

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

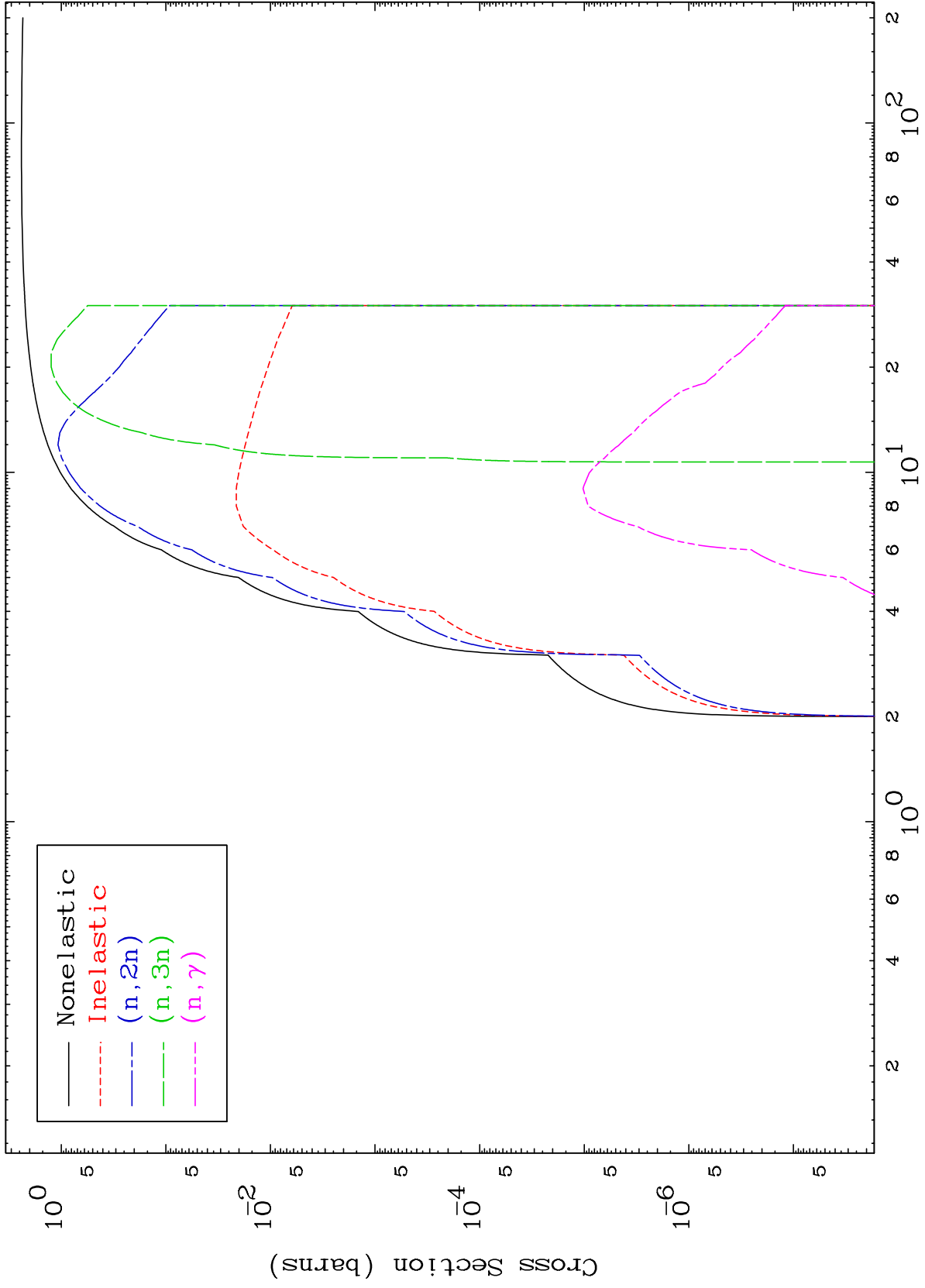
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5059

