

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

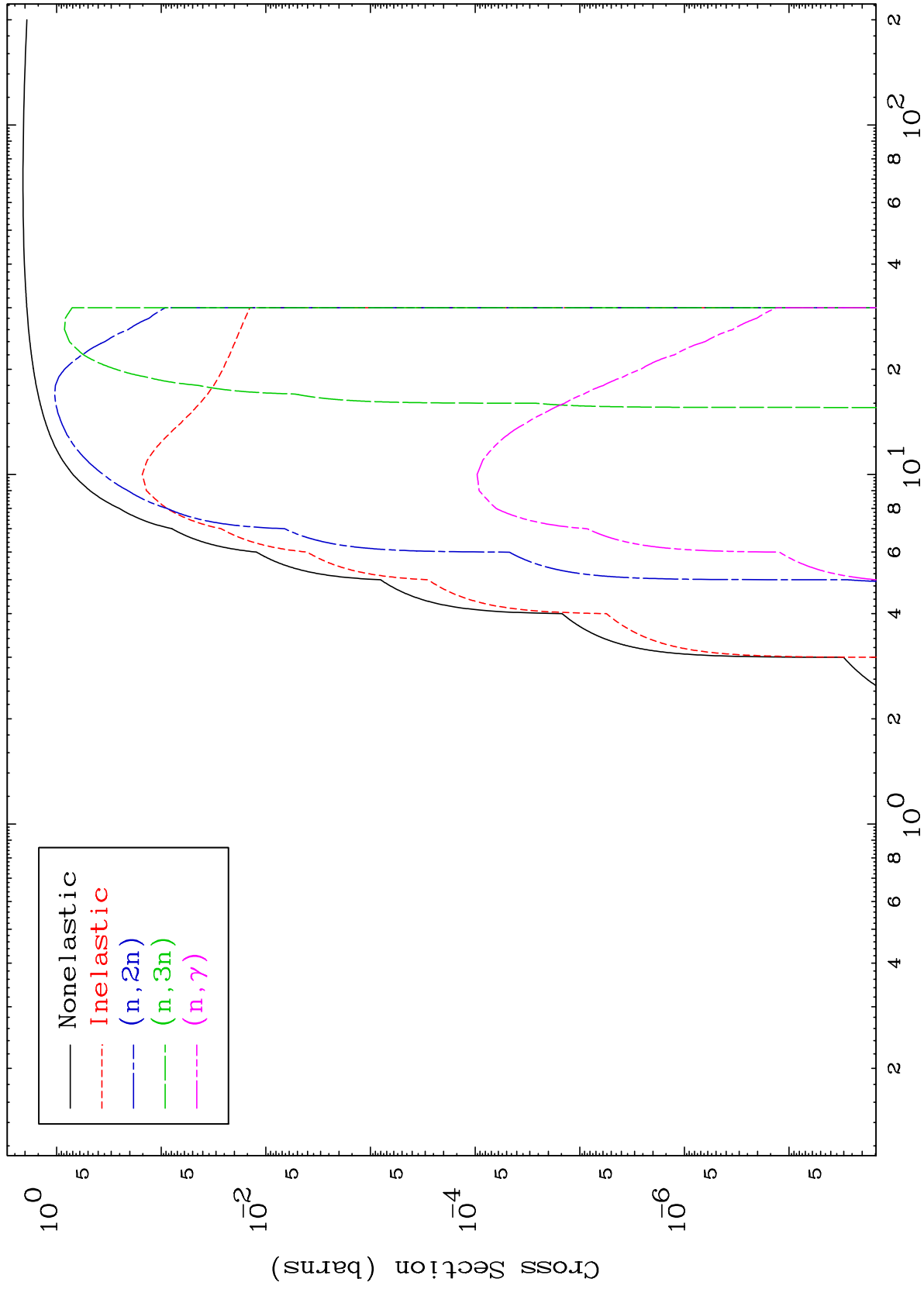
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5425

