

Program EVALPLOT
(Version 2021-1)

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

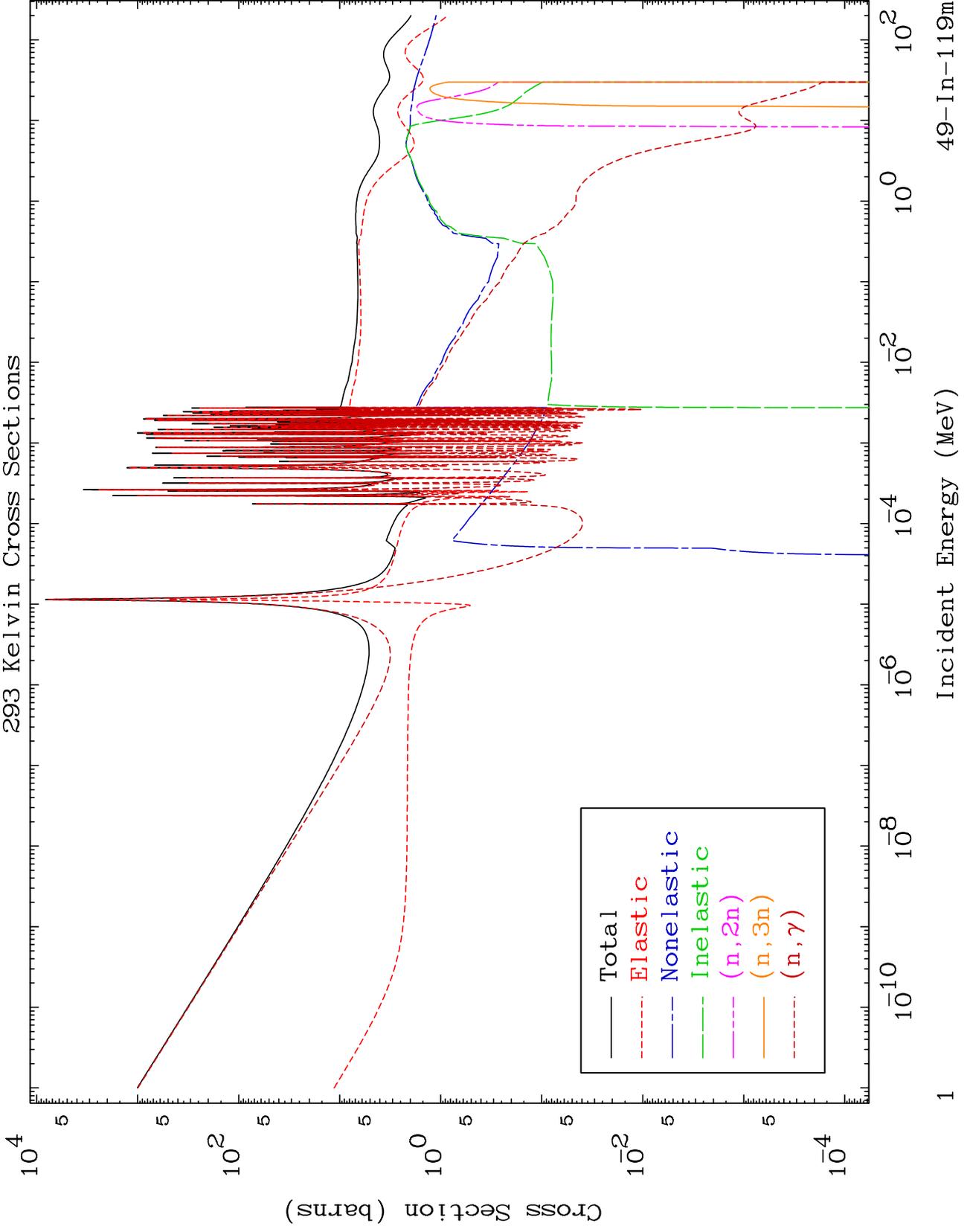
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4944

