

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

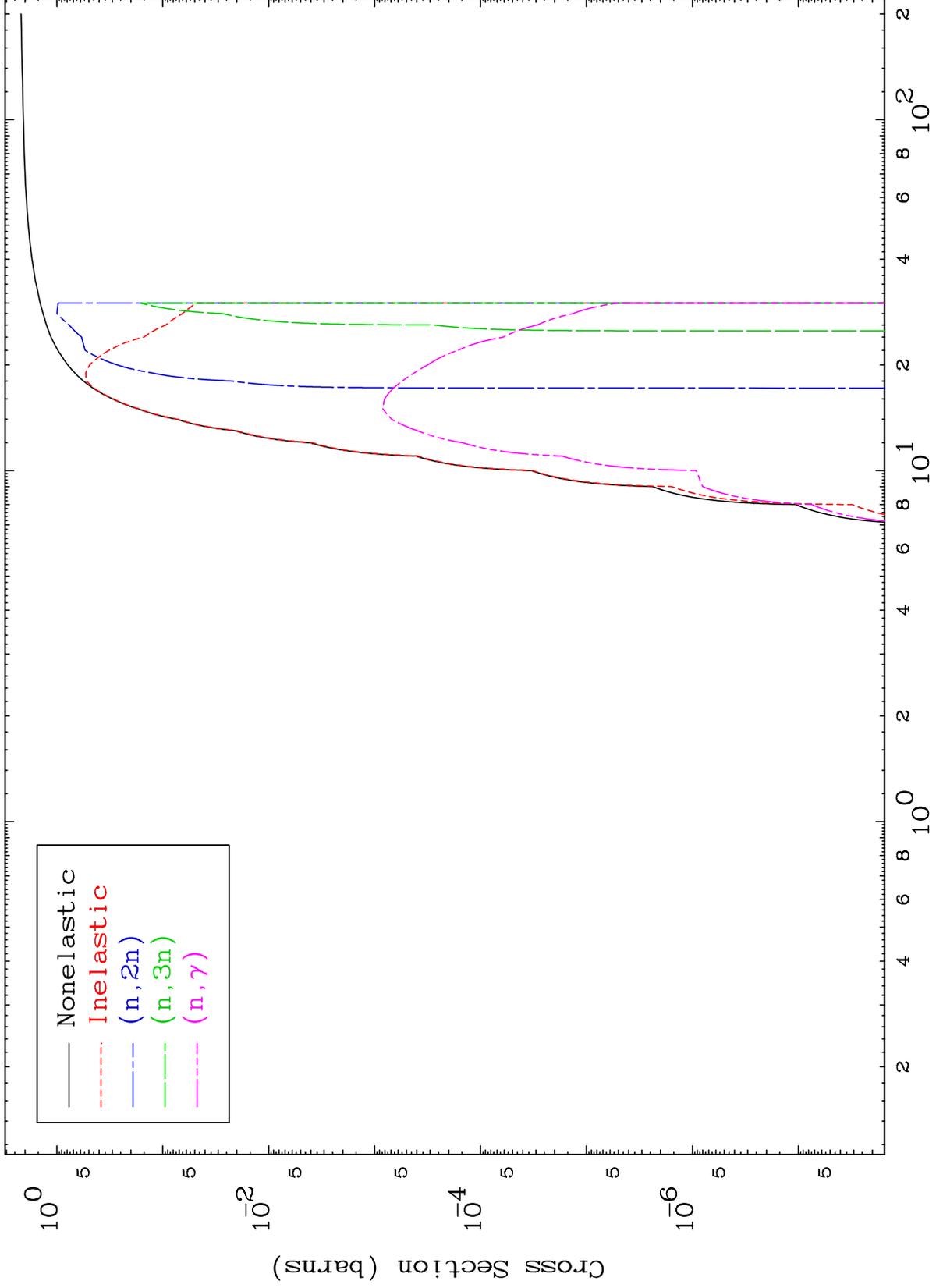
Press Mouse Button to Start

MAT 5041

0 Kelvin

α Major Cross Sections

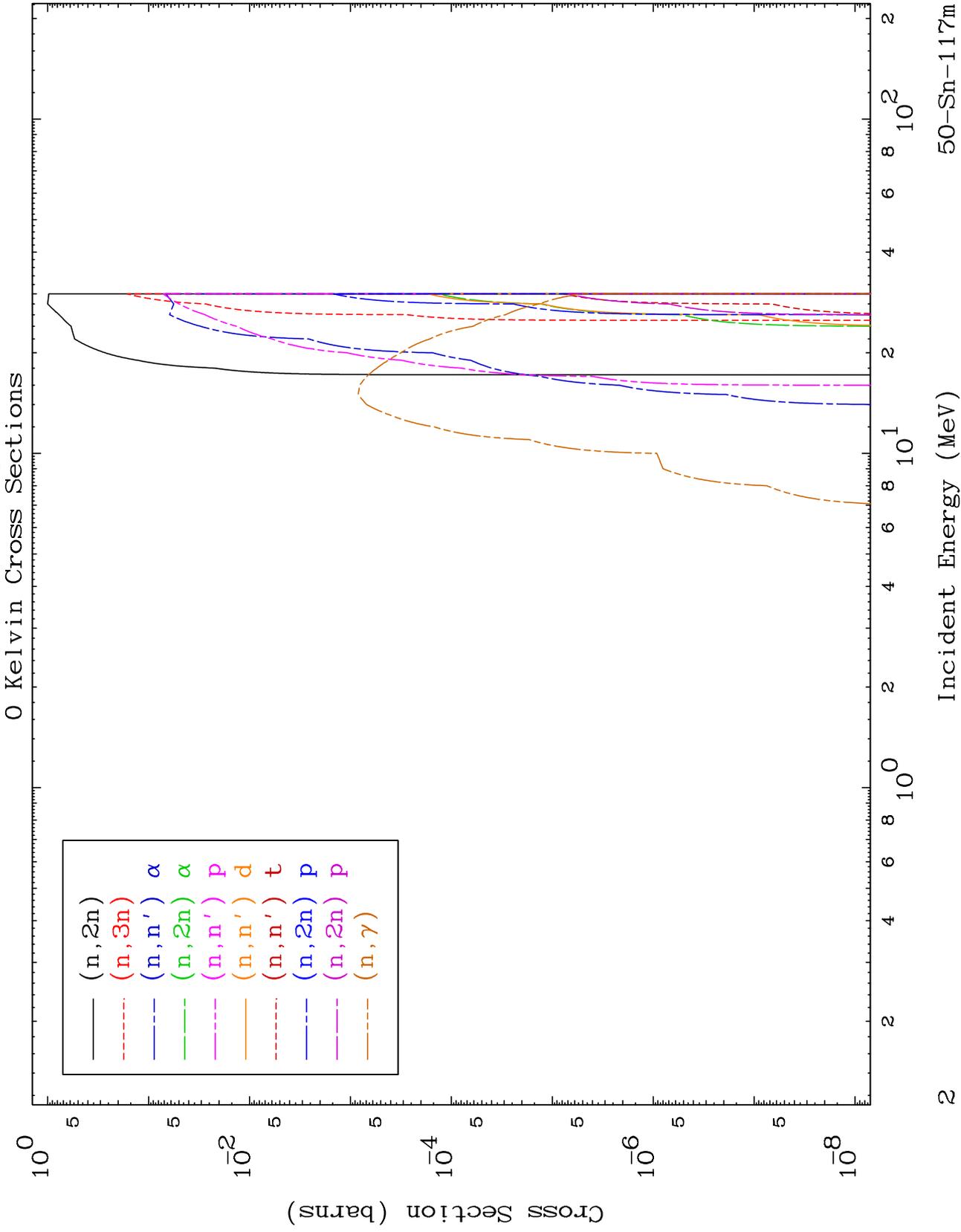
50-Sn-117m



MAT 5041

α Neutron Absorption

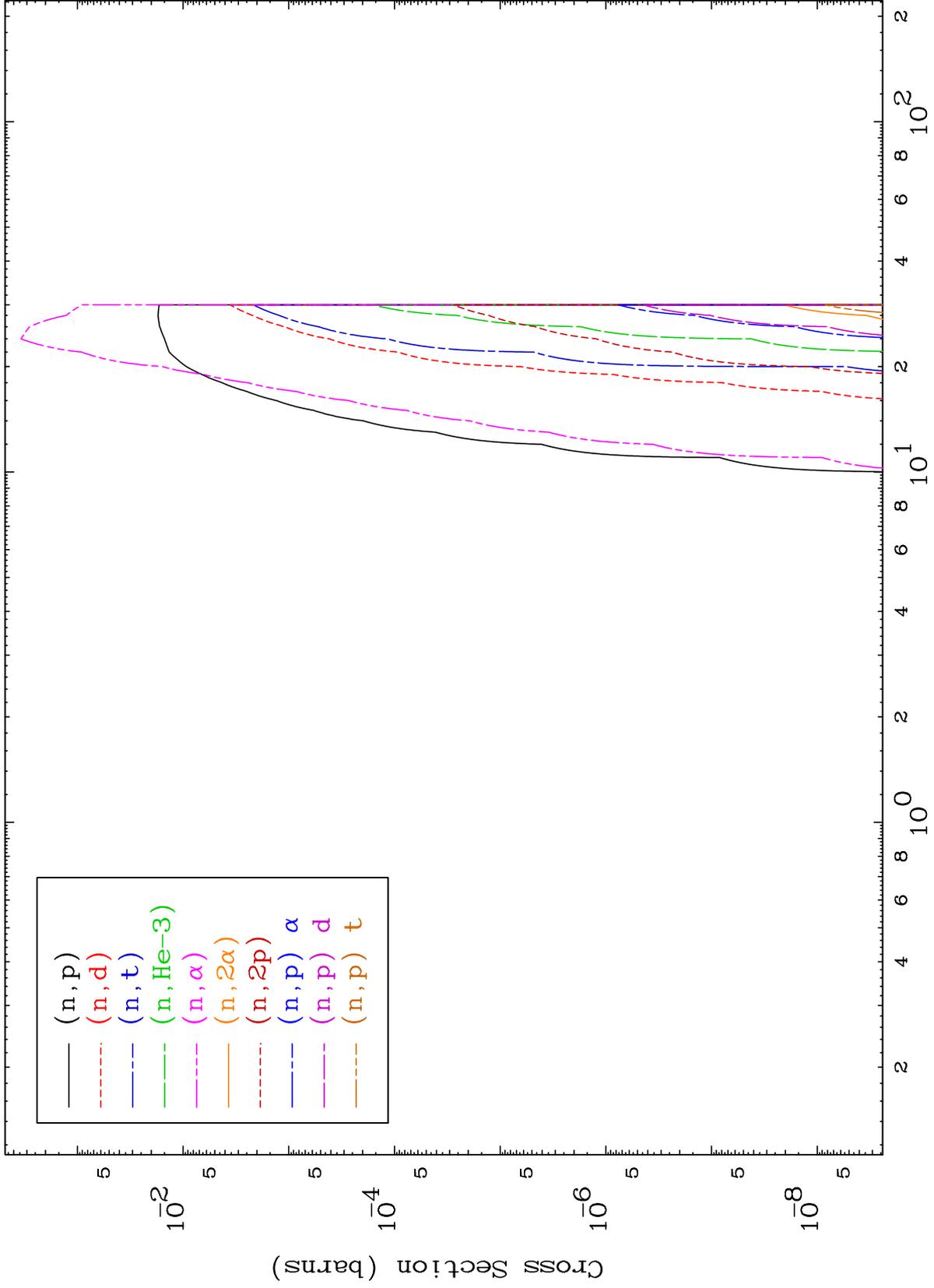
