

Program EVALPLOT
(Version 2015-2)

by

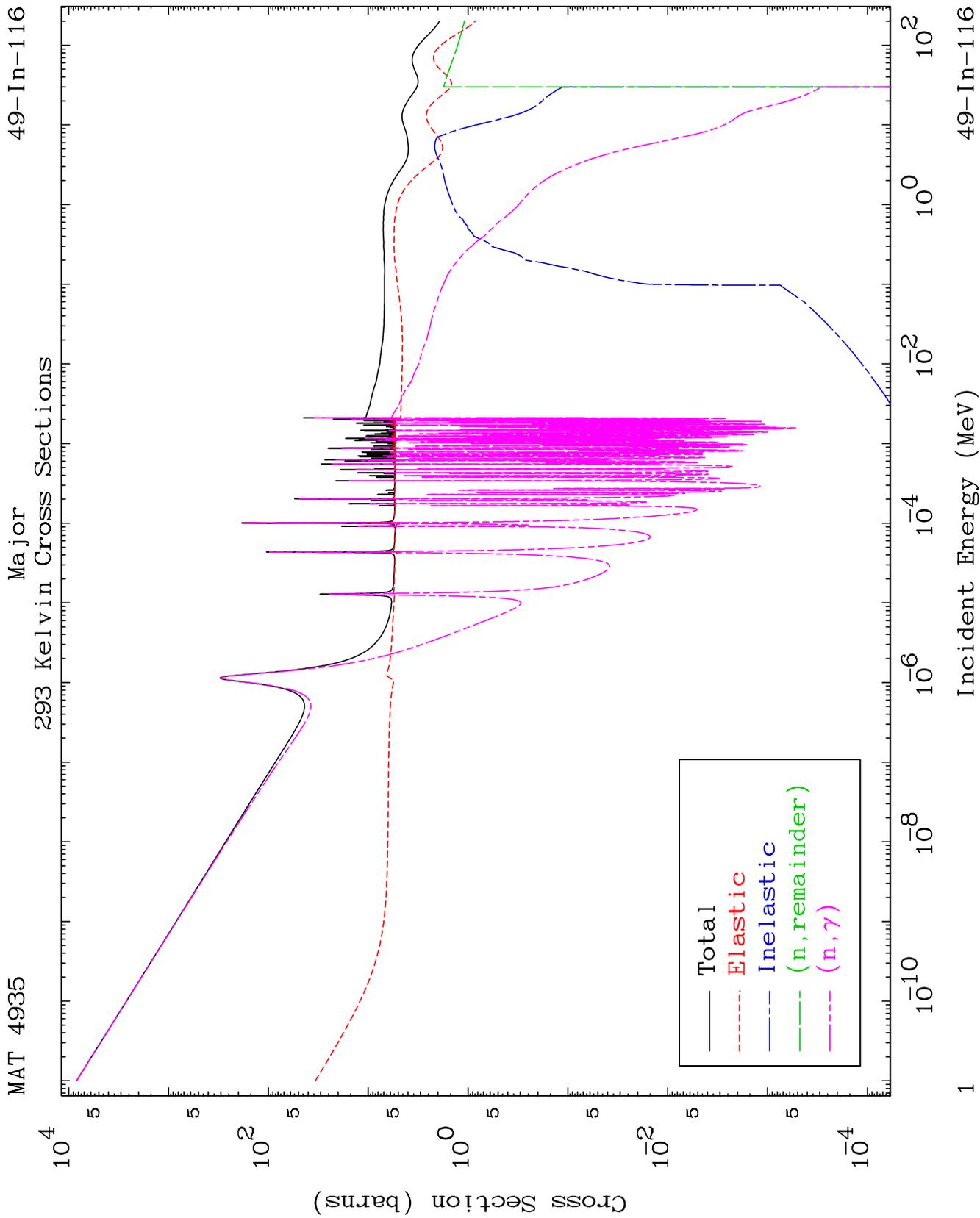
Dermott E. Cullen
(Present Contact Information)

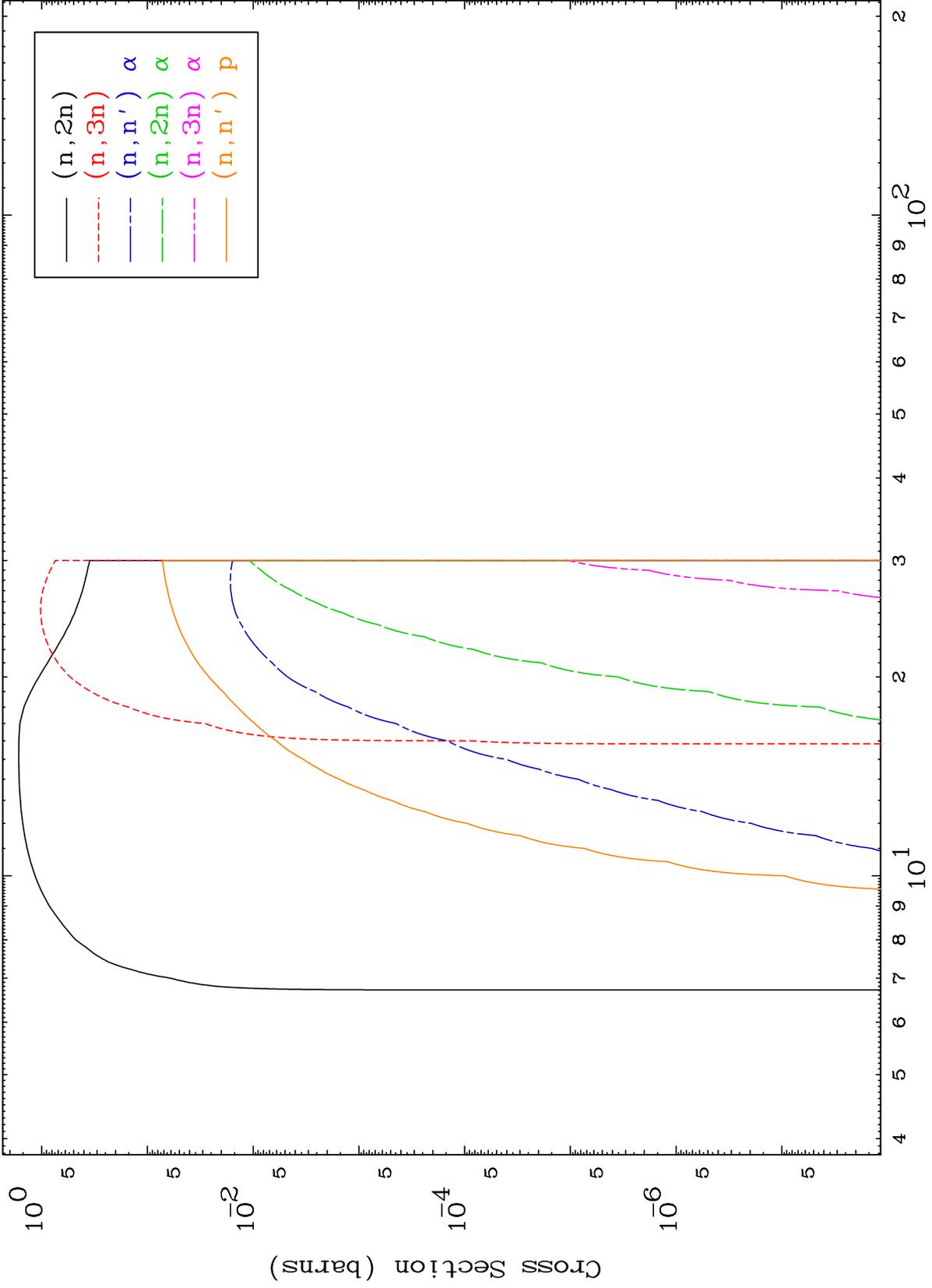
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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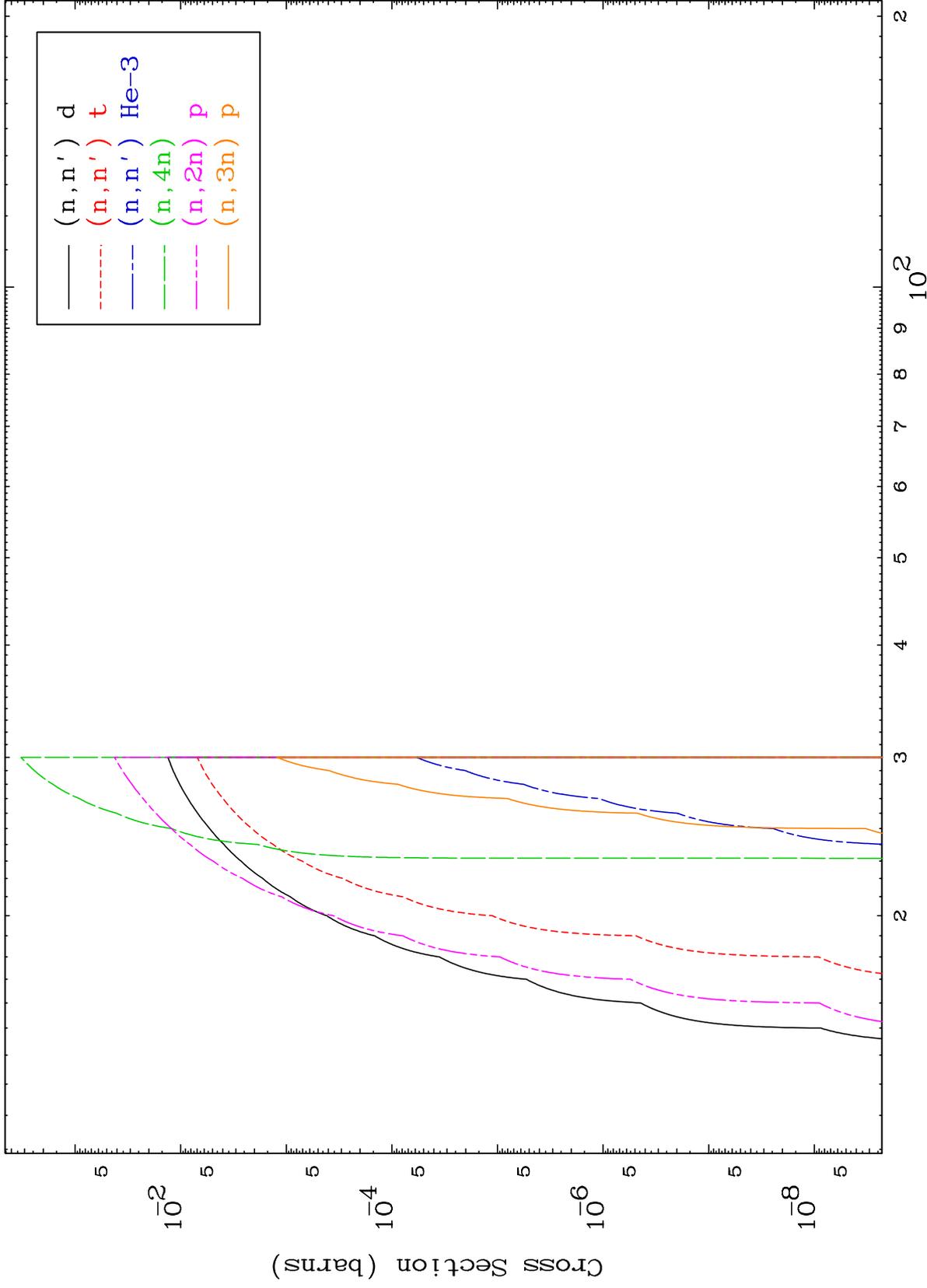
Tele: 925-443-1911

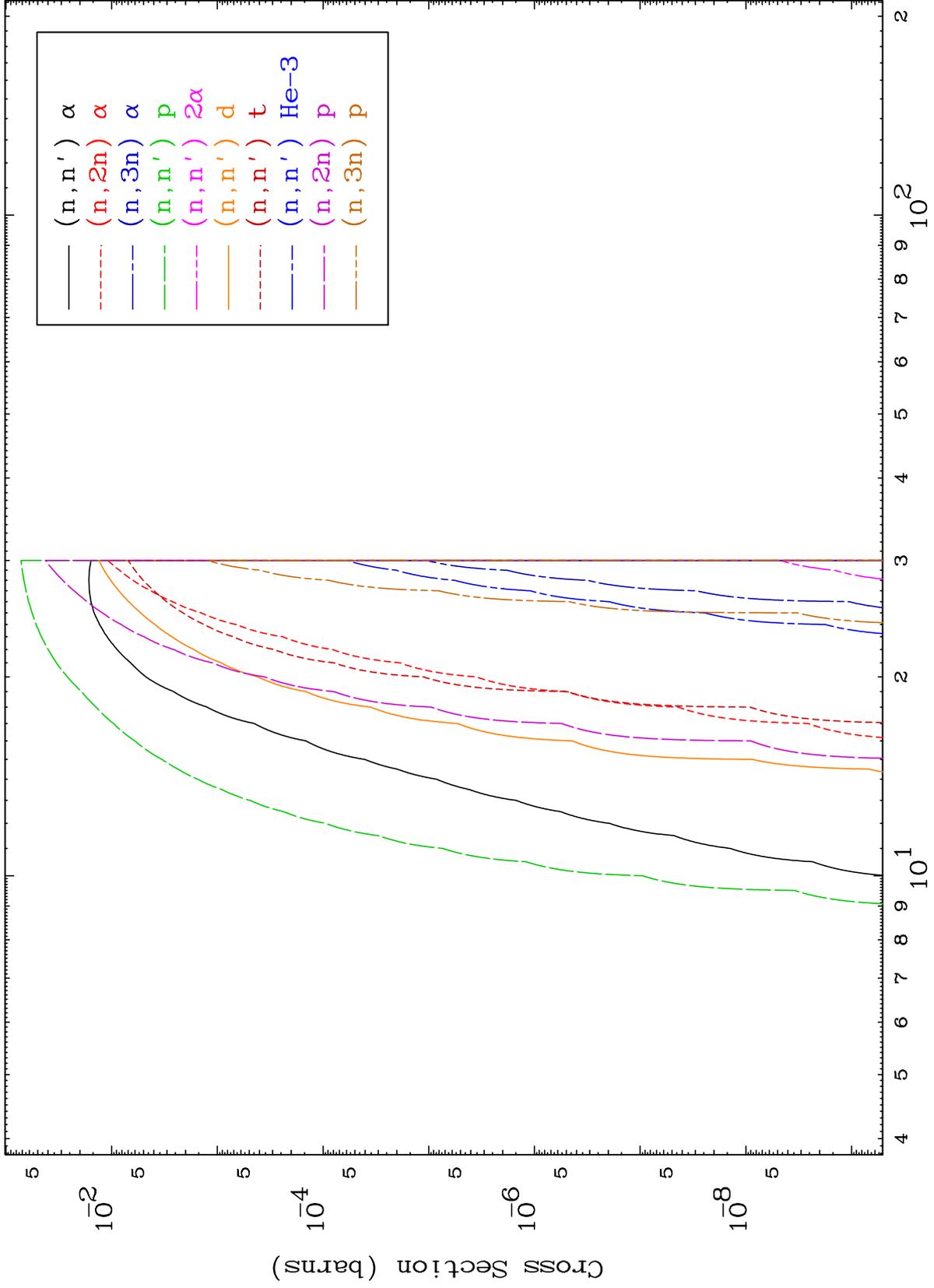
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start





