

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

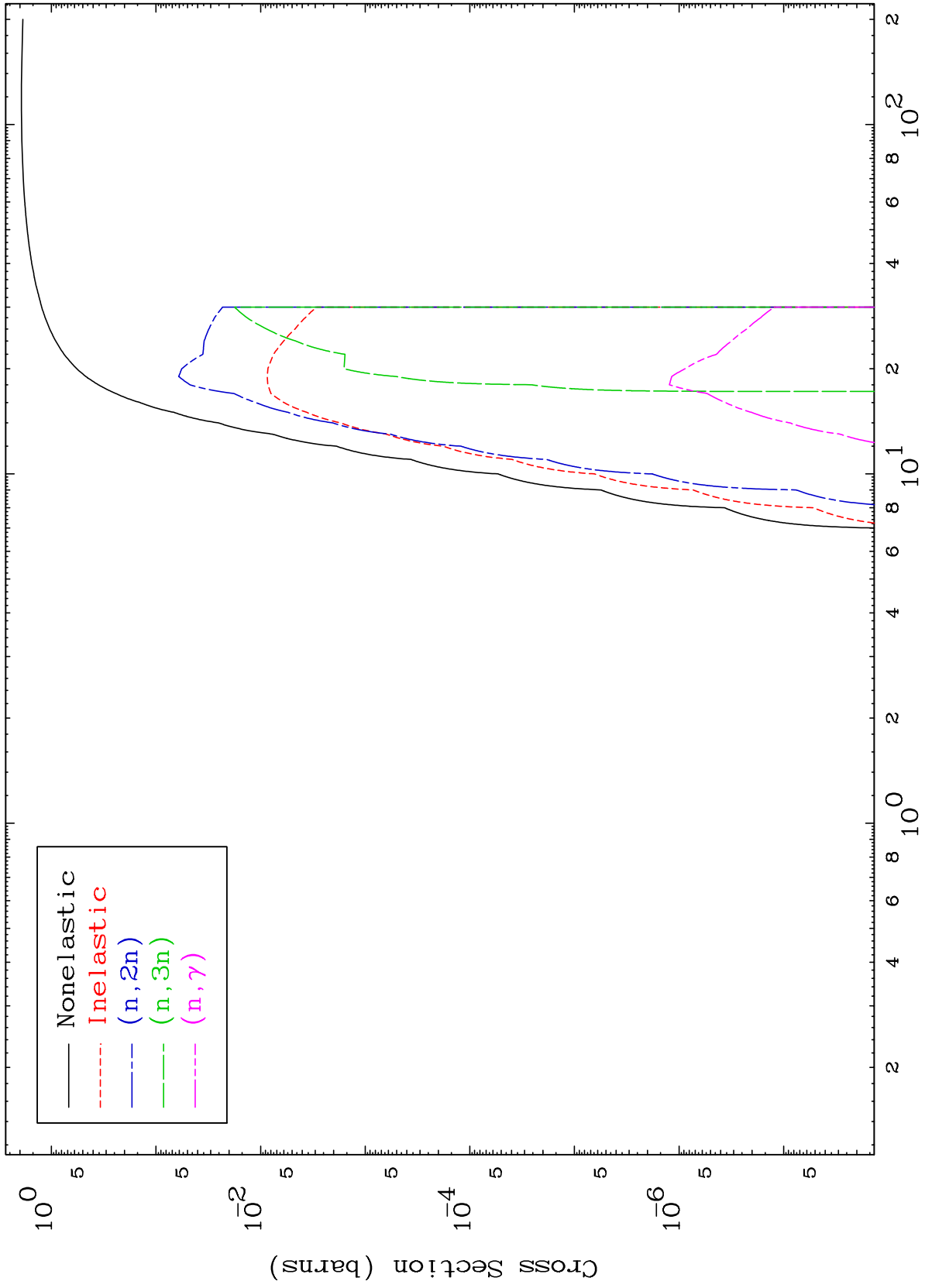
Press Mouse Button to Start

MAT 5428

He-3 Major

54-Xe-125

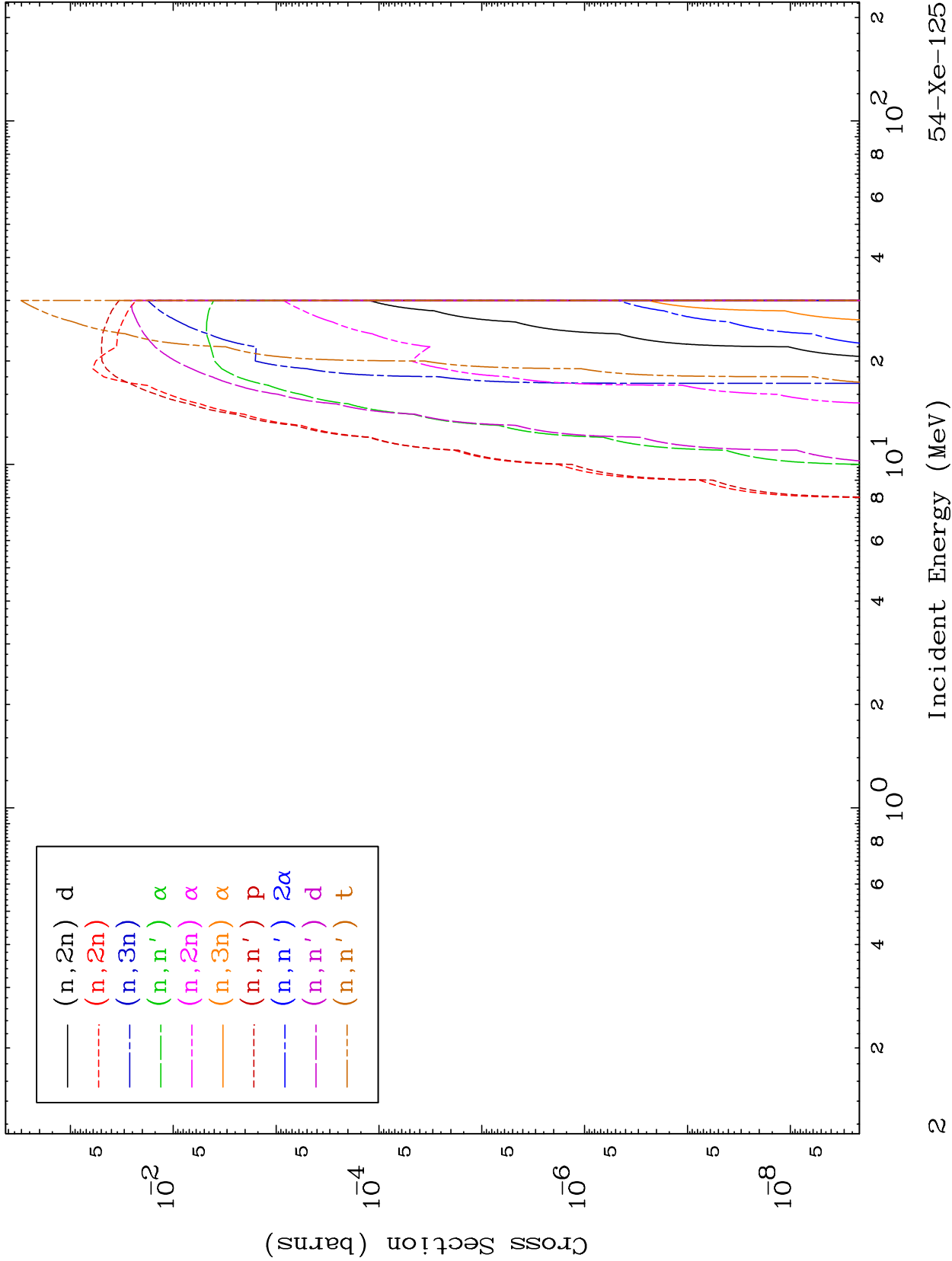
0 Kelvin Cross Sections



MAT 5428

He-3 Neutron Absorption
0 Kelvin Cross Sections

