

Program EVALPLOT
(Version 2021-1)

by

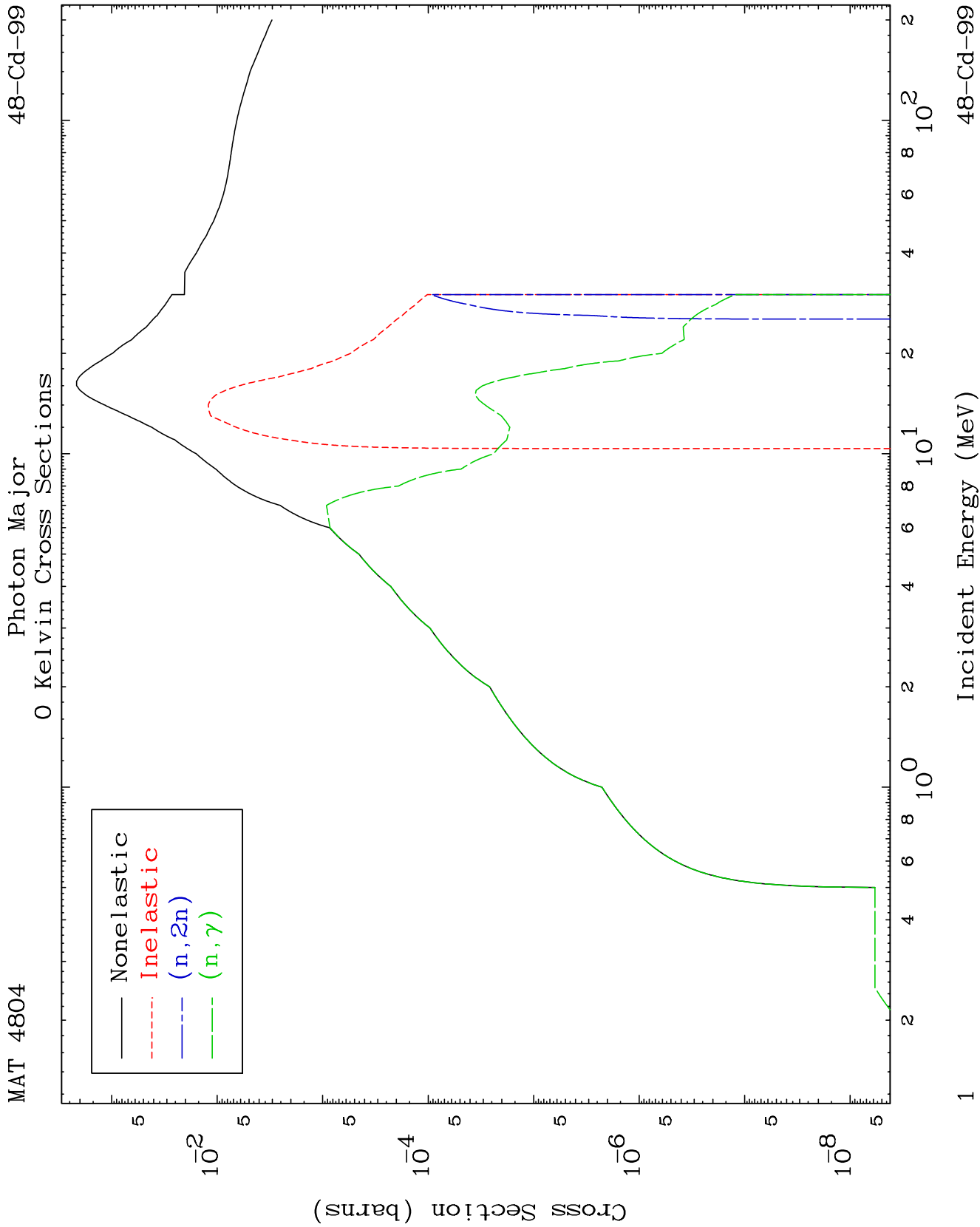
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net
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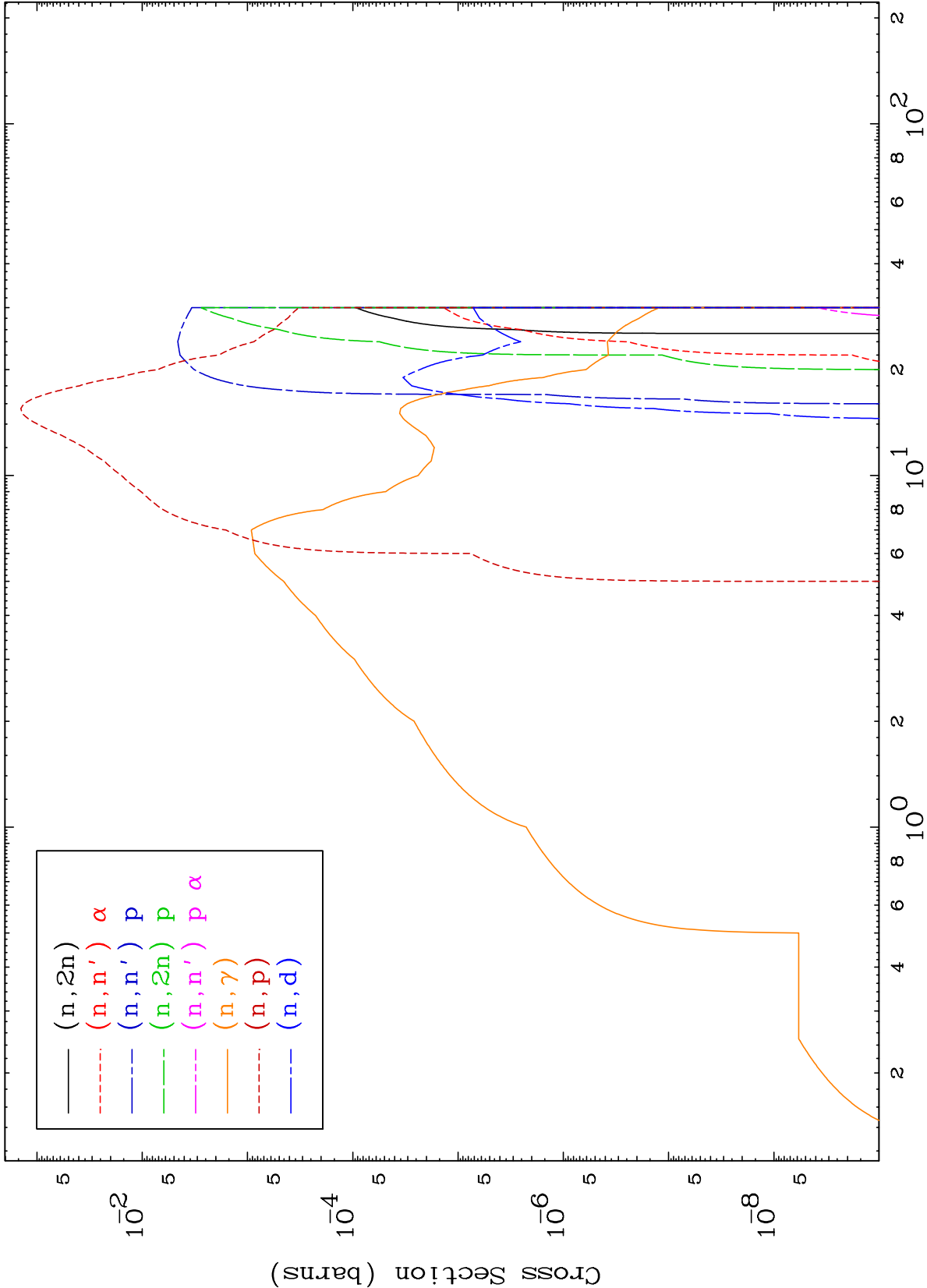
Press Mouse Button to Start



