

Program EVALPLOT
(Version 2018-1)

by

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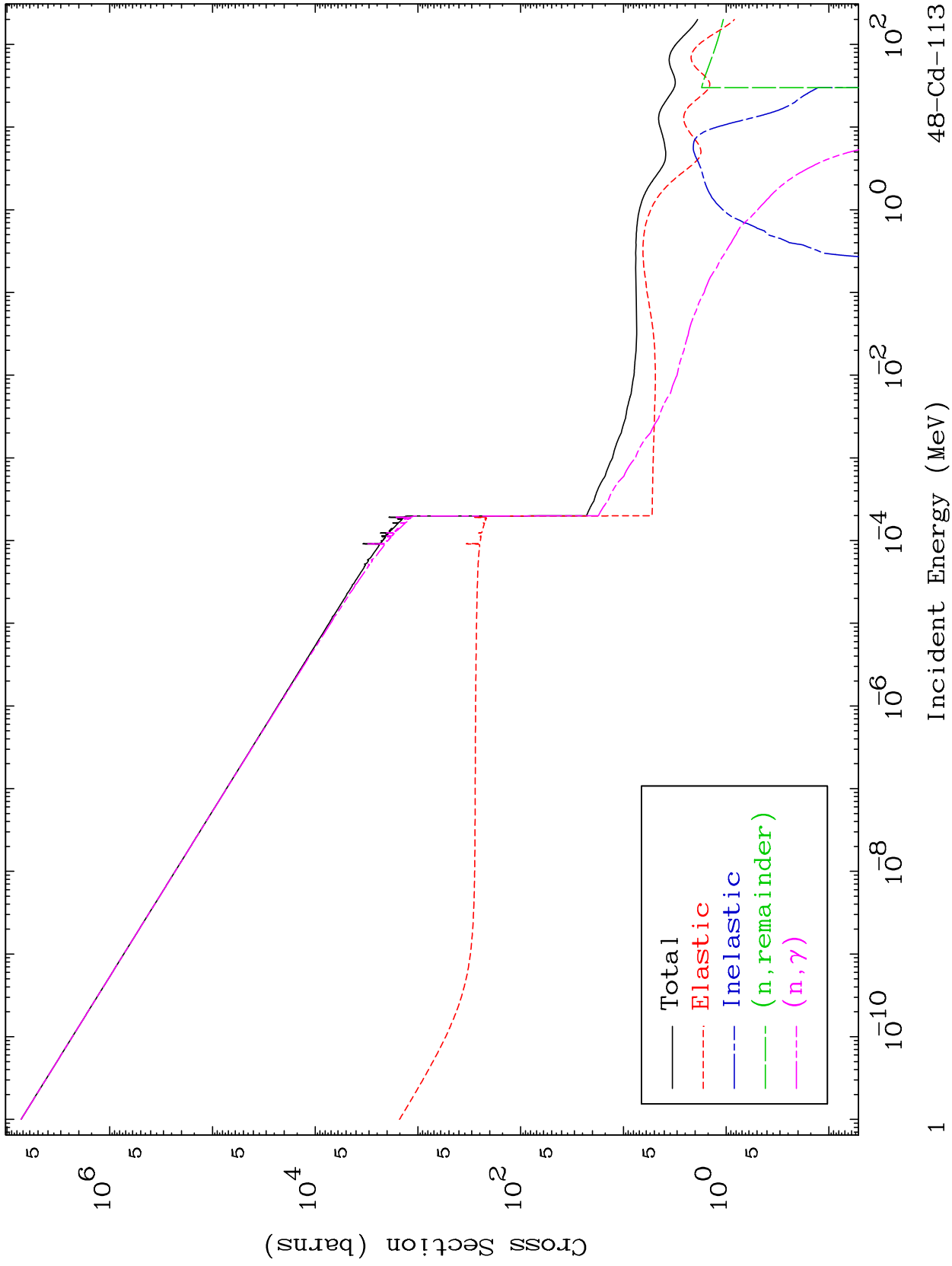
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4847

Major
293 Kelvin Cross Sections

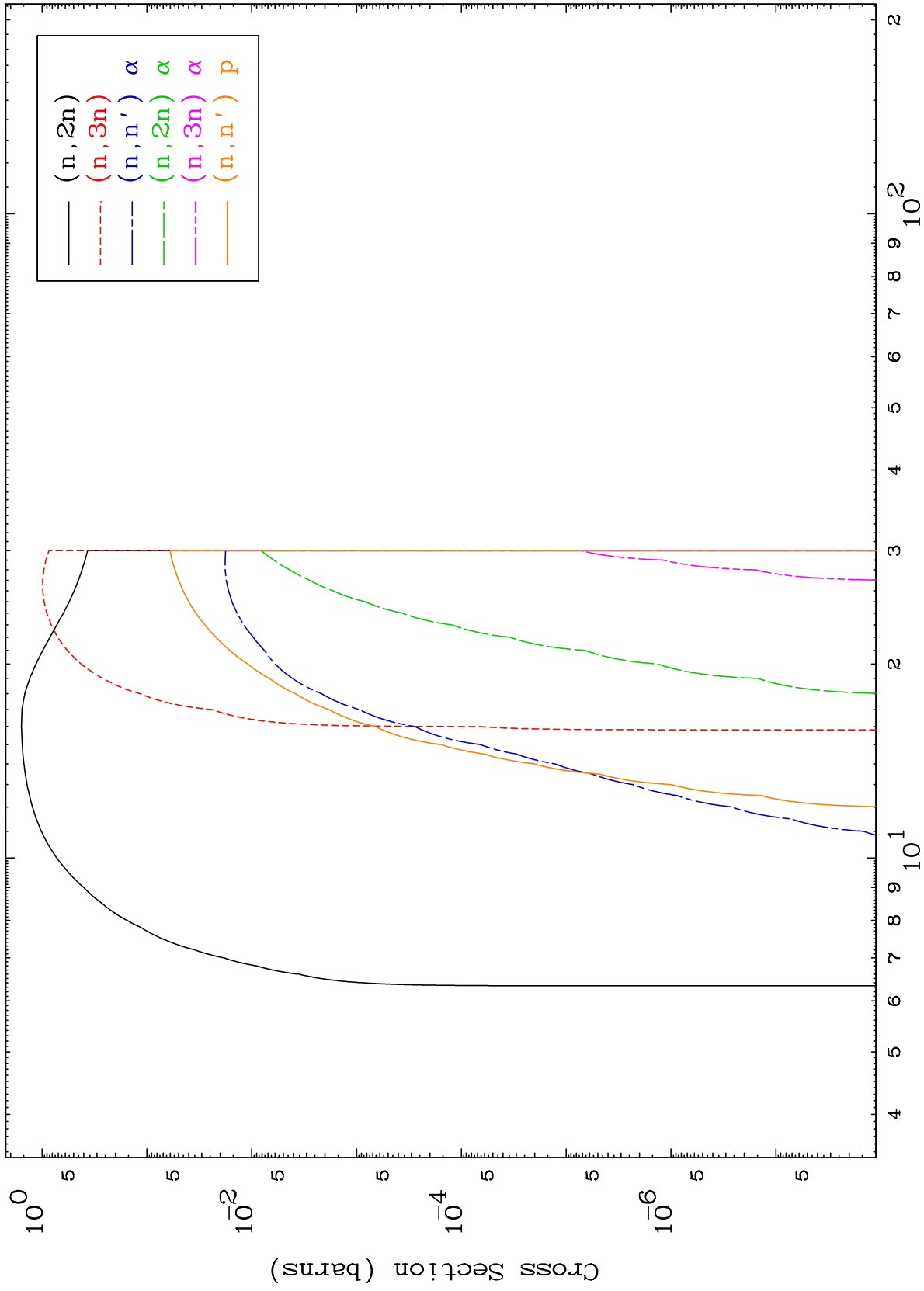
48-Cd-113



MAT 4847

Neutron Production 293 Kelvin Cross Sections

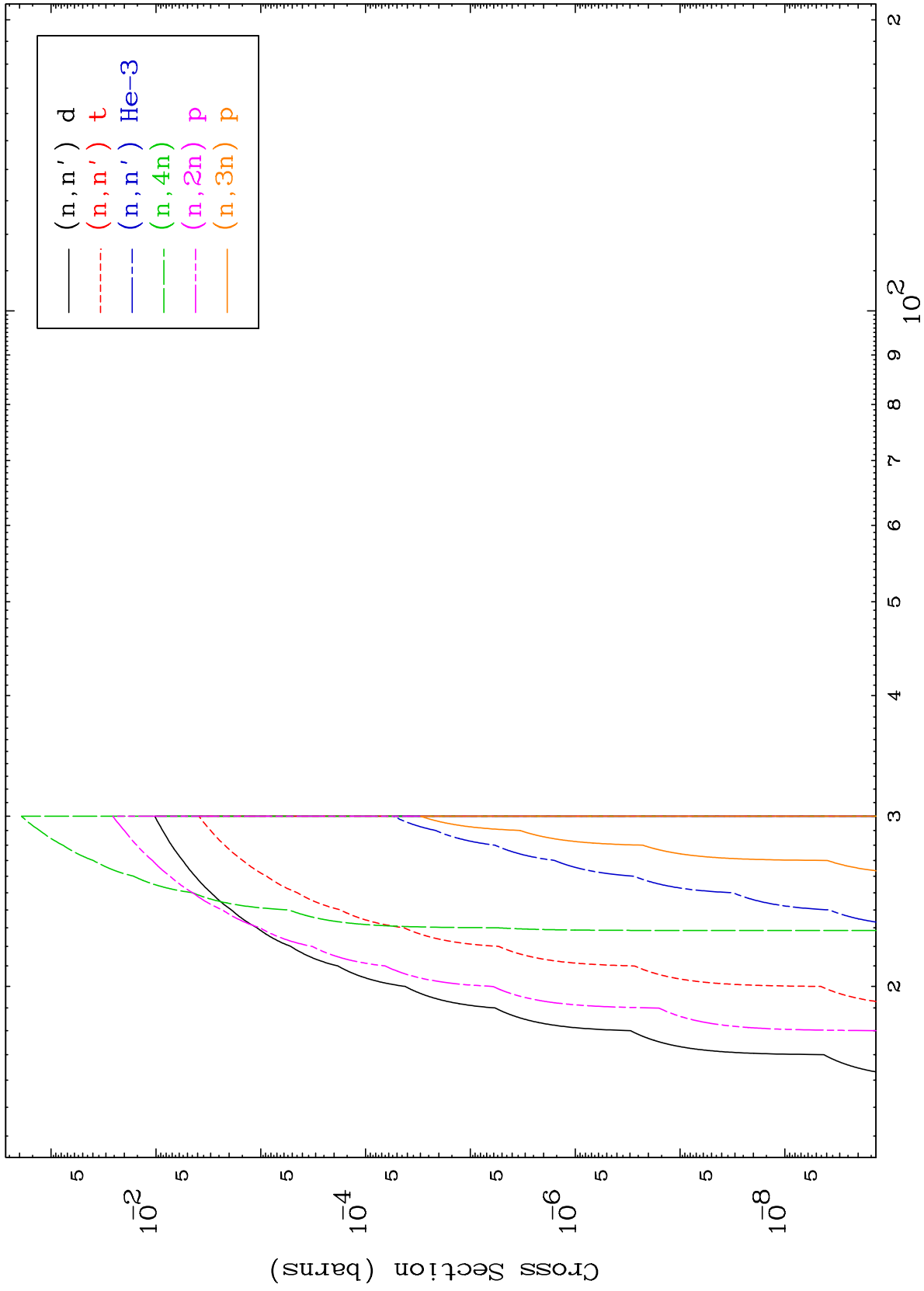
48-Cd-113



2

Incident Energy (MeV)

