

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

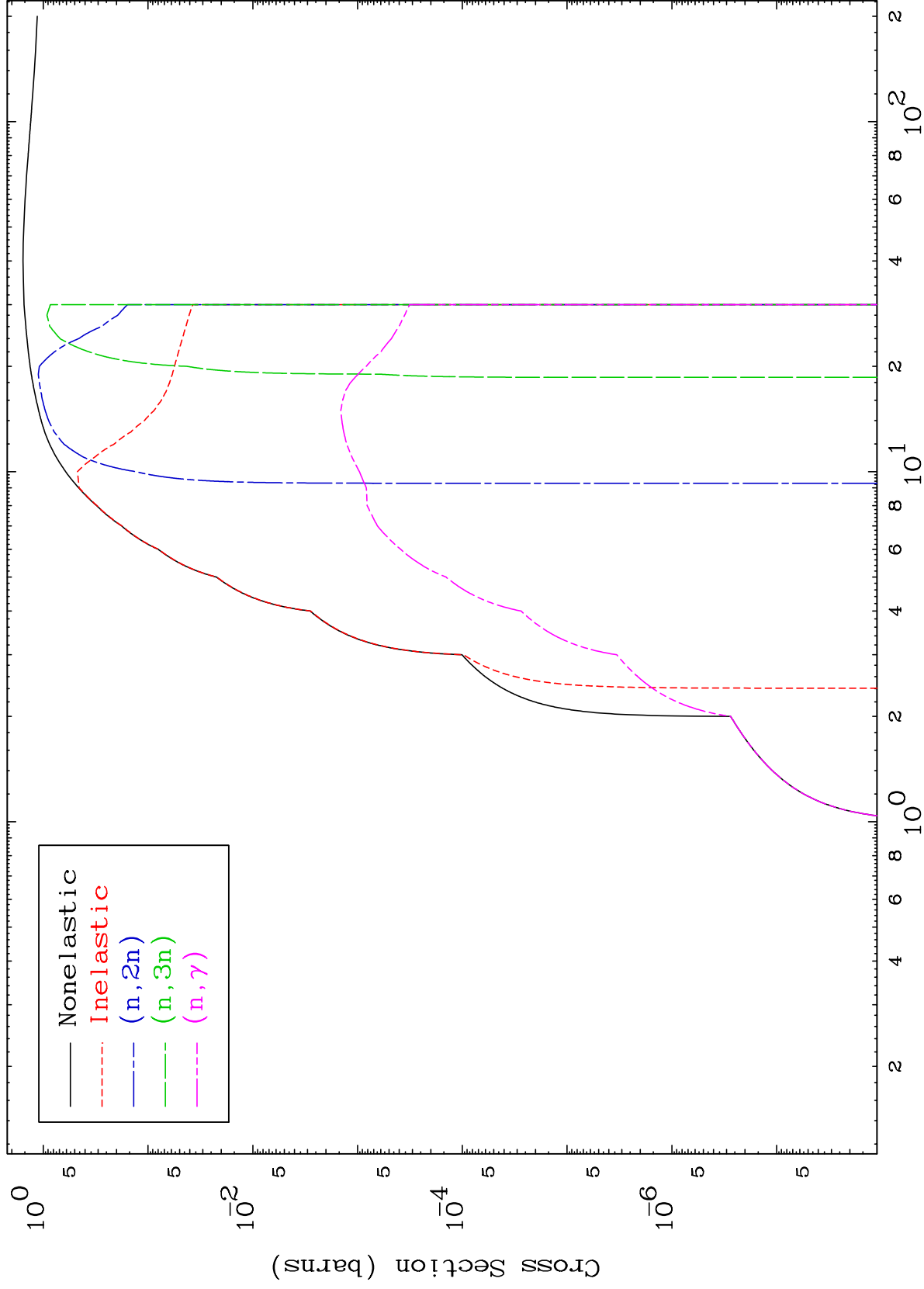
Press Mouse Button to Start

MAT 5055

Proton Major

50-Sn-122

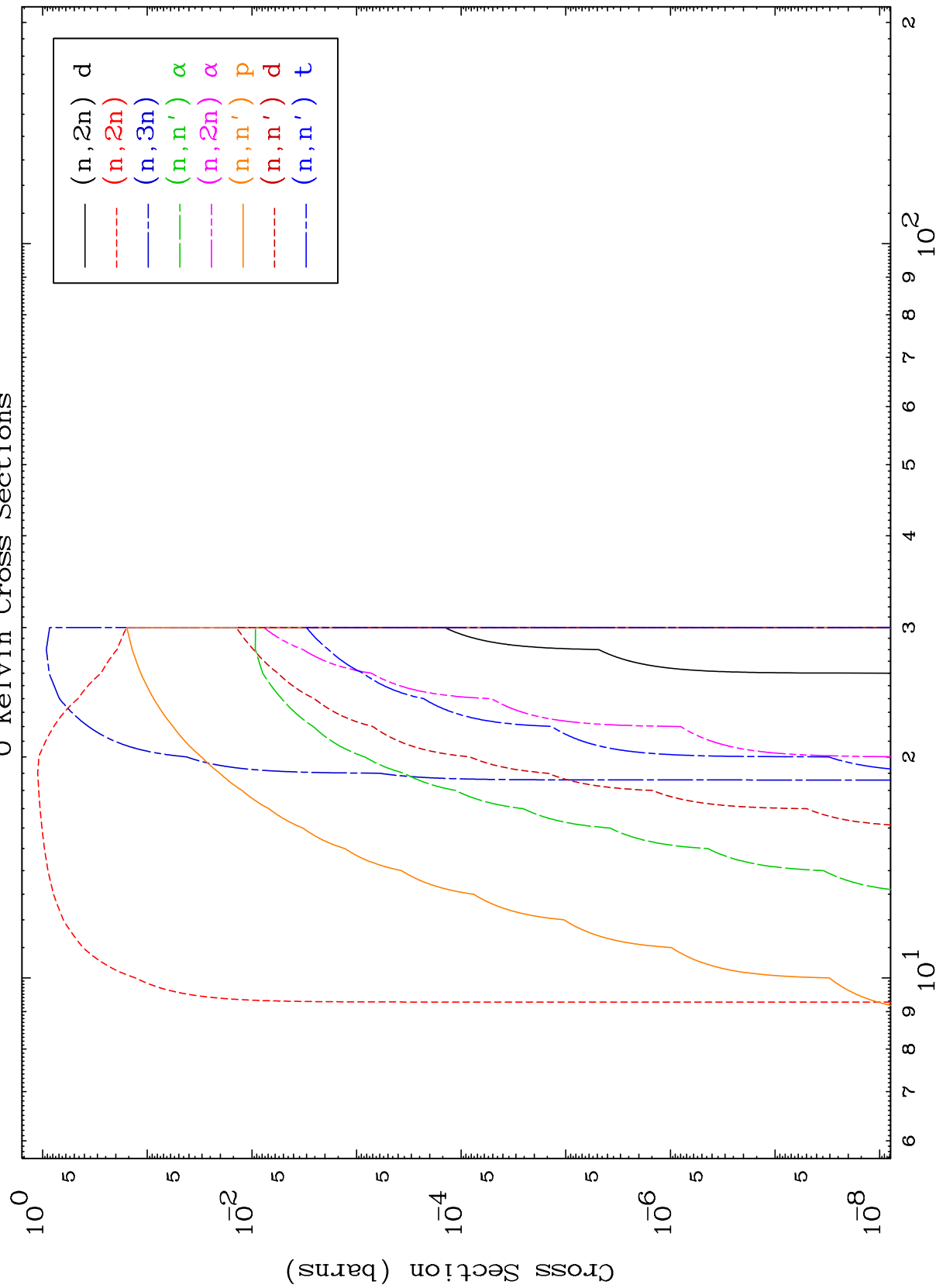
0 Kelvin Cross Sections



MAT 5055

Proton Neutron Absorption
0 Kelvin Cross Sections

50-Sn-122



2

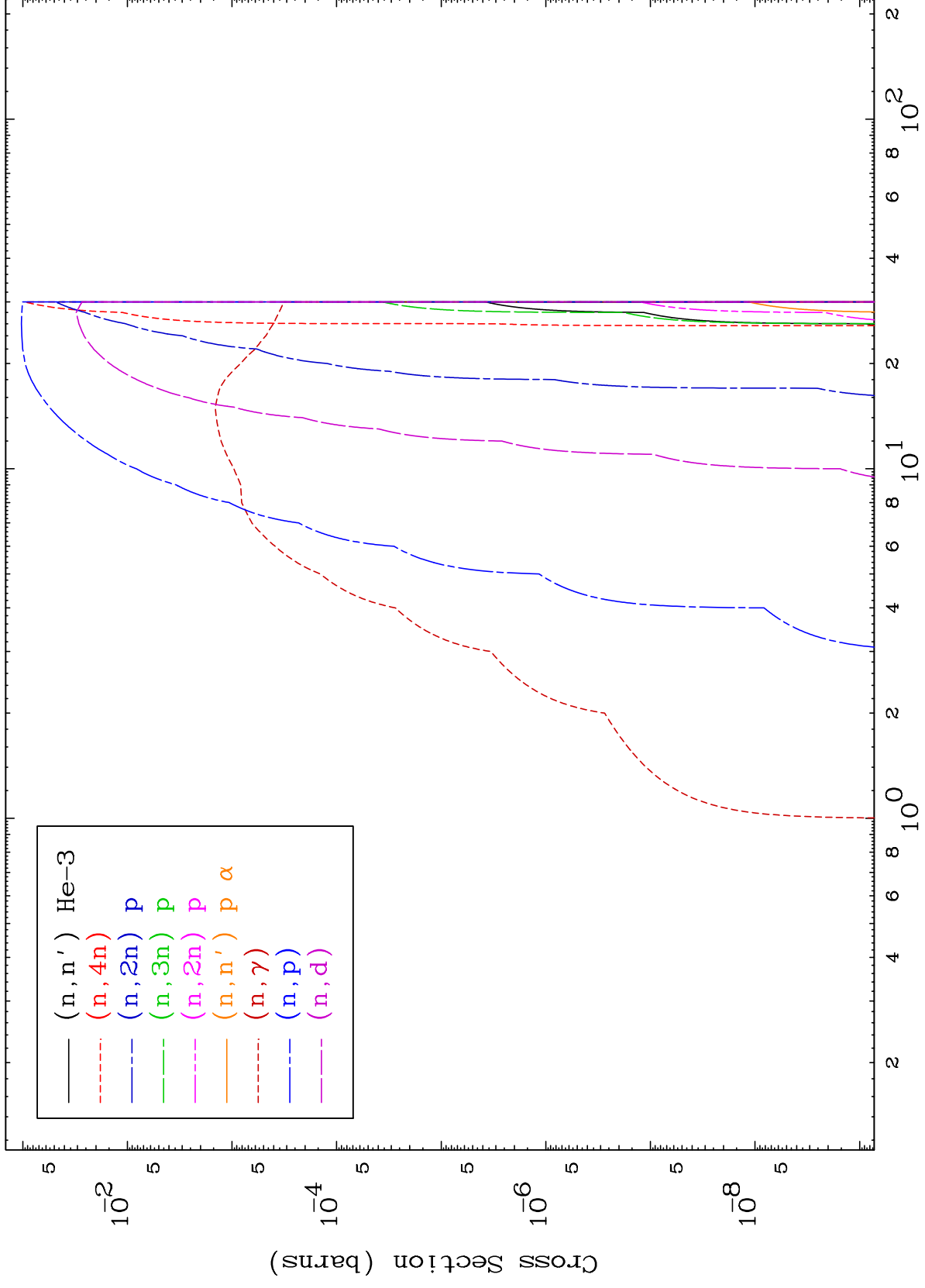
Incident Energy (MeV)

