

Program EVALPLOT  
(Version 2018-1)

by

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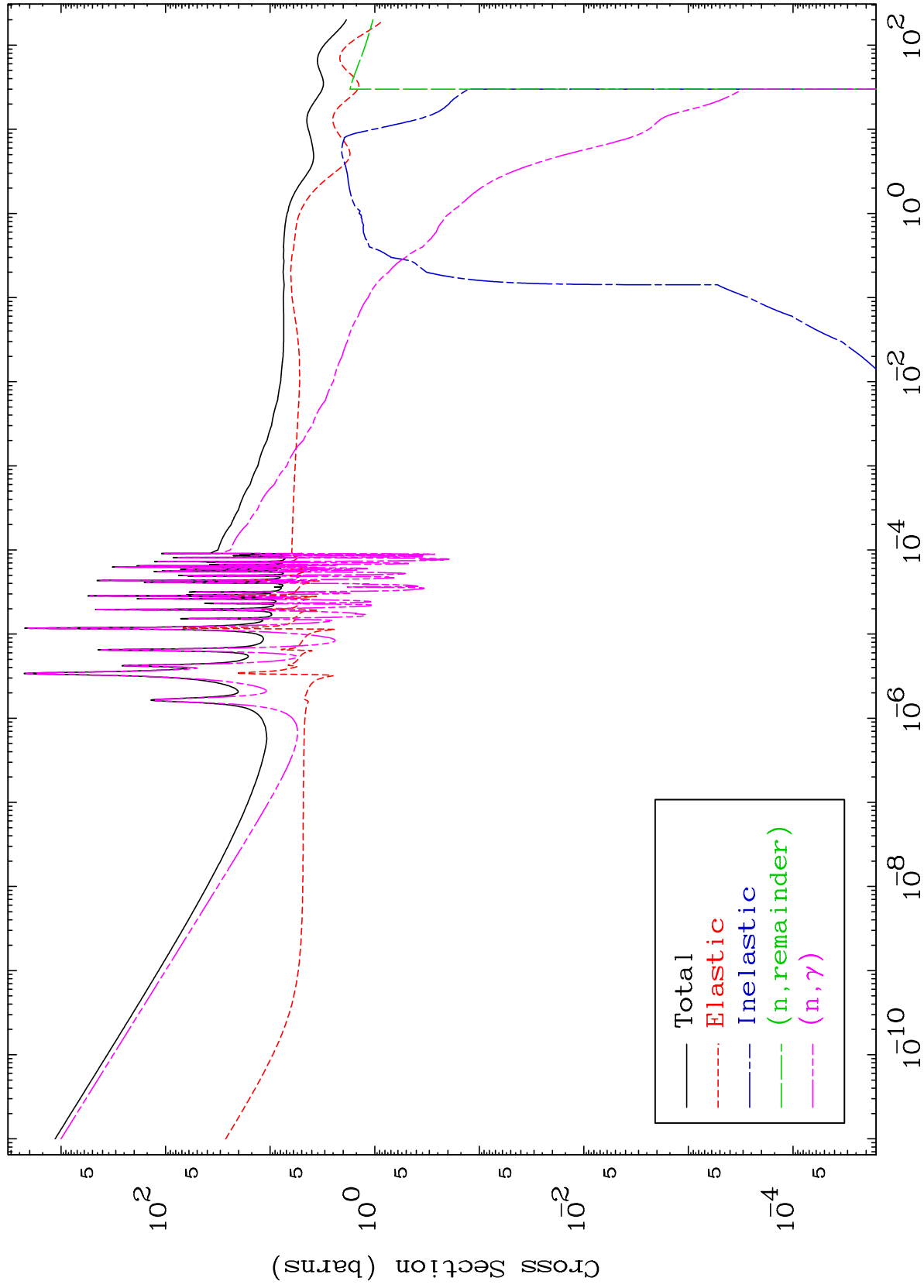
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4917

Major  
293 Kelvin Cross Sections

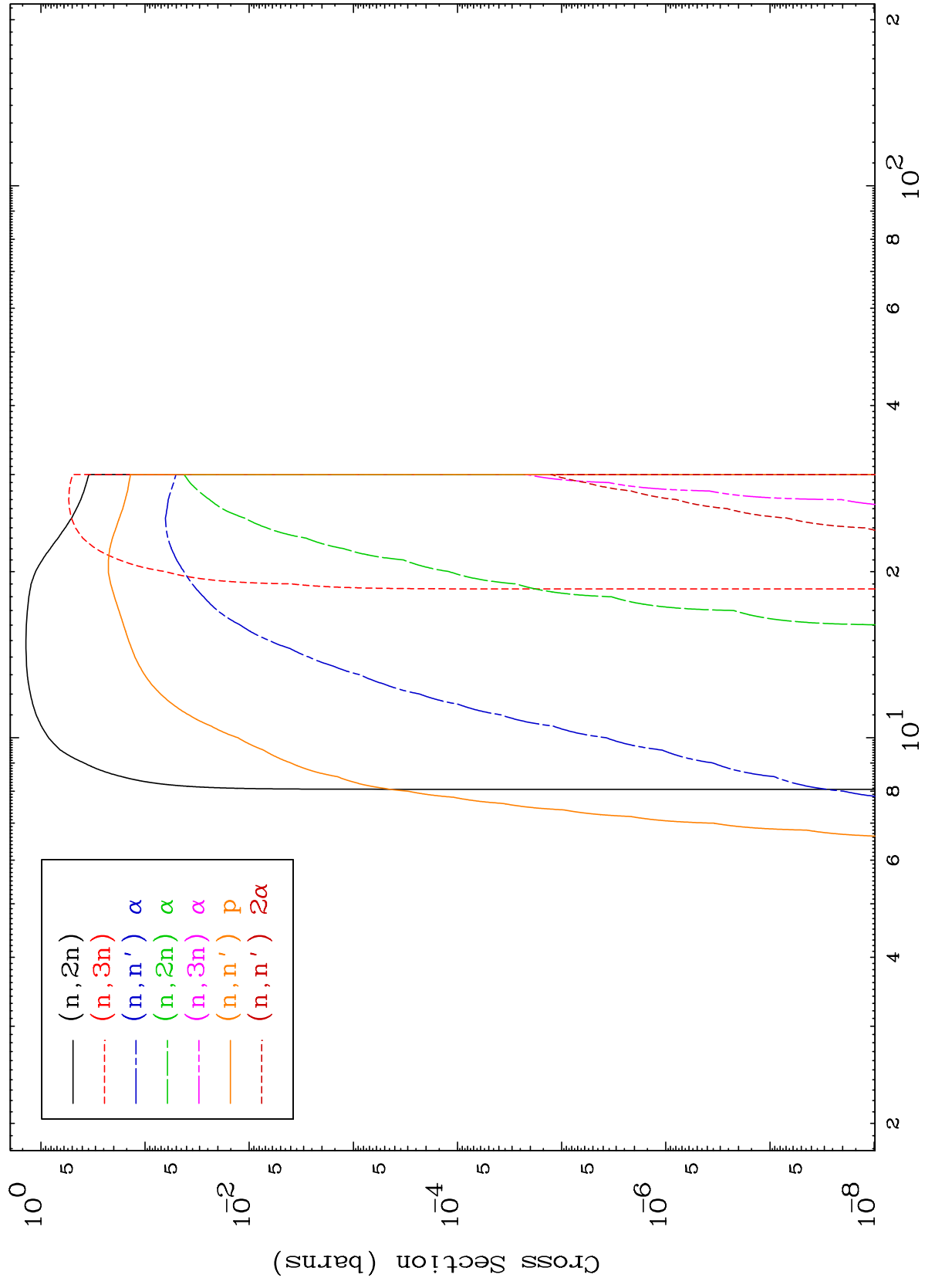
49-In-110



MAT 4917

### Neutron Production 293 Kelvin Cross Sections

49-In-110



2

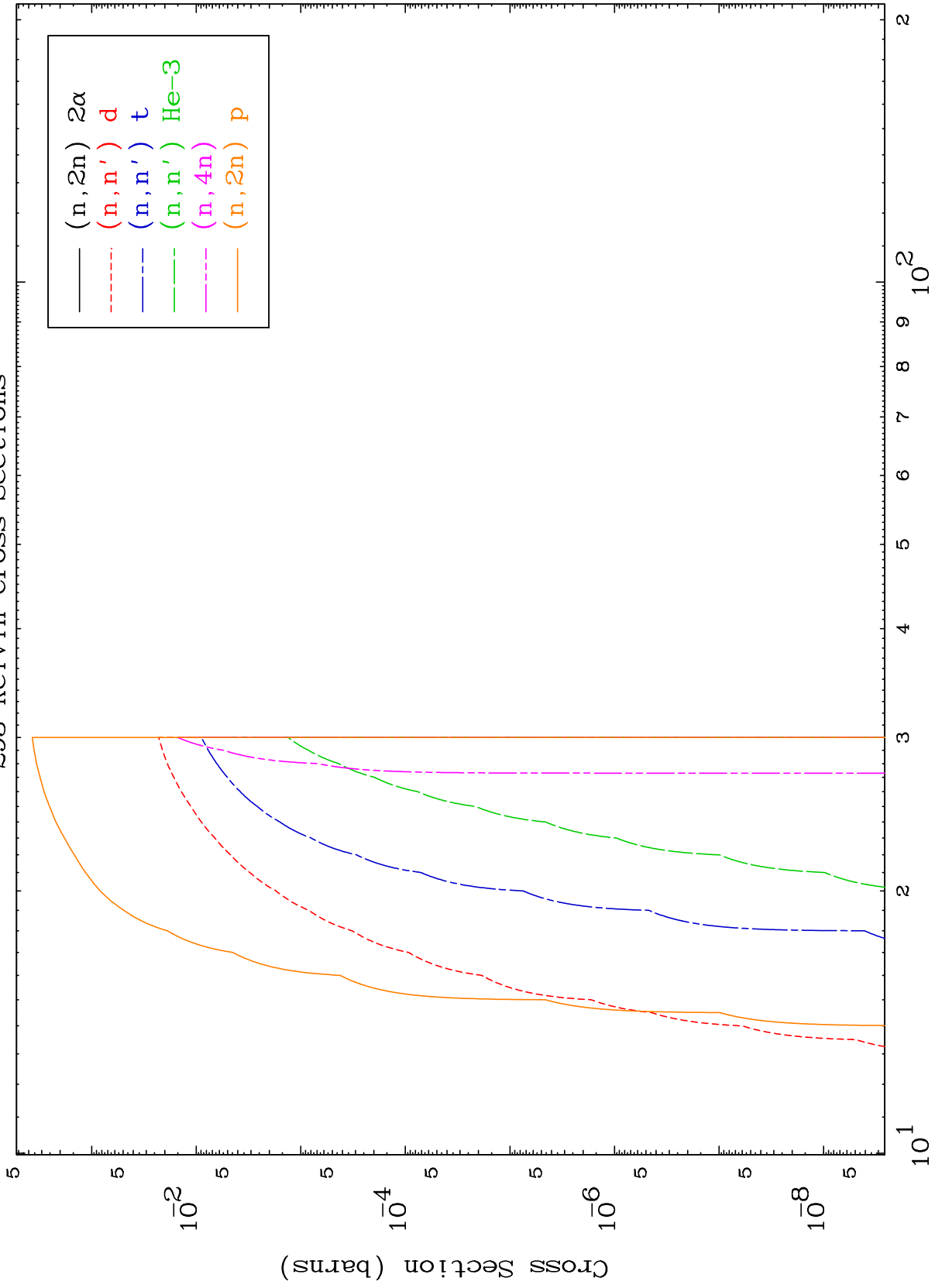
Incident Energy (MeV)

49-In-110

MAT 4917

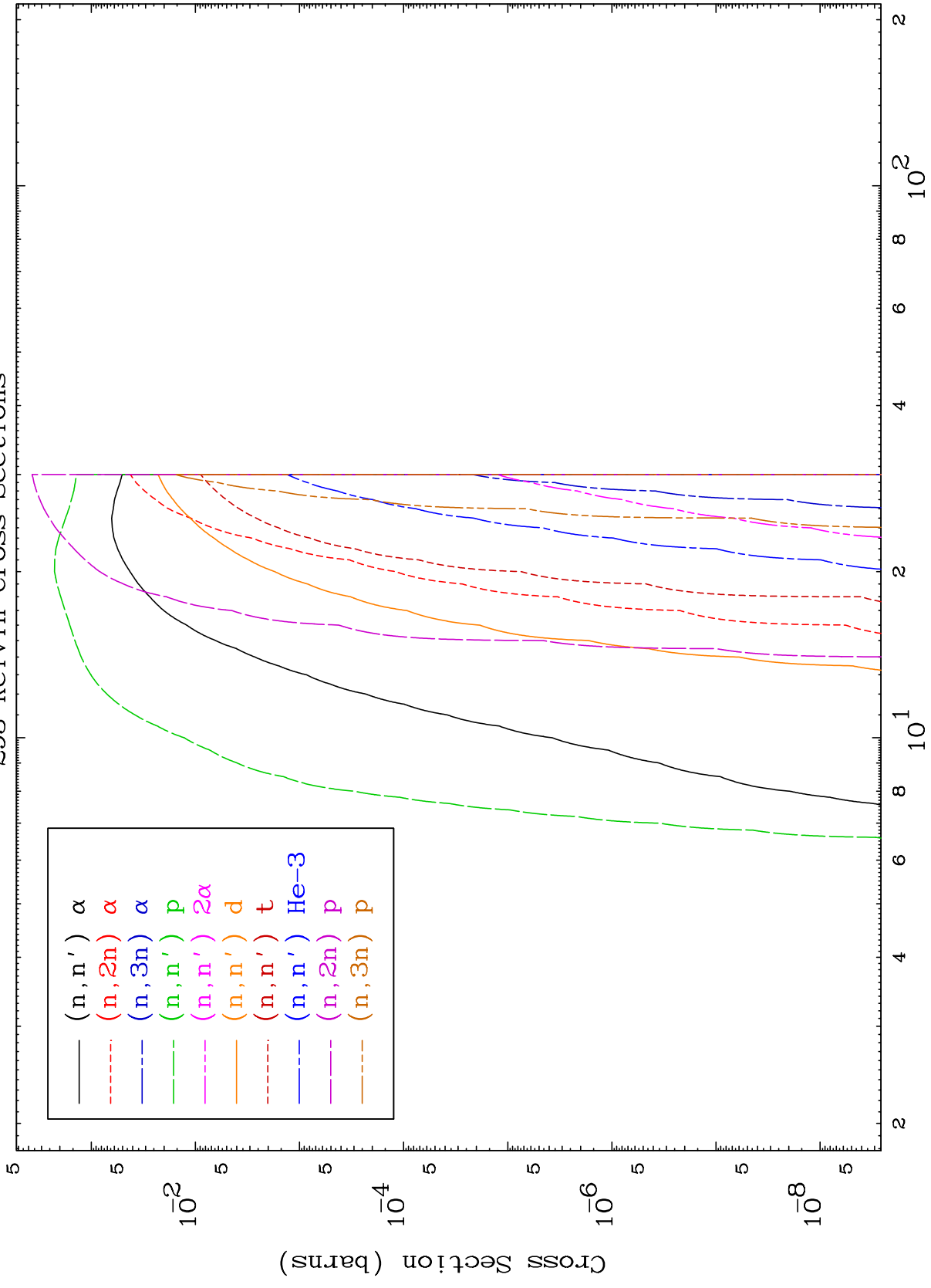
Neutron Production  
293 Kelvin Cross Sections

49-In-110



Incident Energy (MeV)

