

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

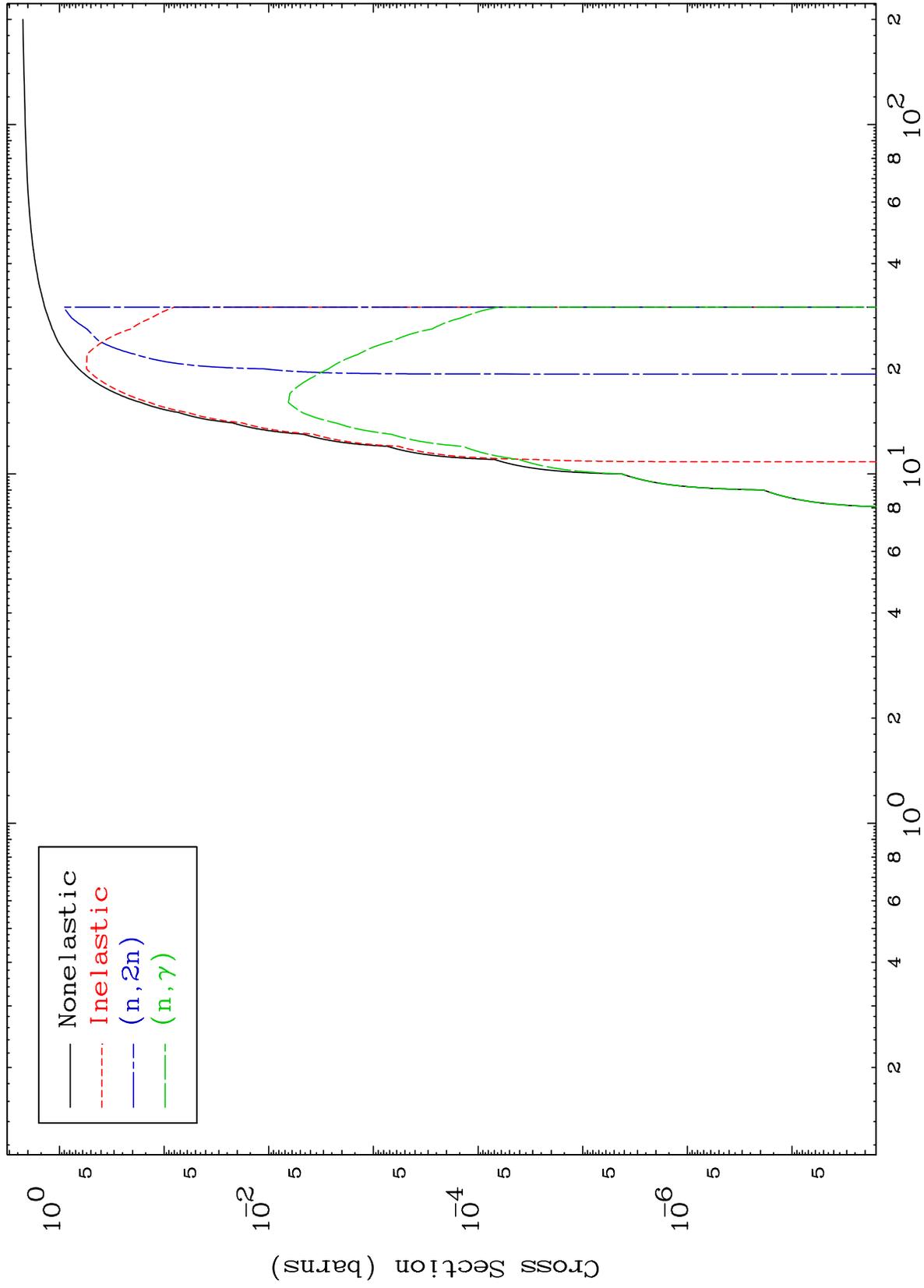
Press Mouse Button to Start

MAT 5425

0 Kelvin

$\alpha$  Major Cross Sections

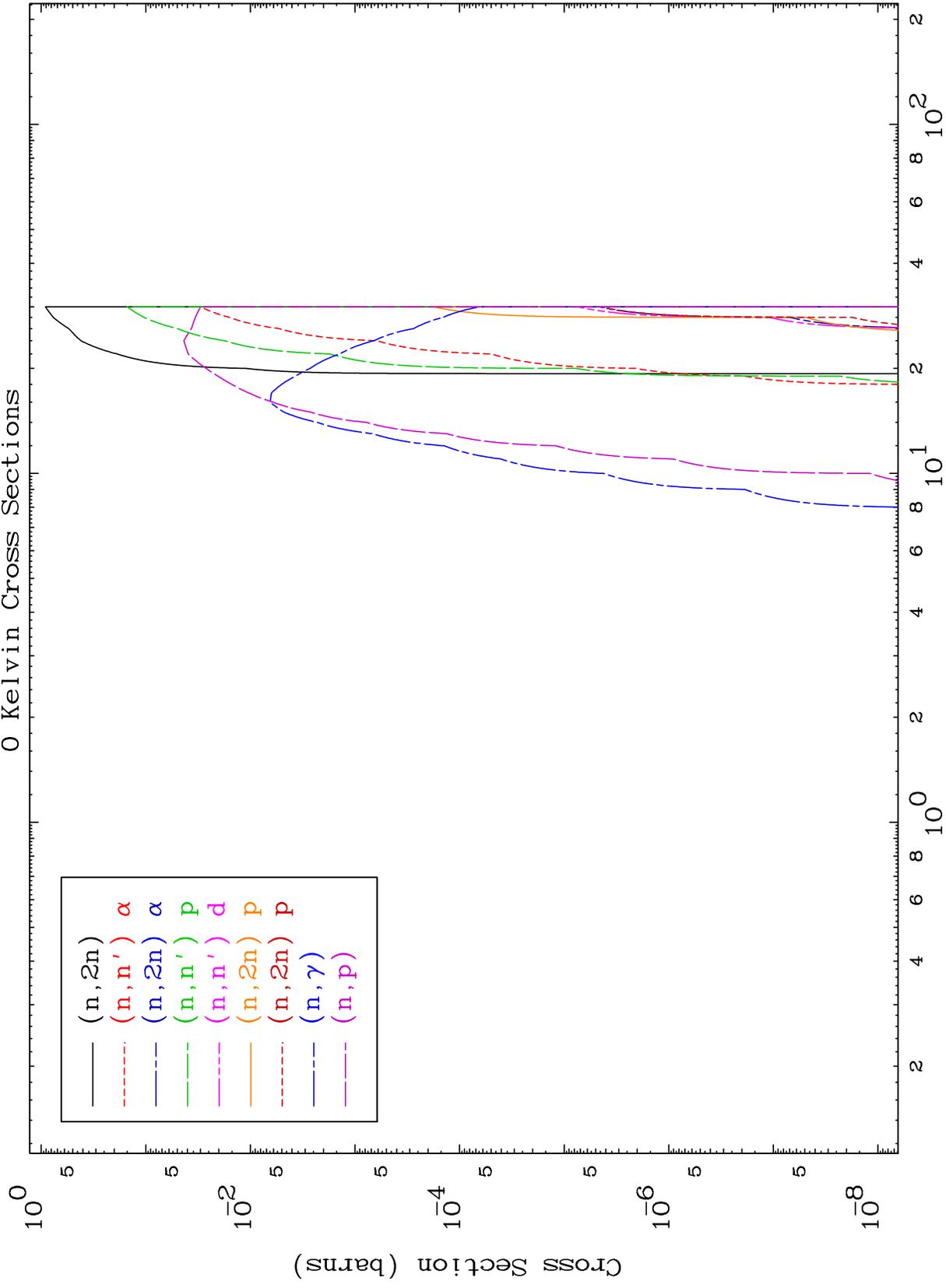
54-Xe-124



MAT 5425

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-124



2

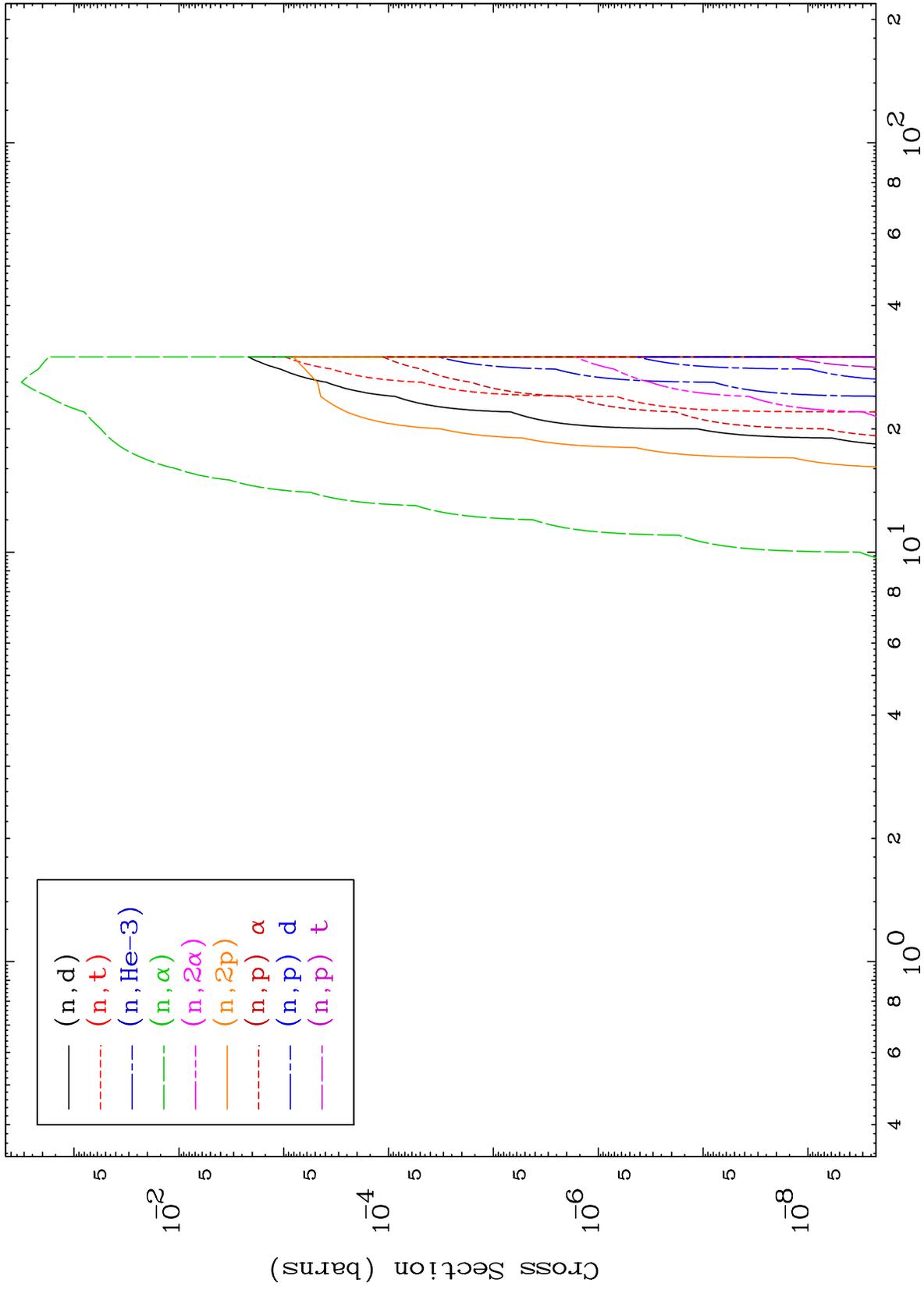
Incident Energy (MeV)

