

Program EVALPLOT
(Version 2015-2)

by

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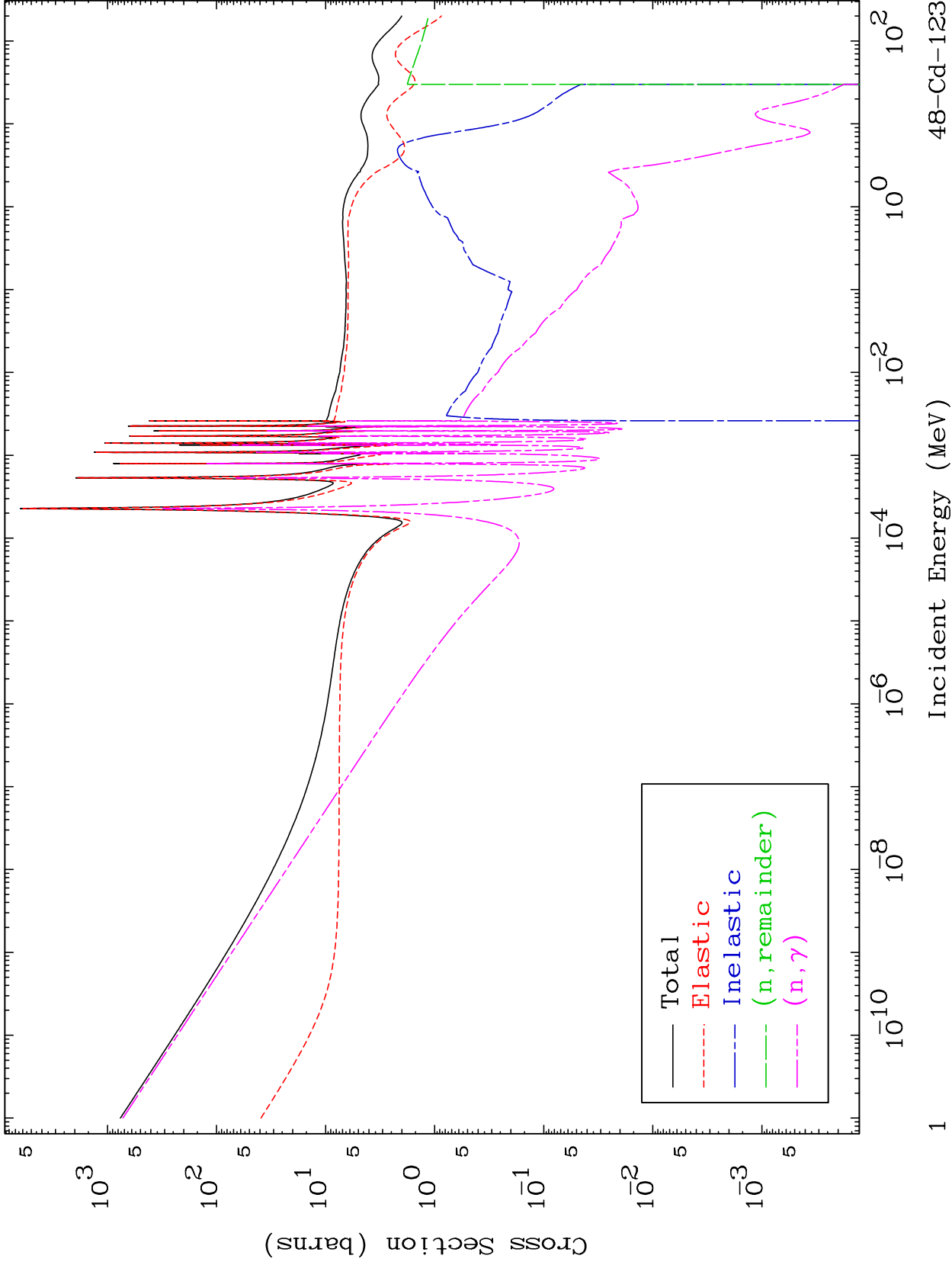
Press Mouse Button to Start

