

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

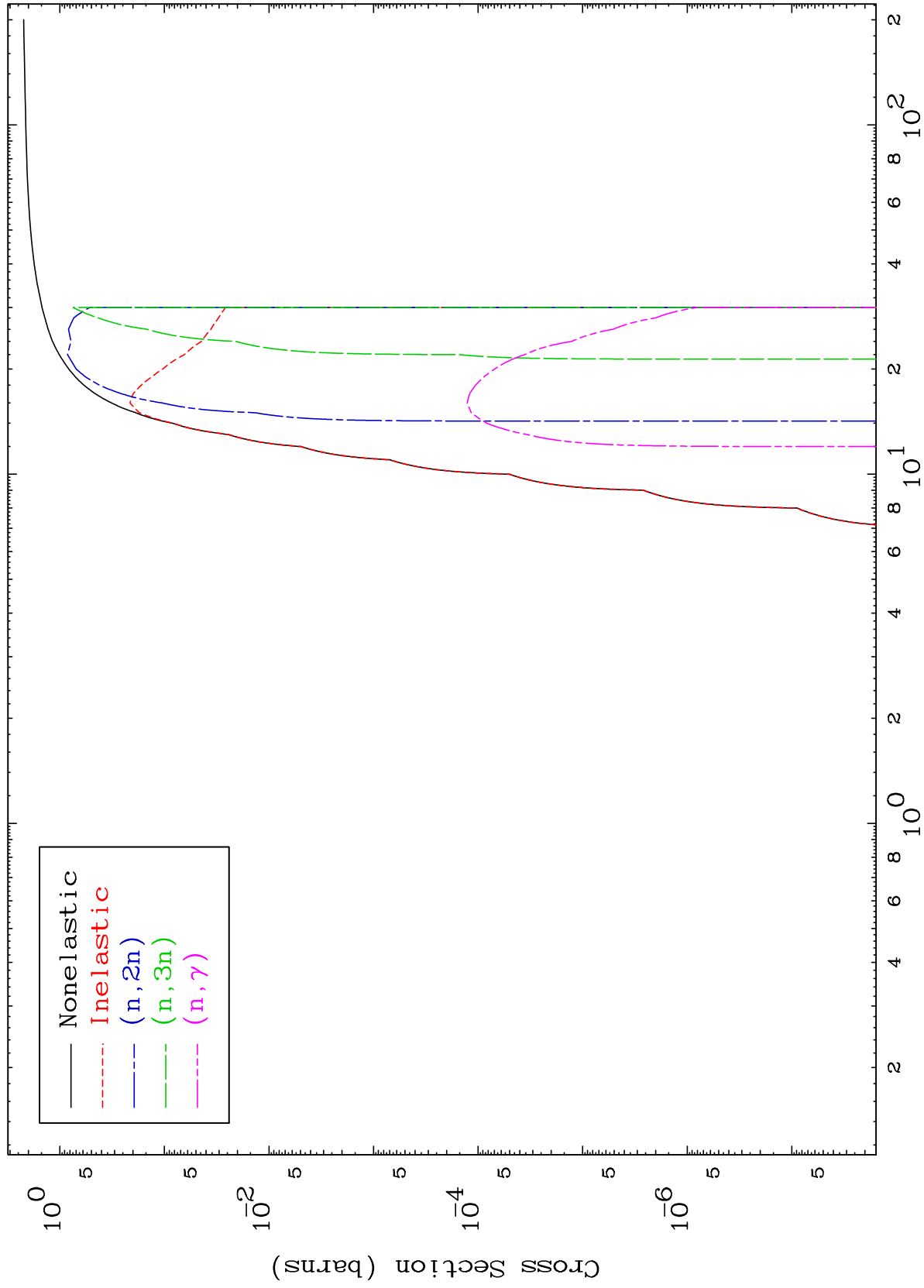
Press Mouse Button to Start

MAT 5053

α Major

0 Kelvin Cross Sections

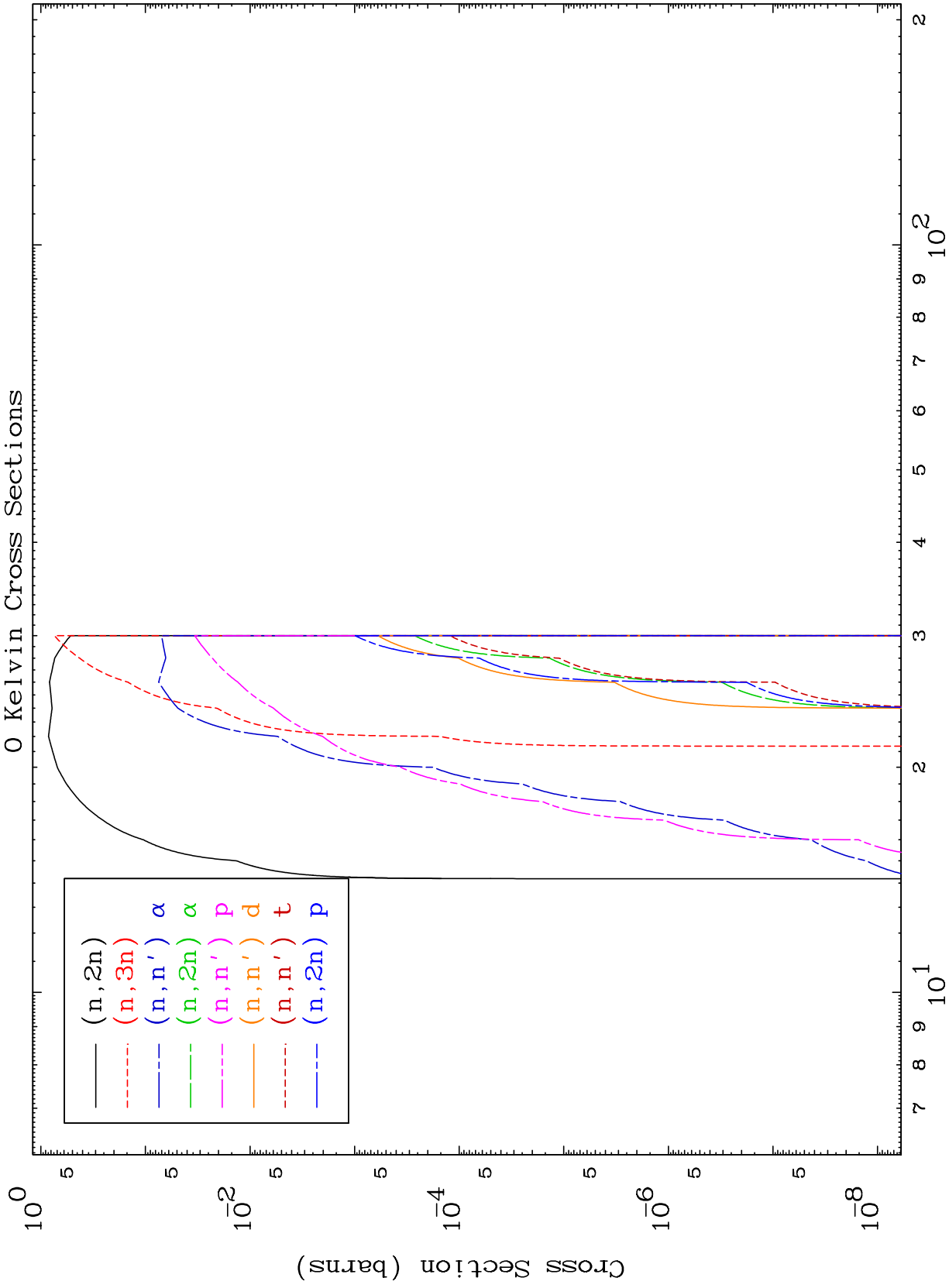
50-Sn-121m



MAT 5053

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-121m



2

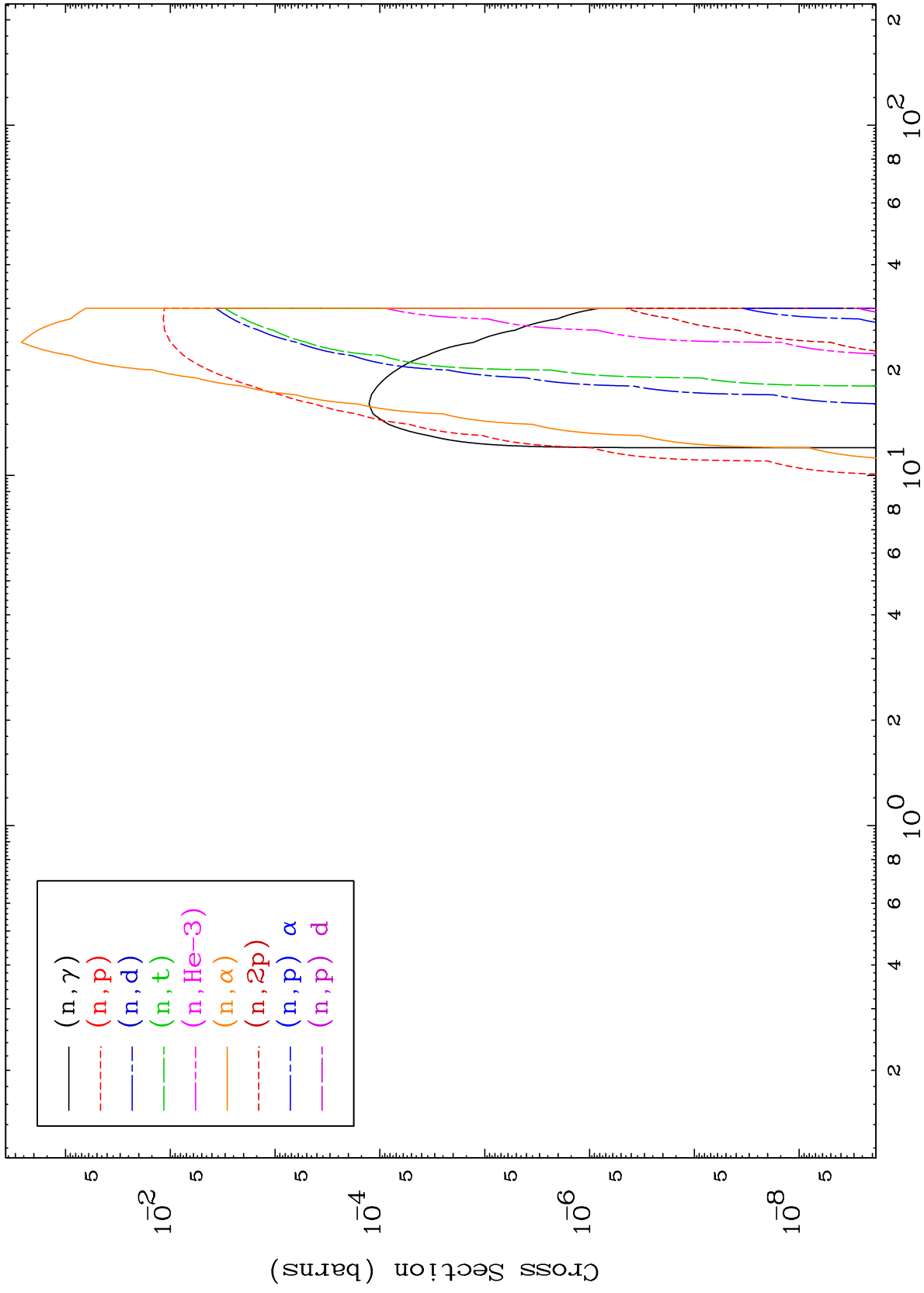
Incident Energy (MeV)

