

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

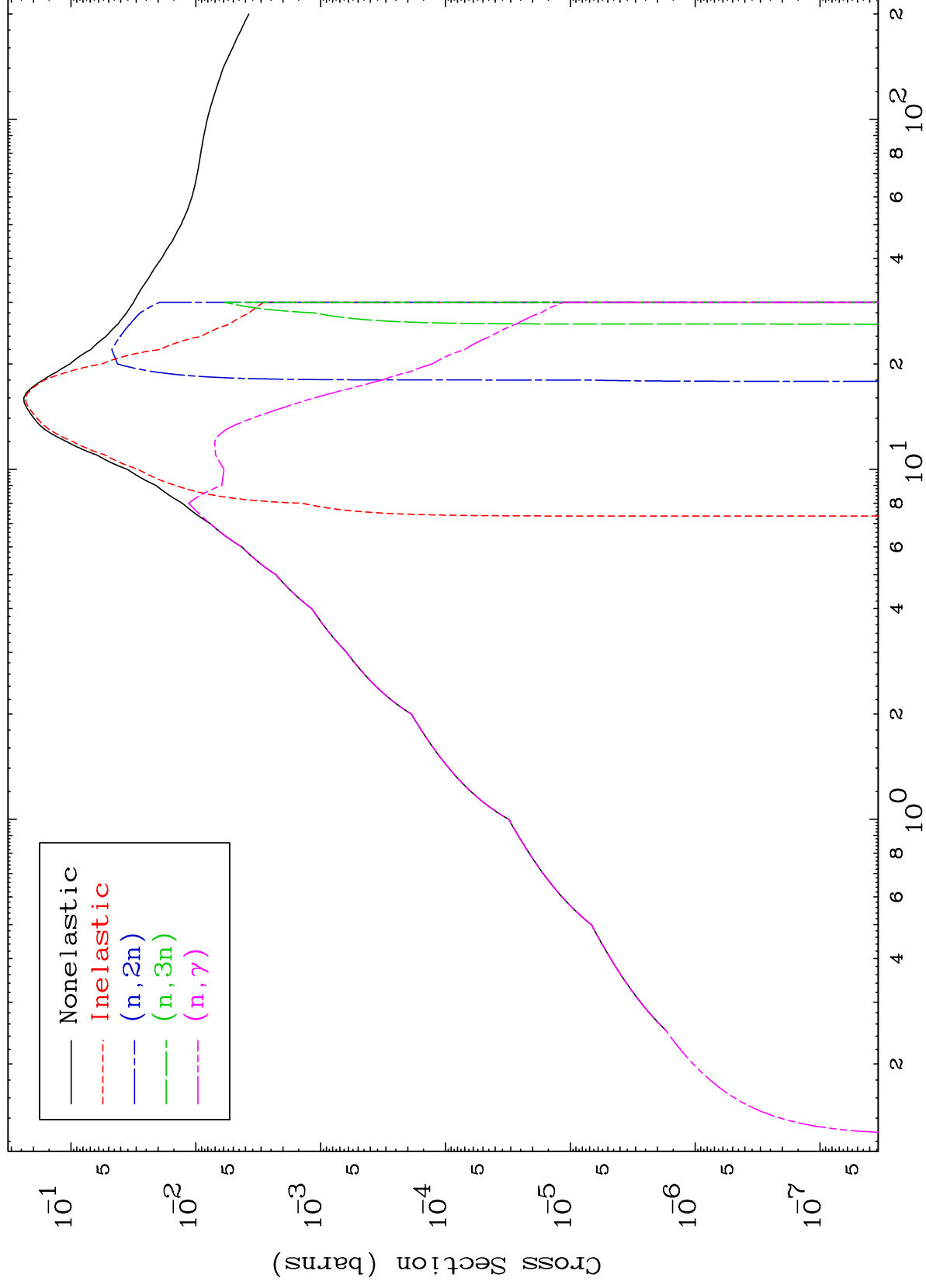
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5429