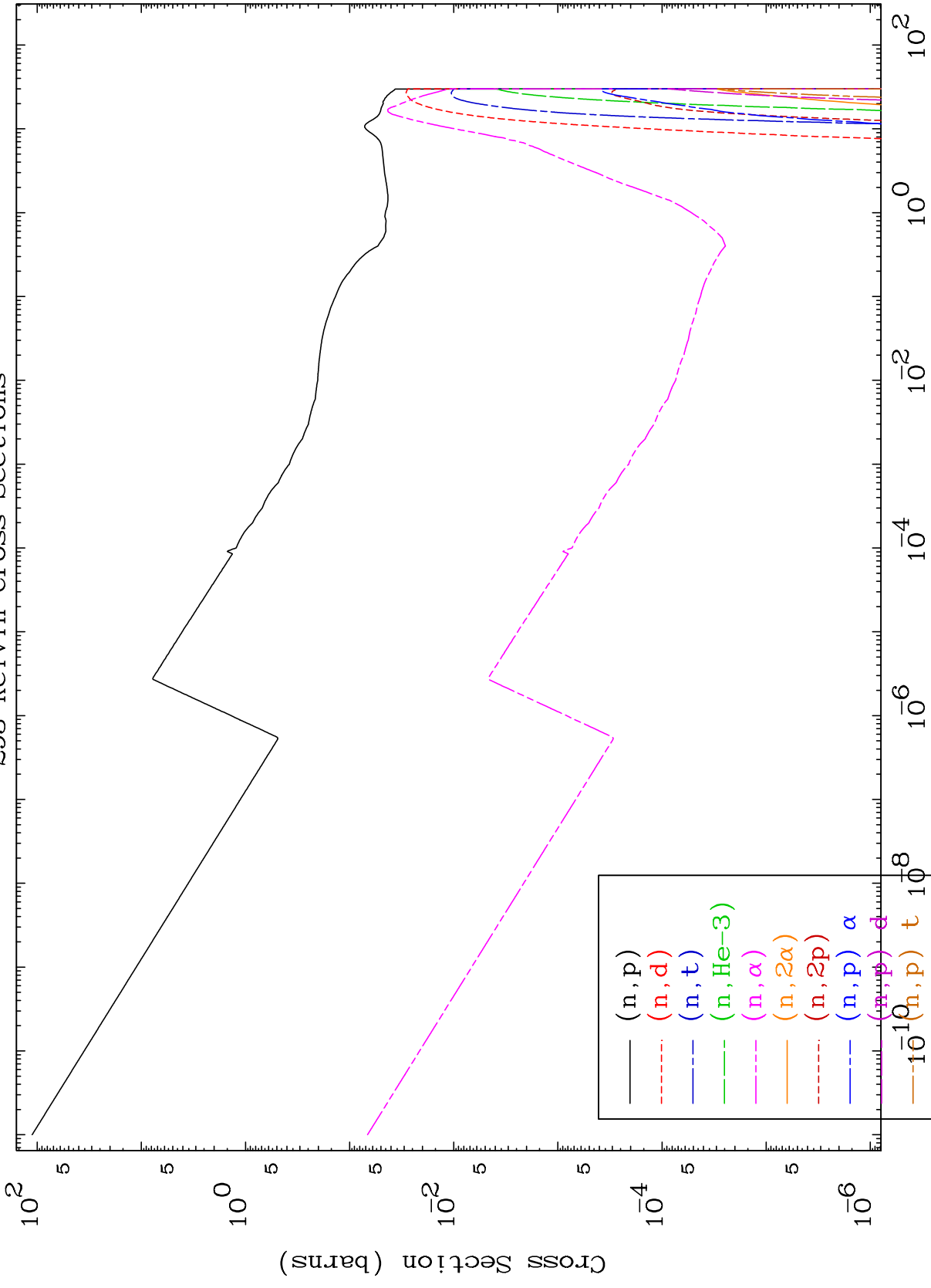
49-In-110



MAT 4917

Charged Particle  
293 Kelvin Cross Sections

49-In-110



49-In-110

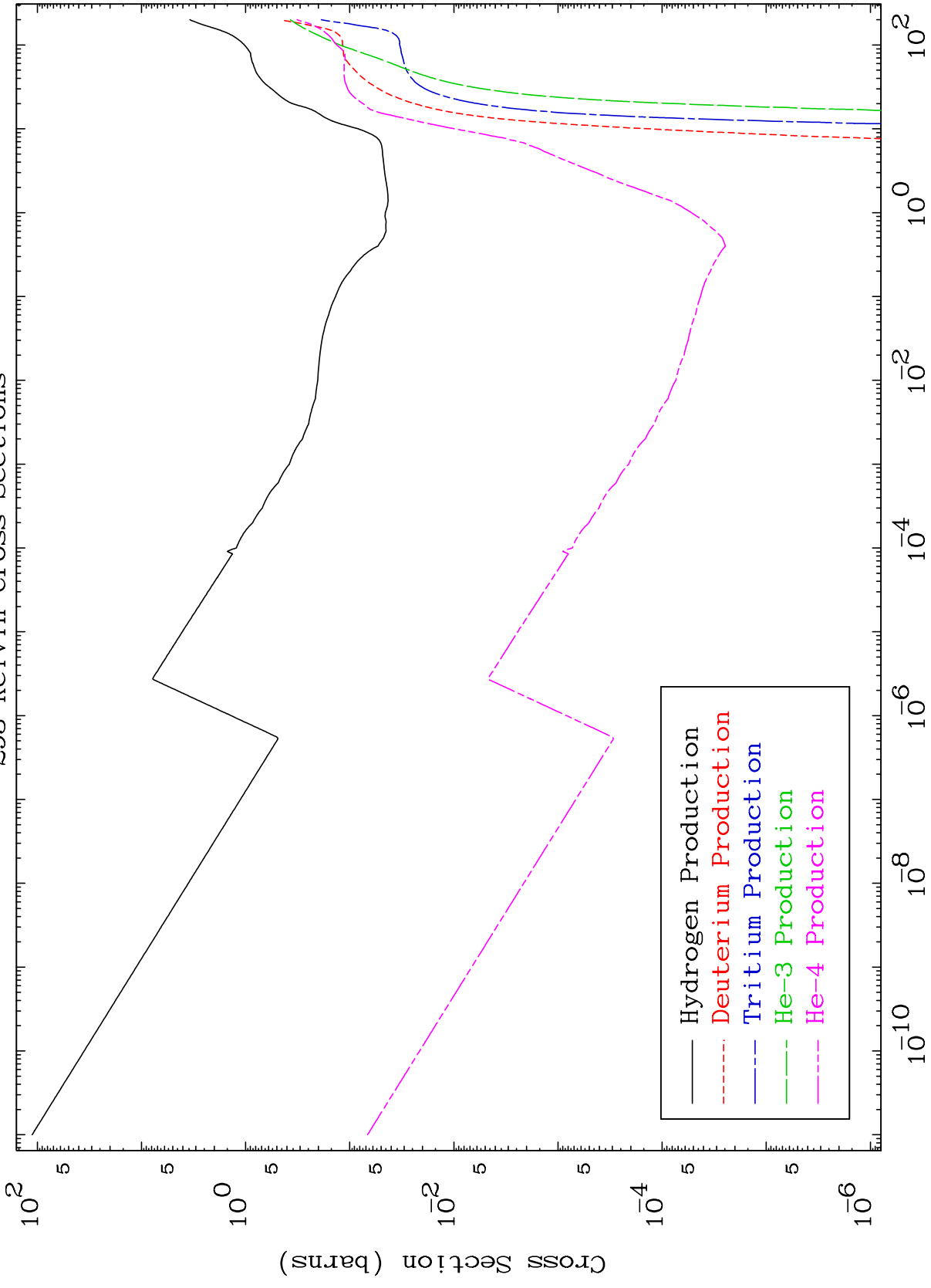
Incident Energy (MeV)

5

MAT 4917

Particle Production  
293 Kelvin Cross Sections

49-In-110

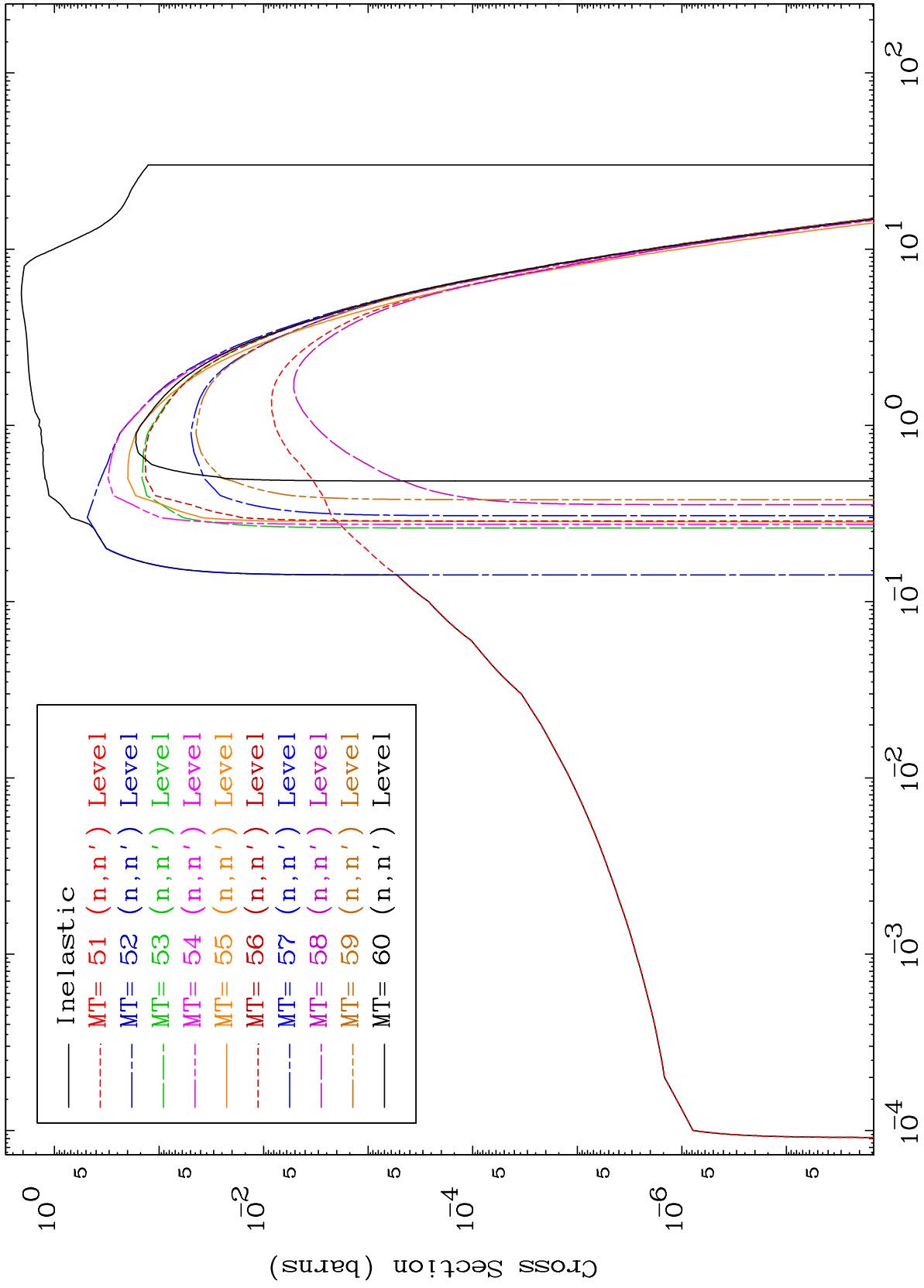


MAT 4917

293 Kelvin Cross Sections

(n,n') Level

49-In-110



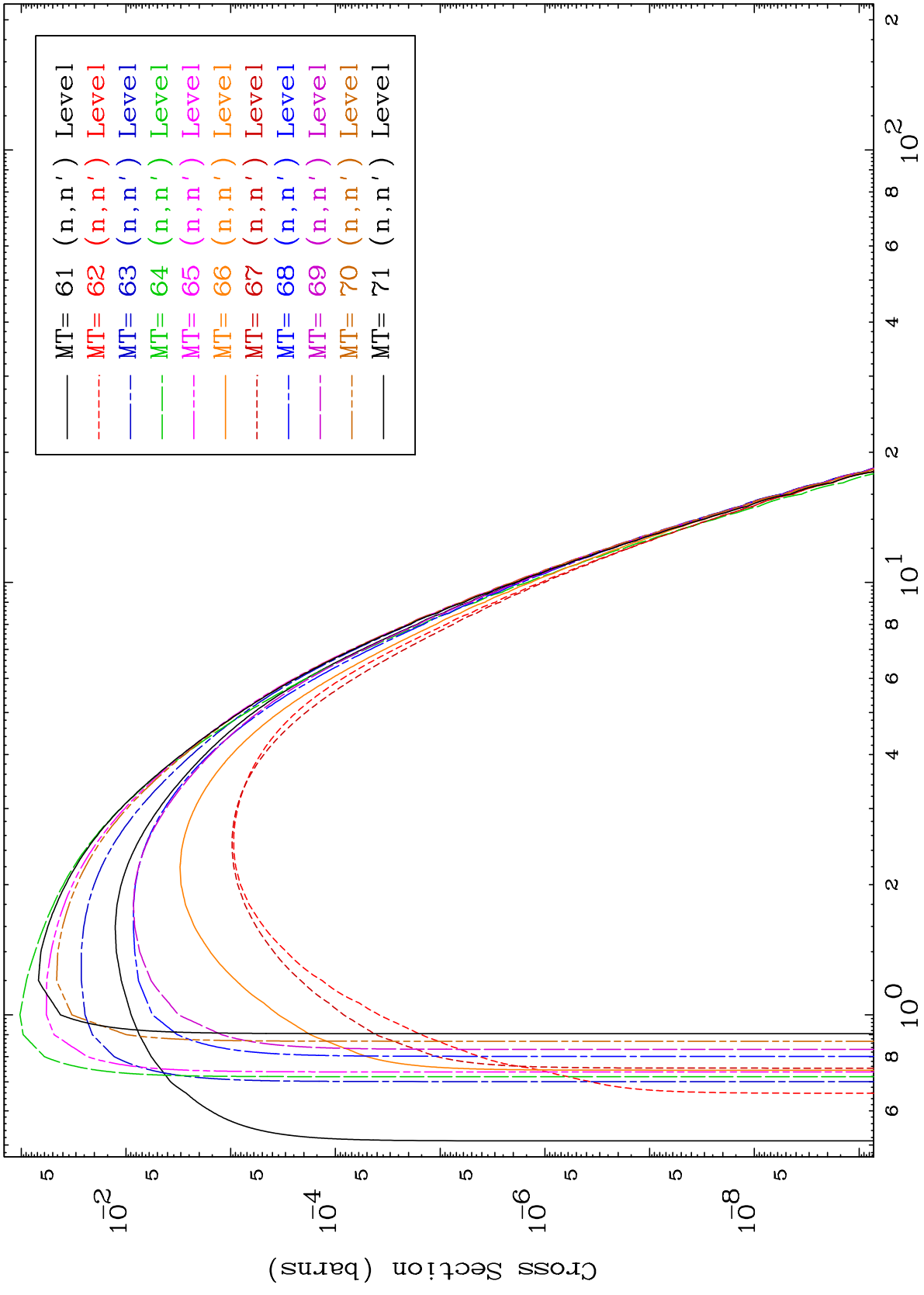


MAT 4917

(n,n') Level

49-In-110

293 Kelvin Cross Sections



8

Incident Energy (MeV)