50-Sn-121m

MAT 5053

α Neutron Absorption
0 Kelvin Cross Sections

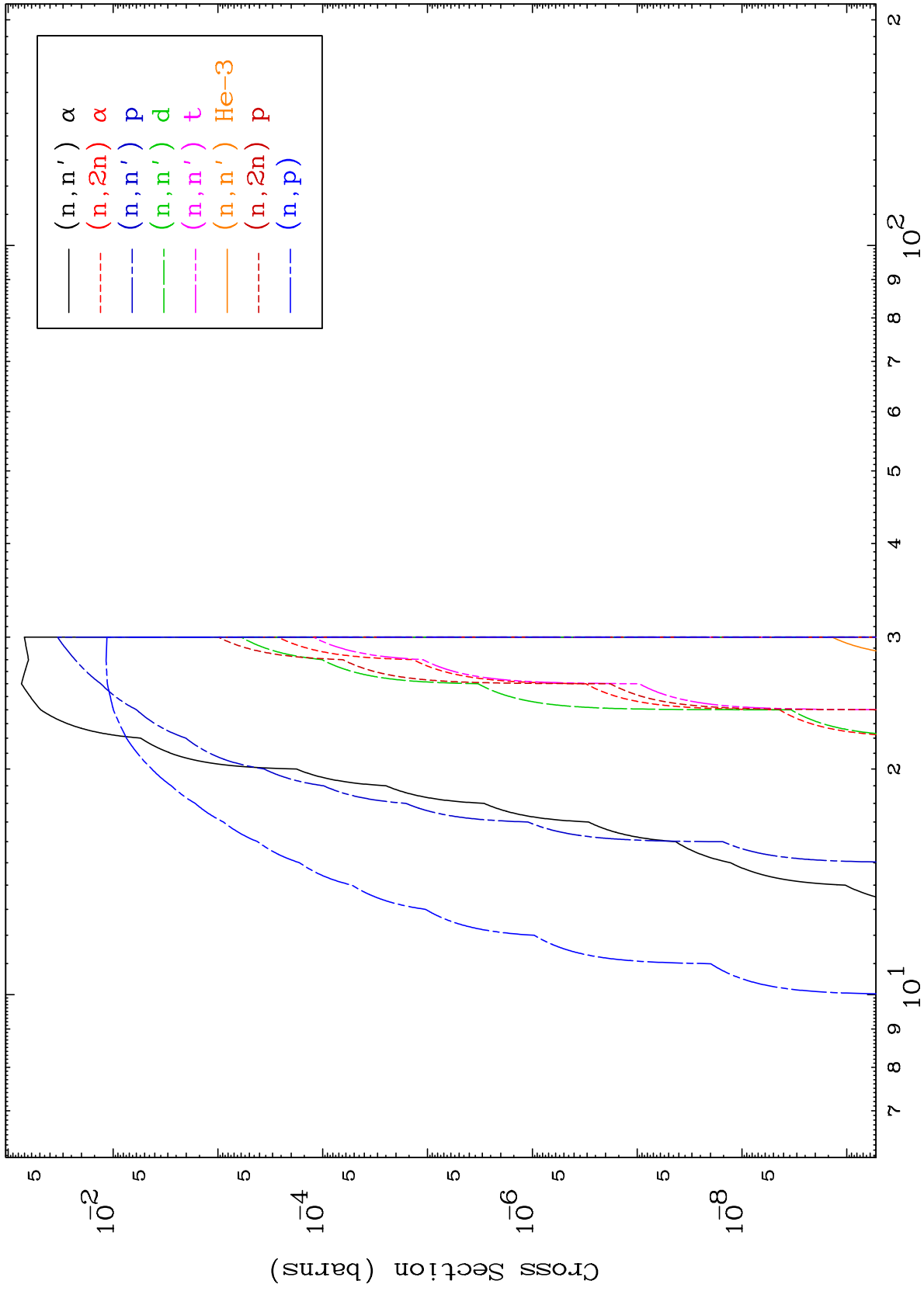
50-Sn-121m

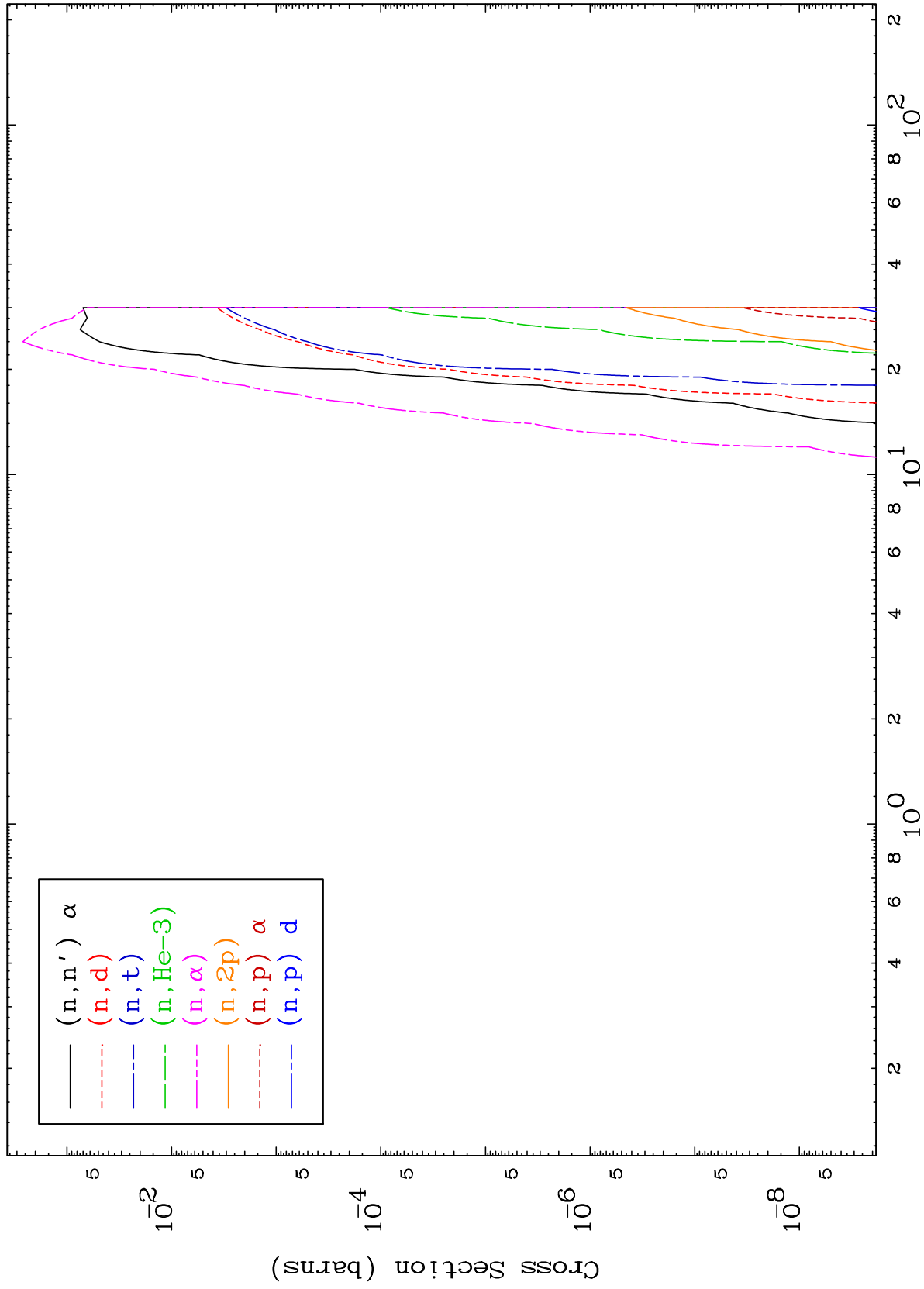


3

Incident Energy (MeV)

