

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

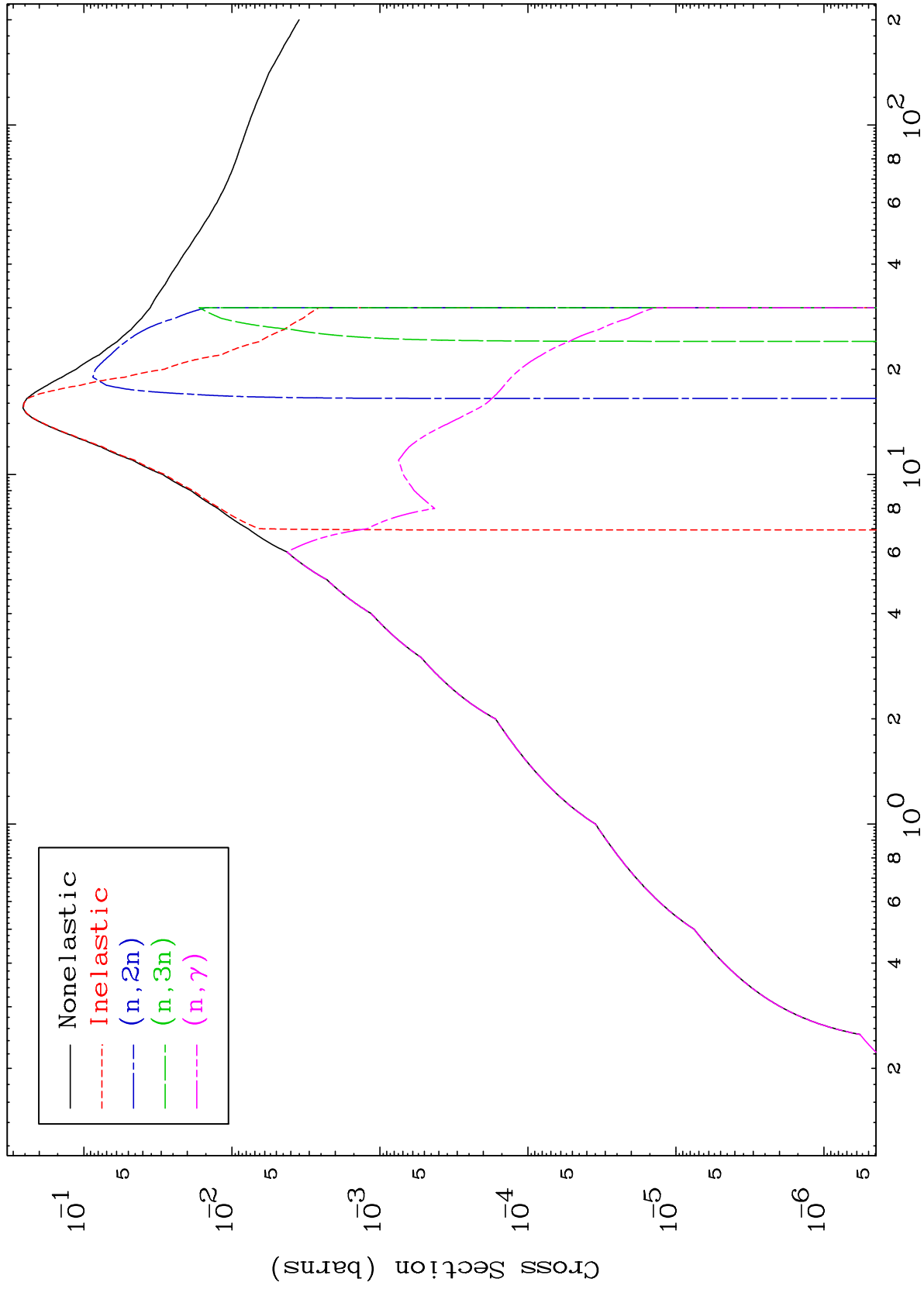
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5040

0 Kelvin Major
Photon Cross Sections

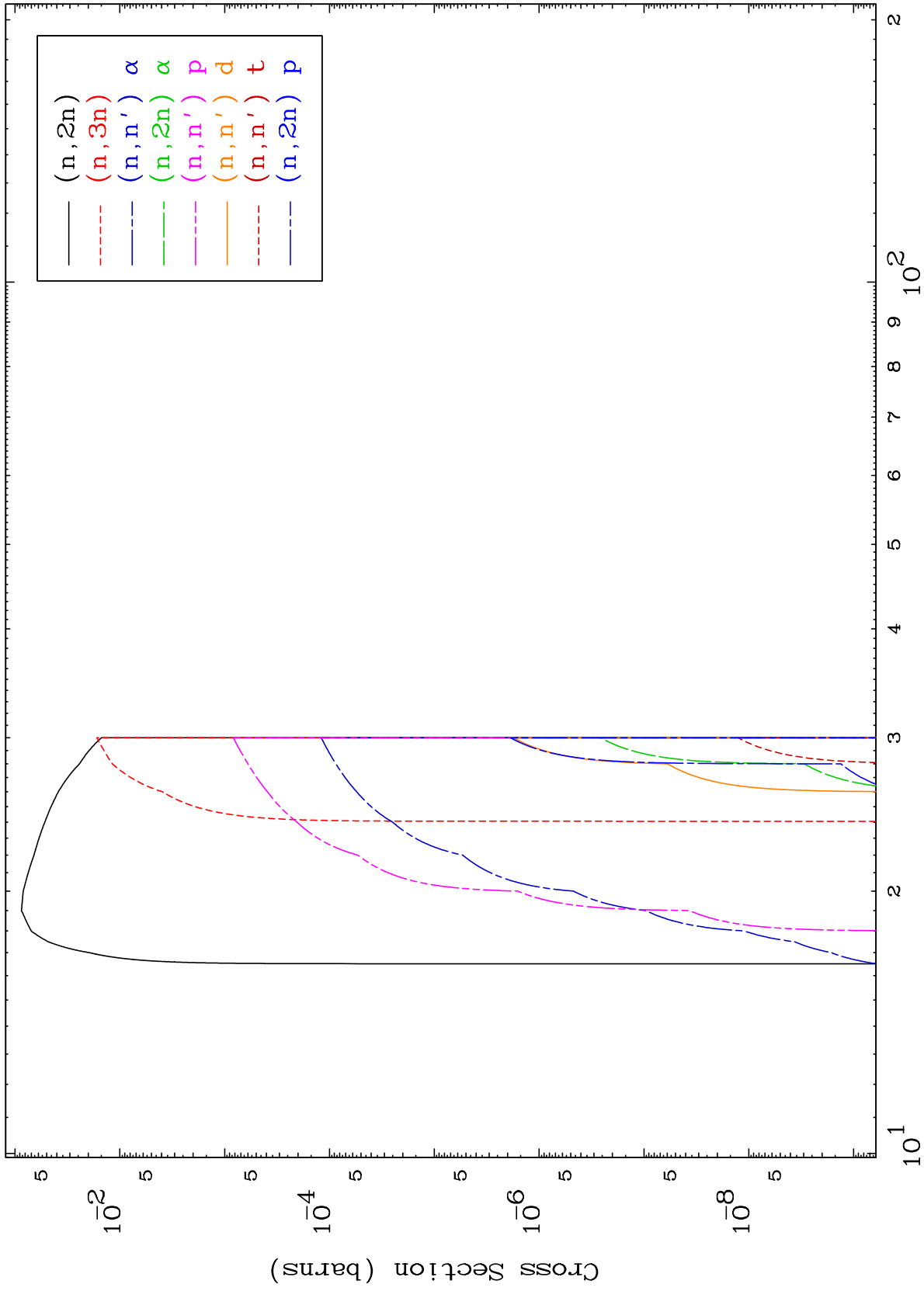
50-Sn-117



MAT 5040

Photon Neutron Absorption
0 Kelvin Cross Sections

50-Sn-117



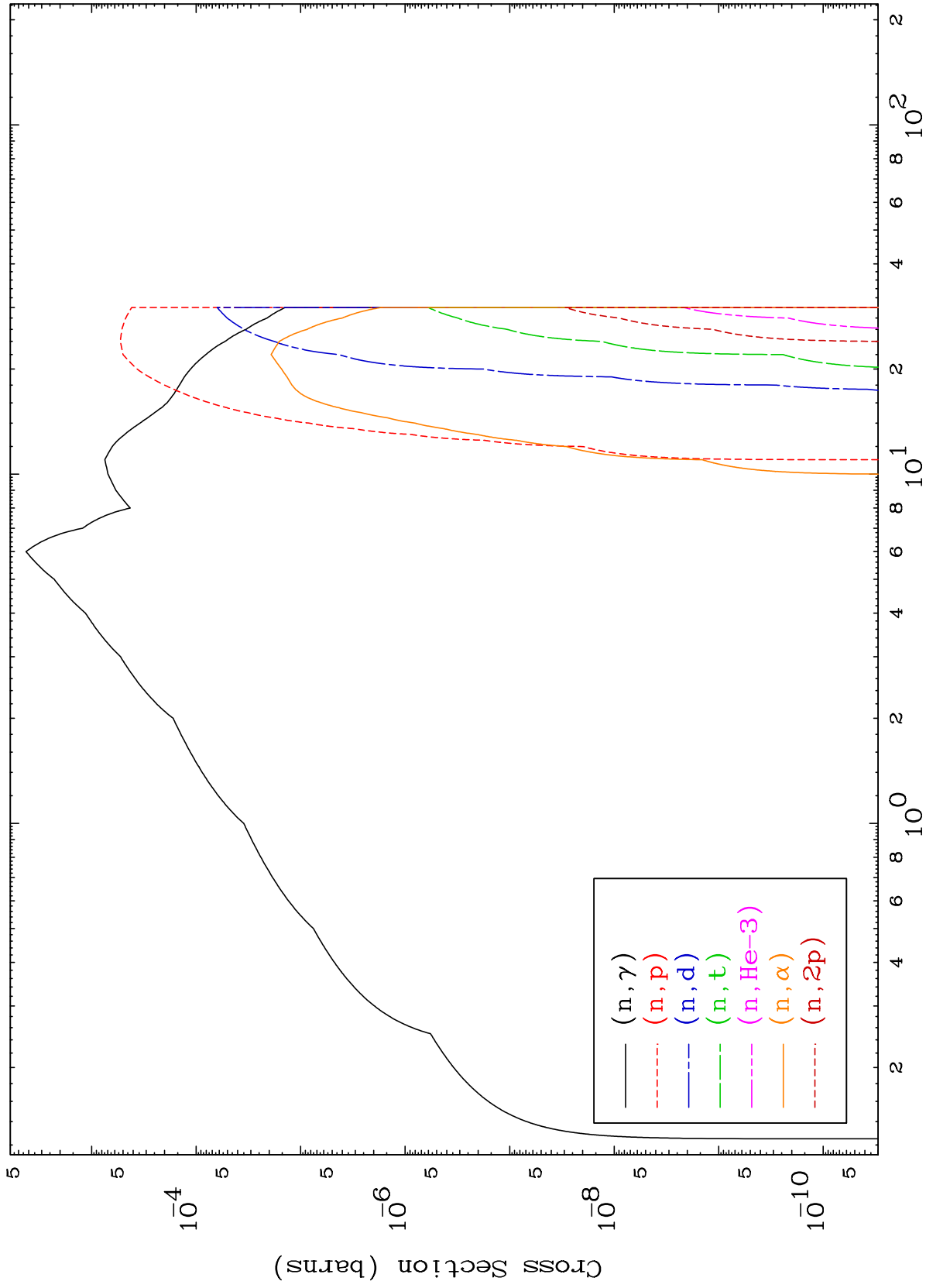
50-Sn-117

Incident Energy (MeV)

