

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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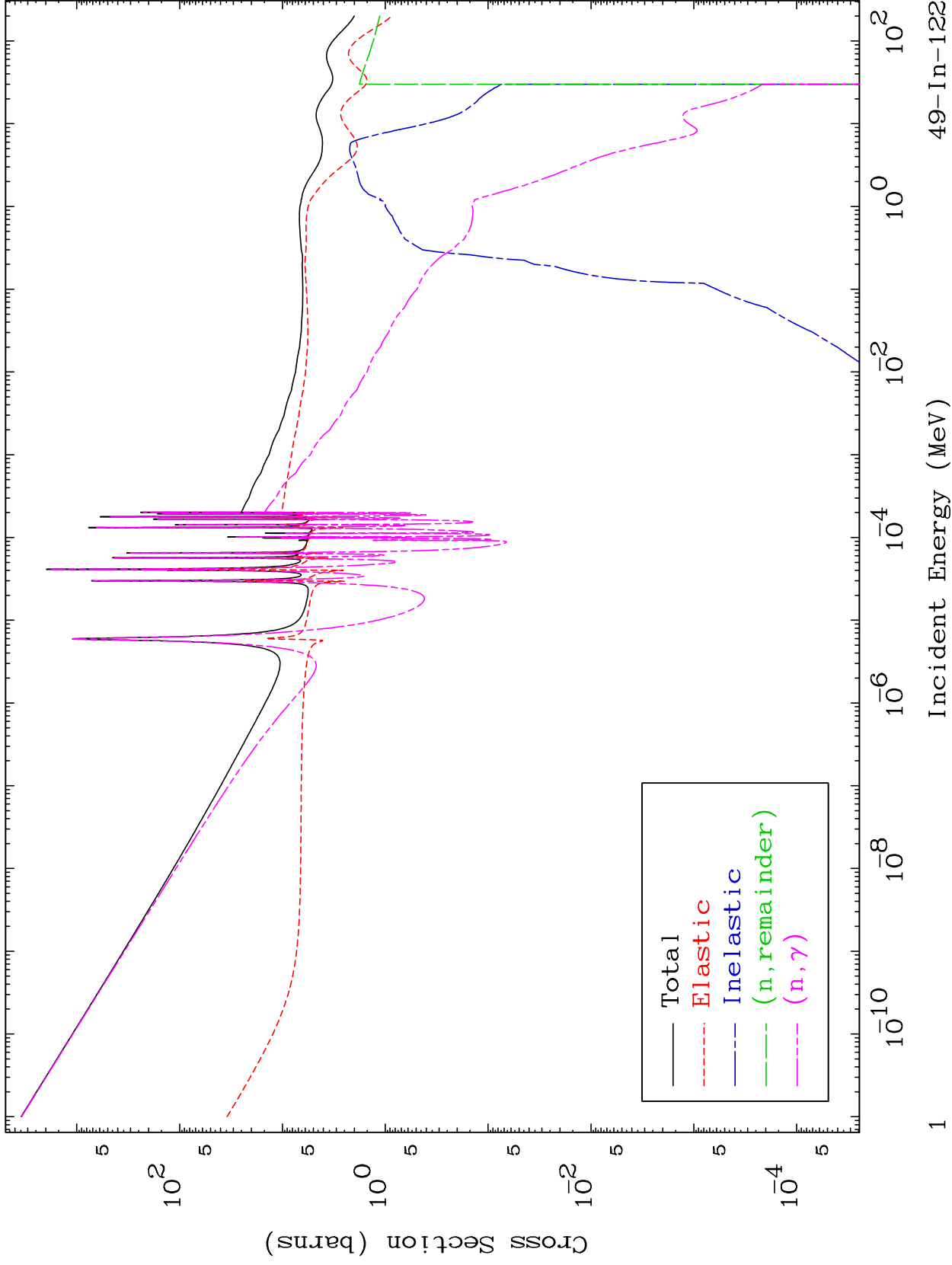
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

