

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

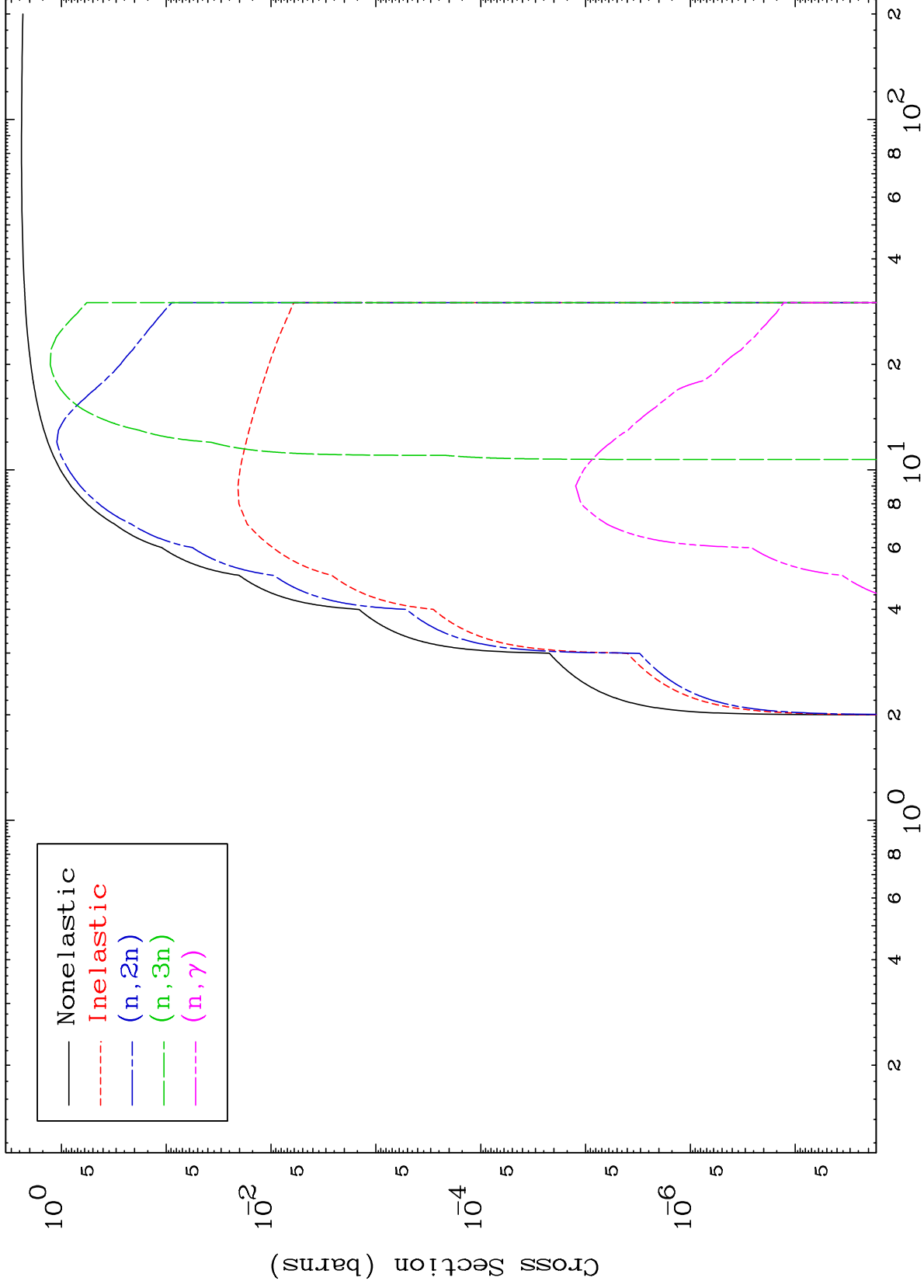
Press Mouse Button to Start

MAT 5059

Deuteron Major

50-Sn-123m

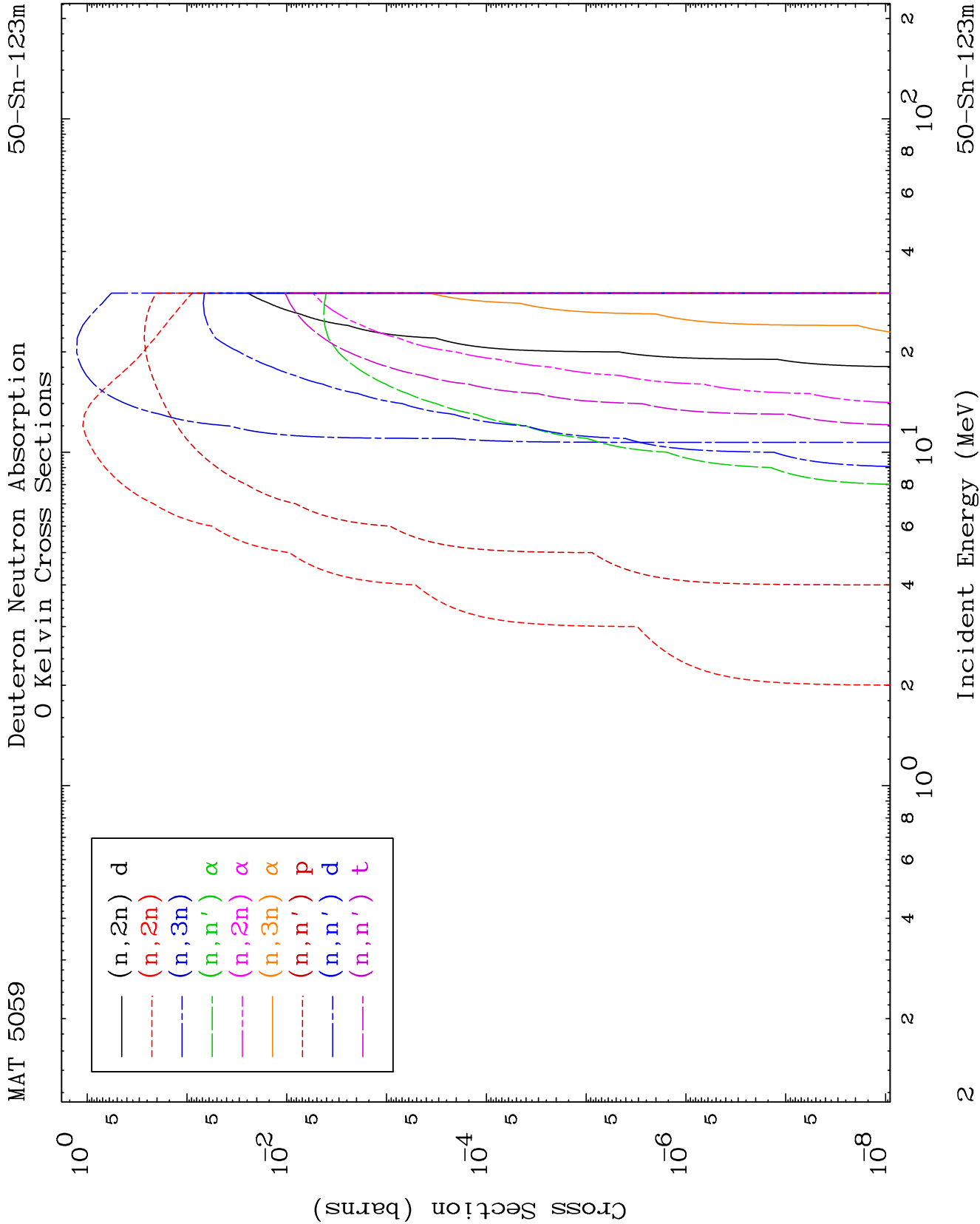
0 Kelvin Cross Sections

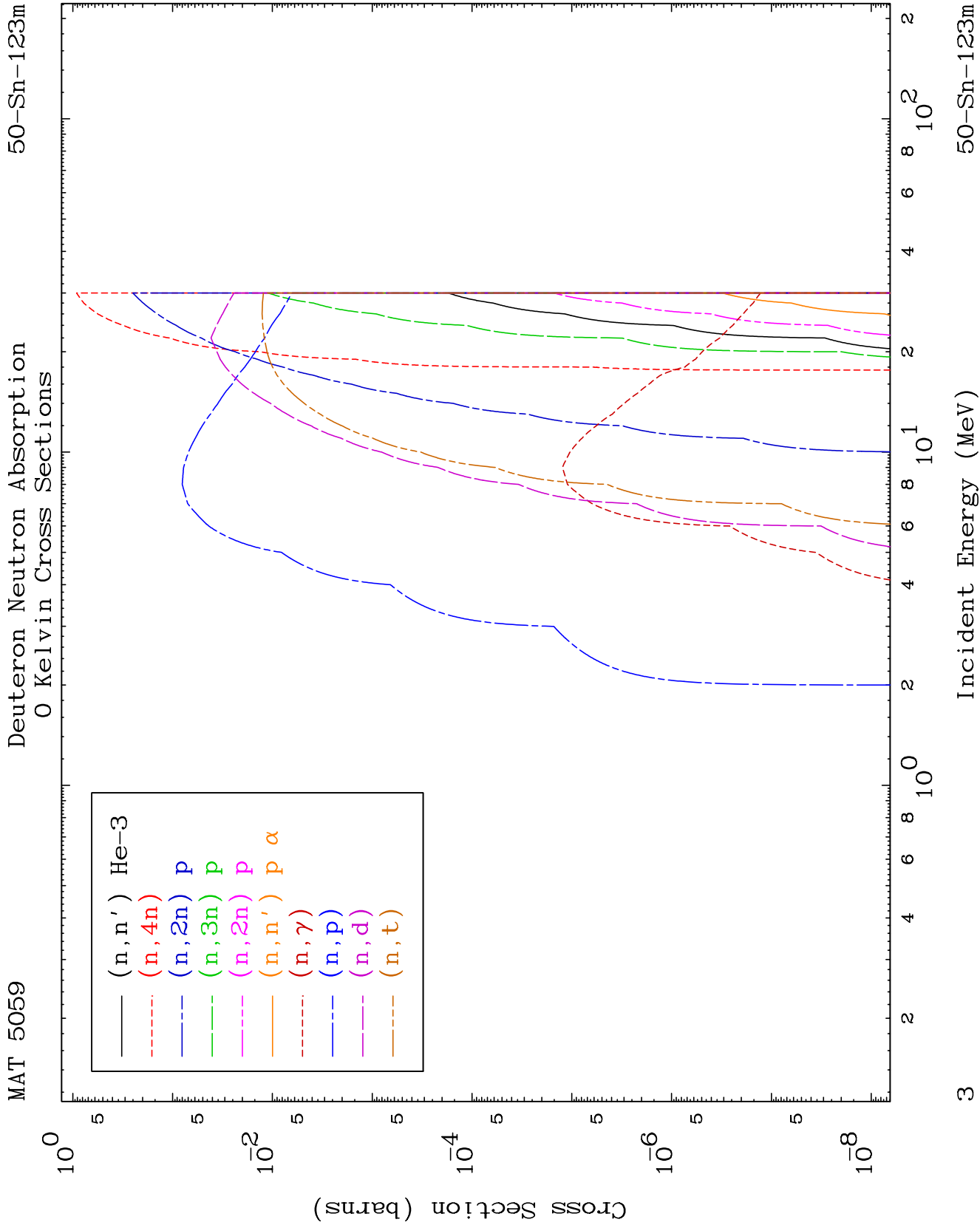


1

Incident Energy (MeV)

