

Program EVALPLOT
(Version 2018-1)

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

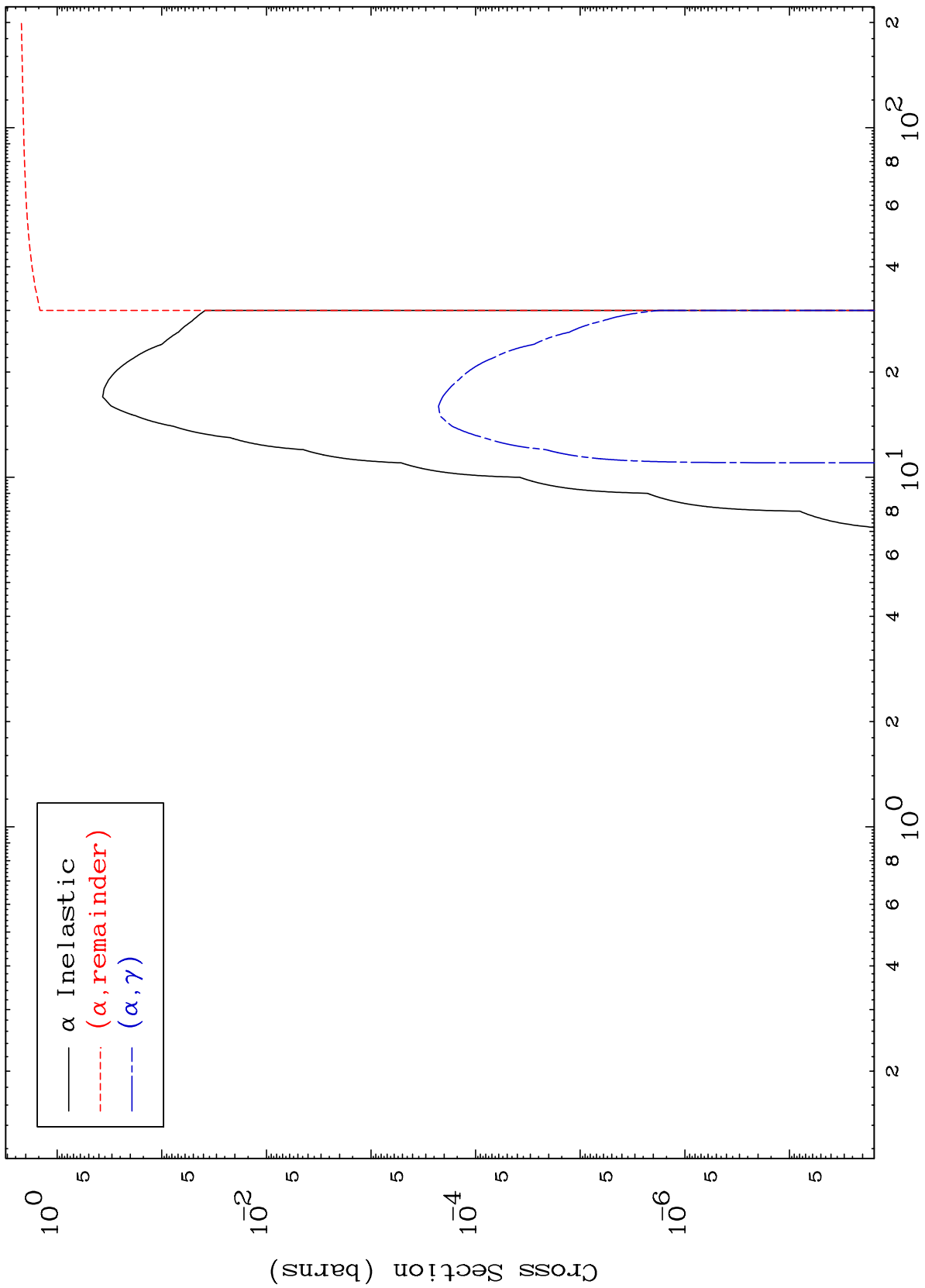
Press Mouse Button to Start

MAT 5047

α Major

50-Sn-119

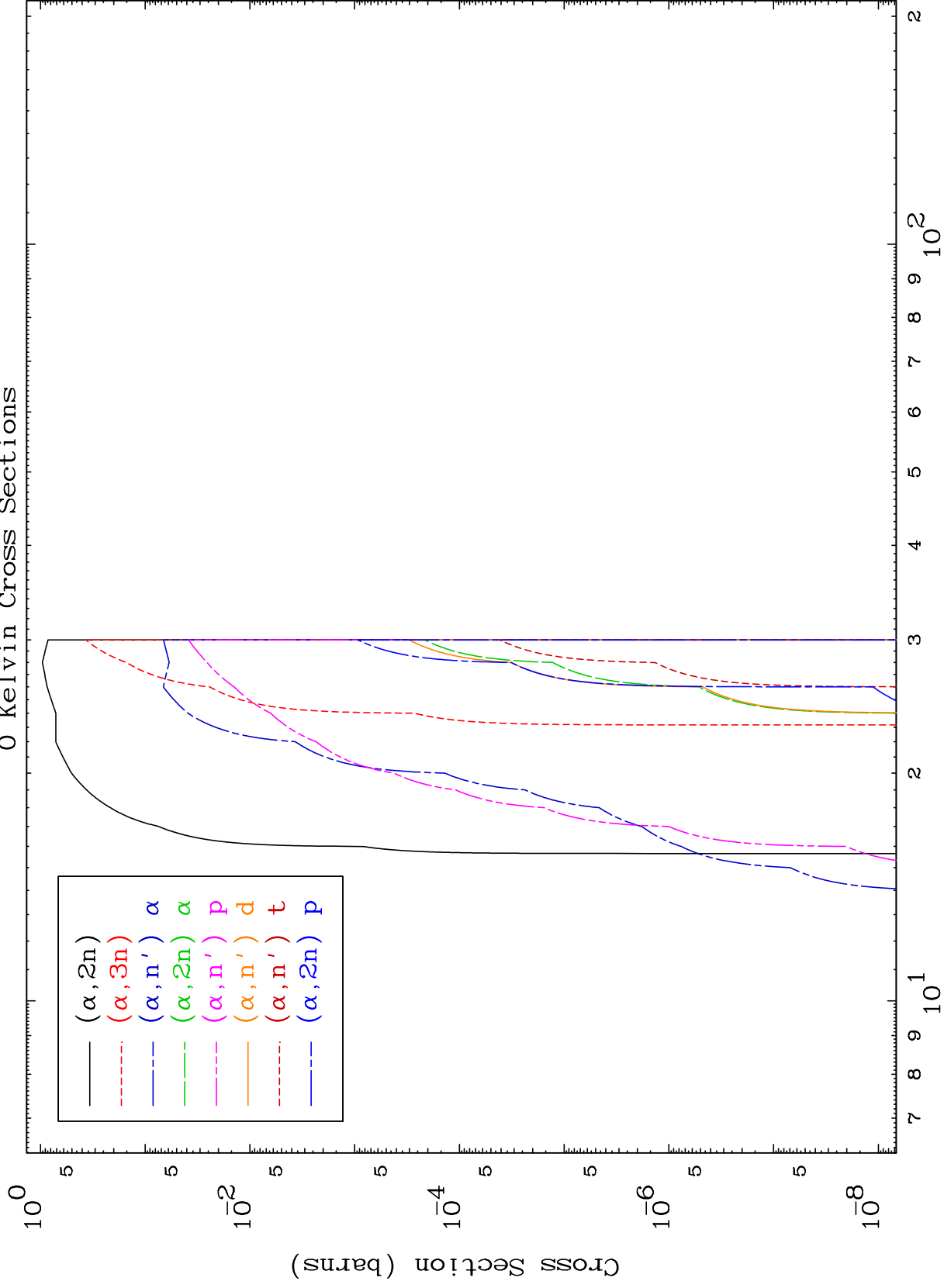
0 Kelvin Cross Sections



MAT 5047

α Neutron Production
0 Kelvin Cross Sections

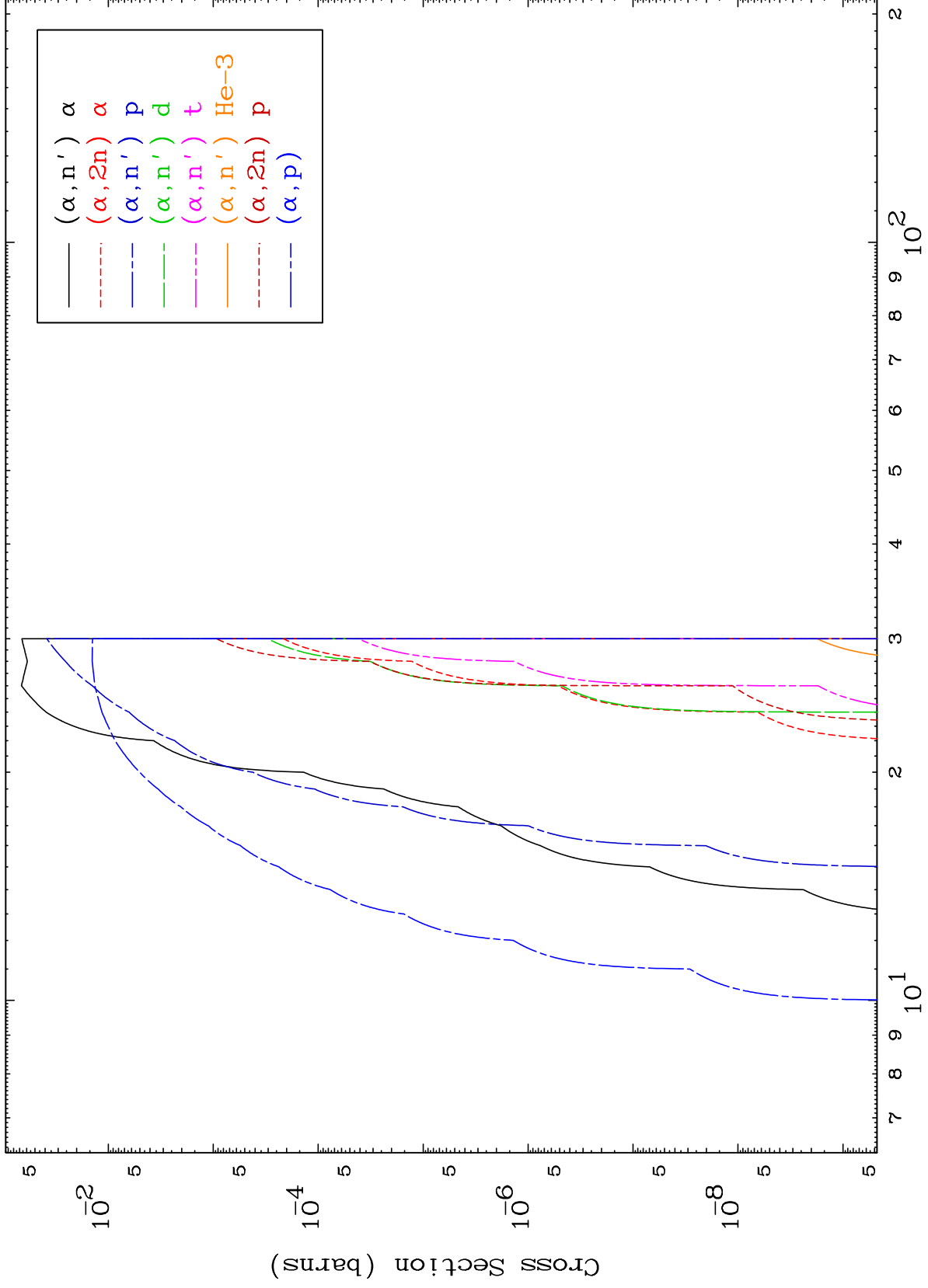
50-Sn-119



2

Incident Energy (MeV)