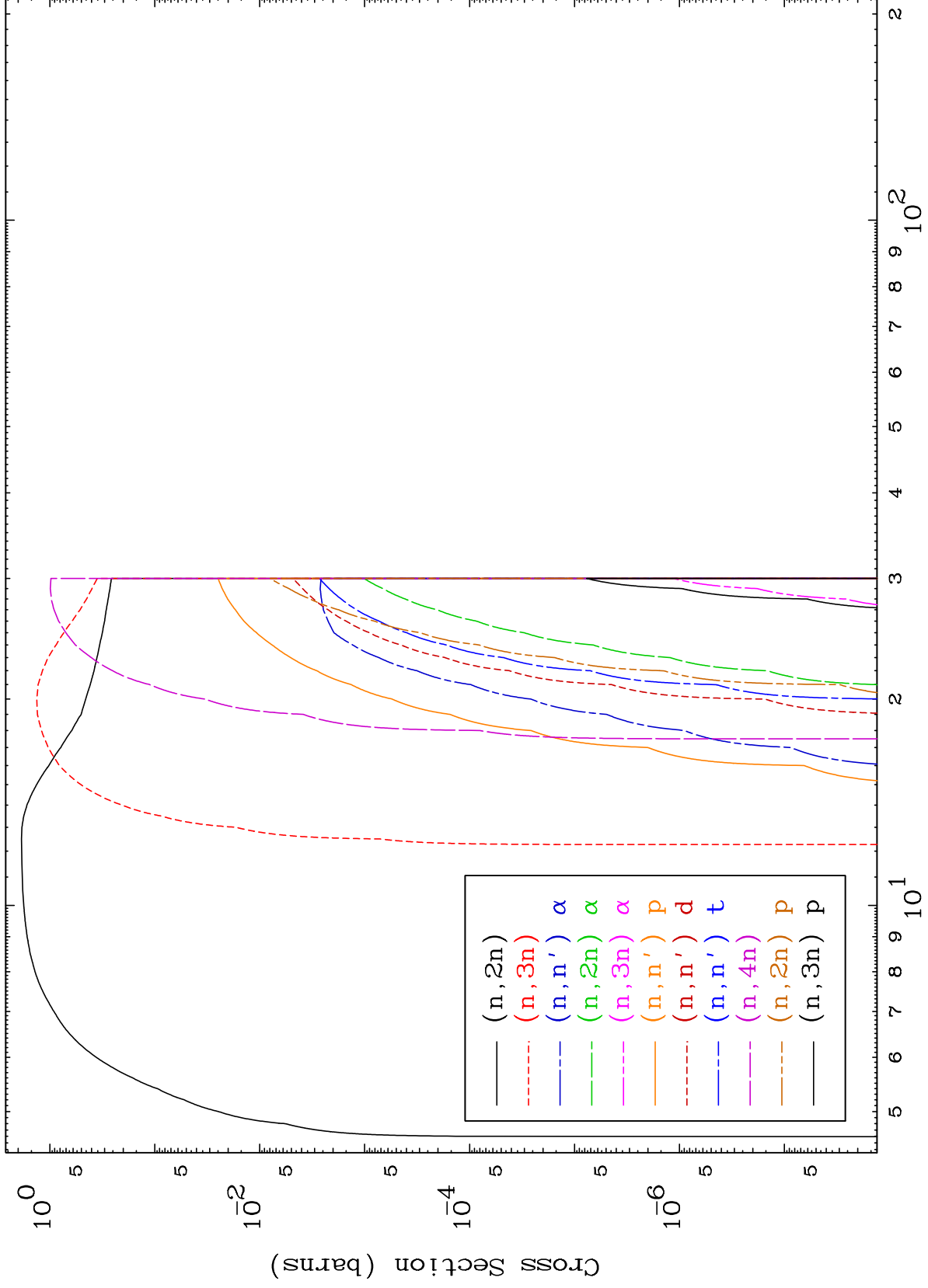
MAT 4877

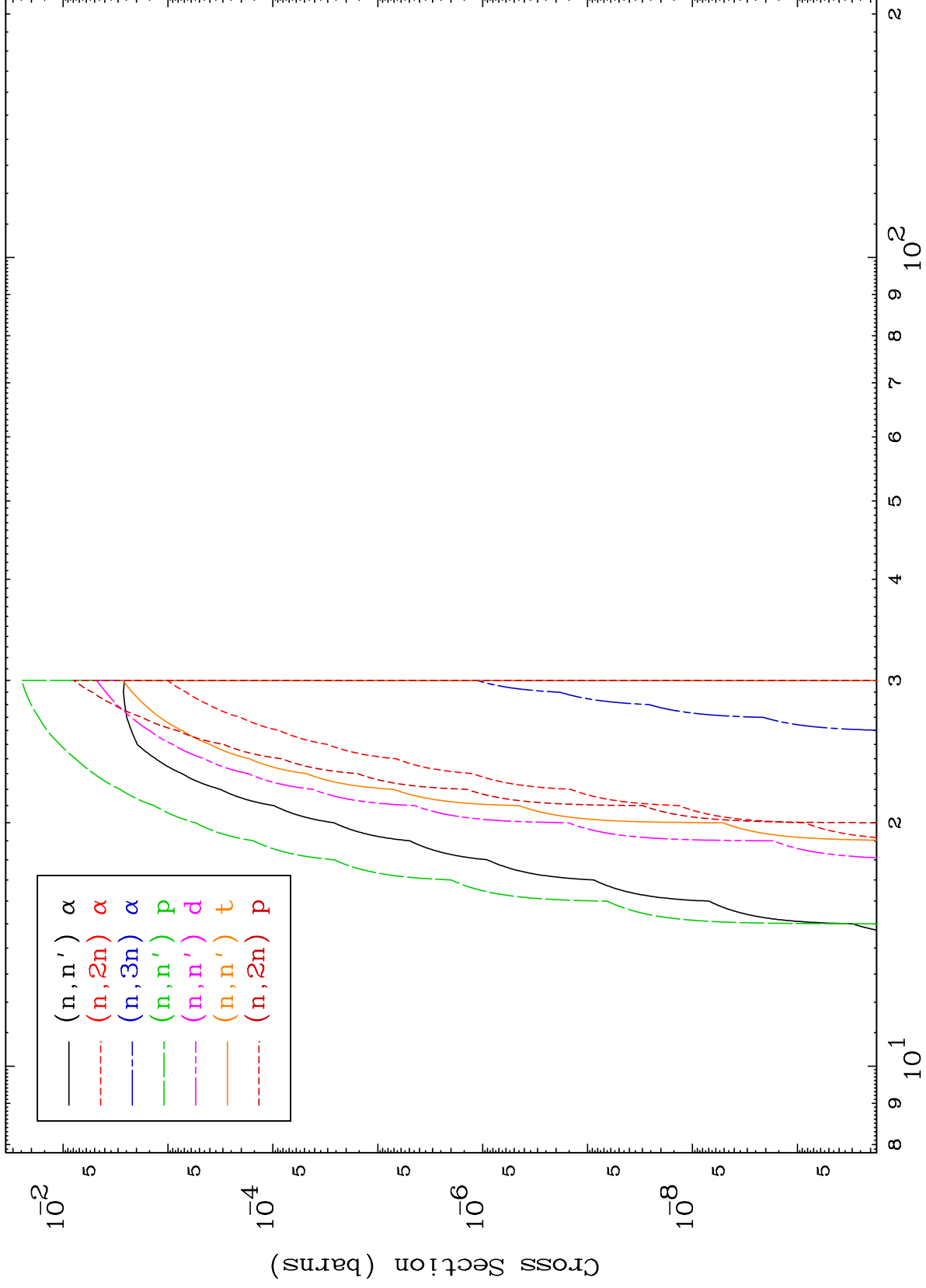
Major

293 Kelvin Cross Sections

48-Cd-123



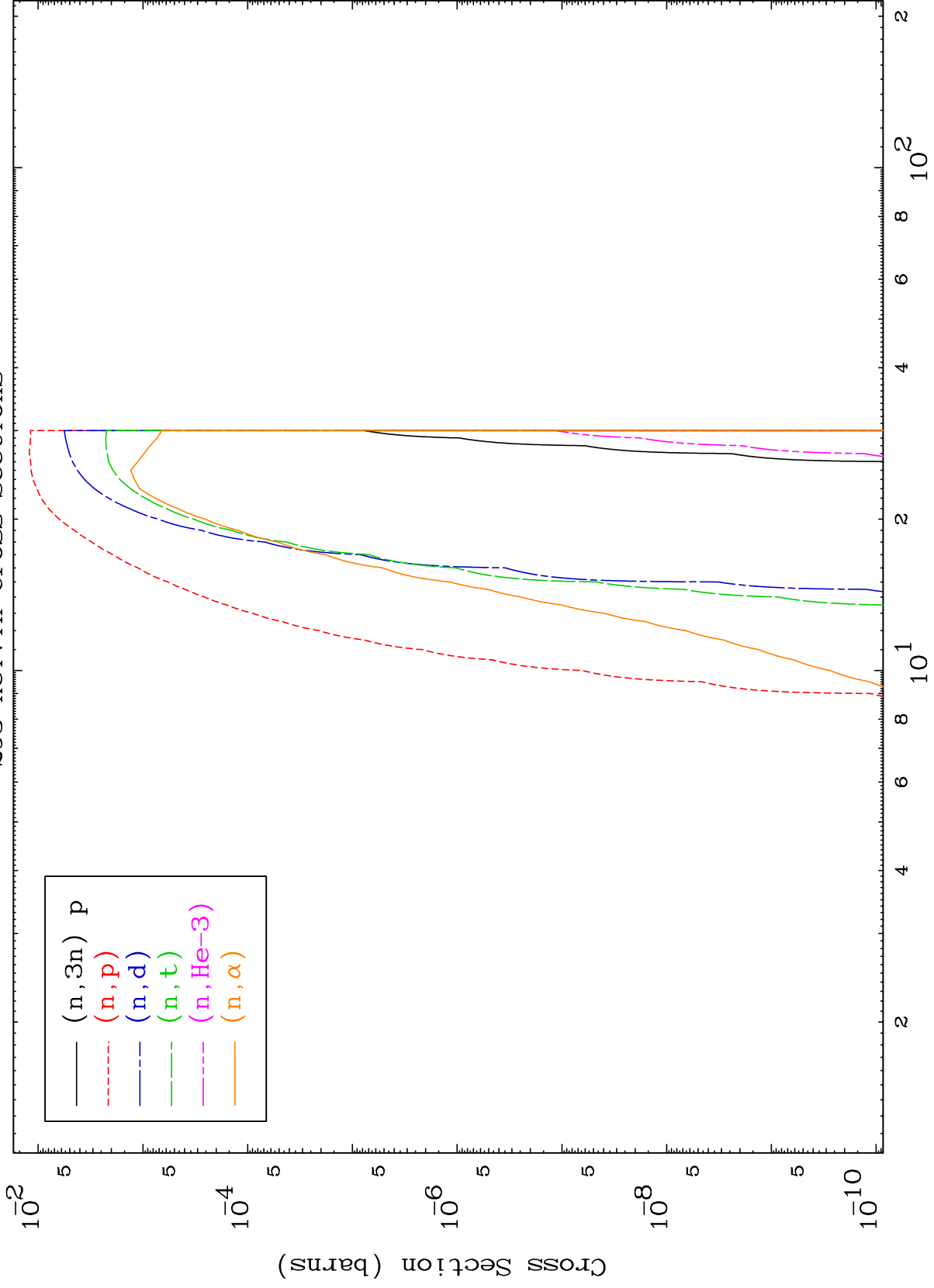




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Charged Particle
293 Kelvin Cross Sections

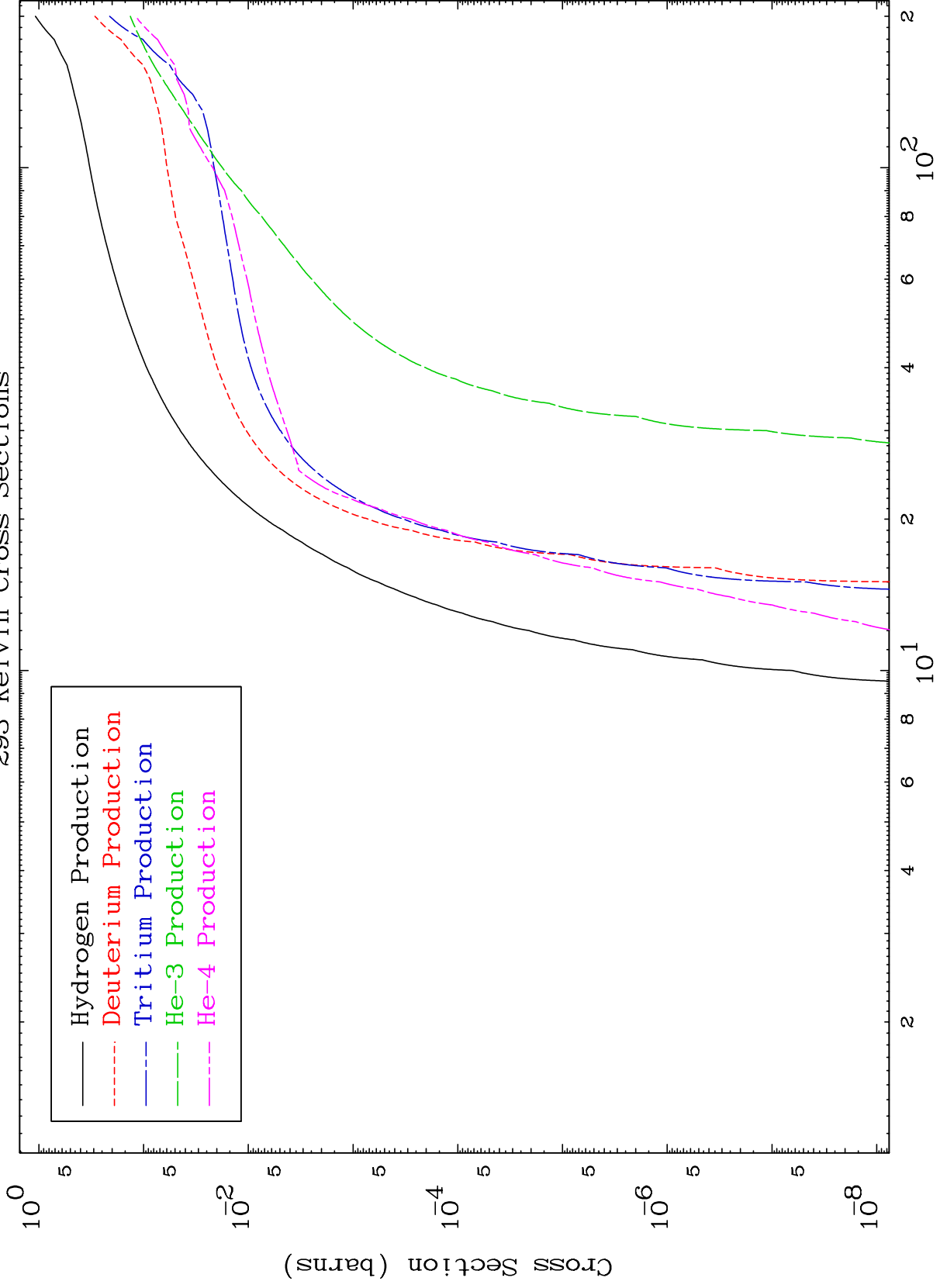
48-Cd-123



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Particle Production
293 Kelvin Cross Sections

48-Cd-123



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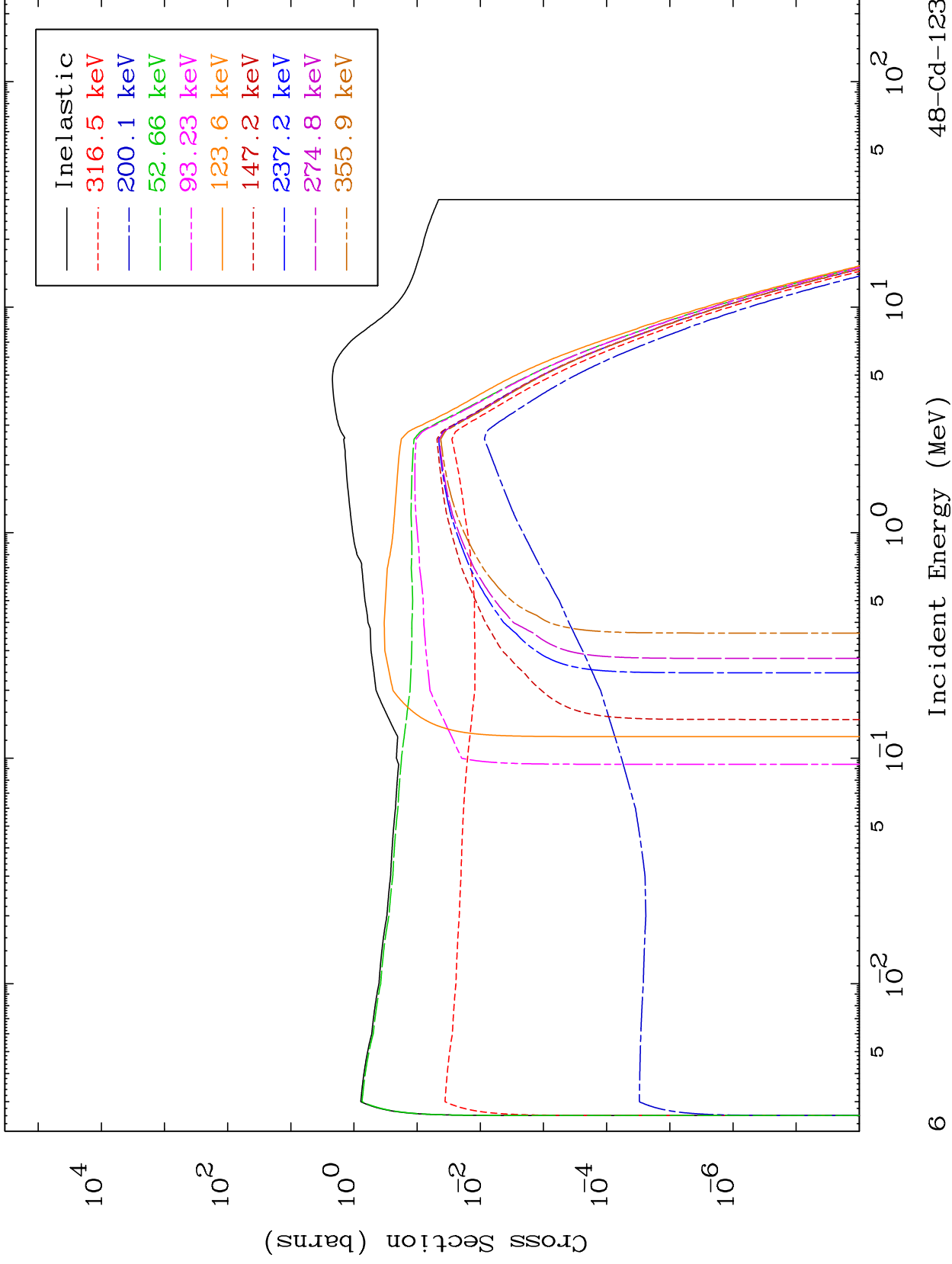
Incident Energy (MeV)