50-Sn-123m

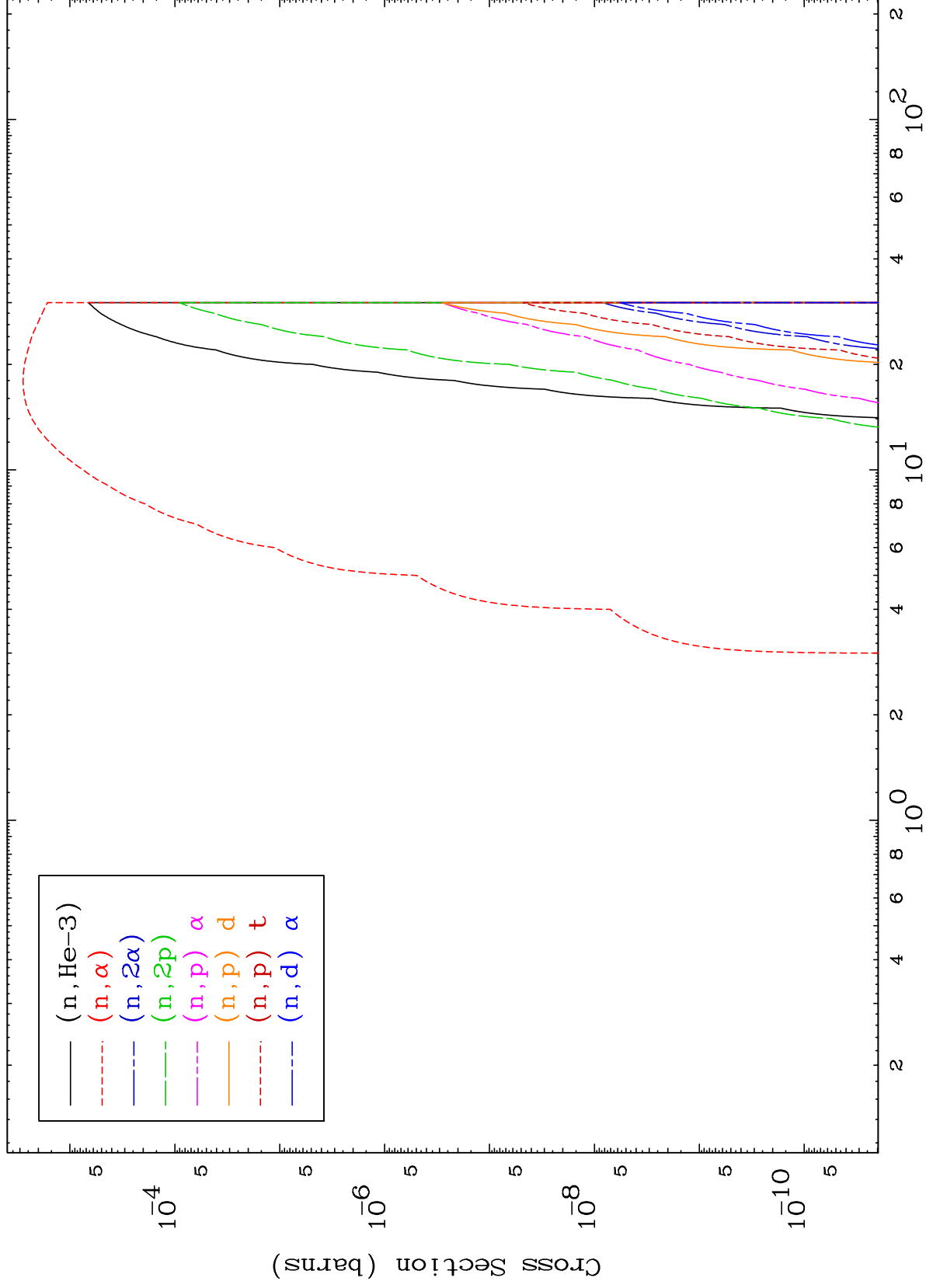


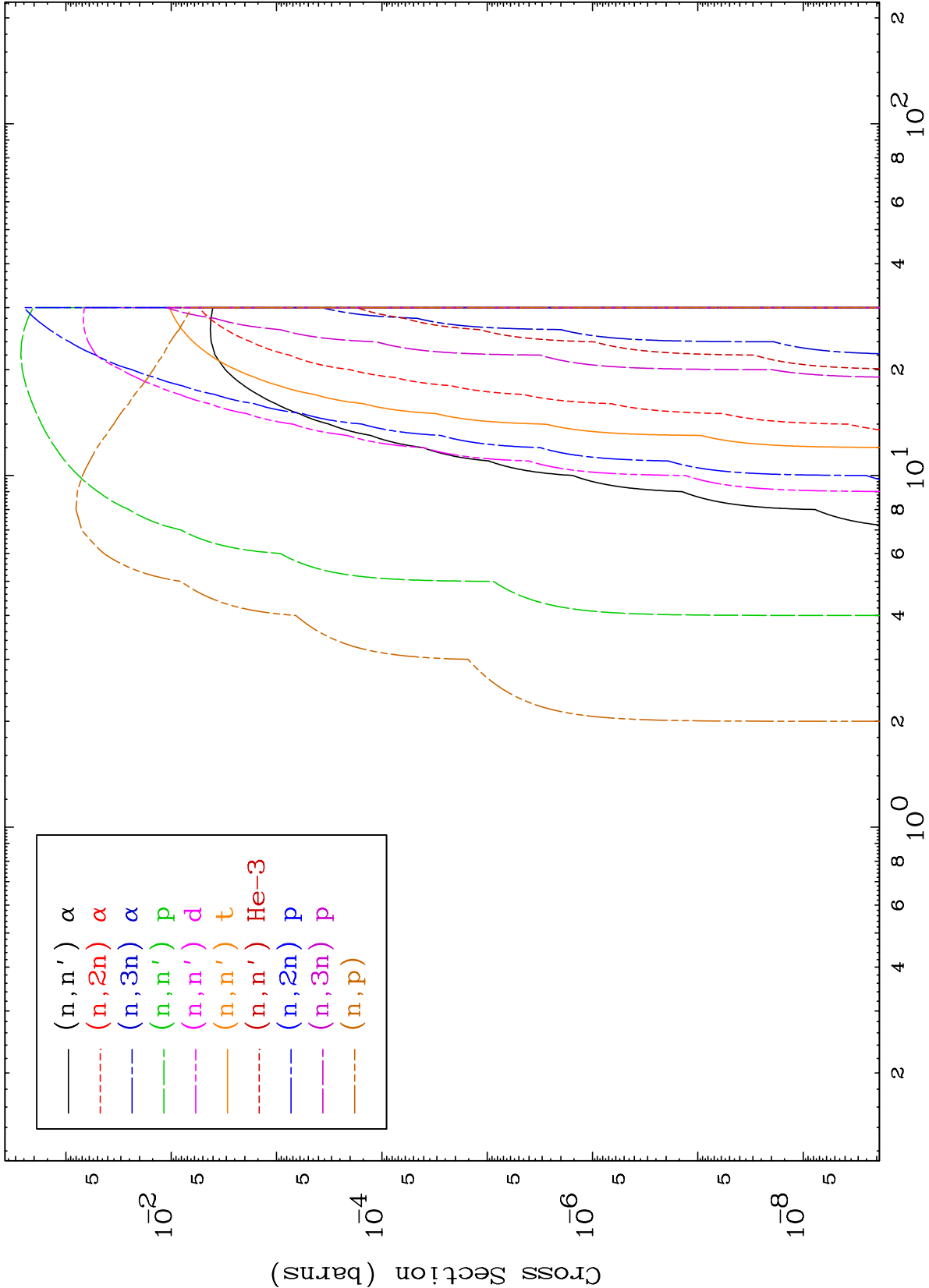


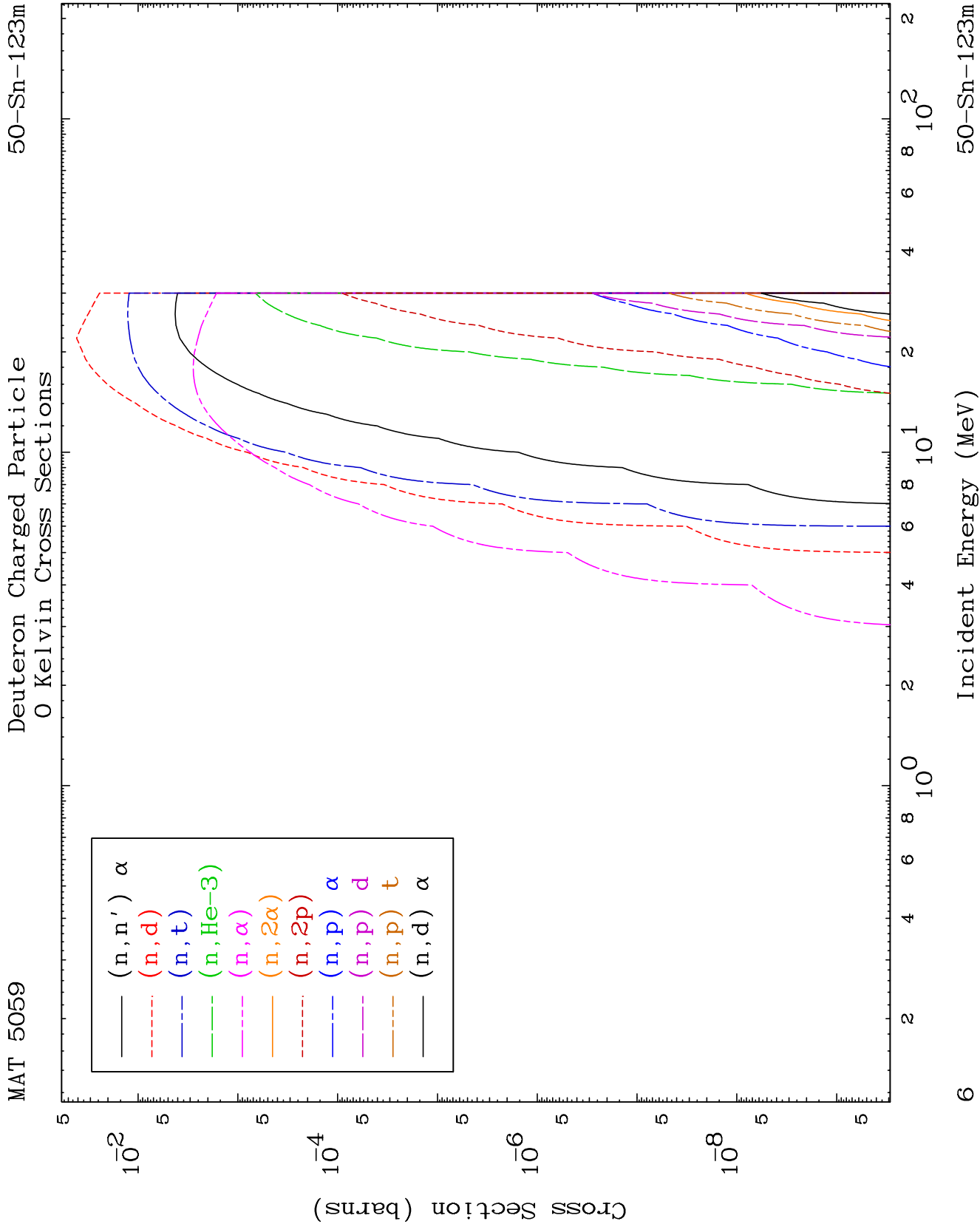
MAT 5059

Deuteron Neutron Absorption
0 Kelvin Cross Sections

50-Sn-123m



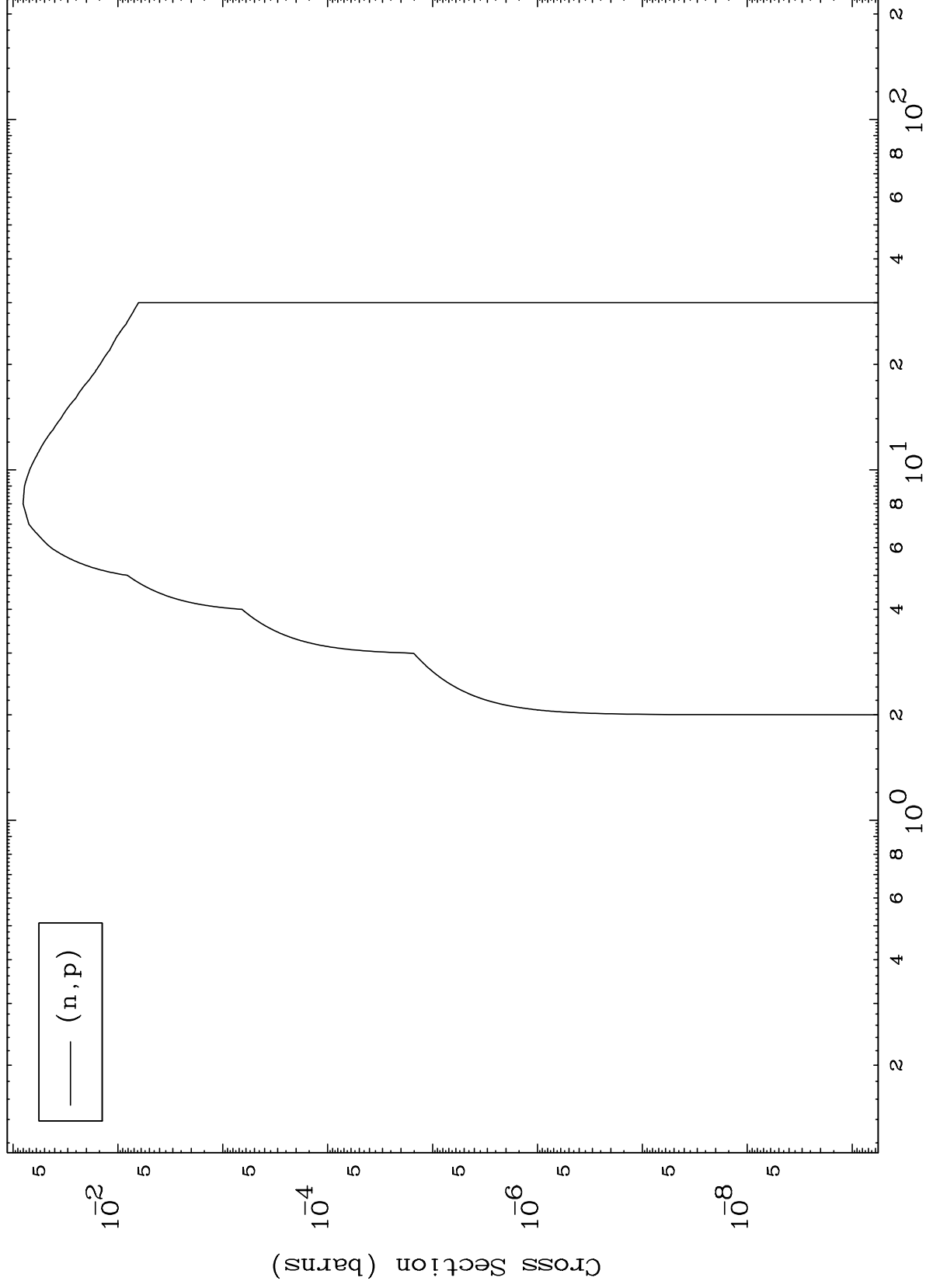