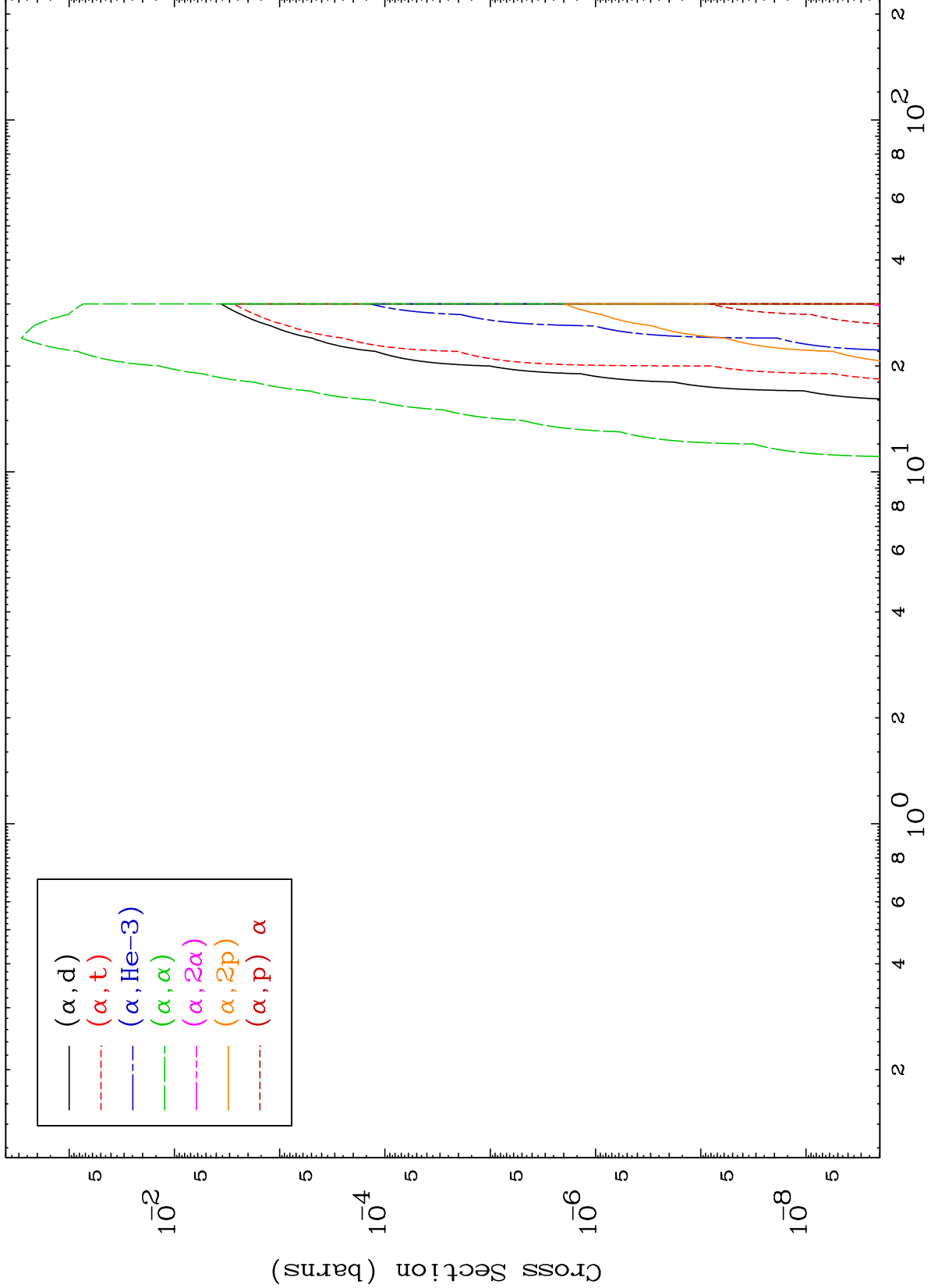
50-Sn-119



MAT 5047

α Charged Particle
0 Kelvin Cross Sections

50-Sn-119

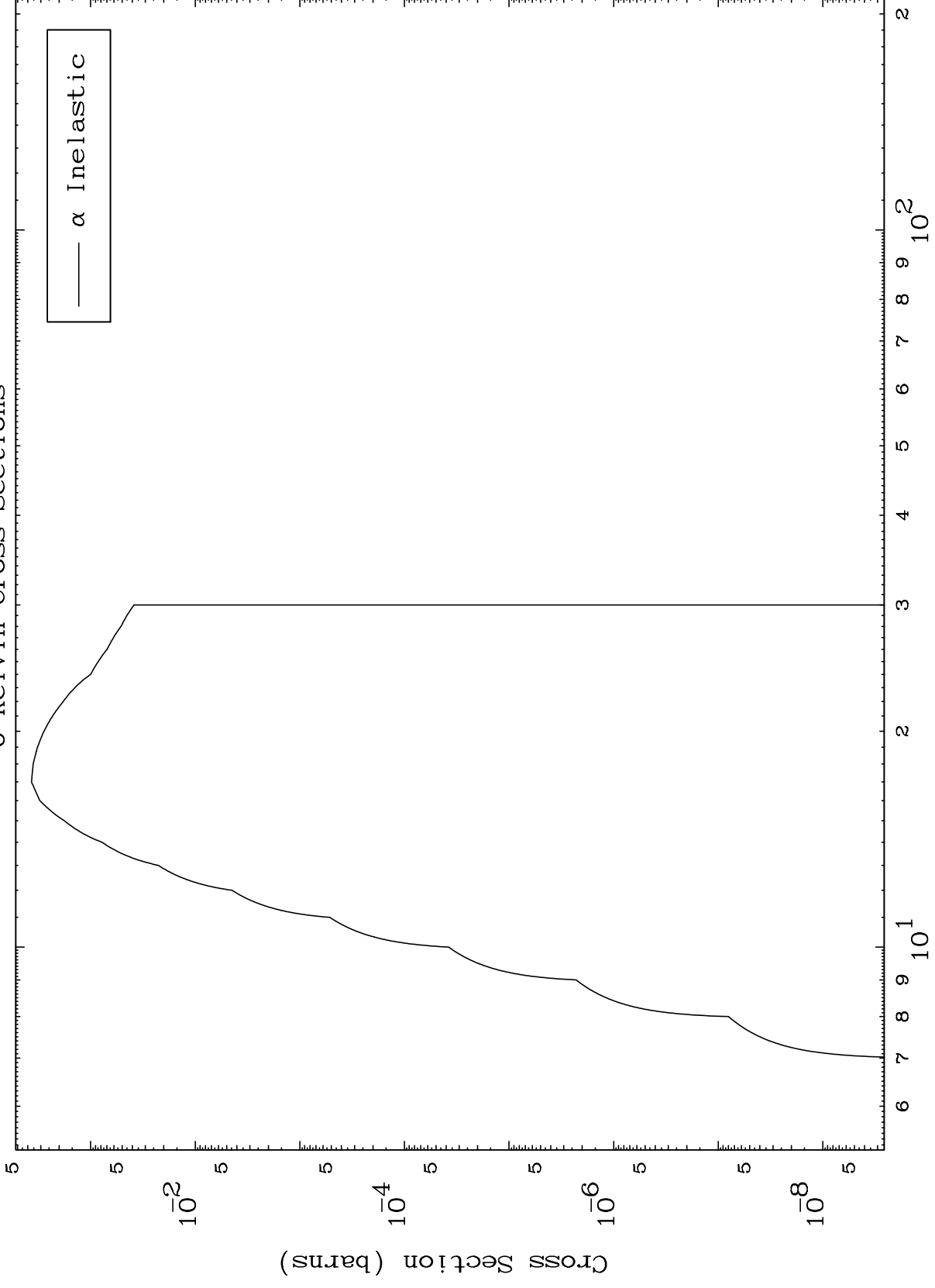


MAT 5047

(α, n') Level

50-Sn-119

0 Kelvin Cross Sections



5

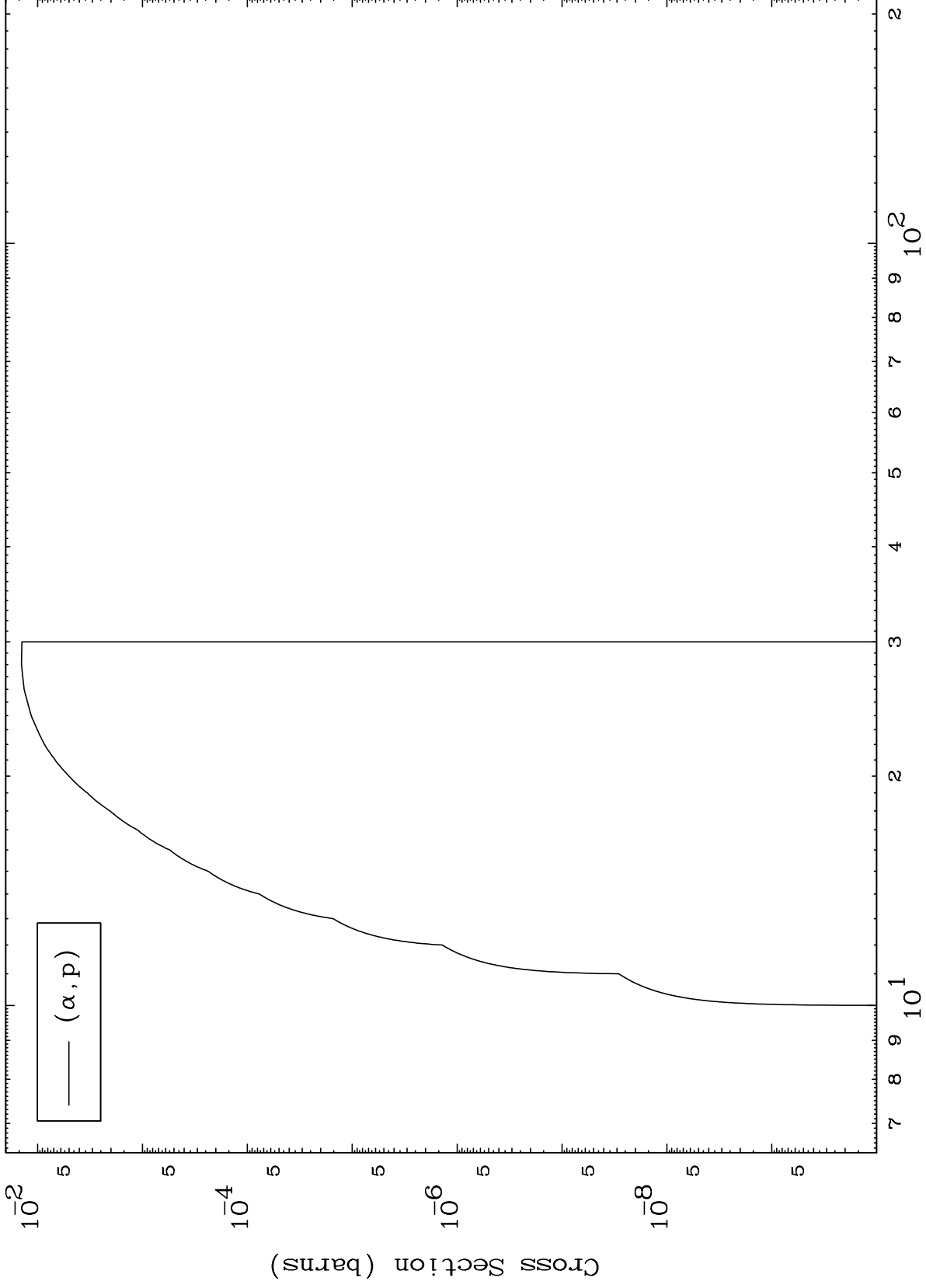
Incident Energy (MeV)

50-Sn-119

MAT 5047

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-119



6

Incident Energy (MeV)

