

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

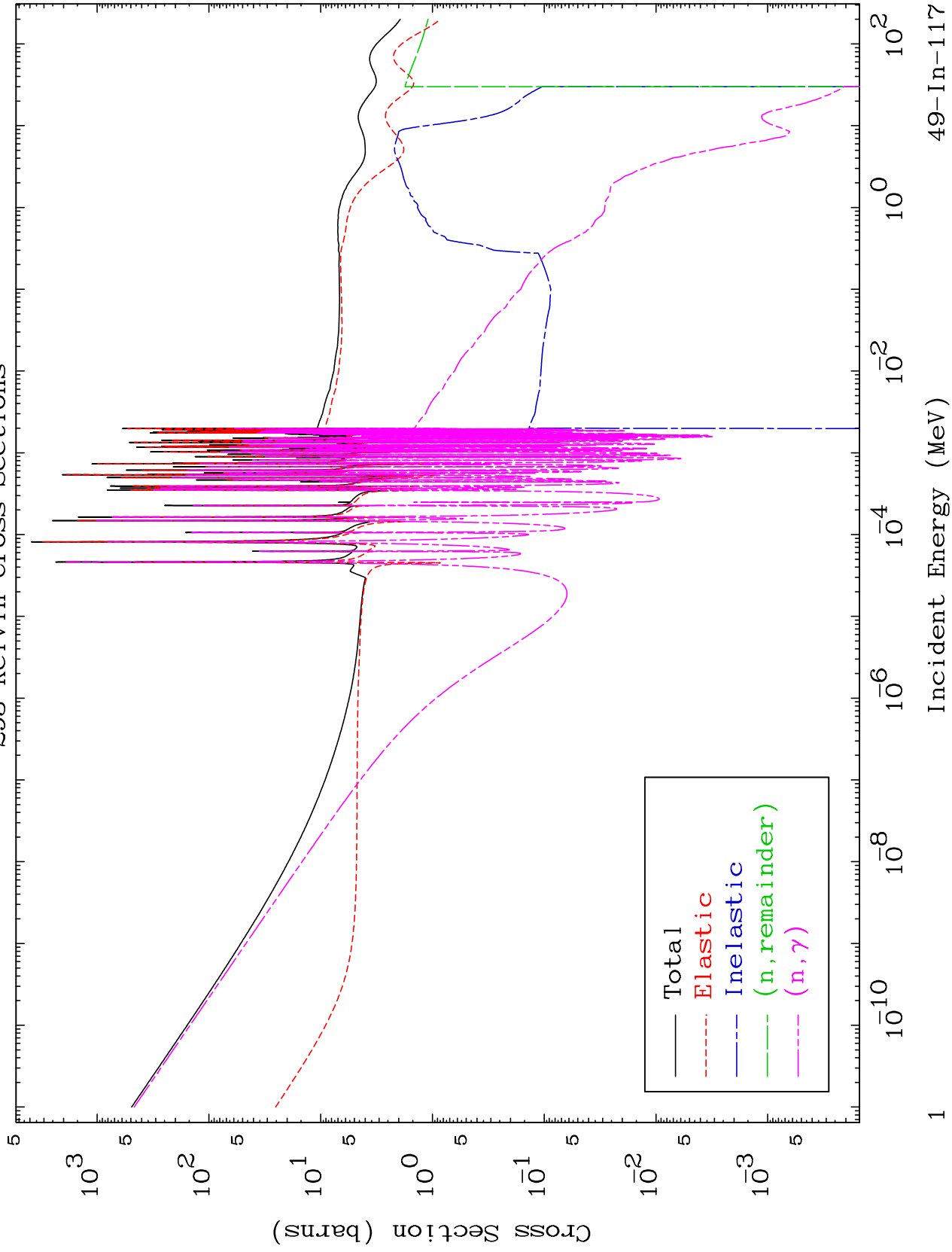
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4938

Major  
293 Kelvin Cross Sections

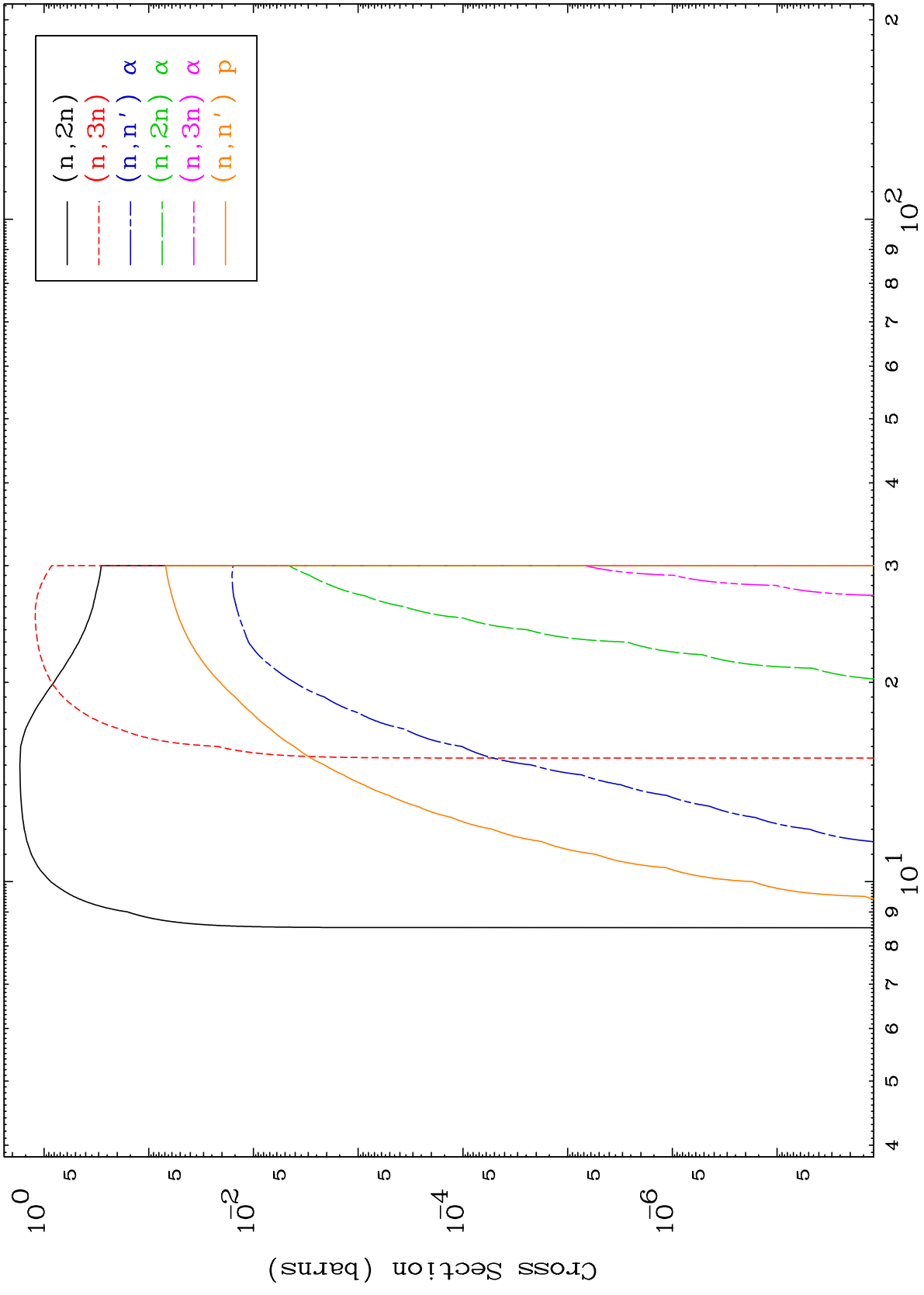
49-In-117



MAT 4938

Neutron Production  
293 Kelvin Cross Sections

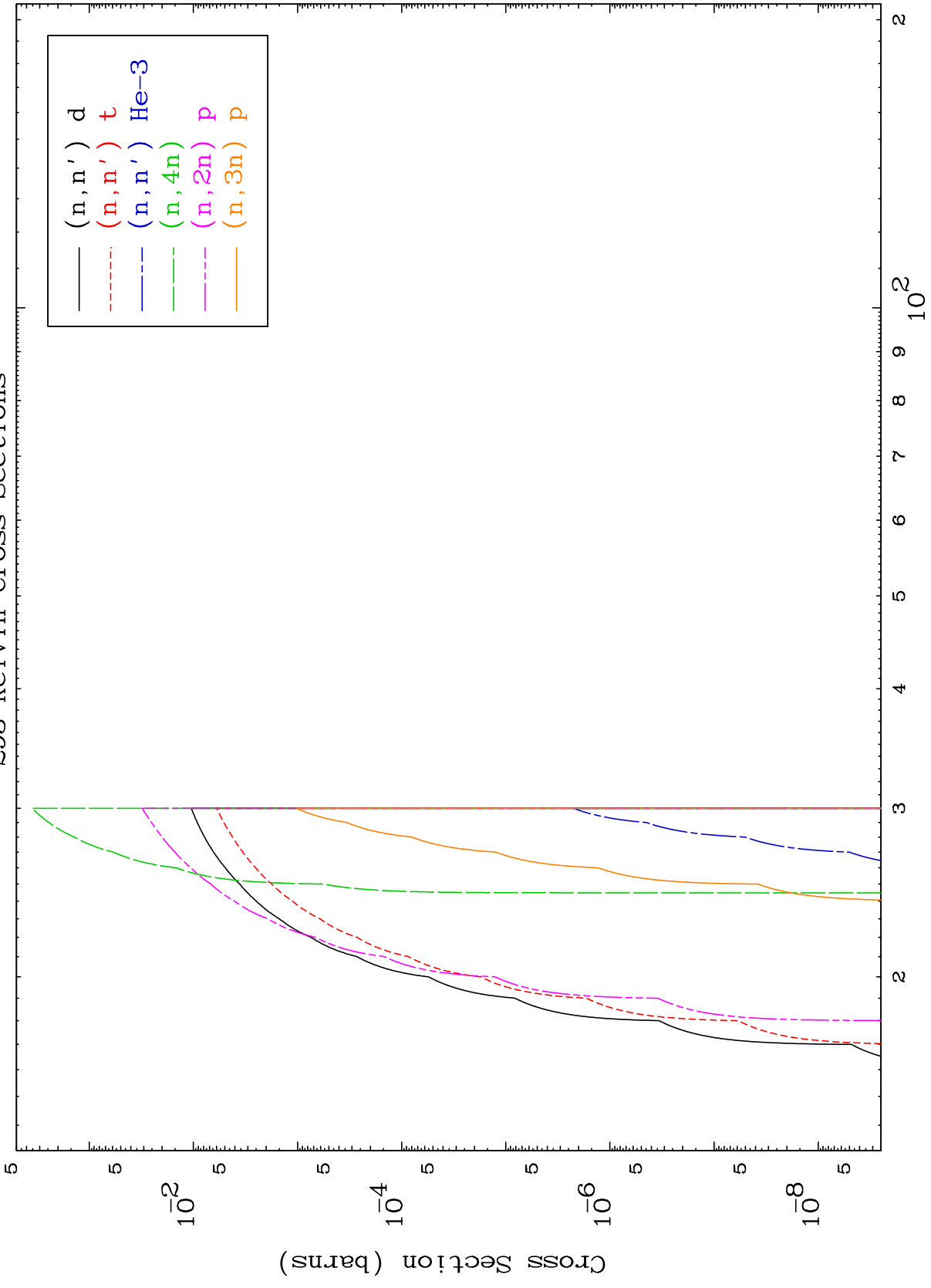
49-In-117

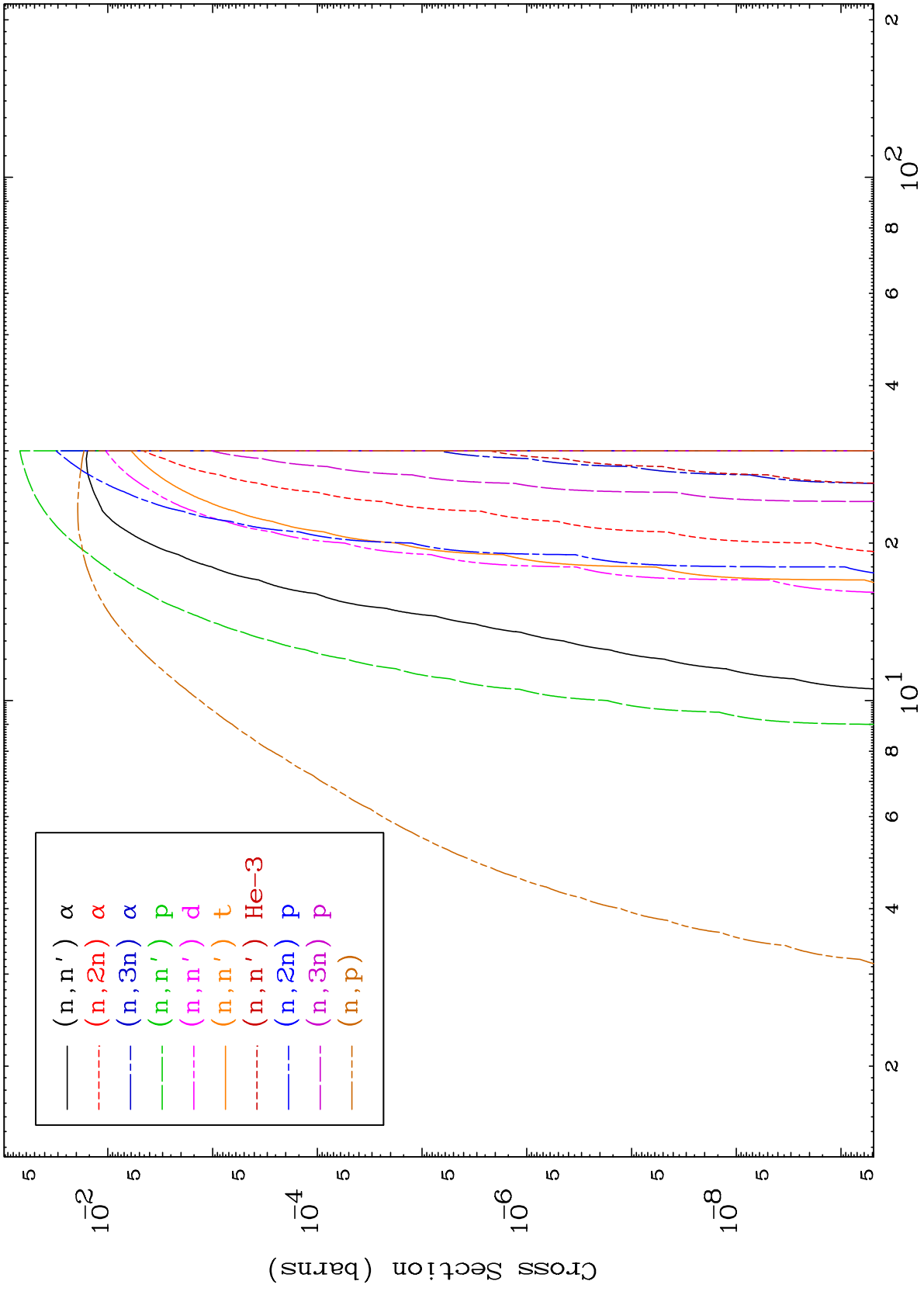


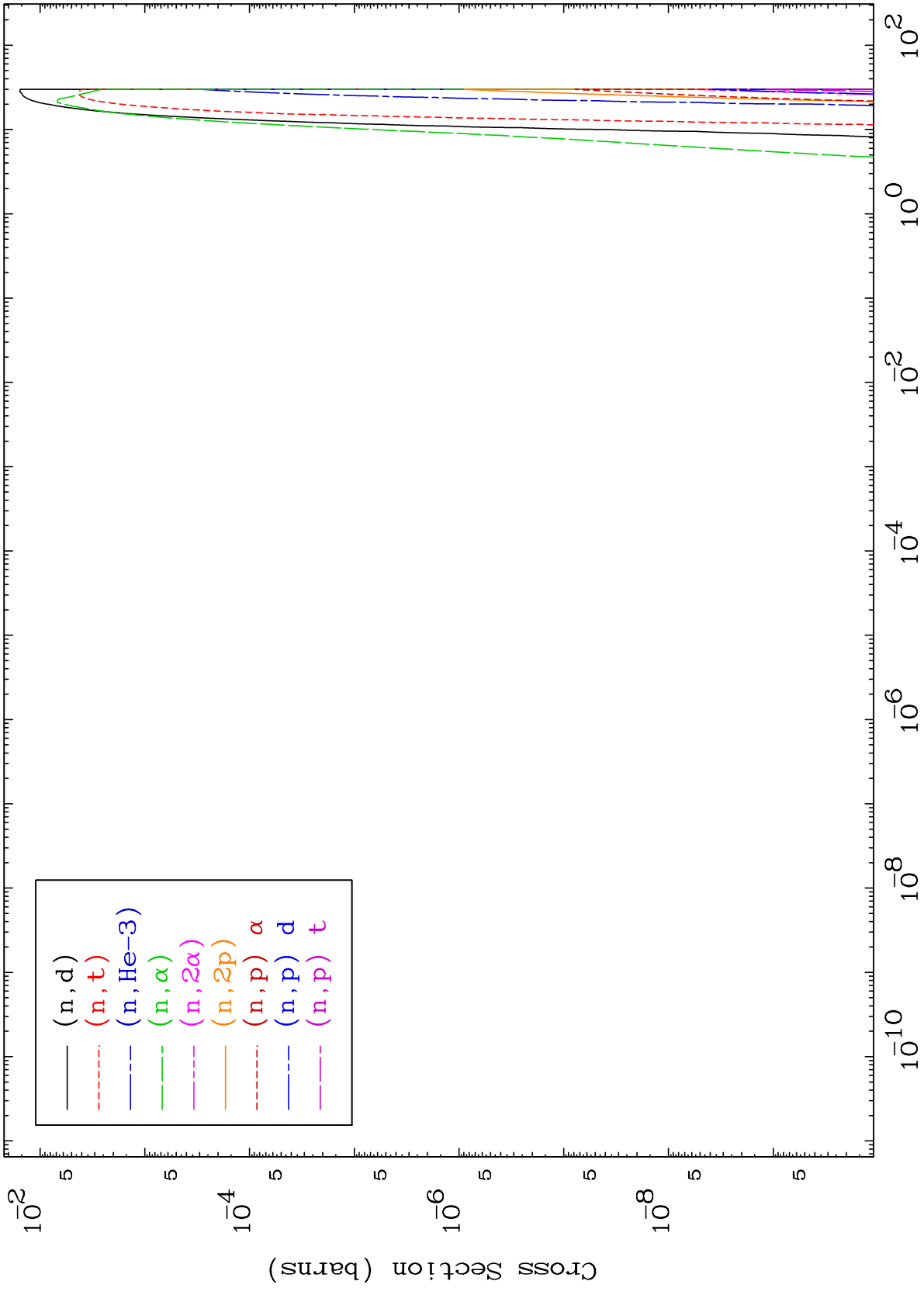
2

Incident Energy (MeV)

