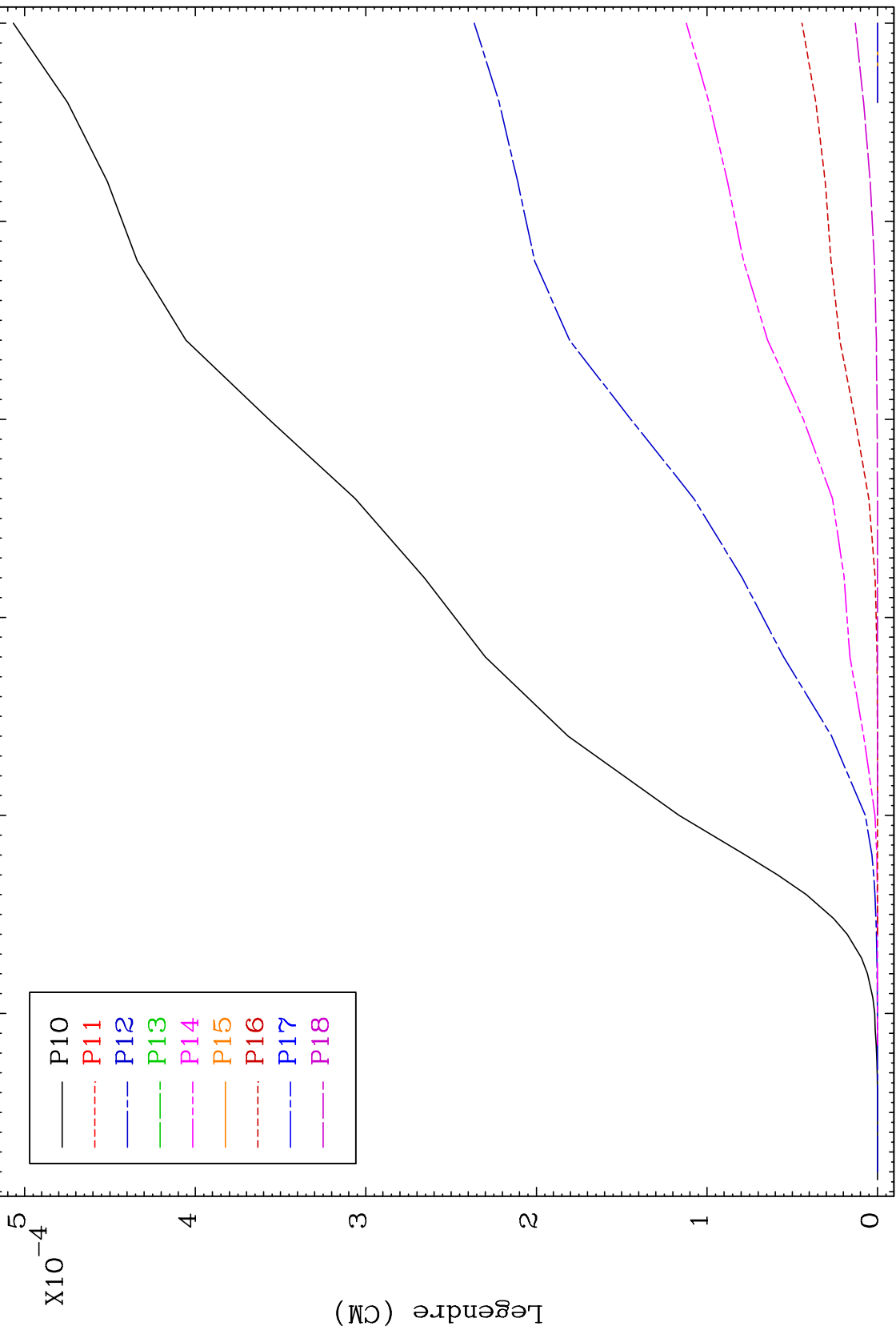




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Elastic Legendre Coefficients

