

Program EVALPLOT
(Version 2018-1)

by

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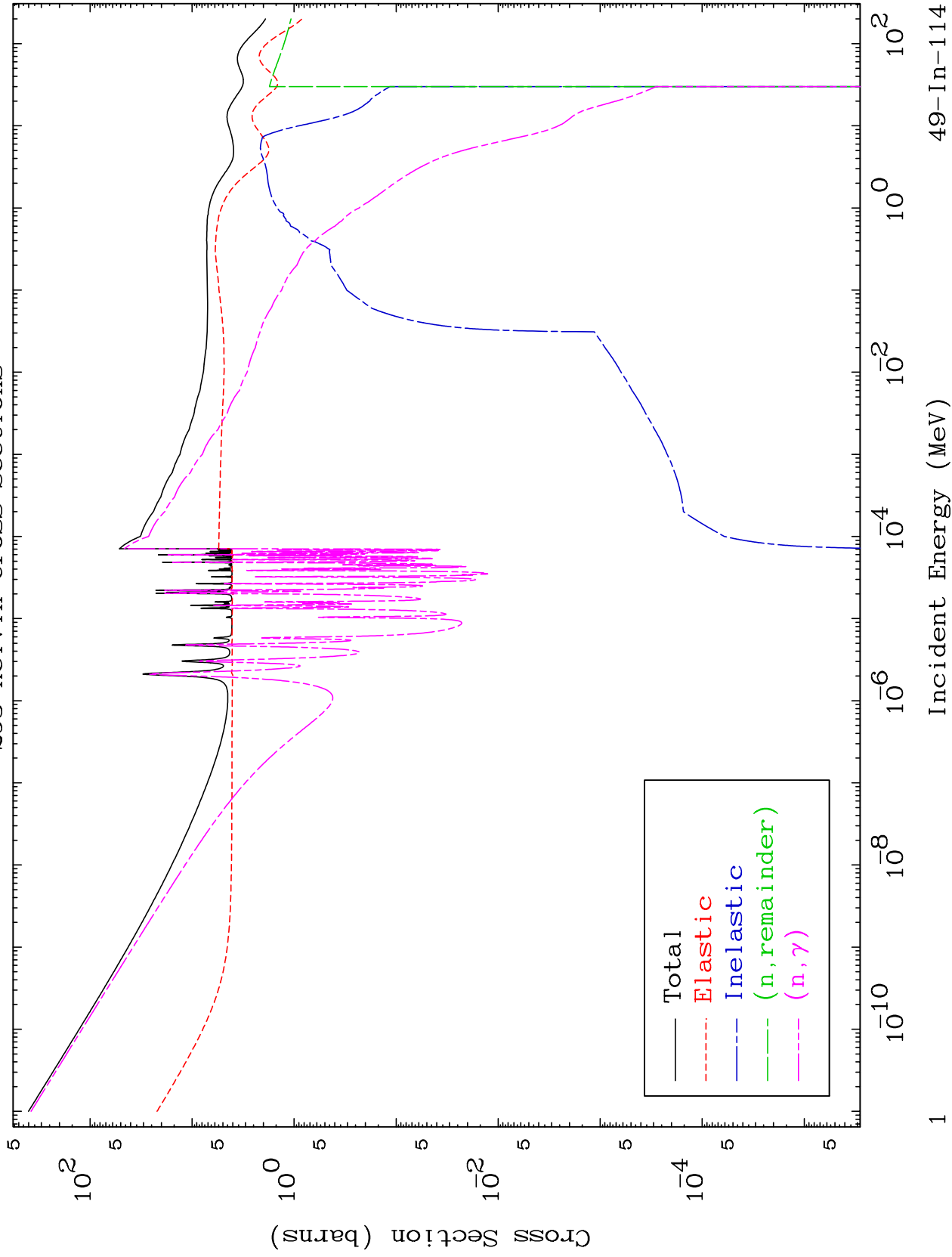
Press Mouse Button to Start

MAT 4929

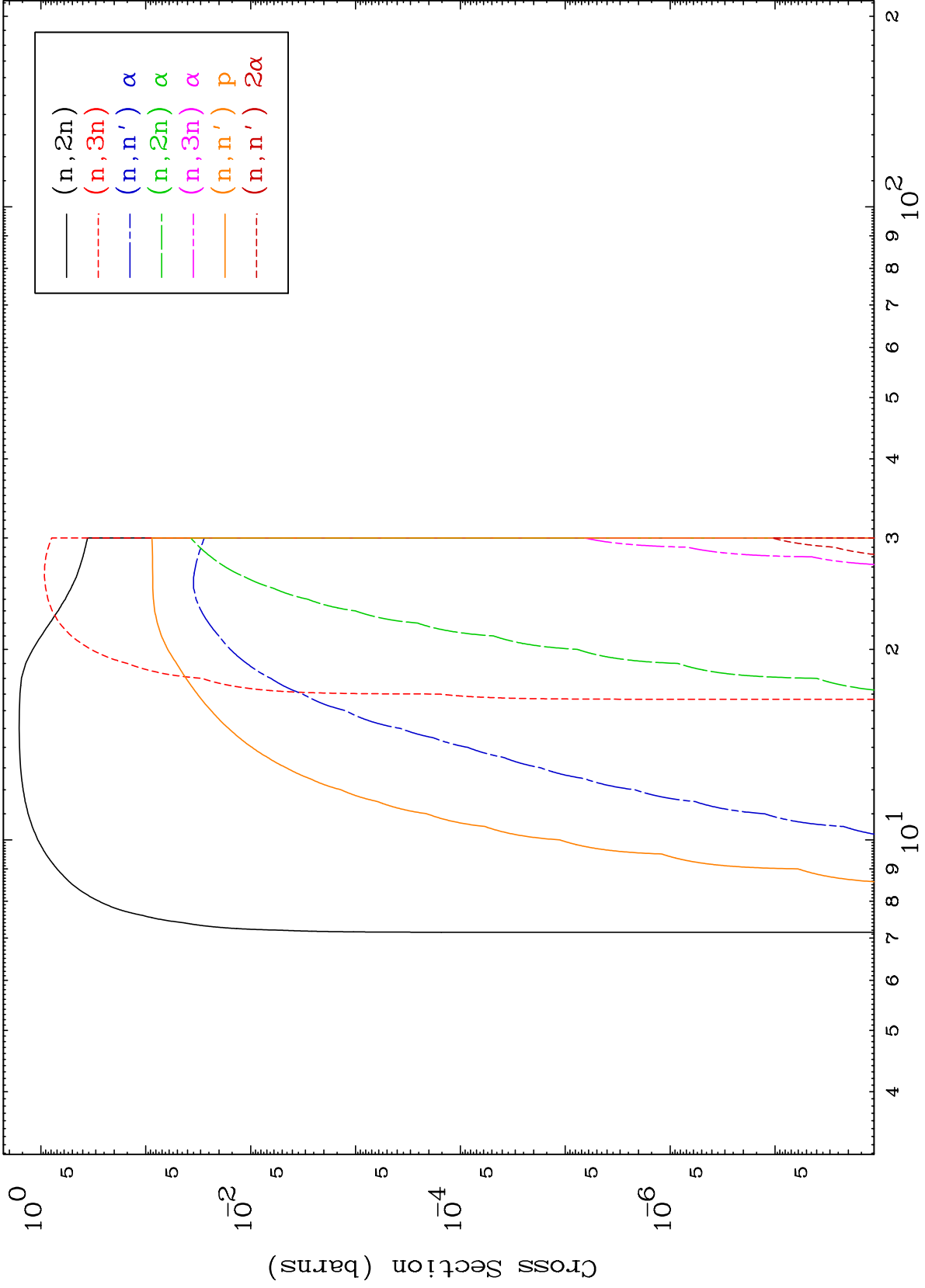
Major

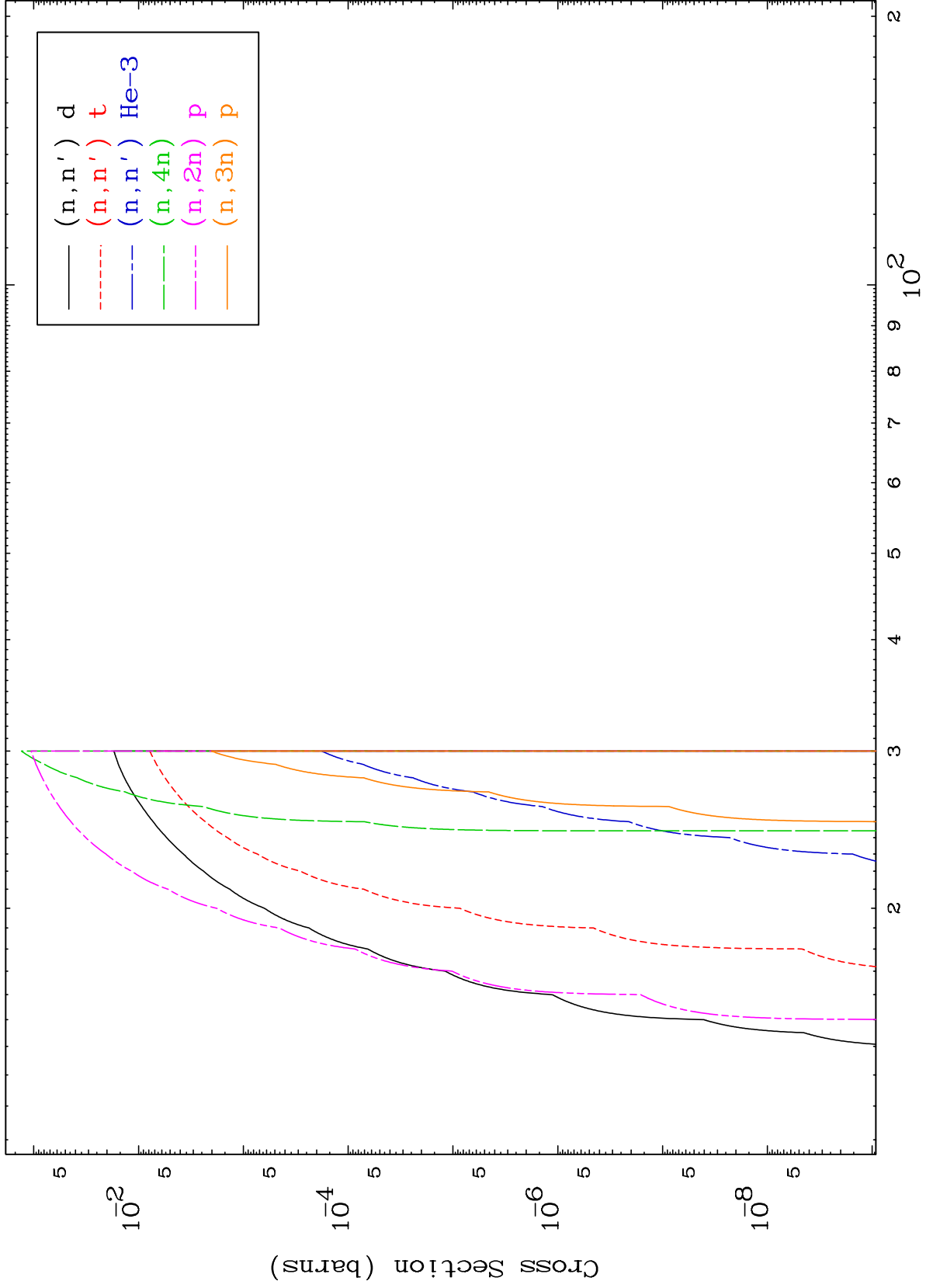
293 Kelvin Cross Sections

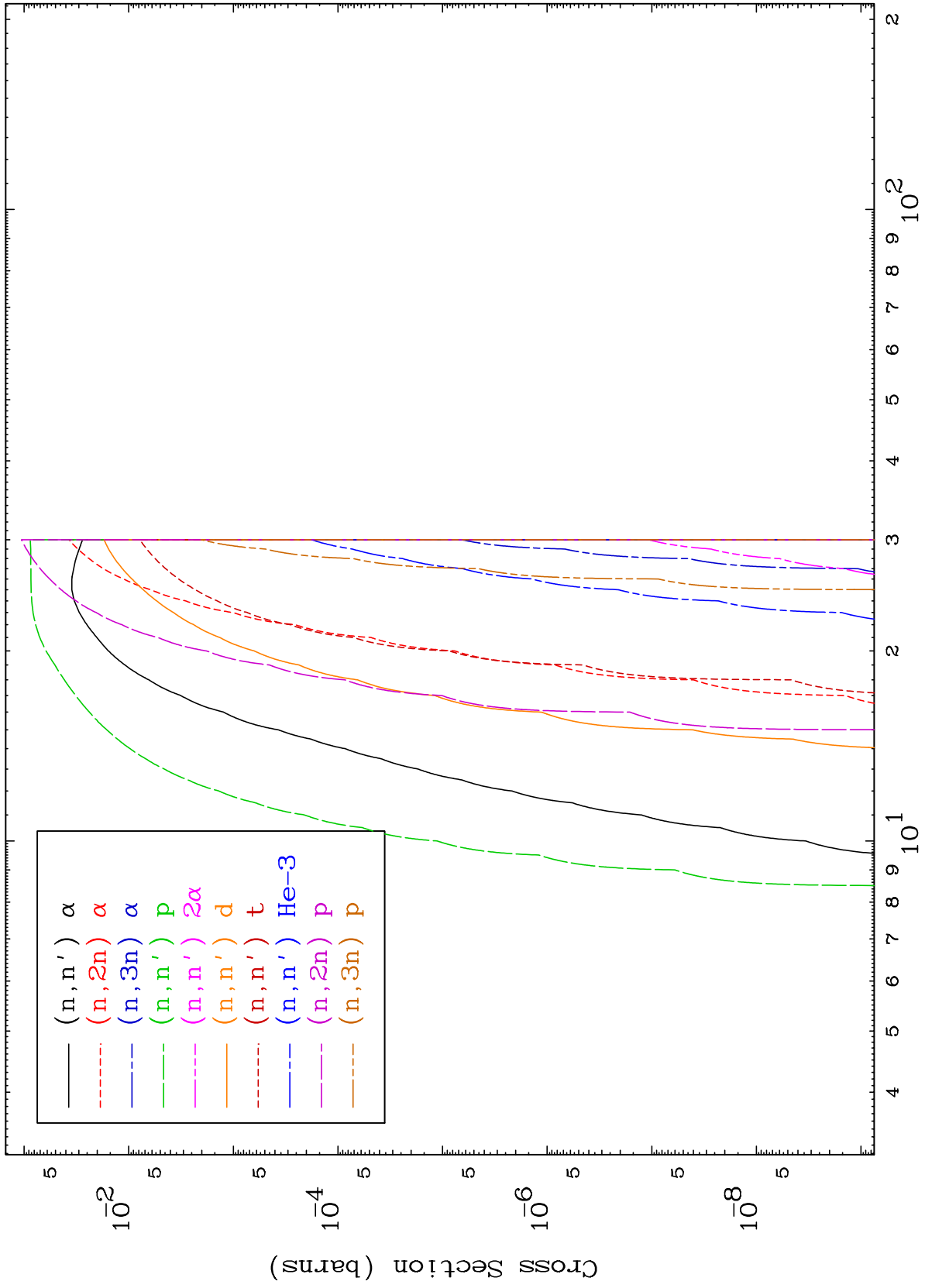
49-In-114



Neutron Production
293 Kelvin Cross Sections



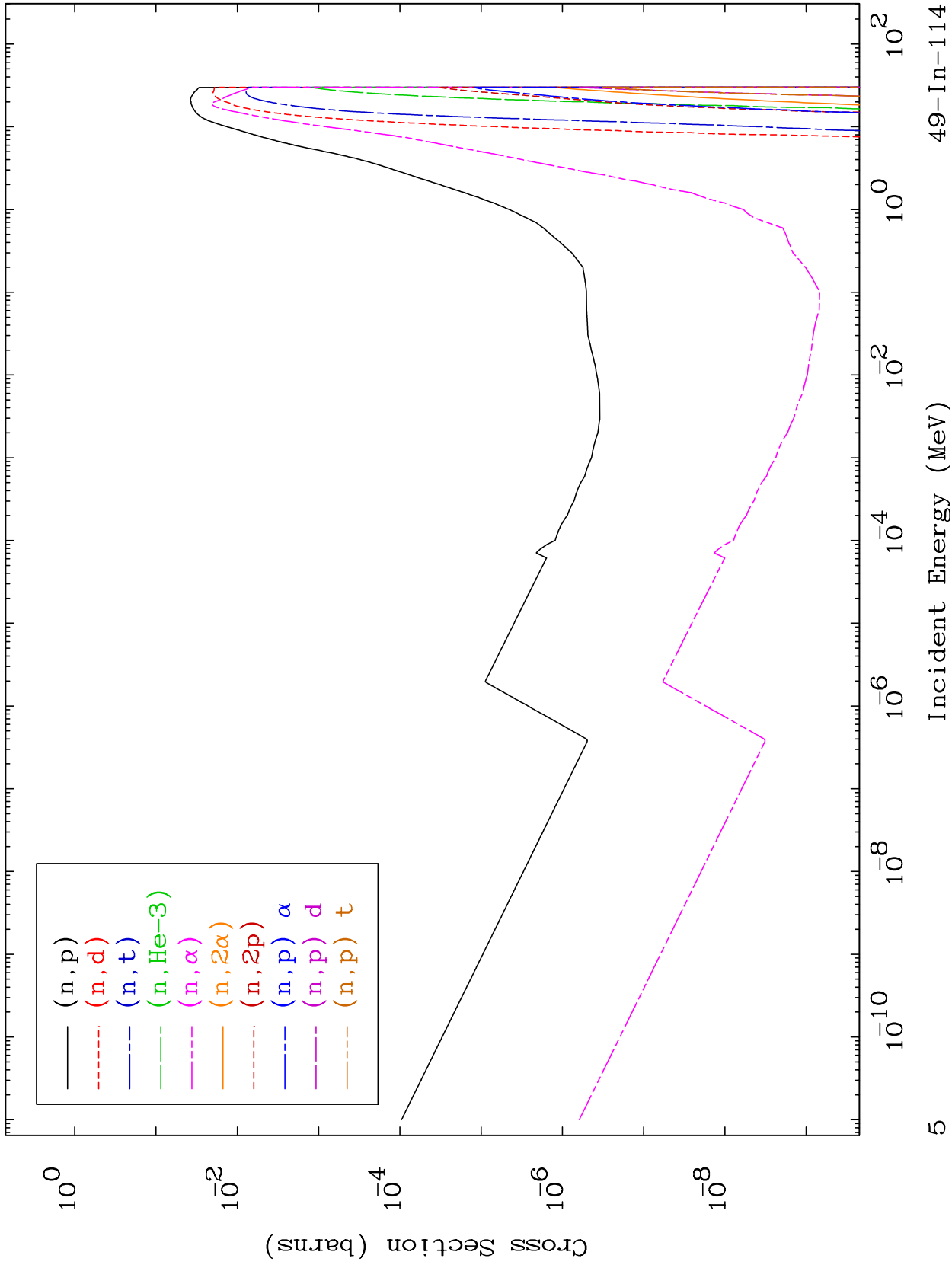




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Charged Particle
293 Kelvin Cross Sections