Triton Major
0 Kelvin Cross Sections

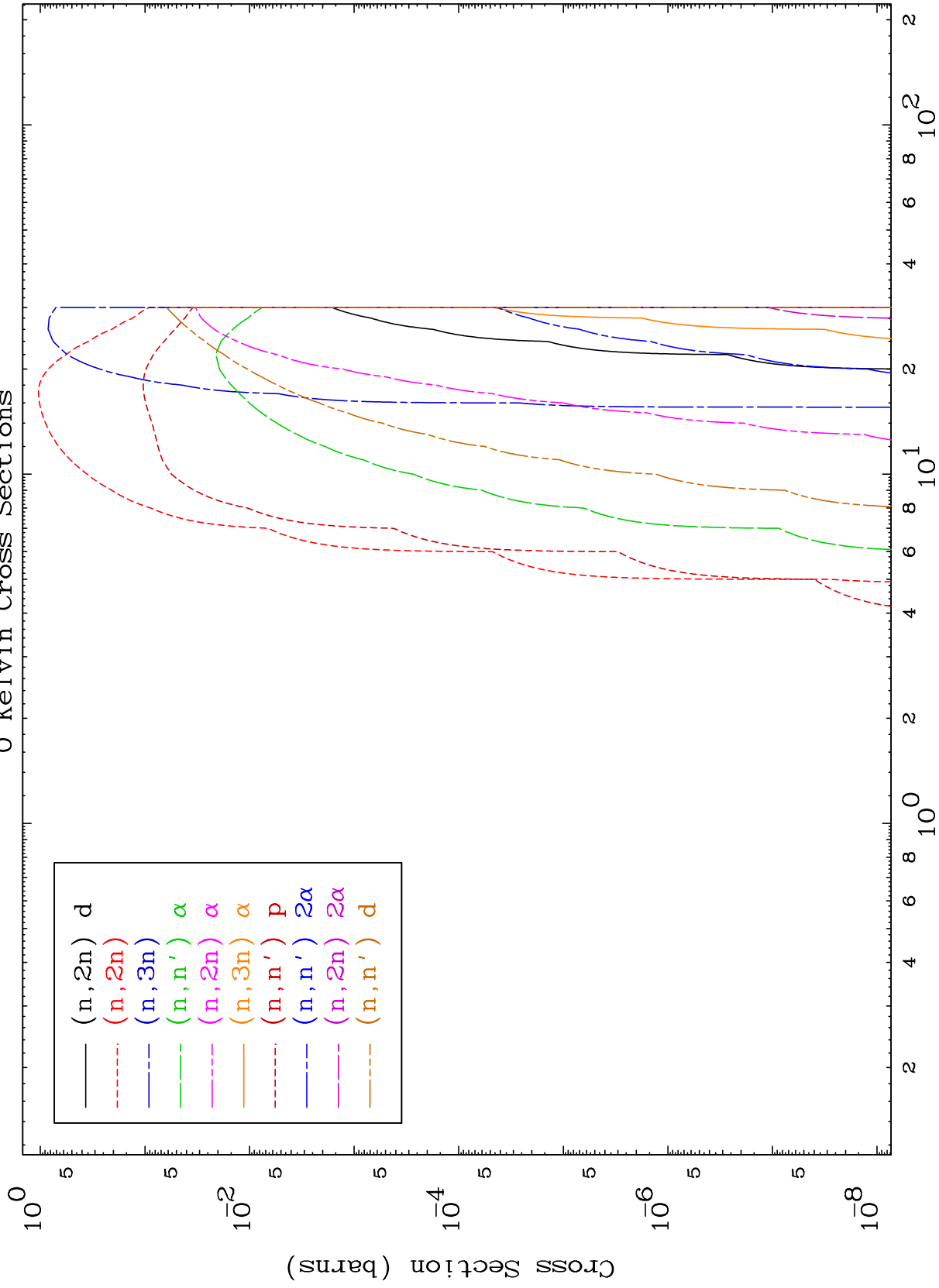
54-Xe-124



MAT 5425

Triton Neutron Absorption
0 Kelvin Cross Sections

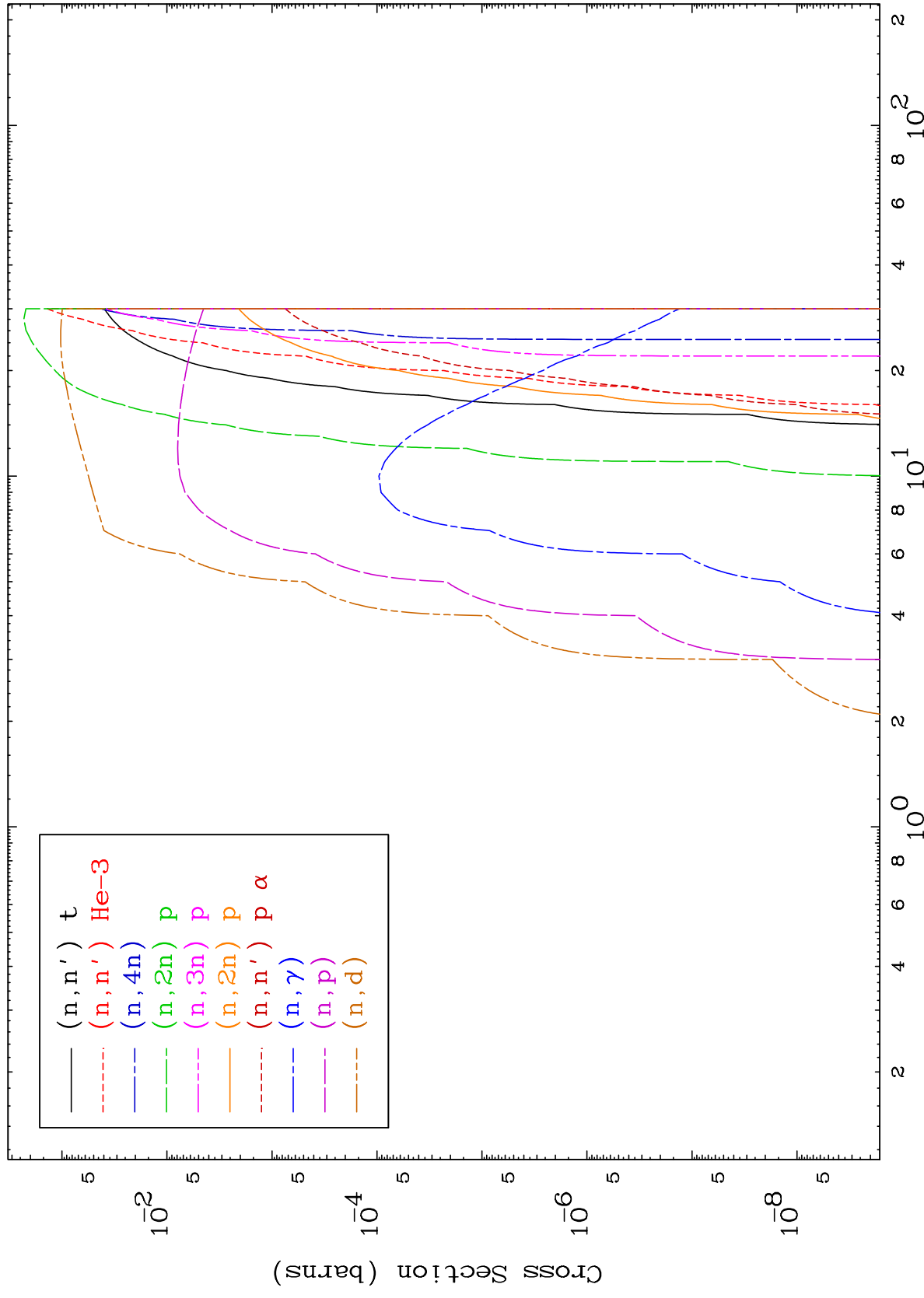
54-Xe-124

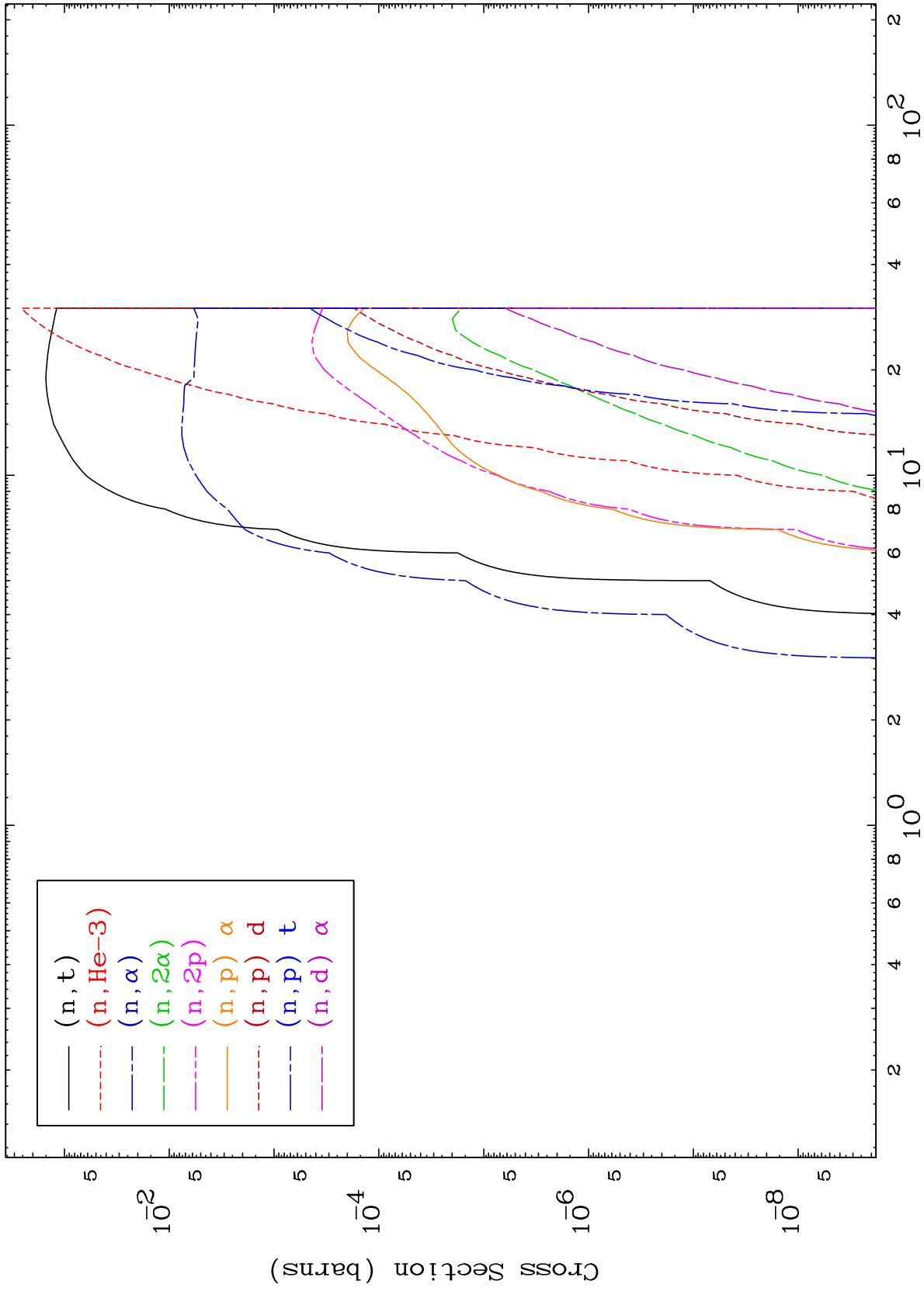


2

Incident Energy (MeV)