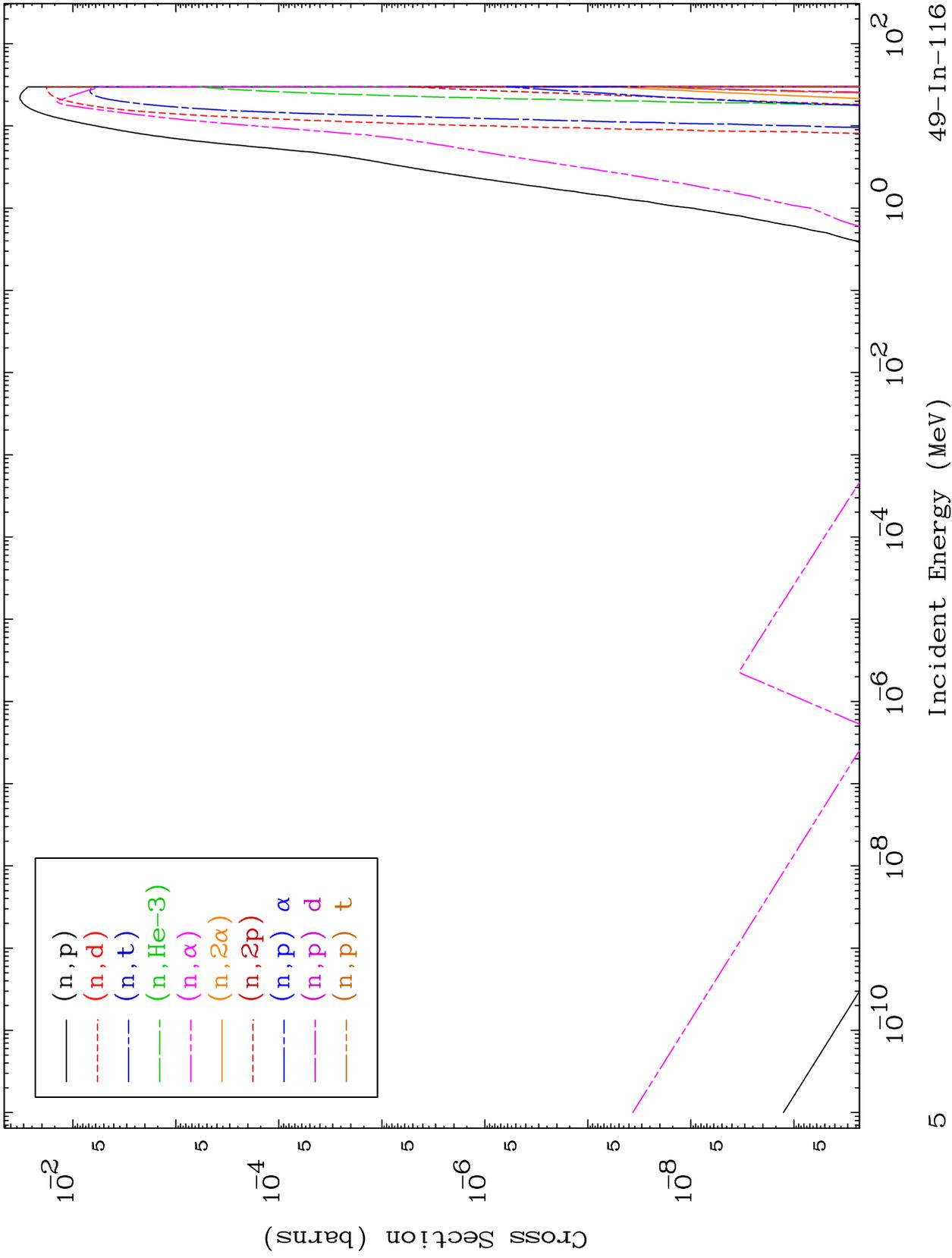




MAT 4935

Charged Particle
293 Kelvin Cross Sections

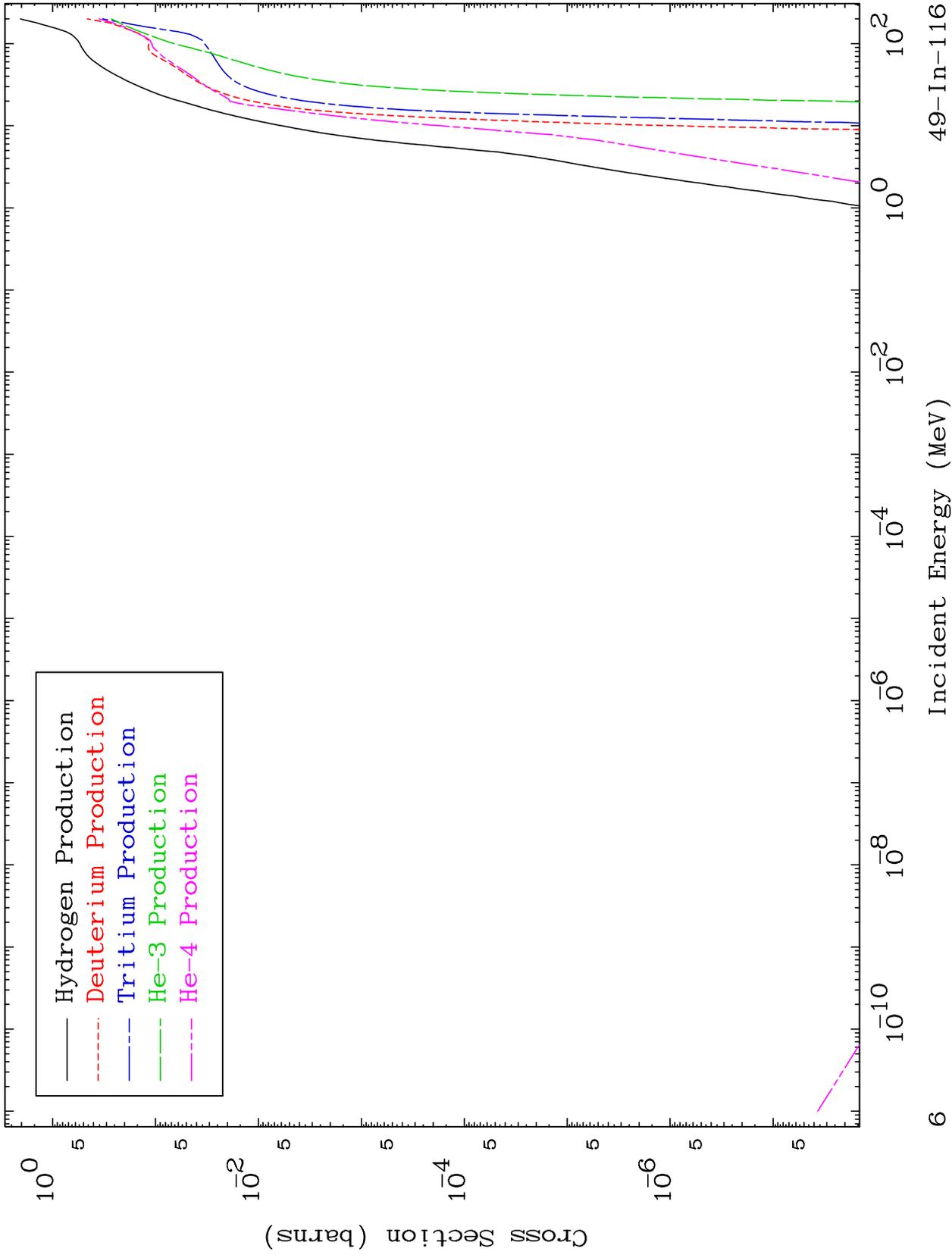
49-In-116



MAT 4935

Particle Production
293 Kelvin Cross Sections

49-In-116

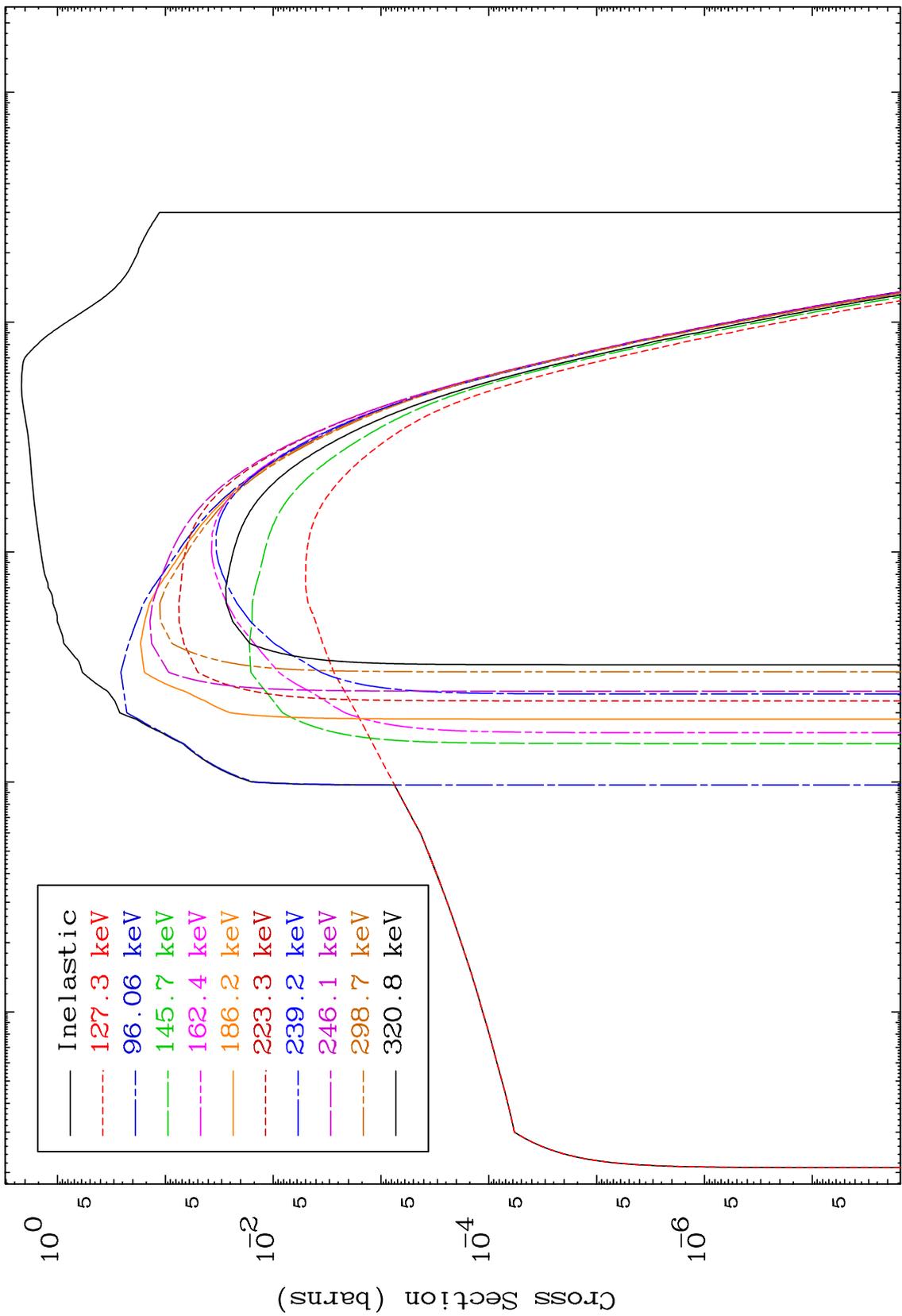


MAT 4935

(n,n') Level

49-In-116

293 Kelvin Cross Sections



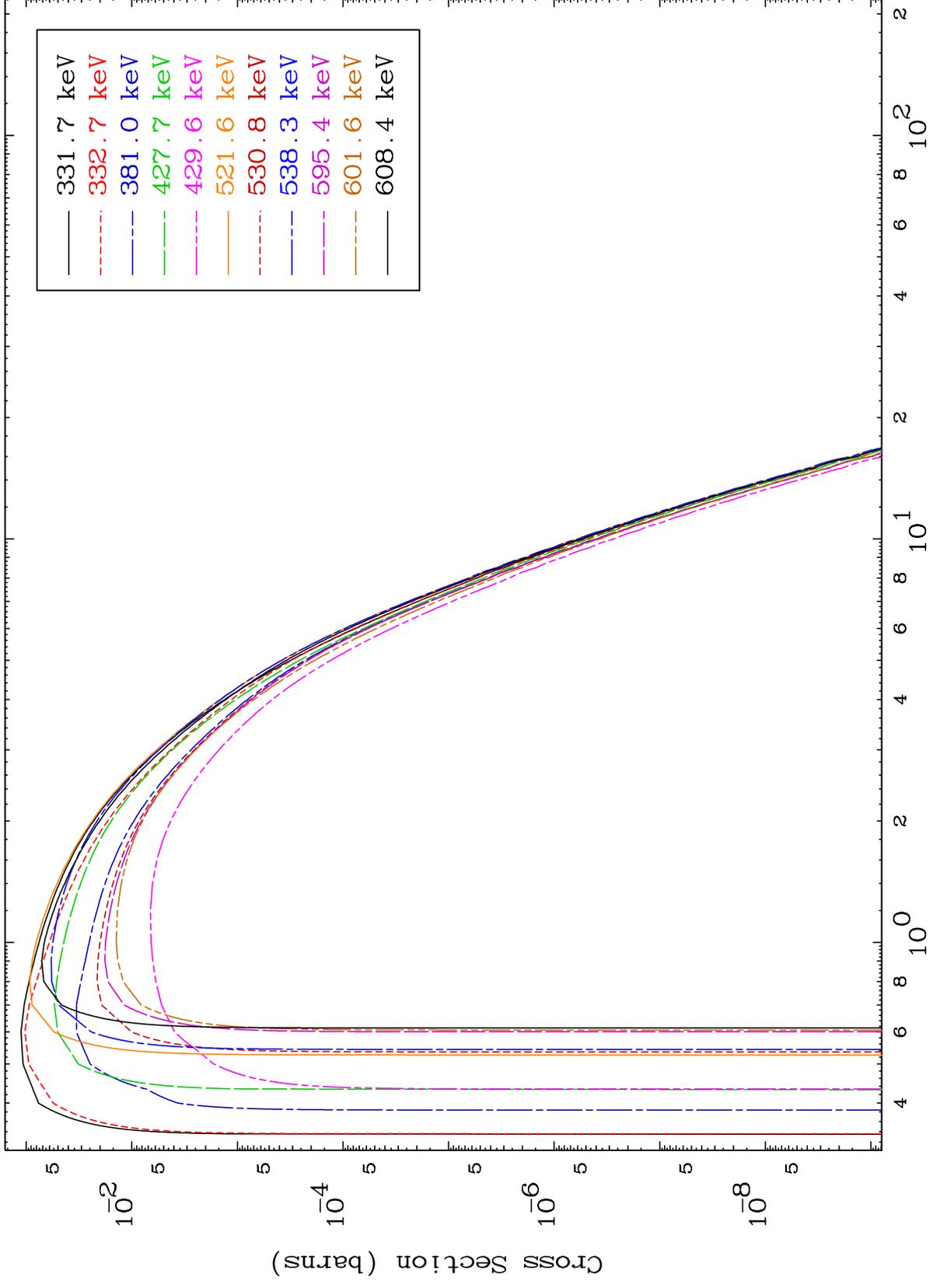
49-In-116

MAT 4935

(n,n') Level

49-In-116

293 Kelvin Cross Sections



8

Incident Energy (MeV)