50-Sn-121m

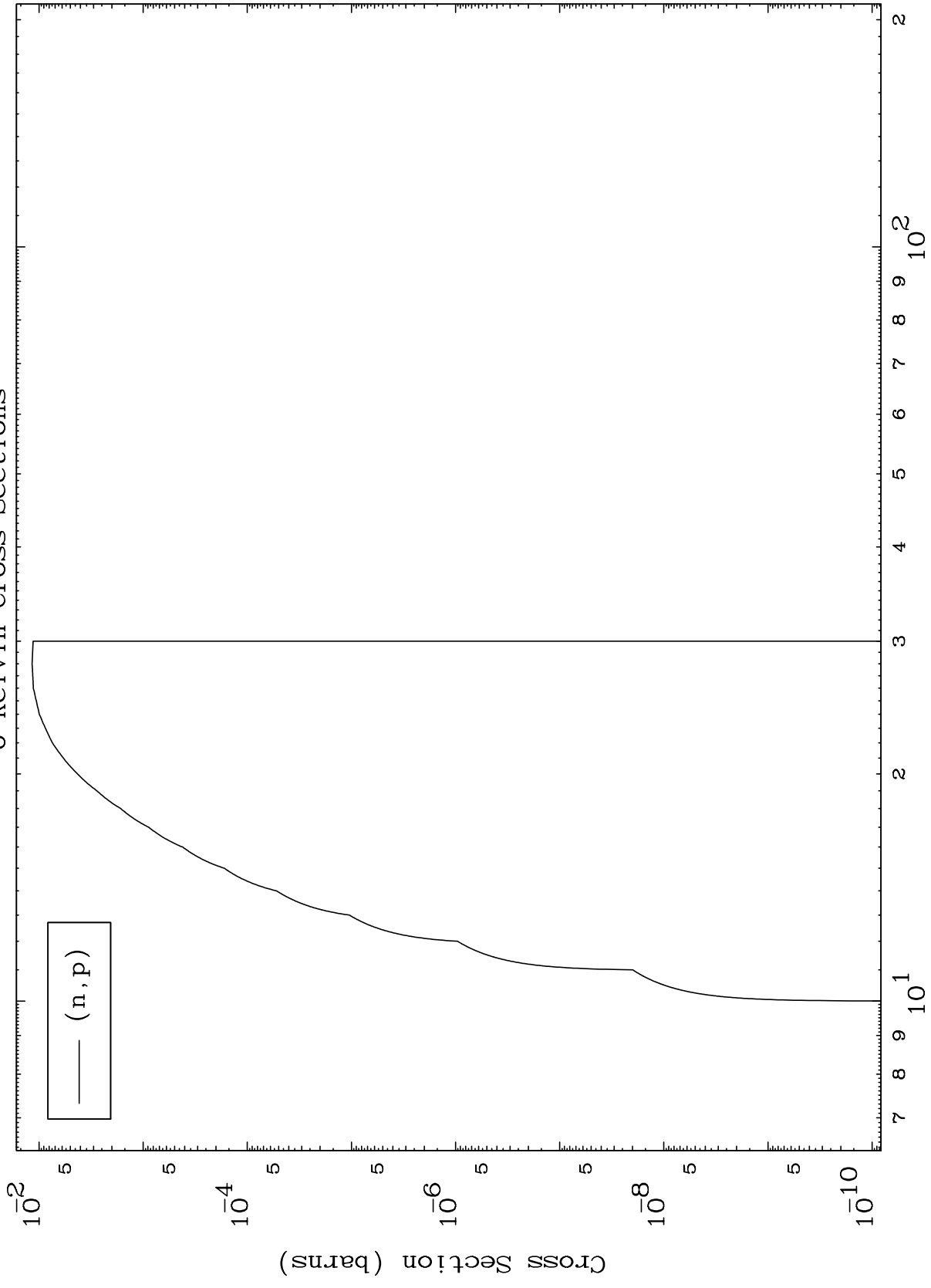




MAT 5053

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-121m



6

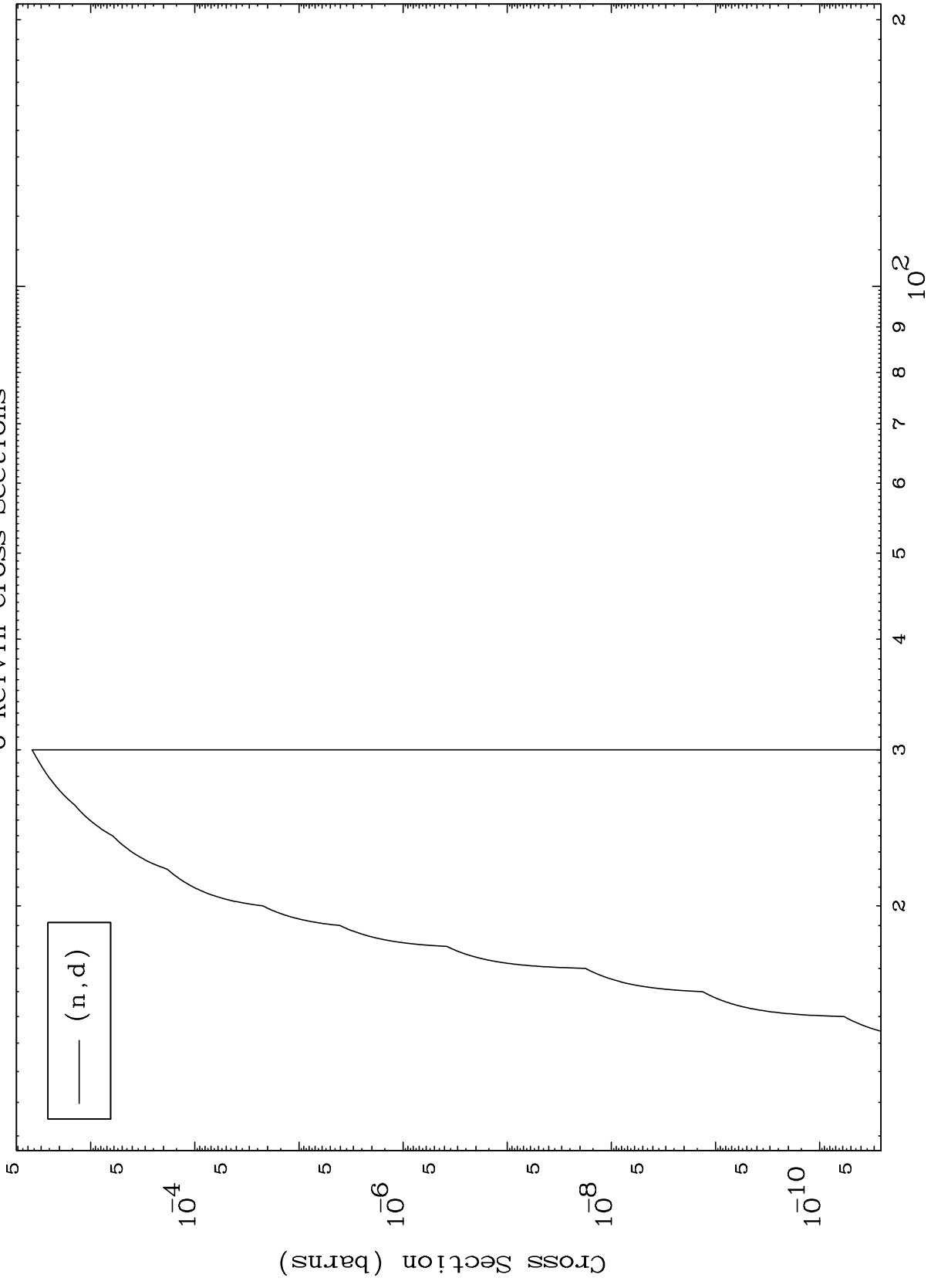
Incident Energy (MeV)

50-Sn-121m

MAT 5053

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-121m



7

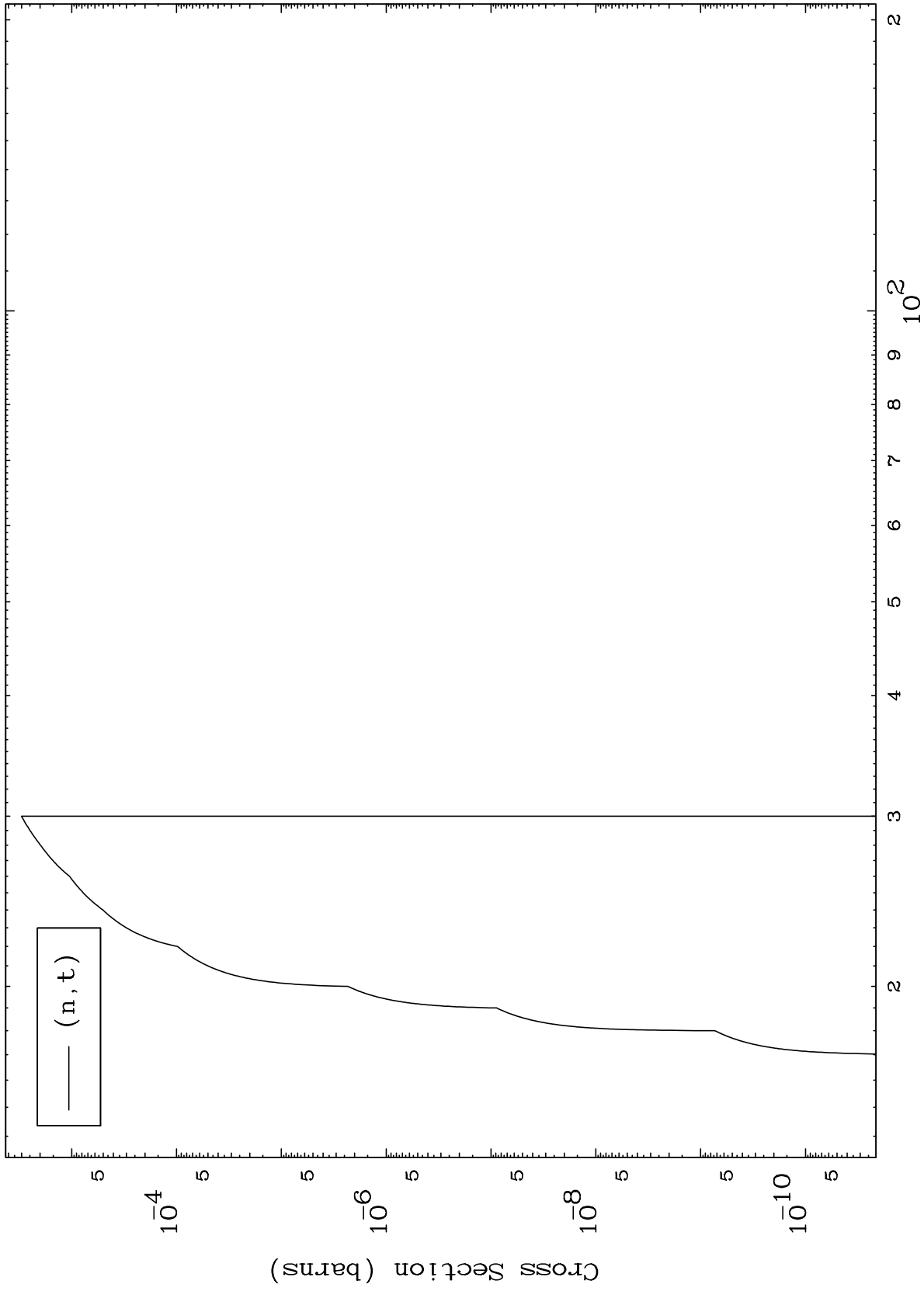
Incident Energy (MeV)