54-Xe-124

MAT 5425

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

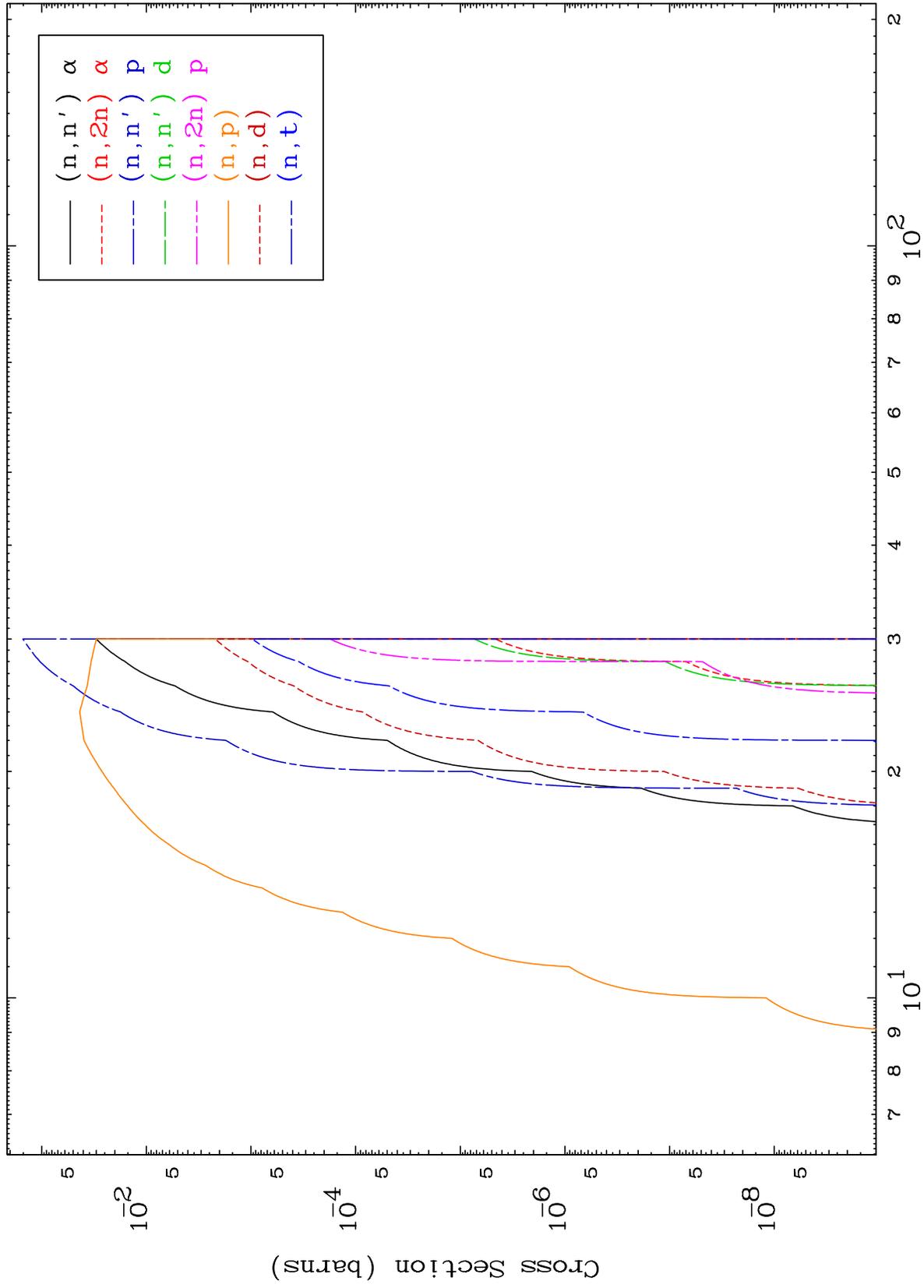
54-Xe-124



3

Incident Energy (MeV)

