

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

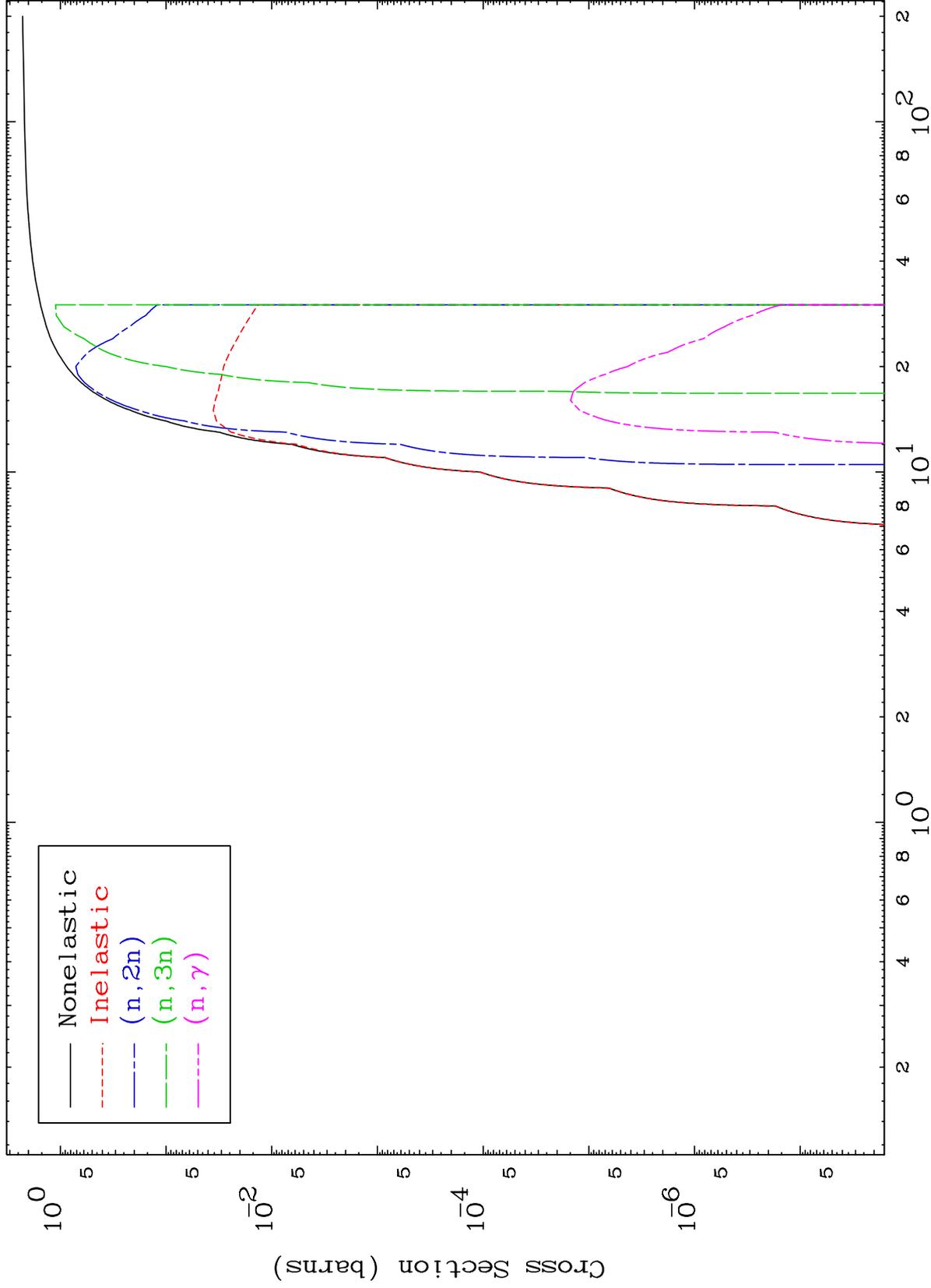
Press Mouse Button to Start

MAT 5071

0 Kelvin

α Major Cross Sections

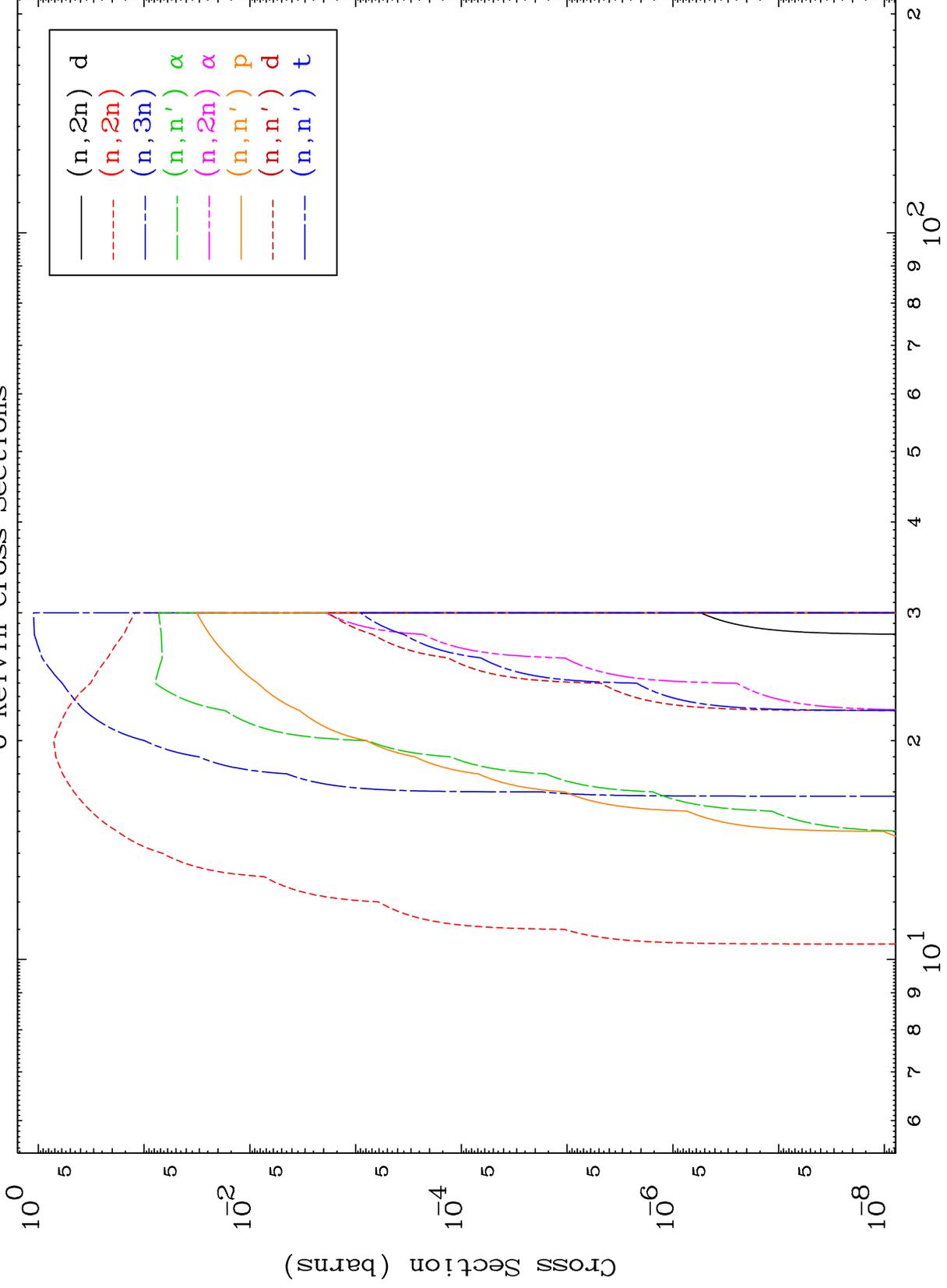
50-Sn-127m



MAT 5071

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-127m



2

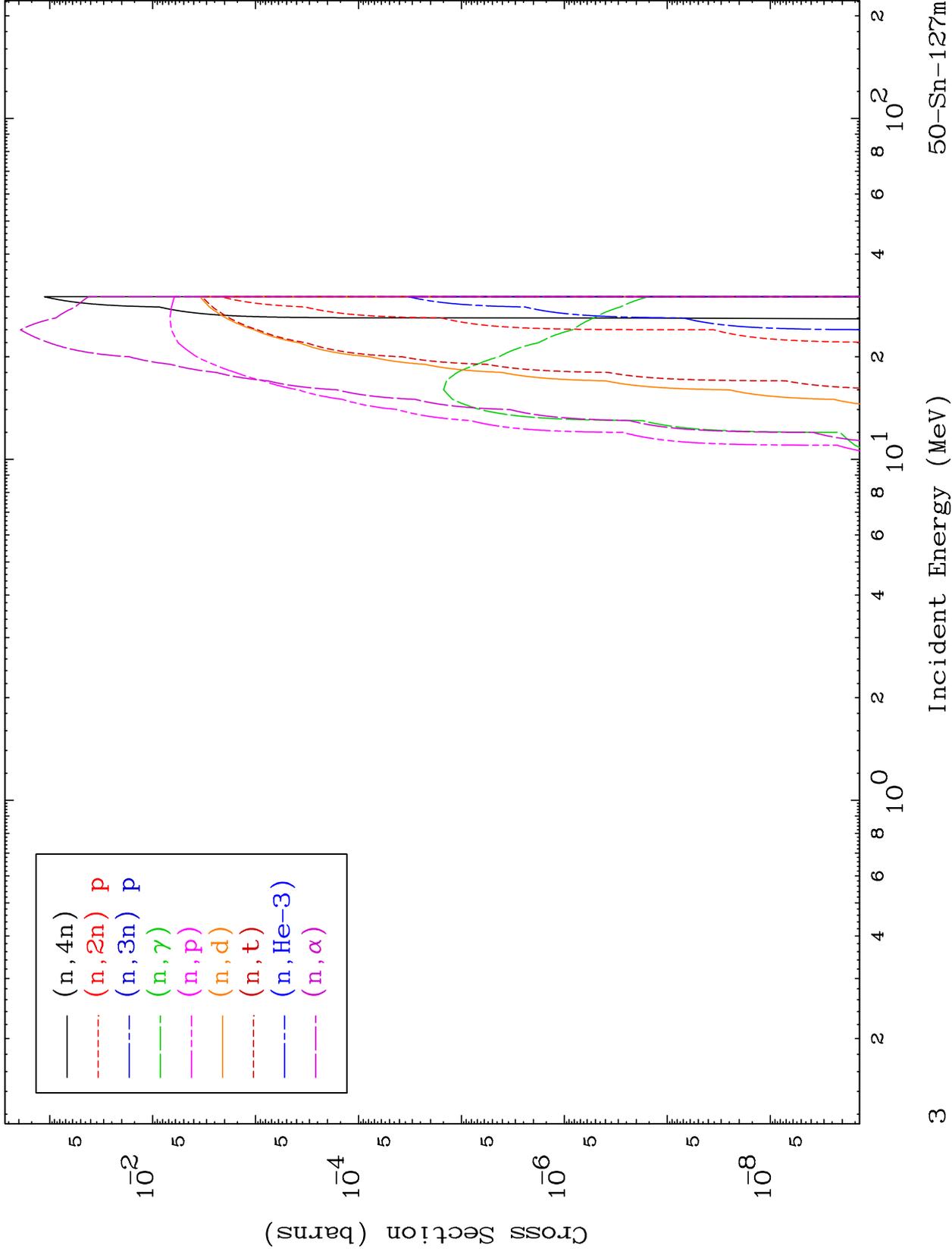
Incident Energy (MeV)