50-Sn-117m



MAT 5041

α Neutron Absorption
0 Kelvin Cross Sections

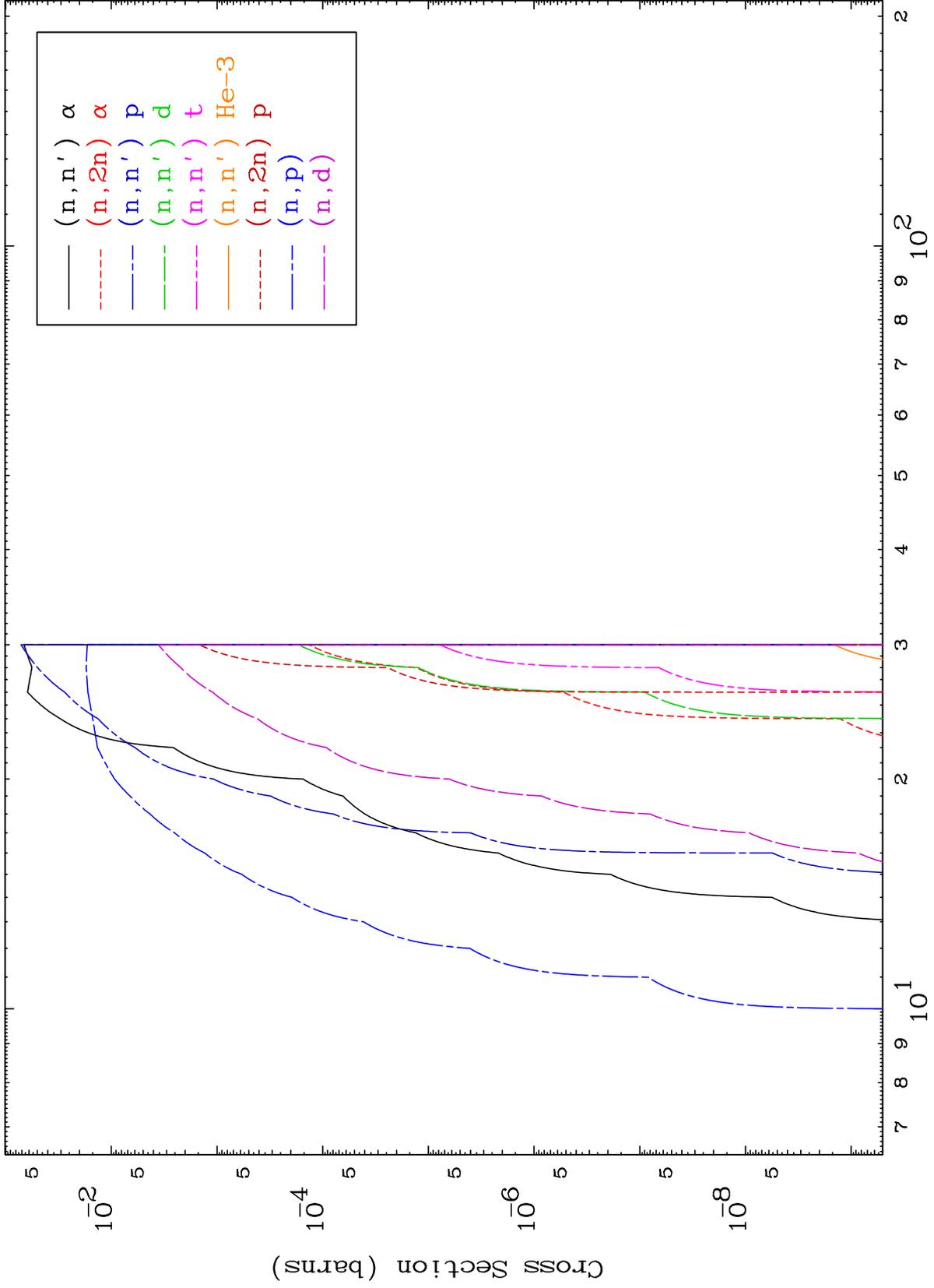
50-Sn-117m



MAT 5041

α Charged Particle
0 Kelvin Cross Sections

50-Sn-117m



4

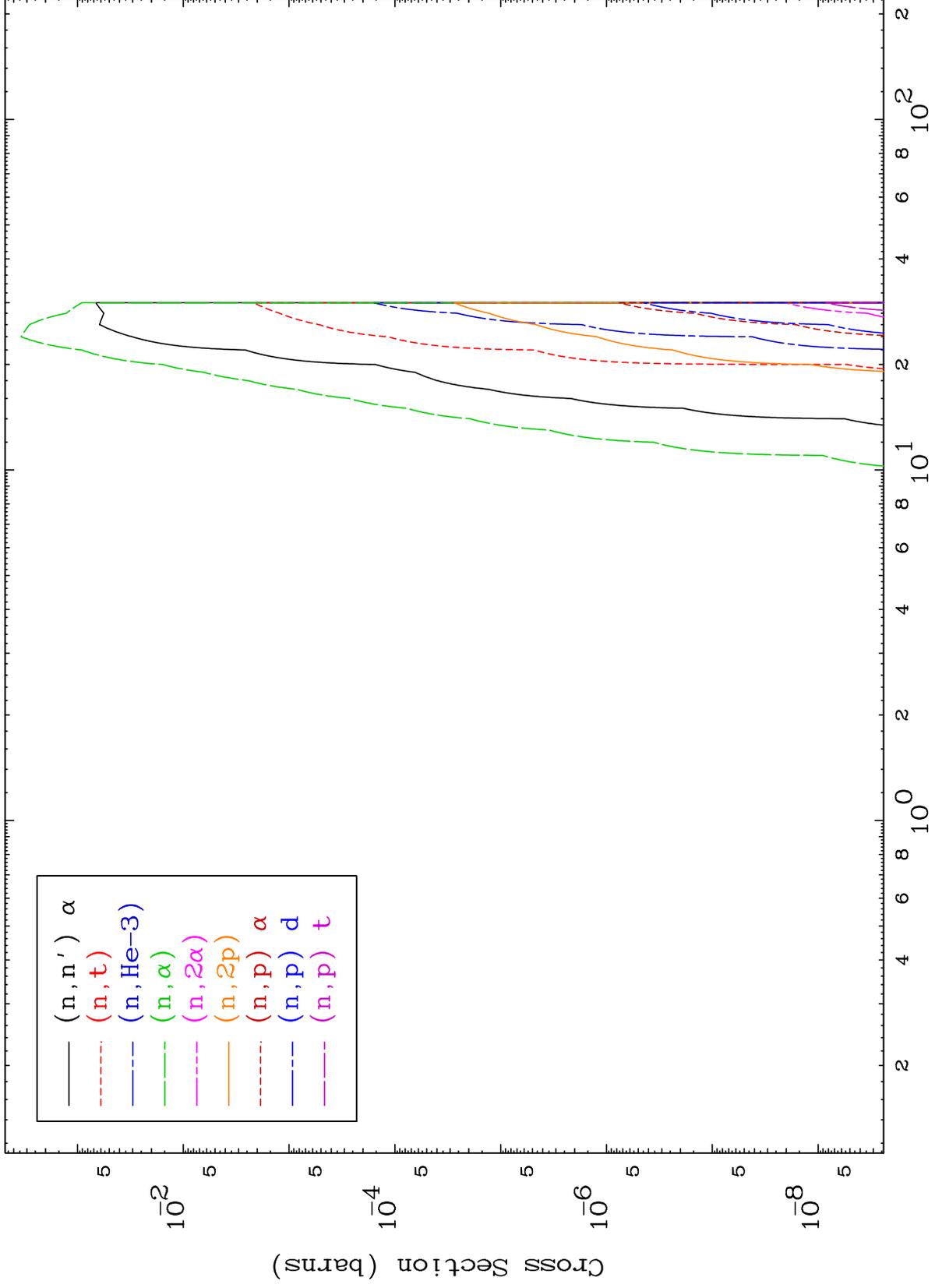
Incident Energy (MeV)