48-Cd-123



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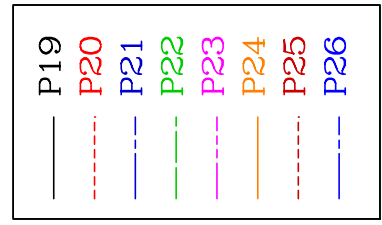
Incident Energy (MeV)

48-Cd-123

MAT 4877

Elastic Legendre Coefficients

48-Cd-123



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

17

Incident Energy (MeV)

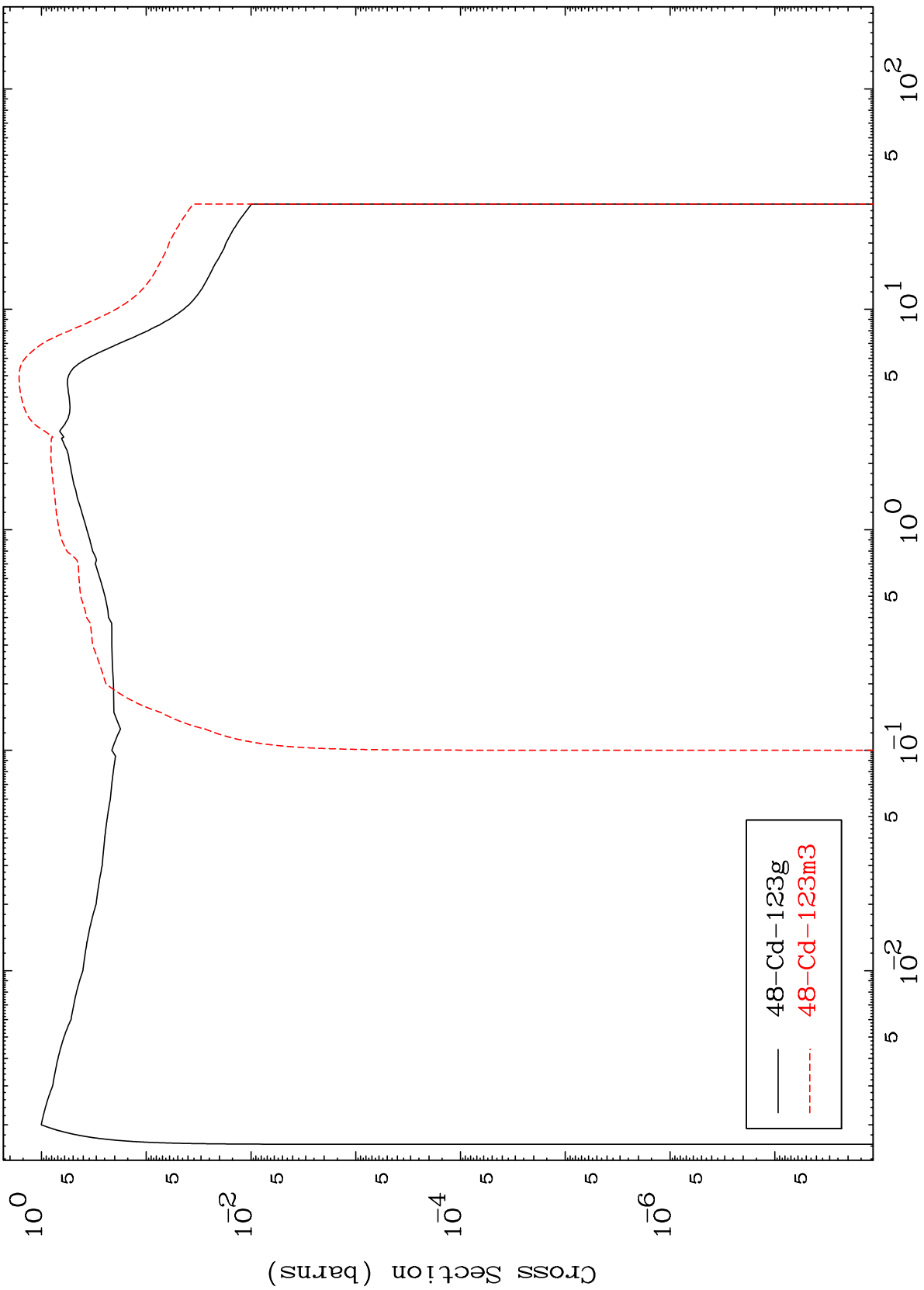
48-Cd-123



MAT 4877

48-Cd-123

Inelastic
Radionuclide Production Cross Section

