

Program EVALPLOT
(Version 2021-1)

by

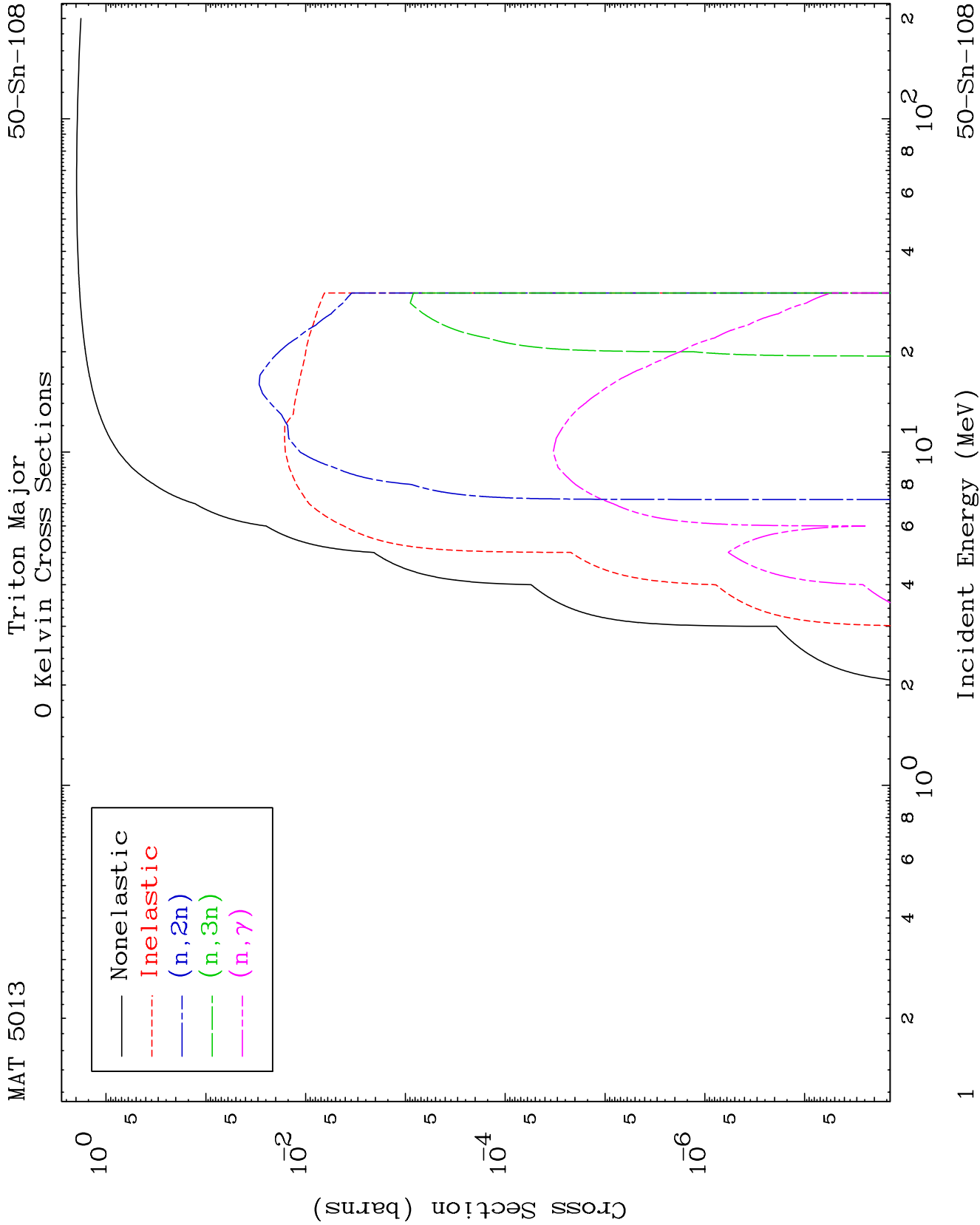
Dermott E. Cullen
(Present Contact Information)

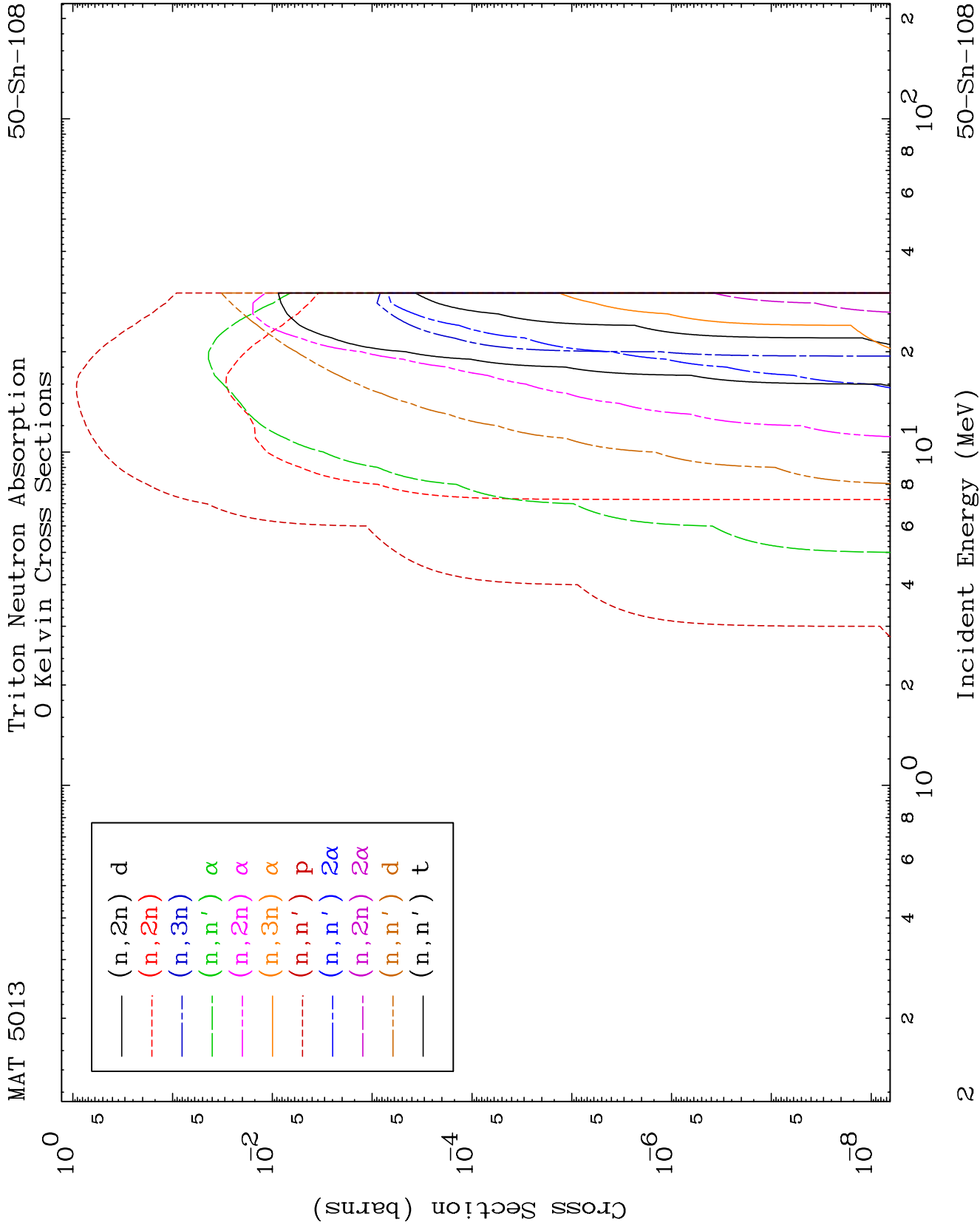
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