MAT 4804

Photon Neutron Absorption
0 Kelvin Cross Sections

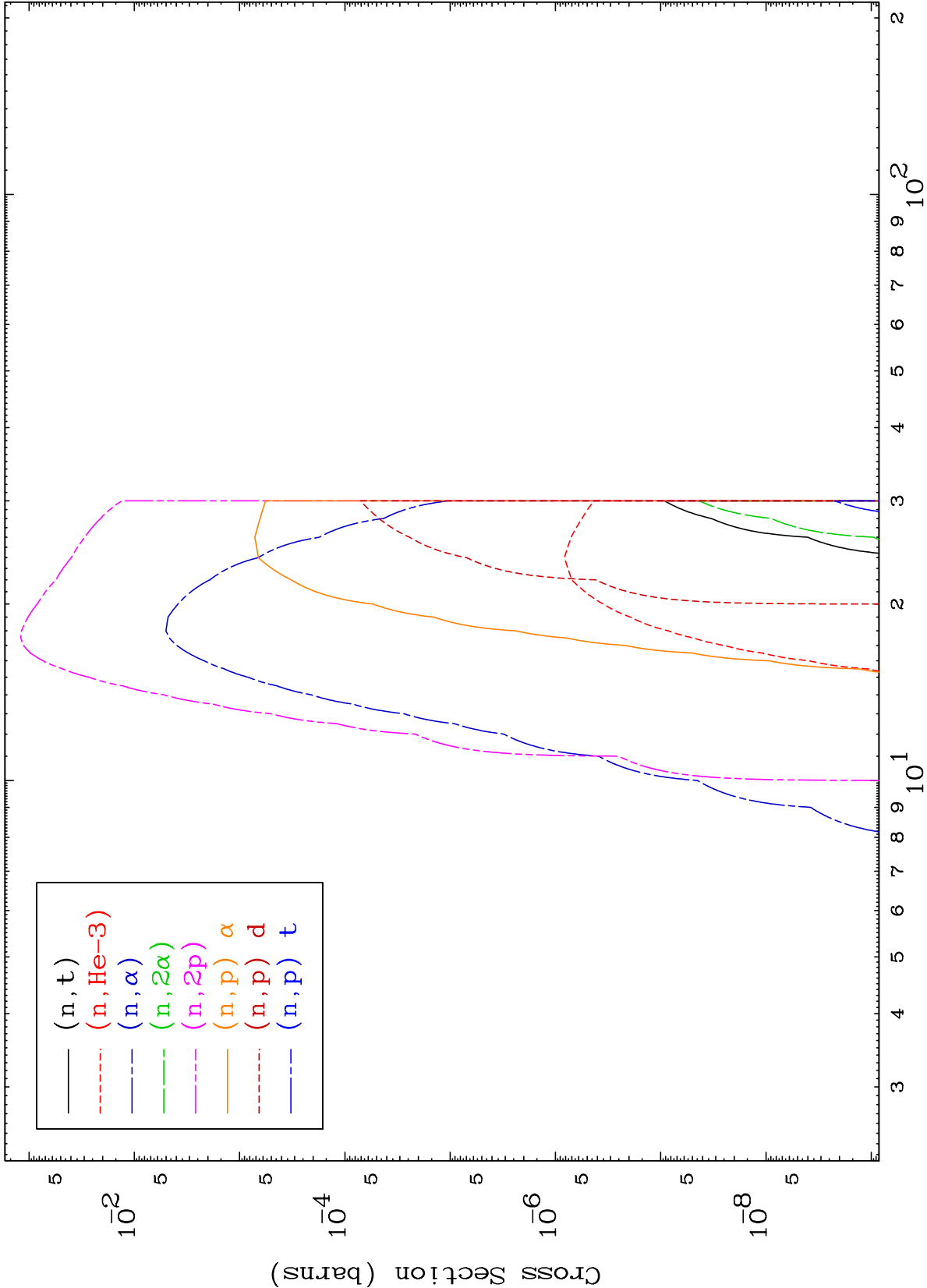
48-Cd-99

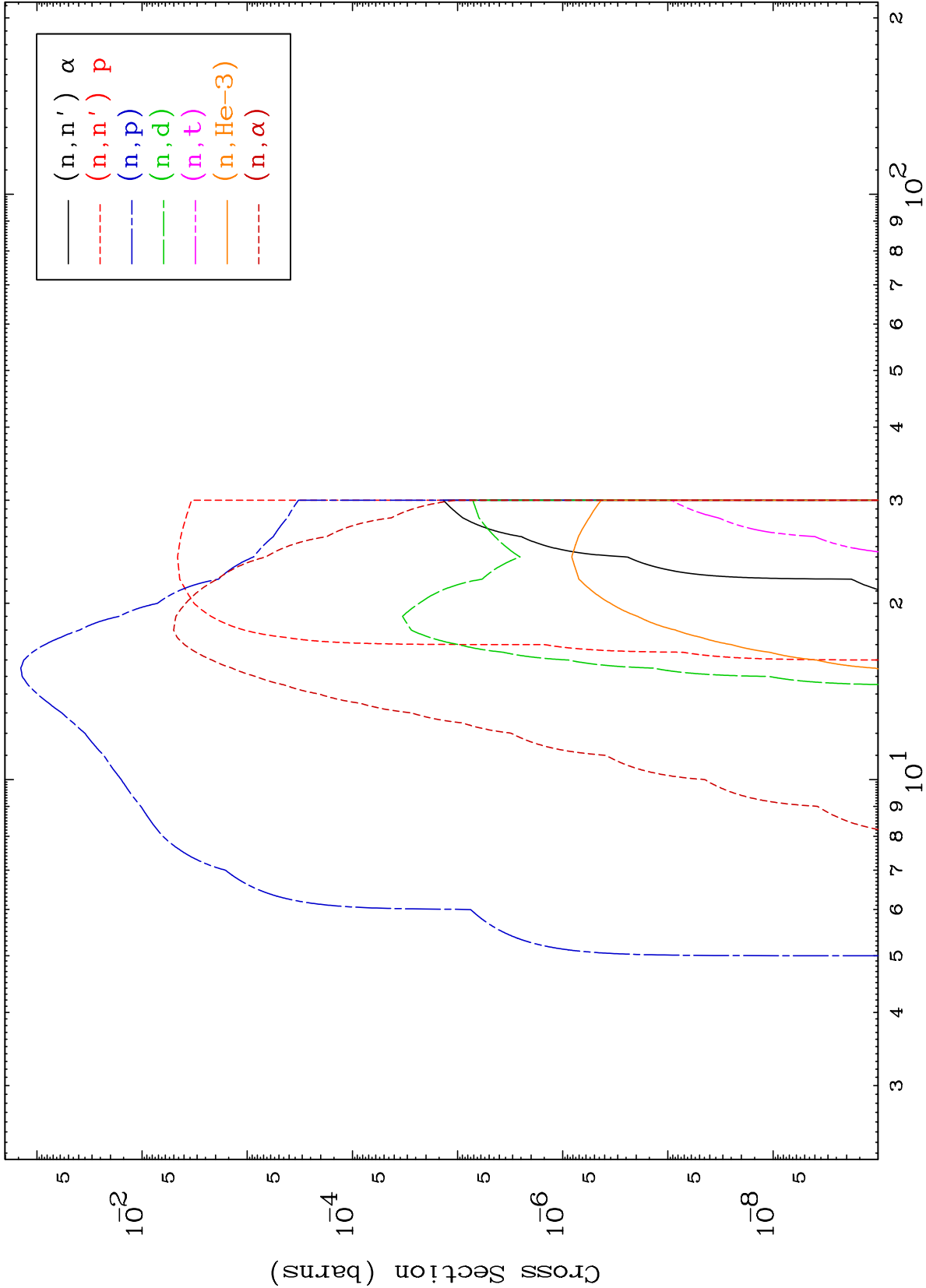


2

Incident Energy (MeV)