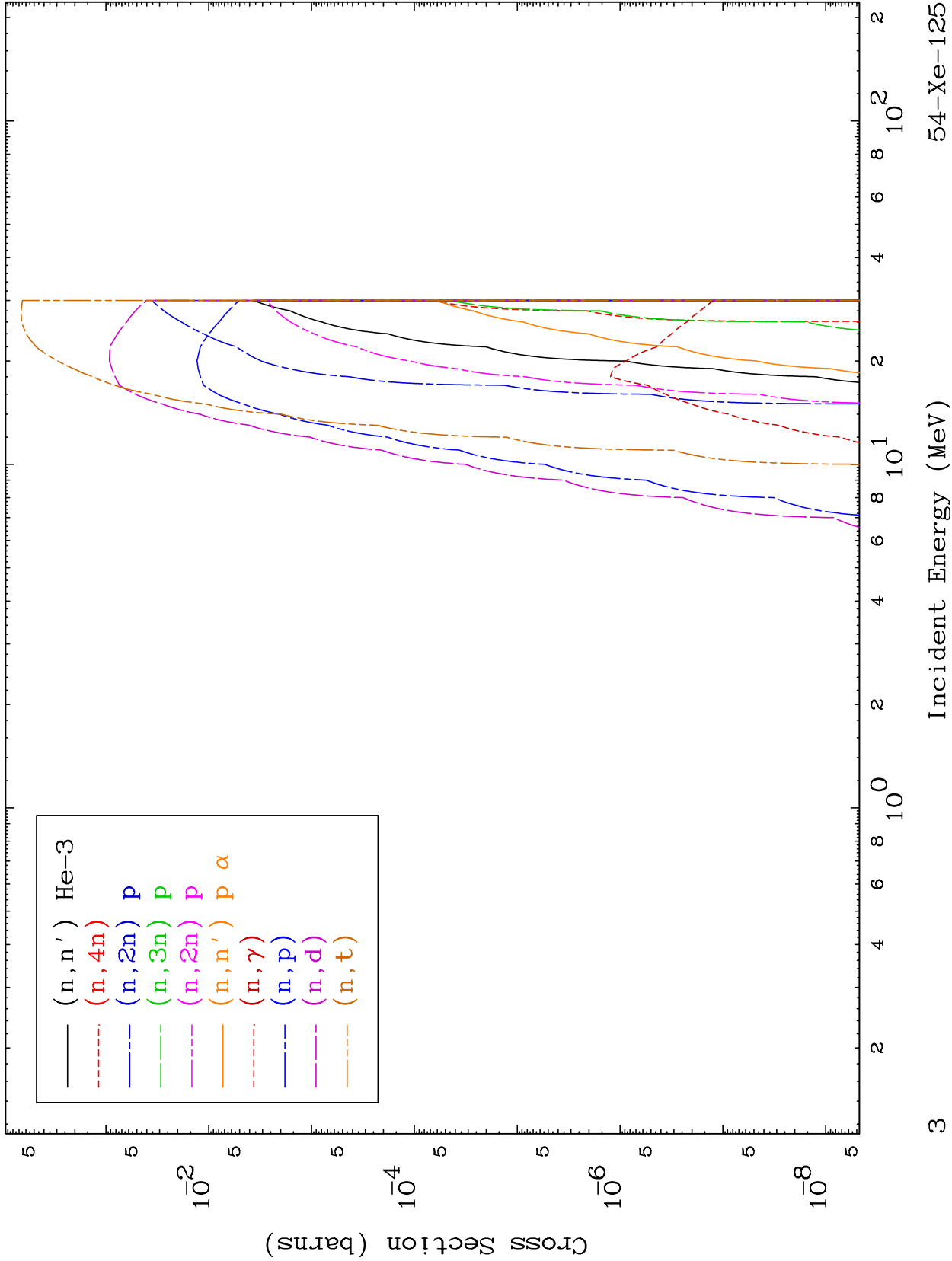
54-Xe-125



MAT 5428

He-3 Neutron Absorption
0 Kelvin Cross Sections

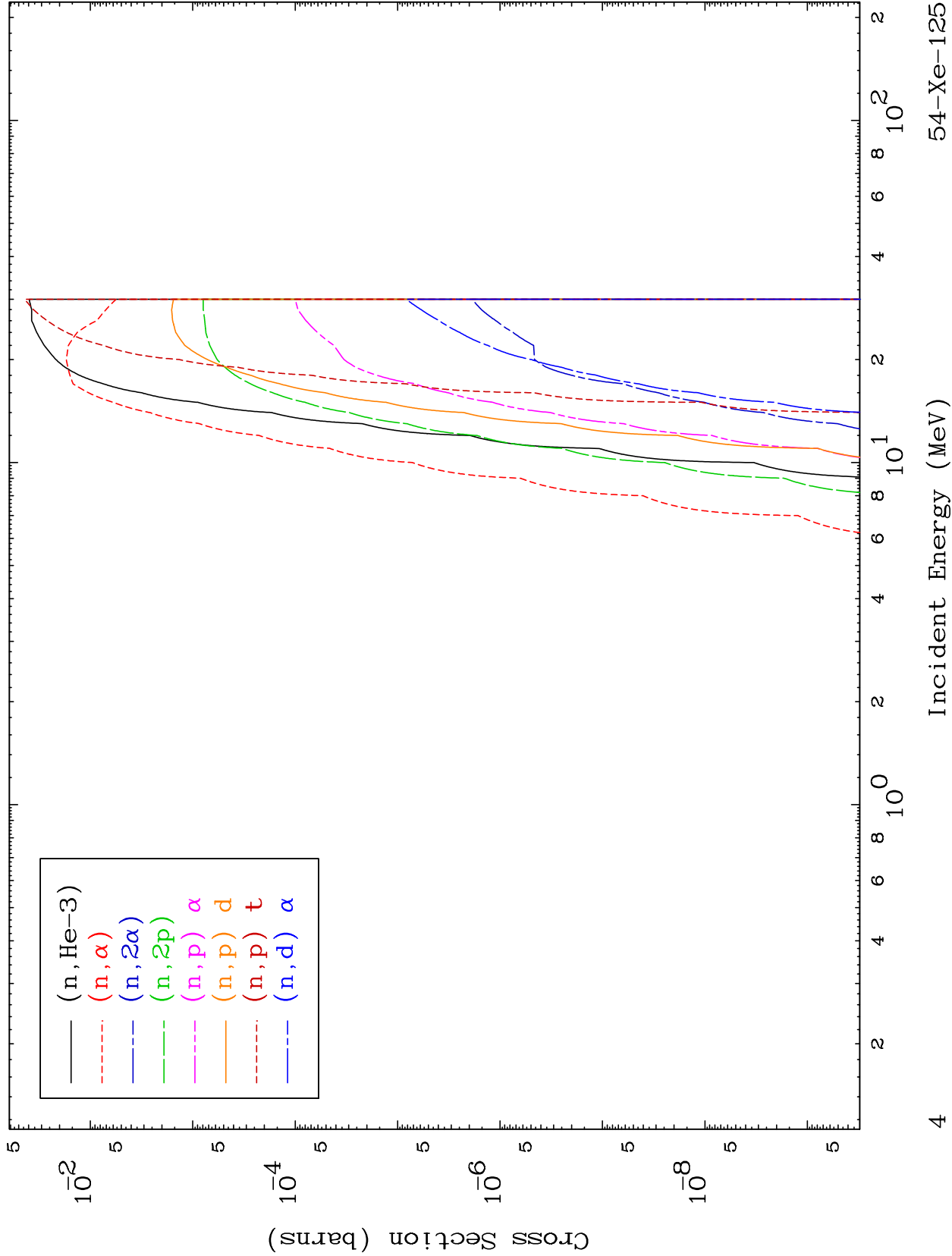
54-Xe-125



MAT 5428

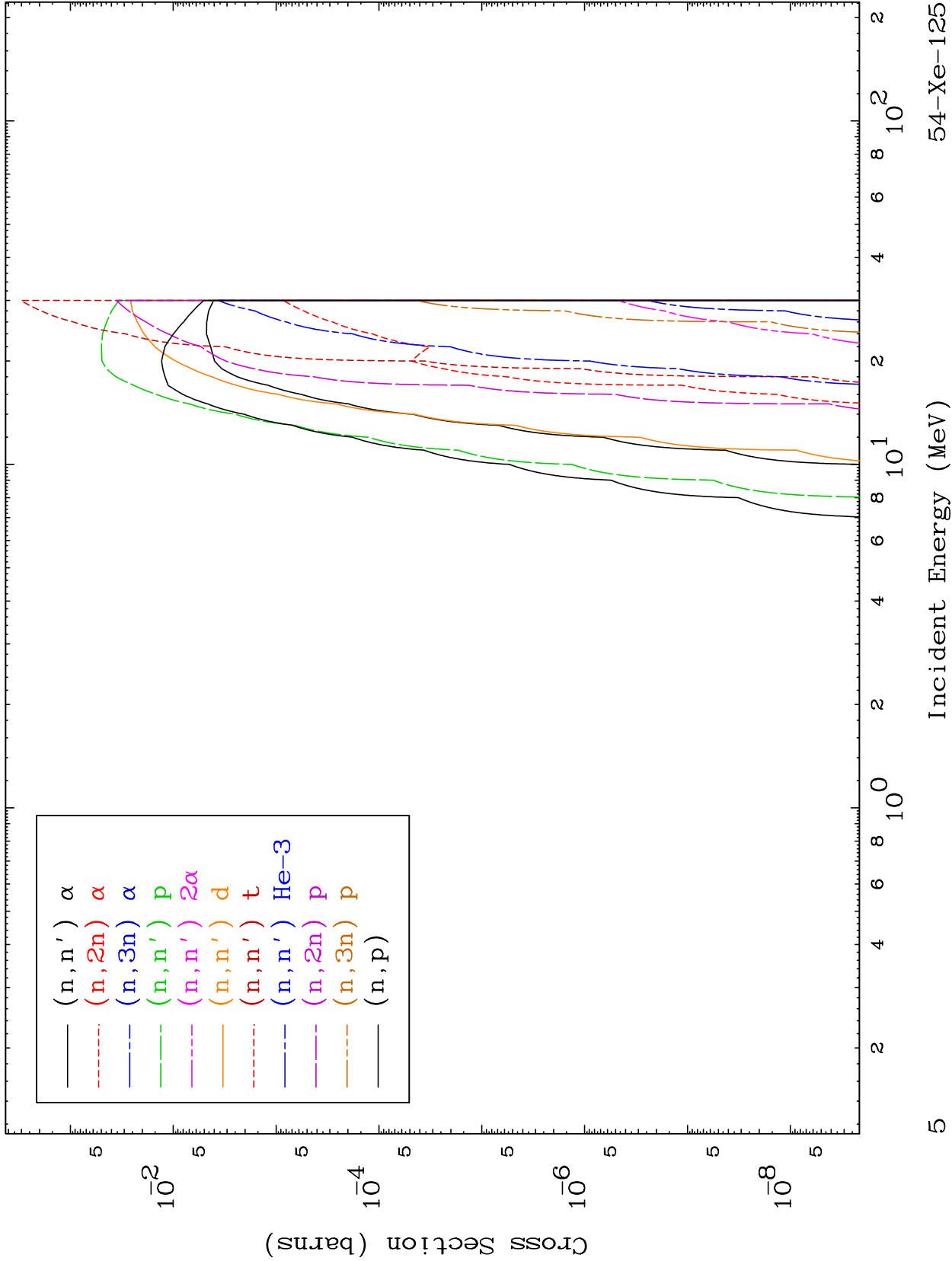
He-3 Neutron Absorption
0 Kelvin Cross Sections