54-Xe-124

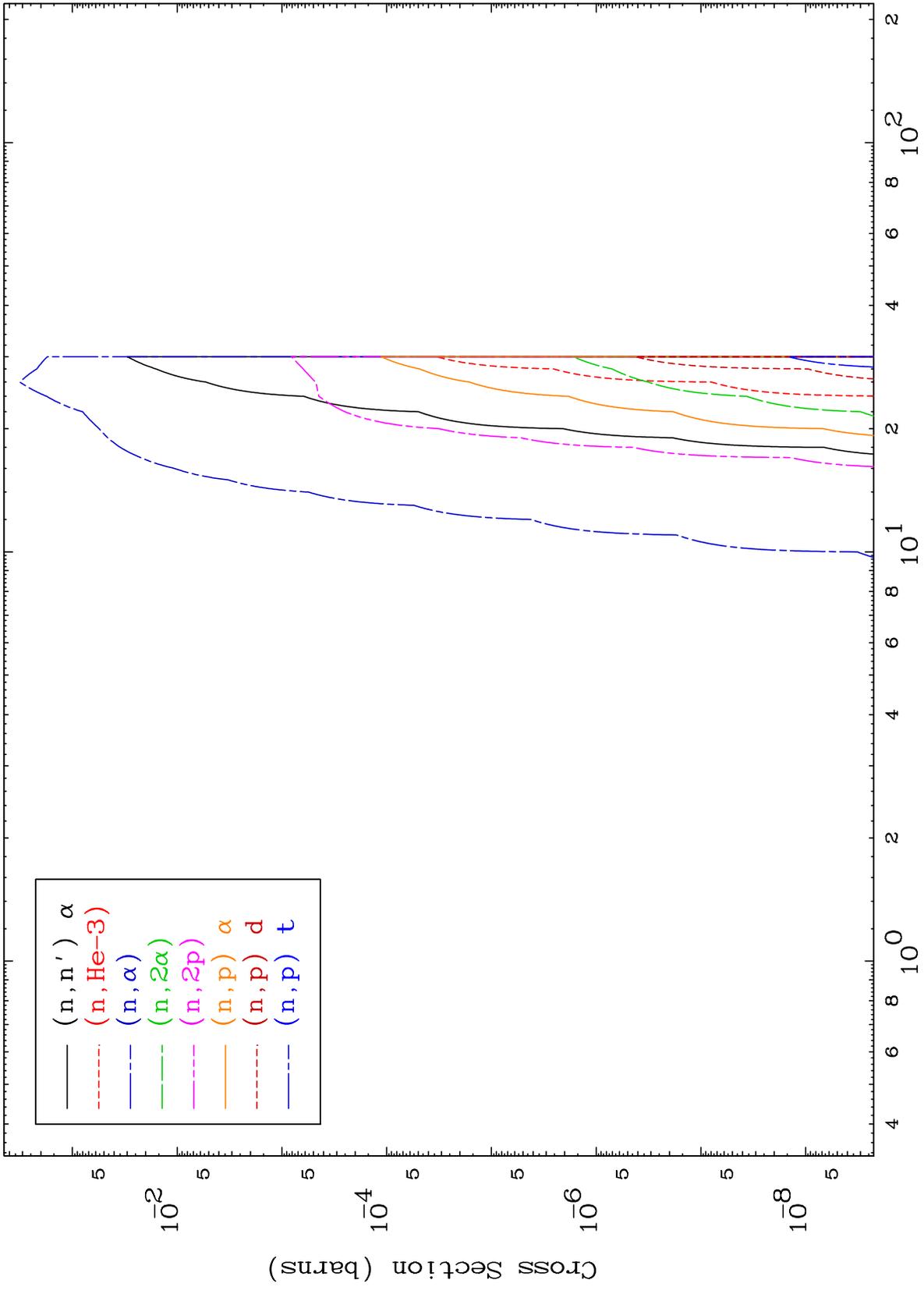


MAT 5425

$\alpha$  Charged Particle

54-Xe-124

0 Kelvin Cross Sections



5

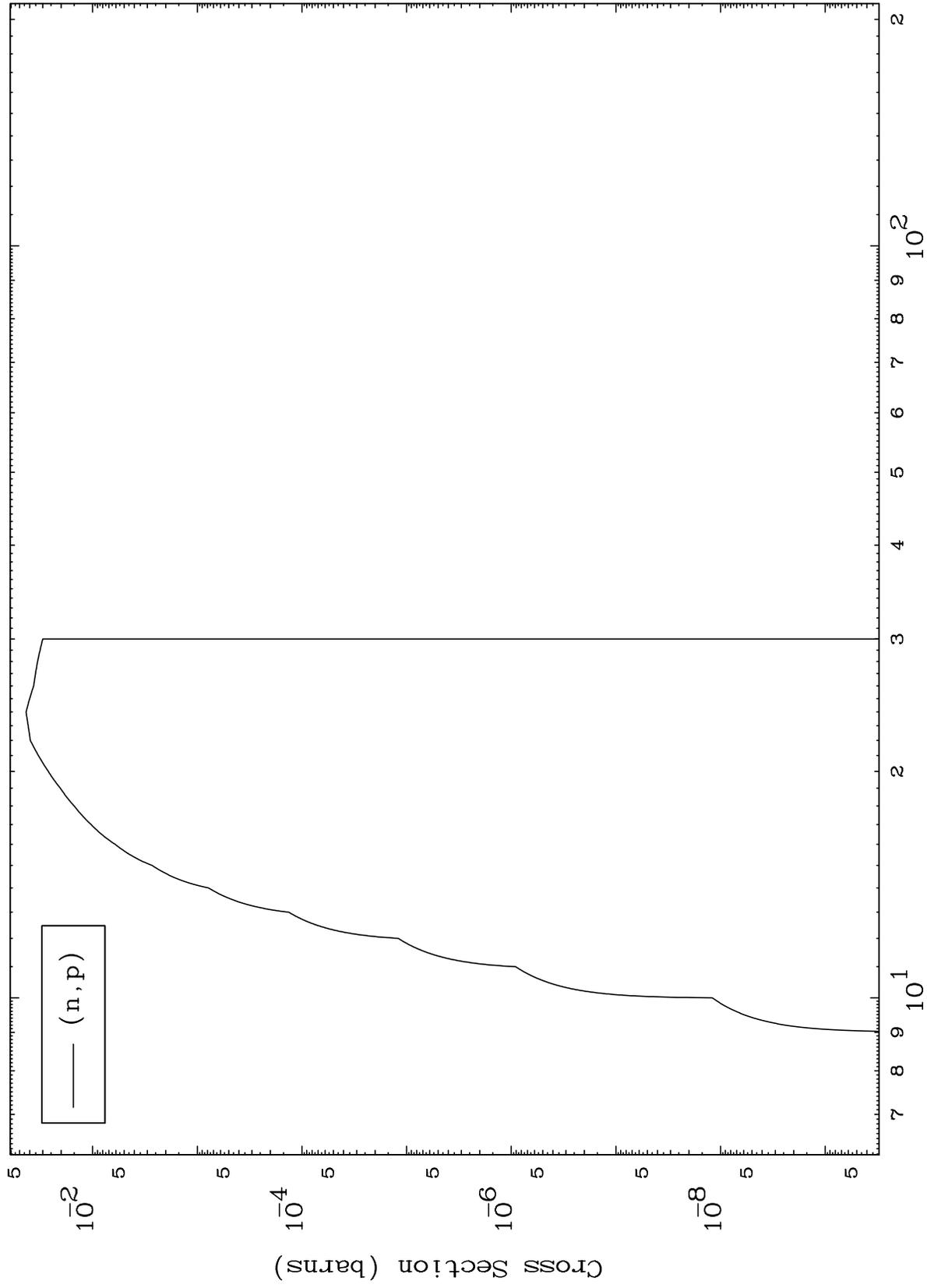
