

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

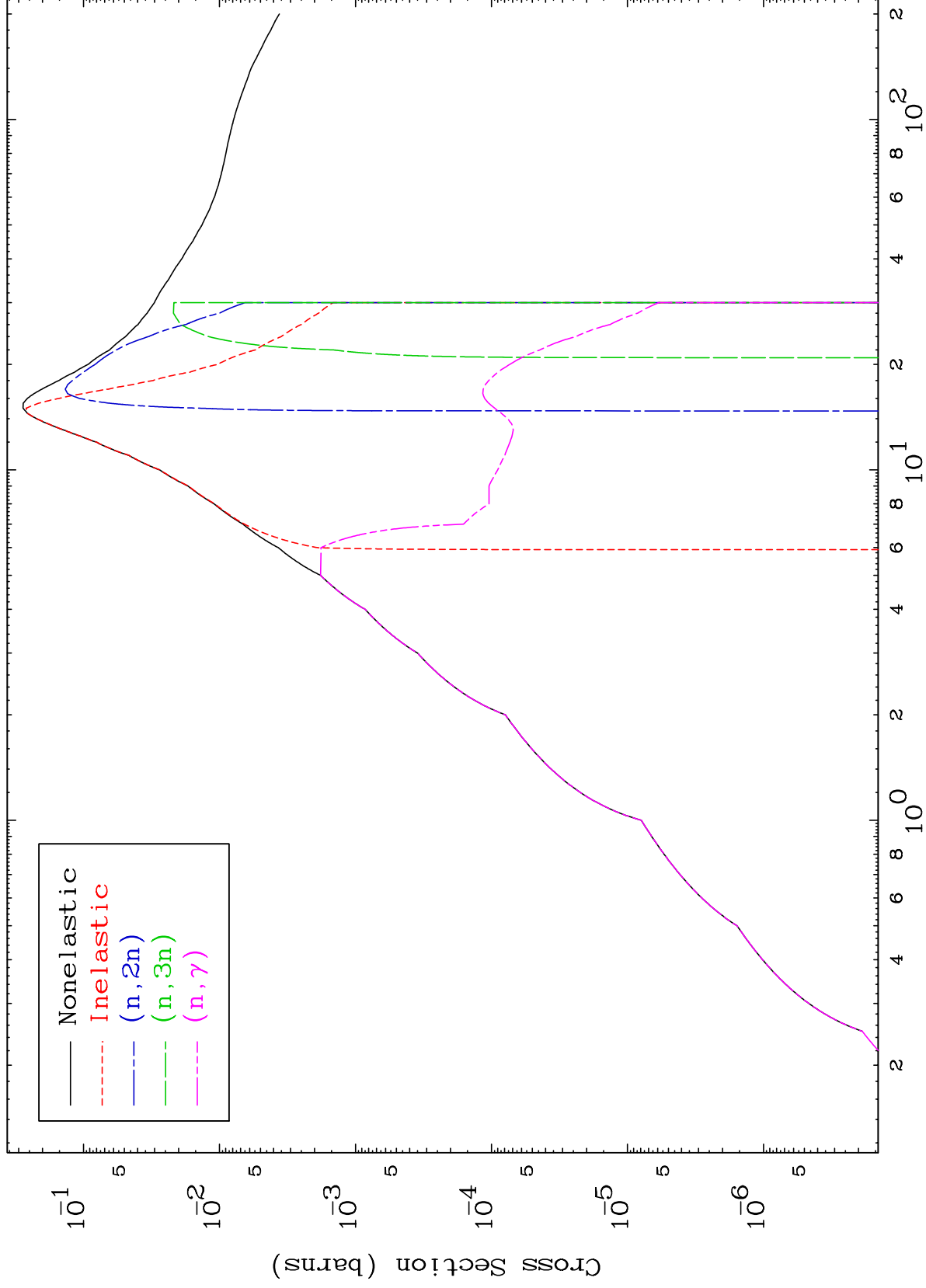
Press Mouse Button to Start

MAT 5059

Photon Major

0 Kelvin Cross Sections

50-Sn-123m



1

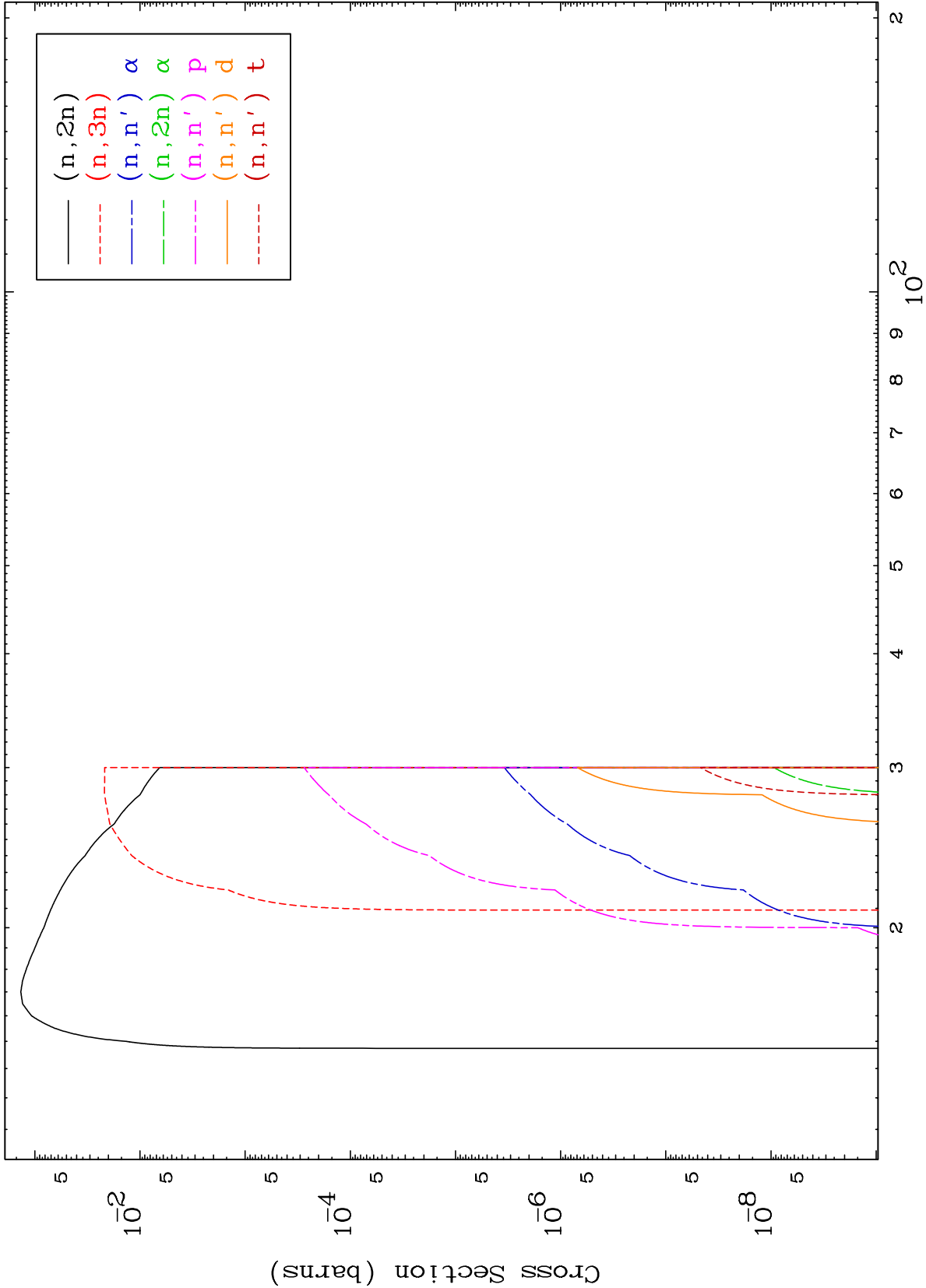
Incident Energy (MeV)