50-Sn-127m

MAT 5071

α Neutron Absorption
0 Kelvin Cross Sections

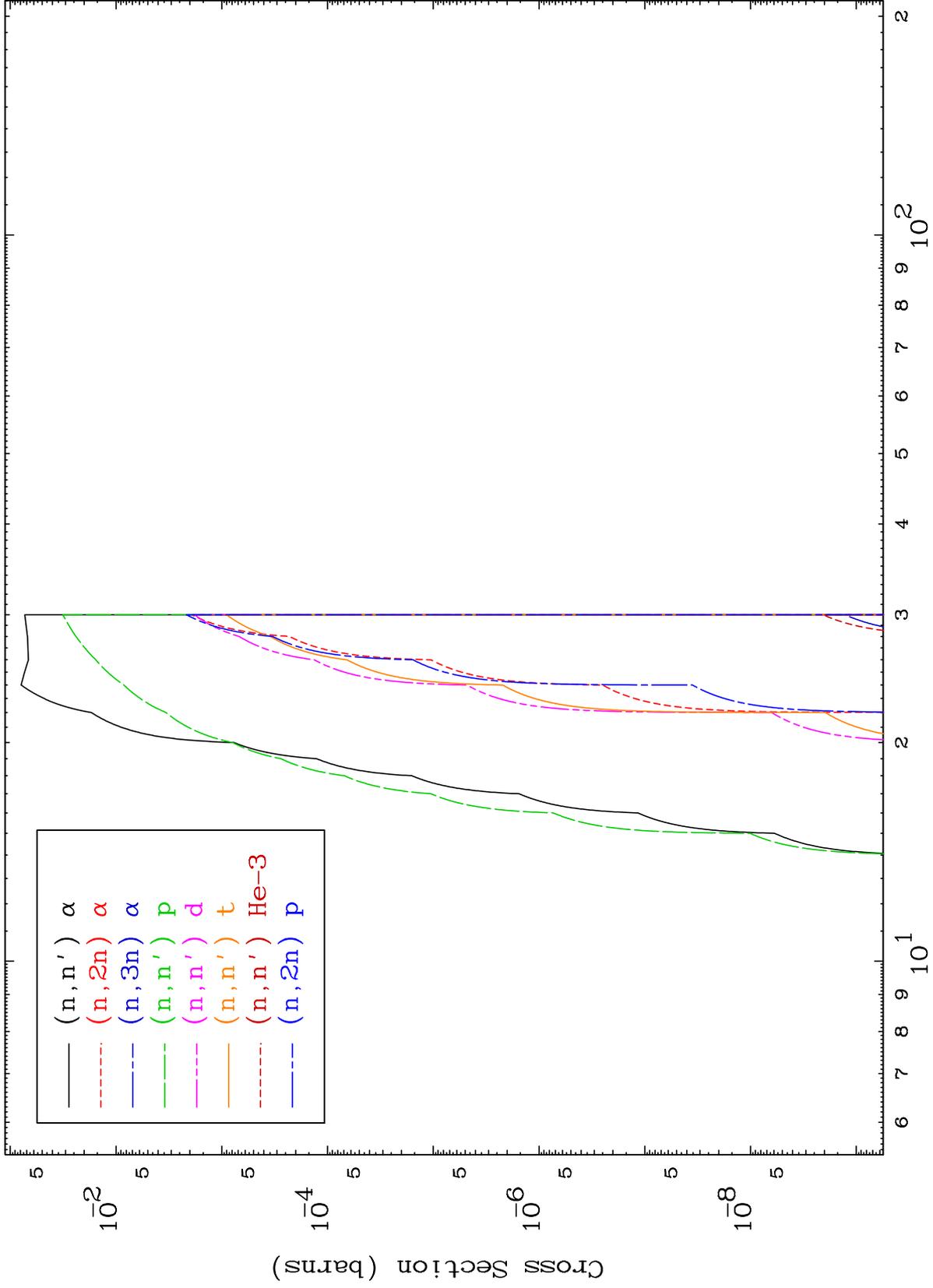
50-Sn-127m



MAT 5071

α Charged Particle
0 Kelvin Cross Sections

50-Sn-127m

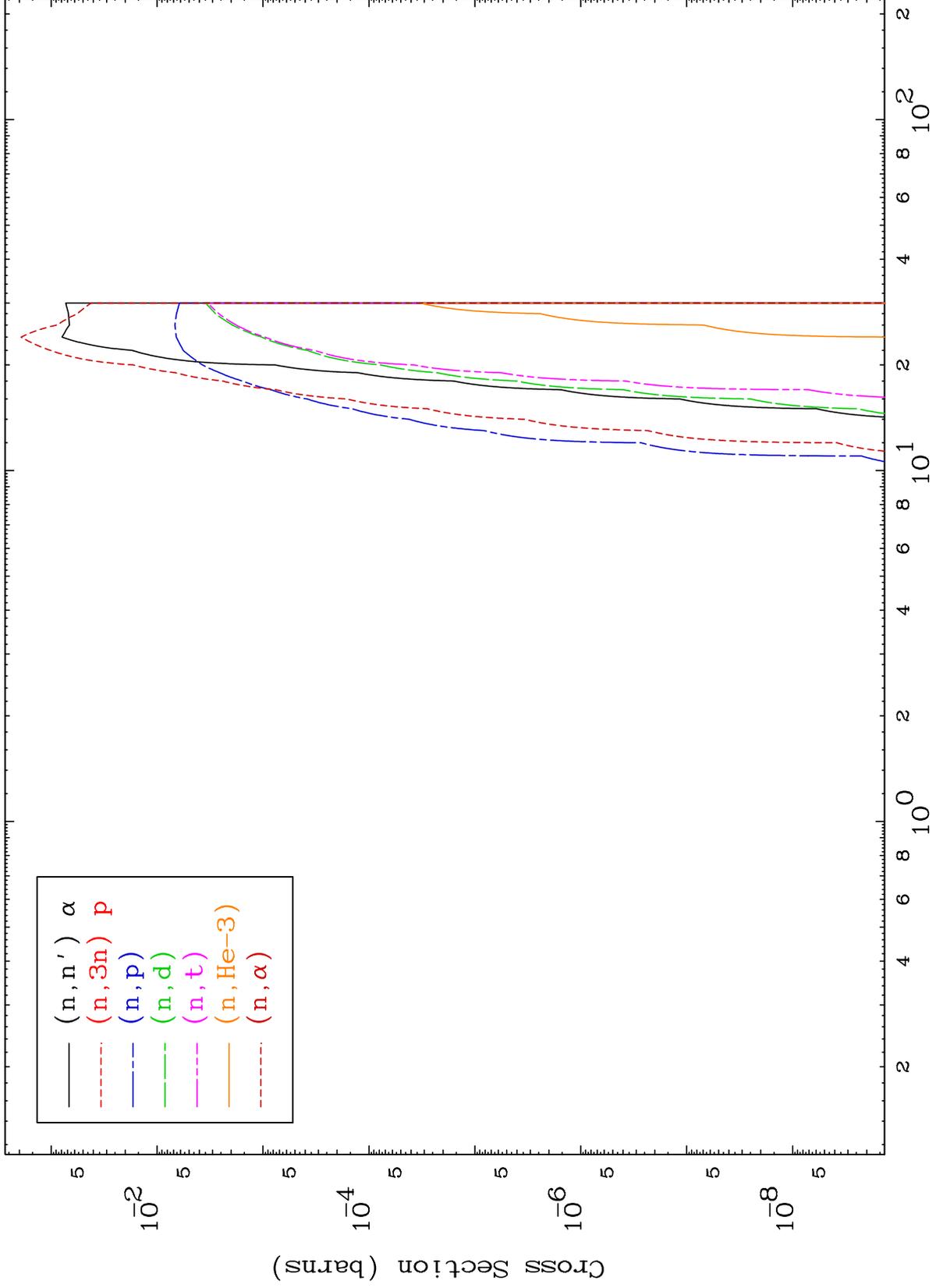


MAT 5071

α Charged Particle

50-Sn-127m

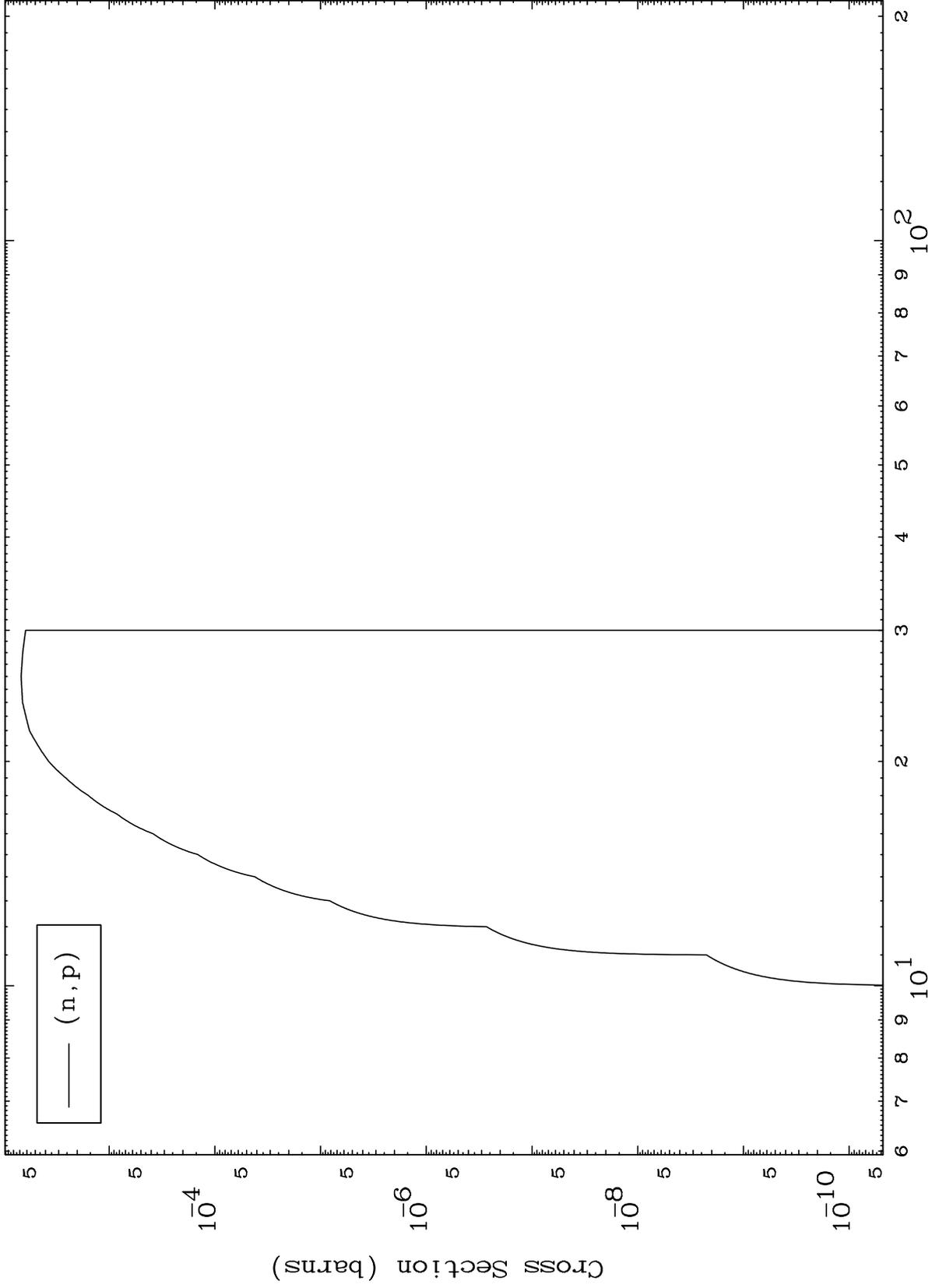
0 Kelvin Cross Sections