Neutron Major
293 Kelvin Cross Sections

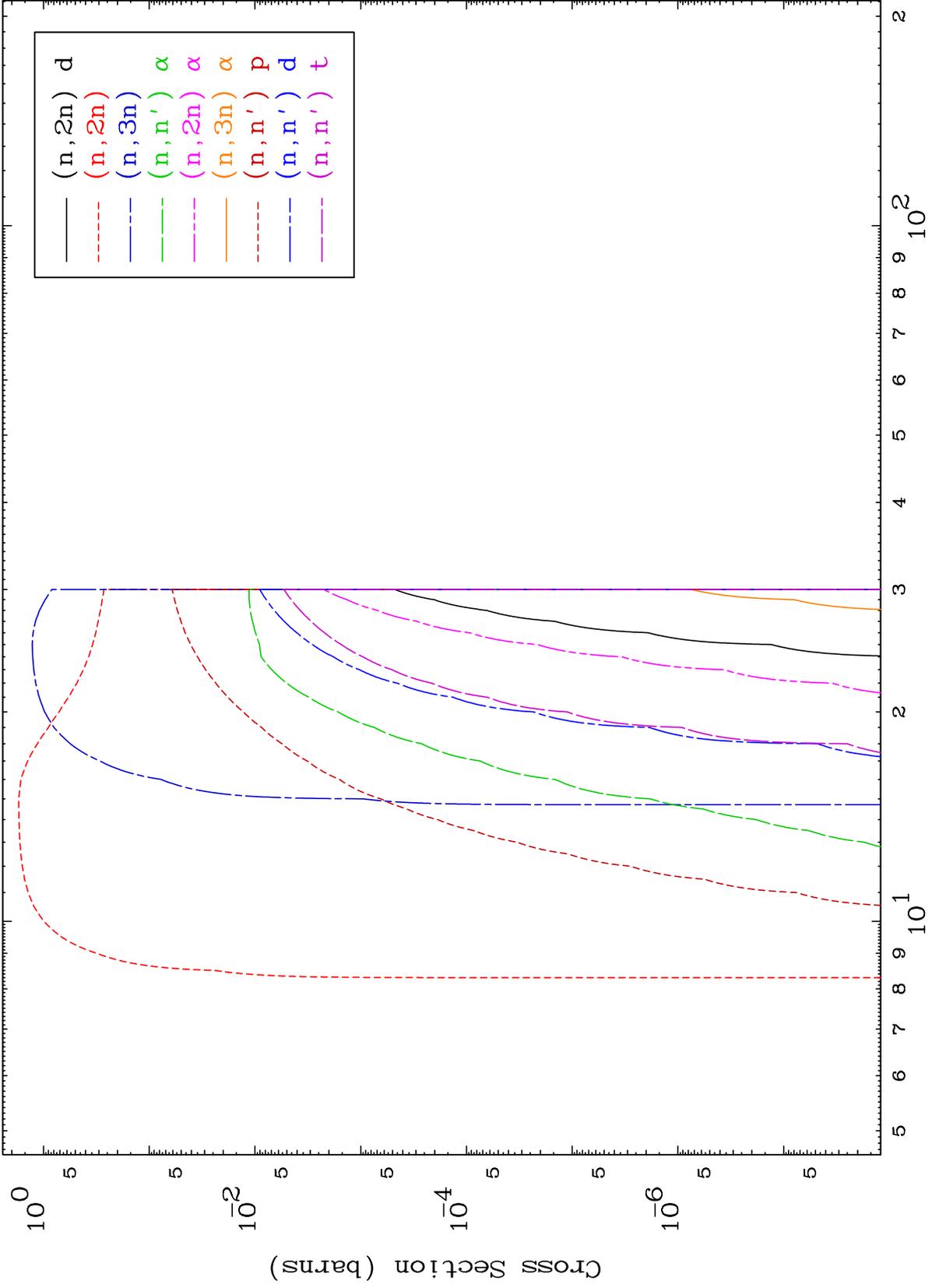
49-In-119m

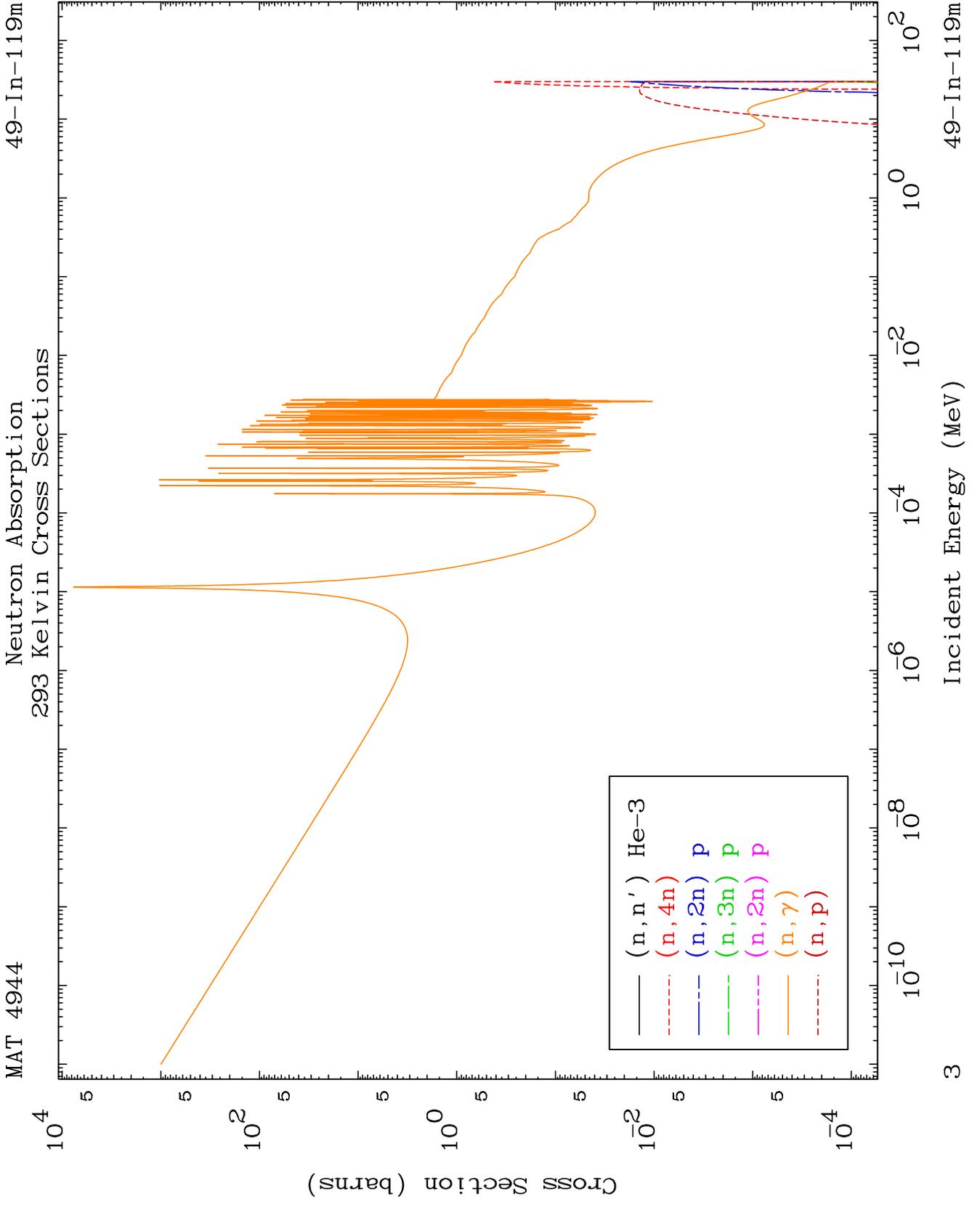


MAT 4944

Neutron Absorption
293 Kelvin Cross Sections

49-In-119m

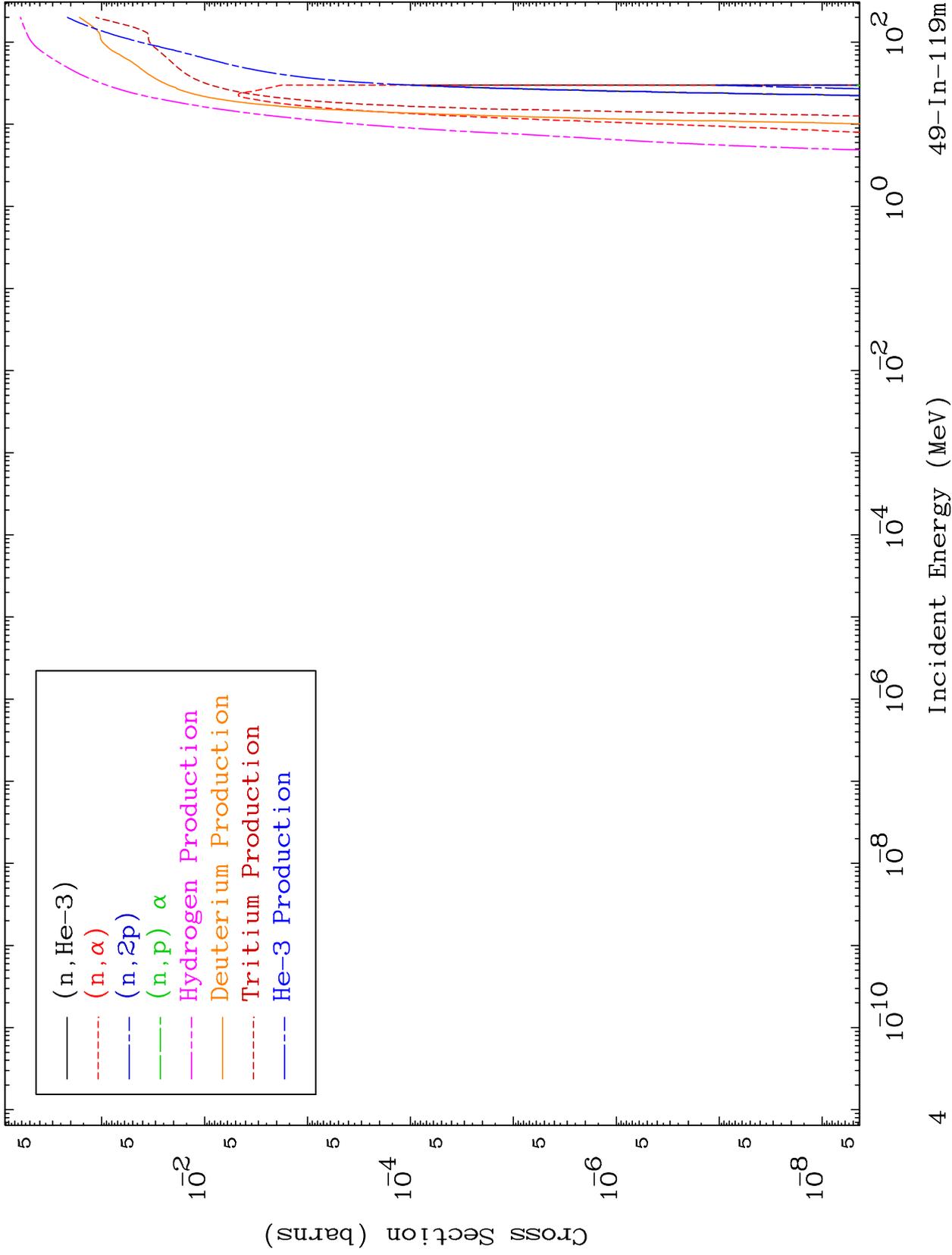




MAT 4944

Neutron Absorption
293 Kelvin Cross Sections

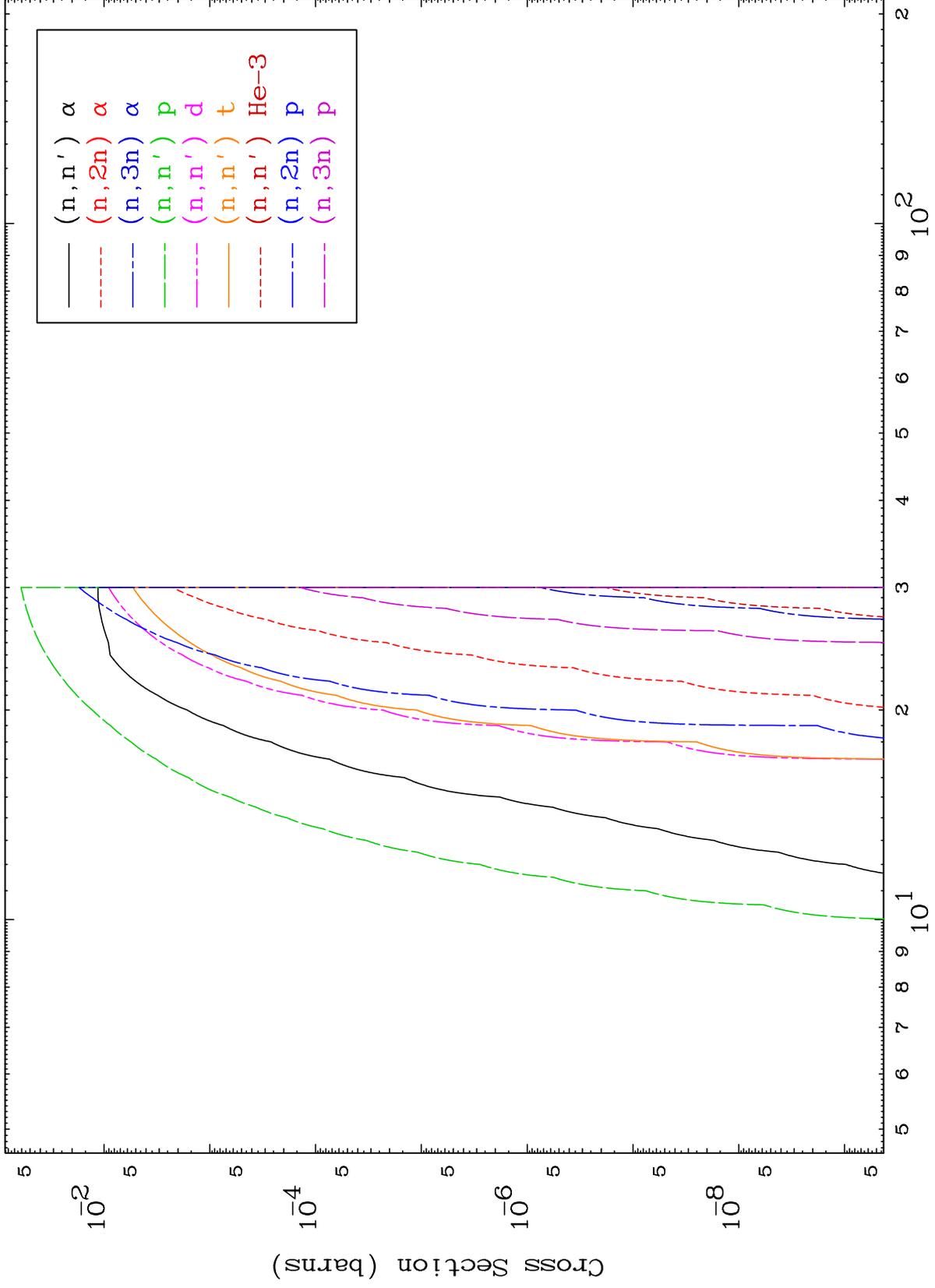
49-In-119m



MAT 4944

Charged Particle
293 Kelvin Cross Sections

49-In-119m



5

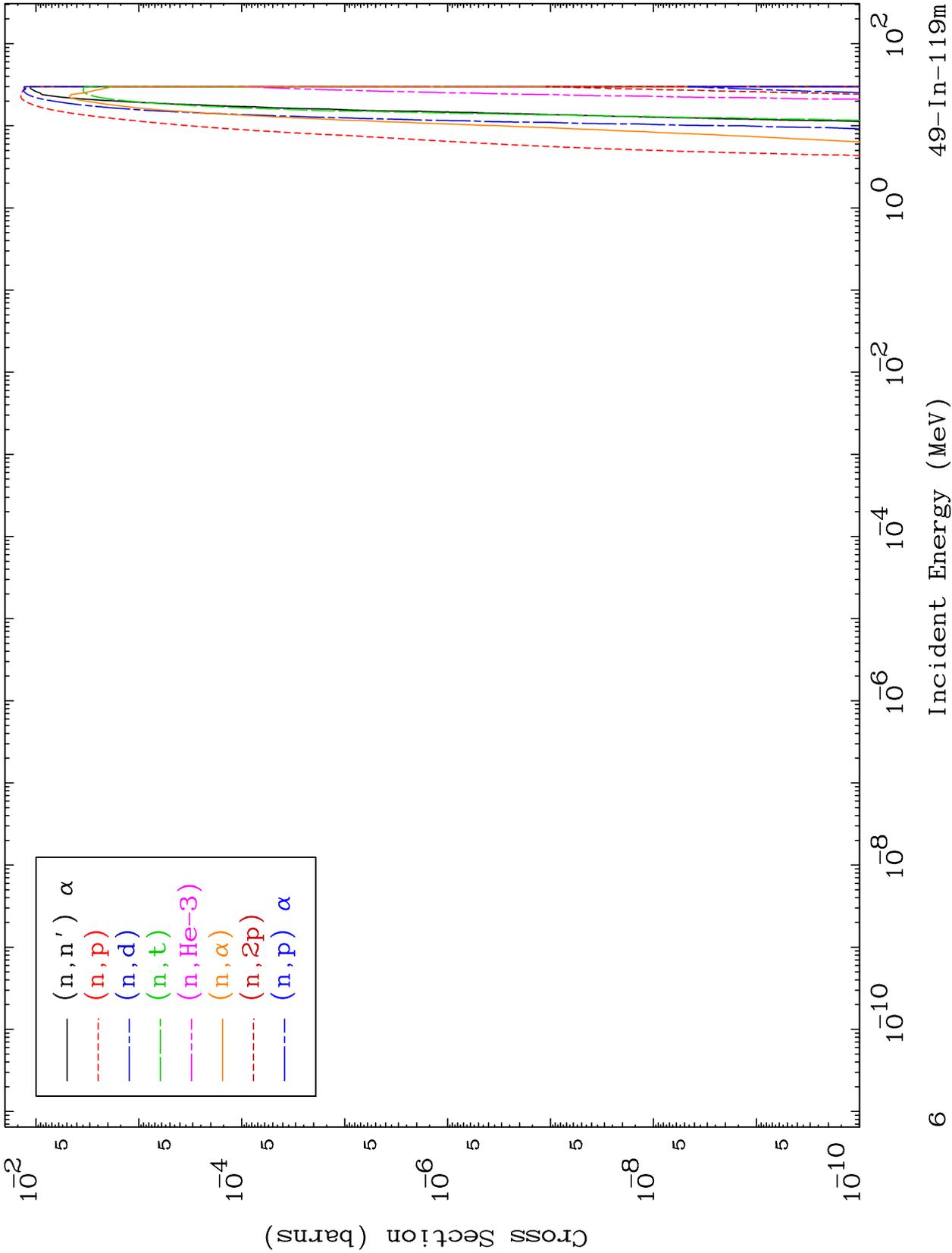
Incident Energy (MeV)