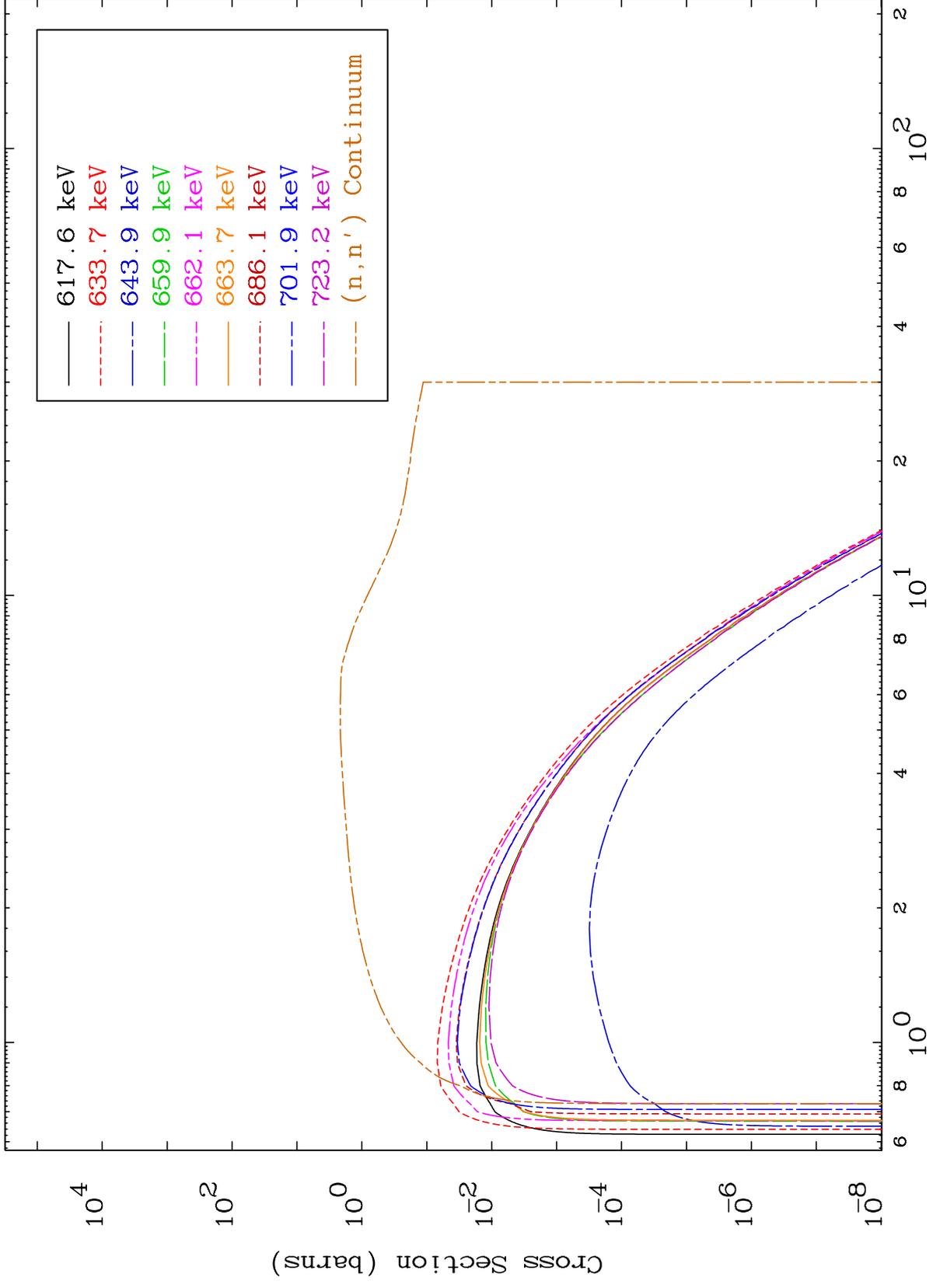
49-In-116

MAT 4935

(n,n') Level

49-In-116

293 Kelvin Cross Sections



9

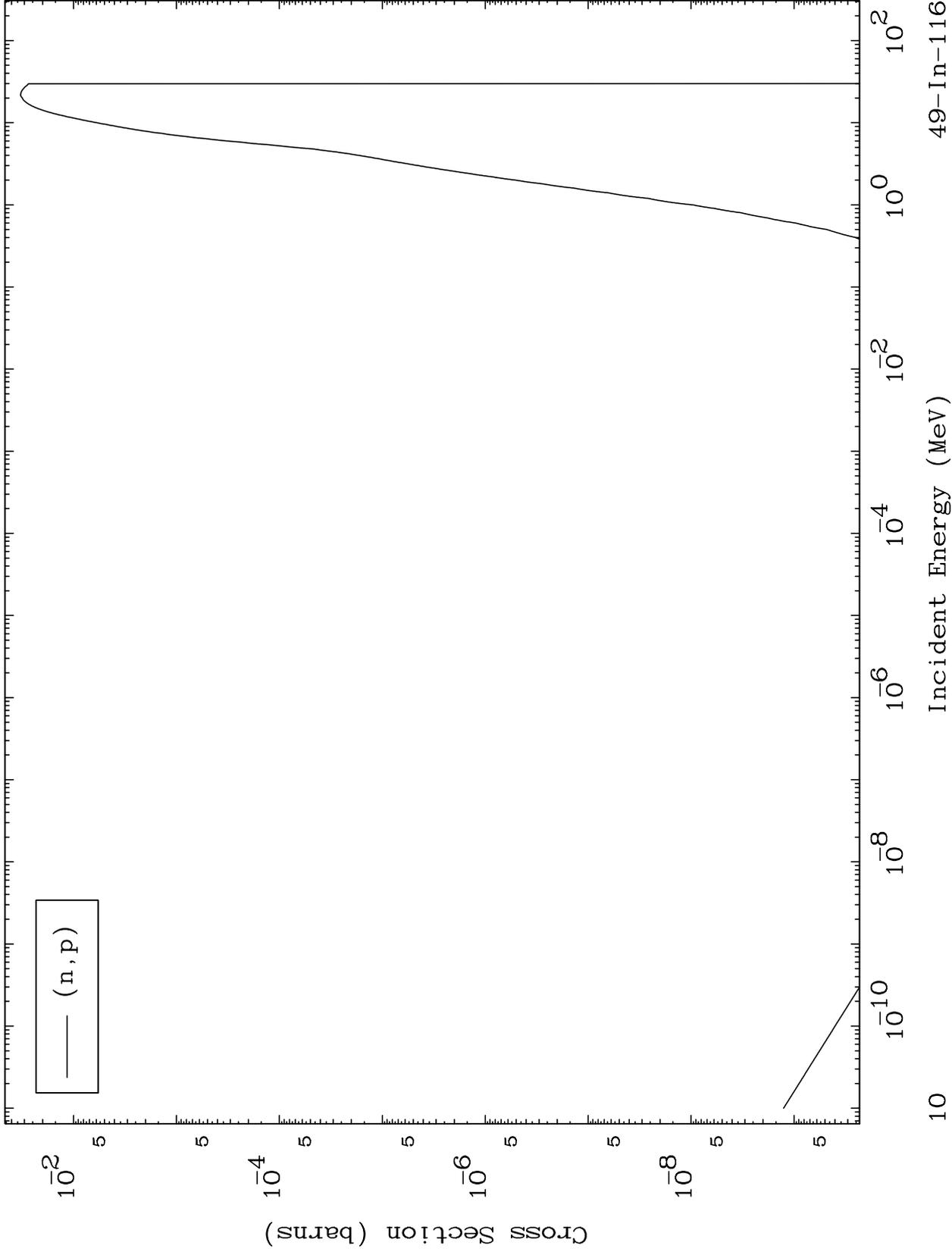
Incident Energy (MeV)

49-In-116

MAT 4935

(n,p) Levels
293 Kelvin Cross Sections

49-In-116



10

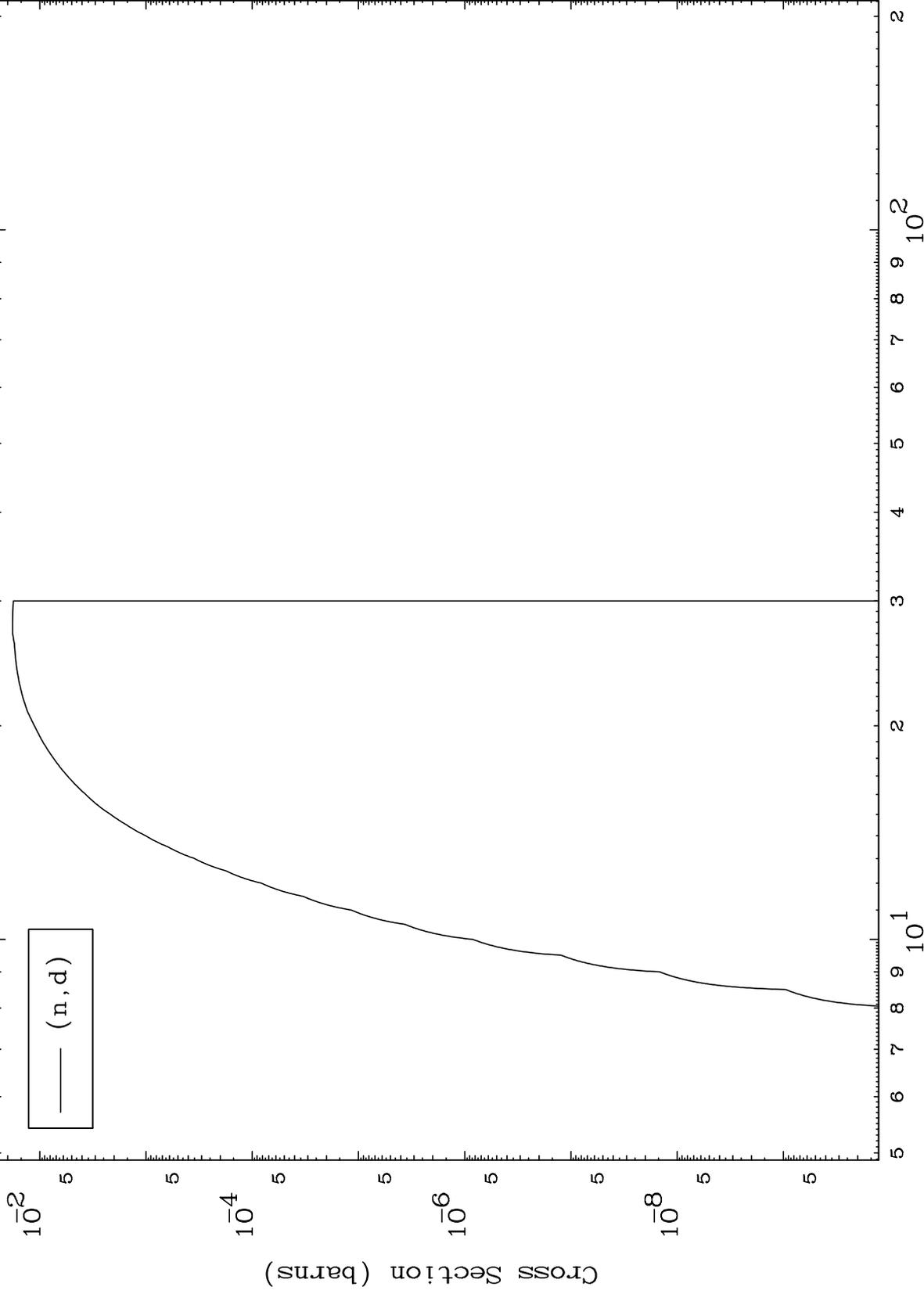
Incident Energy (MeV)

49-In-116

MAT 4935

(n,d) Levels
293 Kelvin Cross Sections

49-In-116



(n,d)

11

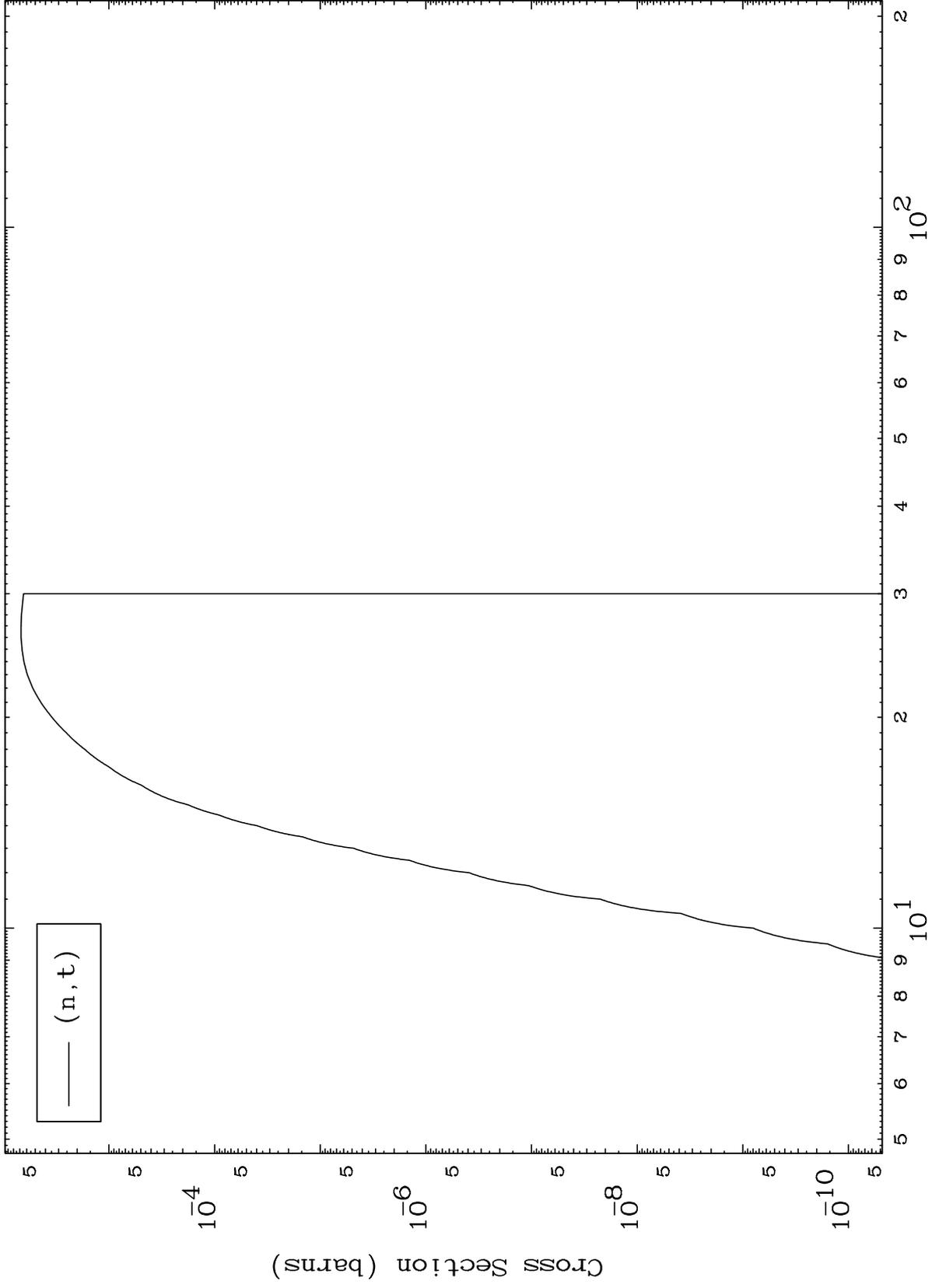
Incident Energy (MeV)

49-In-116

MAT 4935

(n,t) Levels
293 Kelvin Cross Sections

49-In-116



12

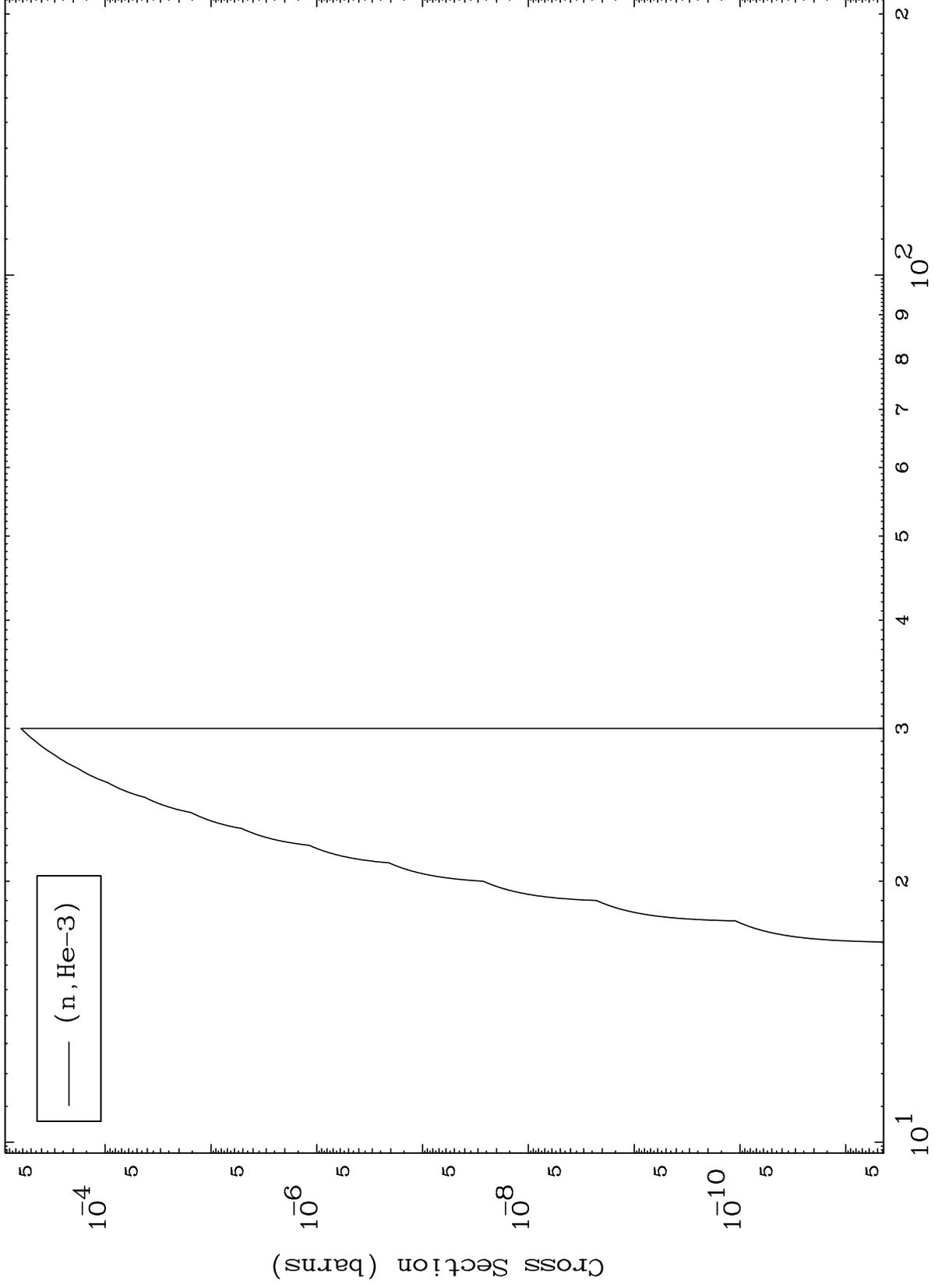
Incident Energy (MeV)

