

Program EVALPLOT
(Version 2021-1)

by

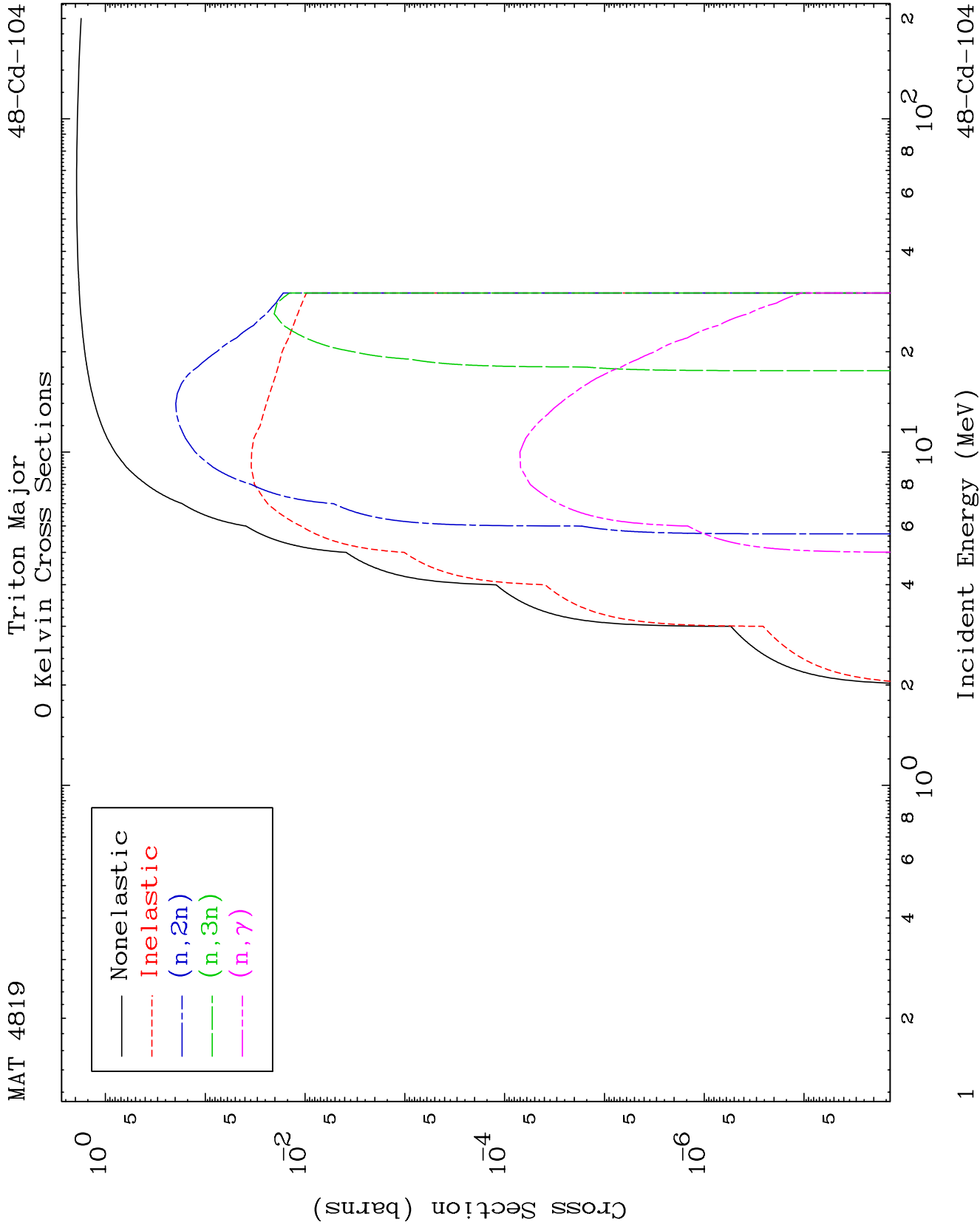
Dermott E. Cullen
(Present Contact Information)

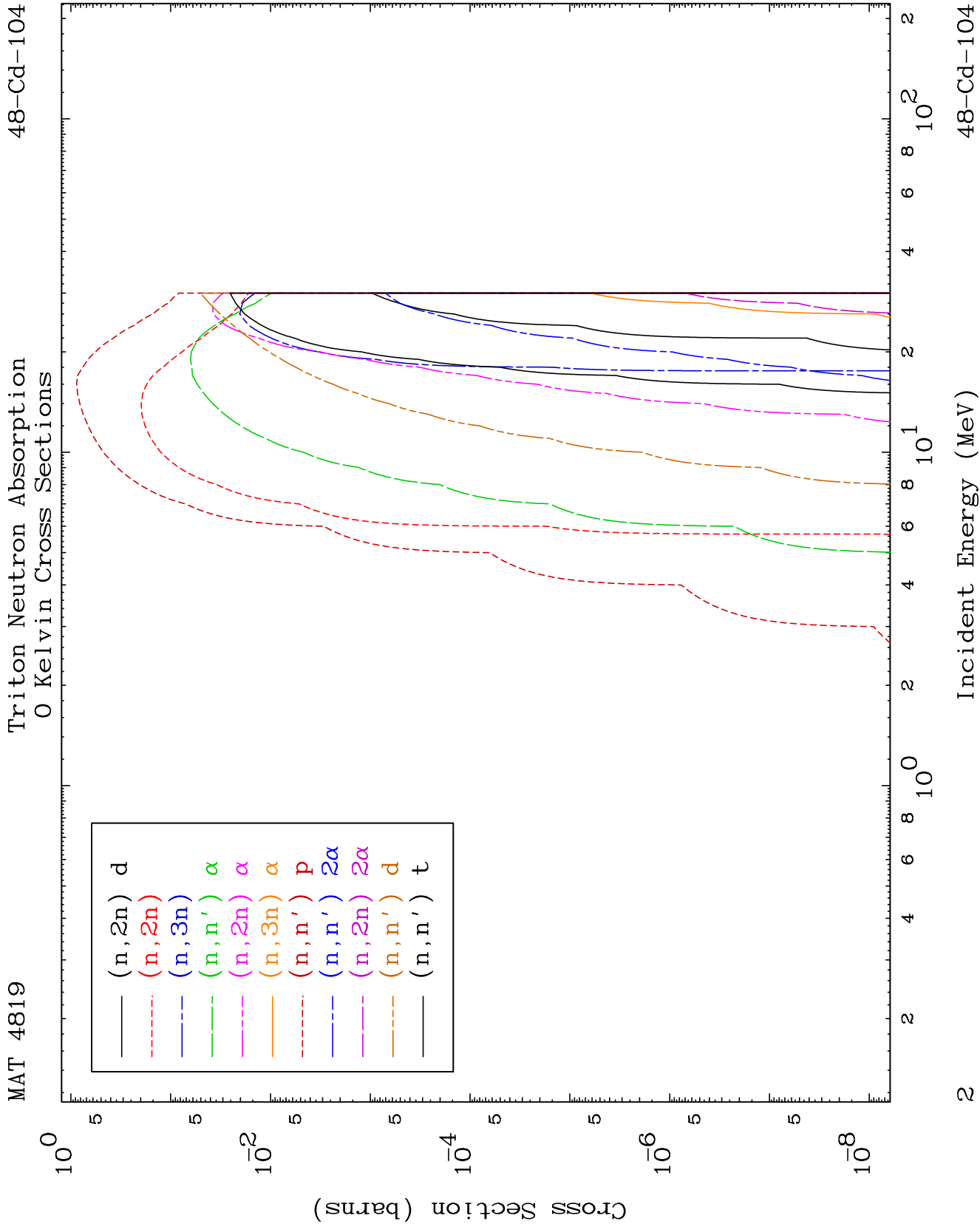
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

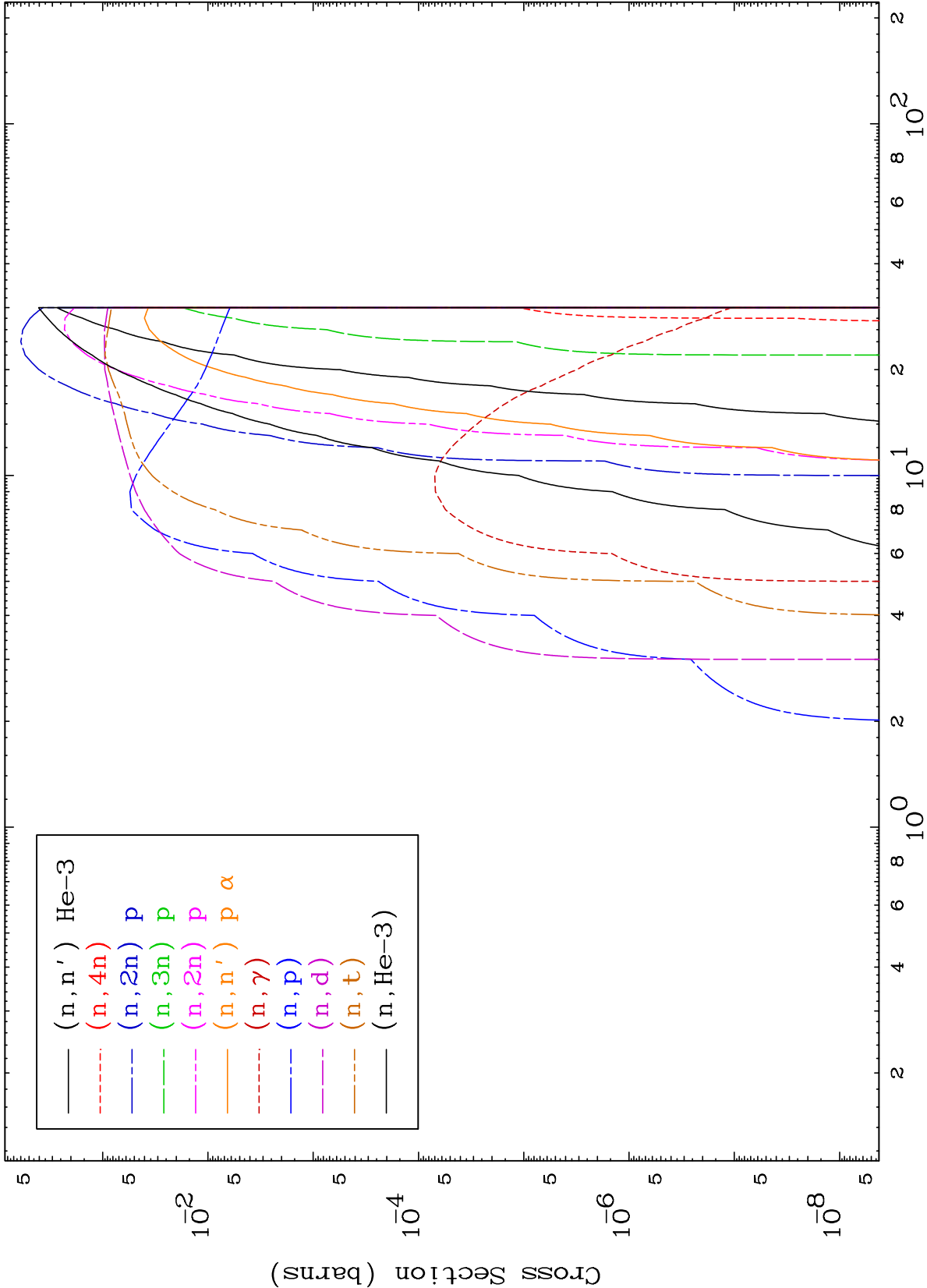
Tele: 925-443-1911

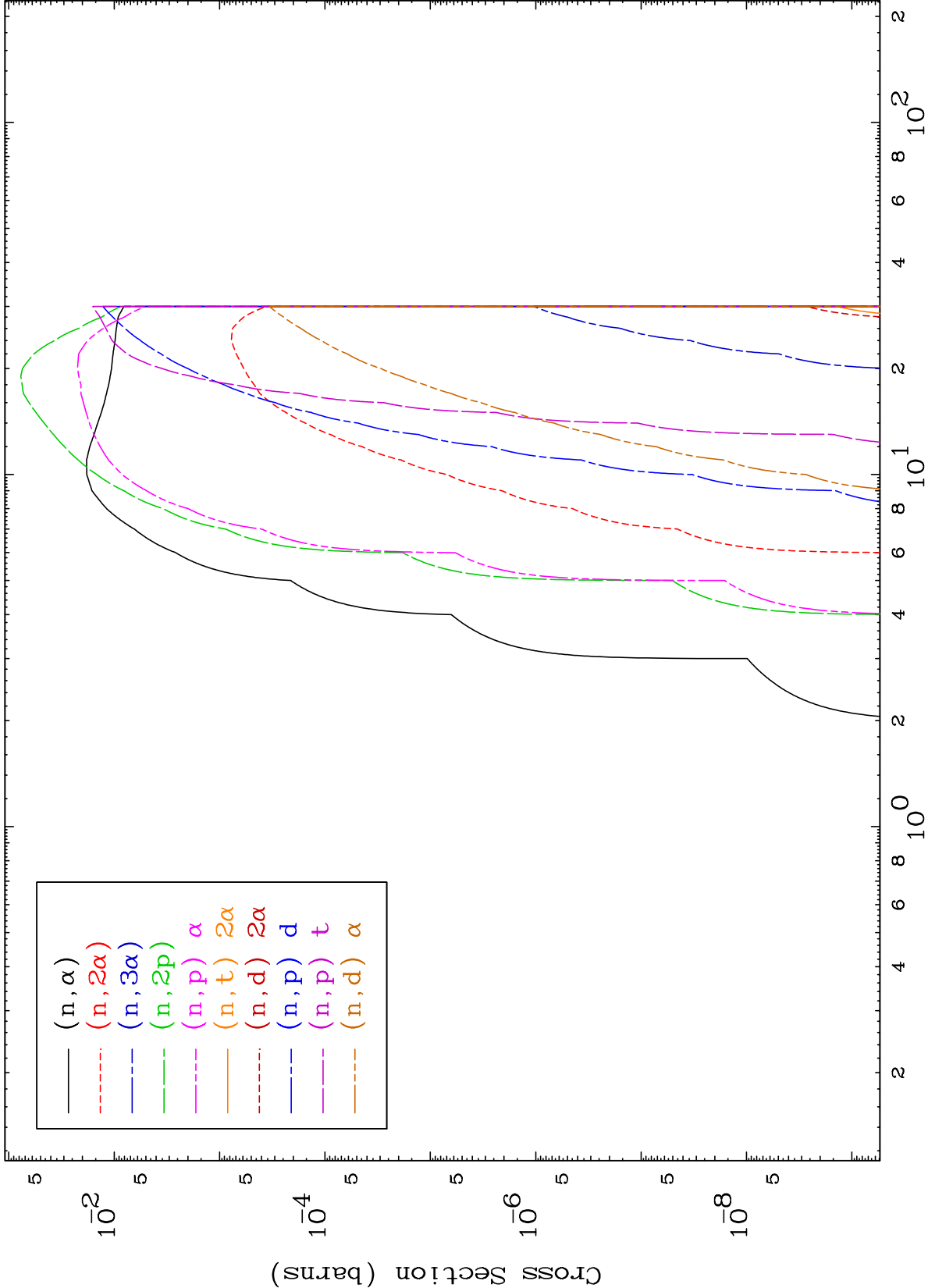
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