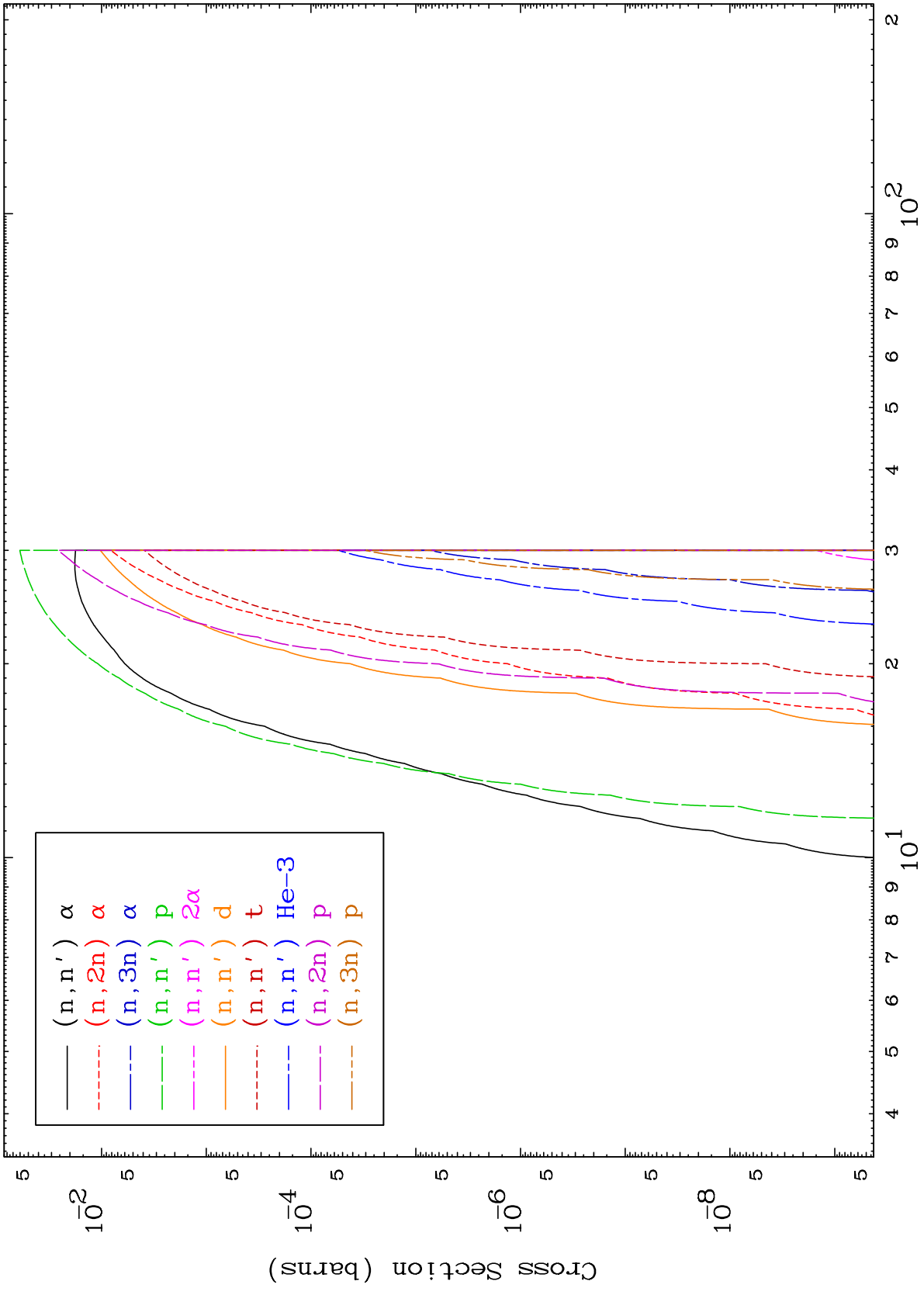
48-Cd-113



MAT 4847

Charged Particle
293 Kelvin Cross Sections

48-Cd-113



4

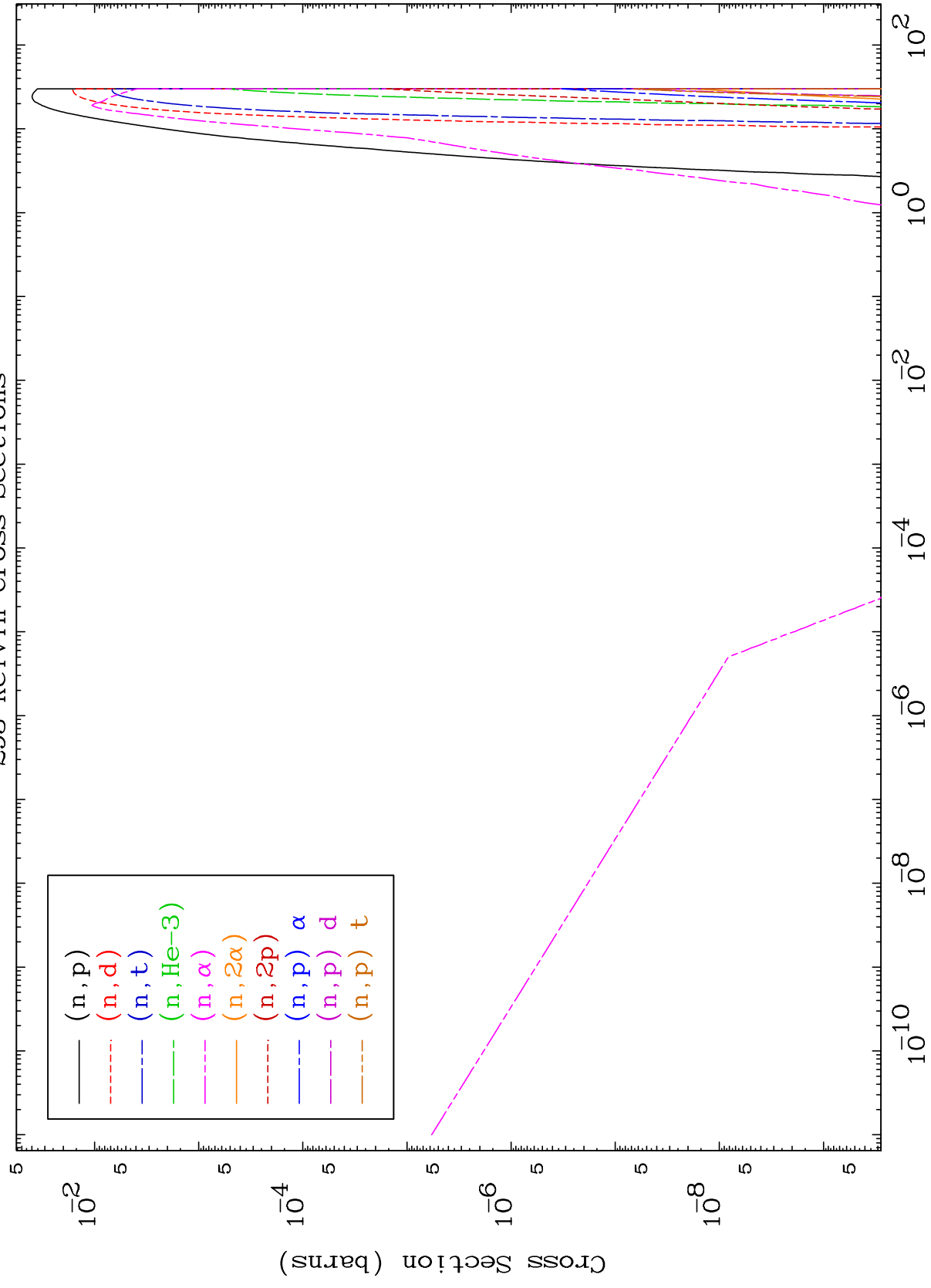
Incident Energy (MeV)

