

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

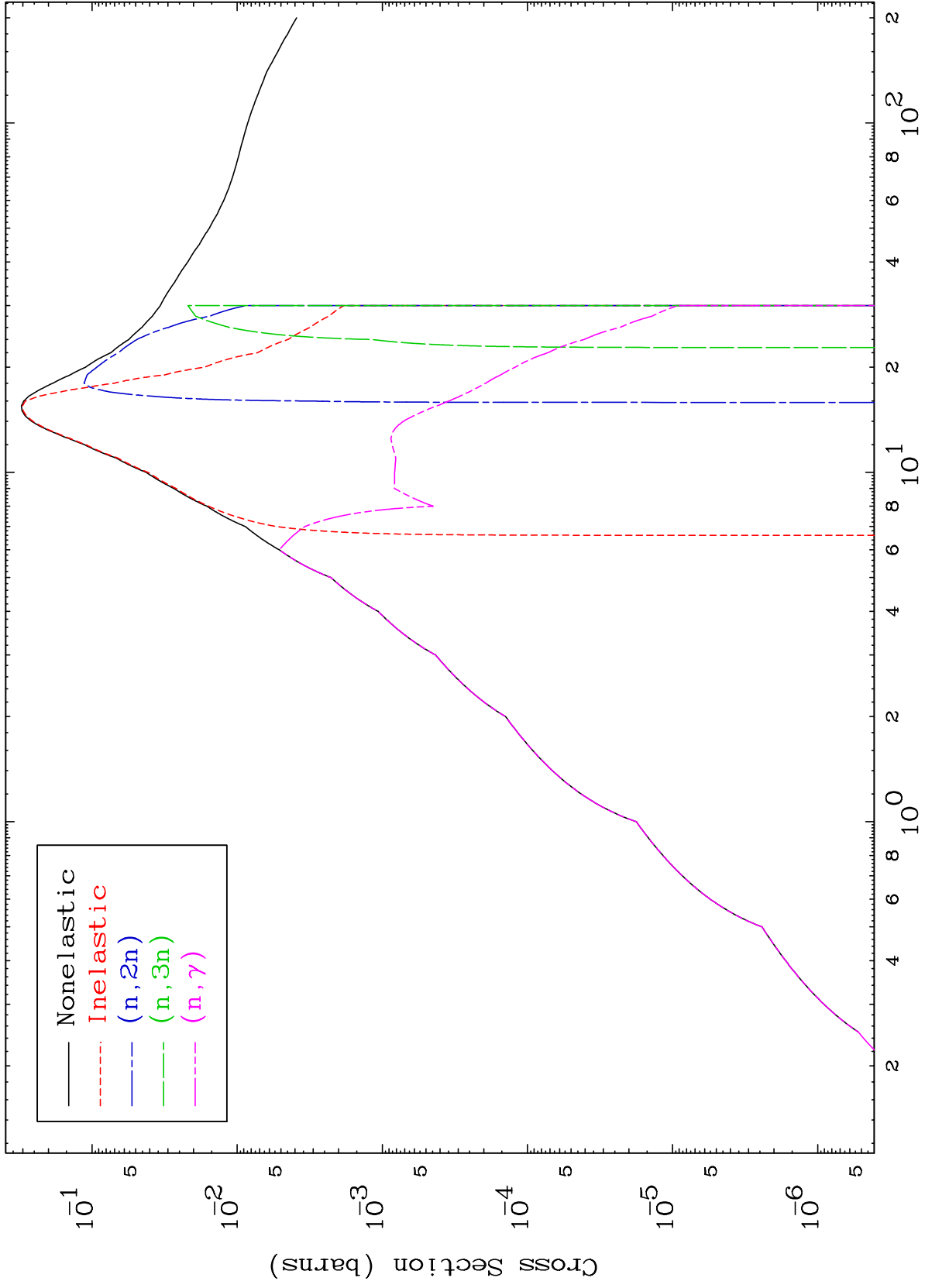
Press Mouse Button to Start

MAT 5446

Photon Major

54-Xe-131

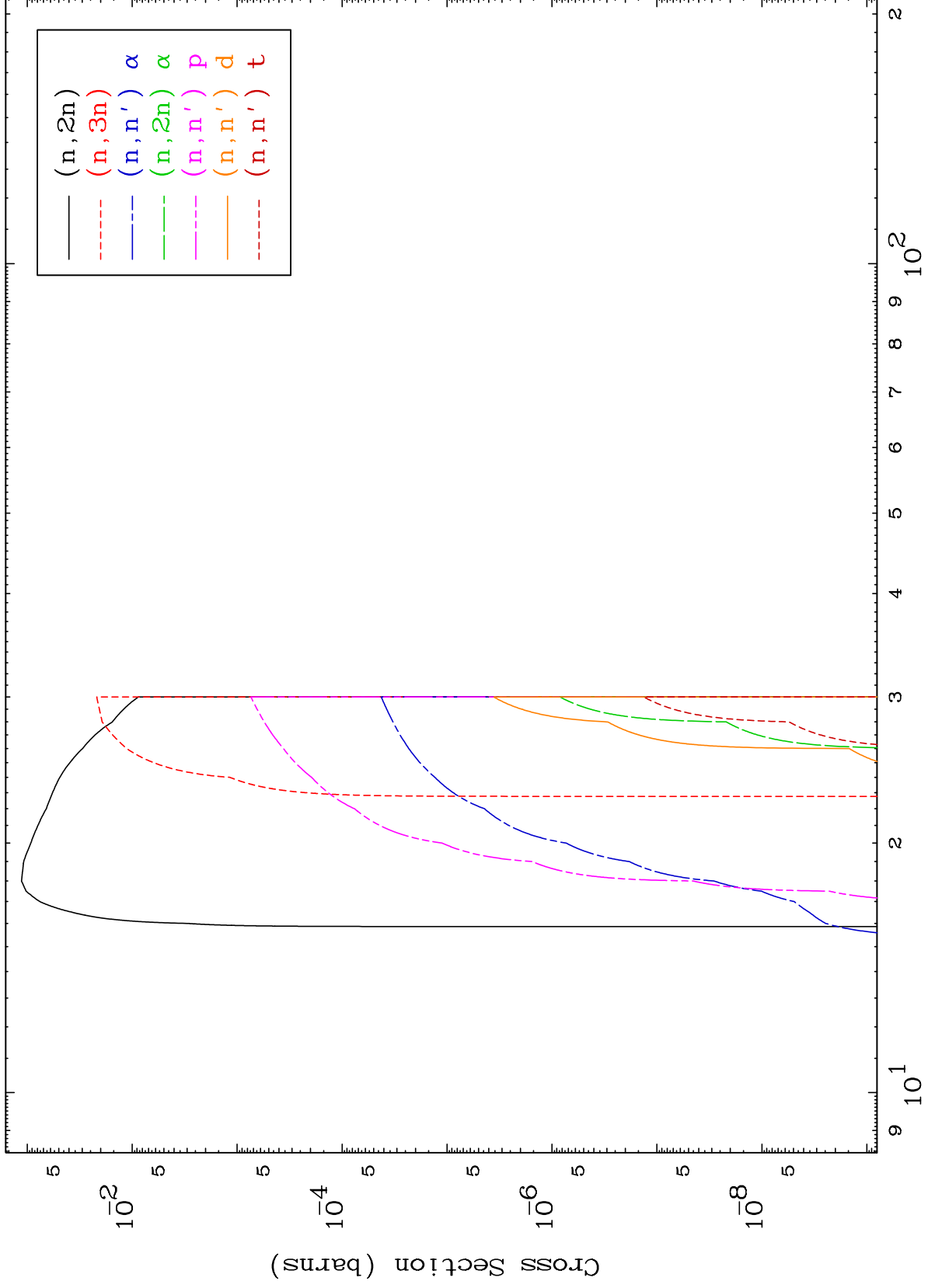