49-In-119m

MAT 4944

Charged Particle
293 Kelvin Cross Sections

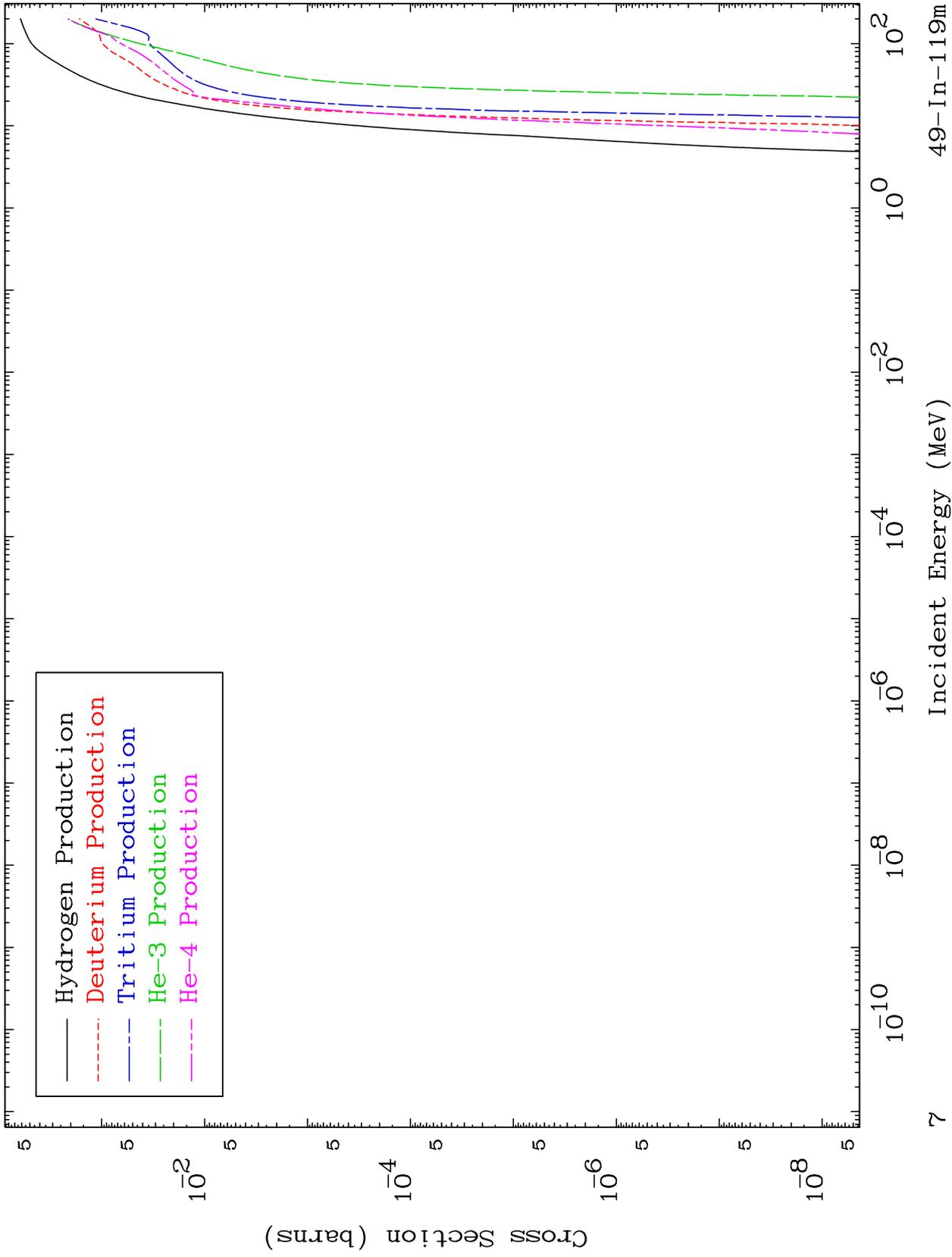
49-In-119m



MAT 4944

Particle Production
293 Kelvin Cross Sections

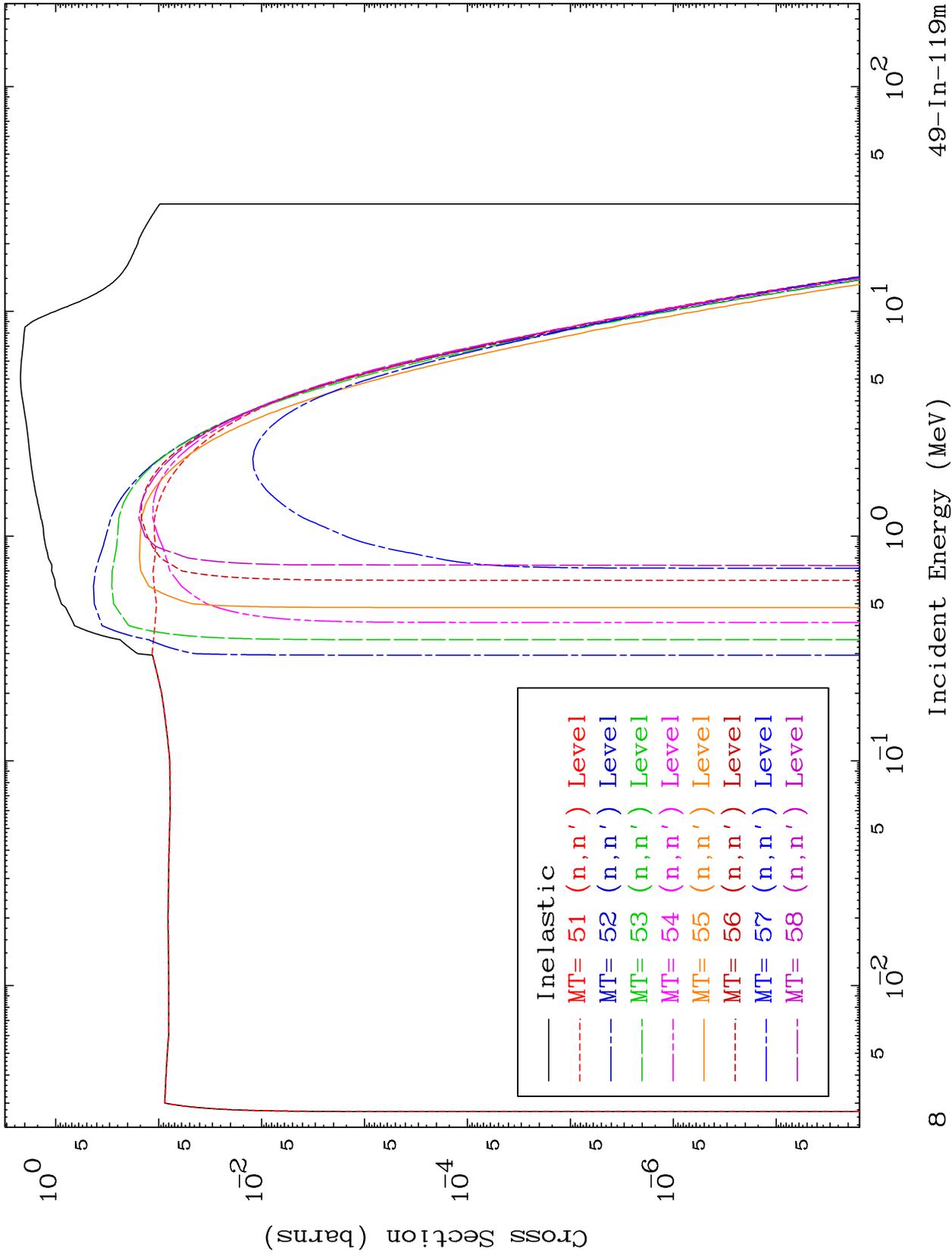
49-In-119m



MAT 4944

(n,n') Levels
293 Kelvin Cross Sections

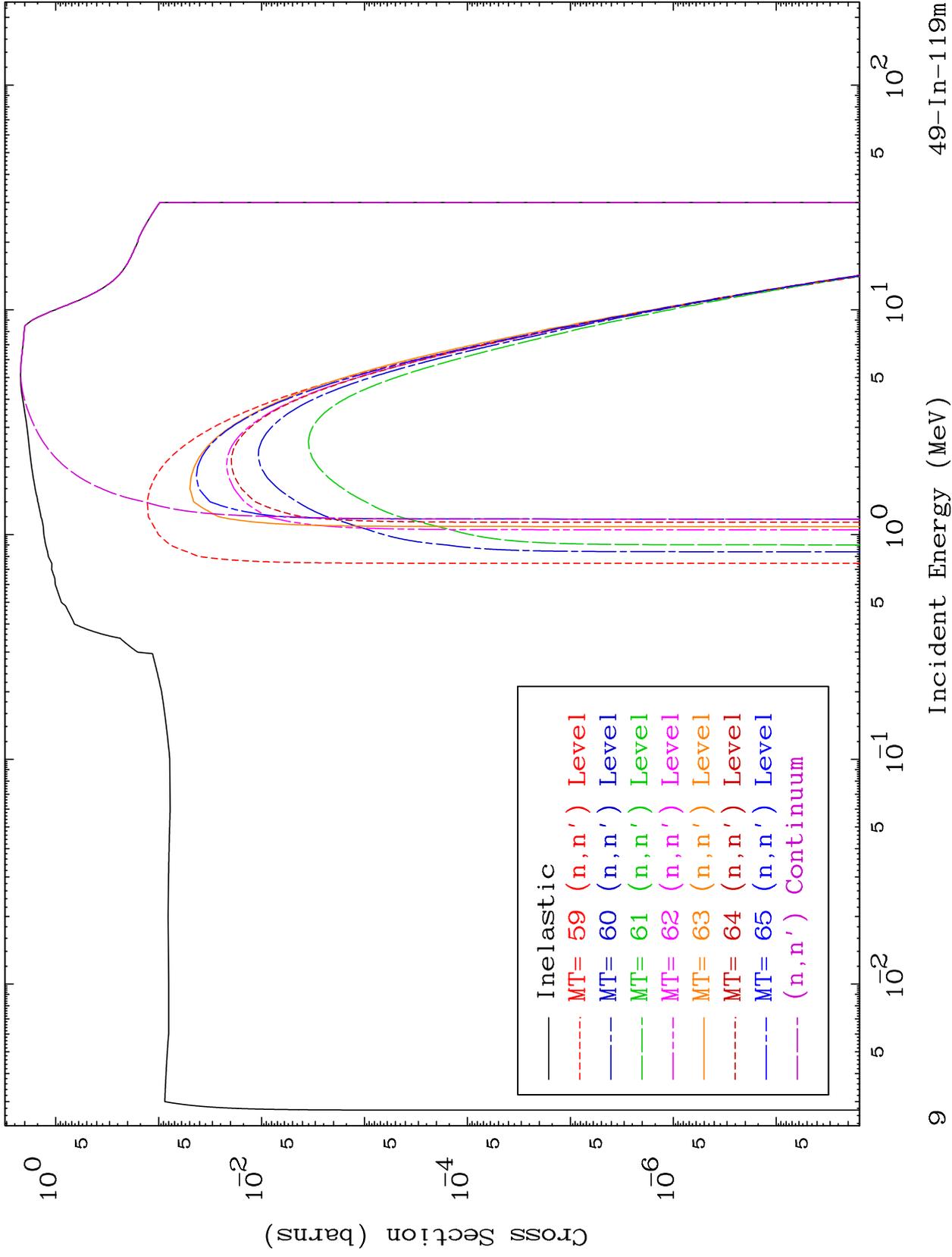
49-In-119m



MAT 4944

(n,n') Levels
293 Kelvin Cross Sections

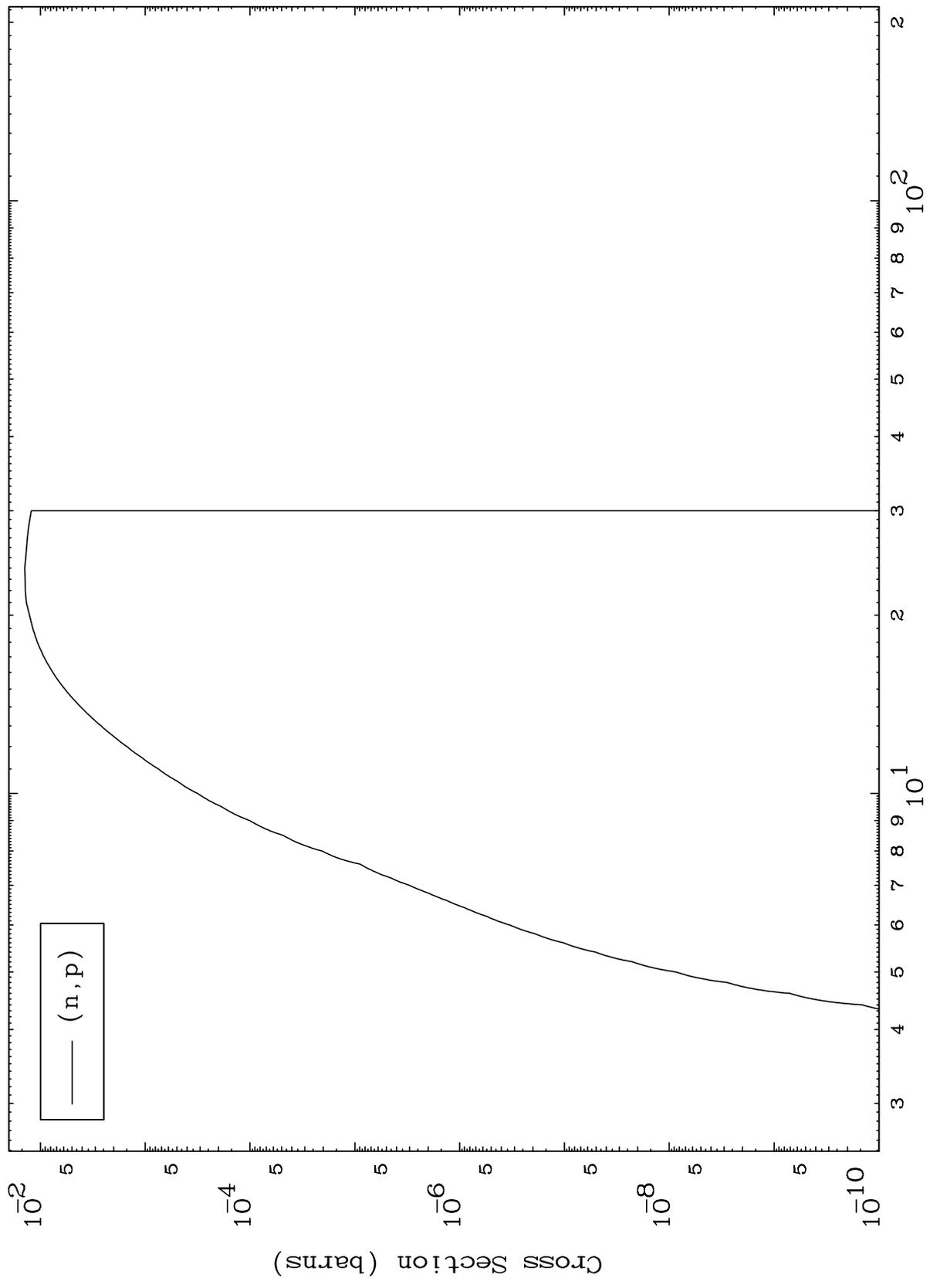
49-In-119m



MAT 4944

(n,p) Levels
293 Kelvin Cross Sections

49-In-119m



10

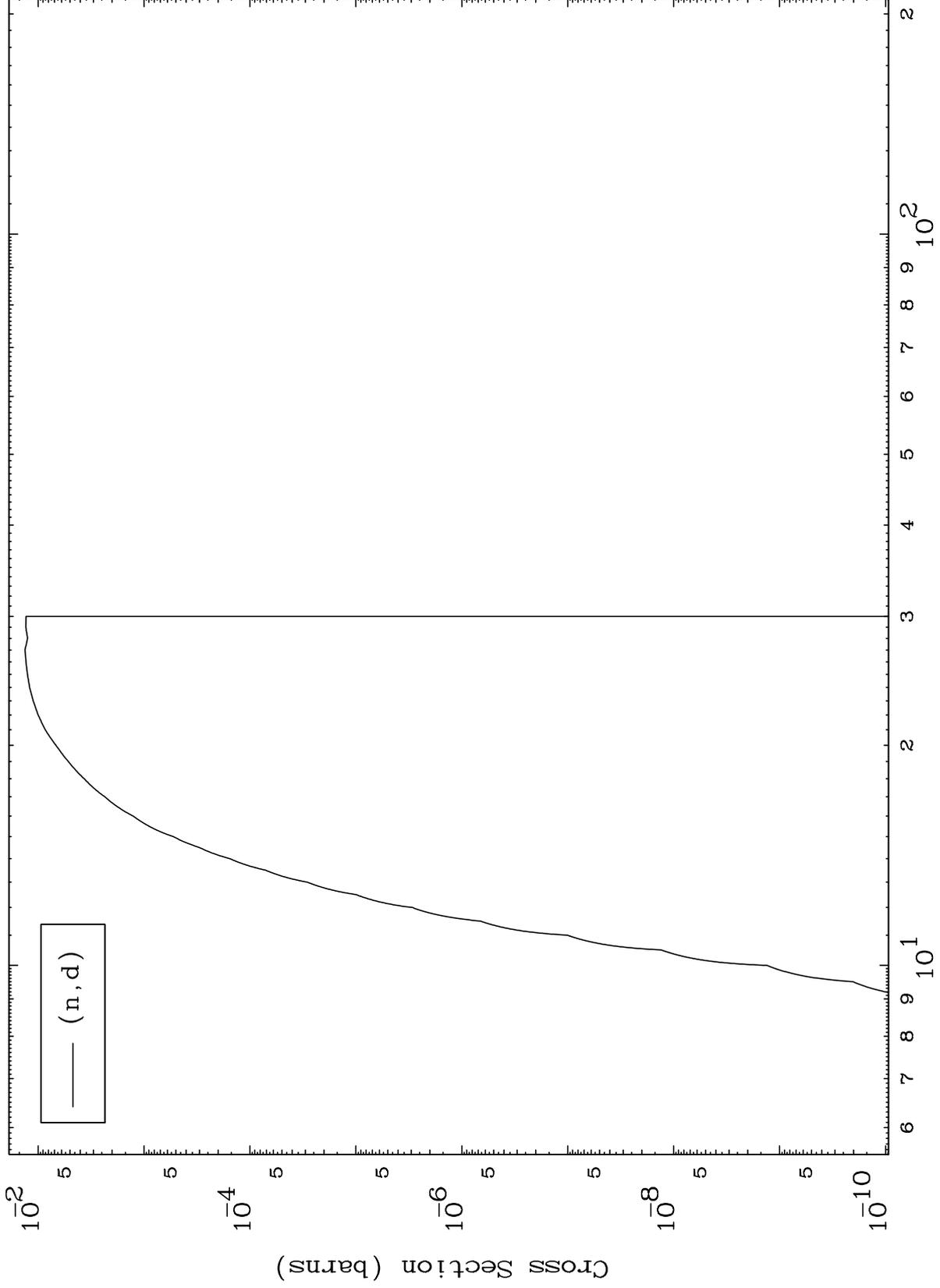
Incident Energy (MeV)