50-Sn-122

MAT 5055

Proton Neutron Absorption
0 Kelvin Cross Sections

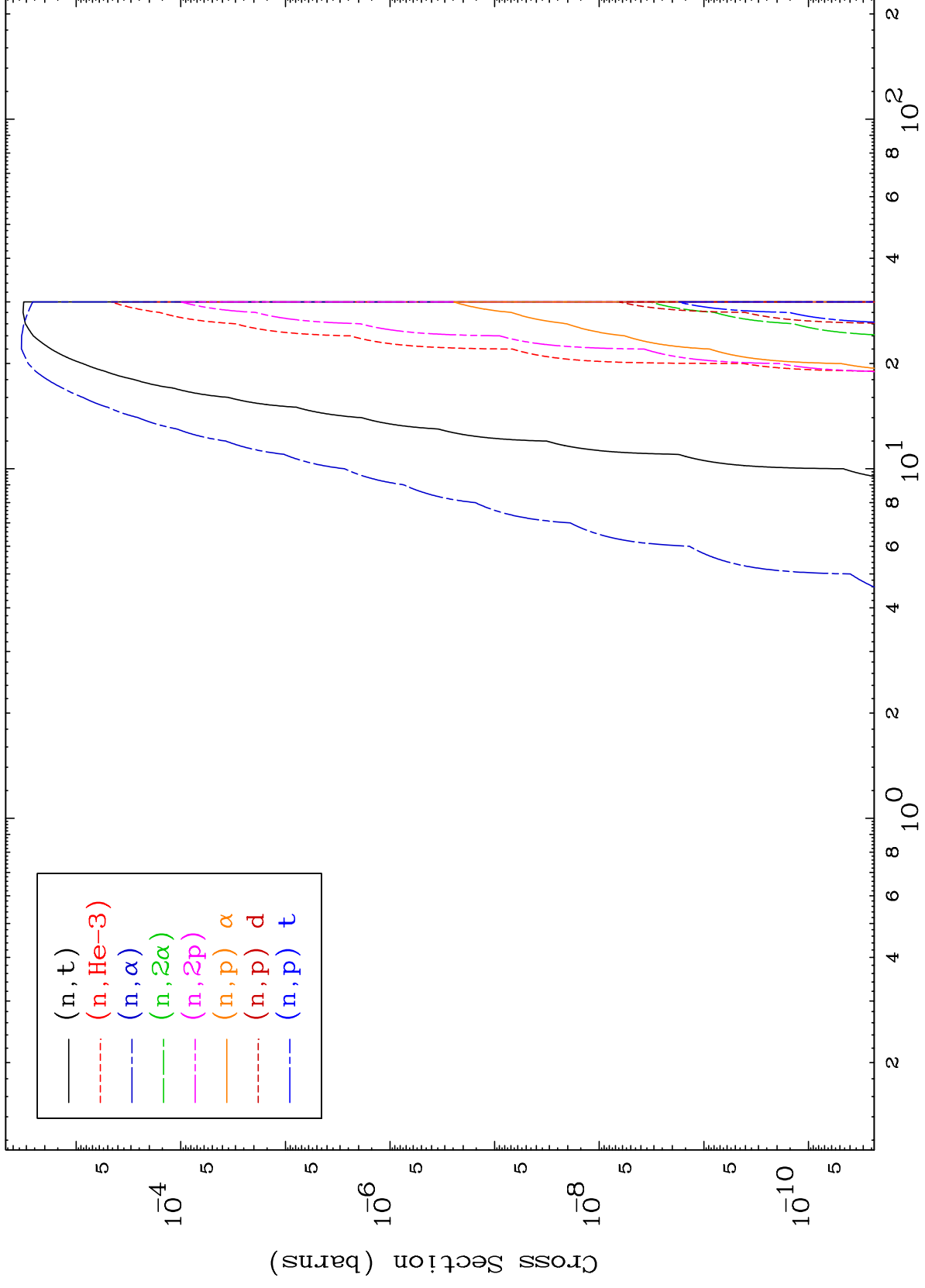
50-Sn-122



MAT 5055

Proton Neutron Absorption
0 Kelvin Cross Sections

50-Sn-122



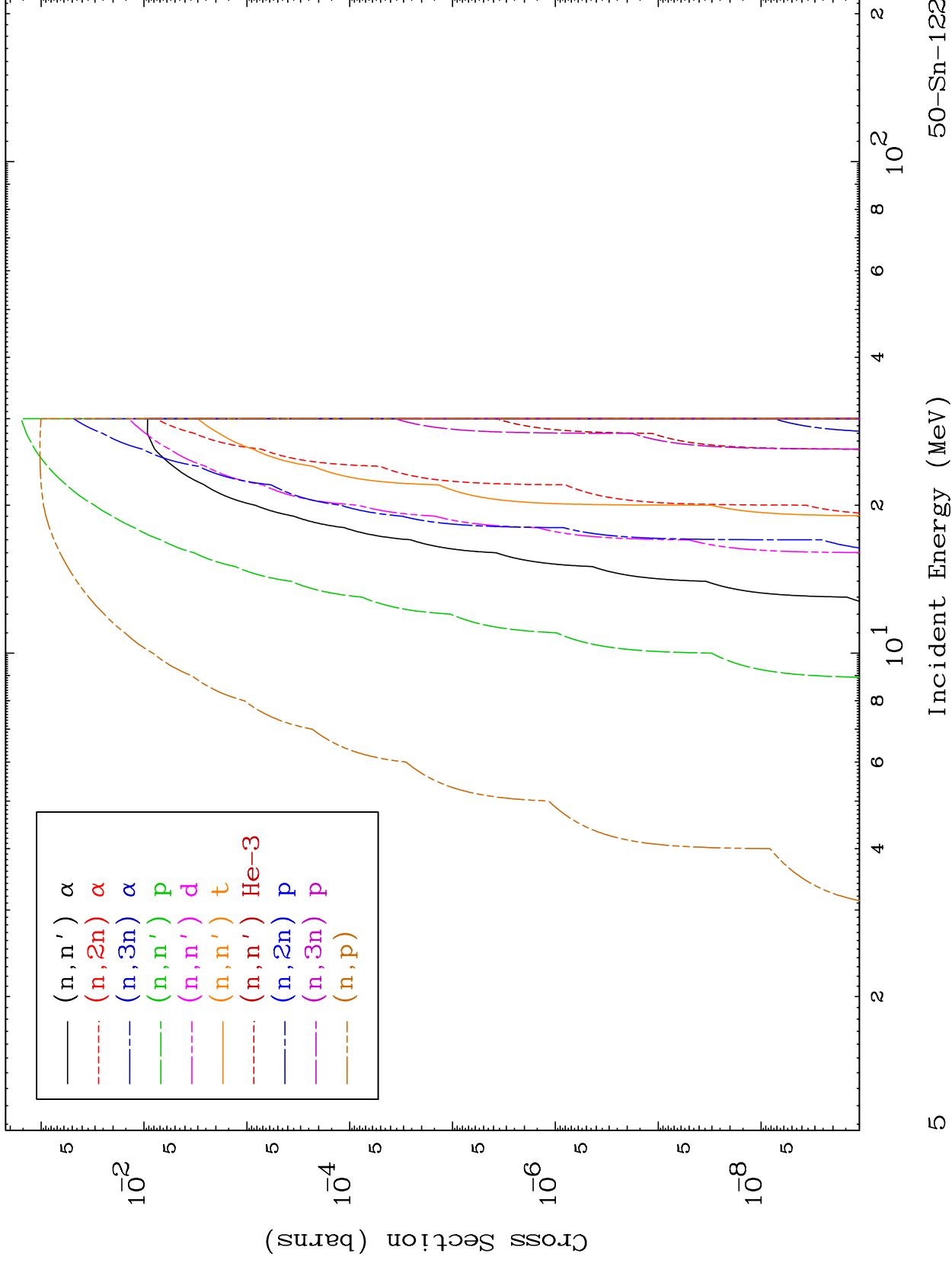
50-Sn-122

Incident Energy (MeV)

MAT 5055

Proton Charged Particle
0 Kelvin Cross Sections

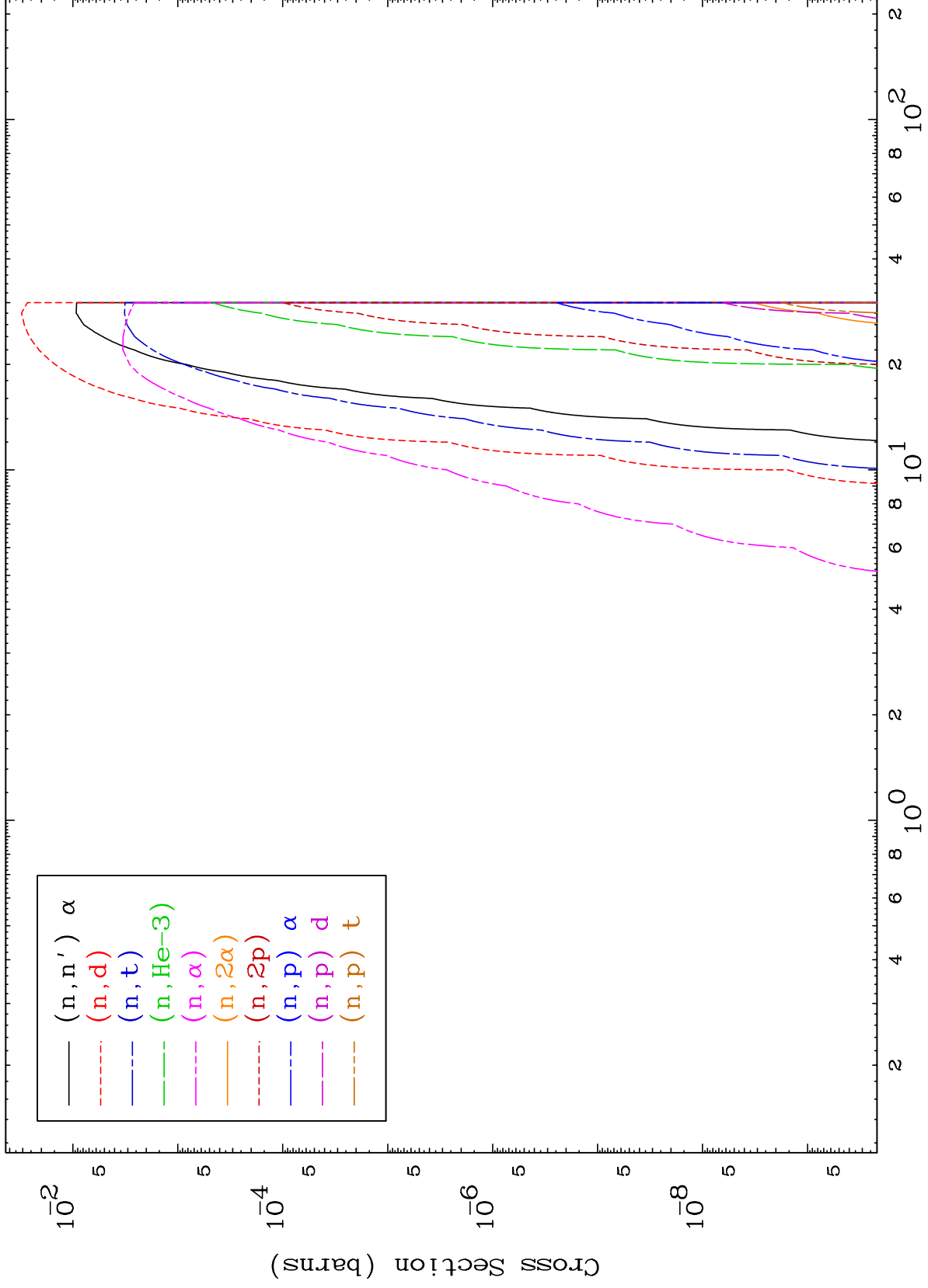
50-Sn-122



MAT 5055

Proton Charged Particle
0 Kelvin Cross Sections

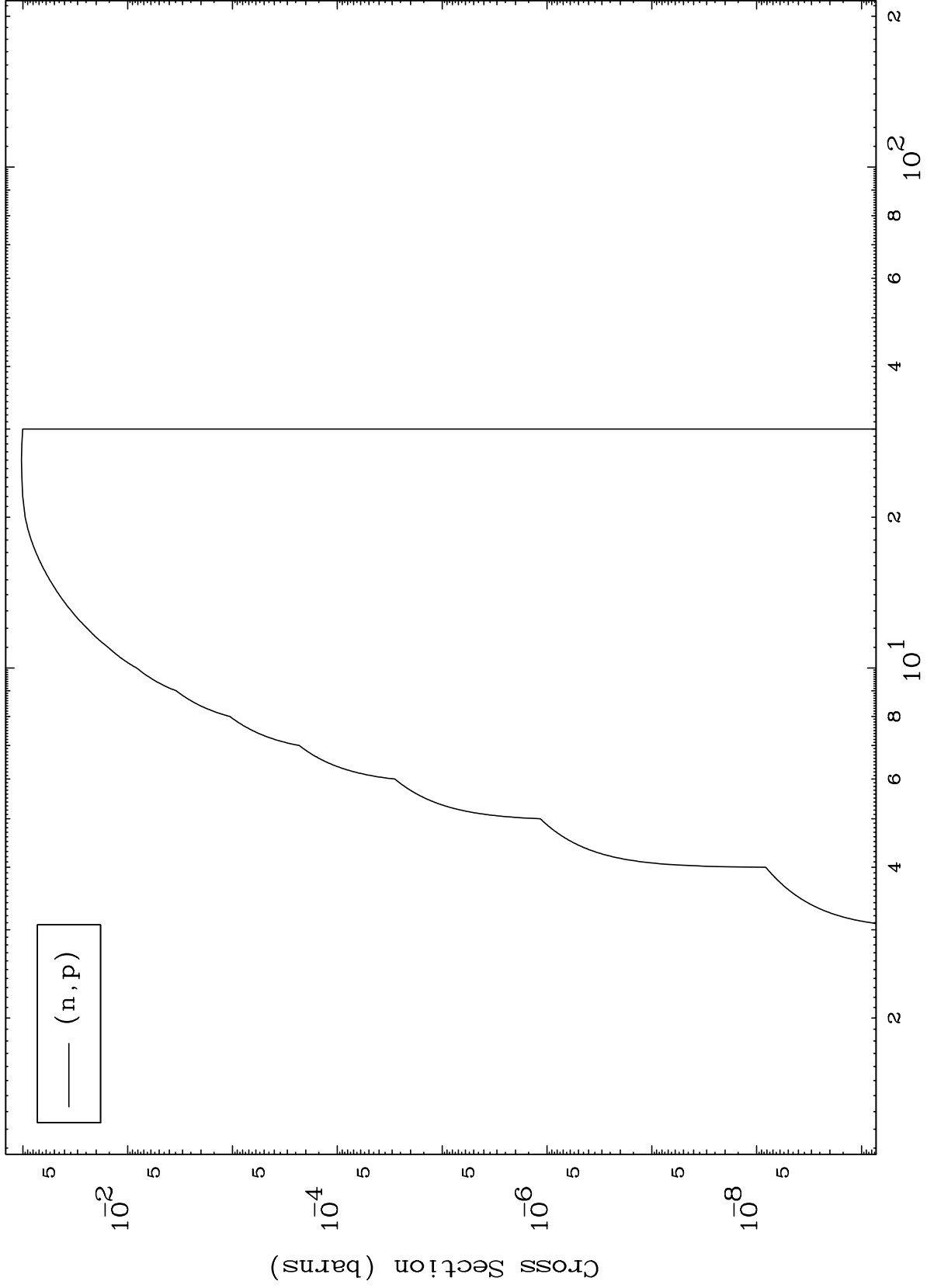
50-Sn-122



MAT 5055

(p,p) Levels
0 Kelvin Cross Sections

50-Sn-122

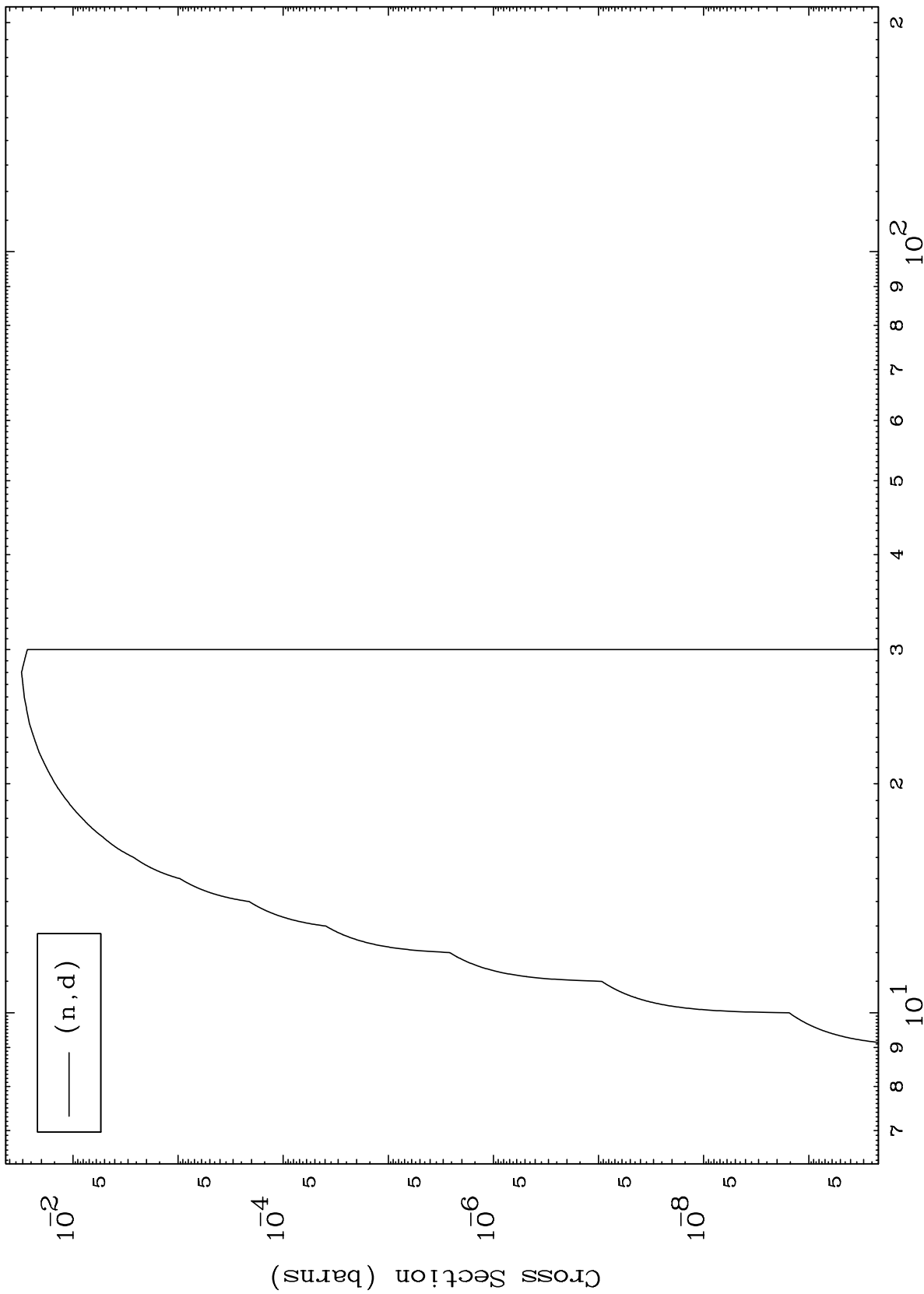


(n,p)