0 Kelvin Cross Sections



MAT 5446

Photon Neutron Absorption
0 Kelvin Cross Sections

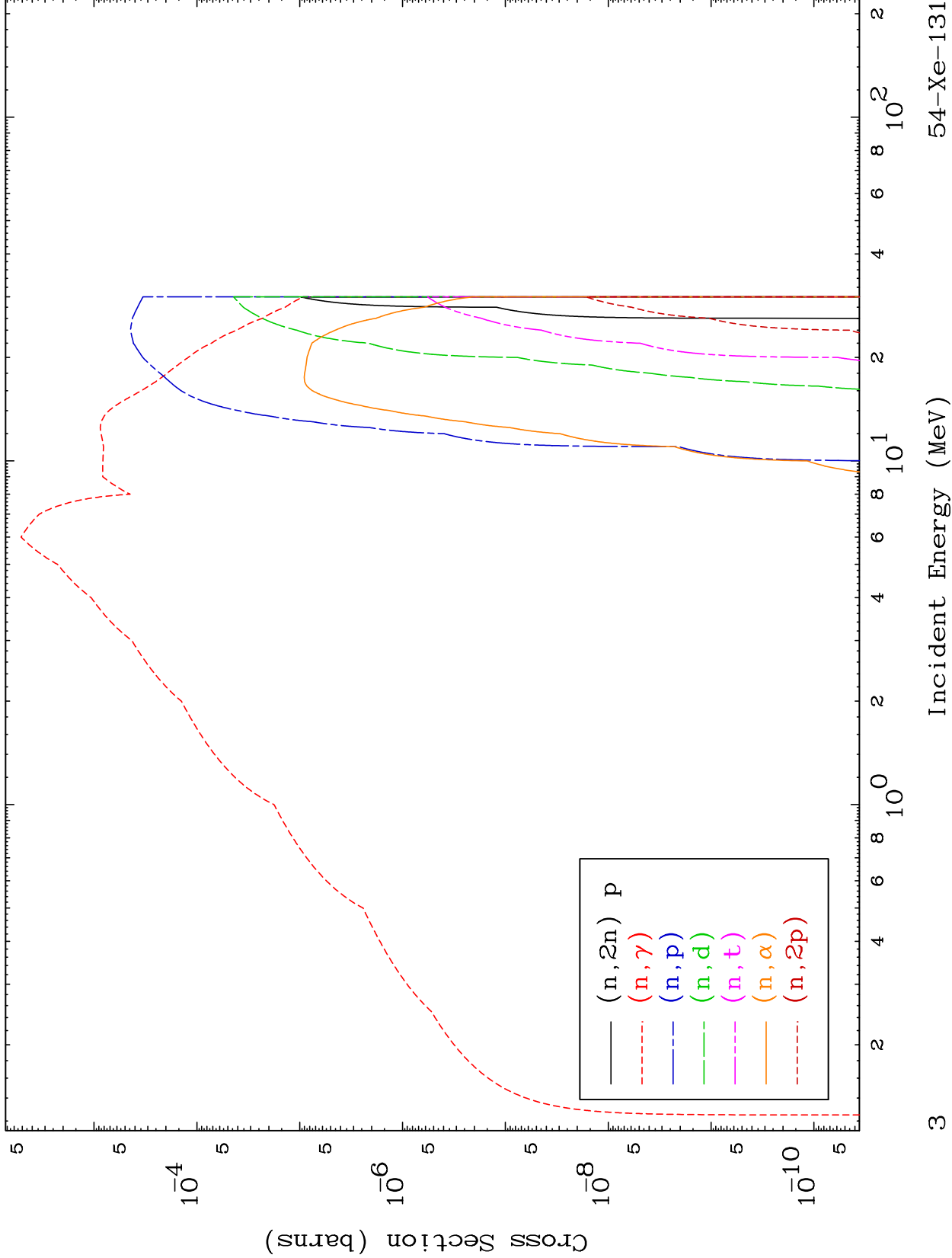
54-Xe-131

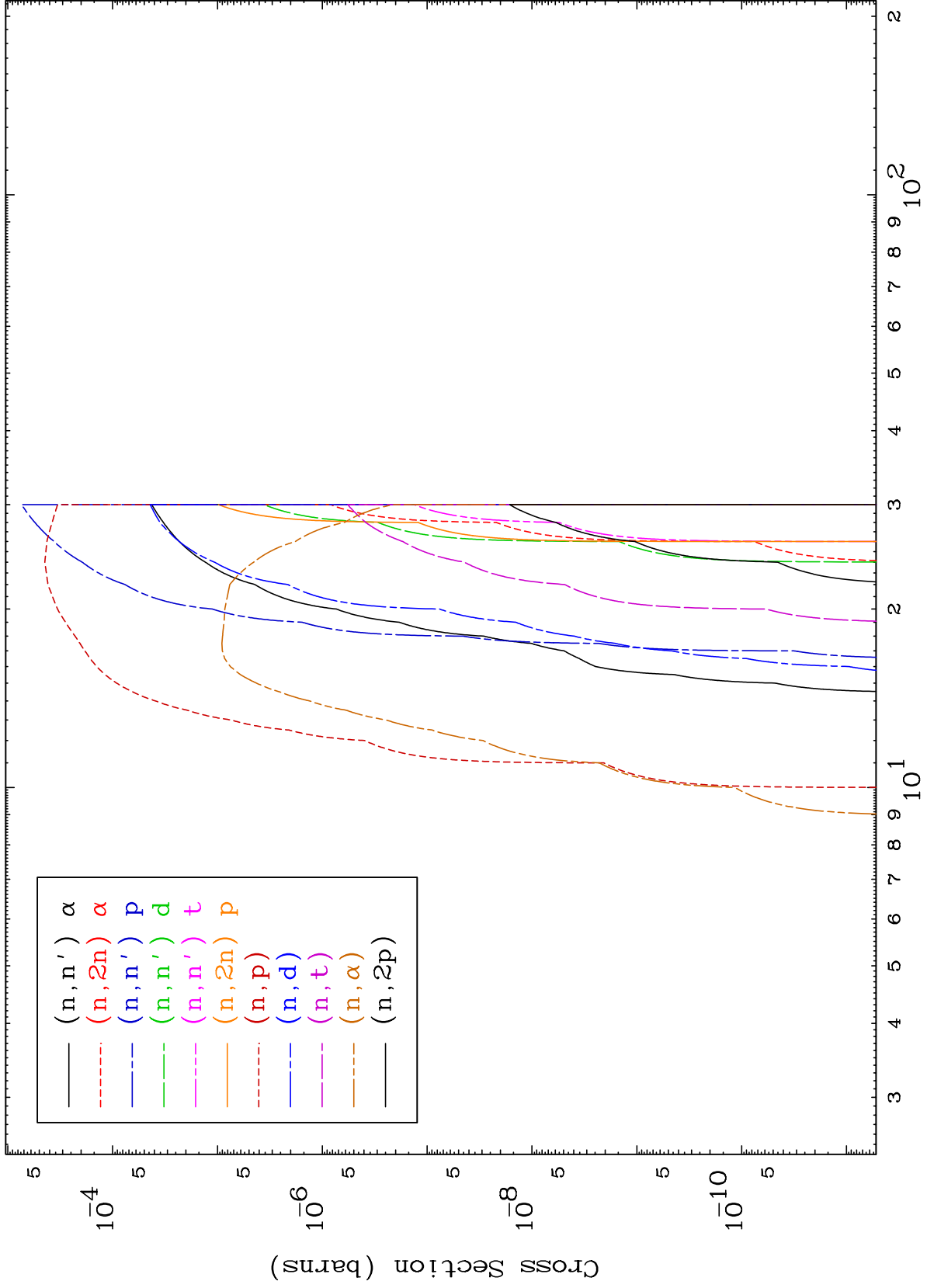


2

Incident Energy (MeV)

