

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

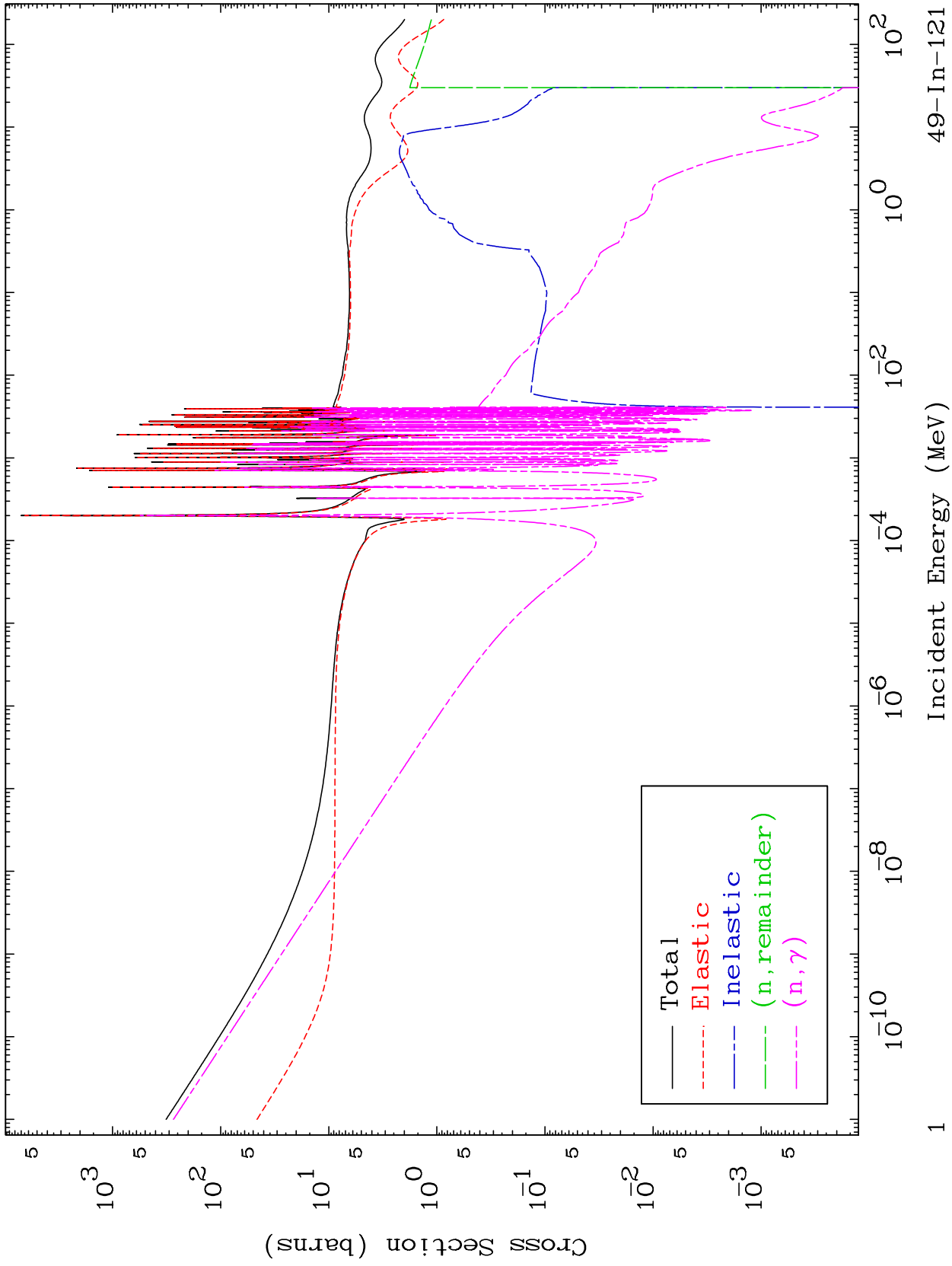
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4950

Major
293 Kelvin Cross Sections

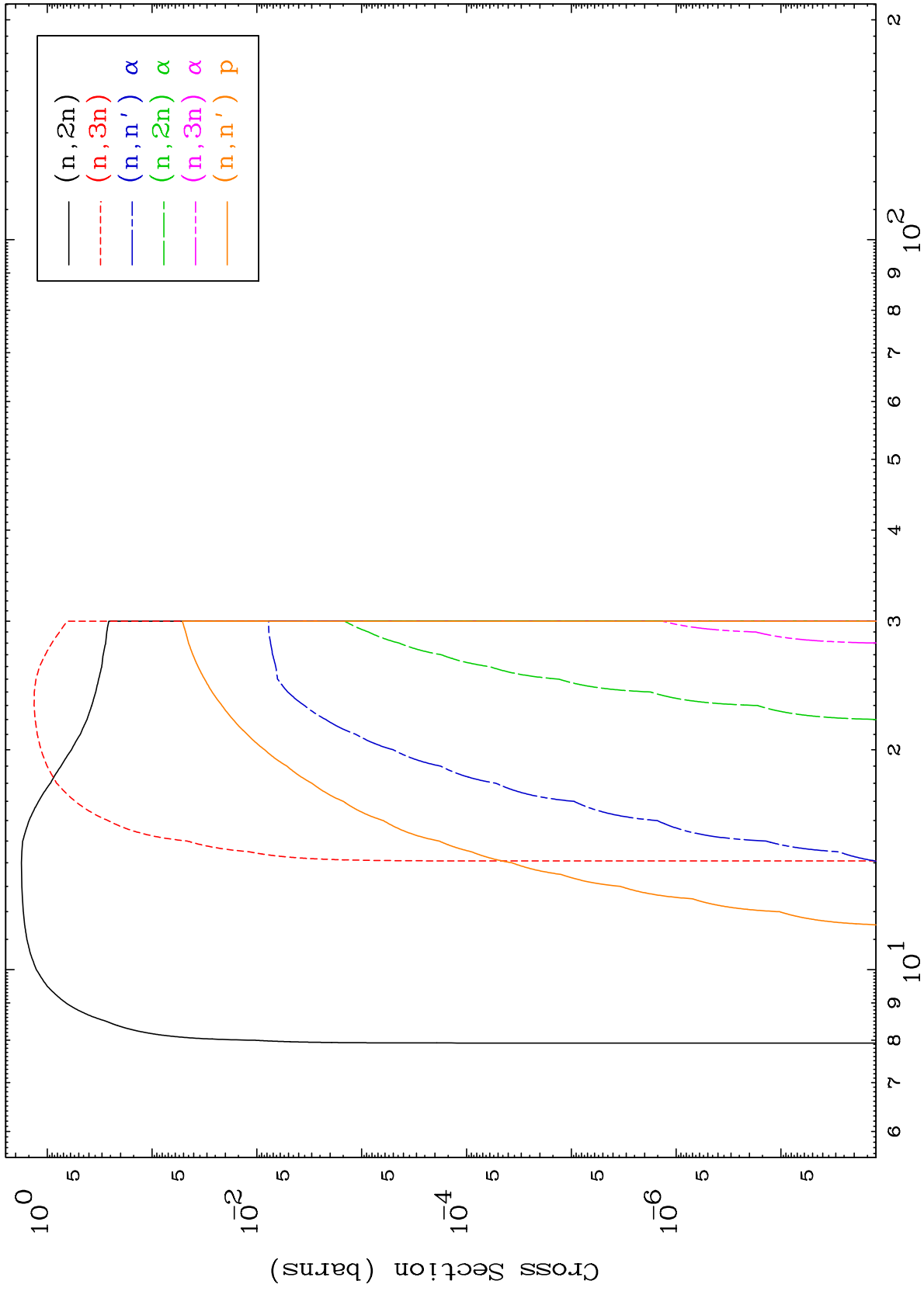
49-In-121



MAT 4950

Neutron Production 293 Kelvin Cross Sections

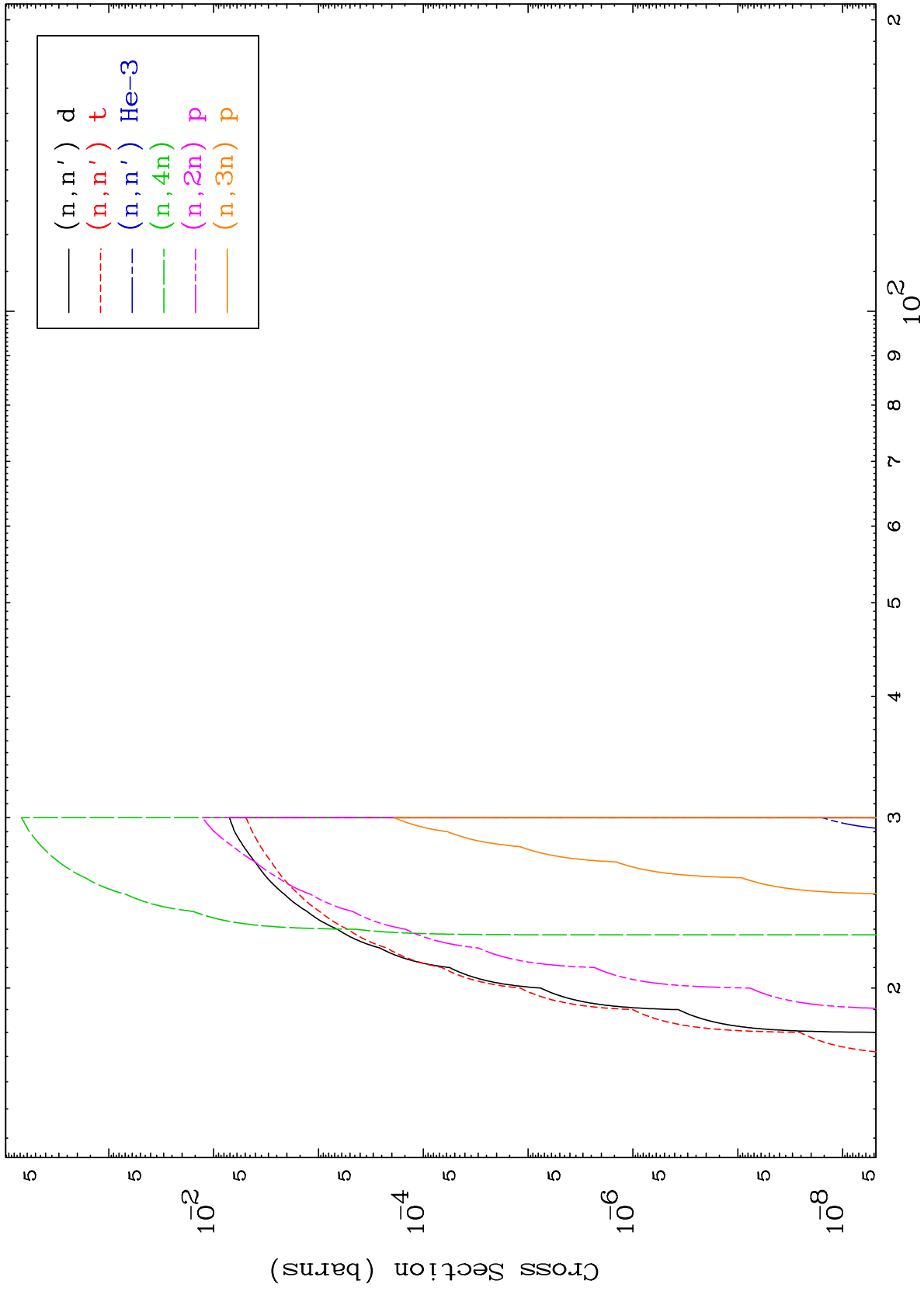
49-In-121



2

Incident Energy (MeV)