50-Sn-123m

MAT 5059

Photon Neutron Absorption
0 Kelvin Cross Sections

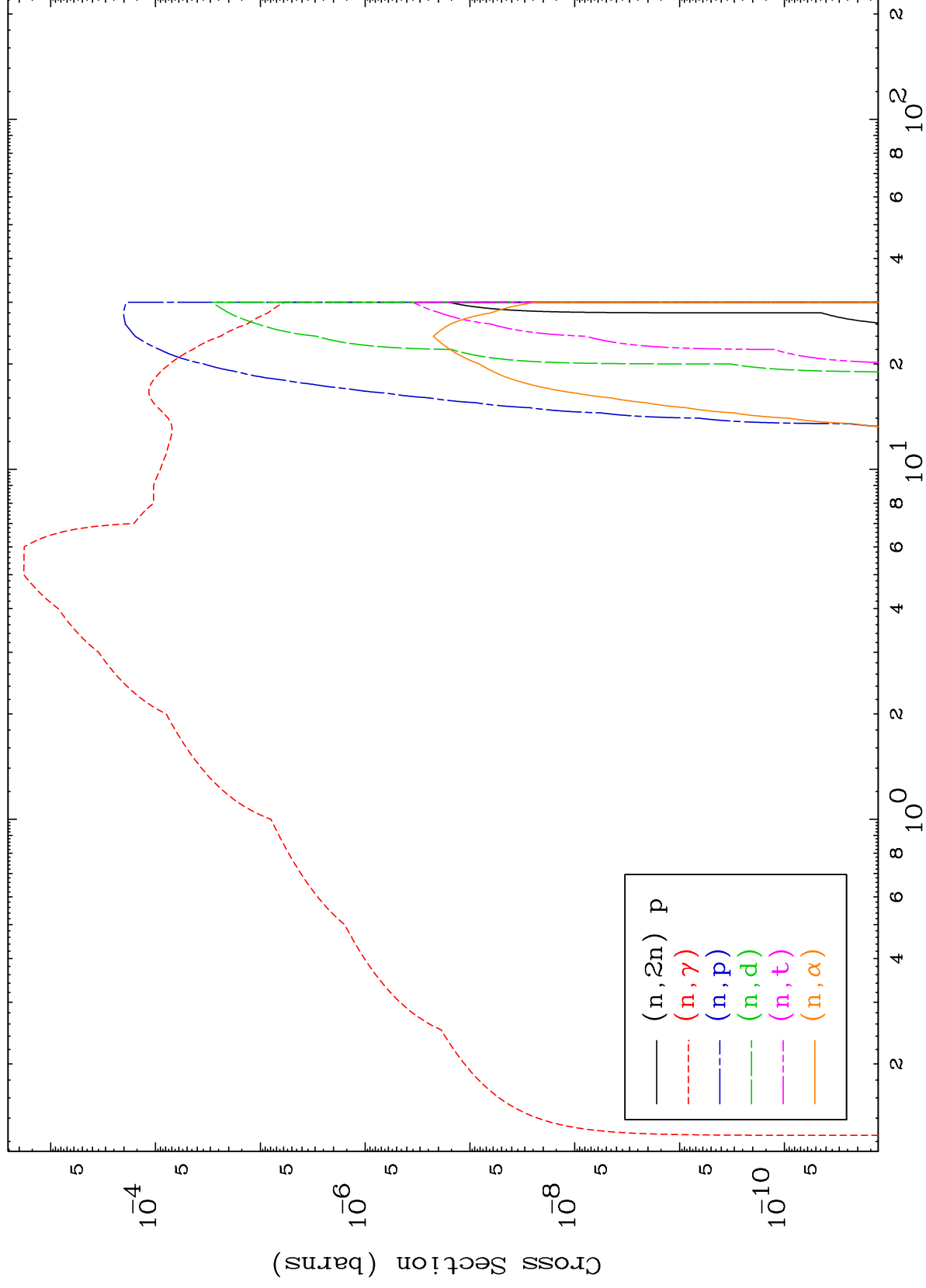
50-Sn-123m



2

Incident Energy (MeV)