54-Xe-131

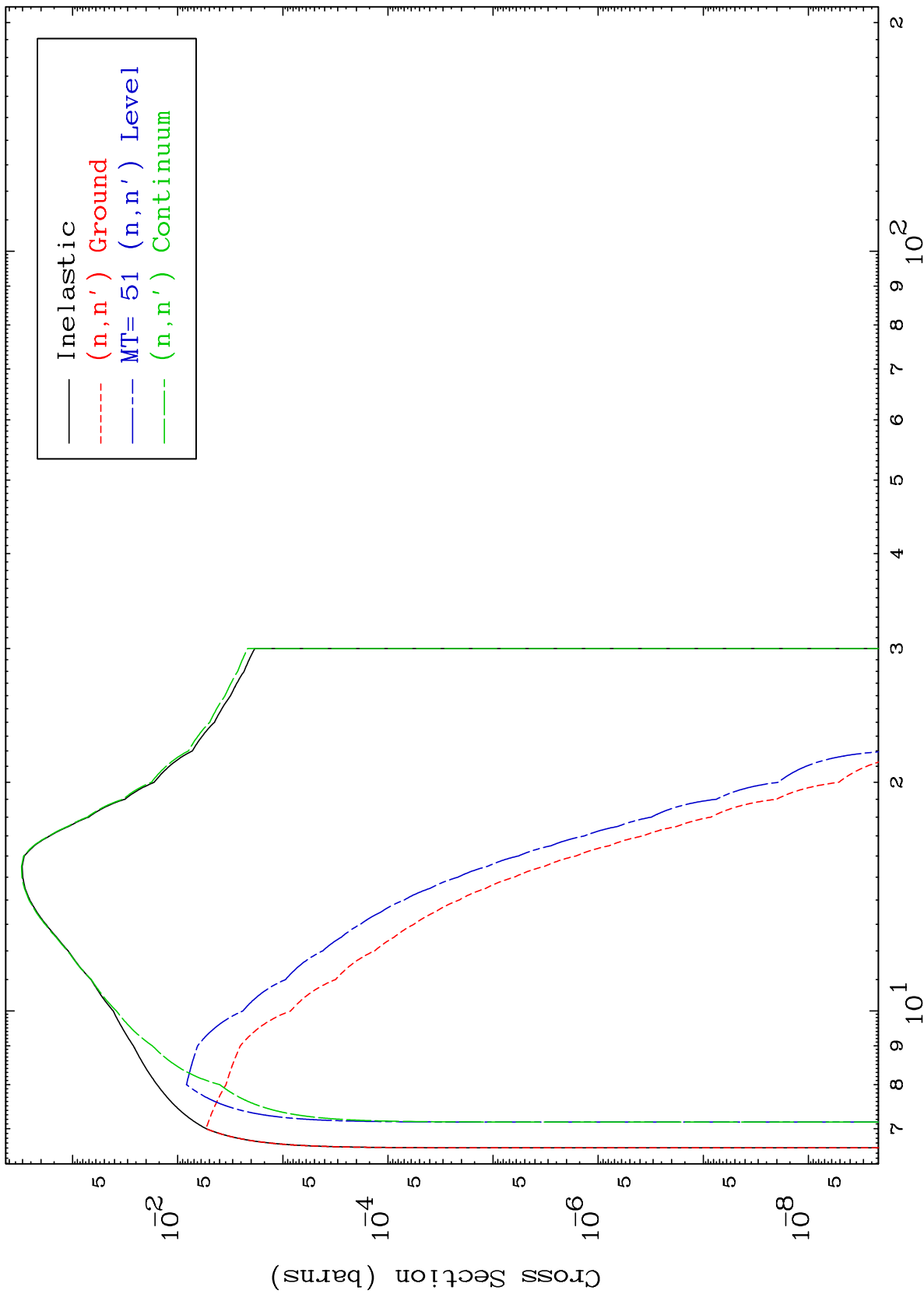




MAT 5446

54-Xe-131

(γ, n') Levels
0 Kelvin Cross Sections



54-Xe-131

Incident Energy (MeV)

