

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

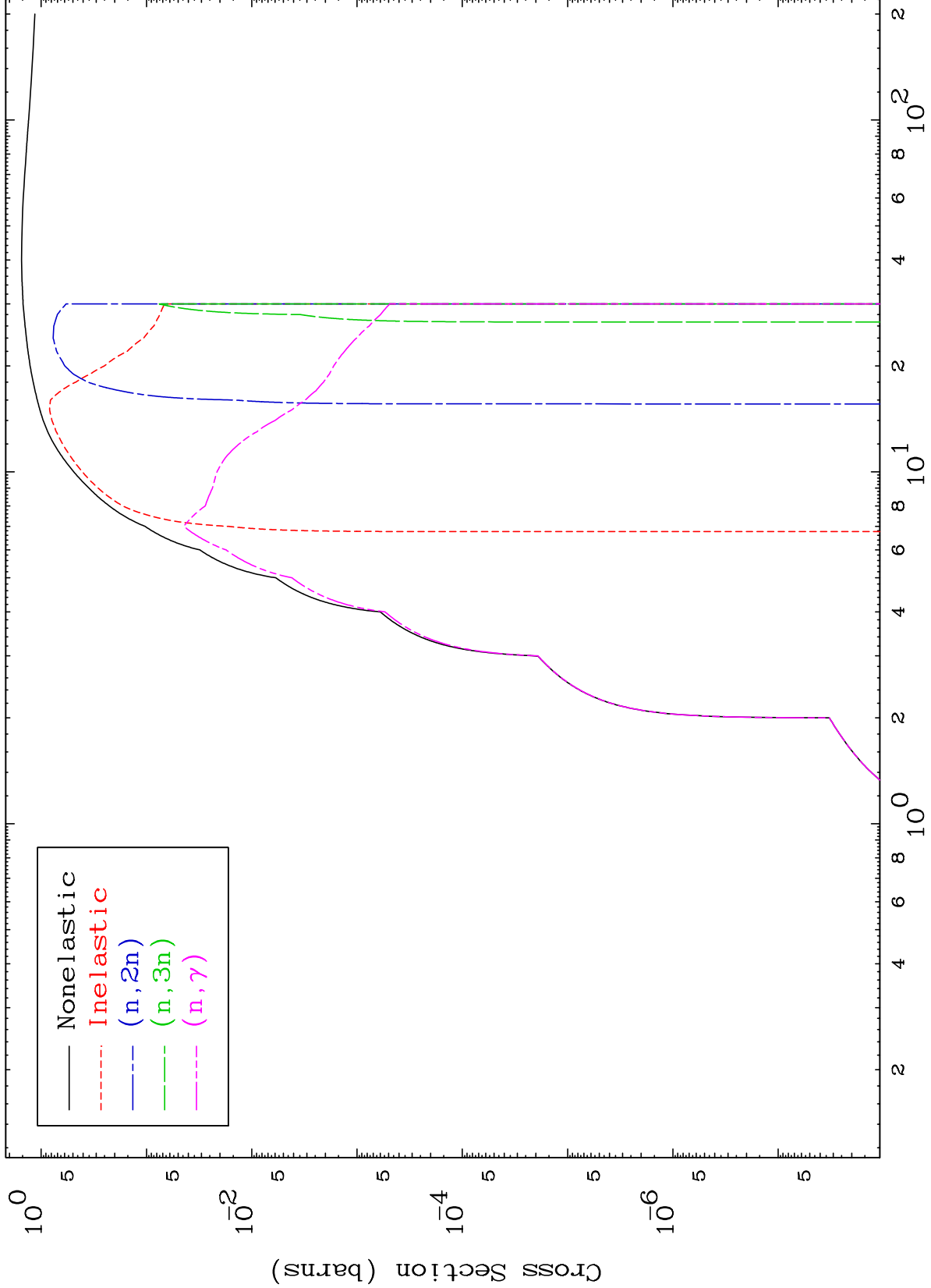
Press Mouse Button to Start

MAT 5425

Proton Major

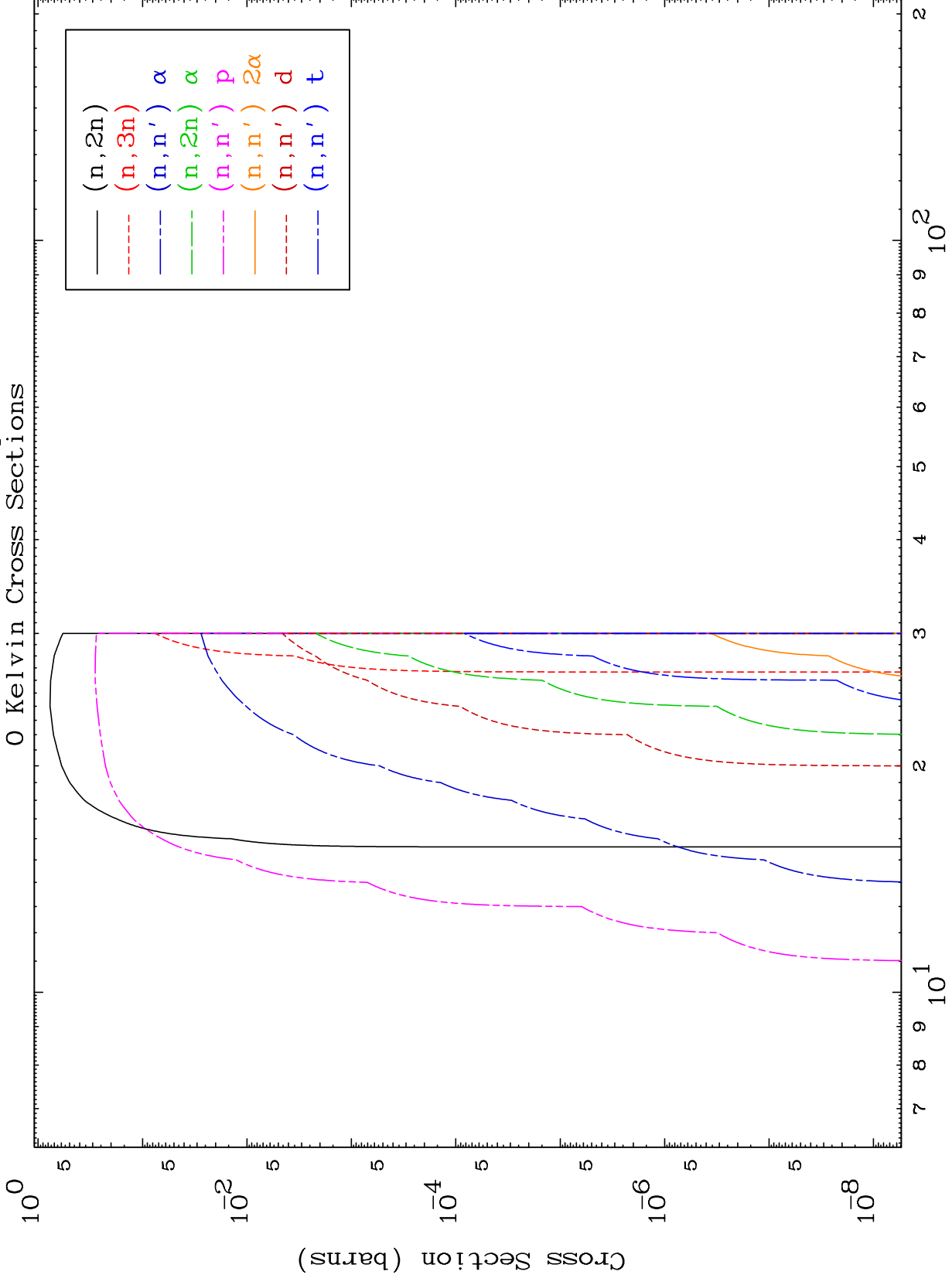
54-Xe-124

0 Kelvin Cross Sections



Incident Energy (MeV)

