

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

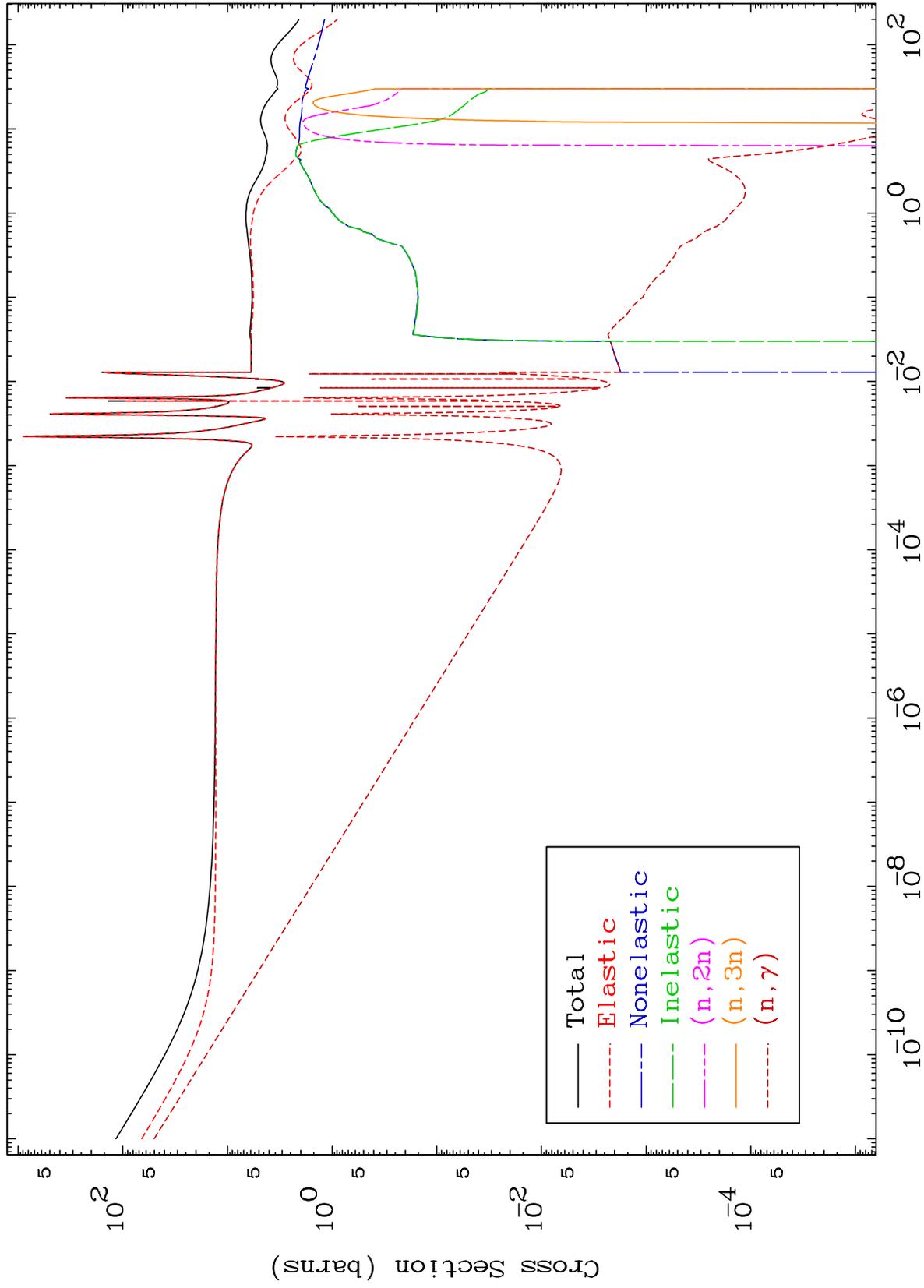
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4974