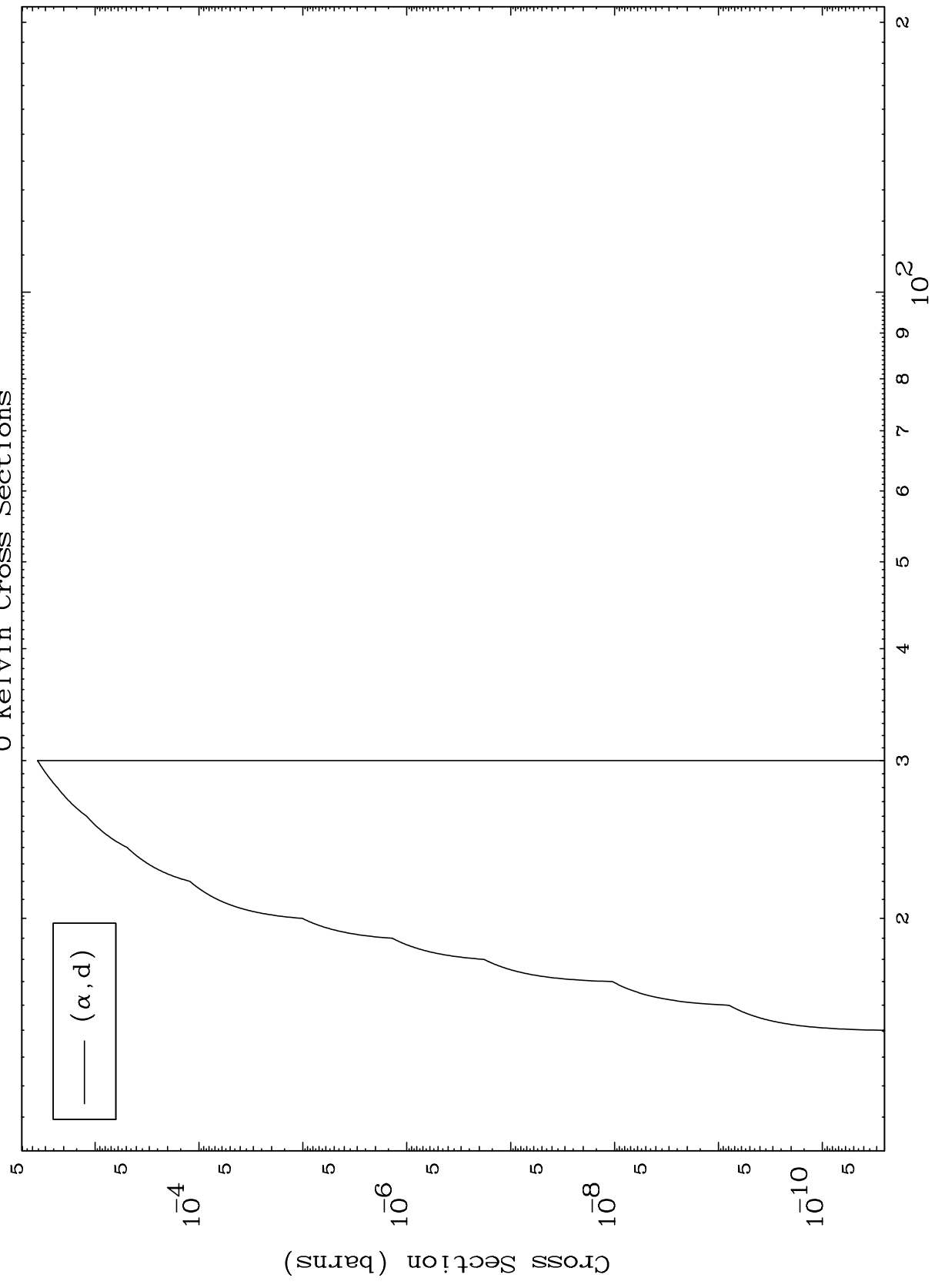
50-Sn-119

MAT 5047

(α, d) Levels

50-Sn-119

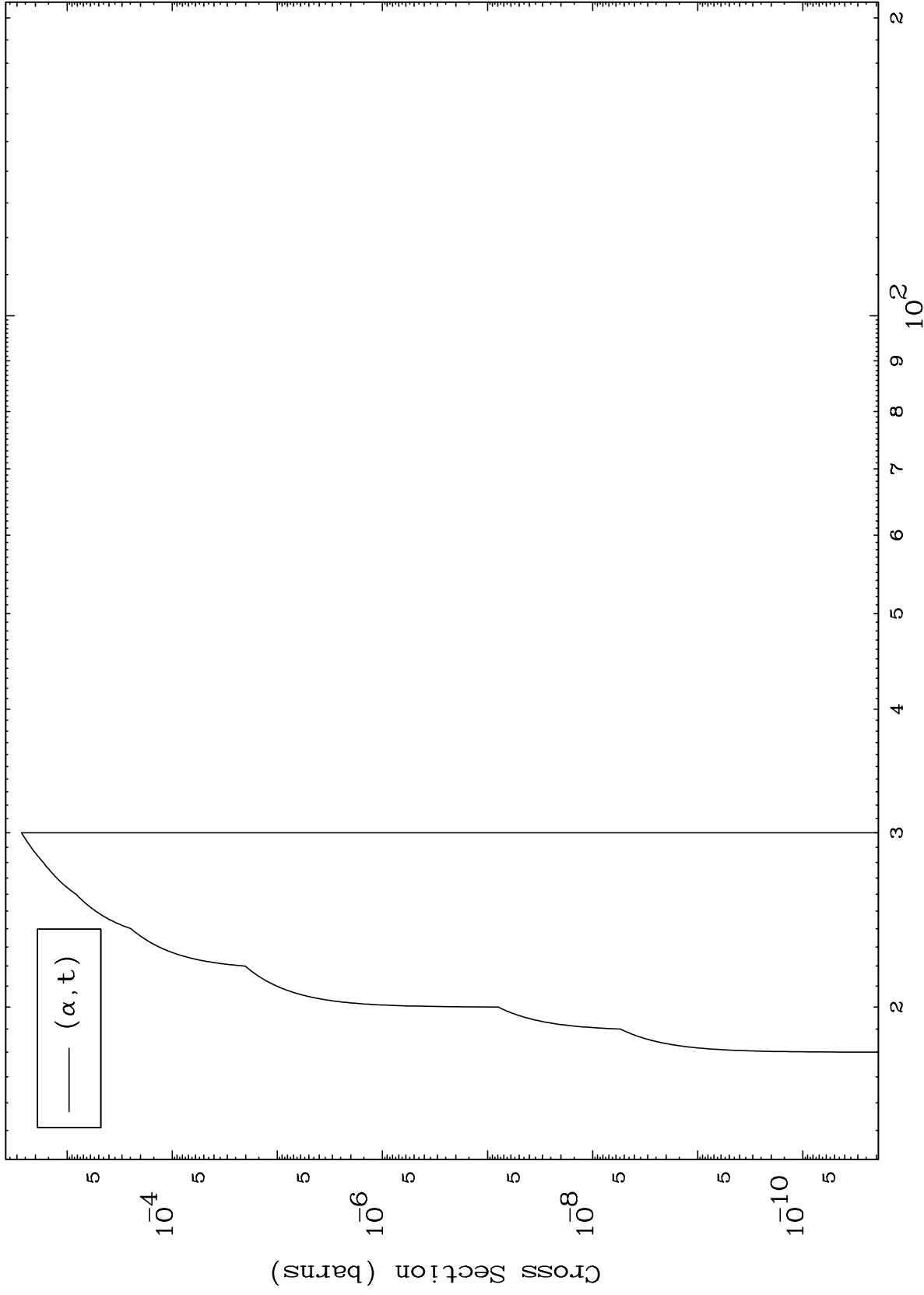
0 Kelvin Cross Sections



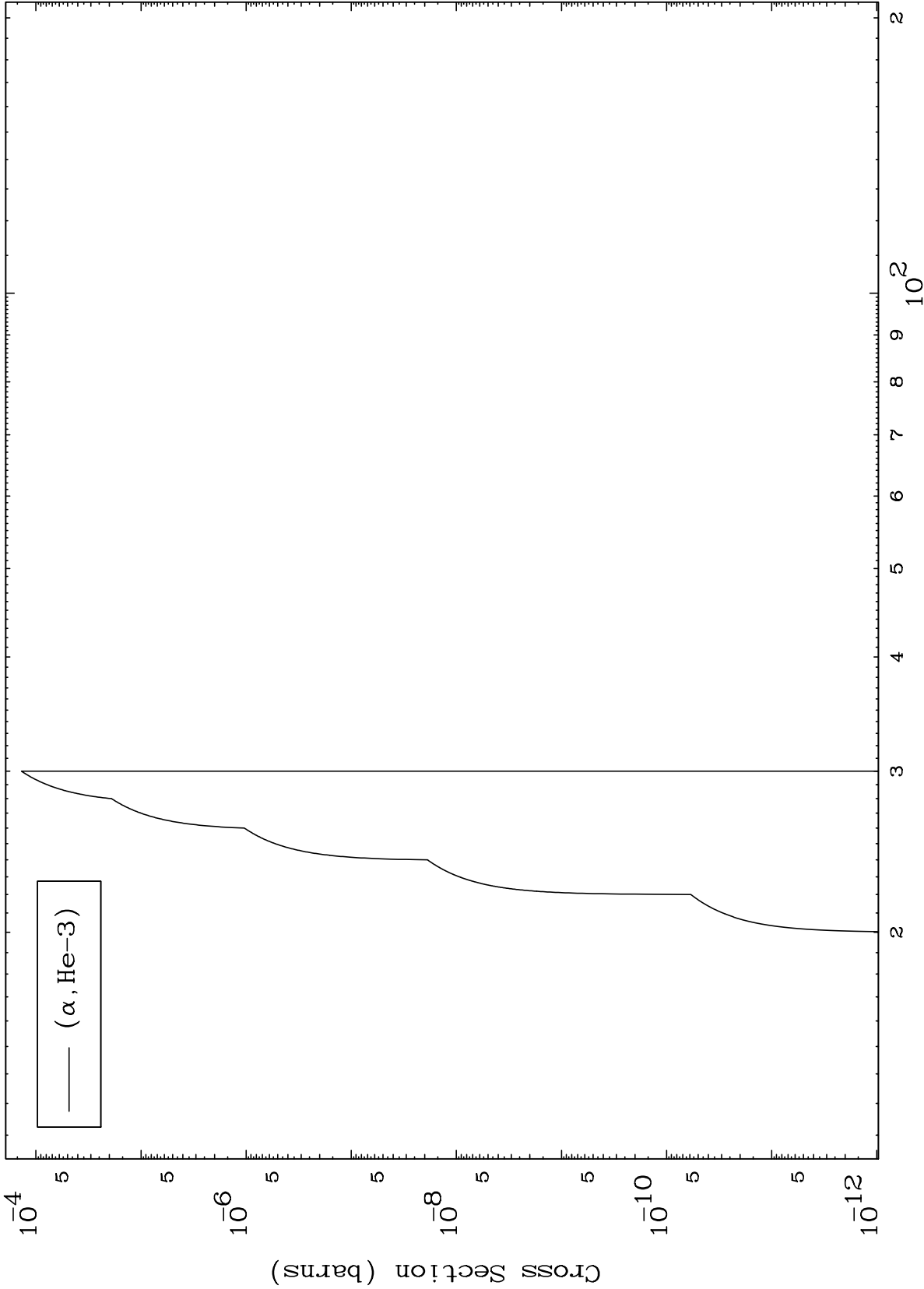
7

Incident Energy (MeV)

