

Program EVALPLOT
(Version 2018-1)

by

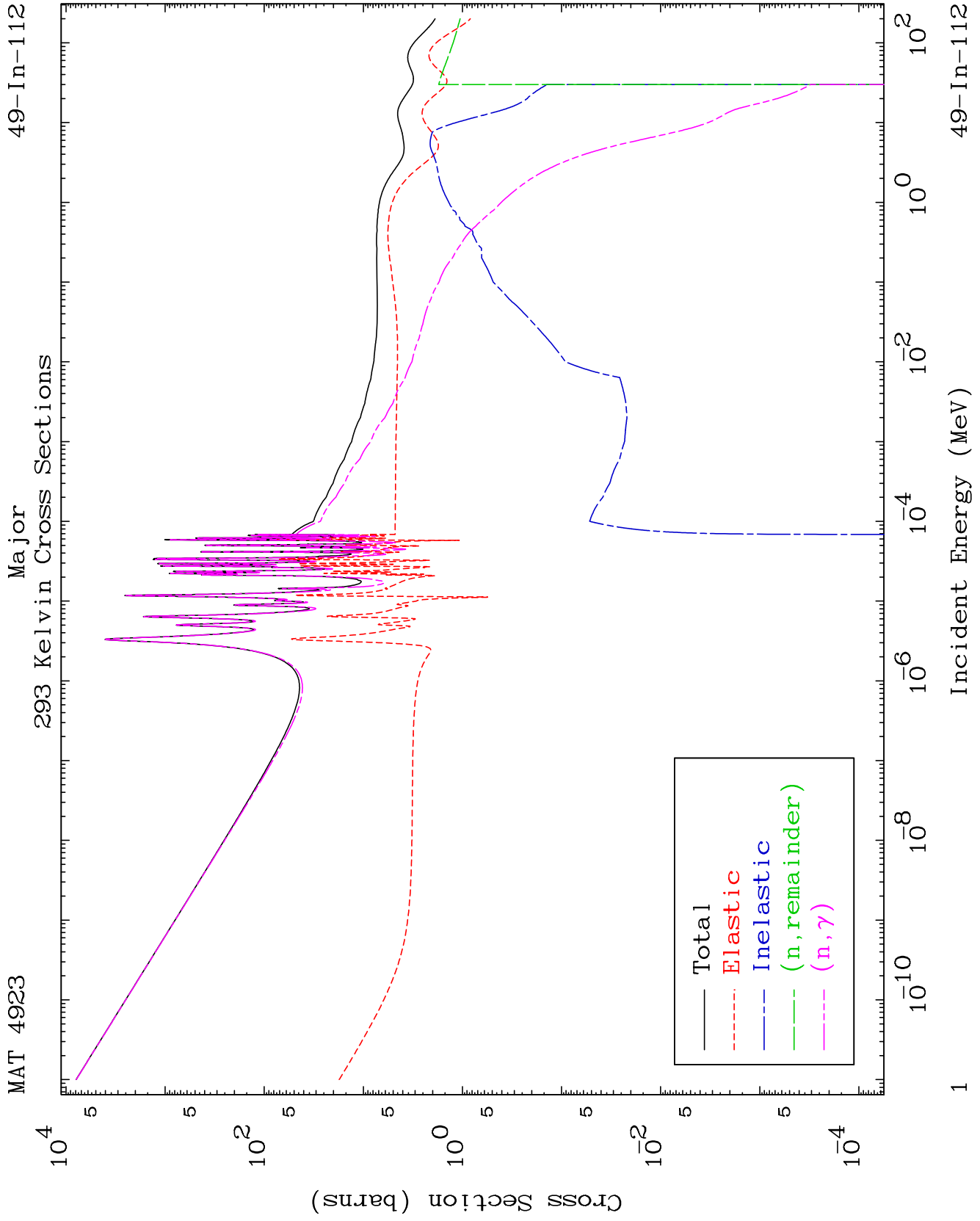
Dermott E. Cullen
(Present Contact Information)

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E.Mail:redcullen1@comcast.net
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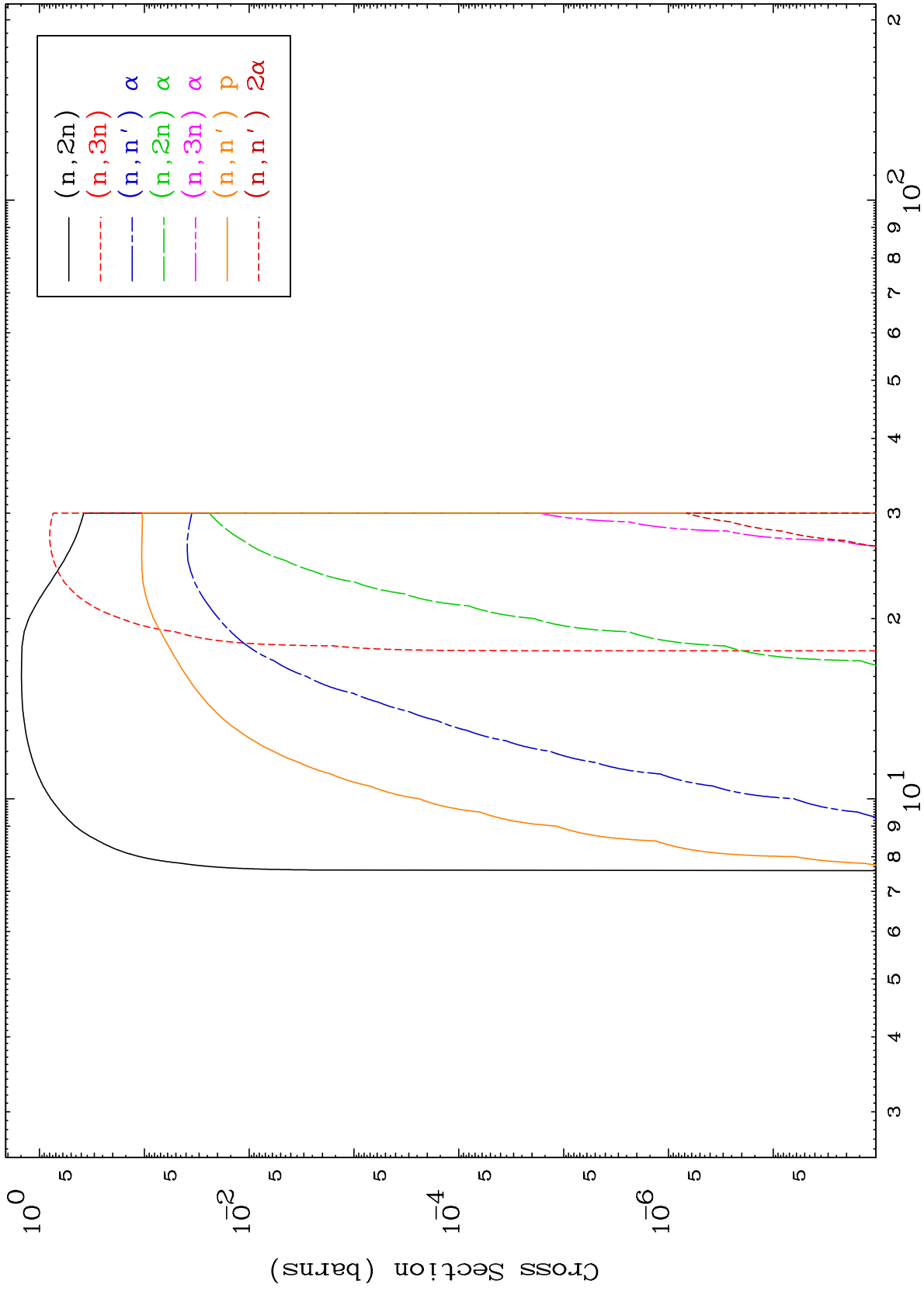
Press Mouse Button to Start



MAT 4923

Neutron Production
293 Kelvin Cross Sections

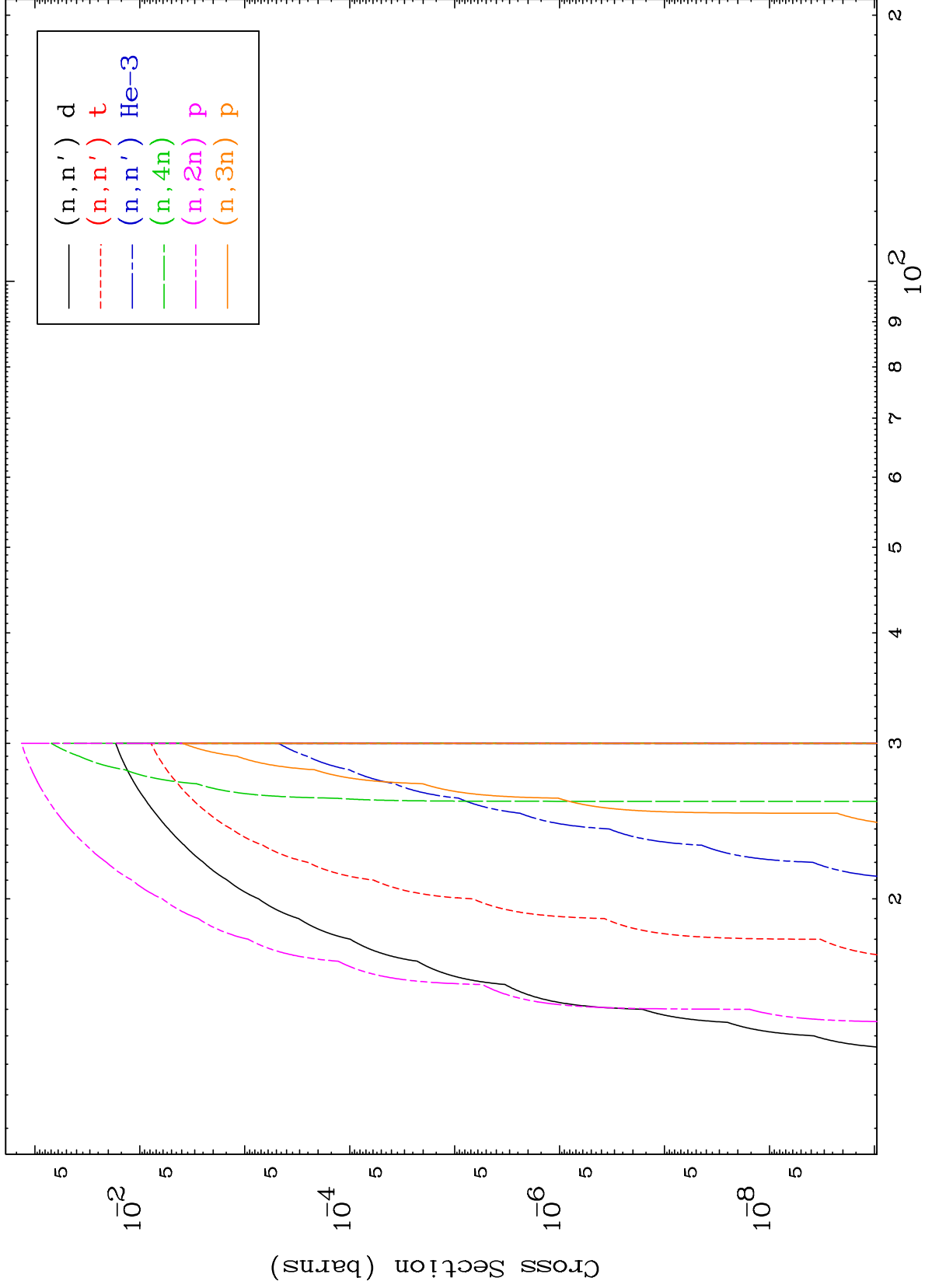
49-In-112

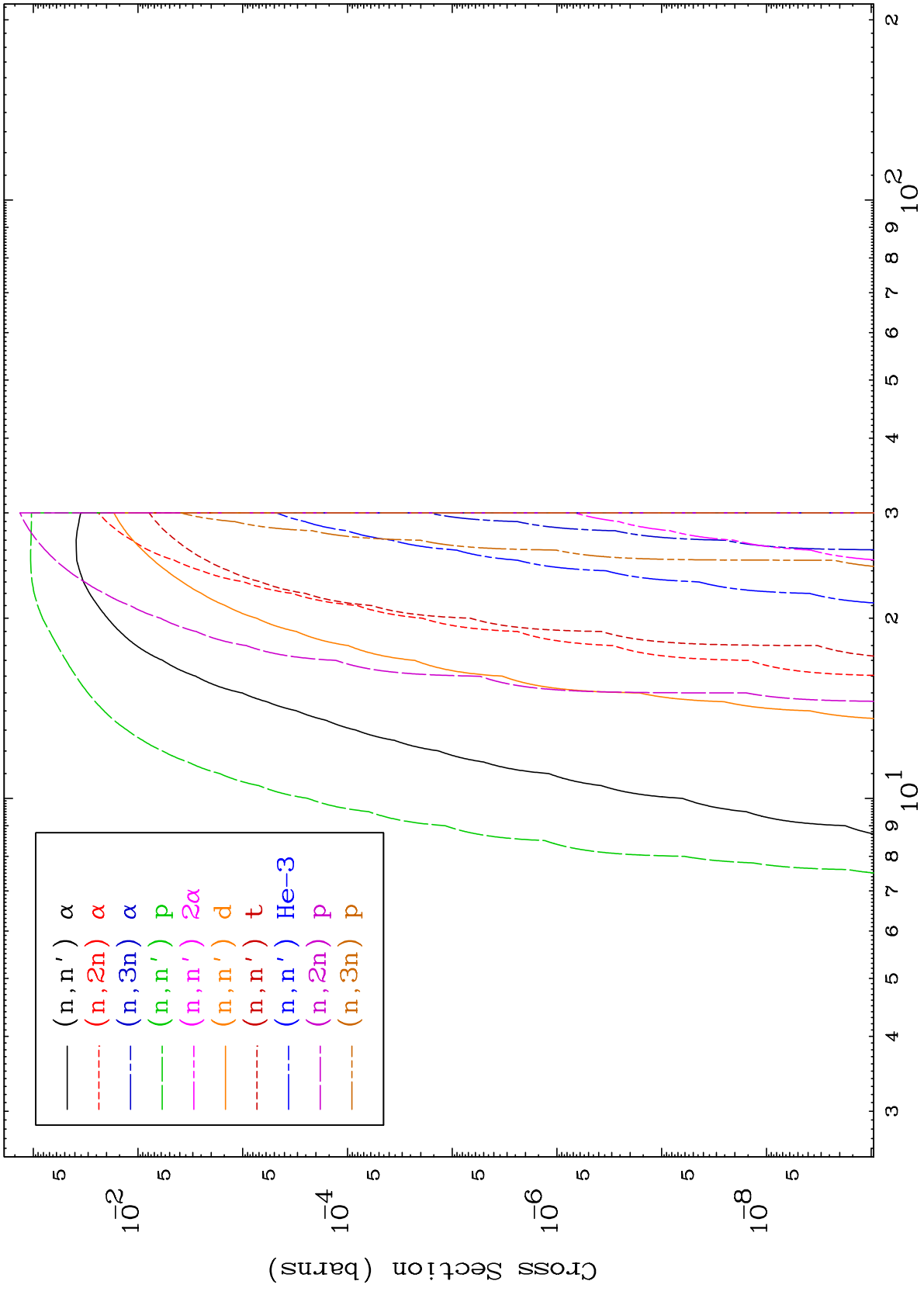


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Incident Energy (MeV)