Neutron Major
293 Kelvin Cross Sections

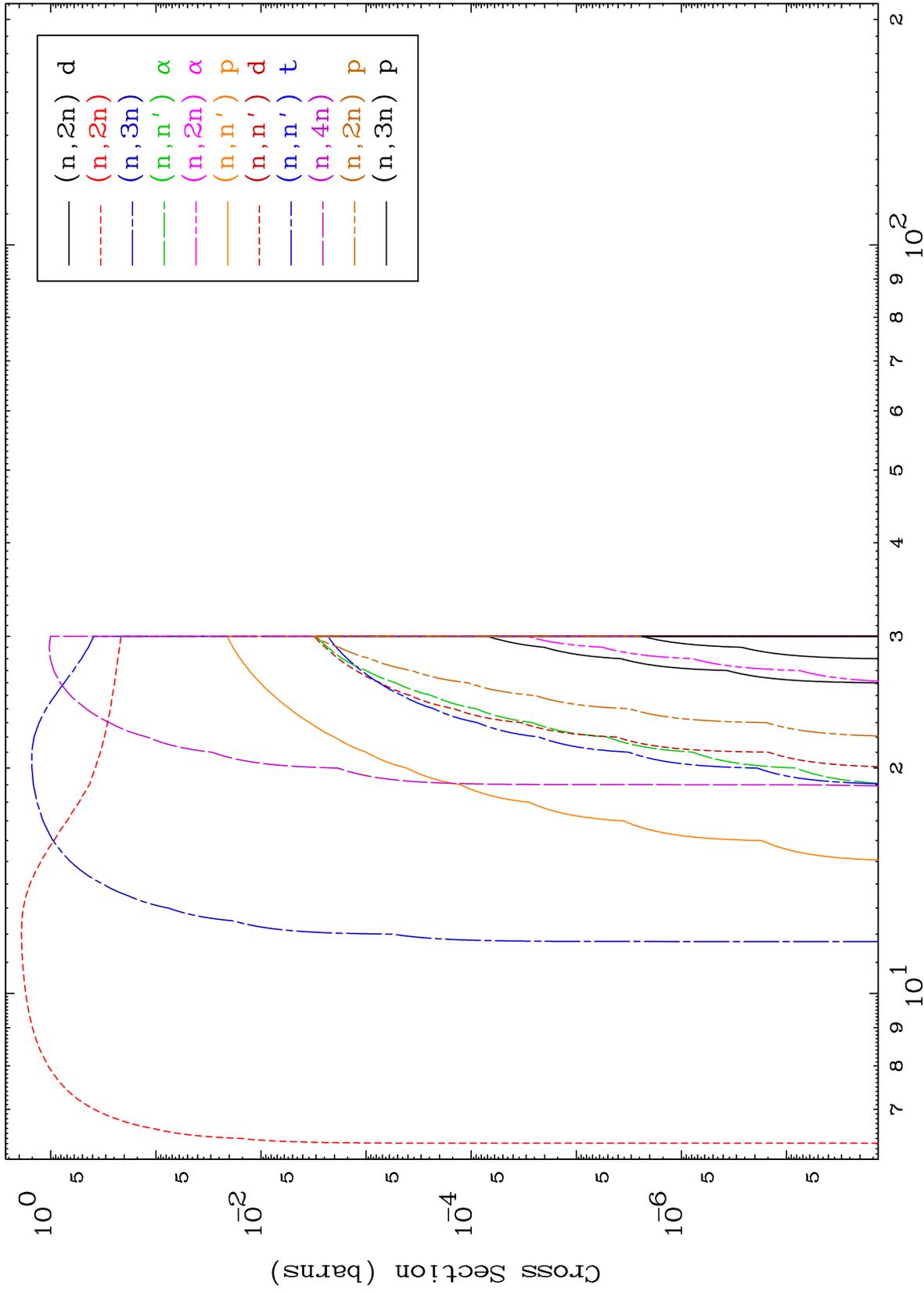
49-In-129m



MAT 4974

Neutron Absorption
293 Kelvin Cross Sections

49-In-129m



2

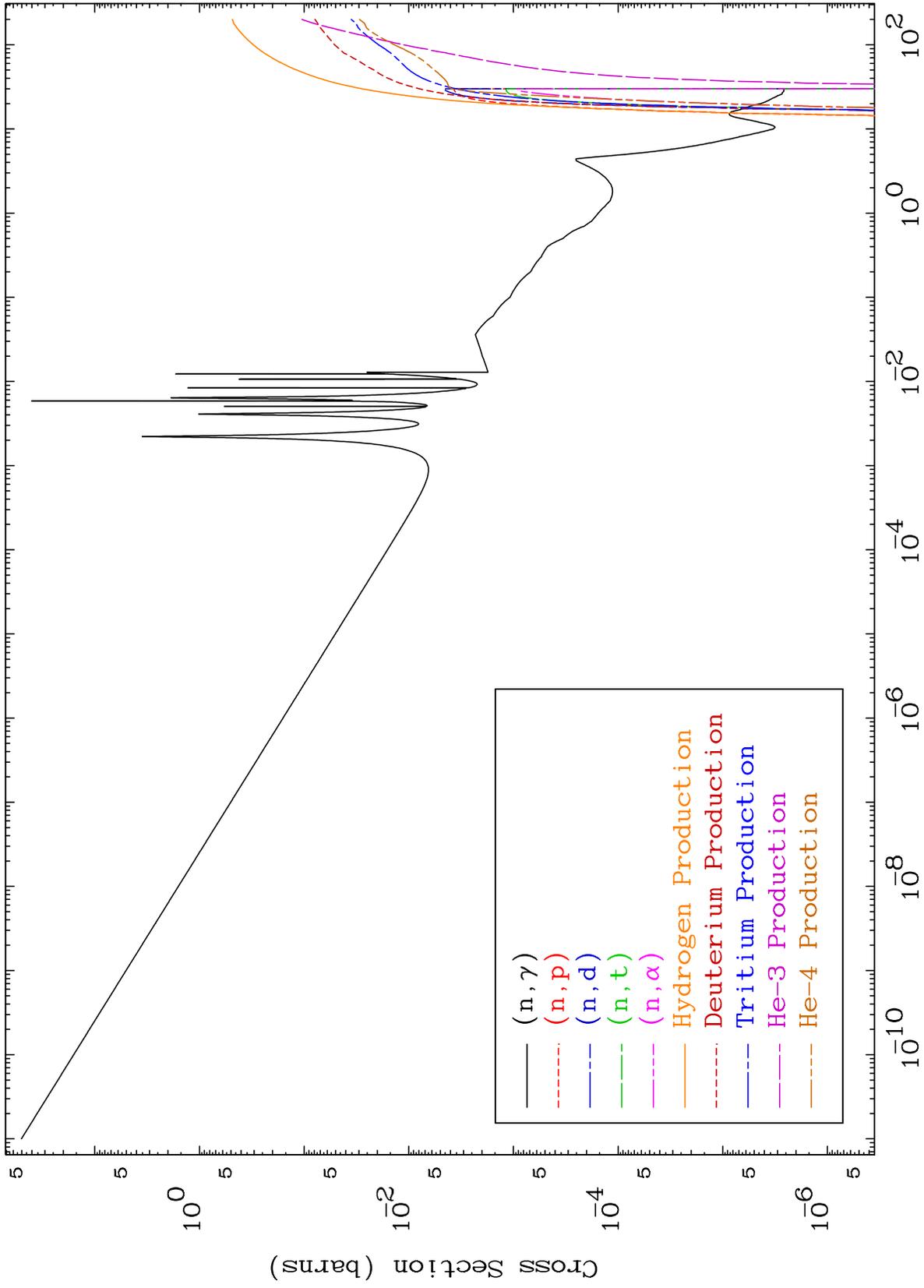
Incident Energy (MeV)