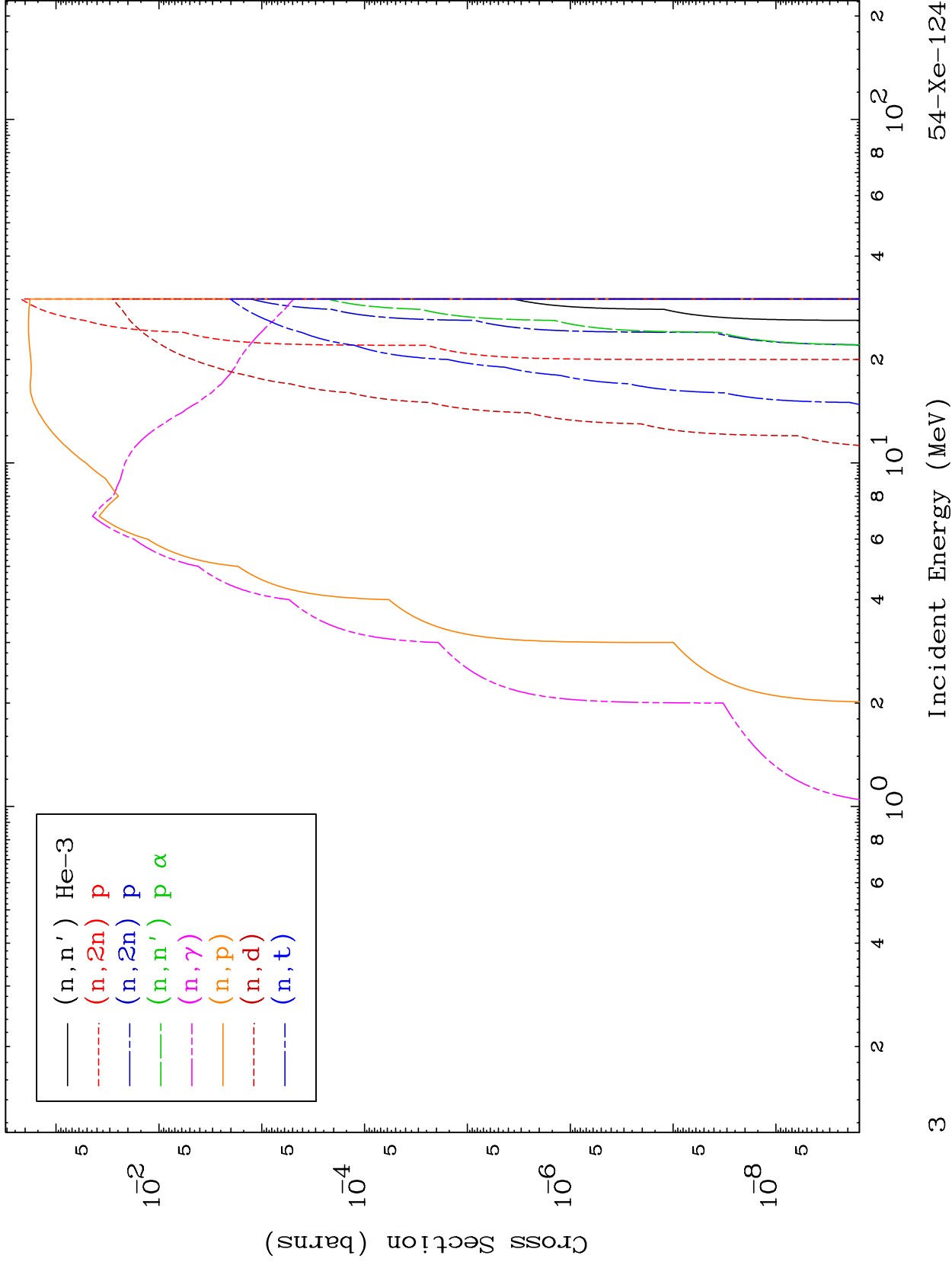
54-Xe-124



MAT 5425

Proton Neutron Absorption
0 Kelvin Cross Sections

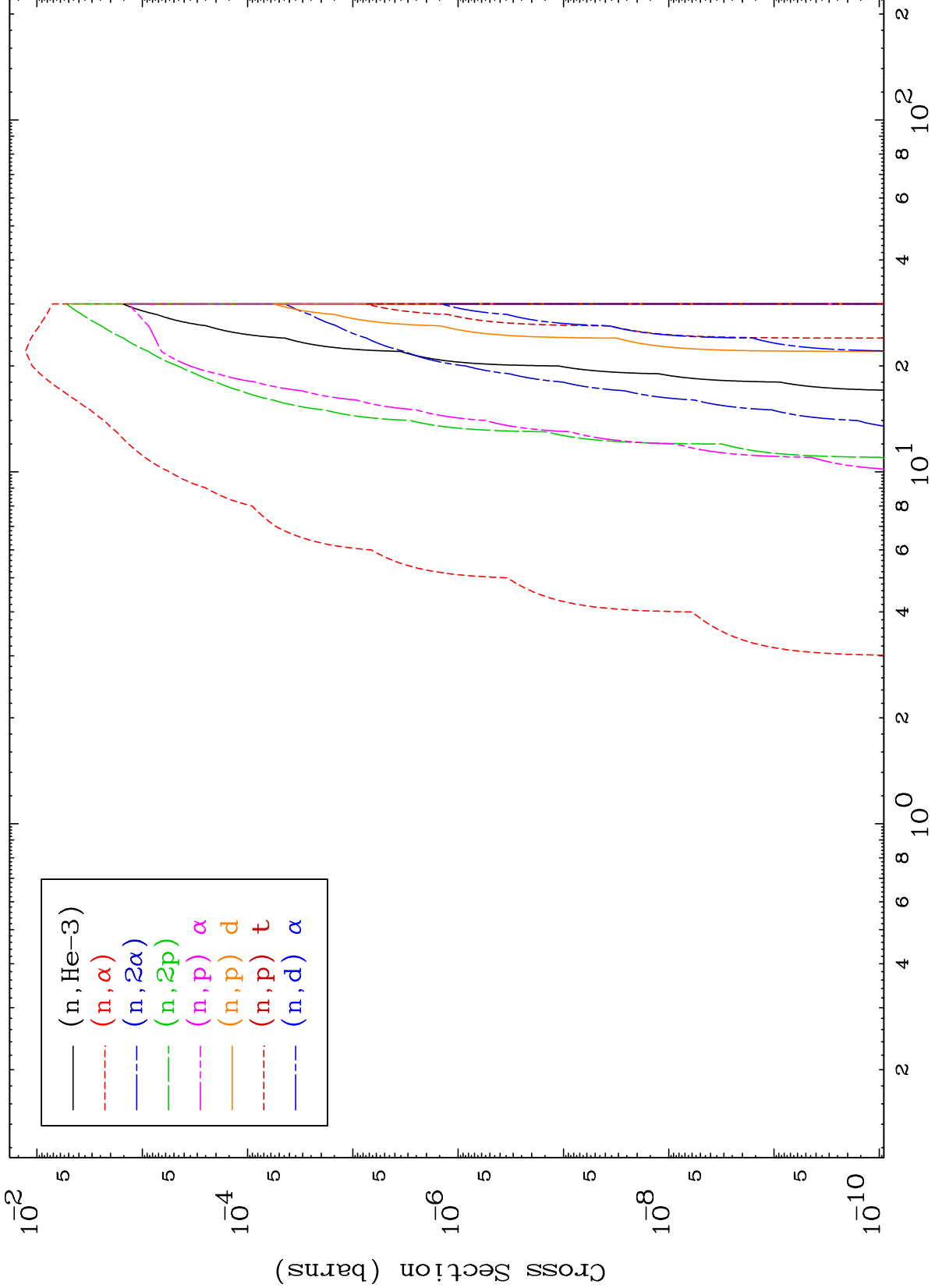
54-Xe-124



MAT 5425

Proton Neutron Absorption
