

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

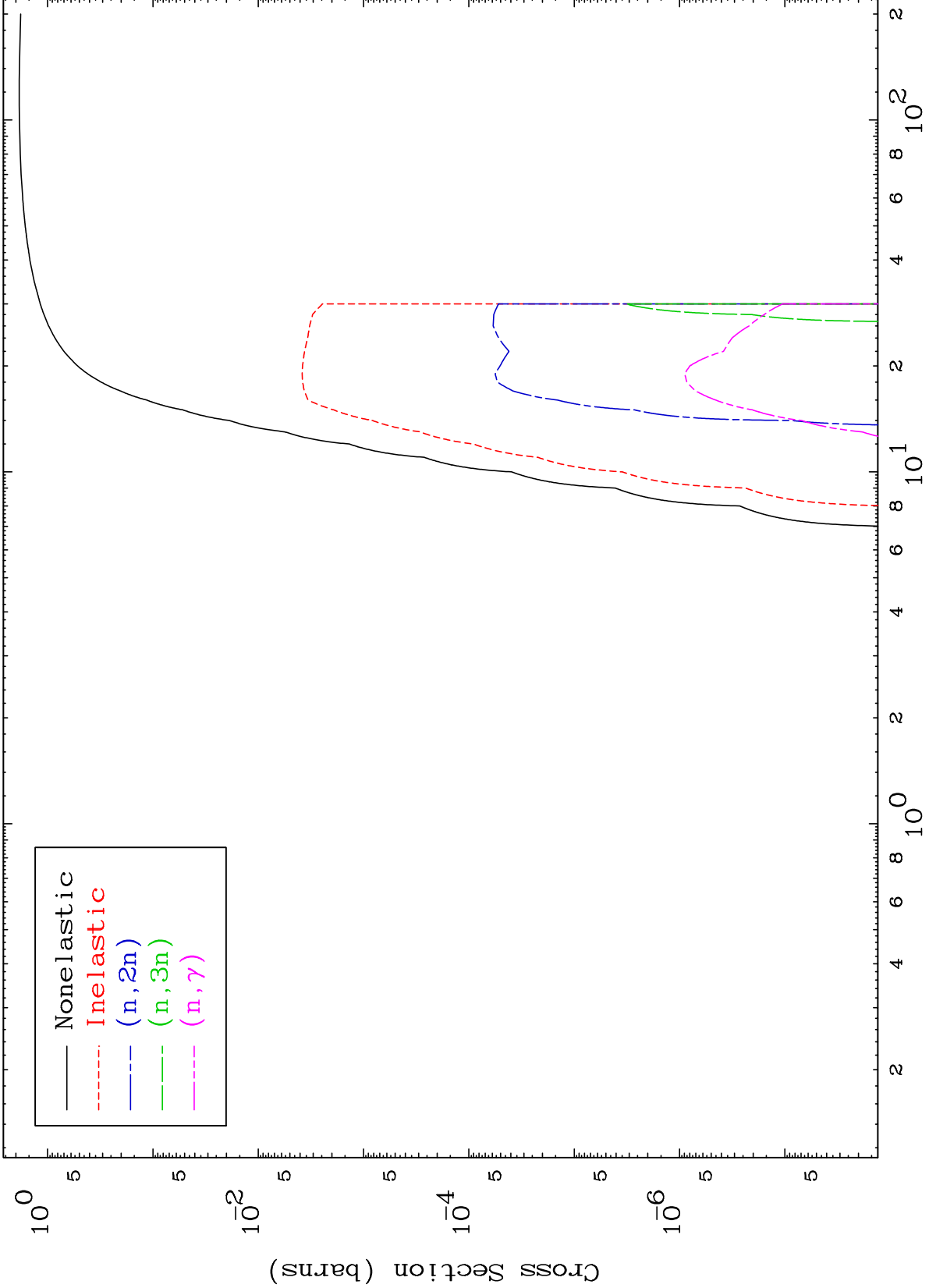
Press Mouse Button to Start

MAT 5404

He-3 Major

54-Xe-117