48-Cd-99

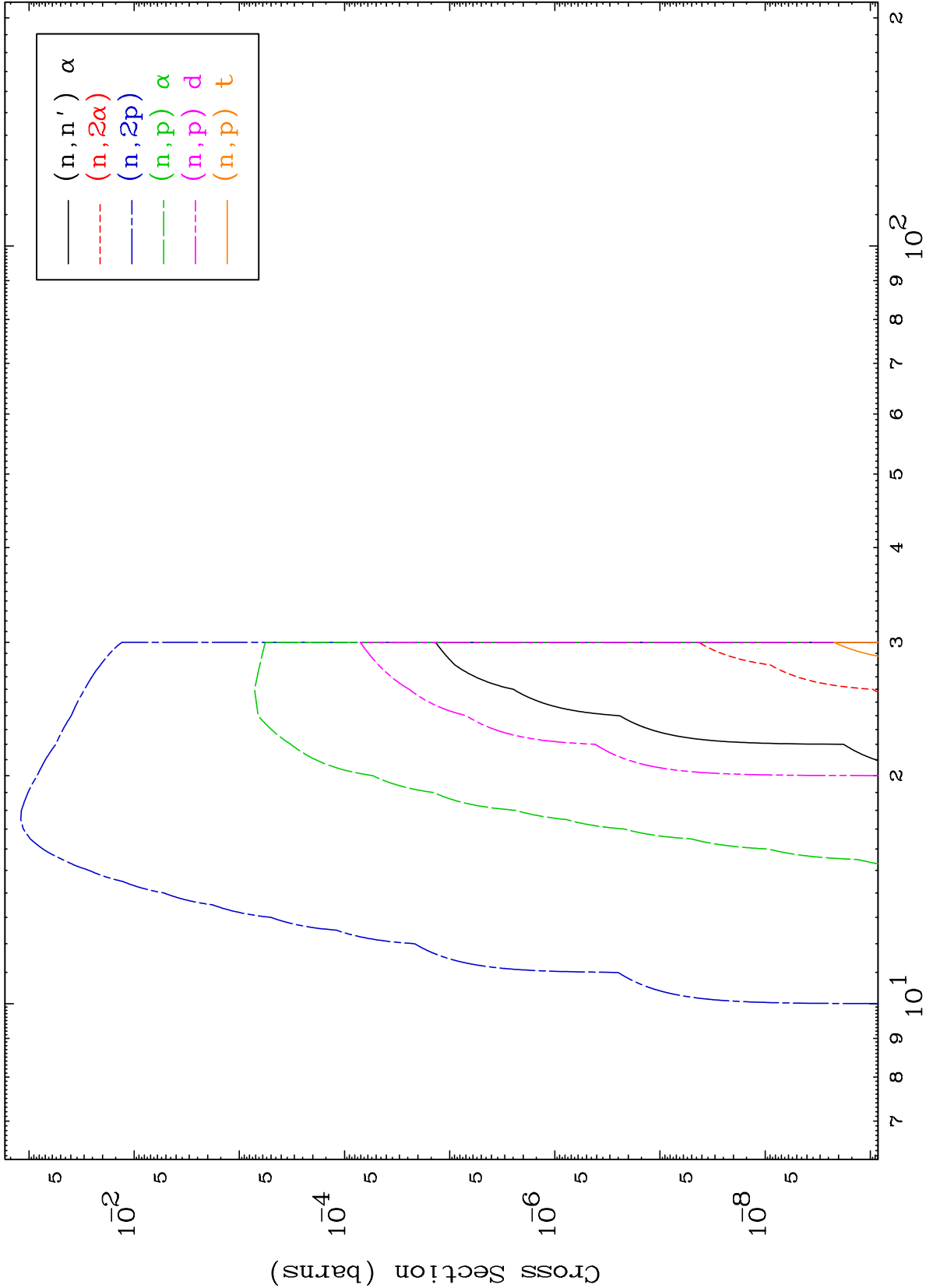




MAT 4804

Photon Charged Particle
0 Kelvin Cross Sections

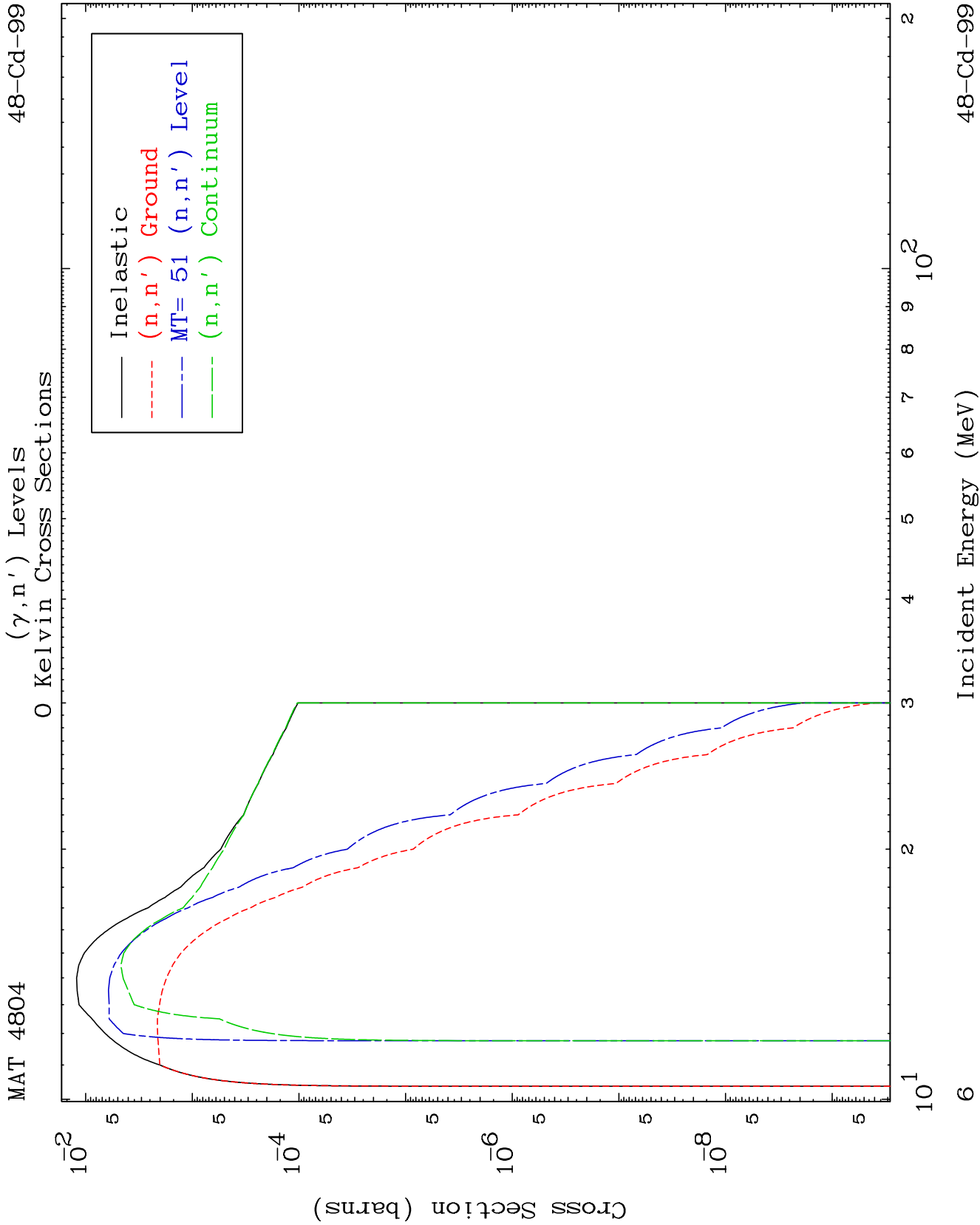
48-Cd-99



5

Incident Energy (MeV)