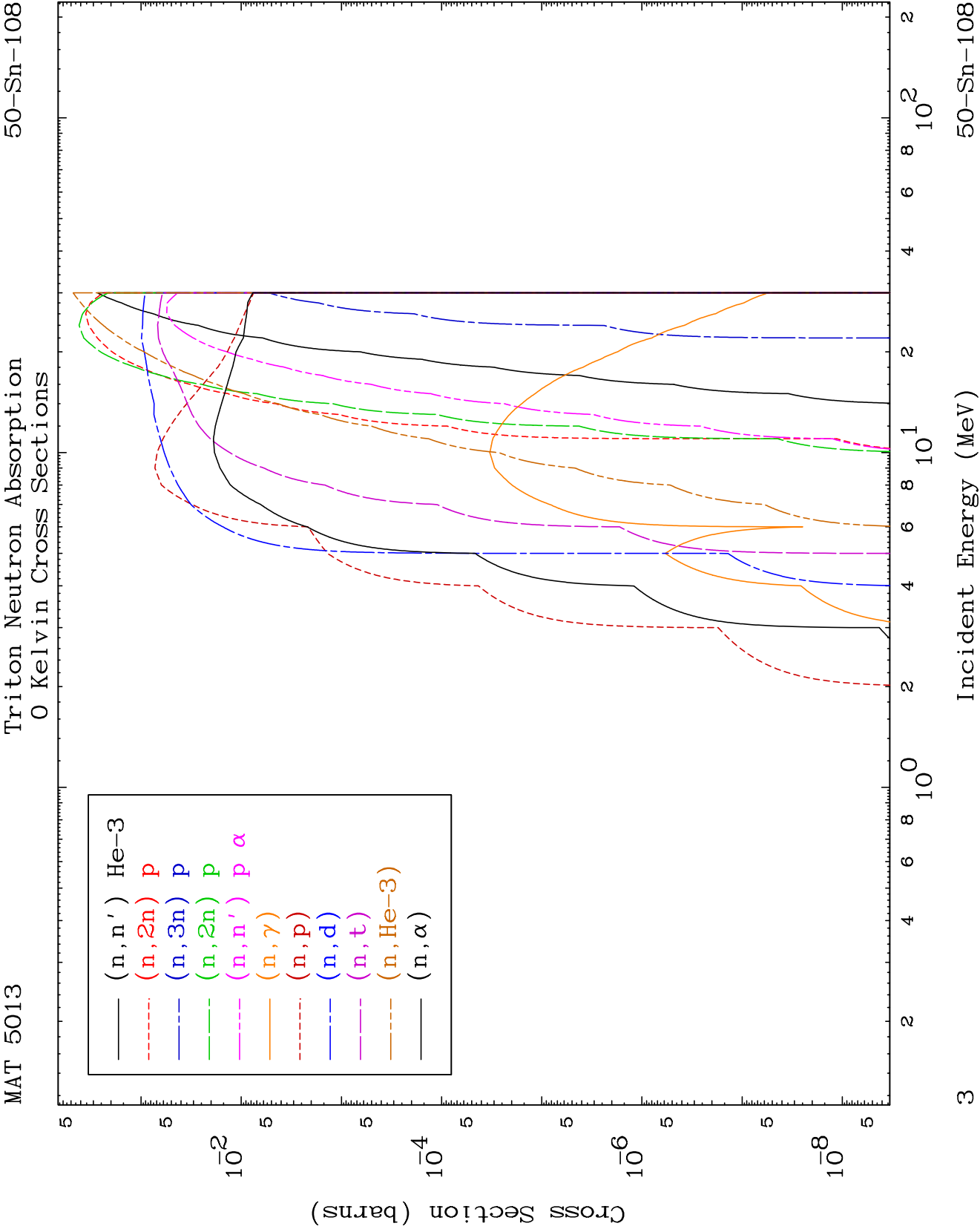
Tele: 925-443-1911

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

Press Mouse Button to Start



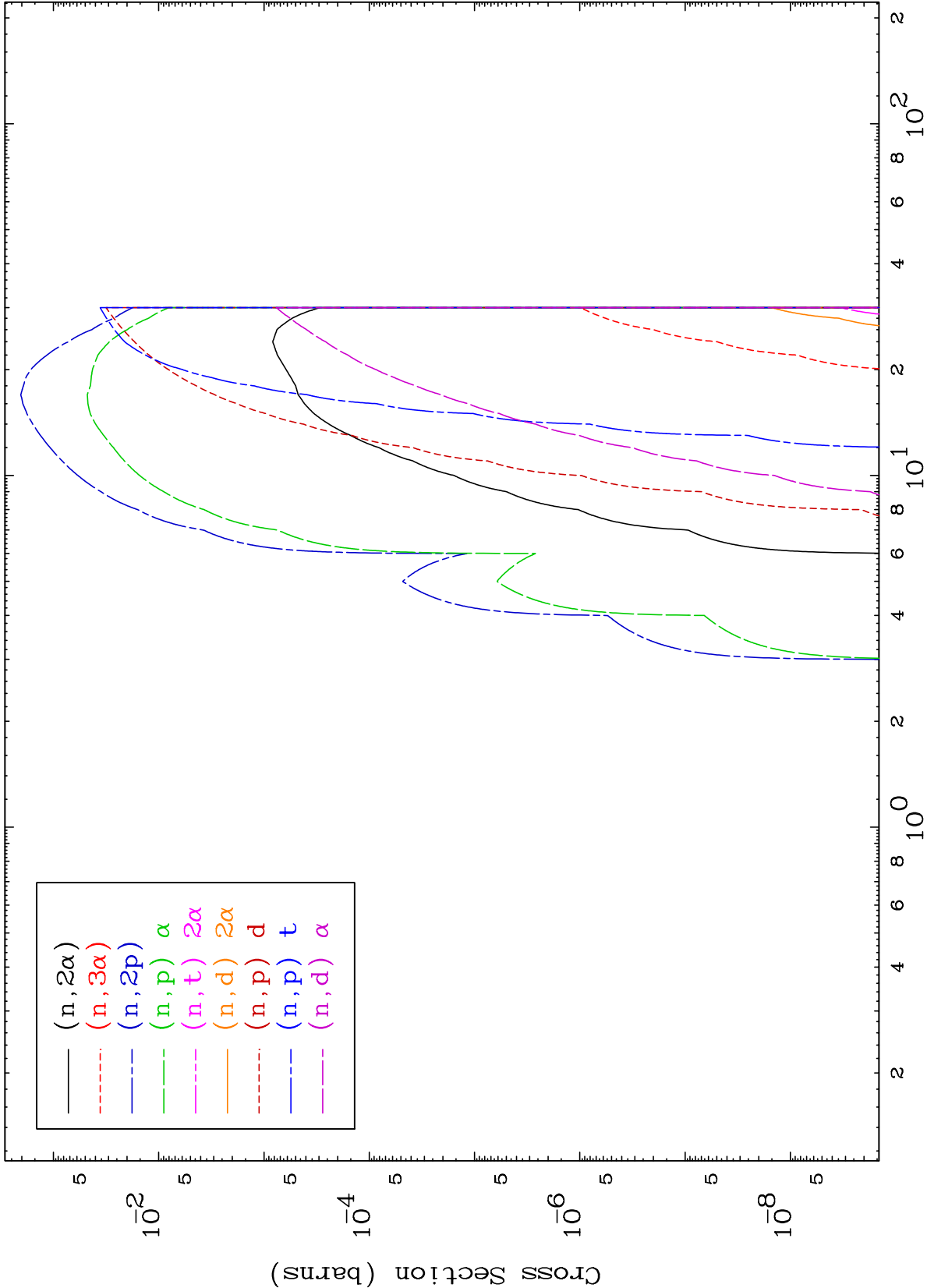


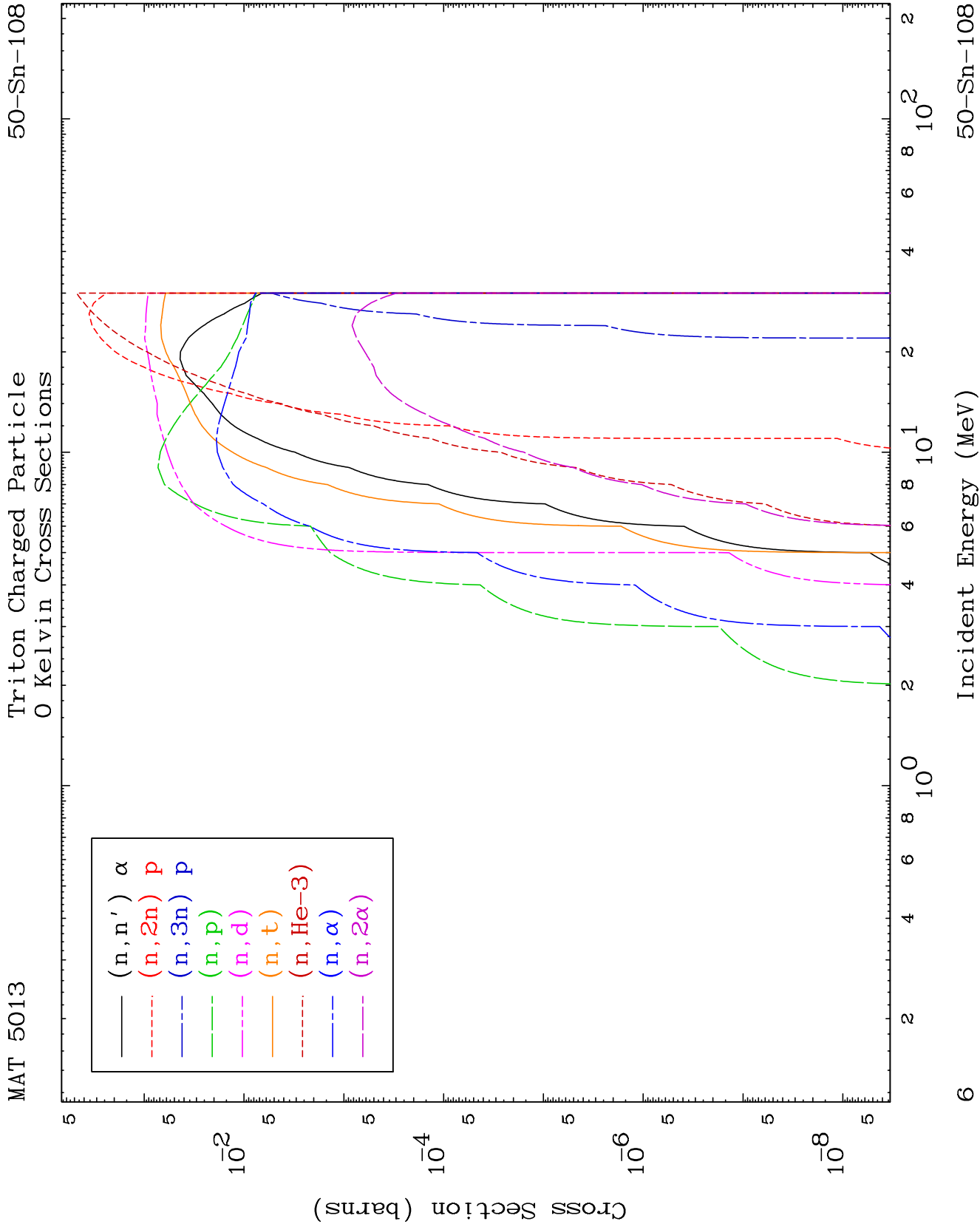


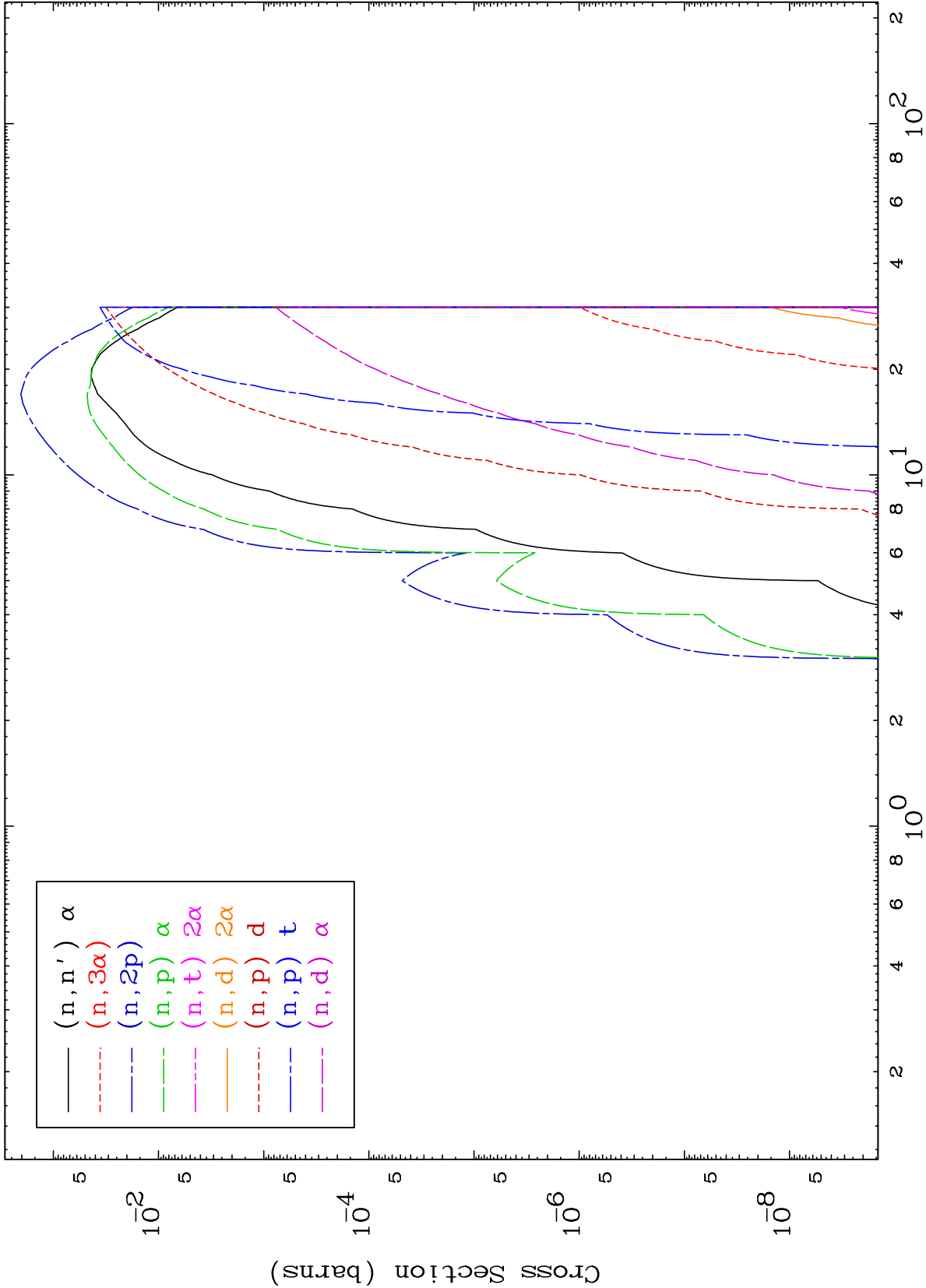
