

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

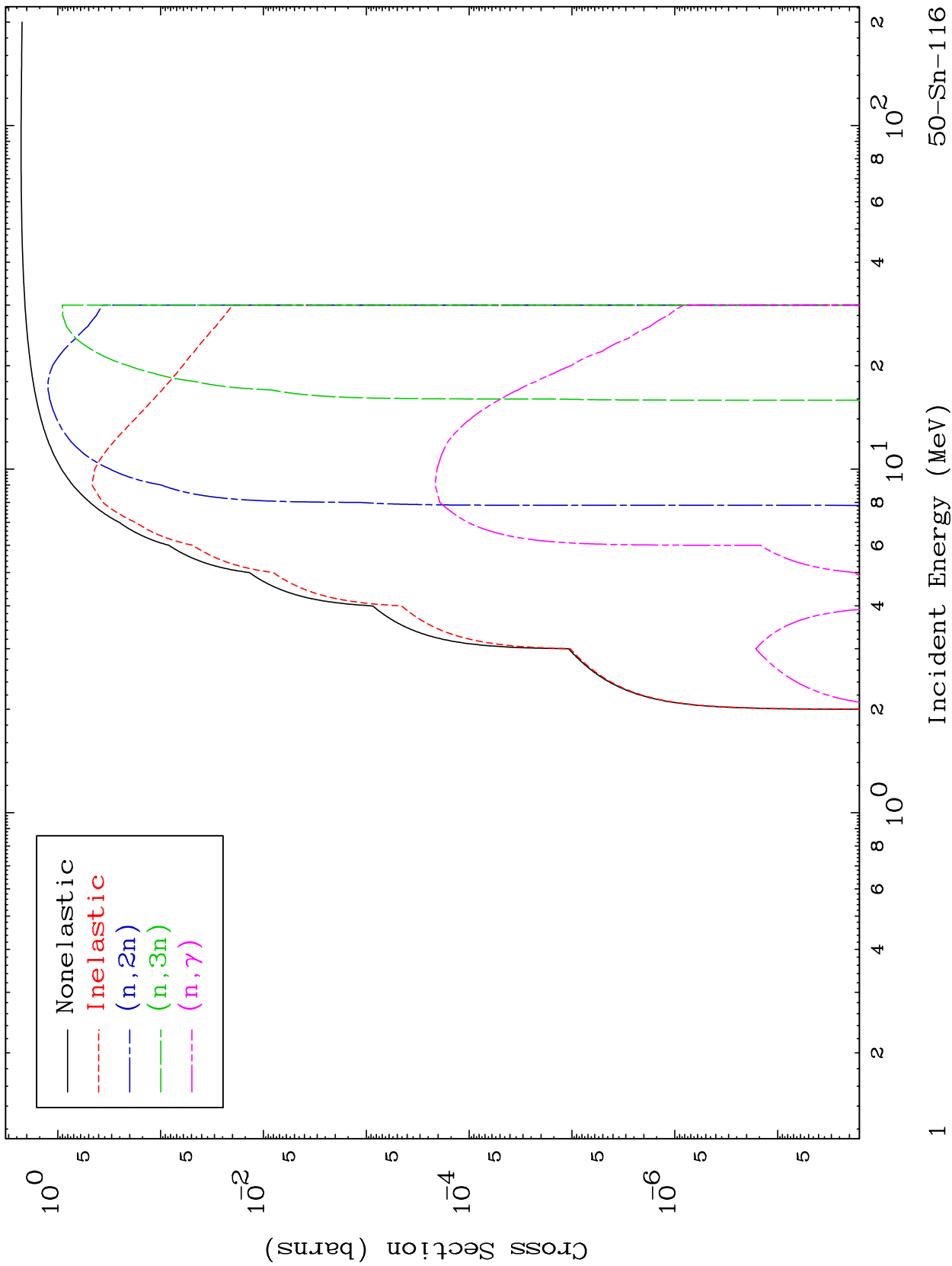
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