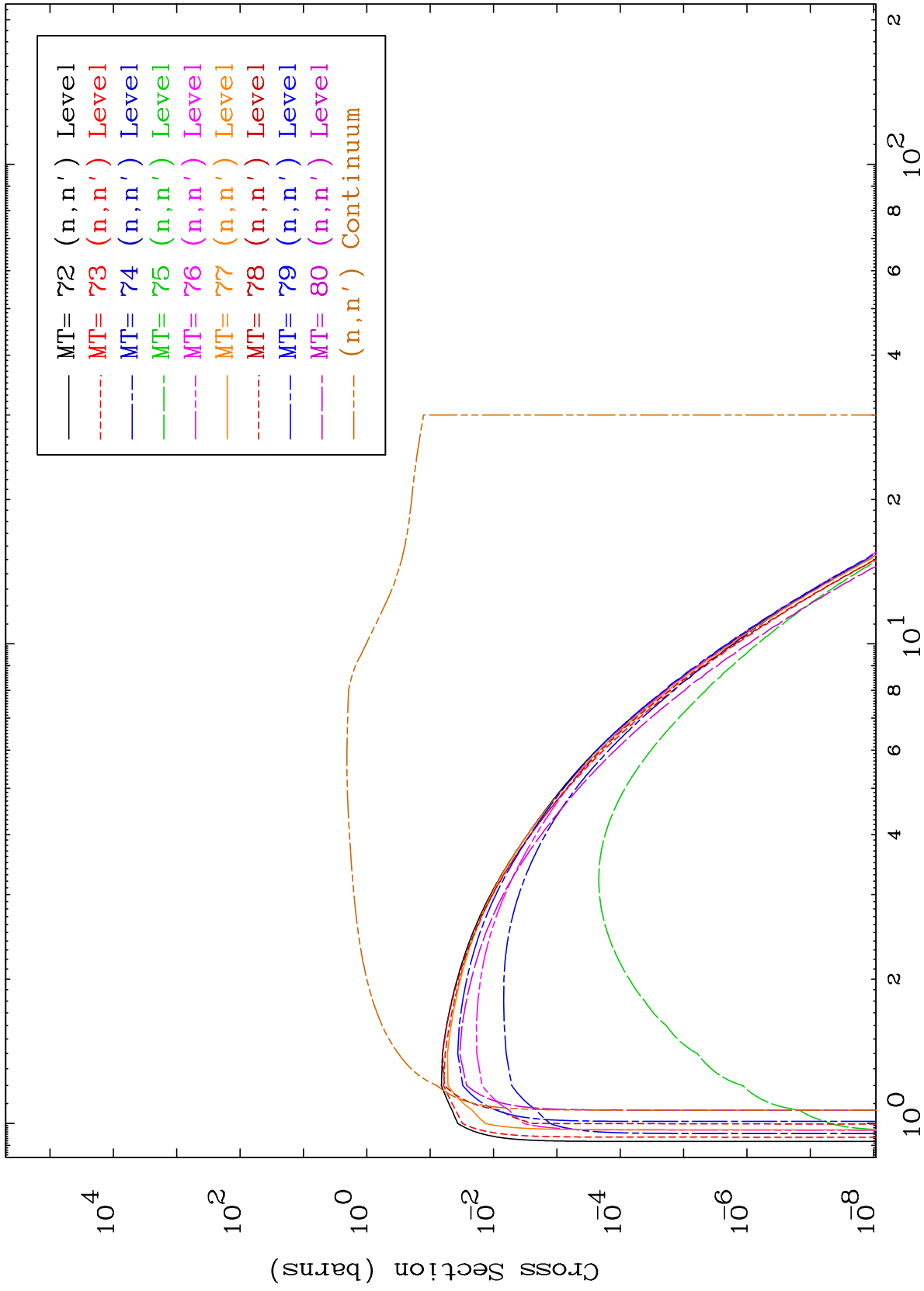
49-In-110

MAT 4917

(n,n') Level

49-In-110

293 Kelvin Cross Sections



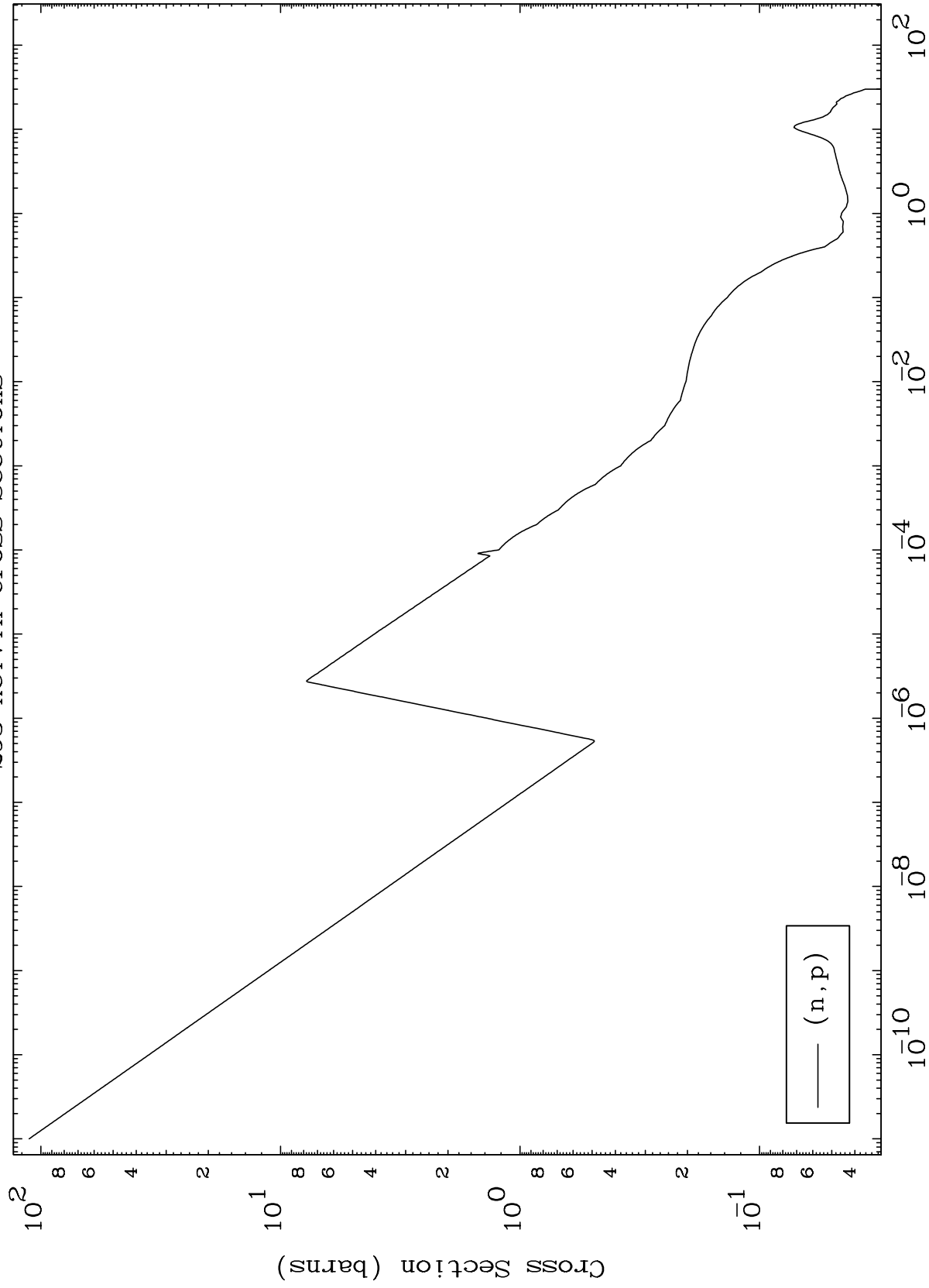
Incident Energy (MeV)

49-In-110

MAT 4917

(n,p) Levels  
293 Kelvin Cross Sections

49-In-110



10

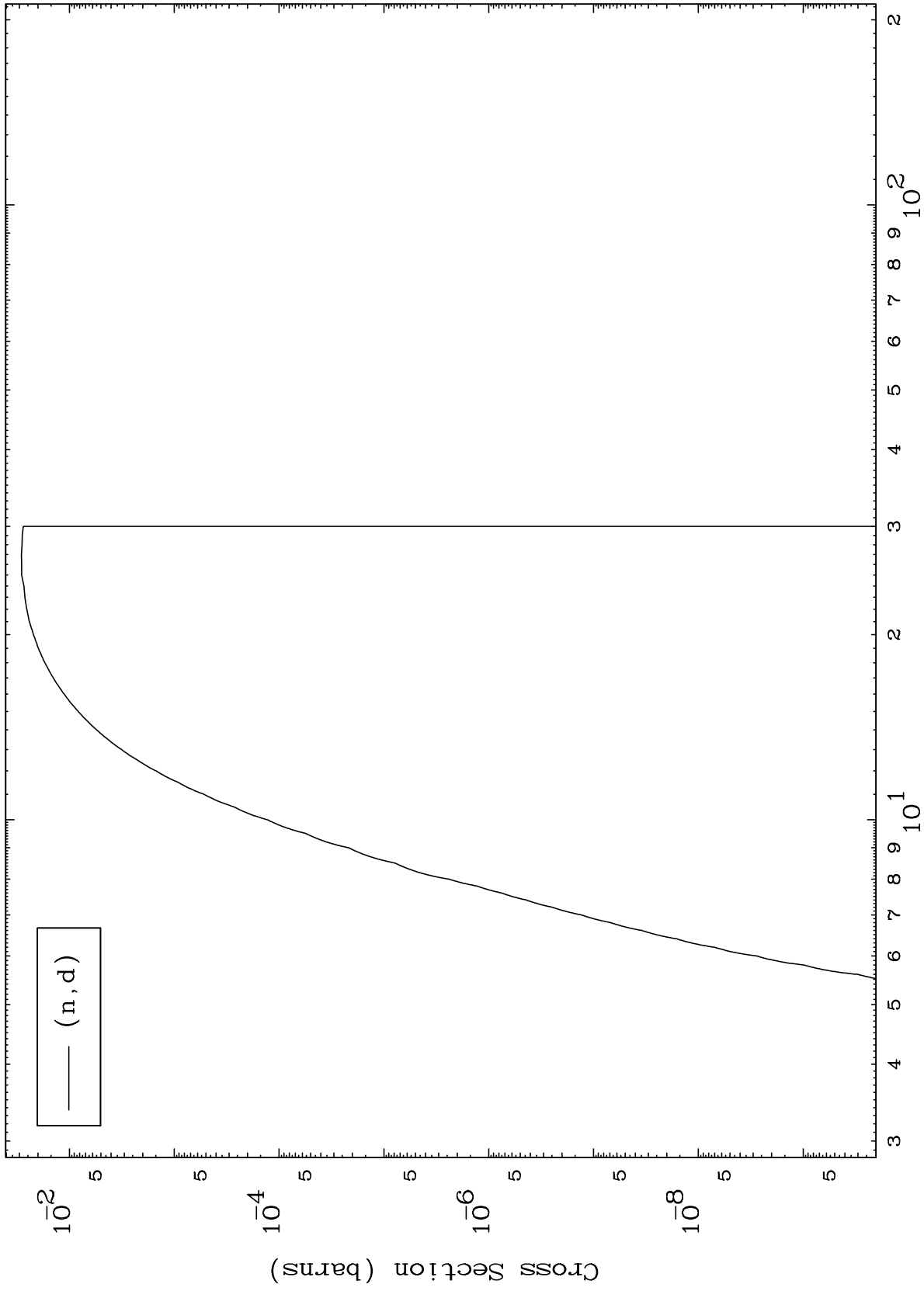
Incident Energy (MeV)

49-In-110

MAT 4917

(n,d) Levels  
293 Kelvin Cross Sections

49-In-110



11

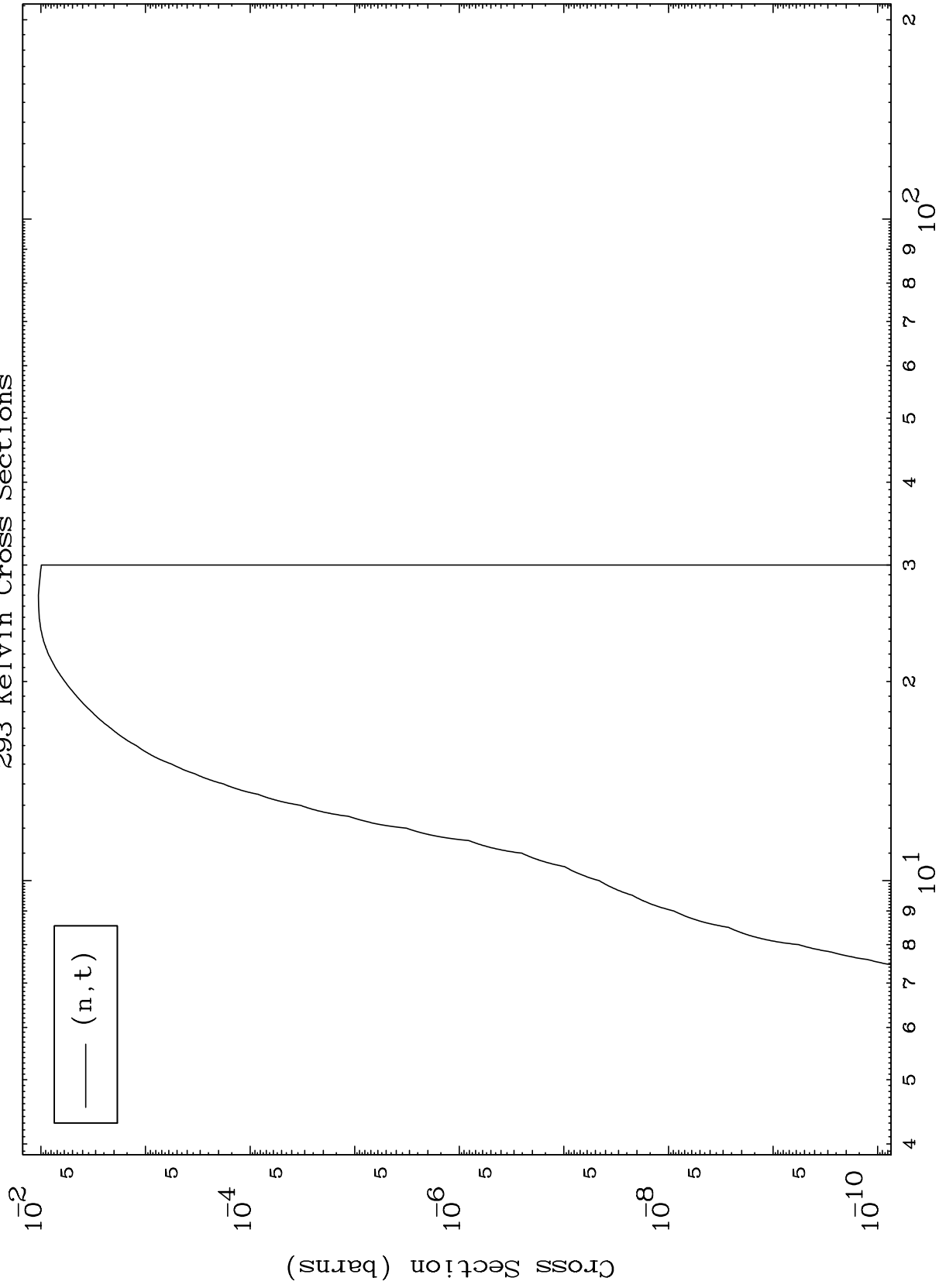
Incident Energy (MeV)

49-In-110

MAT 4917

(n,t) Levels  
293 Kelvin Cross Sections

49-In-110



12

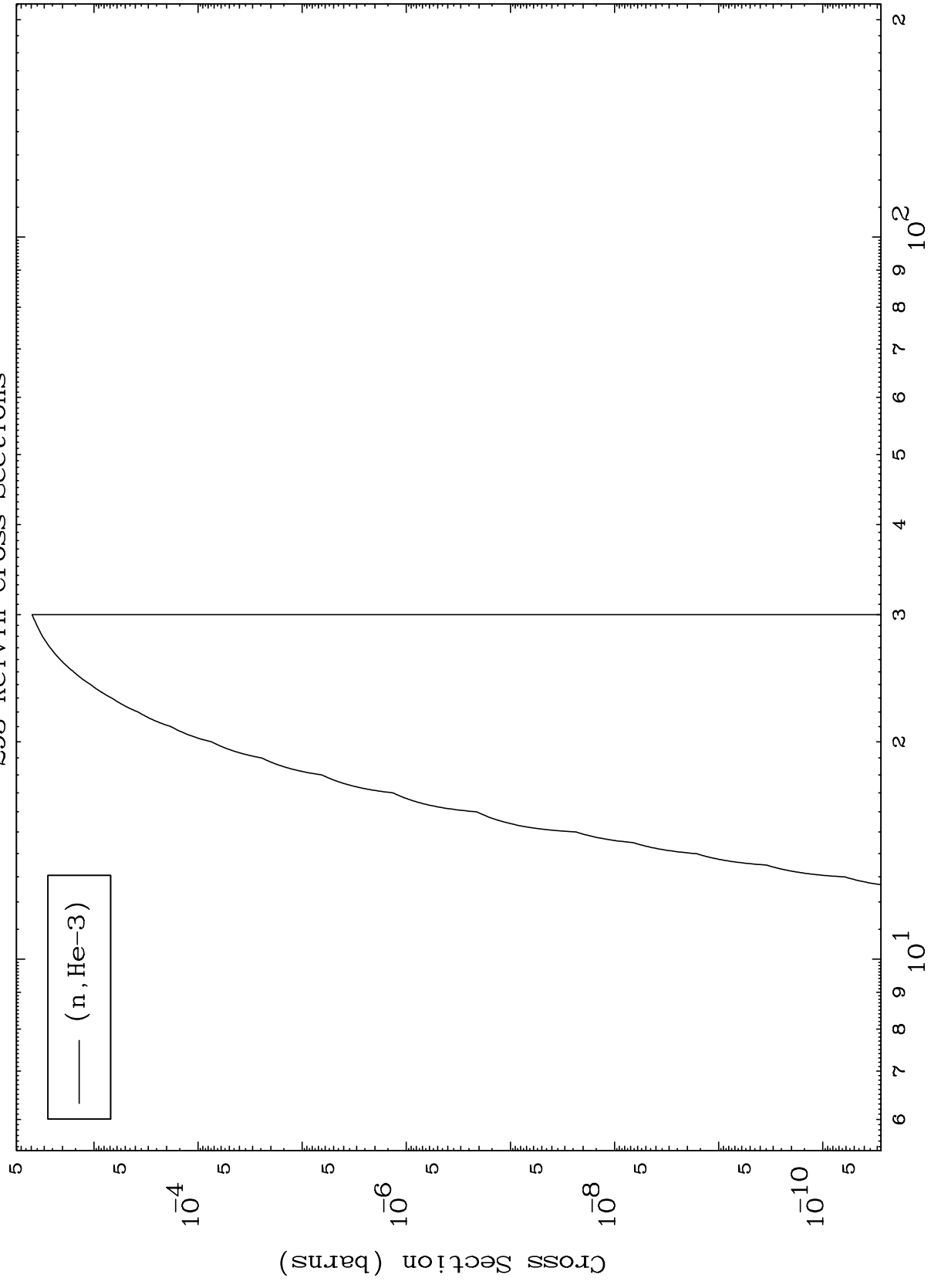
Incident Energy (MeV)

49-In-110

MAT 4917

(n,He3) Levels  
293 Kelvin Cross Sections

49-In-110



(n, He-3)