MAT 5013

Triton Neutron Absorption
0 Kelvin Cross Sections

50-Sn-108



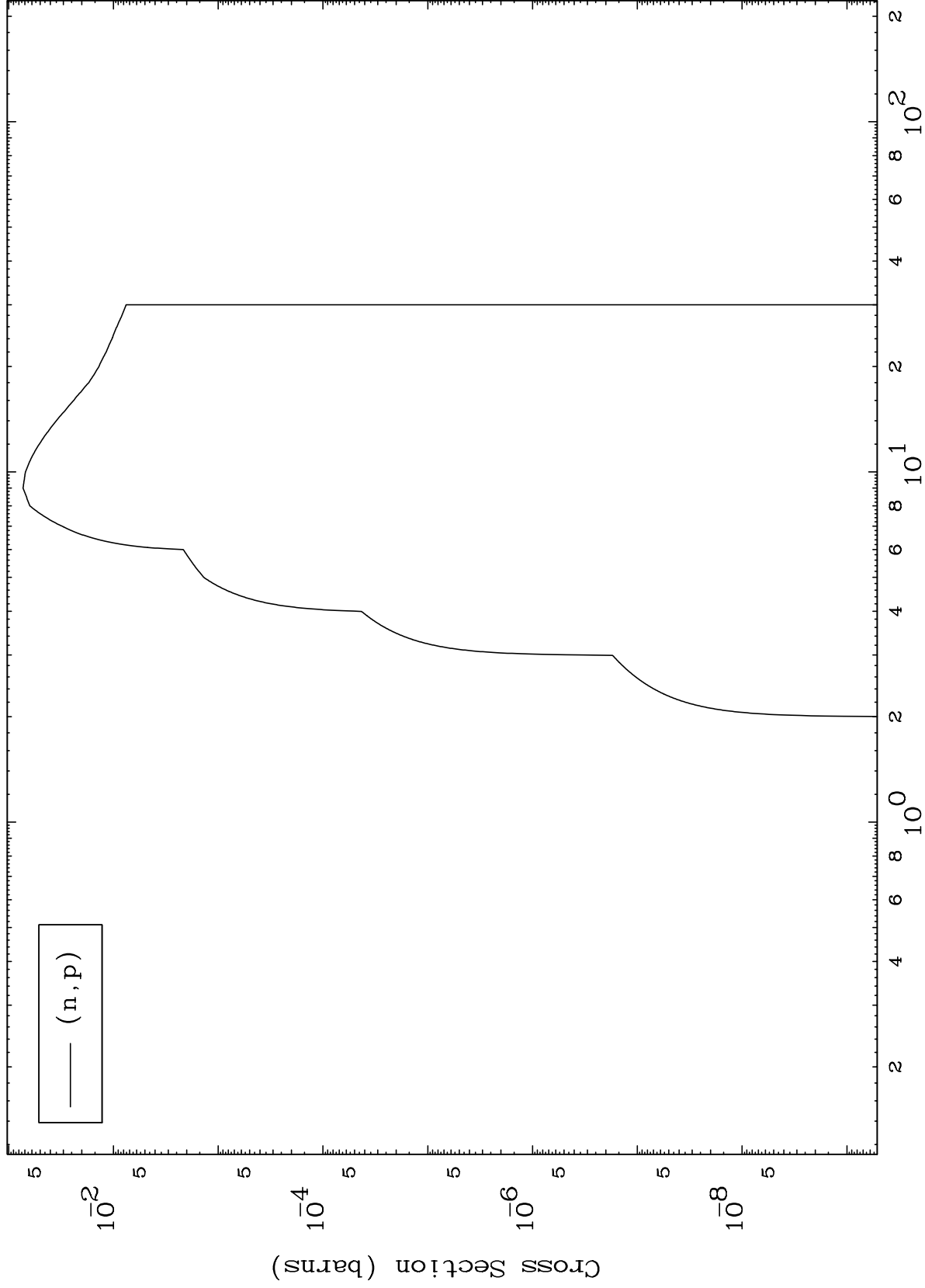




MAT 5013

50-Sn-108

(t,p) Levels
0 Kelvin Cross Sections



— (n,p)

8

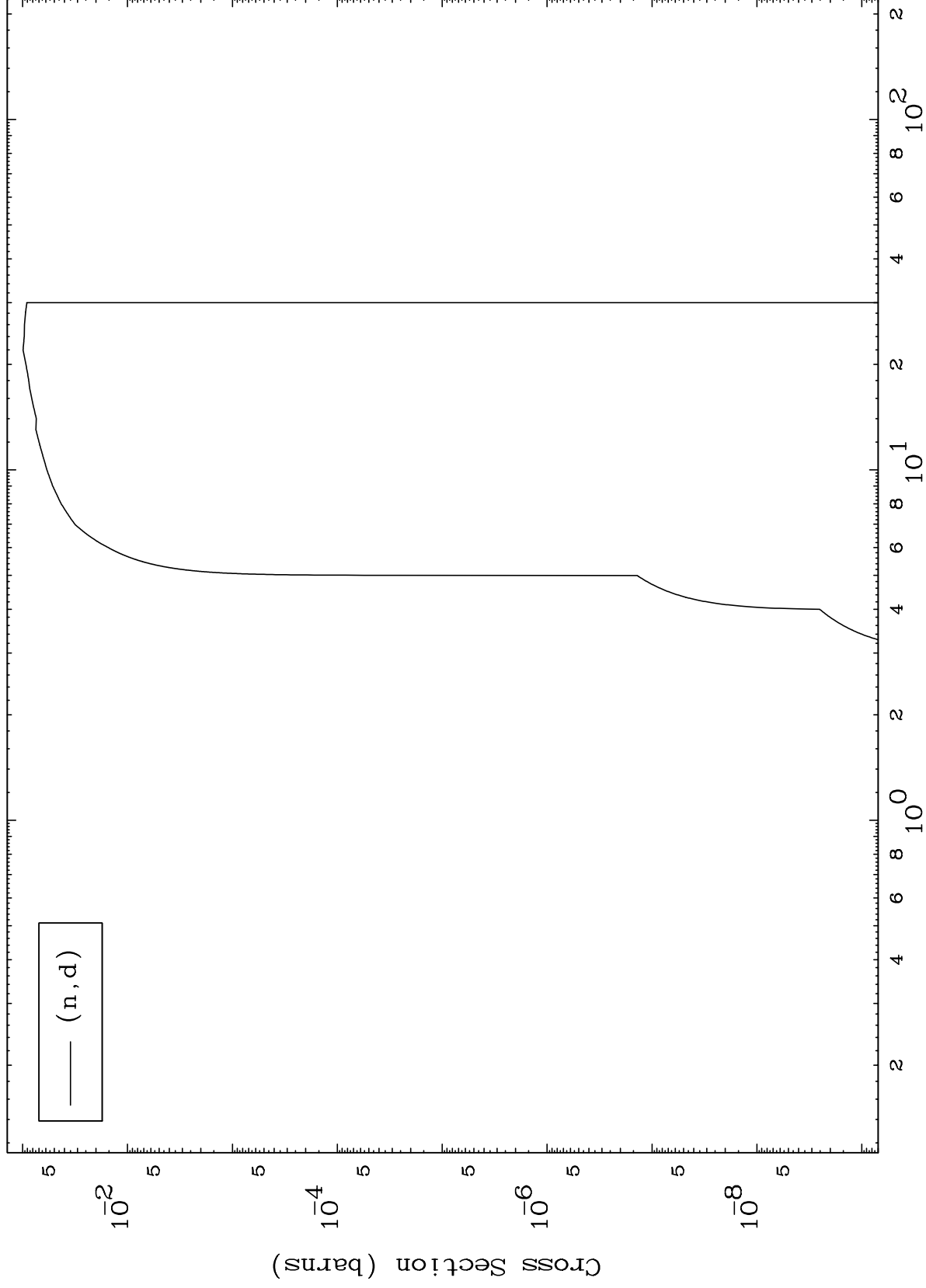
Incident Energy (MeV)

