

Program EVALPLOT
(Version 2018-1)

by

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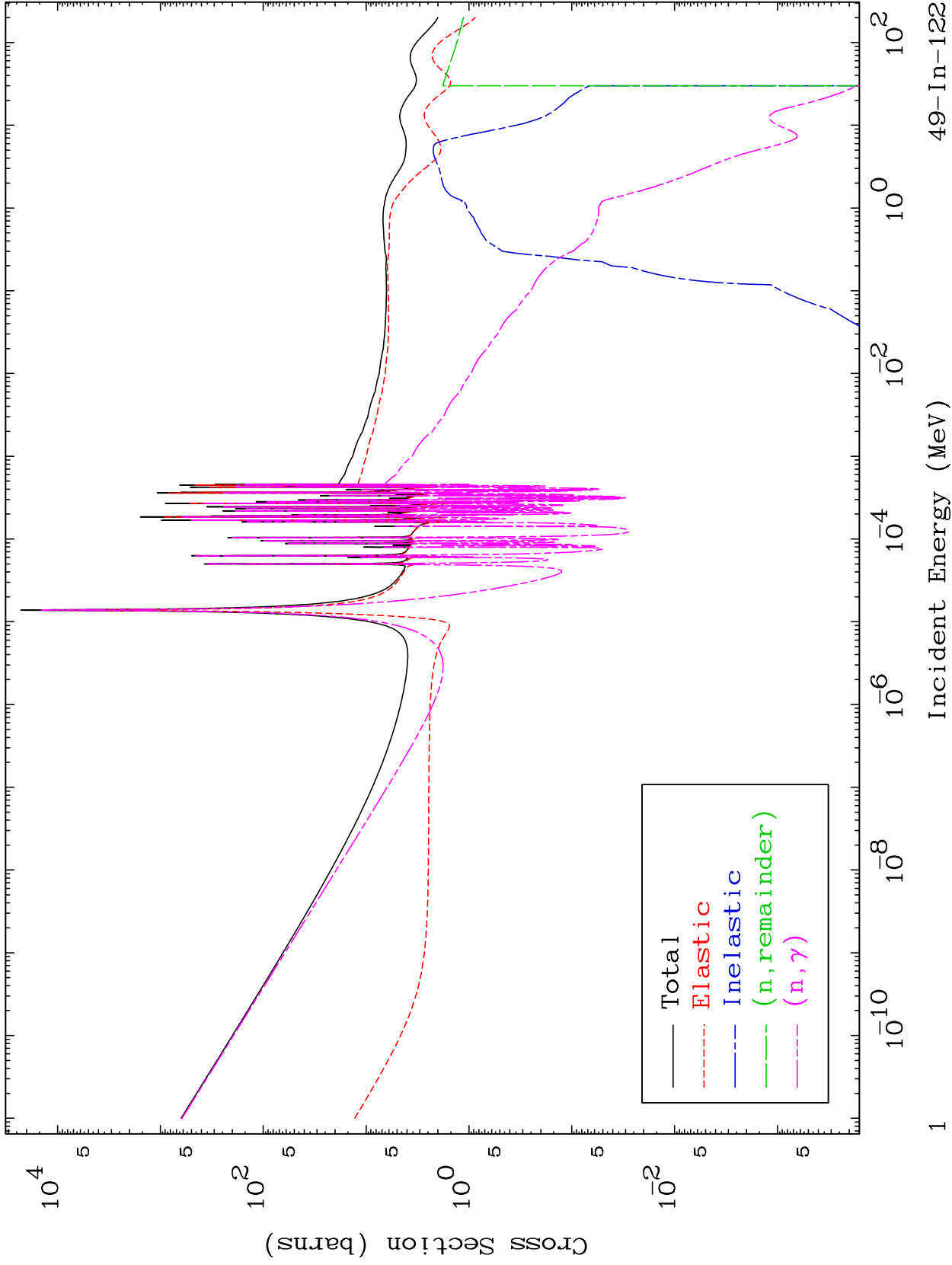
Press Mouse Button to Start