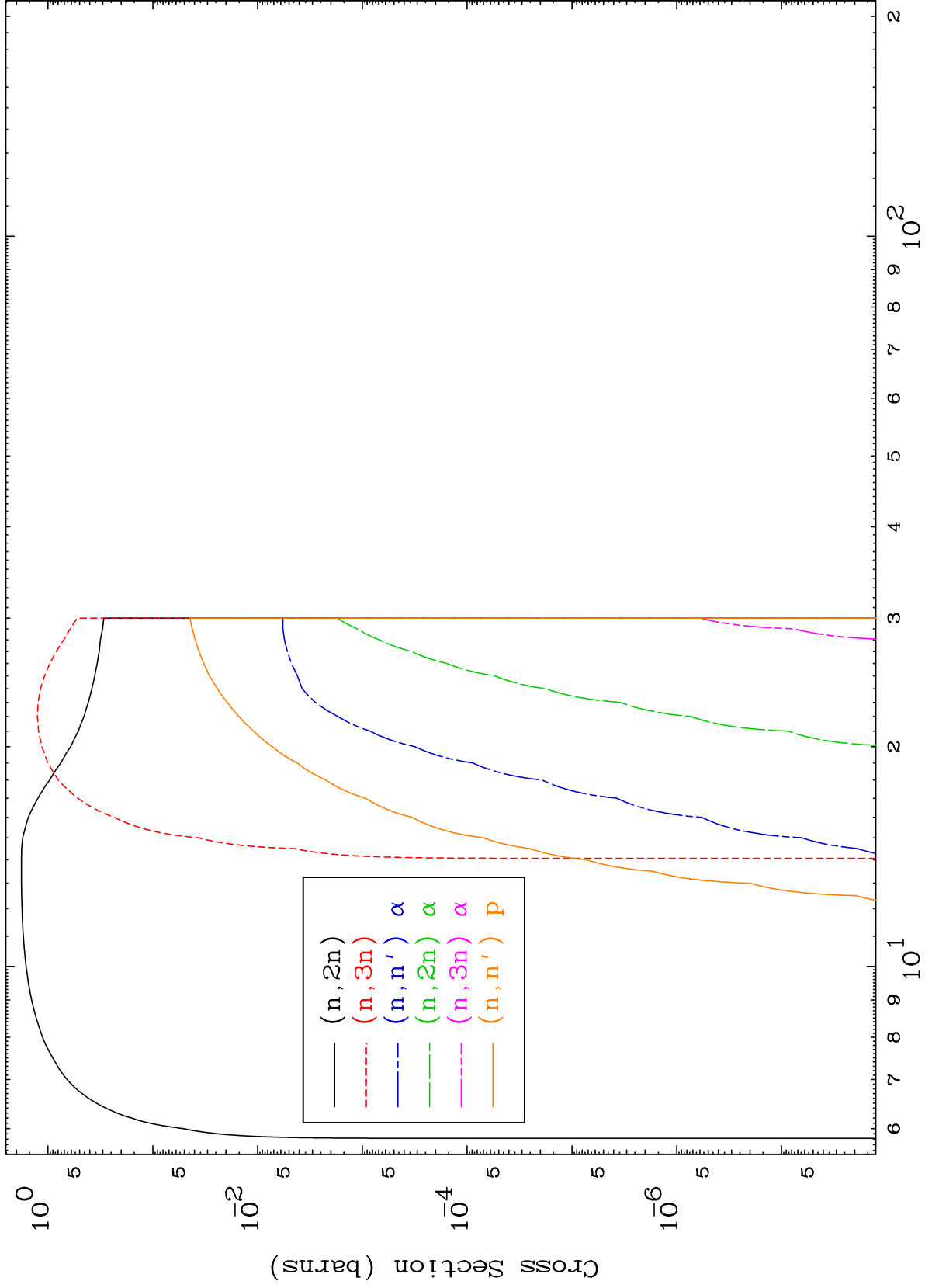
Press Mouse Button to Start

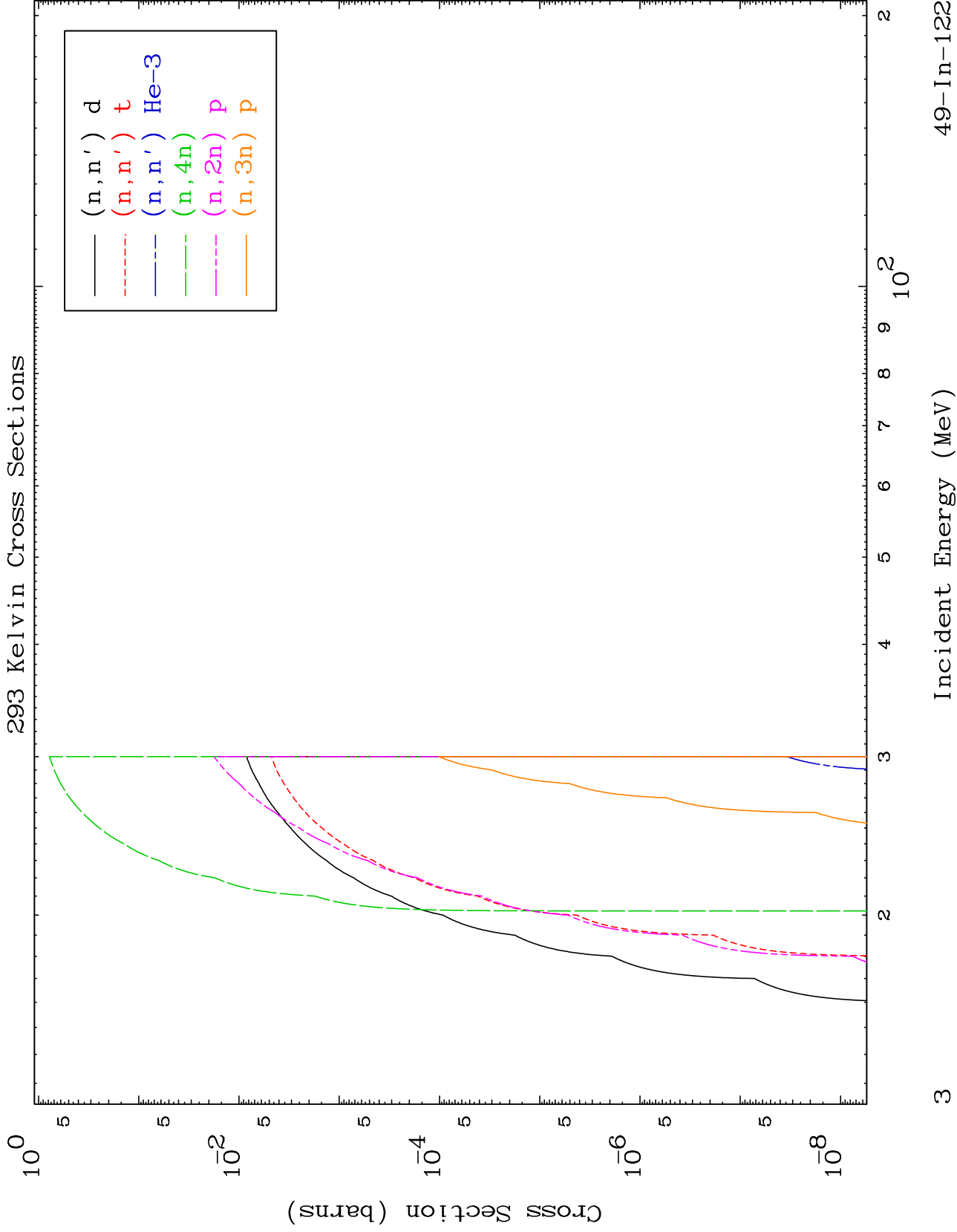
MAT 4953

Major
293 Kelvin Cross Sections

49-In-122



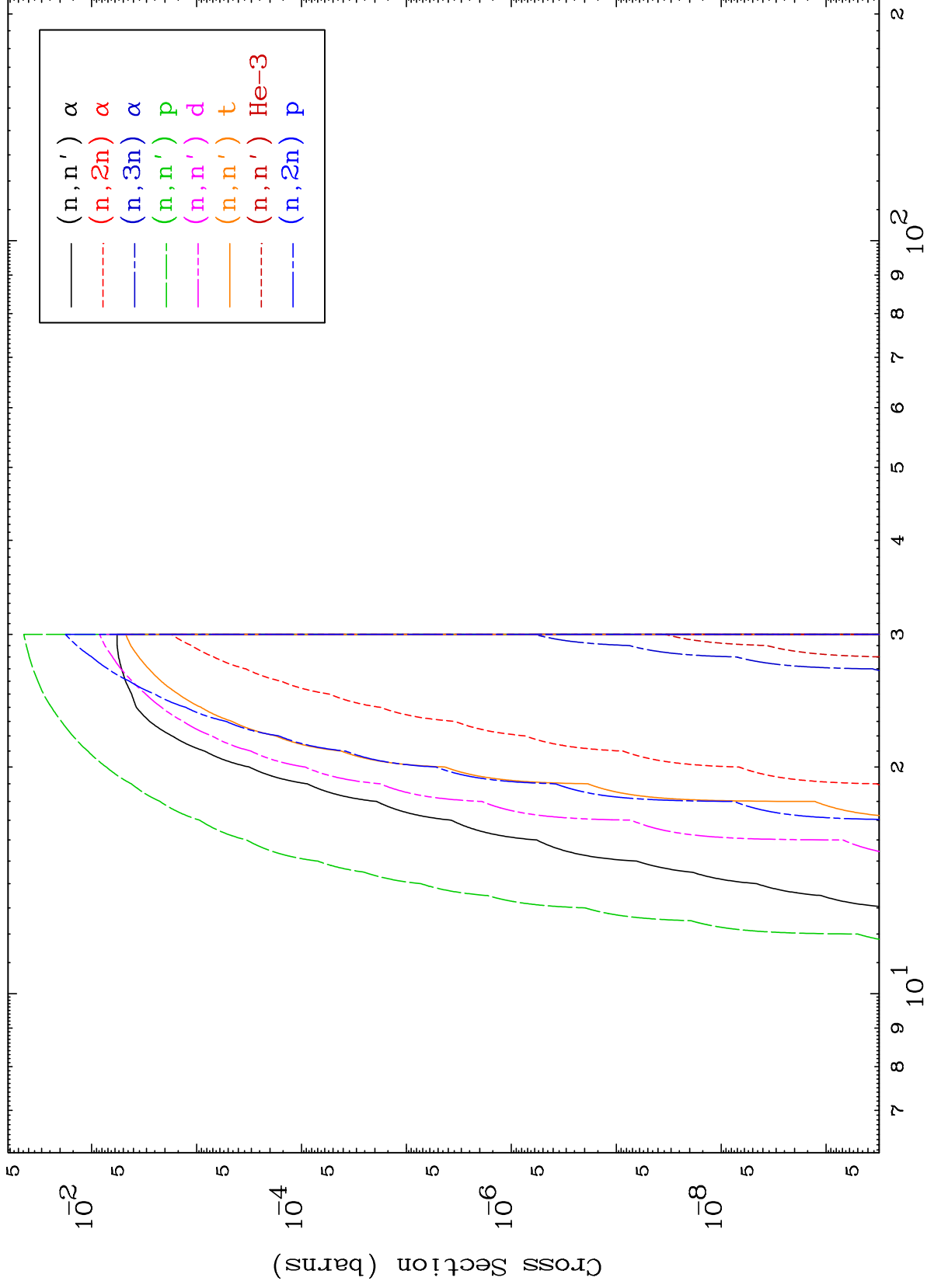




MAT 4953

Charged Particle
293 Kelvin Cross Sections

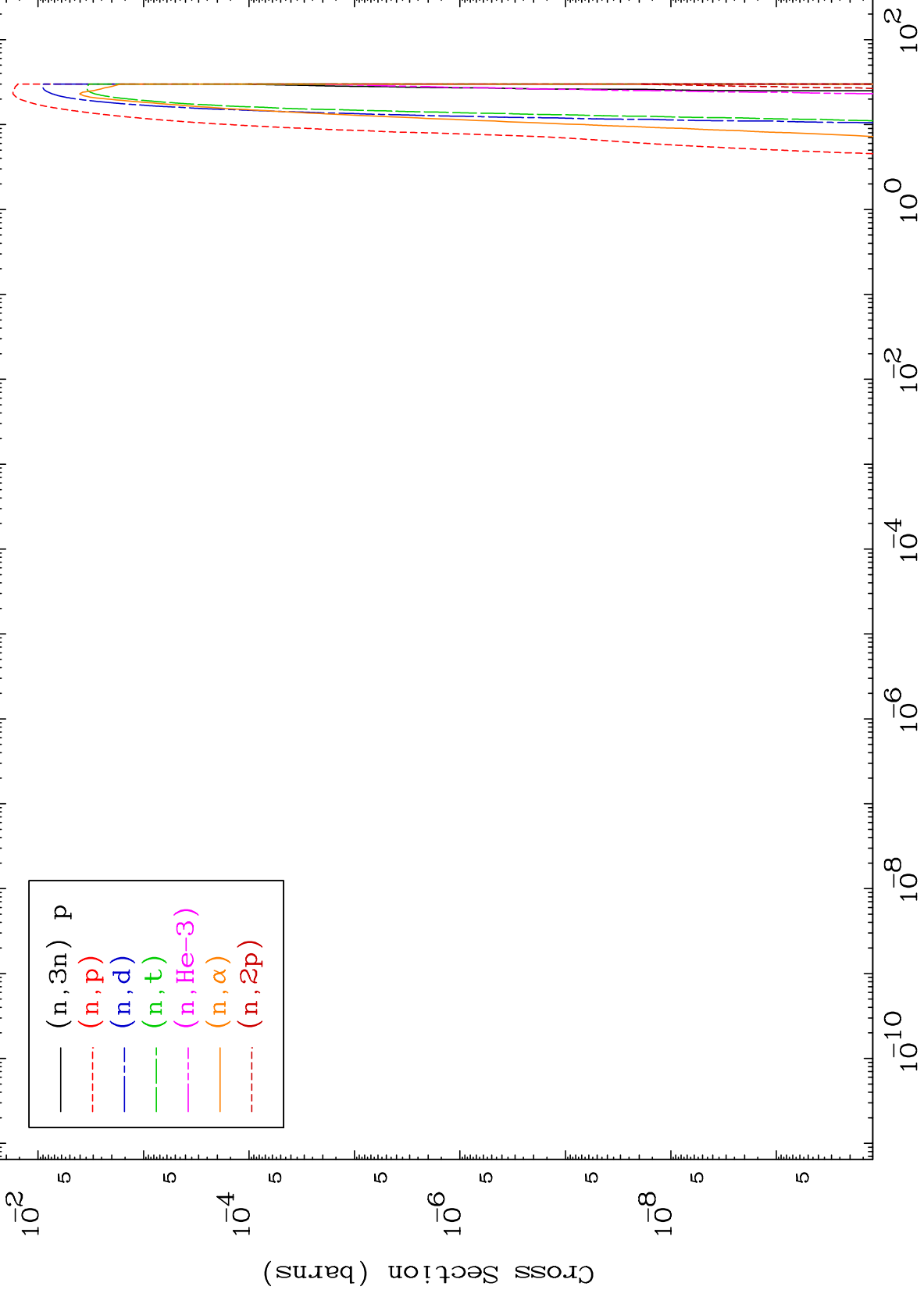
49-In-122



MAT 4953

Charged Particle
293 Kelvin Cross Sections

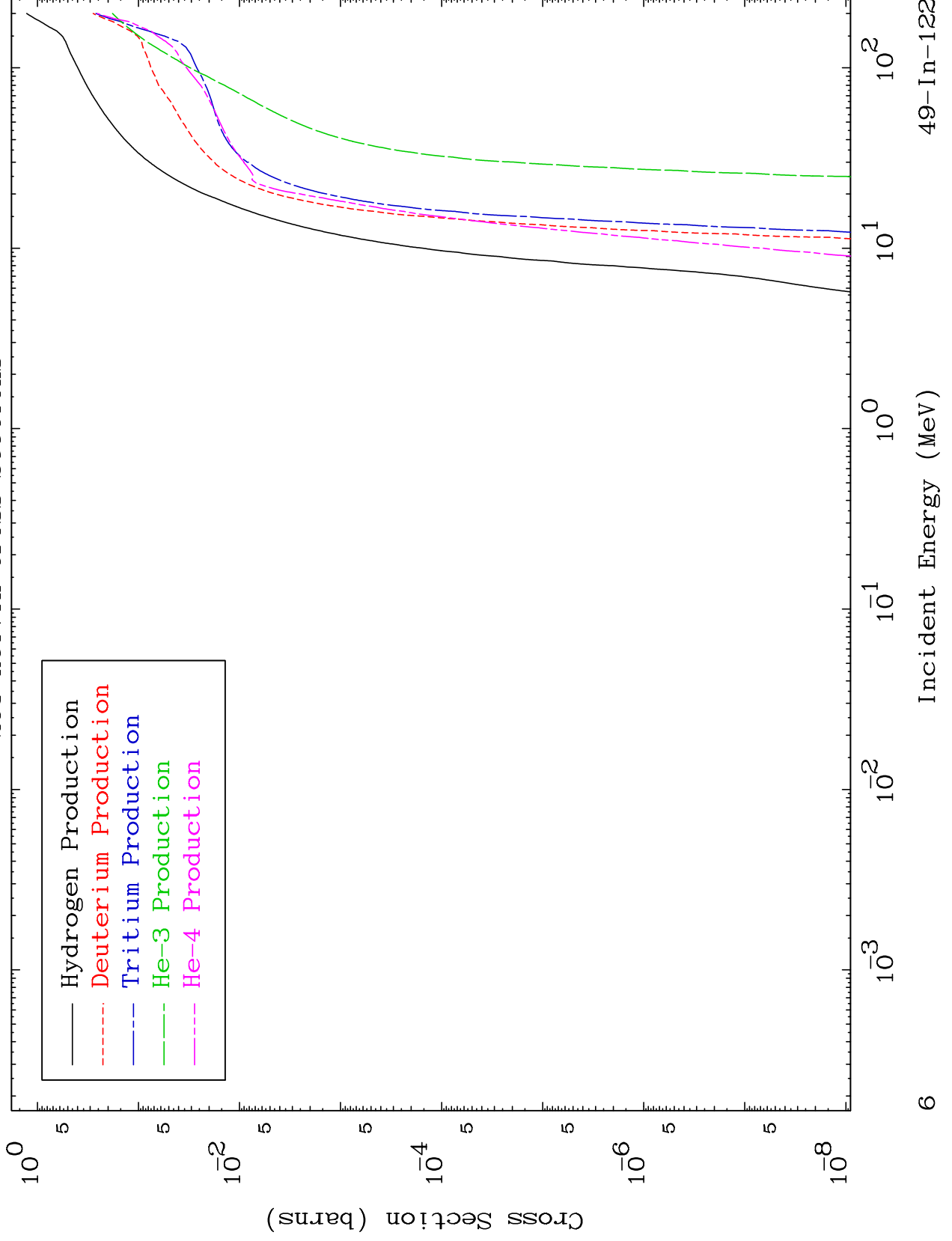
49-In-122



MAT 4953

Particle Production
293 Kelvin Cross Sections

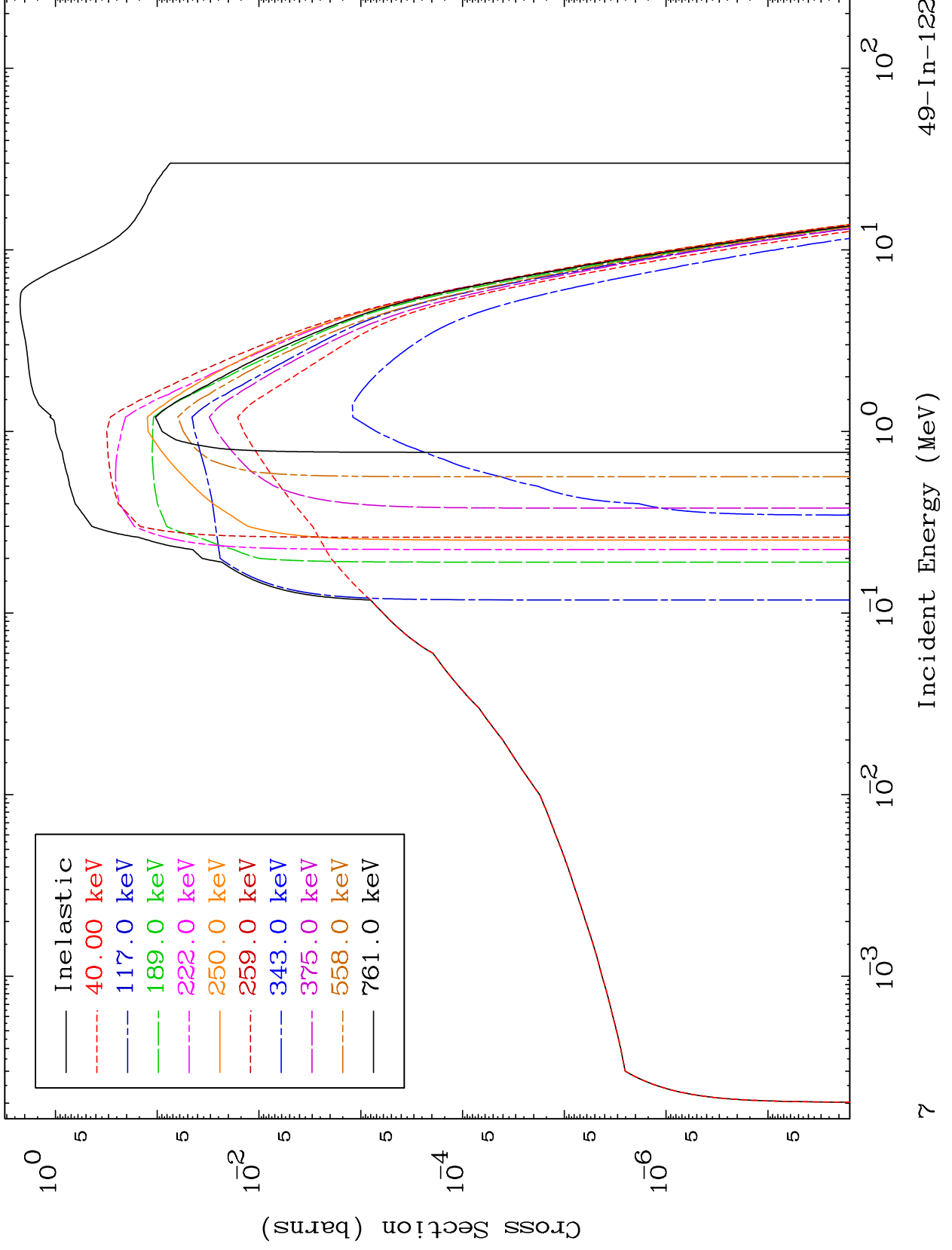
49-In-122



MAT 4953

(n,n') Level
293 Kelvin Cross Sections

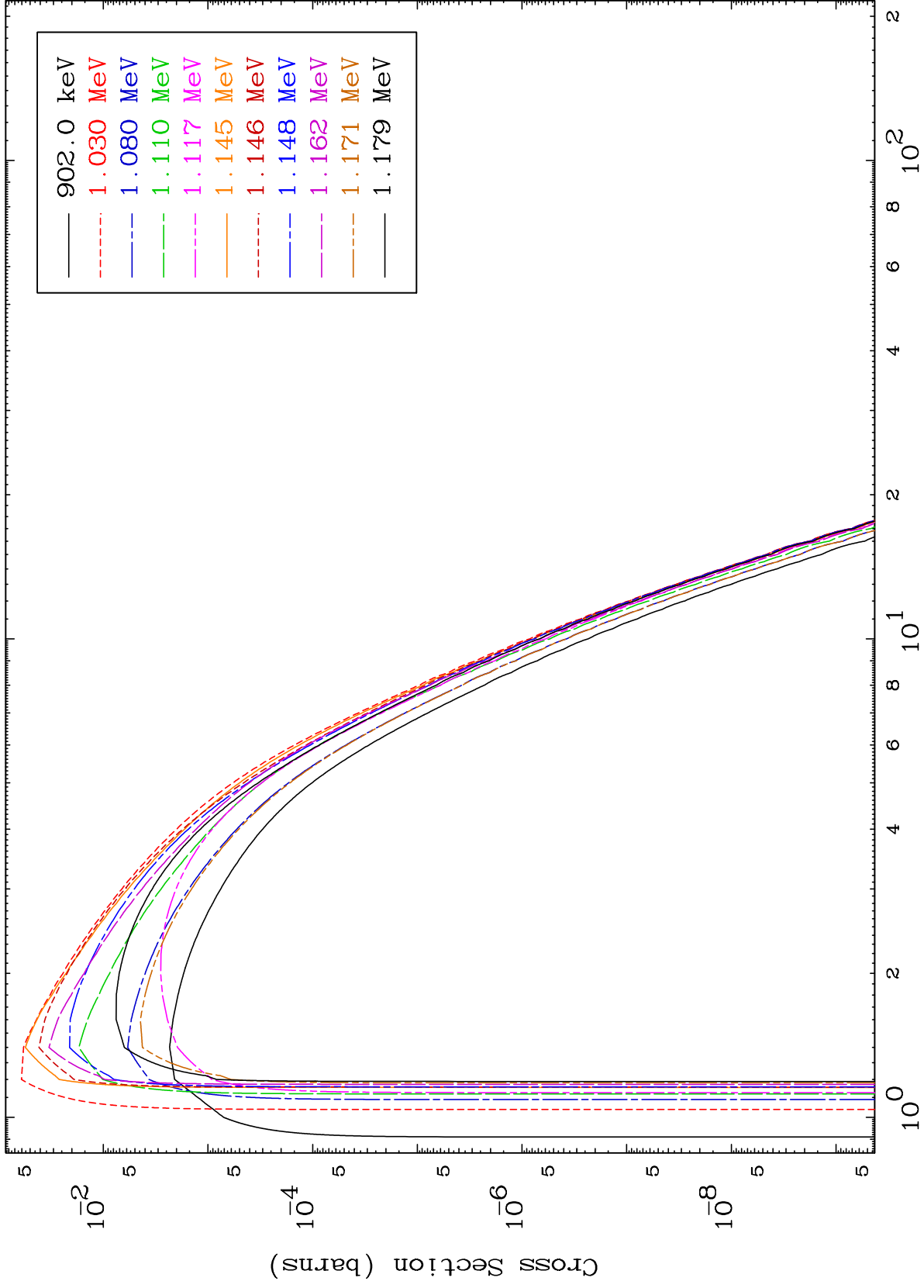
49-In-122



MAT 4953

(n,n') Level
293 Kelvin Cross Sections

49-In-122



Incident Energy (MeV)