Photon Major
0 Kelvin Cross Sections

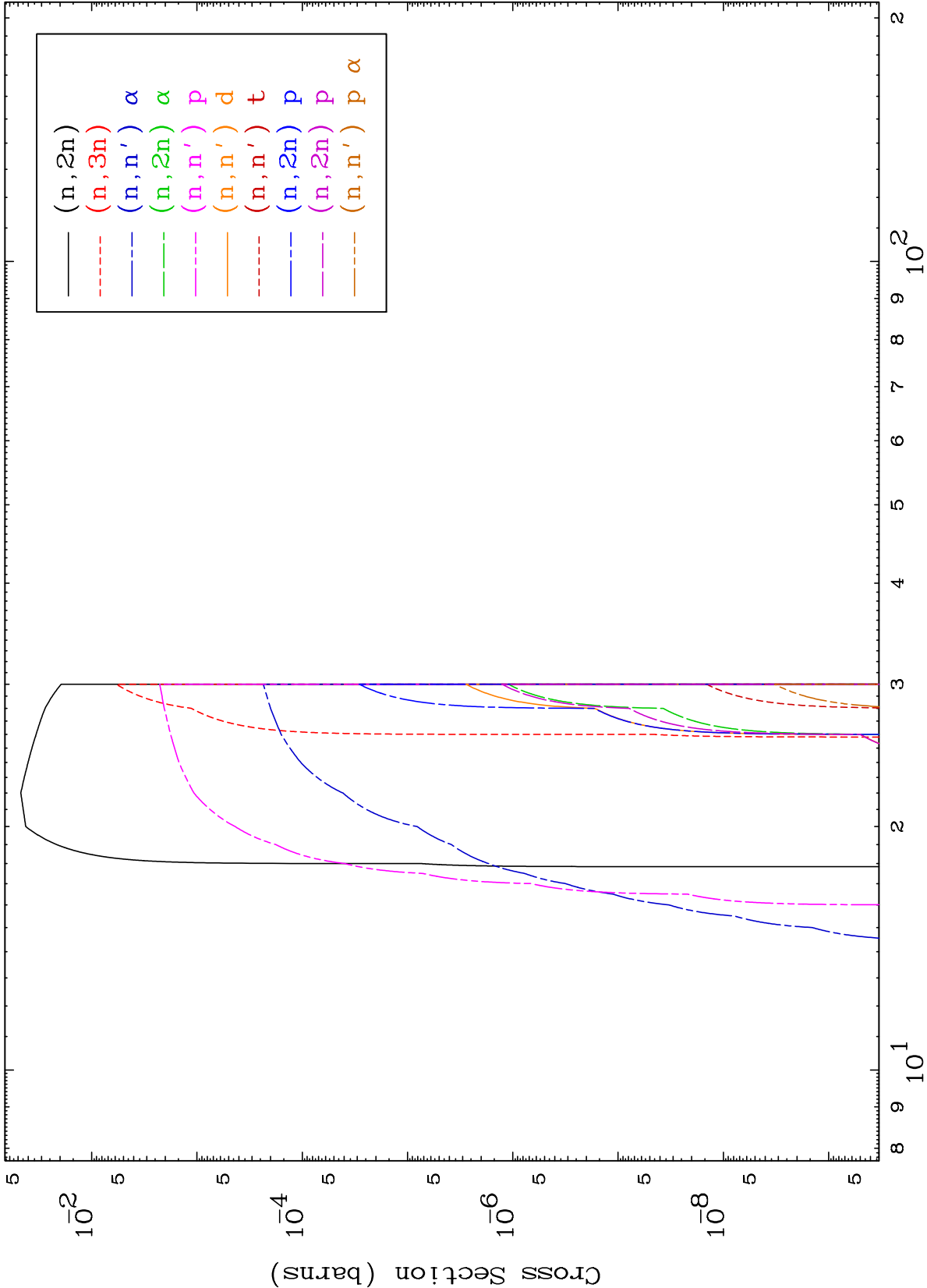
54-Xe-125m

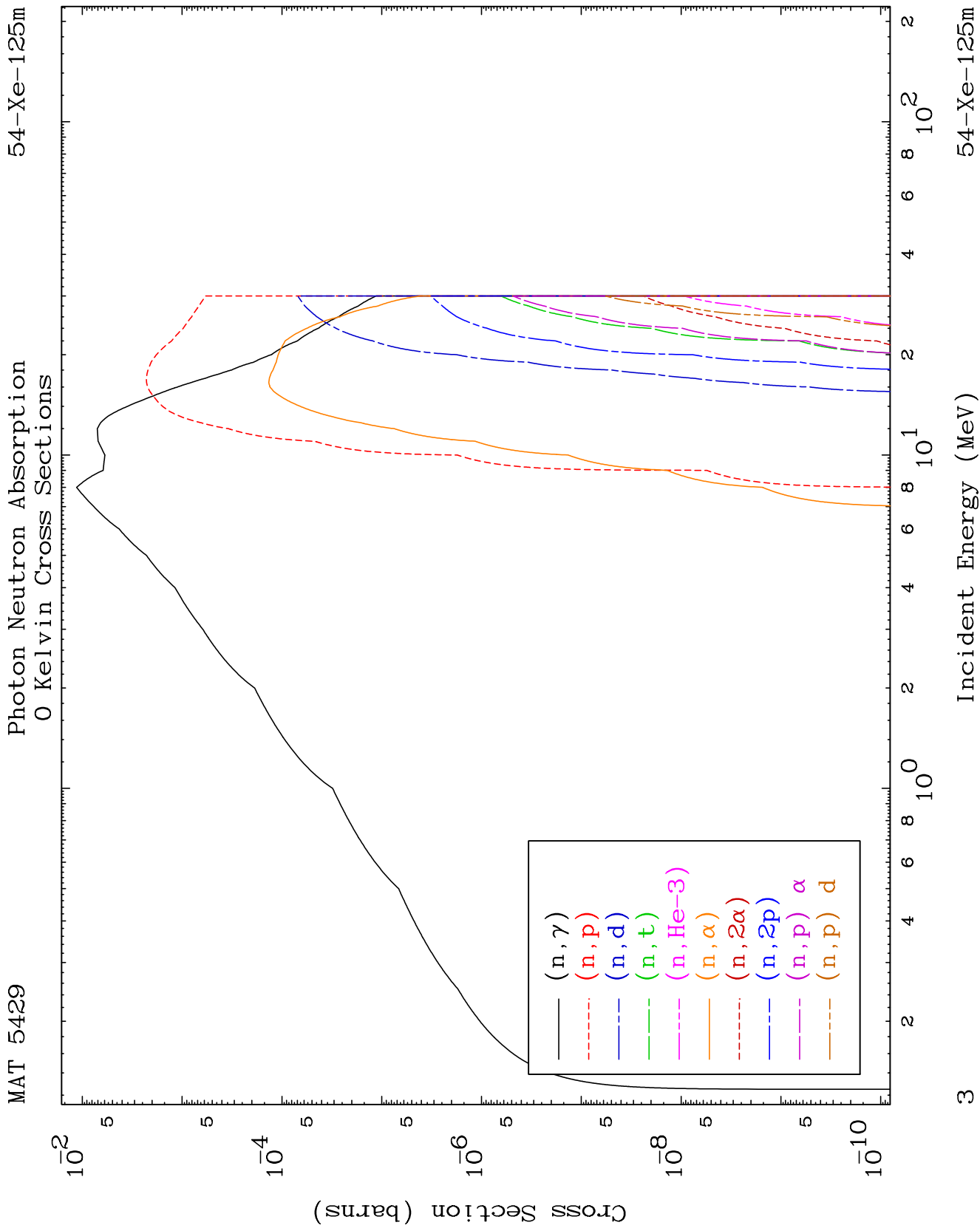