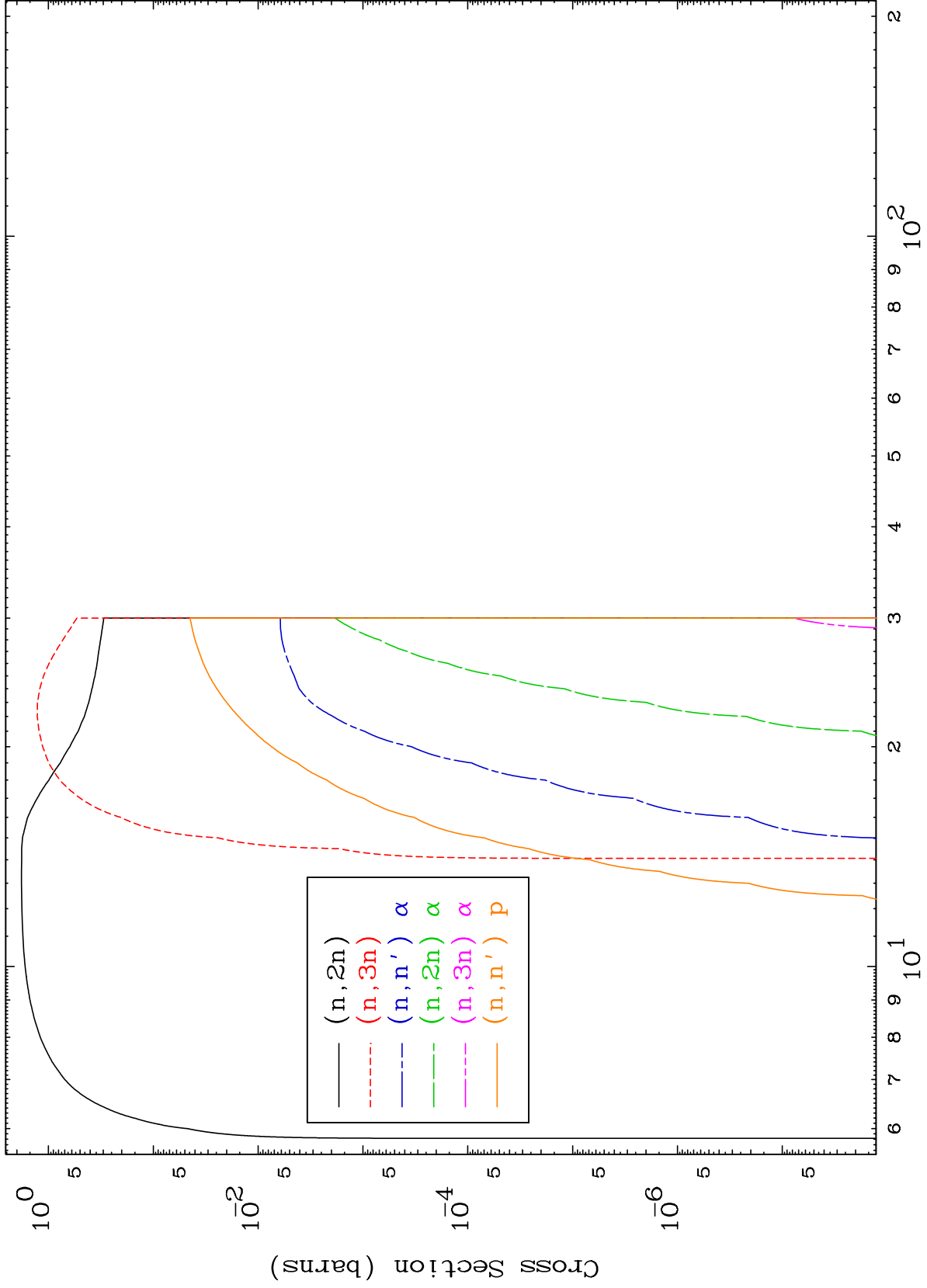
MAT 4953

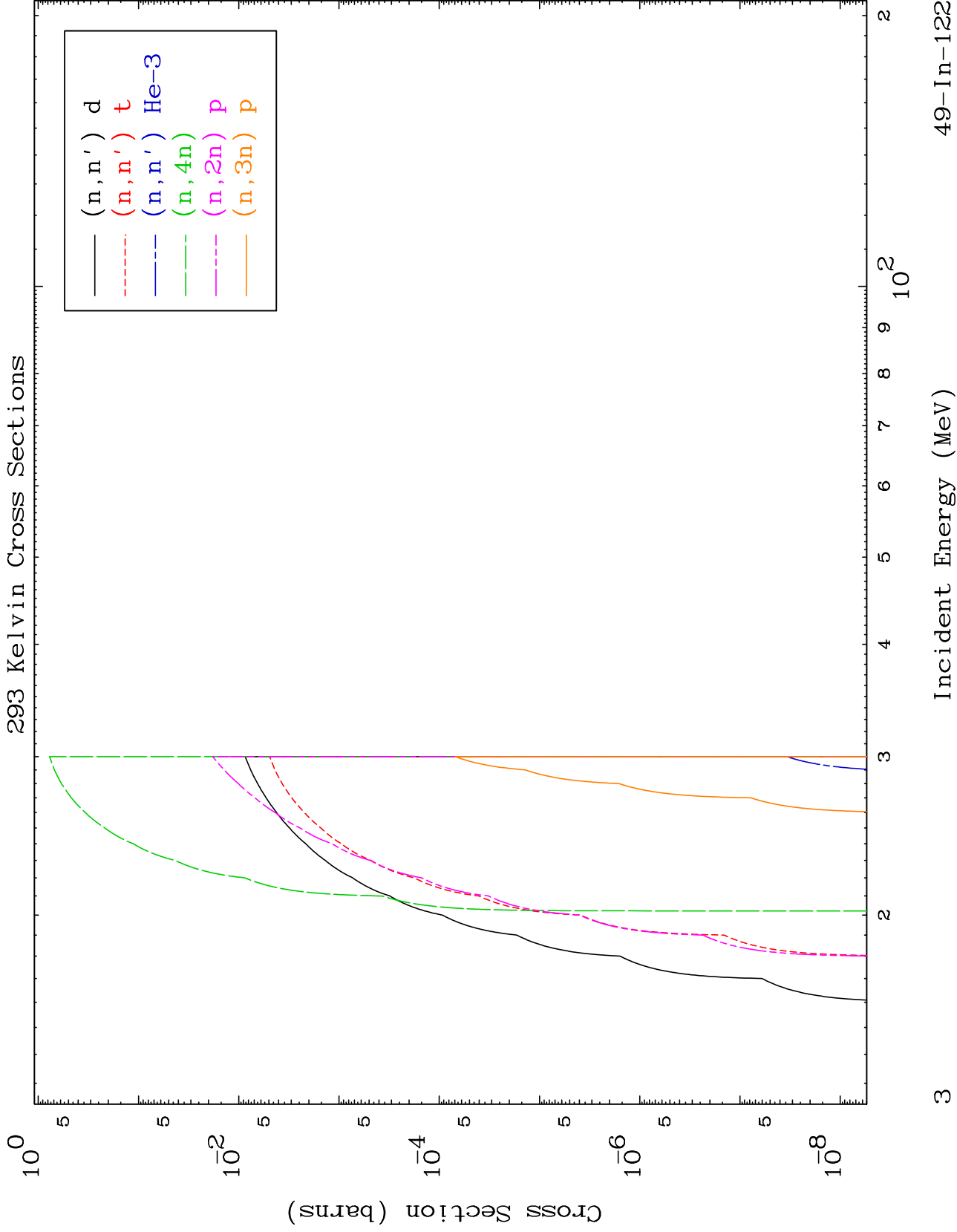
Major

293 Kelvin Cross Sections

49-In-122



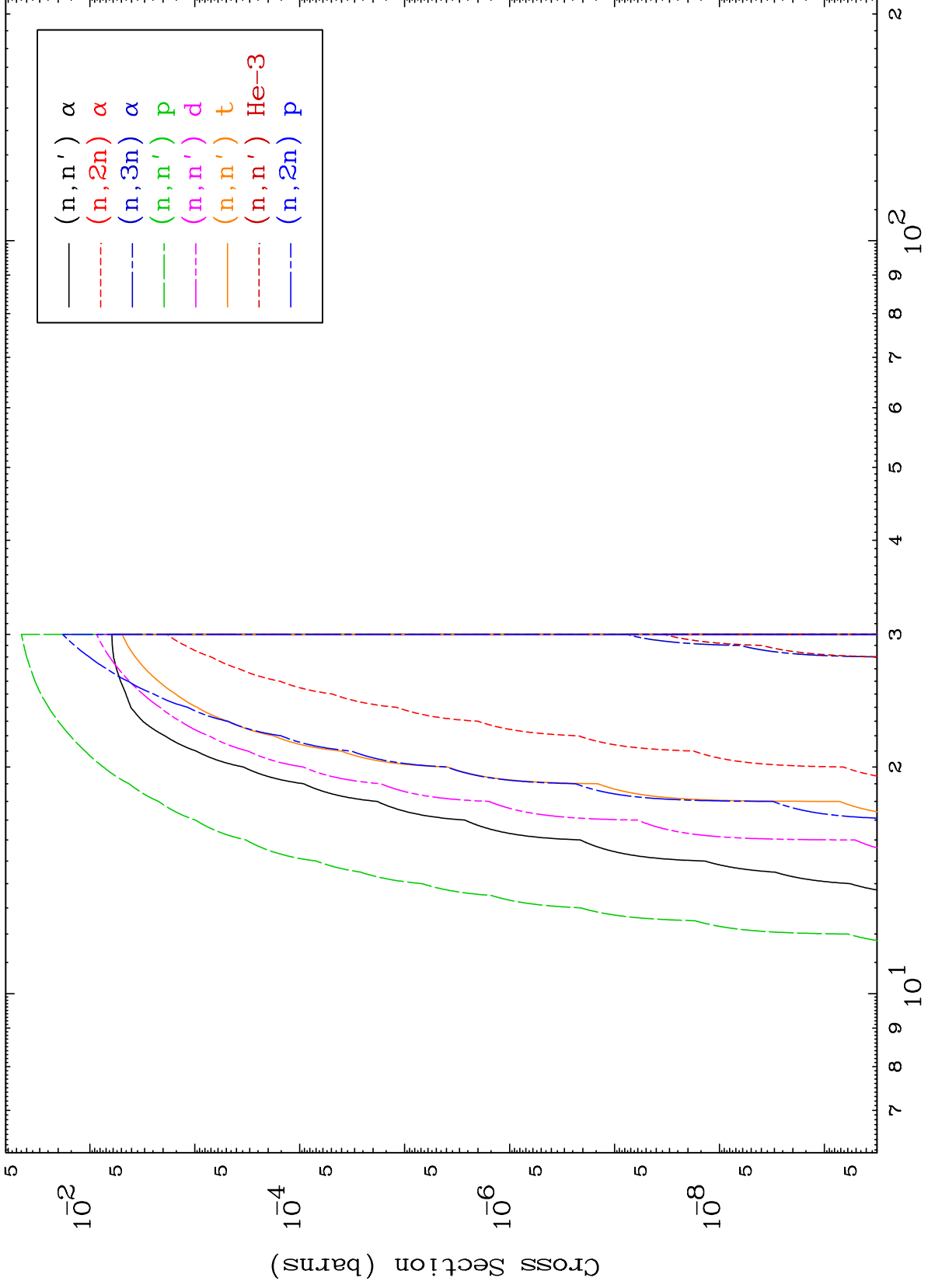




MAT 4953

Charged Particle
293 Kelvin Cross Sections

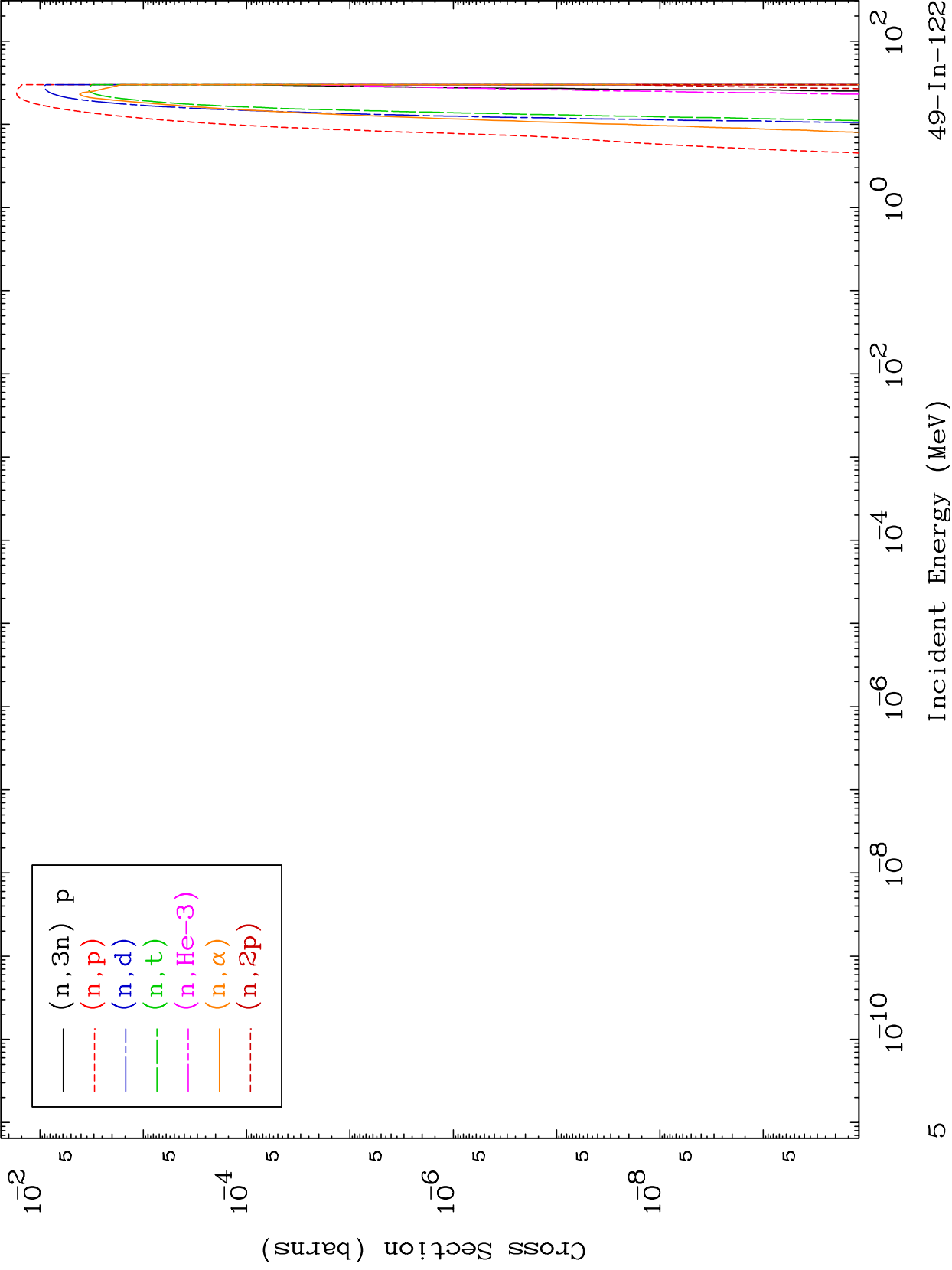
49-In-122



MAT 4953

Charged Particle
293 Kelvin Cross Sections

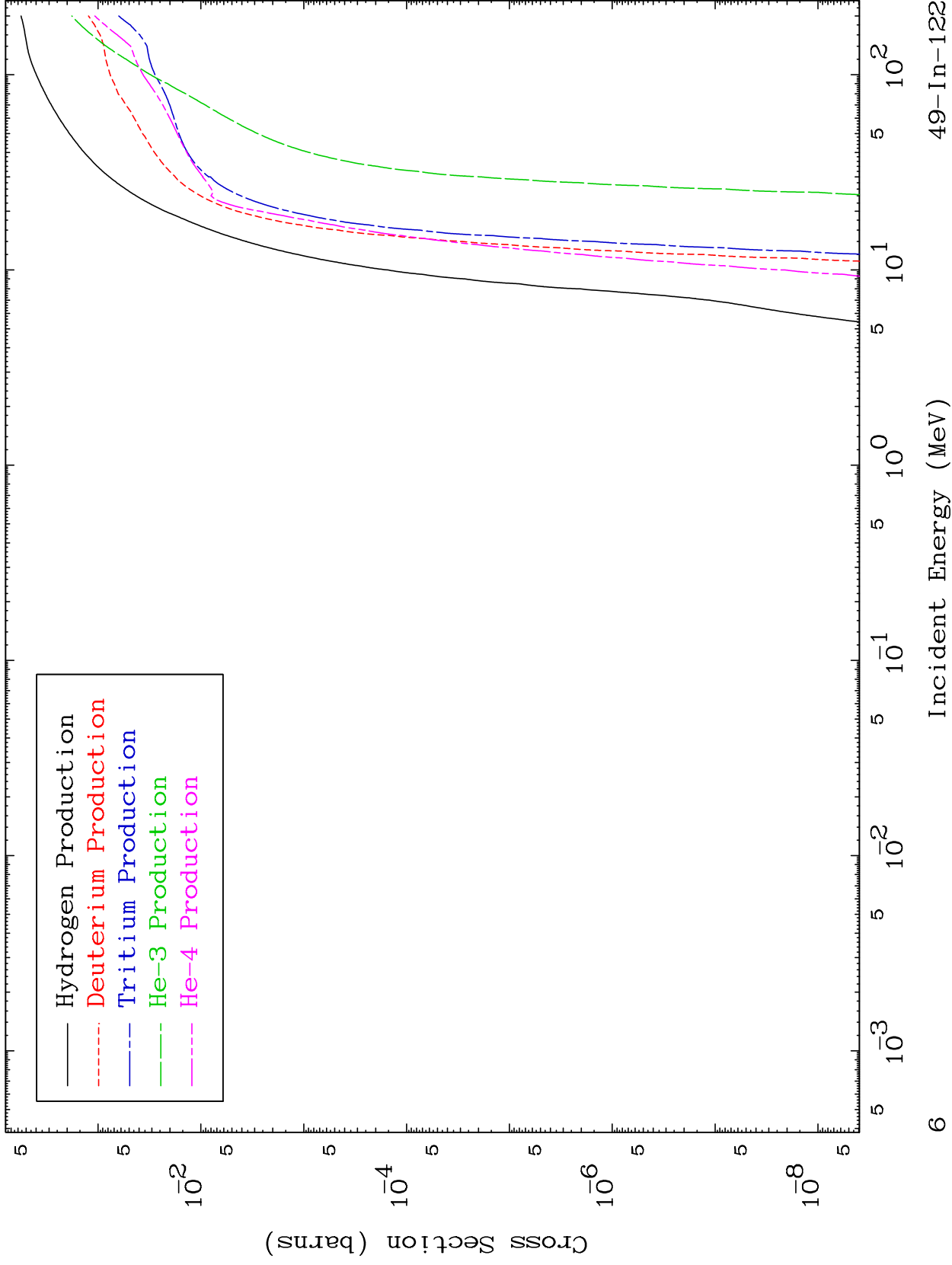
49-In-122



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Particle Production
293 Kelvin Cross Sections