54-Xe-124

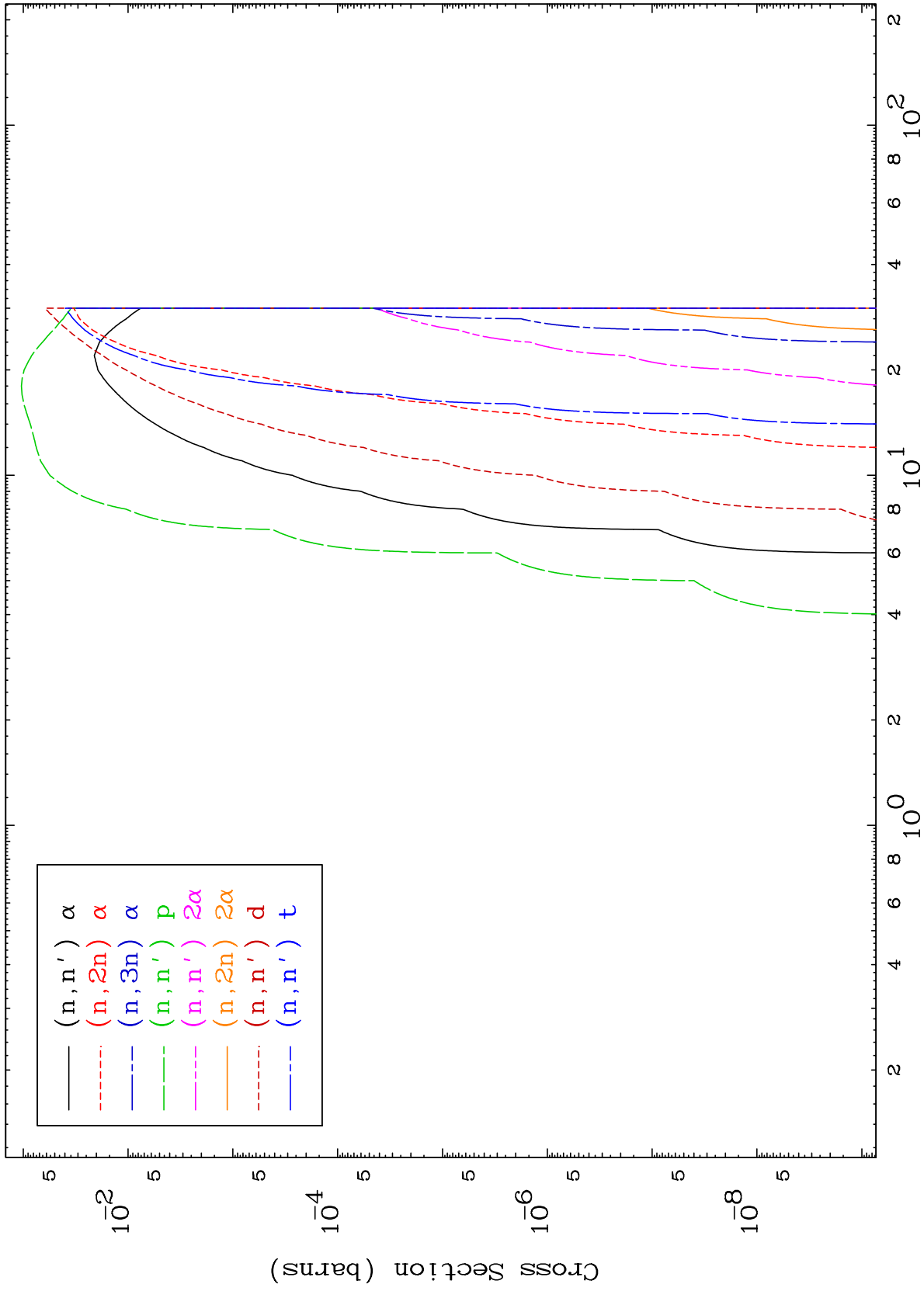




MAT 5425

Triton Charged Particle
0 Kelvin Cross Sections

54-Xe-124



5

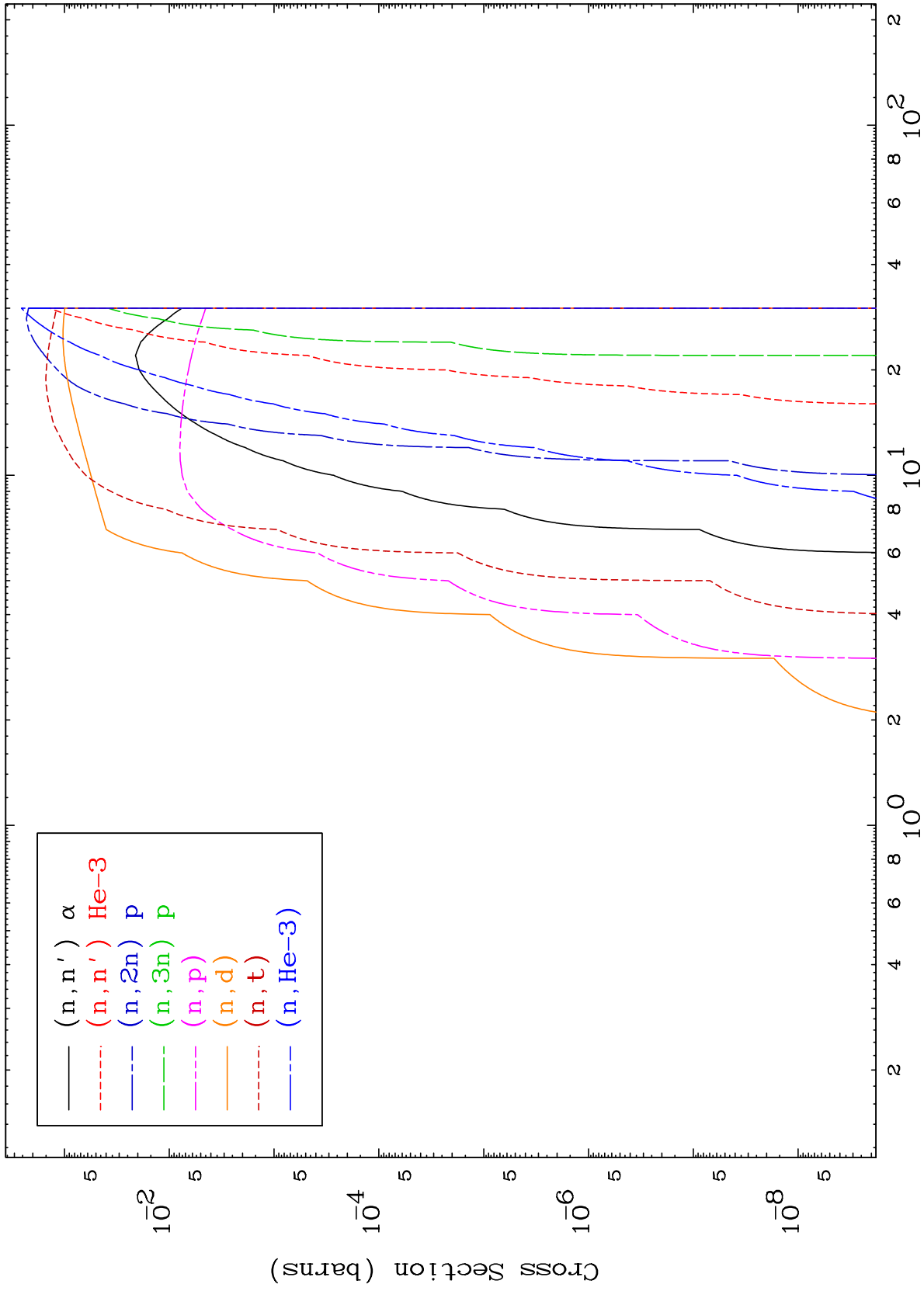
Incident Energy (MeV)

54-Xe-124

MAT 5425

Triton Charged Particle
0 Kelvin Cross Sections

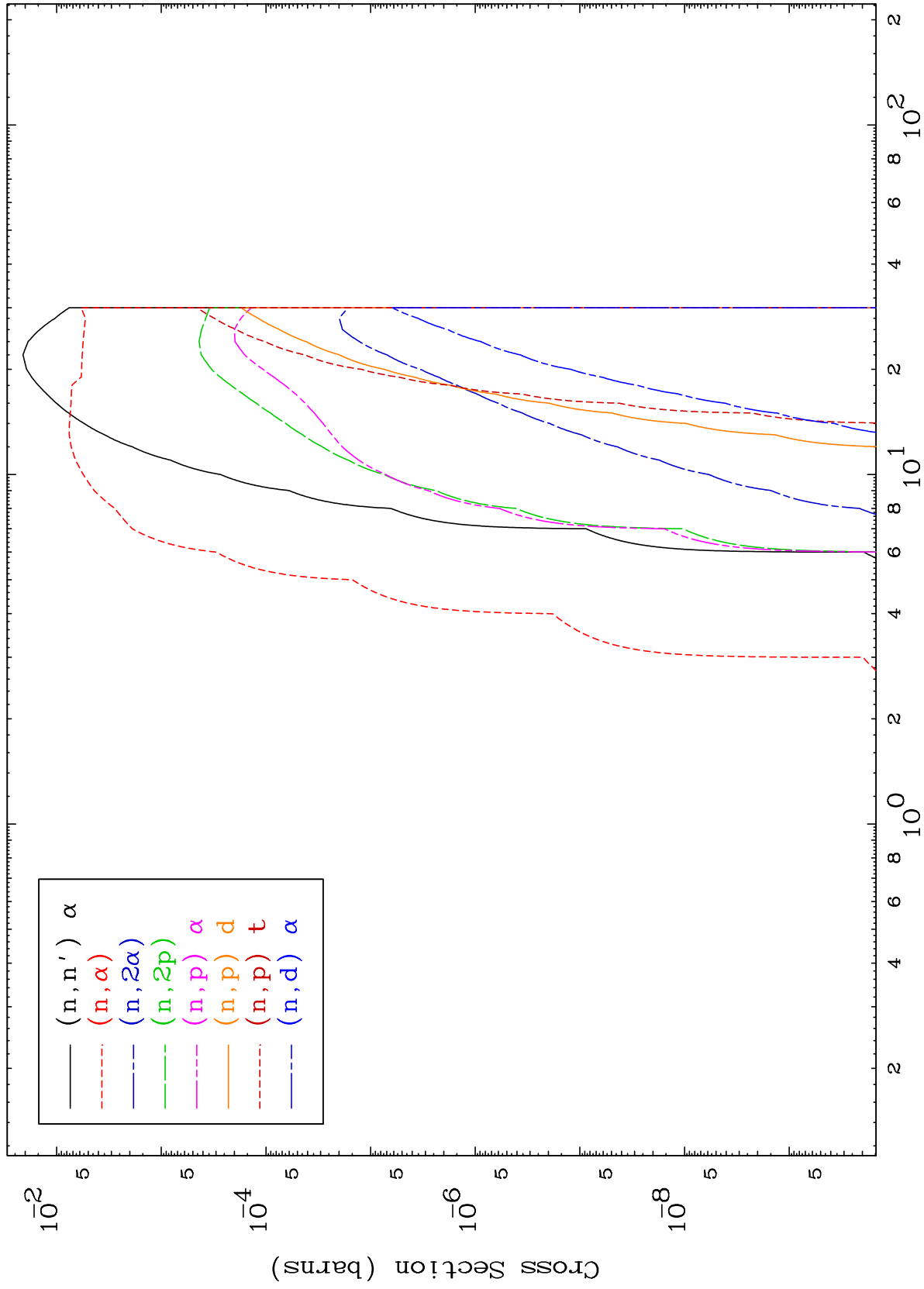
54-Xe-124



6

Incident Energy (MeV)