MAT 5071

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-127m



6

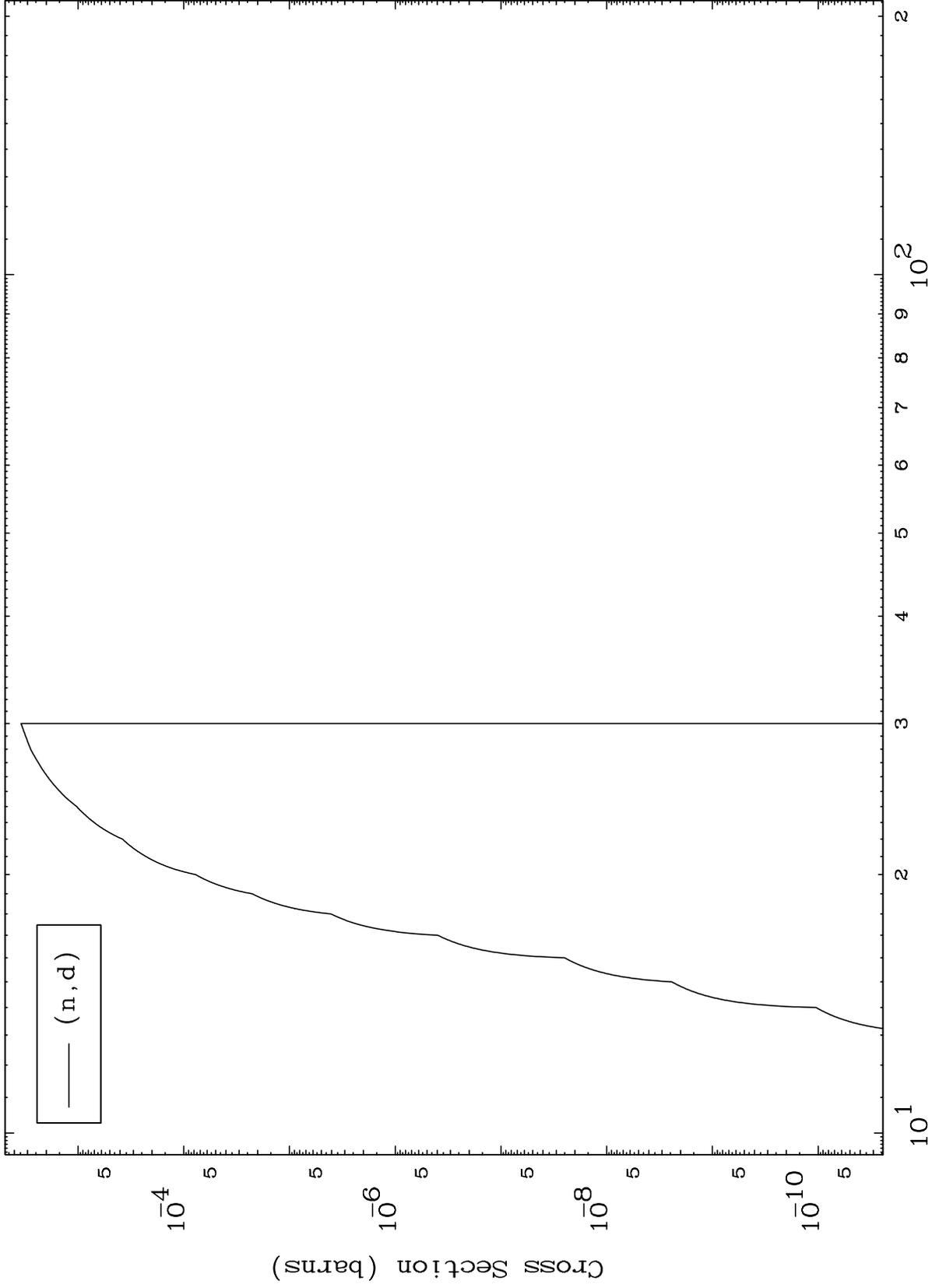
Incident Energy (MeV)

50-Sn-127m

MAT 5071

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-127m



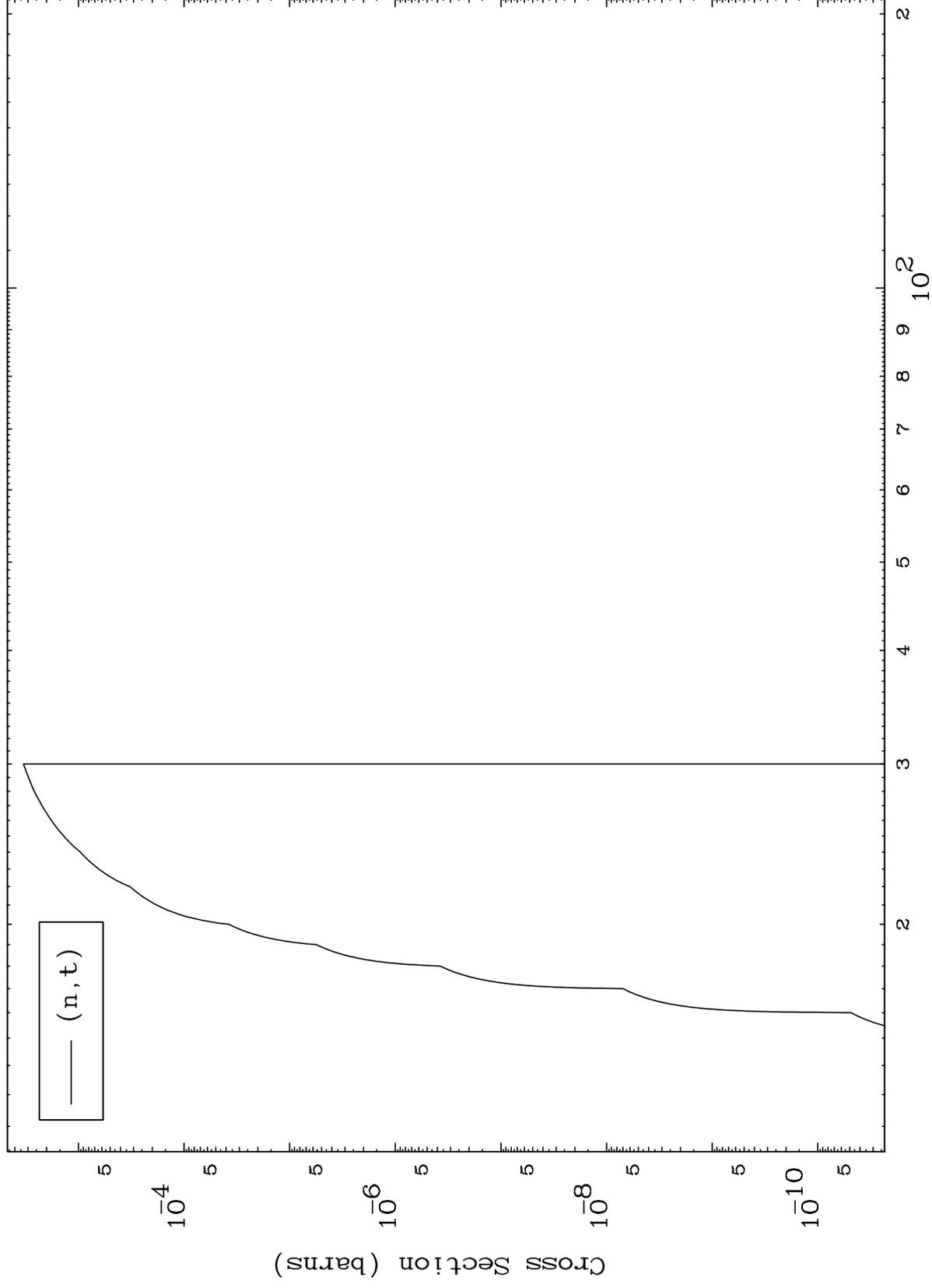
50-Sn-127m

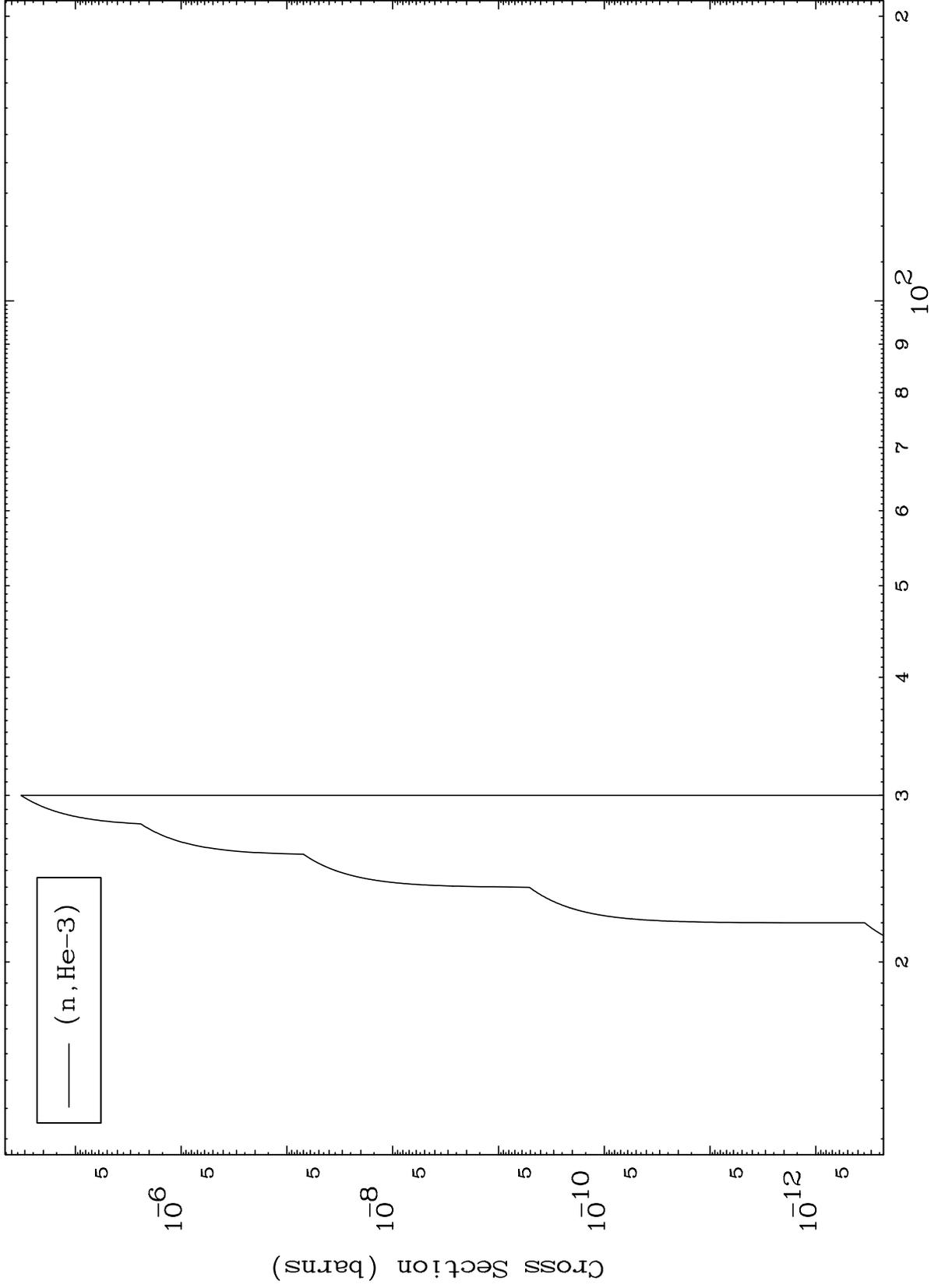
Incident Energy (MeV)