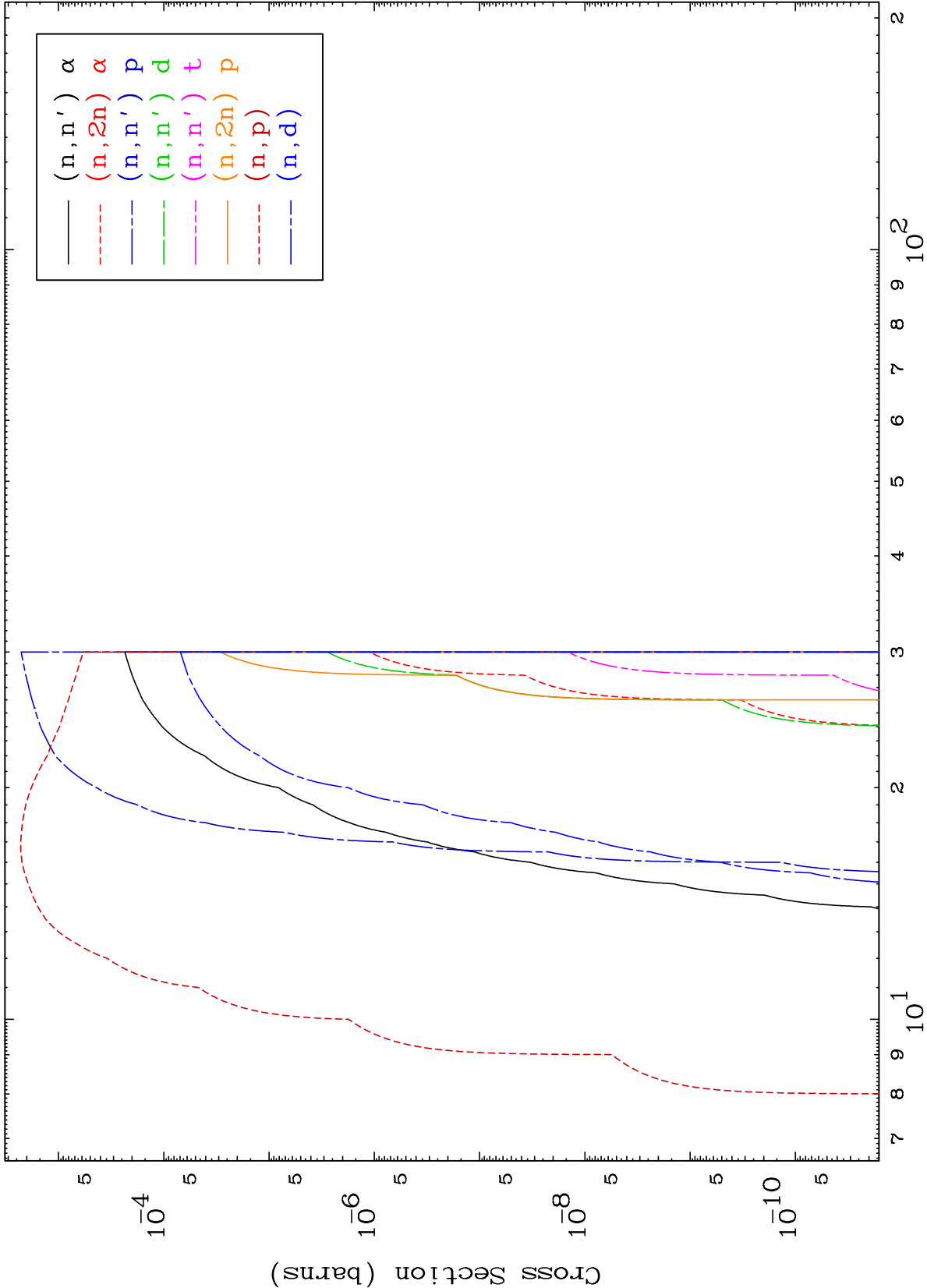
1

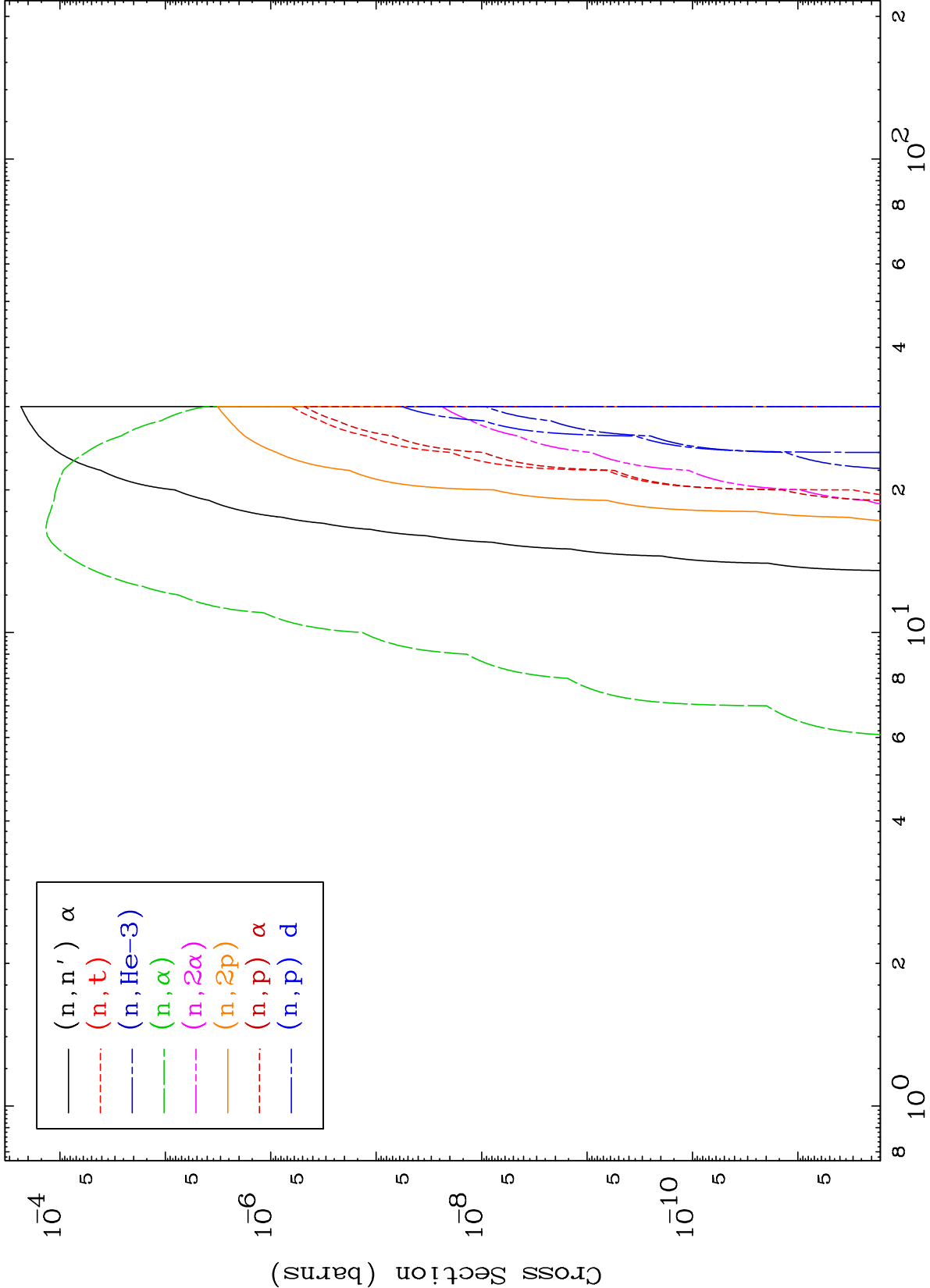
Incident Energy (MeV)