48-Cd-123

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(n,n') Level
293 Kelvin Cross Sections

48-Cd-123

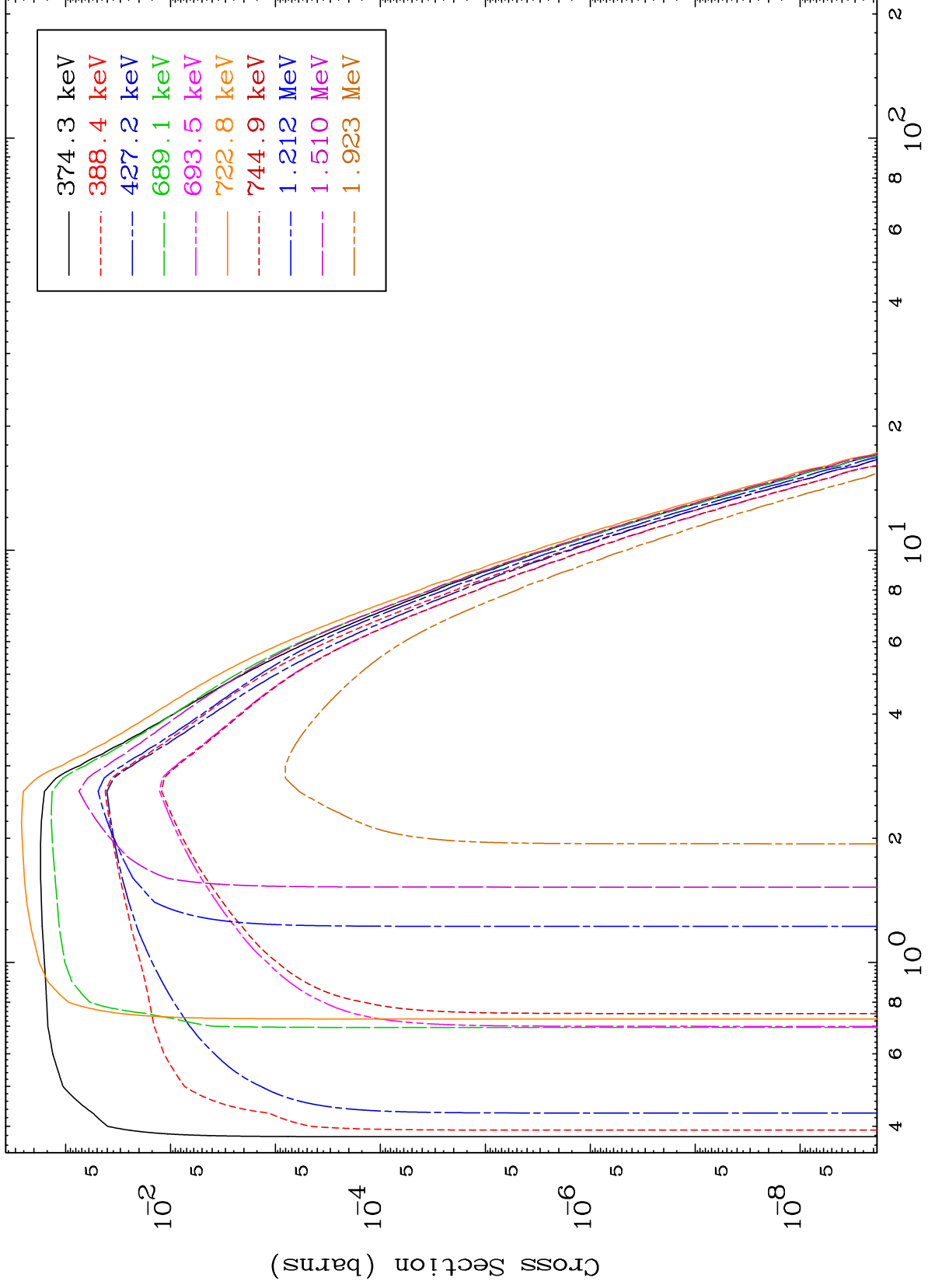


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(n,n') Level

48-Cd-123

293 Kelvin Cross Sections



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Incident Energy (MeV)

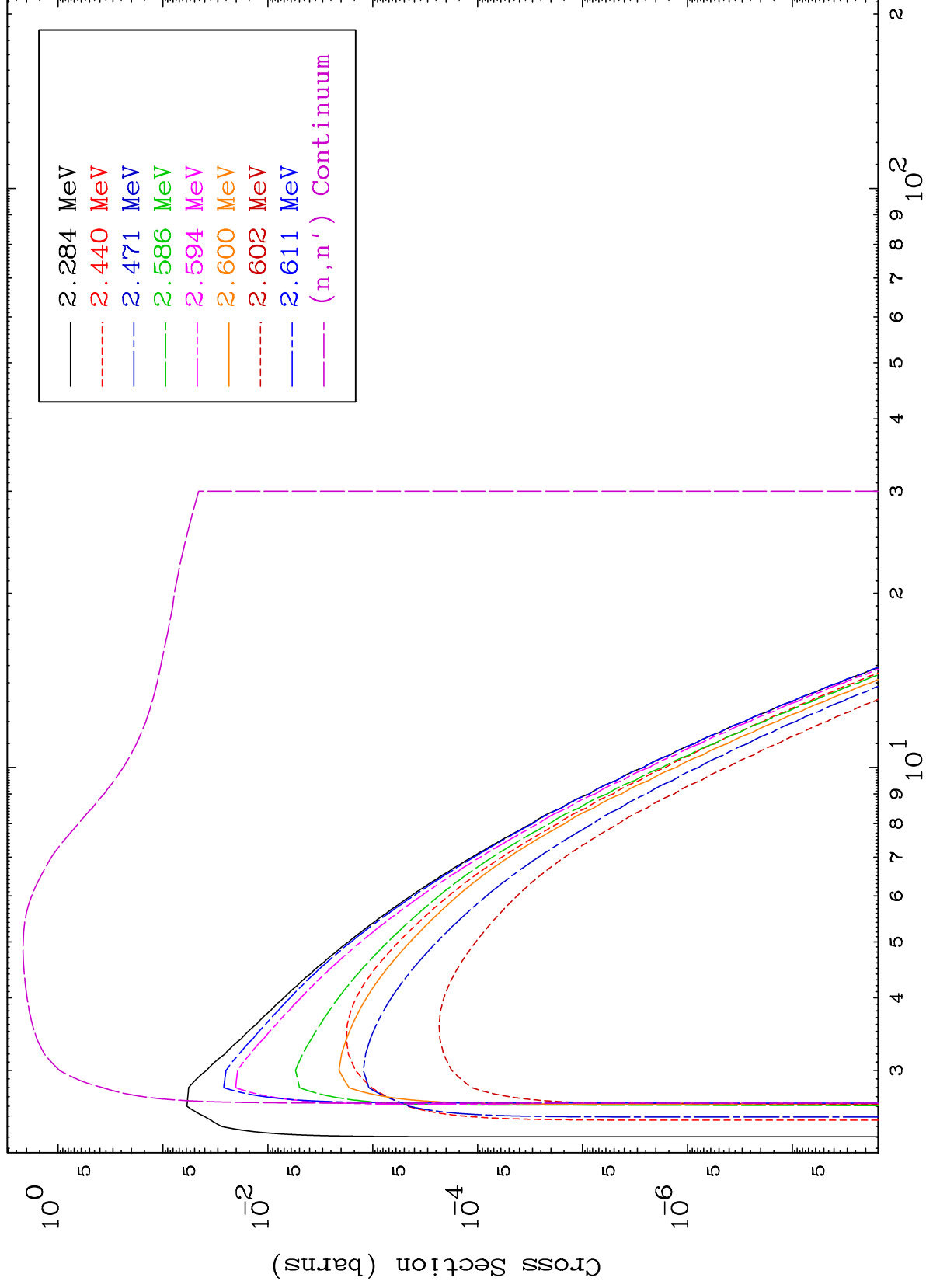
48-Cd-123

MAT 4877

(n,n') Level

48-Cd-123

293 Kelvin Cross Sections



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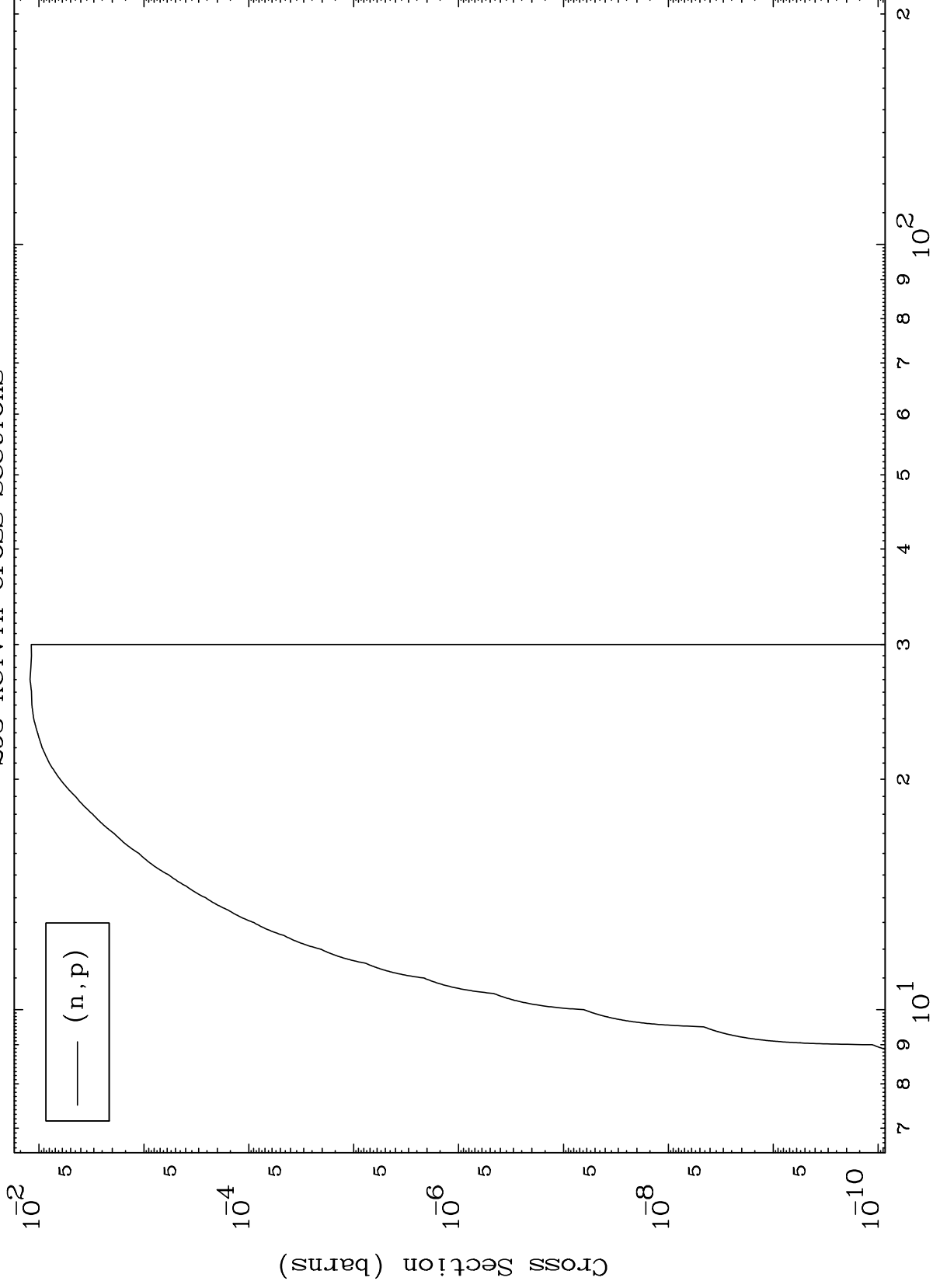
Incident Energy (MeV)