13

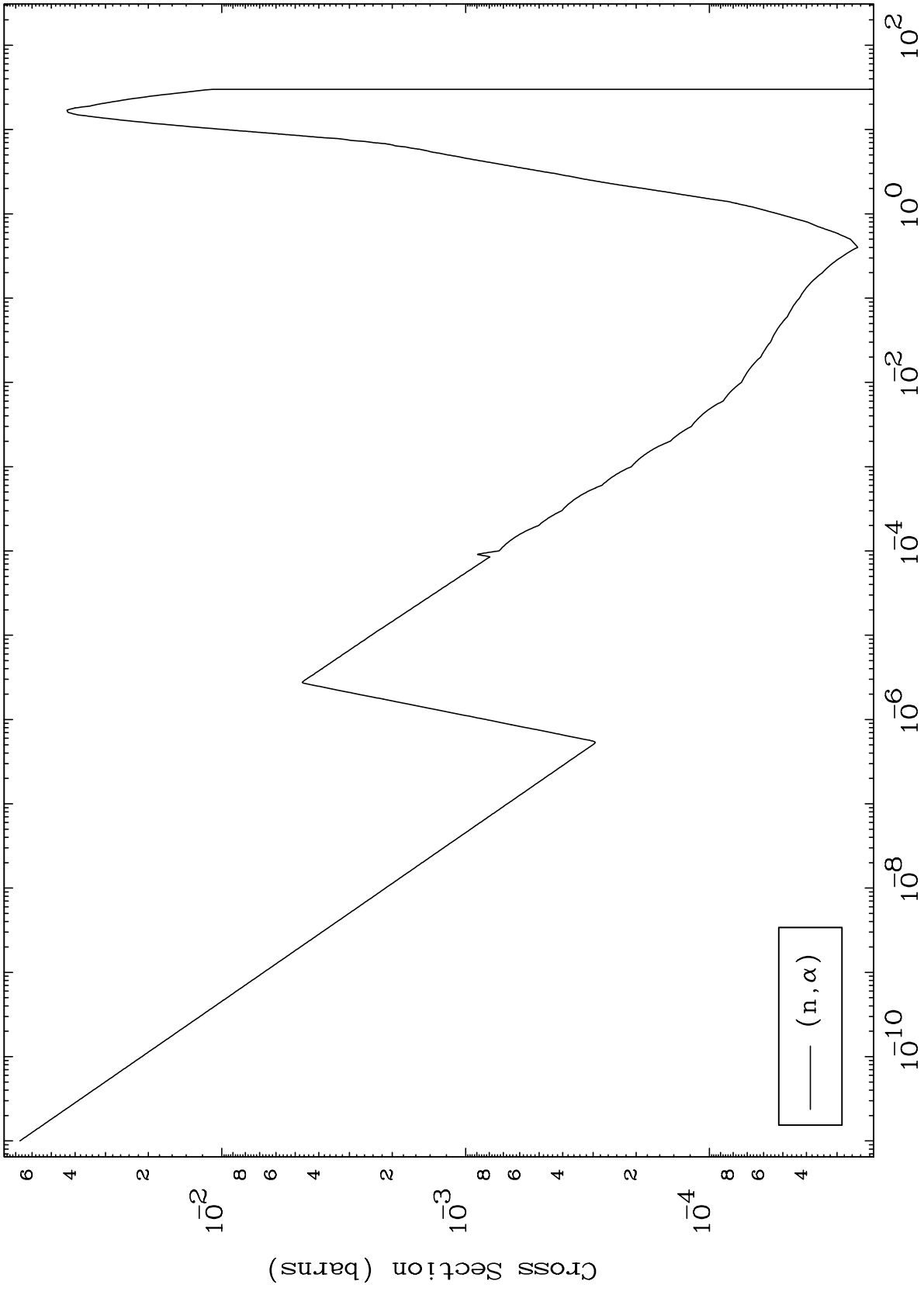
Incident Energy (MeV)

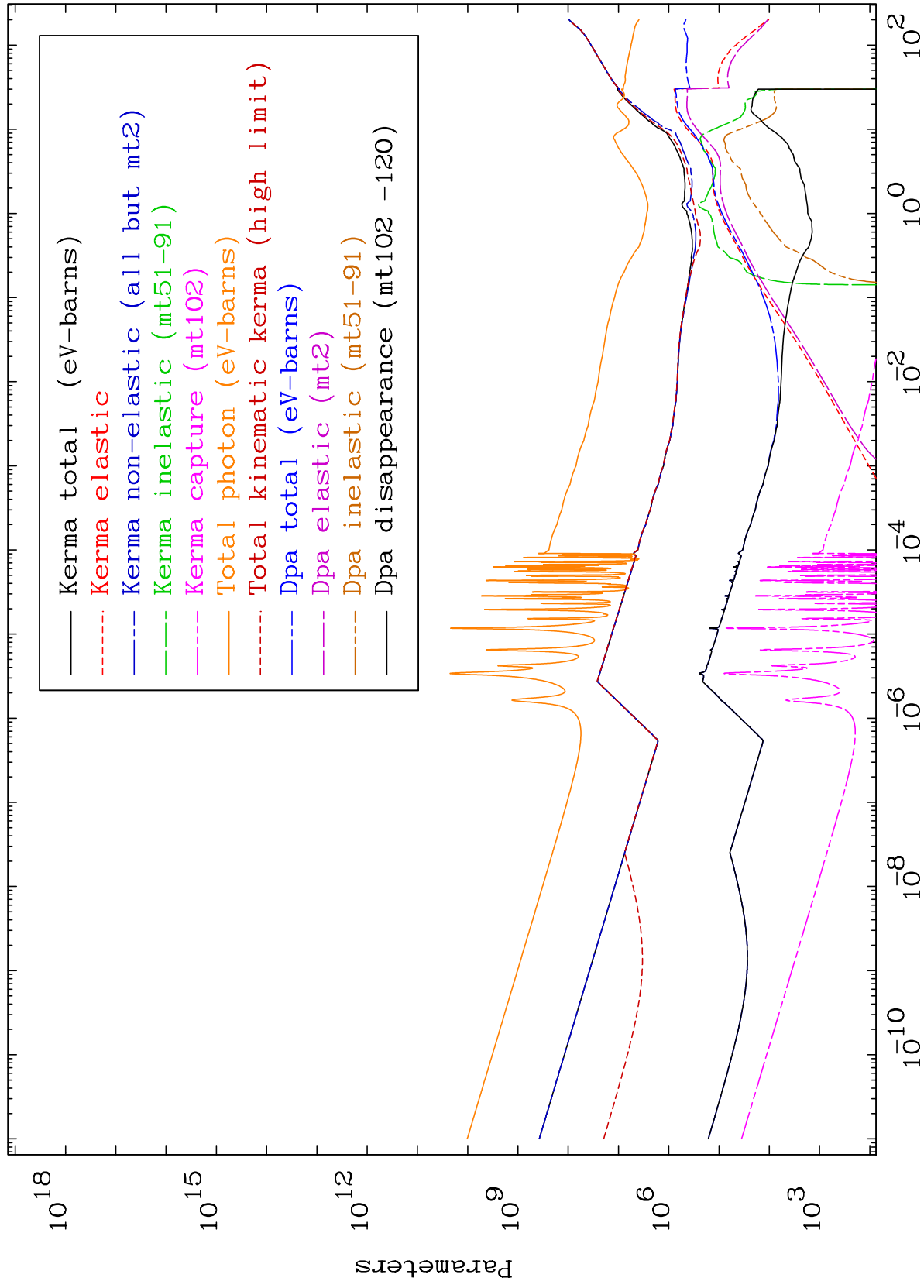
49-In-110

MAT 4917

(n,α) Levels  
293 Kelvin Cross Sections

49-In-110





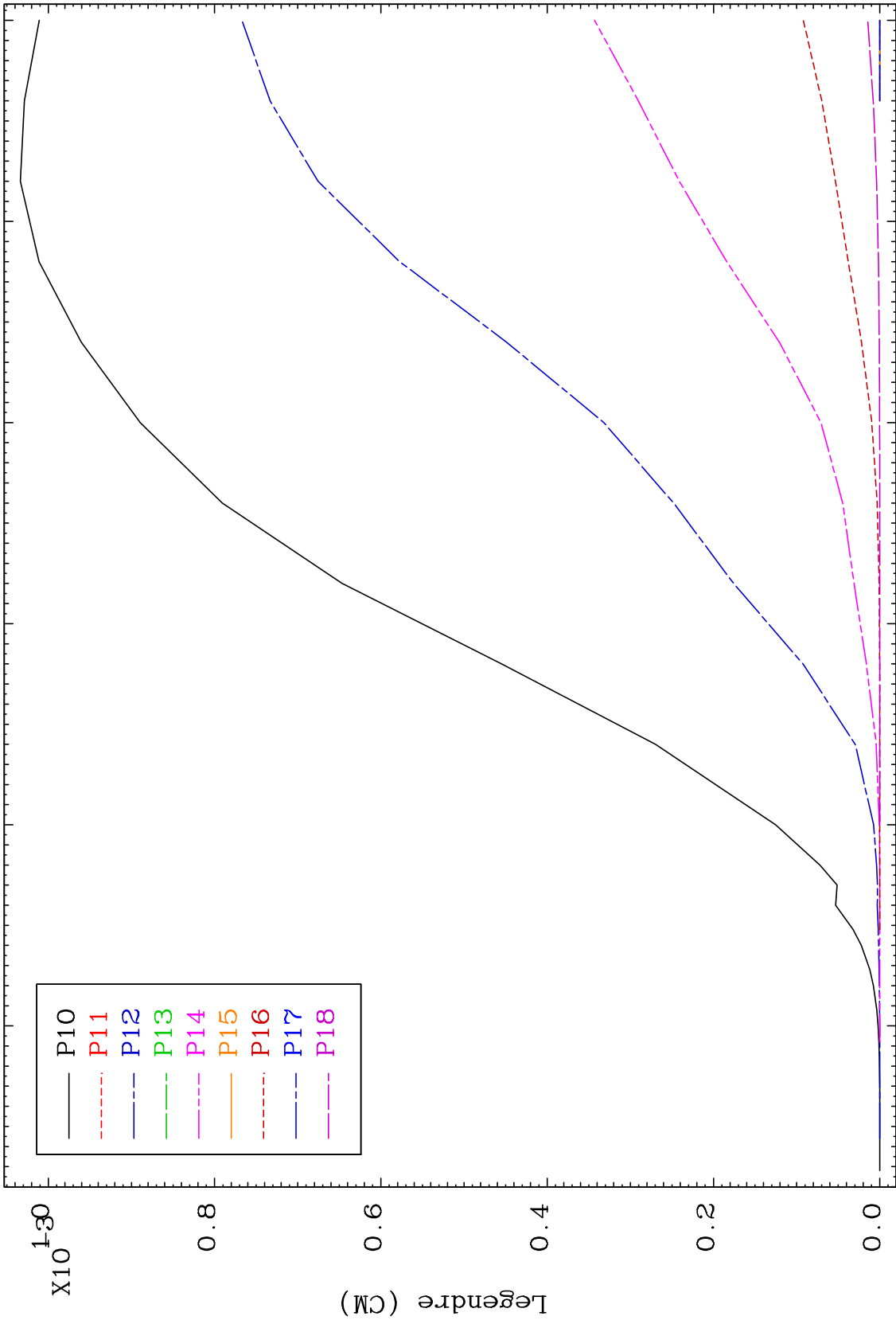




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Elastic Legendre Coefficients

49-In-110



17

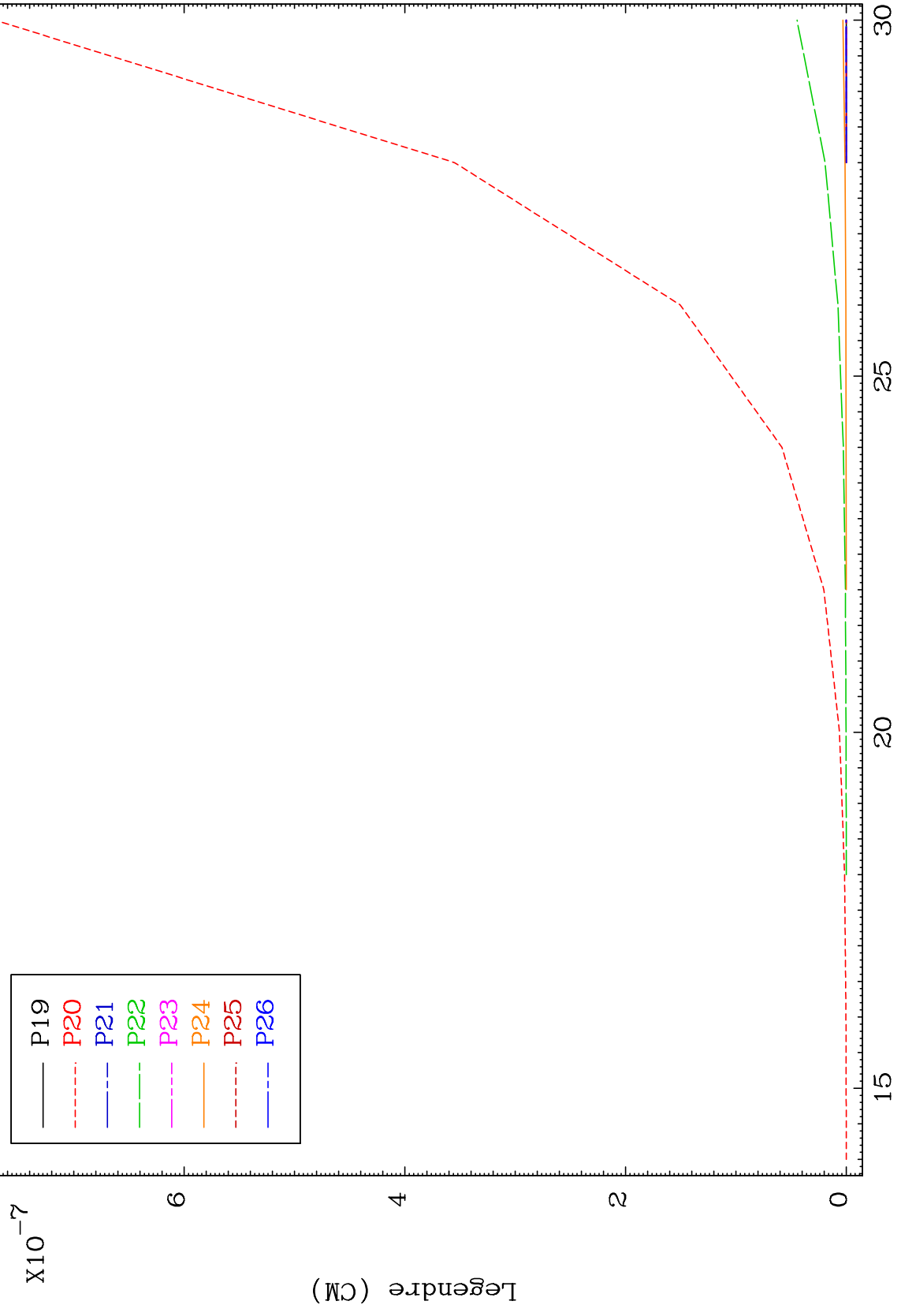
Incident Energy (MeV)

49-In-110

MAT 4917

Elastic Legendre Coefficients

49-In-110



18

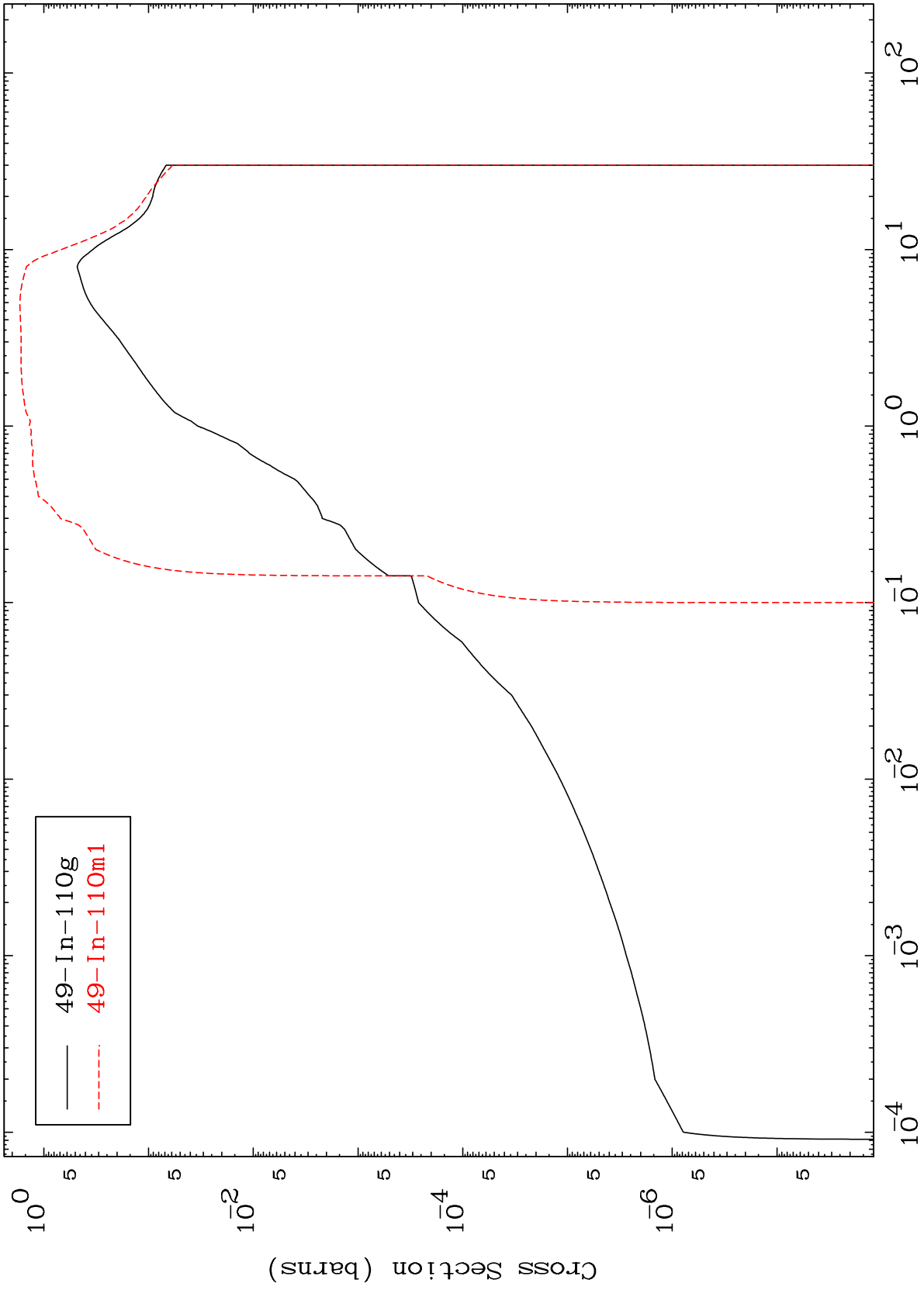
Incident Energy (MeV)