54-Xe-125m





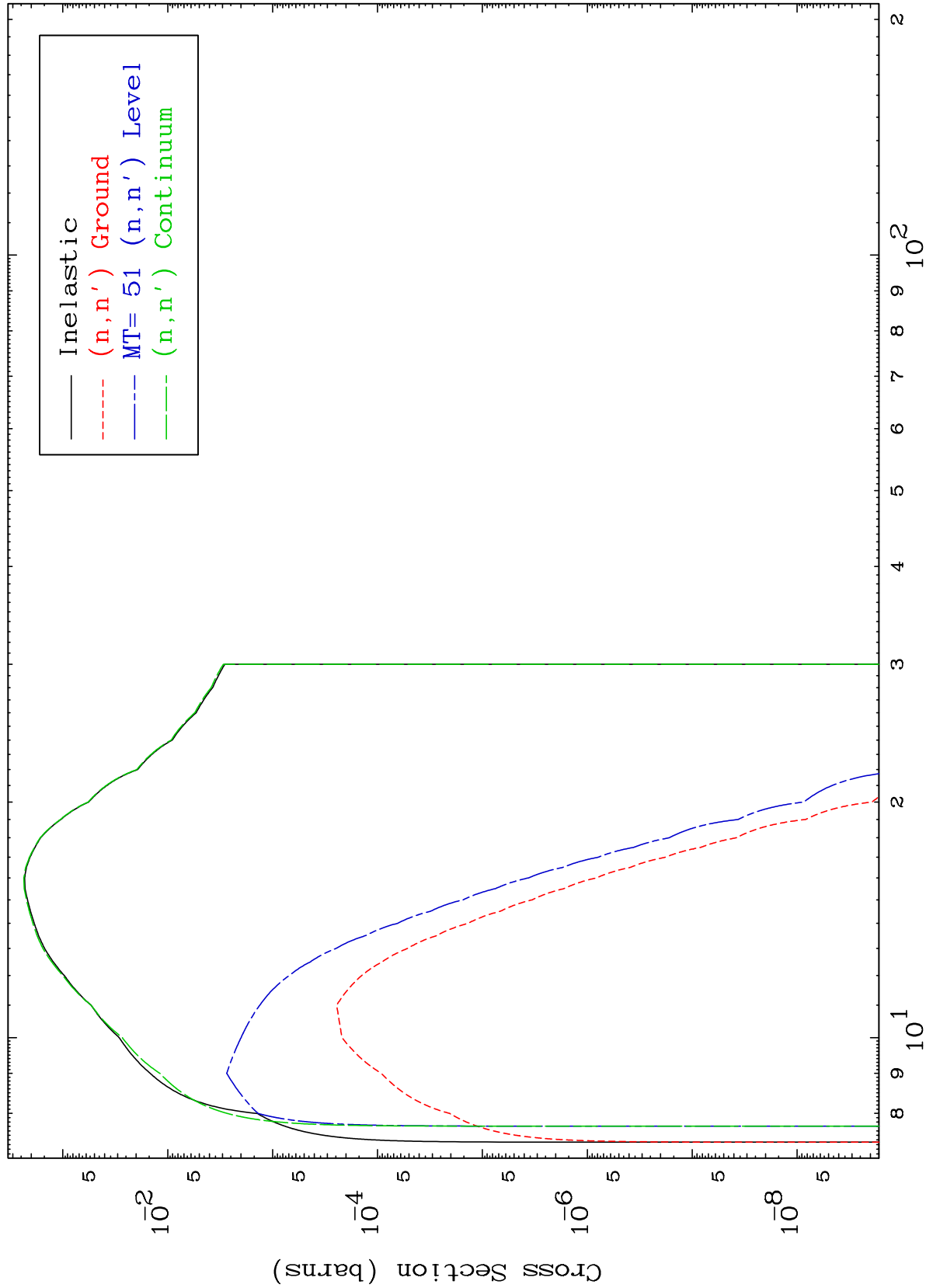




MAT 5429

54-Xe-125m

(γ, n') Levels
0 Kelvin Cross Sections

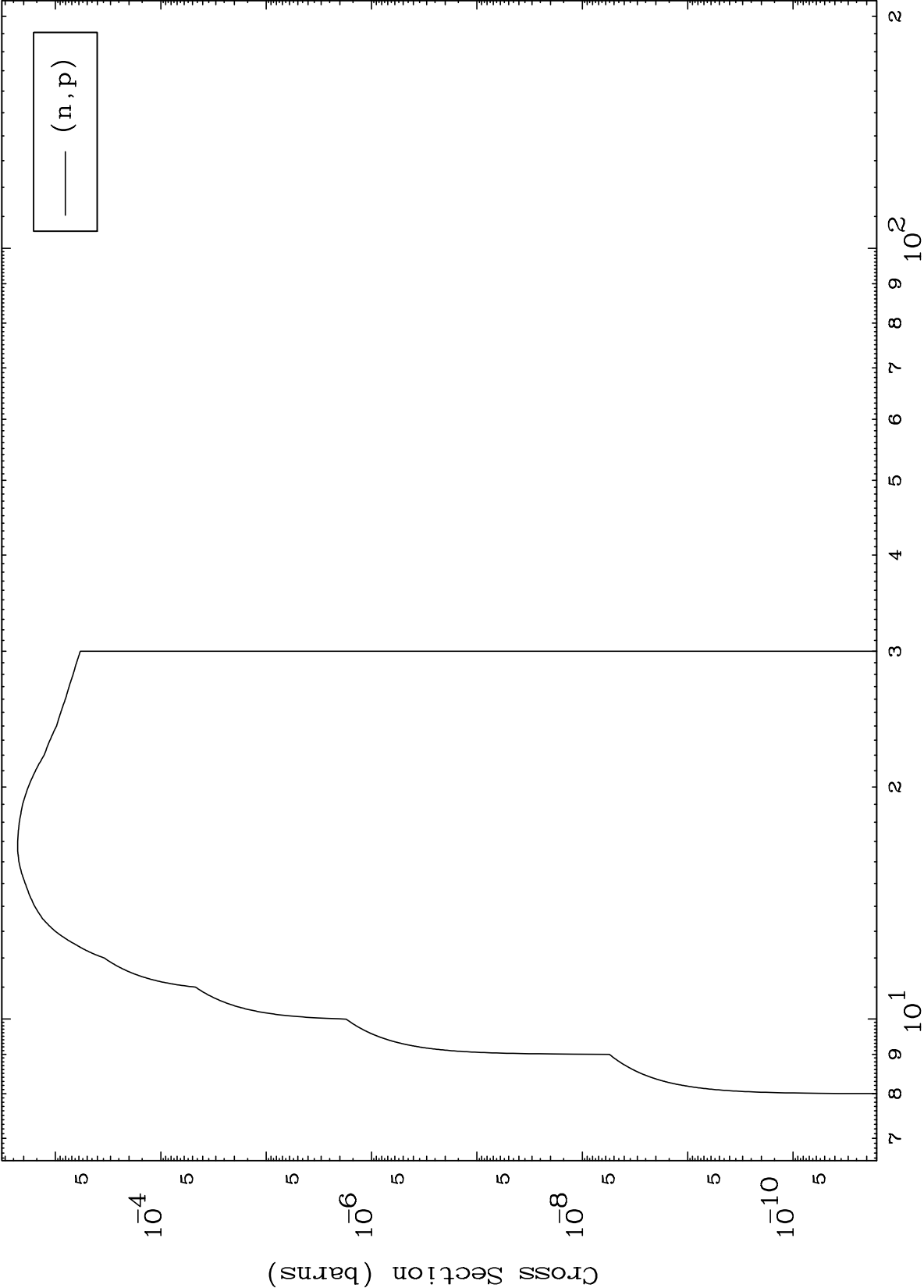


54-Xe-125m

Incident Energy (MeV)