Deuteron Major
0 Kelvin Cross Sections

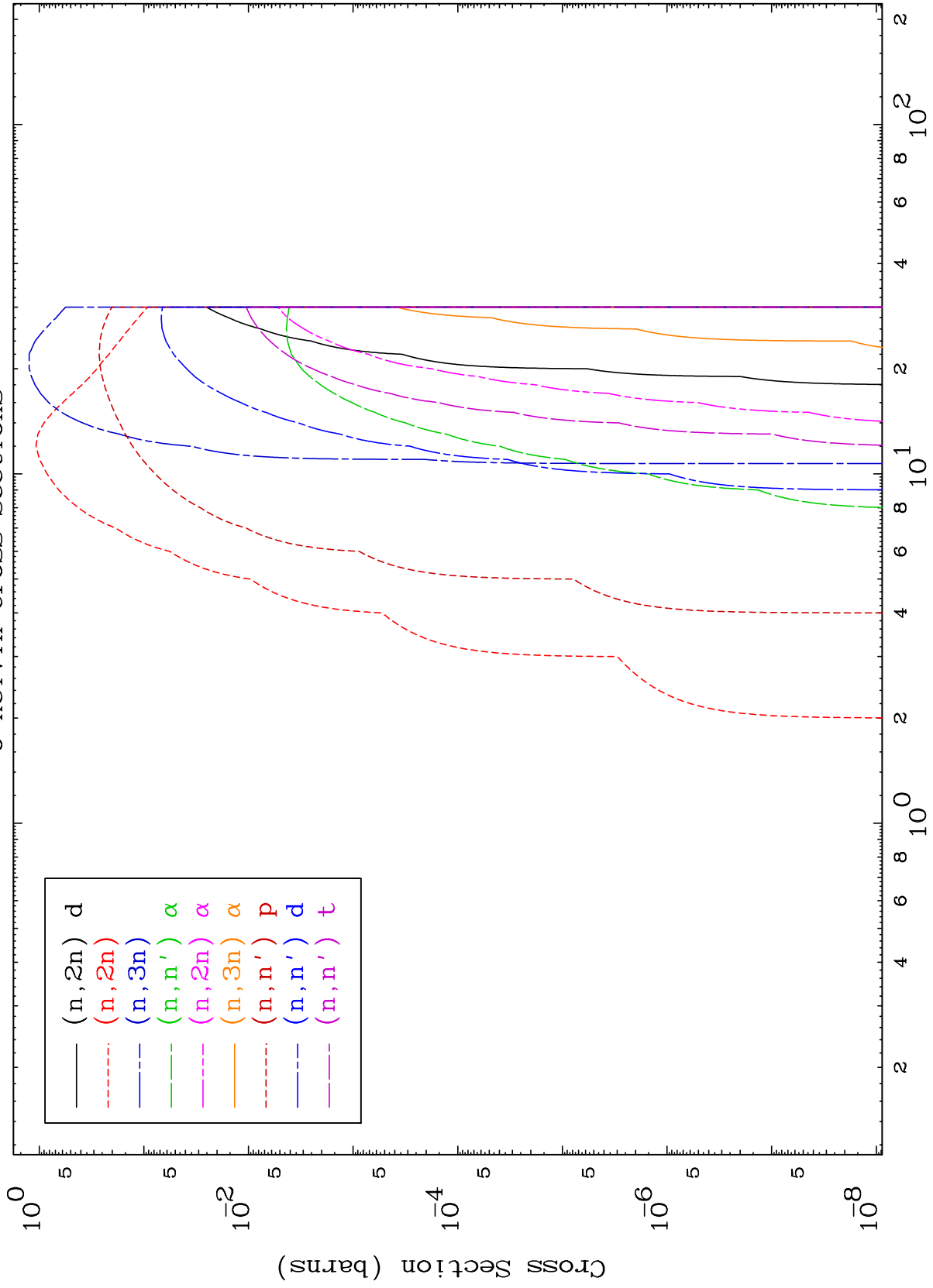
50-Sn-123m



MAT 5059

Deuteron Neutron Absorption
0 Kelvin Cross Sections

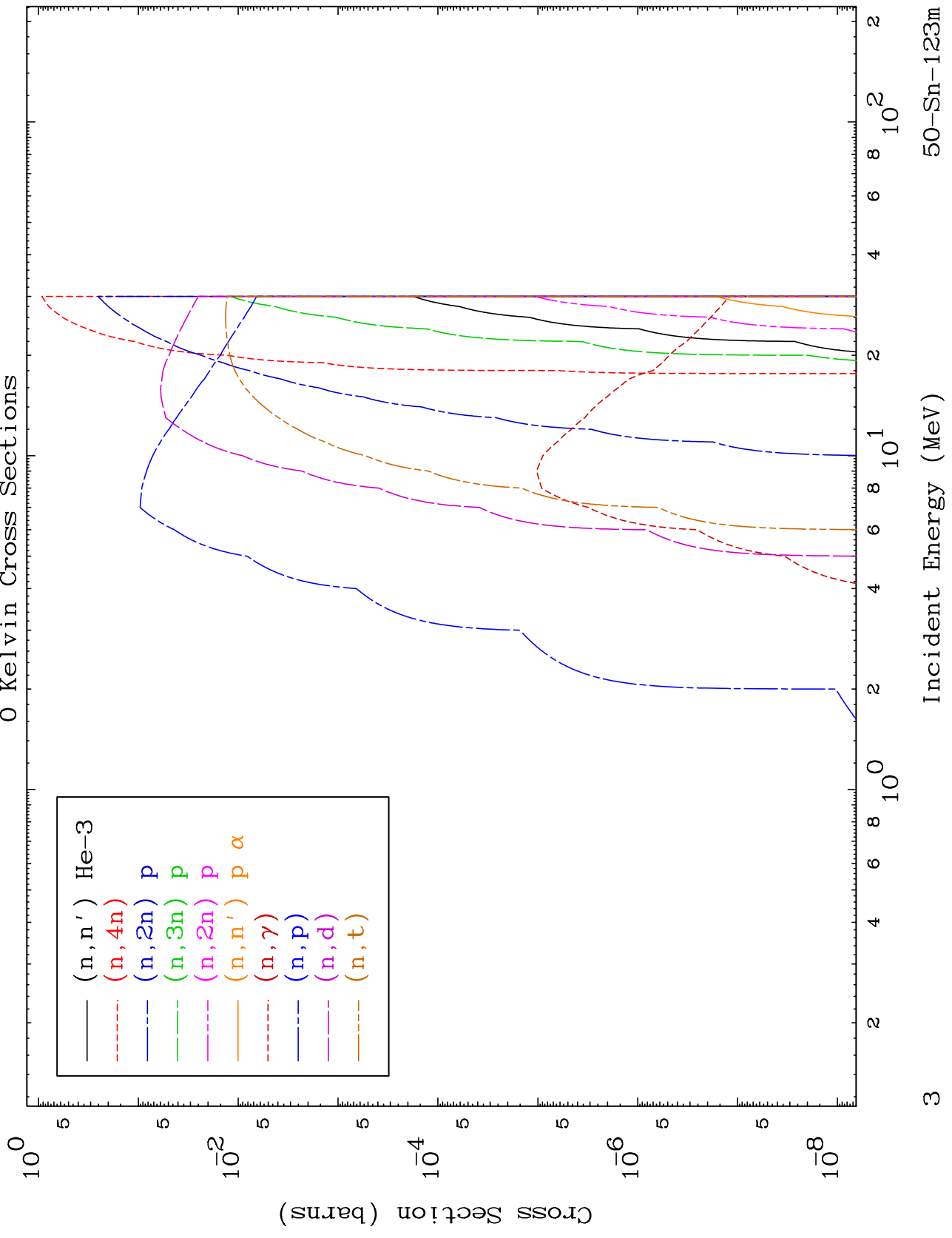
50-Sn-123m



MAT 5059

Deuteron Neutron Absorption
0 Kelvin Cross Sections

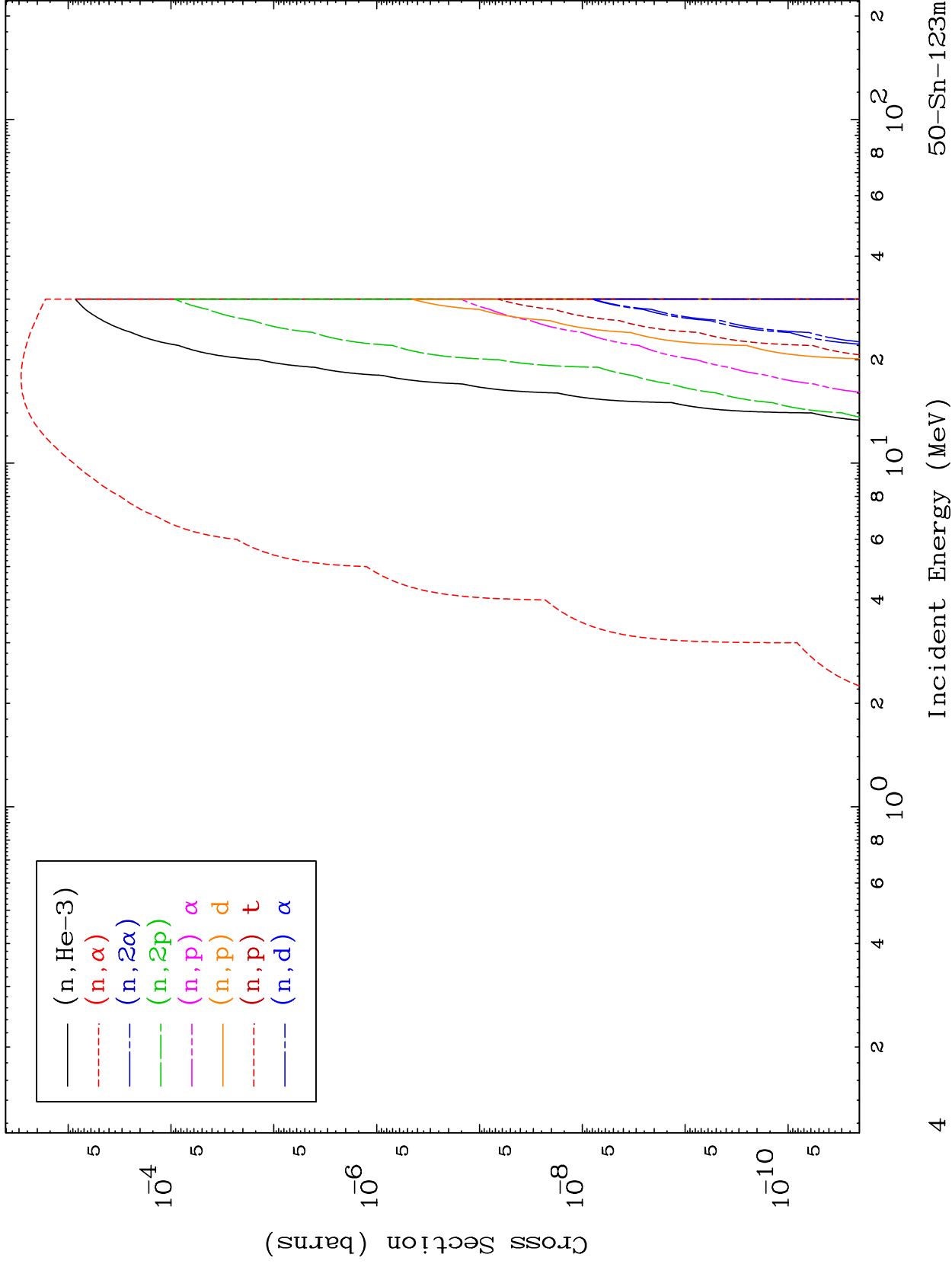
50-Sn-123m



MAT 5059

Deuteron Neutron Absorption
0 Kelvin Cross Sections

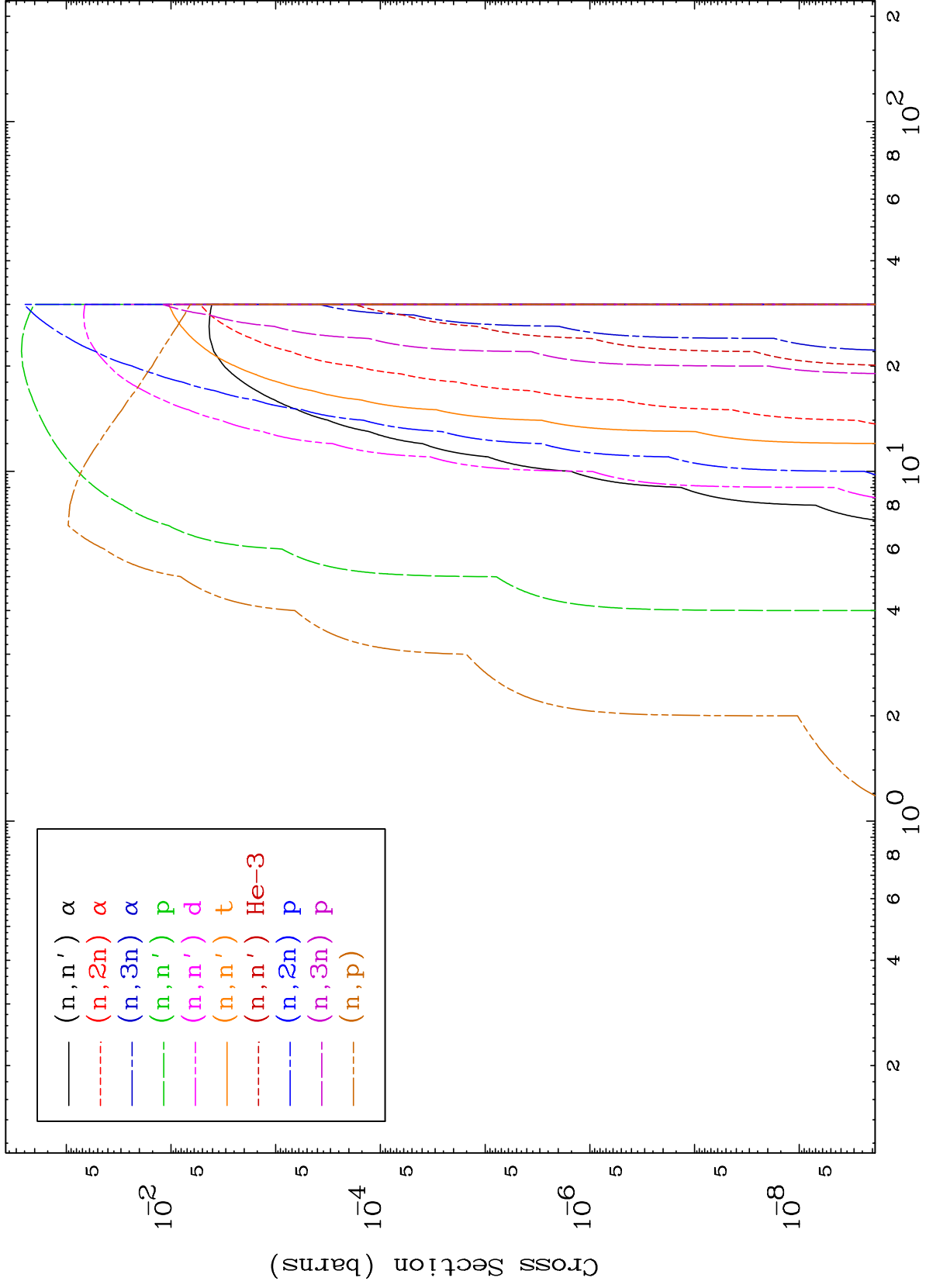
50-Sn-123m



MAT 5059

Deuteron Charged Particle
0 Kelvin Cross Sections

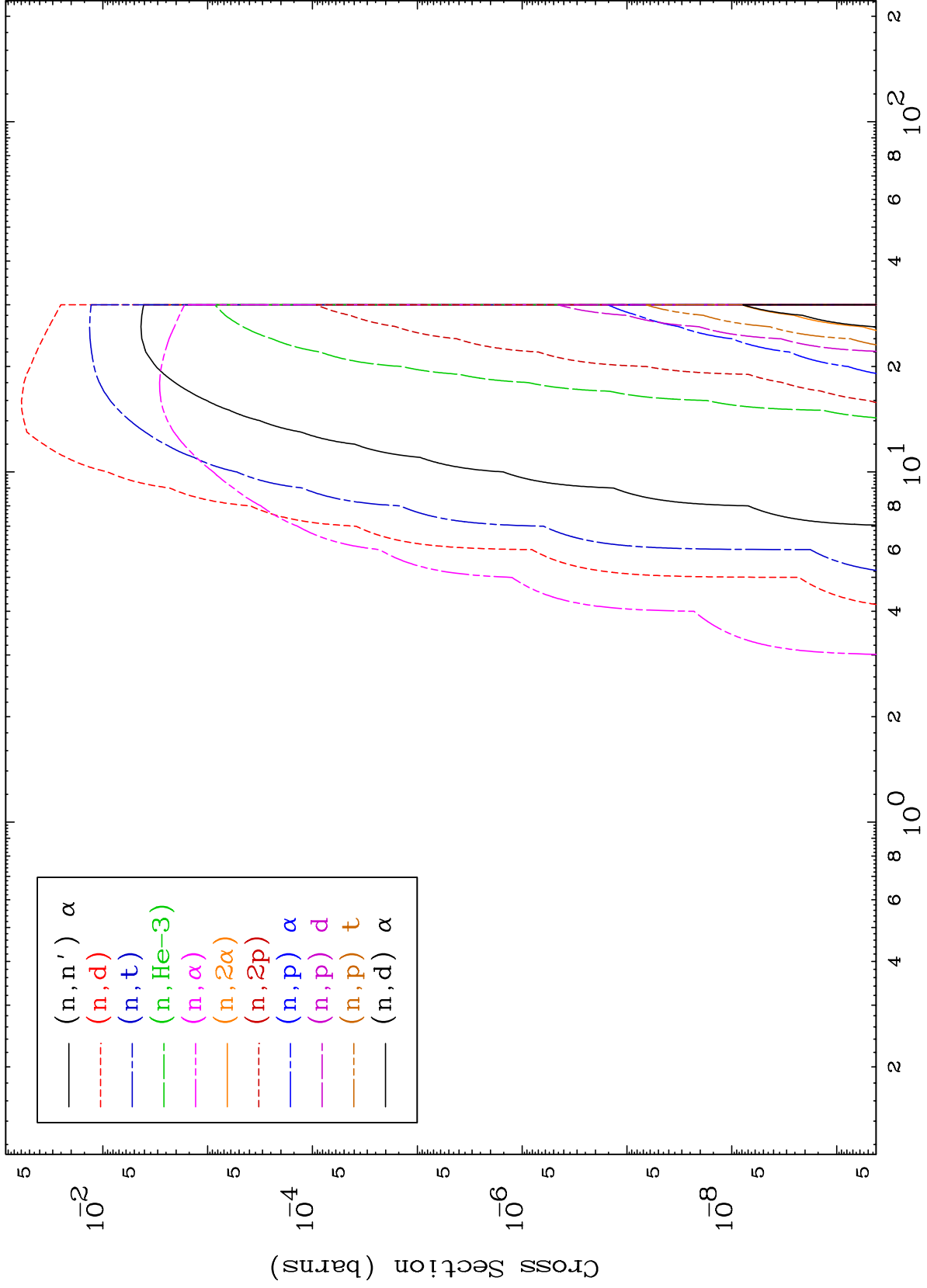
50-Sn-123m



MAT 5059

Deuteron Charged Particle
0 Kelvin Cross Sections

50-Sn-123m

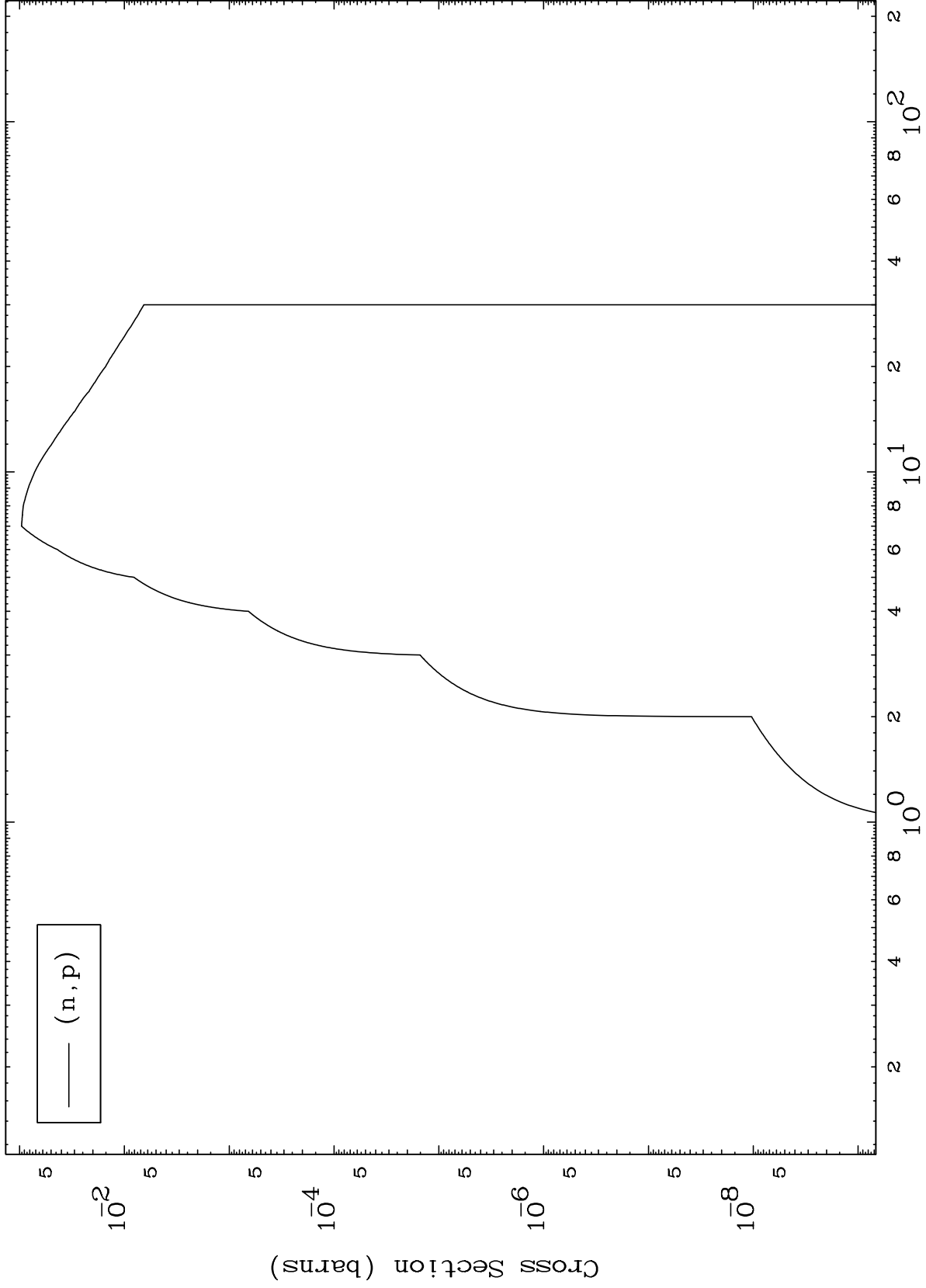


