

Program EVALPLOT
(Version 2021-1)

by

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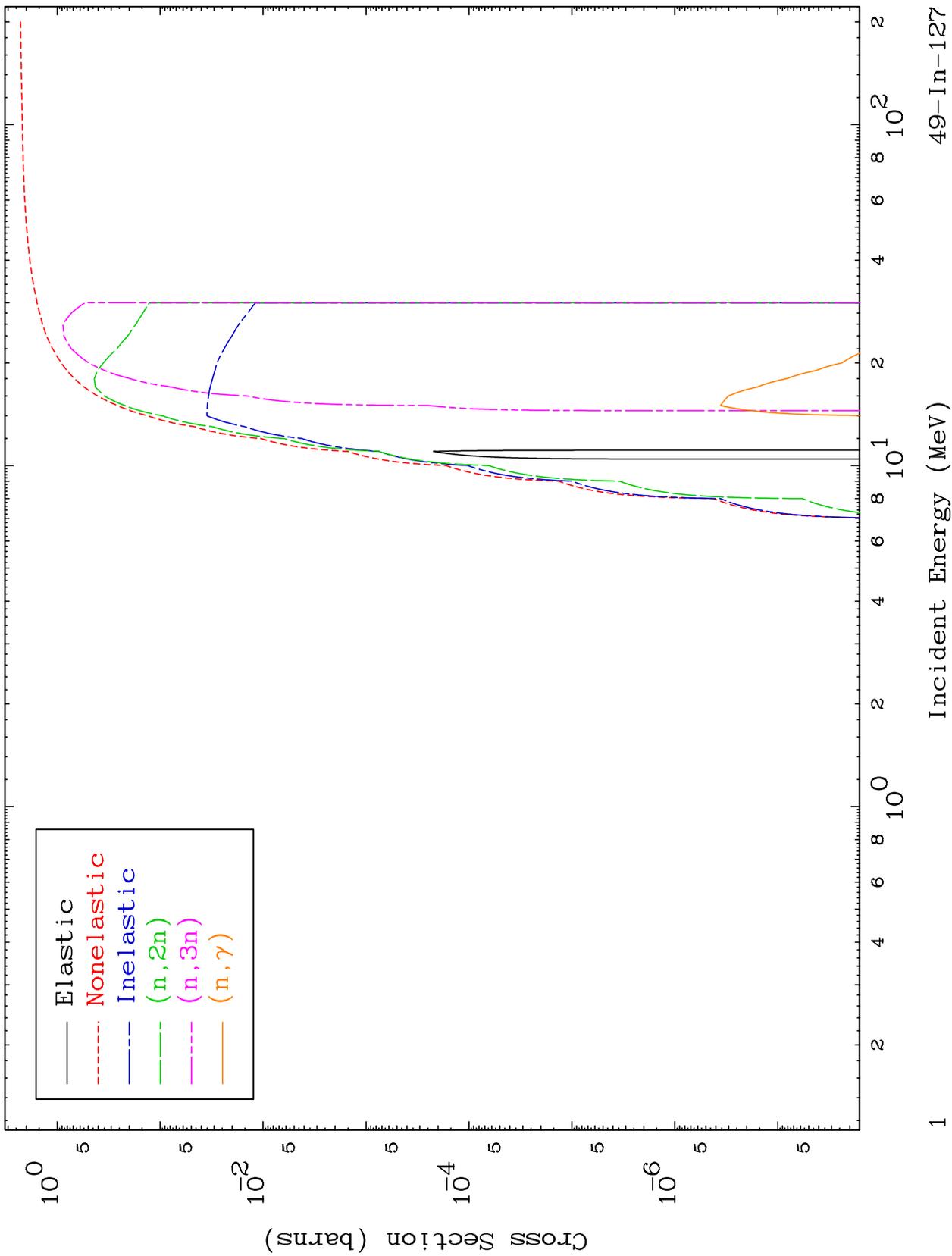
Press Mouse Button to Start

MAT 4967

0 Kelvin

Major Cross Sections

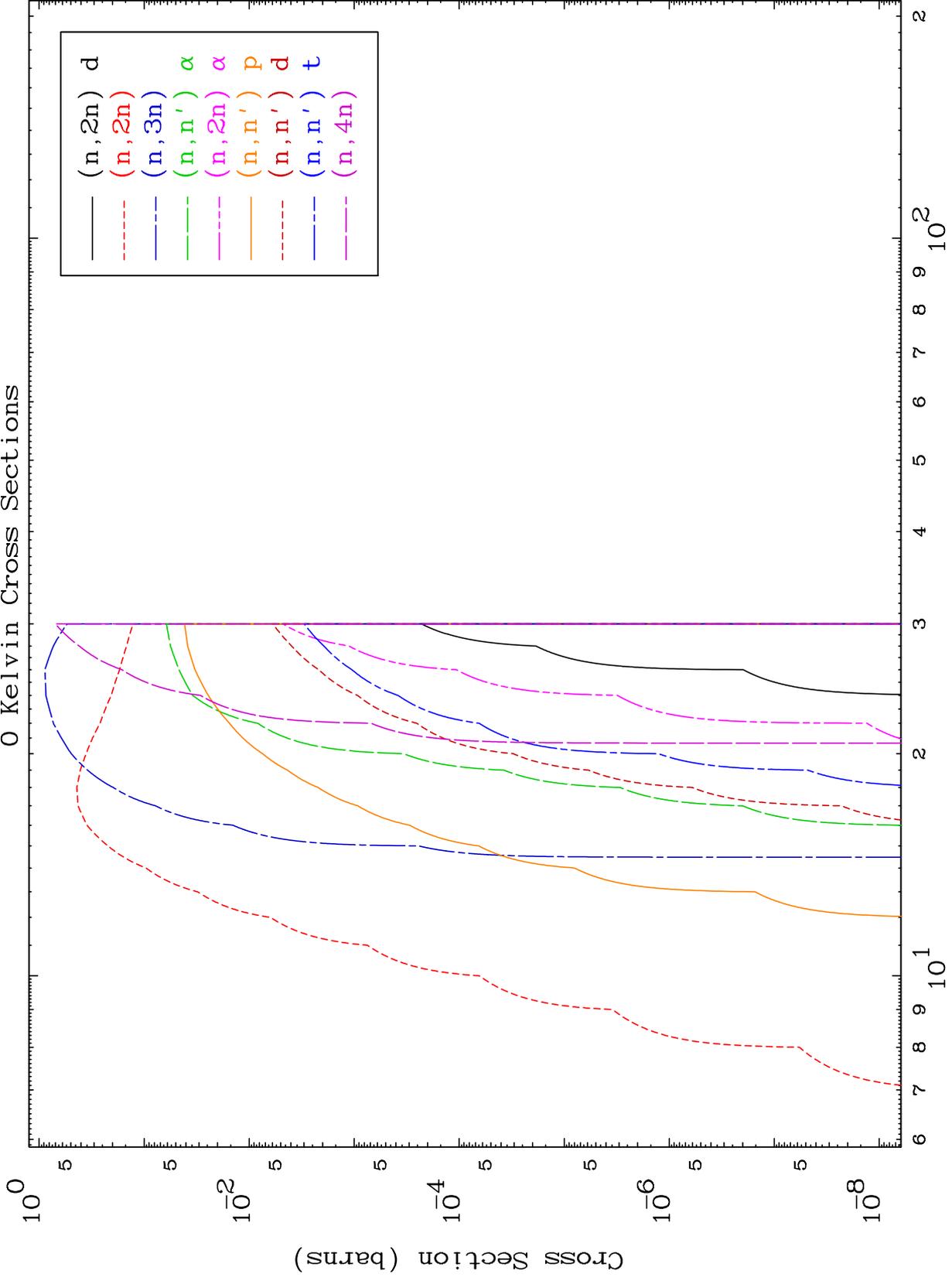
49-In-127



MAT 4967

α Neutron Absorption
0 Kelvin Cross Sections

49-In-127



2

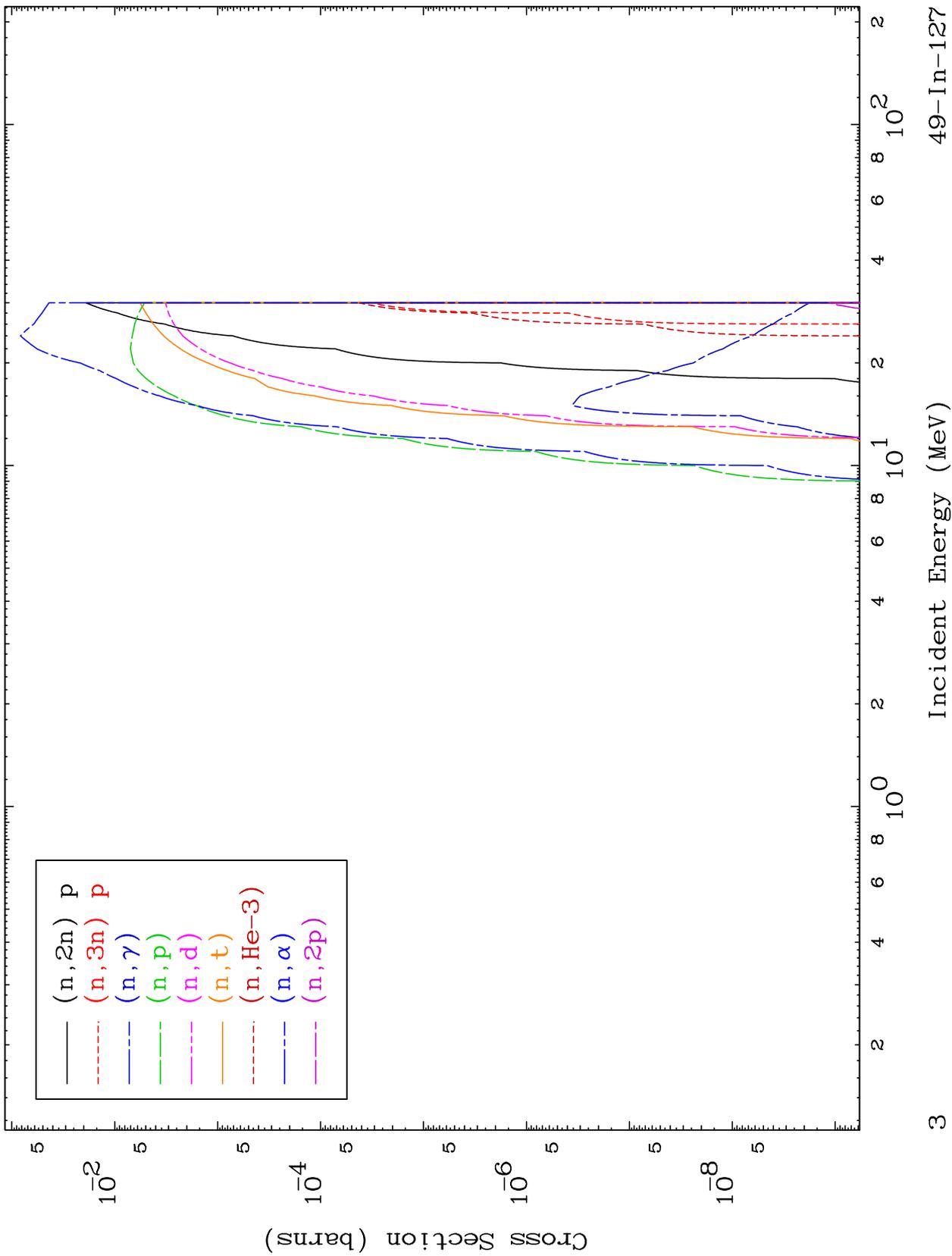
Incident Energy (MeV)

49-In-127

MAT 4967

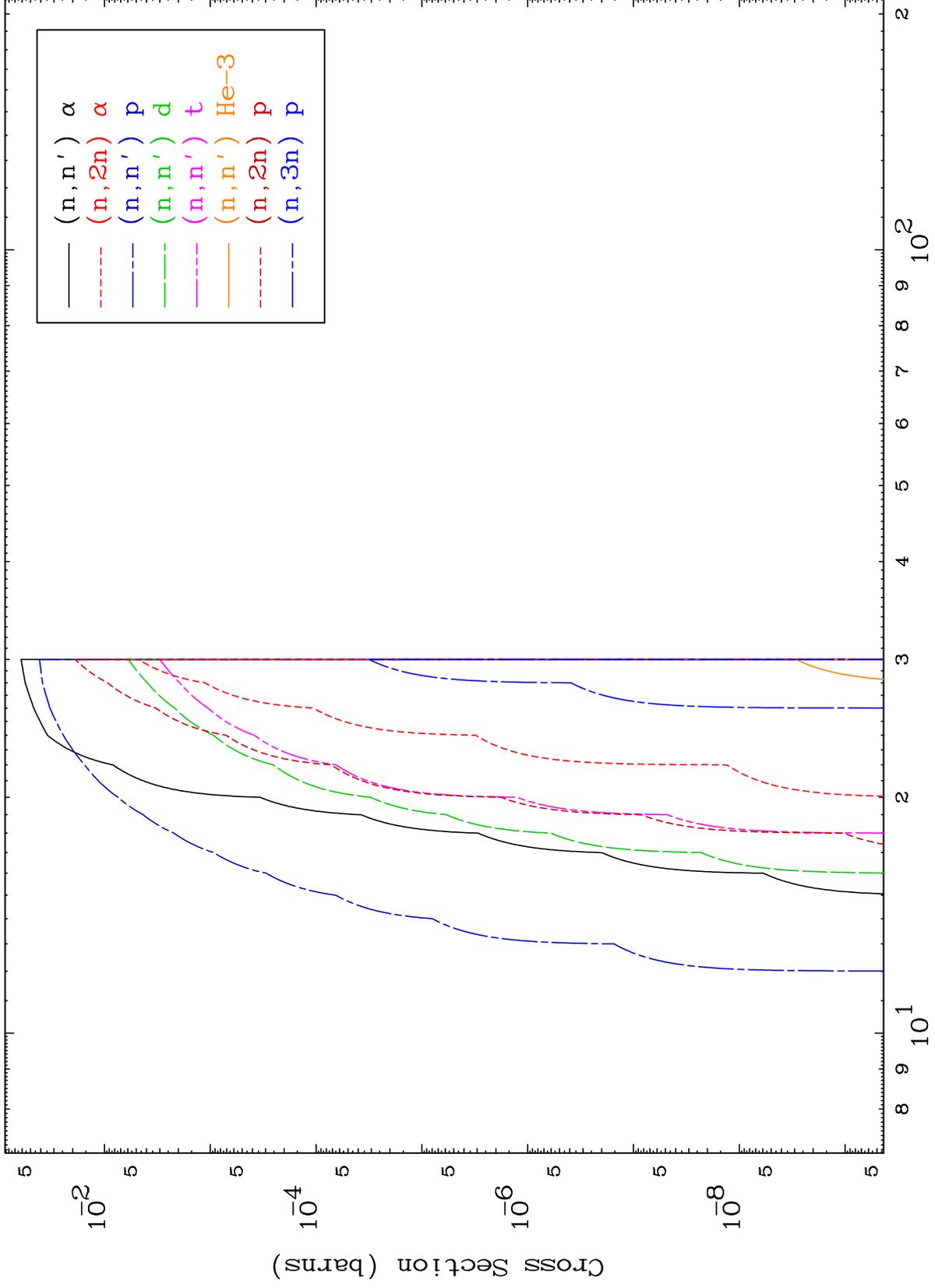
α Neutron Absorption
0 Kelvin Cross Sections

