

Program EVALPLOT
(Version 2021-1)

by

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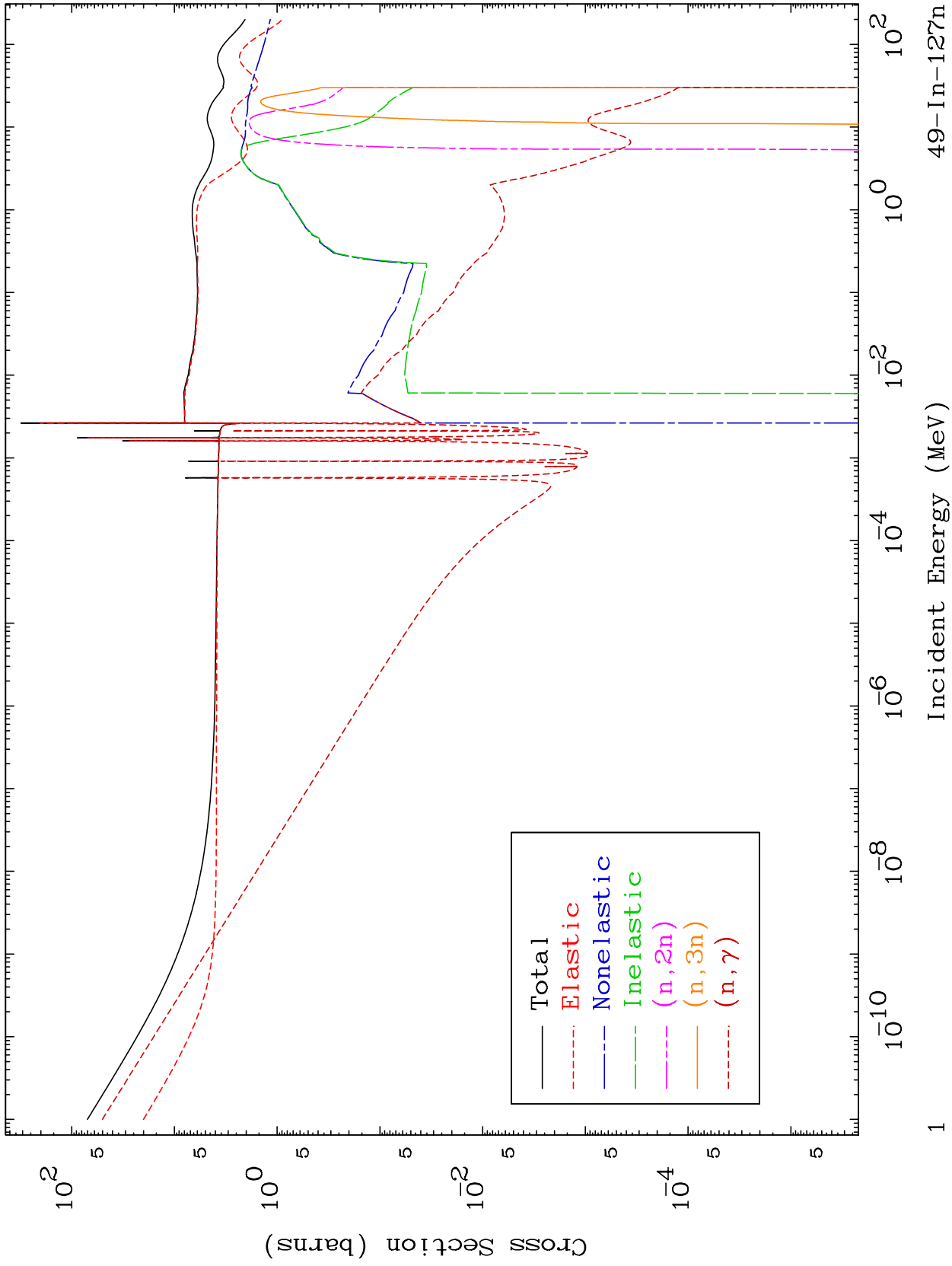
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4969

Neutron Major
293 Kelvin Cross Sections

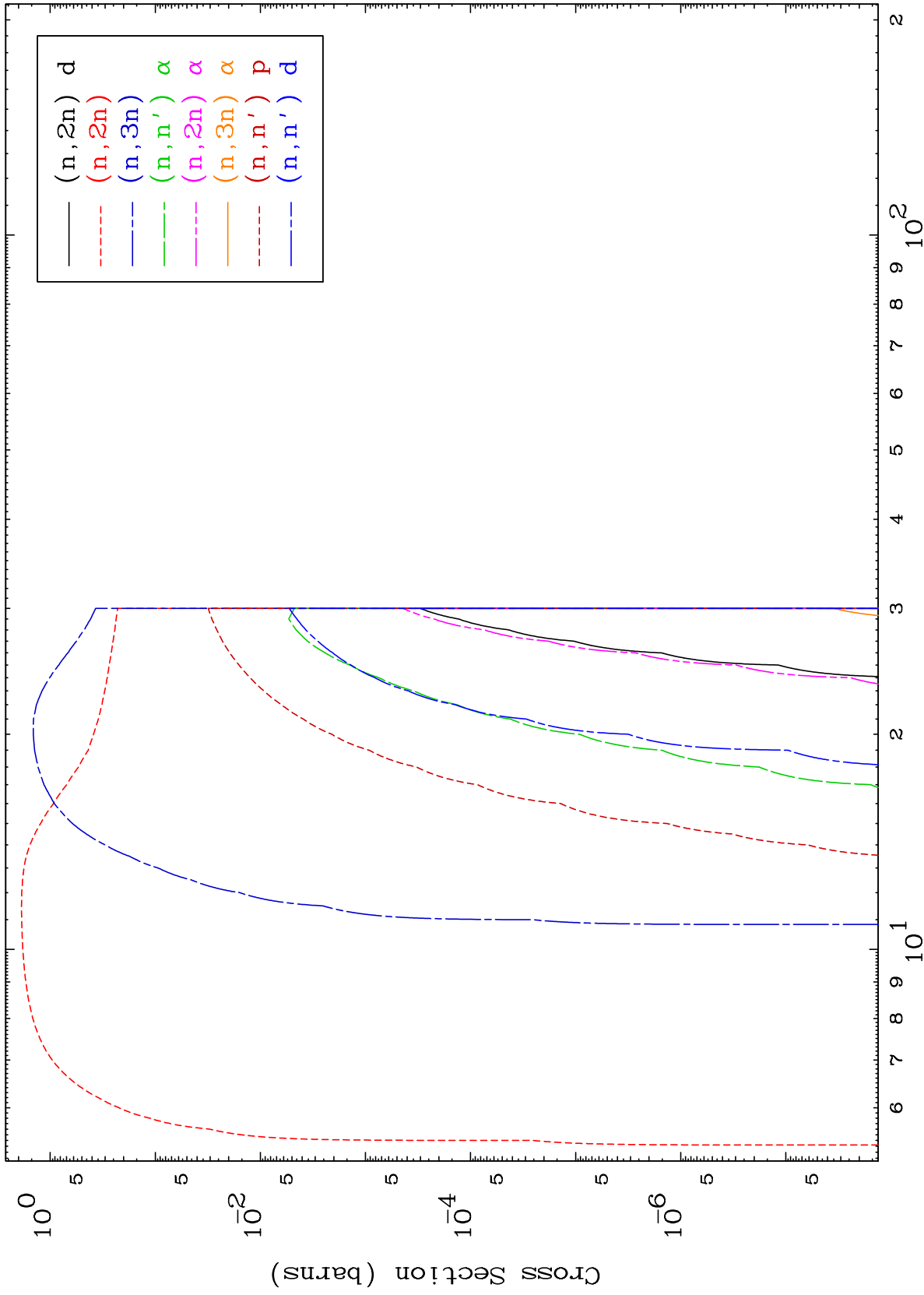
49-In-127n



MAT 4969

Neutron Absorption
293 Kelvin Cross Sections

49-In-127n



2

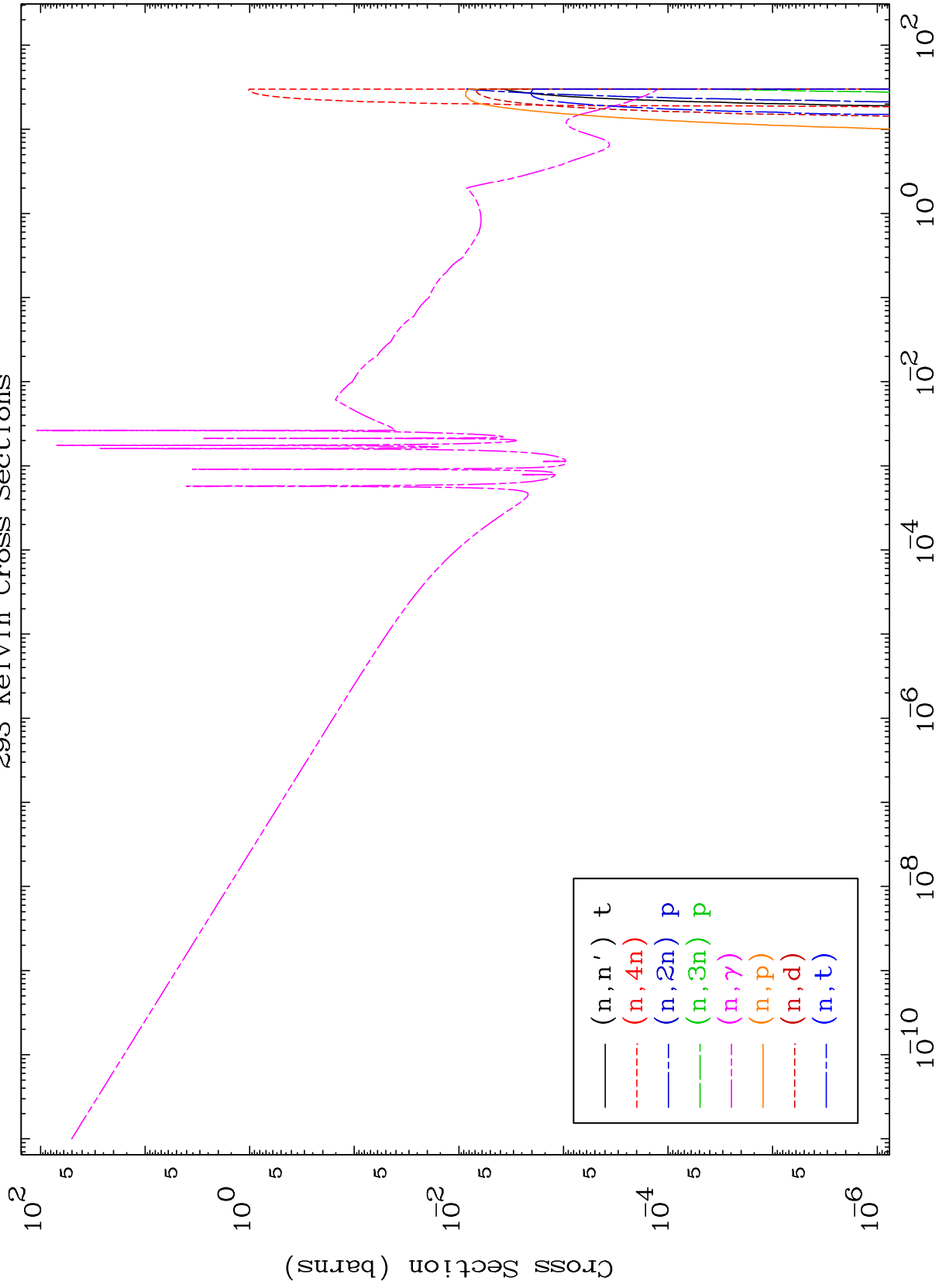
Incident Energy (MeV)