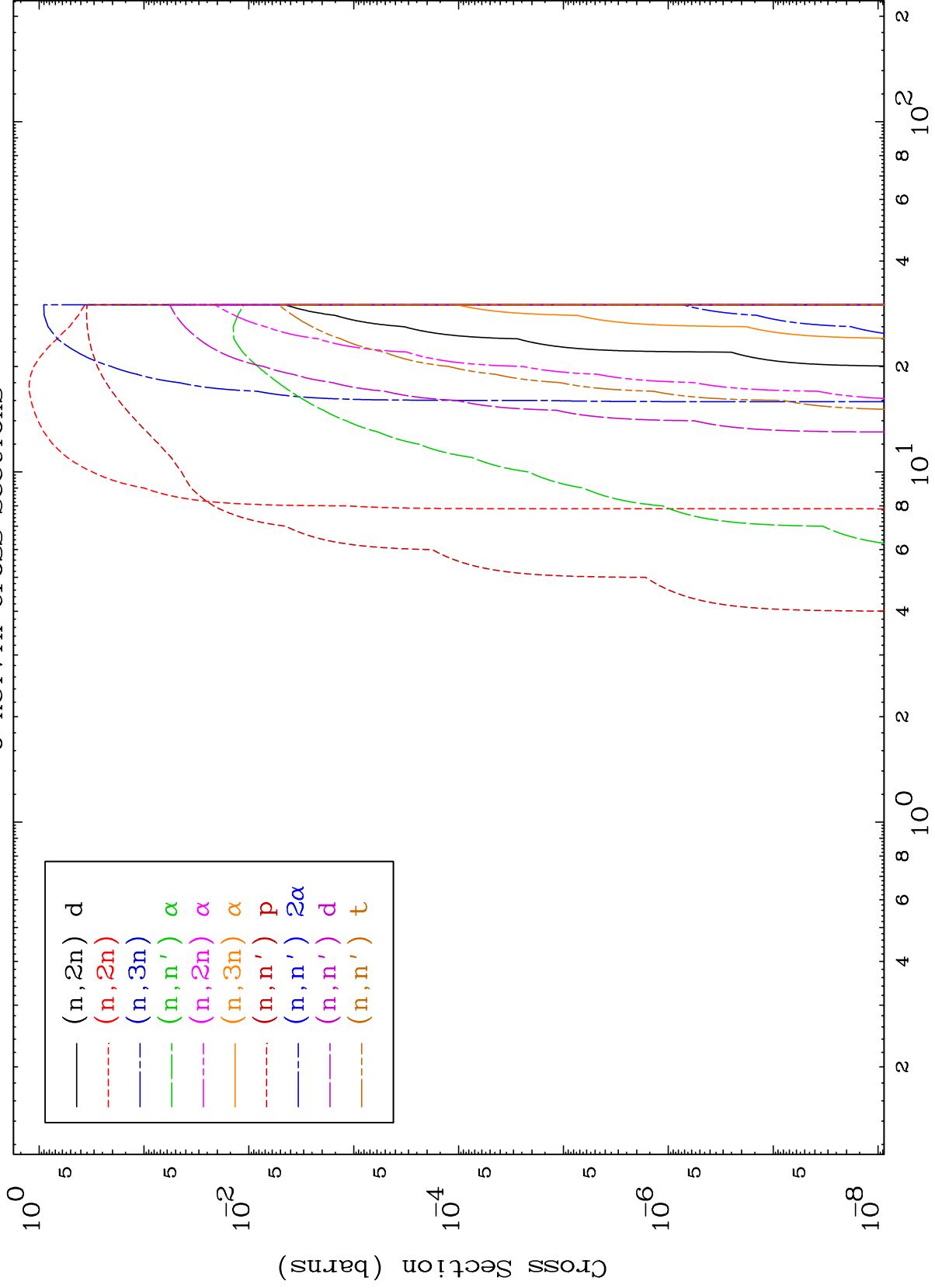
Press Mouse Button to Start

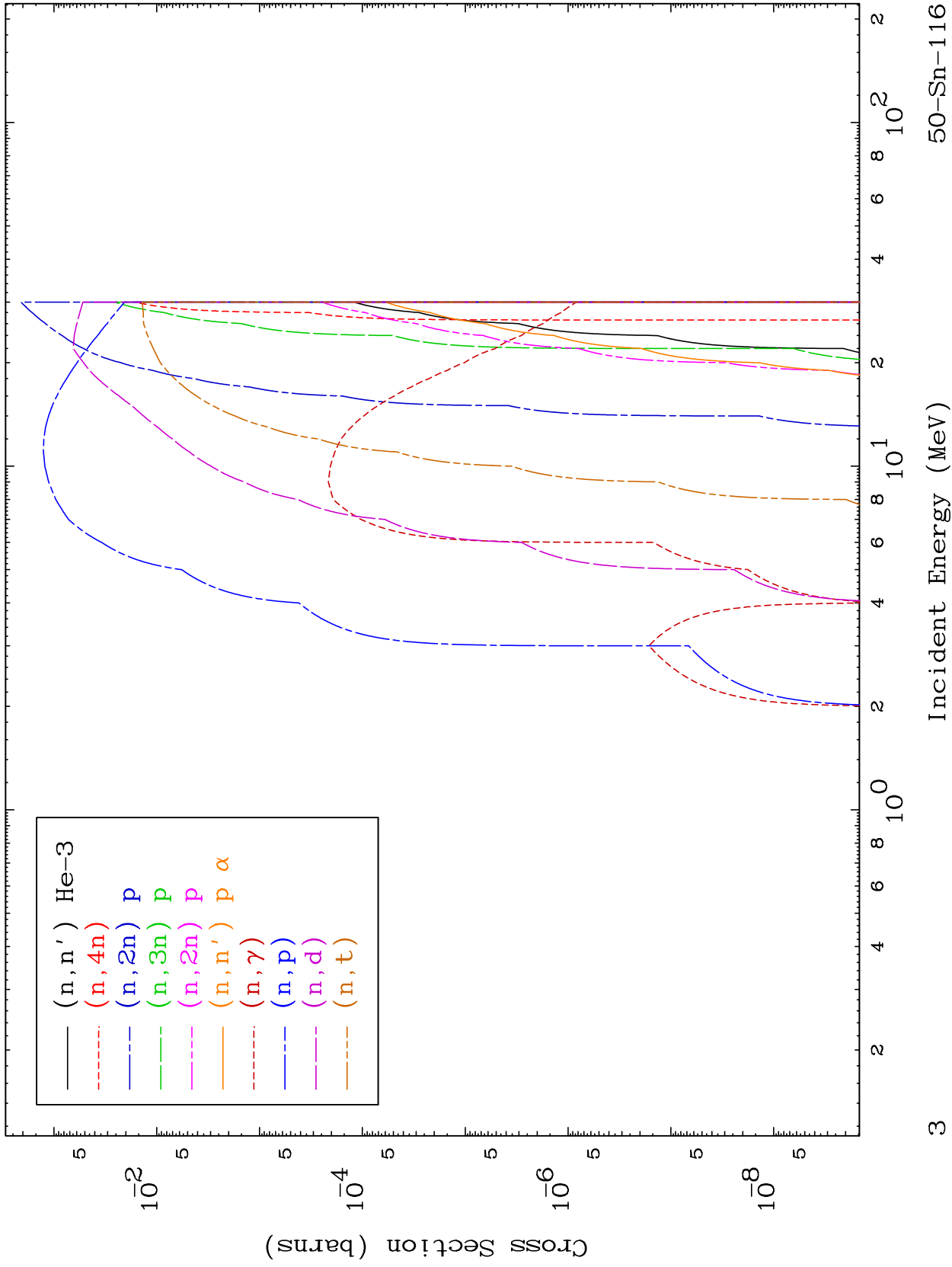


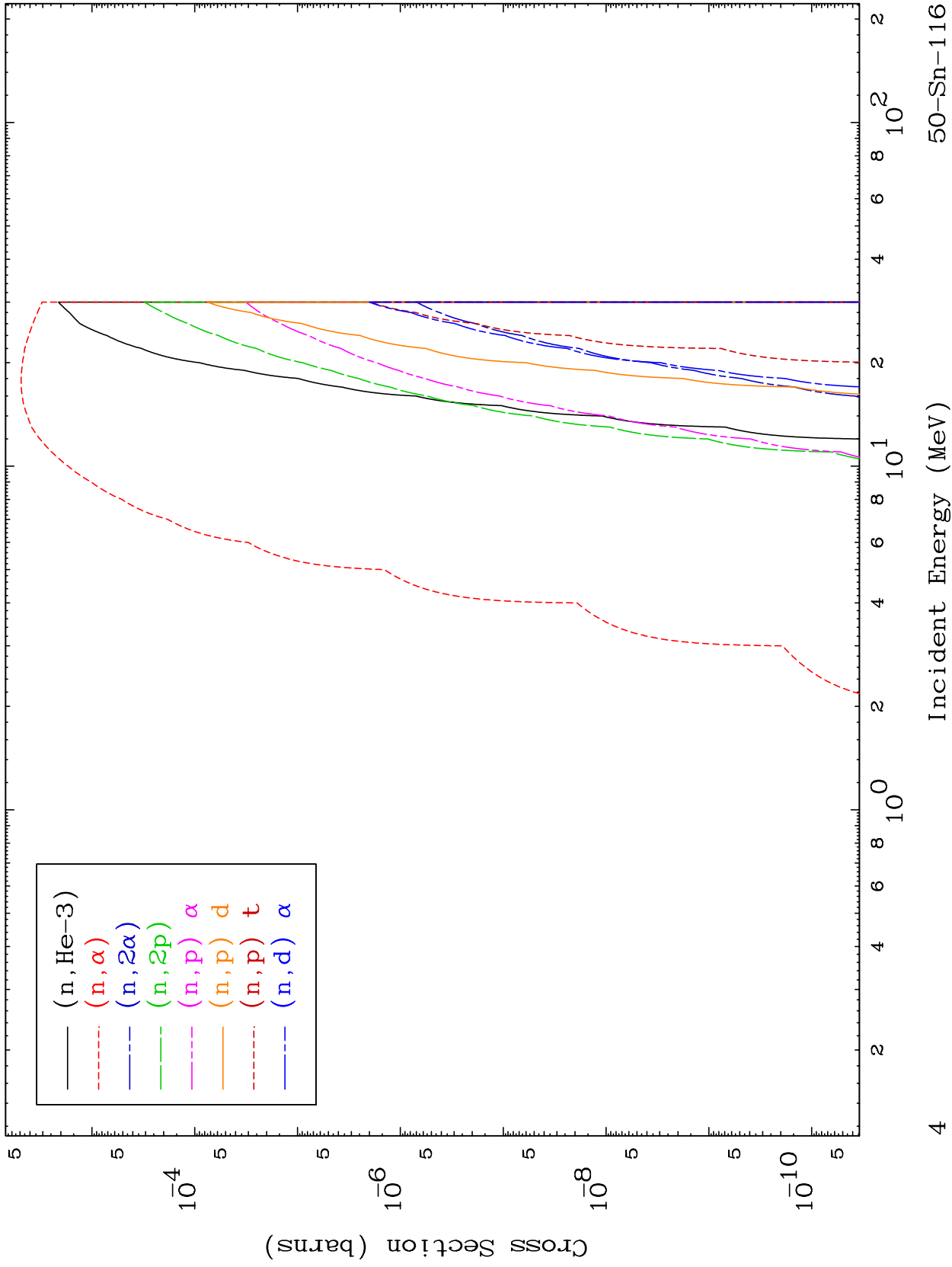
MAT 5037

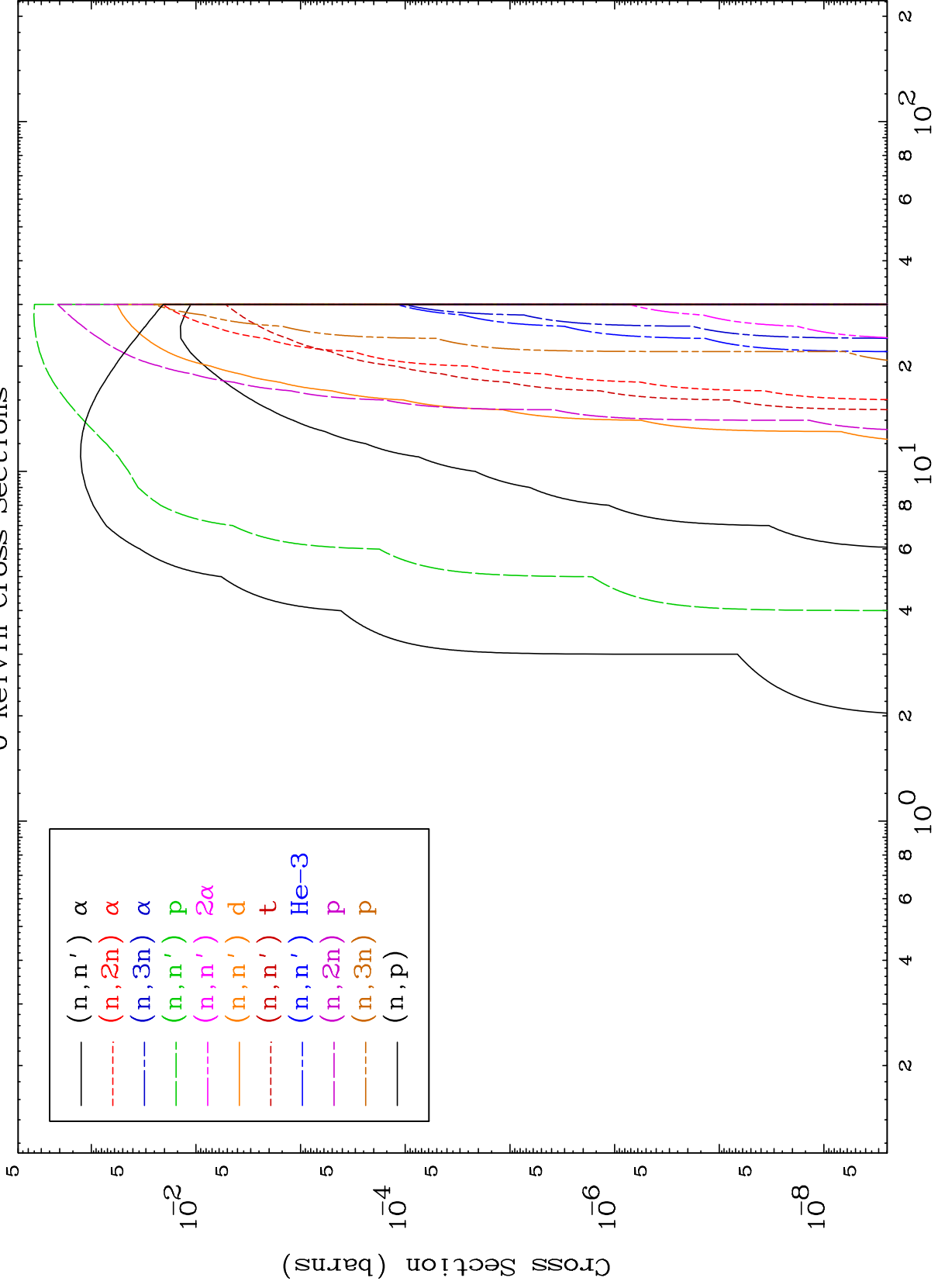
Deuteron Neutron Absorption
0 Kelvin Cross Sections