49-In-119m

MAT 4944

(n,d) Levels
293 Kelvin Cross Sections

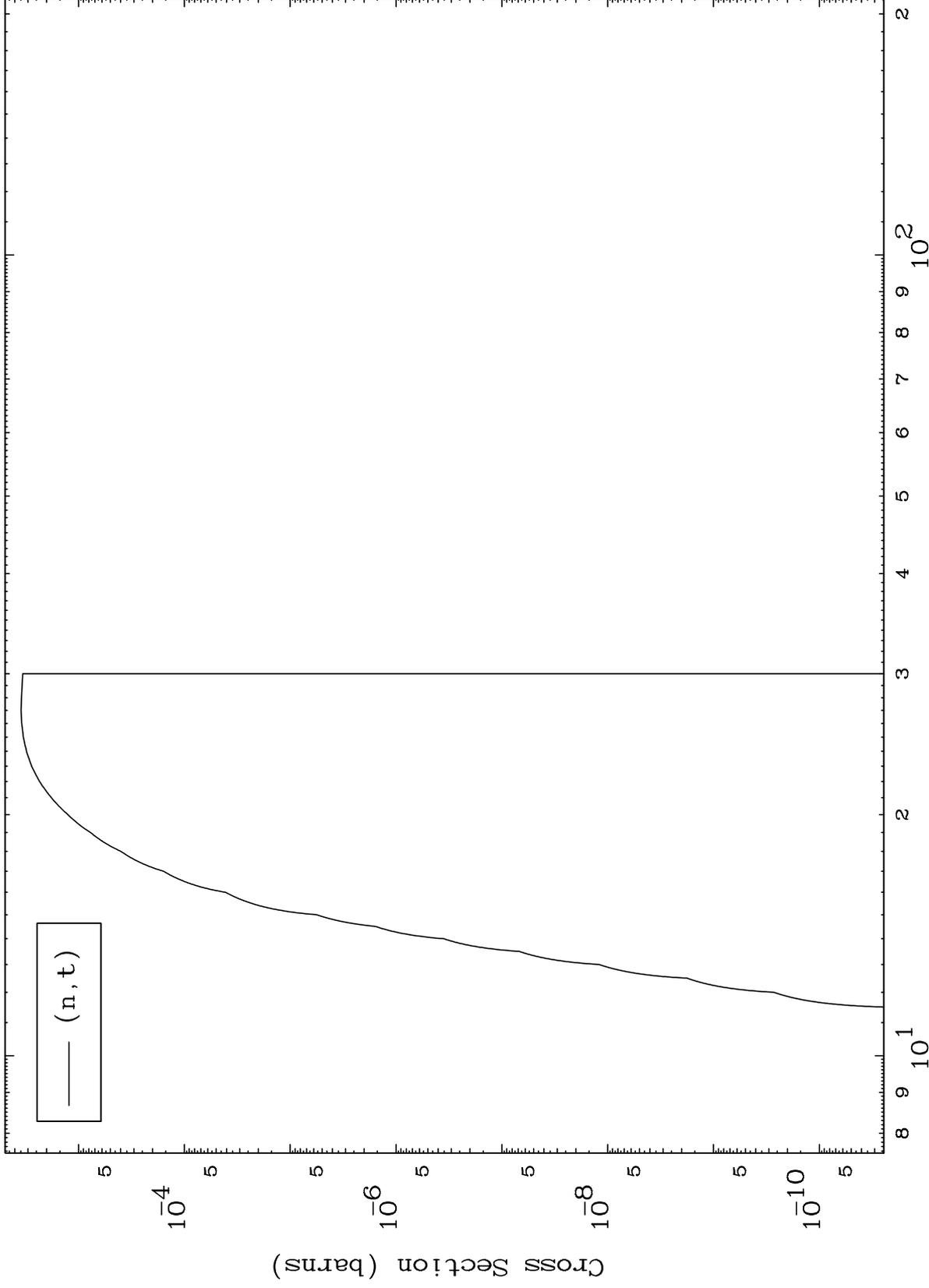
49-In-119m



MAT 4944

(n,t) Levels
293 Kelvin Cross Sections

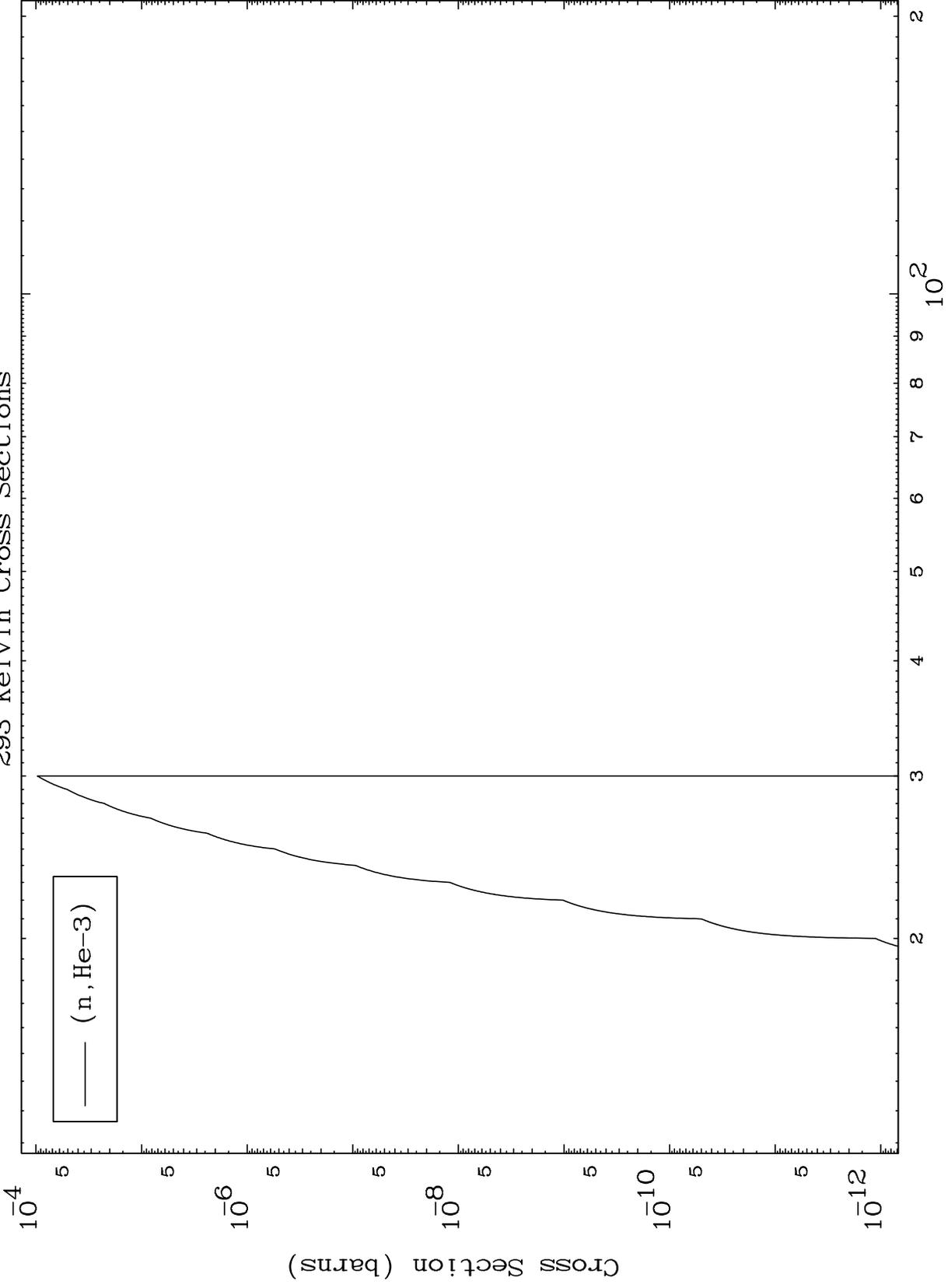
49-In-119m



MAT 4944

(n,He3) Levels
293 Kelvin Cross Sections

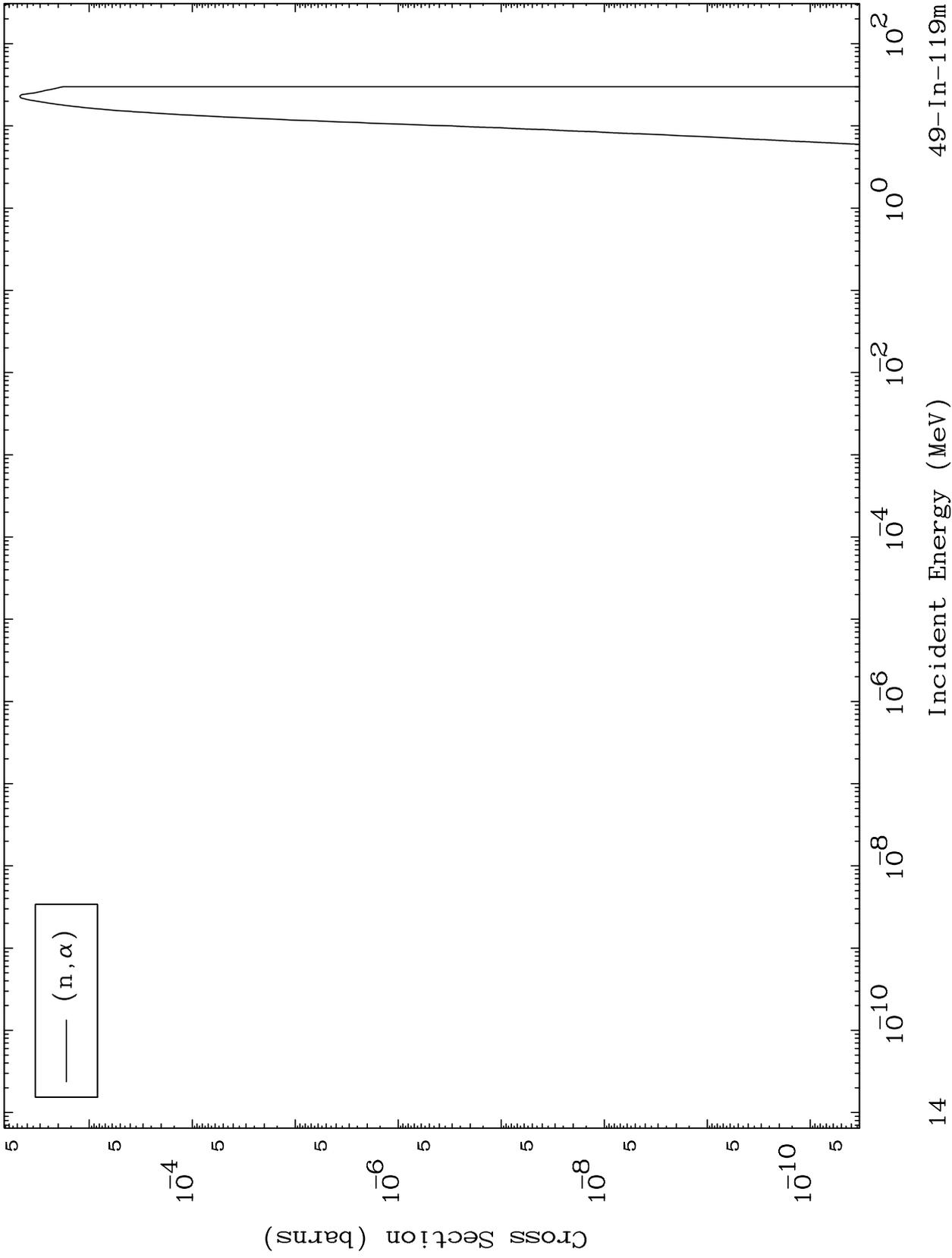
49-In-119m



MAT 4944

(n, α) Levels
293 Kelvin Cross Sections

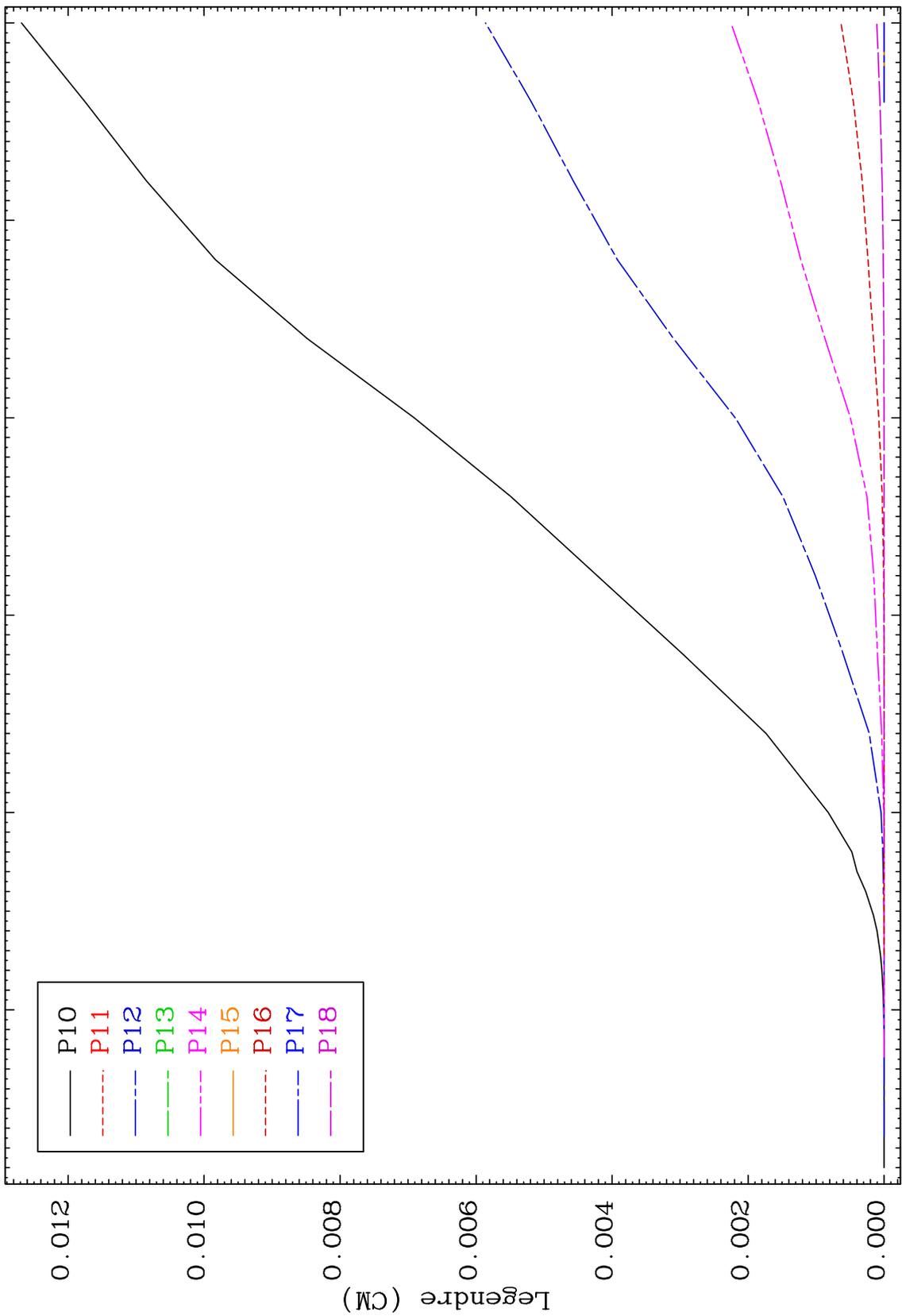
49-In-119m



MAT 4944

Elastic Legendre Coefficients

49-In-119m



16

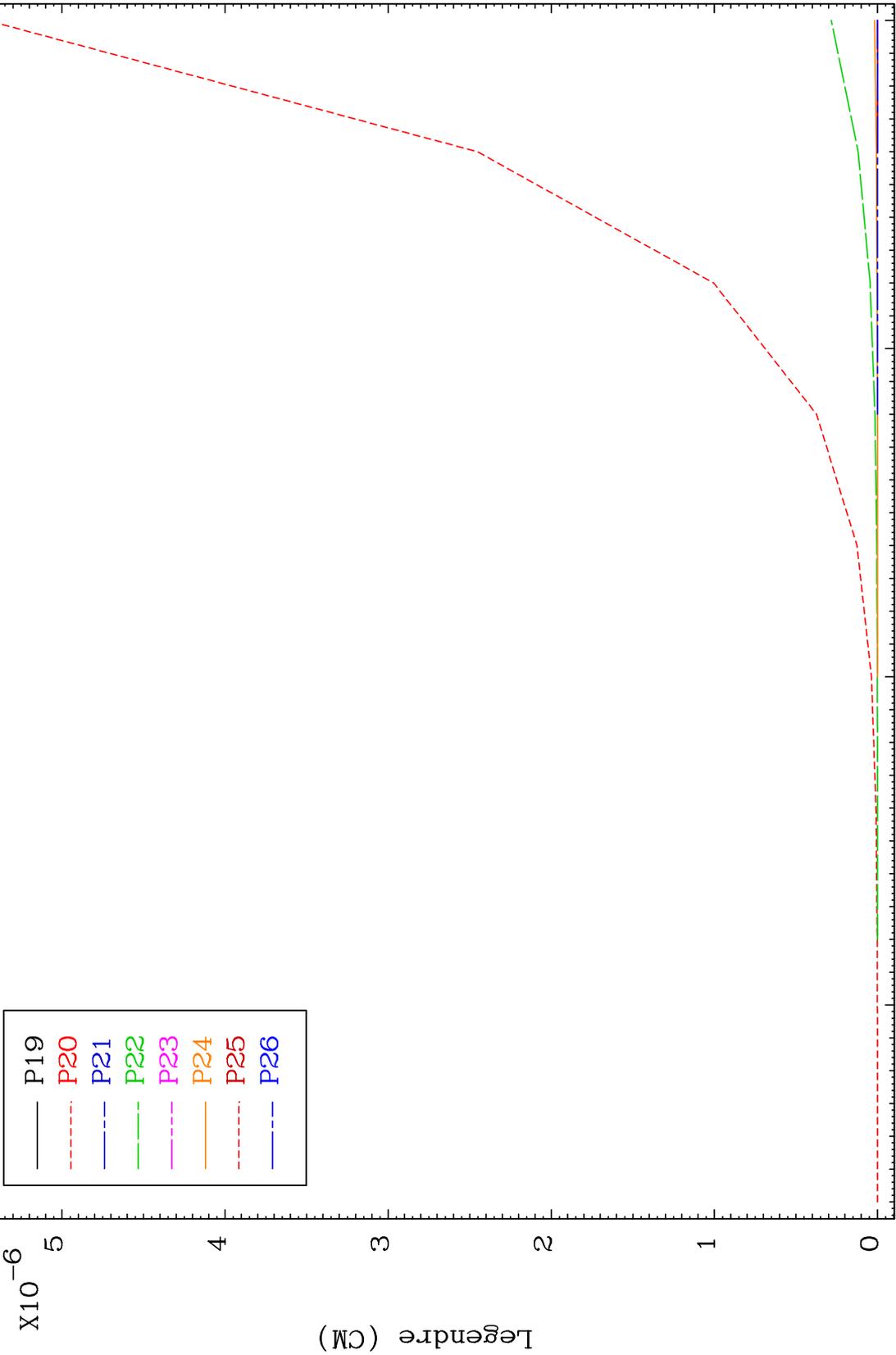
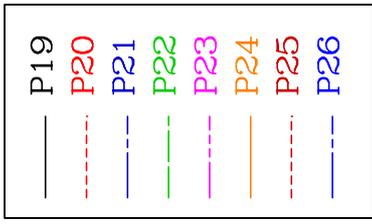
49-In-119m

Incident Energy (MeV)

MAT 4944

Elastic Legendre Coefficients

49-In-119m



17

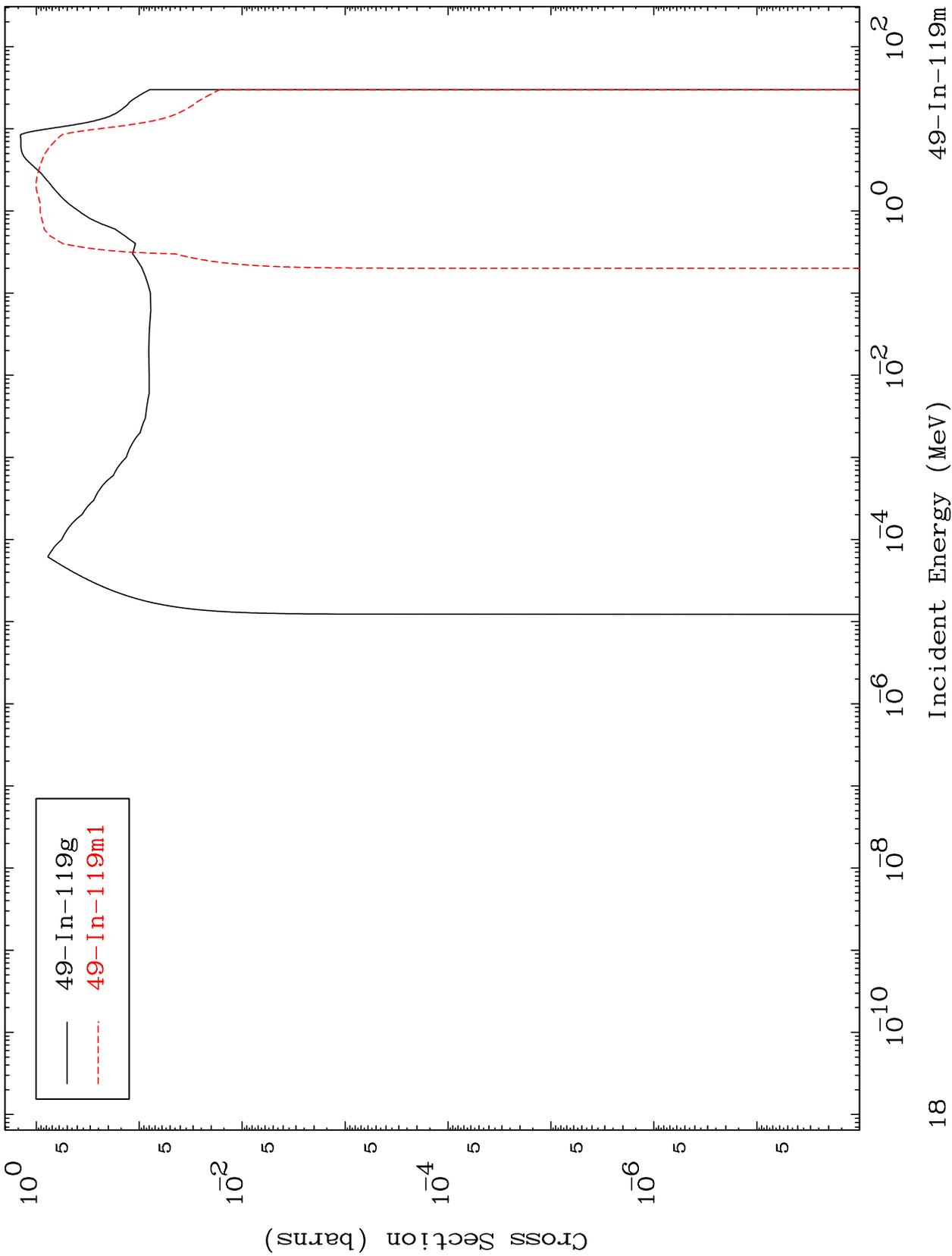
Incident Energy (MeV)