49-In-127n

MAT 4969

Neutron Absorption
293 Kelvin Cross Sections

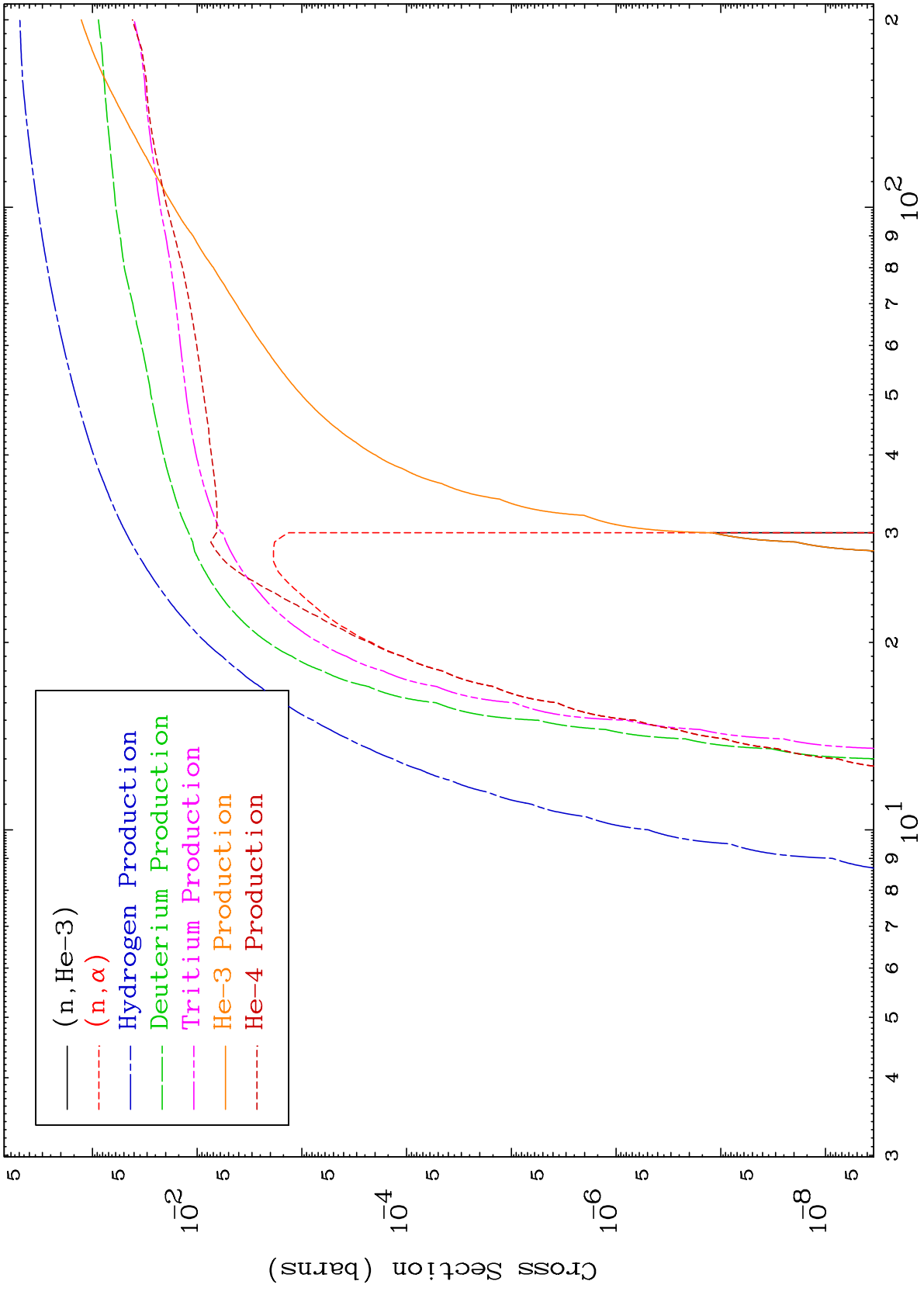
49-In-127n



MAT 4969

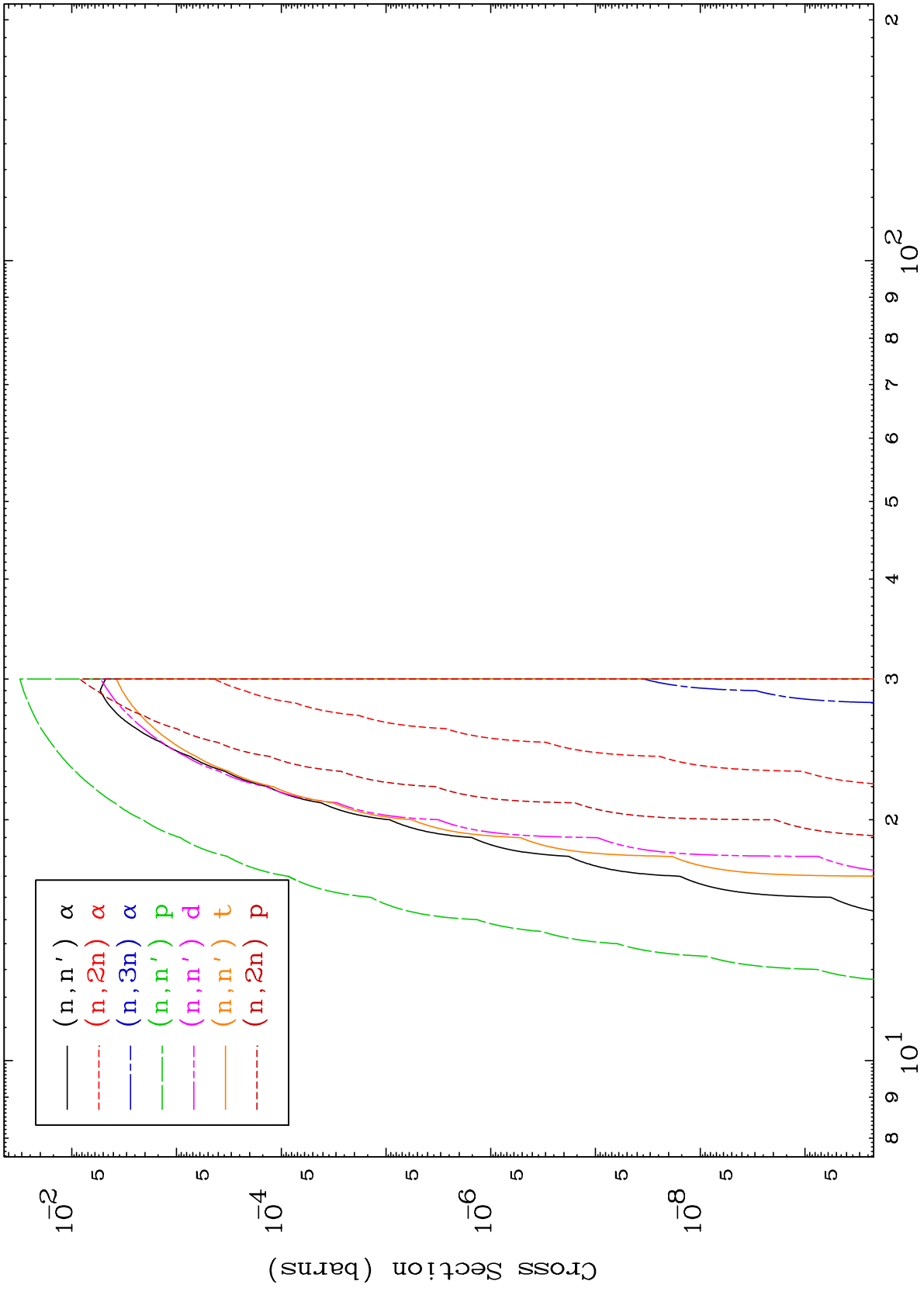
Neutron Absorption
293 Kelvin Cross Sections

