

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

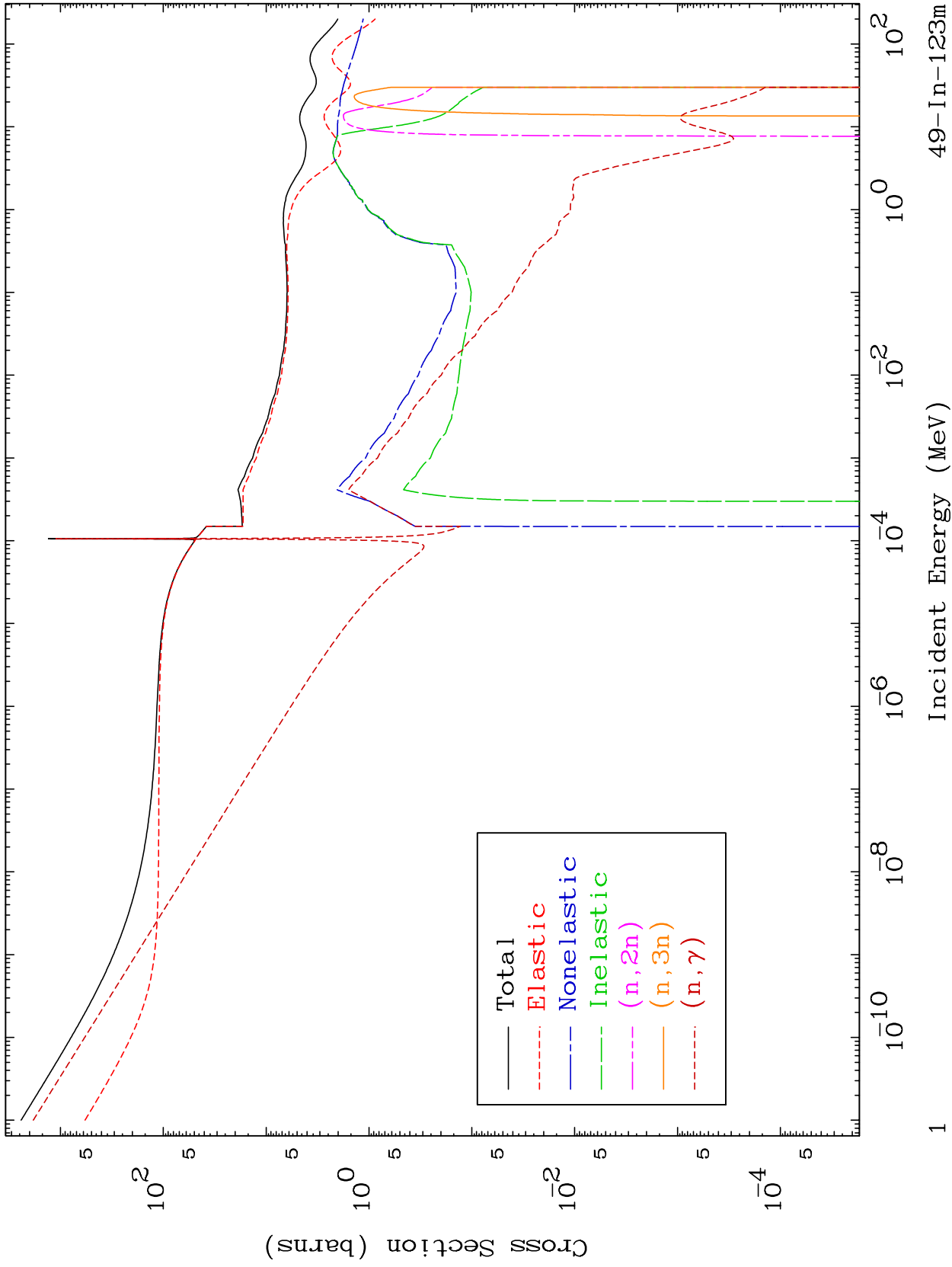
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4956

Neutron Major
293 Kelvin Cross Sections

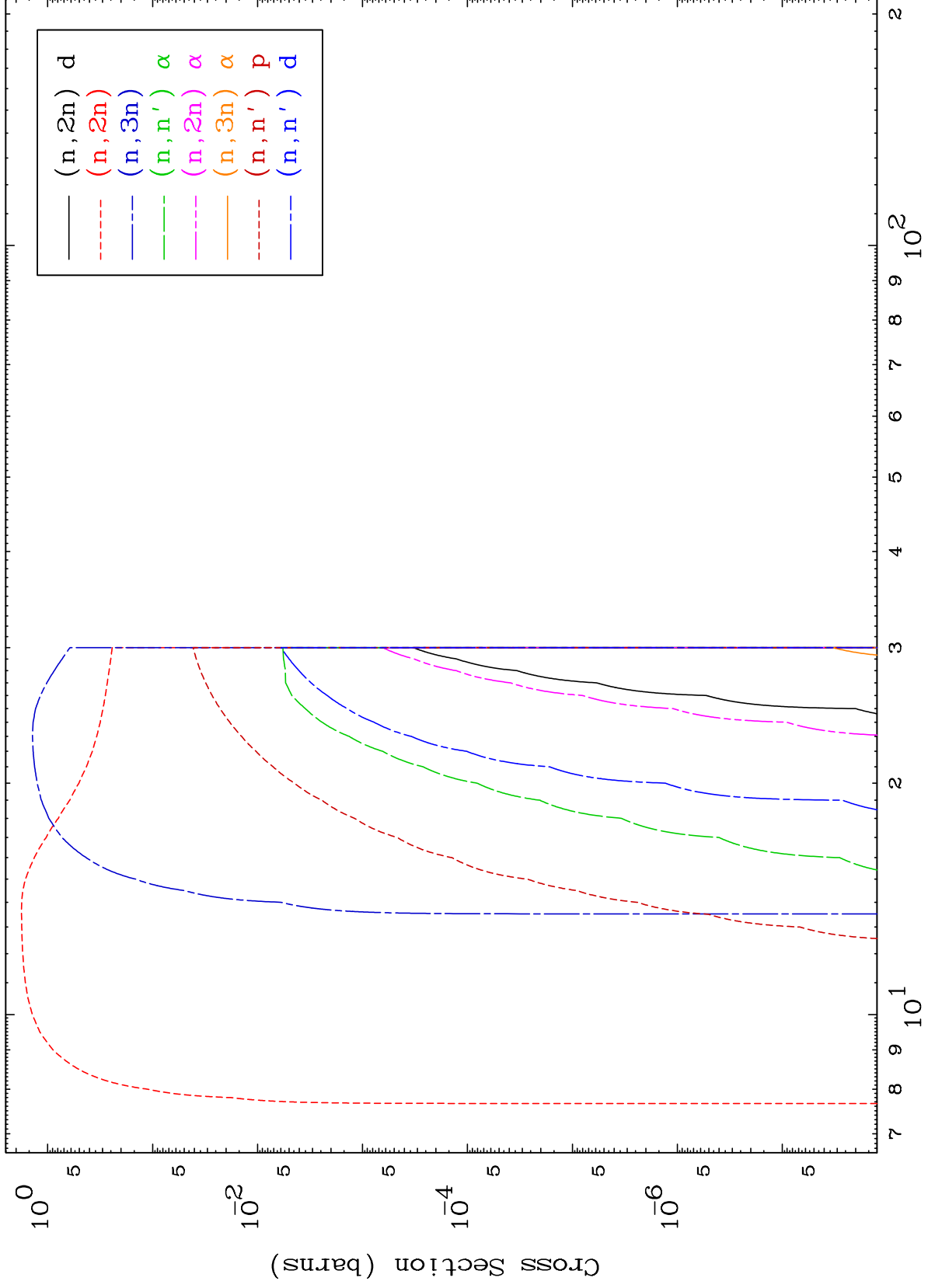
49-In-123m



MAT 4956

Neutron Absorption
293 Kelvin Cross Sections

49-In-123m



2

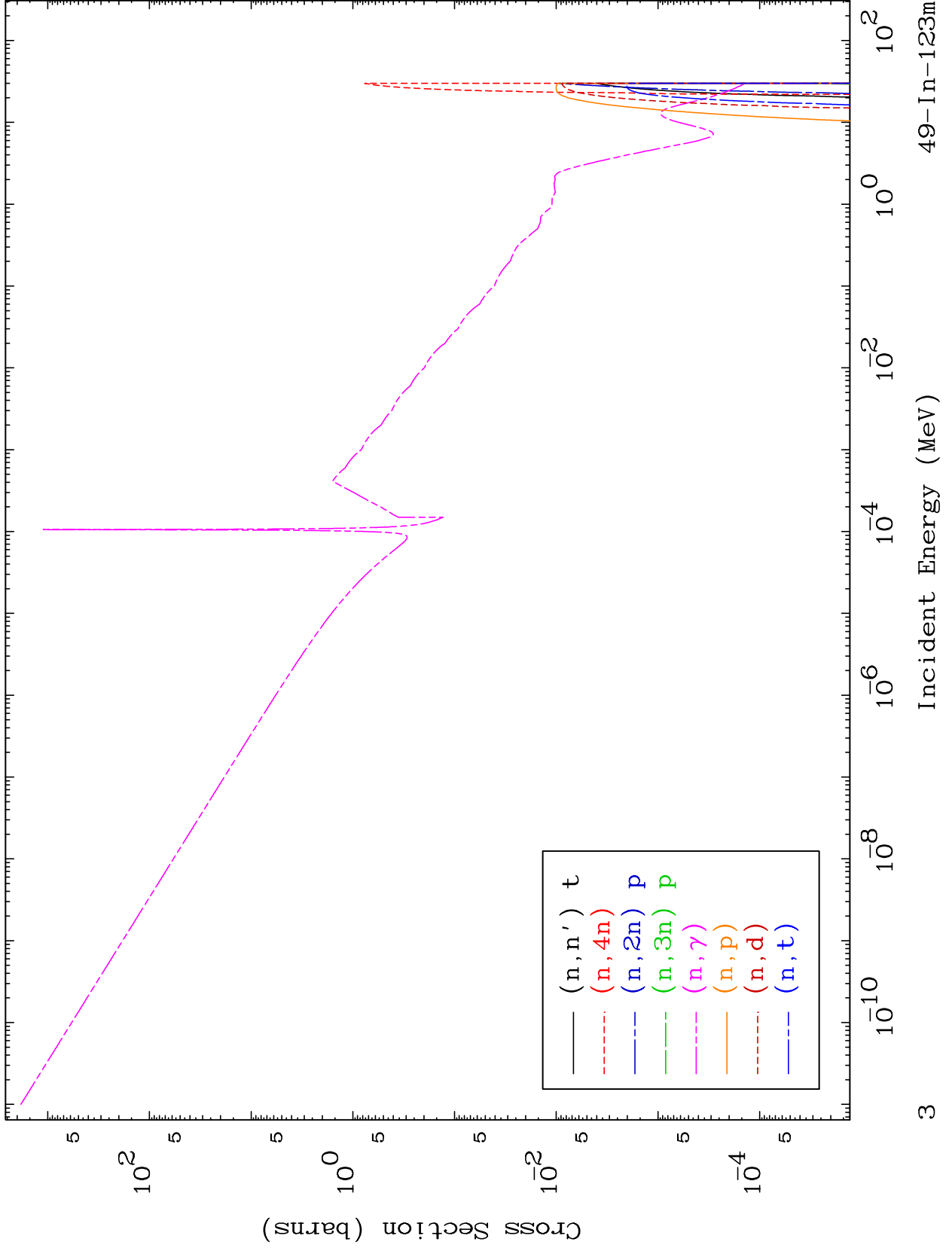
Incident Energy (MeV)