50-Sn-108

MAT 5013

50-Sn-108

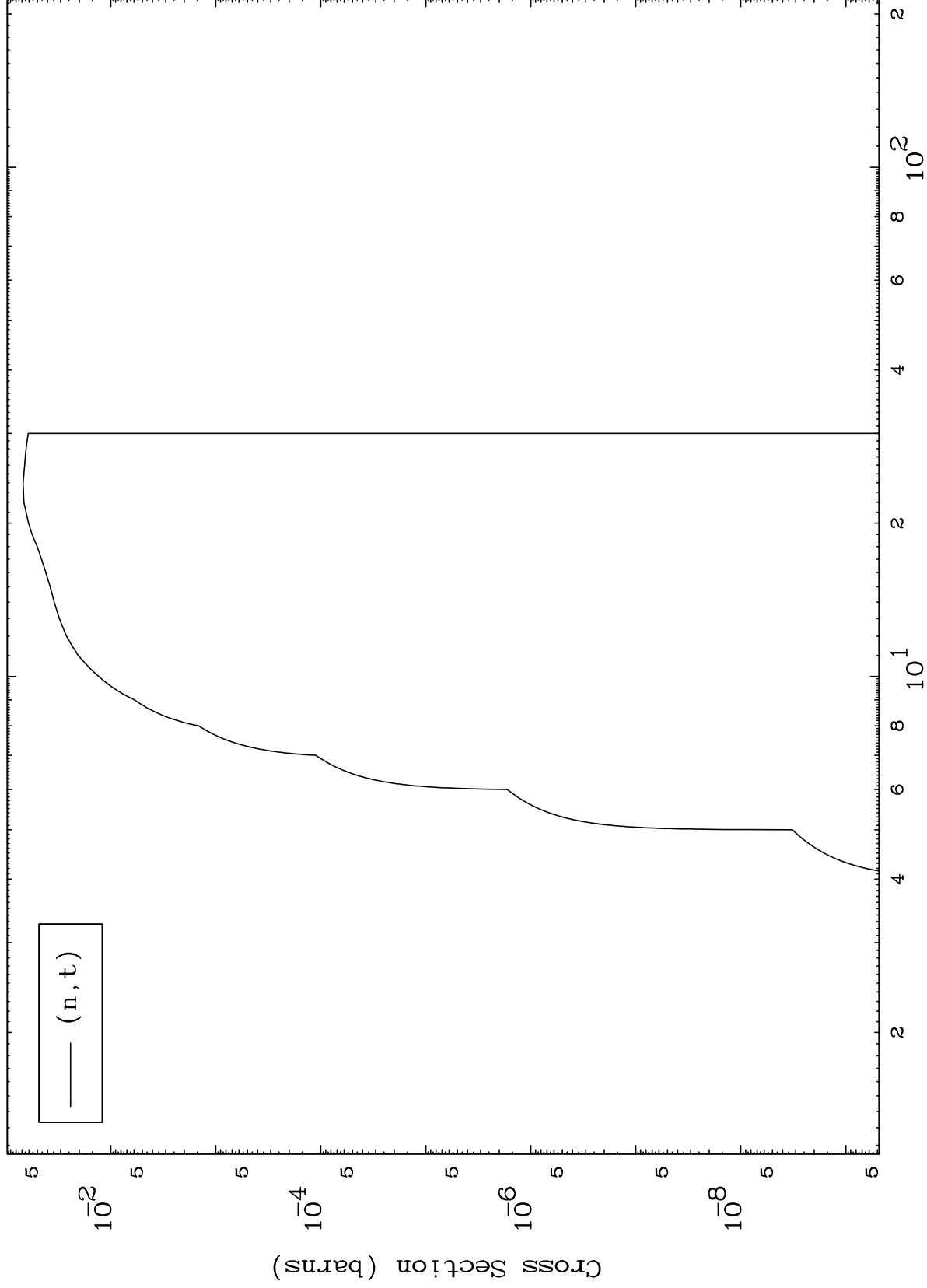
(t,d) Levels
0 Kelvin Cross Sections

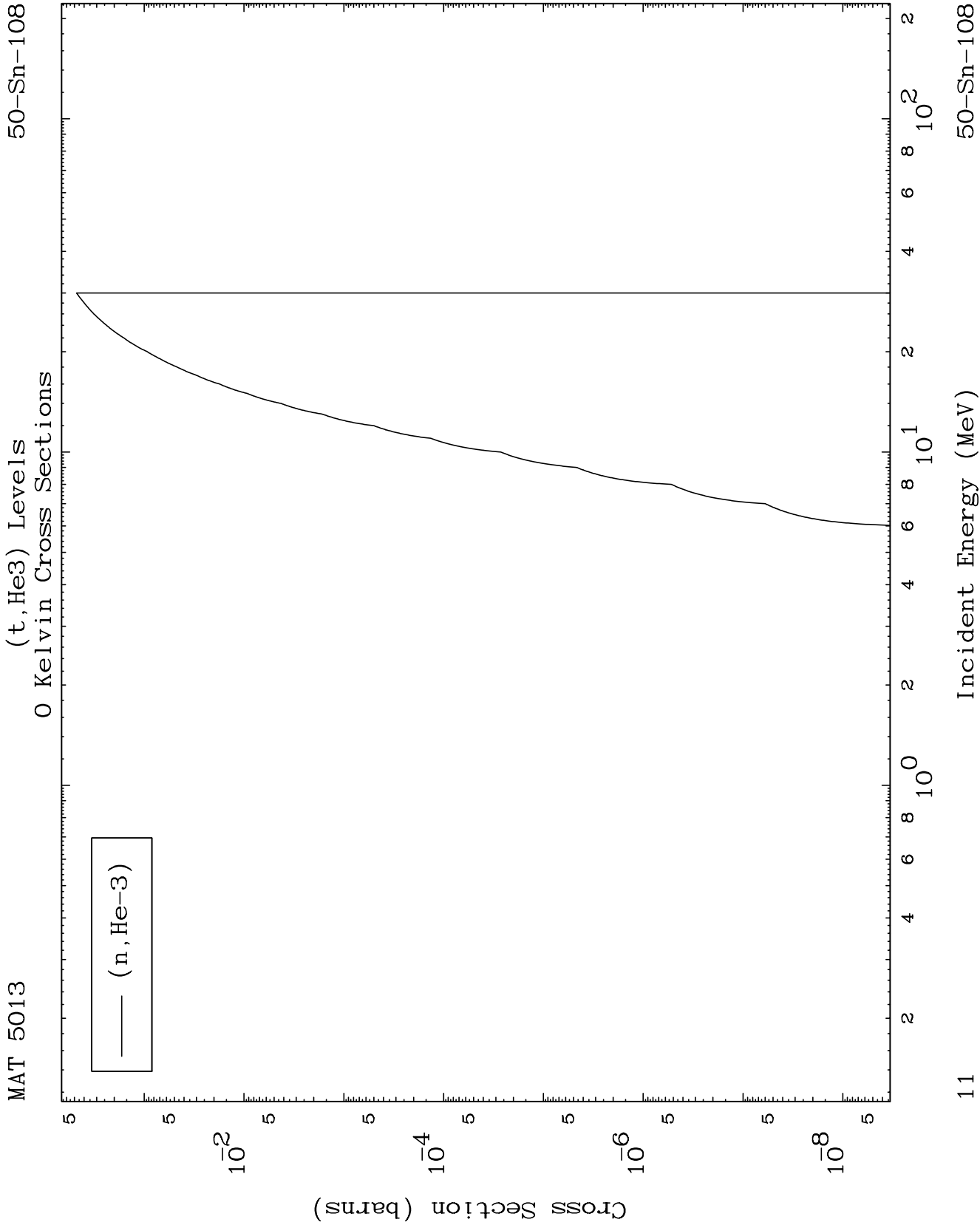


MAT 5013

50-Sn-108

(t,t) Levels
0 Kelvin Cross Sections



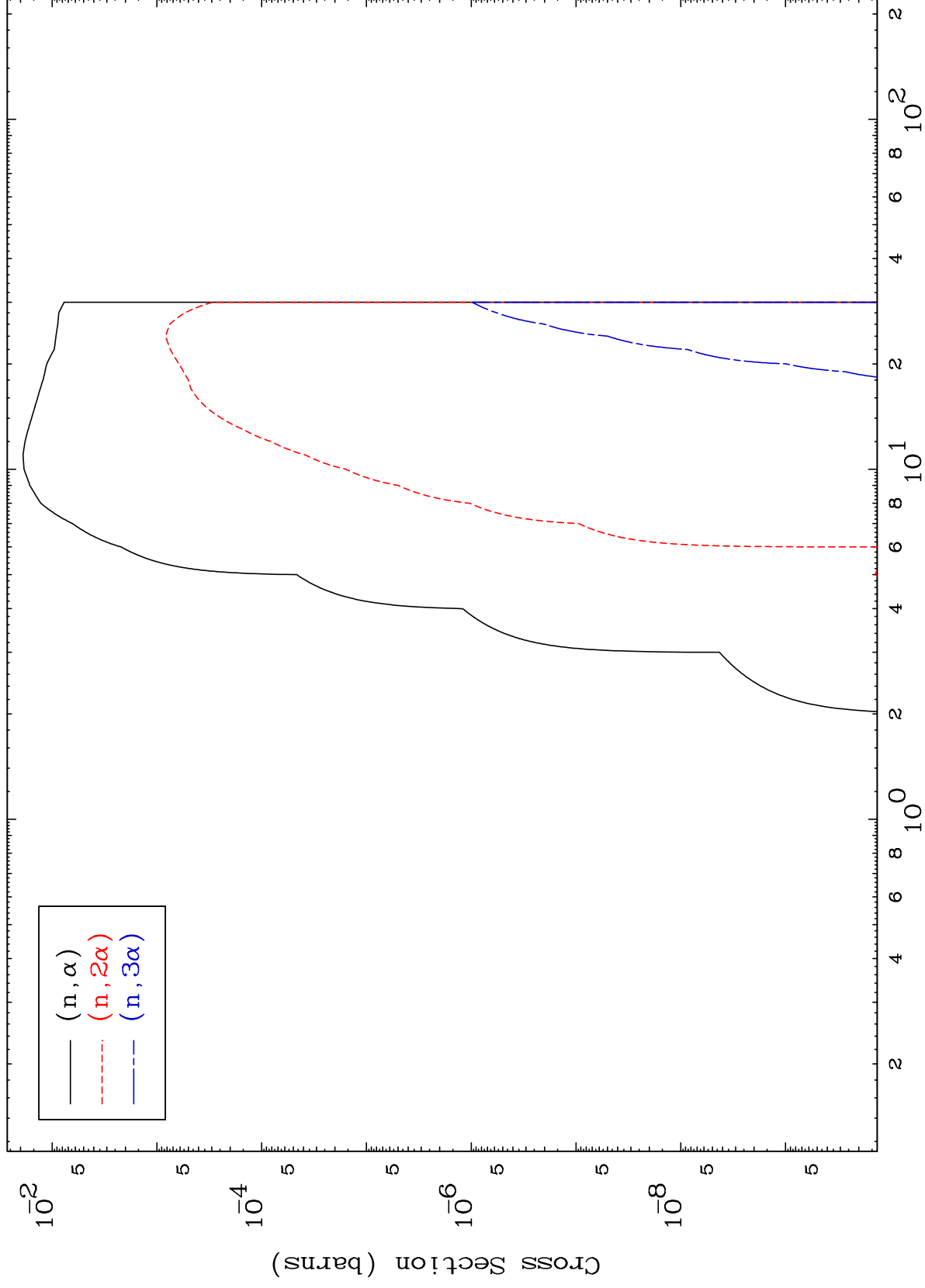


MAT 5013

(t, α) Levels

50-Sn-108

0 Kelvin Cross Sections



12

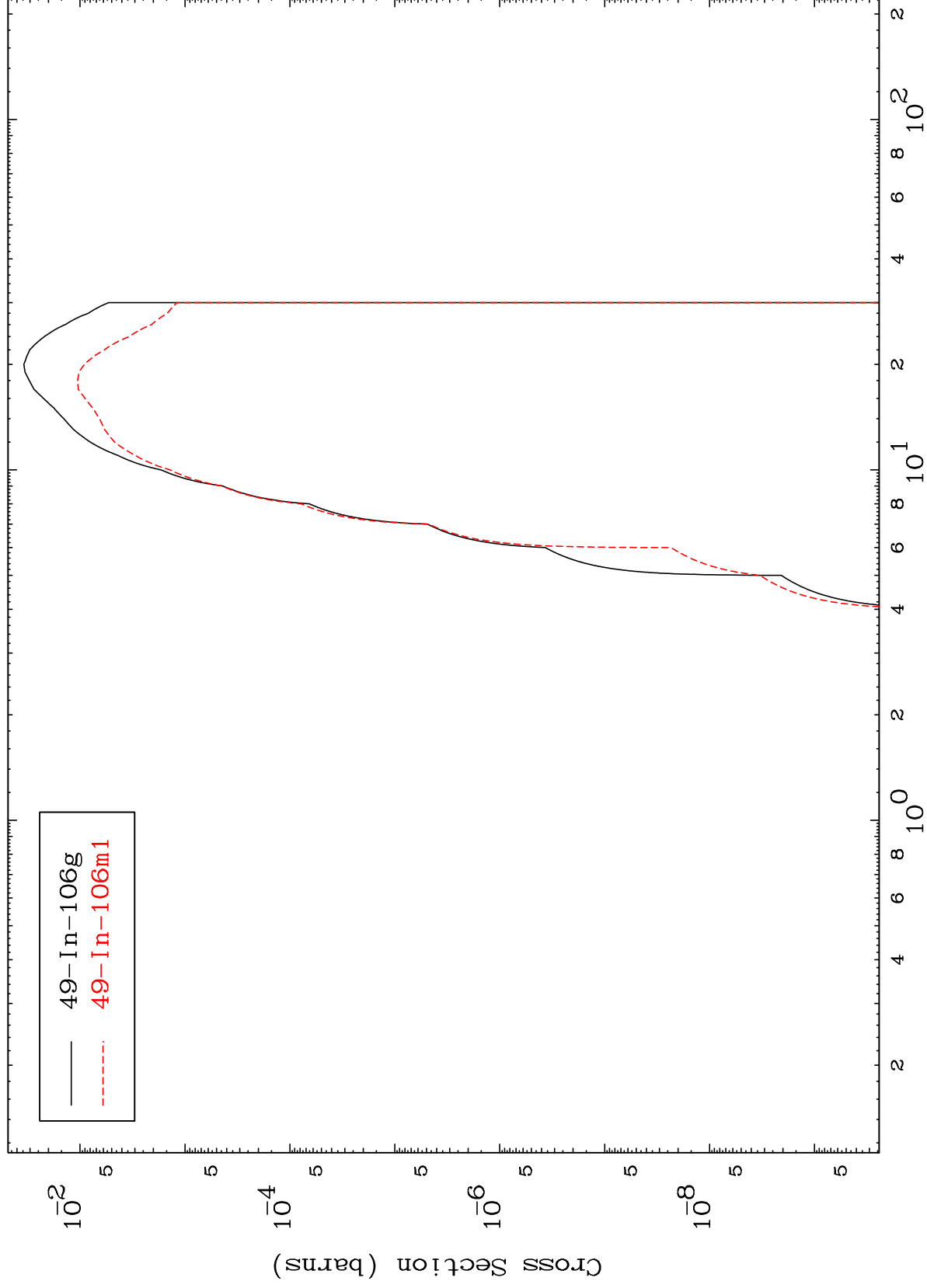
Incident Energy (MeV)

50-Sn-108

MAT 5013

50-Sn-108

Radionuclide Production Cross Section
(n,n') α



13

Incident Energy (MeV)