49-In-110

MAT 4917

49-In-110

Inelastic  
Radionuclide Production Cross Section

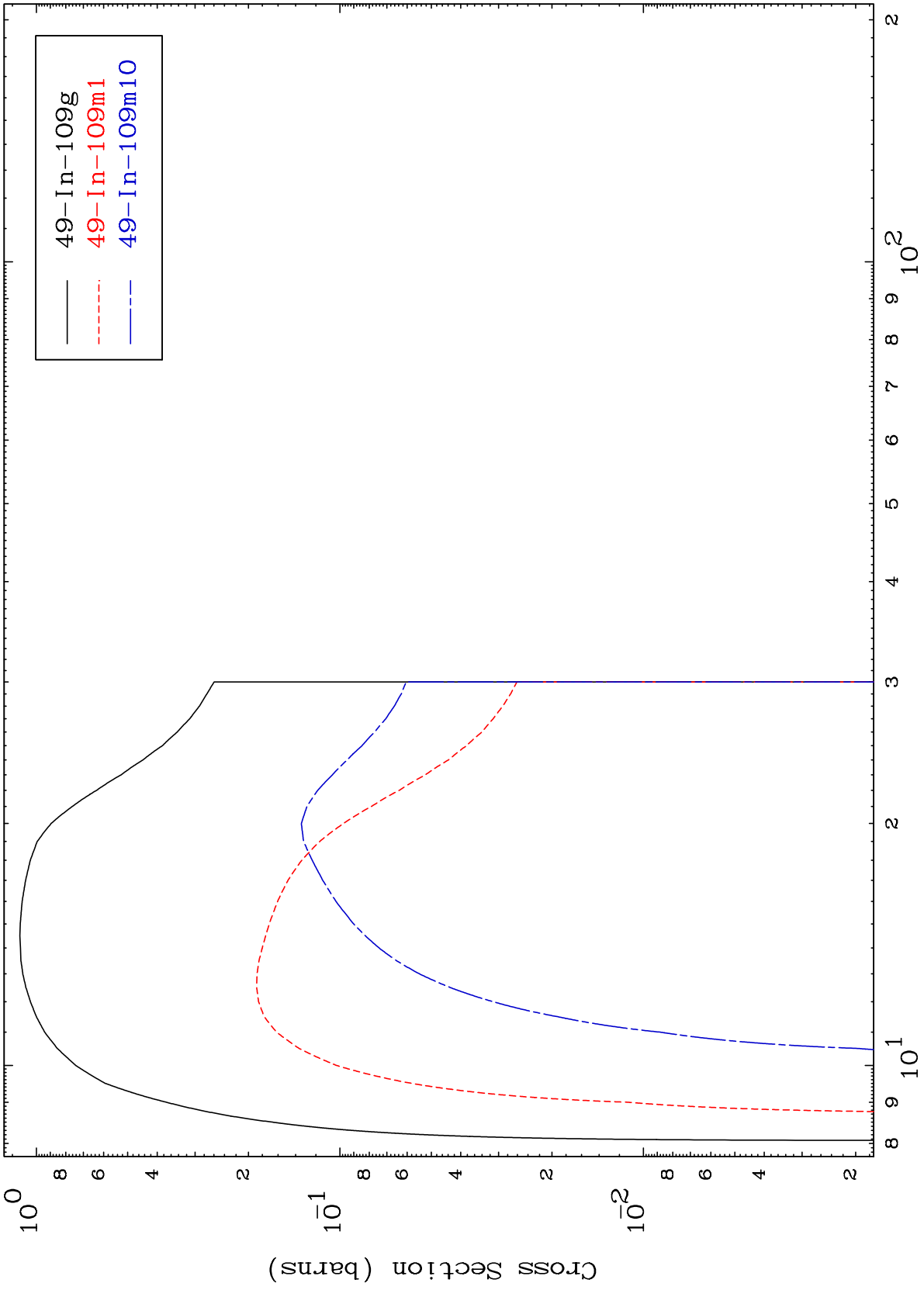


— 49-In-110g  
- - - 49-In-110m1

MAT 4917

49-In-110

Radionuclide Production Cross Section  
(n,2n)



20

Incident Energy (MeV)

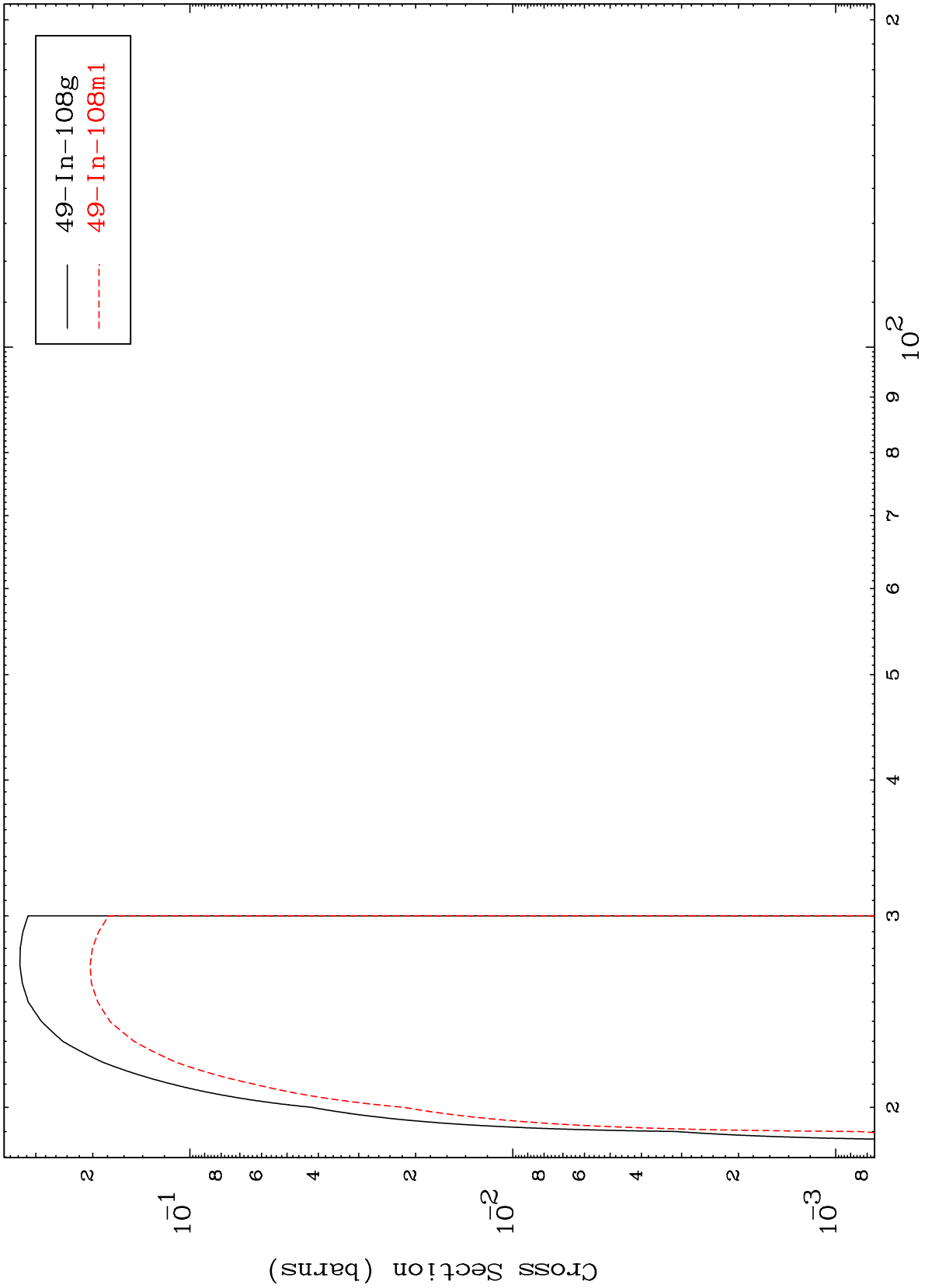
49-In-110

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(n,3n)

49-In-110

Radionuclide Production Cross Section



21

Incident Energy (MeV)

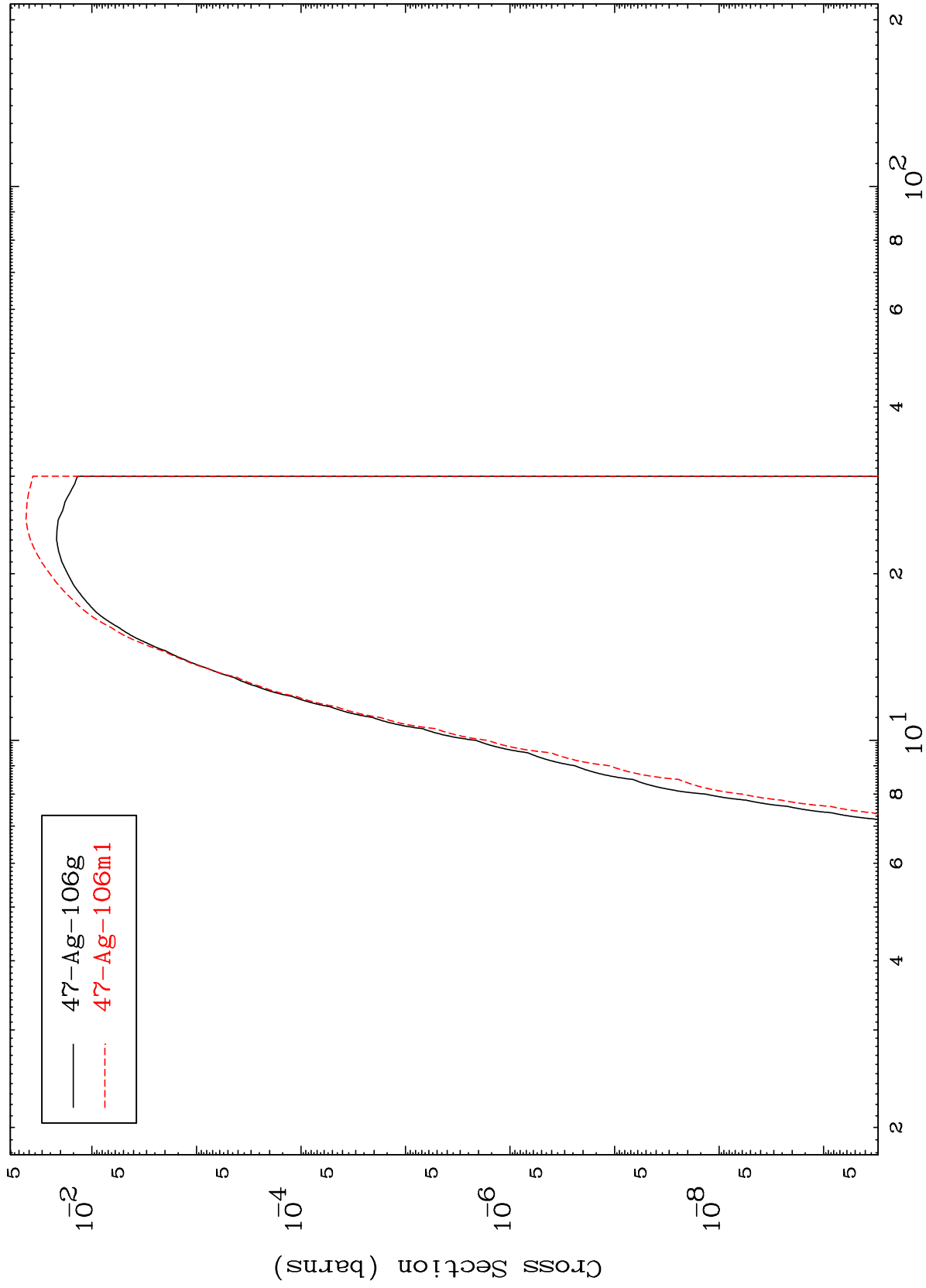
49-In-110

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(n,n')  $\alpha$

49-In-110

Radionuclide Production Cross Section



22

Incident Energy (MeV)