MAT 5059

(d,p) Levels

50-Sn-123m

0 Kelvin Cross Sections

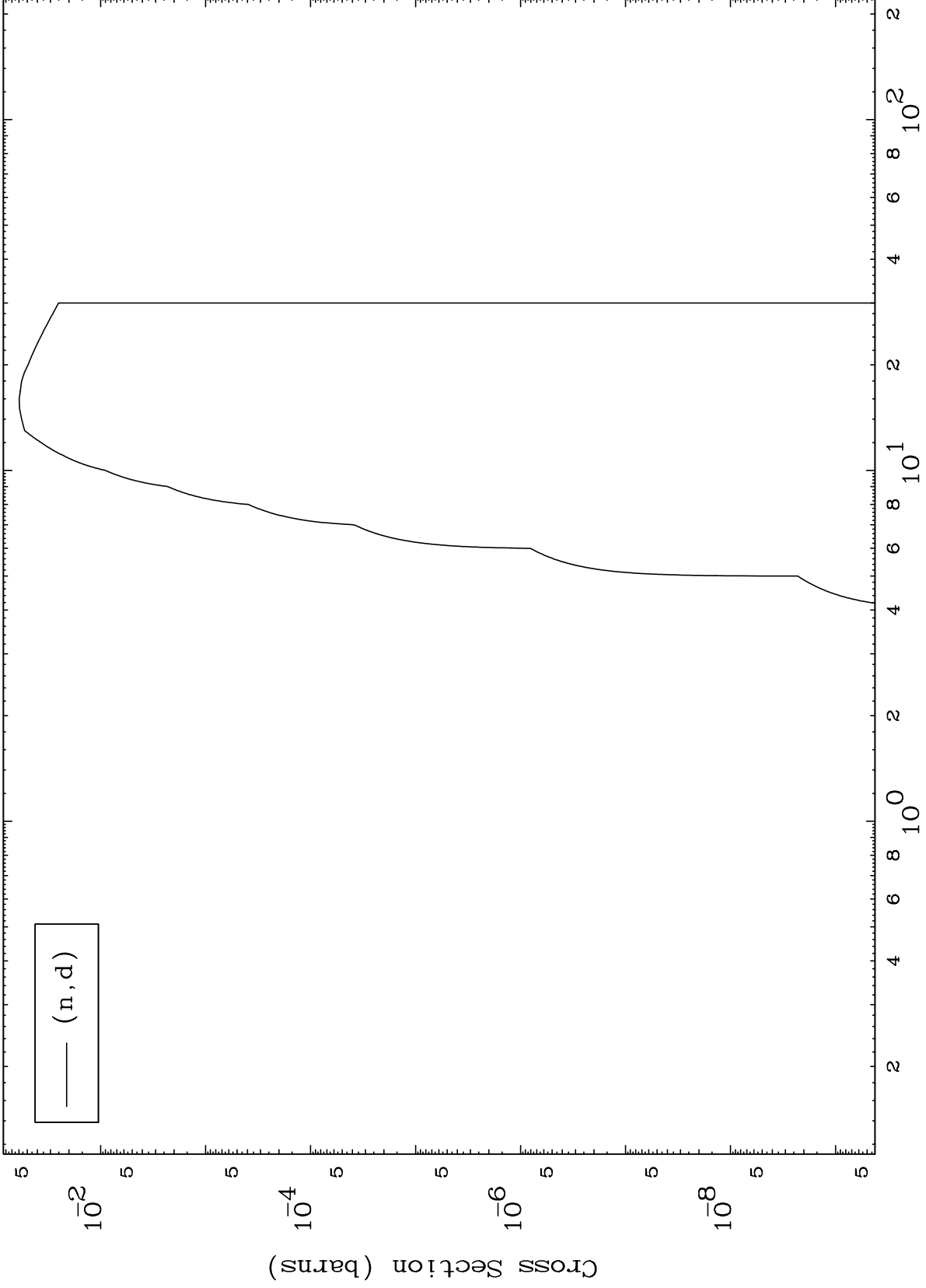


MAT 5059

(d,d) Levels

50-Sn-123m

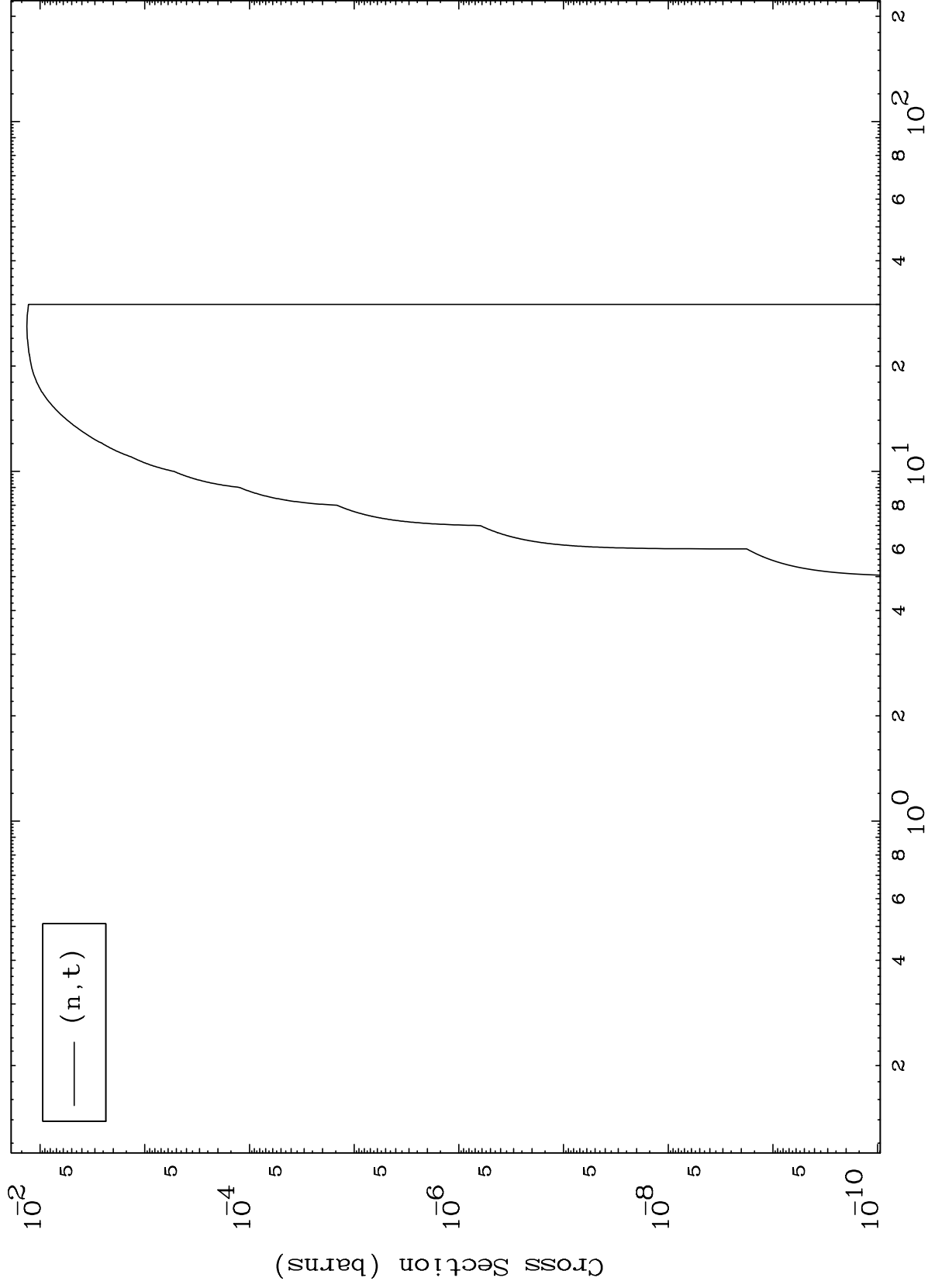
0 Kelvin Cross Sections



MAT 5059

(d, t) Levels
0 Kelvin Cross Sections

50-Sn-123m

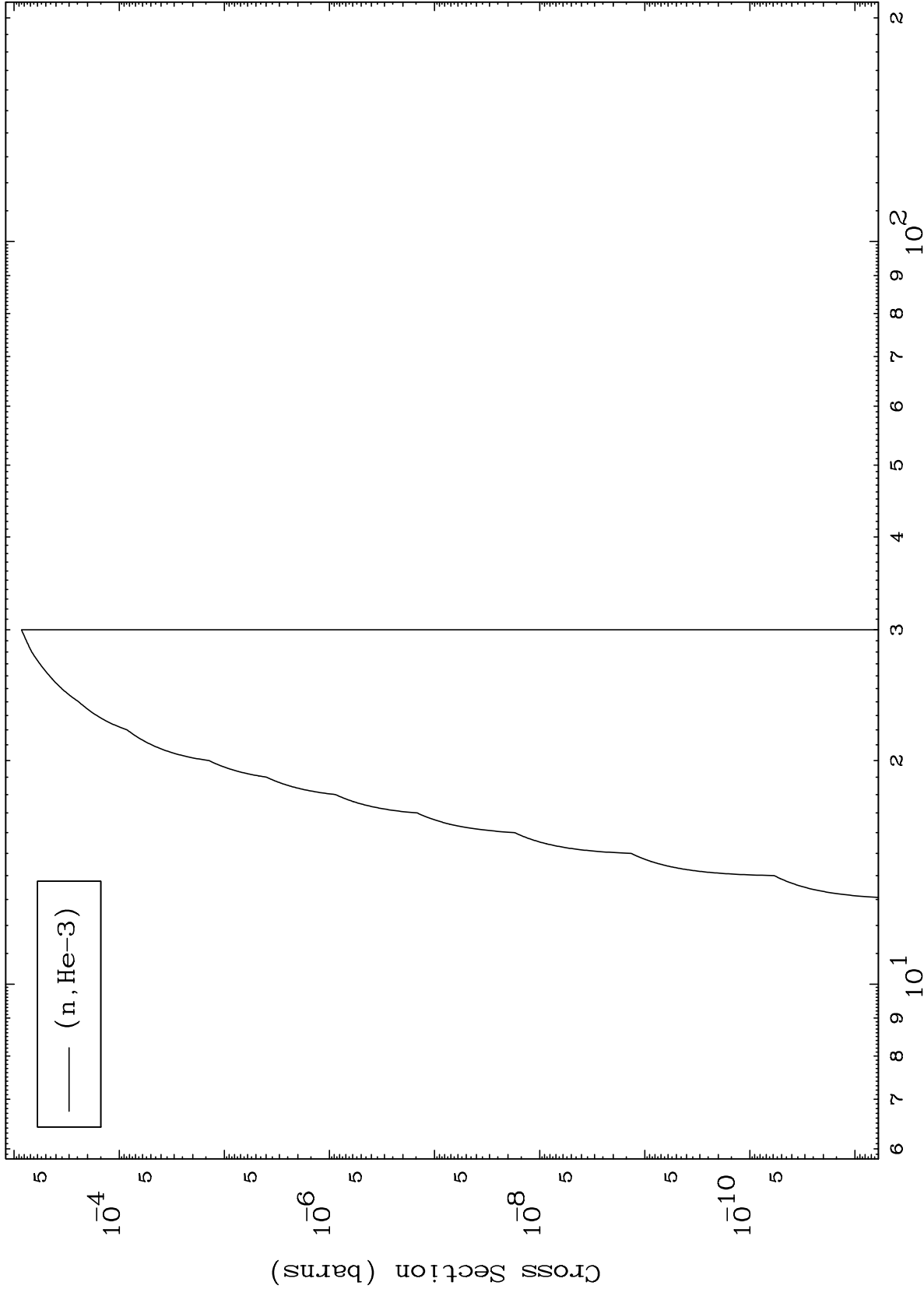


MAT 5059

(d,He3) Levels

50-Sn-123m

0 Kelvin Cross Sections



10

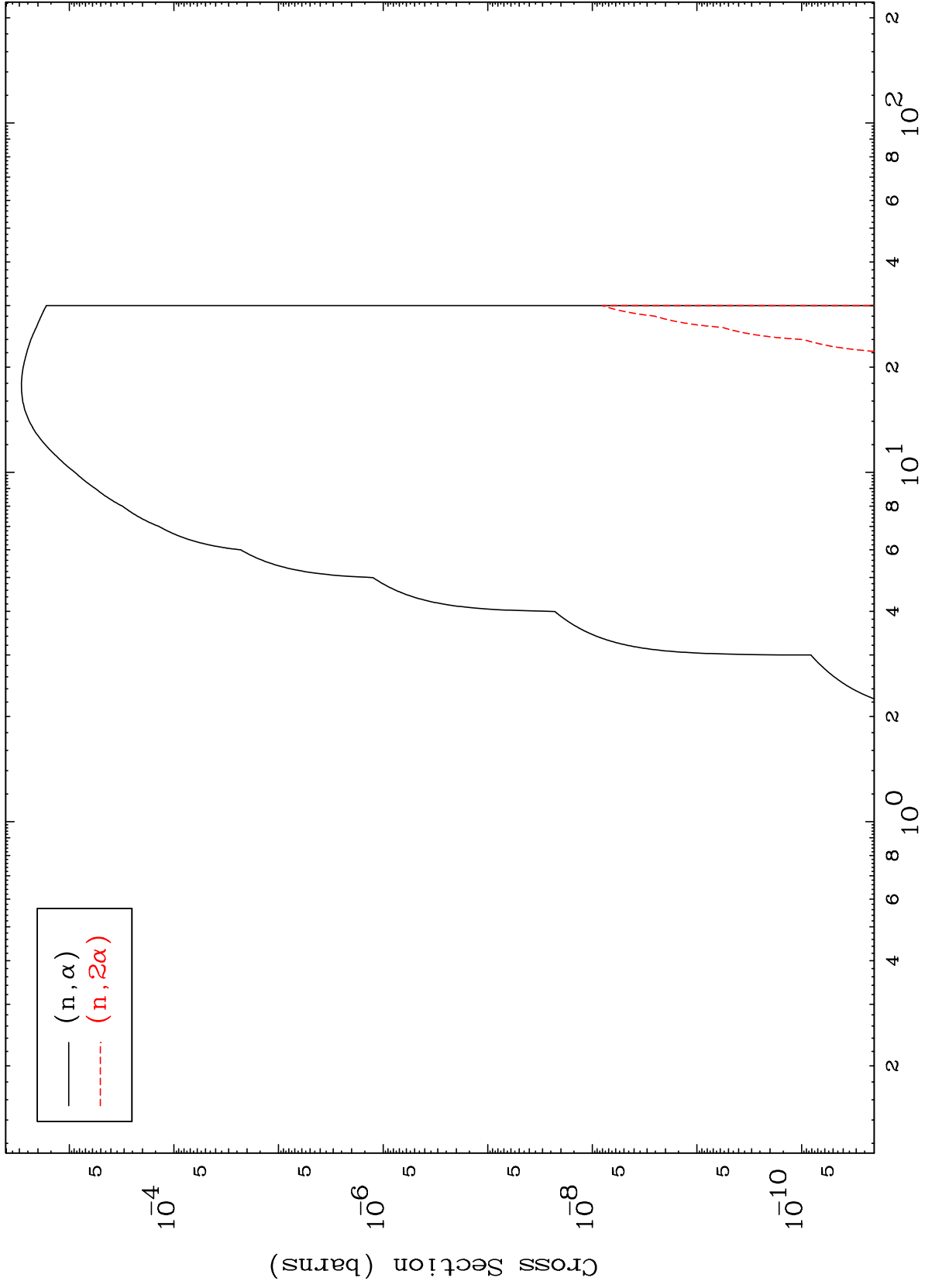
Incident Energy (MeV)

50-Sn-123m

MAT 5059

(d, α) Levels
0 Kelvin Cross Sections

50-Sn-123m

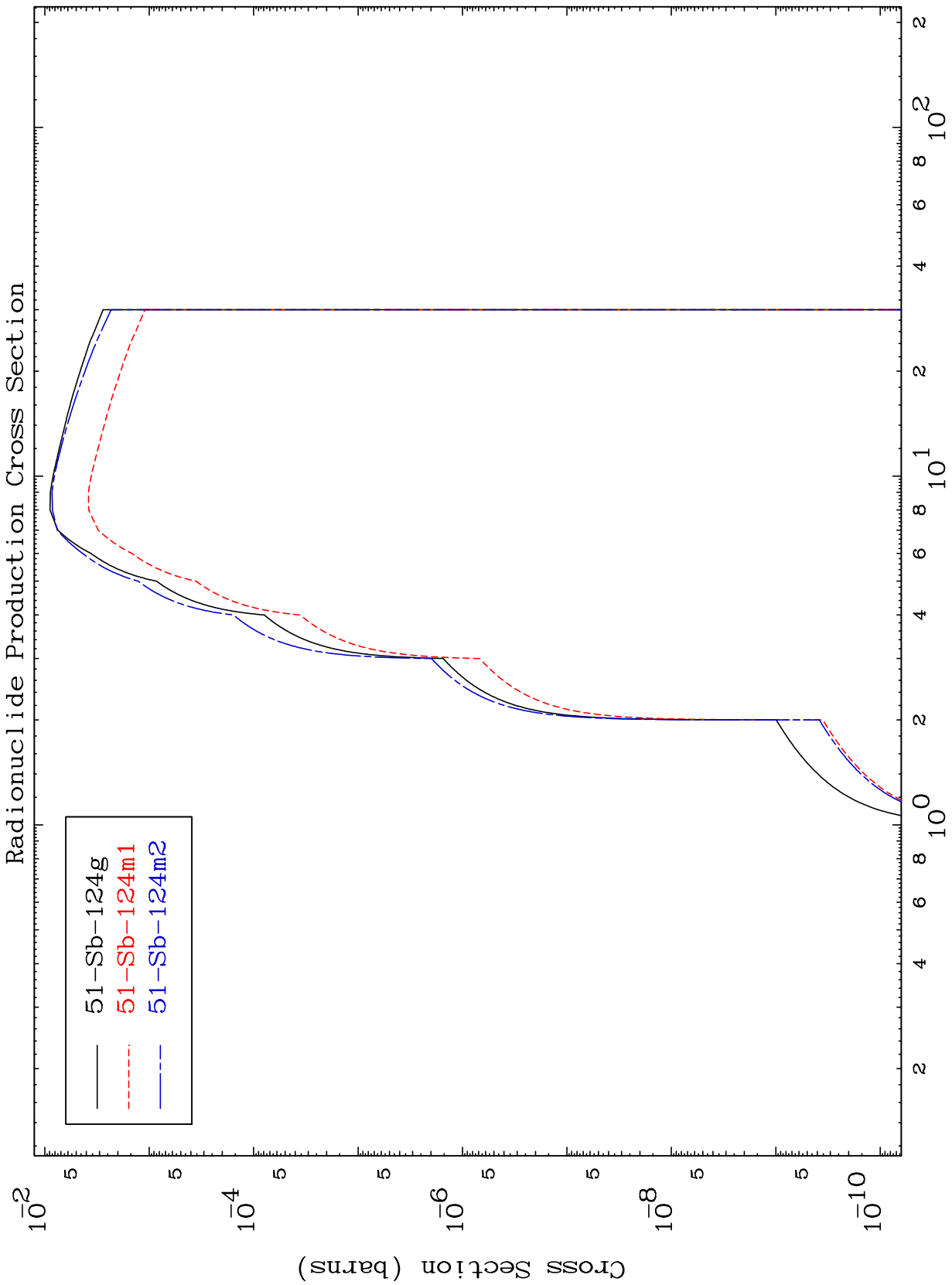


50-Sn-123m

MAT 5059

50-Sn-123m

Inelastic
Radionuclide Production Cross Section



50-Sn-123m

Incident Energy (MeV)