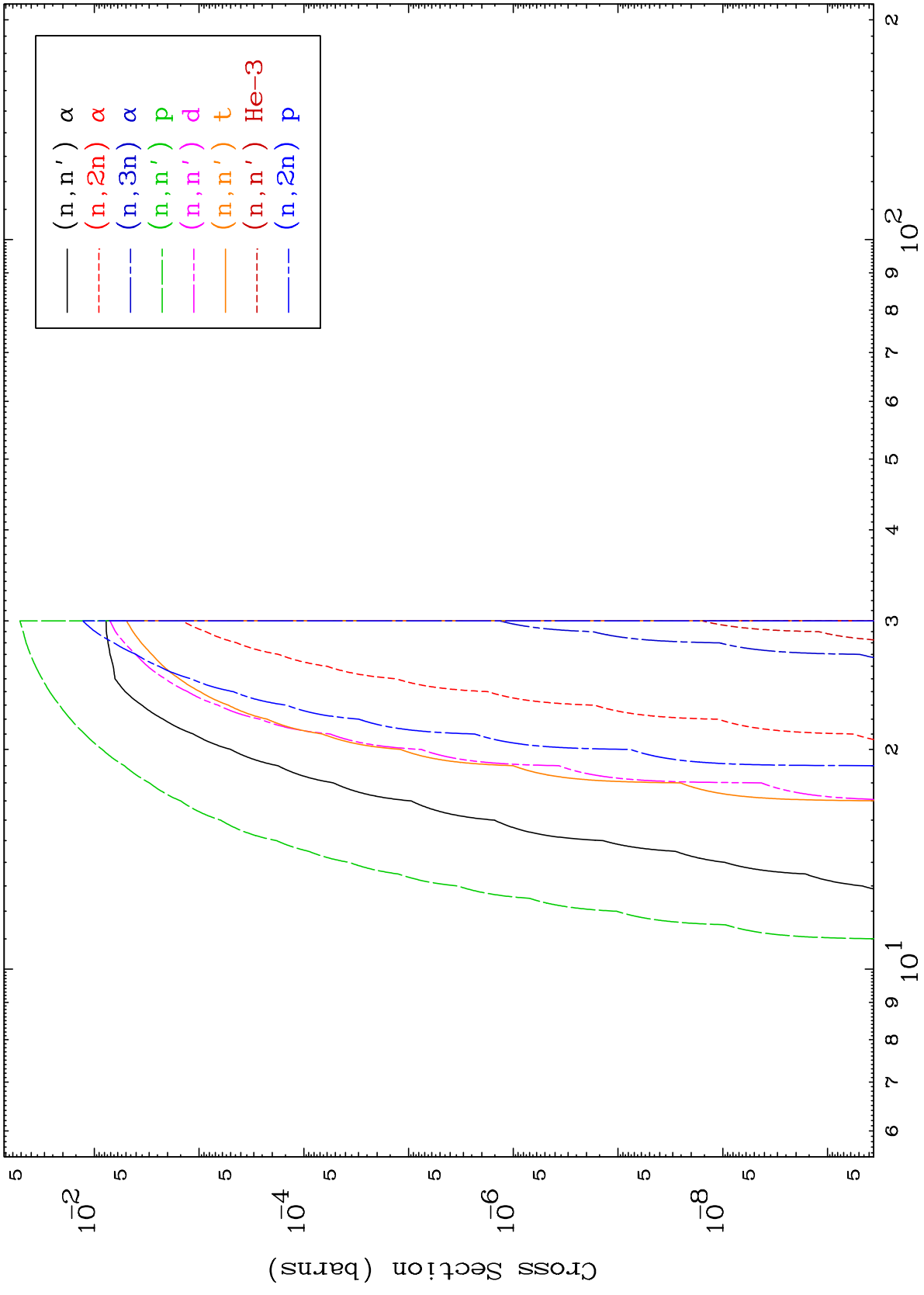
49-In-121



MAT 4950

Charged Particle
293 Kelvin Cross Sections

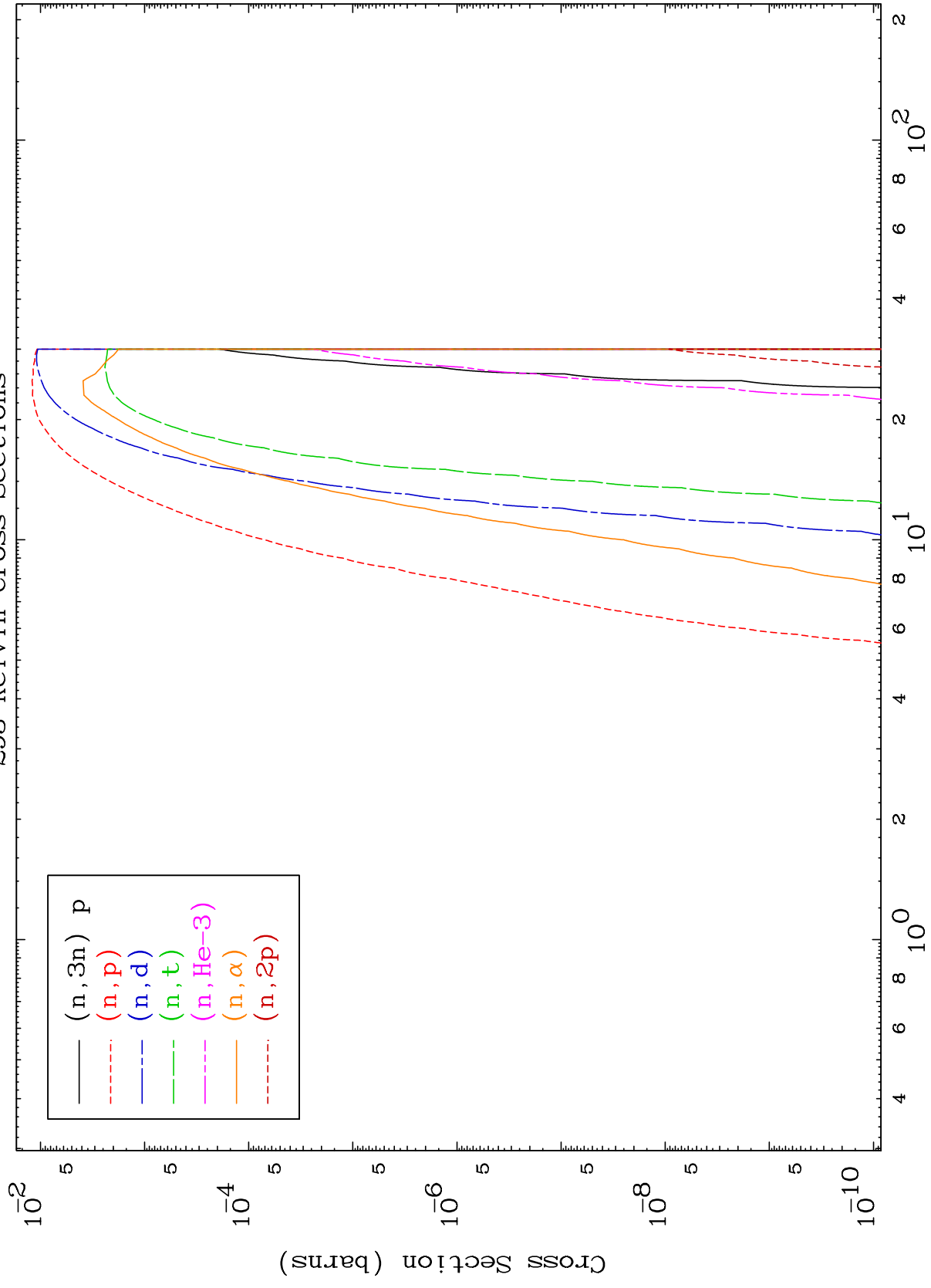
49-In-121



MAT 4950

Charged Particle
293 Kelvin Cross Sections

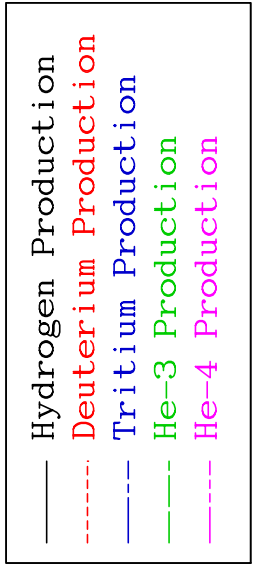
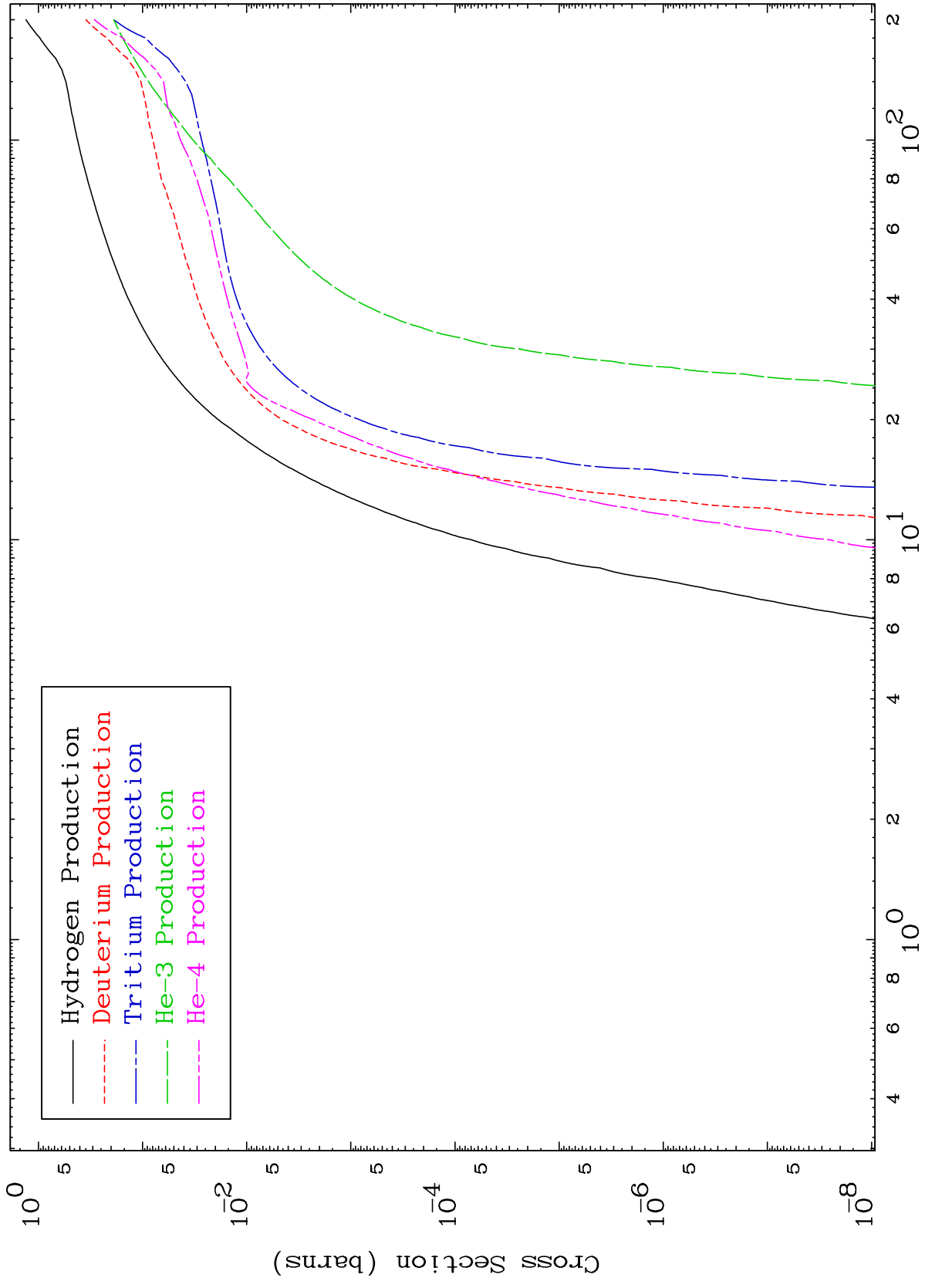
49-In-121



MAT 4950

Particle Production
293 Kelvin Cross Sections

49-In-121



6

Incident Energy (MeV)