49-In-127n



49-In-127n

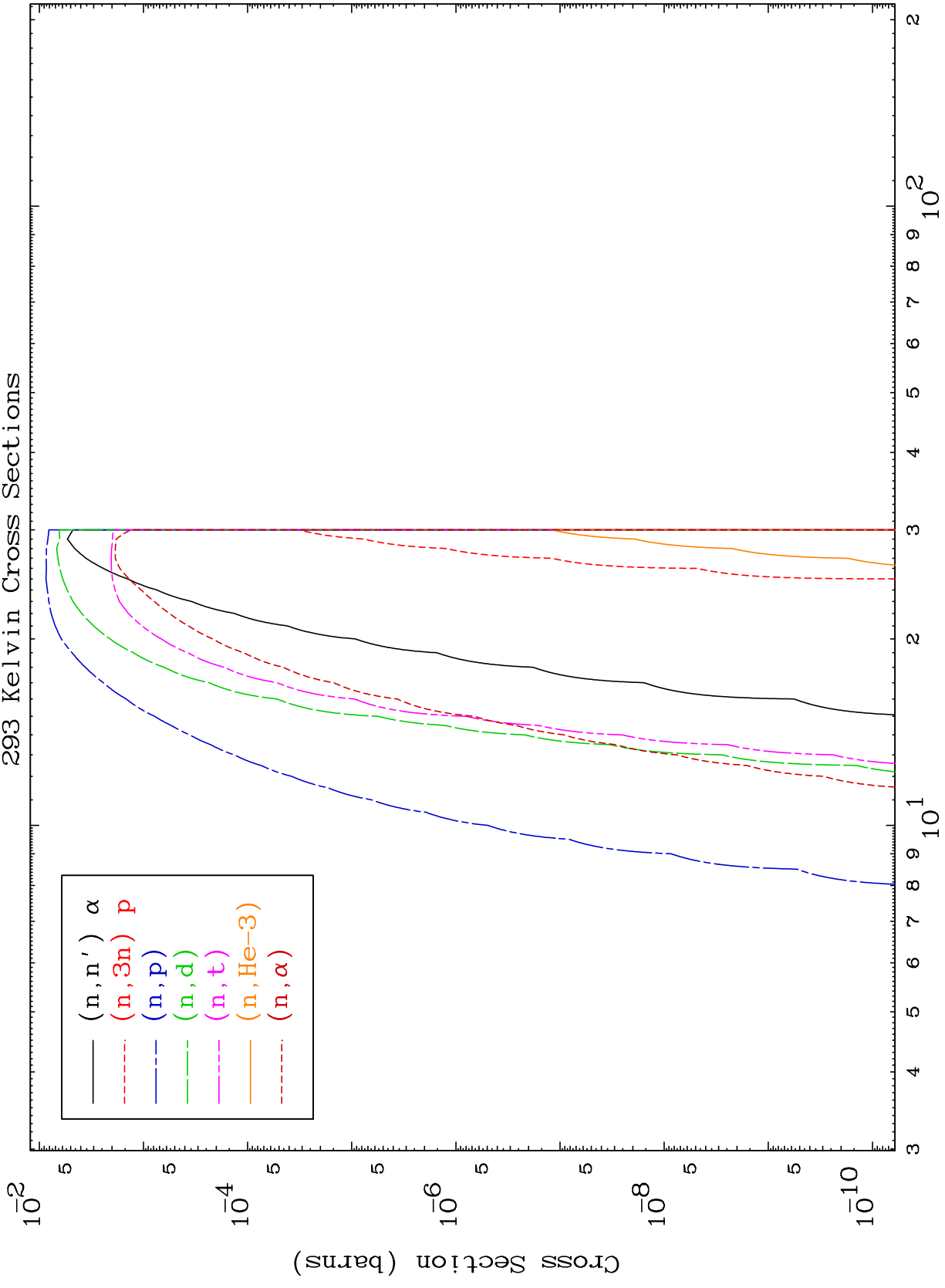
Incident Energy (MeV)



MAT 4969

Charged Particle
293 Kelvin Cross Sections

49-In-127n



6

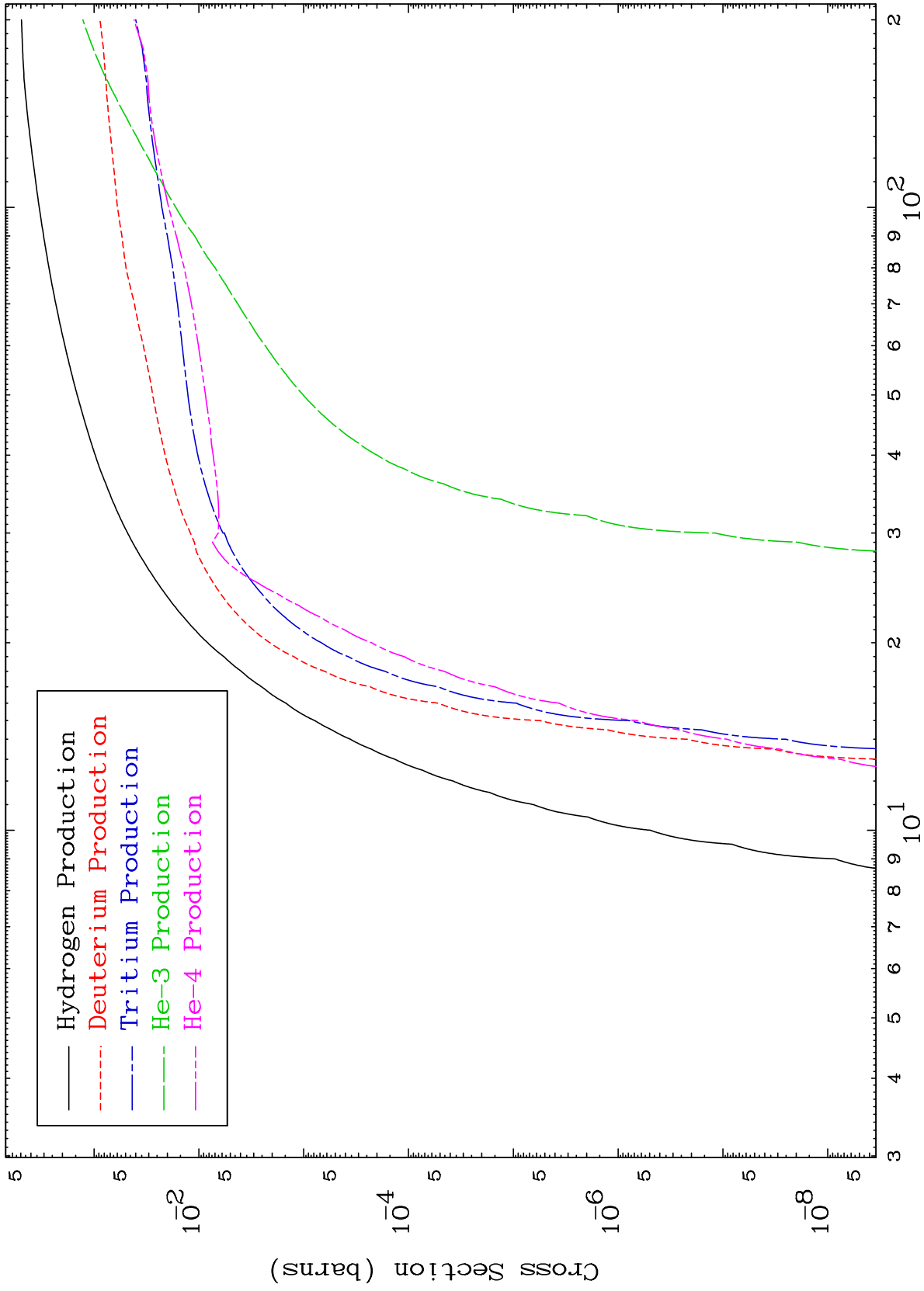
Incident Energy (MeV)

49-In-127n

MAT 4969

Particle Production
293 Kelvin Cross Sections

49-In-127n



7

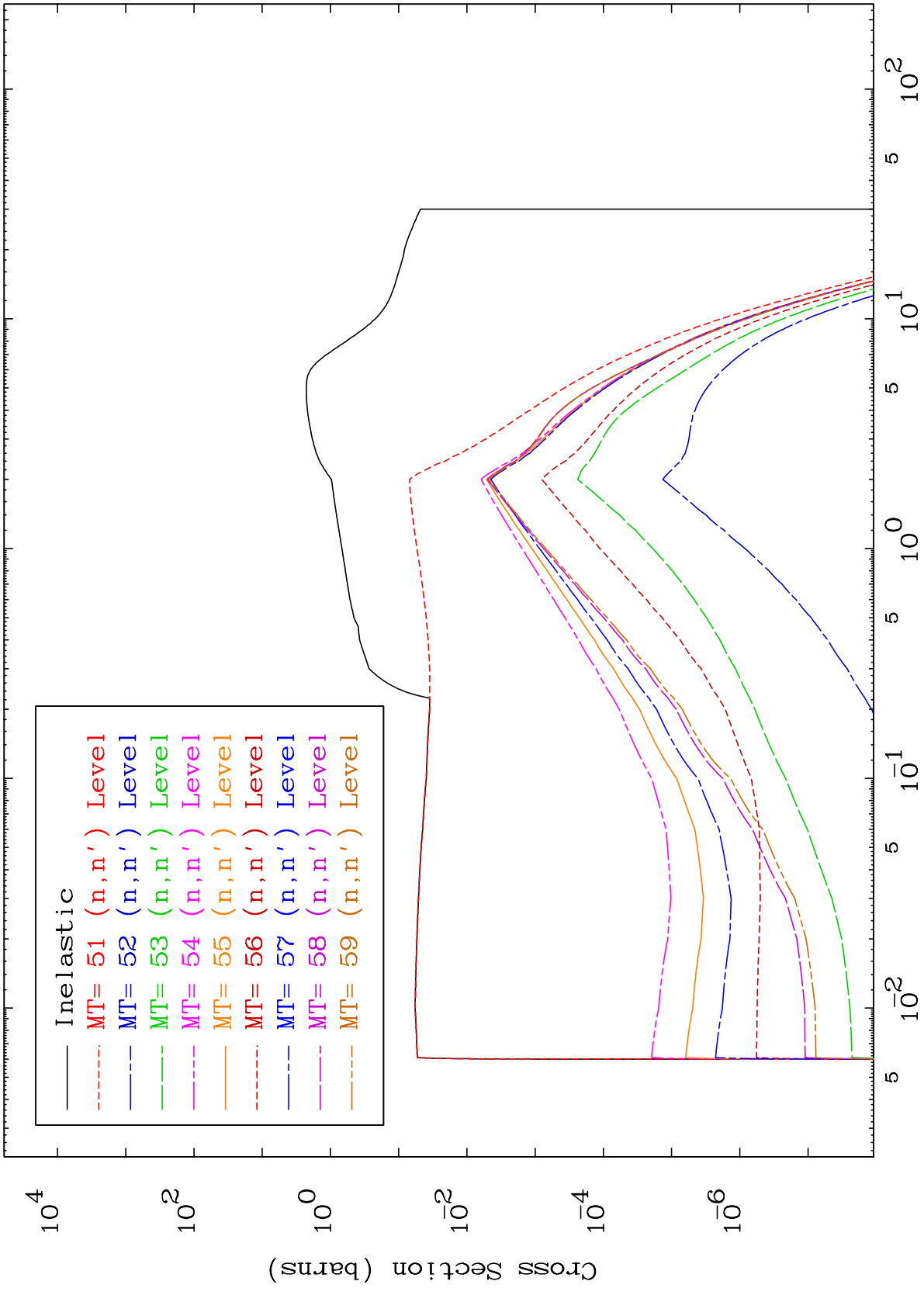
Incident Energy (MeV)