48-Cd-123

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(n,p) Levels
293 Kelvin Cross Sections

48-Cd-123



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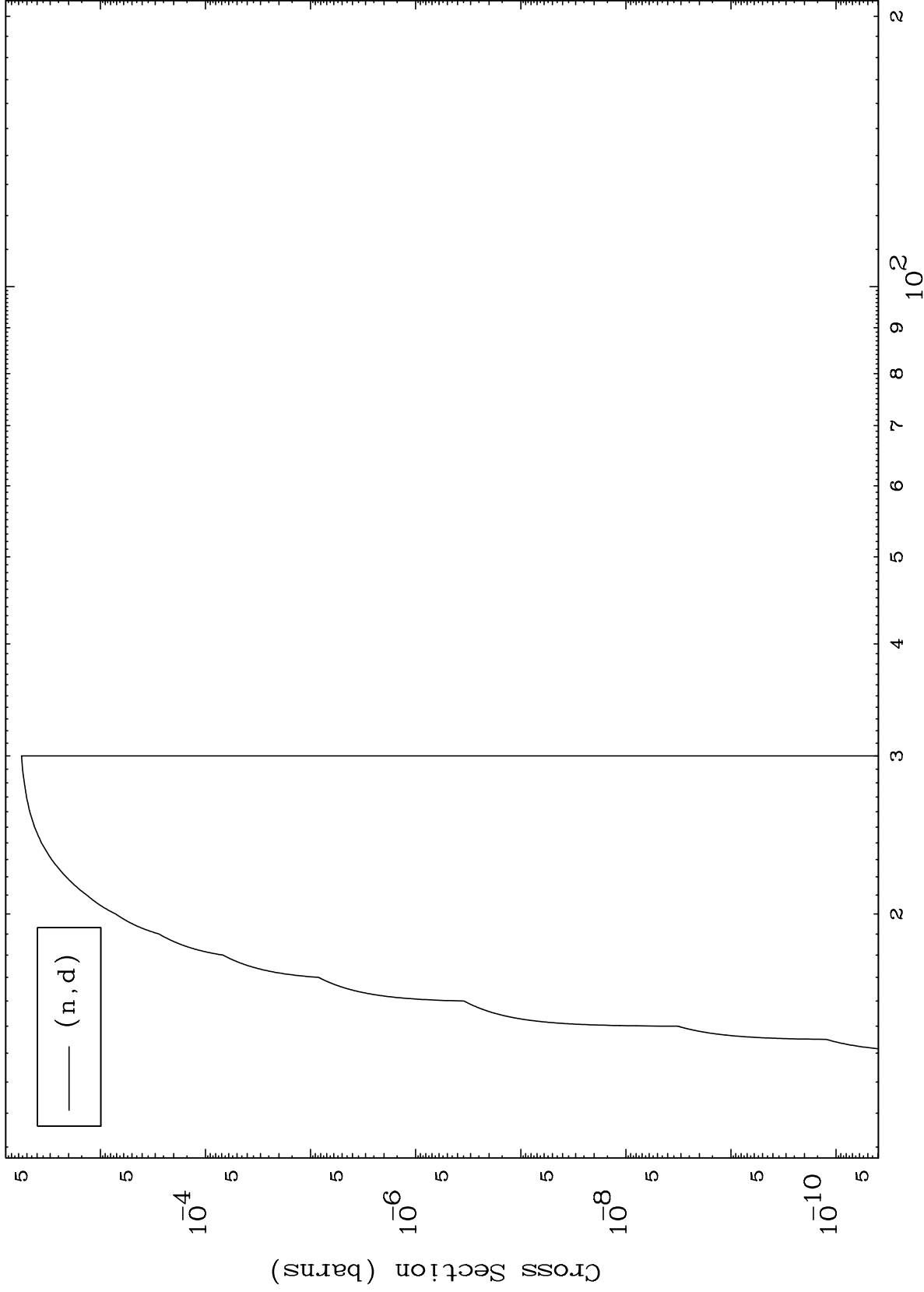
Incident Energy (MeV)

48-Cd-123

MAT 4877

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-123



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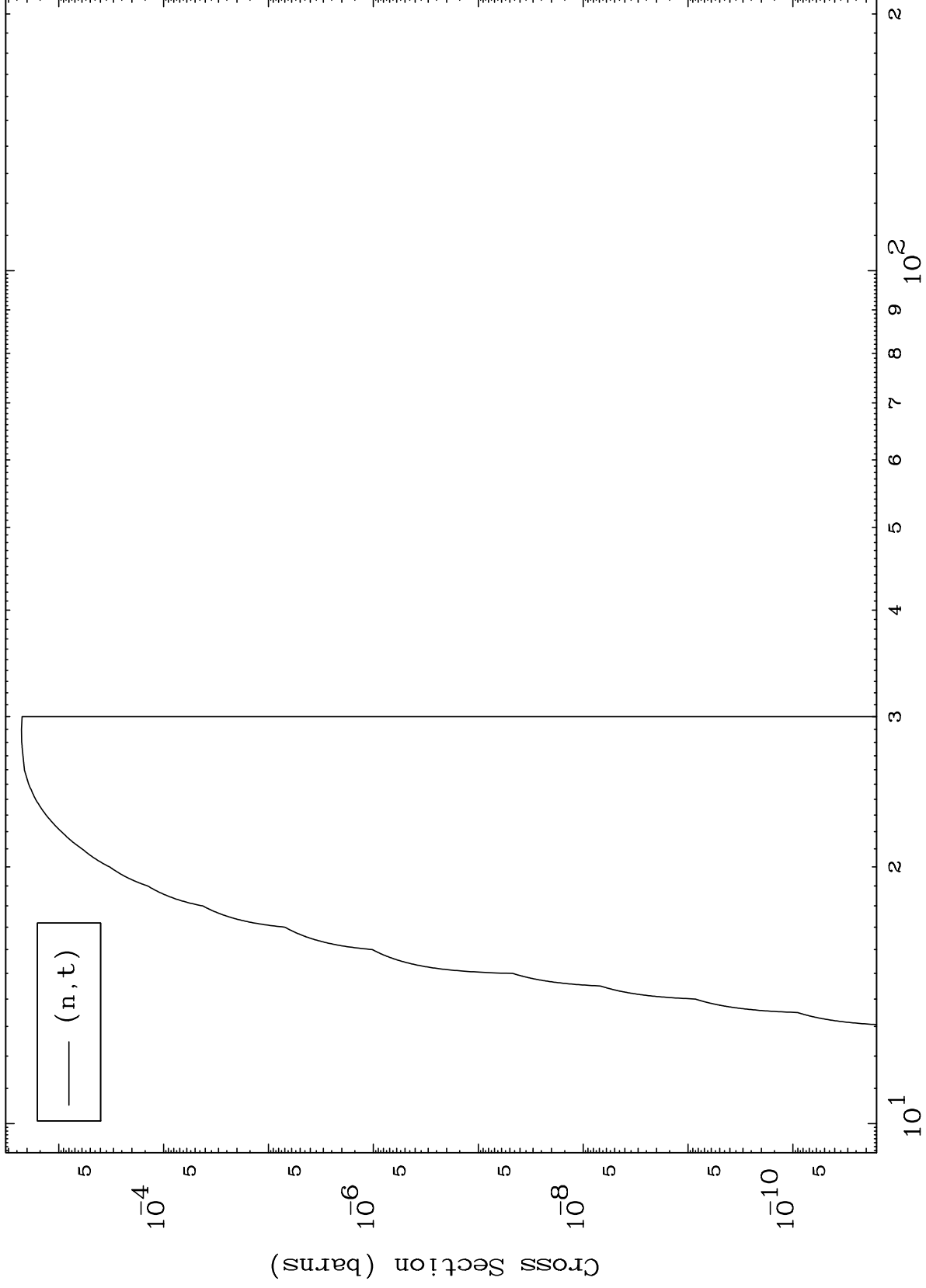
Incident Energy (MeV)

48-Cd-123

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(n,t) Levels
293 Kelvin Cross Sections