48-Cd-113

MAT 4847

Charged Particle
293 Kelvin Cross Sections

48-Cd-113



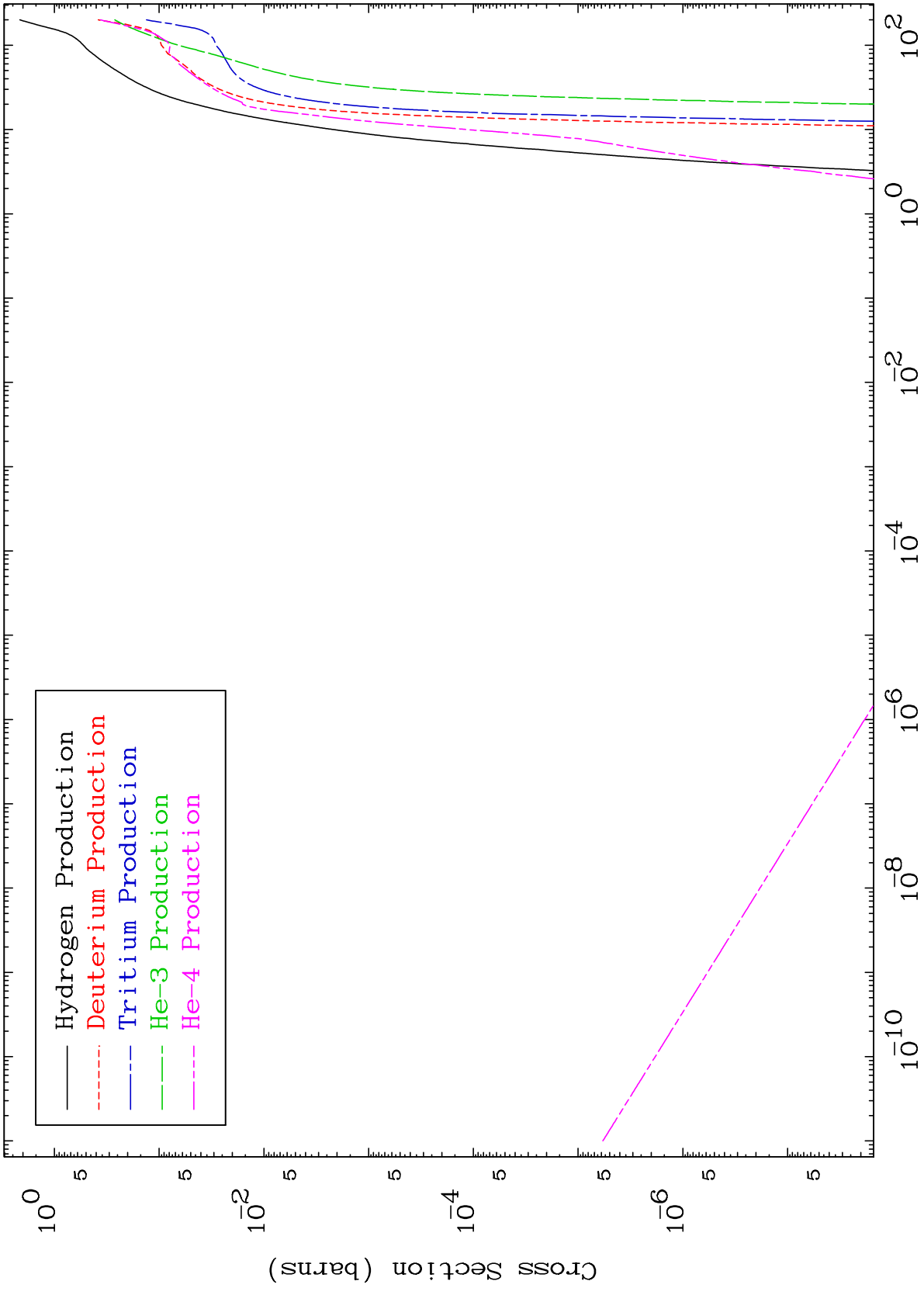
5

48-Cd-113

MAT 4847

Particle Production
293 Kelvin Cross Sections

48-Cd-113



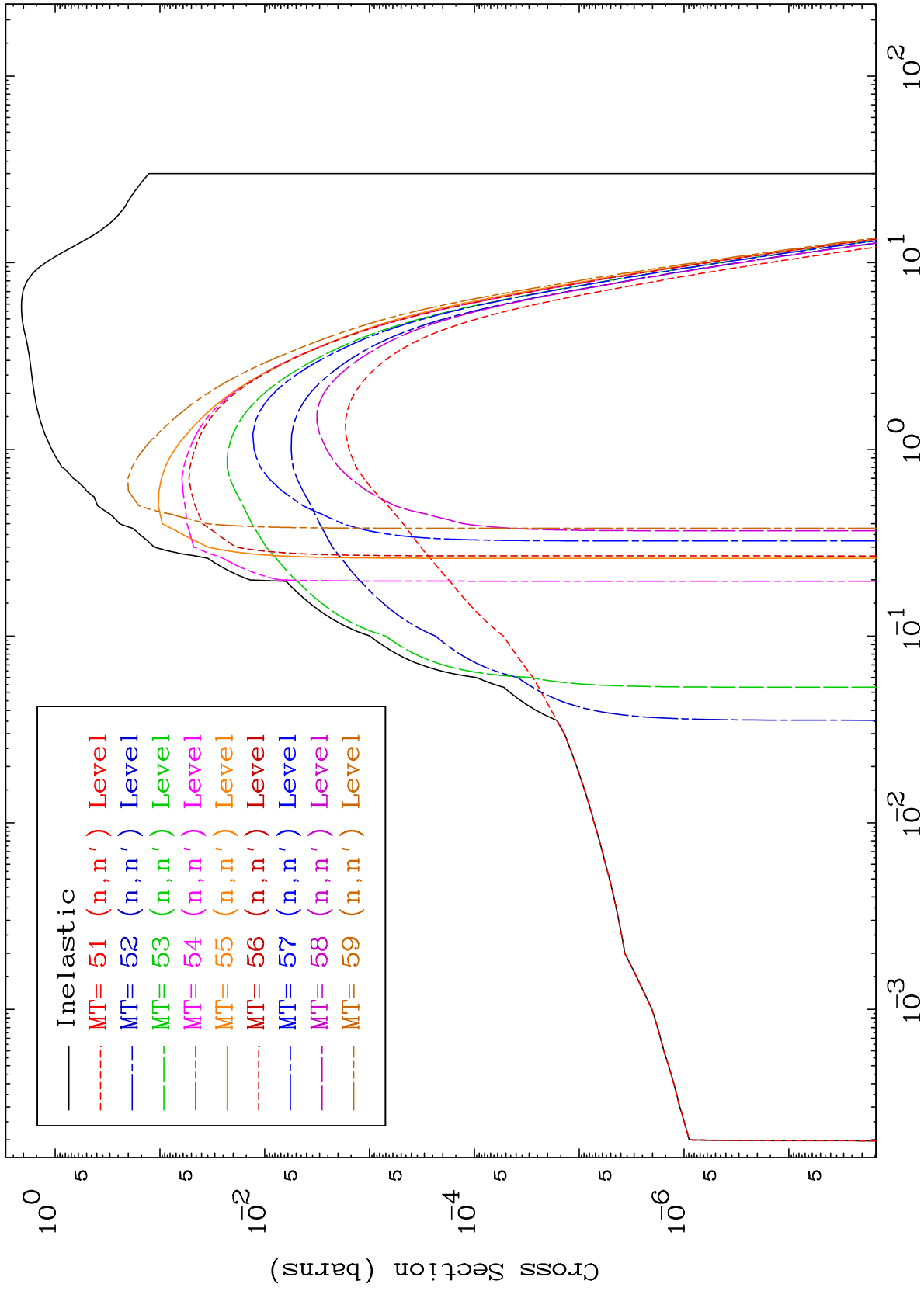
6

48-Cd-113

MAT 4847

293 Kelvin Cross Sections

48-Cd-113



7

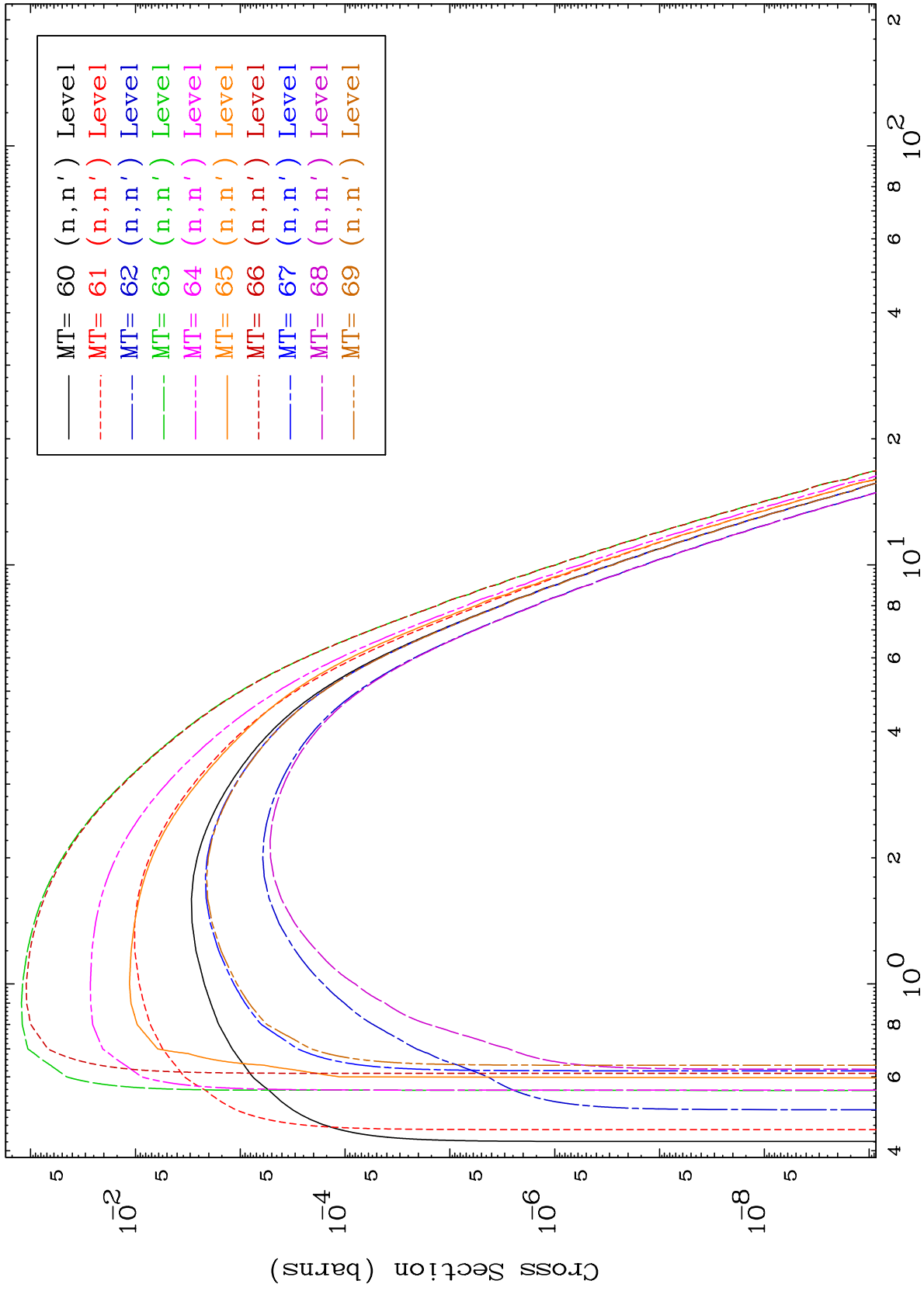
48-Cd-113

MAT 4847

(n,n') Level

48-Cd-113

293 Kelvin Cross Sections



8

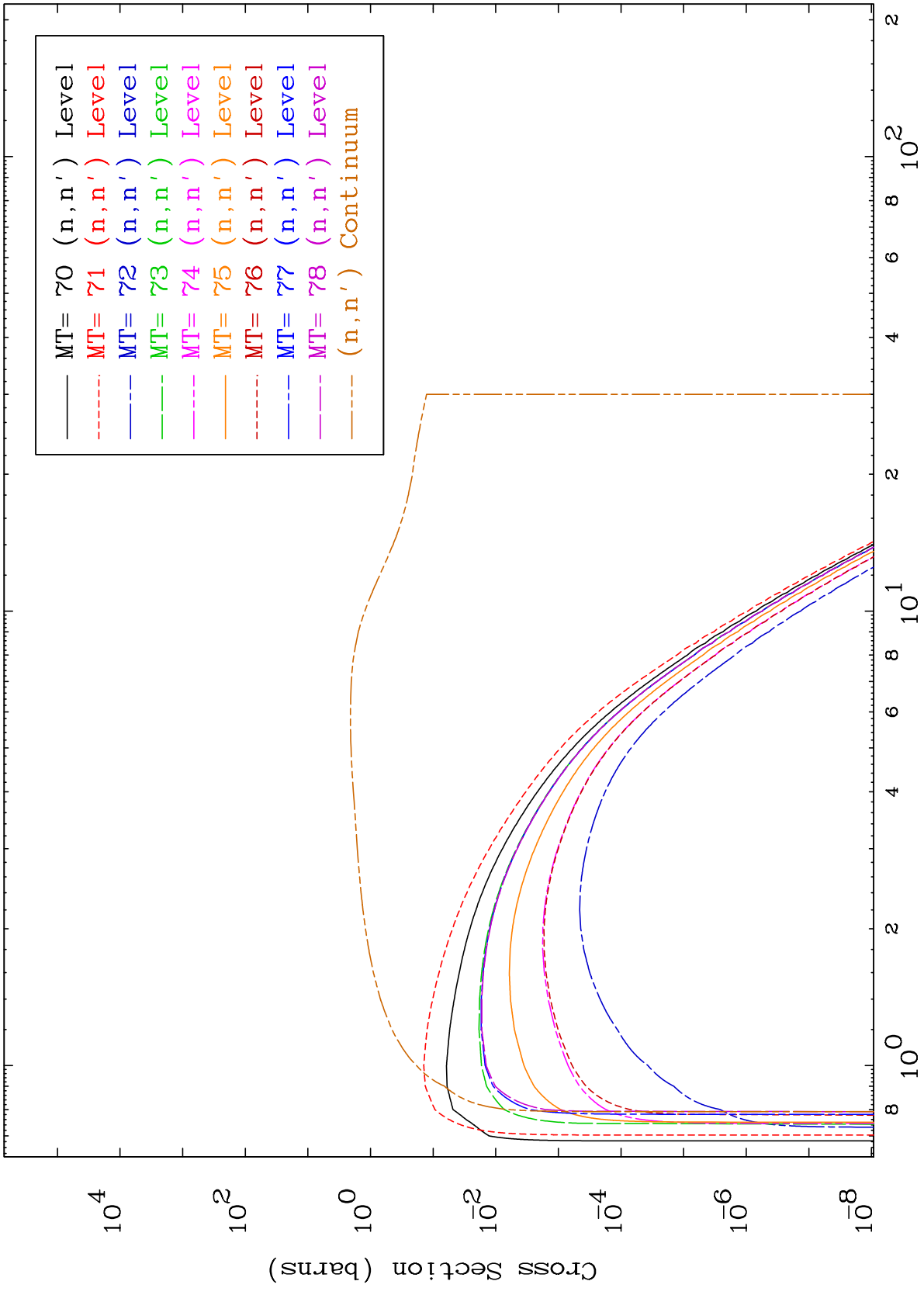
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,n') Level
293 Kelvin Cross Sections

48-Cd-113



9

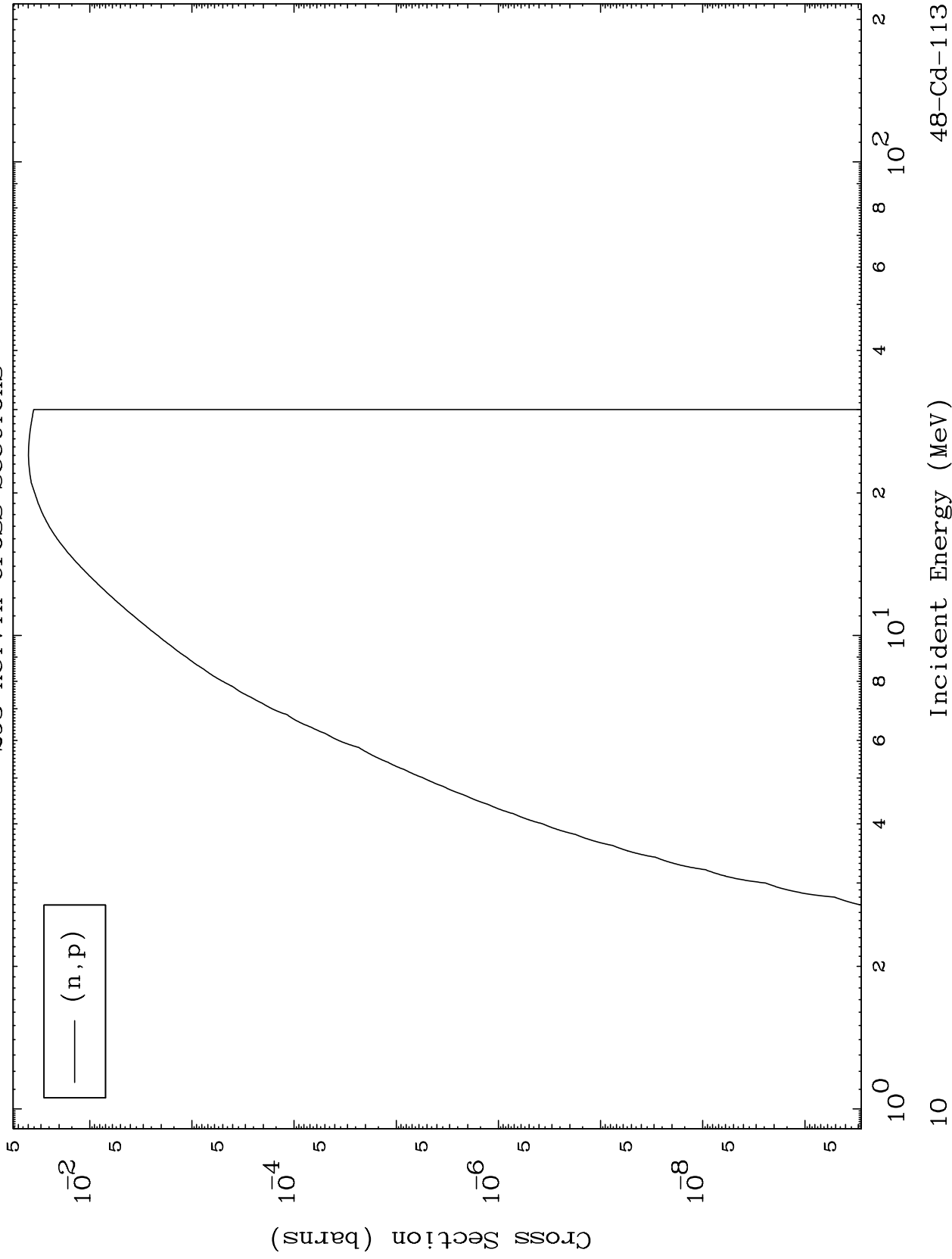
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,p) Levels
293 Kelvin Cross Sections

48-Cd-113

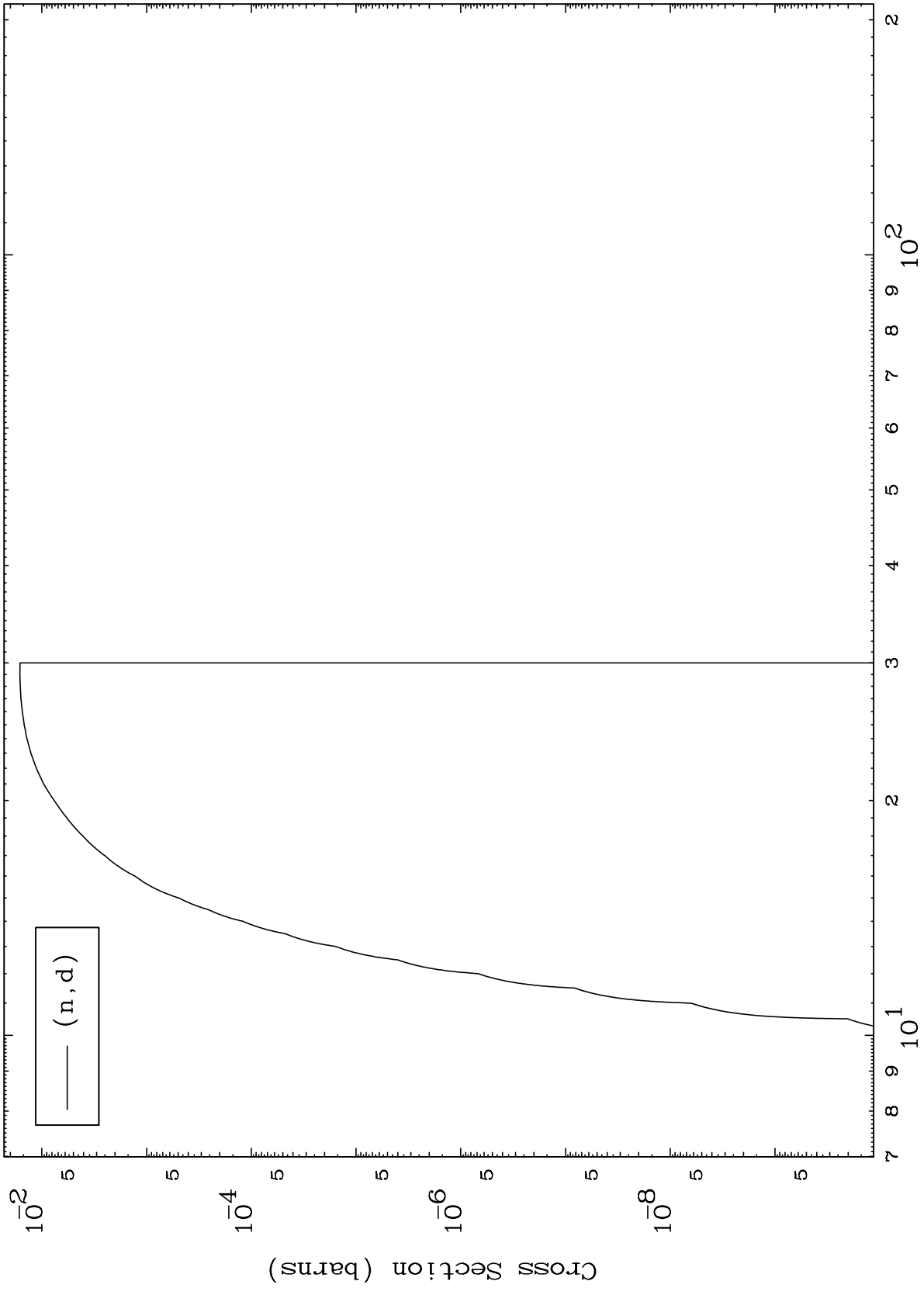


48-Cd-113

MAT 4847

(n,d) Levels
293 Kelvin Cross Sections

48-Cd-113



11

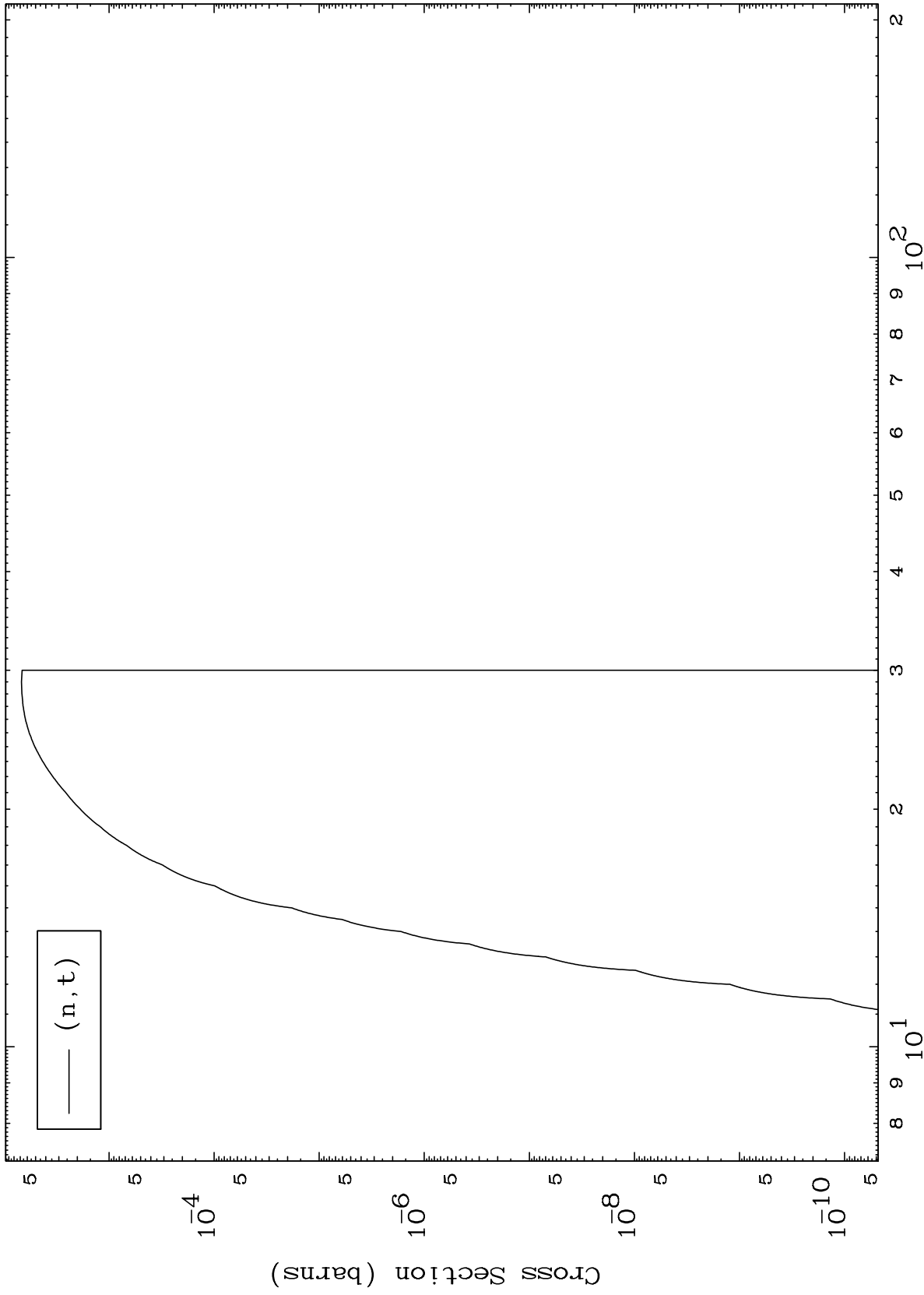
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,t) Levels
293 Kelvin Cross Sections