49-In-117



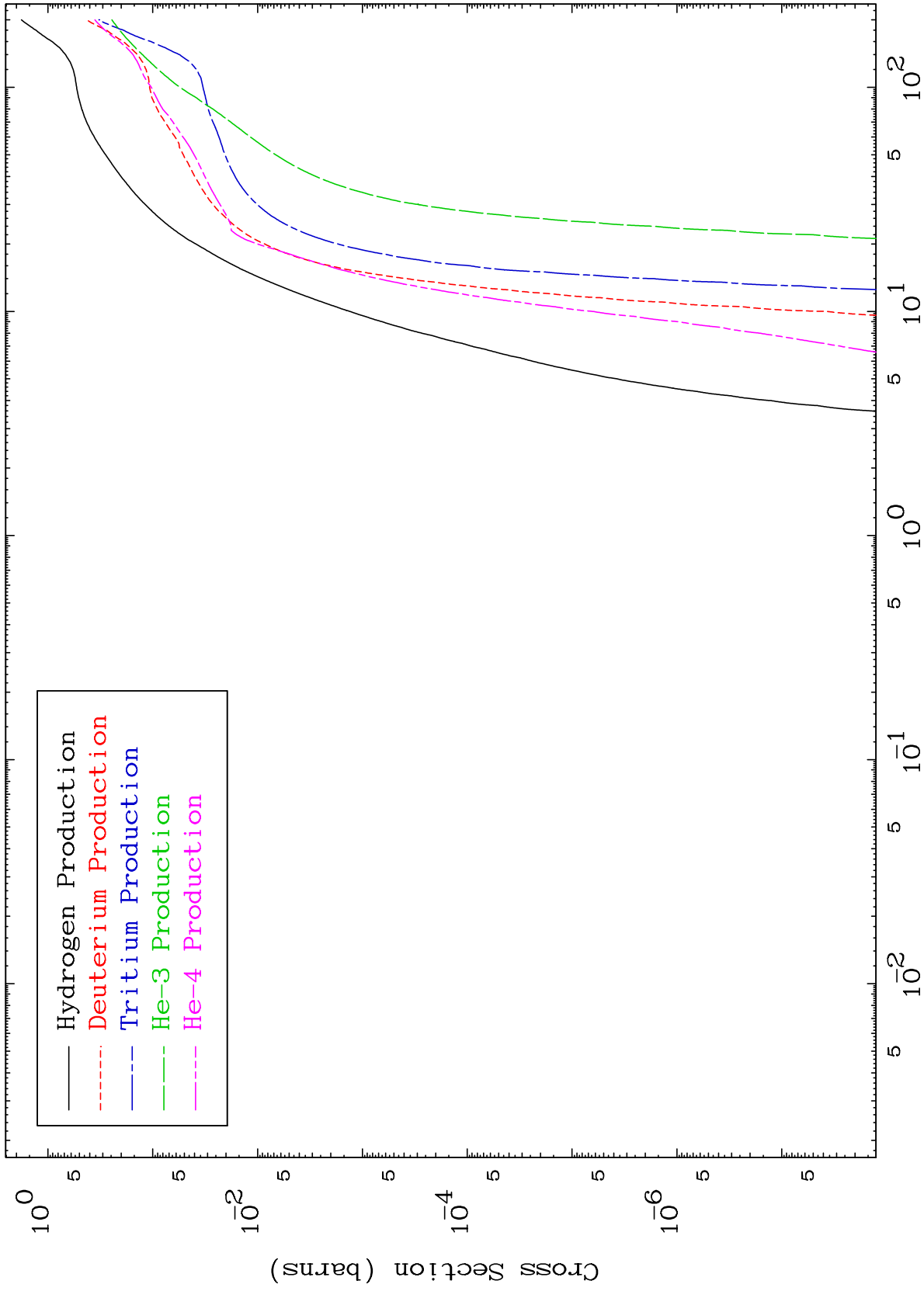




MAT 4938

Particle Production  
293 Kelvin Cross Sections

49-In-117



6

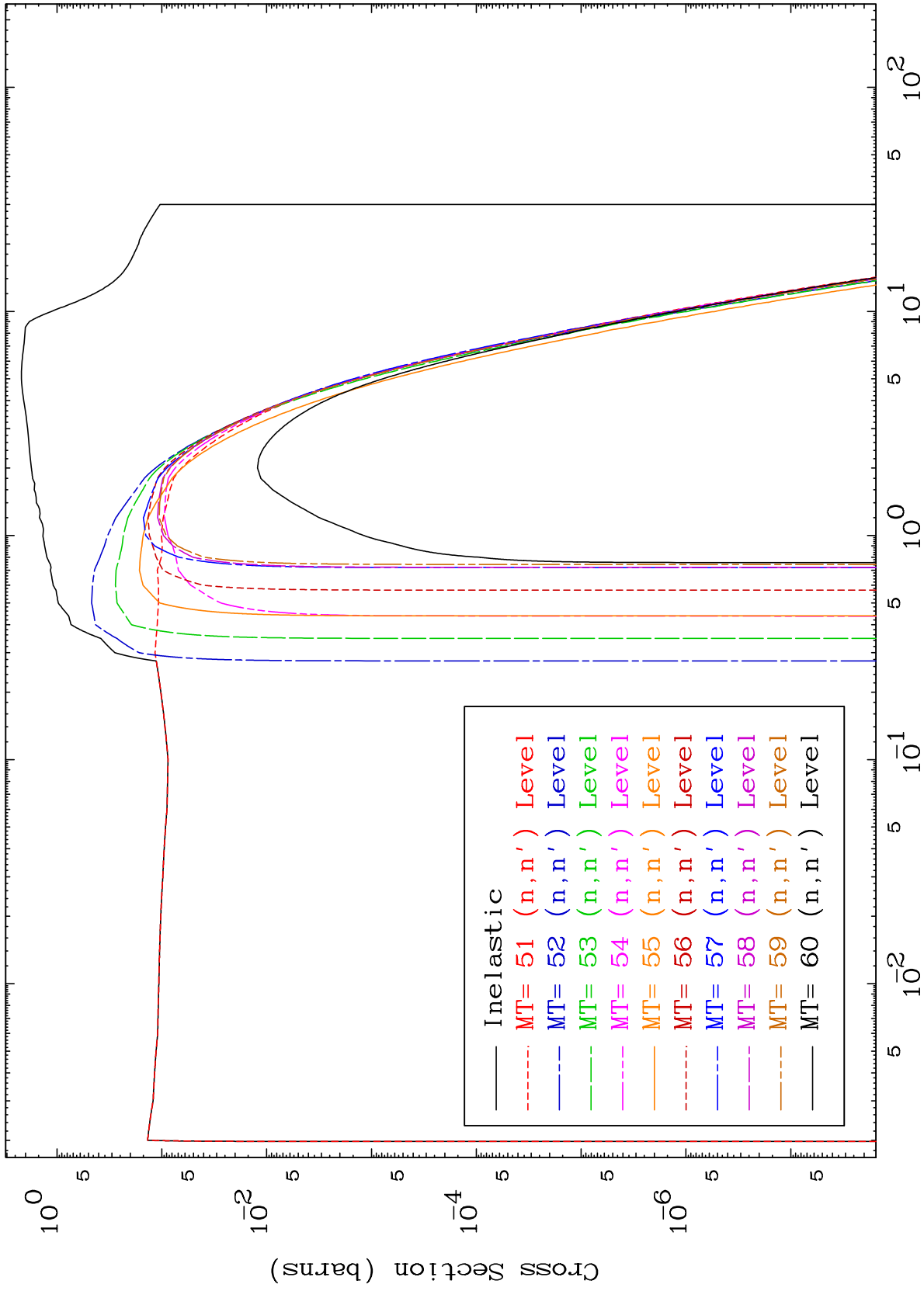
Incident Energy (MeV)

49-In-117

MAT 4938

(n,n') Level  
293 Kelvin Cross Sections

49-In-117



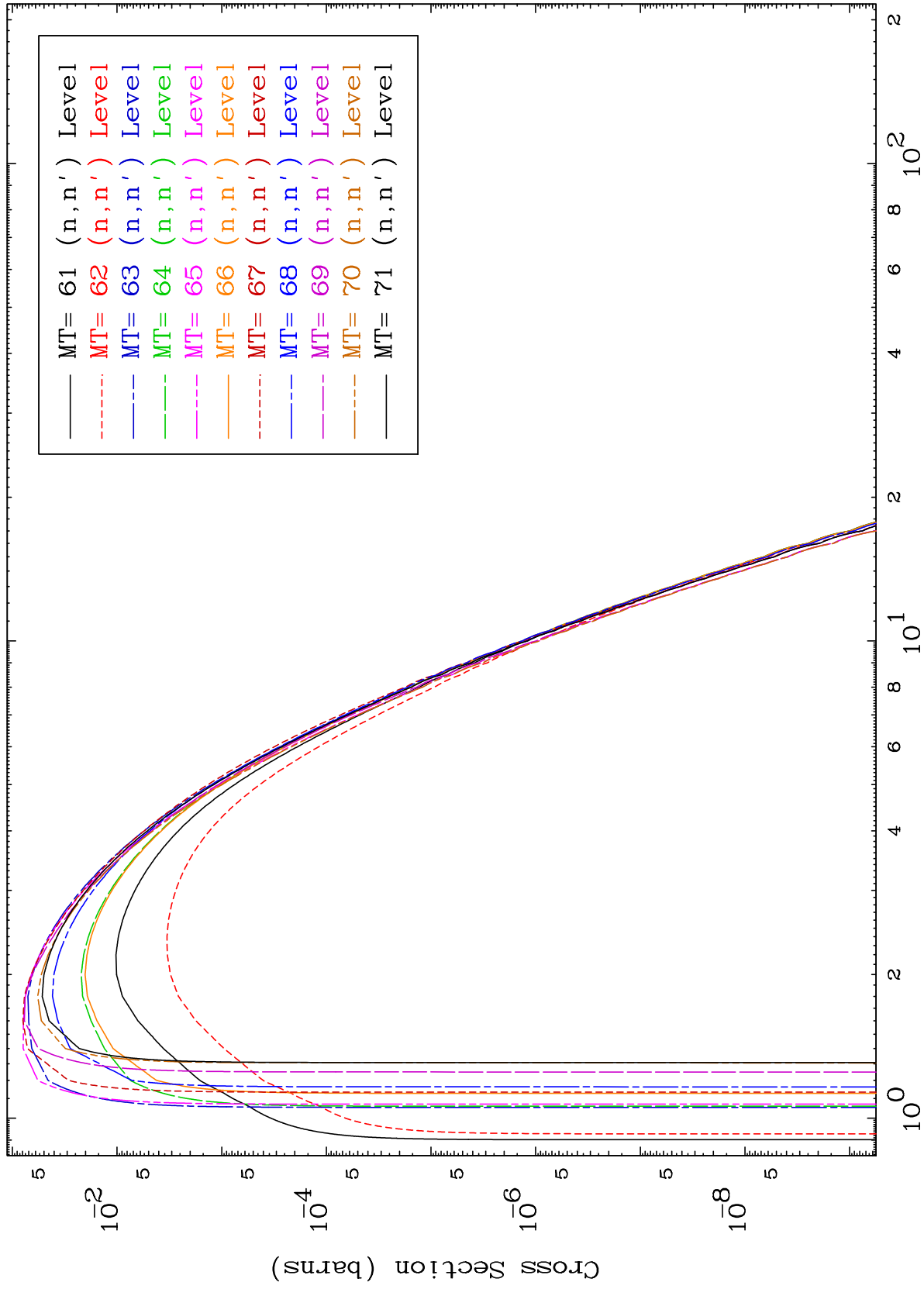


MAT 4938

(n,n') Level

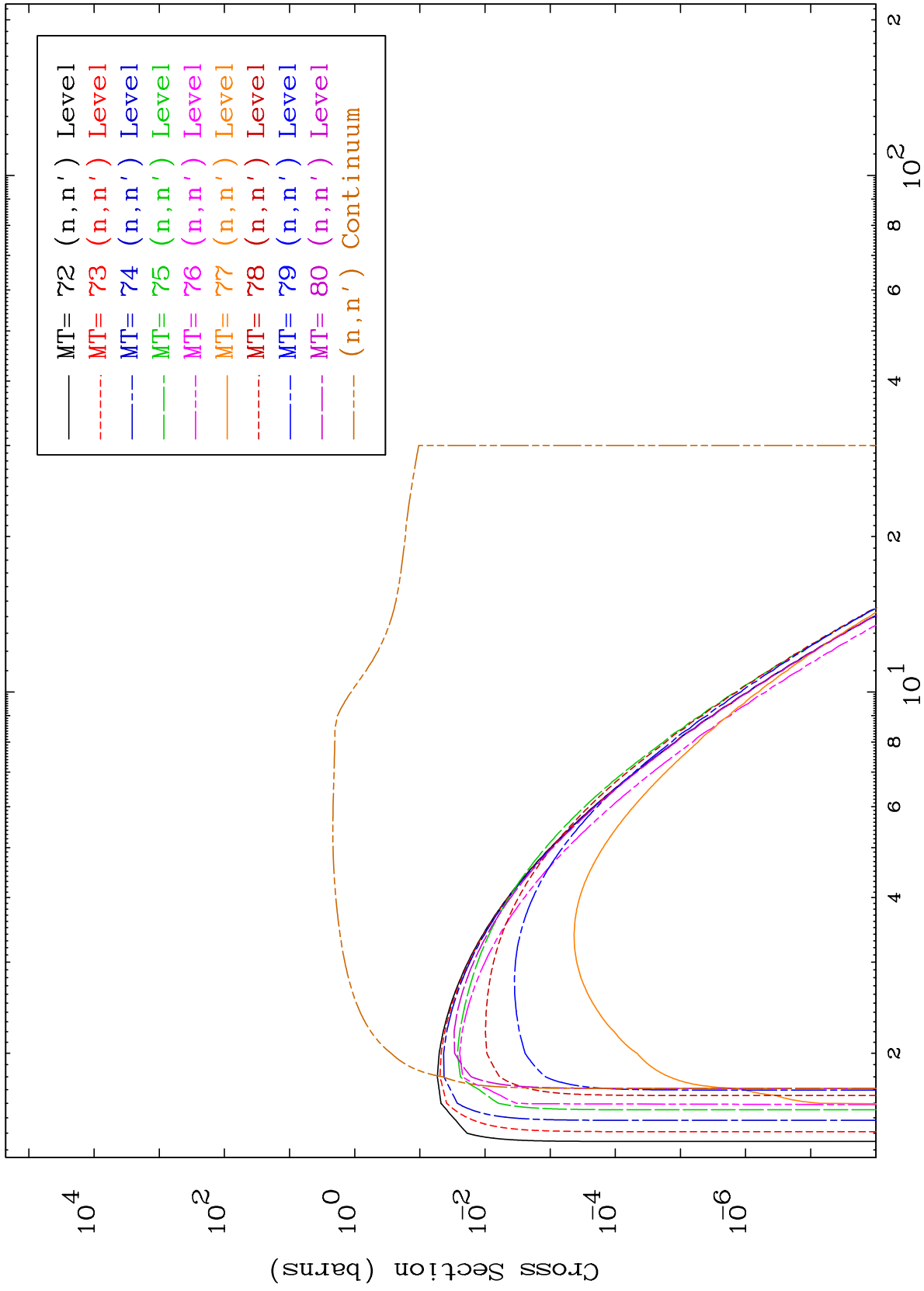
293 Kelvin Cross Sections

49-In-117



Incident Energy (MeV)