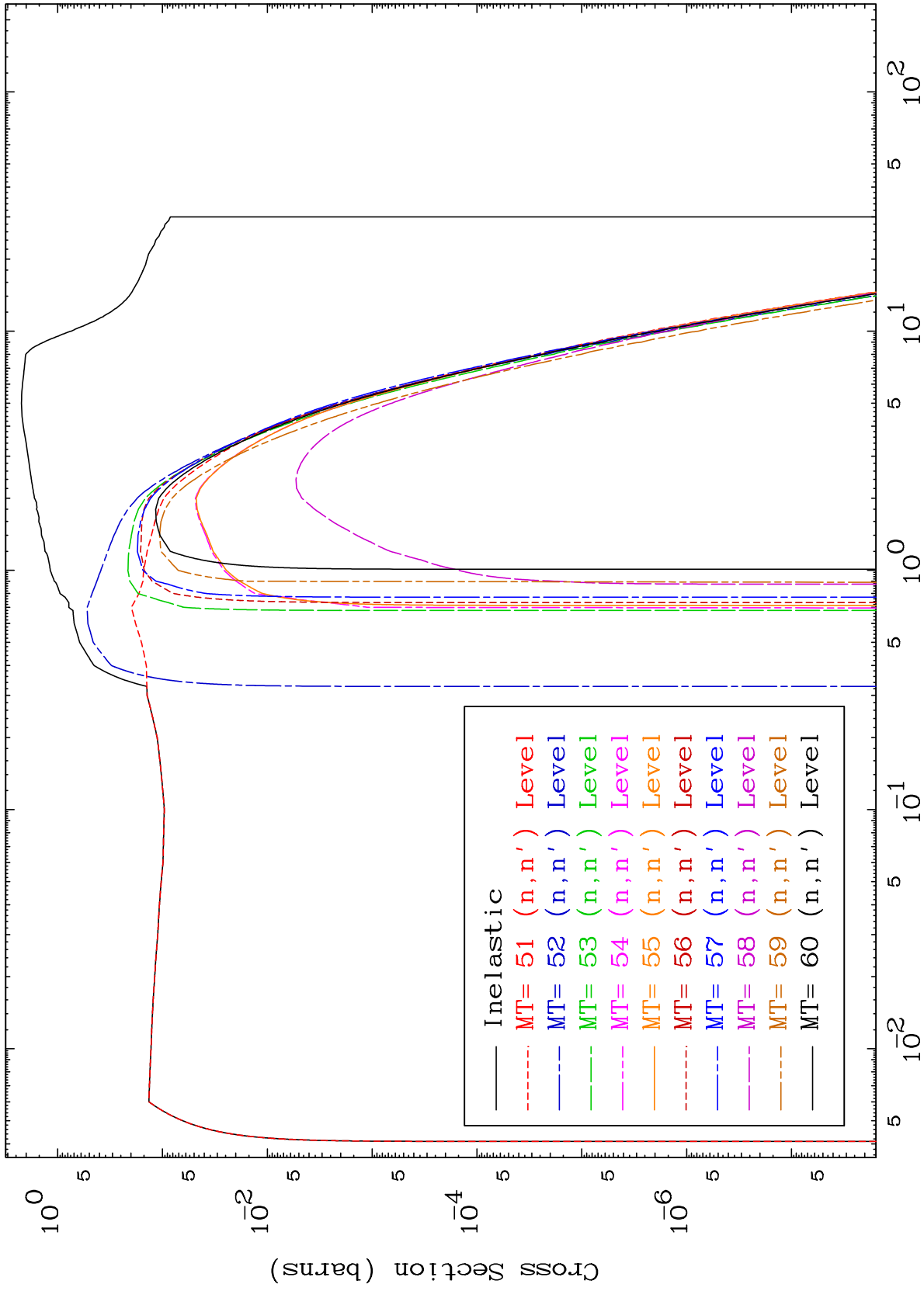
49-In-121

MAT 4950

293 Kelvin Cross Sections

(n,n') Level

49-In-121

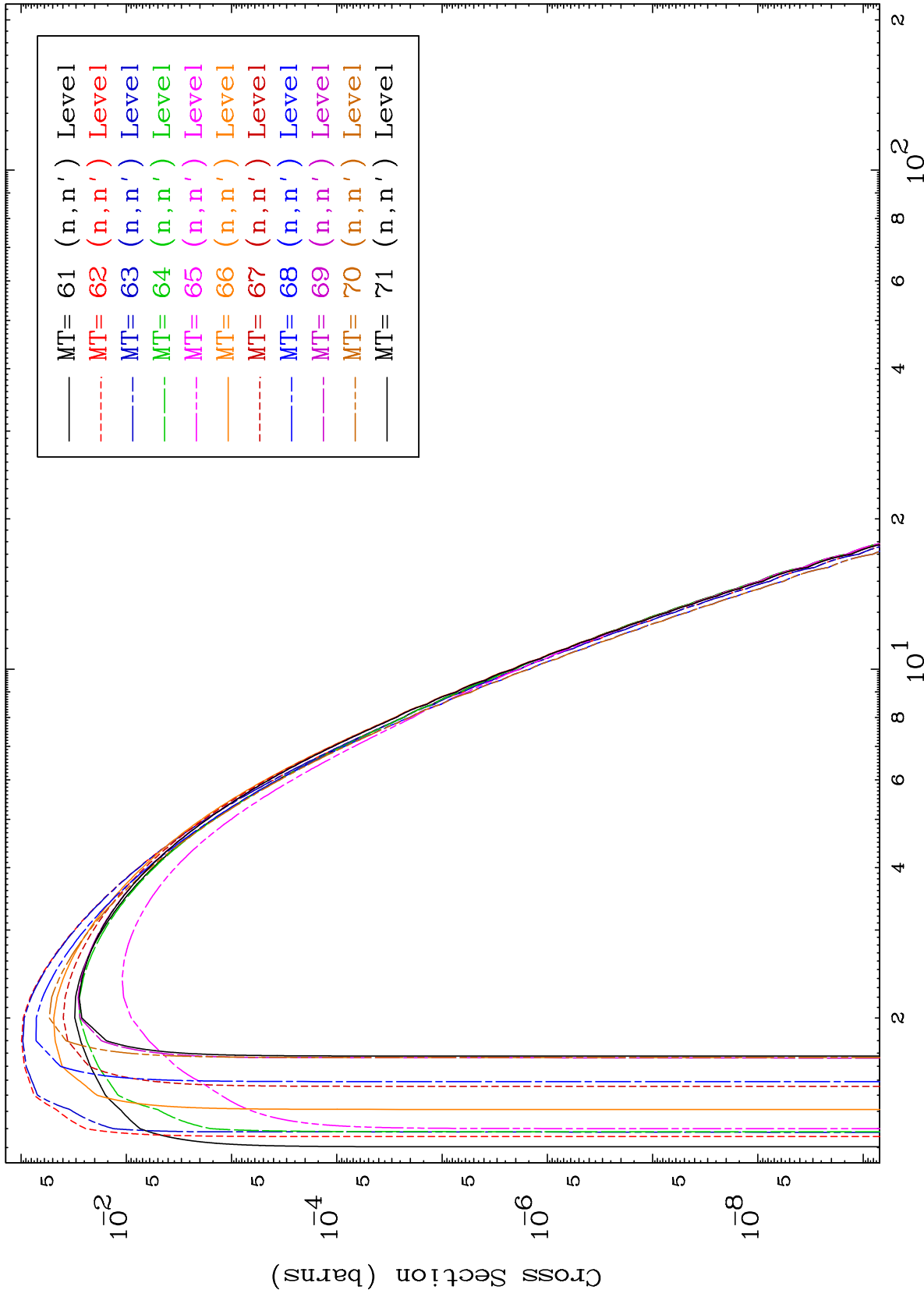


MAT 4950

(n,n') Level

49-In-121

293 Kelvin Cross Sections



8

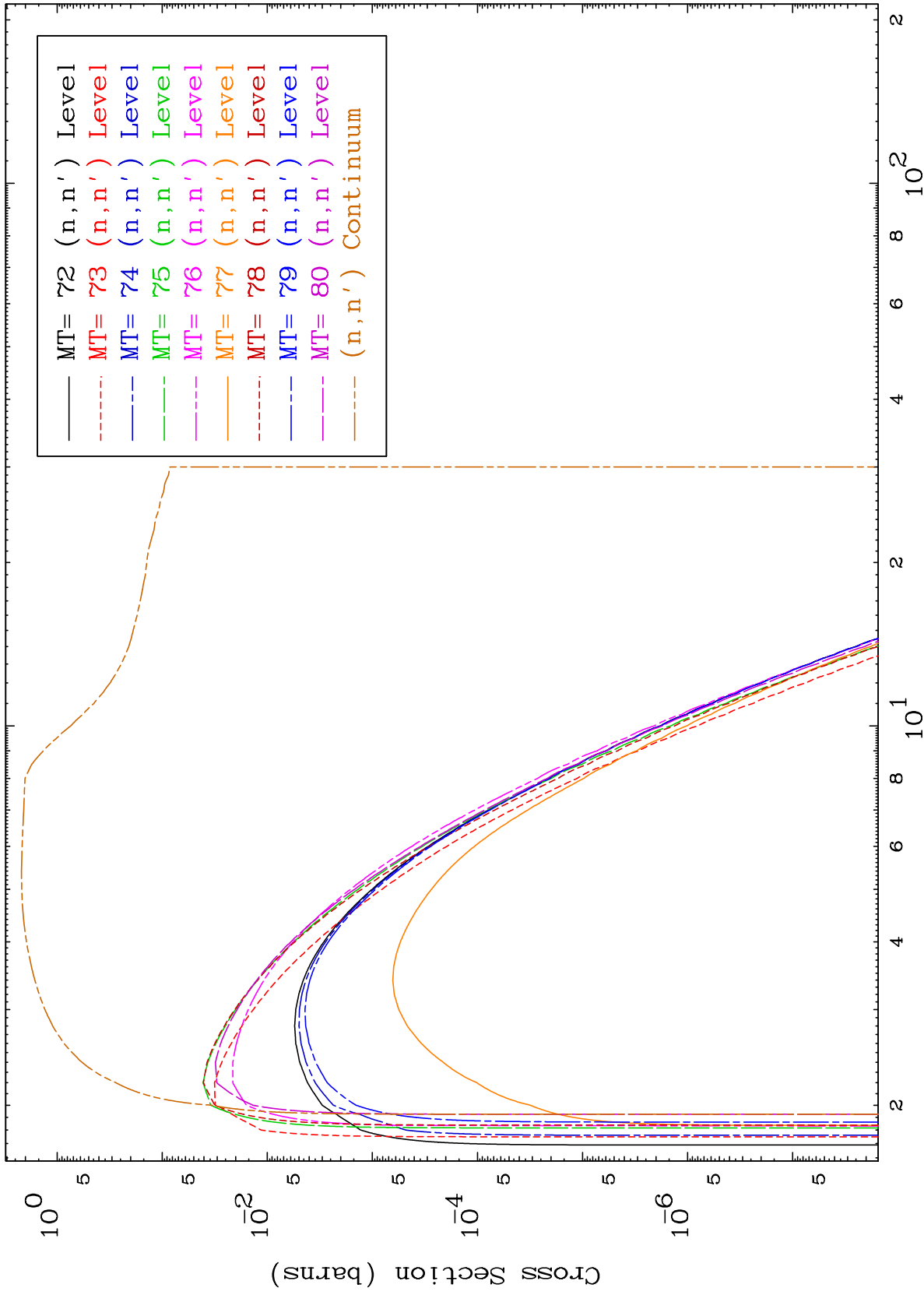
Incident Energy (MeV)

49-In-121

MAT 4950

(n,n') Level
293 Kelvin Cross Sections

49-In-121



9

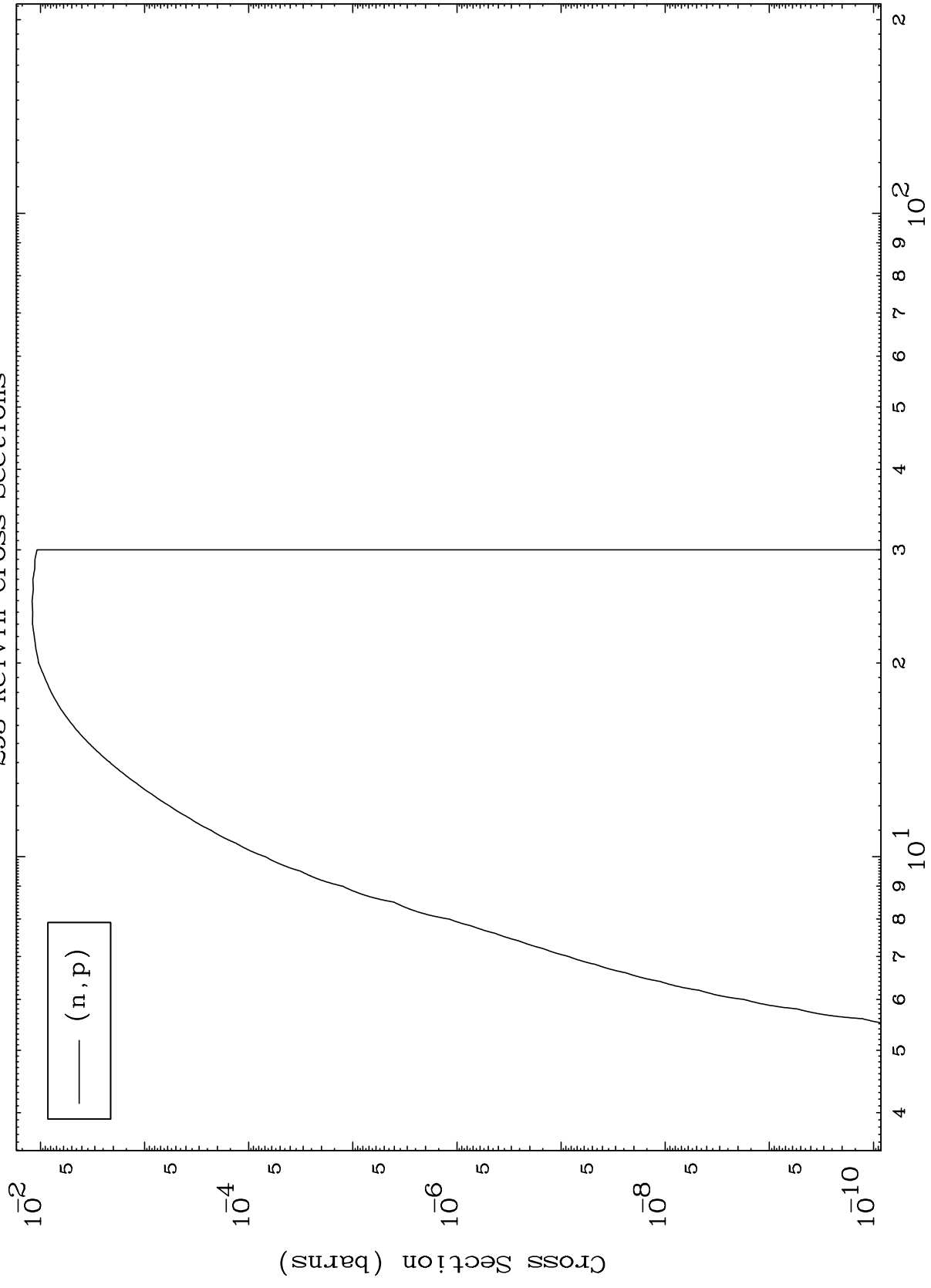
Incident Energy (MeV)

49-In-121

MAT 4950

(n,p) Levels
293 Kelvin Cross Sections

49-In-121



10

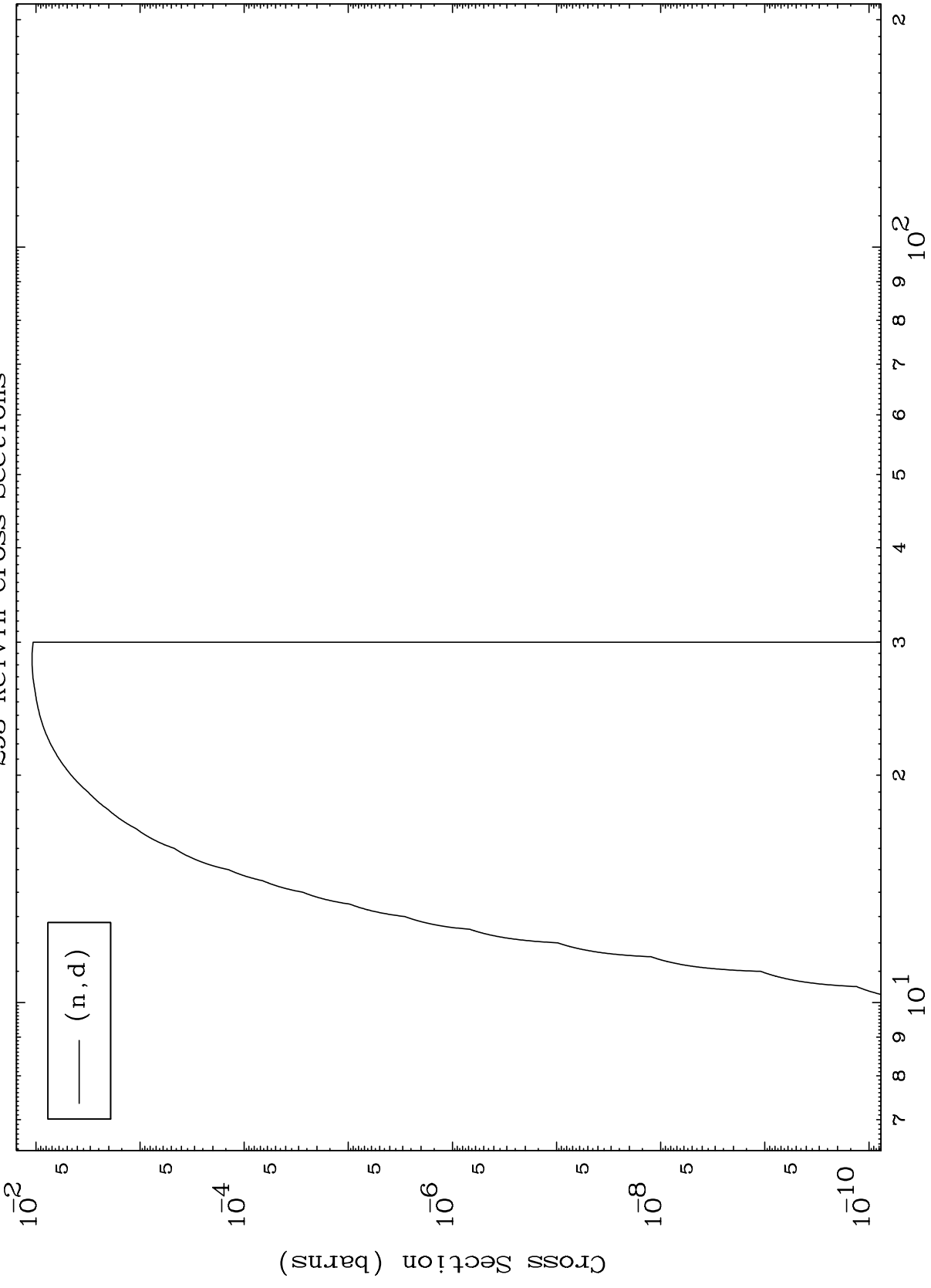
Incident Energy (MeV)

49-In-121

MAT 4950

(n,d) Levels
293 Kelvin Cross Sections

49-In-121



11

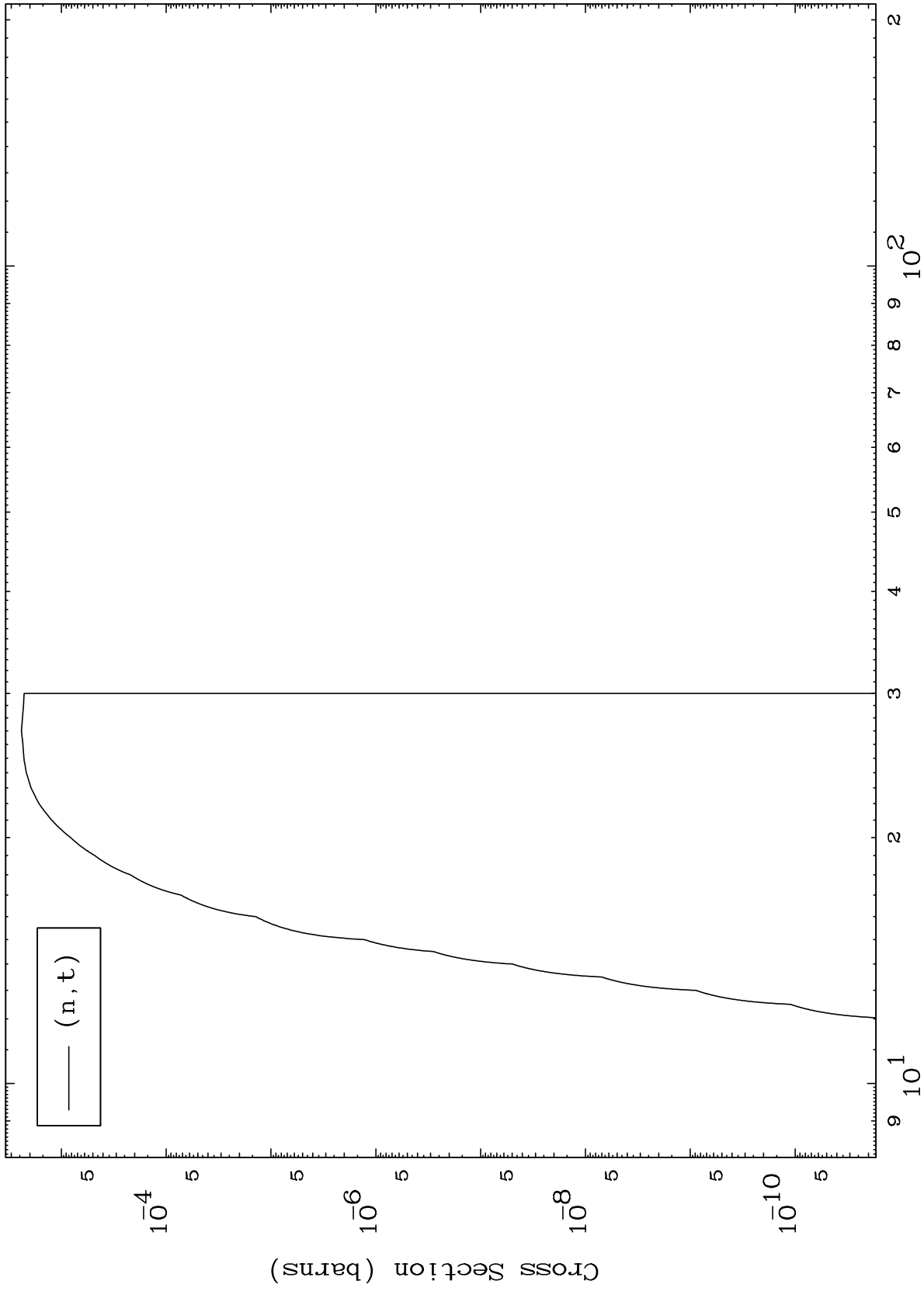
Incident Energy (MeV)