Incident Energy (MeV)

54-Xe-124

MAT 5425

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

54-Xe-124



6

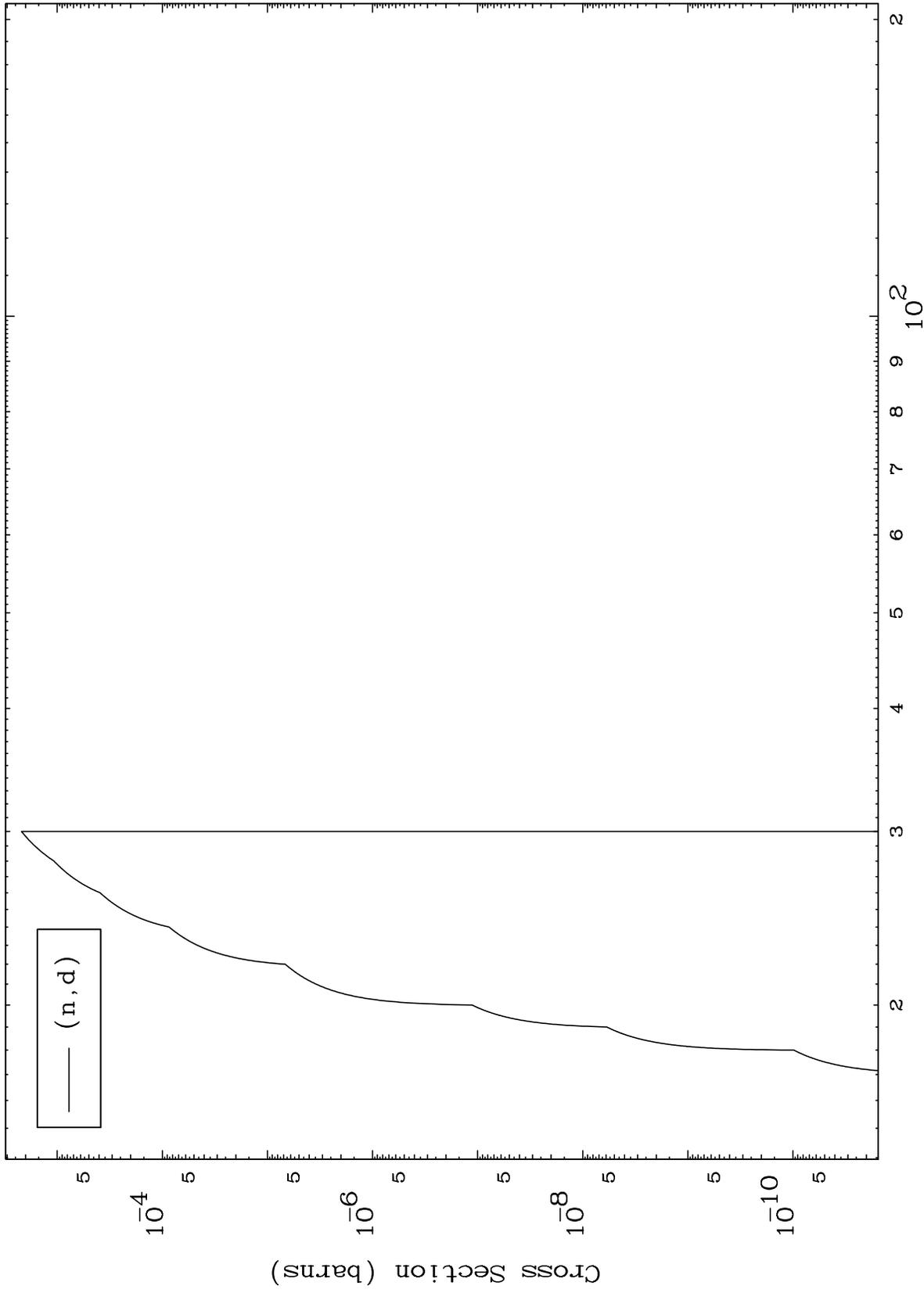
Incident Energy (MeV)