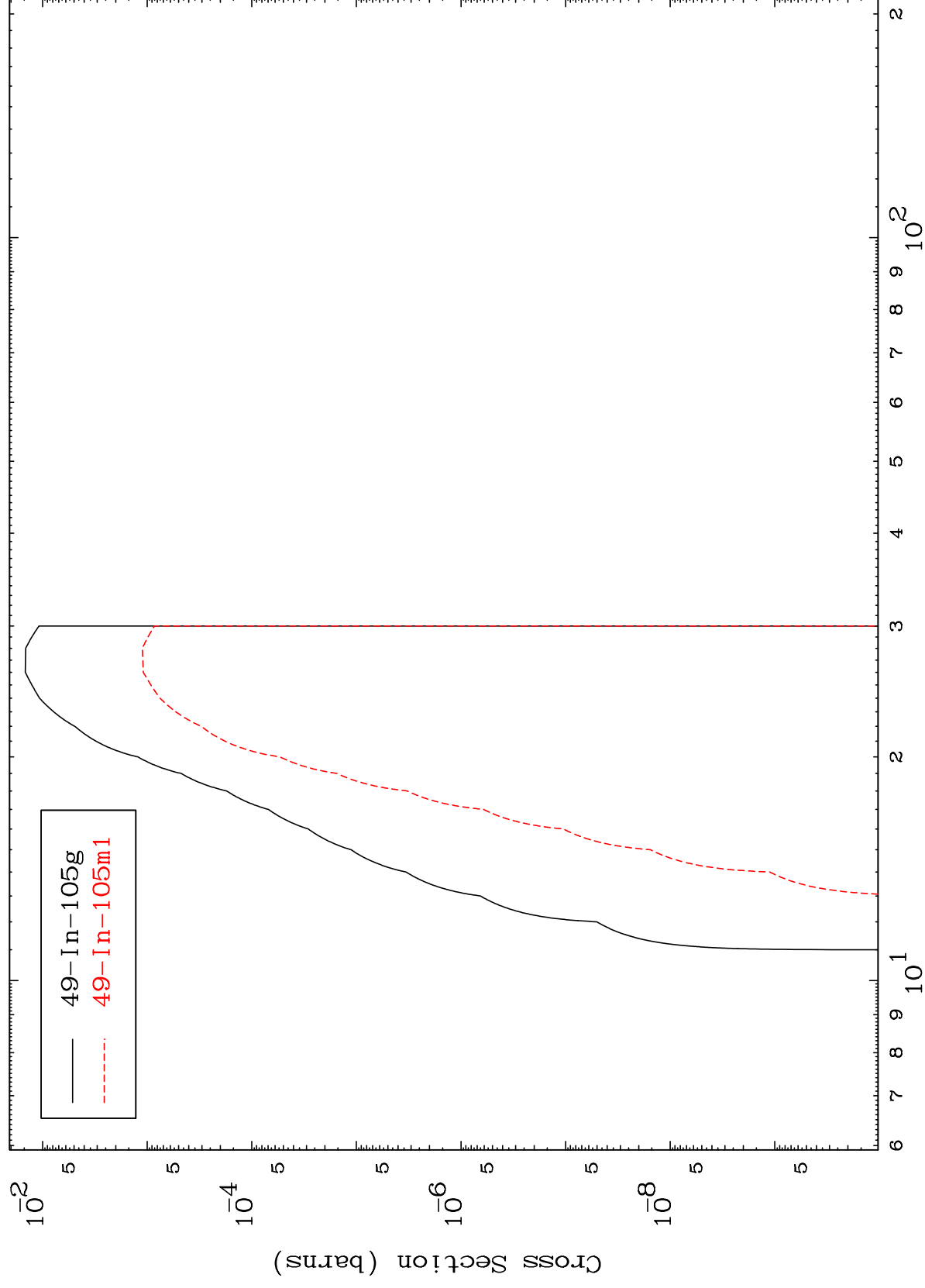
50-Sn-108

MAT 5013

50-Sn-108

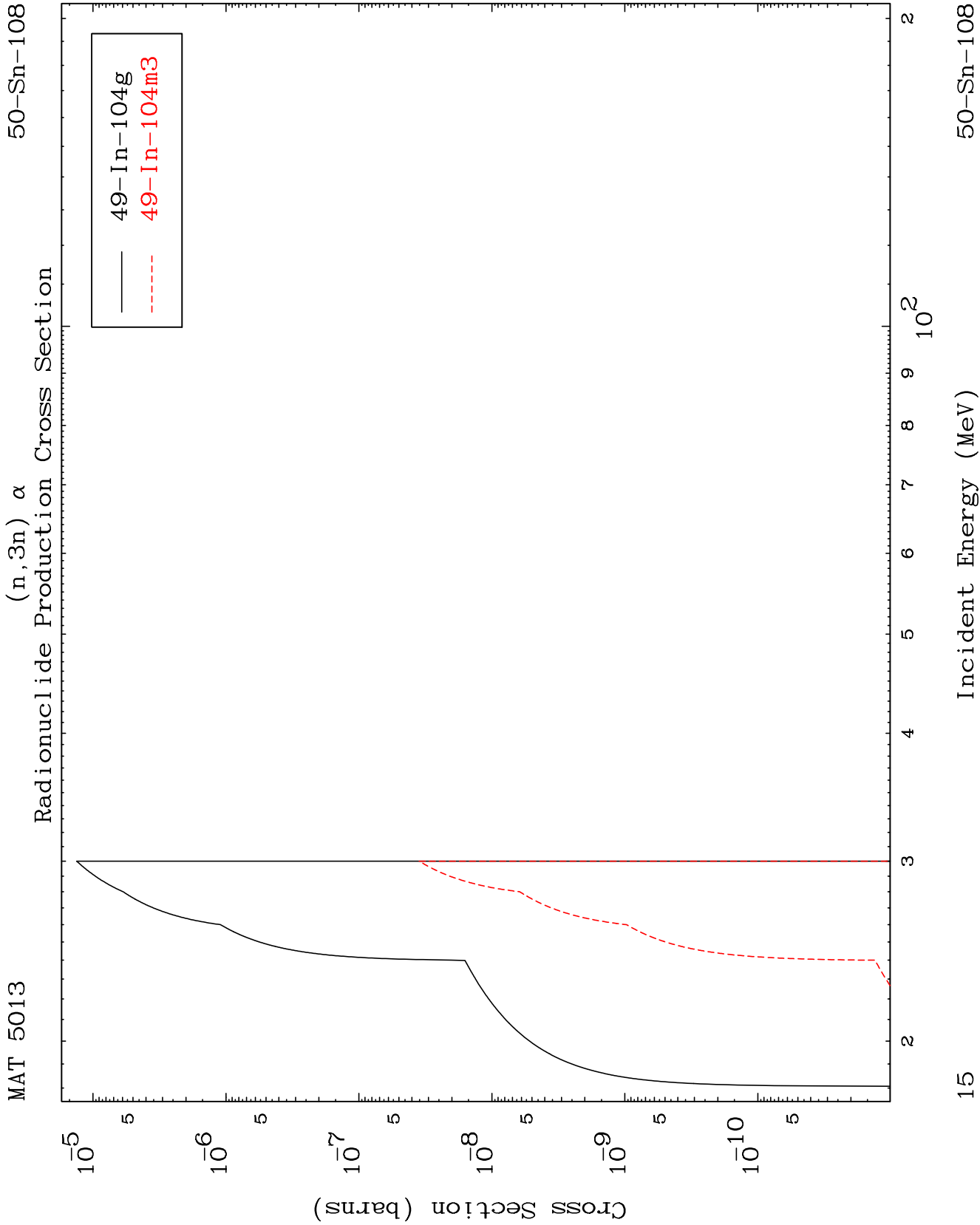
$$(n, 2n) \propto$$

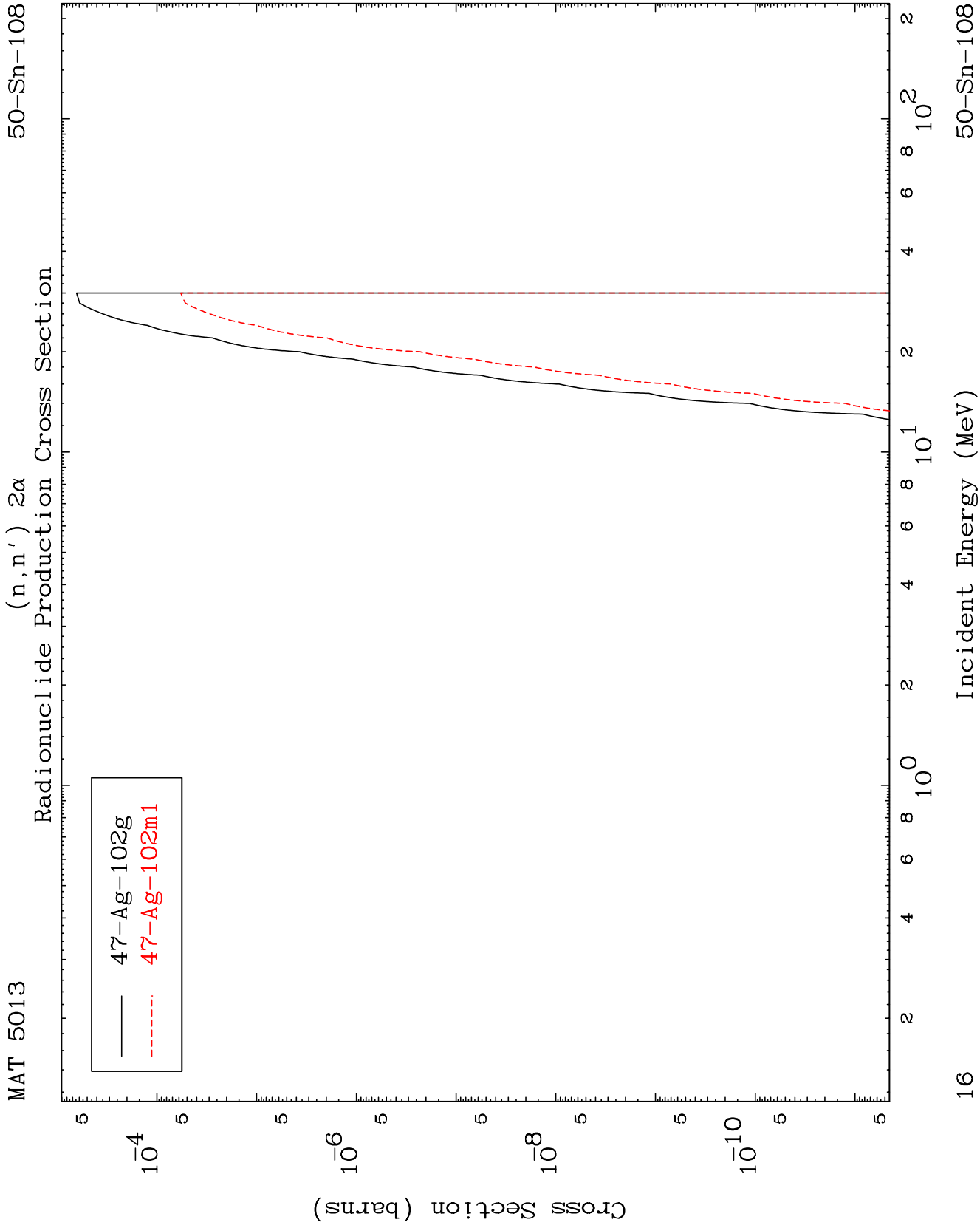
Radionuclide Production Cross Section

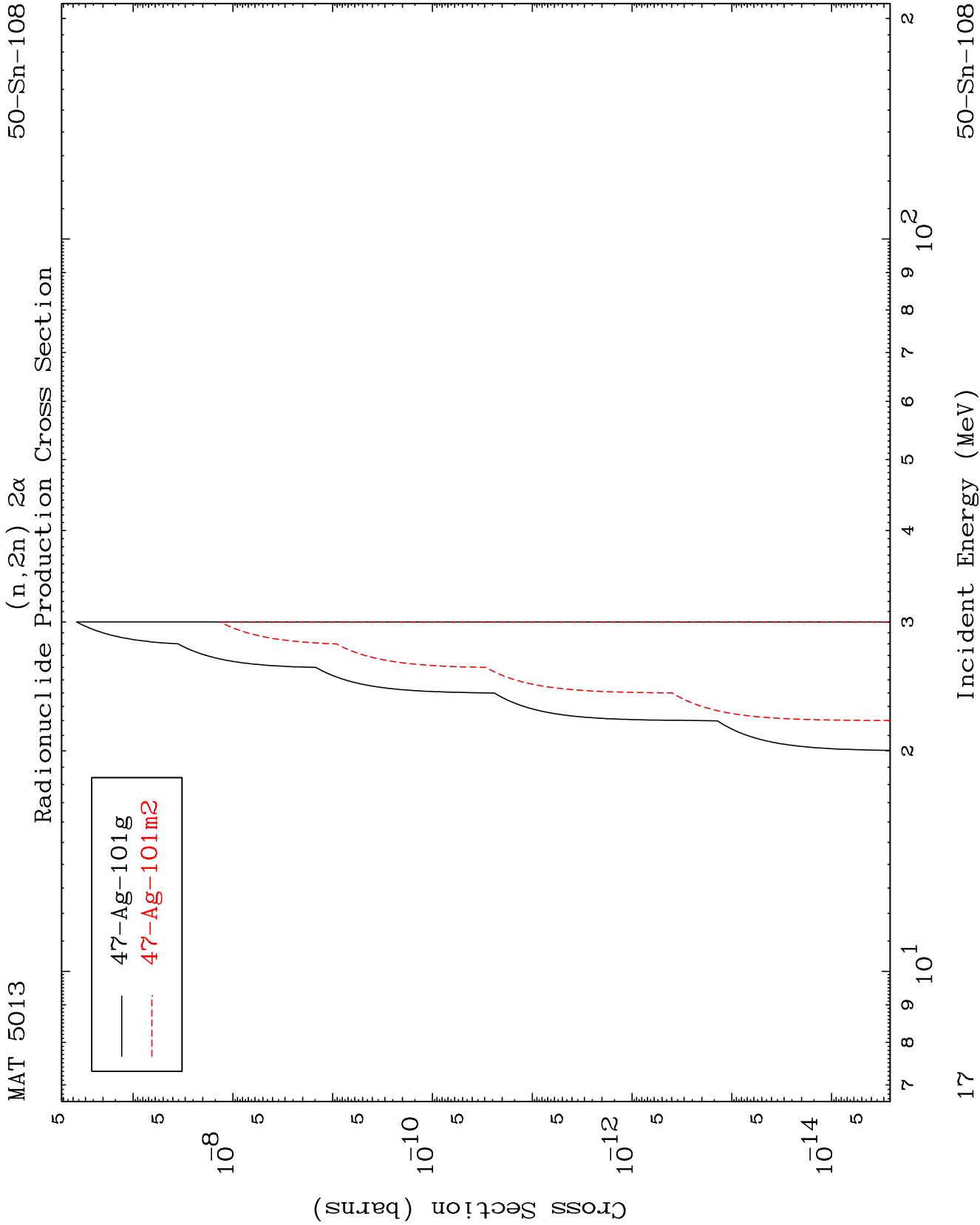