49-In-127

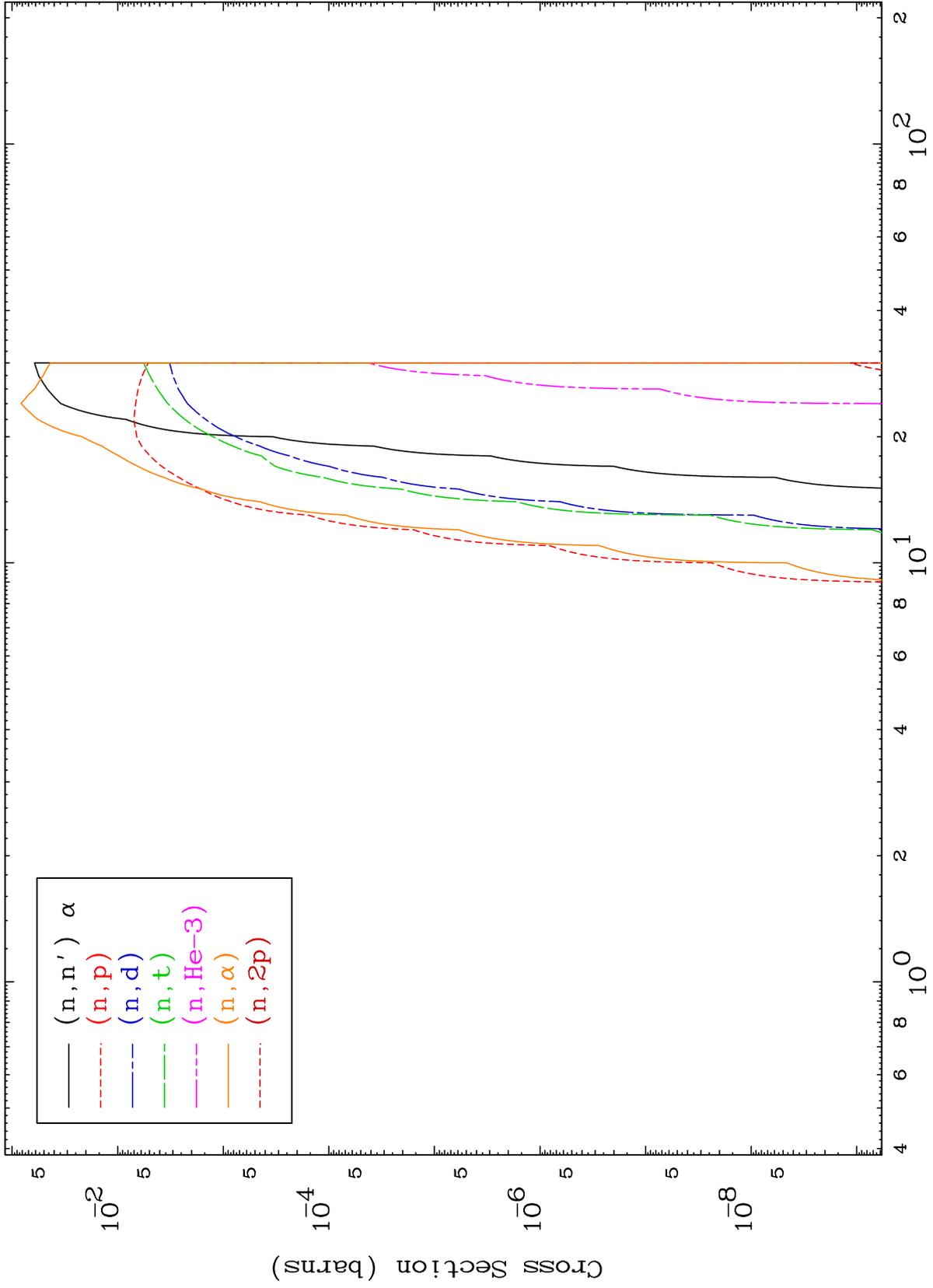


49-In-127

Incident Energy (MeV)



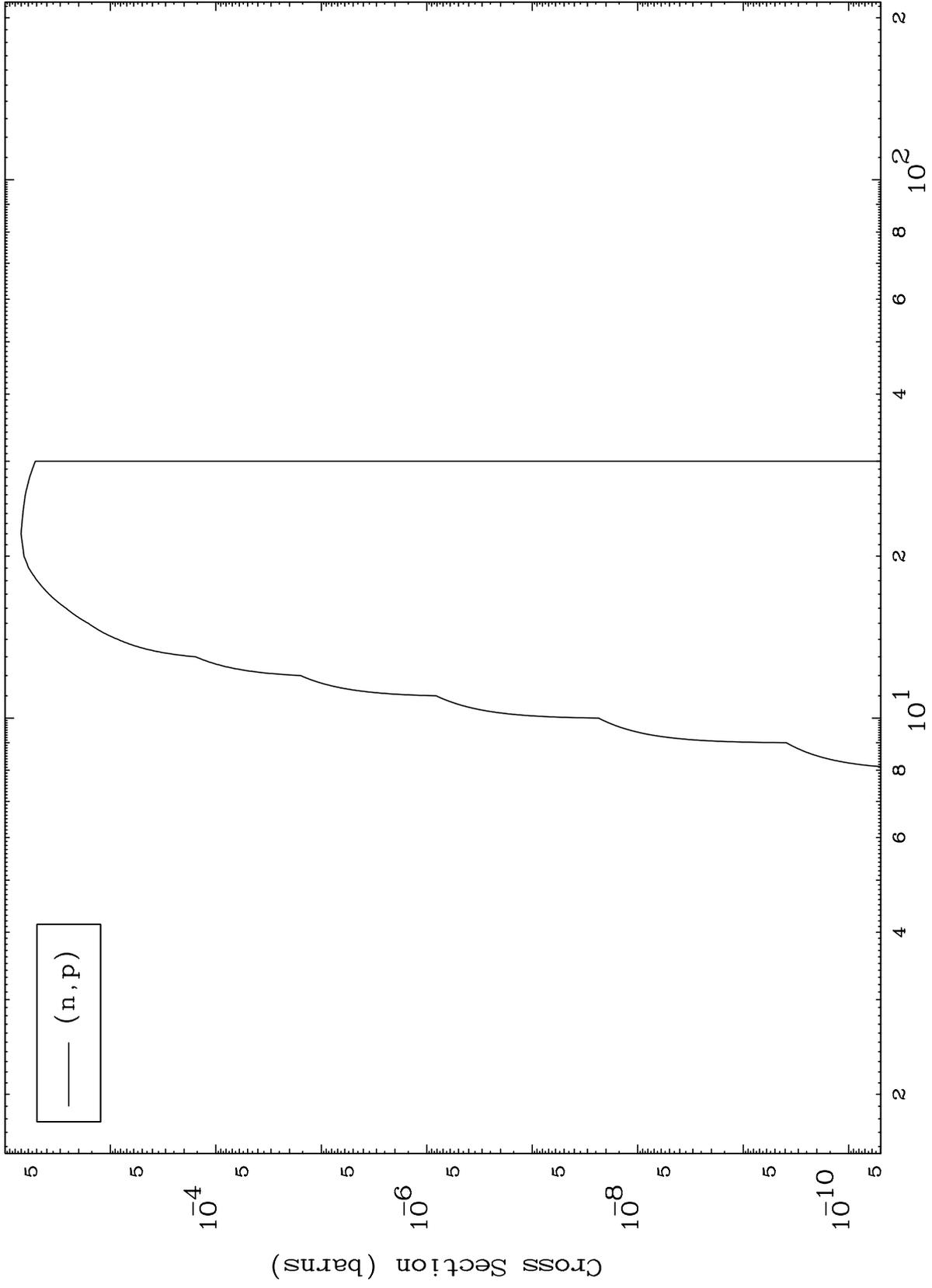
0 Kelvin Cross Sections



MAT 4967

(α, p) Levels
0 Kelvin Cross Sections

49-In-127



6

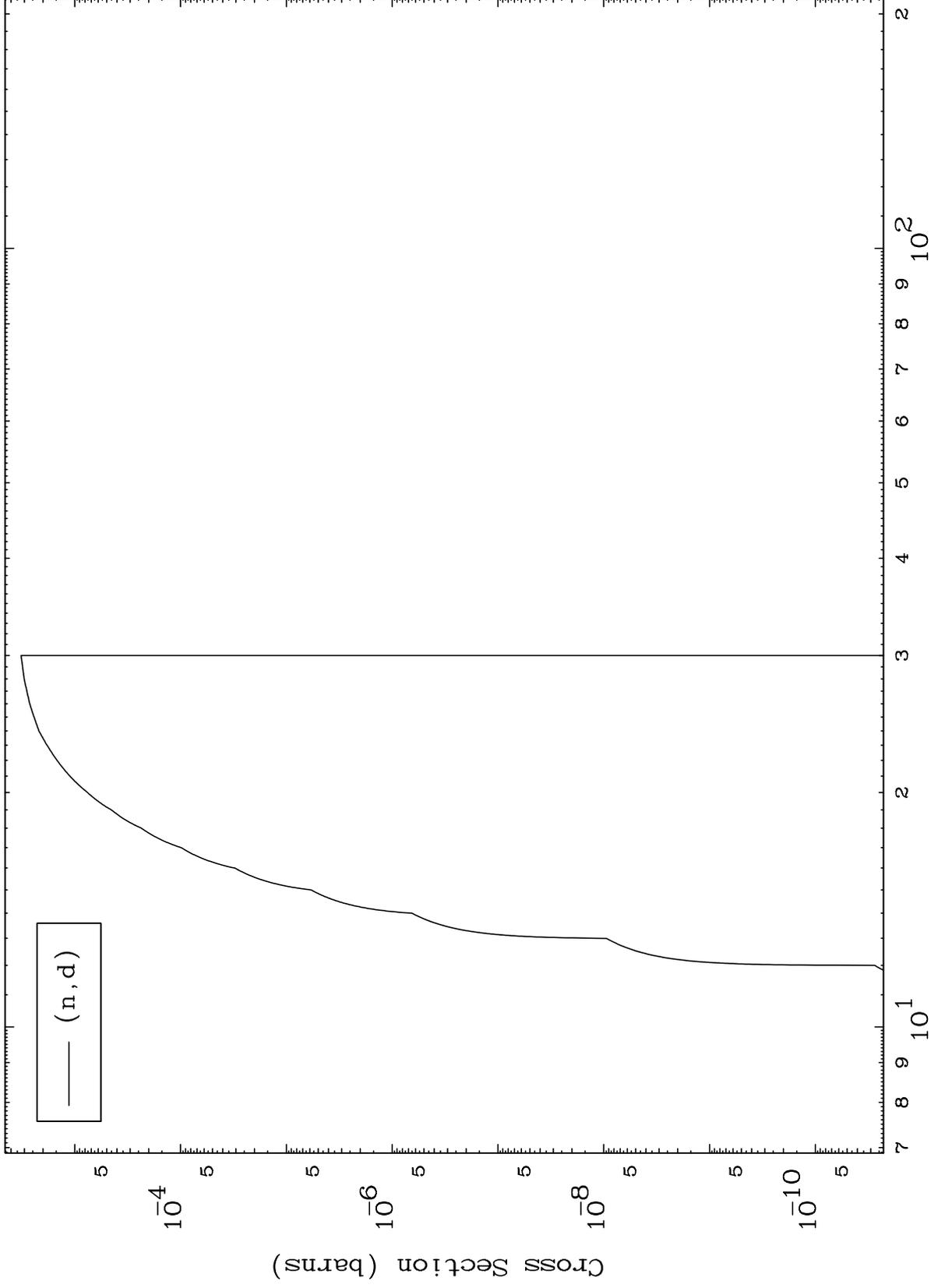
Incident Energy (MeV)

49-In-127

MAT 4967

(α, d) Levels
0 Kelvin Cross Sections

49-In-127



7

Incident Energy (MeV)