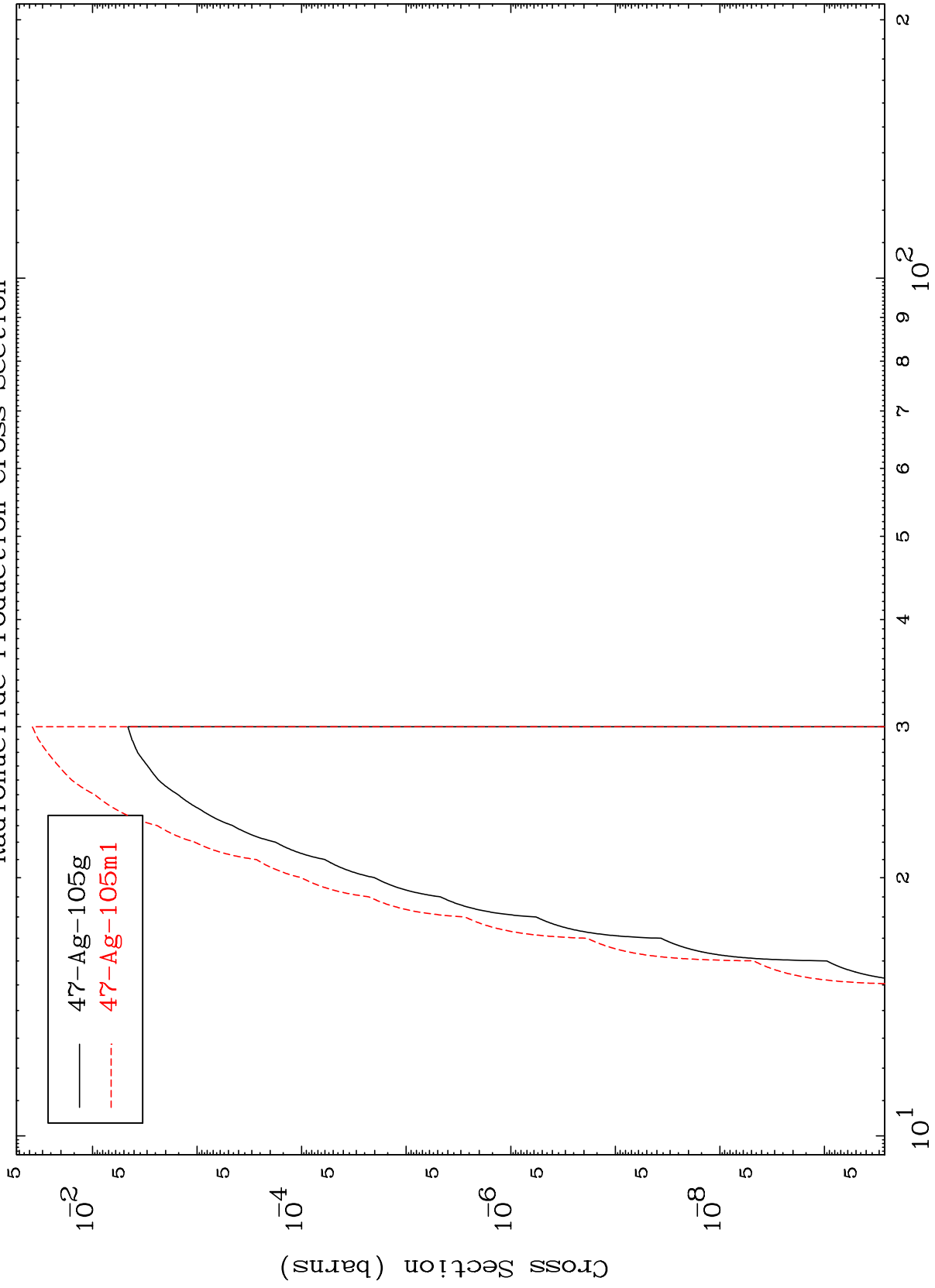
49-In-110

MAT 4917

(n,2n)  $\alpha$

49-In-110

Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-110

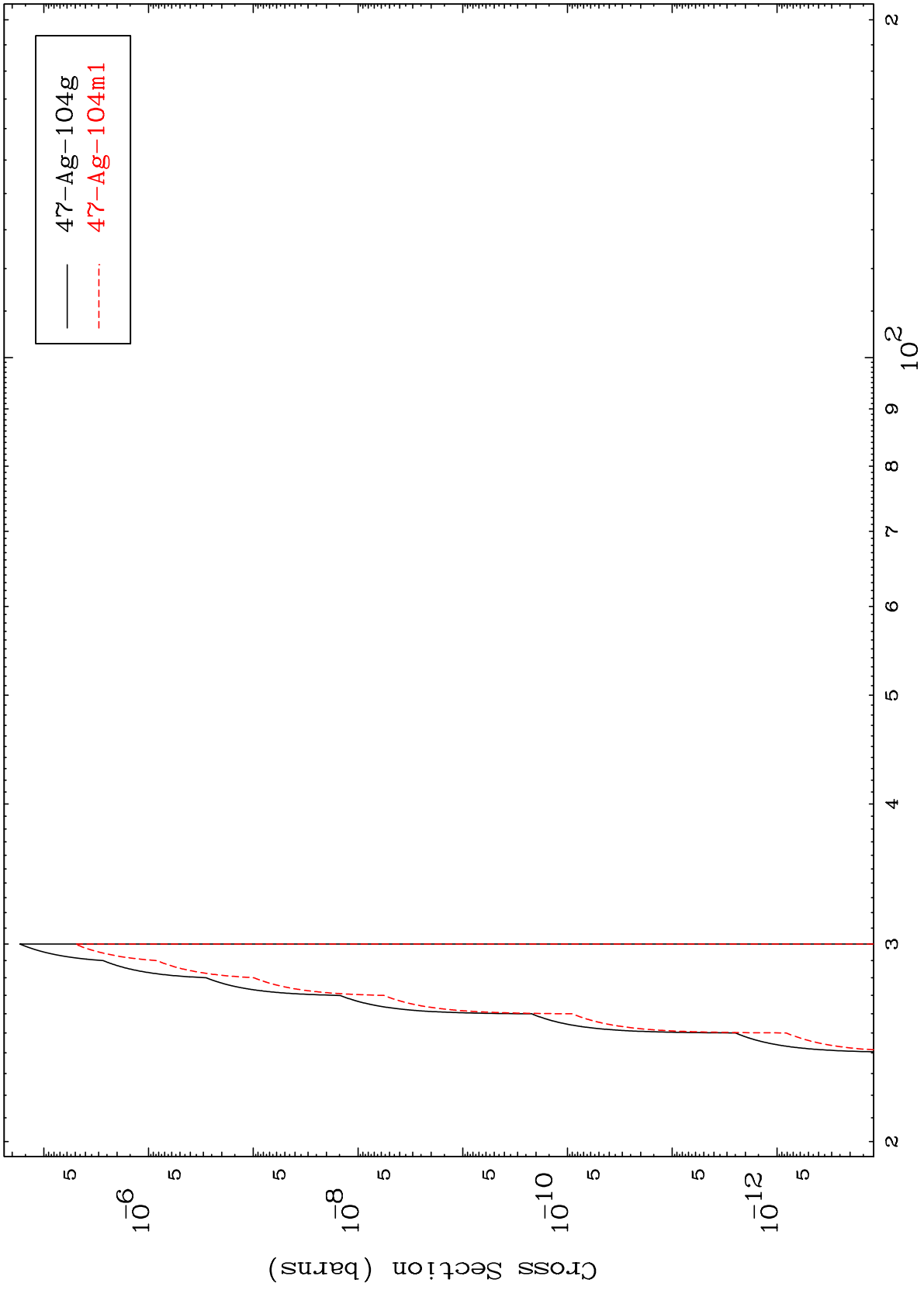


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(n,3n)  $\alpha$

49-In-110

Radionuclide Production Cross Section



24

Incident Energy (MeV)

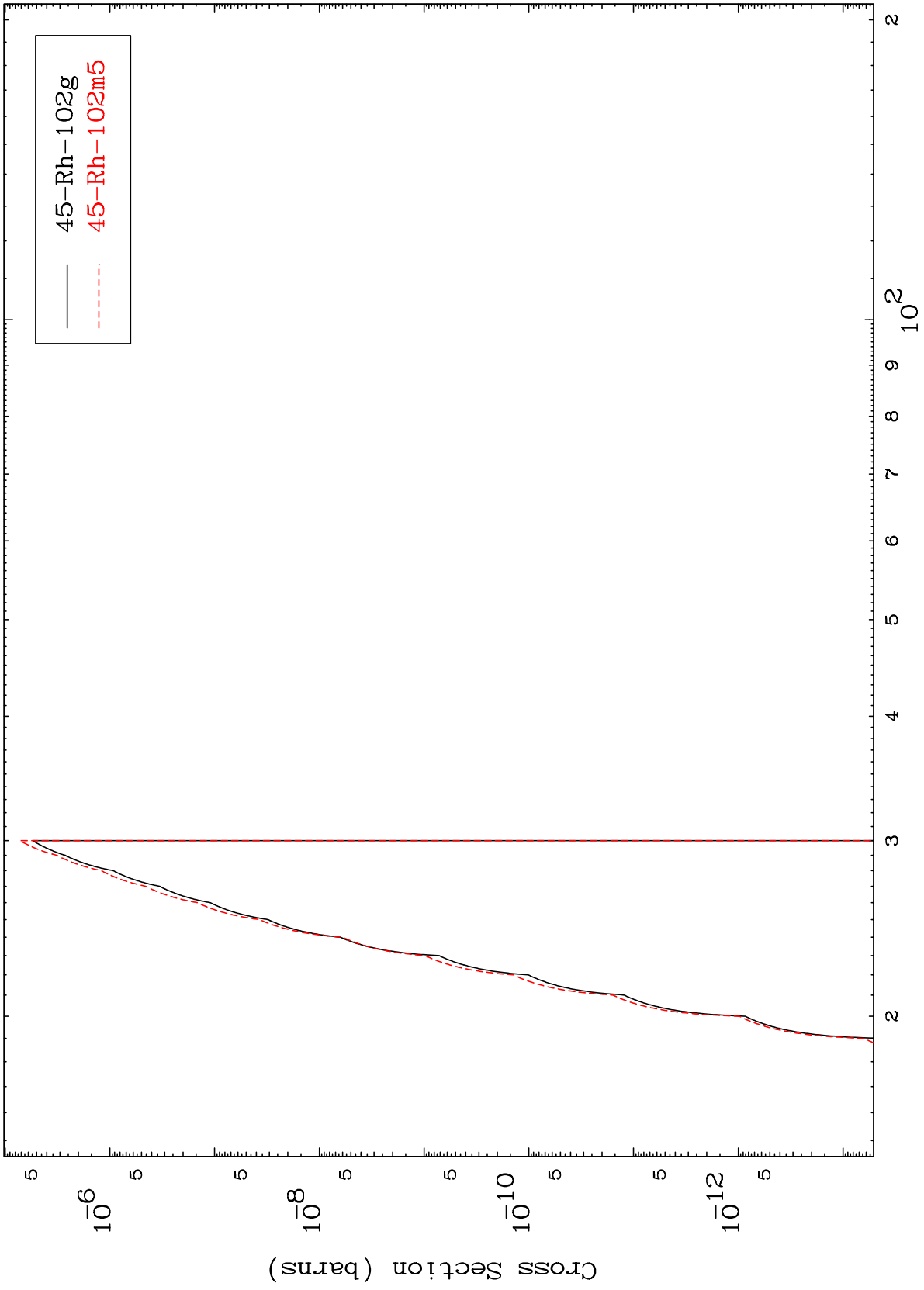
49-In-110

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(n,n') 2α

49-In-110

Radionuclide Production Cross Section



25

Incident Energy (MeV)

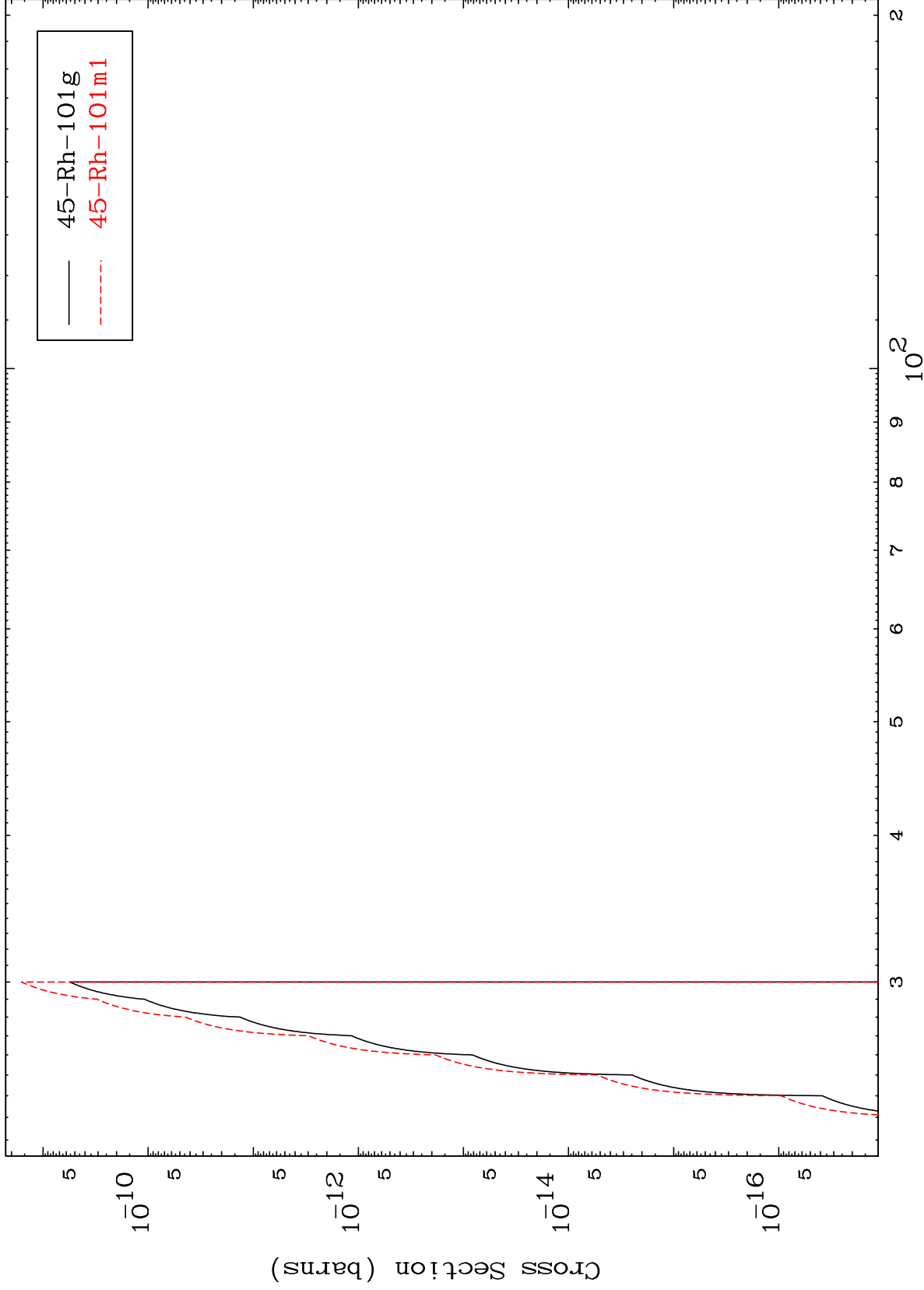
49-In-110

MAT 4917

(n,2n) 2α

49-In-110

Radionuclide Production Cross Section



26

Incident Energy (MeV)

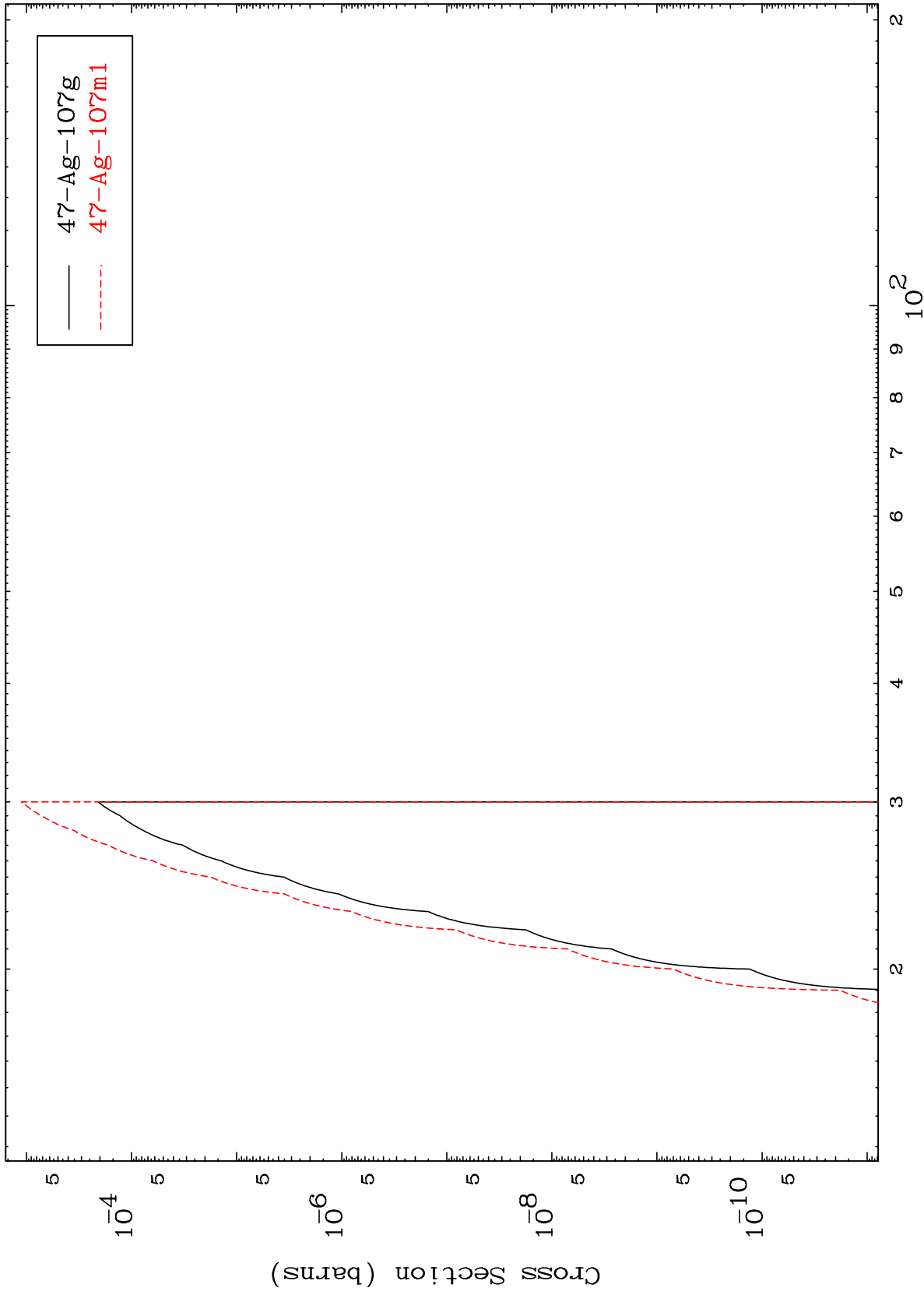
49-In-110

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(n, n') He-3

49-In-110

Radionuclide Production Cross Section



27

Incident Energy (MeV)