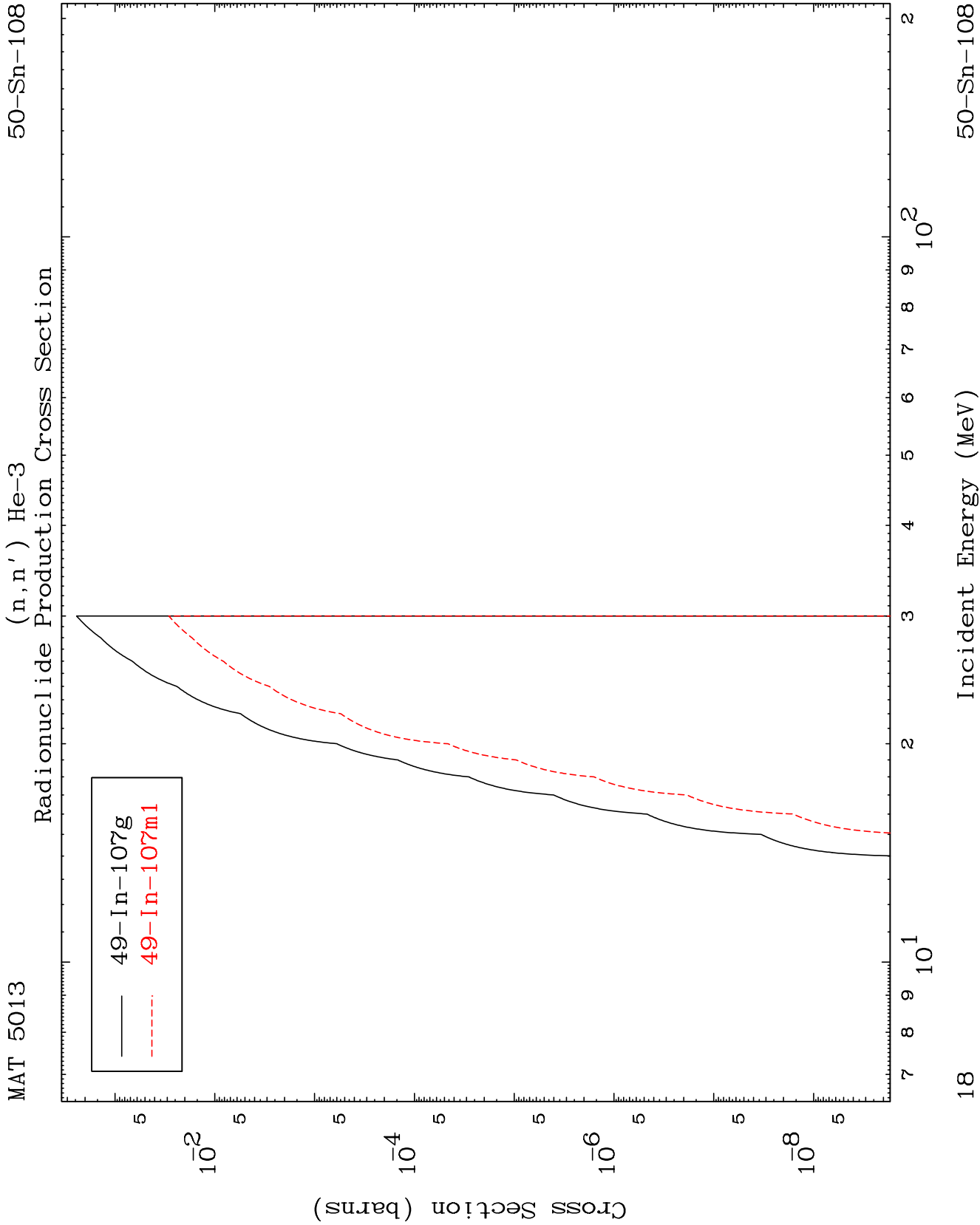
50-Sn-108

Incident Energy (MeV)





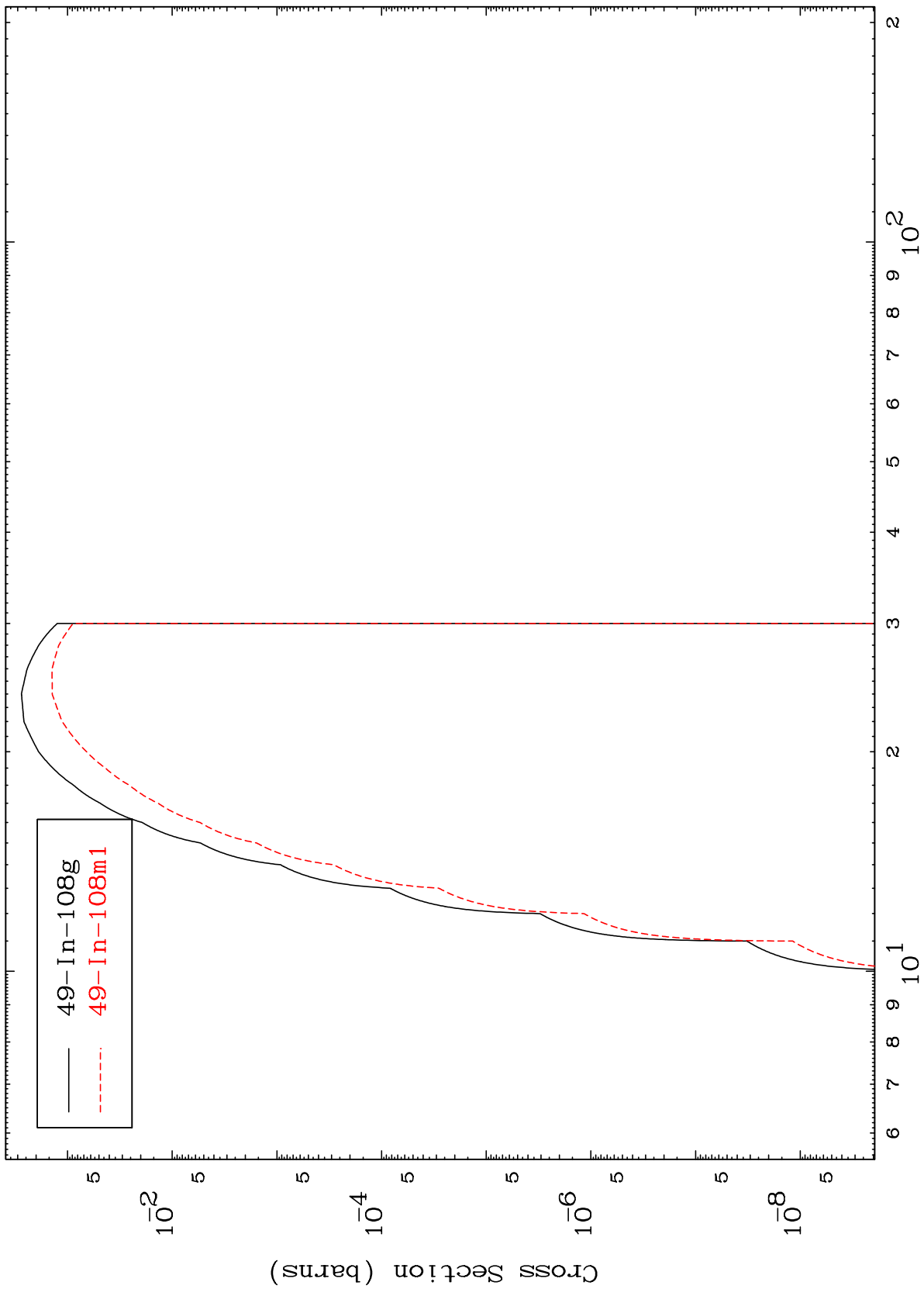




MAT 5013

50-Sn-108

(n,2n) p
Radionuclide Production Cross Section



50-Sn-108

Incident Energy (MeV)

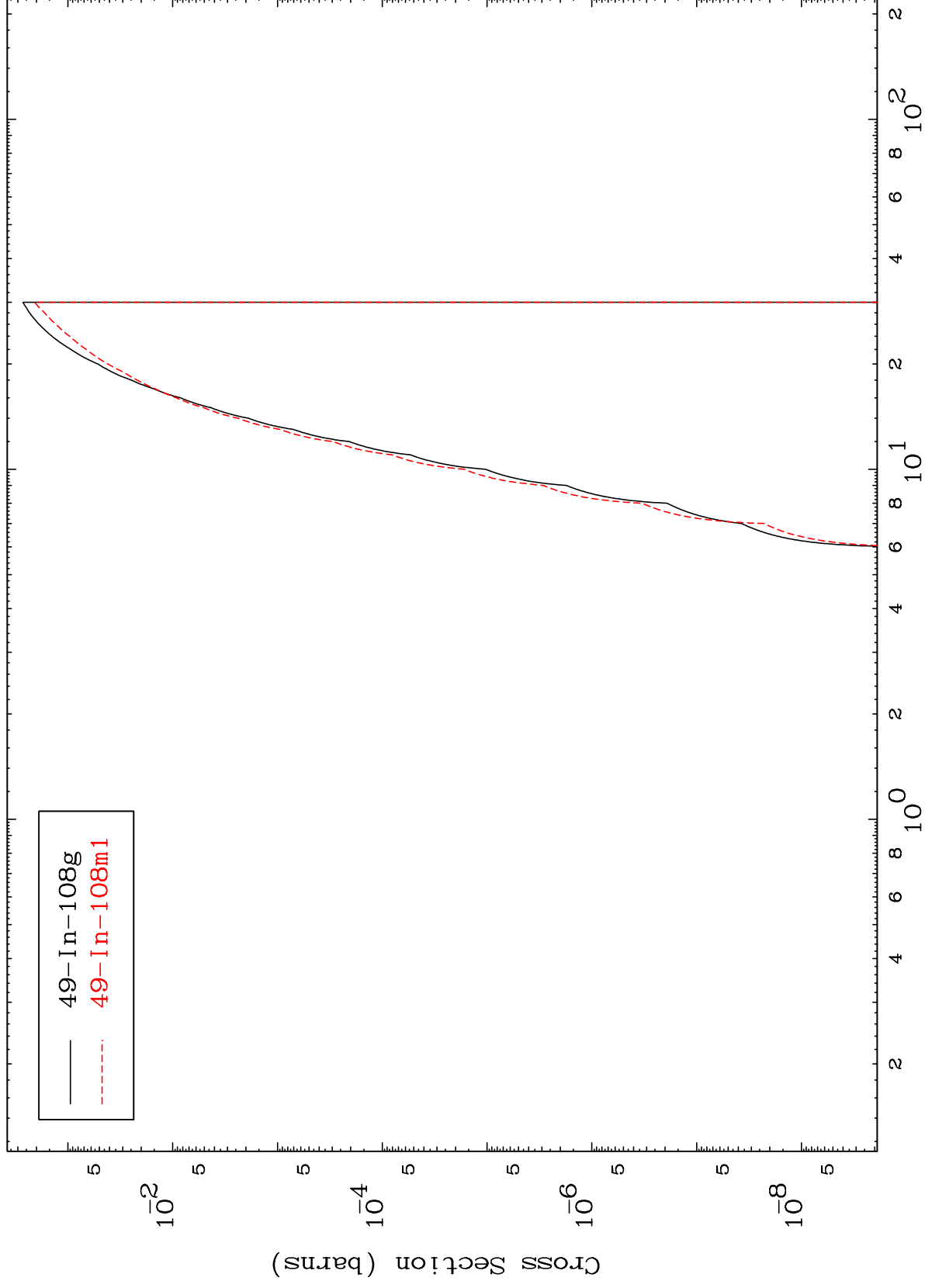
19

MAT 5013

(n,He-3)