50-Sn-117m

MAT 5041

α Charged Particle
0 Kelvin Cross Sections

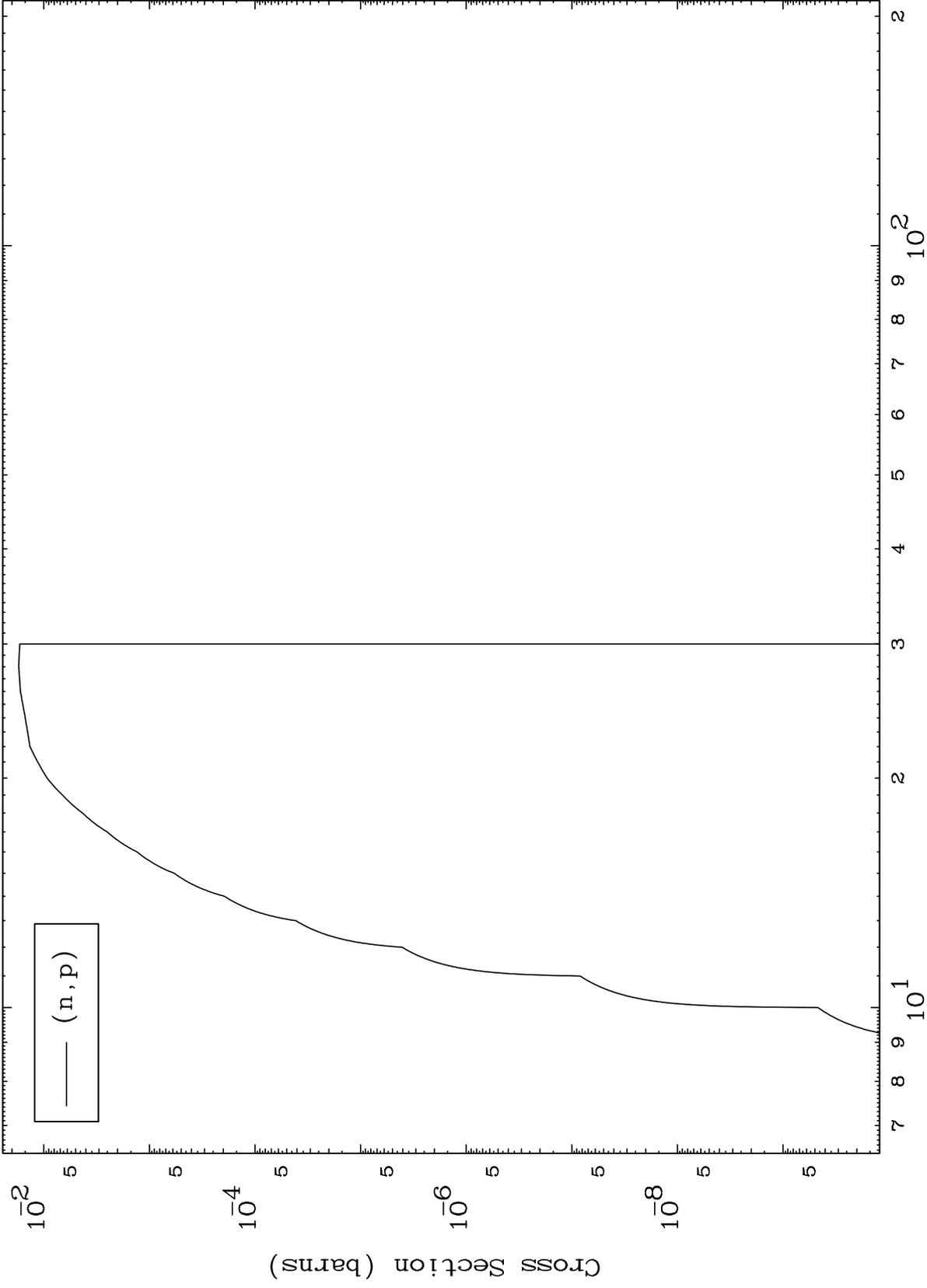
50-Sn-117m



MAT 5041

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-117m



6

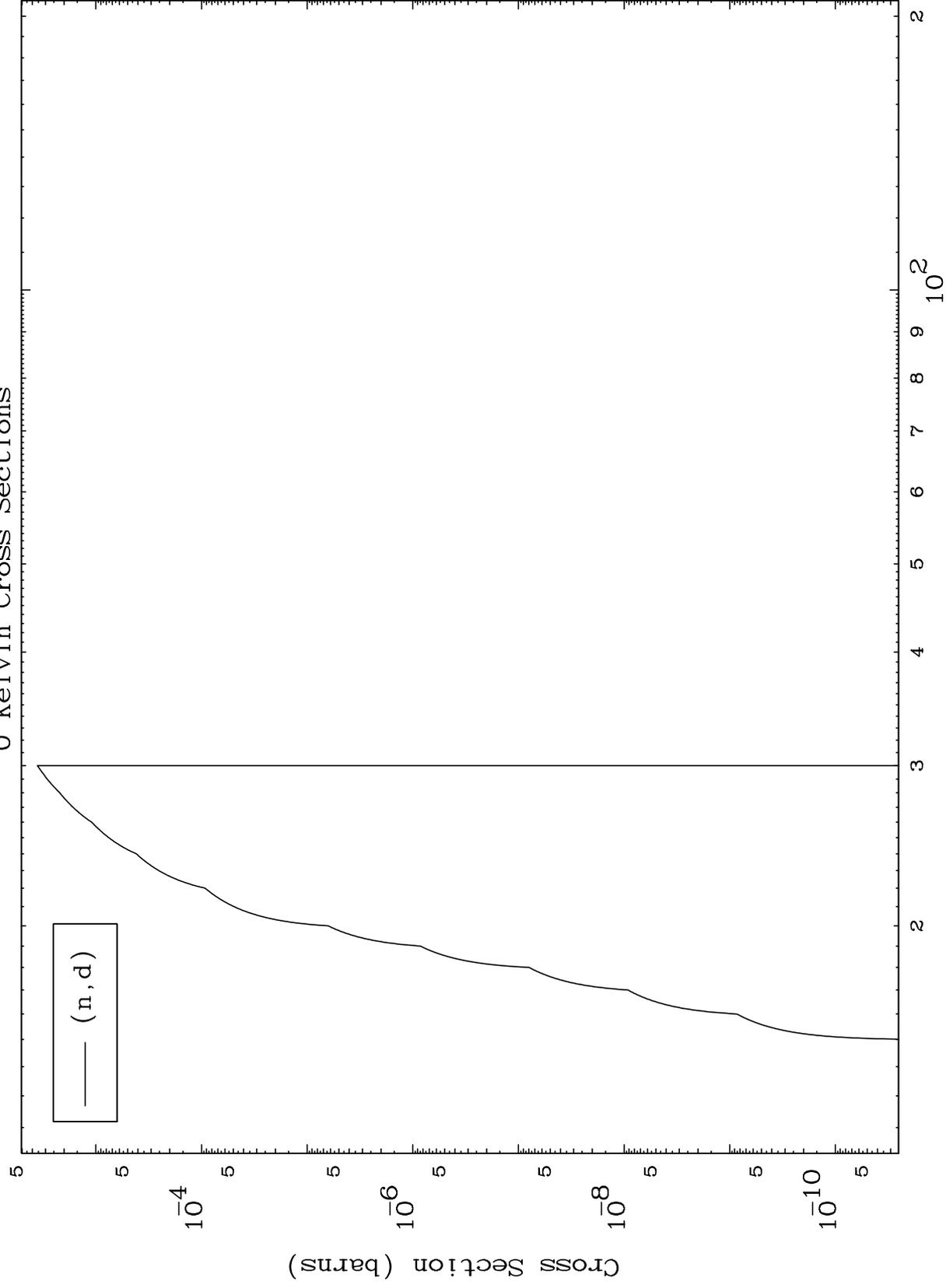
Incident Energy (MeV)

50-Sn-117m

MAT 5041

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-117m



7

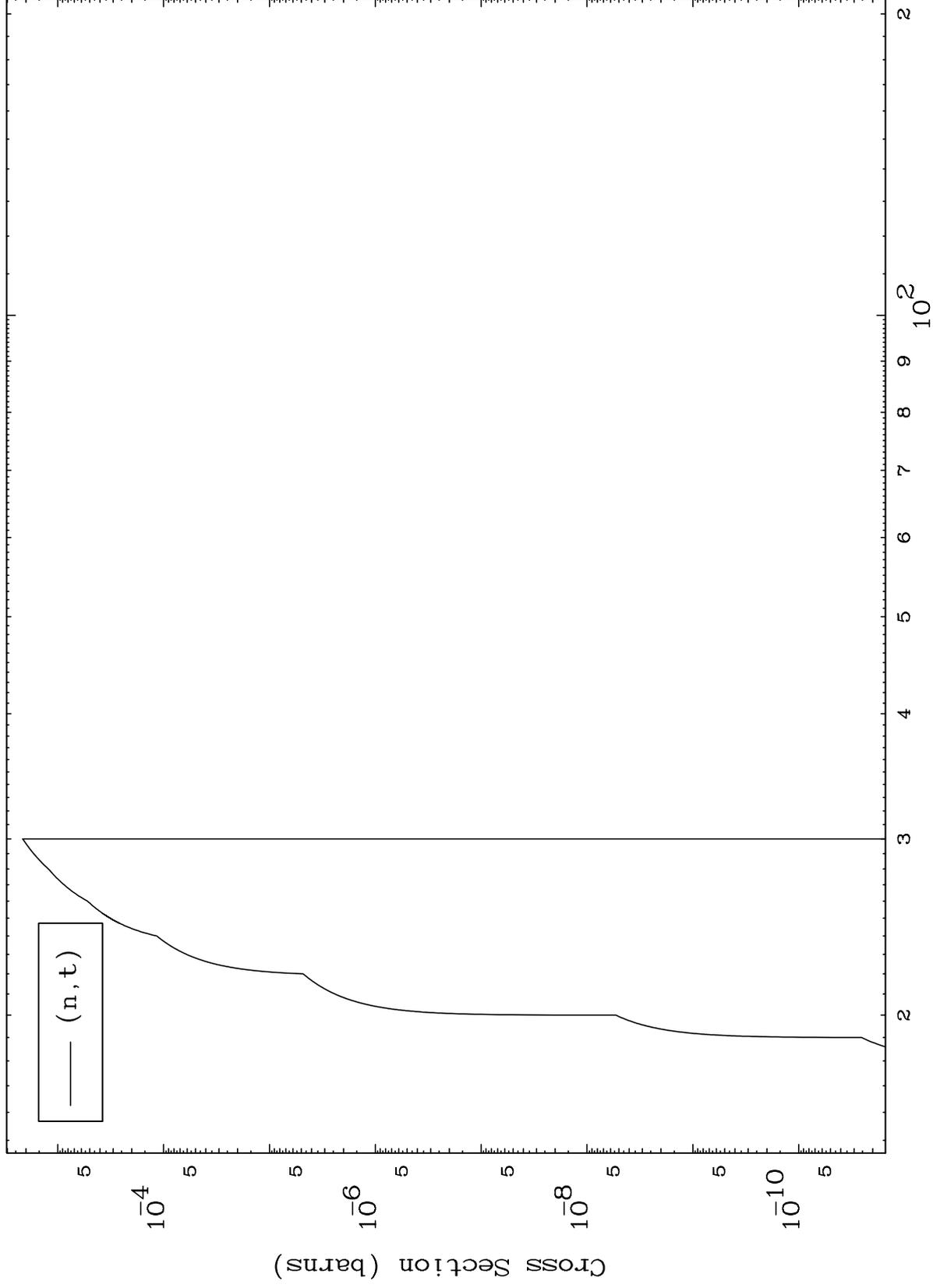
Incident Energy (MeV)