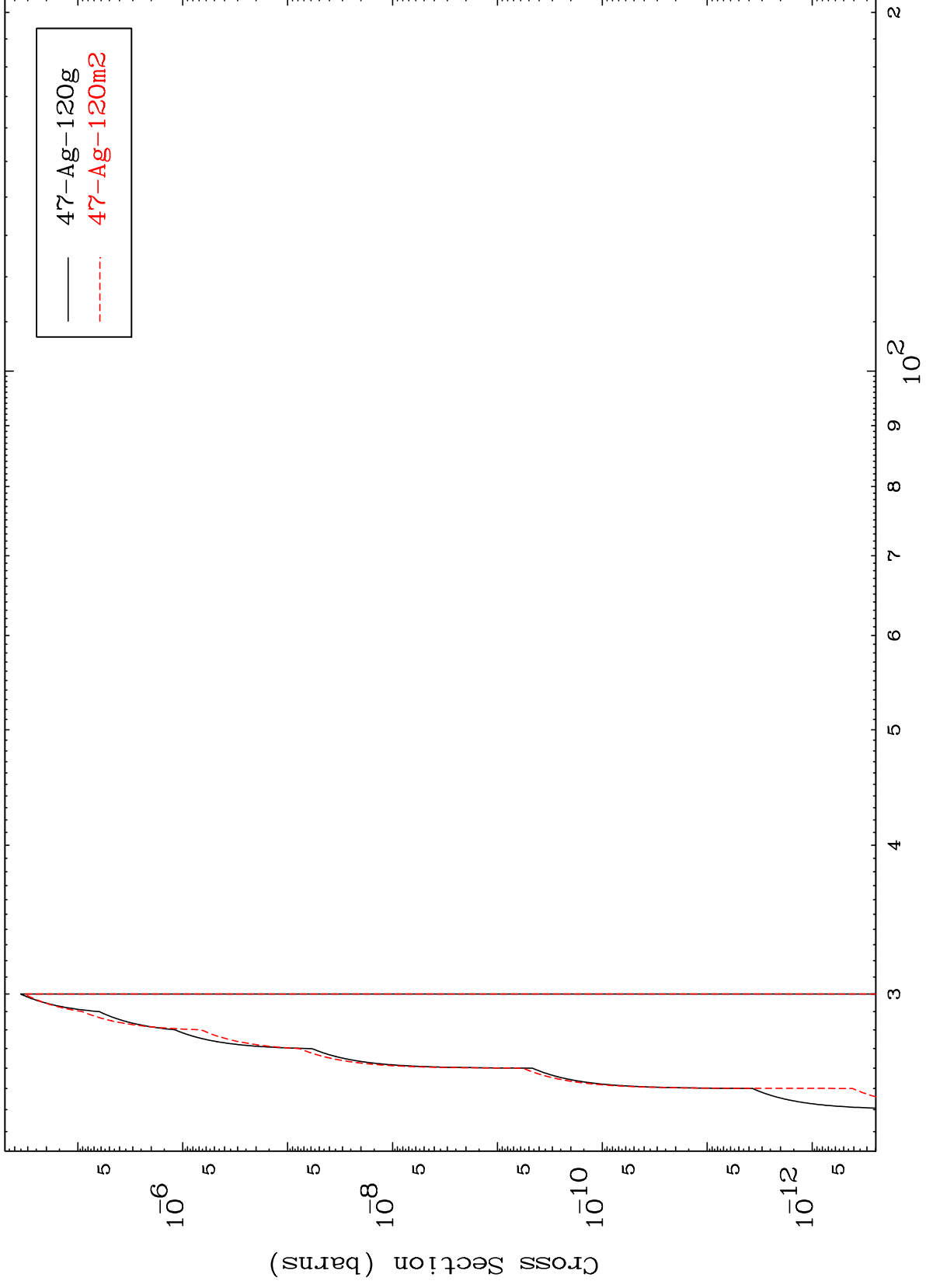


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(n,2n) d

48-Cd-123

Radionuclide Production Cross Section



19

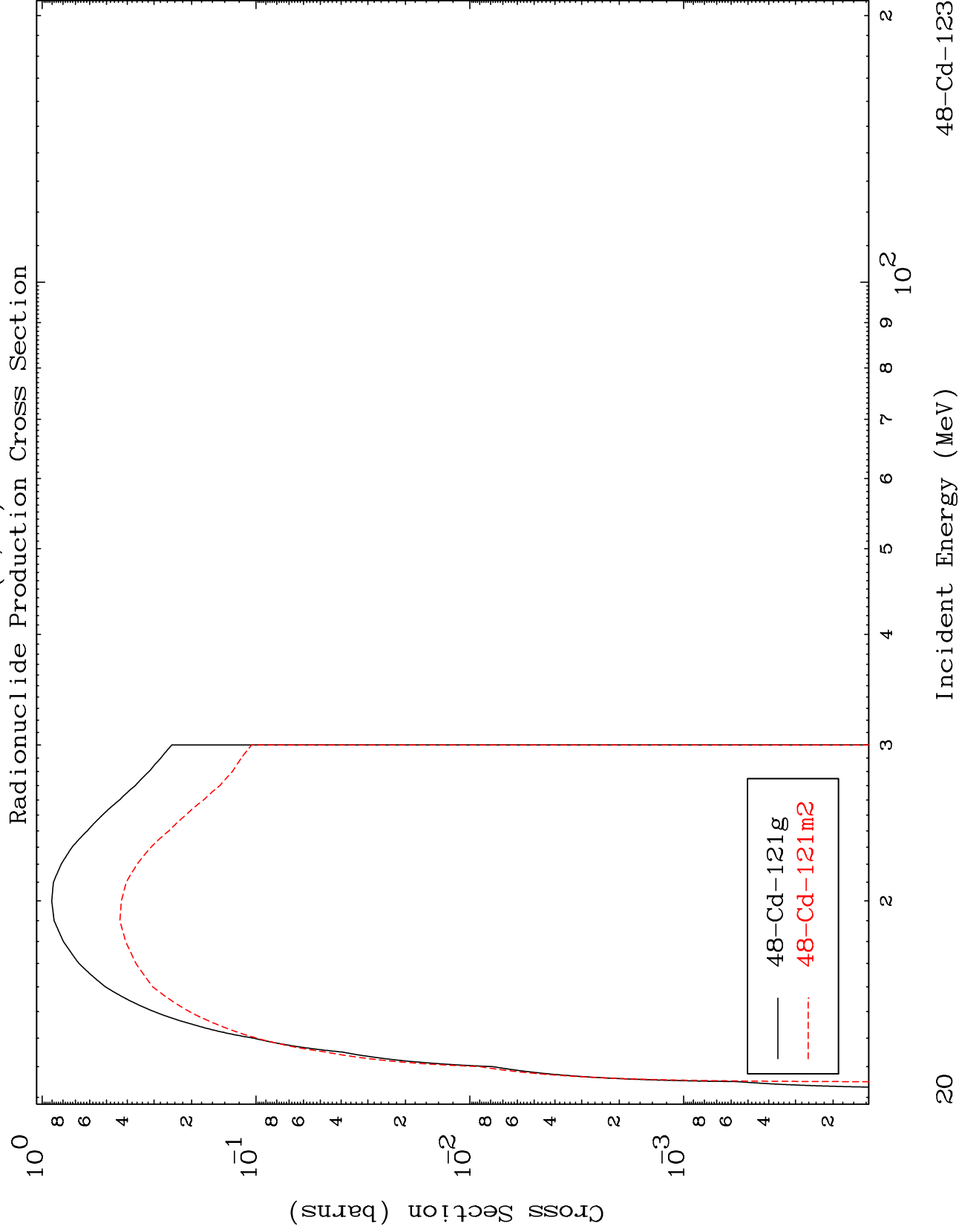
Incident Energy (MeV)