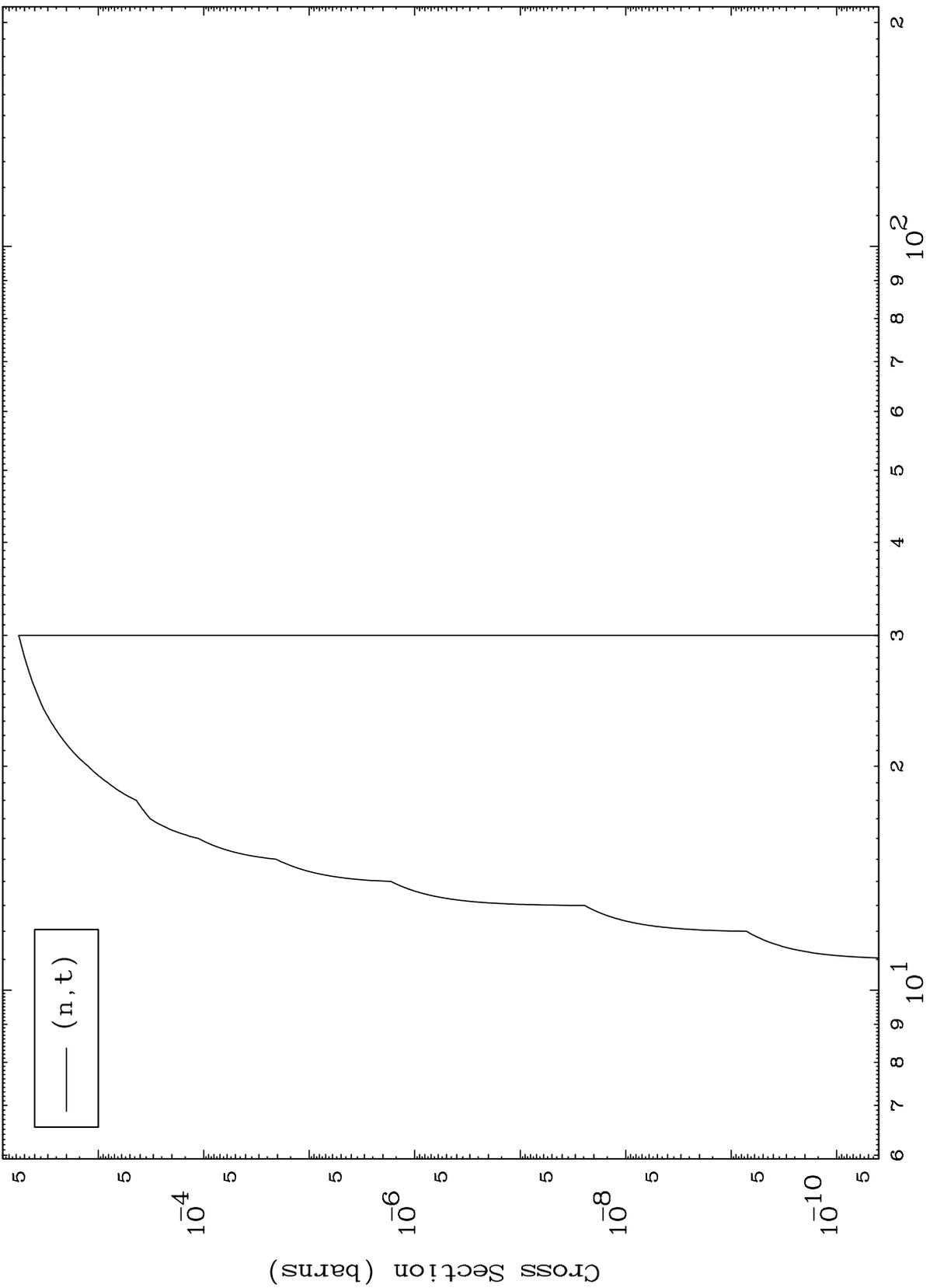
49-In-127

MAT 4967

(α, t) Levels

49-In-127

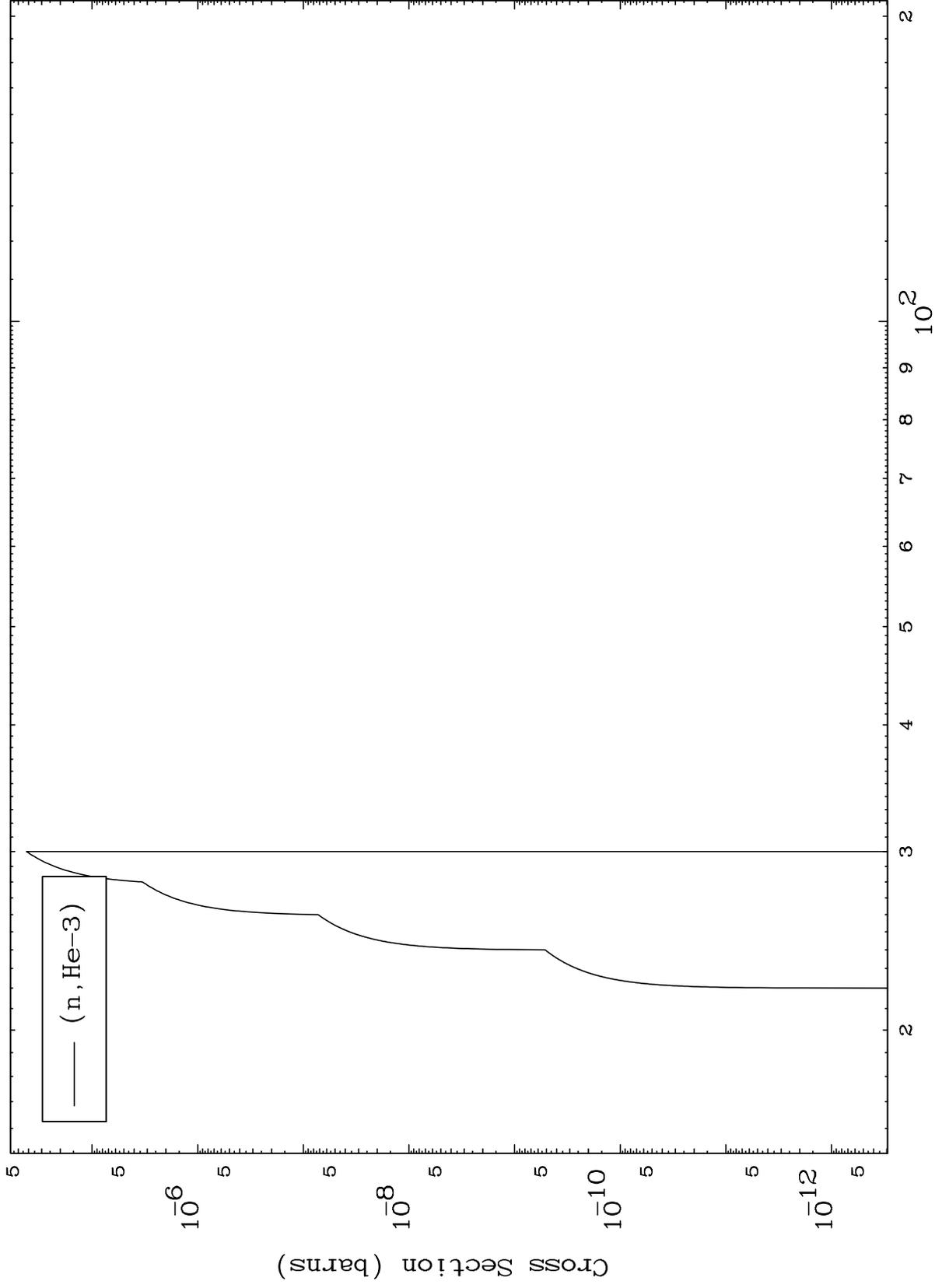
0 Kelvin Cross Sections



8

Incident Energy (MeV)

49-In-127

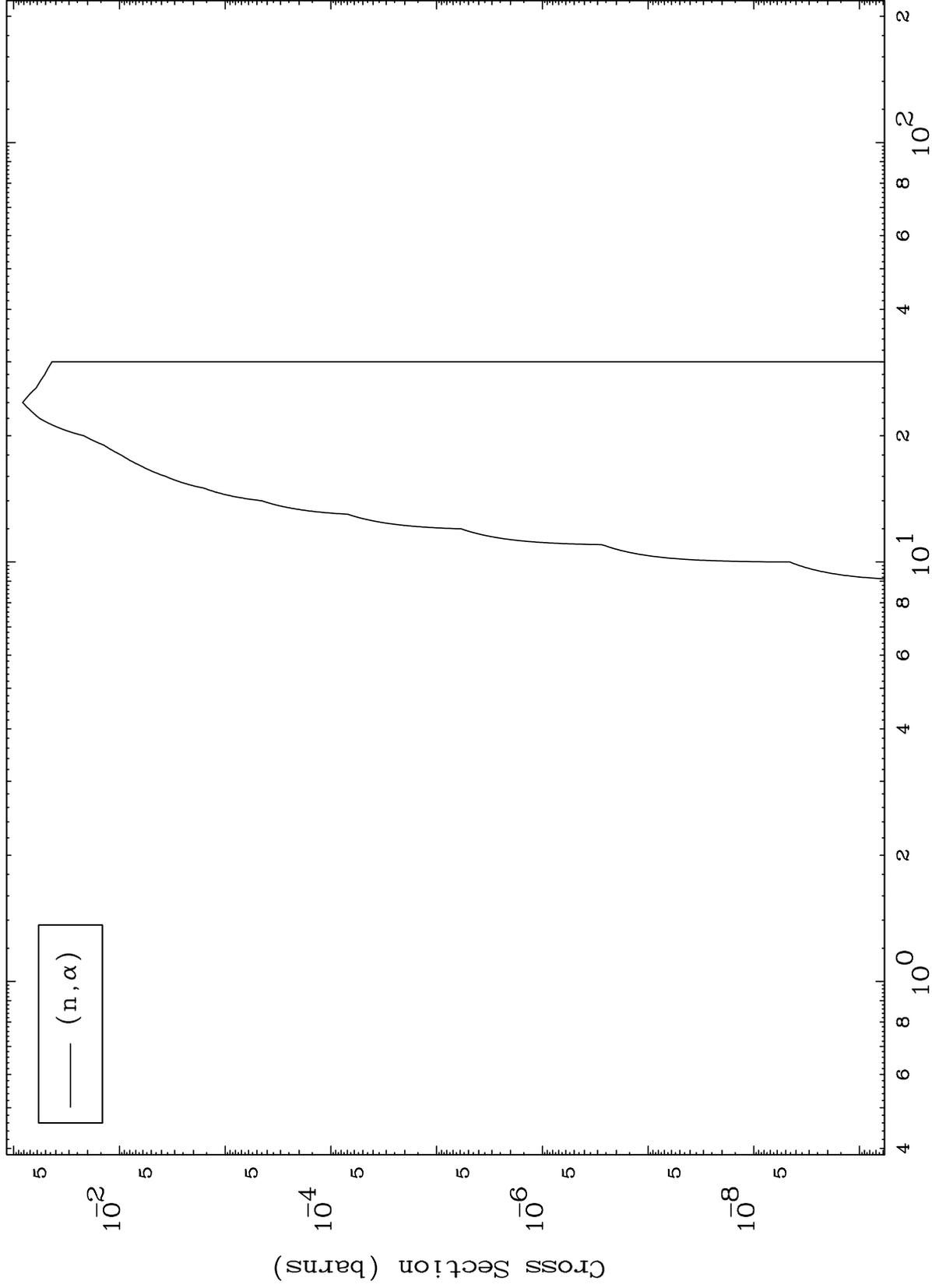


MAT 4967

(α, α) Levels

49-In-127

0 Kelvin Cross Sections



10

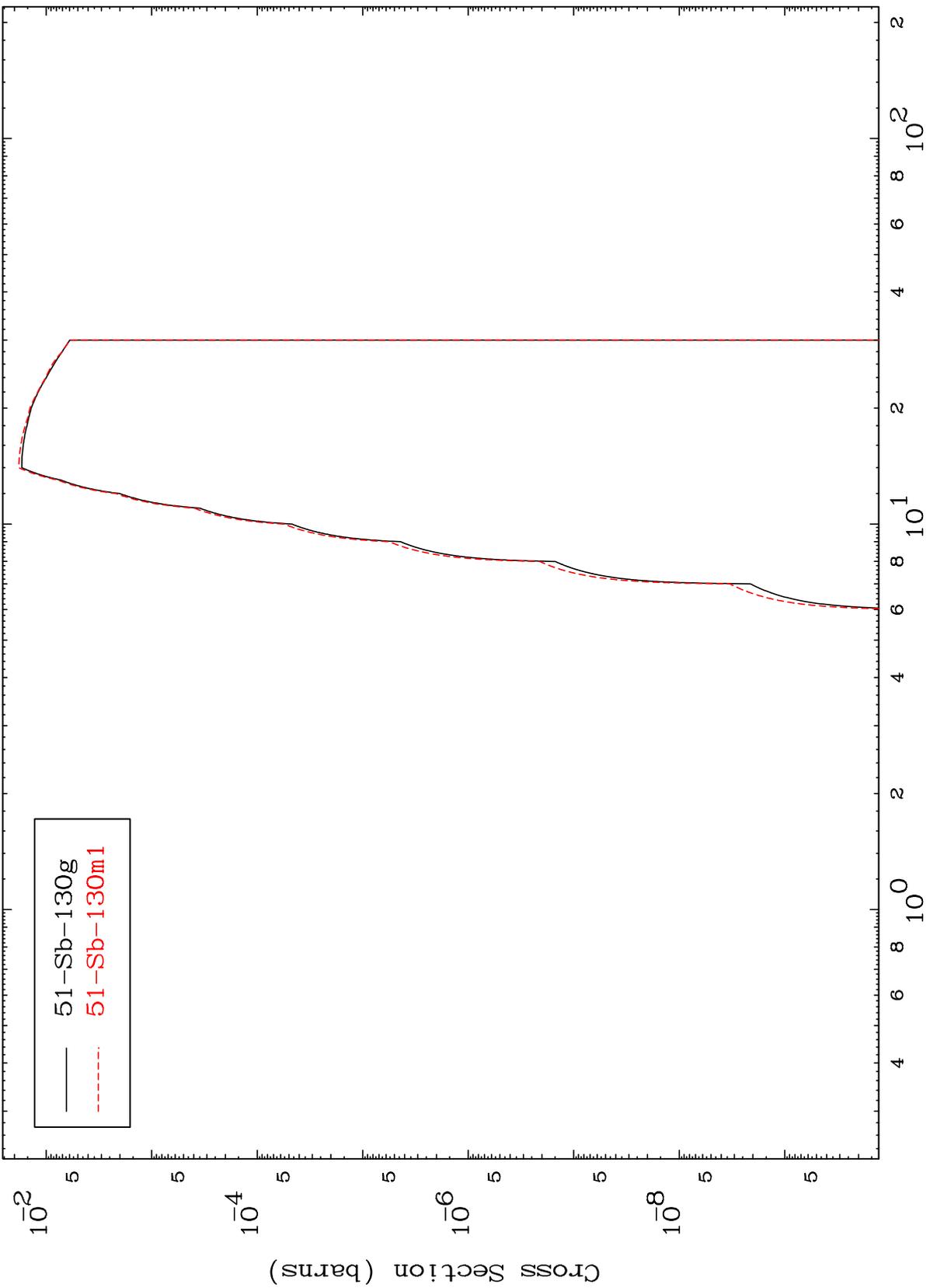
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