49-In-119m

MAT 4944

49-In-119m

Inelastic
Radionuclide Production Cross Section

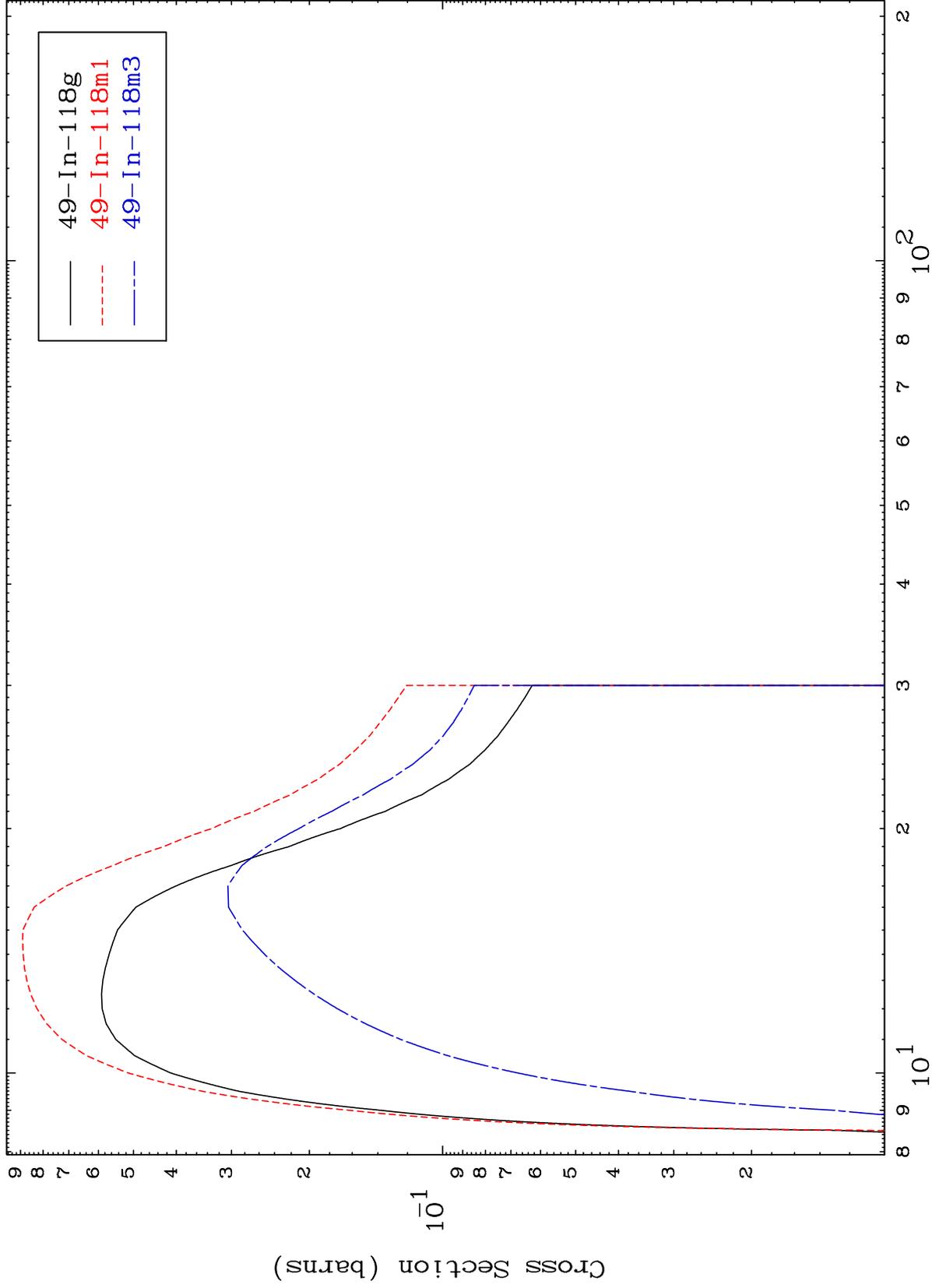


MAT 4944

(n,2n)

49-In-119m

Radionuclide Production Cross Section



19

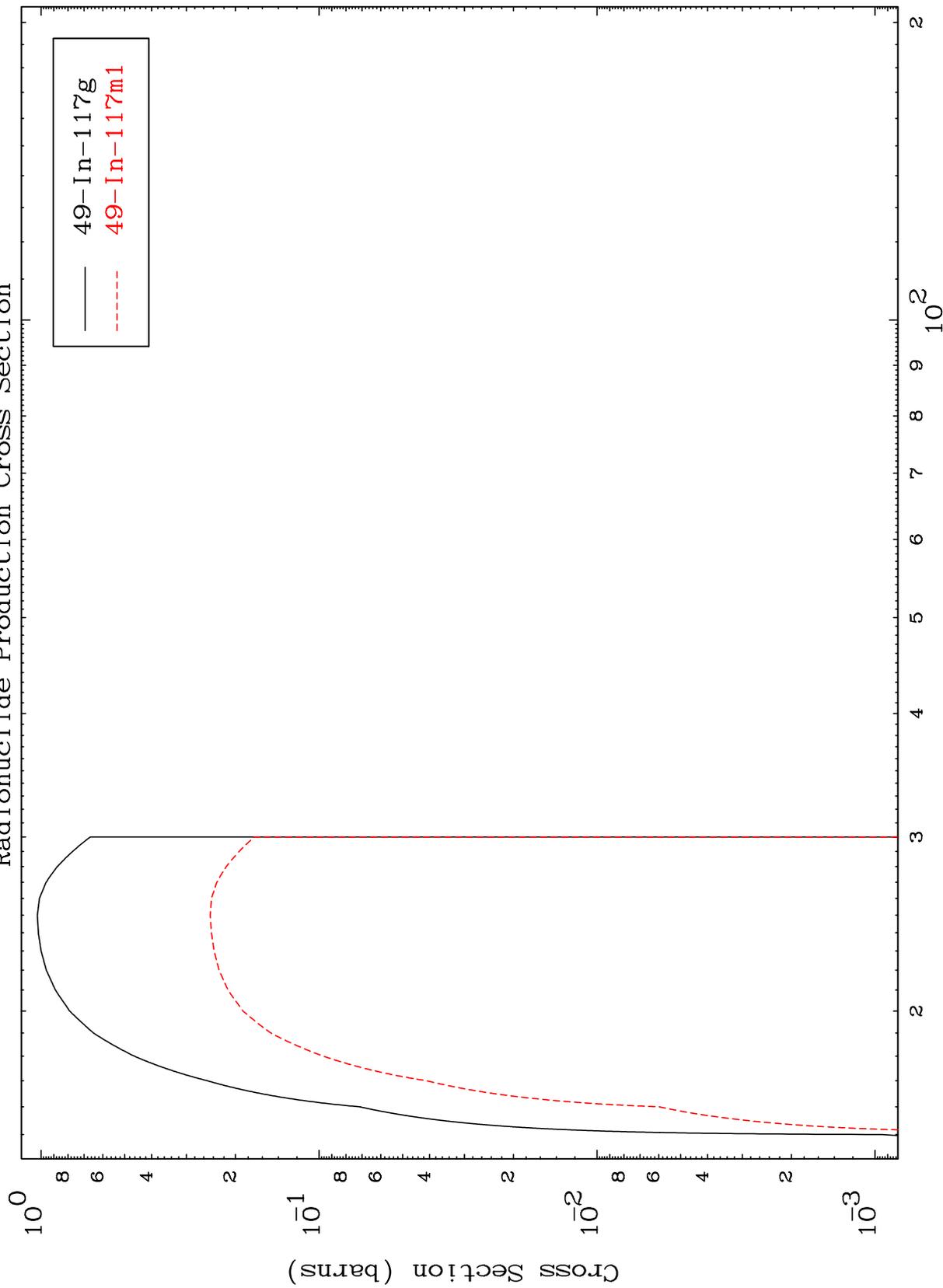
Incident Energy (MeV)

49-In-119m

MAT 4944

49-In-119m

(n,3n)
Radionuclide Production Cross Section



49-In-119m

Incident Energy (MeV)