48-Cd-123

MAT 48777

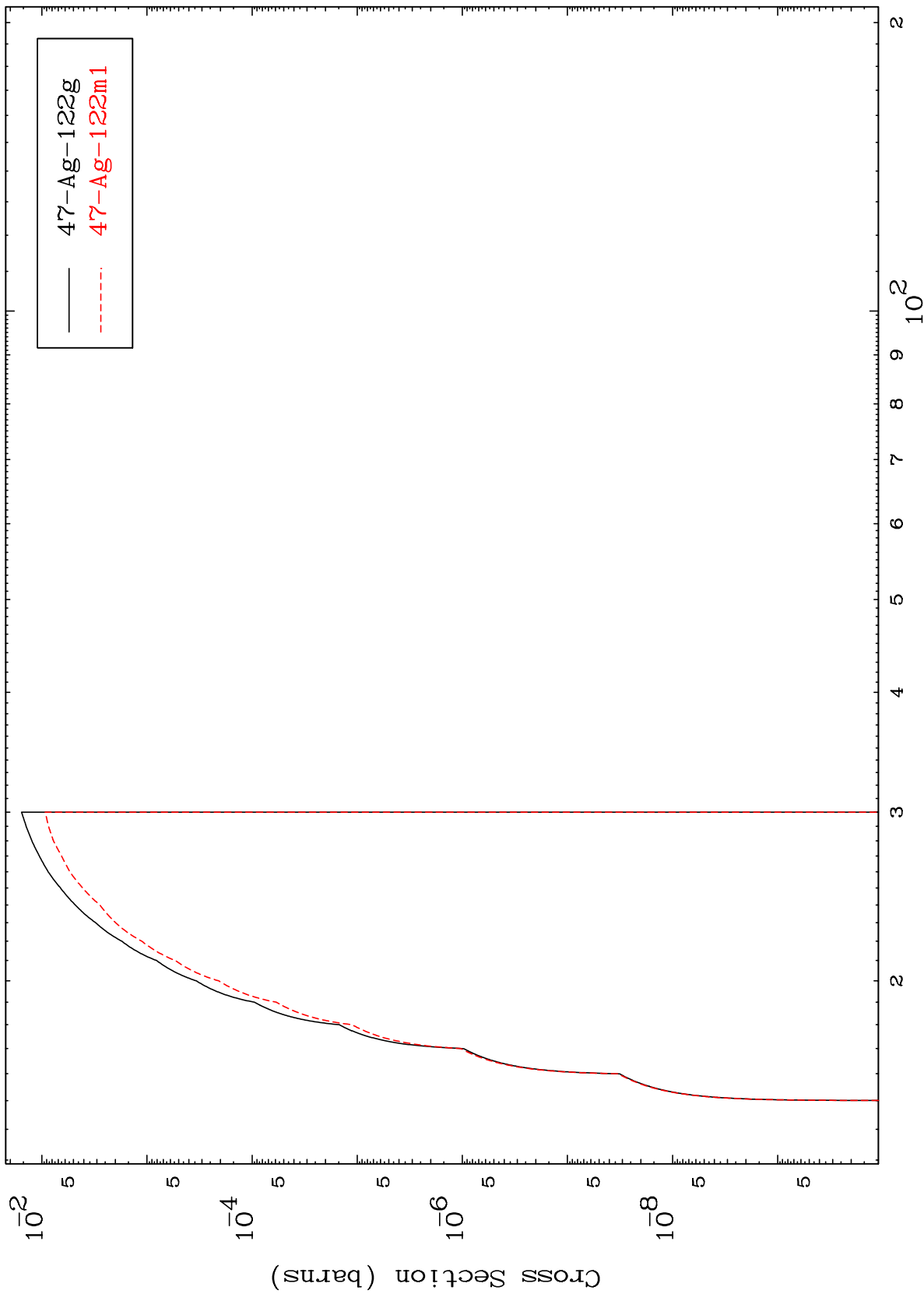
(n,3n)