MAT 5055

(p,d) Levels
0 Kelvin Cross Sections

50-Sn-122



8

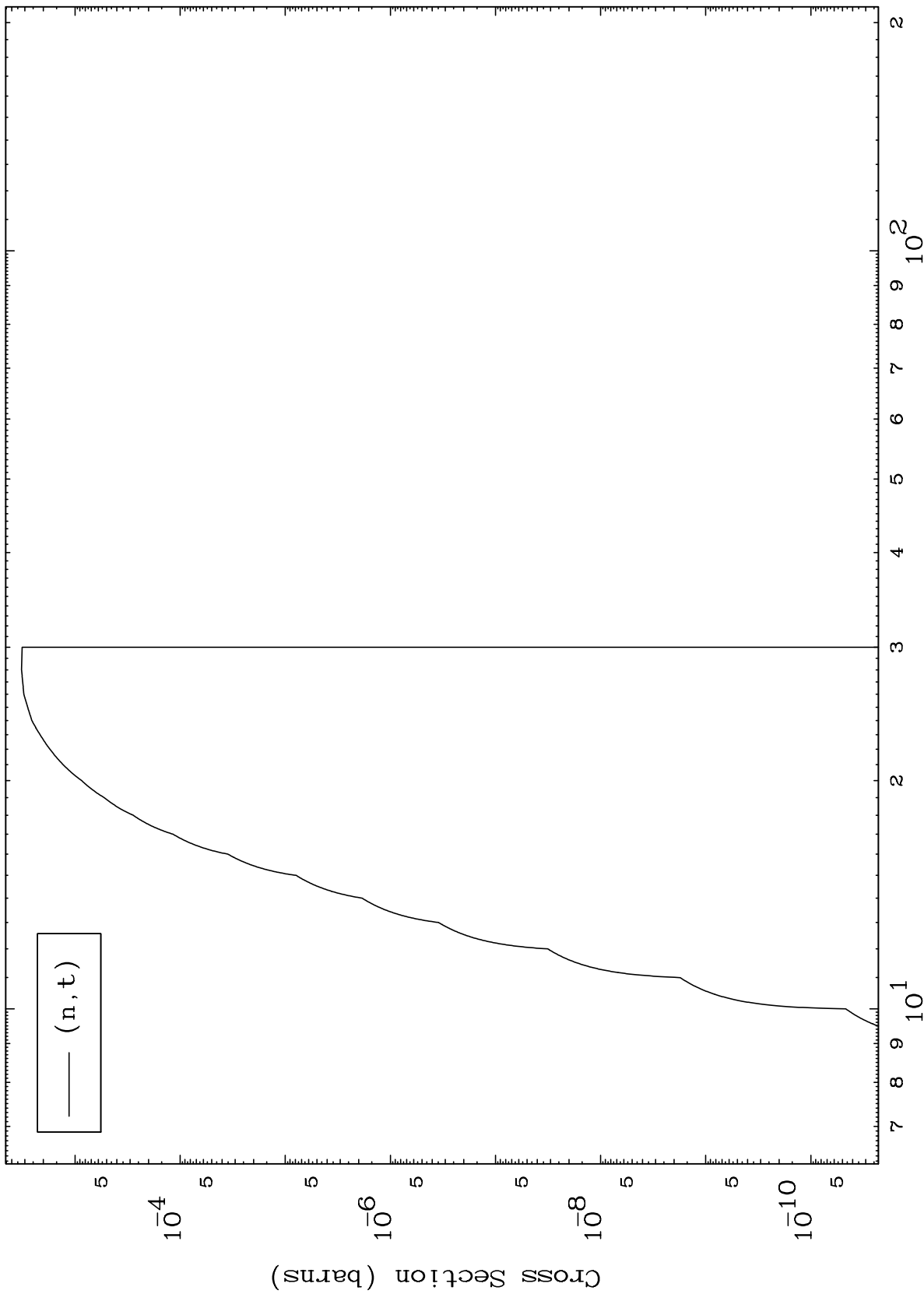
Incident Energy (MeV)

50-Sn-122

MAT 5055

(p,t) Levels
0 Kelvin Cross Sections

50-Sn-122



9

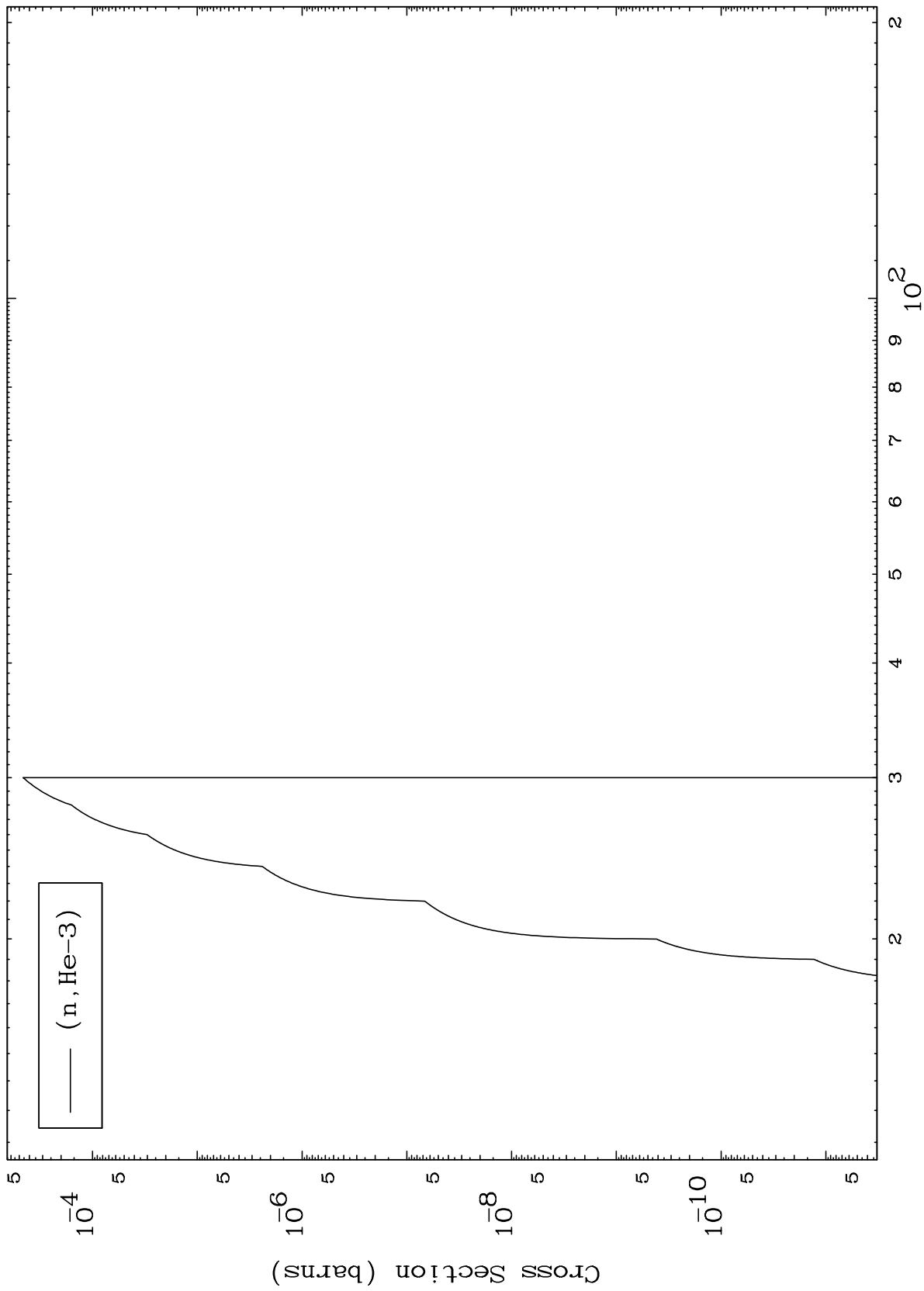
Incident Energy (MeV)

50-Sn-122

MAT 5055

50-Sn-122

(p,He3) Levels
0 Kelvin Cross Sections



50-Sn-122

Incident Energy (MeV)