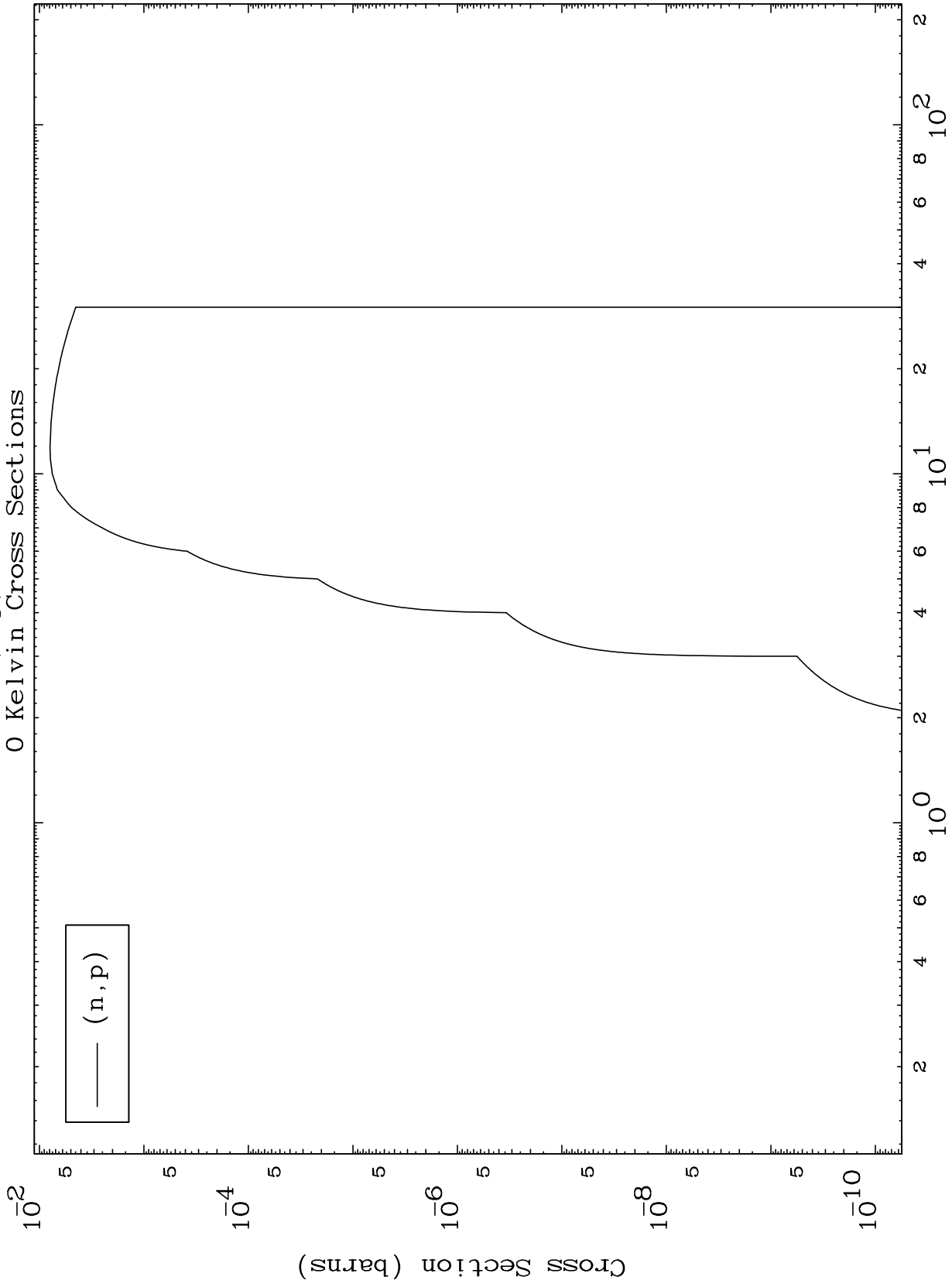
54-Xe-124



MAT 5425

(t,p) Levels
0 Kelvin Cross Sections

54-Xe-124



8

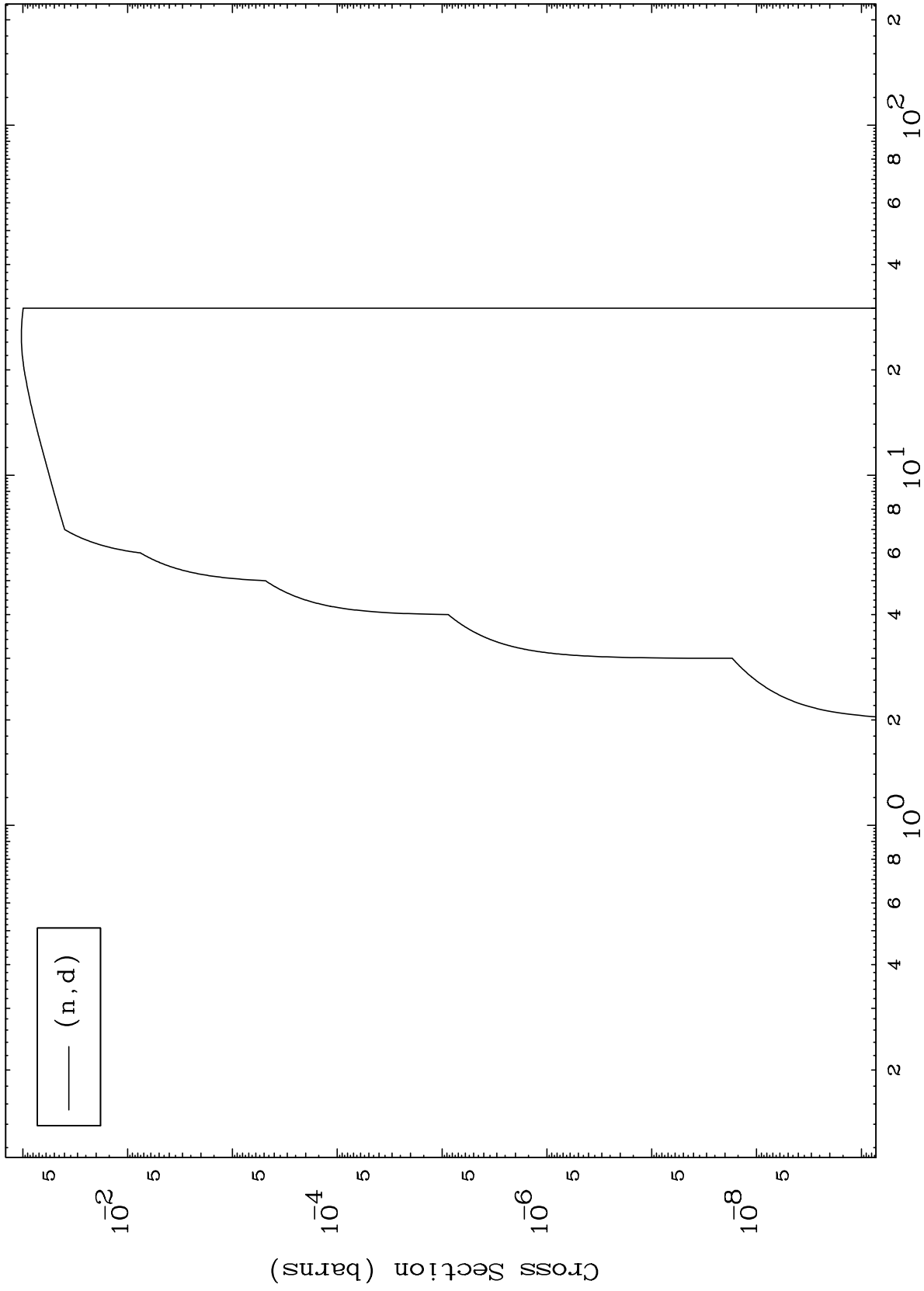
Incident Energy (MeV)