50-Sn-117m

MAT 5041

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-117m



8

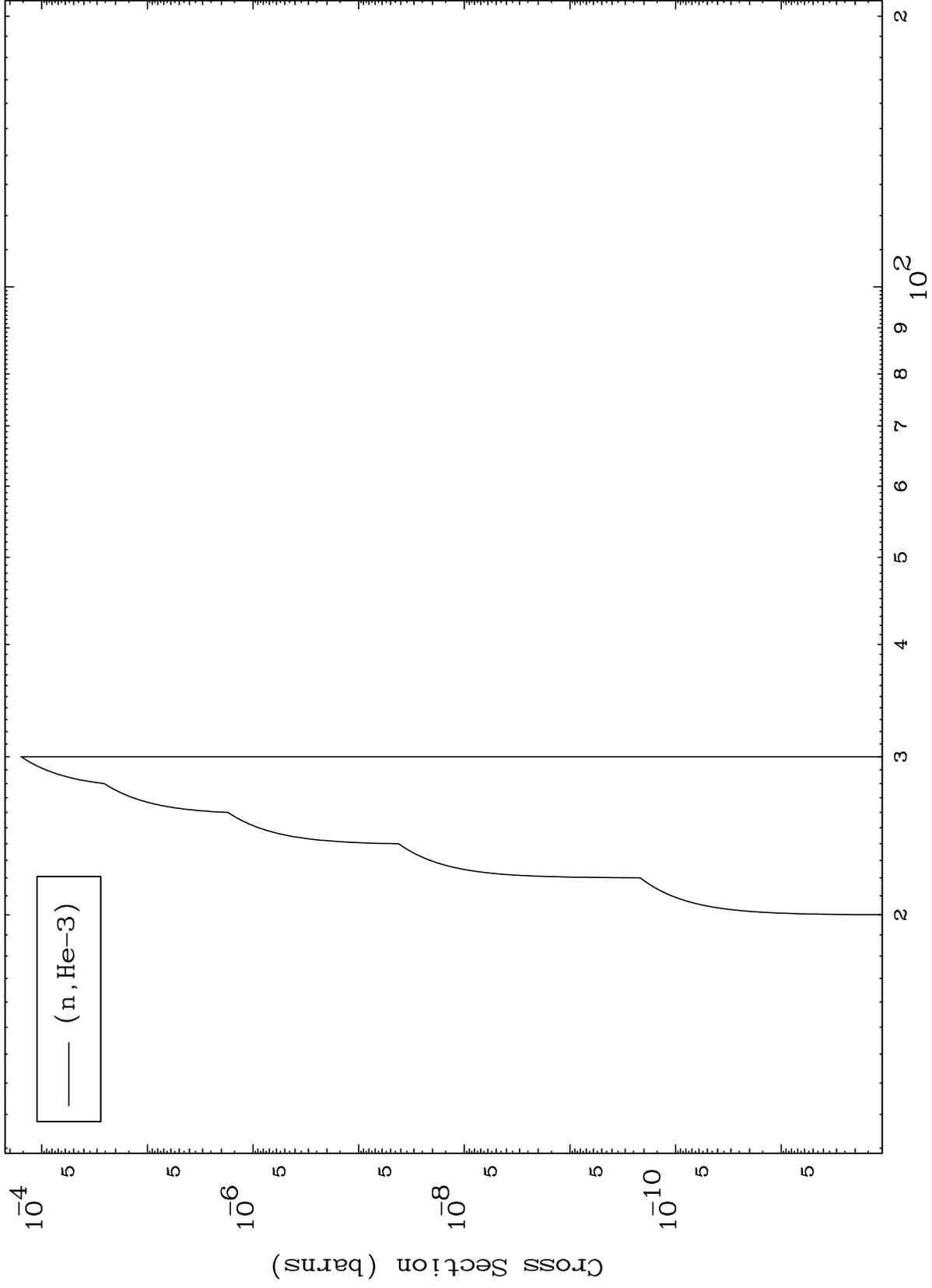
Incident Energy (MeV)

50-Sn-117m

MAT 5041

(α , He3) Levels
0 Kelvin Cross Sections

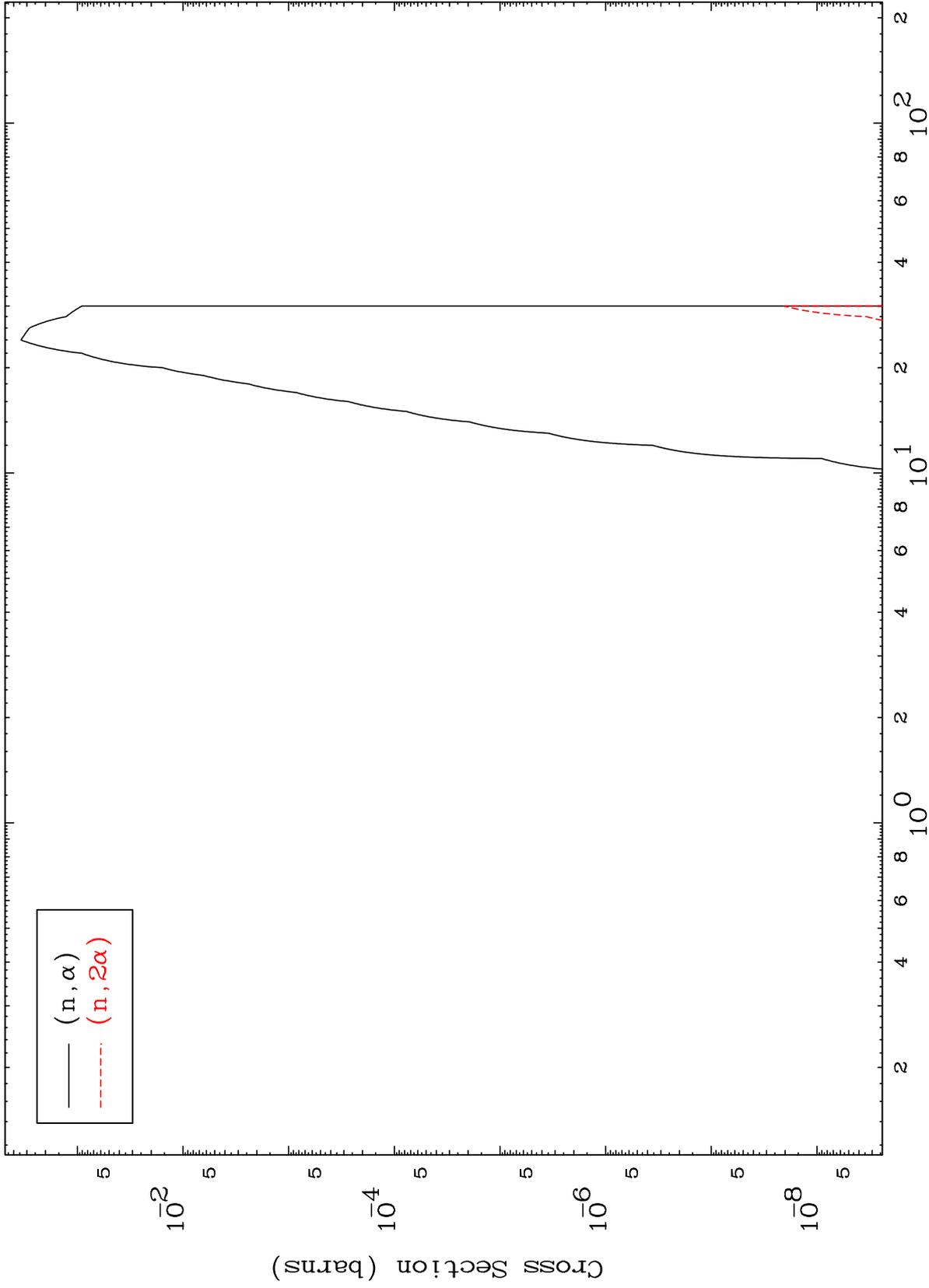
50-Sn-117m



MAT 5041

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-117m



10

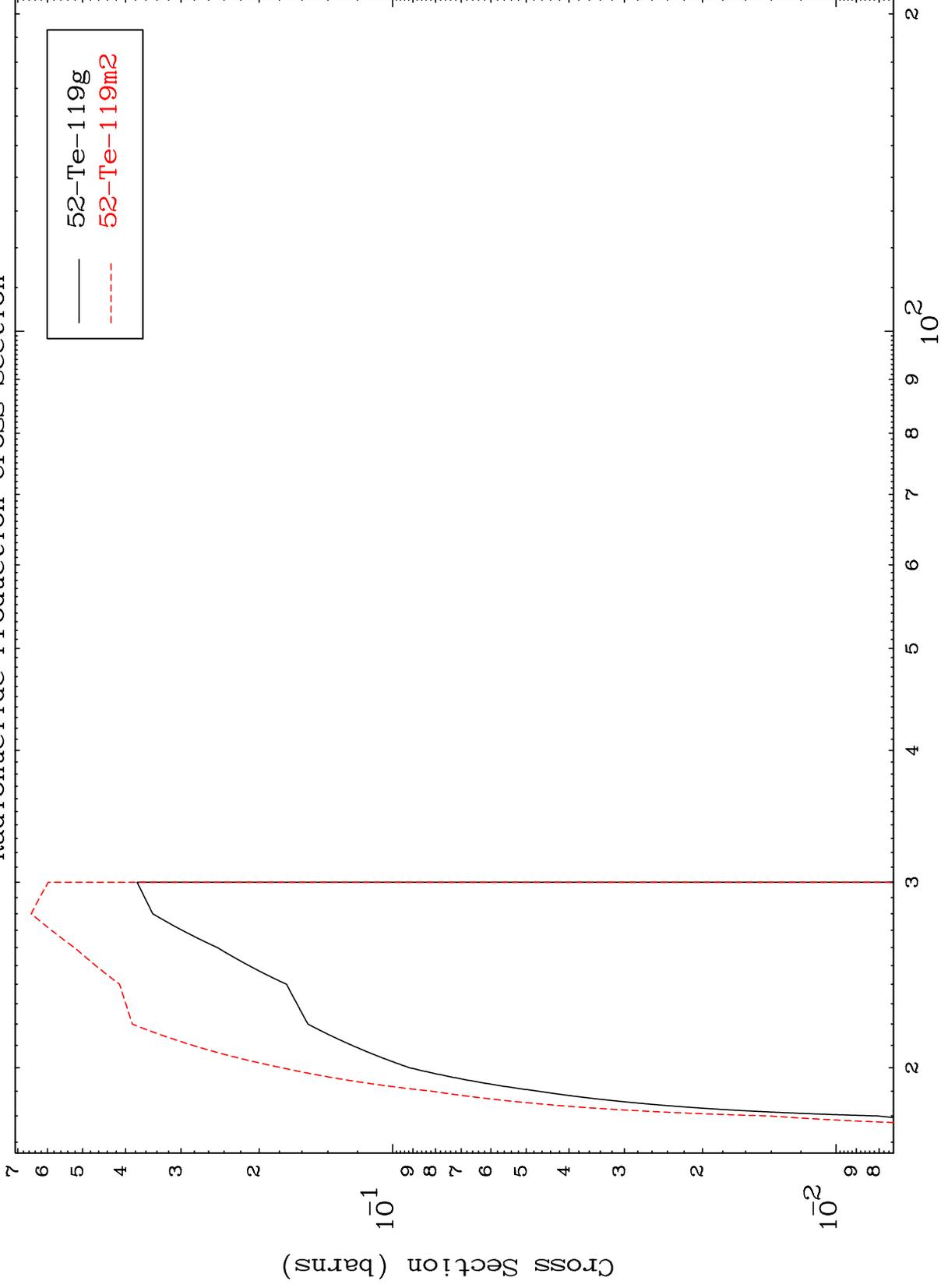
Incident Energy (MeV)

50-Sn-117m

MAT 5041

50-Sn-117m

(n,2n)
Radionuclide Production Cross Section



50-Sn-117m

Incident Energy (MeV)