49-In-127n

MAT 4969

293 Kelvin Cross Sections

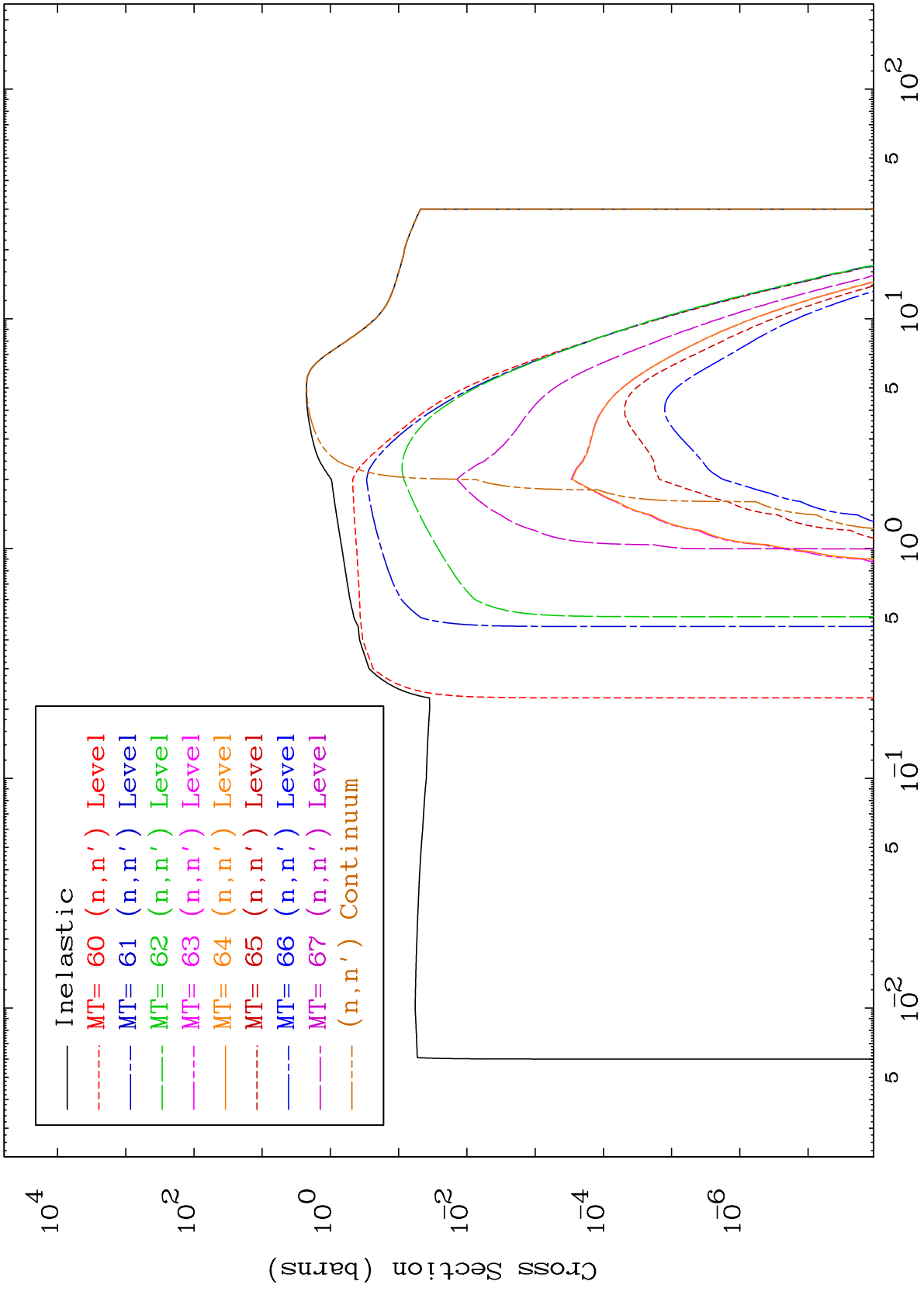
49-In-127n



MAT 4969

(n,n') Levels
293 Kelvin Cross Sections

49-In-127n

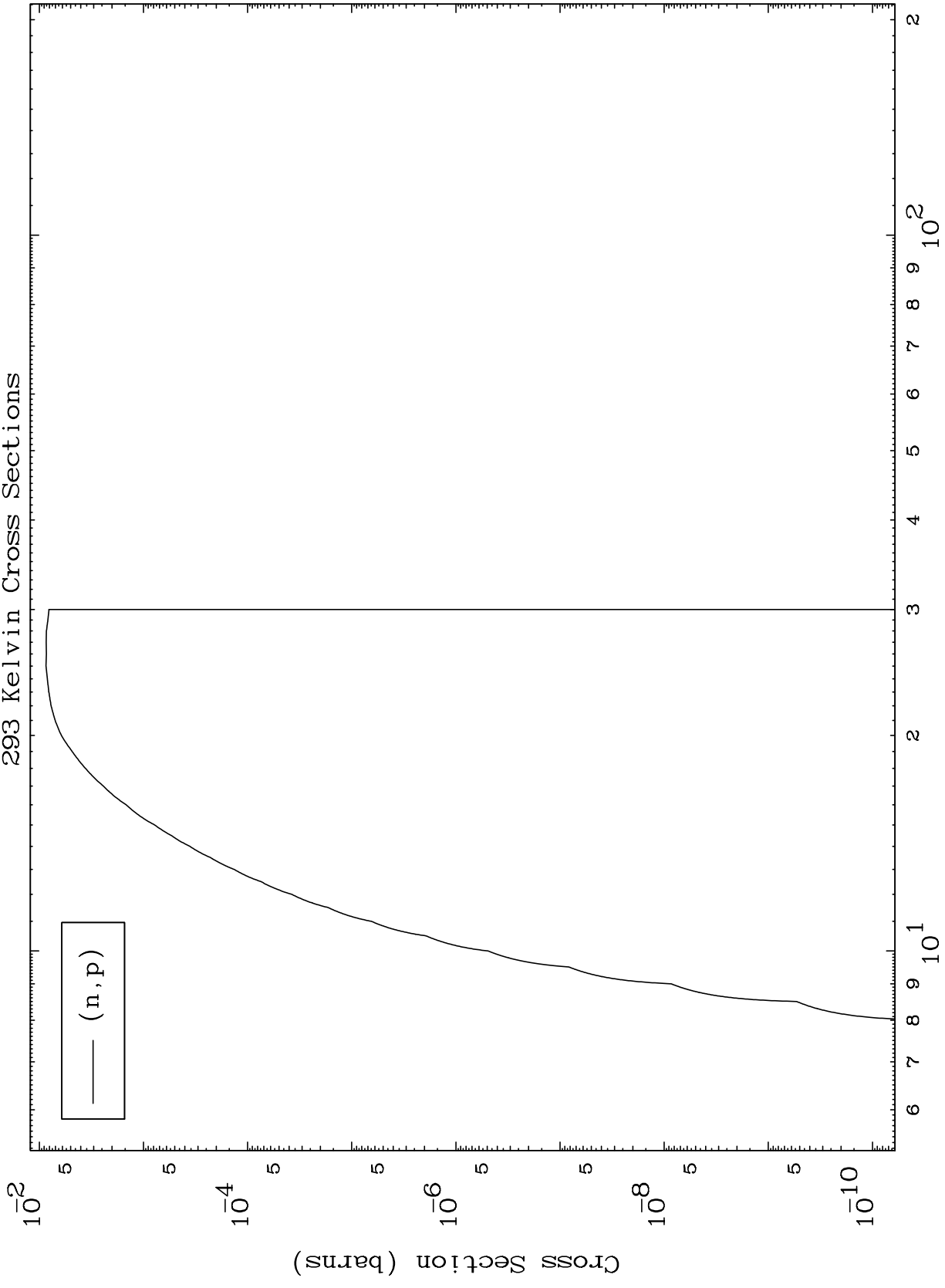


49-In-127n

MAT 4969

(n,p) Levels
293 Kelvin Cross Sections

49-In-127n



10

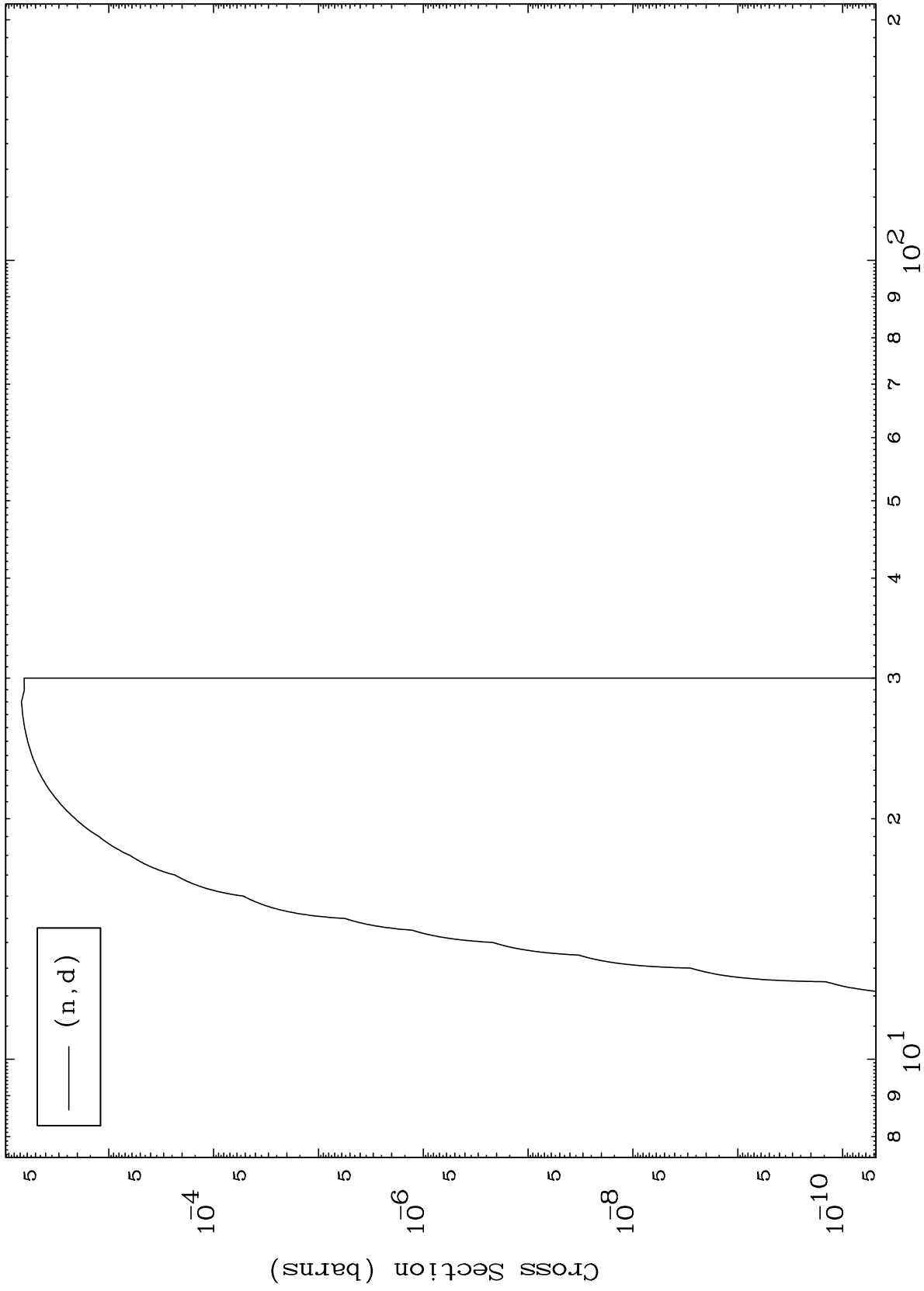
Incident Energy (MeV)