50-Sn-119



(α ,He3) Levels
0 Kelvin Cross Sections

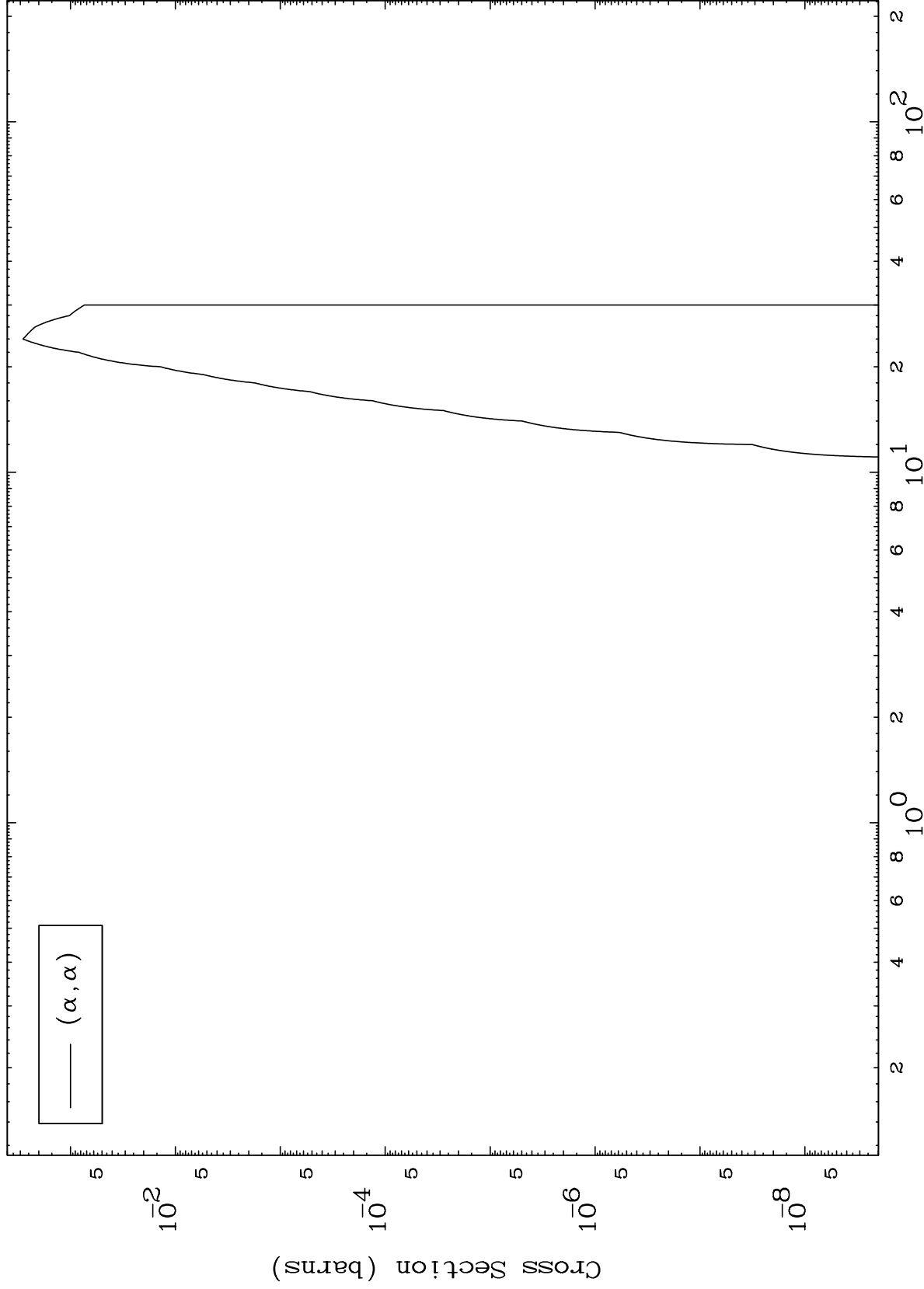


MAT 5047

(α, α) Levels

50-Sn-119

0 Kelvin Cross Sections



10

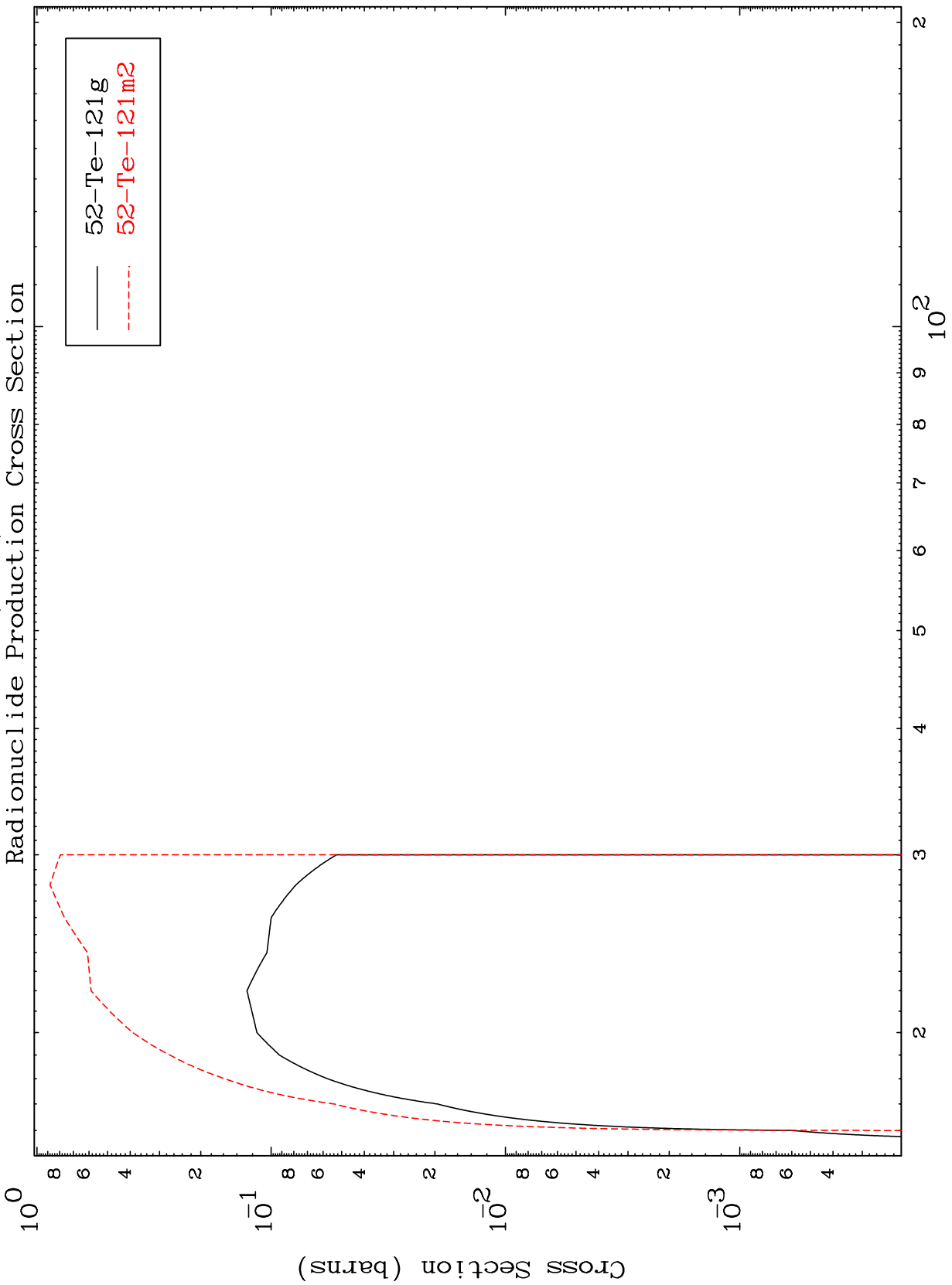
Incident Energy (MeV)