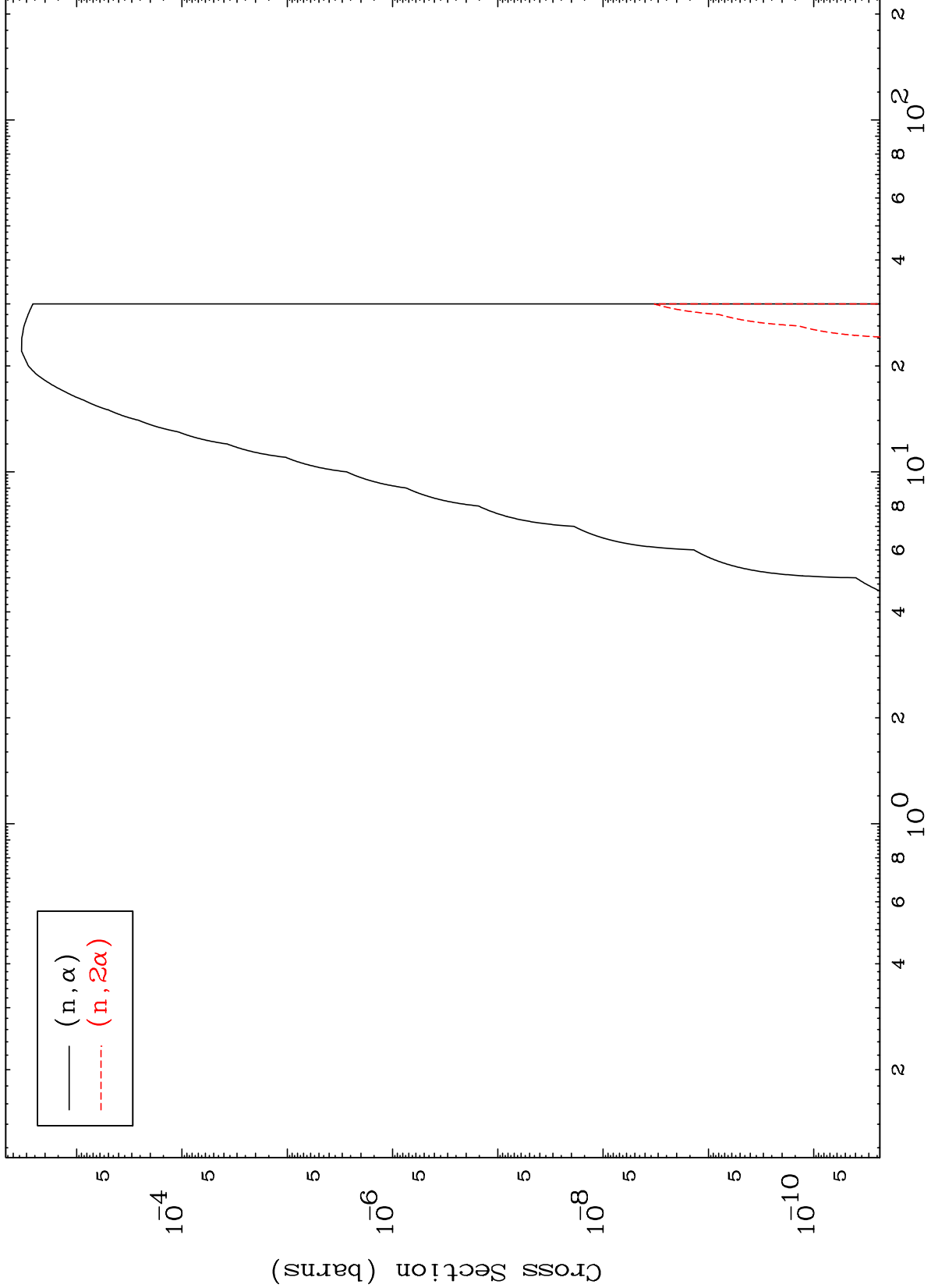
10

MAT 5055

(p, α) Levels

50-Sn-122

0 Kelvin Cross Sections

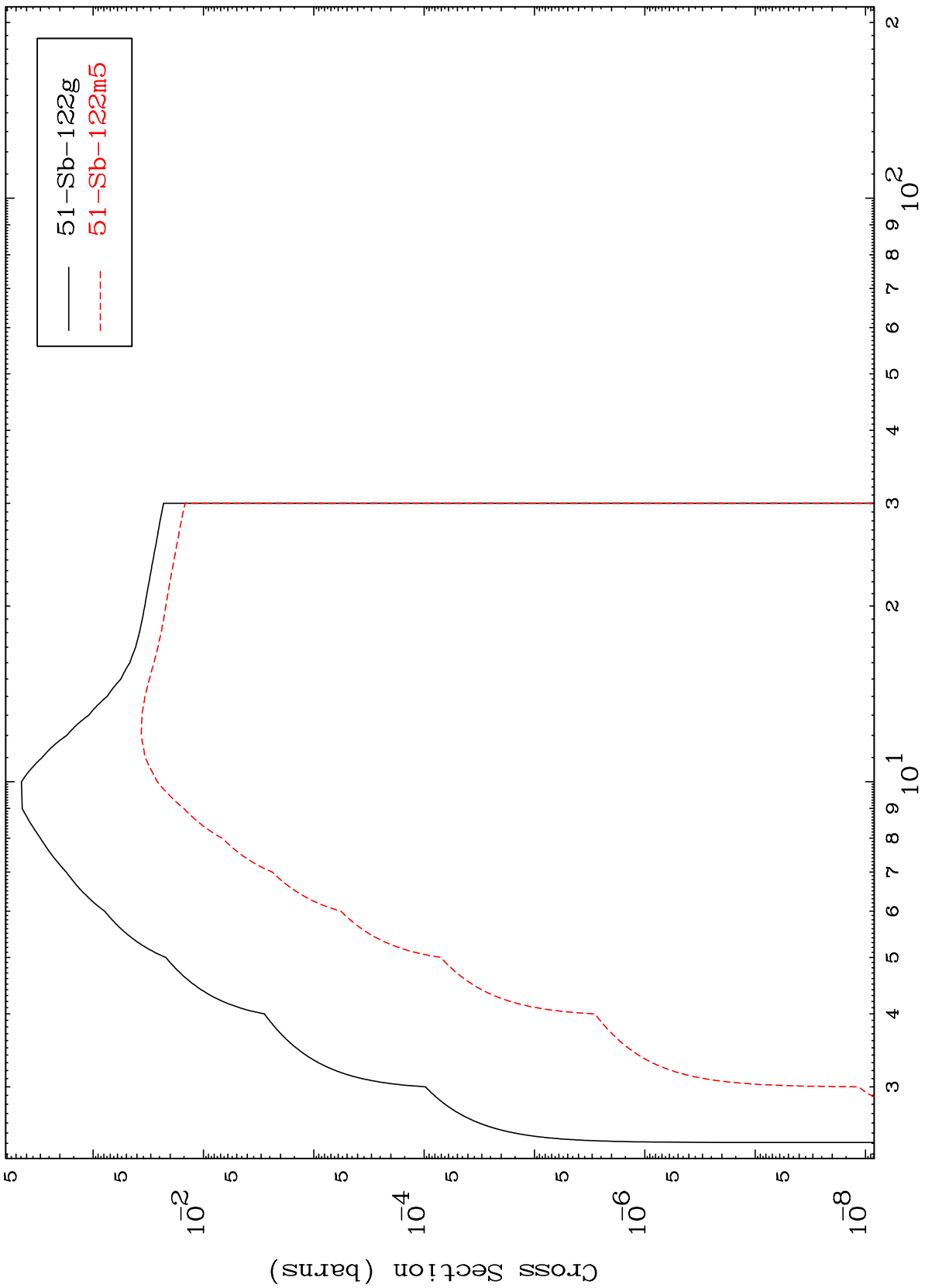


— (n, α)
- - - (n, 2α)

MAT 5055

50-Sn-122

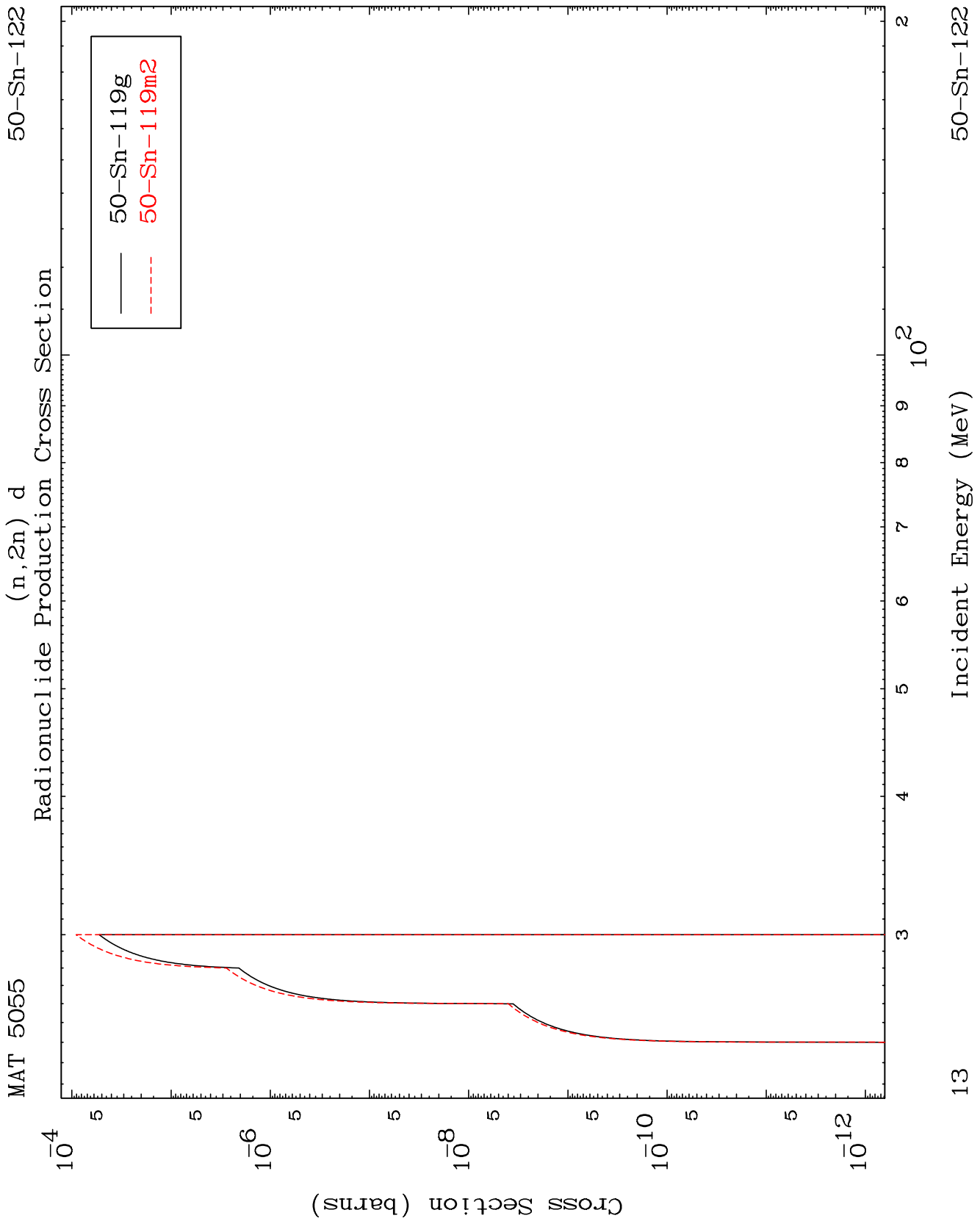
Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

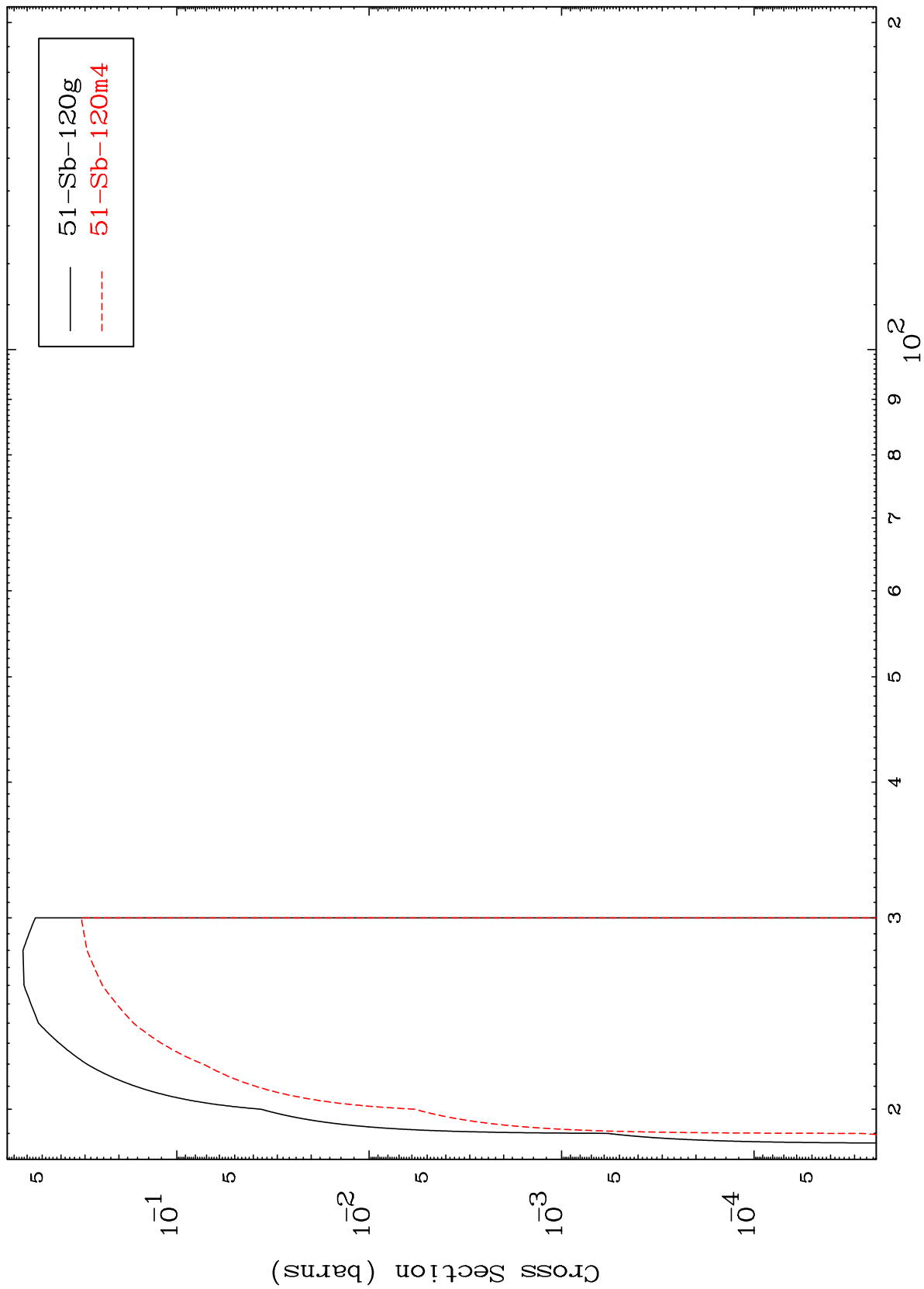
50-Sn-122



MAT 5055

50-Sn-122

(n,3n)
Radionuclide Production Cross Section



50-Sn-122

Incident Energy (MeV)