50-Sn-121m

MAT 5053

(α, t) Levels
0 Kelvin Cross Sections

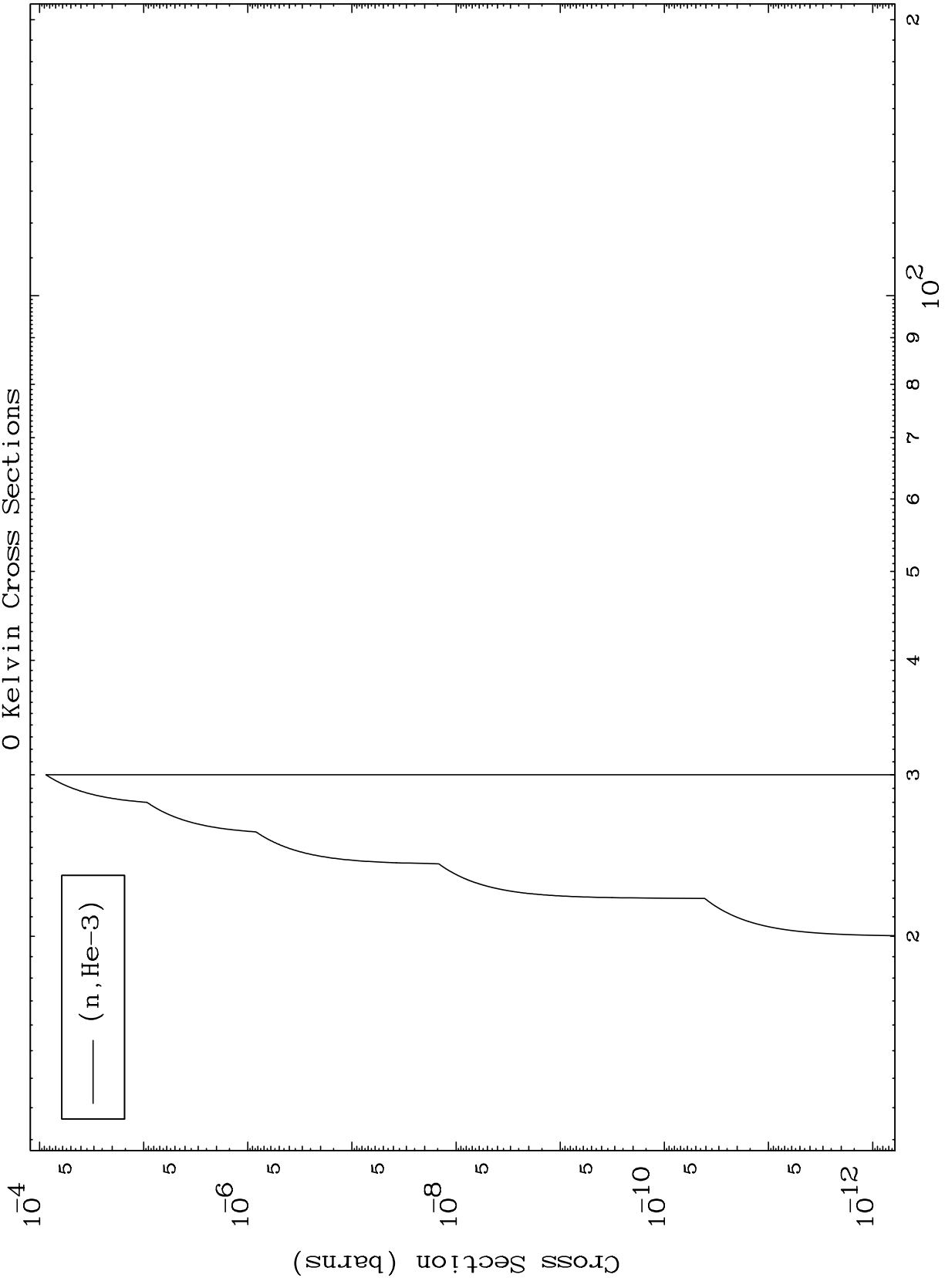
50-Sn-121m



MAT 5053

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

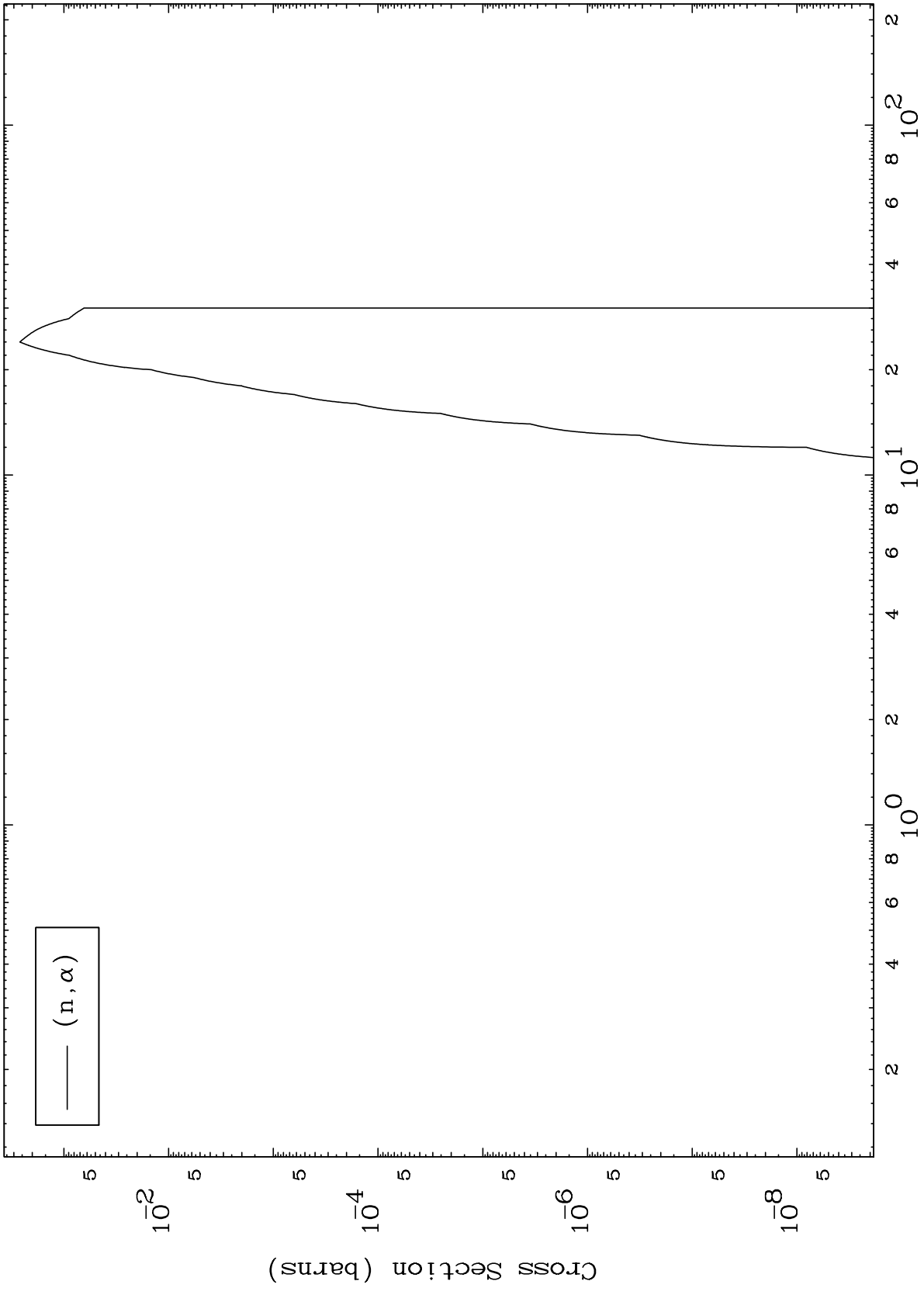
50-Sn-121m



MAT 5053

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-121m



10

Incident Energy (MeV)