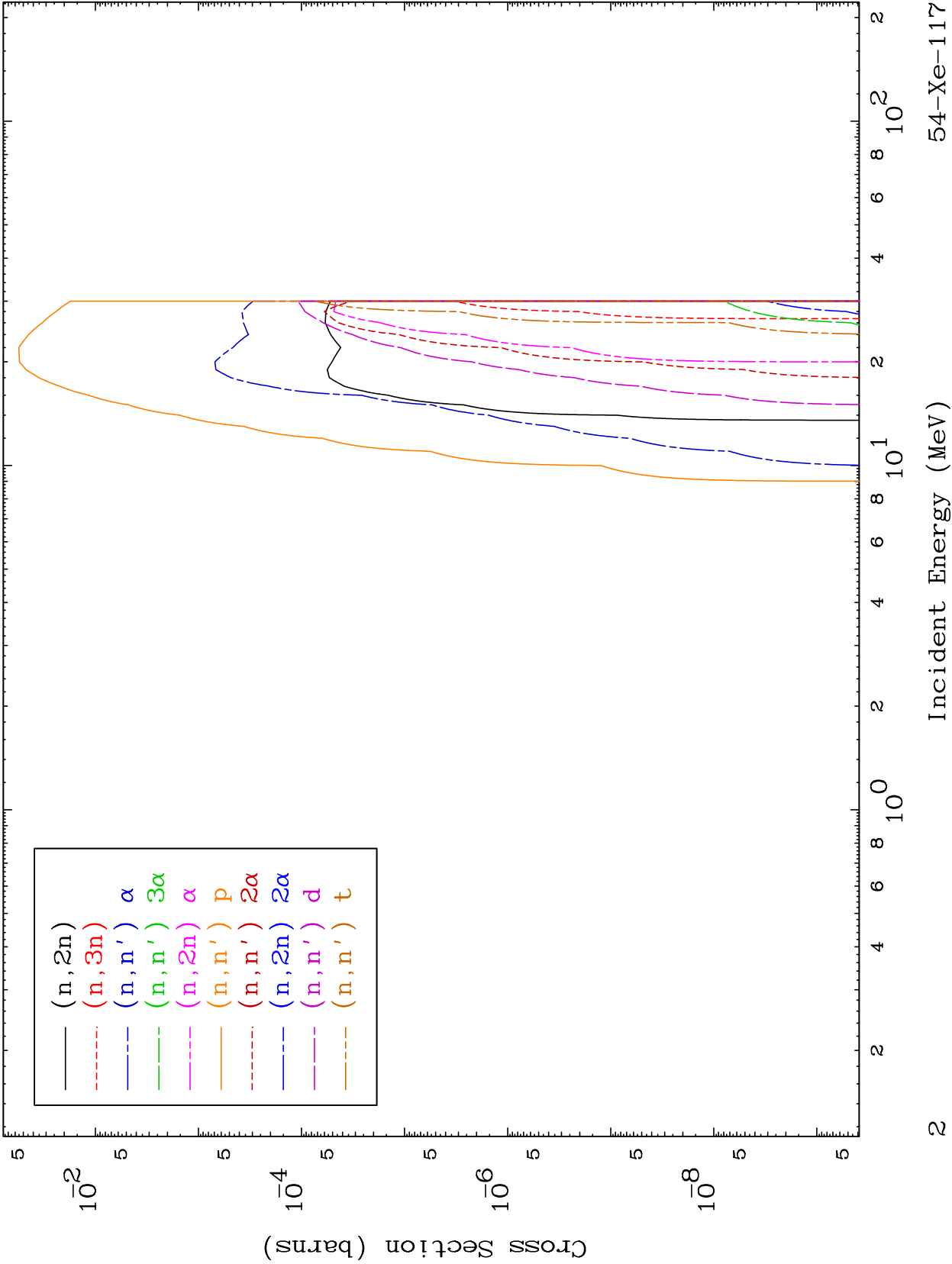
0 Kelvin Cross Sections

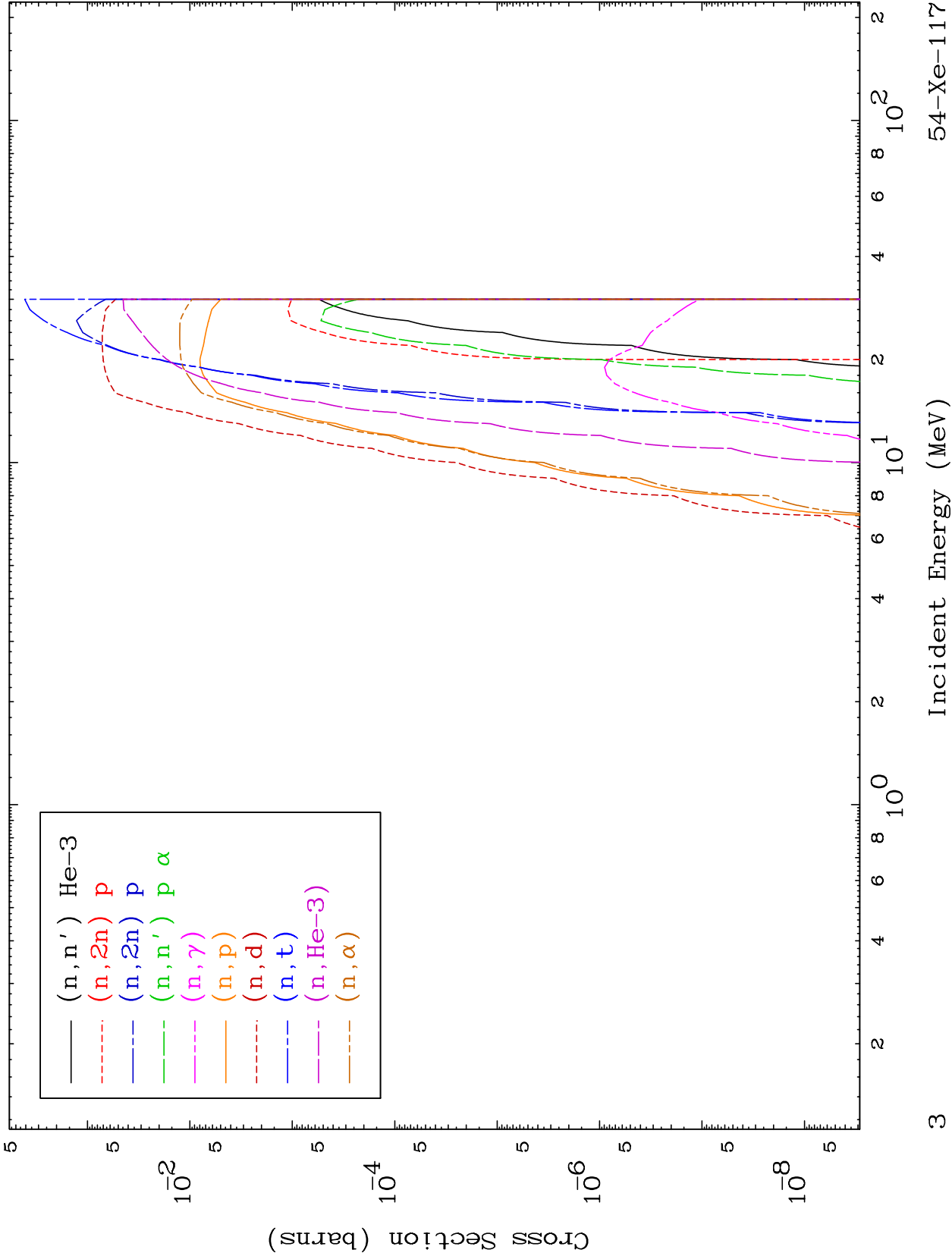


MAT 5404

He-3 Neutron Absorption
0 Kelvin Cross Sections

54-Xe-117