MAT 5040

Photon Neutron Absorption
0 Kelvin Cross Sections

50-Sn-117



3

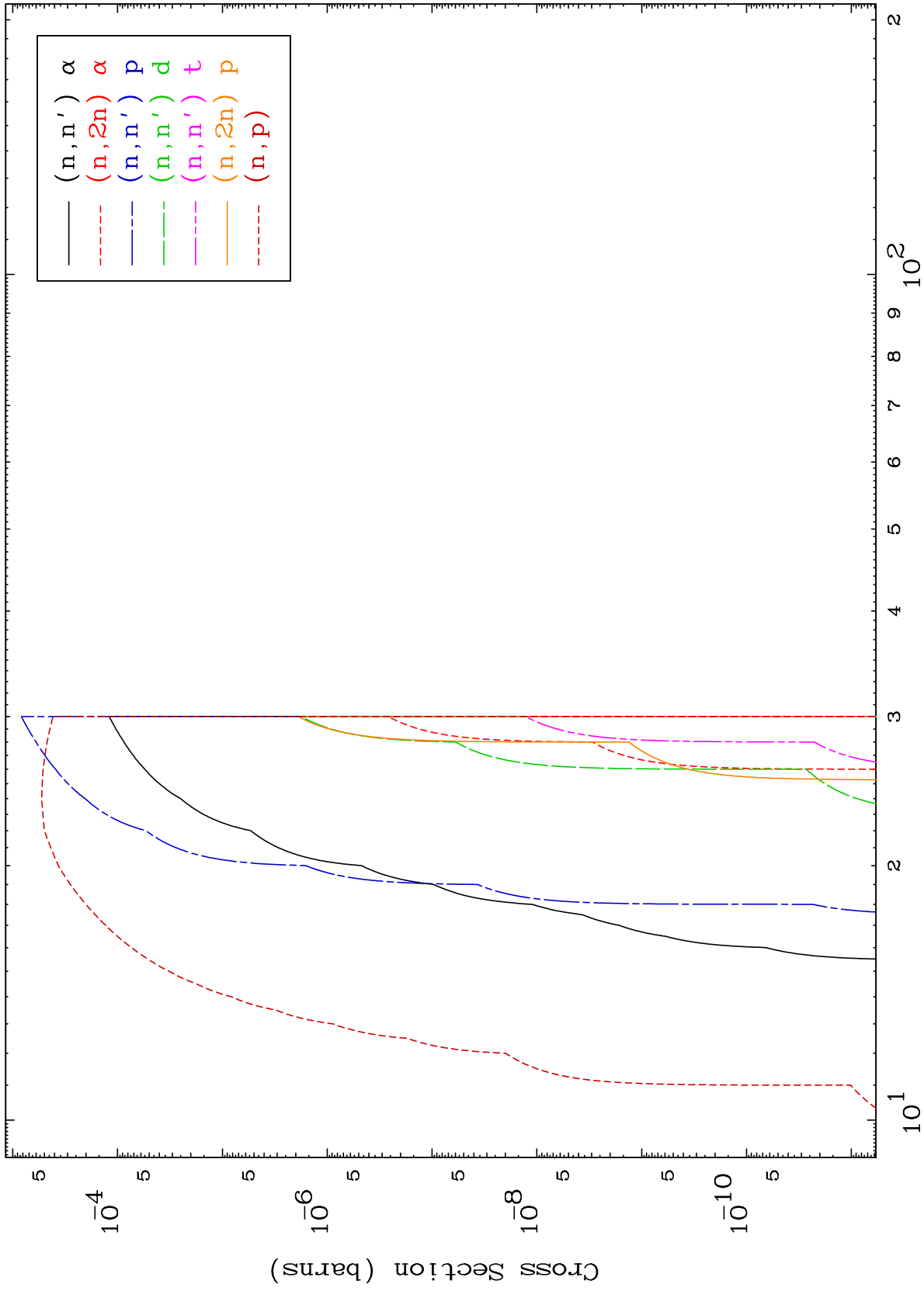
Incident Energy (MeV)

50-Sn-117

MAT 5040

Photon Charged Particle
0 Kelvin Cross Sections

50-Sn-117



50-Sn-117

Incident Energy (MeV)

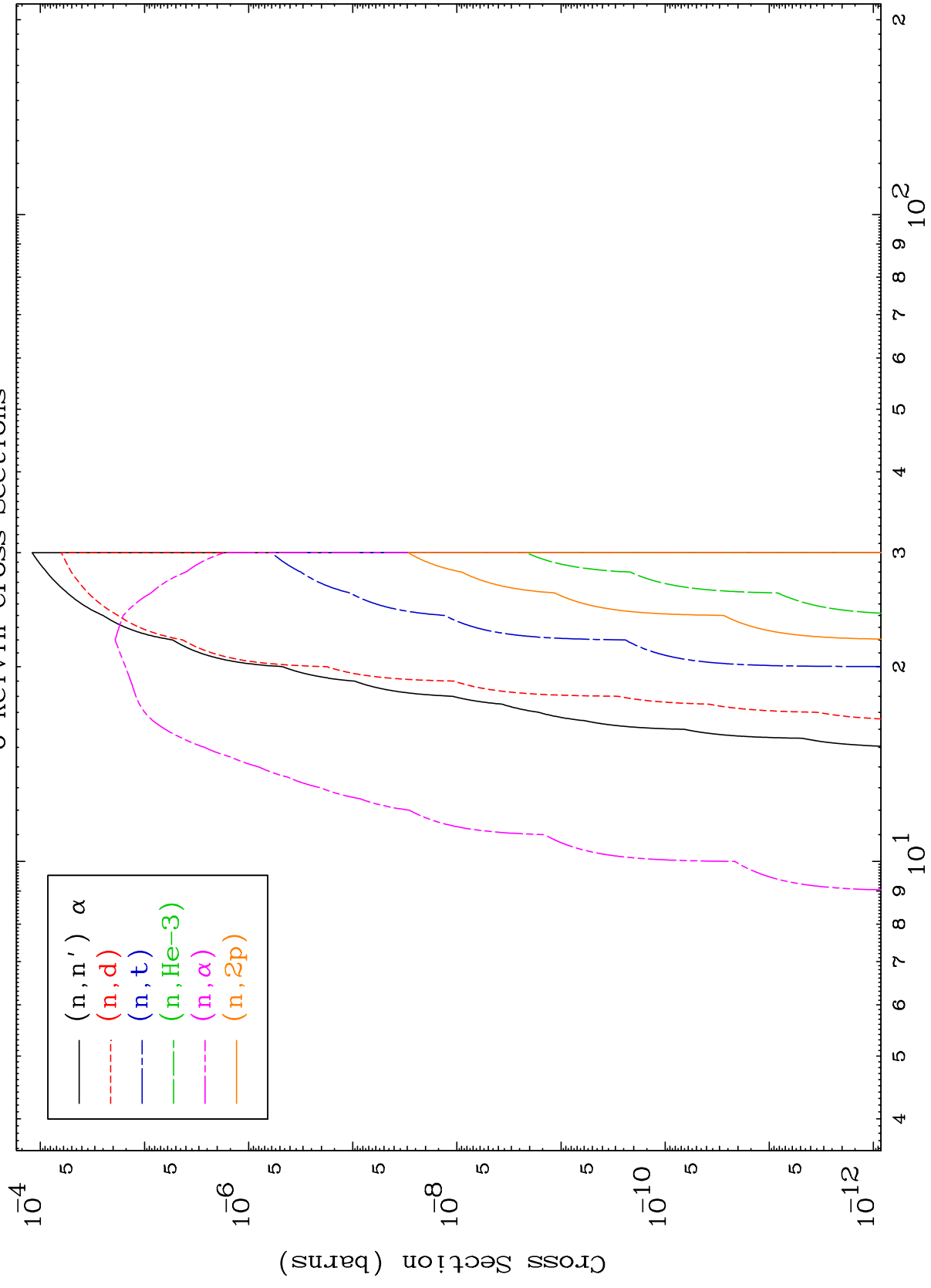
10¹

10²

MAT 5040

Photon Charged Particle
0 Kelvin Cross Sections

50-Sn-117



5

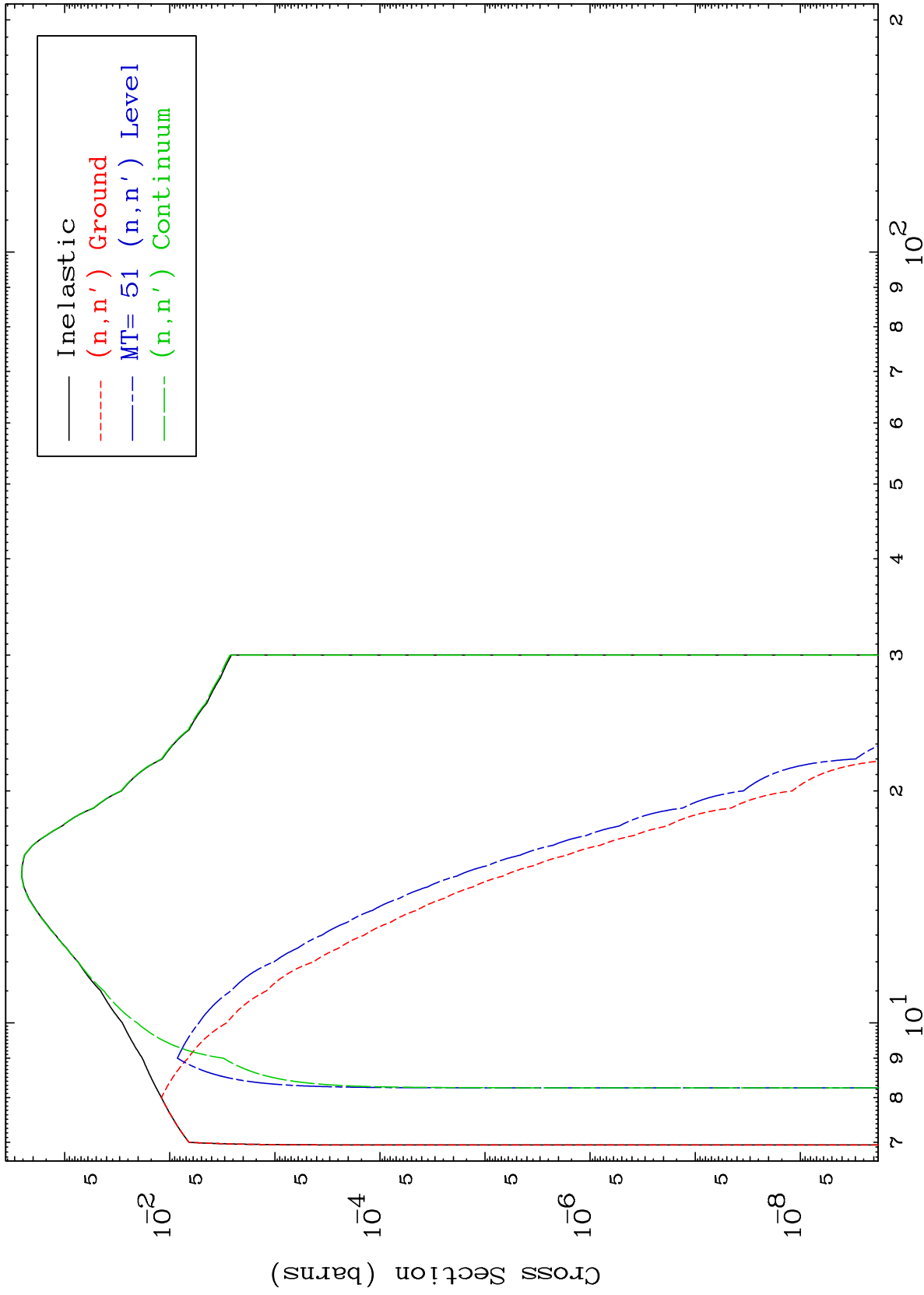
Incident Energy (MeV)