54-Xe-125



54-Xe-125

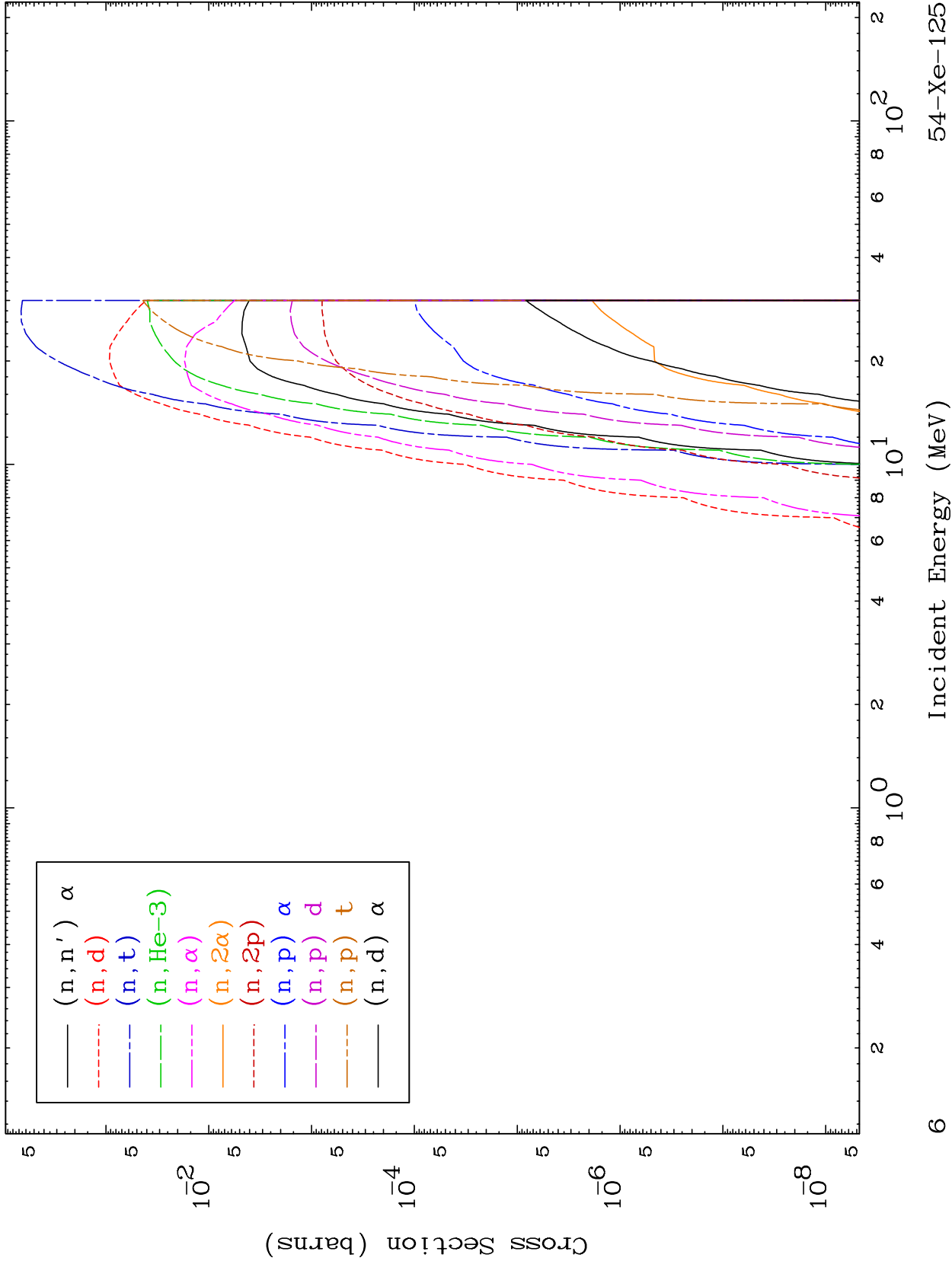
Incident Energy (MeV)