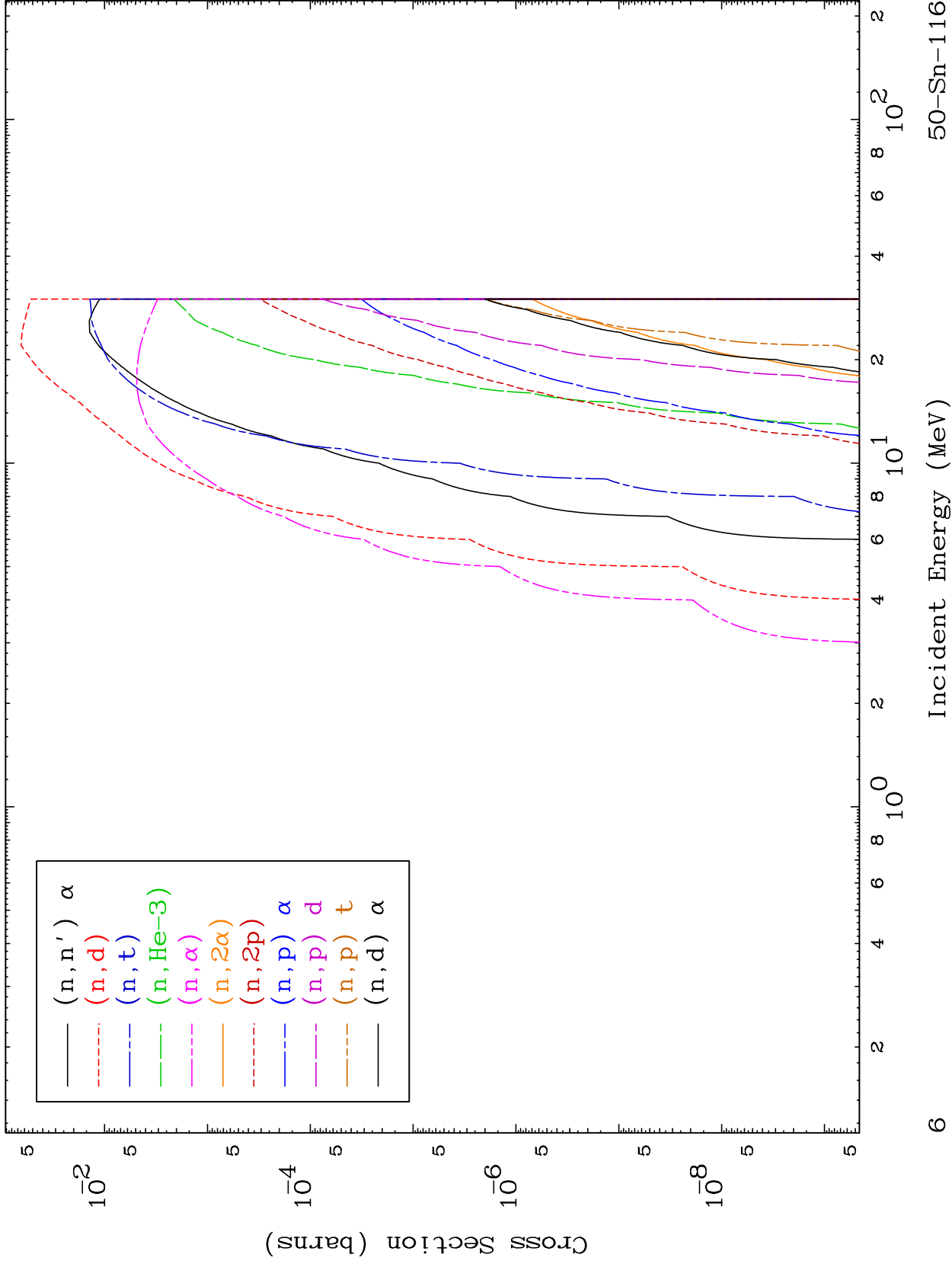
50-Sn-116









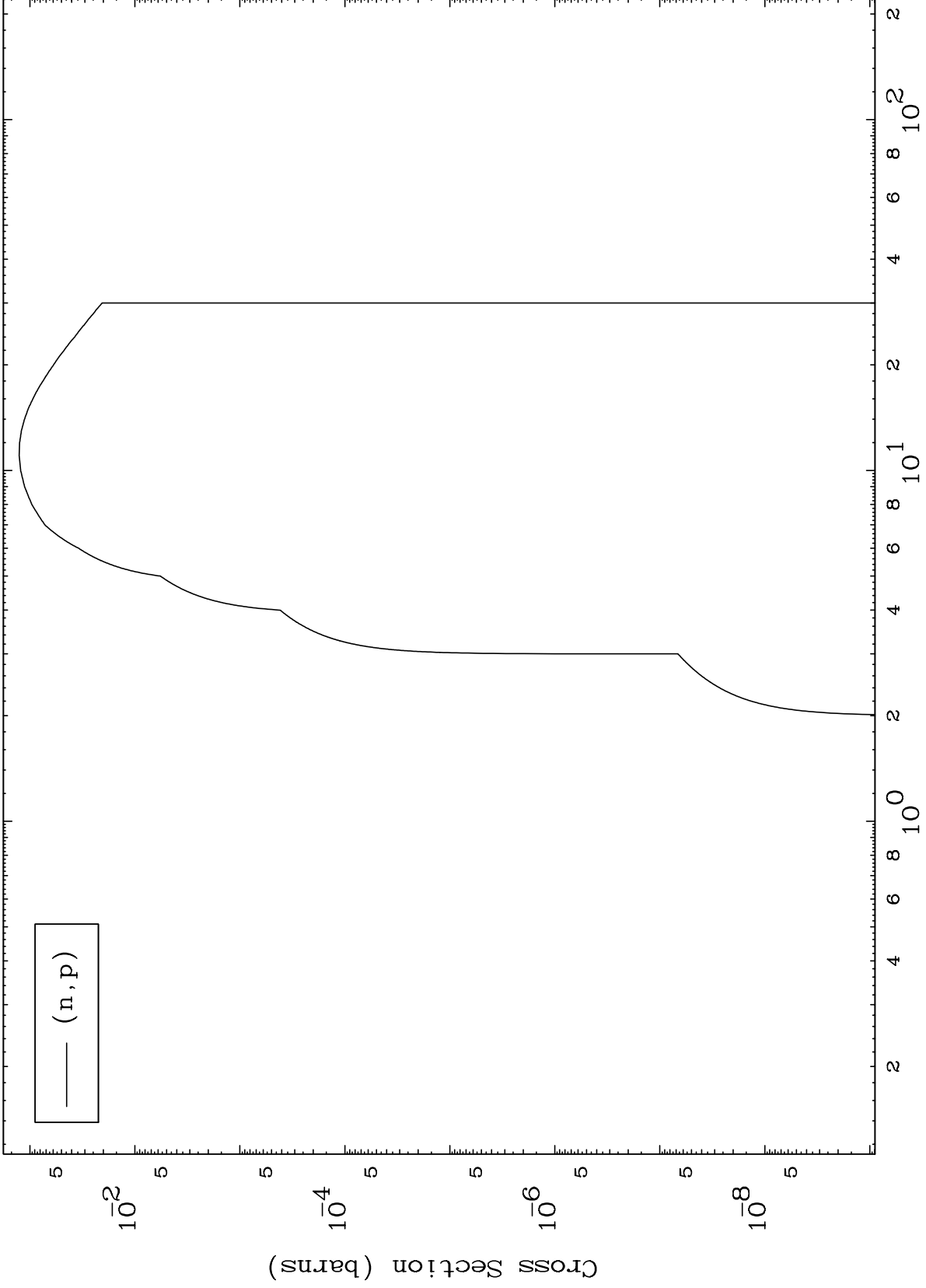


MAT 5037

(d,p) Levels

50-Sn-116

0 Kelvin Cross Sections

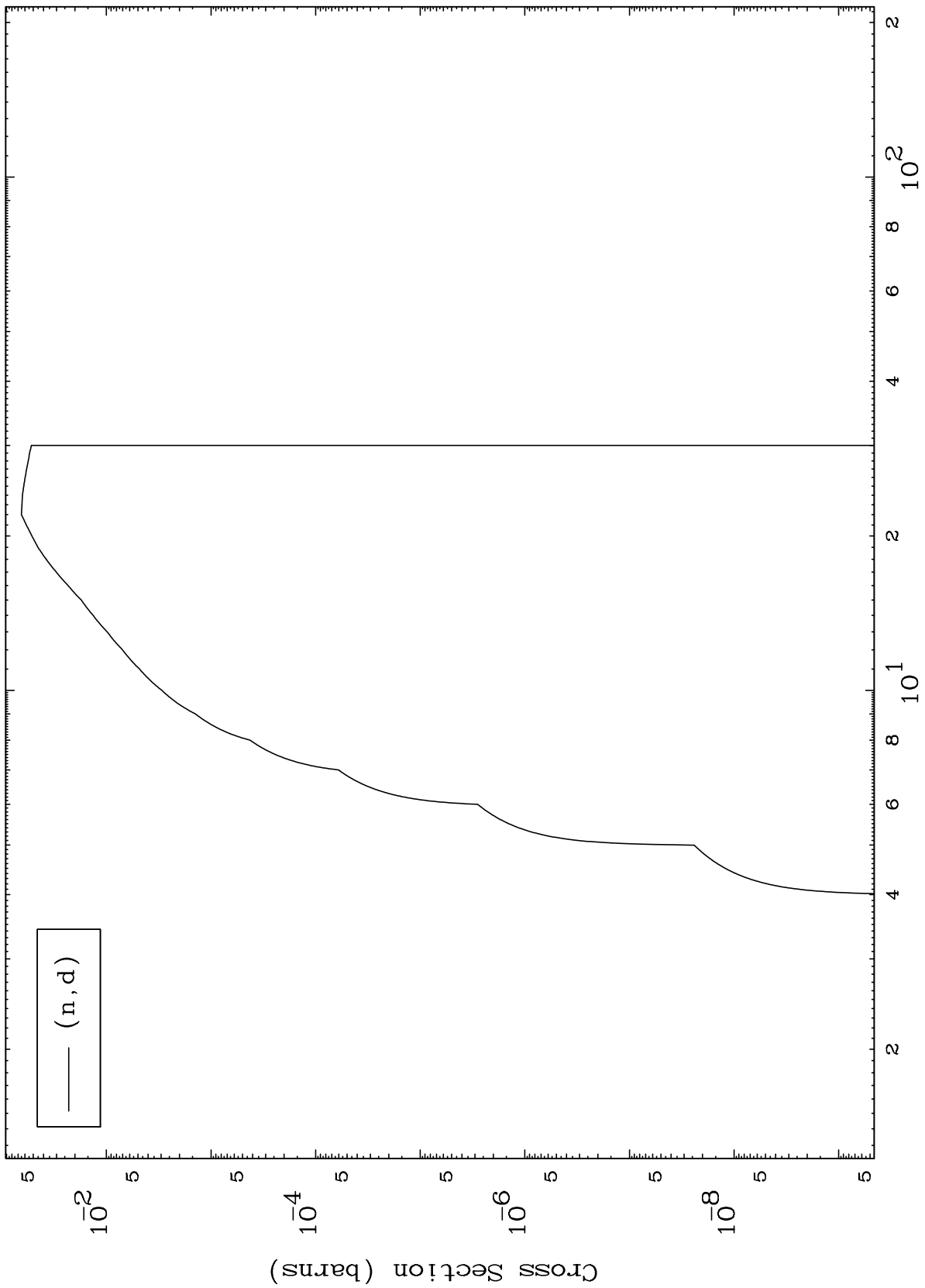


(n,p)

MAT 5037

50-Sn-116

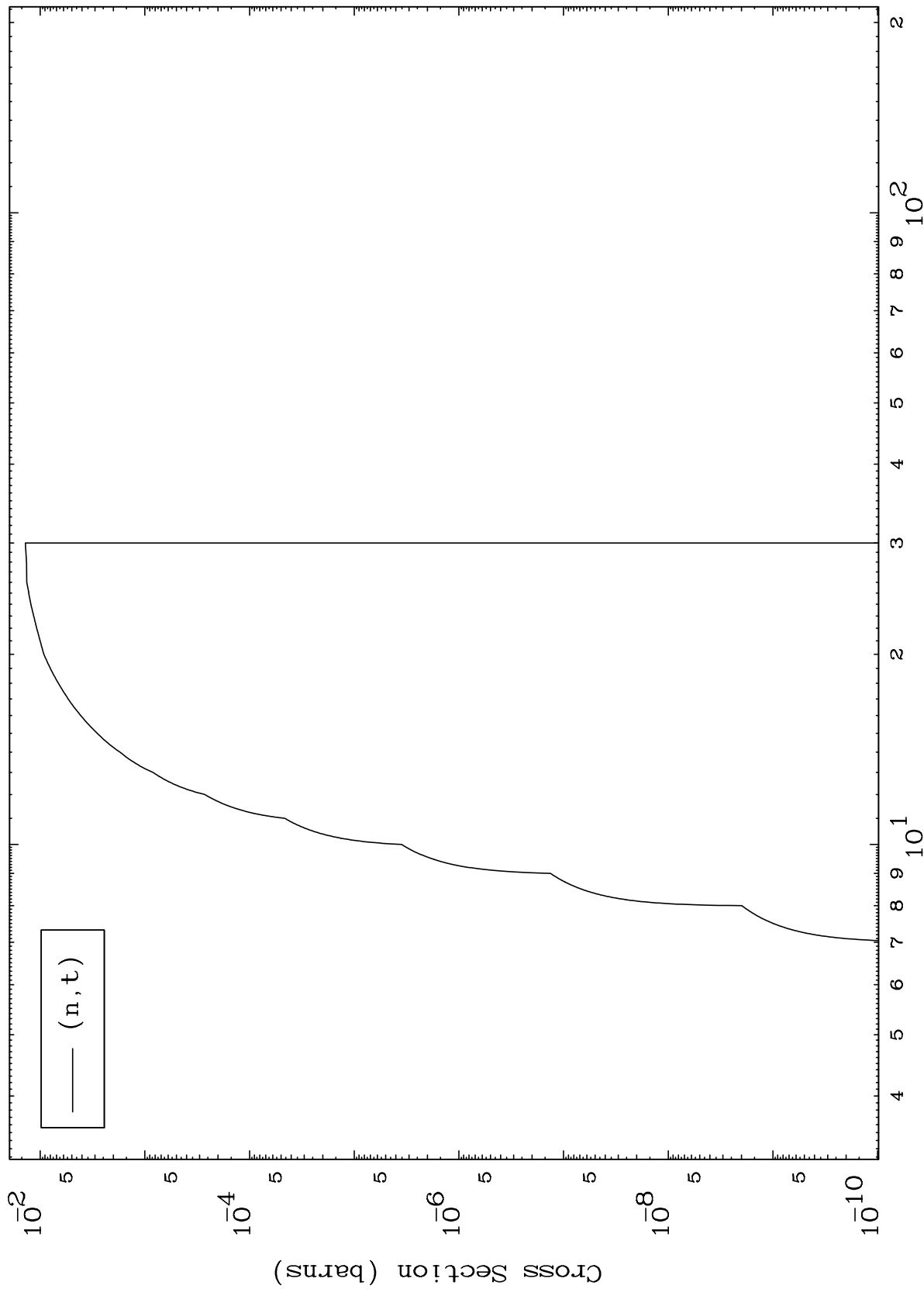
(d,d) Levels
0 Kelvin Cross Sections



MAT 5037

50-Sn-116

(d,t) Levels
0 Kelvin Cross Sections



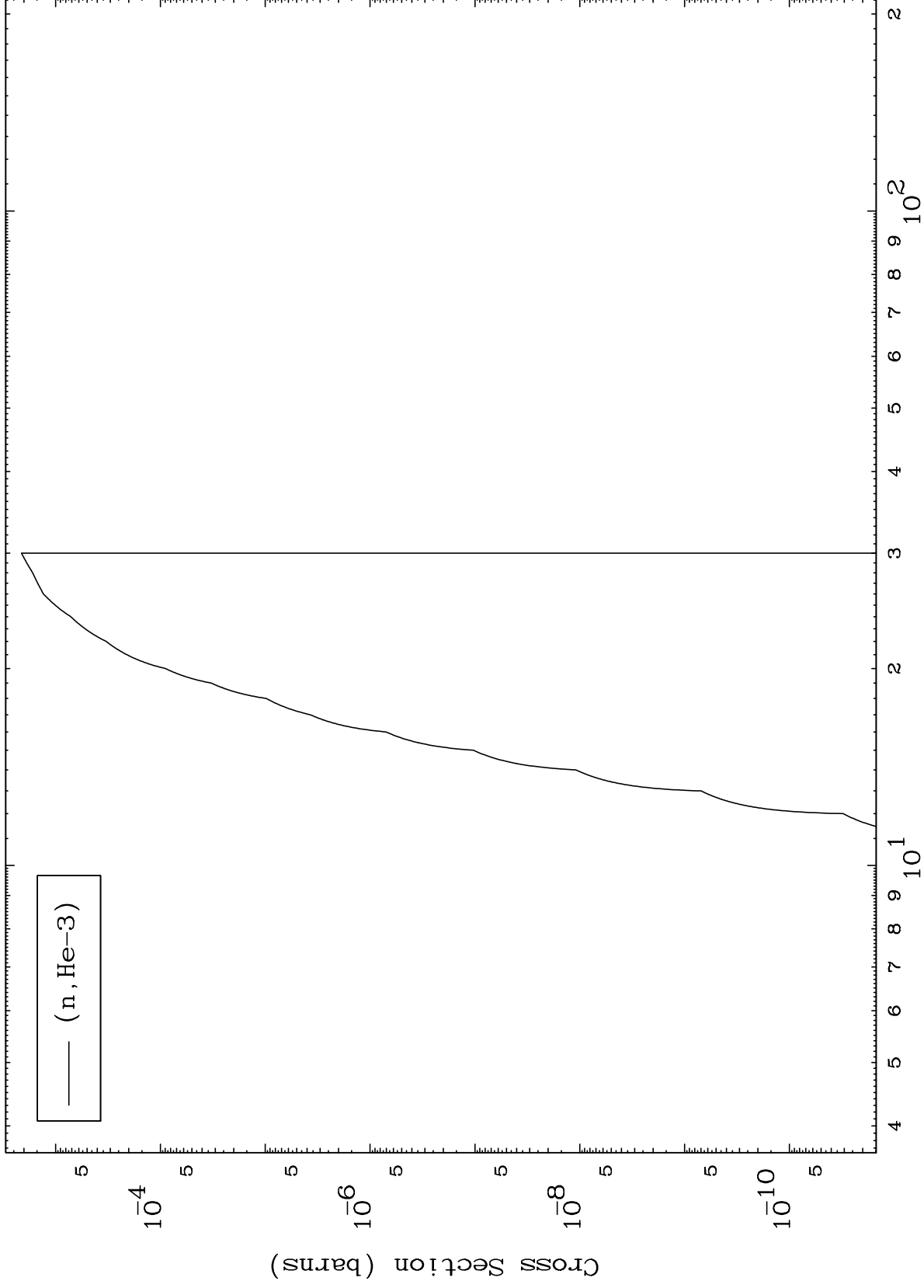
50-Sn-116

Incident Energy (MeV)