49-In-127n

MAT 4969

(n,d) Levels
293 Kelvin Cross Sections

49-In-127n



11

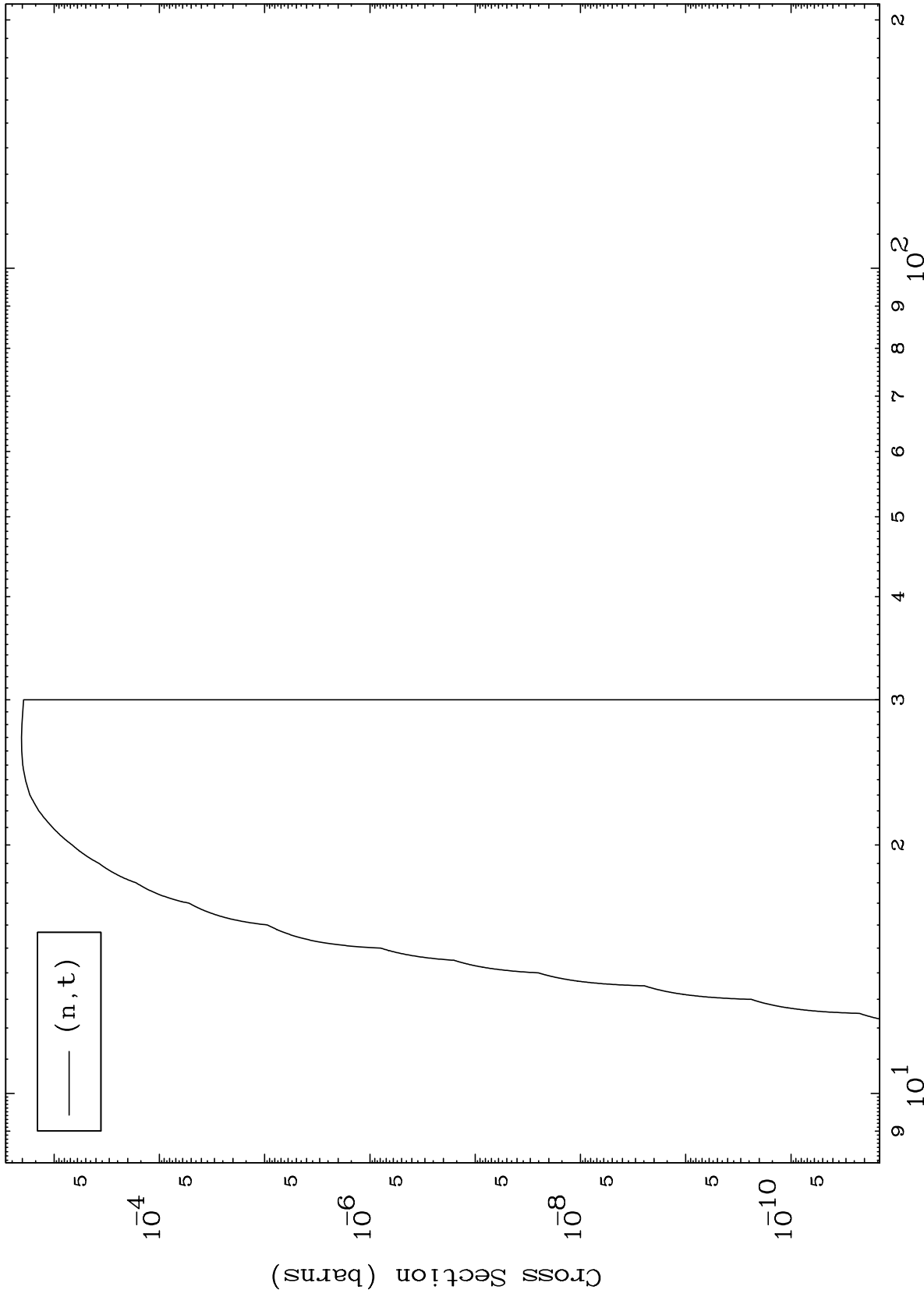
Incident Energy (MeV)

49-In-127n

MAT 4969

(n,t) Levels
293 Kelvin Cross Sections

49-In-127n



12

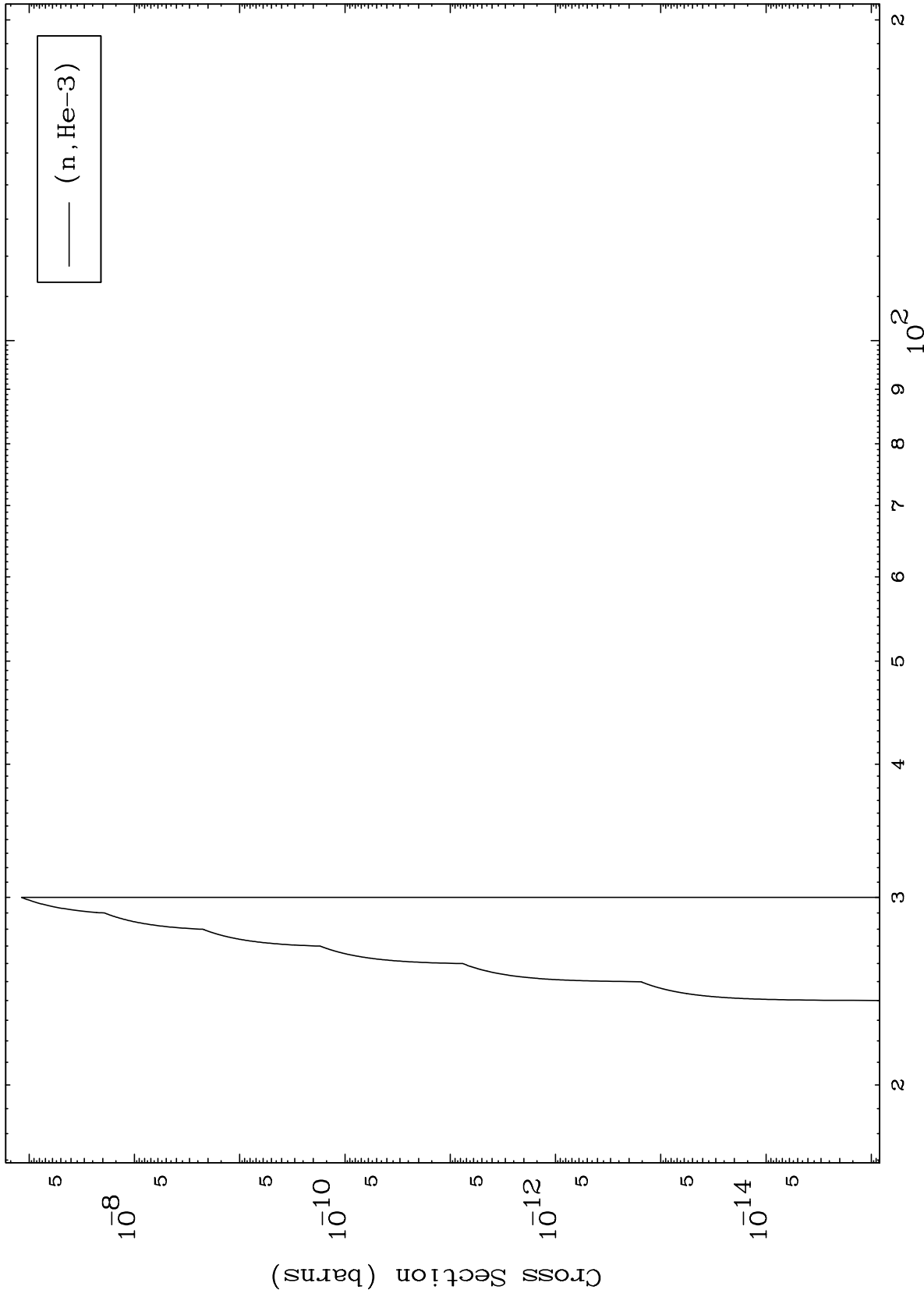
Incident Energy (MeV)