49-In-122

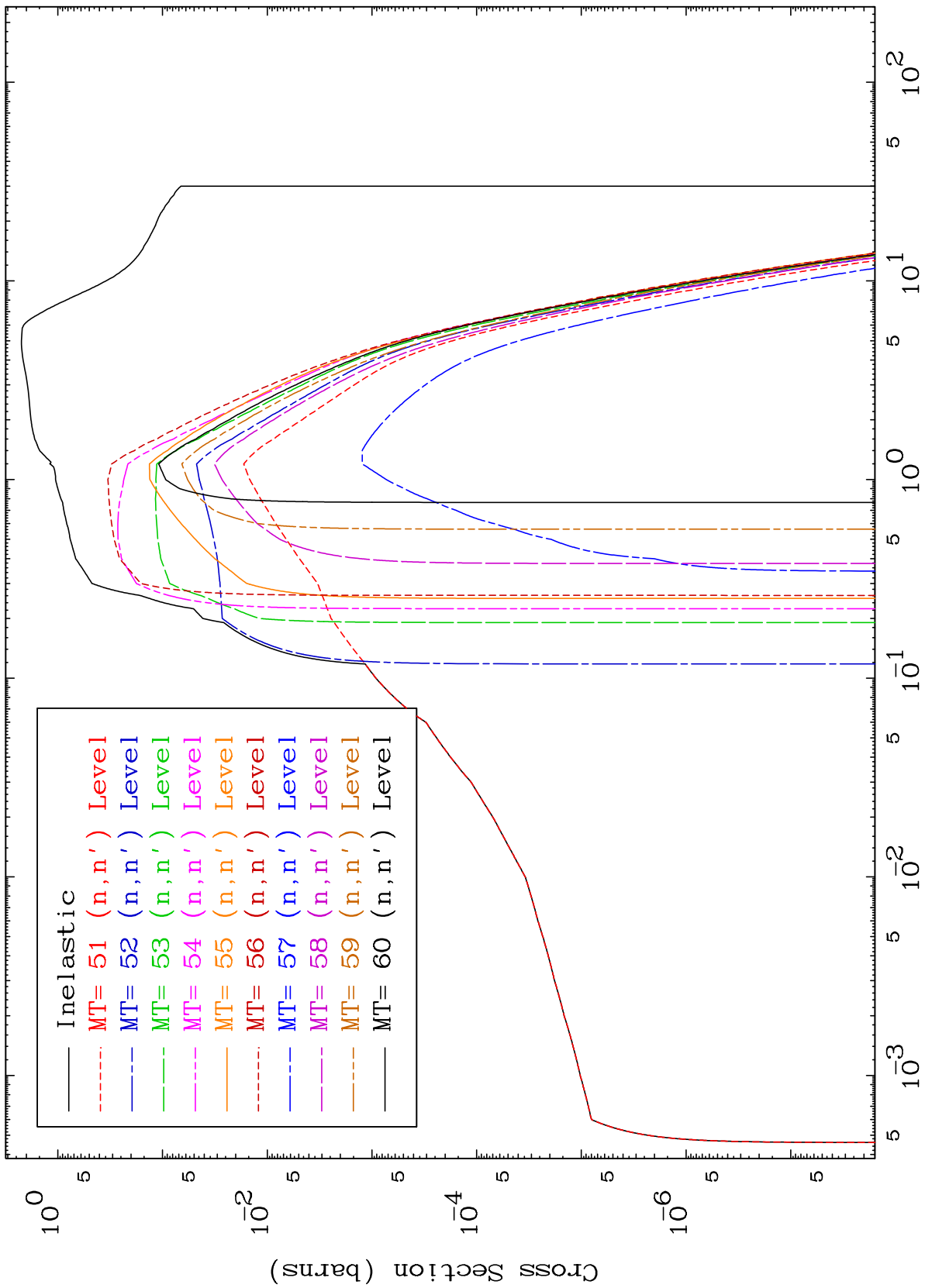


MAT 4953

(n,n') Level

49-In-122

293 Kelvin Cross Sections

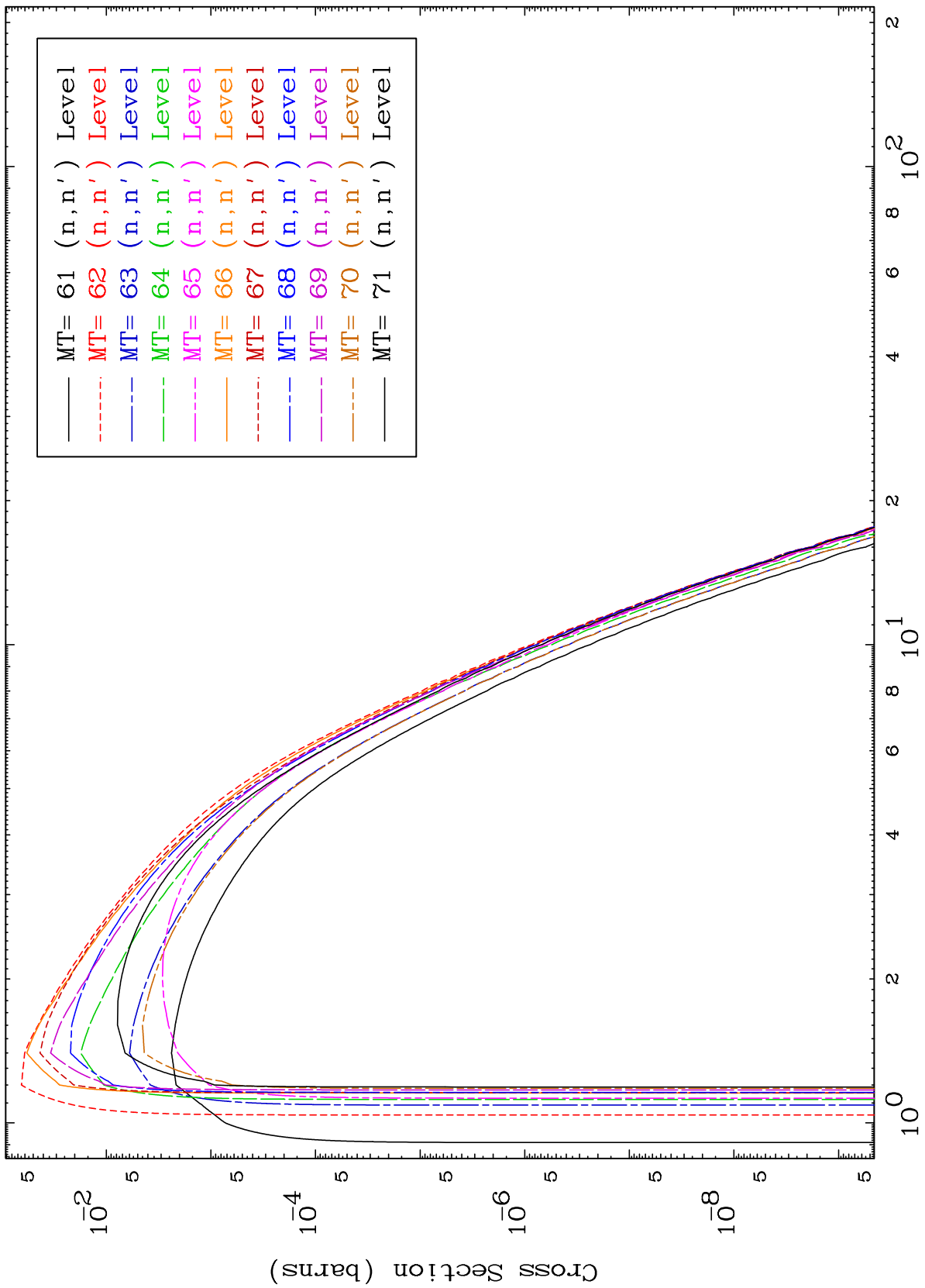


MAT 4953

(n,n') Level

49-In-122

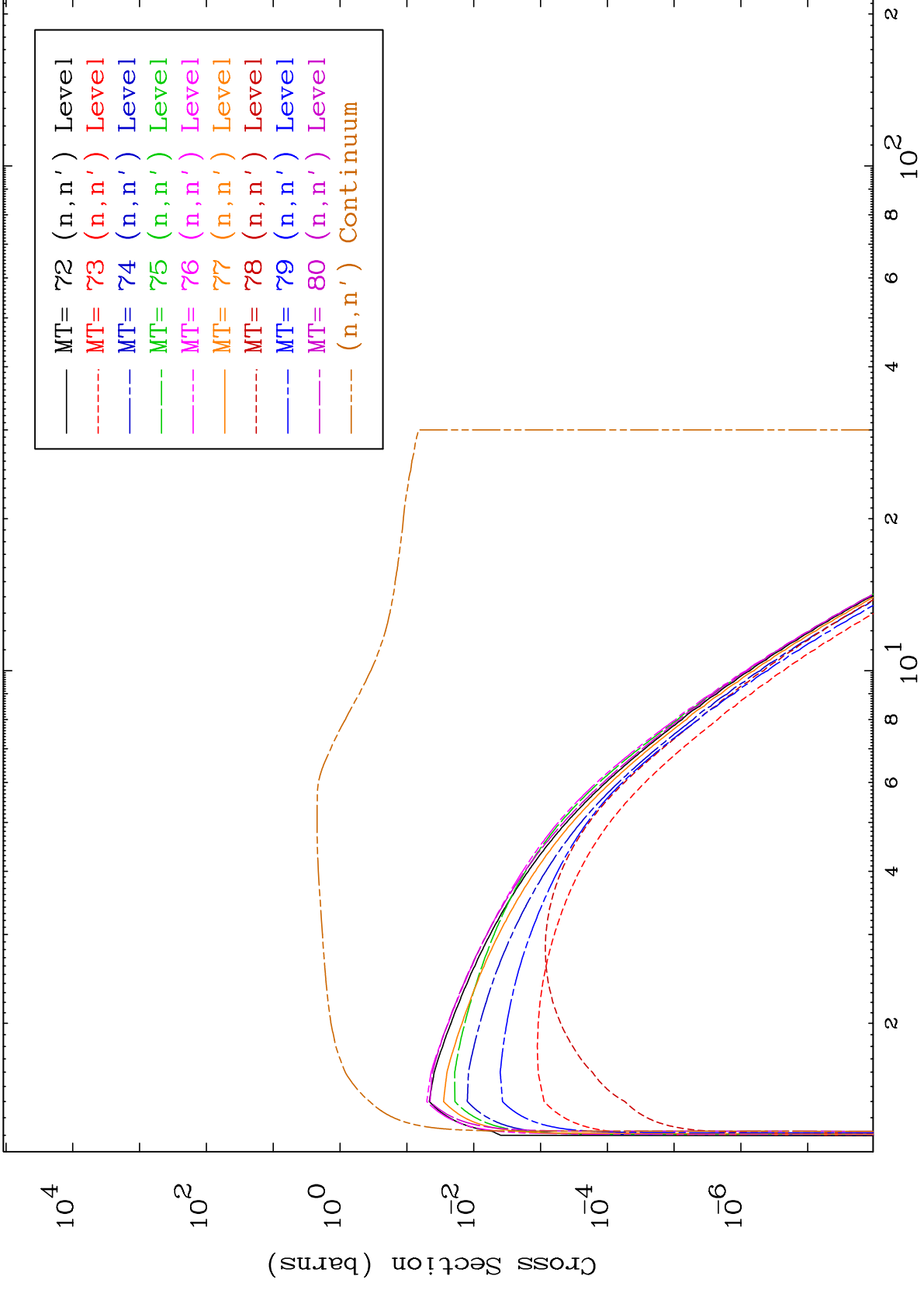
293 Kelvin Cross Sections



Incident Energy (MeV)

49-In-122

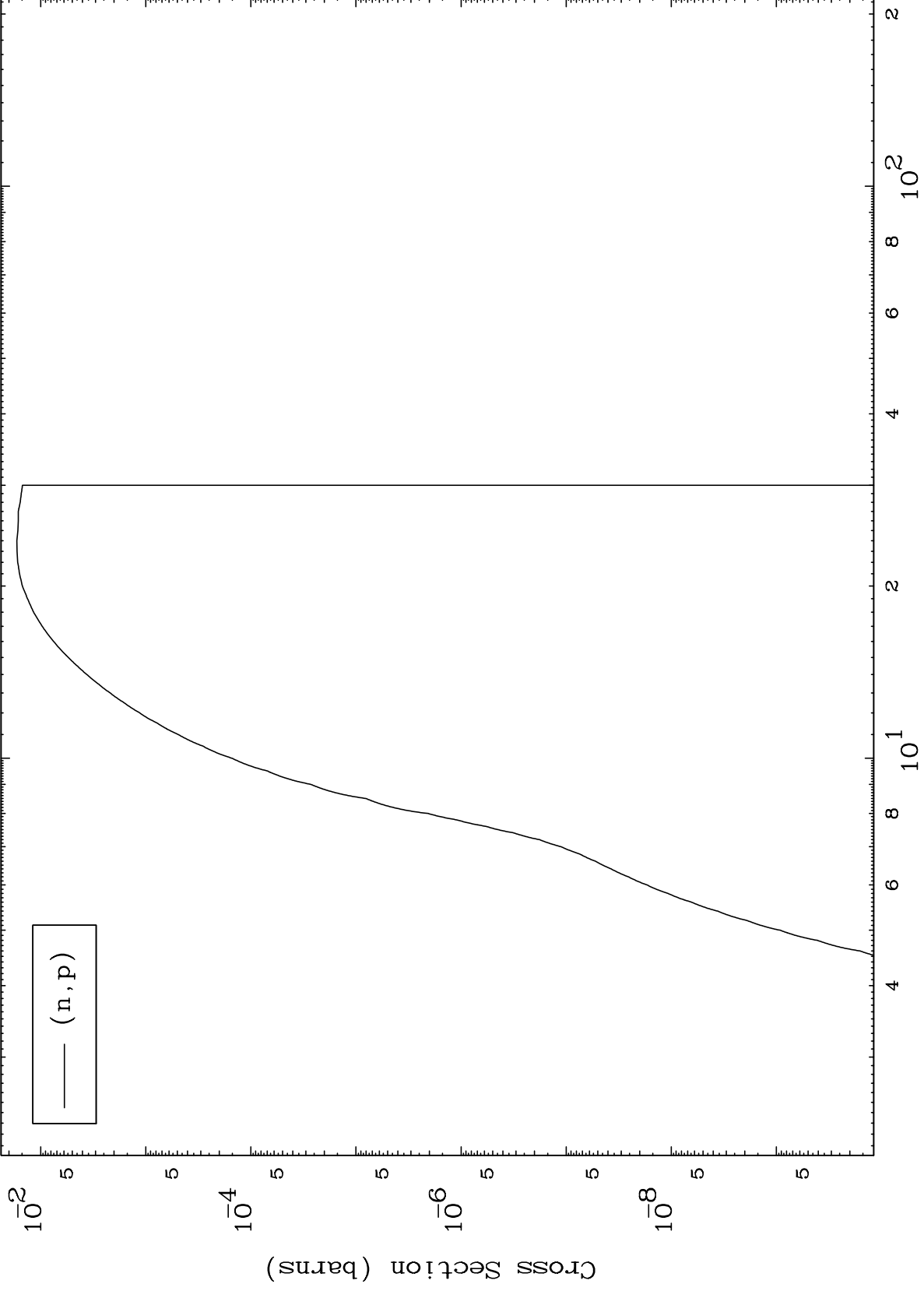
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

49-In-122



10

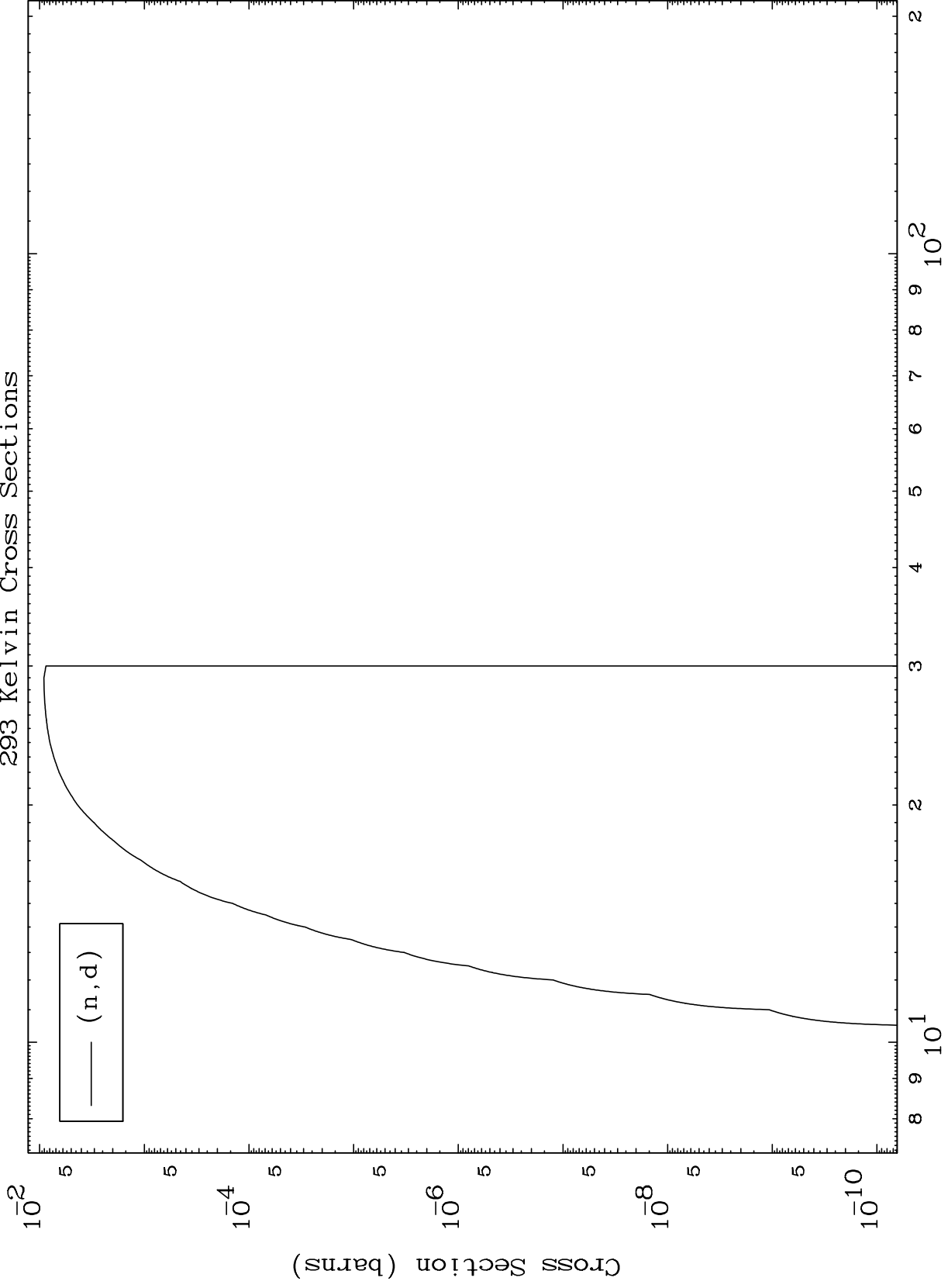
Incident Energy (MeV)

49-In-122

MAT 4953

(n,d) Levels
293 Kelvin Cross Sections

49-In-122



11

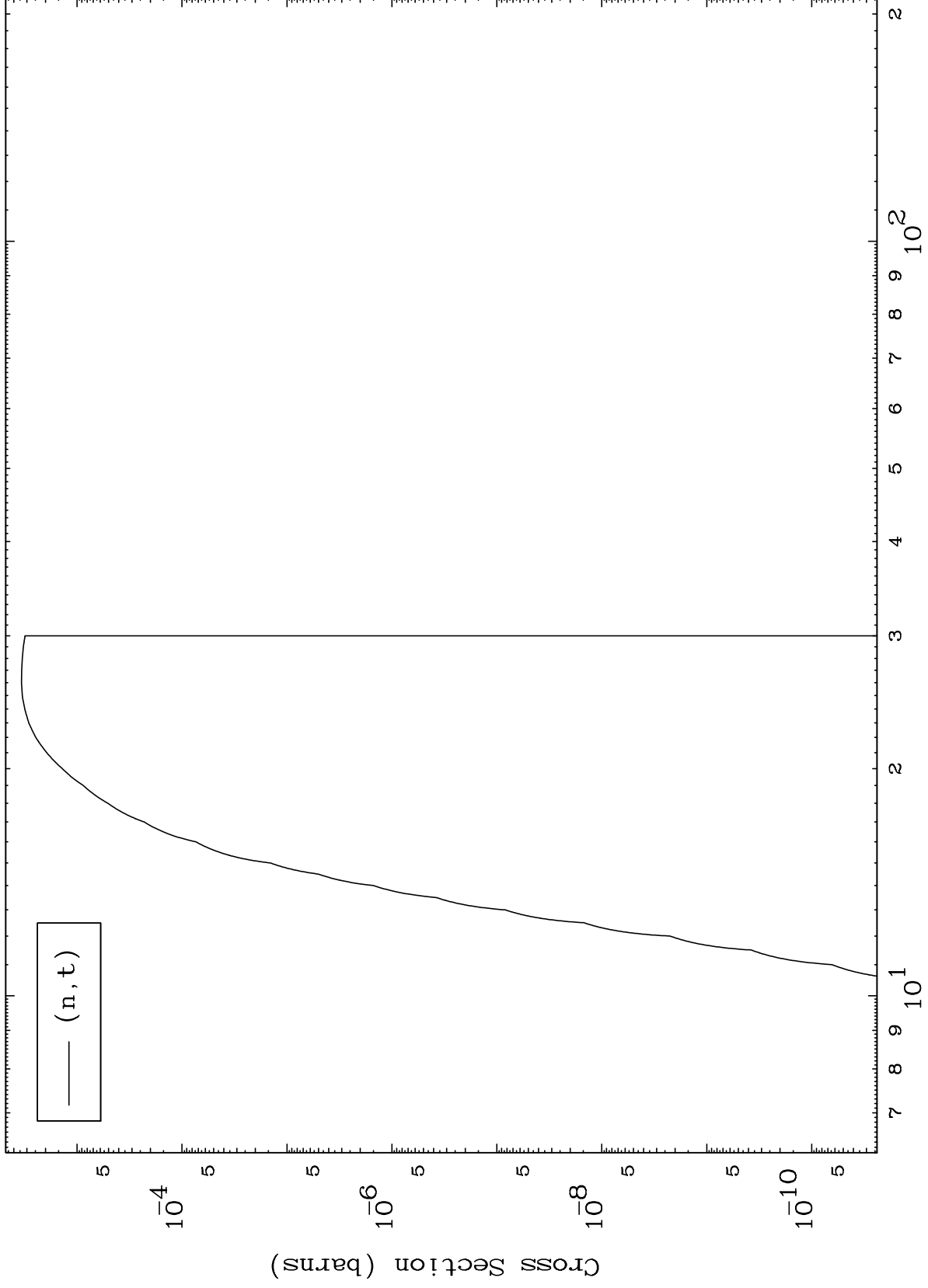
Incident Energy (MeV)