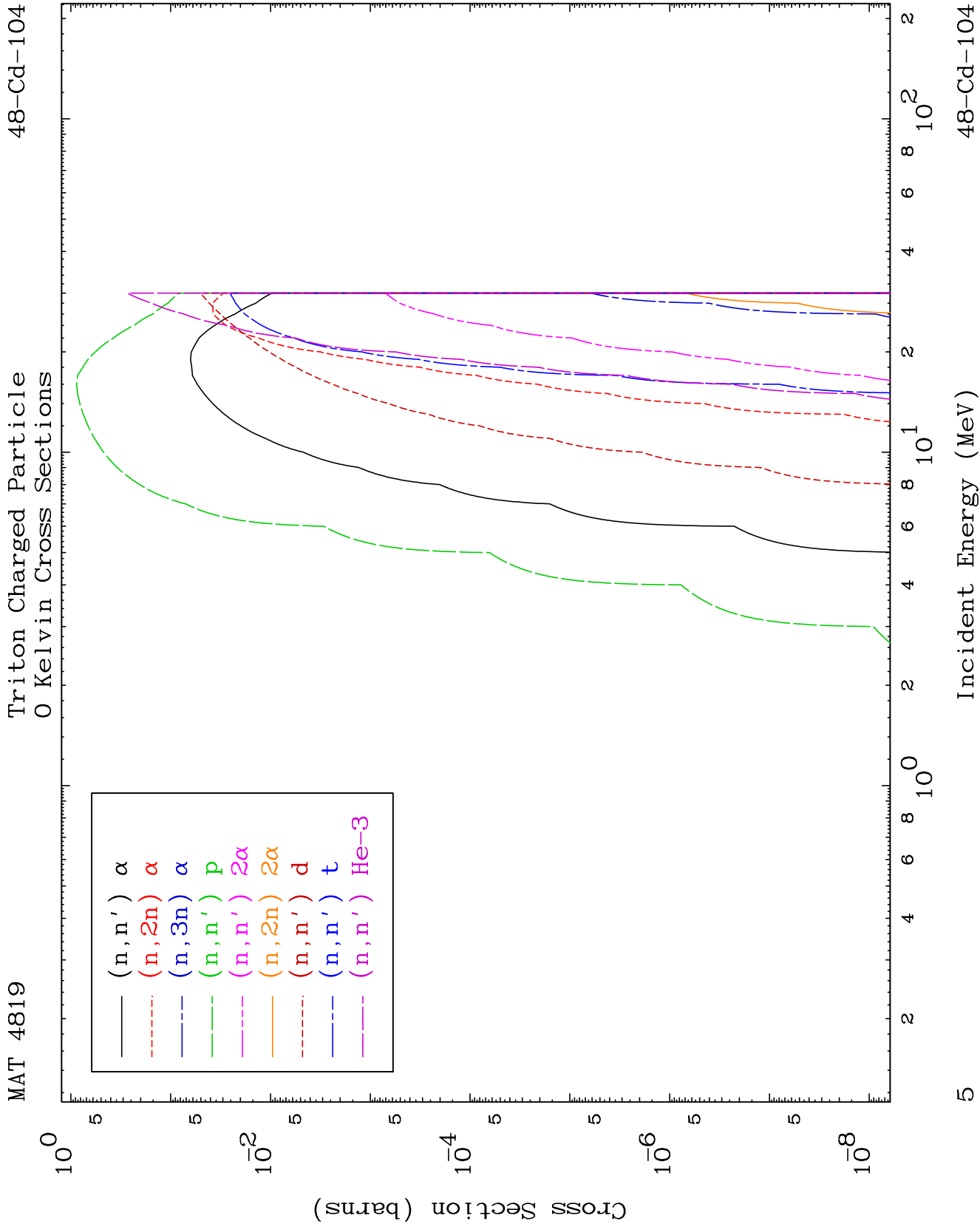
Press Mouse Button to Start







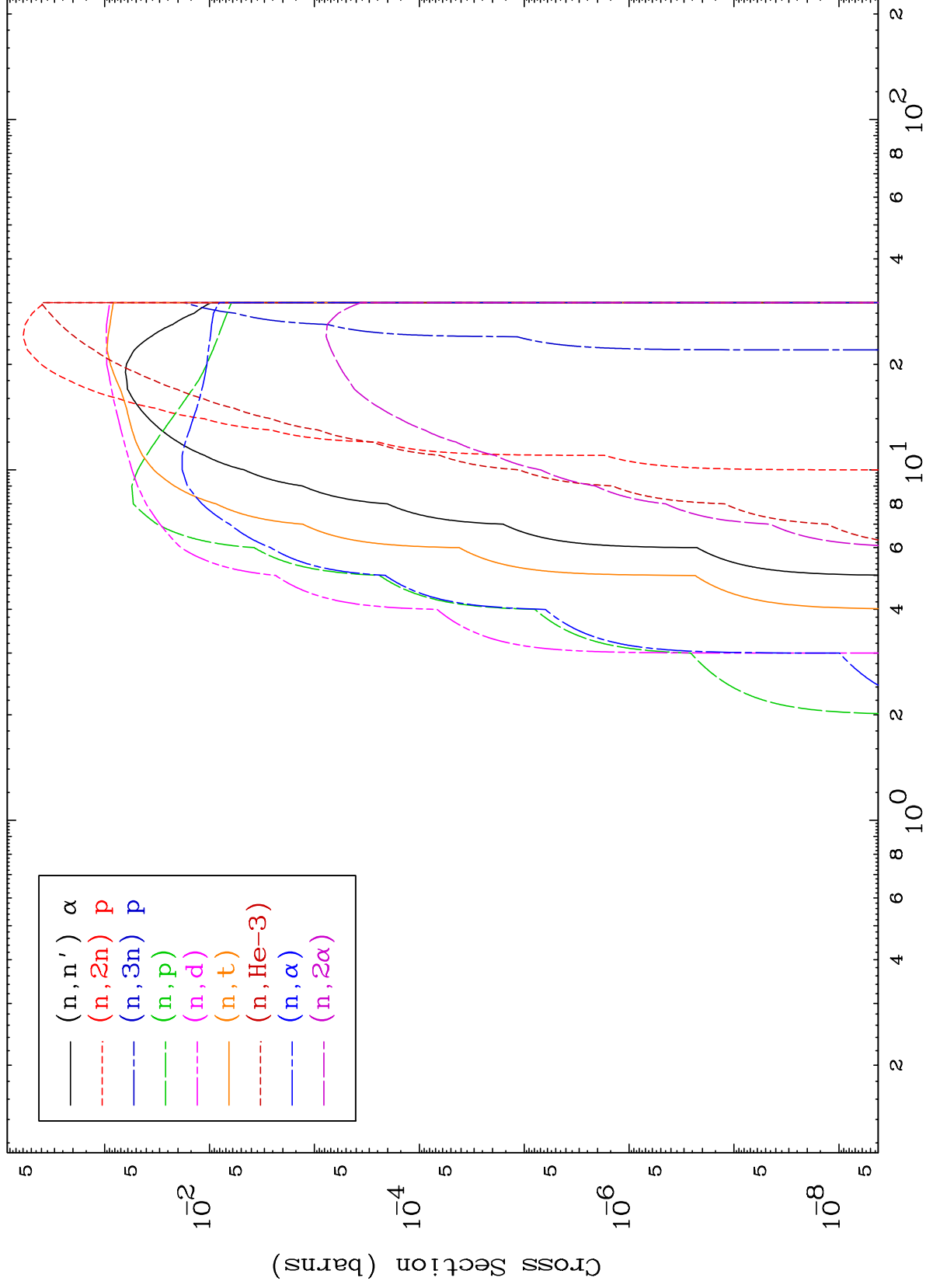




MAT 4819

Triton Charged Particle
0 Kelvin Cross Sections

48-Cd-104



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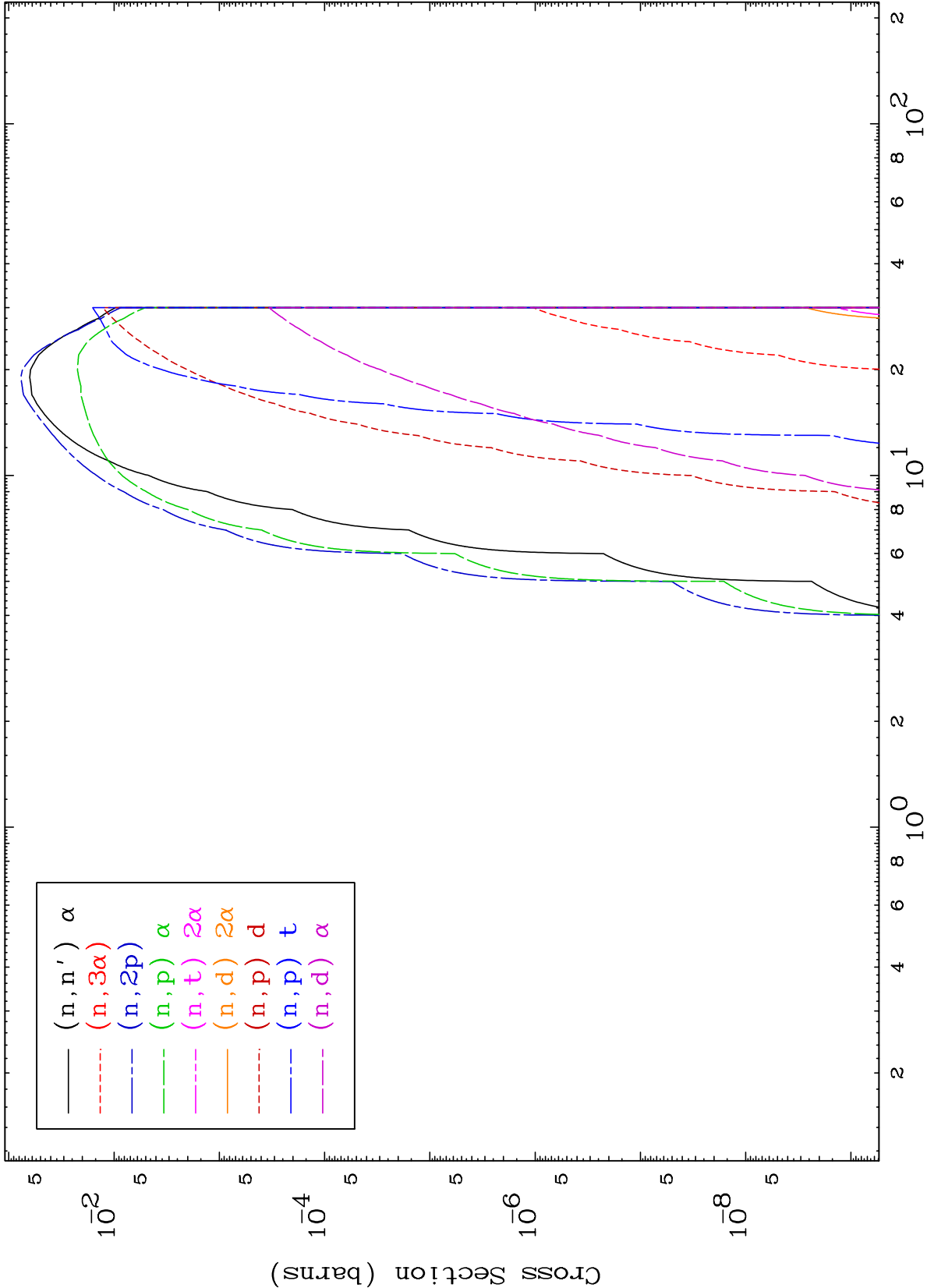
Incident Energy (MeV)