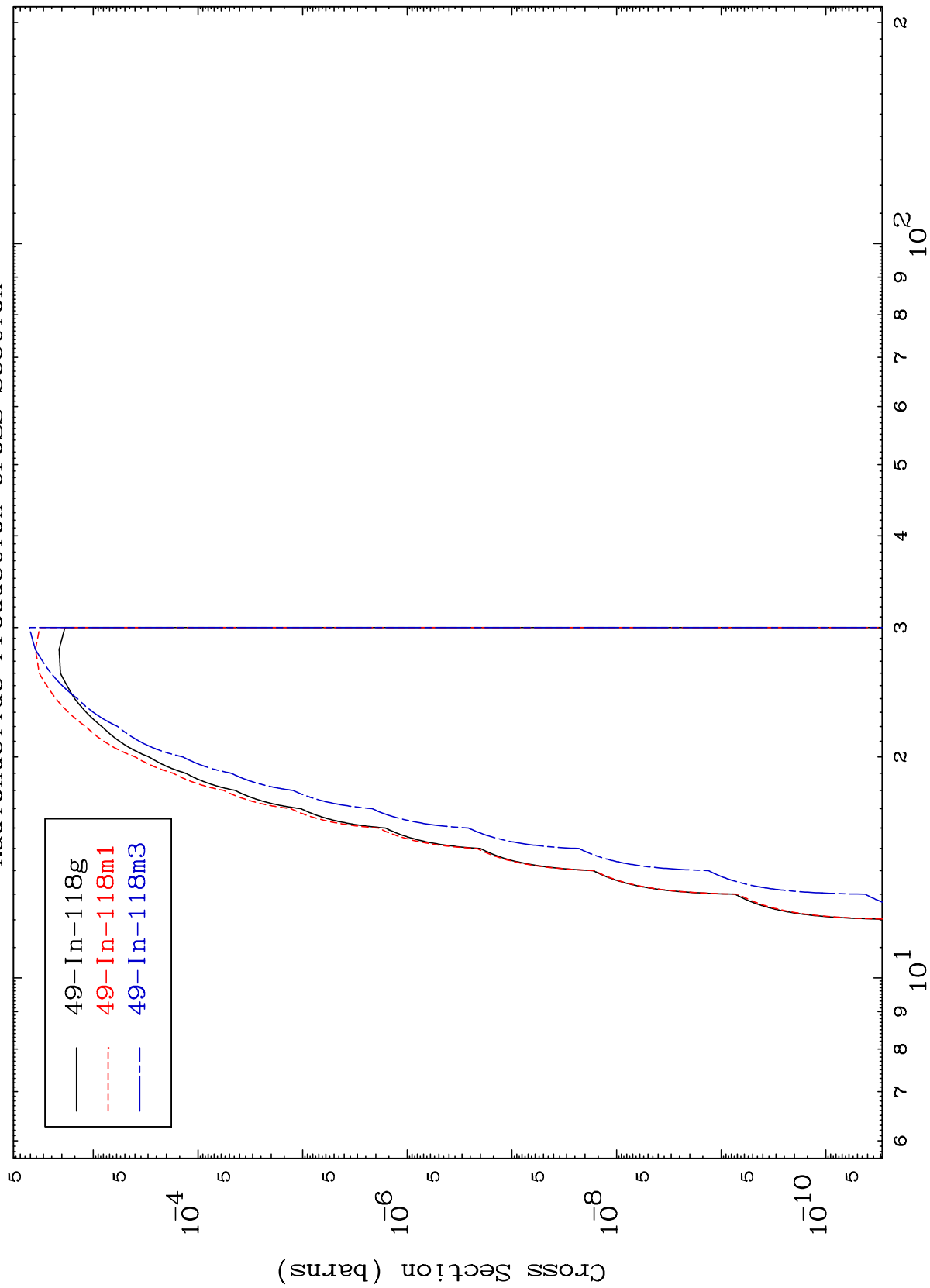
14

MAT 5055

50-Sn-122

(n,n') α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

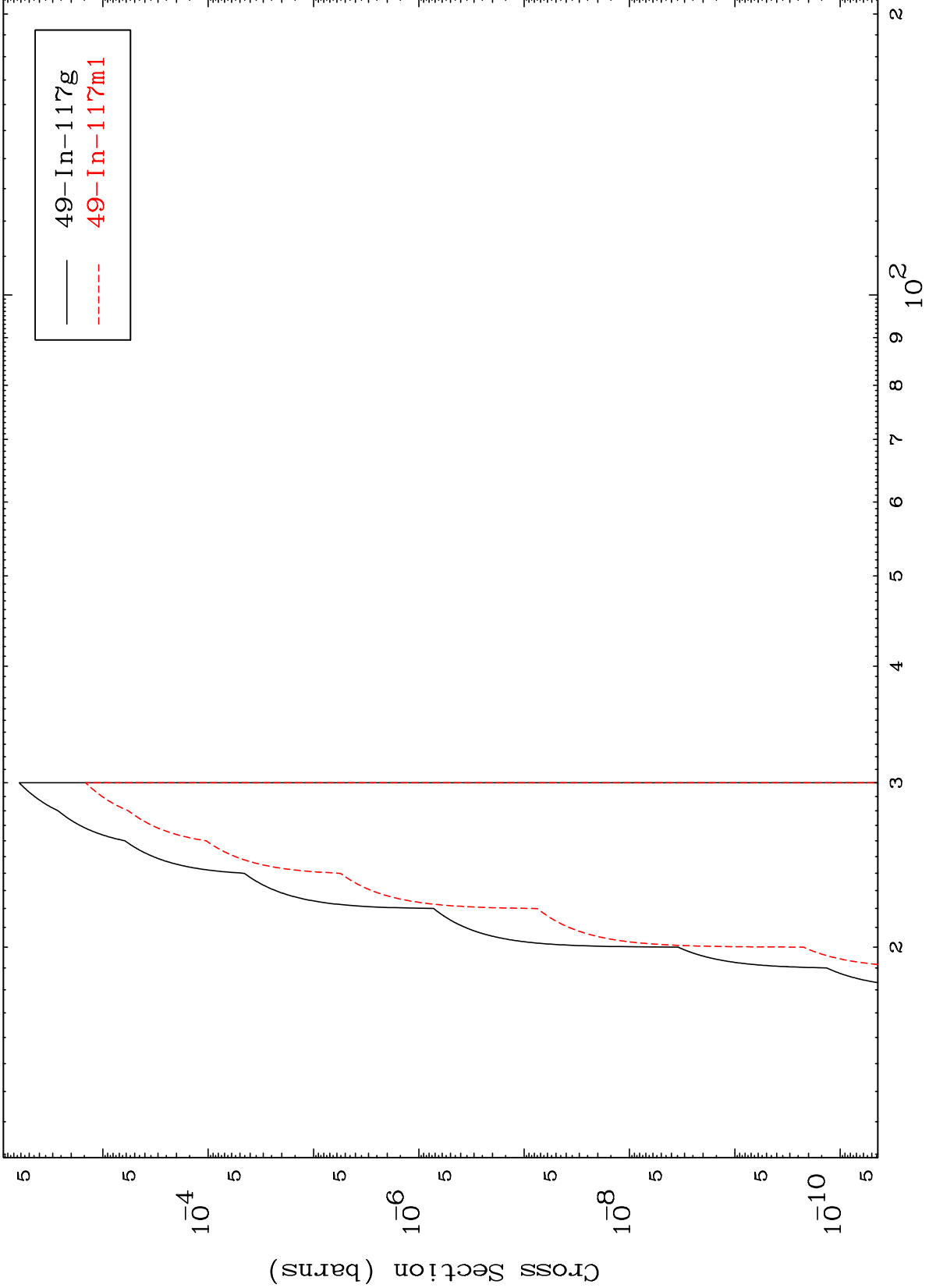
50-Sn-122

MAT 5055

$(n,2n) \alpha$

50-Sn-122

Radionuclide Production Cross Section



16

Incident Energy (MeV)

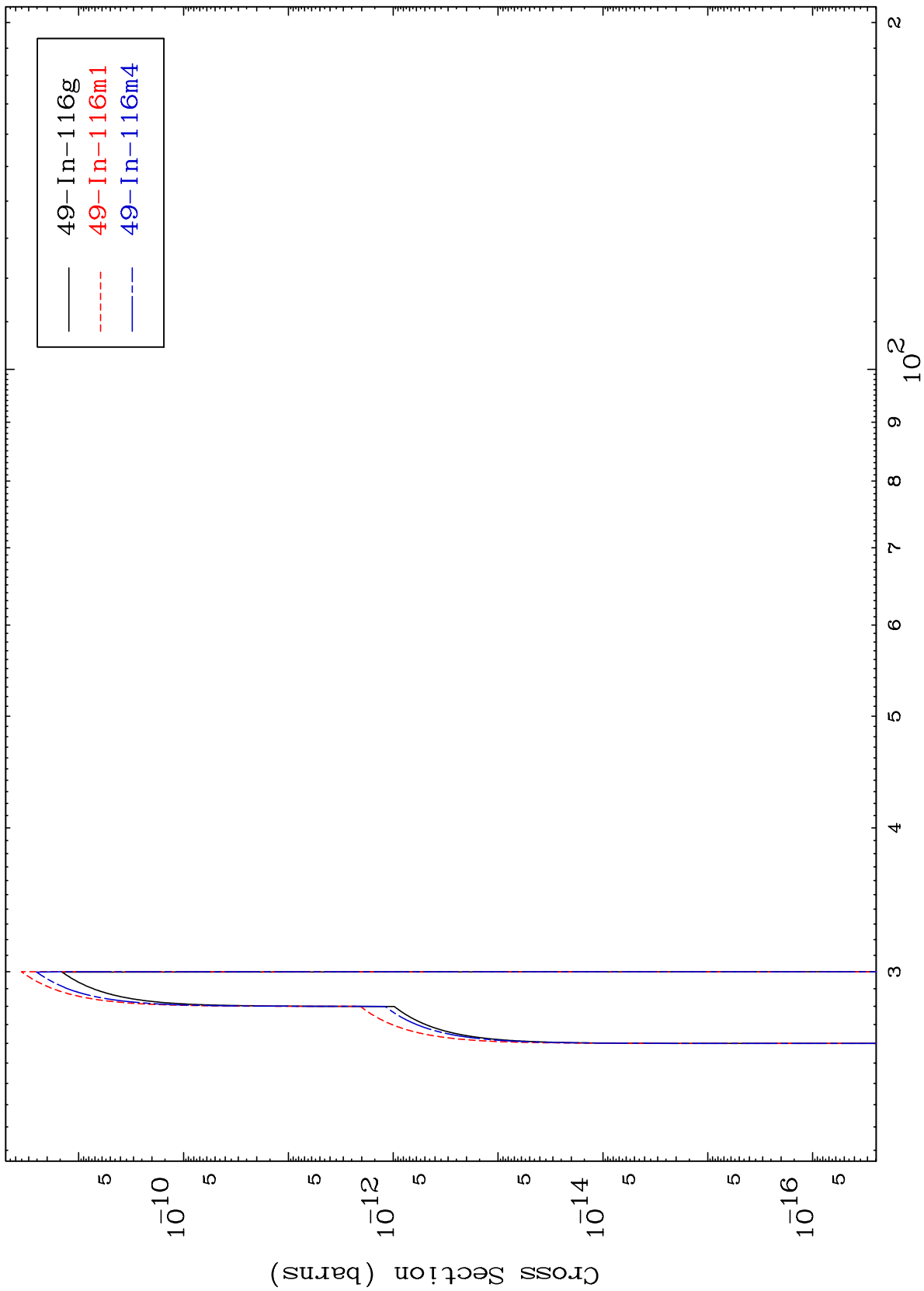
50-Sn-122

MAT 5055

(n,3n) α

50-Sn-122

Radionuclide Production Cross Section



17

Incident Energy (MeV)

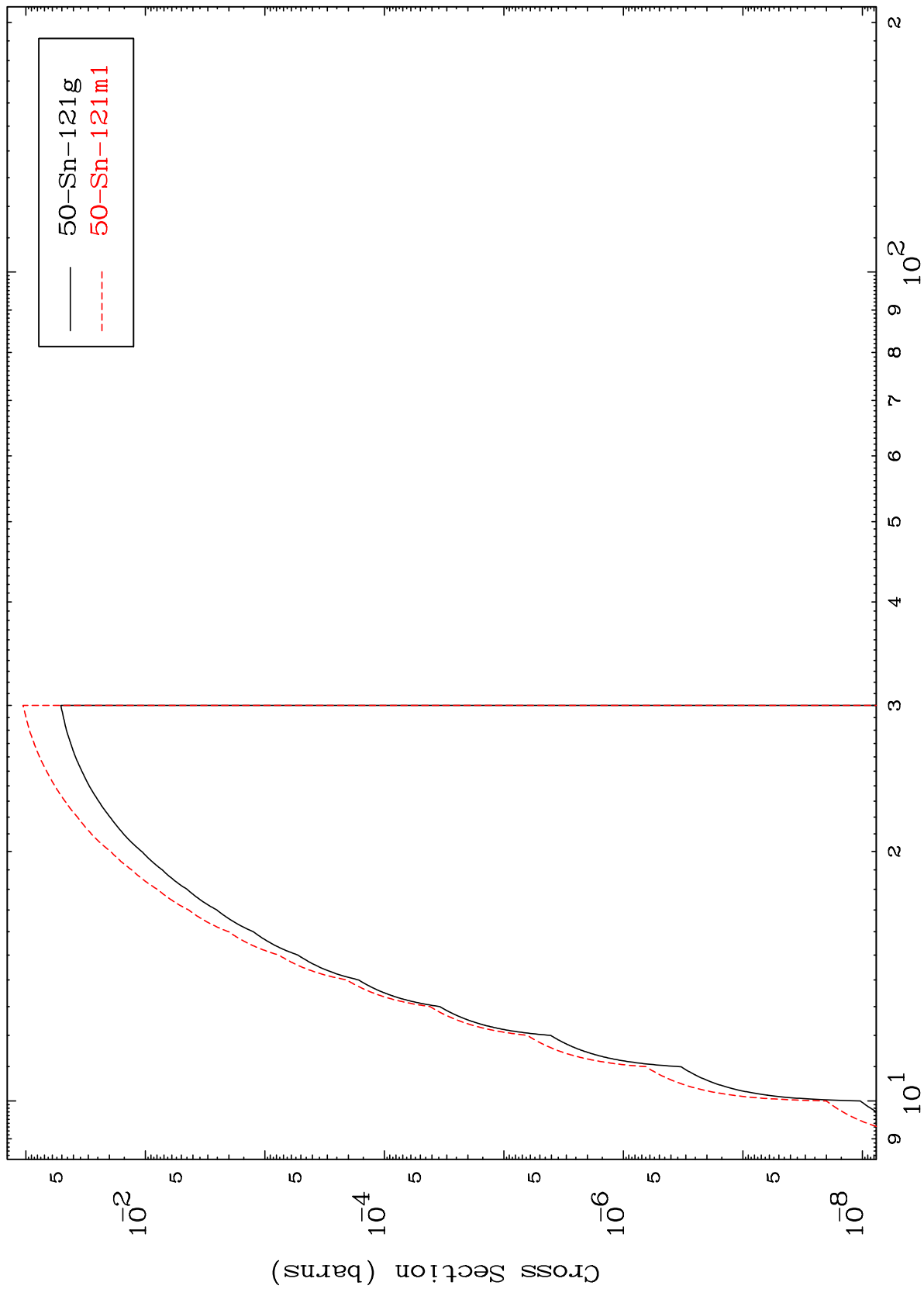
50-Sn-122

MAT 5055

(n,n') p

50-Sn-122

Radionuclide Production Cross Section



Incident Energy (MeV)

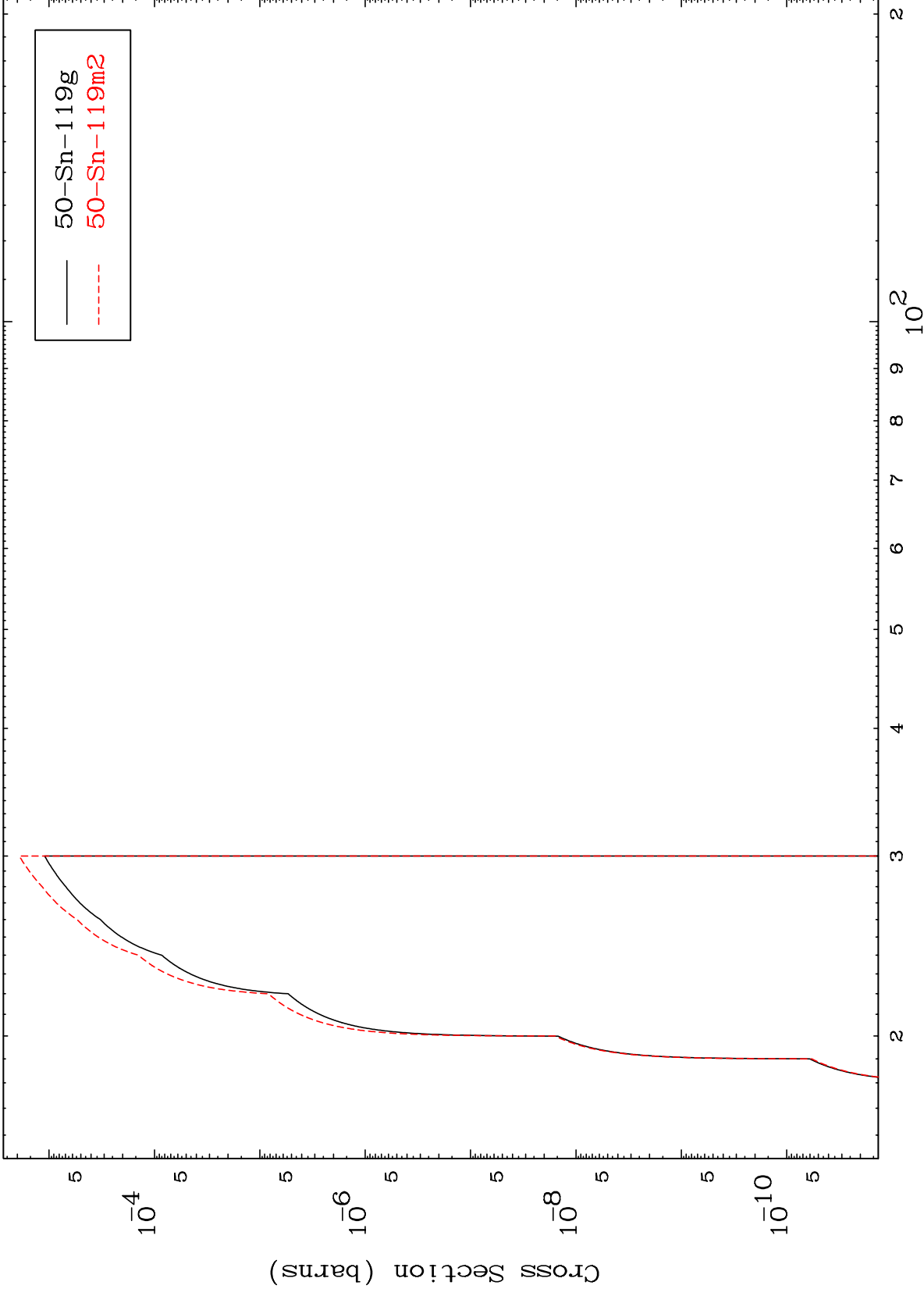
50-Sn-122

MAT 50555

(n,n') t

50-Sn-122

Radionuclide Production Cross Section



19

Incident Energy (MeV)