MAT 5071

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-127m

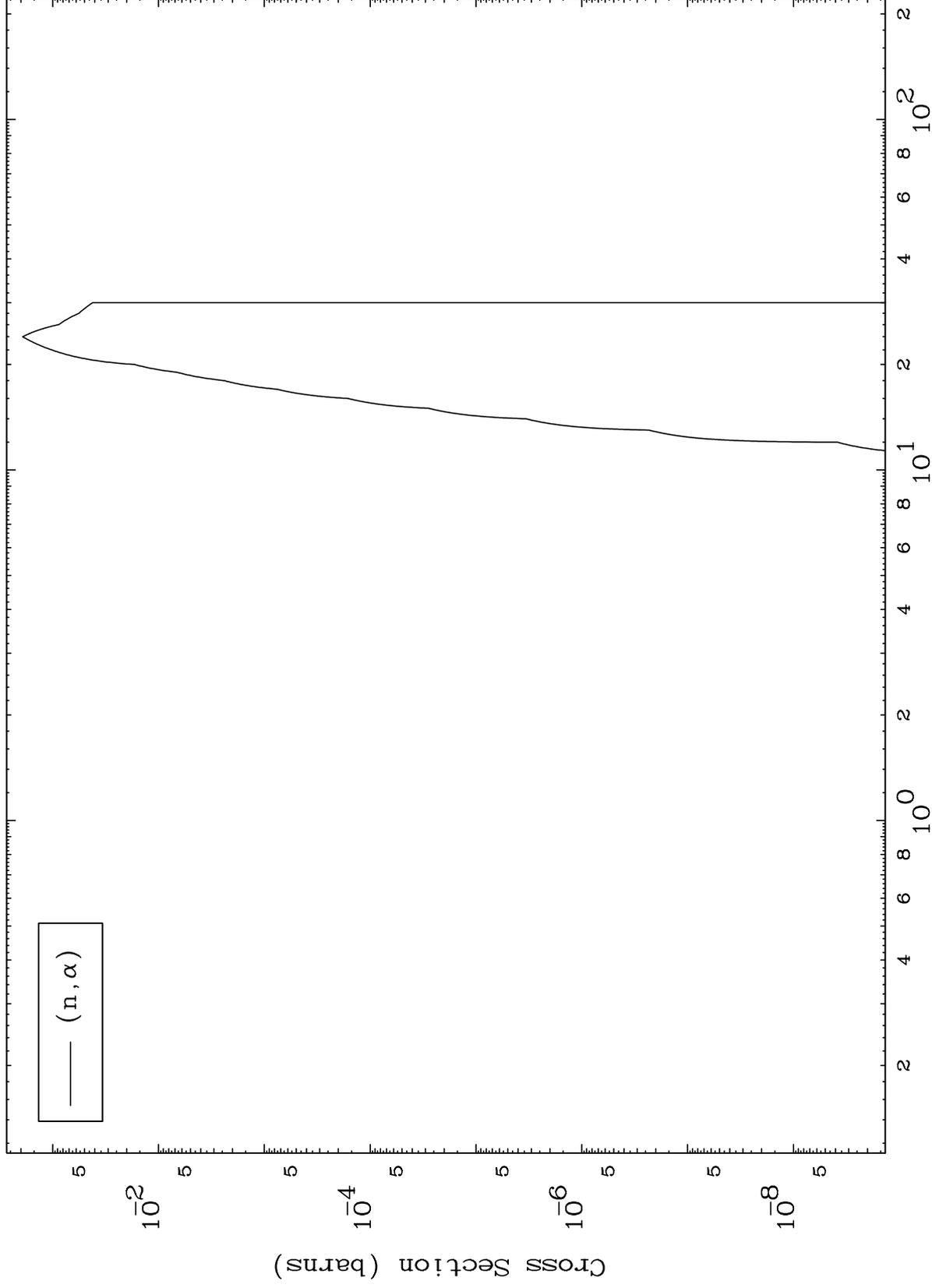




MAT 5071

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-127m



10

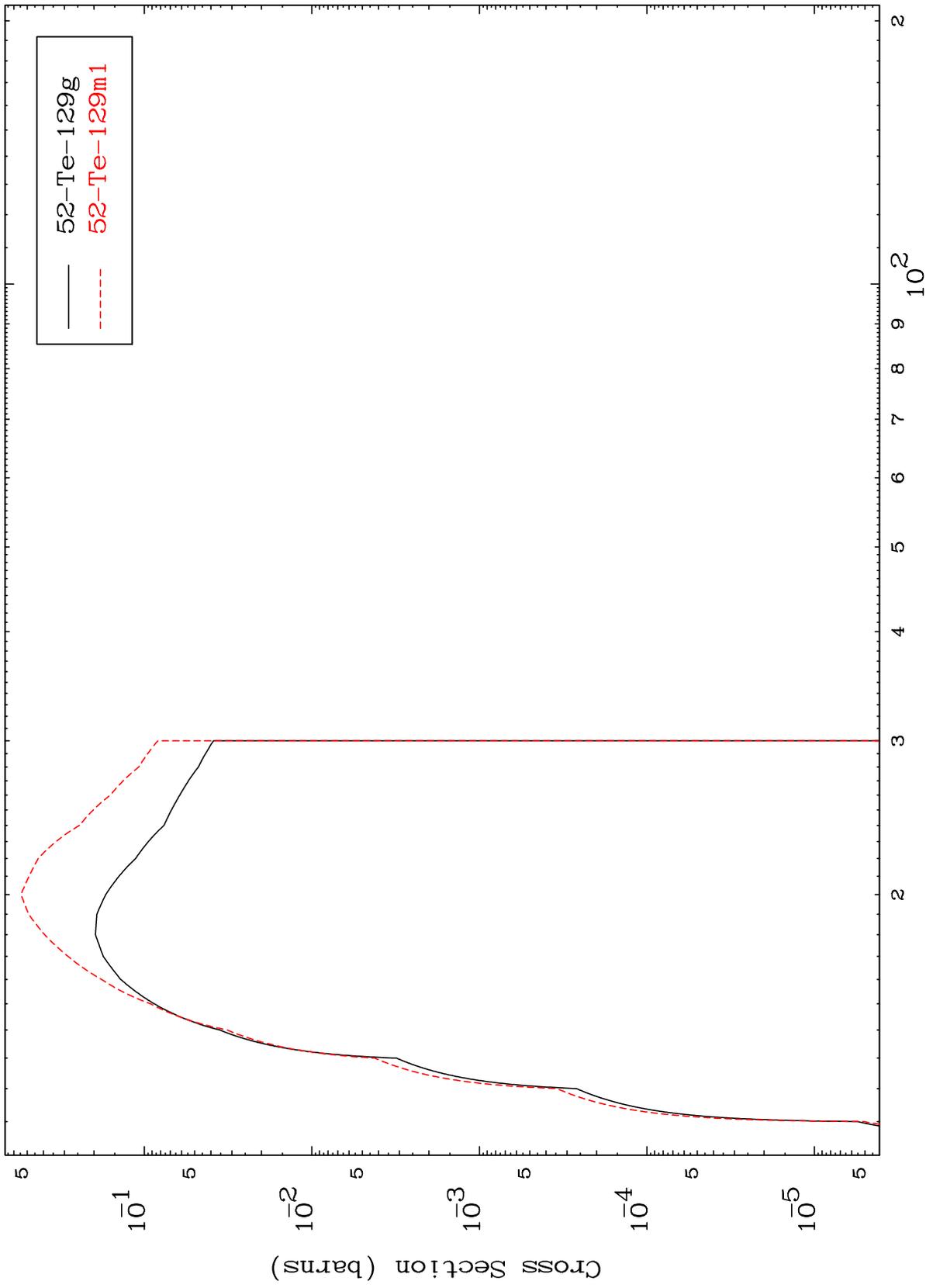
Incident Energy (MeV)