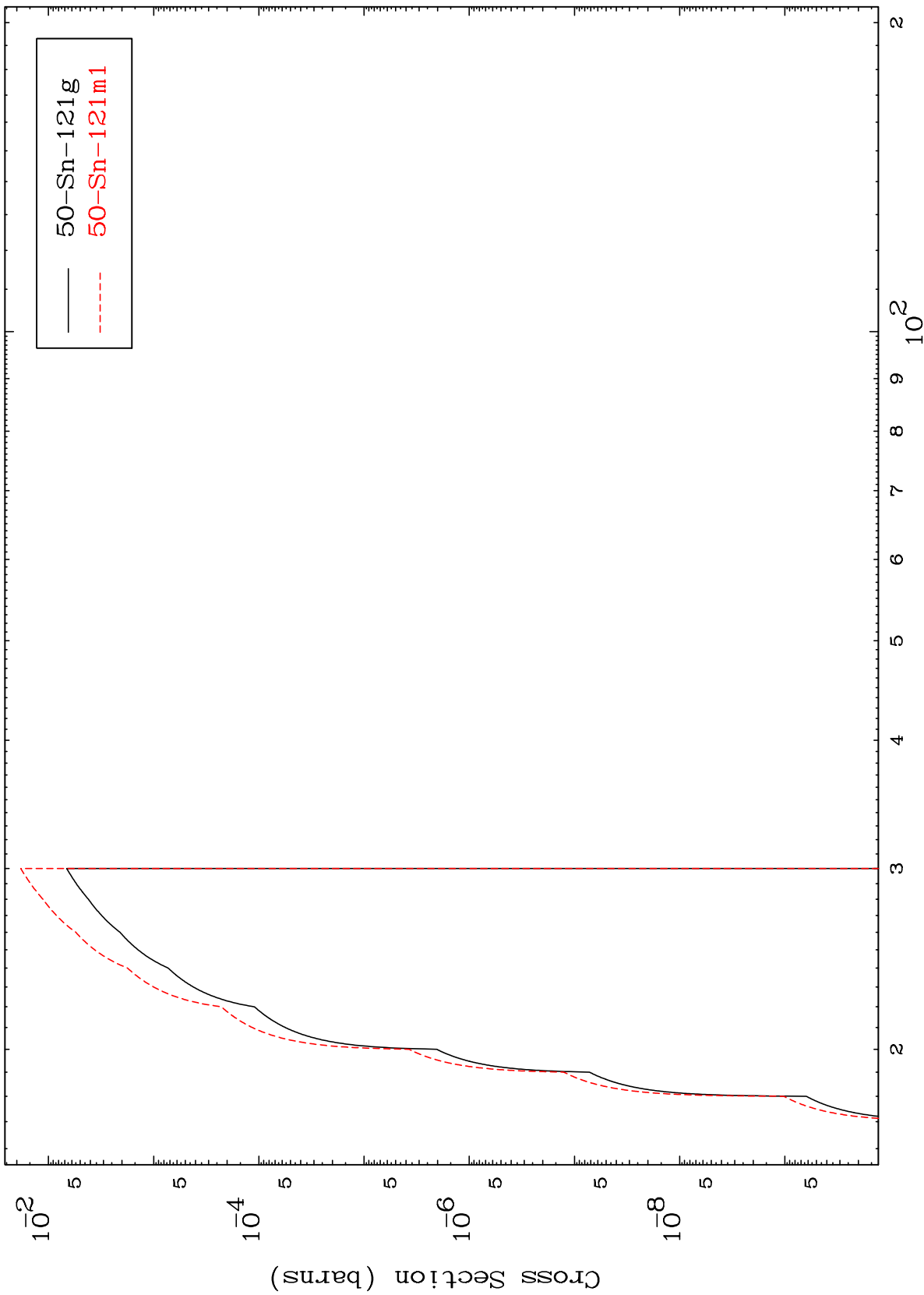
12

MAT 5059

(n,2n) d

50-Sn-123m

Radionuclide Production Cross Section



13

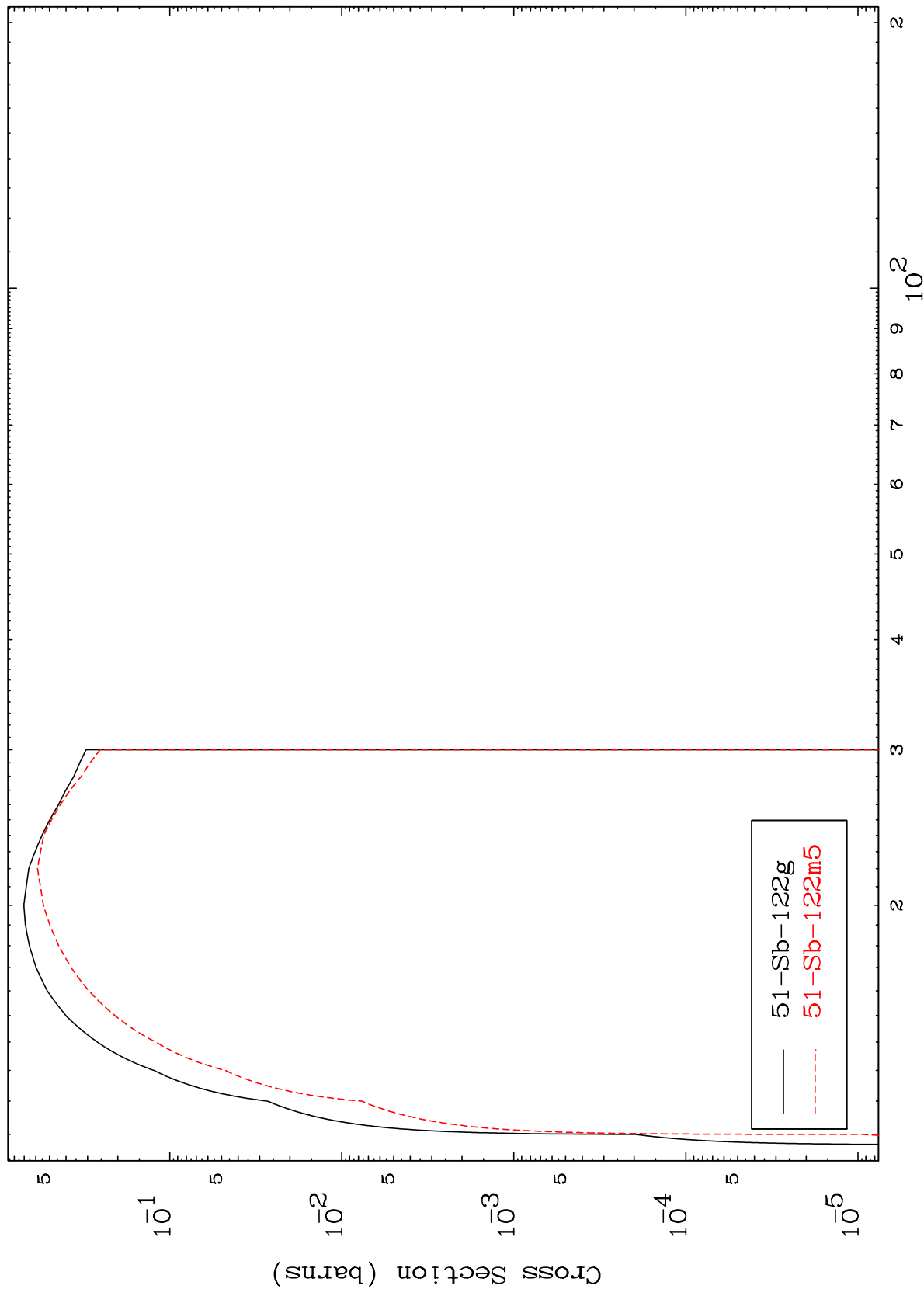
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

(n,3n)
Radionuclide Production Cross Section



50-Sn-123m

Incident Energy (MeV)

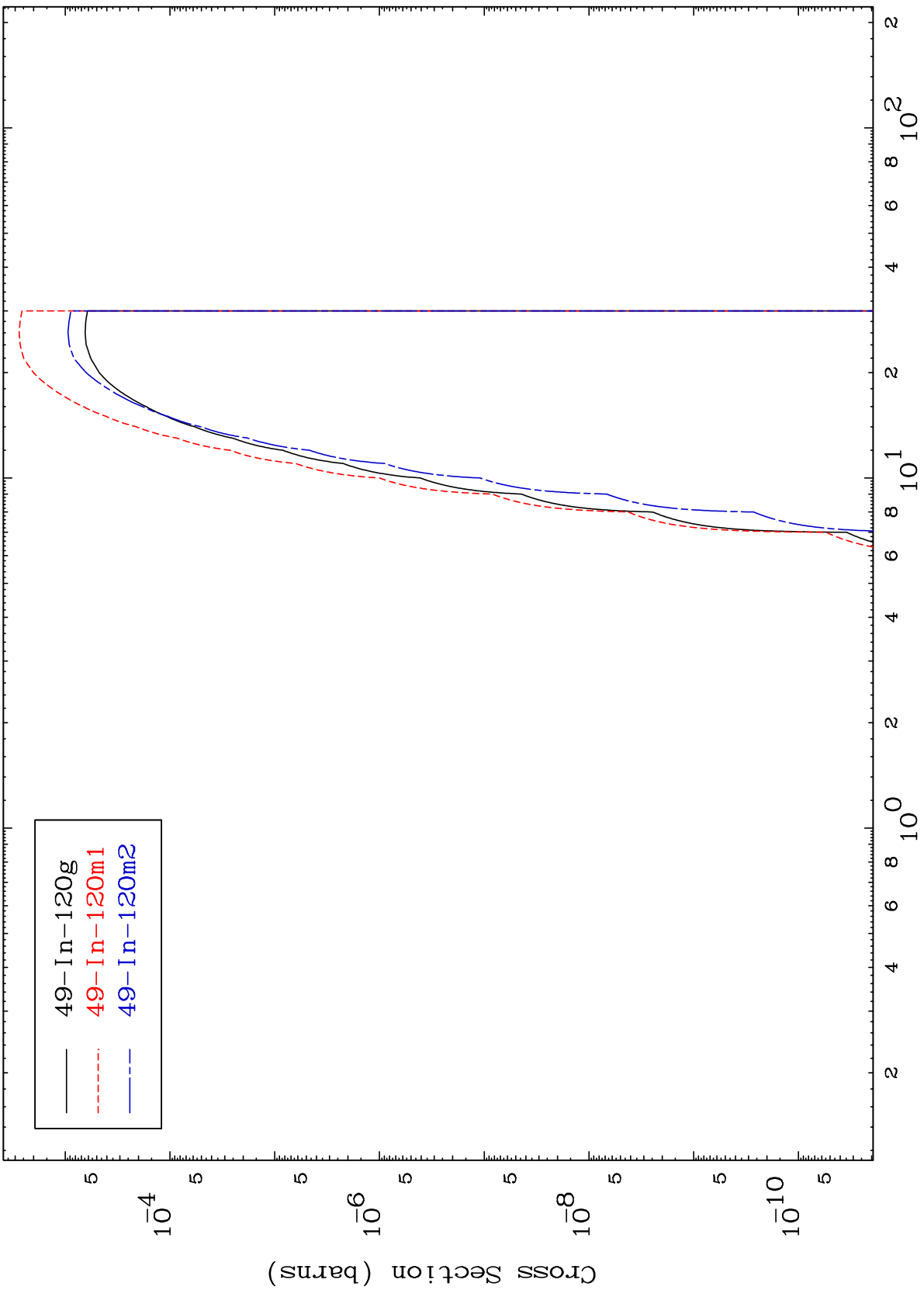
14

MAT 5059

$(n, n') \alpha$

50-Sn-123m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

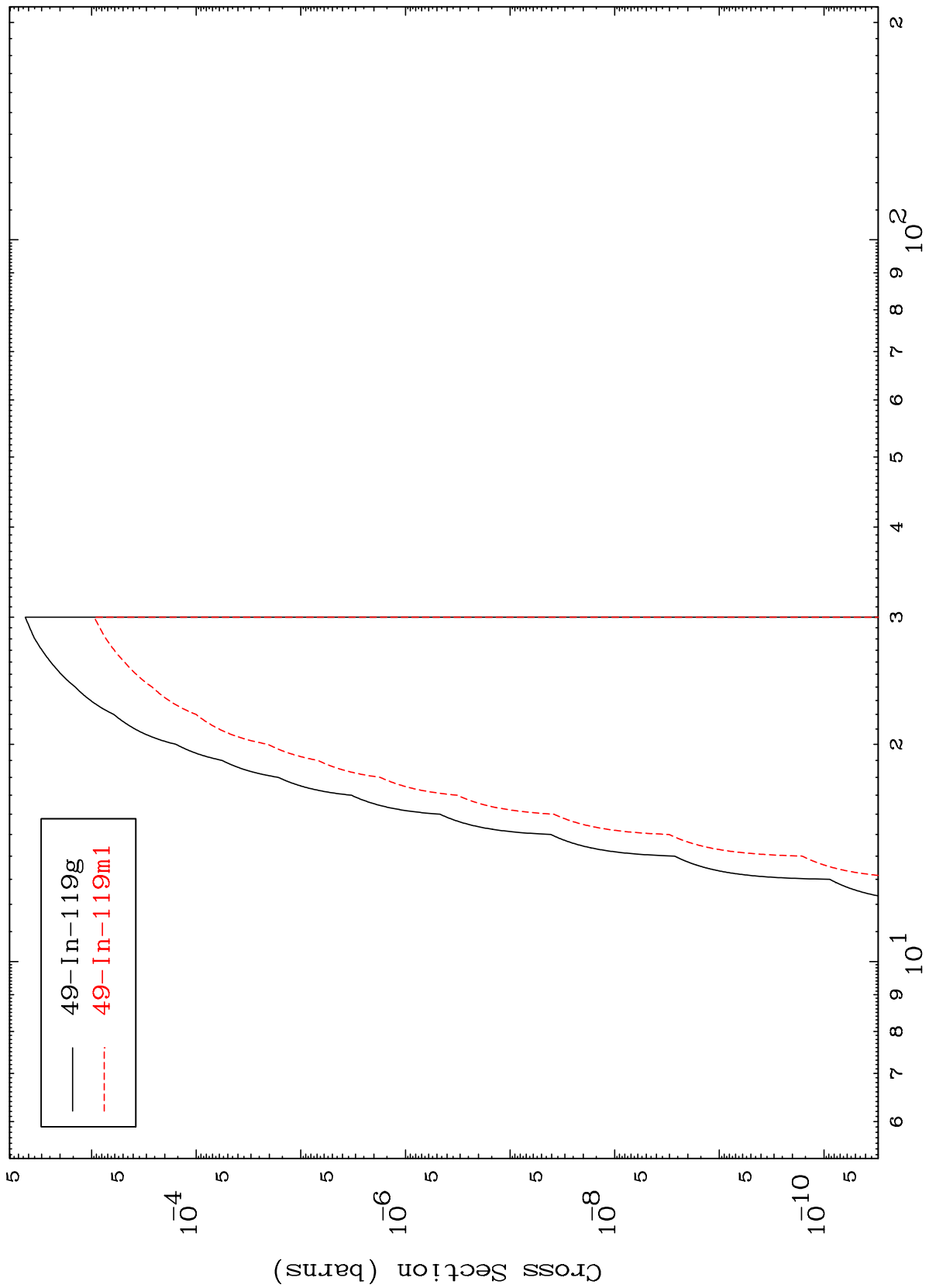
50-Sn-123m

MAT 5059

(n,2n) α

50-Sn-123m

Radionuclide Production Cross Section



49-In-119g
49-In-119m1

16

Incident Energy (MeV)