49-In-112

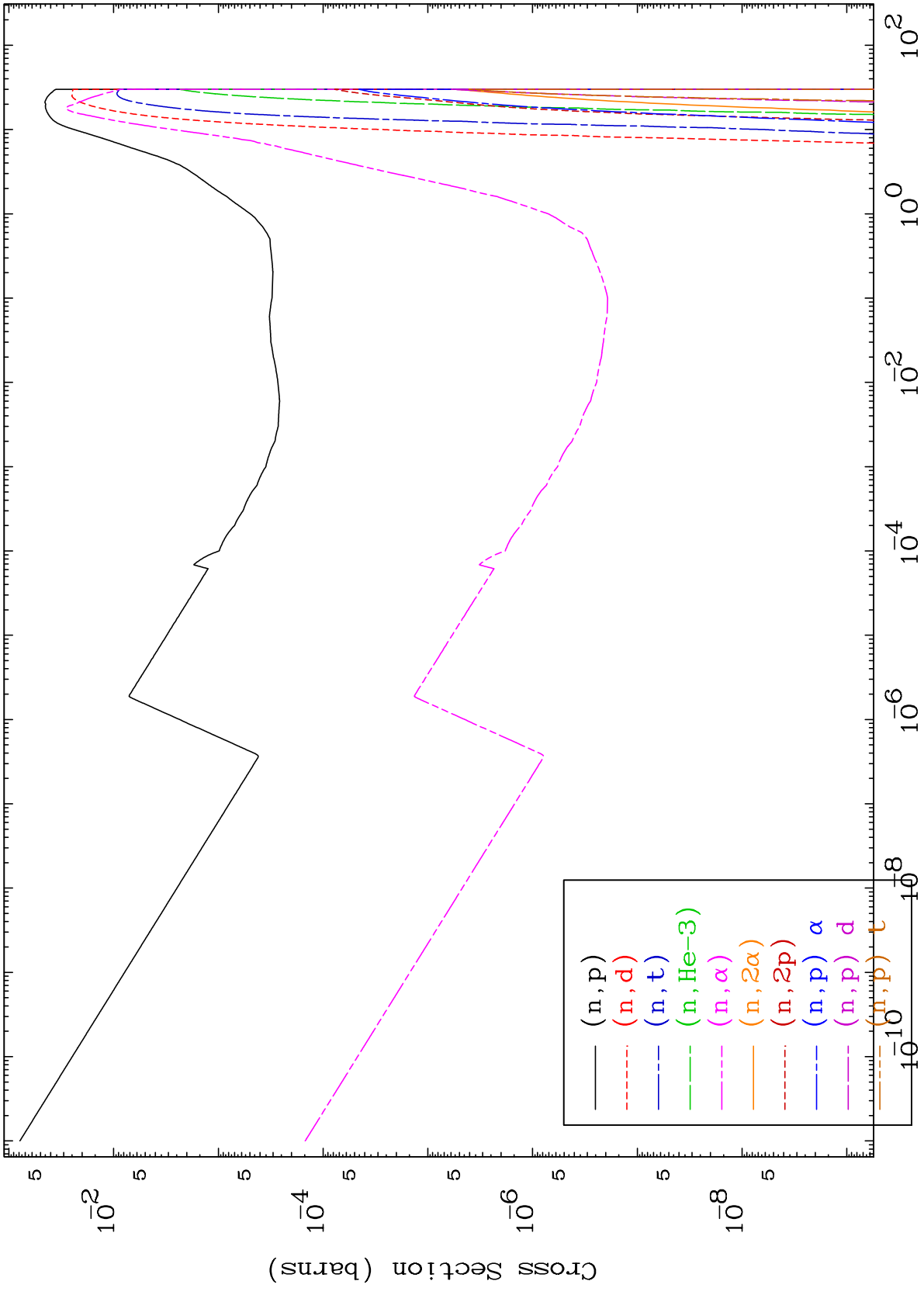


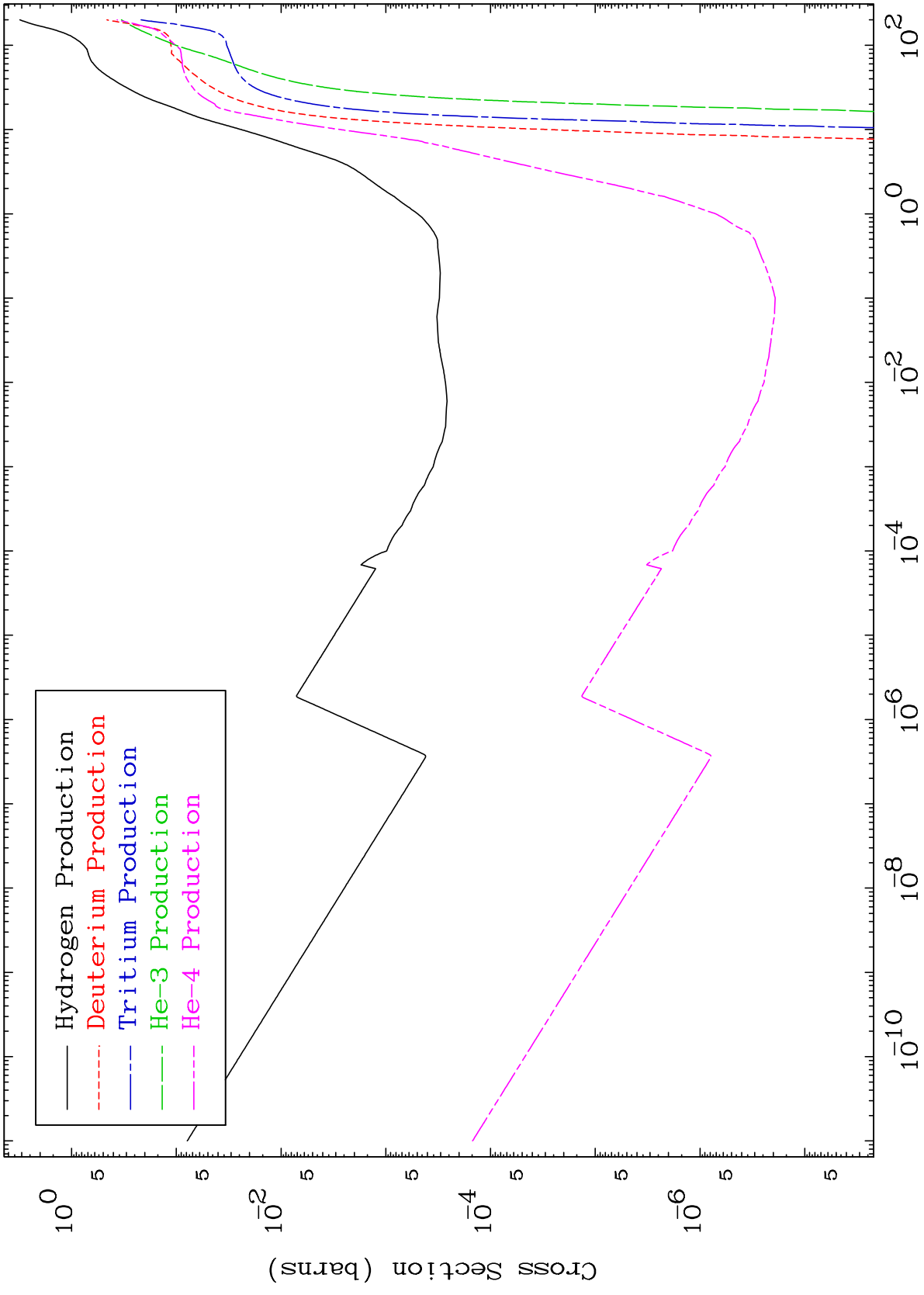


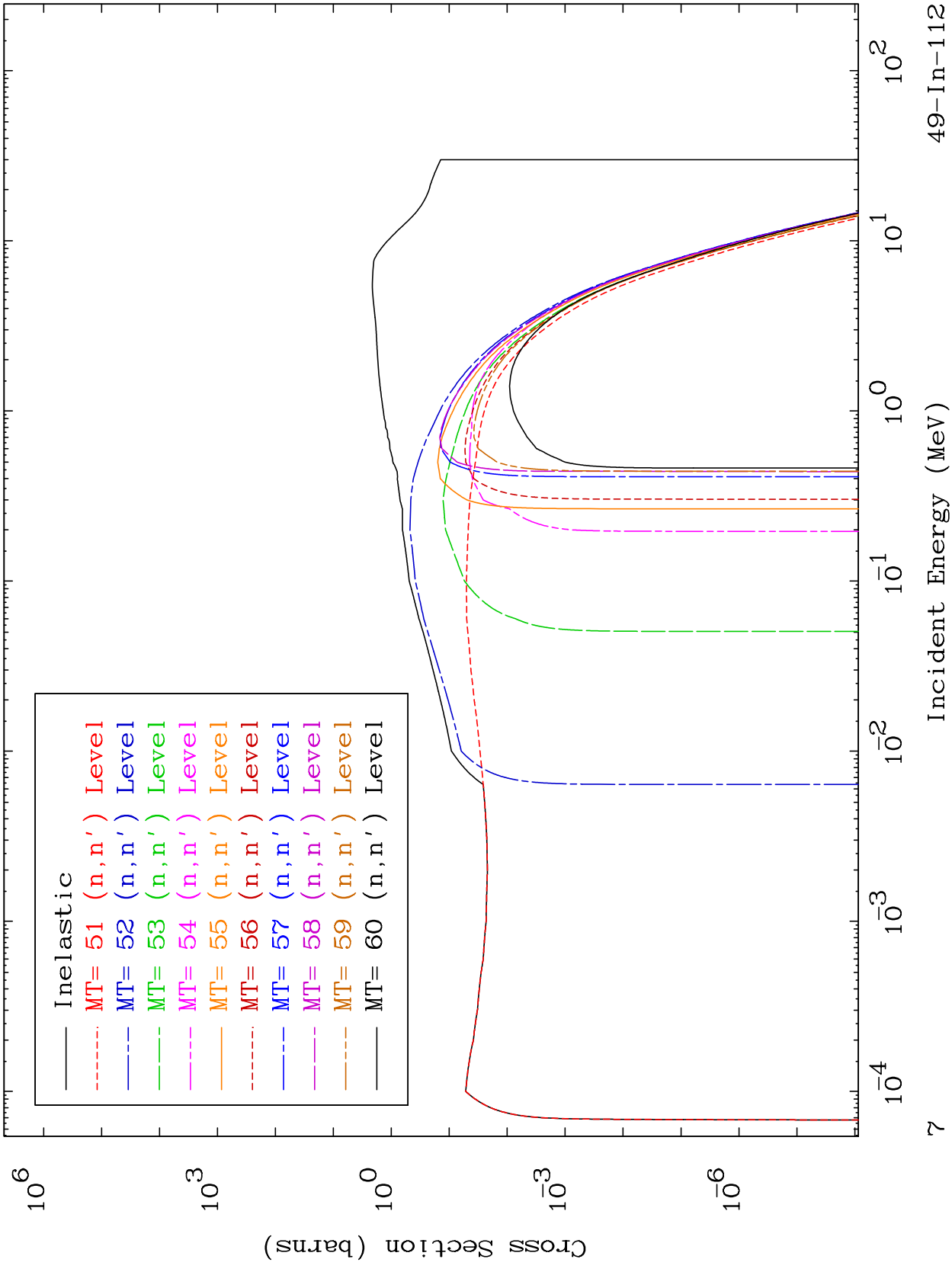
MAT 4923

Charged Particle
293 Kelvin Cross Sections

49-In-112





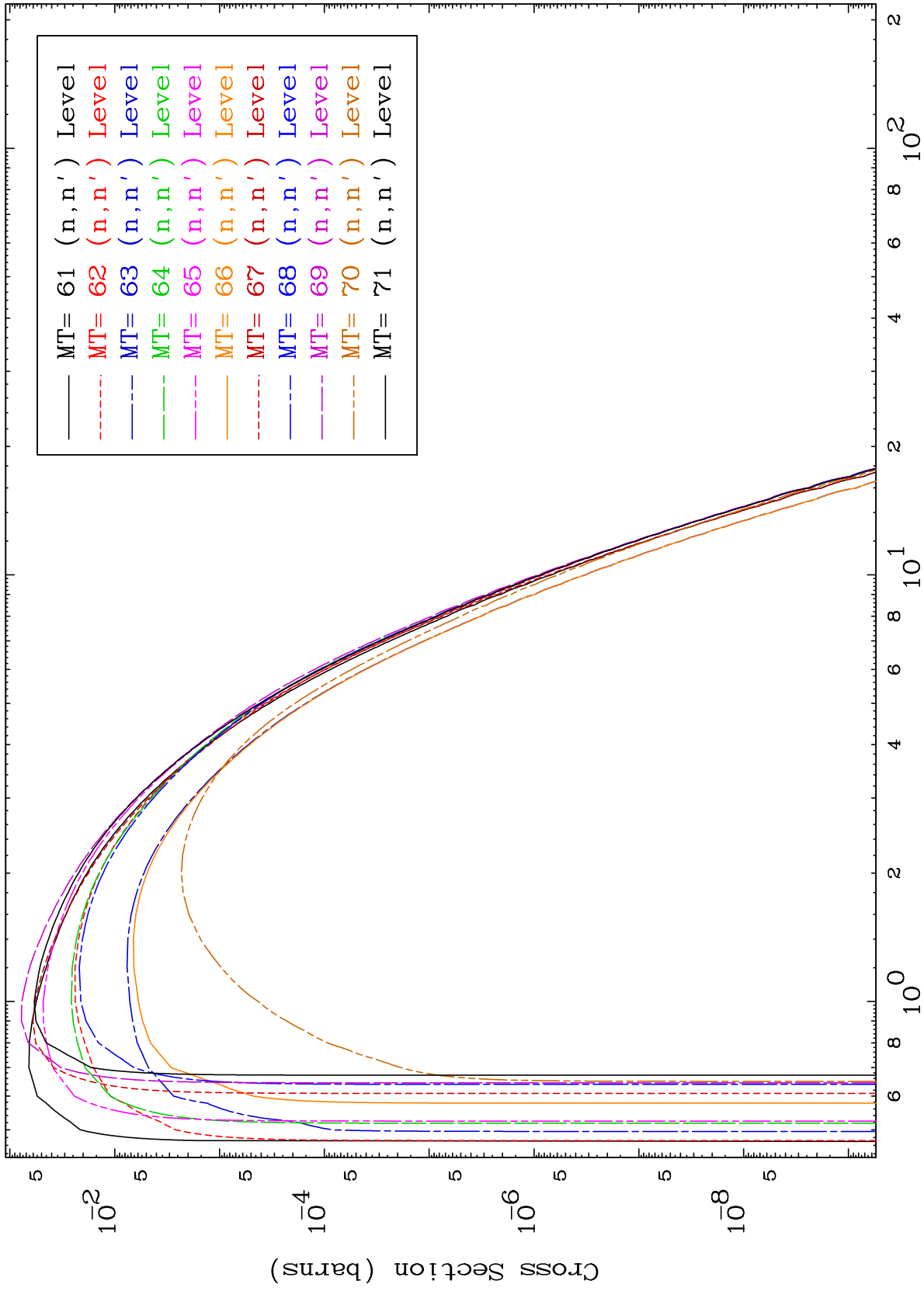


MAT 4923

(n,n') Level

49-In-112

293 Kelvin Cross Sections



8

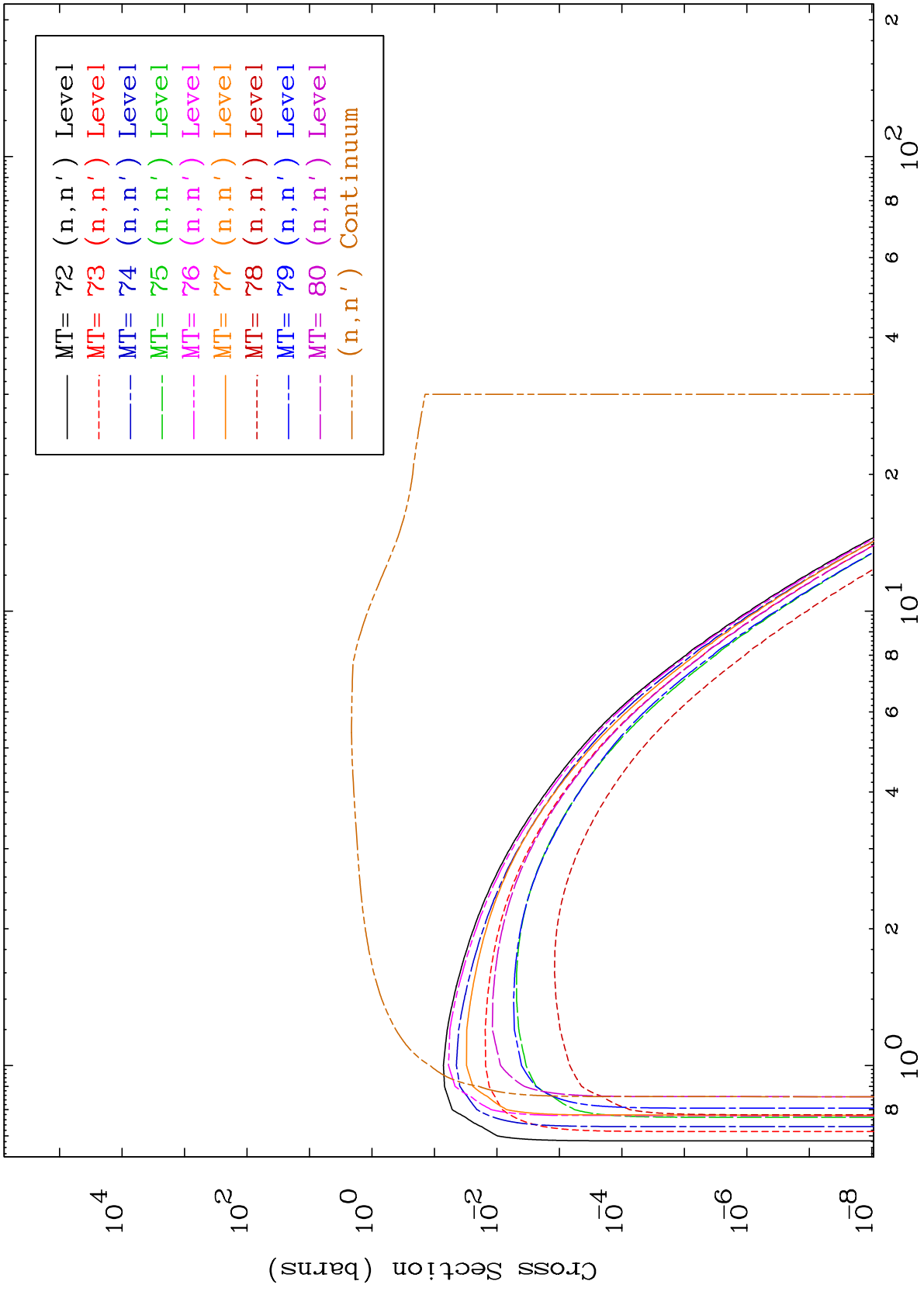
Incident Energy (MeV)

49-In-112

MAT 4923

(n,n') Level
293 Kelvin Cross Sections

49-In-112



9

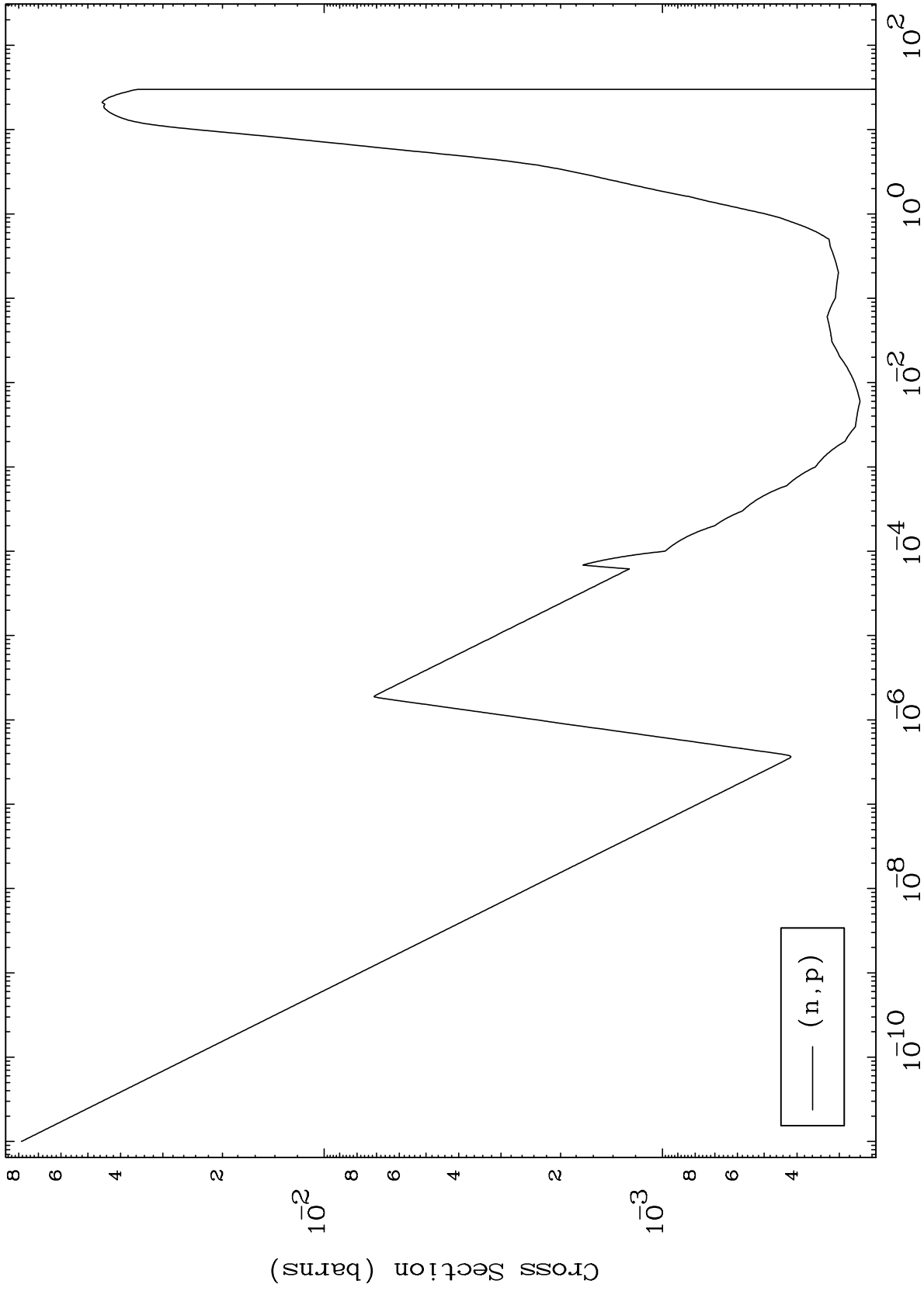
Incident Energy (MeV)