50-Sn-119

MAT 5047

50-Sn-119

$(\alpha, 2n)$
Radionuclide Production Cross Section

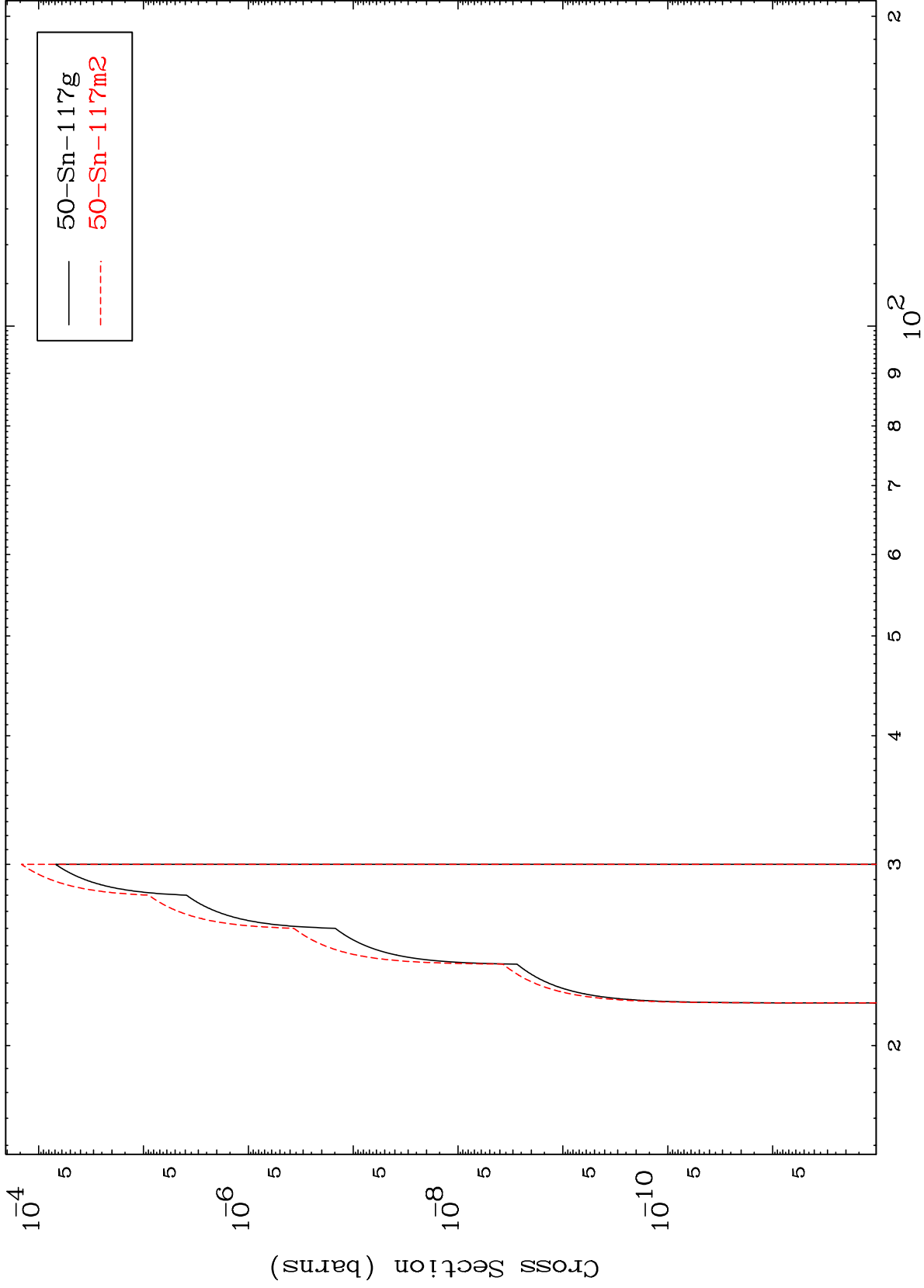


MAT 5047

$(\alpha, 2n)$ α

50-Sn-119

Radionuclide Production Cross Section

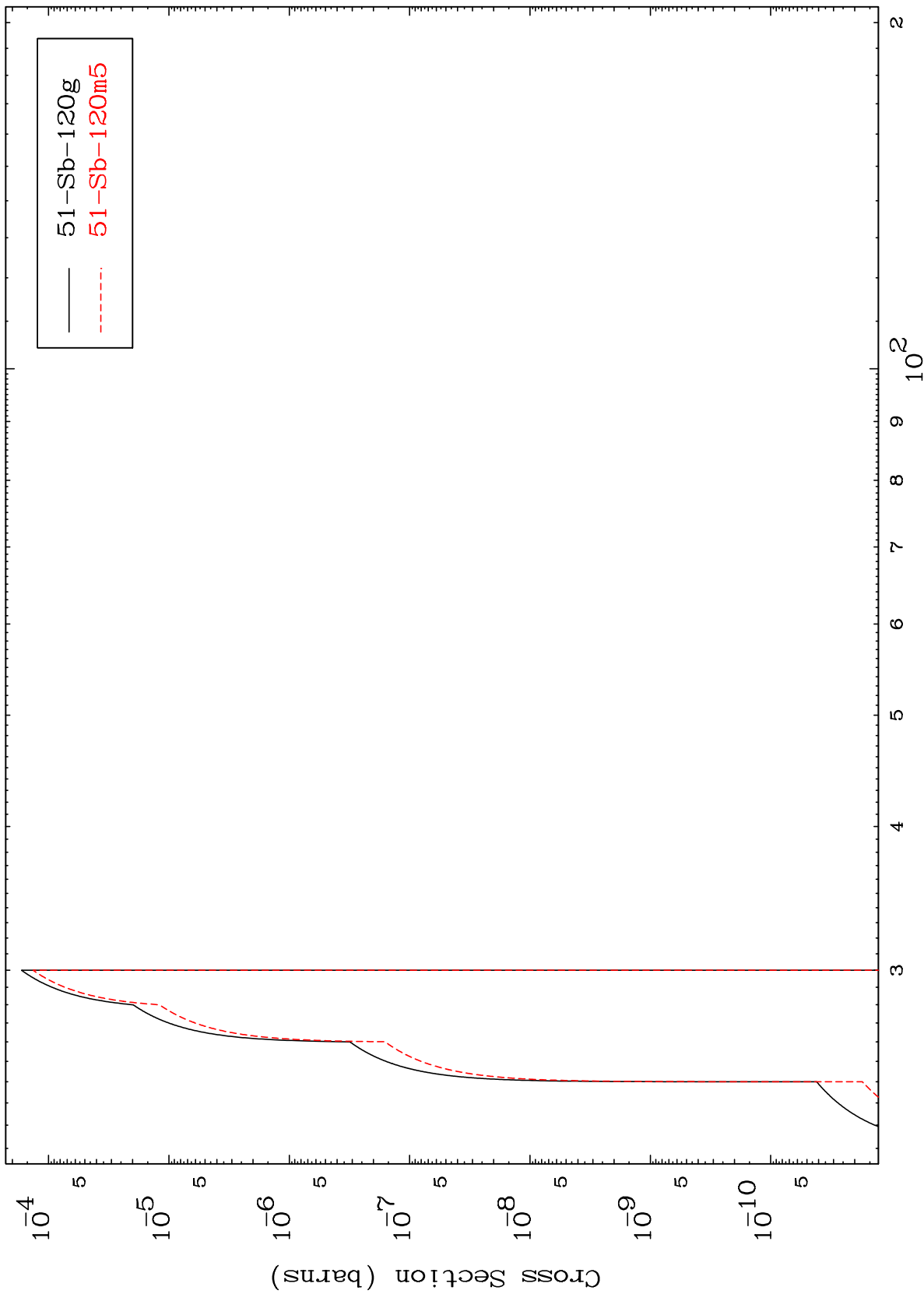


12

Incident Energy (MeV)