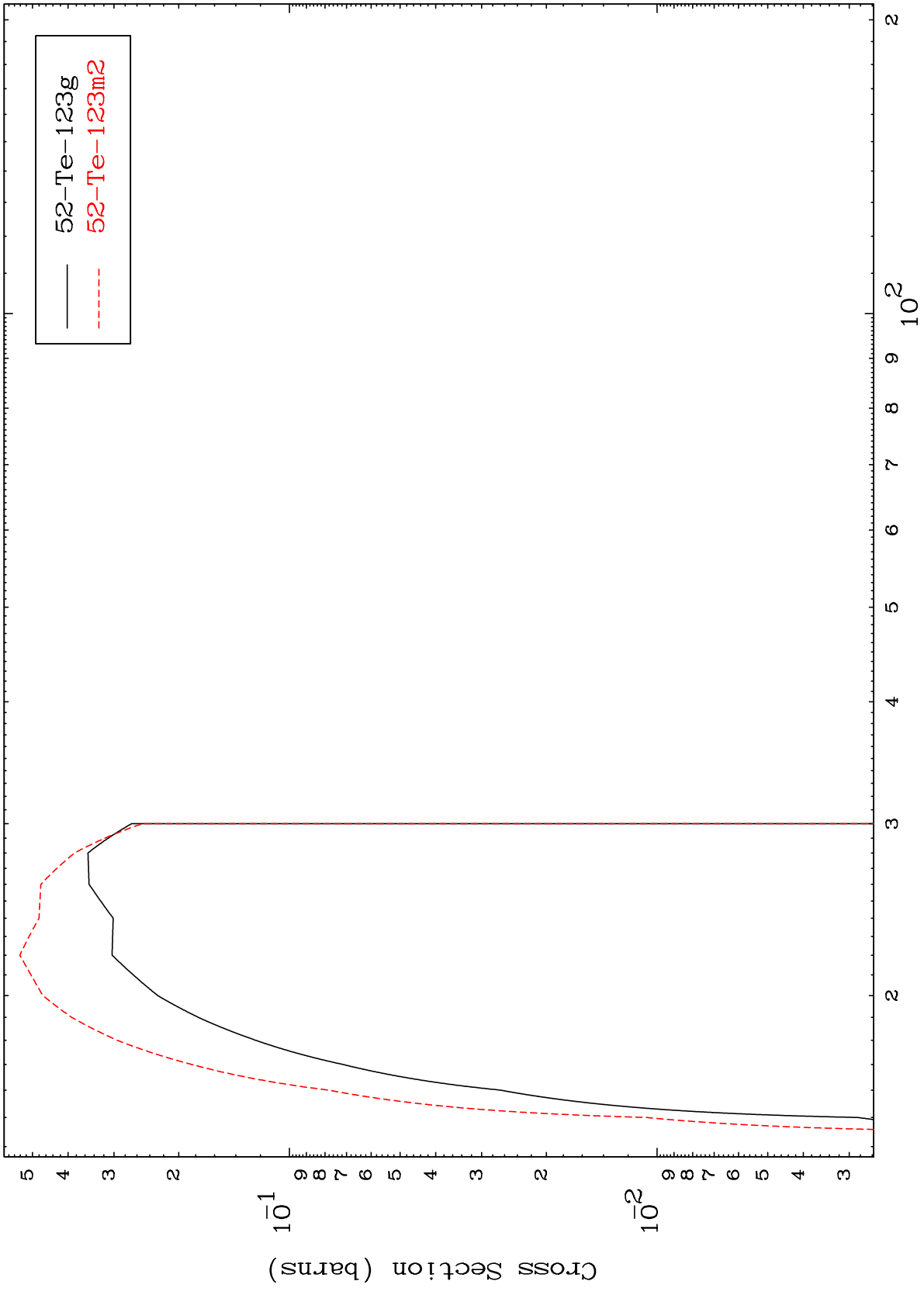
50-Sn-121m

MAT 5053

(n,2n)