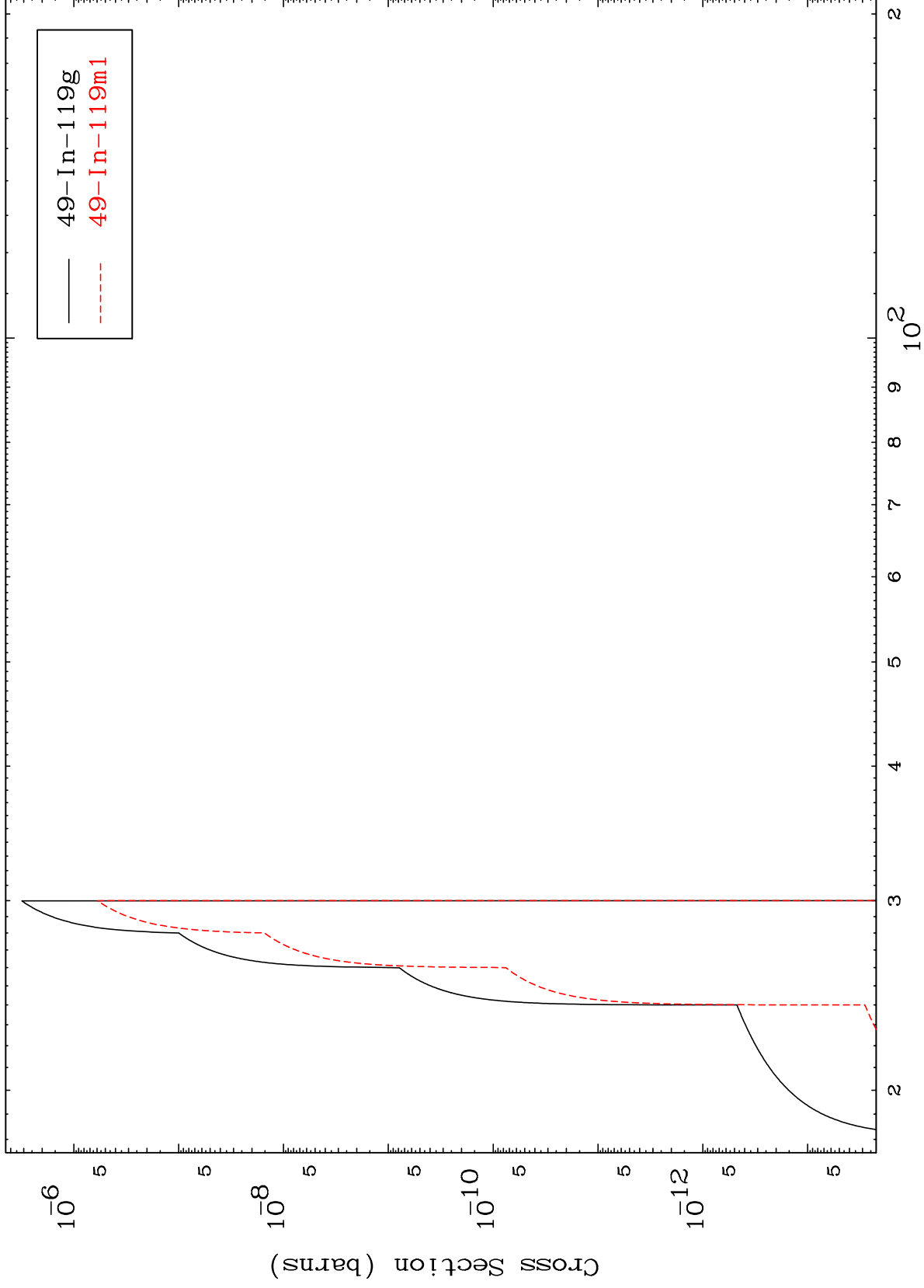
50-Sn-122

MAT 5055

(n,n') He-3

50-Sn-122

Radionuclide Production Cross Section



20

Incident Energy (MeV)

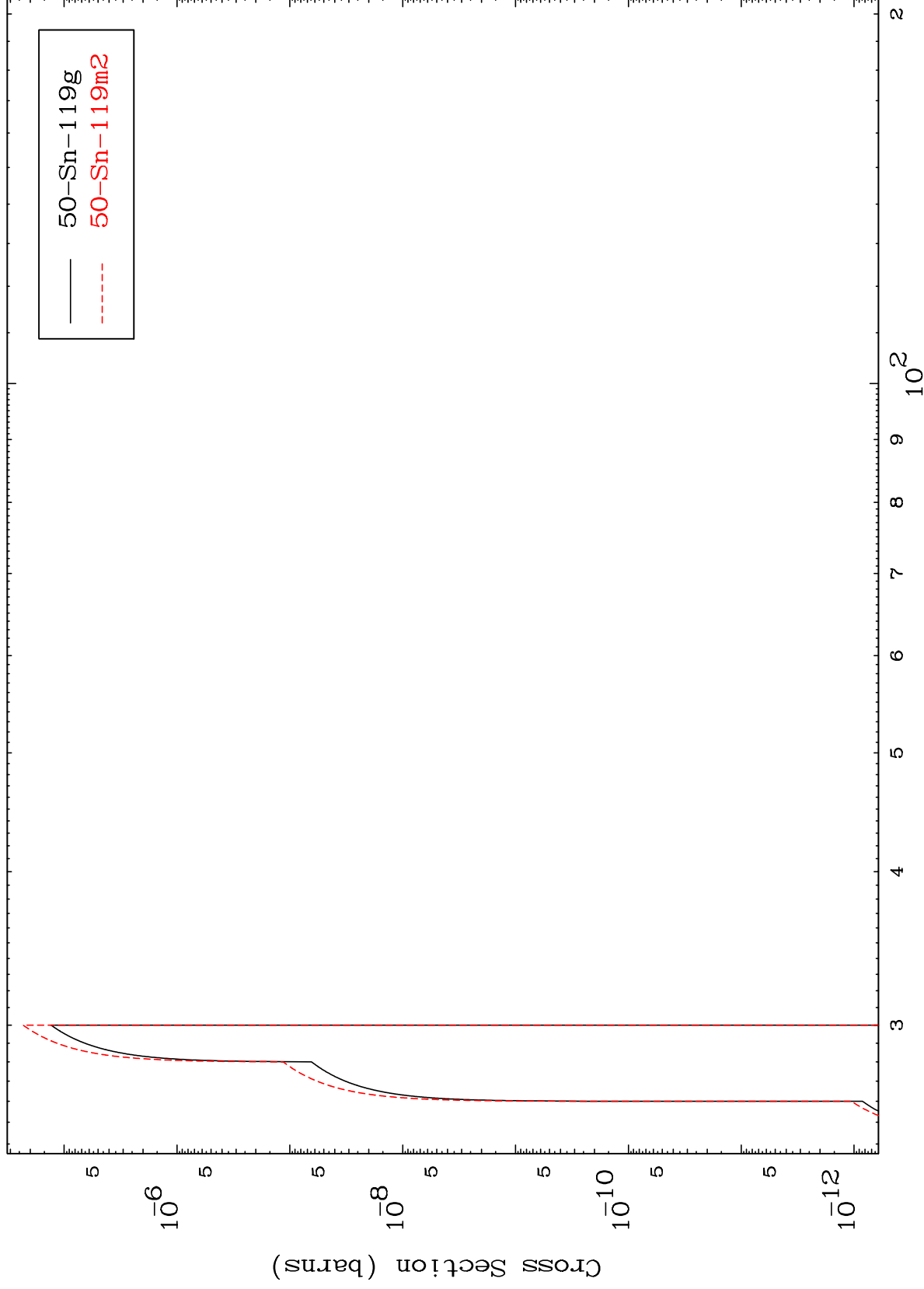
50-Sn-122

MAT 5055

(n,3n) p

50-Sn-122

Radionuclide Production Cross Section



21

Incident Energy (MeV)

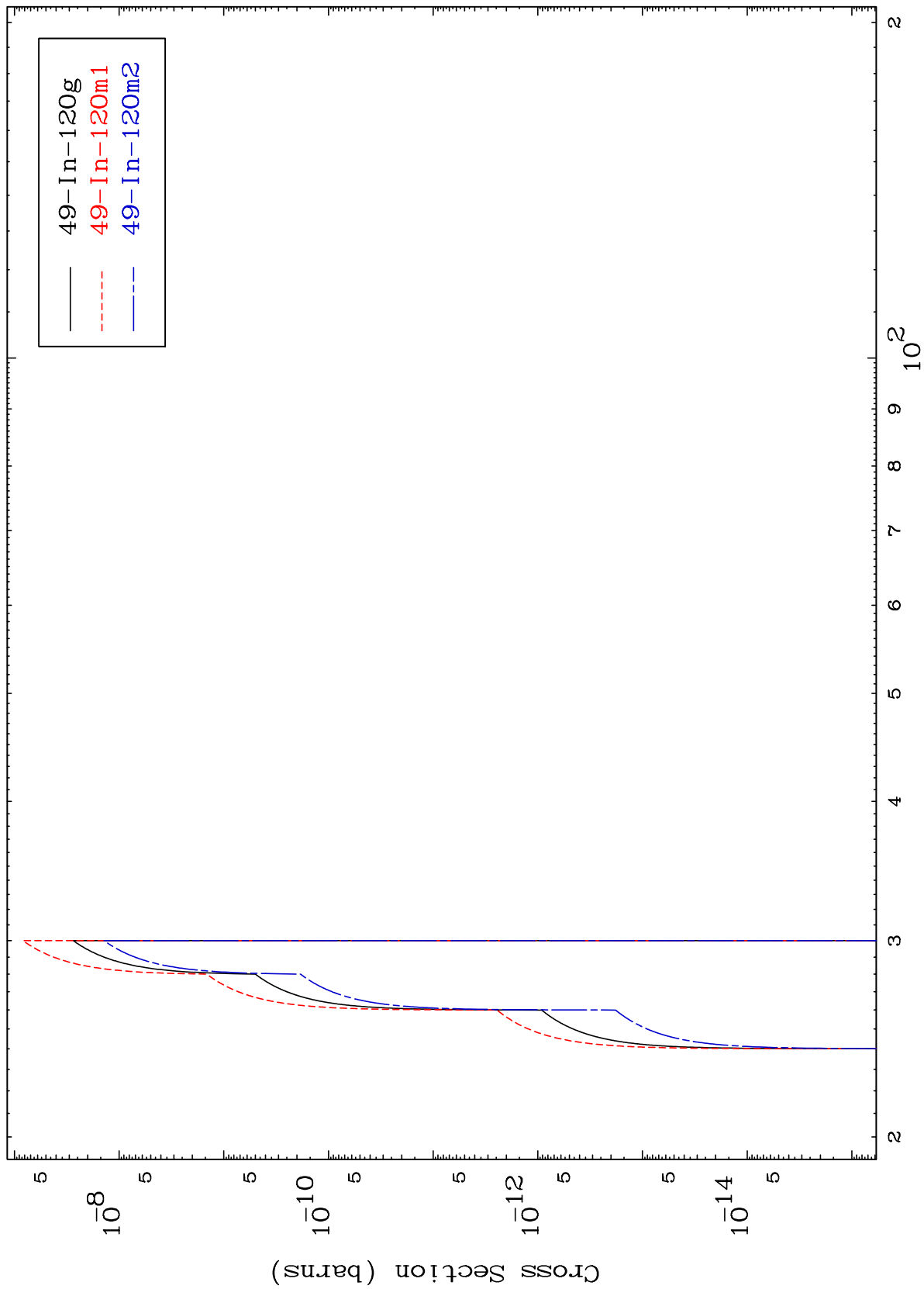
50-Sn-122

MAT 5055

(n,2n) p

50-Sn-122

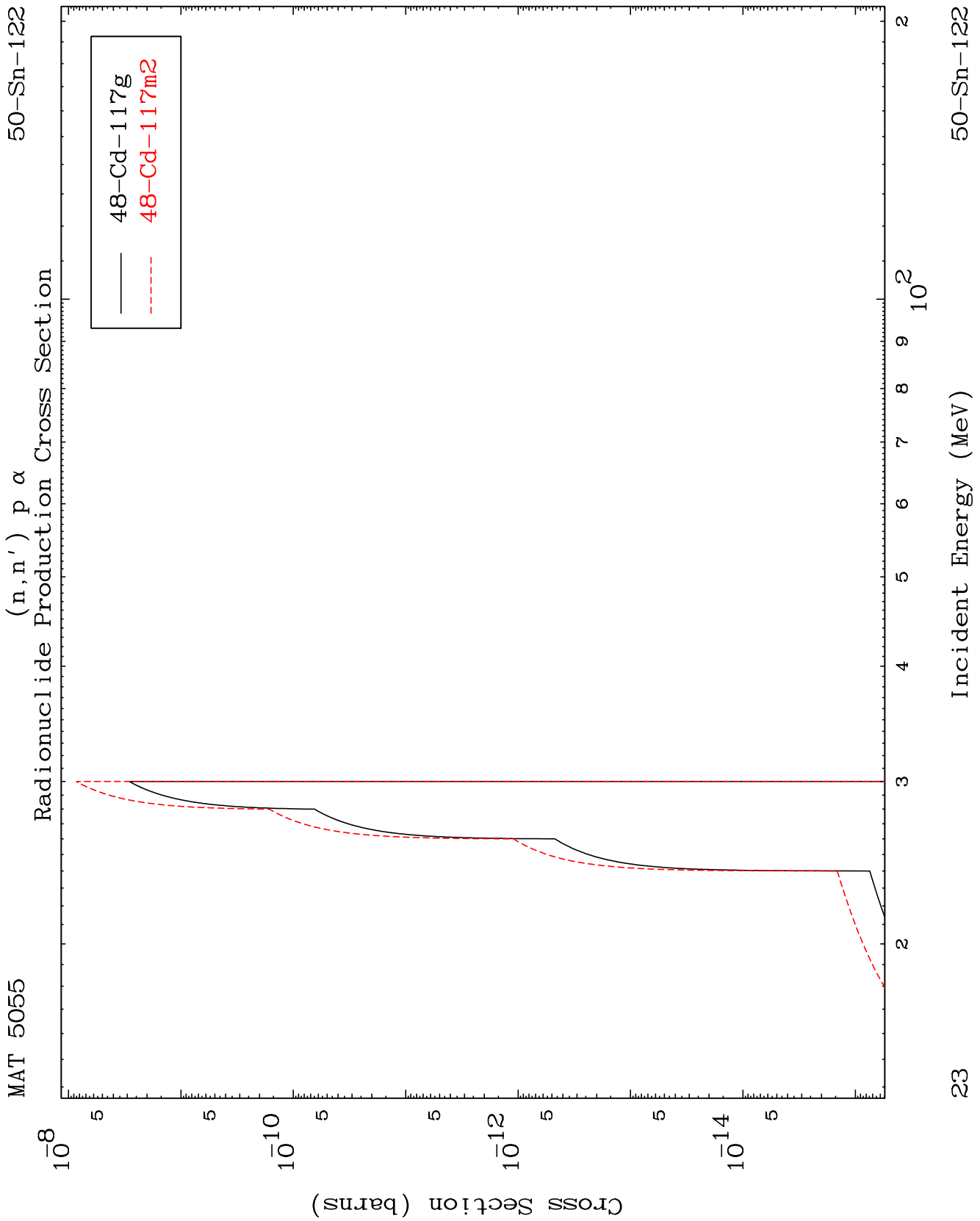
Radionuclide Production Cross Section



22

Incident Energy (MeV)