50-Sn-127m

MAT 5071

50-Sn-127m

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

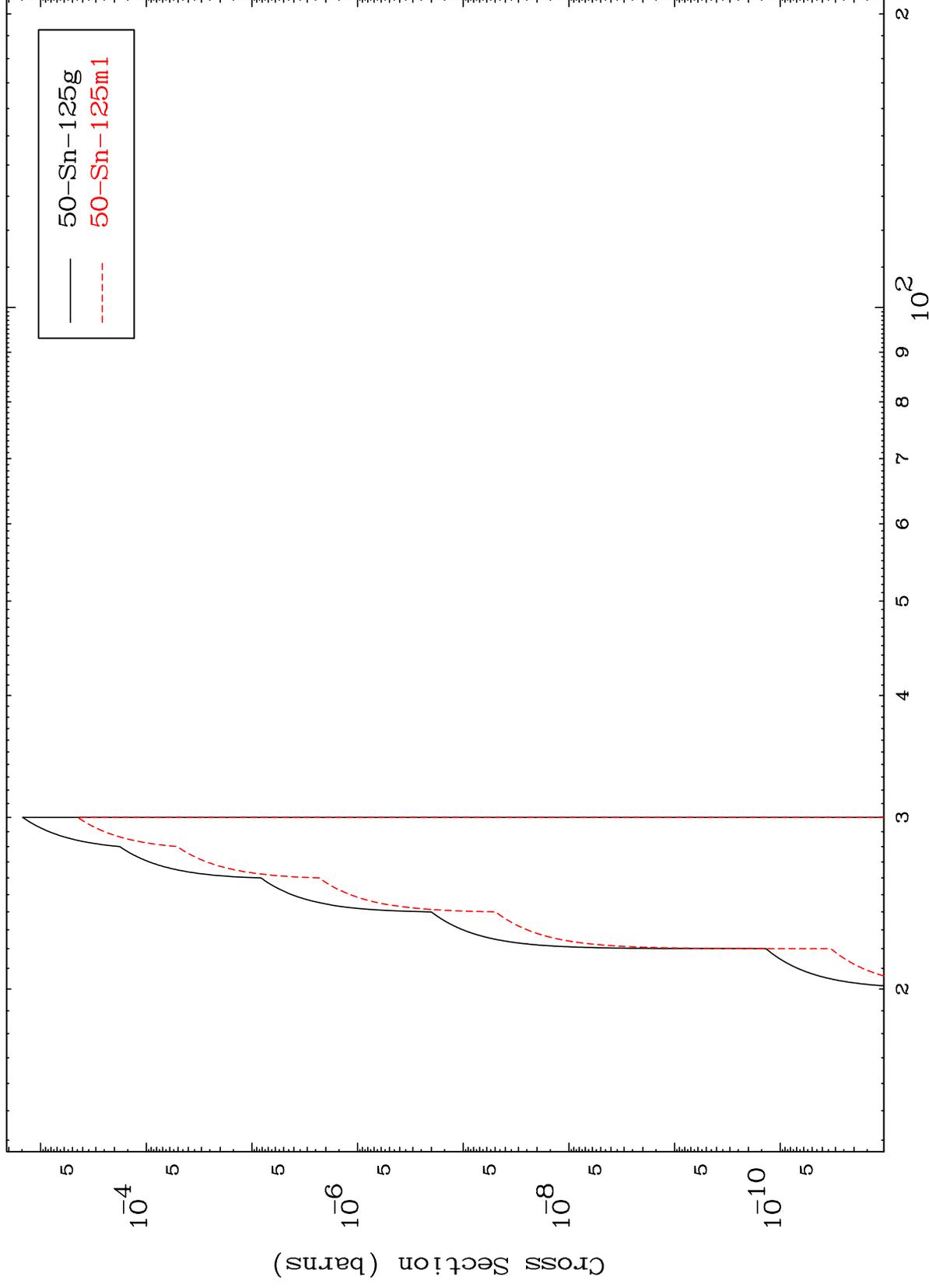
50-Sn-127m

MAT 5071

50-Sn-127m

(n,2n) α

Radionuclide Production Cross Section



12

50-Sn-127m

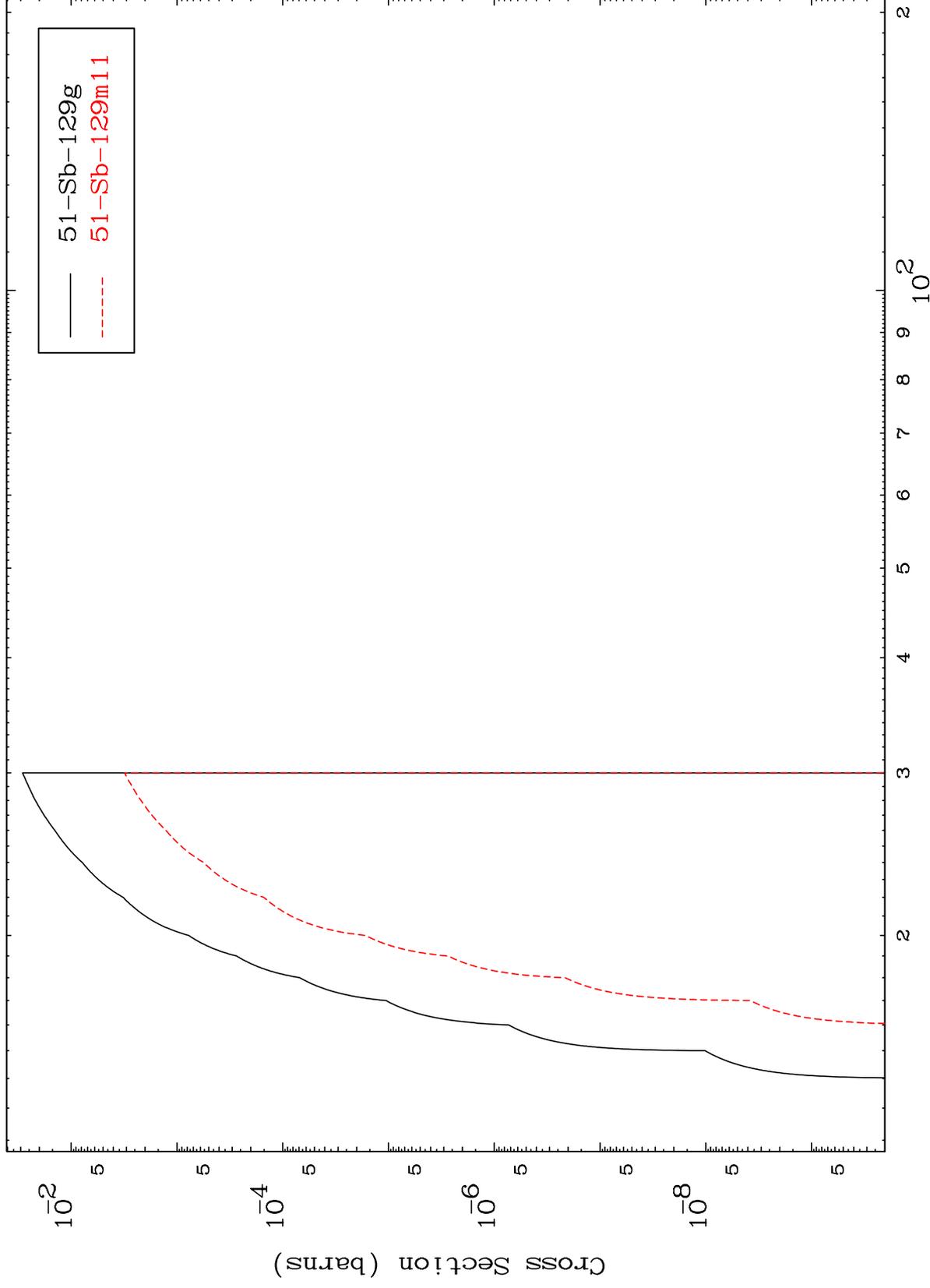
Incident Energy (MeV)

MAT 5071

(n,n') p

50-Sn-127m

Radionuclide Production Cross Section



13

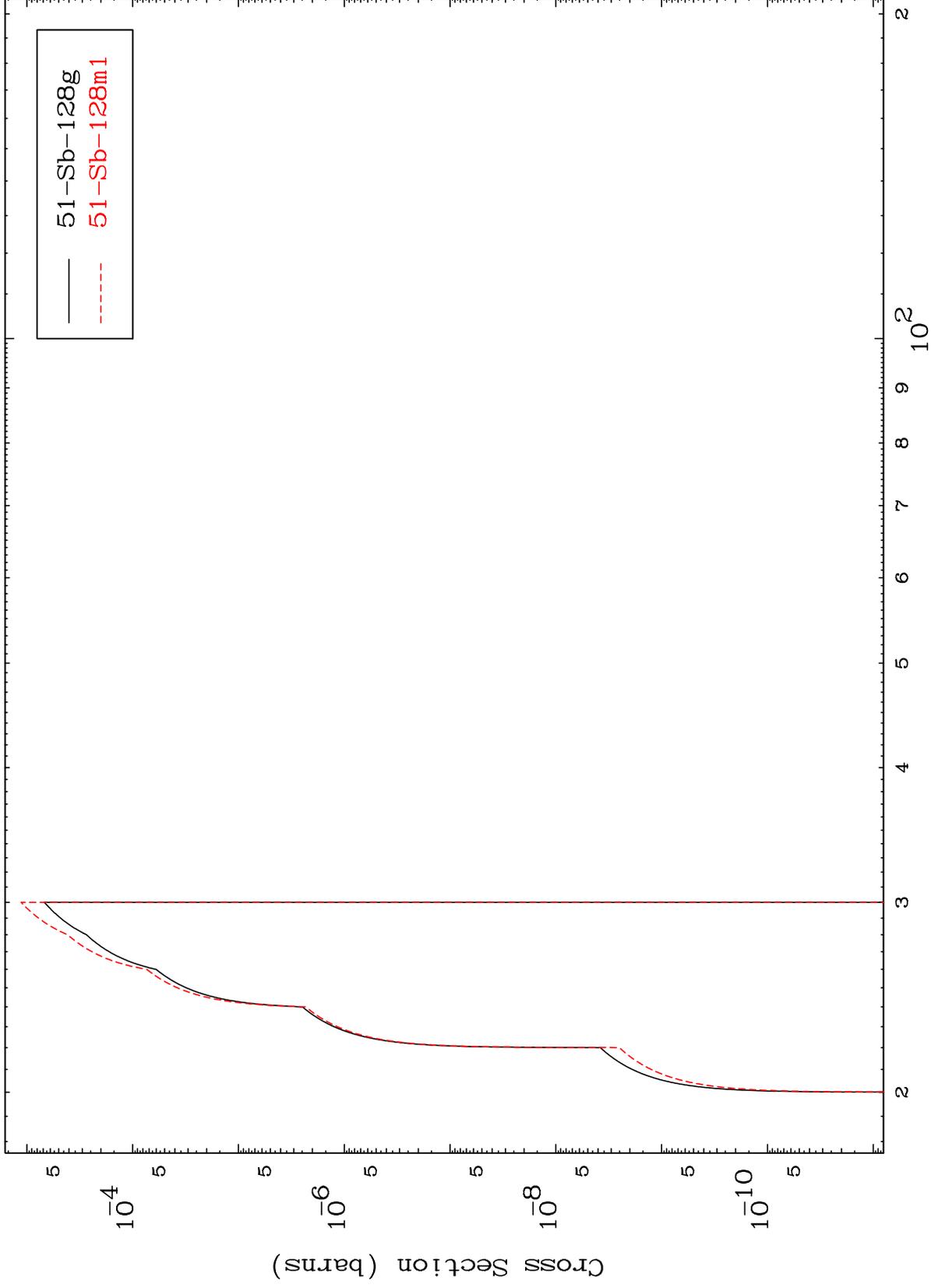
Incident Energy (MeV)

50-Sn-127m

MAT 5071

50-Sn-127m

(n, n') d
Radionuclide Production Cross Section



50-Sn-127m

Incident Energy (MeV)