Inelastic
Radionuclide Production Cross Section



49-In-127

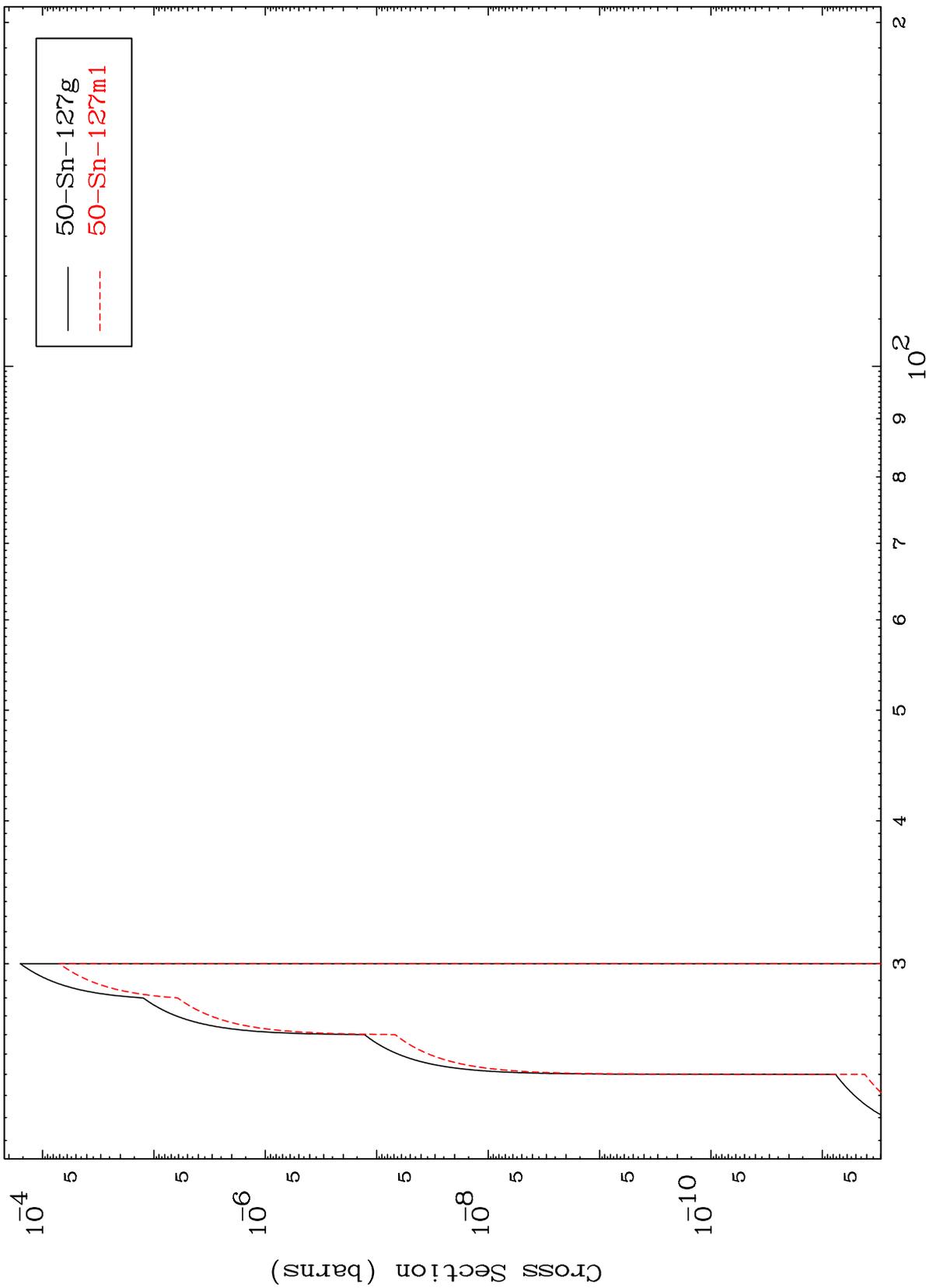
Incident Energy (MeV)

MAT 4967

(n,2n) d

49-In-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

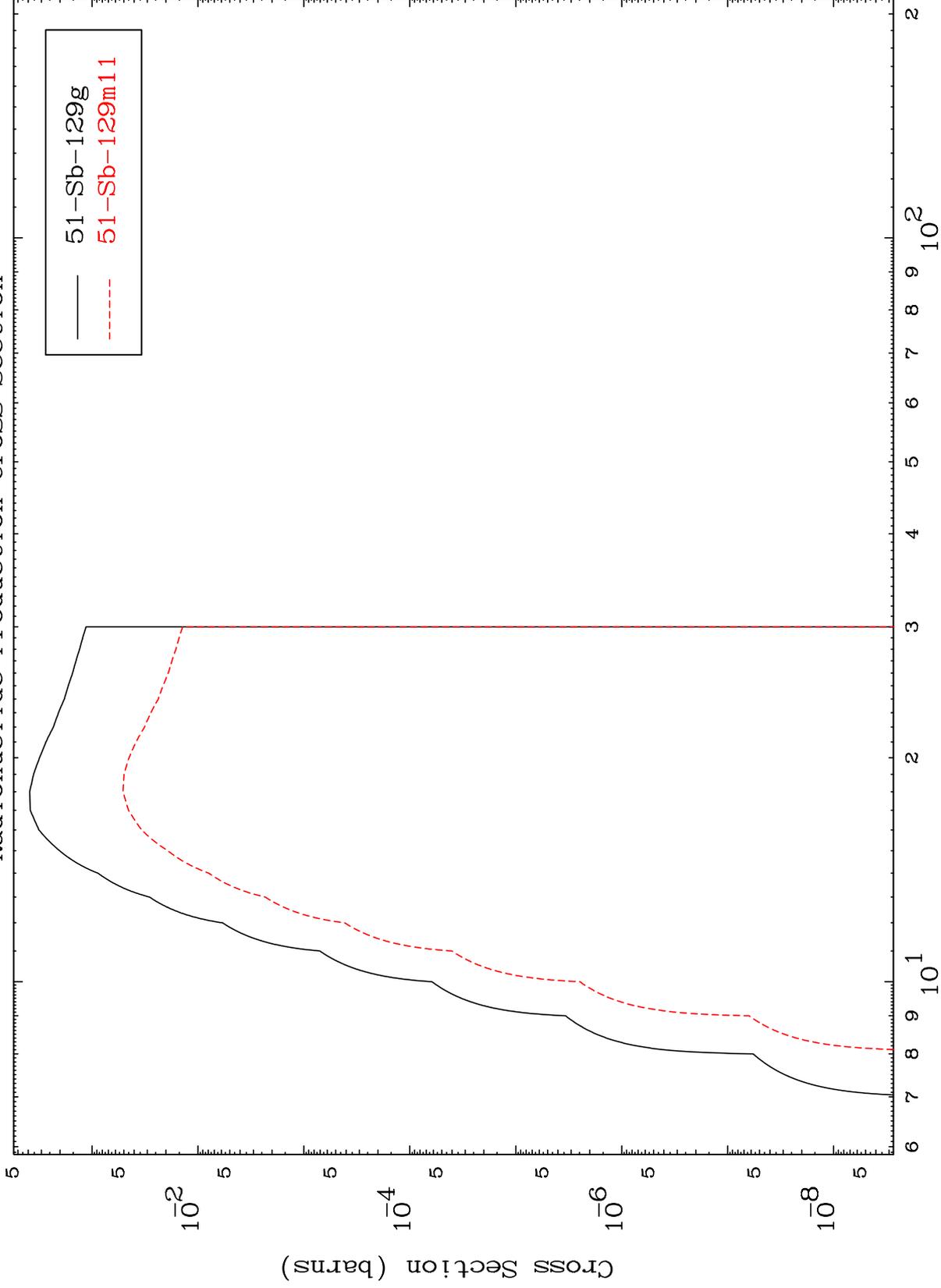
49-In-127

MAT 4967

(n,2n)

49-In-127

Radionuclide Production Cross Section



13

Incident Energy (MeV)

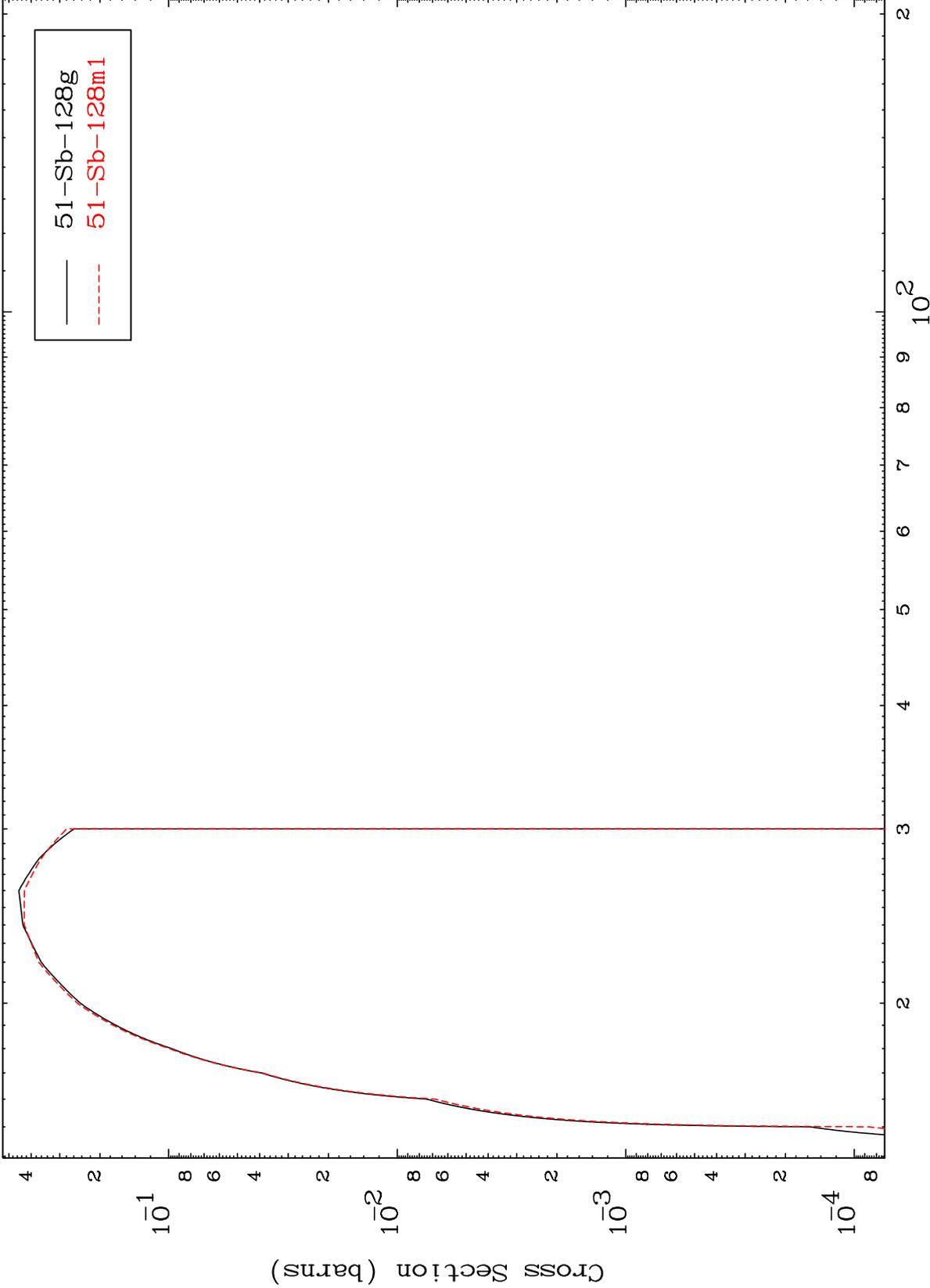
49-In-127

MAT 4967

(n,3n)