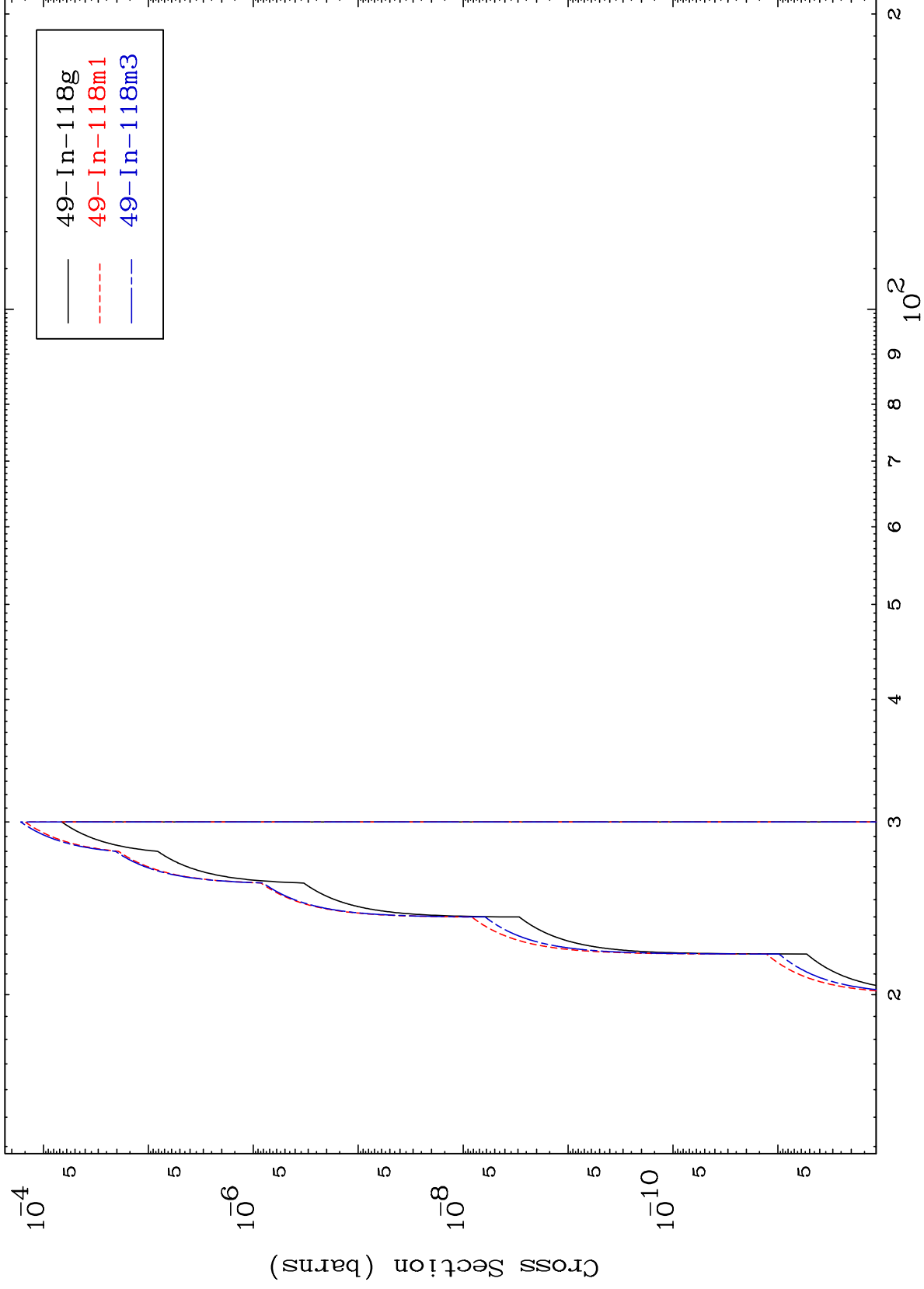
50-Sn-123m

MAT 5059

(n,3n) α

50-Sn-123m

Radionuclide Production Cross Section



17

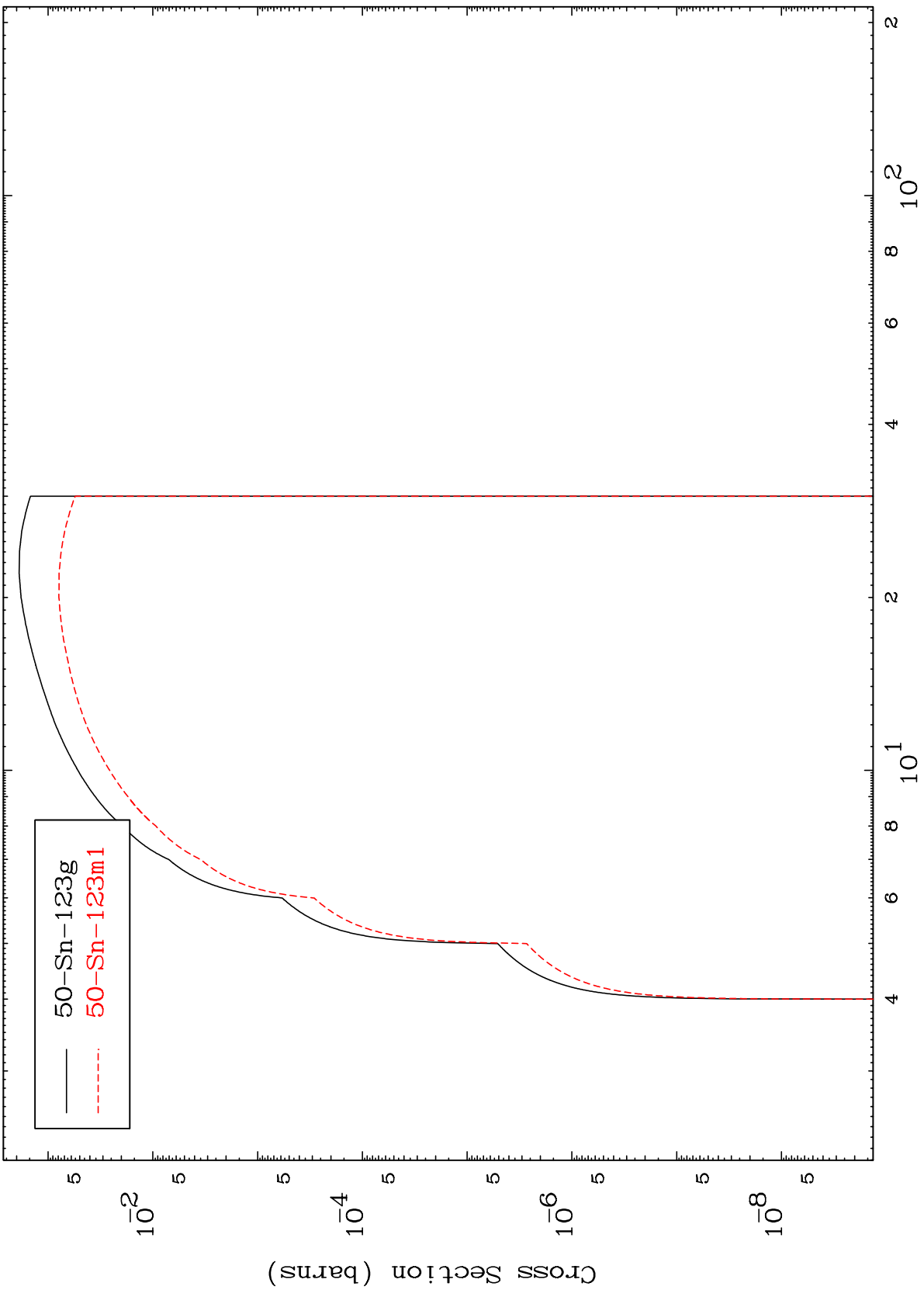
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

(n,n') p
Radionuclide Production Cross Section

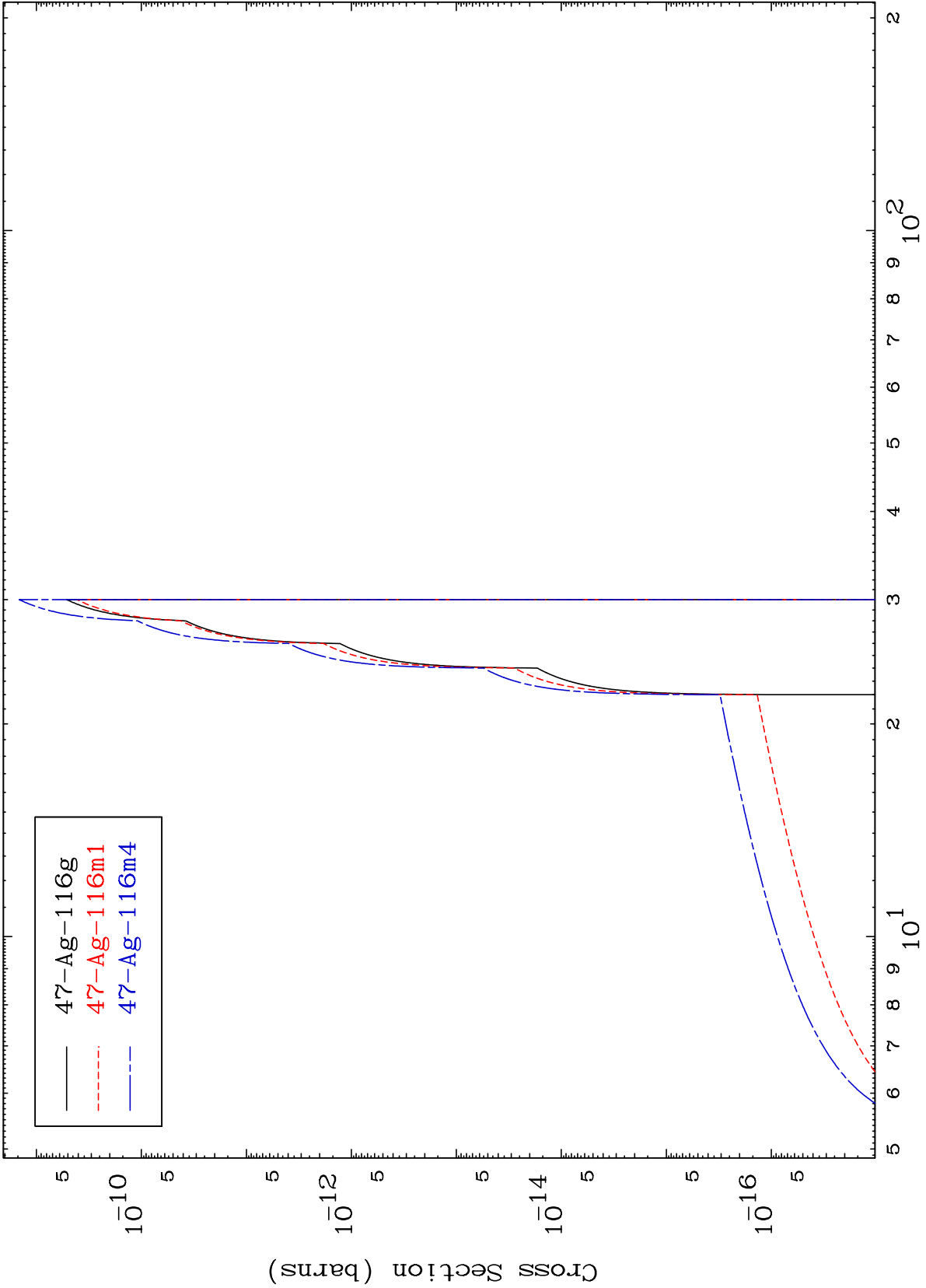


MAT 5059

(n,n') 2α

50-Sn-123m

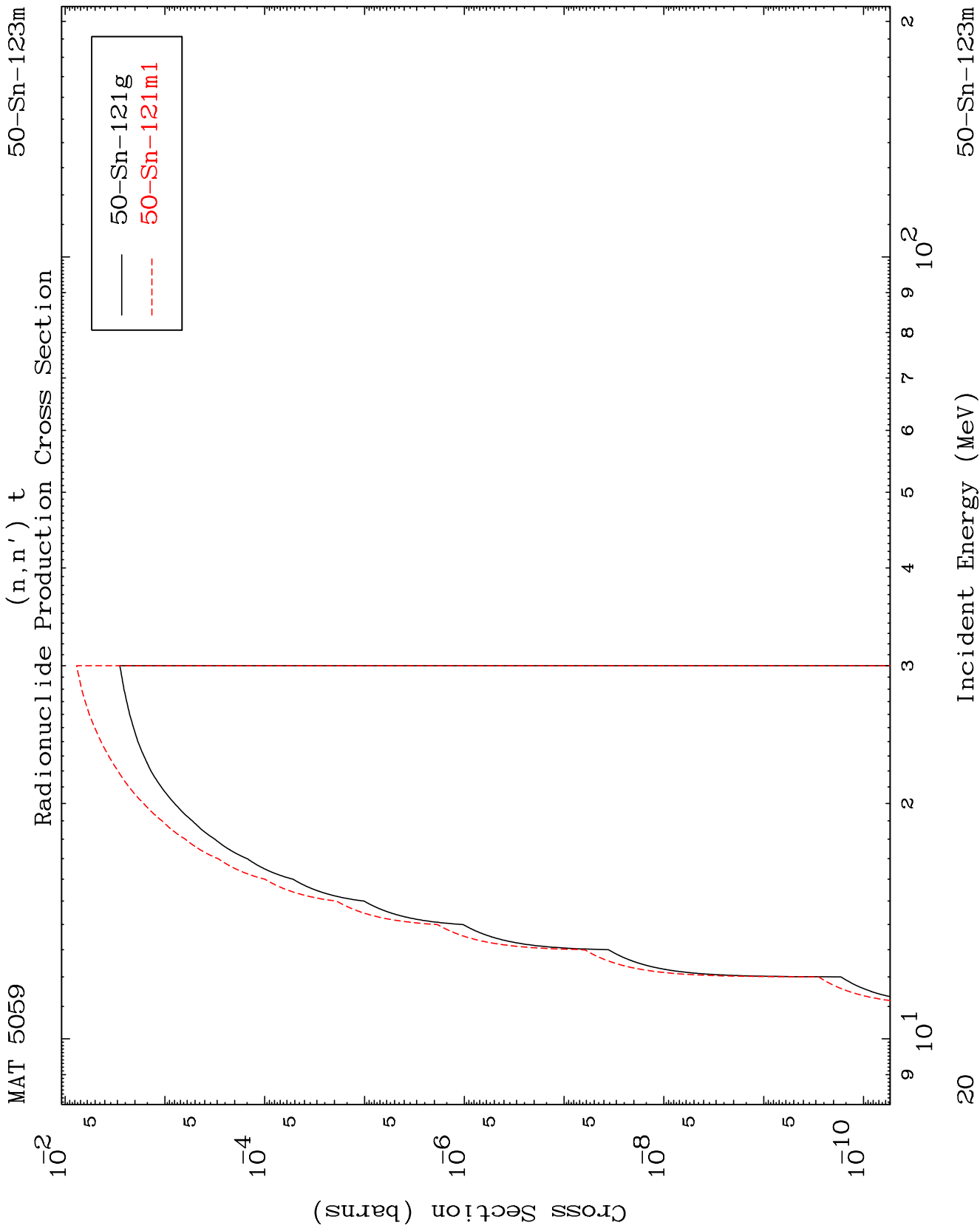
Radionuclide Production Cross Section



19

Incident Energy (MeV)

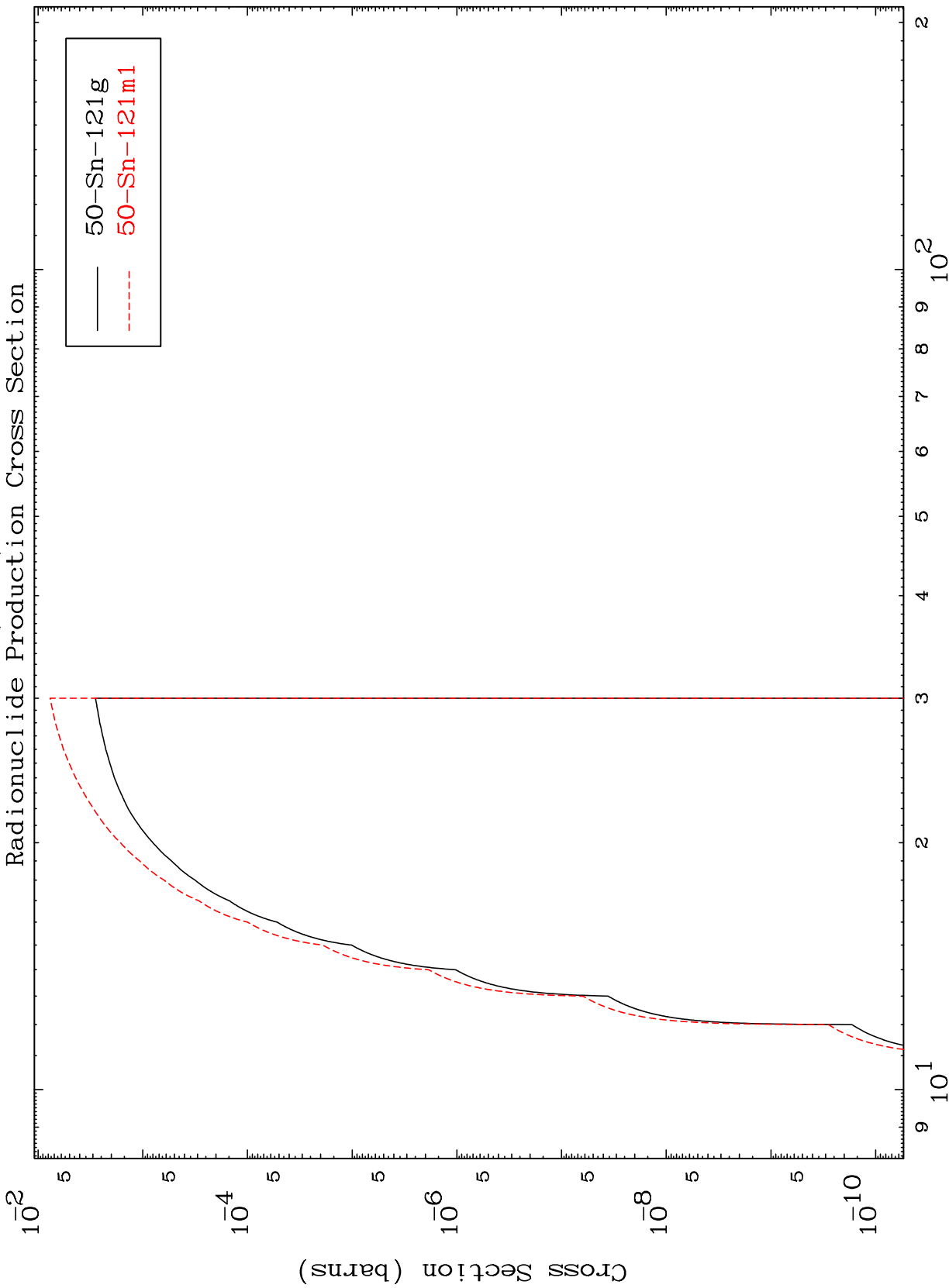
50-Sn-123m



MAT 5059

(n,n') t

50-Sn-123m



20

Incident Energy (MeV)