50-Sn-117

MAT 5040

(γ, n') Levels
0 Kelvin Cross Sections

50-Sn-117



6

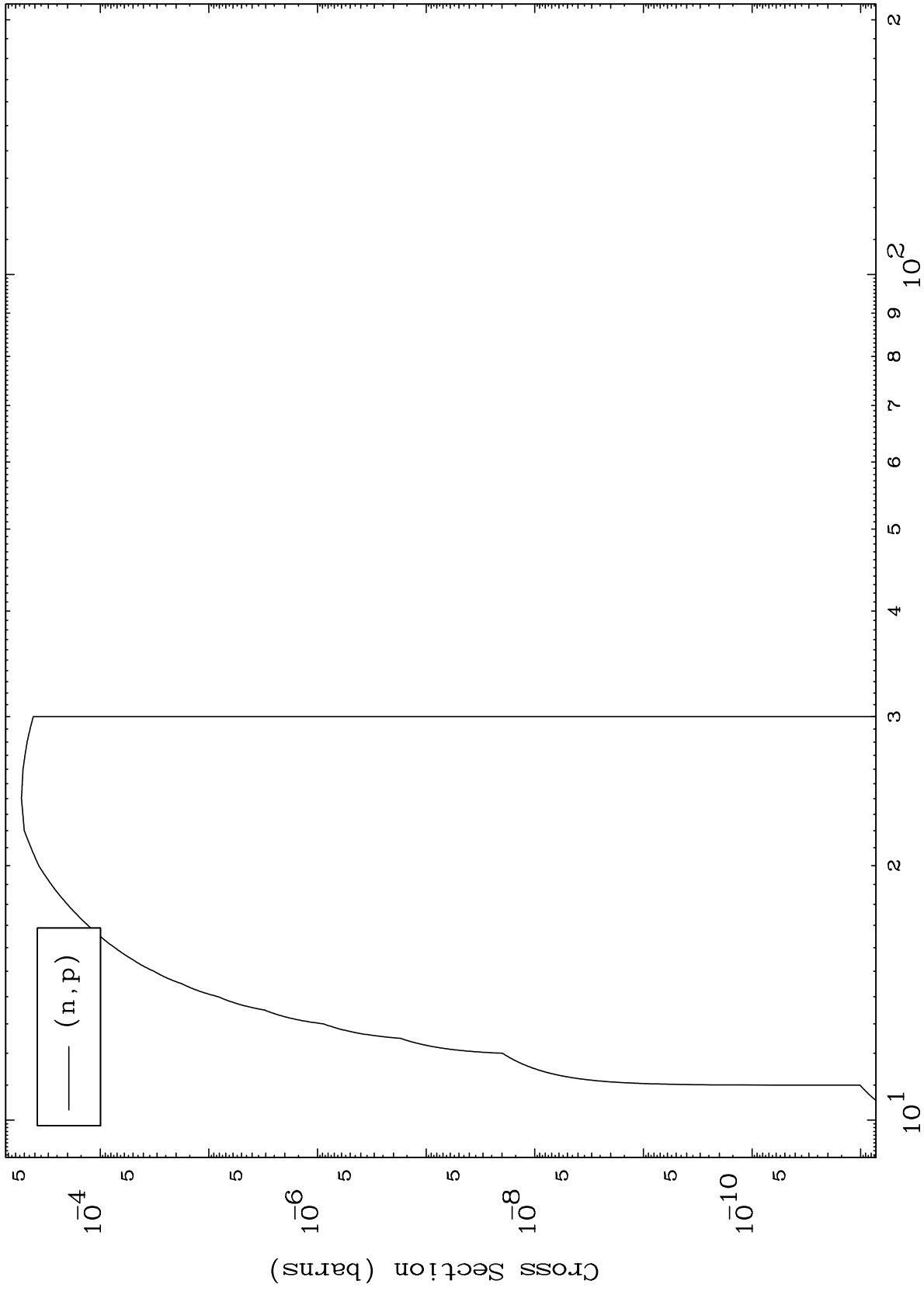
Incident Energy (MeV)

50-Sn-117

MAT 5040

(γ, p) Levels
0 Kelvin Cross Sections

50-Sn-117



7

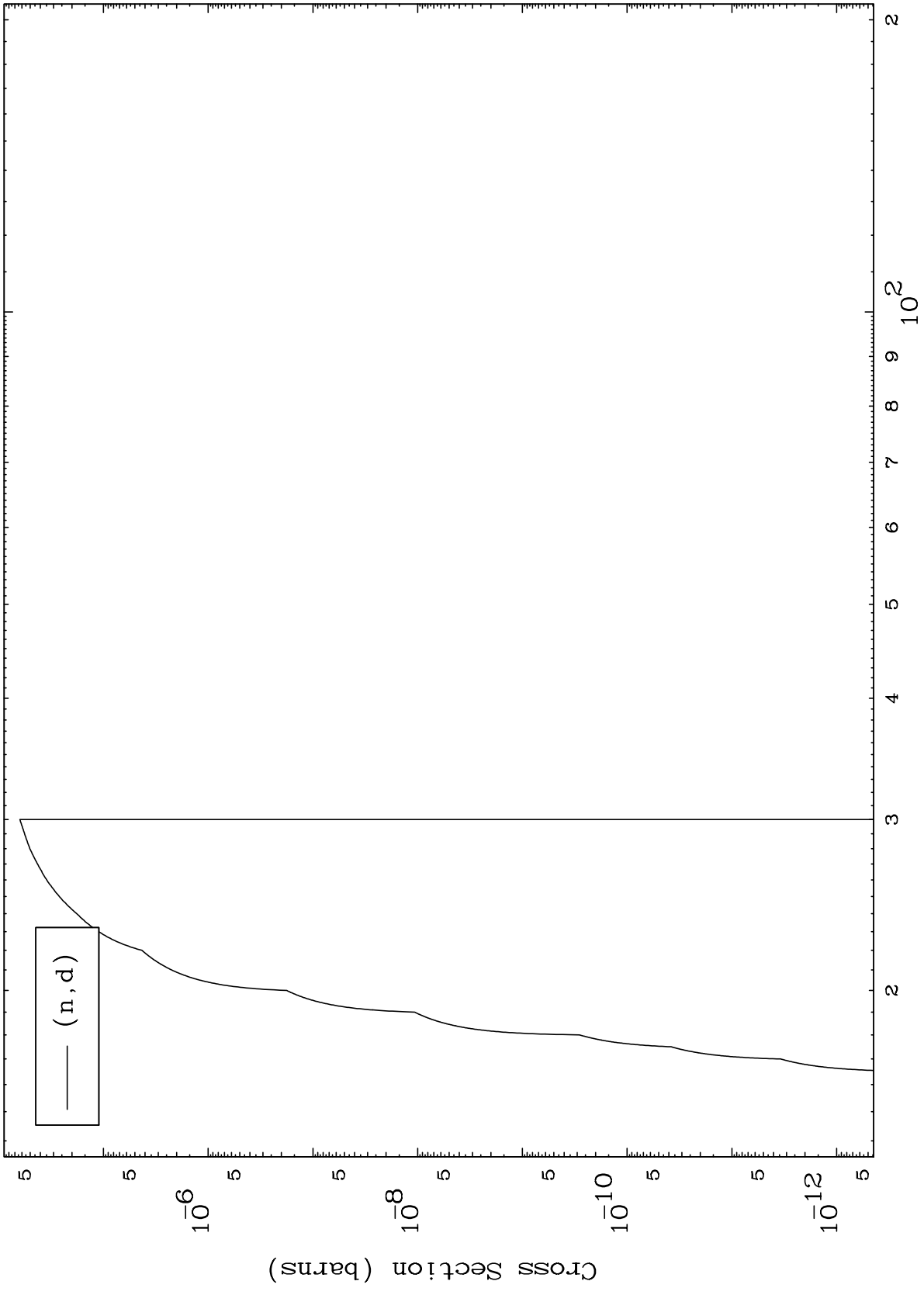
Incident Energy (MeV)