48-Cd-123

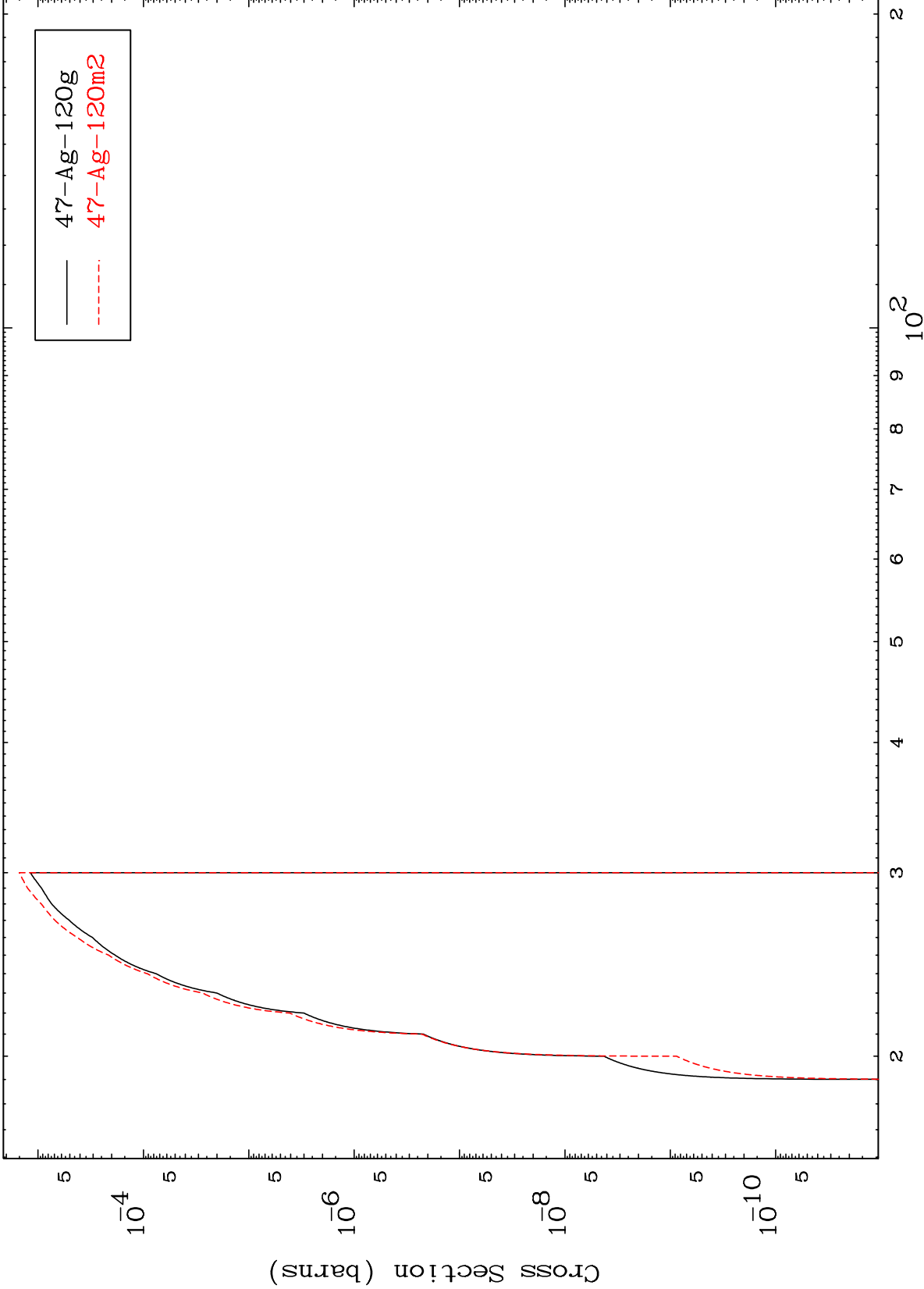


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Radionuclide Production Cross Section