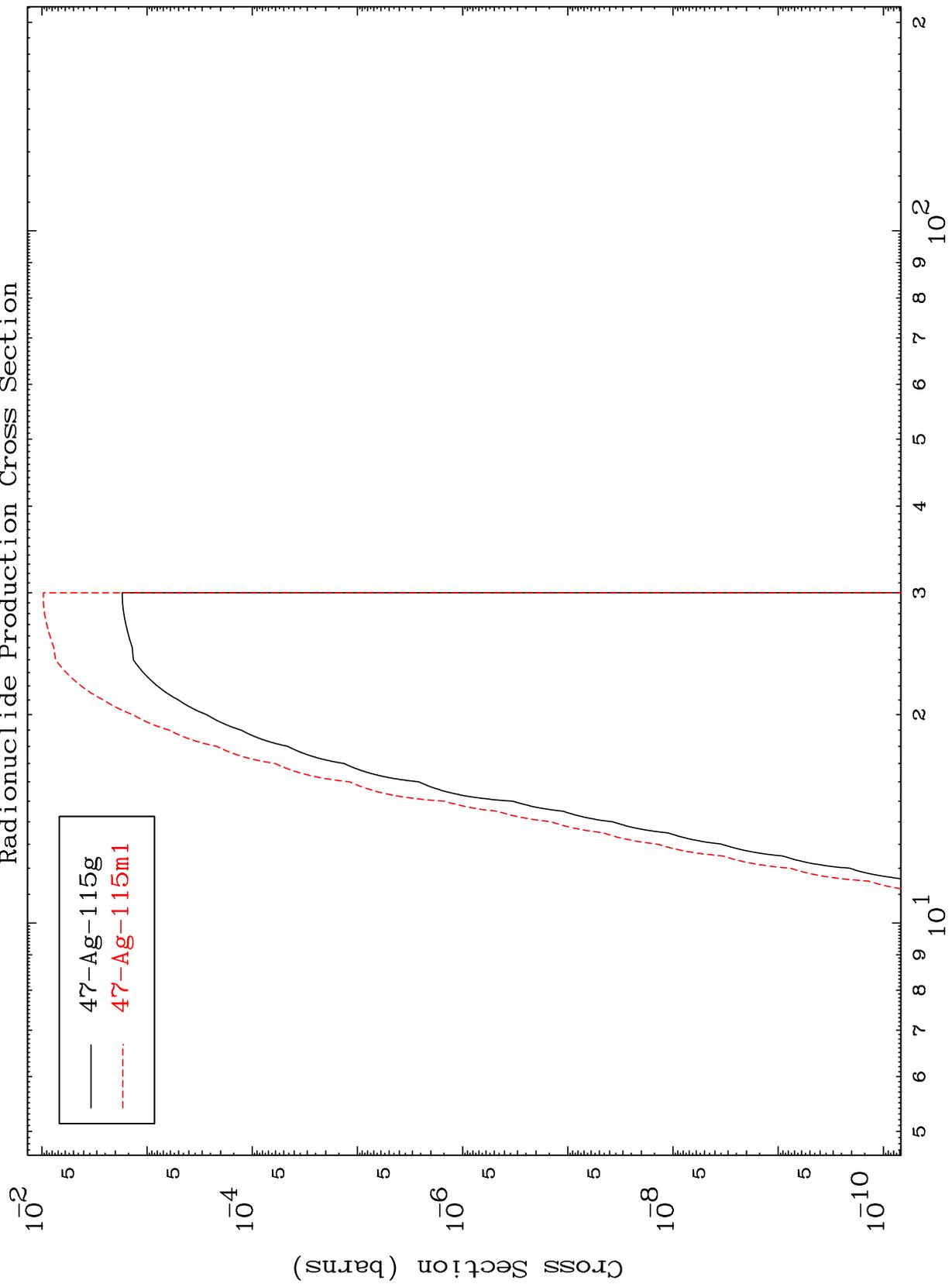
20

MAT 4944

(n,n') α

49-In-119m

Radionuclide Production Cross Section

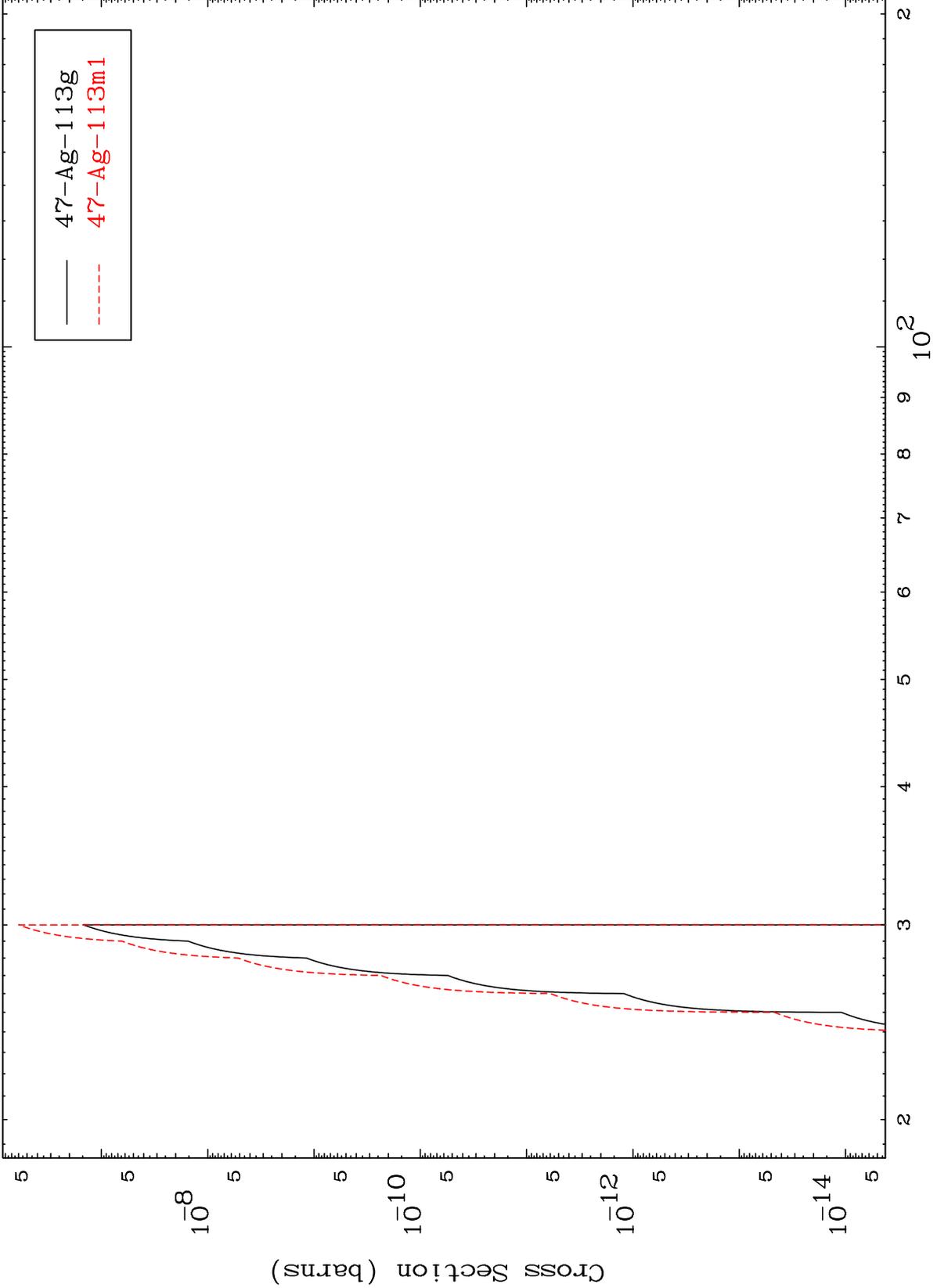


MAT 4944

(n,3n) α

49-In-119m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

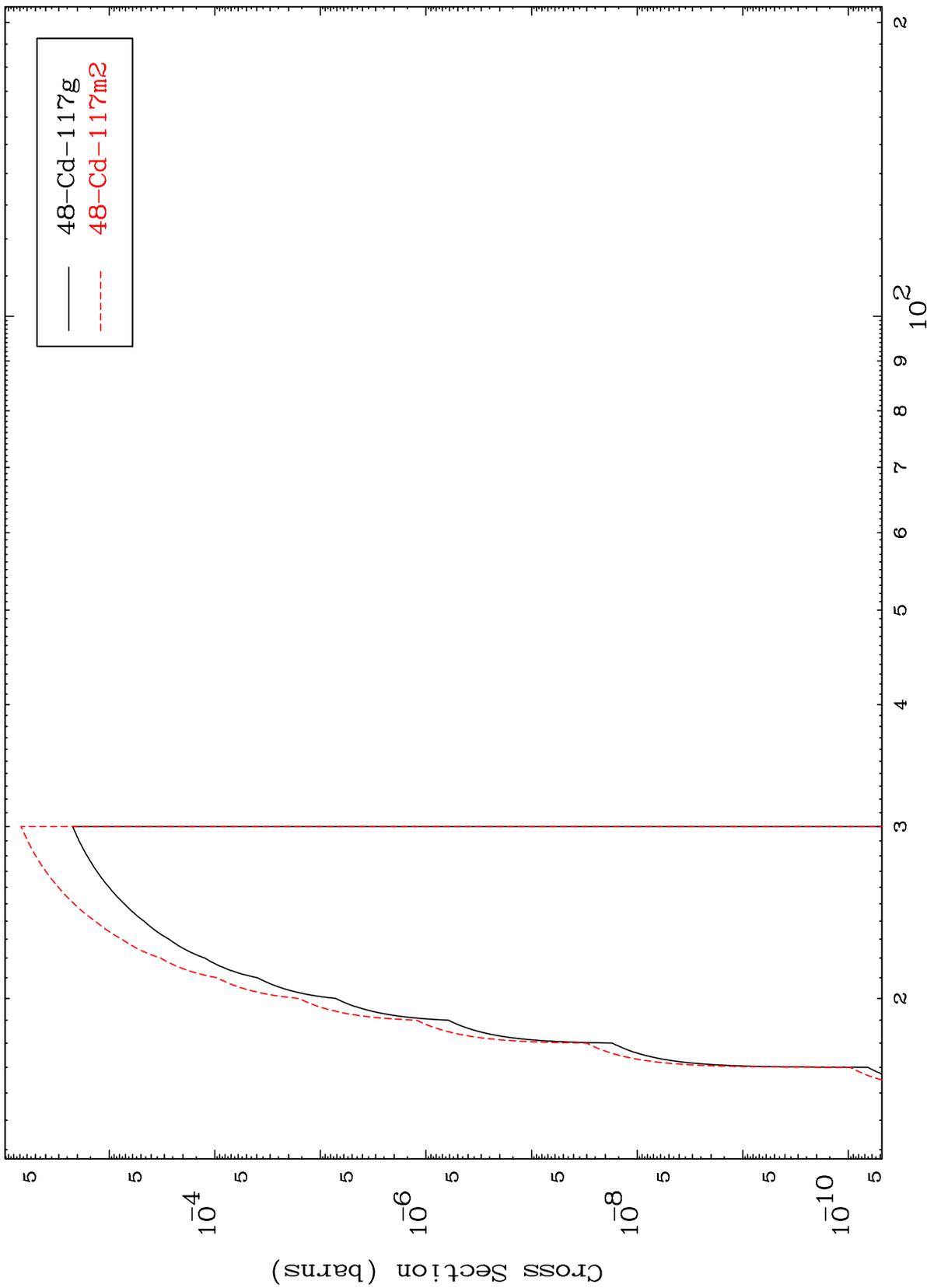
49-In-119m

MAT 4944

(n,n') d

49-In-119m

Radionuclide Production Cross Section

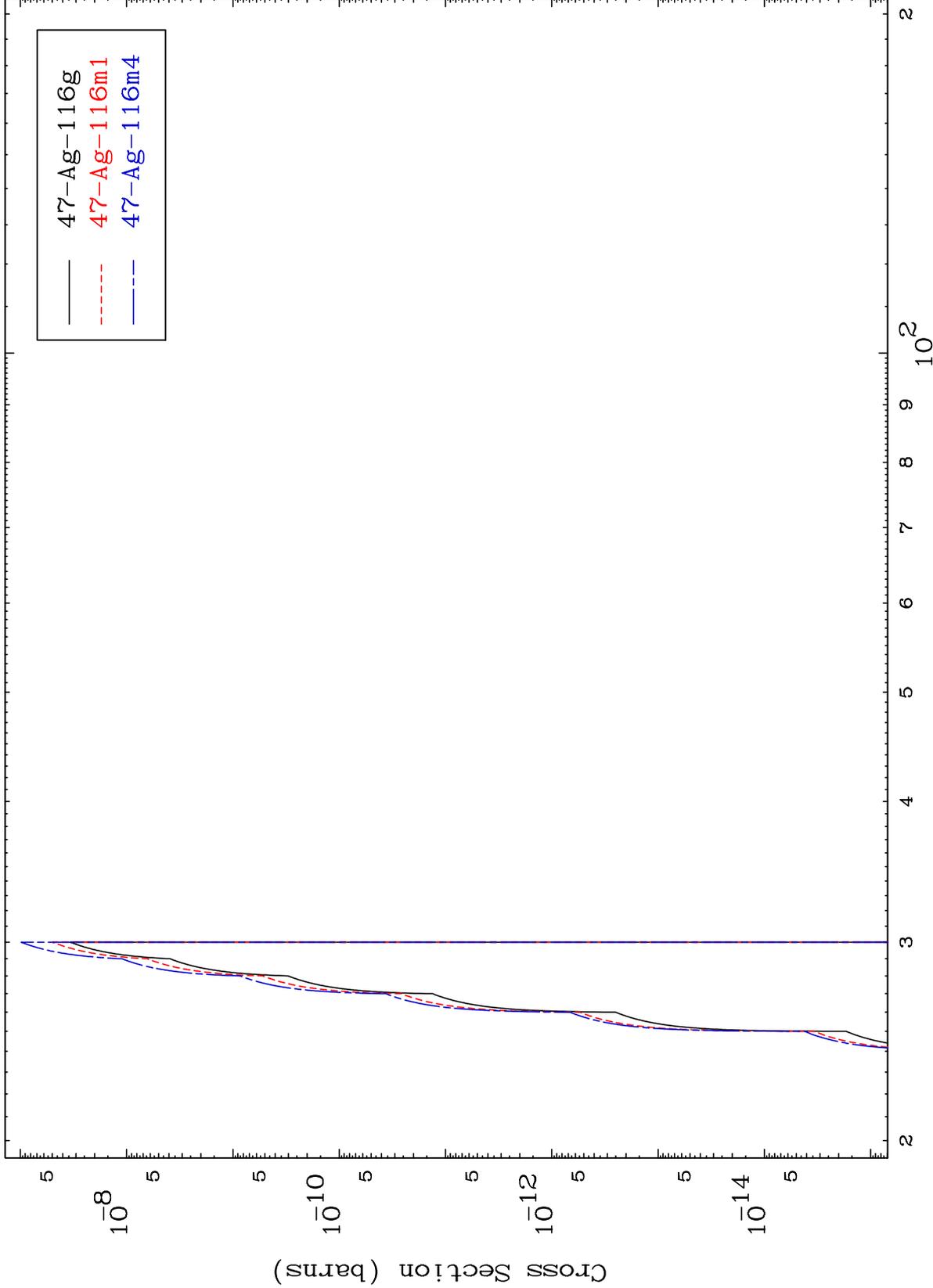


MAT 4944

(n,n') He-3

49-In-119m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

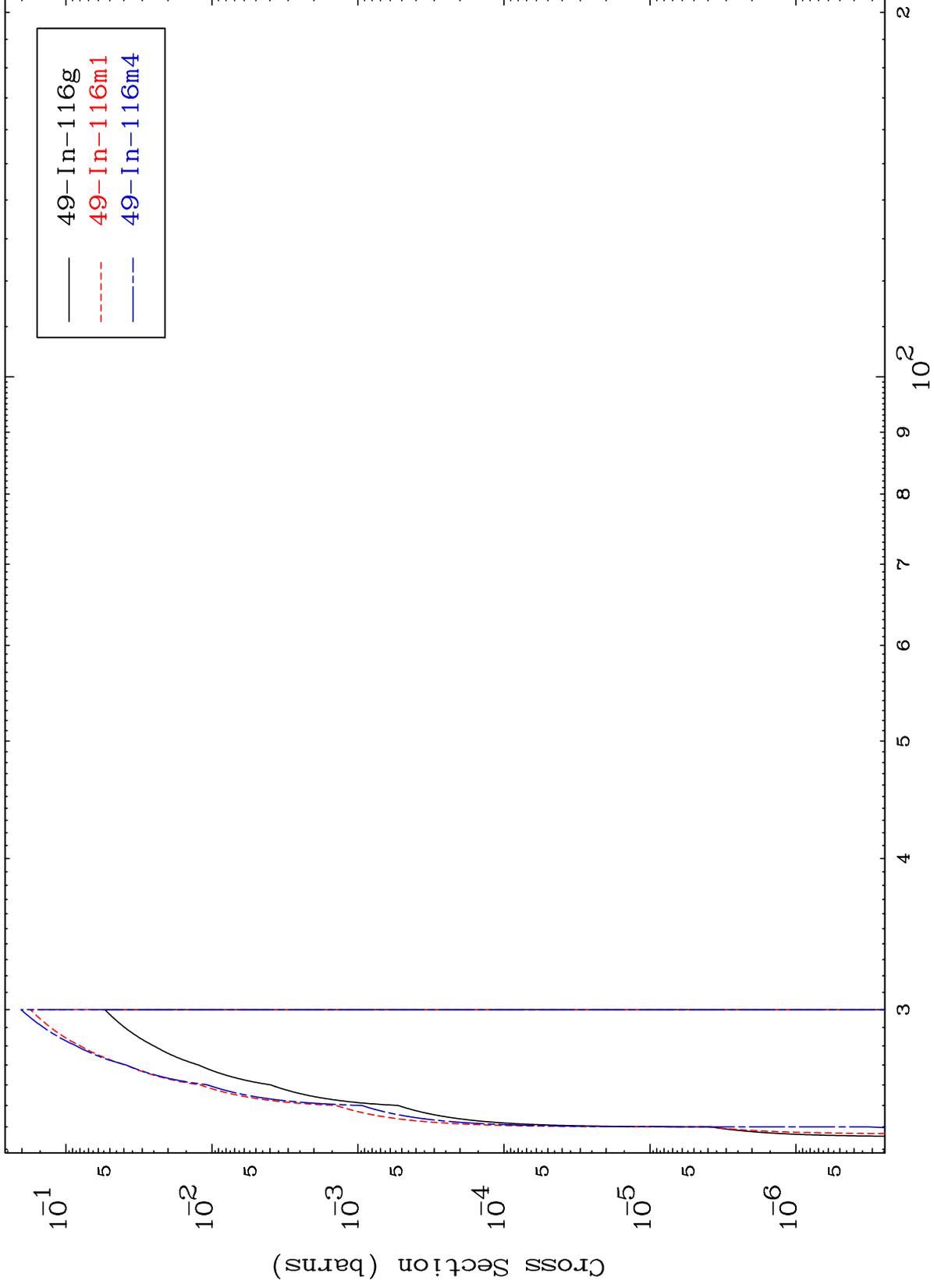
49-In-119m

MAT 4944

(n,4n)

49-In-119m

Radionuclide Production Cross Section

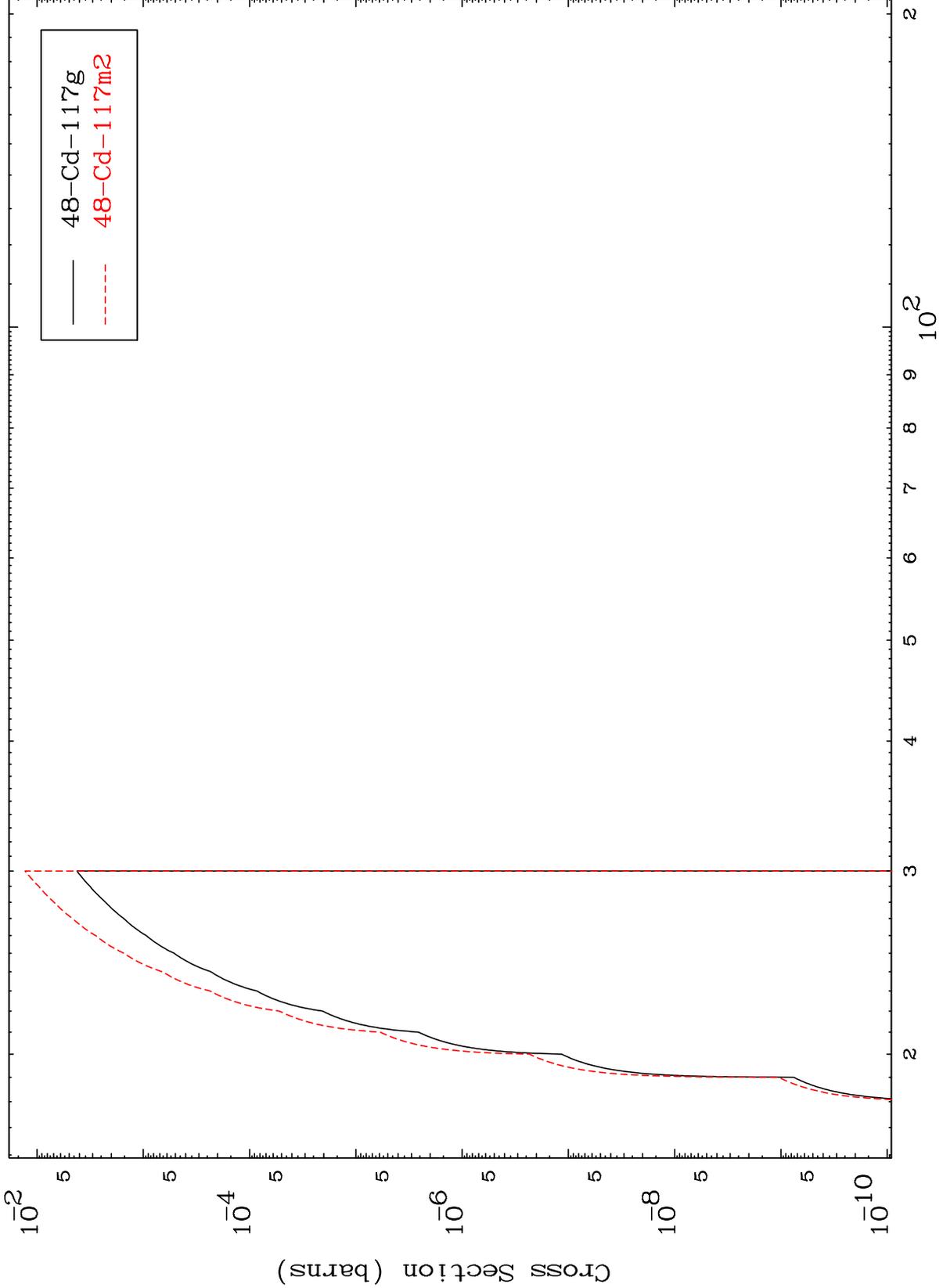


25

Incident Energy (MeV)