48-Cd-123



11

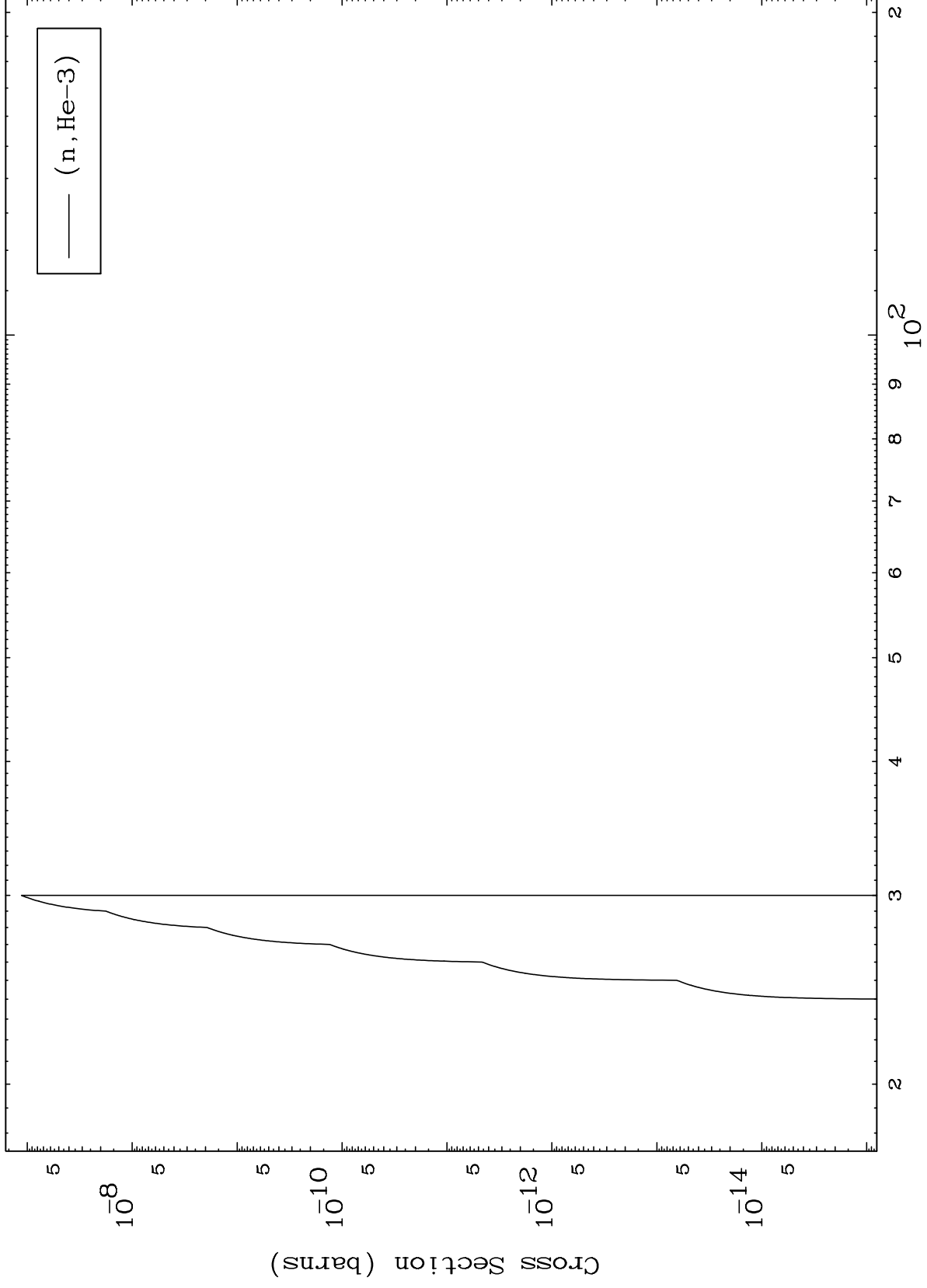
Incident Energy (MeV)

48-Cd-123

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(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-123



12

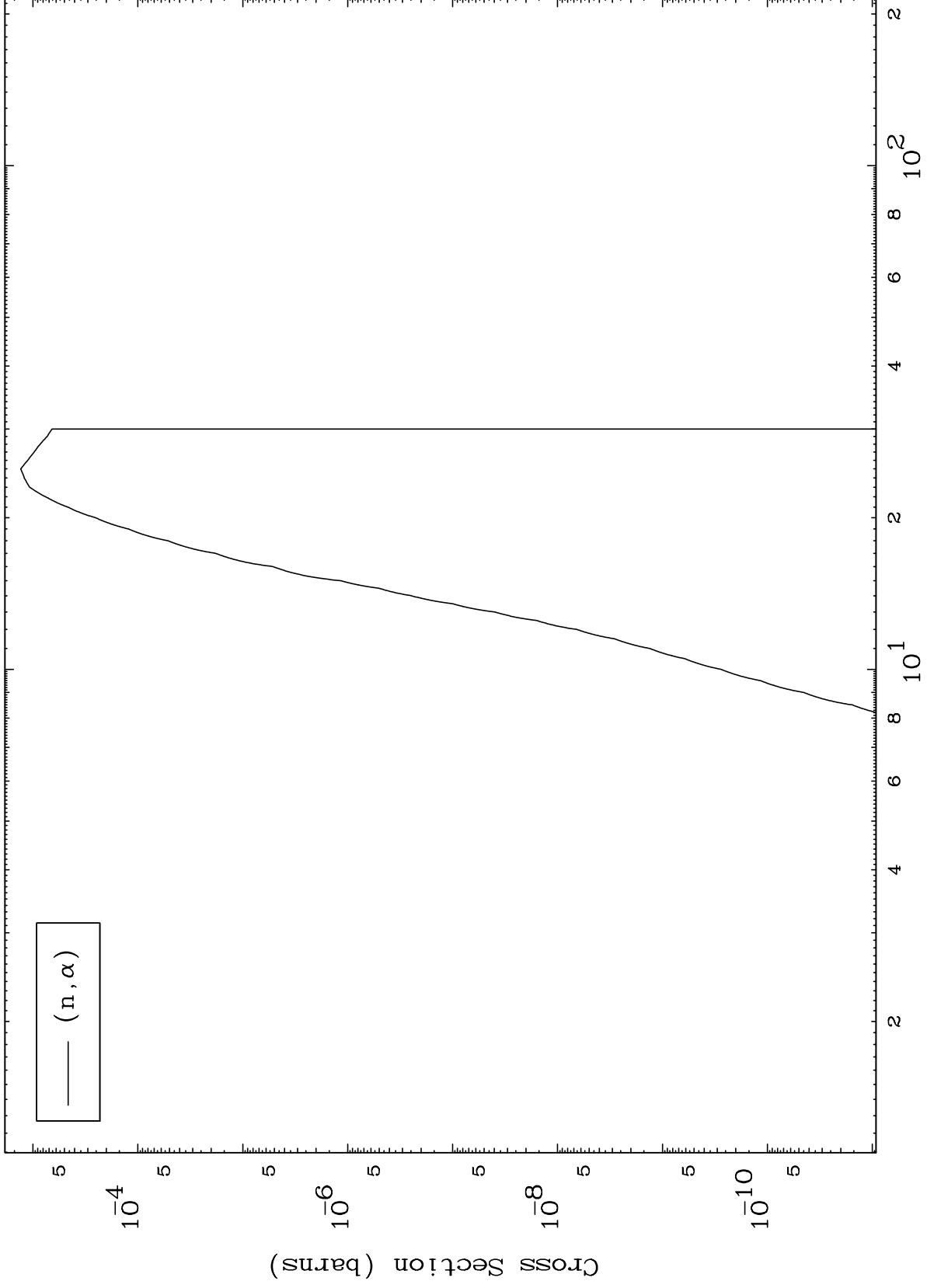
Incident Energy (MeV)

48-Cd-123

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(n, α) Levels
293 Kelvin Cross Sections