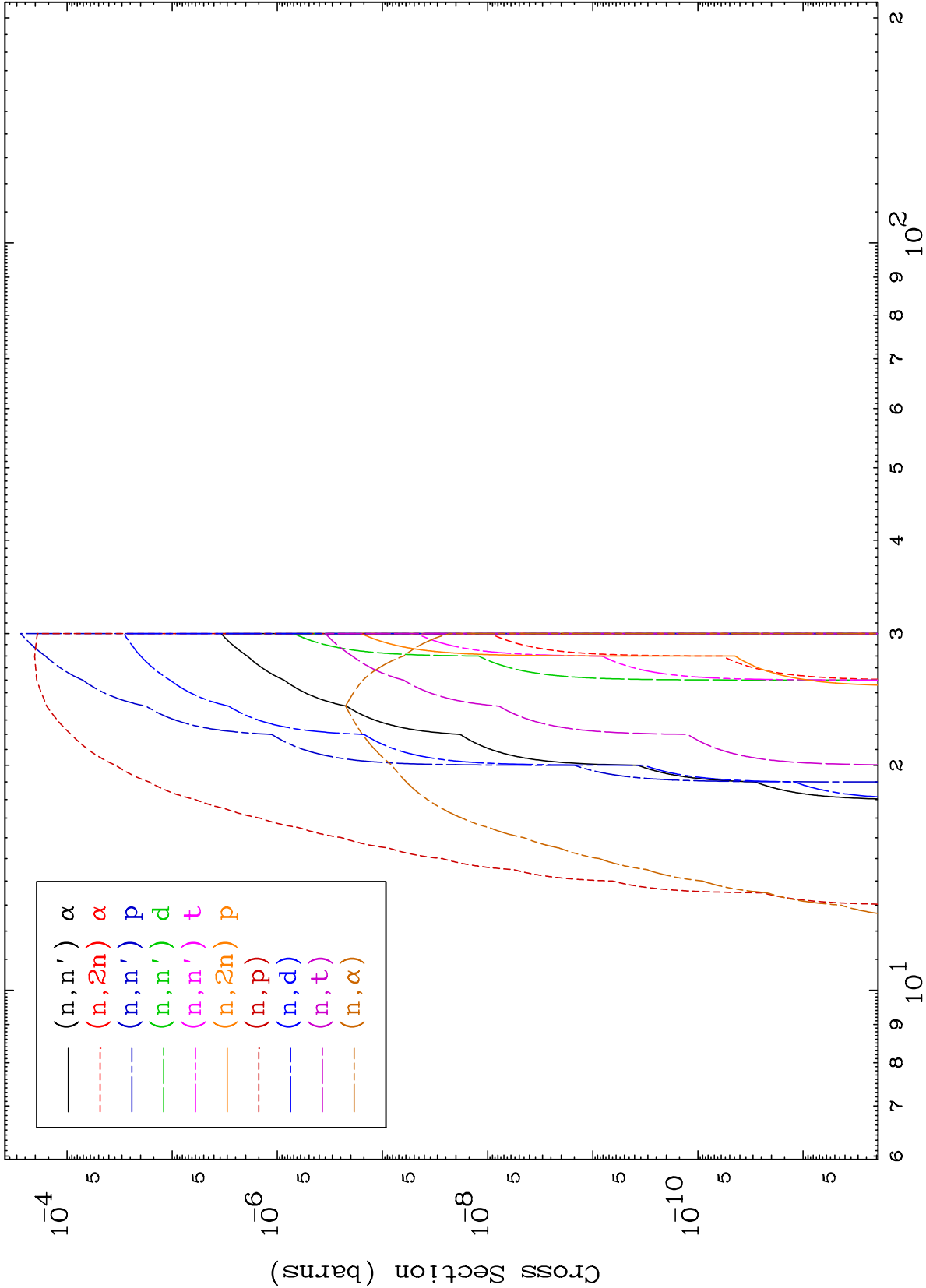
50-Sn-123m

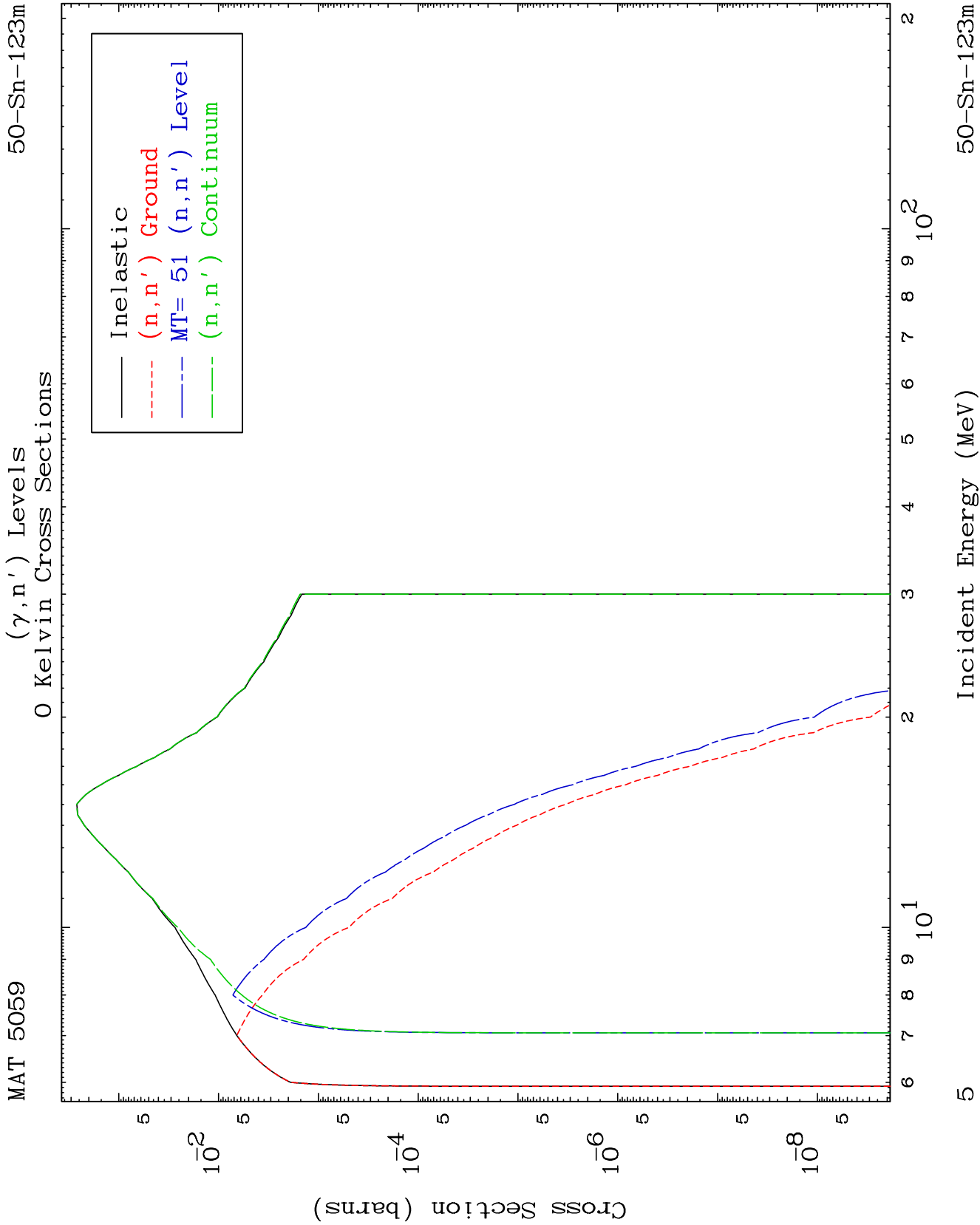


MAT 5059

Photon Charged Particle
0 Kelvin Cross Sections

50-Sn-123m

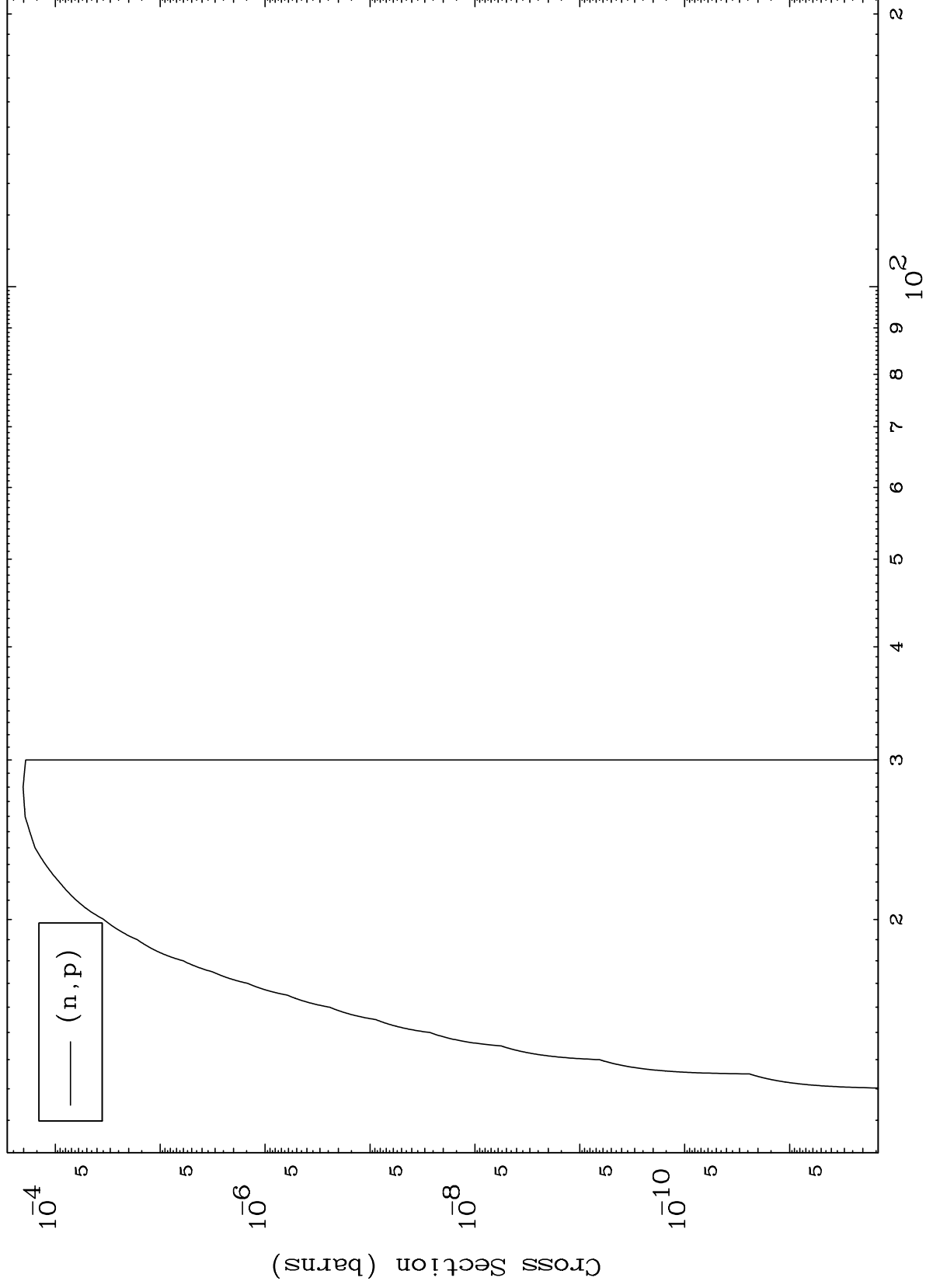




MAT 5059

50-Sn-123m

(γ, p) Levels
0 Kelvin Cross Sections



50-Sn-123m

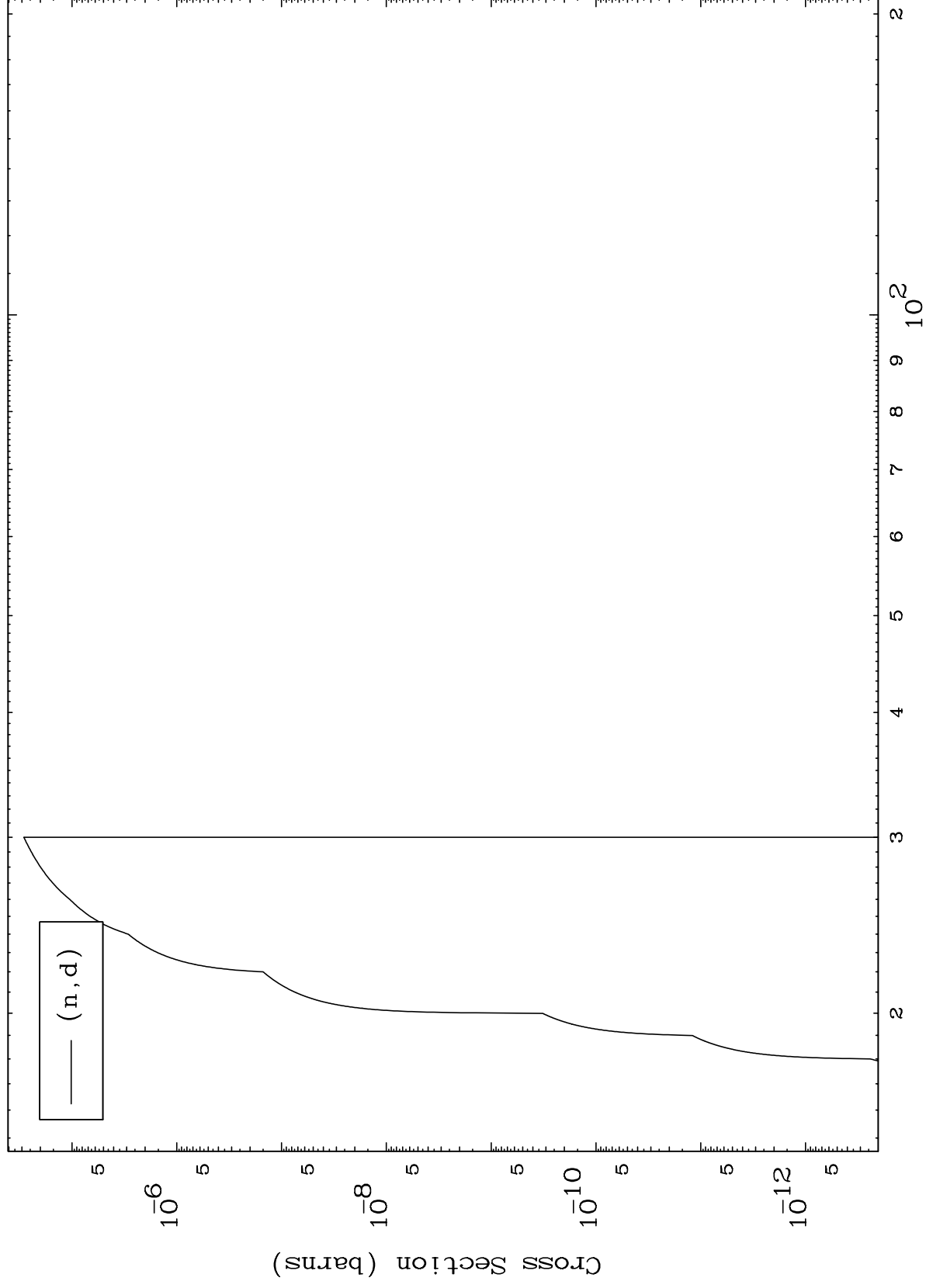
Incident Energy (MeV)