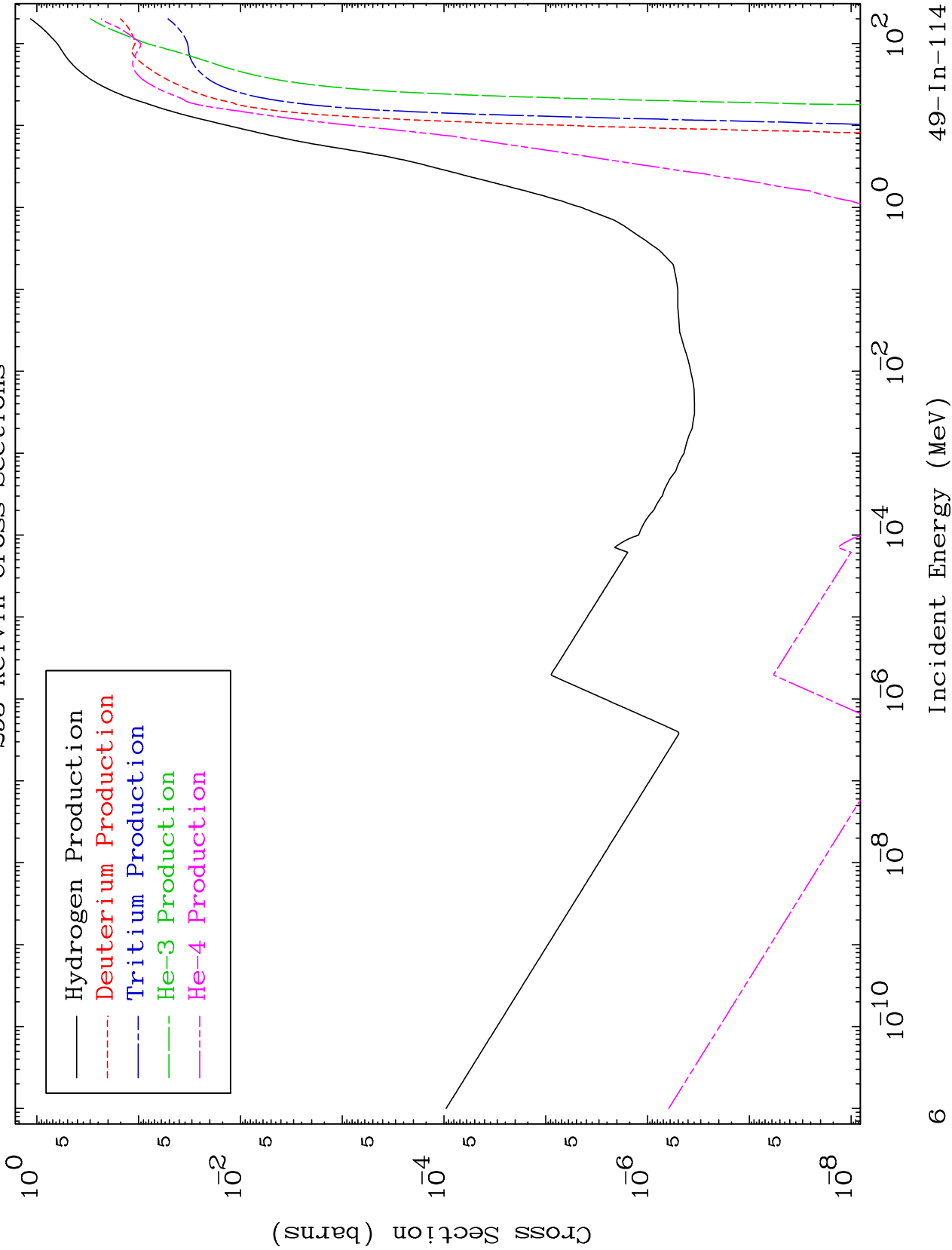
49-In-114

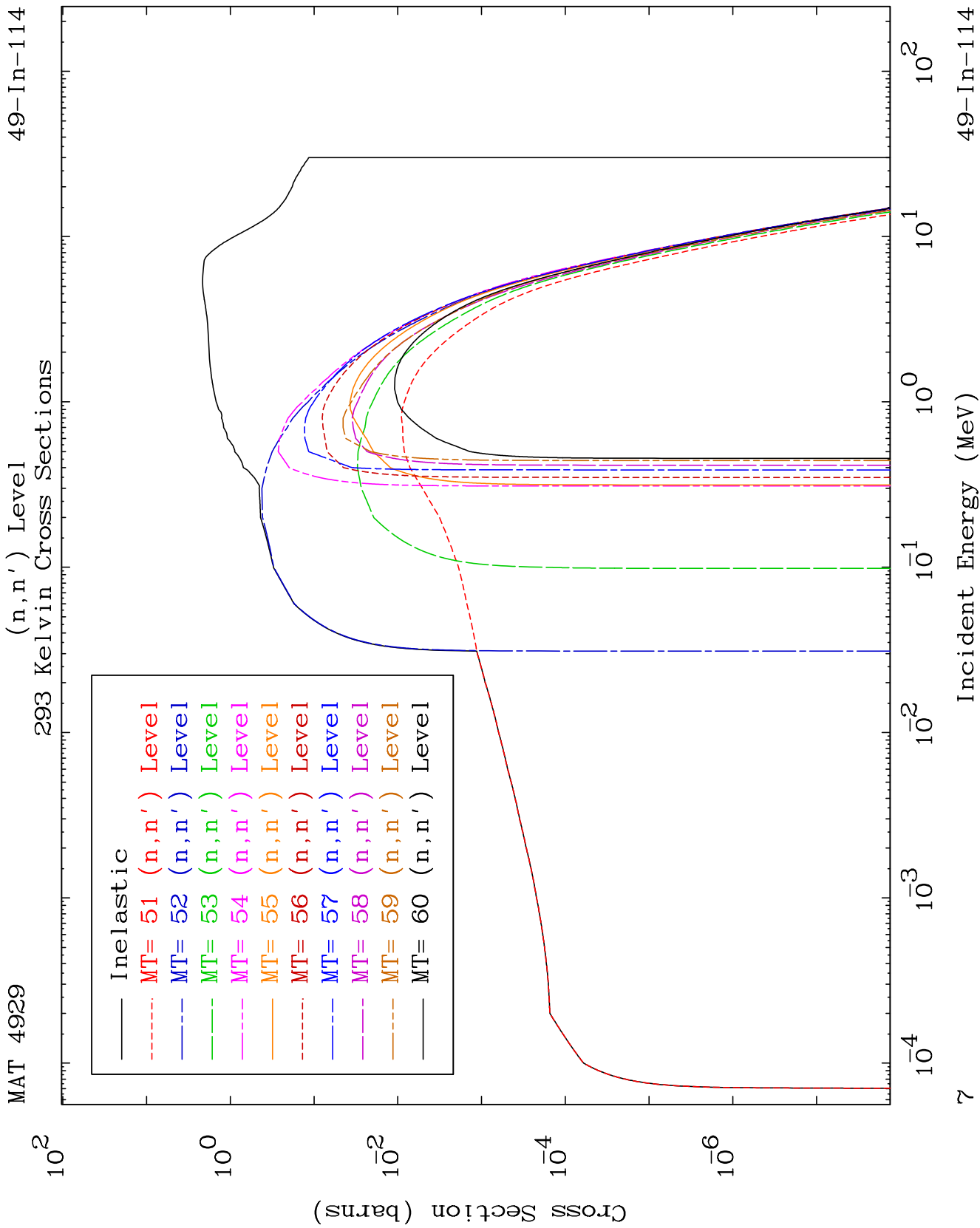


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Particle Production
293 Kelvin Cross Sections

49-In-114



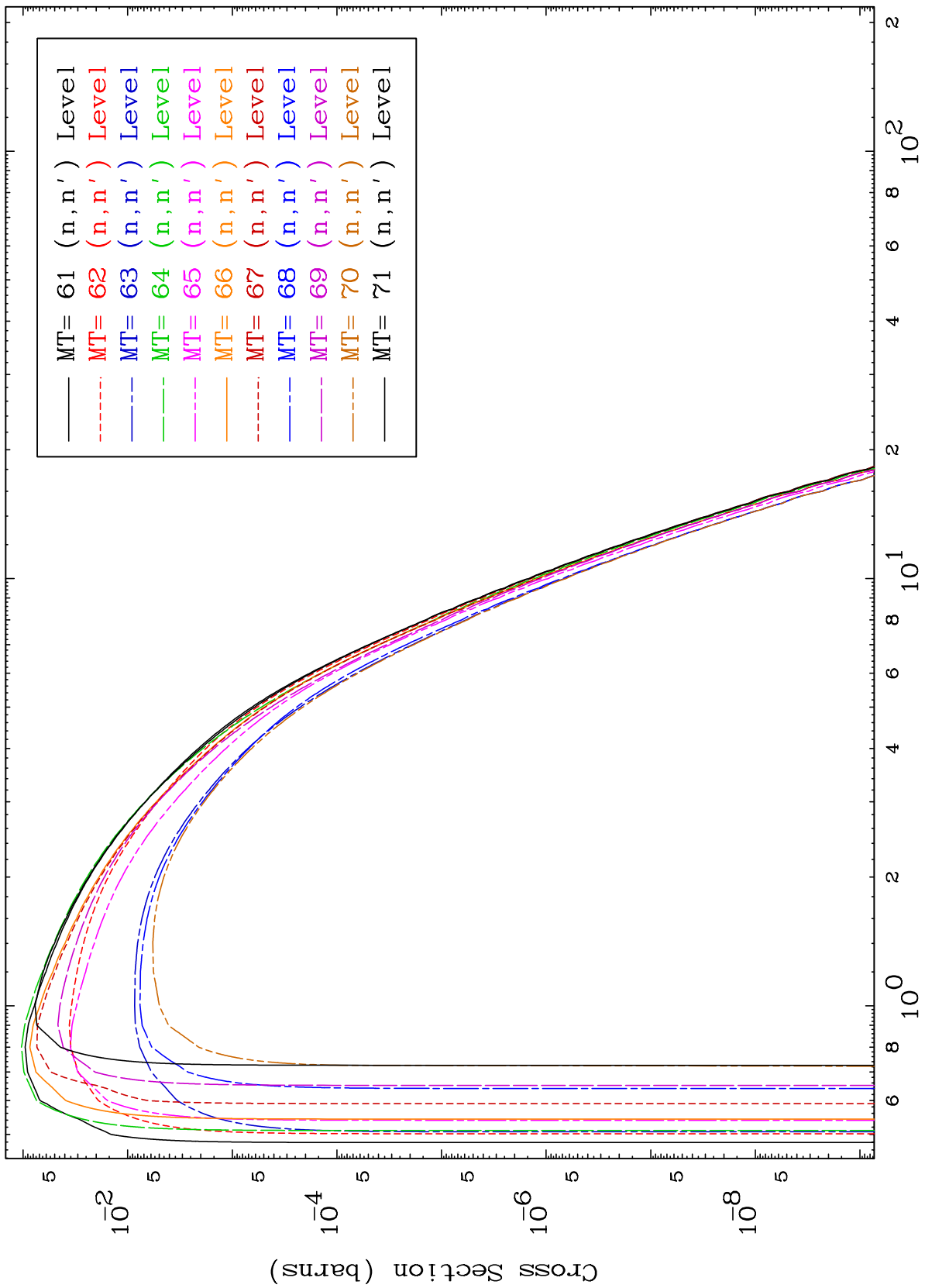


MAT 4929

(n,n') Level

49-In-114

293 Kelvin Cross Sections



8

Incident Energy (MeV)

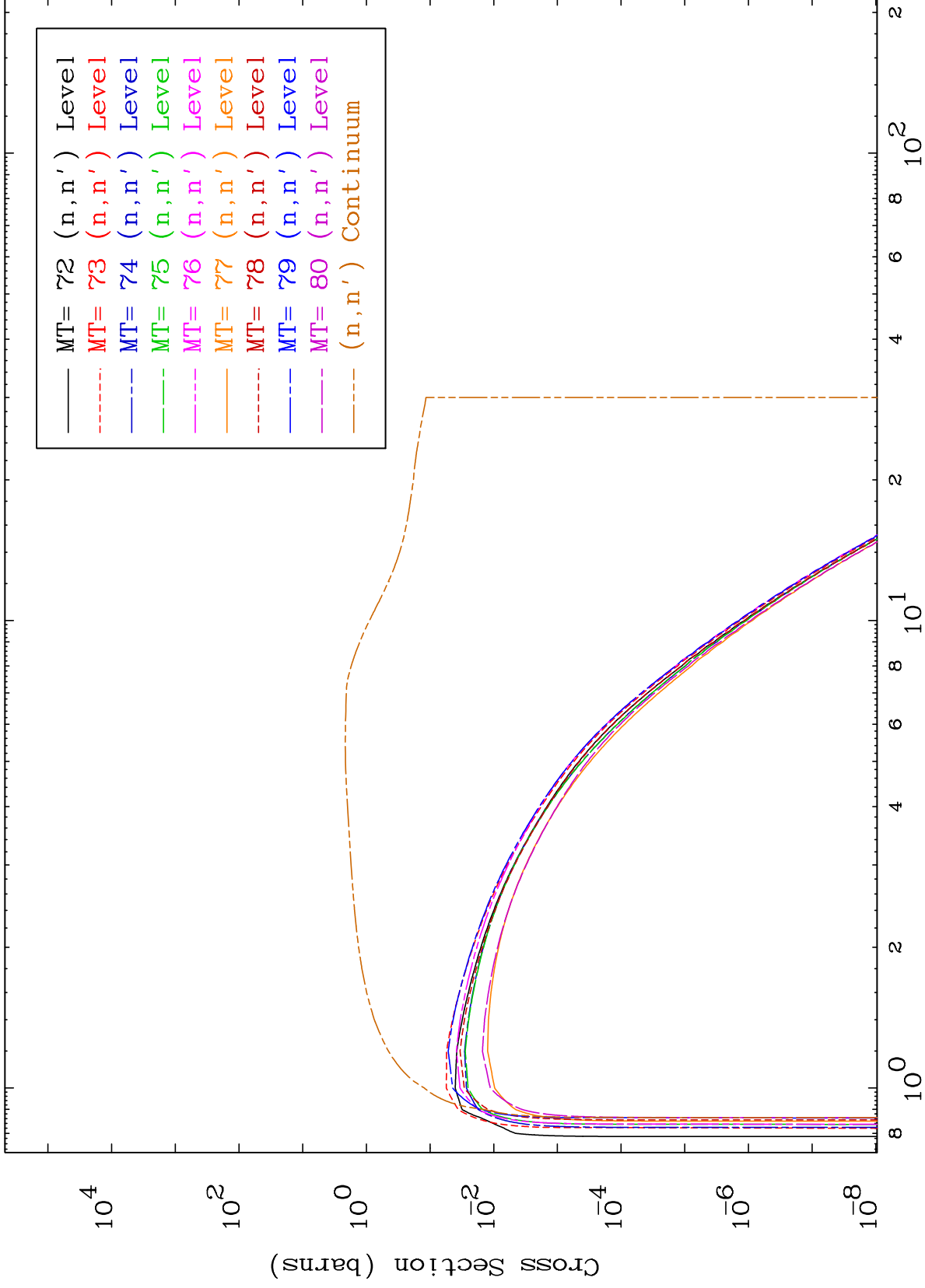
49-In-114

MAT 4929

(n,n') Level

49-In-114

293 Kelvin Cross Sections



9

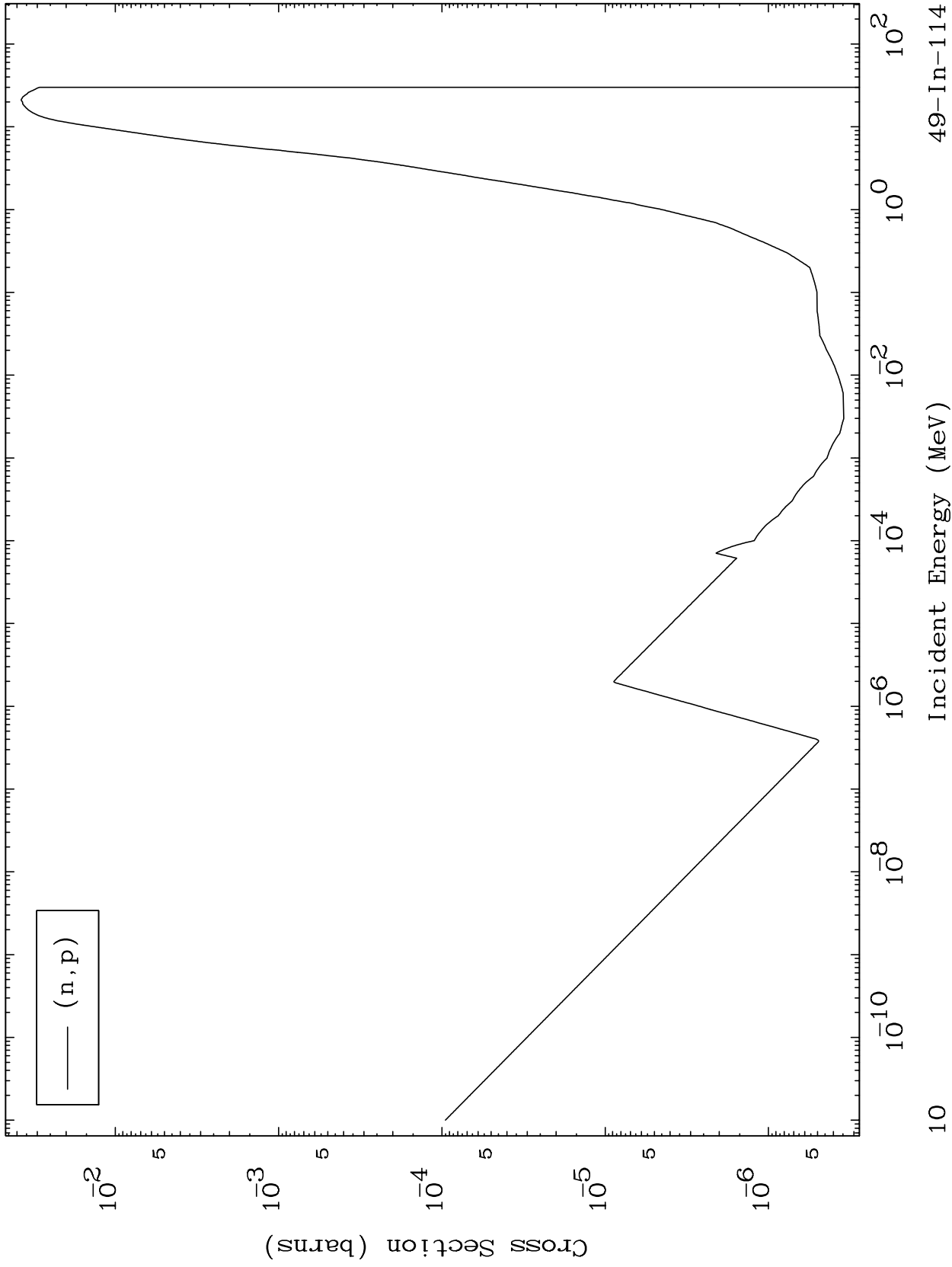
Incident Energy (MeV)