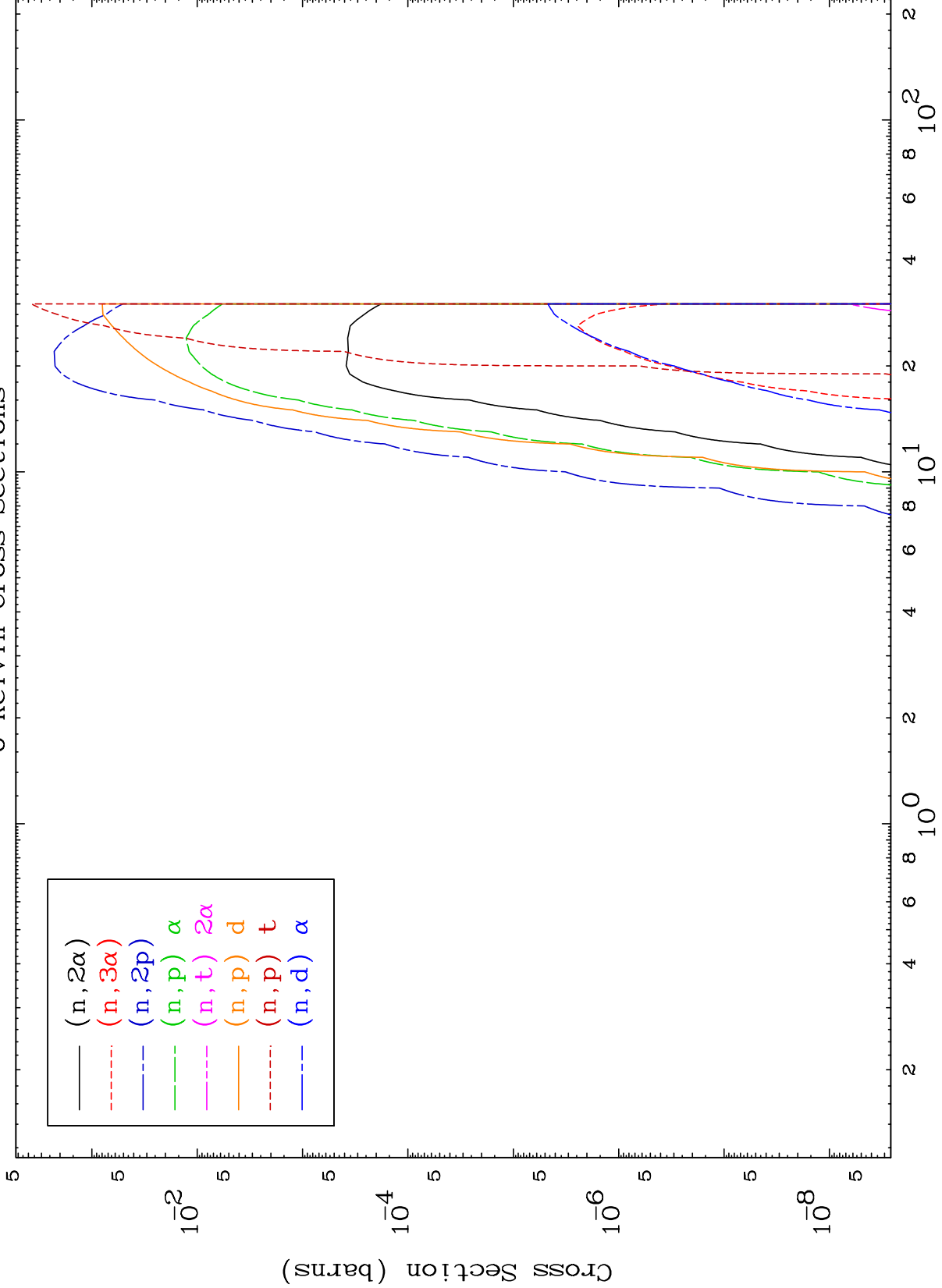


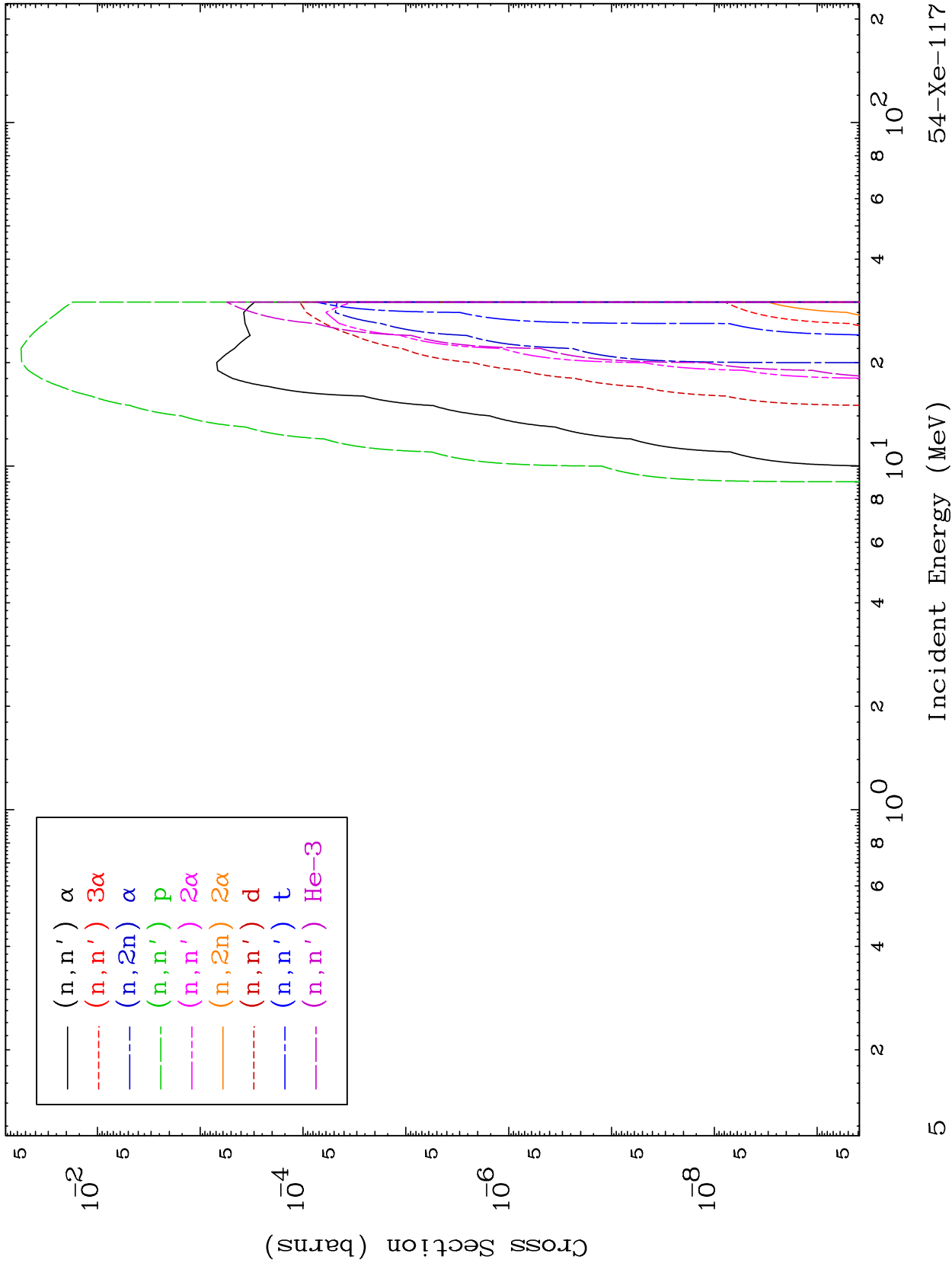


MAT 5404

He-3 Neutron Absorption
0 Kelvin Cross Sections

54-Xe-117