49-In-112

MAT 4923

(n,p) Levels
293 Kelvin Cross Sections

49-In-112



10

Incident Energy (MeV)

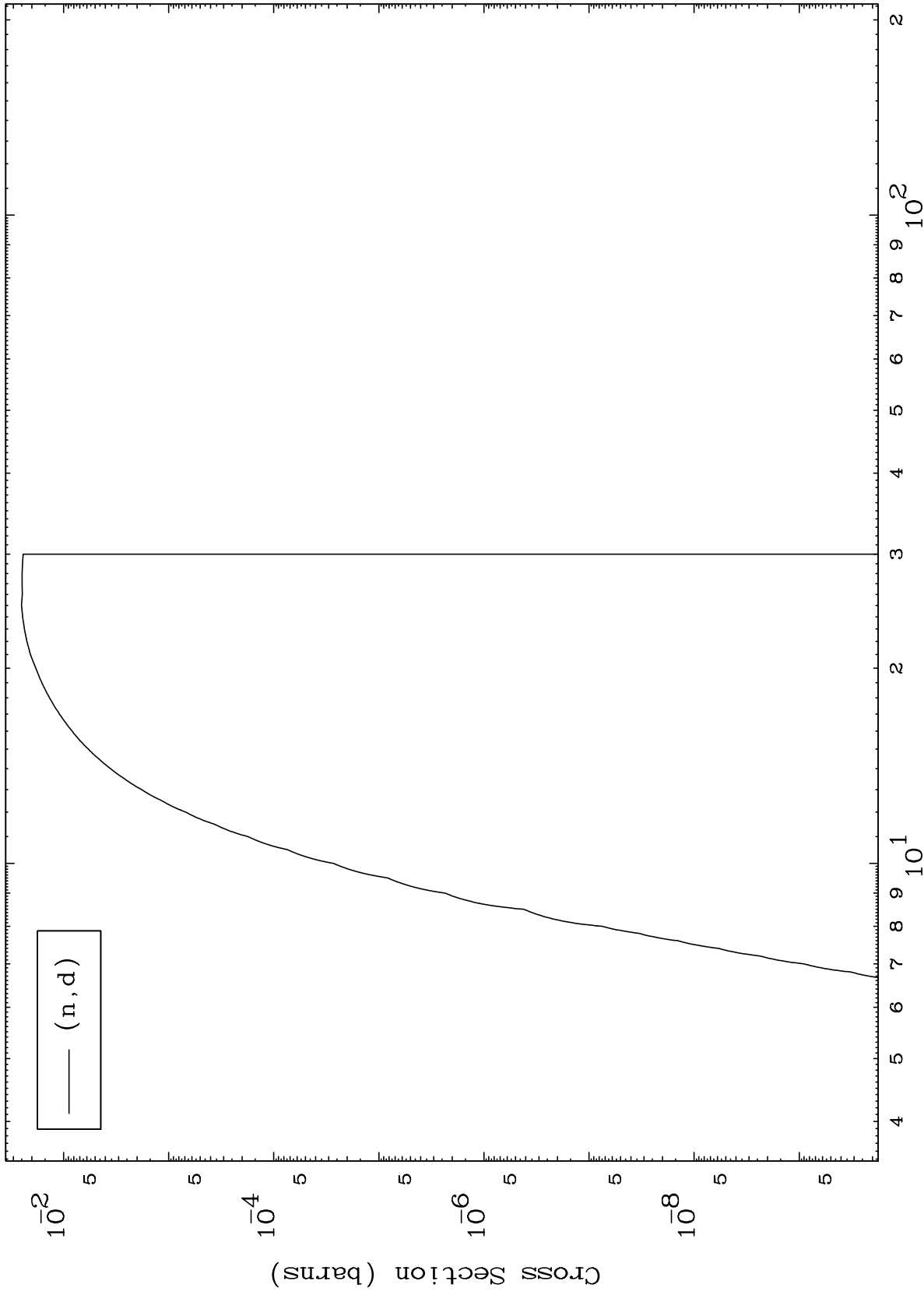
49-In-112

— (n, p)

MAT 4923

(n,d) Levels
293 Kelvin Cross Sections

49-In-112

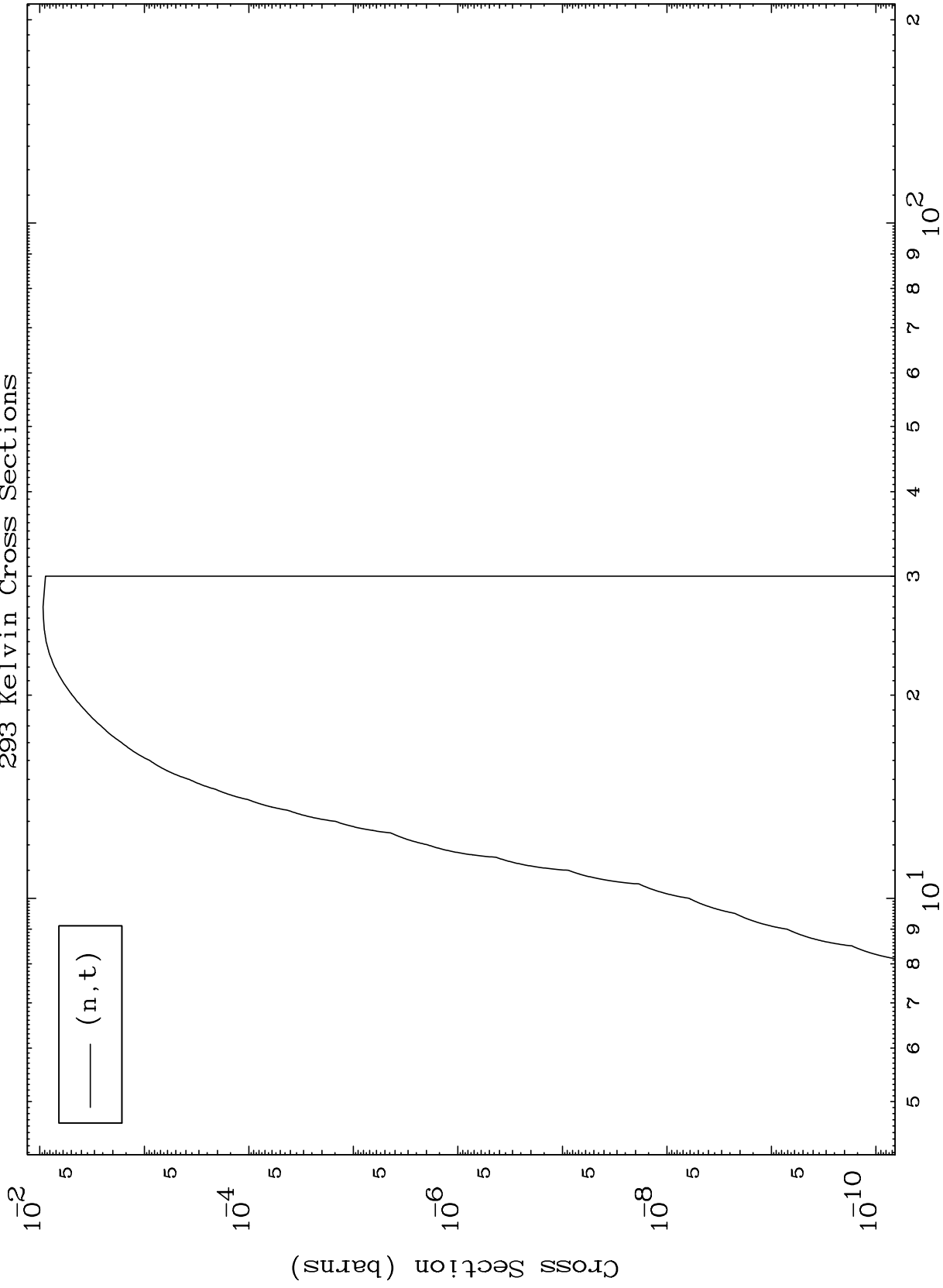


(n,d)

MAT 4923

(n,t) Levels
293 Kelvin Cross Sections

49-In-112



12

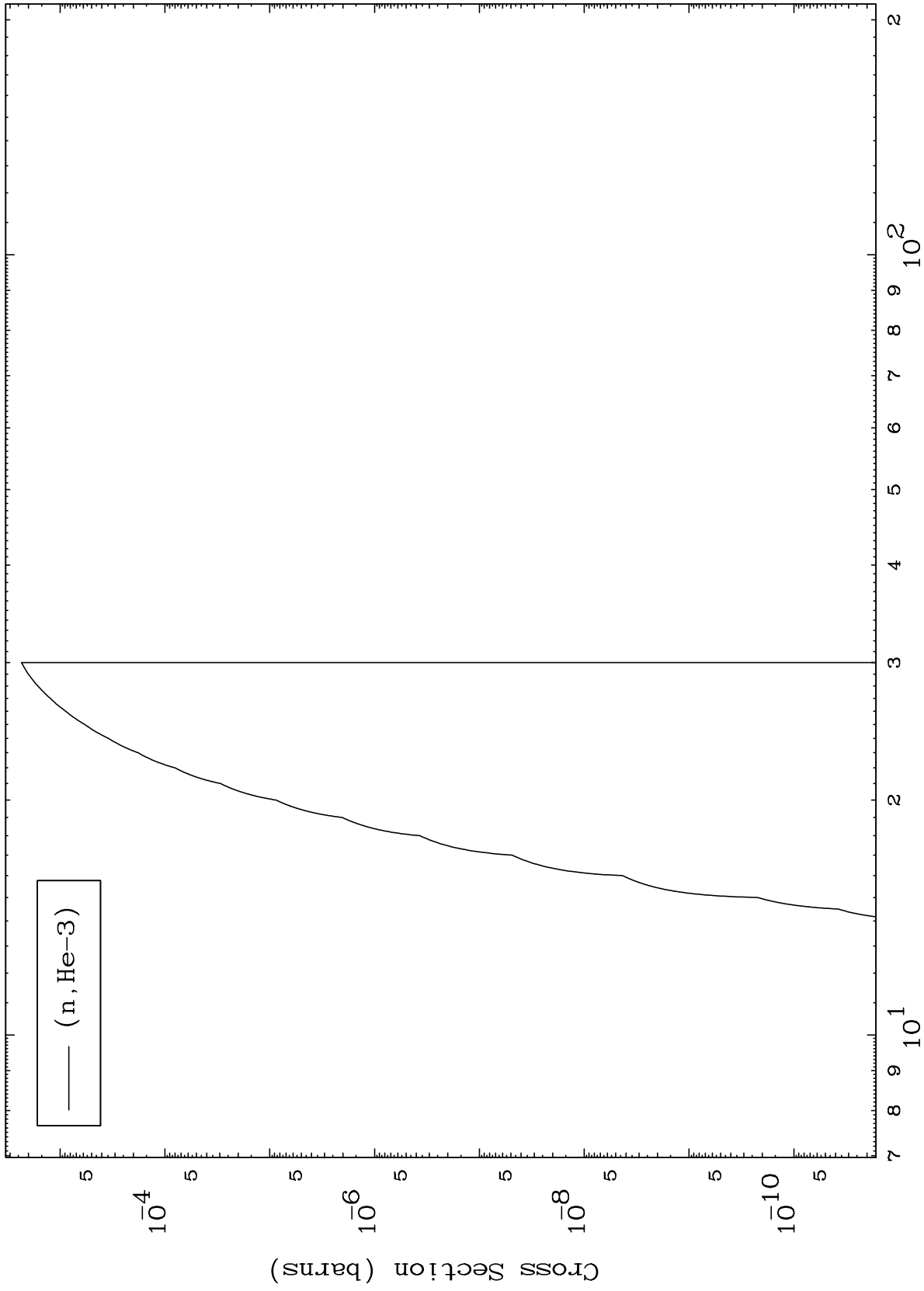
Incident Energy (MeV)

49-In-112

MAT 4923

(n,He3) Levels
293 Kelvin Cross Sections

49-In-112



13

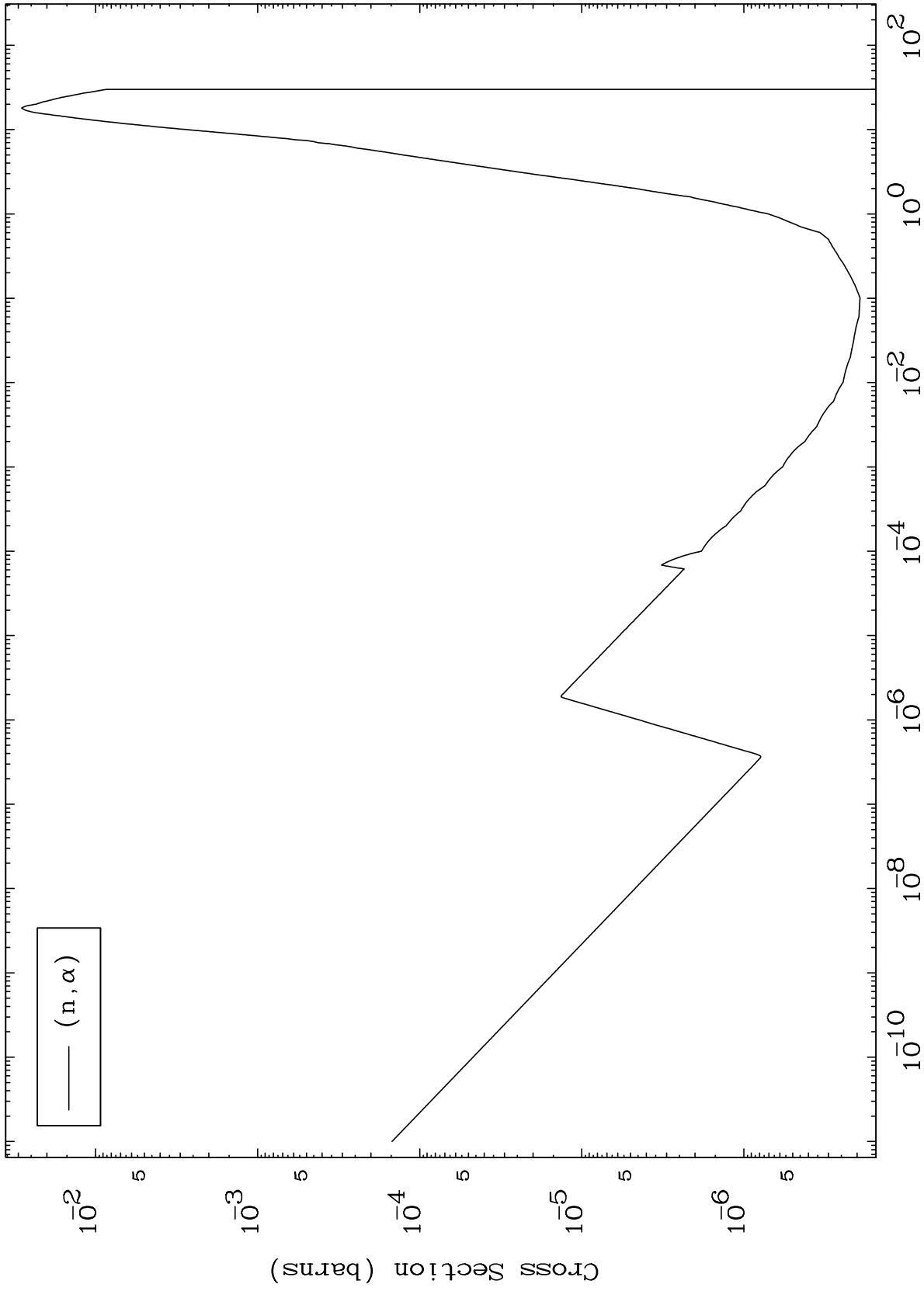
Incident Energy (MeV)