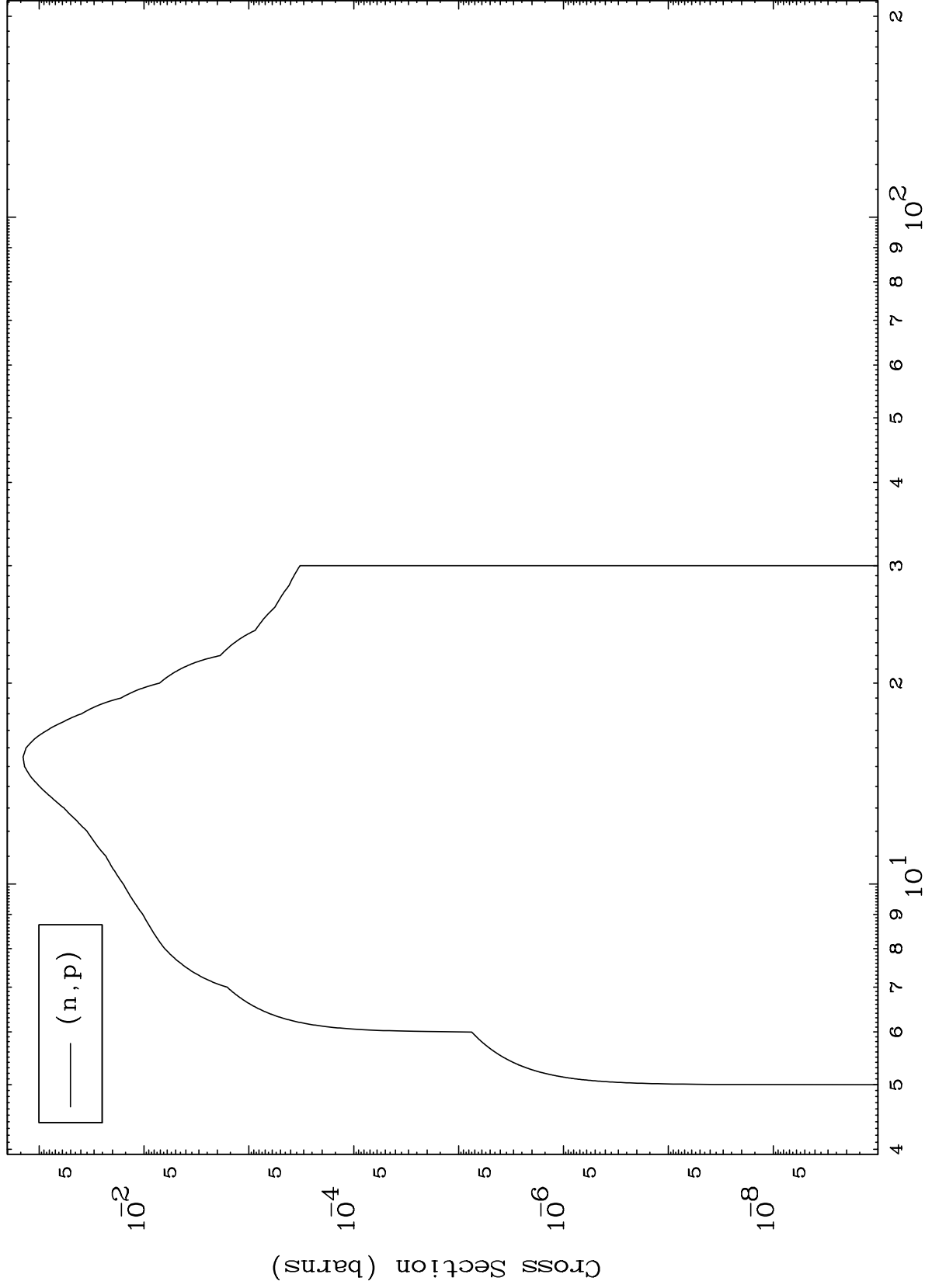
48-Cd-99



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48-Cd-99

(γ, p) Levels
0 Kelvin Cross Sections



48-Cd-99

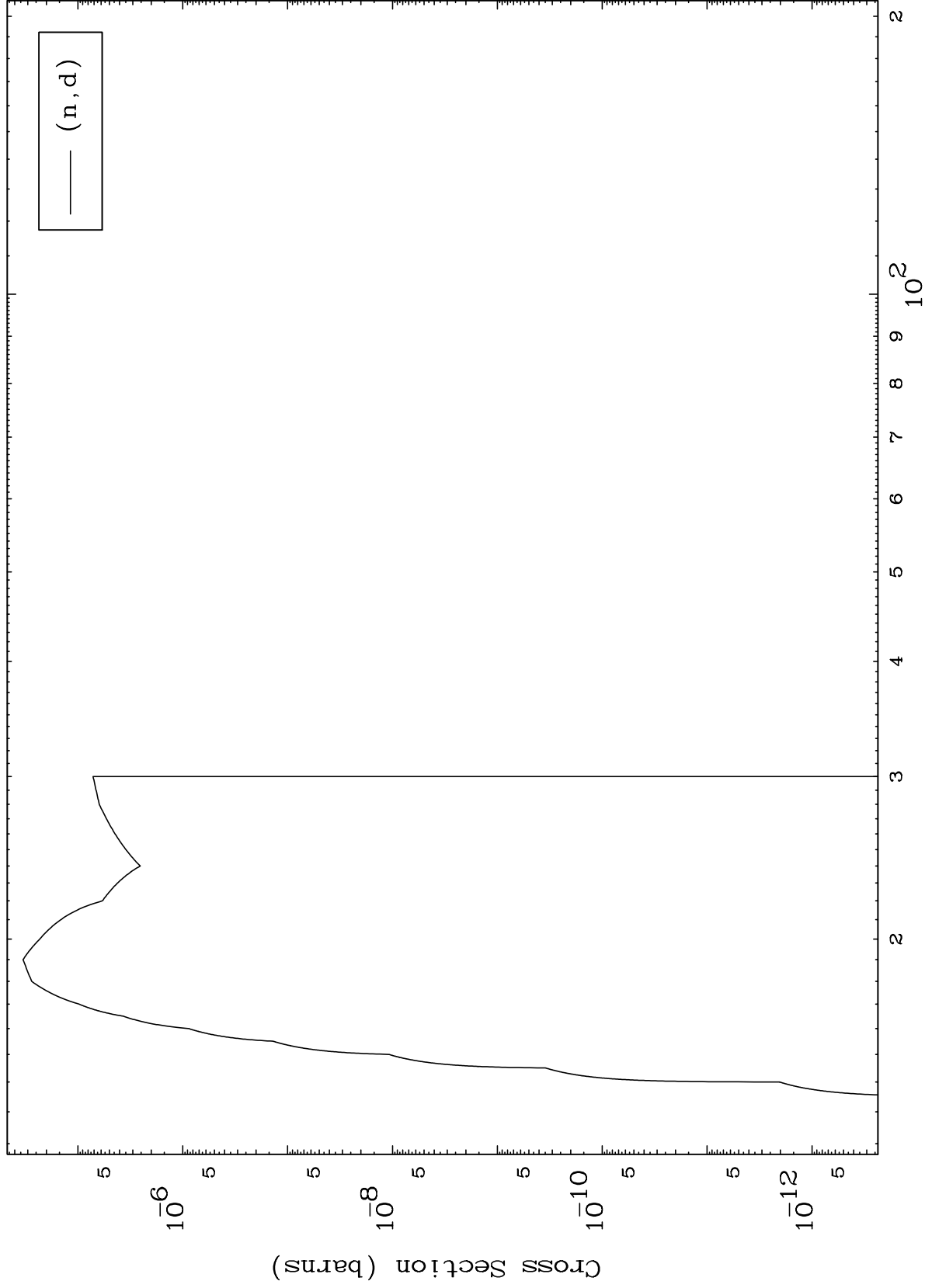
Incident Energy (MeV)