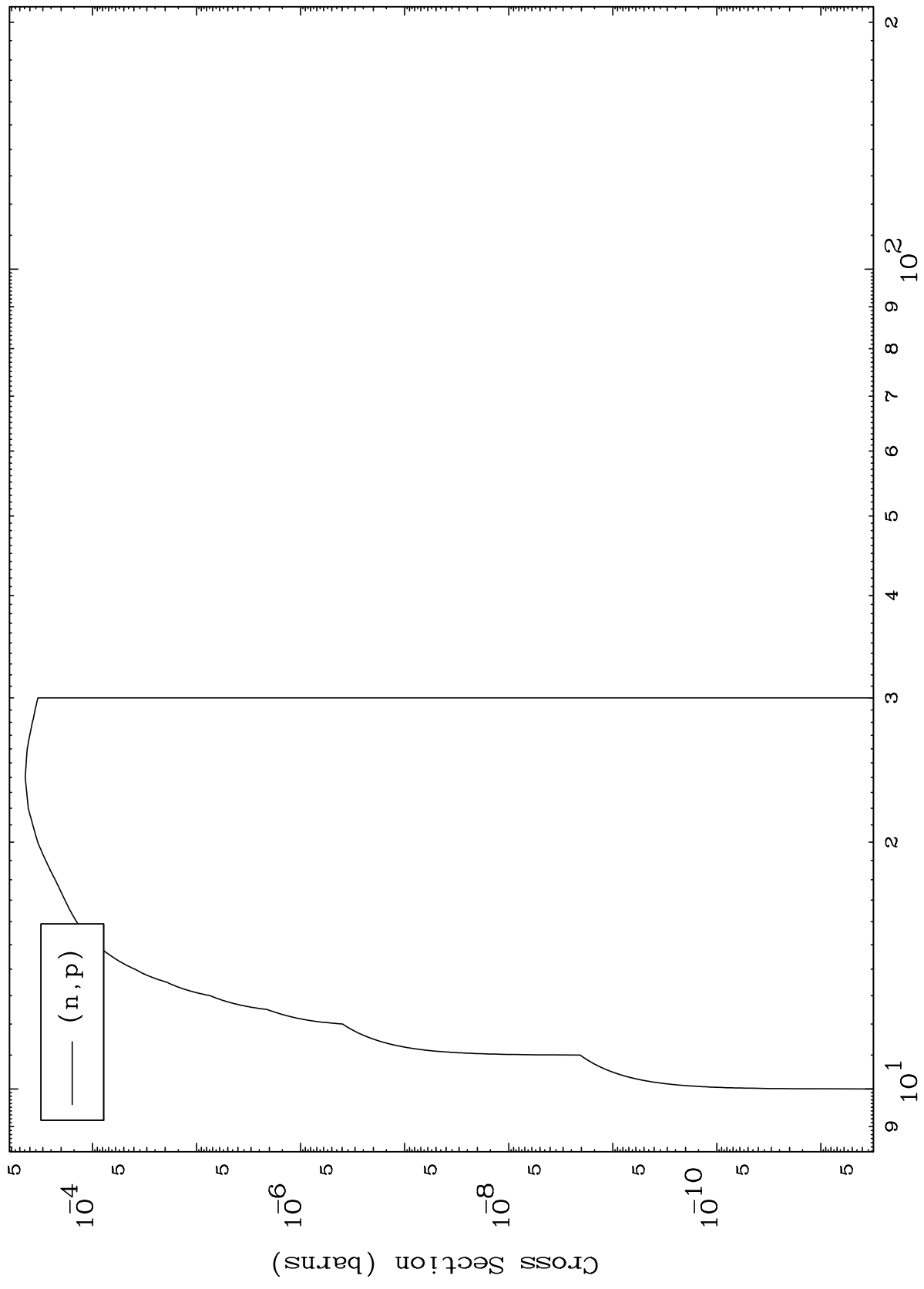
5

MAT 5446

(γ, p) Levels

54-Xe-131

0 Kelvin Cross Sections



Incident Energy (MeV)