49-In-127

Radionuclide Production Cross Section



51-Sb-128g
51-Sb-128m1

14

Incident Energy (MeV)

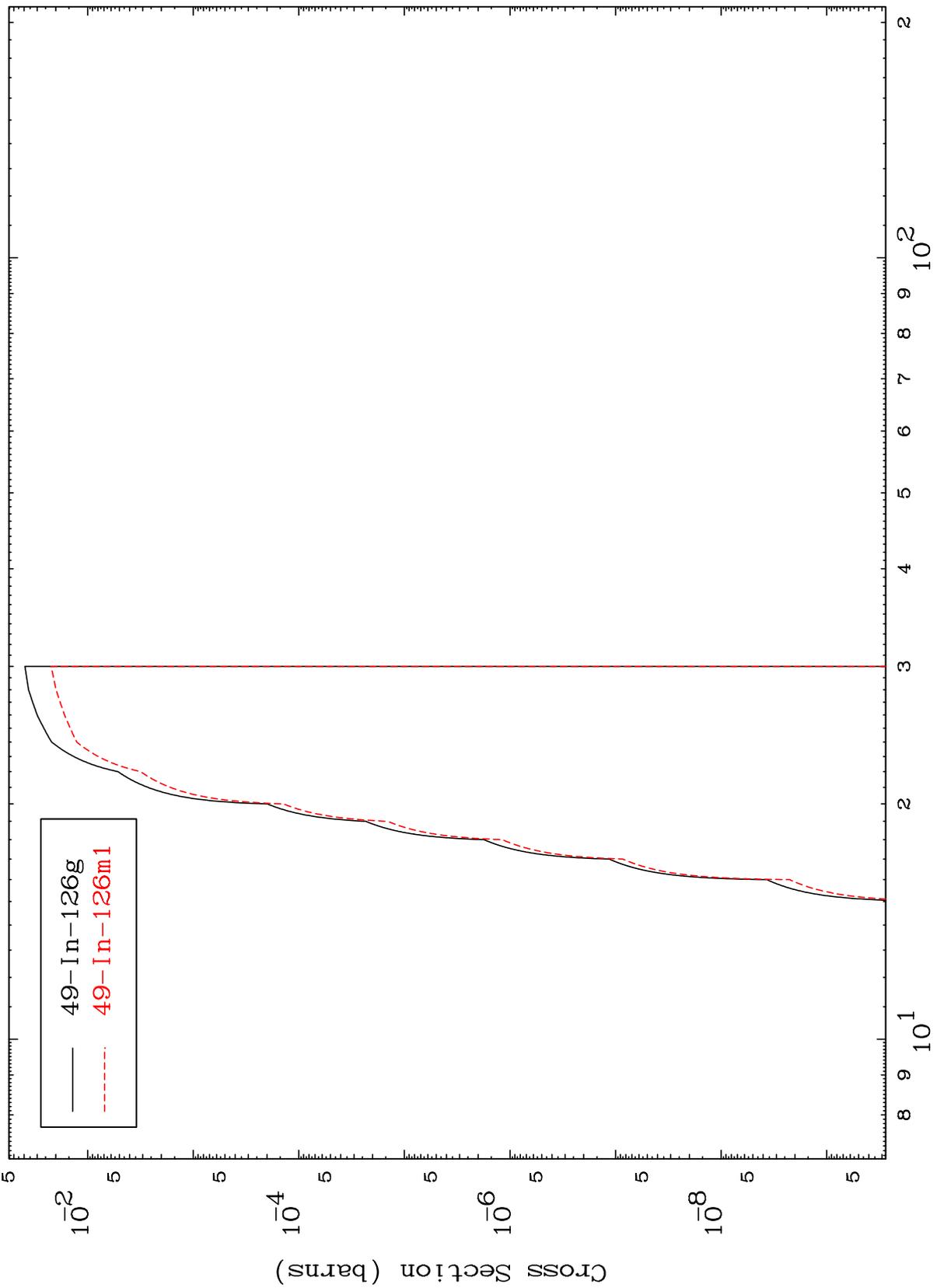
49-In-127

MAT 4967

(n,n') α

49-In-127

Radionuclide Production Cross Section



15

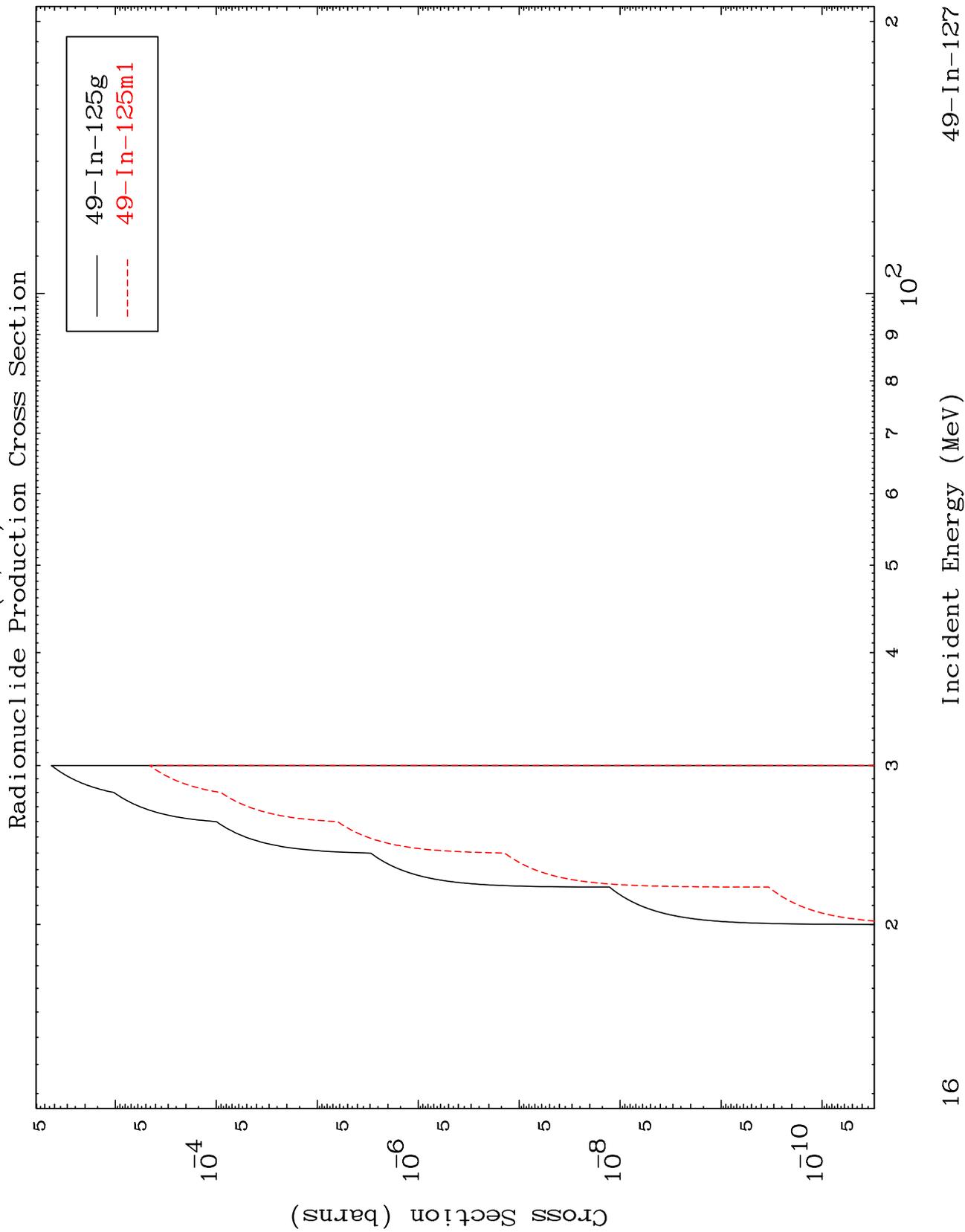
Incident Energy (MeV)

49-In-127

MAT 4967

(n,2n) α

49-In-127



16

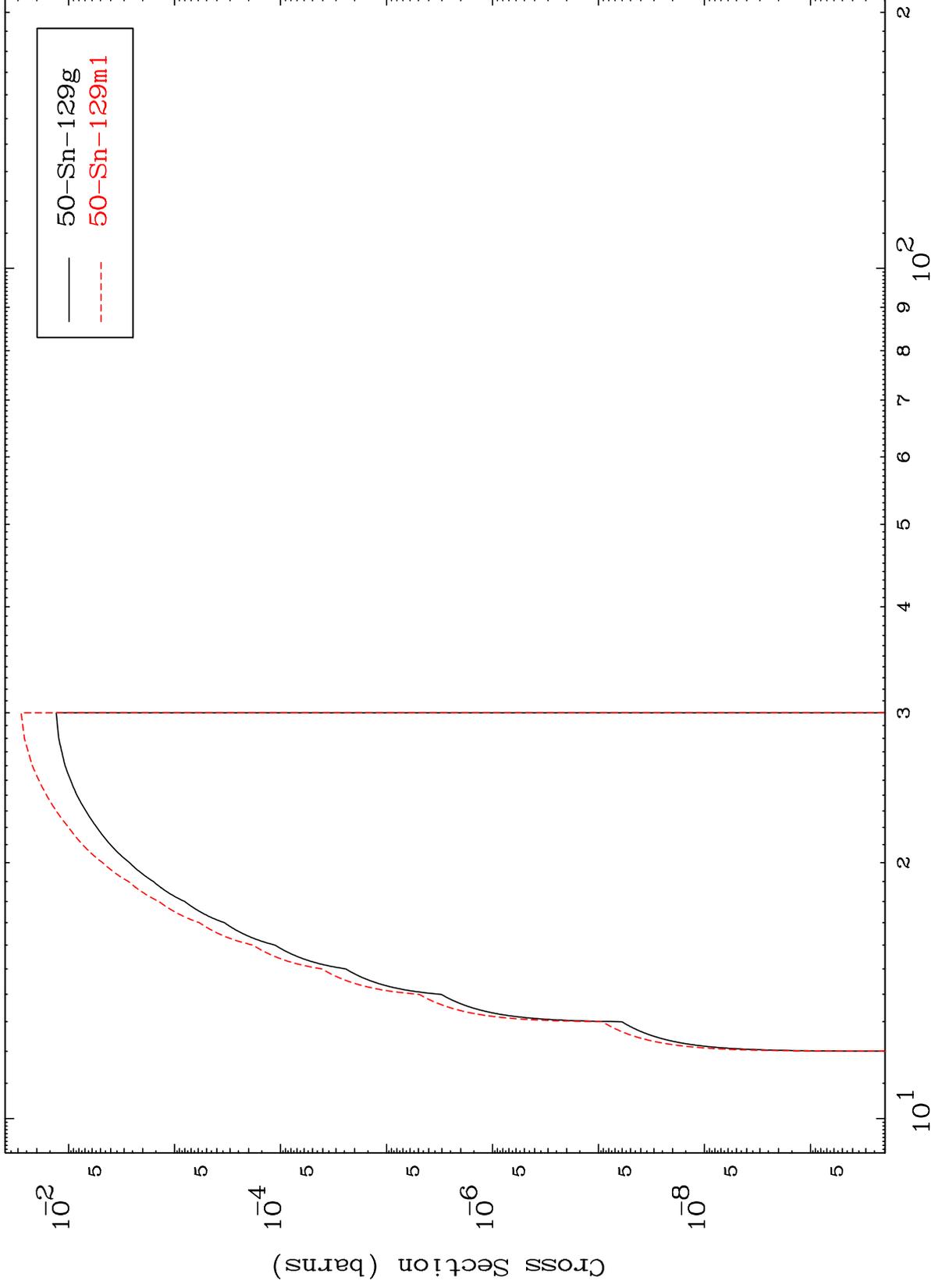
49-In-127

MAT 4967

(n,n') p

49-In-127

Radionuclide Production Cross Section



17

Incident Energy (MeV)