49-In-121

MAT 4950

(n,t) Levels
293 Kelvin Cross Sections

49-In-121



12

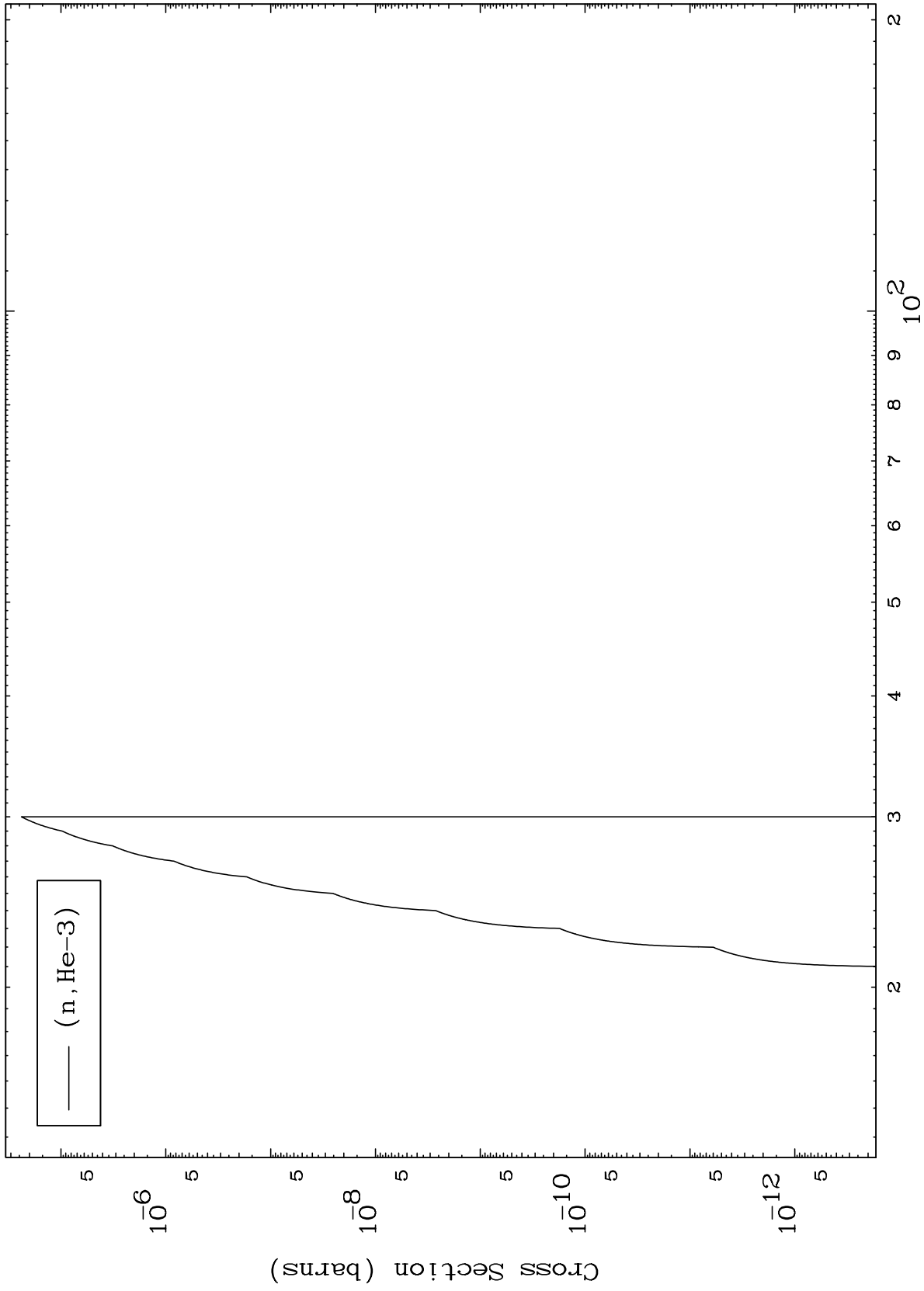
Incident Energy (MeV)

49-In-121

MAT 4950

(n,He3) Levels
293 Kelvin Cross Sections

49-In-121



13

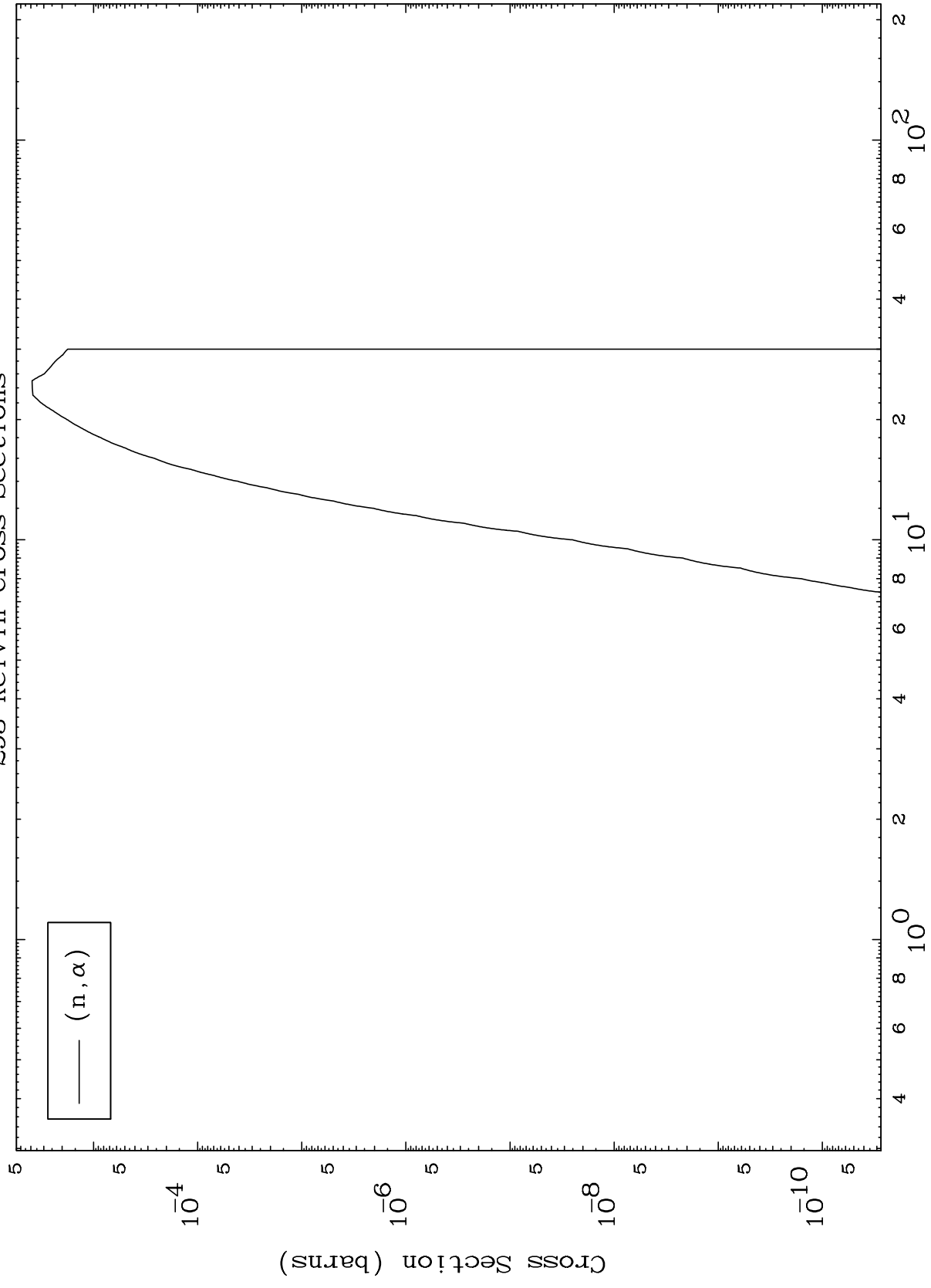
Incident Energy (MeV)