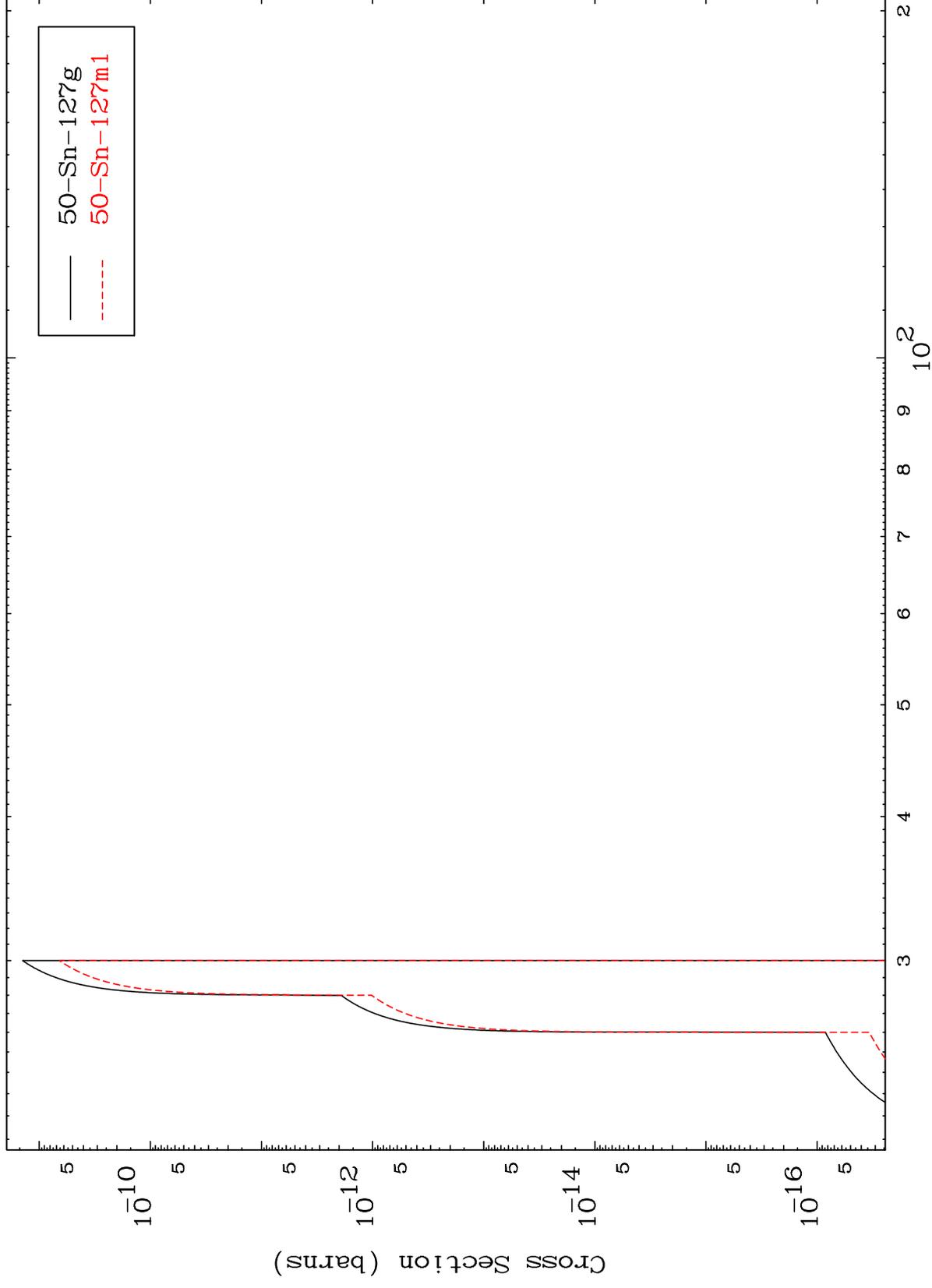
14

MAT 5071

(n,n') He-3

50-Sn-127m

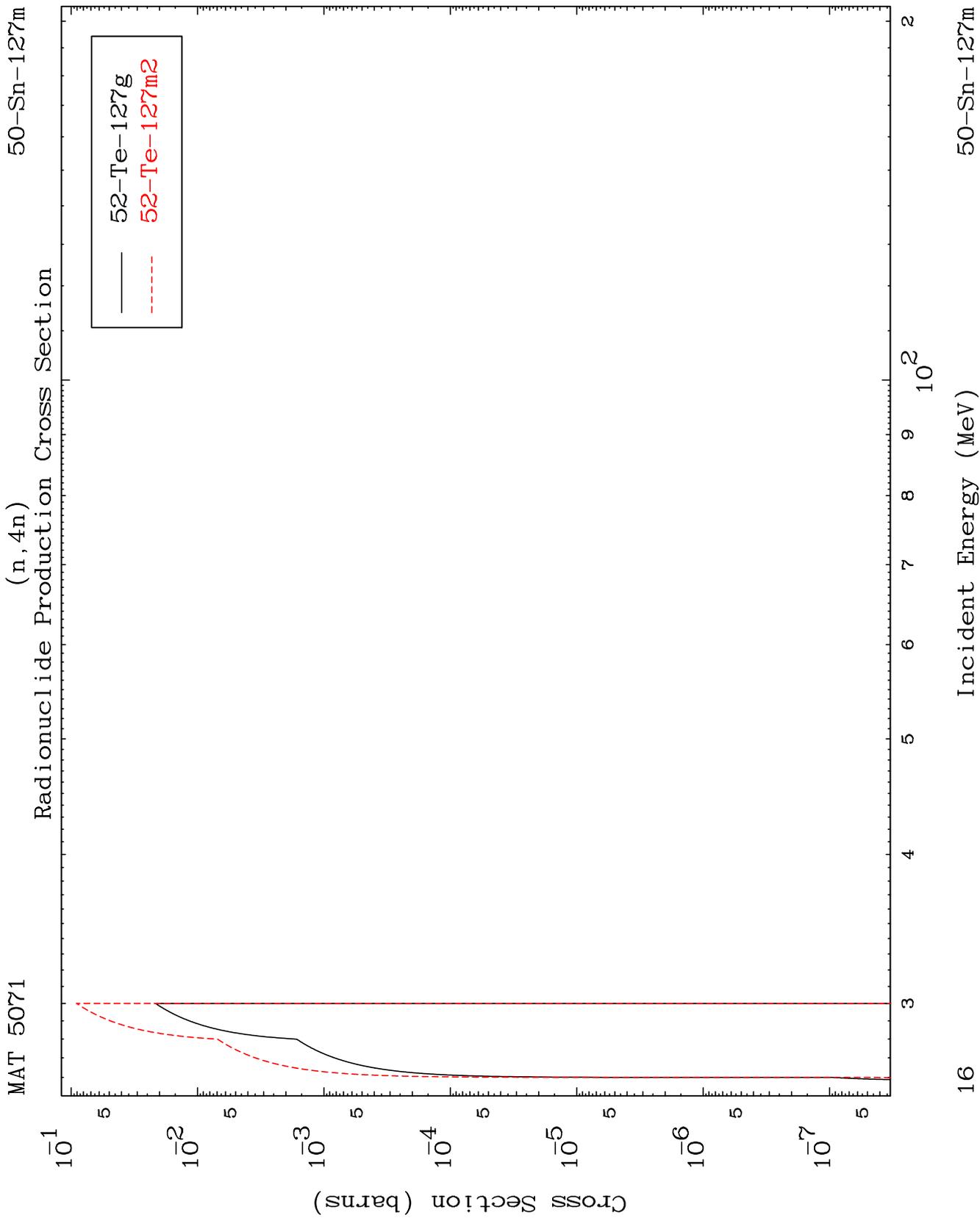
Radionuclide Production Cross Section



15

Incident Energy (MeV)