49-In-116

MAT 4935

(n,He3) Levels
293 Kelvin Cross Sections

49-In-116



13

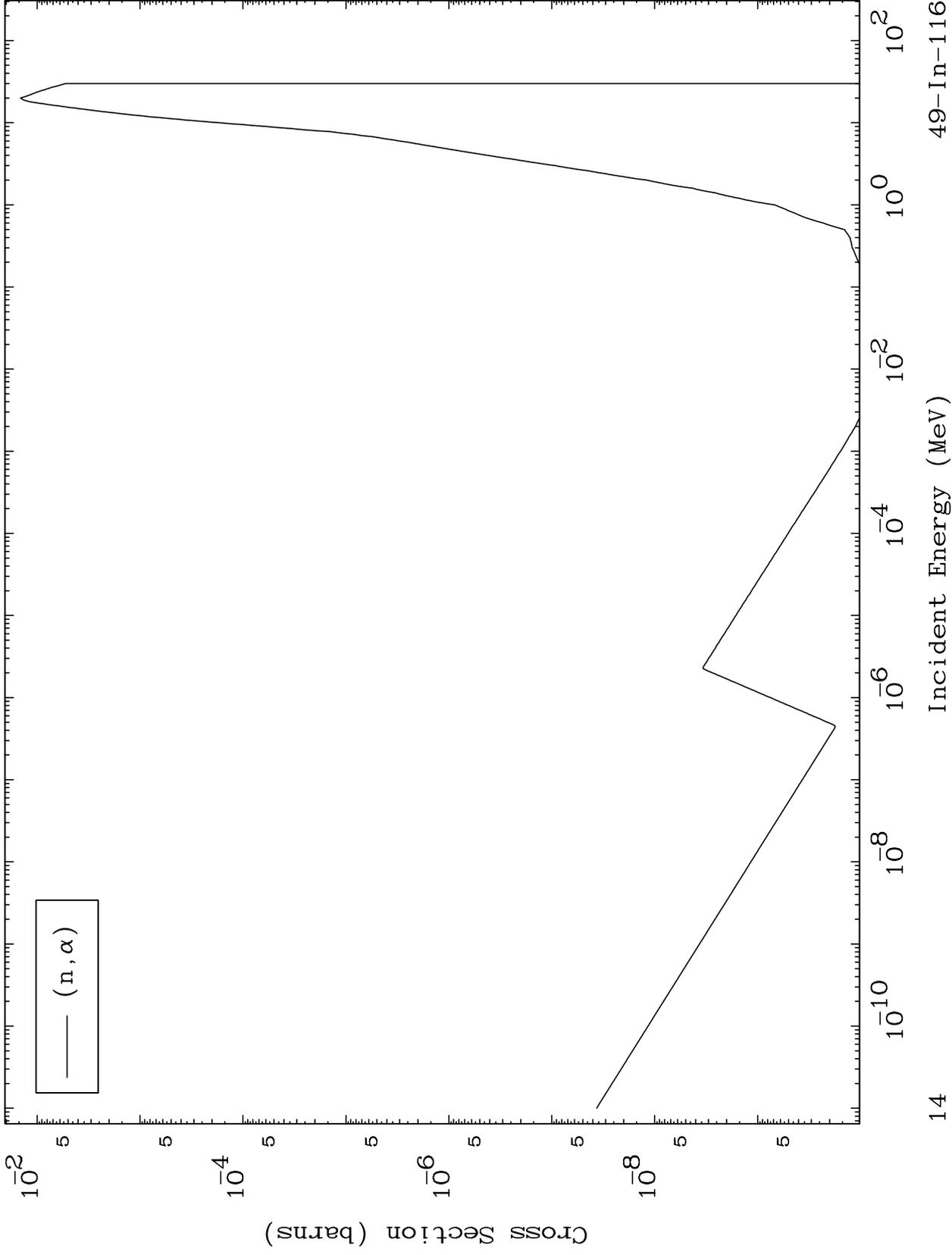
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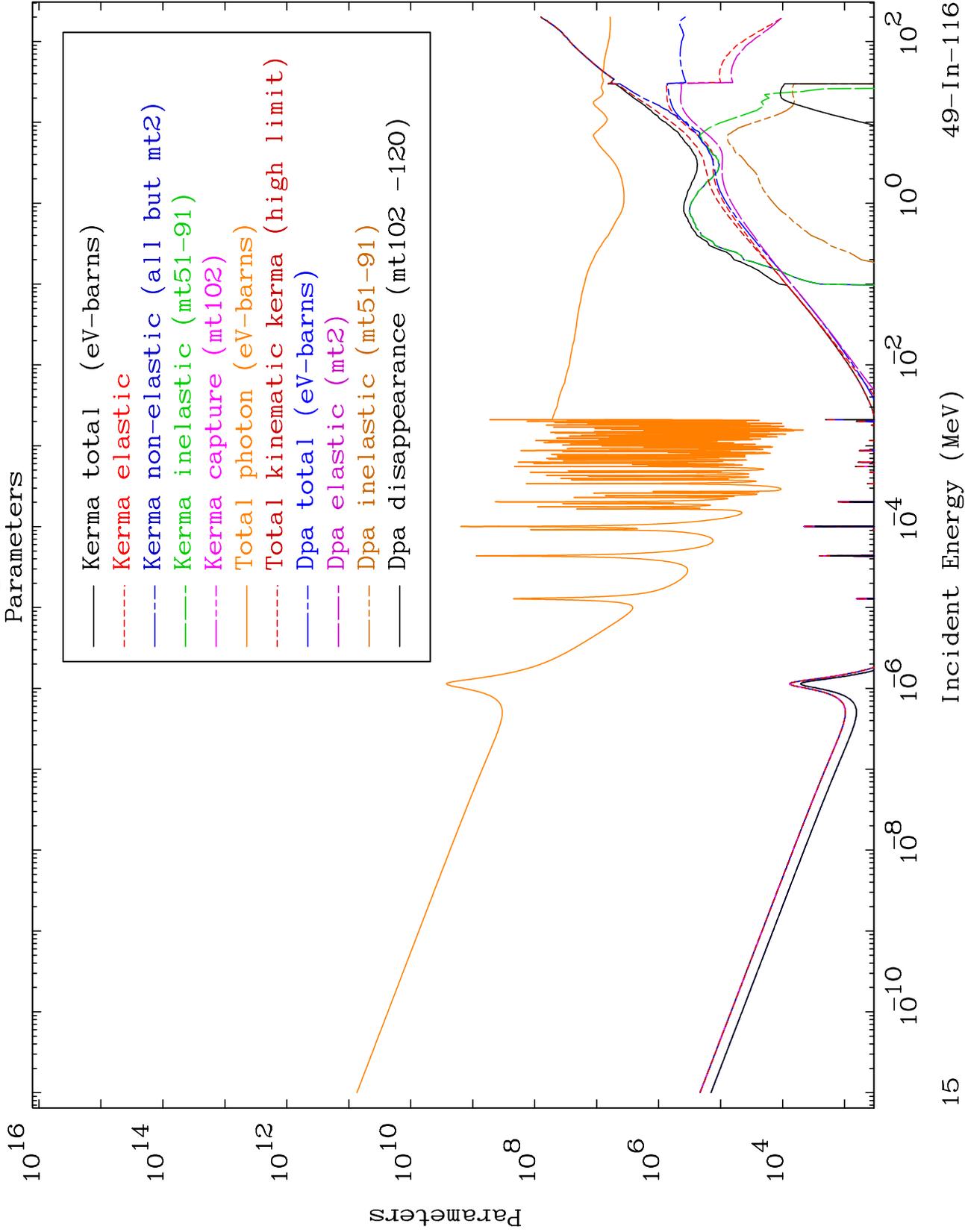
49-In-116

MAT 4935

(n, α) Levels
293 Kelvin Cross Sections

49-In-116

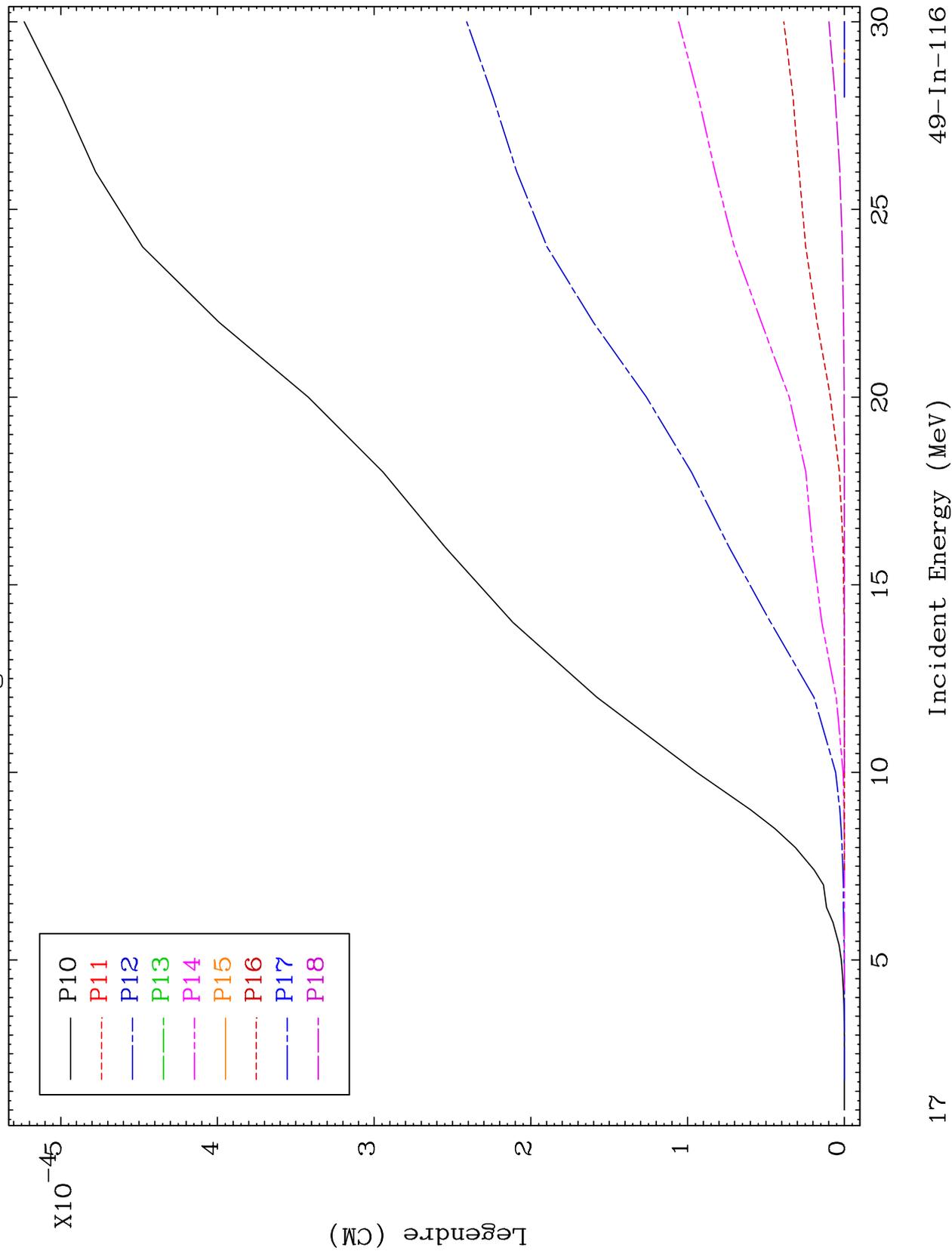




MAT 4935

Elastic Legendre Coefficients

49-In-116



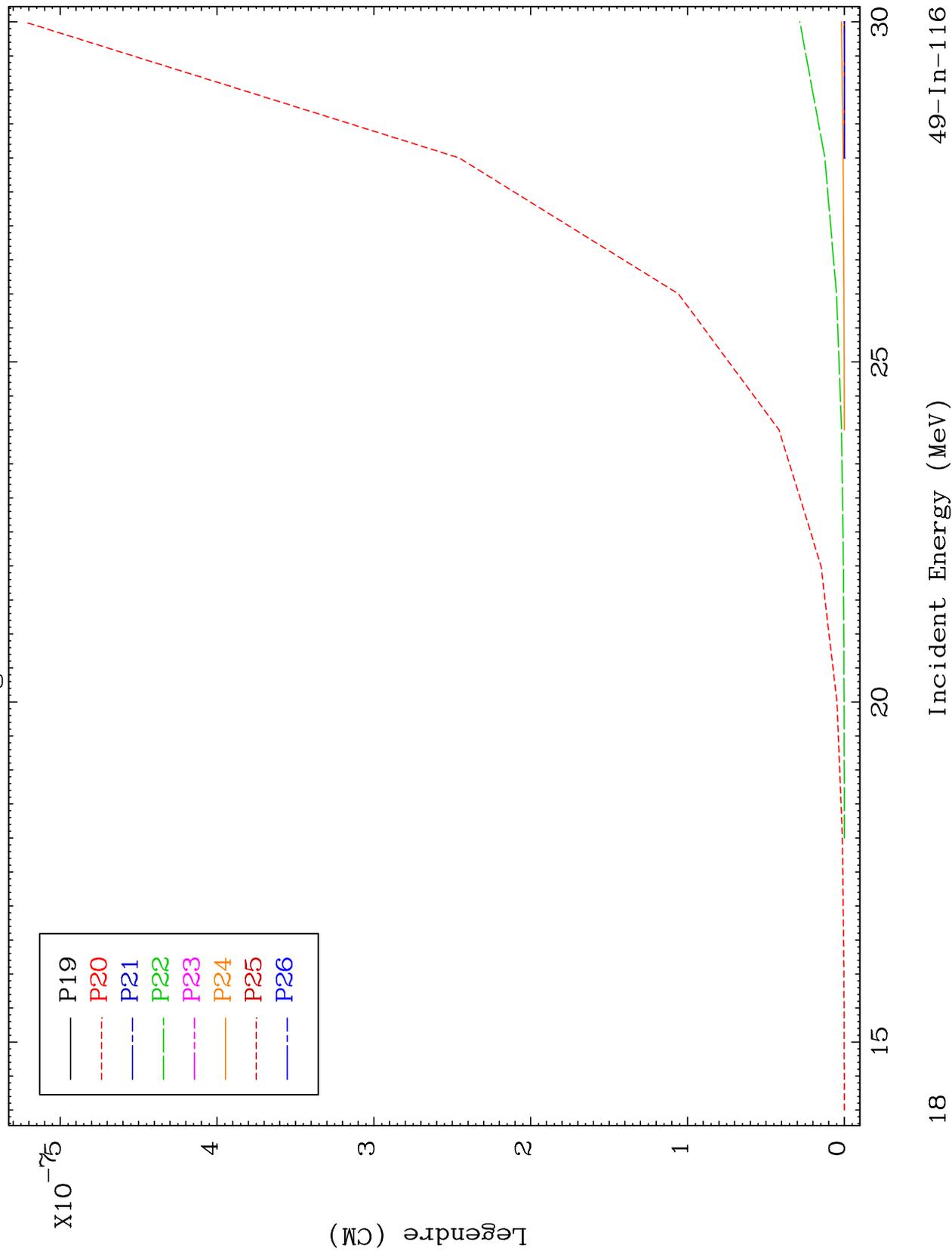
17

49-In-116

MAT 4935

Elastic
Legendre Coefficients

49-In-116

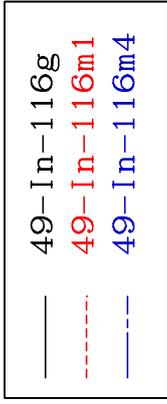
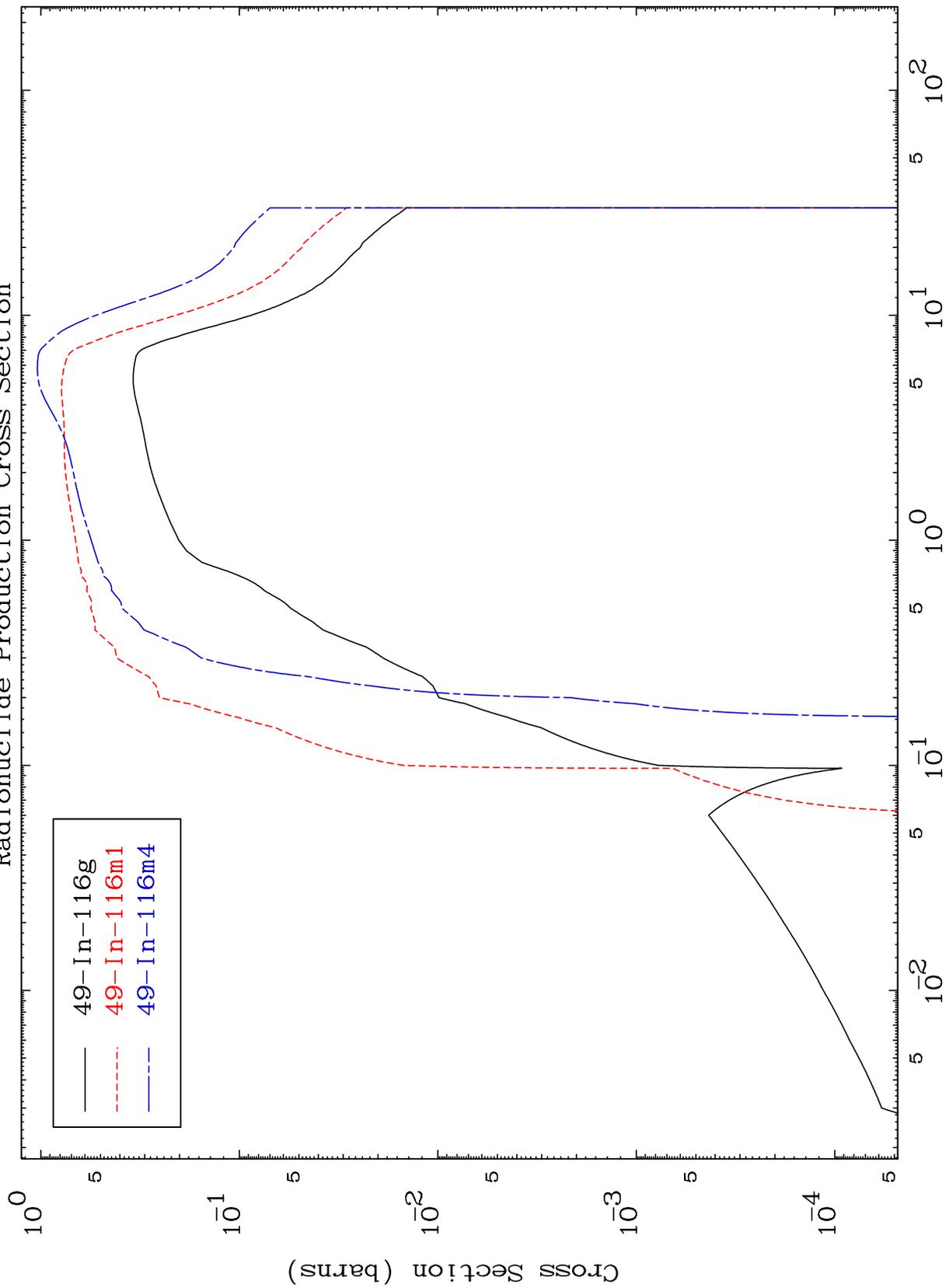