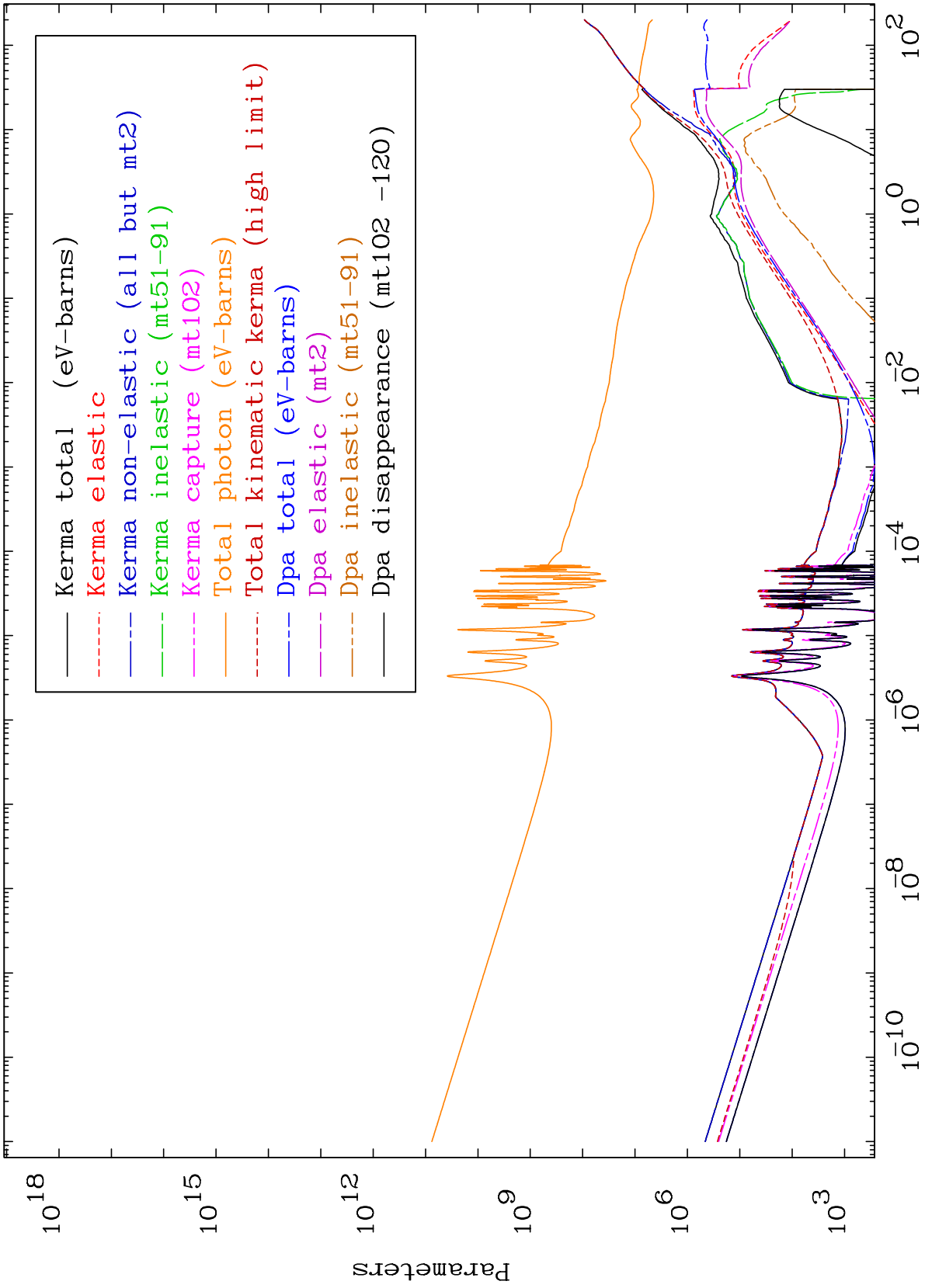
49-In-112

MAT 4923

(n,α) Levels
293 Kelvin Cross Sections

49-In-112





MAT 4923

Elastic Legendre Coefficients

49-In-112



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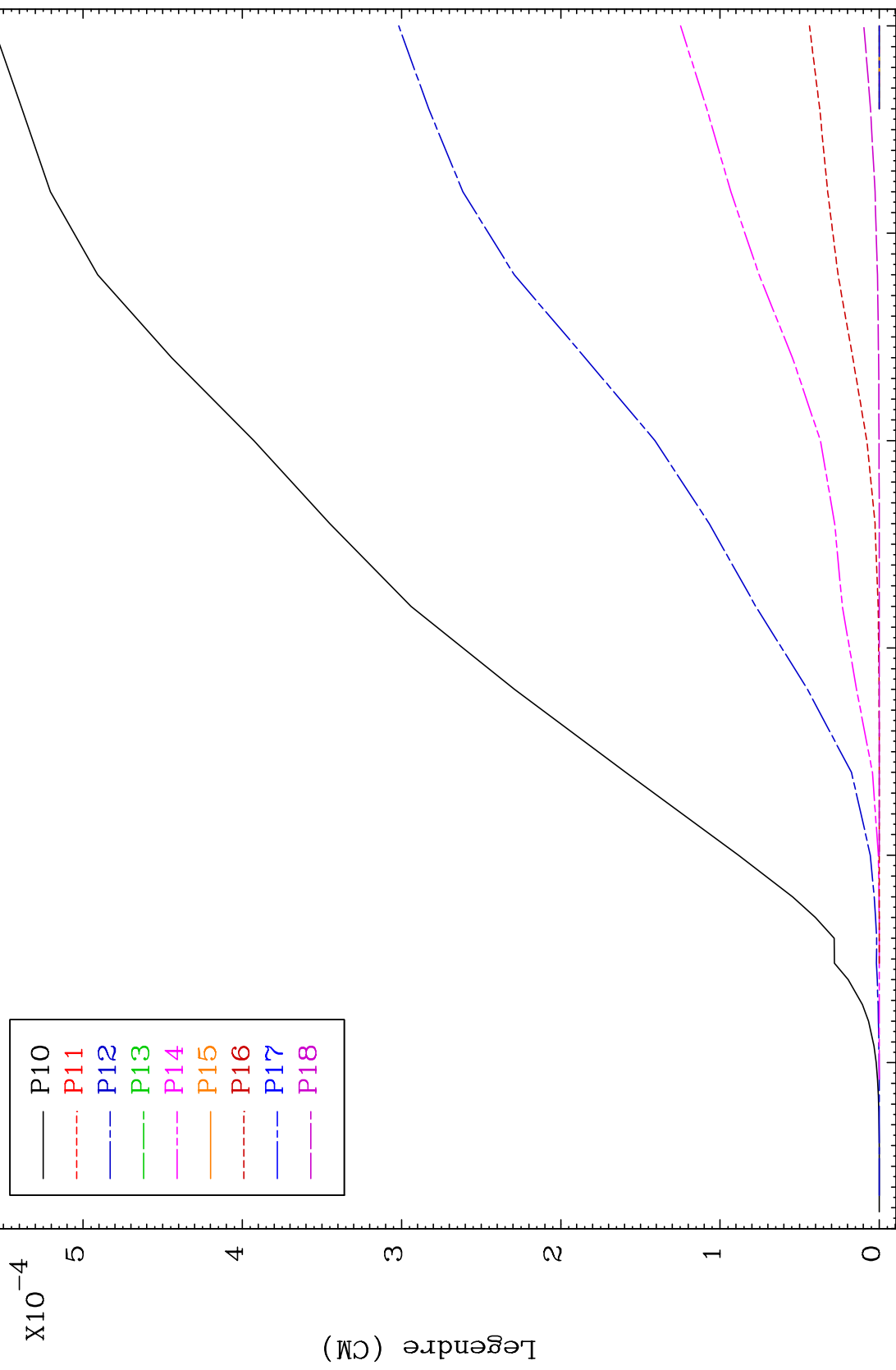
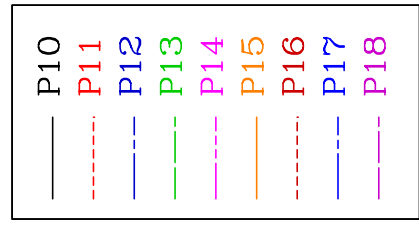
Incident Energy (MeV)

49-In-112

MAT 4923

Elastic Legendre Coefficients

49-In-112

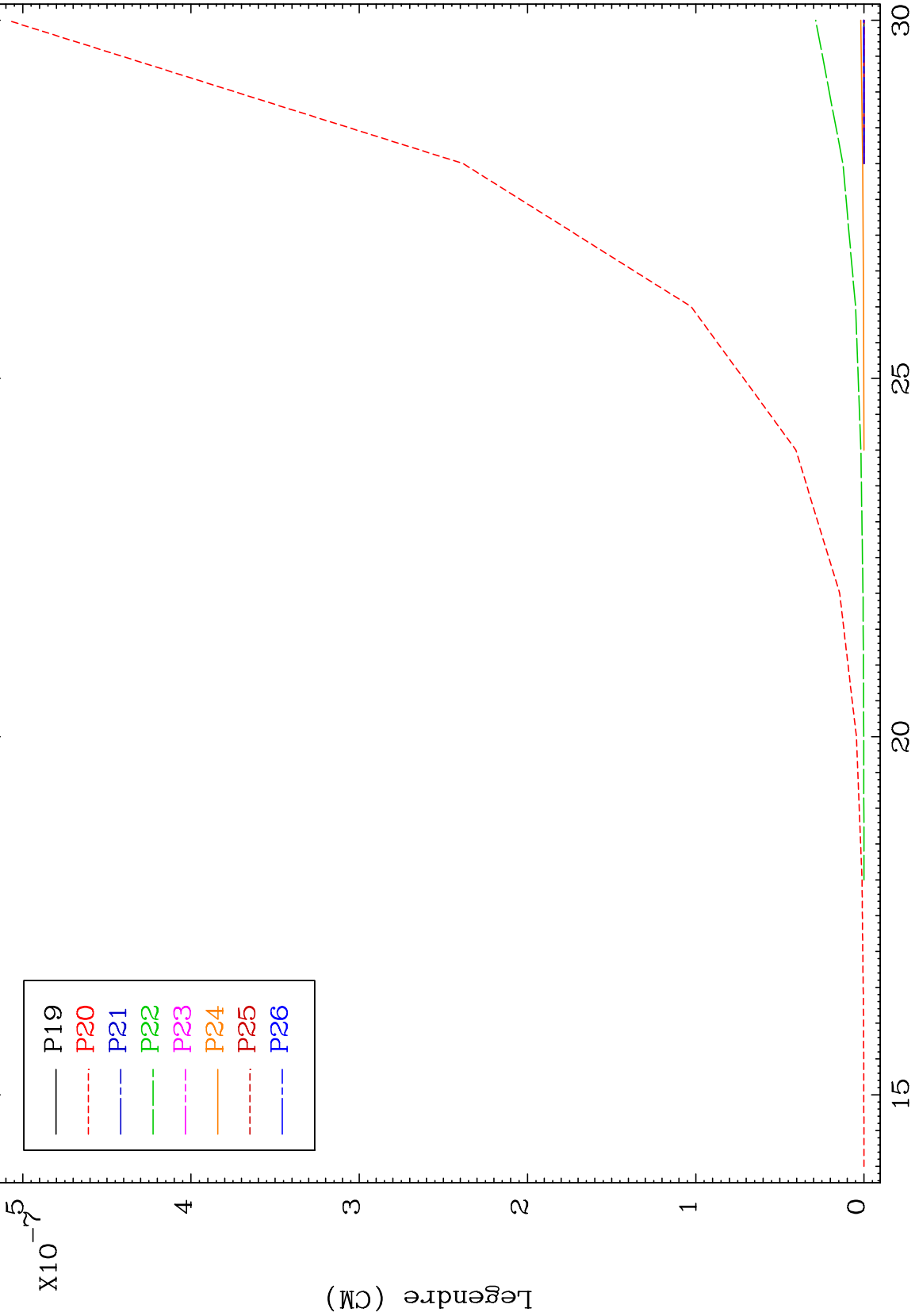


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MAT 4923

Elastic Legendre Coefficients

49-In-112



18

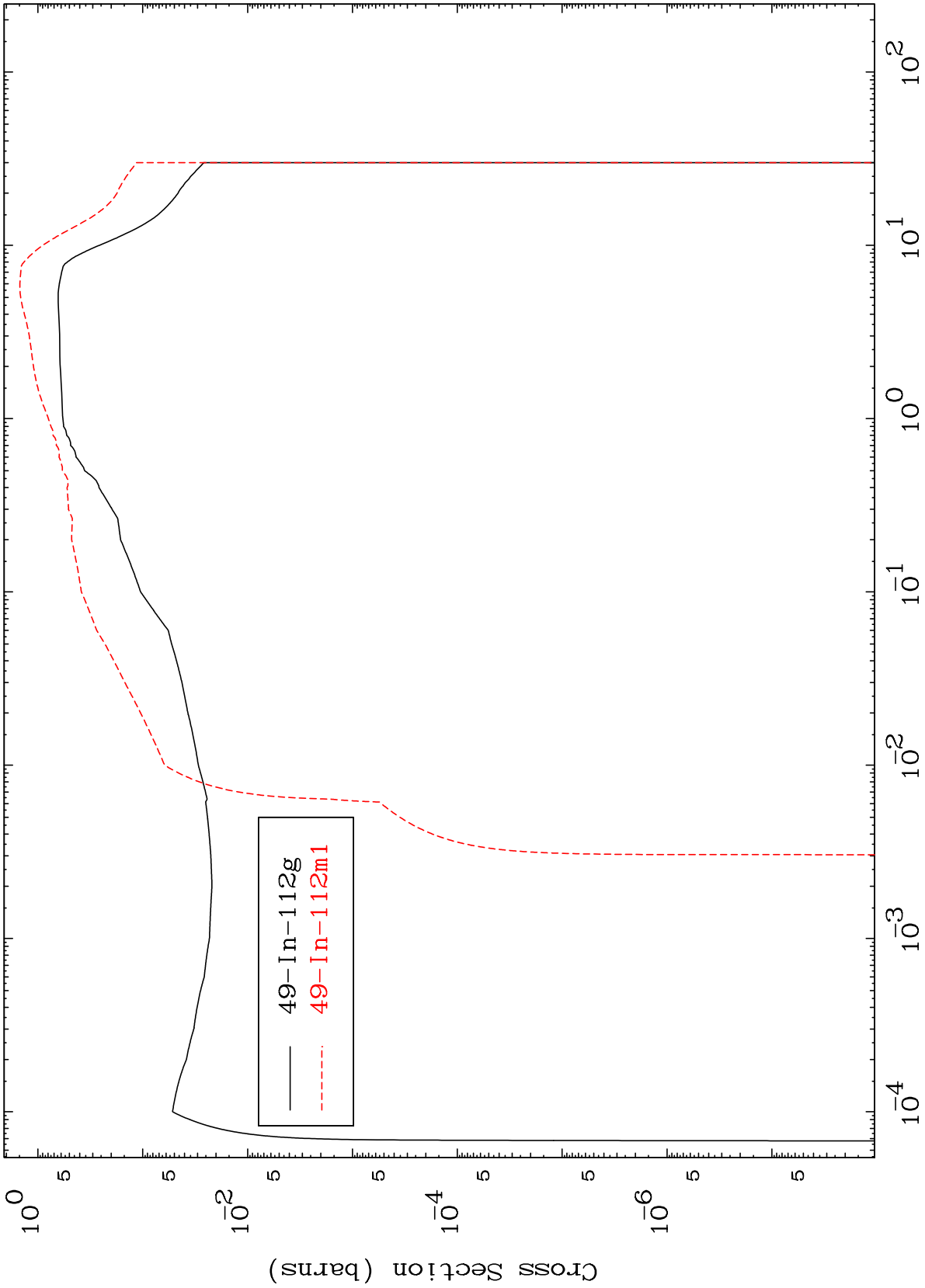
Incident Energy (MeV)