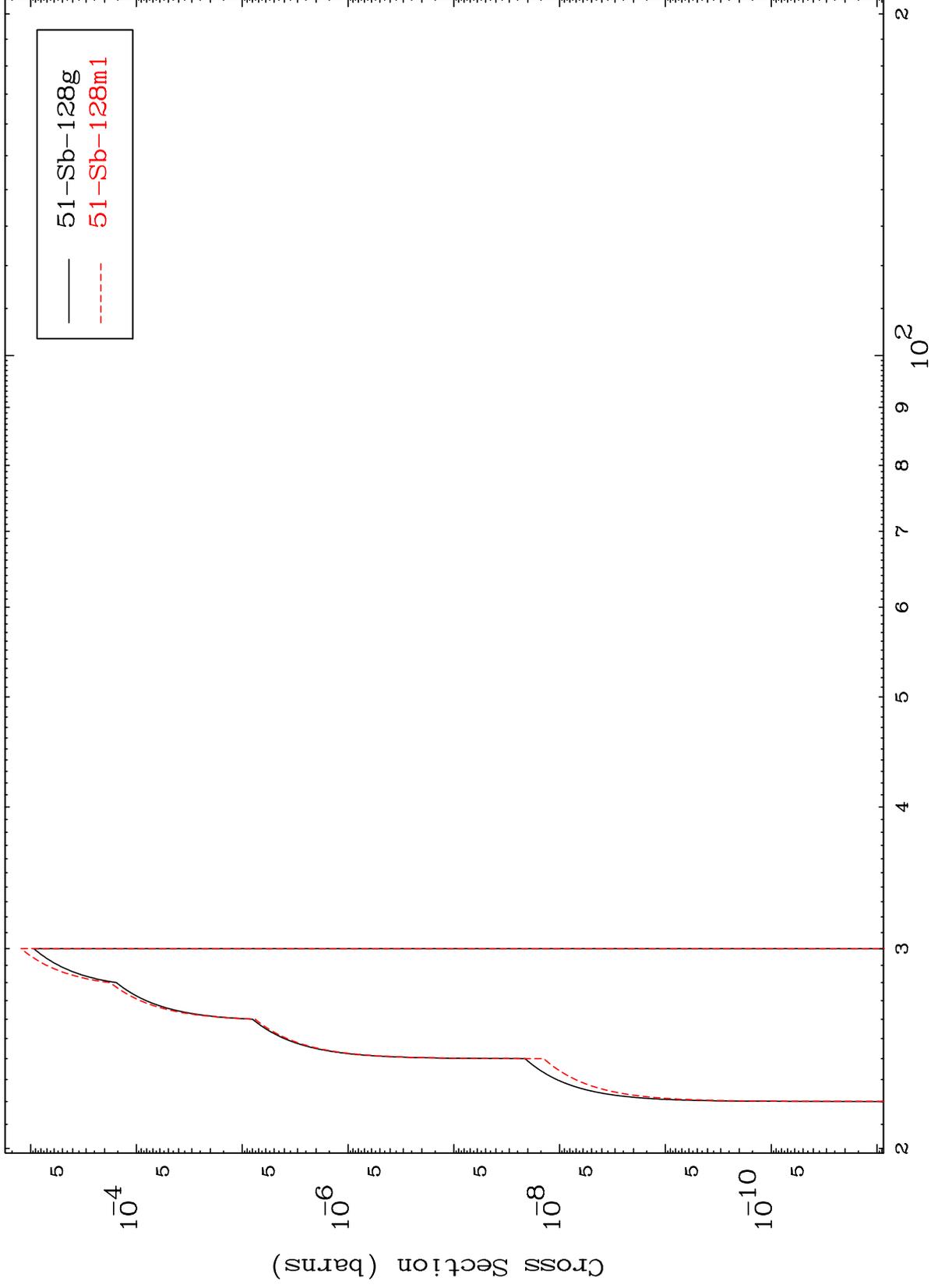
50-Sn-127m



MAT 5071

50-Sn-127m

(n,2n) p
Radionuclide Production Cross Section

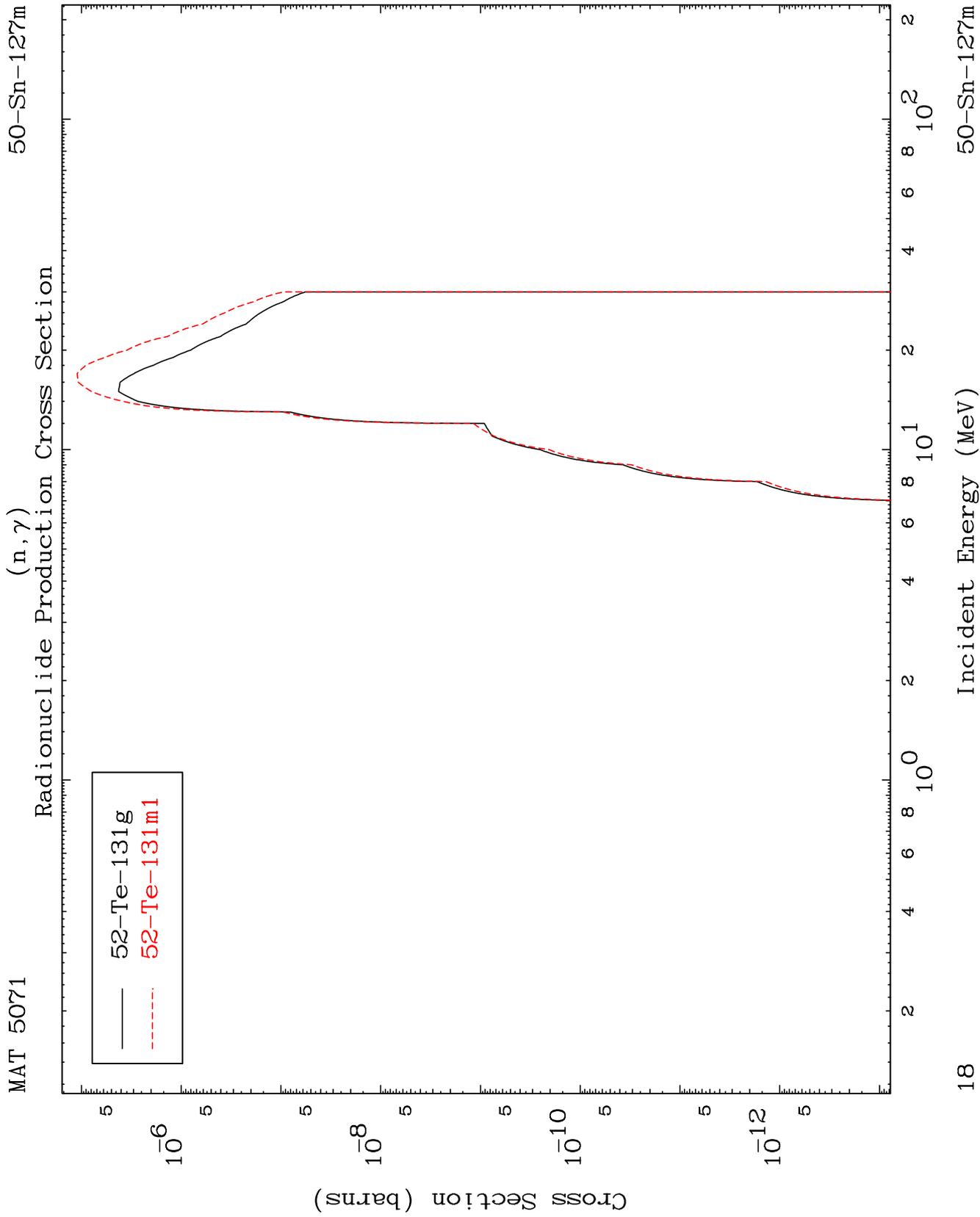


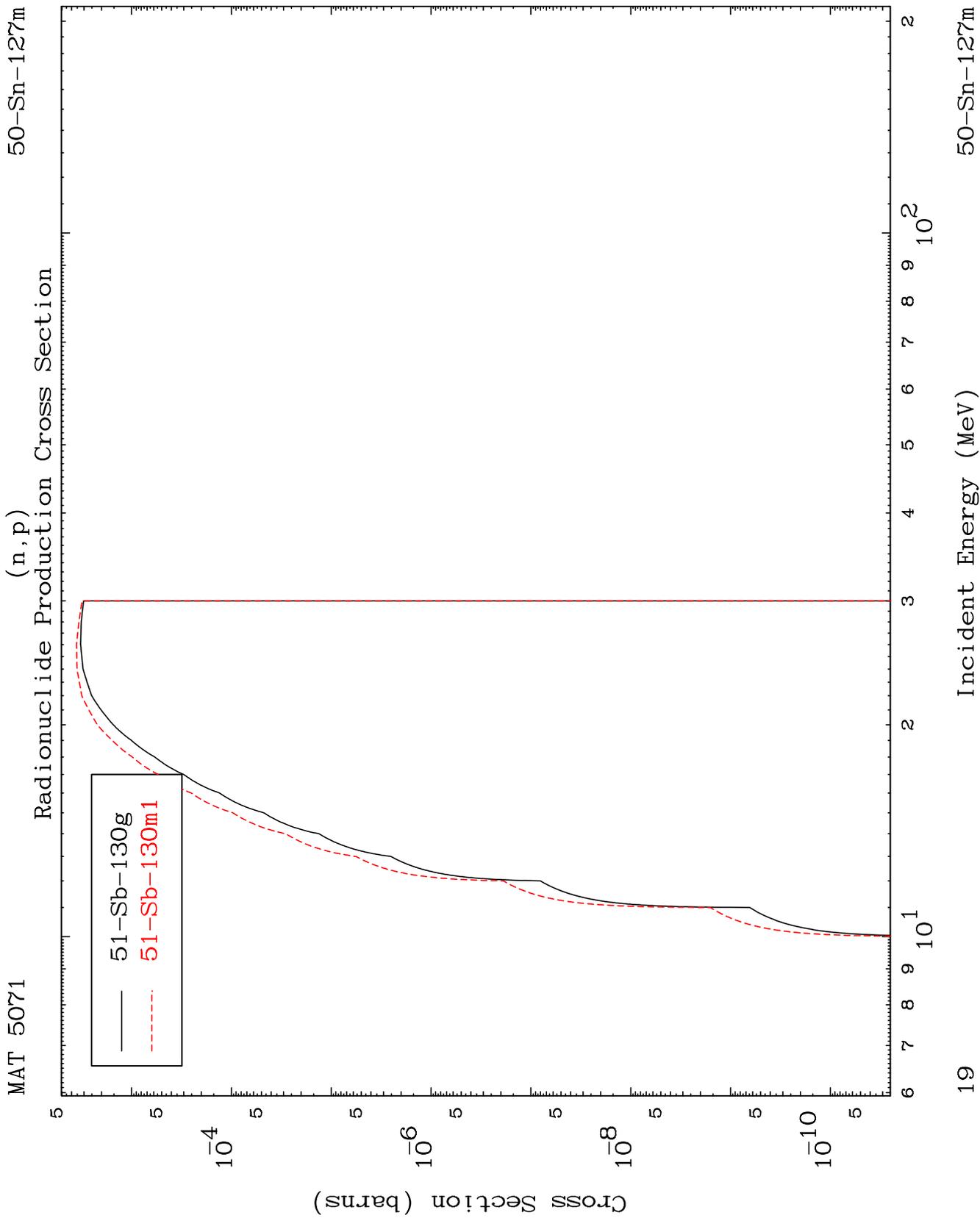
17

Incident Energy (MeV)

50-Sn-127m

MAT 5071

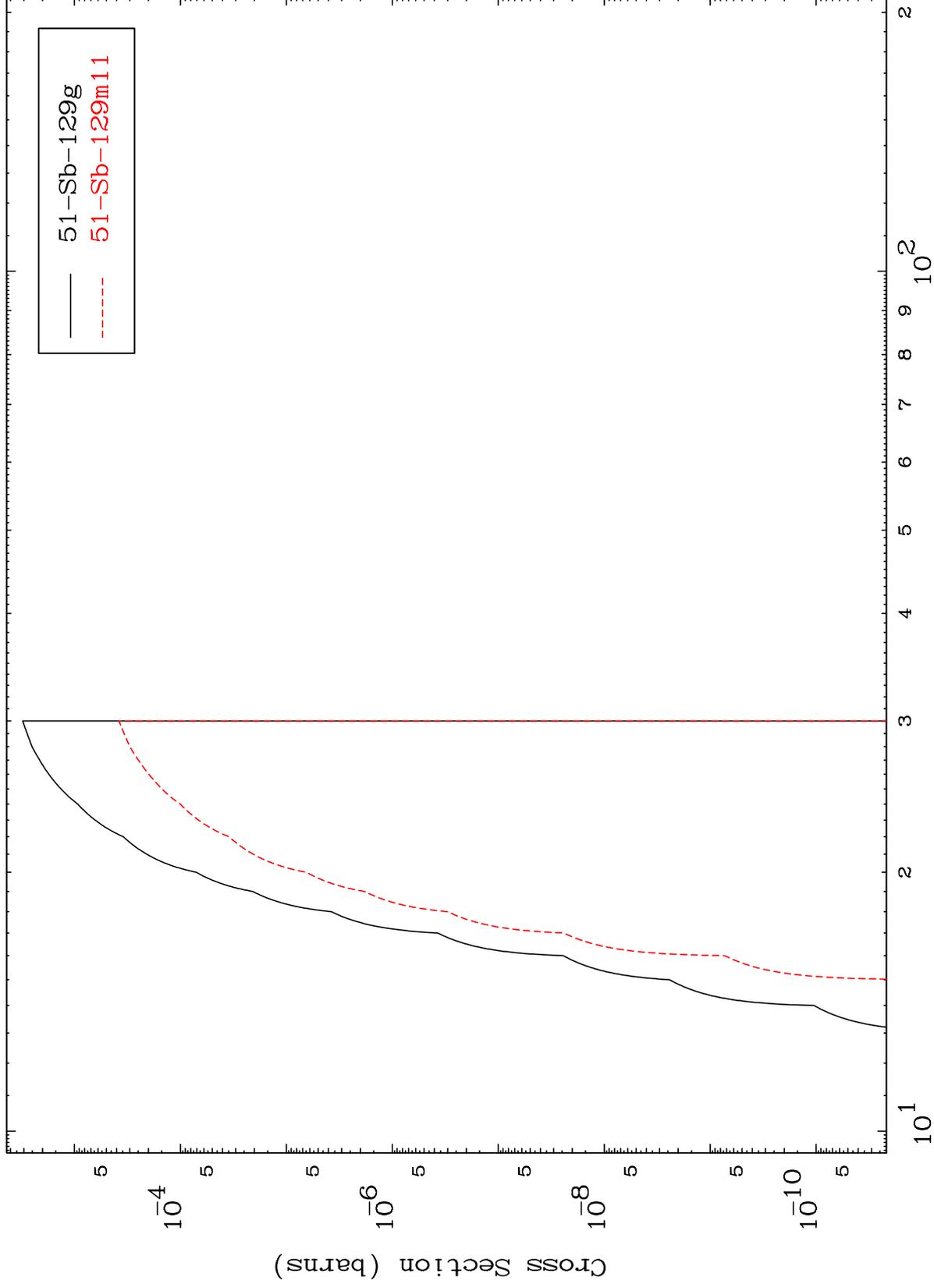




MAT 5071

50-Sn-127m

(n,d)
Radionuclide Production Cross Section



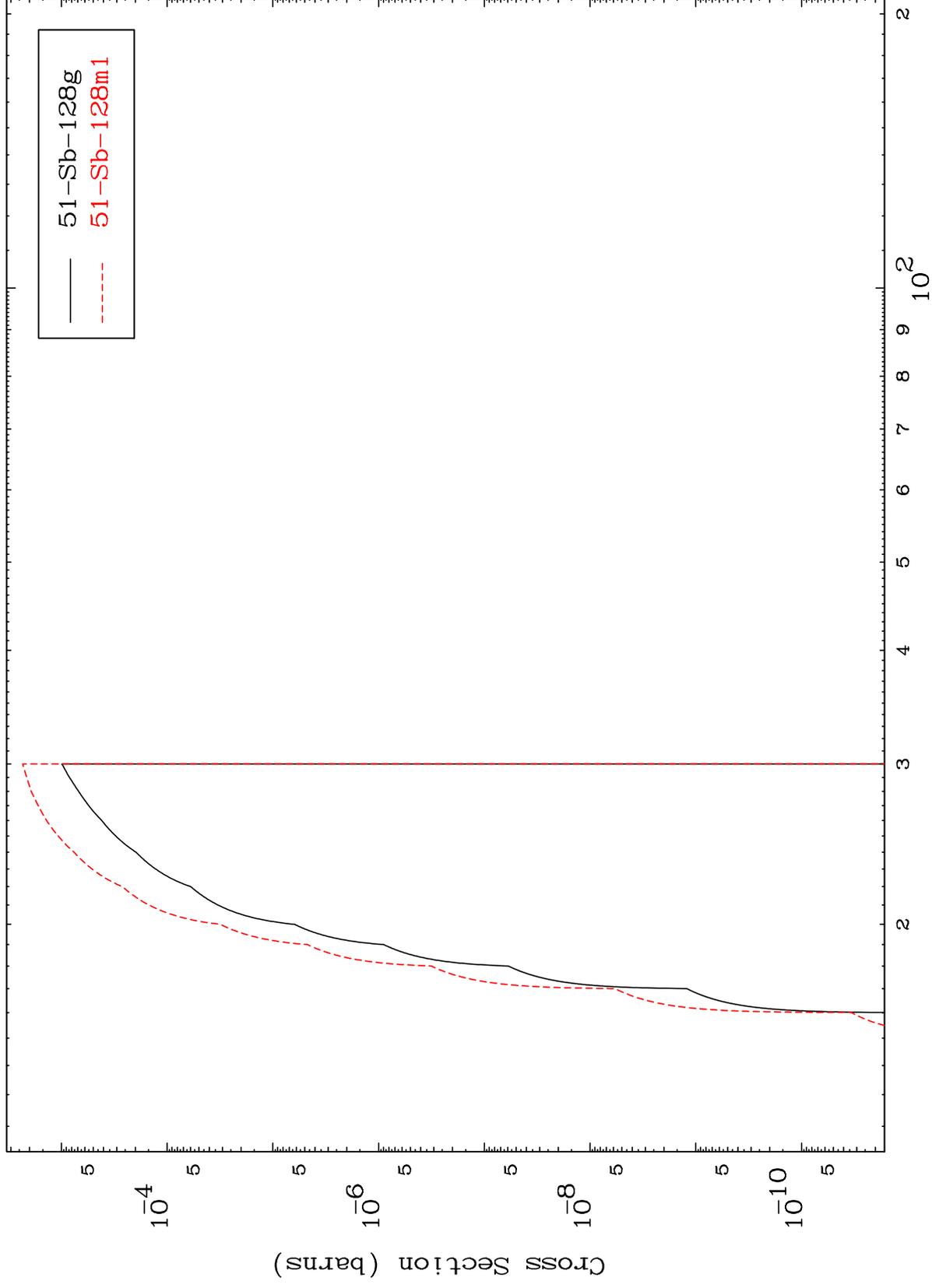
50-Sn-127m

Incident Energy (MeV)