48-Cd-113



12

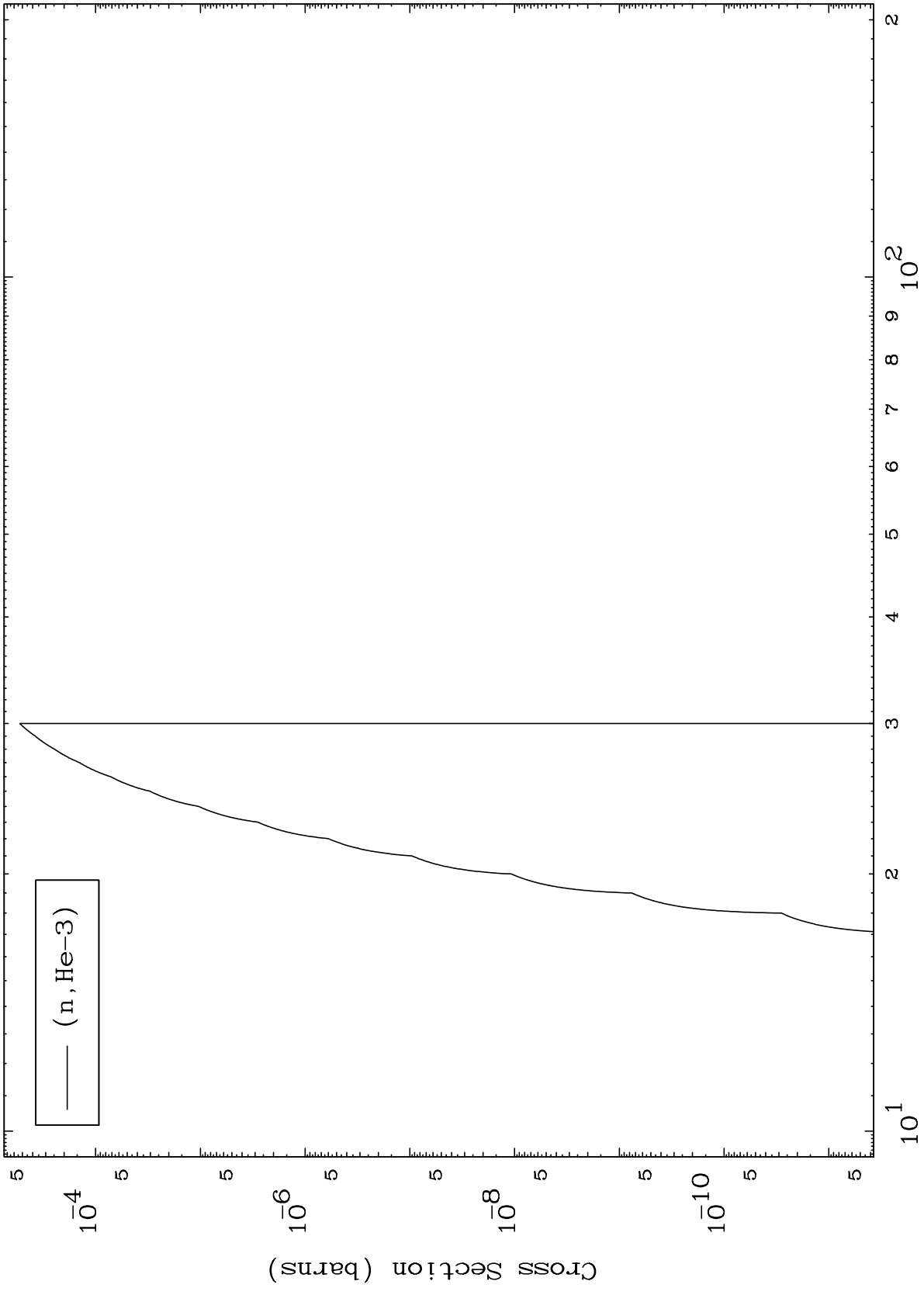
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,He3) Levels
293 Kelvin Cross Sections

48-Cd-113



13

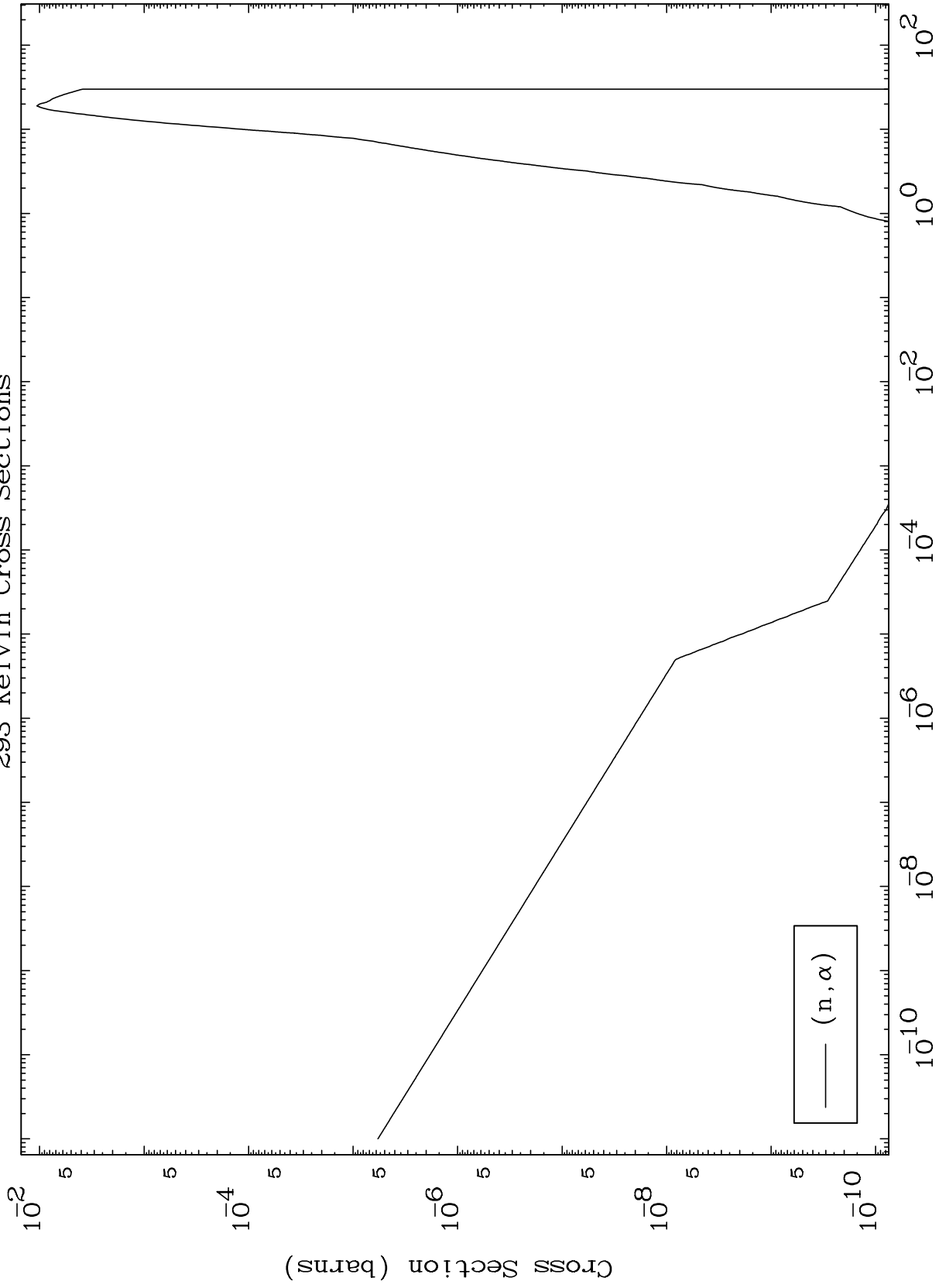
Incident Energy (MeV)

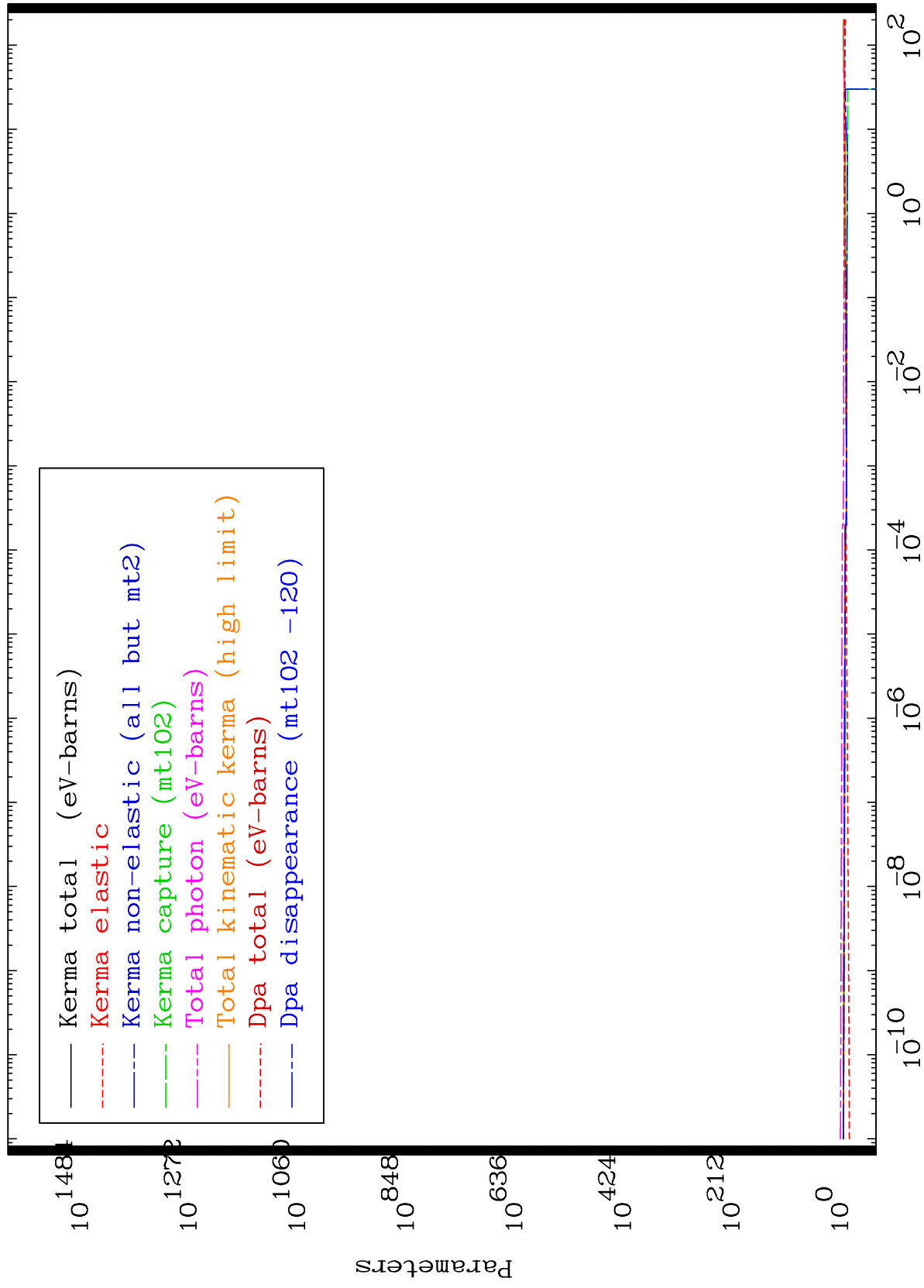
48-Cd-113

MAT 4847

(n, α) Levels
293 Kelvin Cross Sections

48-Cd-113





MAT 4847

Elastic Legendre Coefficients

48-Cd-113



48-Cd-113

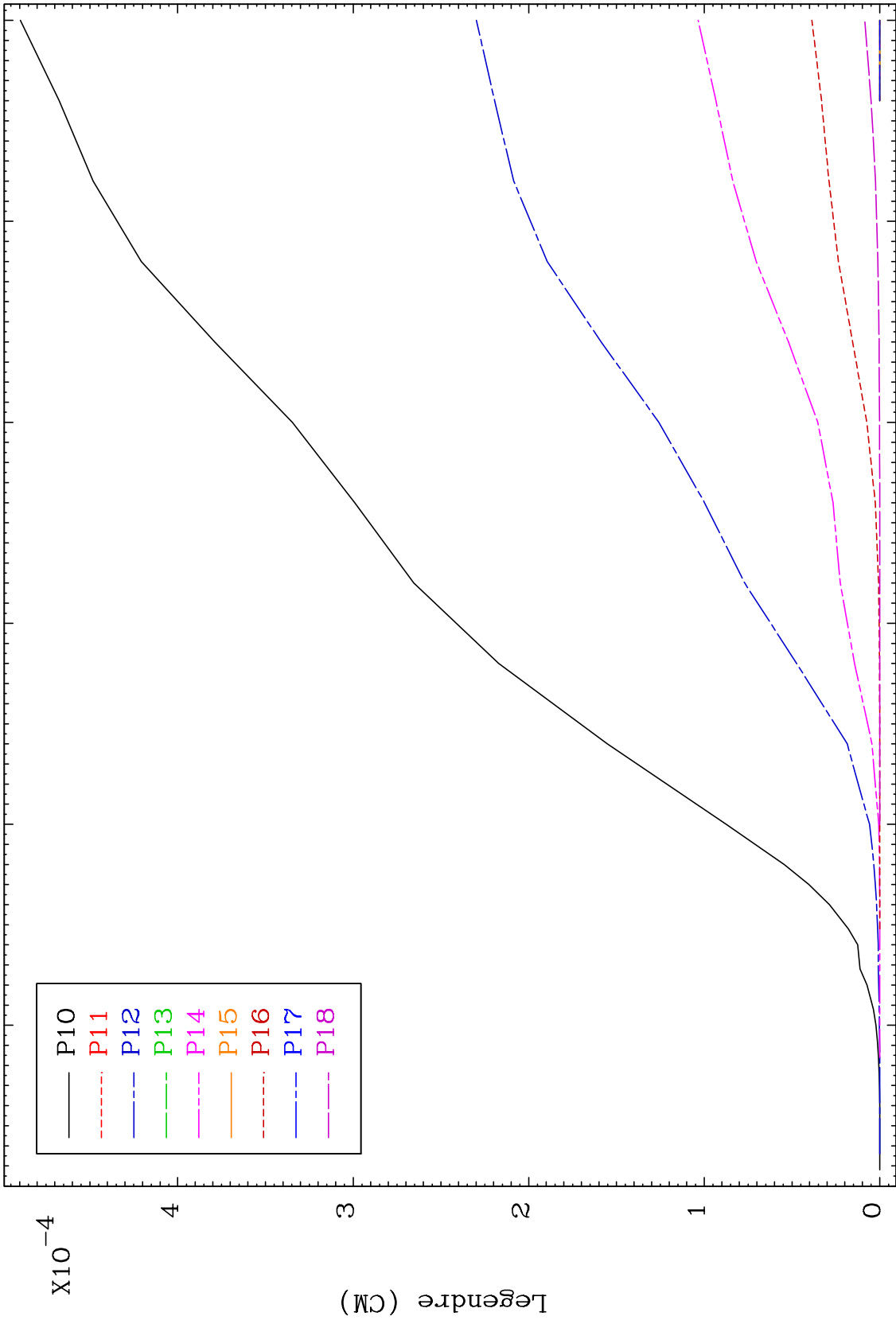
Incident Energy (MeV)