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26

MAT 4935

49-In-116

Inelastic
Radionuclide Production Cross Section



19

49-In-116

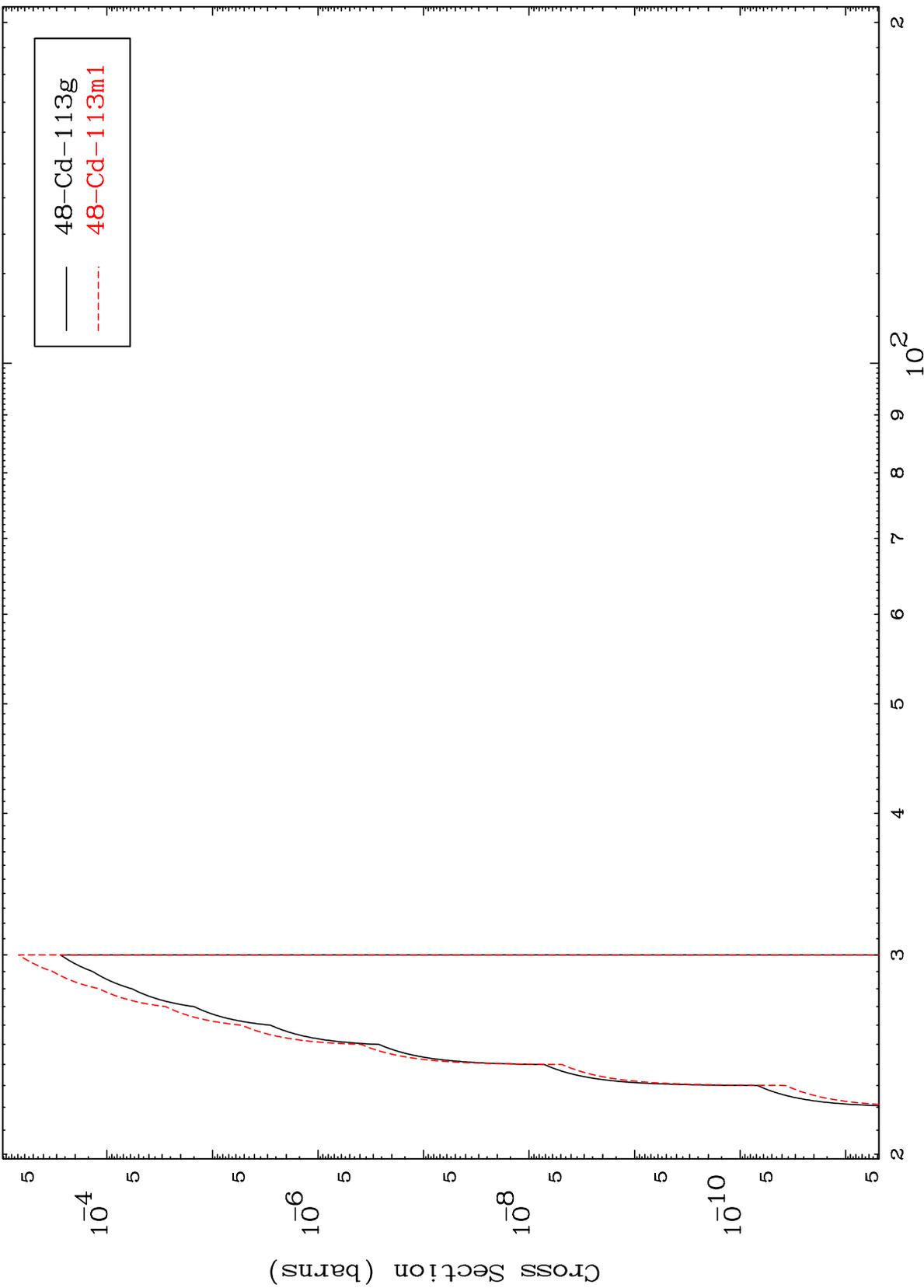
Incident Energy (MeV)

MAT 4935

(n,2n) d

49-In-116

Radionuclide Production Cross Section



20

Incident Energy (MeV)

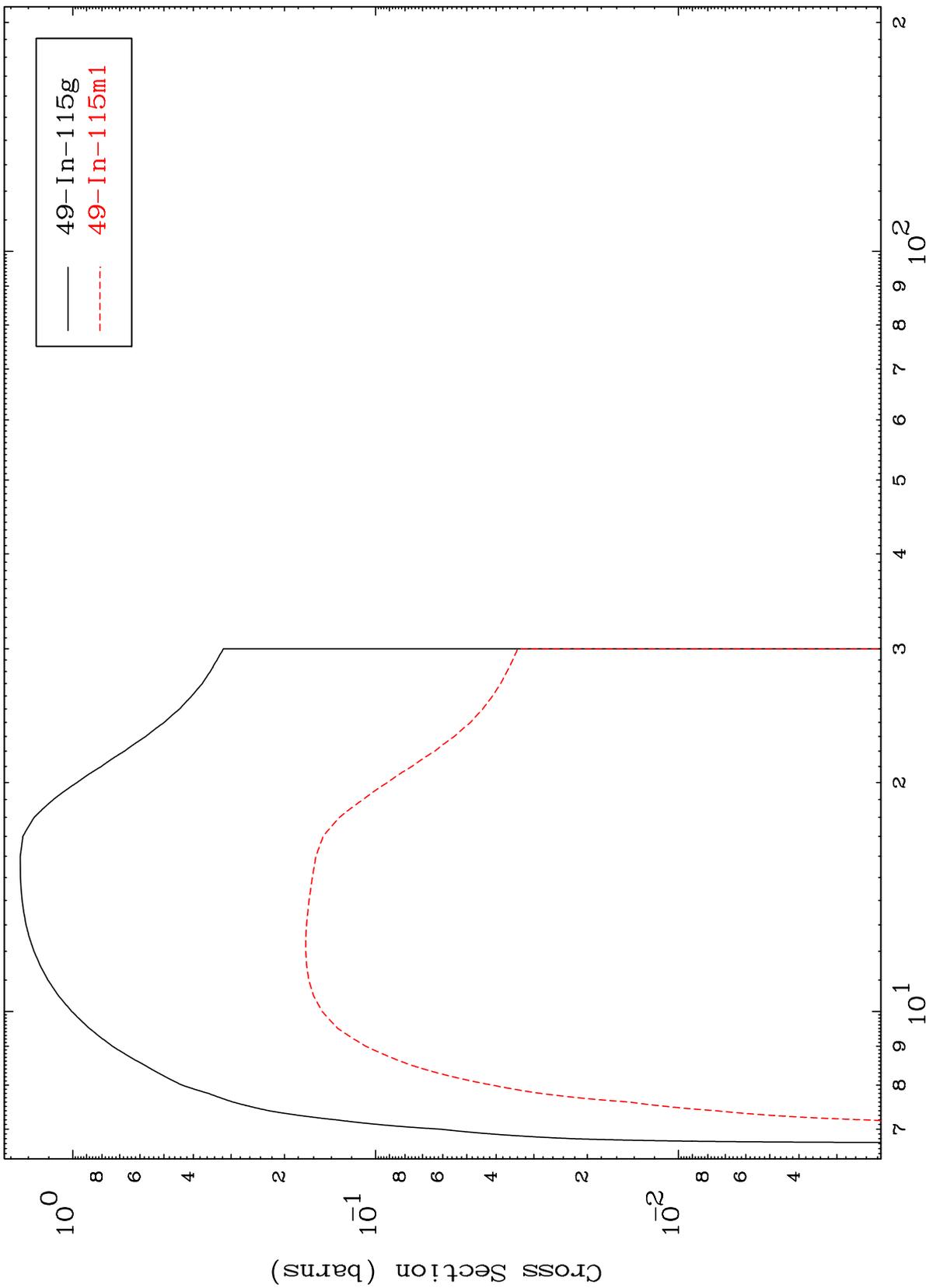
49-In-116

MAT 4935

49-In-116

(n,2n)

Radionuclide Production Cross Section



21

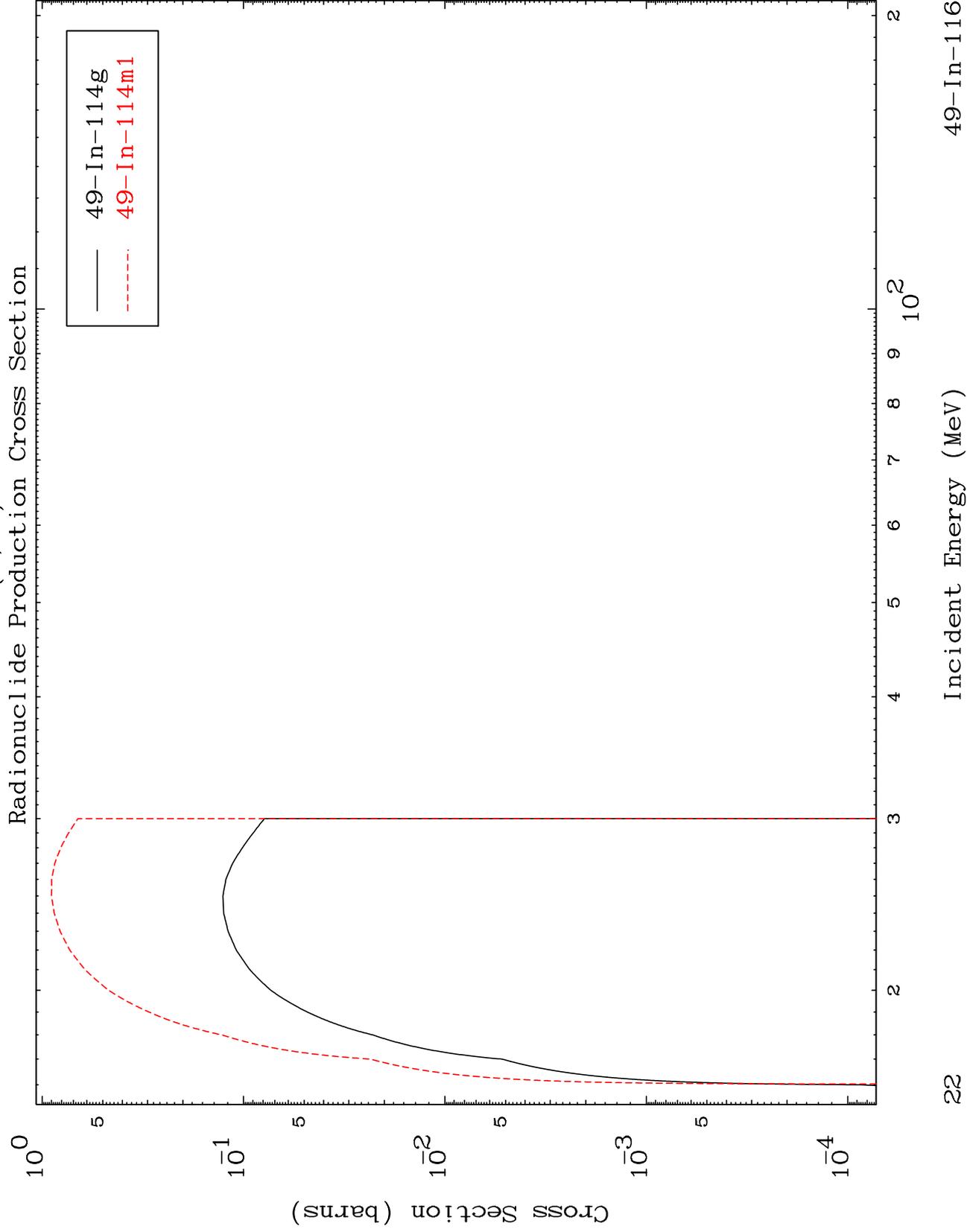
Incident Energy (MeV)

49-In-116

MAT 4935

(n,3n)

49-In-116



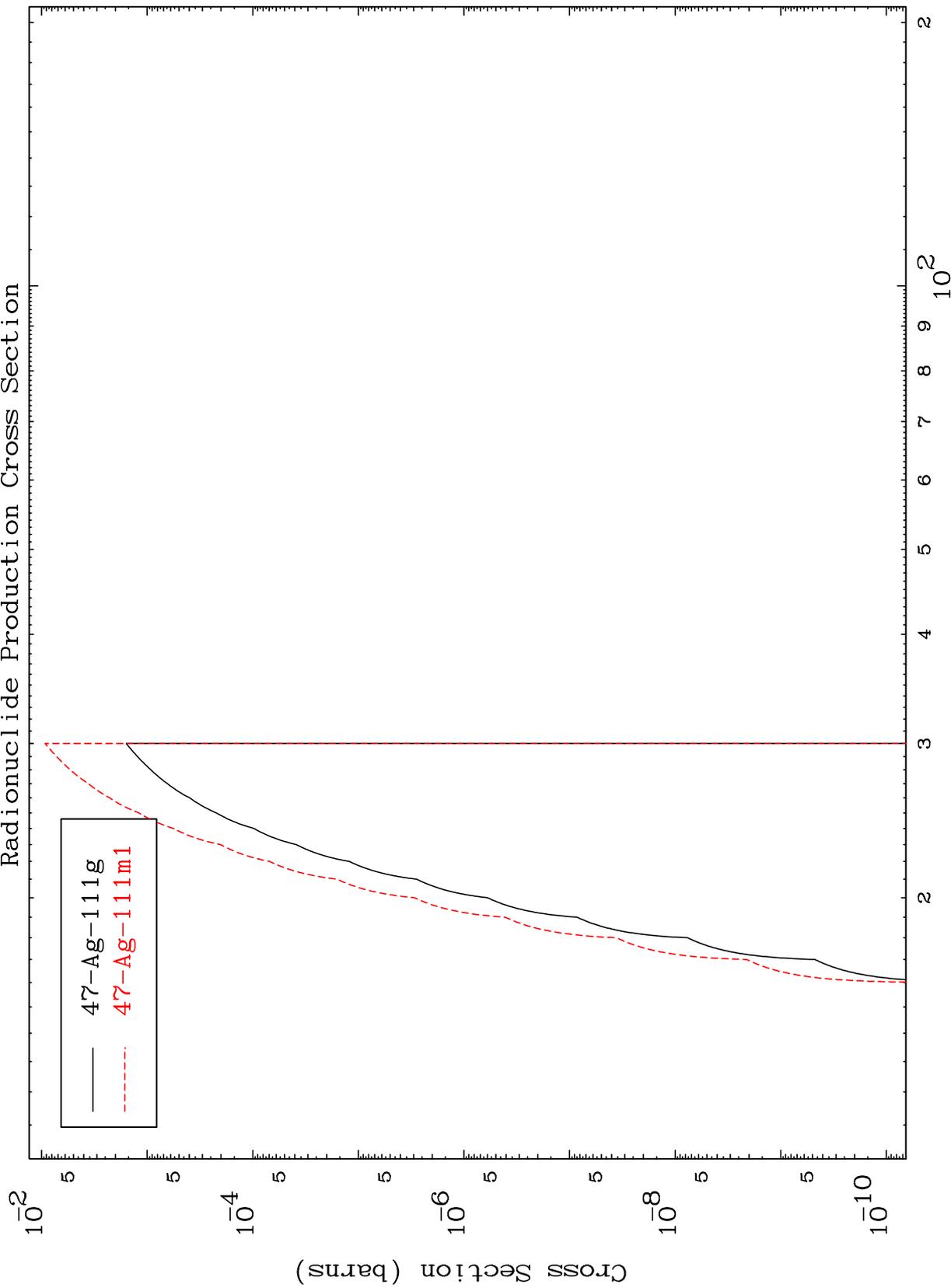
22

MAT 4935

49-In-116

(n,2n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-116

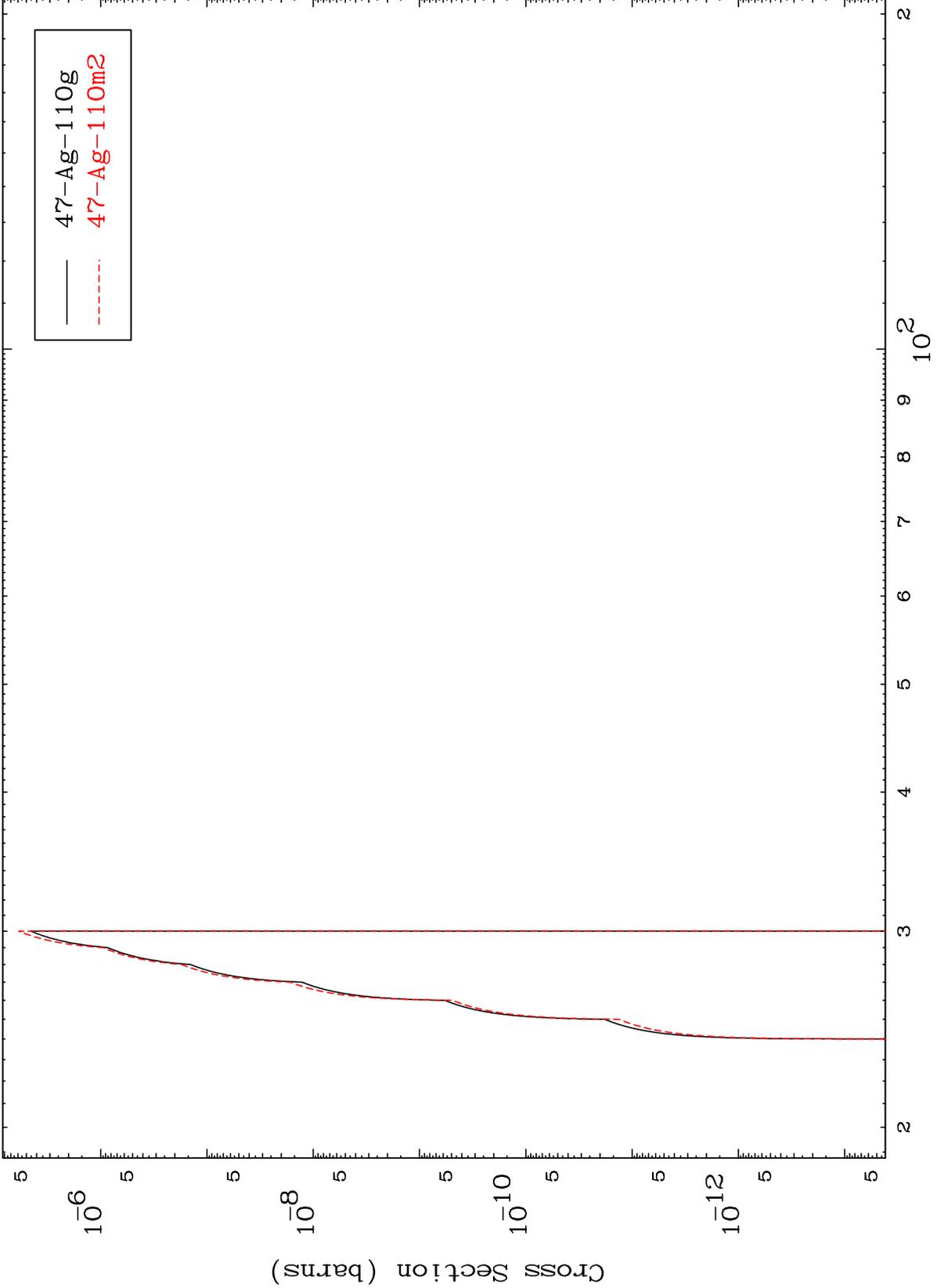
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MAT 4935