54-Xe-124

MAT 5425

(t,d) Levels
0 Kelvin Cross Sections

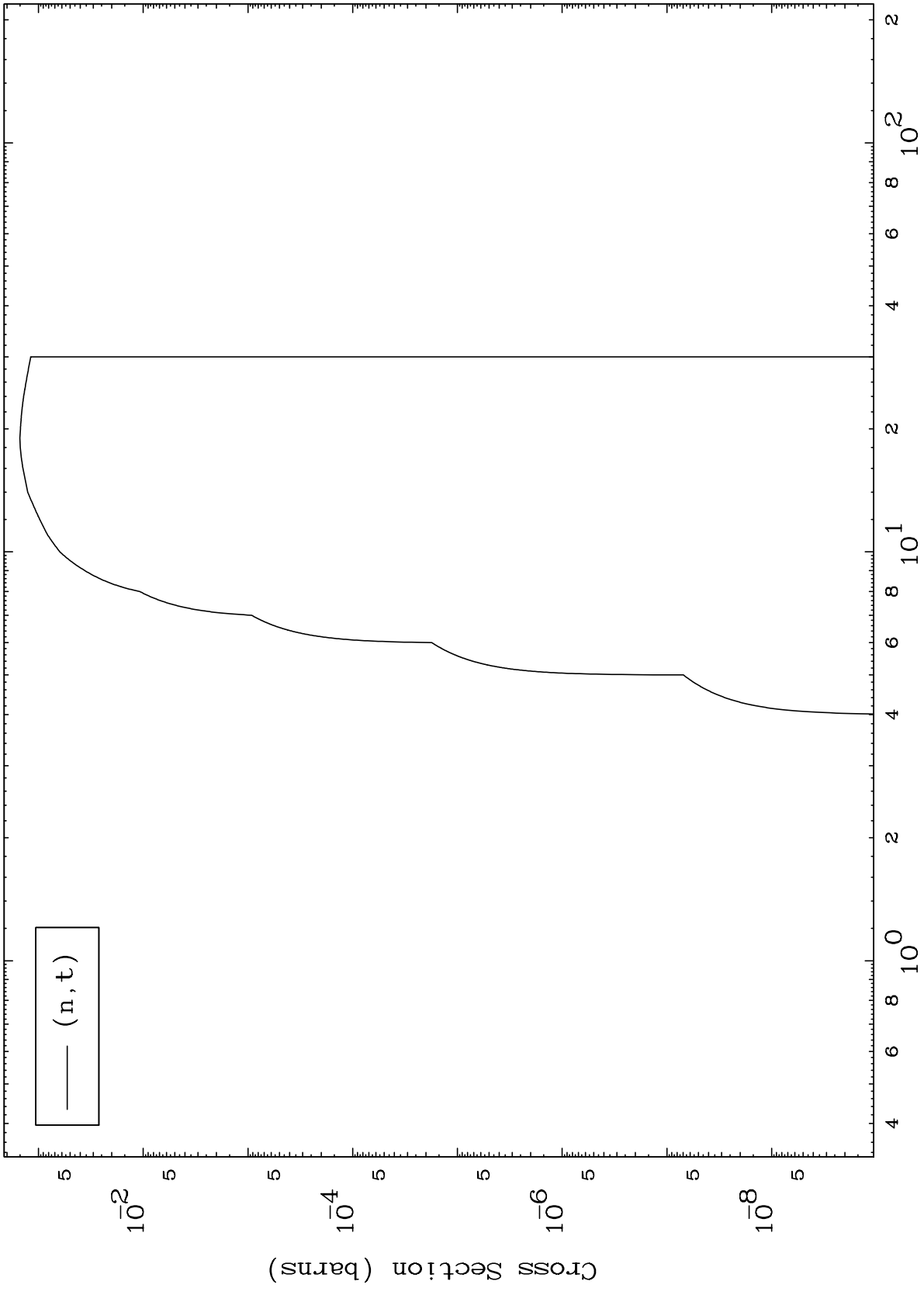
54-Xe-124



MAT 5425

54-Xe-124

(t,t) Levels
0 Kelvin Cross Sections



10

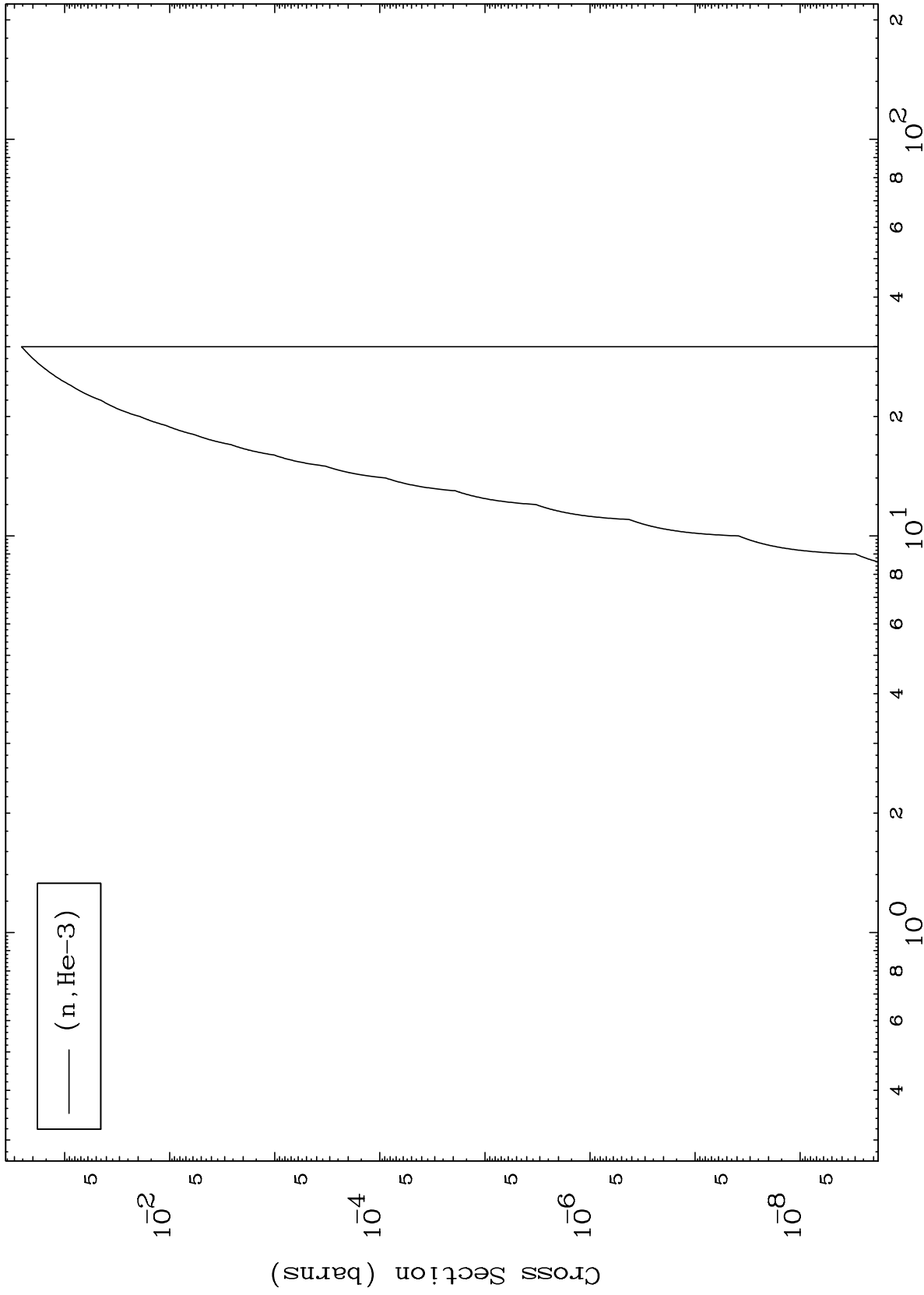
Incident Energy (MeV)

54-Xe-124

MAT 5425

(t,He3) Levels
0 Kelvin Cross Sections

54-Xe-124



11

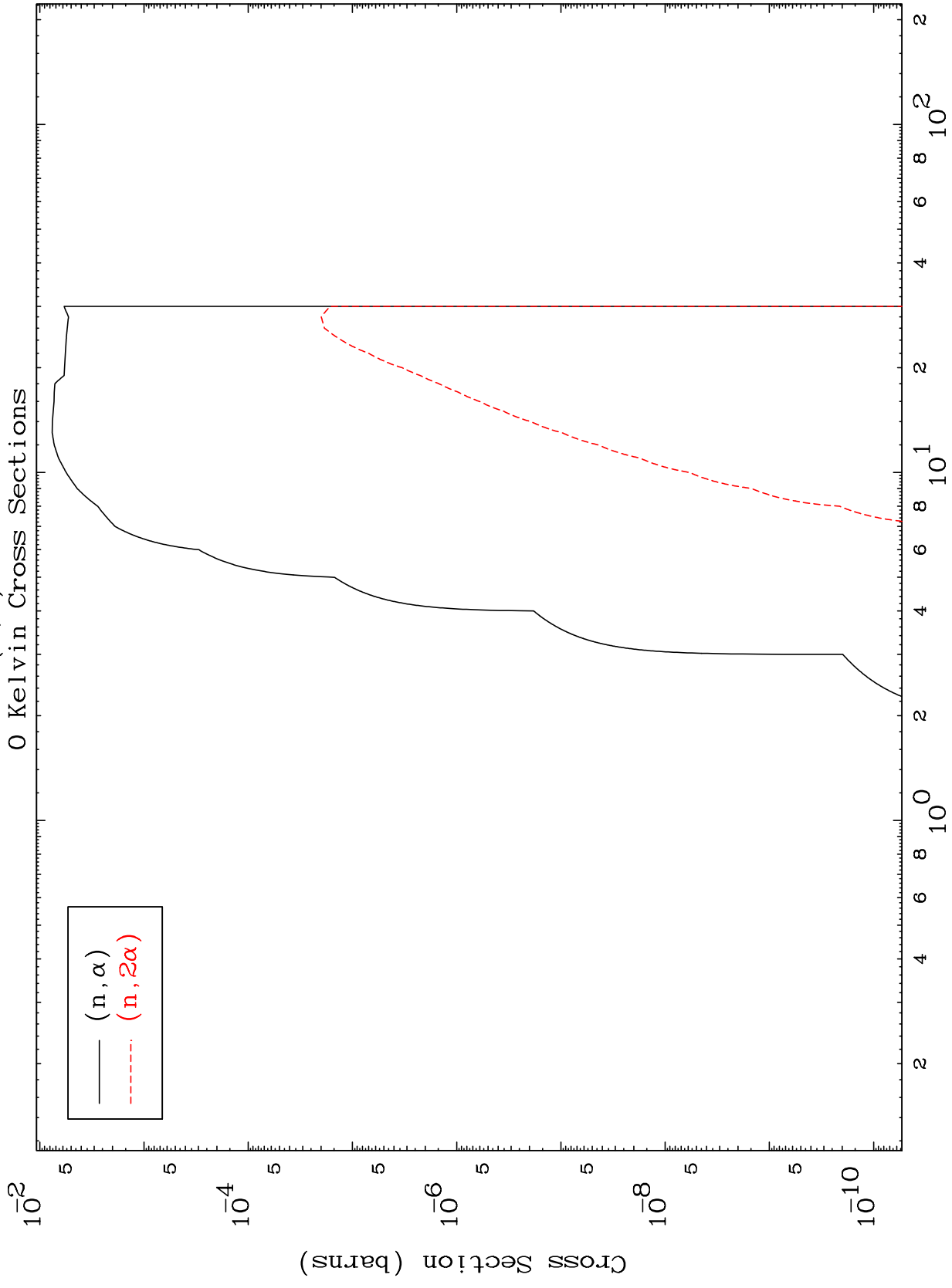
Incident Energy (MeV)

54-Xe-124

MAT 5425

(t, α) Levels
0 Kelvin Cross Sections

54-Xe-124



12

Incident Energy (MeV)