54-Xe-124

MAT 5425

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

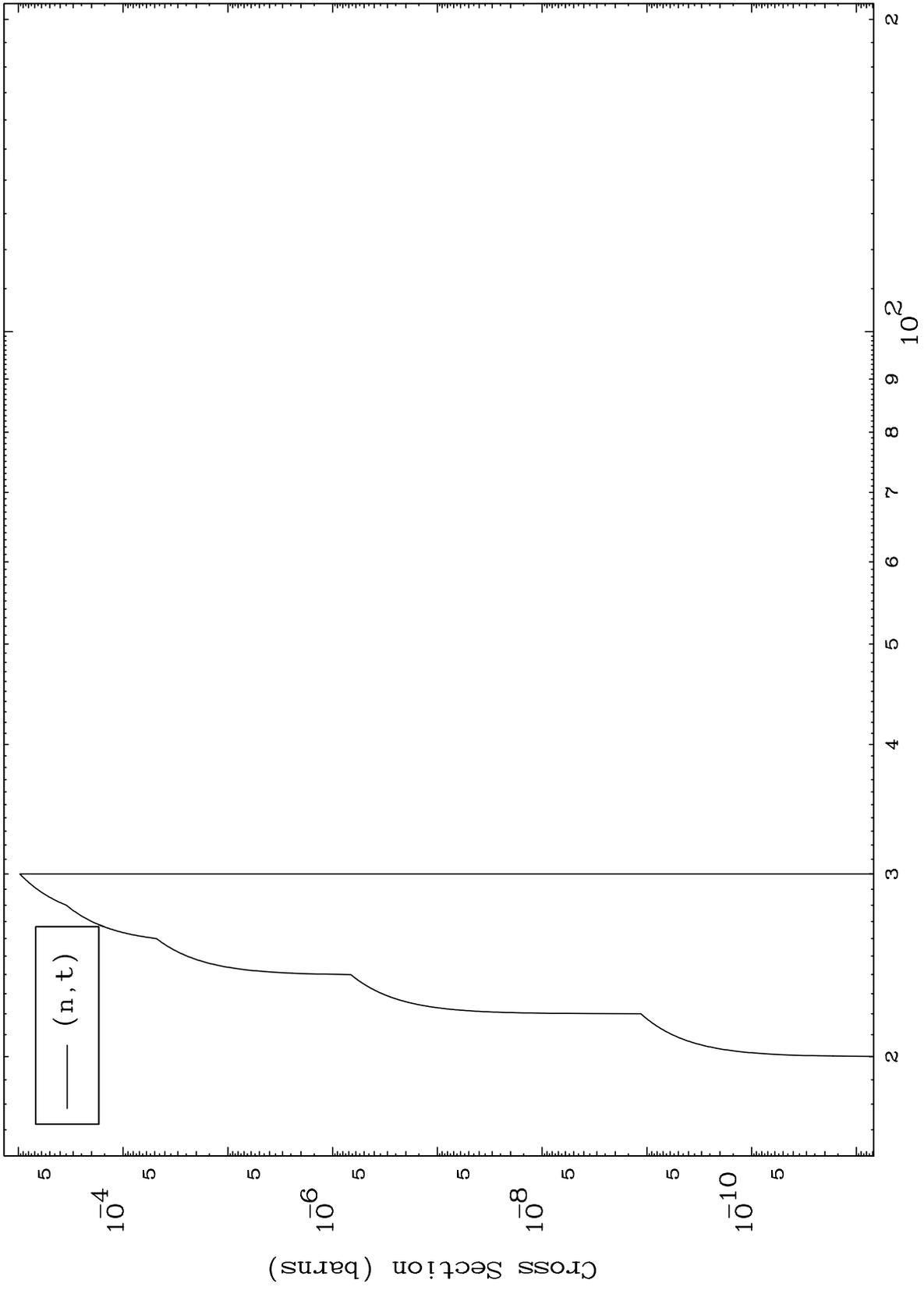
54-Xe-124

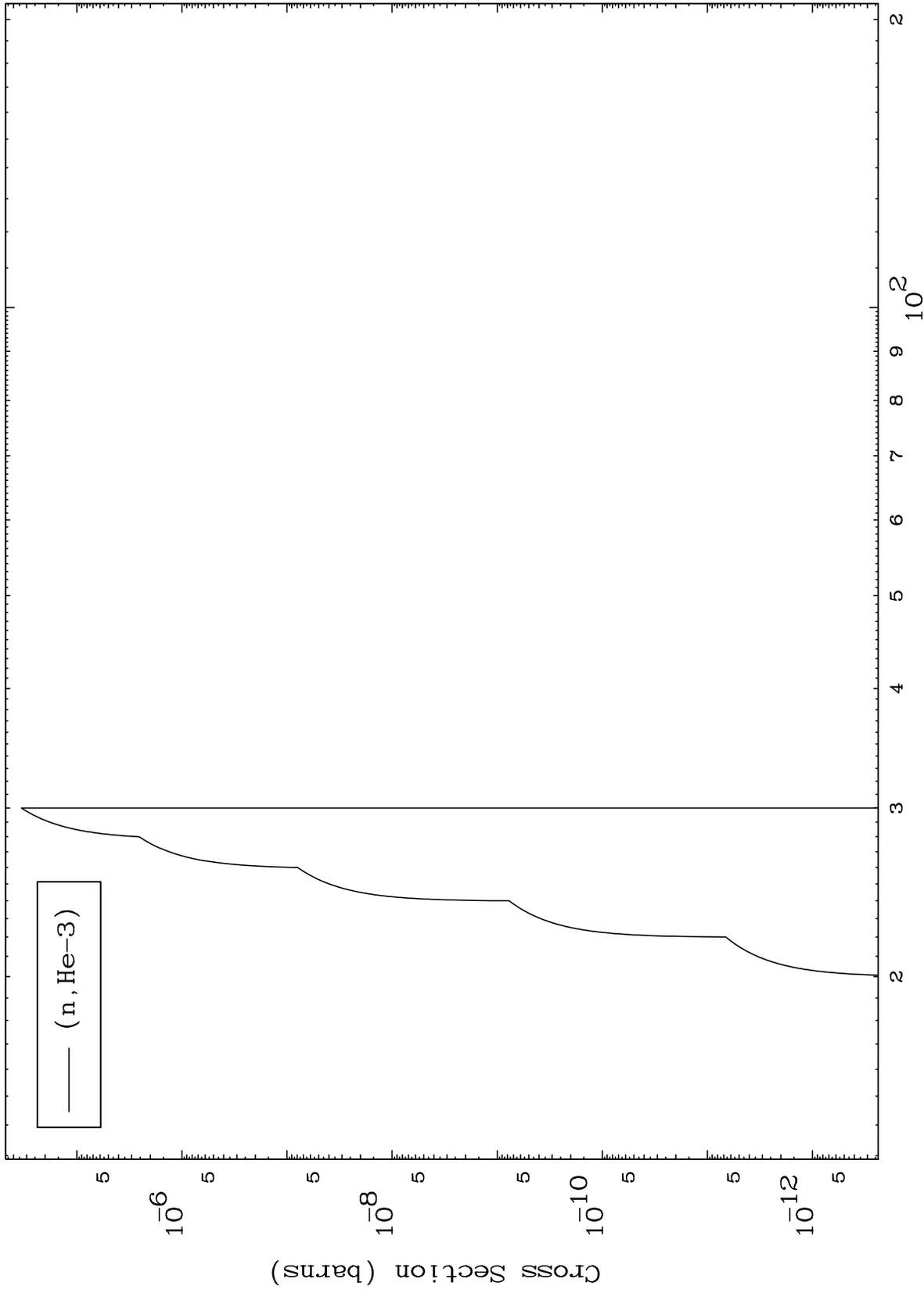


7

Incident Energy (MeV)