49-In-127n

MAT 4969

(n,He3) Levels
293 Kelvin Cross Sections

49-In-127n



13

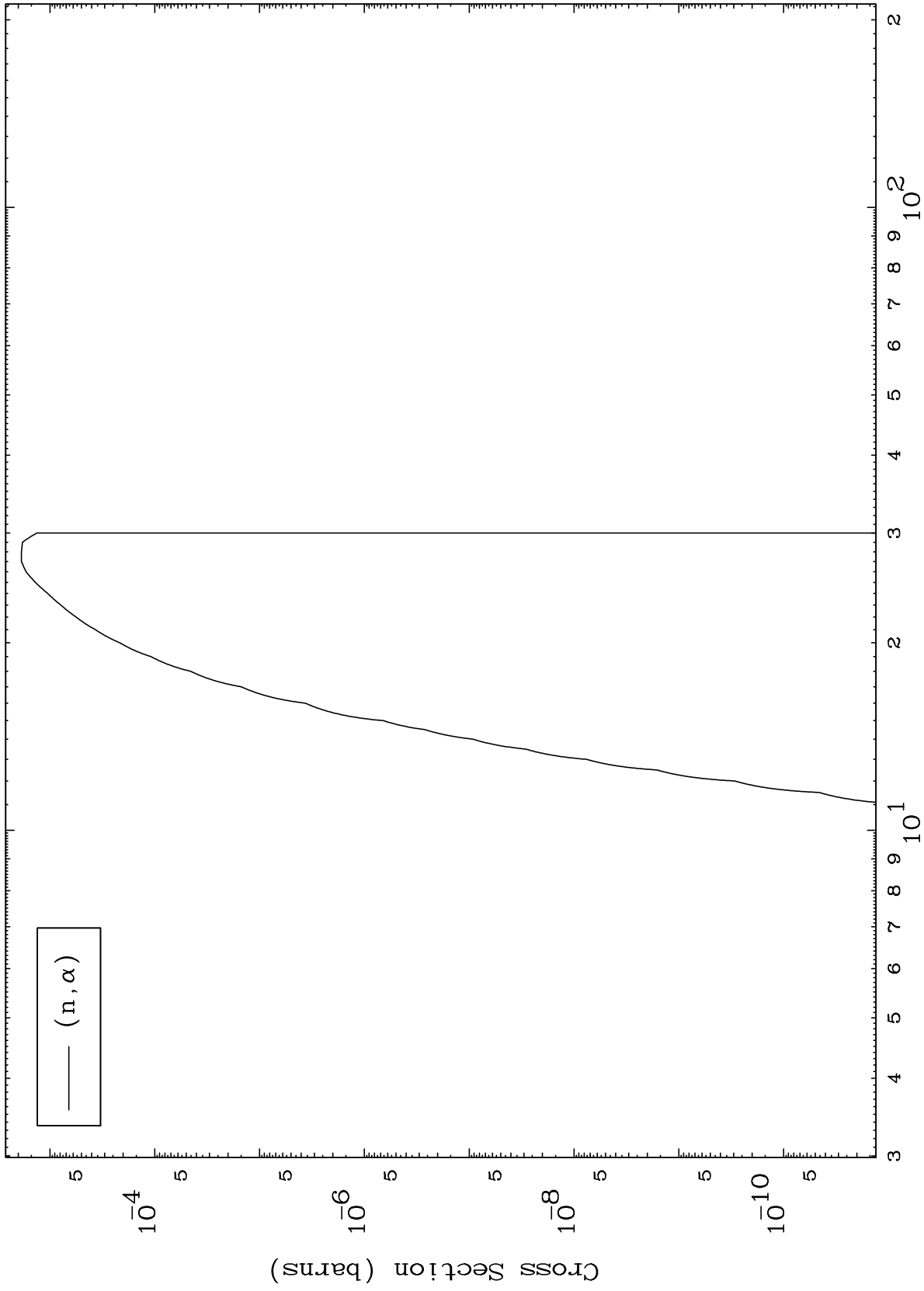
Incident Energy (MeV)

49-In-127n

MAT 4969

(n,α) Levels
293 Kelvin Cross Sections

49-In-127n



14

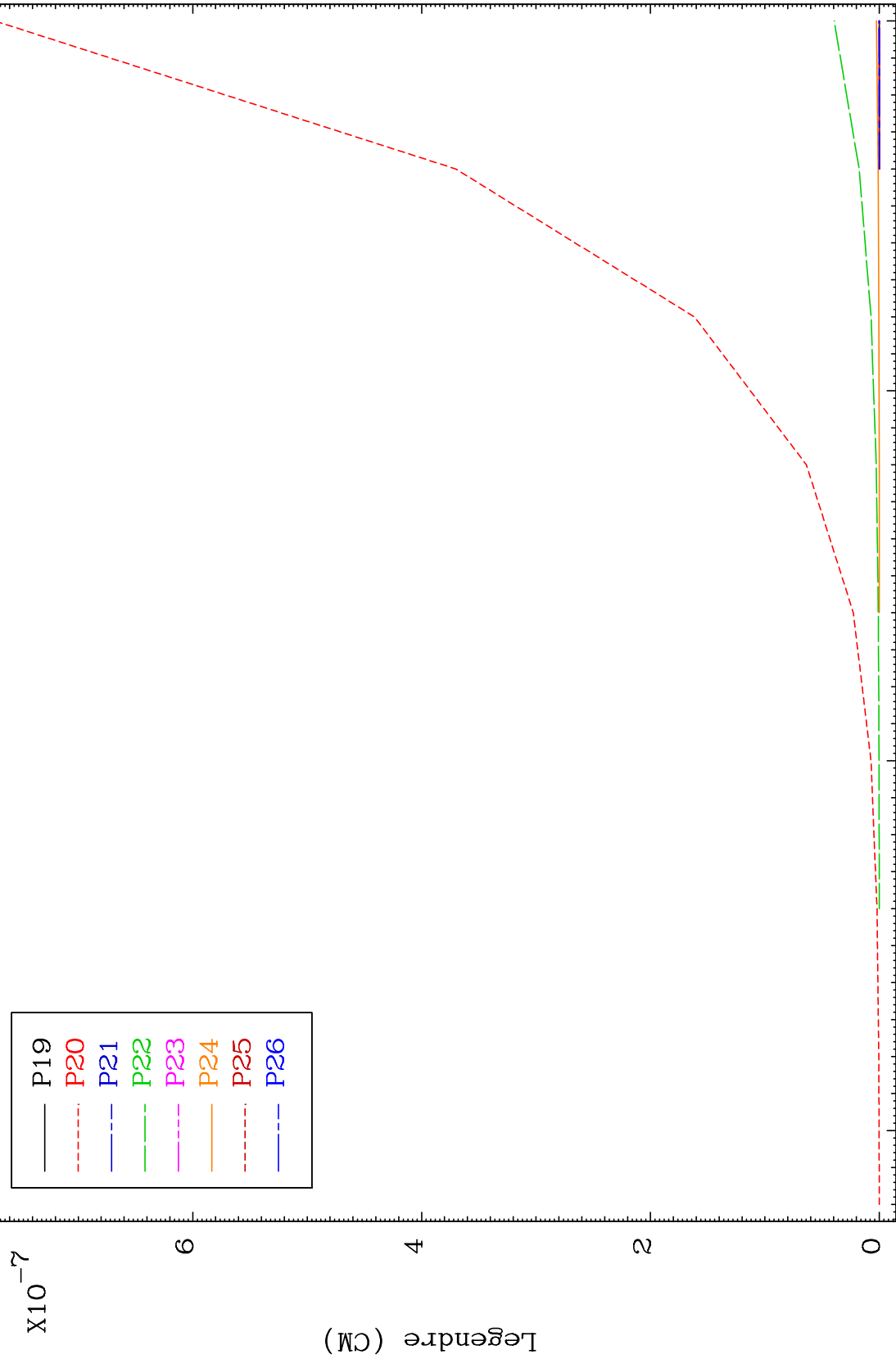
Incident Energy (MeV)

49-In-127n

MAT 4969

Elastic Legendre Coefficients

49-In-127n



17

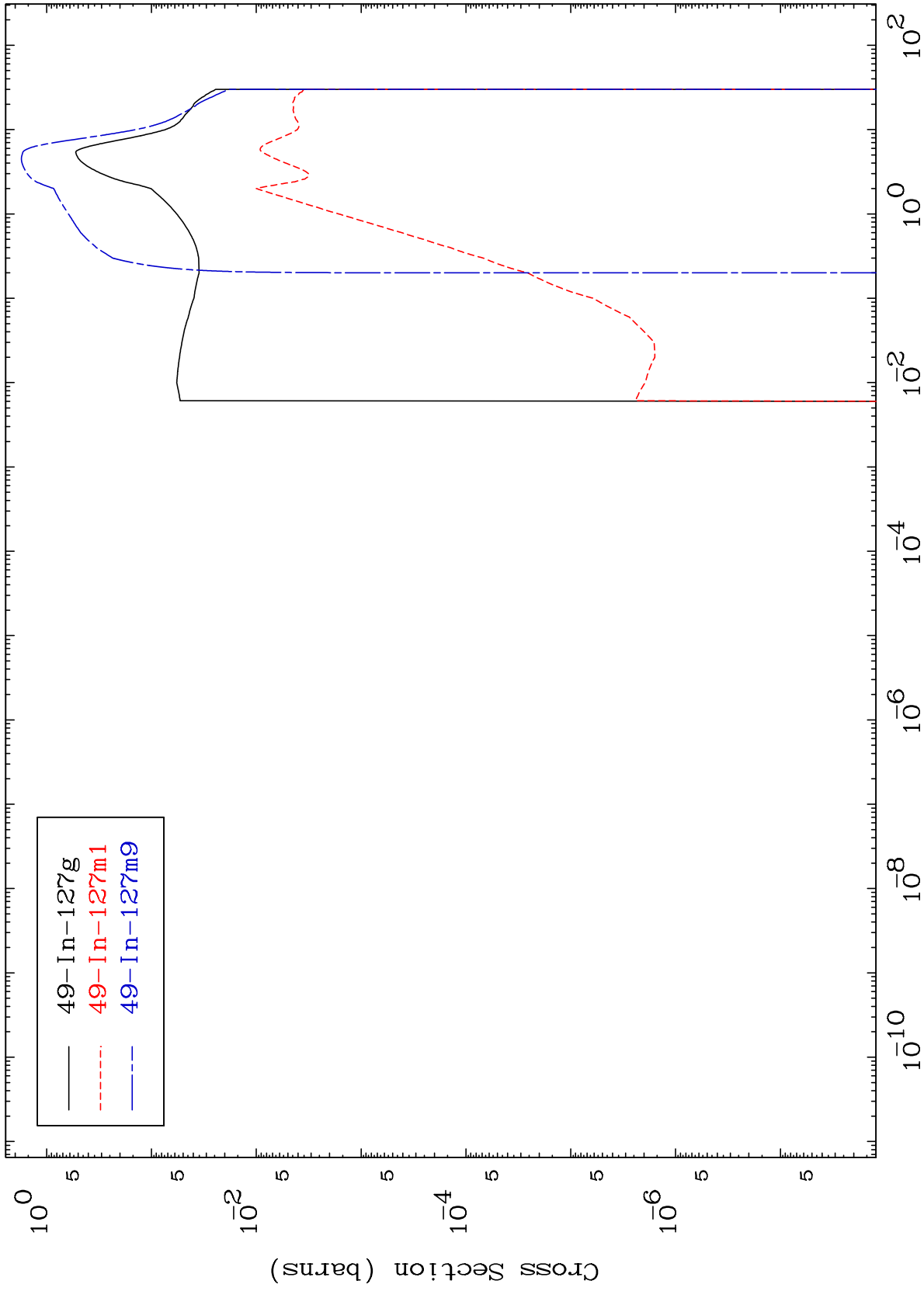
Incident Energy (MeV)