16

MAT 4847

Elastic Legendre Coefficients

48-Cd-113



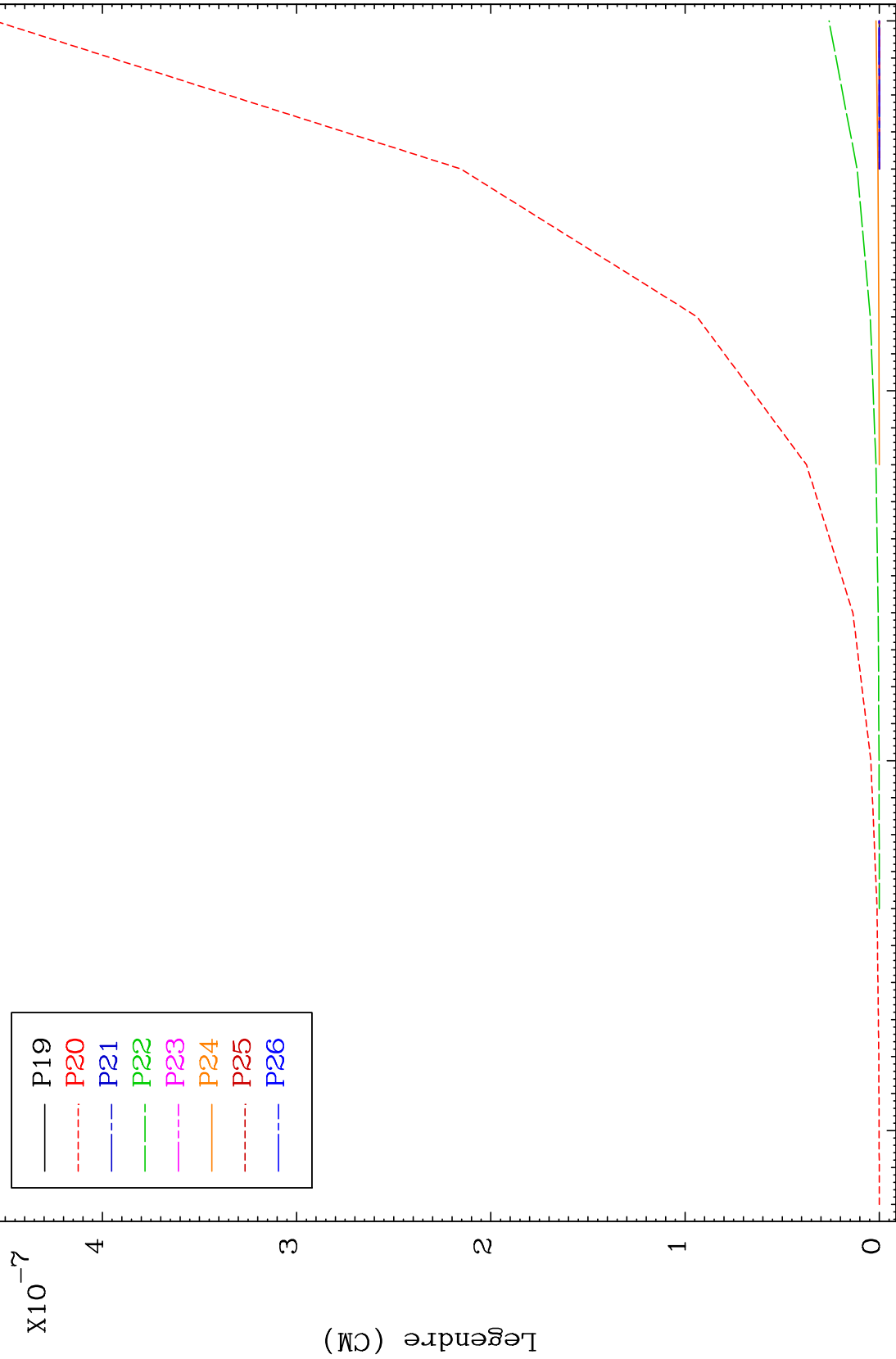
17

48-Cd-113

MAT 4847

Elastic
Legendre Coefficients

48-Cd-113



18

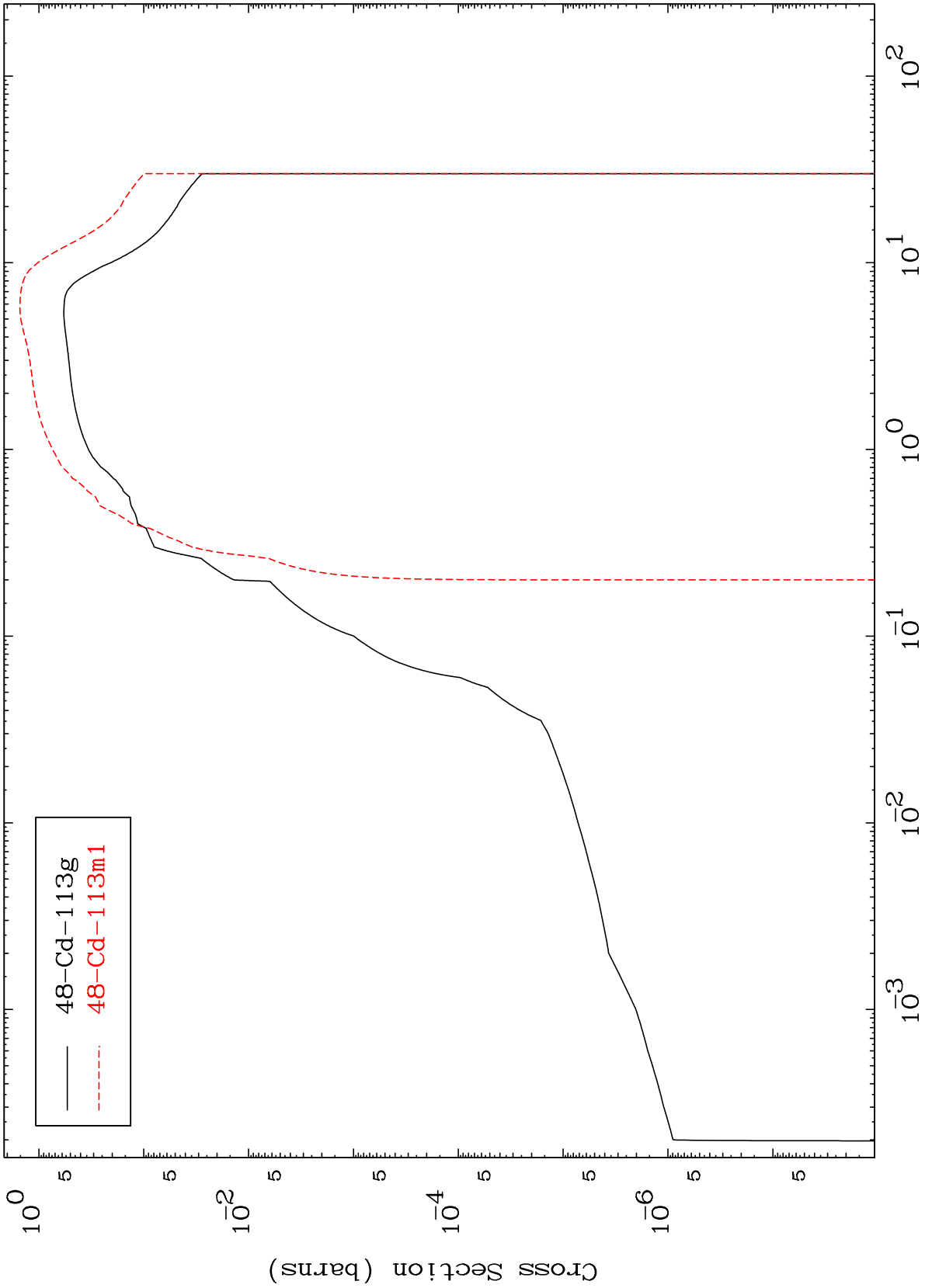
Incident Energy (MeV)

48-Cd-113

MAT 4847

48-Cd-113

Inelastic
Radionuclide Production Cross Section



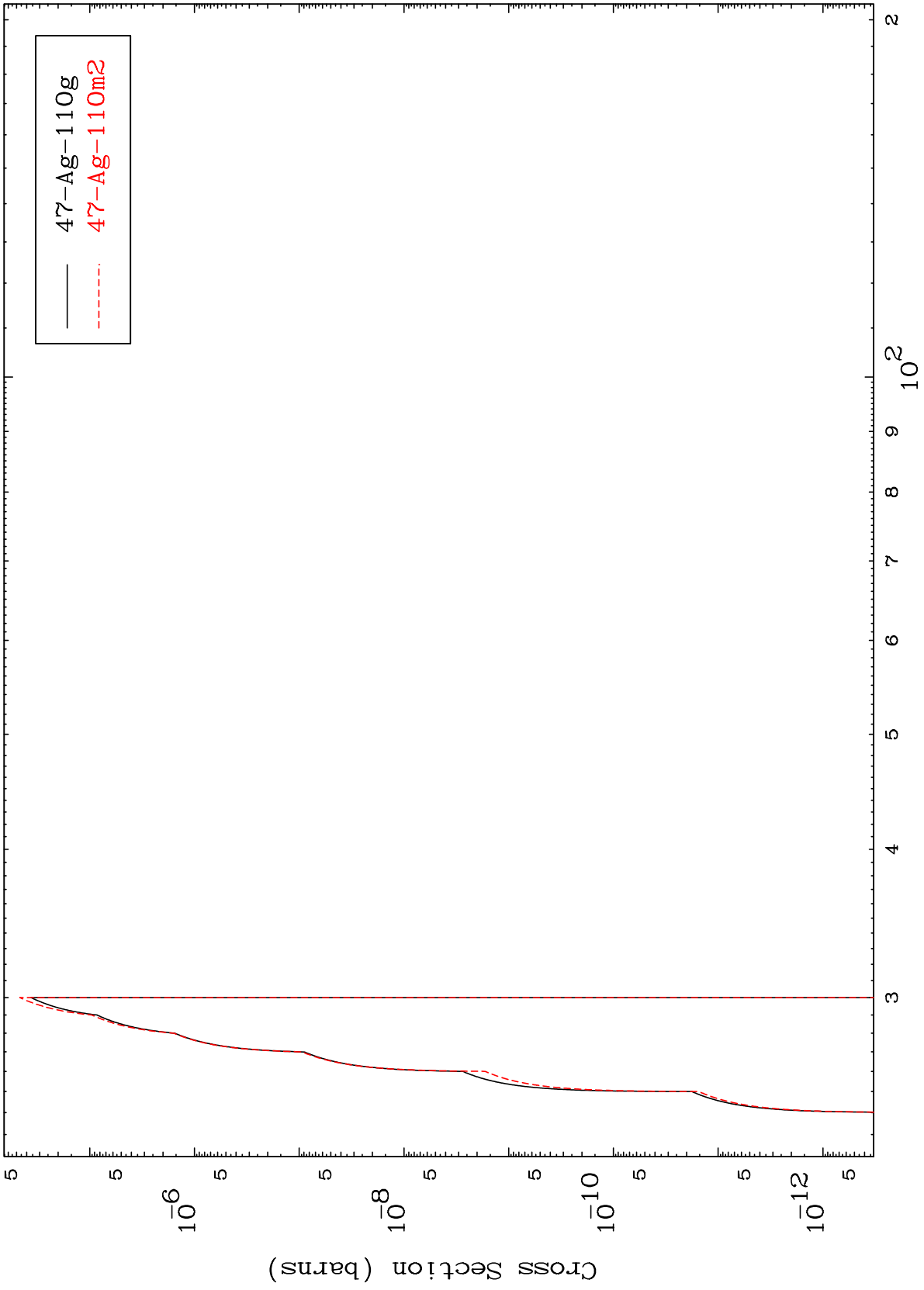
— 48-Cd-113g
- - - 48-Cd-113m1

MAT 4847

(n,2n) d

48-Cd-113

Radionuclide Production Cross Section



20

Incident Energy (MeV)

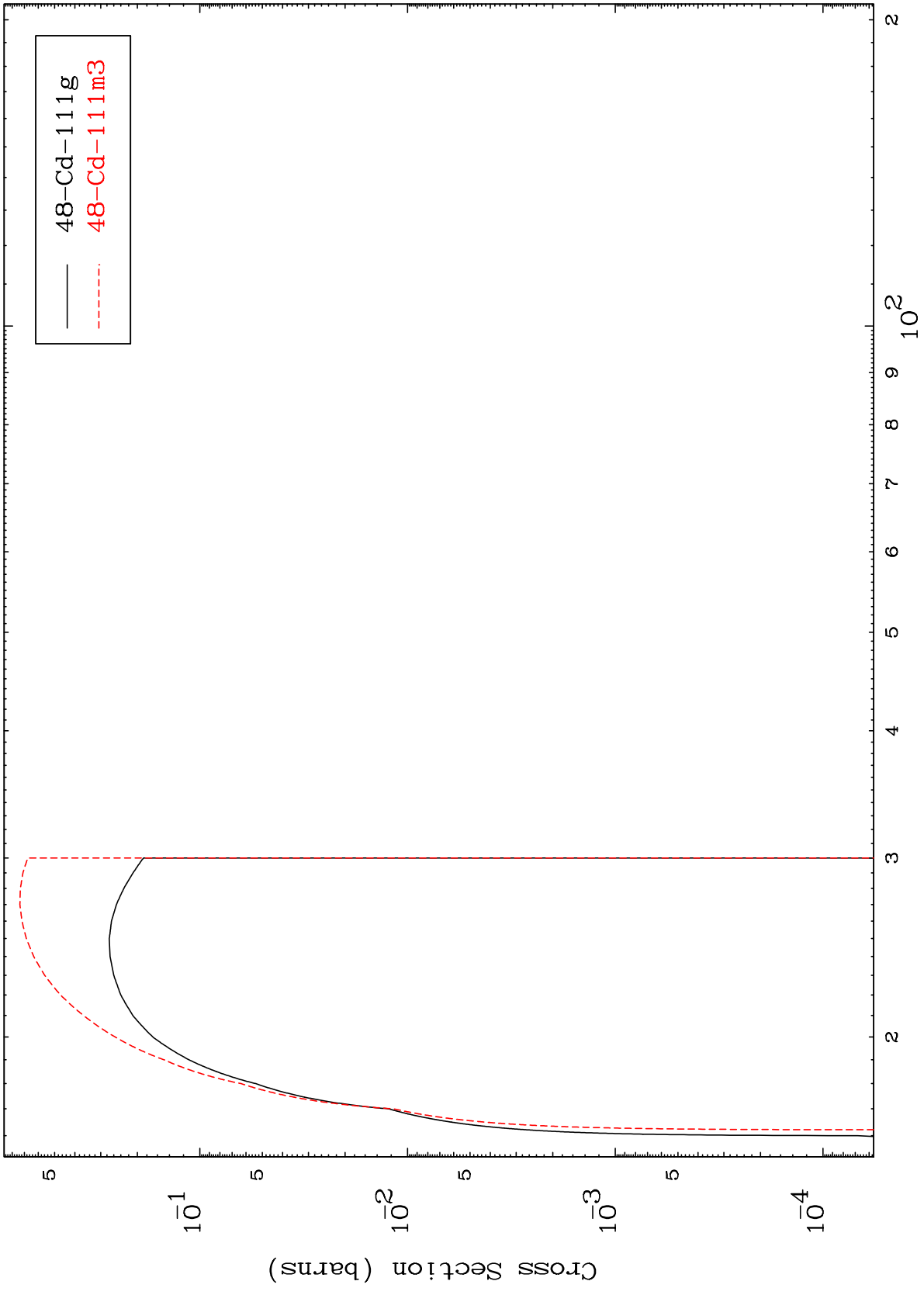
48-Cd-113

MAT 4847

(n,3n)

48-Cd-113

Radionuclide Production Cross Section



21

Incident Energy (MeV)