49-In-114

MAT 4929

(n,p) Levels
293 Kelvin Cross Sections

49-In-114



10

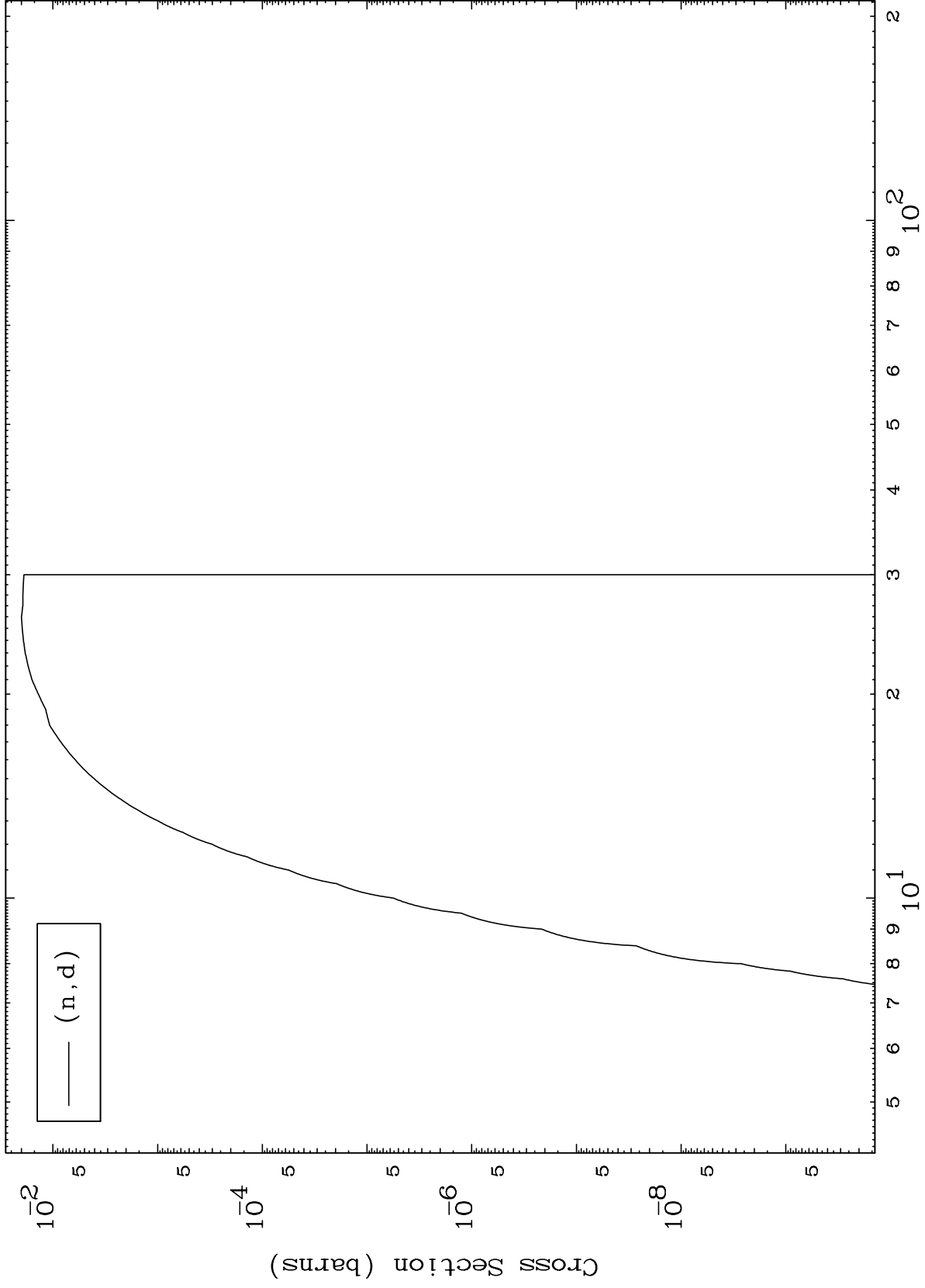
Incident Energy (MeV)

49-In-114

MAT 4929

(n,d) Levels
293 Kelvin Cross Sections

49-In-114



11

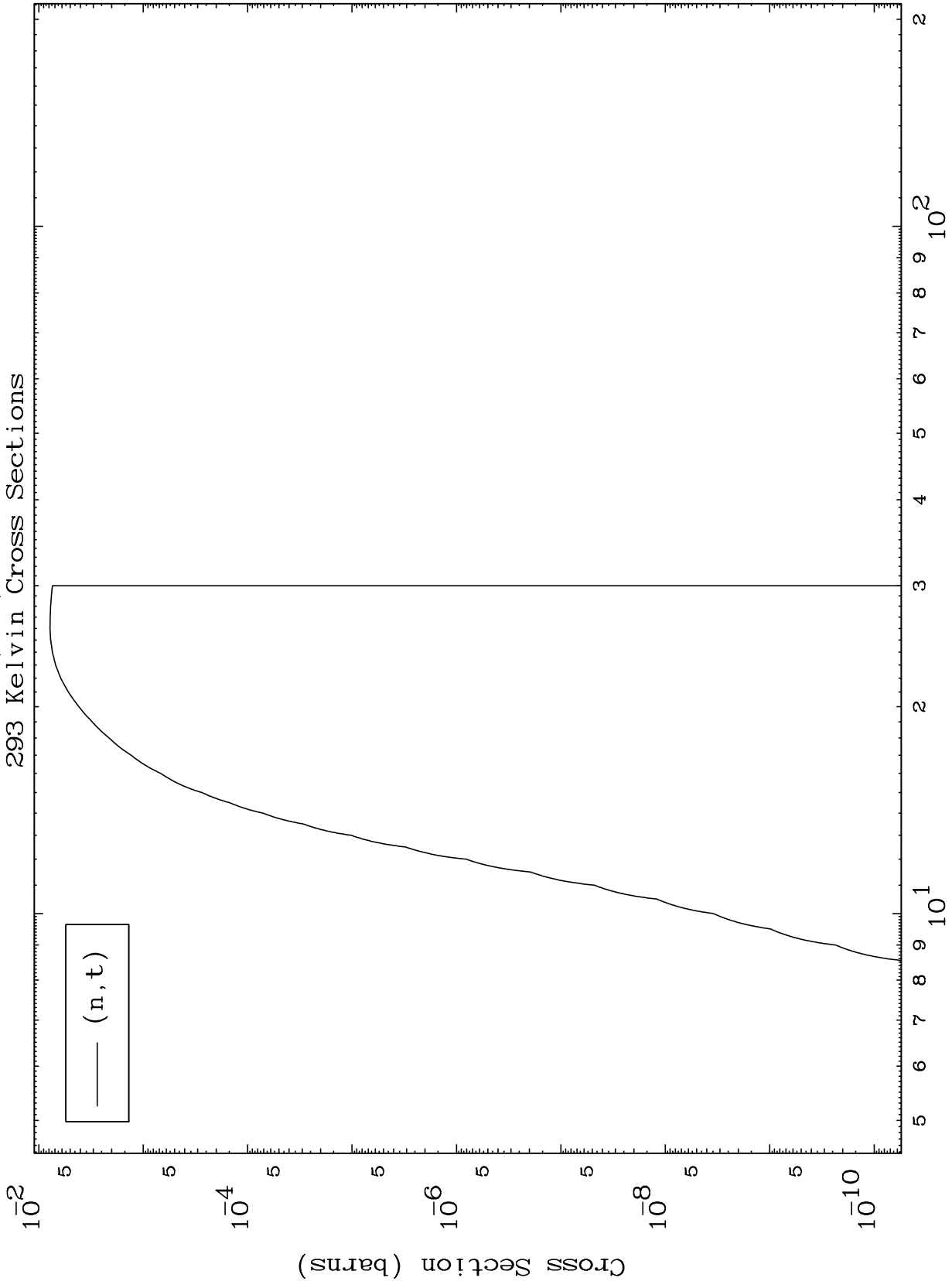
Incident Energy (MeV)

49-In-114

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(n,t) Levels
293 Kelvin Cross Sections

49-In-114



(n,t)

12

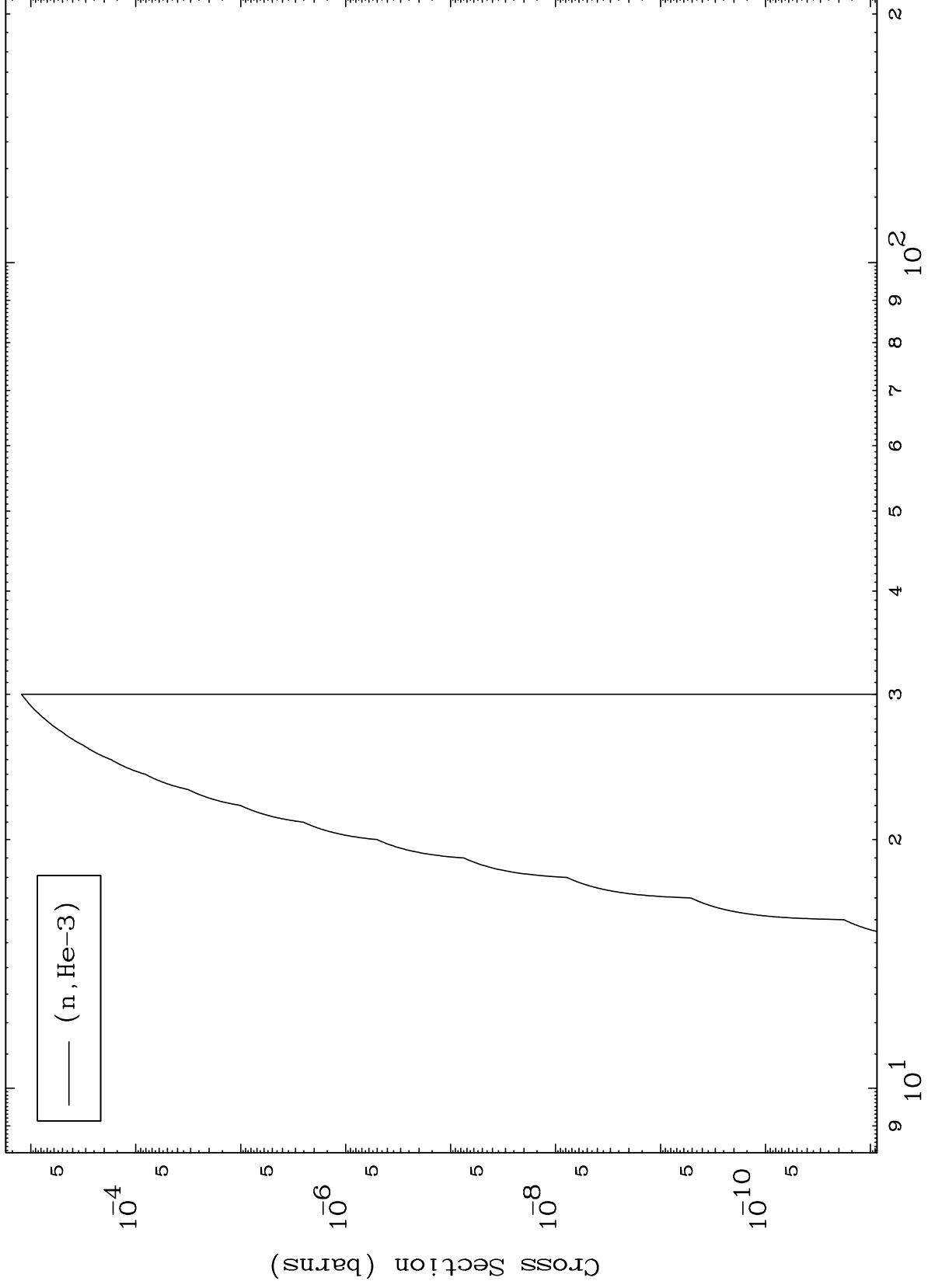
Incident Energy (MeV)

49-In-114

MAT 4929

(n,He3) Levels
293 Kelvin Cross Sections

49-In-114



13

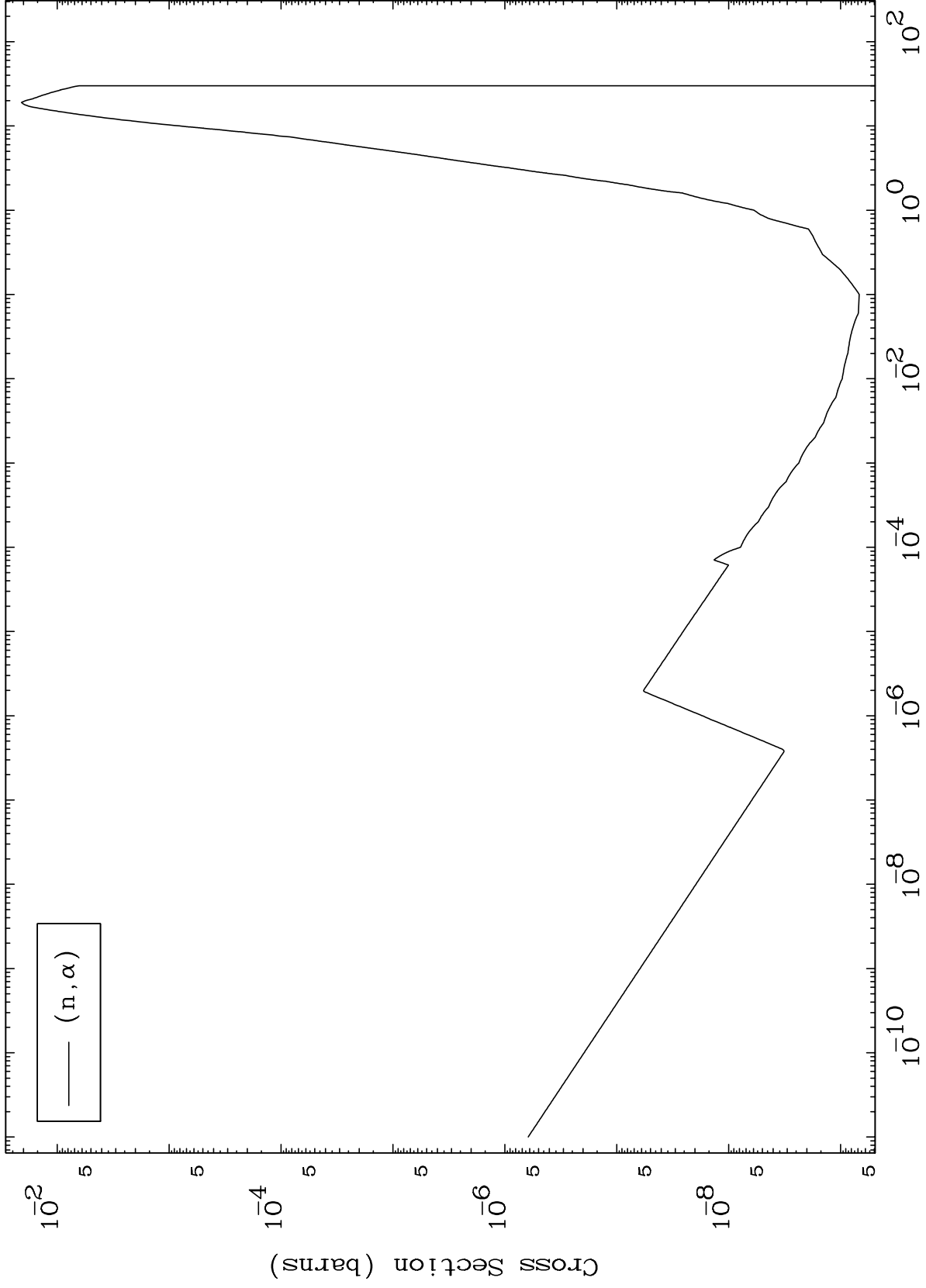
Incident Energy (MeV)