MAT 5059

50-Sn-123m

(d,p) Levels
0 Kelvin Cross Sections

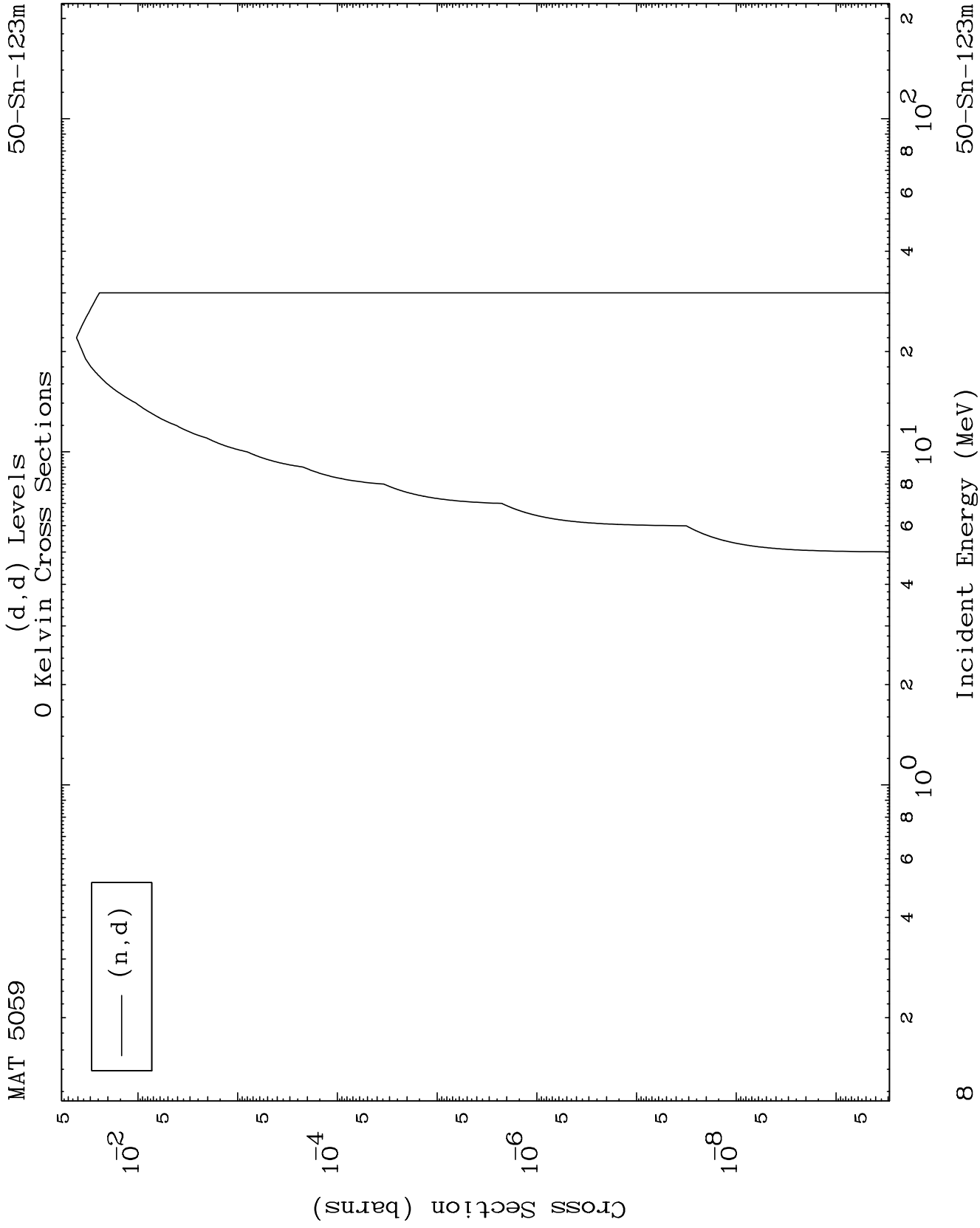


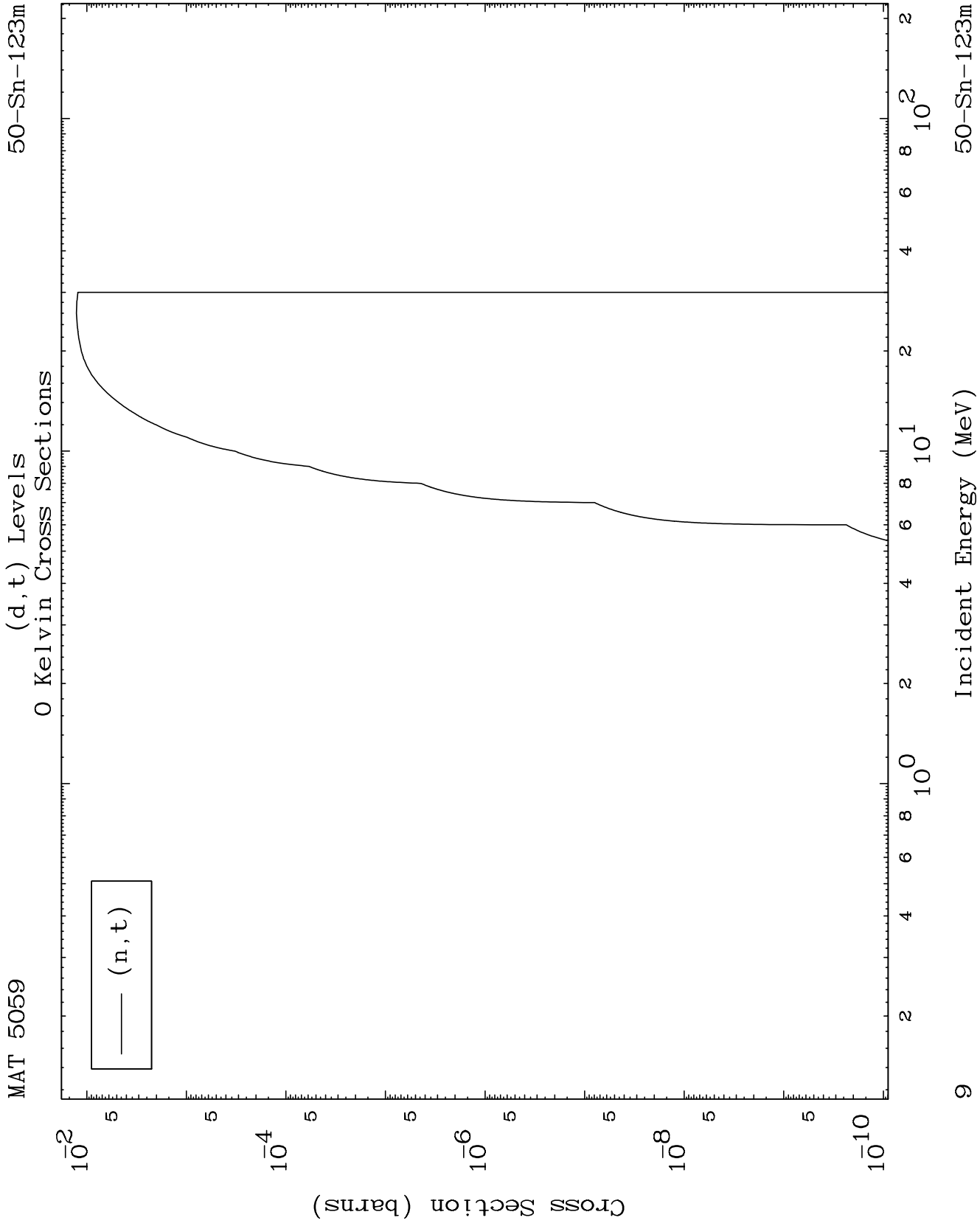
— (n,p)

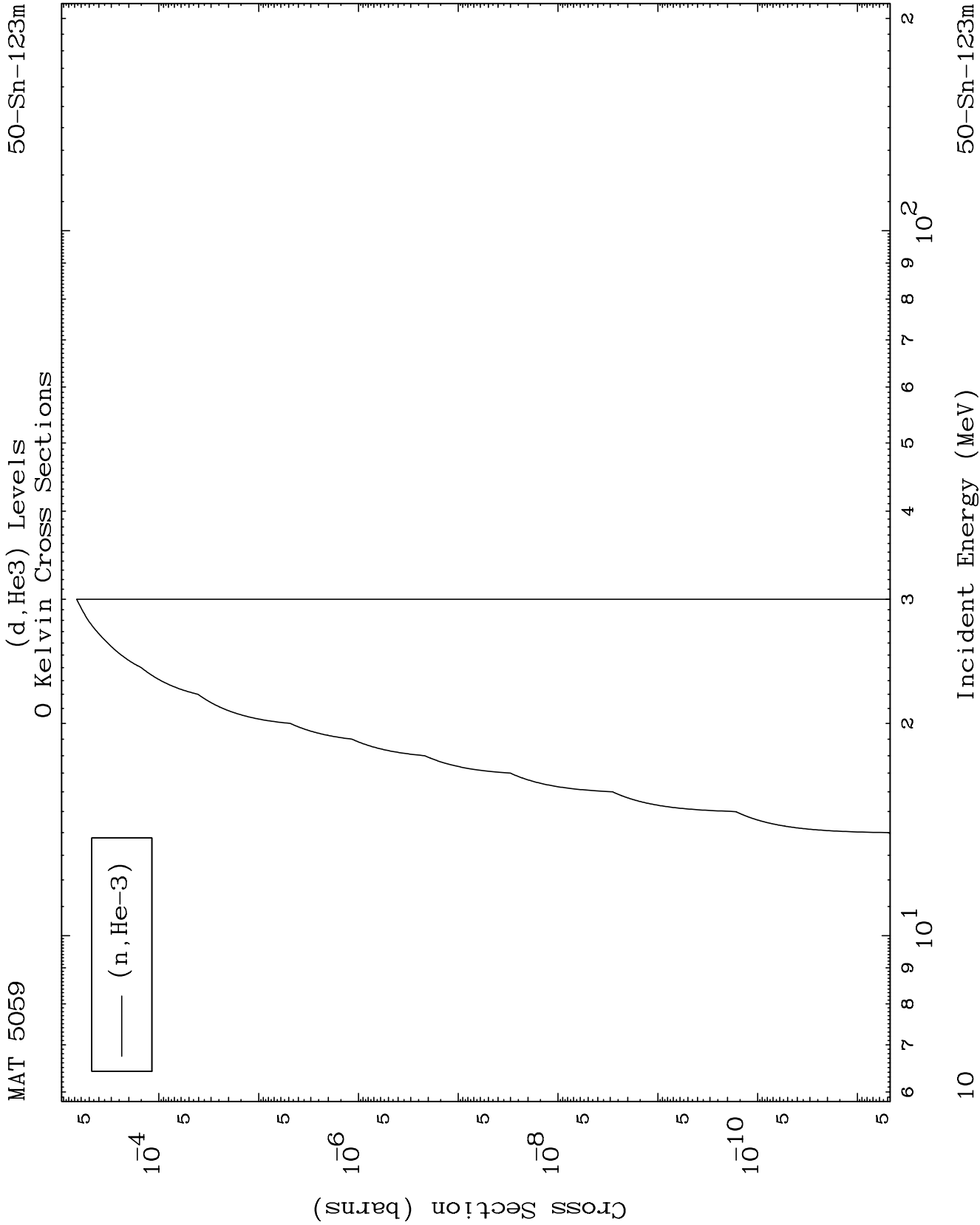
50-Sn-123m

Incident Energy (MeV)