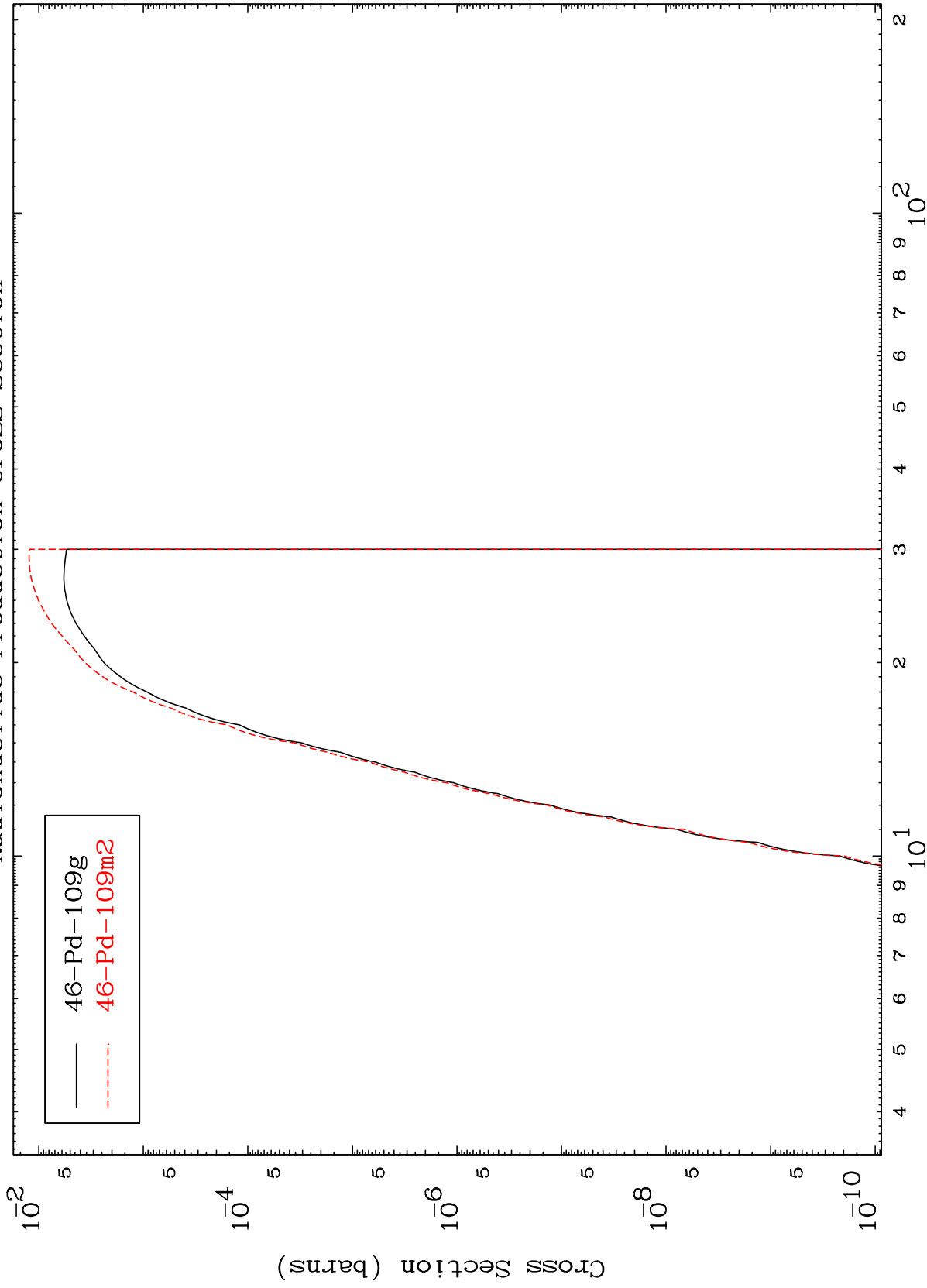
48-Cd-113

MAT 4847

(n,n') α

48-Cd-113

Radionuclide Production Cross Section



22

Incident Energy (MeV)

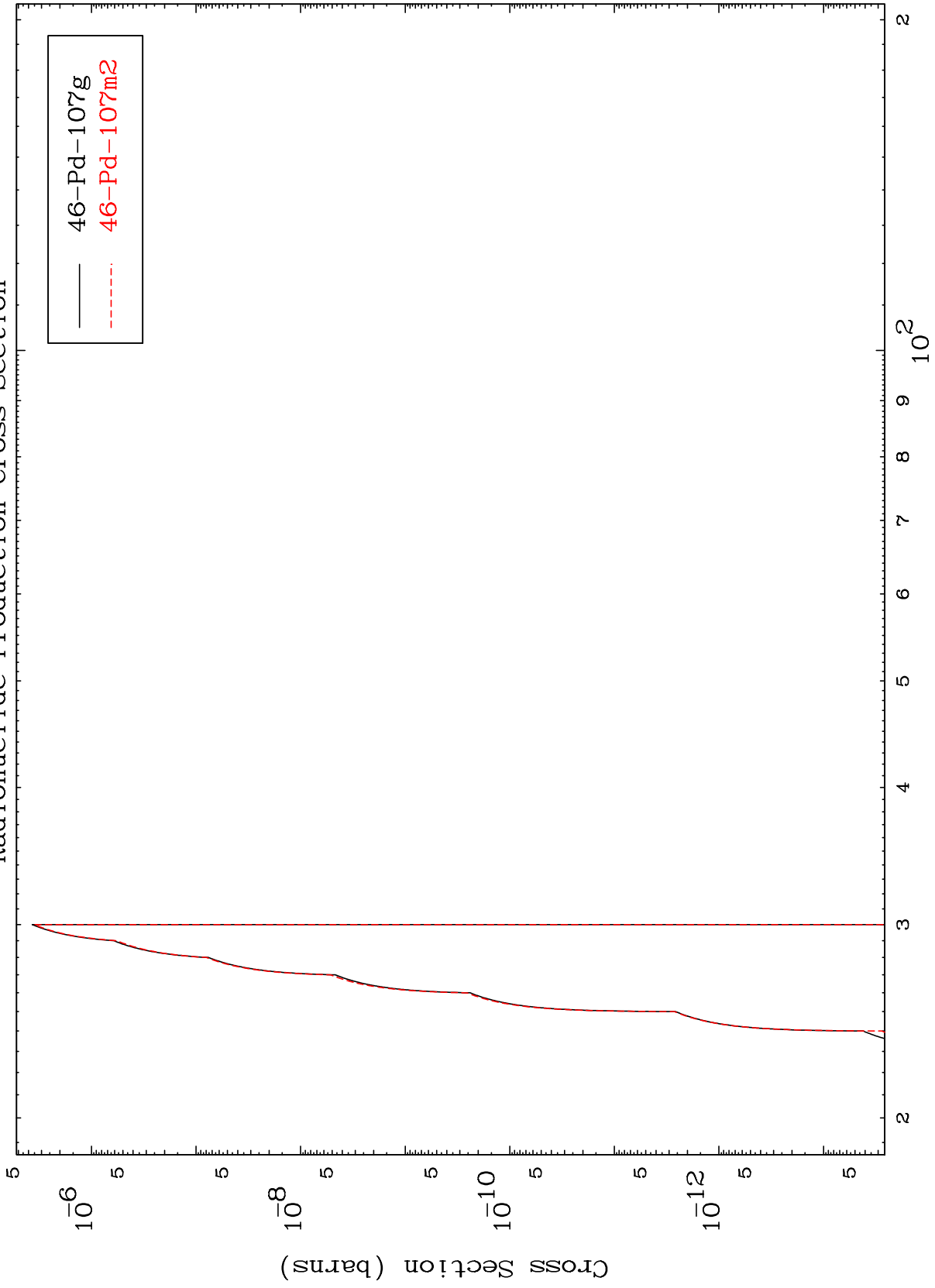
48-Cd-113

MAT 4847

(n,3n) α

48-Cd-113

Radionuclide Production Cross Section



23

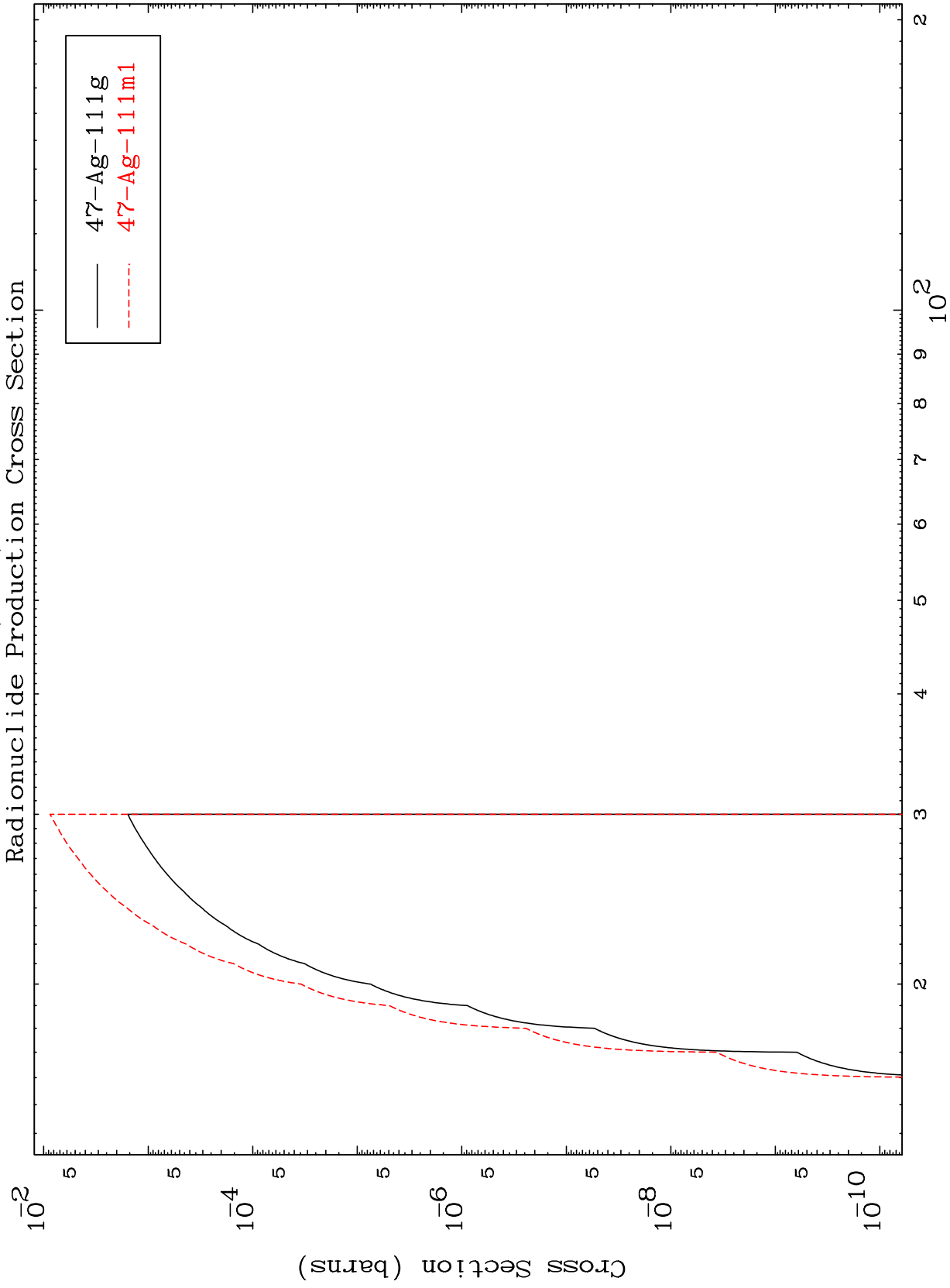
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,n') d

48-Cd-113



24

Incident Energy (MeV)

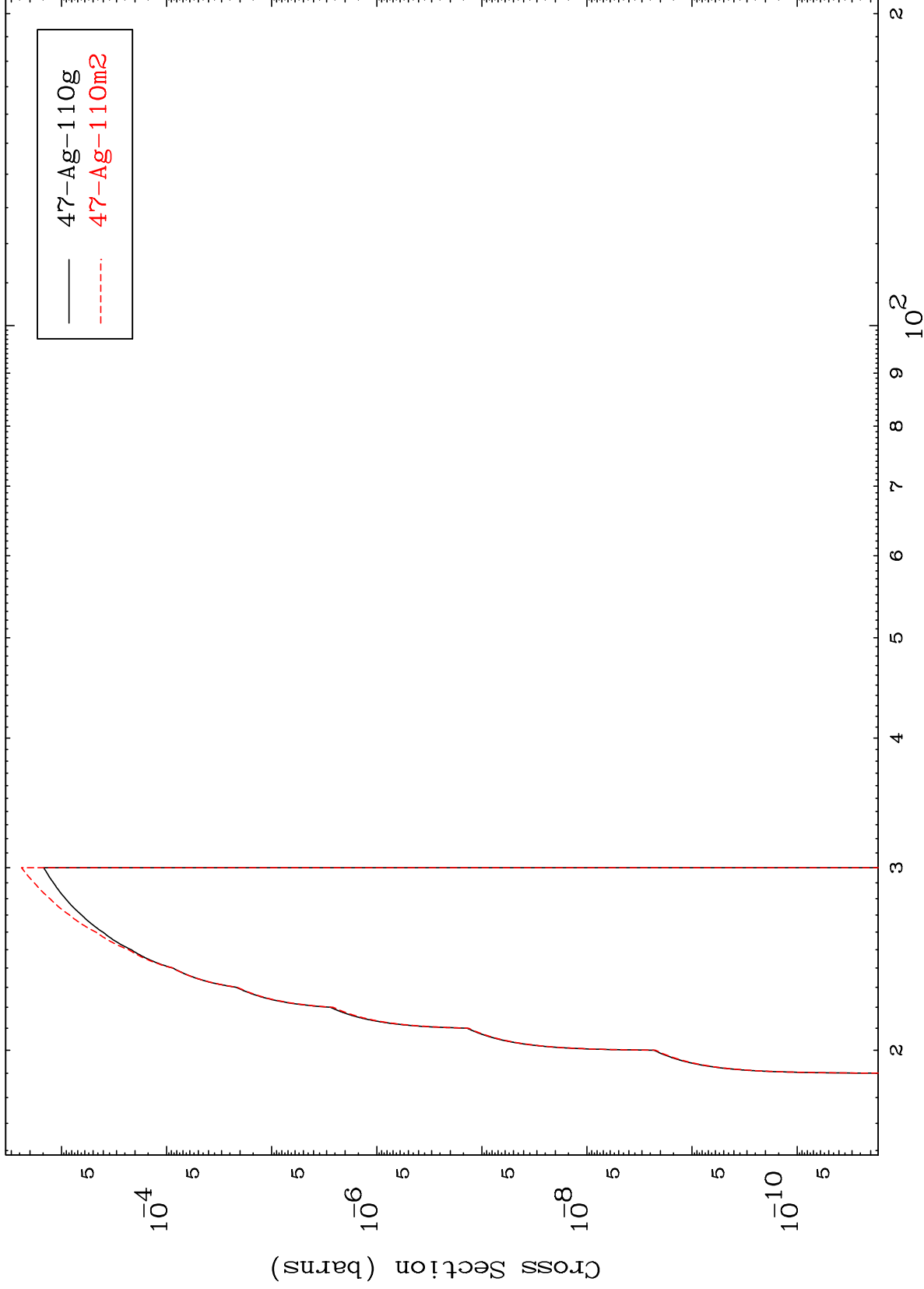
48-Cd-113

MAT 4847

(n,n') t

48-Cd-113

Radionuclide Production Cross Section



25

Incident Energy (MeV)