6

MAT 5059

(γ, d) Levels
0 Kelvin Cross Sections

50-Sn-123m



7

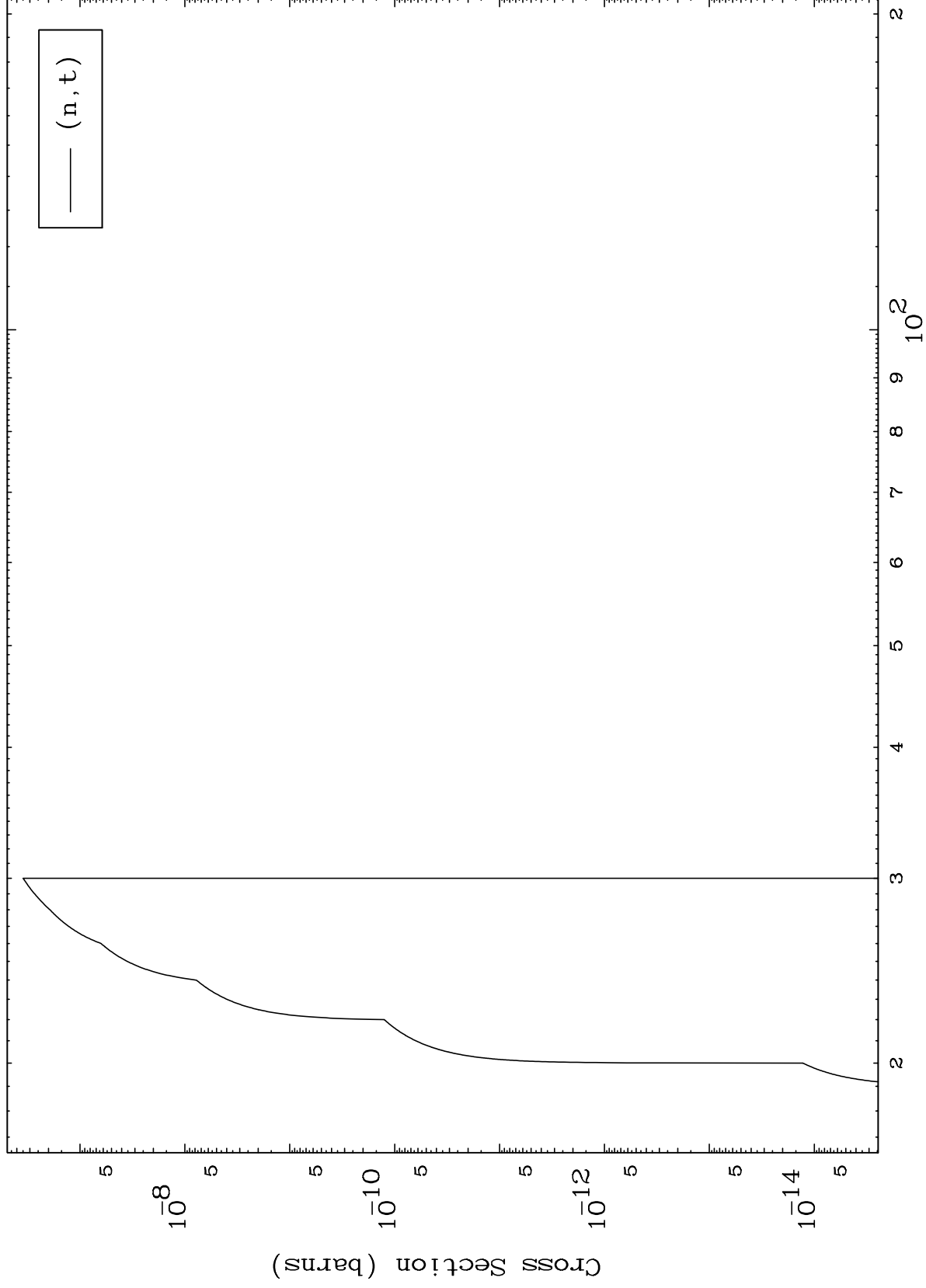
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

(γ, t) Levels
0 Kelvin Cross Sections



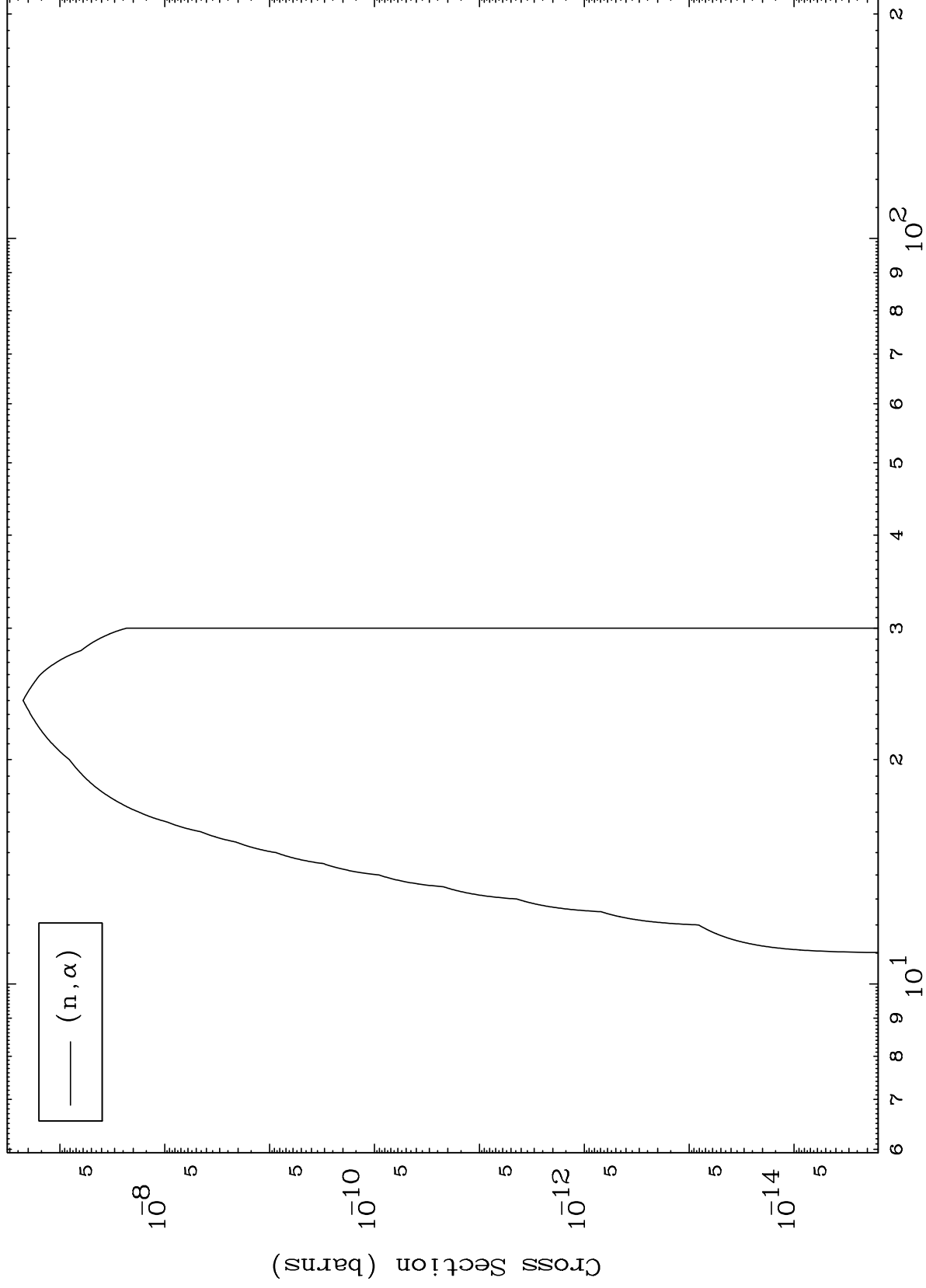
8

50-Sn-123m

MAT 5059

50-Sn-123m

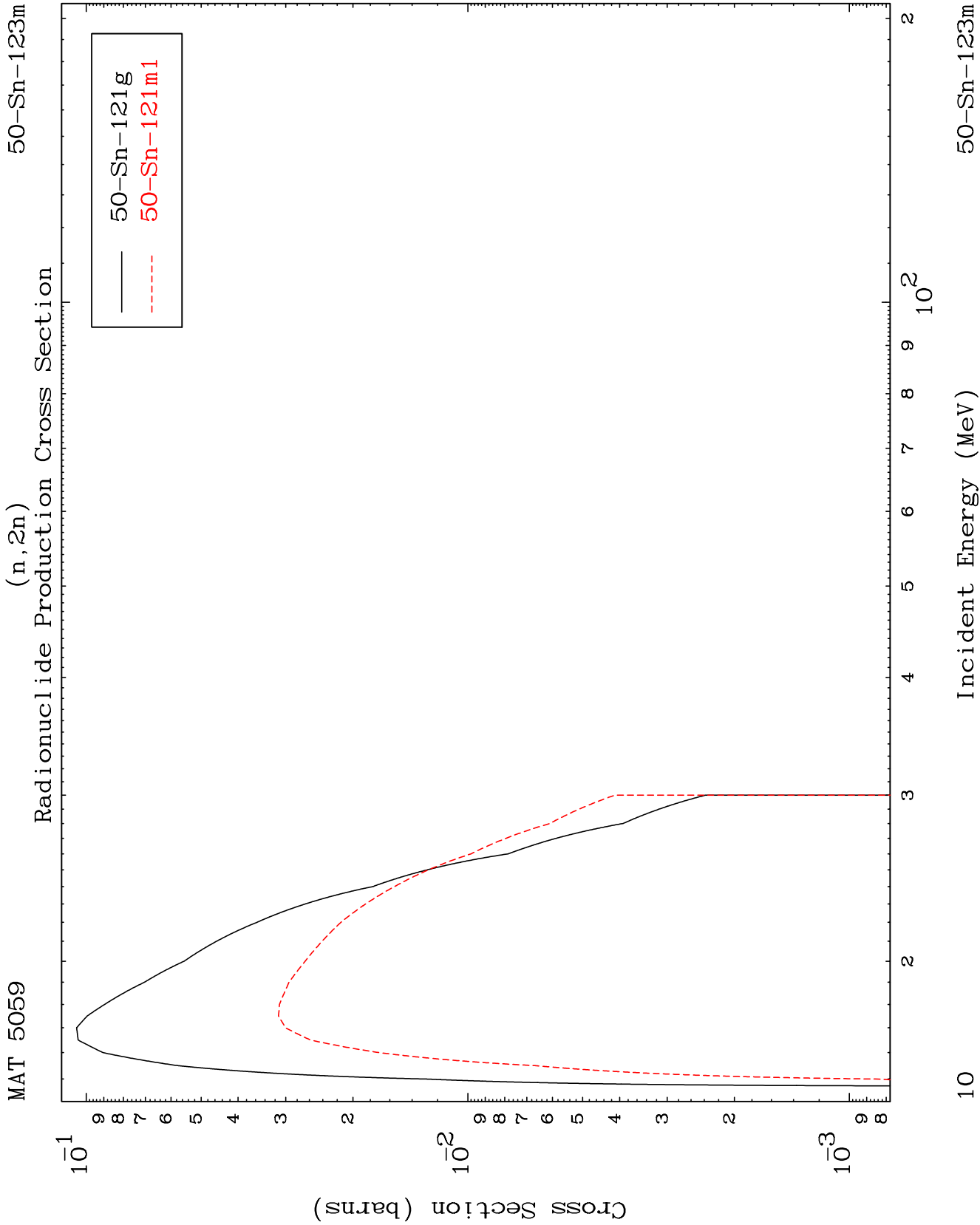
(γ, α) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