7



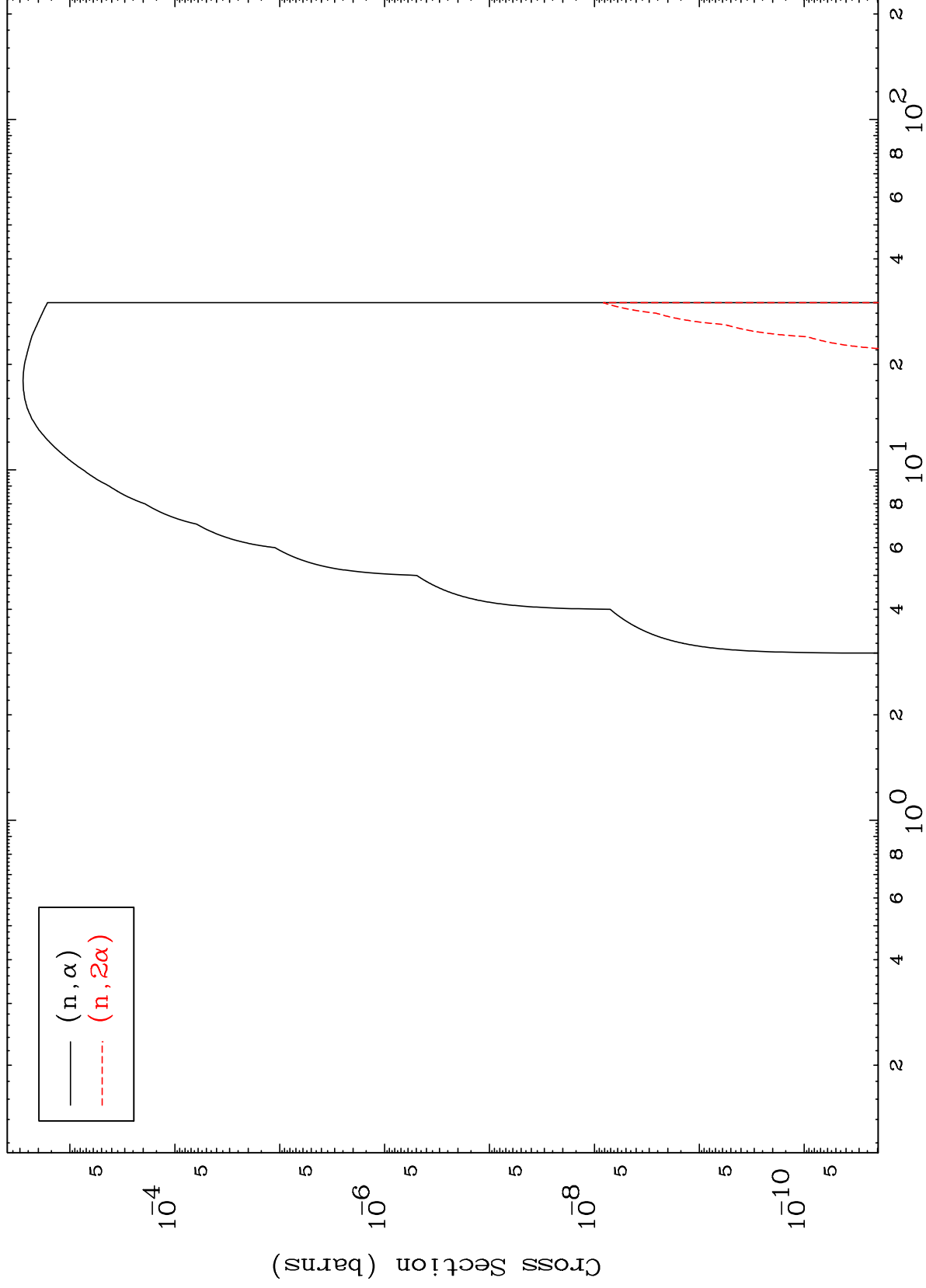




MAT 5059

(d, α) Levels
0 Kelvin Cross Sections

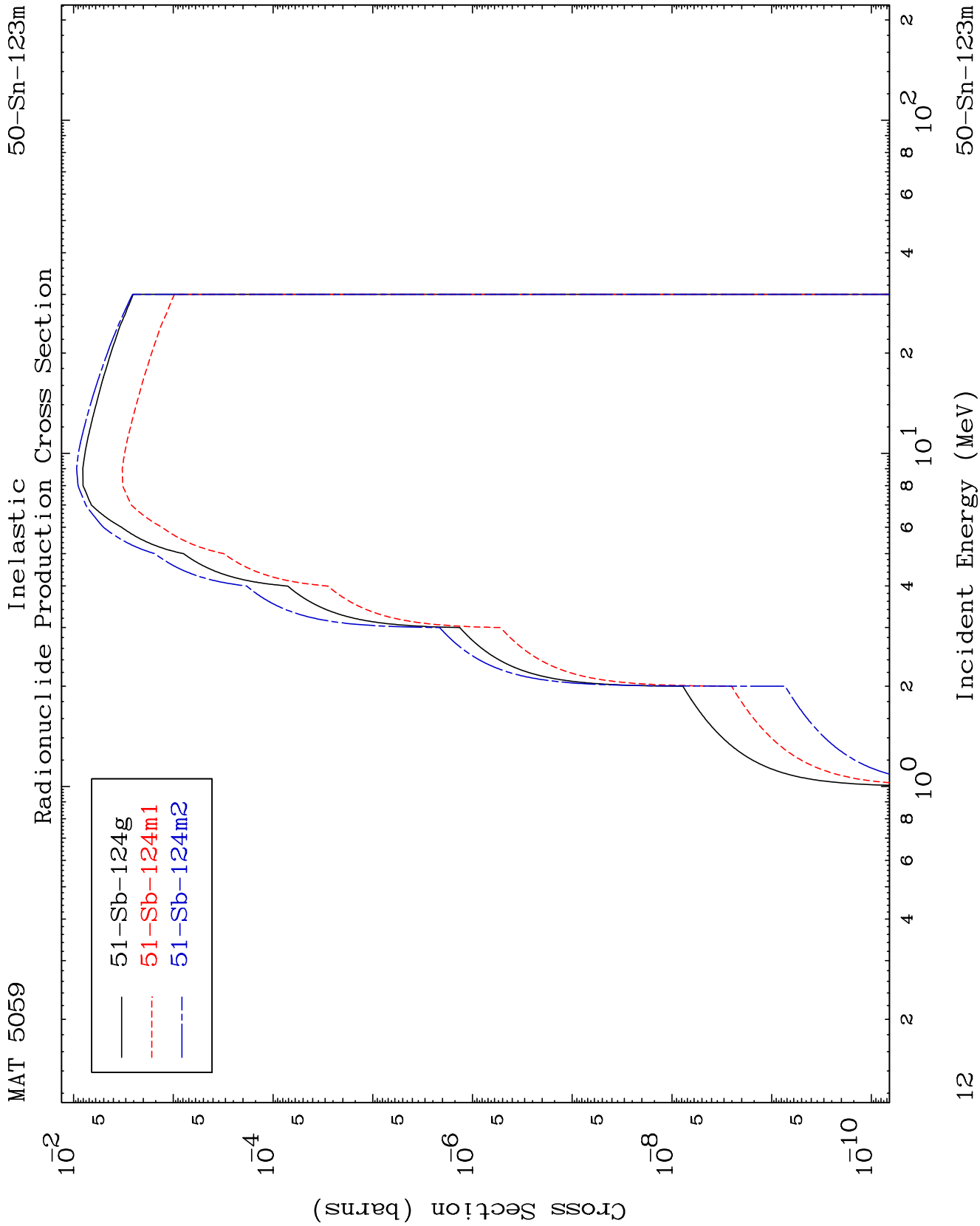
50-Sn-123m

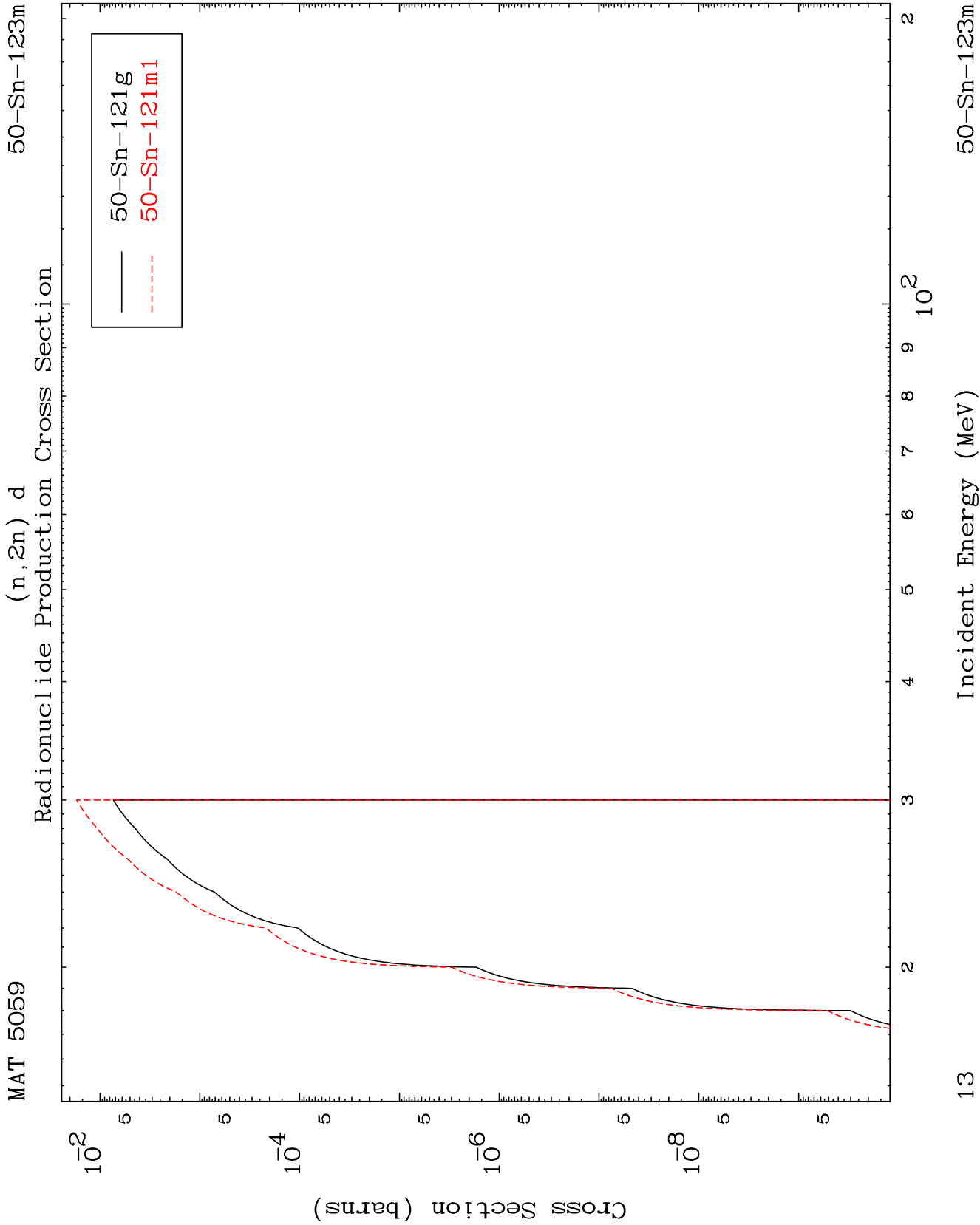


11

Incident Energy (MeV)

50-Sn-123m

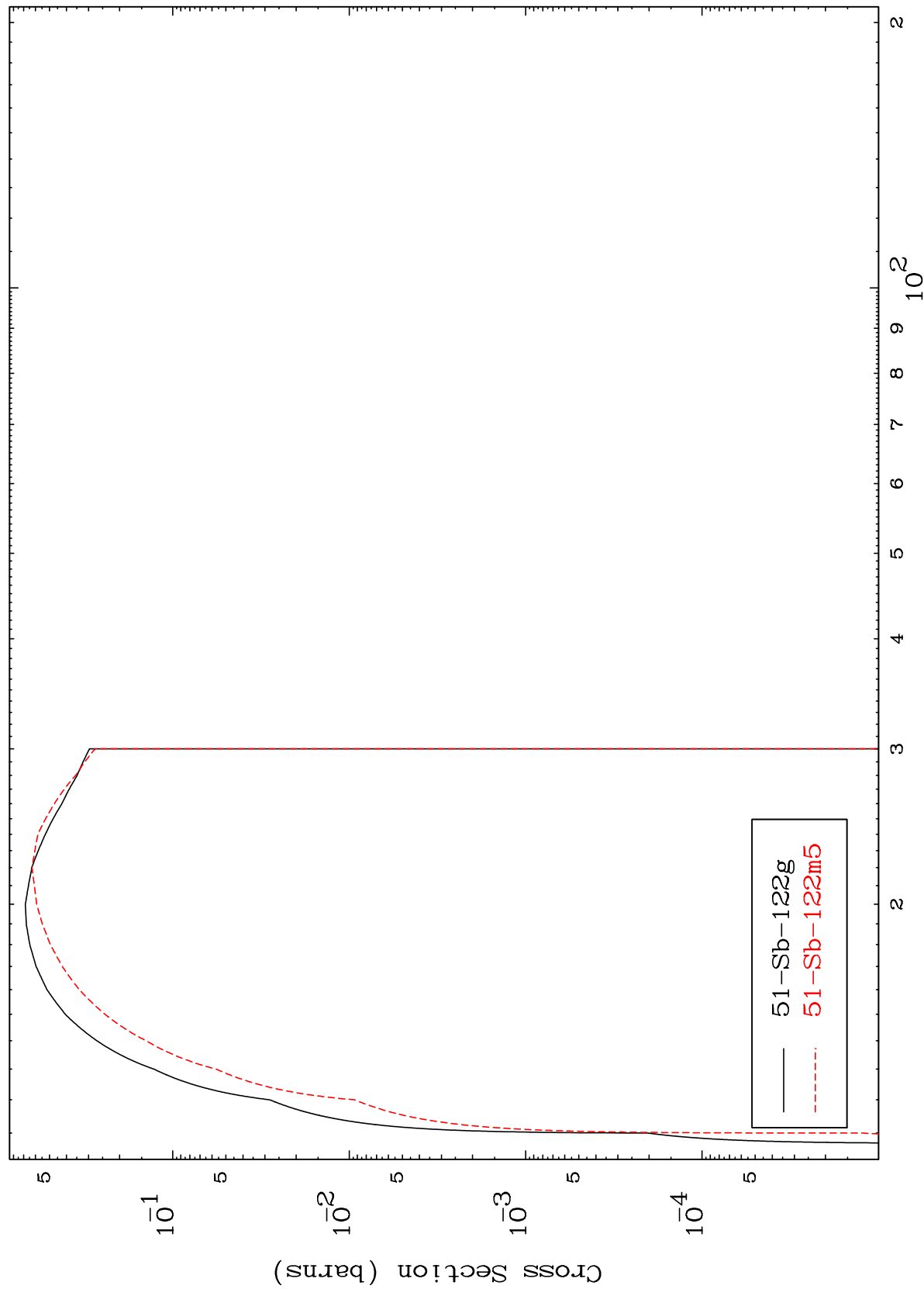




MAT 5059

50-Sn-123m

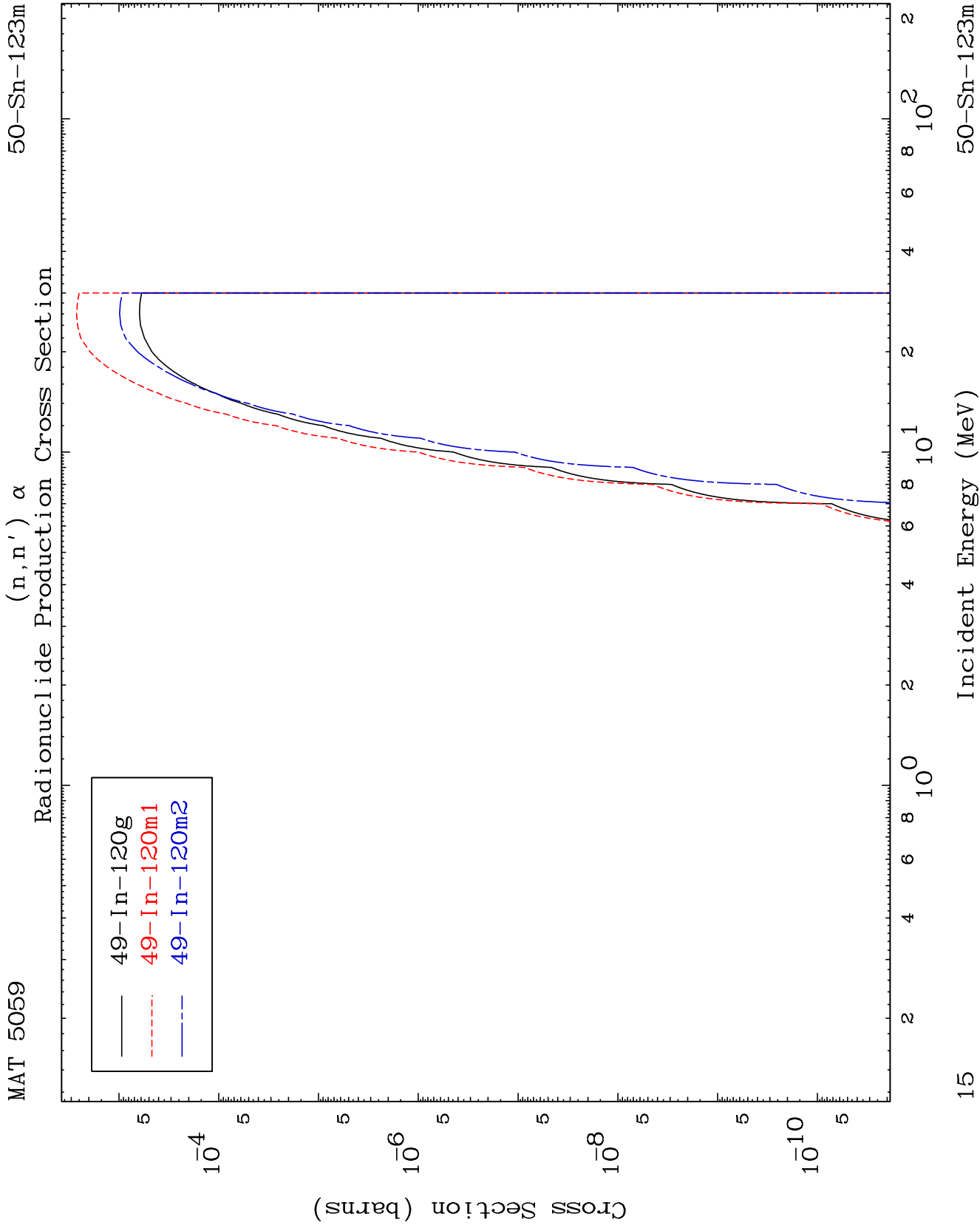
(n,3n)
Radionuclide Production Cross Section