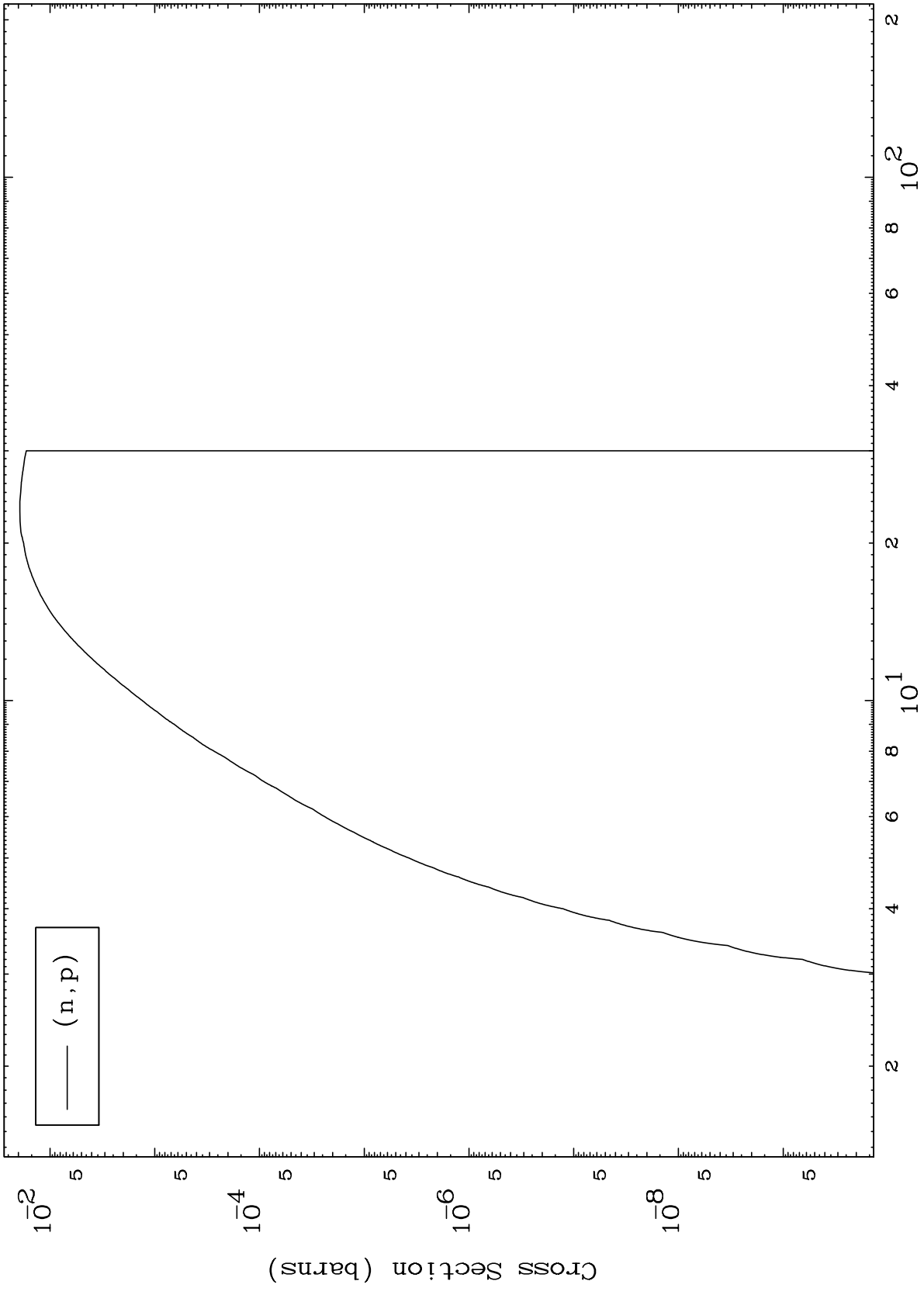
49-In-117



MAT 4938

(n,p) Levels  
293 Kelvin Cross Sections

49-In-117



10

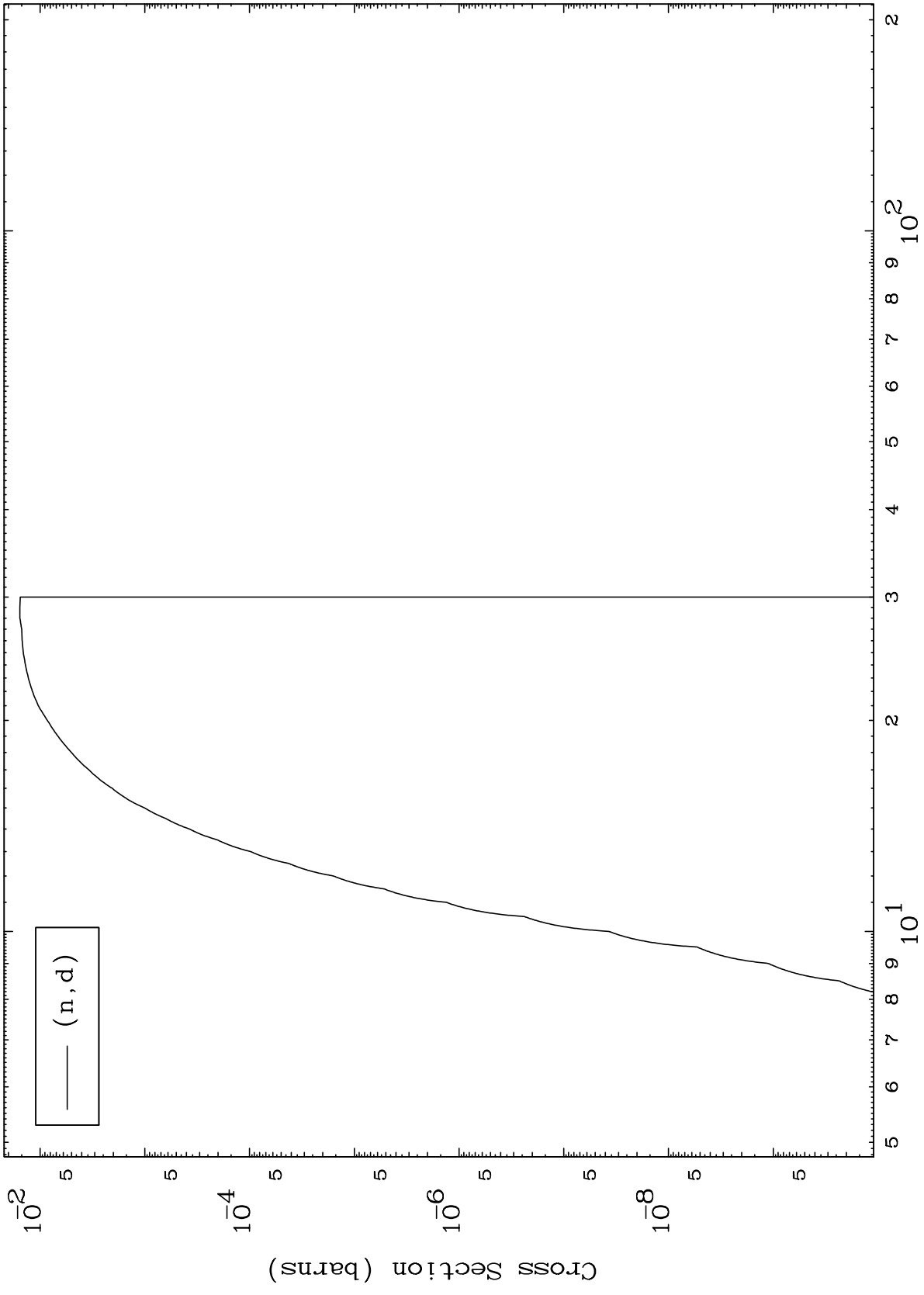
Incident Energy (MeV)

49-In-117

MAT 4938

(n,d) Levels  
293 Kelvin Cross Sections

49-In-117



11

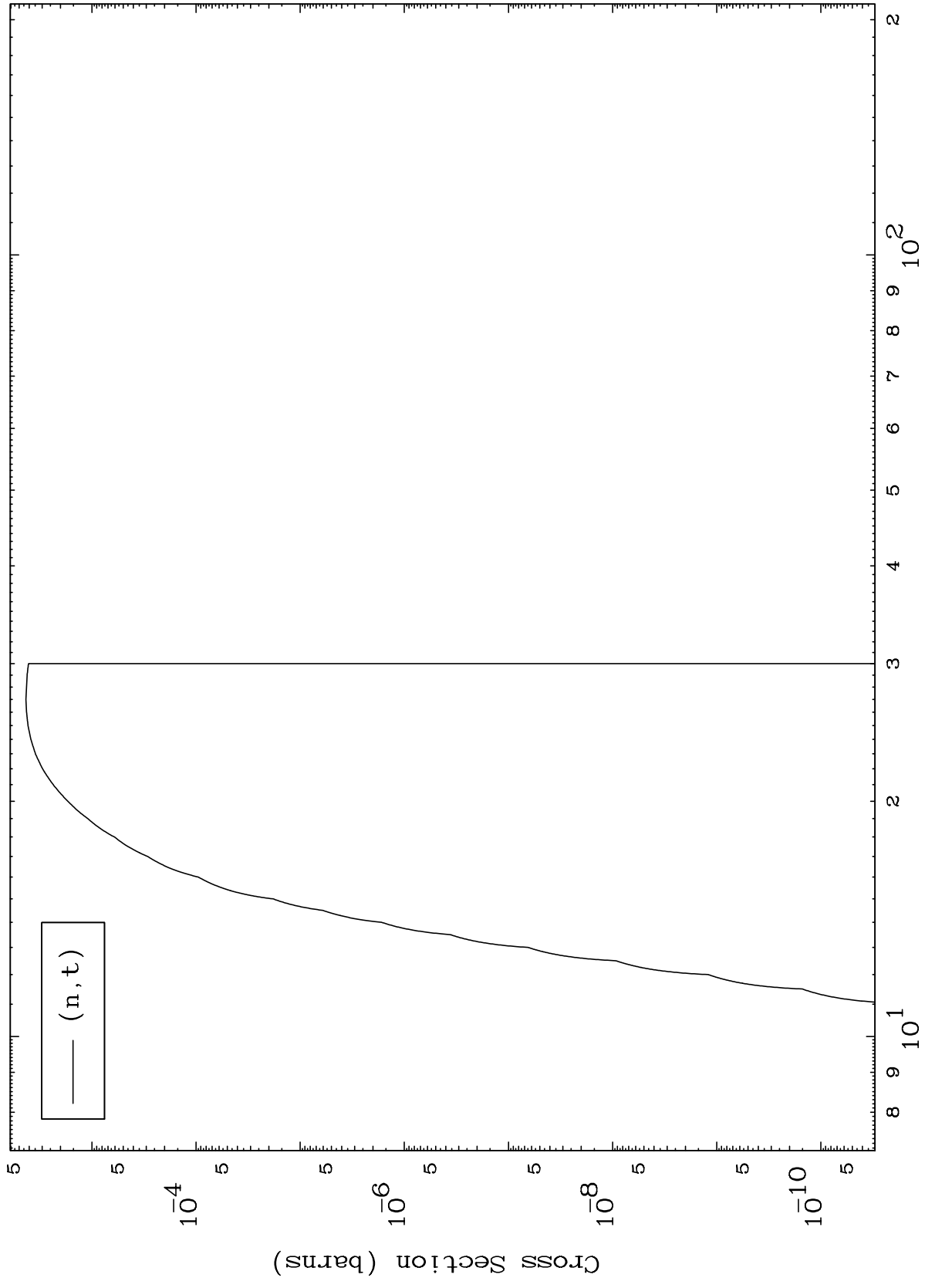
Incident Energy (MeV)

49-In-117

MAT 4938

(n,t) Levels  
293 Kelvin Cross Sections

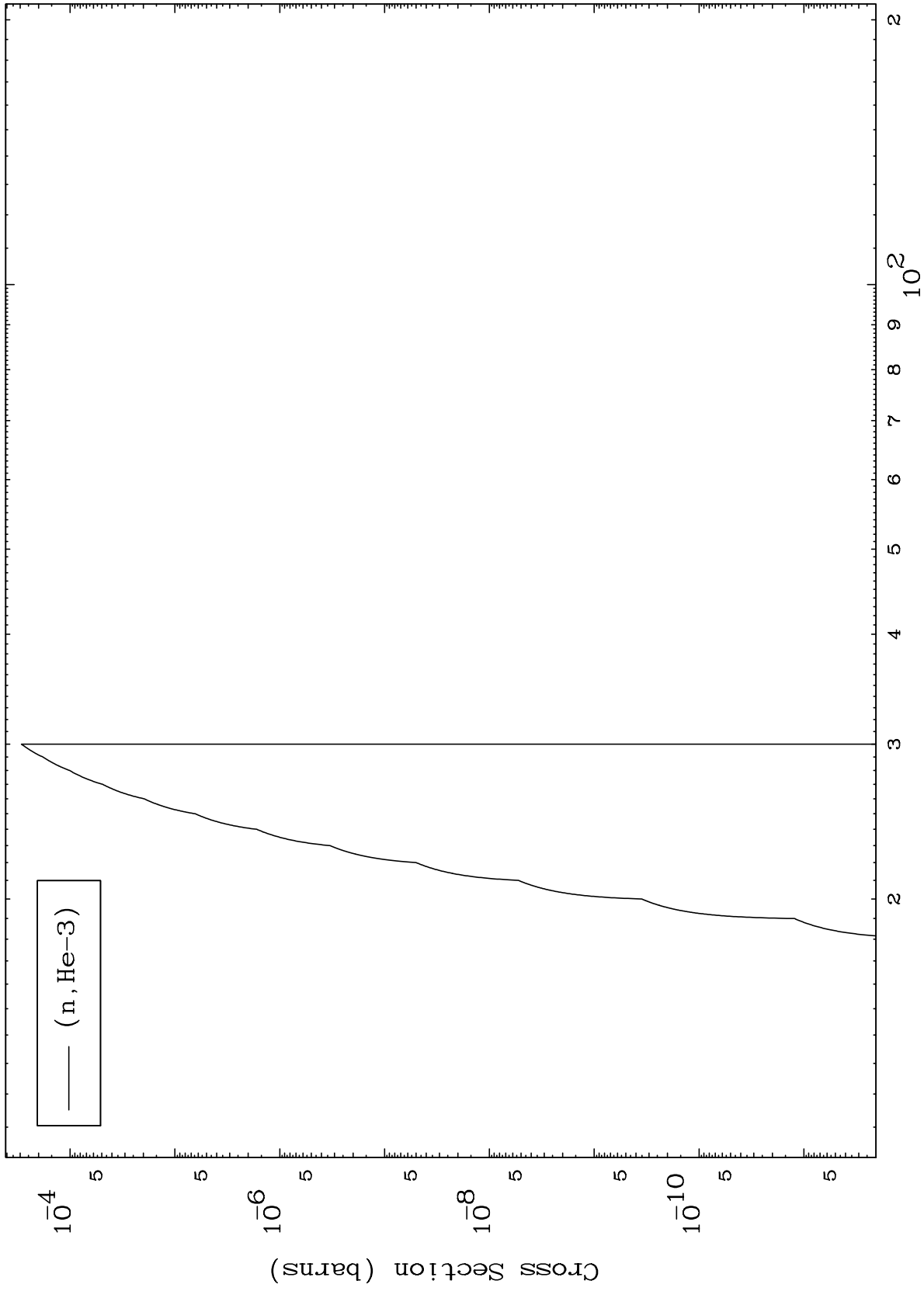
49-In-117



12

Incident Energy (MeV)