50-Sn-108

Radionuclide Production Cross Section

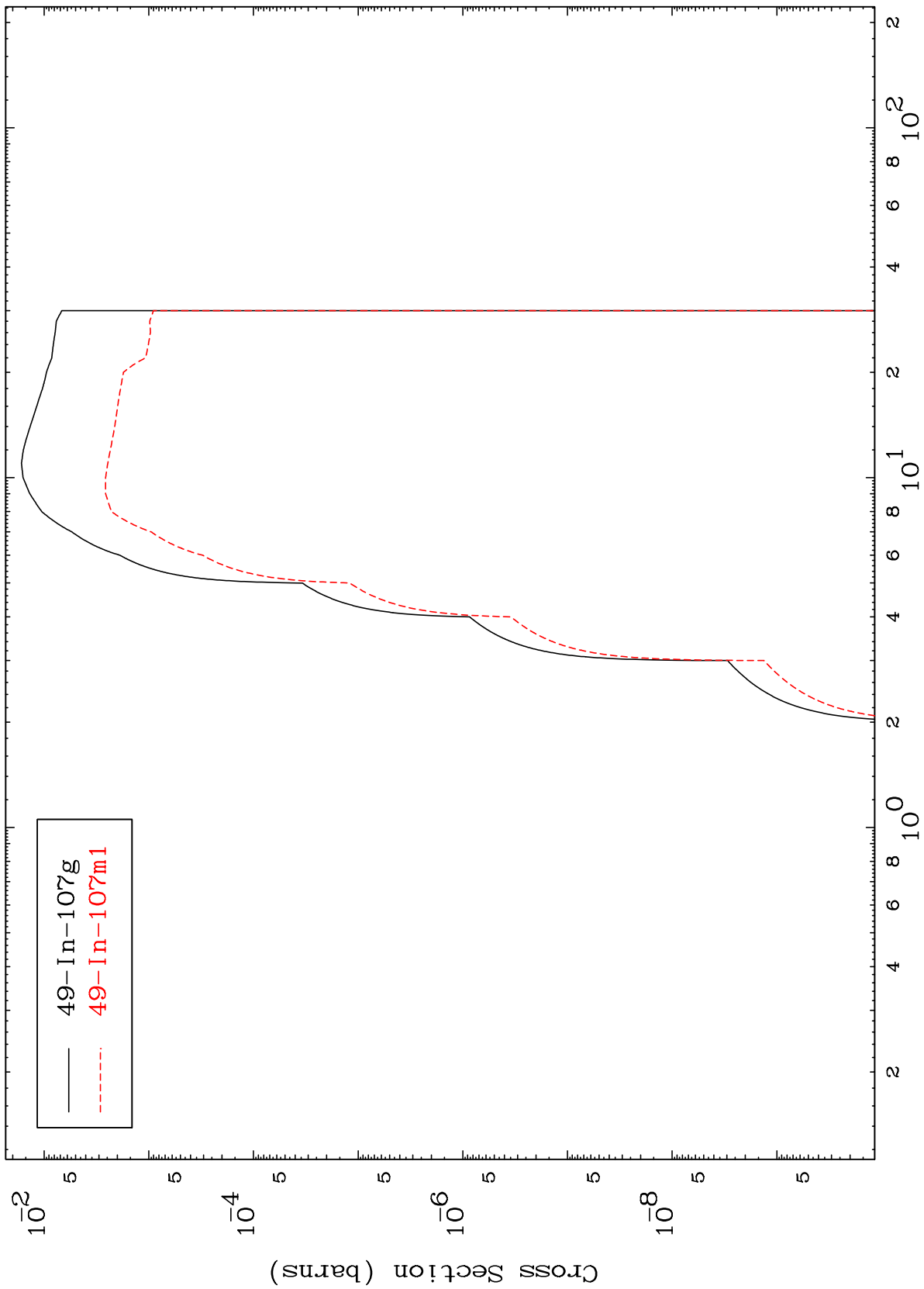


20

Incident Energy (MeV)

50-Sn-108

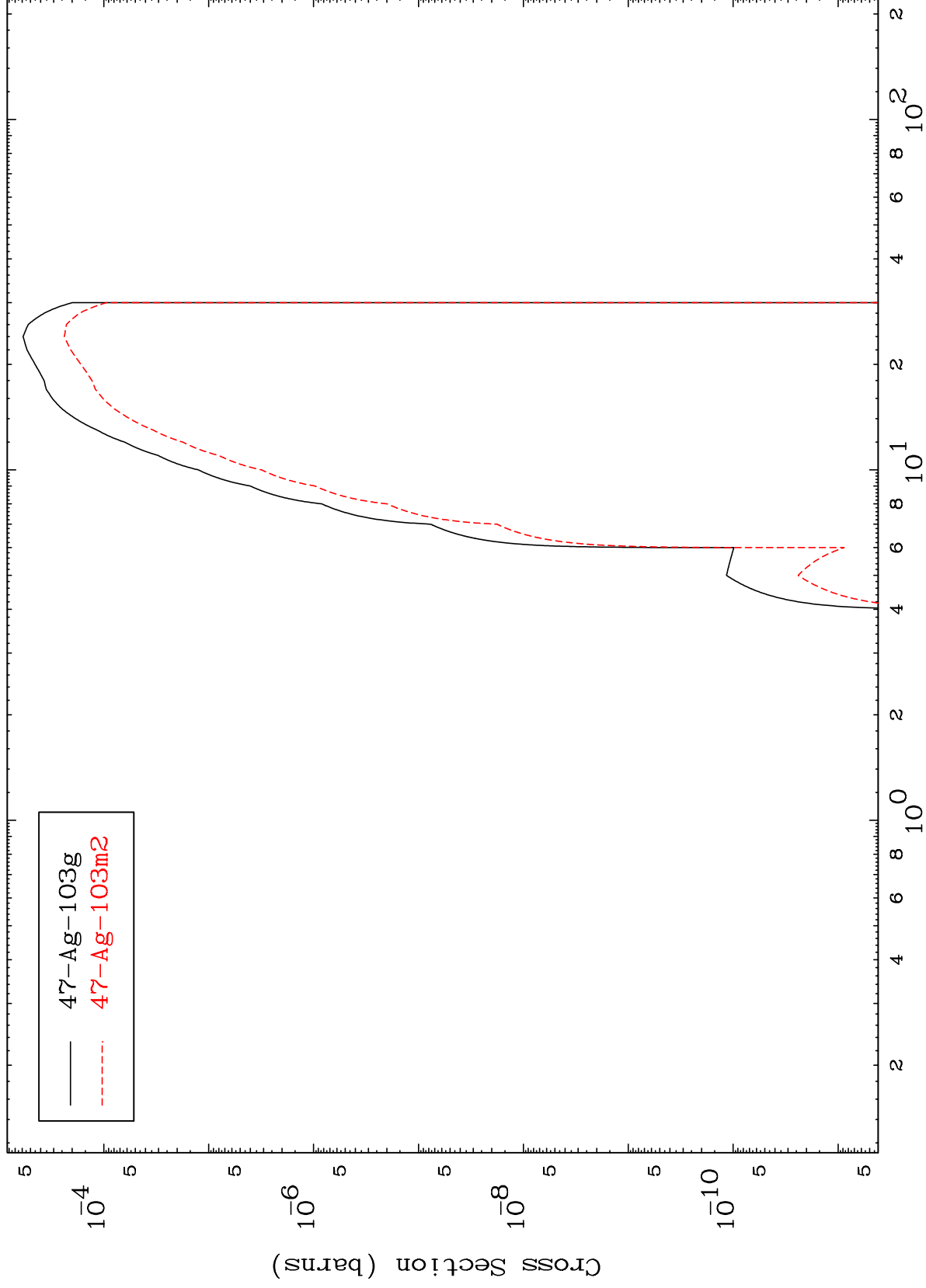
Radionuclide Production Cross Section
(n, α)



MAT 5013

50-Sn-108

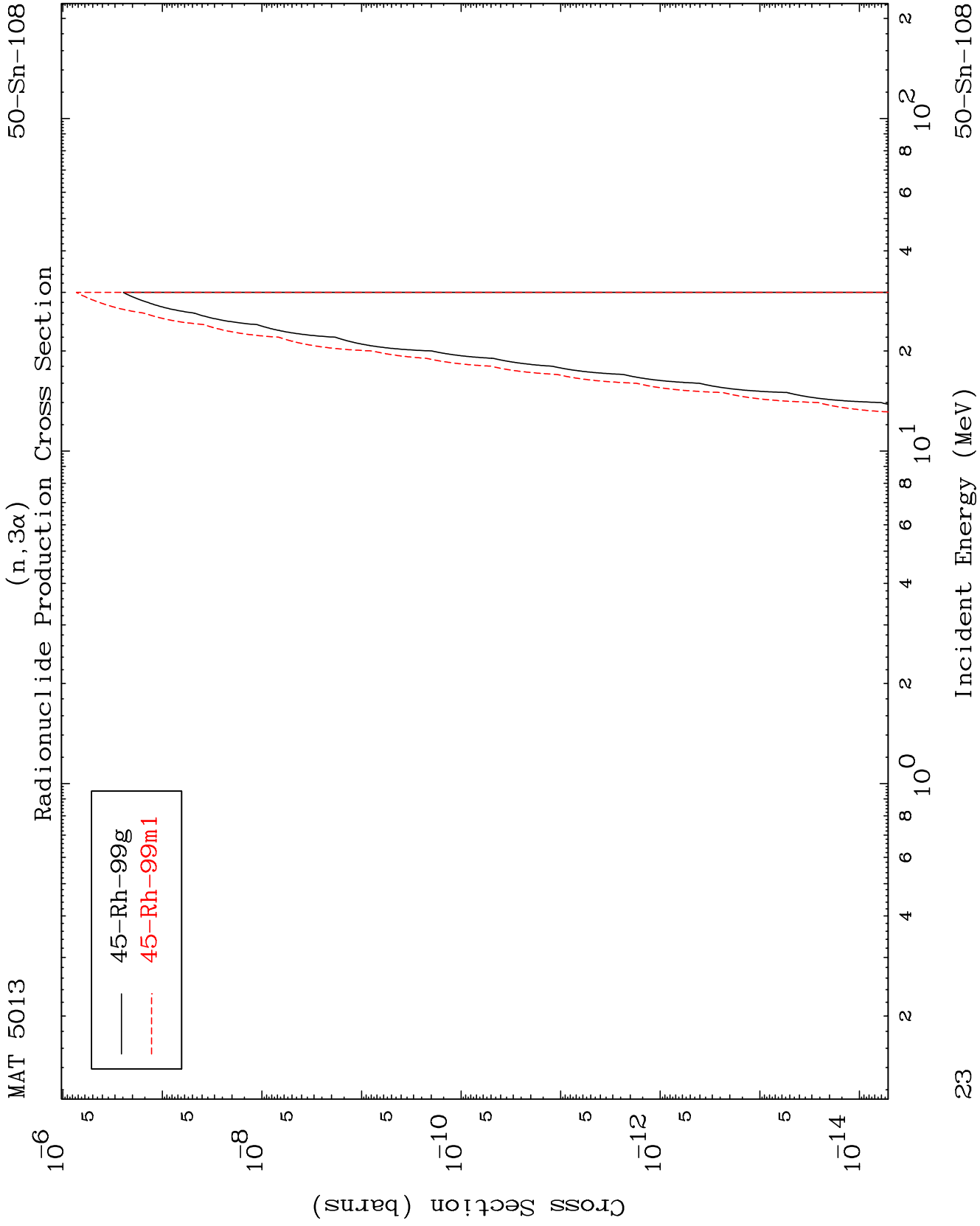
Radionuclide Production Cross Section
(n,2 α)