MAT 5037

(d,He3) Levels
0 Kelvin Cross Sections

50-Sn-116



10

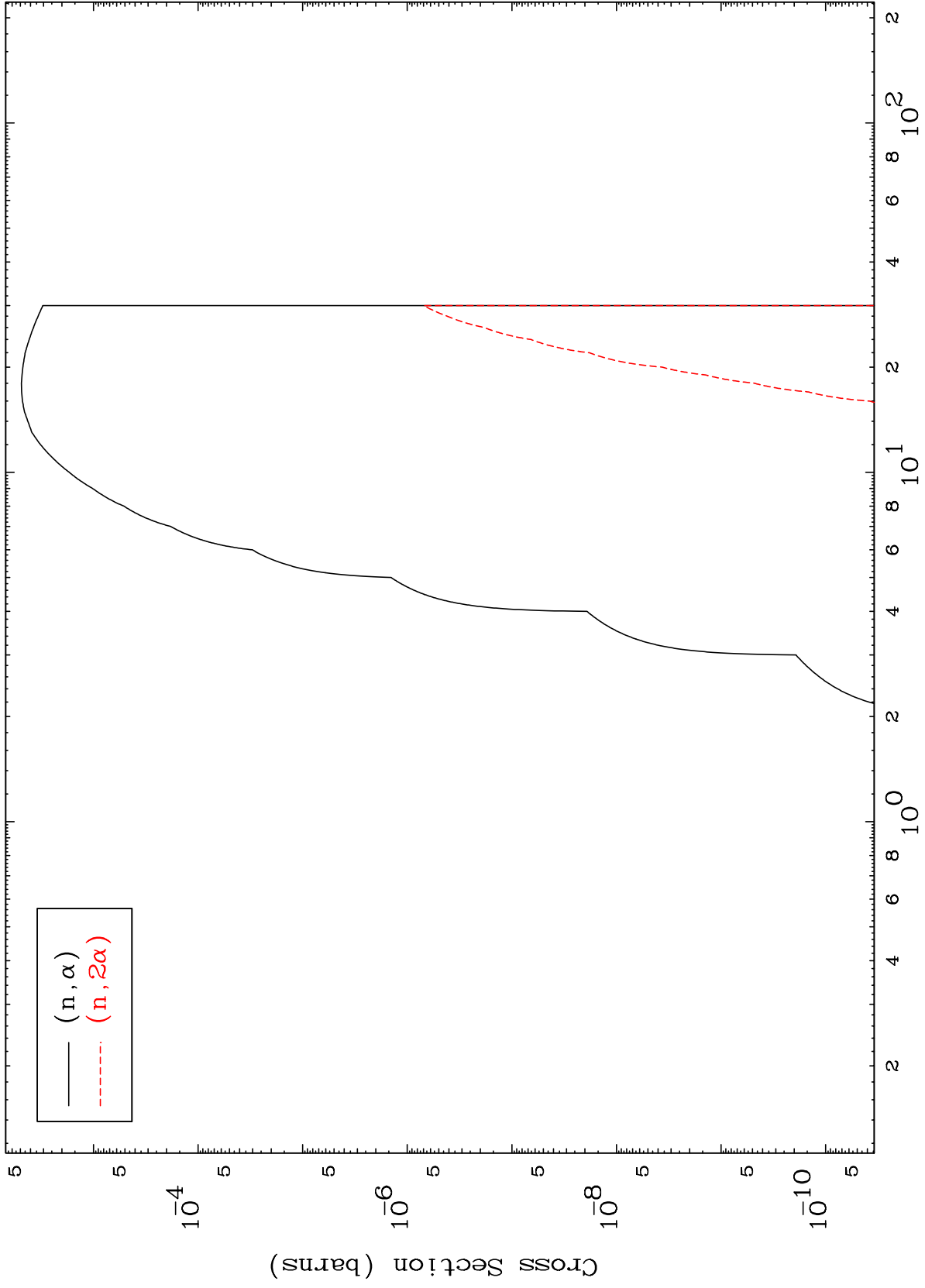
Incident Energy (MeV)

50-Sn-116

MAT 5037

(d, α) Levels
0 Kelvin Cross Sections

50-Sn-116

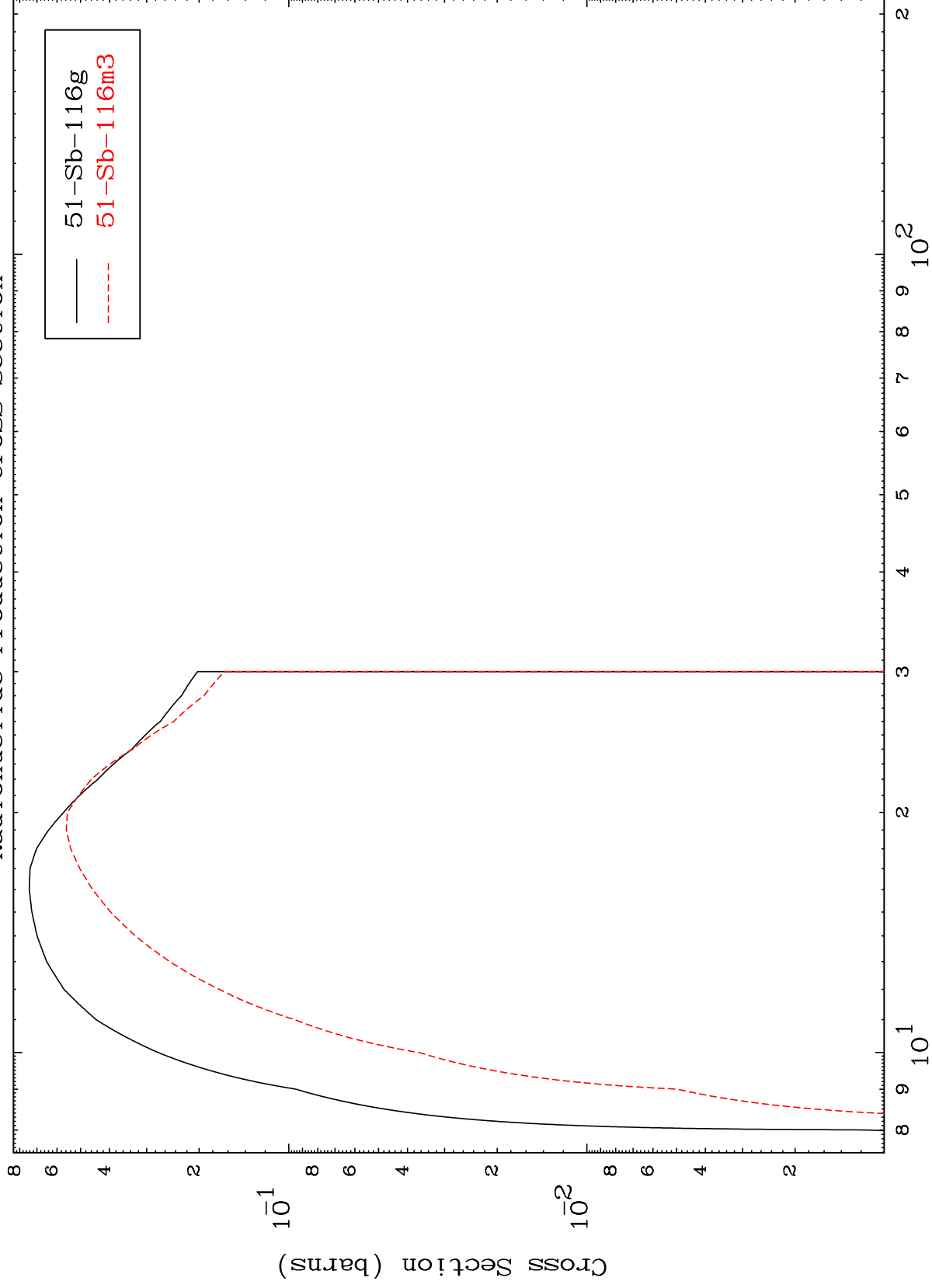


MAT 5037

(n,2n)

50-Sn-116

Radionuclide Production Cross Section



12

Incident Energy (MeV)