0 Kelvin Cross Sections

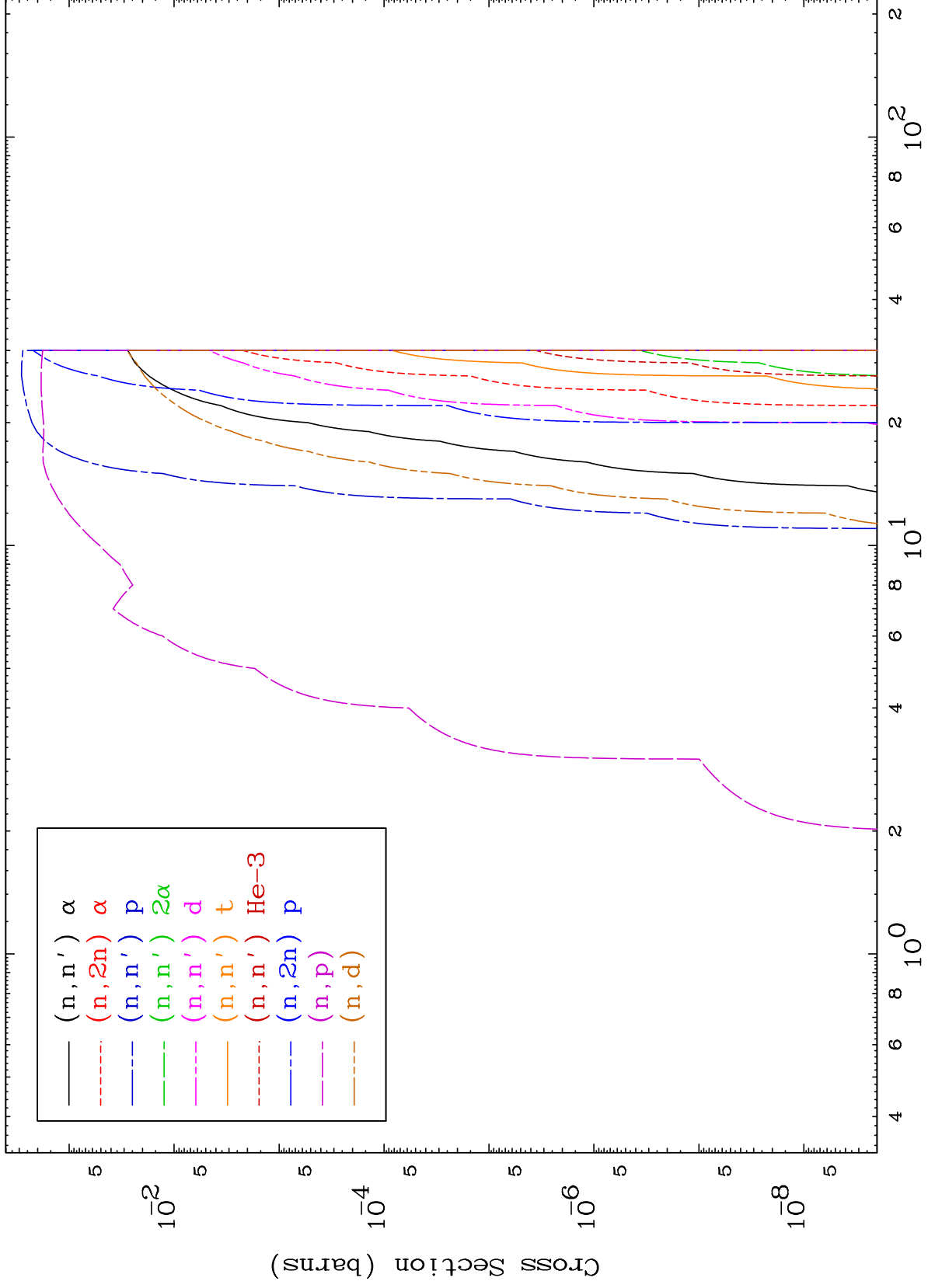
54-Xe-124



MAT 5425

Proton Charged Particle
0 Kelvin Cross Sections

54-Xe-124



5

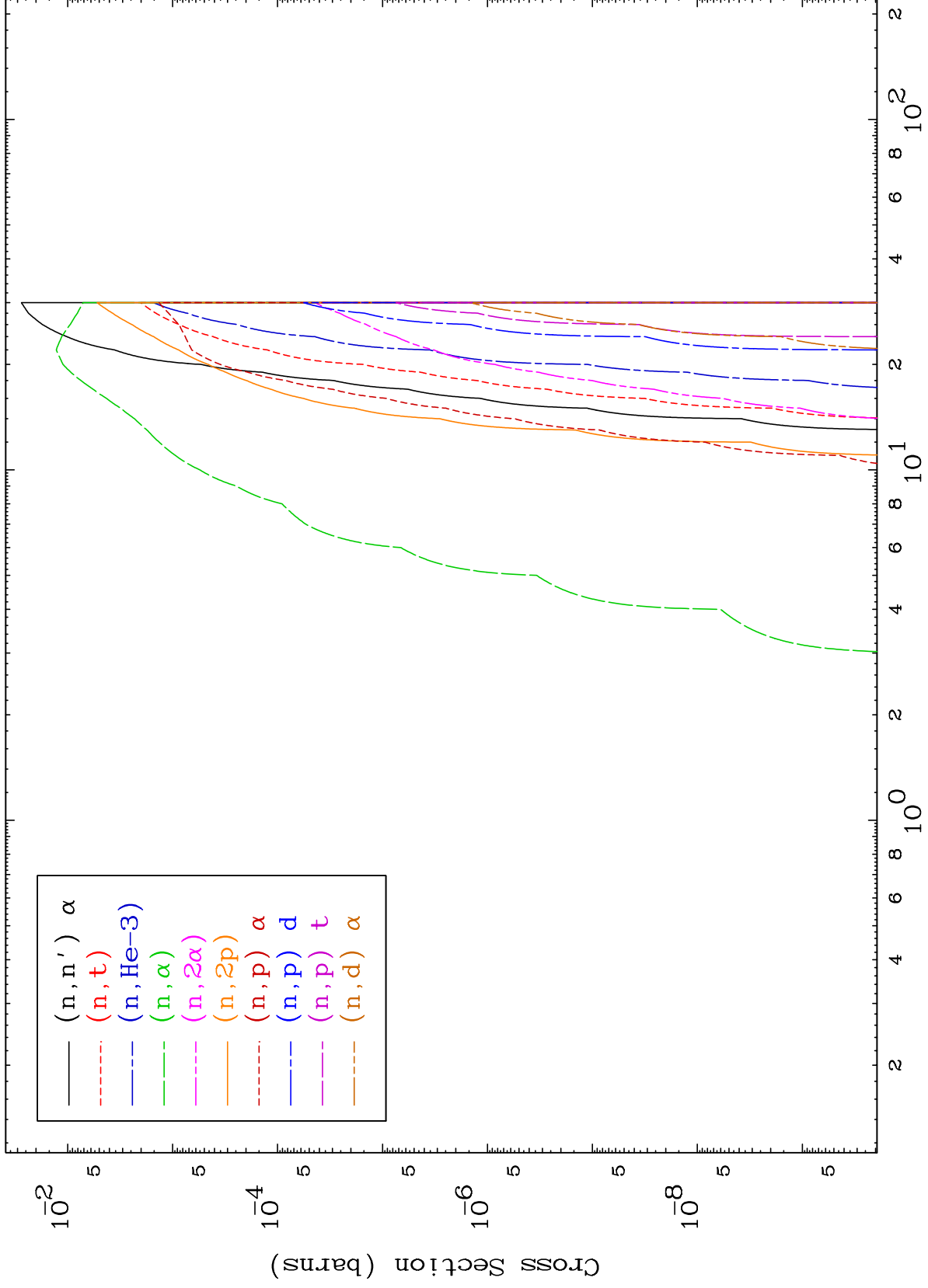
Incident Energy (MeV)