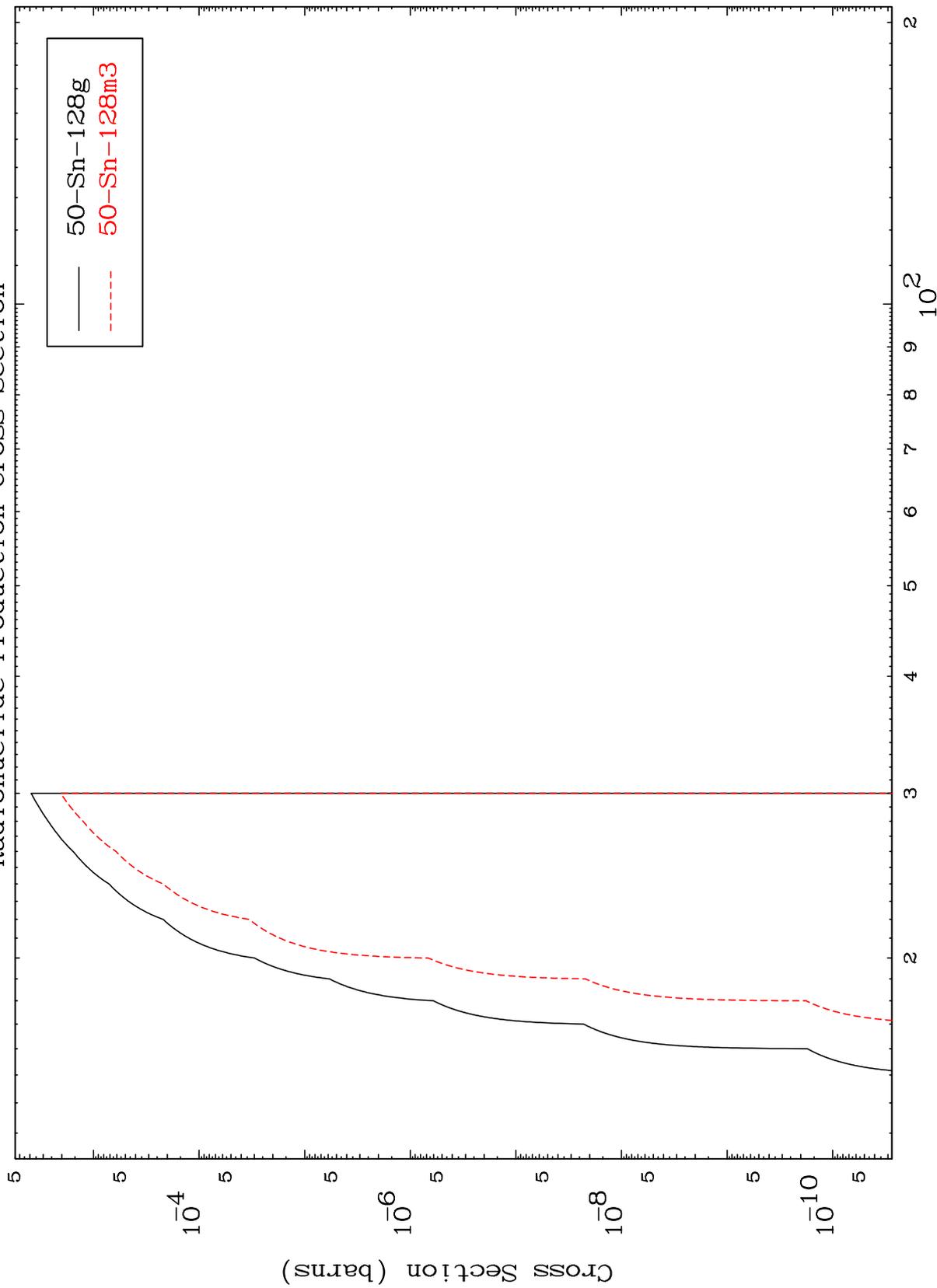
49-In-127

MAT 4967

(n,n') d

49-In-127

Radionuclide Production Cross Section



18

Incident Energy (MeV)

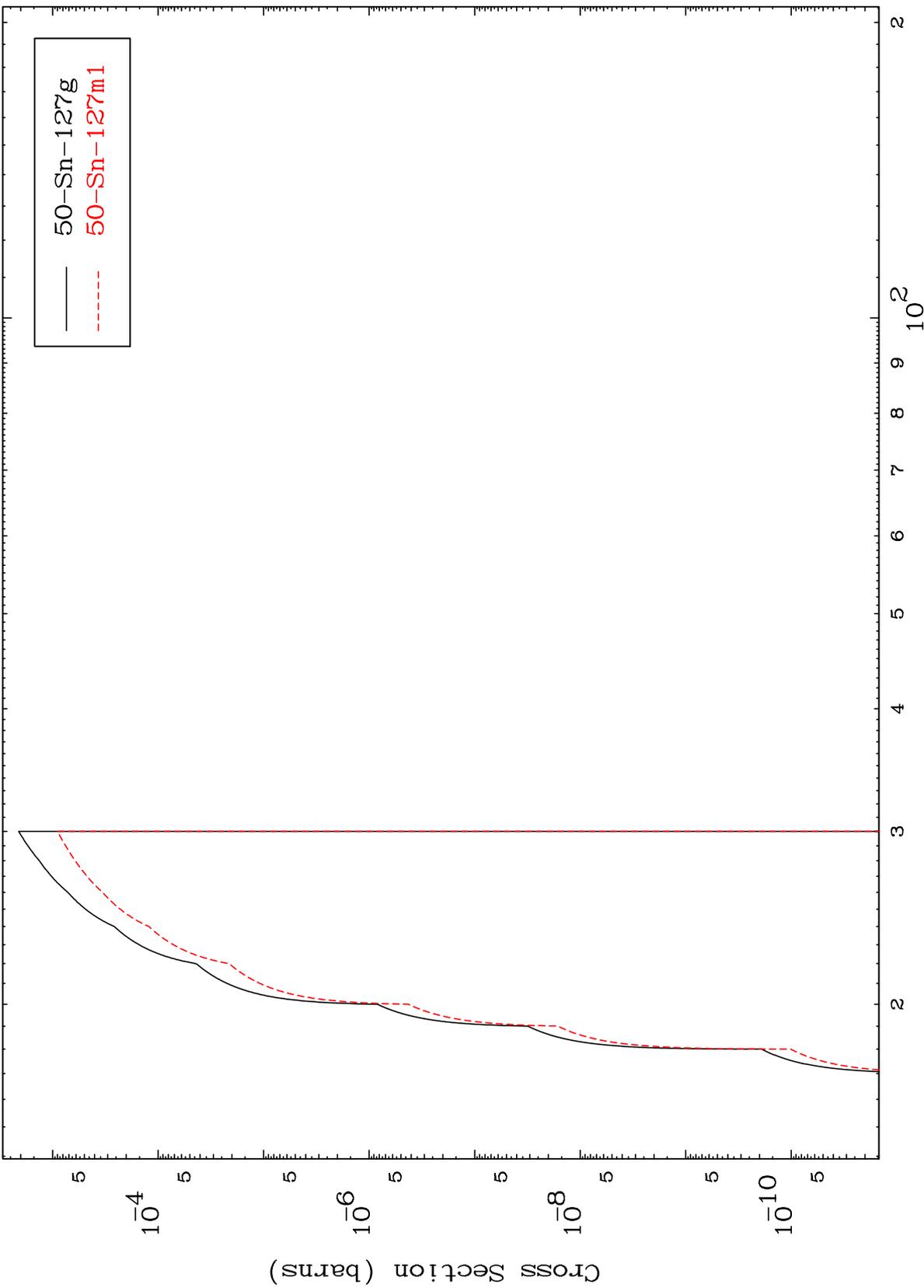
49-In-127

MAT 4967

(n,n') t

49-In-127

Radionuclide Production Cross Section

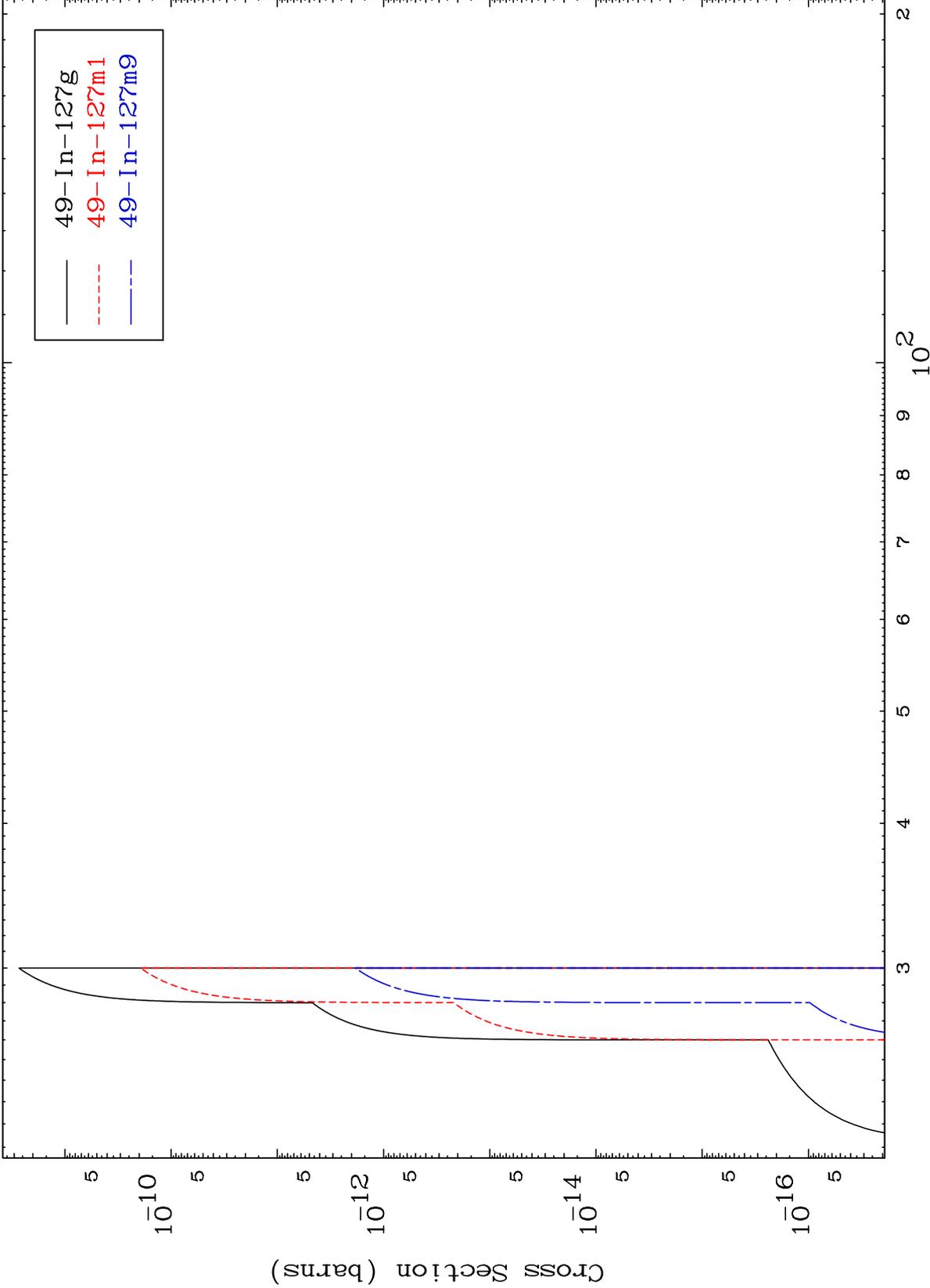


19

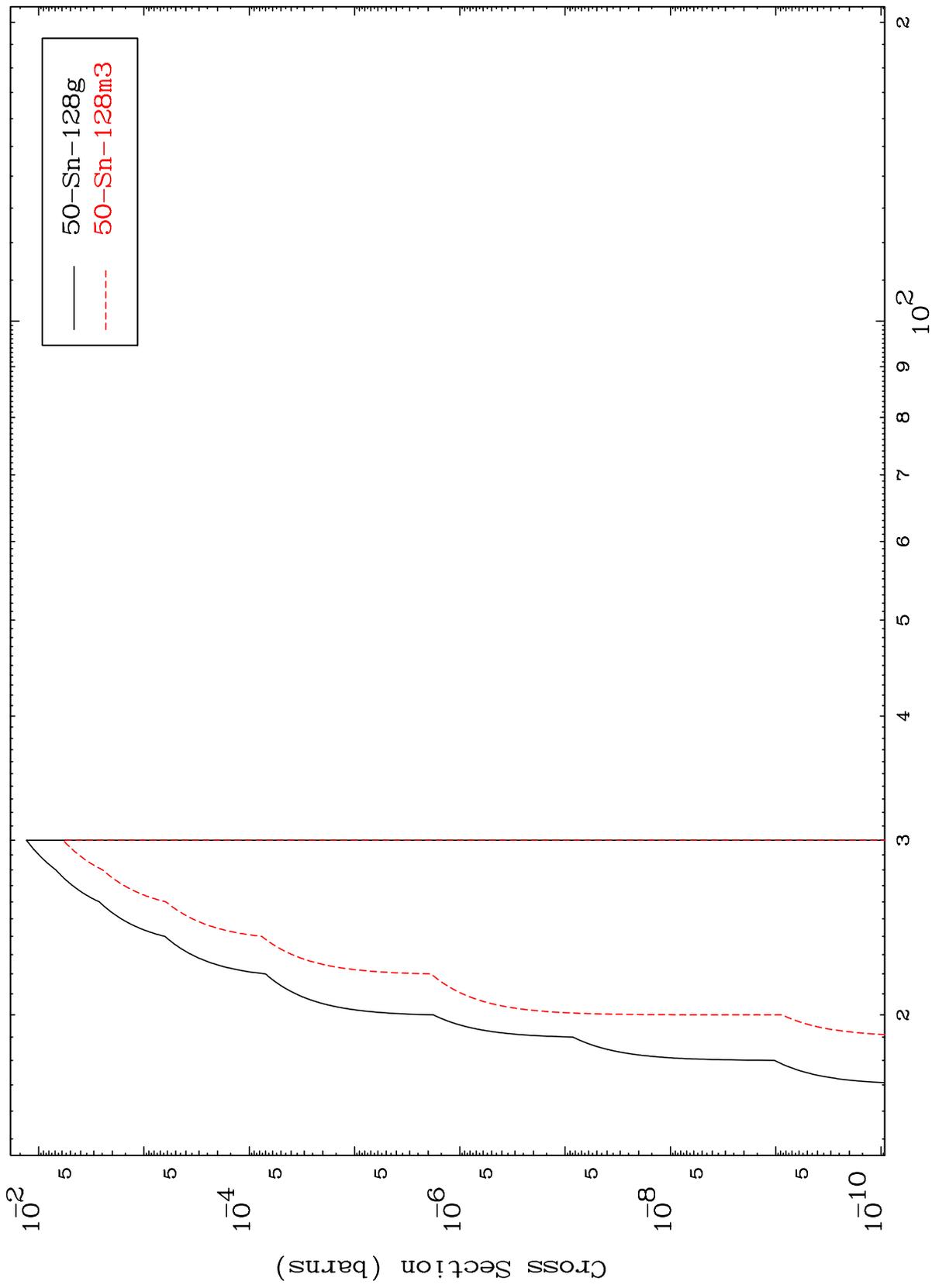
Incident Energy (MeV)