7

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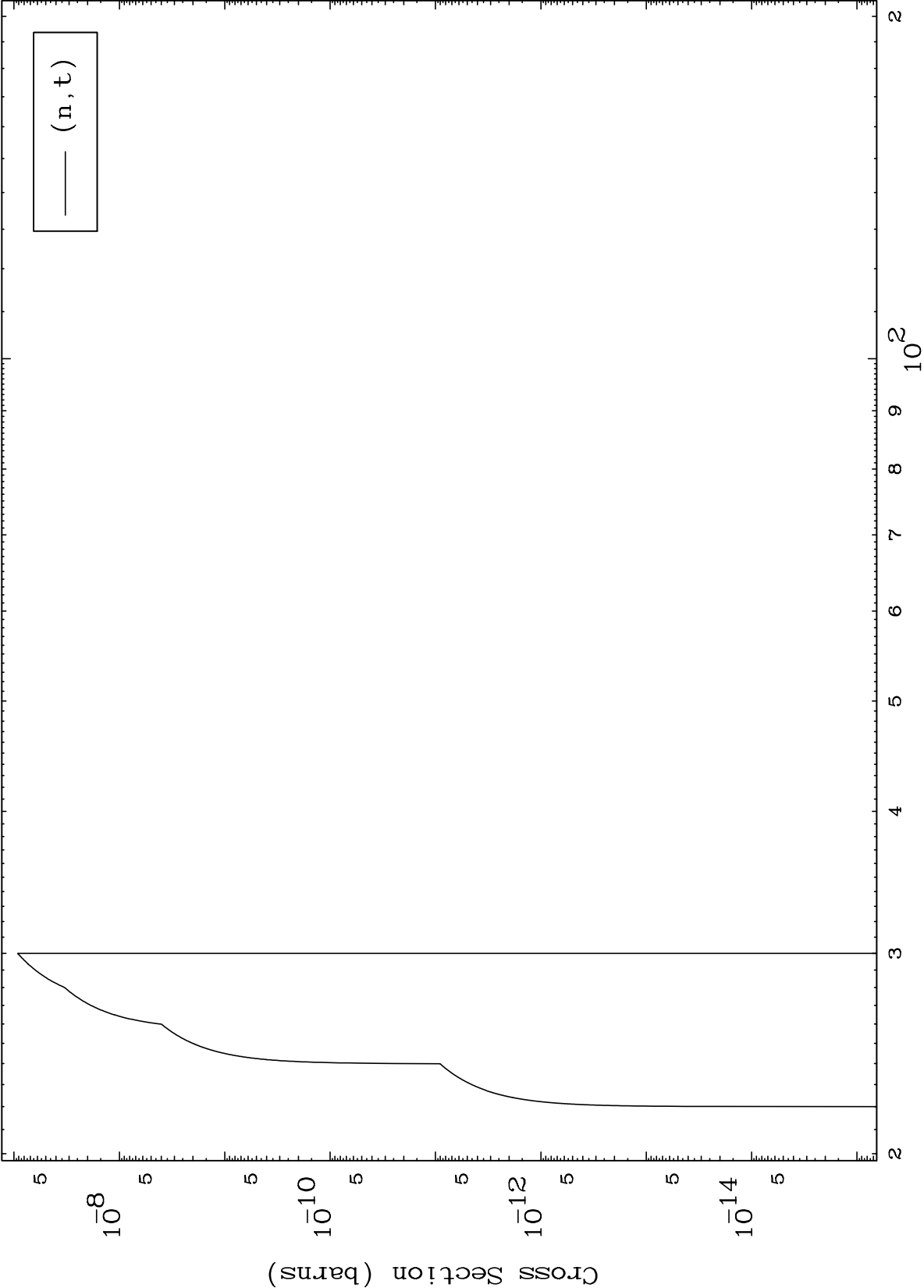
48-Cd-99