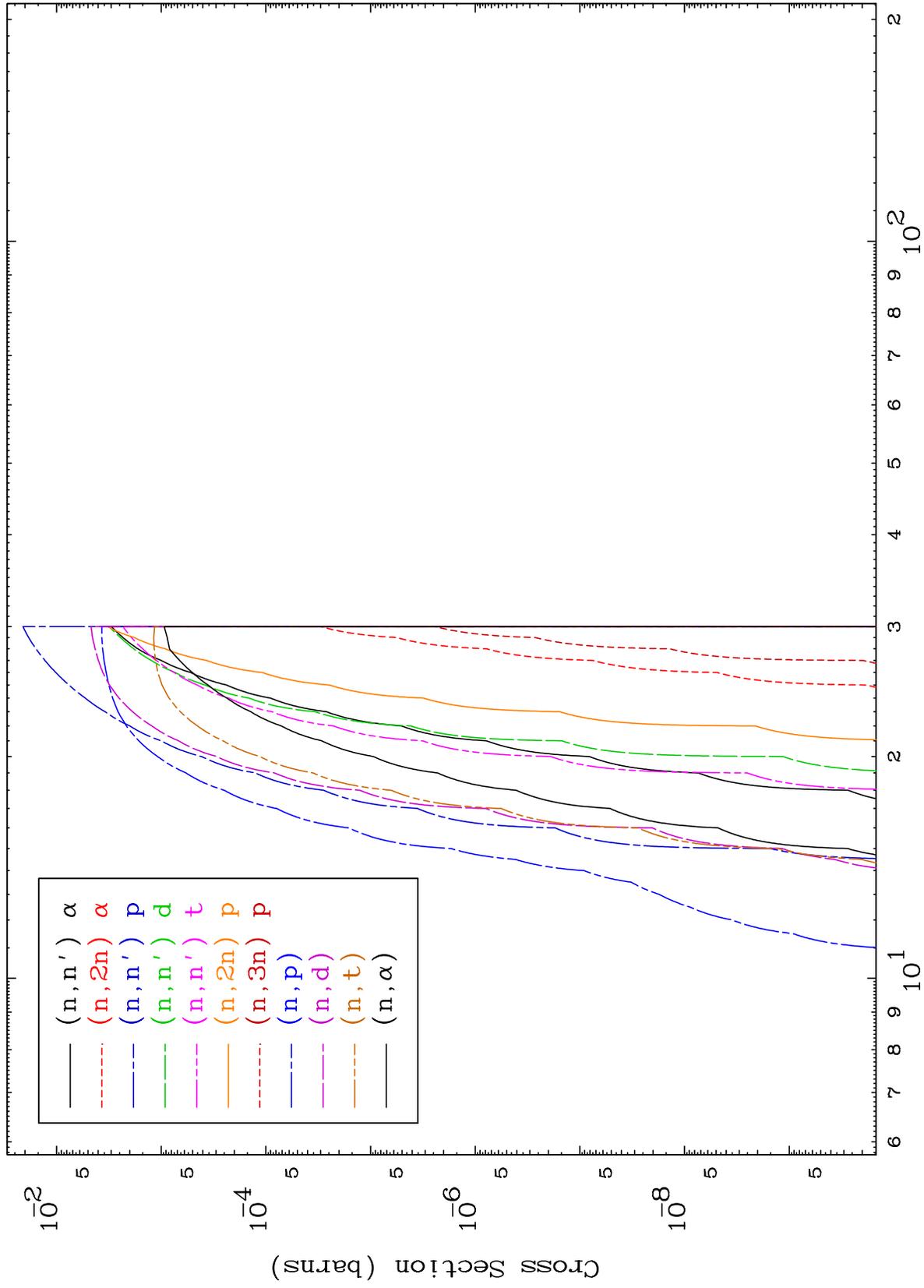
49-In-129m

MAT 4974

Neutron Absorption
293 Kelvin Cross Sections

49-In-129m

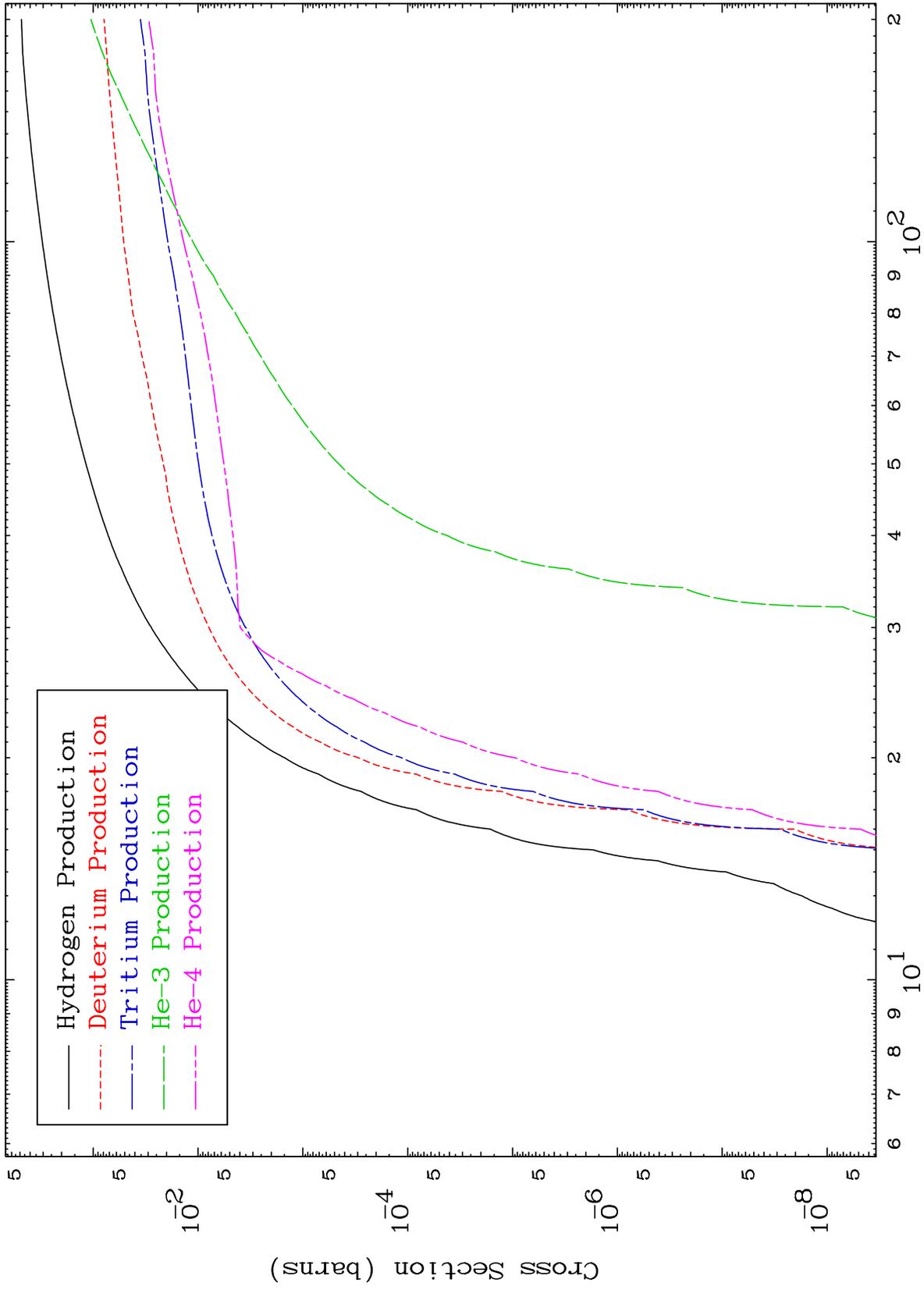




MAT 4974

Particle Production
293 Kelvin Cross Sections

49-In-129m



5

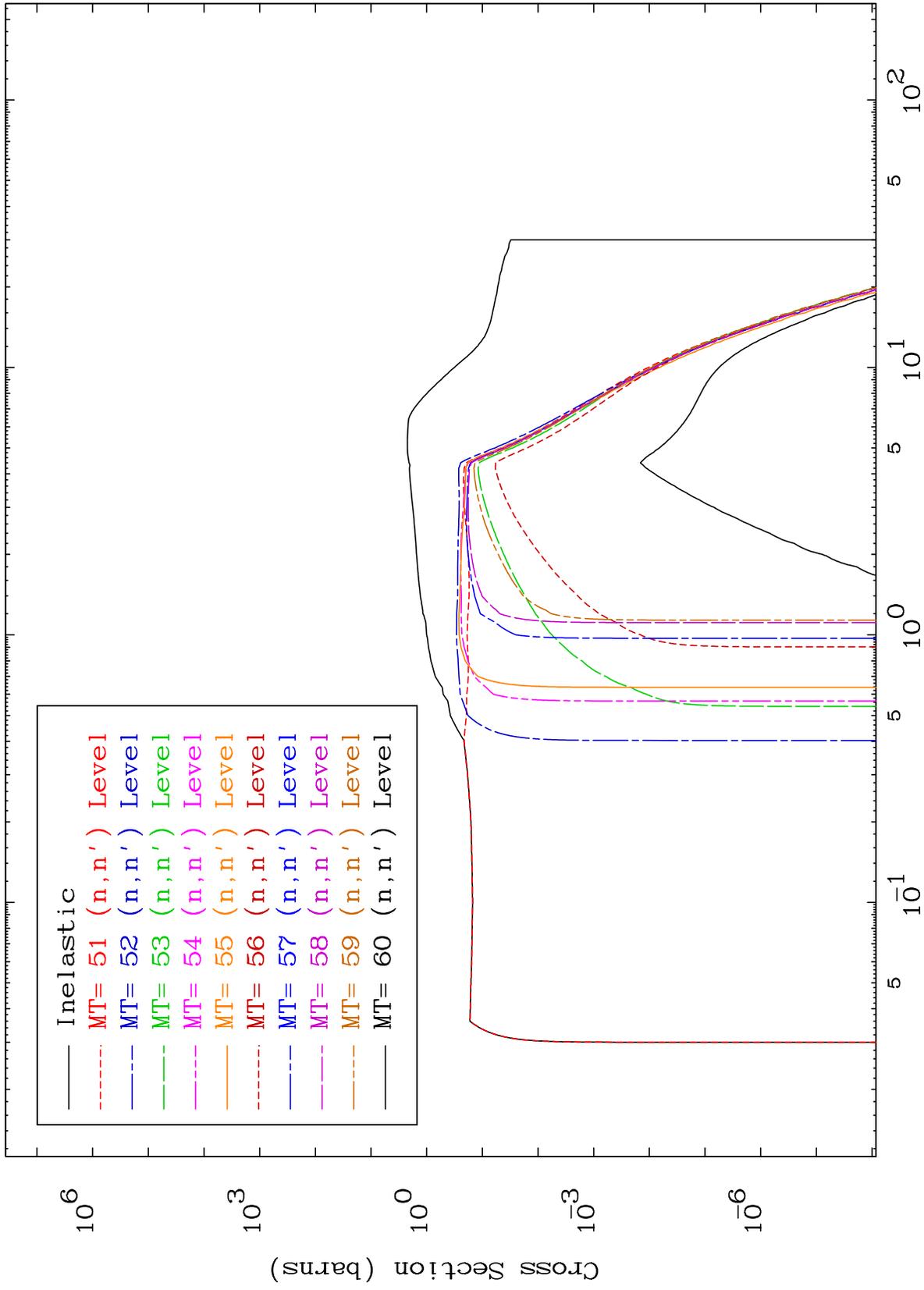
Incident Energy (MeV)

49-In-129m

MAT 4974

(n,n') Levels
293 Kelvin Cross Sections

49-In-129m



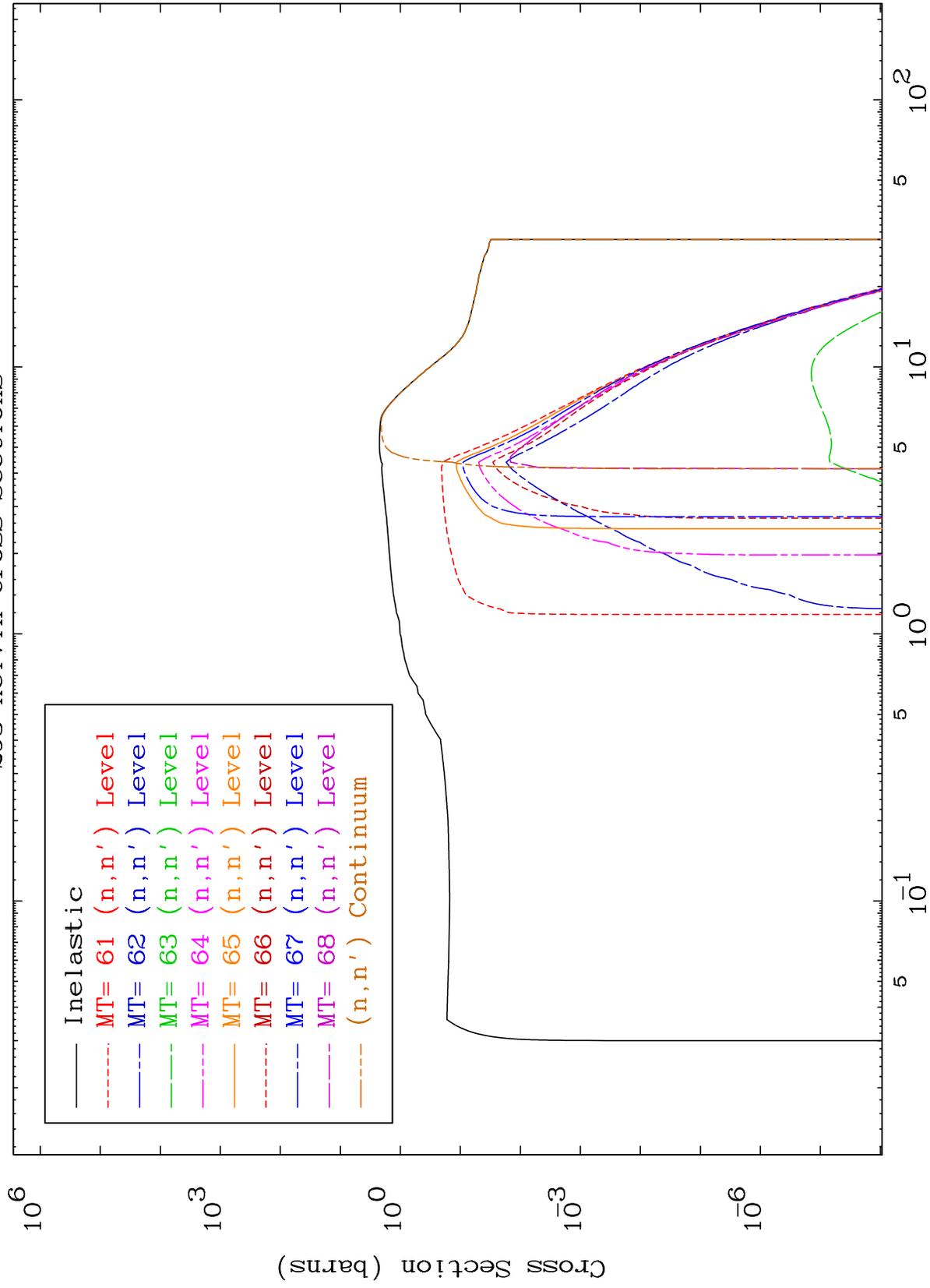
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49-In-129m