50-Sn-117

MAT 5040

(γ, d) Levels
0 Kelvin Cross Sections

50-Sn-117



8

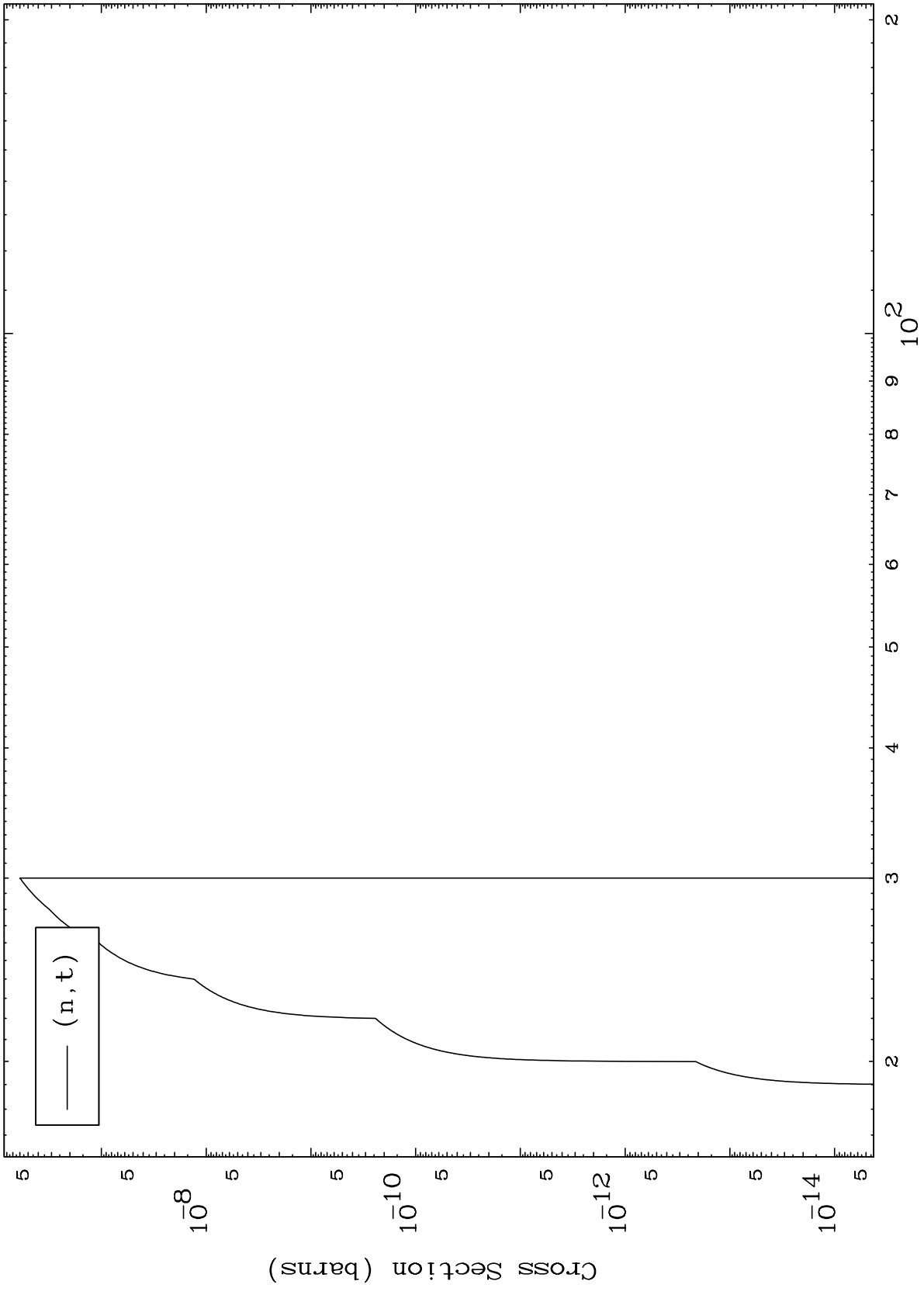
Incident Energy (MeV)

50-Sn-117

MAT 5040

(γ, t) Levels
0 Kelvin Cross Sections

50-Sn-117



9

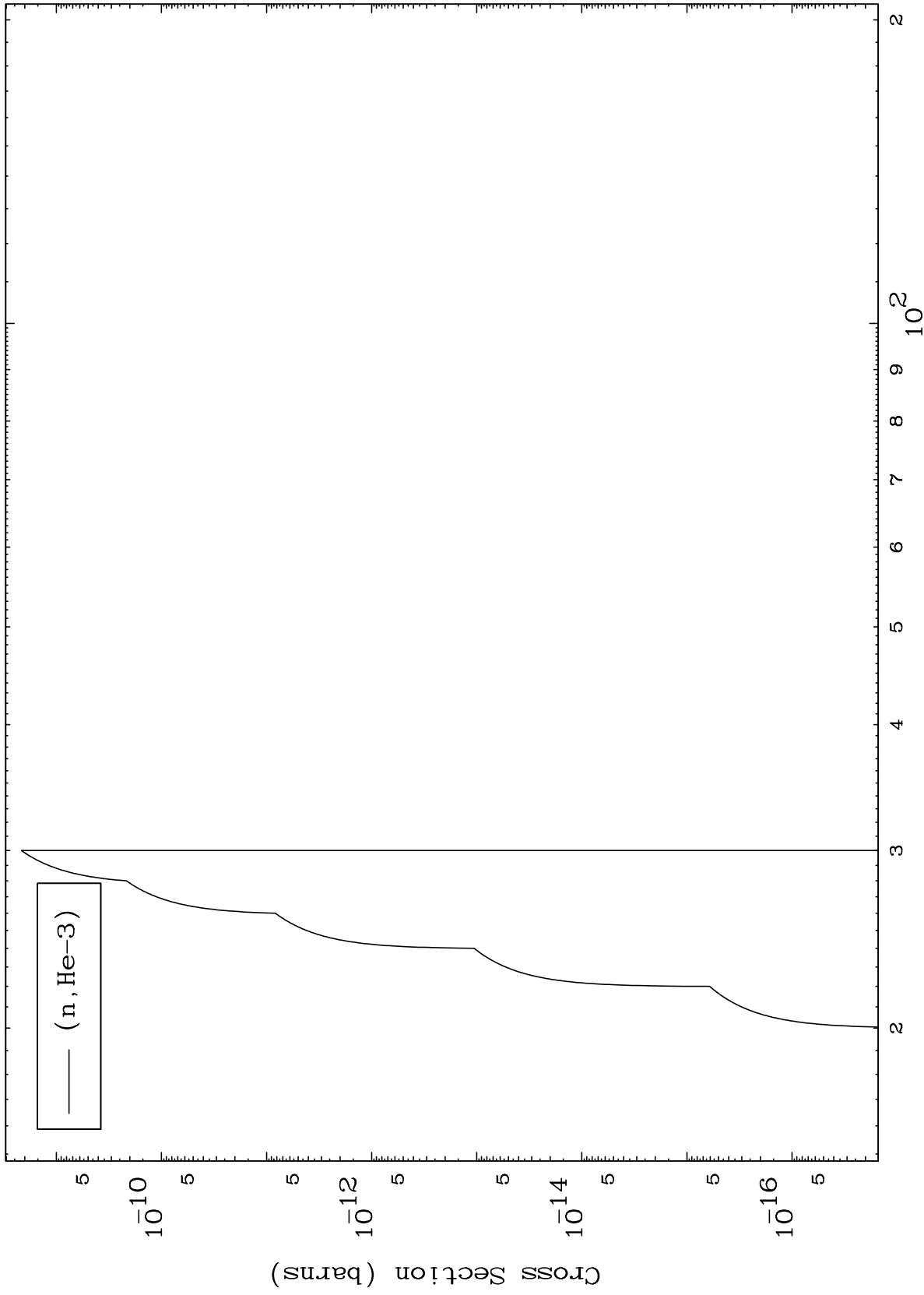
Incident Energy (MeV)

50-Sn-117

MAT 5040

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

50-Sn-117



10

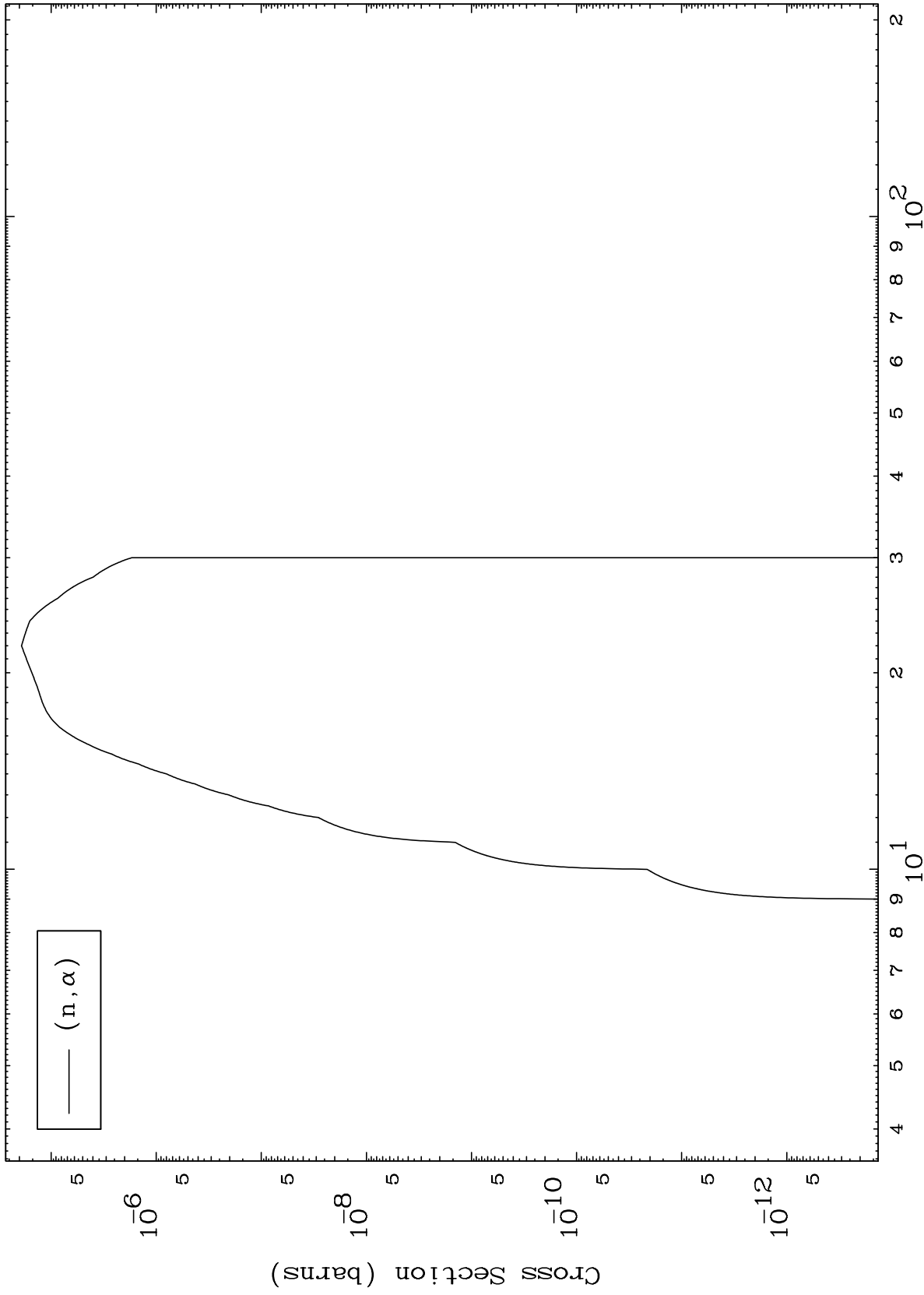
Incident Energy (MeV)