49-In-114

MAT 4929

(n, α) Levels
293 Kelvin Cross Sections

49-In-114

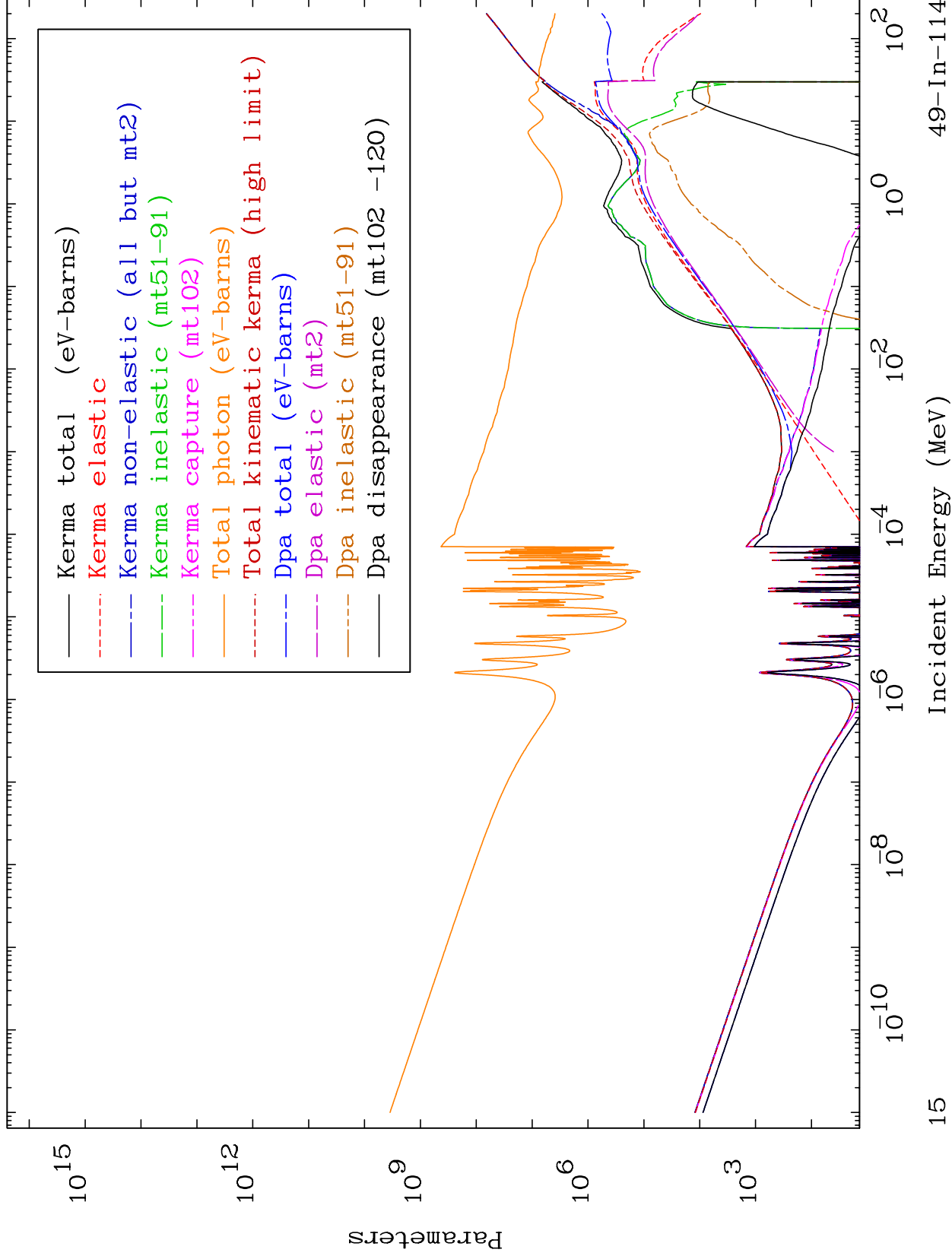


(n, α)

49-In-114

Incident Energy (MeV)

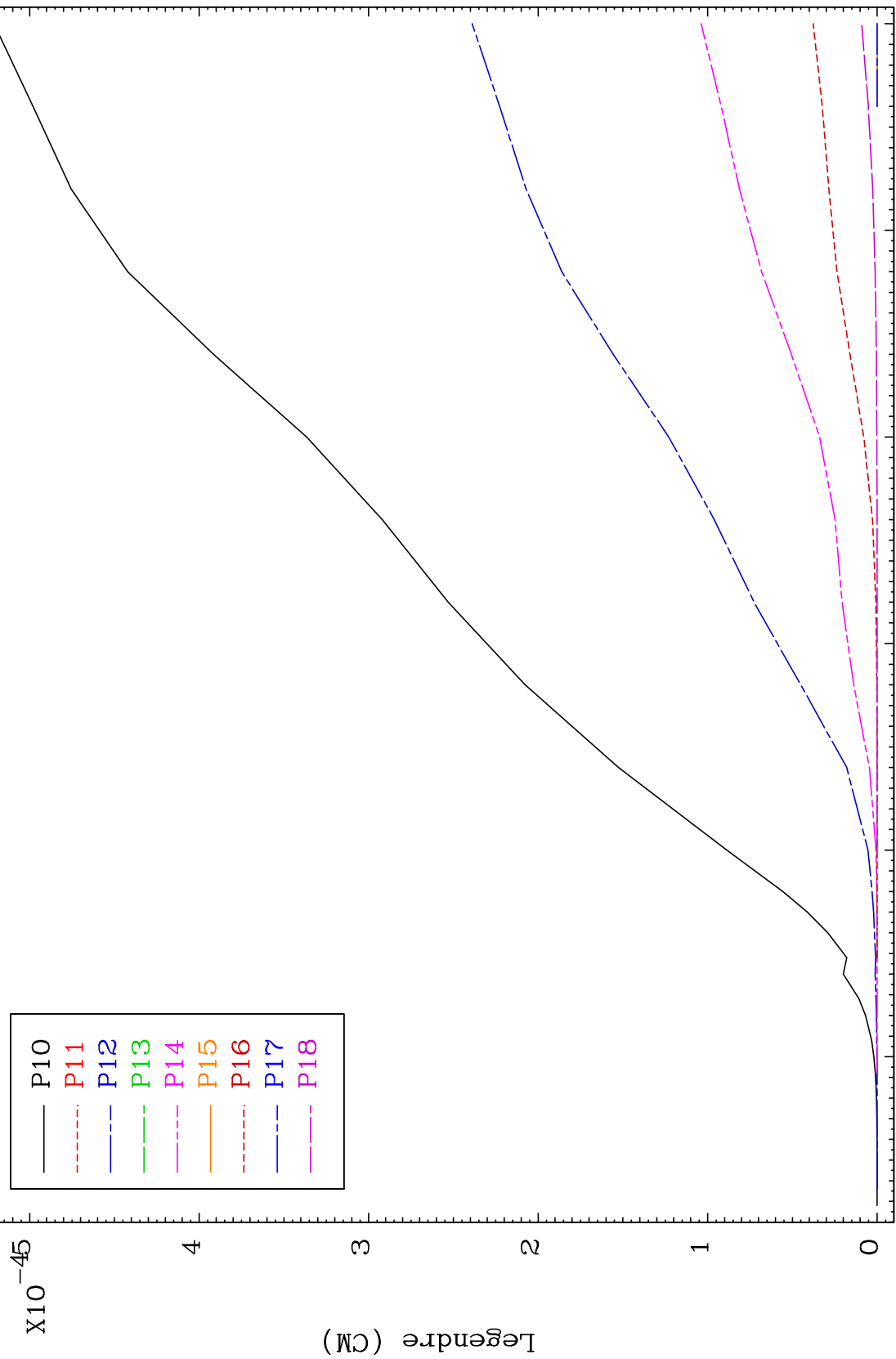
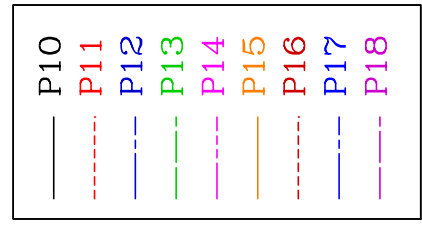
14



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Elastic Legendre Coefficients

49-In-114



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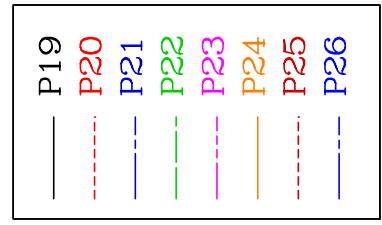
Incident Energy (MeV)

49-In-114

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Elastic Legendre Coefficients

49-In-114



$\times 10^{-7}$

Legendre (CM)

4
3
2
1
0

15

20

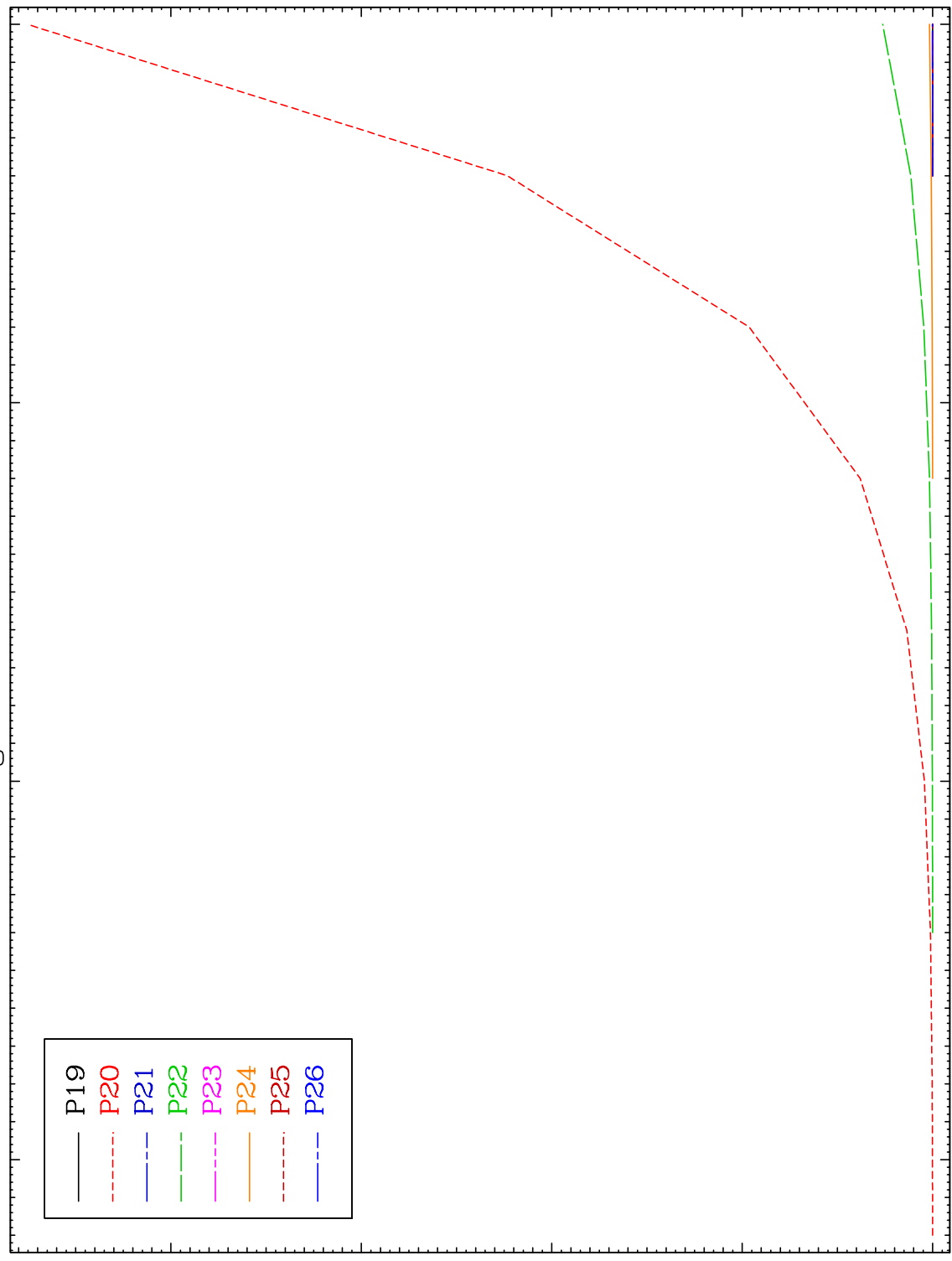
25

30

18

Incident Energy (MeV)

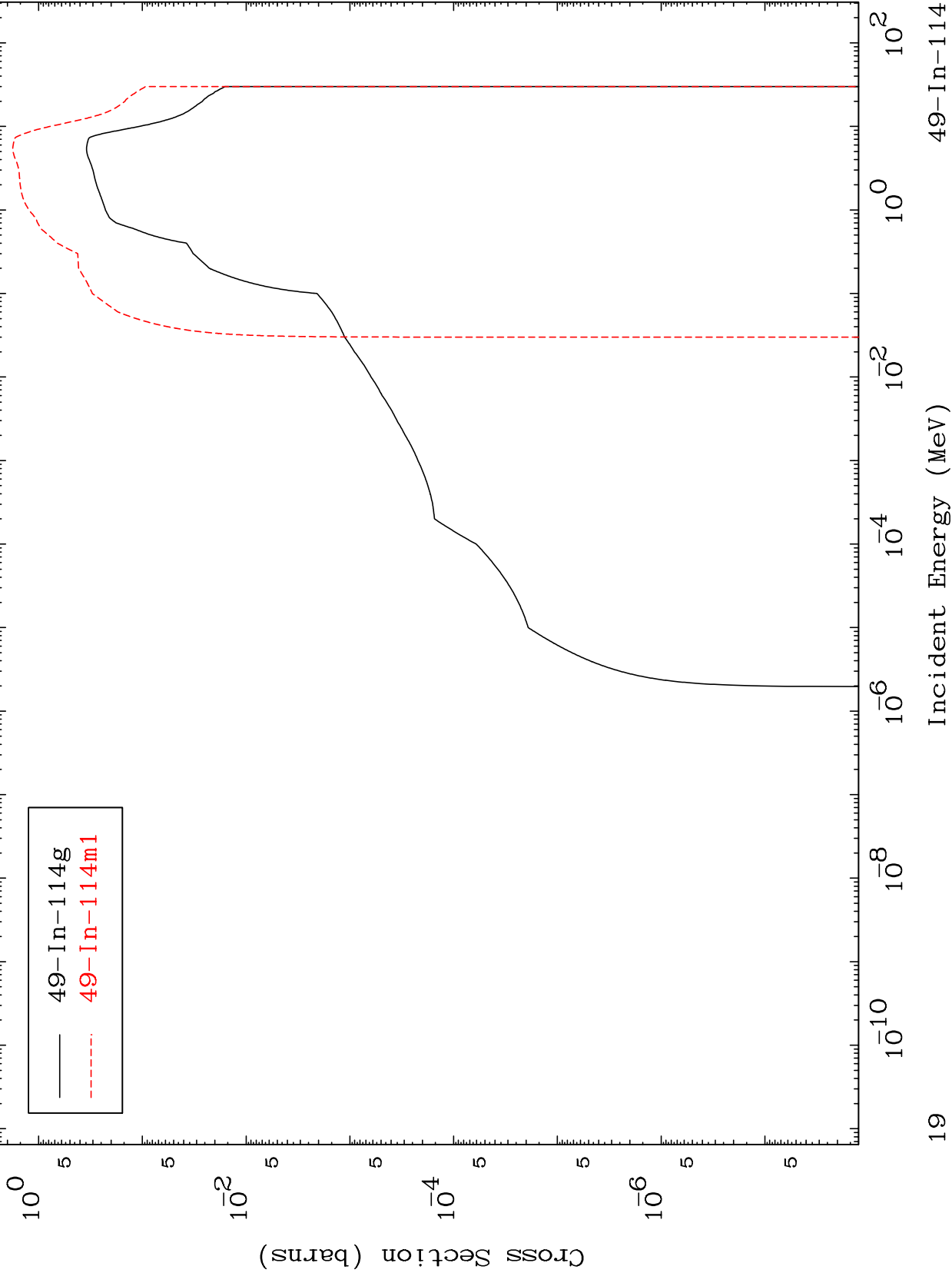
49-In-114



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49-In-114

Inelastic
Radionuclide Production Cross Section

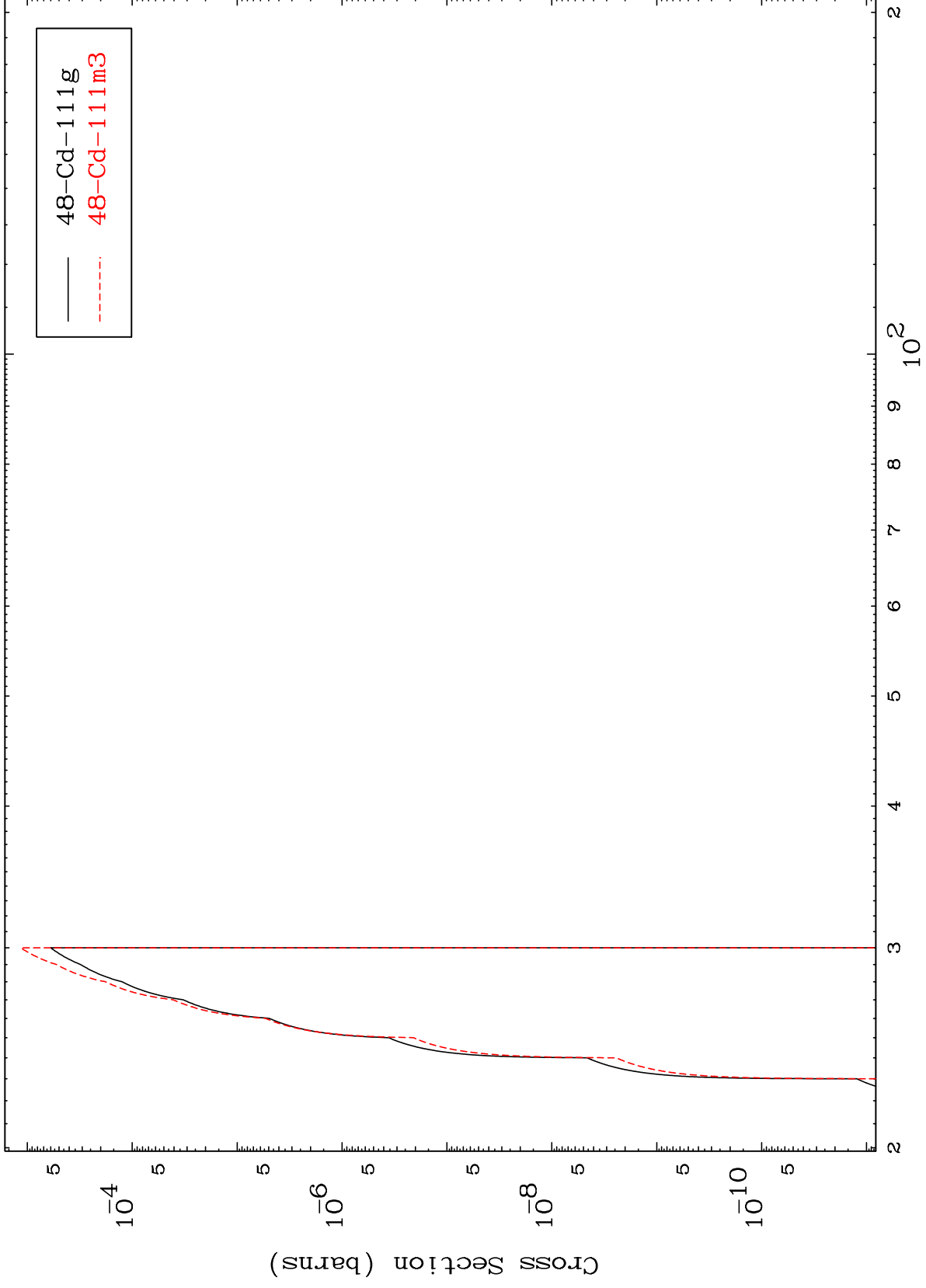


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(n,2n) d

49-In-114

Radionuclide Production Cross Section



20

Incident Energy (MeV)