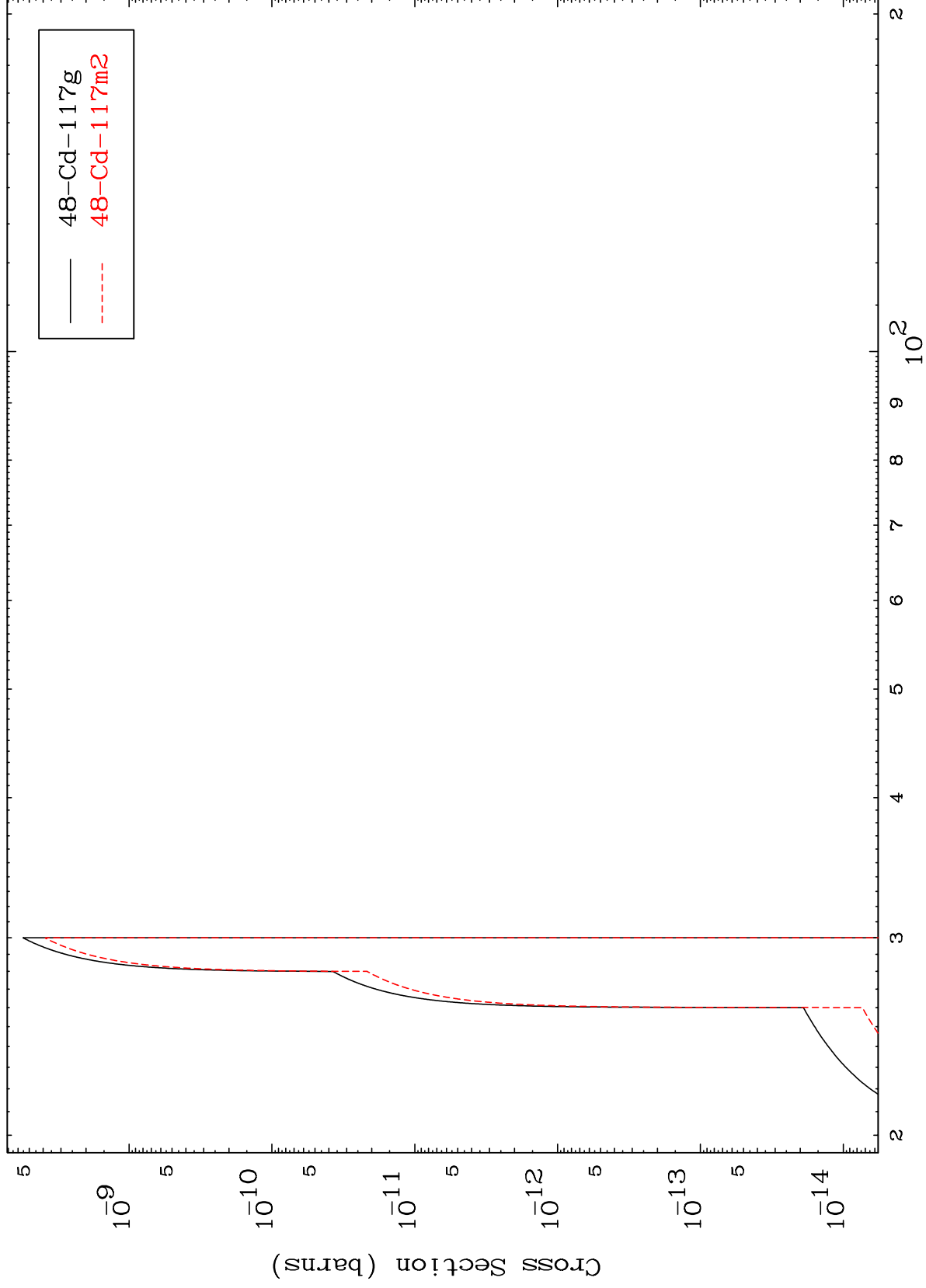
50-Sn-123m



MAT 5059

50-Sn-123m

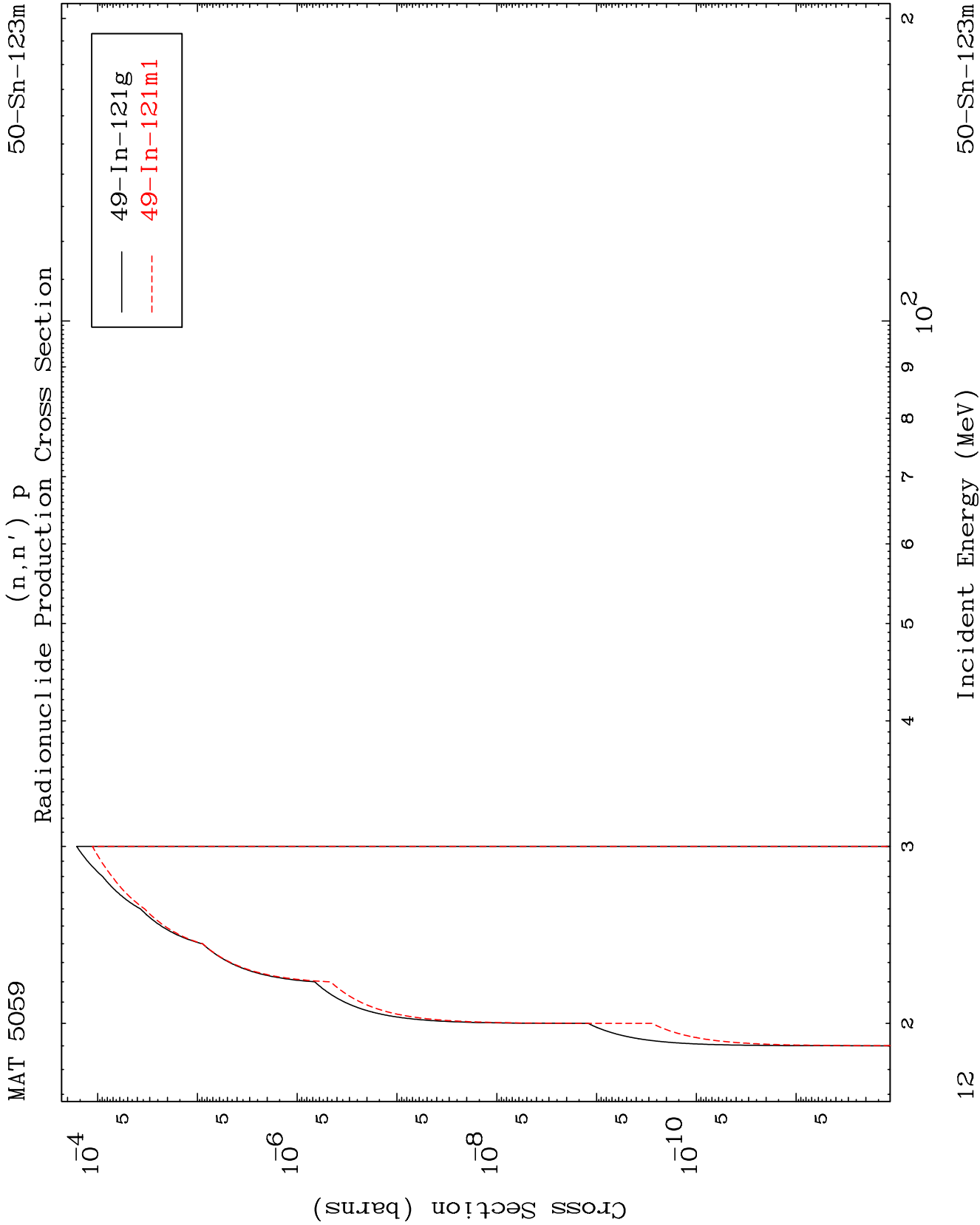
$(n,2n) \alpha$
Radionuclide Production Cross Section