50-Sn-117

MAT 5040

(γ, α) Levels
0 Kelvin Cross Sections

50-Sn-117

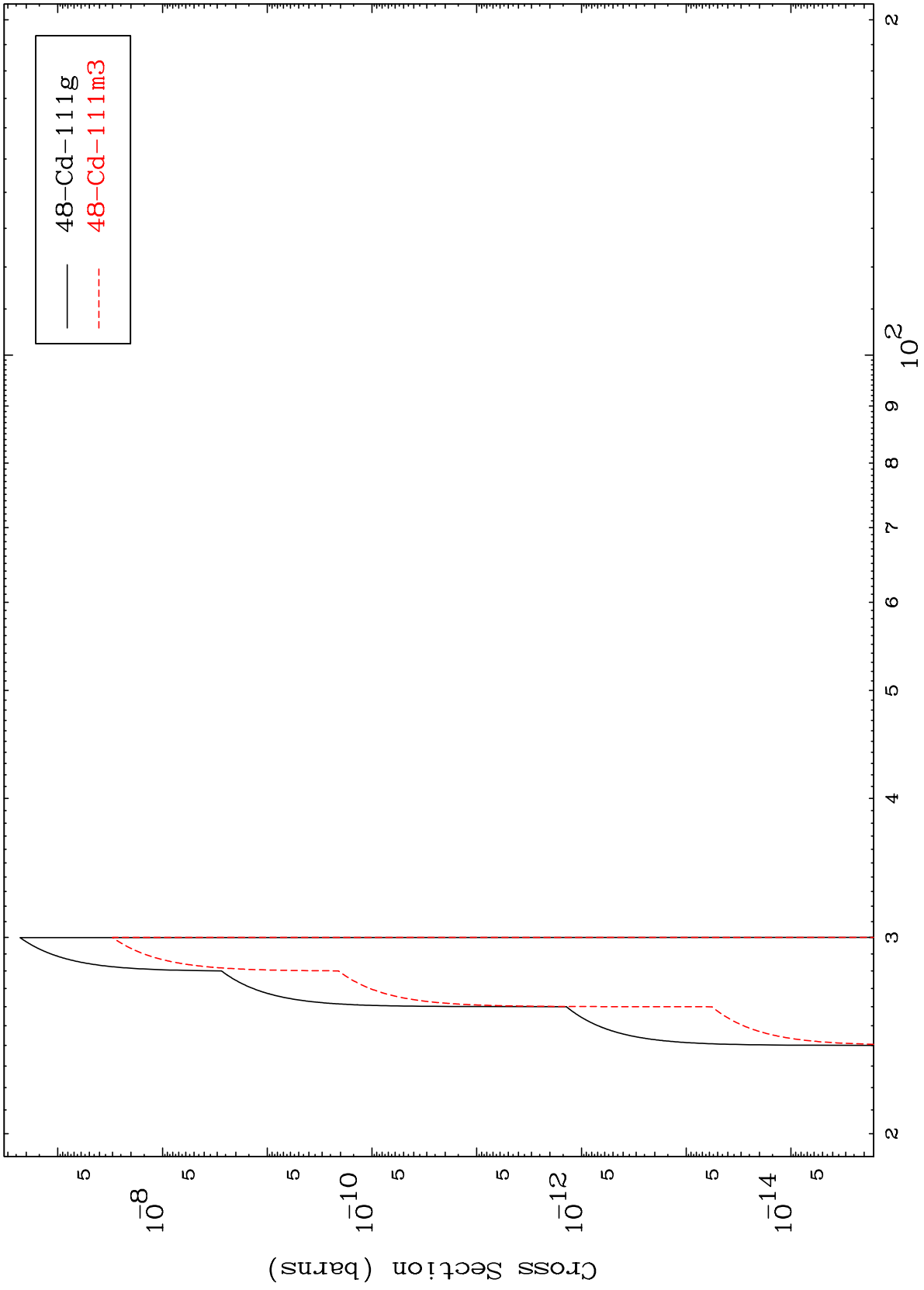


MAT 5040

(n,2n) α

50-Sn-117

Radionuclide Production Cross Section



12

Incident Energy (MeV)

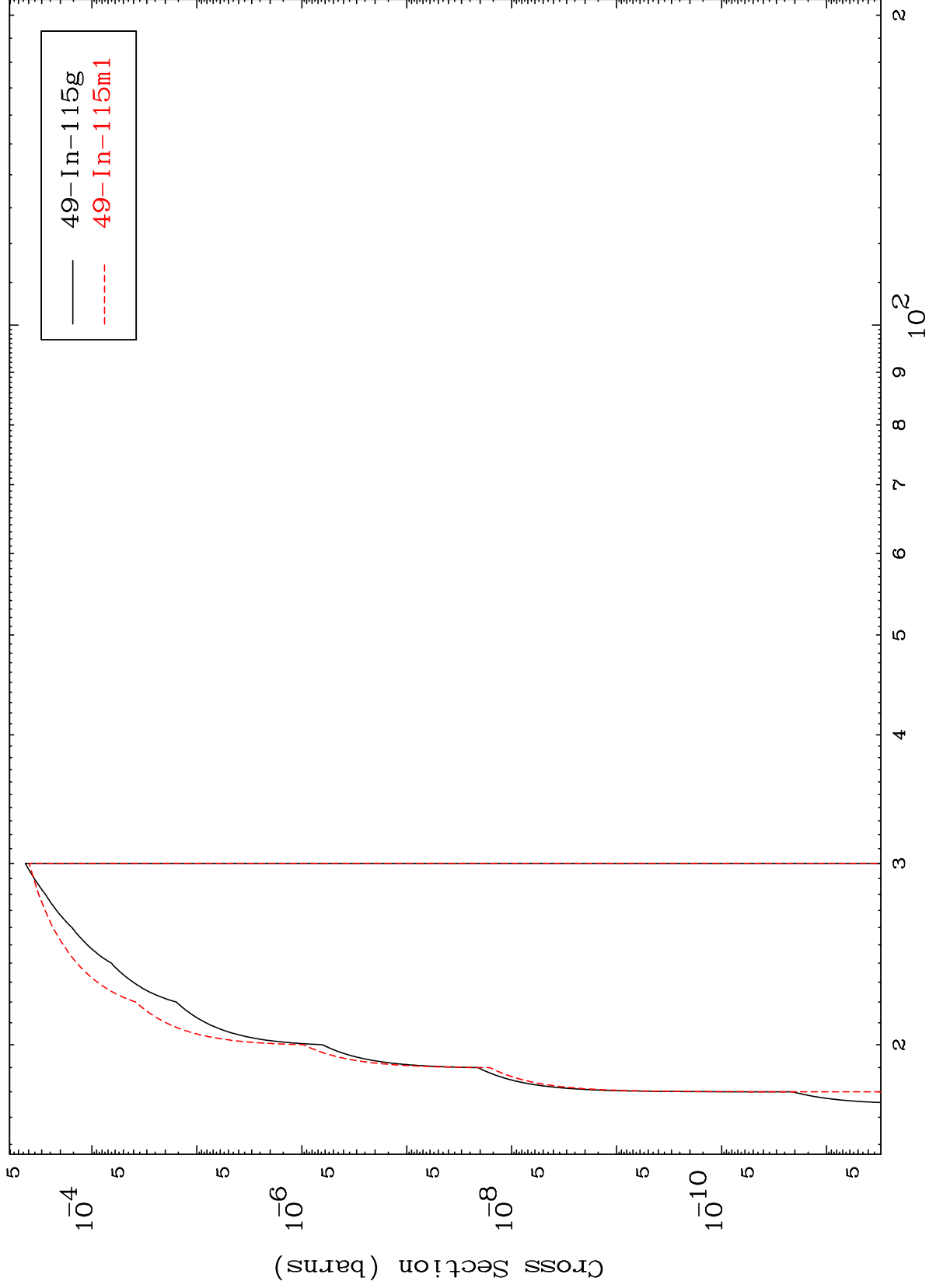
50-Sn-117

MAT 5040

(n,n') p

50-Sn-117

Radionuclide Production Cross Section



13

Incident Energy (MeV)

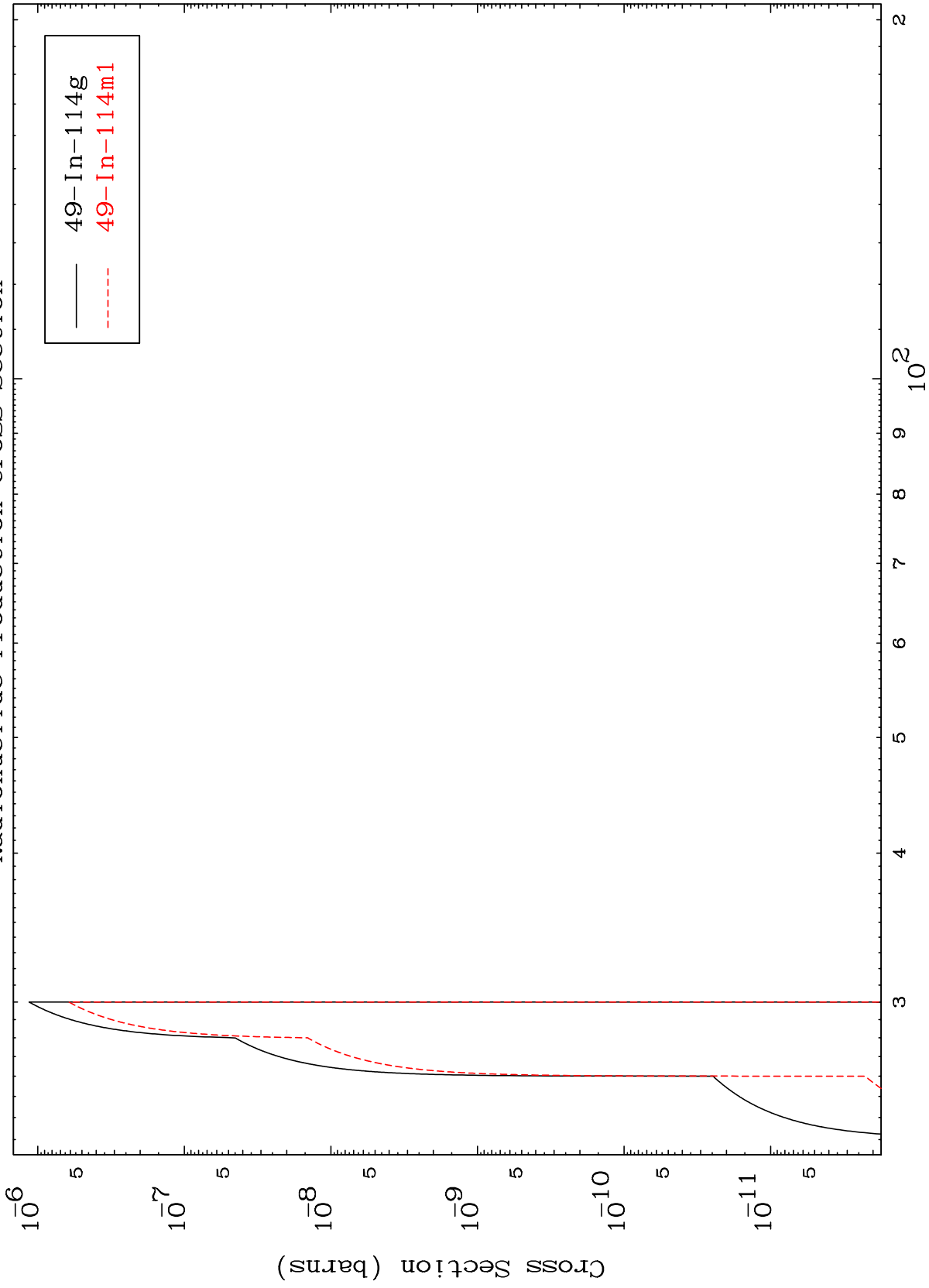
50-Sn-117

MAT 5040

(n,n') d

50-Sn-117

Radionuclide Production Cross Section



14

Incident Energy (MeV)