49-In-122

MAT 4953

(n,t) Levels
293 Kelvin Cross Sections

49-In-122



12

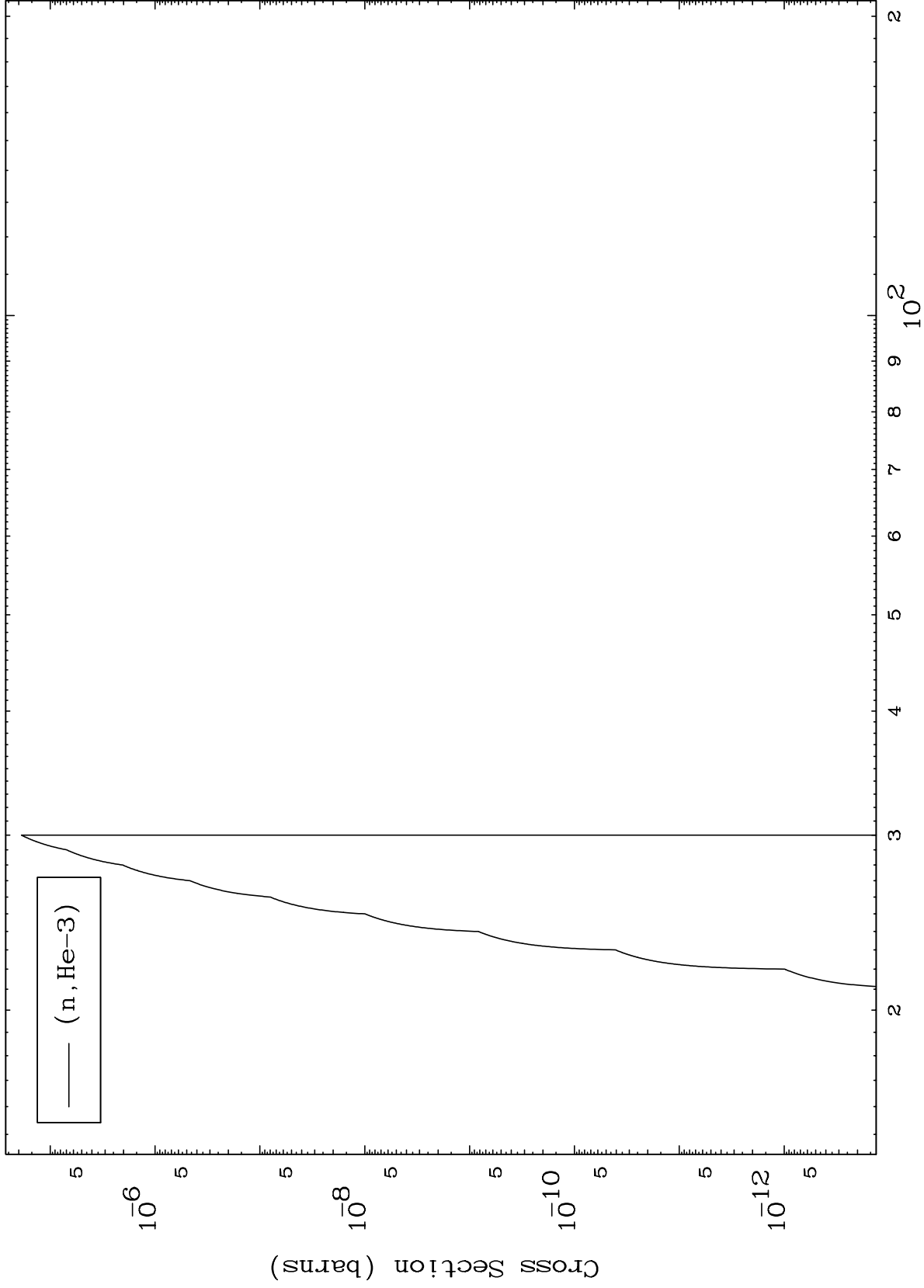
Incident Energy (MeV)

49-In-122

MAT 4953

(n,He3) Levels
293 Kelvin Cross Sections

49-In-122



13

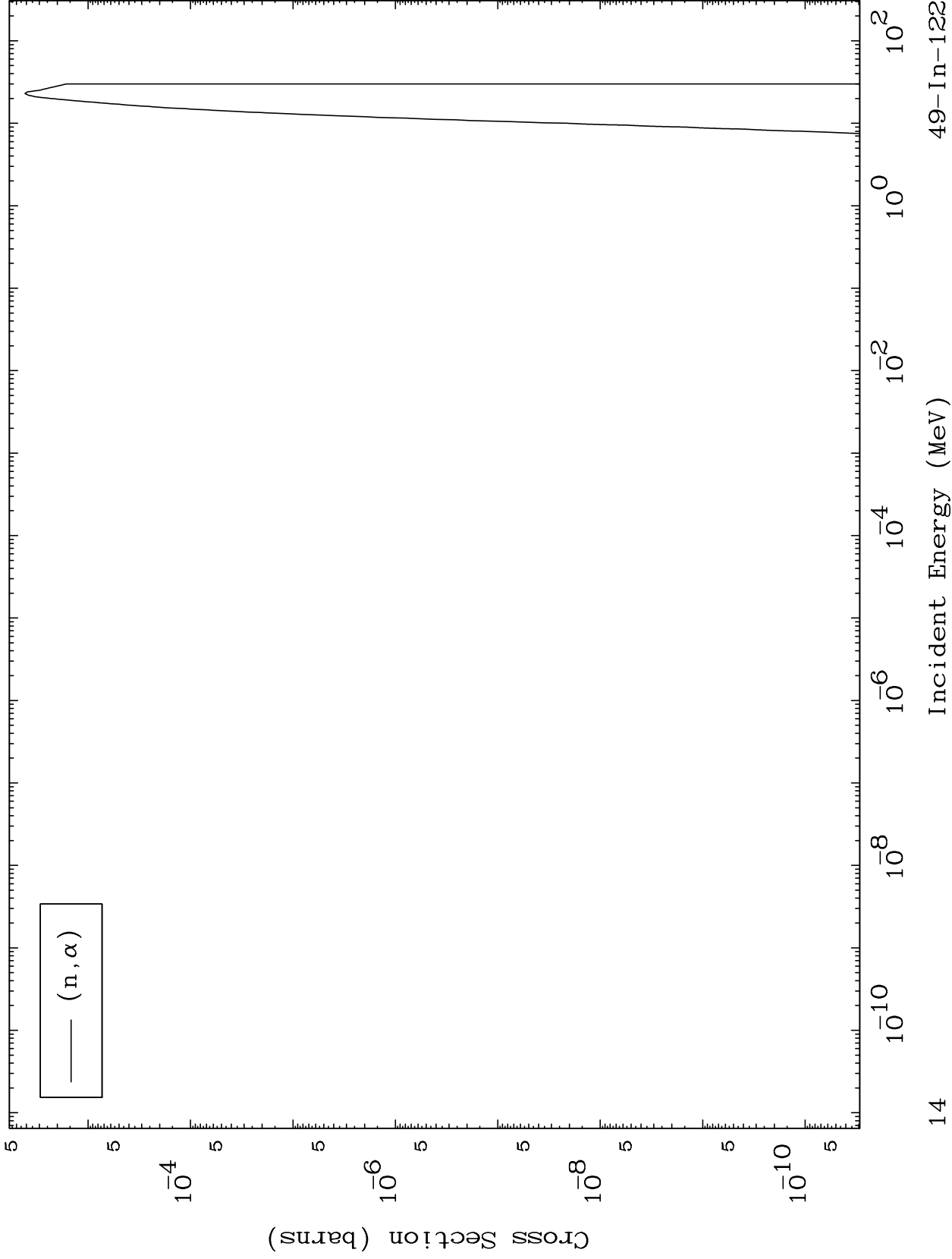
Incident Energy (MeV)

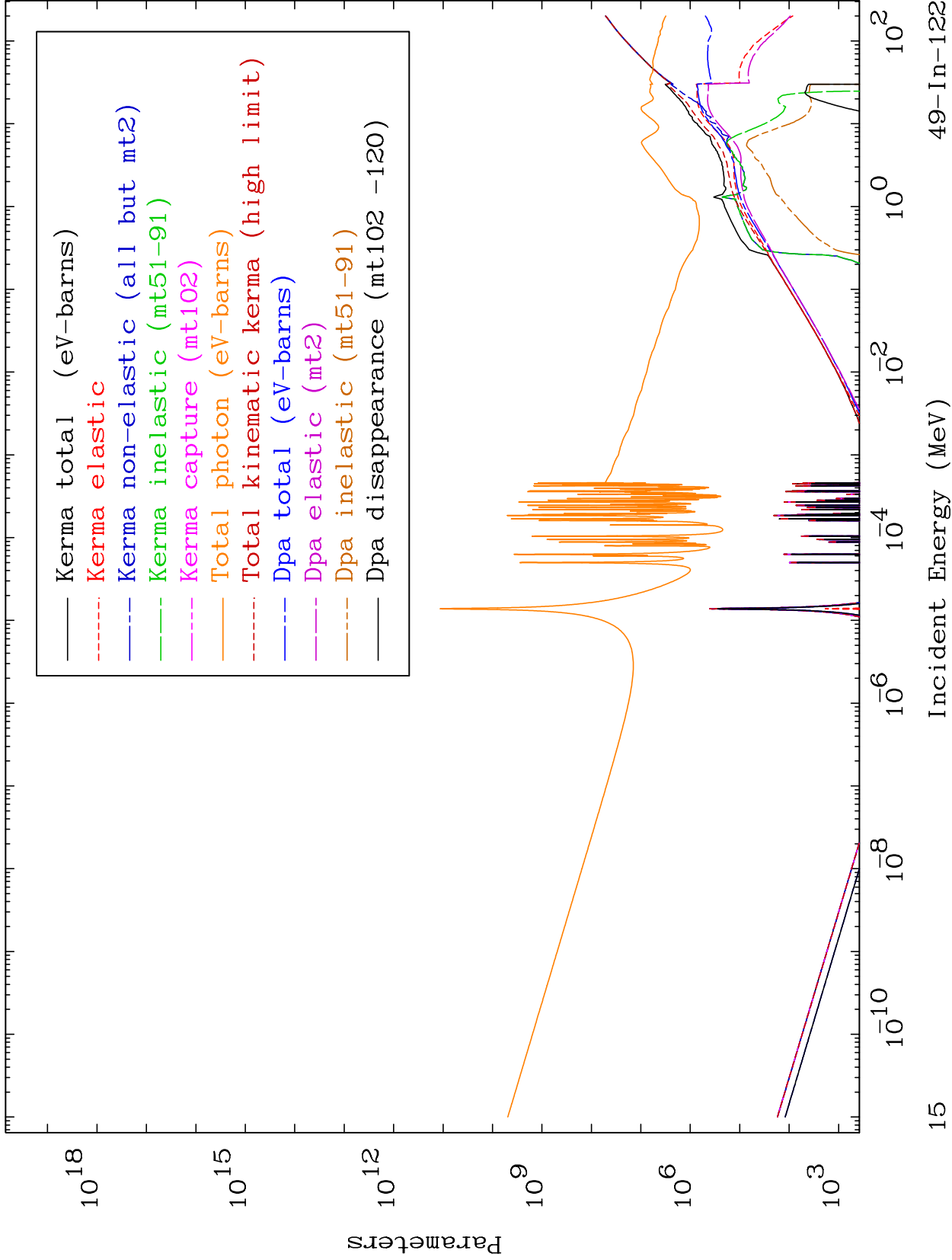
49-In-122

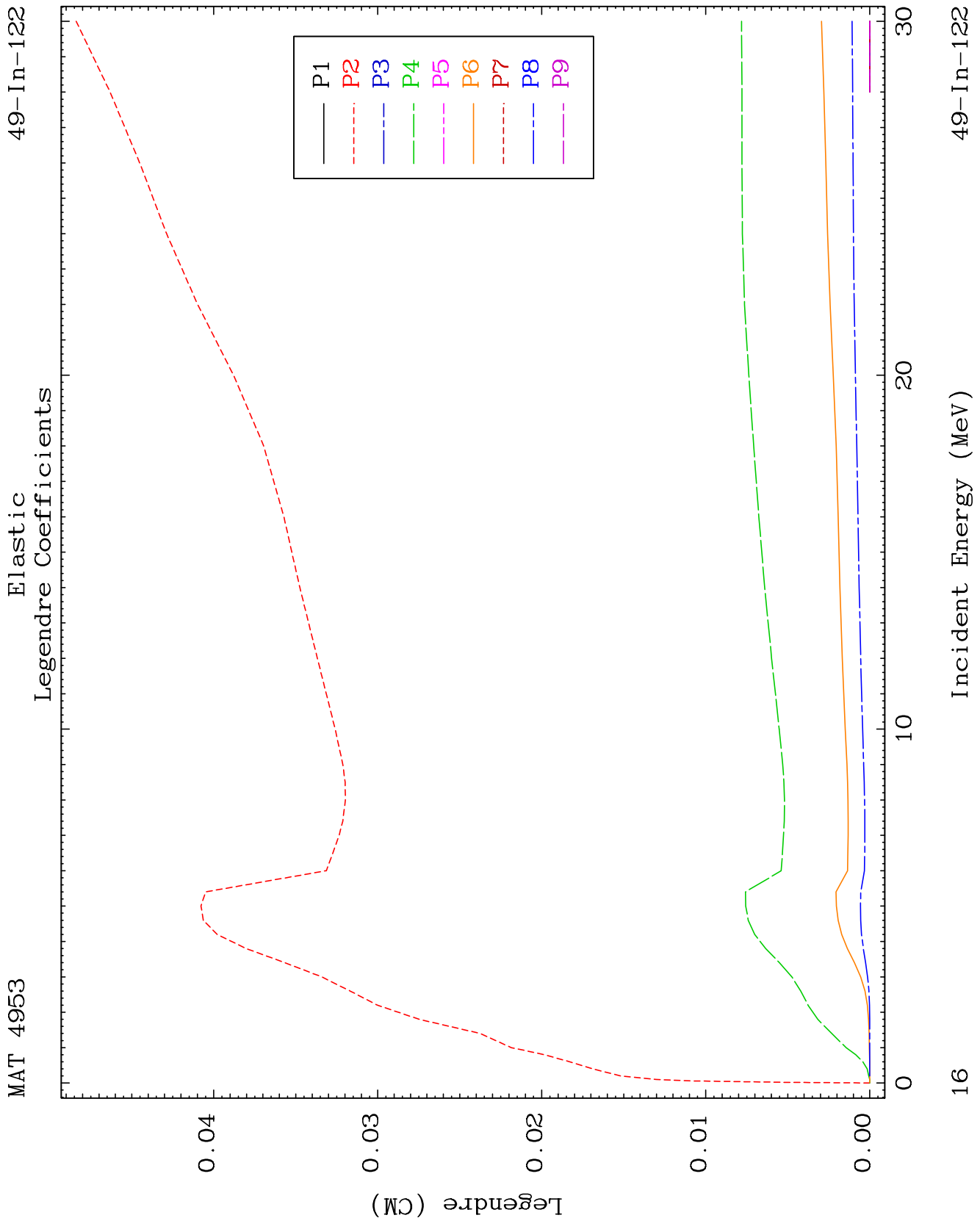
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(n, α) Levels
293 Kelvin Cross Sections

49-In-122



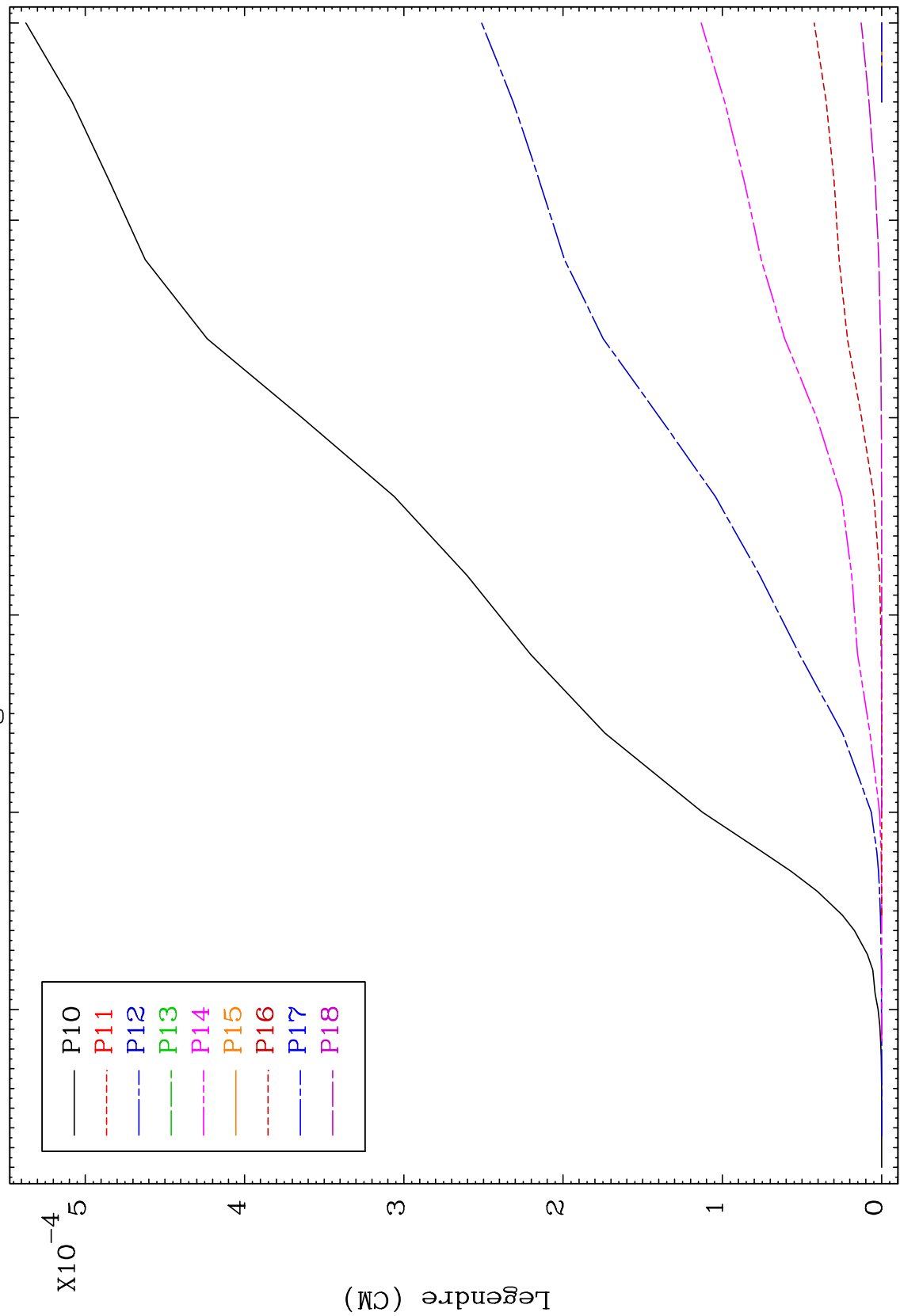




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Elastic Legendre Coefficients