MAT 5428

He-3 Charged Particle
0 Kelvin Cross Sections

54-Xe-125

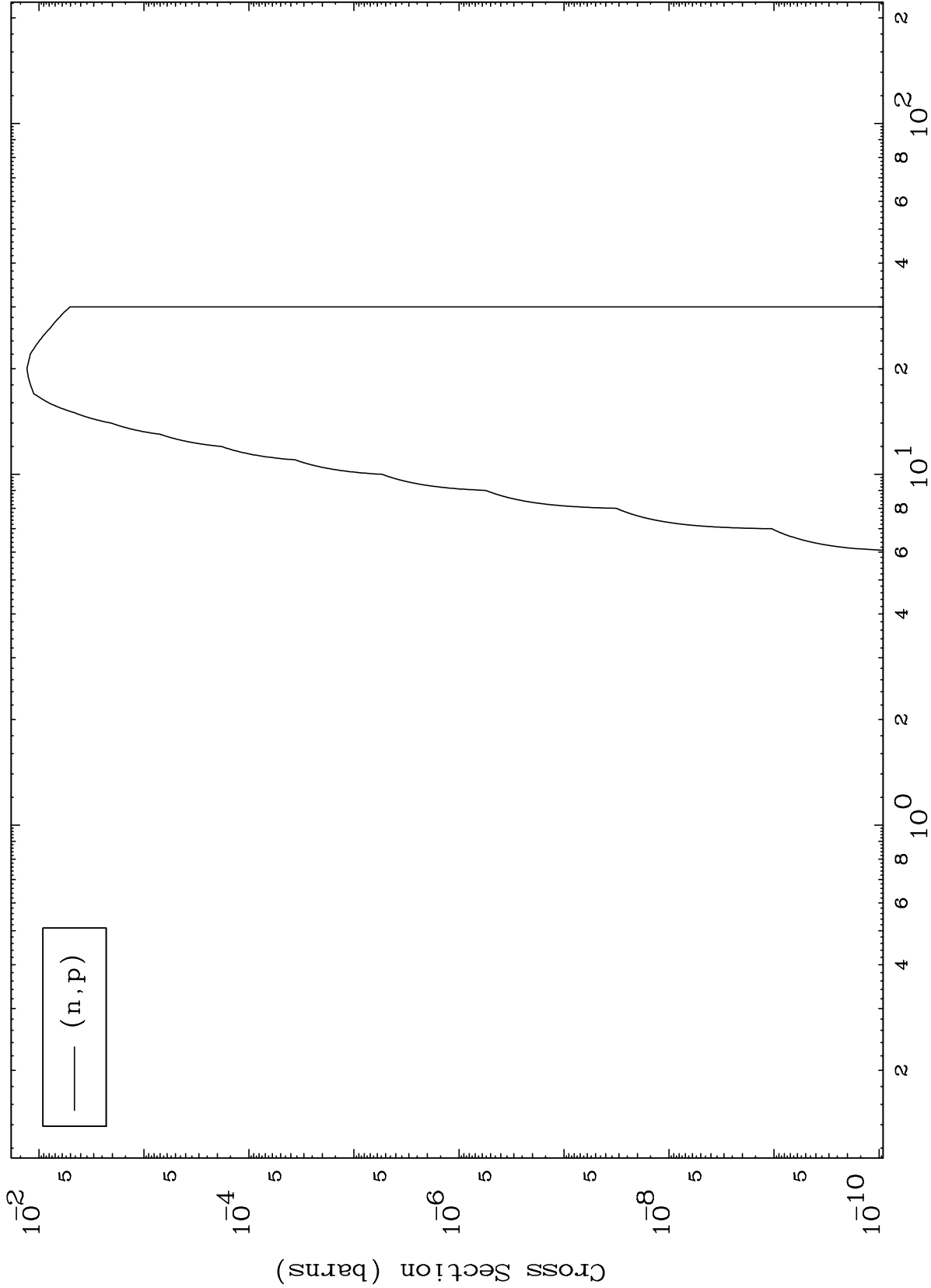


MAT 5428

(He-3,p) Levels

54-Xe-125

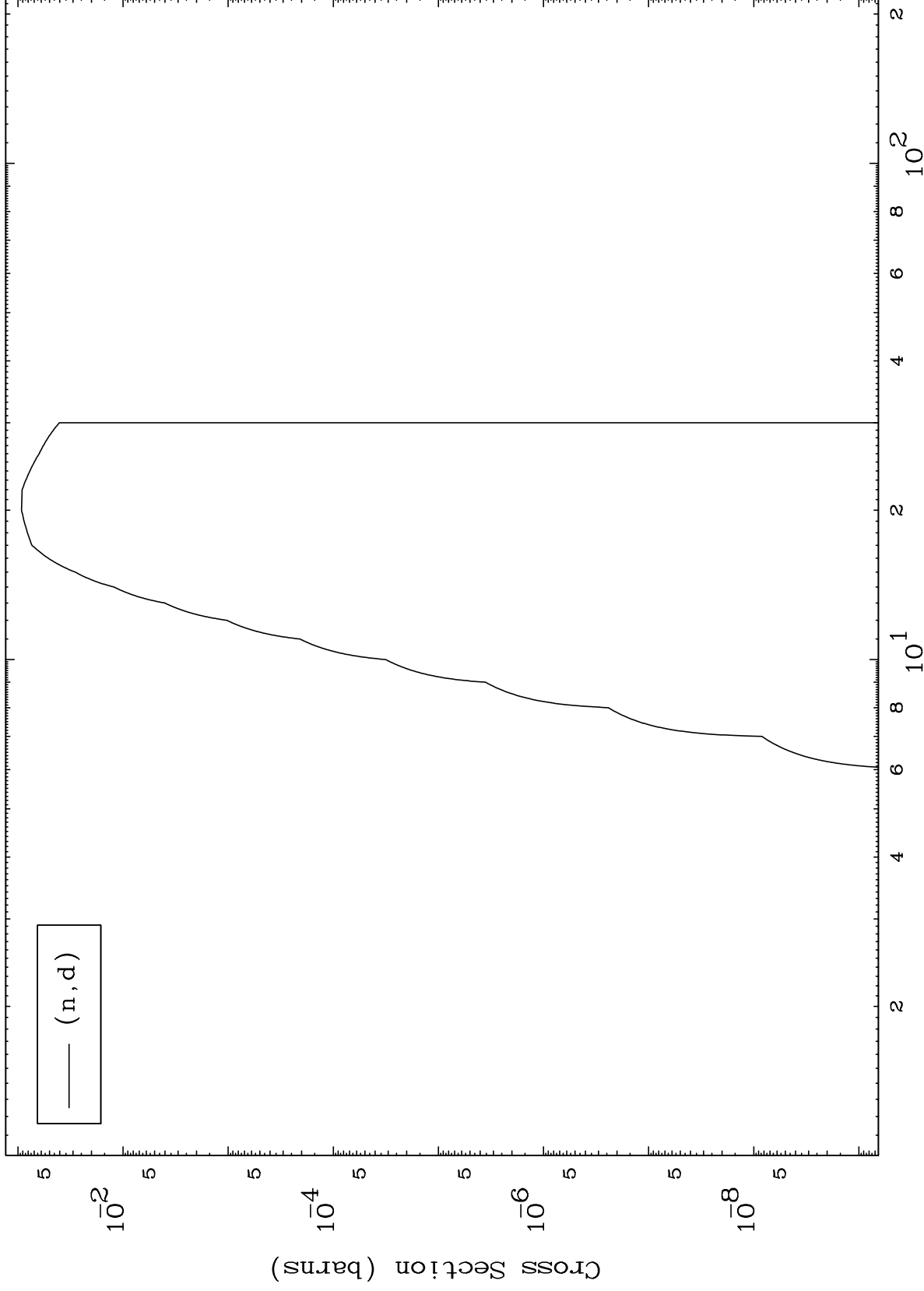
0 Kelvin Cross Sections



MAT 5428

(He-3,d) Levels
0 Kelvin Cross Sections

54-Xe-125



8

Incident Energy (MeV)