48-Cd-104

MAT 4819

Triton Charged Particle
0 Kelvin Cross Sections

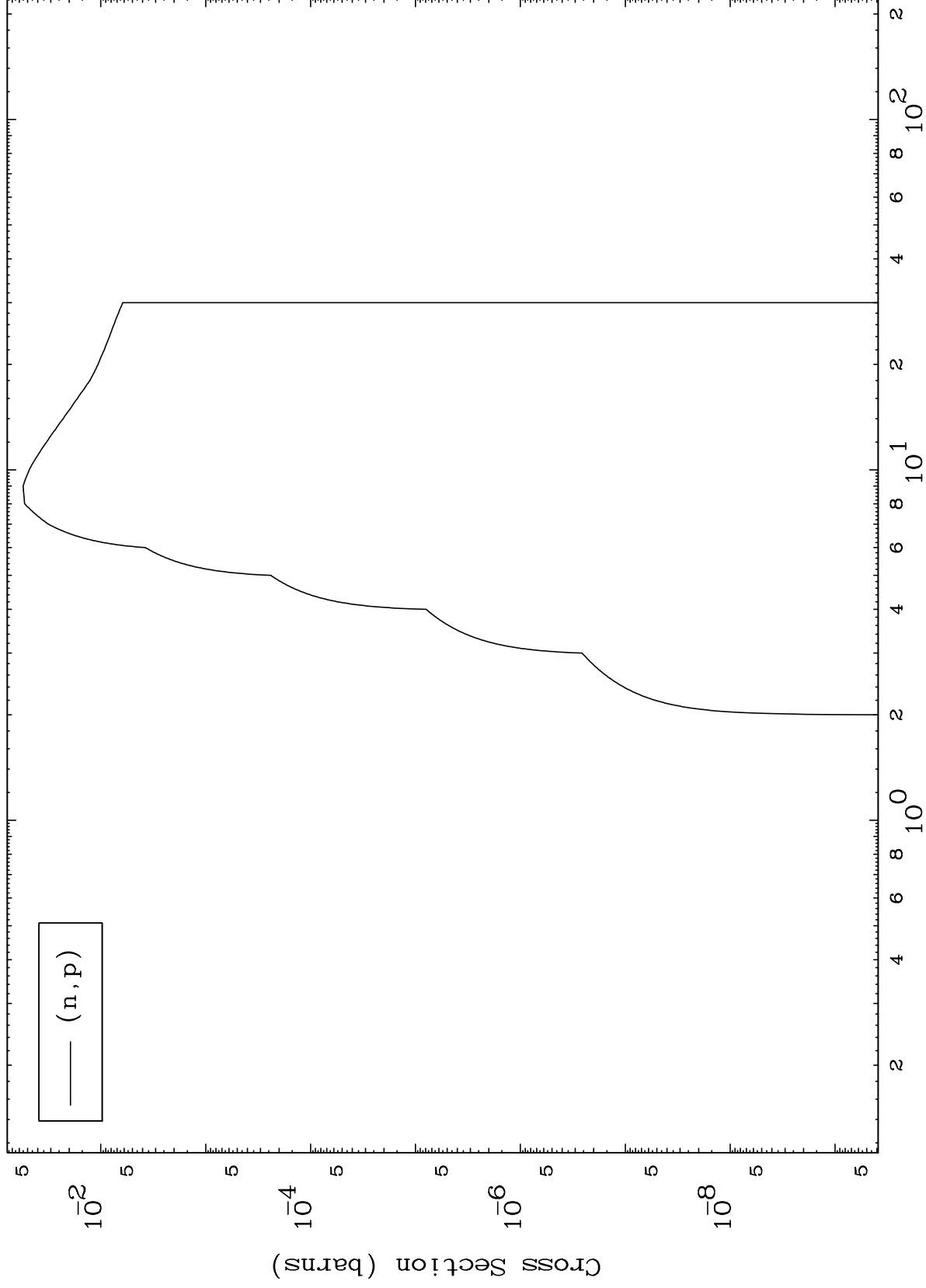
48-Cd-104



MAT 4819

48-Cd-104

(t,p) Levels
0 Kelvin Cross Sections



48-Cd-104

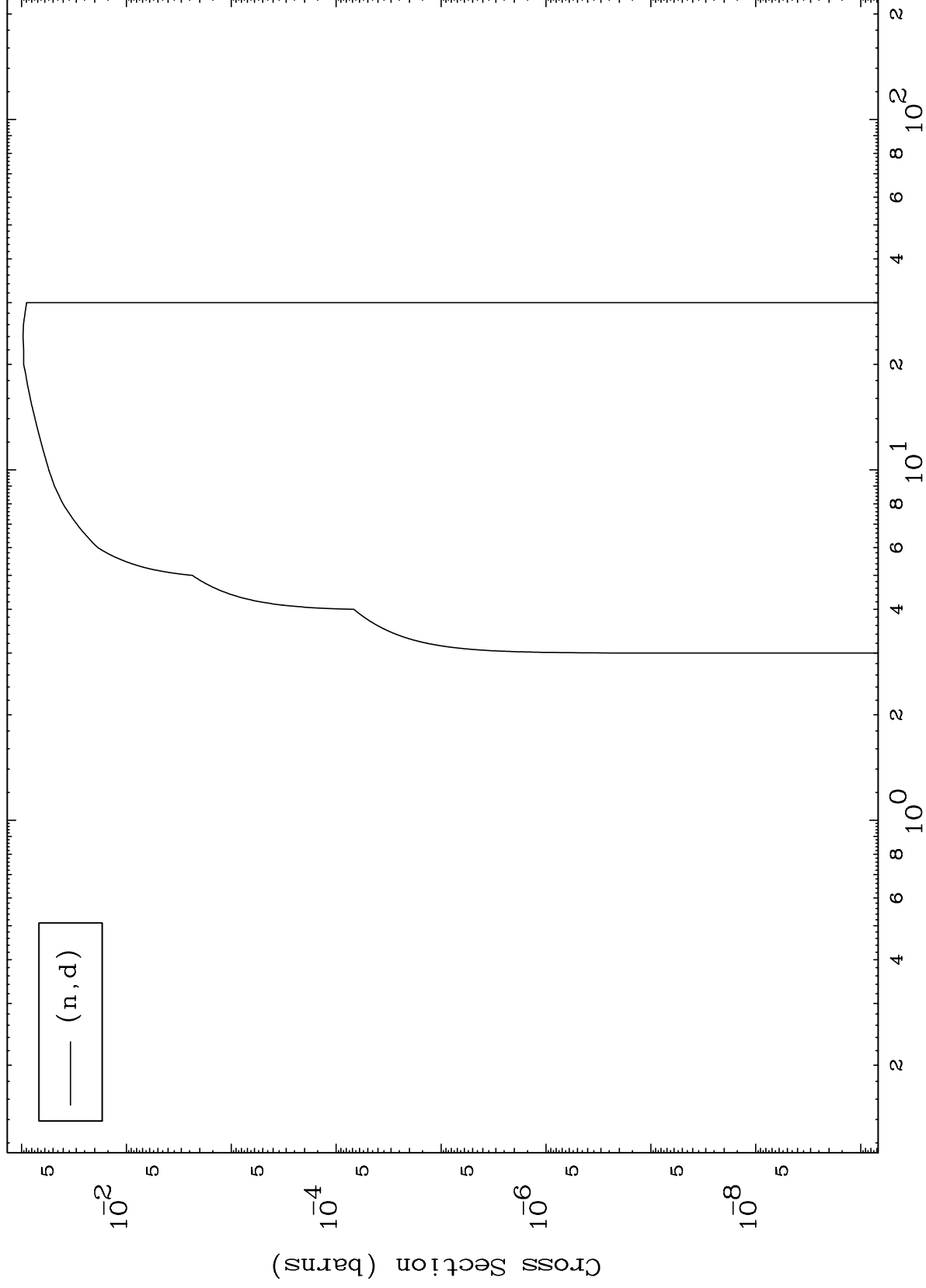
Incident Energy (MeV)

8

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48-Cd-104

(t,d) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

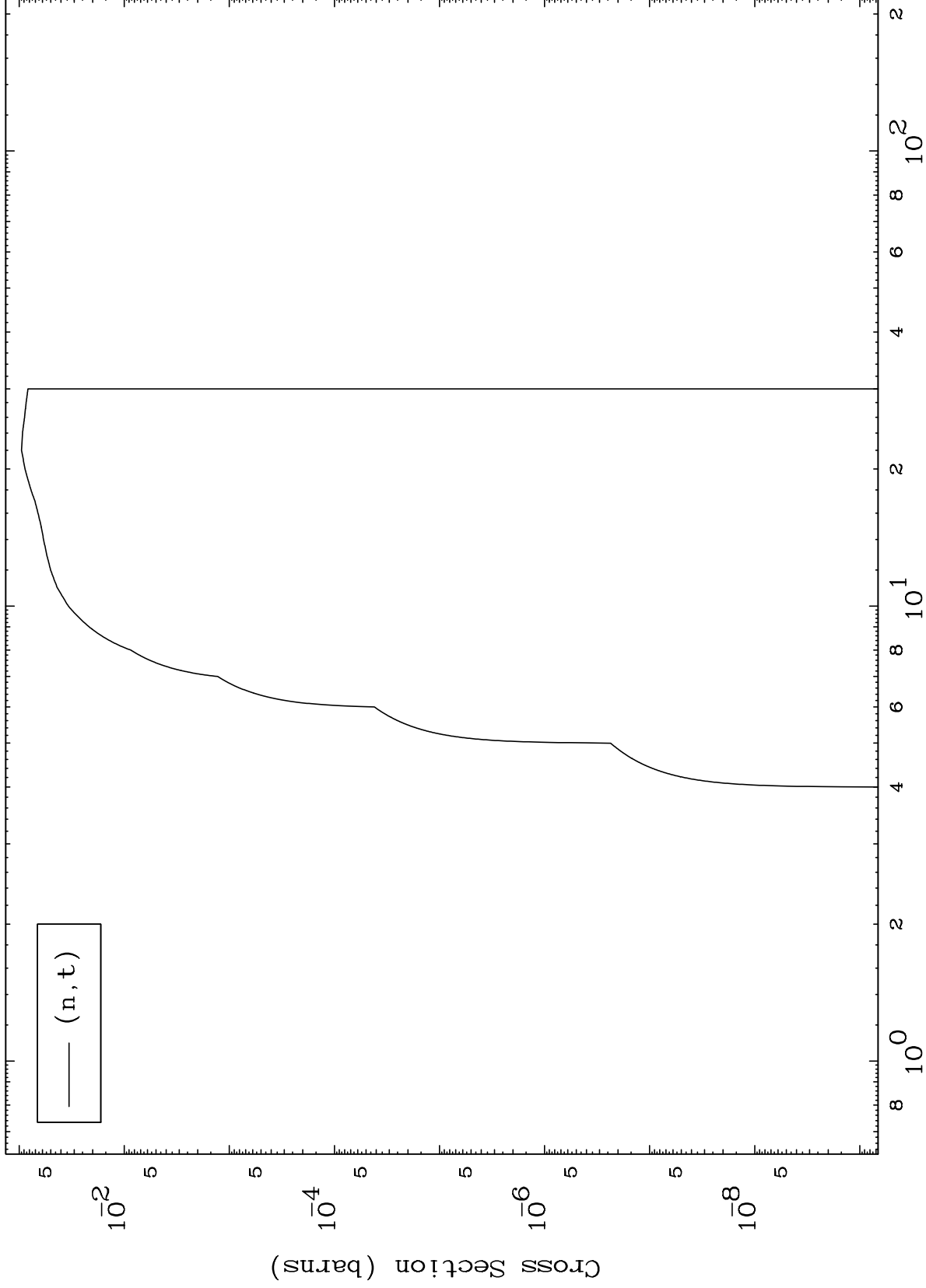
48-Cd-104

MAT 4819

(t,t) Levels

48-Cd-104

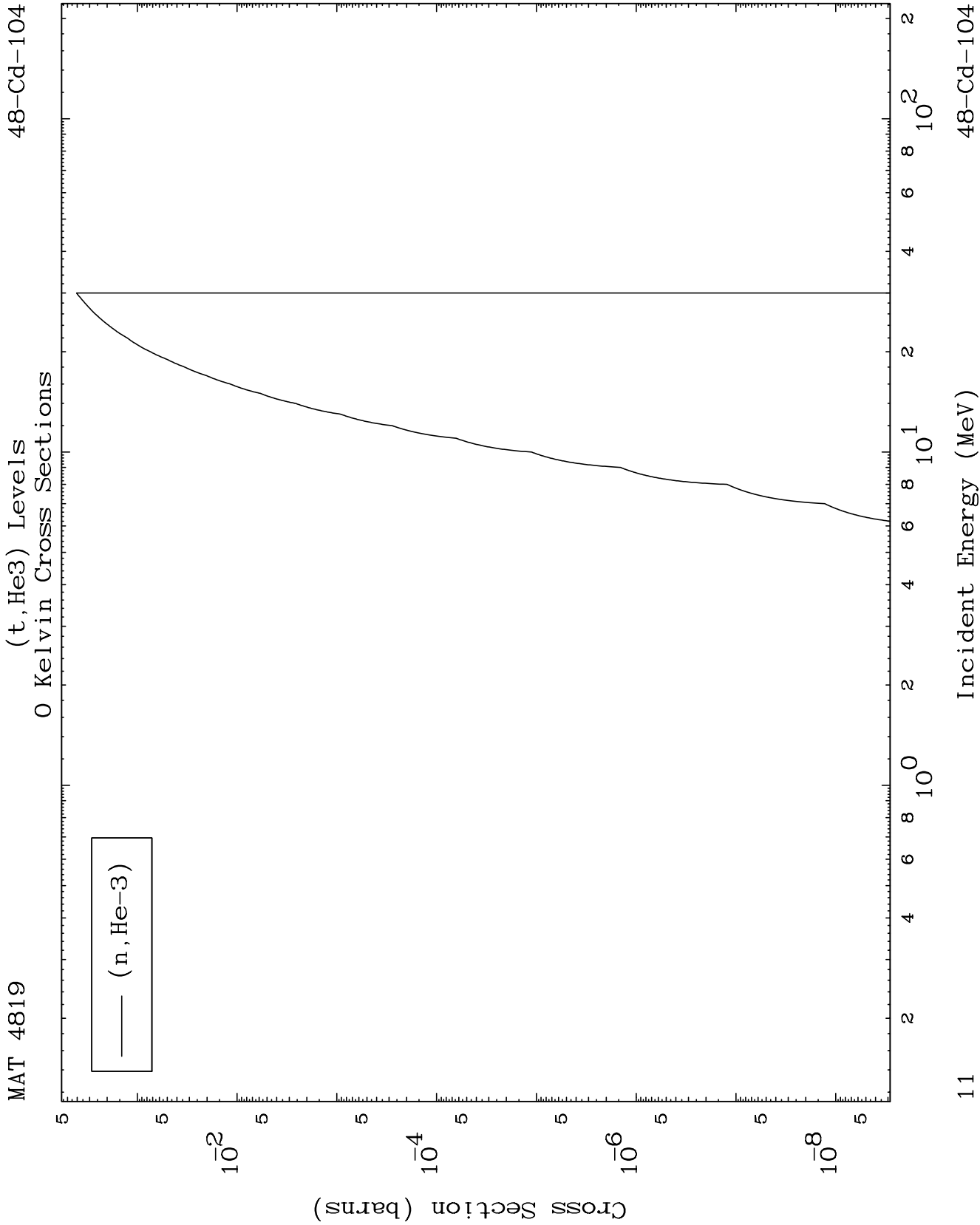
0 Kelvin Cross Sections



— (n,t)

Incident Energy (MeV)