MAT 5071

50-Sn-127m

(n, t)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

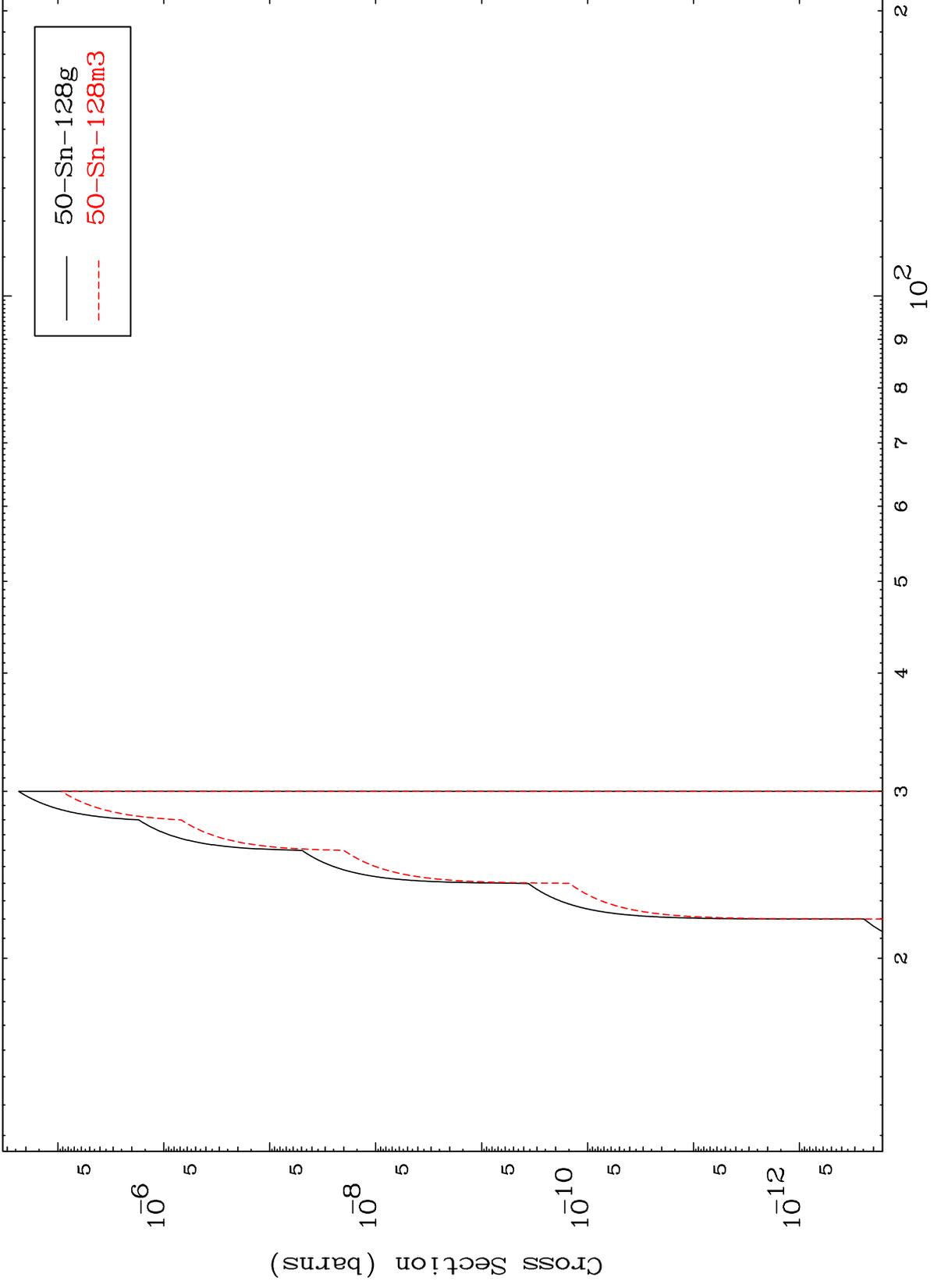
50-Sn-127m

MAT 5071

(n,He-3)

50-Sn-127m

Radionuclide Production Cross Section

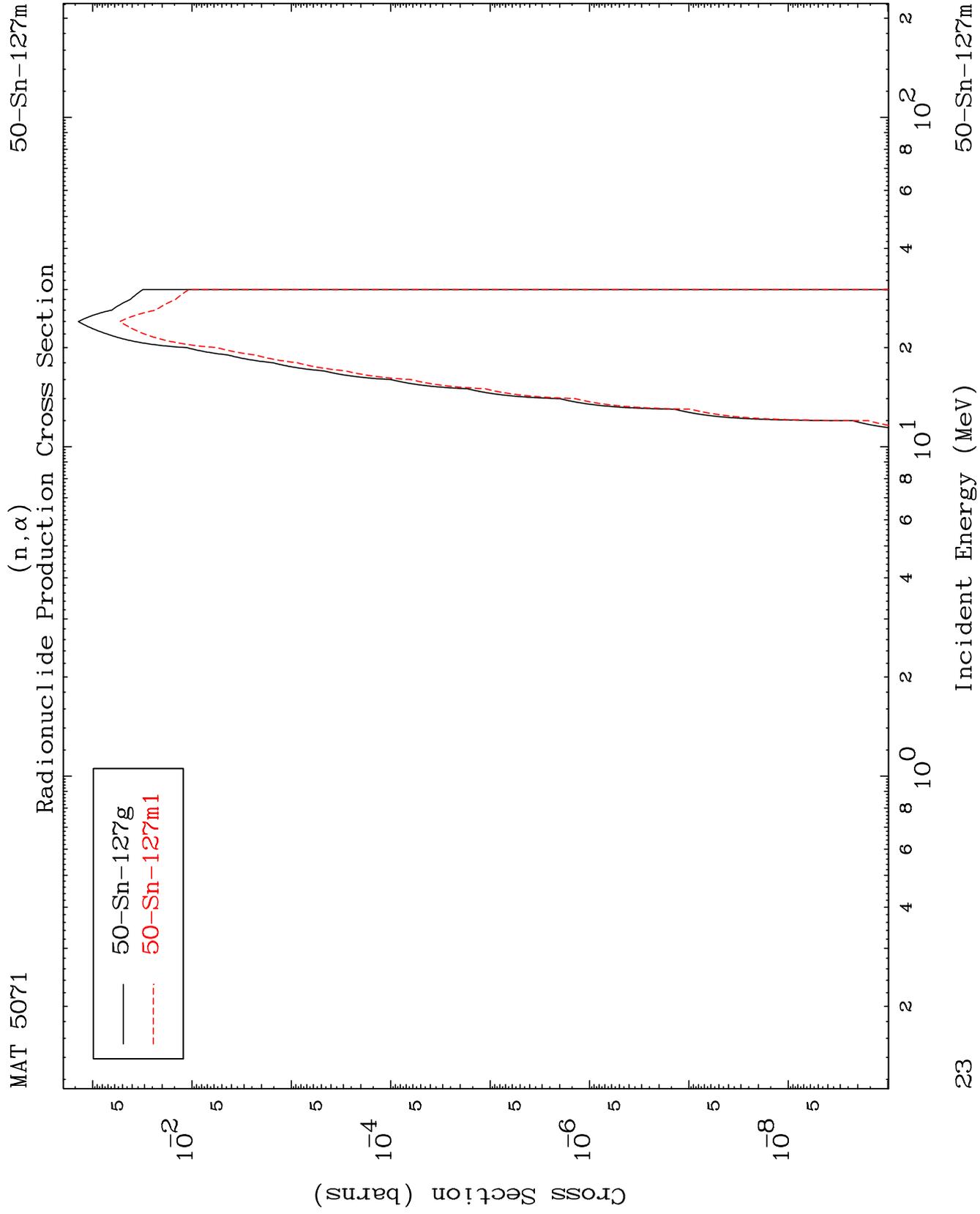


22

Incident Energy (MeV)

50-Sn-127m

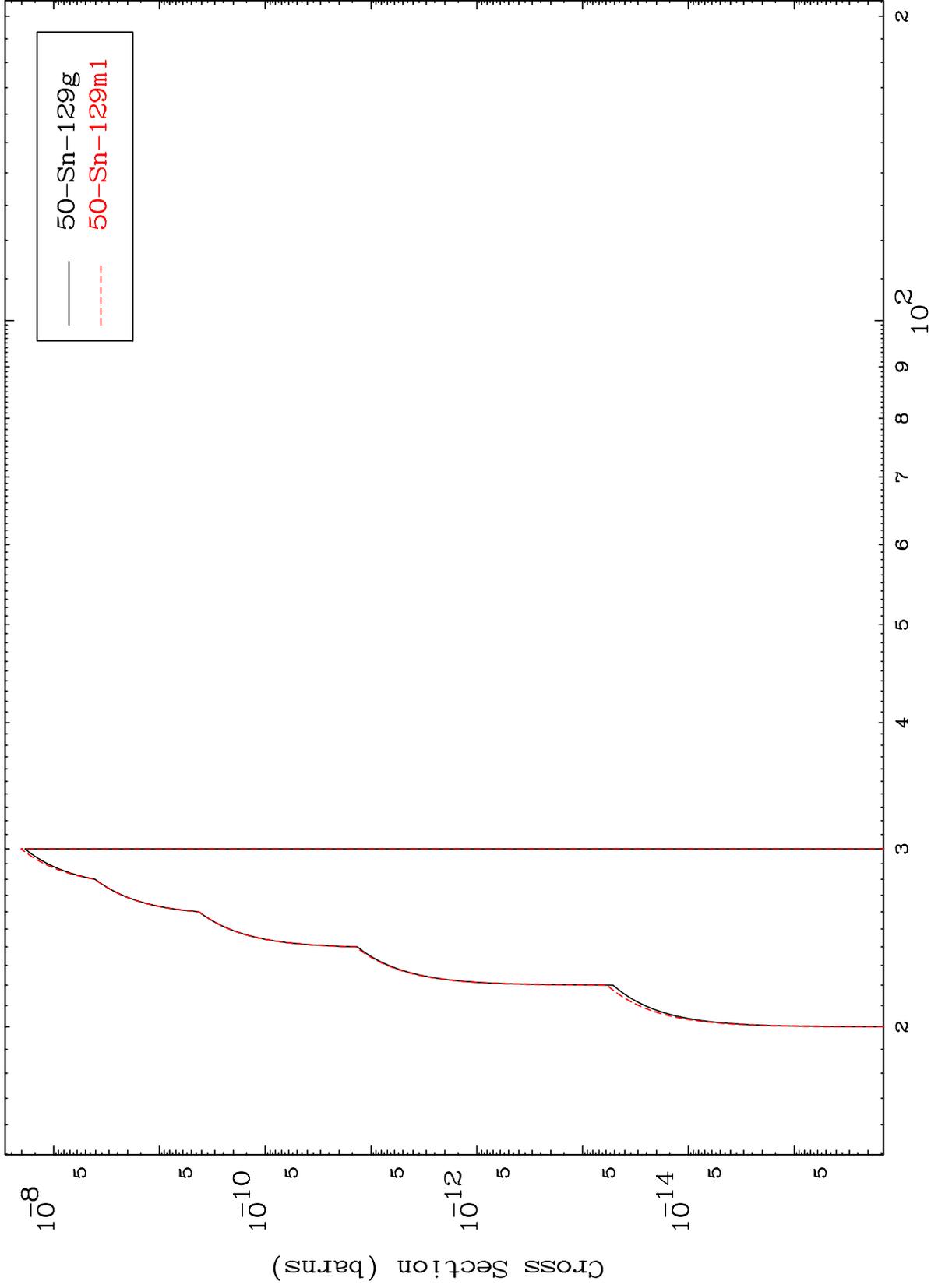
MAT 5071



MAT 5071

50-Sn-127m

(n,2p)
Radionuclide Production Cross Section



24

Incident Energy (MeV)

50-Sn-127m