(n,3n) α

49-In-116

Radionuclide Production Cross Section



24

Incident Energy (MeV)

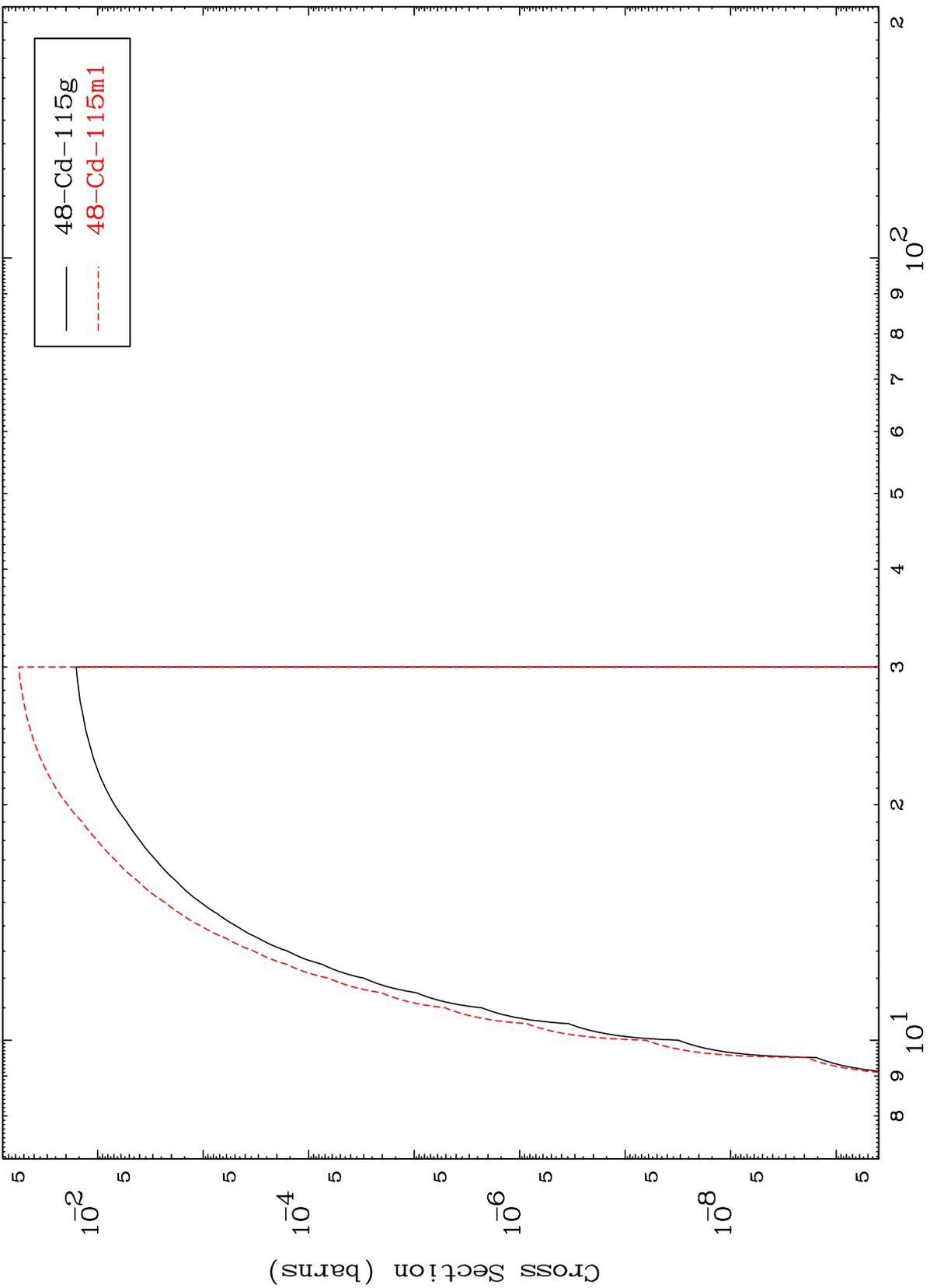
49-In-116

MAT 4935

(n,n') p

49-In-116

Radionuclide Production Cross Section



25

Incident Energy (MeV)

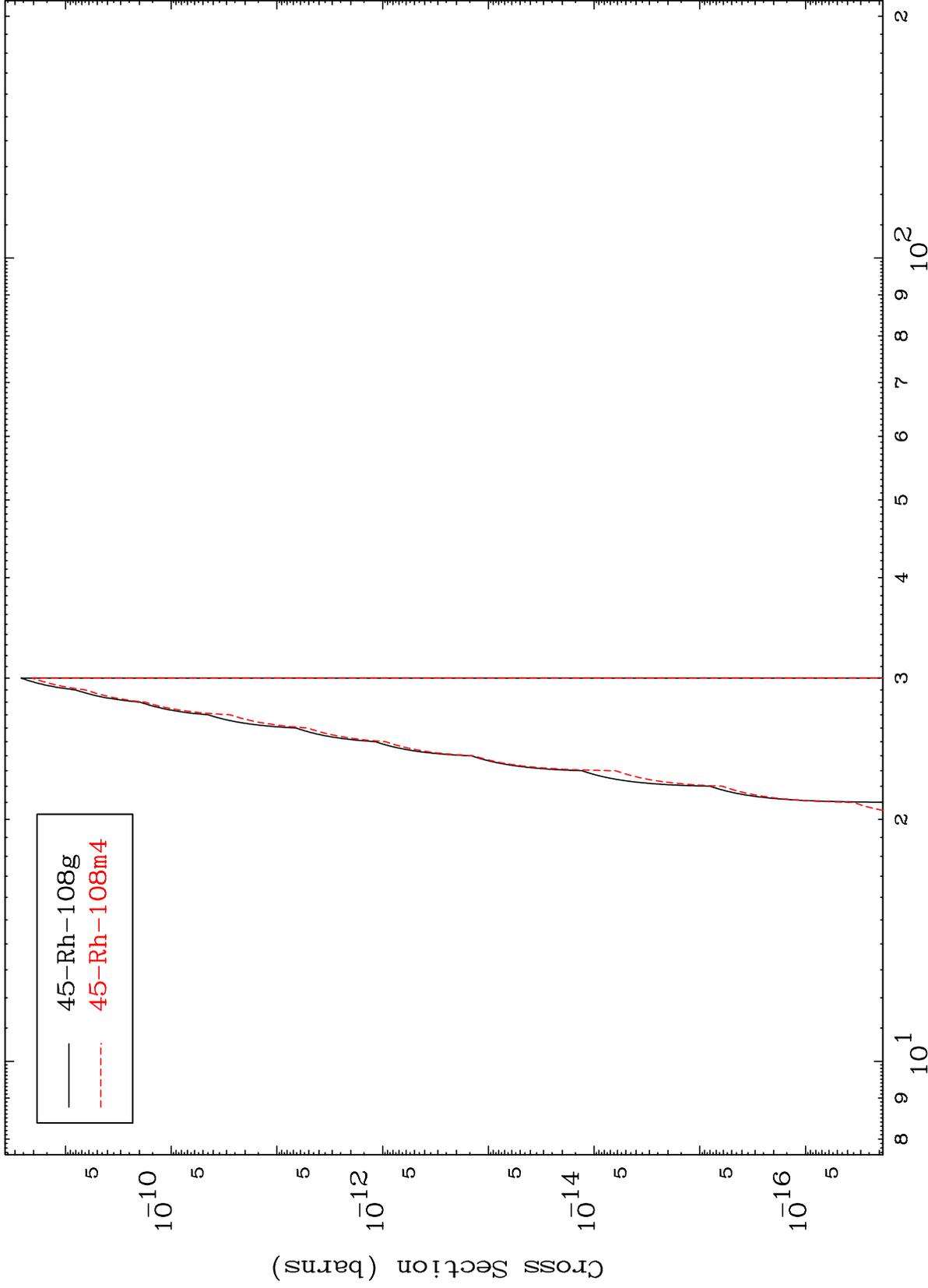
49-In-116

MAT 4935

(n,n') 2α

49-In-116

Radionuclide Production Cross Section



26

Incident Energy (MeV)