49-In-112

MAT 4923

49-In-112

Inelastic
Radionuclide Production Cross Section



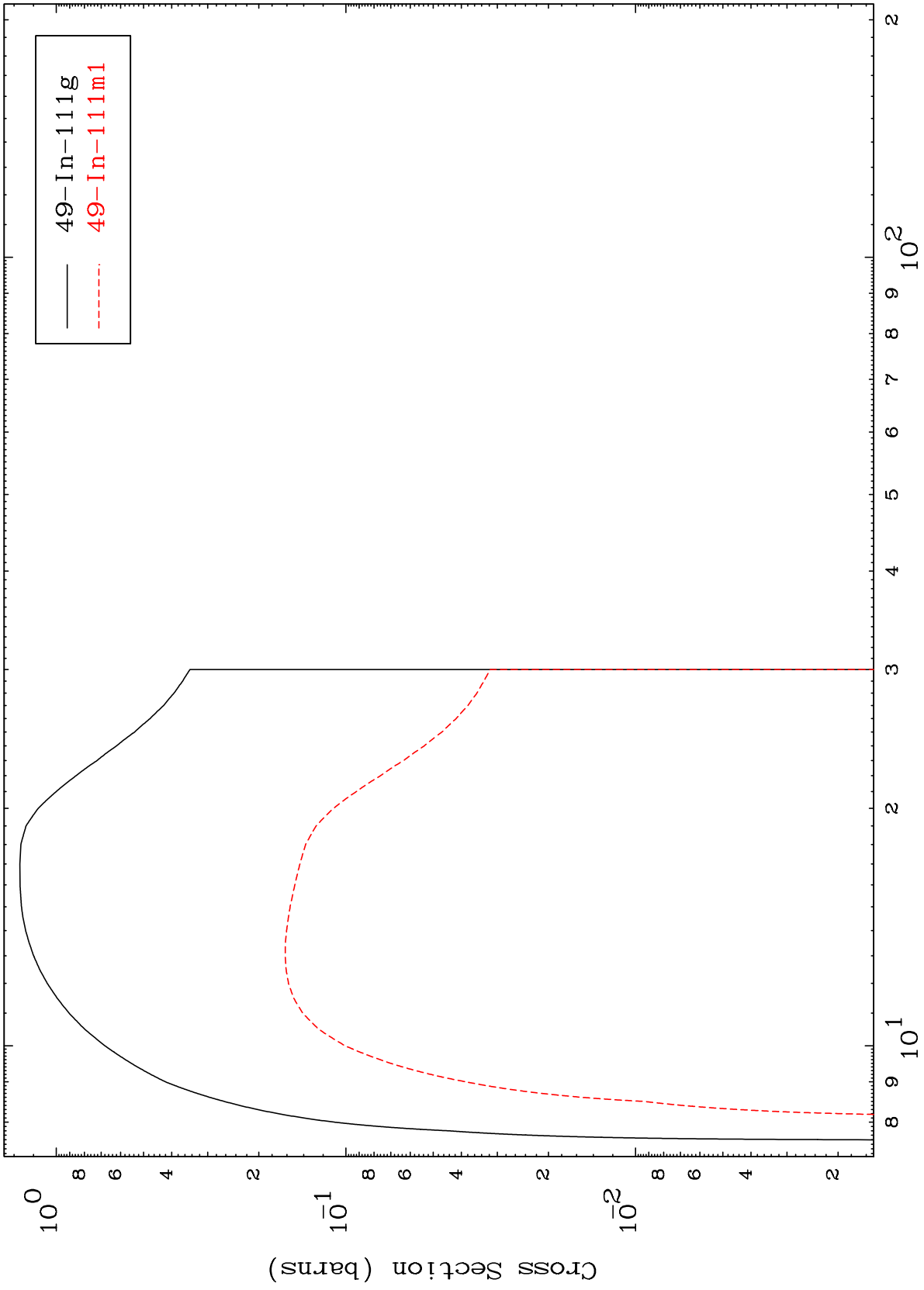
19

49-In-112

MAT 4923

49-In-112

(n,2n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

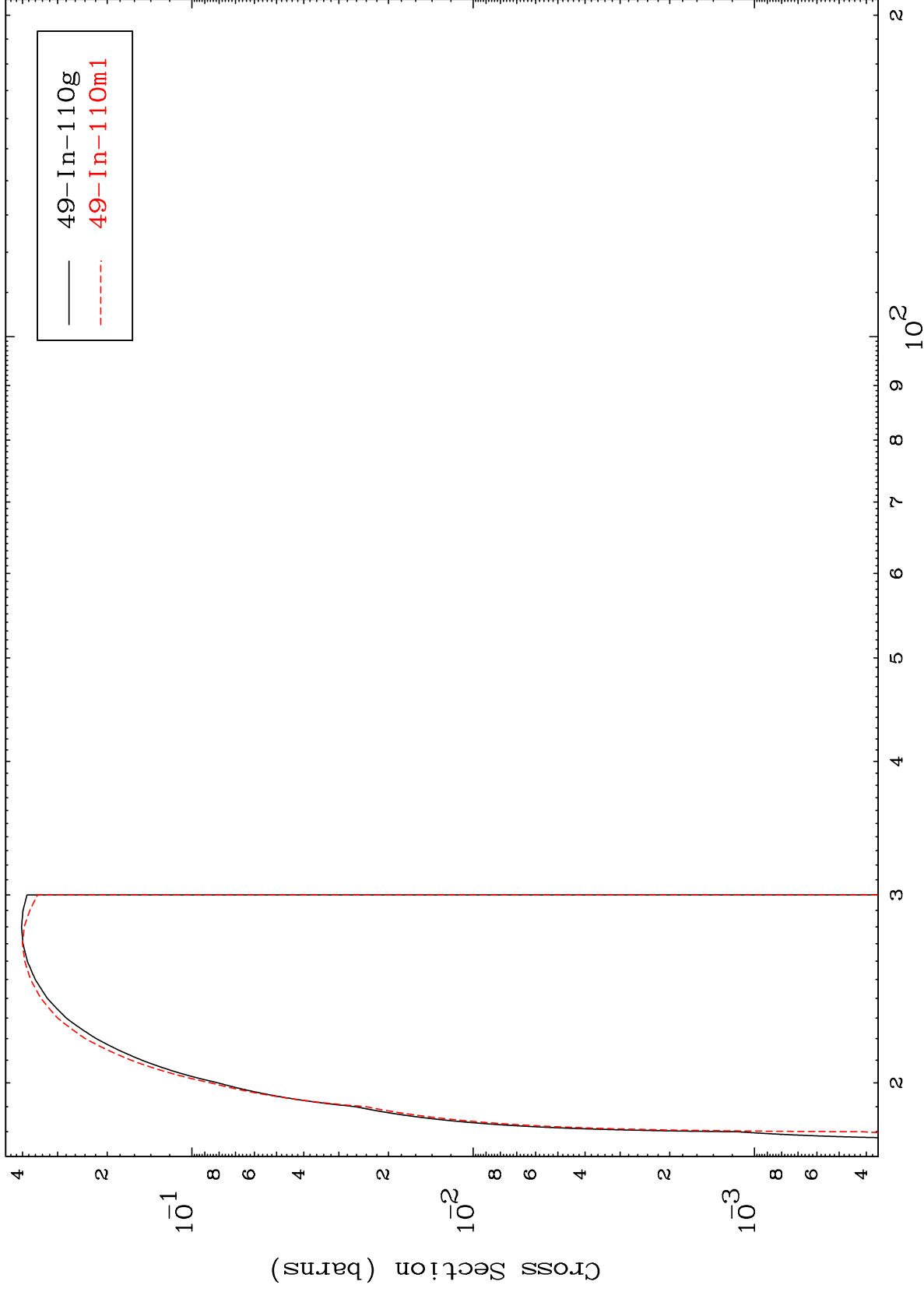
49-In-112

MAT 4923

(n,3n)

49-In-112

Radionuclide Production Cross Section



21

Incident Energy (MeV)

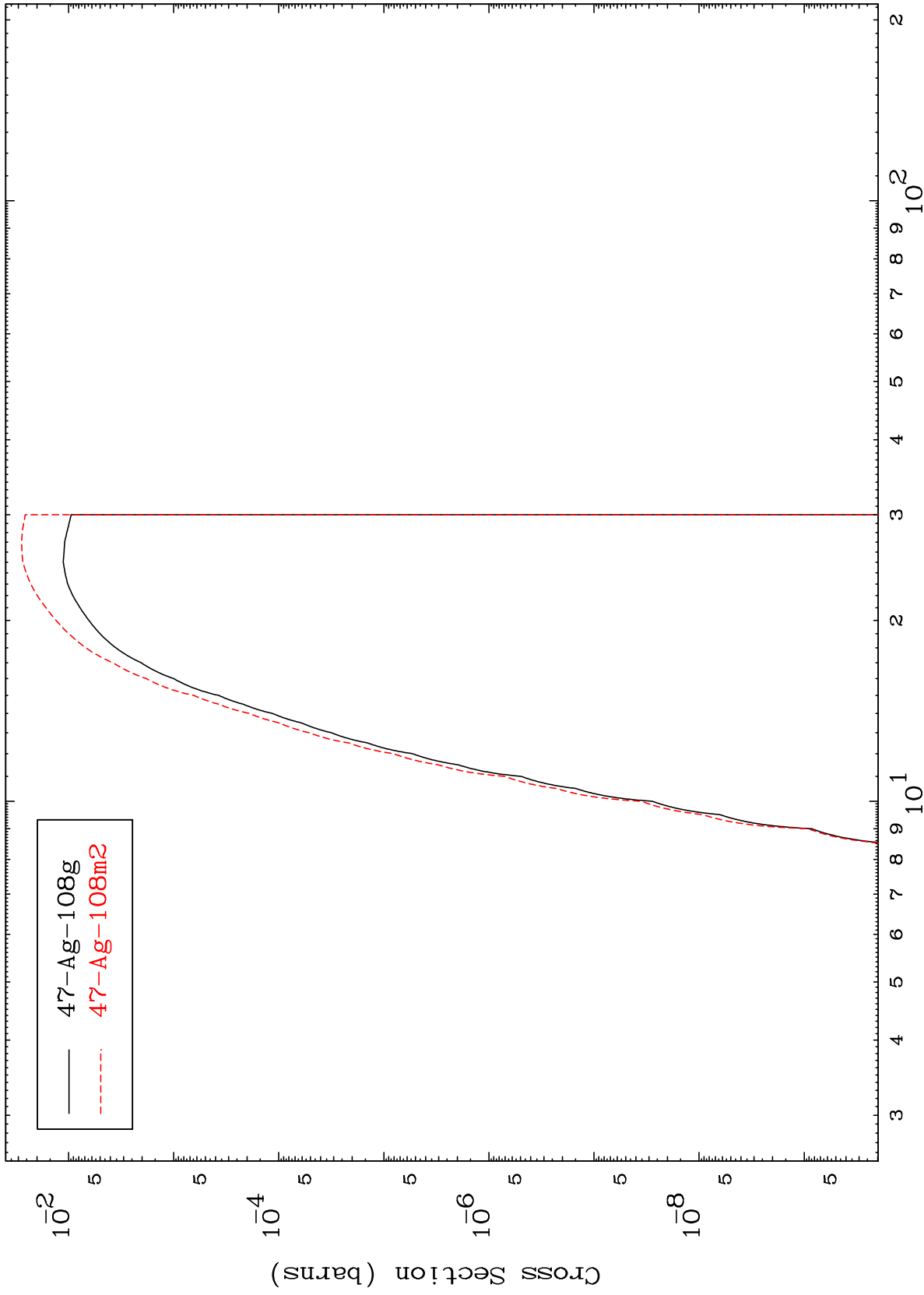
49-In-112

MAT 4923

(n,n') α

49-In-112

Radionuclide Production Cross Section



22

Incident Energy (MeV)

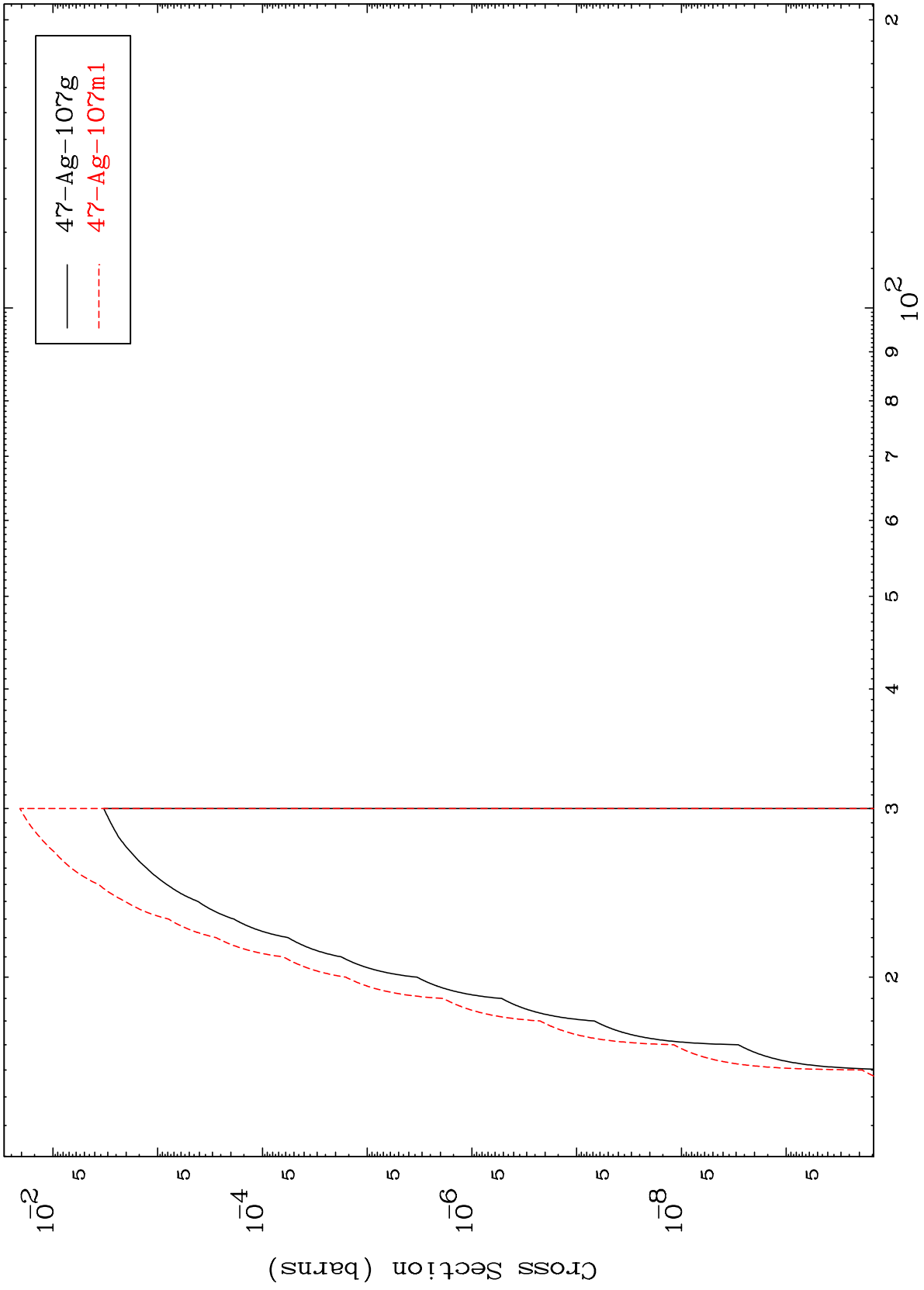
49-In-112

MAT 4923

(n,2n) α

49-In-112

Radionuclide Production Cross Section



23

Incident Energy (MeV)

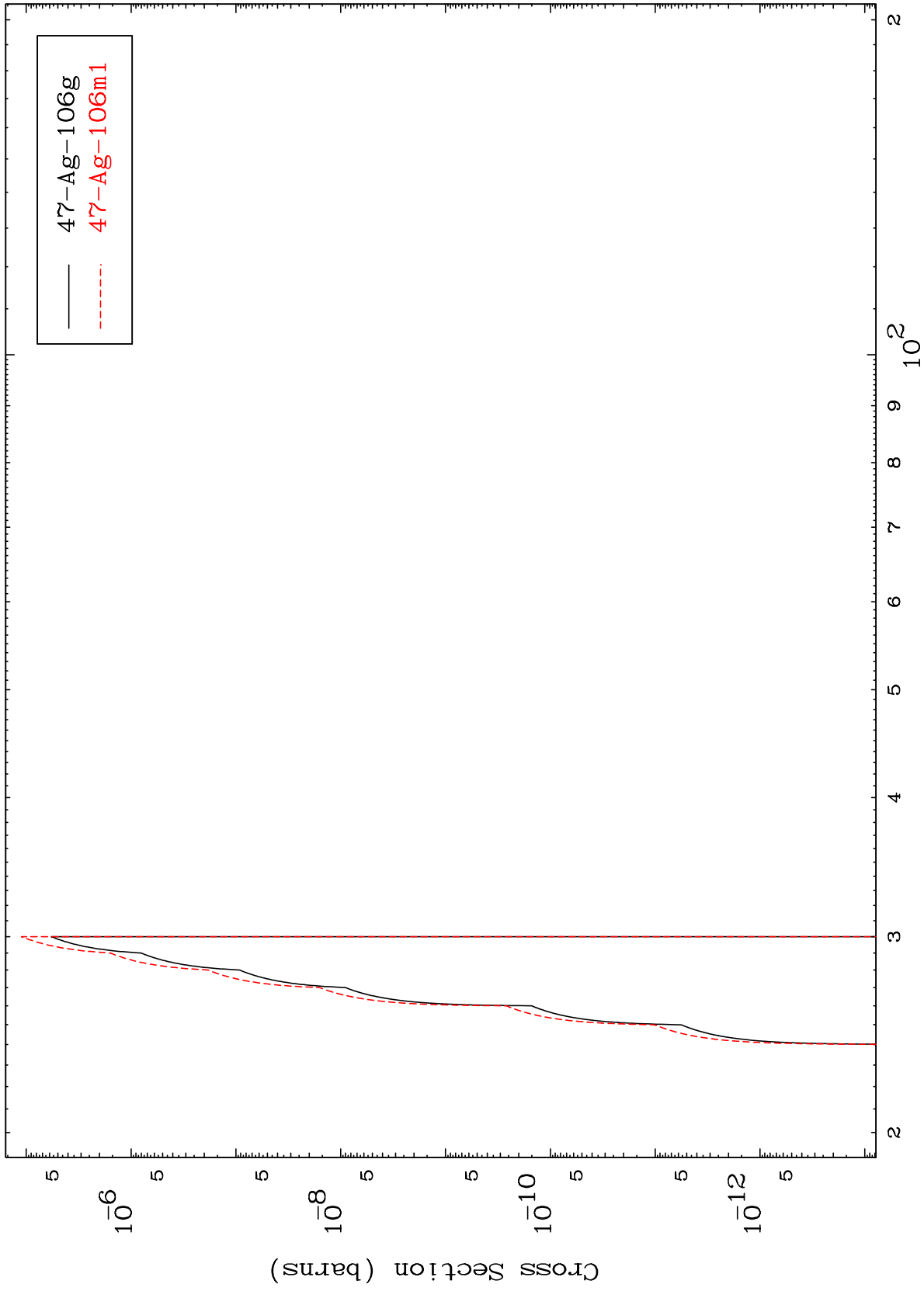
49-In-112

MAT 4923

(n,3n) α

49-In-112

Radionuclide Production Cross Section



24

Incident Energy (MeV)

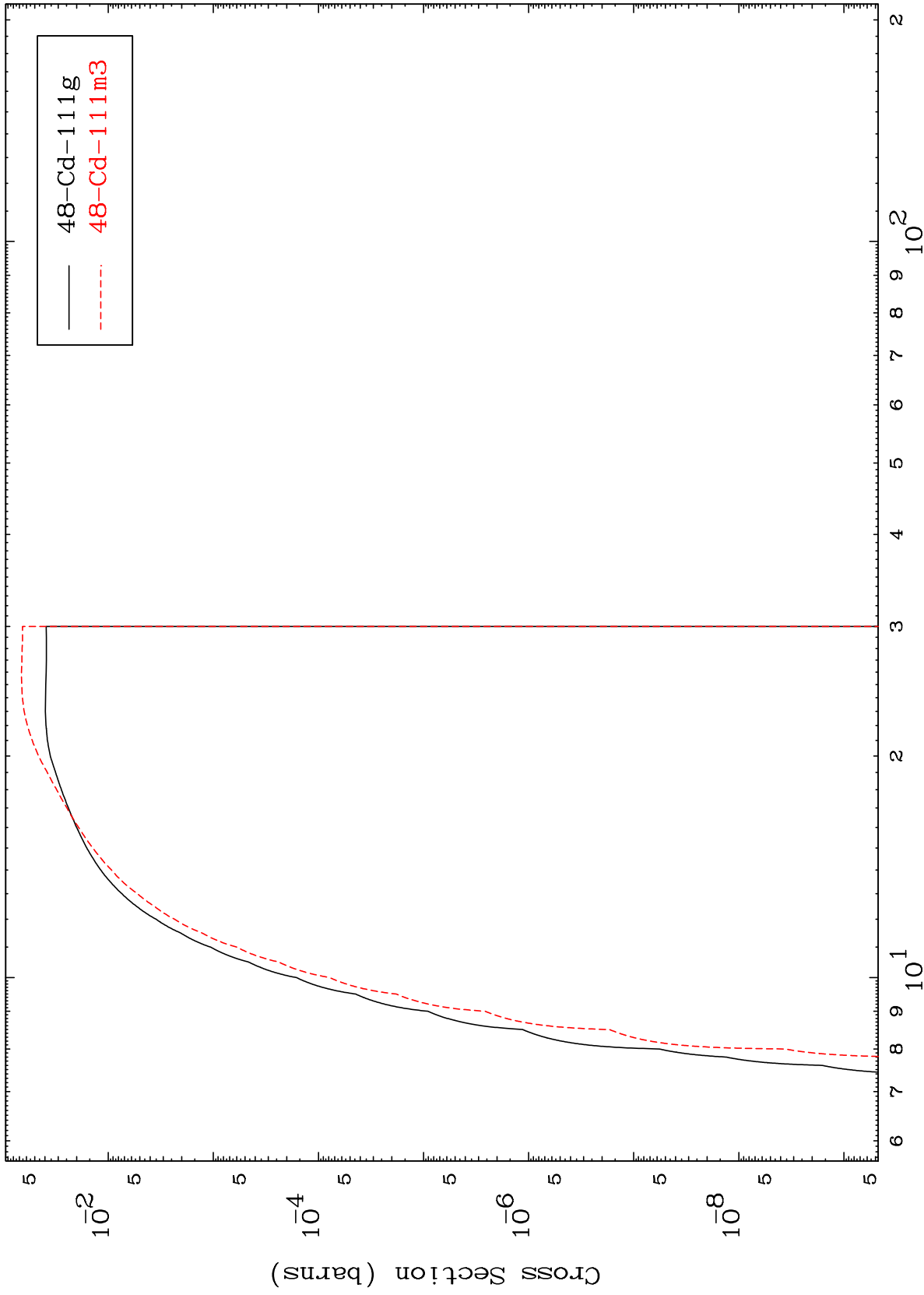
49-In-112

MAT 4923

(n,n') p

49-In-112

Radionuclide Production Cross Section



25

Incident Energy (MeV)