54-Xe-124

MAT 5425

Proton Charged Particle
0 Kelvin Cross Sections

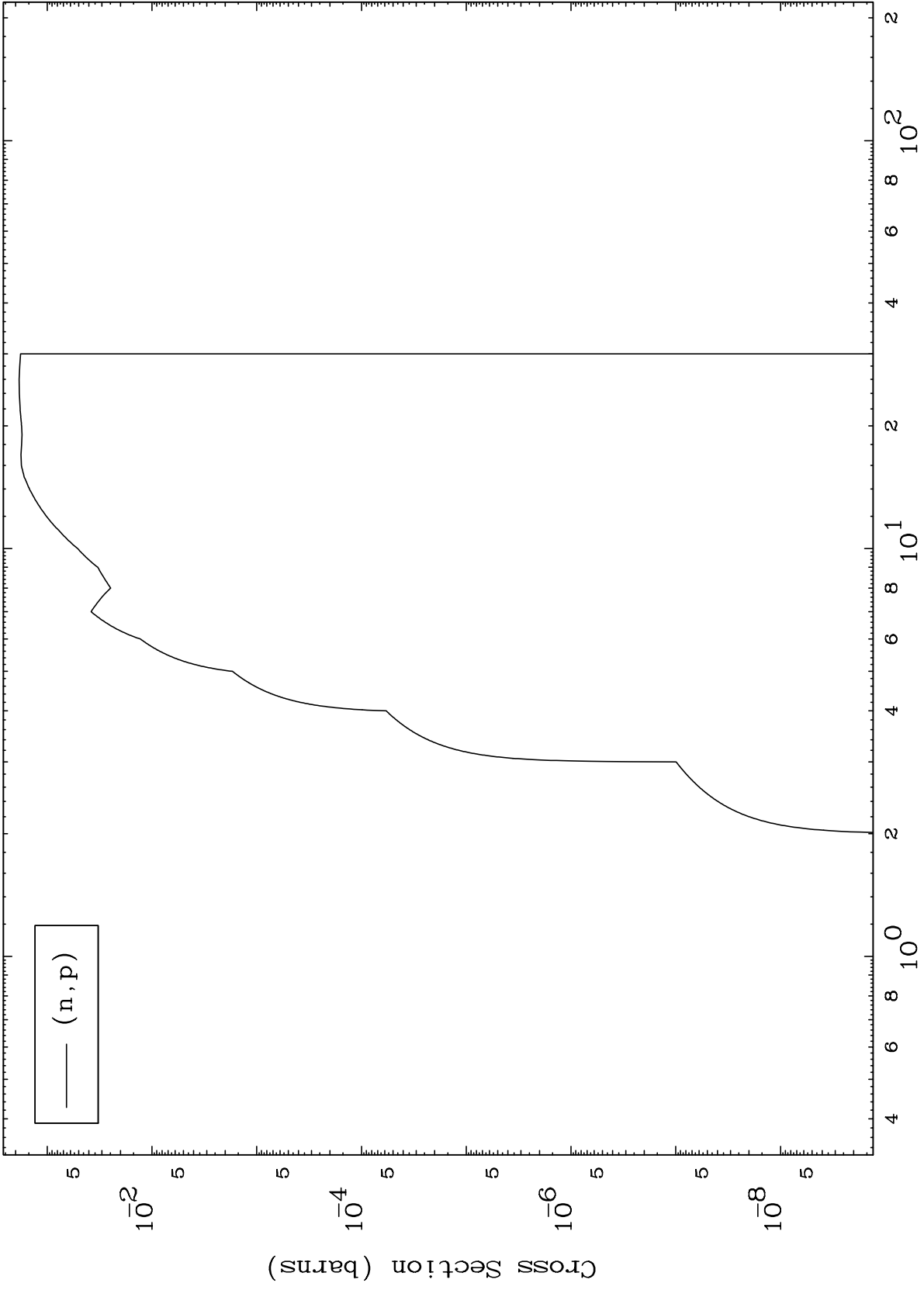
54-Xe-124



MAT 5425

54-Xe-124

(p,p) Levels
0 Kelvin Cross Sections



7

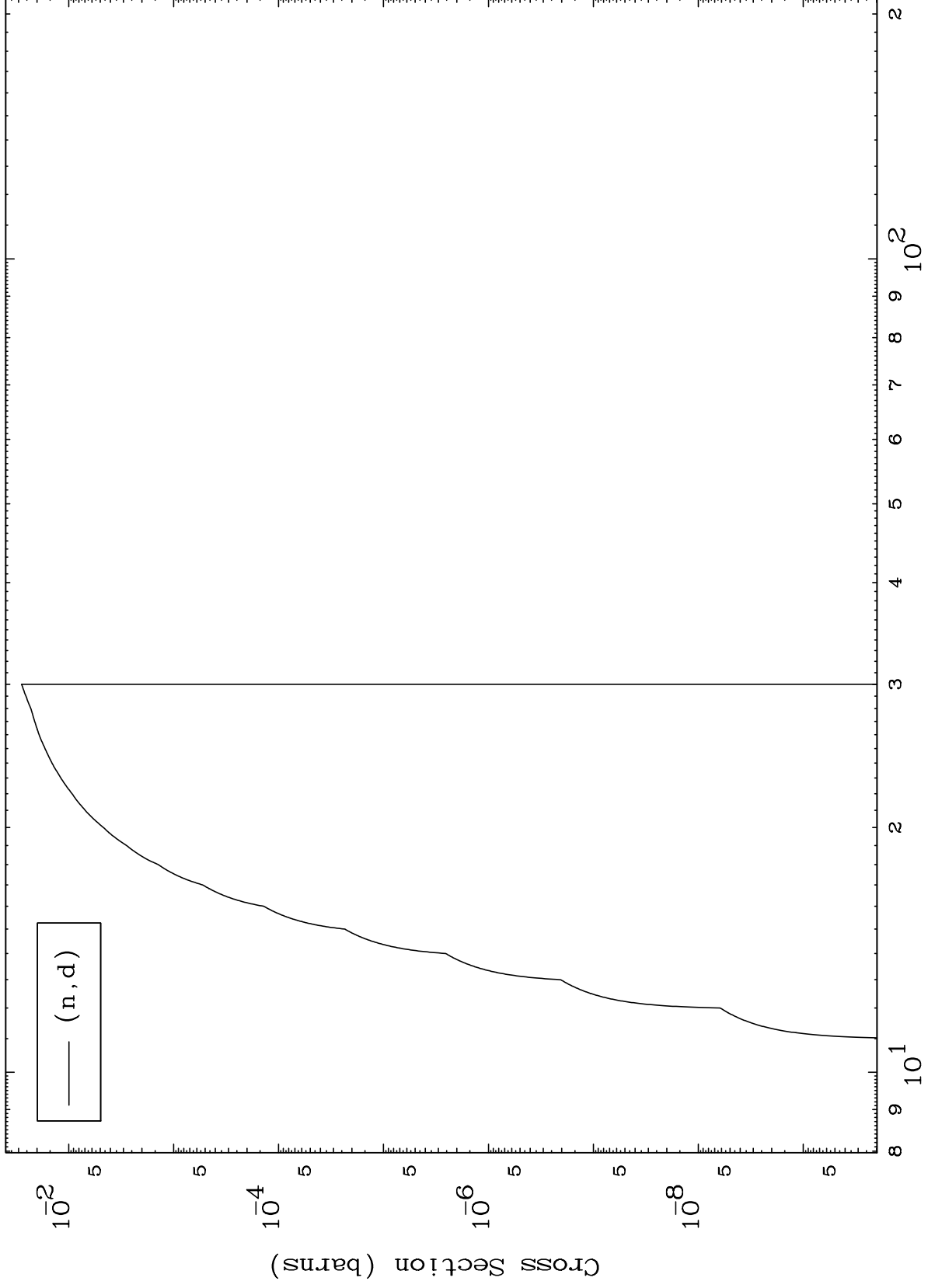
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p,d) Levels
0 Kelvin Cross Sections

54-Xe-124



8

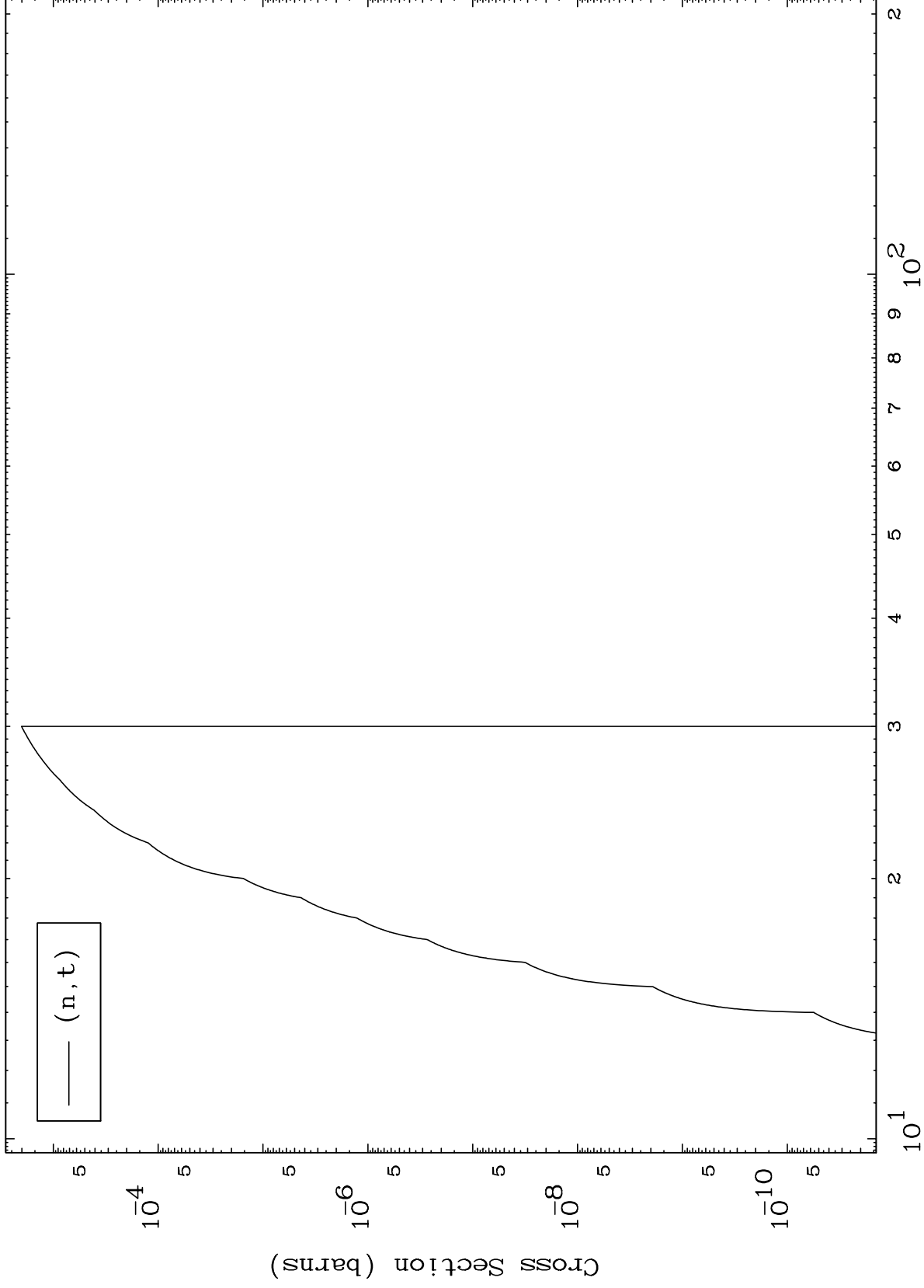
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p,t) Levels
0 Kelvin Cross Sections