49-In-122



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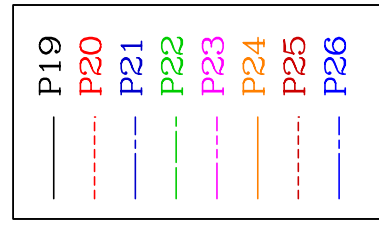
Incident Energy (MeV)

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)

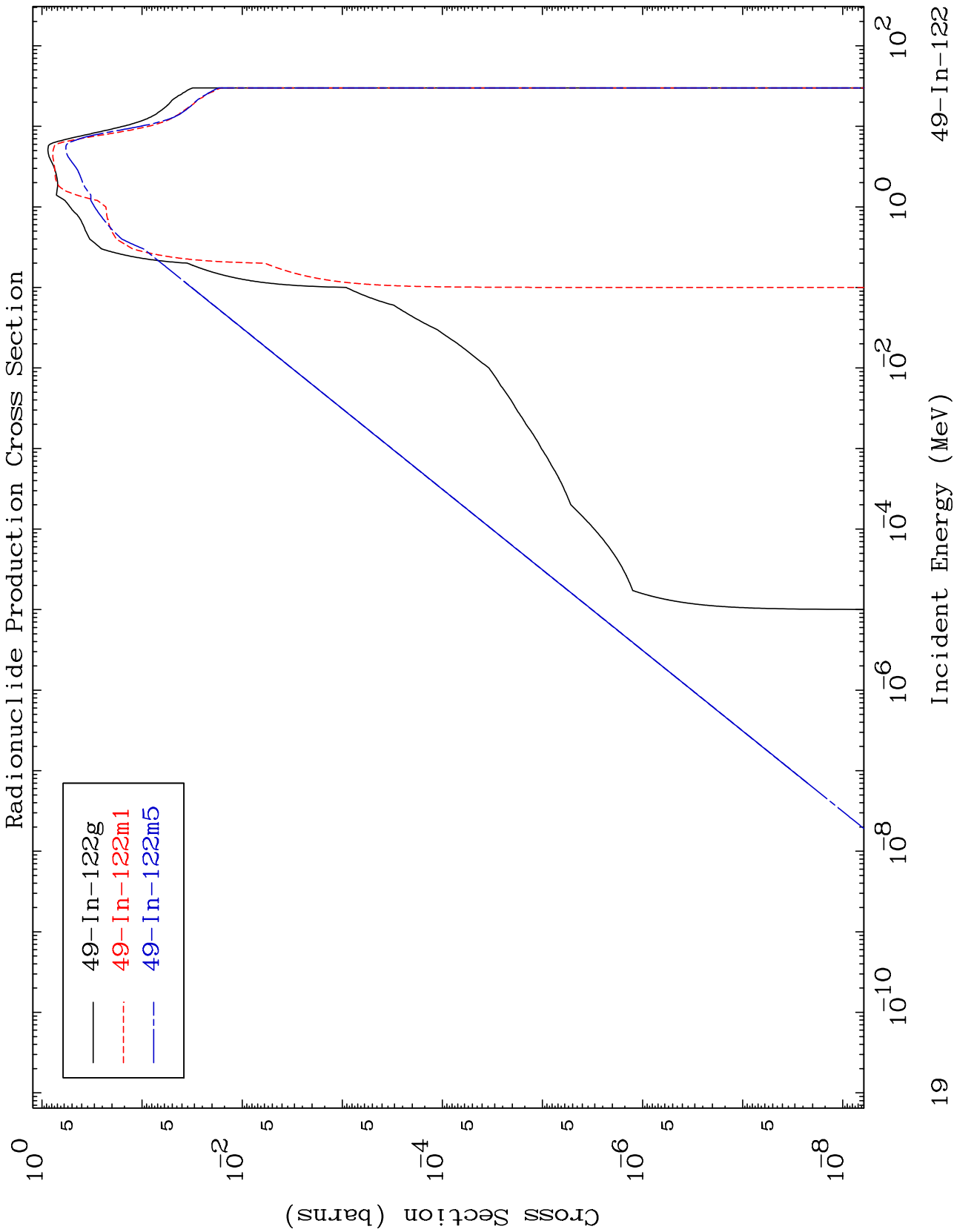
49-In-122



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49-In-122

Inelastic
Radionuclide Production Cross Section

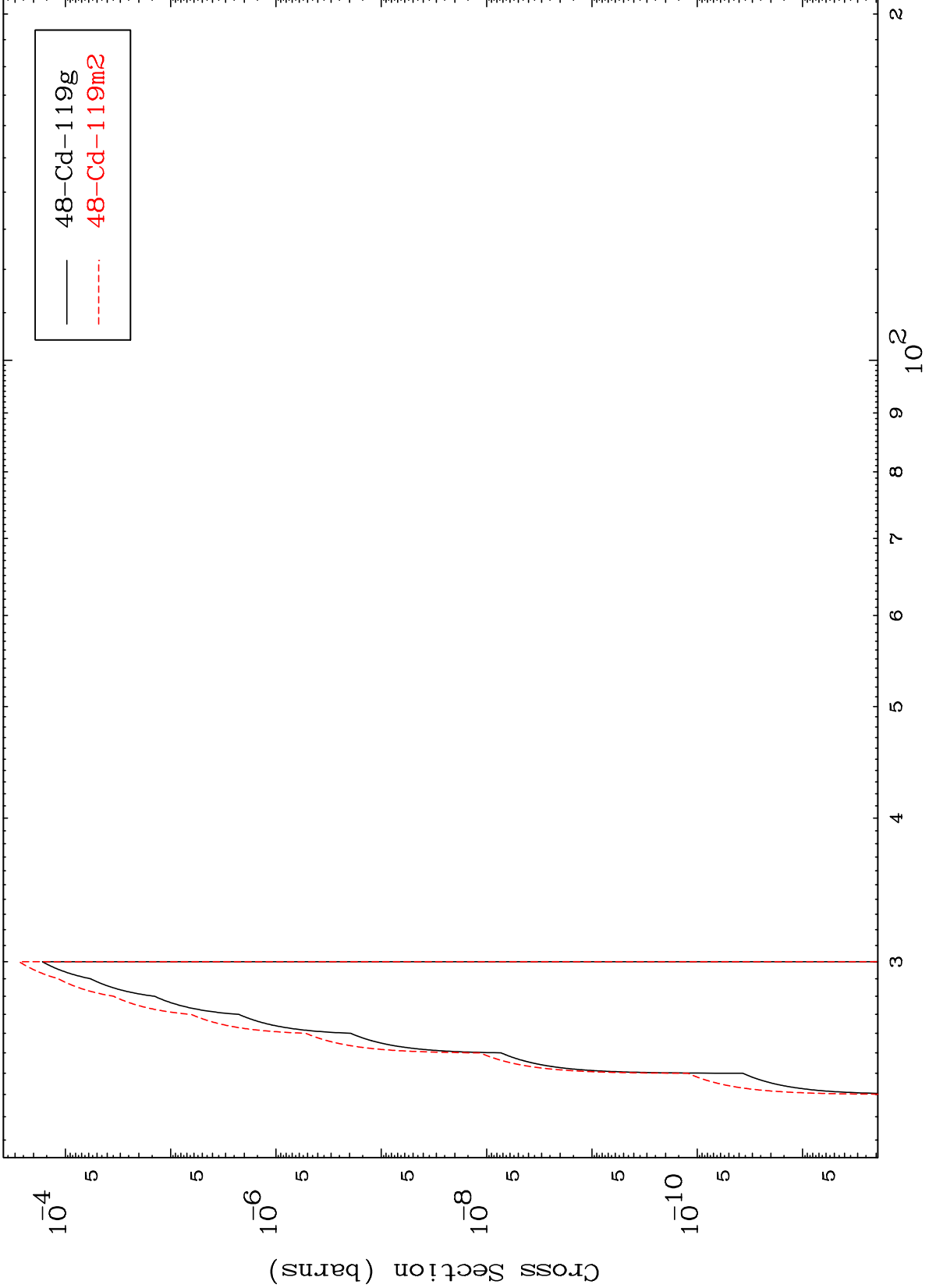


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(n,2n) d

49-In-122

Radionuclide Production Cross Section



20

Incident Energy (MeV)

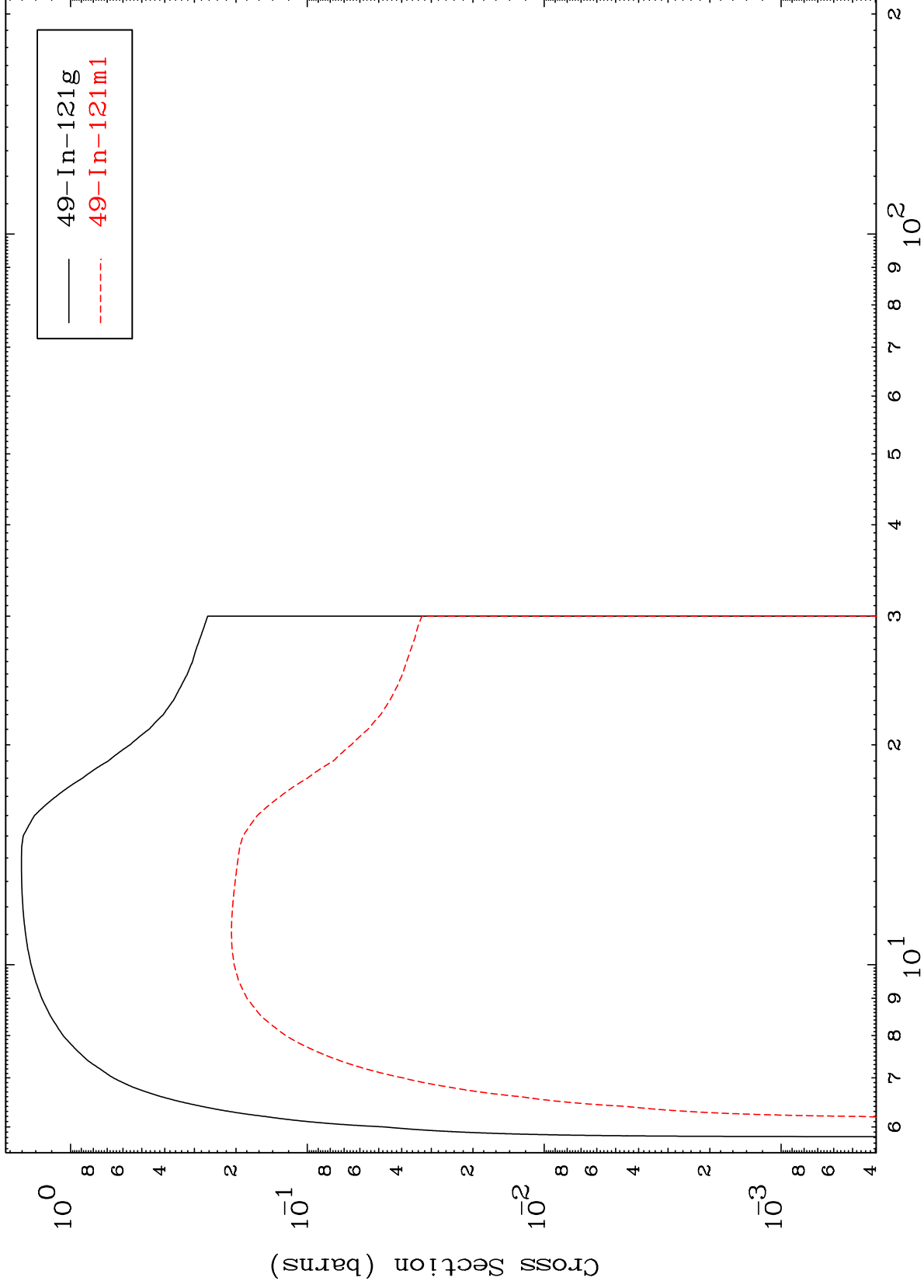
49-In-122

MAT 4953

(n,2n)

49-In-122

Radionuclide Production Cross Section

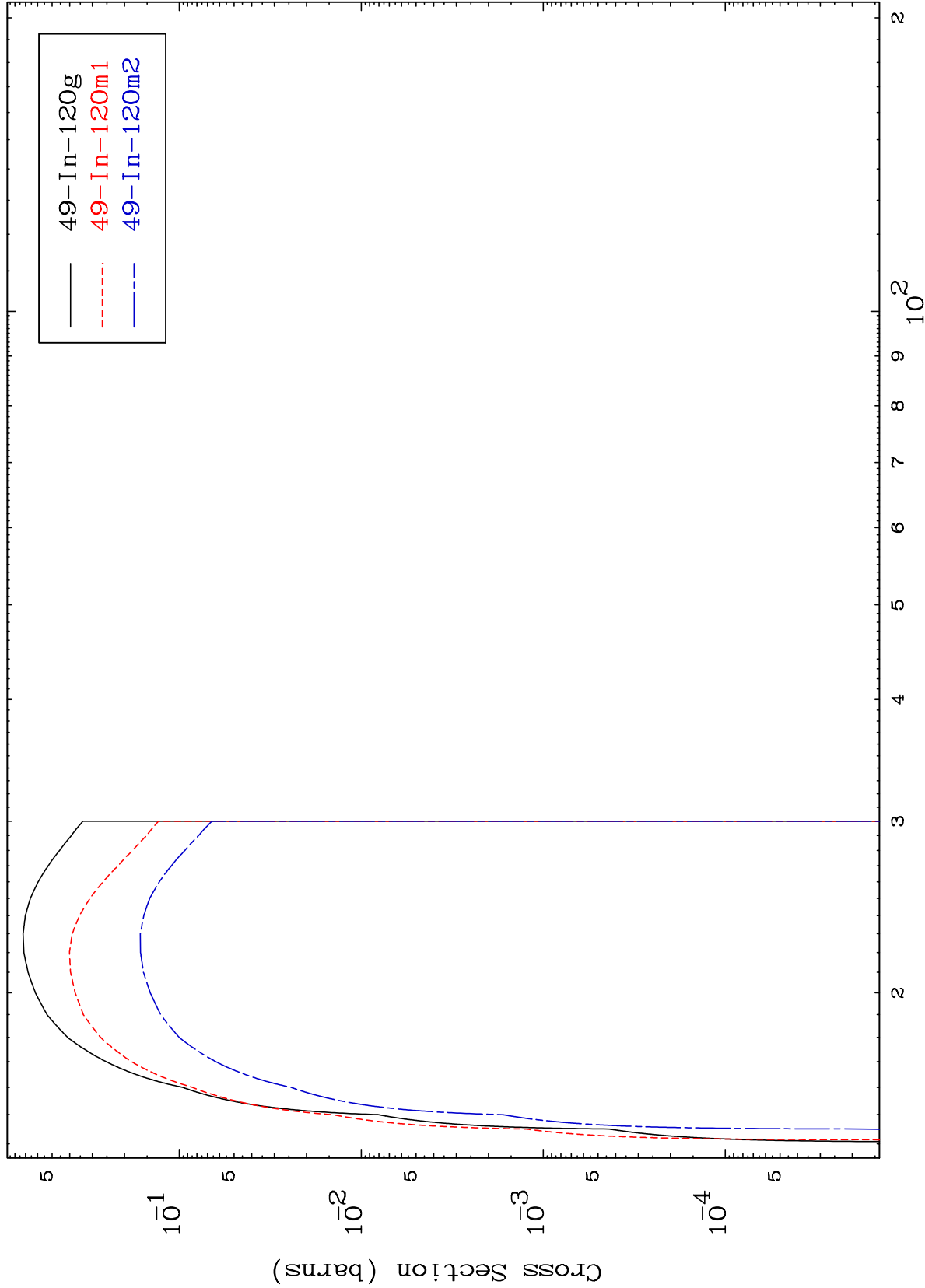


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Incident Energy (MeV)