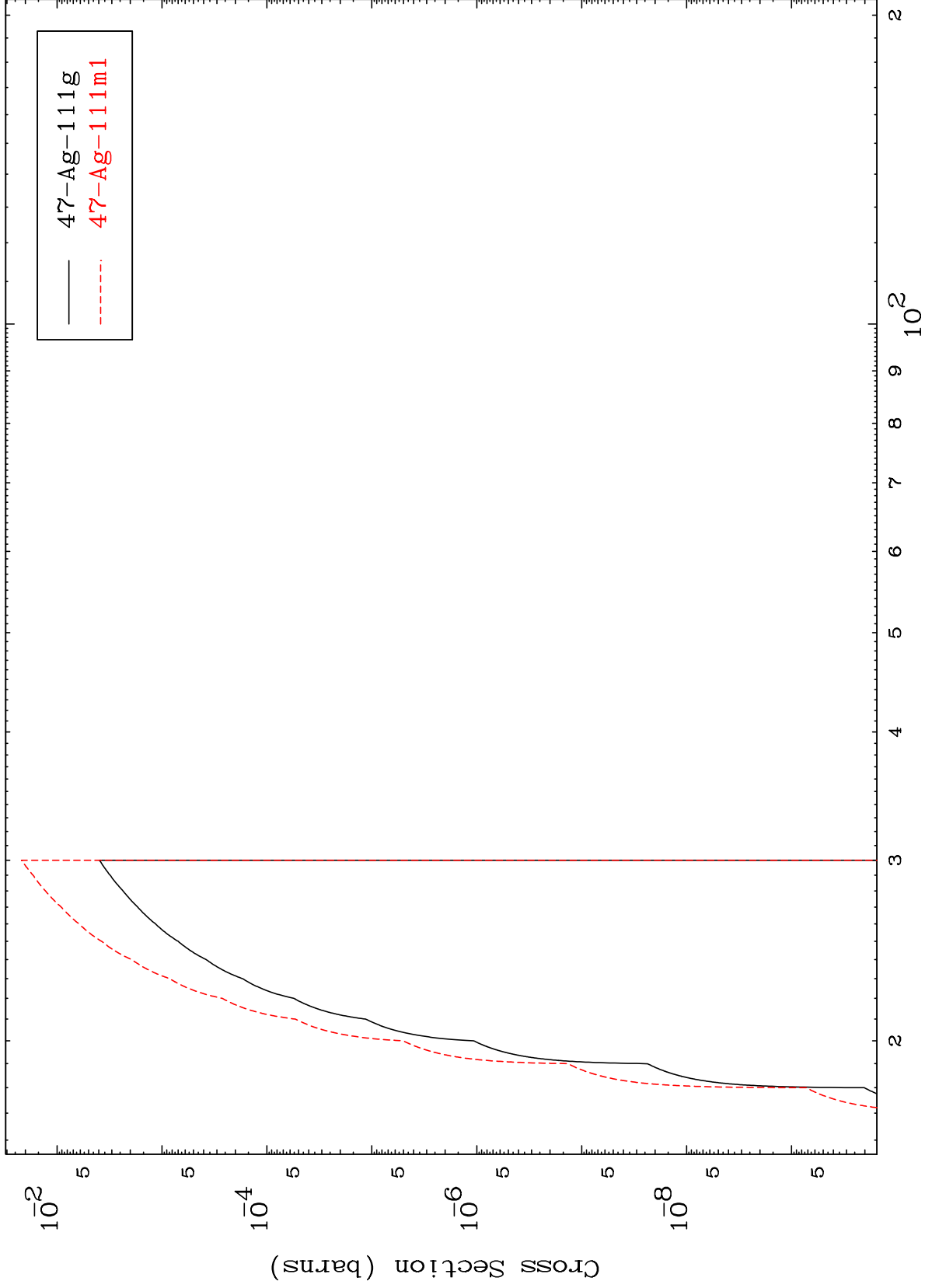
48-Cd-113

MAT 4847

(n,2n) p

48-Cd-113

Radionuclide Production Cross Section



26

Incident Energy (MeV)

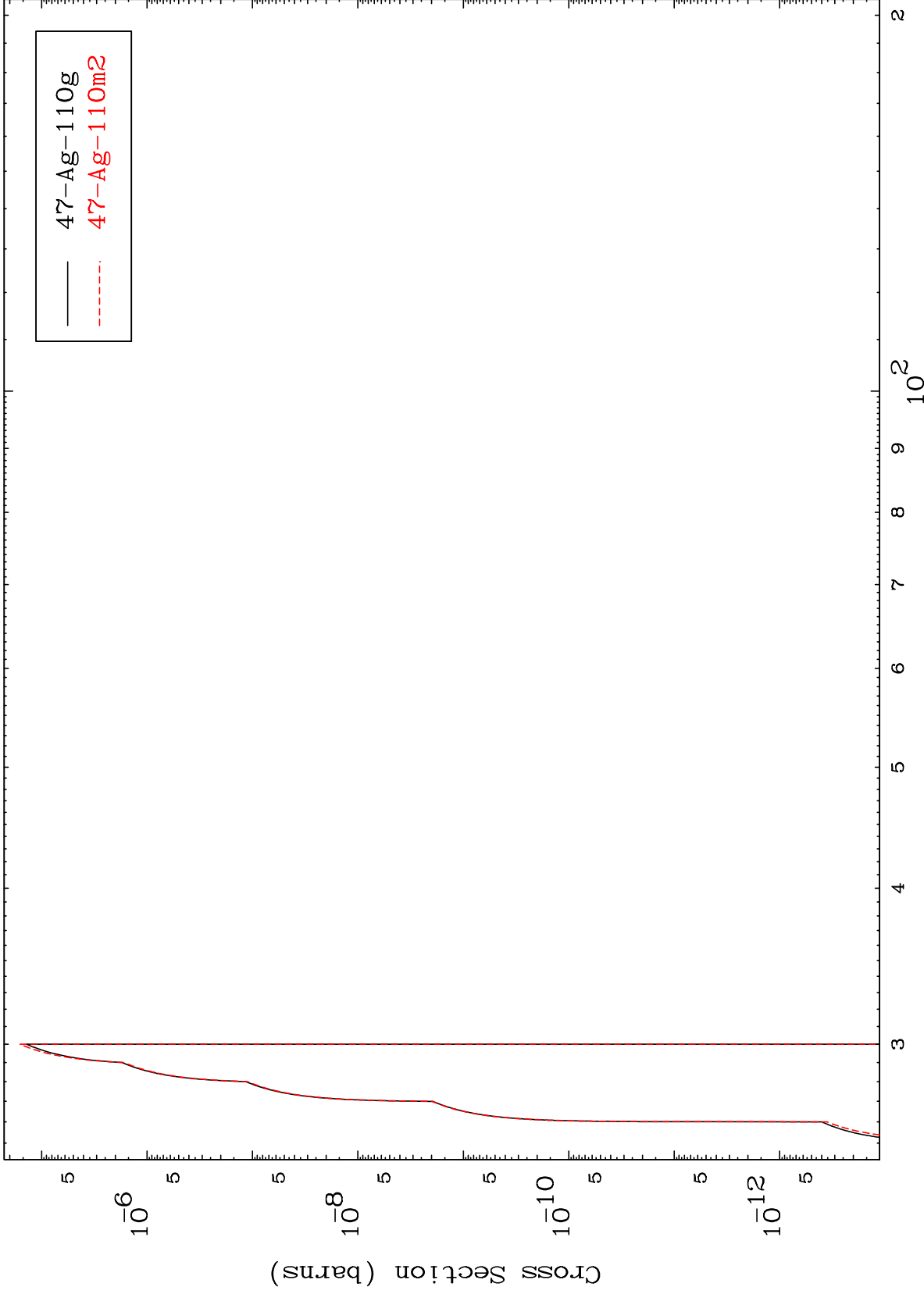
48-Cd-113

MAT 4847

(n,3n) p

48-Cd-113

Radionuclide Production Cross Section



27

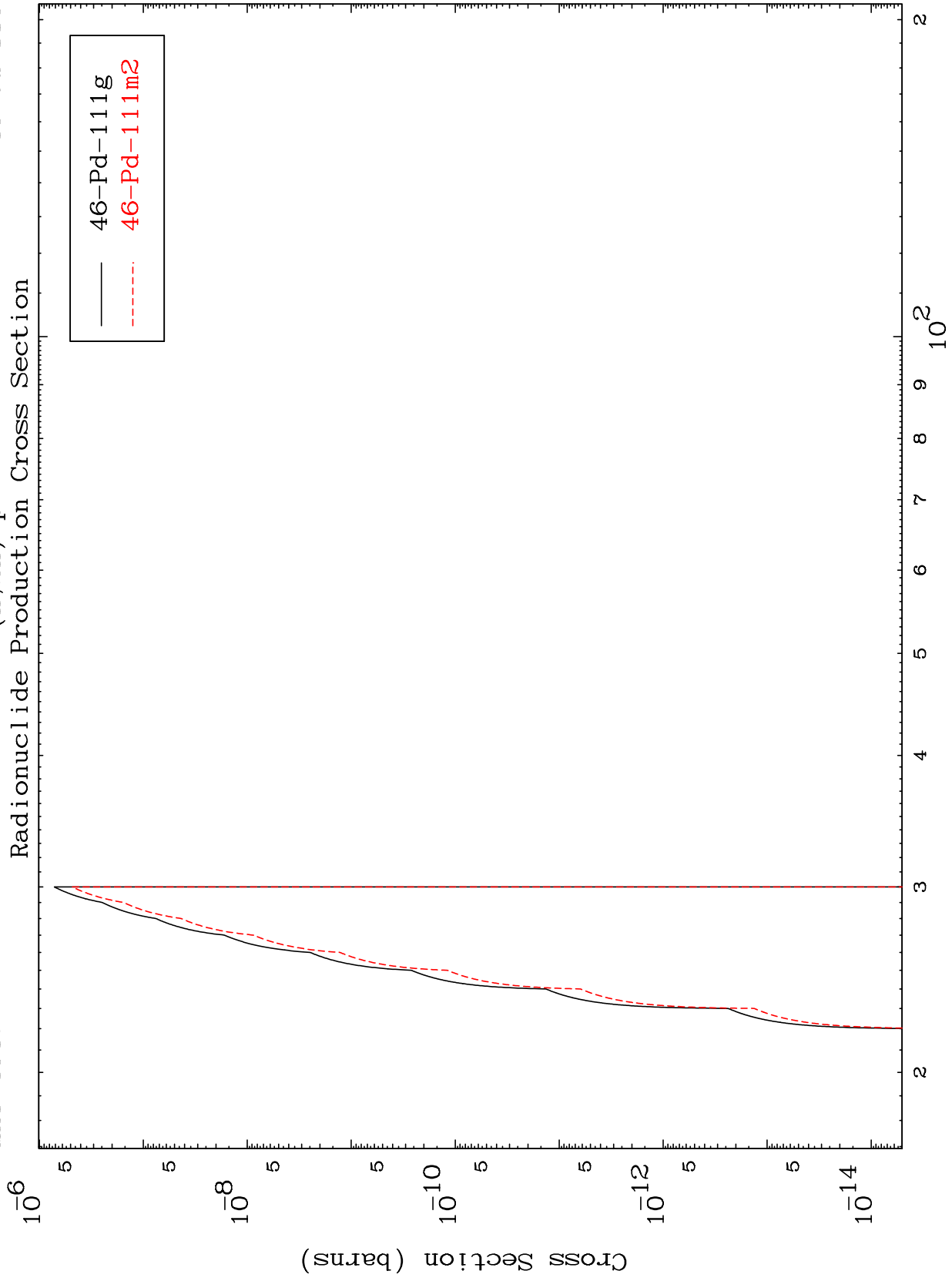
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,2n) p

48-Cd-113



28

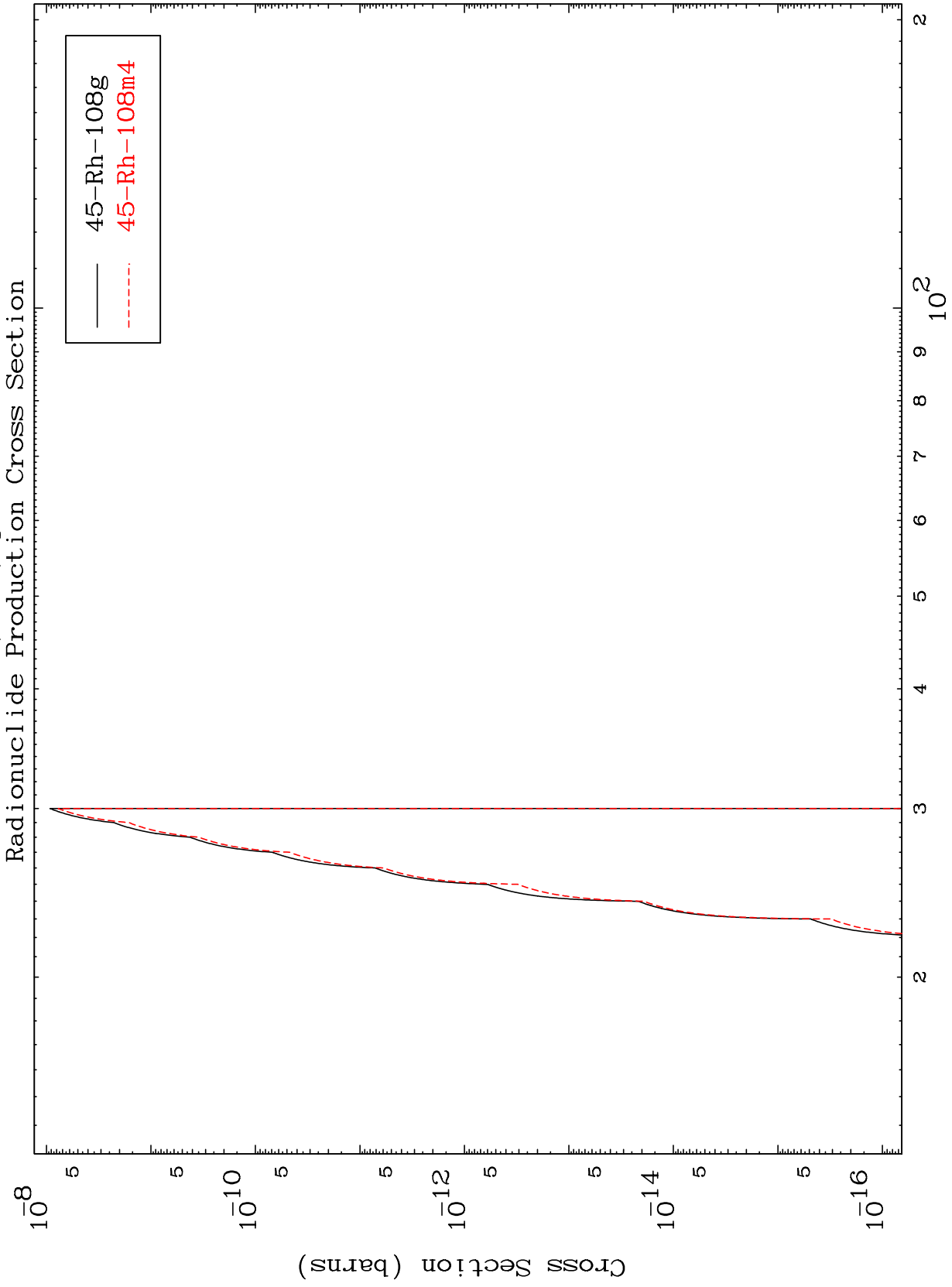
Incident Energy (MeV)