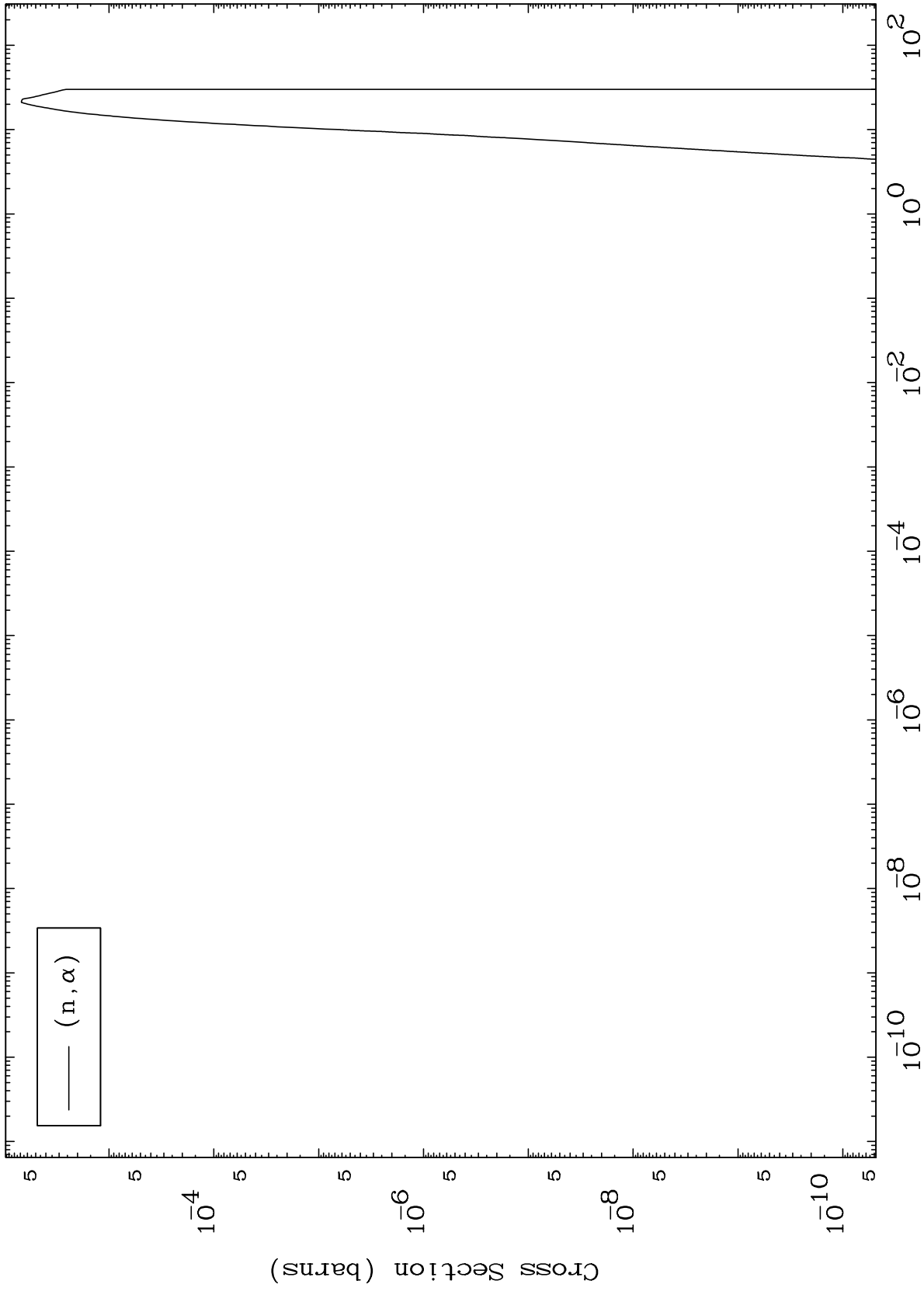
49-In-117



MAT 4938

(n,α) Levels  
293 Kelvin Cross Sections

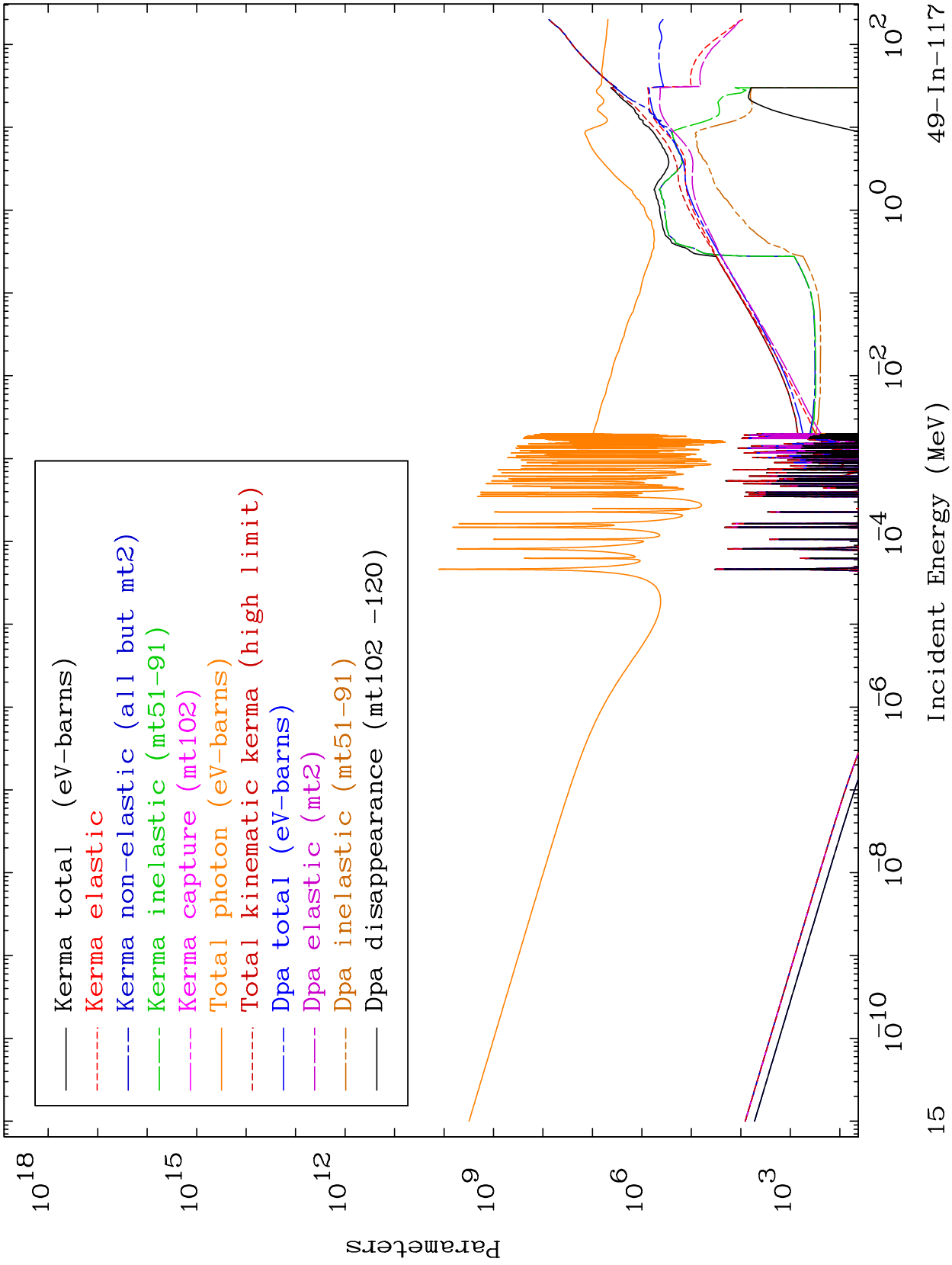
49-In-117



14

Incident Energy (MeV)

49-In-117

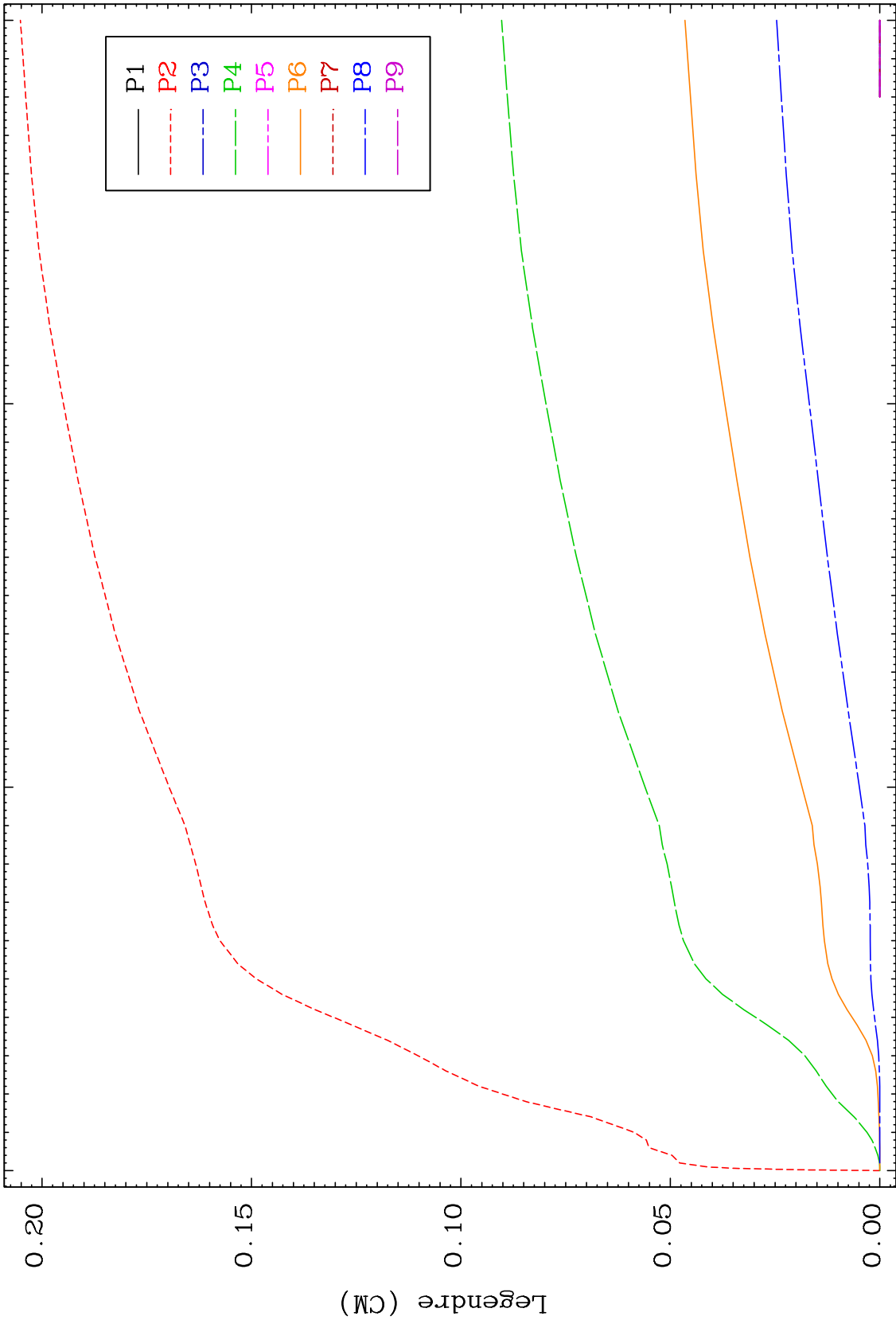




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Elastic Legendre Coefficients

49-In-117



49-In-117

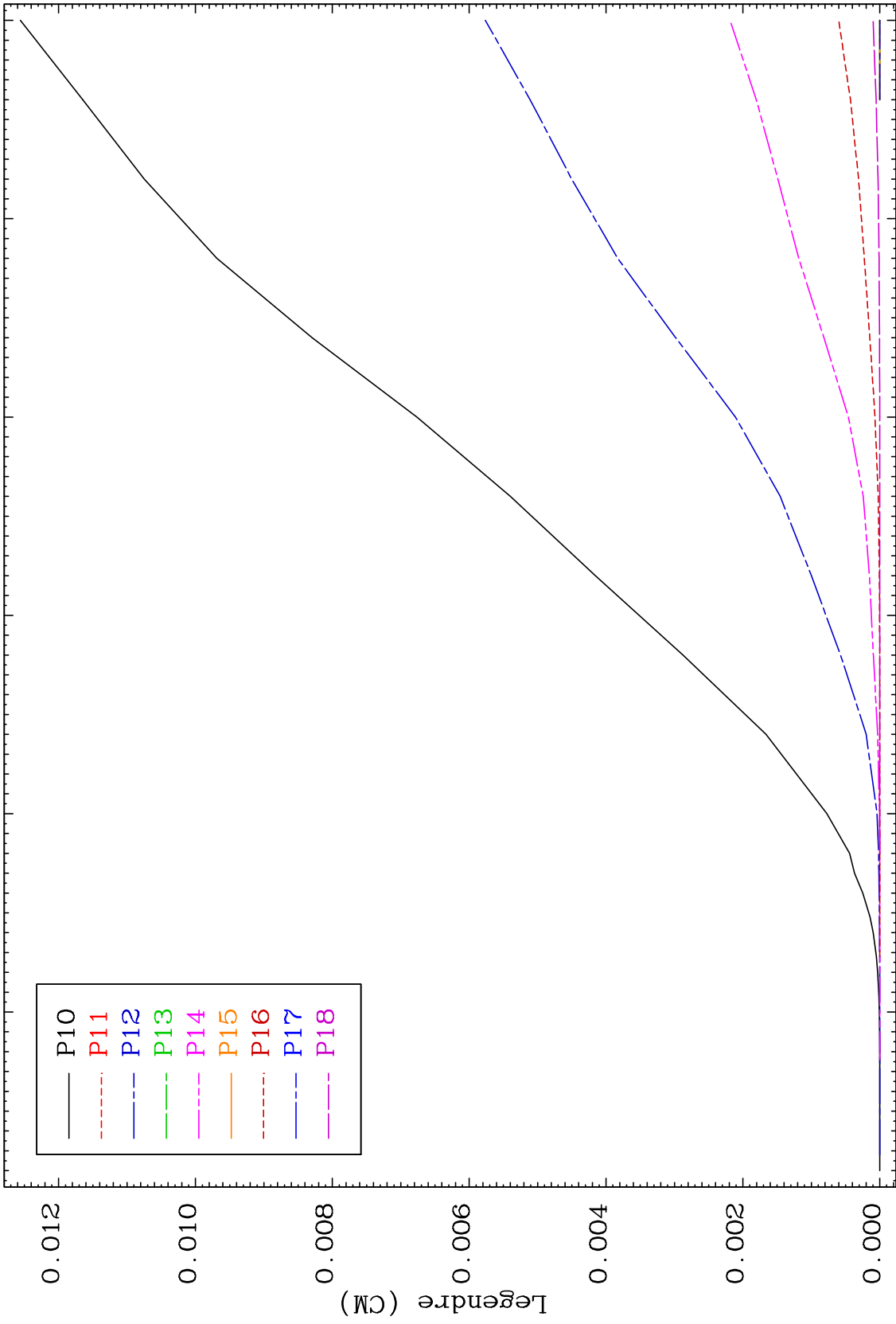
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

49-In-117



17

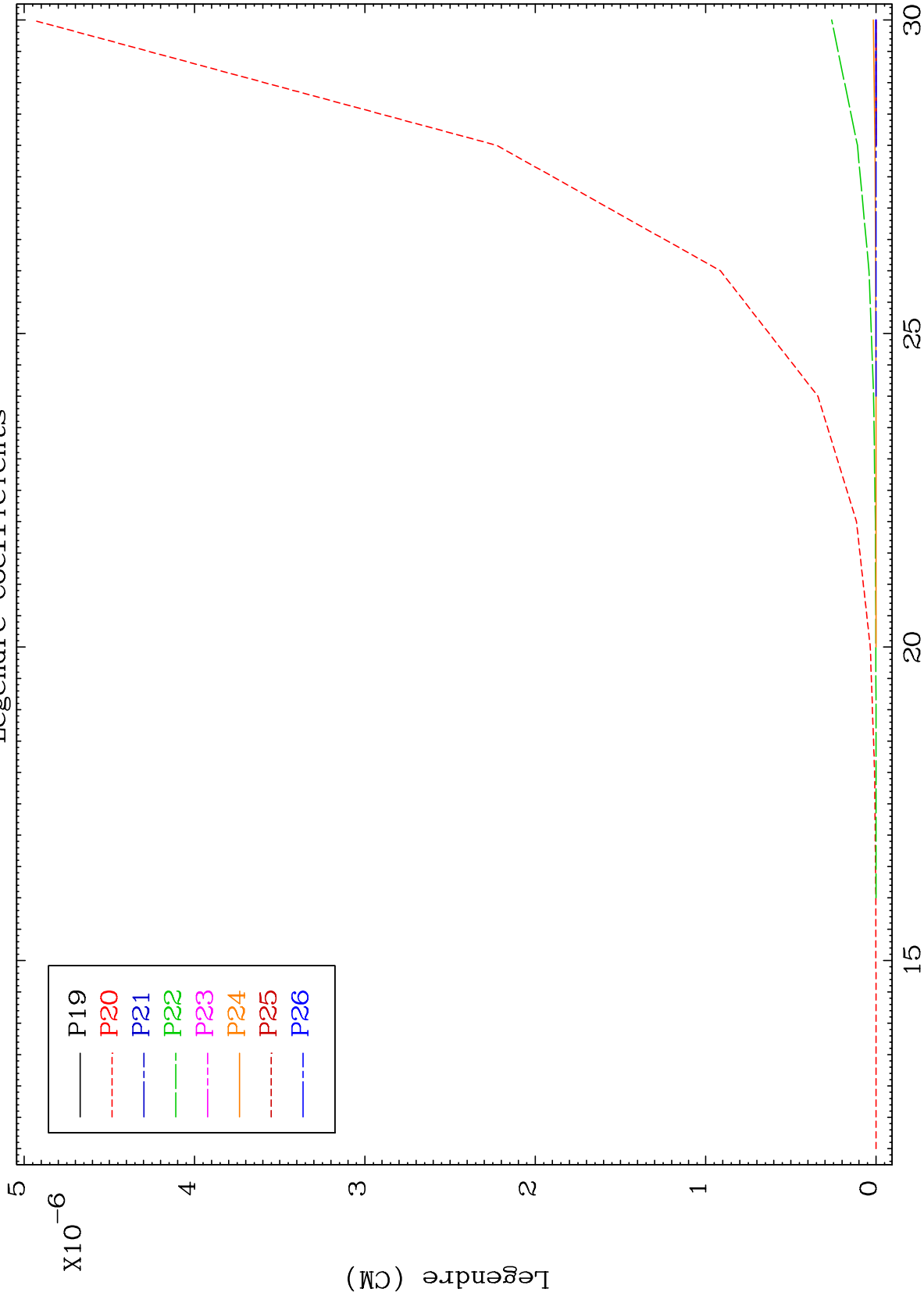
Incident Energy (MeV)