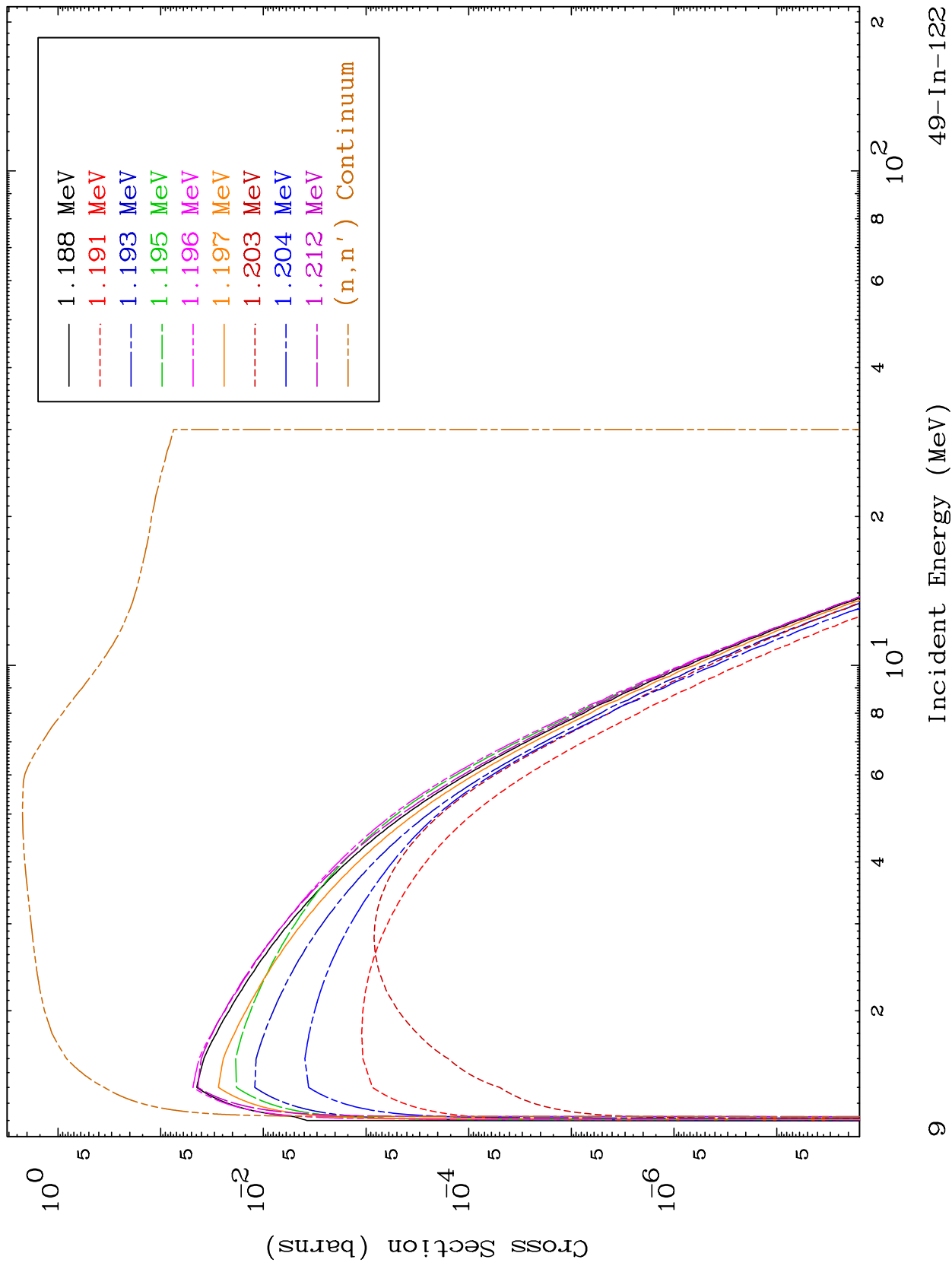
49-In-122

MAT 4953

(n,n') Level

49-In-122

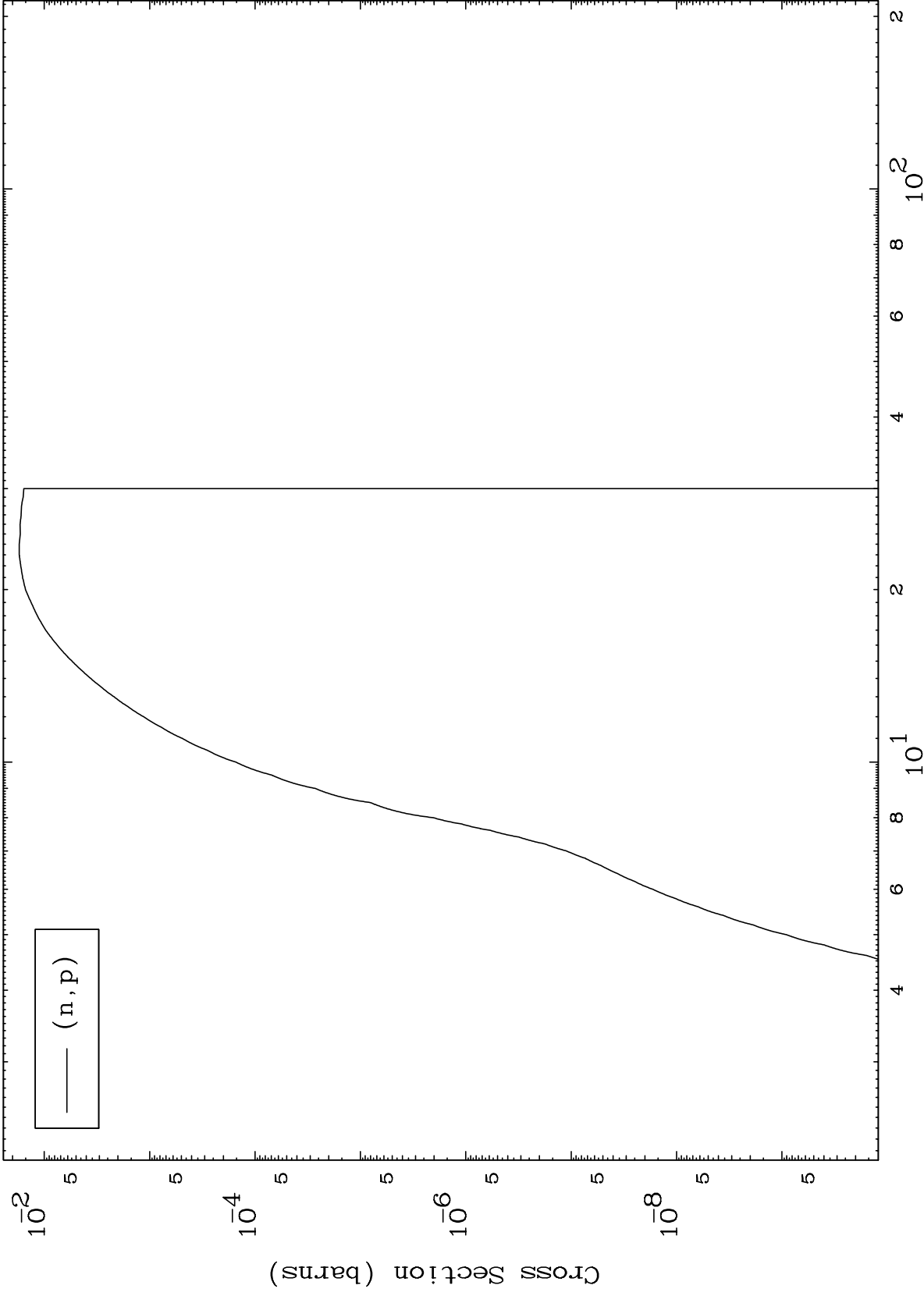
293 Kelvin Cross Sections



MAT 4953

(n,p) Levels
293 Kelvin Cross Sections

49-In-122



10

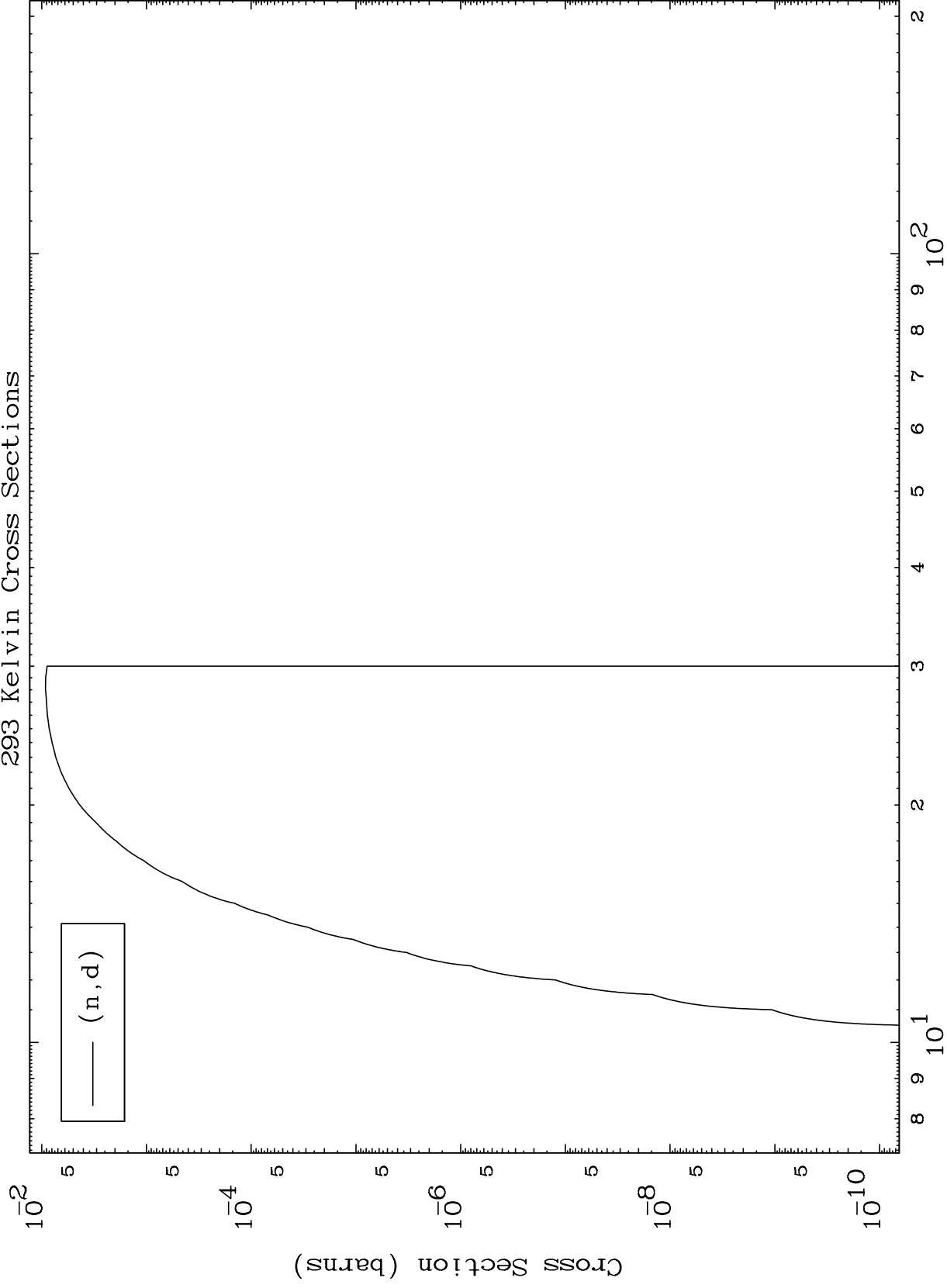
Incident Energy (MeV)

49-In-122

MAT 4953

(n,d) Levels
293 Kelvin Cross Sections

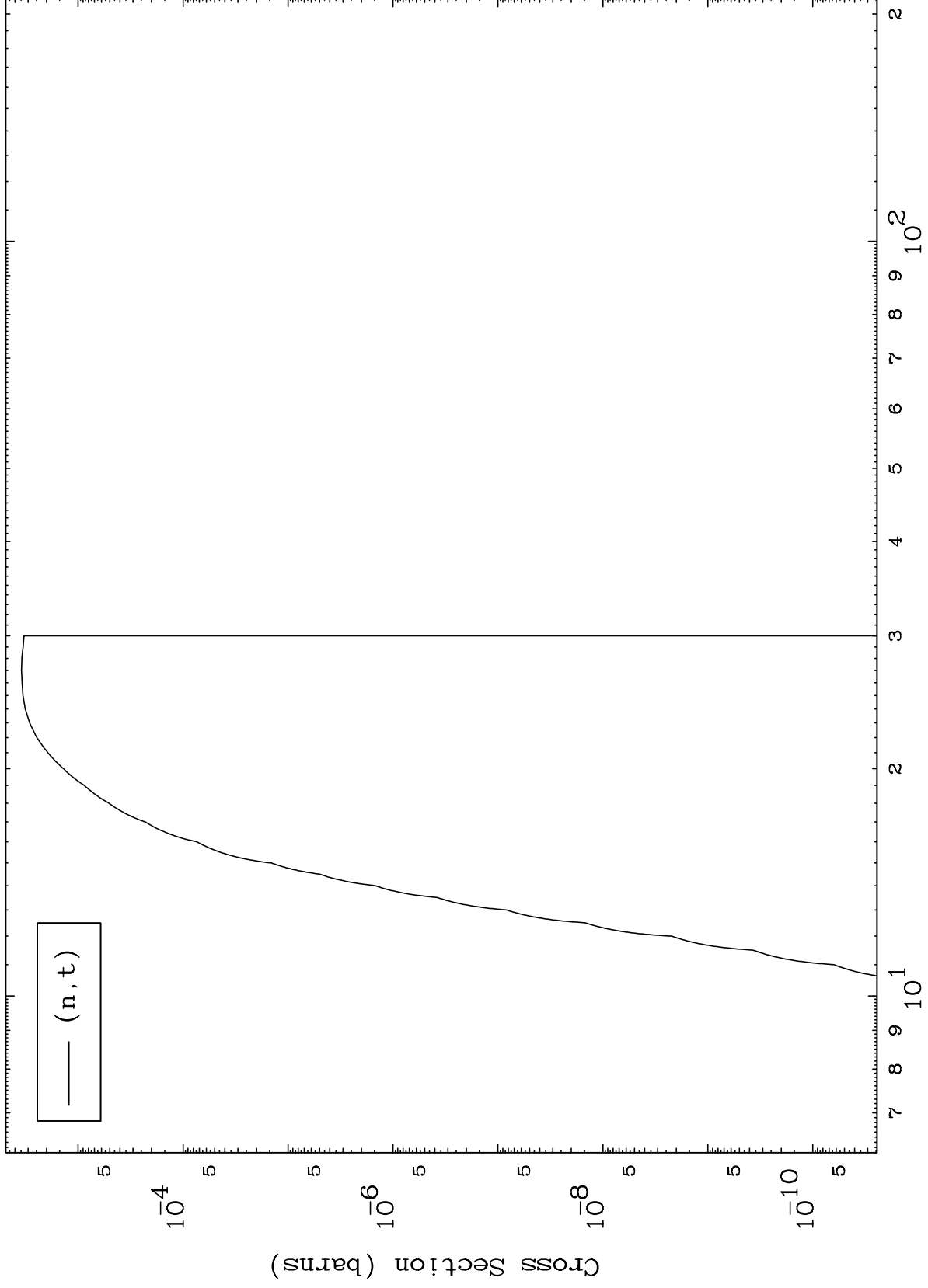
49-In-122



MAT 4953

(n,t) Levels
293 Kelvin Cross Sections

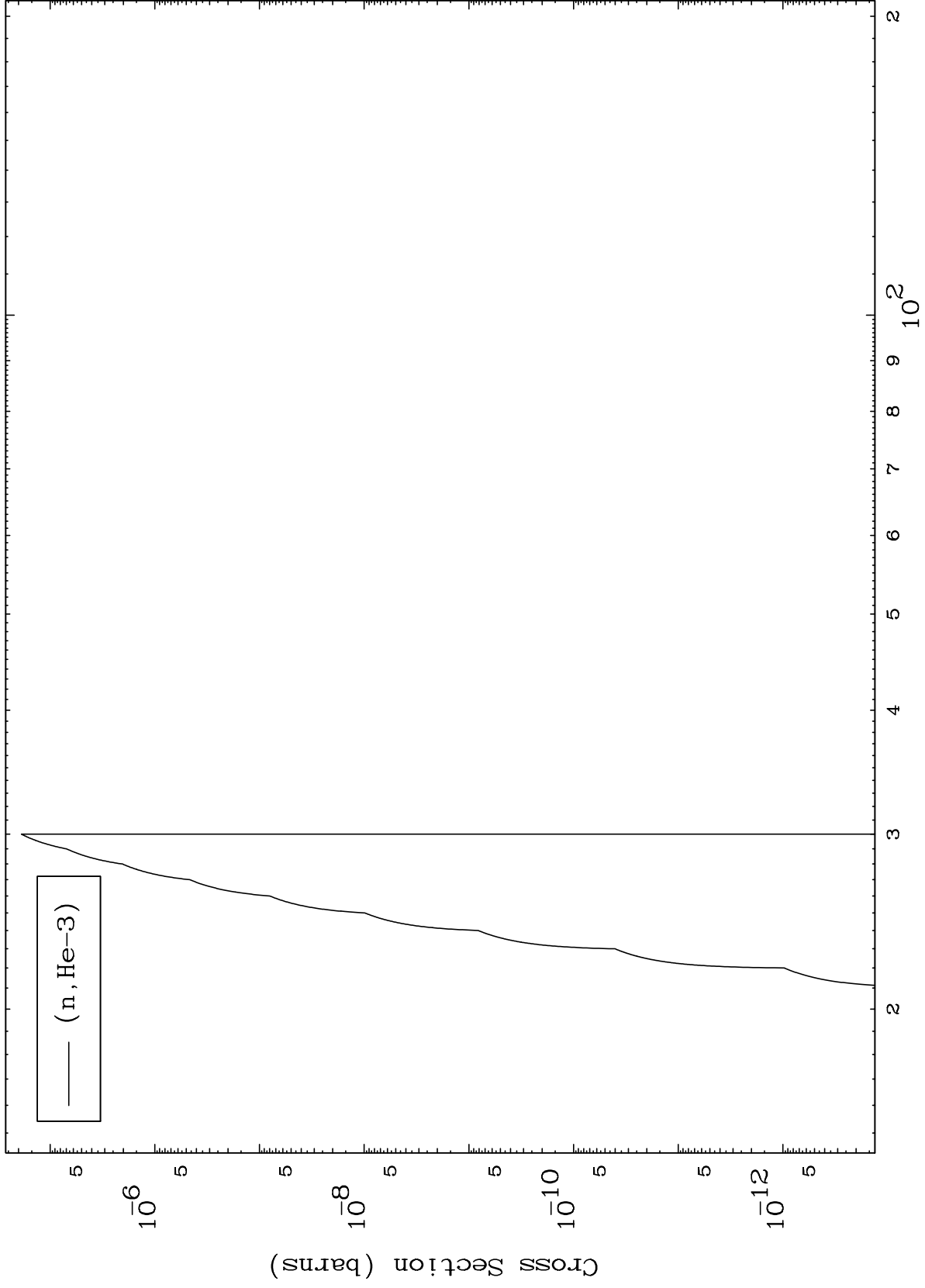
49-In-122



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Incident Energy (MeV)