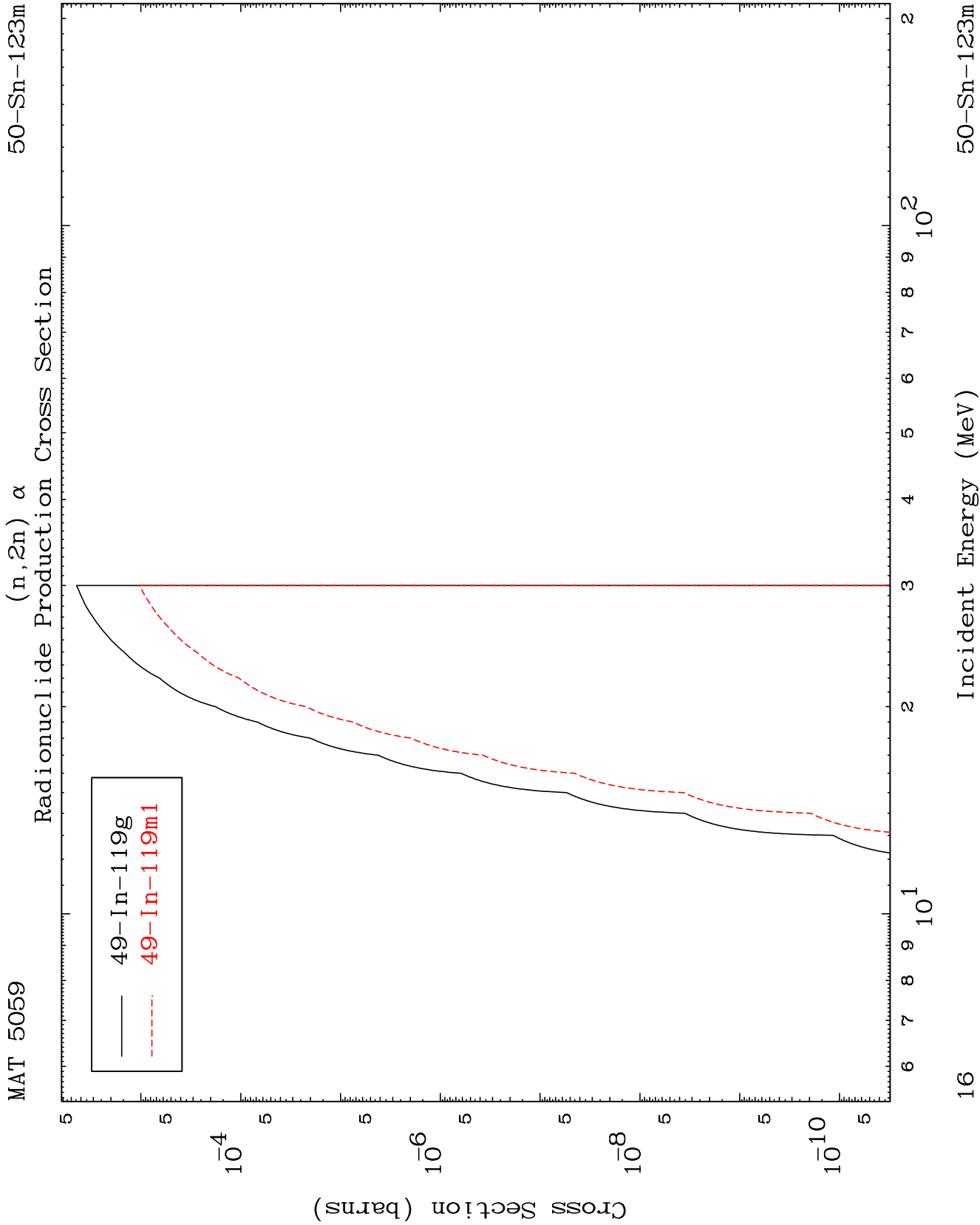


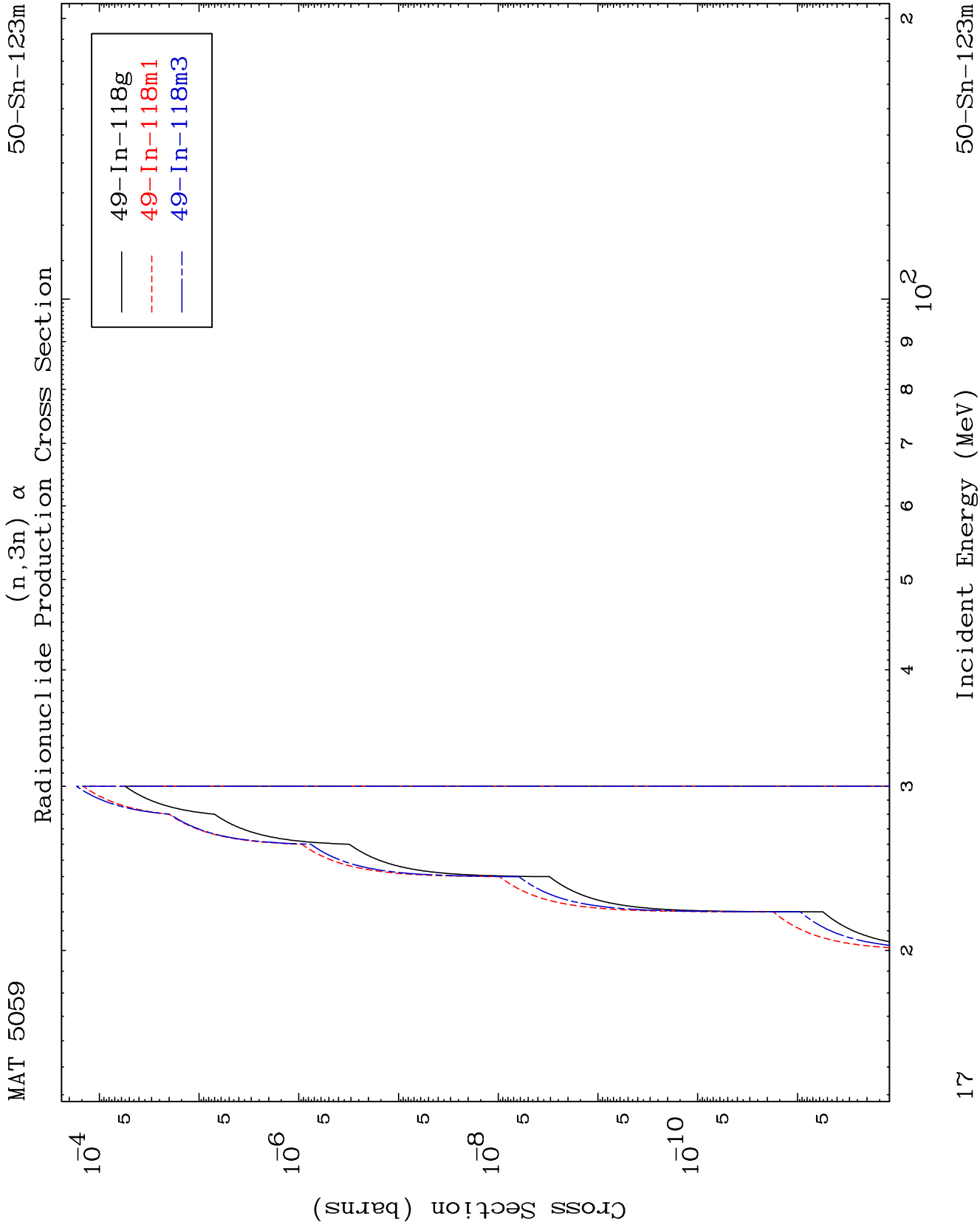
50-Sn-123m

Incident Energy (MeV)

14



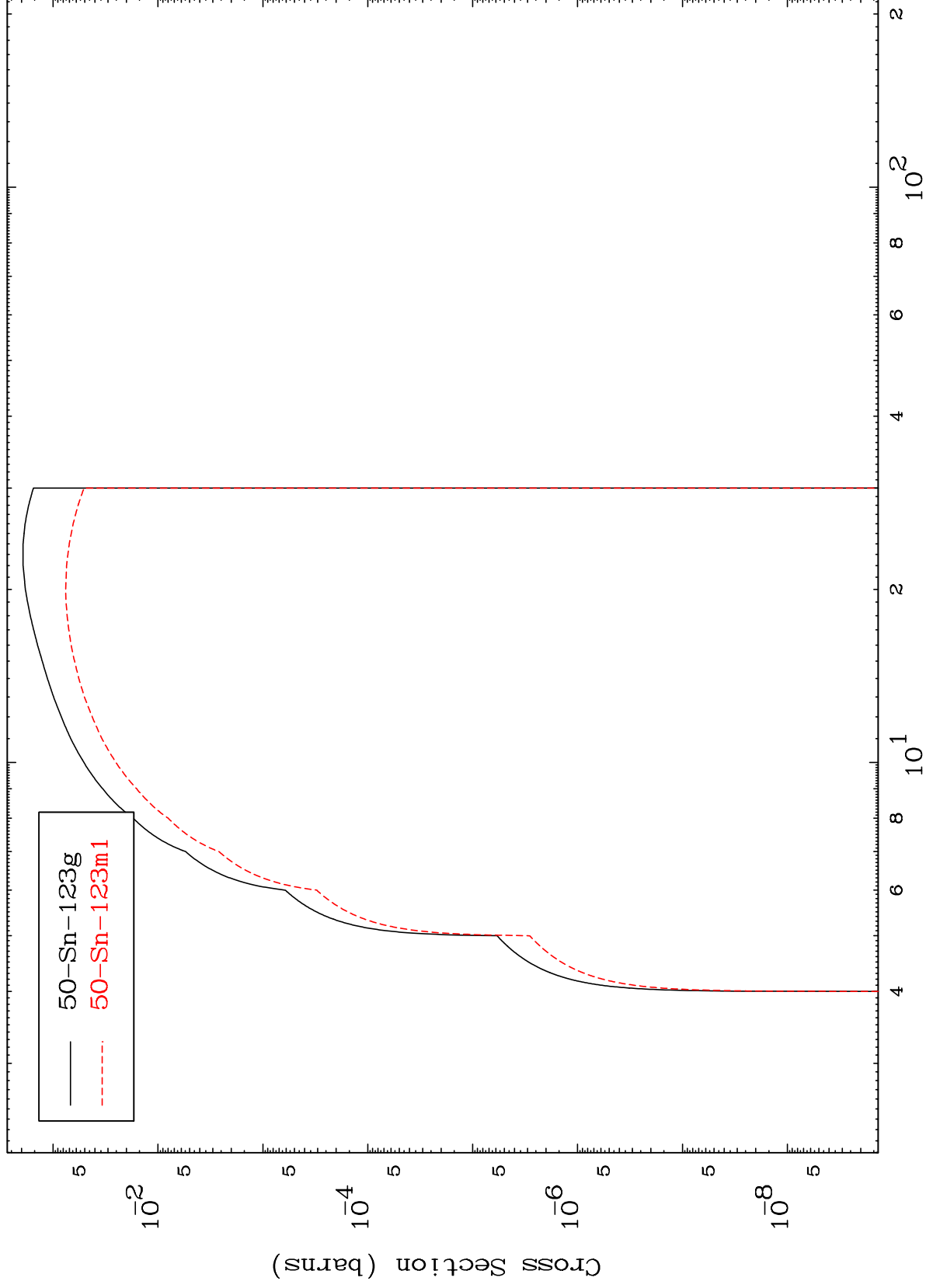




MAT 5059

50-Sn-123m

(n,n') p
Radionuclide Production Cross Section



18

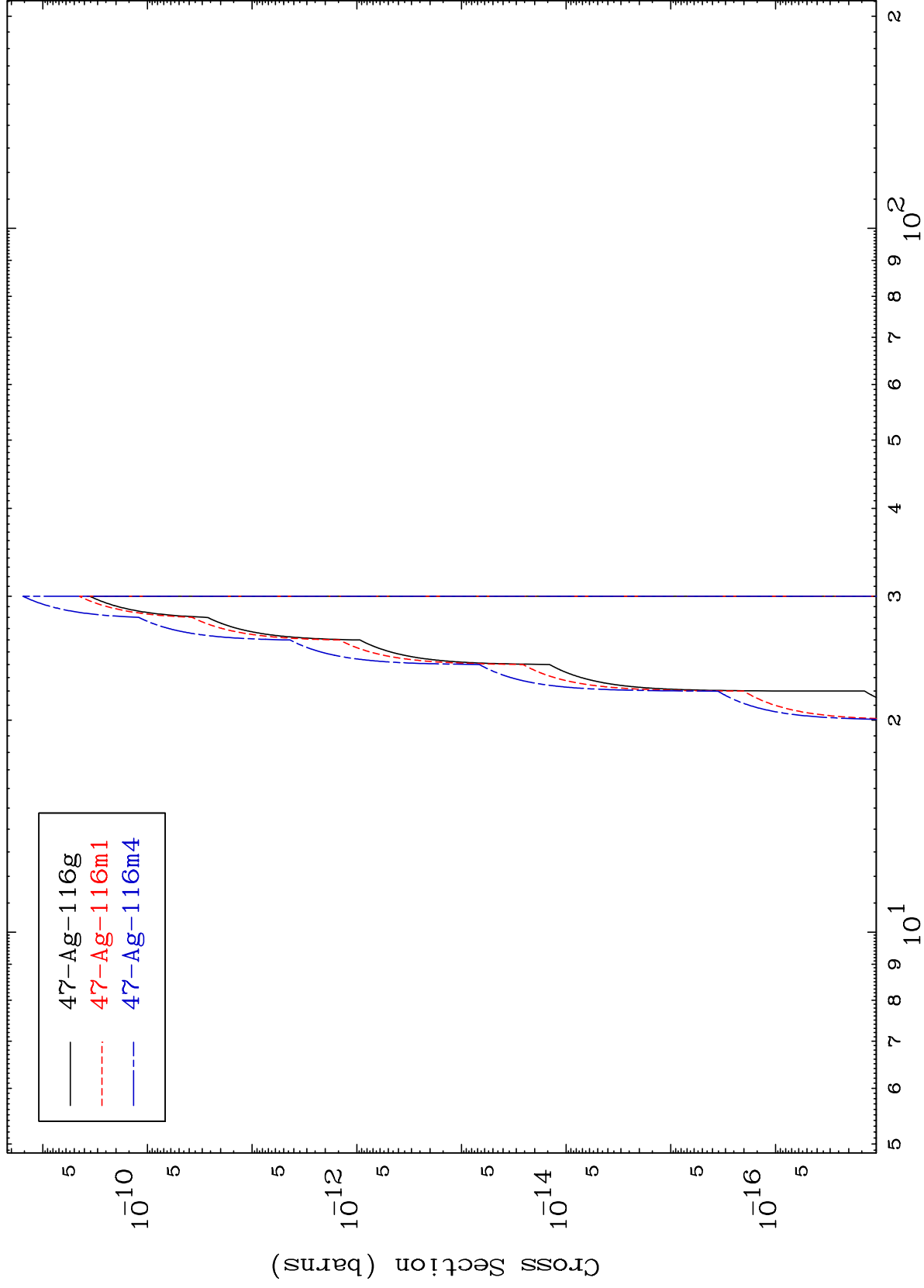
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