54-Xe-124

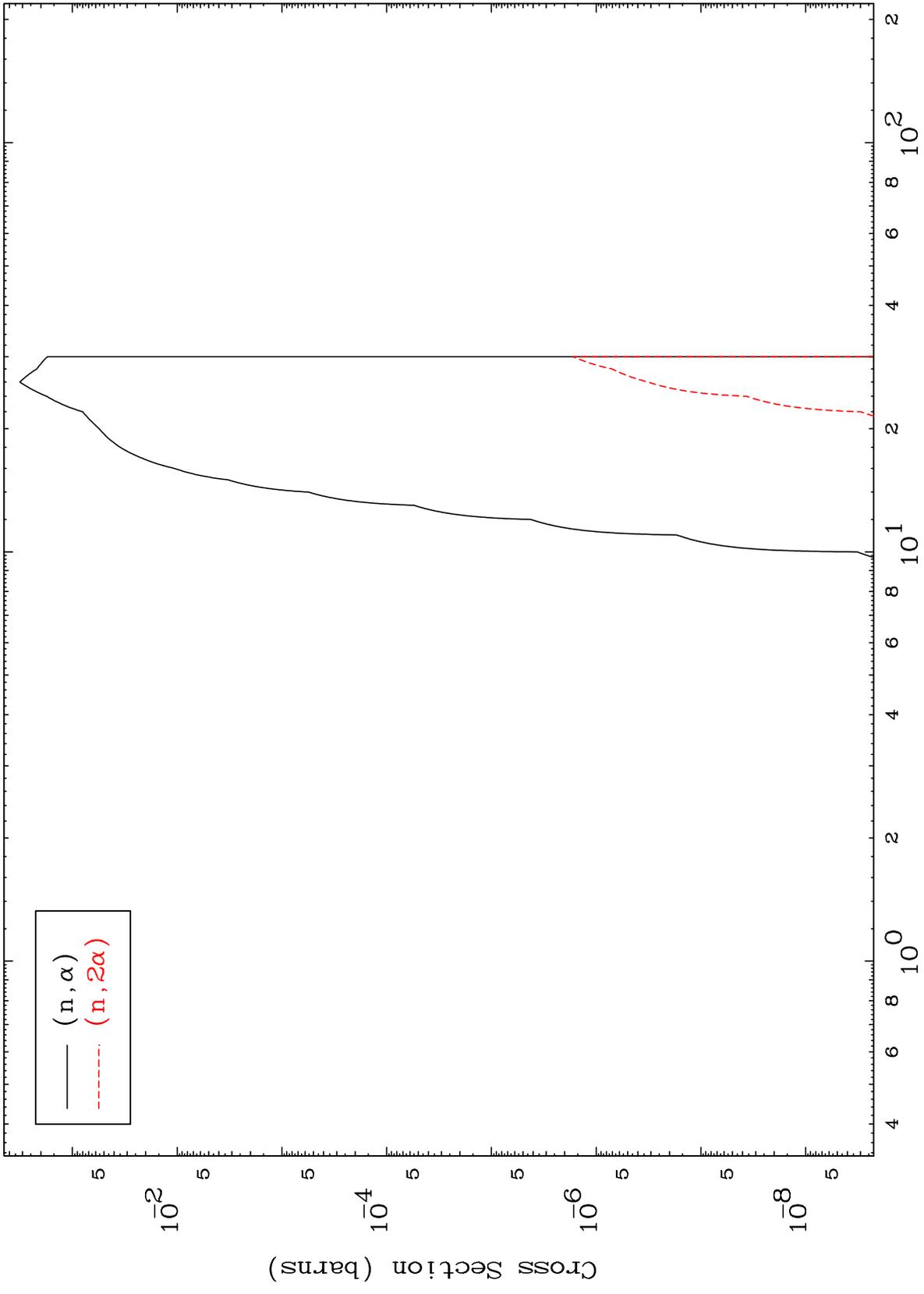




MAT 5425

0 Kelvin Cross Sections  
( $\alpha, \alpha$ ) Levels

54-Xe-124



10

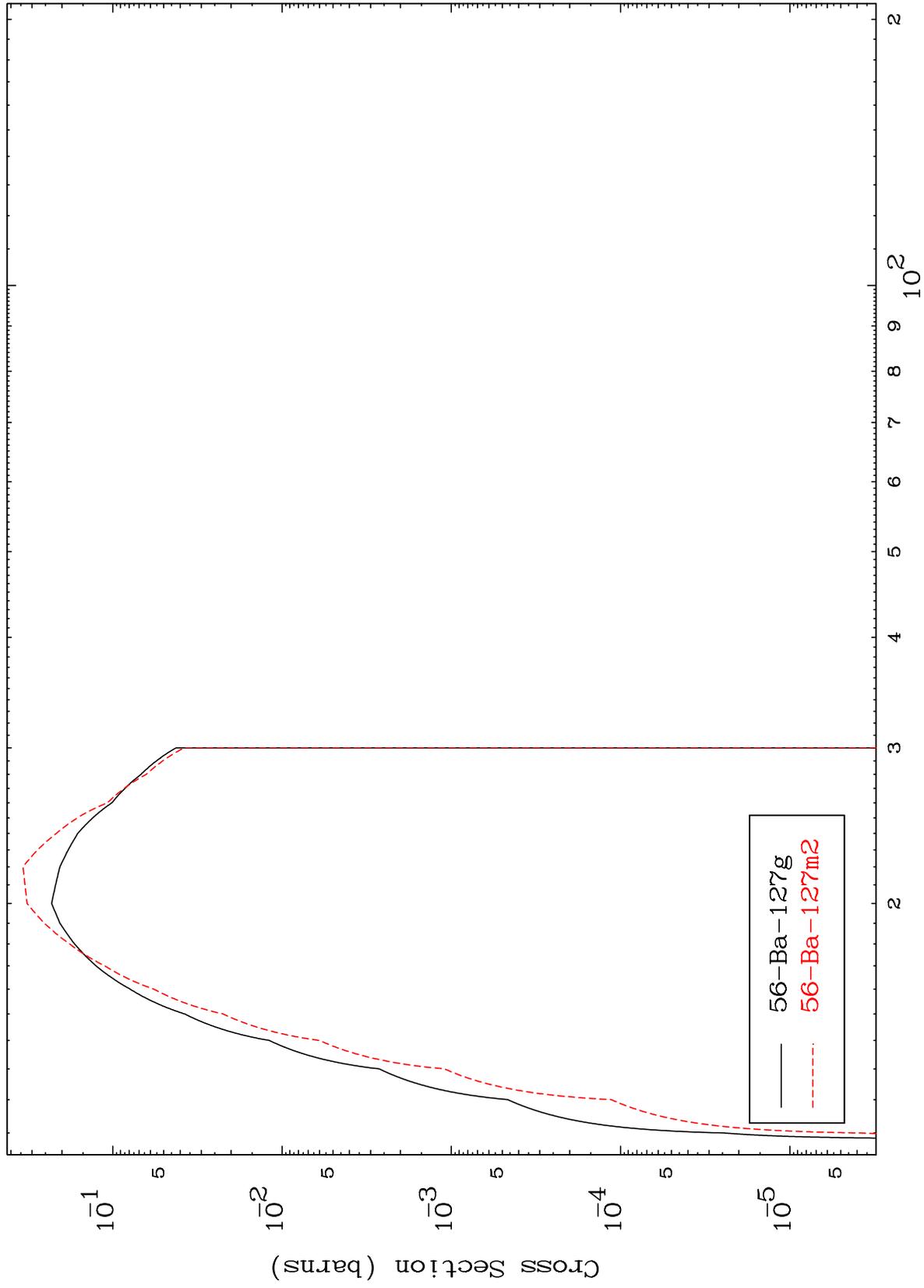
Incident Energy (MeV)