(γ, d) Levels
0 Kelvin Cross Sections

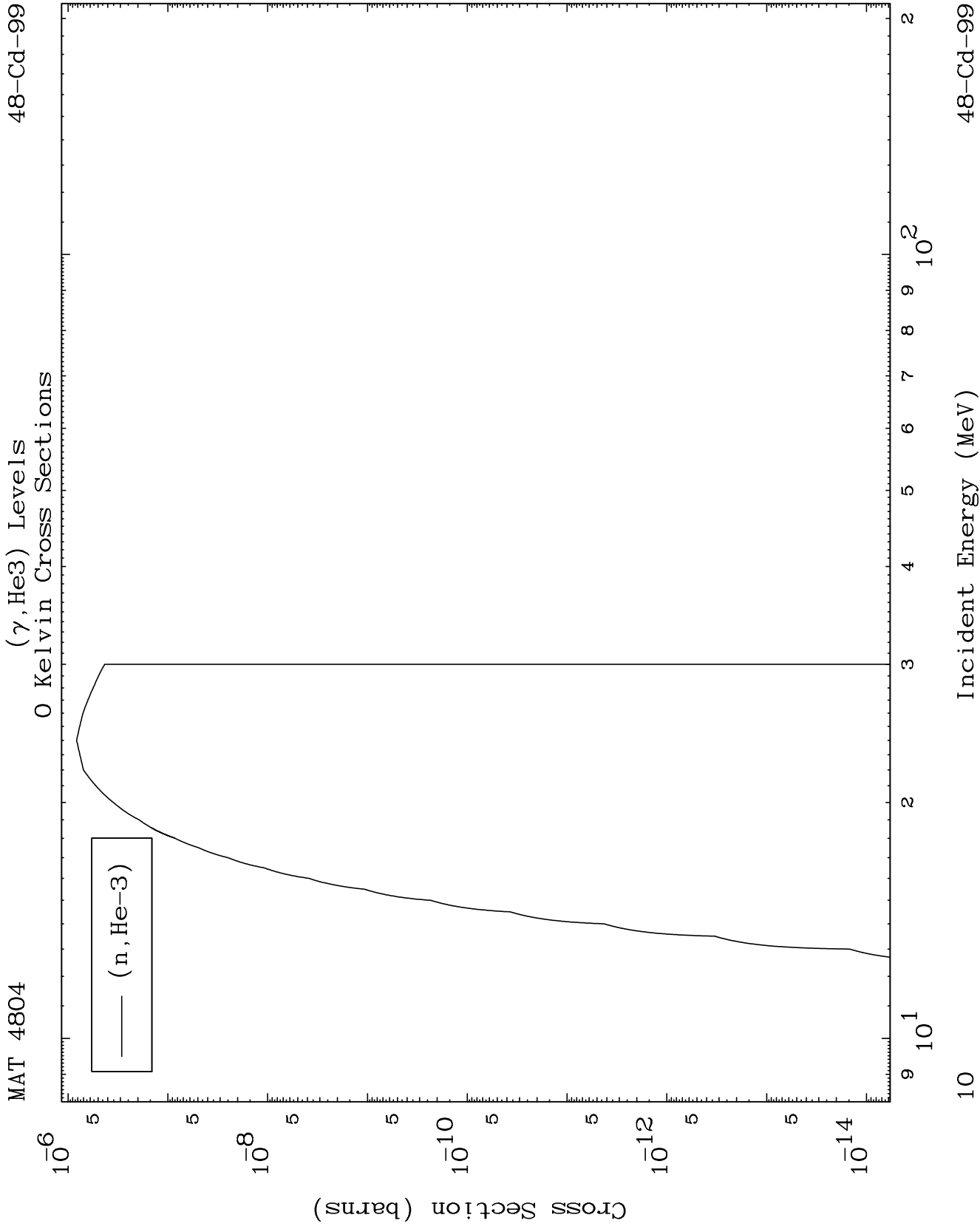


8

48-Cd-99



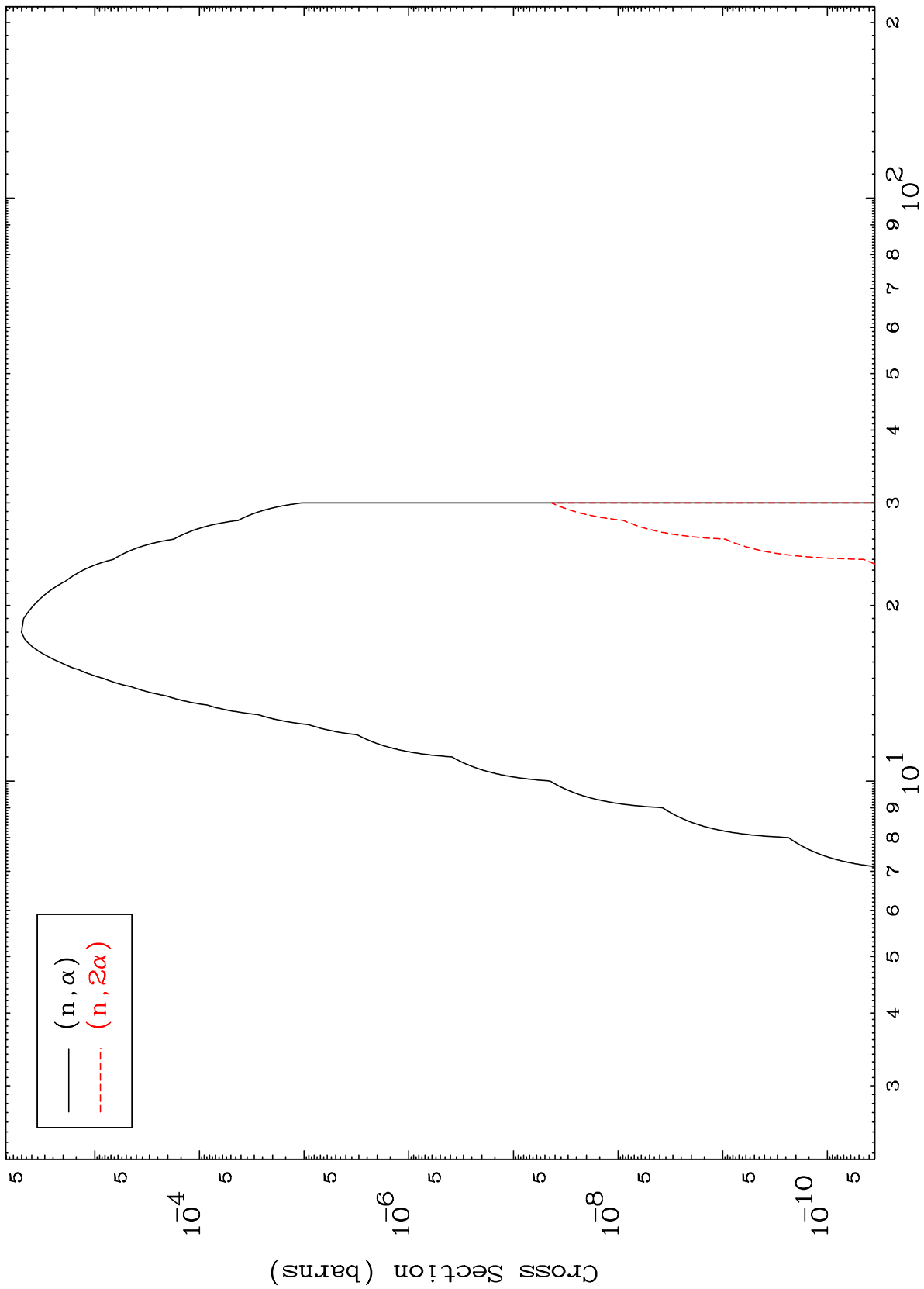
— (n, t)