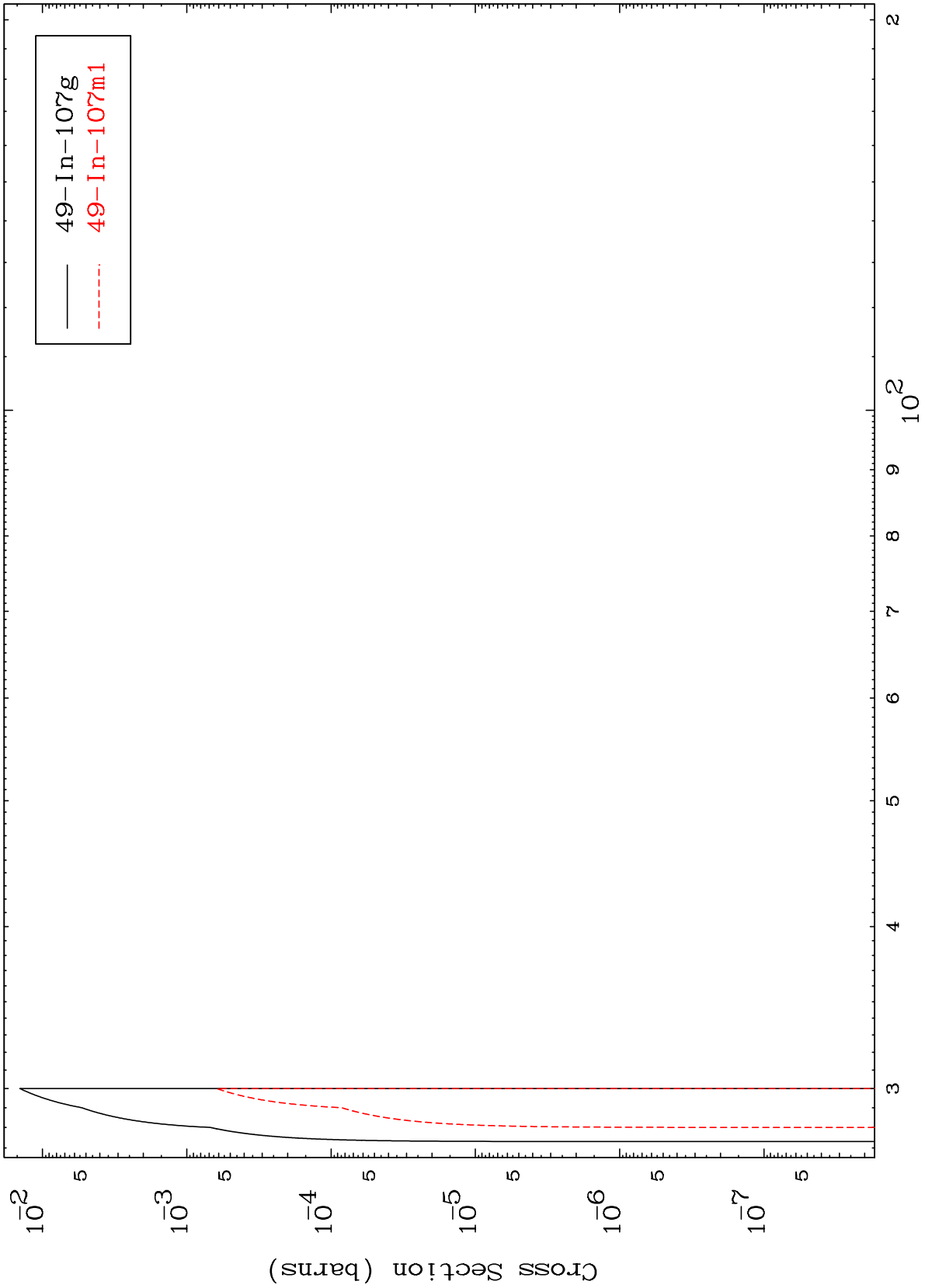
49-In-110

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(n,4n)

49-In-110

Radionuclide Production Cross Section



28

Incident Energy (MeV)

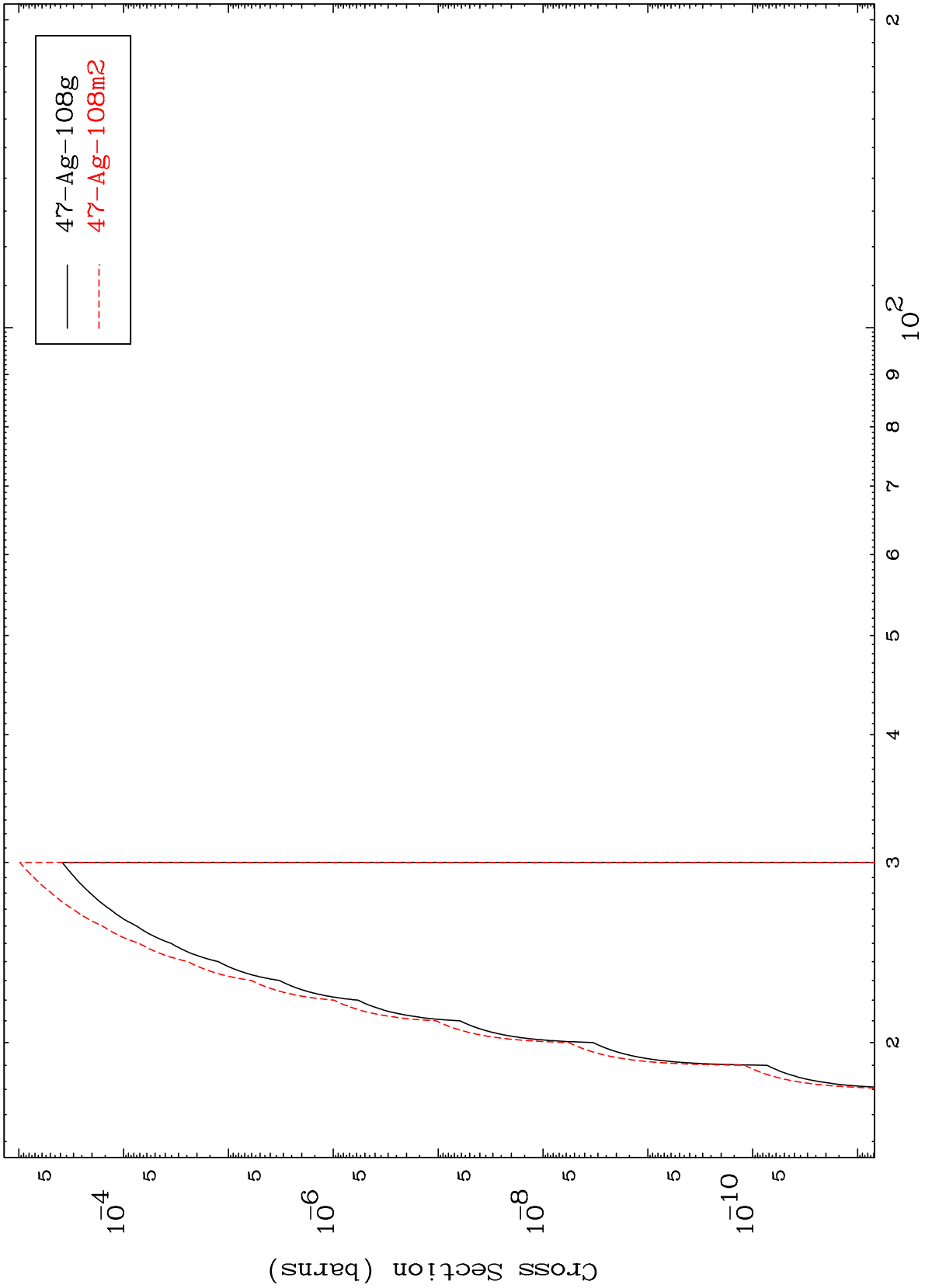
49-In-110

MAT 4917

(n,2n) p

49-In-110

Radionuclide Production Cross Section



29

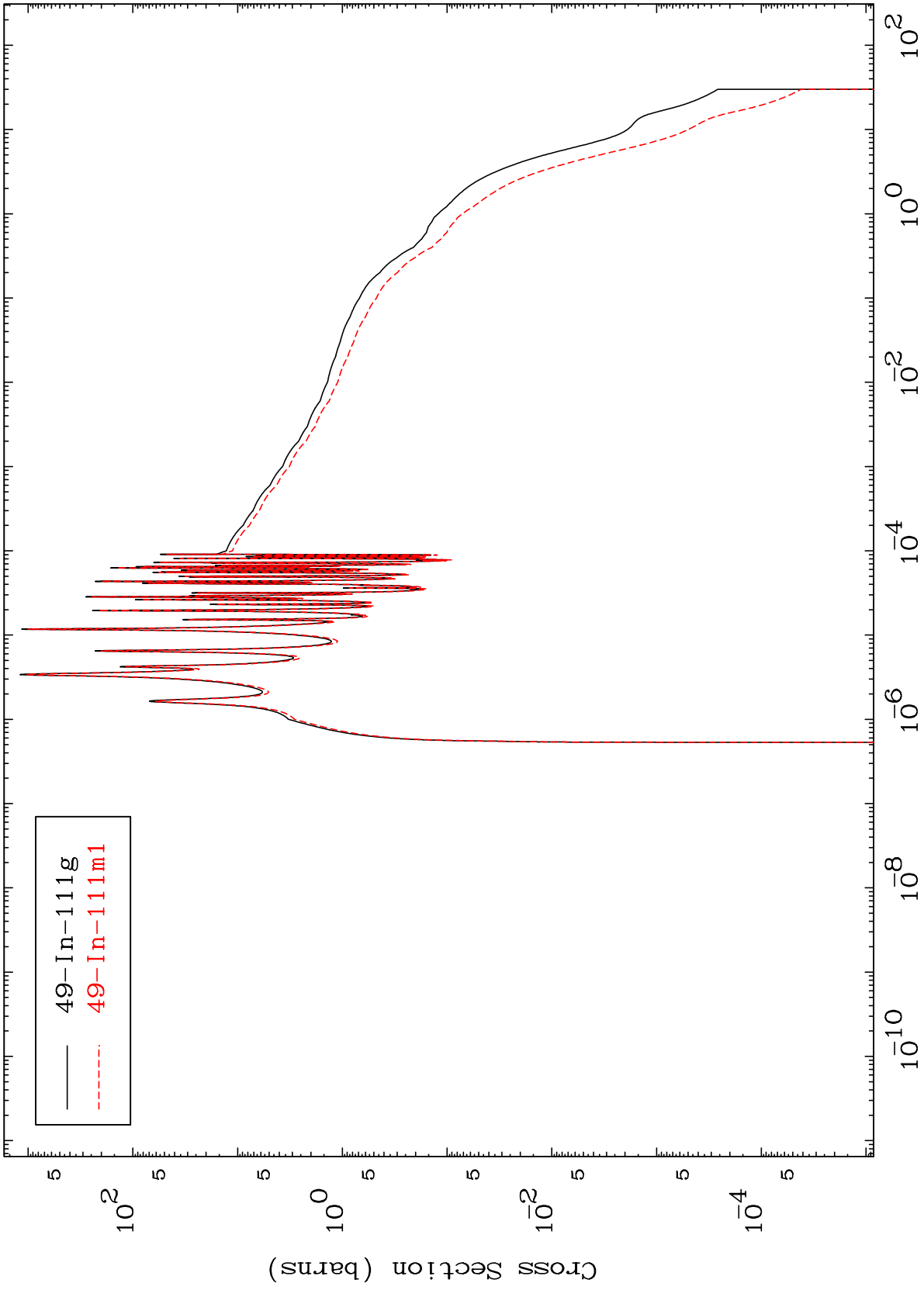
Incident Energy (MeV)

49-In-110

MAT 4917

49-In-110

Radionuclide Production Cross Section



30

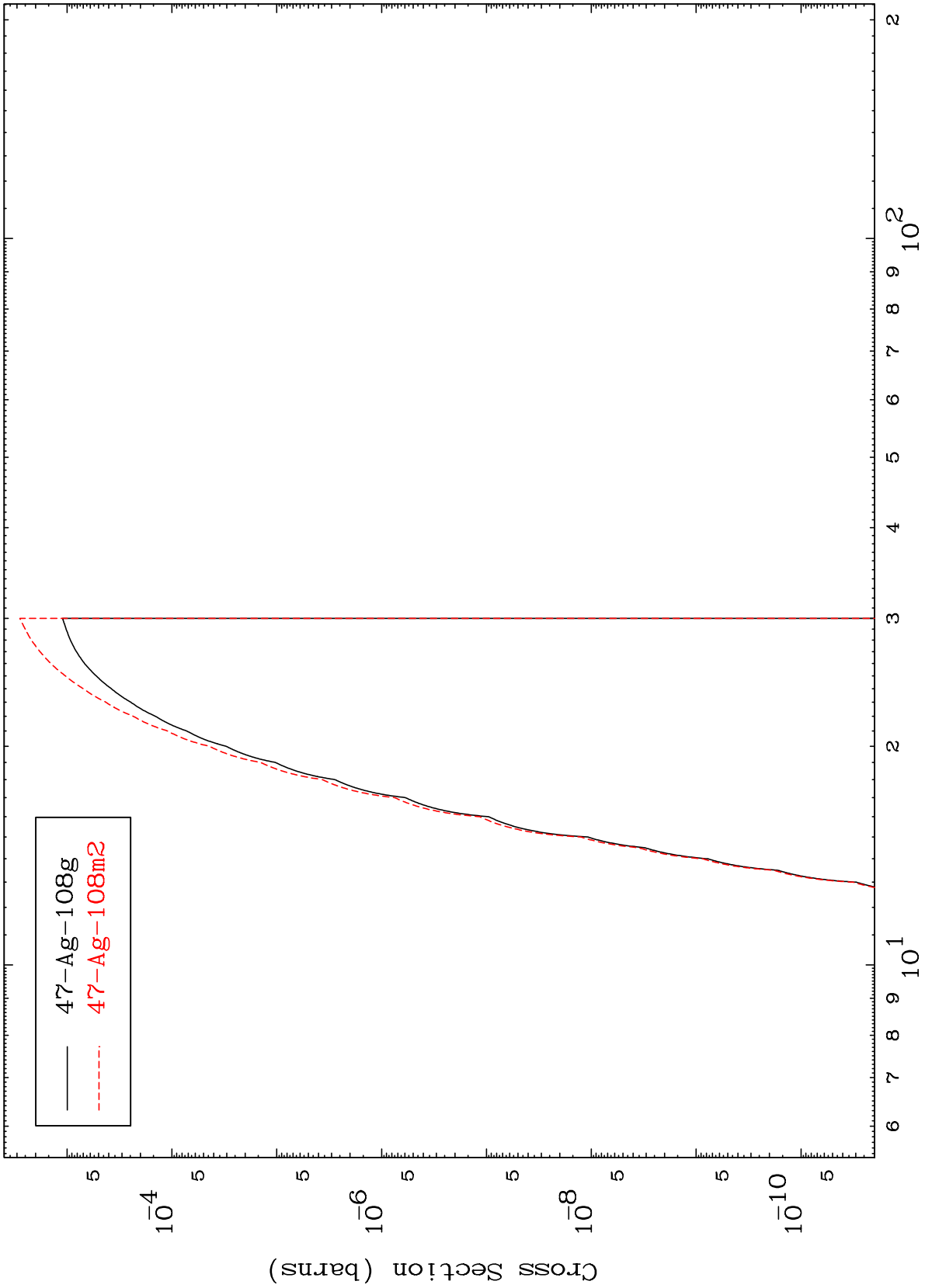
49-In-110

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(n,He-3)

49-In-110

Radionuclide Production Cross Section



47-Ag-108g  
47-Ag-108m2

31

Incident Energy (MeV)