48-Cd-104

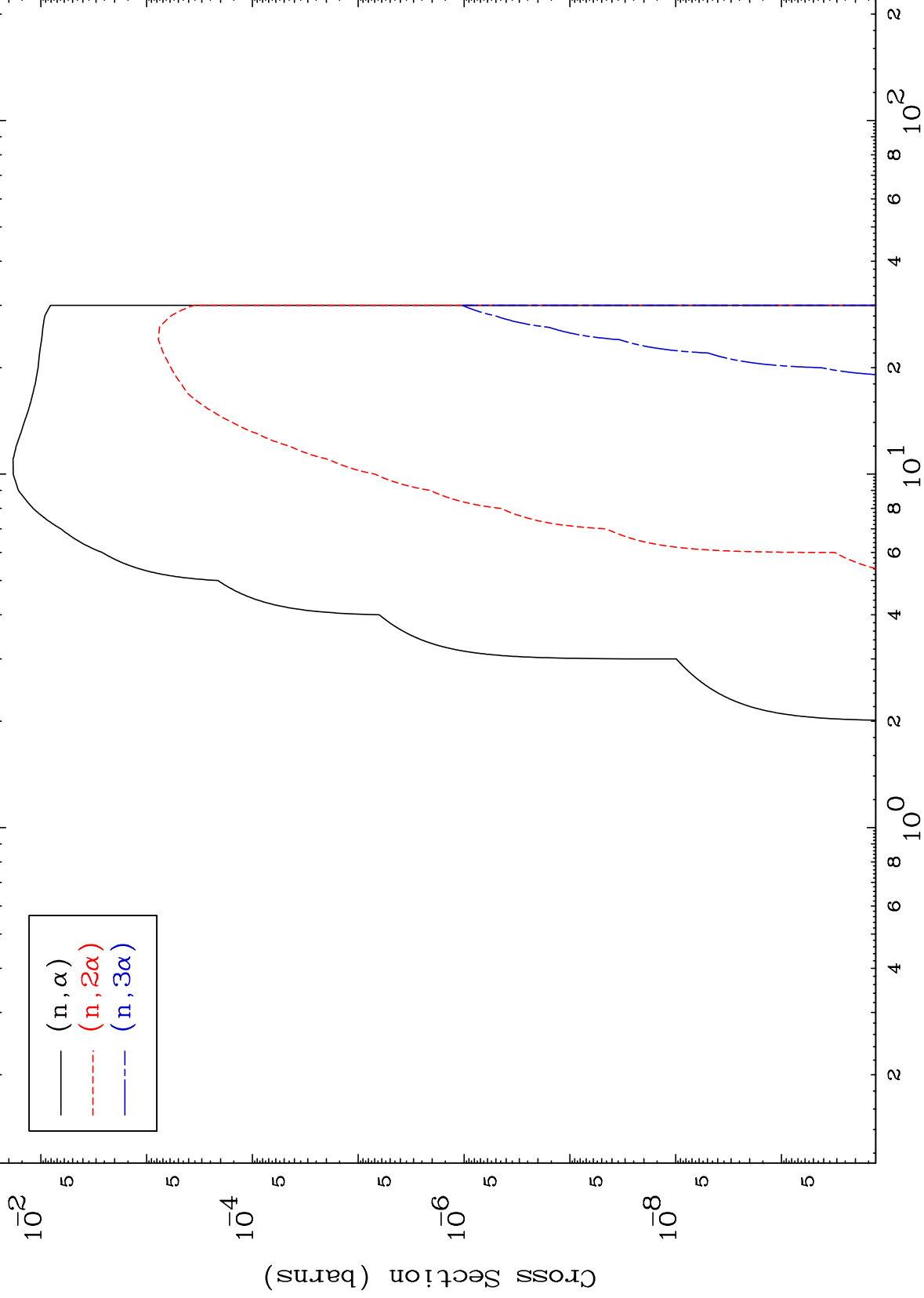


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(t, α) Levels

48-Cd-104

0 Kelvin Cross Sections



12

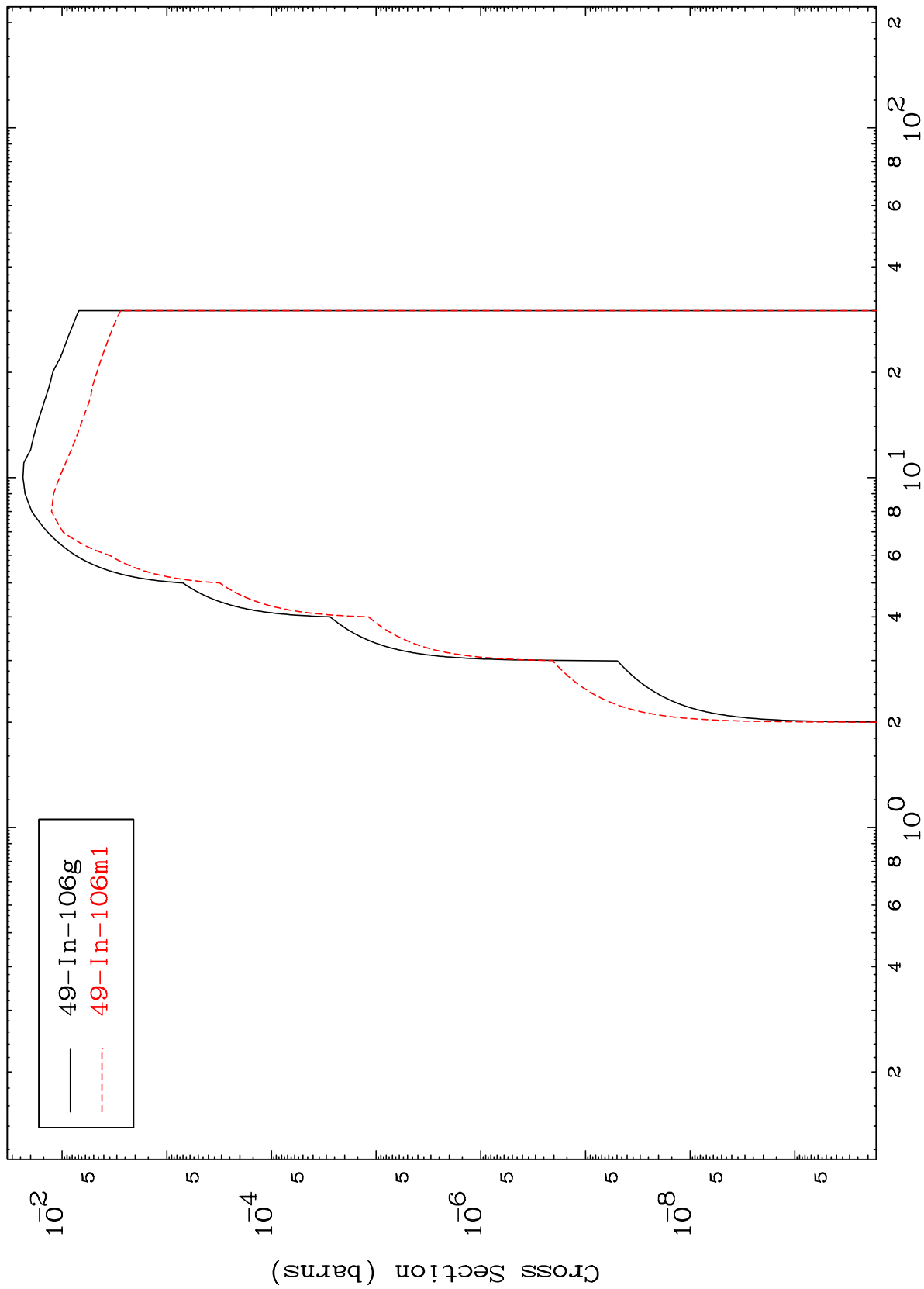
Incident Energy (MeV)