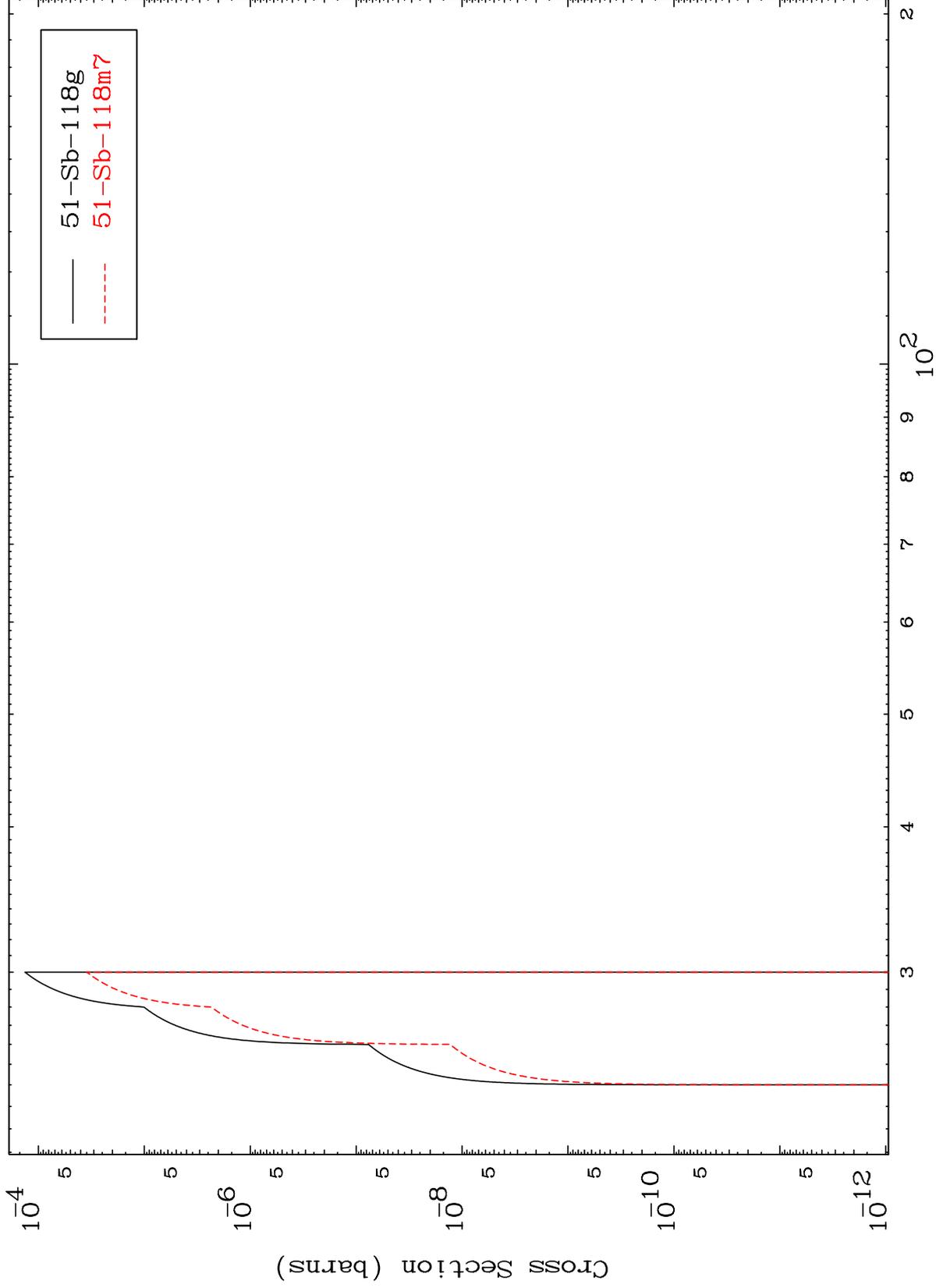
11

MAT 5041

(n,n') d

50-Sn-117m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

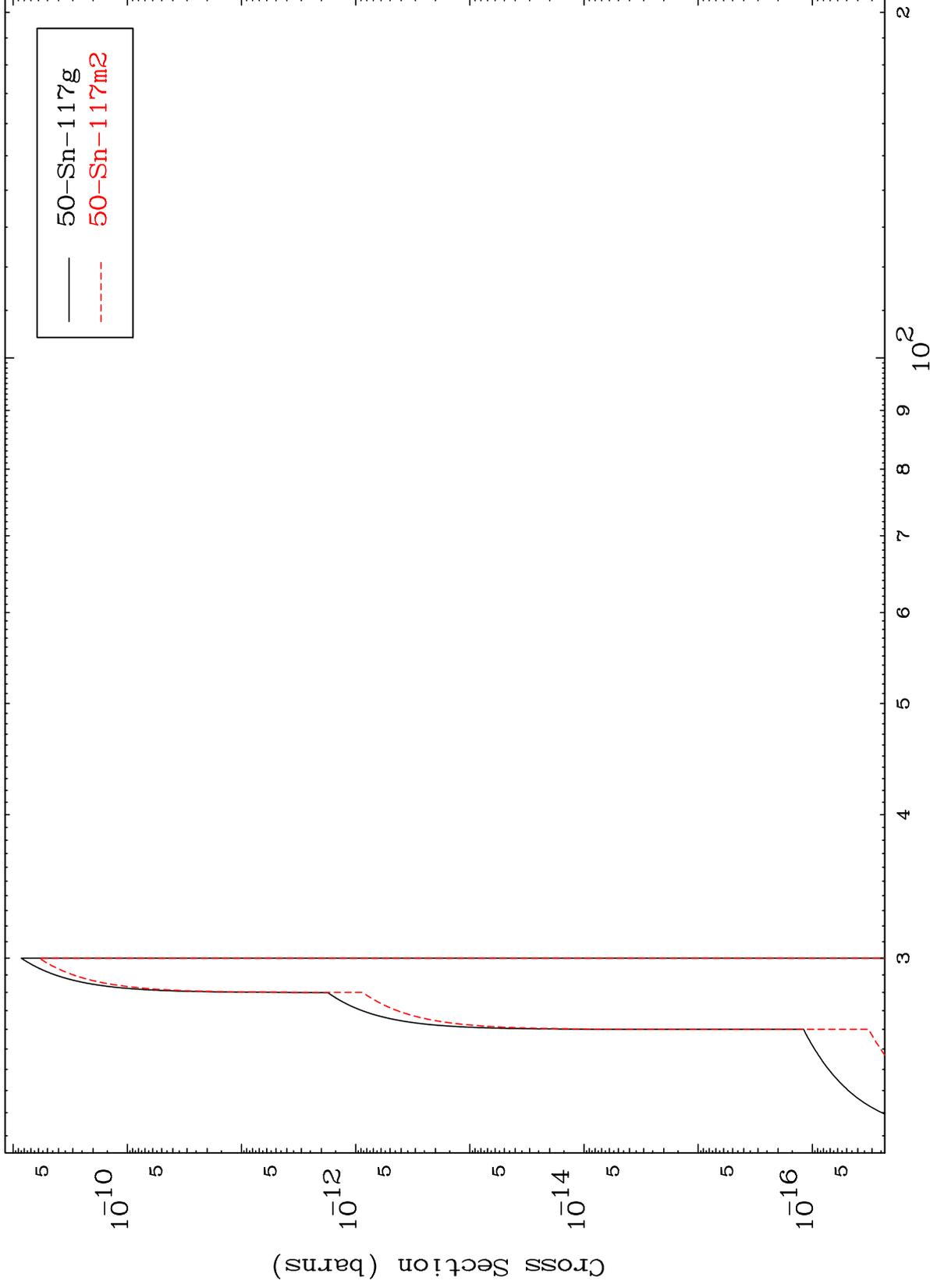
50-Sn-117m

MAT 5041

(n,n') He-3

50-Sn-117m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

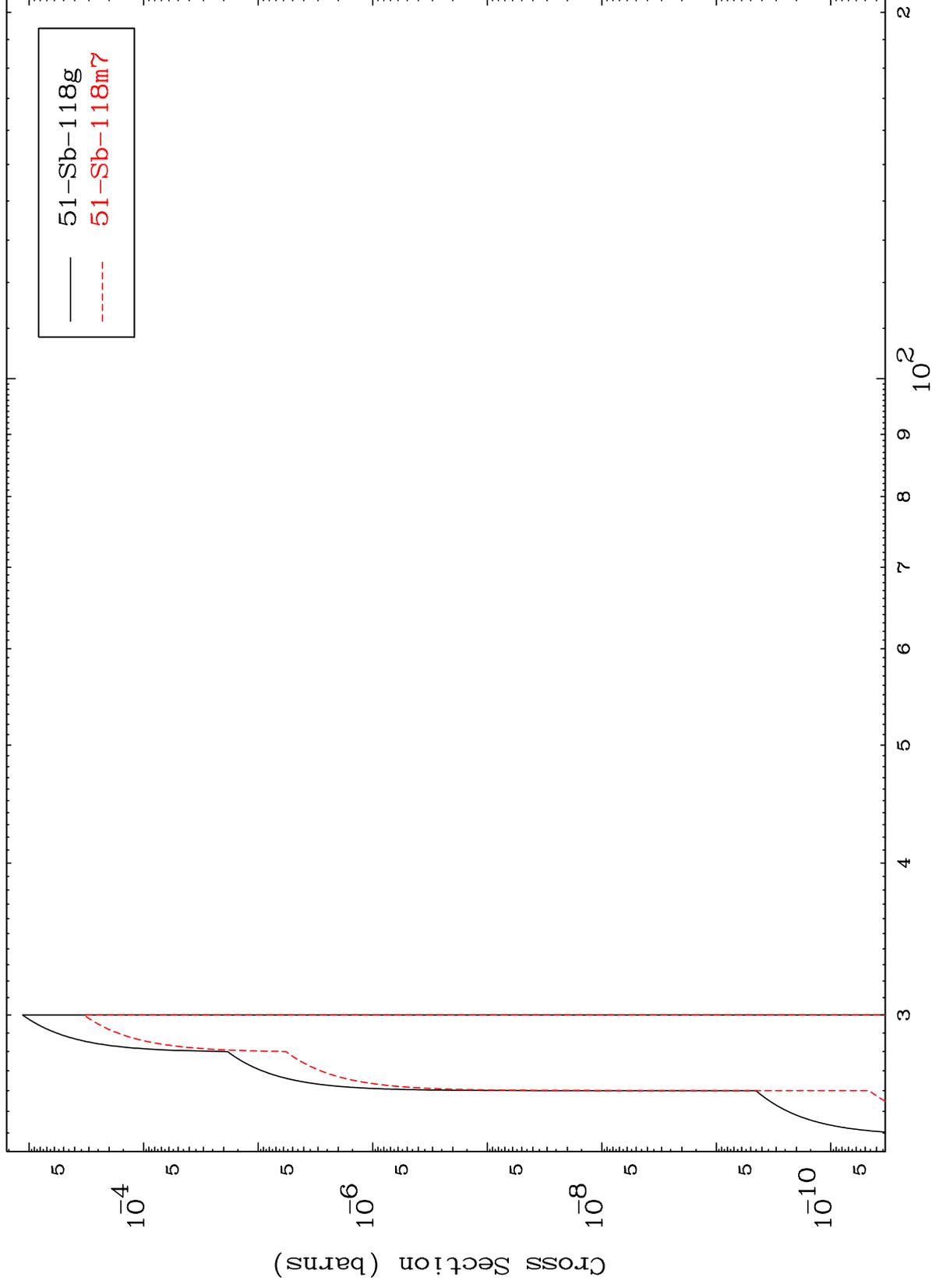