48-Cd-113

MAT 4847

(n,n') p α

48-Cd-113



29

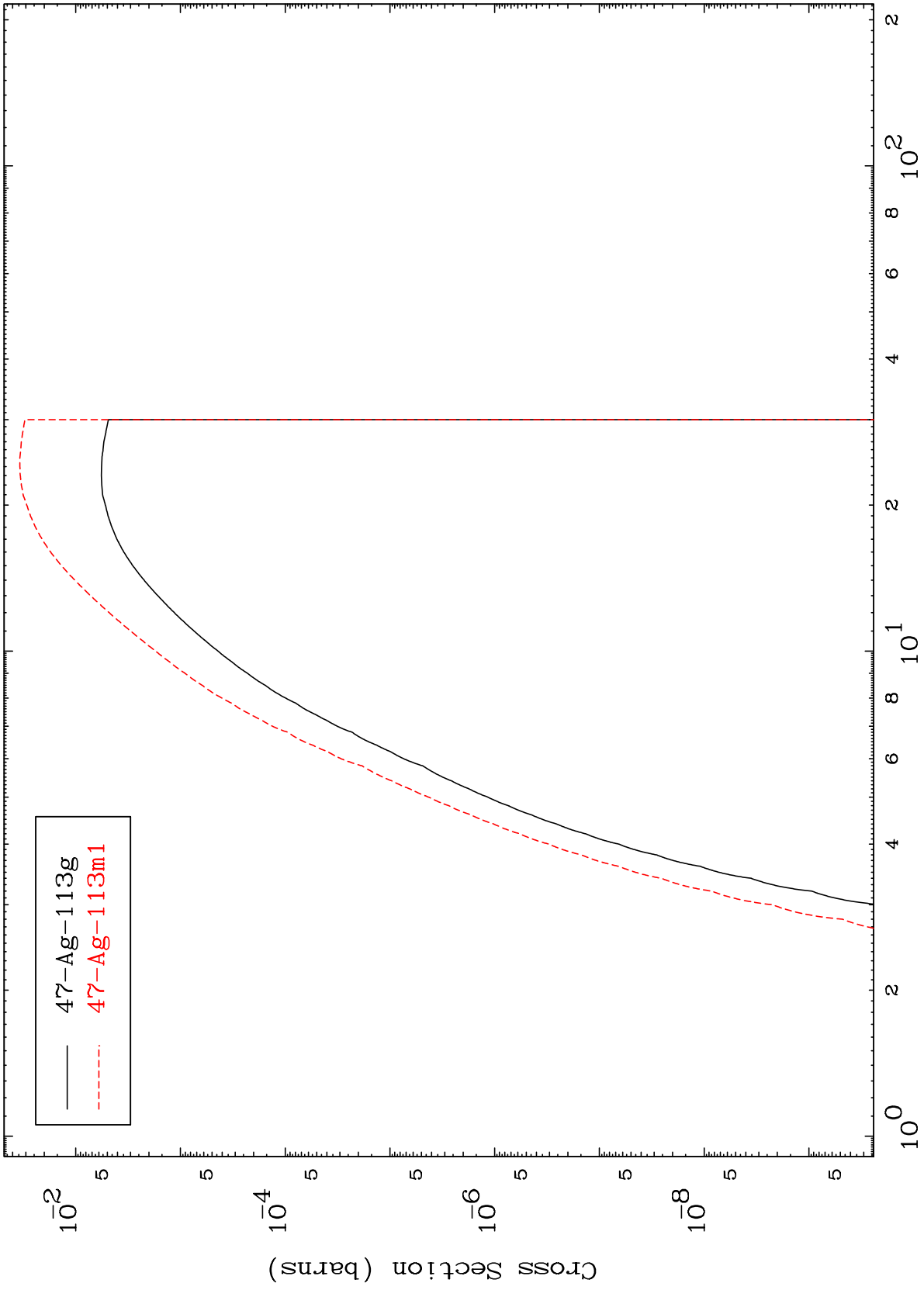
48-Cd-113

48-Cd-113

MAT 4847

48-Cd-113

(n,p)
Radionuclide Production Cross Section



48-Cd-113

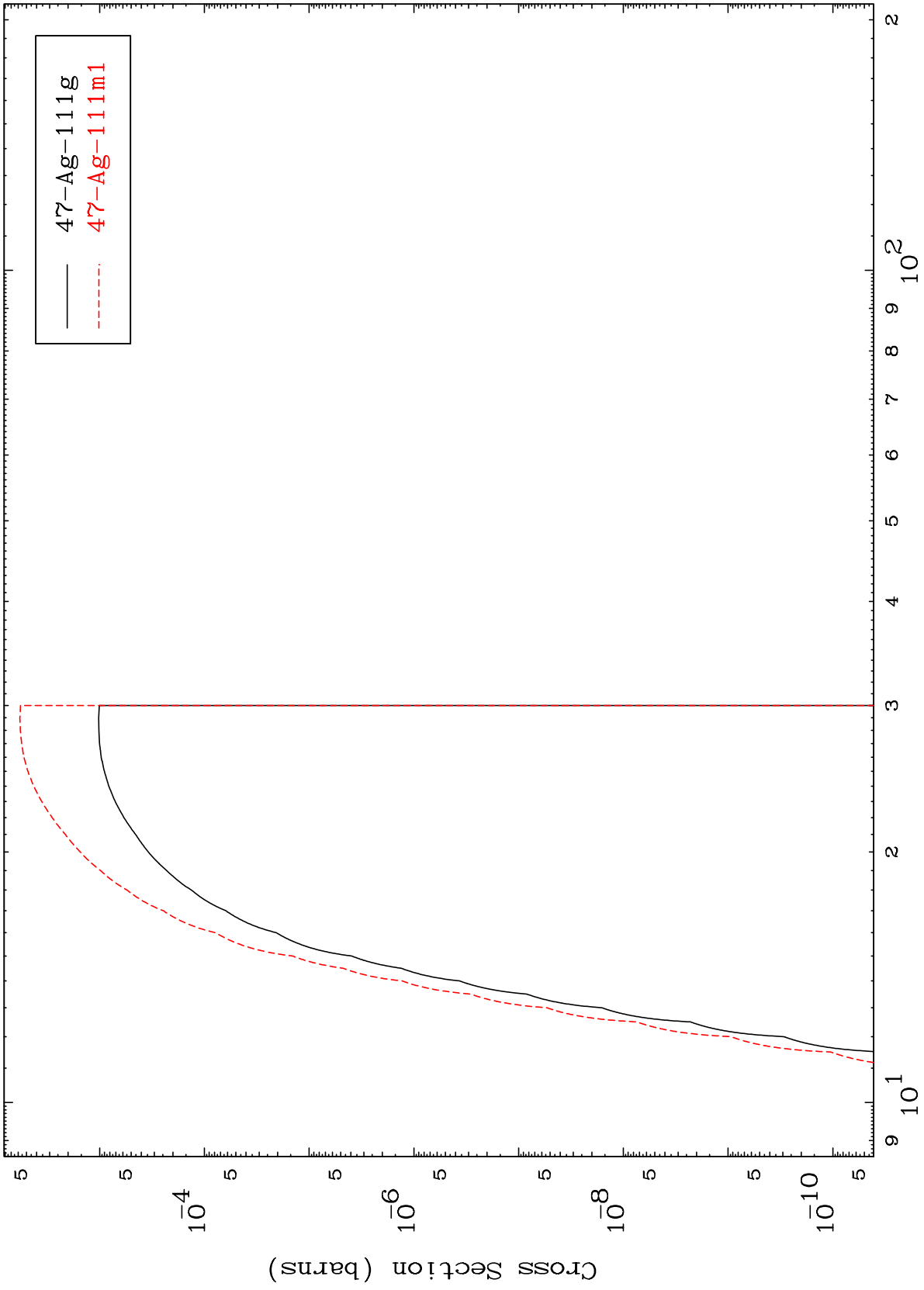
Incident Energy (MeV)

30

MAT 4847

48-Cd-113

(n, t)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

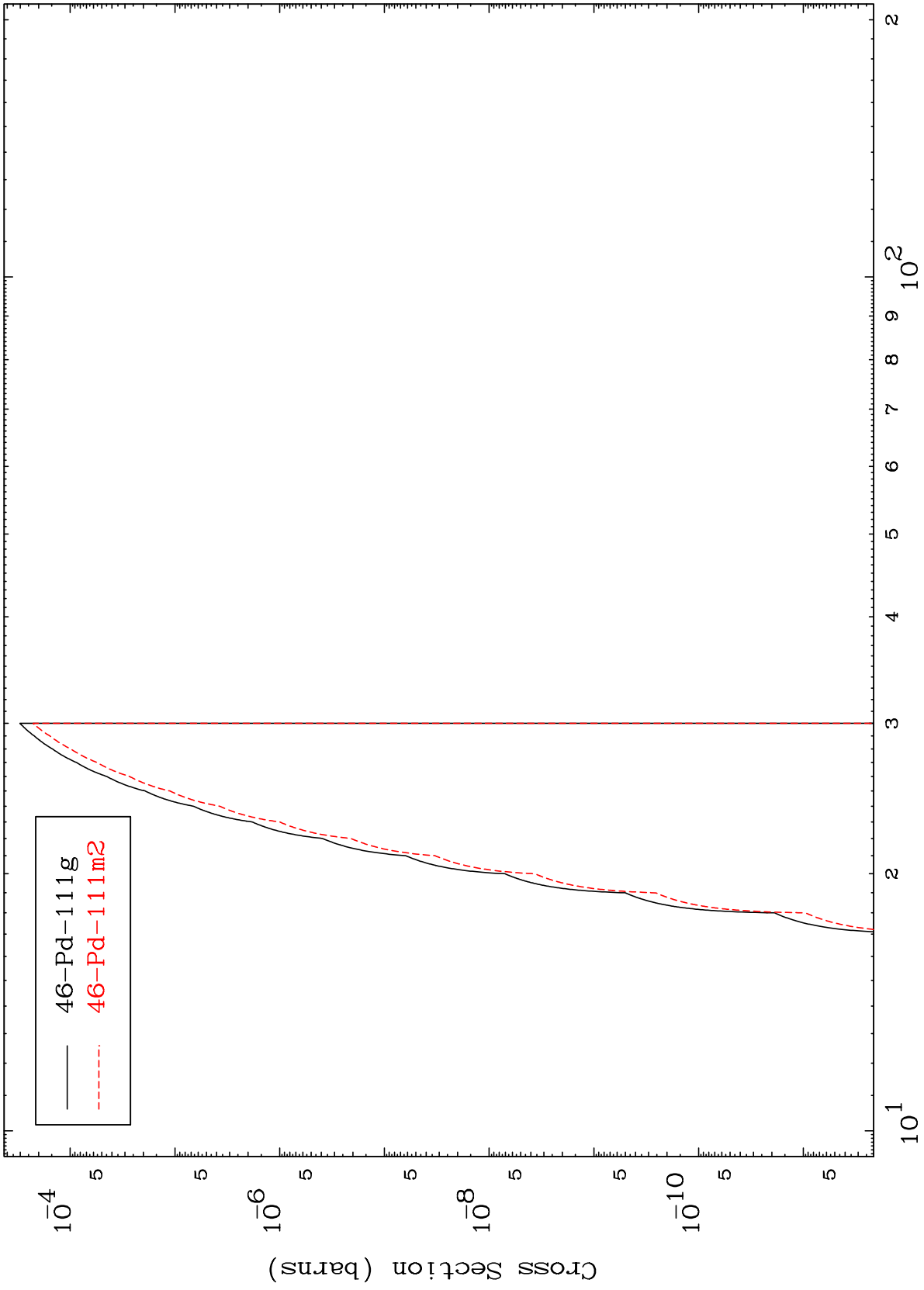
48-Cd-113

MAT 4847

(n,He-3)

48-Cd-113

Radionuclide Production Cross Section



32

Incident Energy (MeV)

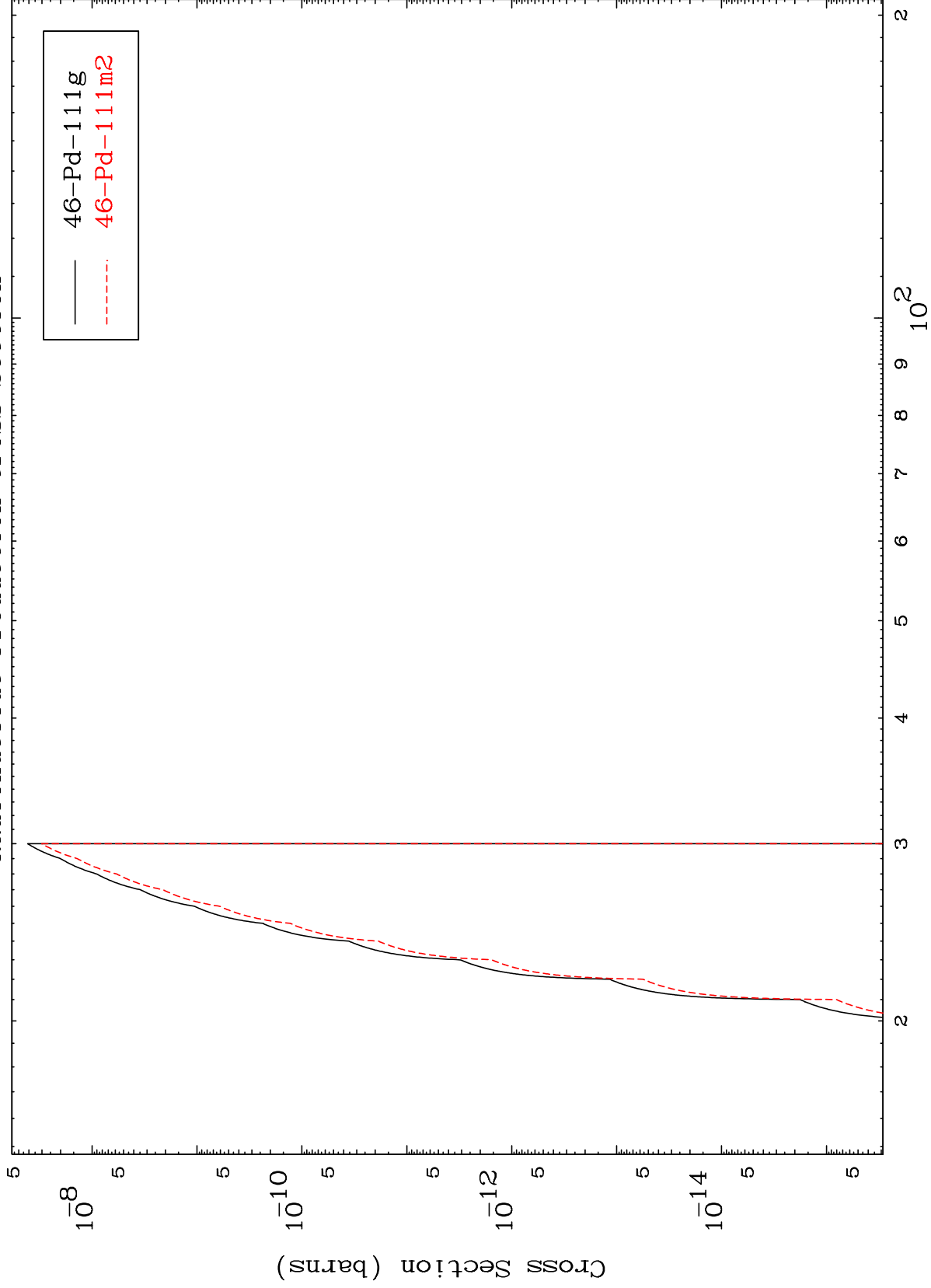
48-Cd-113

MAT 4847

(n,p) d

48-Cd-113

Radionuclide Production Cross Section



33

Incident Energy (MeV)

48-Cd-113