MAT 4974

(n,n') Levels
293 Kelvin Cross Sections

49-In-129m



7

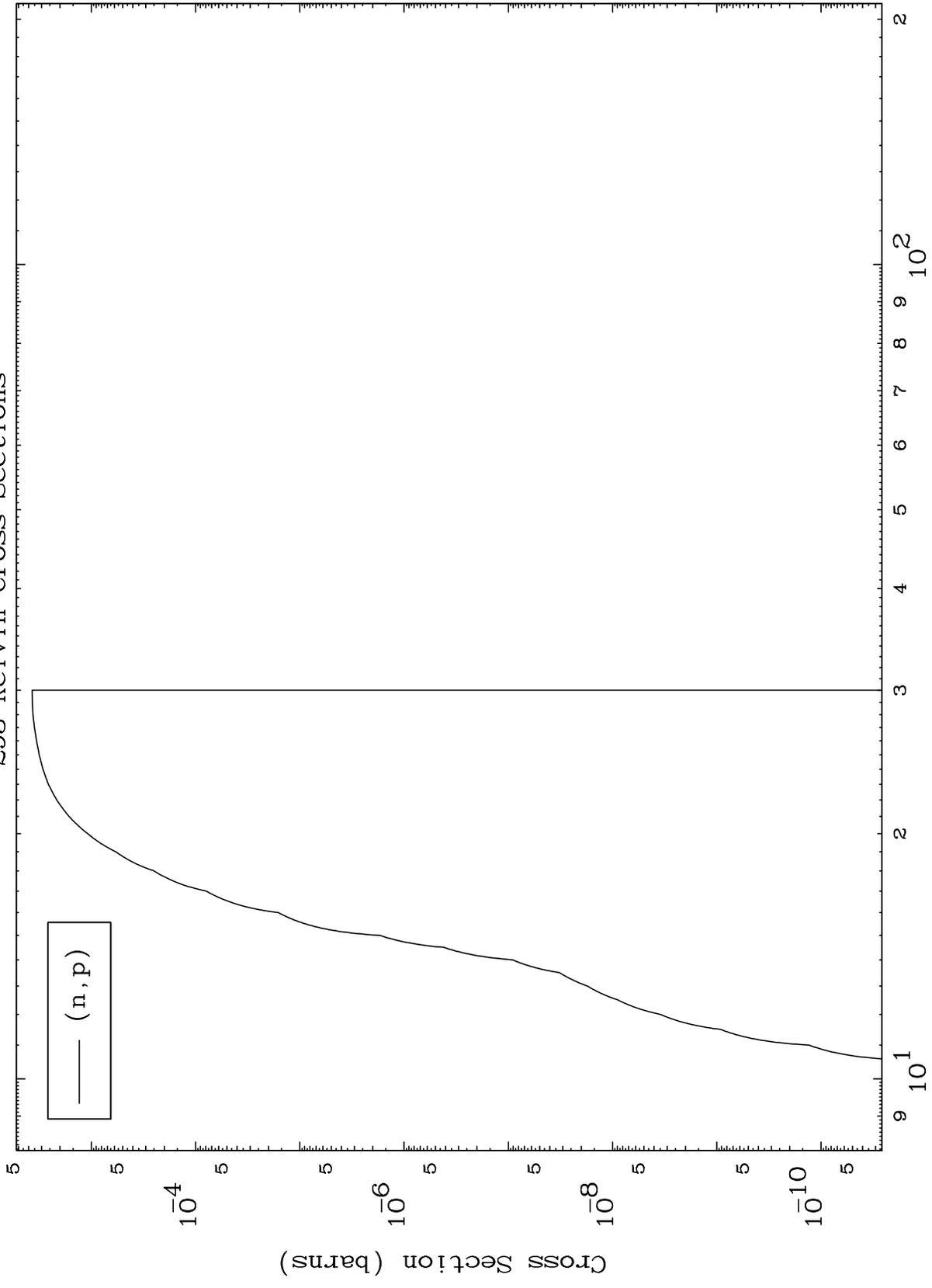
Incident Energy (MeV)

49-In-129m

MAT 4974

(n,p) Levels
293 Kelvin Cross Sections

49-In-129m



8

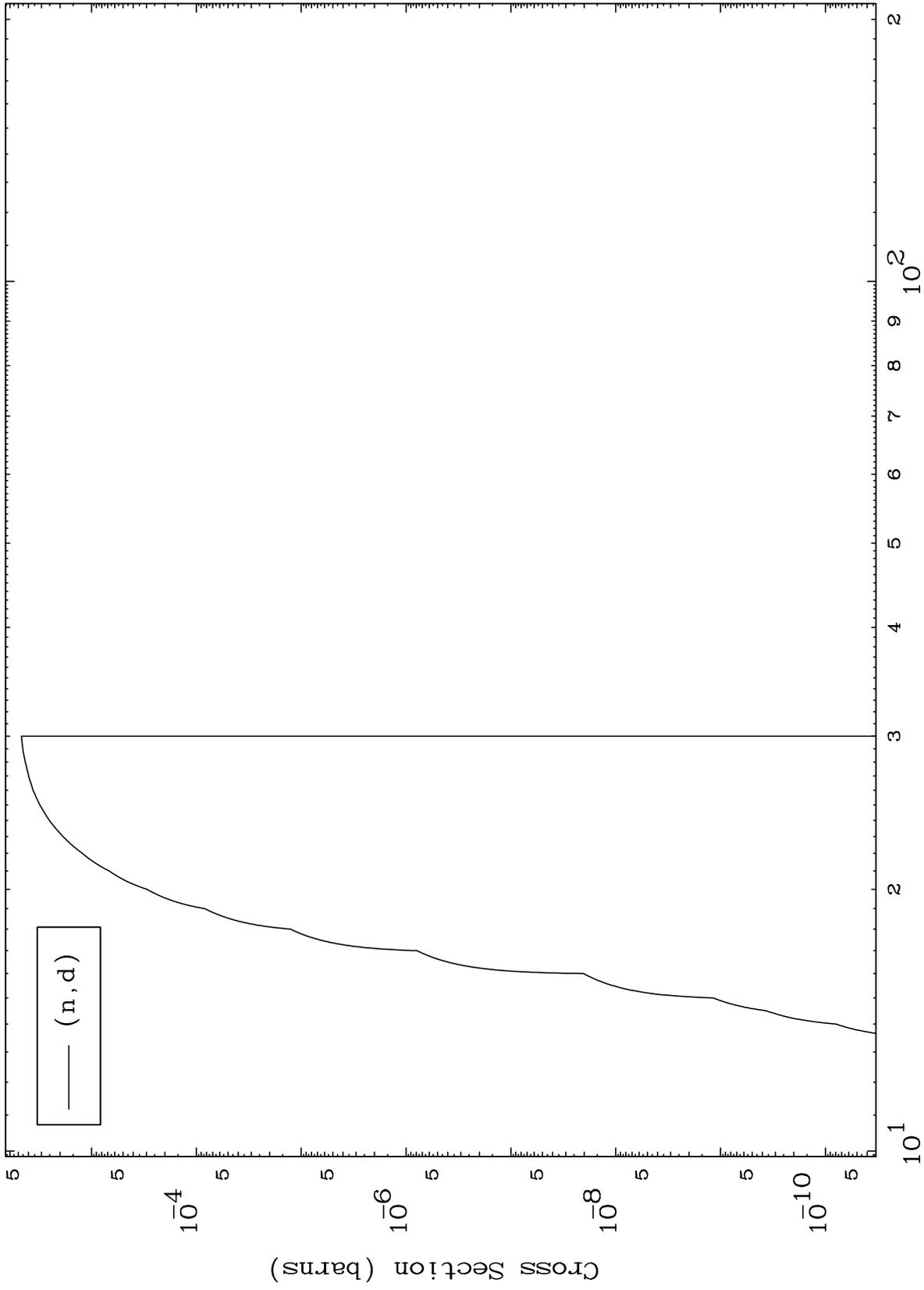
Incident Energy (MeV)

49-In-129m

MAT 4974

(n,d) Levels
293 Kelvin Cross Sections

49-In-129m



9

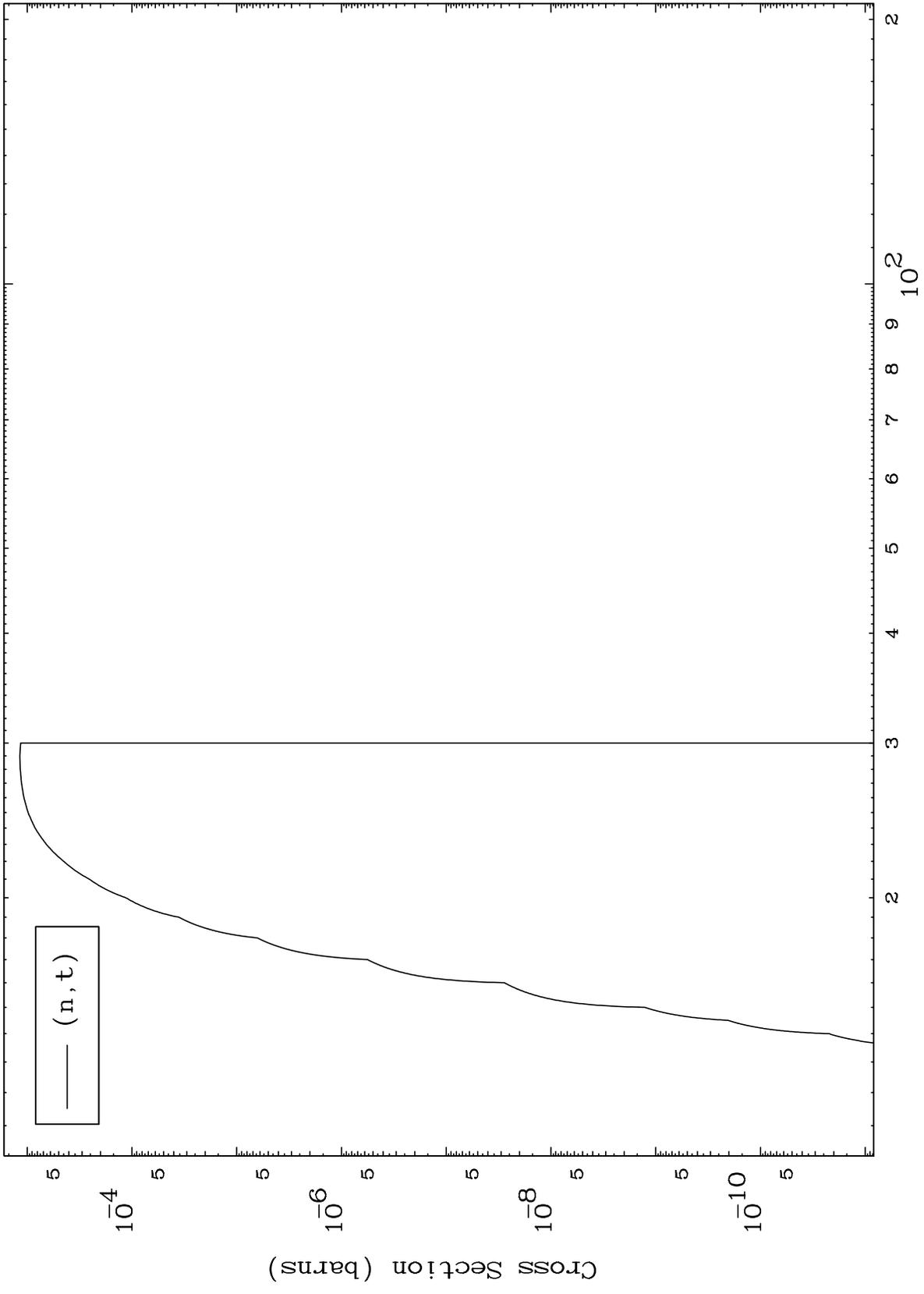
Incident Energy (MeV)