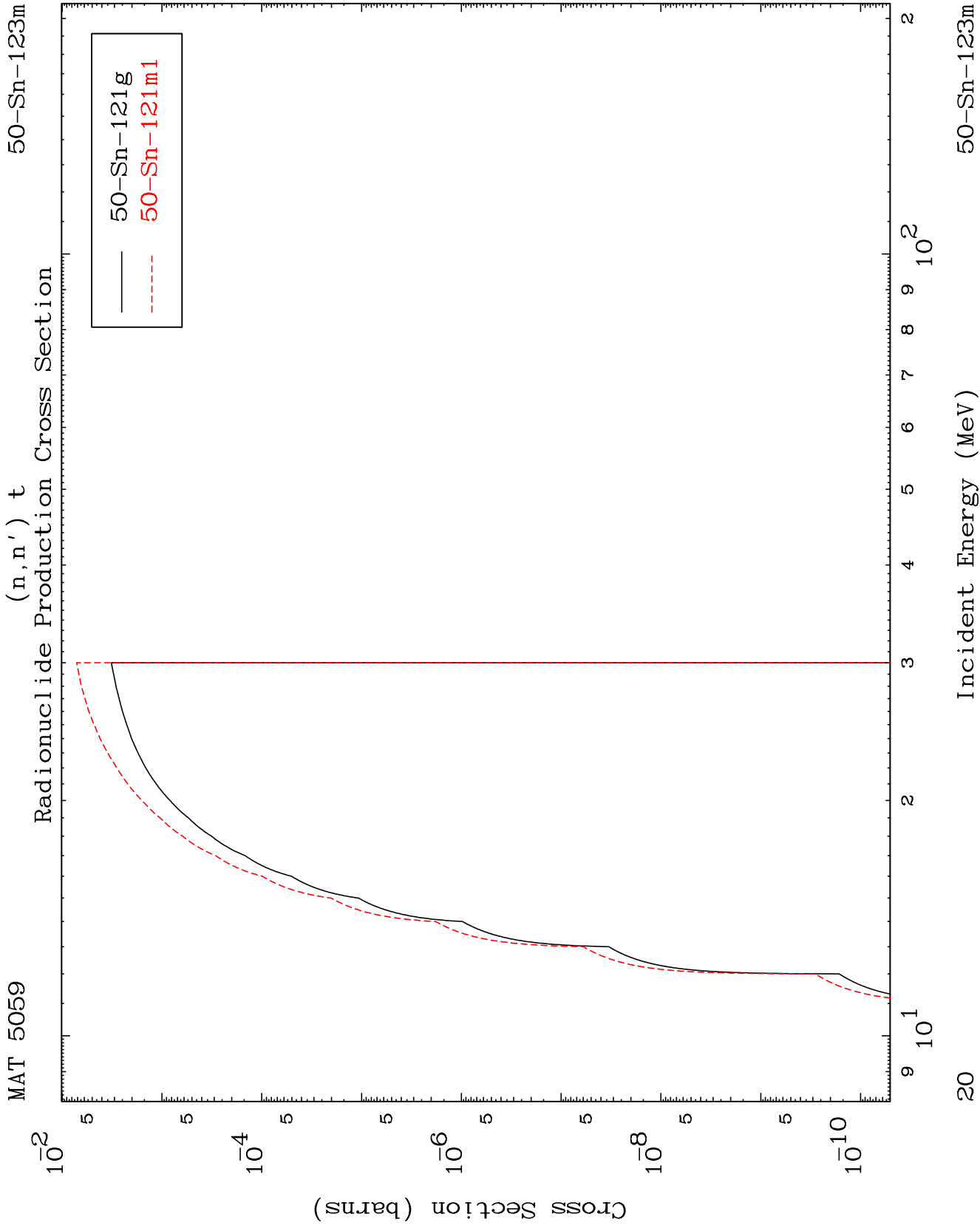
(n,n') 2 α
Radionuclide Production Cross Section

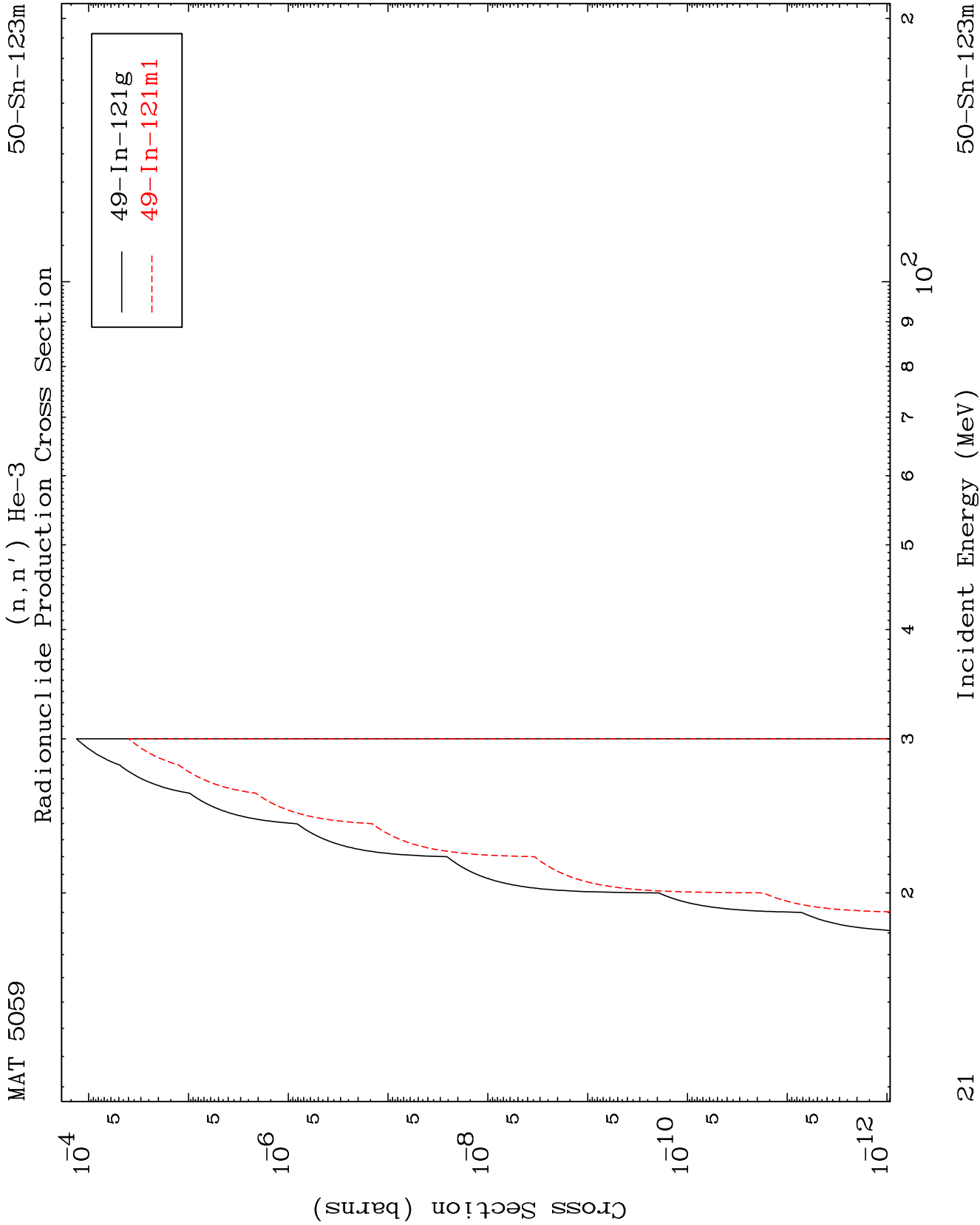


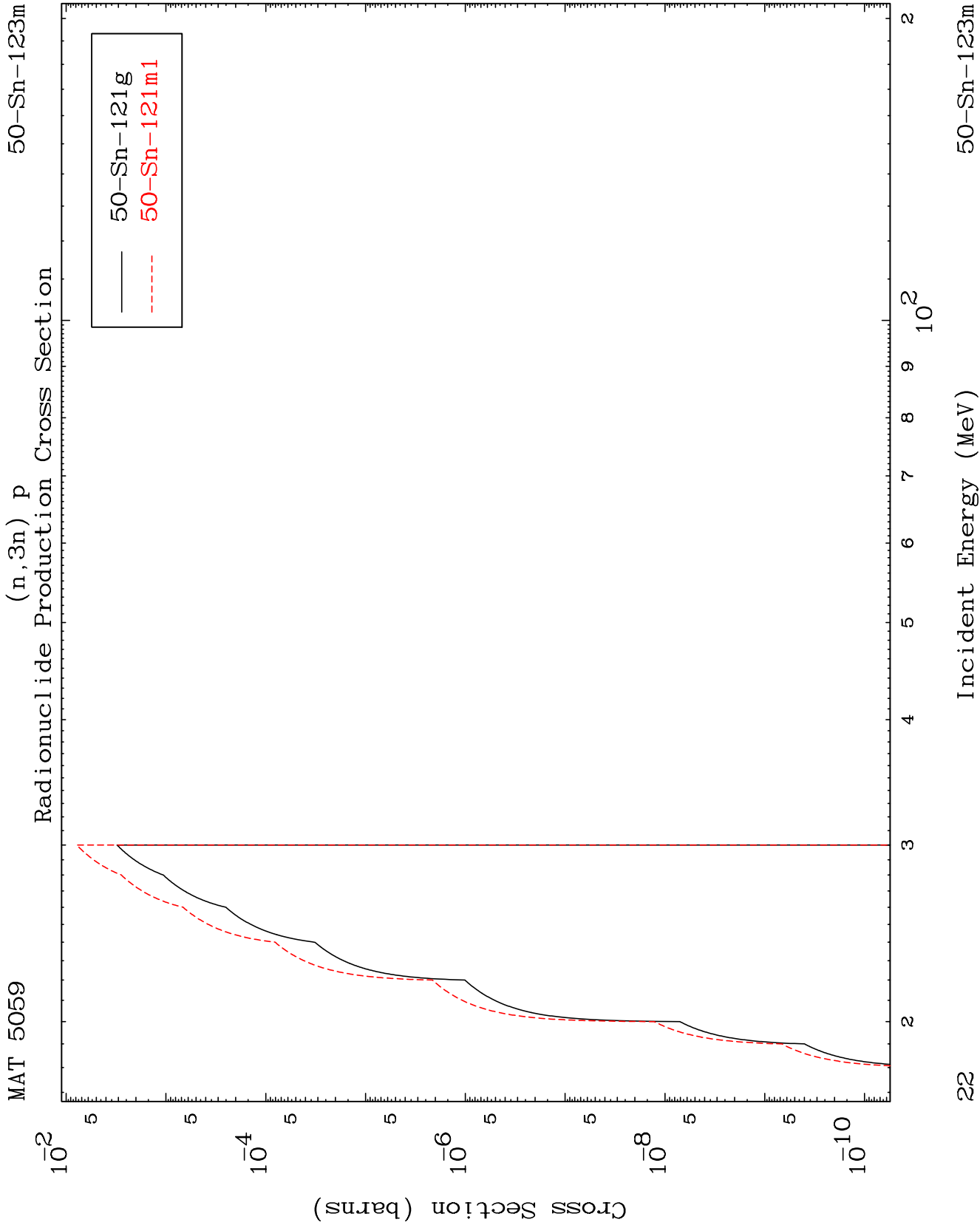
19

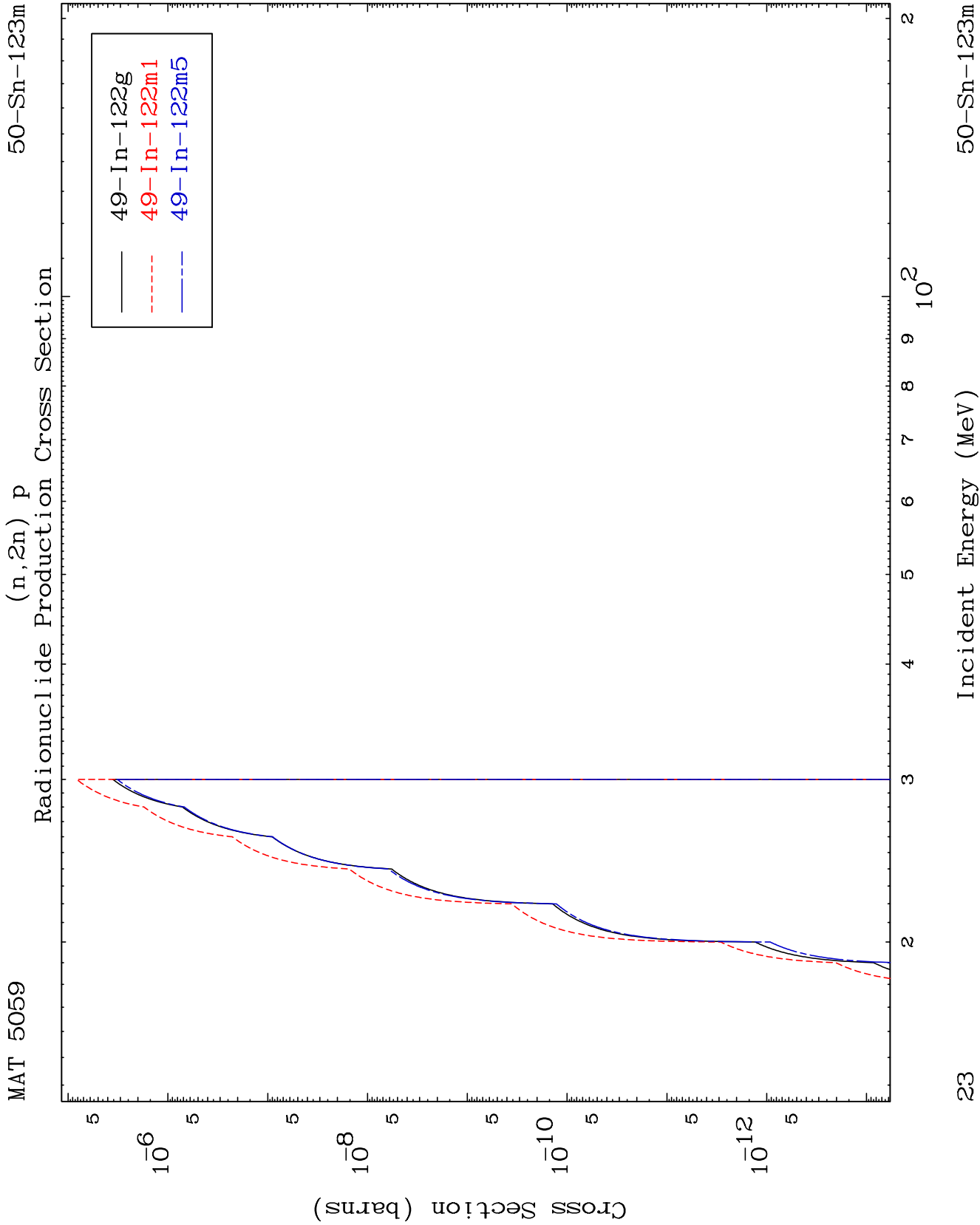
Incident Energy (MeV)