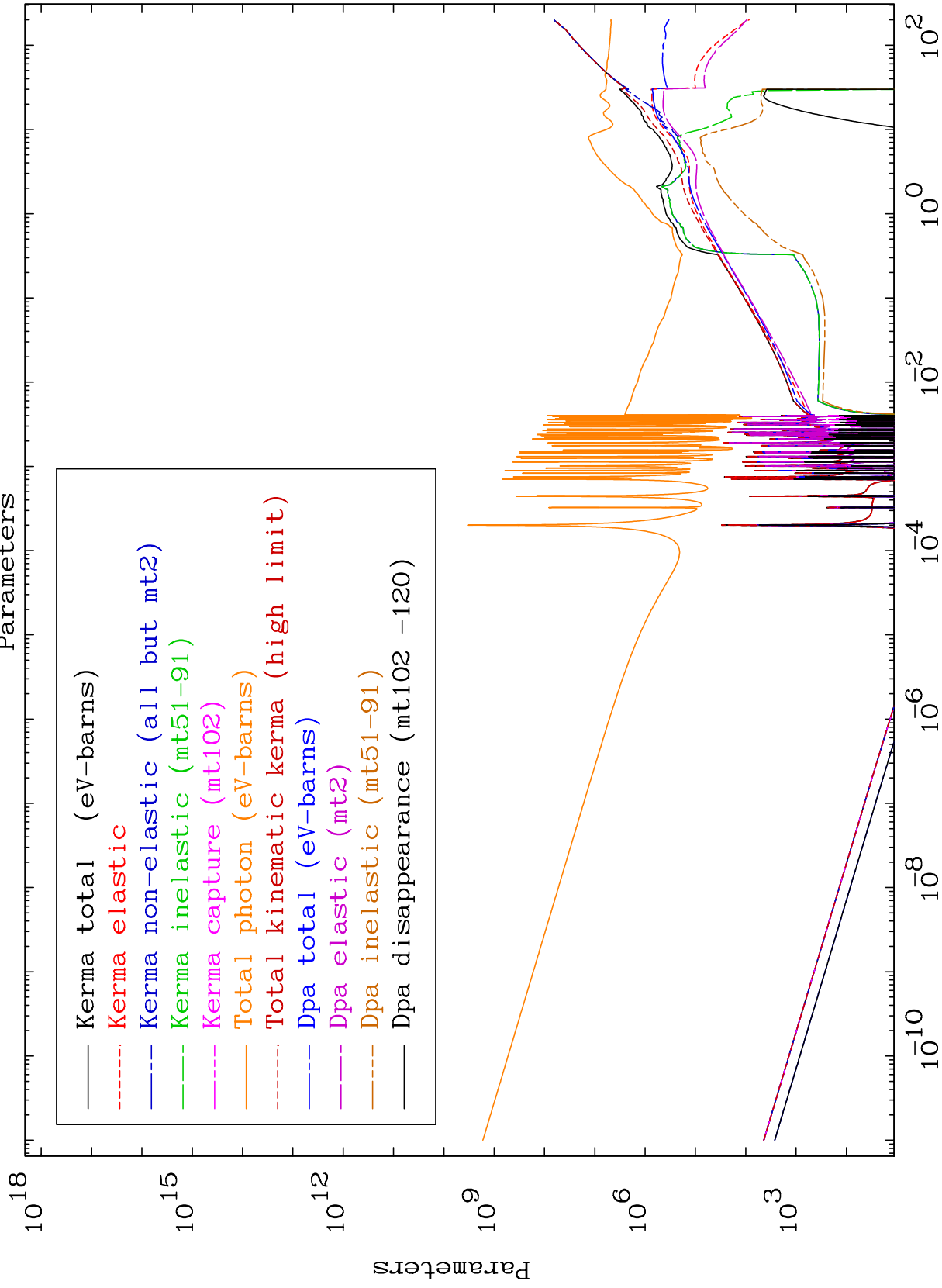
49-In-121

MAT 4950

(n,α) Levels
293 Kelvin Cross Sections

49-In-121

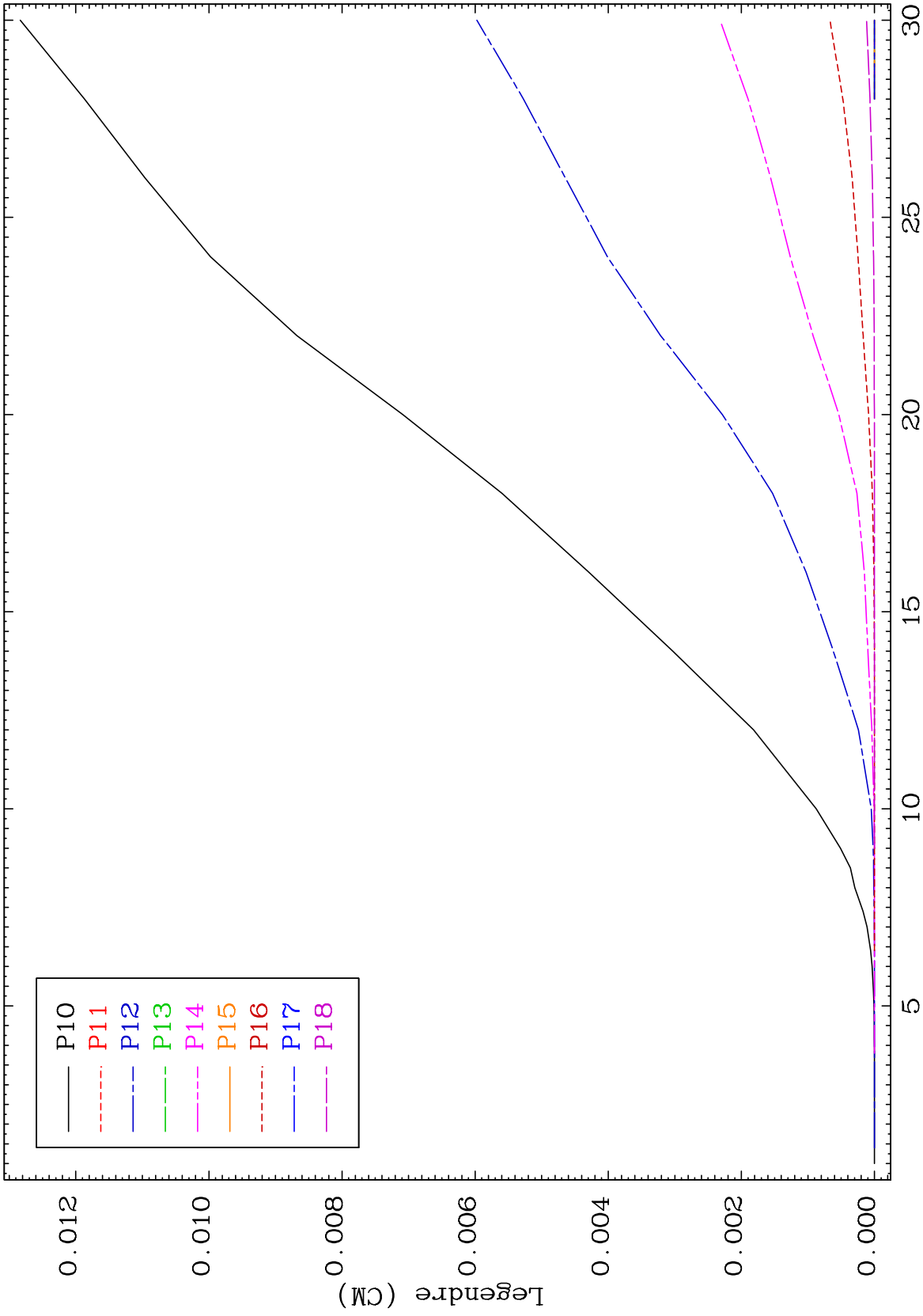




MAT 4950

Elastic Legendre Coefficients

49-In-121



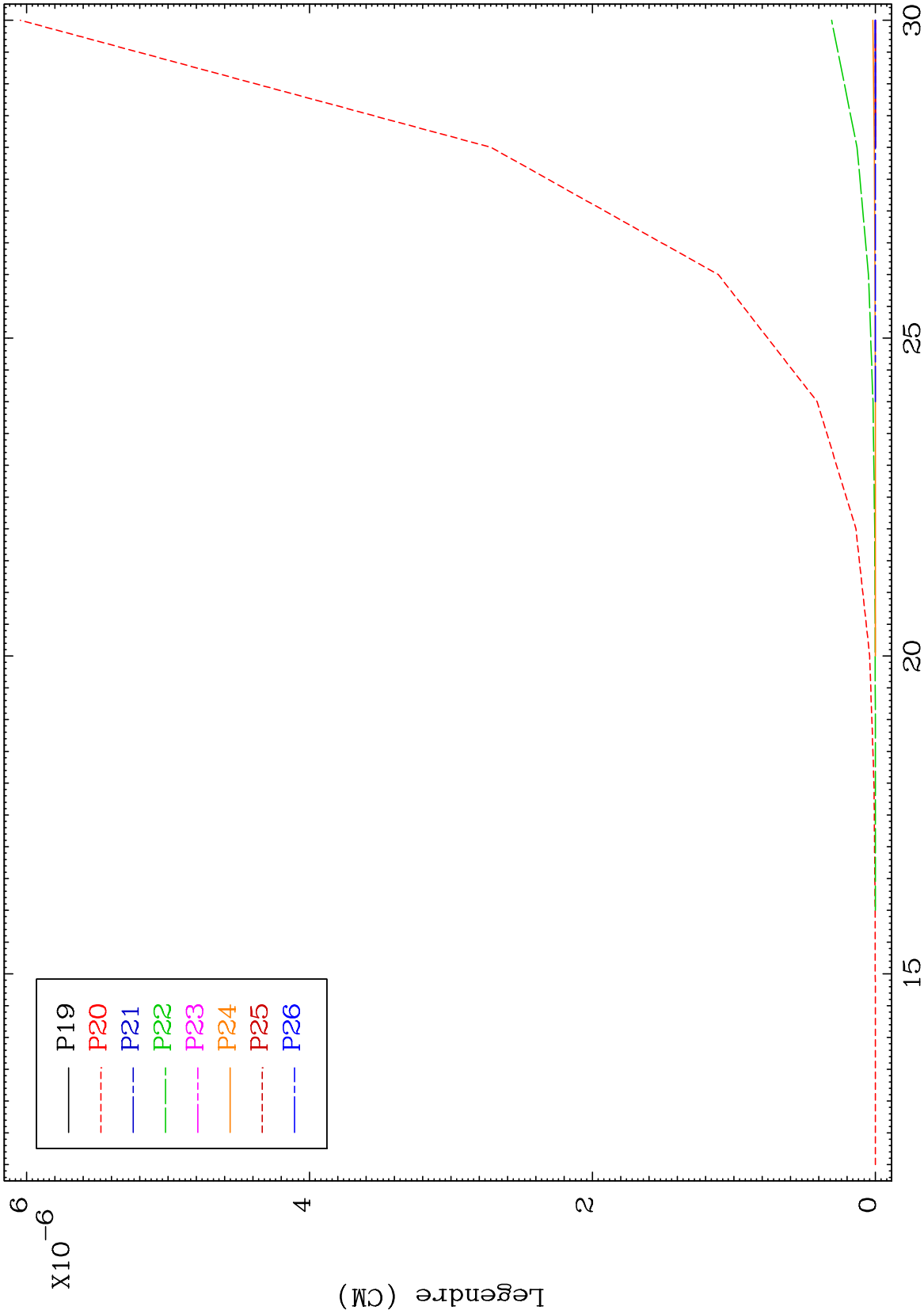
17

49-In-121

MAT 4950

Elastic Legendre Coefficients

49-In-121



18

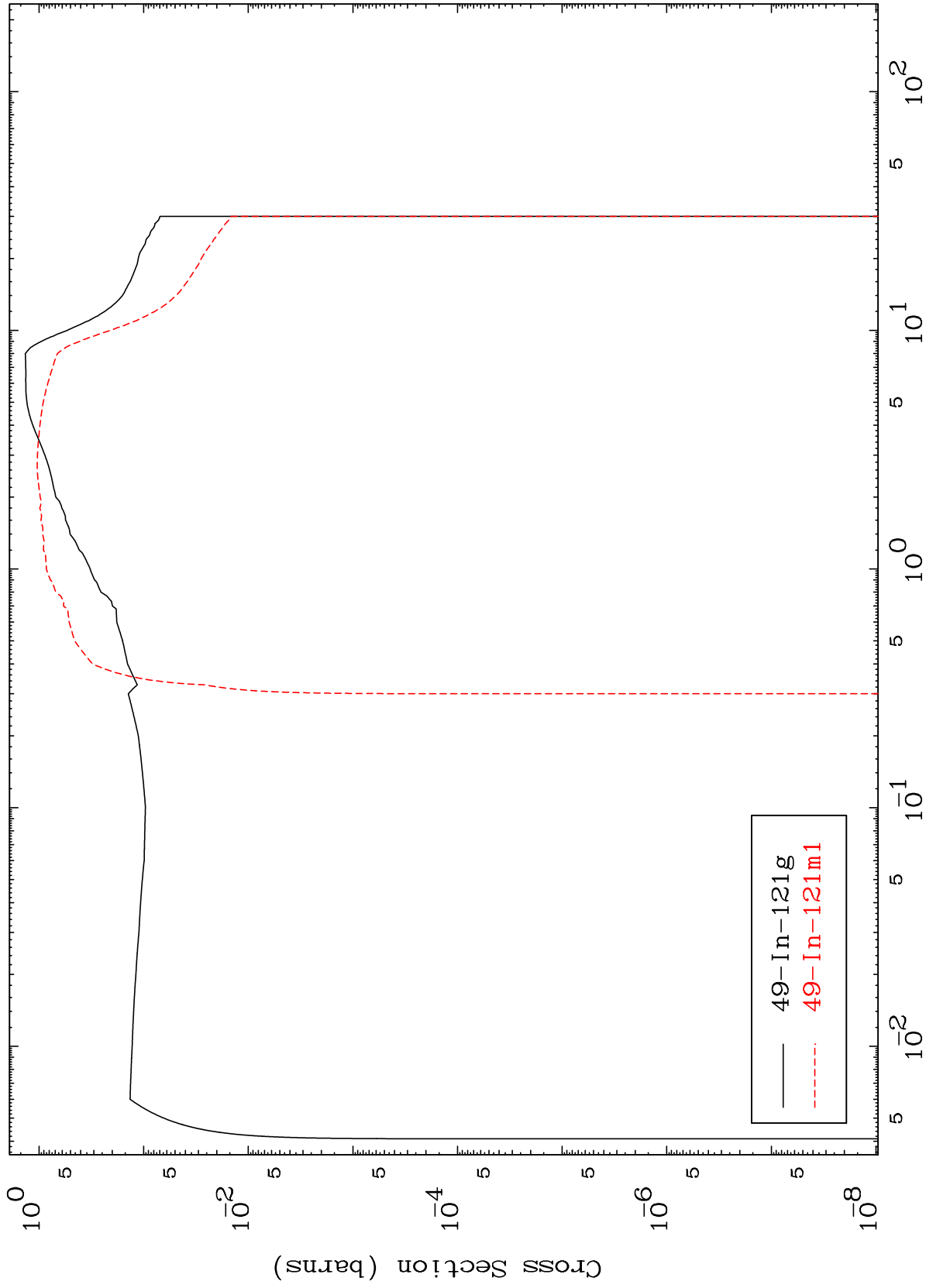
Incident Energy (MeV)

49-In-121

MAT 4950

49-In-121

Inelastic Radionuclide Production Cross Section



19

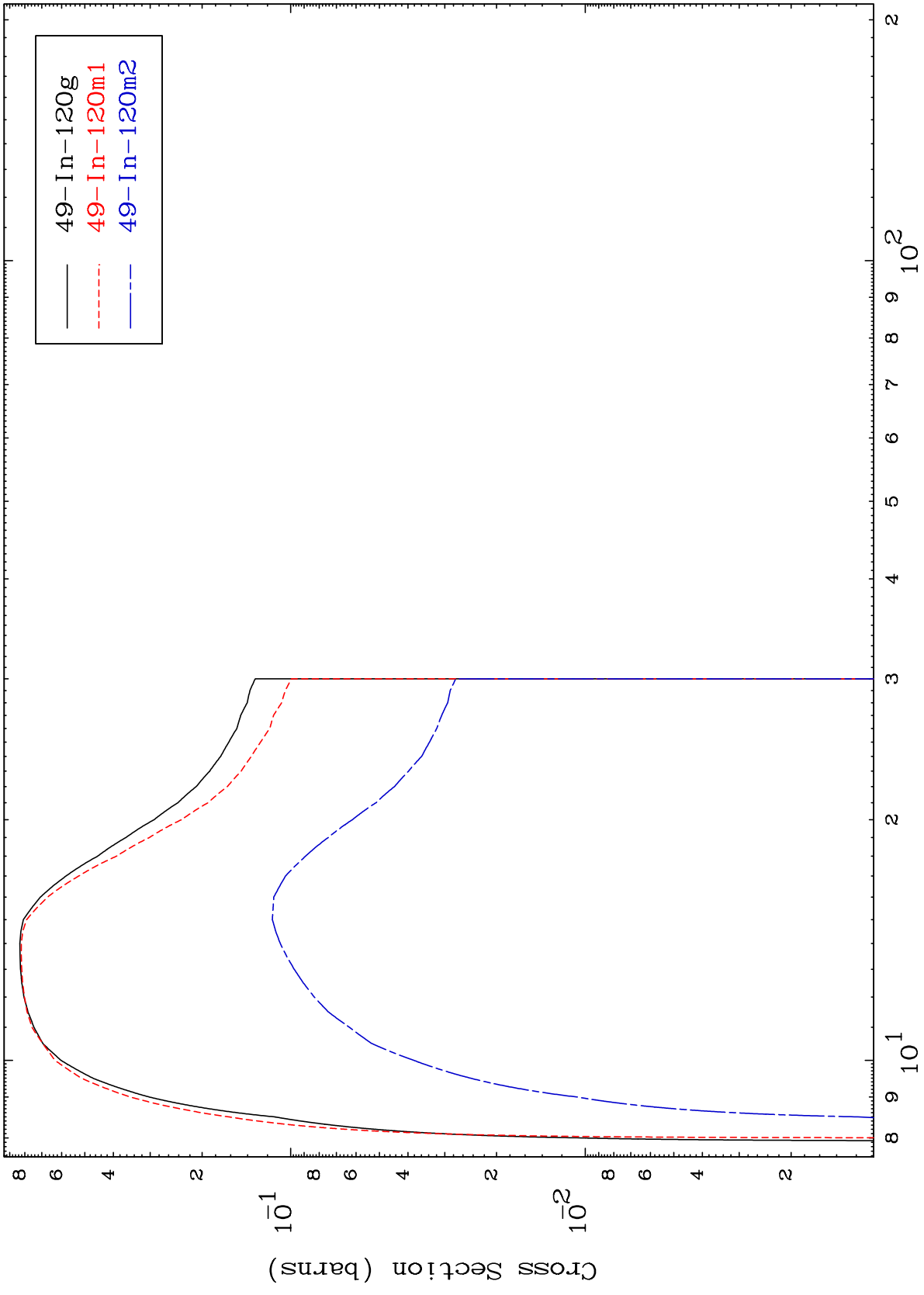
49-In-121

MAT 4950

(n,2n)

49-In-121

Radionuclide Production Cross Section



49-In-120g
49-In-120m1
49-In-120m2

20

Incident Energy (MeV)

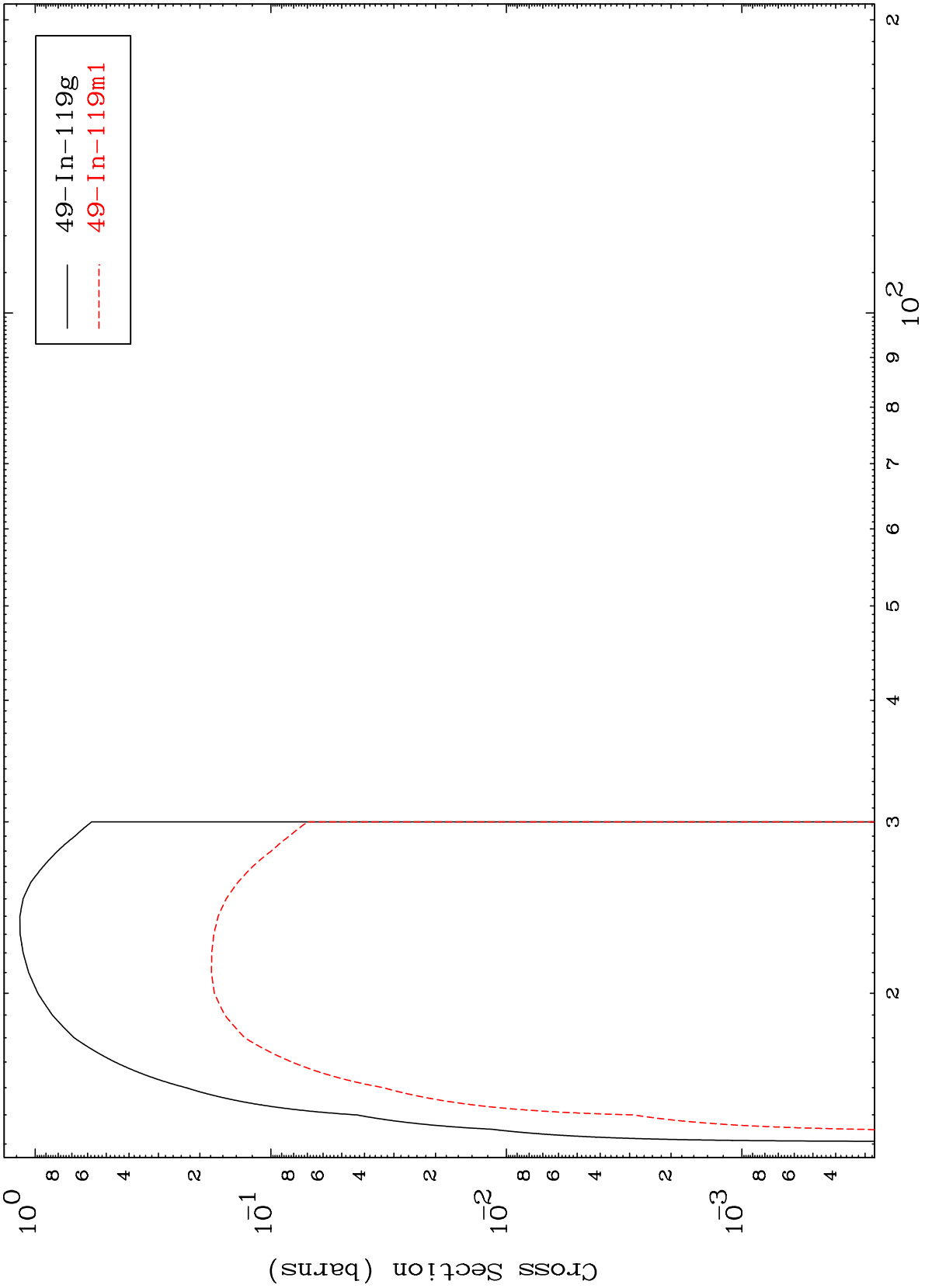
49-In-121

MAT 4950

(n,3n)

49-In-121

Radionuclide Production Cross Section



49-In-119g
49-In-119m1

21

Incident Energy (MeV)

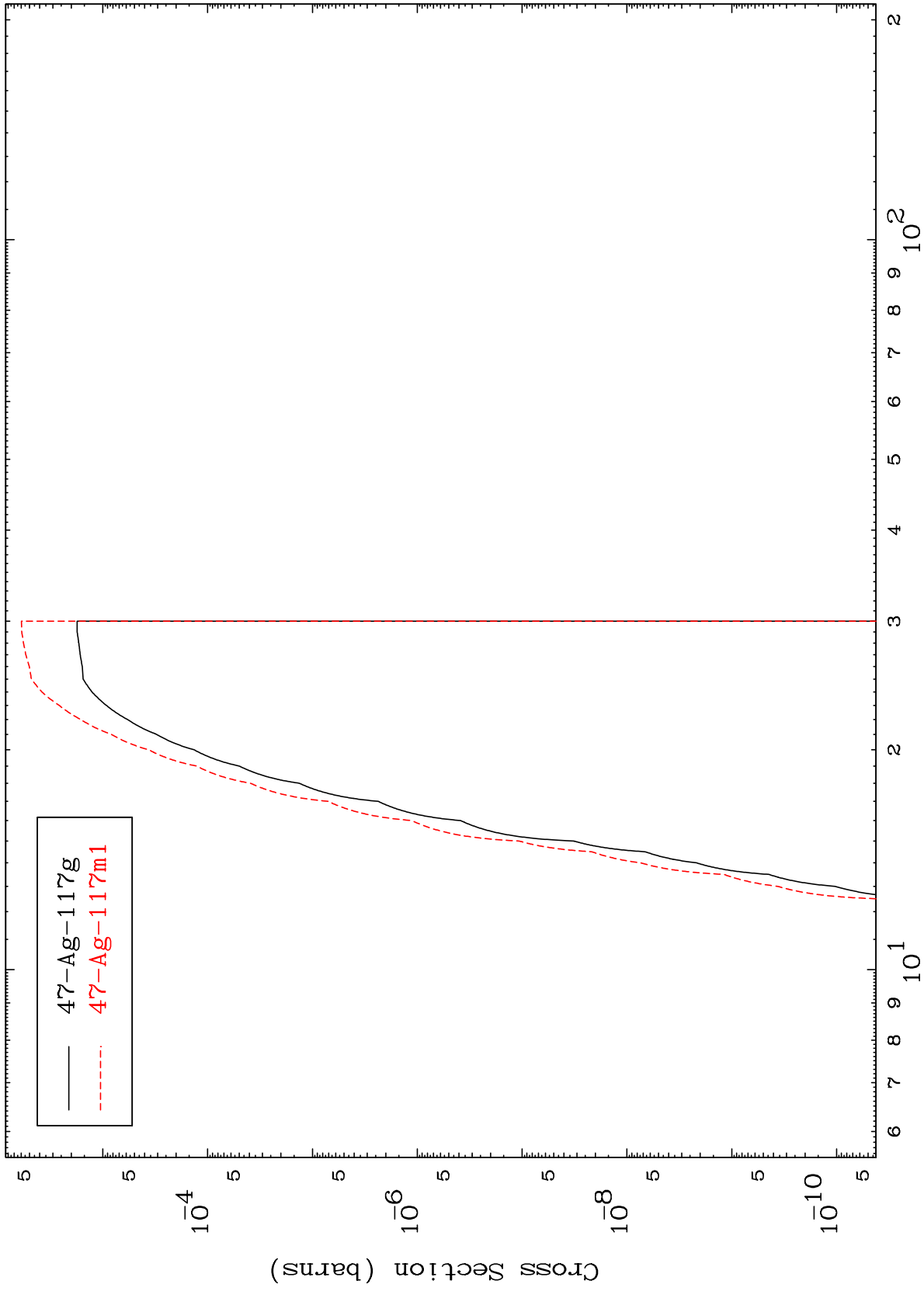
49-In-121

MAT 4950

(n,n') α

49-In-121

Radionuclide Production Cross Section



22

Incident Energy (MeV)