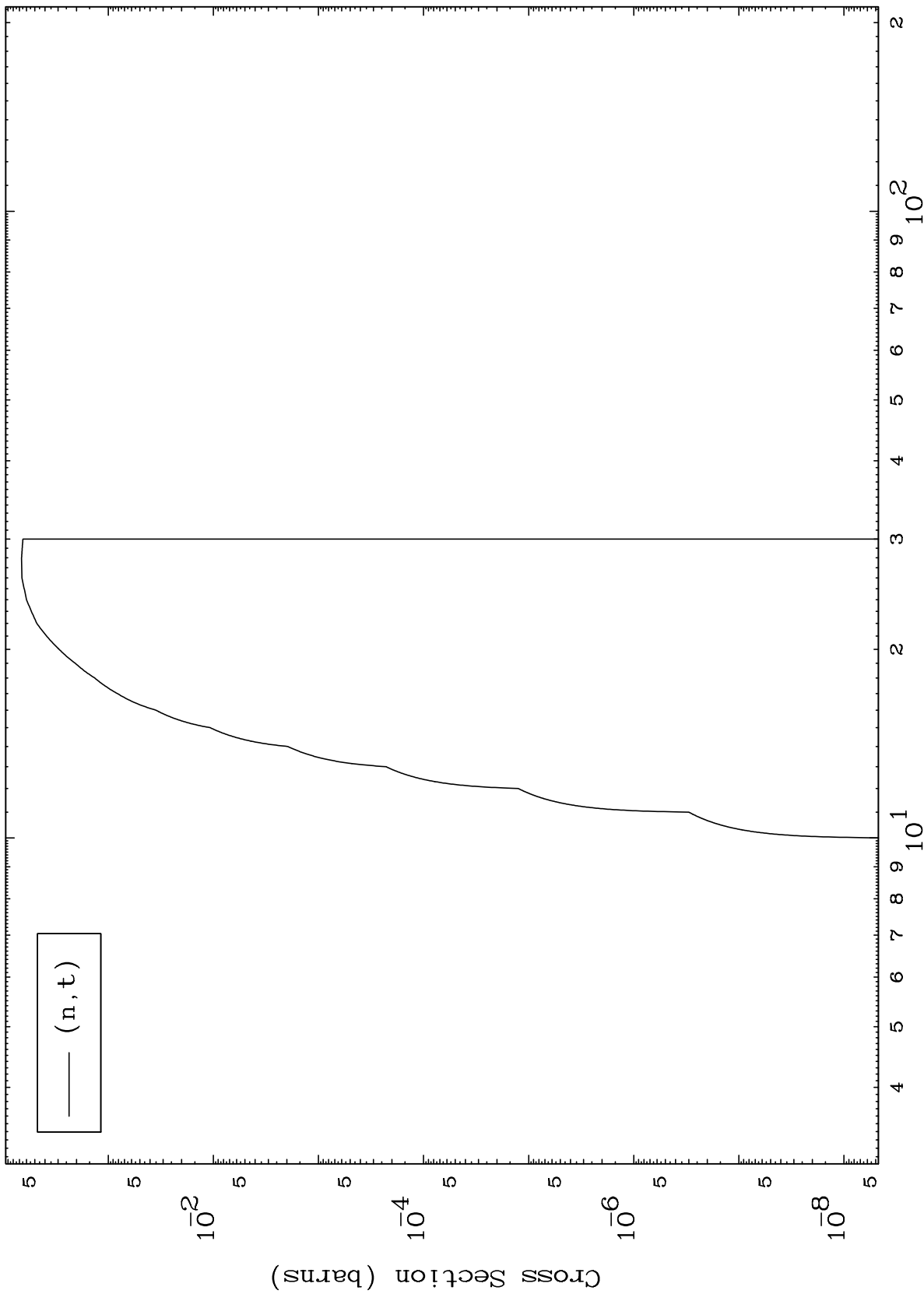
54-Xe-125

MAT 5428

(He-3,t) Levels

54-Xe-125

0 Kelvin Cross Sections

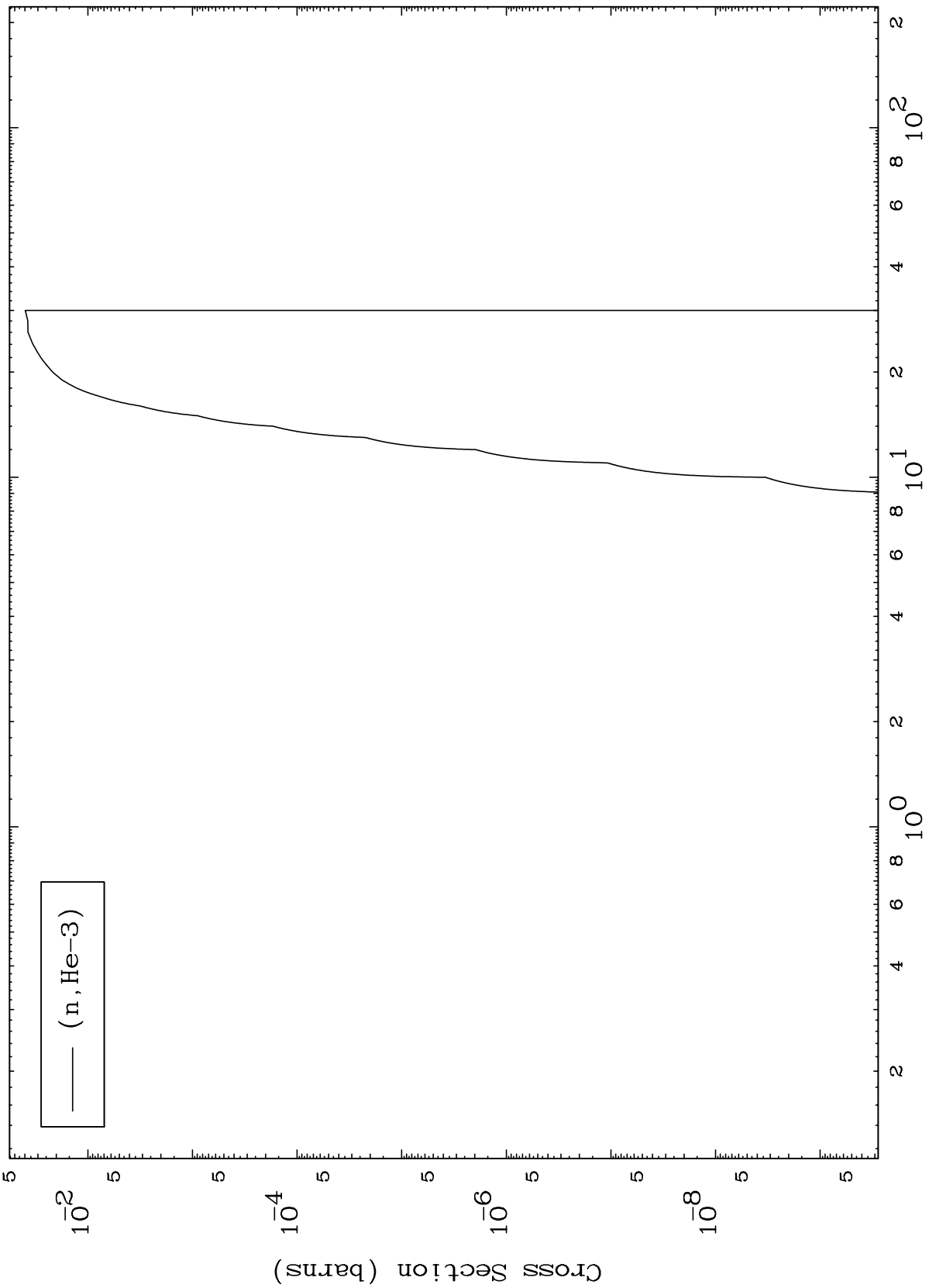


MAT 5428

(He-3, He3) Levels

54-Xe-125

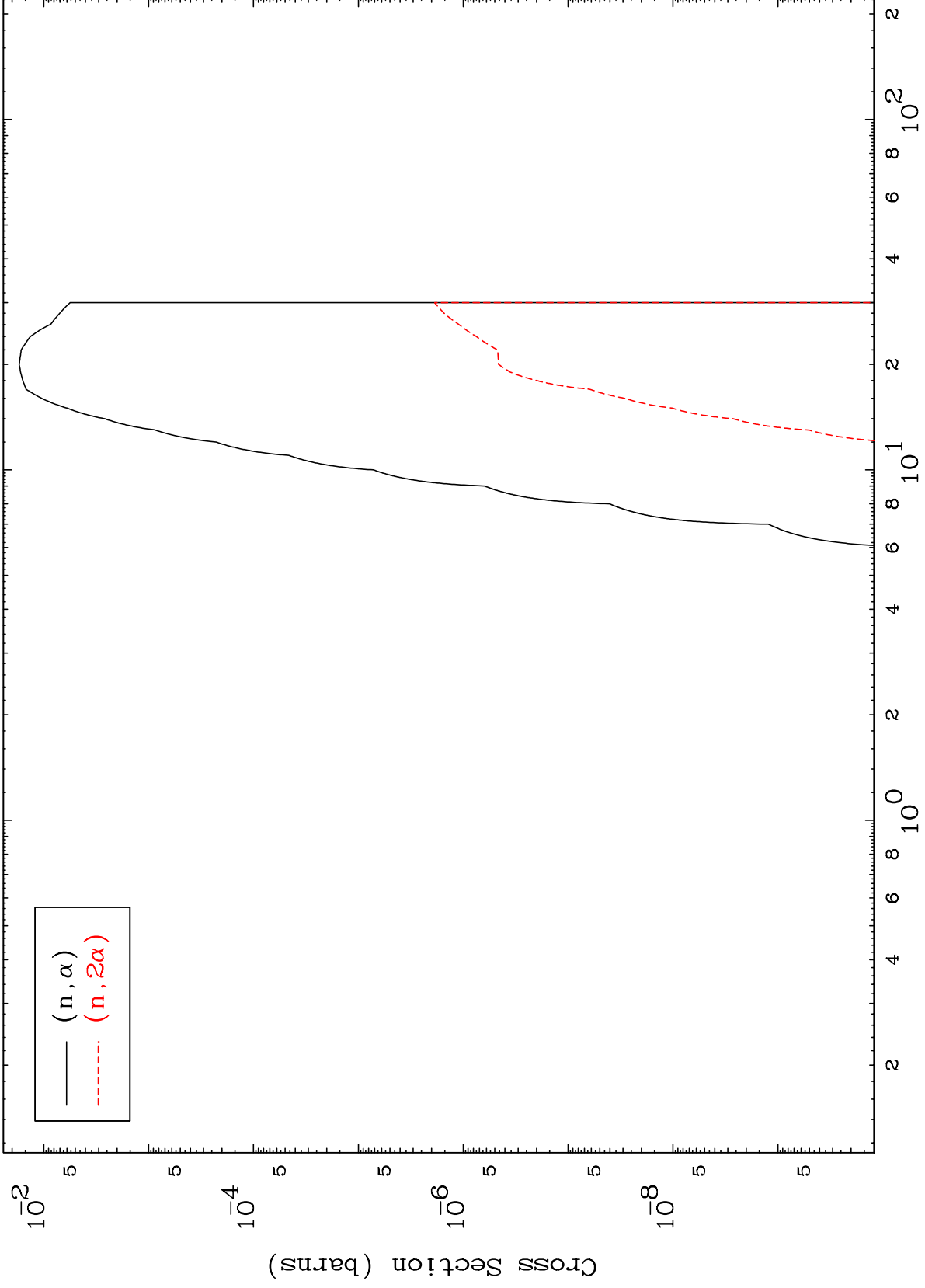
0 Kelvin Cross Sections



10

Incident Energy (MeV)

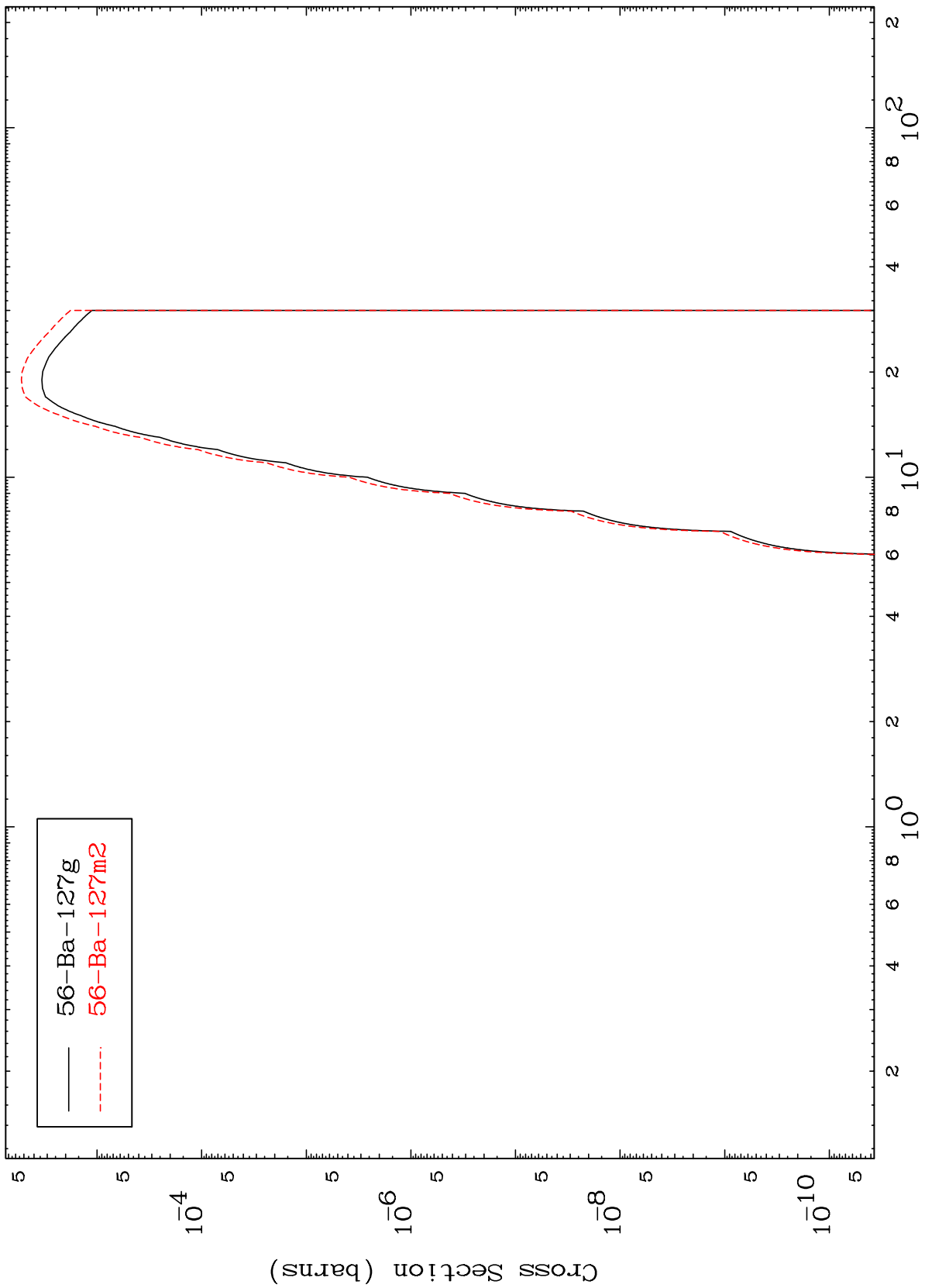
54-Xe-125



MAT 5428

54-Xe-125

Radionuclide Production Cross Section



56-Ba-127g
56-Ba-127m2

54-Xe-125

Incident Energy (MeV)