6

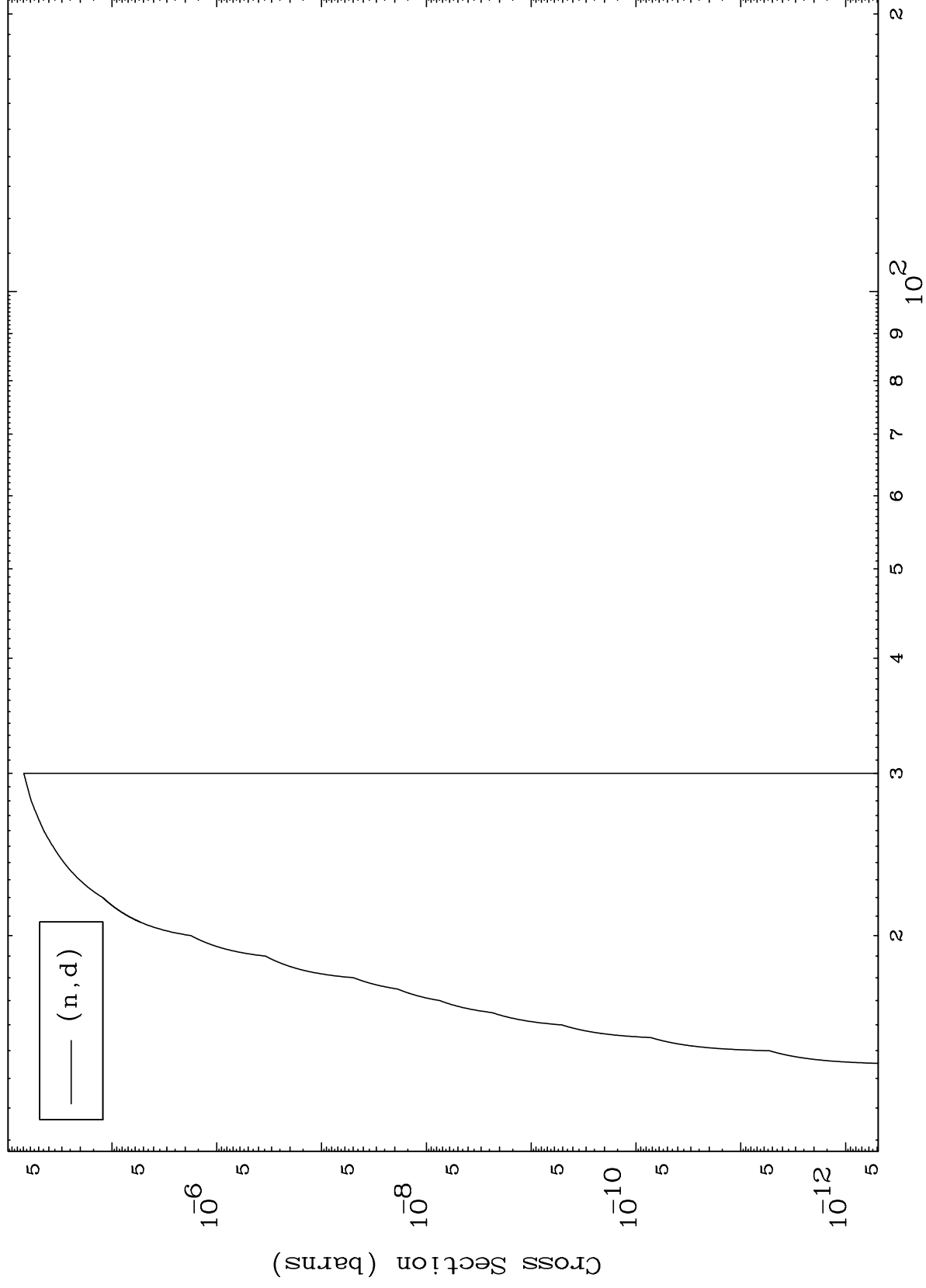
(γ, p) Levels
0 Kelvin Cross Sections



MAT 5429

(γ, d) Levels
0 Kelvin Cross Sections

54-Xe-125m

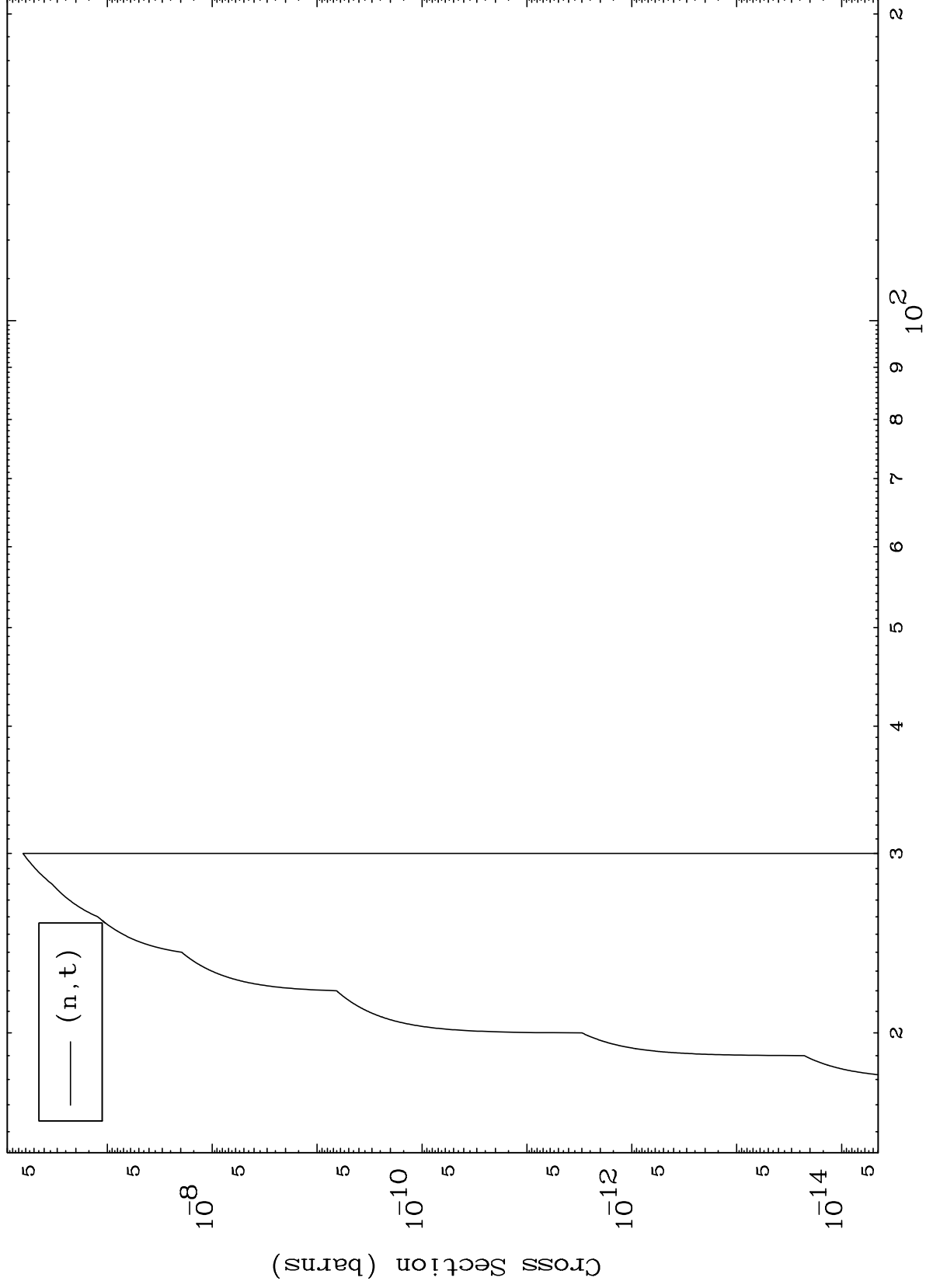


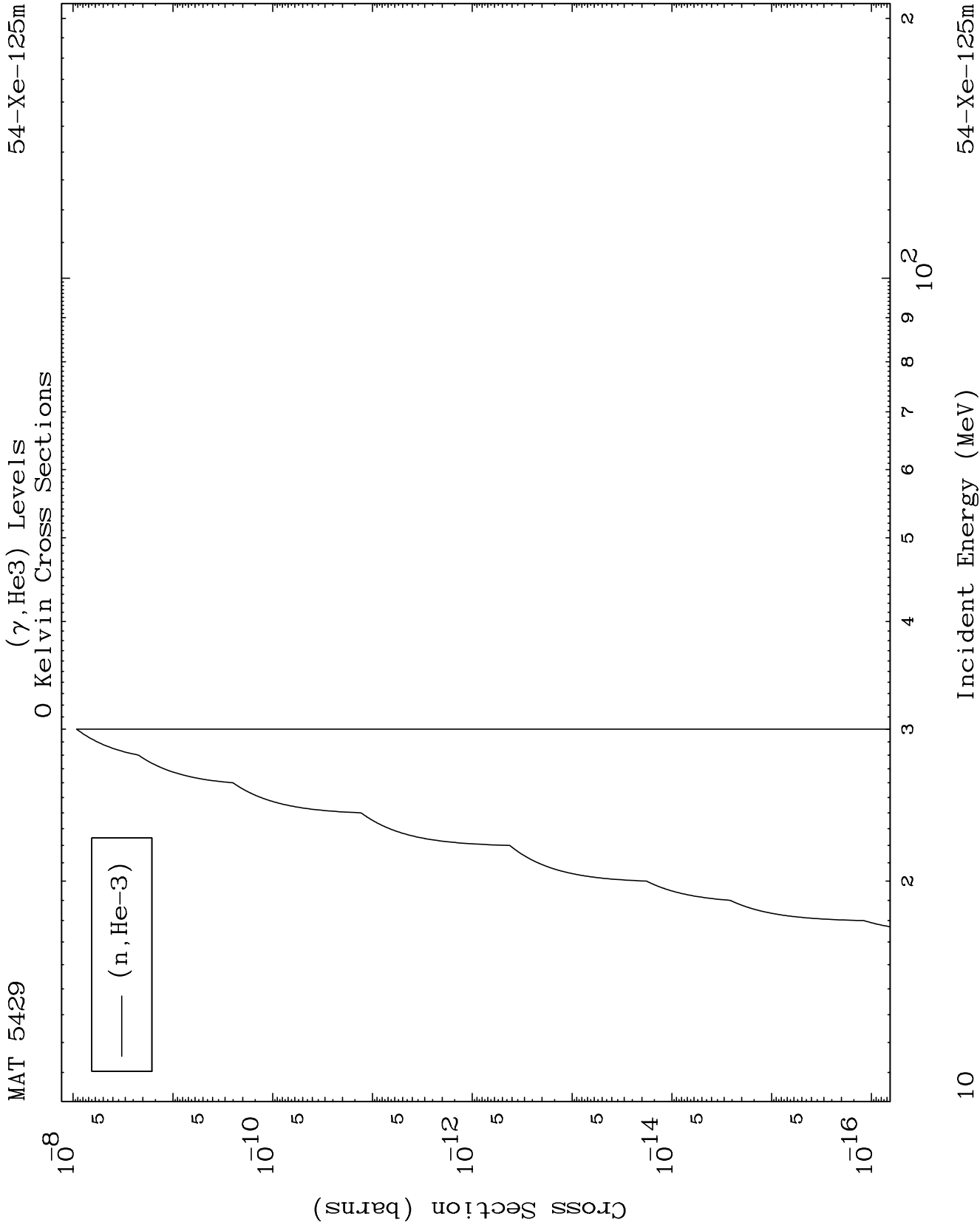
8

Incident Energy (MeV)