50-Sn-117m

MAT 5041

50-Sn-117m

(n,2n) p

Radionuclide Production Cross Section



50-Sn-117m

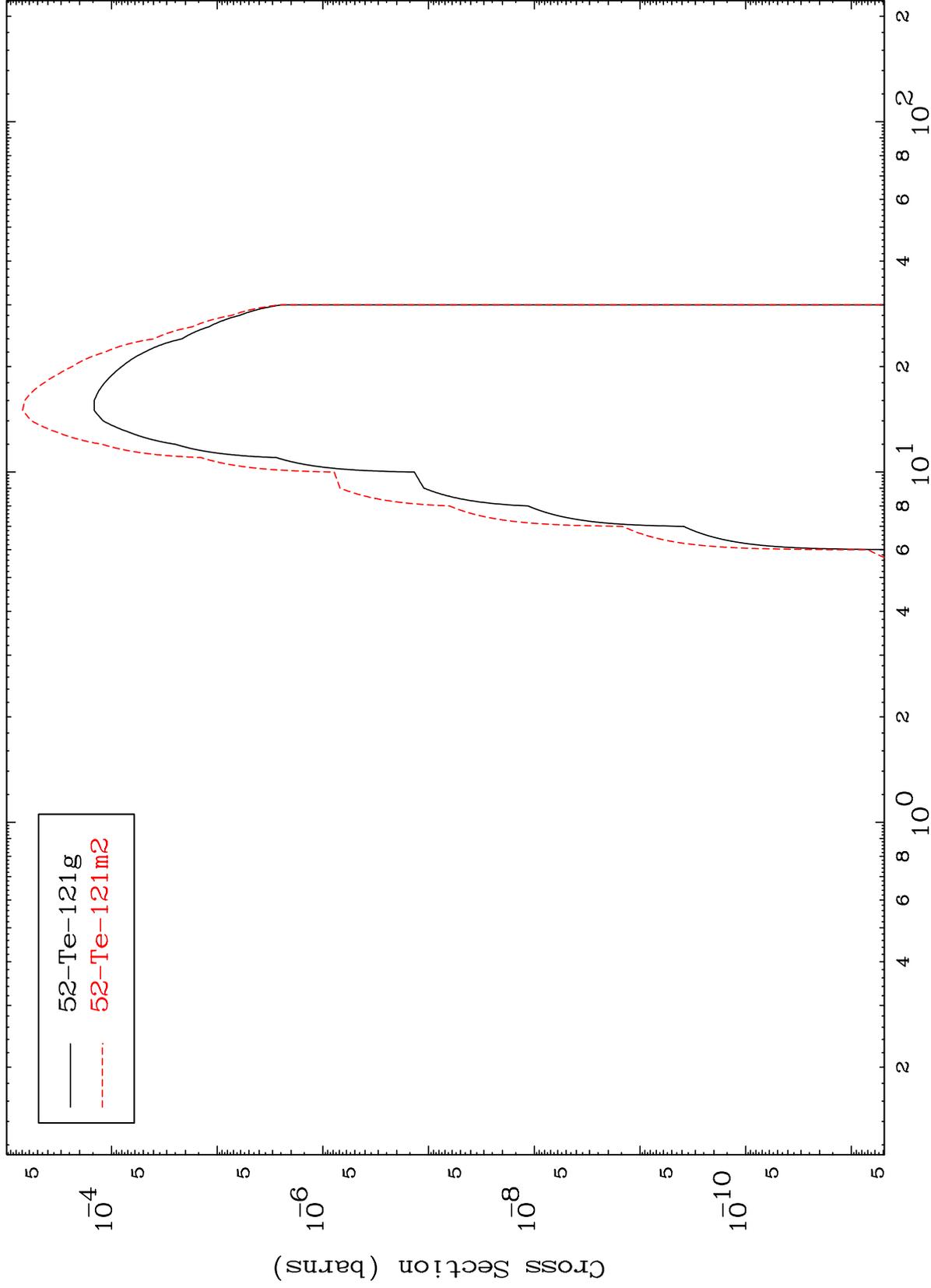
Incident Energy (MeV)

14

MAT 5041

50-Sn-117m

(n,γ)
Radionuclide Production Cross Section



15

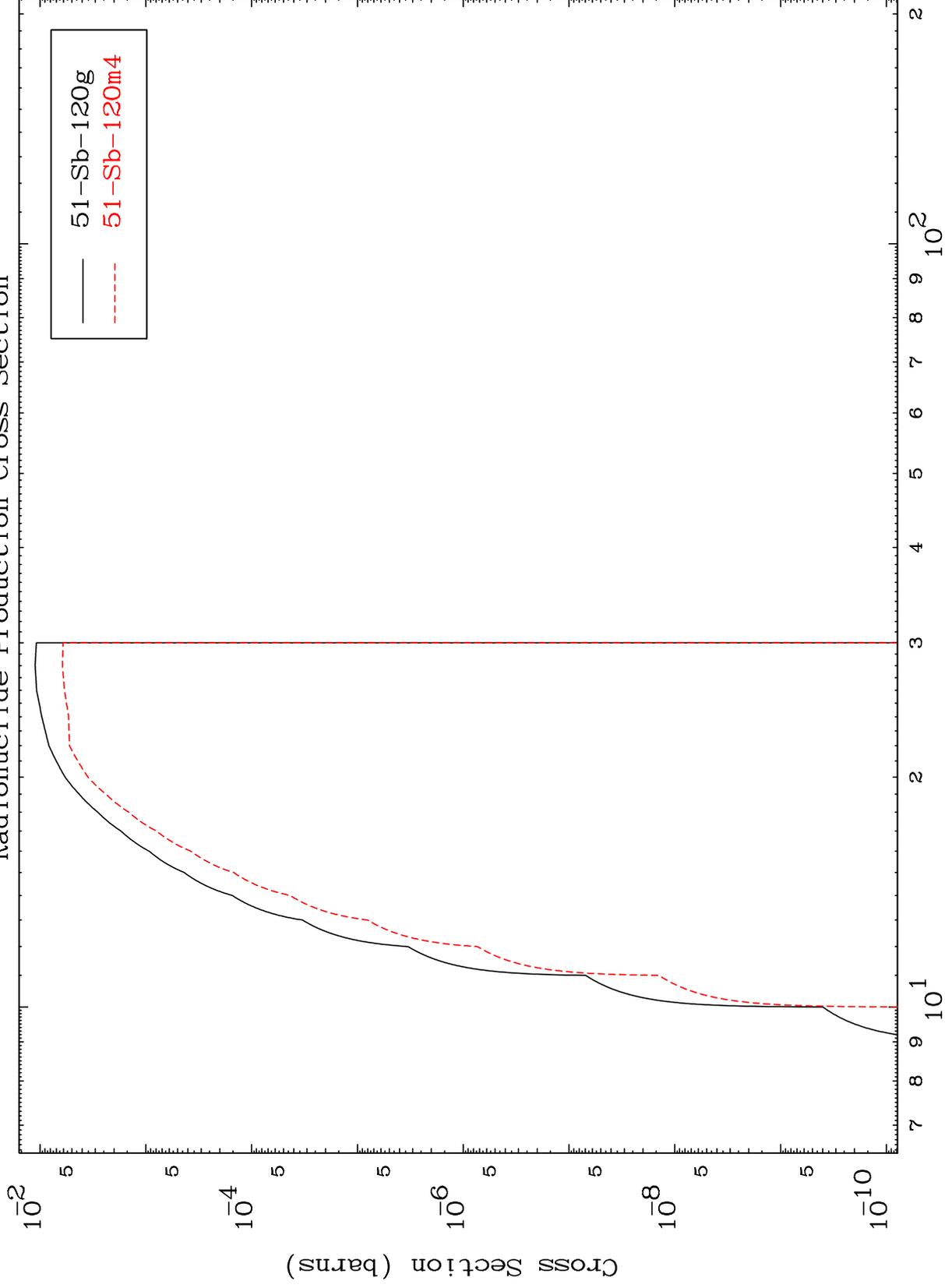
50-Sn-117m

Incident Energy (MeV)