49-In-123m

MAT 4956

Neutron Absorption
293 Kelvin Cross Sections

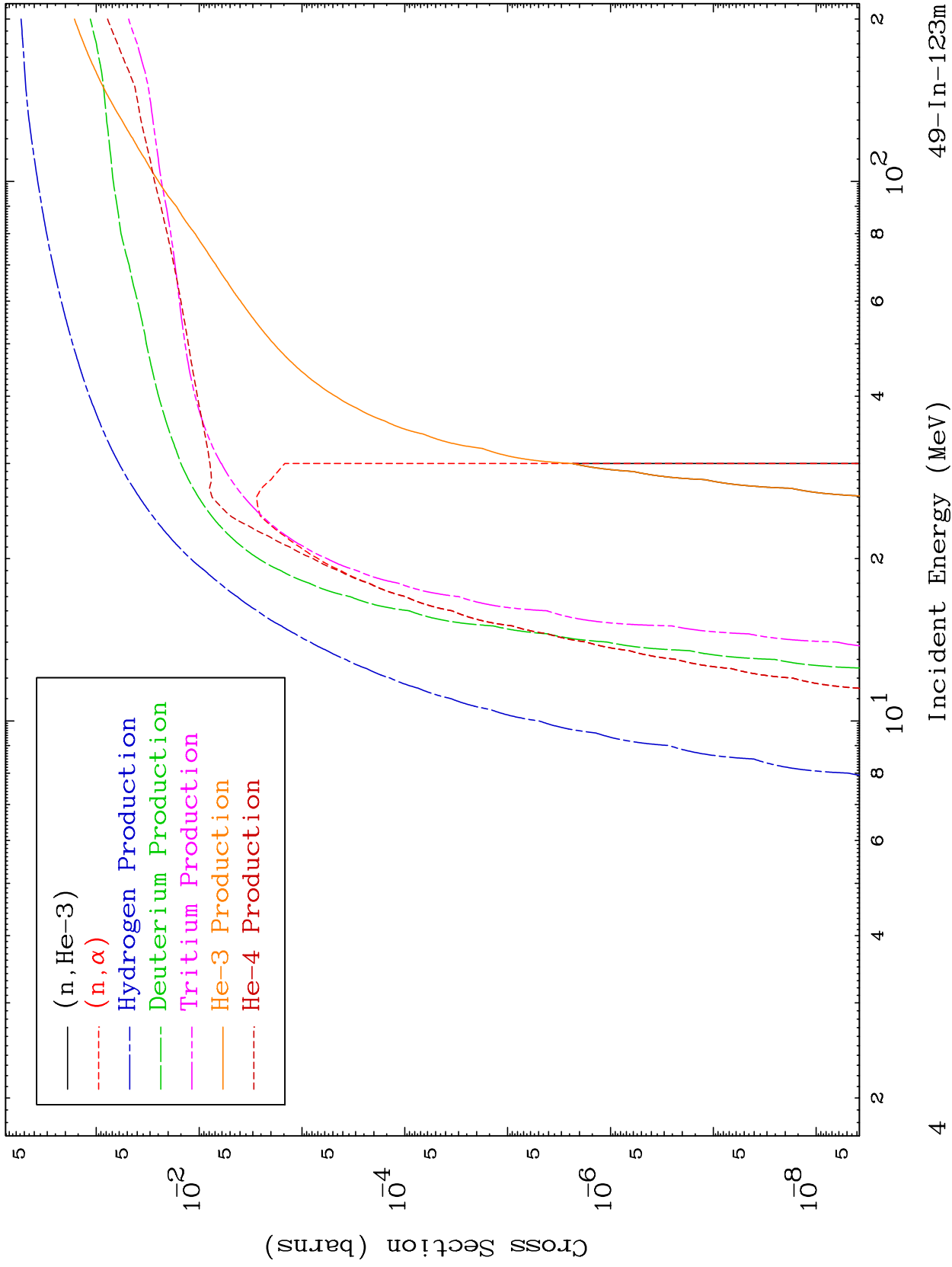
49-In-123m

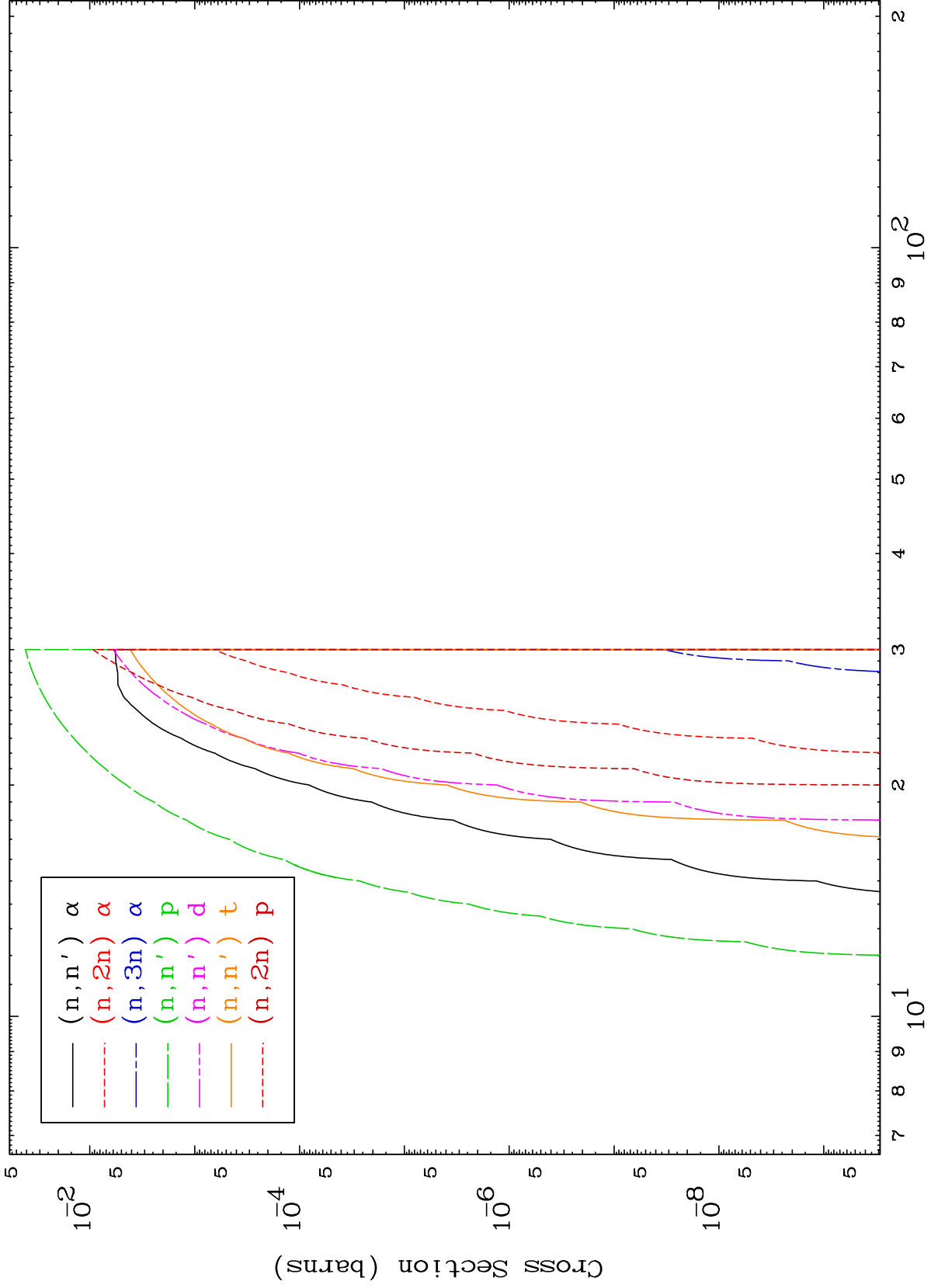


MAT 4956

Neutron Absorption
293 Kelvin Cross Sections

49-In-123m

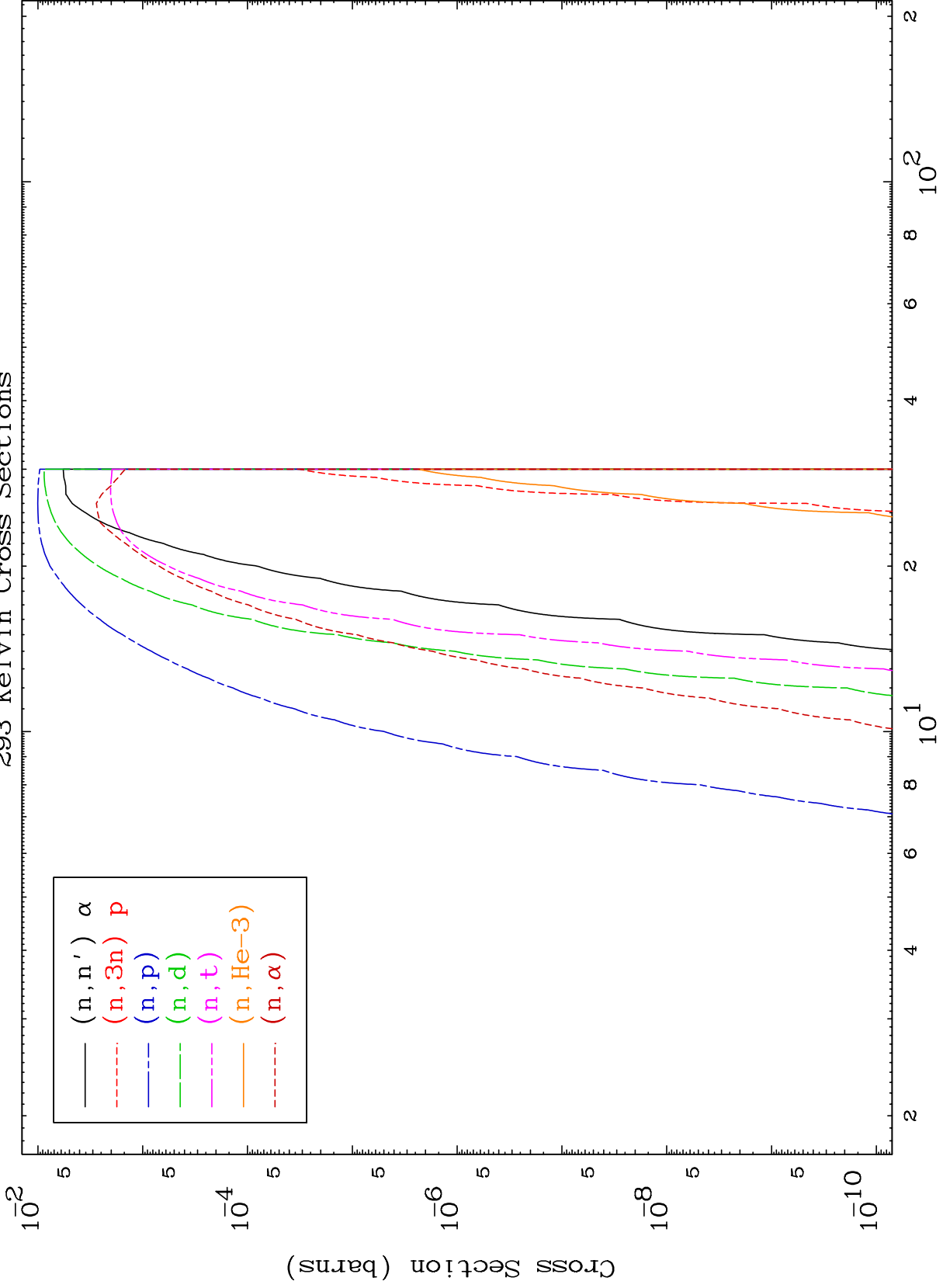




MAT 4956

Charged Particle
293 Kelvin Cross Sections

49-In-123m



6

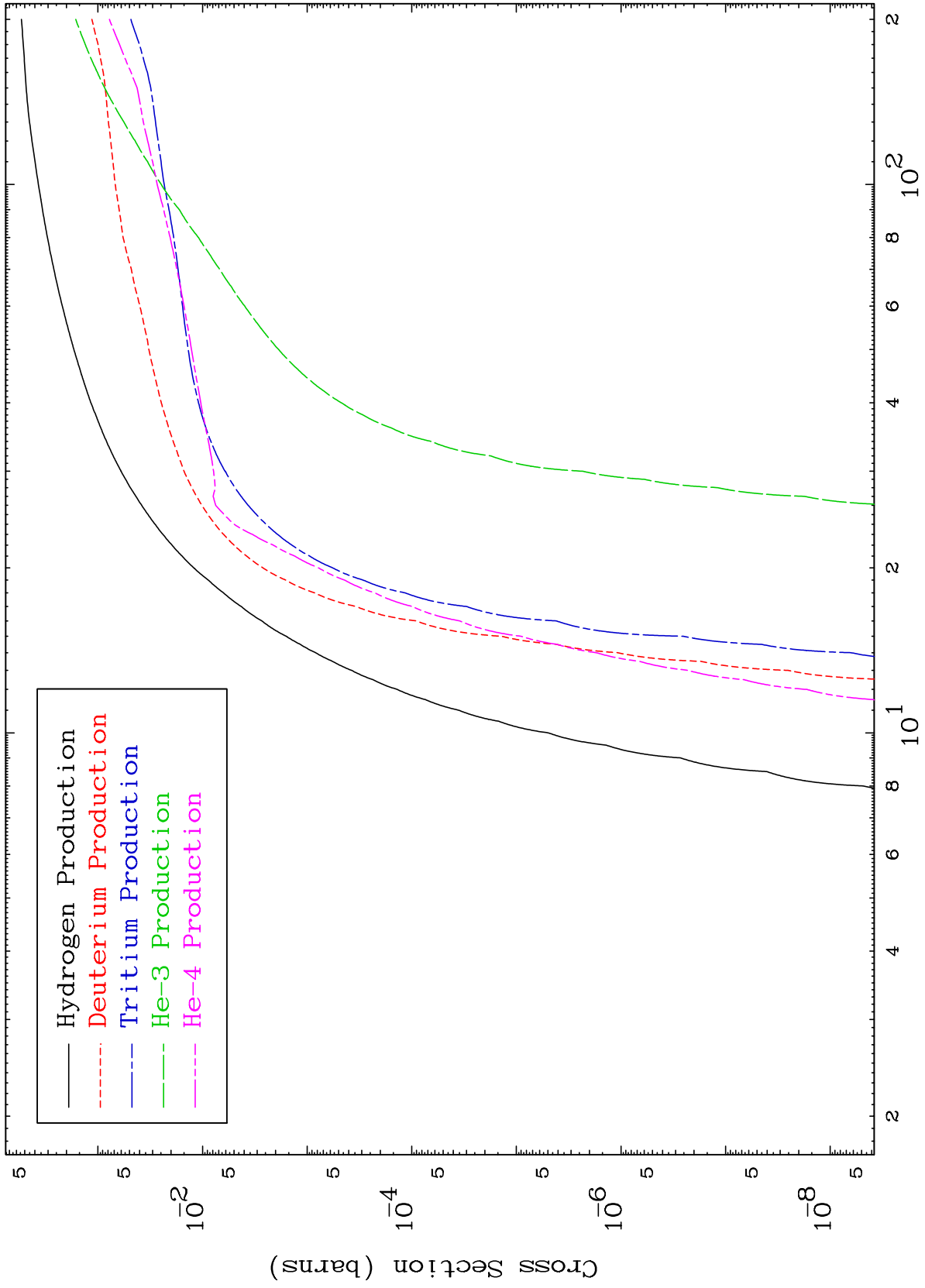
Incident Energy (MeV)