54-Xe-124



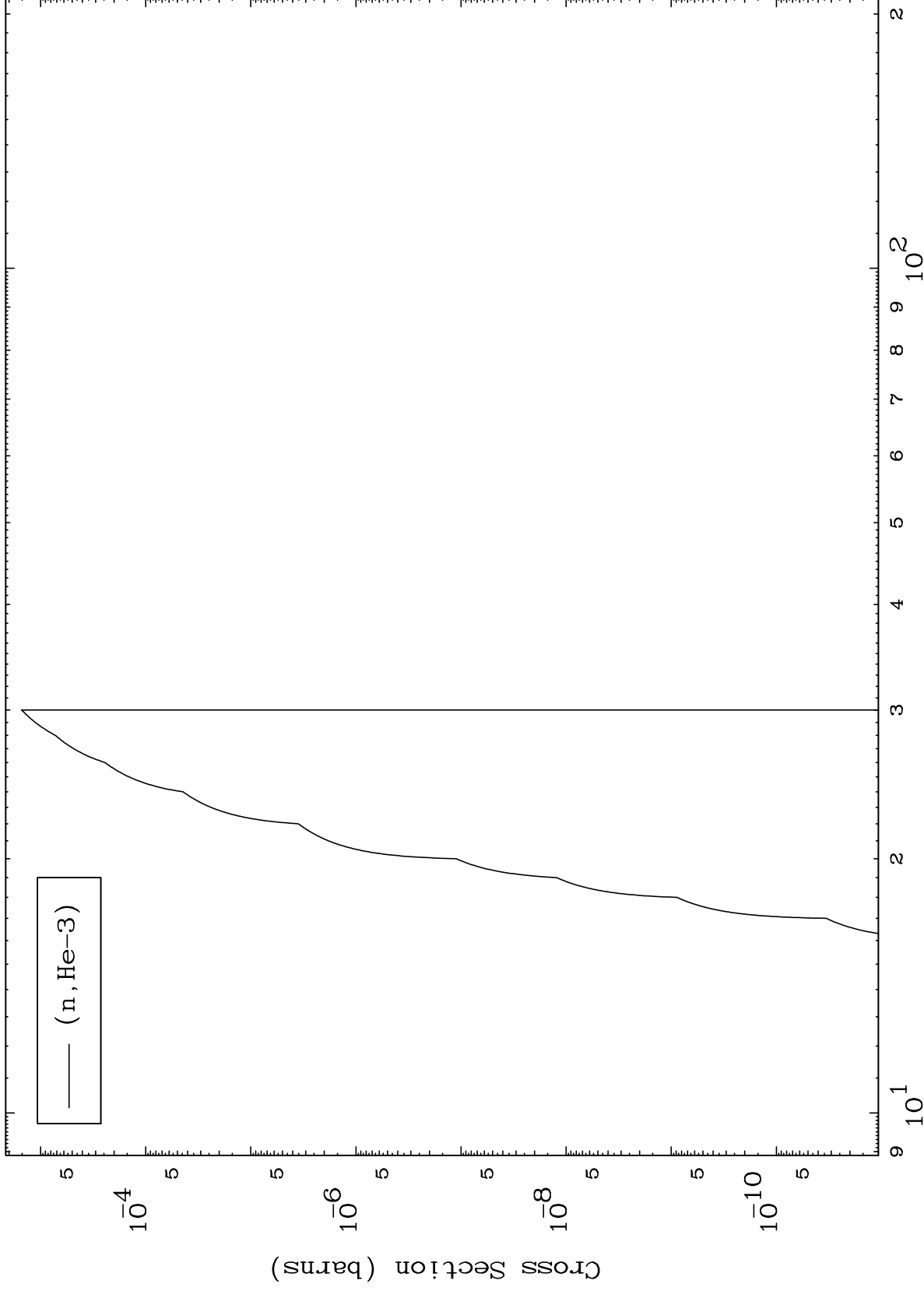
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p,He3) Levels
0 Kelvin Cross Sections

54-Xe-124



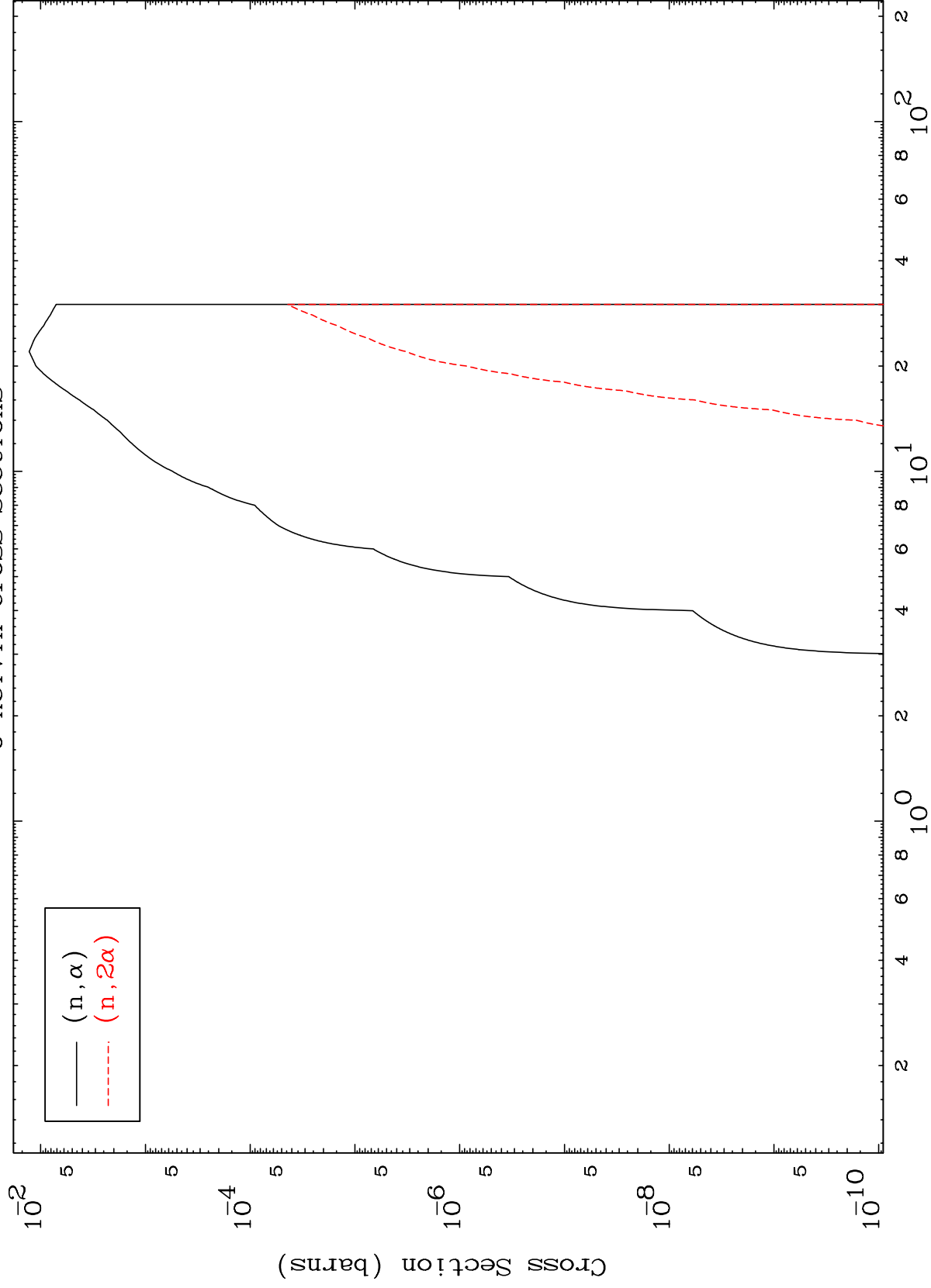
Incident Energy (MeV)