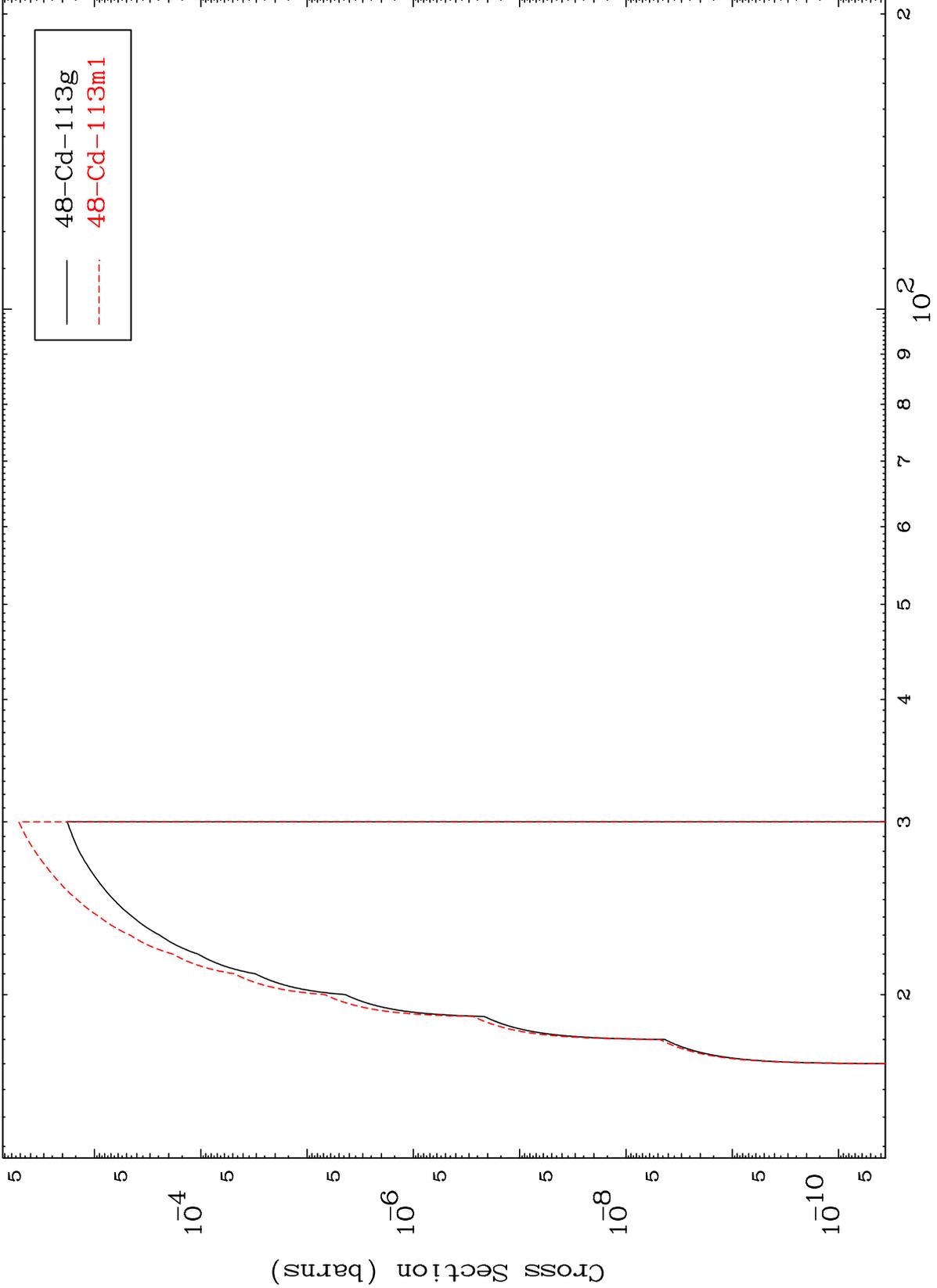
49-In-116

MAT 4935

(n,n') t

49-In-116

Radionuclide Production Cross Section

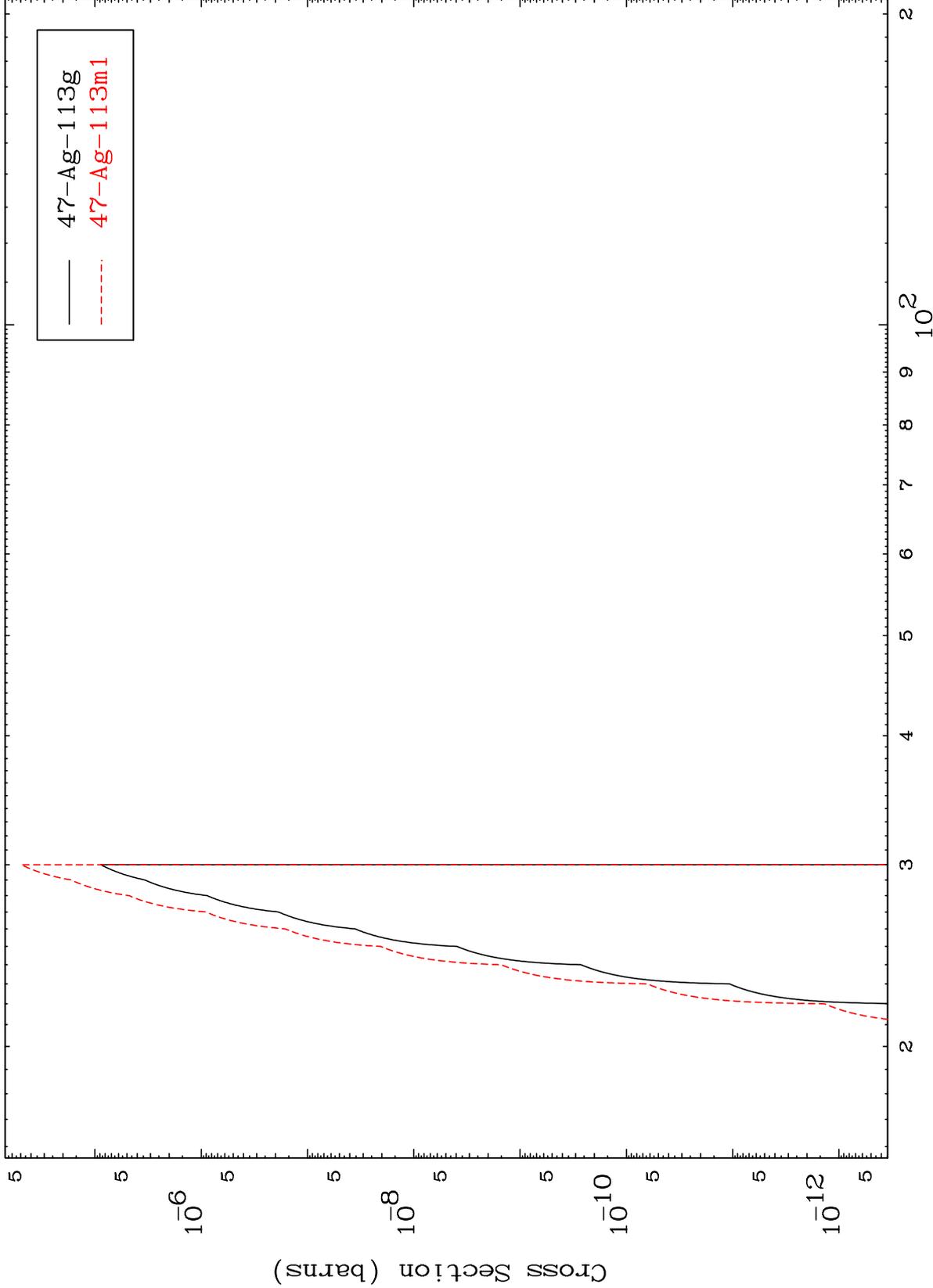


27

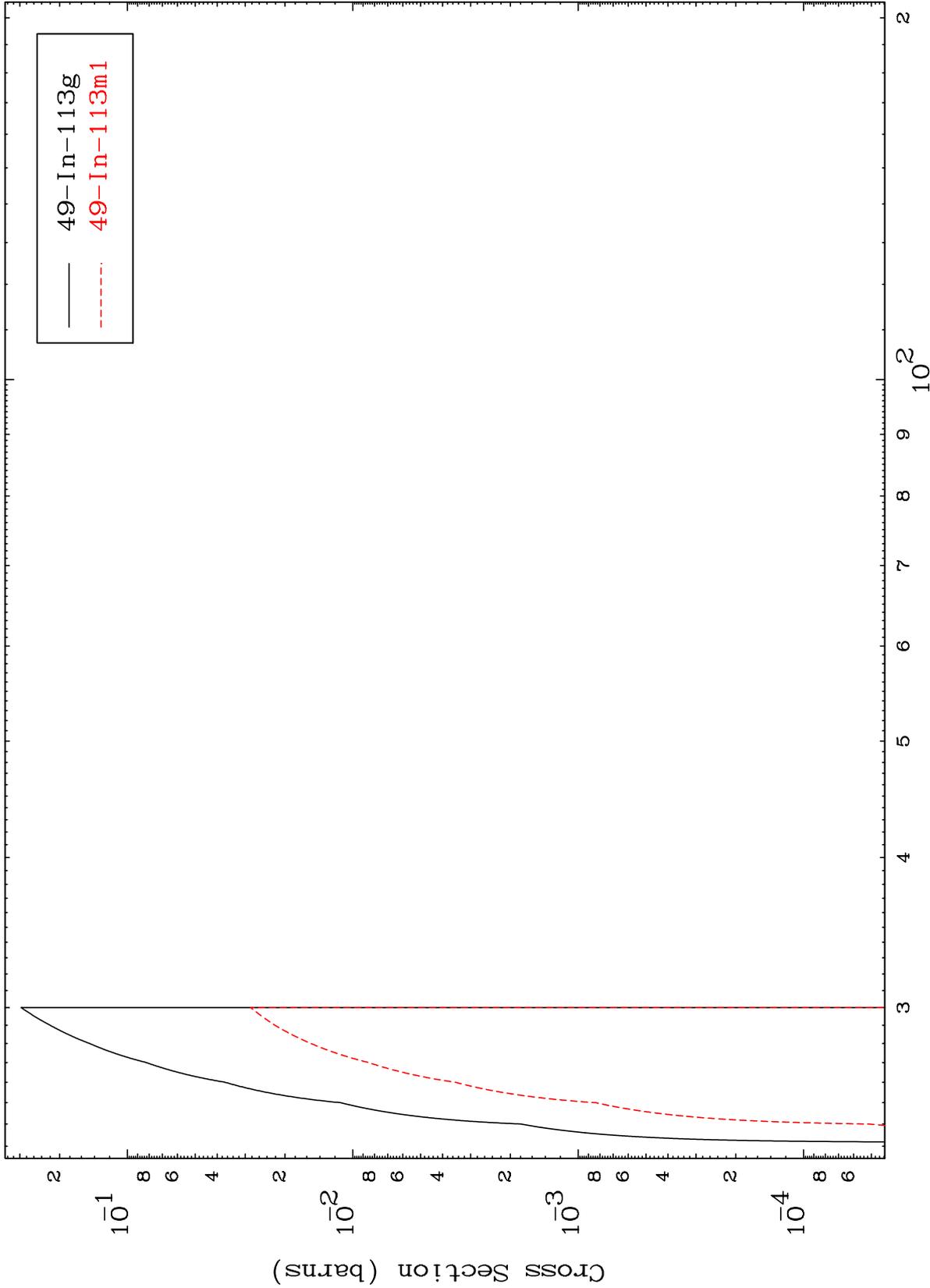
Incident Energy (MeV)

49-In-116

Radionuclide Production Cross Section



Radionuclide Production Cross Section

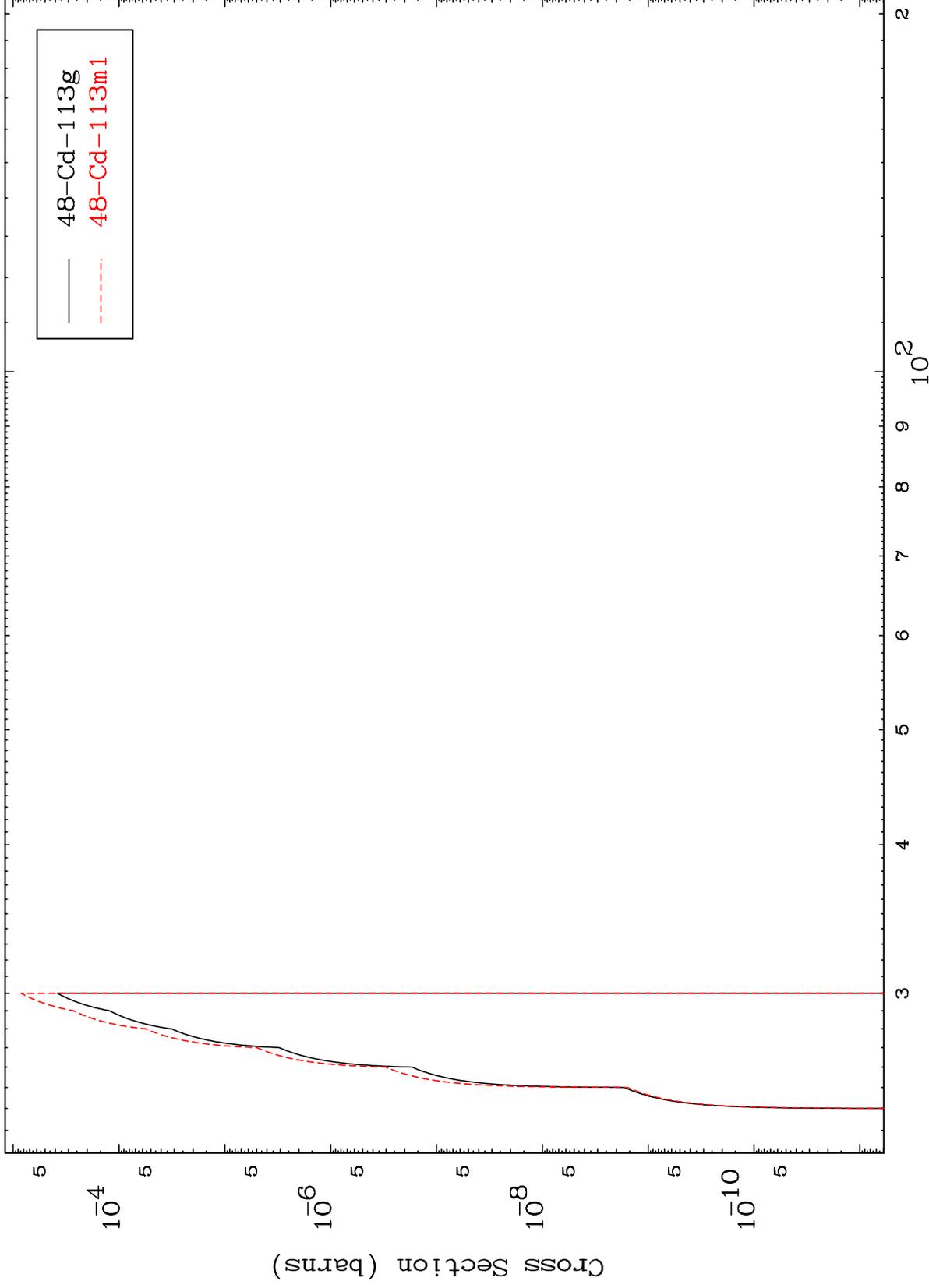


MAT 4935

(n,3n) p

49-In-116

Radionuclide Production Cross Section



30

Incident Energy (MeV)

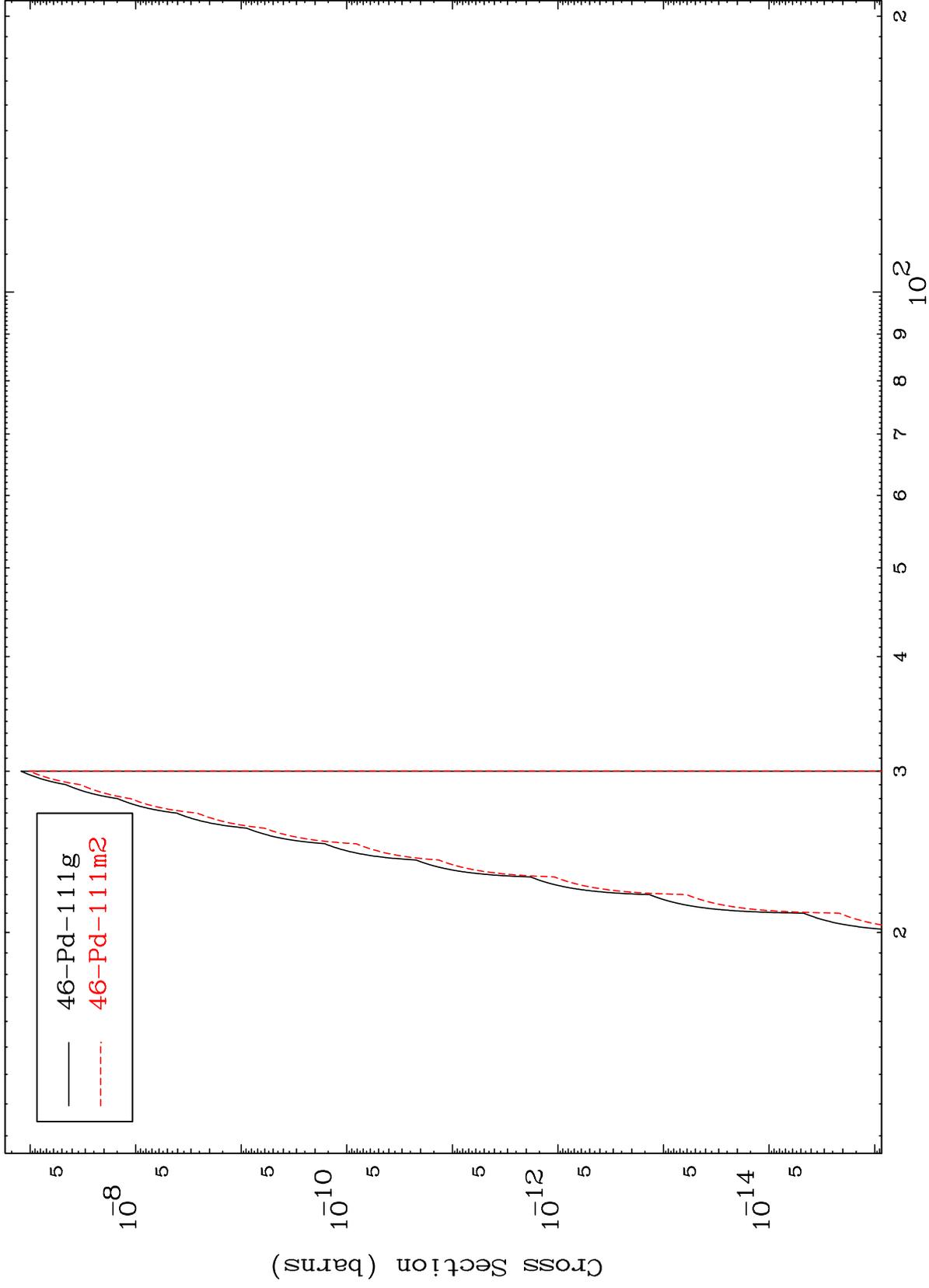
49-In-116

MAT 4935

(n,n') p α

49-In-116

Radionuclide Production Cross Section



31

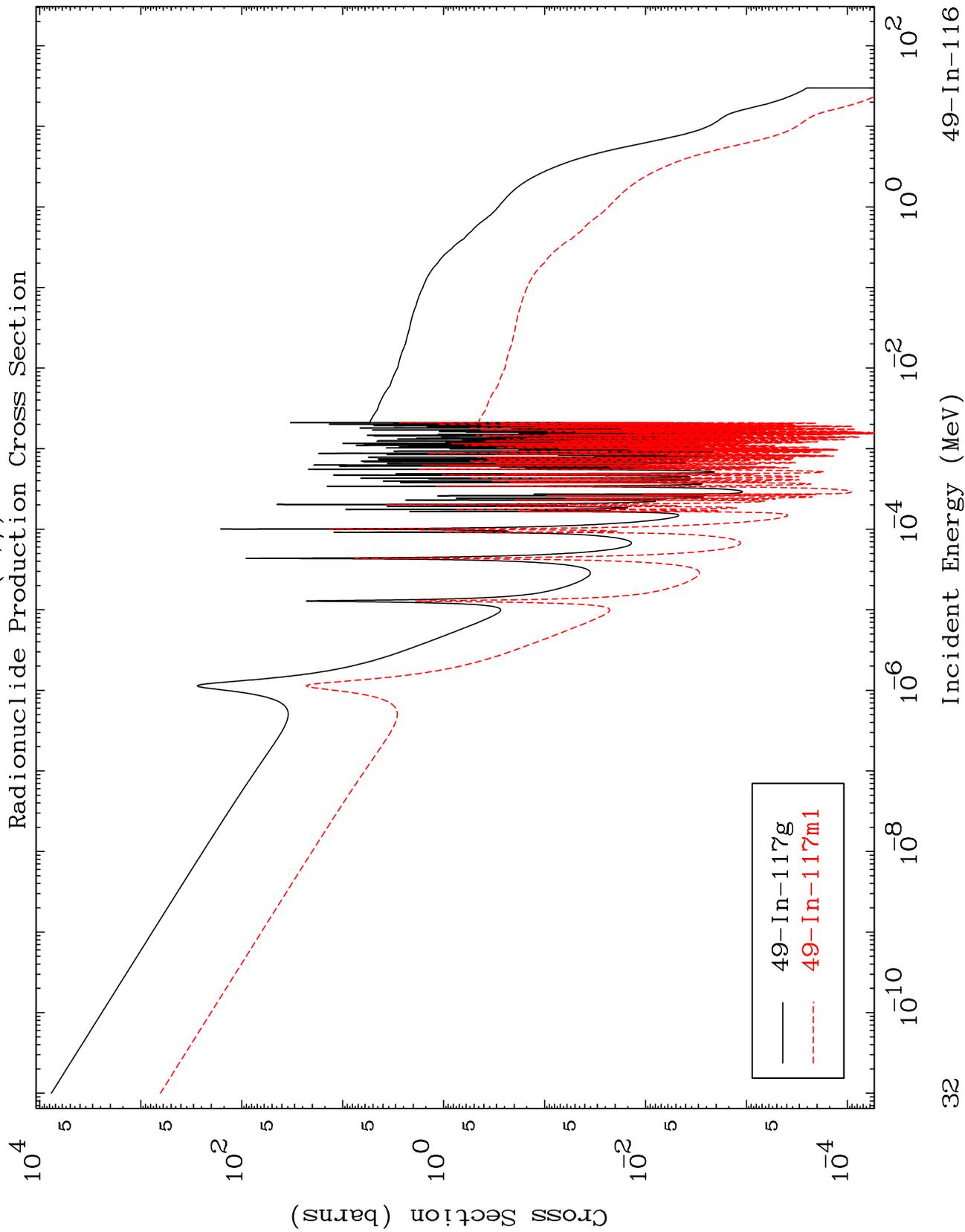
Incident Energy (MeV)

49-In-116

MAT 4935

(n,γ)

49-In-116

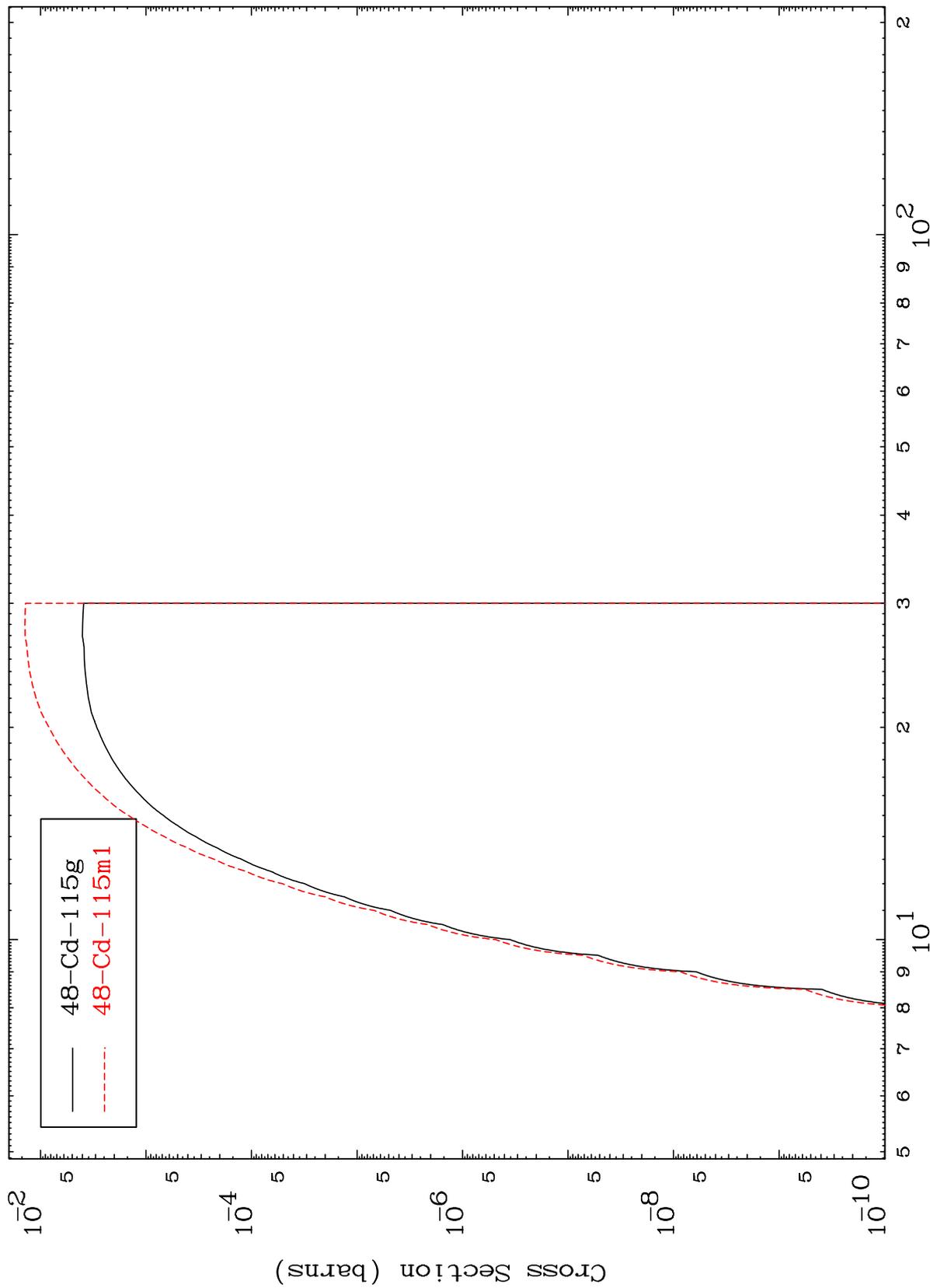


MAT 4935

(n,d)