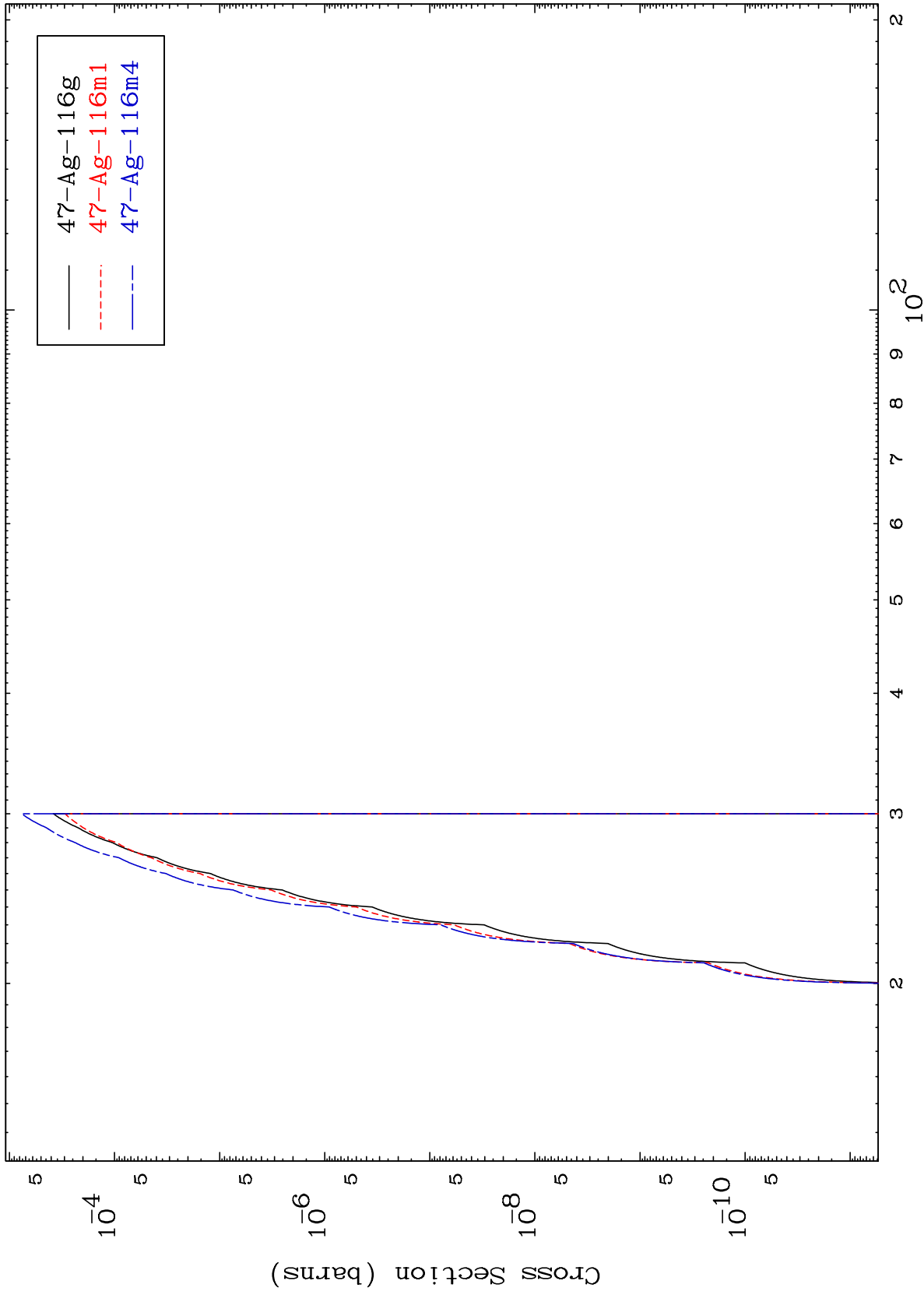
49-In-121

MAT 4950

(n,2n) α

49-In-121

Radionuclide Production Cross Section



23

Incident Energy (MeV)

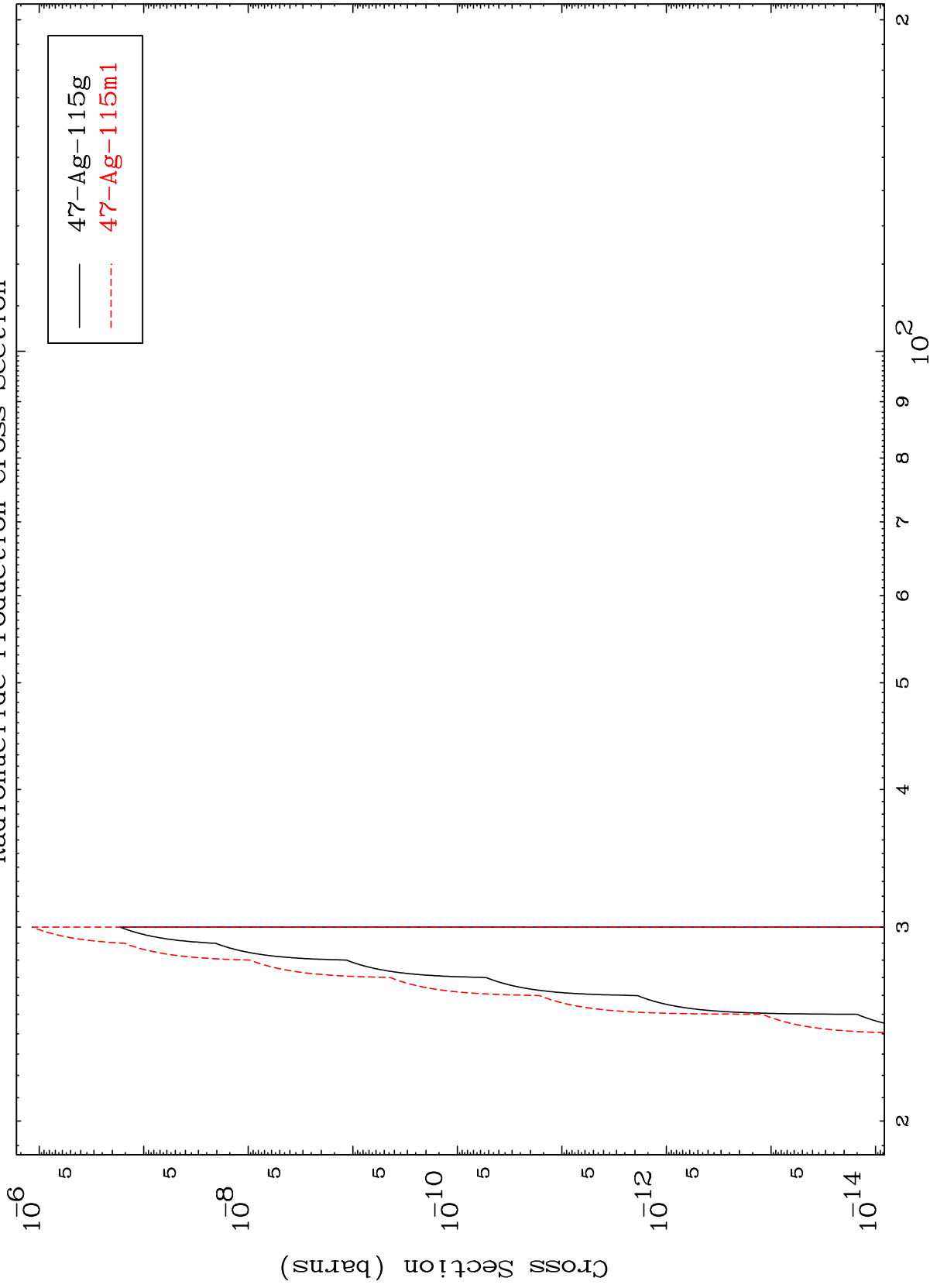
49-In-121

MAT 4950

(n,3n) α

49-In-121

Radionuclide Production Cross Section



24

Incident Energy (MeV)

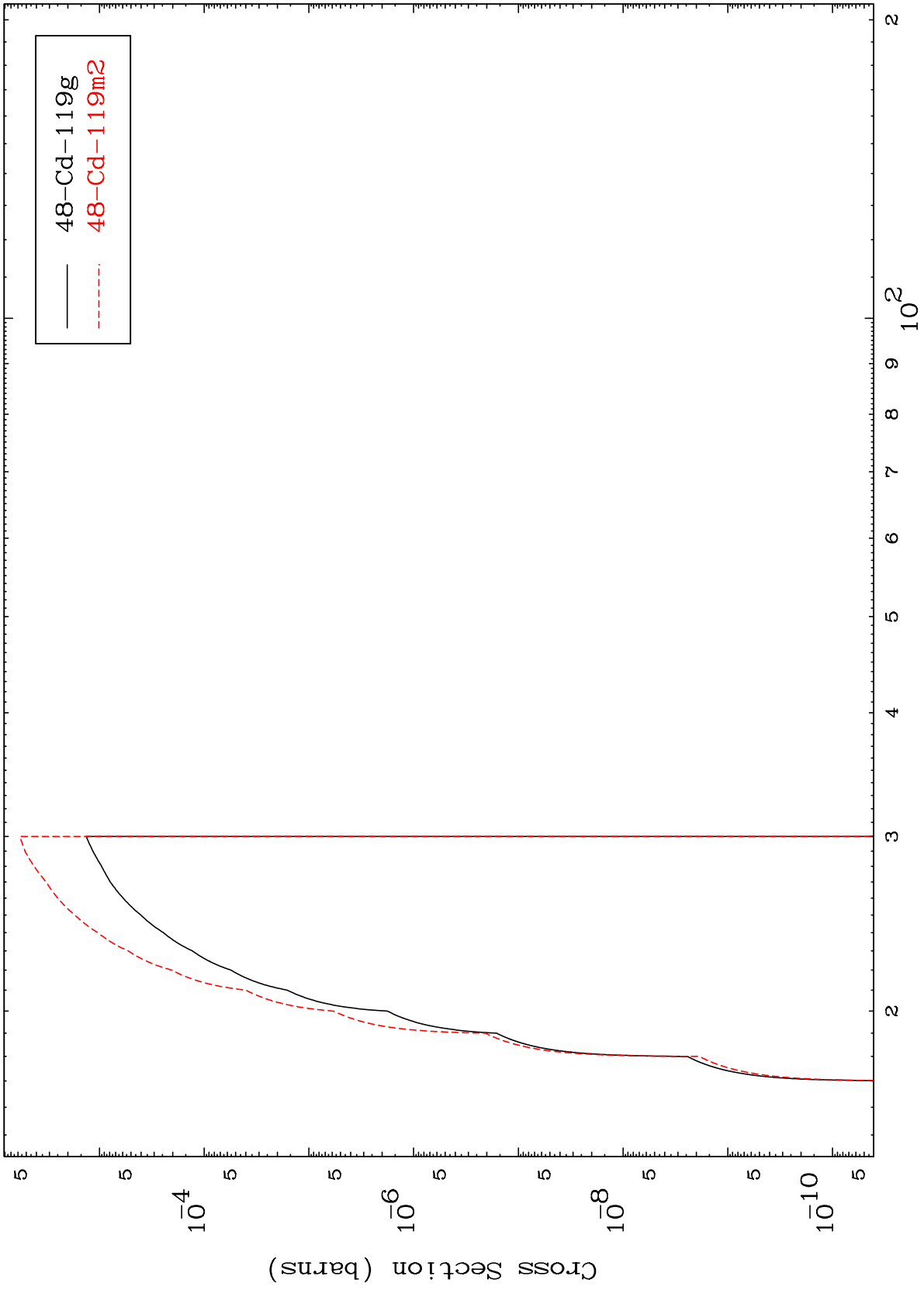
49-In-121

MAT 4950

(n,n') d

49-In-121

Radionuclide Production Cross Section



25

Incident Energy (MeV)

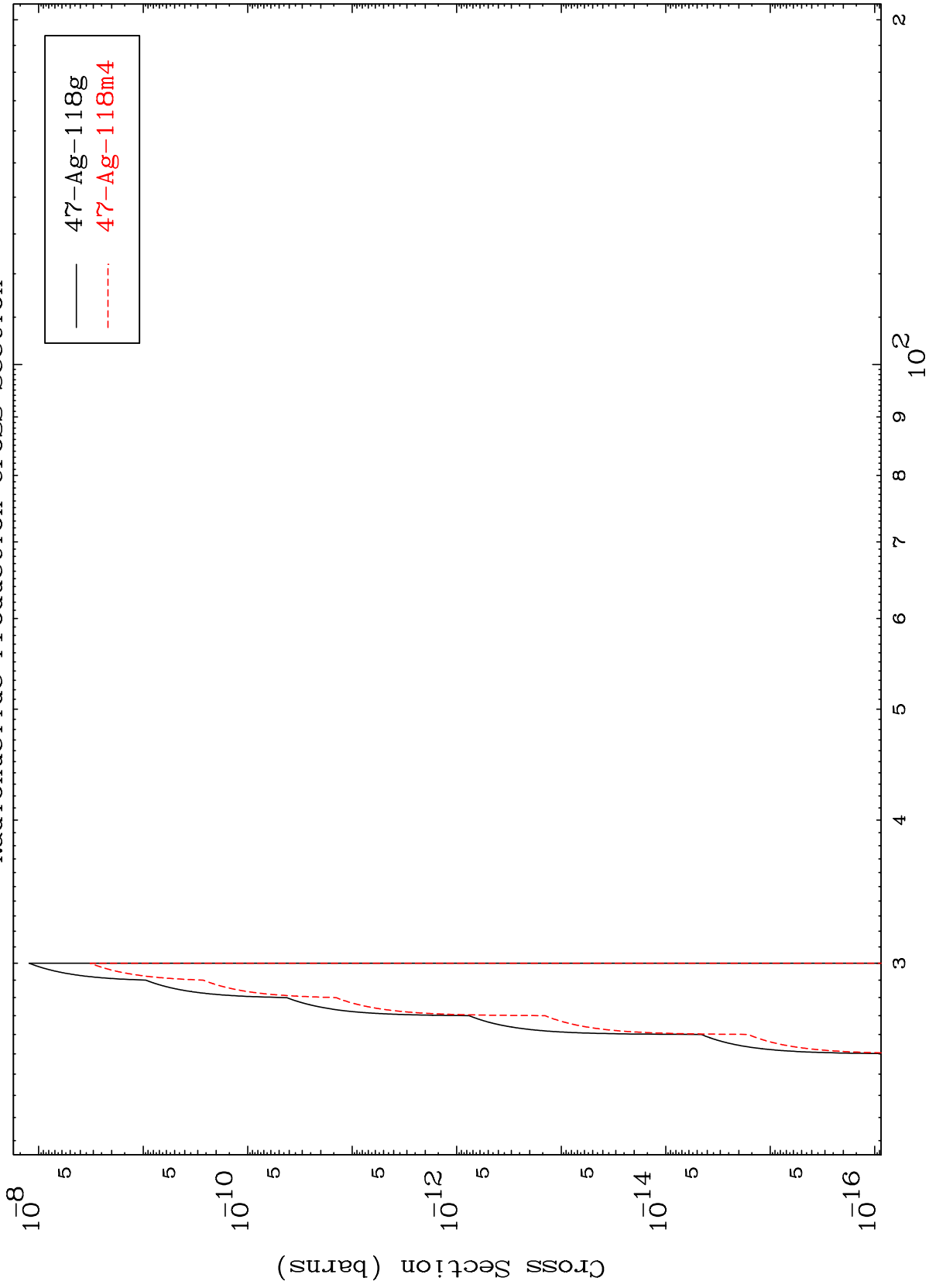
49-In-121

MAT 4950

(n, n') He-3

49-In-121

Radionuclide Production Cross Section



26

Incident Energy (MeV)