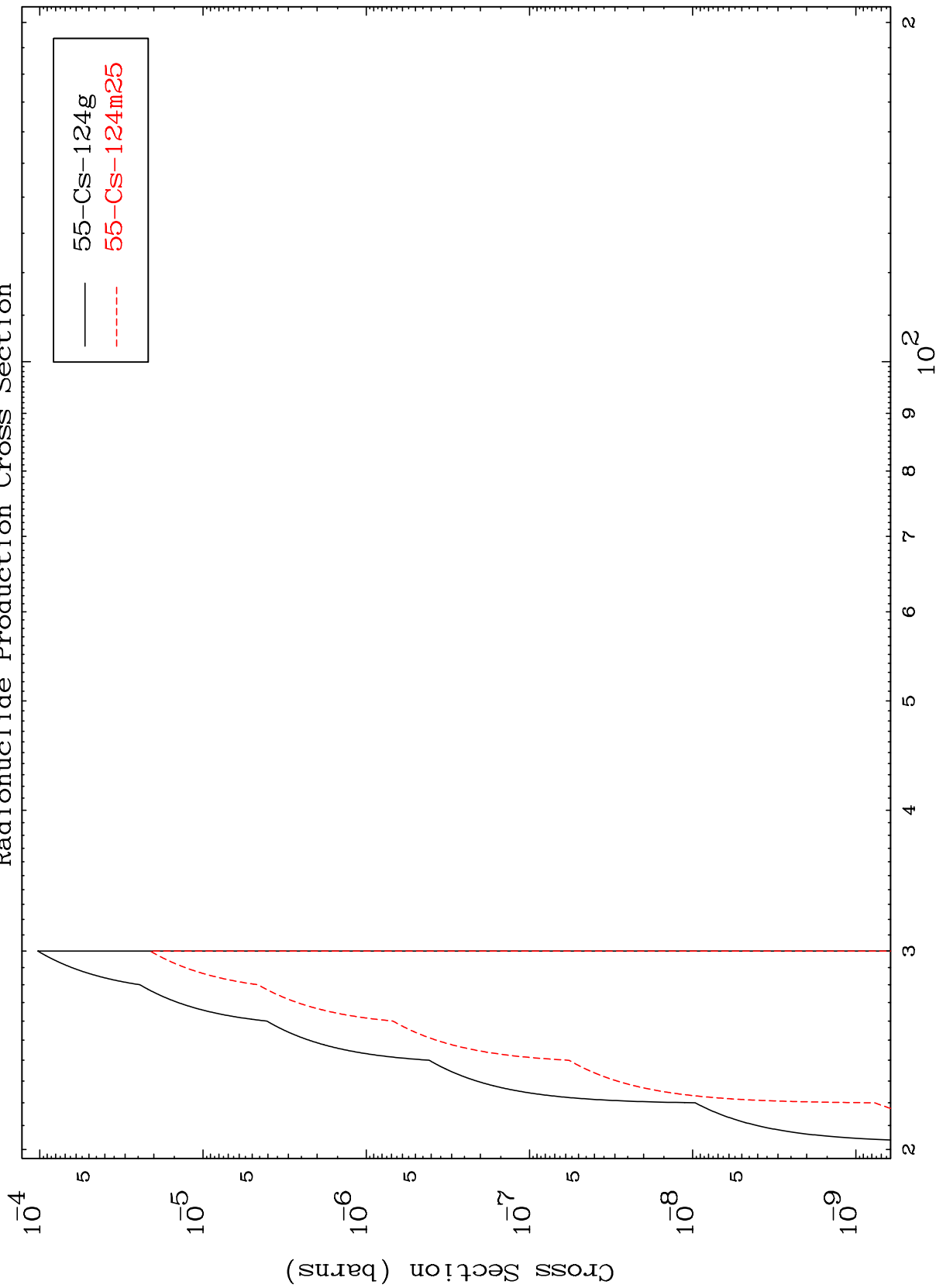
12

MAT 5428

(n,2n) d

54-Xe-125

Radionuclide Production Cross Section



13

Incident Energy (MeV)

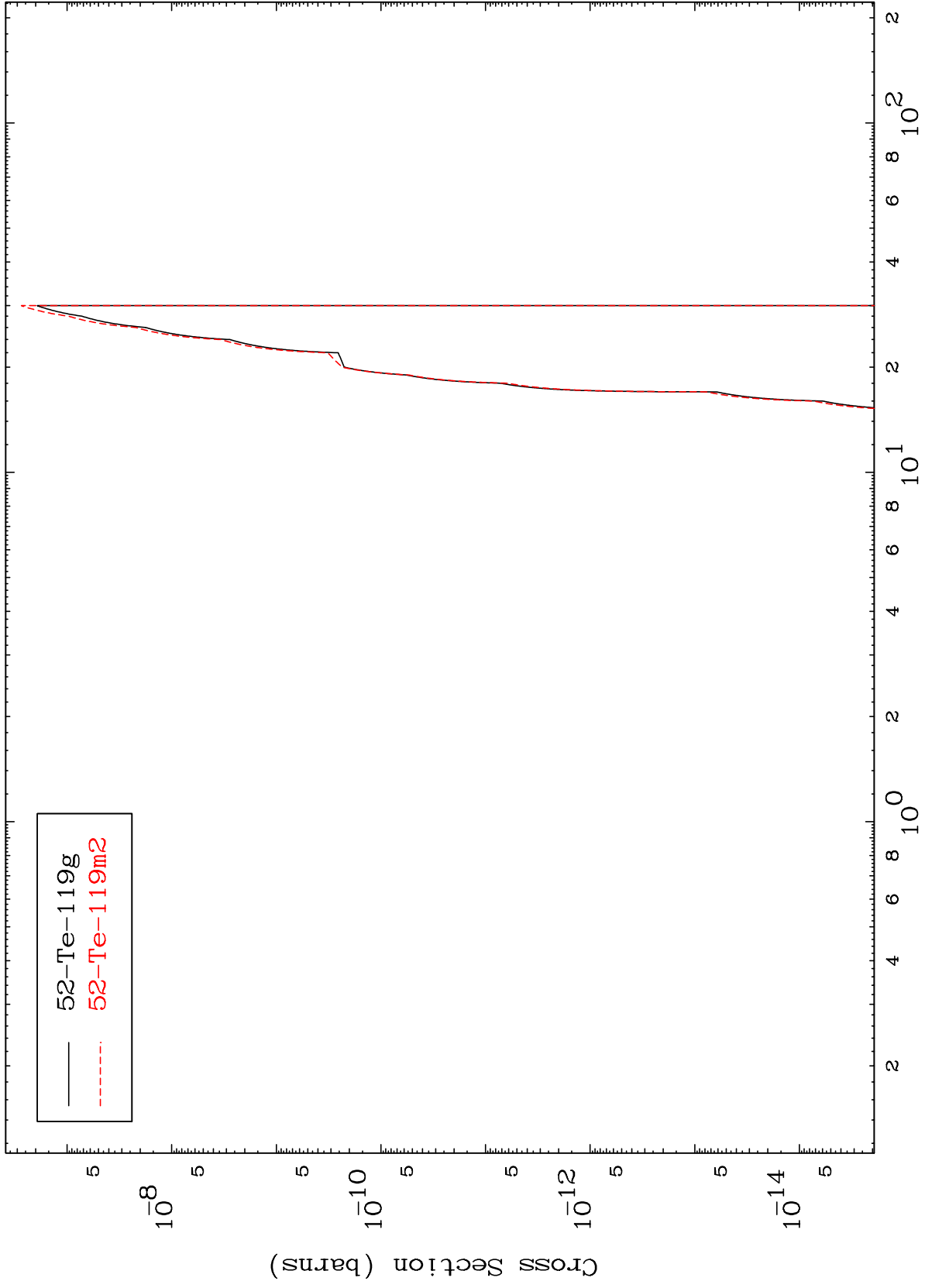
54-Xe-125

MAT 5428

(n,n') 2 α

54-Xe-125

Radionuclide Production Cross Section



14

Incident Energy (MeV)