49-In-117

MAT 4938

Elastic Legendre Coefficients

49-In-117



18

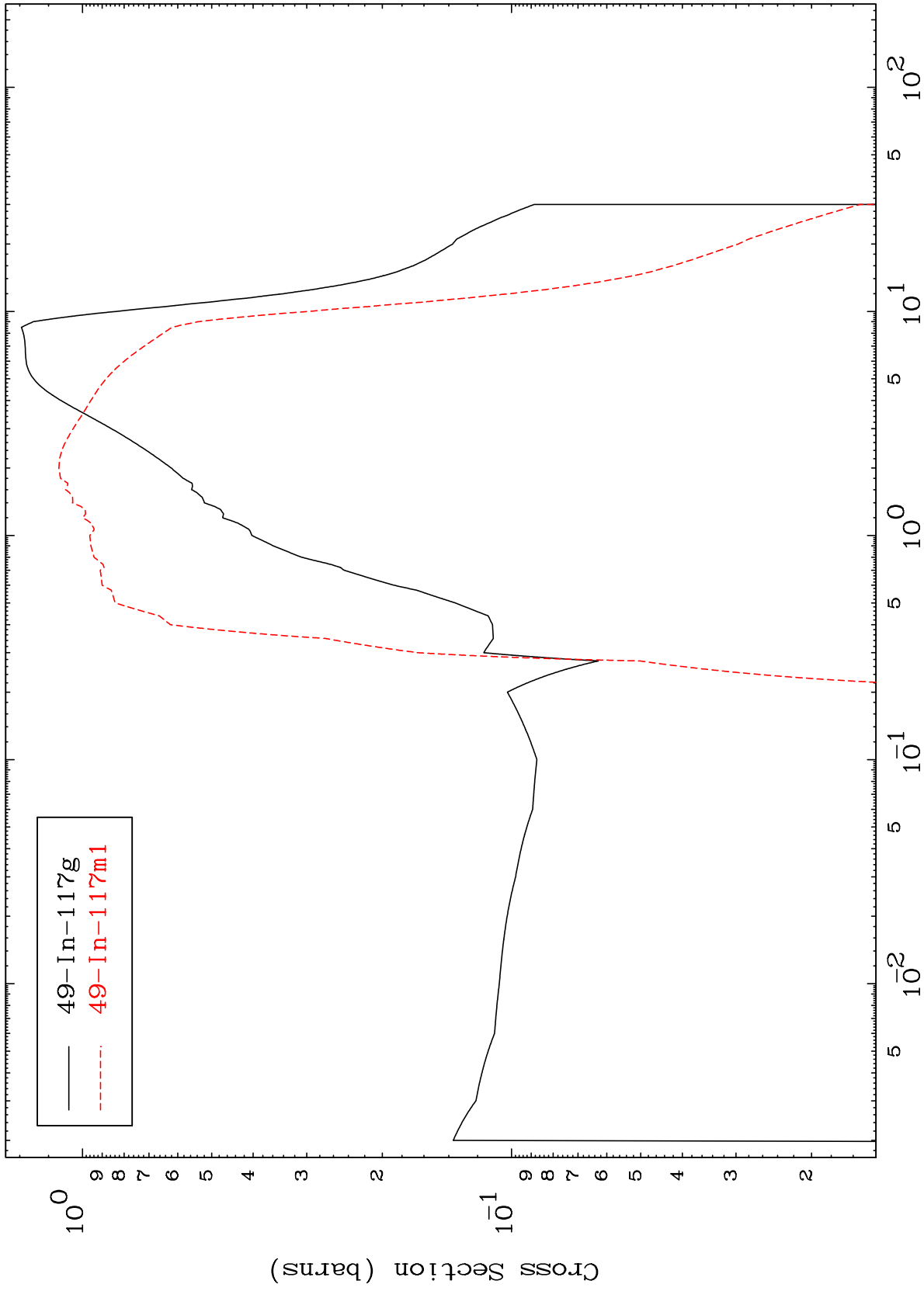
Incident Energy (MeV)

49-In-117

MAT 4938

49-In-117

Inelastic  
Radionuclide Production Cross Section



19

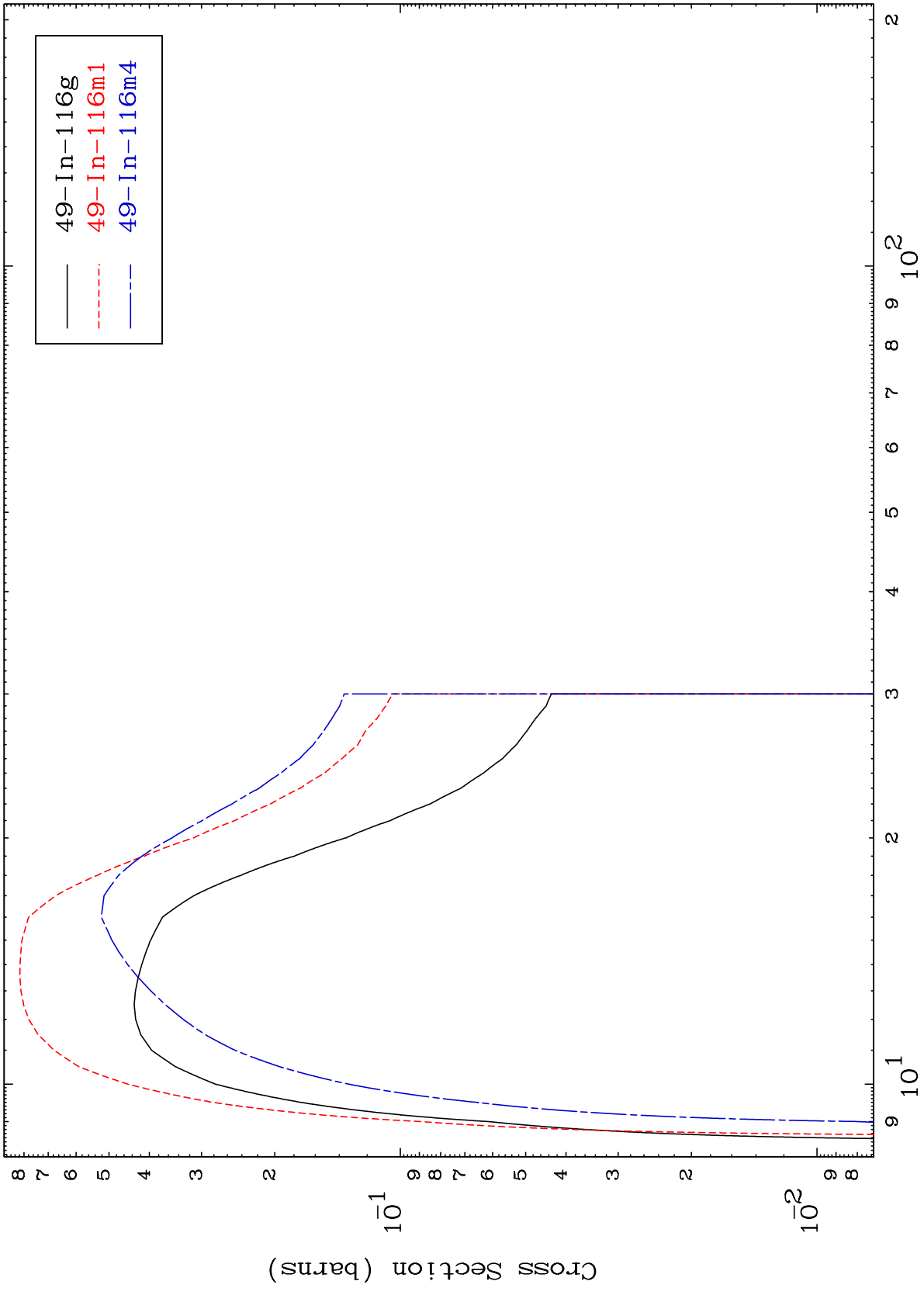
49-In-117

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(n,2n)

49-In-117

Radionuclide Production Cross Section



49-In-116g  
49-In-116m1  
49-In-116m4

20

Incident Energy (MeV)

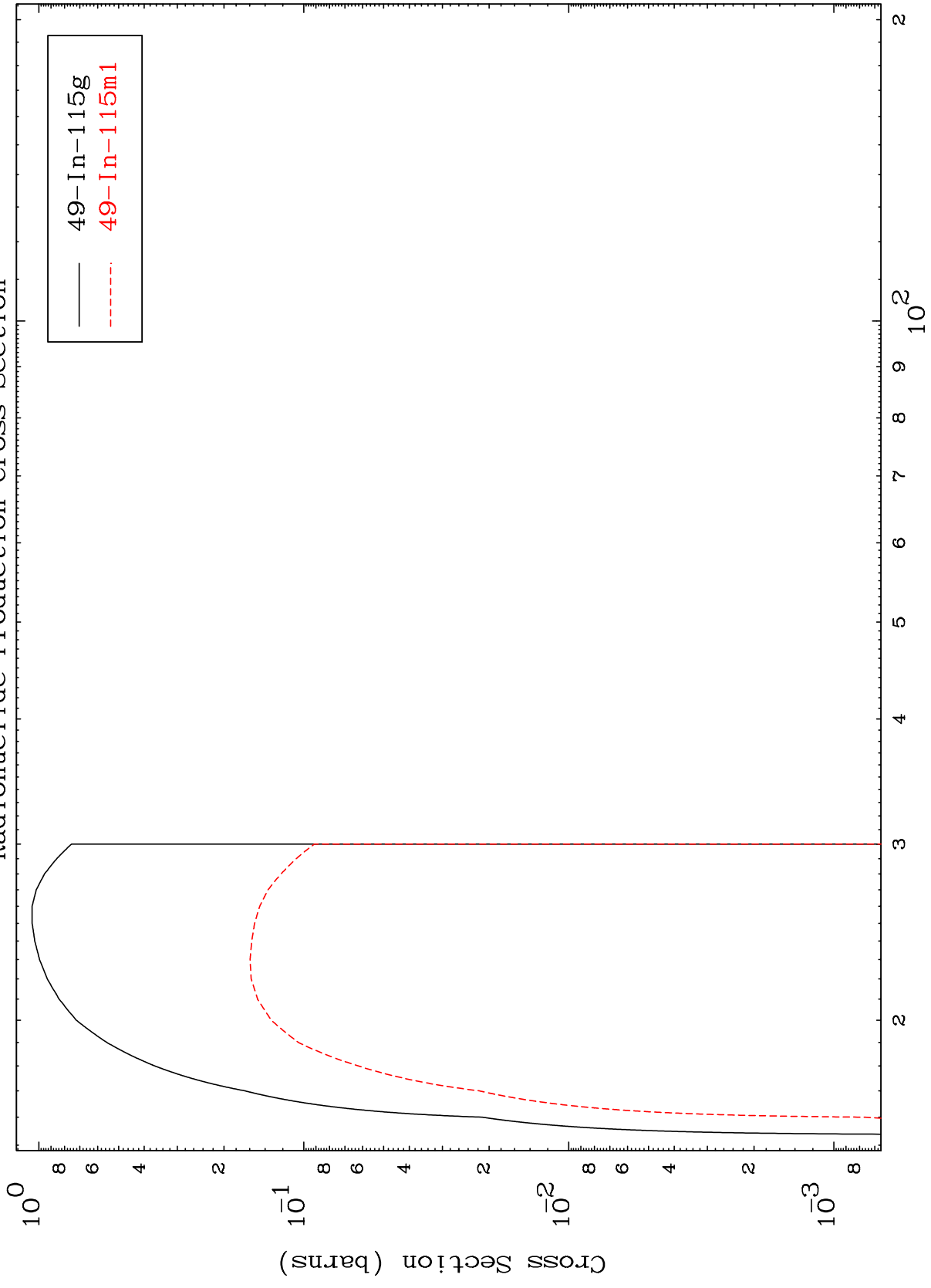
49-In-117

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(n,3n)

49-In-117

Radionuclide Production Cross Section



21

Incident Energy (MeV)

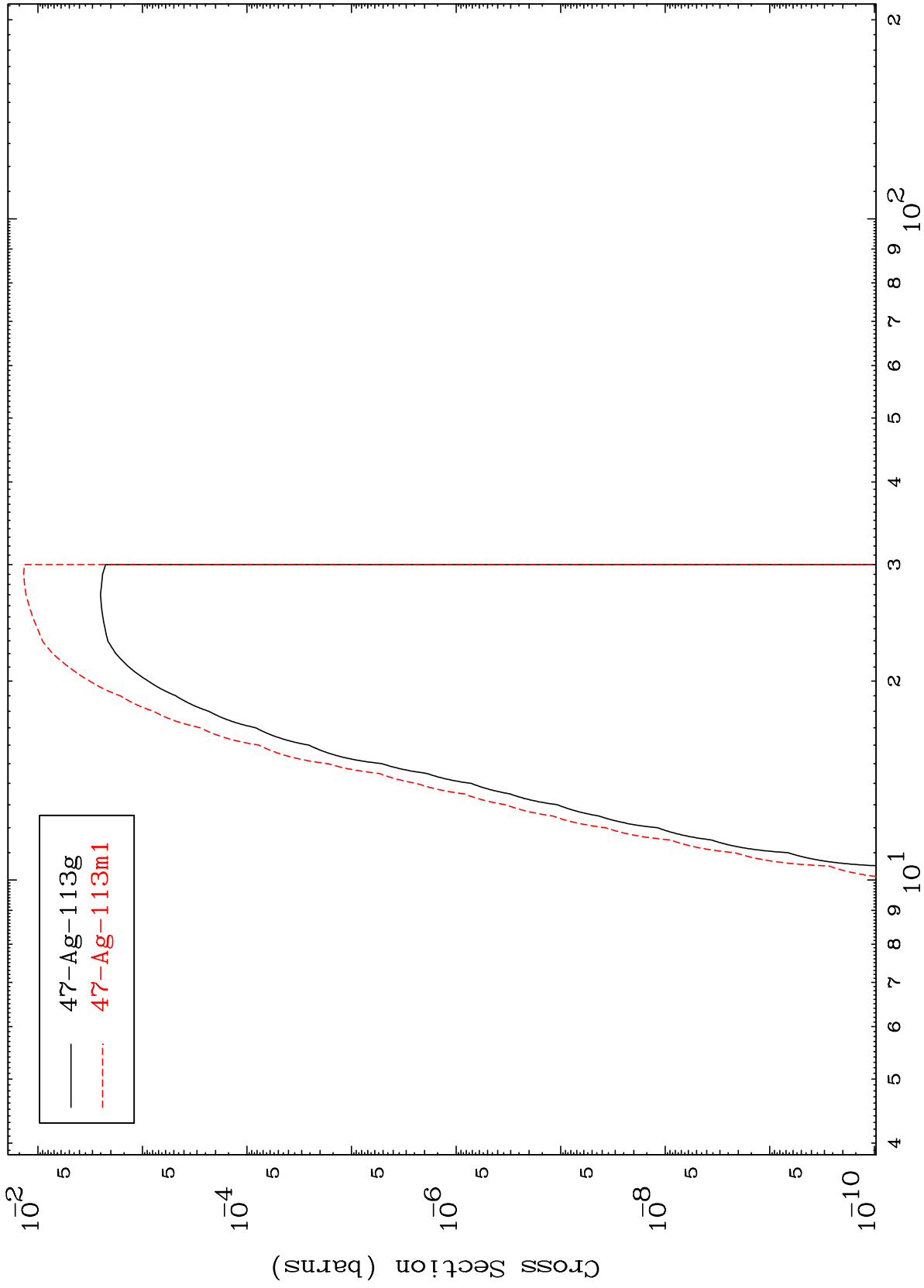
49-In-117

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(n,n')  $\alpha$

49-In-117

Radionuclide Production Cross Section



22

Incident Energy (MeV)