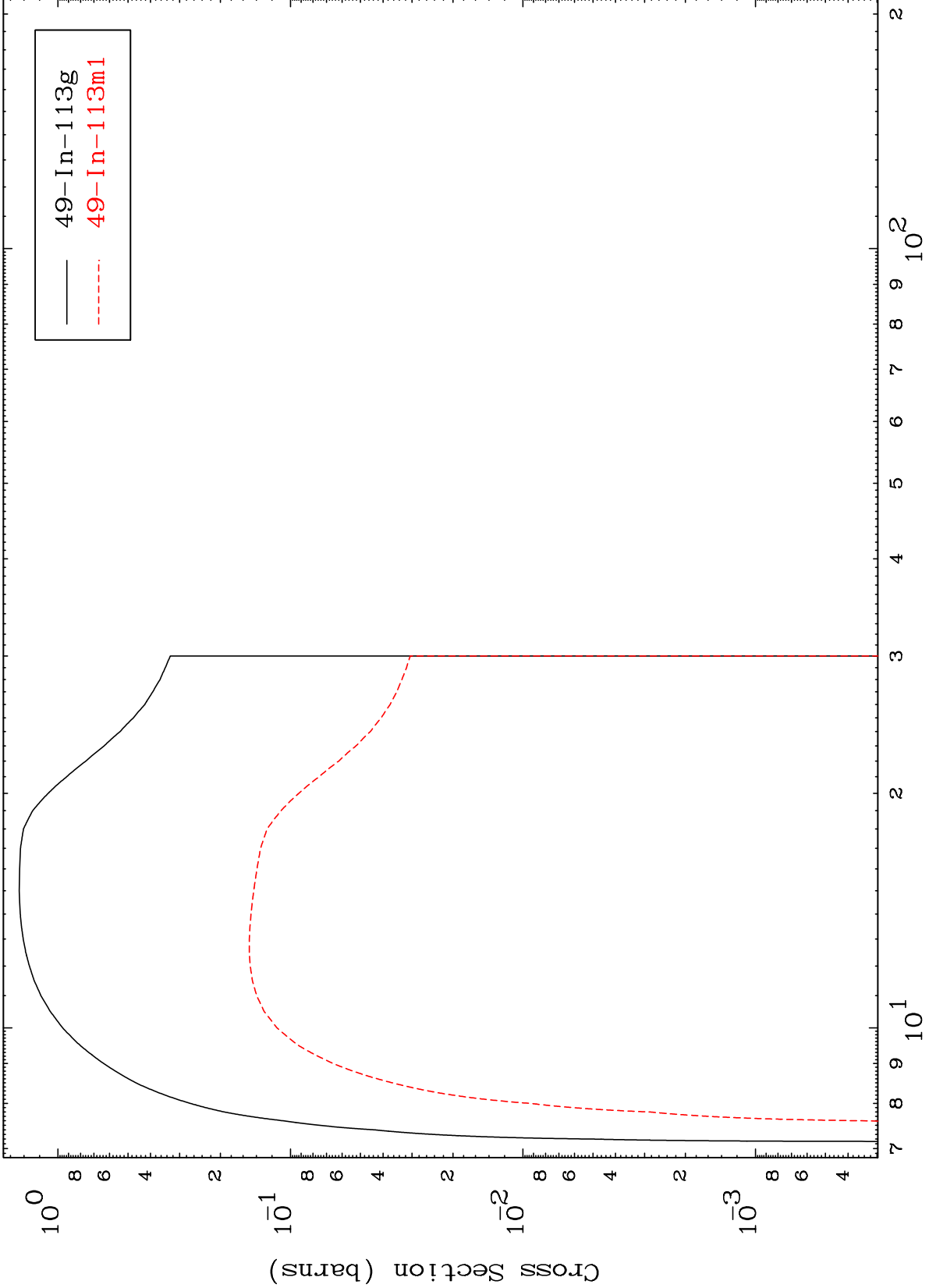
49-In-114

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(n,2n)

49-In-114

Radionuclide Production Cross Section



— 49-In-113g
- - - 49-In-113m1

21

Incident Energy (MeV)

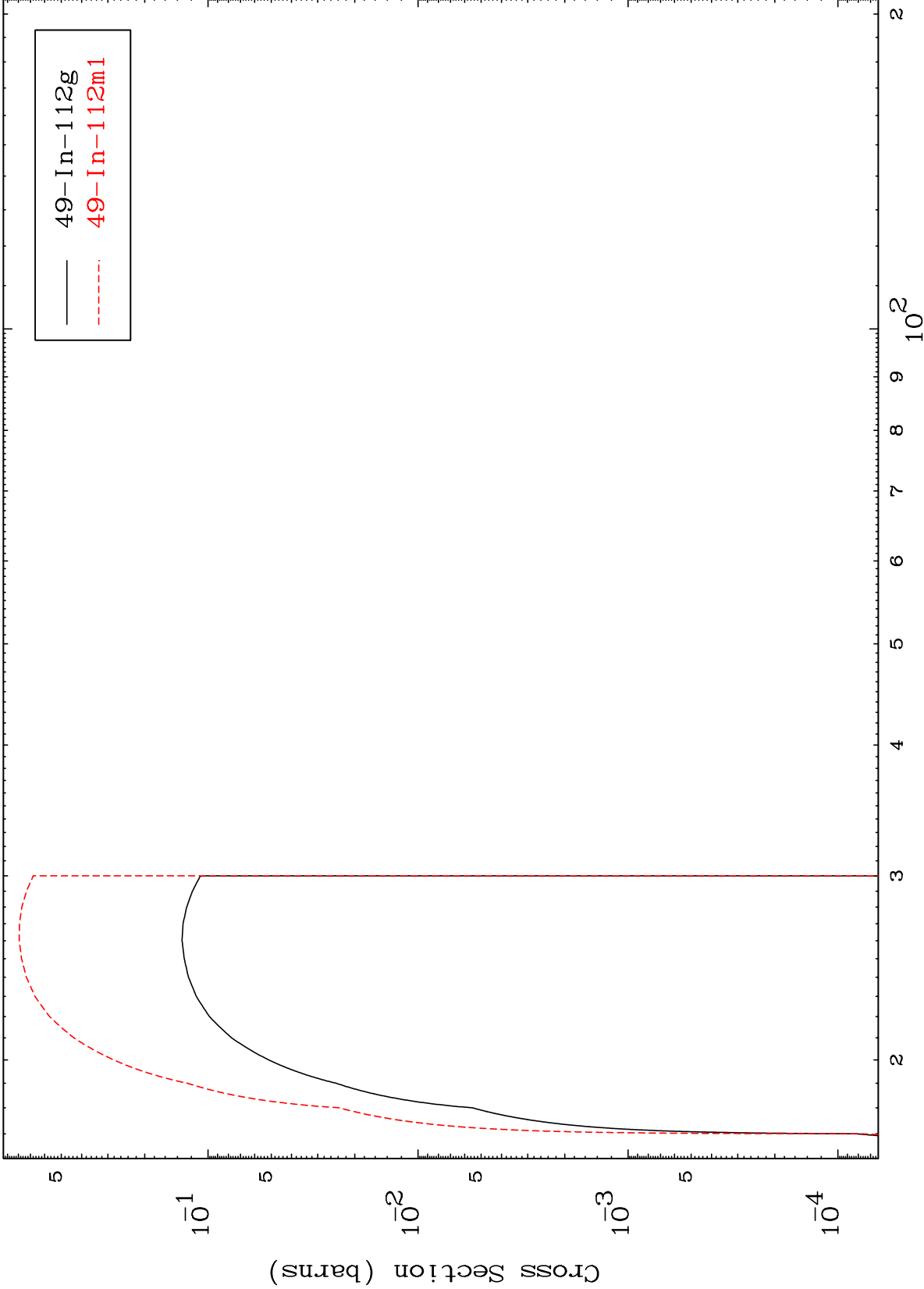
49-In-114

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(n,3n)

49-In-114

Radionuclide Production Cross Section



22

Incident Energy (MeV)

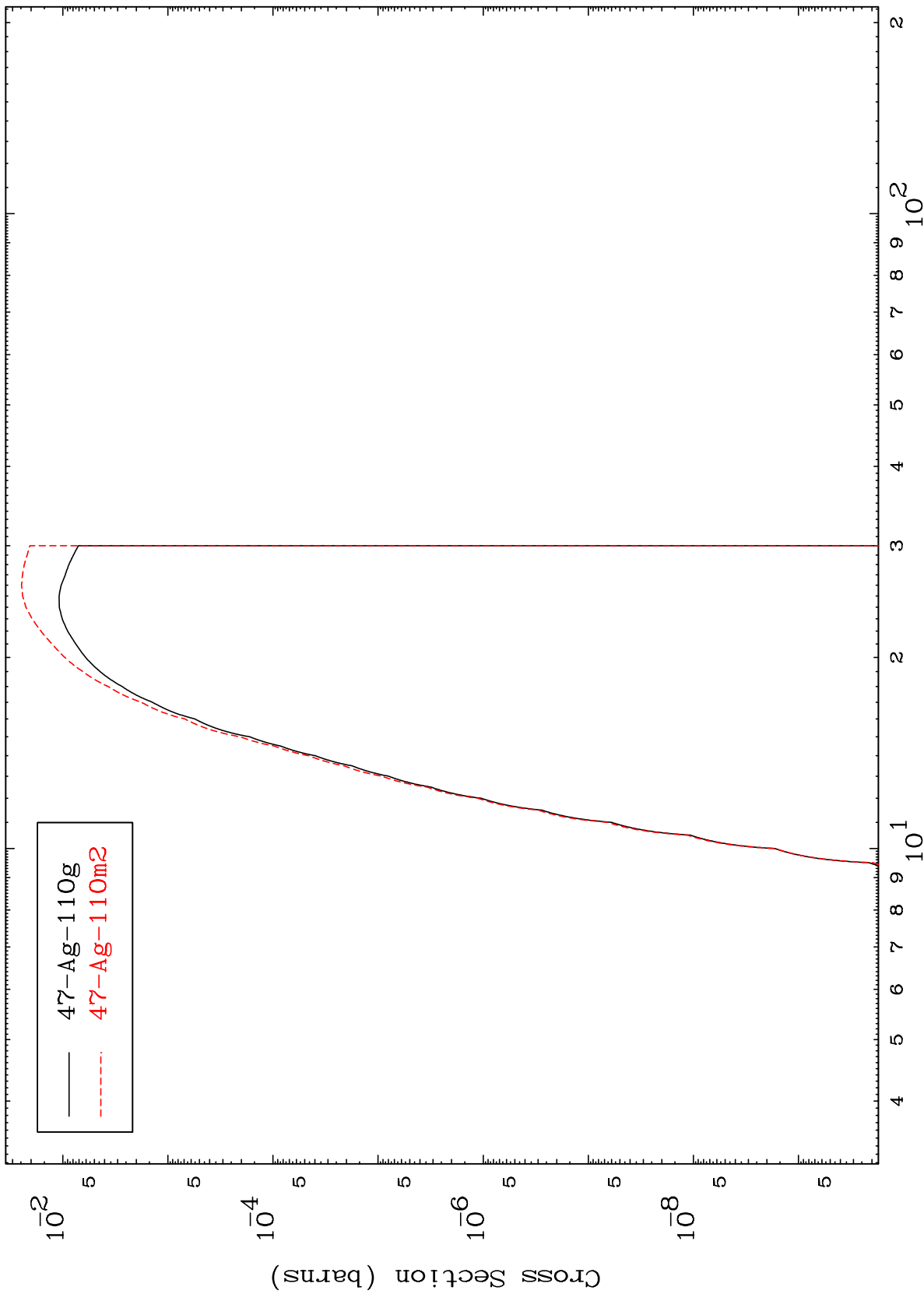
49-In-114

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49-In-114

(n,n') α

Radionuclide Production Cross Section



23

49-In-114

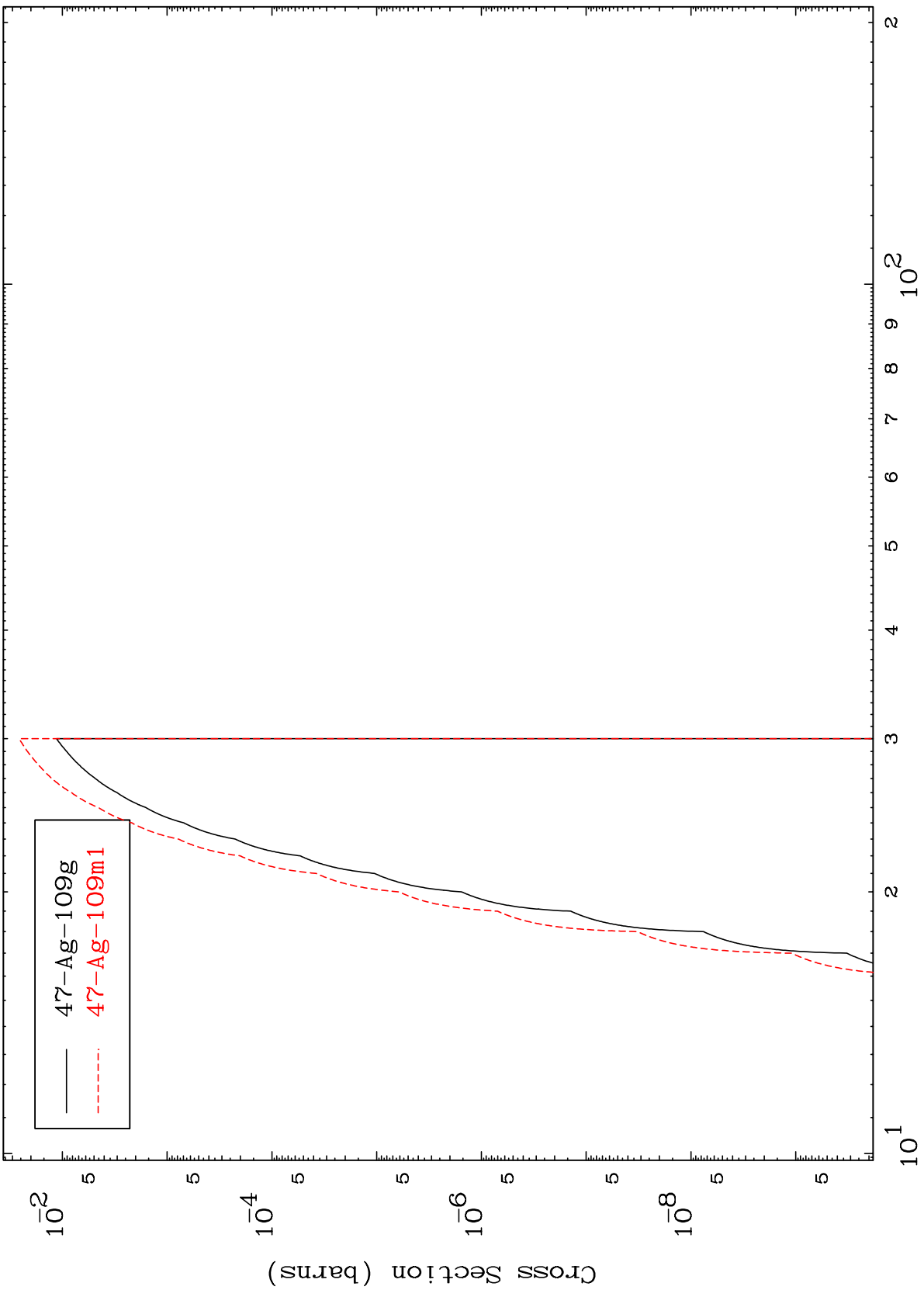
Incident Energy (MeV)

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(n,2n) α

49-In-114

Radionuclide Production Cross Section



— 47-Ag-109g
- - - 47-Ag-109m1

24

Incident Energy (MeV)