50-Sn-123m





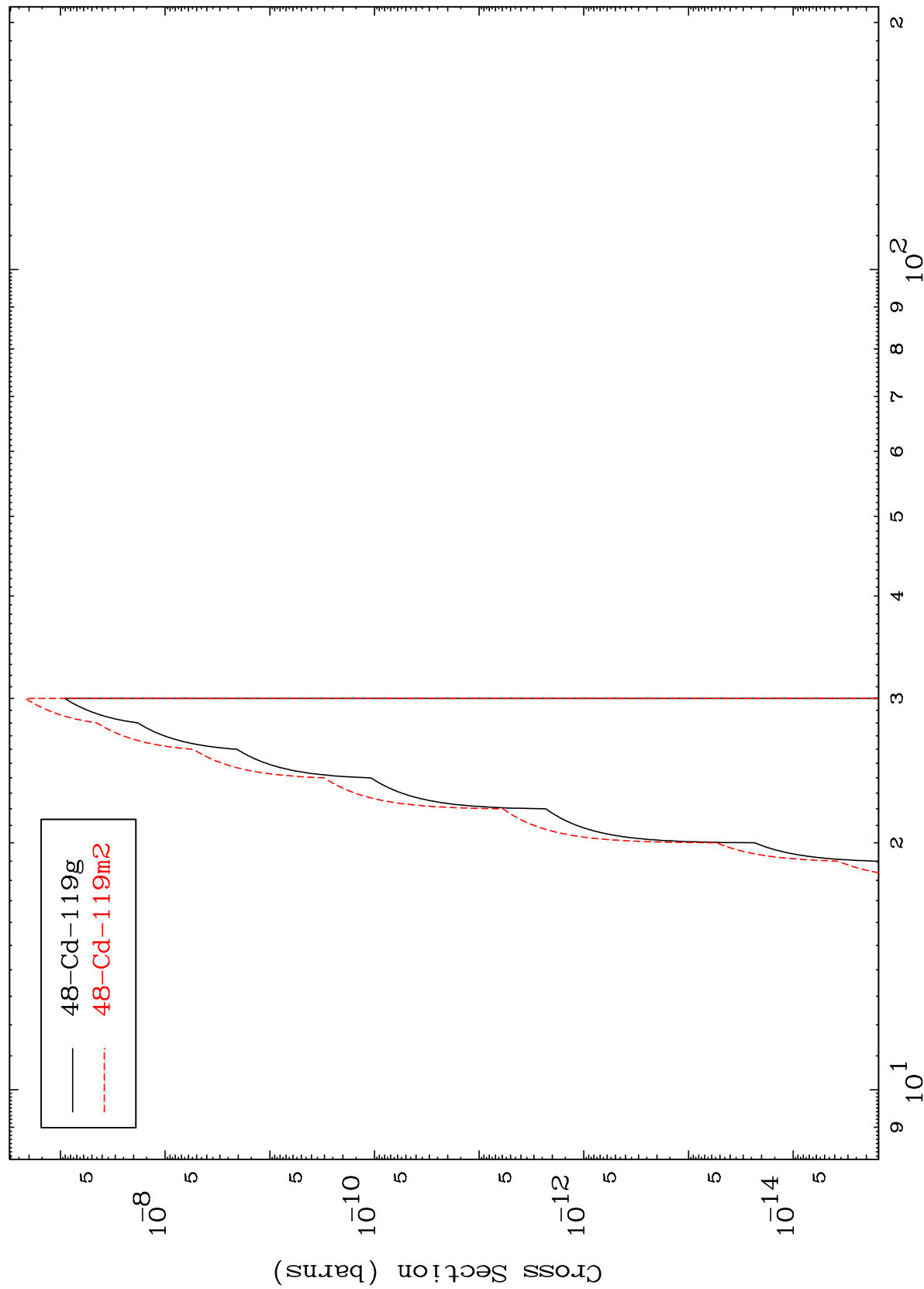




MAT 5059

50-Sn-123m

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



50-Sn-123m

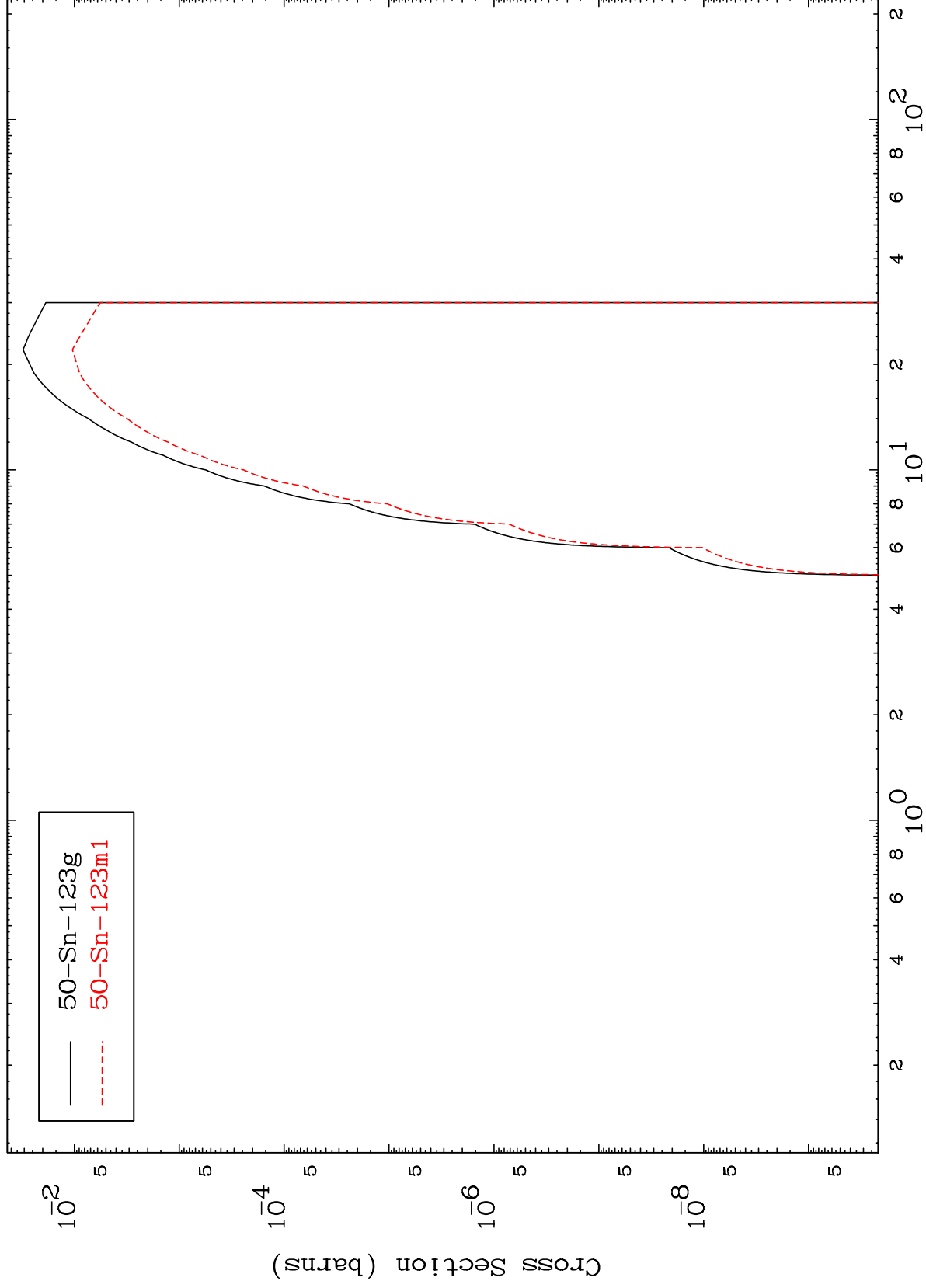
Incident Energy (MeV)

24

MAT 5059

50-Sn-123m

(n,d)
Radionuclide Production Cross Section



25

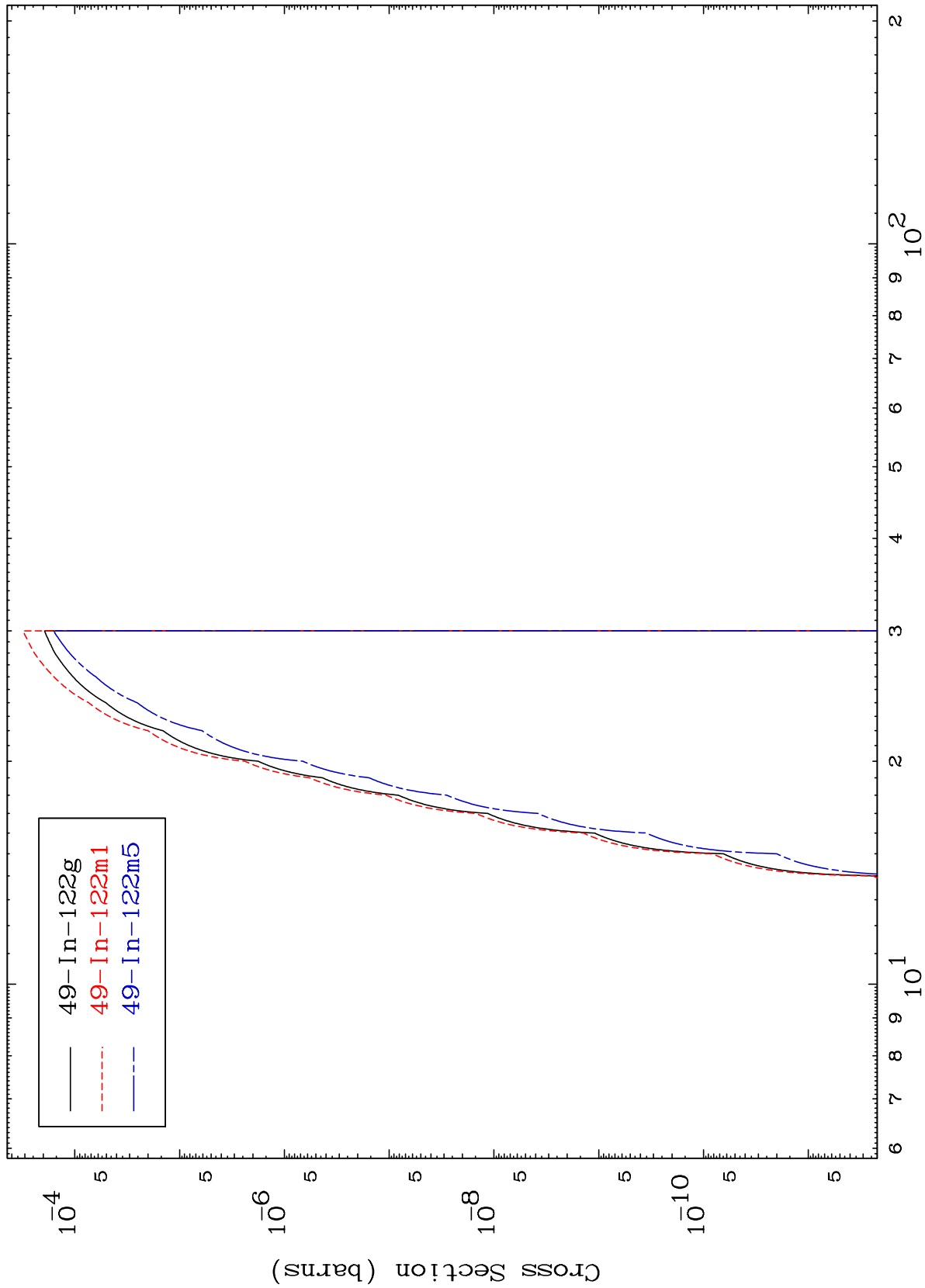
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