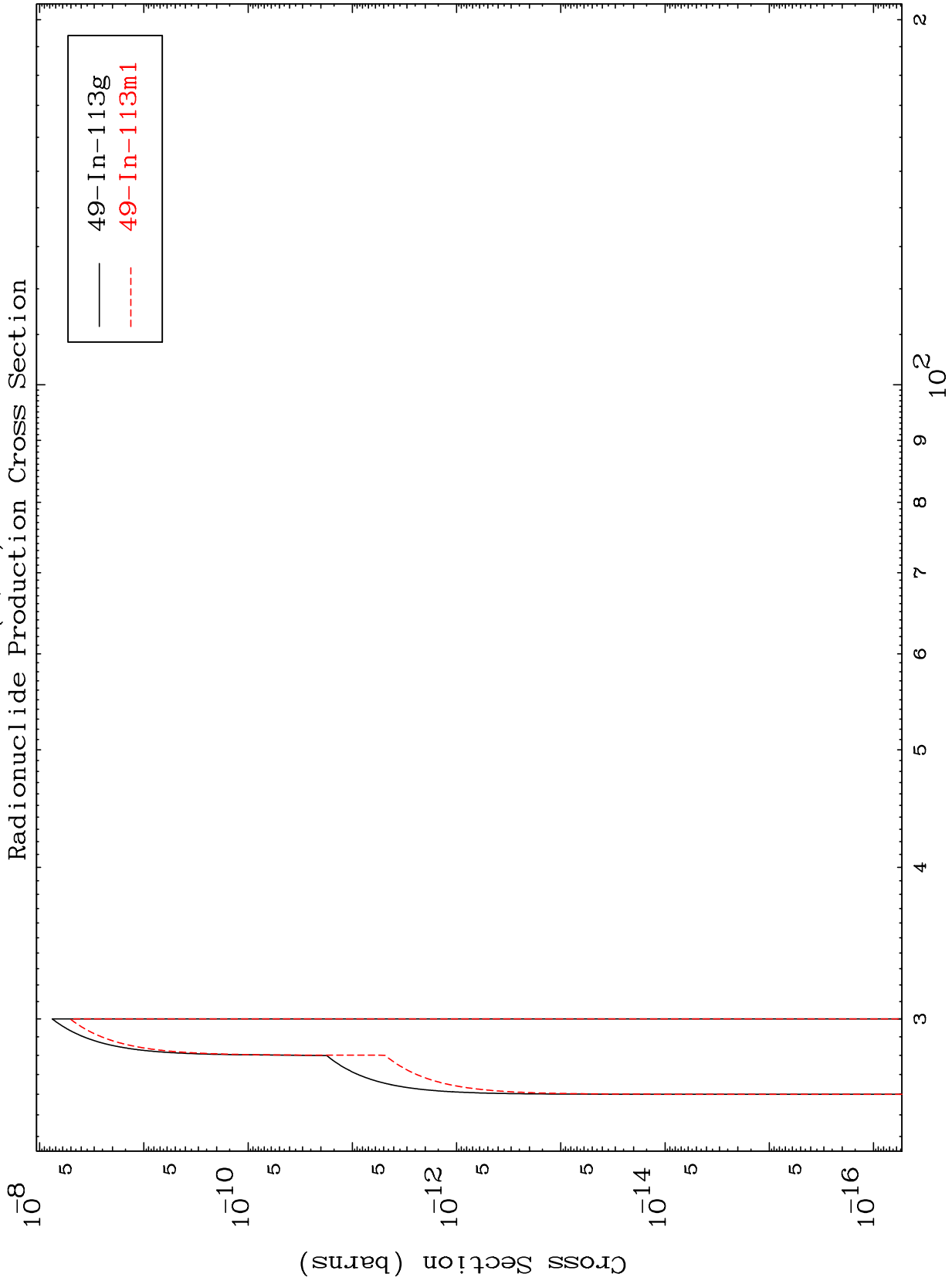
50-Sn-117

MAT 5040

(n,n') t

50-Sn-117

Radionuclide Production Cross Section



50-Sn-117

Incident Energy (MeV)