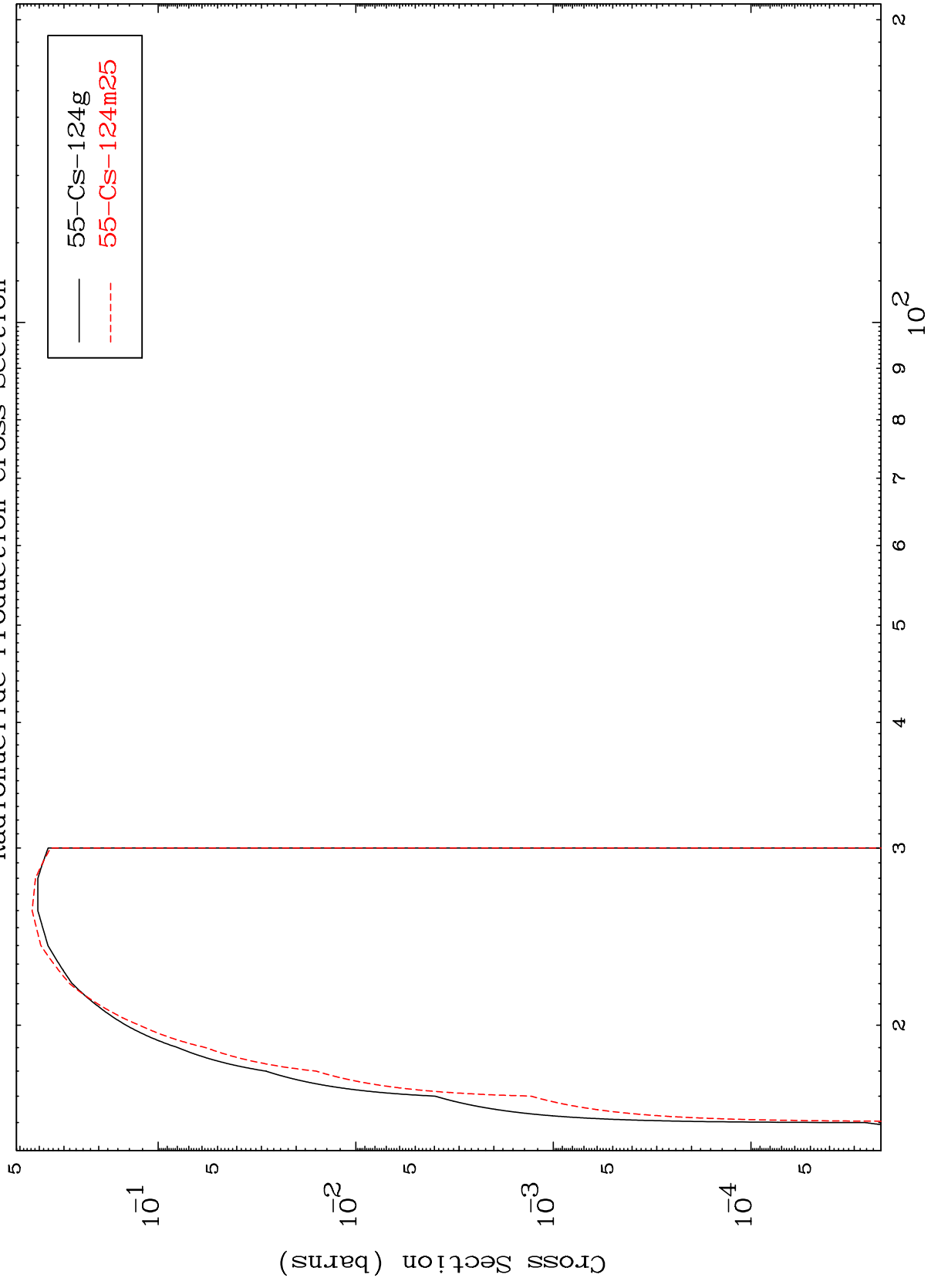
54-Xe-124

MAT 5425

(n,3n)