48-Cd-104

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48-Cd-104

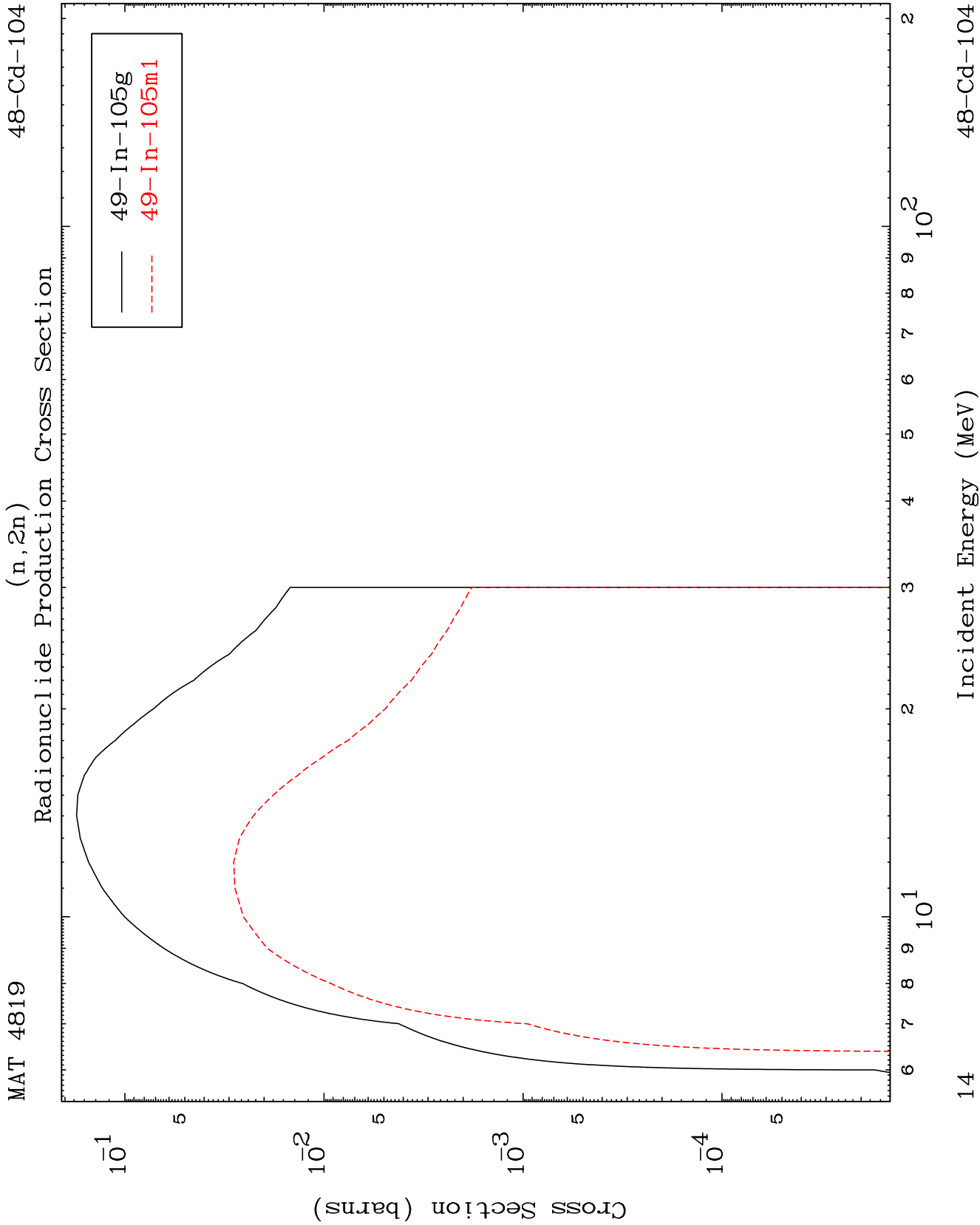
Radionuclide Production Cross Section

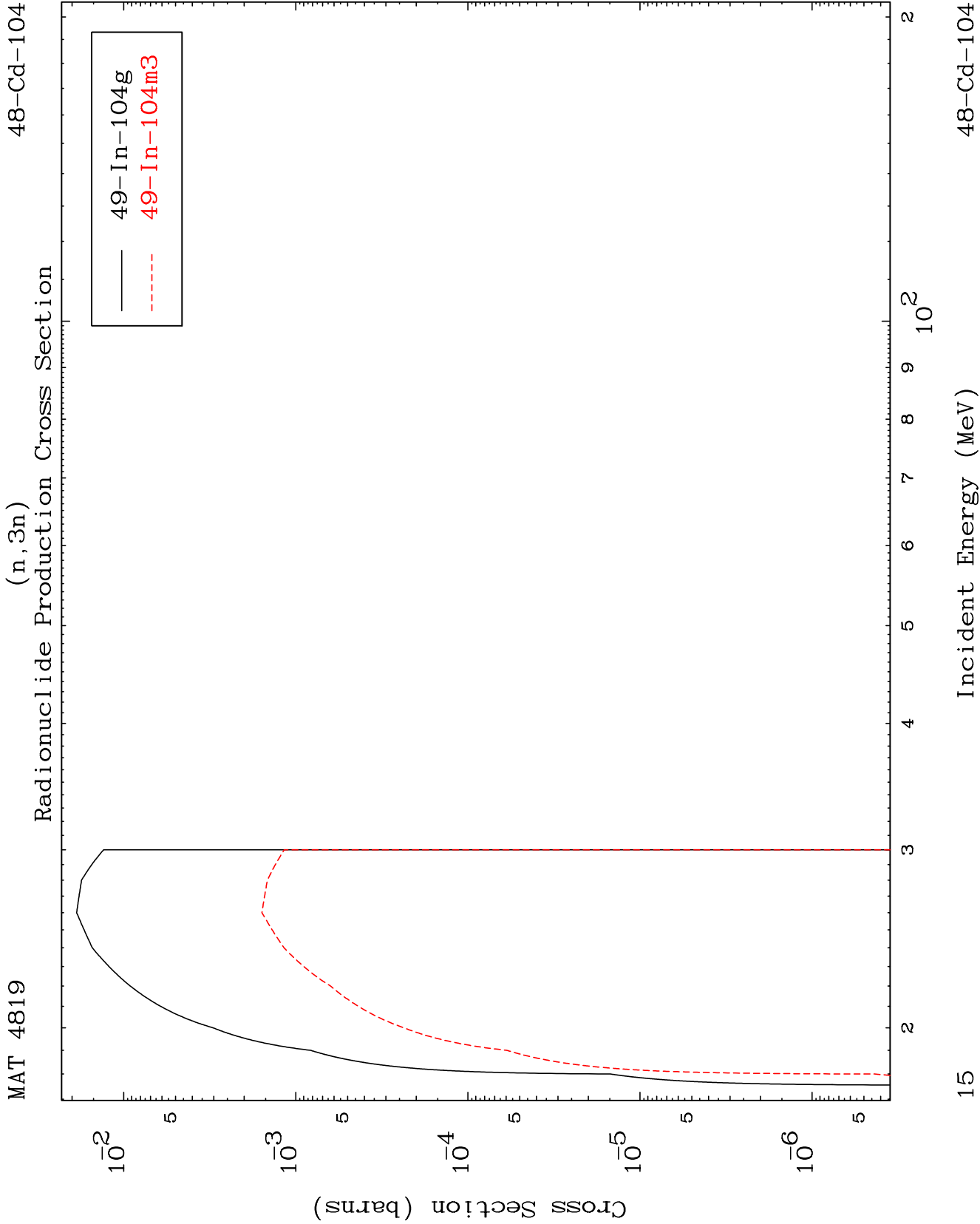


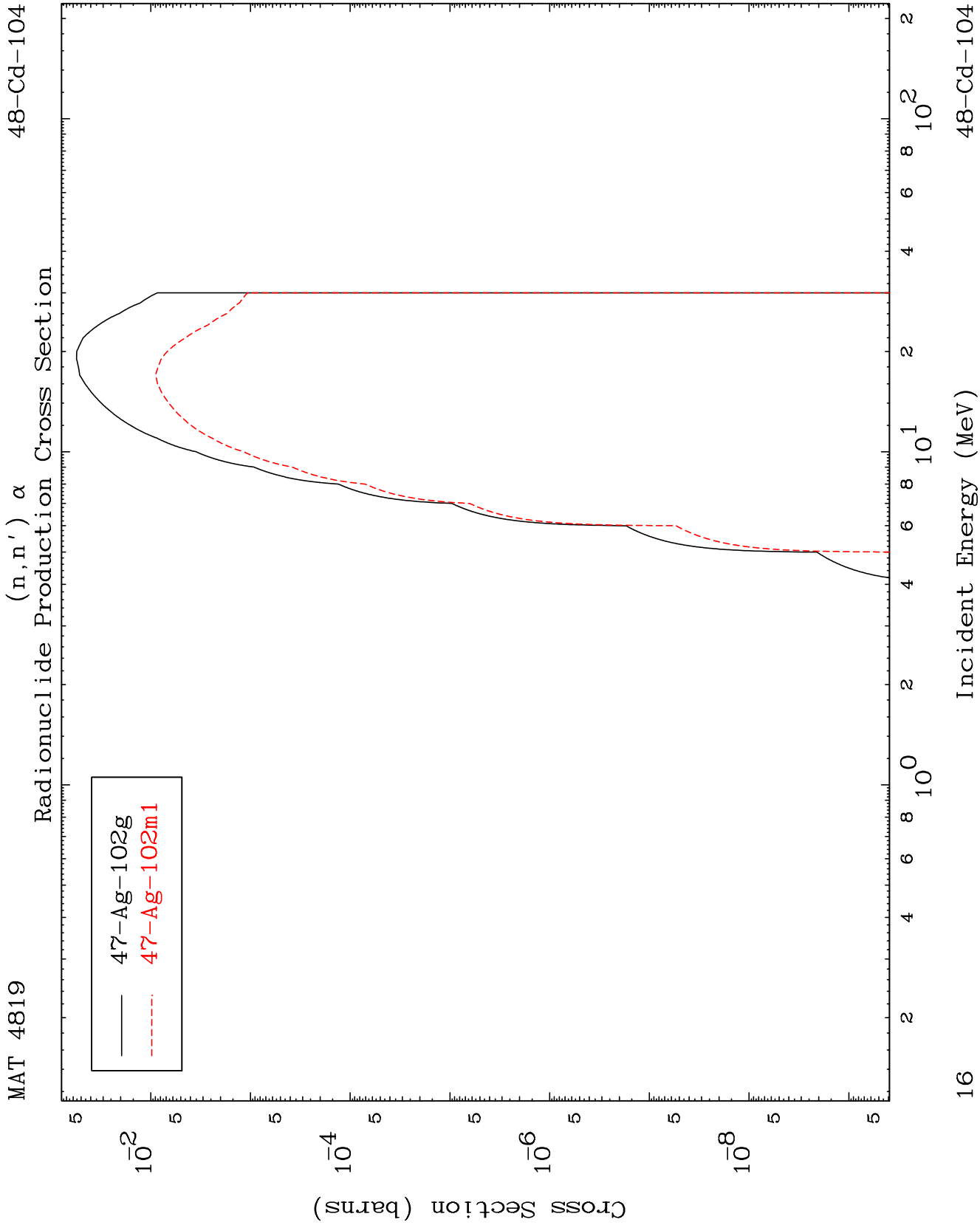
13

Incident Energy (MeV)

48-Cd-104





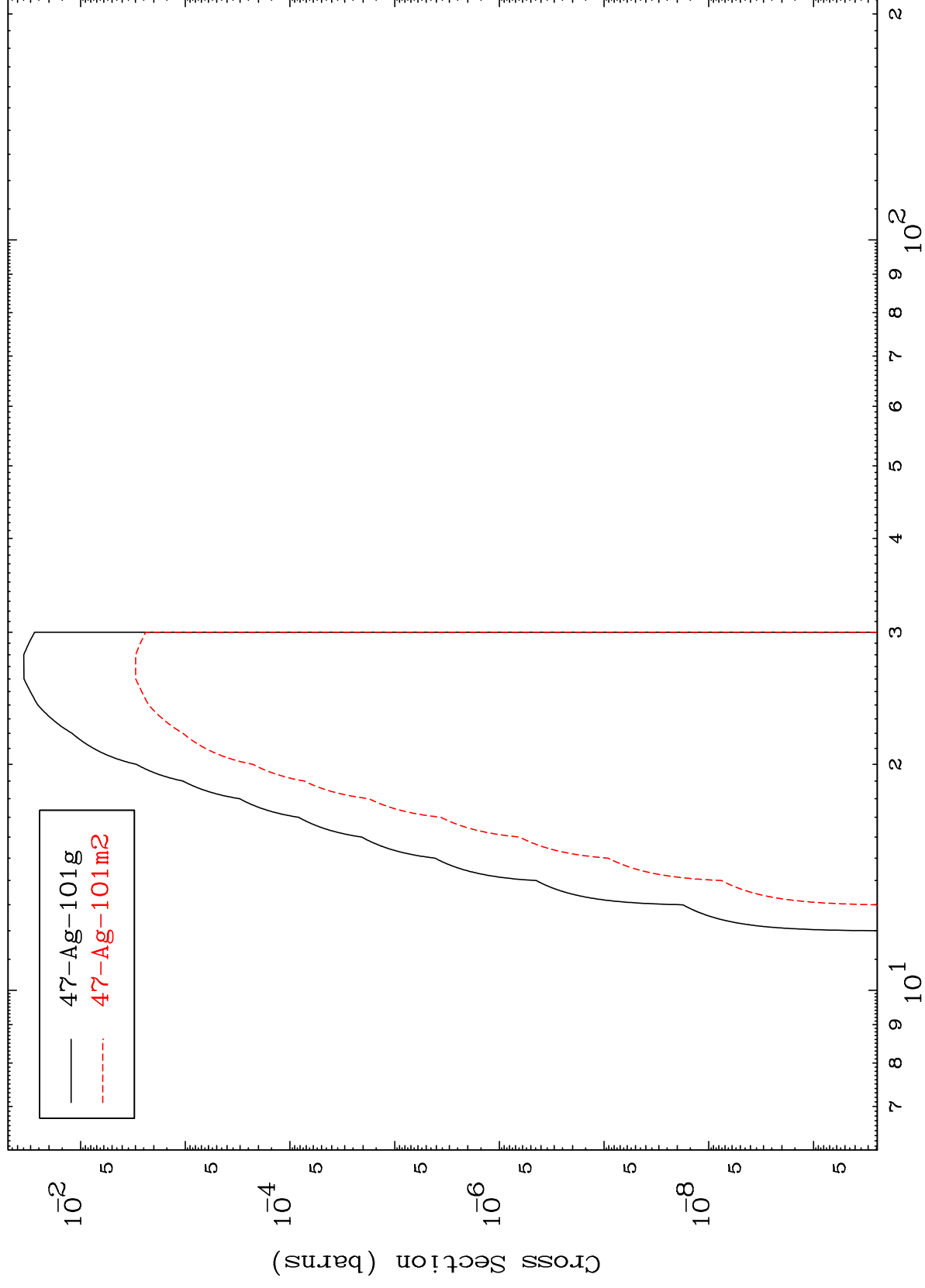


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48-Cd-104

$$(n, 2n) \propto$$

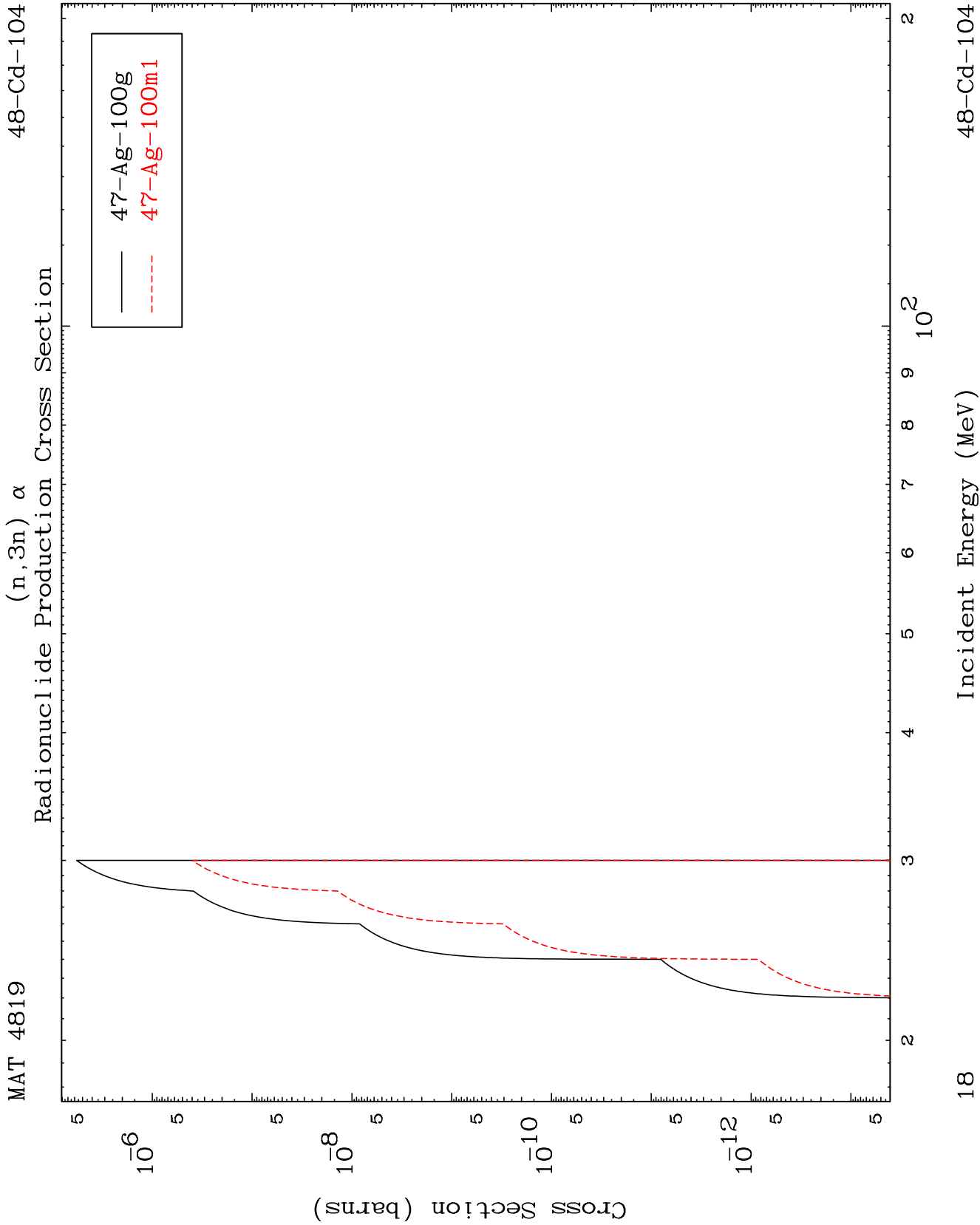
Radionuclide Production Cross Section

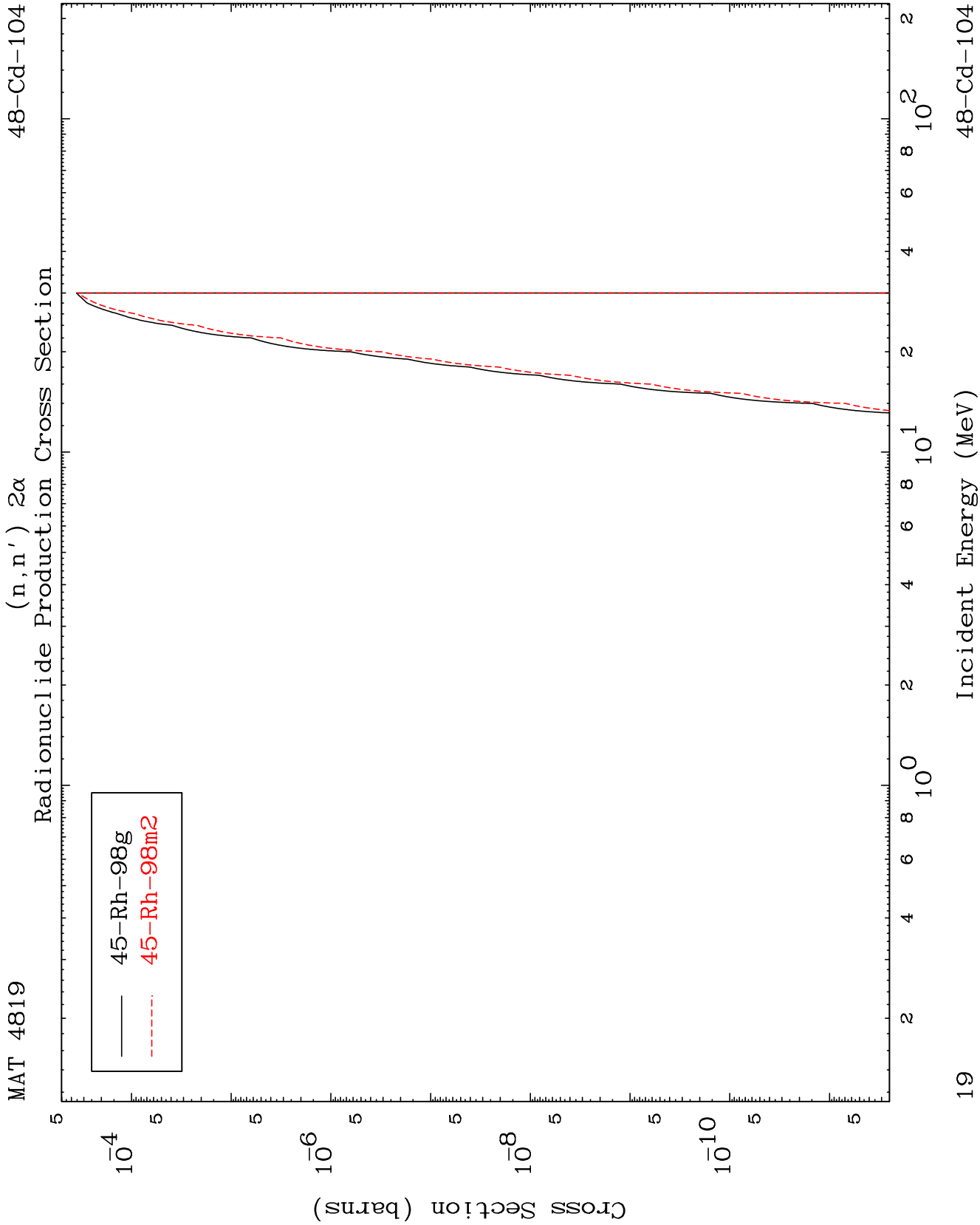


21

Incident Energy (MeV)