49-In-129m

MAT 4974

(n,t) Levels
293 Kelvin Cross Sections

49-In-129m



10

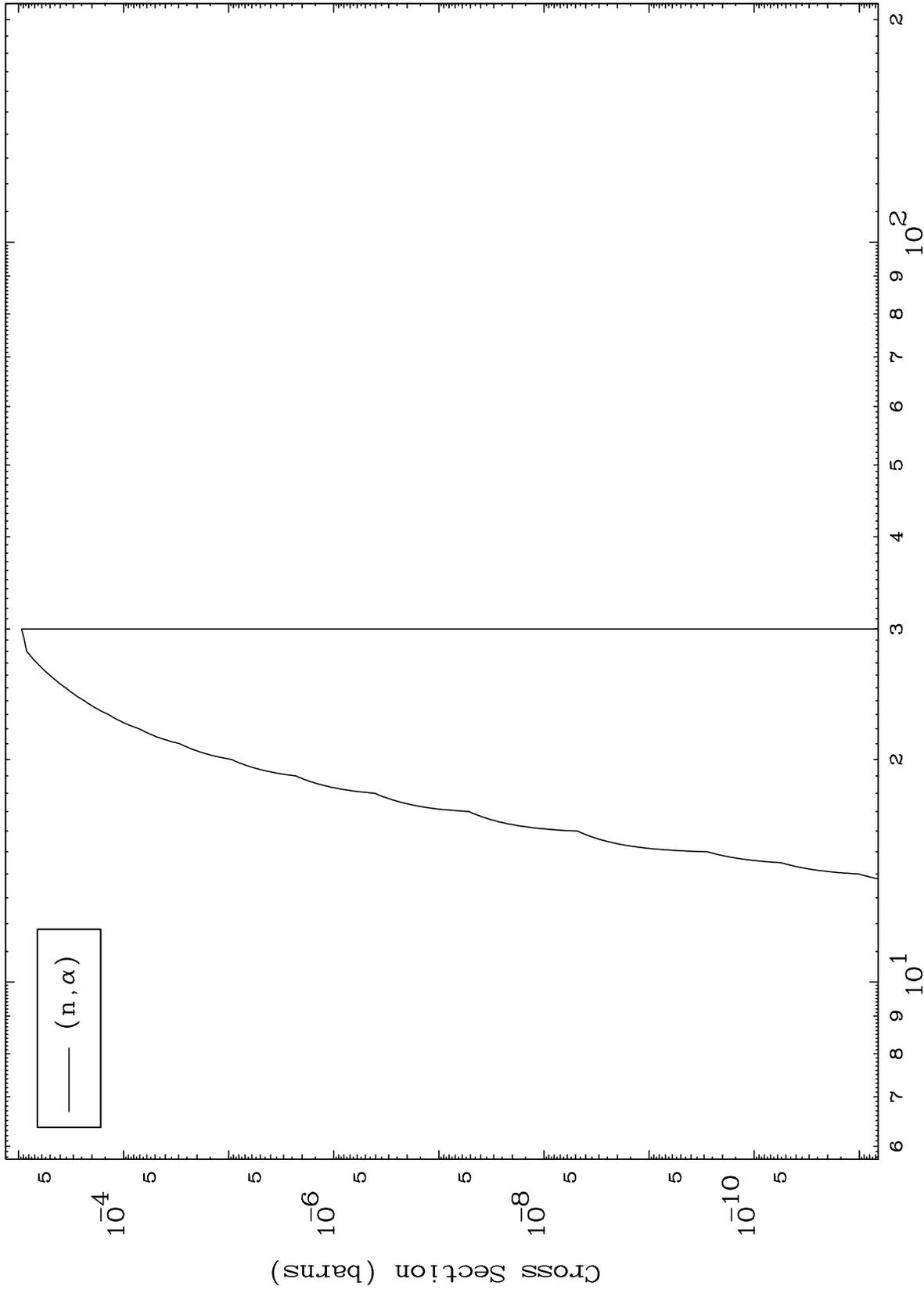
Incident Energy (MeV)

49-In-129m

MAT 4974

(n,α) Levels
293 Kelvin Cross Sections

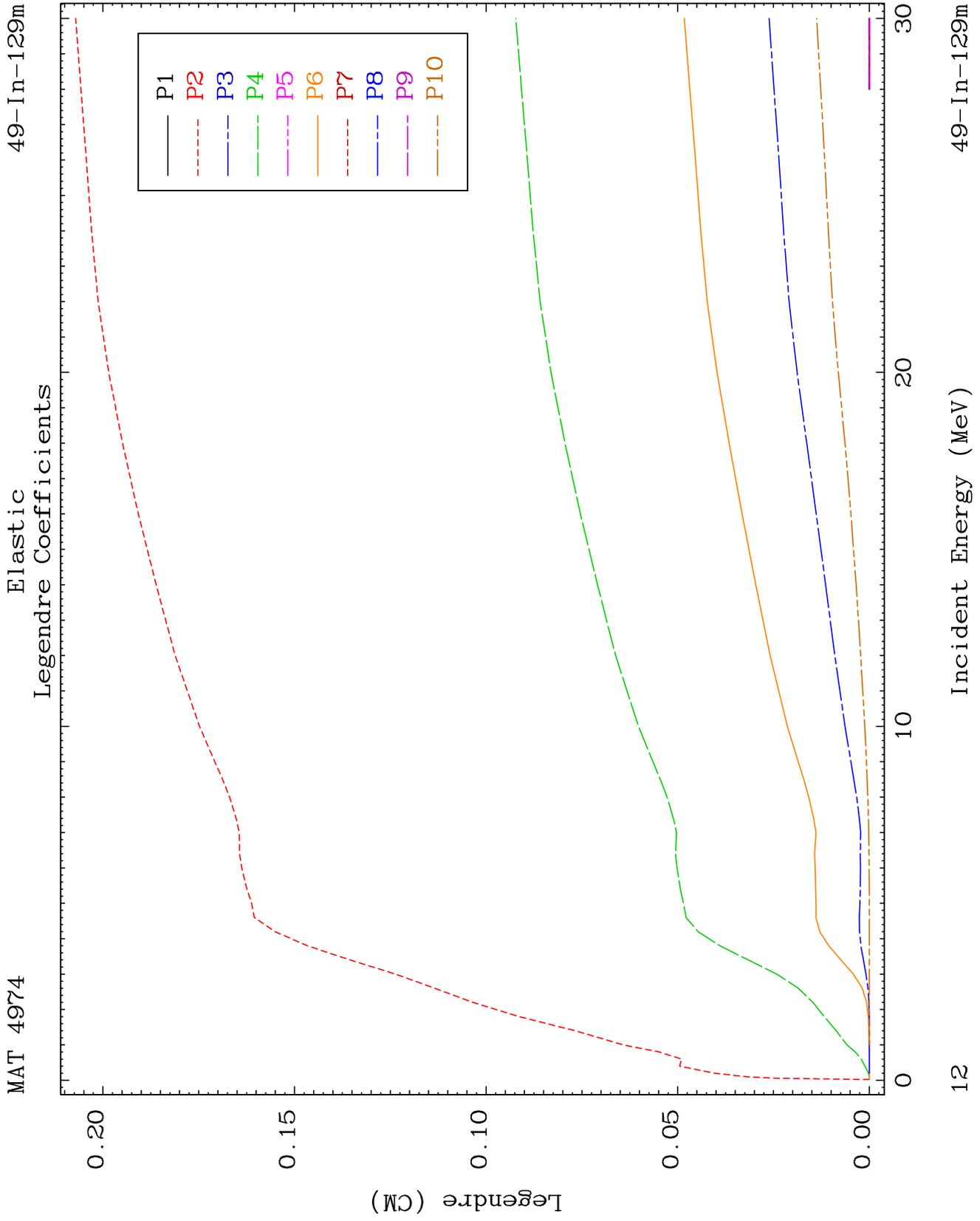
49-In-129m



11

Incident Energy (MeV)