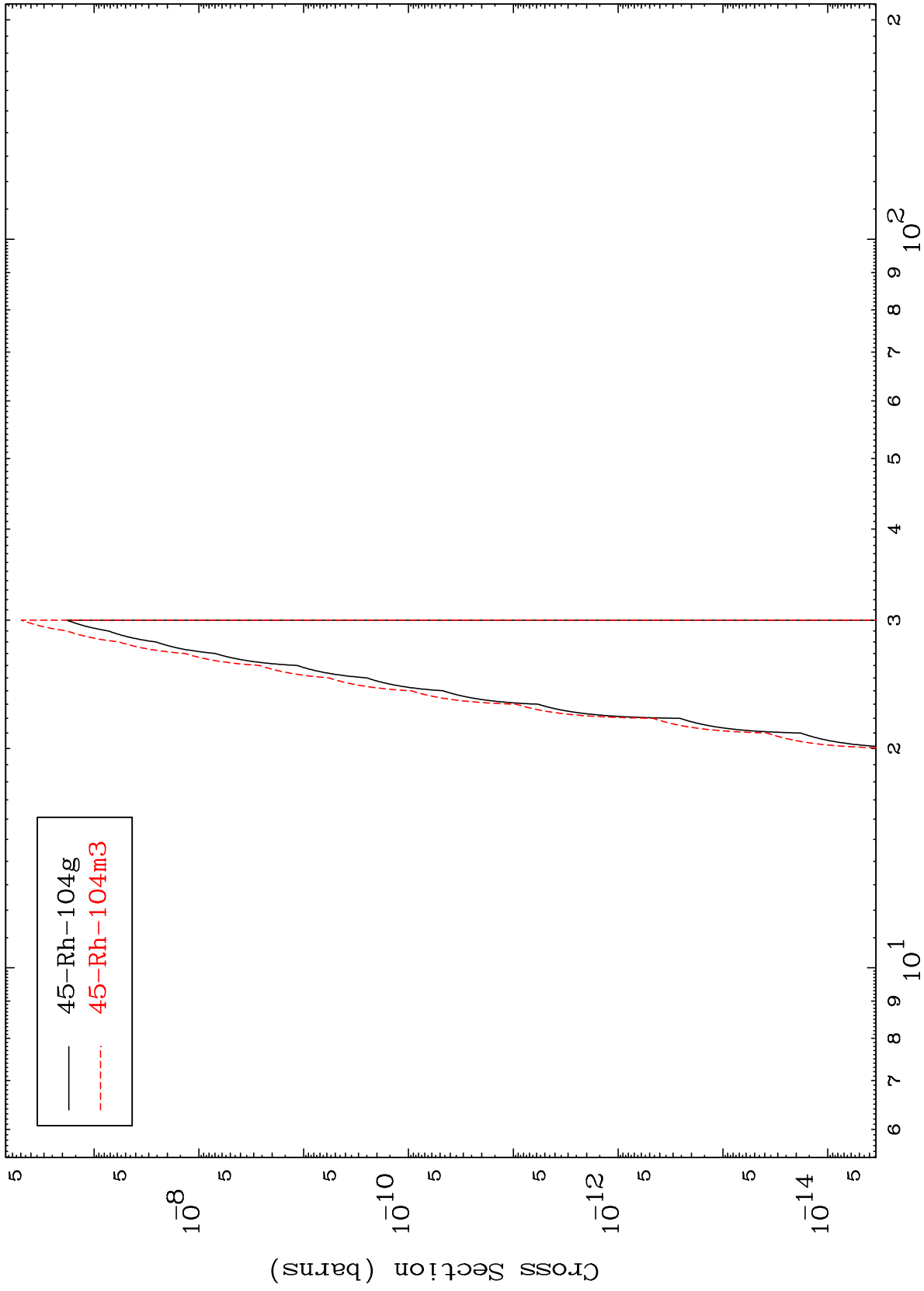
49-In-112

MAT 4923

(n,n') 2α

49-In-112

Radionuclide Production Cross Section



26

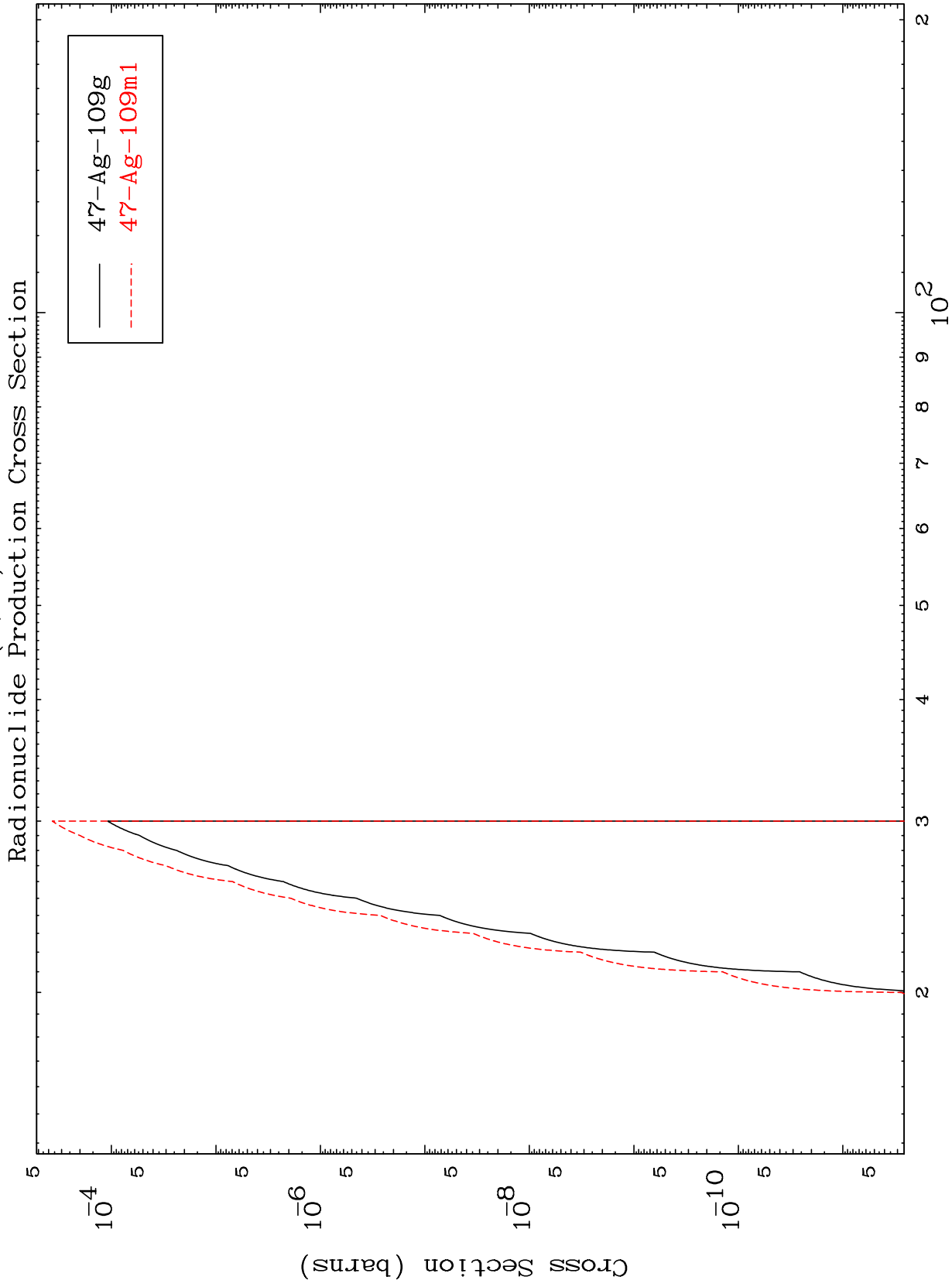
Incident Energy (MeV)

49-In-112

MAT 4923

(n, n') He-3

49-In-112



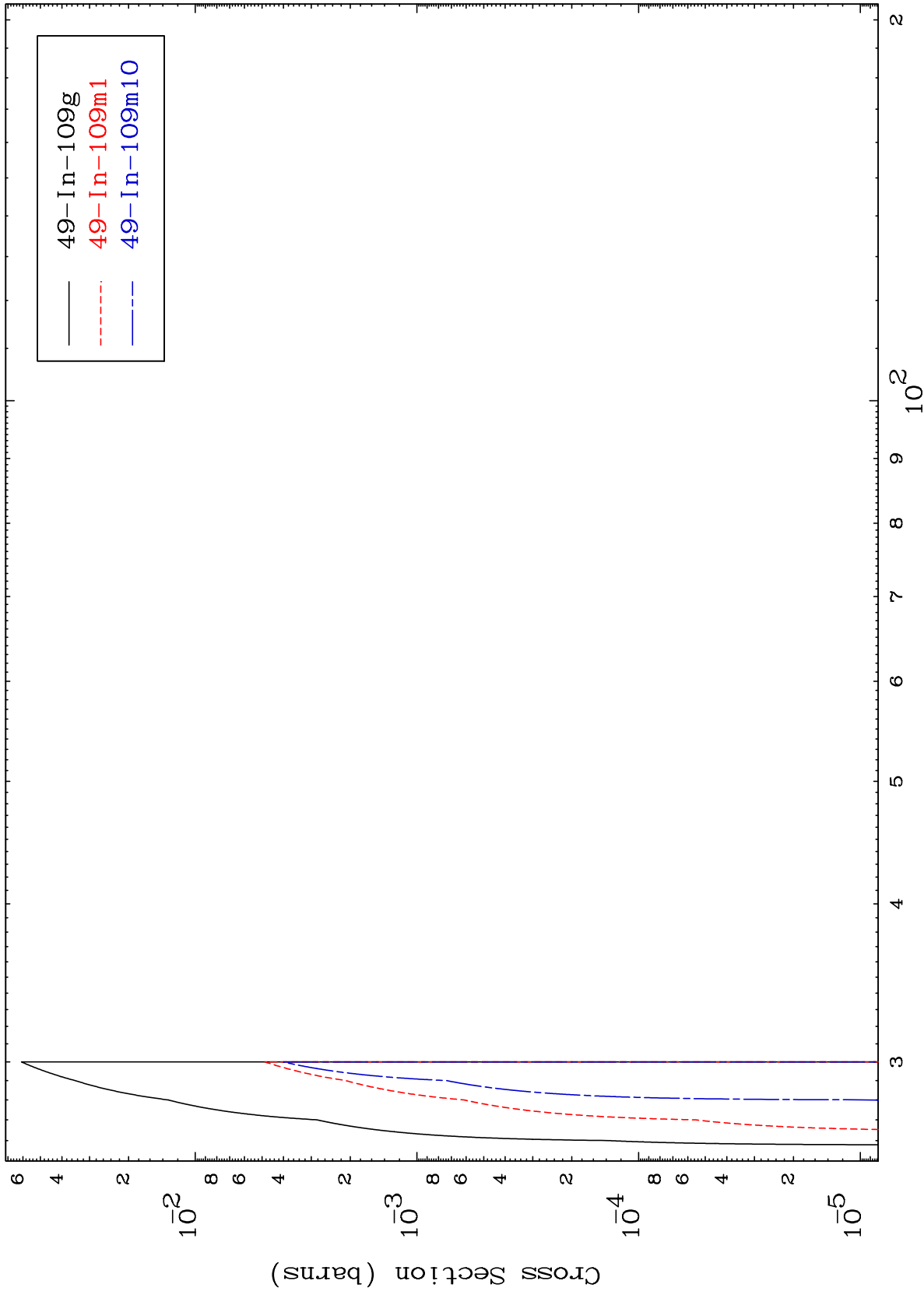
27

MAT 4923

(n,4n)

49-In-112

Radionuclide Production Cross Section



28

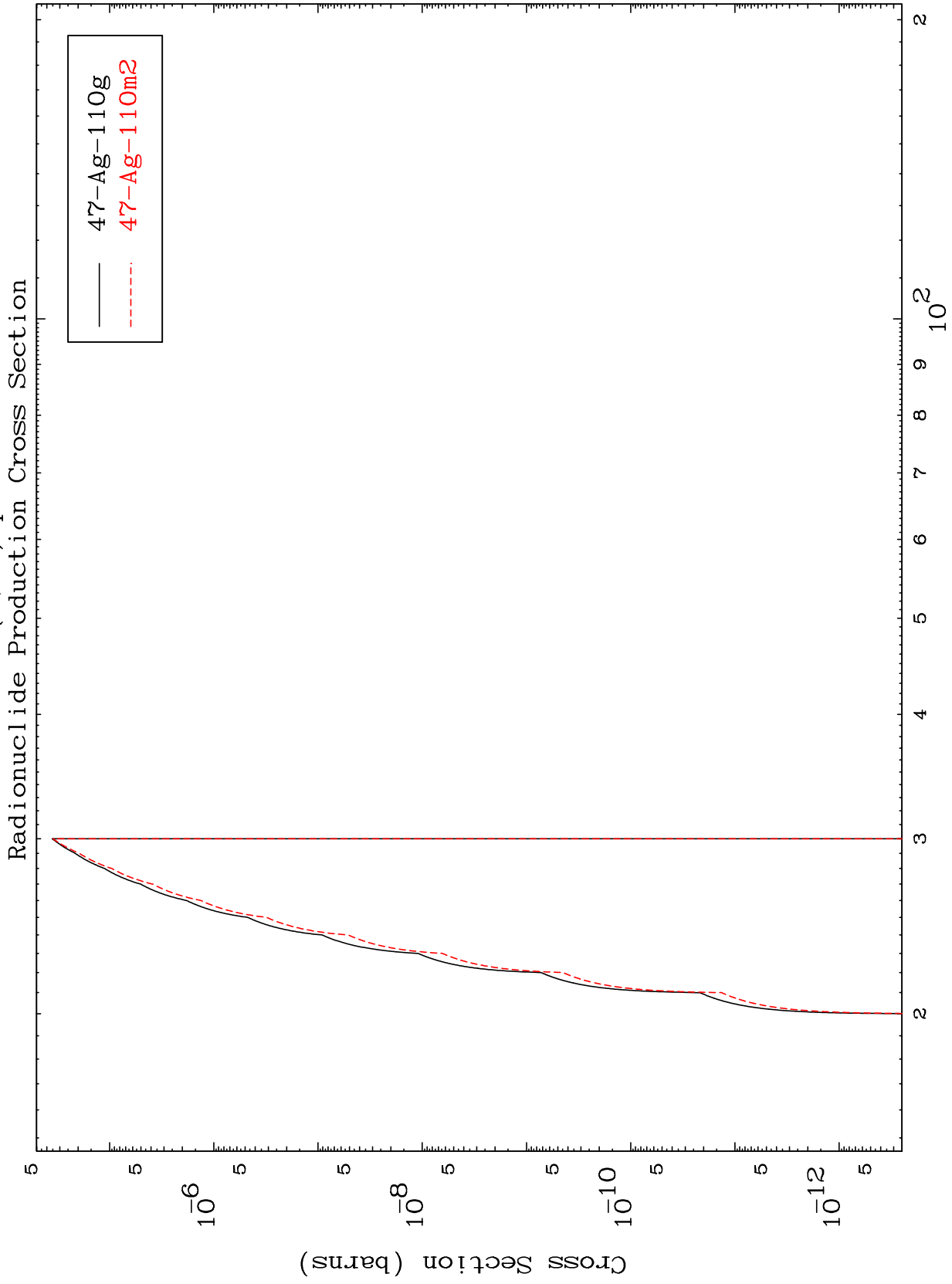
Incident Energy (MeV)

49-In-112

MAT 4923

(n,2n) p

49-In-112



29

Incident Energy (MeV)