50-Sn-119

Radionuclide Production Cross Section



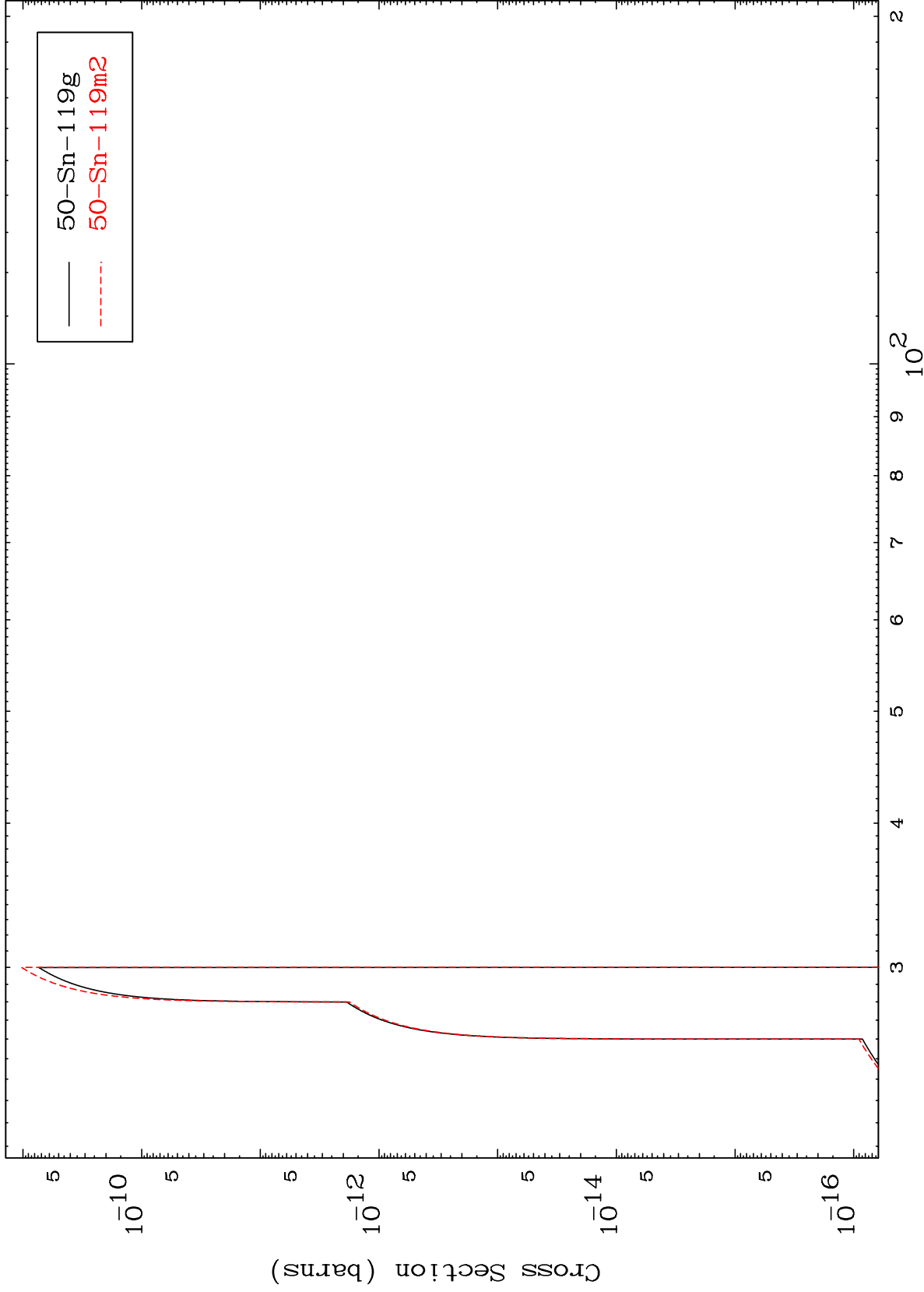
51-Sb-120g
51-Sb-120m5

MAT 5047

(α, n') He-3

50-Sn-119

Radionuclide Production Cross Section



14

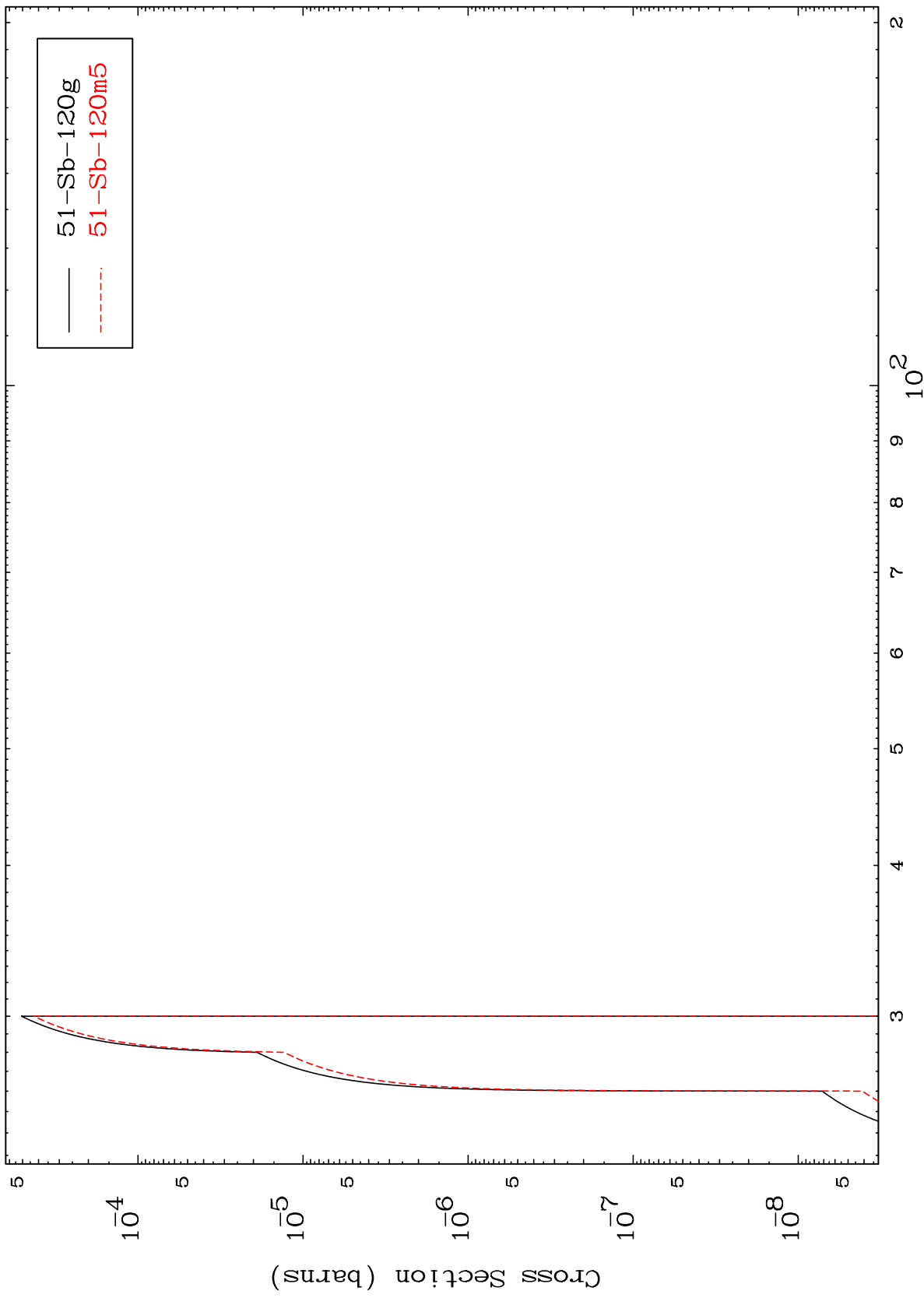
Incident Energy (MeV)

50-Sn-119

MAT 5047

50-Sn-119

$(\alpha, 2n)$ p
Radionuclide Production Cross Section



50-Sn-119

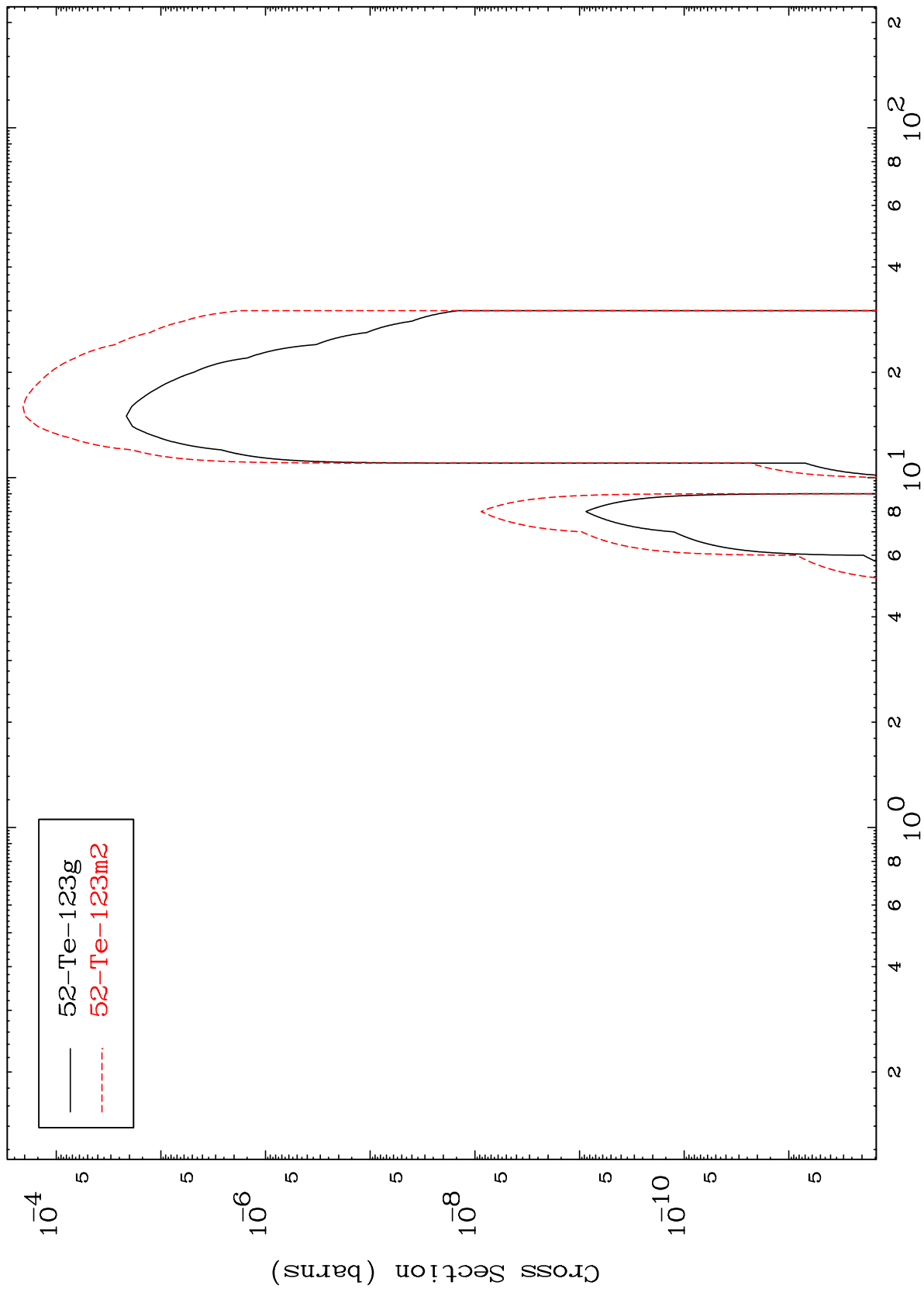
Incident Energy (MeV)