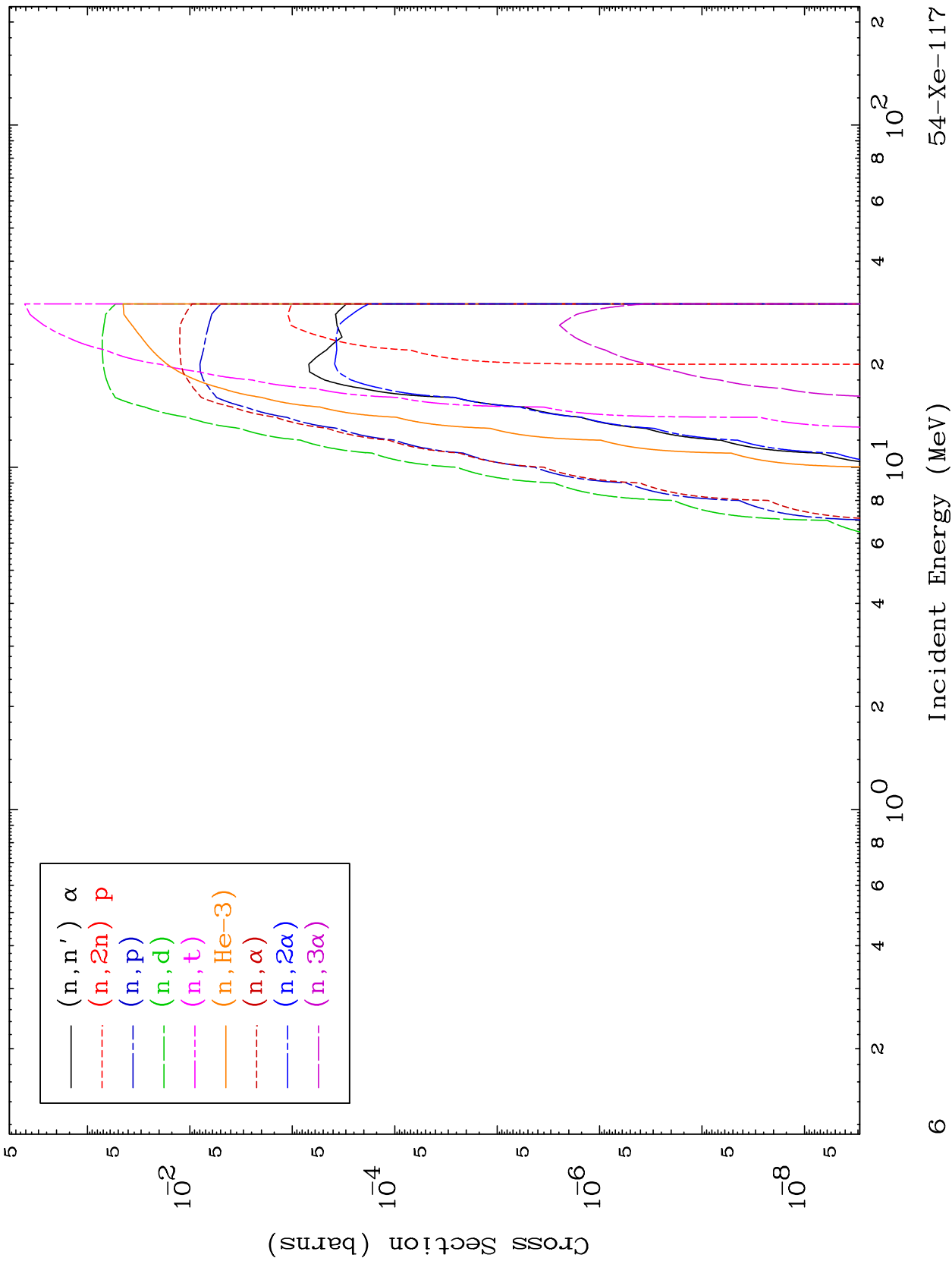




MAT 5404

He-3 Charged Particle
0 Kelvin Cross Sections

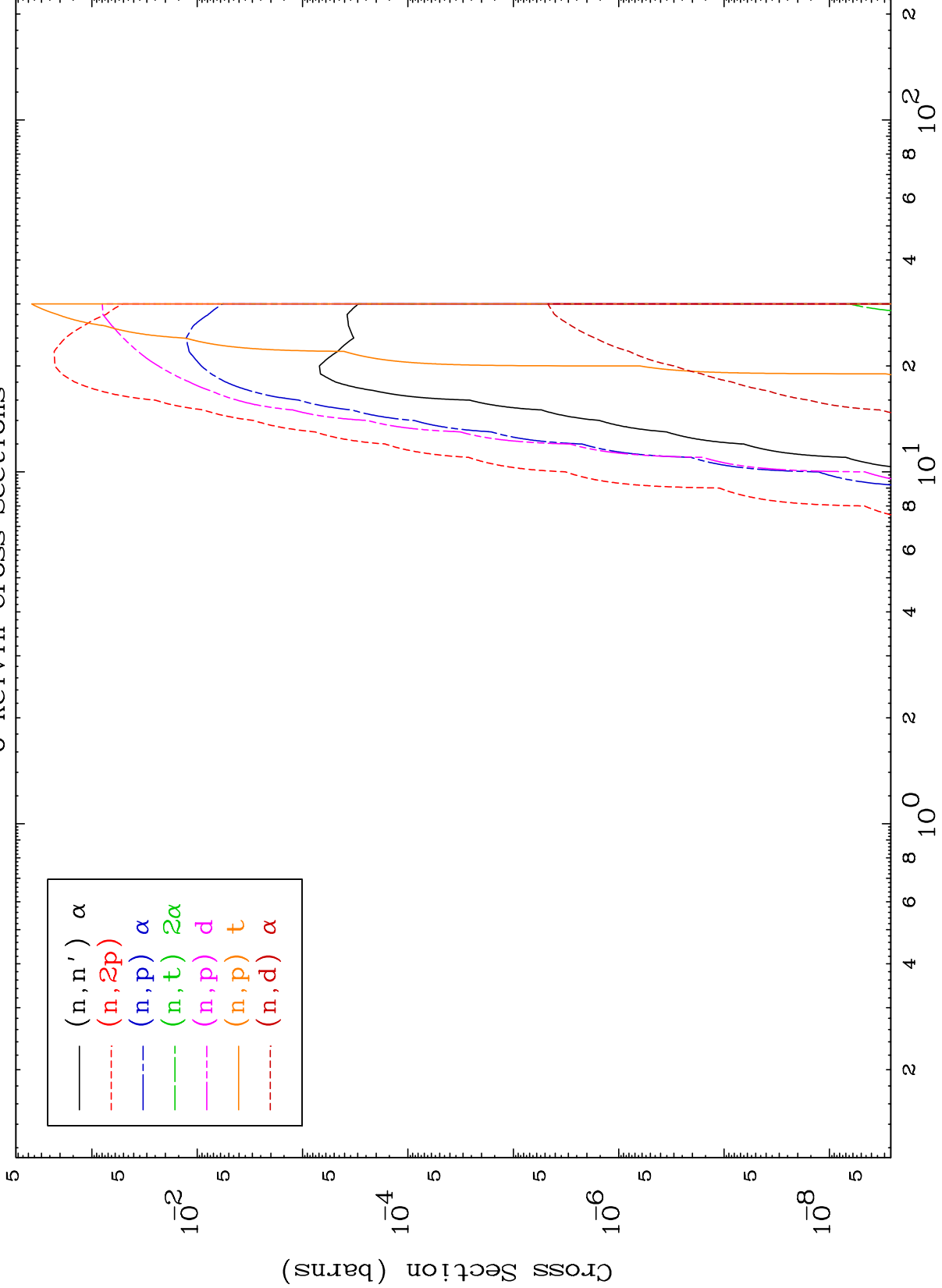
54-Xe-117



6

Incident Energy (MeV)