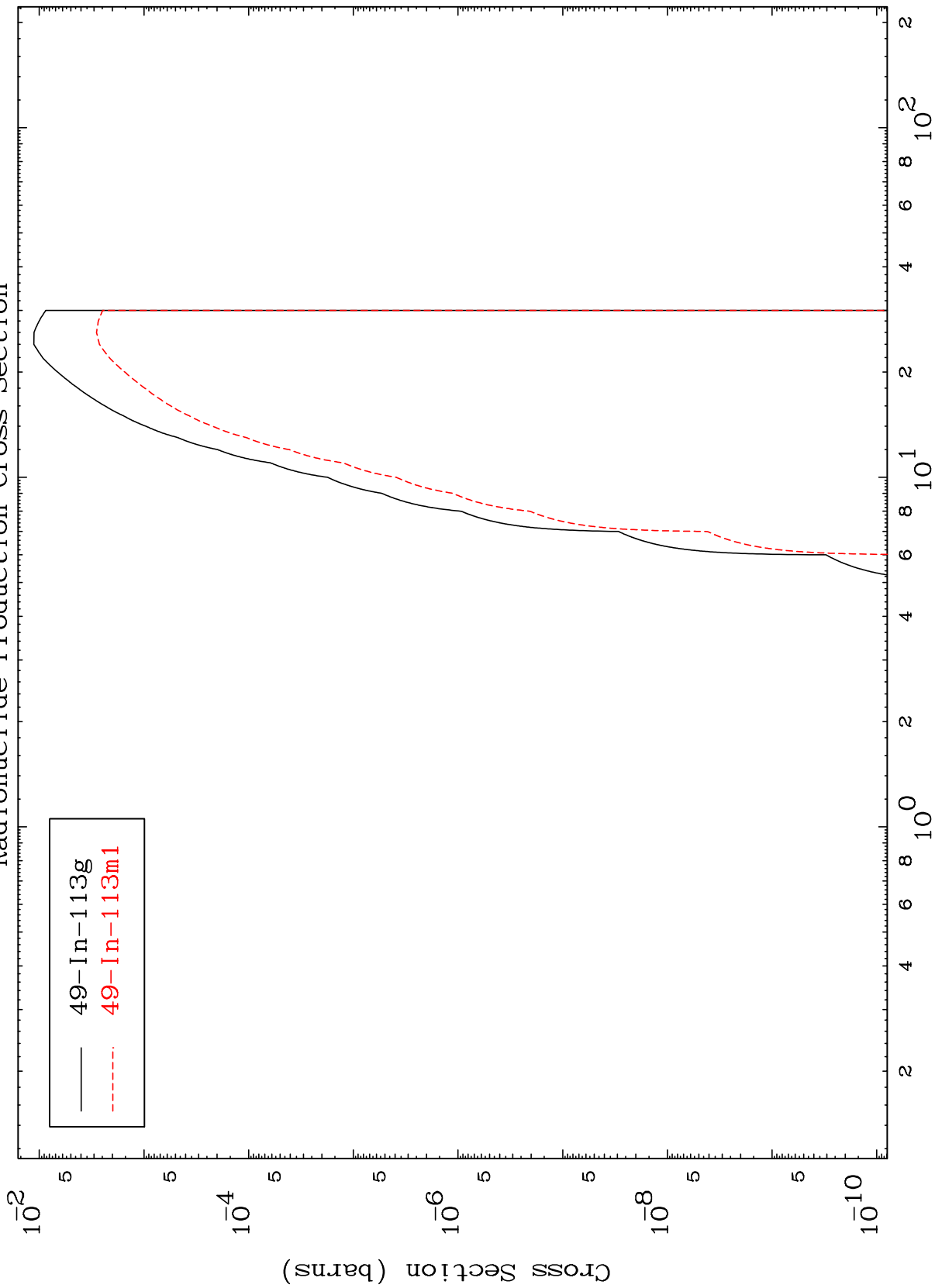
50-Sn-116

MAT 5037

$(n, n') \alpha$

50-Sn-116

Radionuclide Production Cross Section

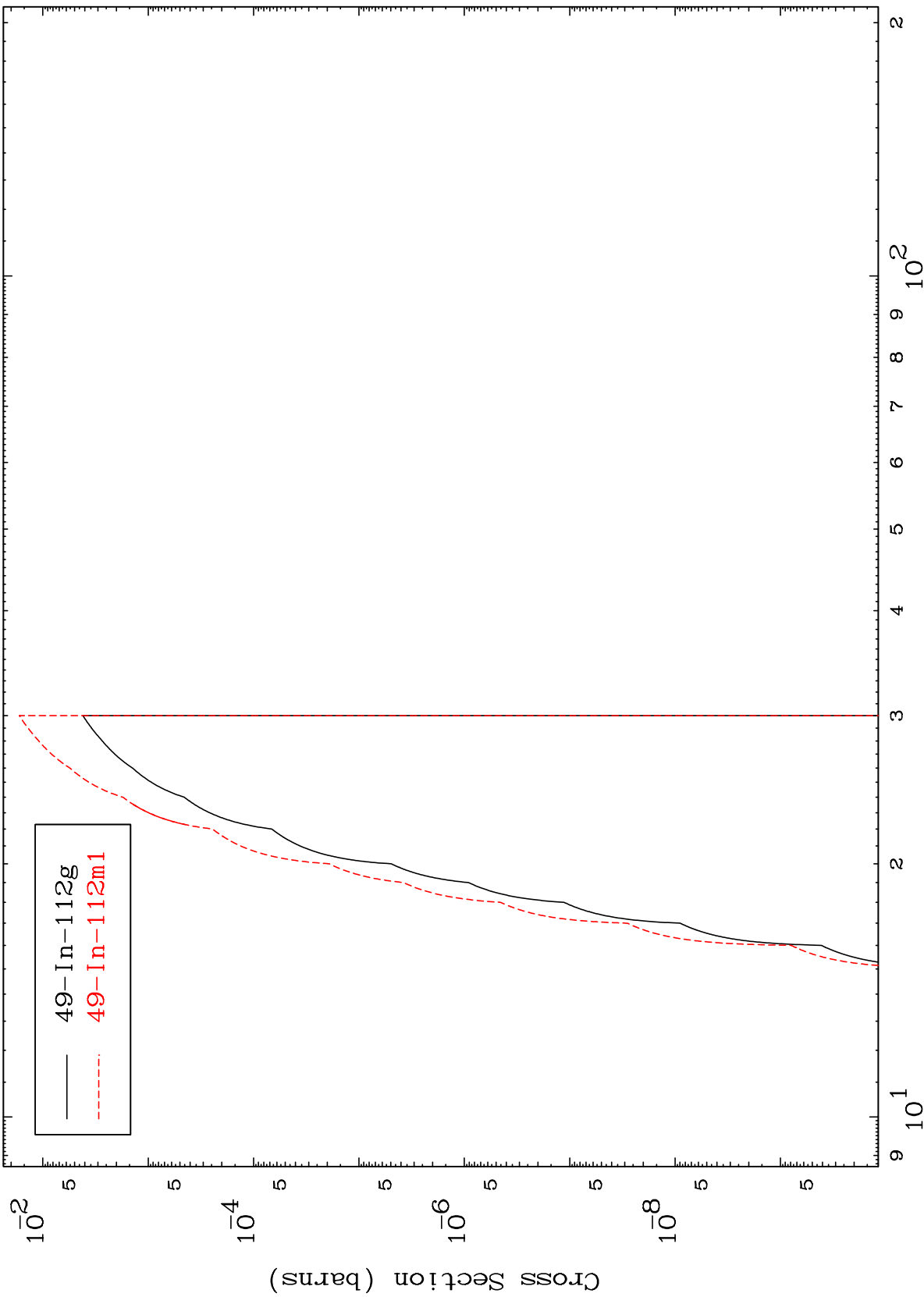


MAT 5037

(n,2n) α

50-Sn-116

Radionuclide Production Cross Section



49-In-112g
49-In-112m1

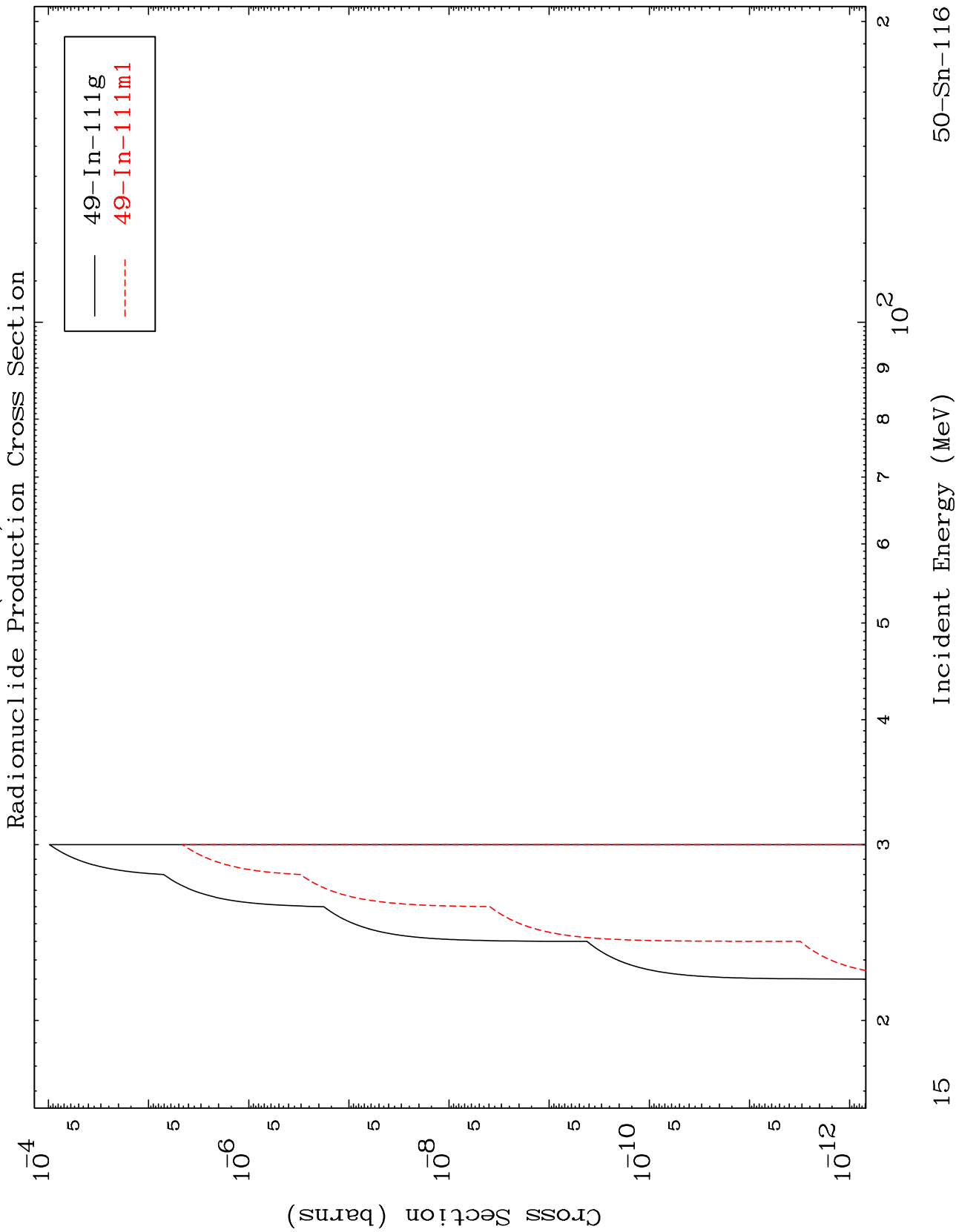
Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,3n) α