15

MAT 5047

50-Sn-119

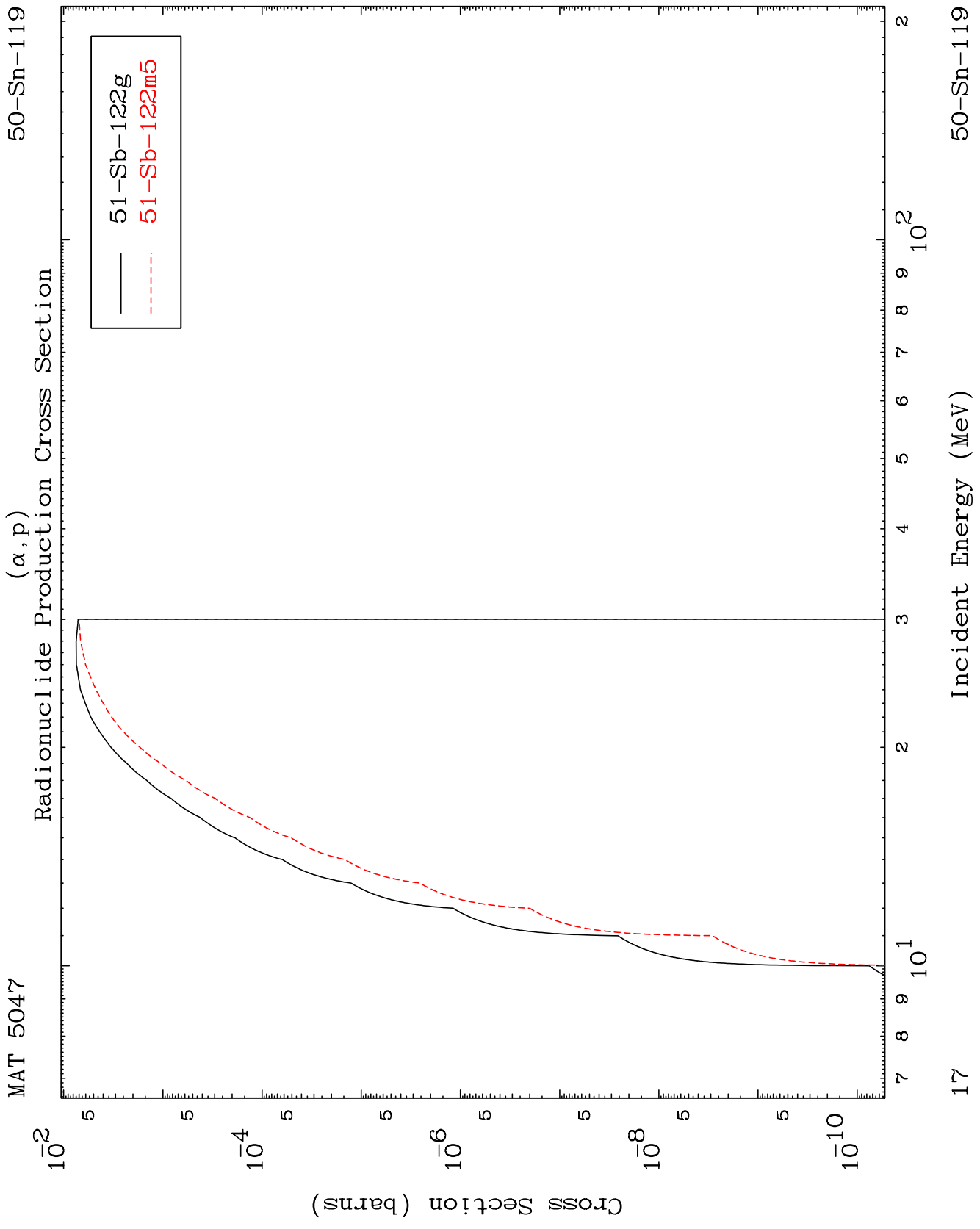
(α, γ)
Radionuclide Production Cross Section



50-Sn-119

Incident Energy (MeV)