49-In-123m

MAT 4956

Particle Production
293 Kelvin Cross Sections

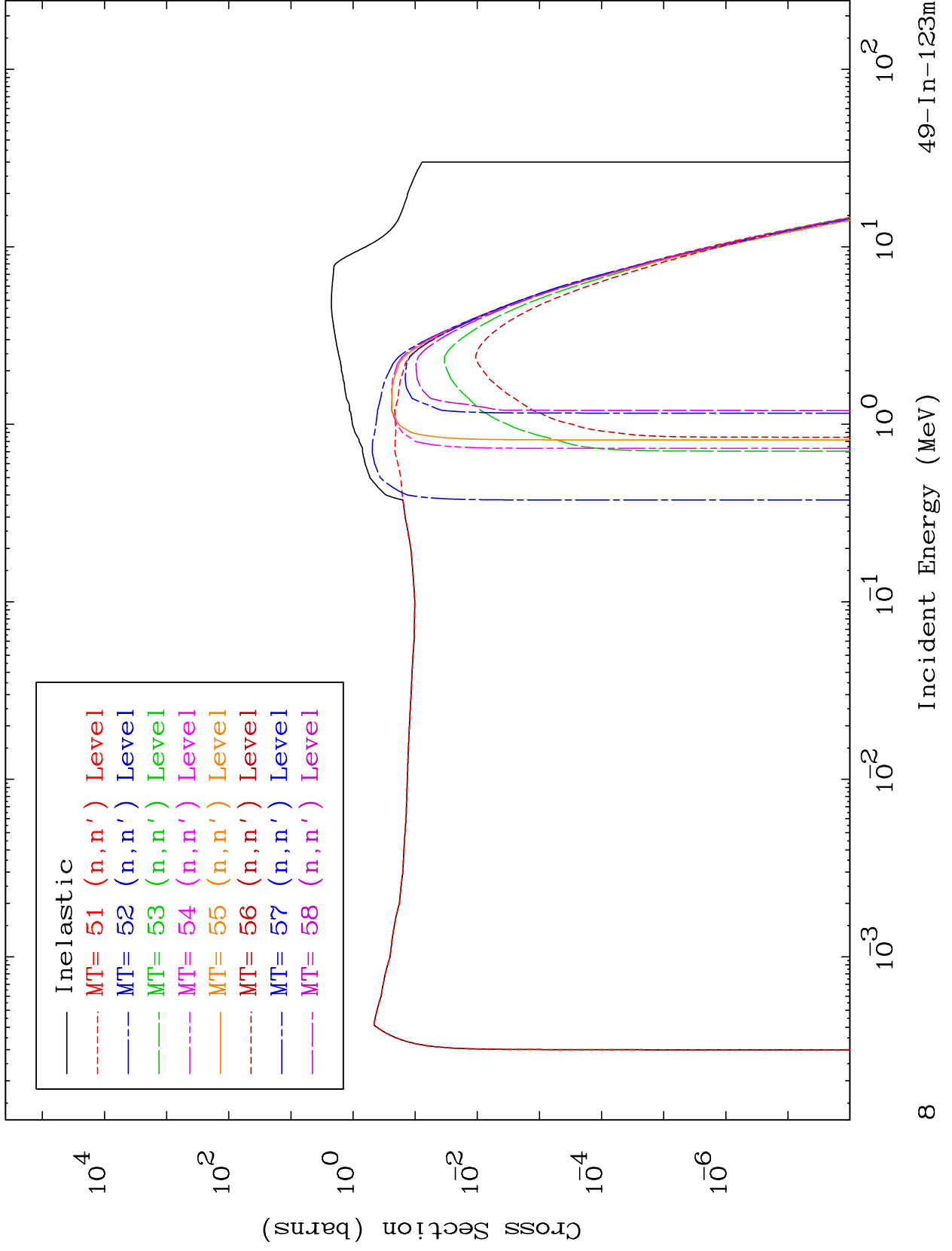
49-In-123m



MAT 4956

(n,n') Levels
293 Kelvin Cross Sections

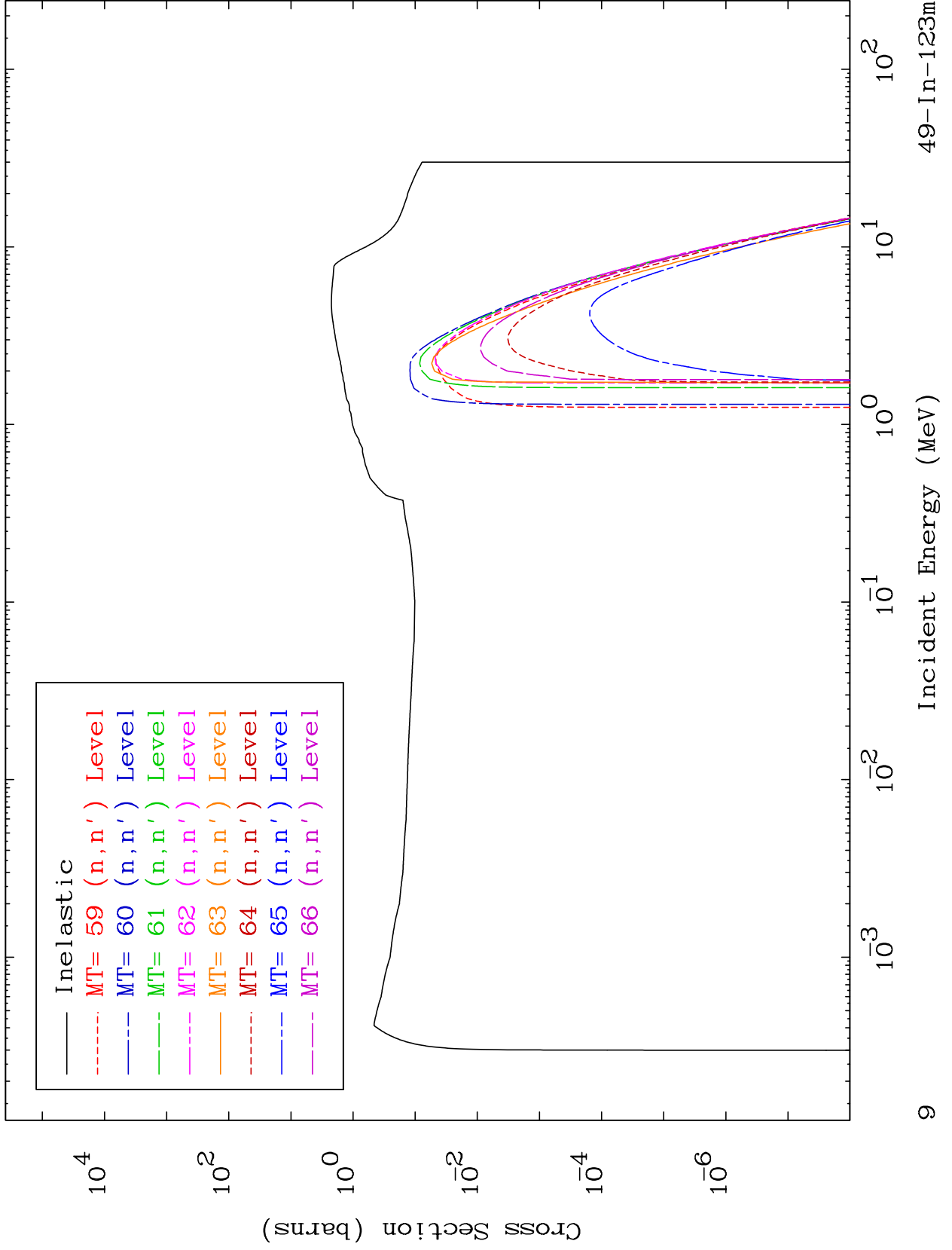
49-In-123m



MAT 4956

(n,n') Levels
293 Kelvin Cross Sections

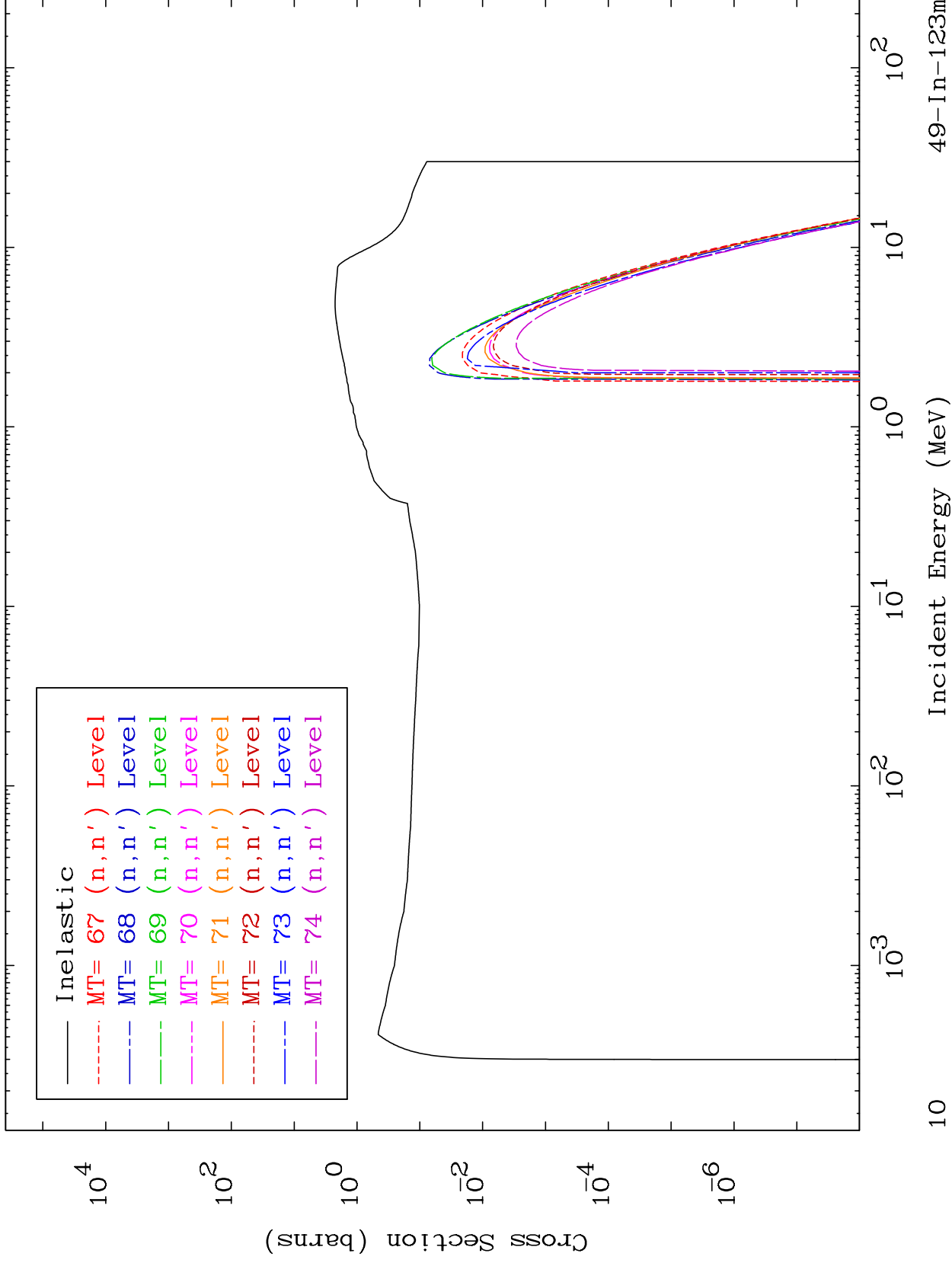
49-In-123m



MAT 4956

(n,n') Levels
293 Kelvin Cross Sections

49-In-123m



10

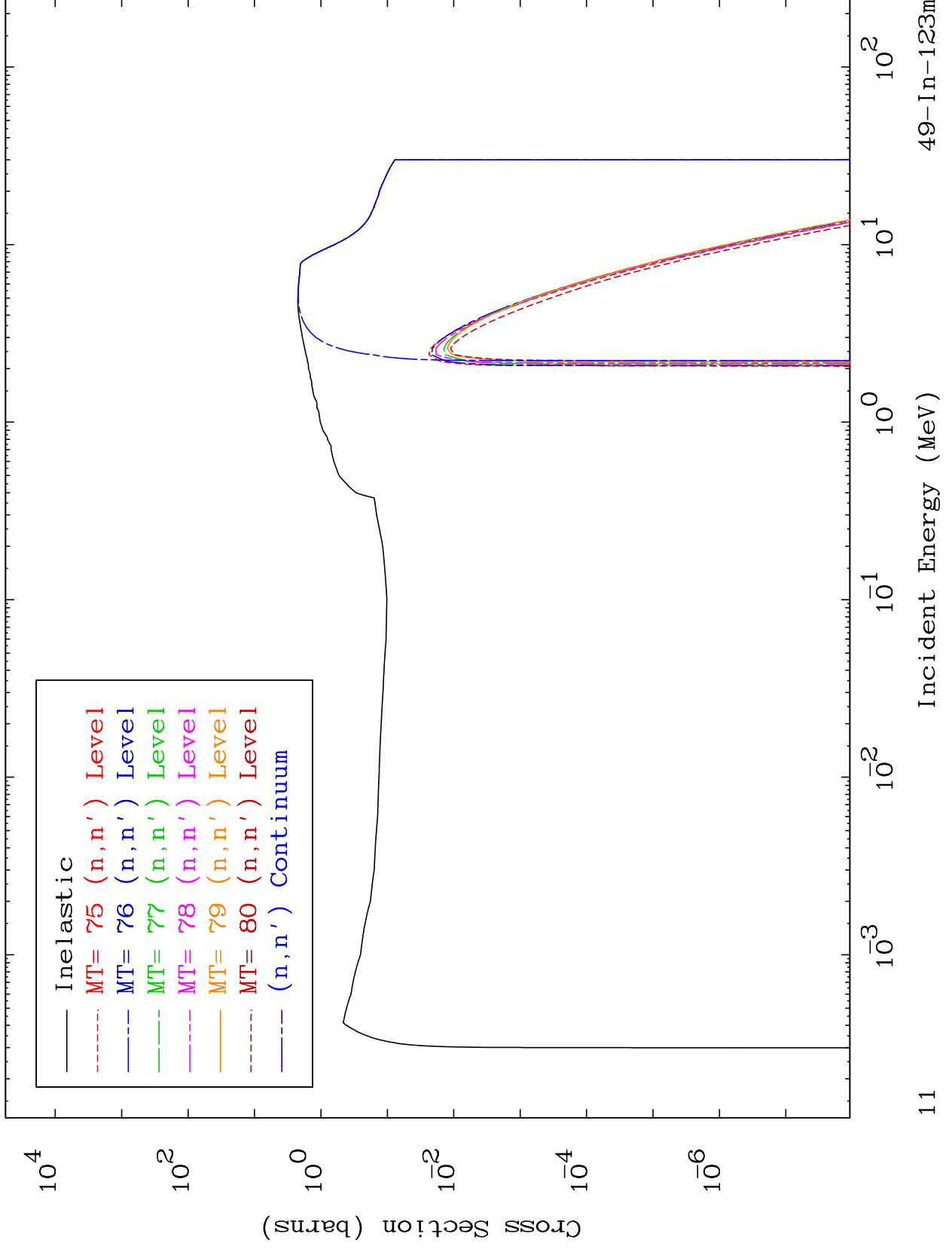
Incident Energy (MeV)