50-Sn-116



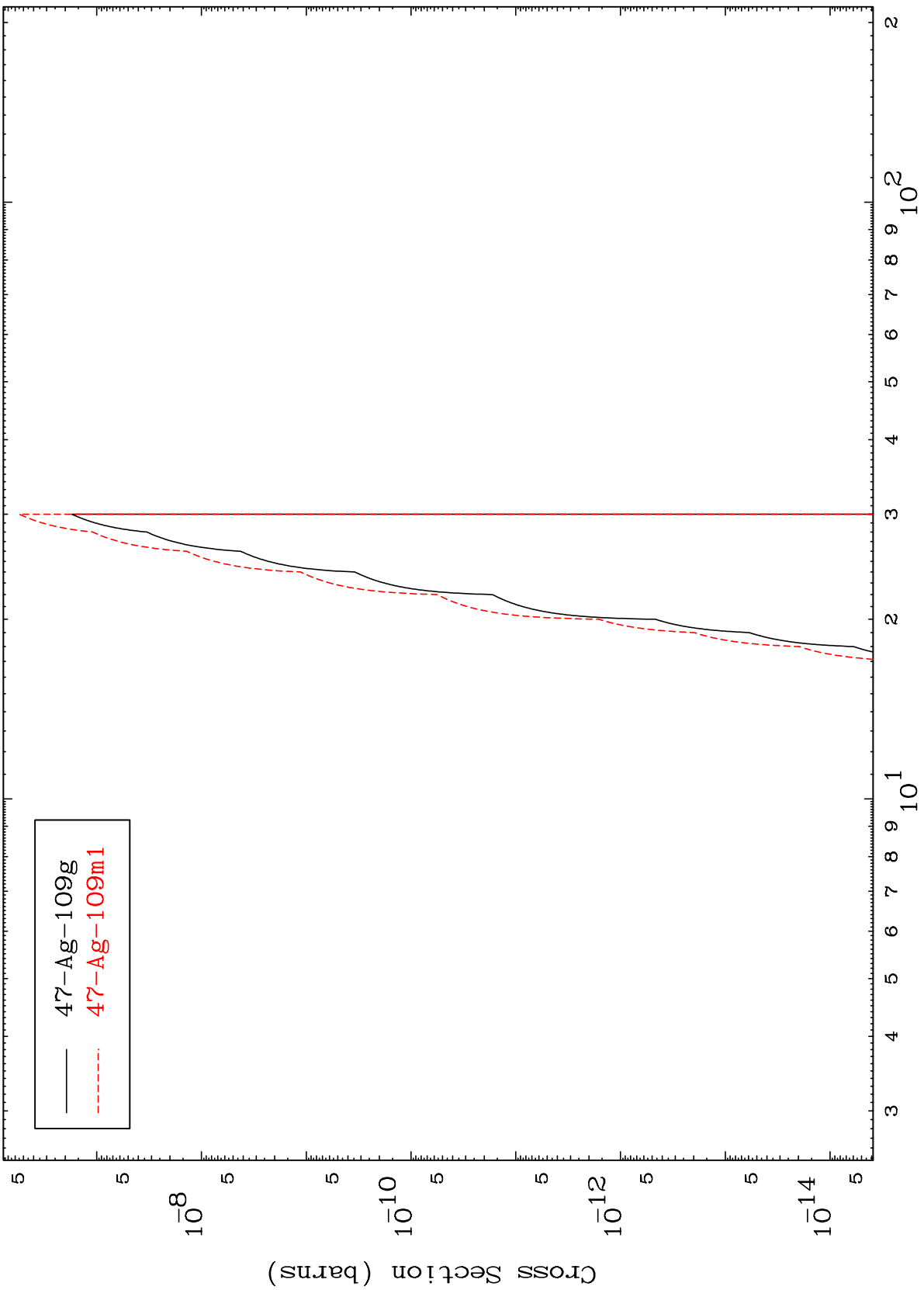
15

50-Sn-116

MAT 5037

50-Sn-116

(n,n') 2α
Radionuclide Production Cross Section



— 47-Ag-109g
- - - 47-Ag-109m1

50-Sn-116

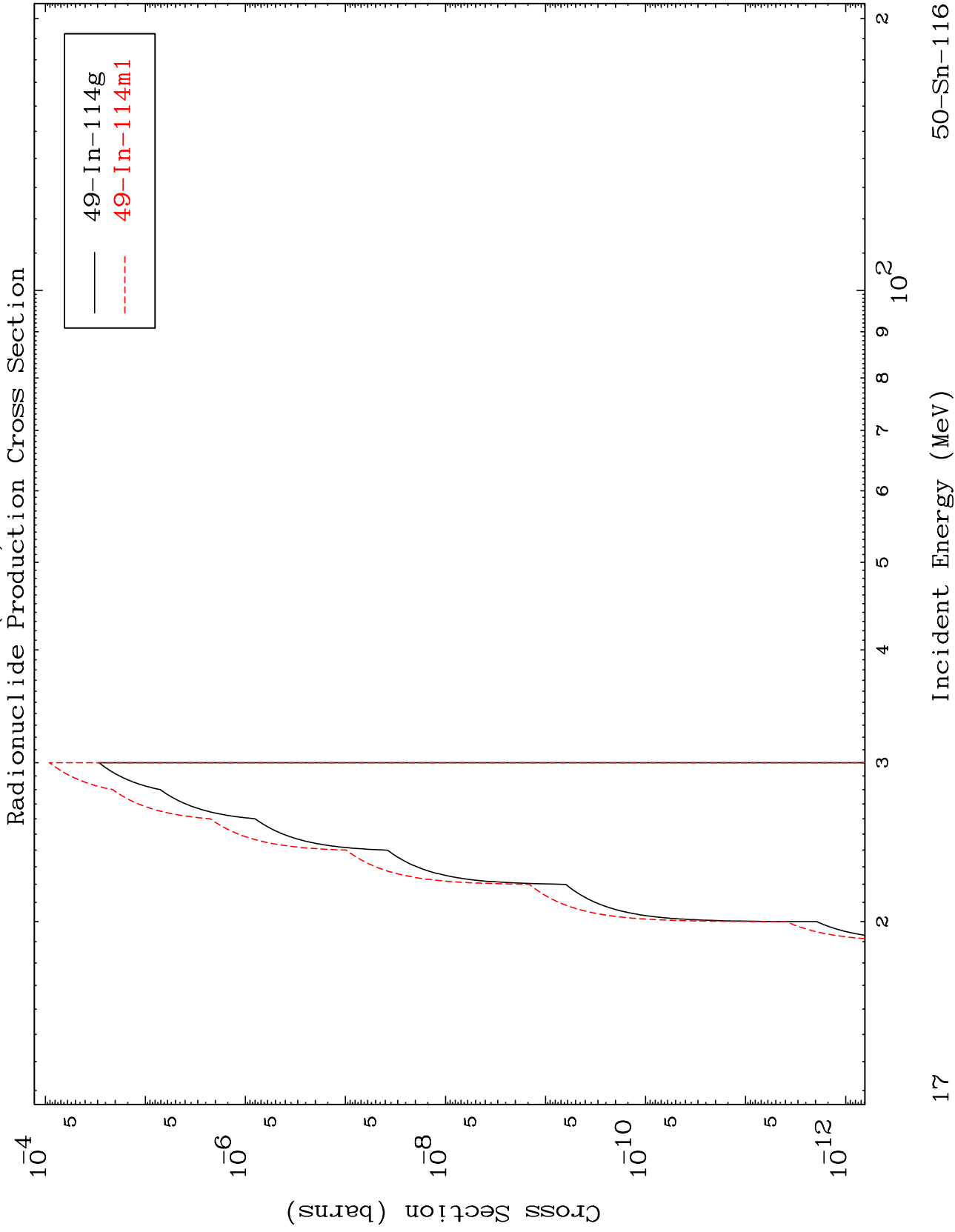
Incident Energy (MeV)

16

MAT 5037

(n,n') He-3

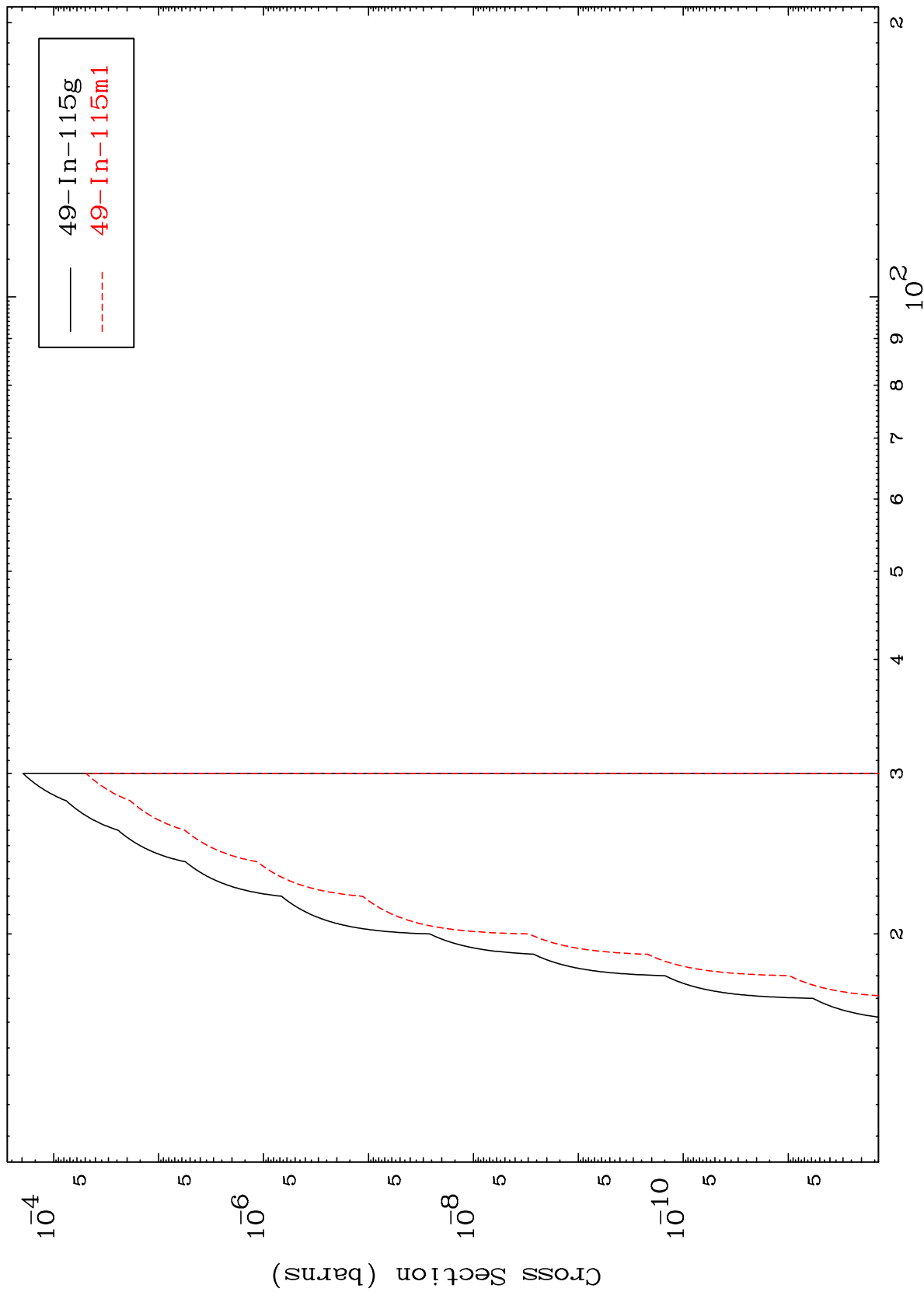
50-Sn-116



17

50-Sn-116

Radionuclide Production Cross Section

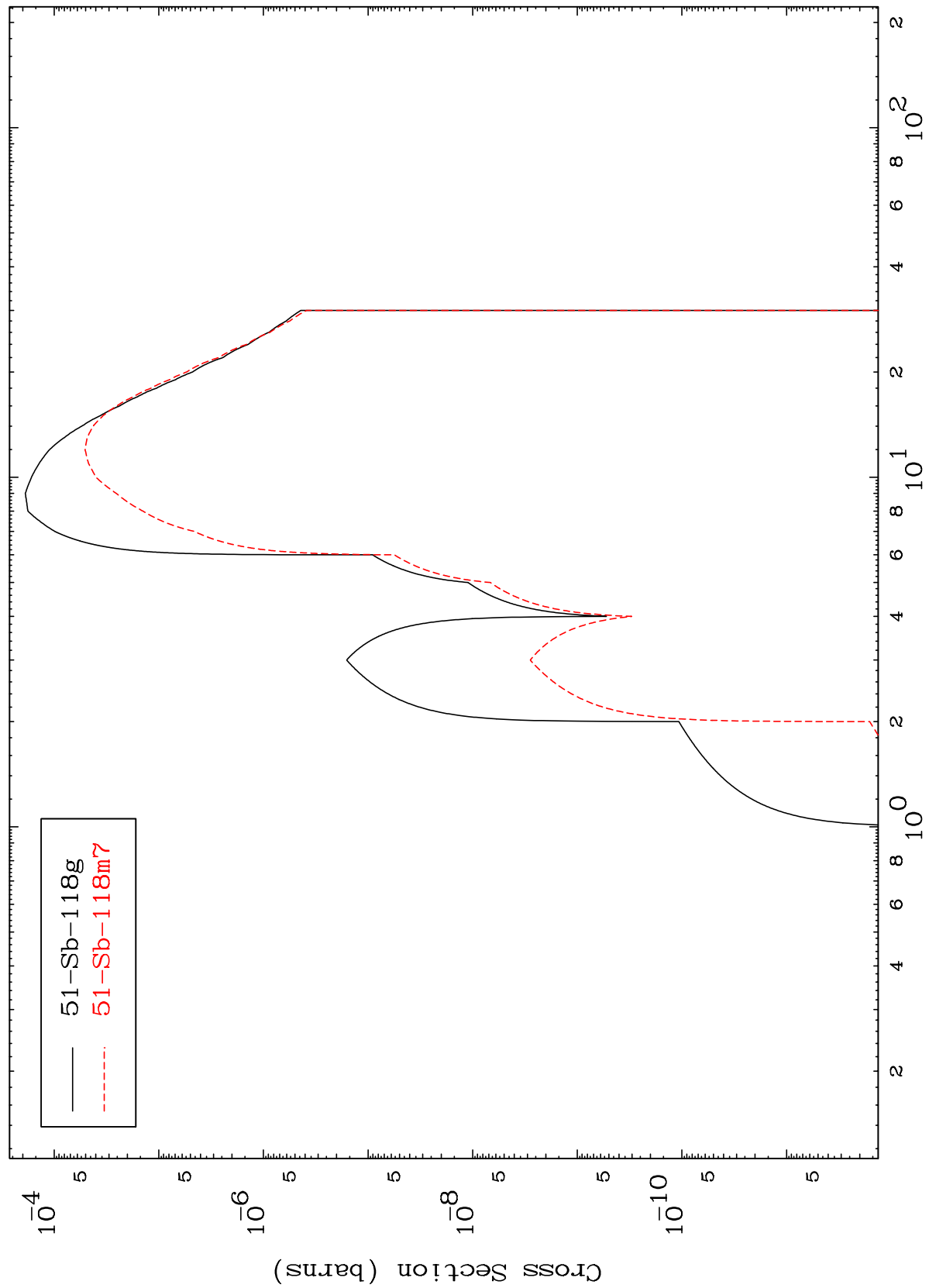


49-In-115g
49-In-115m1

MAT 5037

50-Sn-116

(n, γ)
Radionuclide Production Cross Section



50-Sn-116

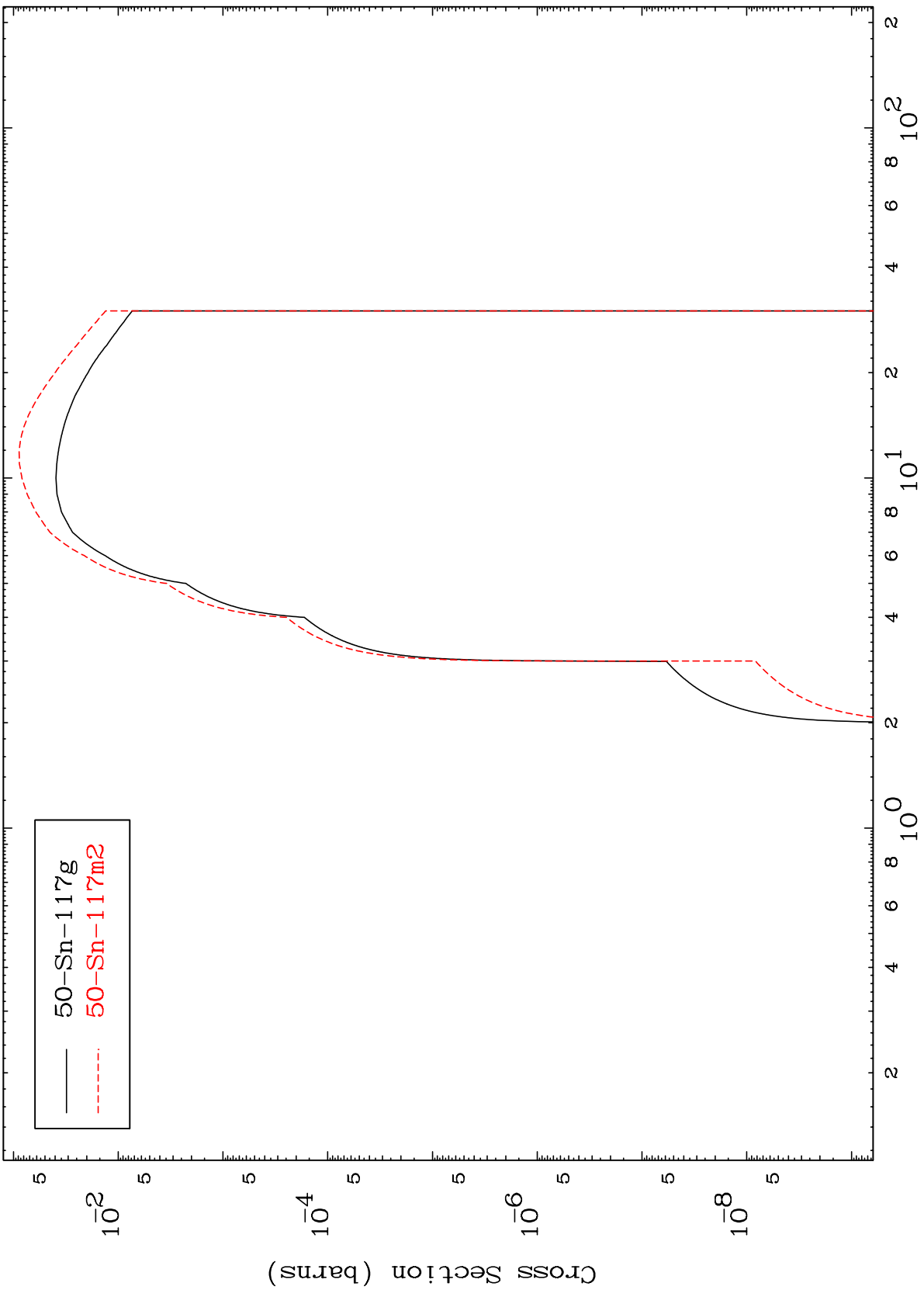
Incident Energy (MeV)