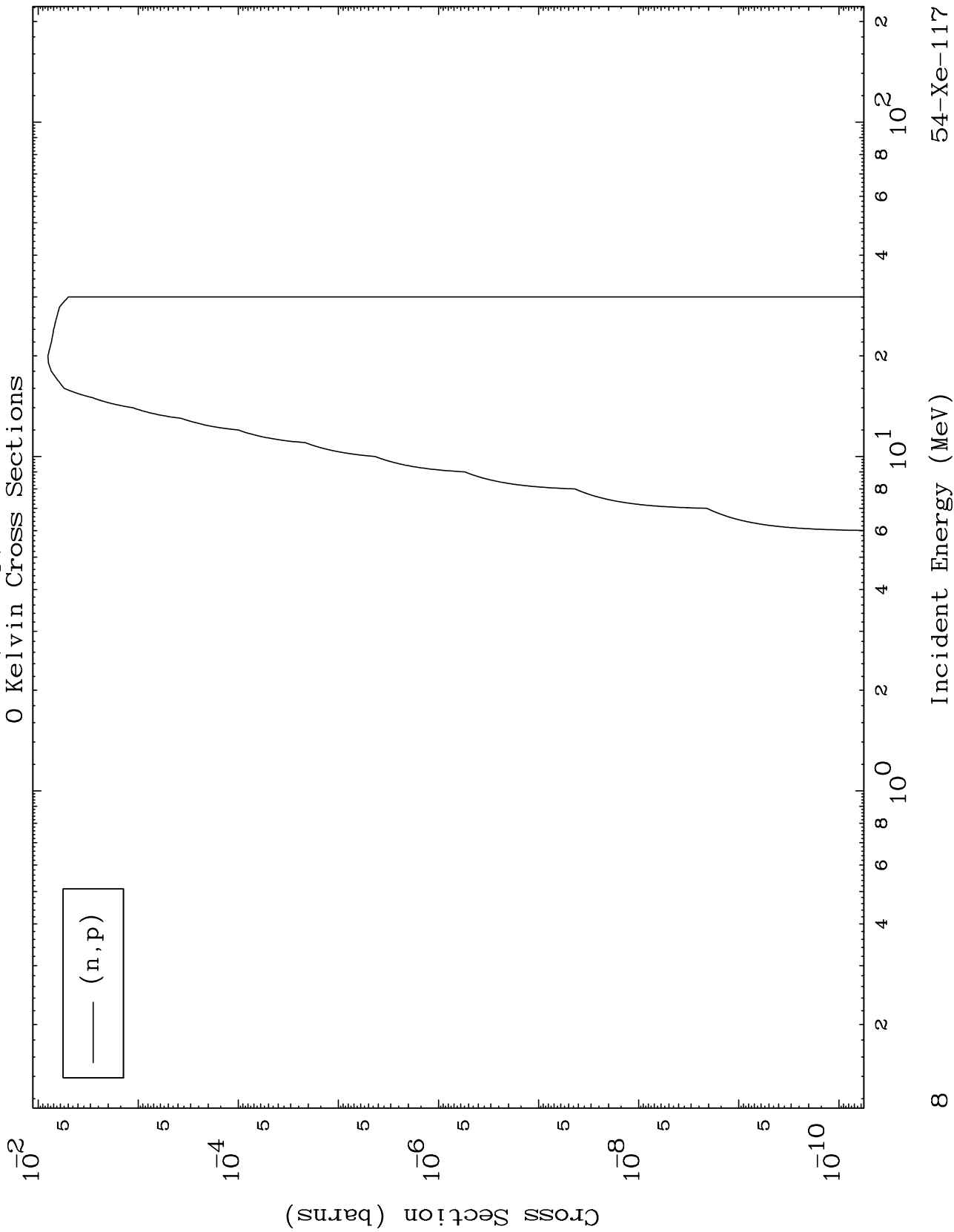
54-Xe-117



MAT 5404

(He-3,p) Levels

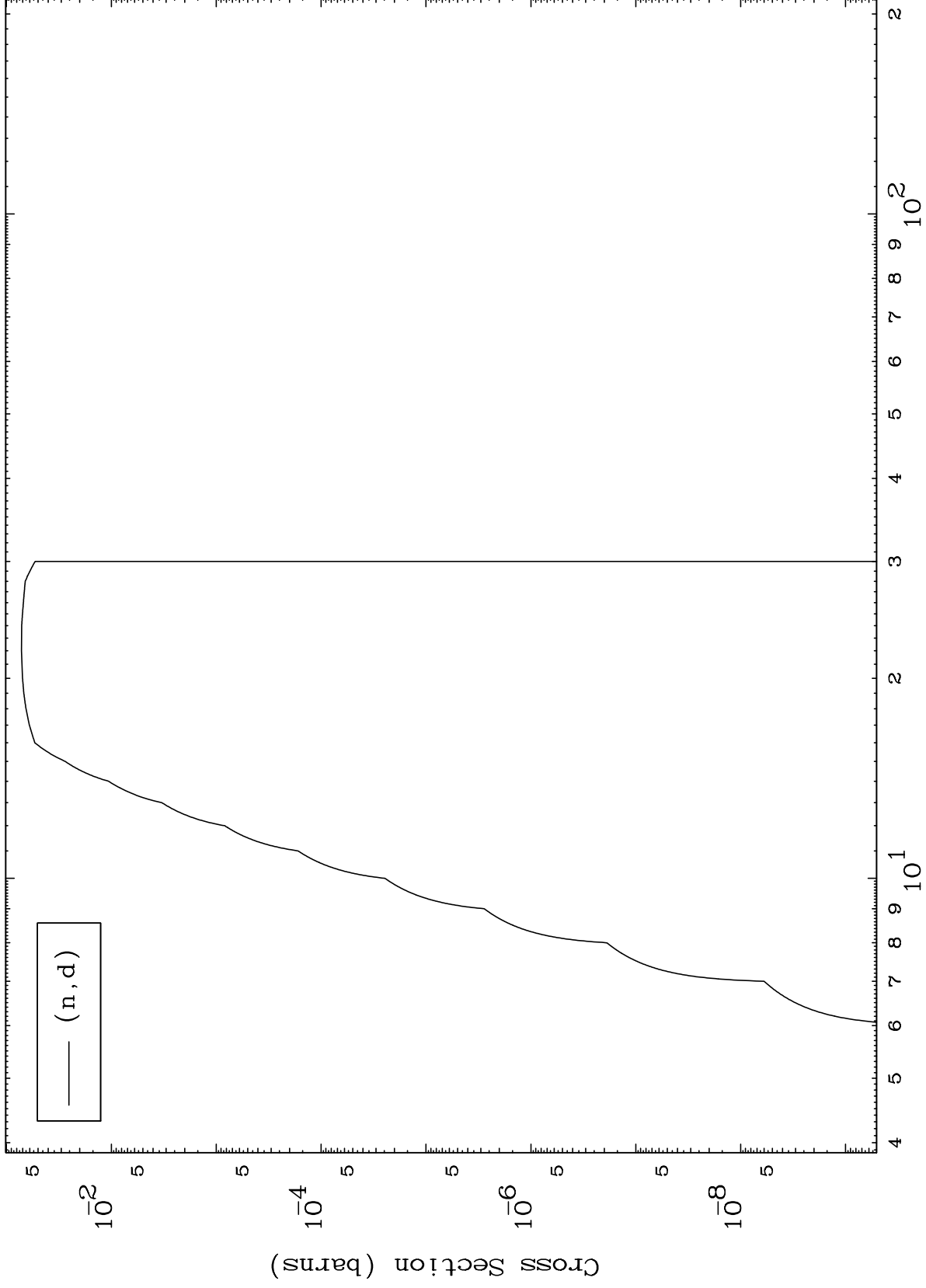
54-Xe-117



MAT 5404