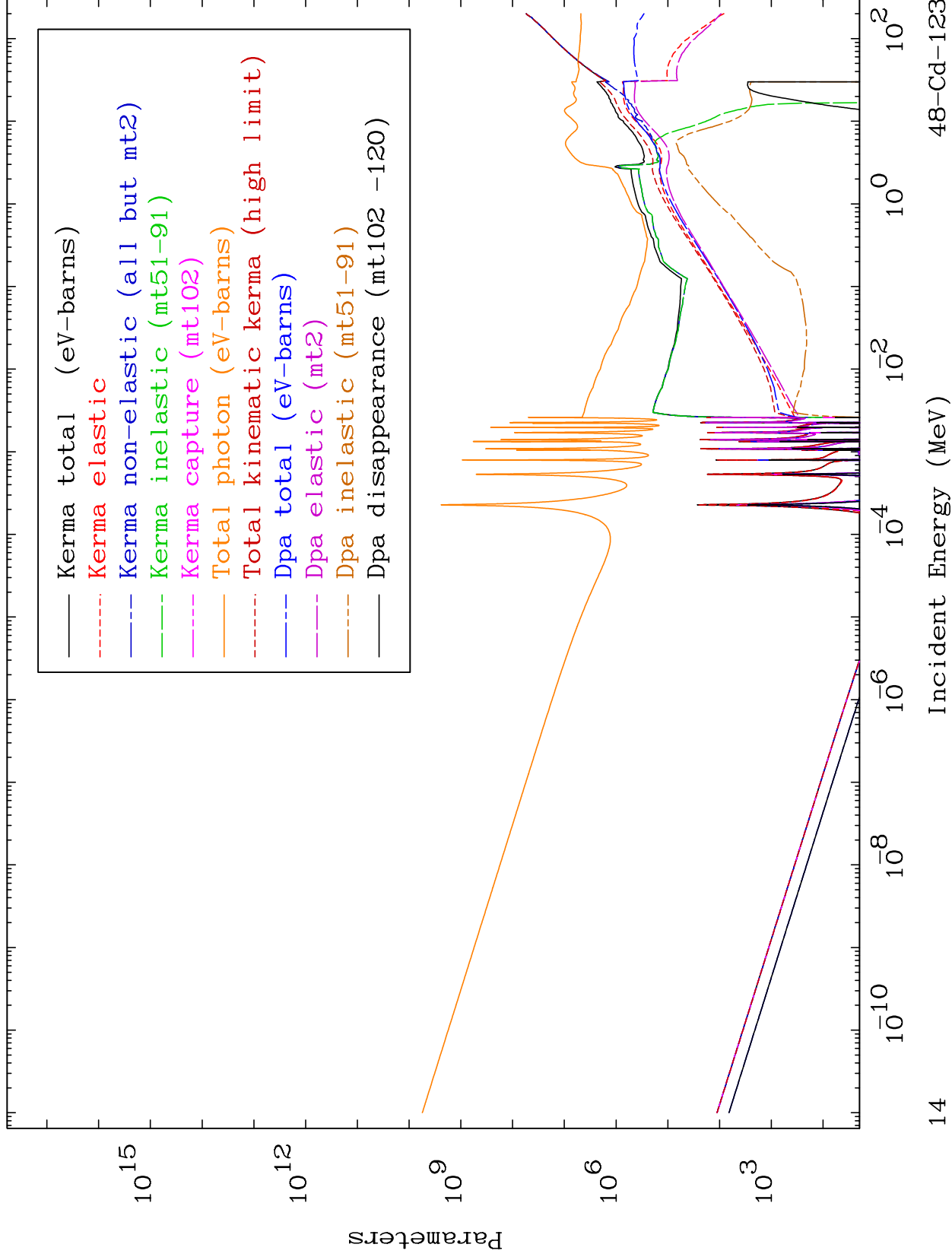
48-Cd-123

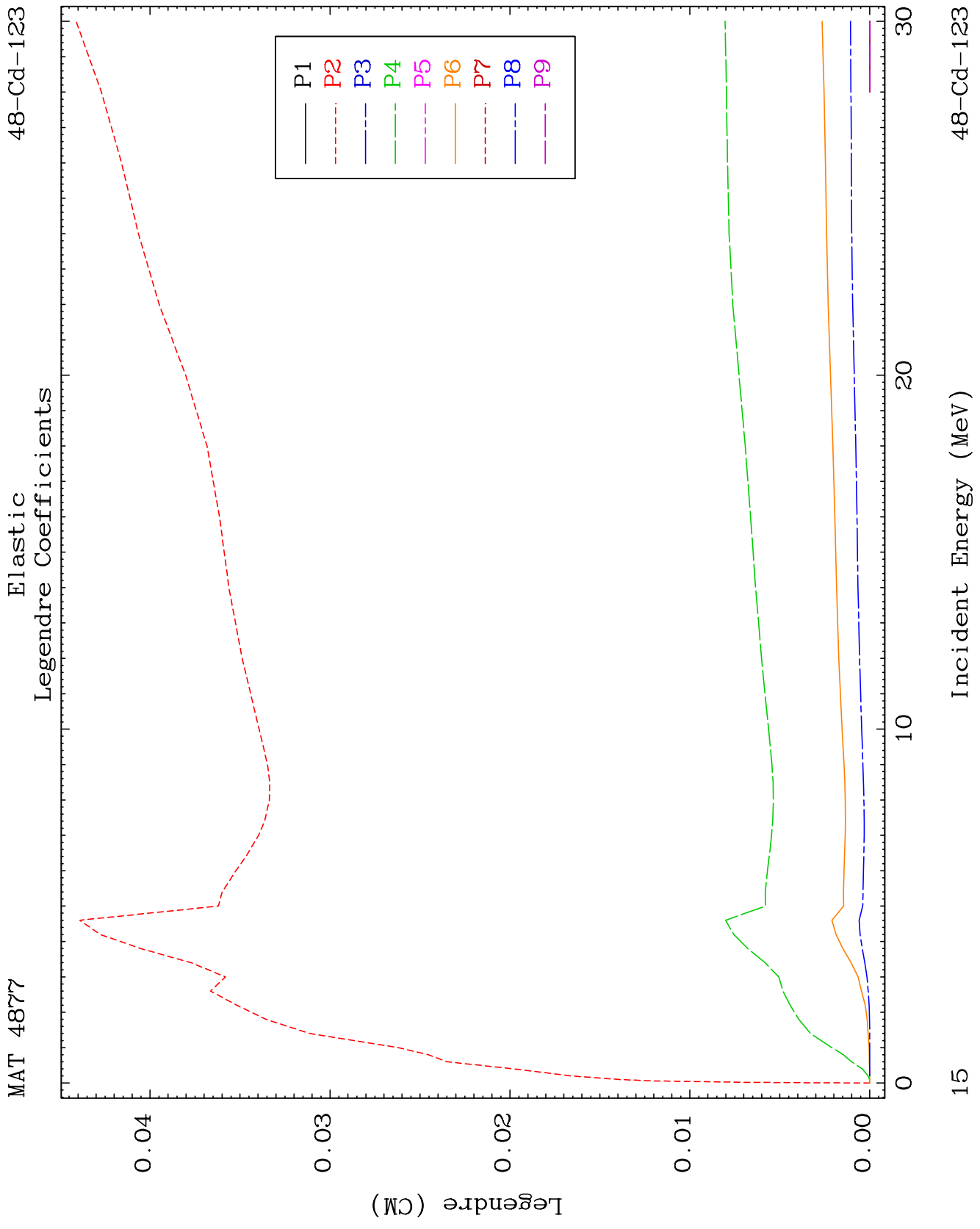


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Incident Energy (MeV)

48-Cd-123

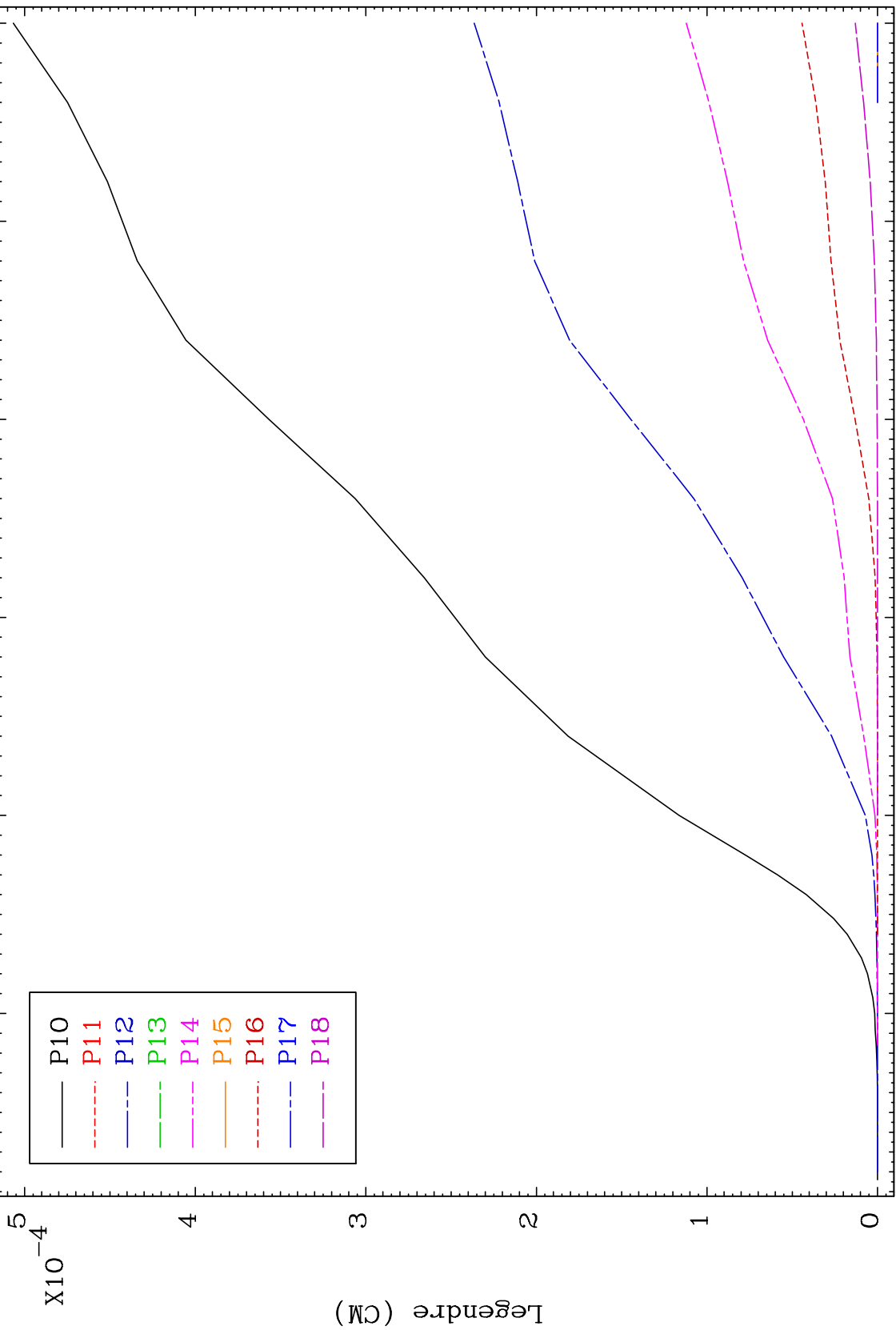




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Elastic Legendre Coefficients

48-Cd-123



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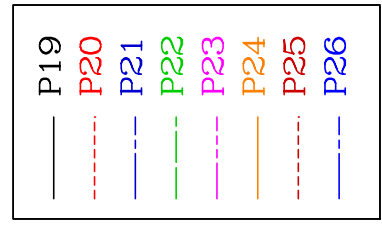
Incident Energy (MeV)

48-Cd-123

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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)