19

MAT 5037

50-Sn-116

(n,p)
Radionuclide Production Cross Section

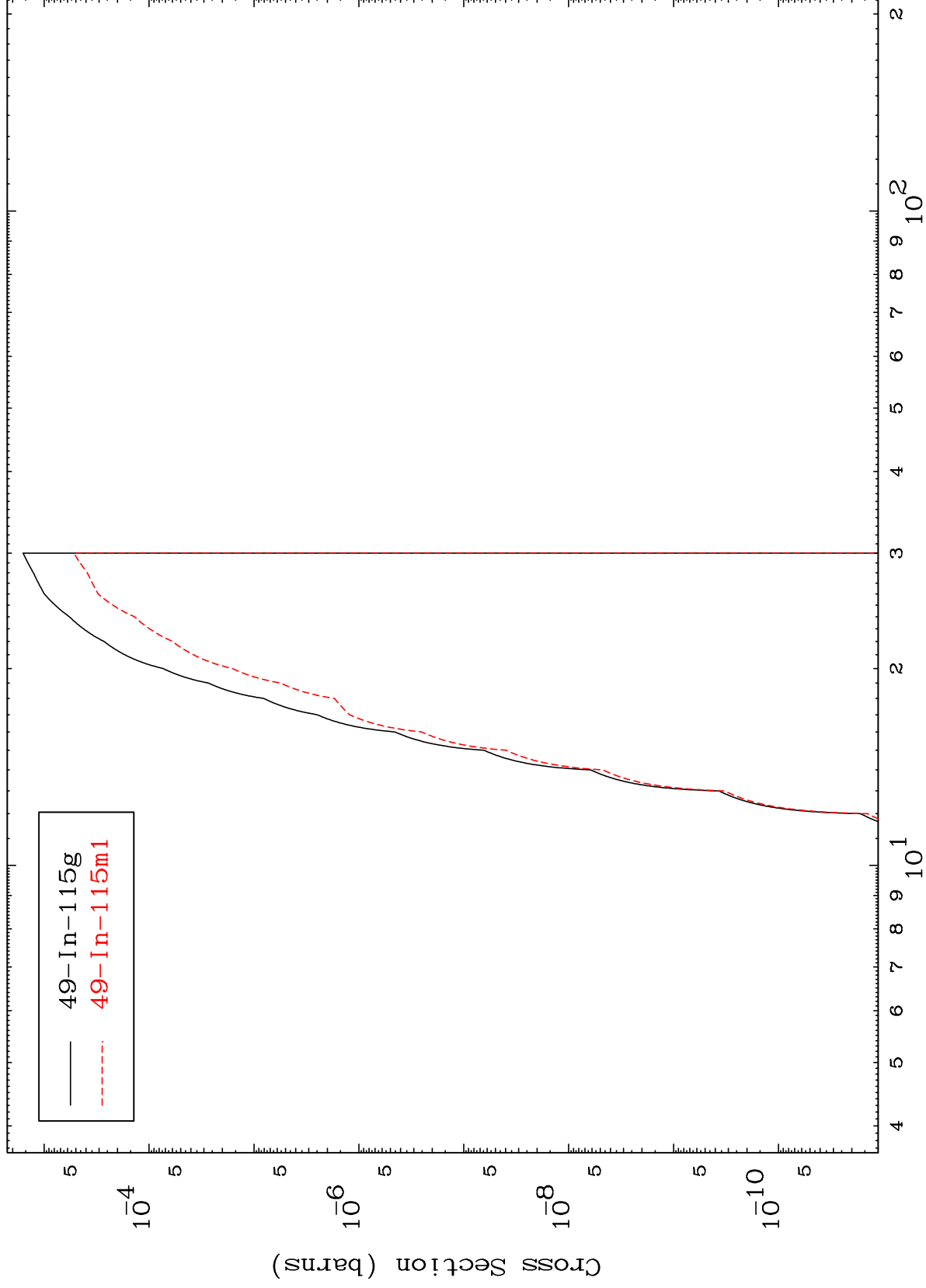


MAT 5037

(n,He-3)

50-Sn-116

Radionuclide Production Cross Section



21

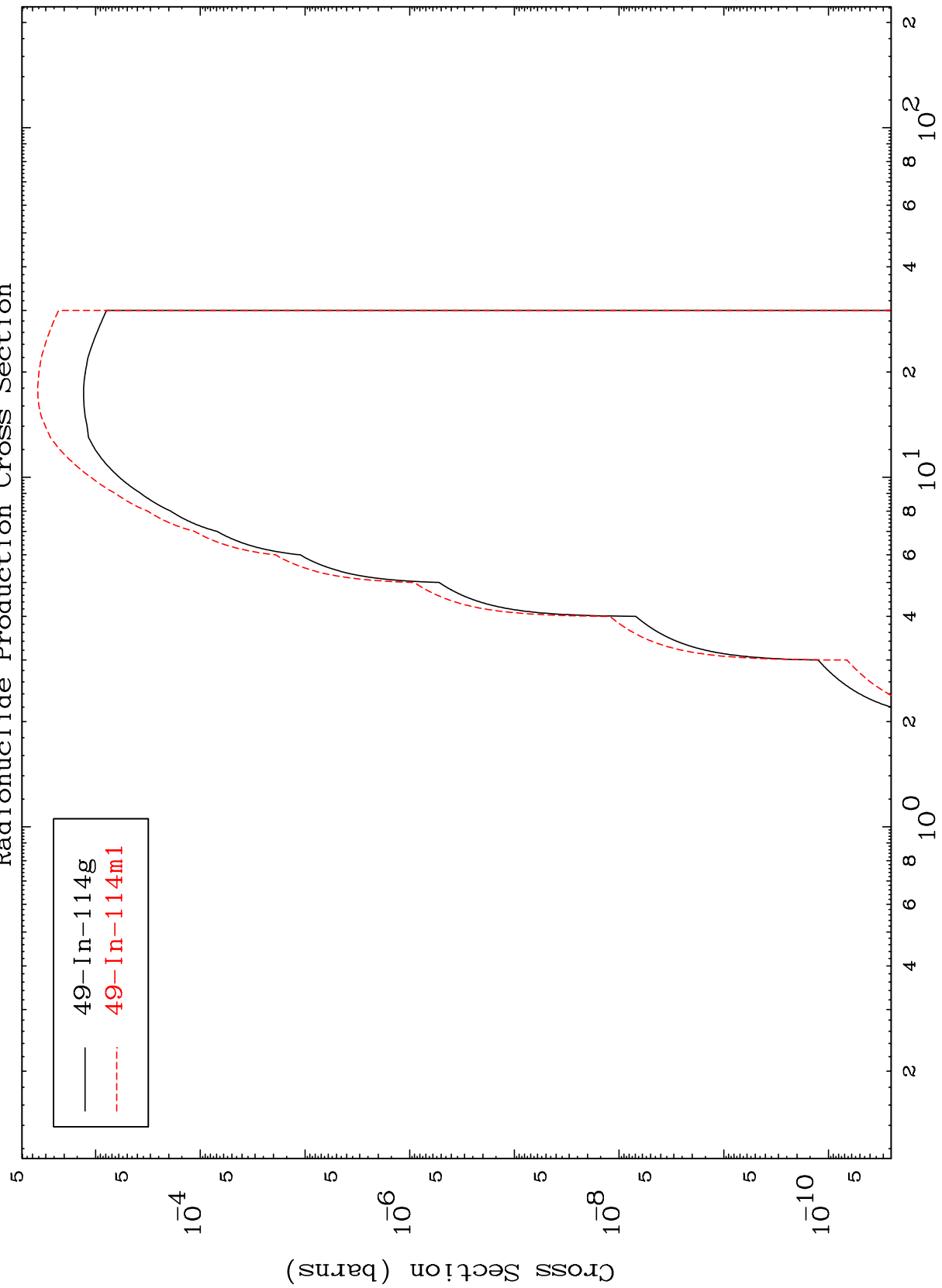
Incident Energy (MeV)

50-Sn-116

MAT 5037

50-Sn-116

(n, α)
Radionuclide Production Cross Section



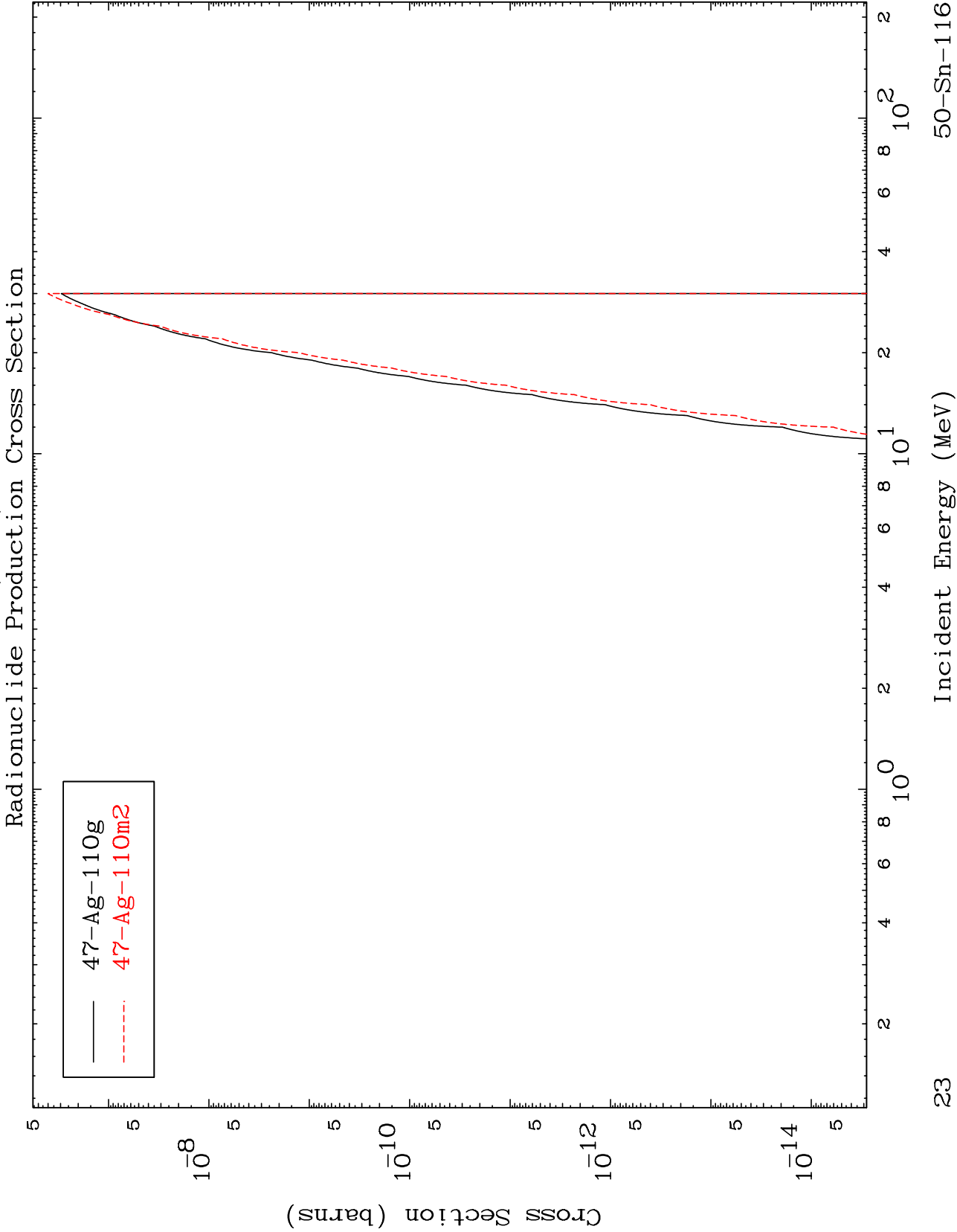
50-Sn-116

Incident Energy (MeV)