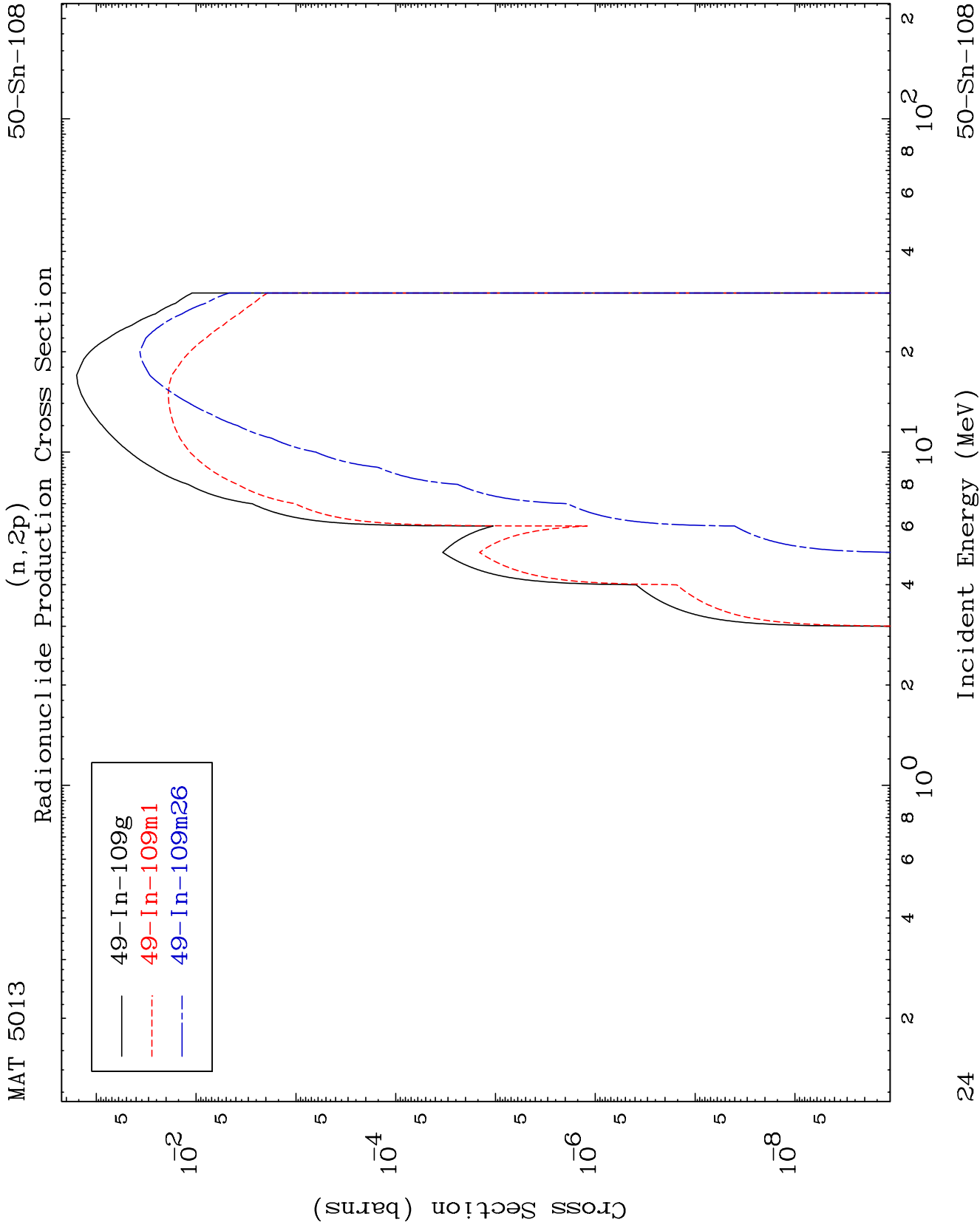


22

Incident Energy (MeV)

50-Sn-108



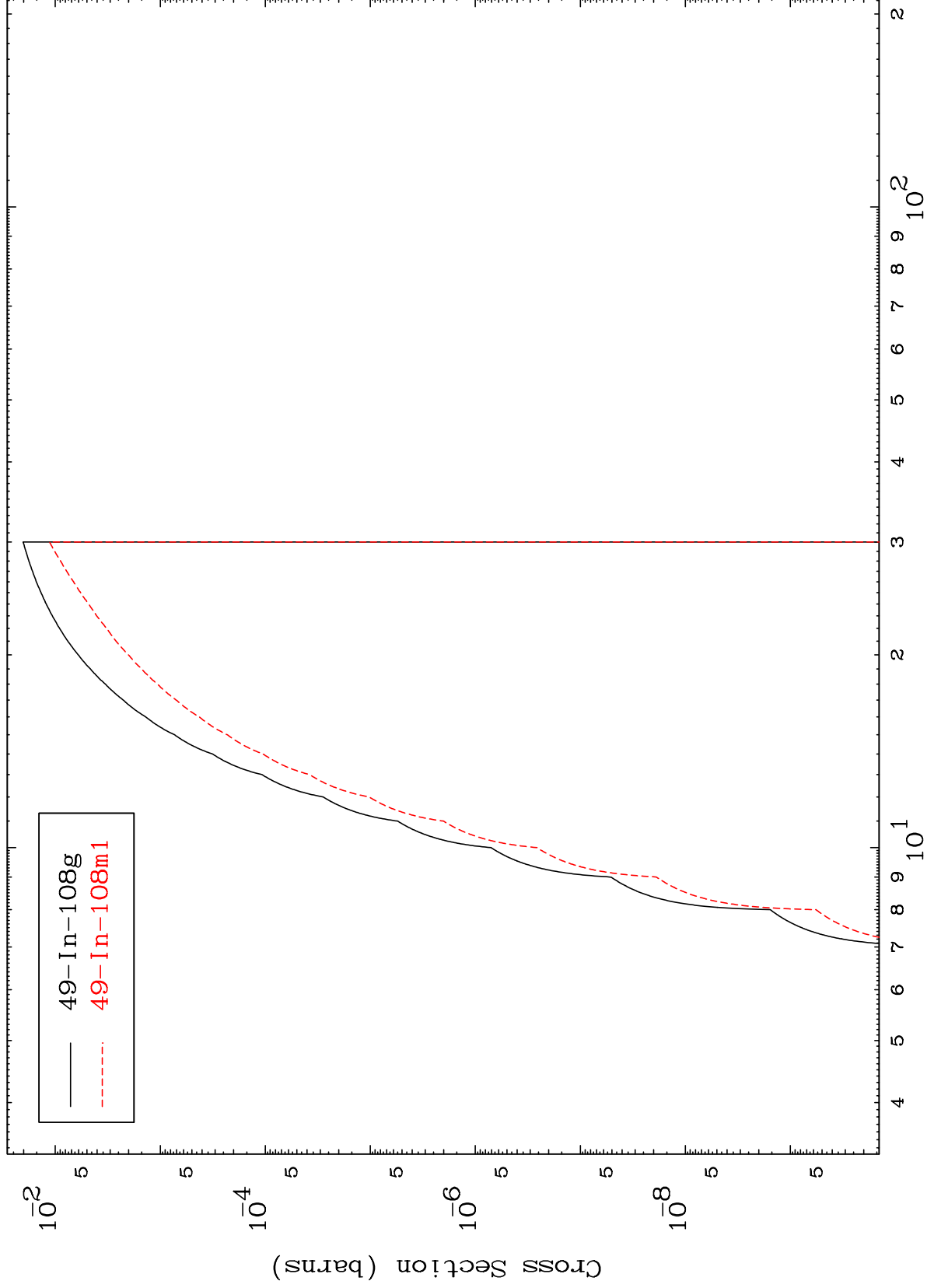


MAT 5013

(n,p) d

50-Sn-108

Radionuclide Production Cross Section



25

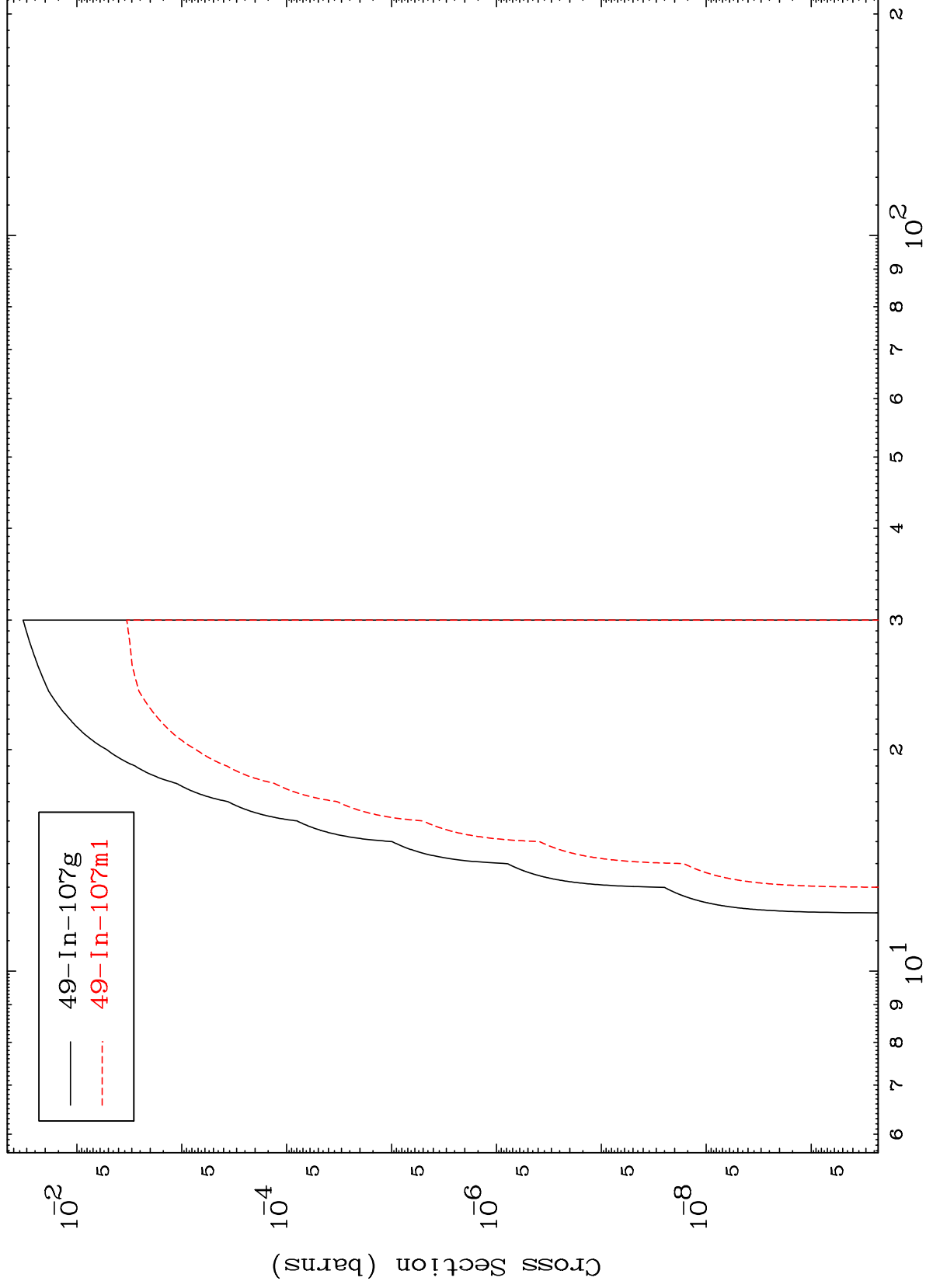
Incident Energy (MeV)

50-Sn-108

MAT 5013

50-Sn-108

(n,p) t
Radionuclide Production Cross Section



26

Incident Energy (MeV)

50-Sn-108