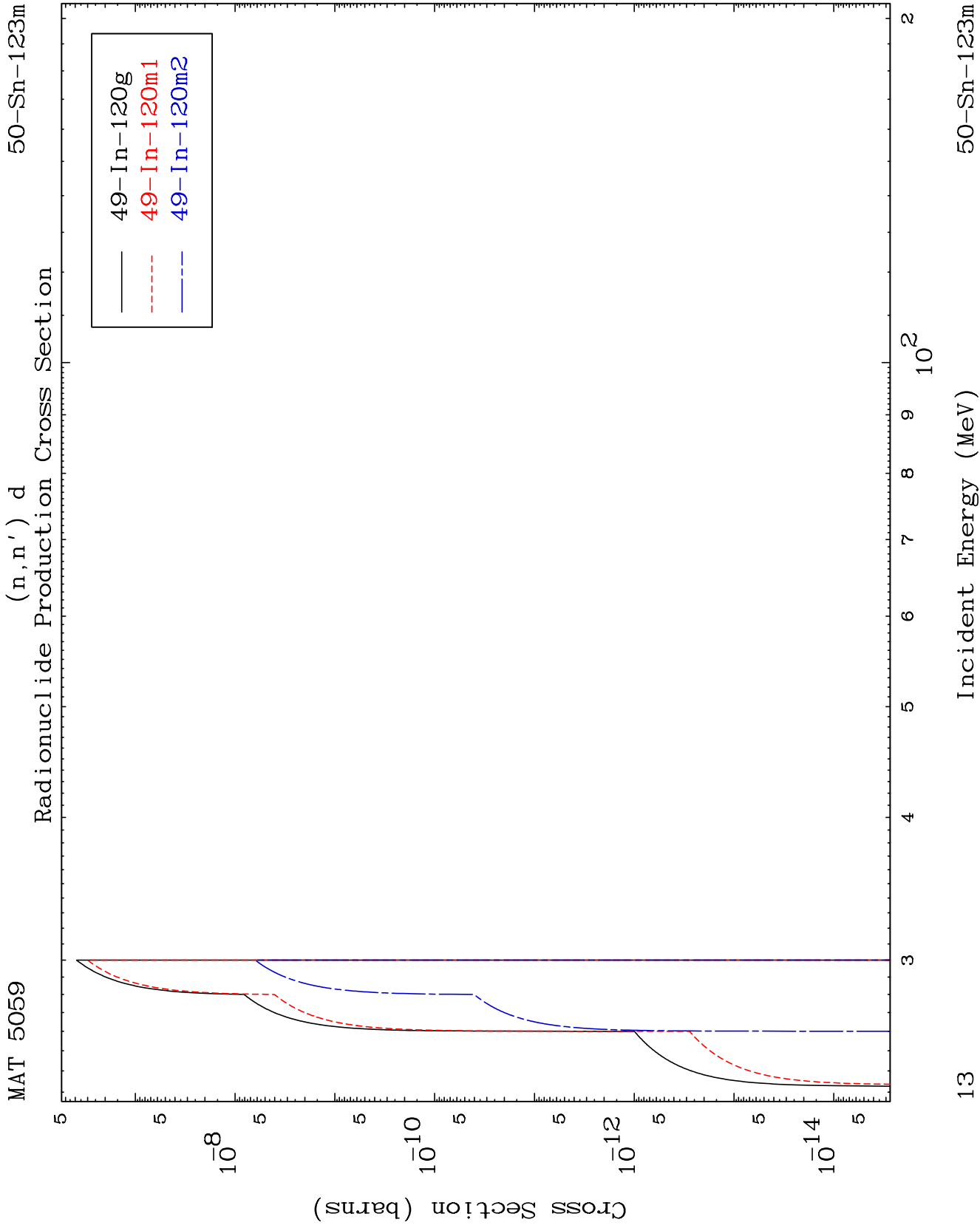


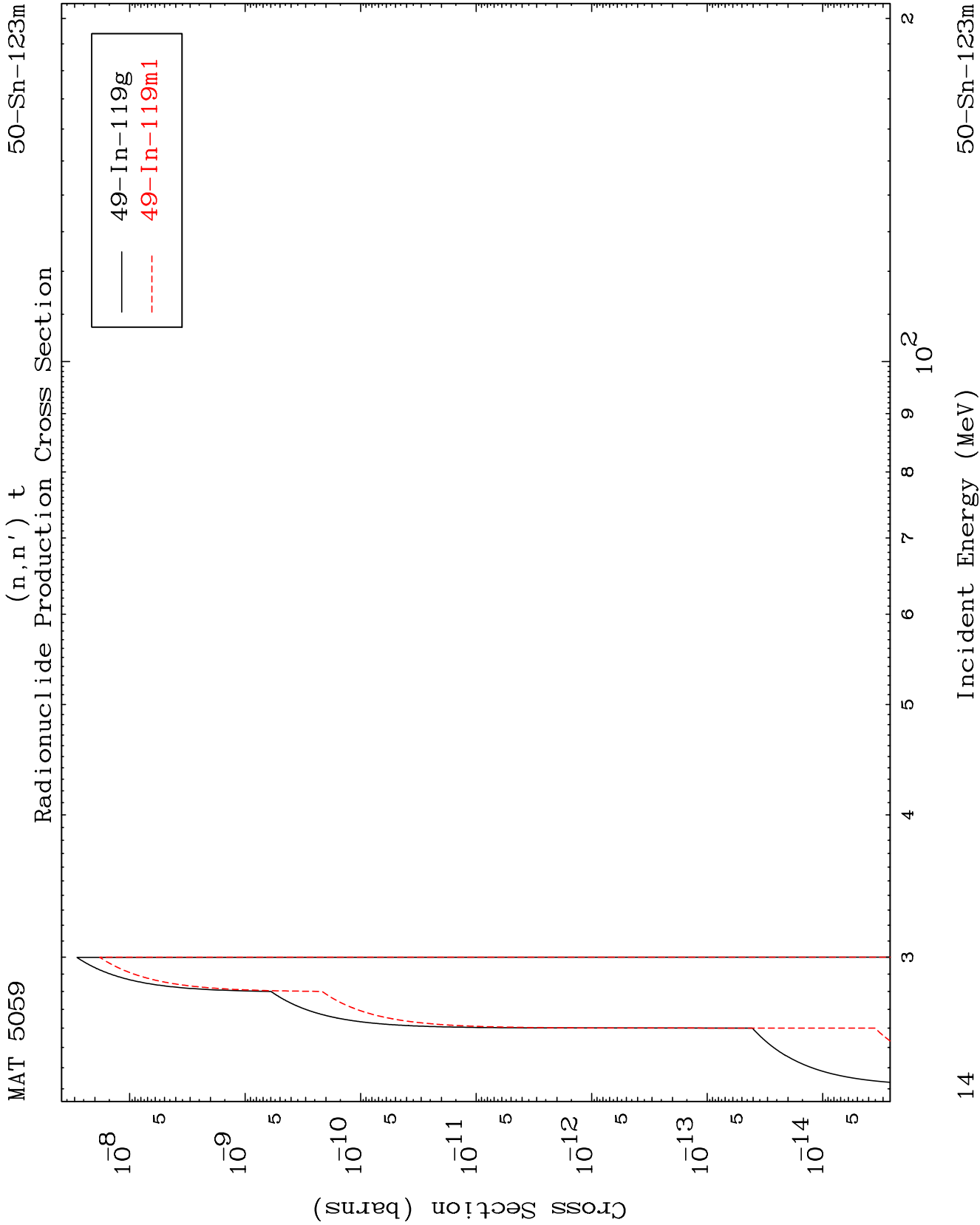
50-Sn-123m

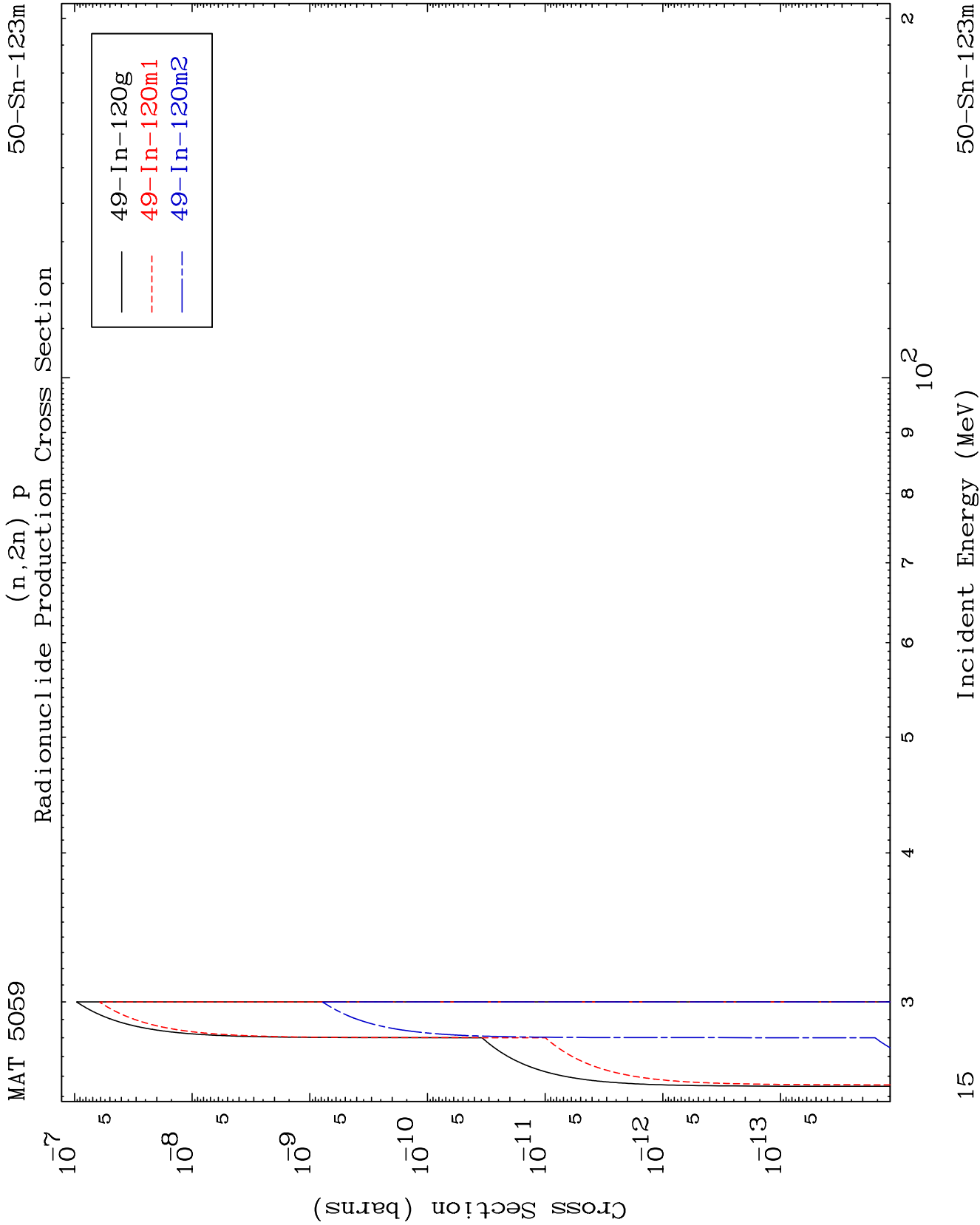
Incident Energy (MeV)