MAT 5037

(n,2α)

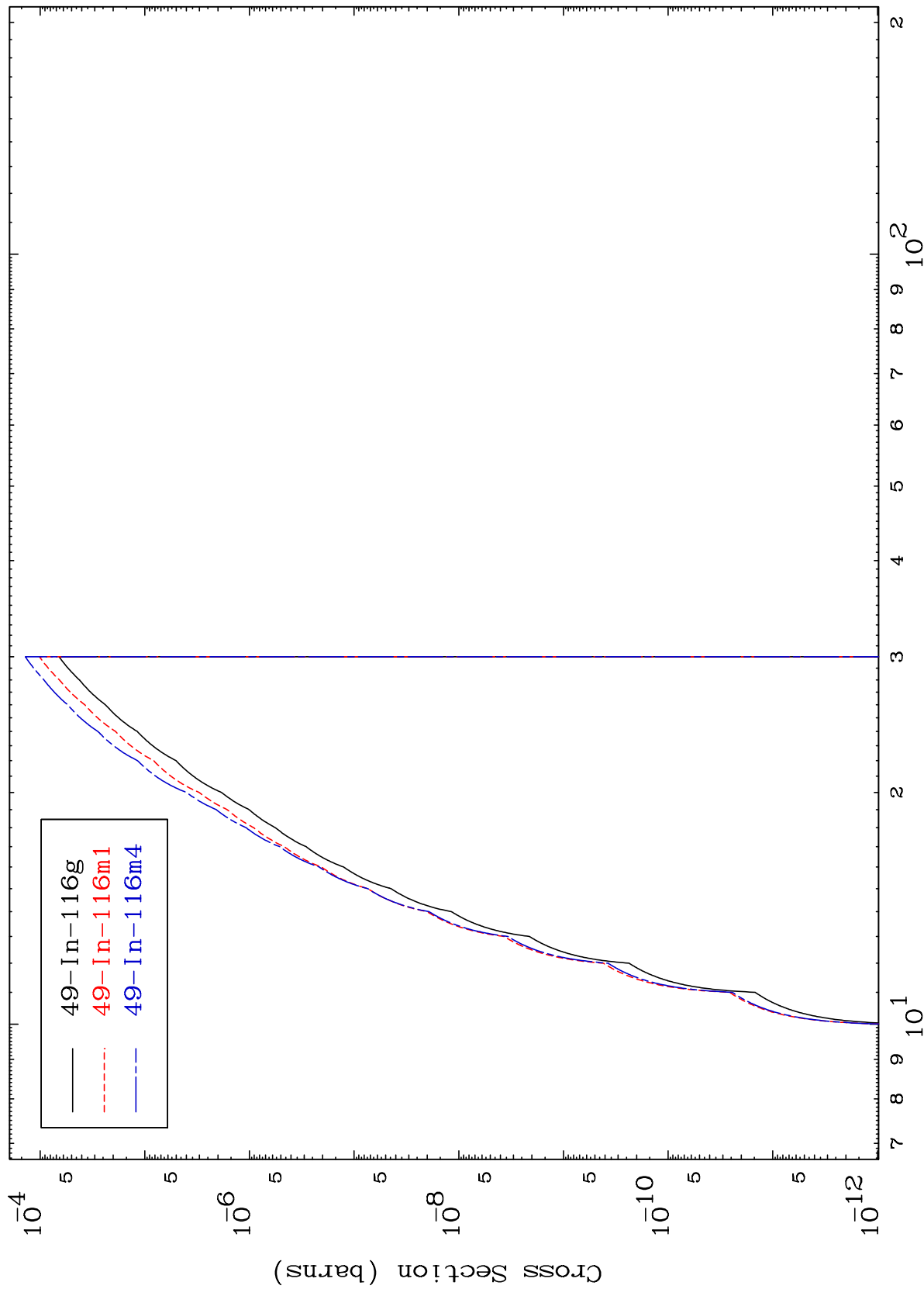
50-Sn-116



MAT 5037

50-Sn-116

(n,2p)
Radionuclide Production Cross Section



50-Sn-116

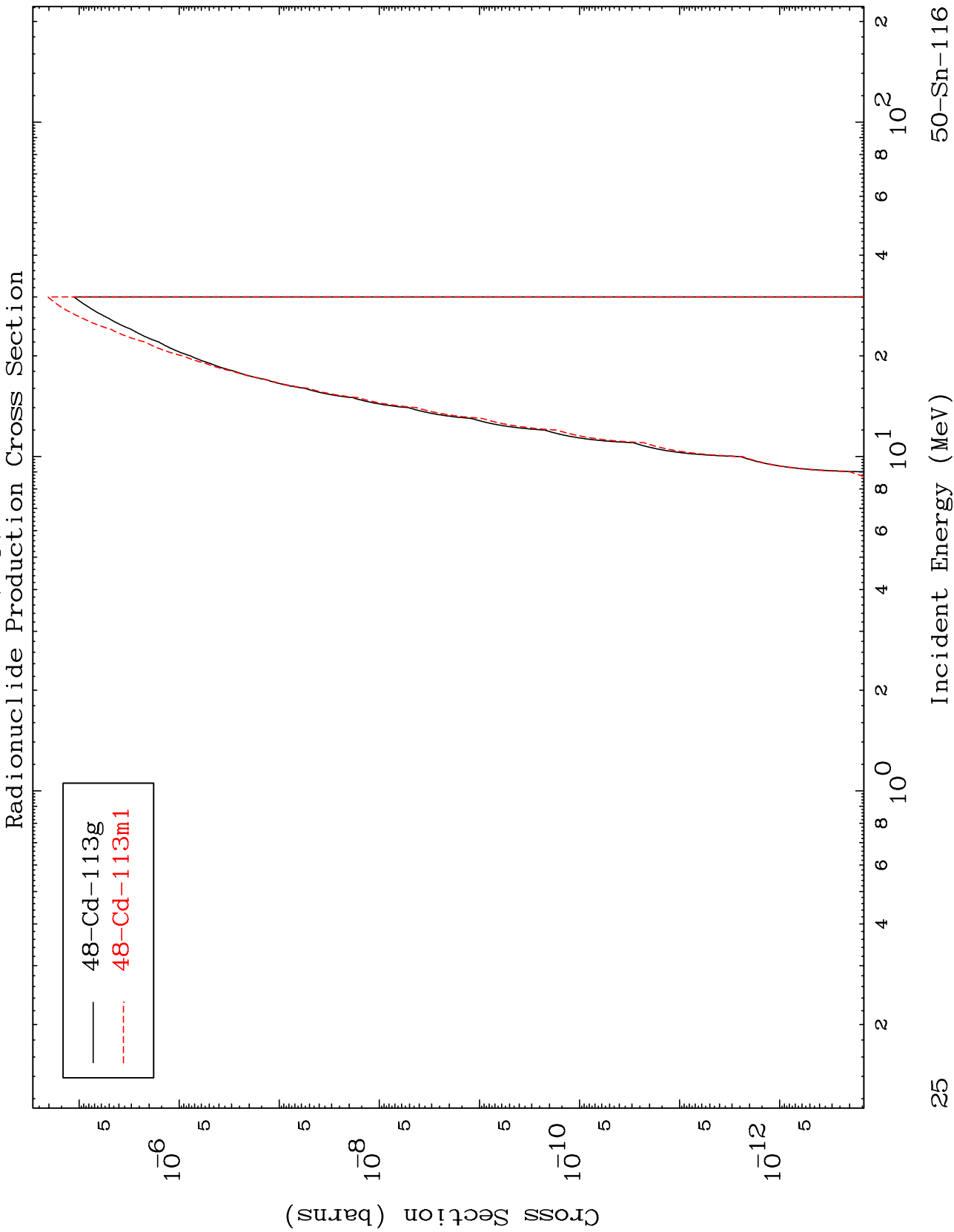
Incident Energy (MeV)

24

MAT 5037

(n,p) α

50-Sn-116



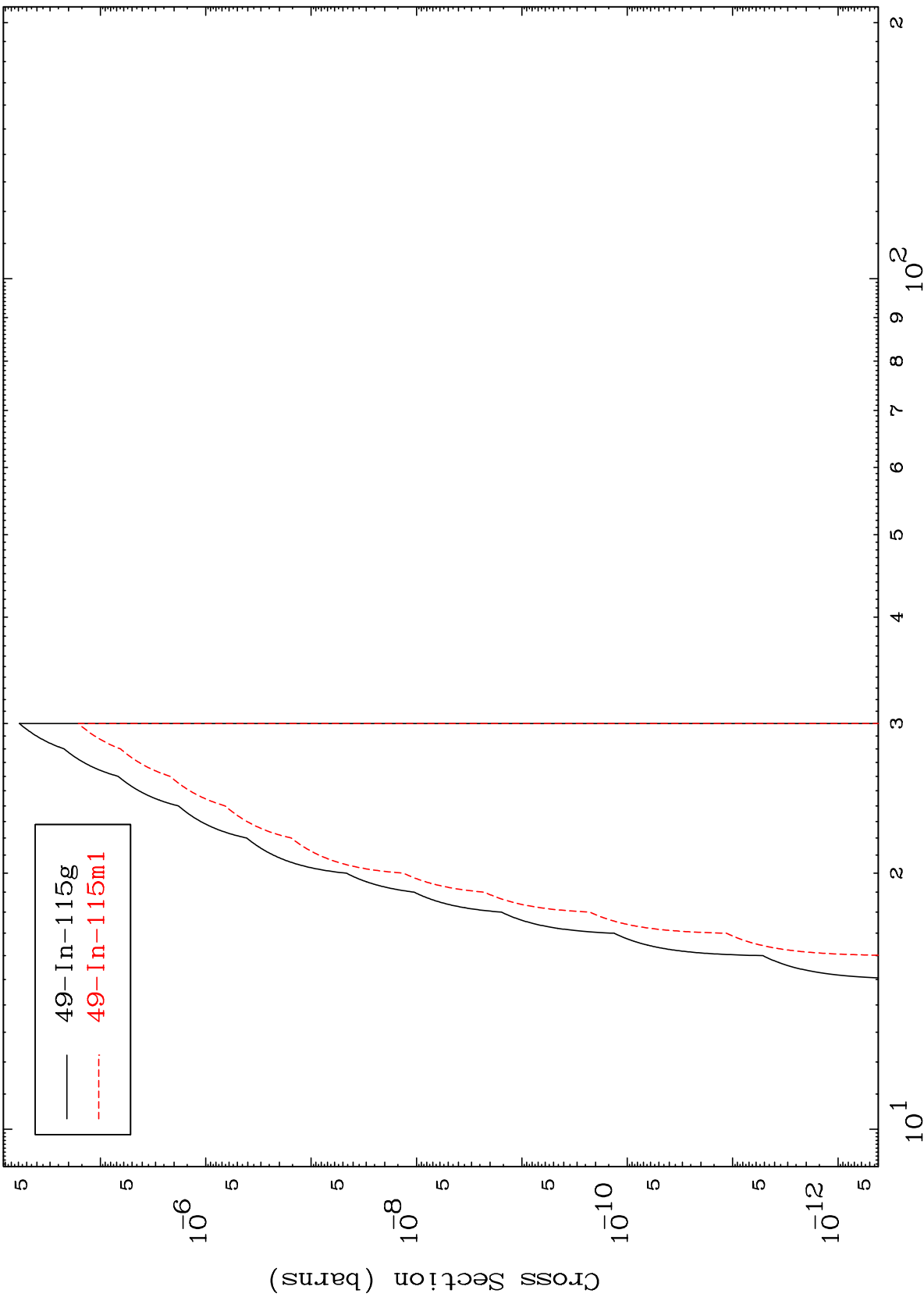
48-Cd-113g
48-Cd-113m1

MAT 5037

(n,p) d

50-Sn-116

Radionuclide Production Cross Section



— 49-In-115g
- - - 49-In-115m1

26

Incident Energy (MeV)

50-Sn-116

MAT 5037

(n,p) t

50-Sn-116