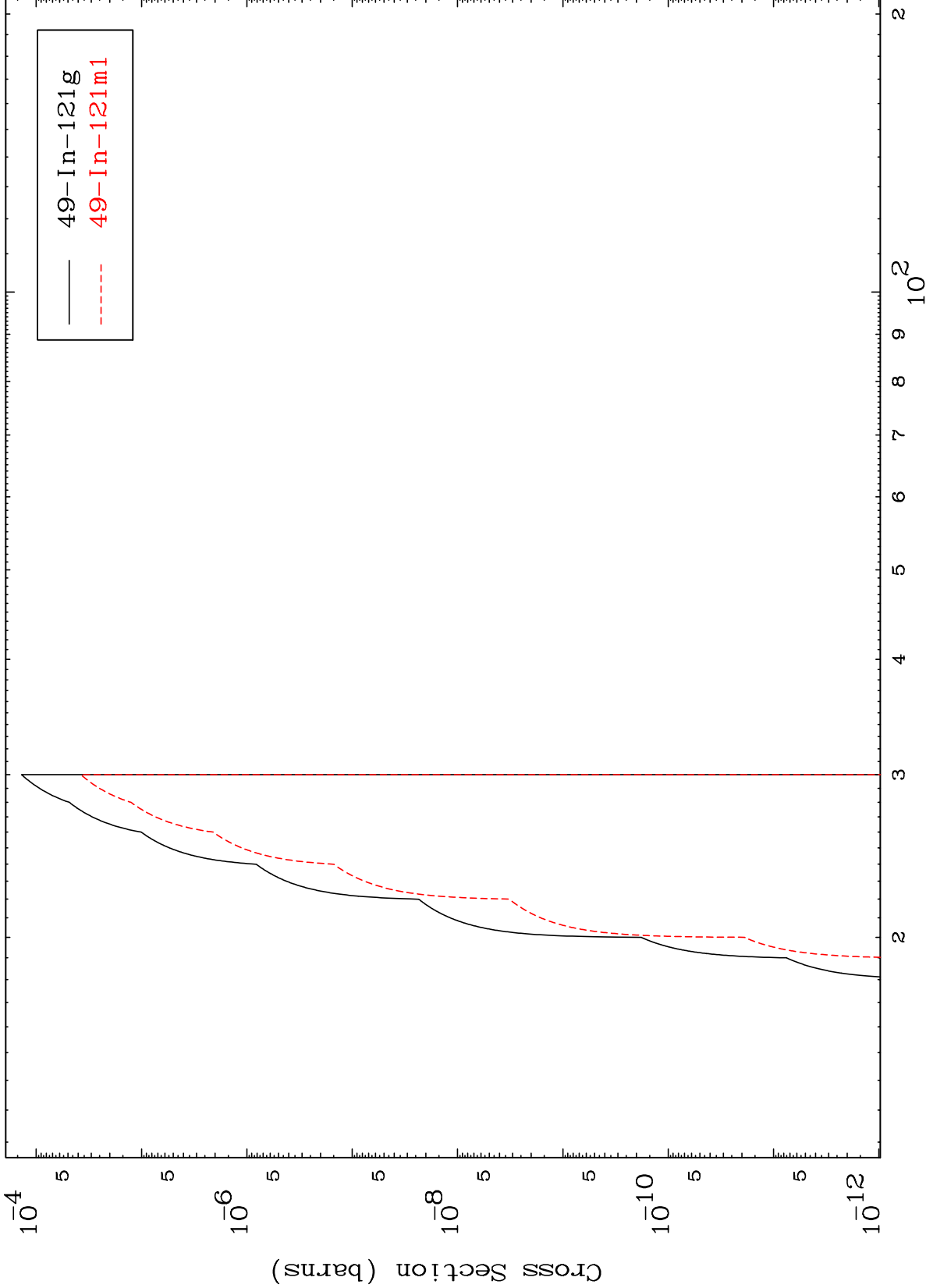
50-Sn-123m

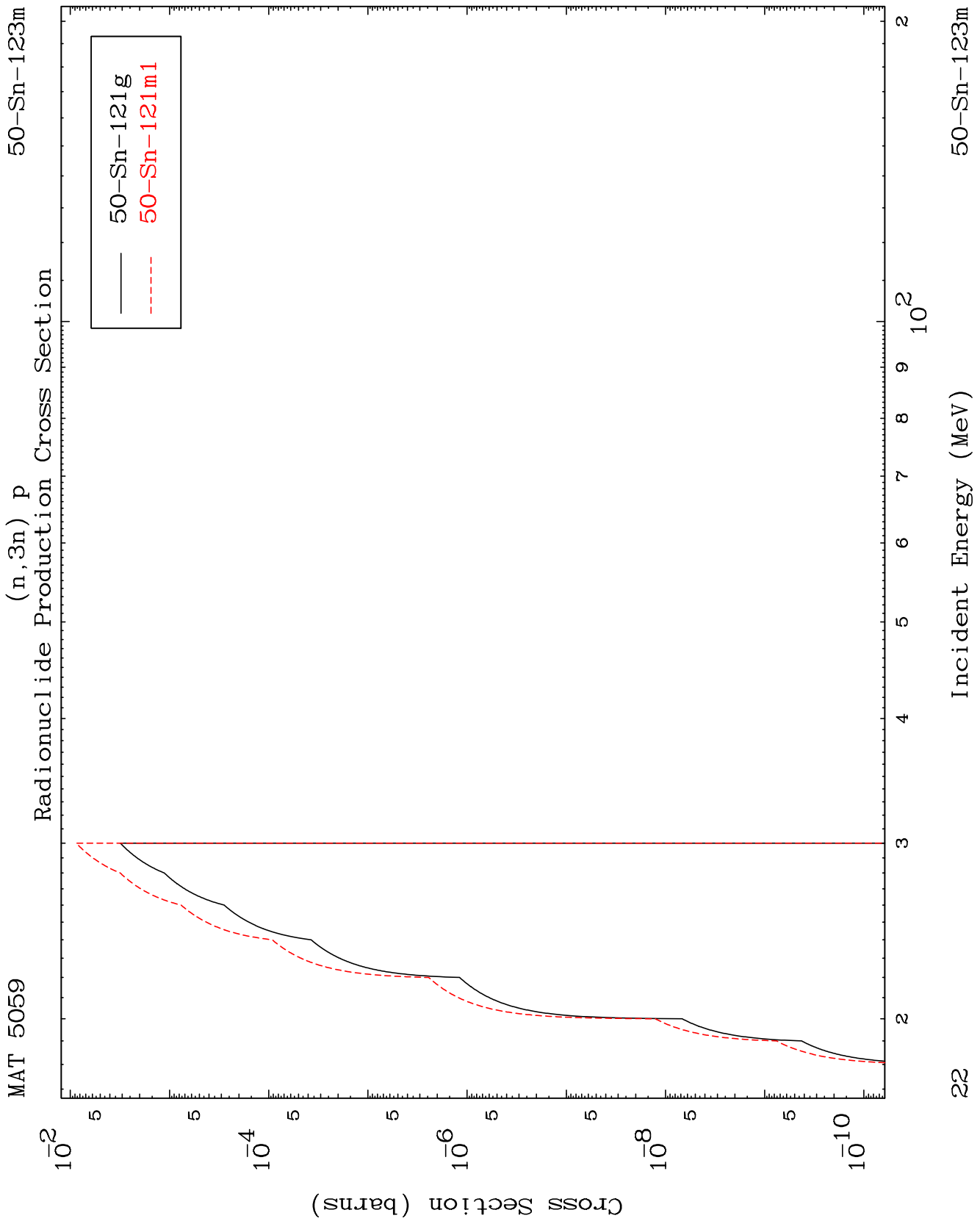
MAT 5059

(n,n') He-3

50-Sn-123m

Radionuclide Production Cross Section



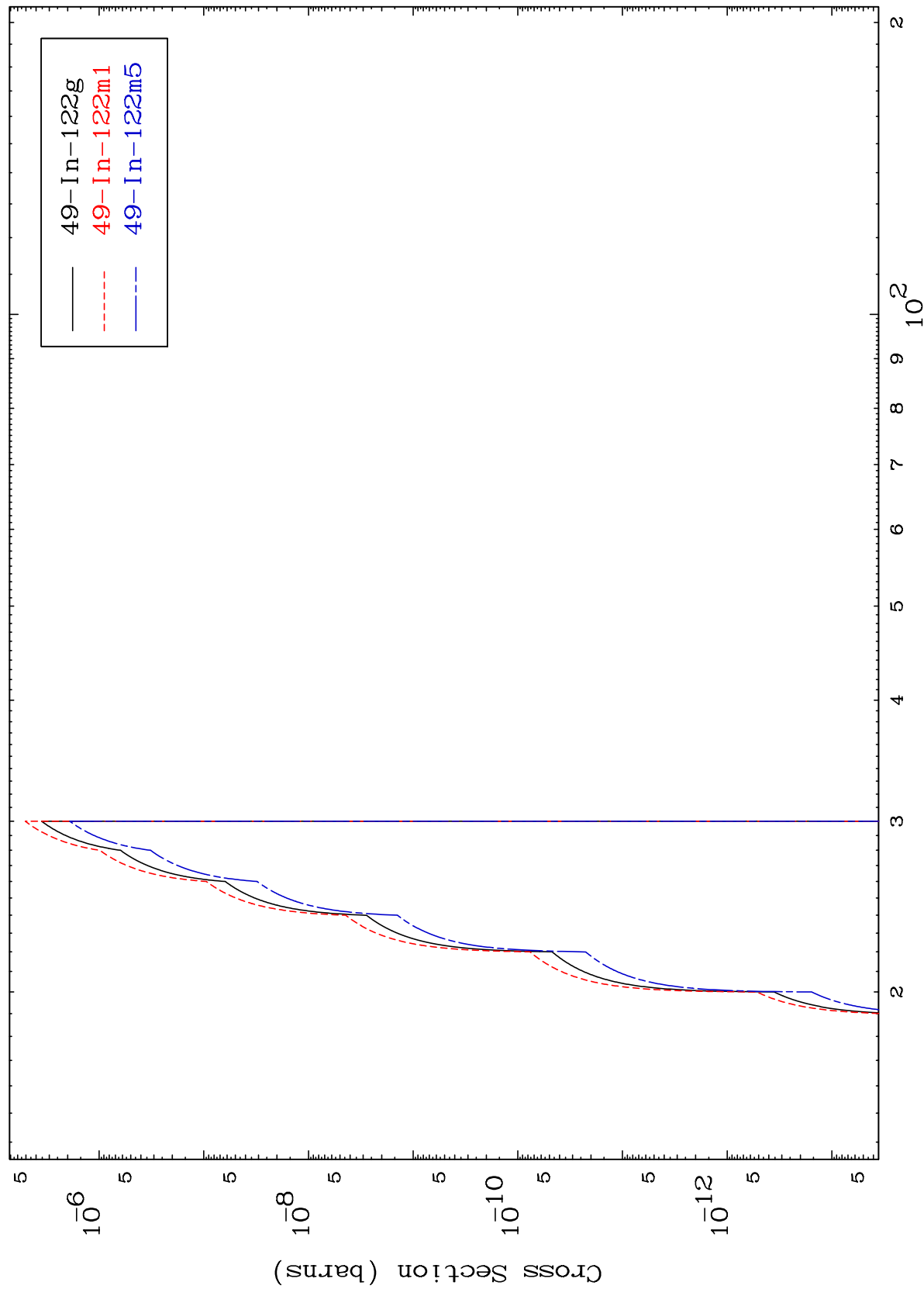


MAT 5059

(n,2n) p

50-Sn-123m

Radionuclide Production Cross Section

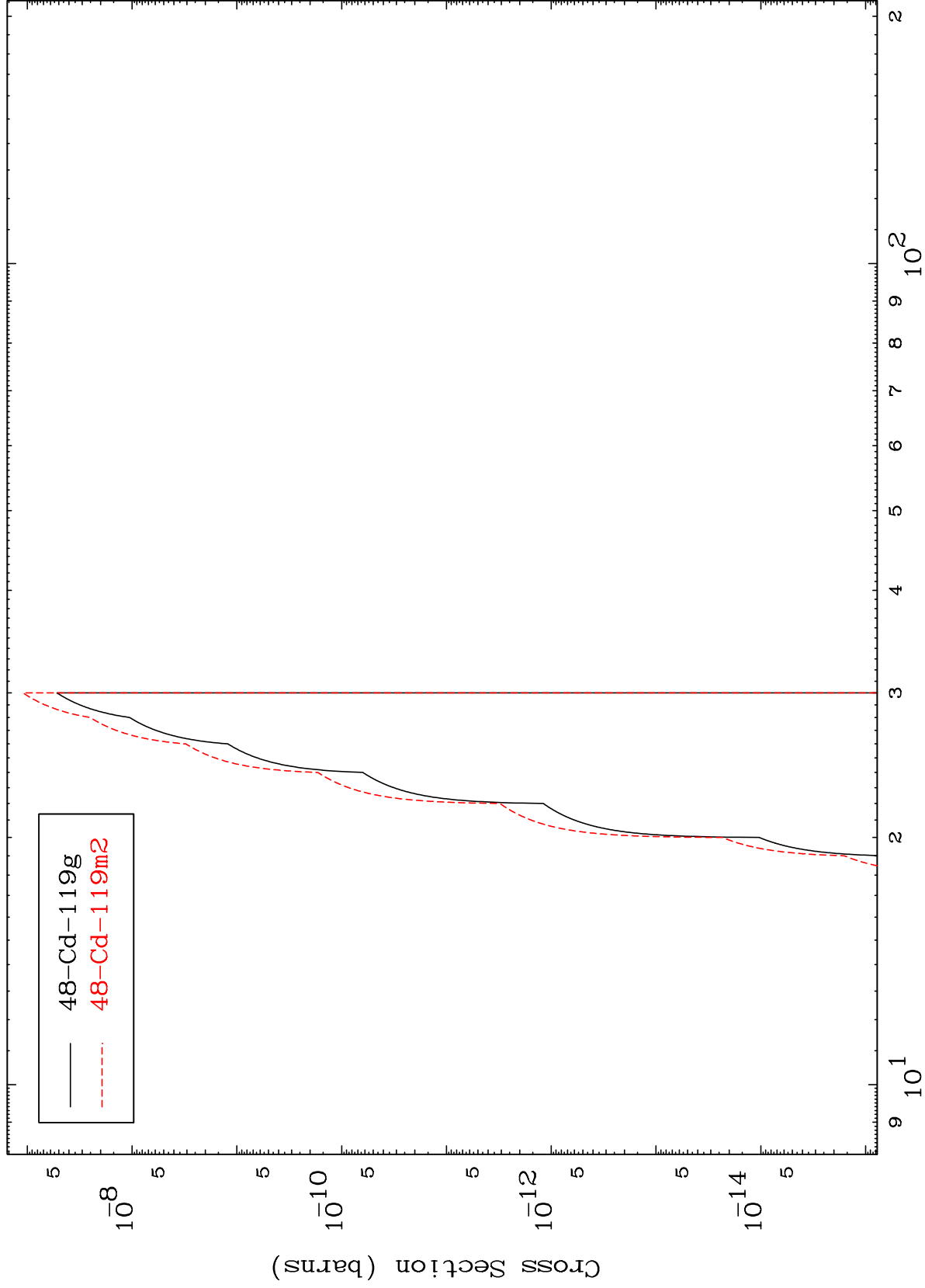


MAT 5059

(n,n') p α

50-Sn-123m

Radionuclide Production Cross Section

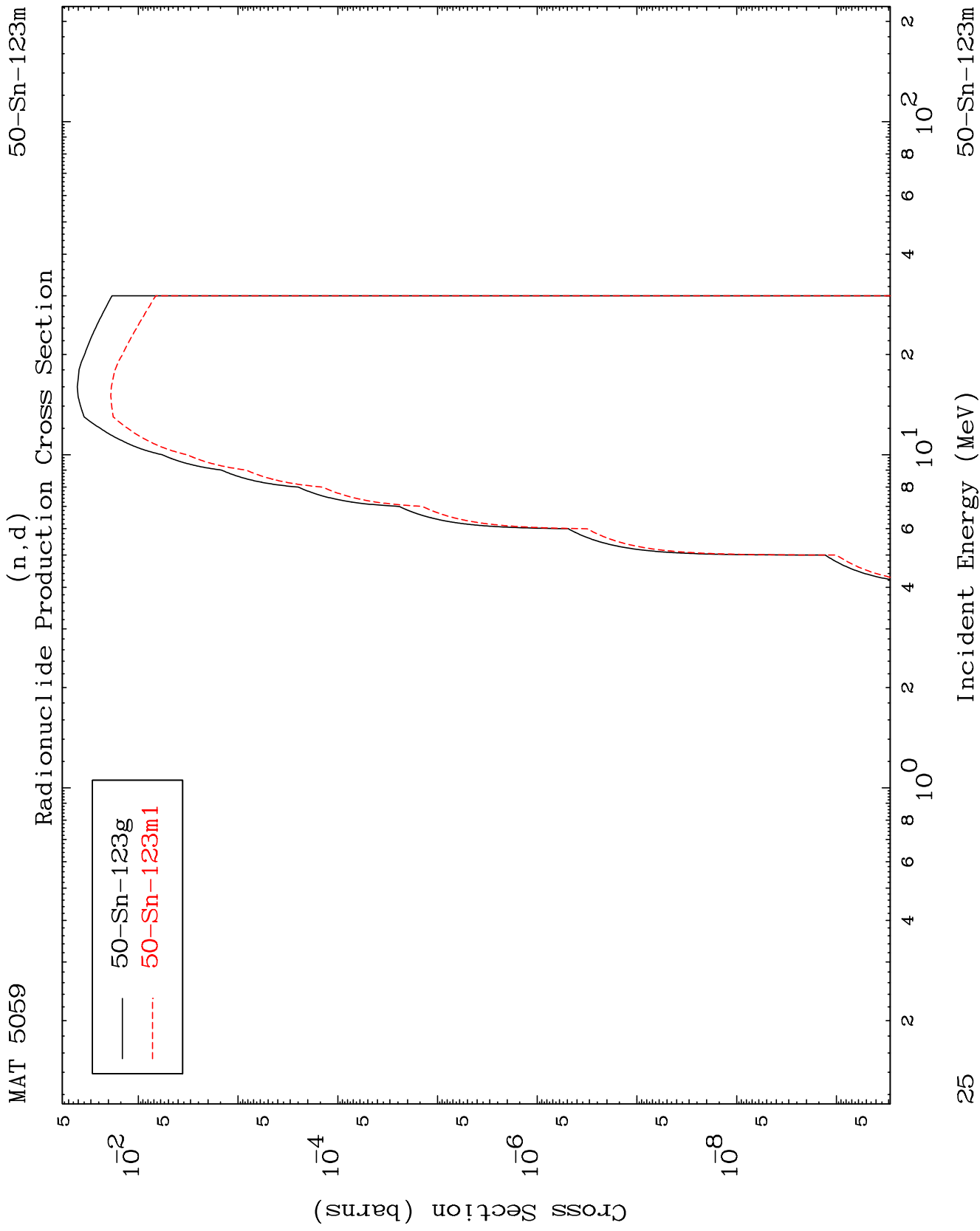