54-Xe-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

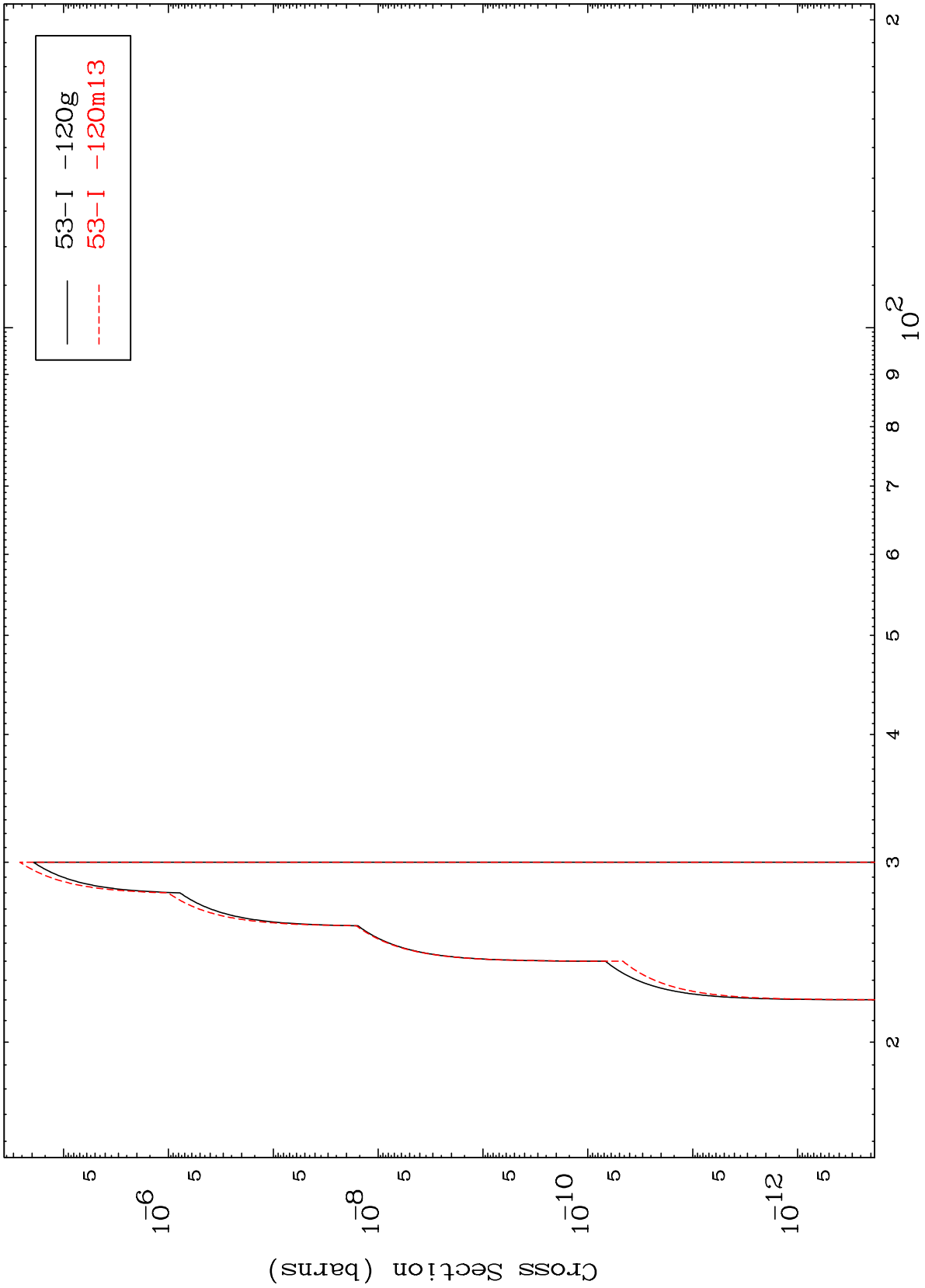
54-Xe-124

MAT 5425

(n,3n) α

54-Xe-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

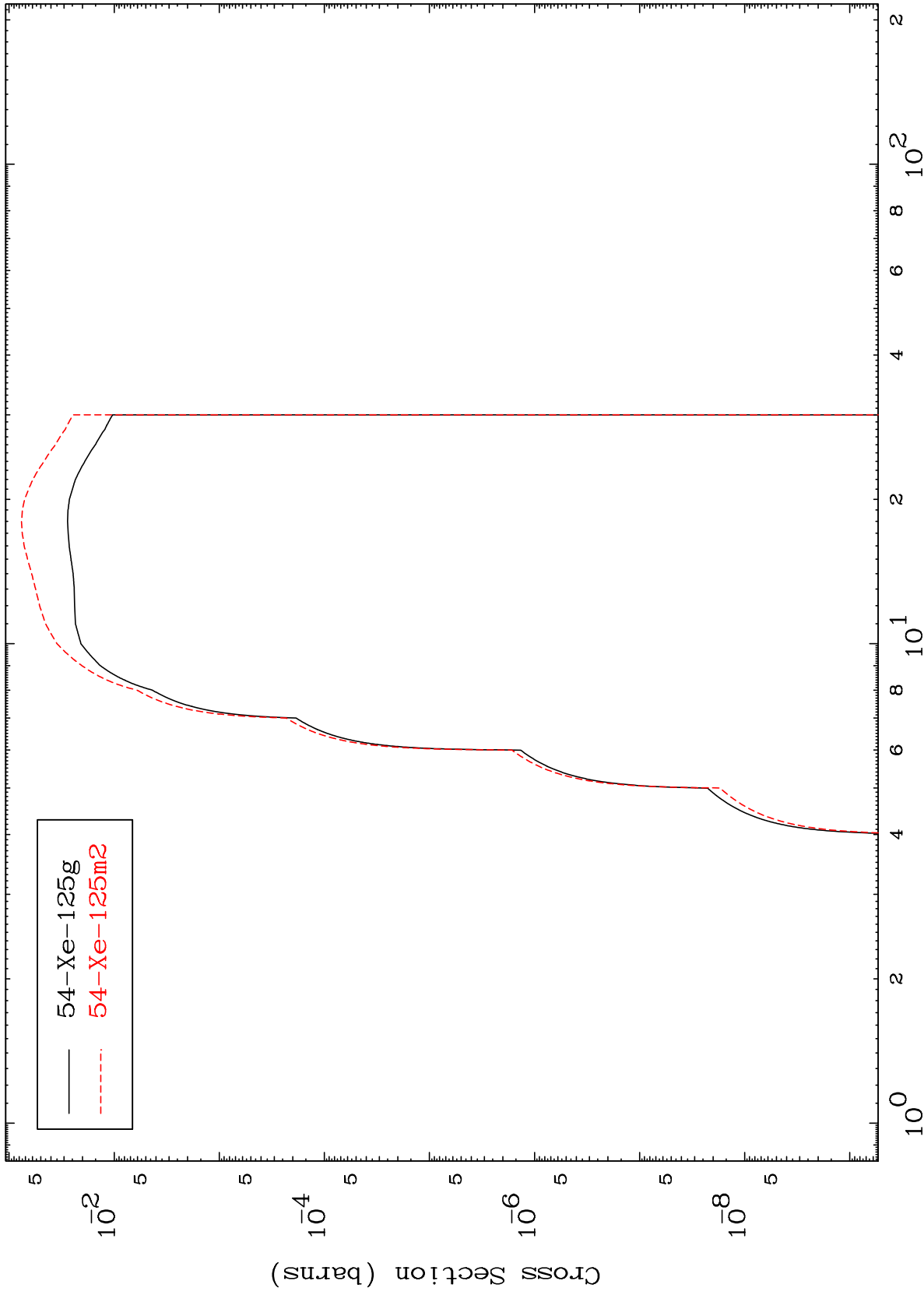
54-Xe-124

MAT 5425

(n,n') p

54-Xe-124

Radionuclide Production Cross Section



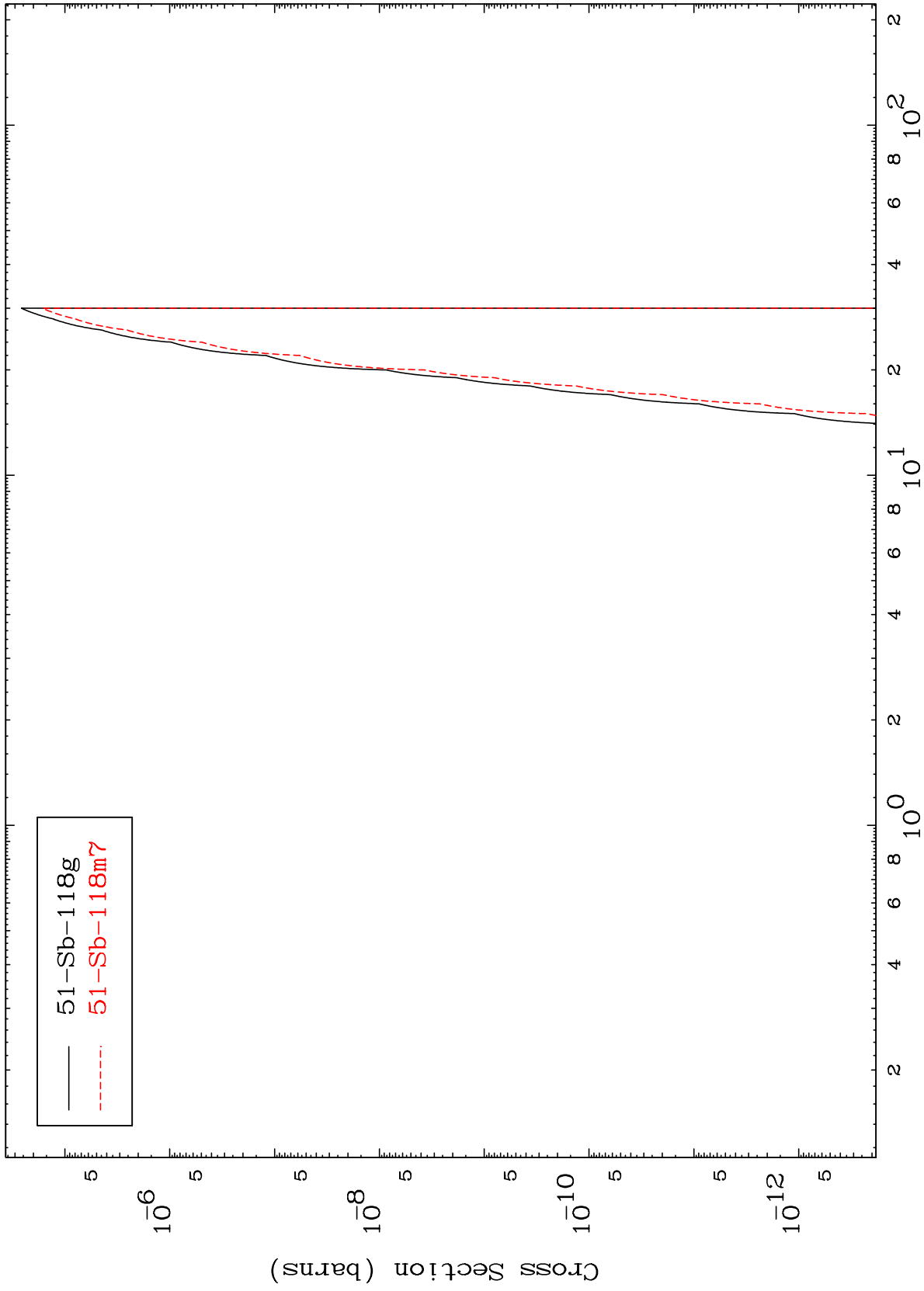
54-Xe-125g
54-Xe-125m2

MAT 5425

(n,n') 2 α

54-Xe-124

Radionuclide Production Cross Section



16

Incident Energy (MeV)

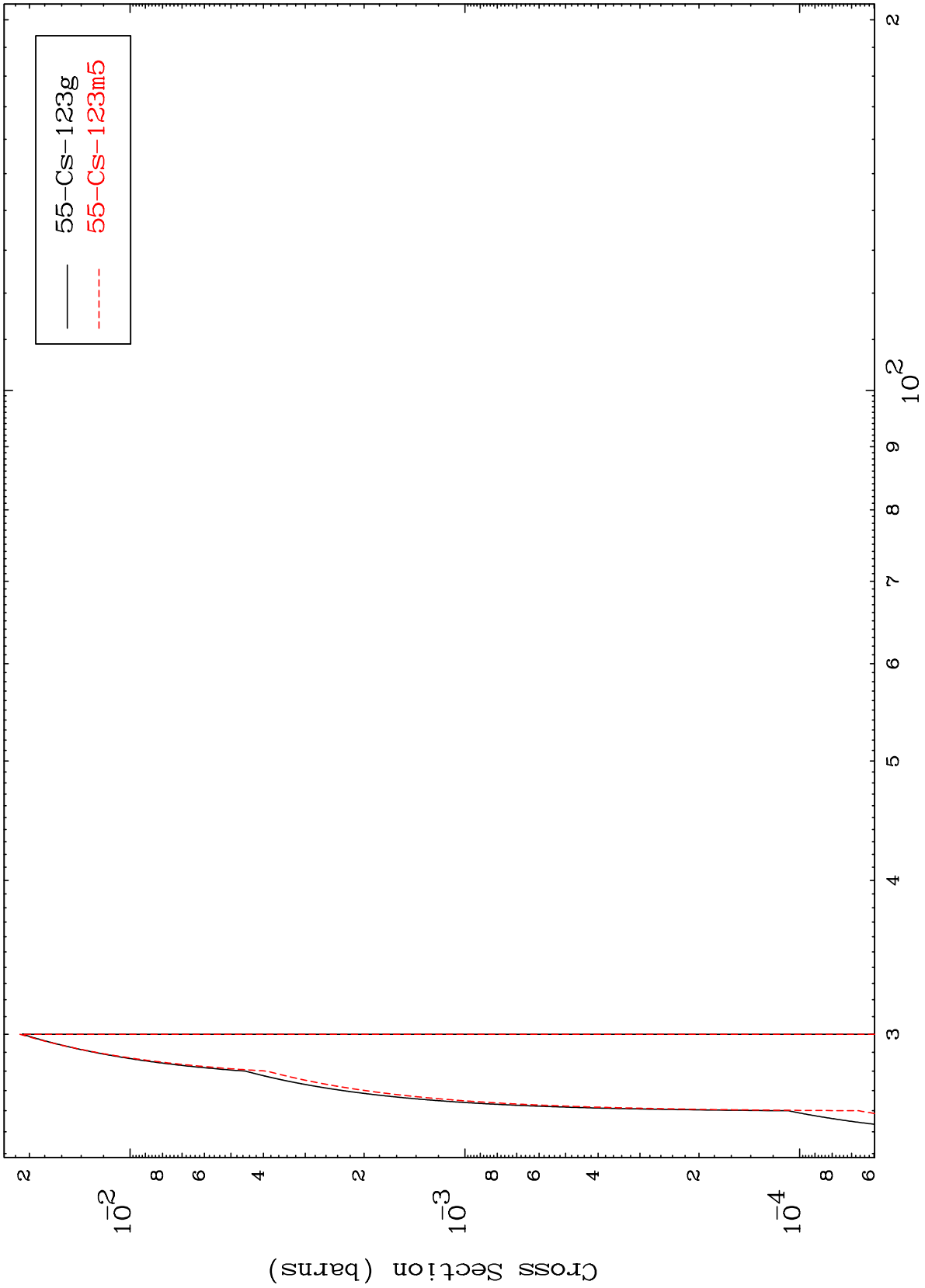
54-Xe-124

MAT 5425

(n,4n)

54-Xe-124

Radionuclide Production Cross Section



17

Incident Energy (MeV)