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

54-Xe-117



(n,d)

9

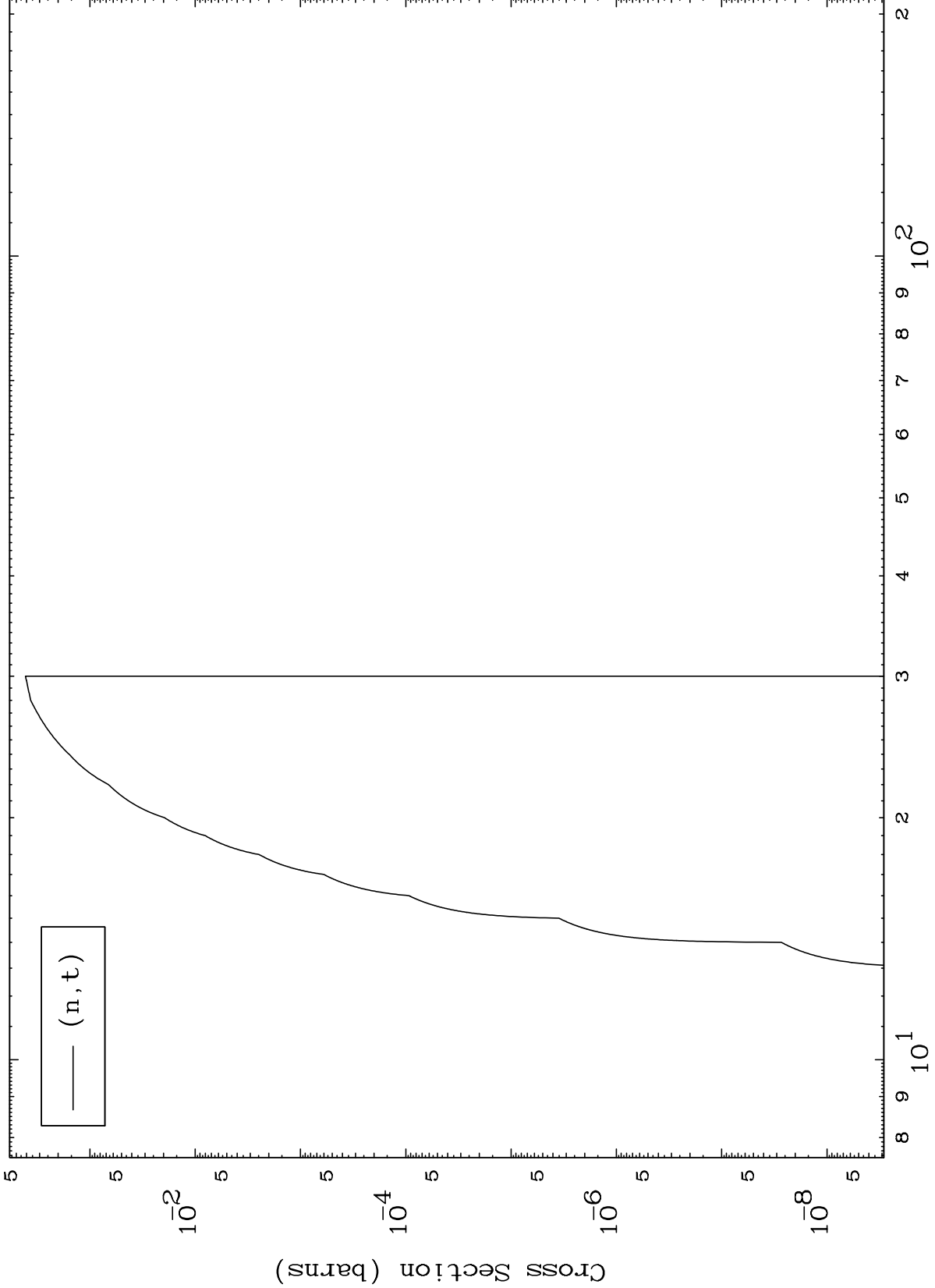
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