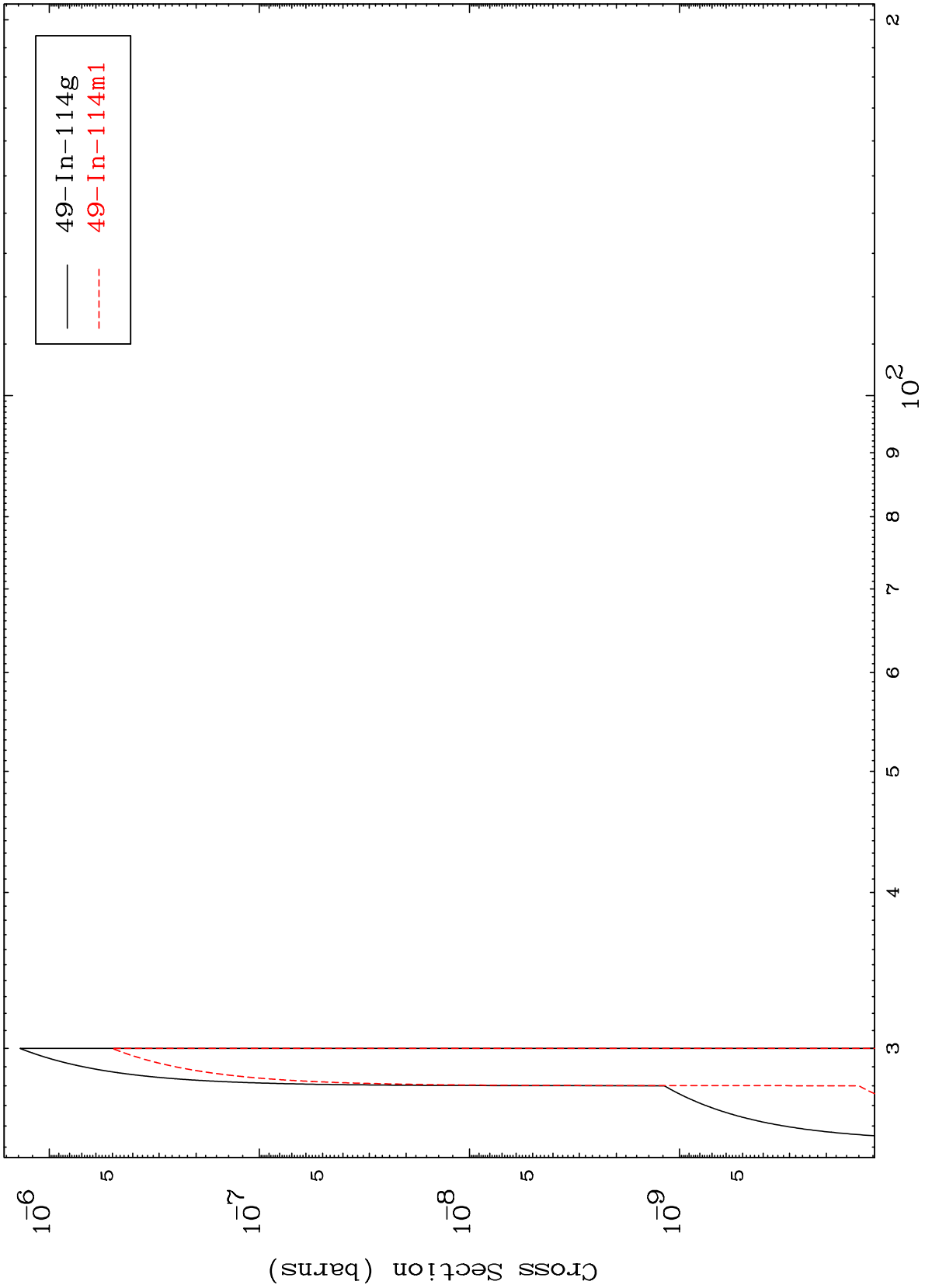
15

MAT 5040

(n,2n) p

50-Sn-117

Radionuclide Production Cross Section



49-In-114g
49-In-114m1

16

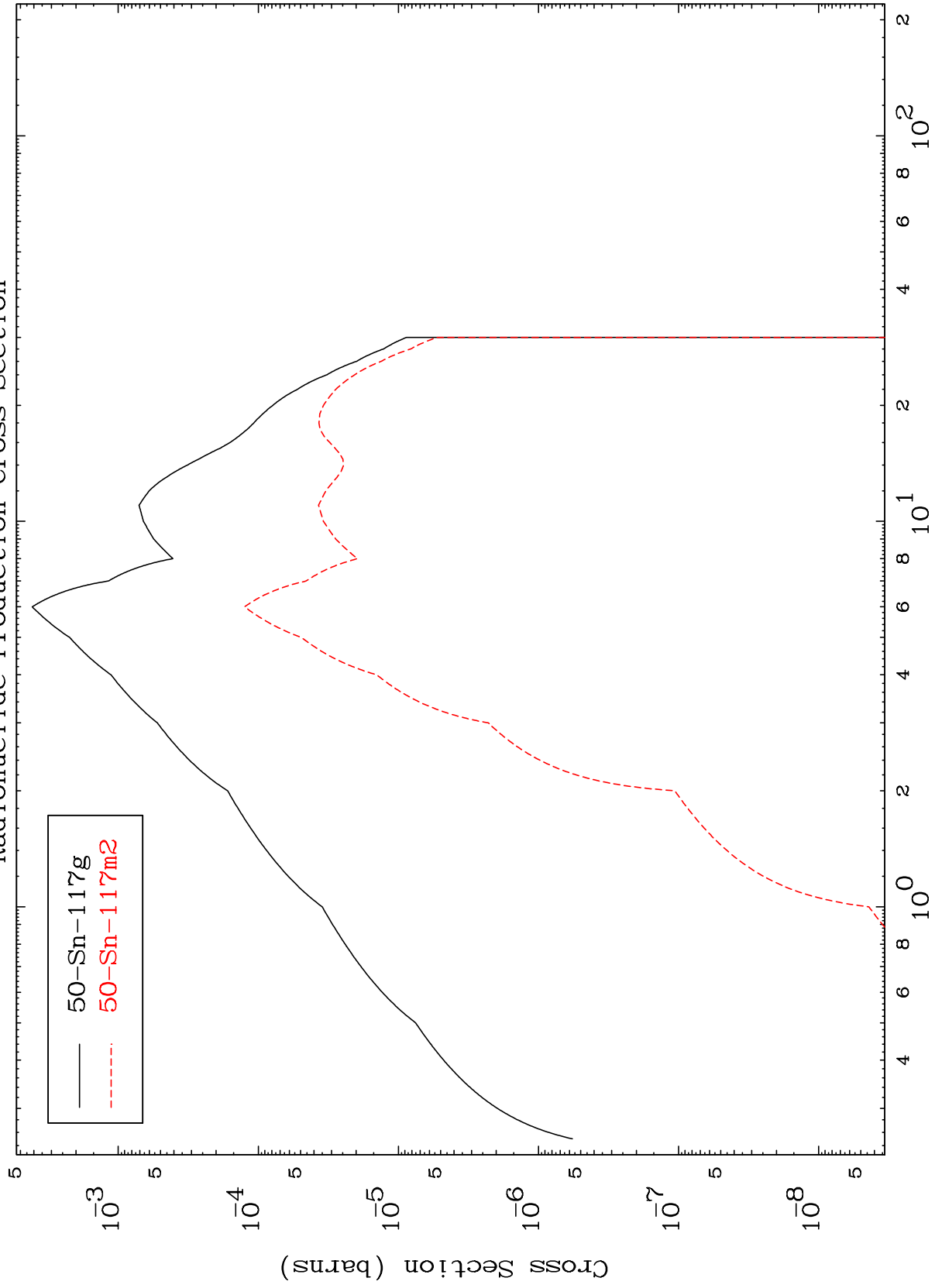
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

(n,γ)
Radionuclide Production Cross Section



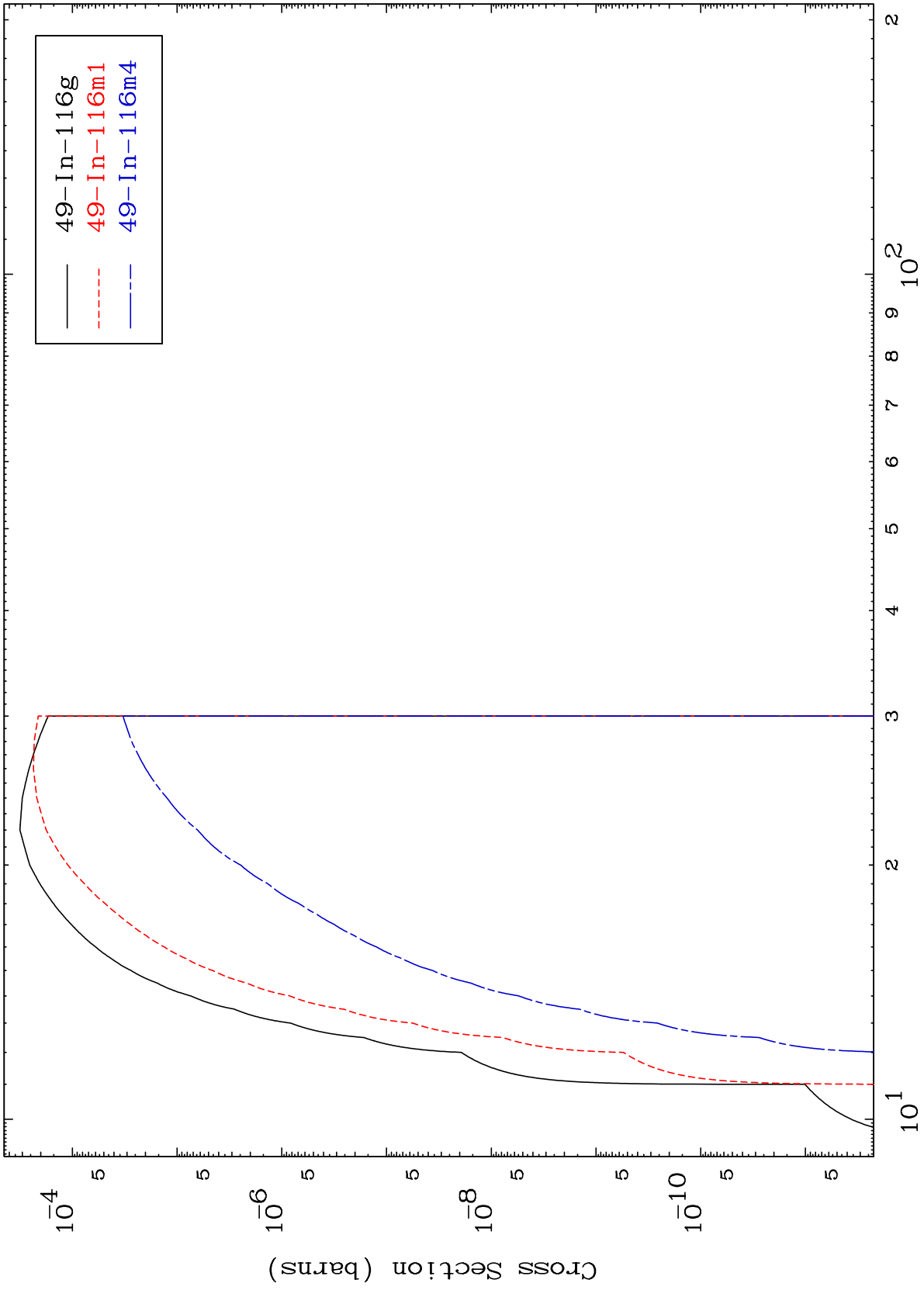
17

50-Sn-117

MAT 5040

50-Sn-117

(n,p)
Radionuclide Production Cross Section



50-Sn-117

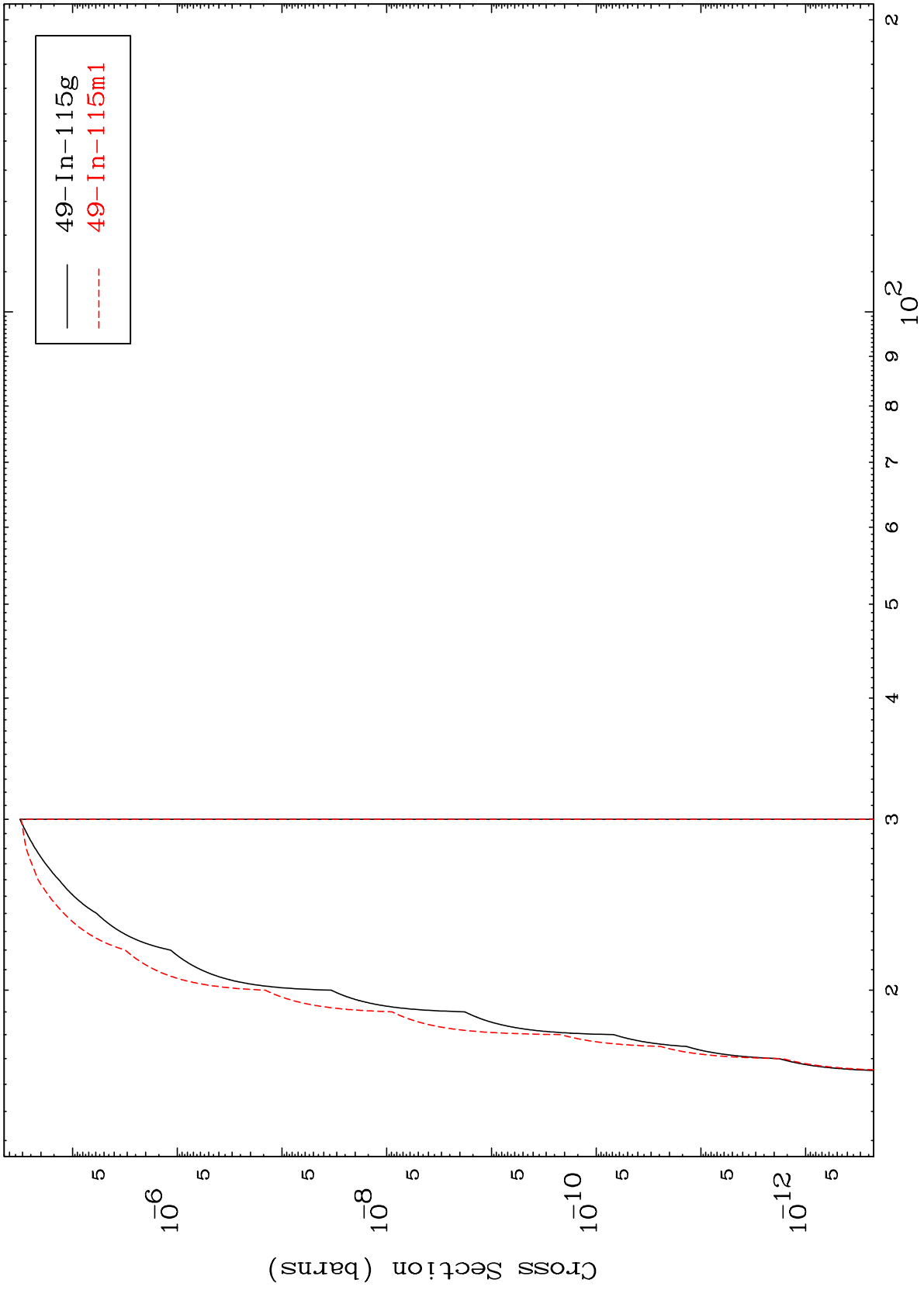
Incident Energy (MeV)