Radionuclide Production Cross Section

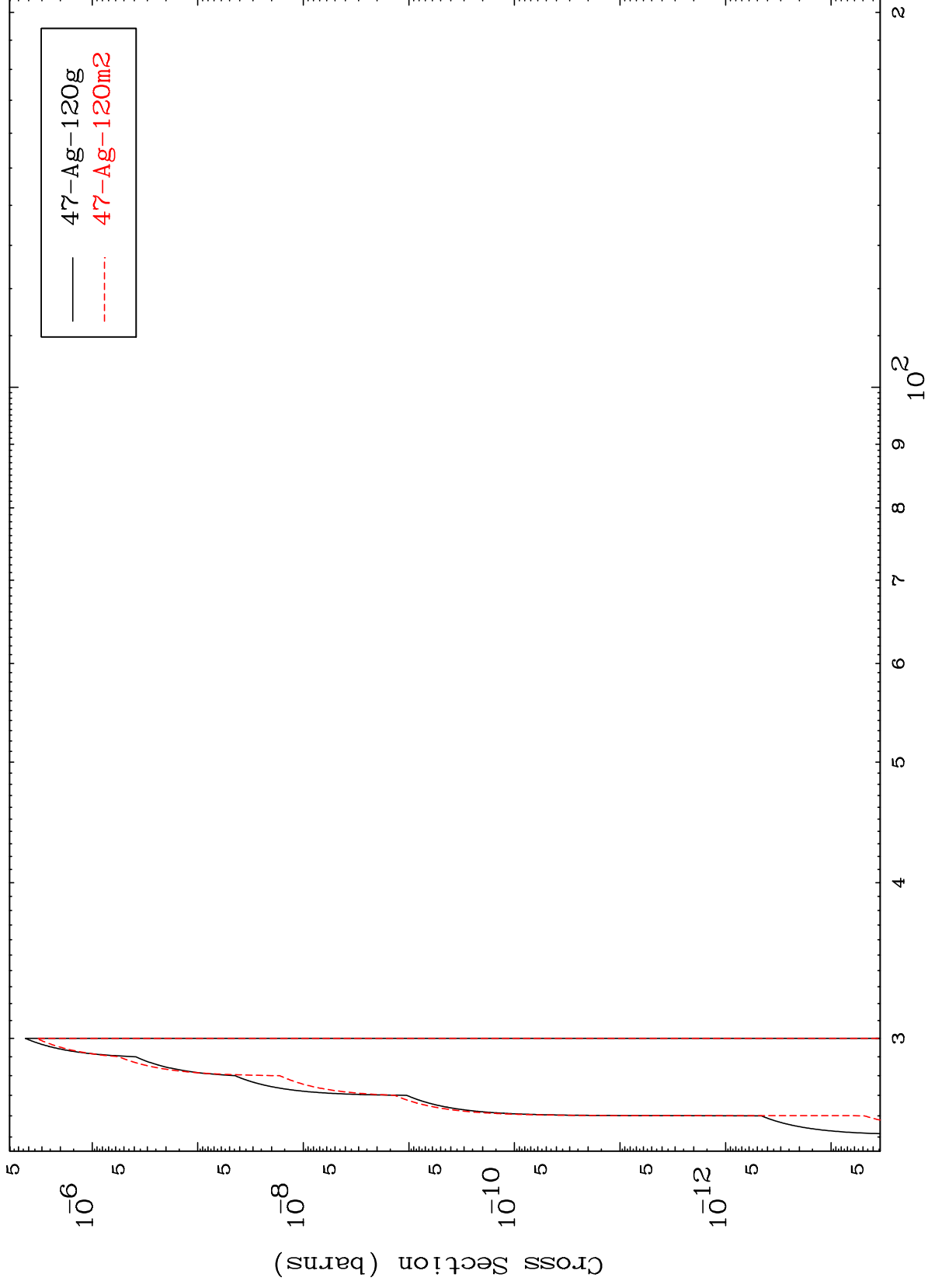


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(n,3n) p

48-Cd-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