50-Sn-121m

Radionuclide Production Cross Section

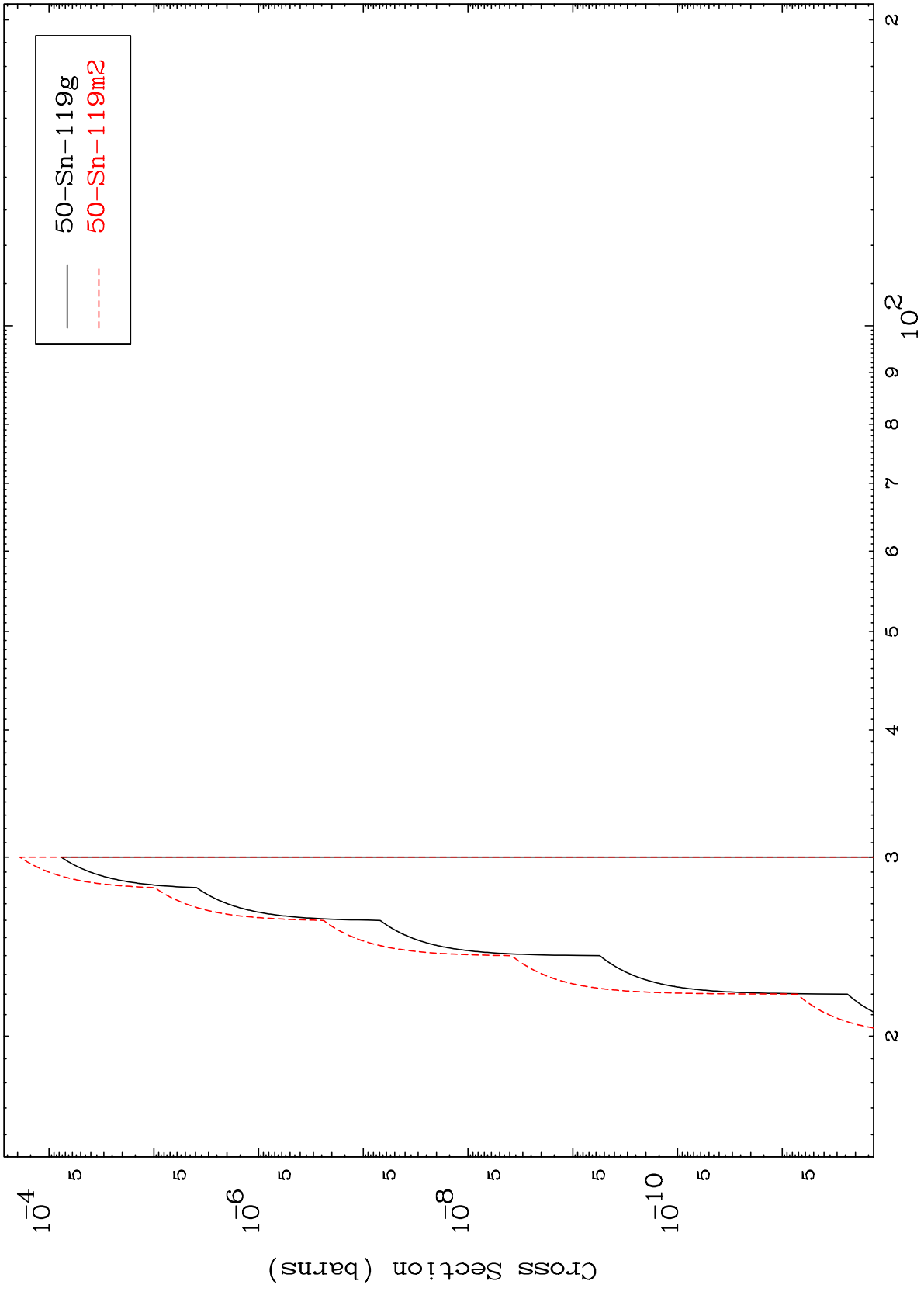


MAT 5053

(n,2n) α

50-Sn-121m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

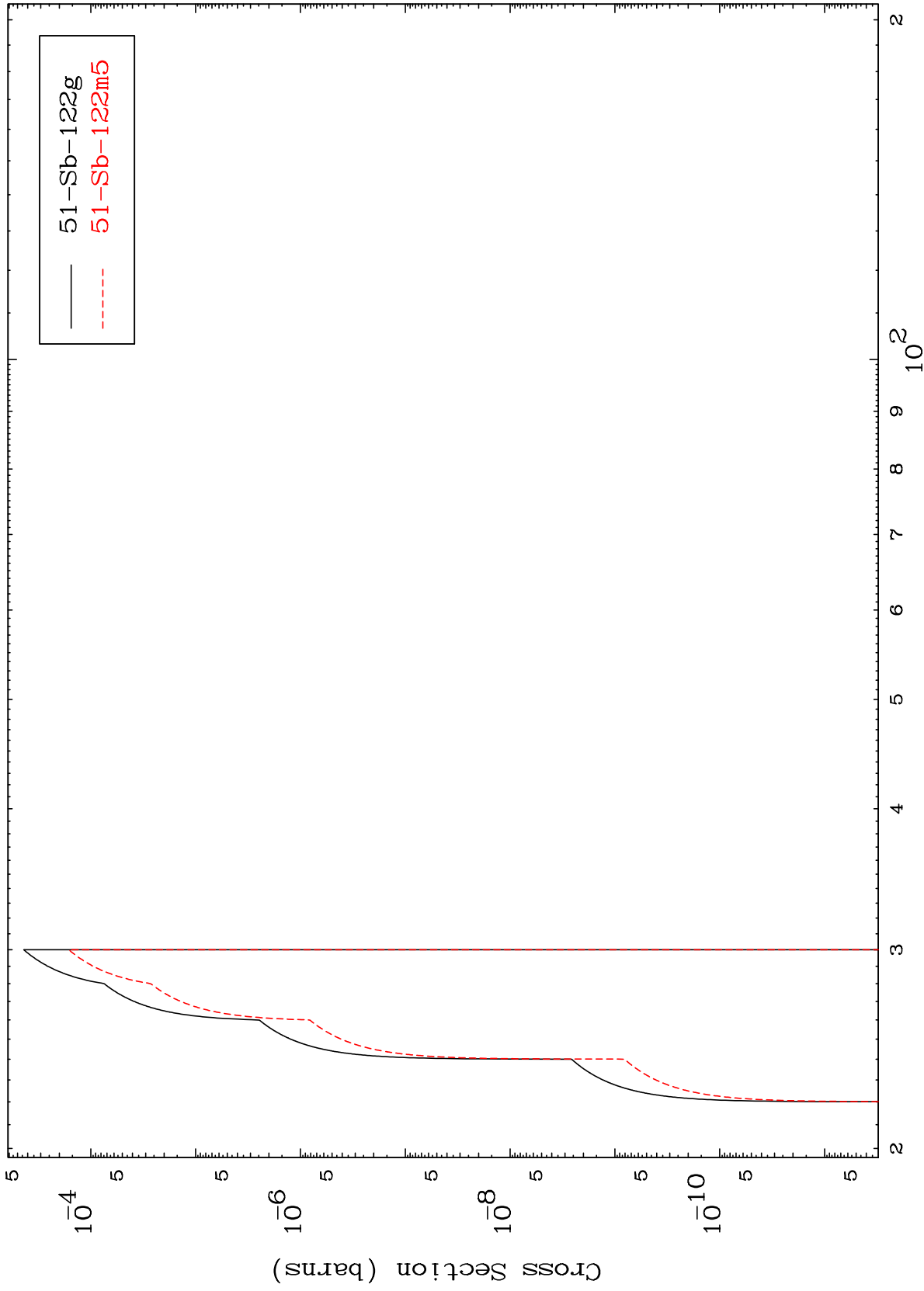
50-Sn-121m

MAT 5053

(n,n') d

50-Sn-121m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

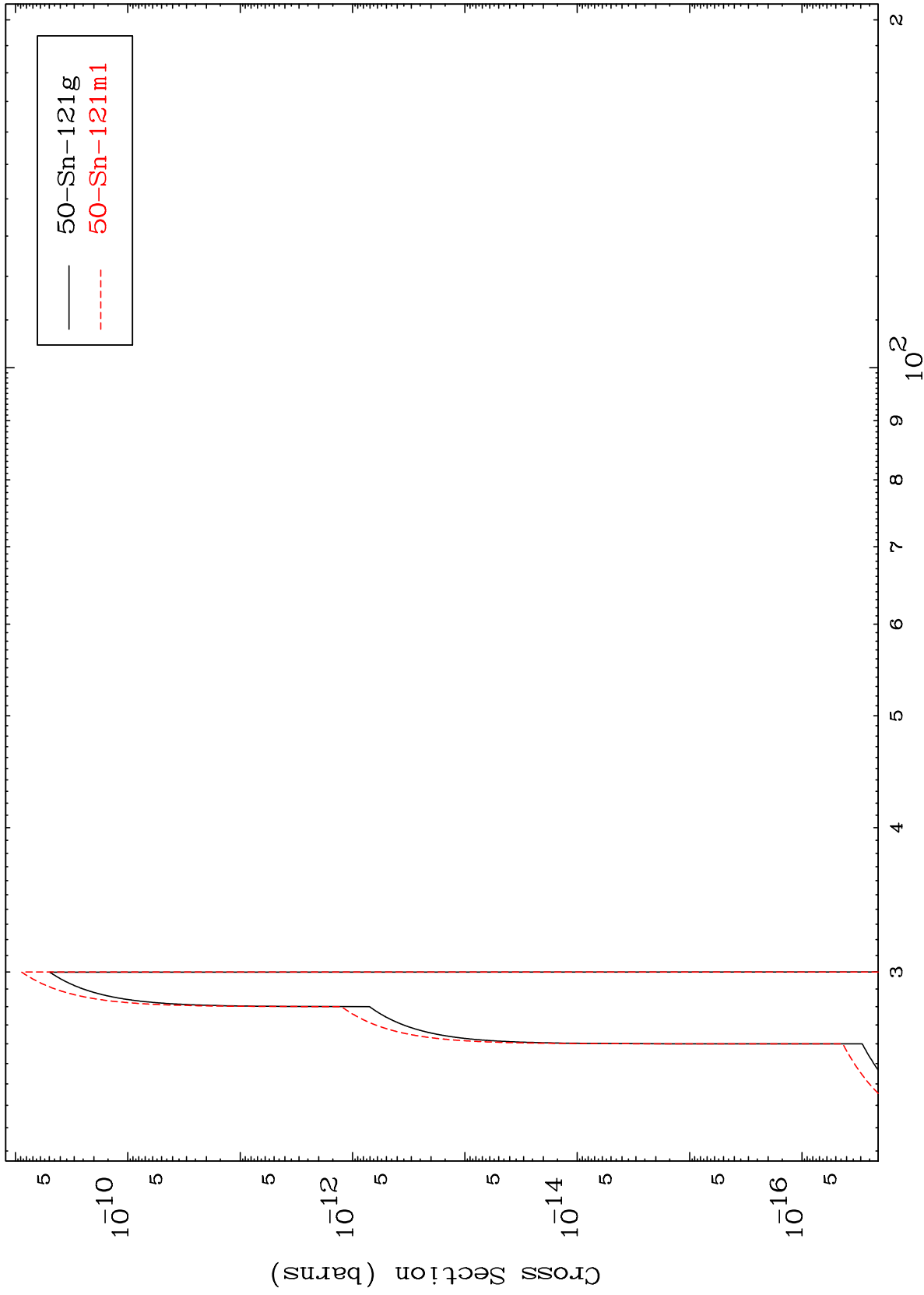
50-Sn-121m

MAT 5053

(n, n') He-3

50-Sn-121m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