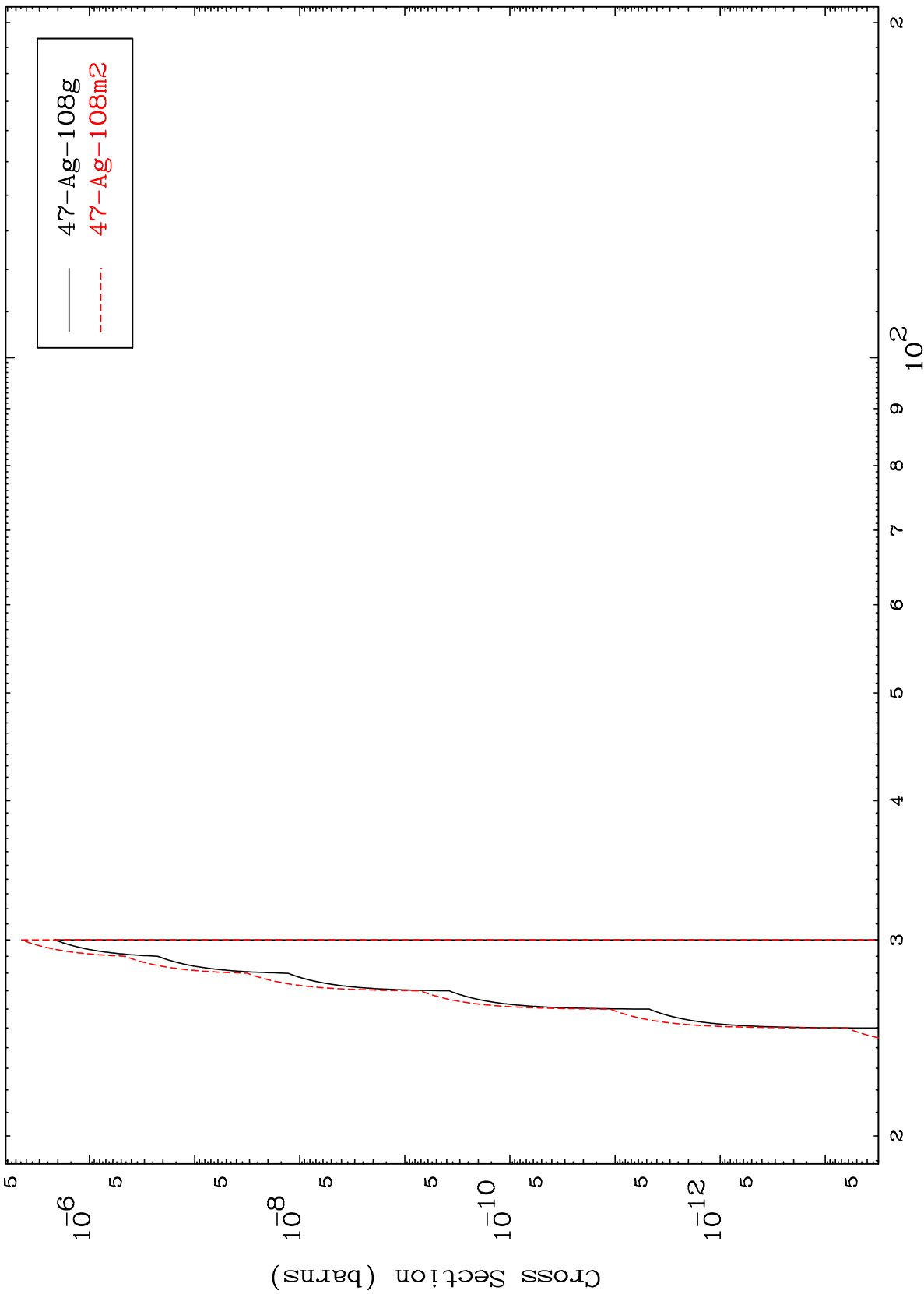
49-In-114

MAT 4929

(n,3n) α

49-In-114

Radionuclide Production Cross Section

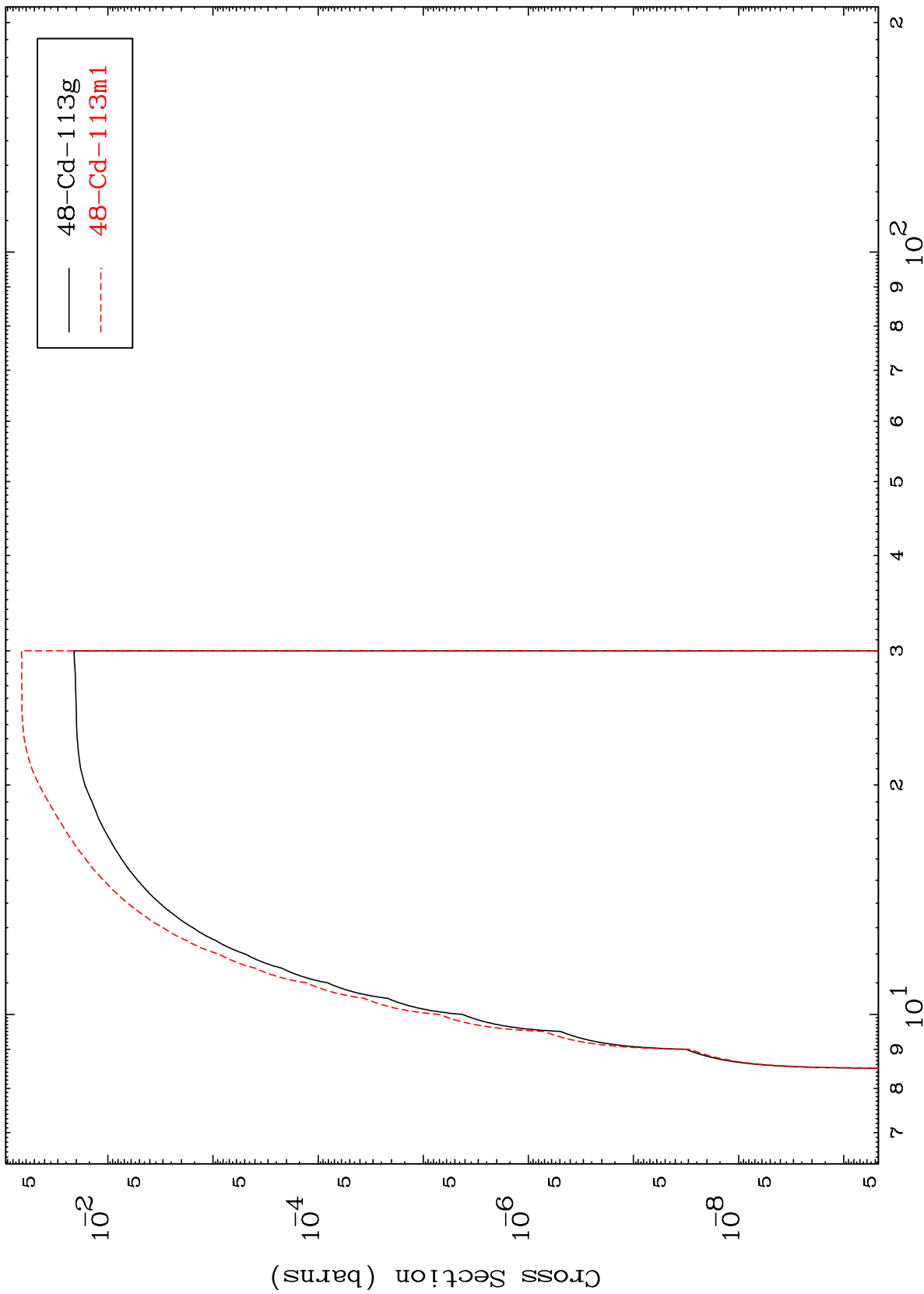


25

Incident Energy (MeV)

49-In-114

(n,n') p
Radionuclide Production Cross Section

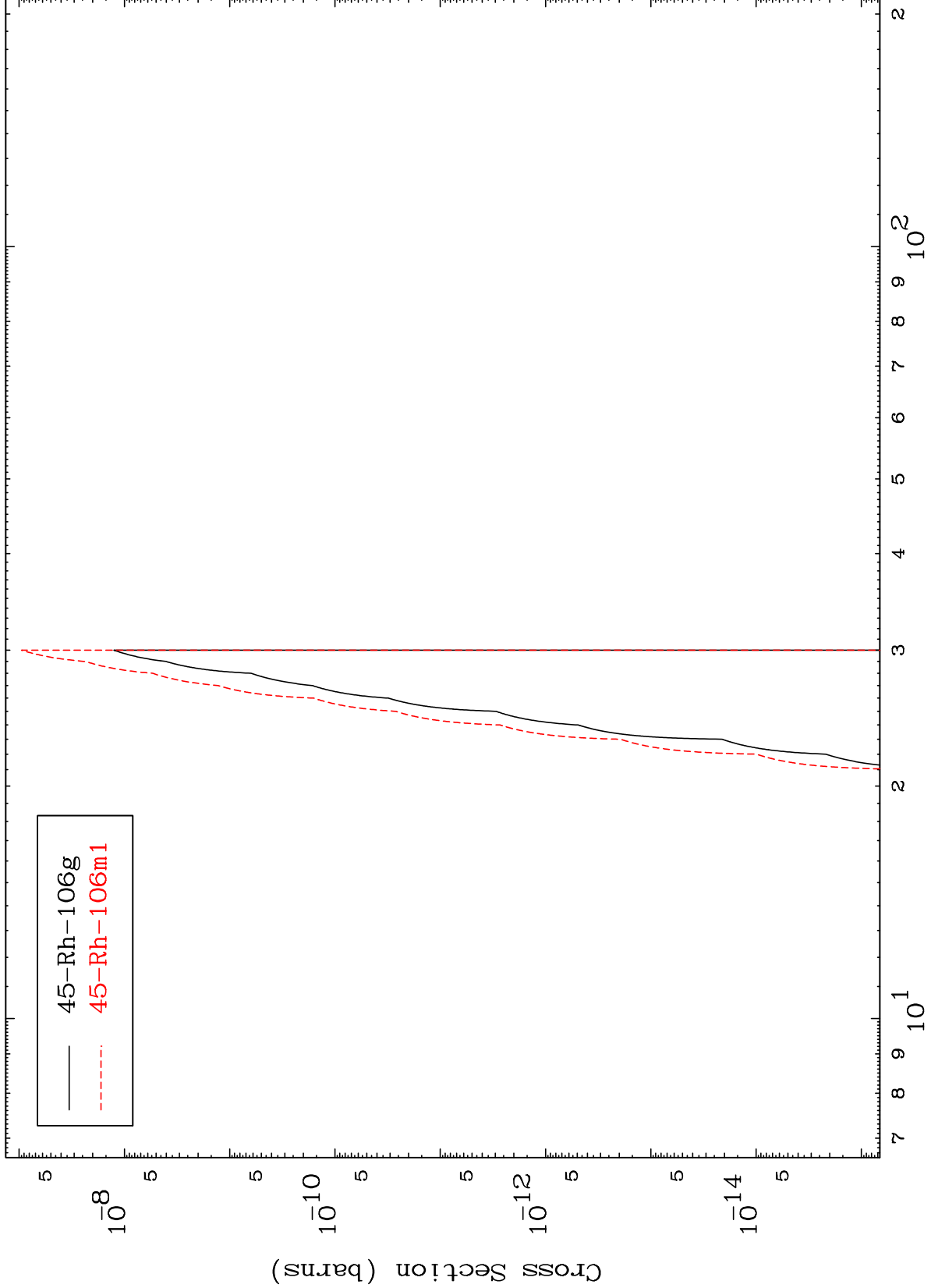


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(n,n') 2α

49-In-114

Radionuclide Production Cross Section

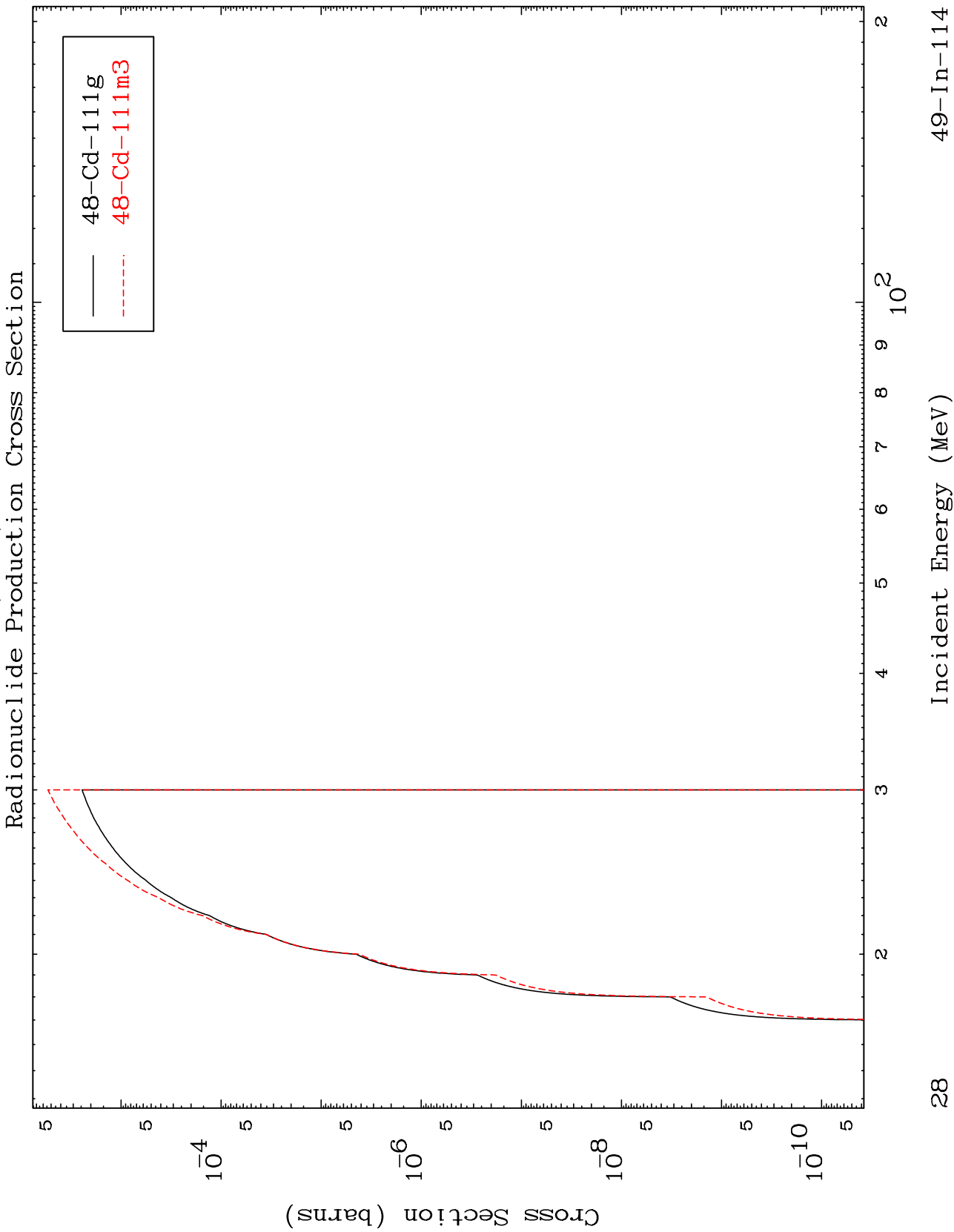


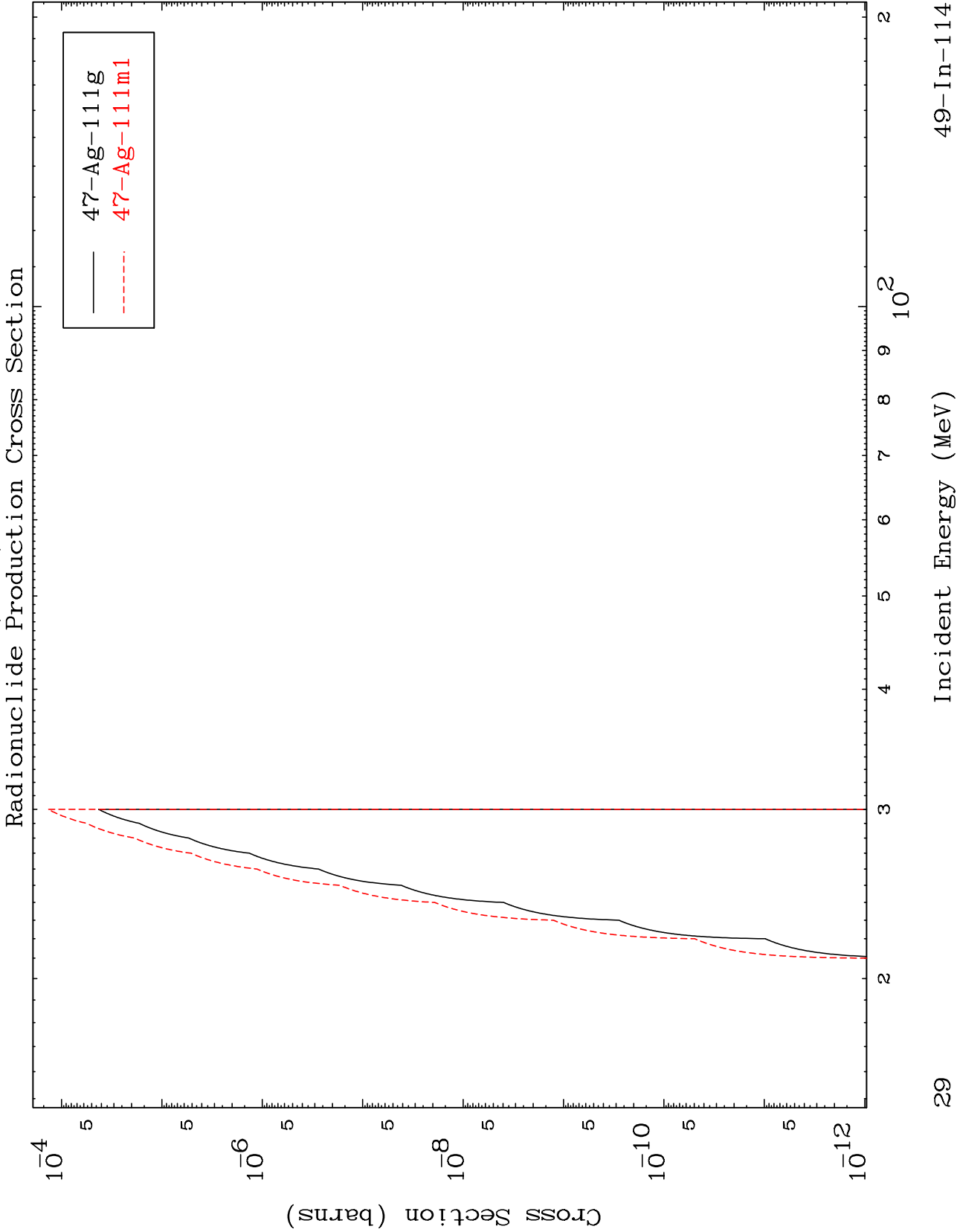
— 45-Rh-106g
- - - 45-Rh-106m1

27

Incident Energy (MeV)