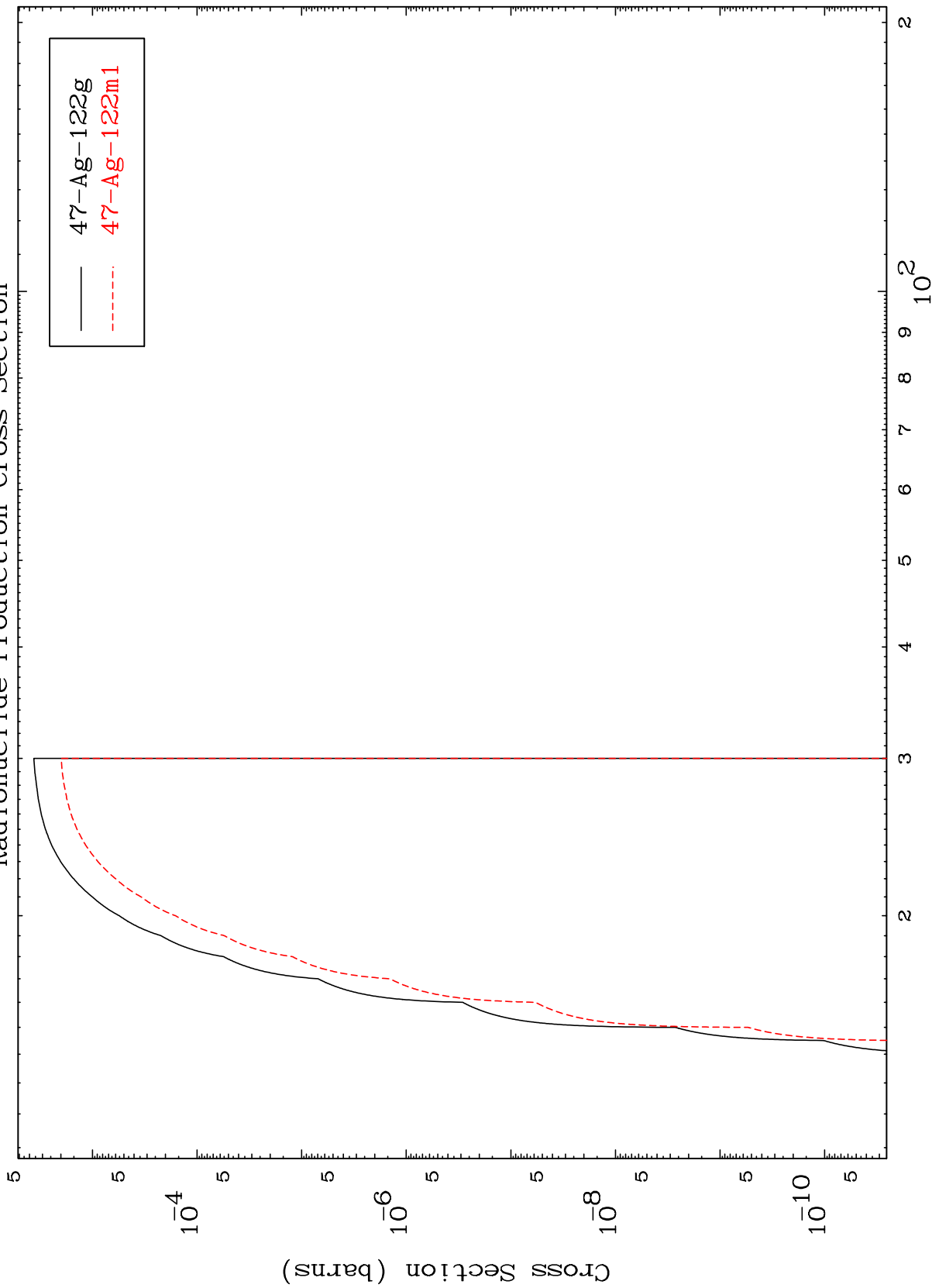
48-Cd-123

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(n,d)

48-Cd-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

48-Cd-123