49-In-119m

Radionuclide Production Cross Section



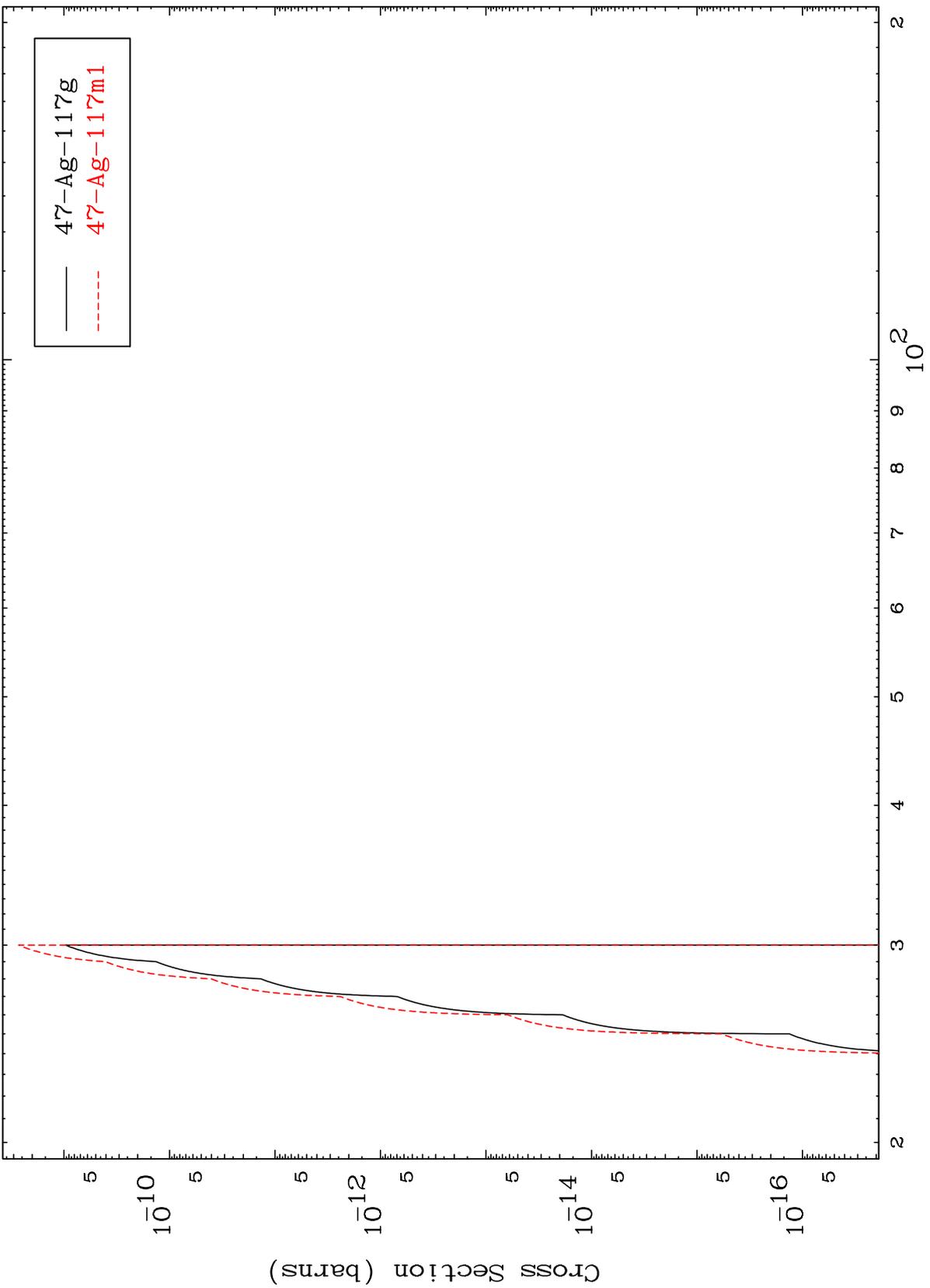
48-Cd-117g
48-Cd-117m2

MAT 4944

(n,2n) p

49-In-119m

Radionuclide Production Cross Section



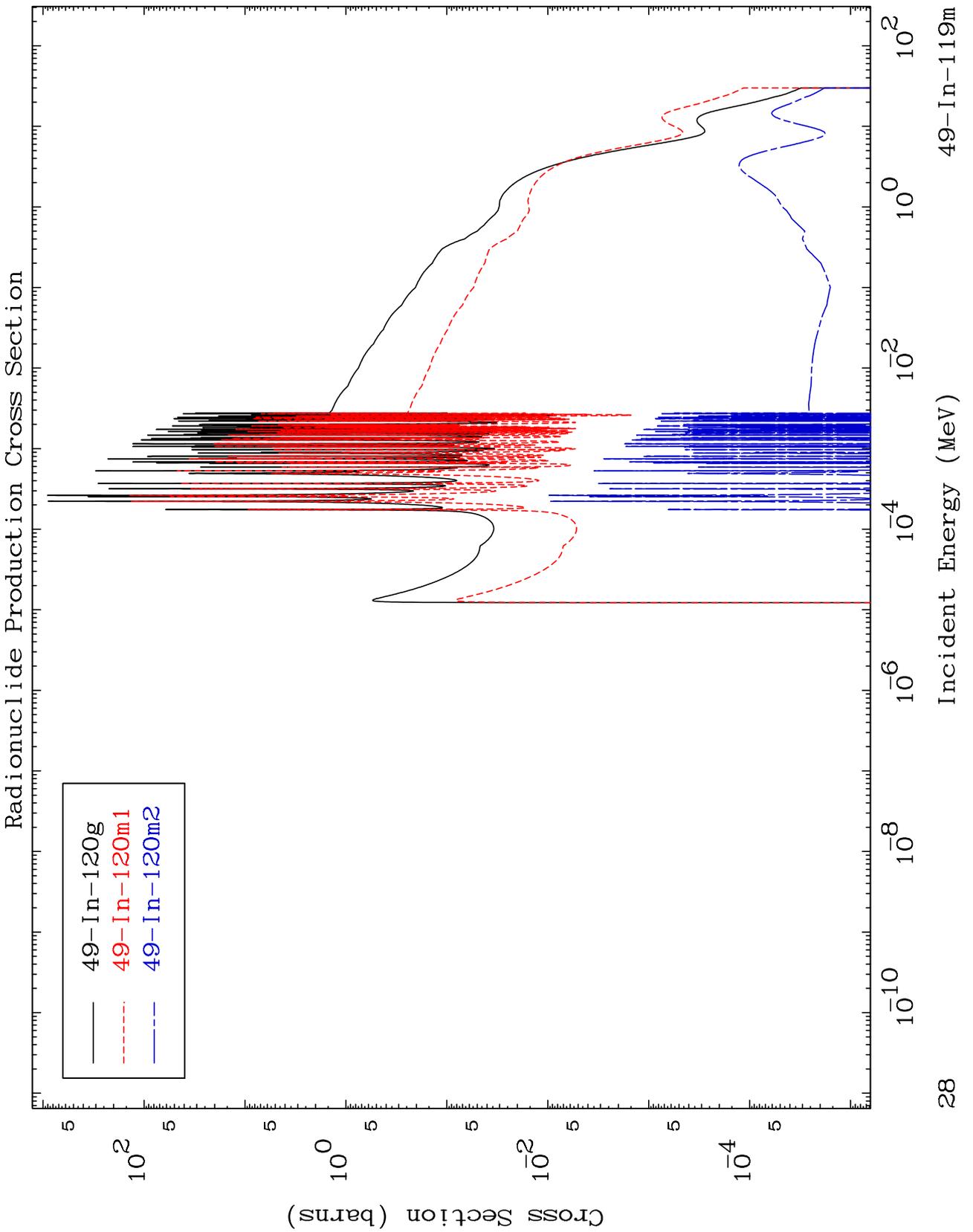
27

Incident Energy (MeV)

49-In-119m

MAT 4944

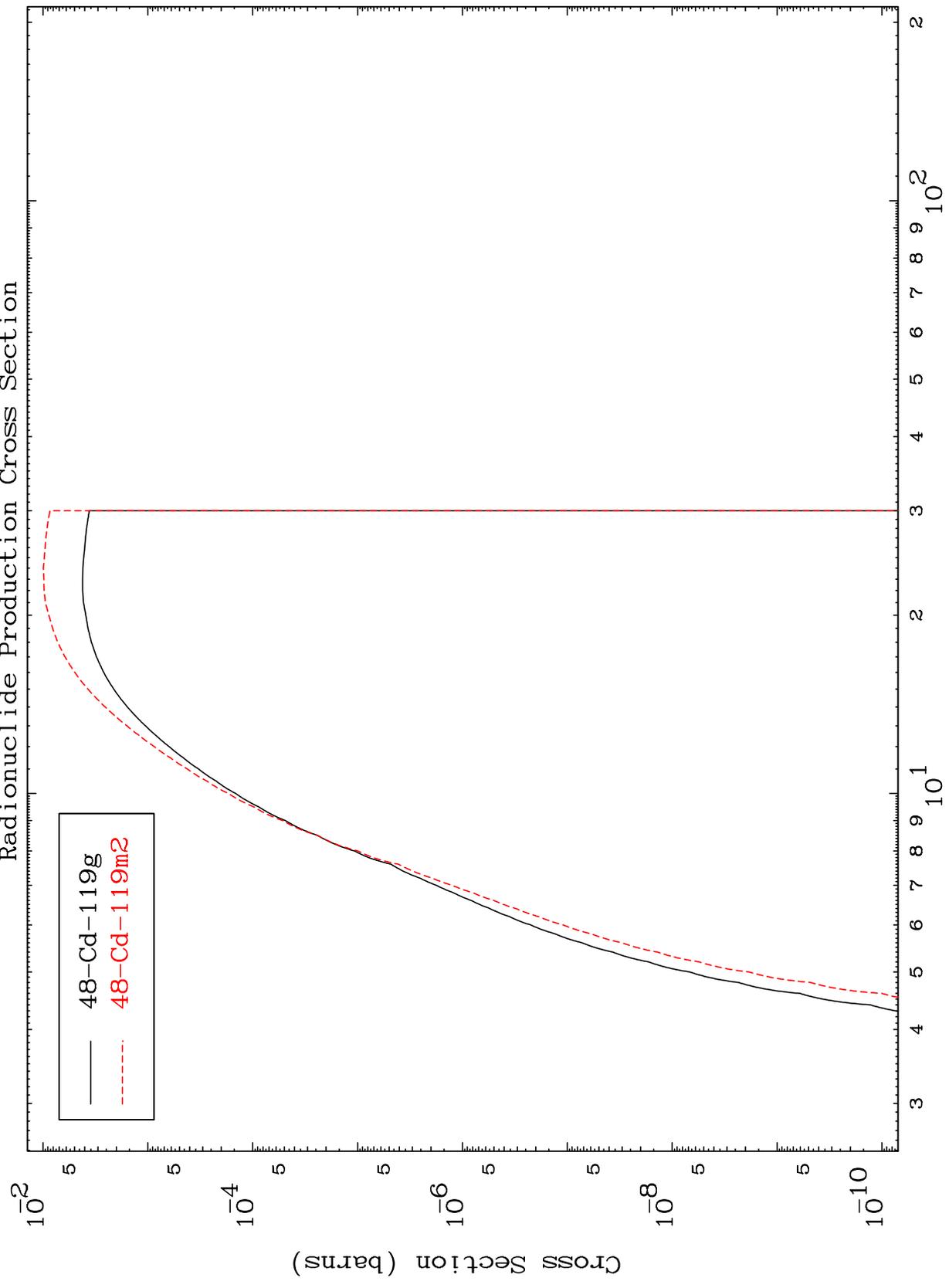
49-In-119m



MAT 4944

49-In-119m

Radionuclide Production Cross Section (n,p)



— 48-Cd-119g
- - - 48-Cd-119m2

49-In-119m

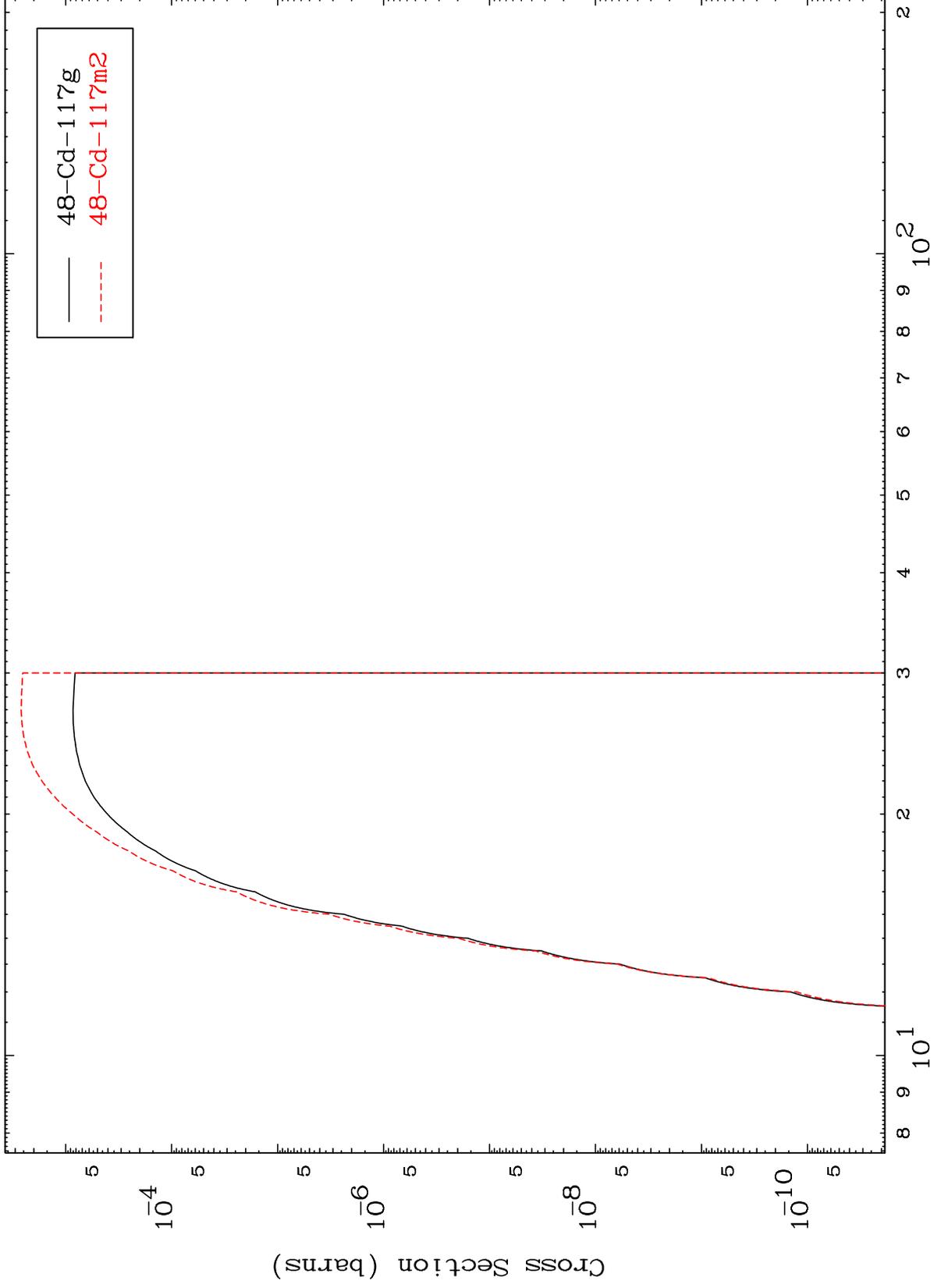
Incident Energy (MeV)