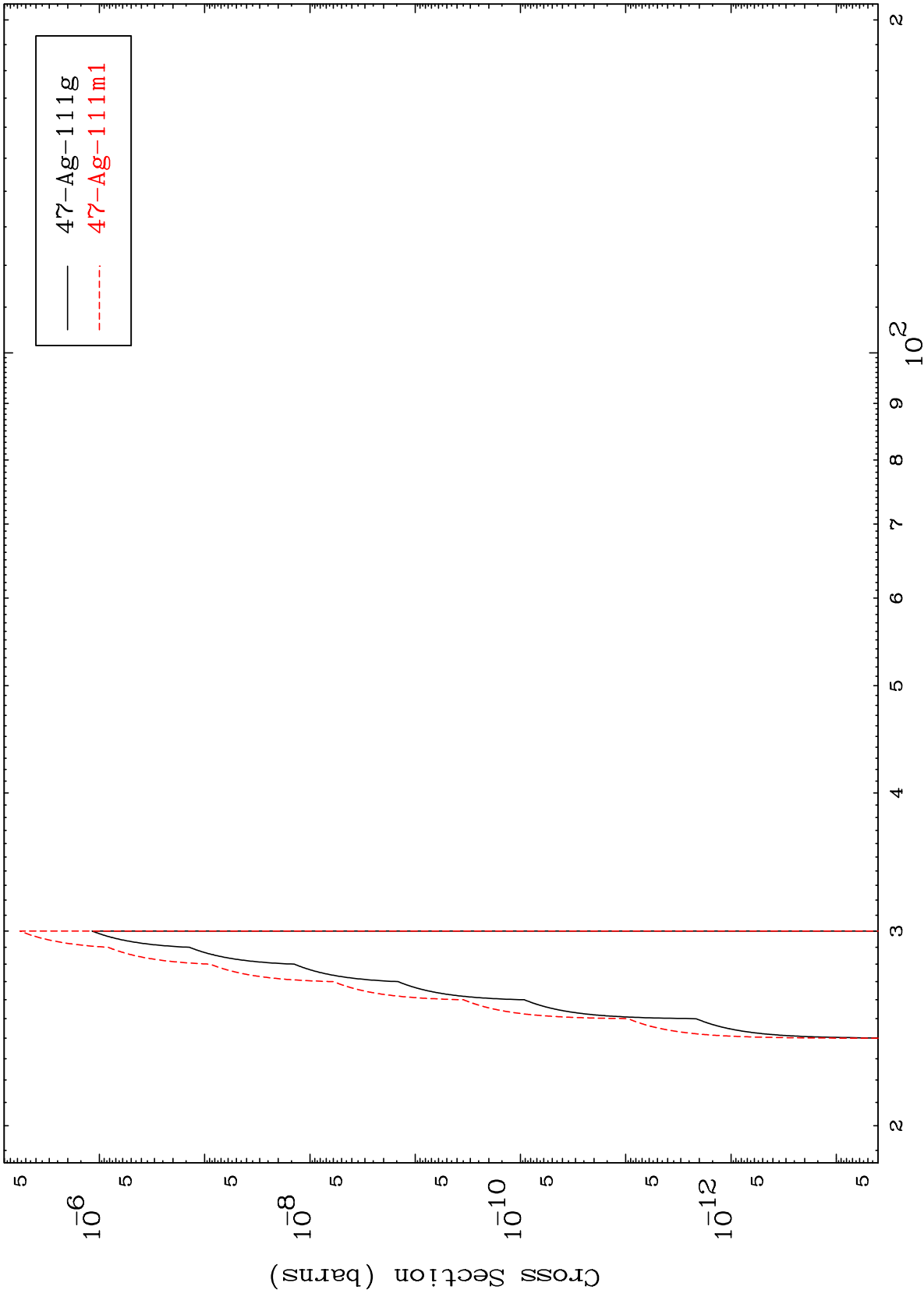
49-In-117

MAT 4938

(n,3n)  $\alpha$

49-In-117

Radionuclide Production Cross Section



23

Incident Energy (MeV)

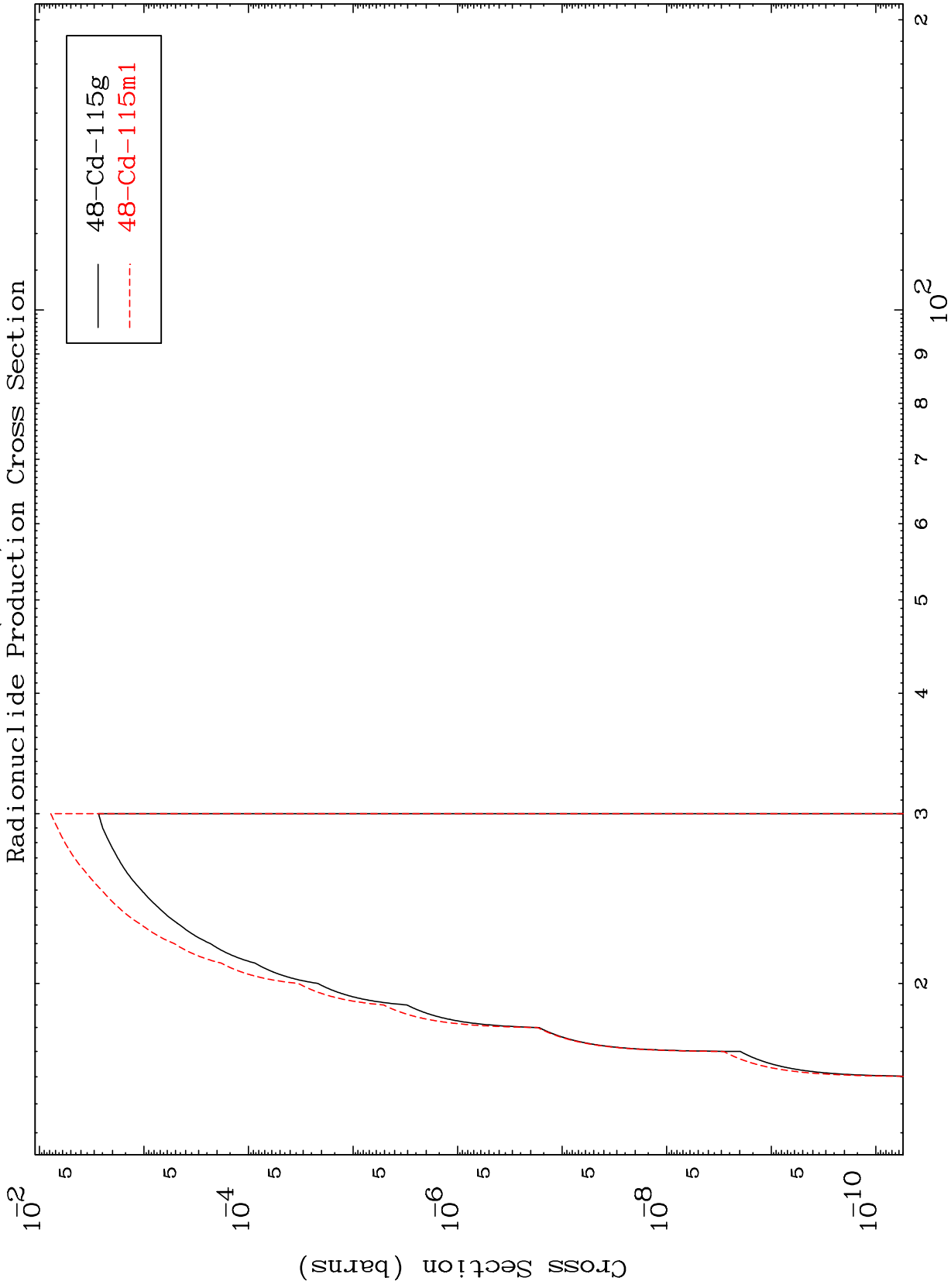
49-In-117



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(n,n') d

49-In-117



24

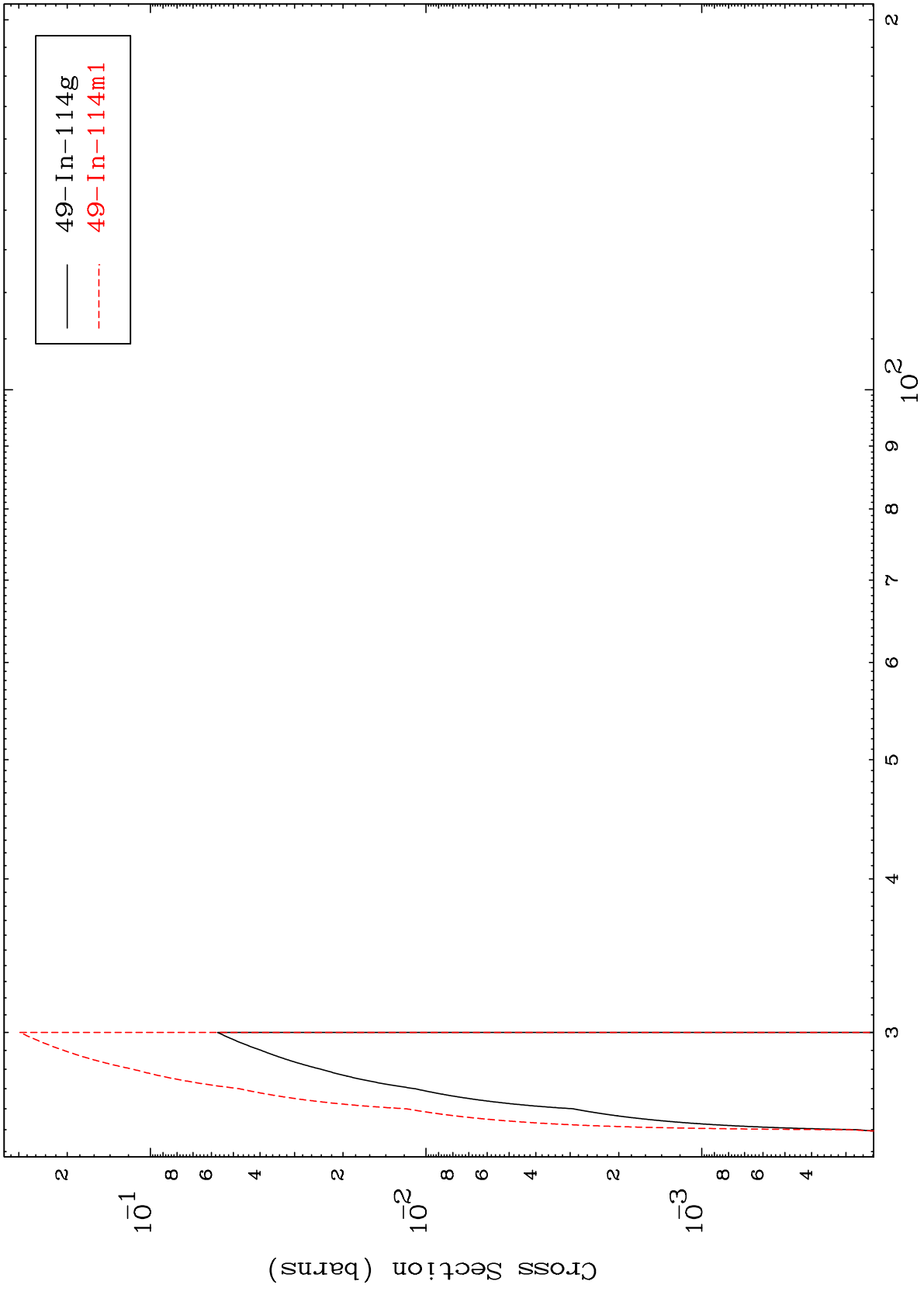
49-In-117

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(n,4n)

49-In-117

Radionuclide Production Cross Section



49-In-114g  
49-In-114m1

25

Incident Energy (MeV)

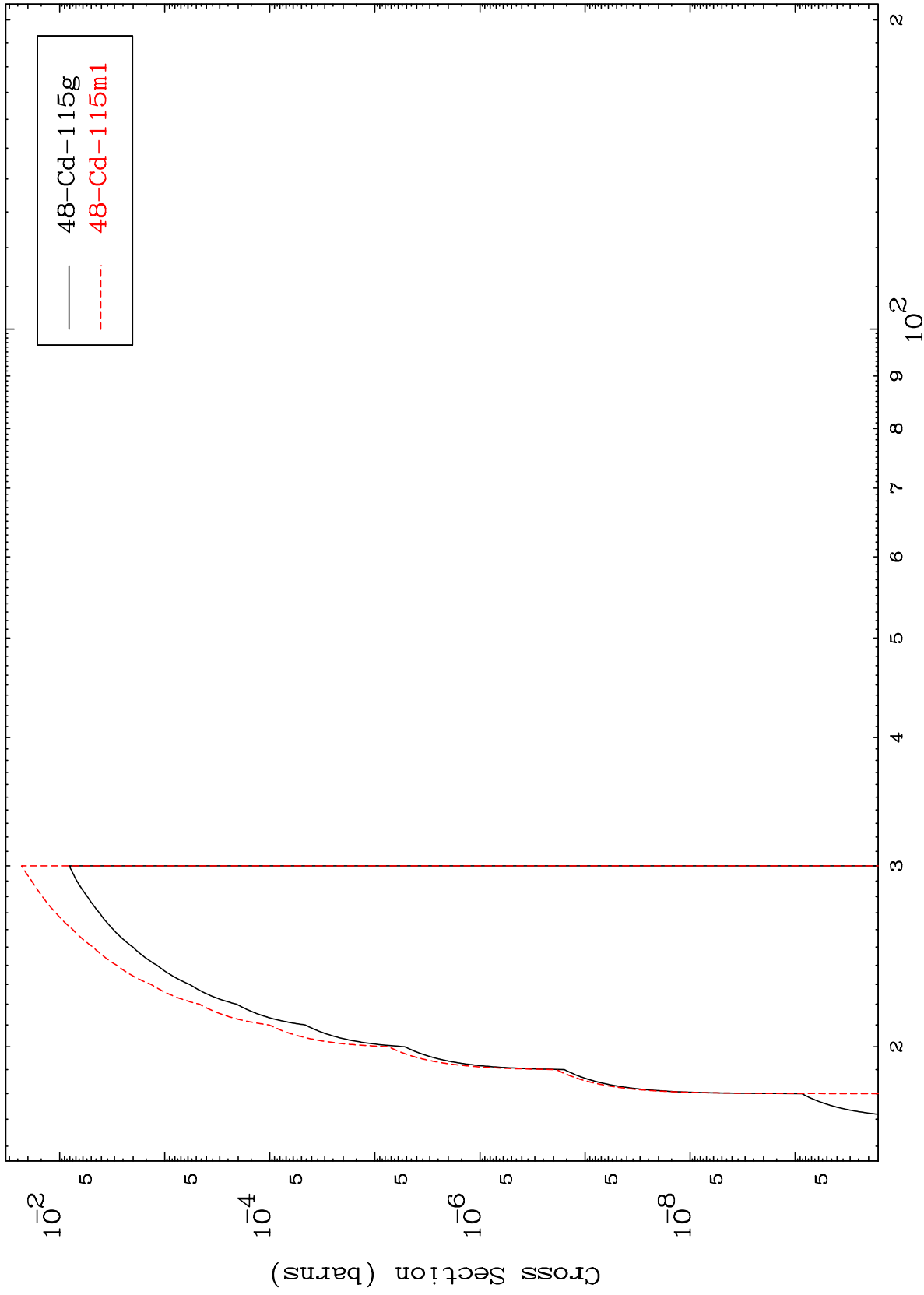
49-In-117

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(n,2n) p

49-In-117

Radionuclide Production Cross Section



26

Incident Energy (MeV)