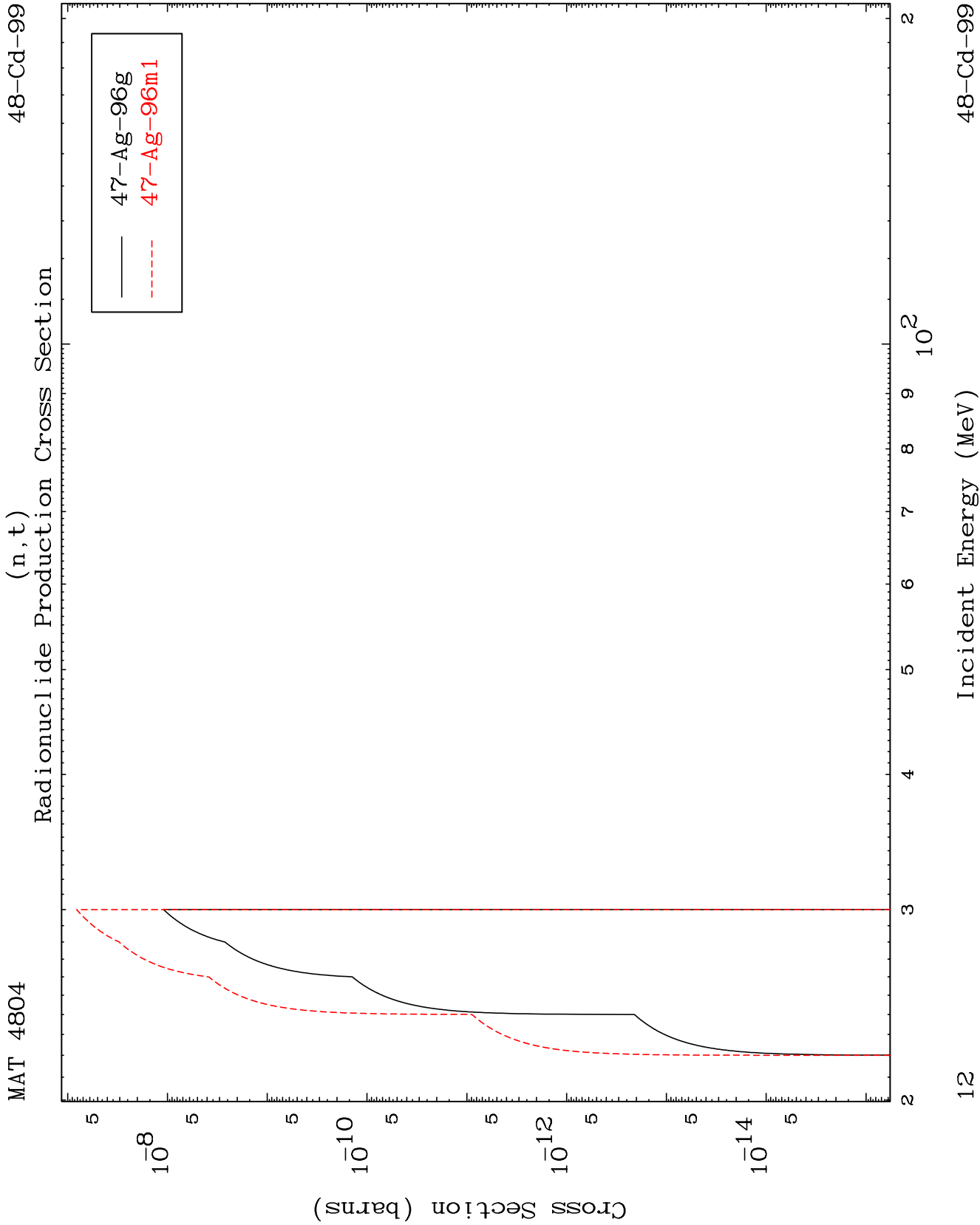


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48-Cd-99

(γ, α) Levels
0 Kelvin Cross Sections

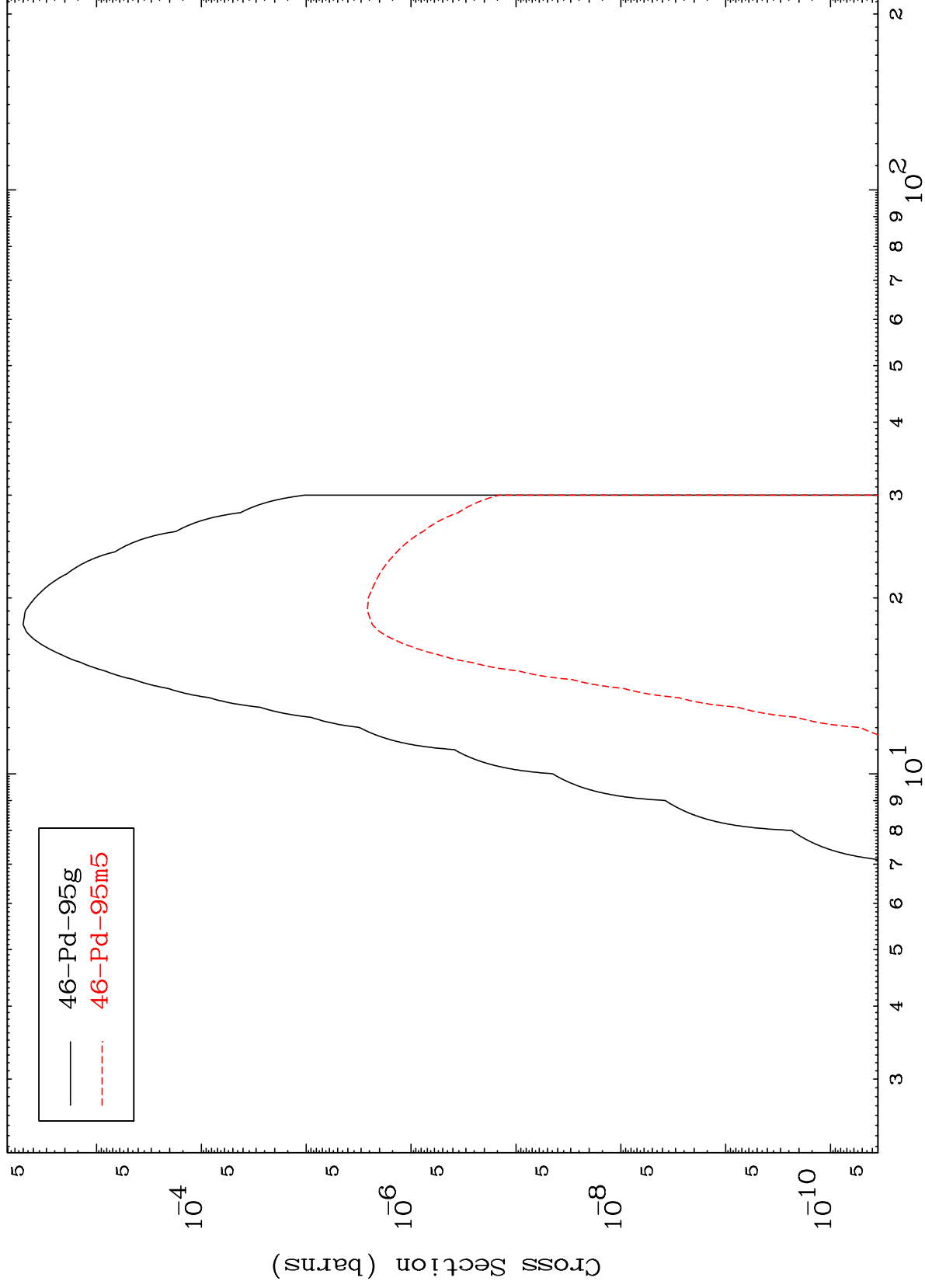




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48-Cd-99

Radionuclide Production Cross Section
(n, α)



13

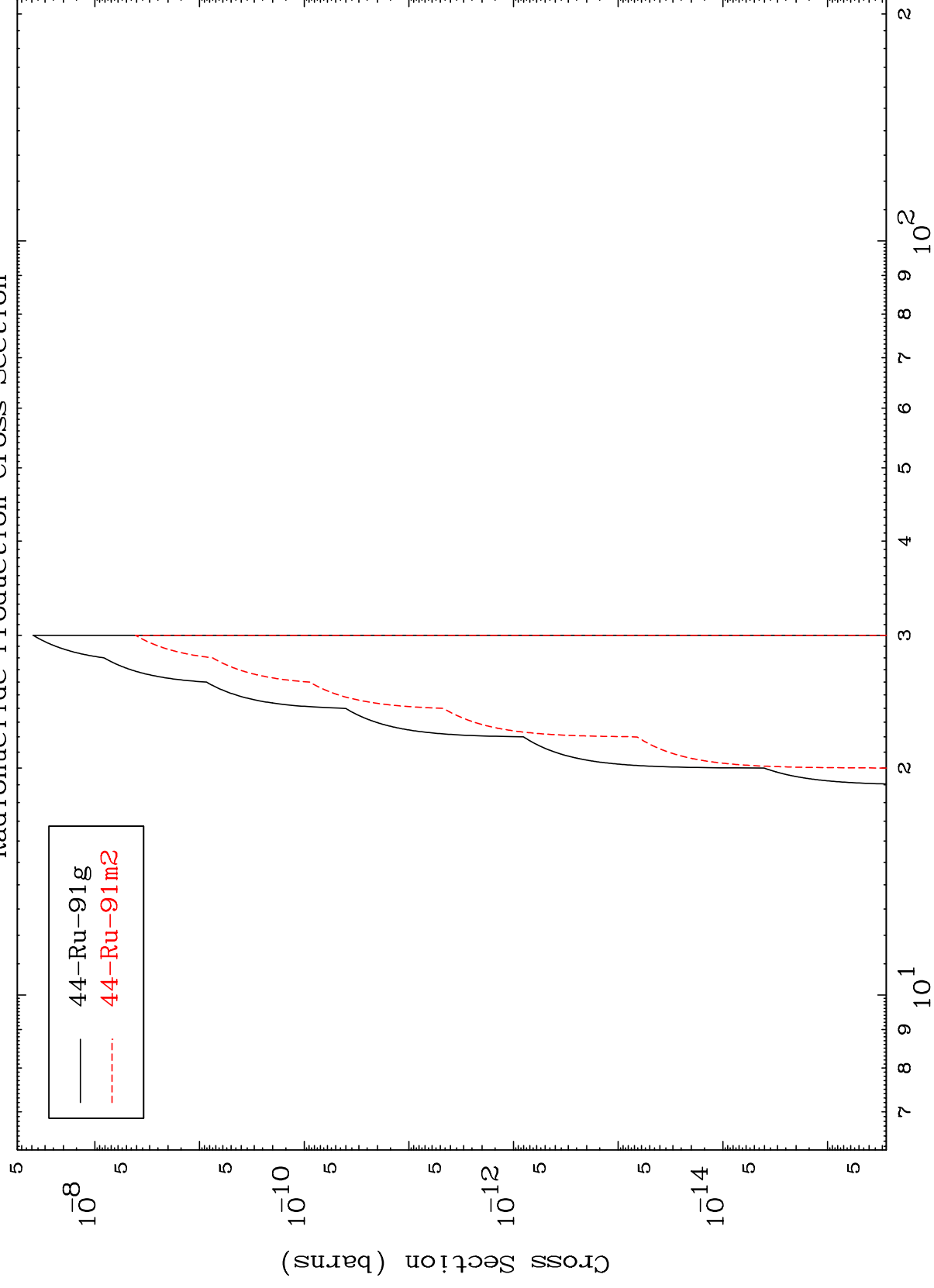
Incident Energy (MeV)