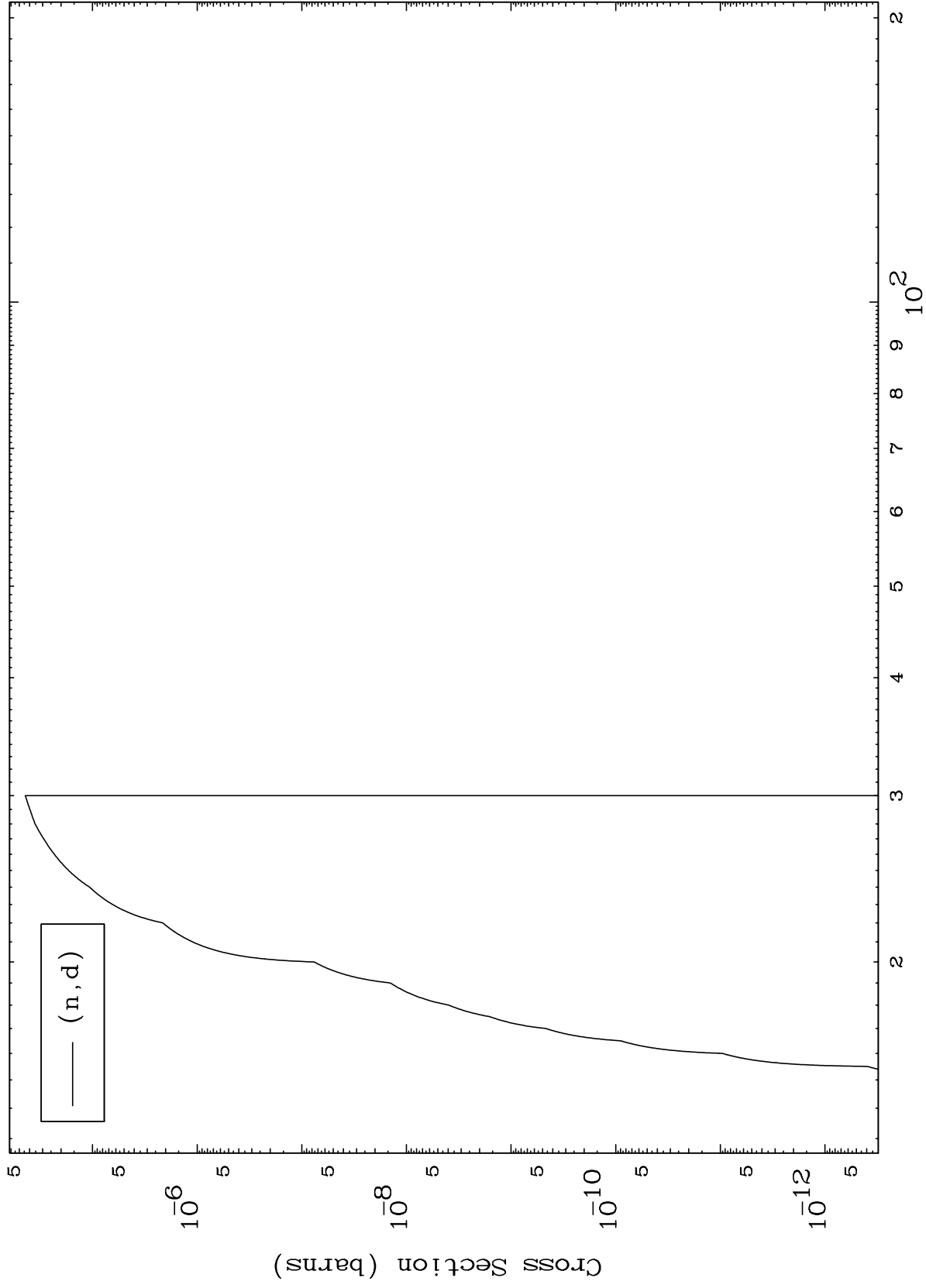
54-Xe-131

6

MAT 5446

54-Xe-131

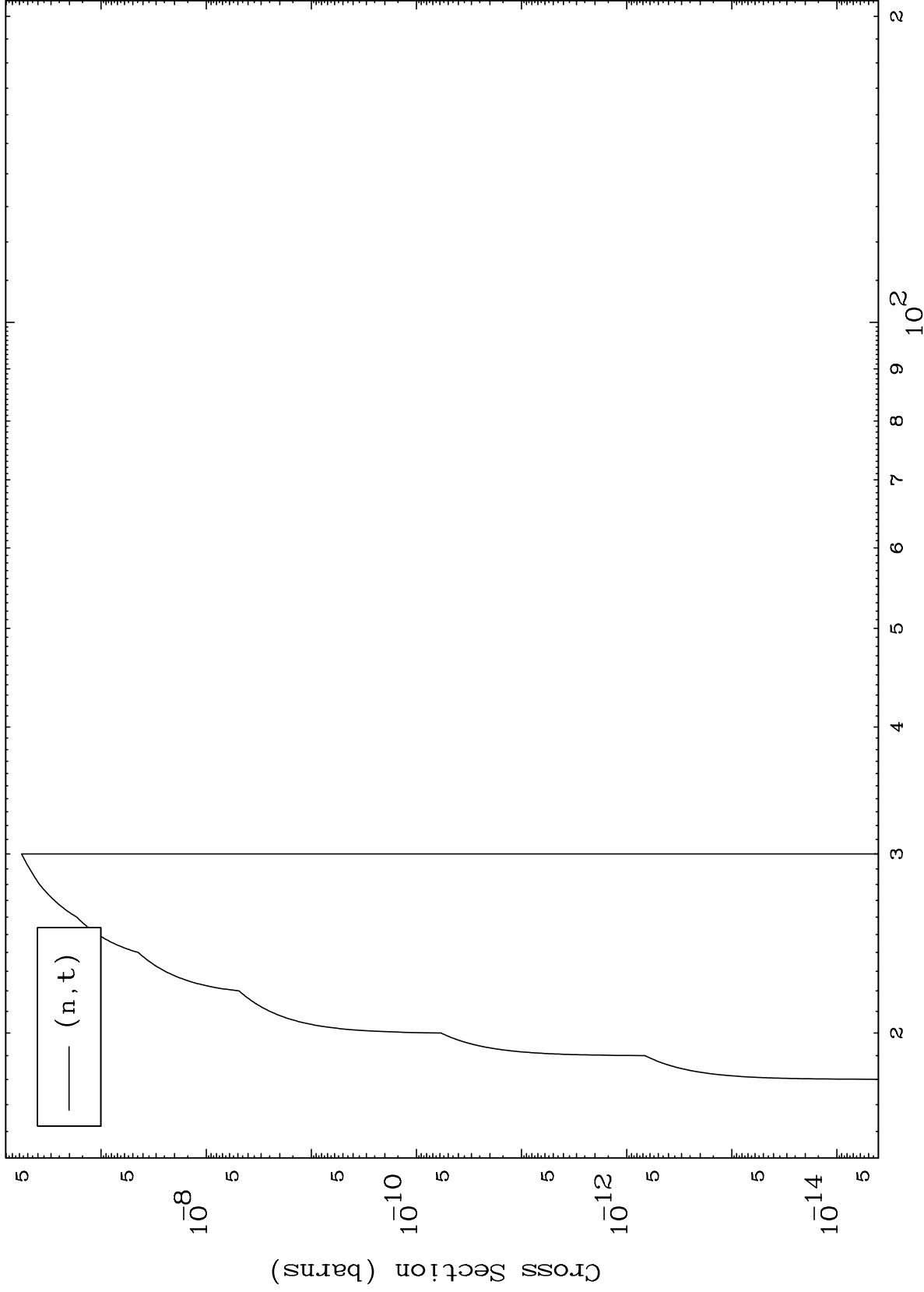
(γ, d) Levels
0 Kelvin Cross Sections



54-Xe-131

Incident Energy (MeV)