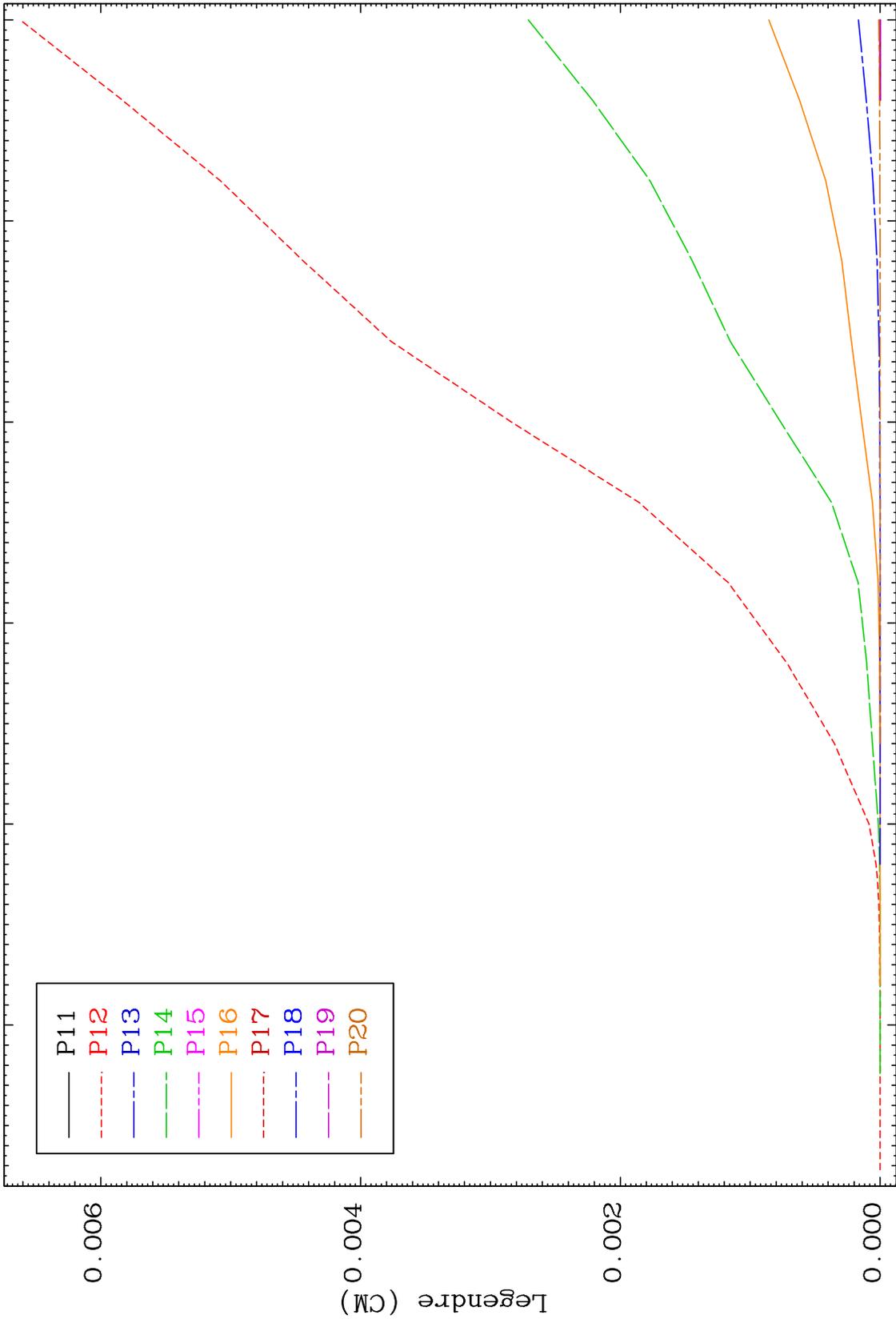
49-In-129m



MAT 4974

Elastic Legendre Coefficients

49-In-129m



13

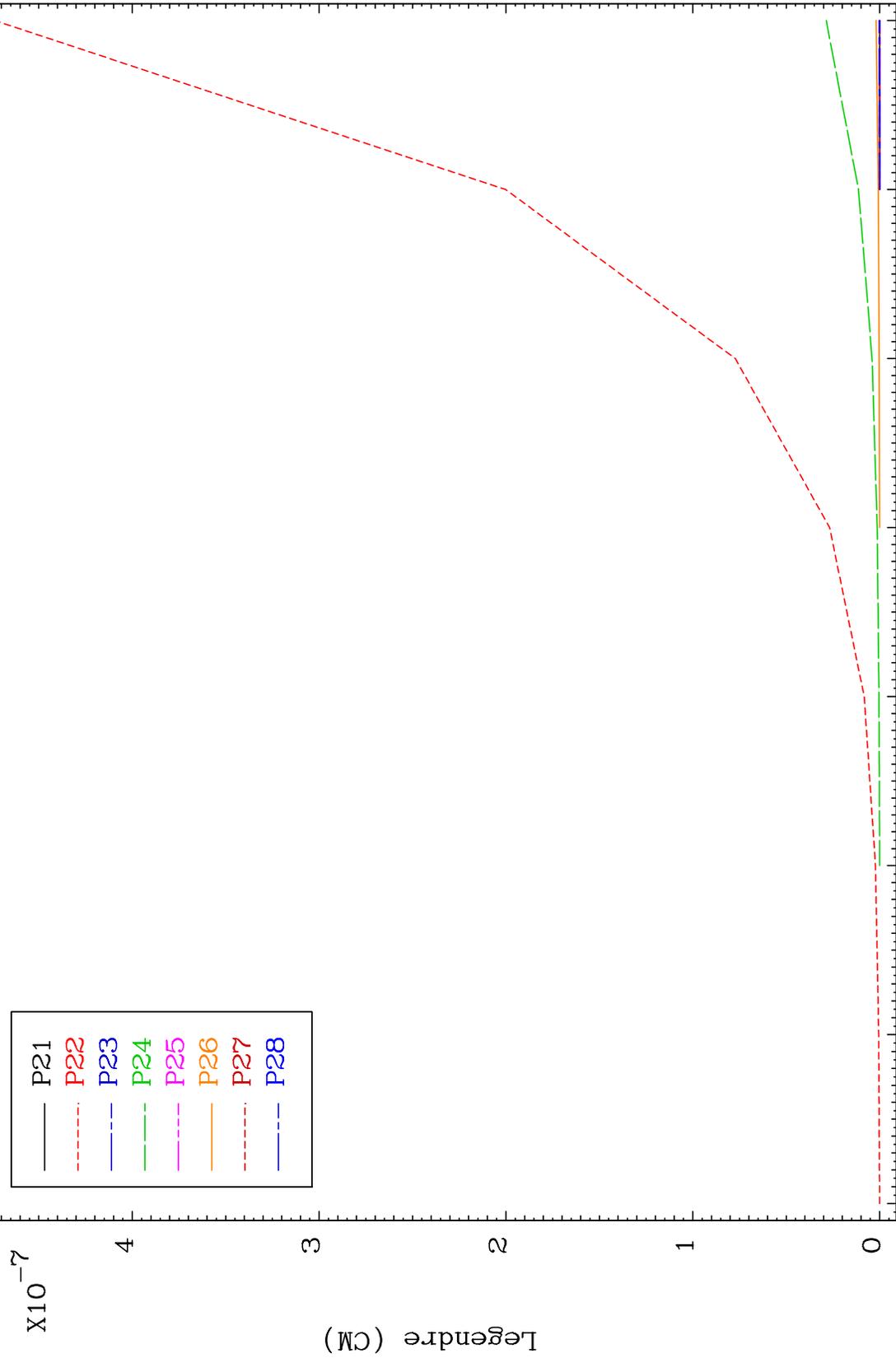
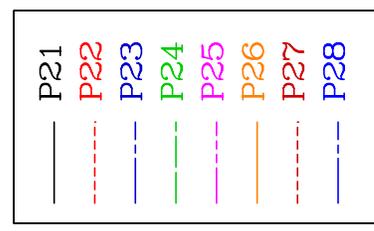
Incident Energy (MeV)