49-In-127n

MAT 4969

49-In-127n

Inelastic
Radionuclide Production Cross Section

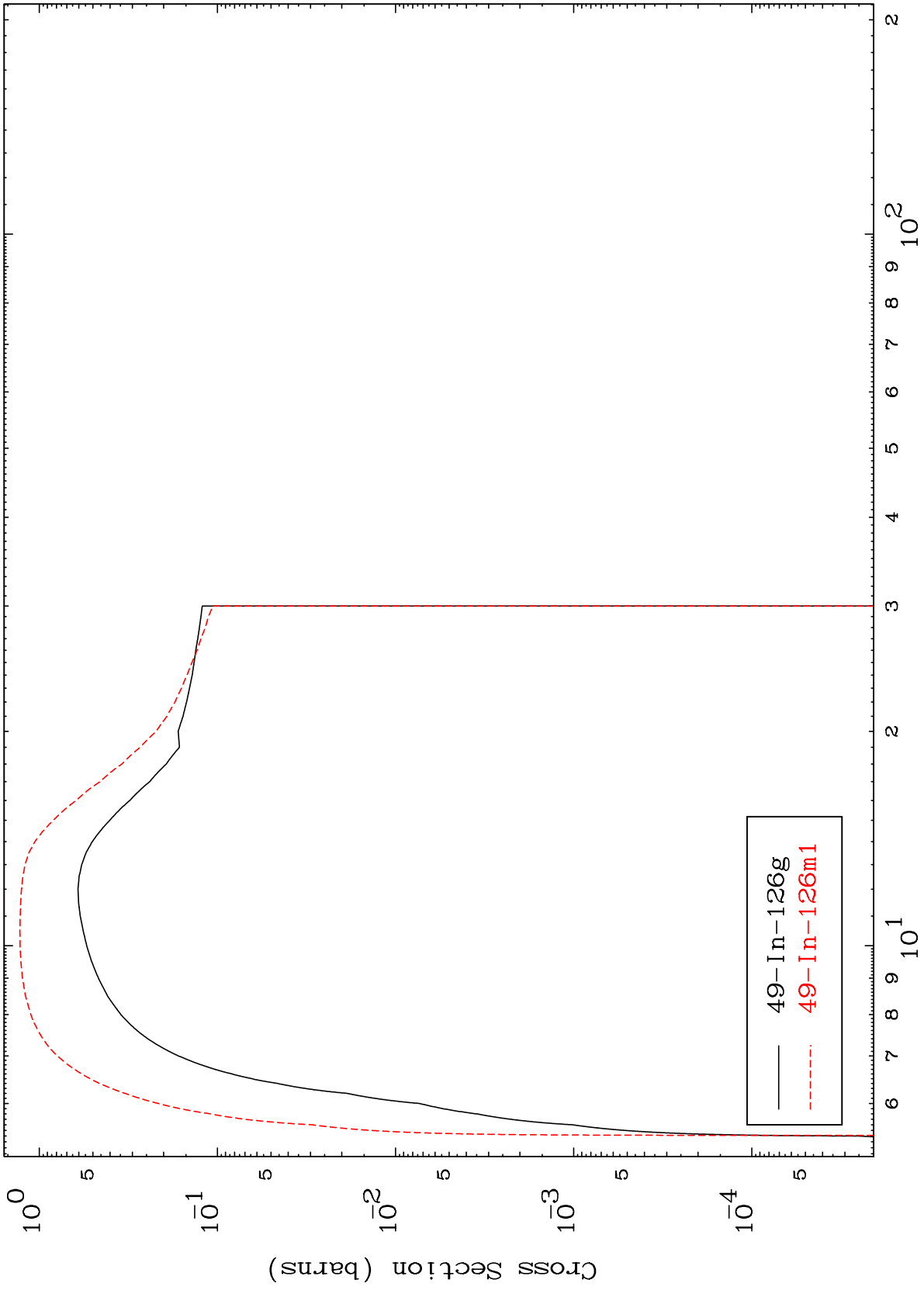


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49-In-127n

Radionuclide Production Cross Section

(n,2n)



19

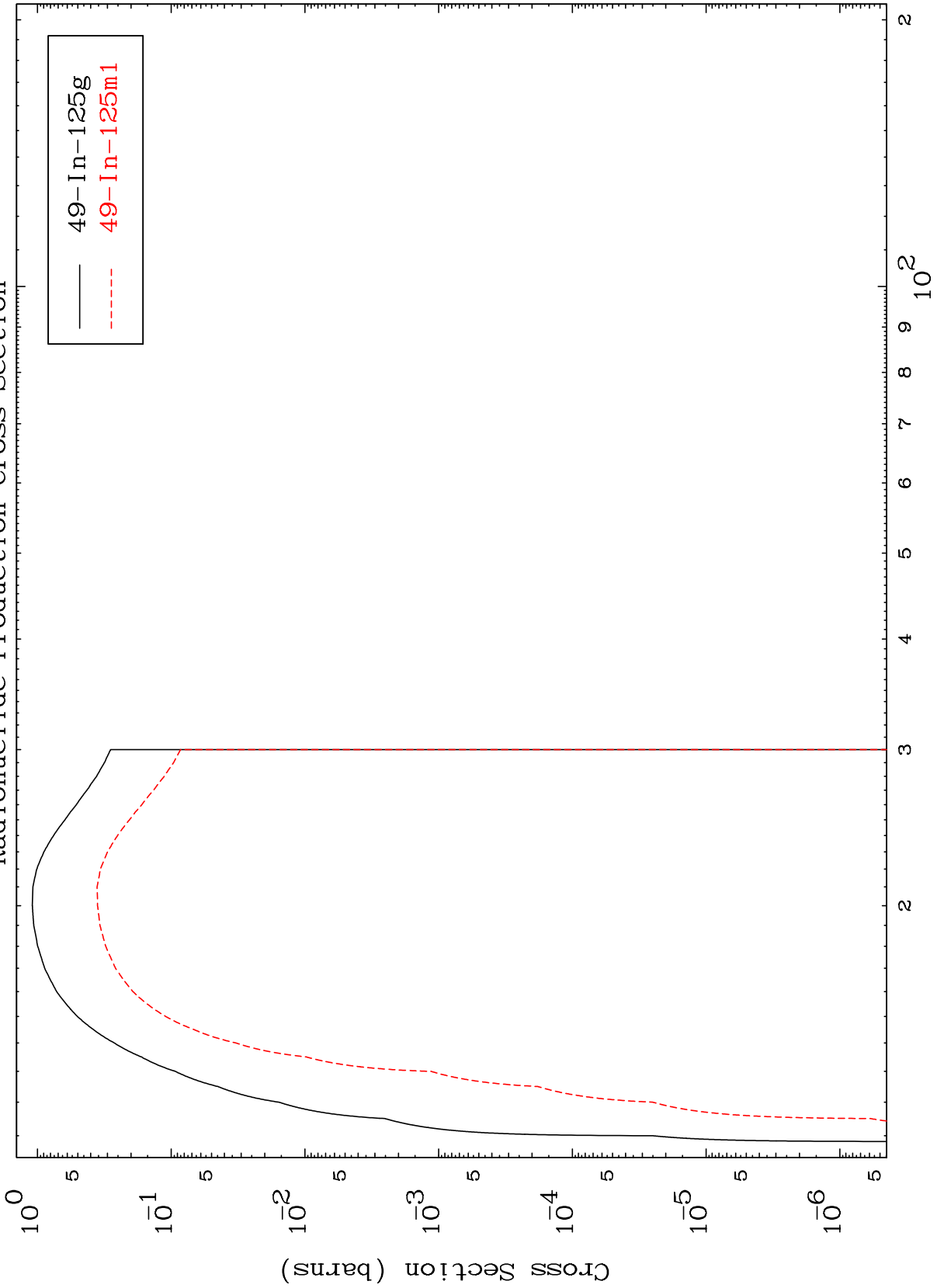
49-In-127n

MAT 4969

(n,3n)

49-In-127n

Radionuclide Production Cross Section



49-In-125g
49-In-125m1

20

Incident Energy (MeV)