50-Sn-122

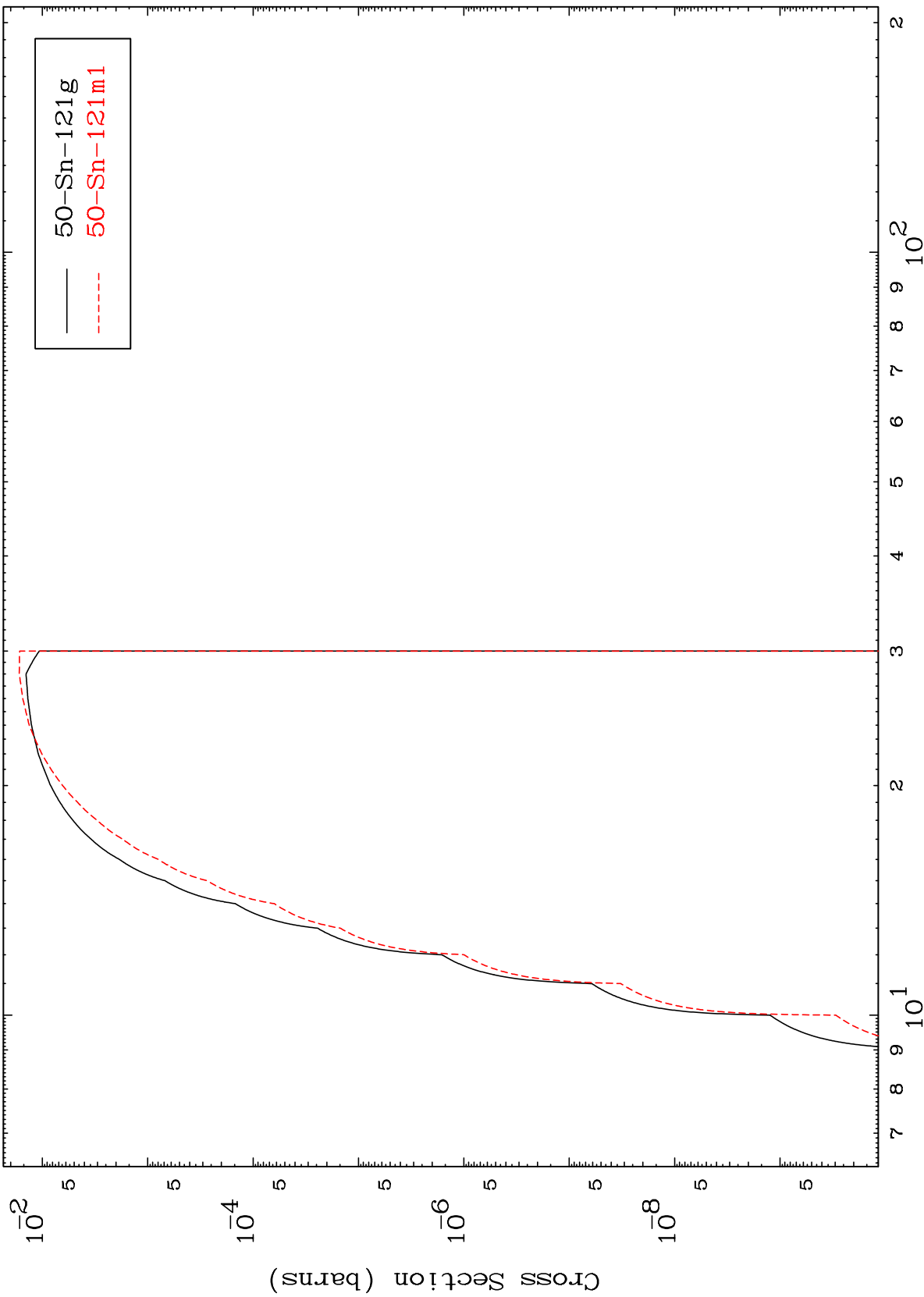


MAT 5055

(n,d)

50-Sn-122

Radionuclide Production Cross Section

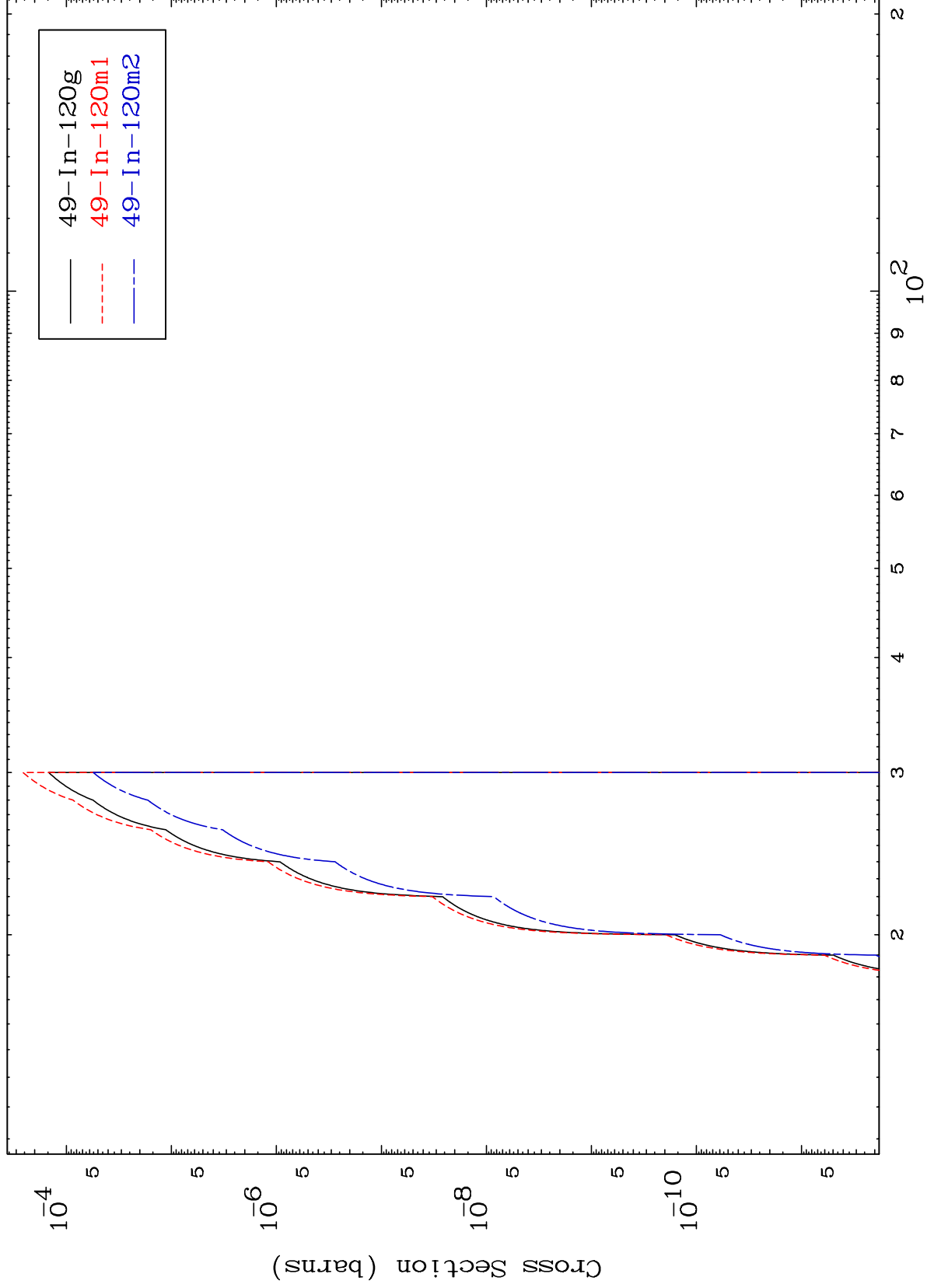


24

Incident Energy (MeV)

50-Sn-122

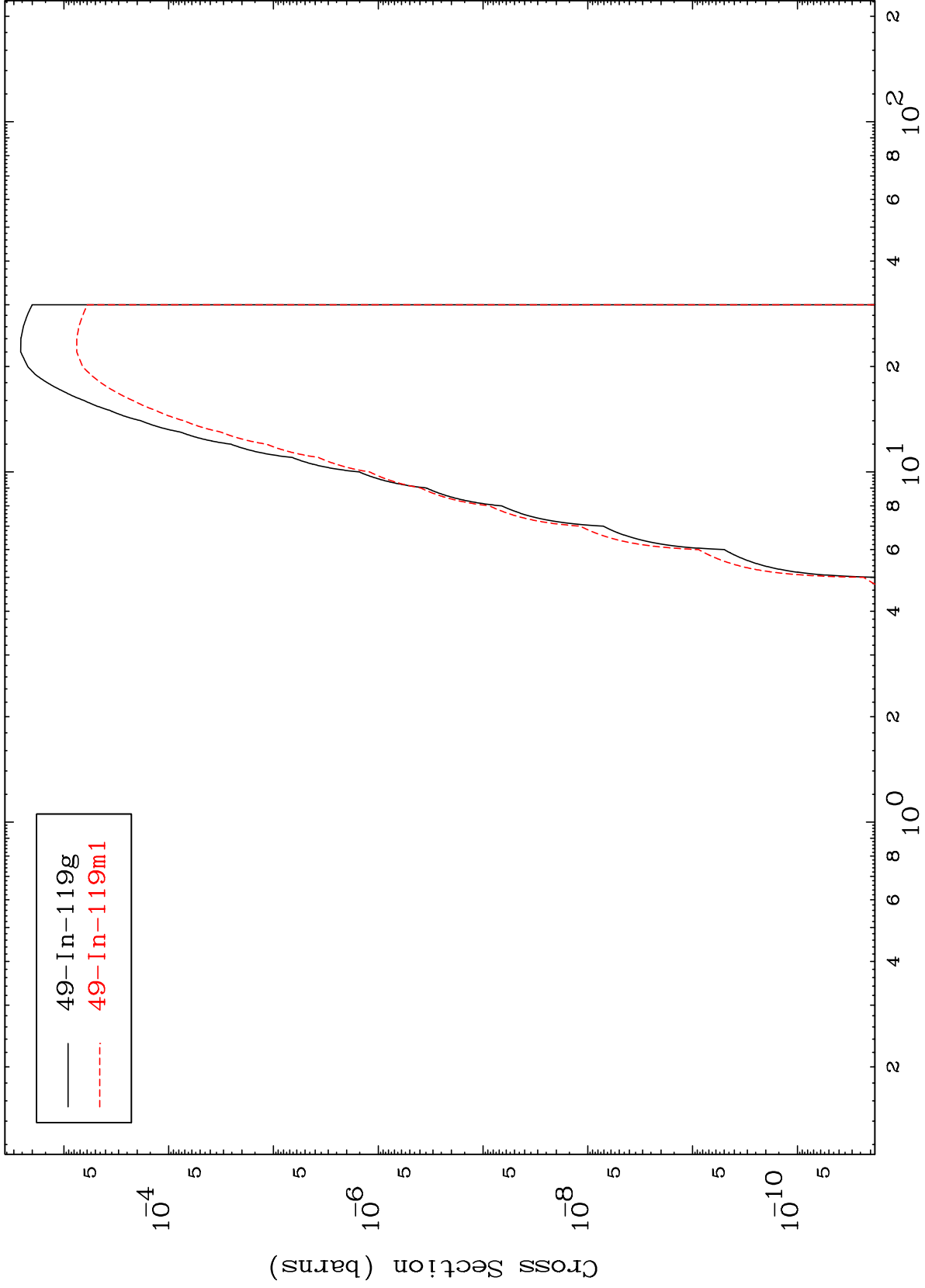
Radionuclide Production Cross Section



MAT 5055

50-Sn-122

Radionuclide Production Cross Section
(n, α)