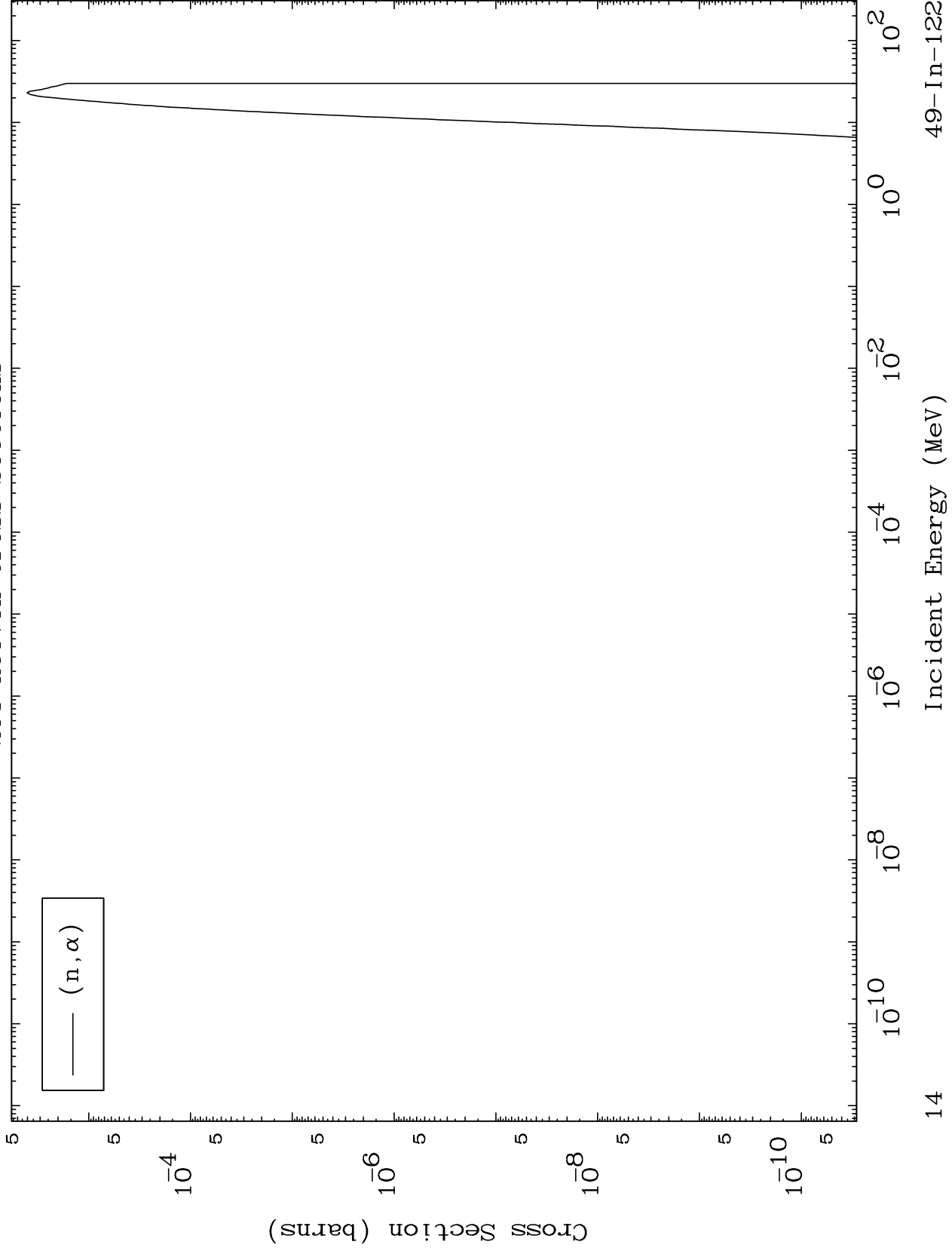
49-In-122

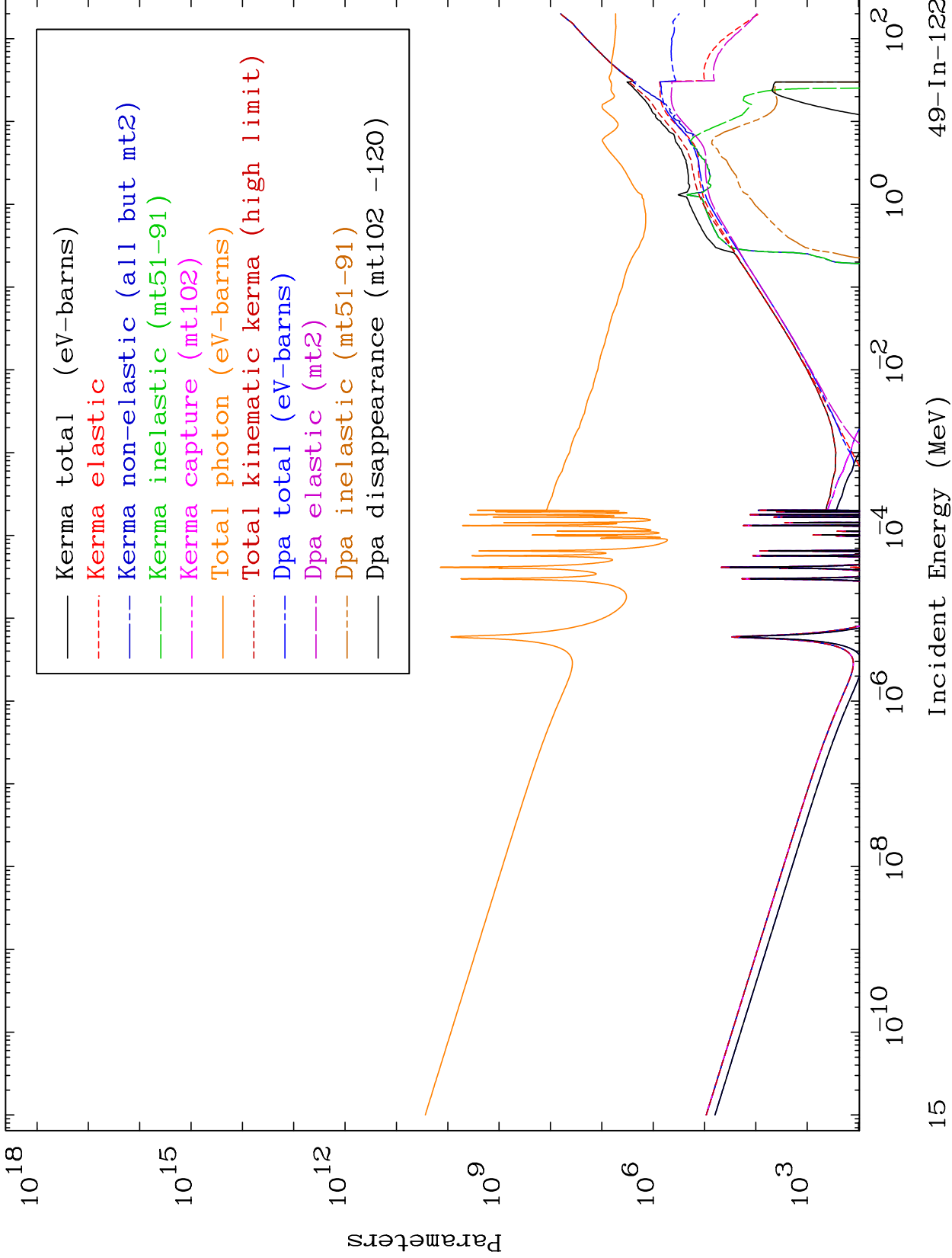


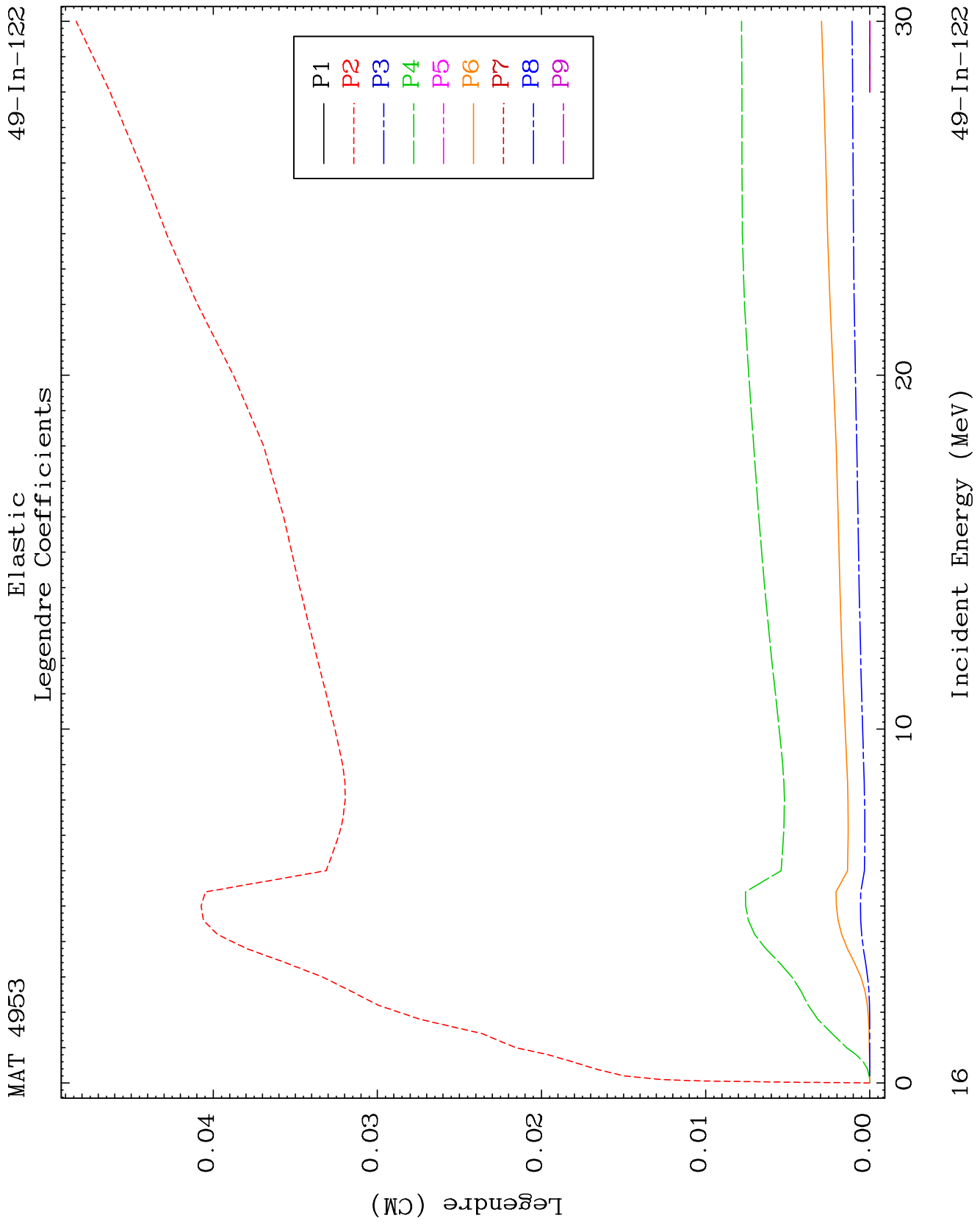
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(n, α) Levels
293 Kelvin Cross Sections

49-In-122



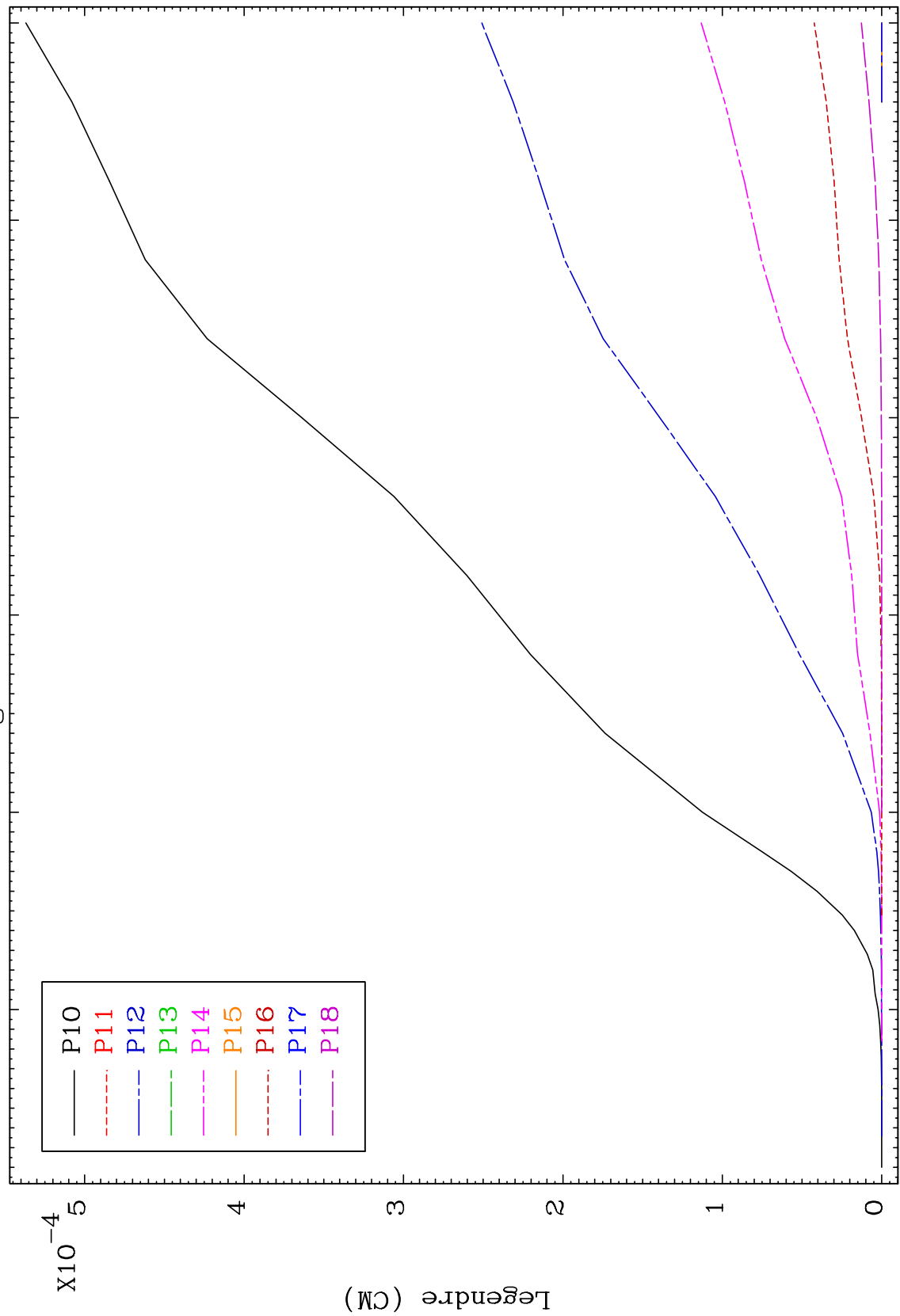




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Elastic Legendre Coefficients

49-In-122



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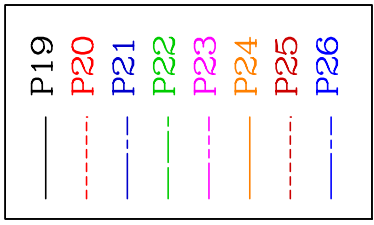
Incident Energy (MeV)

49-In-122

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Elastic Legendre Coefficients