10

Incident Energy (MeV)

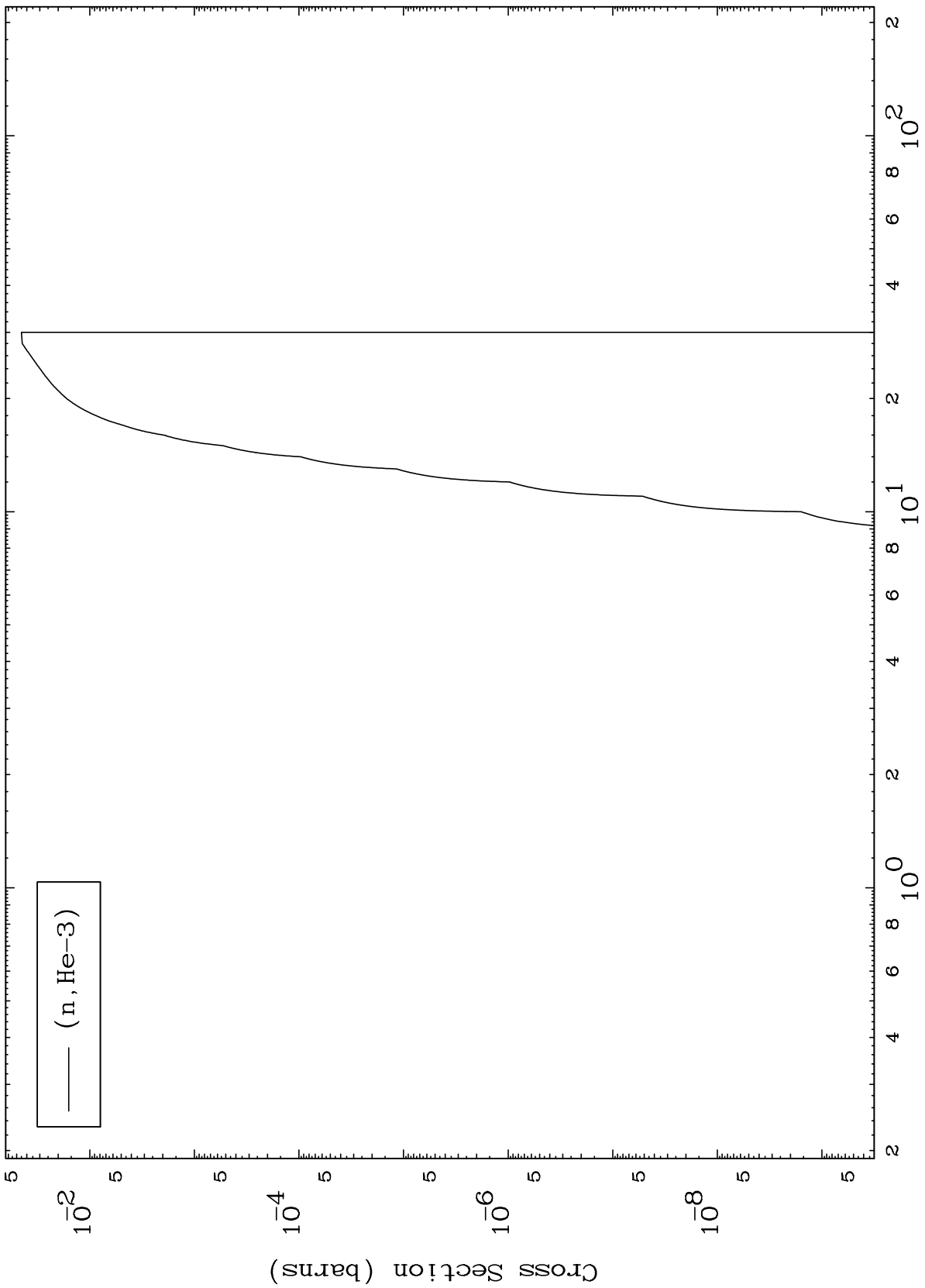
54-Xe-117

MAT 5404

(He-3, He3) Levels

54-Xe-117

0 Kelvin Cross Sections

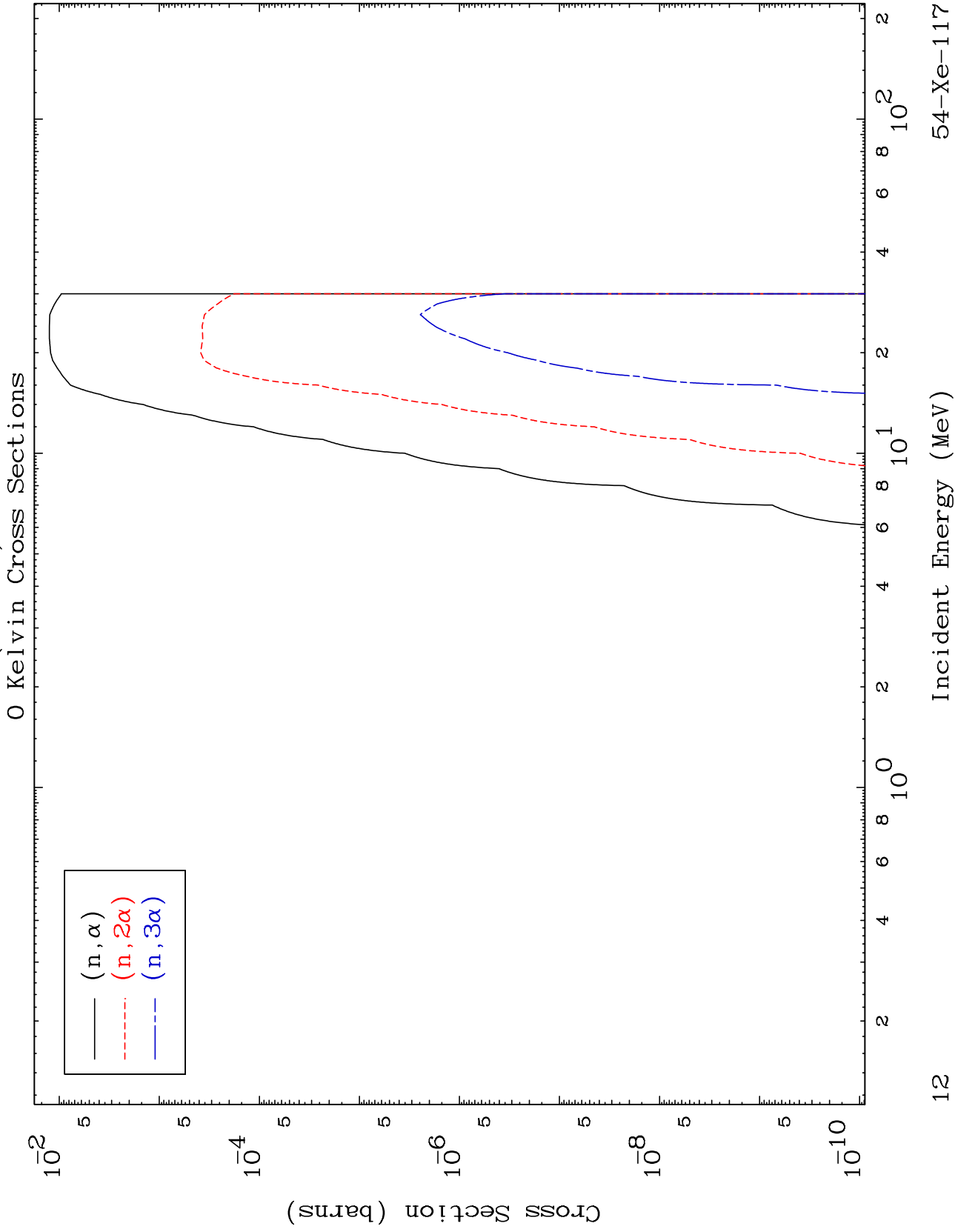