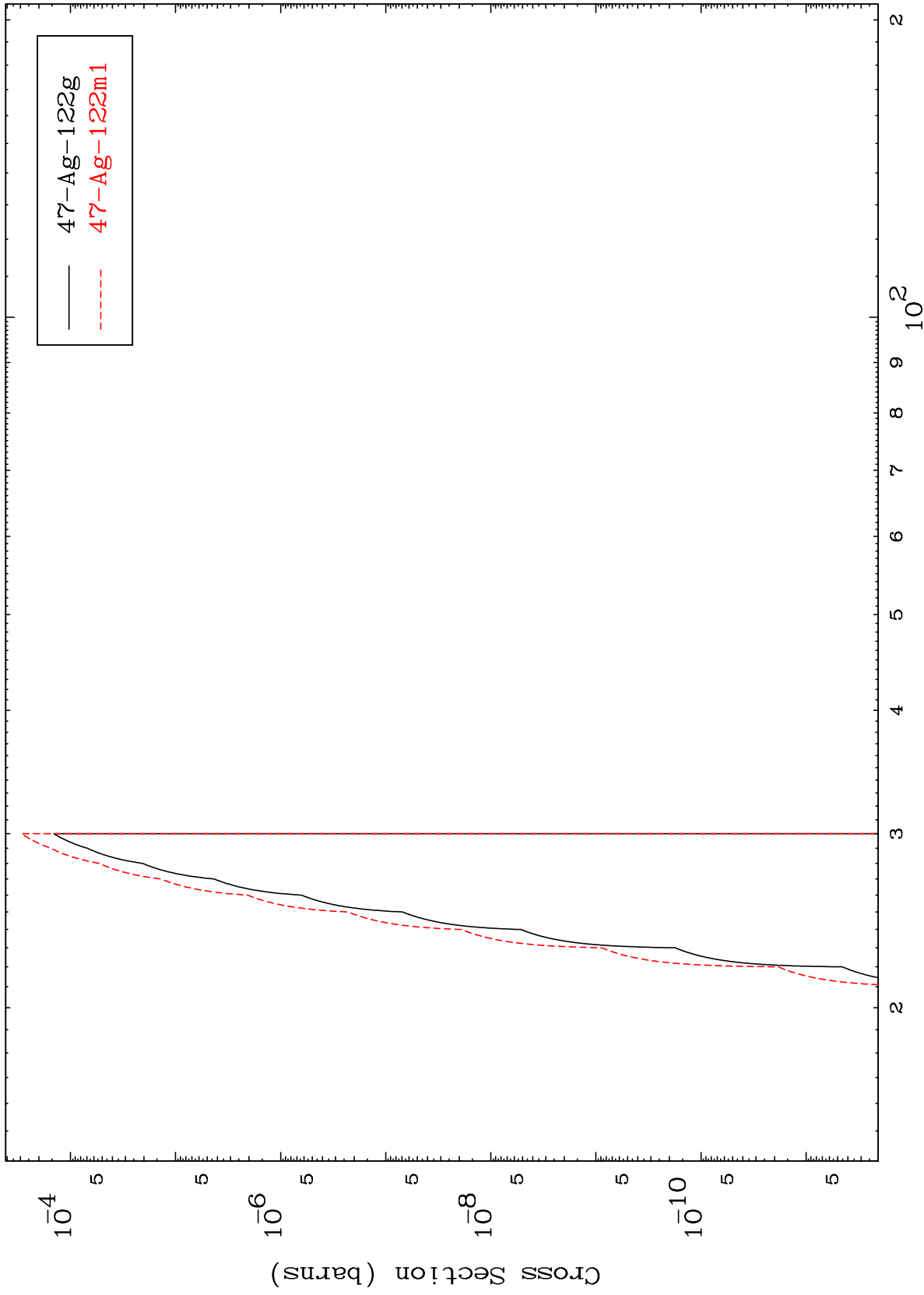
49-In-127n

MAT 4969

(n,2n) α

49-In-127n

Radionuclide Production Cross Section



21

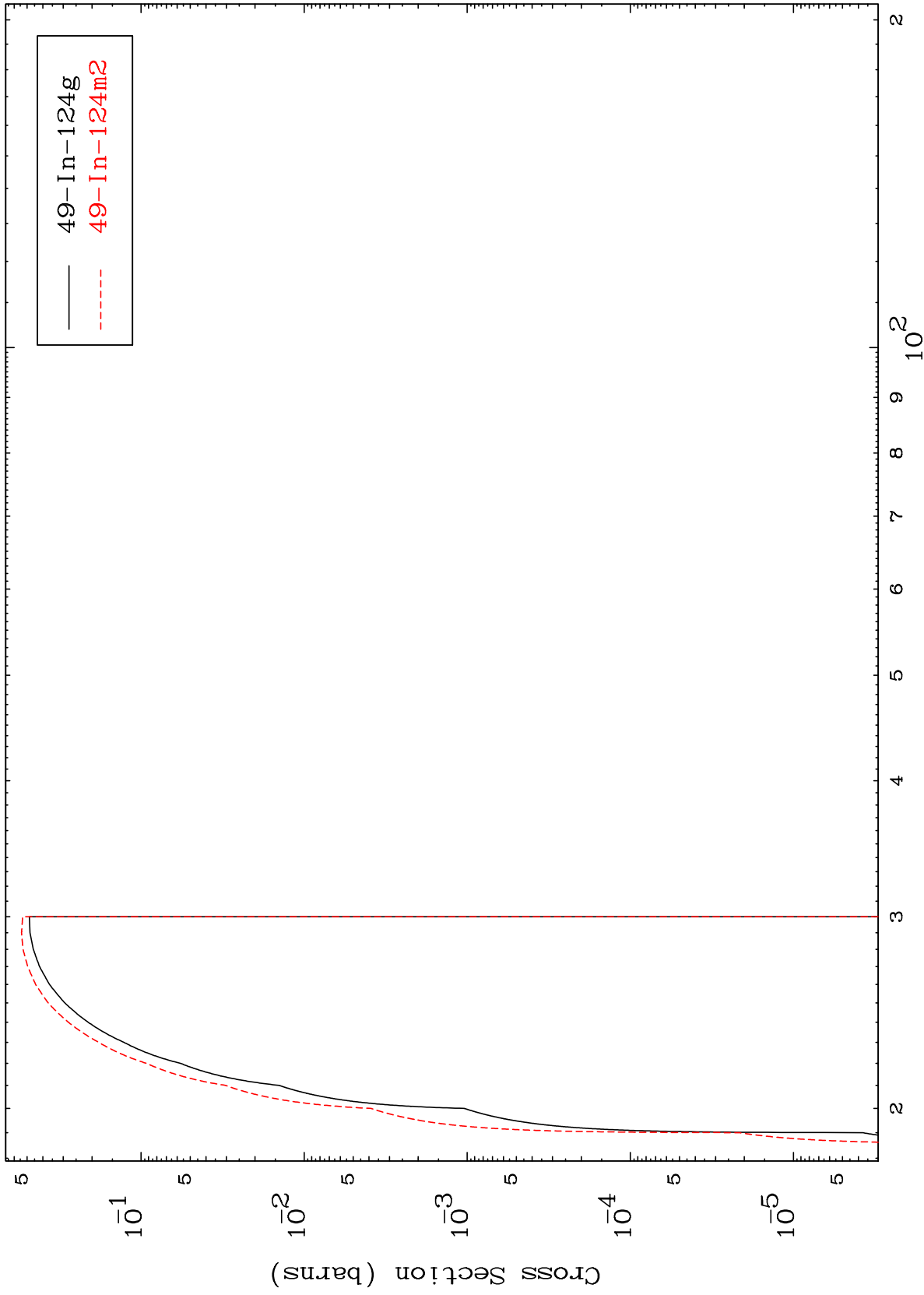
Incident Energy (MeV)

49-In-127n

MAT 4969

49-In-127n

(n,4n)
Radionuclide Production Cross Section



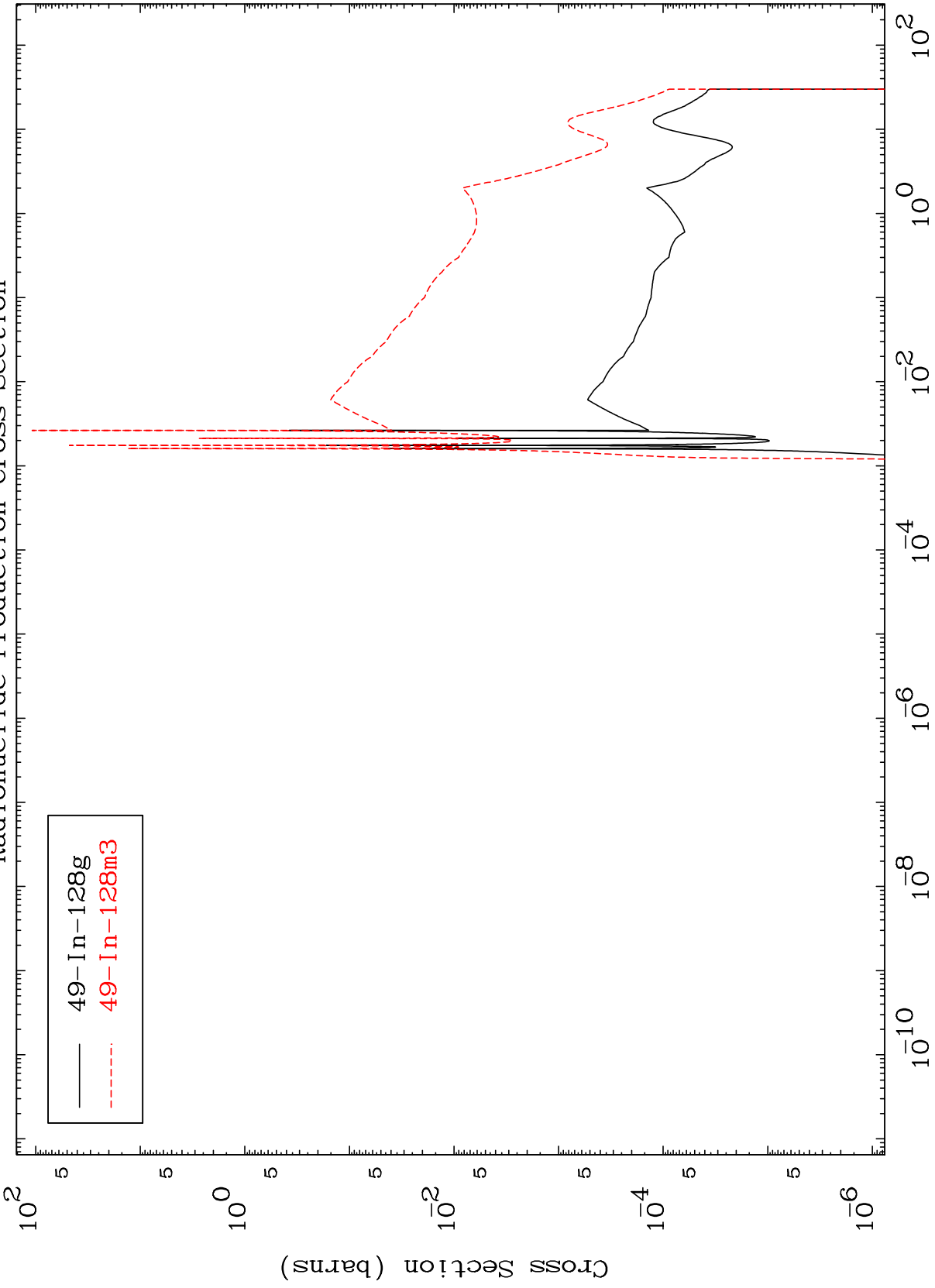
22

49-In-127n

MAT 4969

(n,γ)
Radionuclide Production Cross Section

49-In-127n



23

Incident Energy (MeV)

49-In-127n