18

MAT 5040

50-Sn-117

(n,d)
Radionuclide Production Cross Section



19

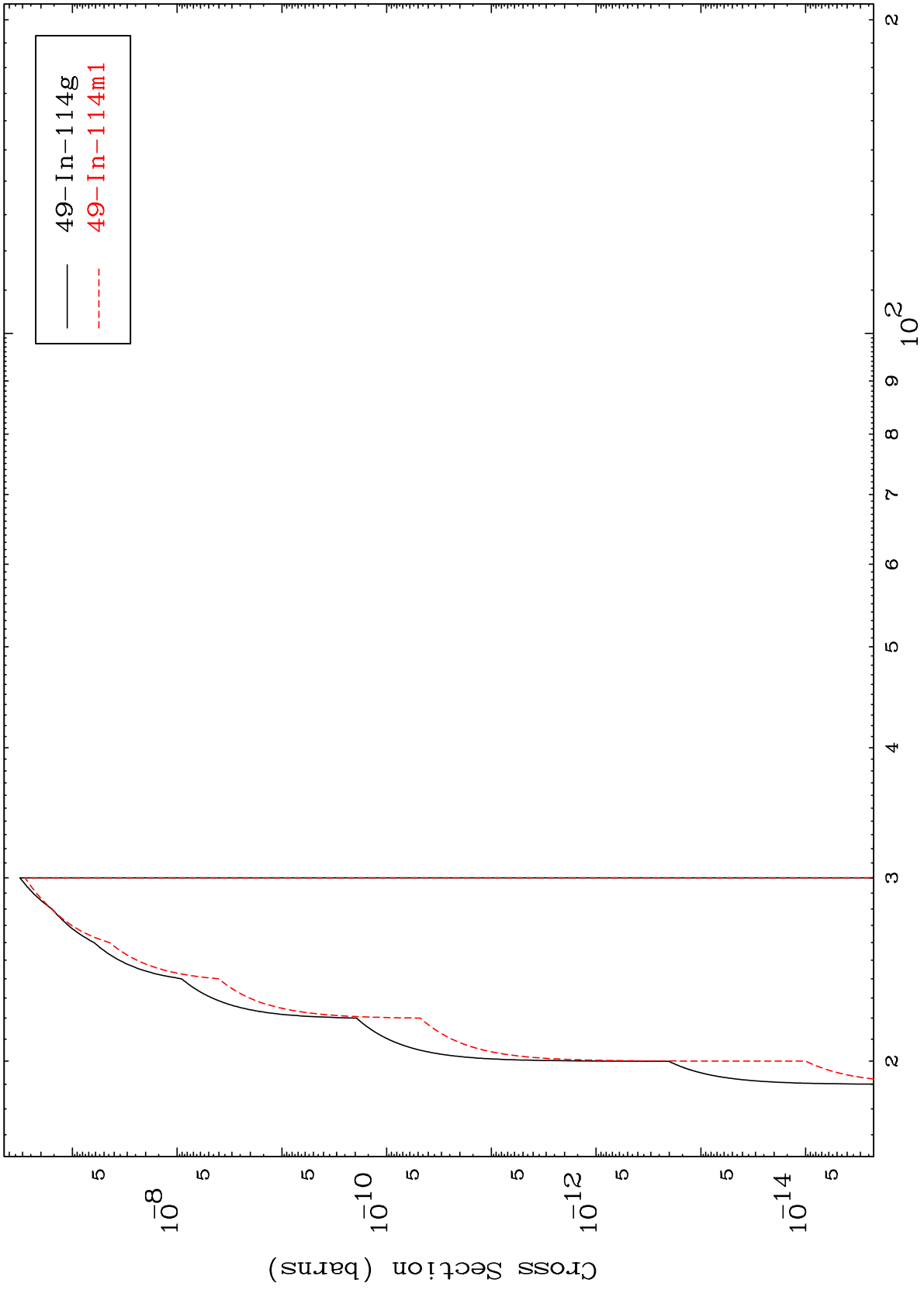
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

(n, t)
Radionuclide Production Cross Section



20

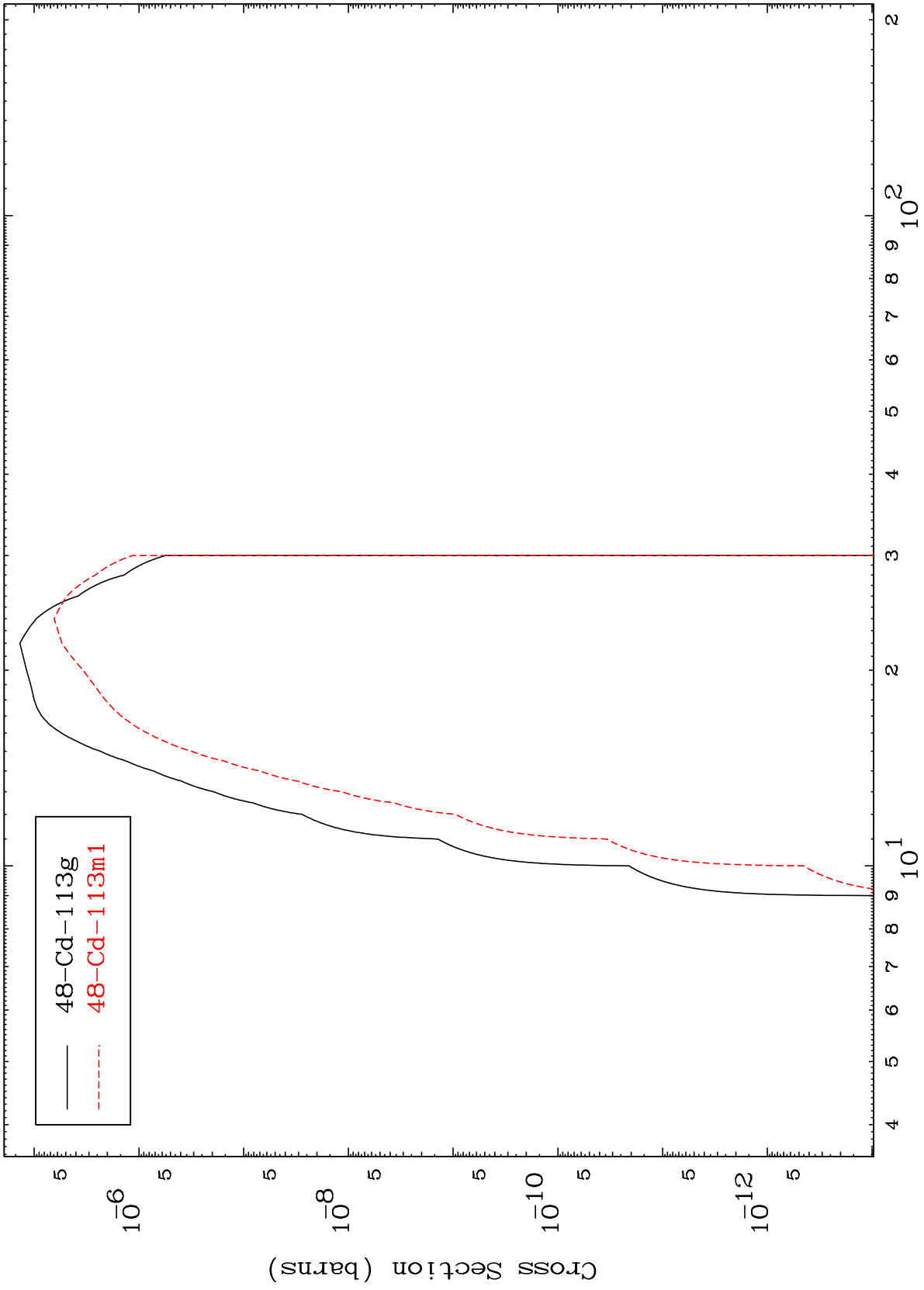
Incident Energy (MeV)

50-Sn-117

MAT 5040

50-Sn-117

(n,α)
Radionuclide Production Cross Section



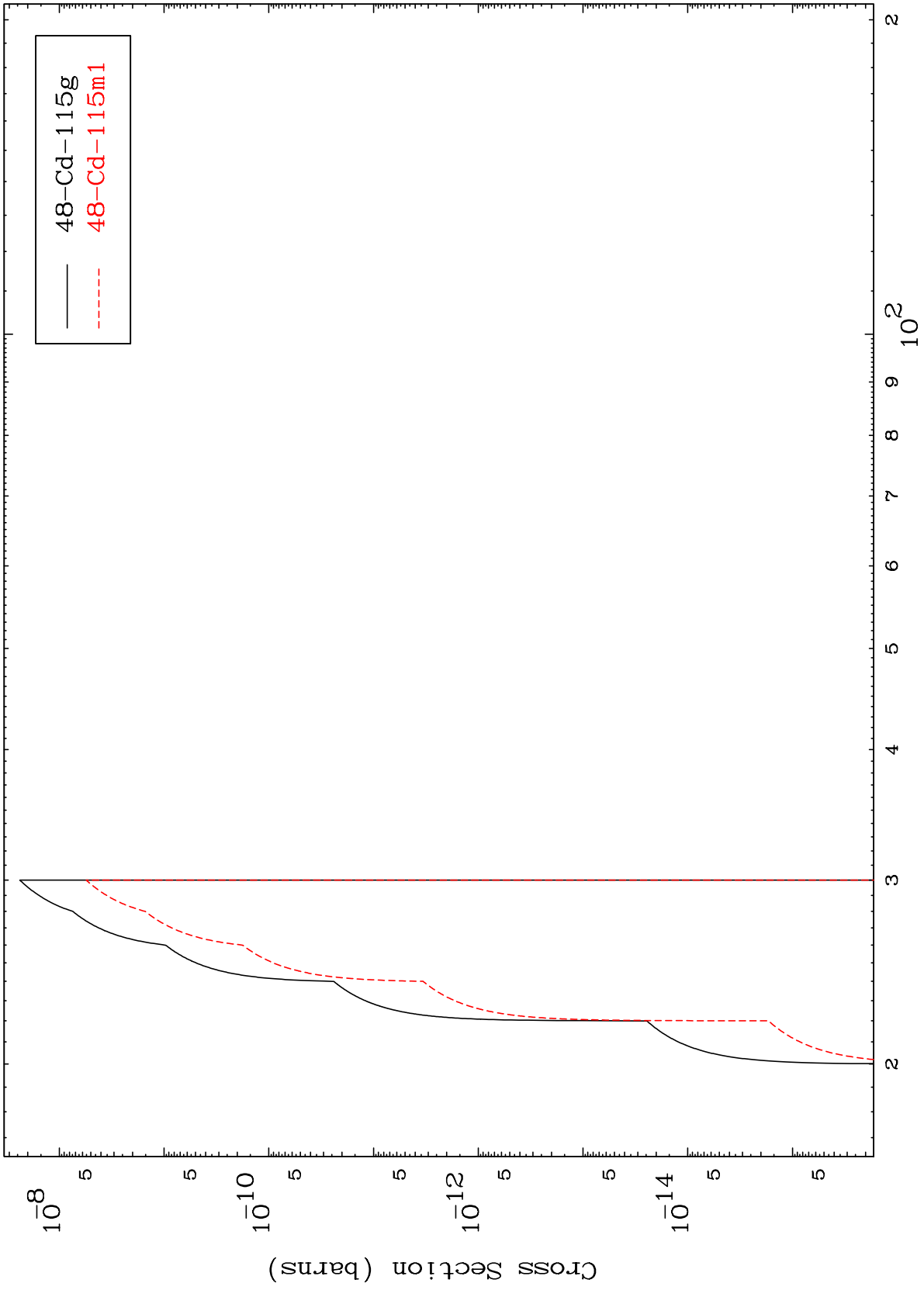
21

50-Sn-117

MAT 5040

50-Sn-117

(n,2p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

50-Sn-117