49-In-123m

MAT 4956

(n,n') Levels
293 Kelvin Cross Sections

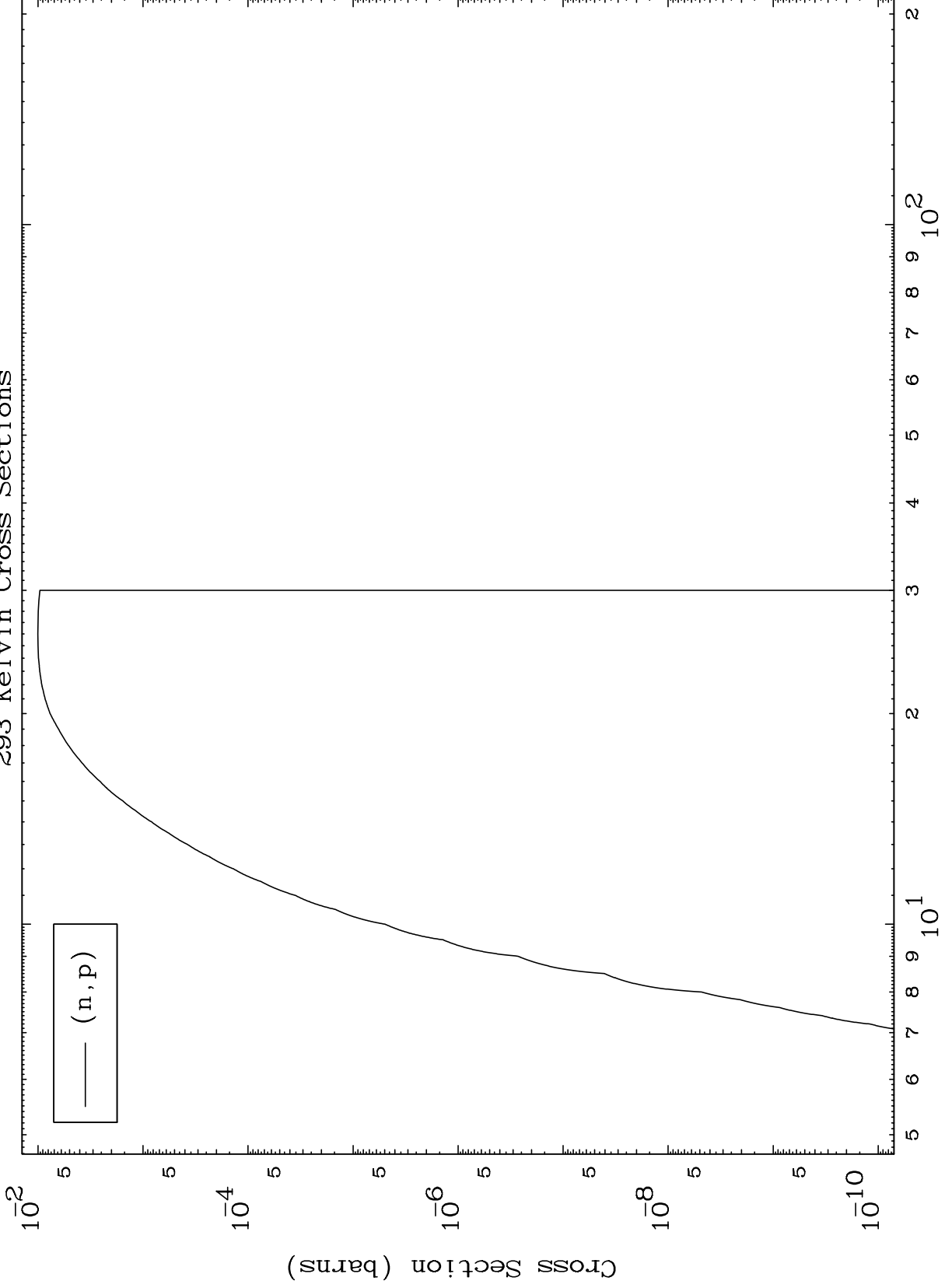
49-In-123m



MAT 4956

(n,p) Levels
293 Kelvin Cross Sections

49-In-123m



12

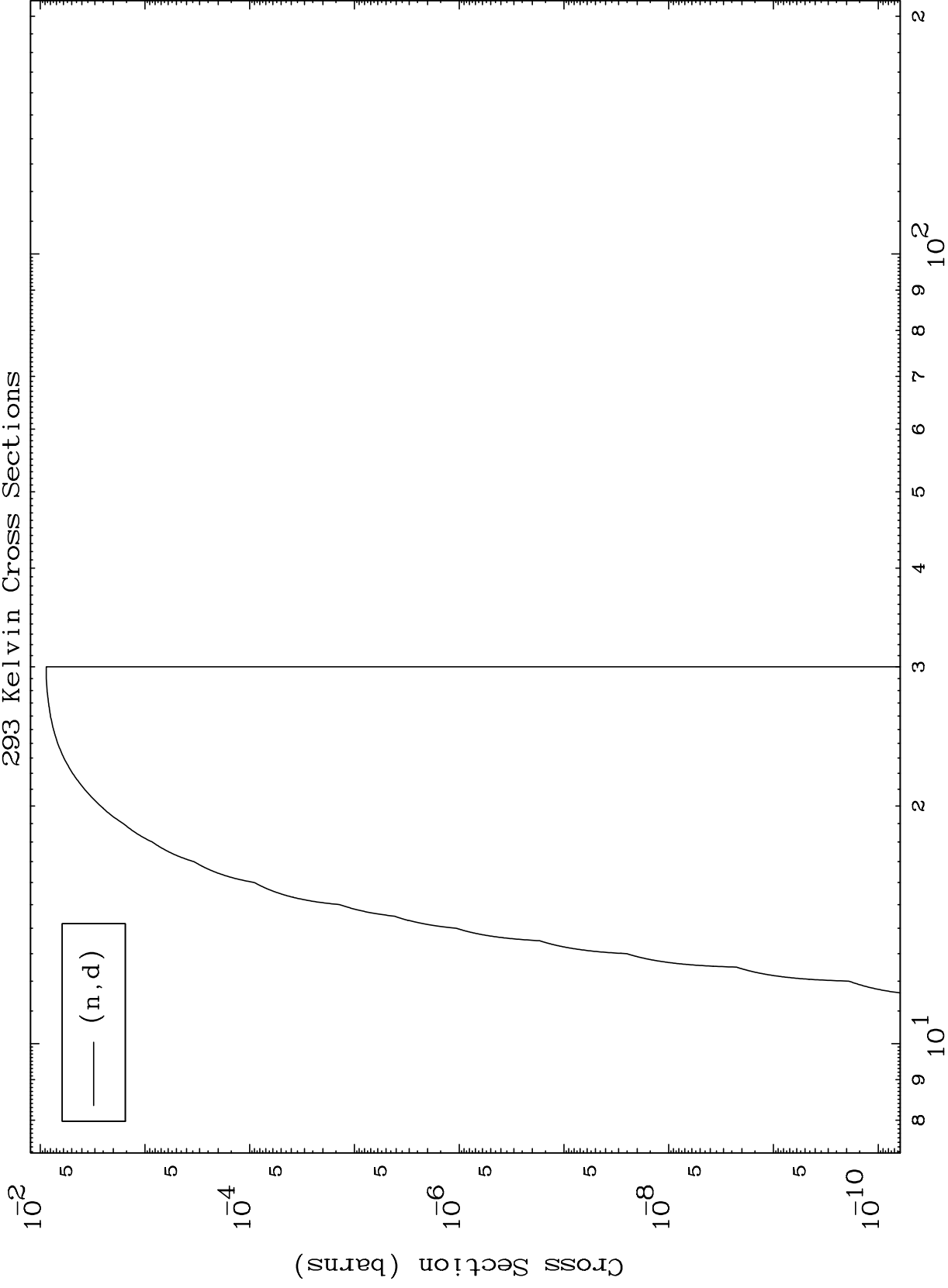
Incident Energy (MeV)

49-In-123m

MAT 4956

(n,d) Levels
293 Kelvin Cross Sections

49-In-123m



13

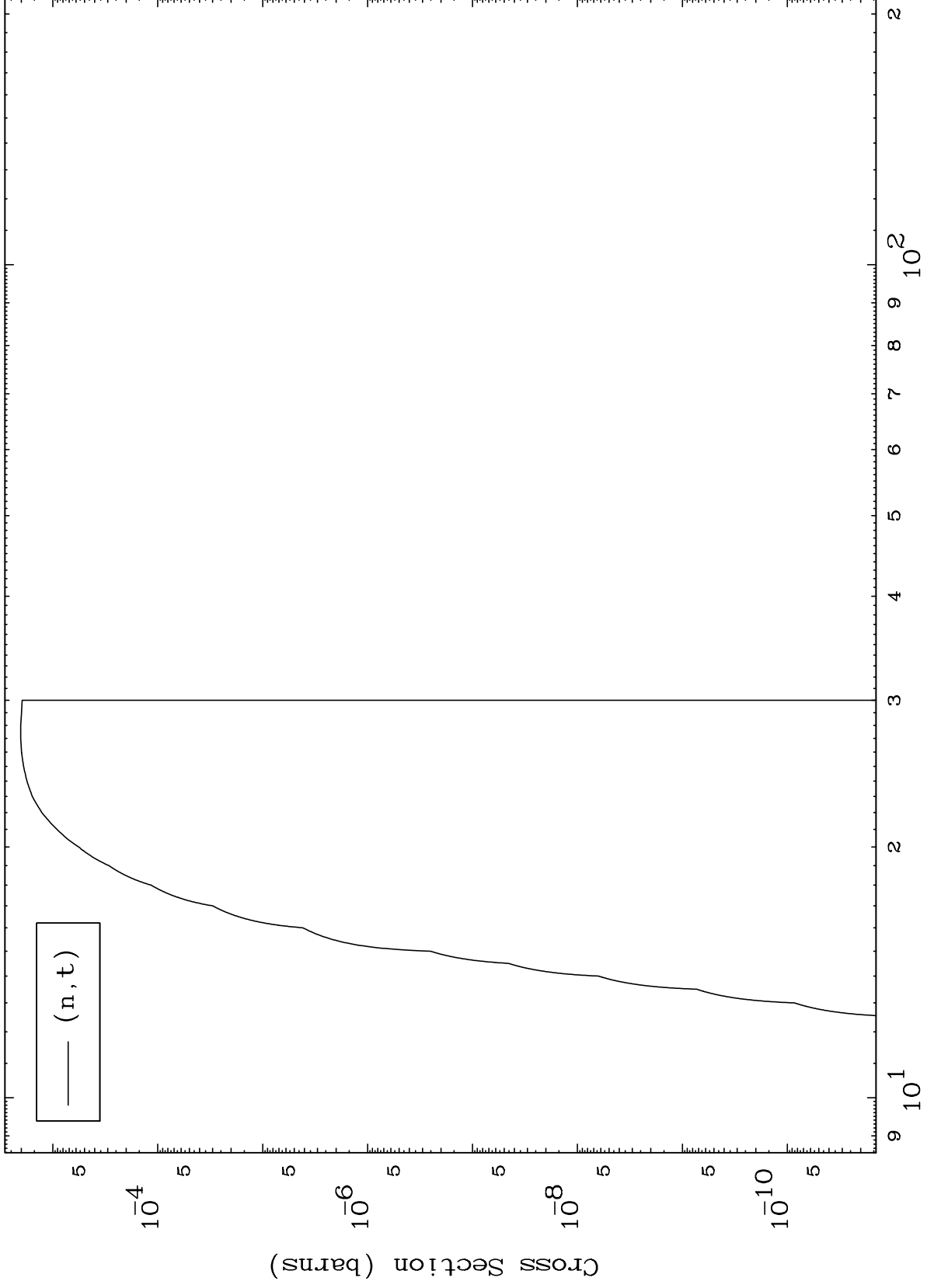
Incident Energy (MeV)

49-In-123m

MAT 4956

(n,t) Levels
293 Kelvin Cross Sections

49-In-123m



14

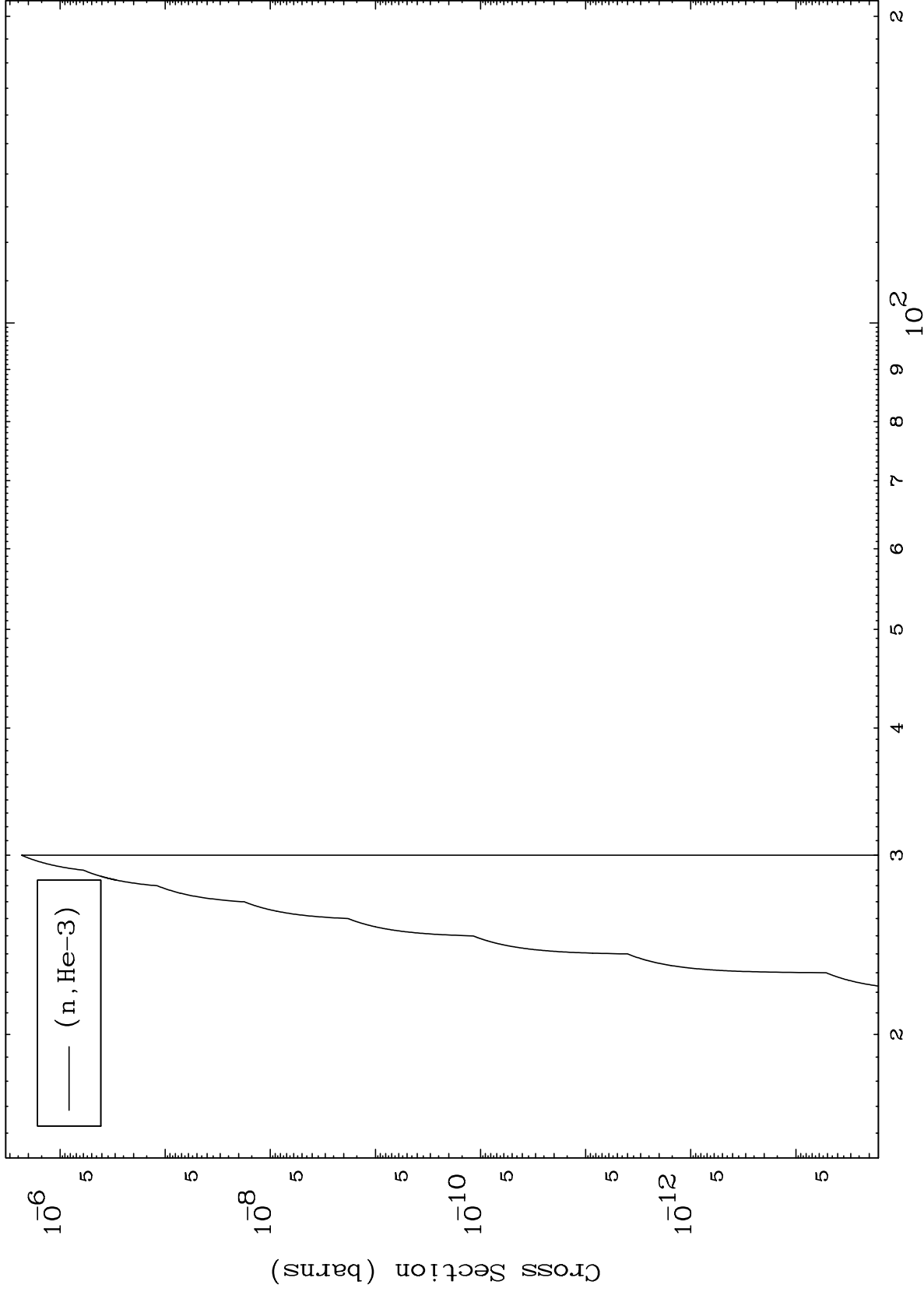
Incident Energy (MeV)