11







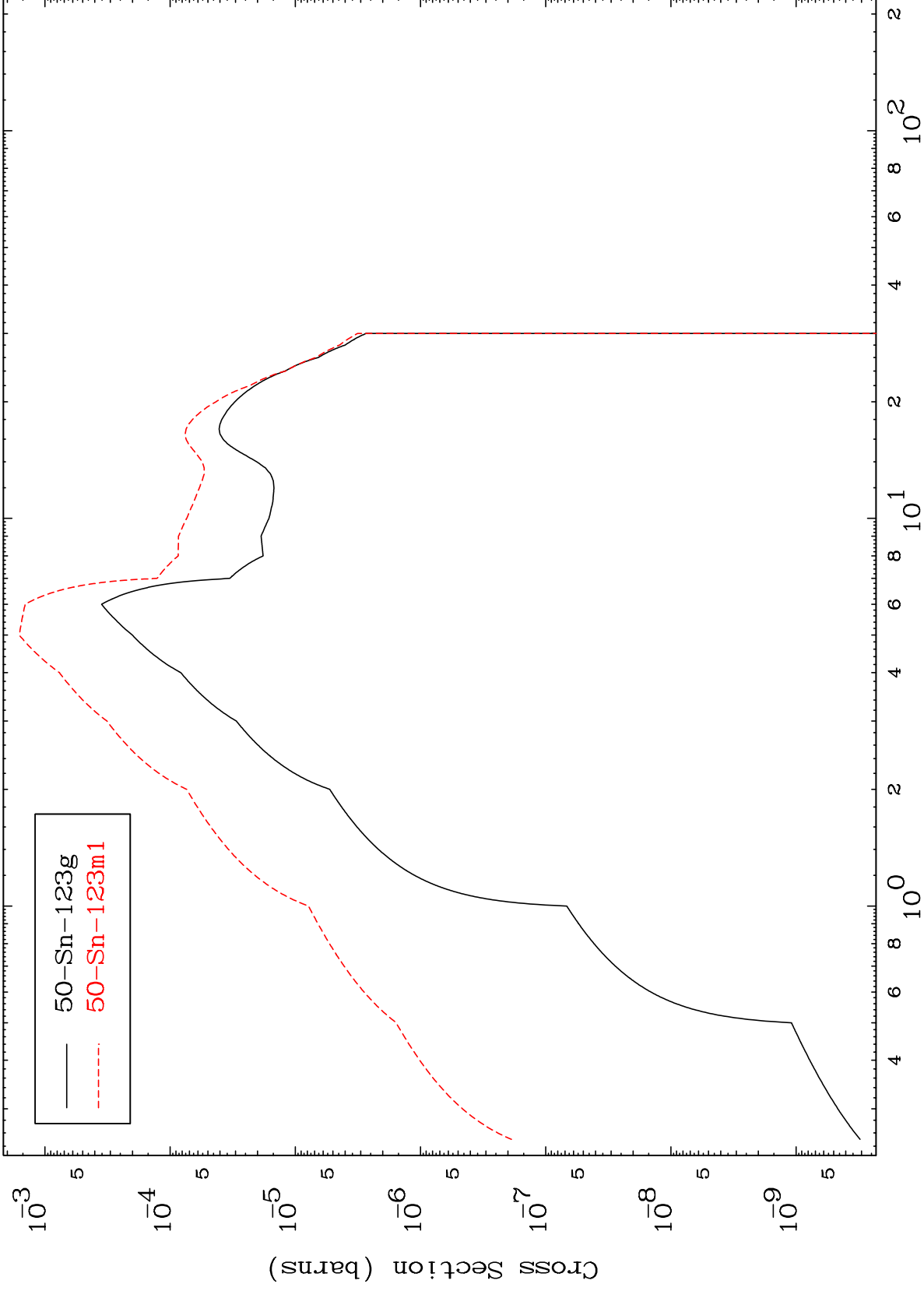


MAT 5059

50-Sn-123m

Radionuclide Production Cross Section

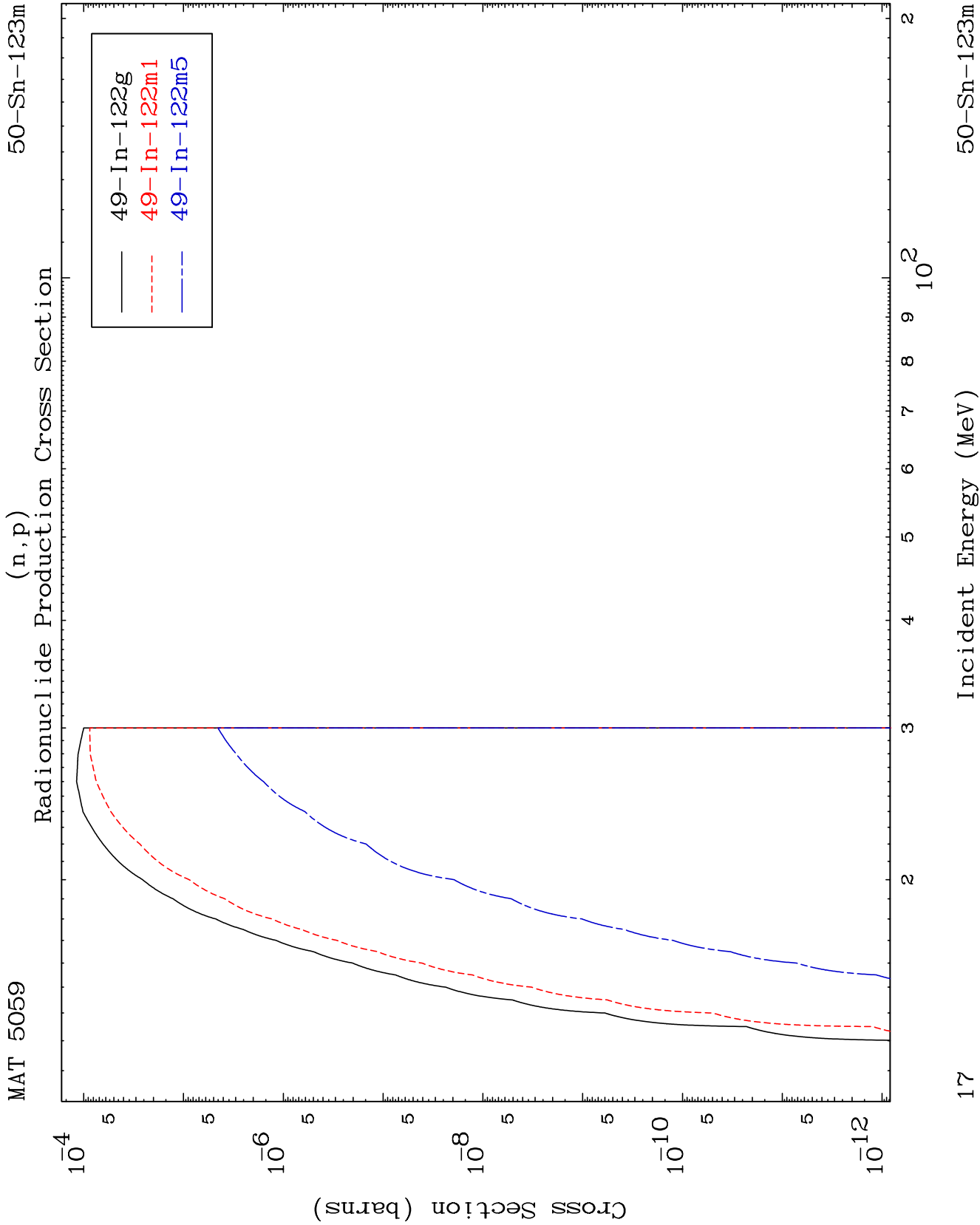
(n, γ)