49-In-129m

MAT 4974

Elastic Legendre Coefficients

49-In-129m



14

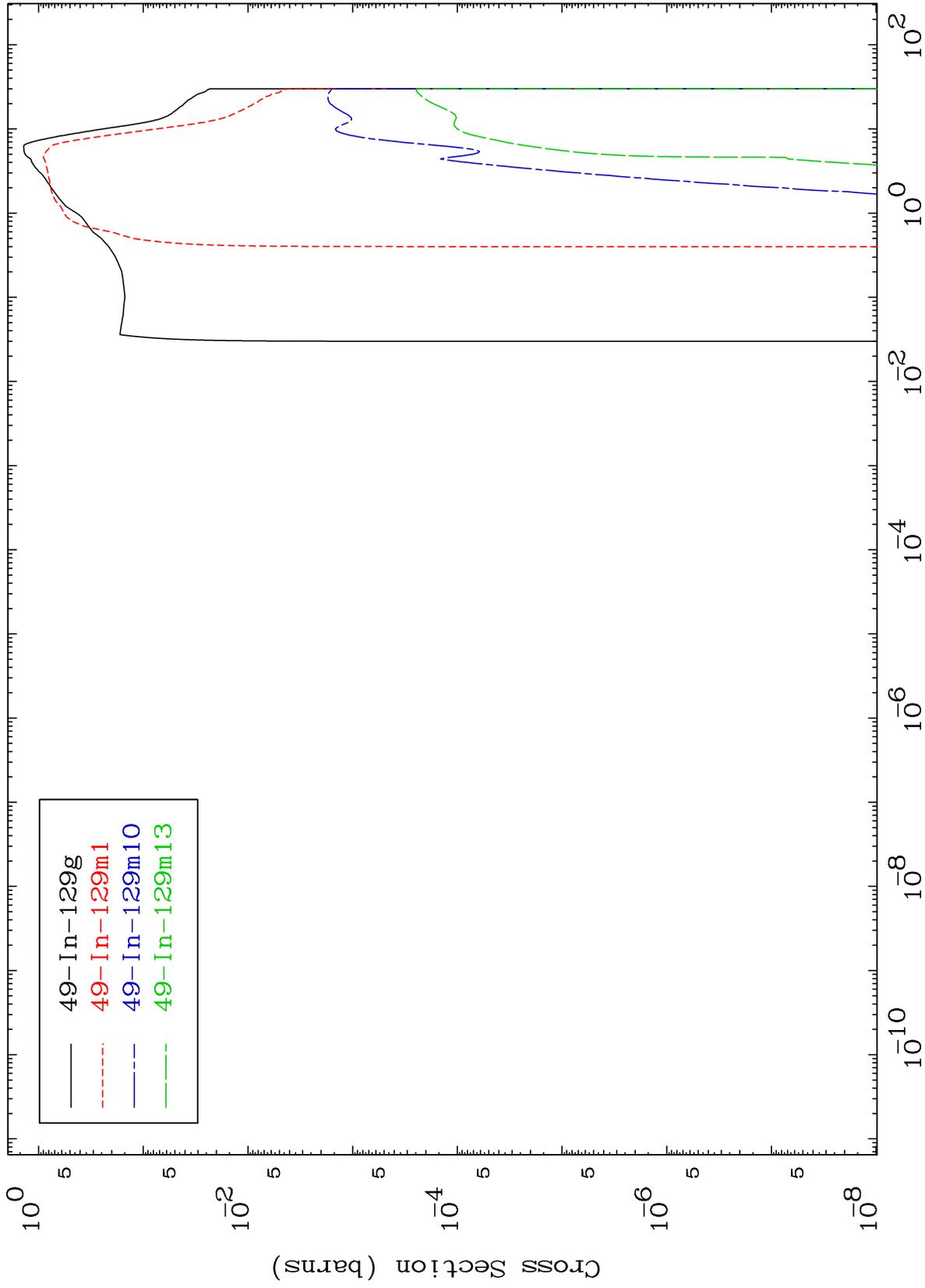
Incident Energy (MeV)

49-In-129m

MAT 4974

Inelastic Radionuclide Production Cross Section

49-In-129m



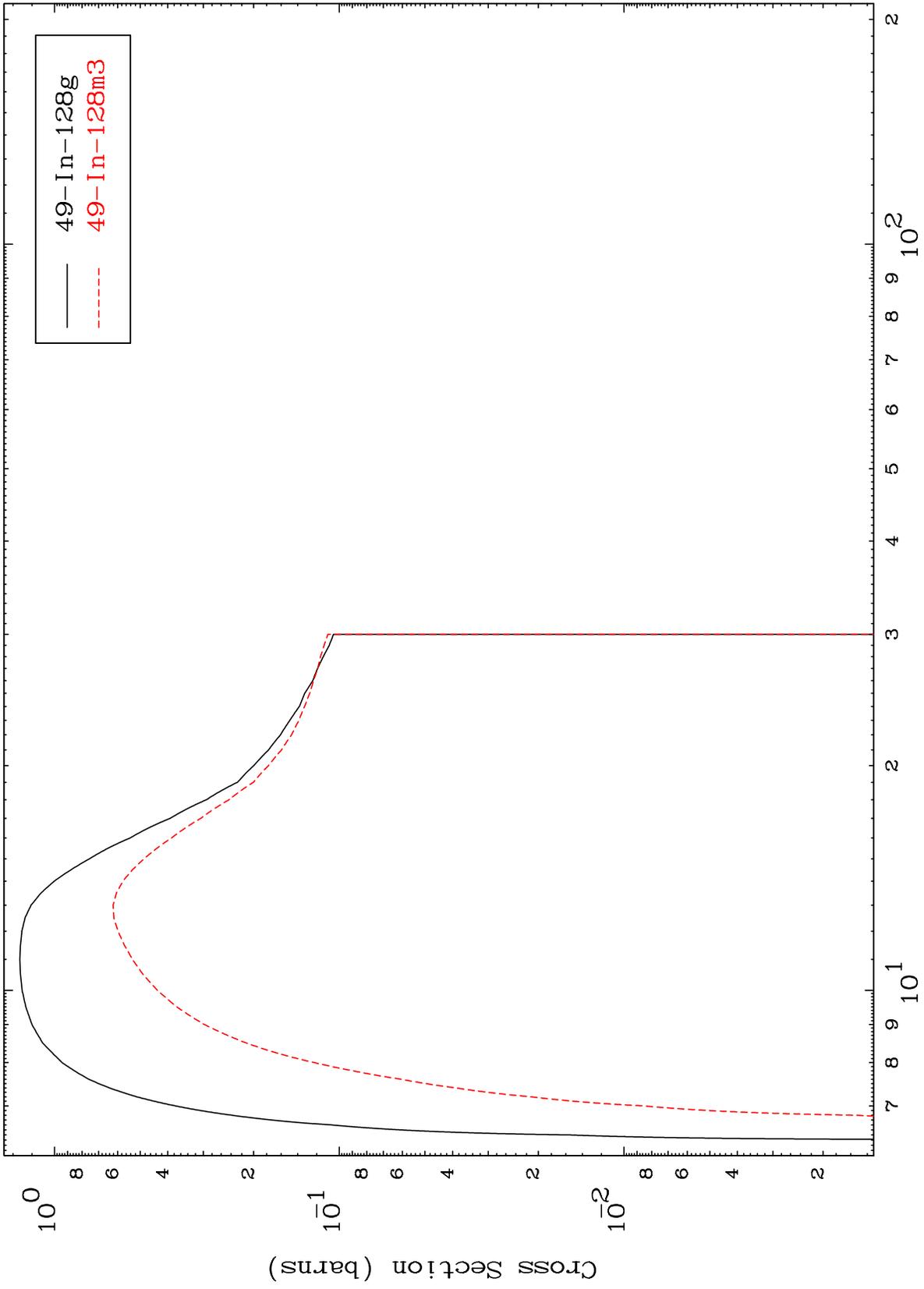
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49-In-129m

MAT 4974

49-In-129m

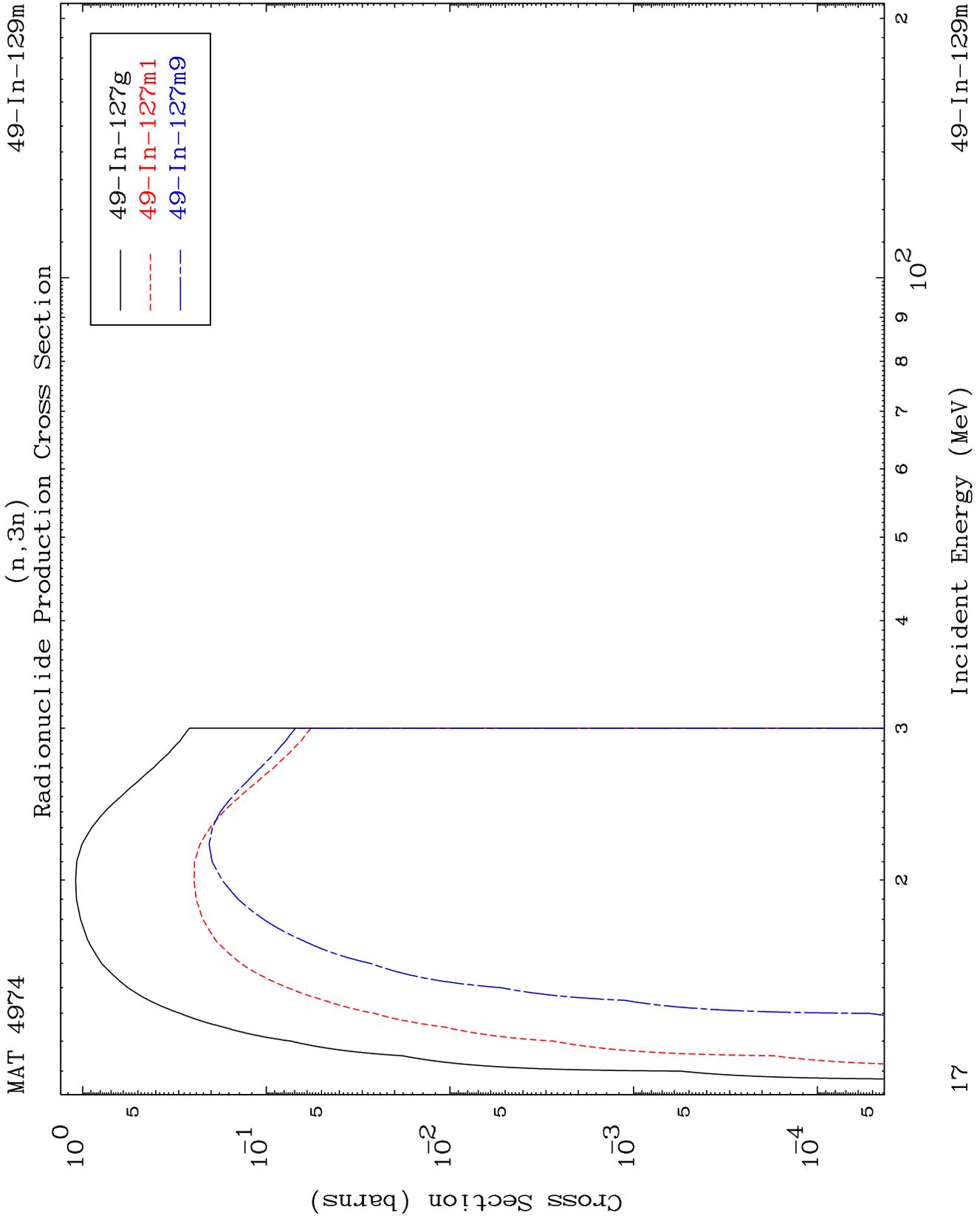
(n,2n)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