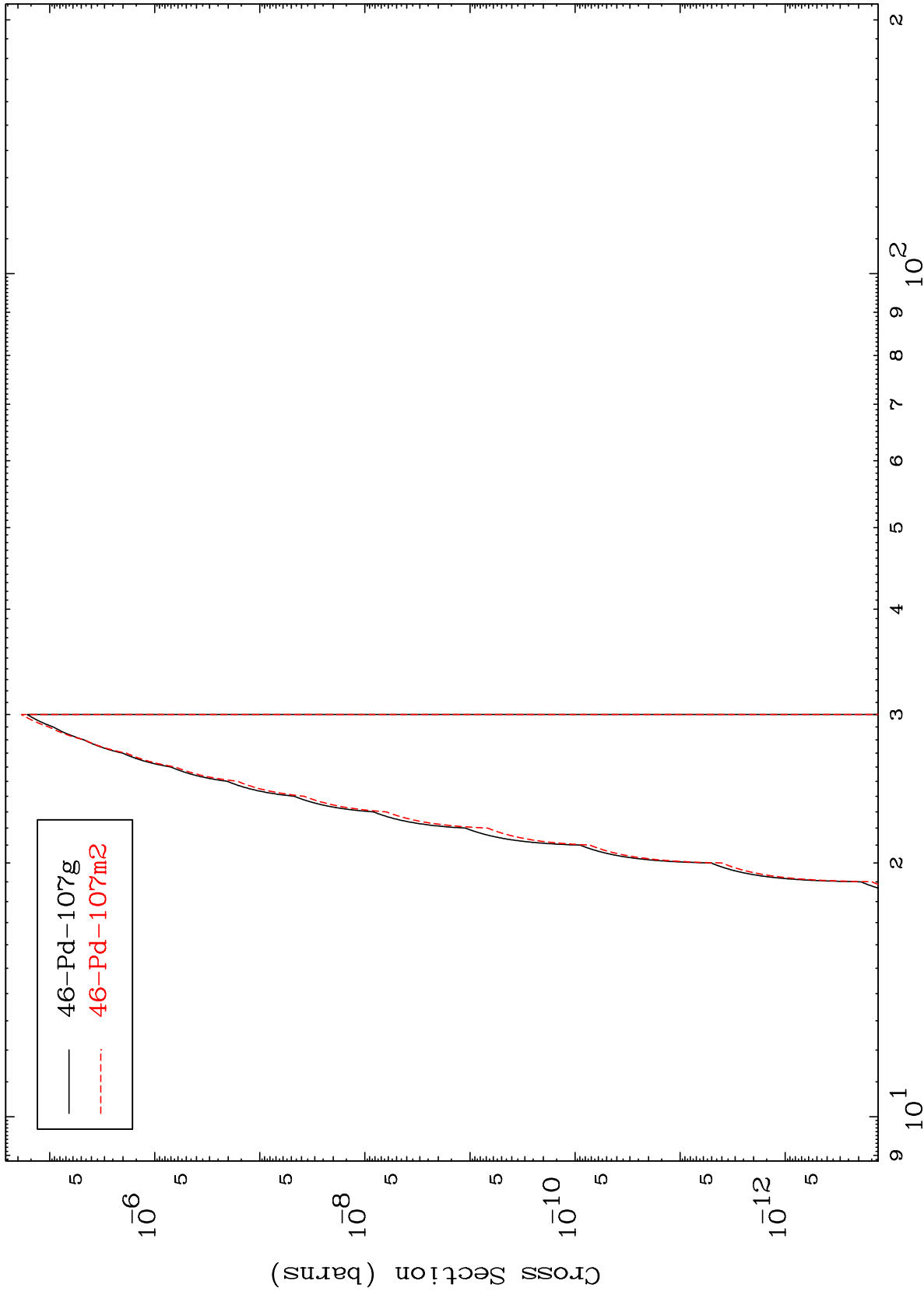
49-In-112

MAT 4923

(n,n') p α

49-In-112

Radionuclide Production Cross Section



30

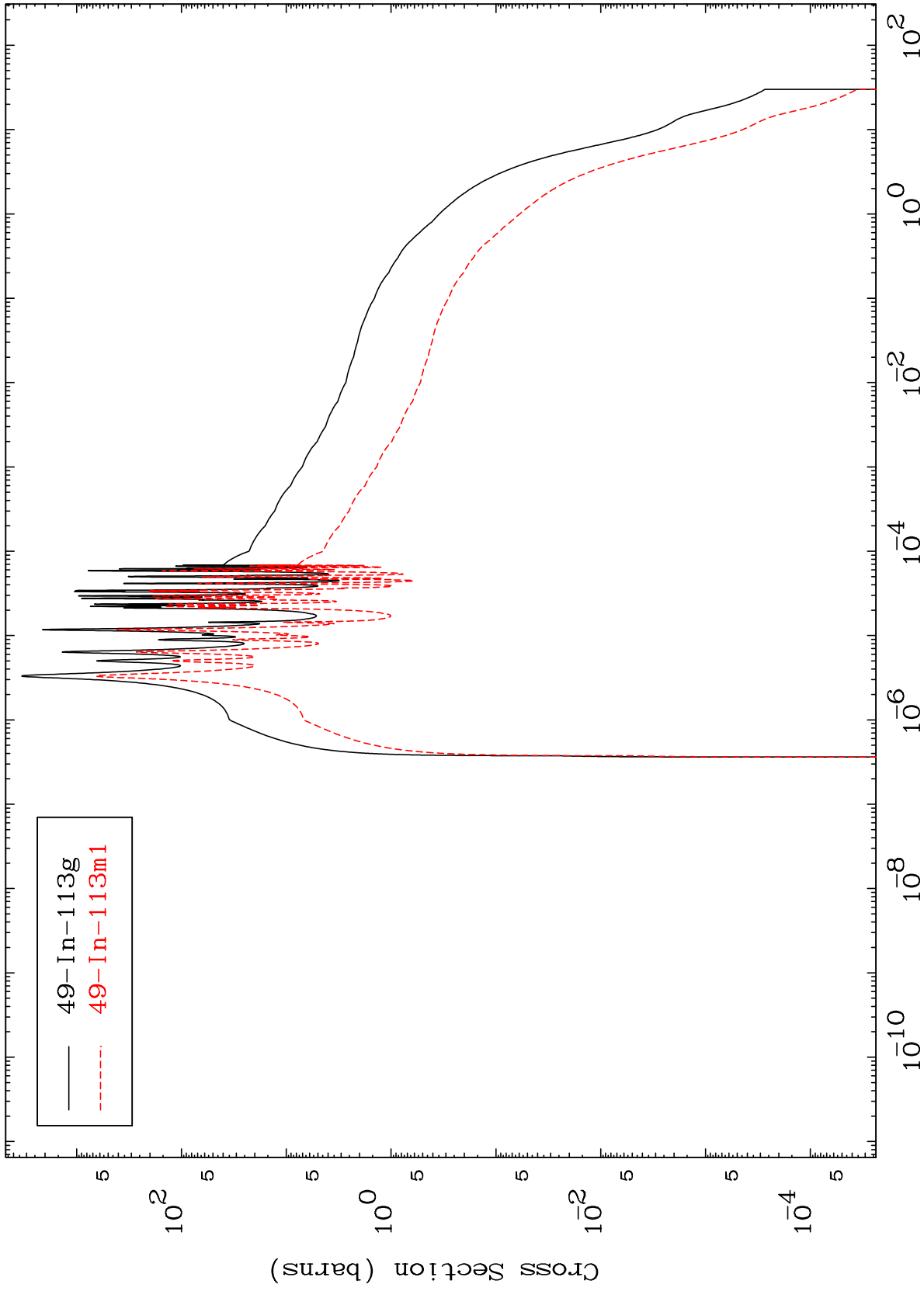
Incident Energy (MeV)

49-In-112

MAT 4923

49-In-112

Radionuclide Production Cross Section



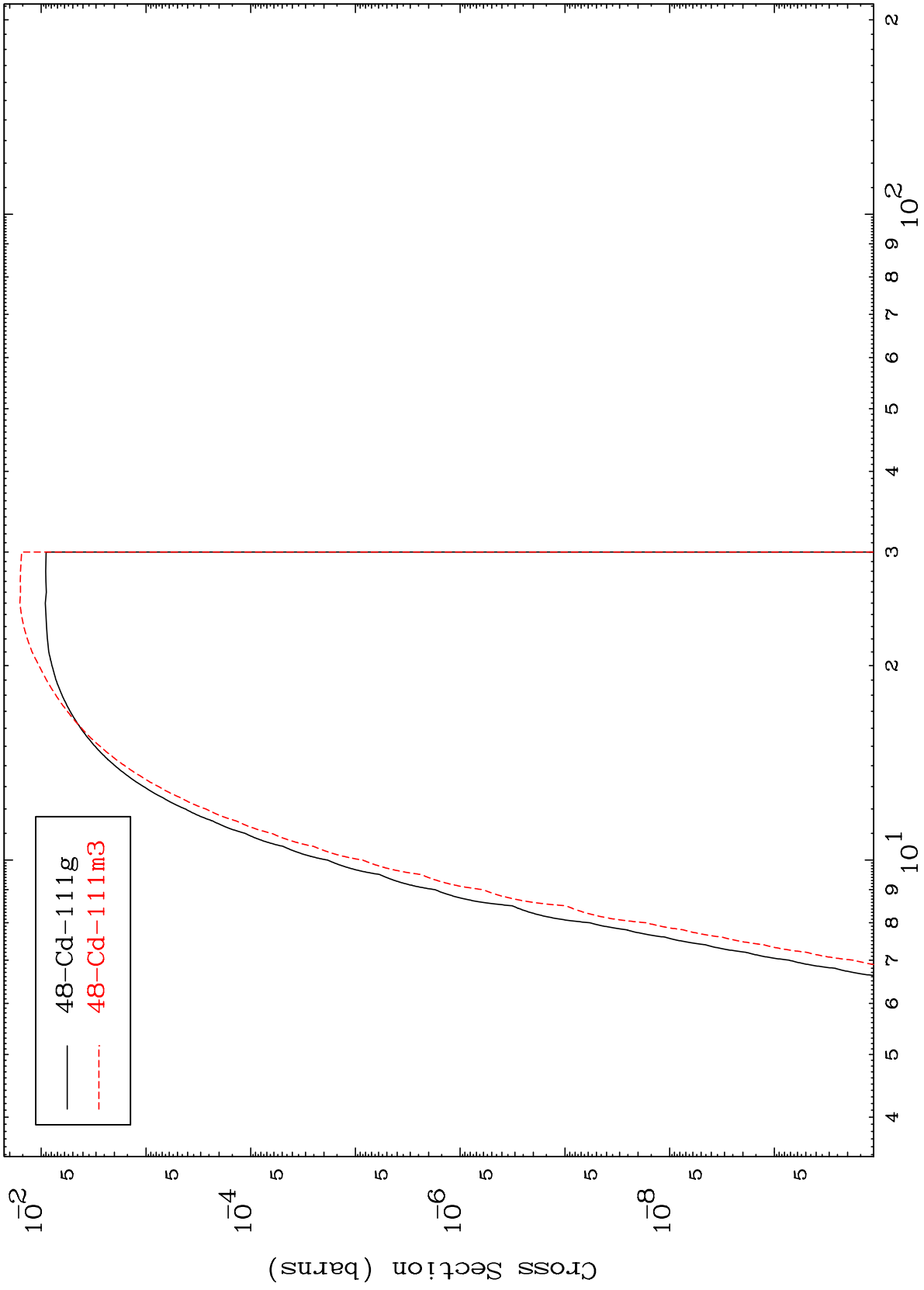
31

49-In-112

MAT 4923

49-In-112

(n,d)
Radionuclide Production Cross Section



32

49-In-112

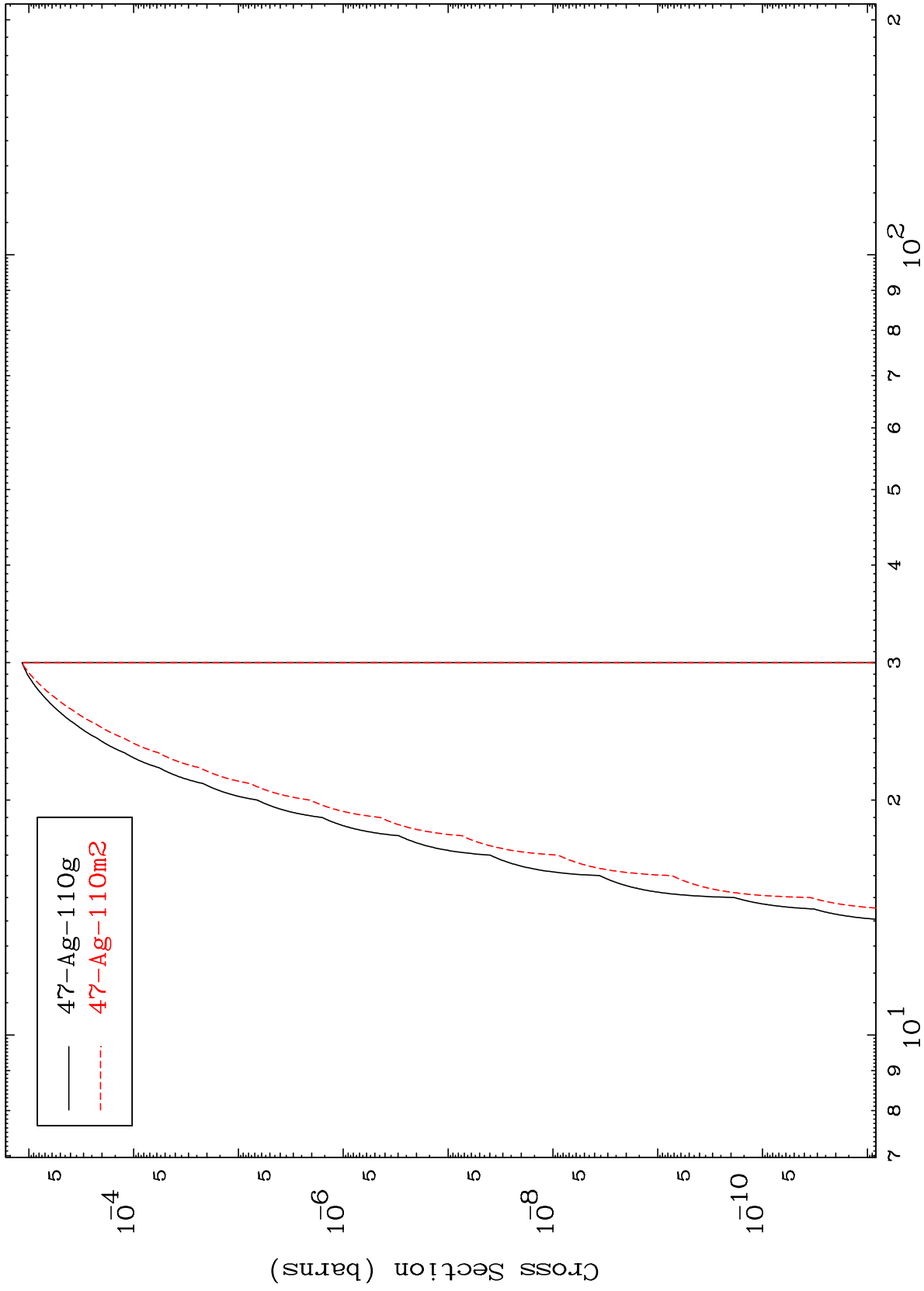
Incident Energy (MeV)

MAT 4923

(n, He-3)

49-In-112

Radionuclide Production Cross Section



33

Incident Energy (MeV)

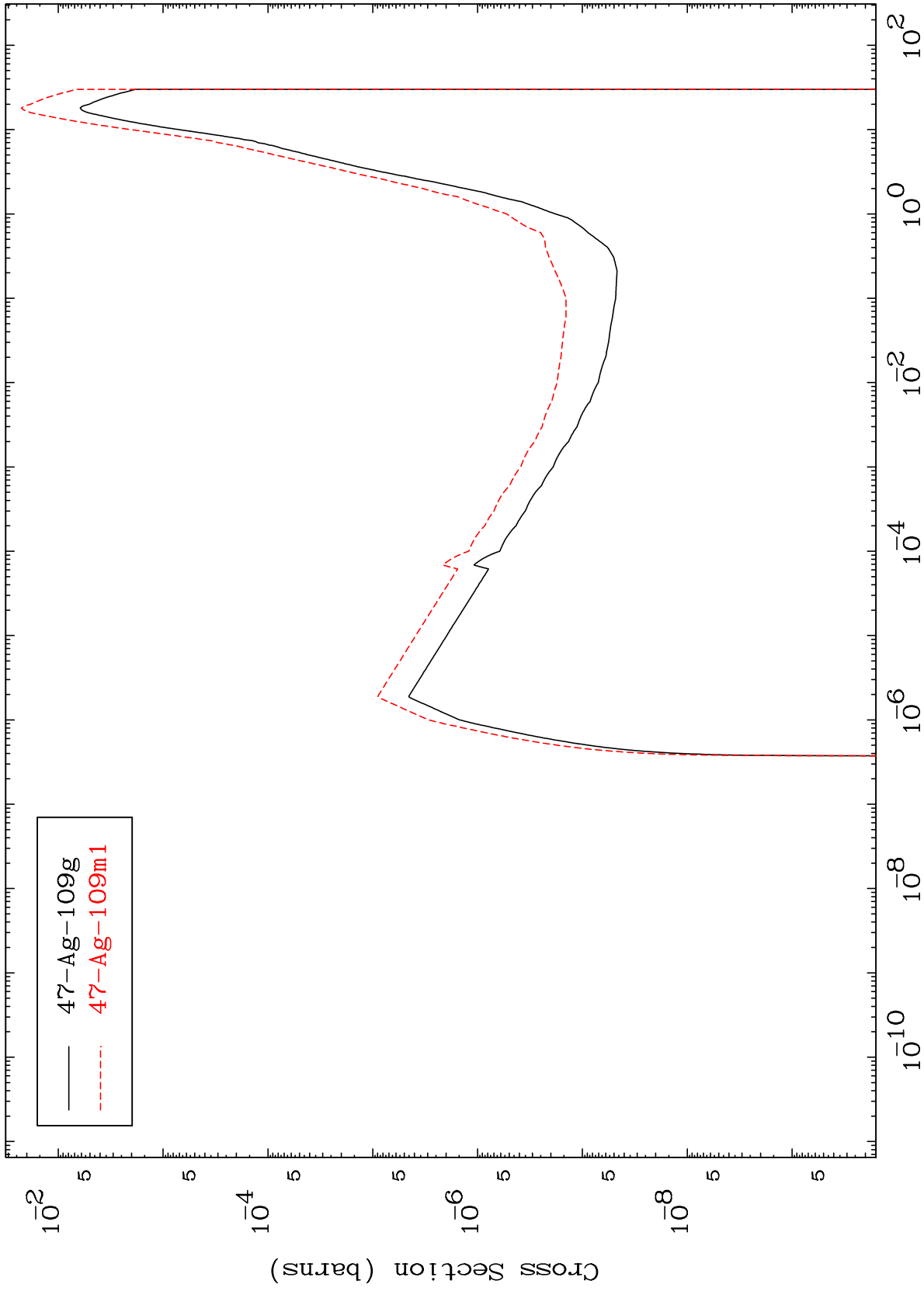
49-In-112

MAT 4923

(n, α)