49-In-114



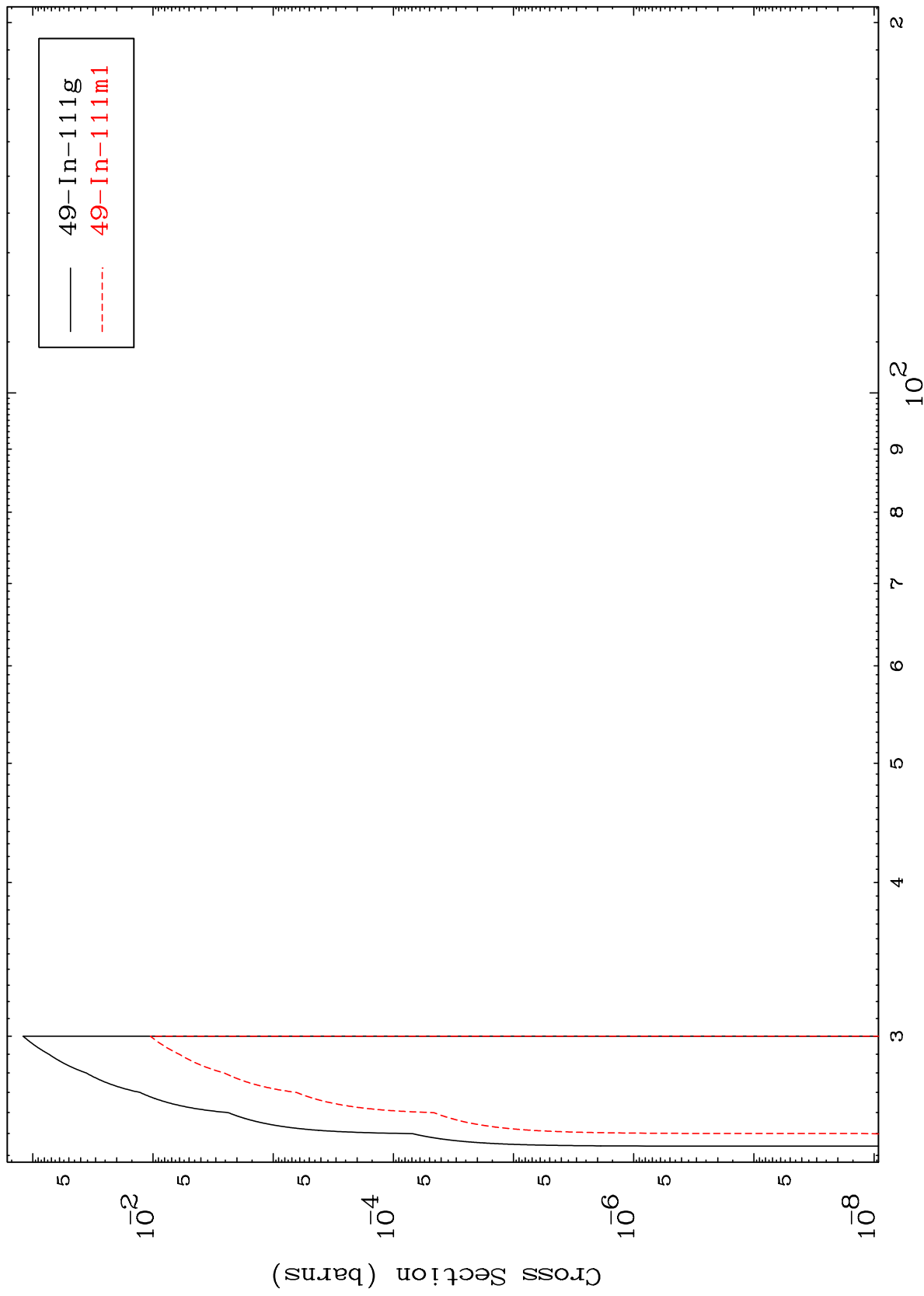


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49-In-114

(n,4n)

Radionuclide Production Cross Section

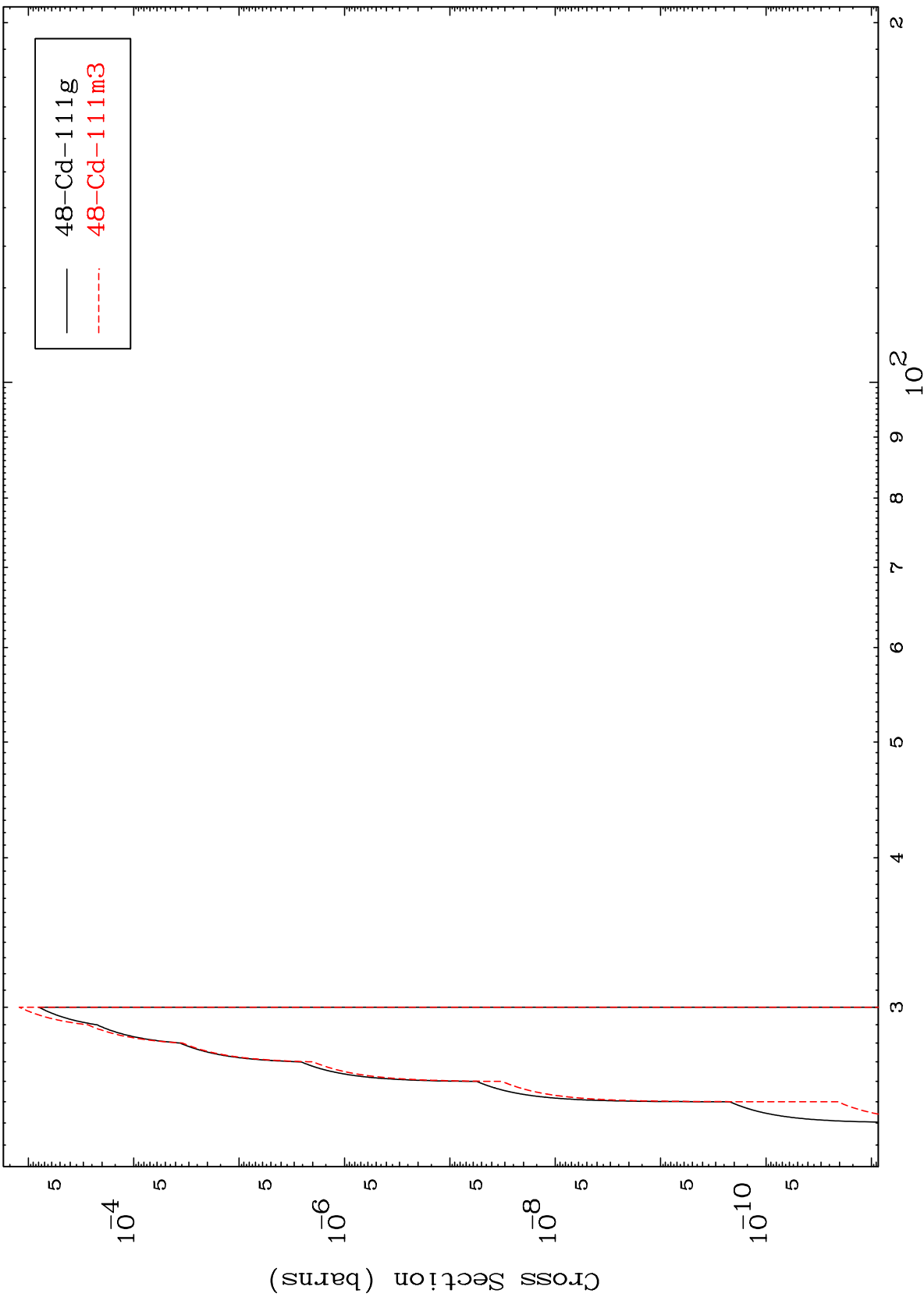


49-In-114

Incident Energy (MeV)