49-In-116

Radionuclide Production Cross Section



48-Cd-115g
48-Cd-115m1

Incident Energy (MeV)

49-In-116

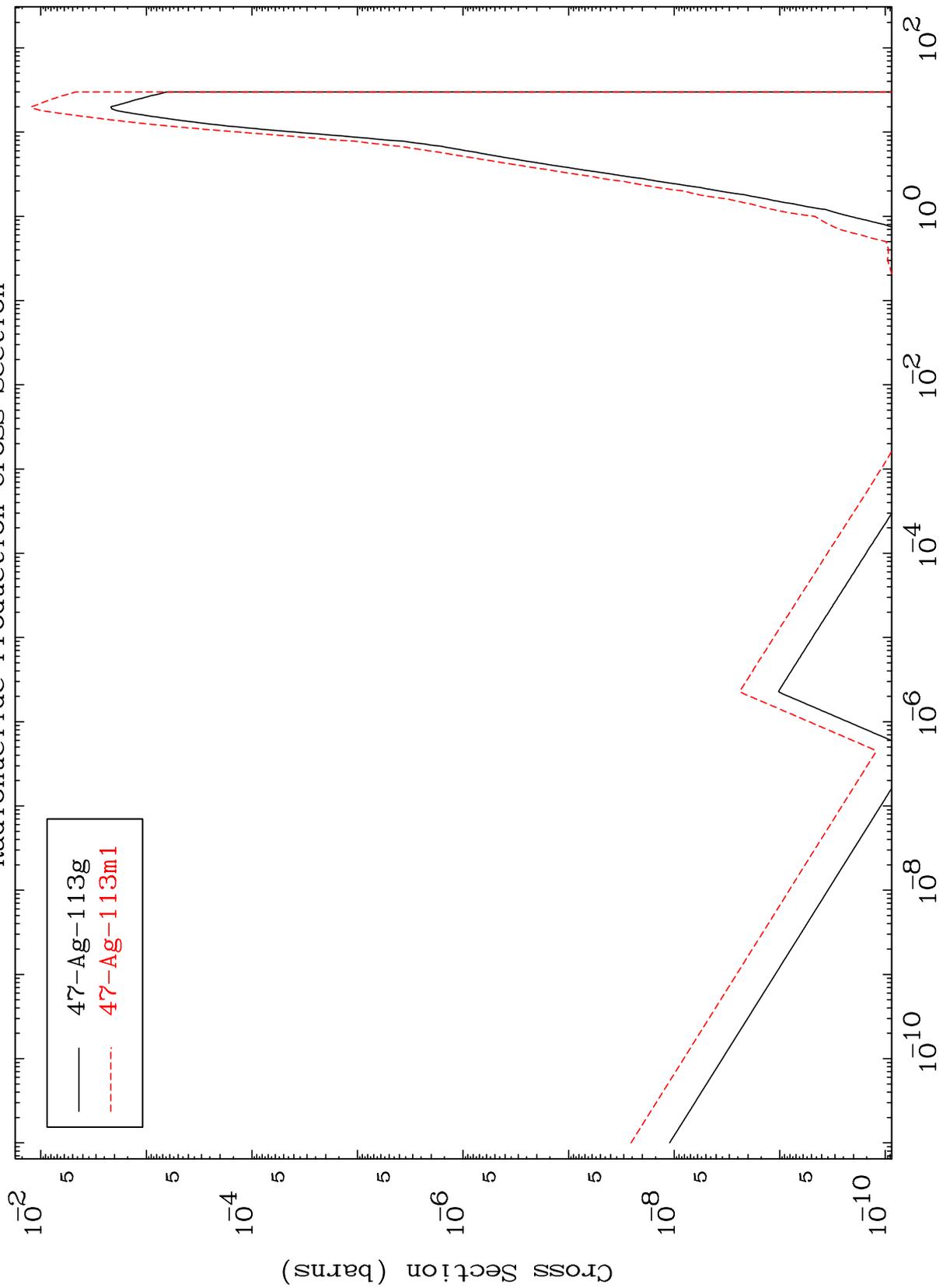
33

MAT 4935

(n, α)

49-In-116

Radionuclide Production Cross Section

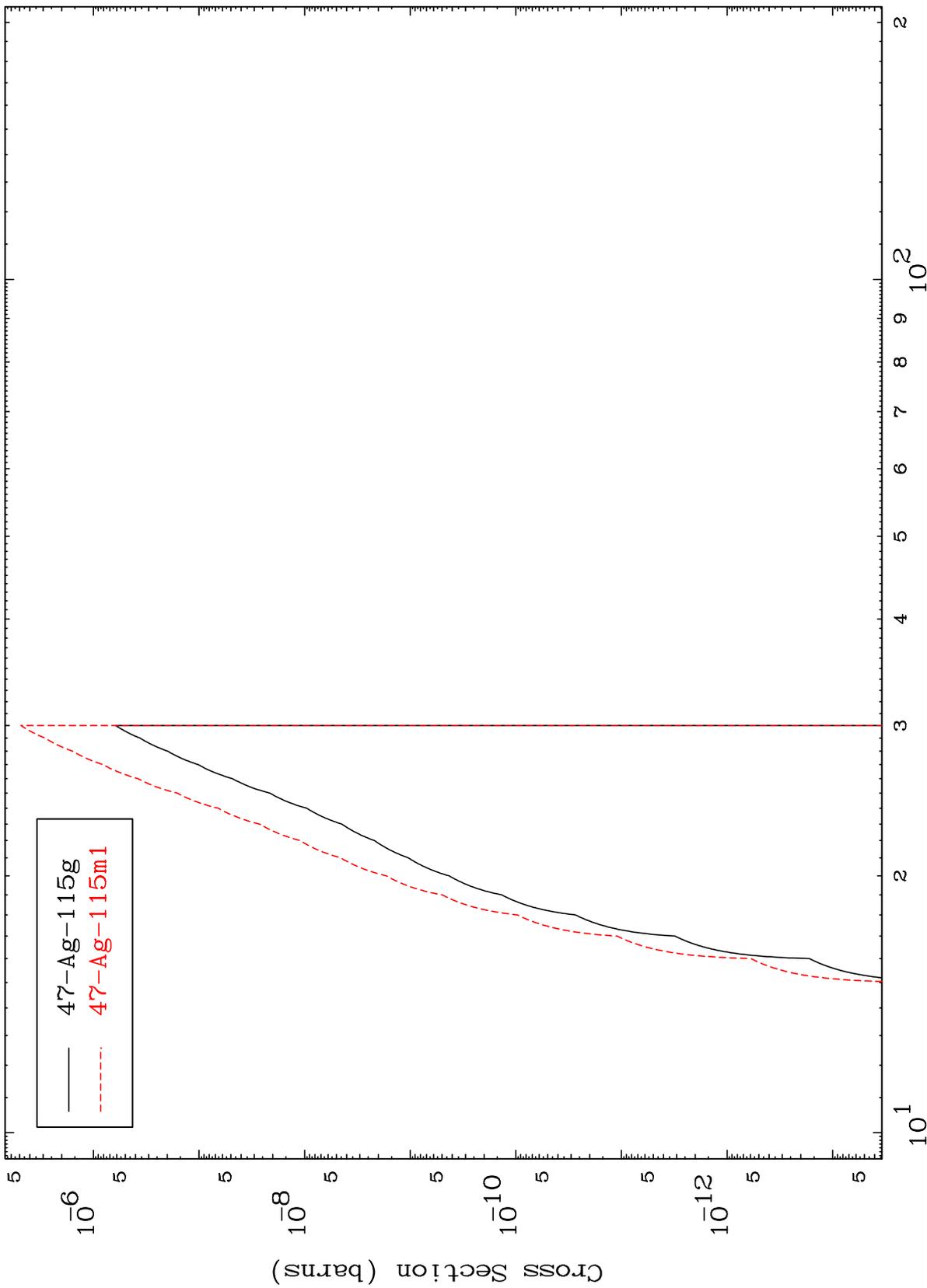


— 47-Ag-113g
- - - 47-Ag-113m1

MAT 4935

49-In-116

(n,2p)
Radionuclide Production Cross Section

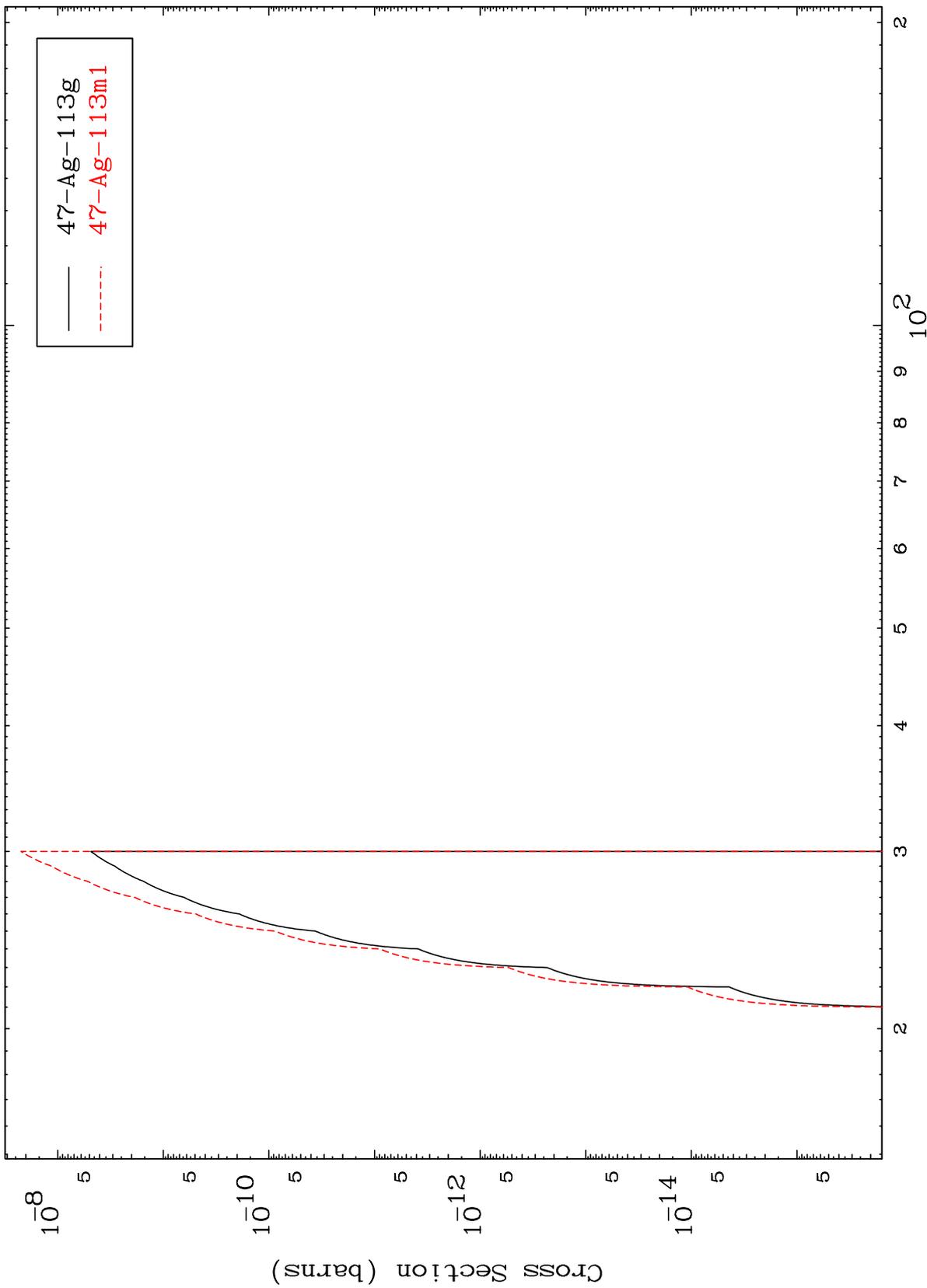


49-In-116

Incident Energy (MeV)

35

Radionuclide Production Cross Section

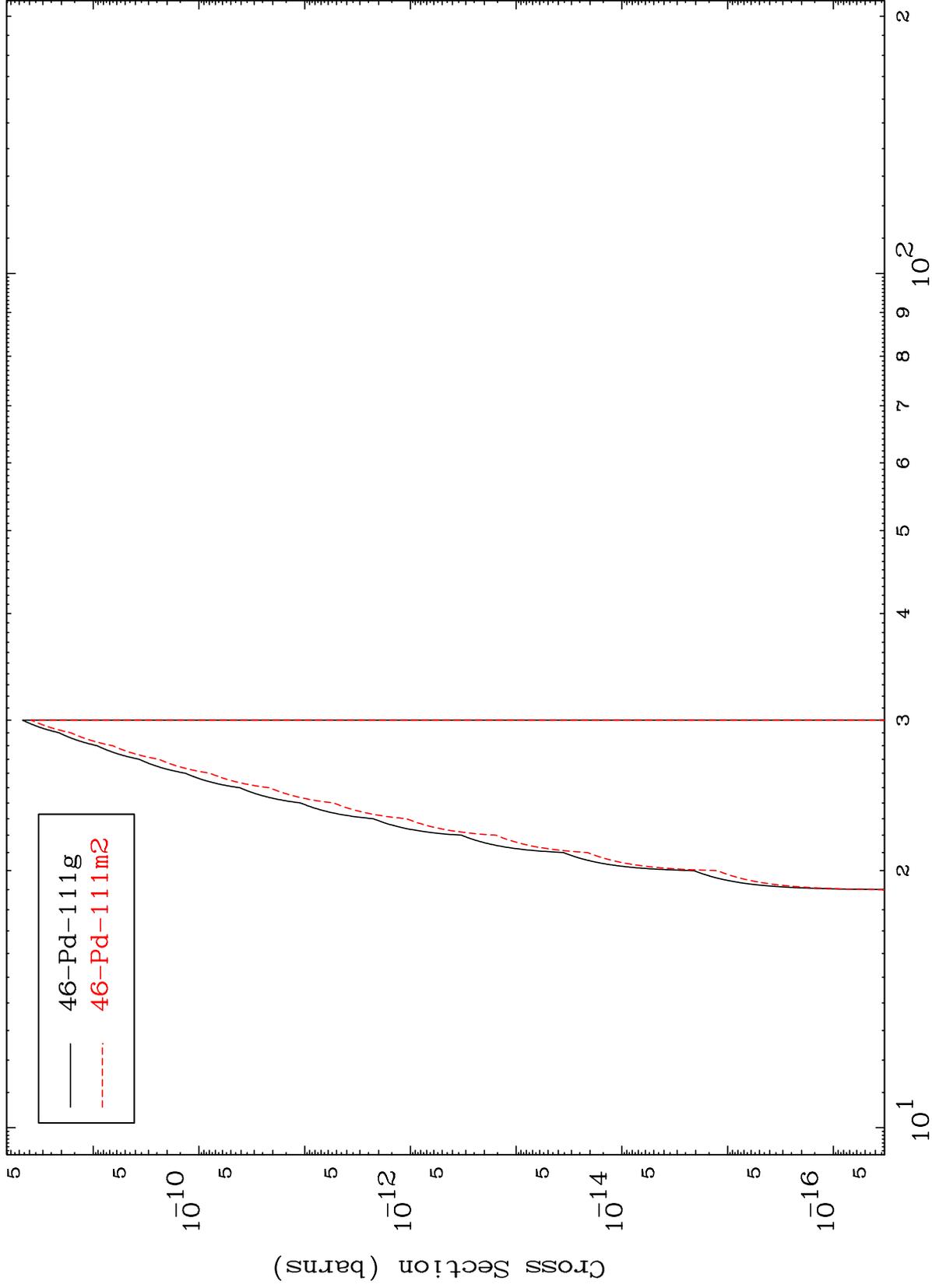


MAT 4935

(n,d) α

49-In-116

Radionuclide Production Cross Section



37

Incident Energy (MeV)

49-In-116