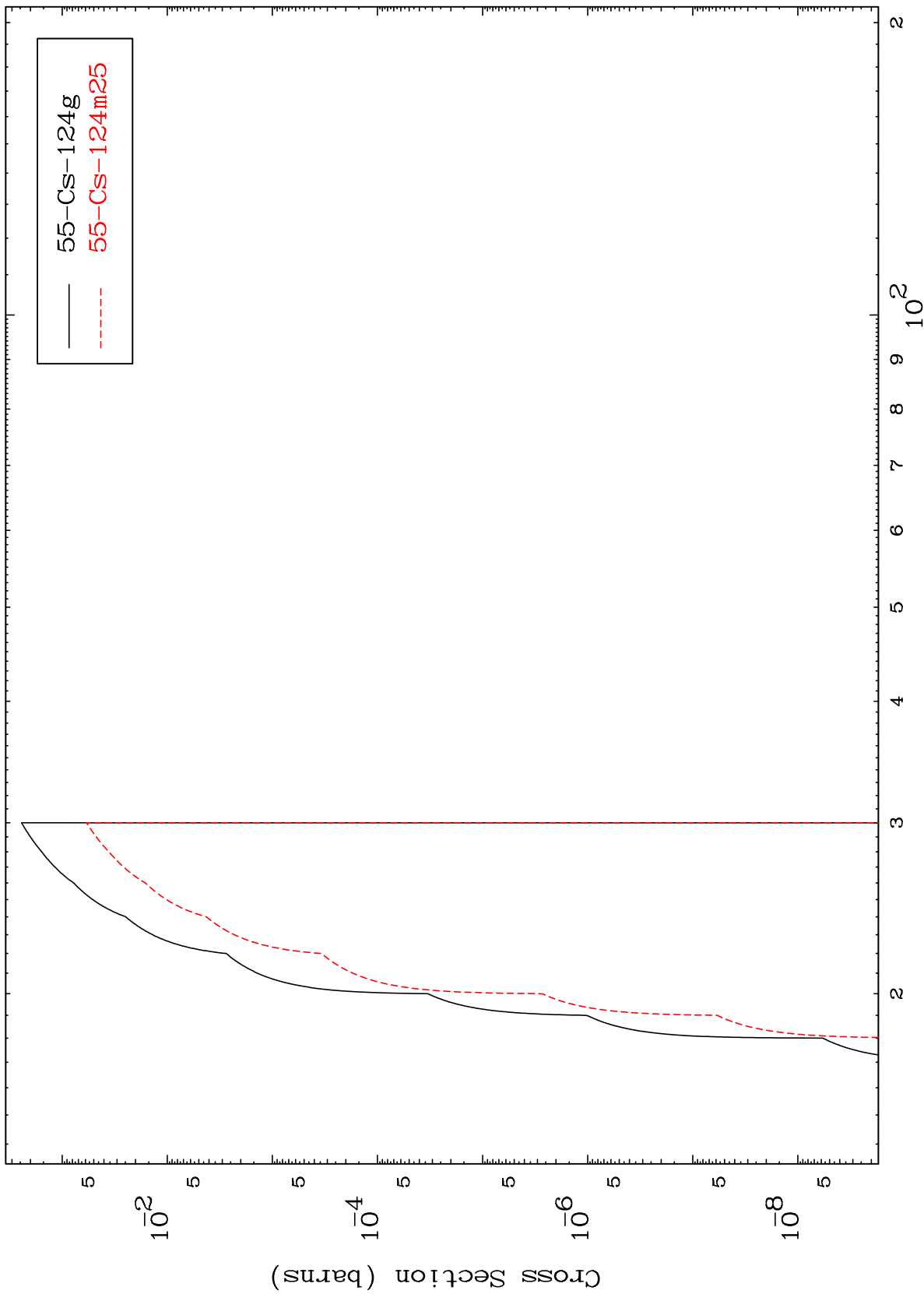
54-Xe-125

MAT 5428

(n,n') t

54-Xe-125

Radionuclide Production Cross Section



15

Incident Energy (MeV)

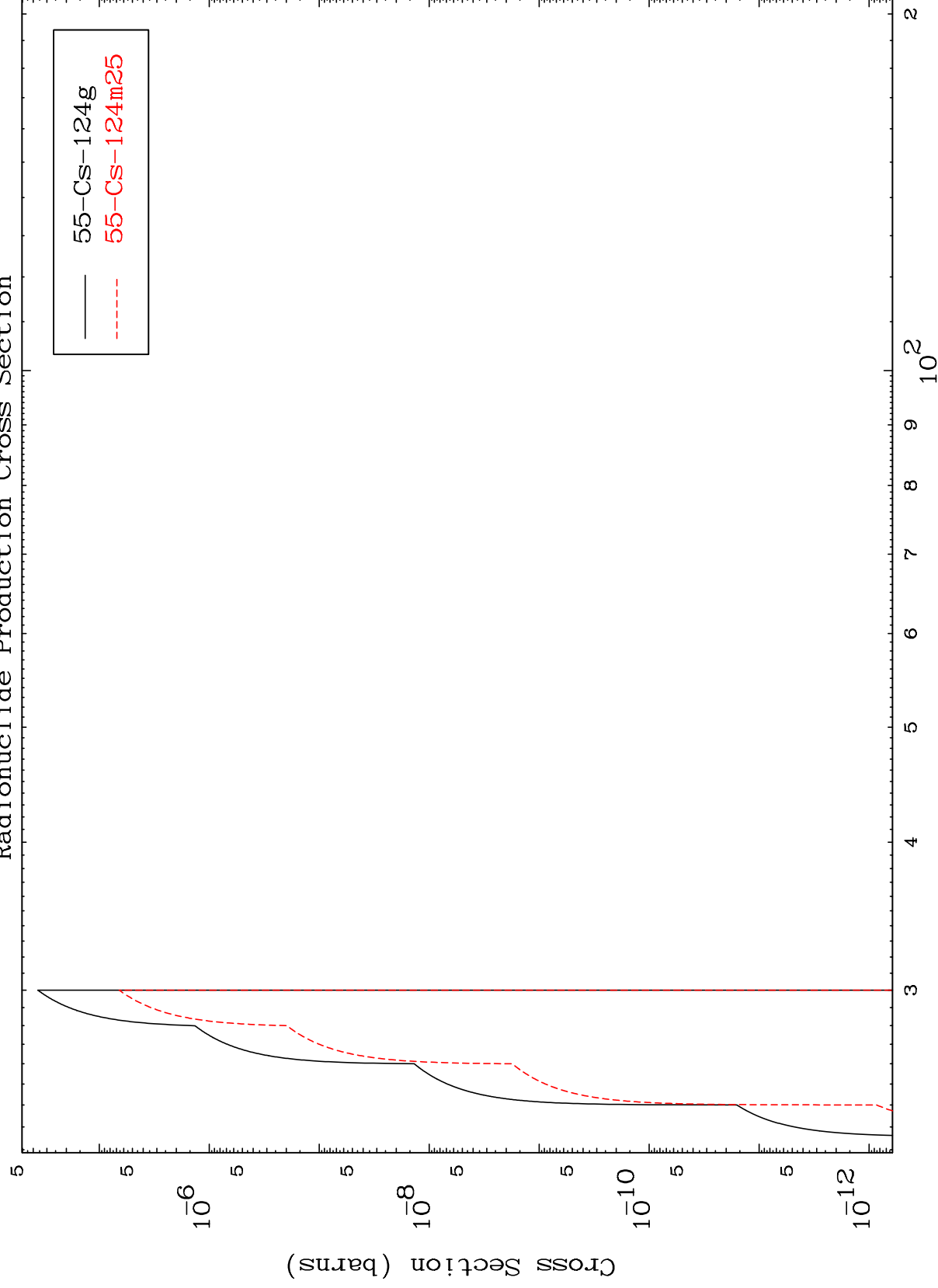
54-Xe-125

MAT 5428

(n,3n) p

54-Xe-125

Radionuclide Production Cross Section



16

Incident Energy (MeV)

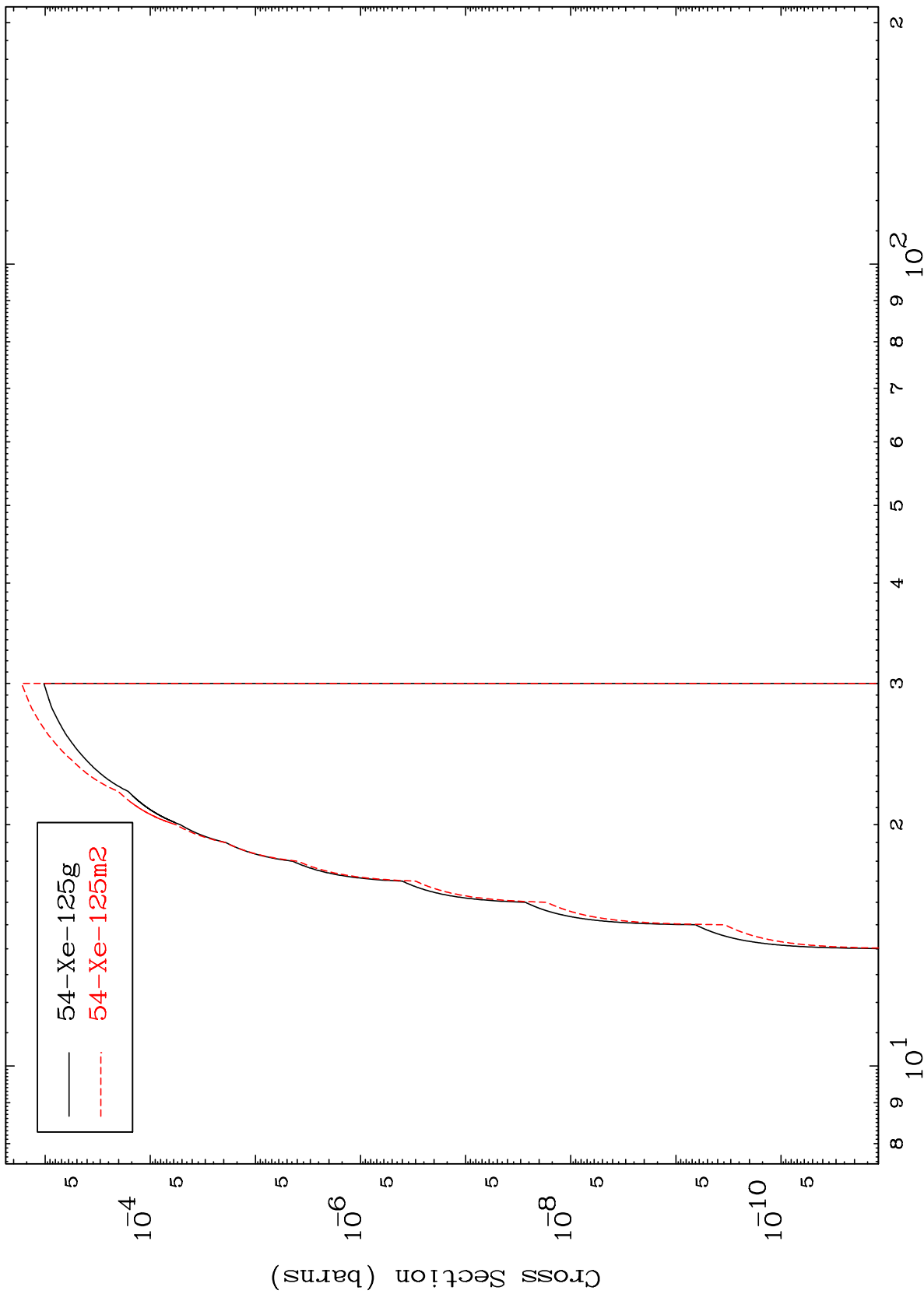
54-Xe-125

MAT 5428

(n,2n) p

54-Xe-125

Radionuclide Production Cross Section



17

Incident Energy (MeV)