49-In-129m

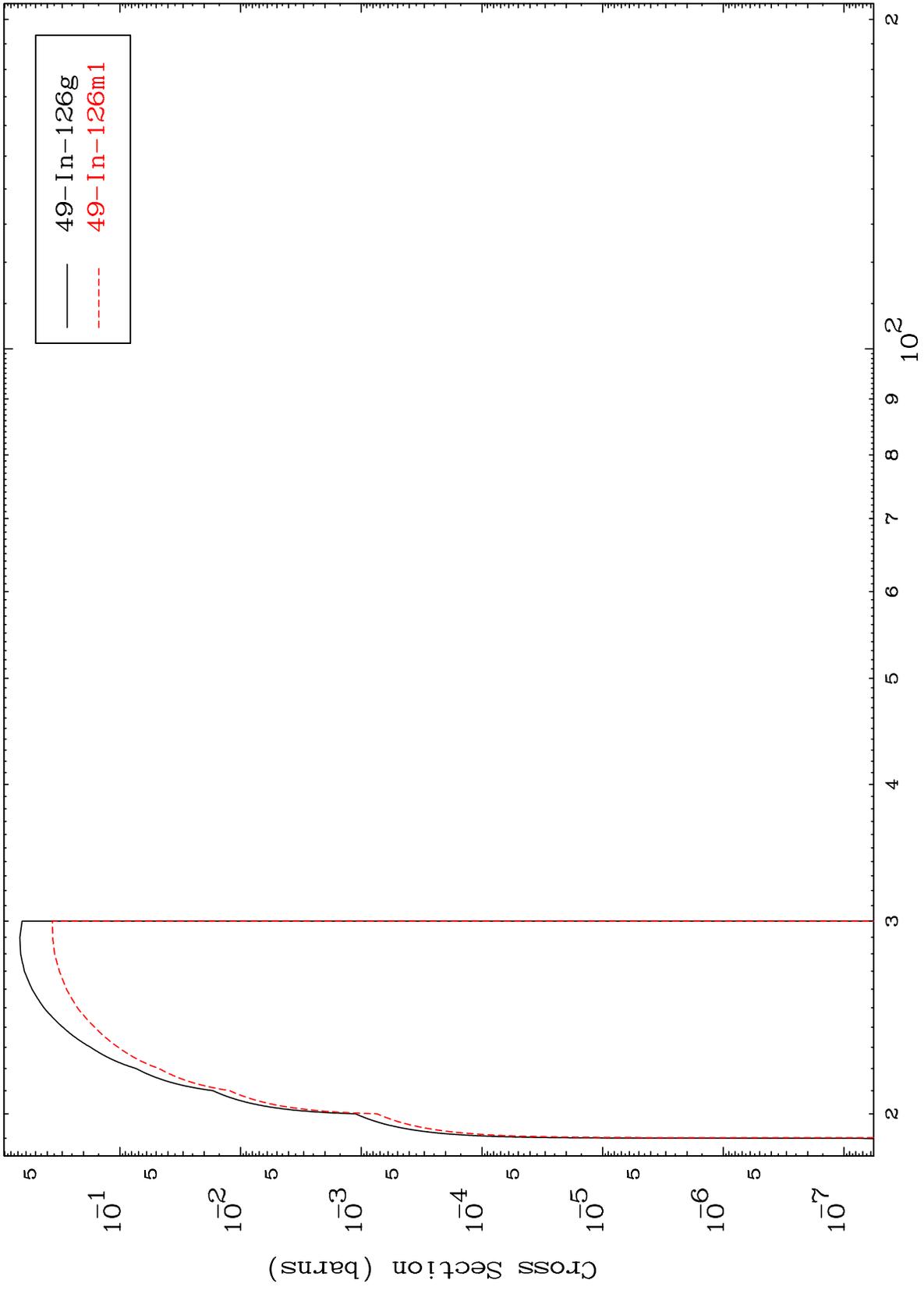


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(n,4n)

49-In-129m

Radionuclide Production Cross Section



18

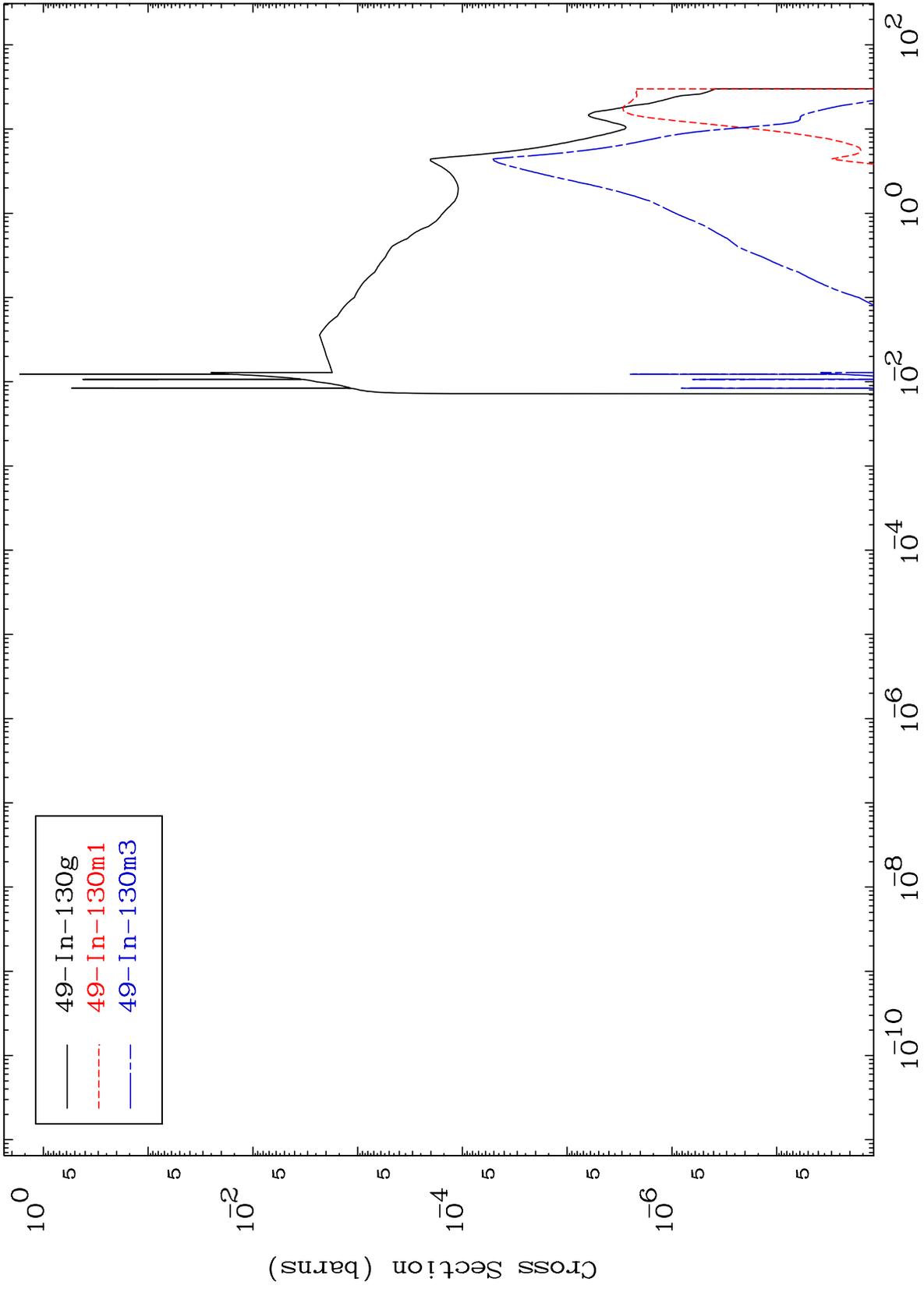
Incident Energy (MeV)

49-In-129m

MAT 4974

49-In-129m

Radionuclide Production Cross Section



19

49-In-129m