(n,He-3)
Radionuclide Production Cross Section



50-Sn-123m

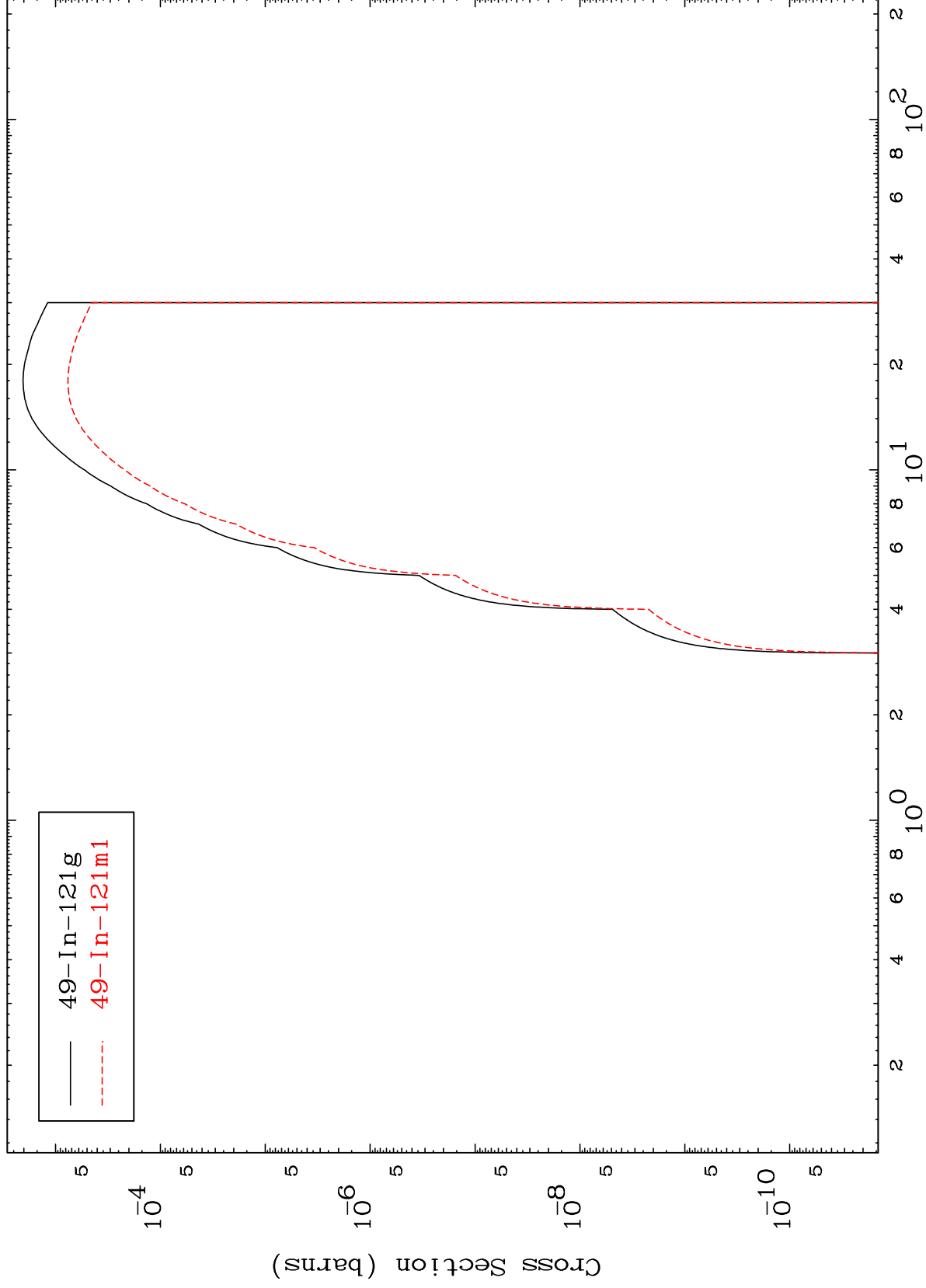
Incident Energy (MeV)

26

MAT 5059

50-Sn-123m

Radionuclide Production Cross Section
(n, α)



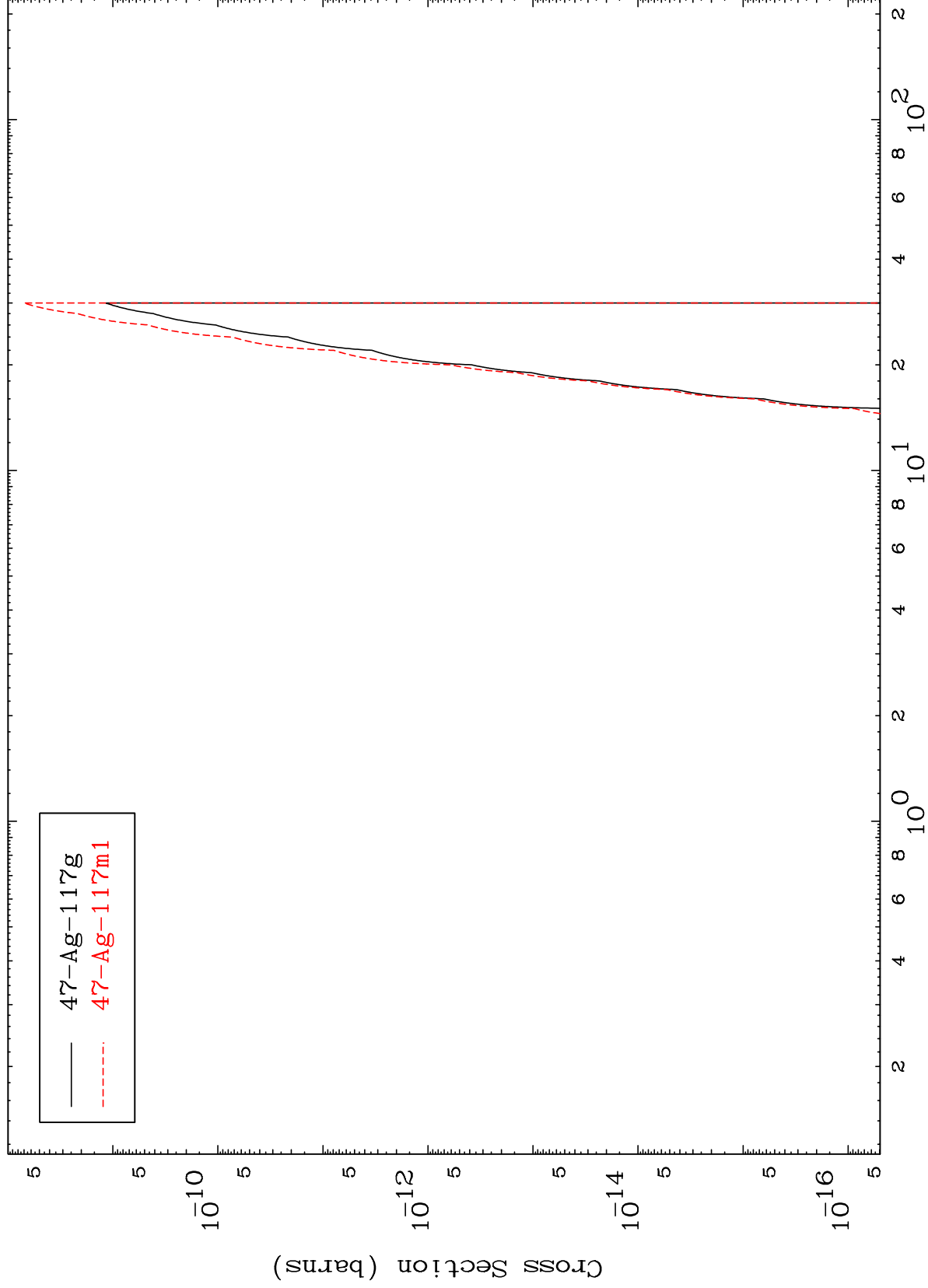
27

50-Sn-123m

MAT 5059

50-Sn-123m

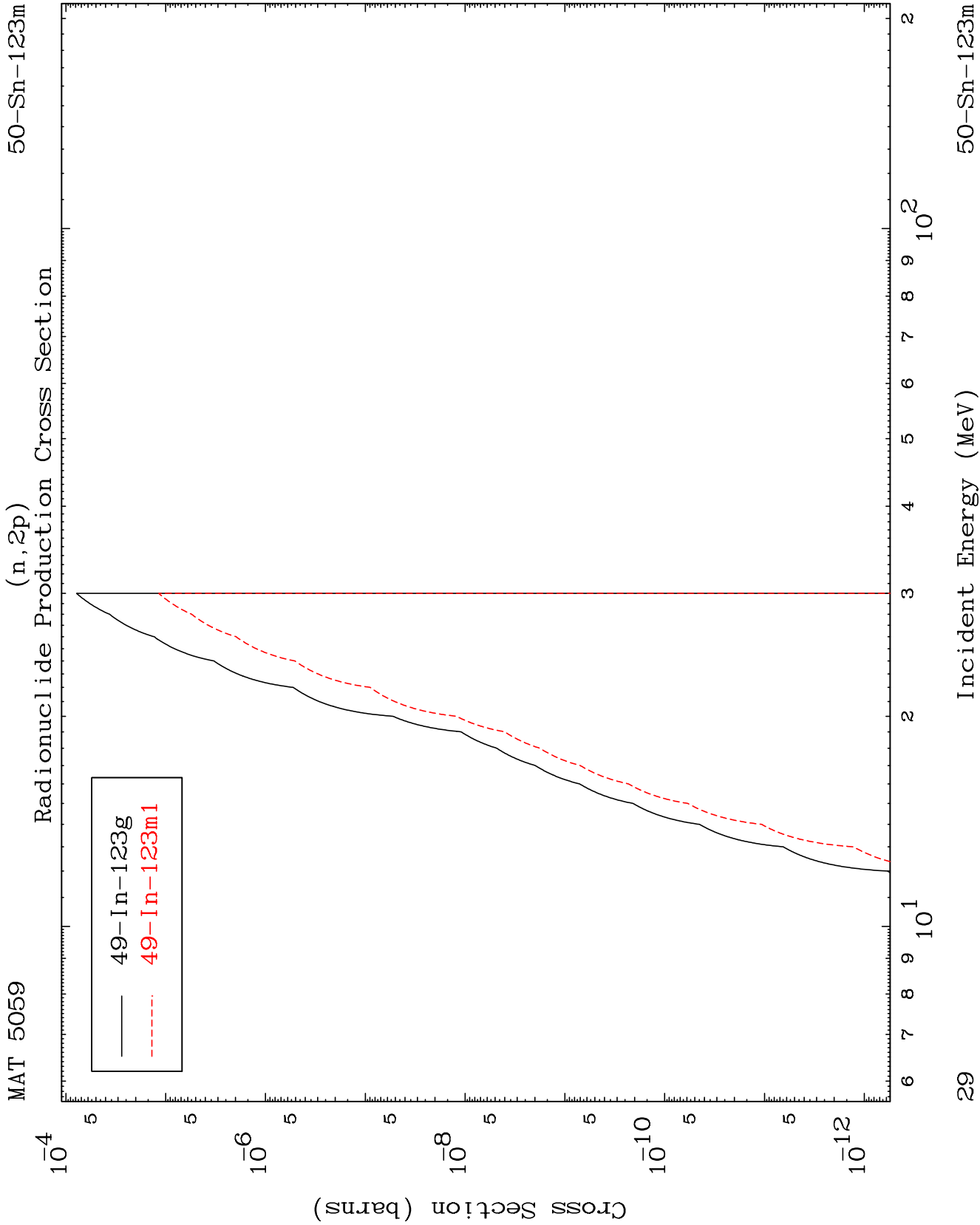
Radionuclide Production Cross Section
(n,2 α)



28

Incident Energy (MeV)

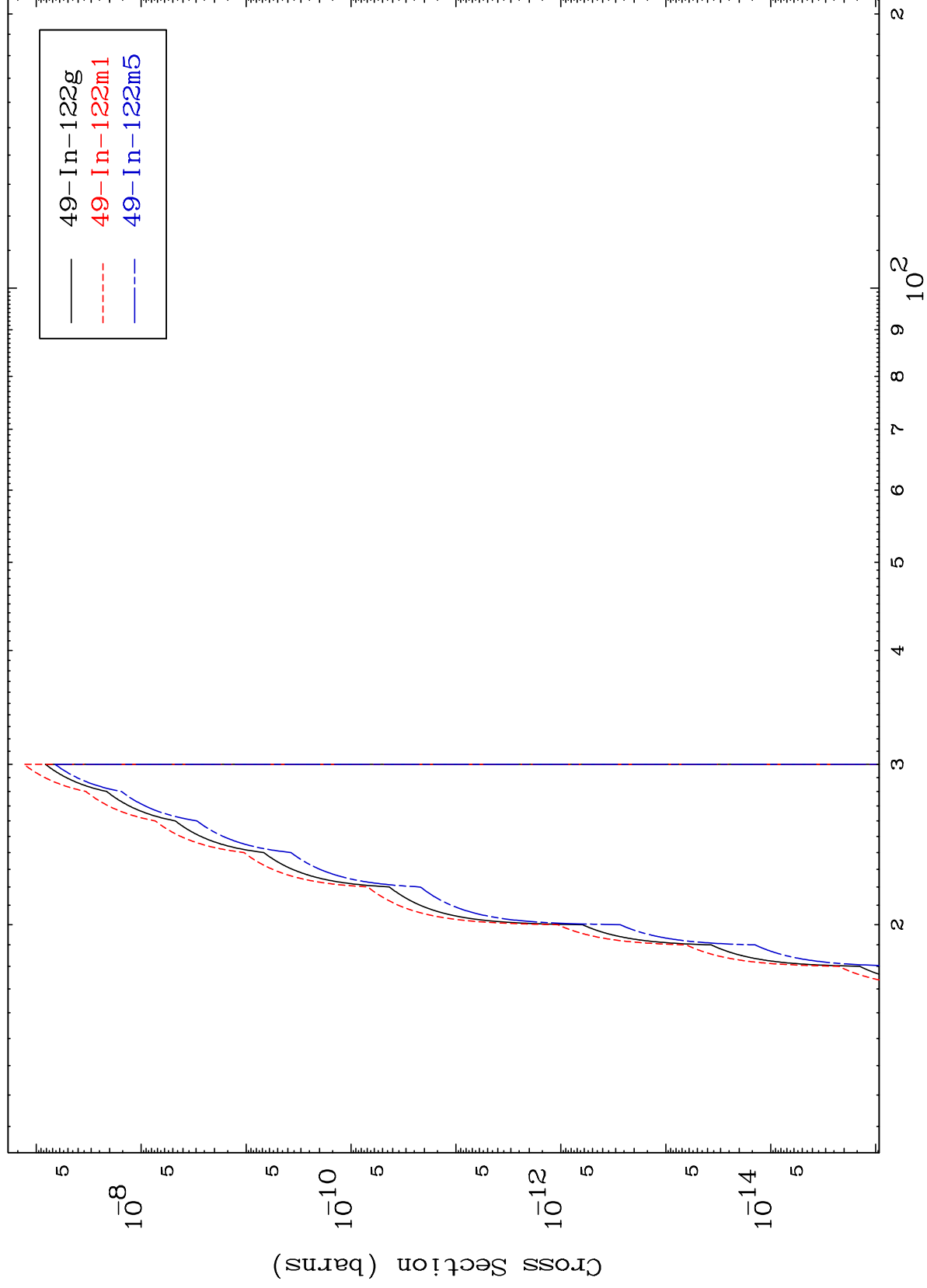
50-Sn-123m



MAT 5059

50-Sn-123m

(n,p) d
Radionuclide Production Cross Section



50-Sn-123m

Incident Energy (MeV)

30

(n,p) t
Radionuclide Production Cross Section