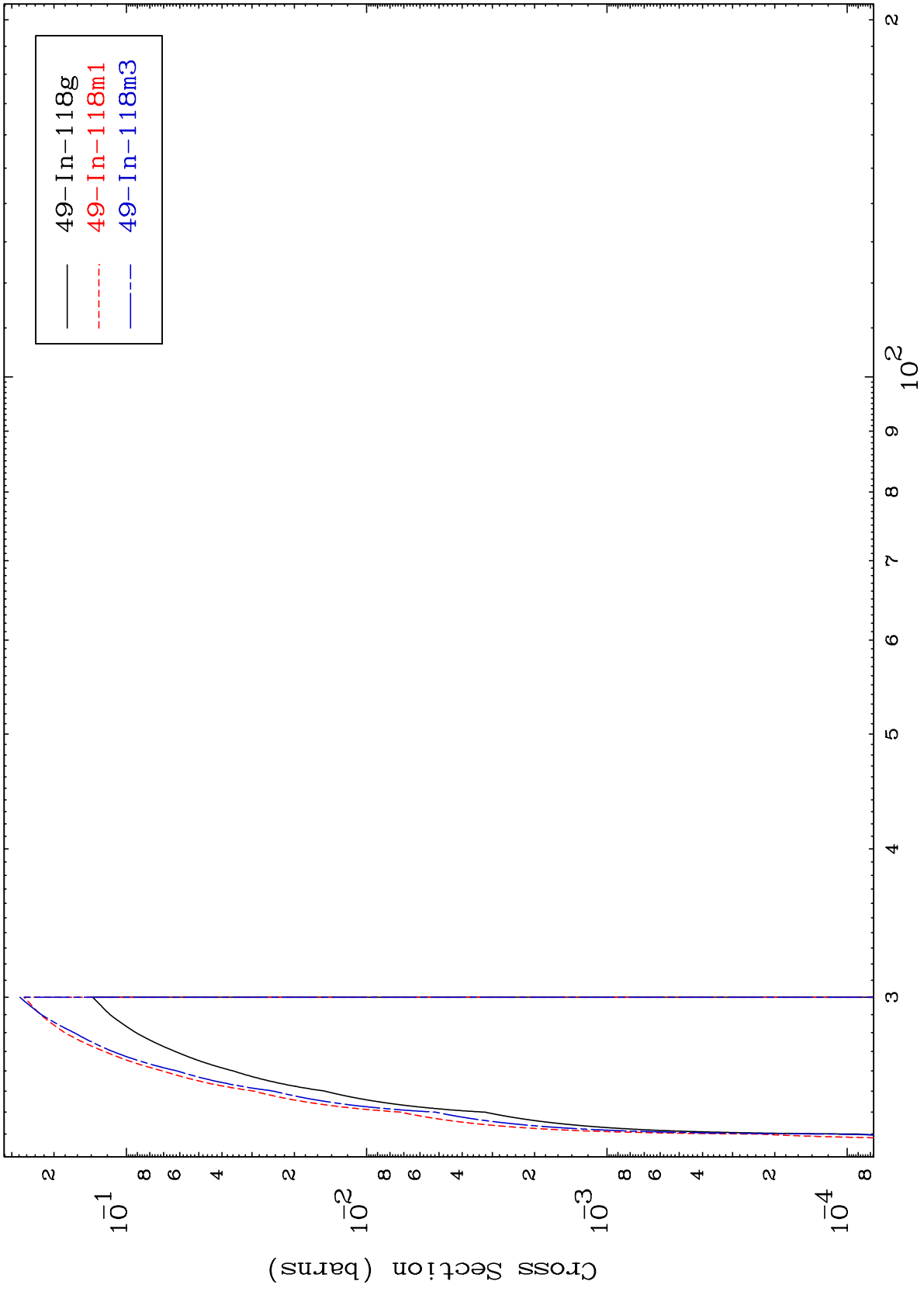
49-In-121

MAT 4950

(n,4n)

49-In-121

Radionuclide Production Cross Section



27

Incident Energy (MeV)

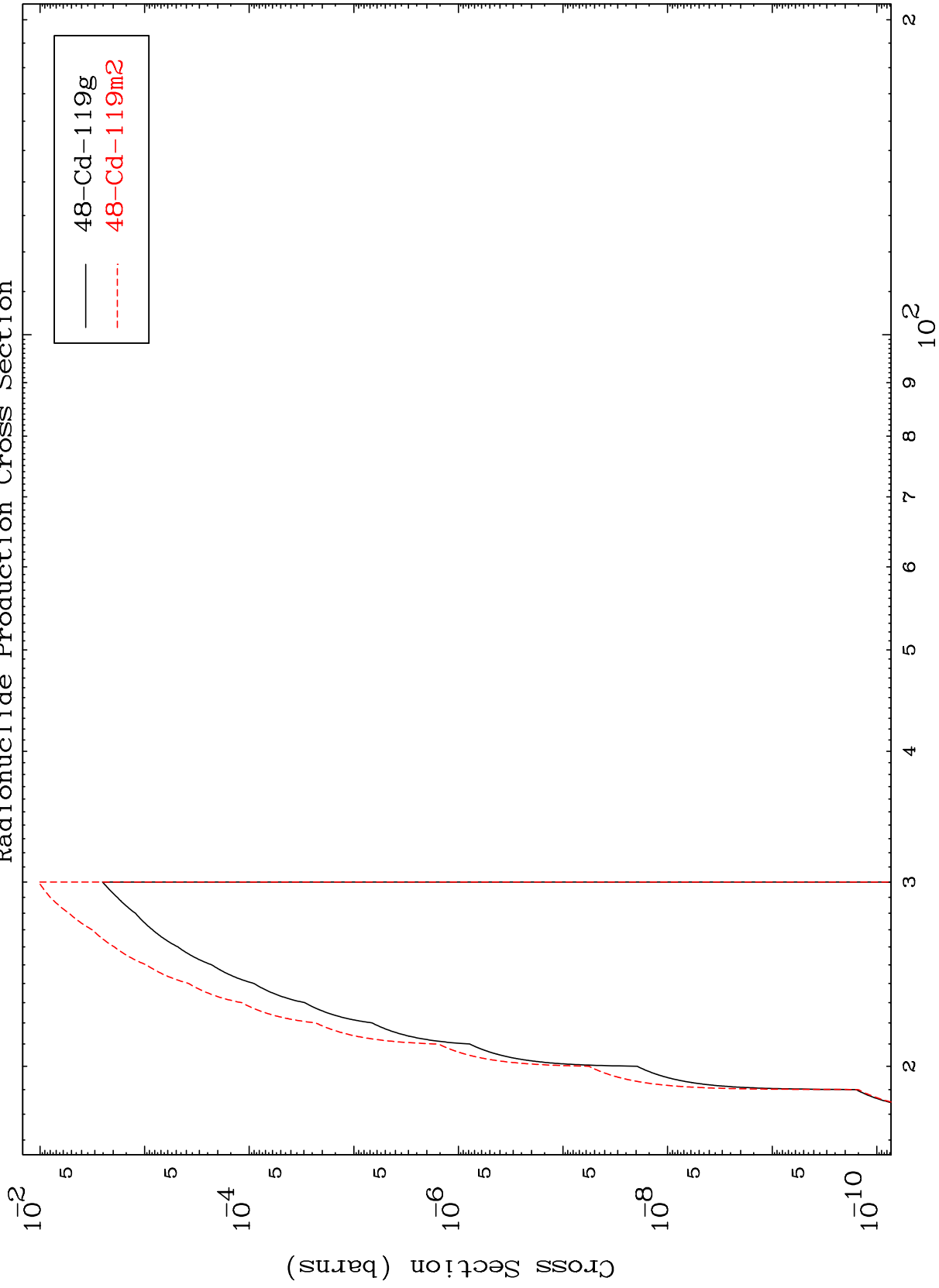
49-In-121

MAT 4950

(n,2n) p

49-In-121

Radionuclide Production Cross Section



28

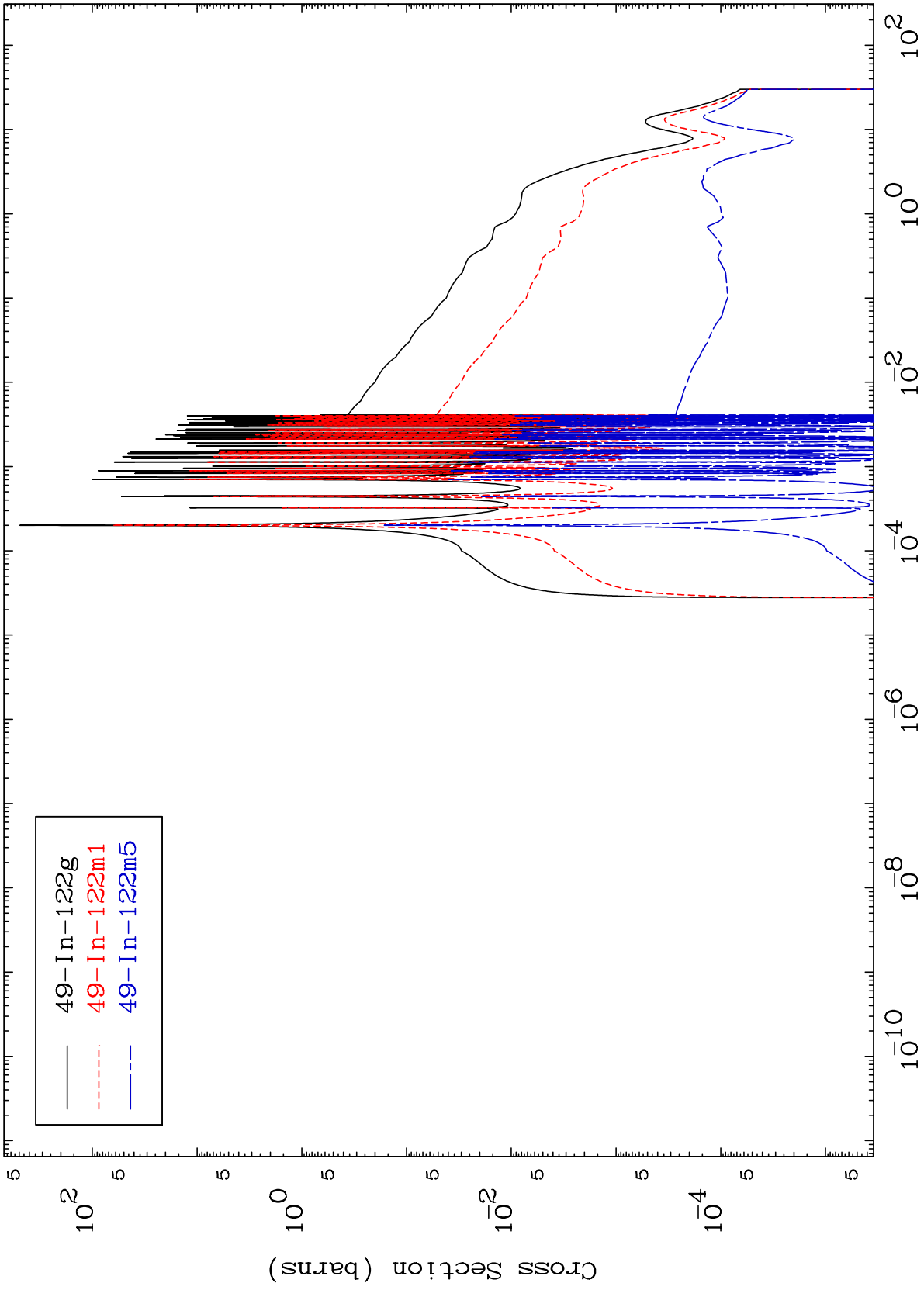
Incident Energy (MeV)