49-In-122



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

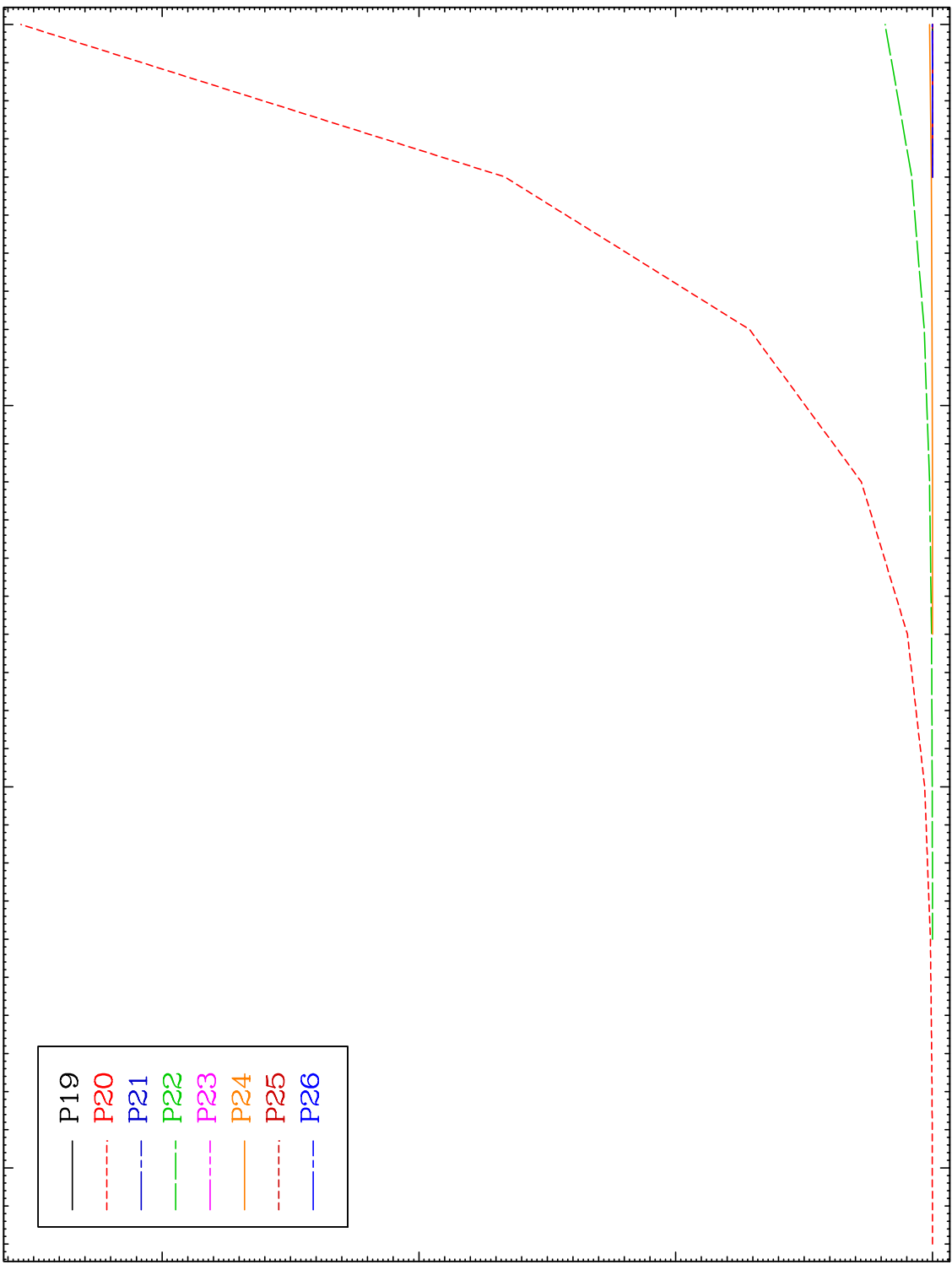
25

30

18

Incident Energy (MeV)

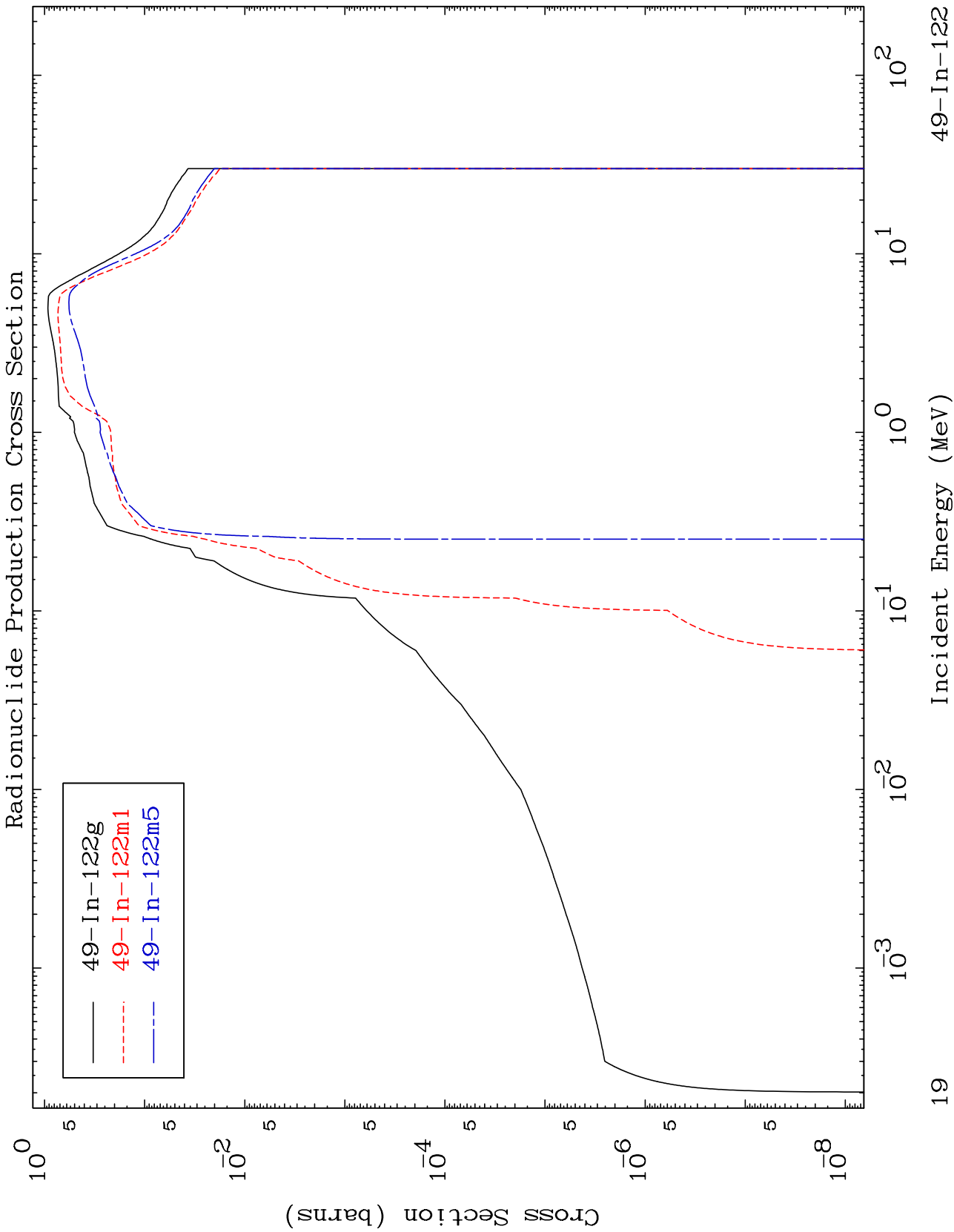
49-In-122



MAT 4953

49-In-122

Inelastic
Radionuclide Production Cross Section

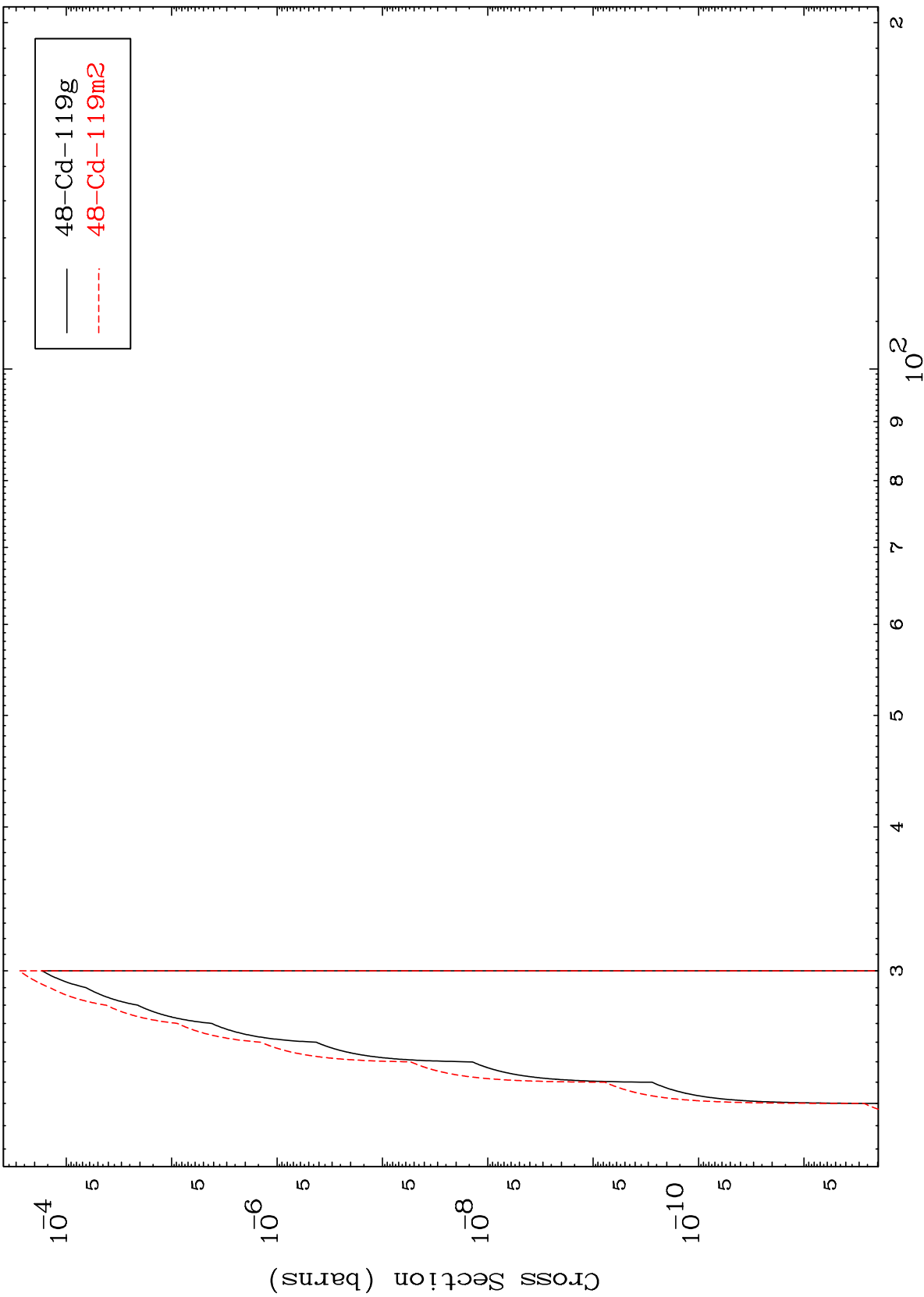


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(n,2n) d

49-In-122

Radionuclide Production Cross Section



20

Incident Energy (MeV)

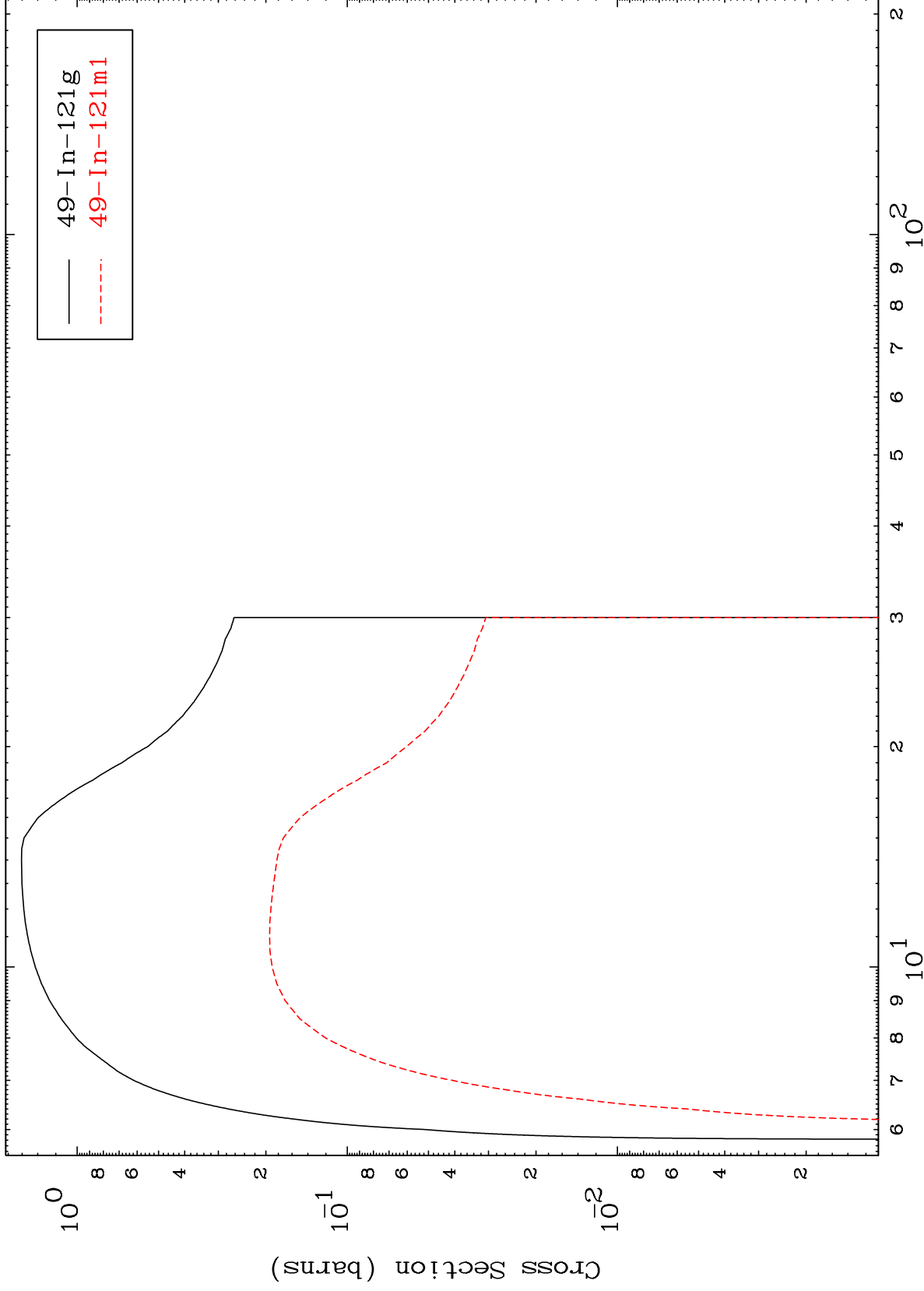
49-In-122

MAT 4953

(n,2n)