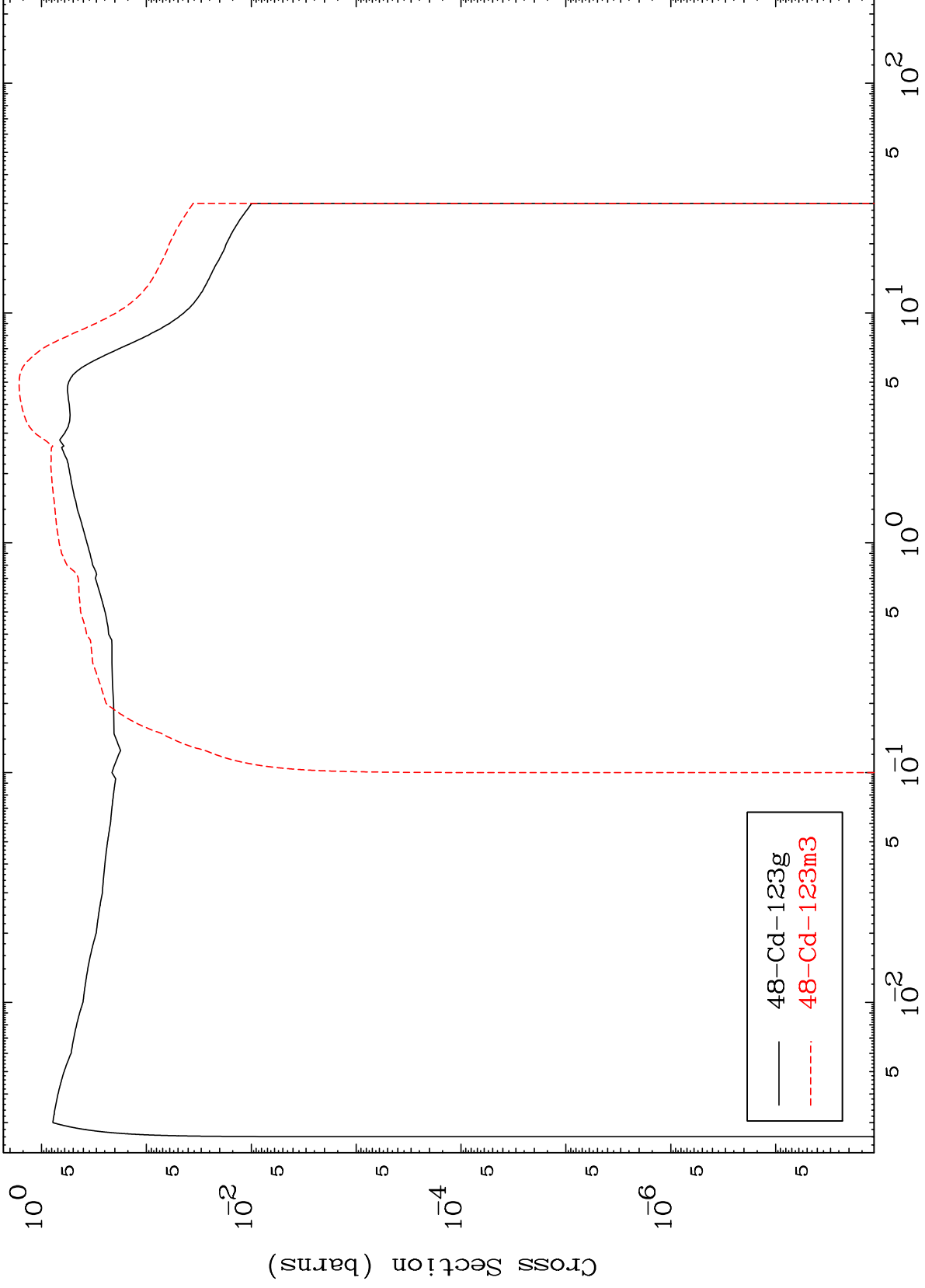
48-Cd-123



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48-Cd-123

Inelastic
Radionuclide Production Cross Section



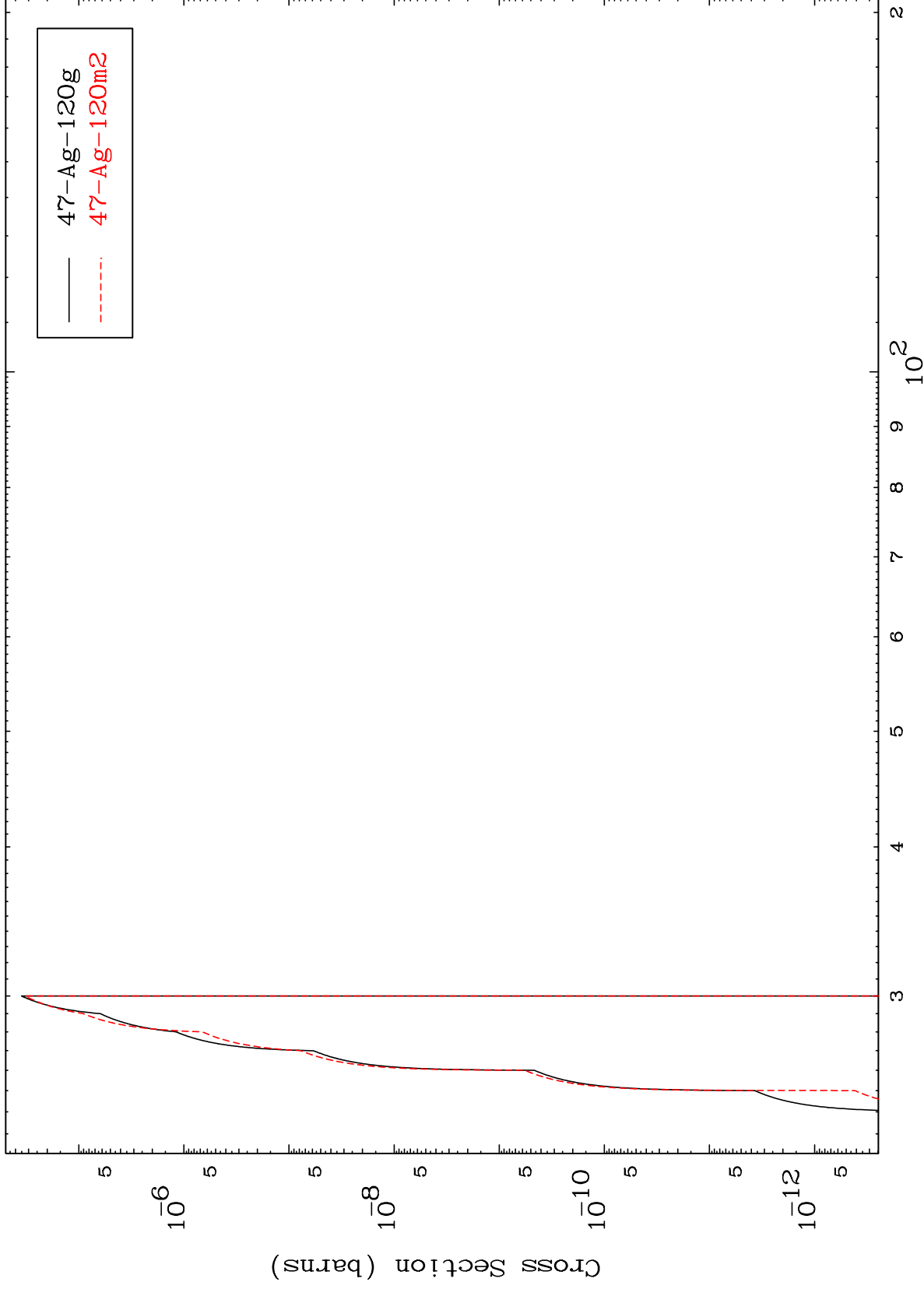
— 48-Cd-123g
- - - 48-Cd-123m3

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(n,2n) d

48-Cd-123

Radionuclide Production Cross Section



19

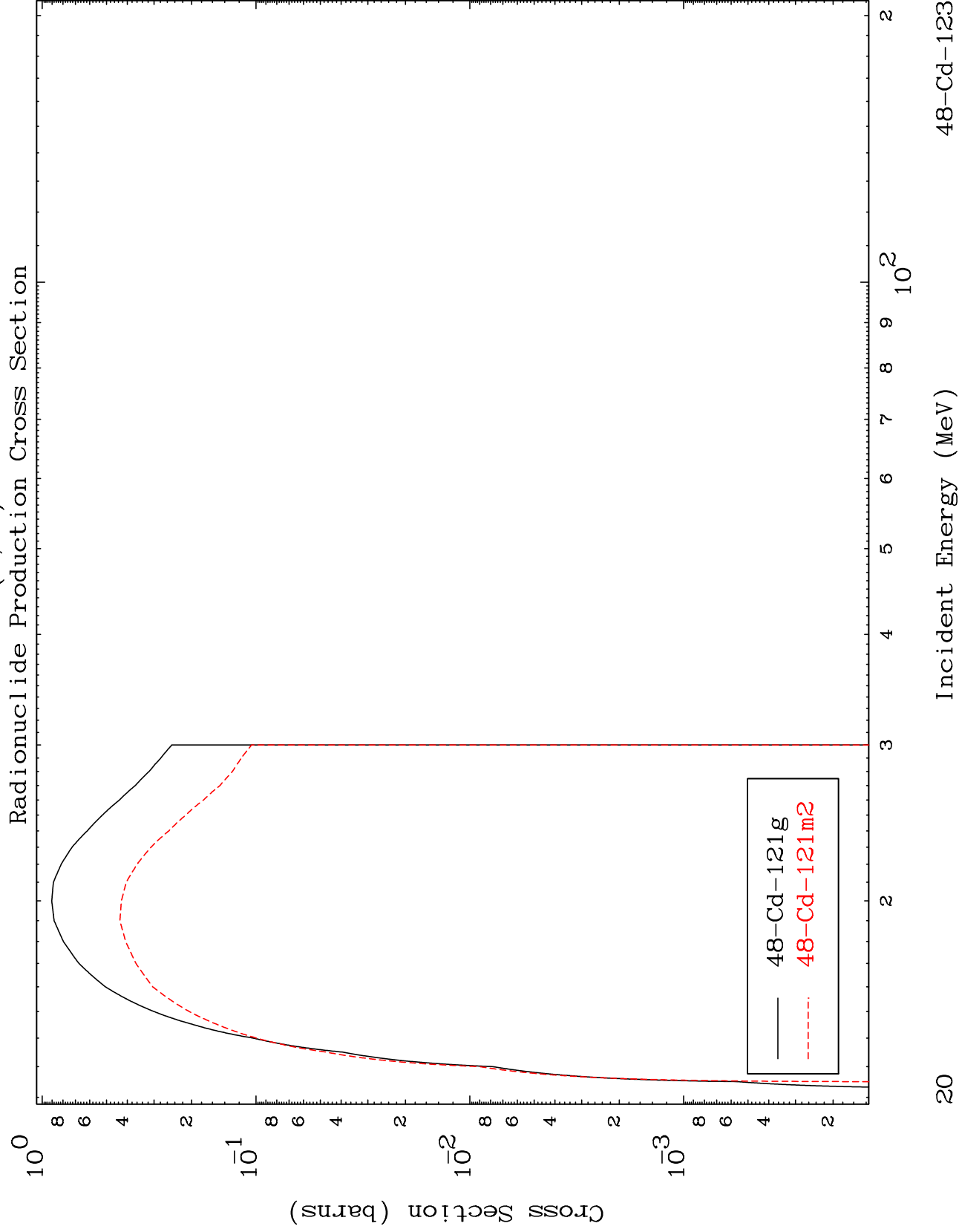
Incident Energy (MeV)

48-Cd-123

MAT 48777

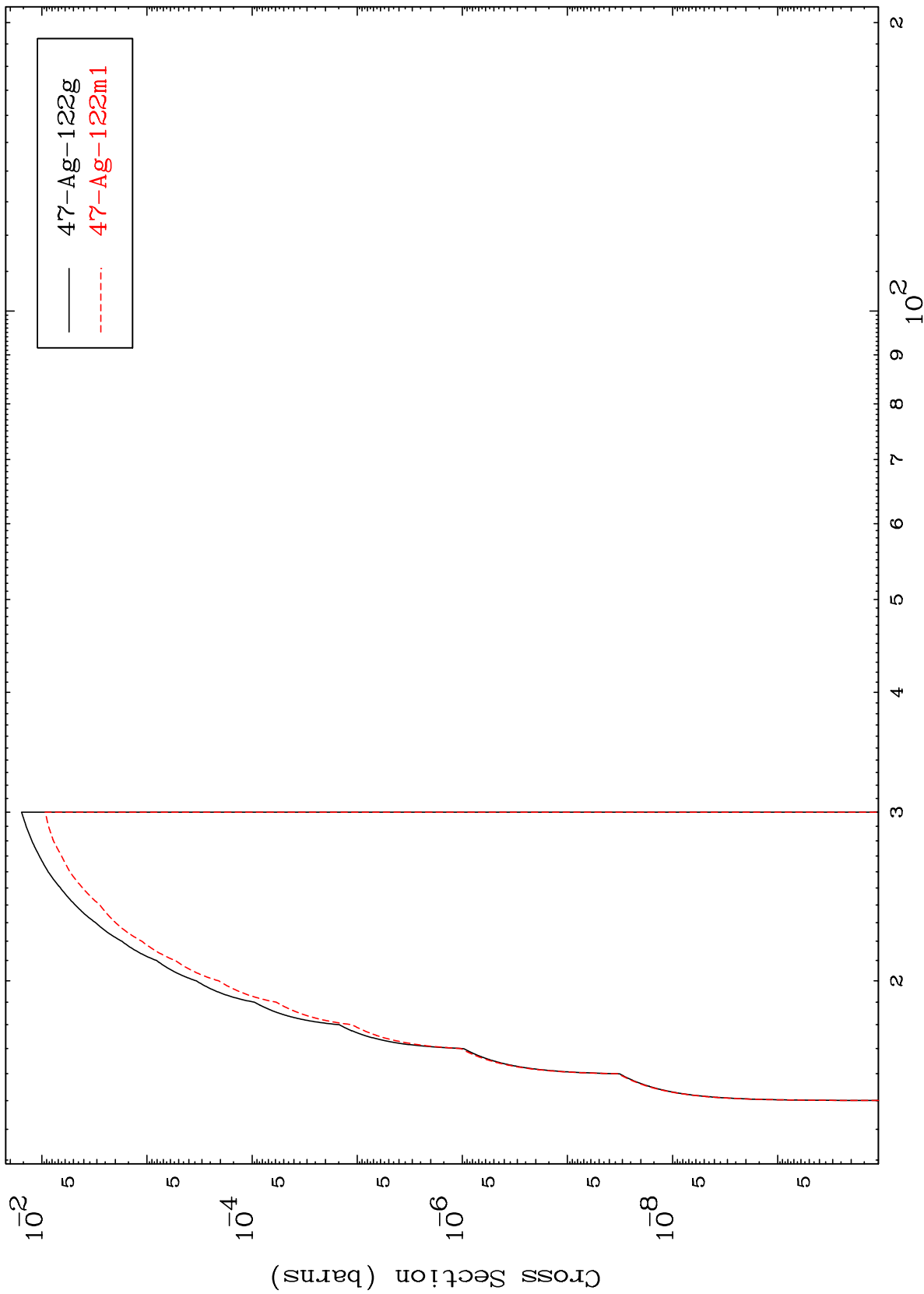
(n,3n)