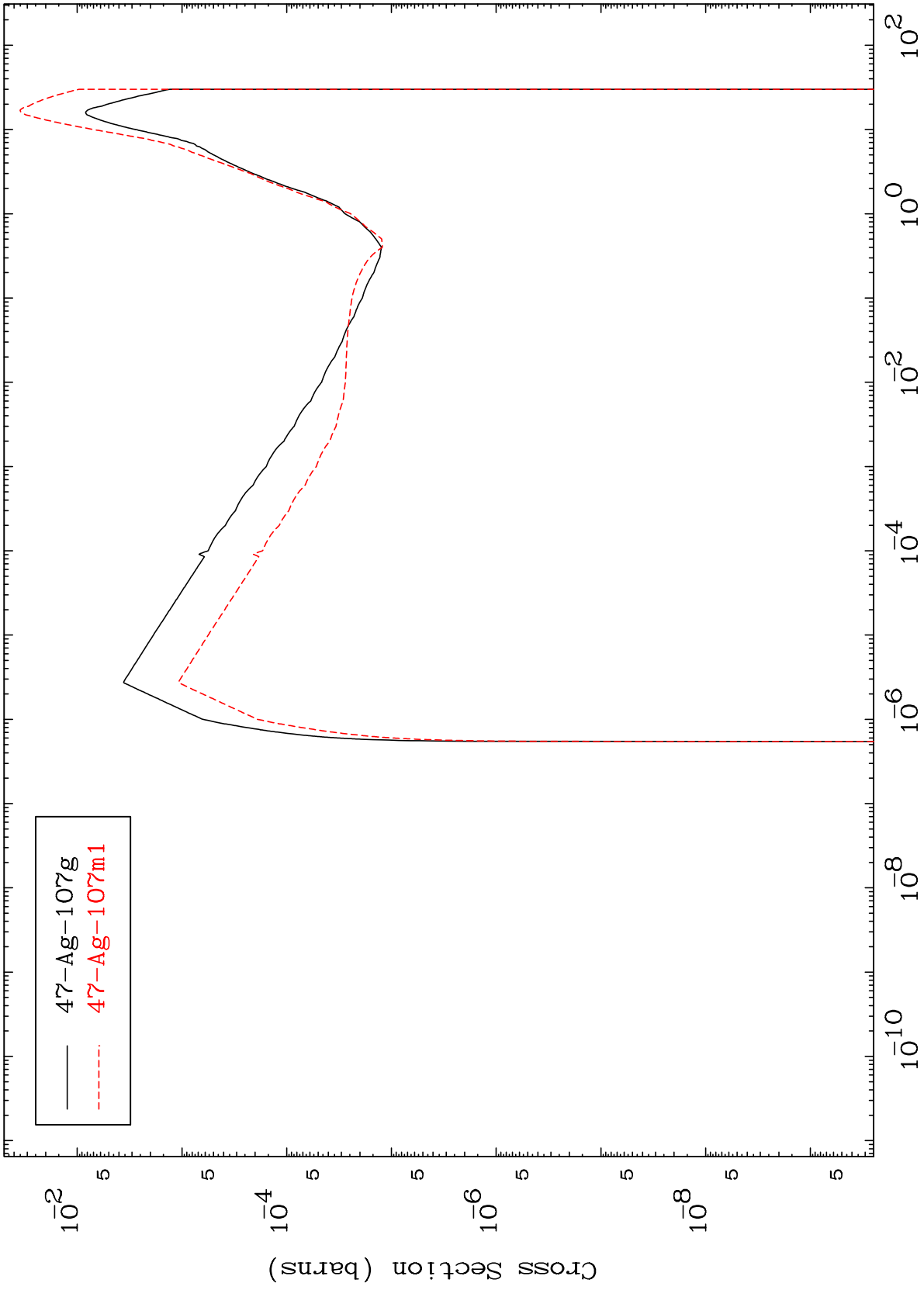
49-In-110



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

49-In-110

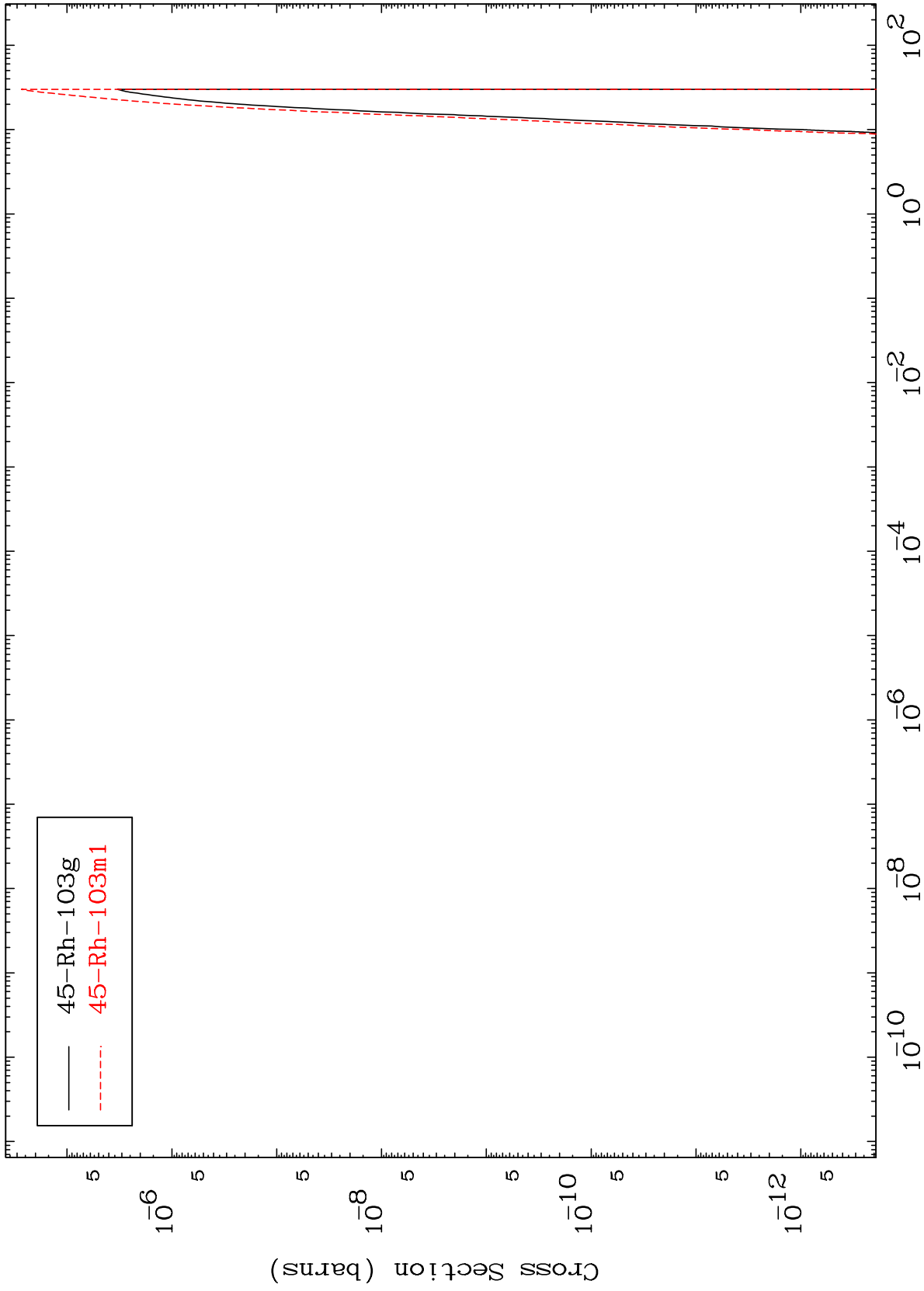


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(n,2α)

49-In-110

Radionuclide Production Cross Section

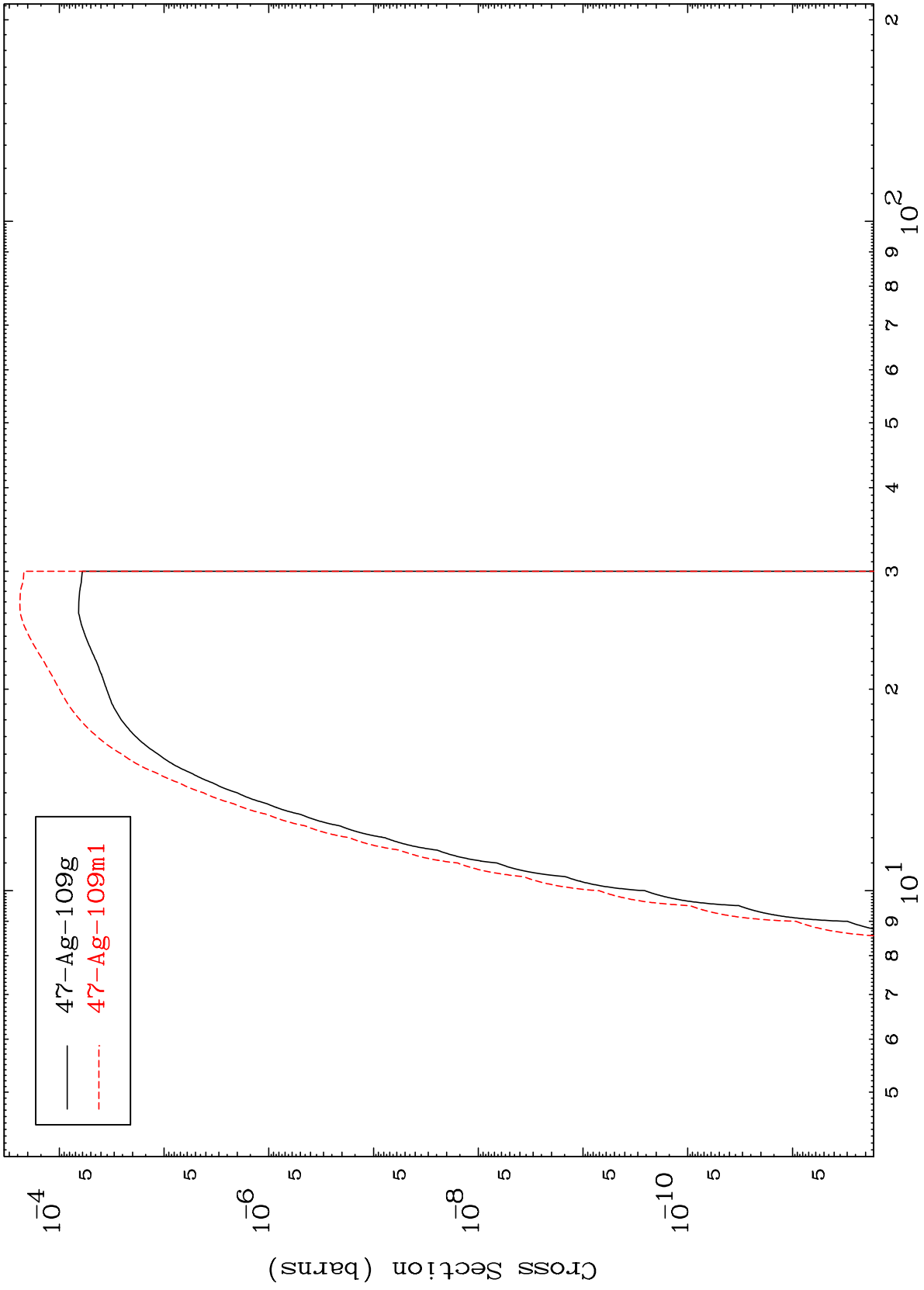


49-In-110

MAT 4917

49-In-110

(n,2p)  
Radionuclide Production Cross Section



34

49-In-110

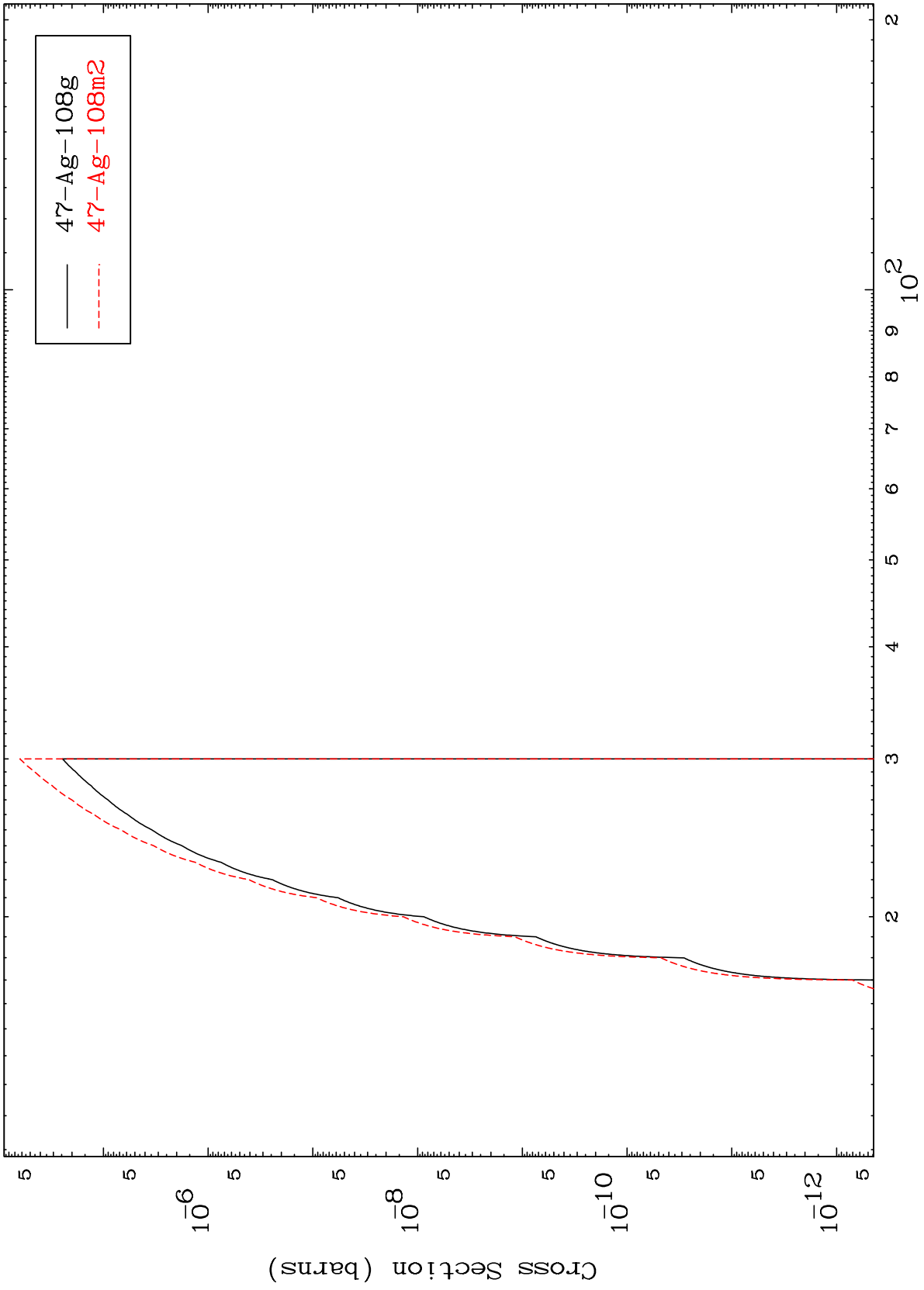
Incident Energy (MeV)

MAT 4917

(n,p) d

49-In-110

Radionuclide Production Cross Section



35

Incident Energy (MeV)

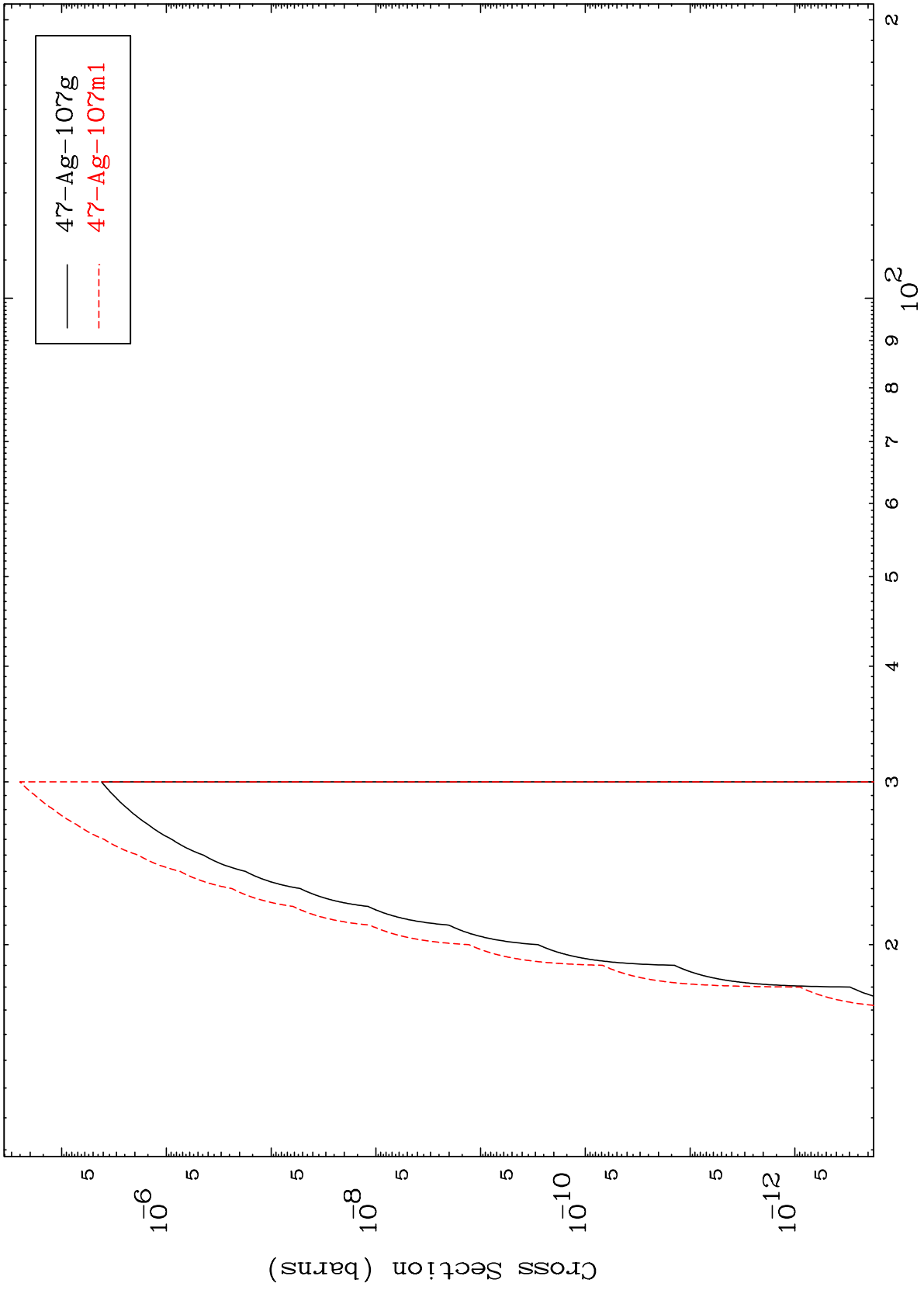
49-In-110

MAT 4917

(n,p) t

49-In-110

Radionuclide Production Cross Section



36

Incident Energy (MeV)

49-In-110