54-Xe-125m

(γ, t) Levels
0 Kelvin Cross Sections

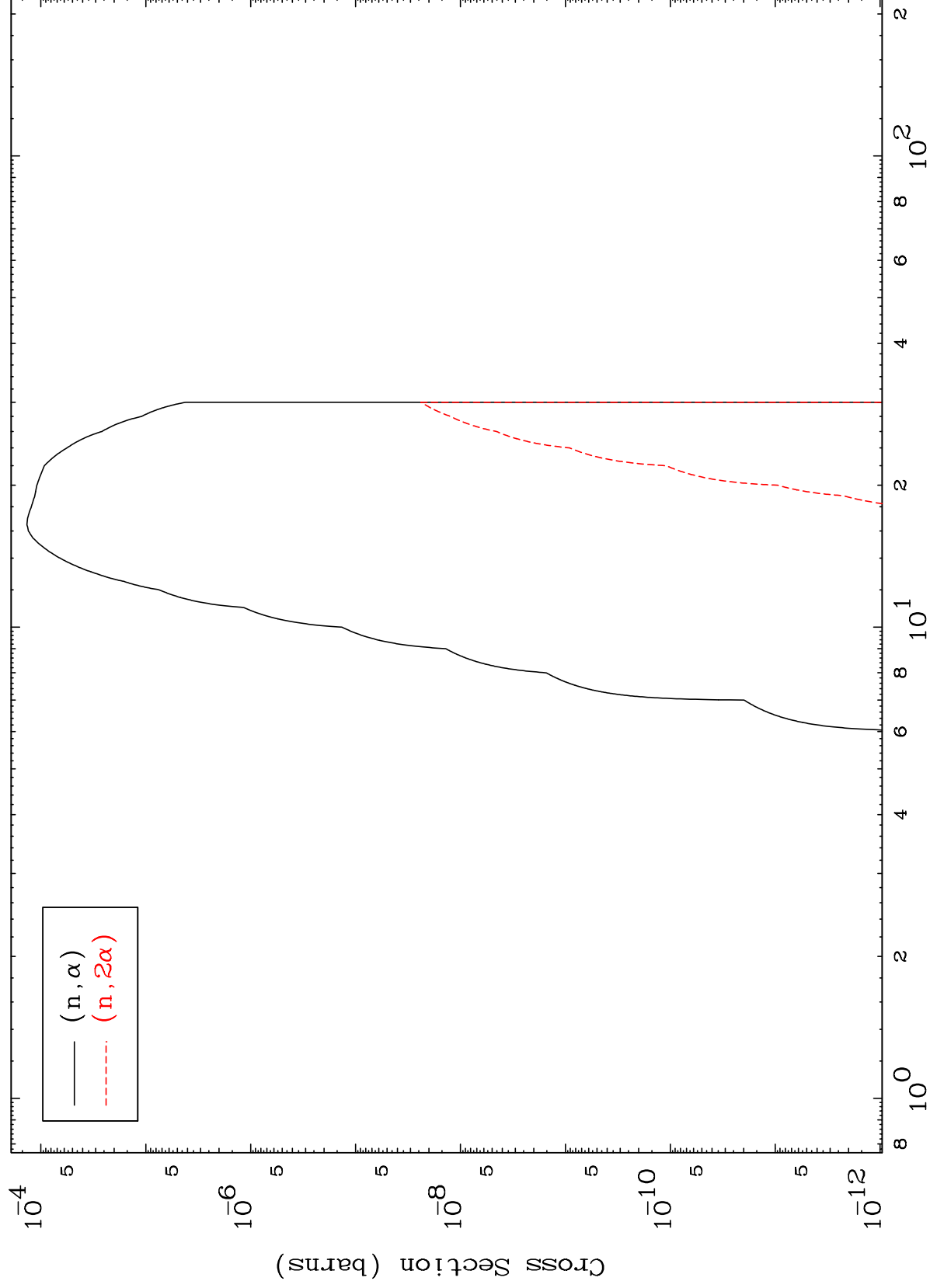




MAT 5429

54-Xe-125m

(γ, α) Levels
0 Kelvin Cross Sections



54-Xe-125m

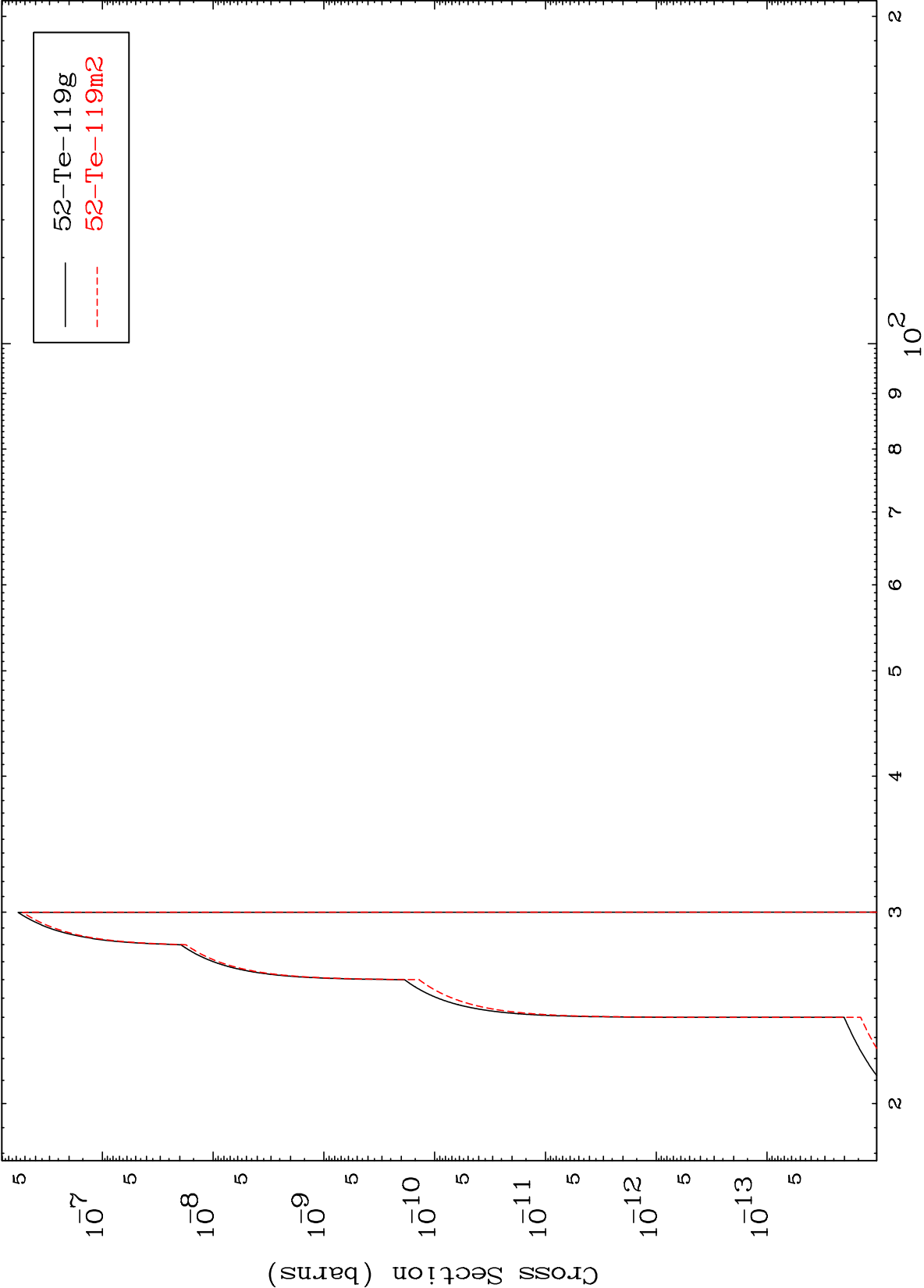
Incident Energy (MeV)

11

MAT 5429

54-Xe-125m

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



12

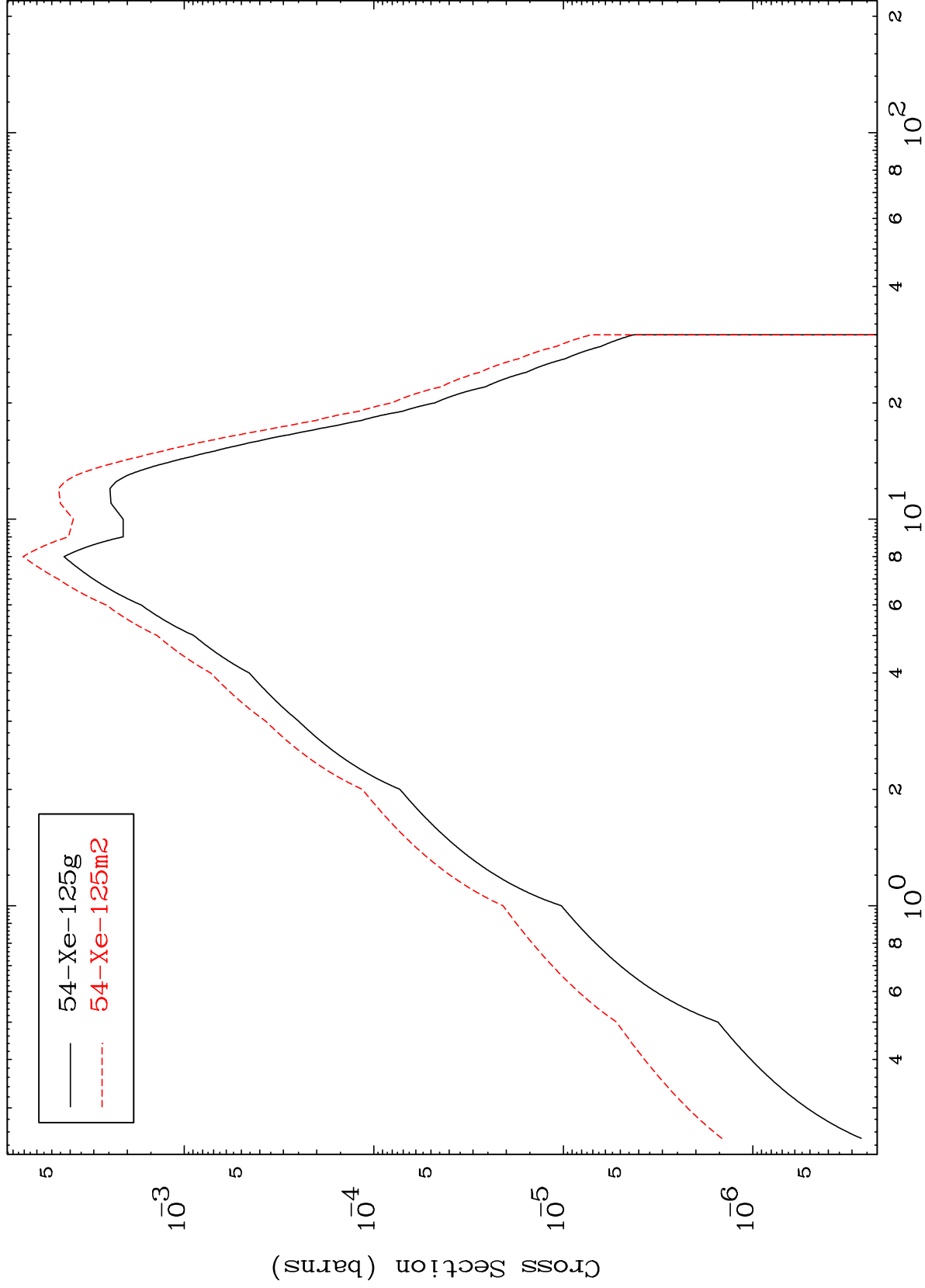
Incident Energy (MeV)