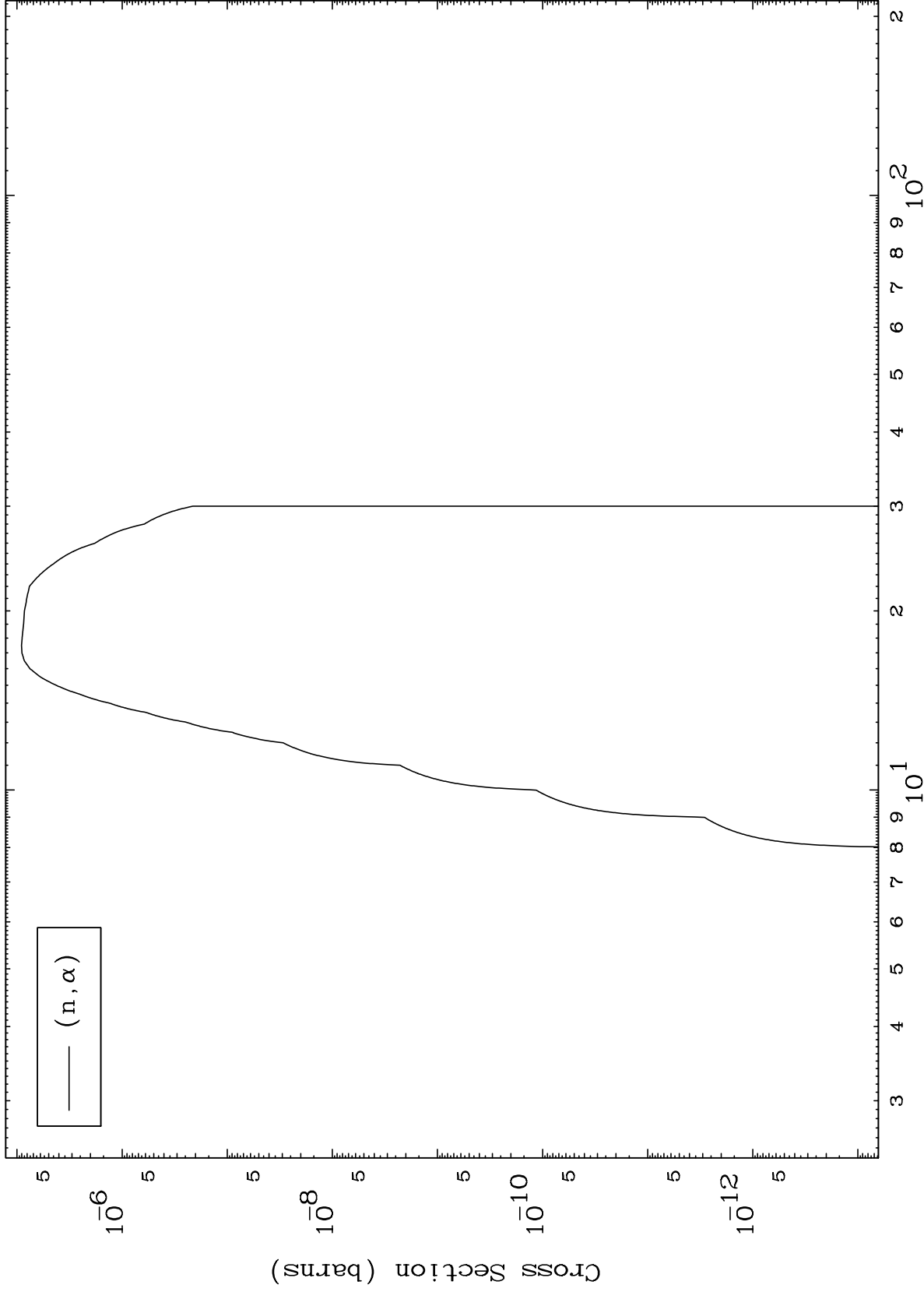
7



MAT 5446

54-Xe-131

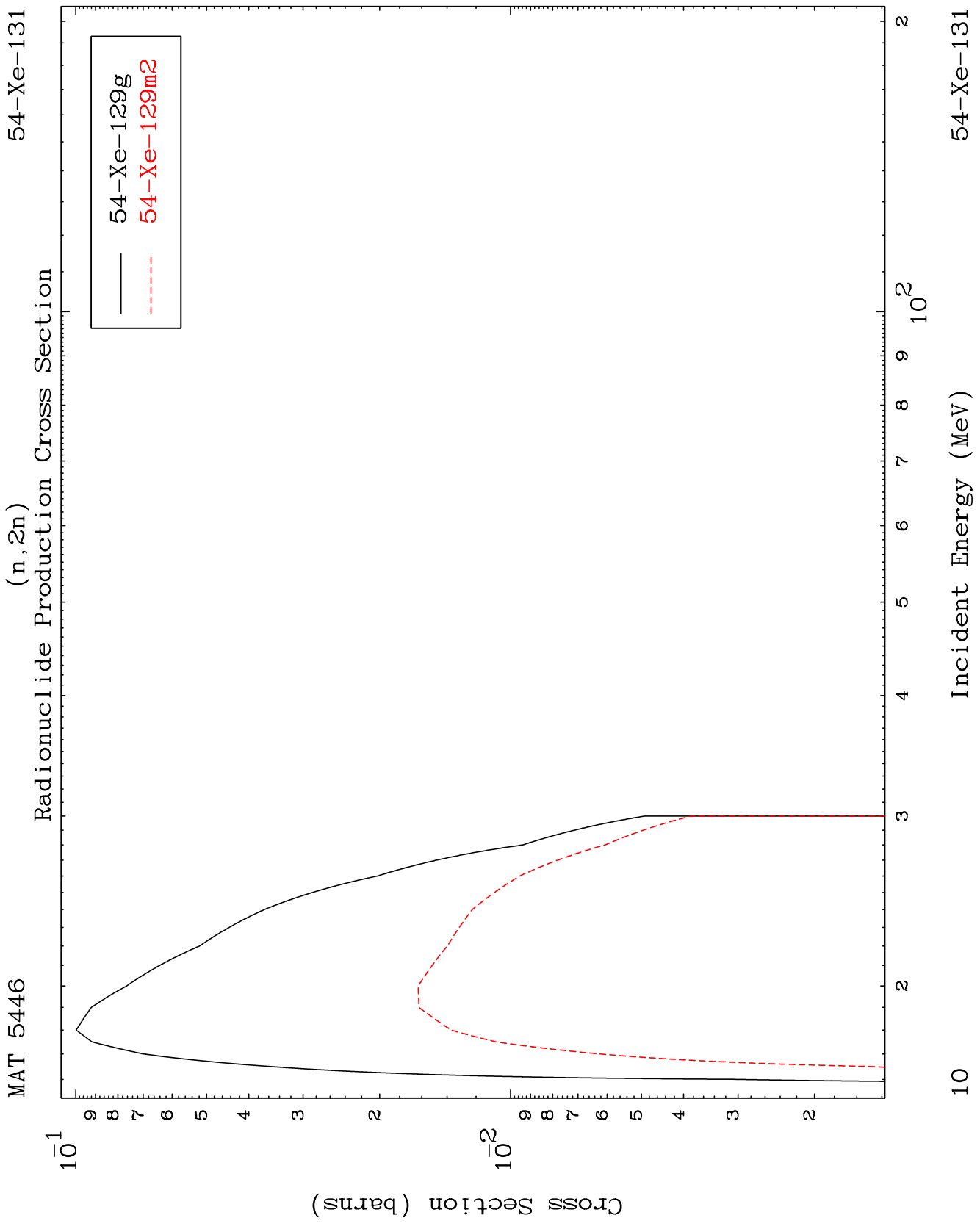
(γ, α) Levels
0 Kelvin Cross Sections



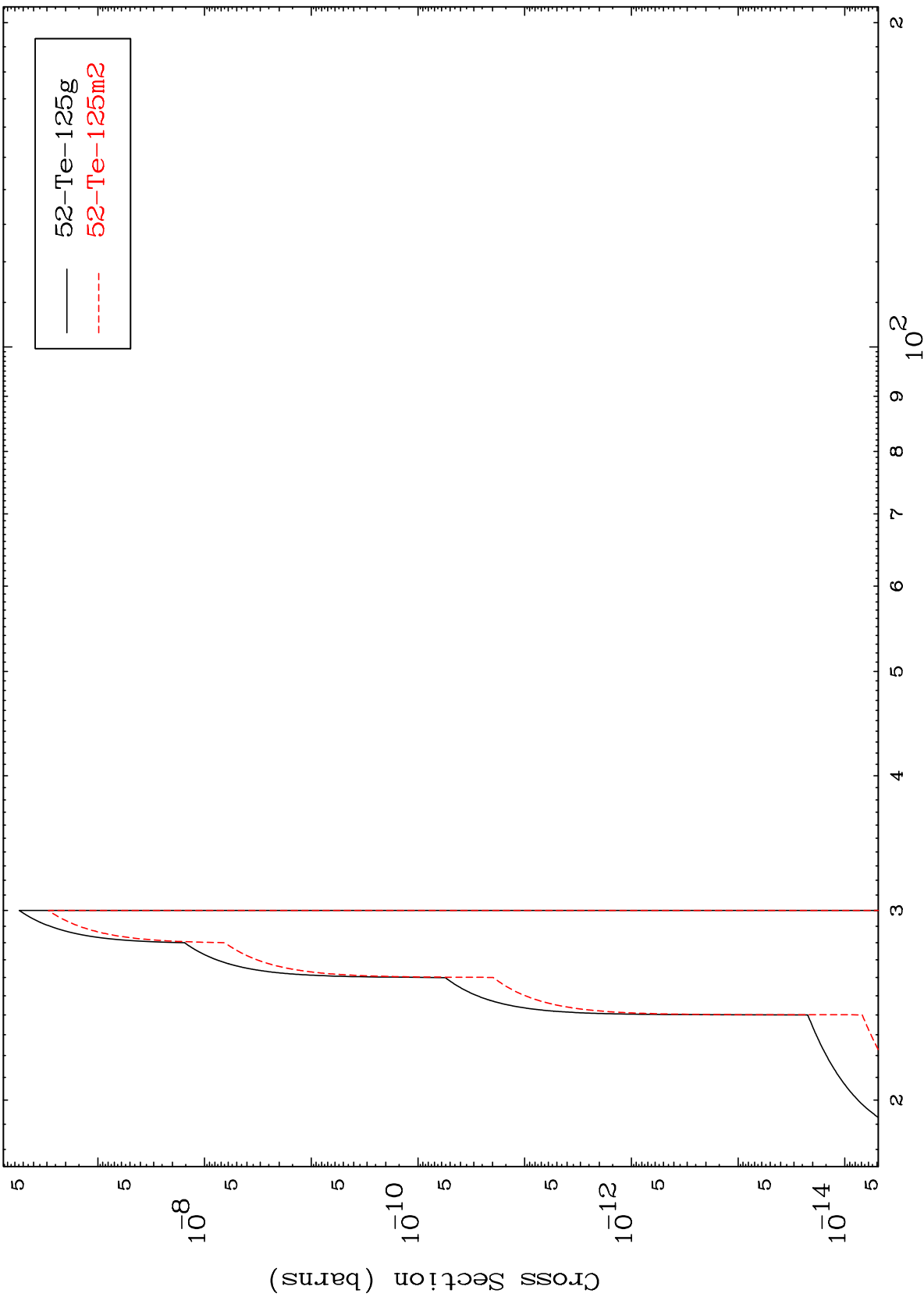
9

Incident Energy (MeV)