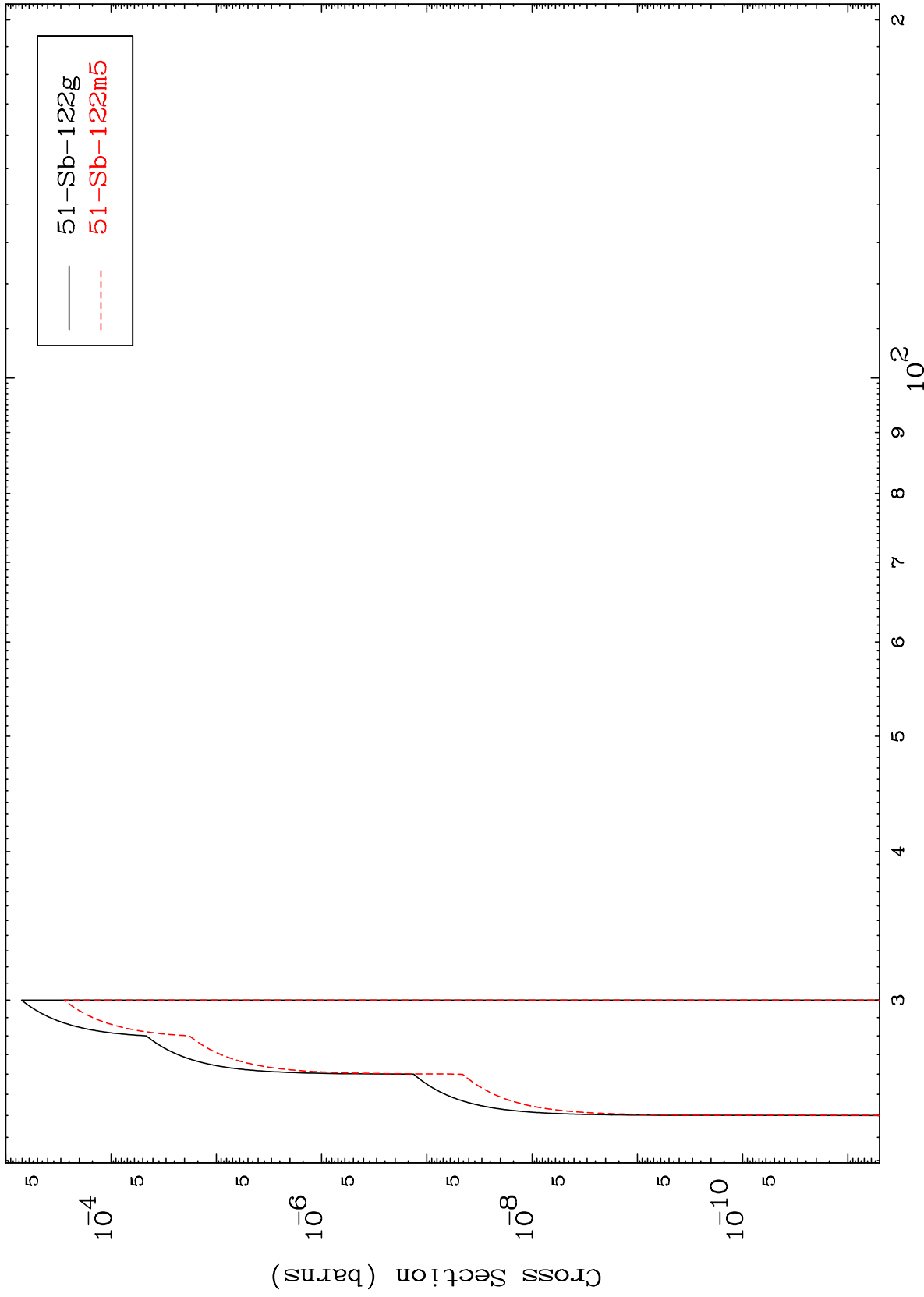
50-Sn-121m

MAT 5053

(n,2n) p

50-Sn-121m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

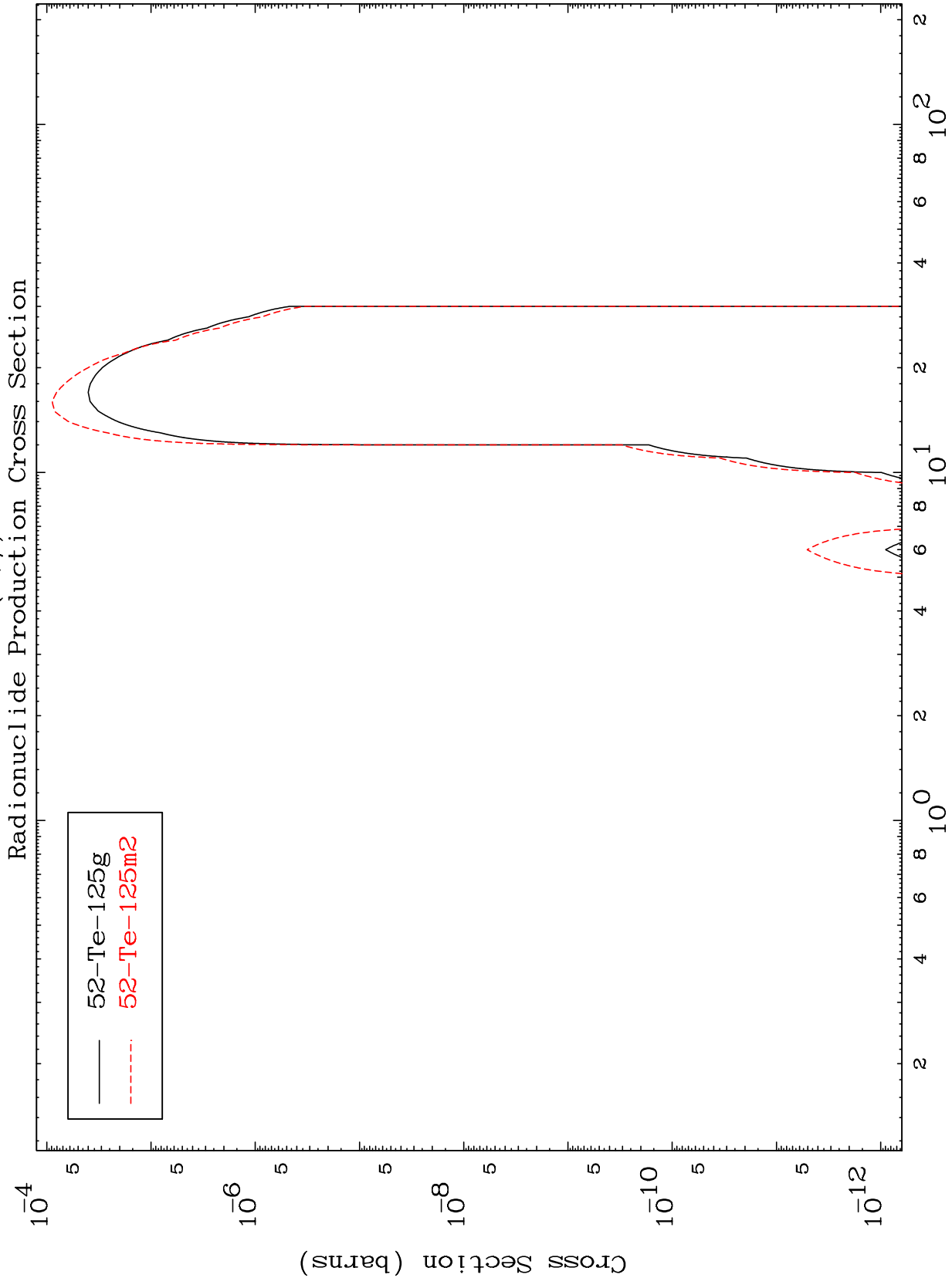
50-Sn-121m

MAT 5053

50-Sn-121m

Radionuclide Production Cross Section

(n, γ)



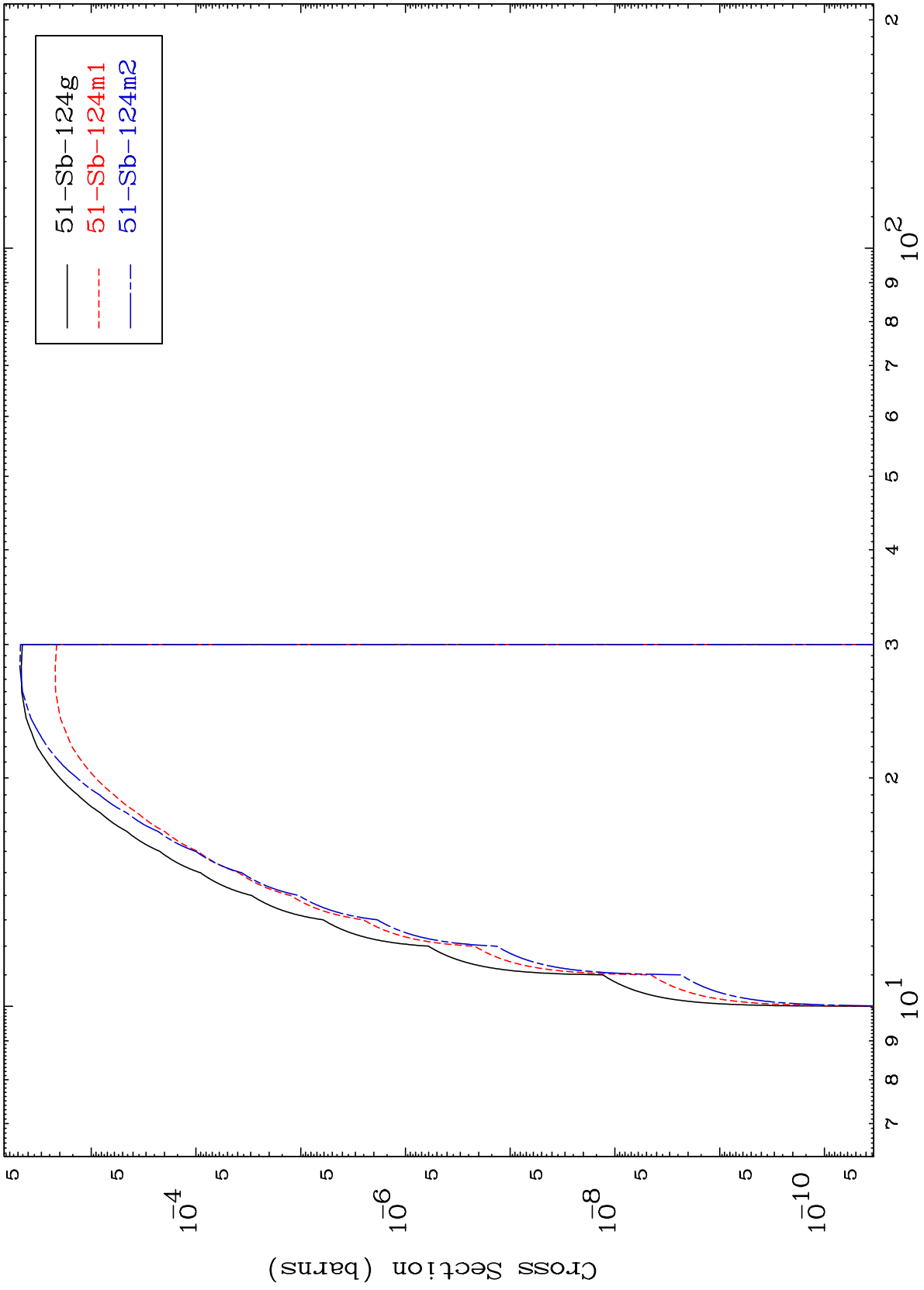
16

50-Sn-121m

MAT 5053

50-Sn-121m

(n,p)
Radionuclide Production Cross Section



17

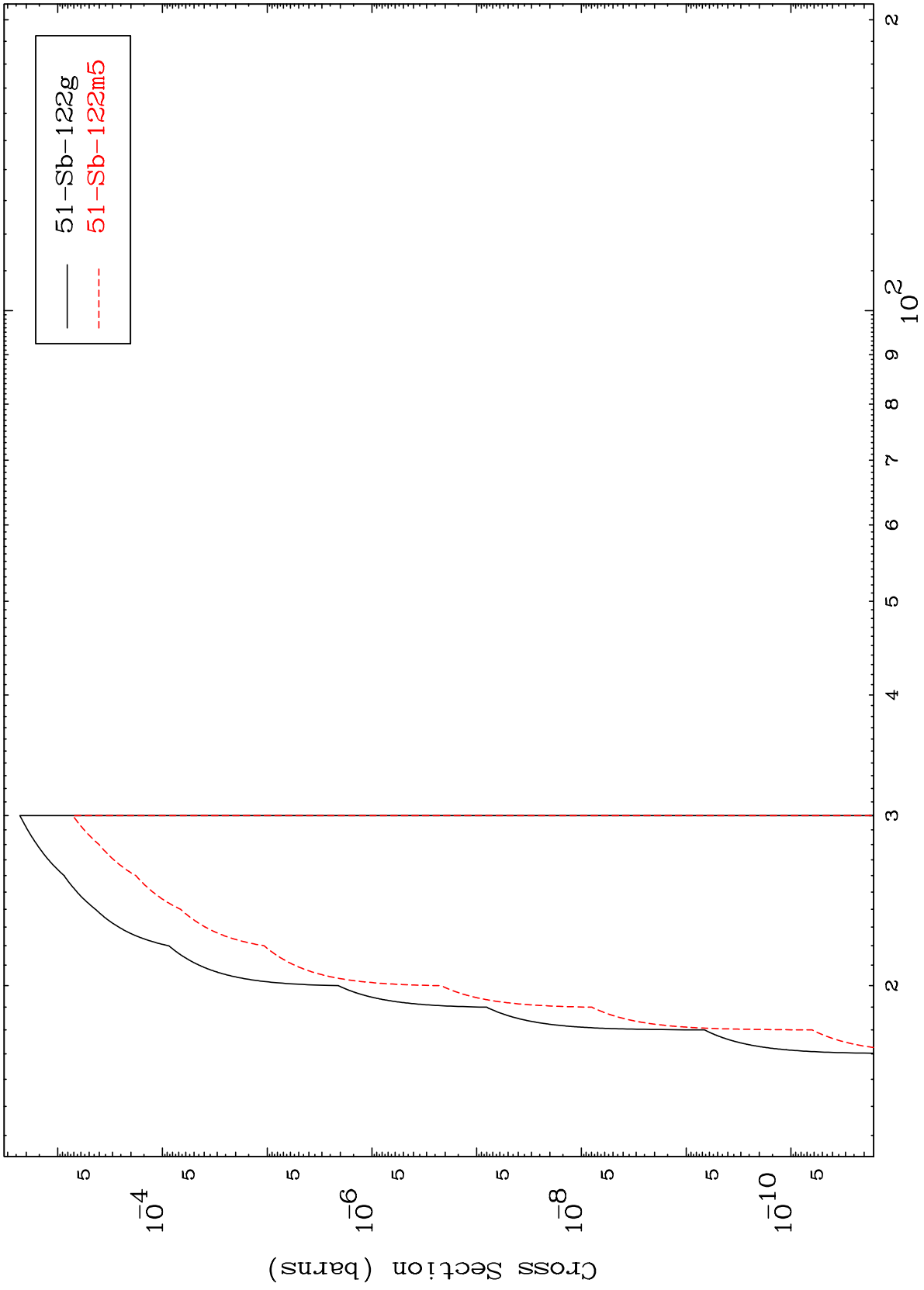
Incident Energy (MeV)