54-Xe-125m

MAT 5429

54-Xe-125m

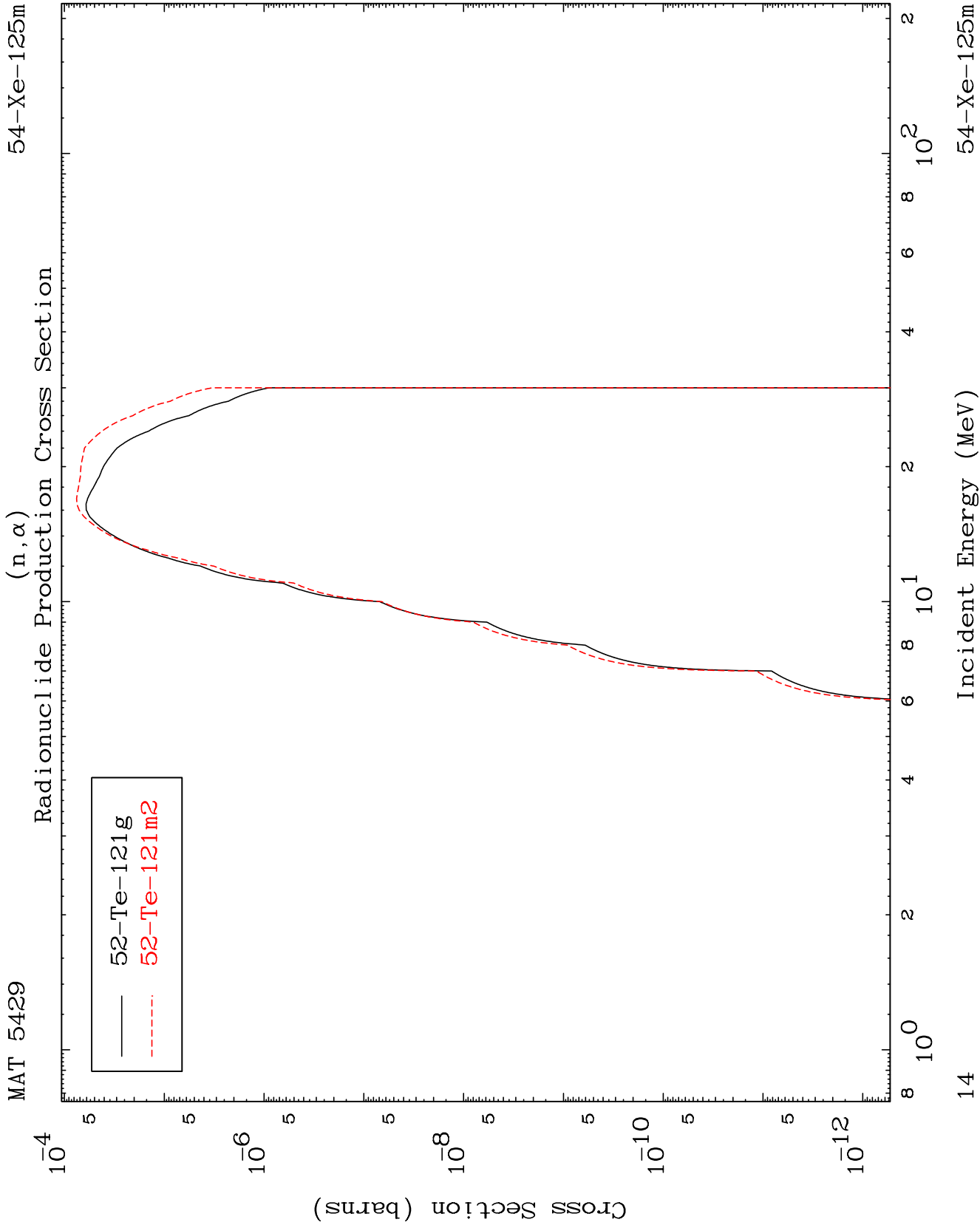
(n, γ)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

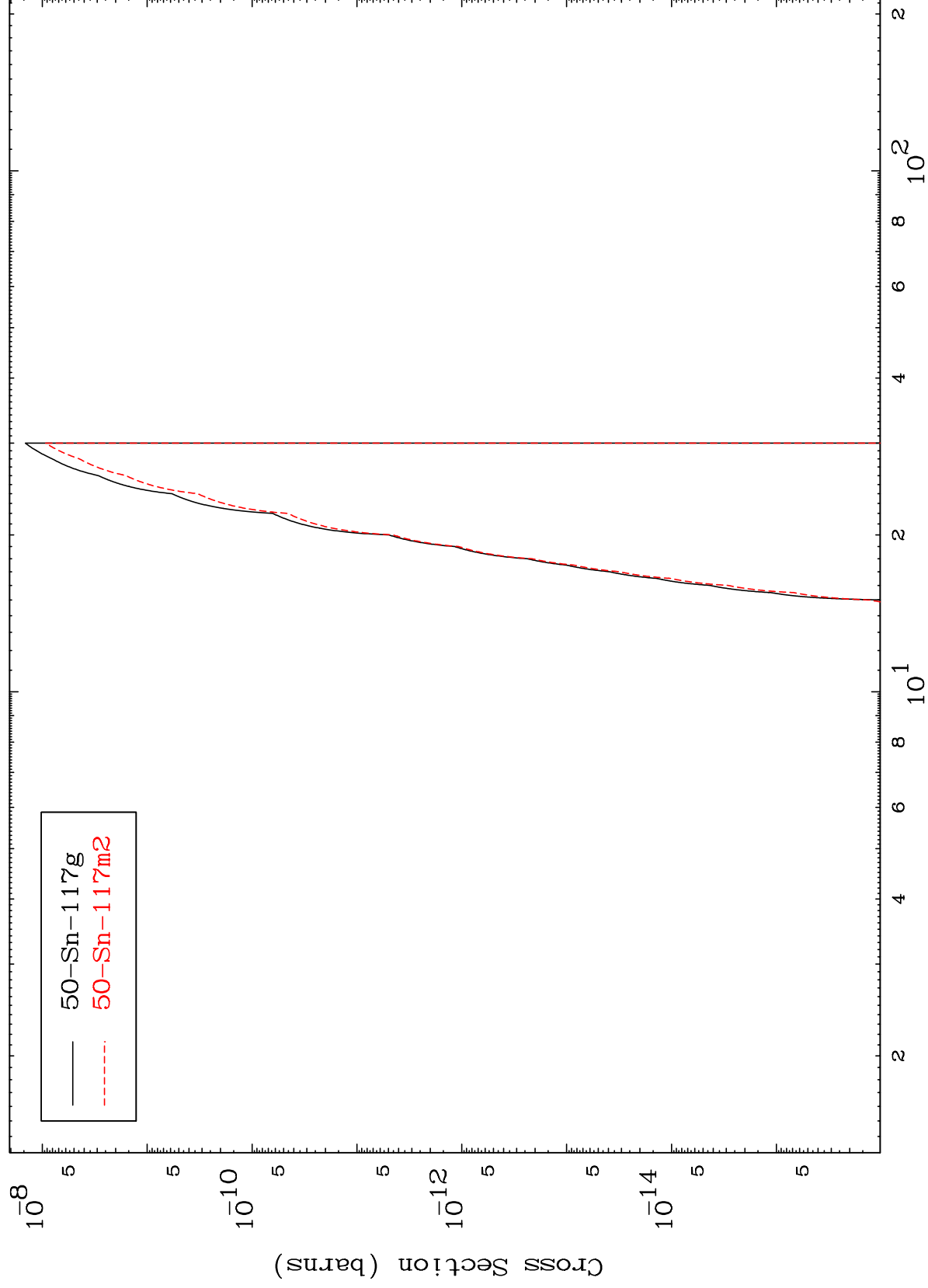
54-Xe-125m



MAT 5429

54-Xe-125m

Radionuclide Production Cross Section
(n,2α)