MAT 5041

50-Sn-117m

(n,p)
Radionuclide Production Cross Section



50-Sn-117m

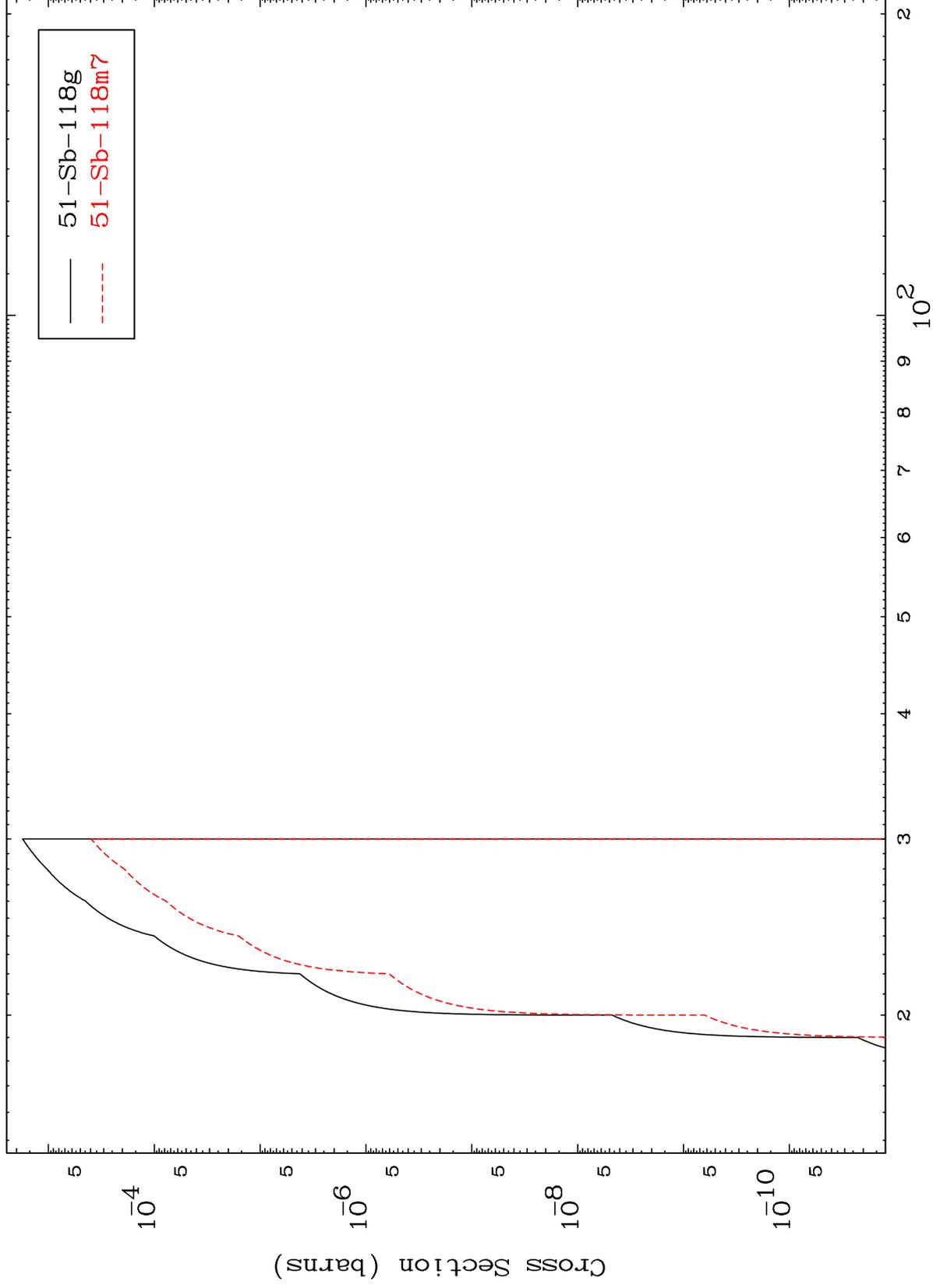
Incident Energy (MeV)

16

MAT 5041

50-Sn-117m

(n,t)
Radionuclide Production Cross Section

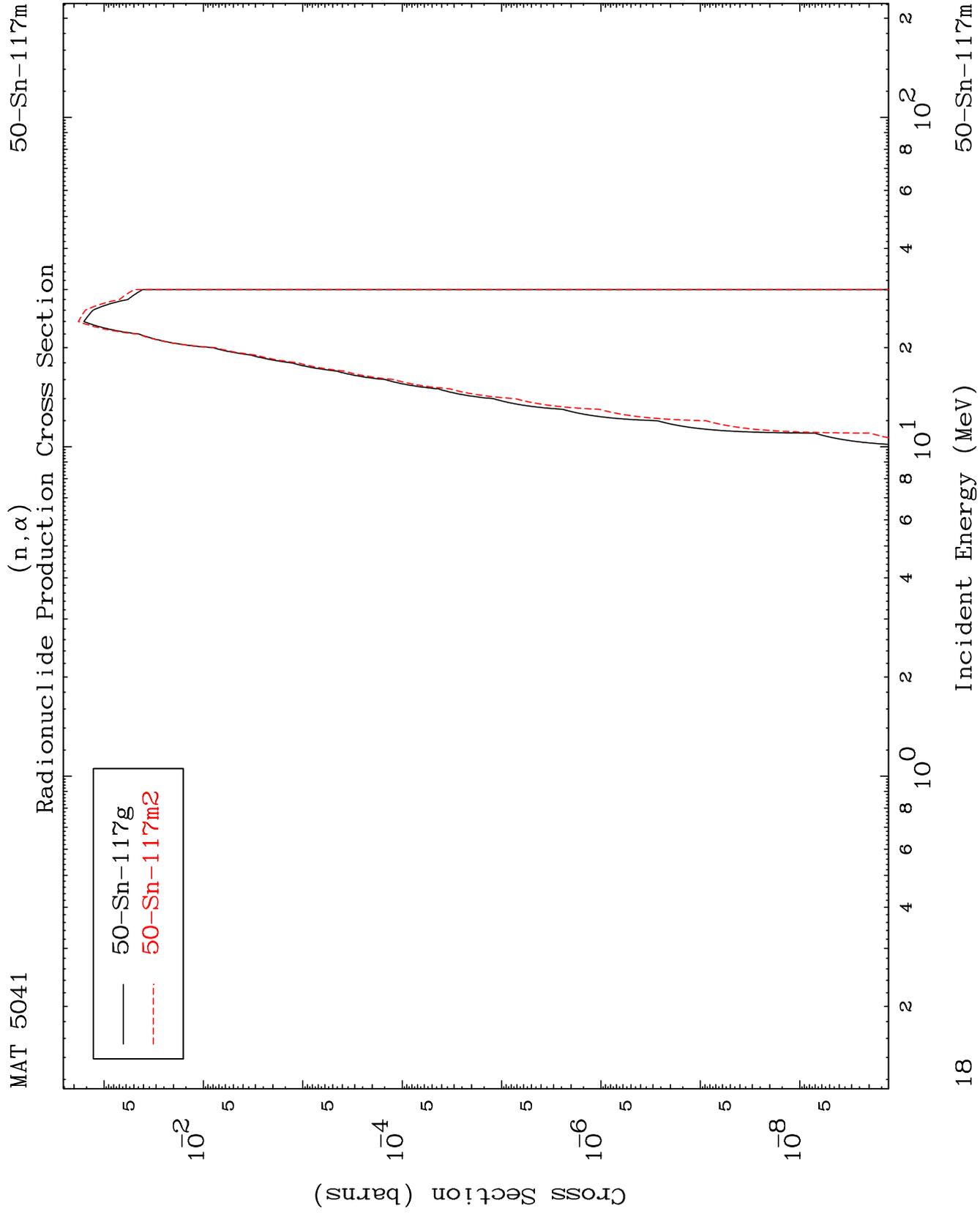


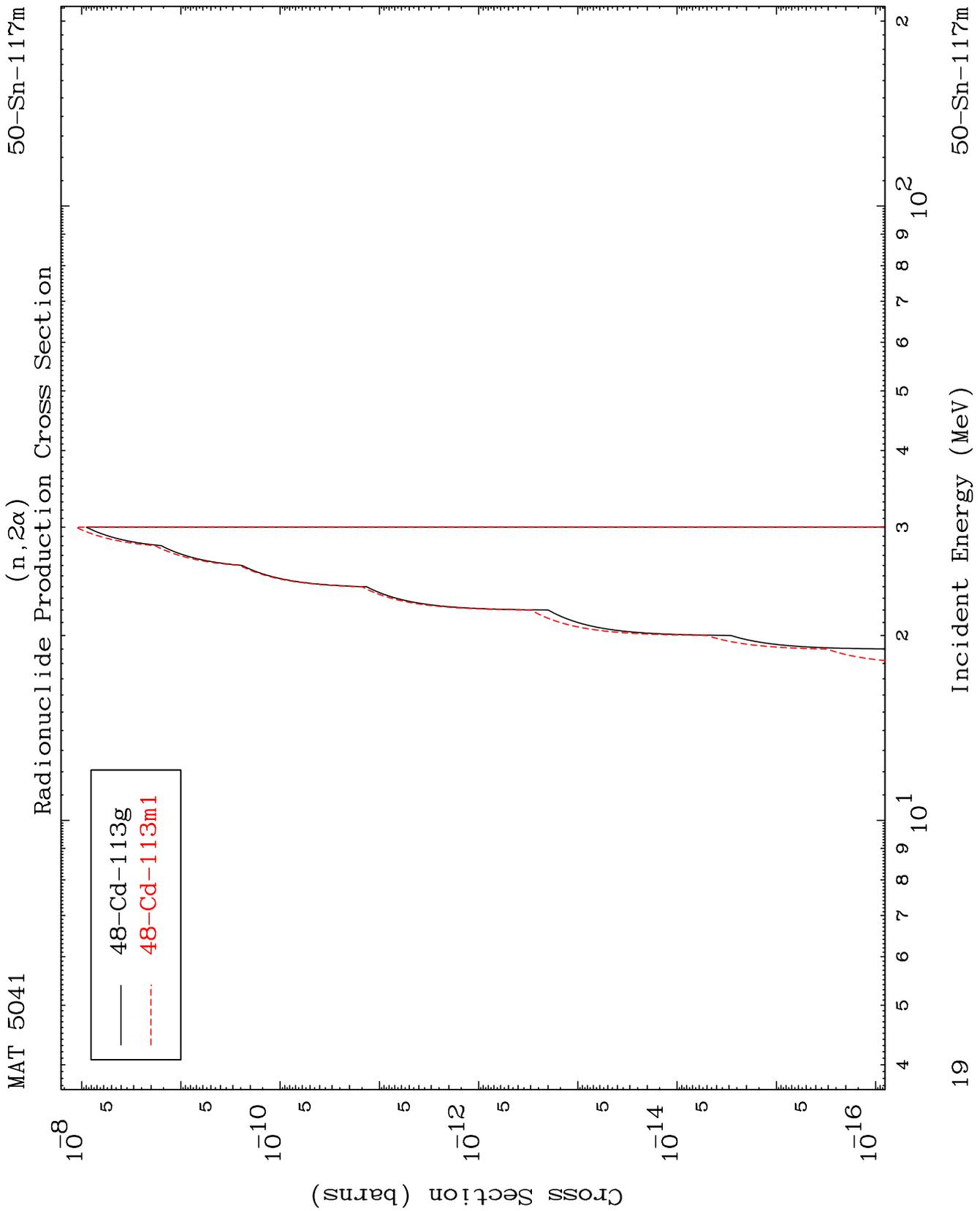
17

Incident Energy (MeV)