30

Radionuclide Production Cross Section



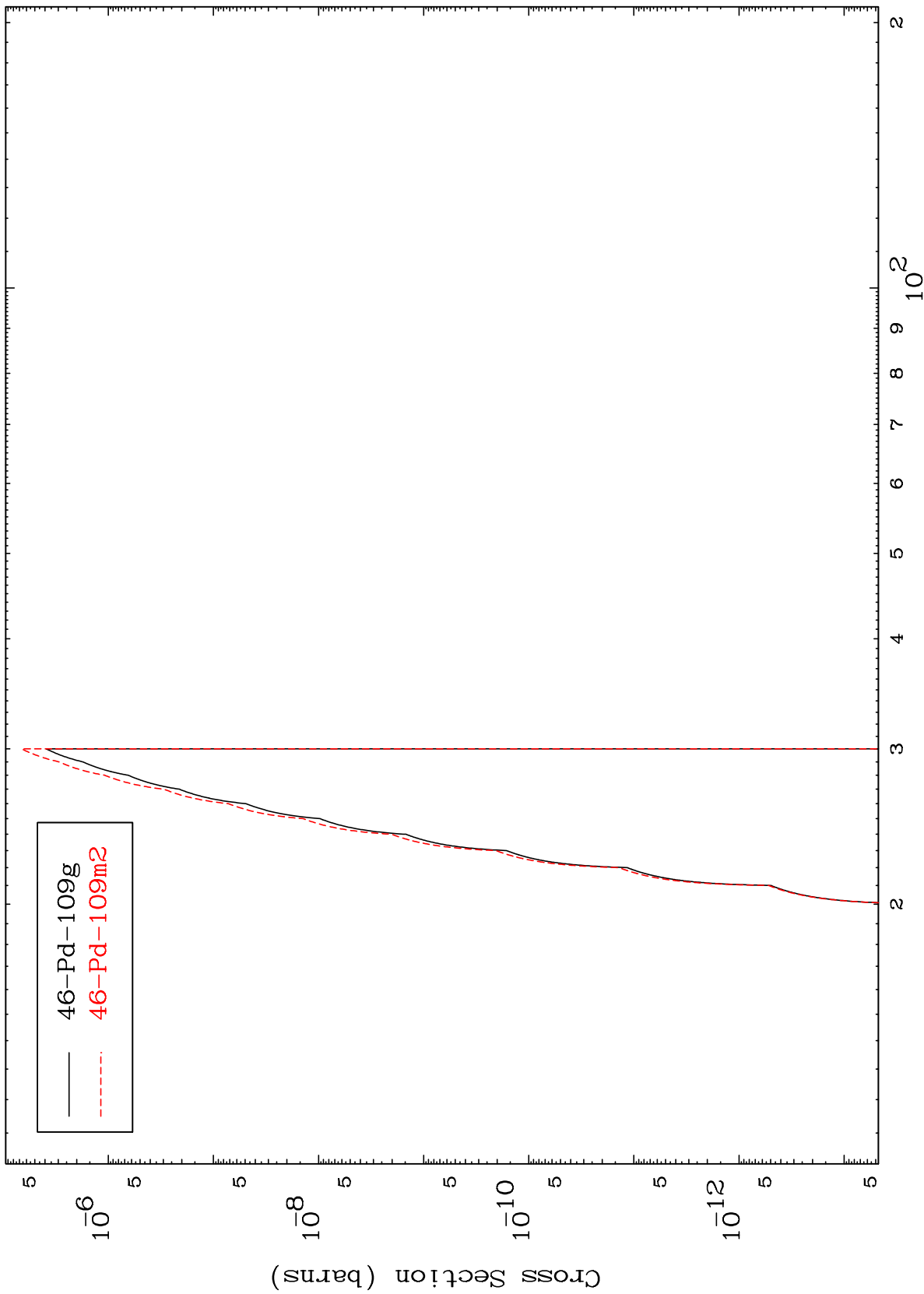
48-Cd-111g
48-Cd-111m3

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(n,n') p α

49-In-114

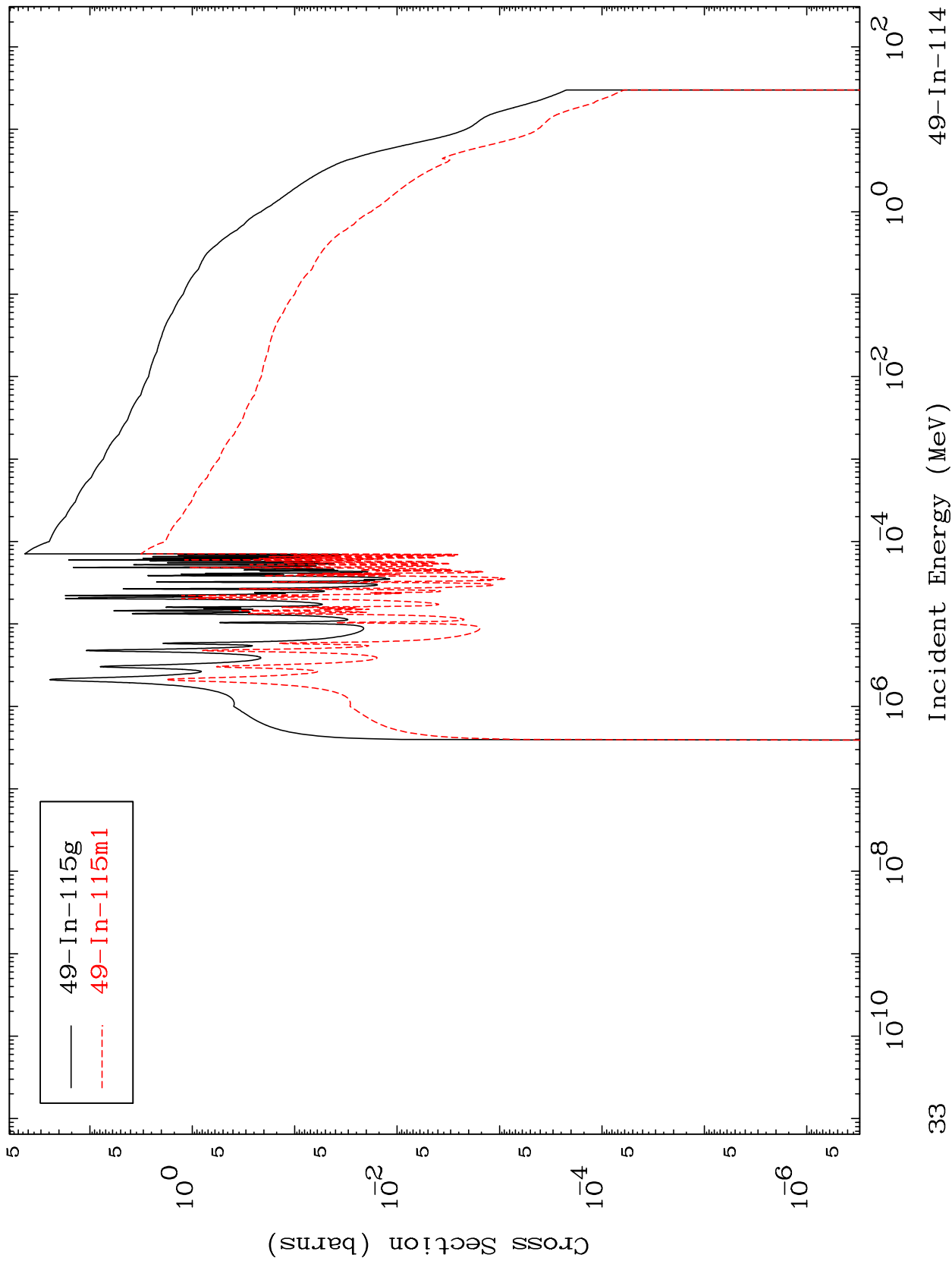
Radionuclide Production Cross Section



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49-In-114

(n, γ)
Radionuclide Production Cross Section



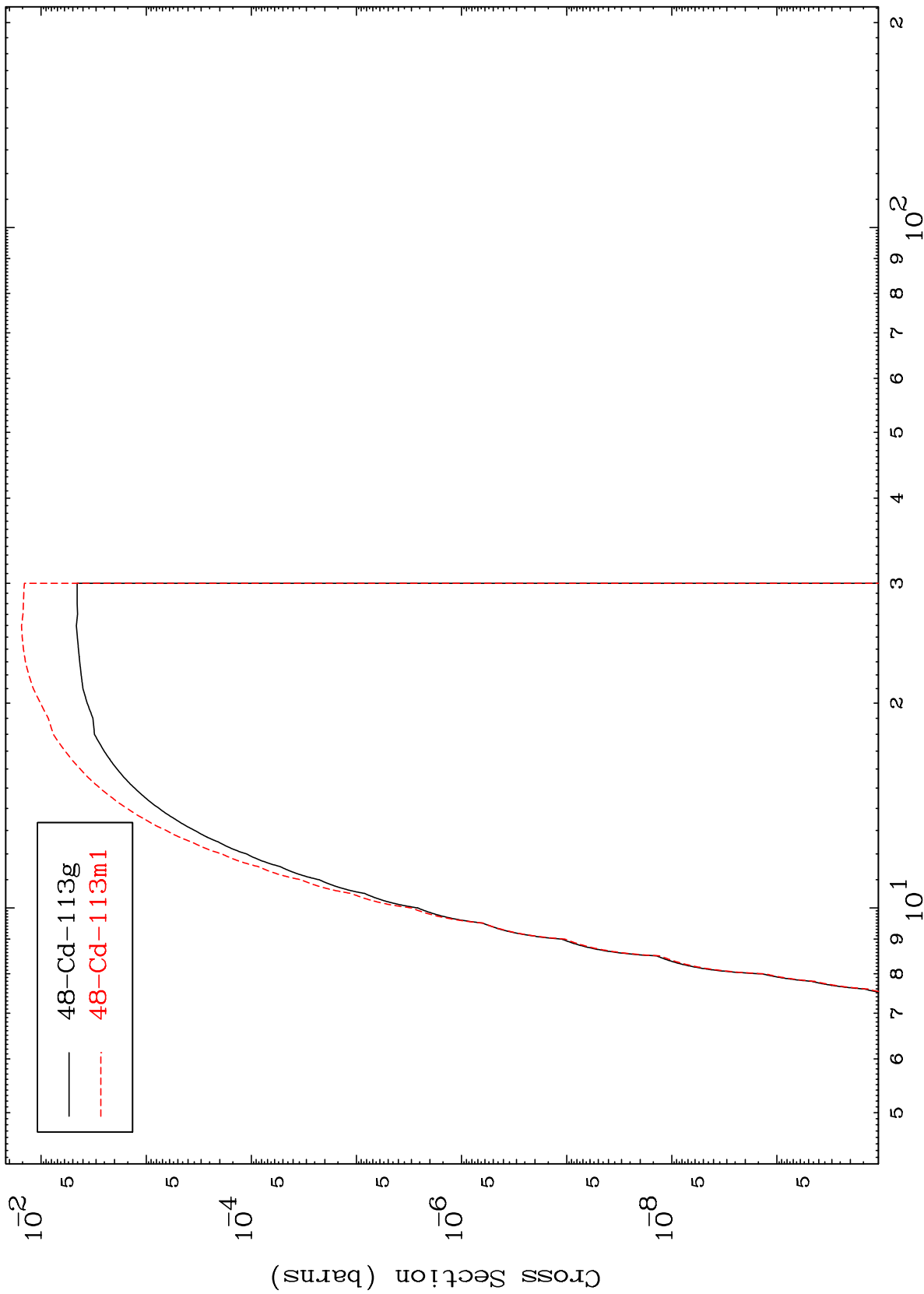
33

49-In-114

MAT 4929

49-In-114

(n,d)
Radionuclide Production Cross Section



— 48-Cd-113g
- - - 48-Cd-113m1

49-In-114

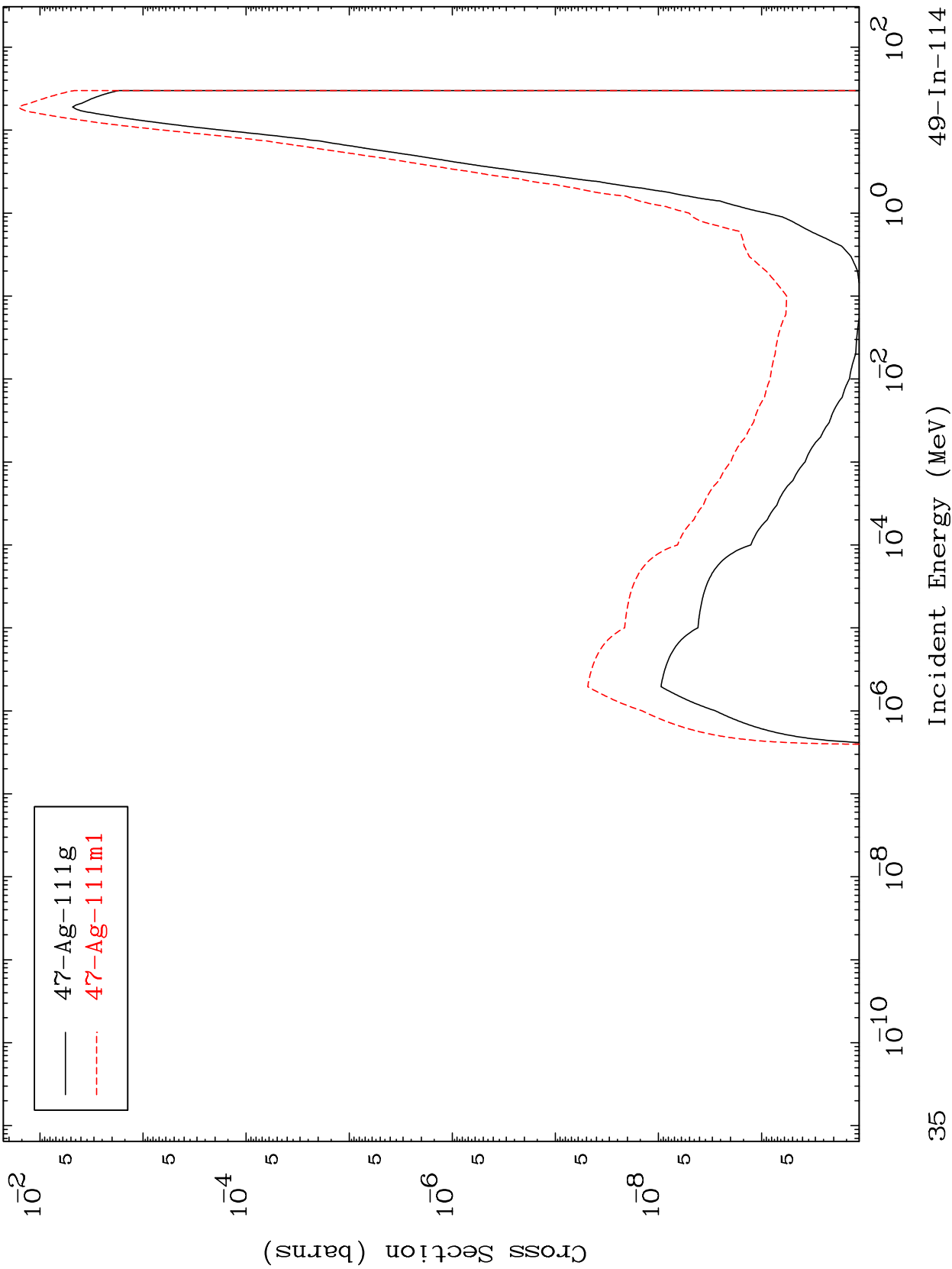
Incident Energy (MeV)

34

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49-In-114

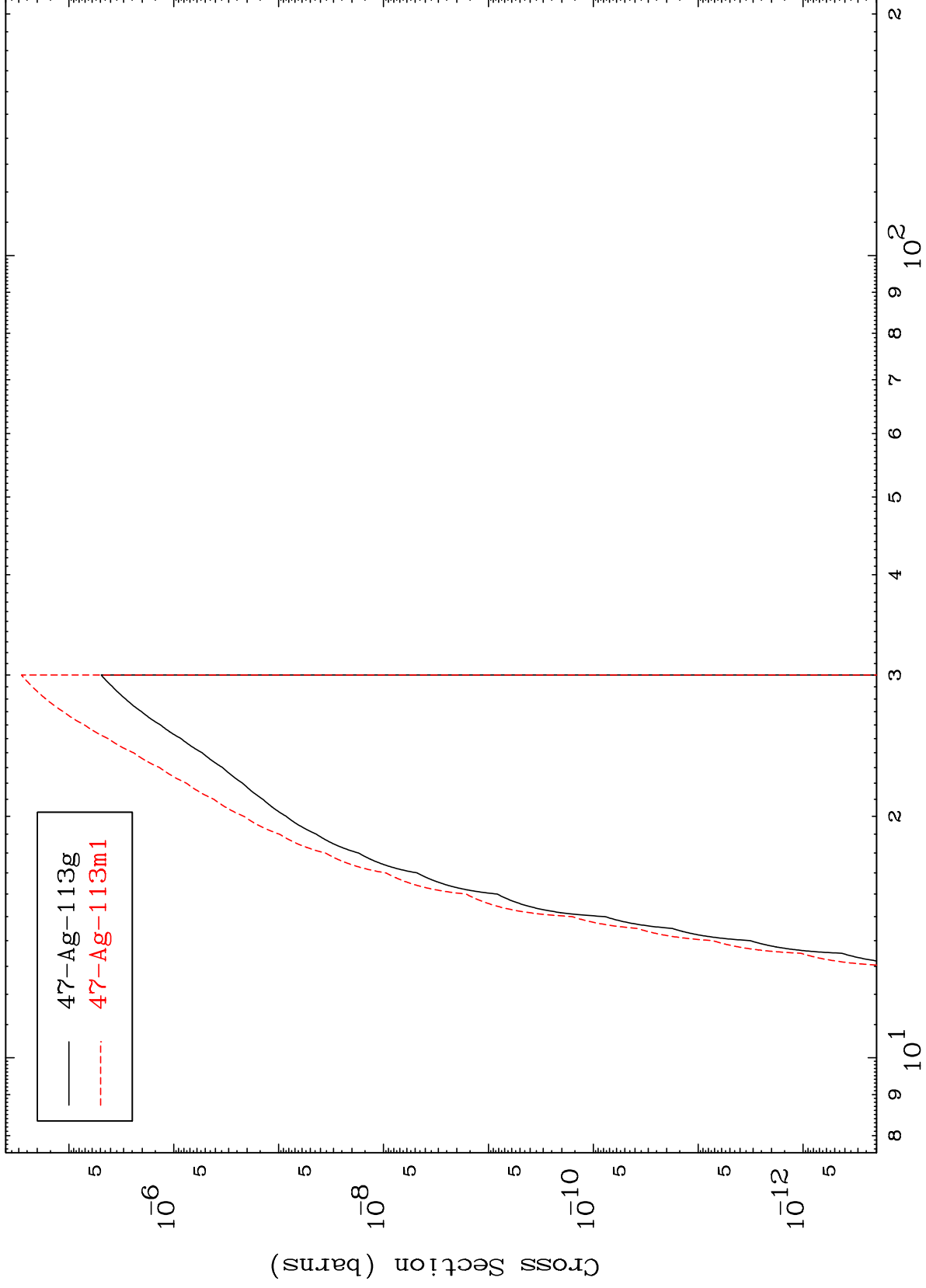
(n, α)
Radionuclide Production Cross Section



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49-In-114

(n,2p)
Radionuclide Production Cross Section



36

Incident Energy (MeV)

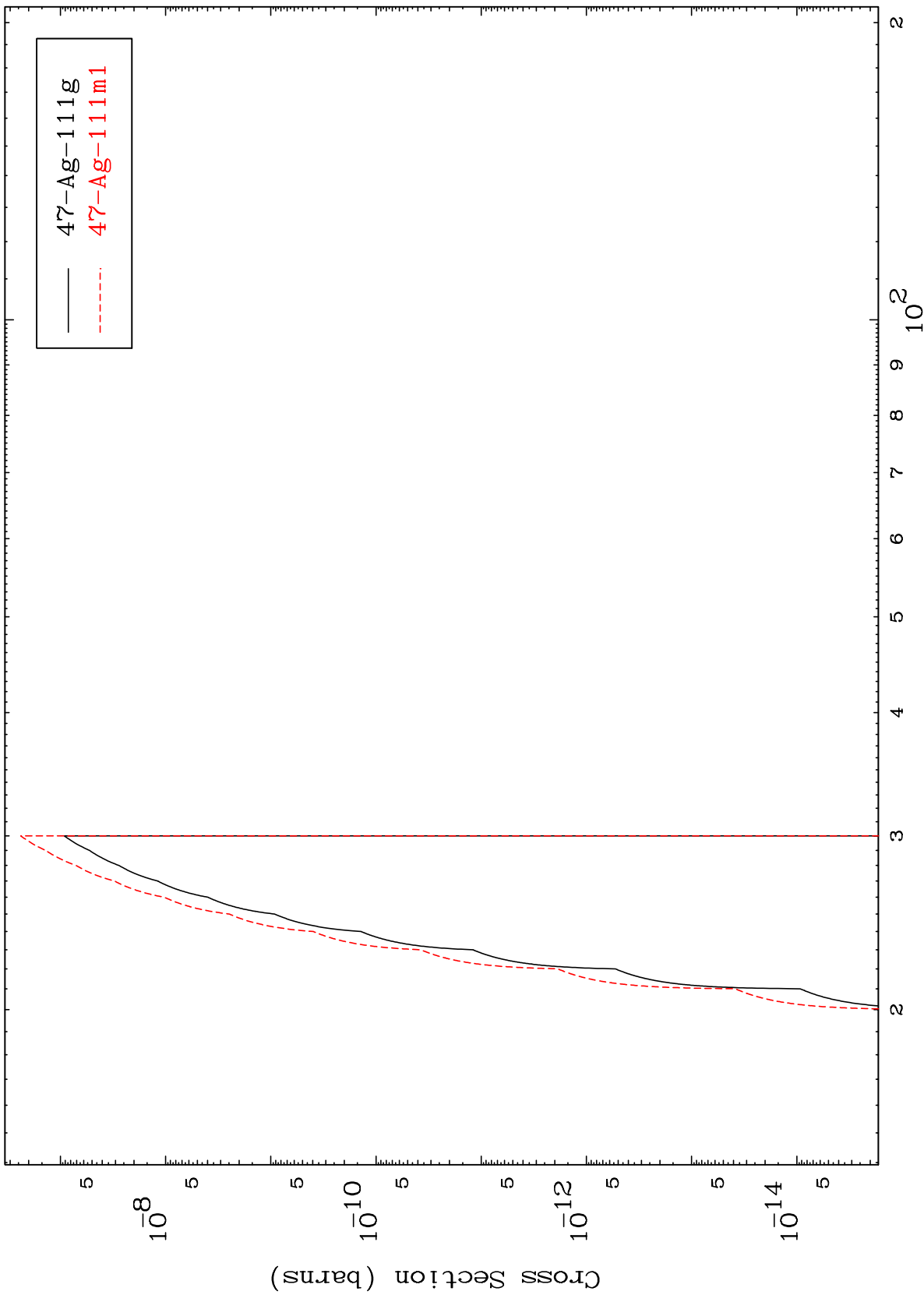
49-In-114

MAT 4929

(n,p) t

49-In-114

Radionuclide Production Cross Section



37

Incident Energy (MeV)

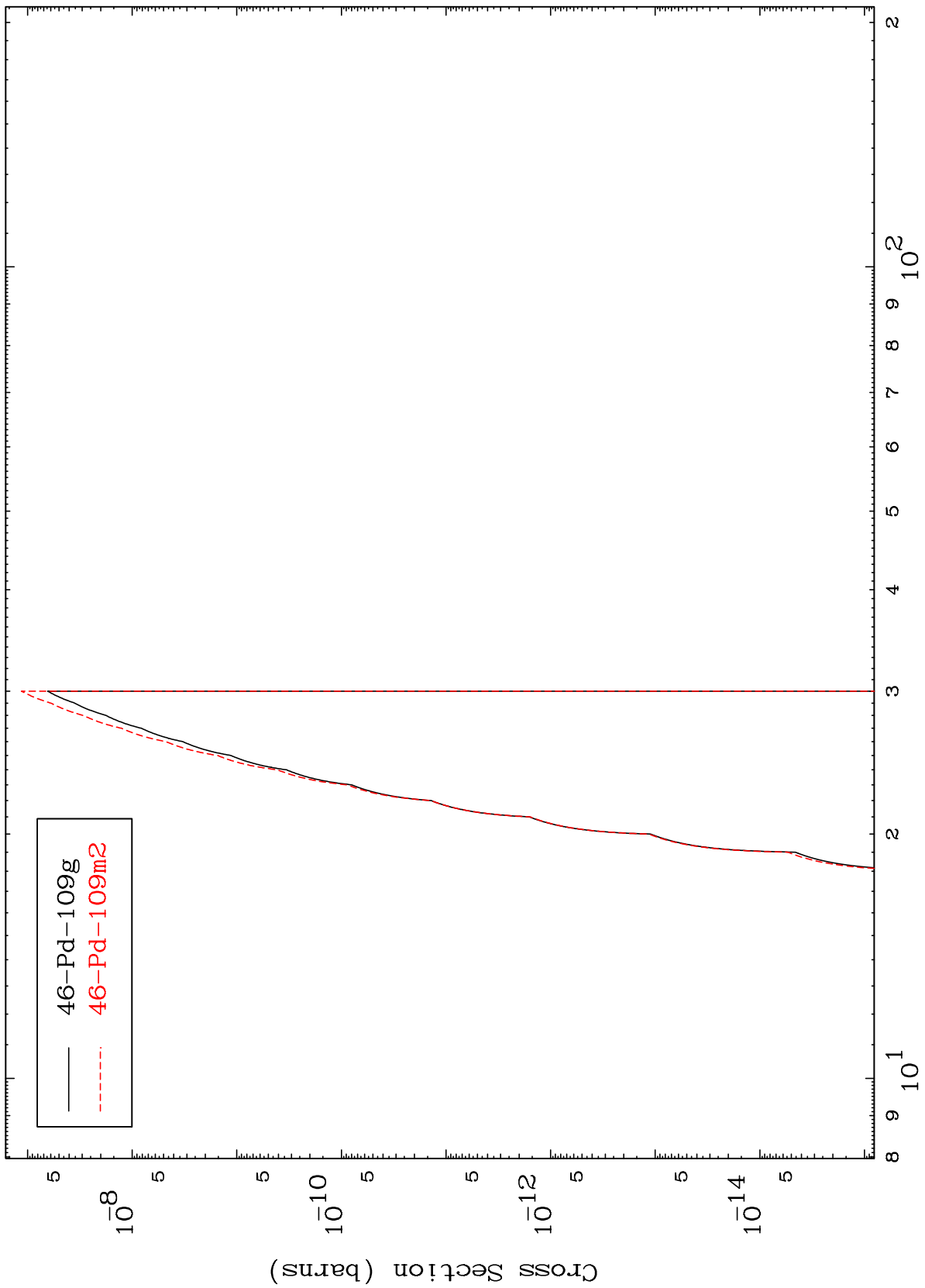
49-In-114

MAT 4929

(n,d) α

49-In-114

Radionuclide Production Cross Section



38

Incident Energy (MeV)

49-In-114