24

Incident Energy (MeV)

50-Sn-123m

MAT 5059

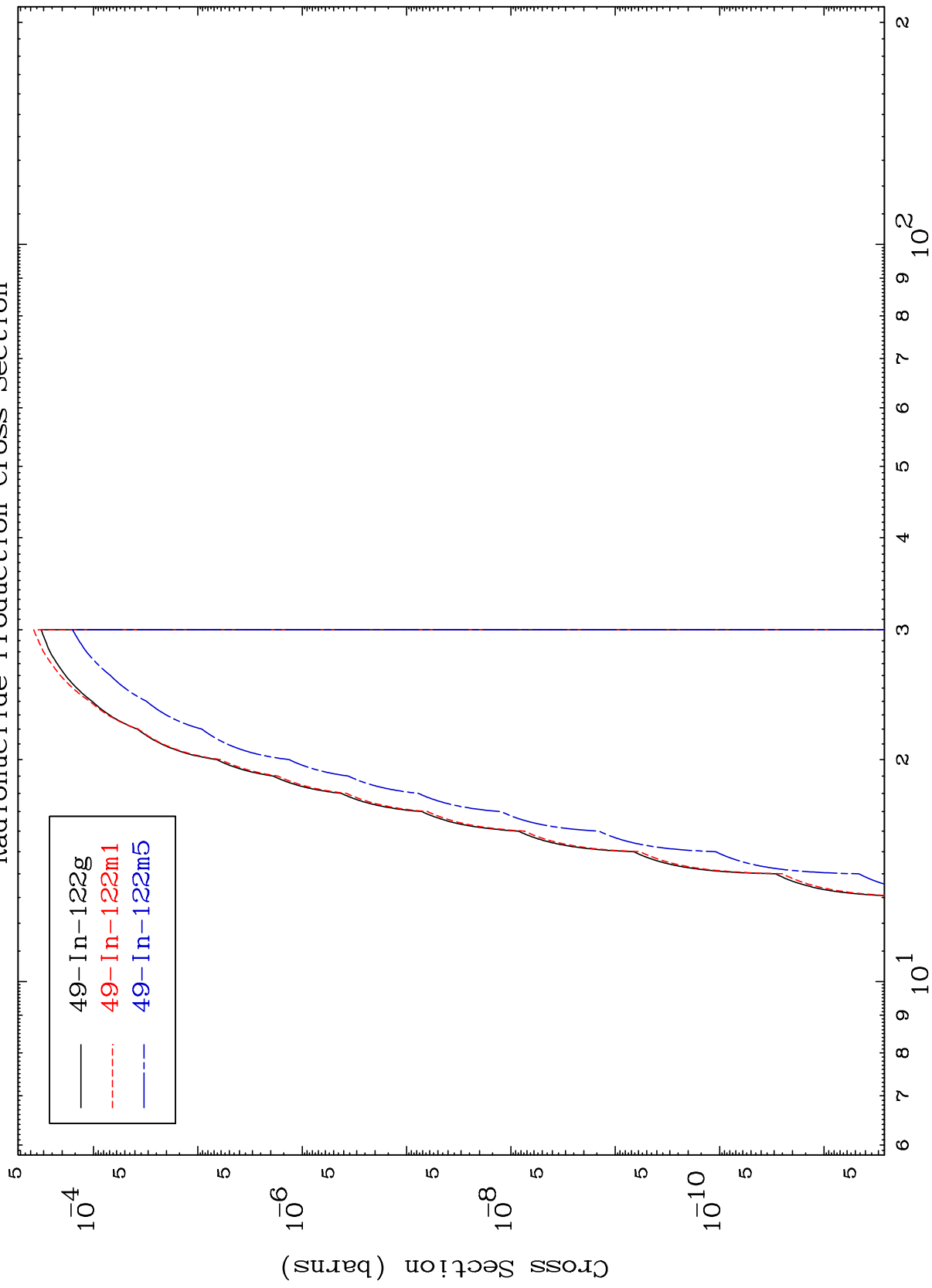


25

MAT 5059

50-Sn-123m

(n,He-3)
Radionuclide Production Cross Section



26

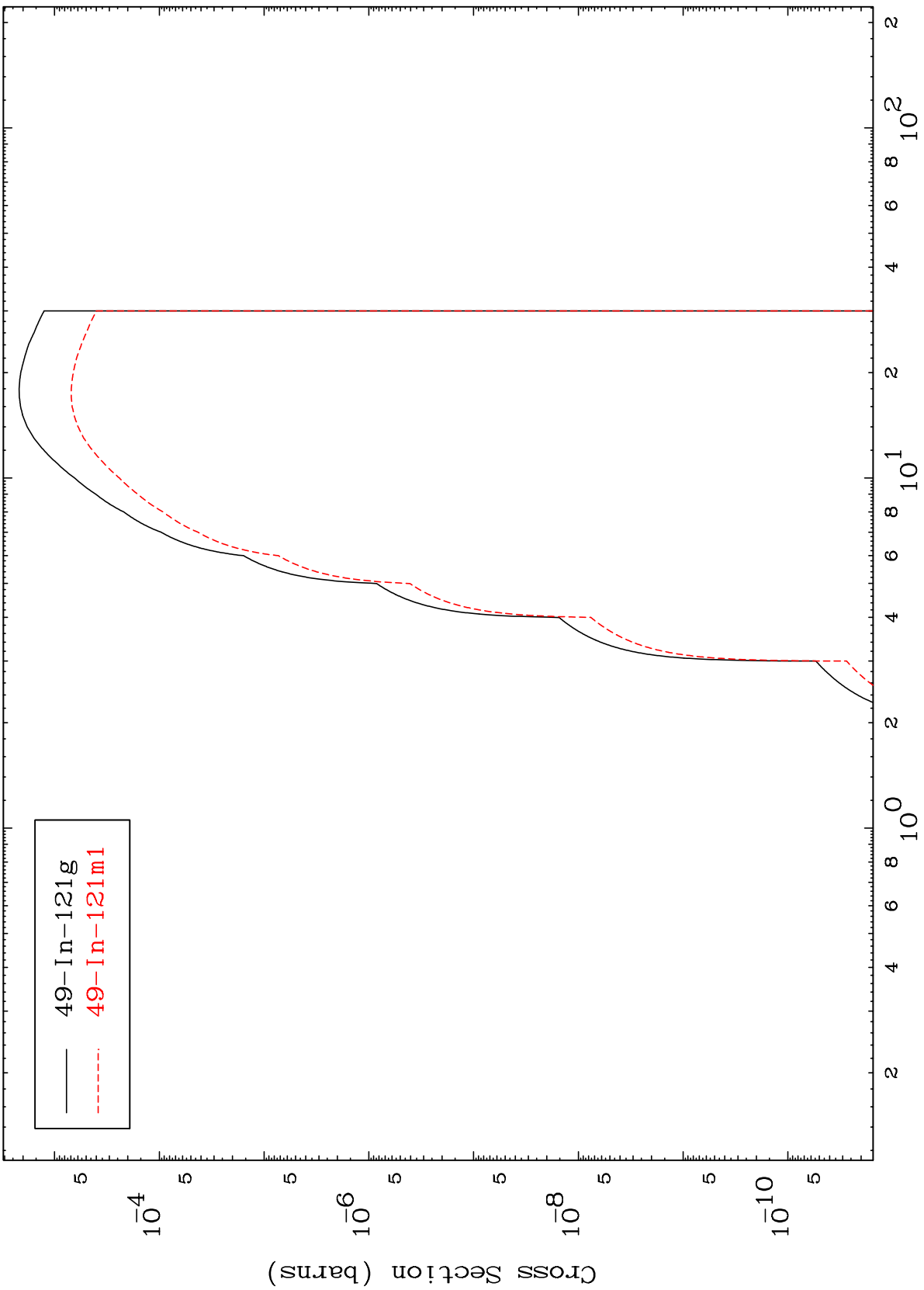
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

Radionuclide Production Cross Section
(n, α)



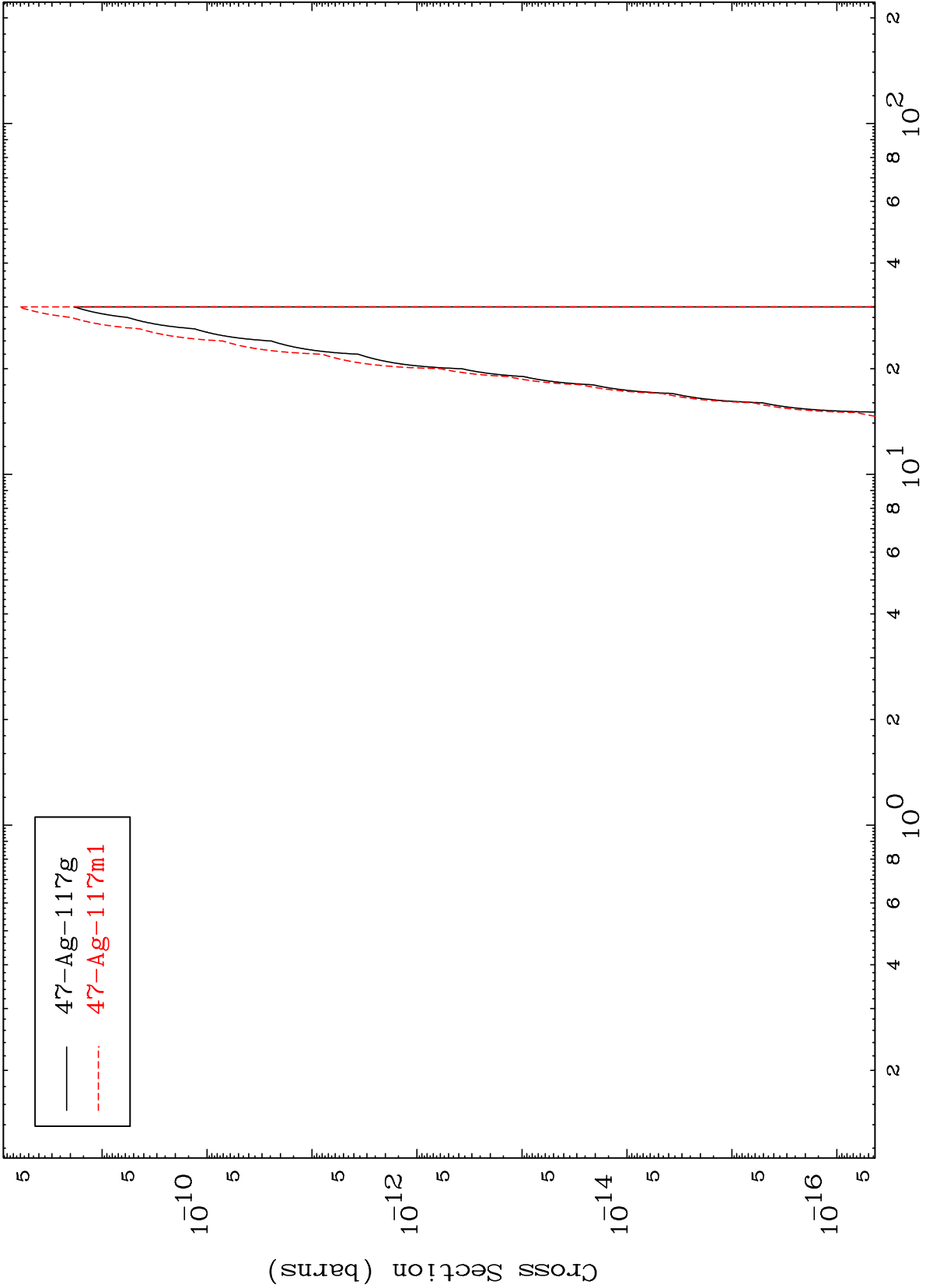
— 49-In-121g
- - - 49-In-121m1

MAT 5059

(n,2α)