49-In-127

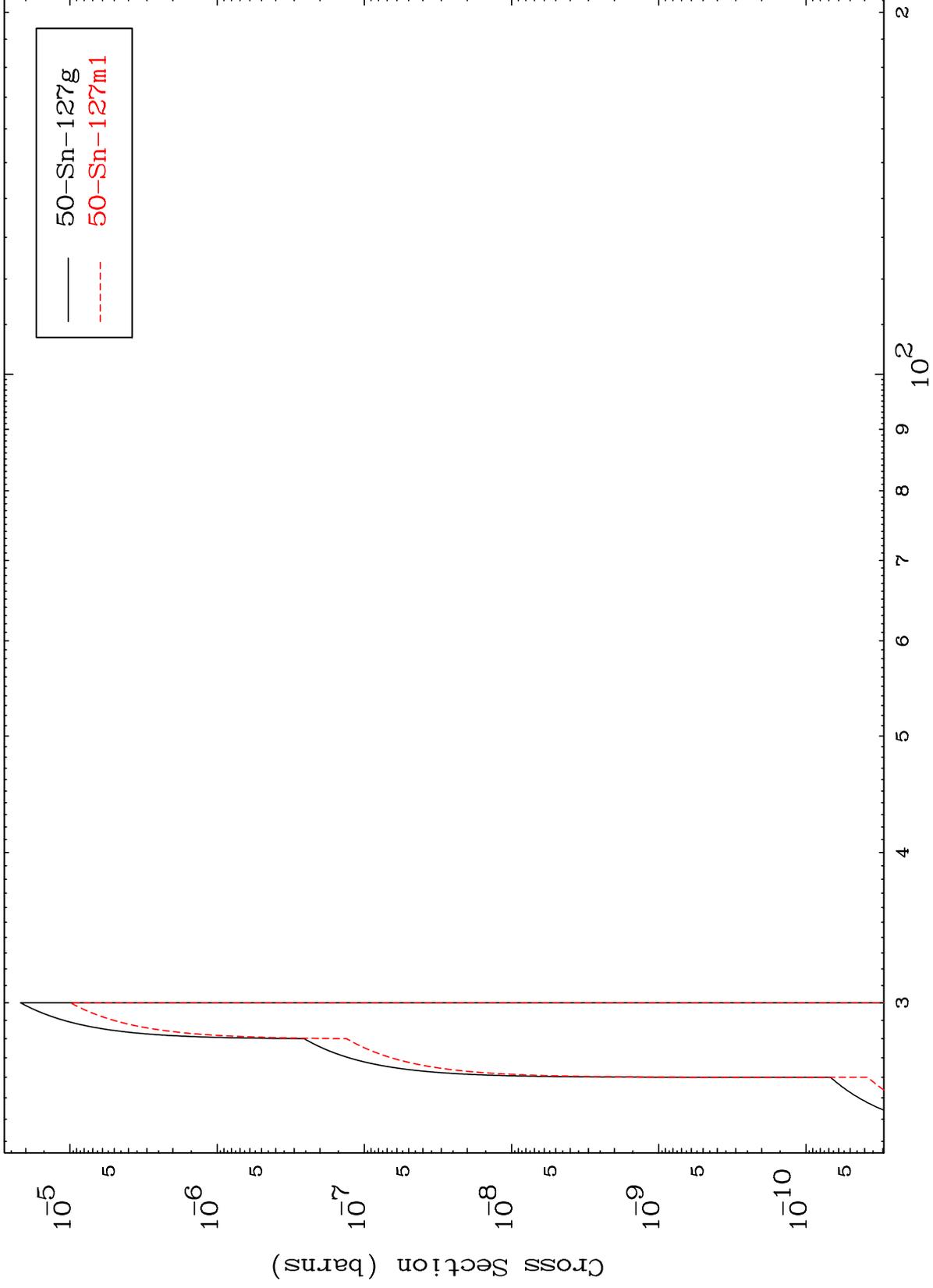
Radionuclide Production Cross Section



Radionuclide Production Cross Section



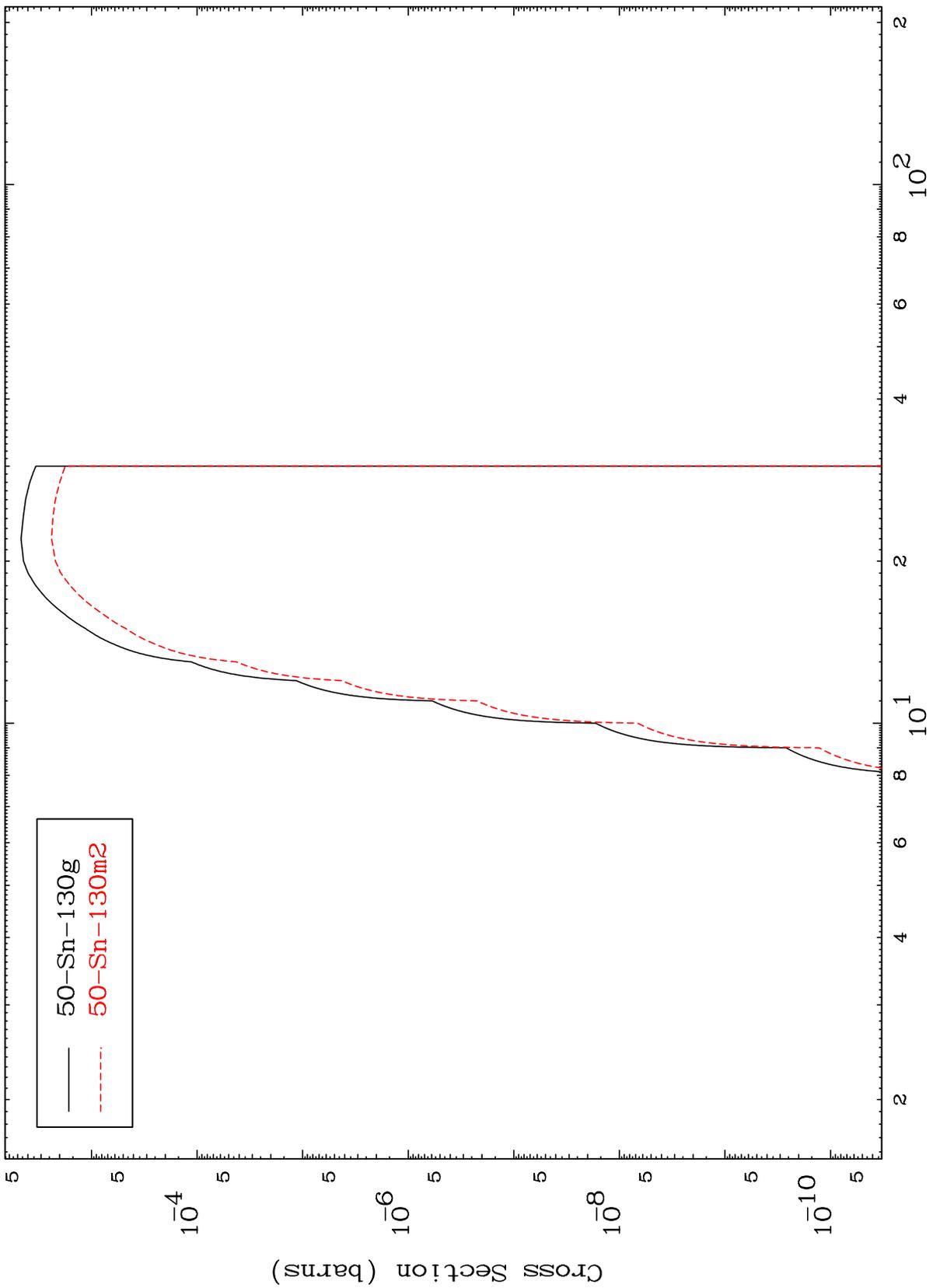
Radionuclide Production Cross Section



MAT 4967

49-In-127

(n,p)
Radionuclide Production Cross Section



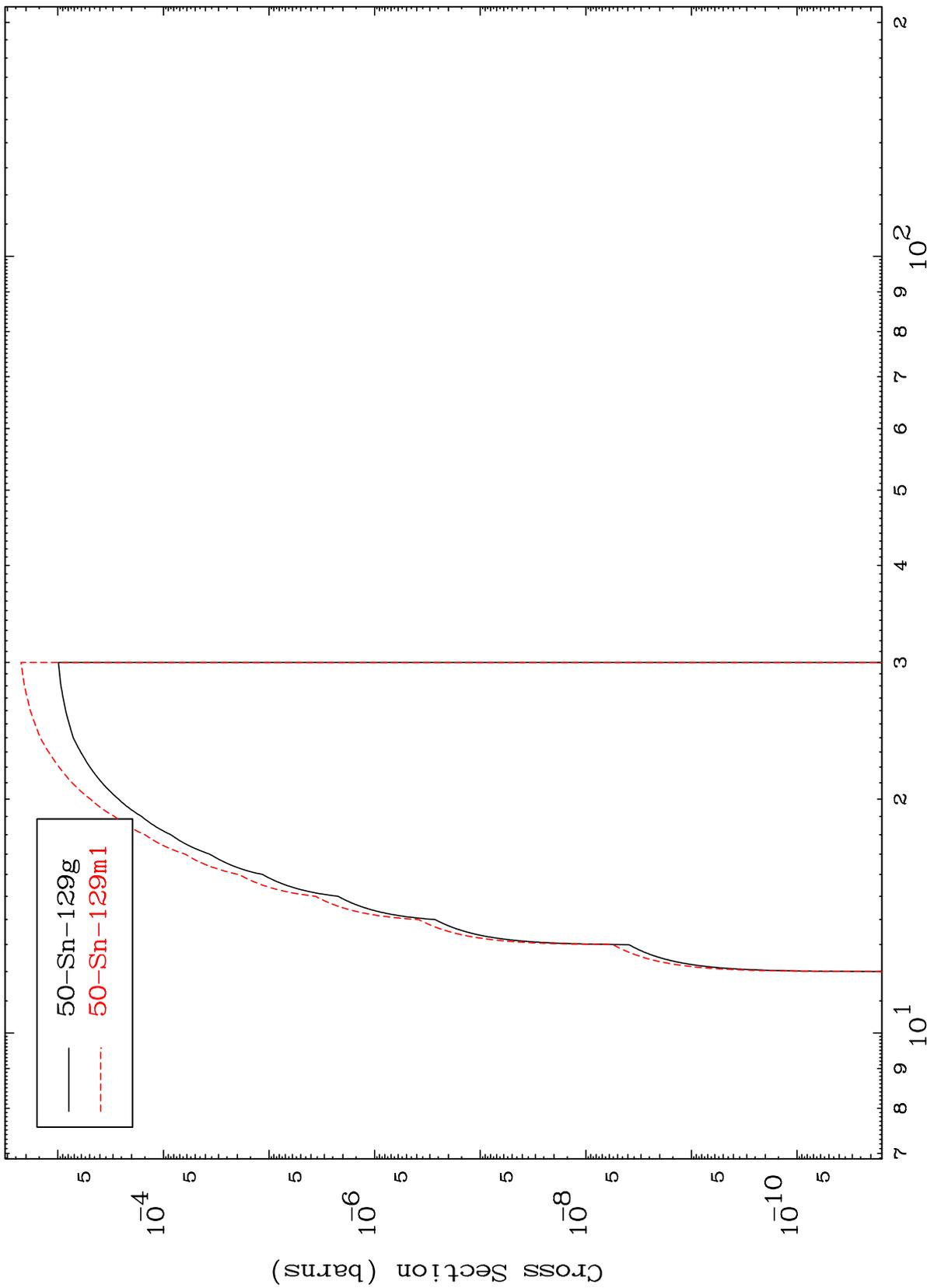
23

49-In-127

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49-In-127

(n,d)
Radionuclide Production Cross Section



24

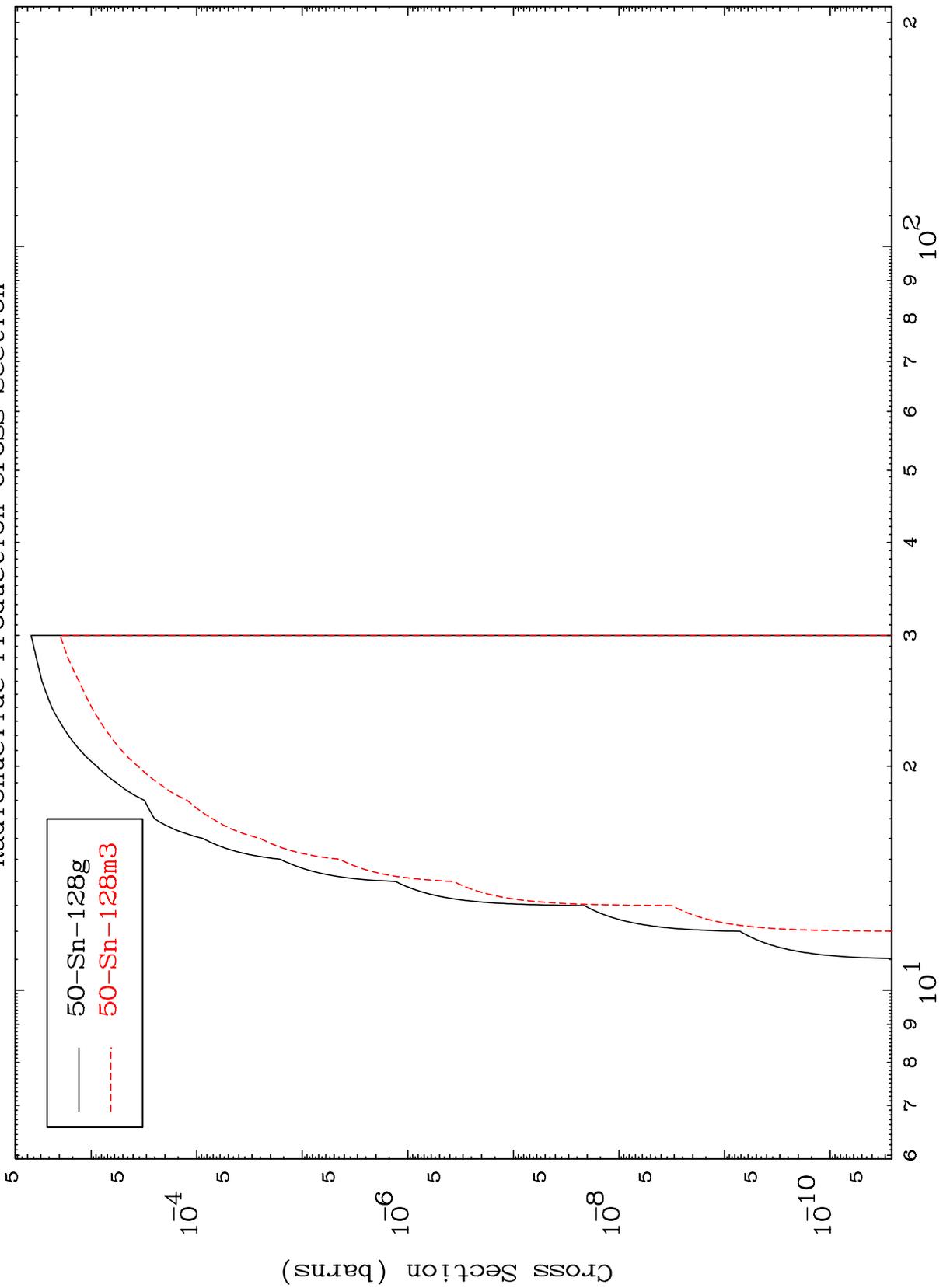
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