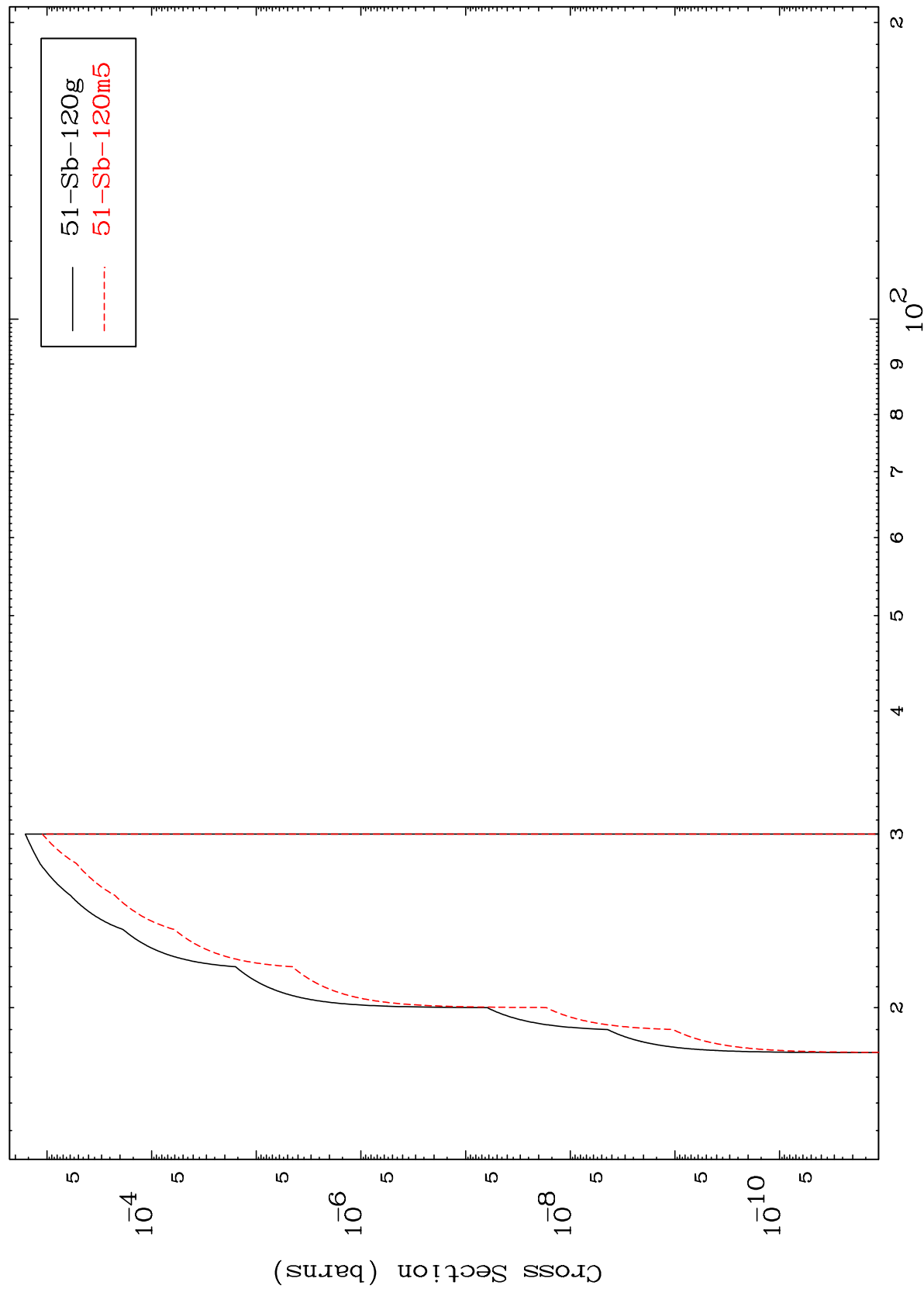
16



MAT 5047

50-Sn-119

(α, t)
Radionuclide Production Cross Section



18

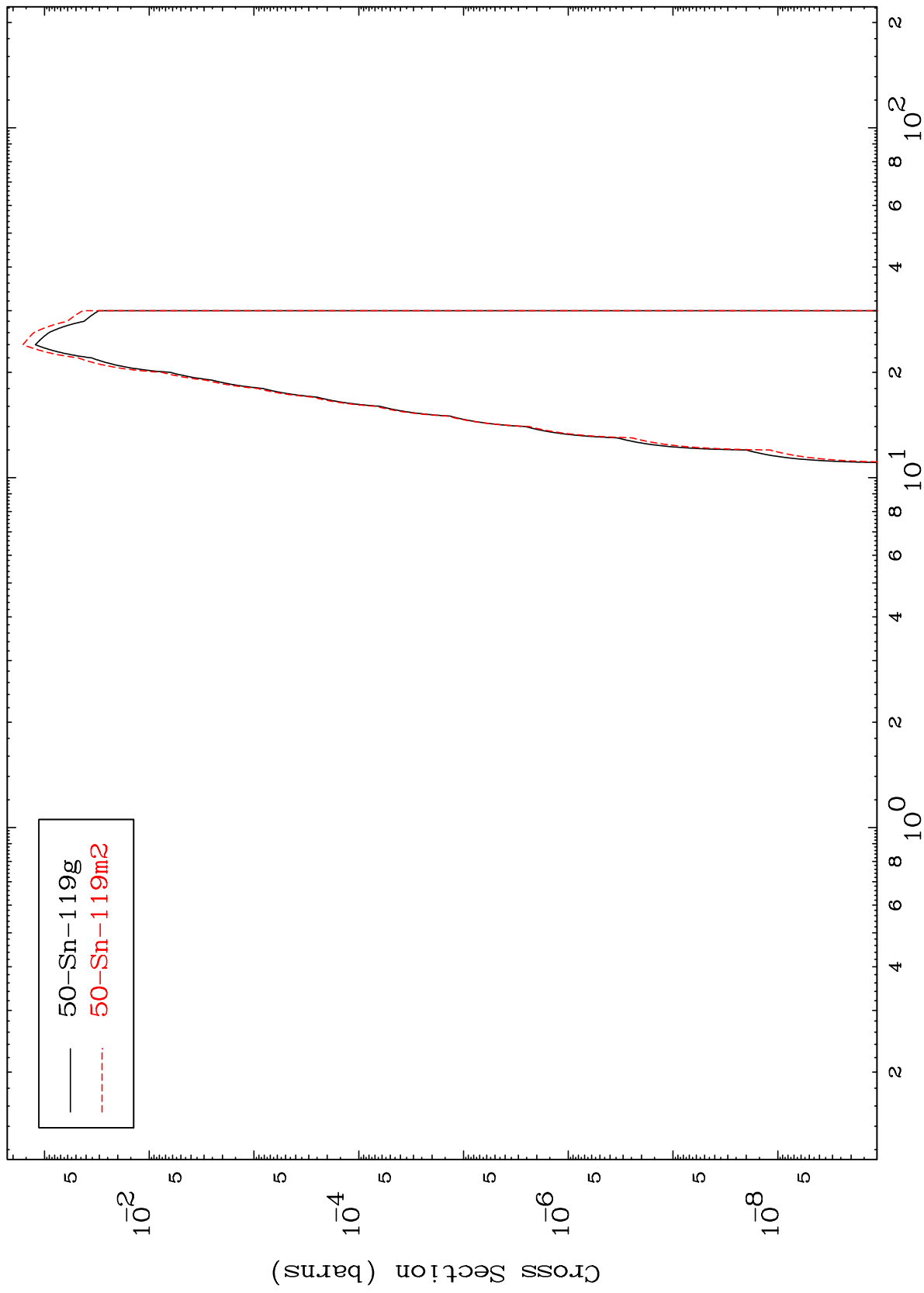
50-Sn-119

Incident Energy (MeV)

MAT 5047

50-Sn-119

Radionuclide Production Cross Section
(α, α)



19

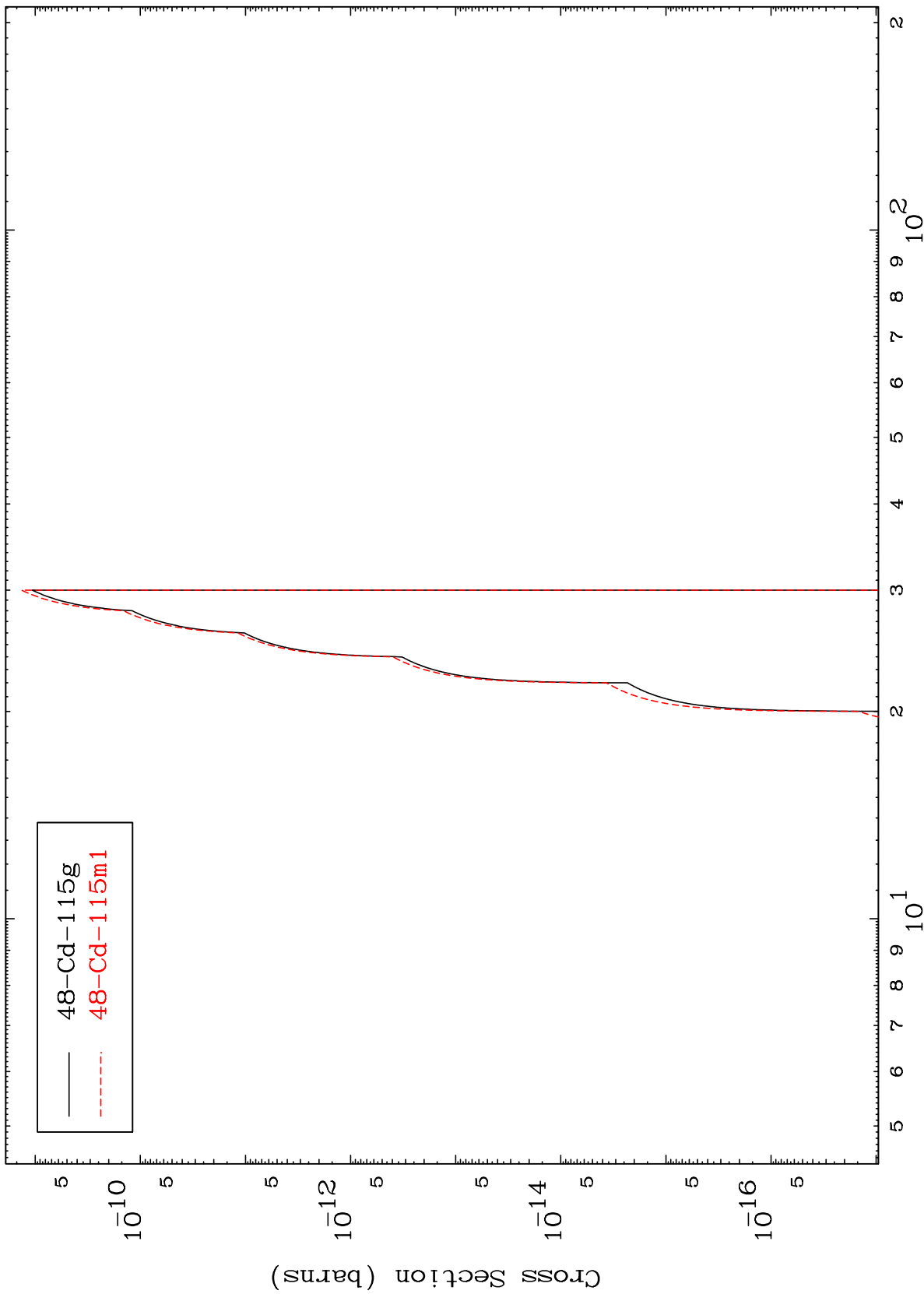
50-Sn-119

Incident Energy (MeV)

MAT 5047

50-Sn-119

Radionuclide Production Cross Section
($\alpha, 2\alpha$)



50-Sn-119

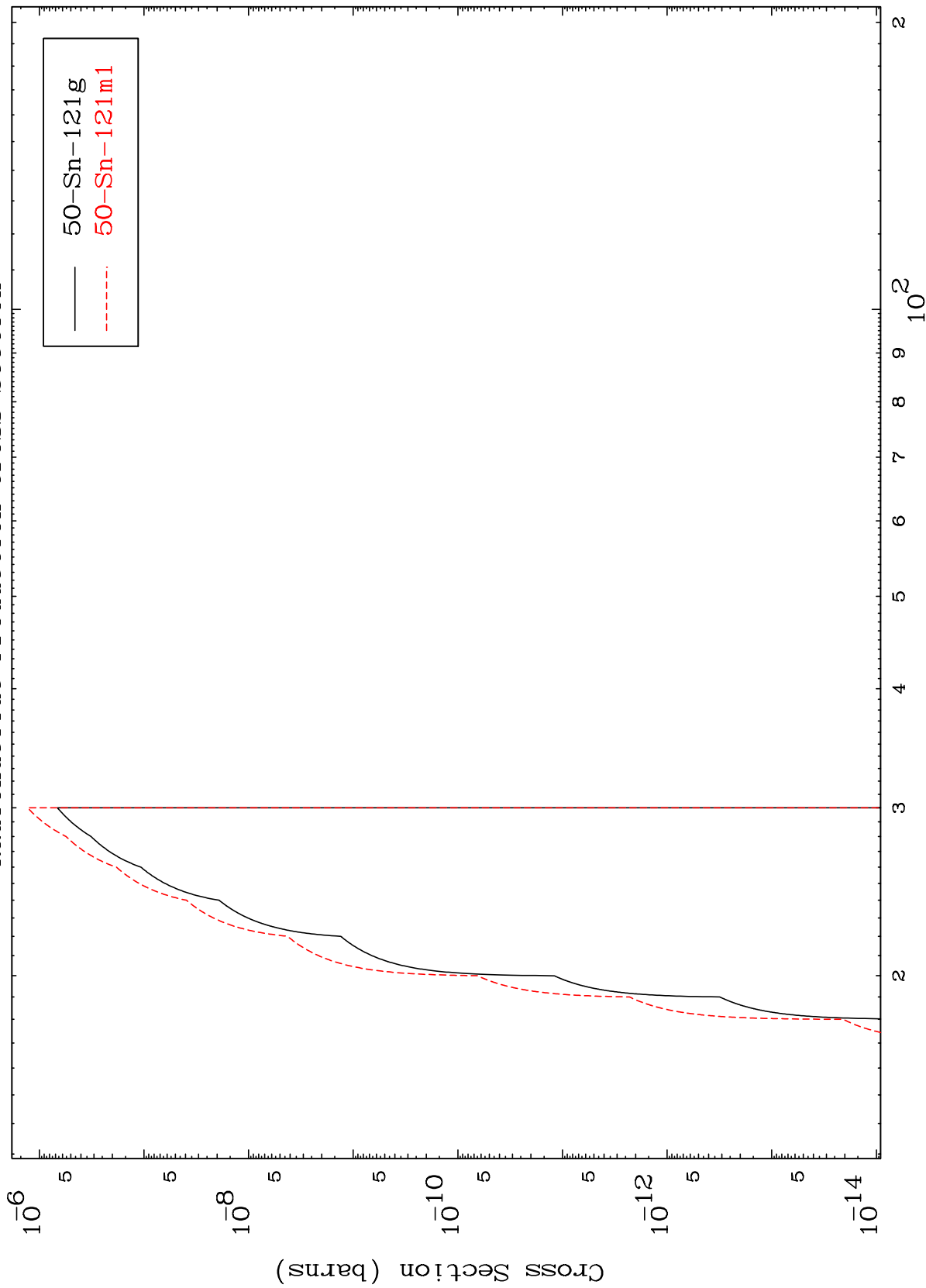
Incident Energy (MeV)

20

MAT 5047

50-Sn-119

($\alpha, 2p$)
Radionuclide Production Cross Section



MAT 5047

(α, p) α

50-Sn-119

Radionuclide Production Cross Section