49-In-122

Radionuclide Production Cross Section

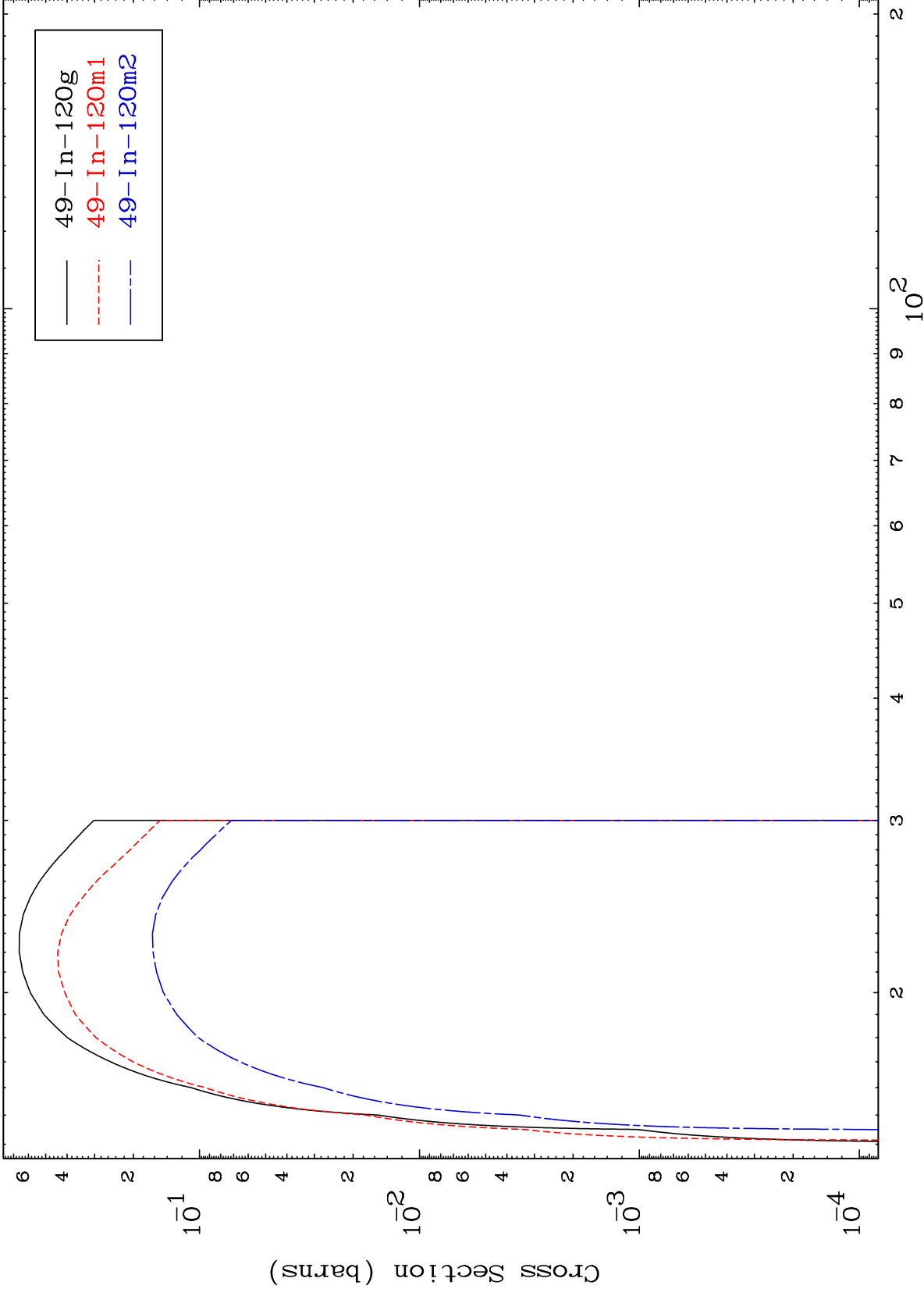


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Incident Energy (MeV)

49-In-122

Radionuclide Production Cross Section

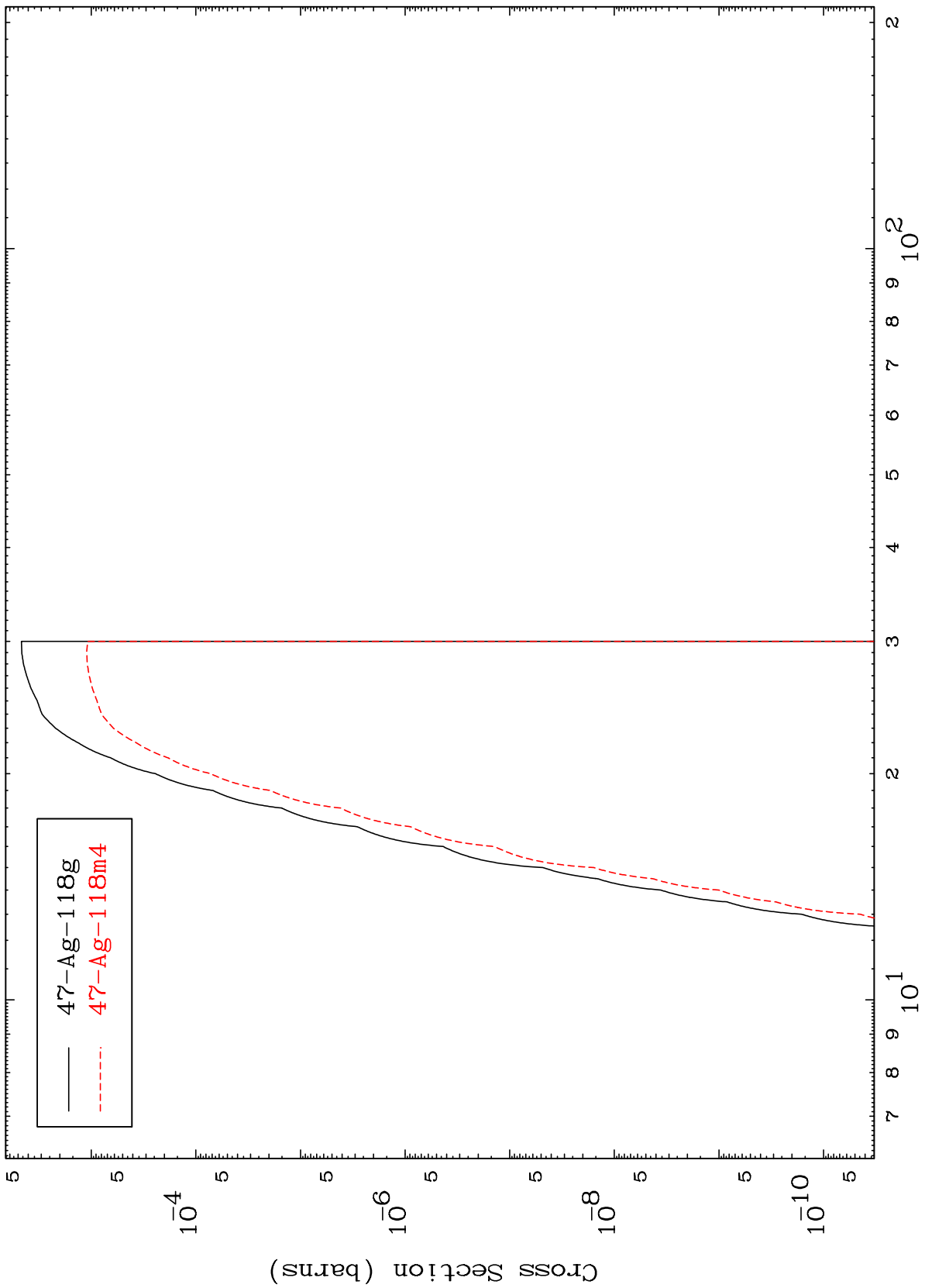


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(n,n') α

49-In-122

Radionuclide Production Cross Section

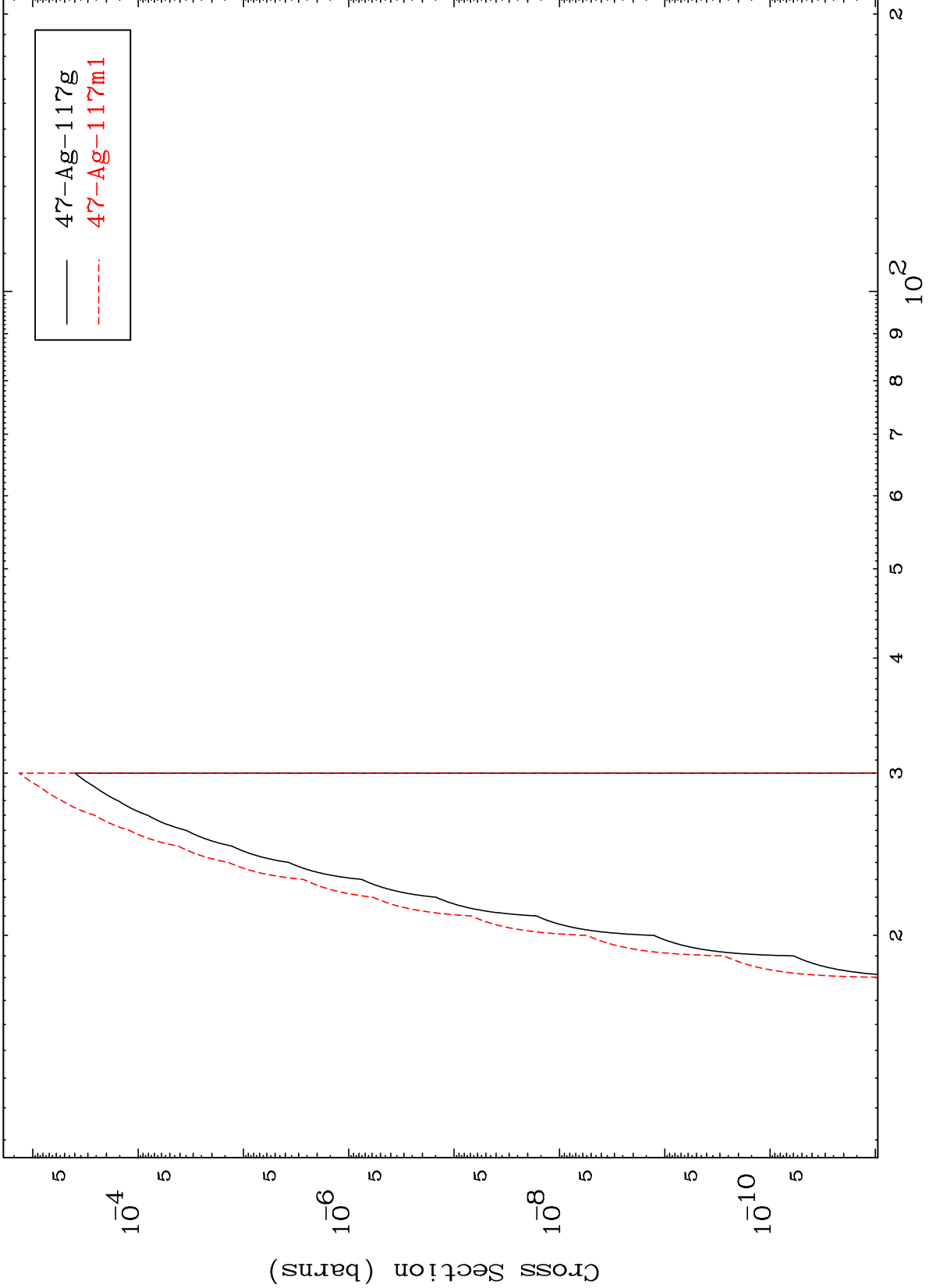


MAT 4953

(n,2n) α

49-In-122

Radionuclide Production Cross Section



47-Ag-117g
47-Ag-117m1

24

Incident Energy (MeV)

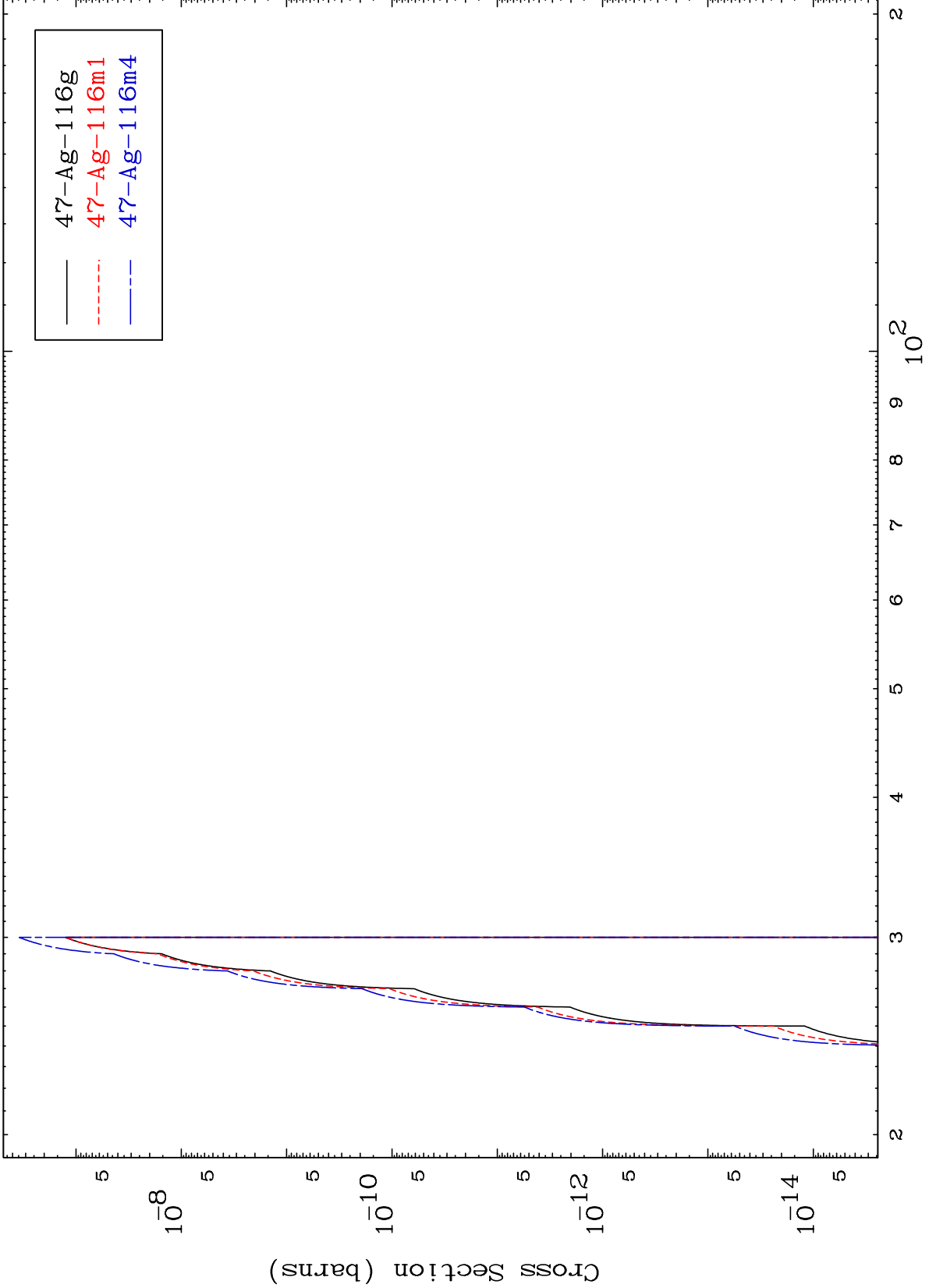
49-In-122

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(n,3n) α

49-In-122

Radionuclide Production Cross Section



25

Incident Energy (MeV)