Radionuclide Production Cross Section



25

Incident Energy (MeV)

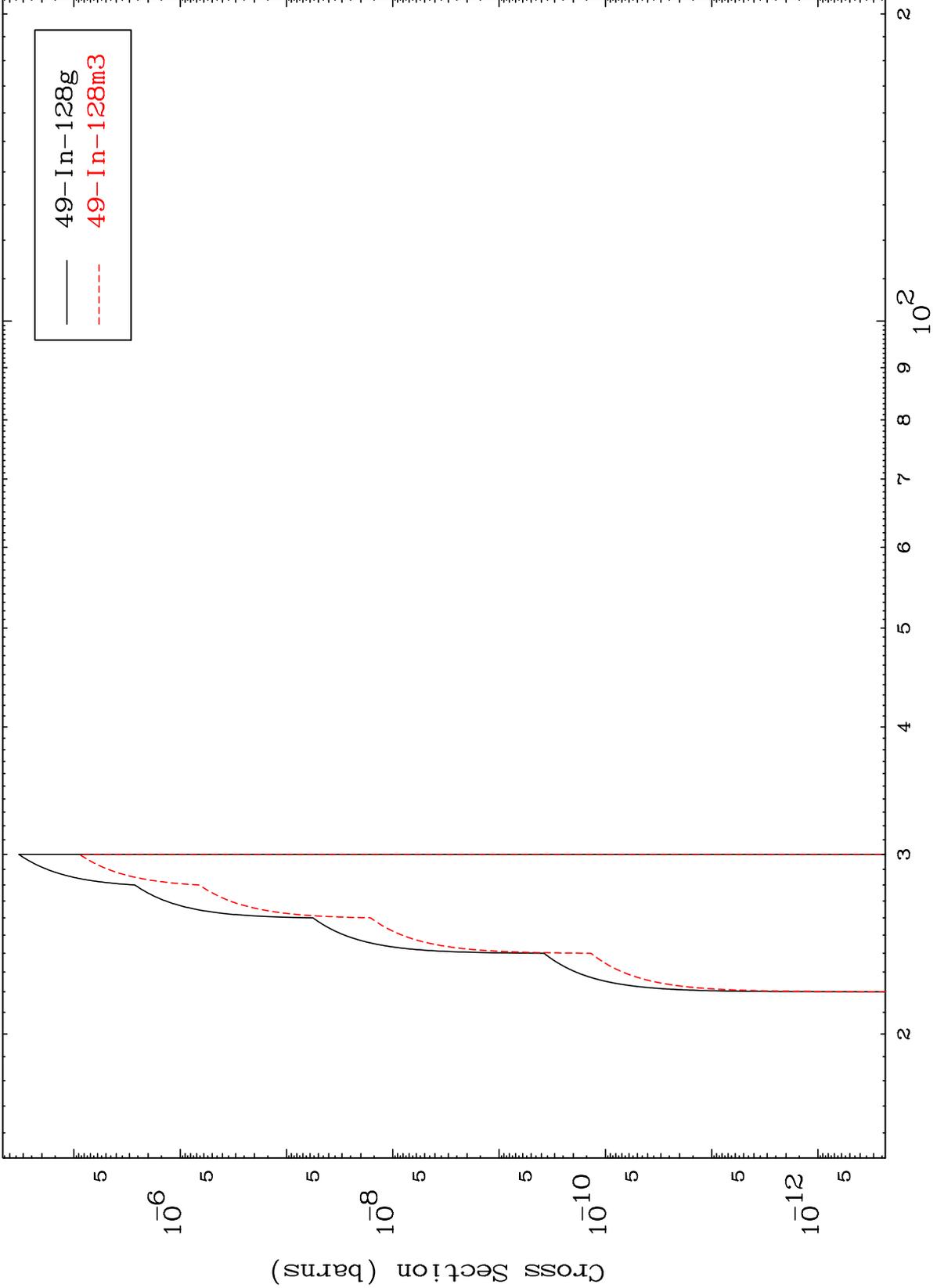
49-In-127

MAT 4967

(n,He-3)

49-In-127

Radionuclide Production Cross Section



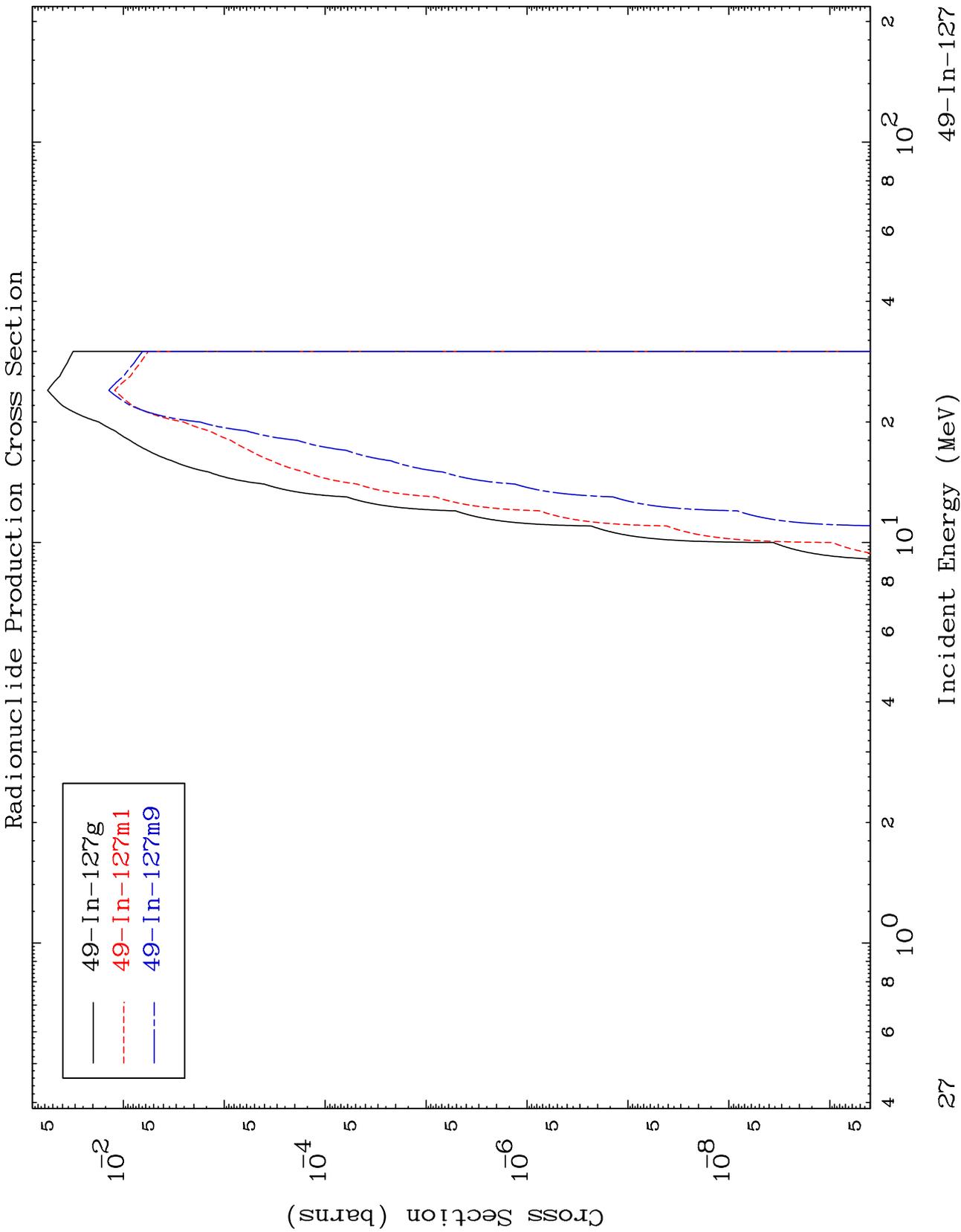
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Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127



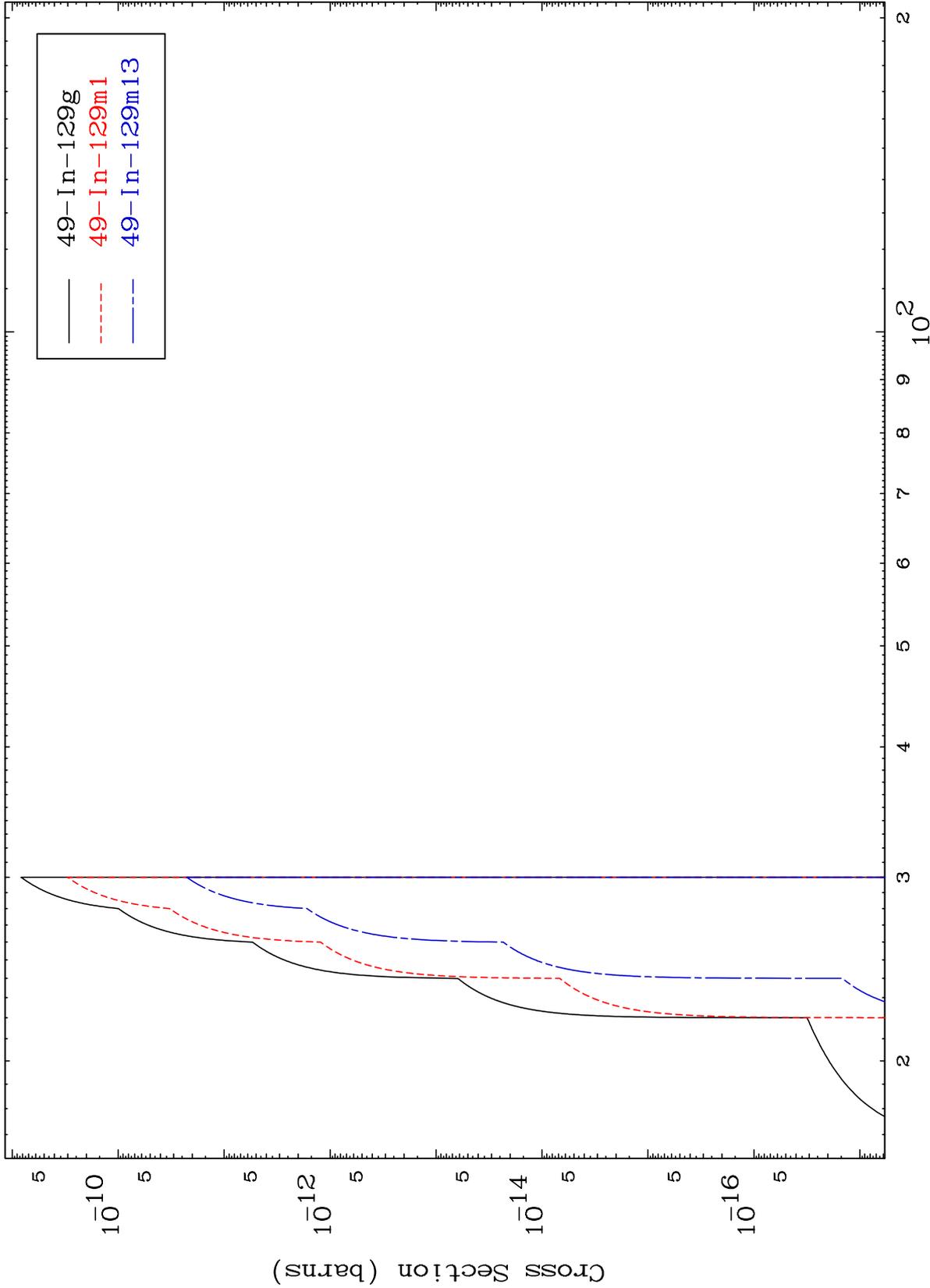
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MAT 4967

(n,2p)

49-In-127

Radionuclide Production Cross Section



28

Incident Energy (MeV)

49-In-127