29

MAT 4944

49-In-119m

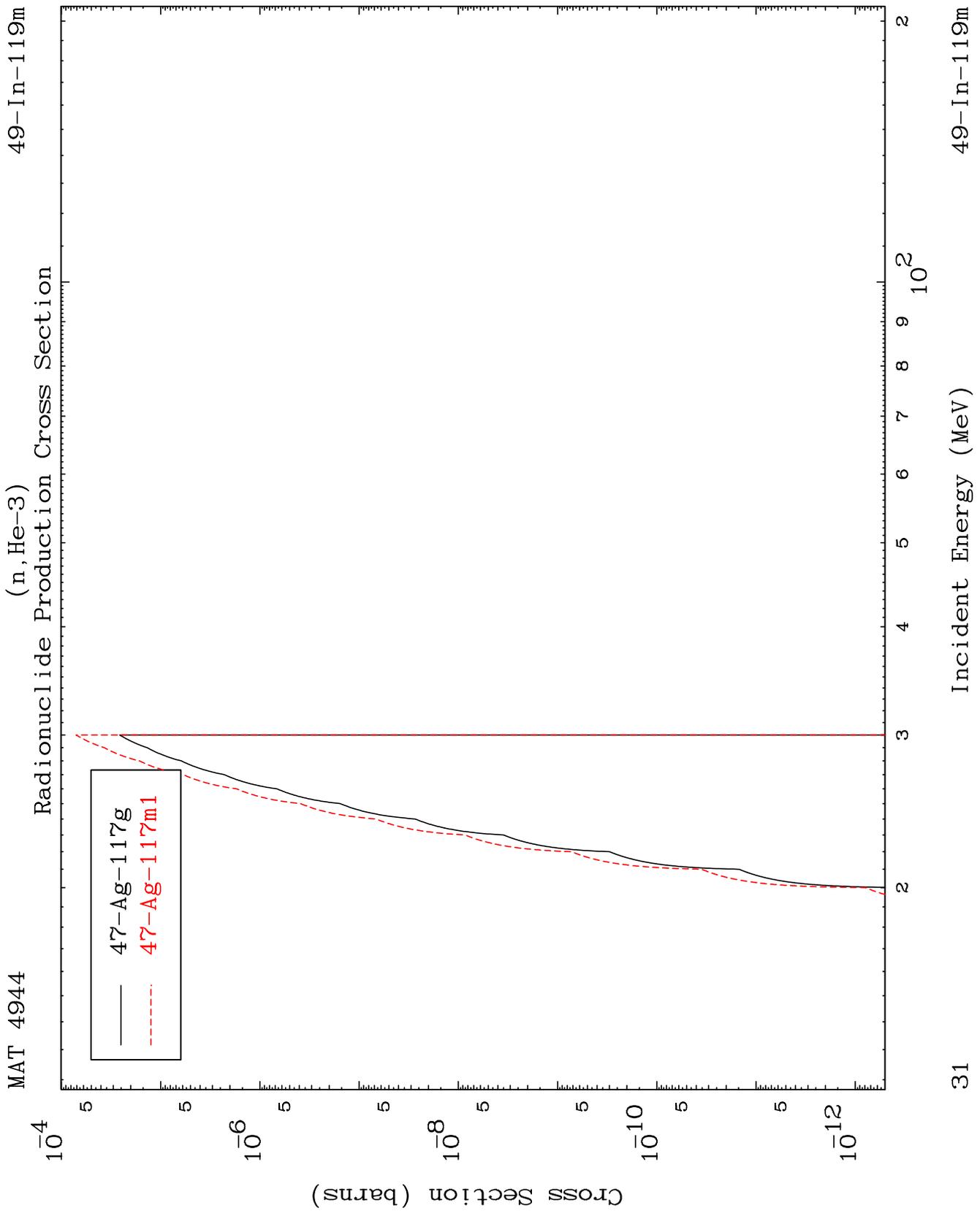
(n,t)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

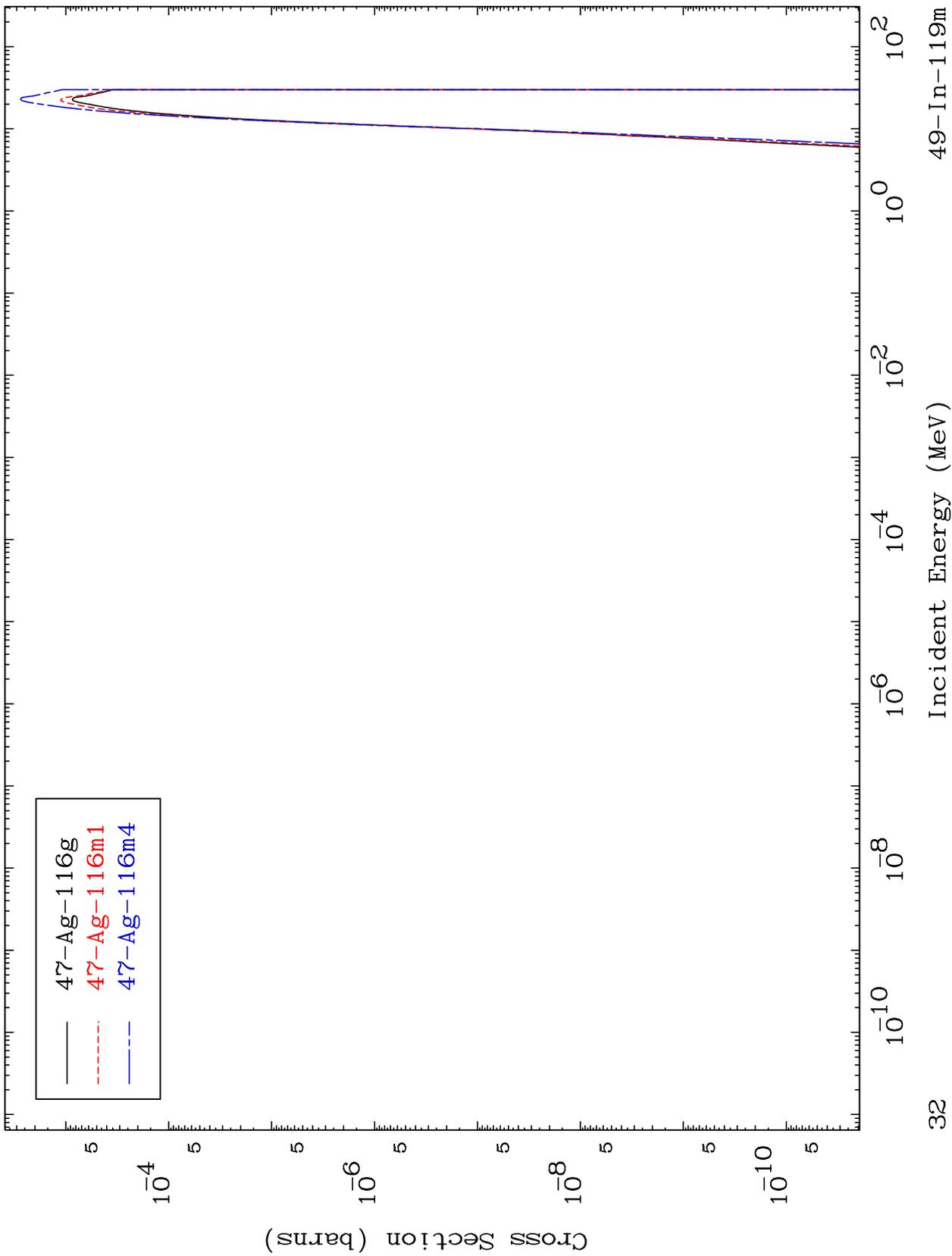
49-In-119m



MAT 4944

49-In-119m

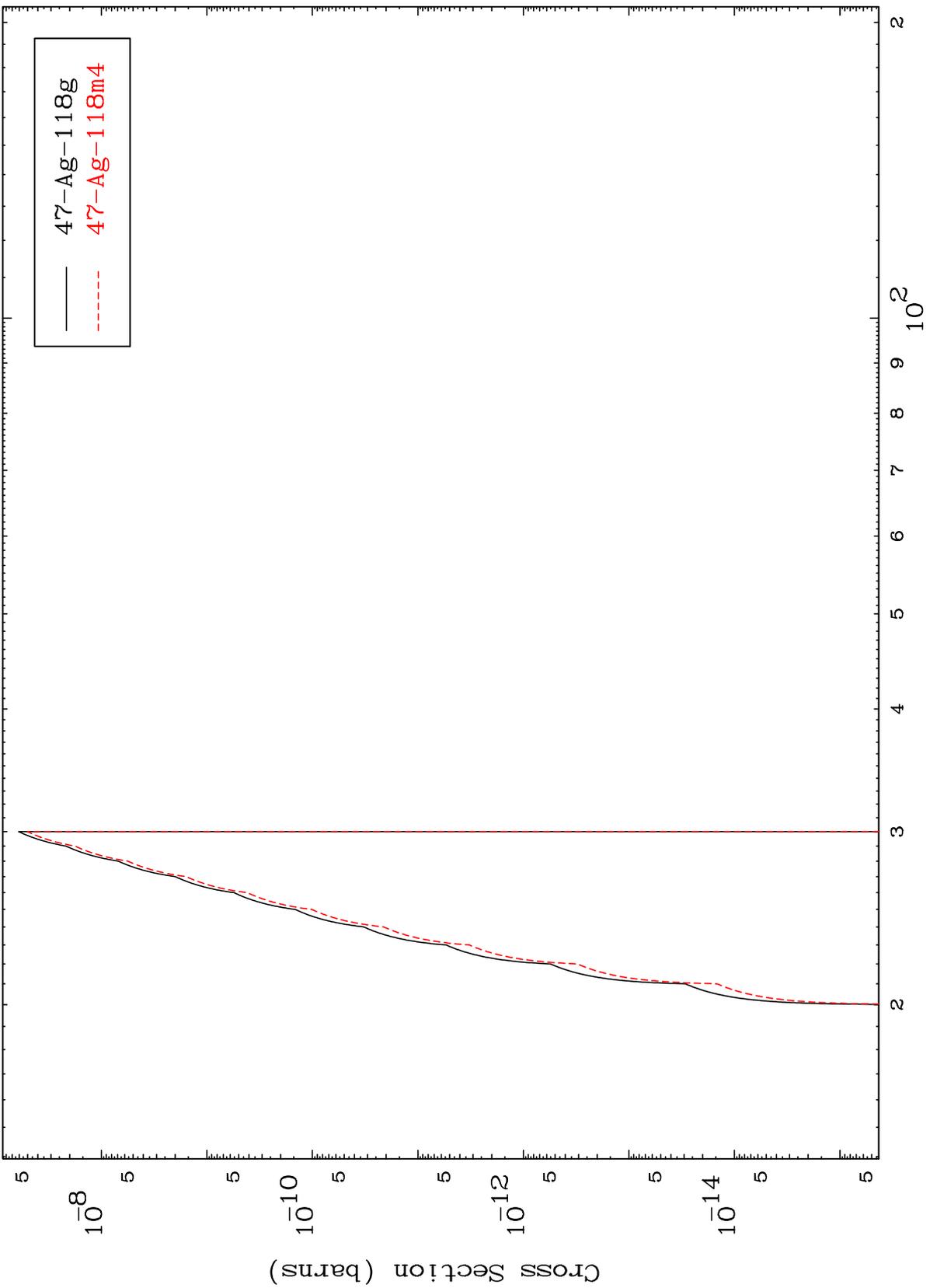
Radionuclide Production Cross Section (n, α)



MAT 4944

49-In-119m

(n,2p)
Radionuclide Production Cross Section



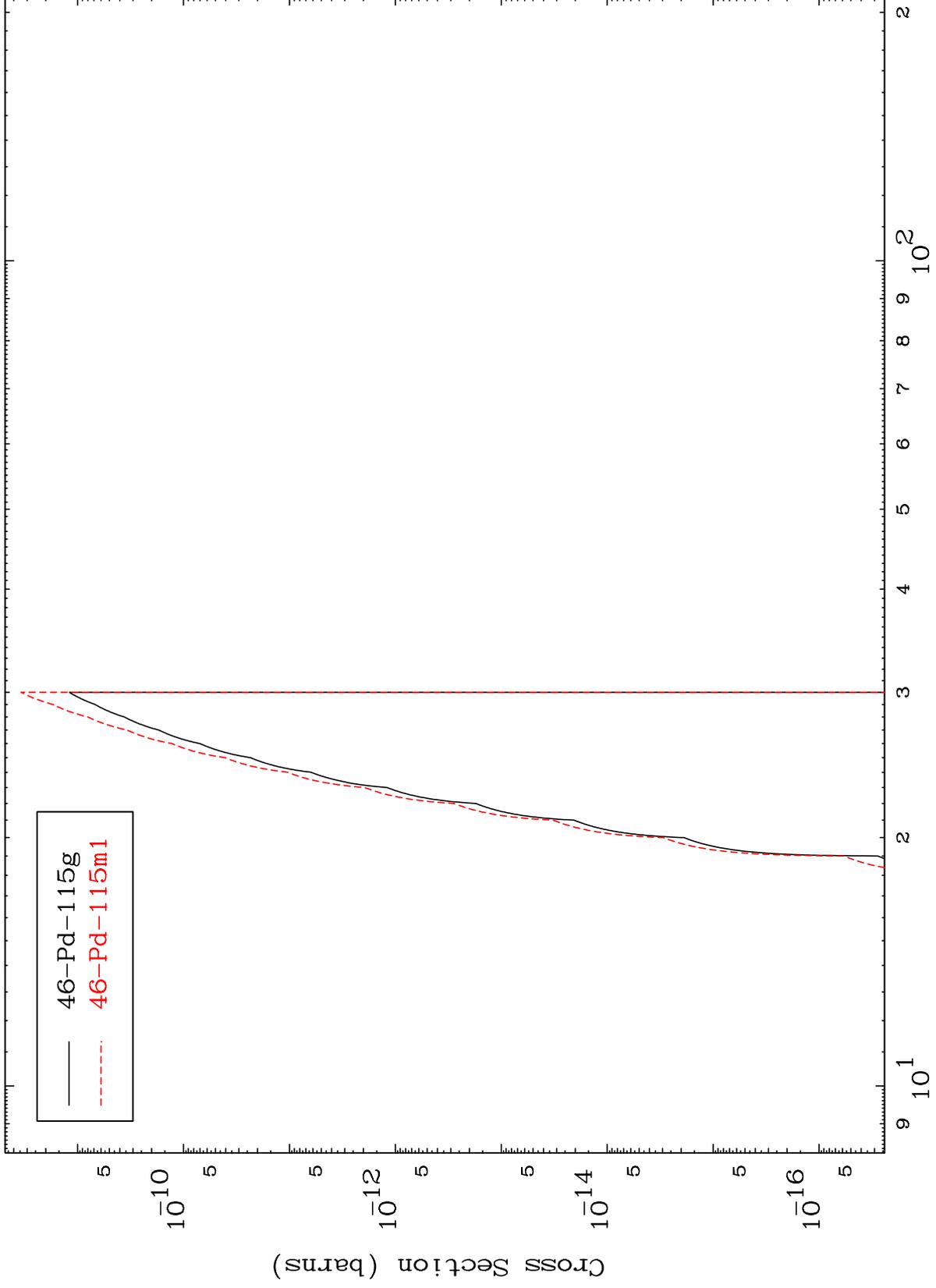
47-Ag-118g
47-Ag-118m4

MAT 4944

(n,p) α

49-In-119m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

49-In-119m