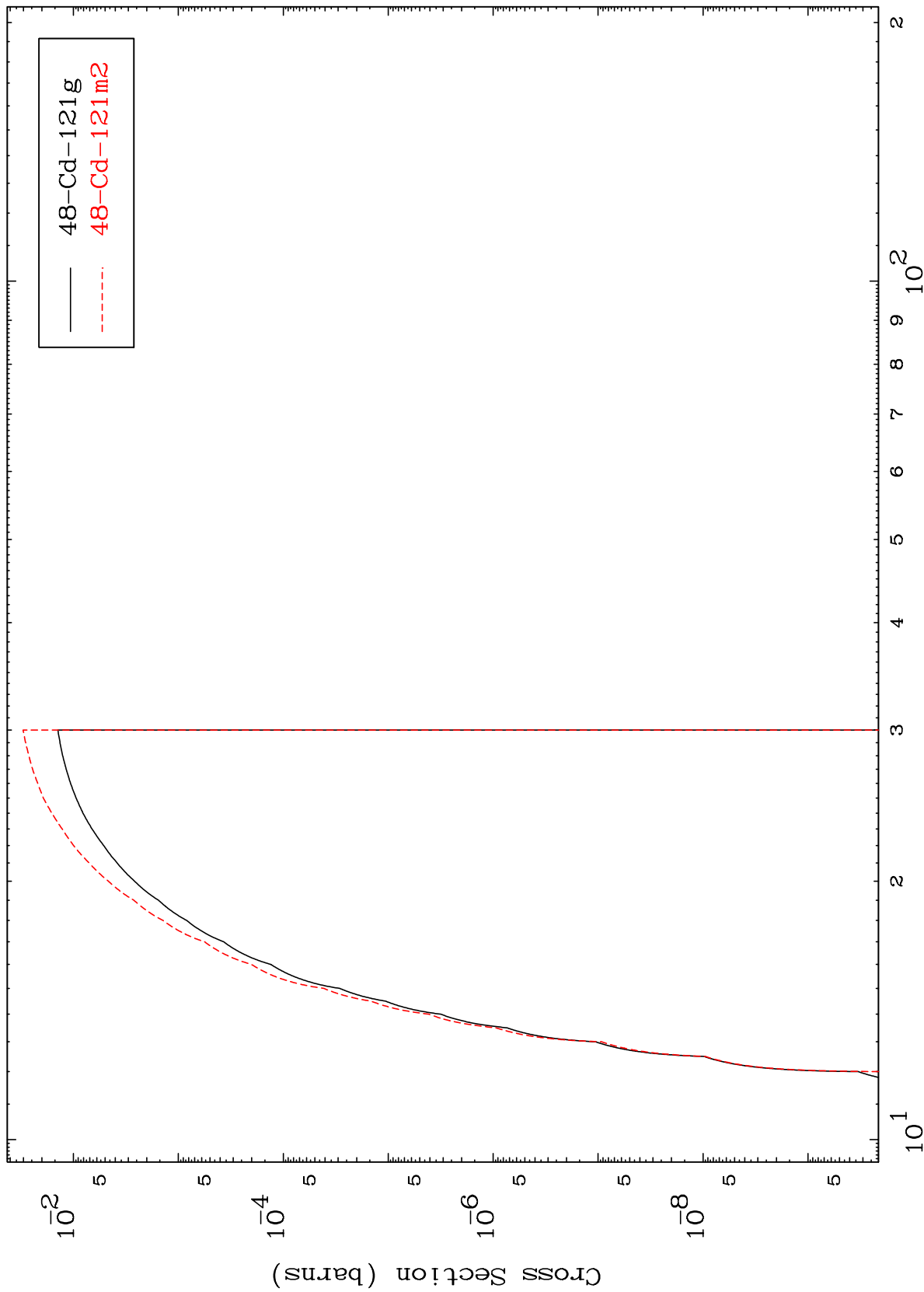
49-In-122

MAT 4953

(n,n') p

49-In-122

Radionuclide Production Cross Section

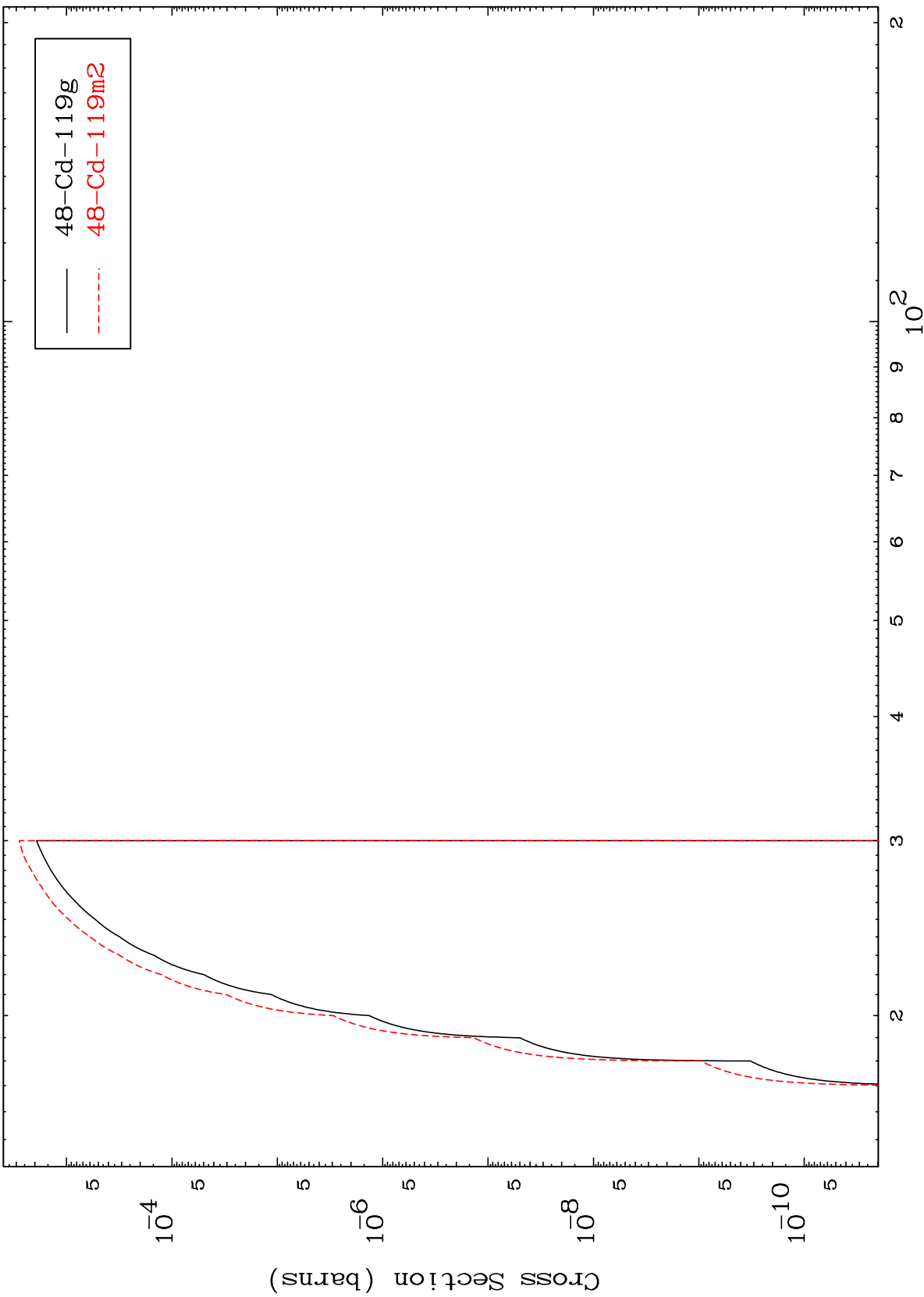


26

Incident Energy (MeV)

49-In-122

Radionuclide Production Cross Section

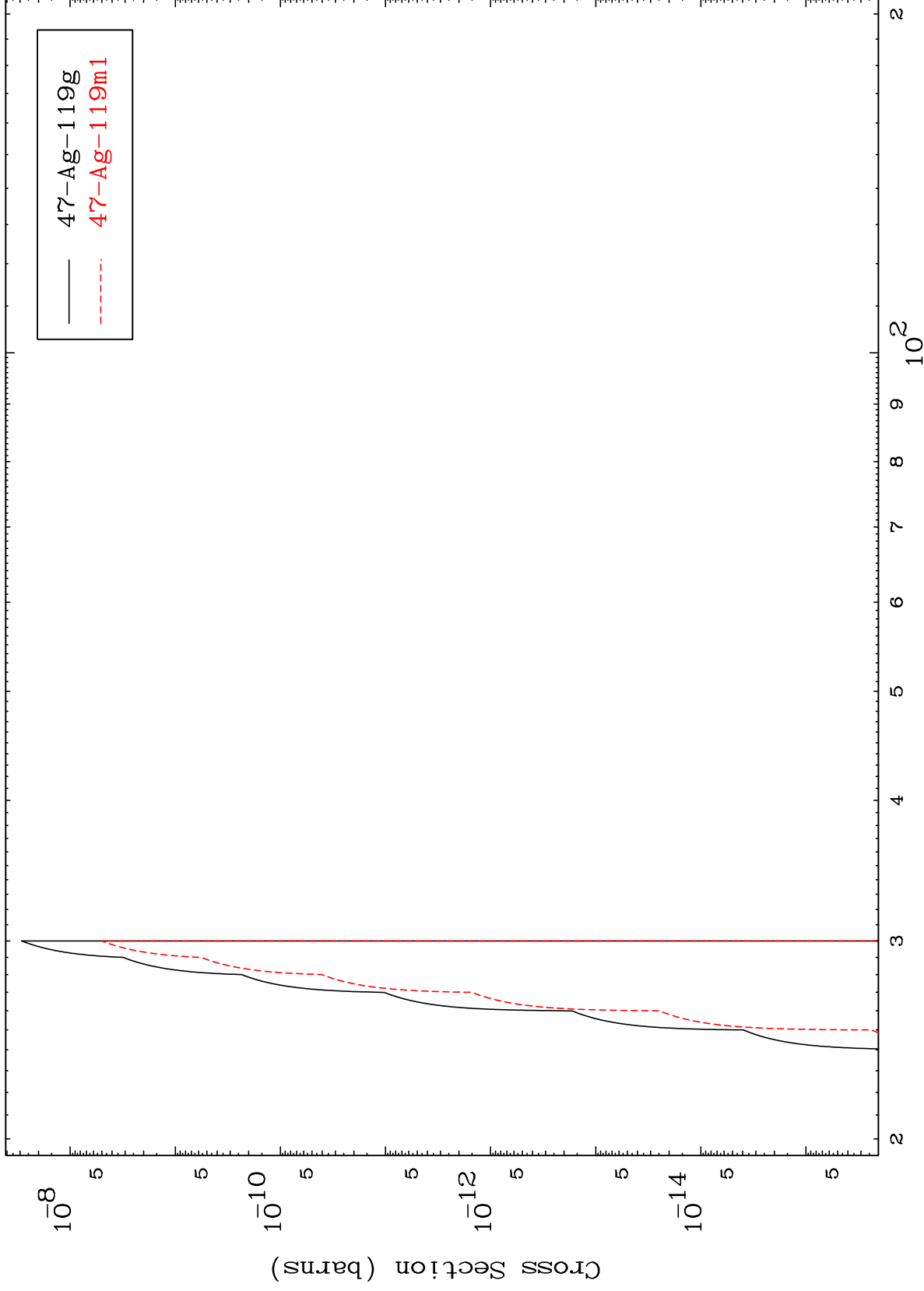


MAT 4953

(n,n') He-3

49-In-122

Radionuclide Production Cross Section



47-Ag-119g
47-Ag-119m1

28

Incident Energy (MeV)

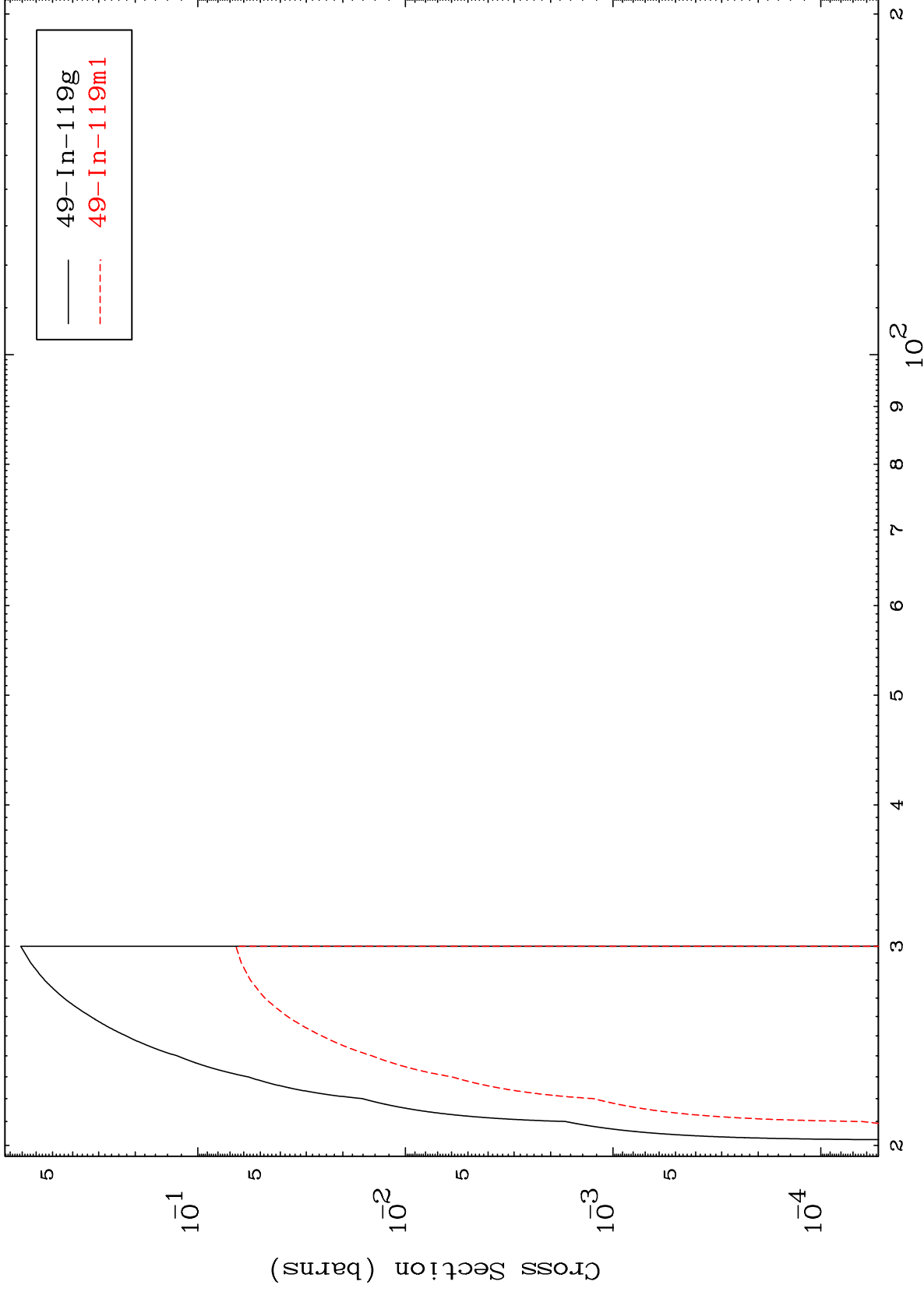
49-In-122

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(n,4n)

49-In-122

Radionuclide Production Cross Section



29

Incident Energy (MeV)