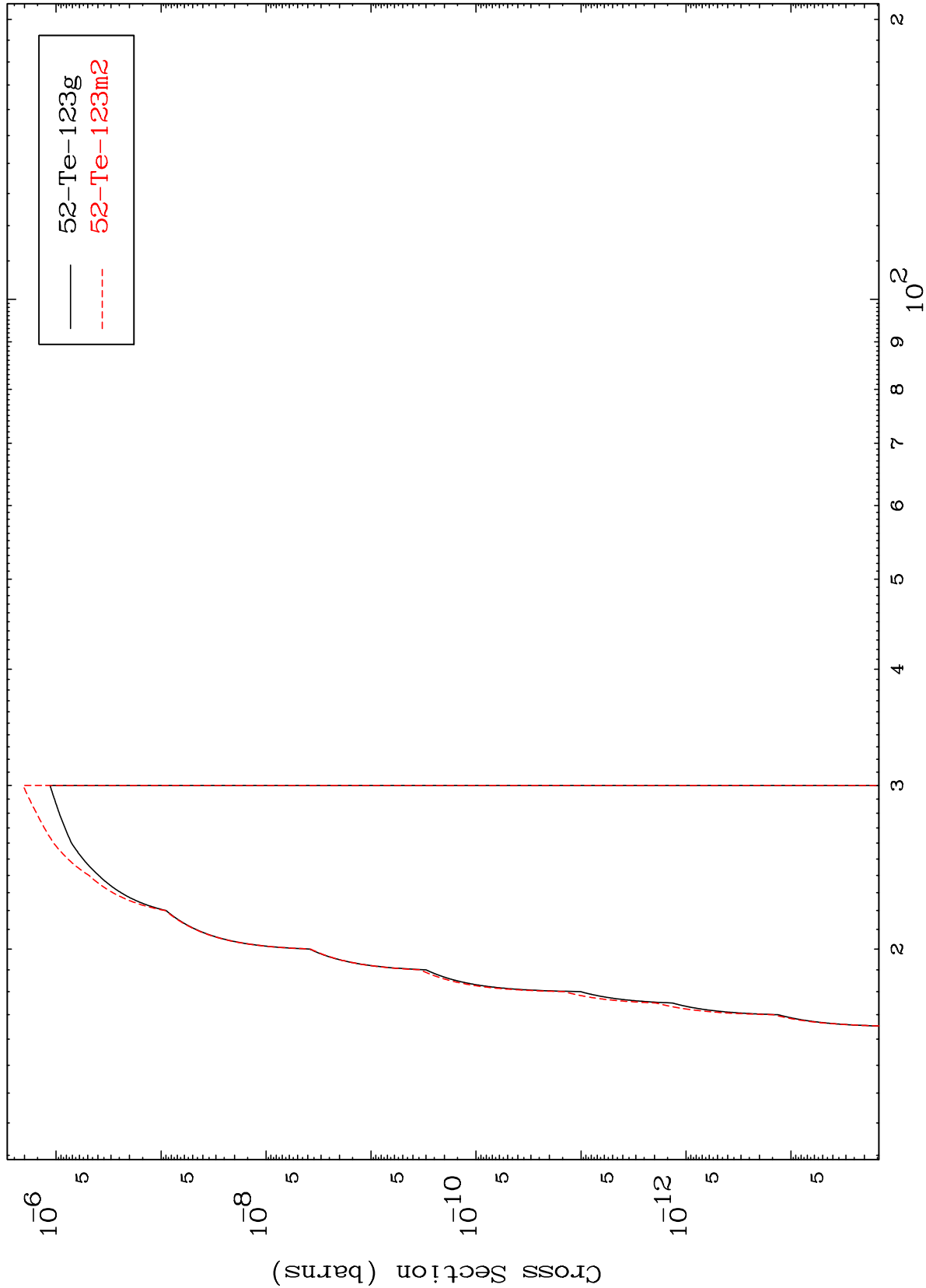


15

Incident Energy (MeV)

54-Xe-125m

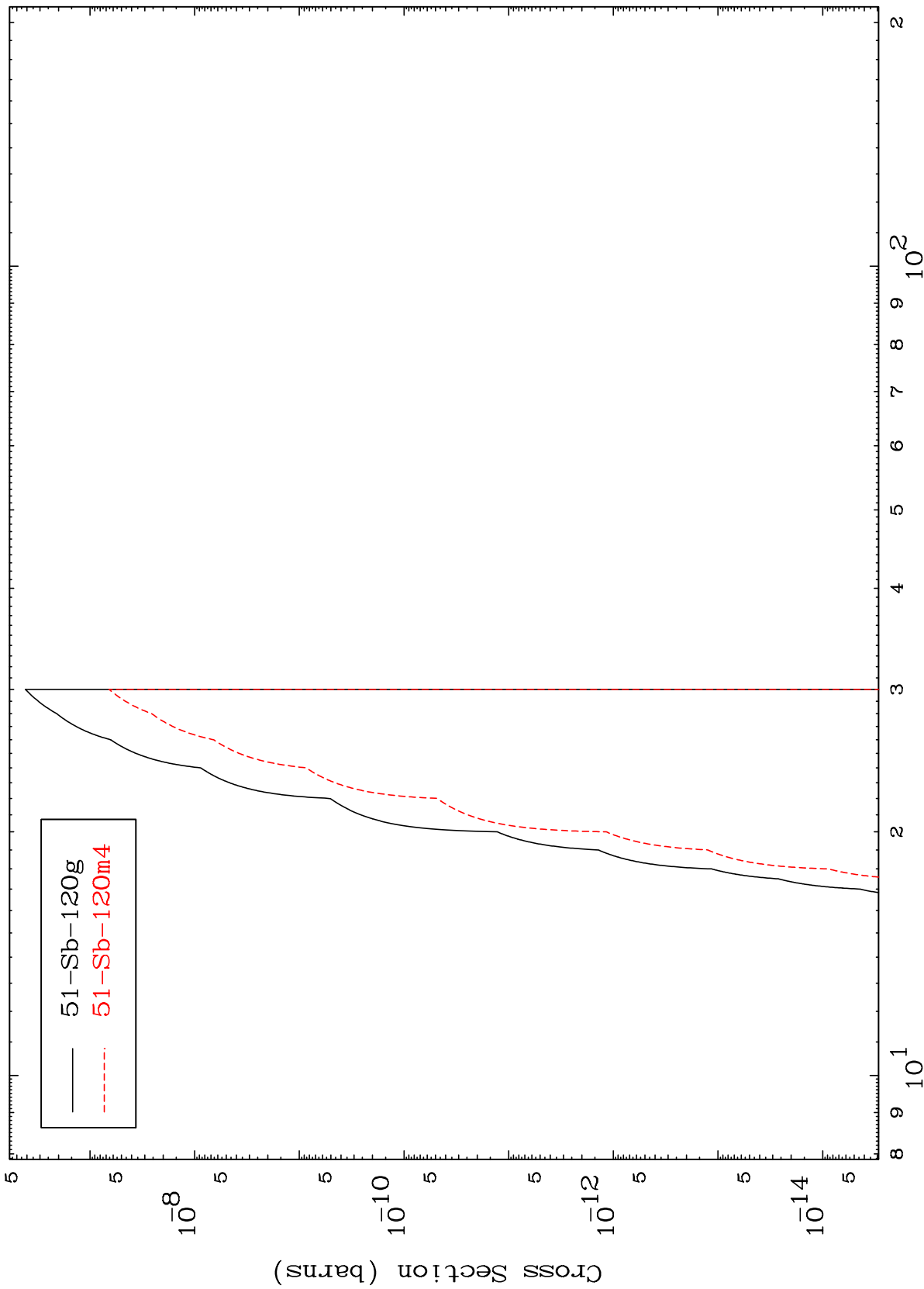
(n,2p)
Radionuclide Production Cross Section



MAT 5429

54-Xe-125m

(n,p) α
Radionuclide Production Cross Section



54-Xe-125m

Incident Energy (MeV)

17