49-In-121

MAT 4950

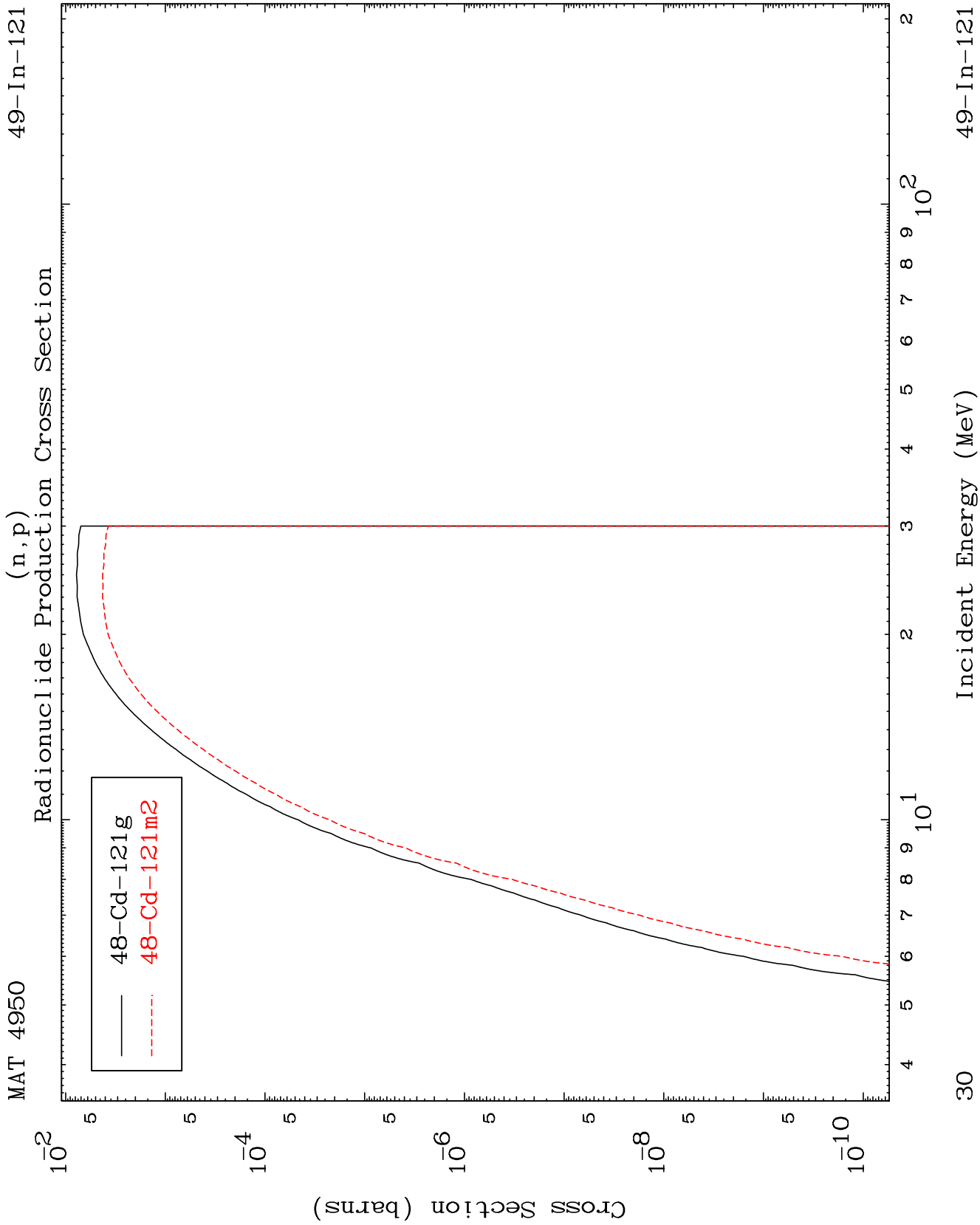
49-In-121

Radionuclide Production Cross Section



29

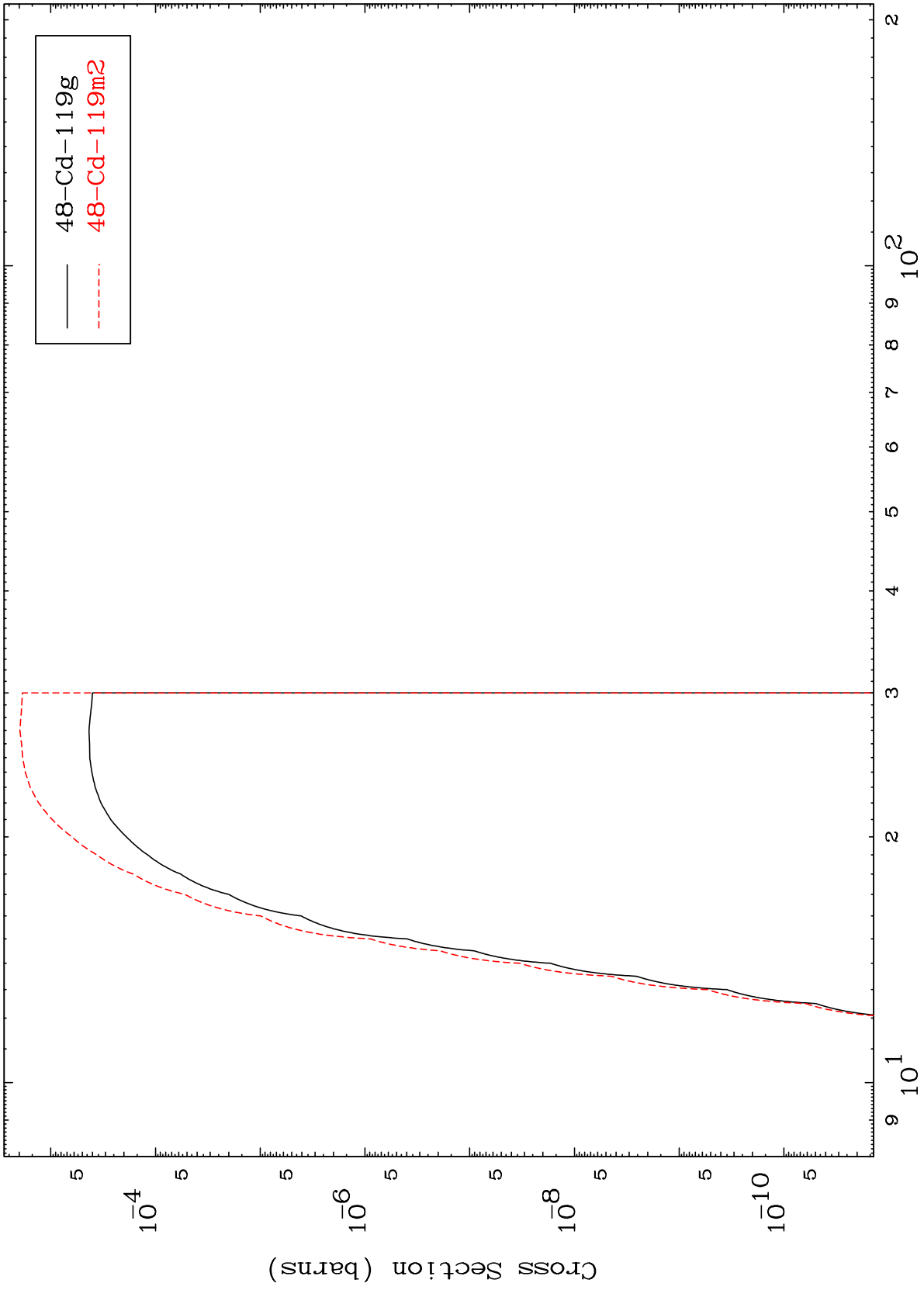
49-In-121



MAT 4950

49-In-121

(n, t)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

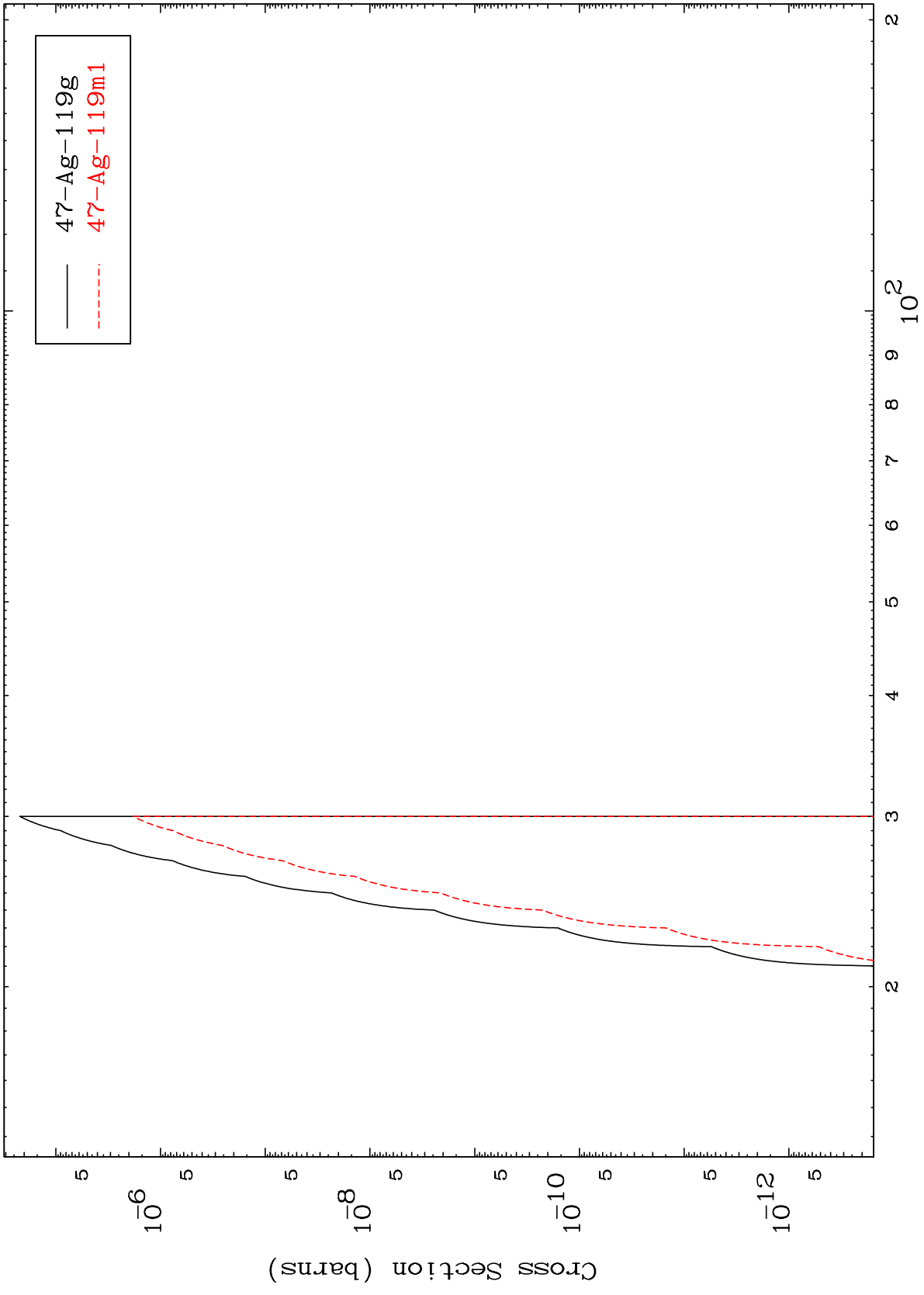
49-In-121

MAT 4950

(n,He-3)

49-In-121

Radionuclide Production Cross Section



47-Ag-119g
47-Ag-119m1

32

Incident Energy (MeV)

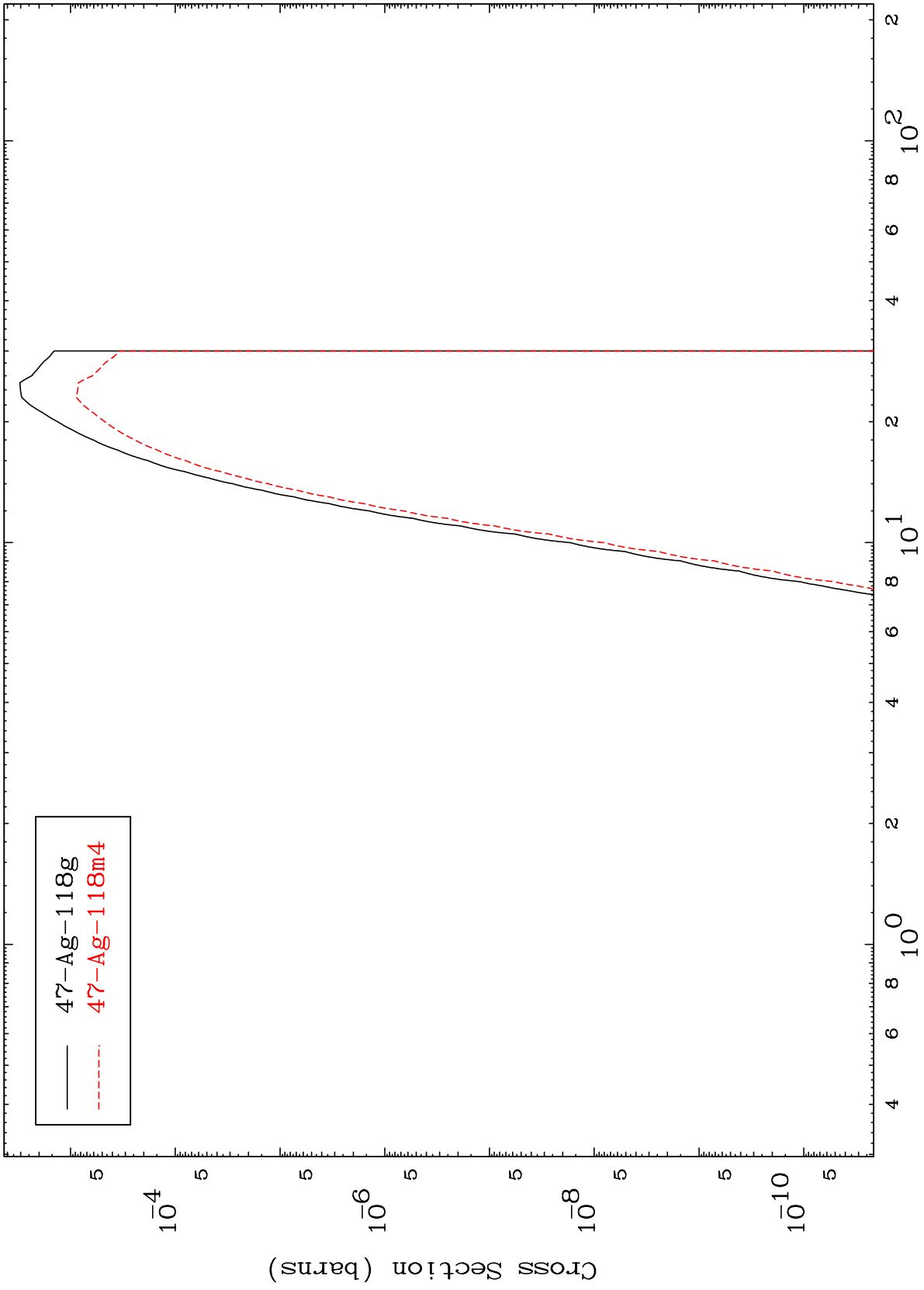
49-In-121

MAT 4950

(n, α)

49-In-121

Radionuclide Production Cross Section



33

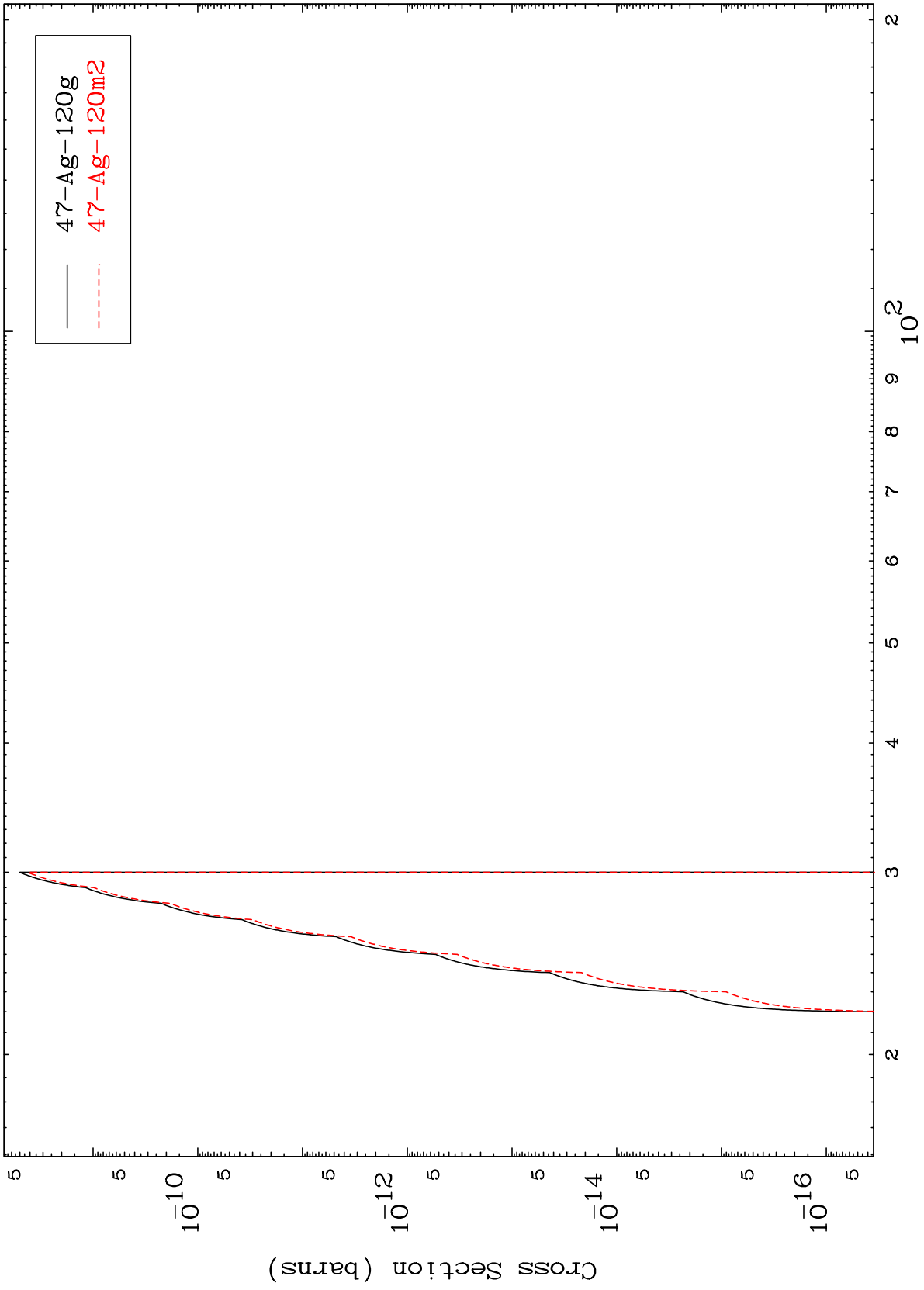
Incident Energy (MeV)

49-In-121

MAT 4950

49-In-121

(n,2p)
Radionuclide Production Cross Section



34

49-In-121