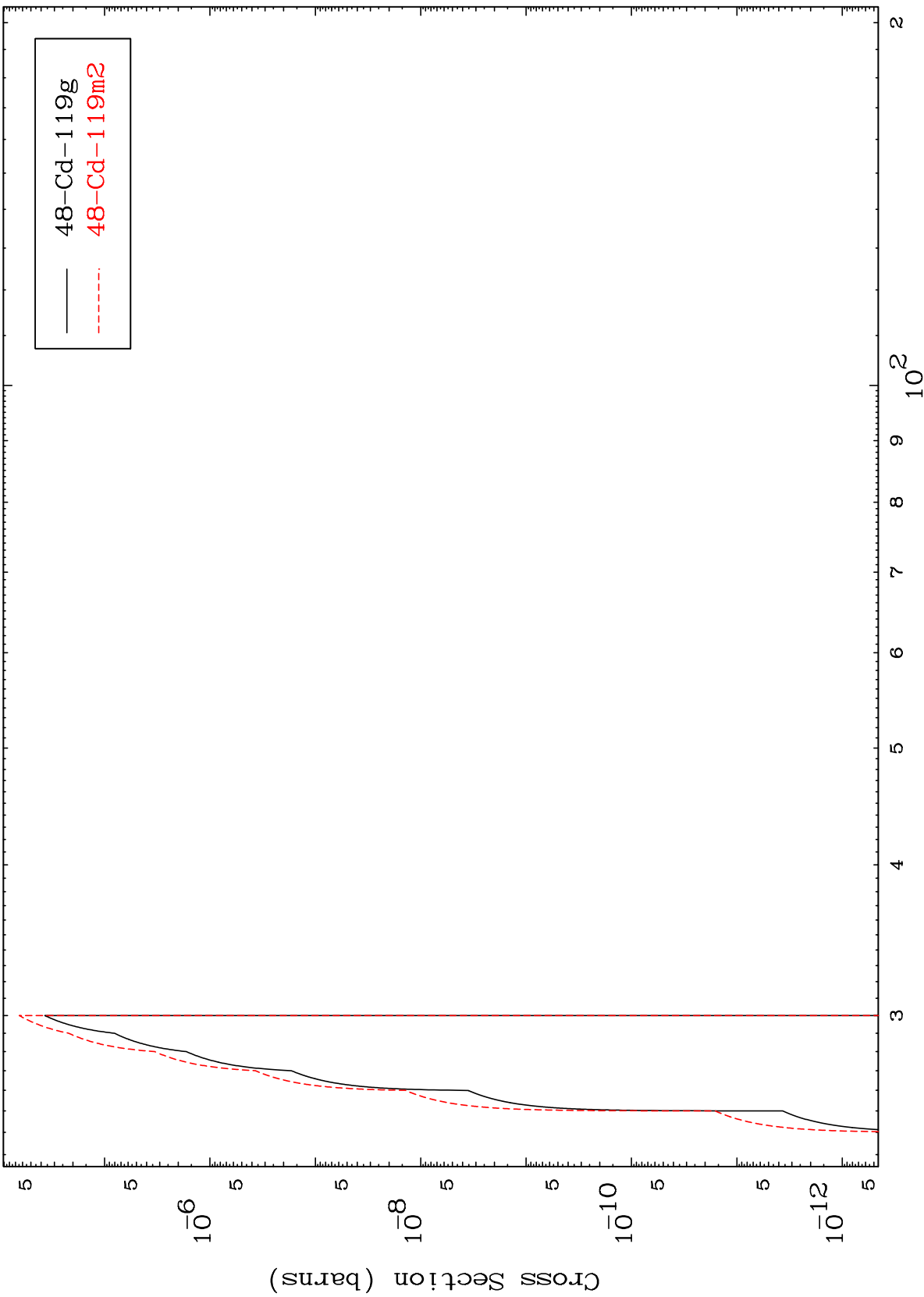
49-In-122

MAT 4953

(n,3n) p

49-In-122

Radionuclide Production Cross Section



— 48-Cd-119g
- - - 48-Cd-119m2

30

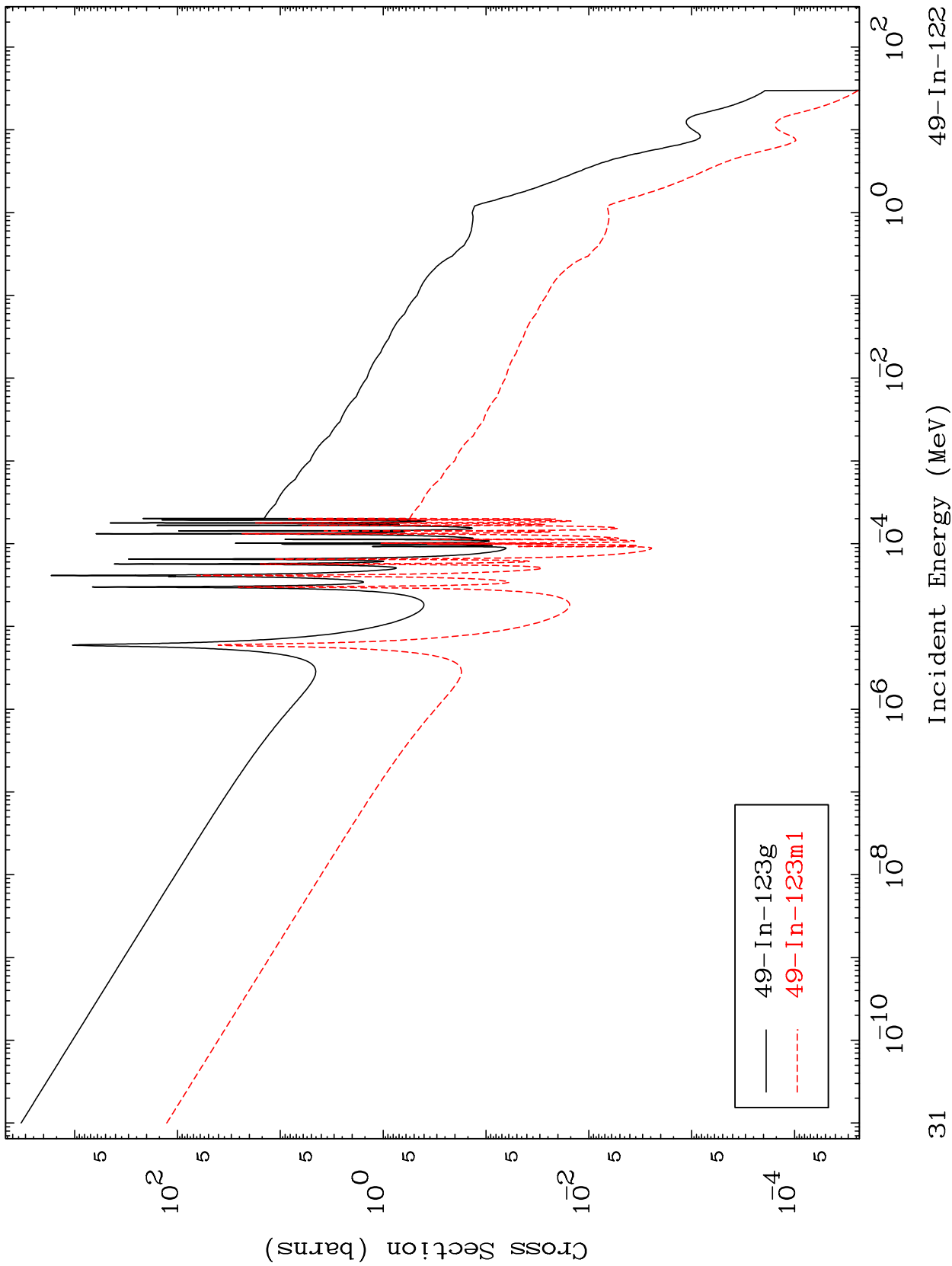
Incident Energy (MeV)

49-In-122

MAT 4953

49-In-122

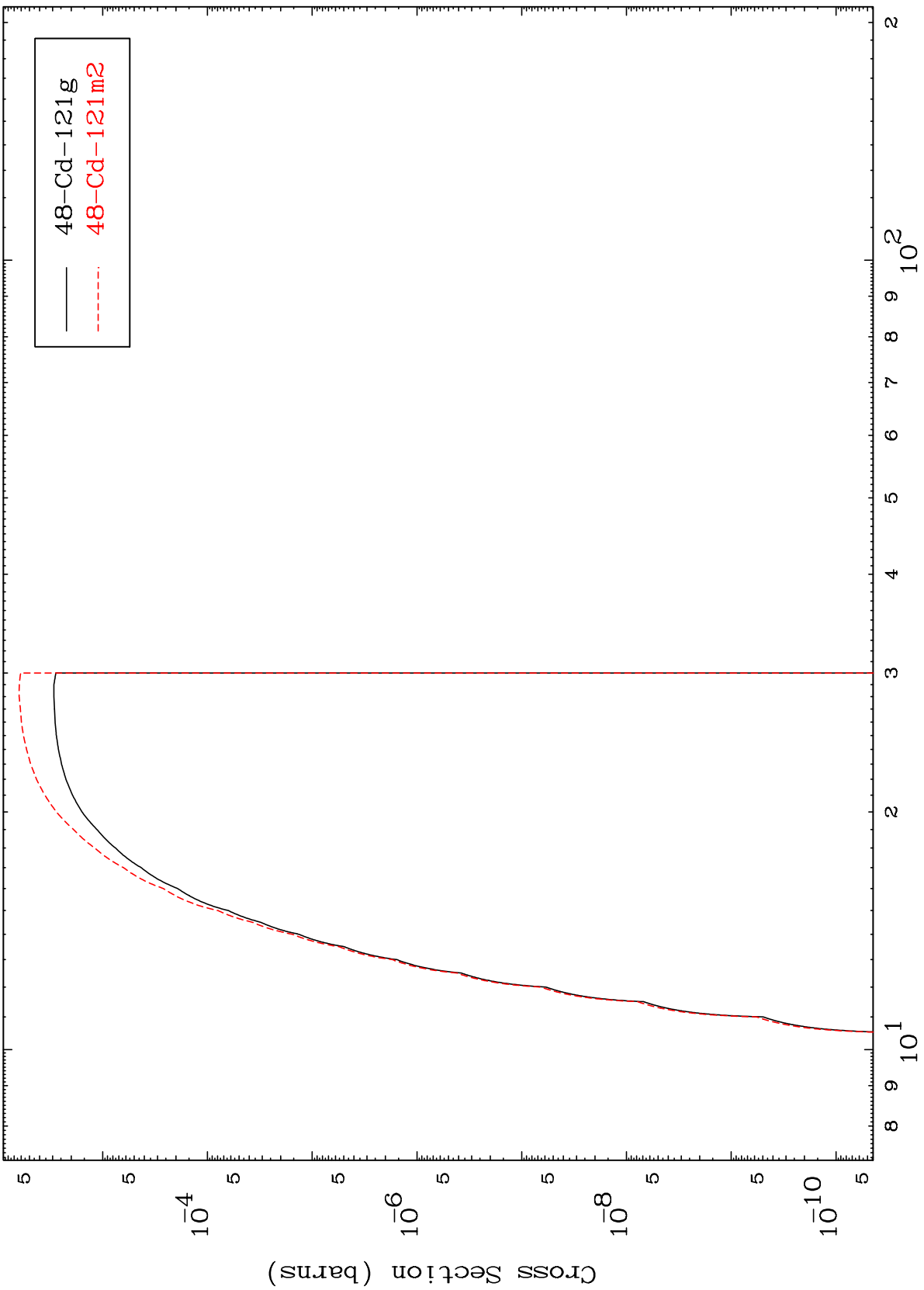
(n, γ)
Radionuclide Production Cross Section



MAT 4953

49-In-122

(n,d)
Radionuclide Production Cross Section

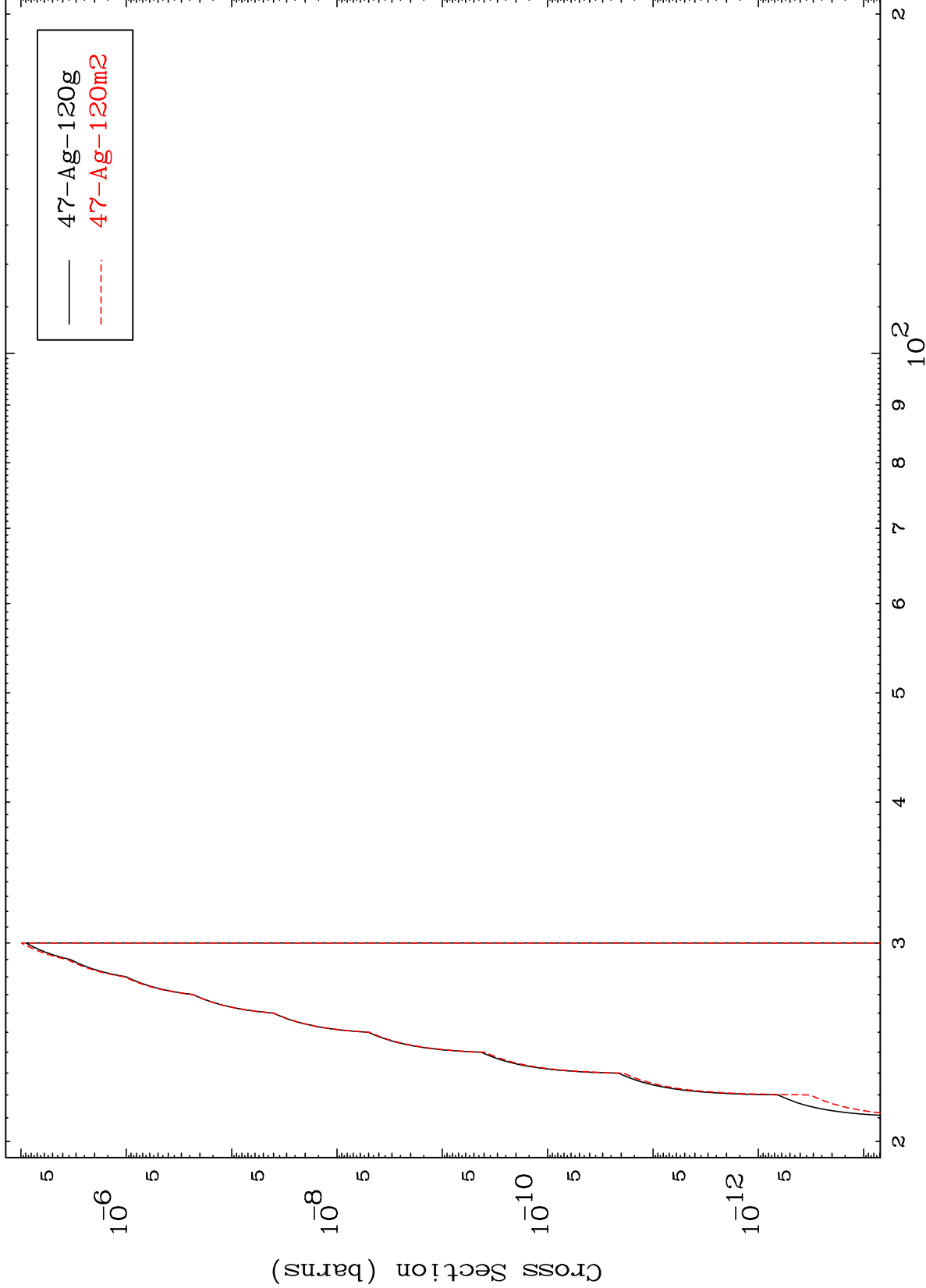


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Incident Energy (MeV)

49-In-122

Radionuclide Production Cross Section

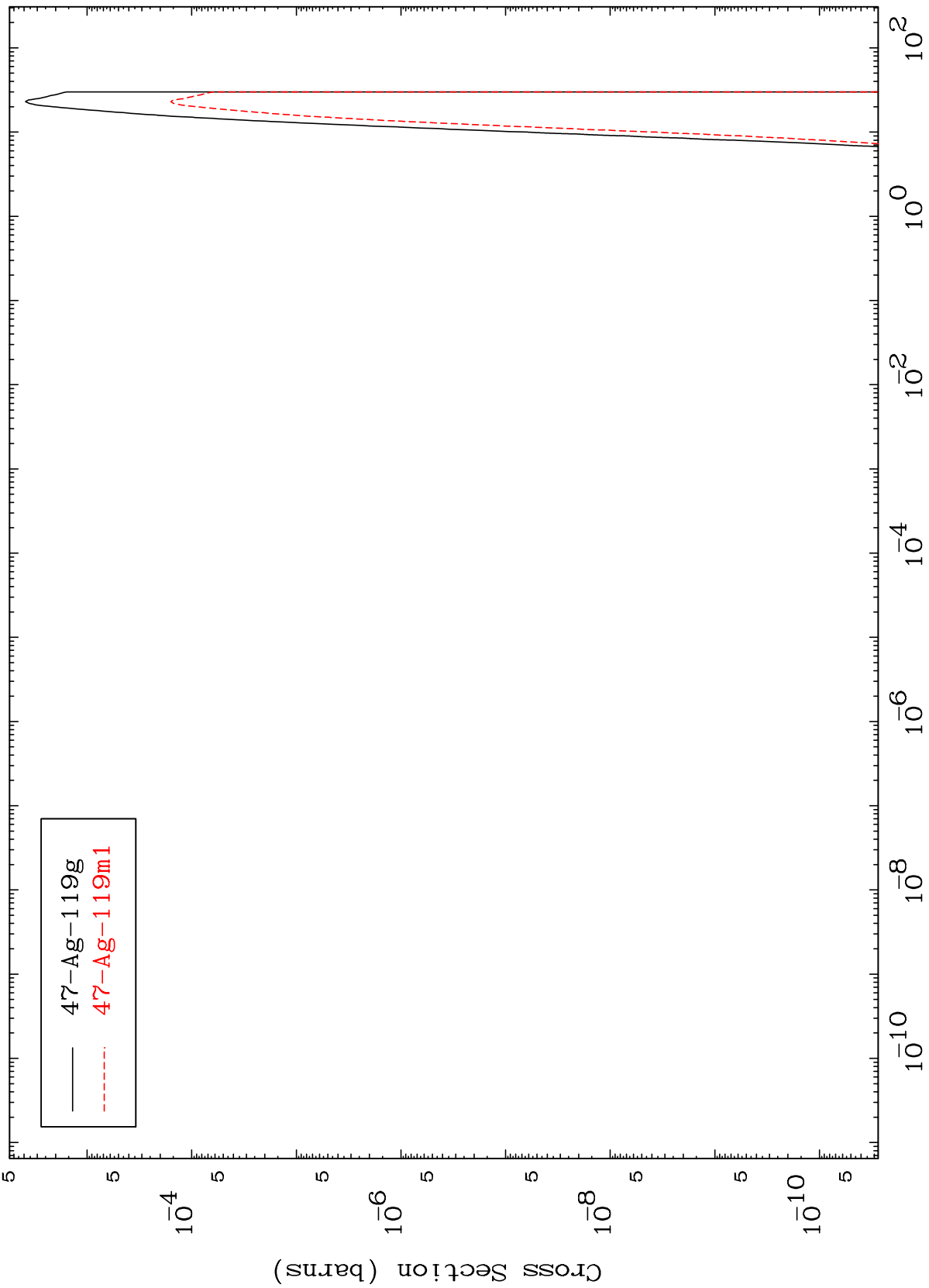


MAT 4953

(n, α)

49-In-122

Radionuclide Production Cross Section



— 47-Ag-119g
- - - 47-Ag-119m1