48-Cd-99

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48-Cd-99

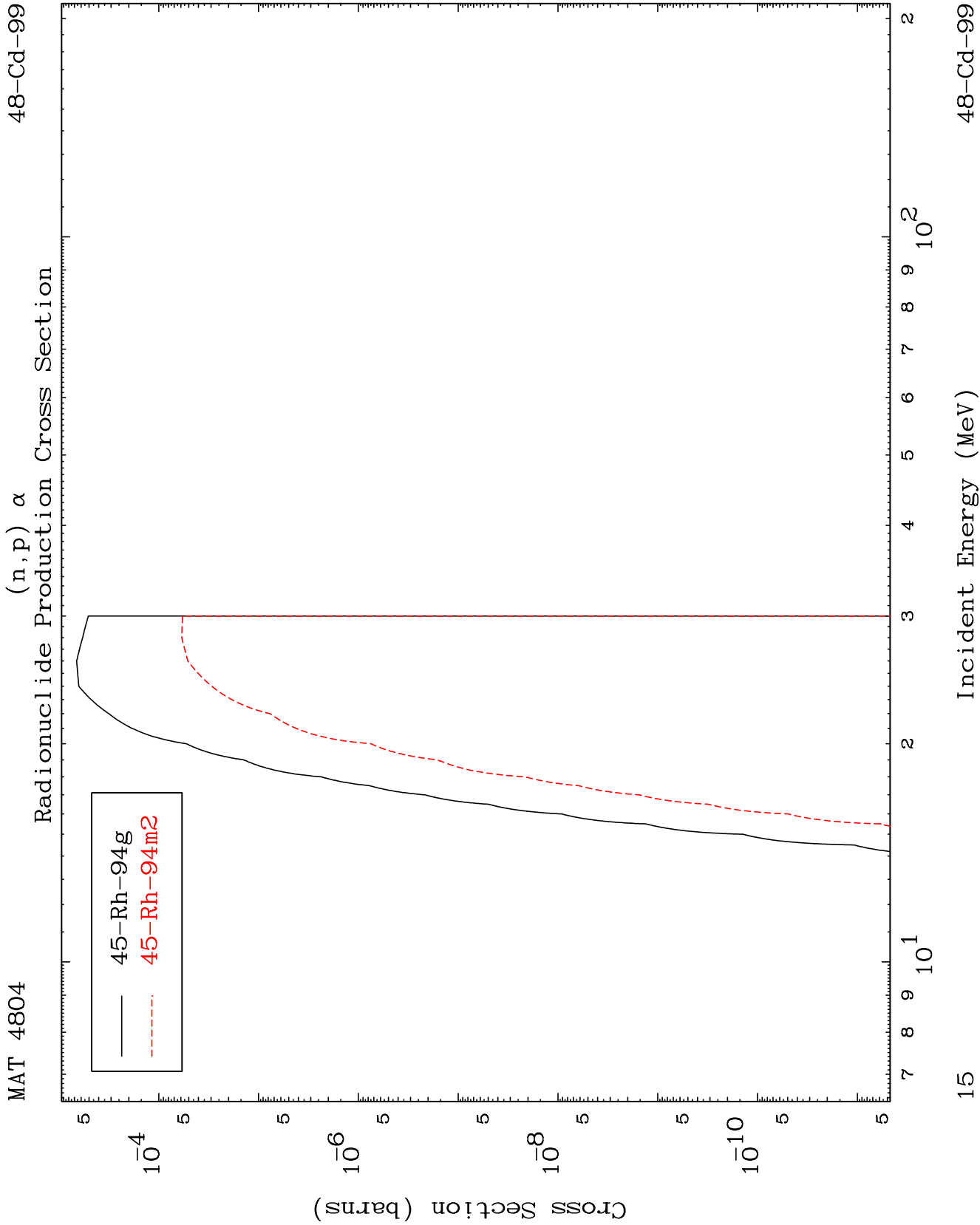
$(n, 2\alpha)$
Radionuclide Production Cross Section

 $(n, 2\alpha)$ 

14

Incident Energy (MeV)

48-Cd-99

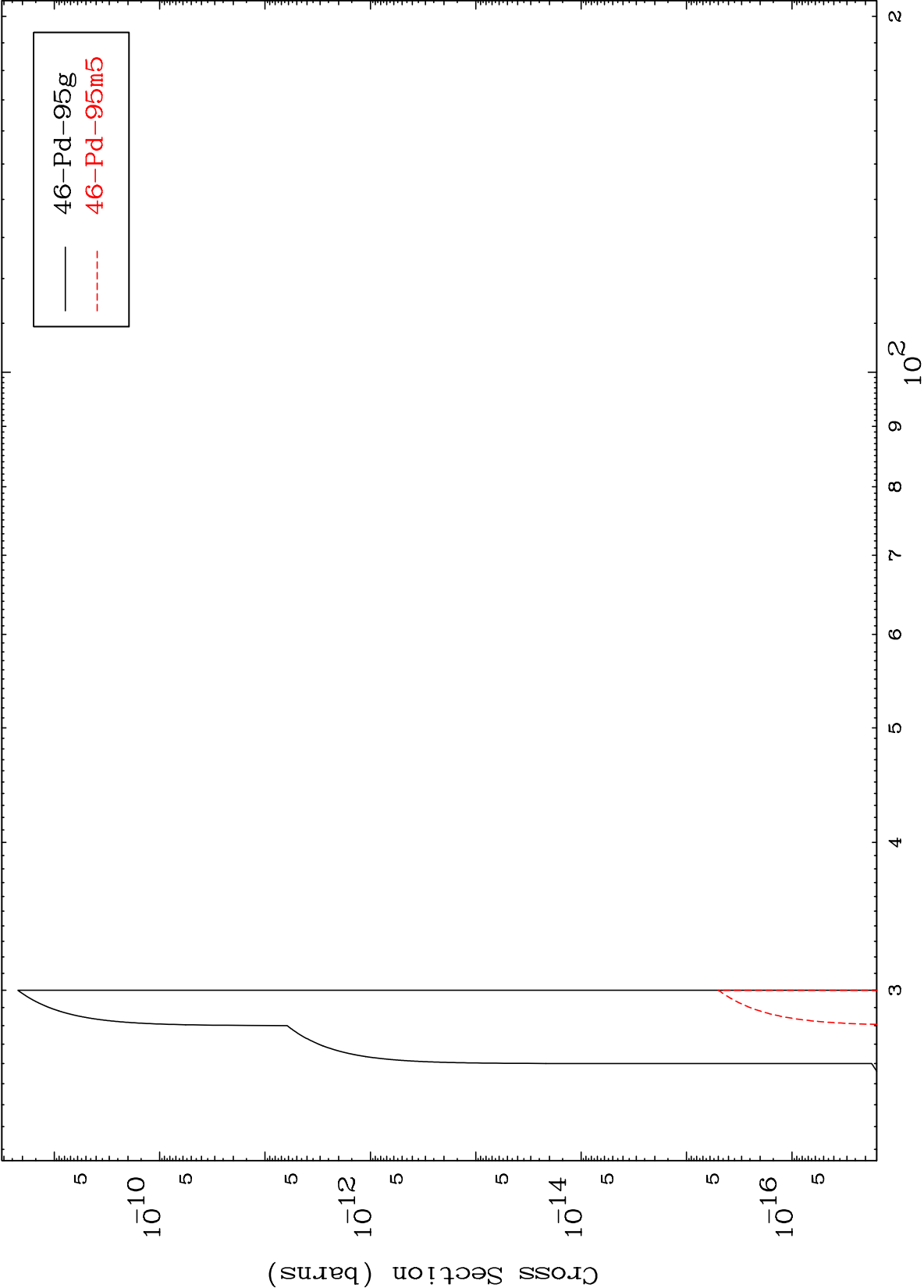


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(n,p) t

48-Cd-99

Radionuclide Production Cross Section



16

Incident Energy (MeV)

48-Cd-99