49-In-123m

MAT 4956

(n,He3) Levels
293 Kelvin Cross Sections

49-In-123m



15

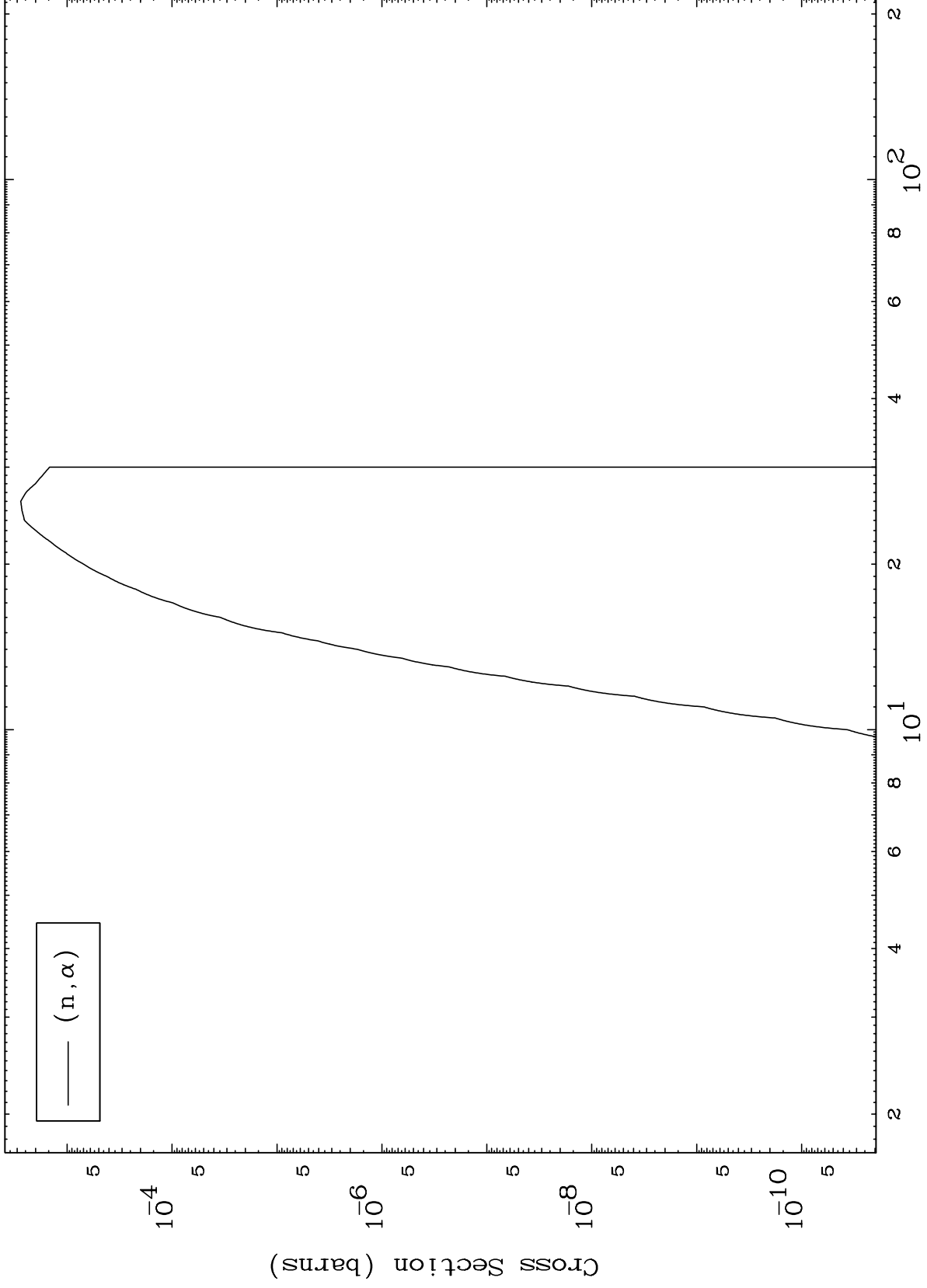
Incident Energy (MeV)

49-In-123m

MAT 4956

(n, α) Levels
293 Kelvin Cross Sections

49-In-123m



16

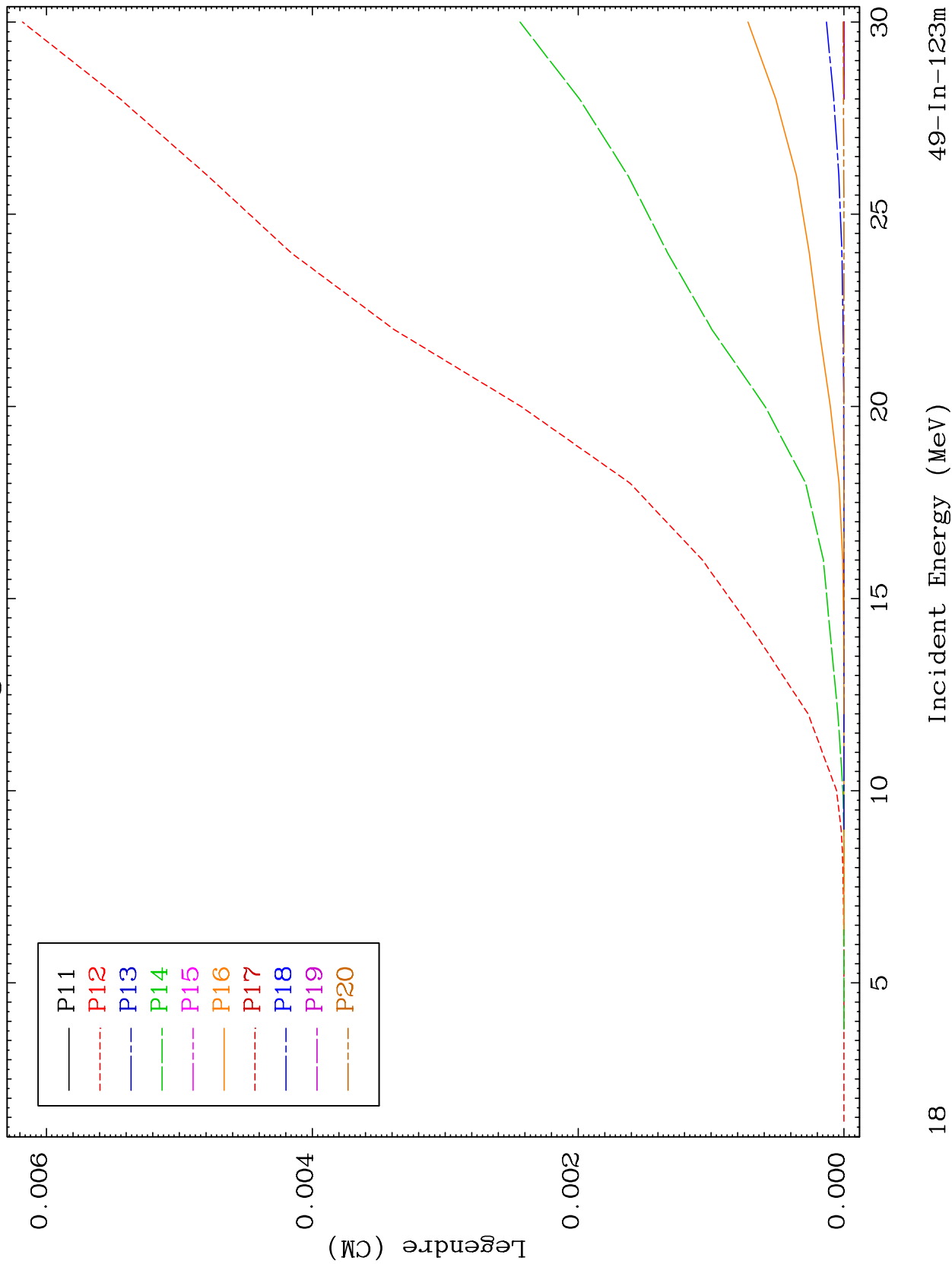
Incident Energy (MeV)

49-In-123m

MAT 4956

Elastic Legendre Coefficients

49-In-123m



18

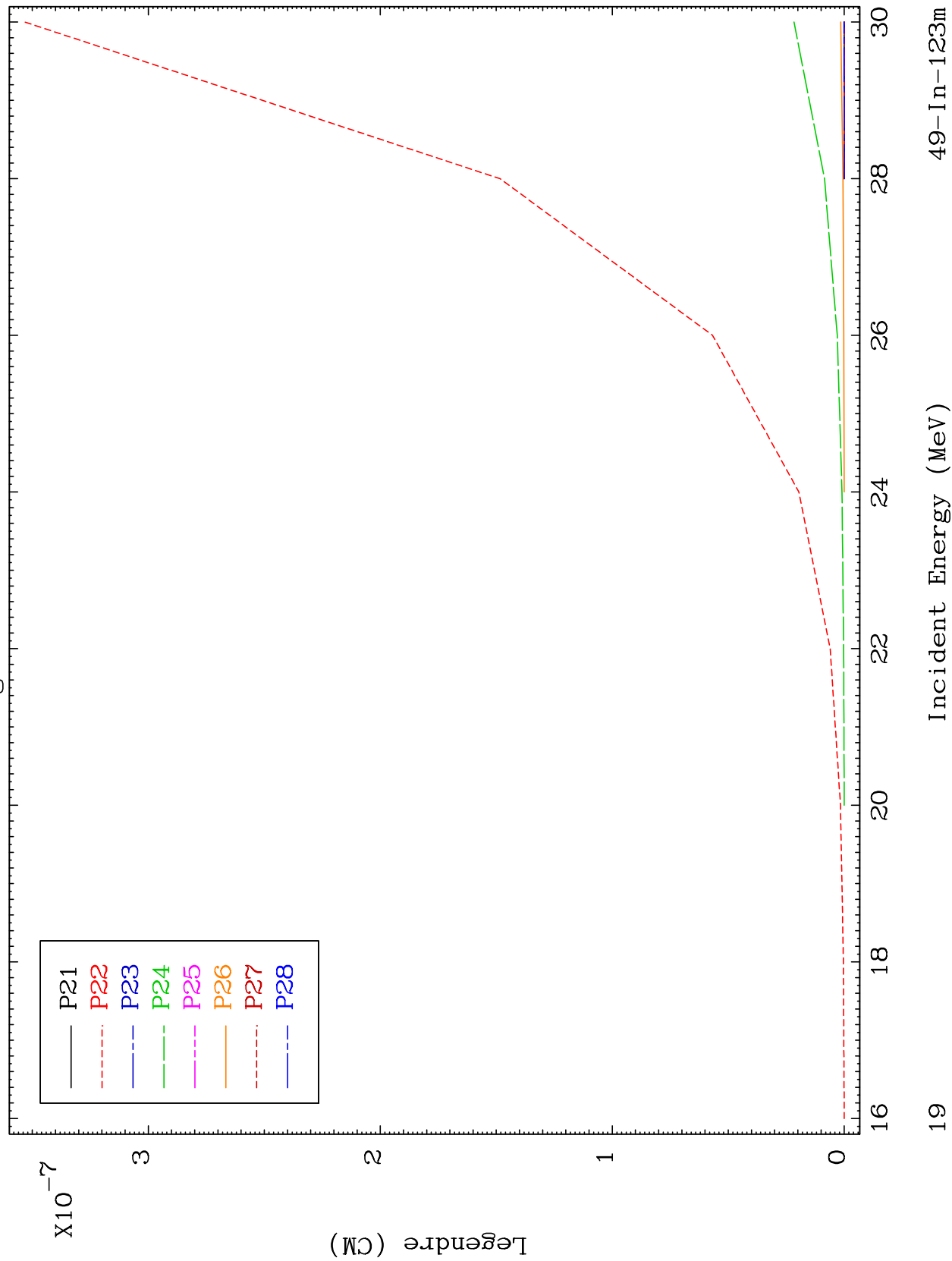
49-In-123m

Incident Energy (MeV)