48-Cd-104

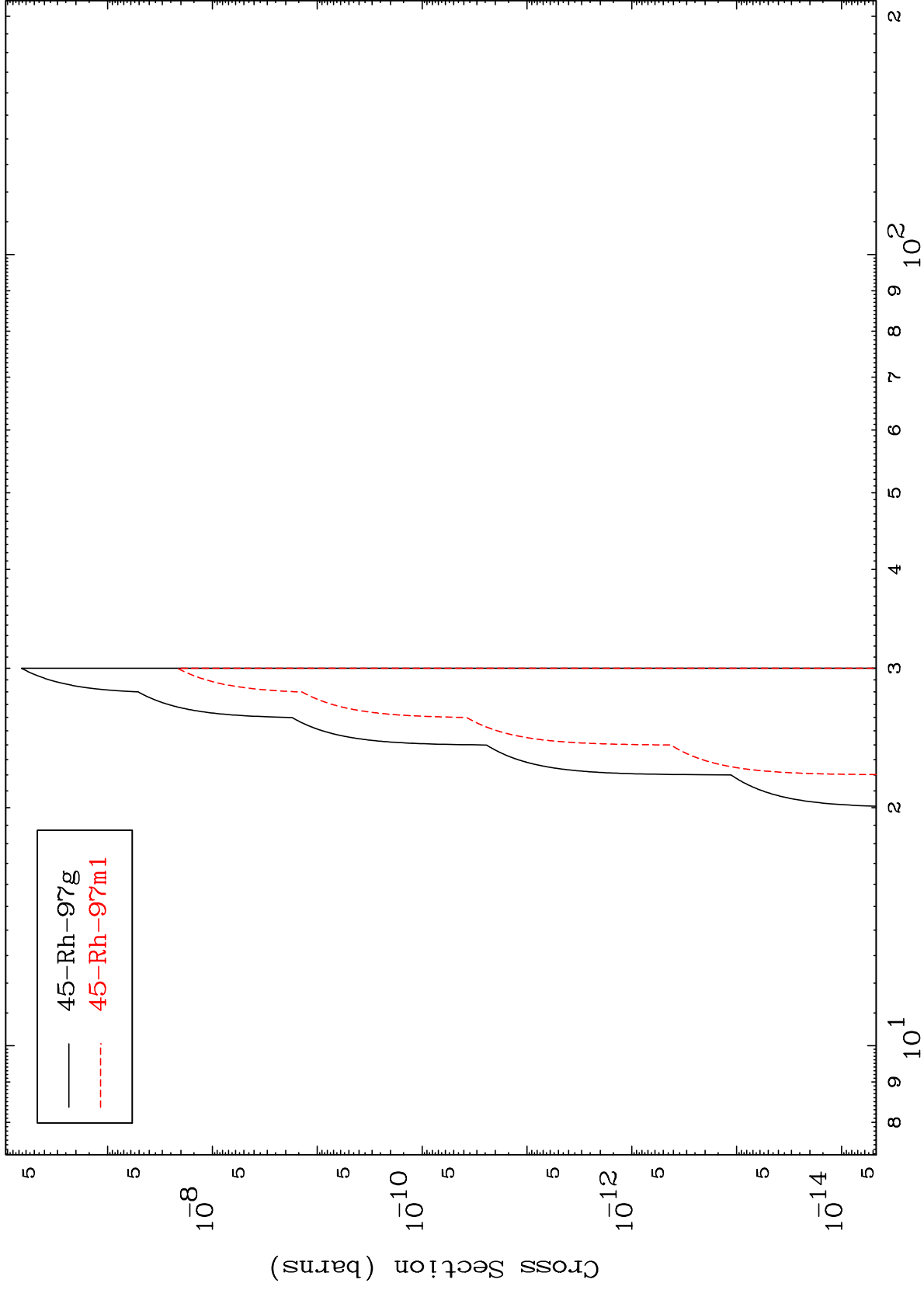




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48-Cd-104

(n,2n) 2 α
Radionuclide Production Cross Section



20

Incident Energy (MeV)

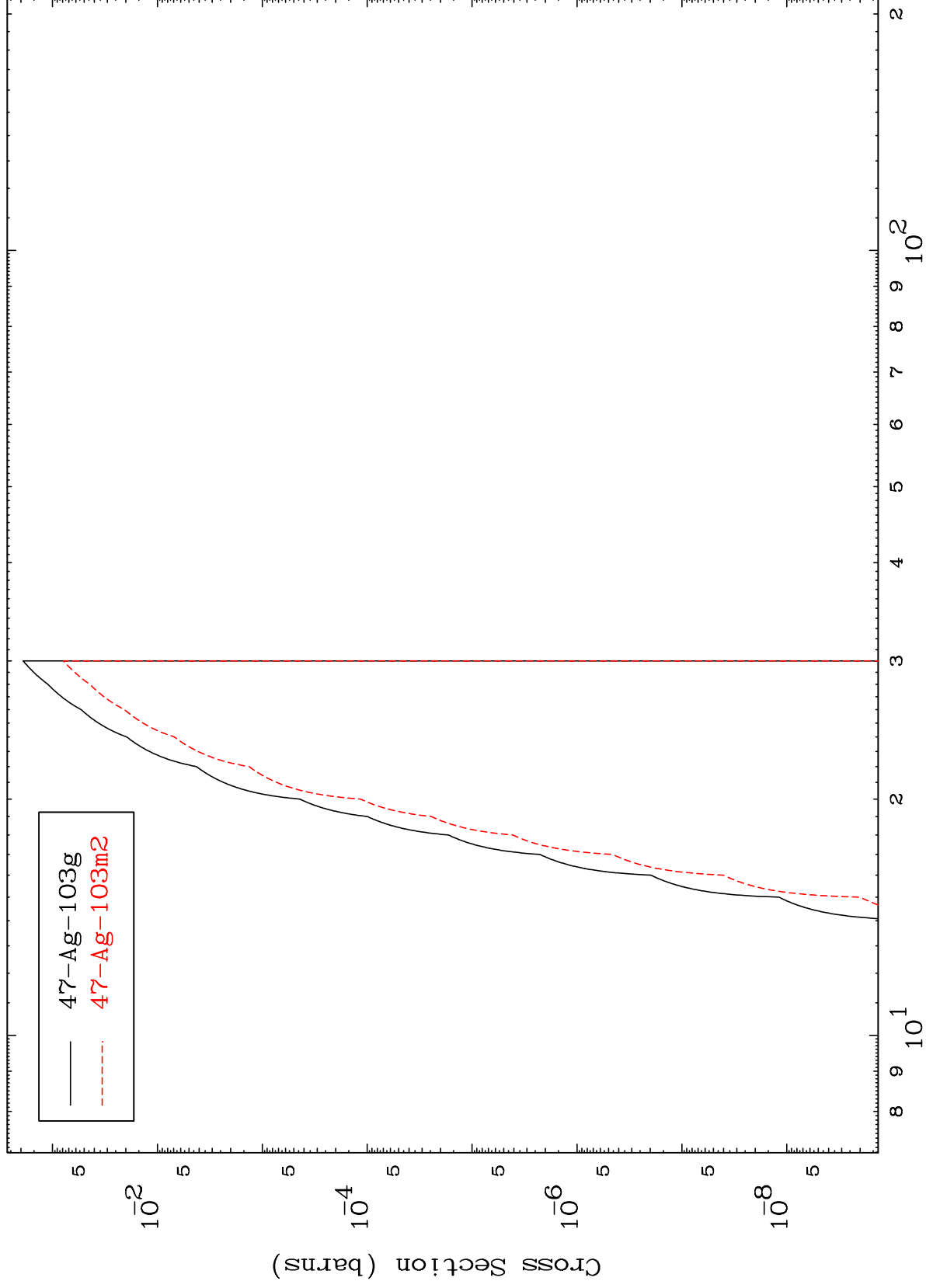
48-Cd-104

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(n,n') He-3

48-Cd-104

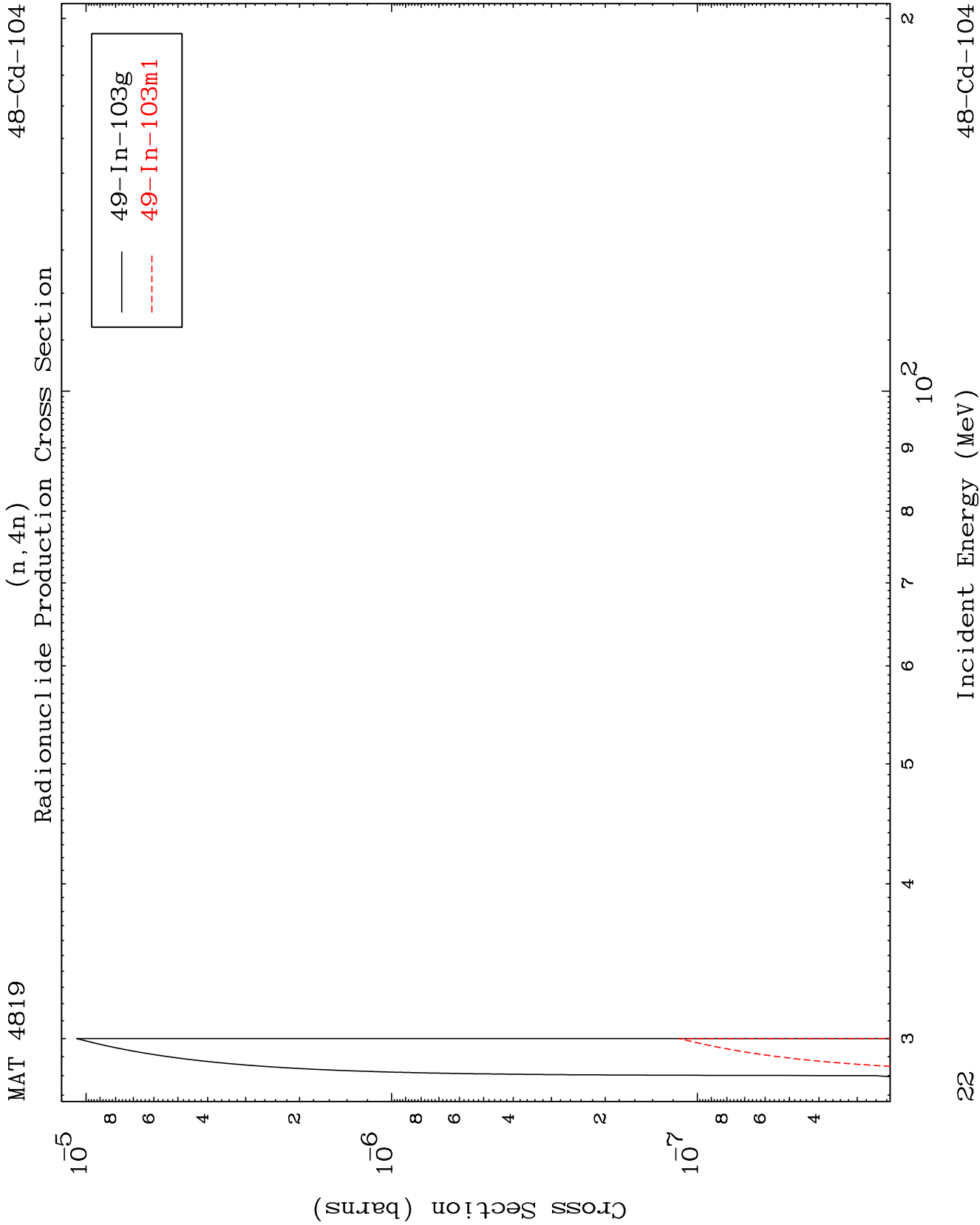
Radionuclide Production Cross Section

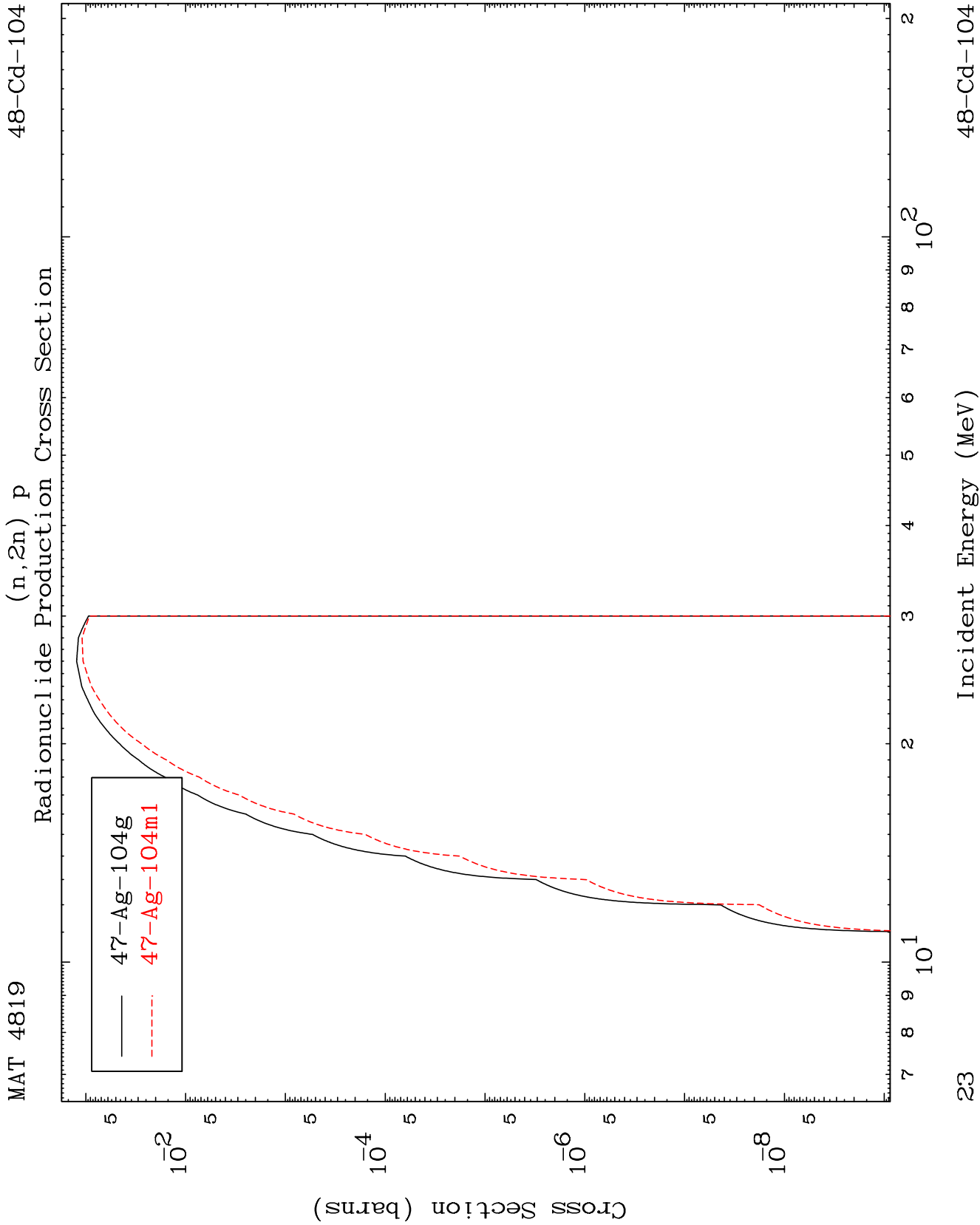


21

Incident Energy (MeV)