49-In-122

Radionuclide Production Cross Section

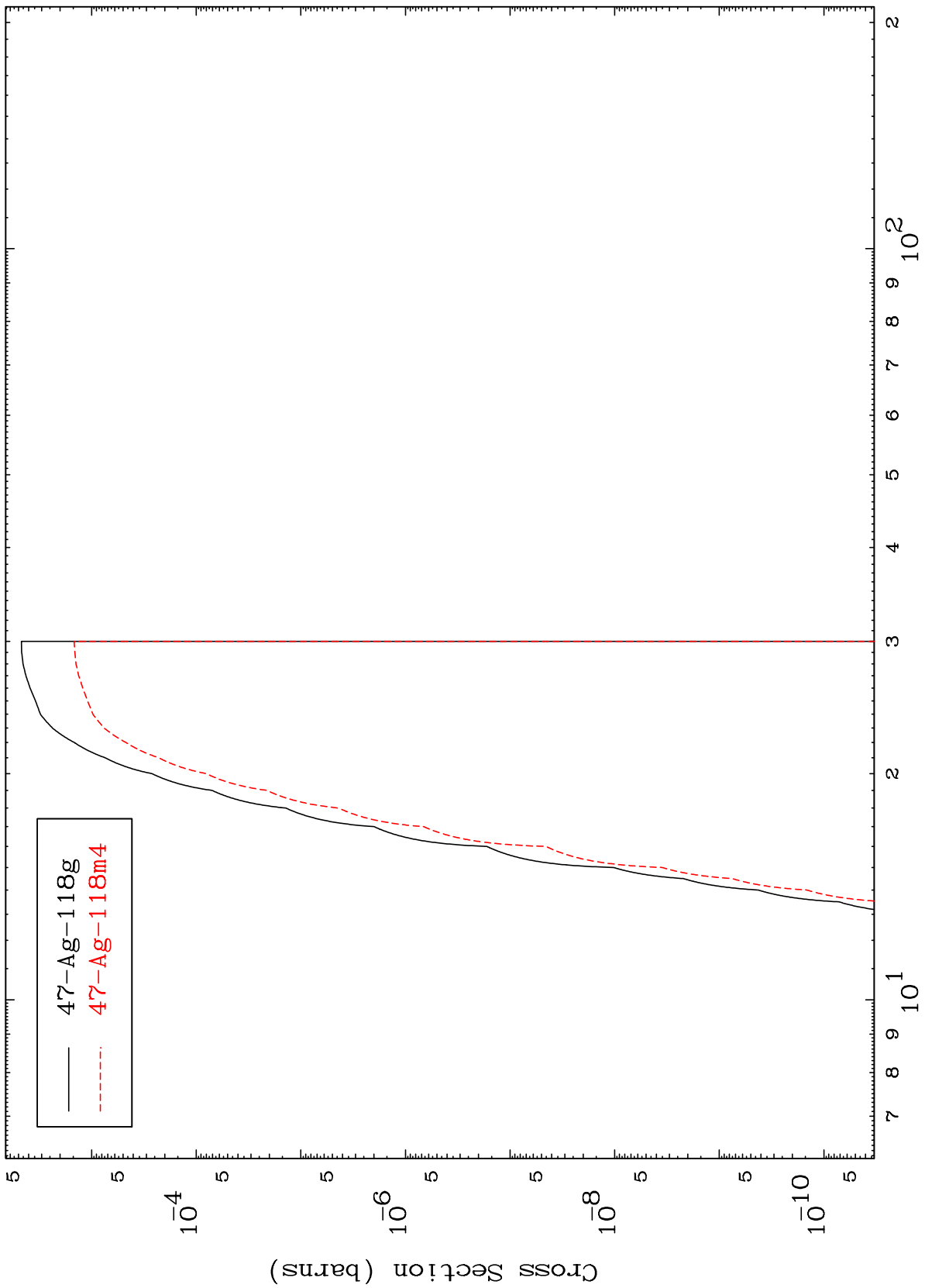


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(n,n') α

49-In-122

Radionuclide Production Cross Section



23

Incident Energy (MeV)

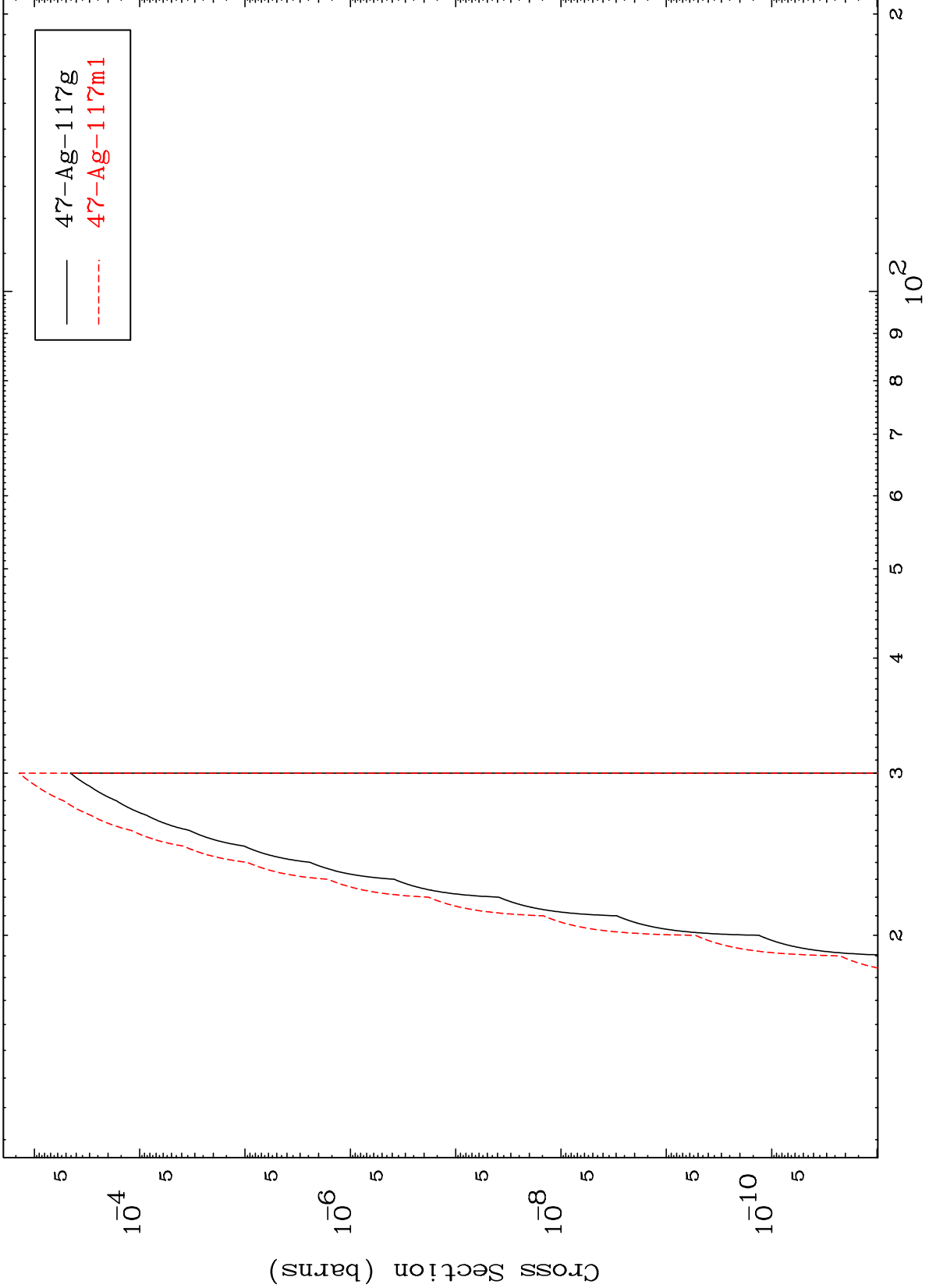
49-In-122

MAT 4953

(n,2n) α

49-In-122

Radionuclide Production Cross Section



24

Incident Energy (MeV)

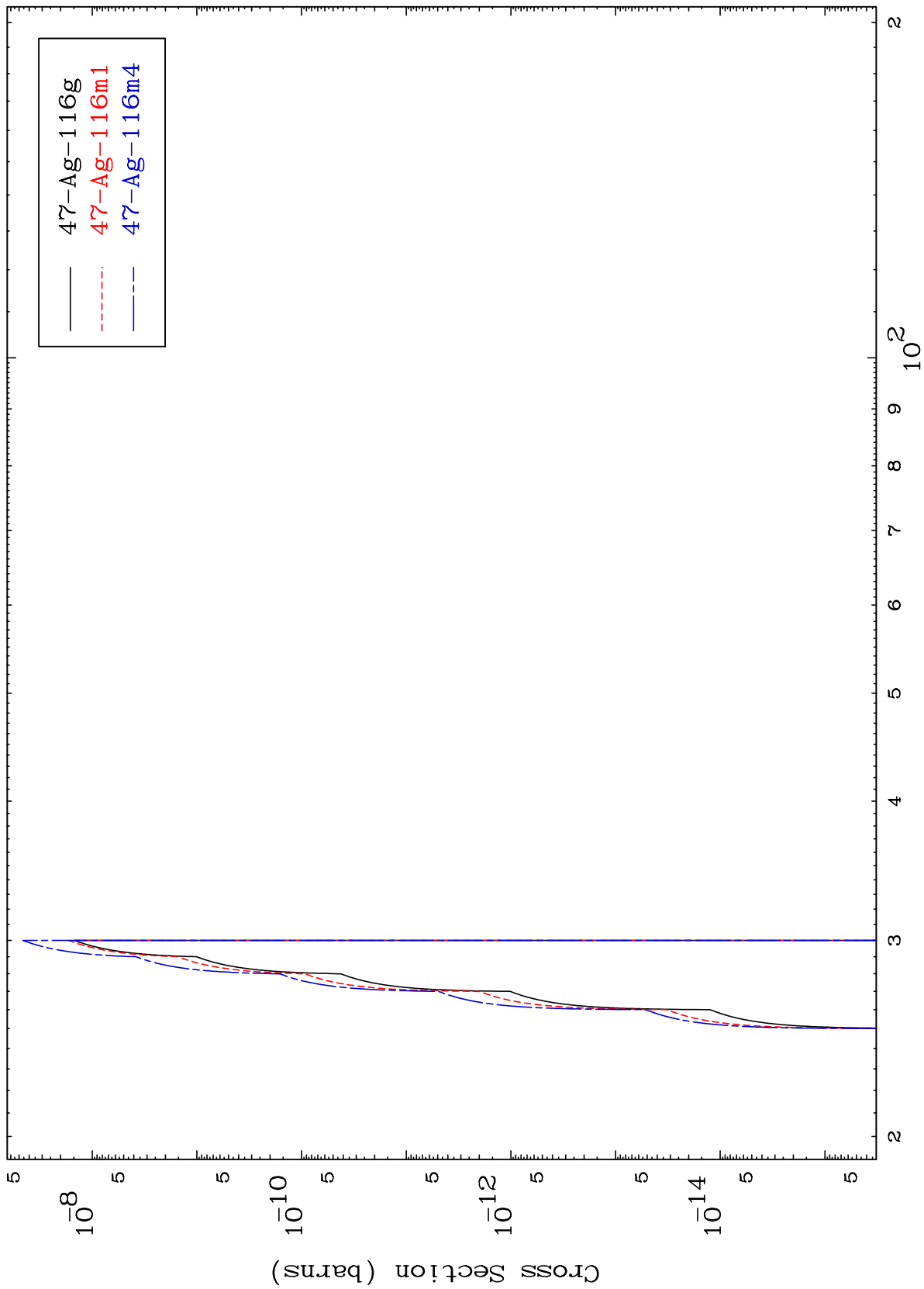
49-In-122

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(n,3n) α

49-In-122

Radionuclide Production Cross Section



25

Incident Energy (MeV)