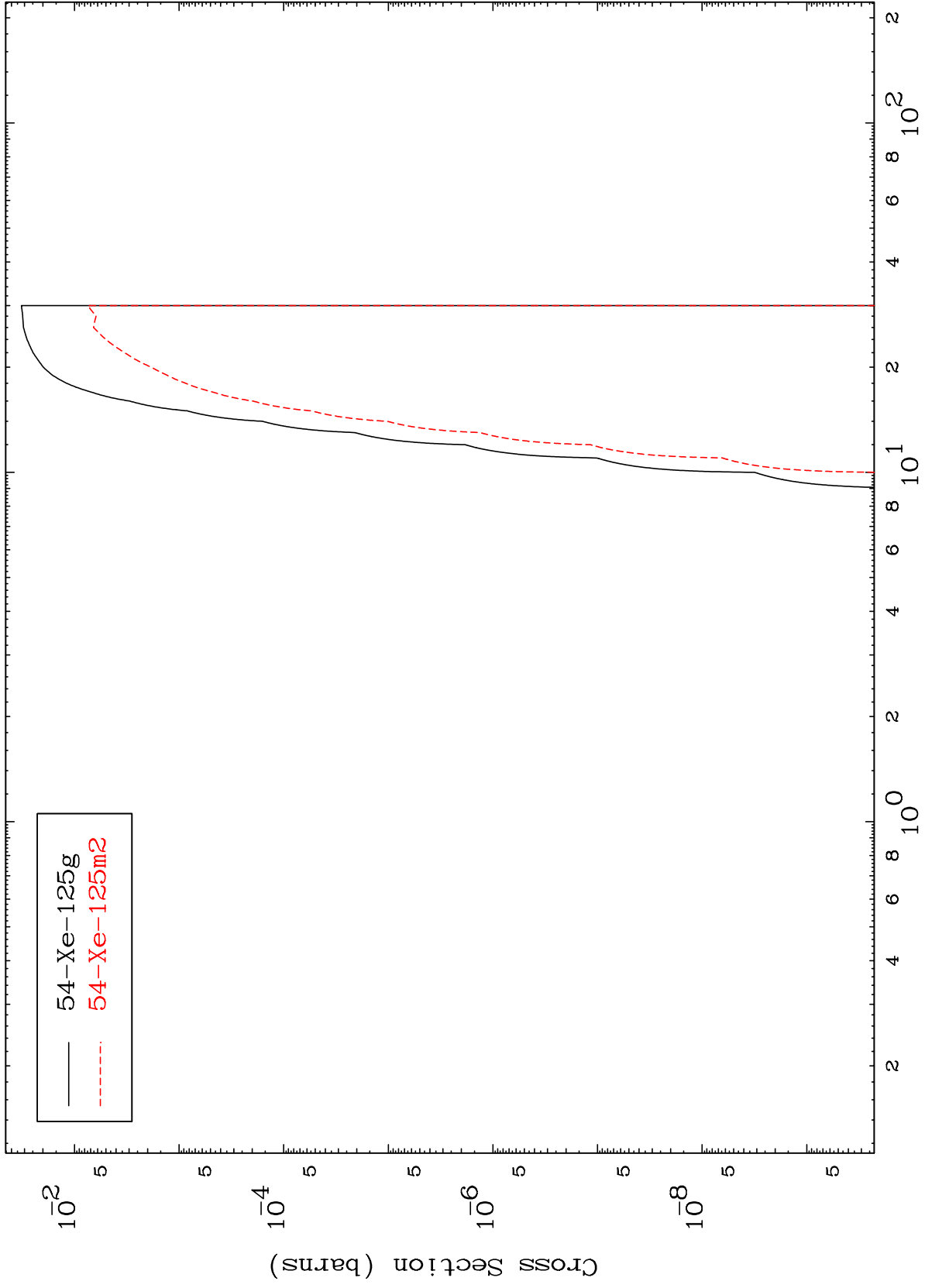
54-Xe-125

MAT 5428

(n,He-3)

54-Xe-125

Radionuclide Production Cross Section



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

18

Incident Energy (MeV)

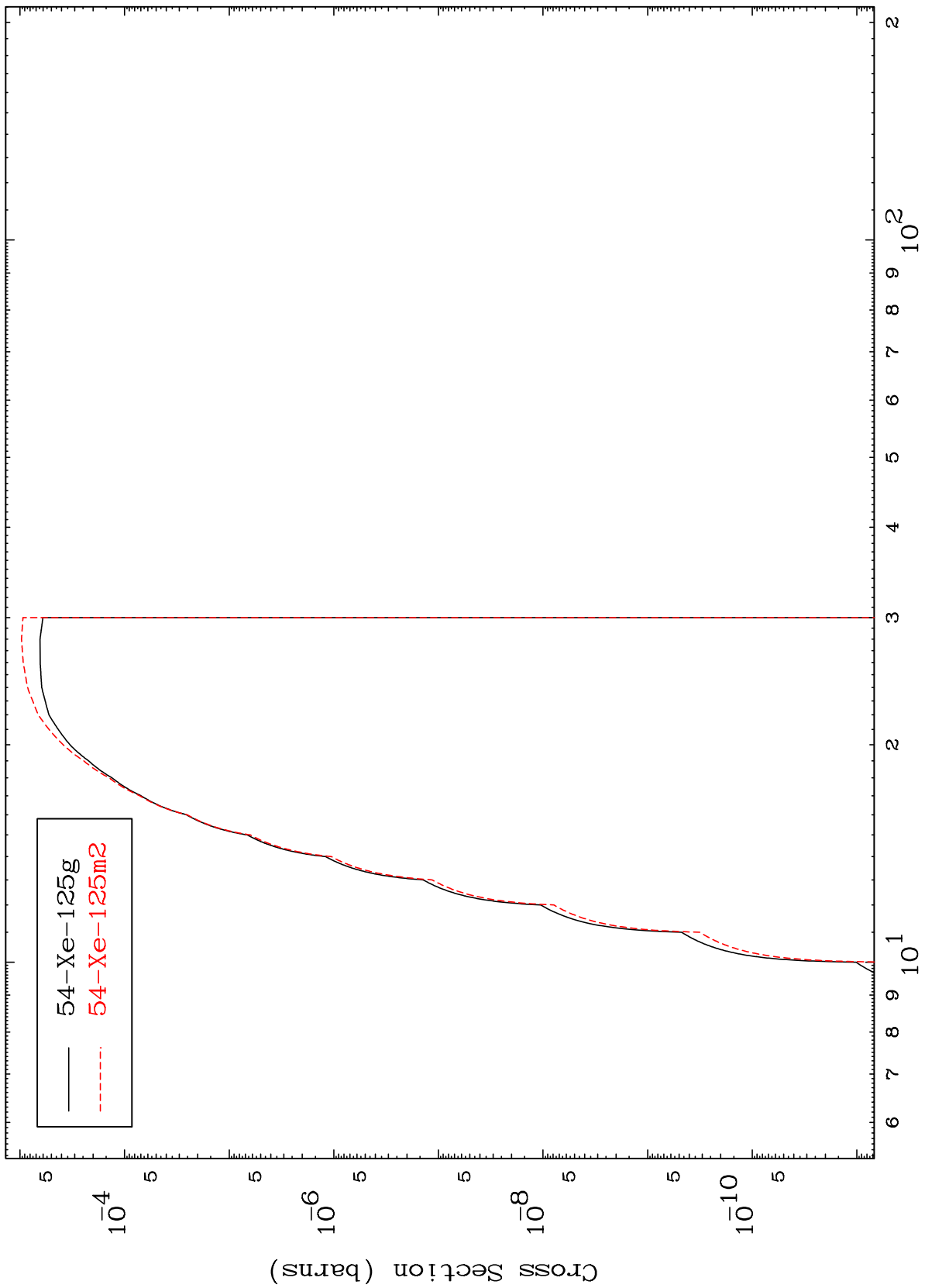
54-Xe-125

MAT 5428

(n,p) d

54-Xe-125

Radionuclide Production Cross Section



19

Incident Energy (MeV)

54-Xe-125