54-Xe-124

MAT 5425

(p, α) Levels
0 Kelvin Cross Sections

54-Xe-124



11

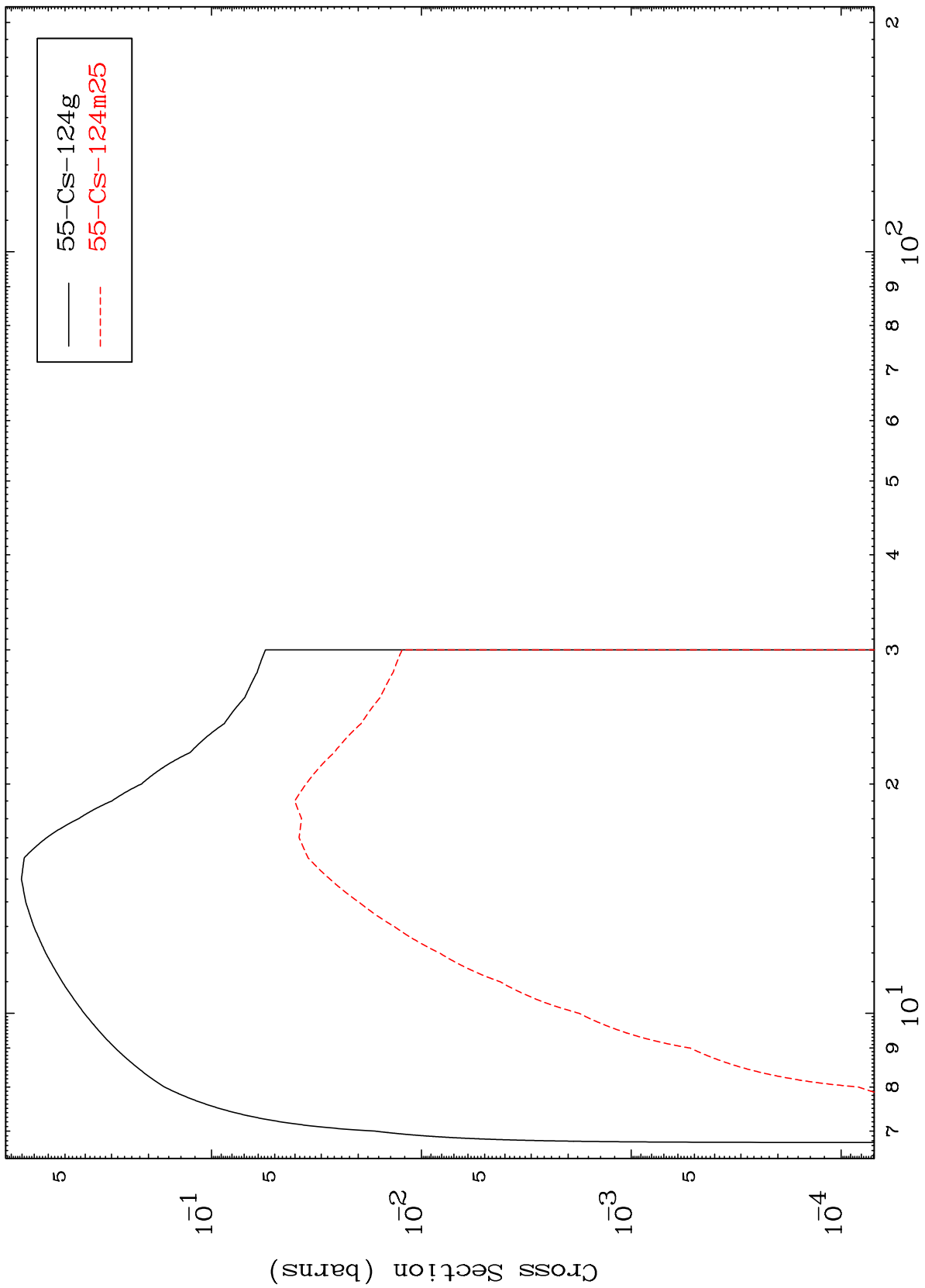
Incident Energy (MeV)

54-Xe-124

MAT 5425

Inelastic
Radionuclide Production Cross Section

54-Xe-124



55-Cs-124g
55-Cs-124m25

12

Incident Energy (MeV)

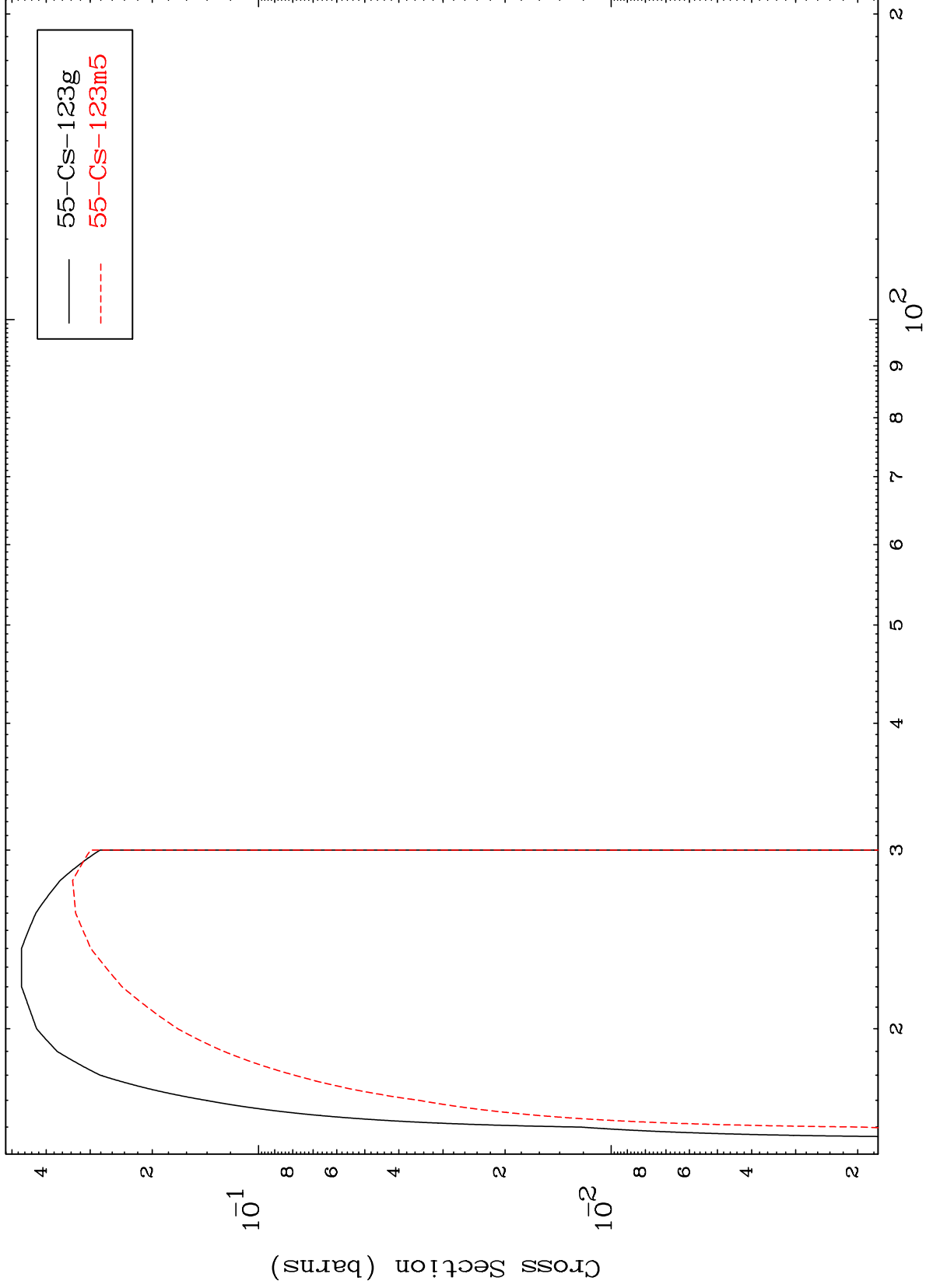
54-Xe-124

MAT 5425

(n,2n)

54-Xe-124

Radionuclide Production Cross Section



13

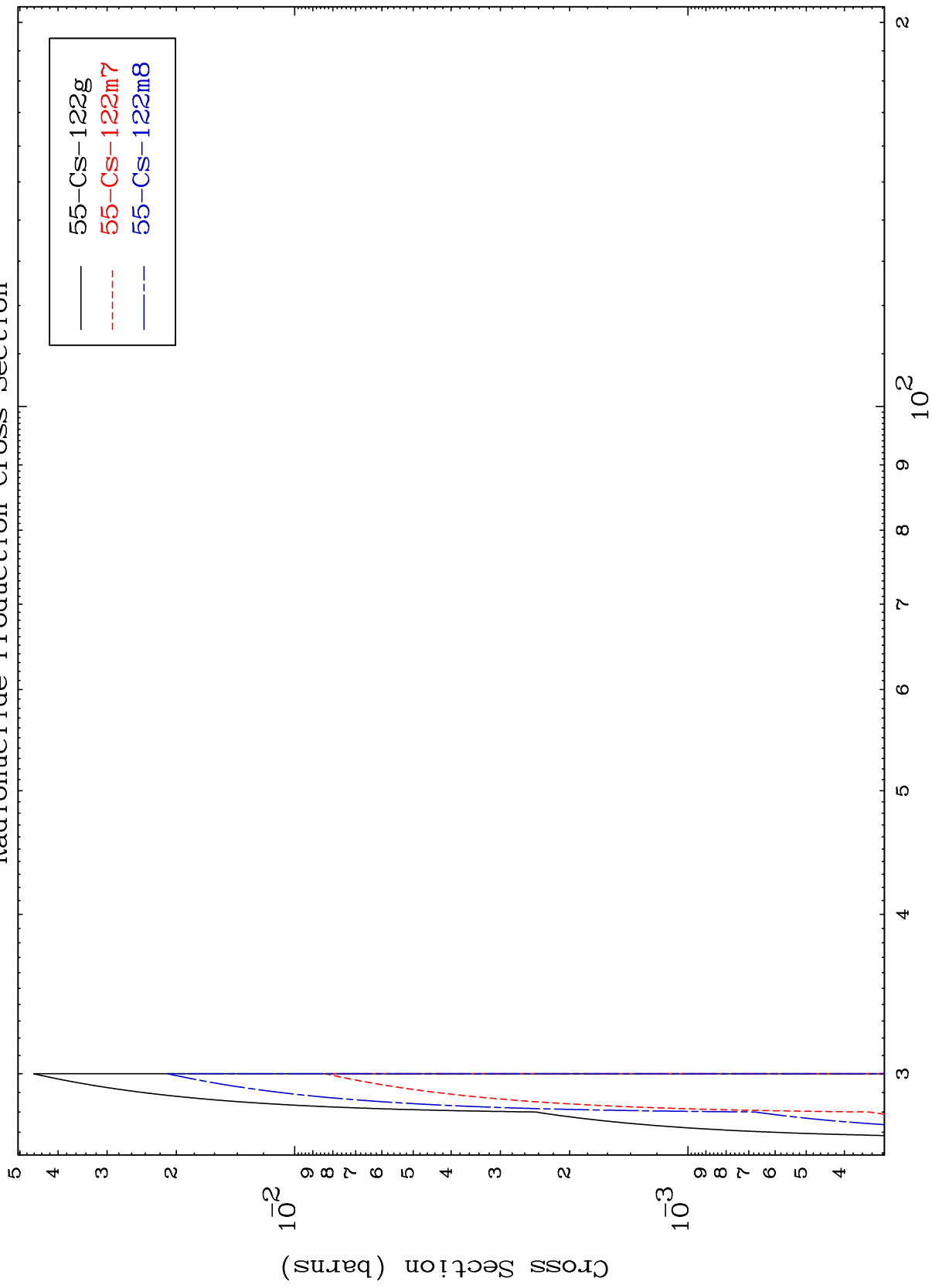
Incident Energy (MeV)