54-Xe-124

MAT 5425

Inelastic  
Radionuclide Production Cross Section

54-Xe-124



11

Incident Energy (MeV)

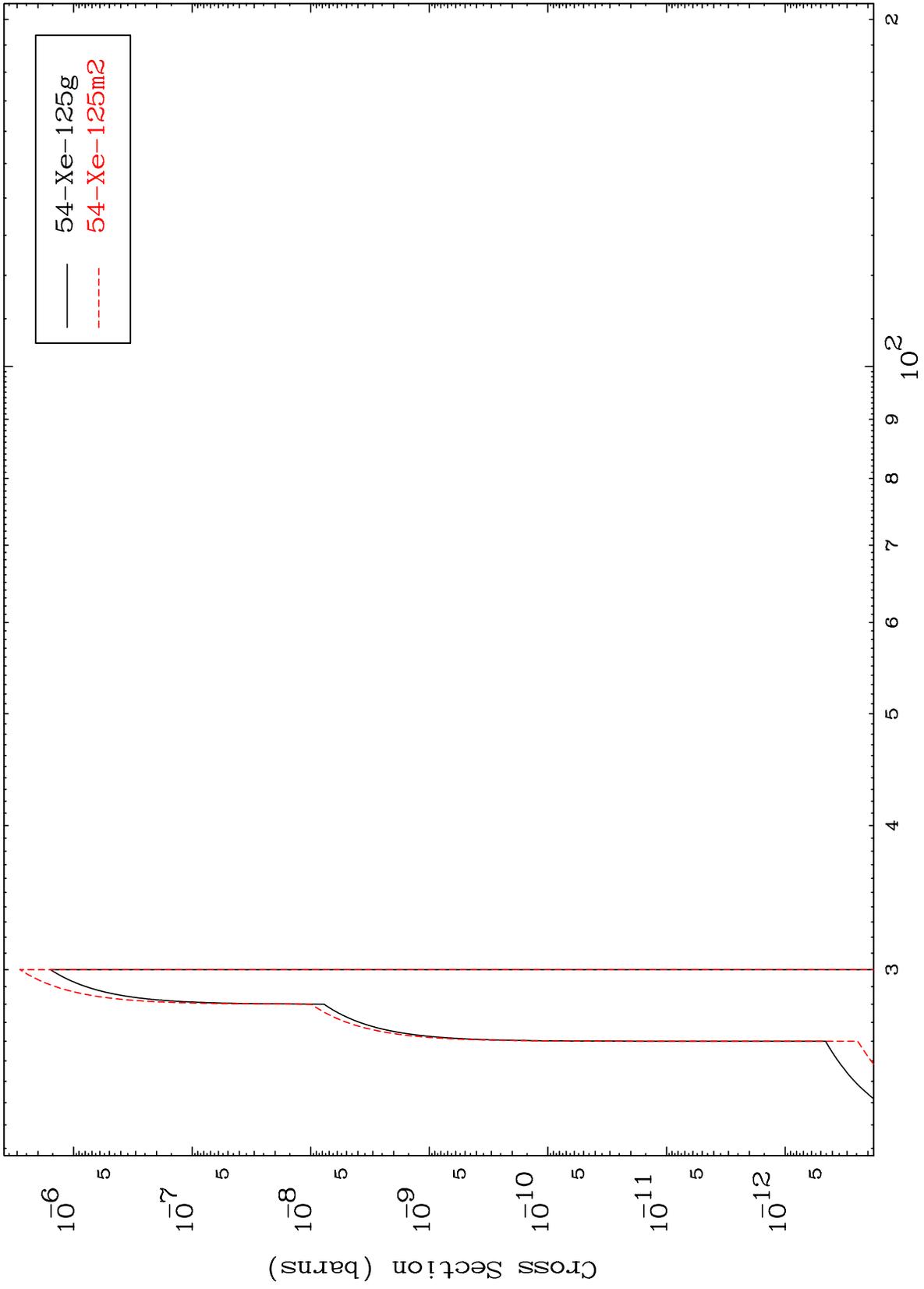
54-Xe-124

MAT 5425

(n,2n) p

54-Xe-124

Radionuclide Production Cross Section



12

Incident Energy (MeV)