50-Sn-123m

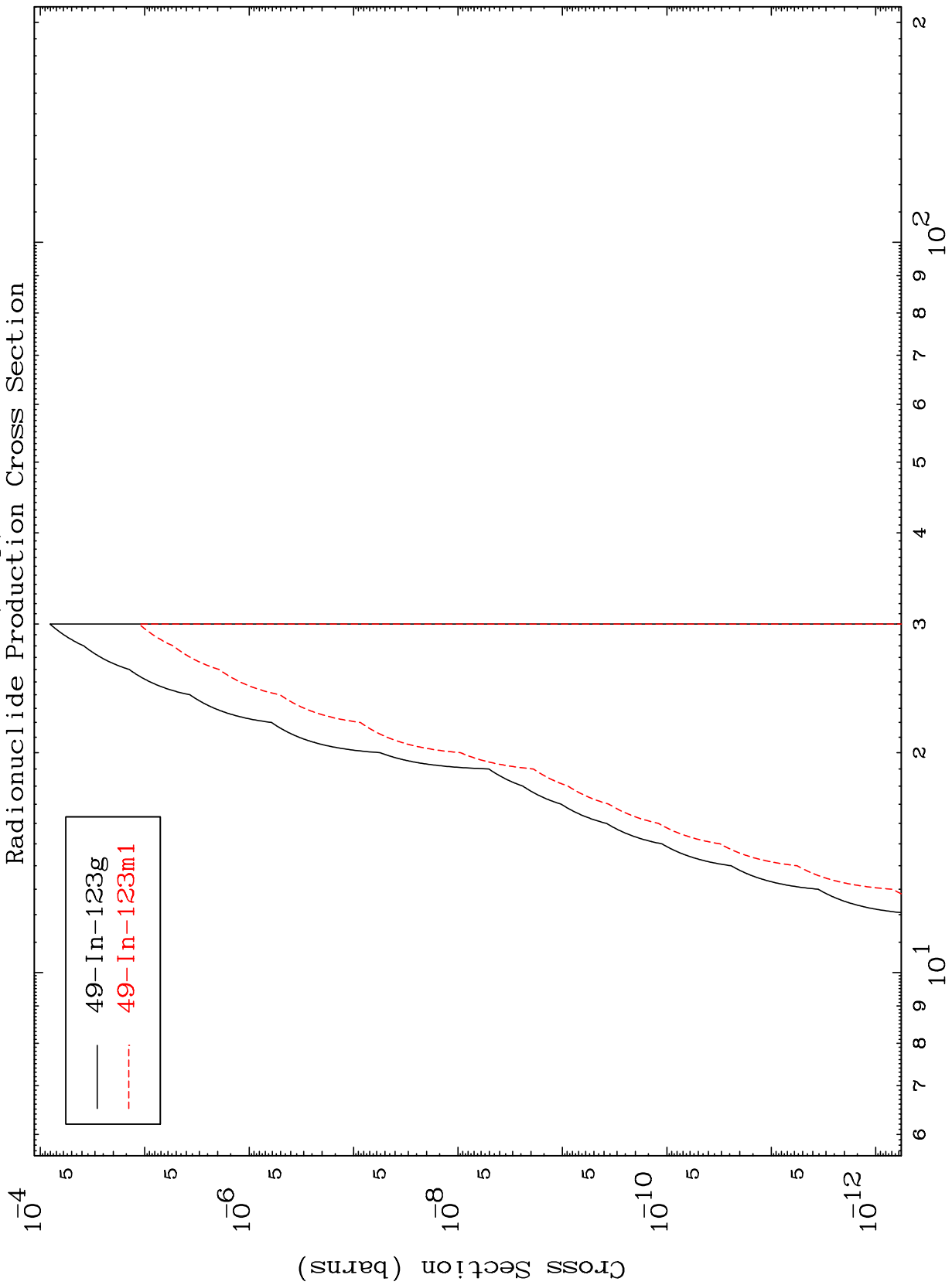
Radionuclide Production Cross Section



MAT 5059

50-Sn-123m

(n,2p)
Radionuclide Production Cross Section



— 49-In-123g
- - - 49-In-123m1

29

Incident Energy (MeV)

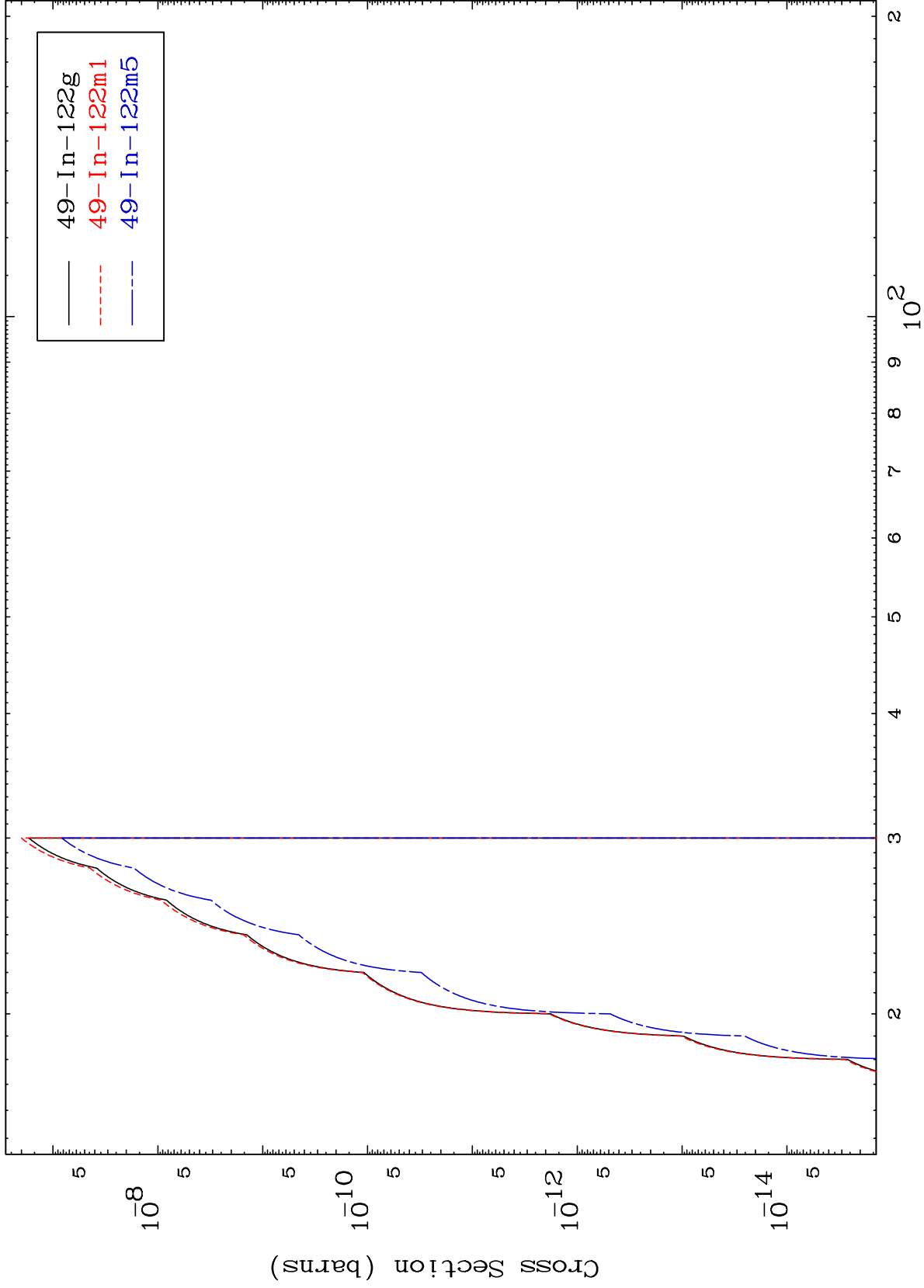
50-Sn-123m

MAT 5059

(n,p) d

50-Sn-123m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

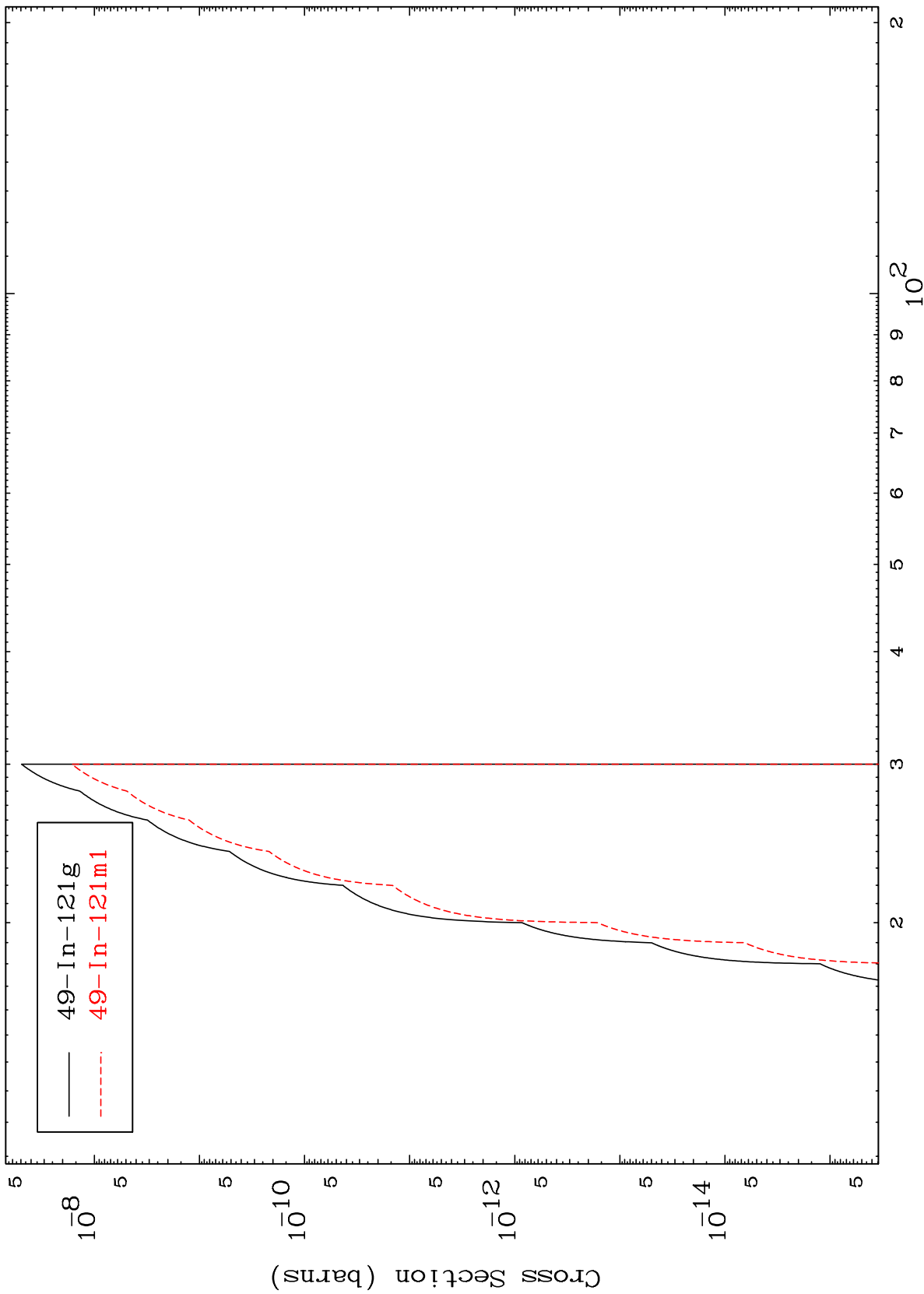
50-Sn-123m

MAT 5059

(n,p) t

50-Sn-123m

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-123m

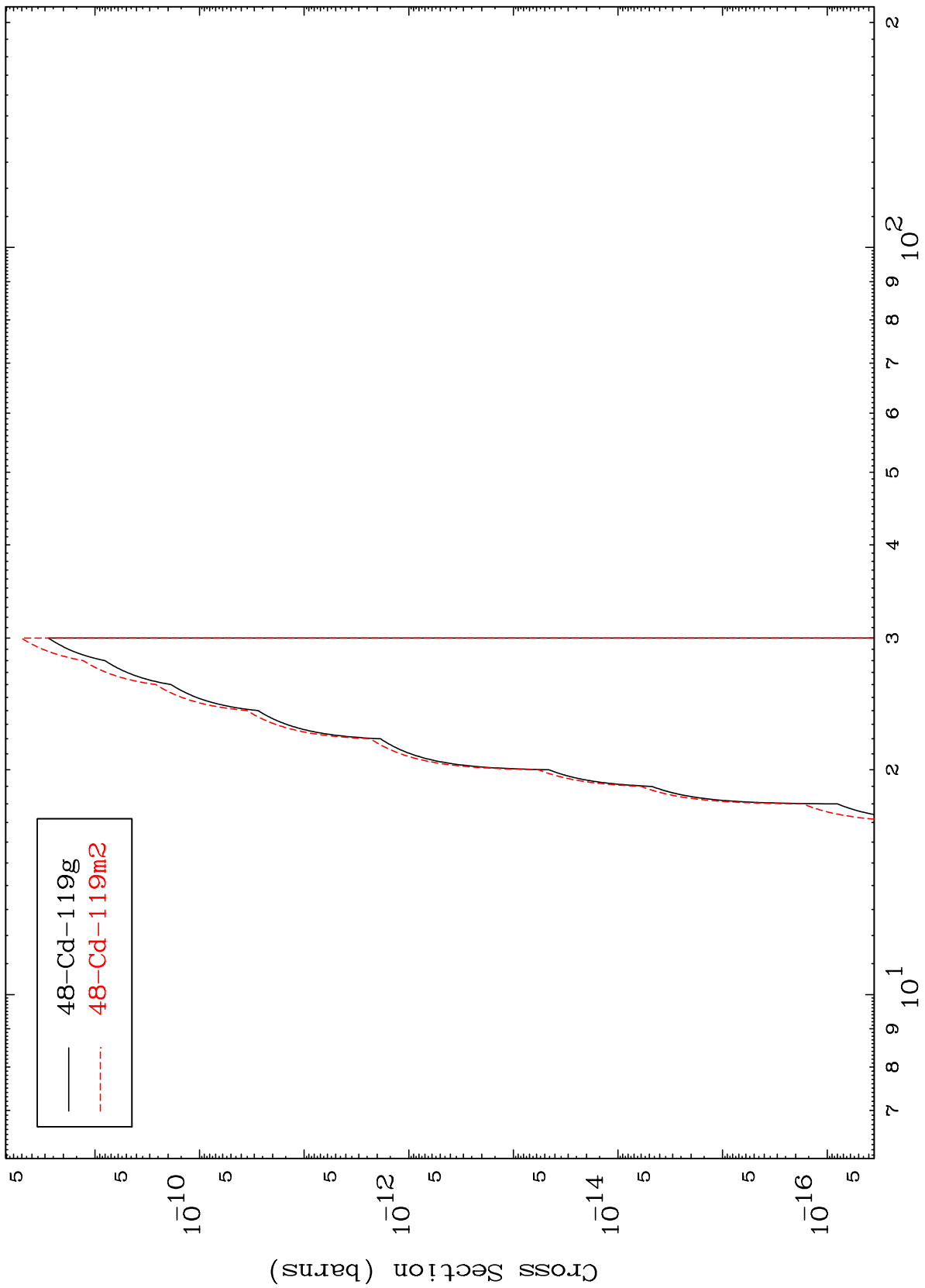
31

MAT 5059

50-Sn-123m

(n,d) α

Radionuclide Production Cross Section



48-Cd-119g
48-Cd-119m2

50-Sn-123m

Incident Energy (MeV)

32