48-Cd-104

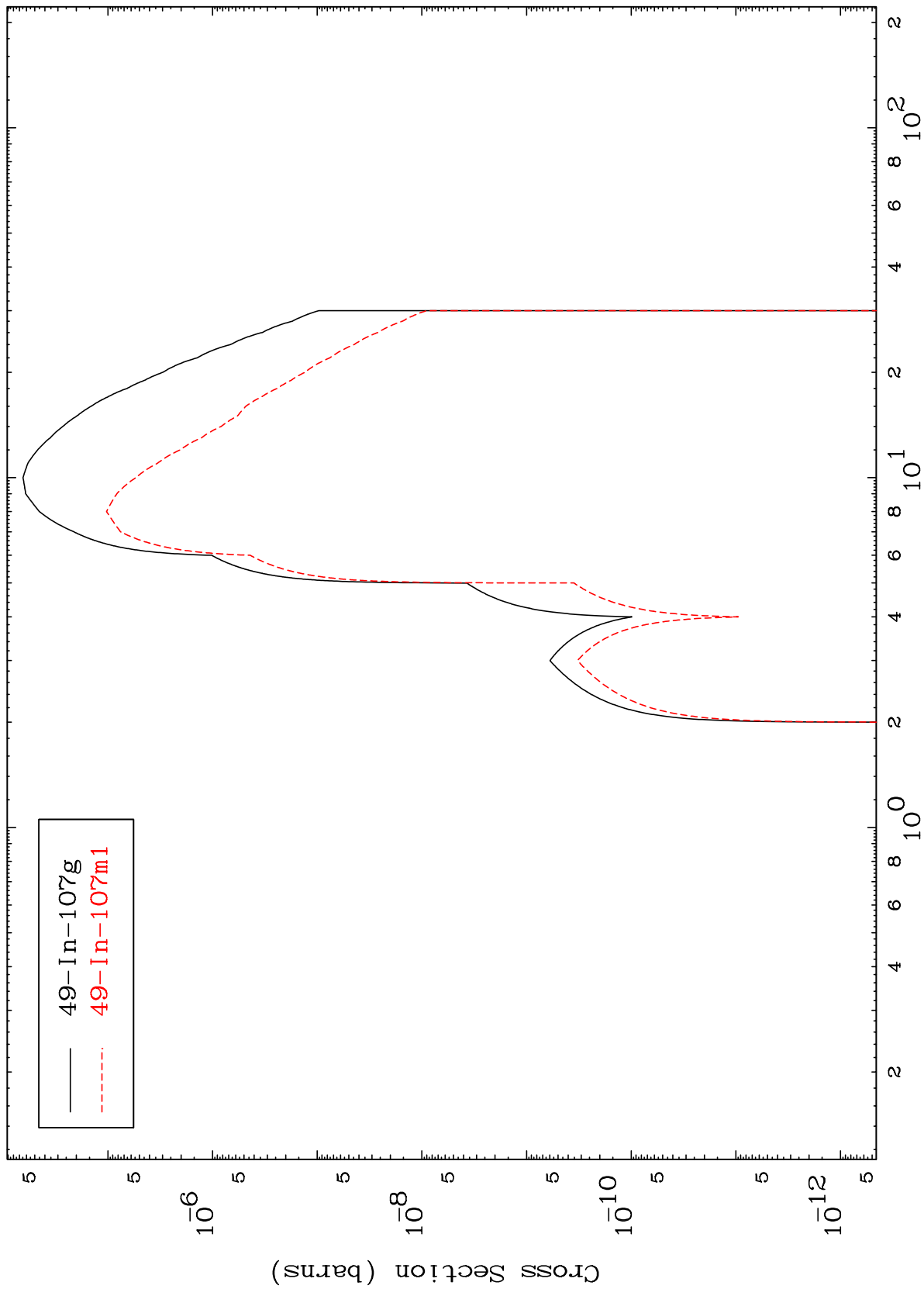




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48-Cd-104

Radionuclide Production Cross Section
(n, γ)



24

Incident Energy (MeV)

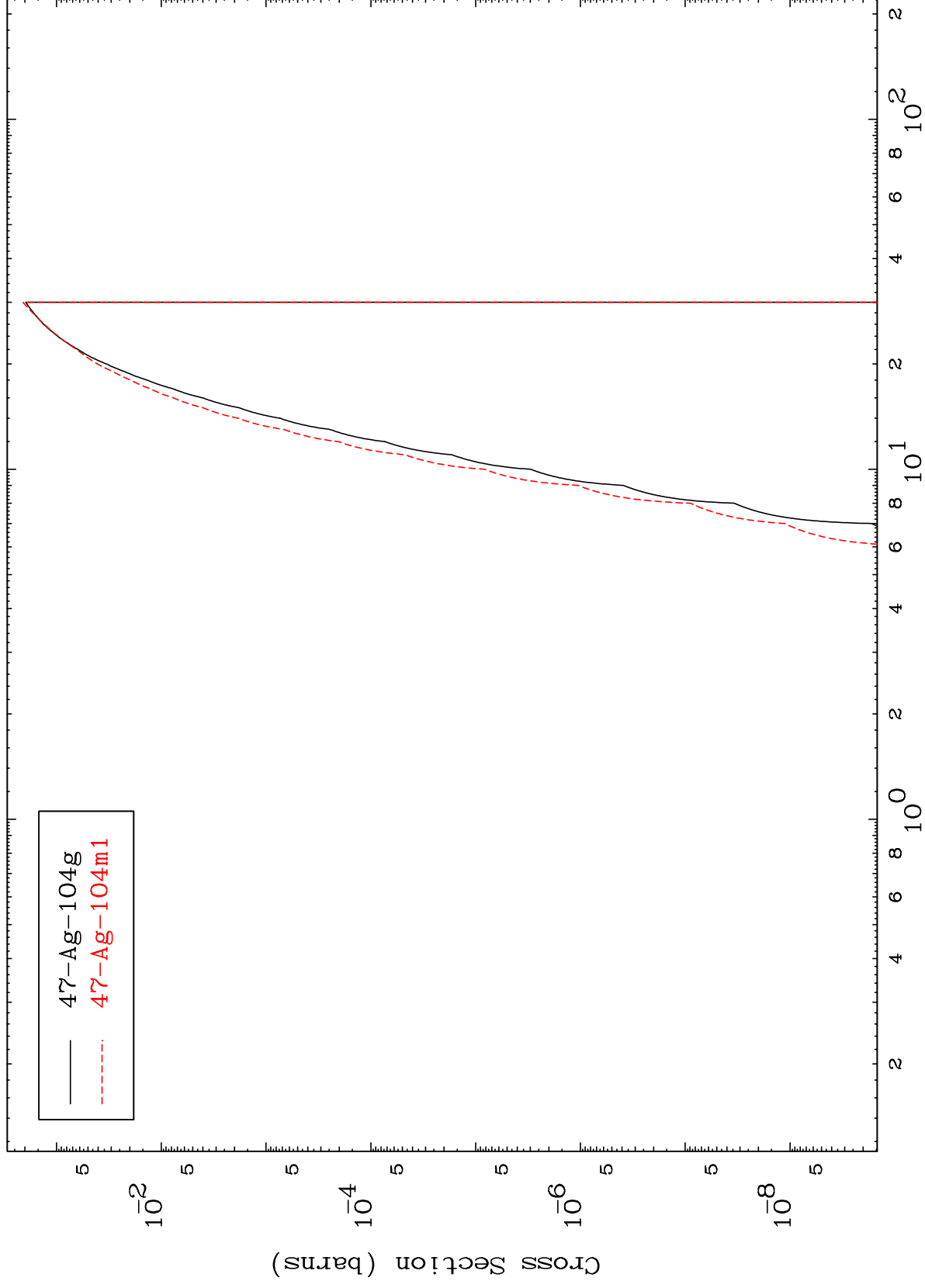
48-Cd-104

MAT 4819

(n,He-3)

48-Cd-104

Radionuclide Production Cross Section



25

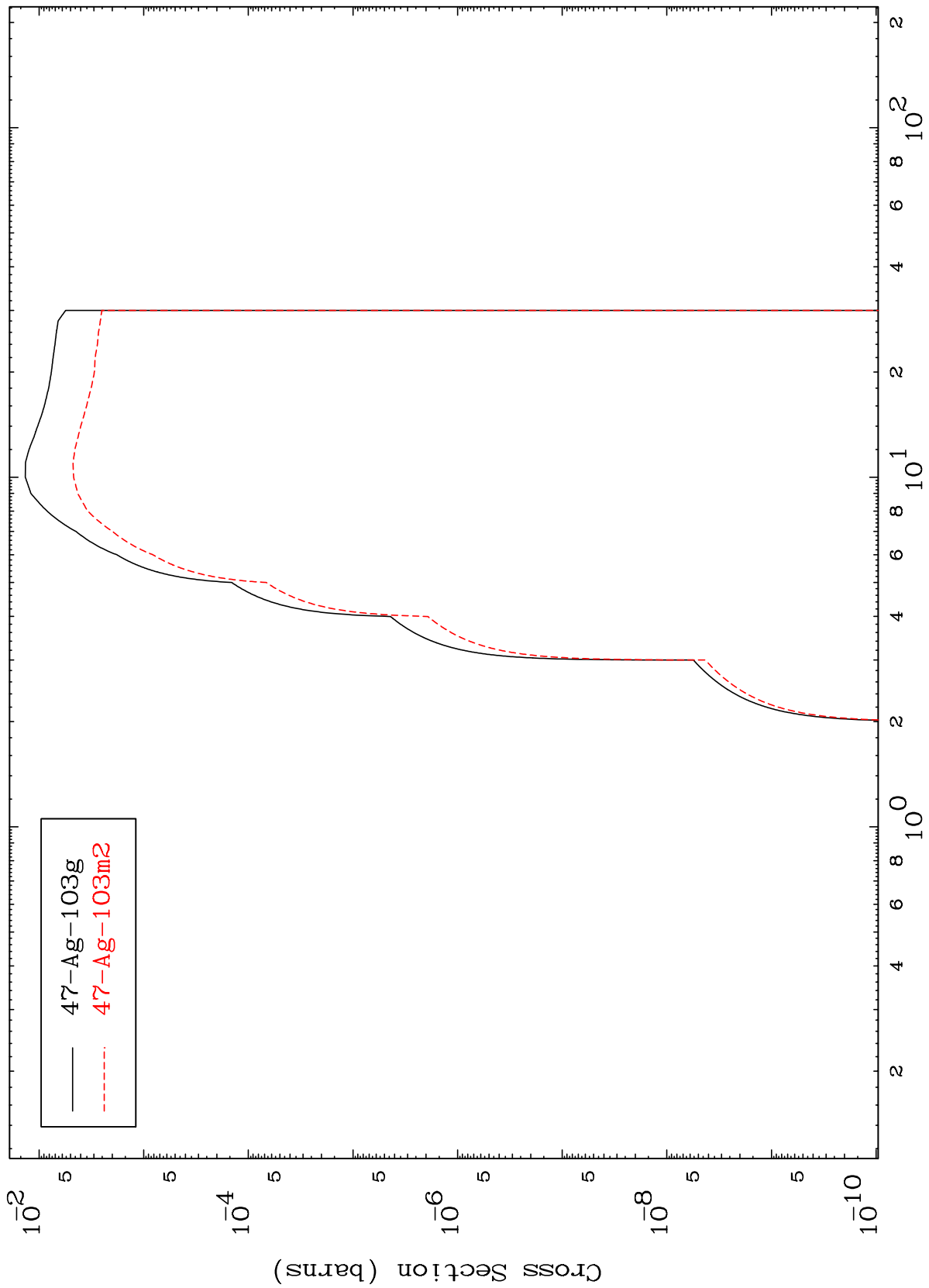
Incident Energy (MeV)

48-Cd-104

MAT 4819

48-Cd-104

Radionuclide Production Cross Section
(n, α)



26

Incident Energy (MeV)