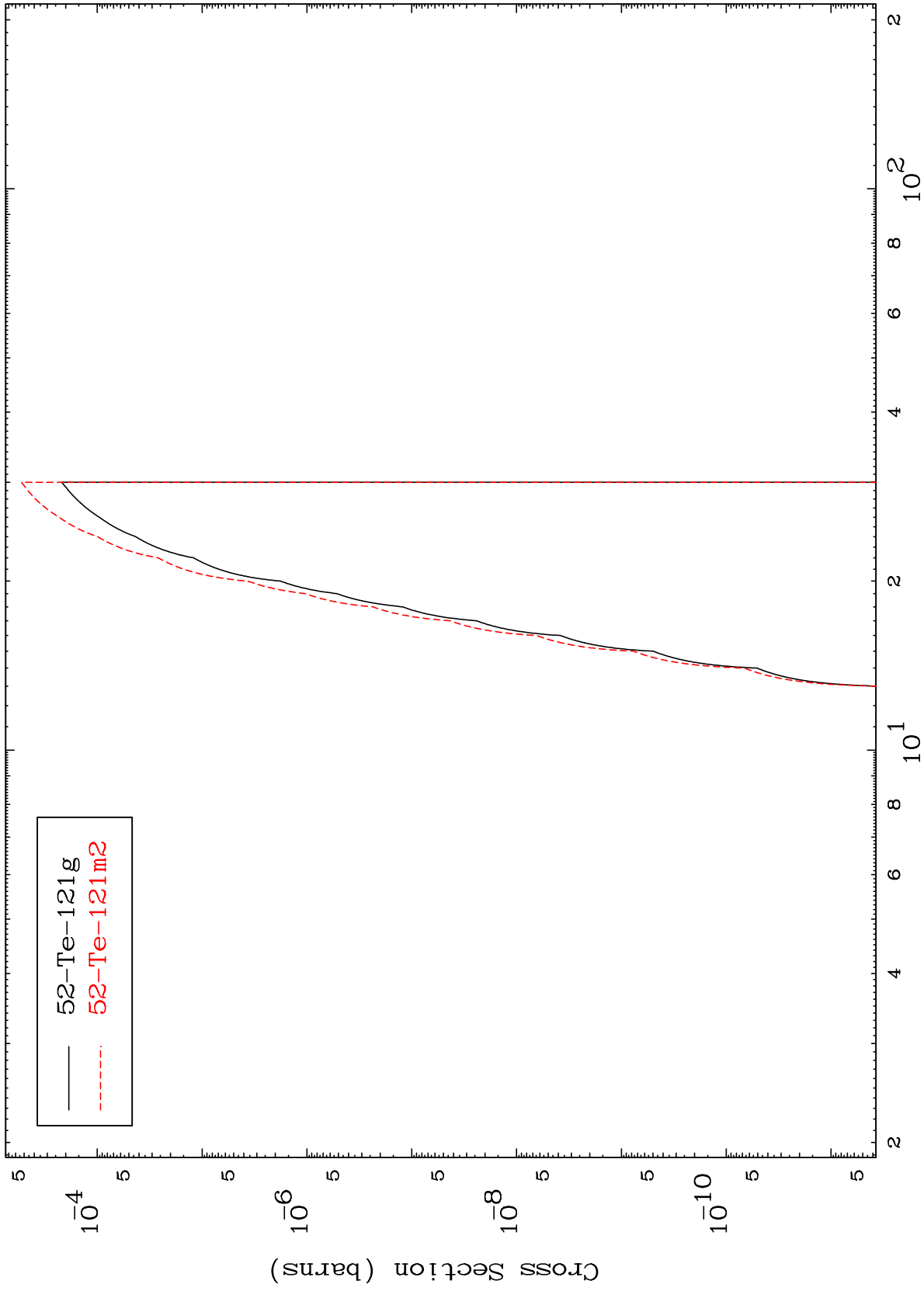
54-Xe-124

MAT 5425

(n,n') p α

54-Xe-124

Radionuclide Production Cross Section



18

Incident Energy (MeV)

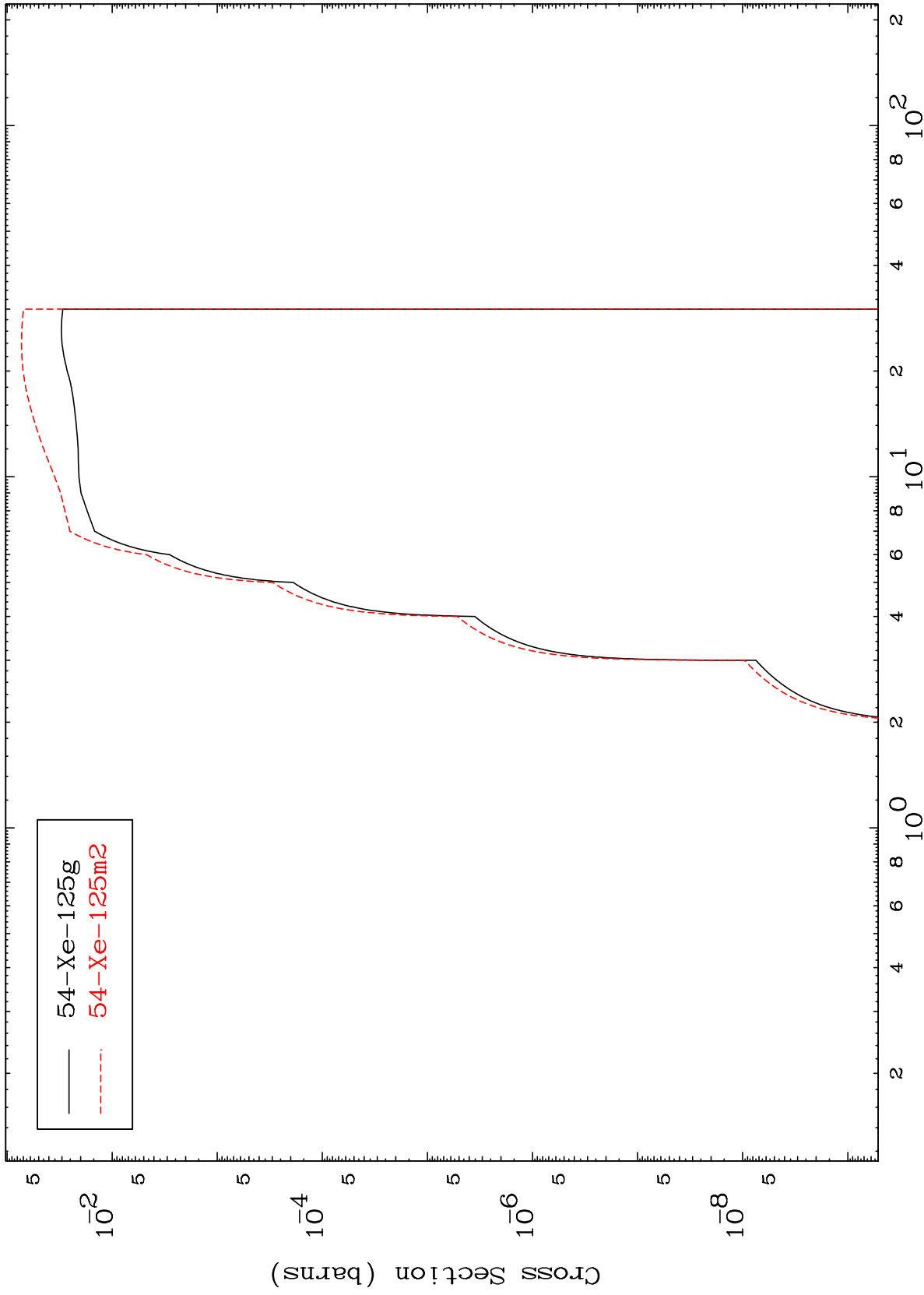
54-Xe-124

MAT 5425

(n,d)

54-Xe-124

Radionuclide Production Cross Section



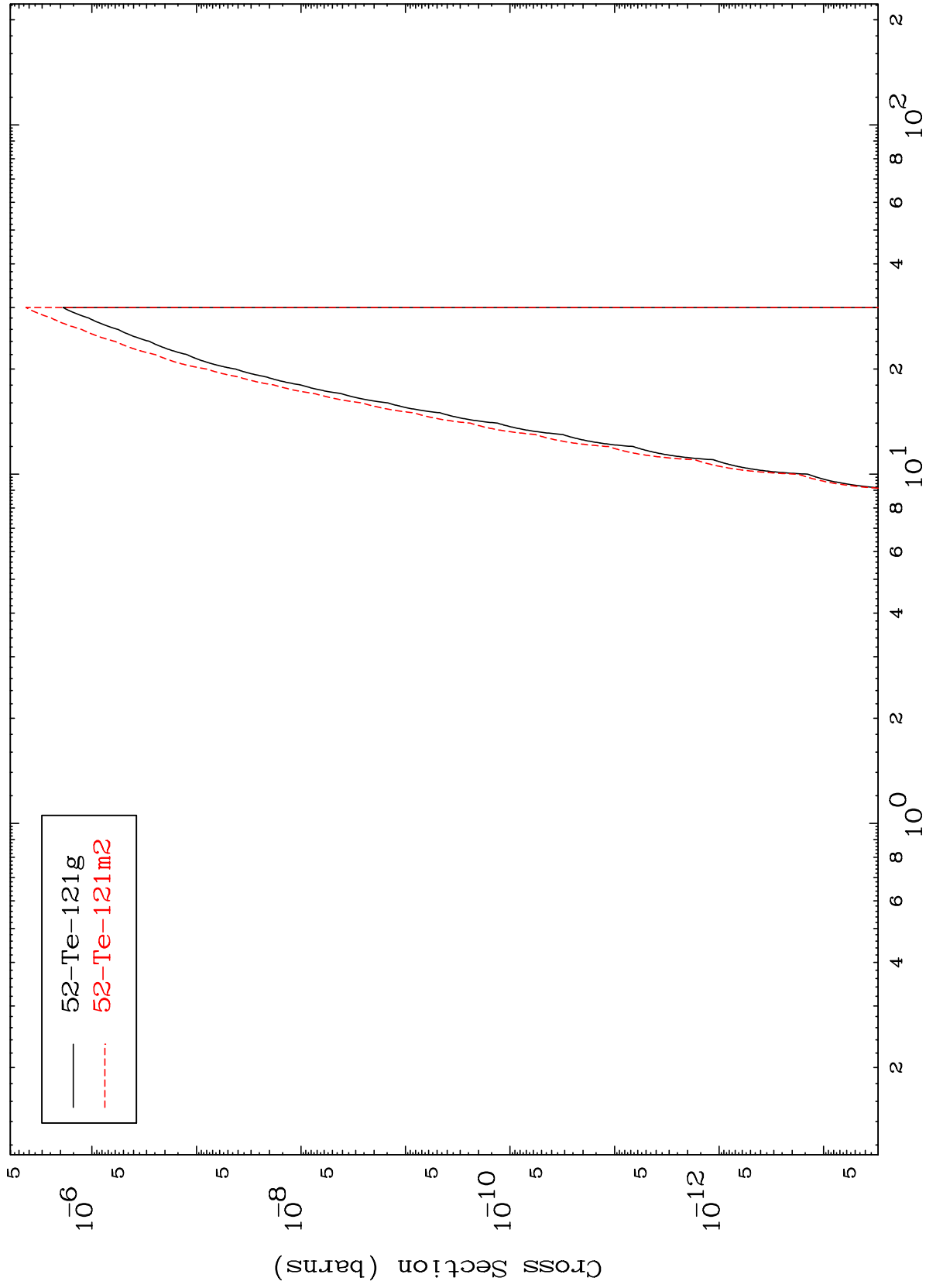
54-Xe-125g
54-Xe-125m2

MAT 5425

(n,d) α

54-Xe-124

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-124