MAT 4956

Elastic Legendre Coefficients

49-In-123m



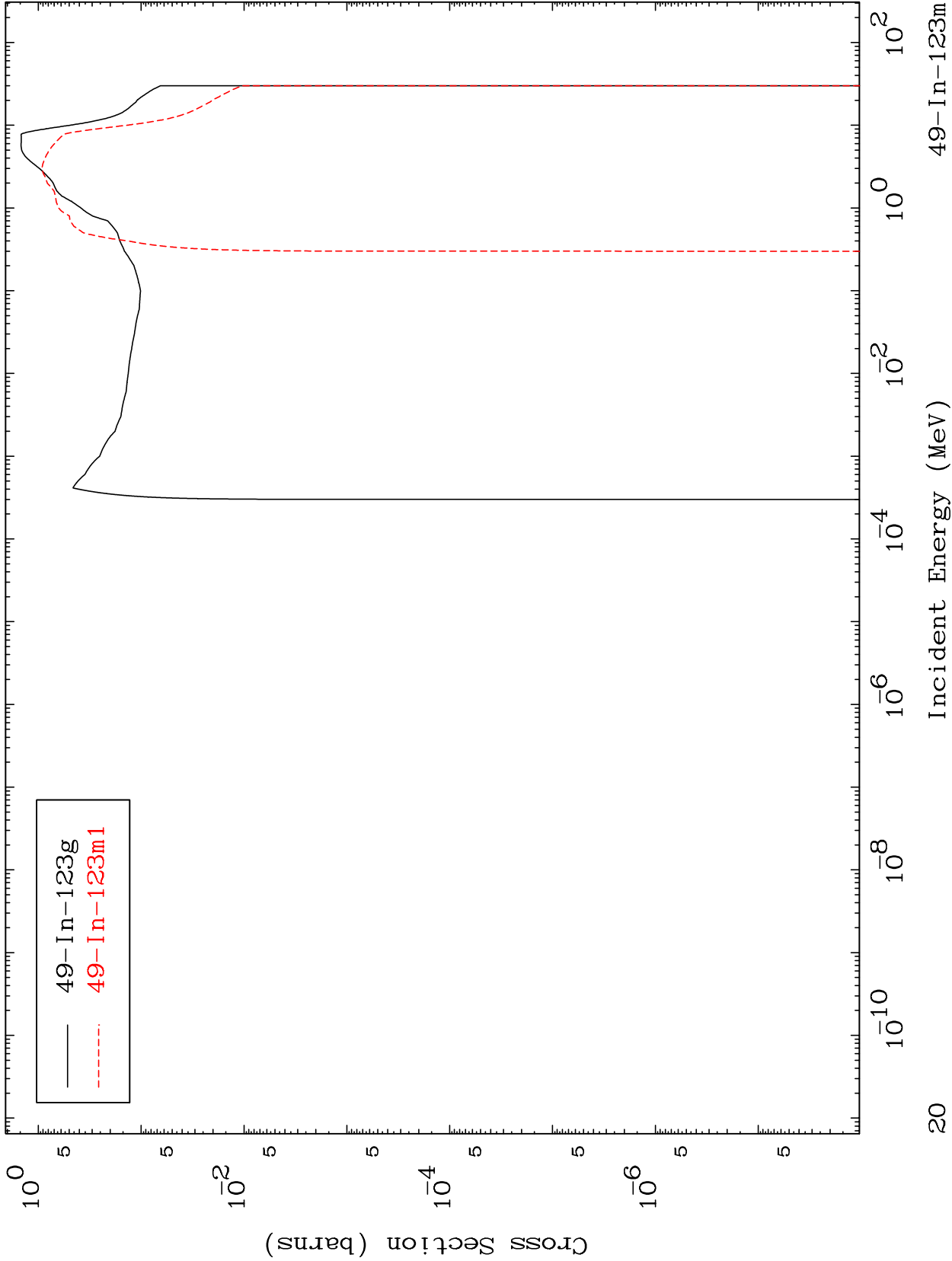
19

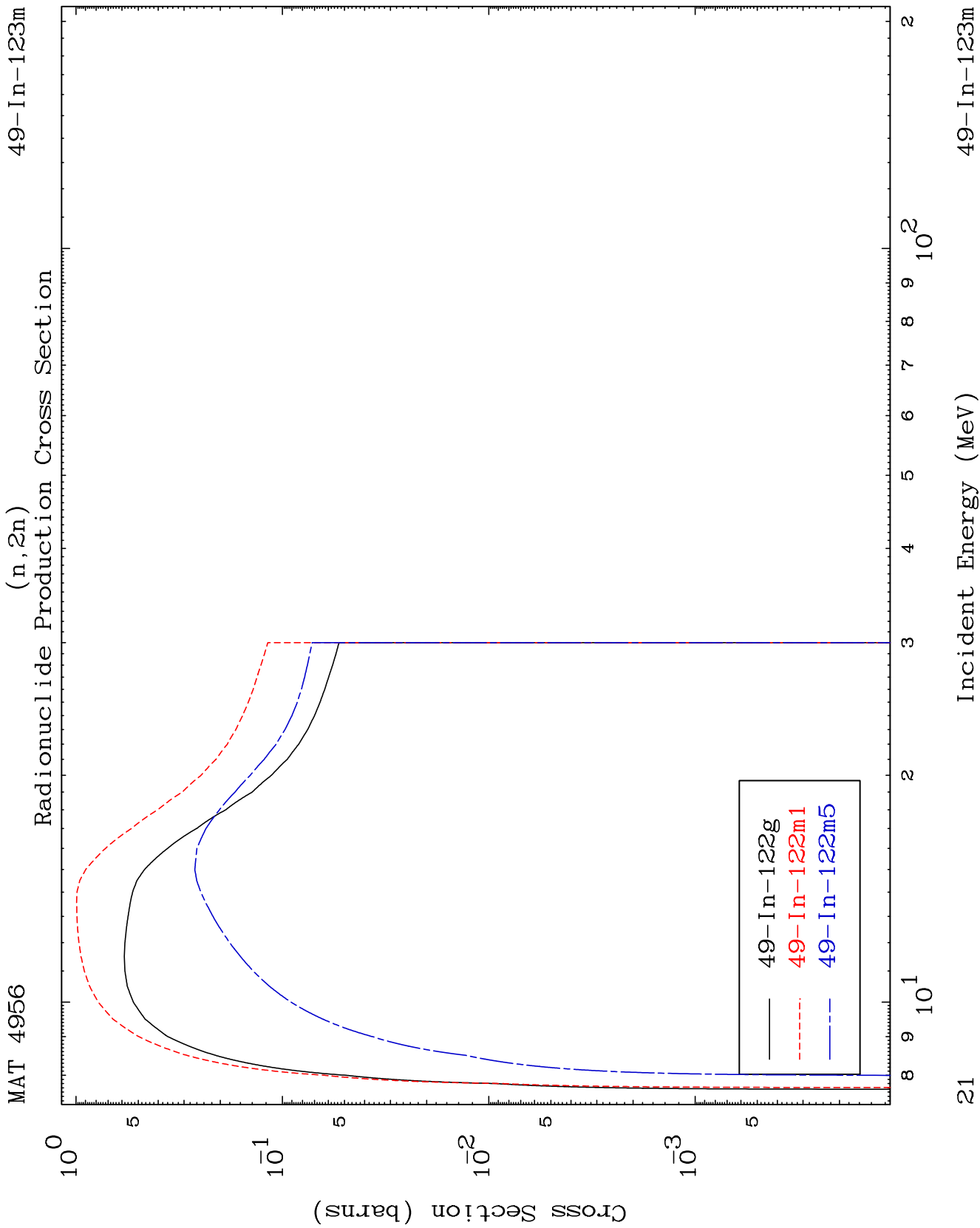
49-In-123m

MAT 4956

Inelastic
Radionuclide Production Cross Section

49-In-123m



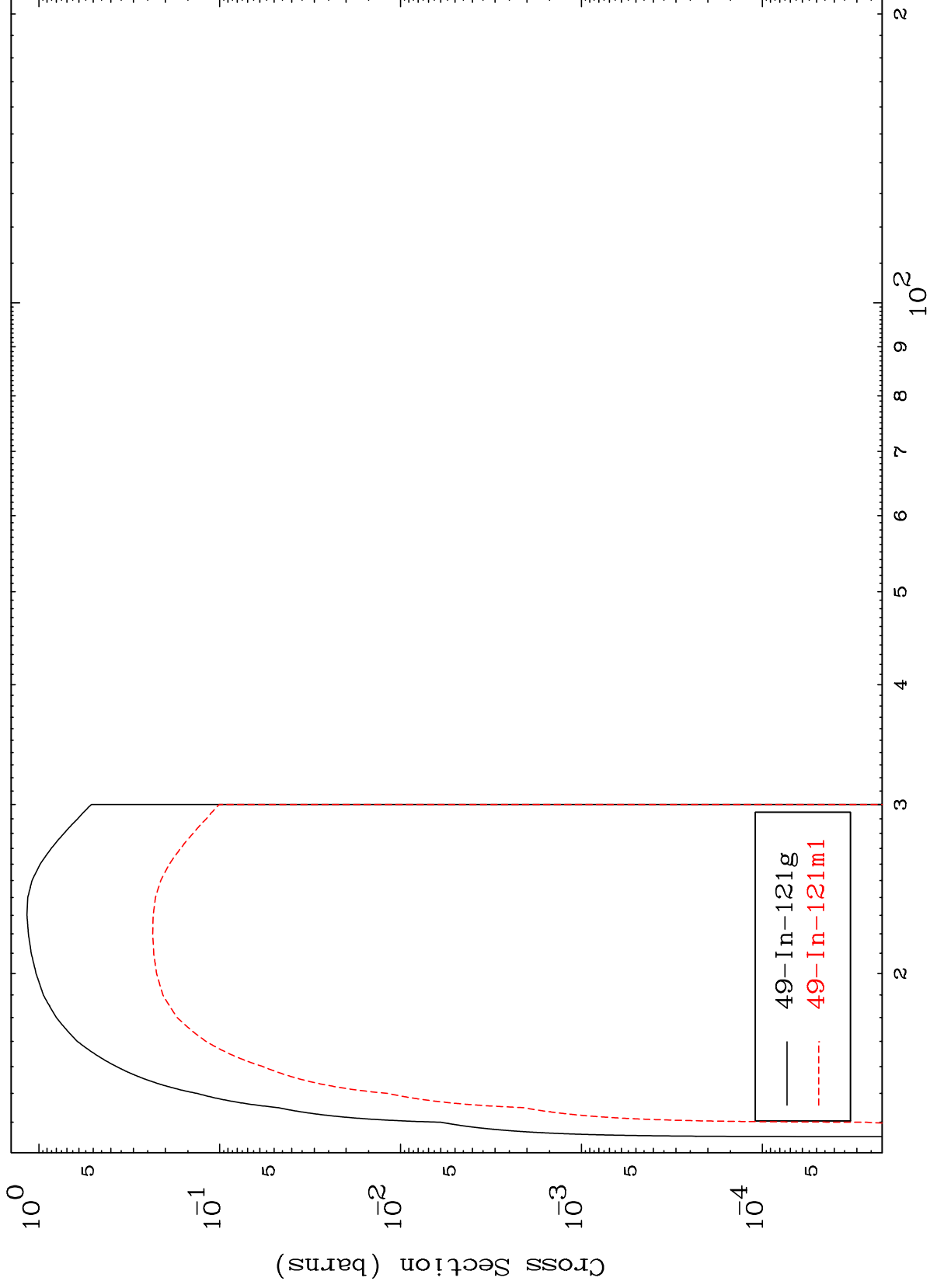


MAT 4956

(n,3n)