49-In-112

Radionuclide Production Cross Section



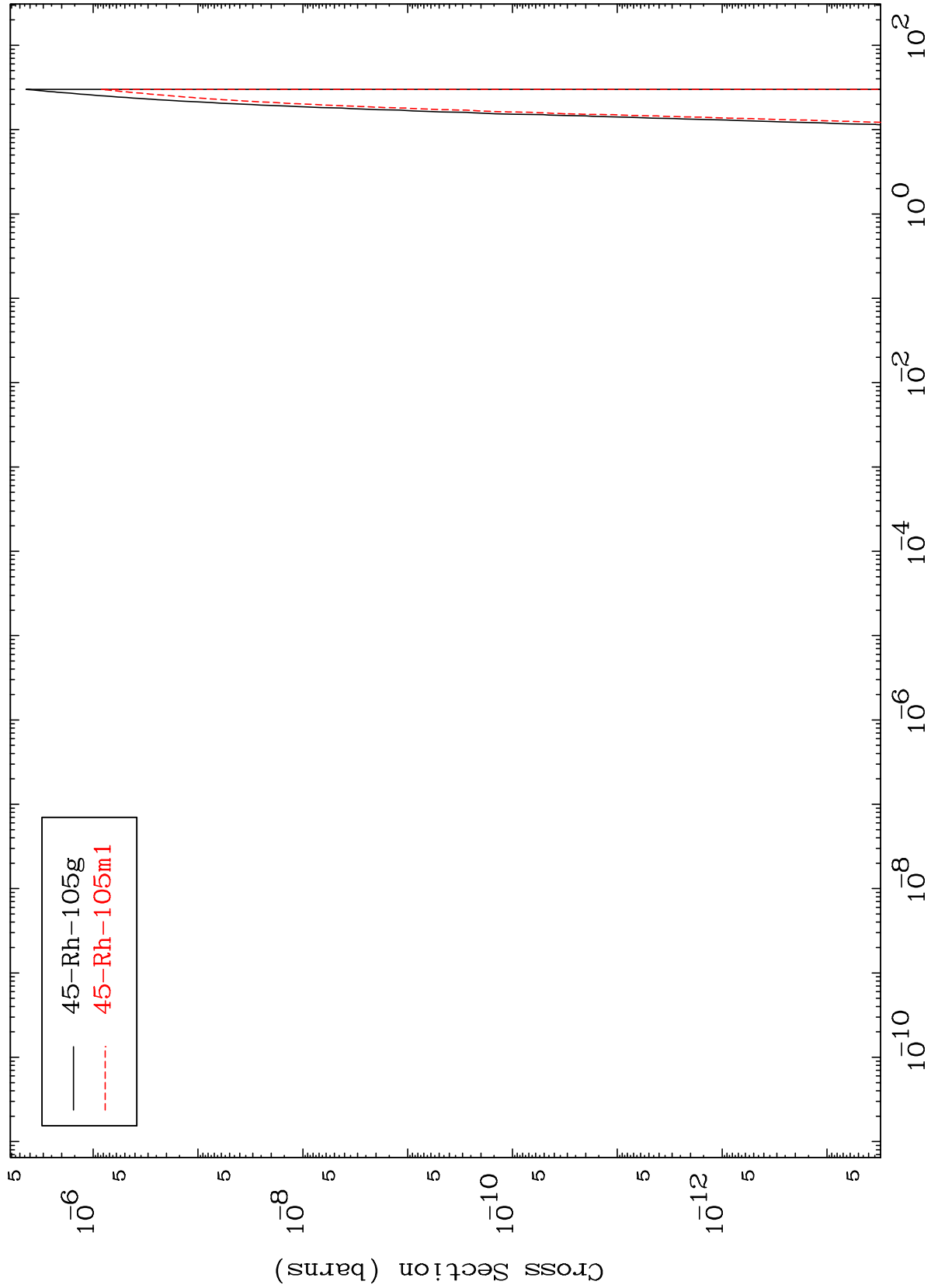
— 47-Ag-109g
- - - 47-Ag-109m1

MAT 4923

(n,2α)

49-In-112

Radionuclide Production Cross Section



35

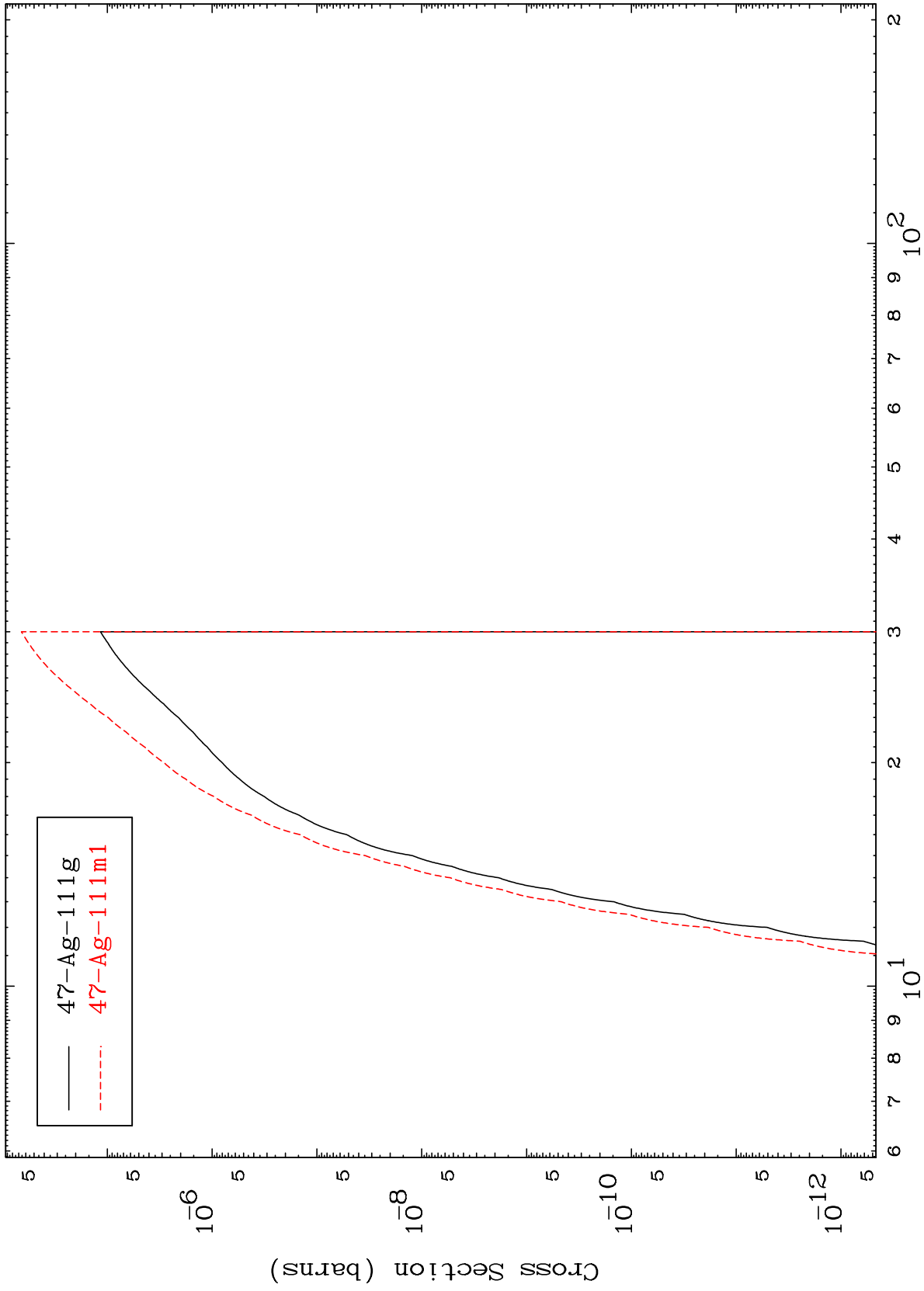
Incident Energy (MeV)

49-In-112

MAT 4923

49-In-112

Radionuclide Production Cross Section (n,2p)



— 47-Ag-111g
- - - 47-Ag-111m1

36

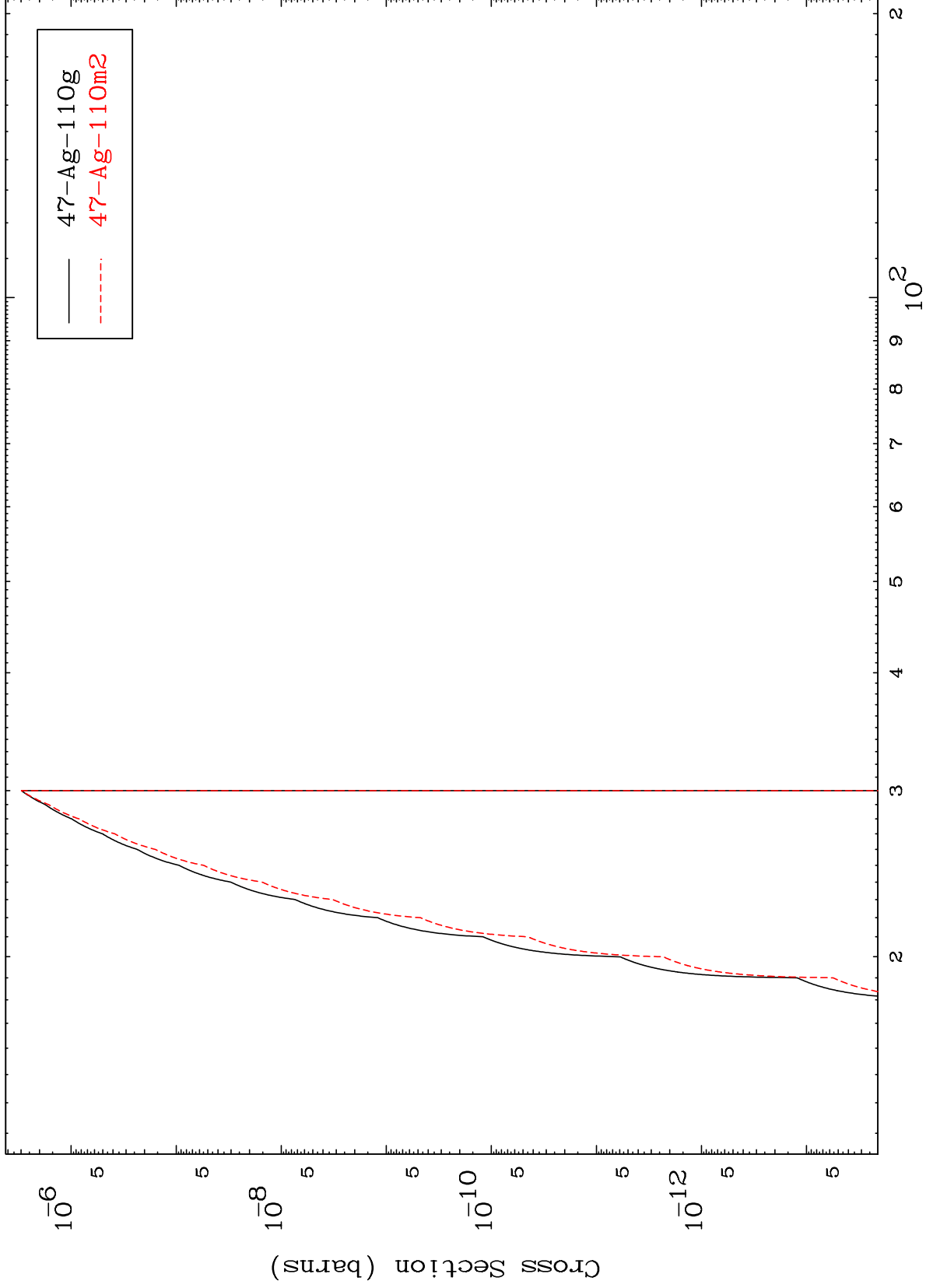
49-In-112

MAT 4923

(n,p) d

49-In-112

Radionuclide Production Cross Section



37

Incident Energy (MeV)

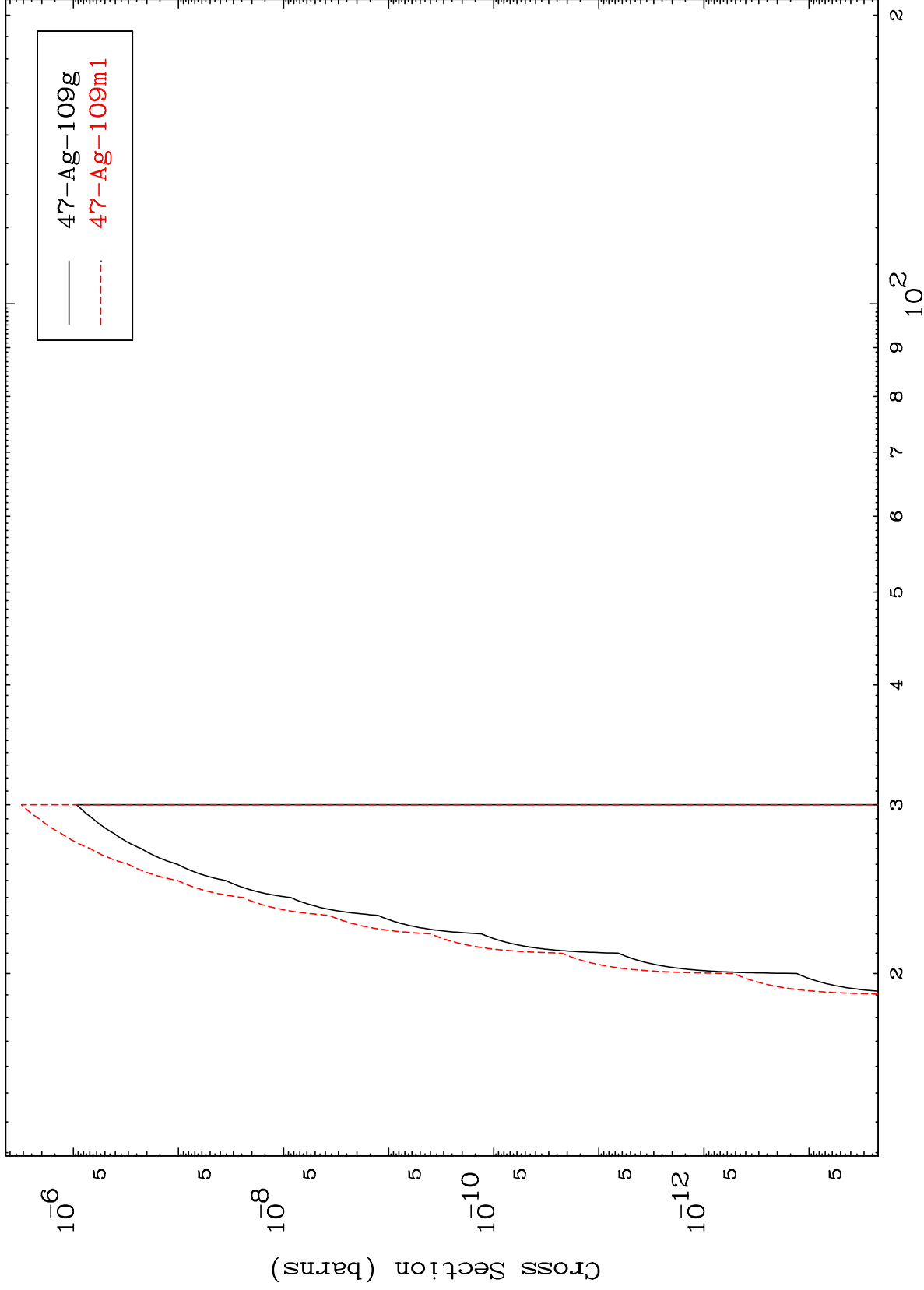
49-In-112

MAT 4923

(n,p) t

49-In-112

Radionuclide Production Cross Section



38

Incident Energy (MeV)

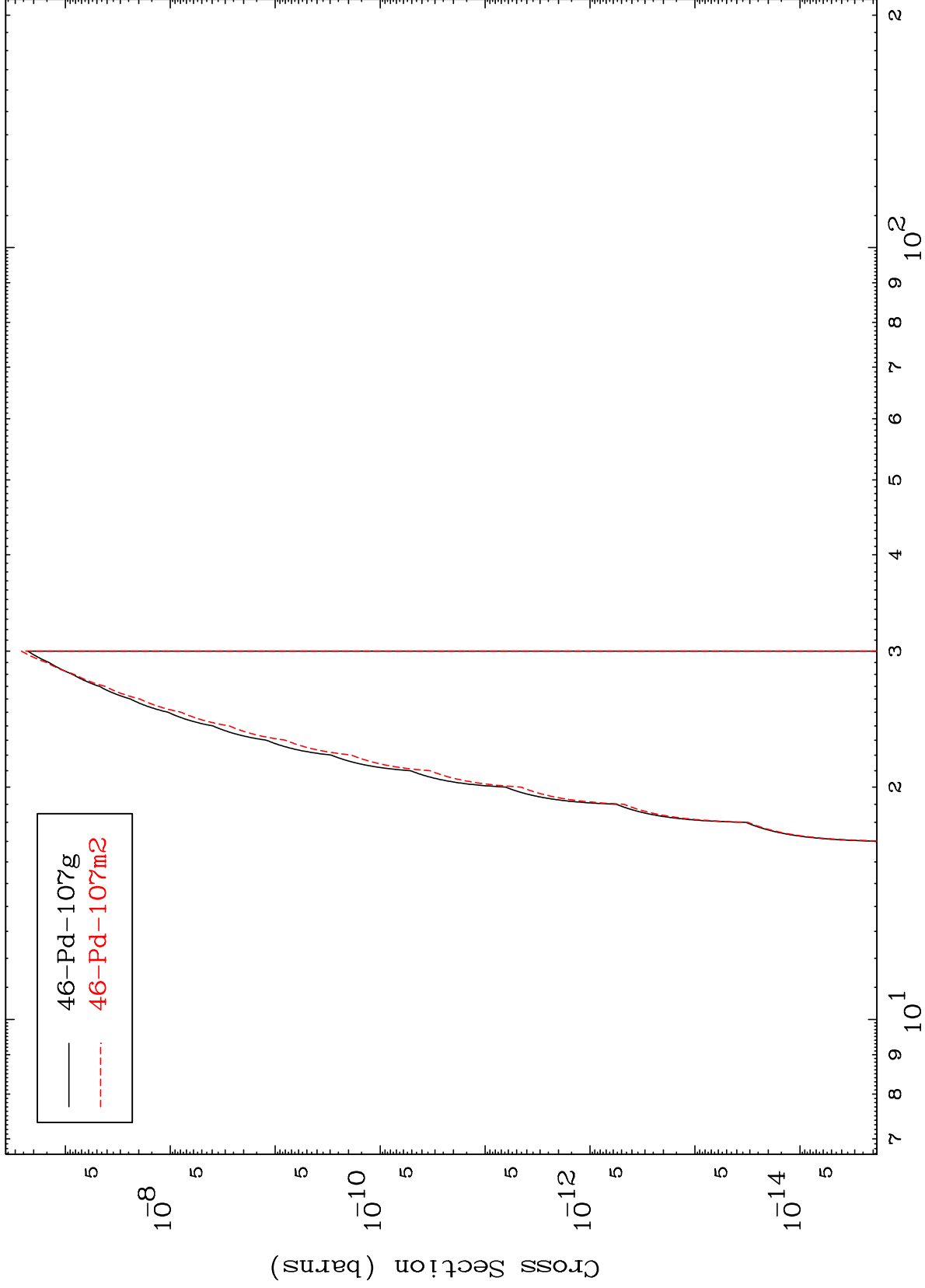
49-In-112

MAT 4923

(n,d) α

49-In-112

Radionuclide Production Cross Section



46-Pd-107g
46-Pd-107m2

39

Incident Energy (MeV)

49-In-112