48-Cd-123

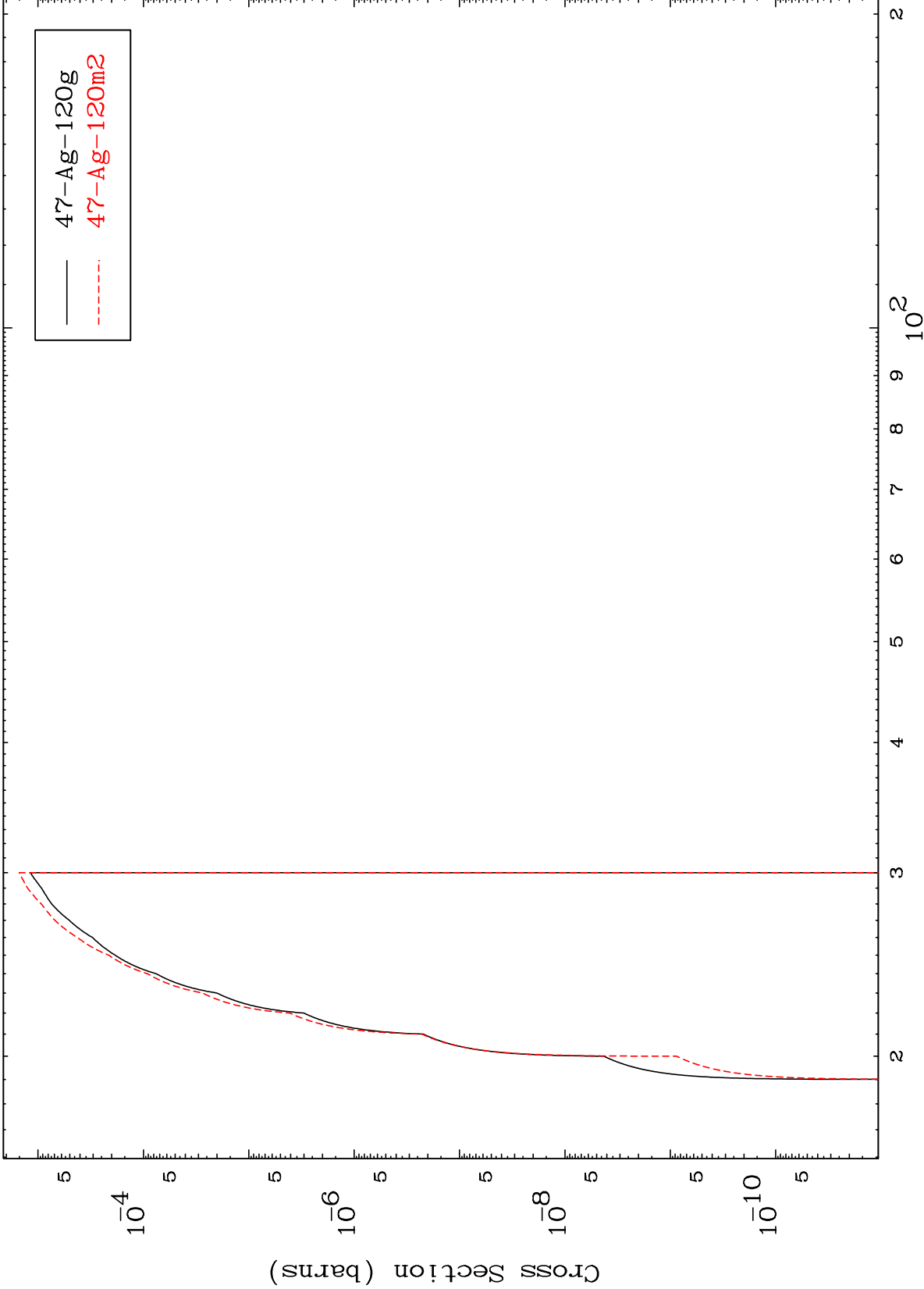


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Radionuclide Production Cross Section



Radionuclide Production Cross Section

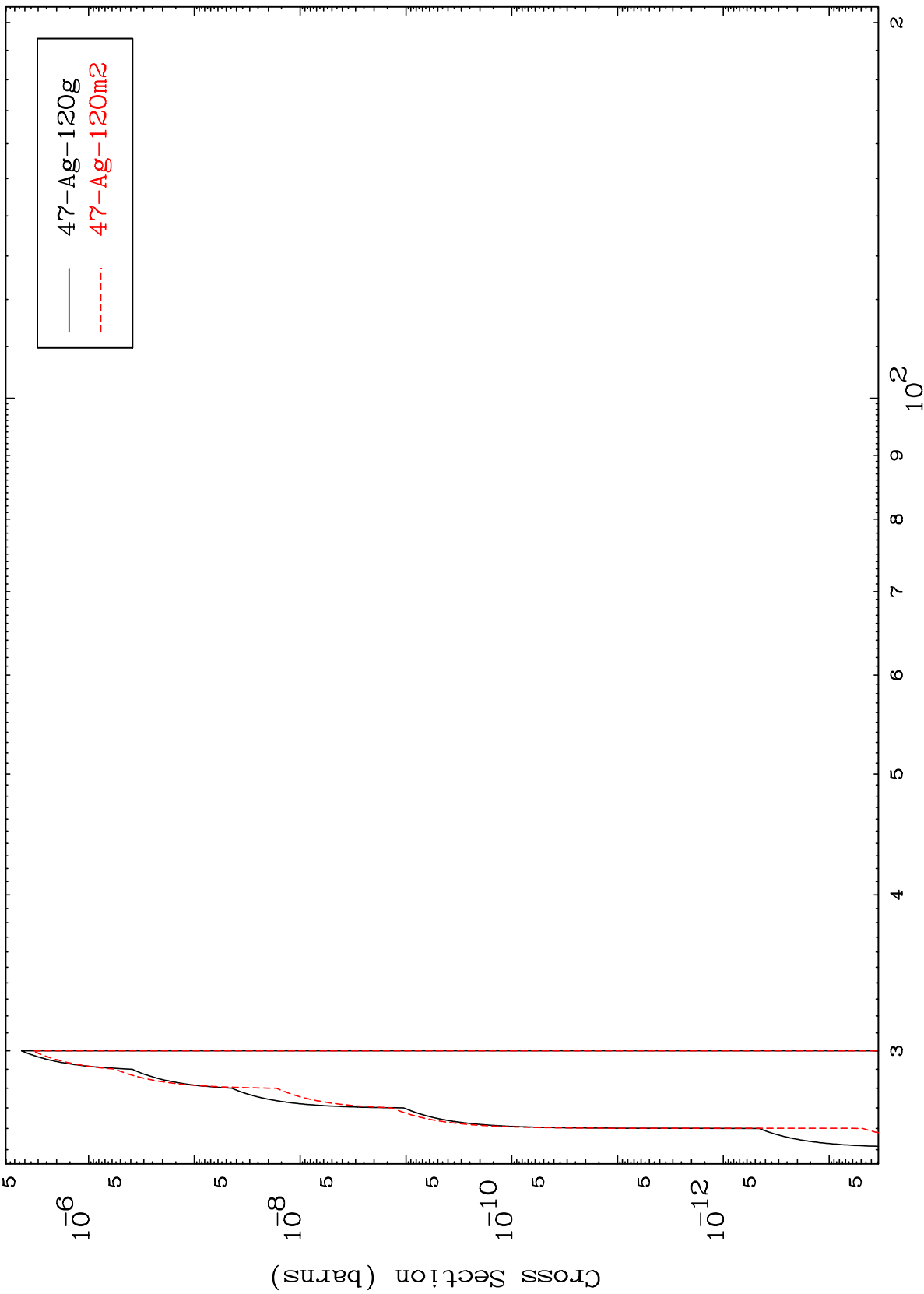


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(n,3n) p

48-Cd-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

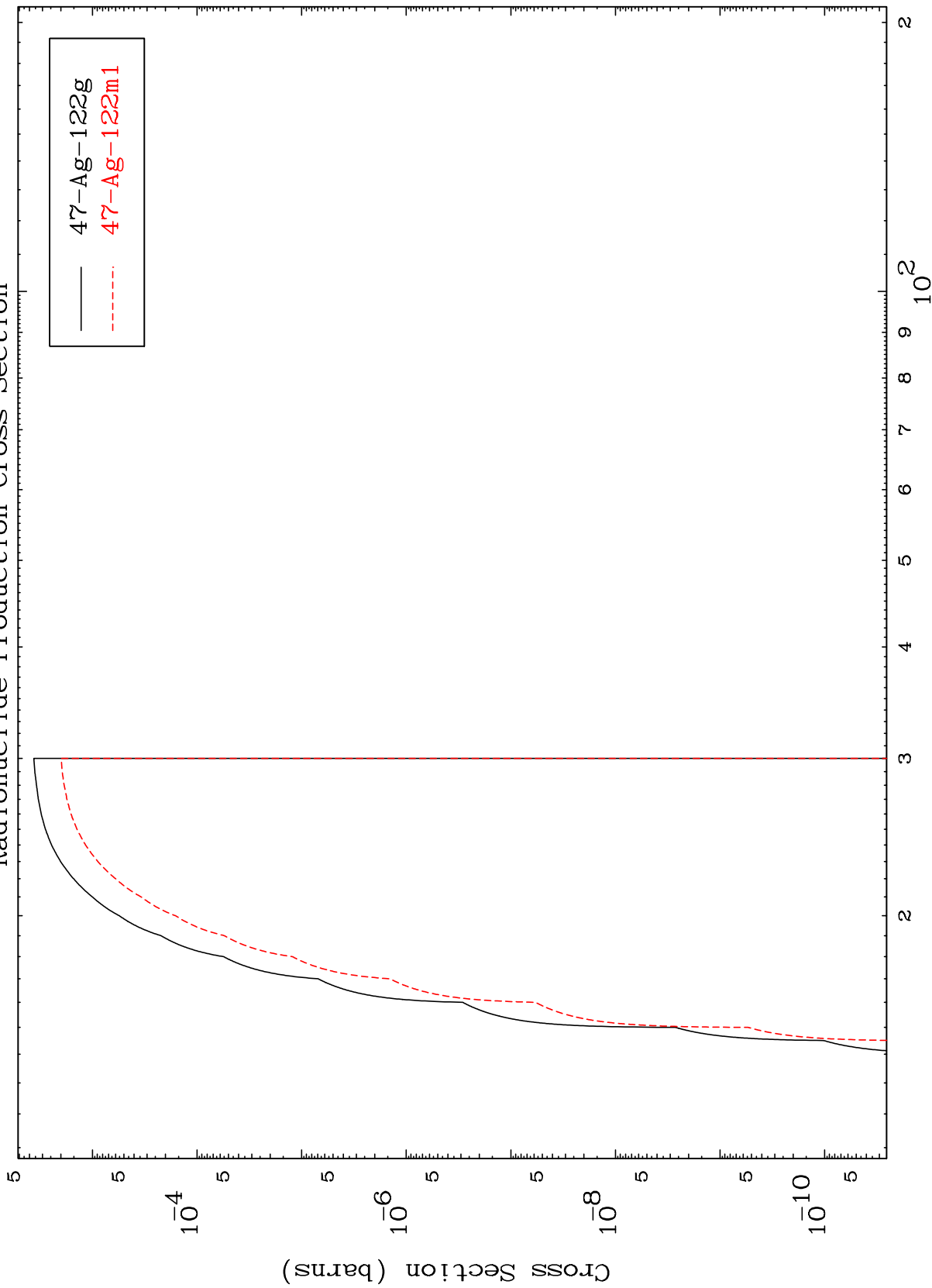
48-Cd-123

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(n,d)

48-Cd-123

Radionuclide Production Cross Section



24

Incident Energy (MeV)

48-Cd-123