50-Sn-121m

MAT 5053

50-Sn-121m

(n, t)
Radionuclide Production Cross Section



18

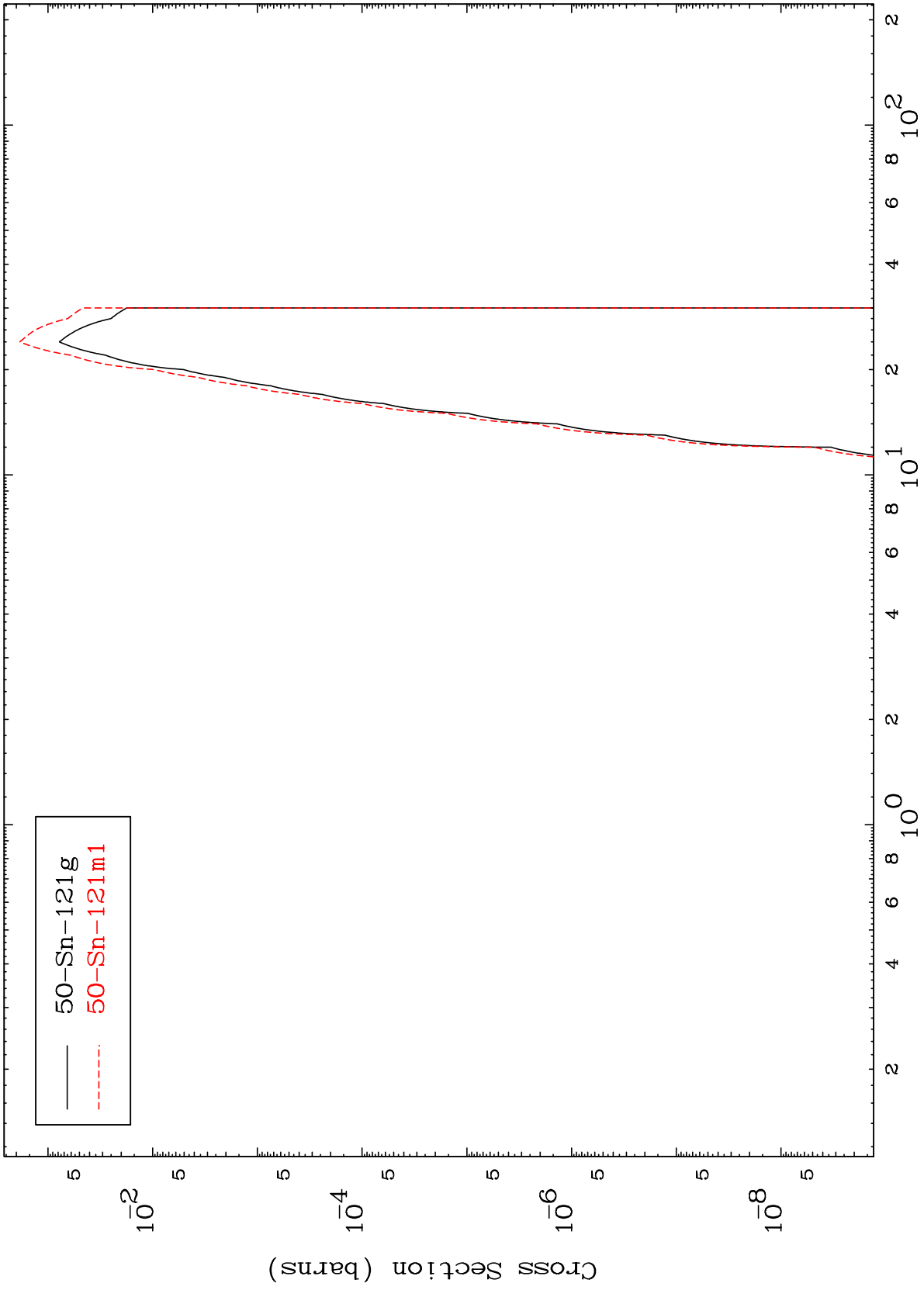
50-Sn-121m

Incident Energy (MeV)

MAT 5053

50-Sn-121m

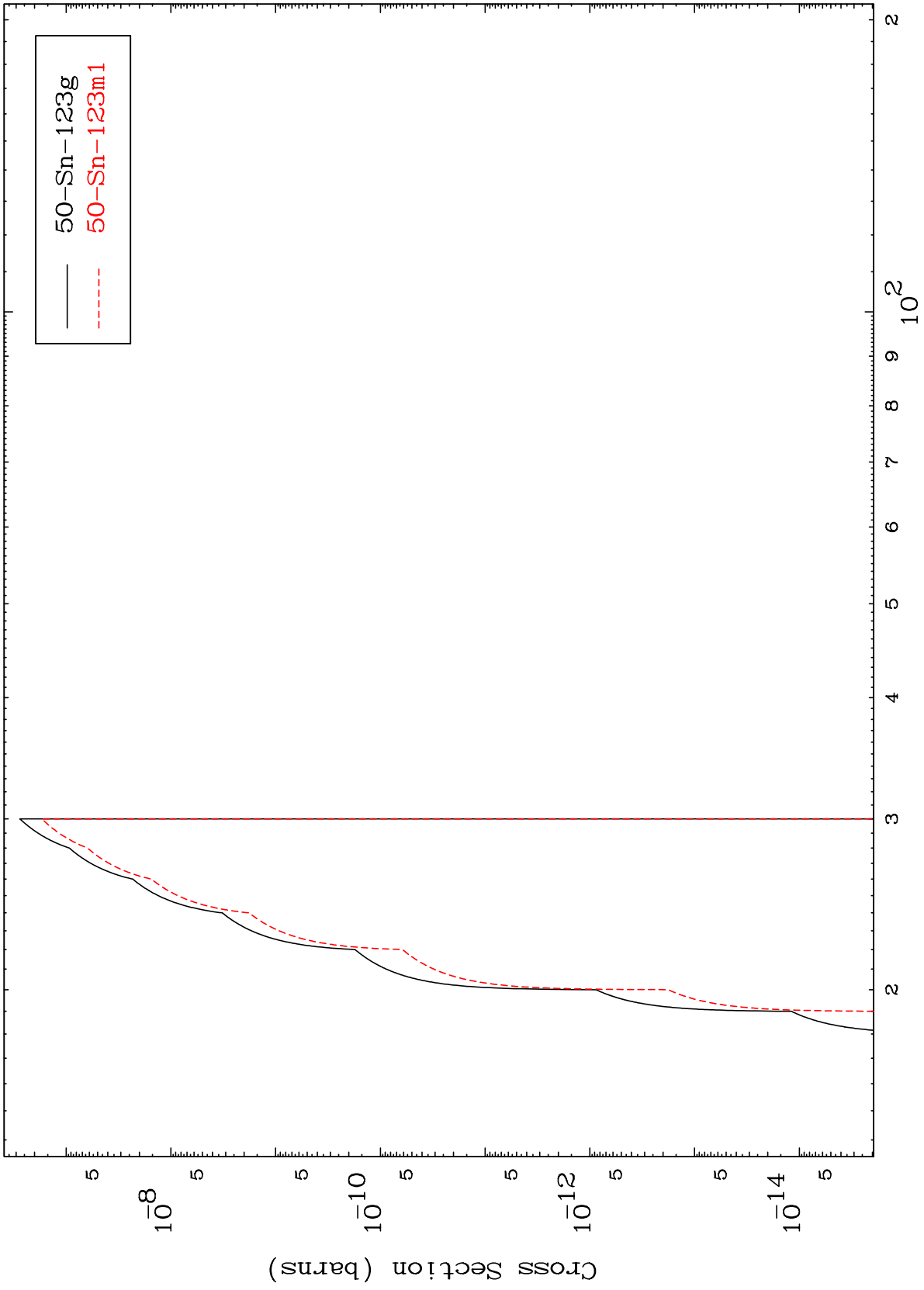
Radionuclide Production Cross Section



MAT 5053

(n,2p)
Radionuclide Production Cross Section

50-Sn-121m



20

Incident Energy (MeV)

50-Sn-121m

MAT 5053

(n,p) α

50-Sn-121m

Radionuclide Production Cross Section