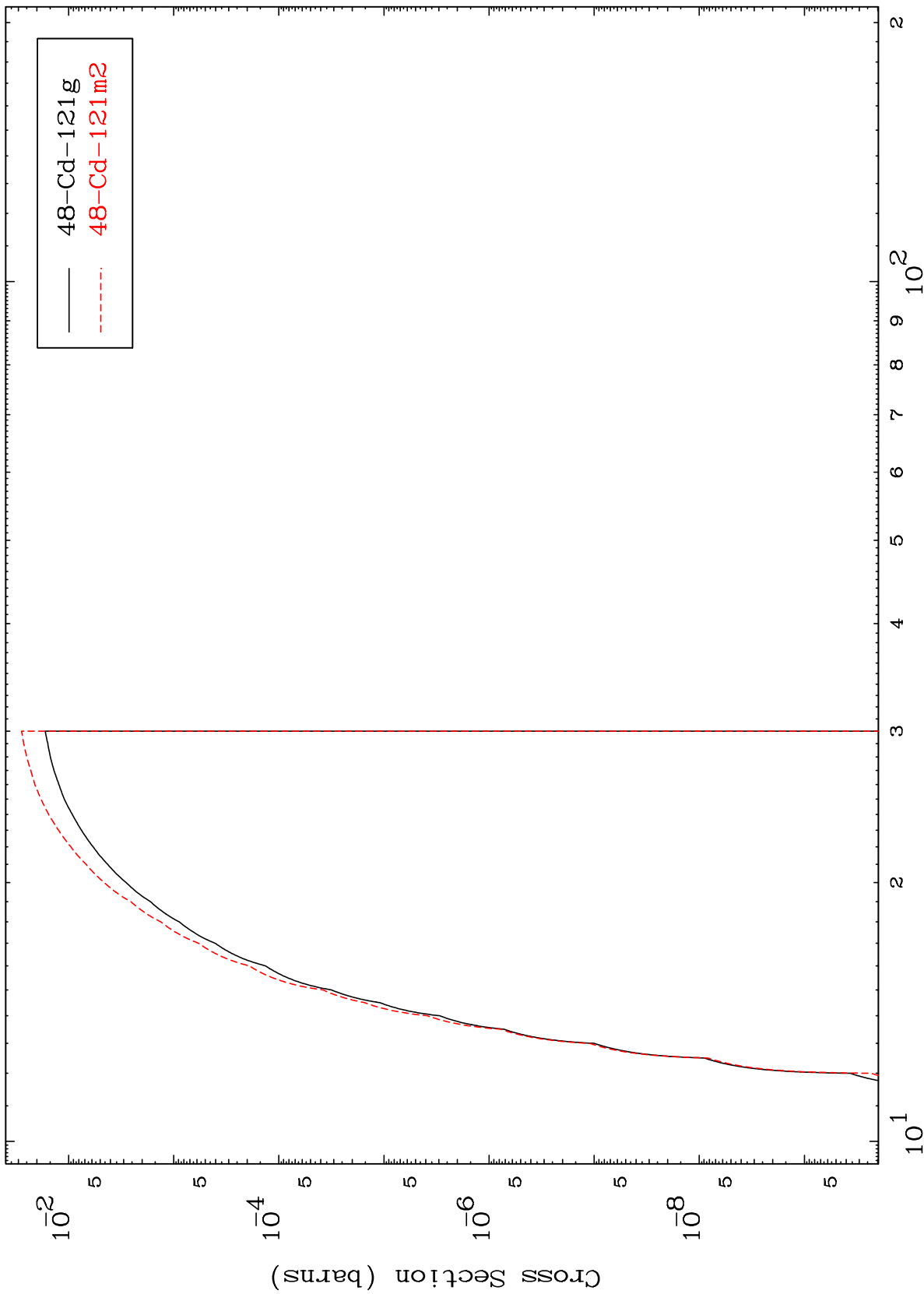
49-In-122

MAT 4953

(n,n') p

49-In-122

Radionuclide Production Cross Section

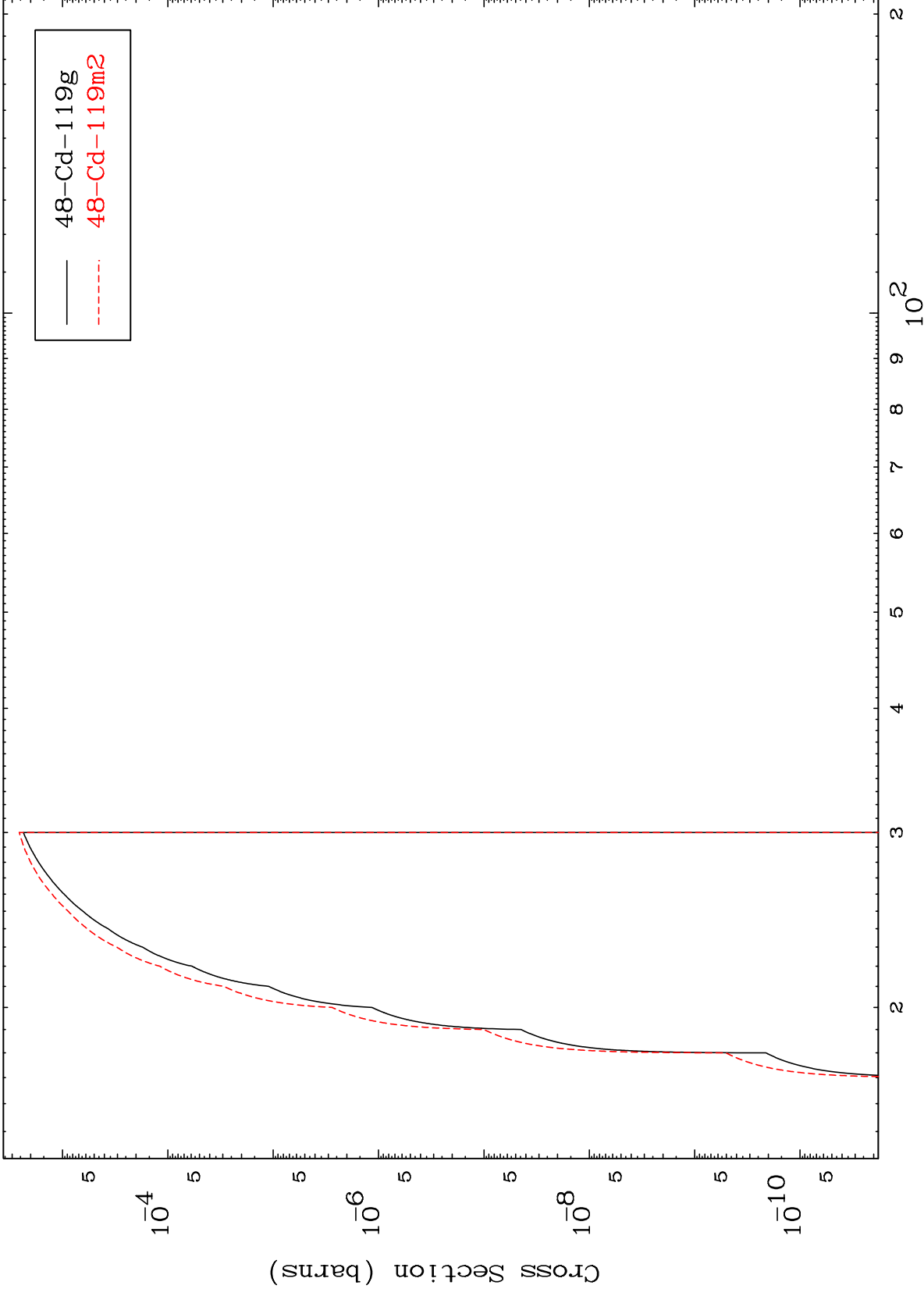


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Incident Energy (MeV)

49-In-122

Radionuclide Production Cross Section

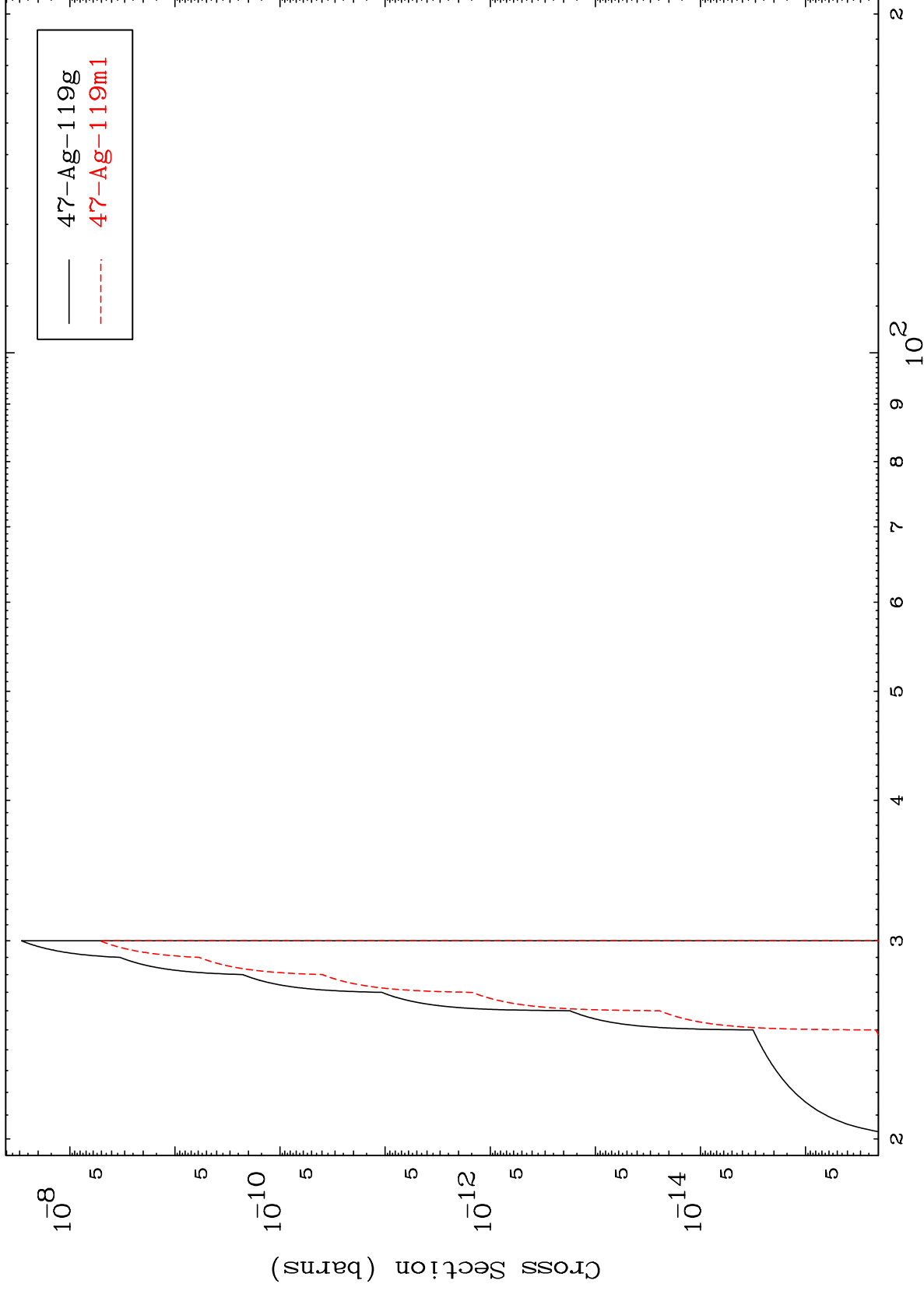


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(n,n') He-3

49-In-122

Radionuclide Production Cross Section



28

Incident Energy (MeV)

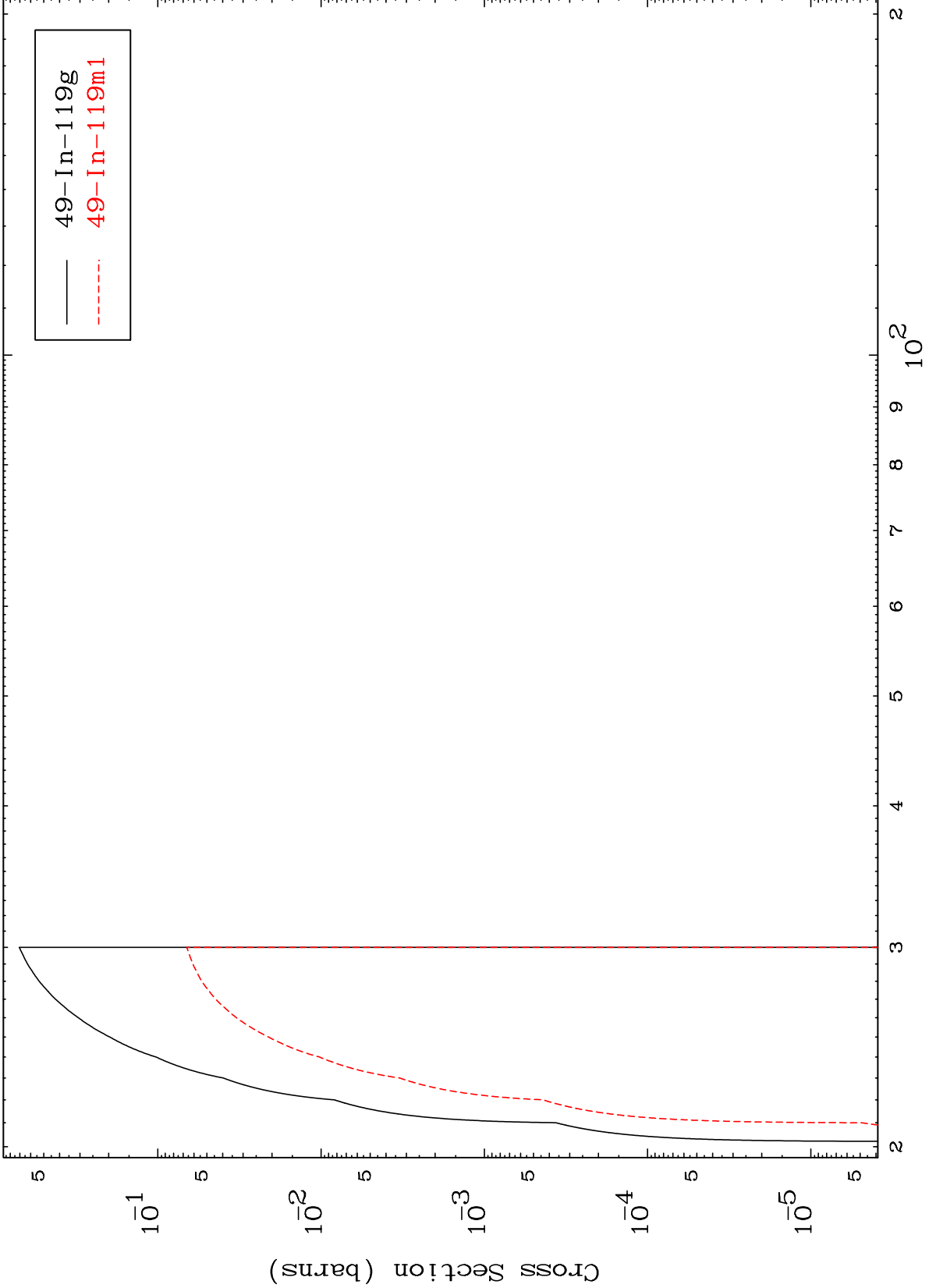
49-In-122

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(n,4n)

49-In-122

Radionuclide Production Cross Section



49-In-119g
49-In-119m1

29

Incident Energy (MeV)