54-Xe-124

MAT 5425

54-Xe-124

(n,3n)
Radionuclide Production Cross Section



14

54-Xe-124

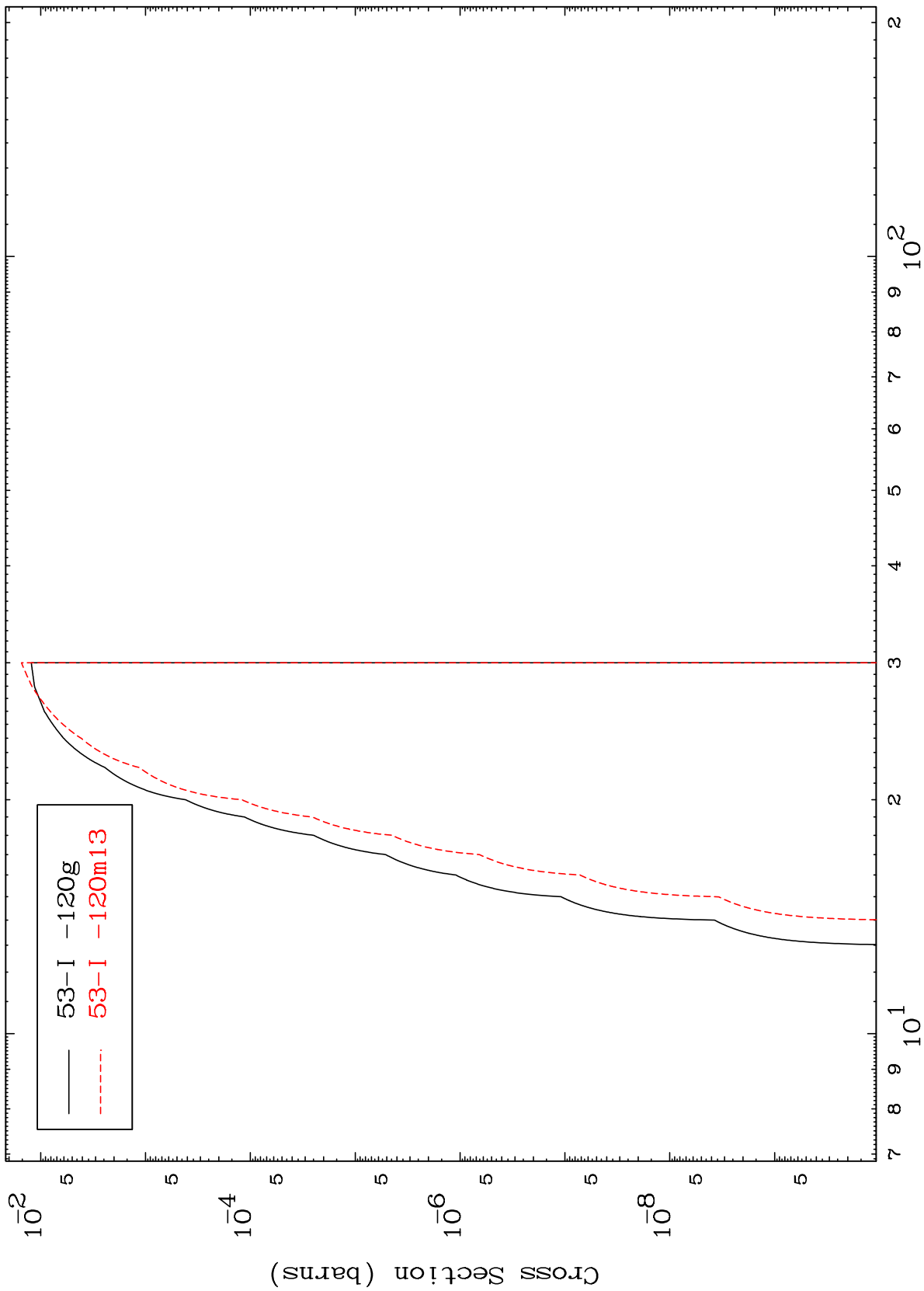
Incident Energy (MeV)

MAT 5425

(n,n') α

54-Xe-124

Radionuclide Production Cross Section



15

Incident Energy (MeV)

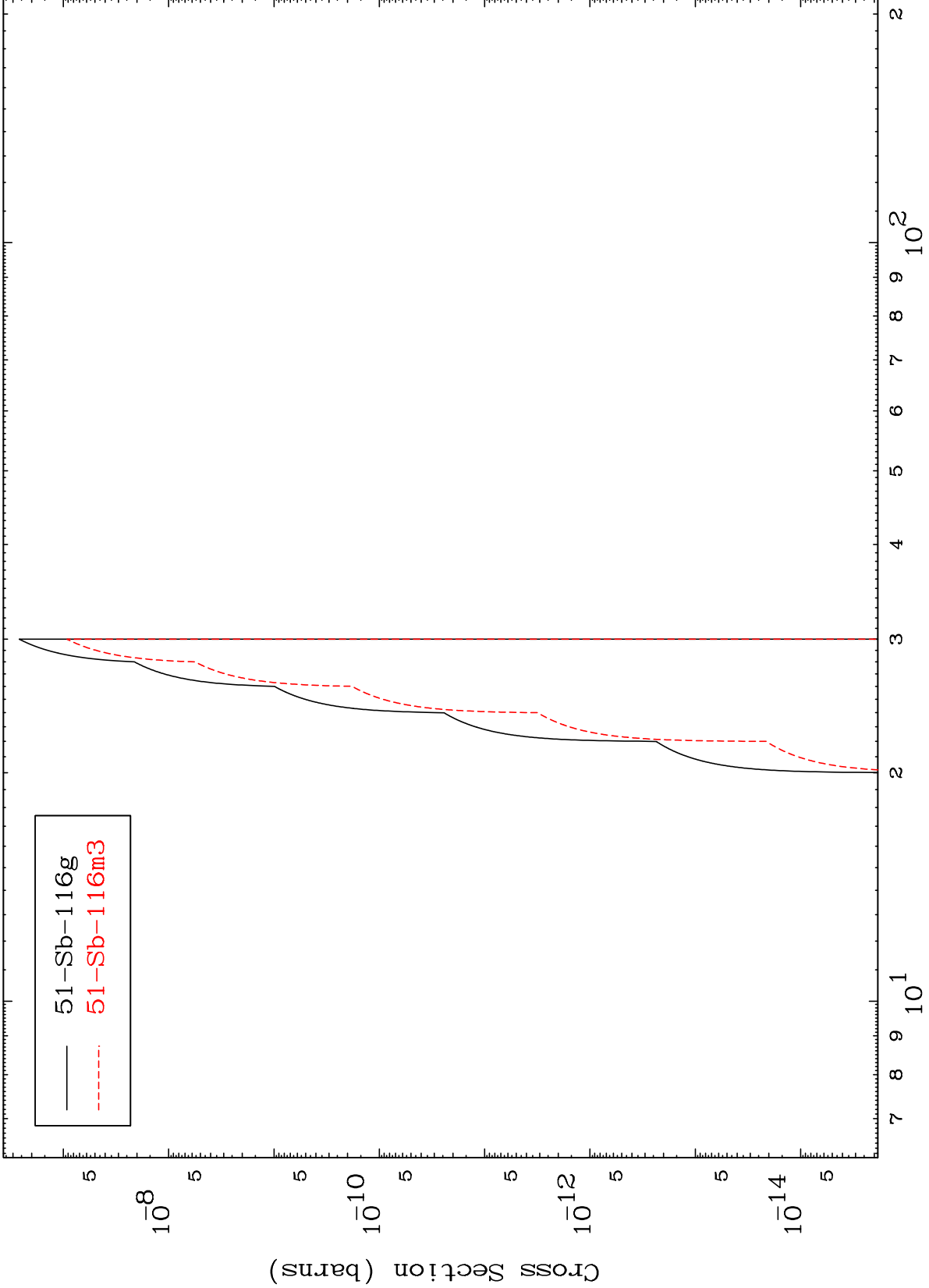
54-Xe-124

MAT 5425

(n,n') 2α

54-Xe-124

Radionuclide Production Cross Section



51-Sb-116g
51-Sb-116m3

16

Incident Energy (MeV)