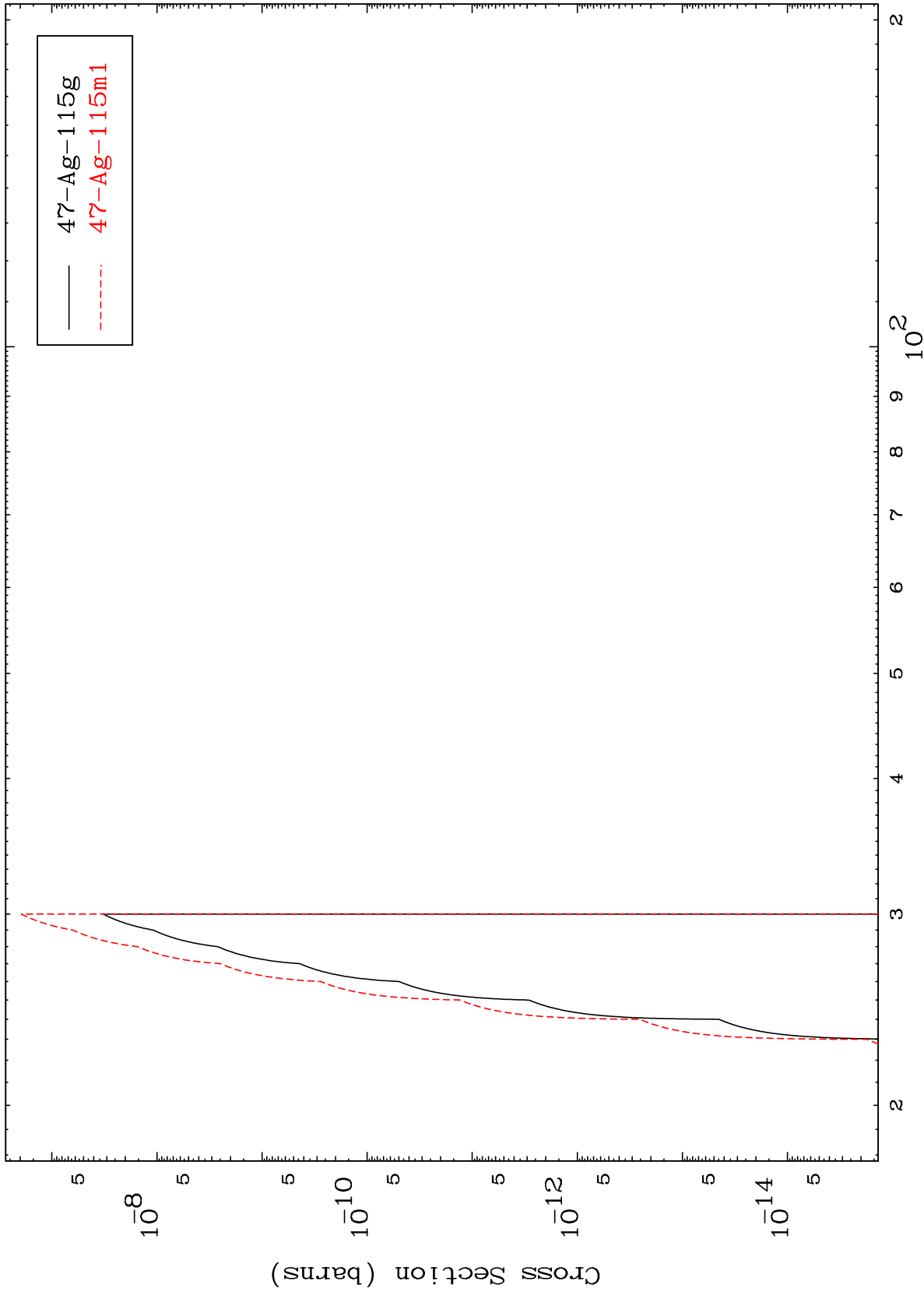
49-In-117

MAT 4938

(n,2n) p

49-In-117

Radionuclide Production Cross Section



27

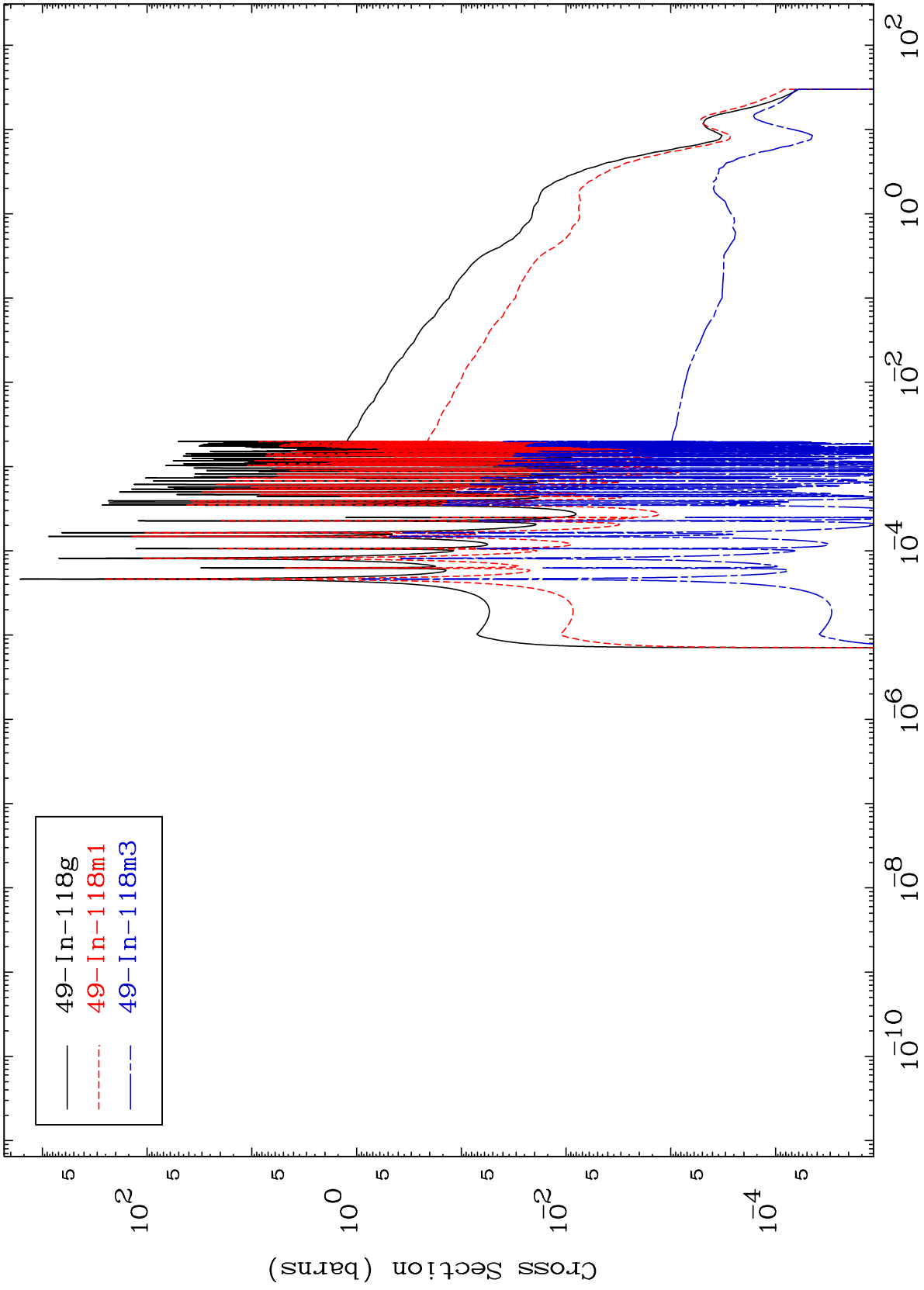
Incident Energy (MeV)

49-In-117

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49-In-117

(n,γ)  
Radionuclide Production Cross Section



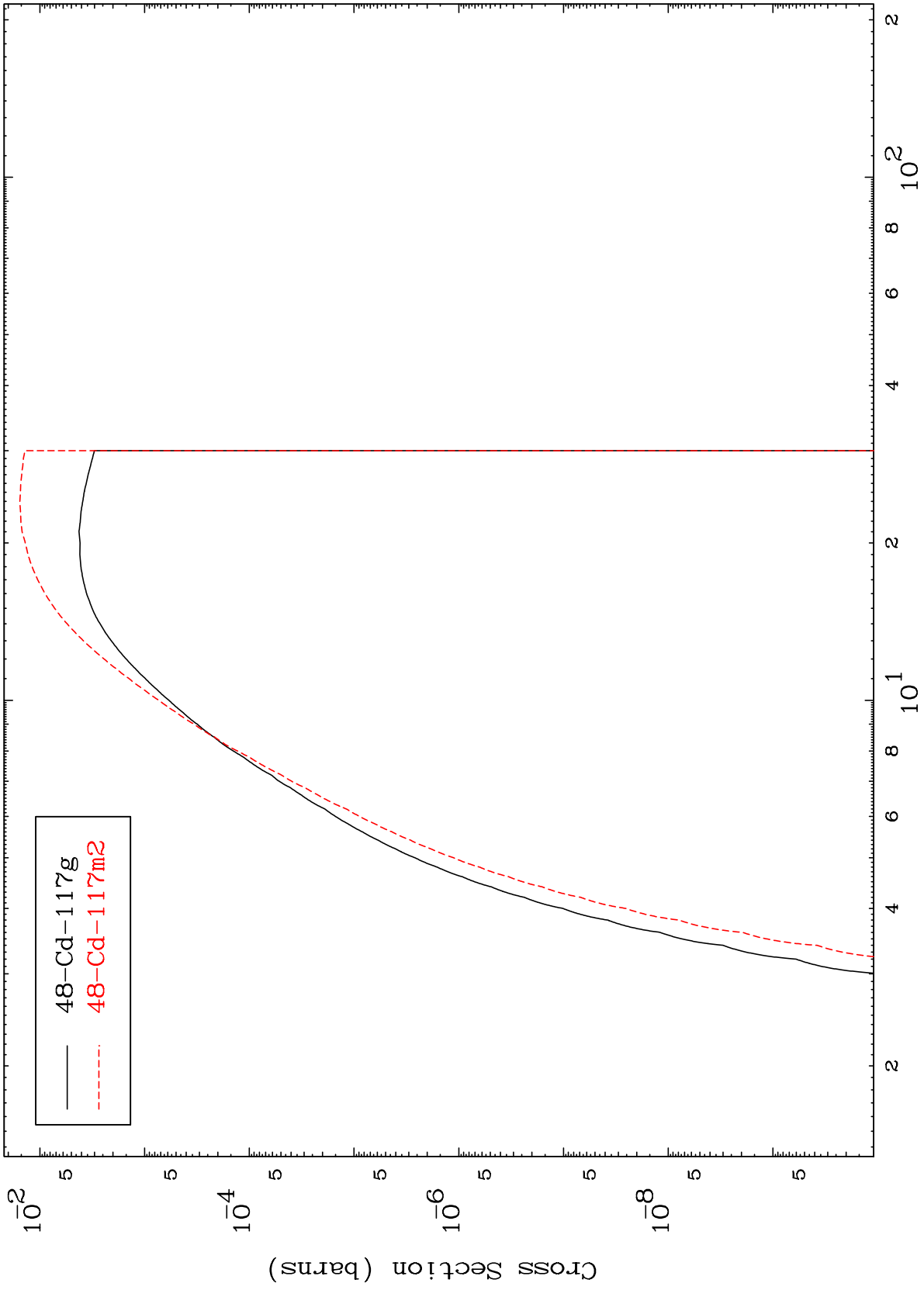
28

49-In-117

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49-In-117

(n,p)  
Radionuclide Production Cross Section



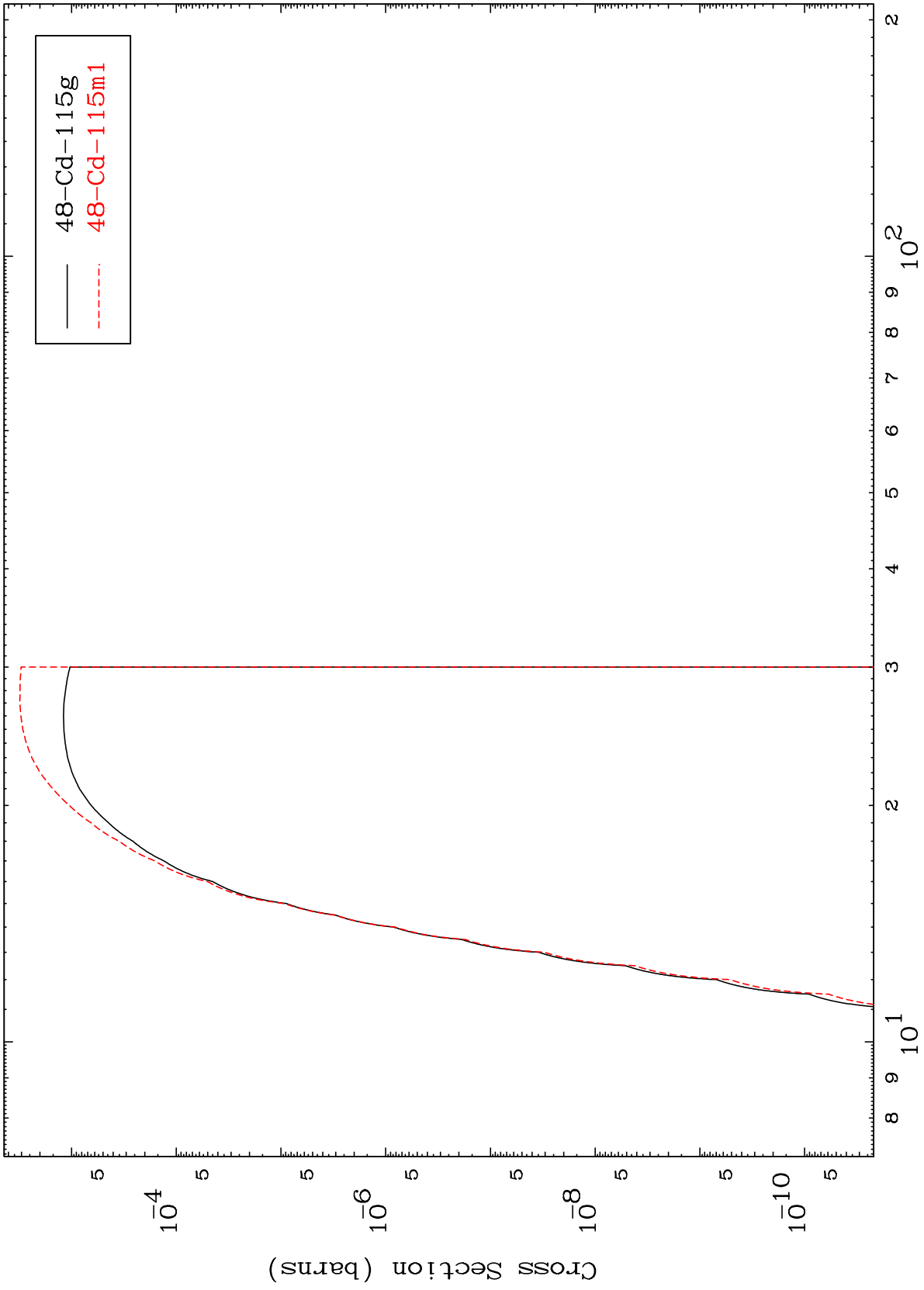
29

49-In-117

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49-In-117

(n, t)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

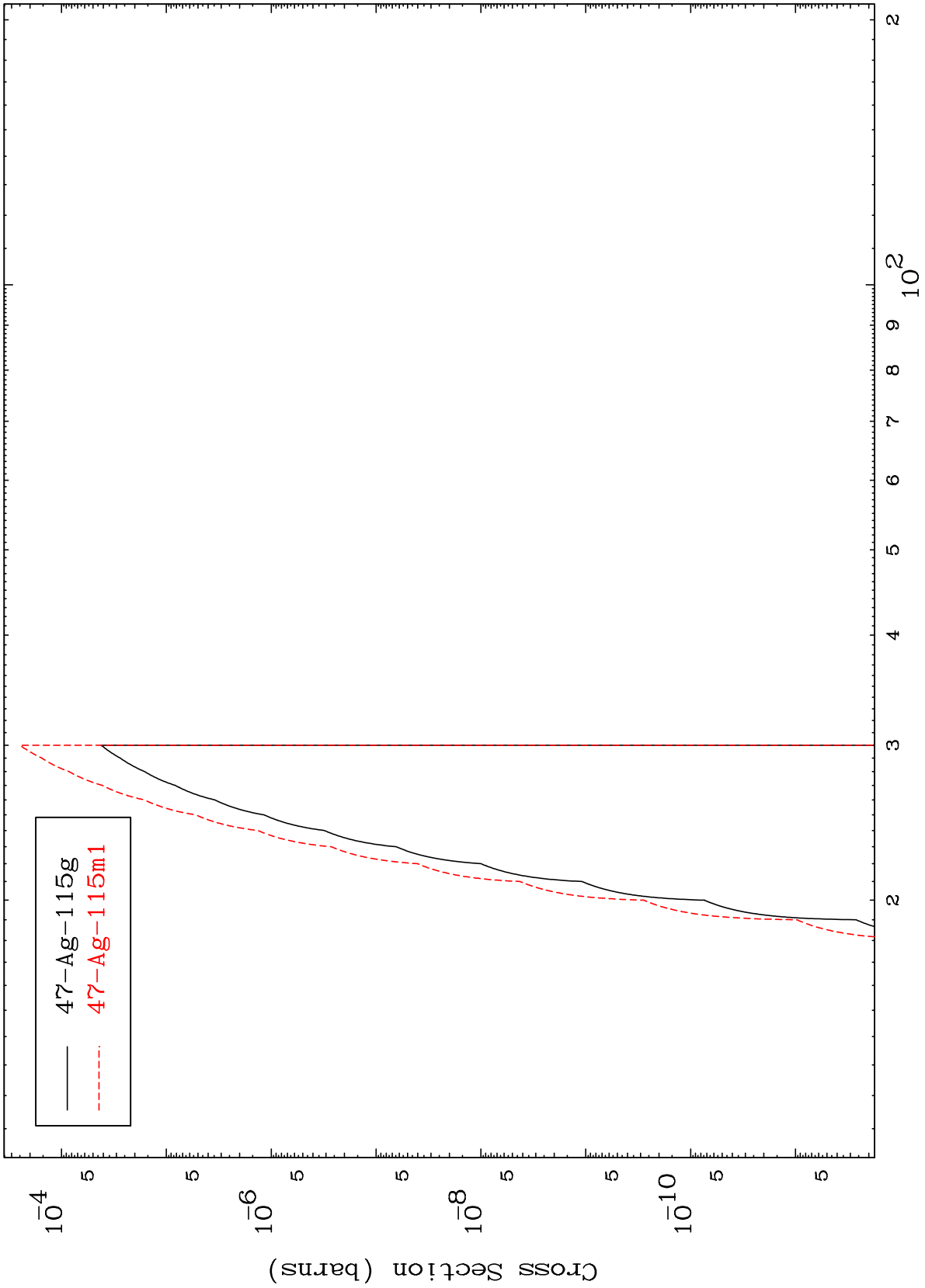
49-In-117

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(n, He-3)