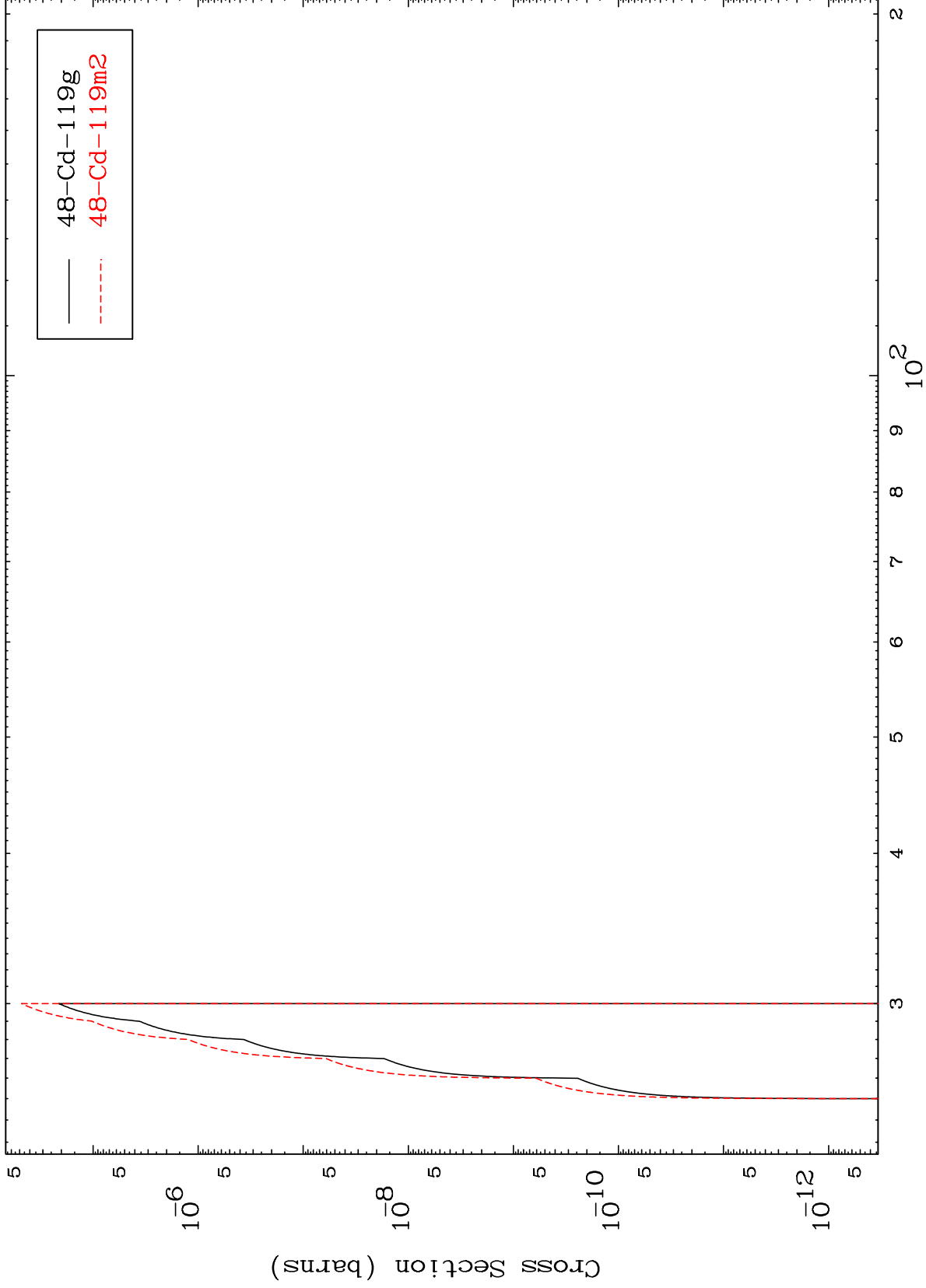
49-In-122

MAT 4953

(n,3n) p

49-In-122

Radionuclide Production Cross Section



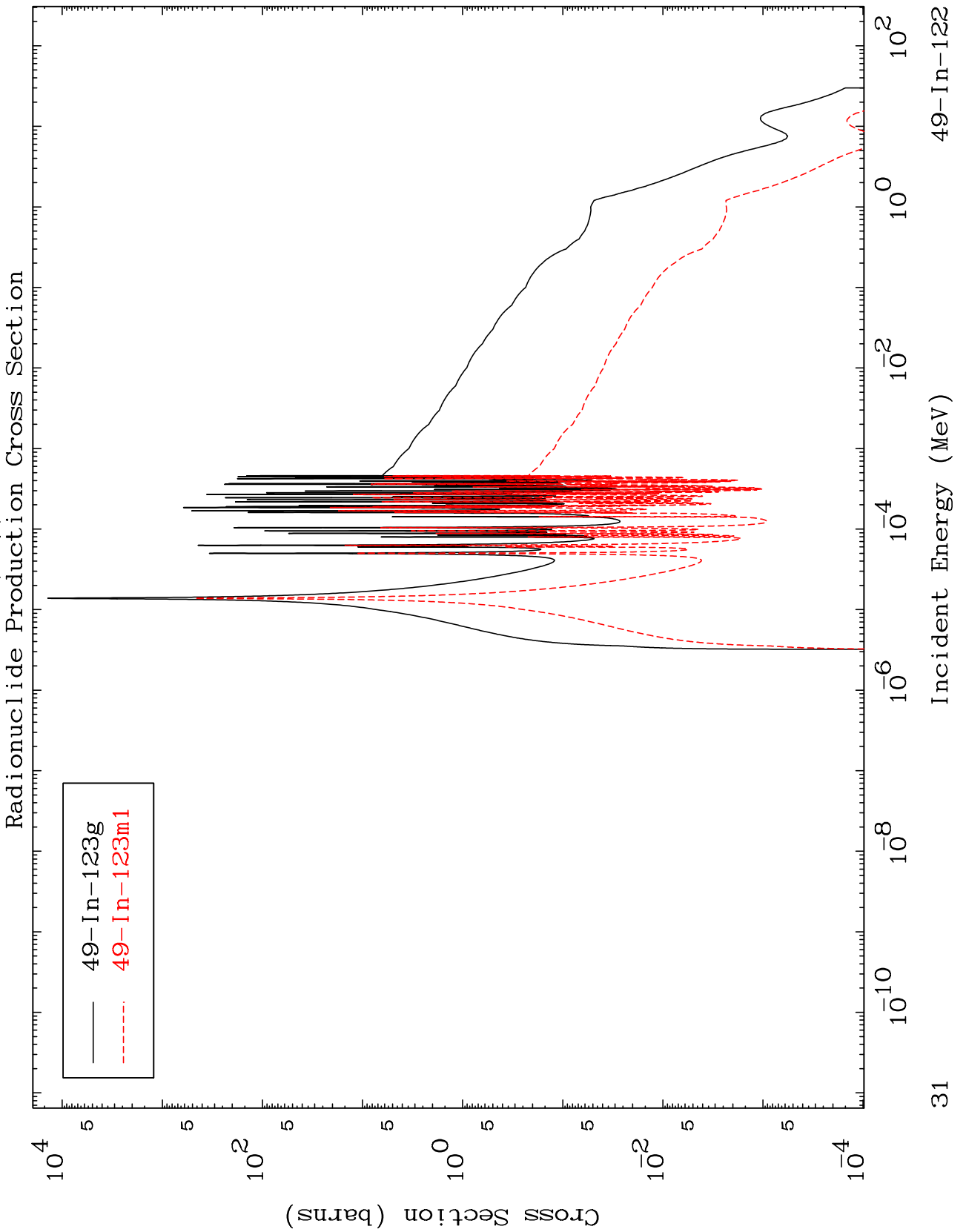
30

Incident Energy (MeV)

49-In-122

MAT 4953

49-In-122

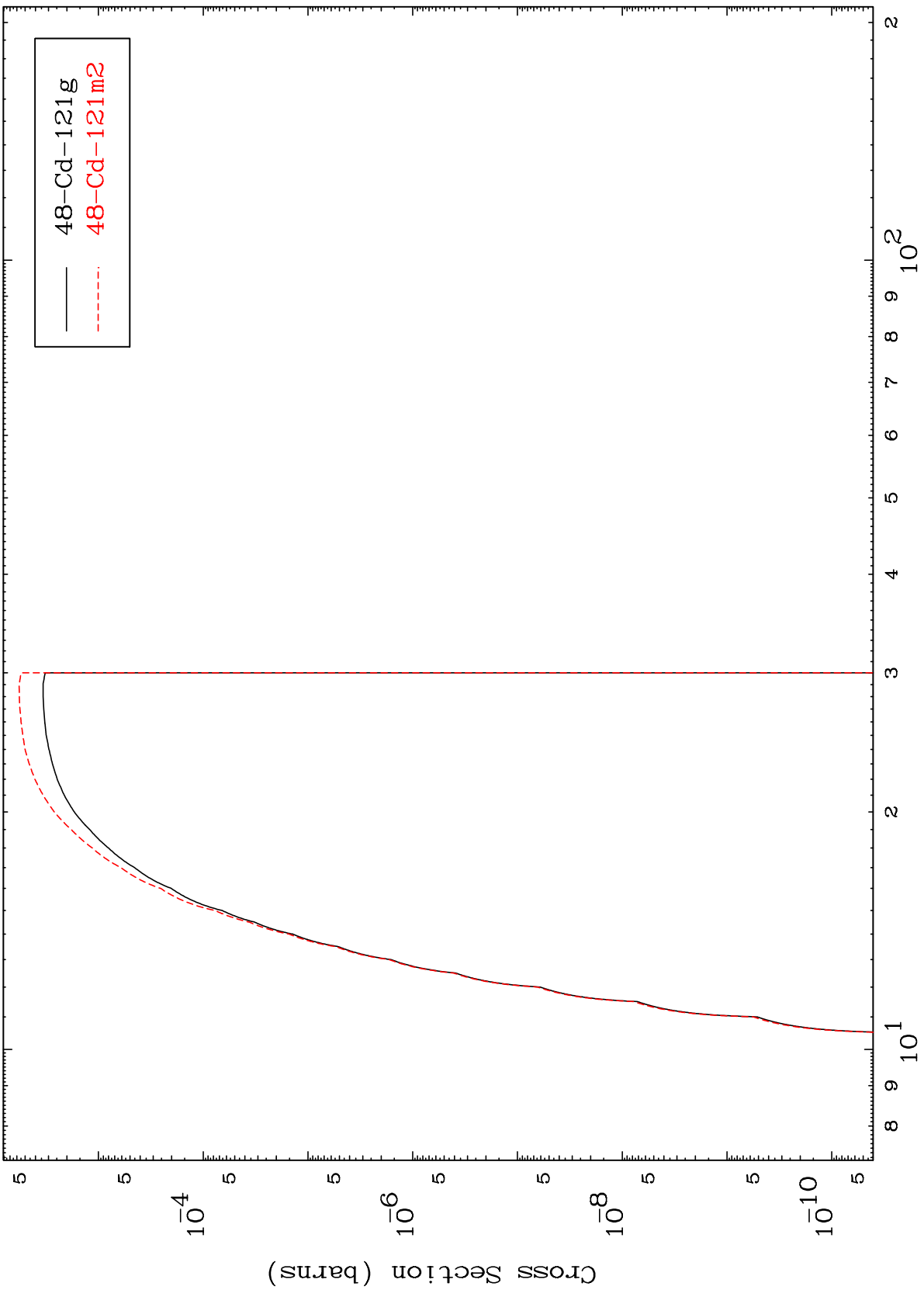


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(n,d)

49-In-122

Radionuclide Production Cross Section



32

Incident Energy (MeV)

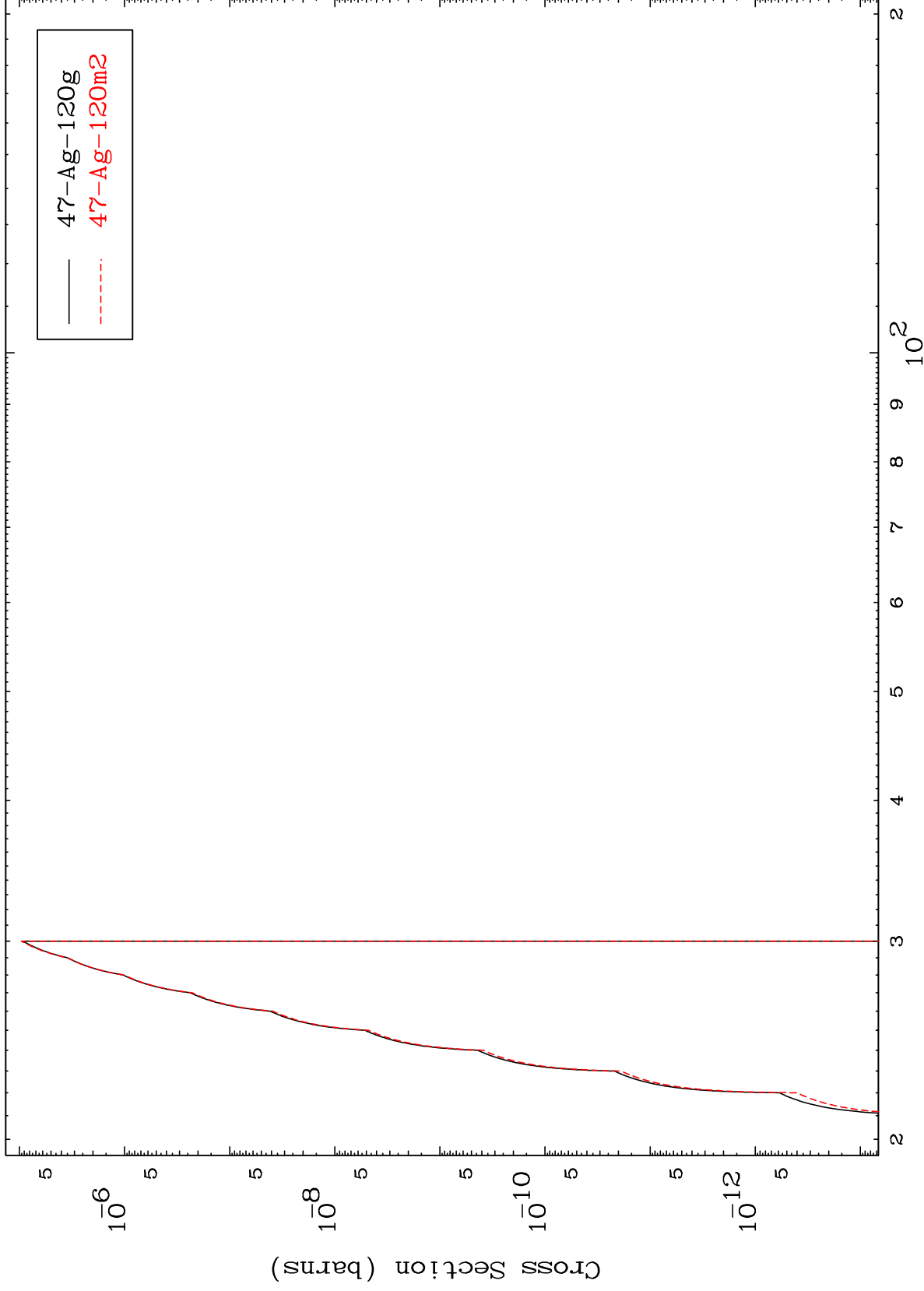
49-In-122

MAT 4953

(n,He-3)

49-In-122

Radionuclide Production Cross Section



33

Incident Energy (MeV)

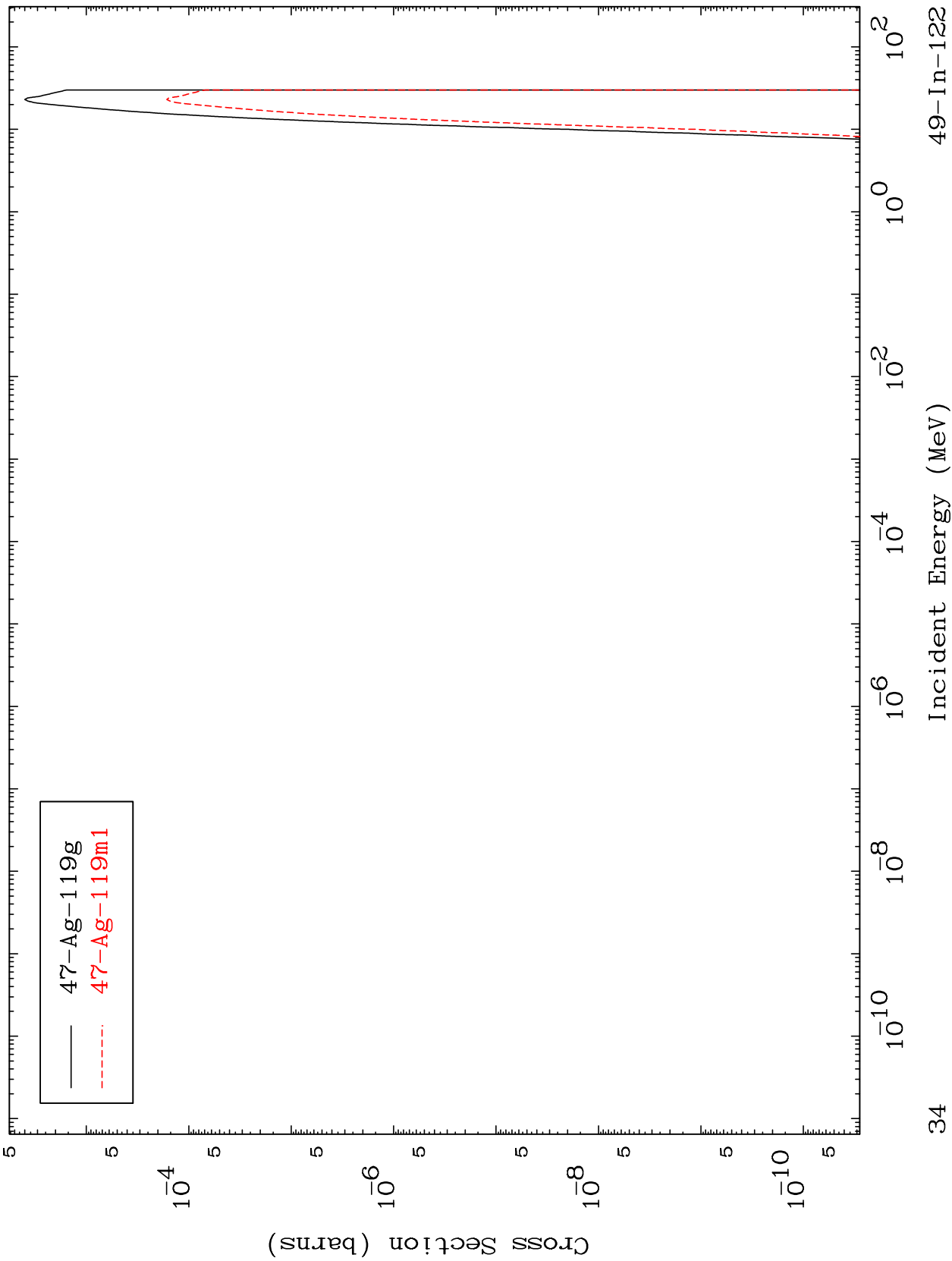
49-In-122

MAT 4953

(n, α)

49-In-122

Radionuclide Production Cross Section



— 47-Ag-119g
- - - 47-Ag-119m1