50-Sn-117m

MAT 5041

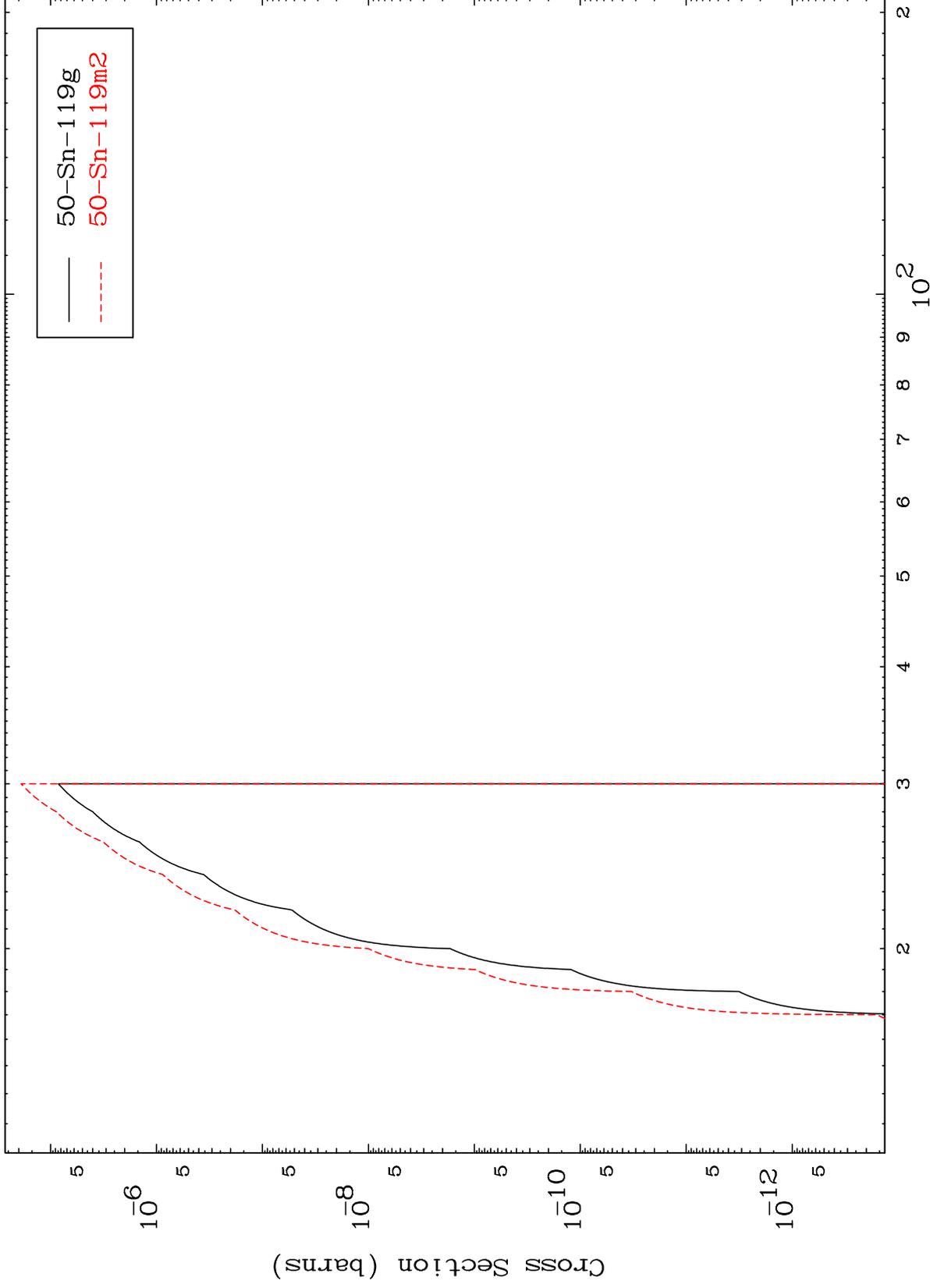




MAT 5041

50-Sn-117m

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

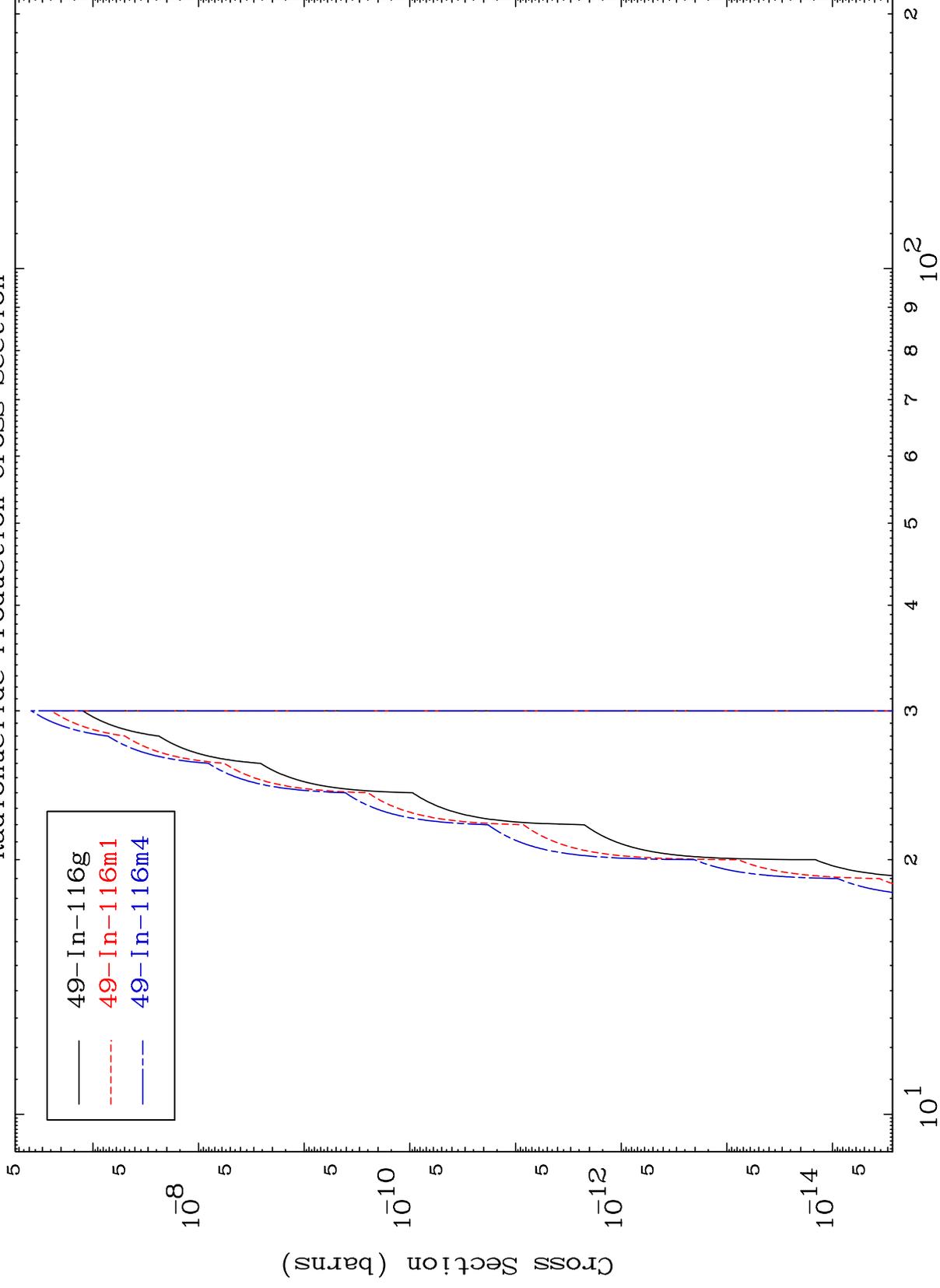
50-Sn-117m

MAT 5041

50-Sn-117m

(n,p) α

Radionuclide Production Cross Section



50-Sn-117m

Incident Energy (MeV)

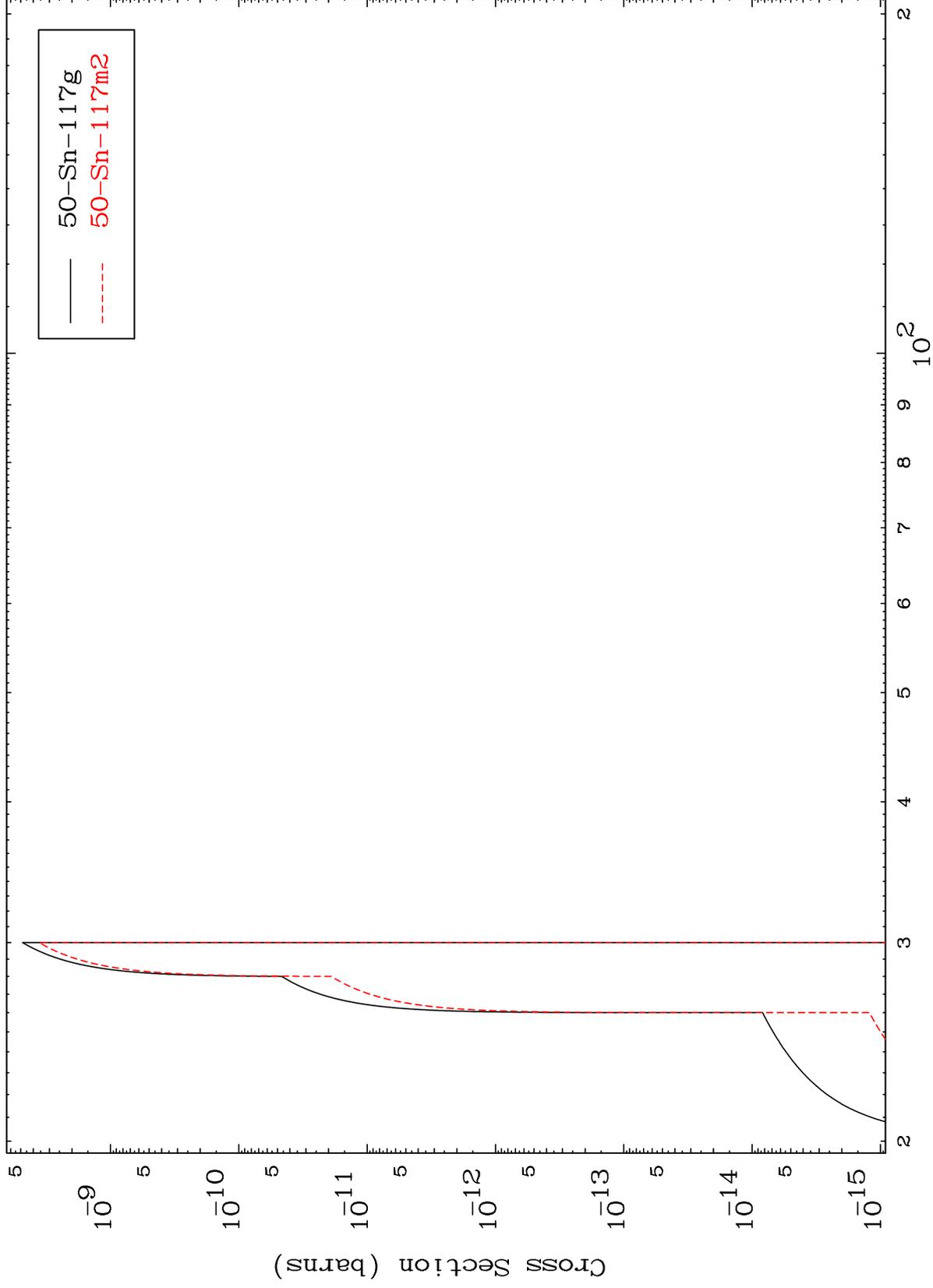
21

MAT 5041

(n,p) t

50-Sn-117m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

50-Sn-117m