49-In-123m

Radionuclide Production Cross Section

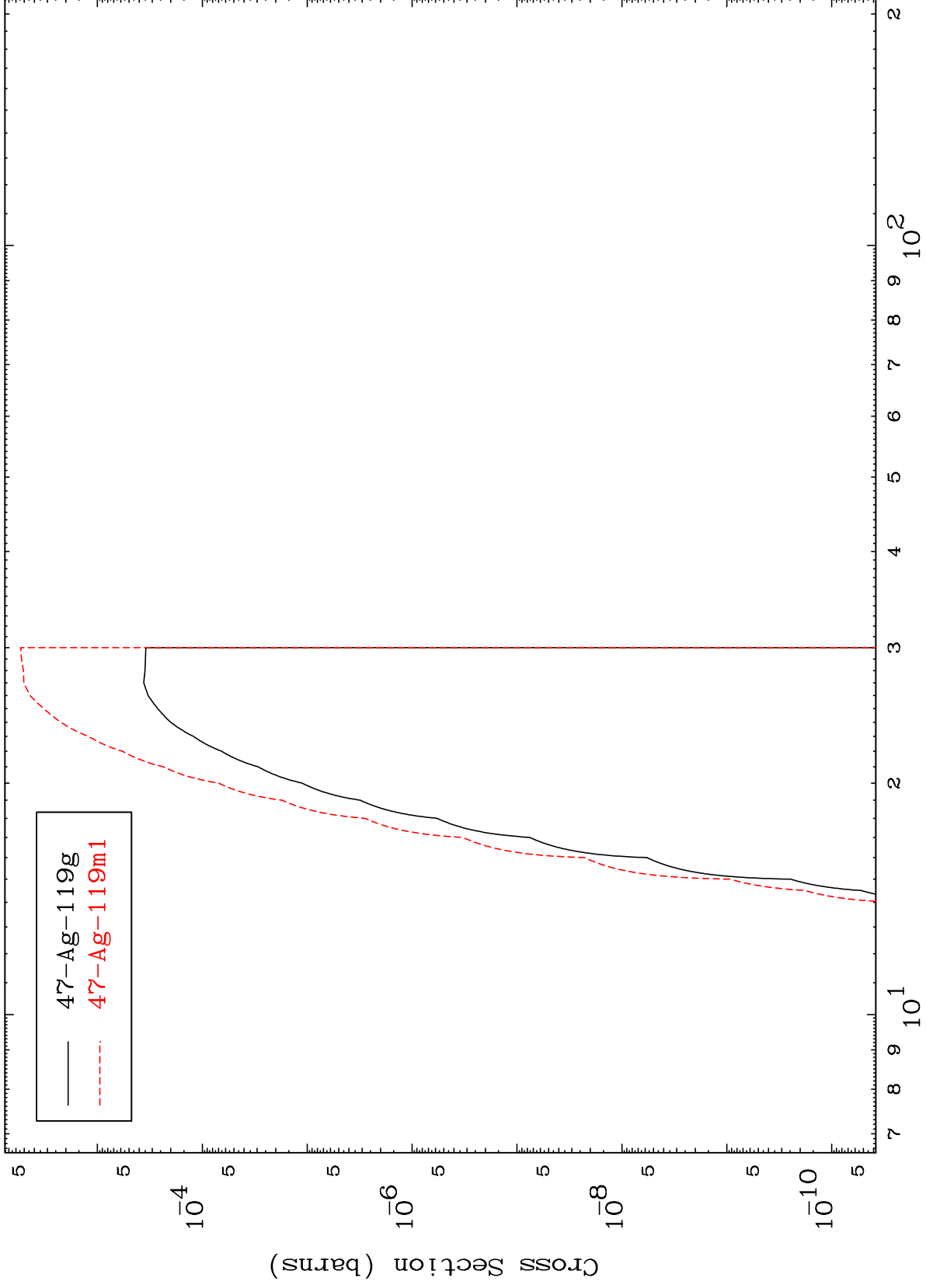


MAT 4956

(n,n') α

49-In-123m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

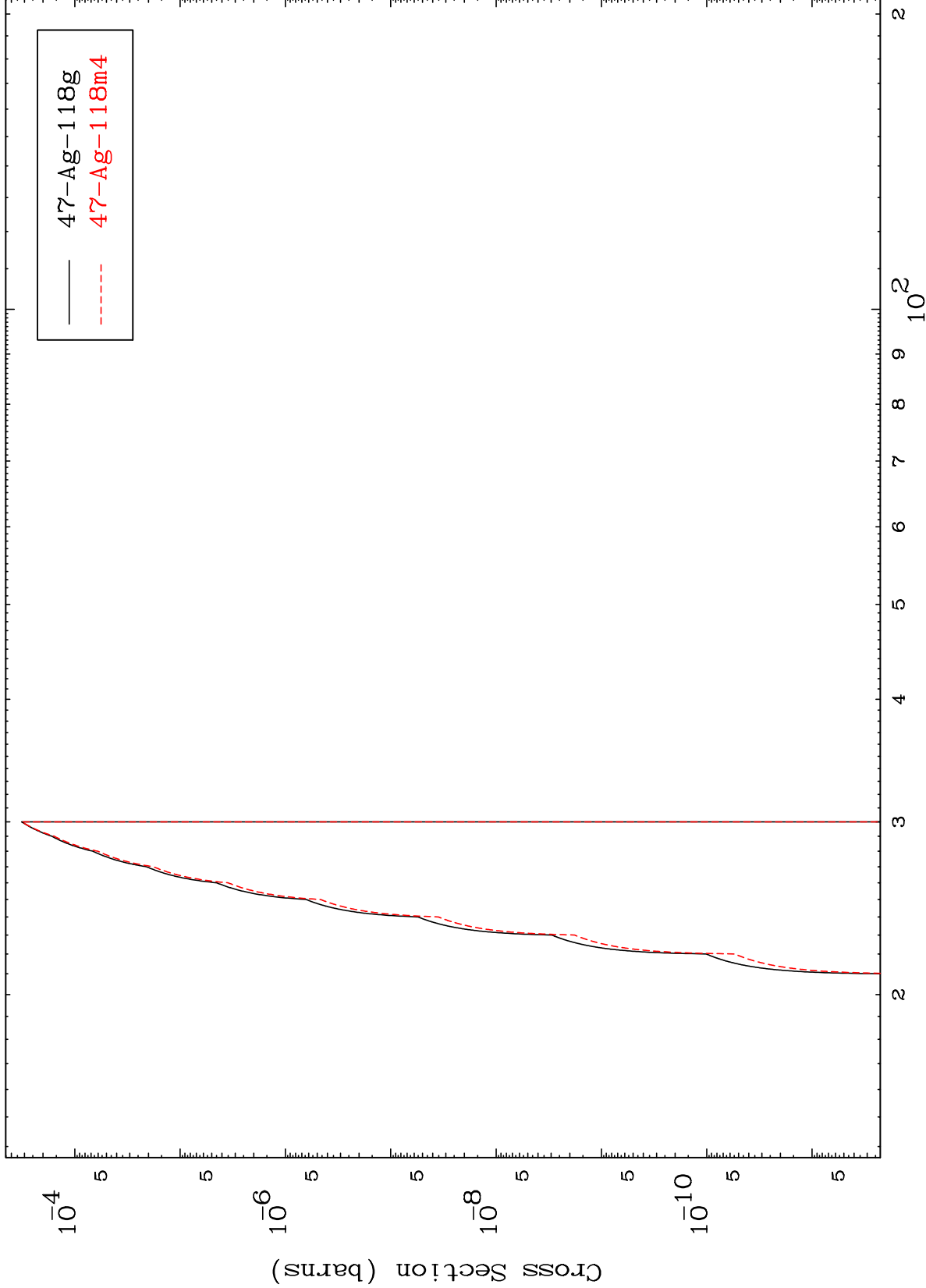
49-In-123m

MAT 4956

(n,2n) α

49-In-123m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

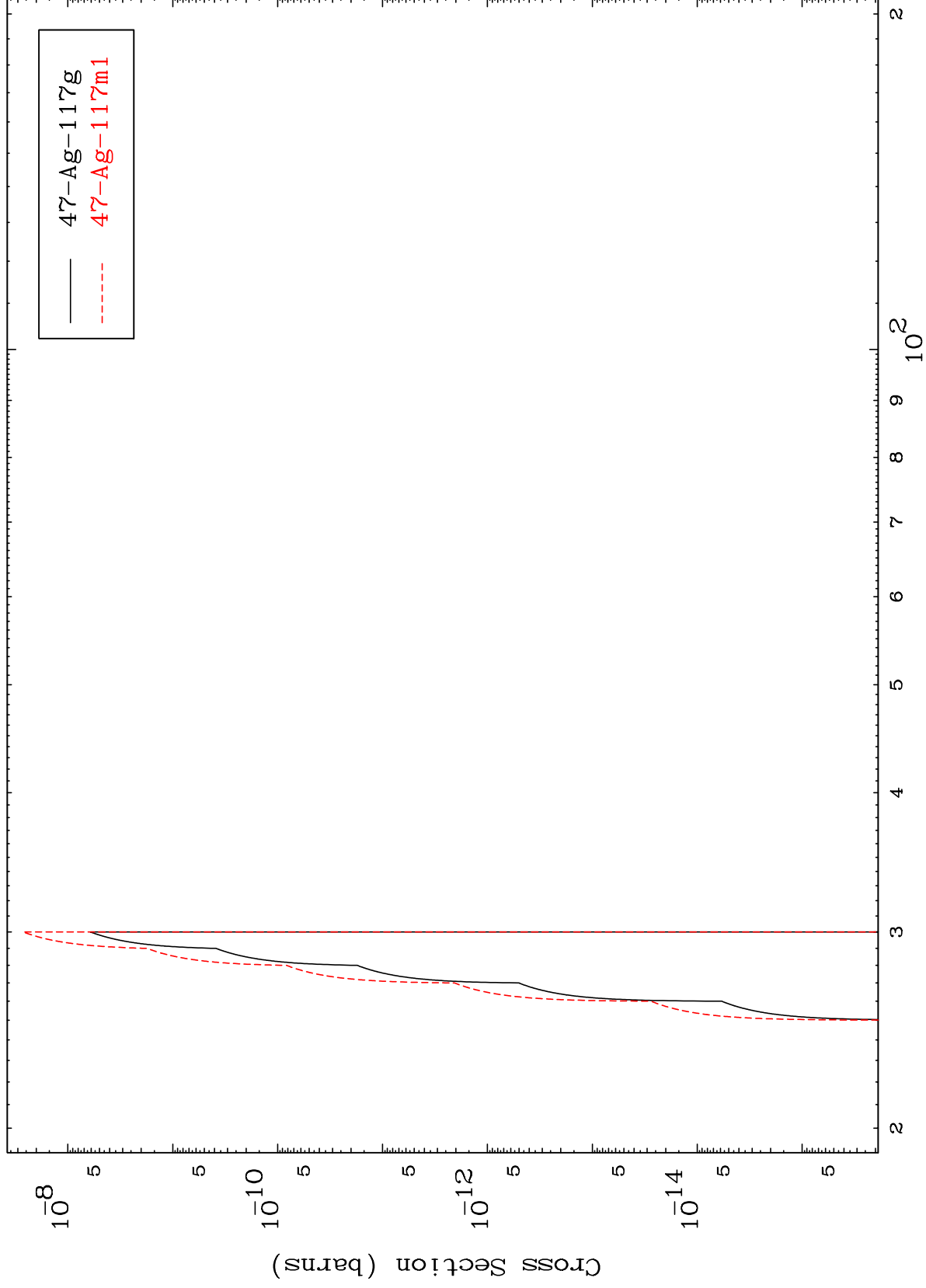
49-In-123m

MAT 4956

(n,3n) α

49-In-123m

Radionuclide Production Cross Section

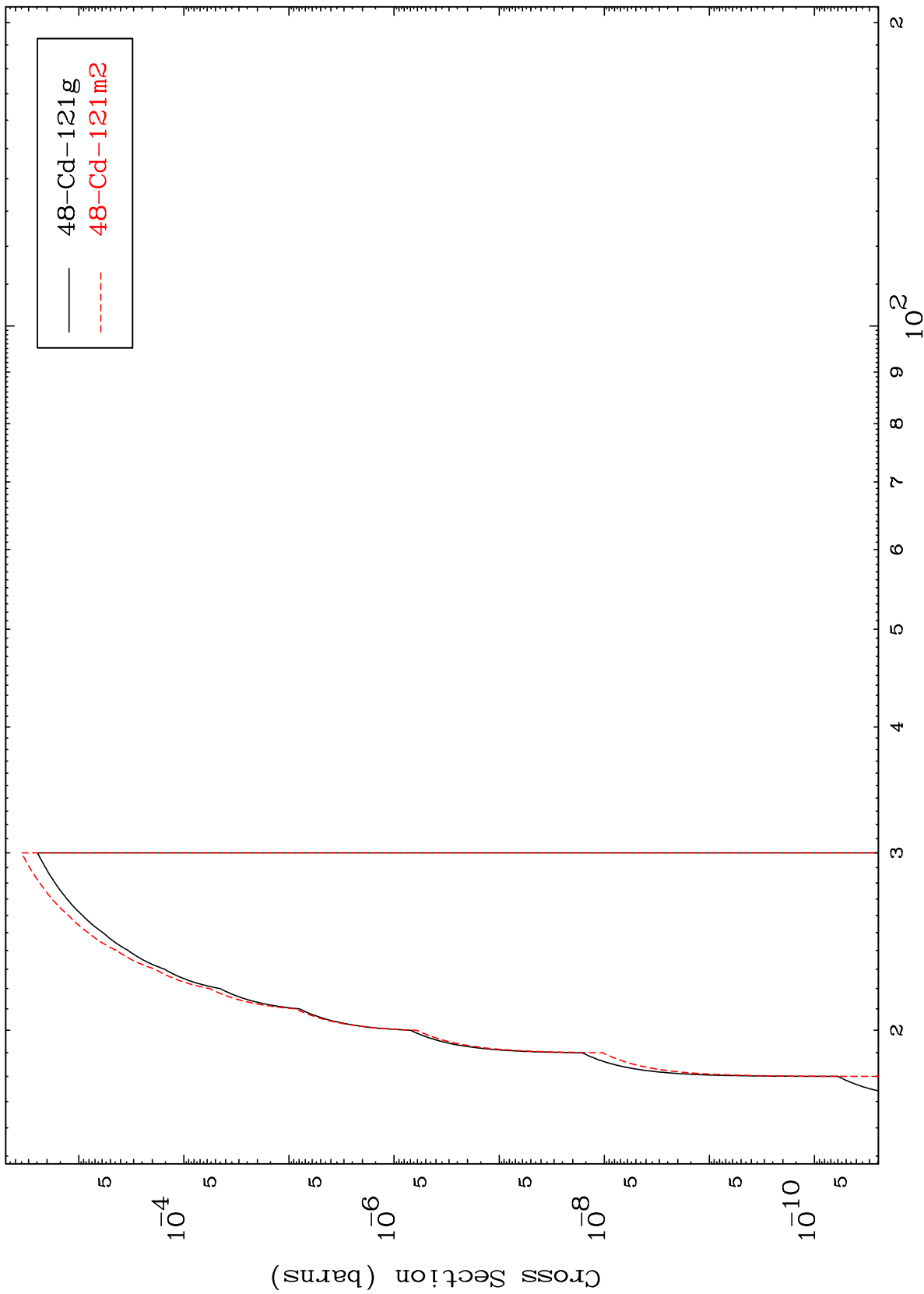


25

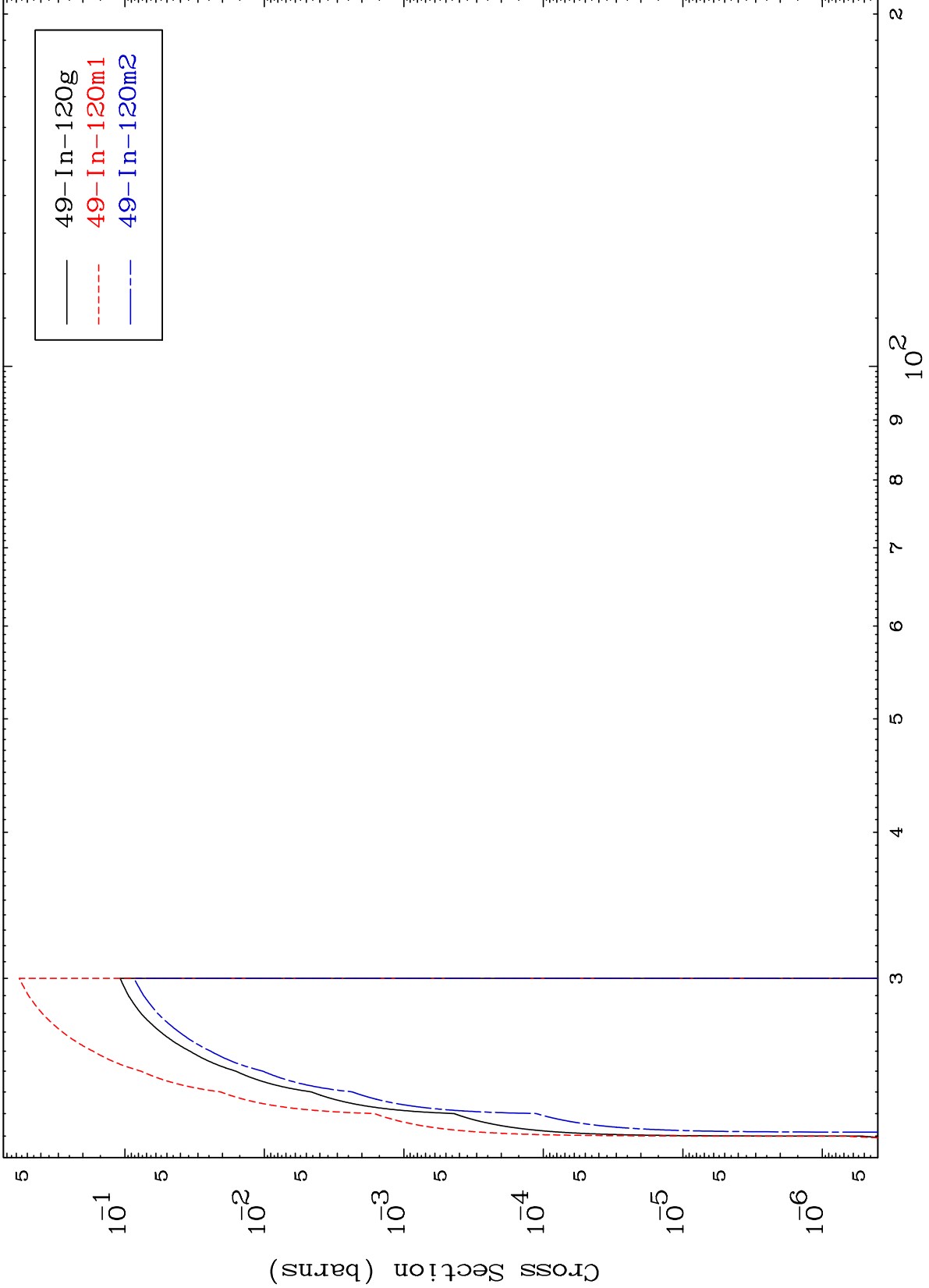
Incident Energy (MeV)