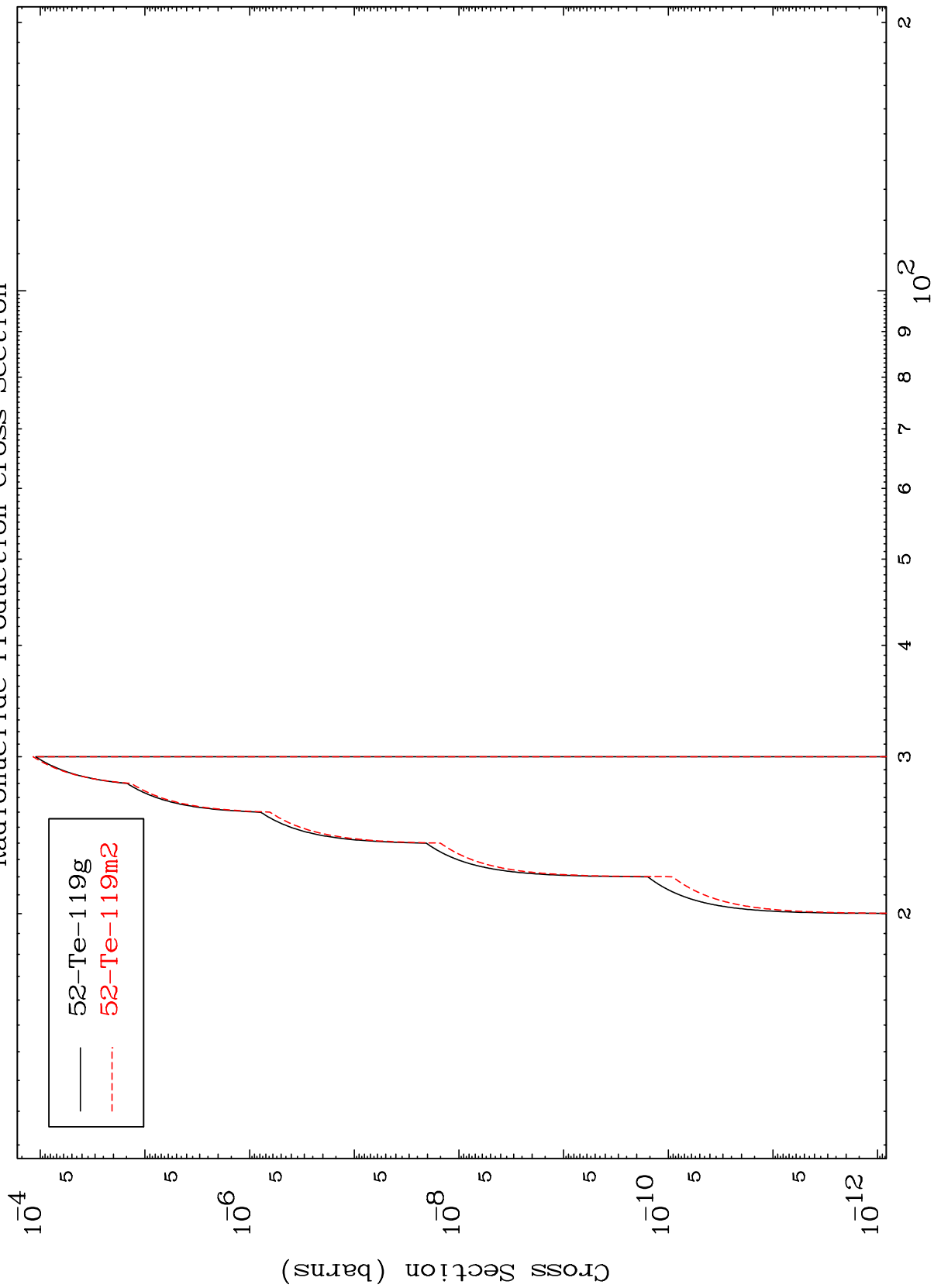
54-Xe-124

MAT 5425

(n,n') p α

54-Xe-124

Radionuclide Production Cross Section



17

Incident Energy (MeV)

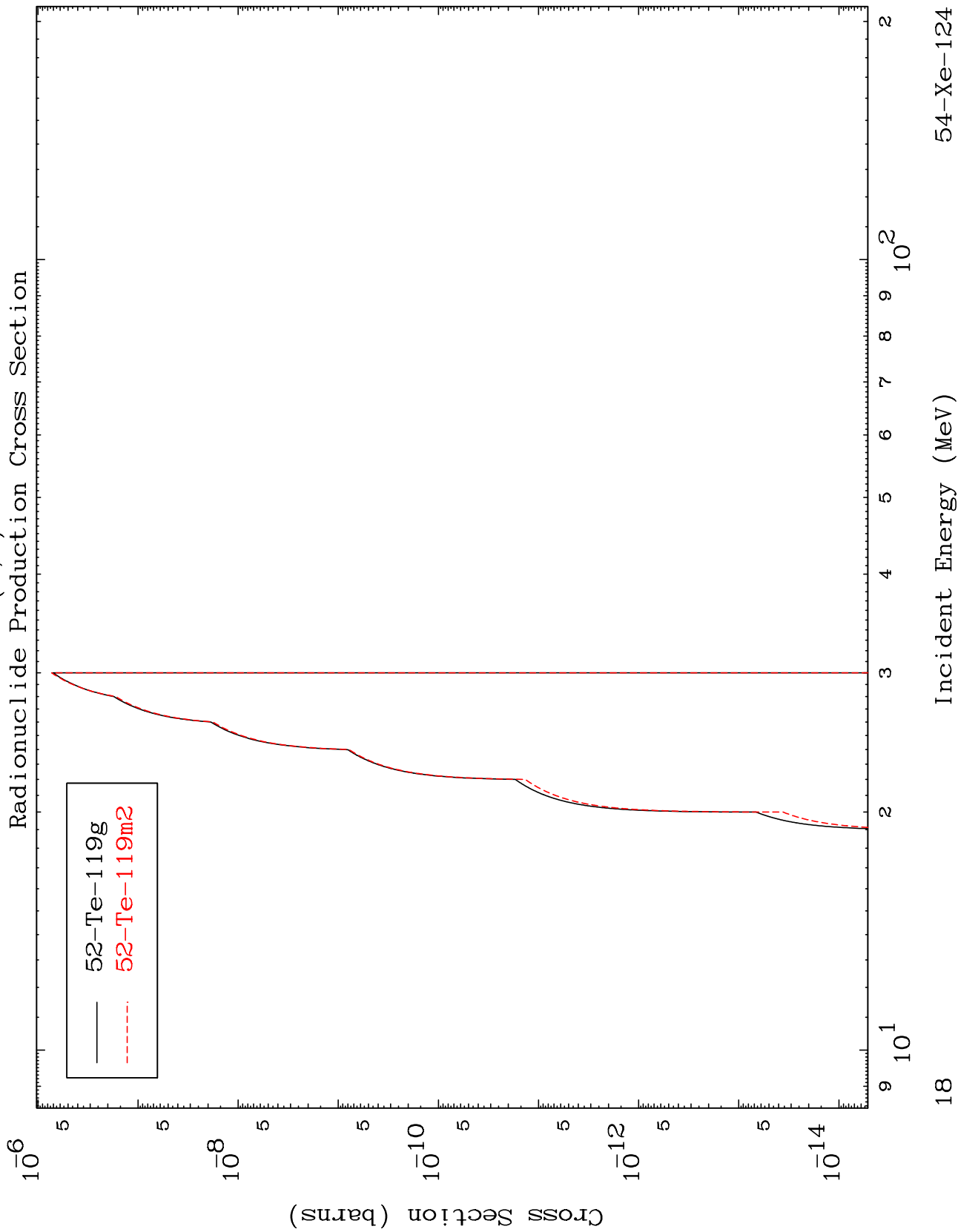
54-Xe-124

MAT 5425

(n,d) α

54-Xe-124

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-124