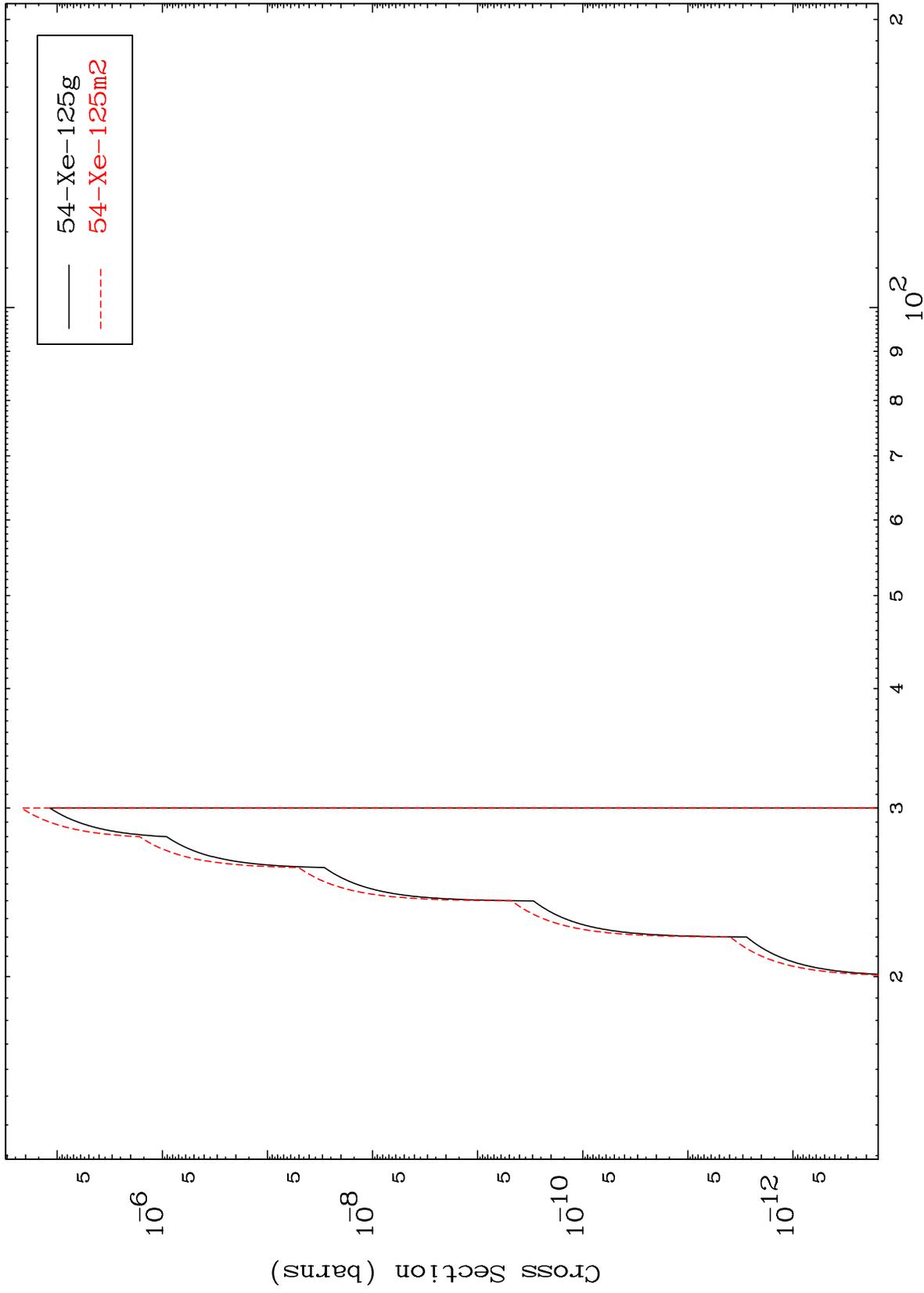
54-Xe-124

MAT 5425

(n, He-3)

54-Xe-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

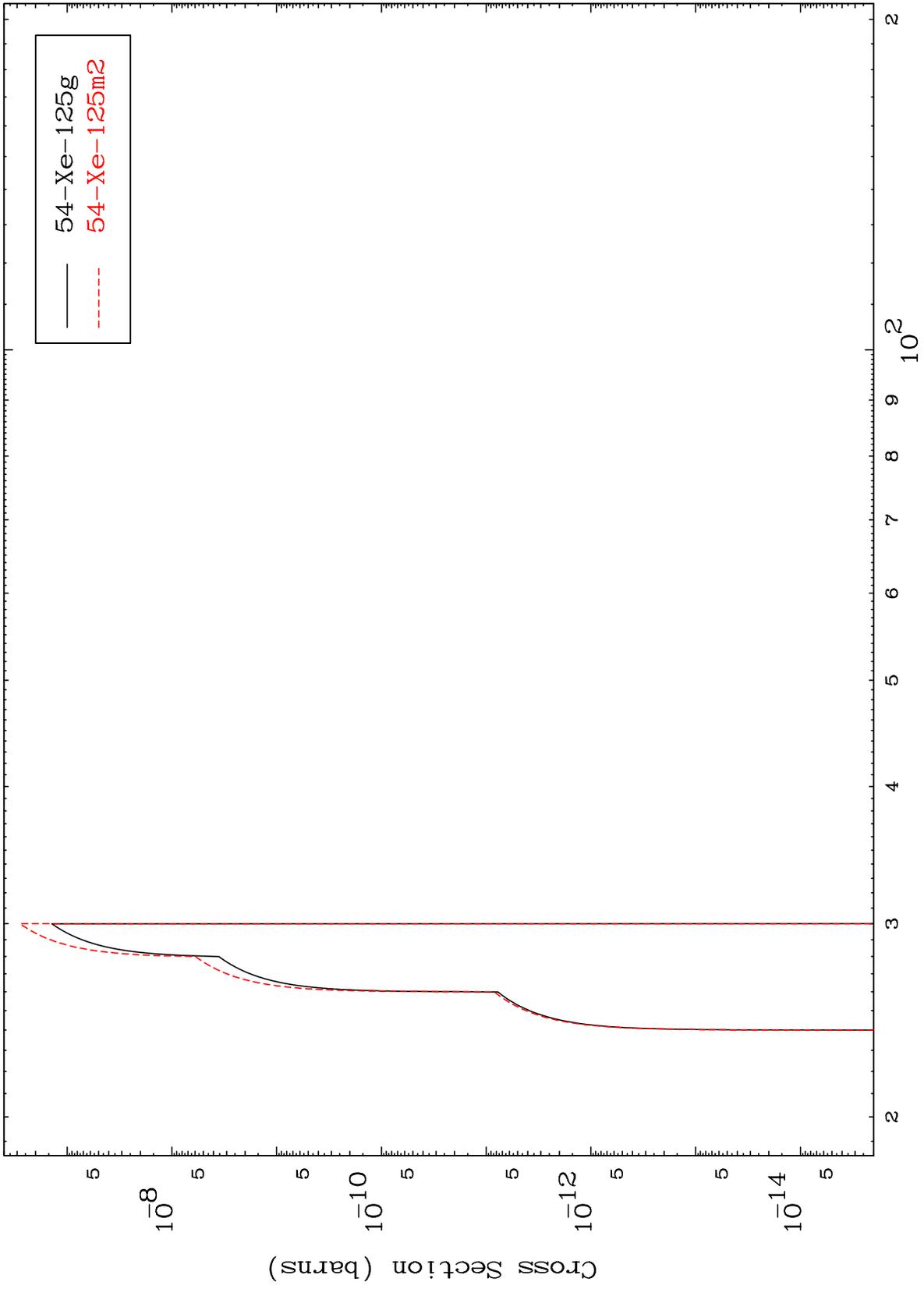
54-Xe-124

MAT 5425

(n,p) d

54-Xe-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

54-Xe-124