49-In-123m

Radionuclide Production Cross Section



Radionuclide Production Cross Section

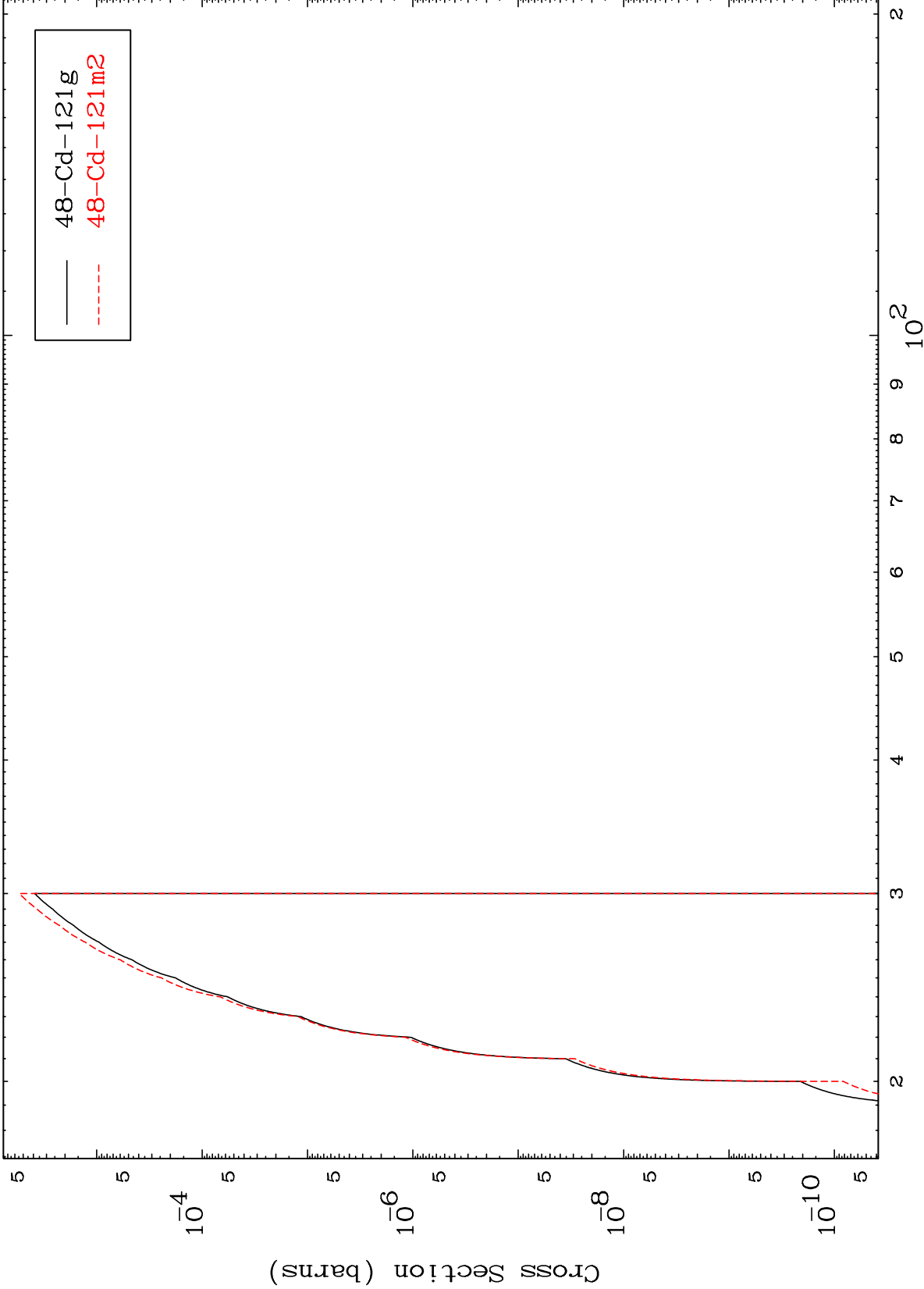


MAT 4956

(n,2n) p

49-In-123m

Radionuclide Production Cross Section



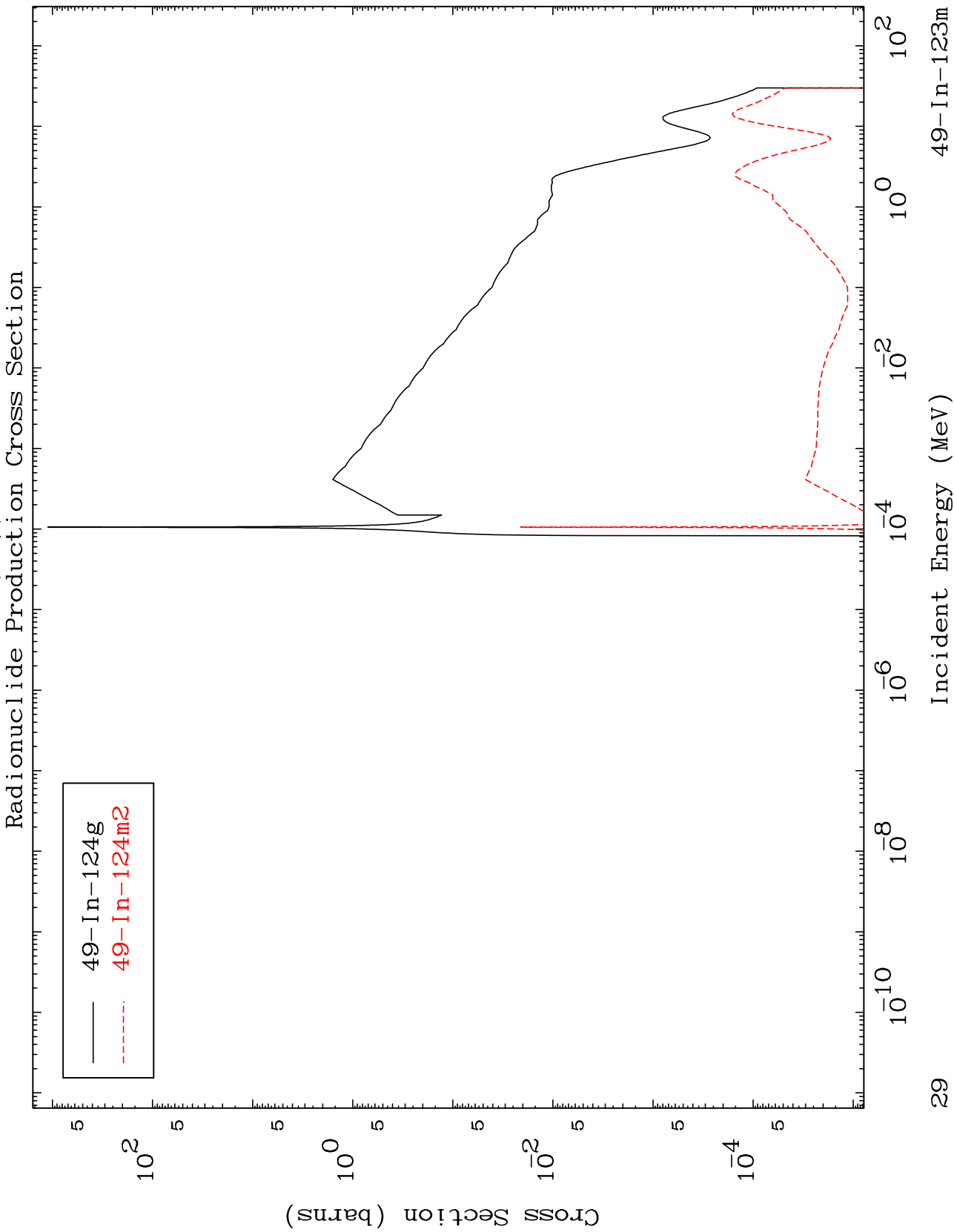
28

Incident Energy (MeV)

49-In-123m

MAT 4956

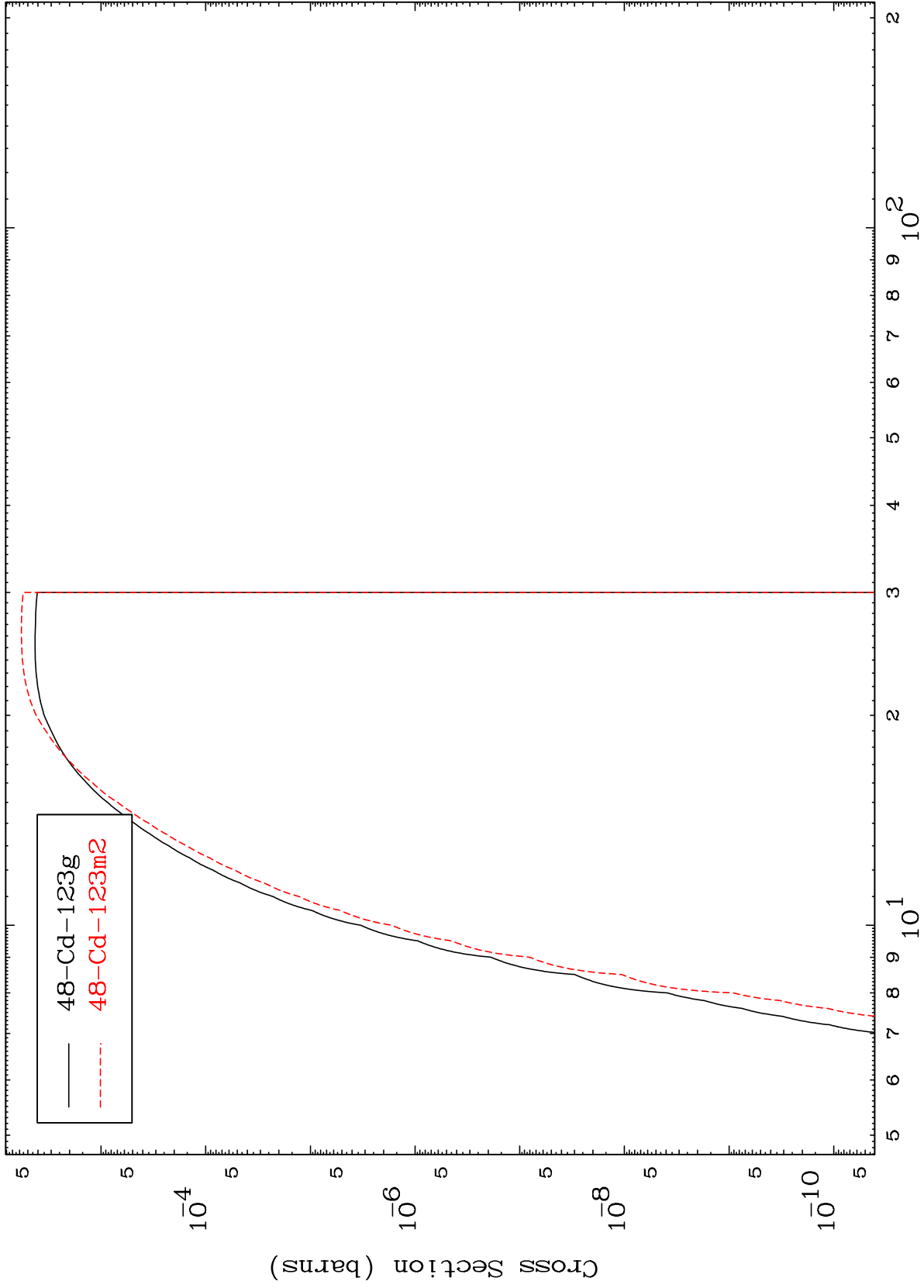
49-In-123m



MAT 4956

49-In-123m

Radionuclide Production Cross Section (n,p)



30

Incident Energy (MeV)

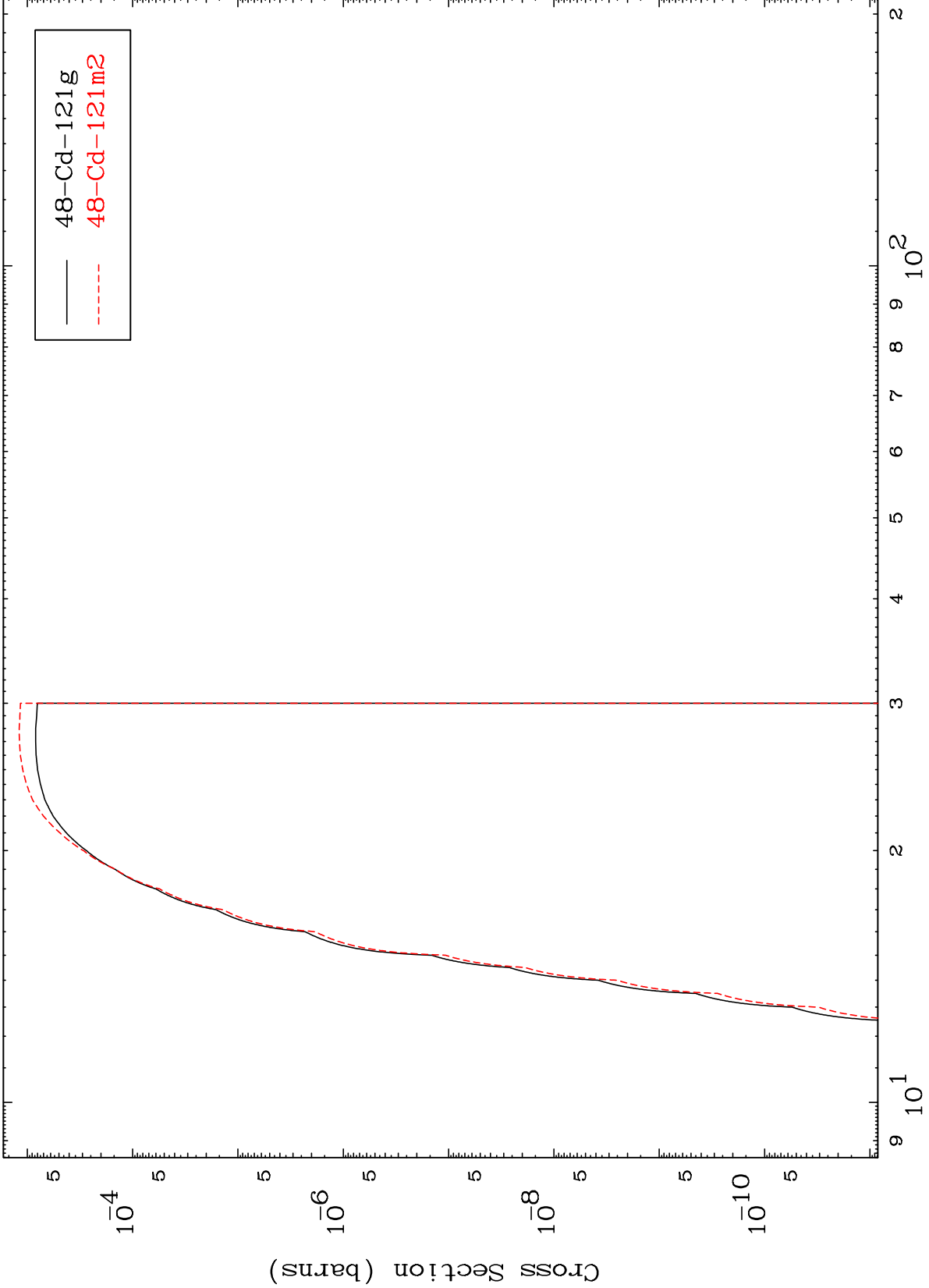
49-In-123m

MAT 4956

(n, t)

49-In-123m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

49-In-123m

MAT 4956

49-In-123m

Radionuclide Production Cross Section
(n, α)