54-Xe-131



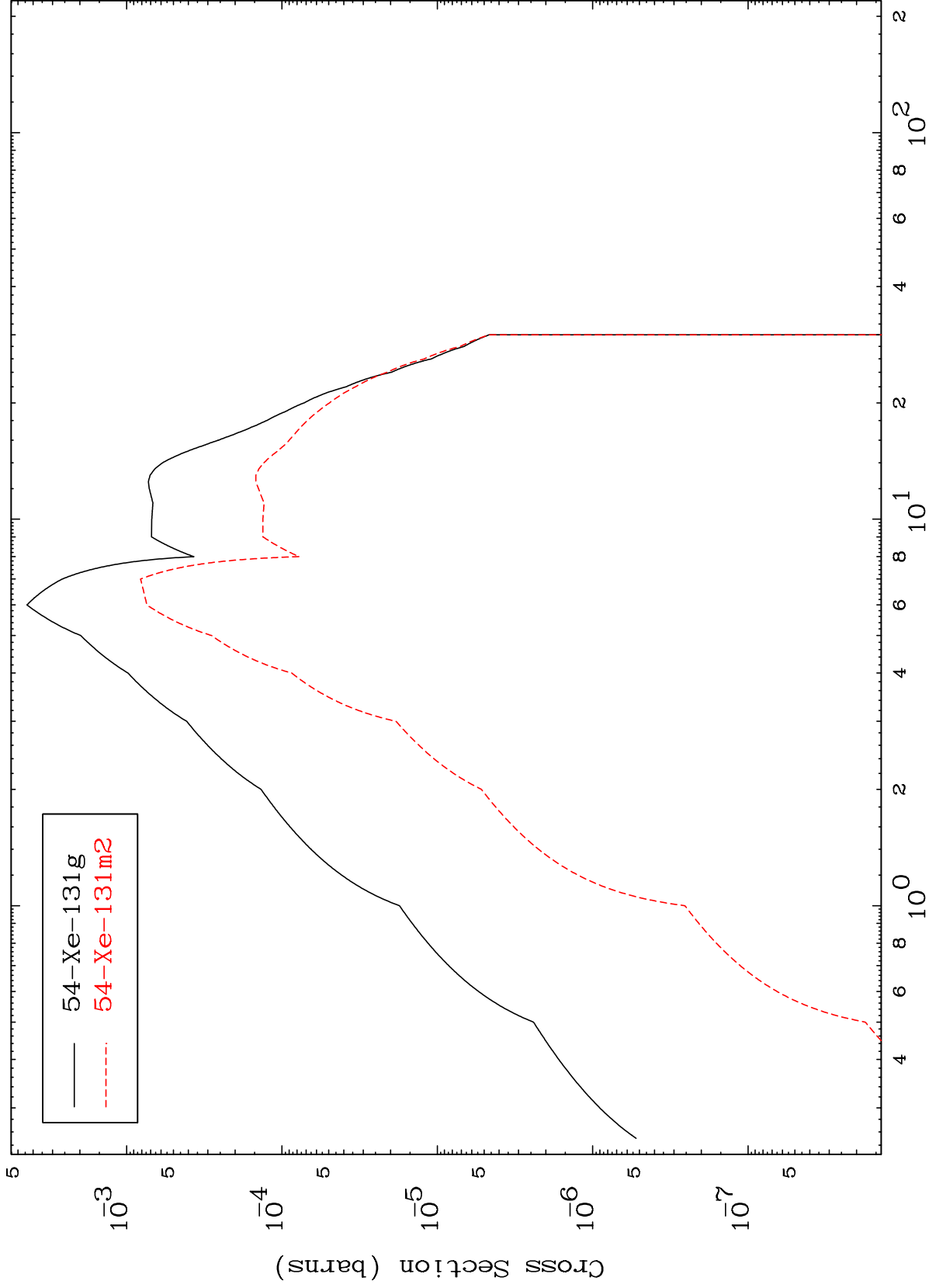
Radionuclide Production Cross Section



MAT 5446

54-Xe-131

(n,γ)
Radionuclide Production Cross Section



12

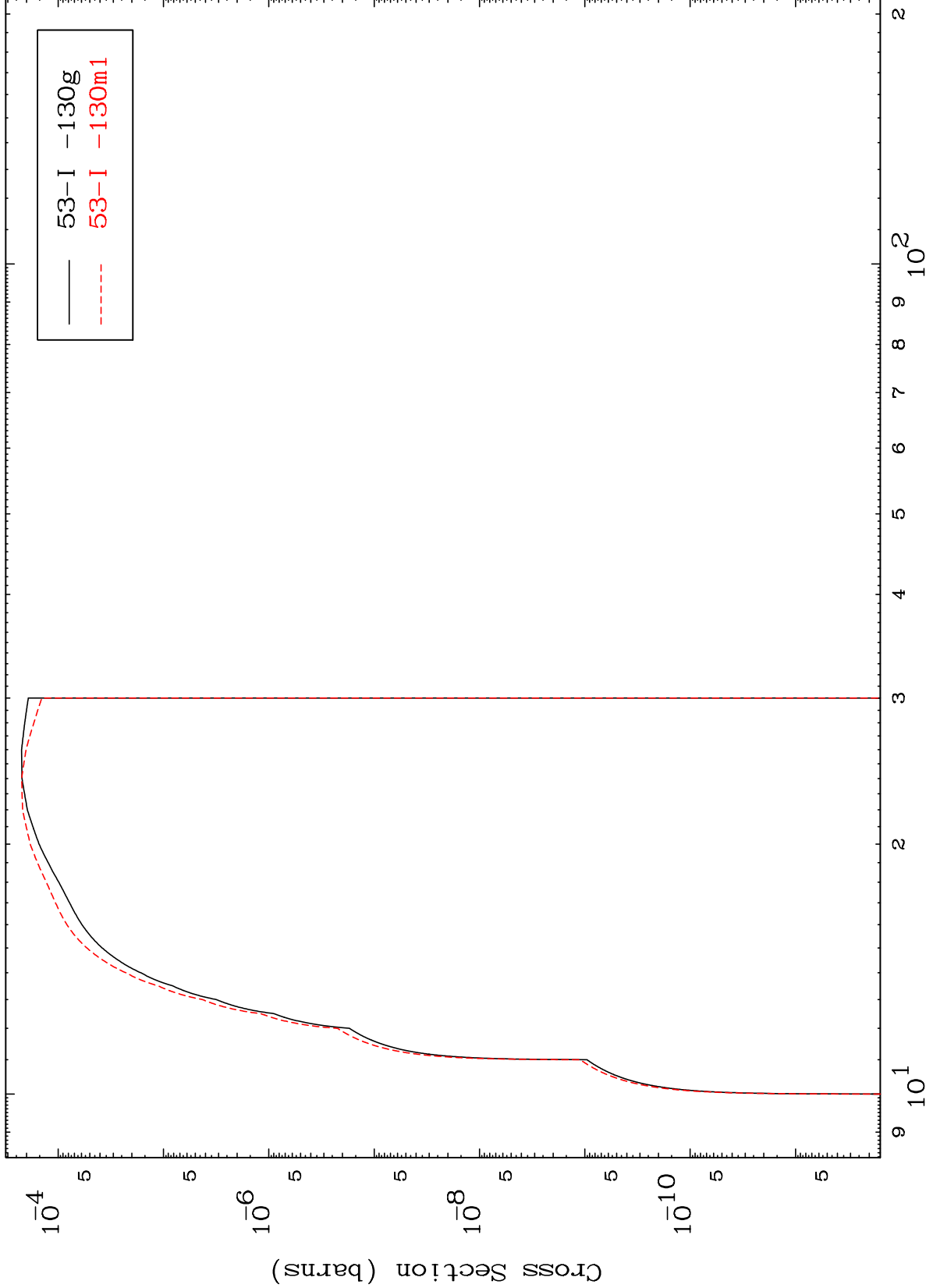
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(n,p)
Radionuclide Production Cross Section