49-In-117

Radionuclide Production Cross Section



31

Incident Energy (MeV)

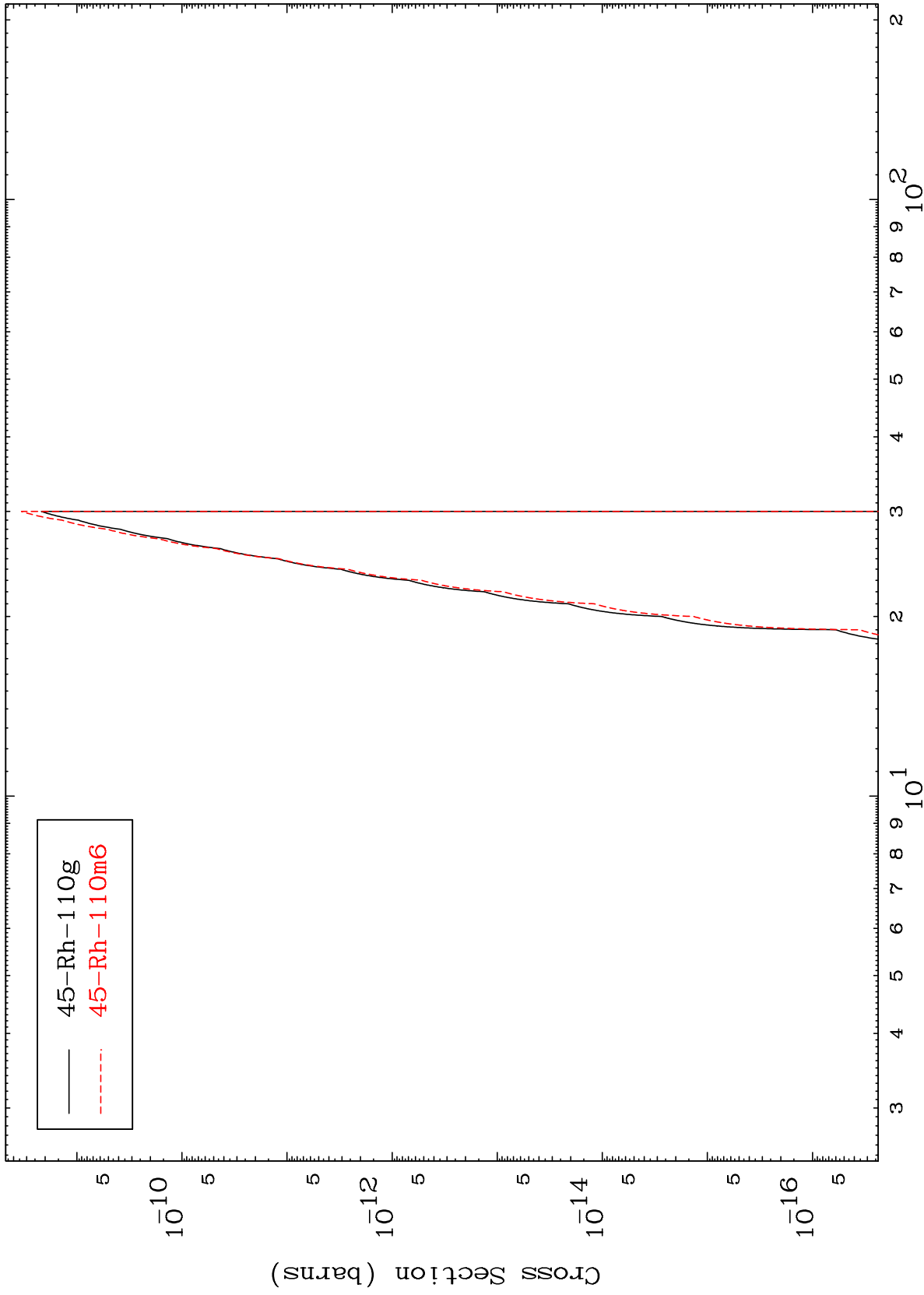
49-In-117



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49-In-117

Radionuclide Production Cross Section



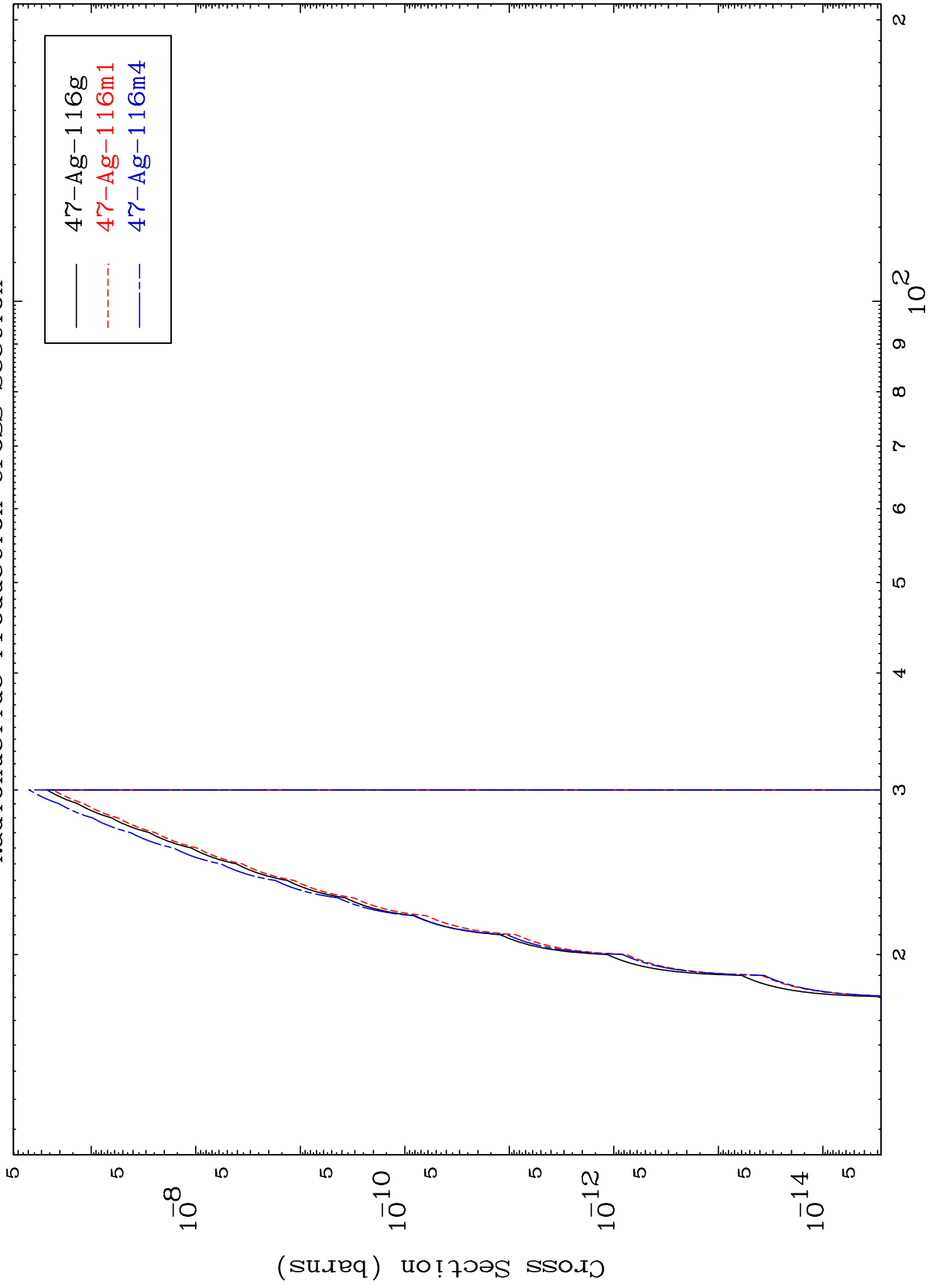
32

49-In-117

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49-In-117

(n,2p)  
Radionuclide Production Cross Section



33

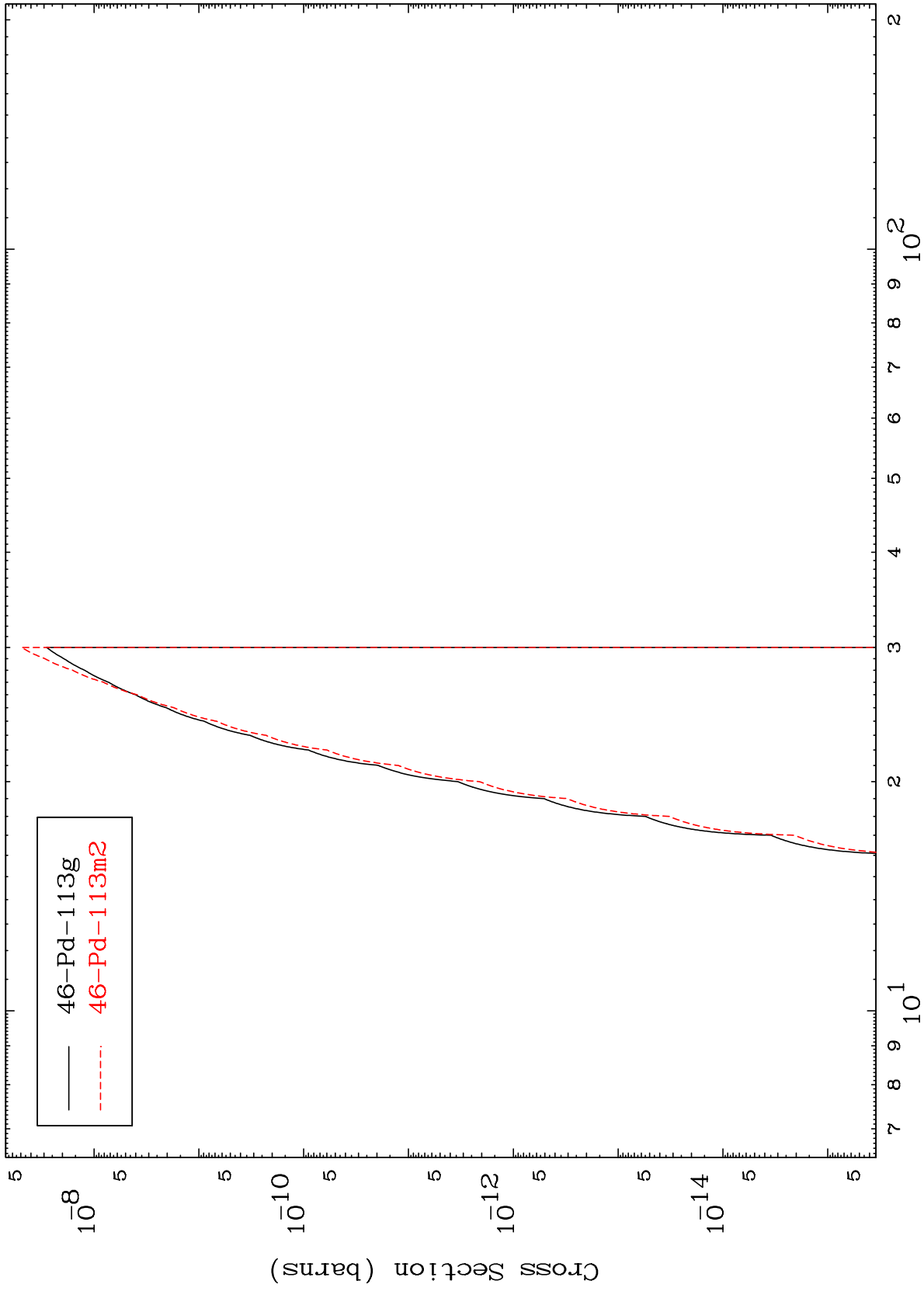
49-In-117

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(n,p)  $\alpha$

49-In-117

Radionuclide Production Cross Section



34

Incident Energy (MeV)

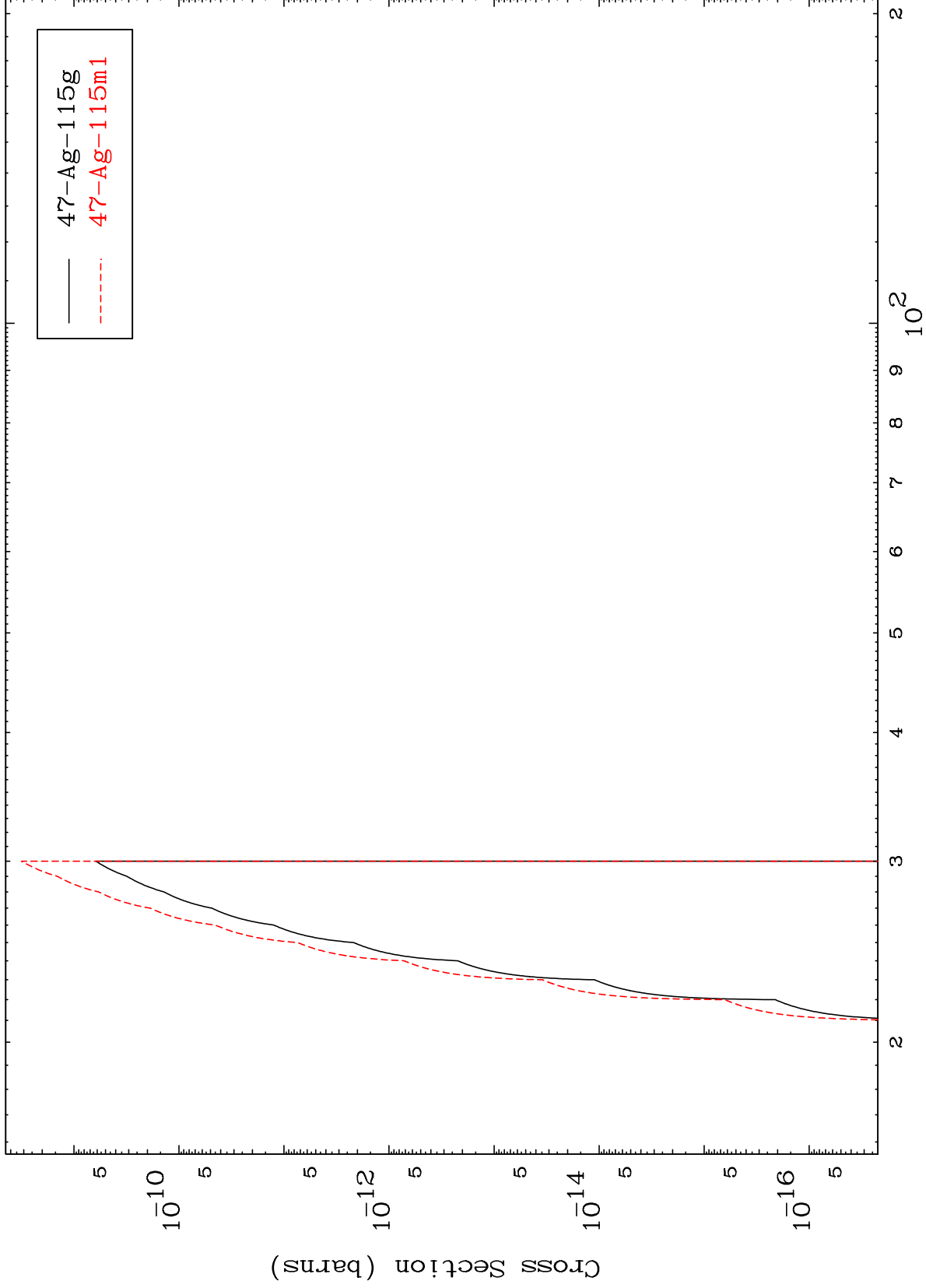
49-In-117

MAT 4938

(n,p) d

49-In-117

Radionuclide Production Cross Section



35

Incident Energy (MeV)

49-In-117