26

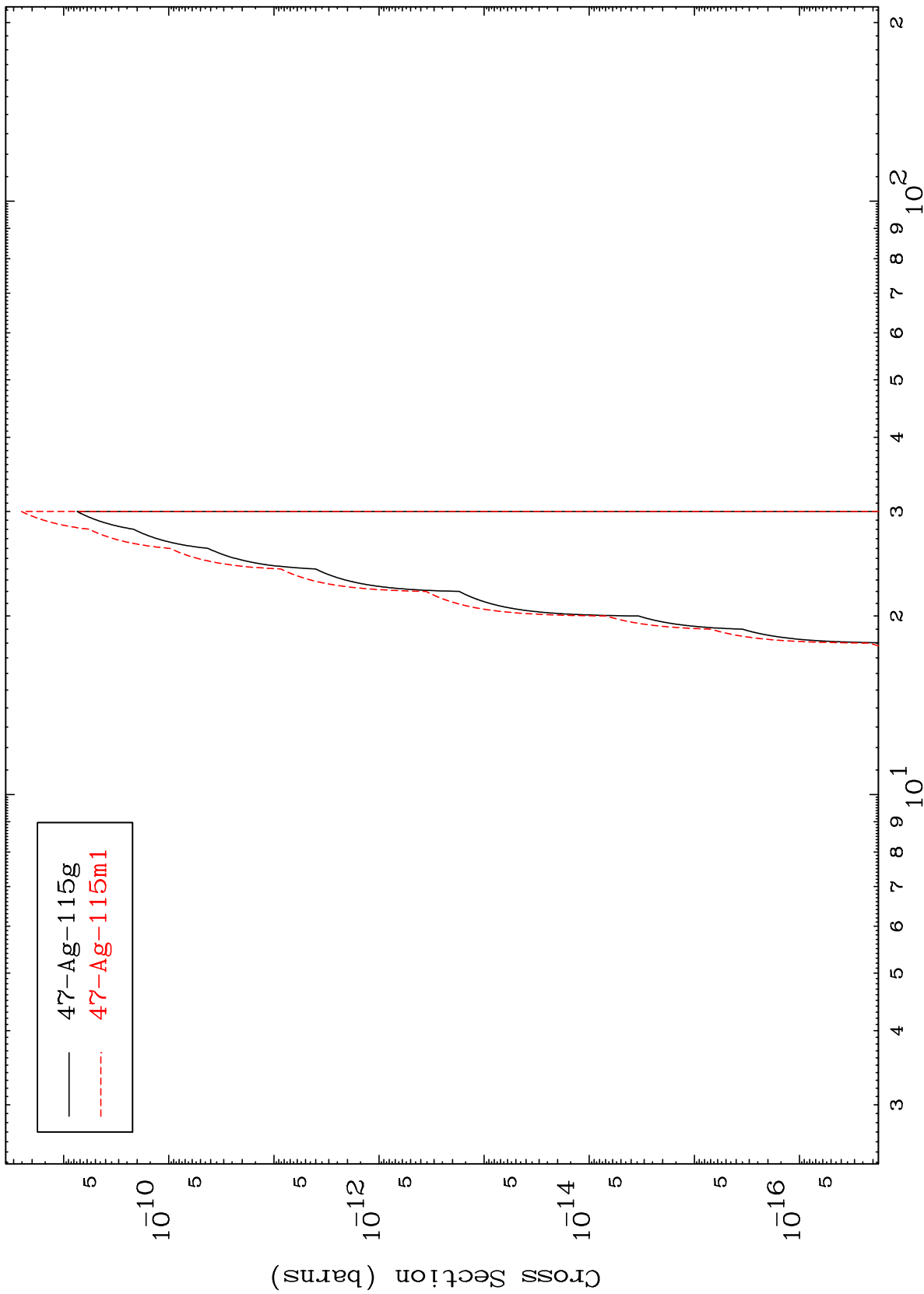
50-Sn-122

Incident Energy (MeV)

MAT 5055

50-Sn-122

(n,2α)
Radionuclide Production Cross Section



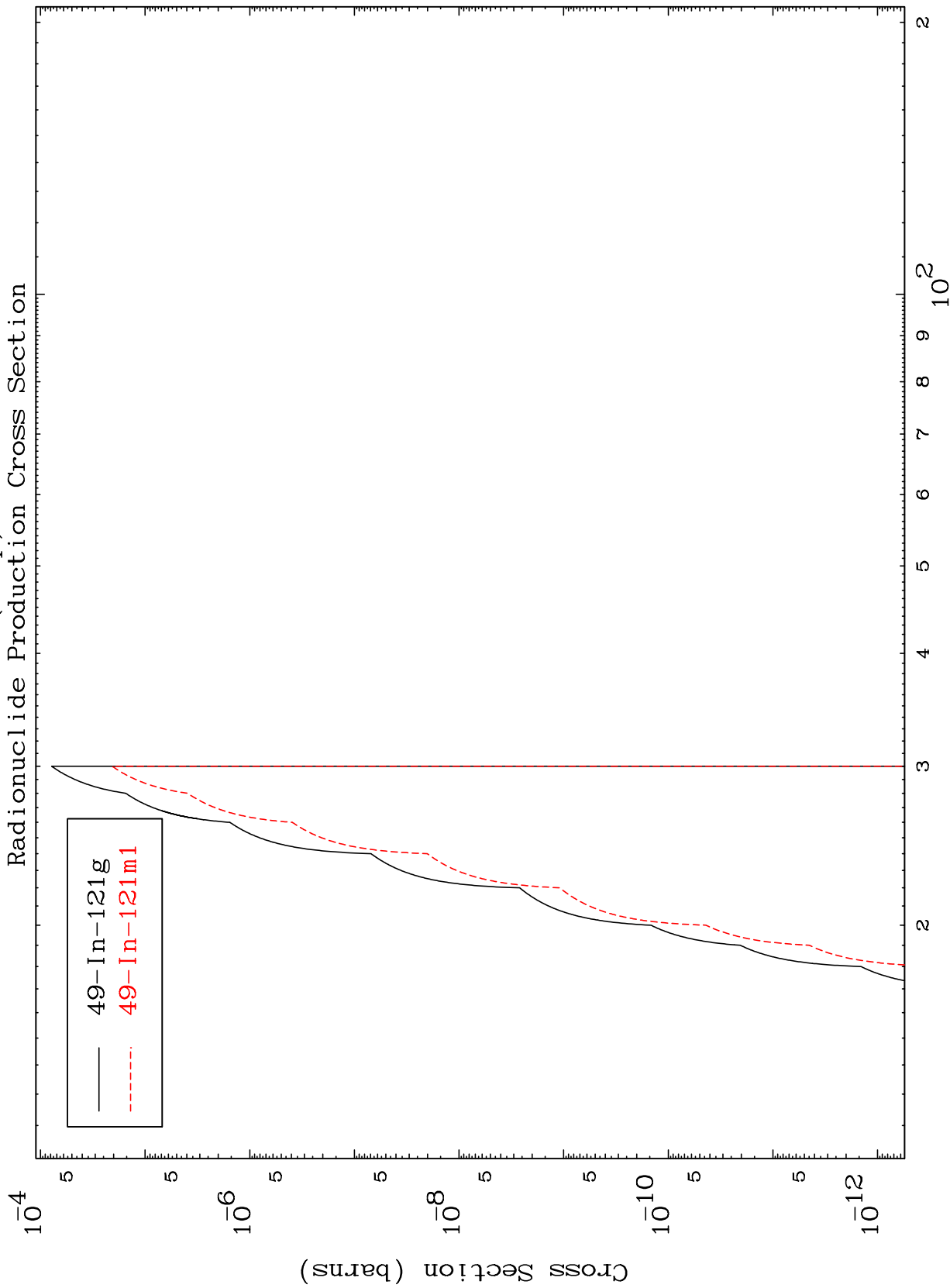
50-Sn-122

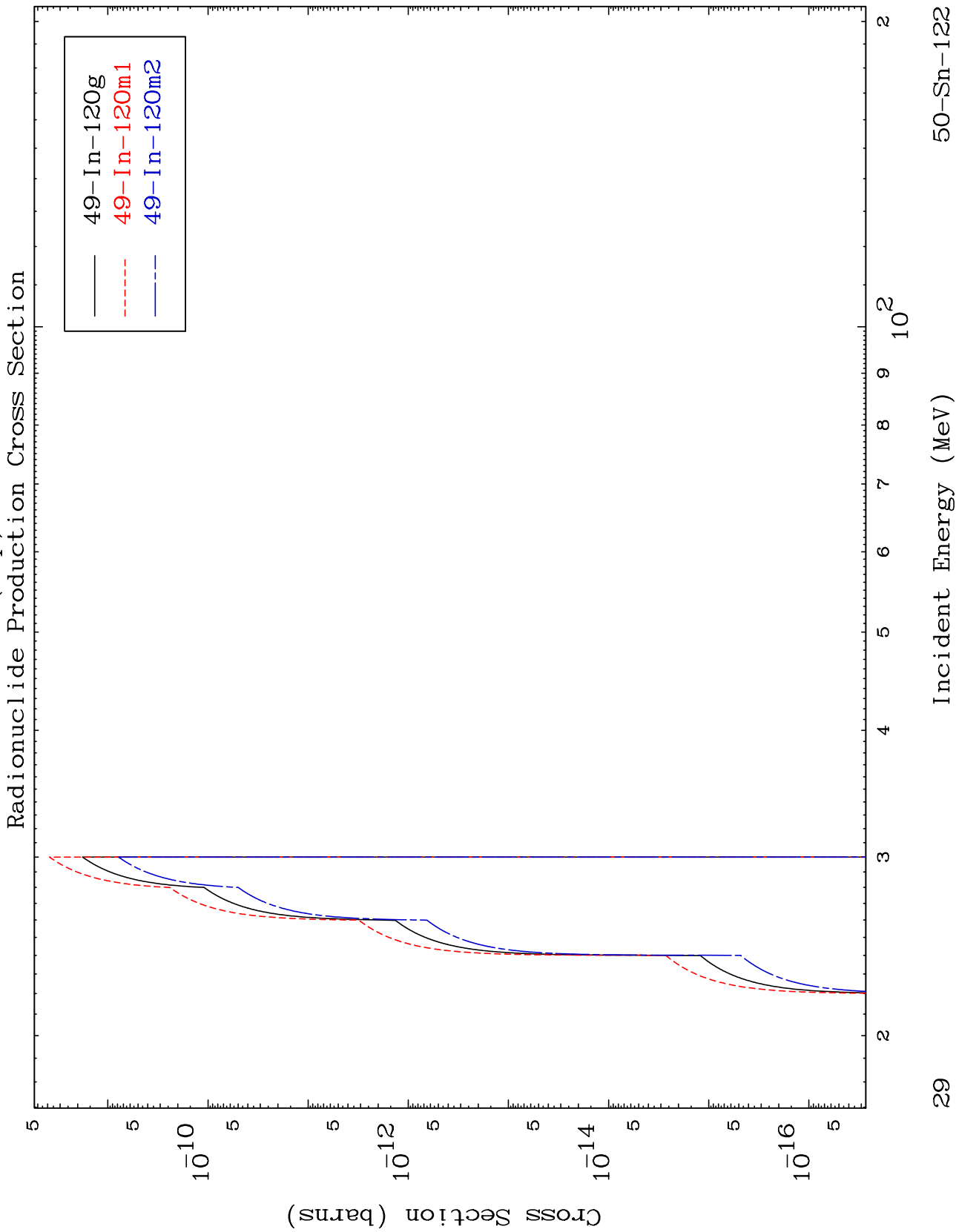
Incident Energy (MeV)

MAT 5055

50-Sn-122

(n,2p)
Radionuclide Production Cross Section



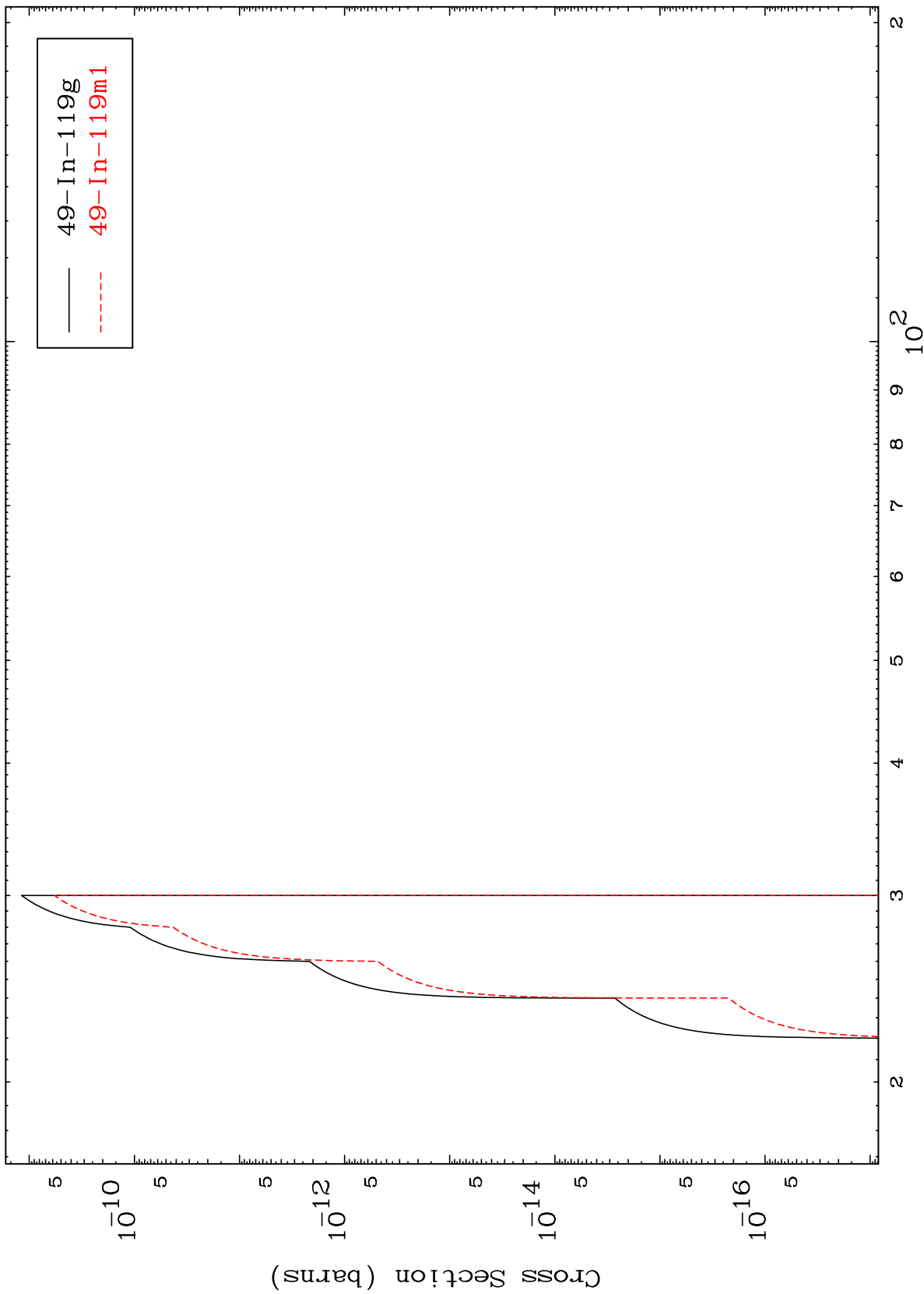


MAT 5055

(n,p) t

50-Sn-122

Radionuclide Production Cross Section



30

Incident Energy (MeV)

50-Sn-122