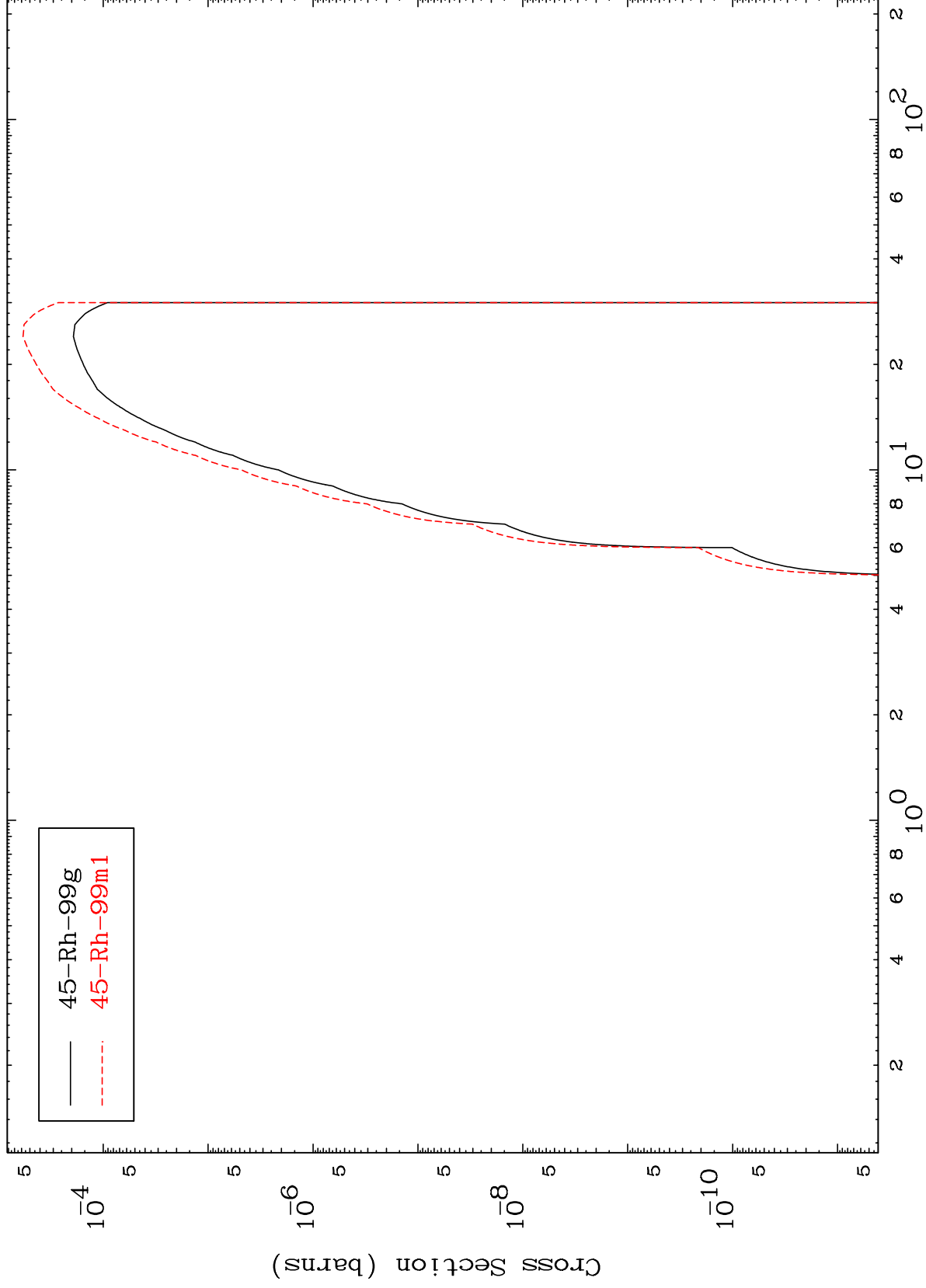
48-Cd-104

MAT 4819

(n,2α)

48-Cd-104

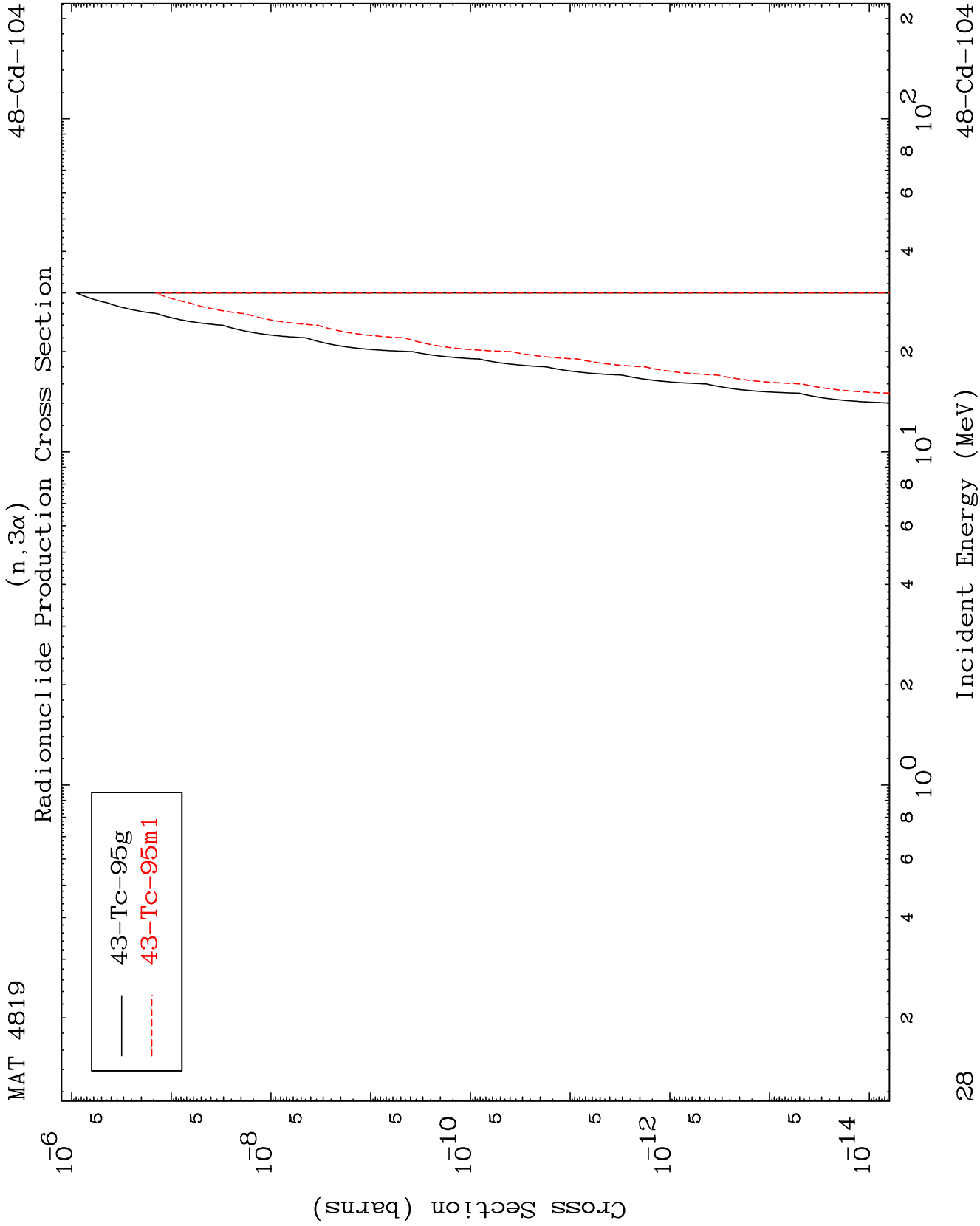
Radionuclide Production Cross Section



27

Incident Energy (MeV)

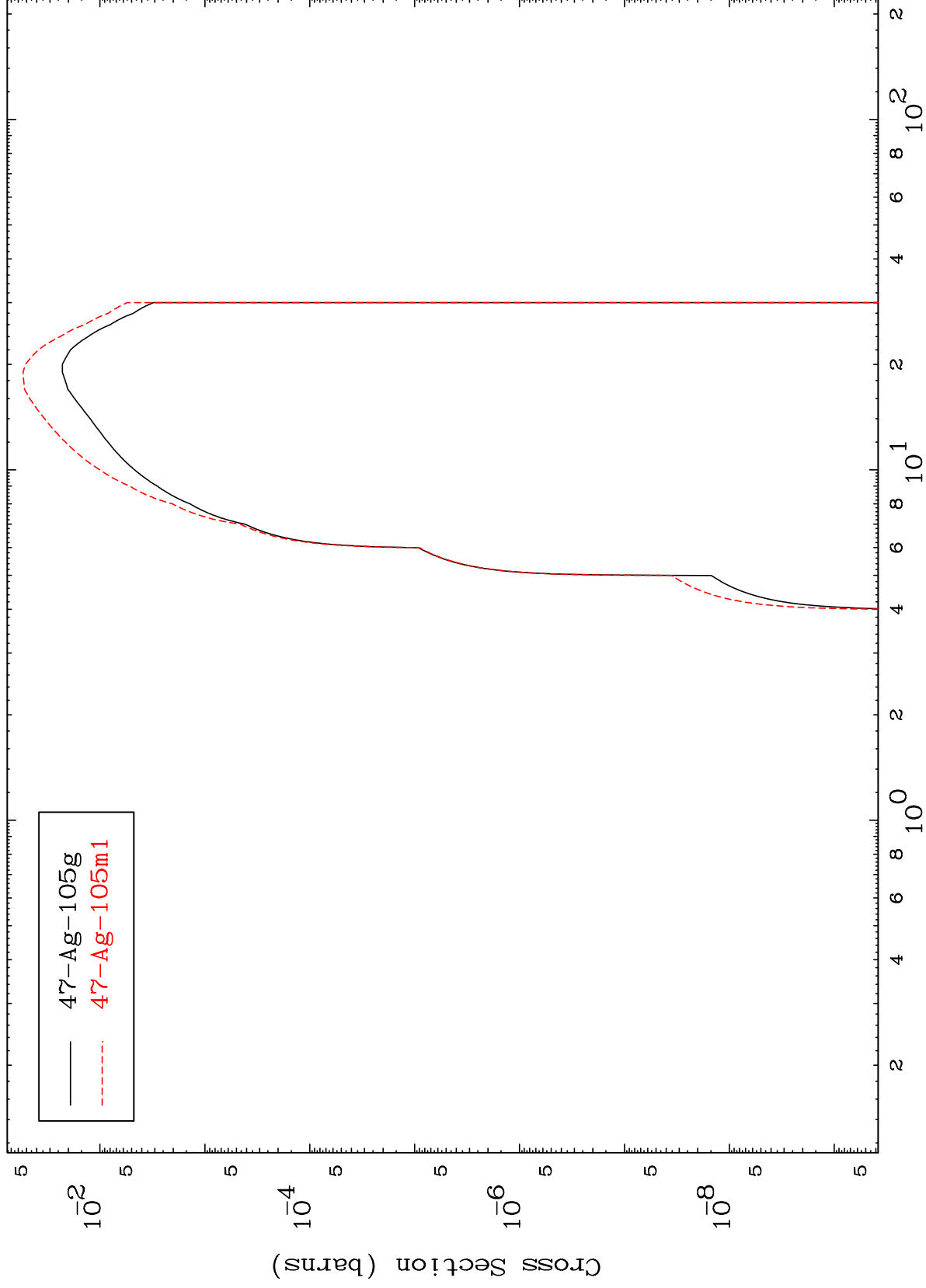
48-Cd-104



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48-Cd-104

Radionuclide Production Cross Section
(n,2p)



29

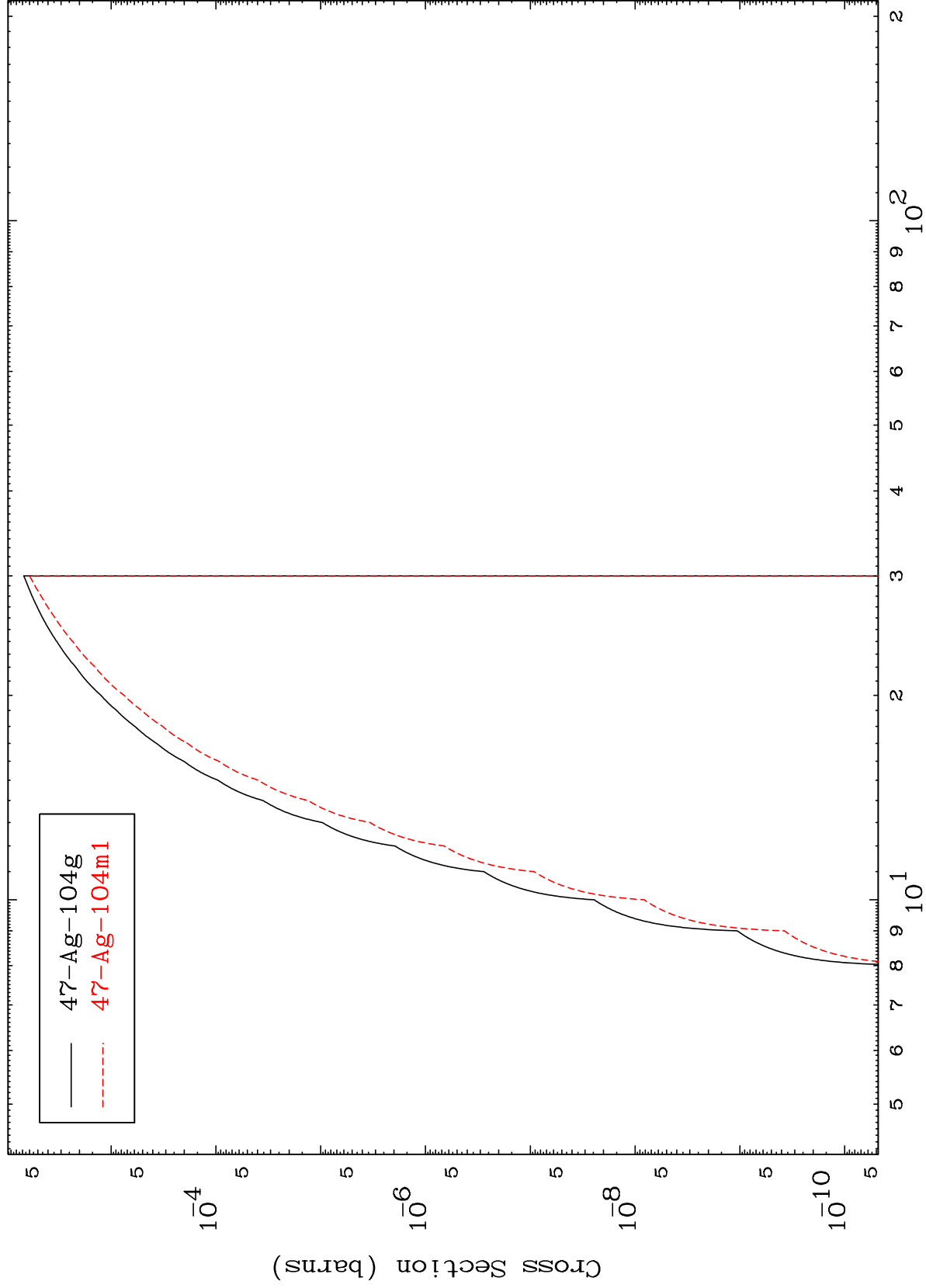
Incident Energy (MeV)

48-Cd-104

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48-Cd-104

(n,p) d
Radionuclide Production Cross Section



30

Incident Energy (MeV)

48-Cd-104