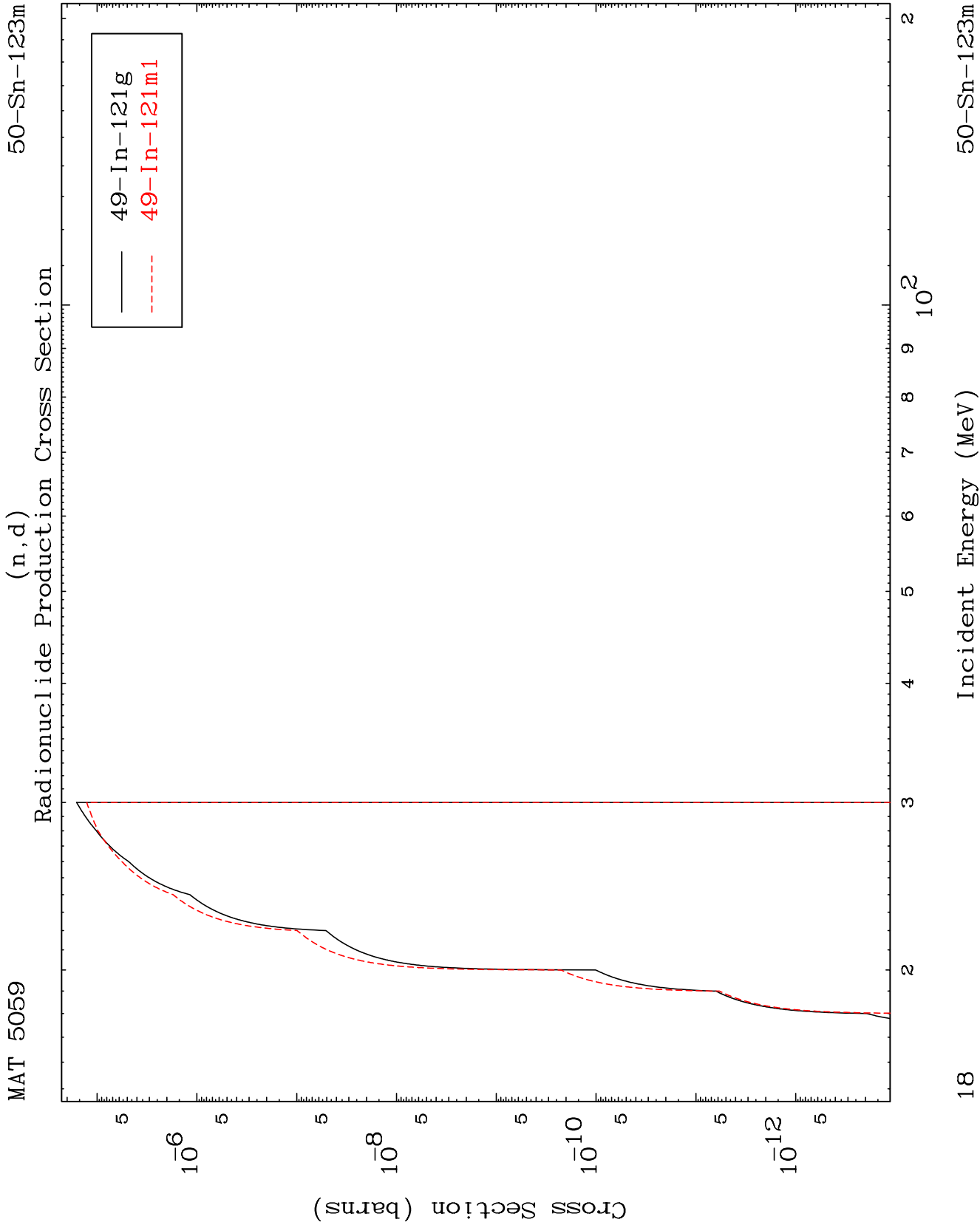


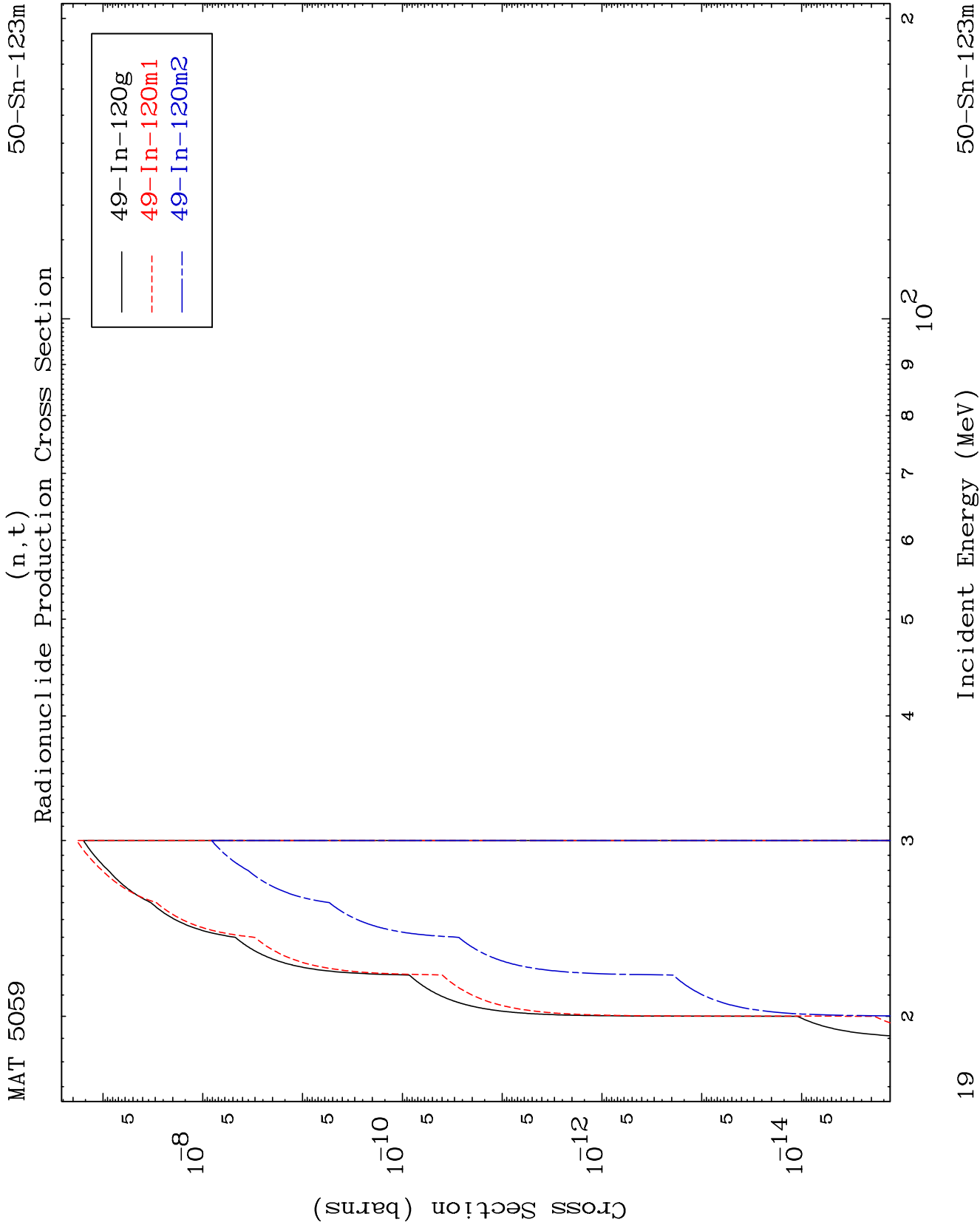
Incident Energy (MeV)

50-Sn-123m

16



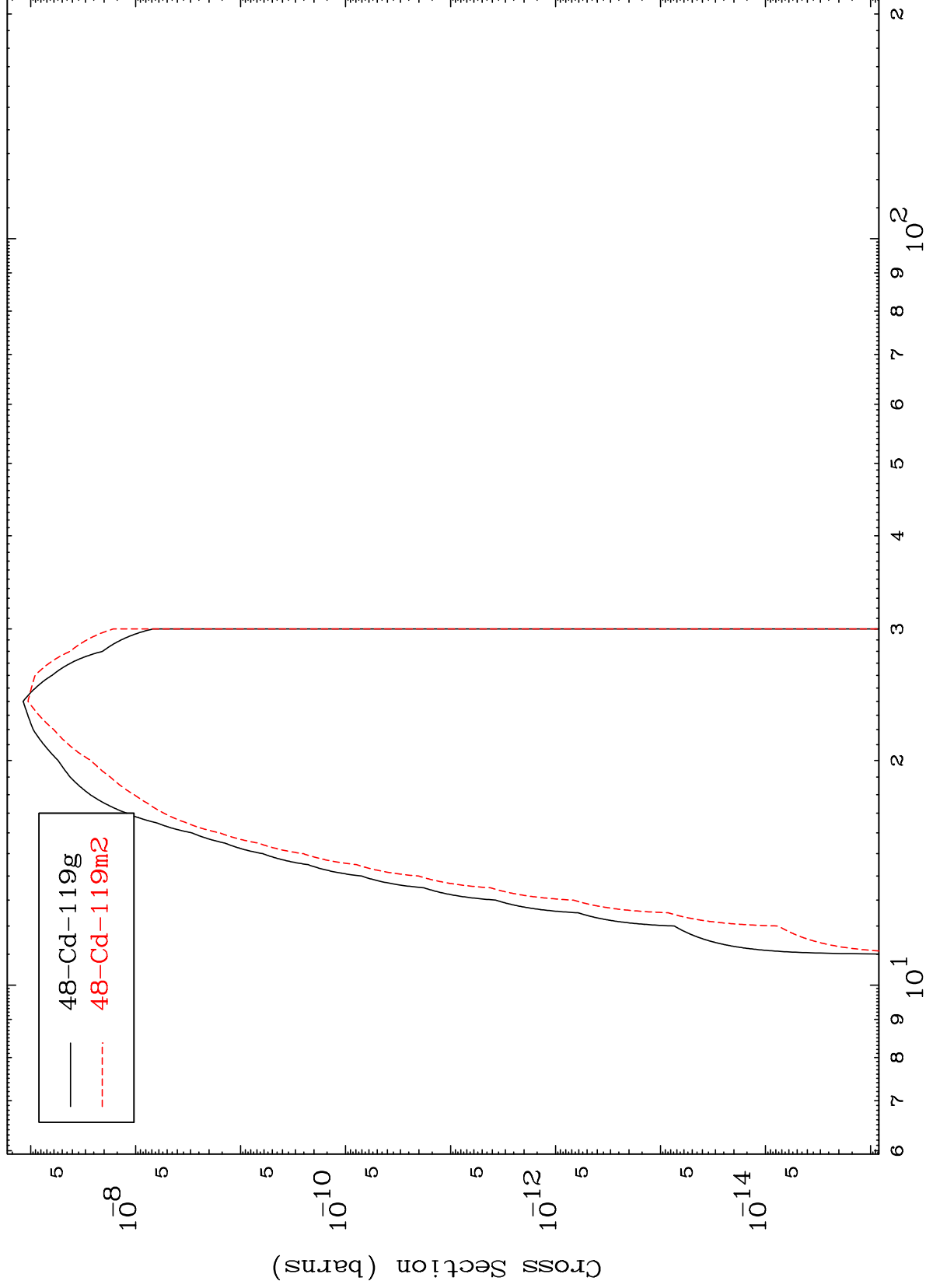




MAT 5059

50-Sn-123m

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-123m

20