13

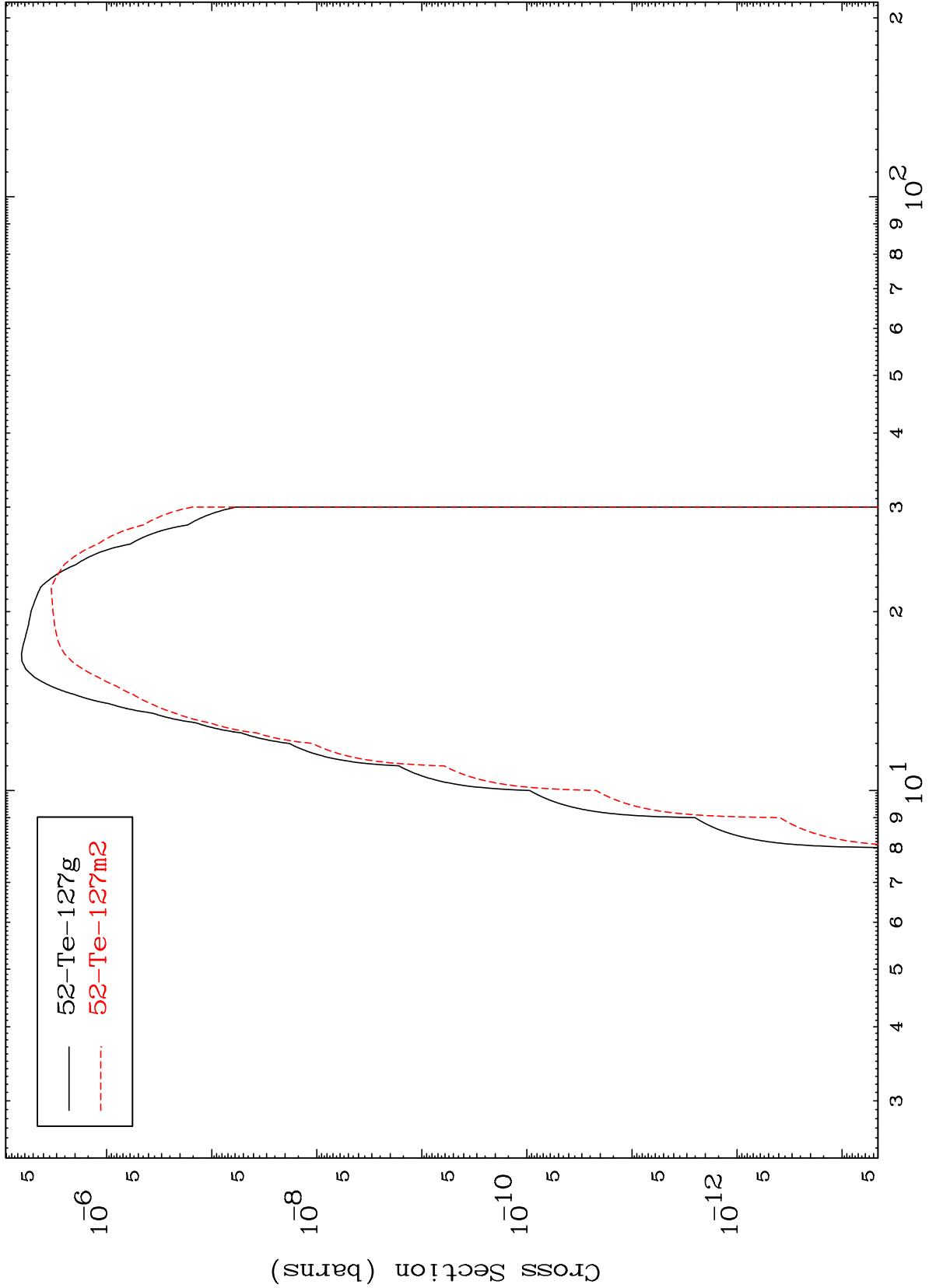
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

Radionuclide Production Cross Section
(n, α)



14

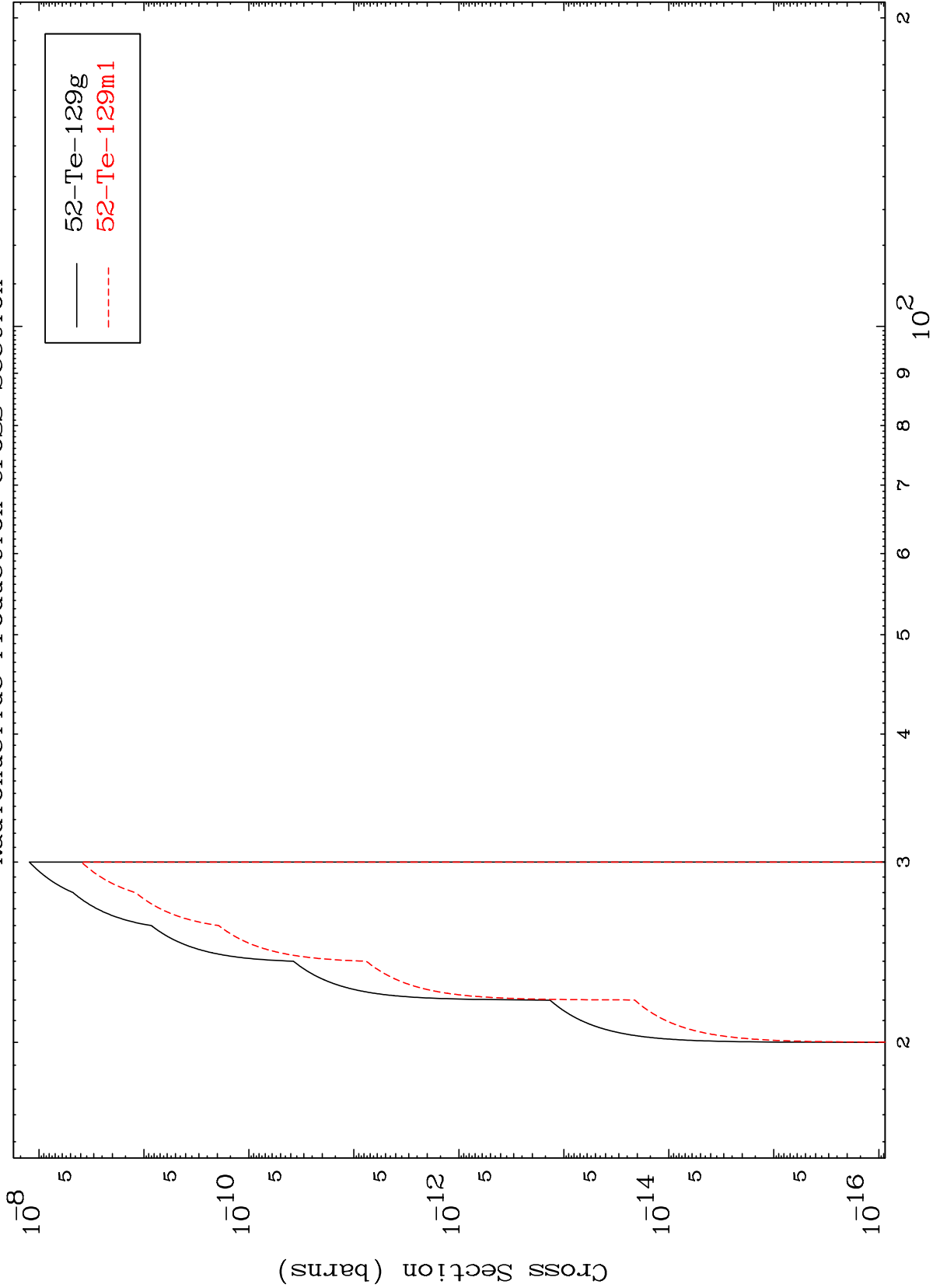
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(n,2p)
Radionuclide Production Cross Section



15

54-Xe-131

Incident Energy (MeV)