— (n, He-3)

MAT 5404

(He-3, α) Levels

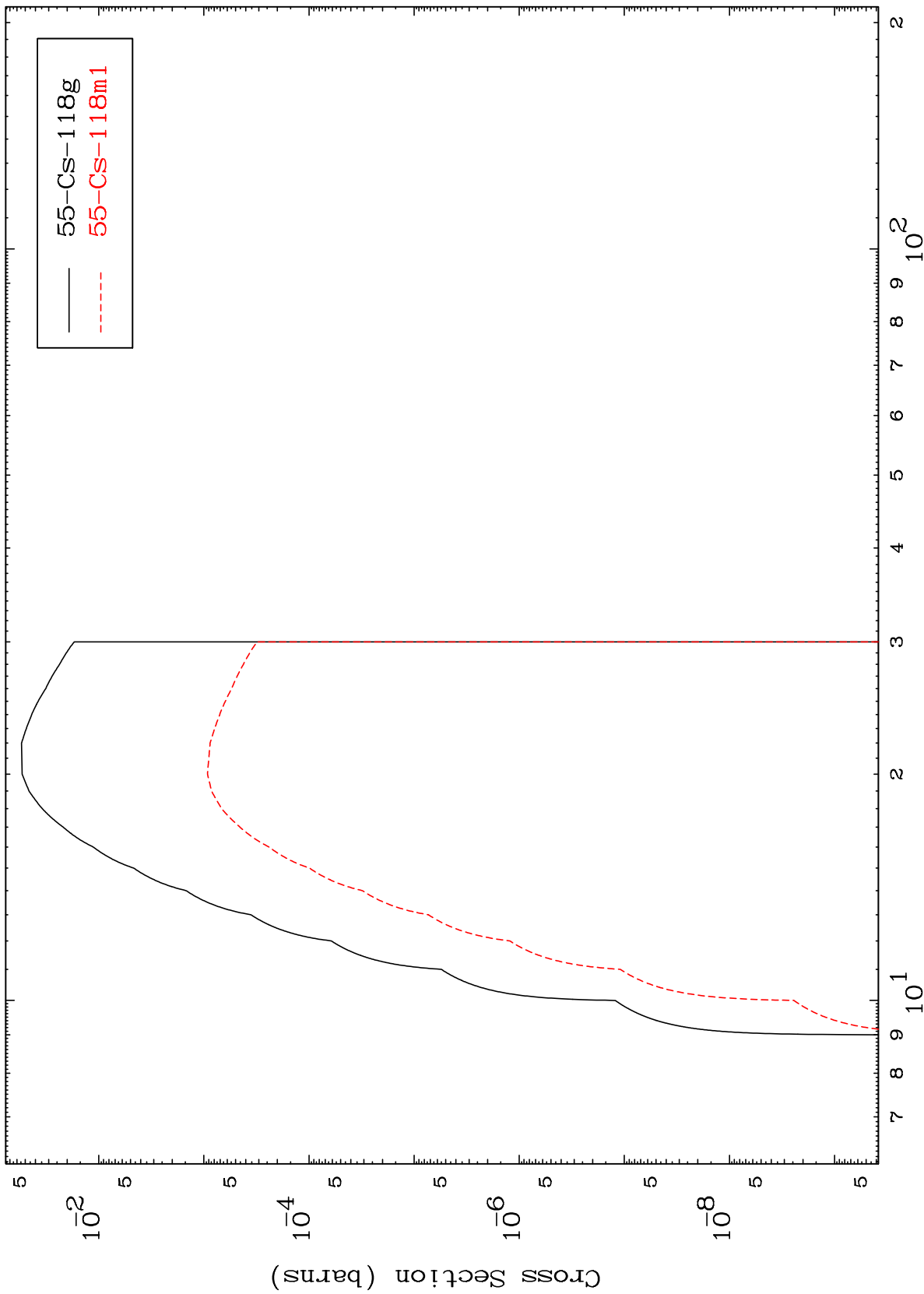
54-Xe-117



MAT 5404

54-Xe-117

(n, n') p
Radionuclide Production Cross Section



54-Xe-117

Incident Energy (MeV)

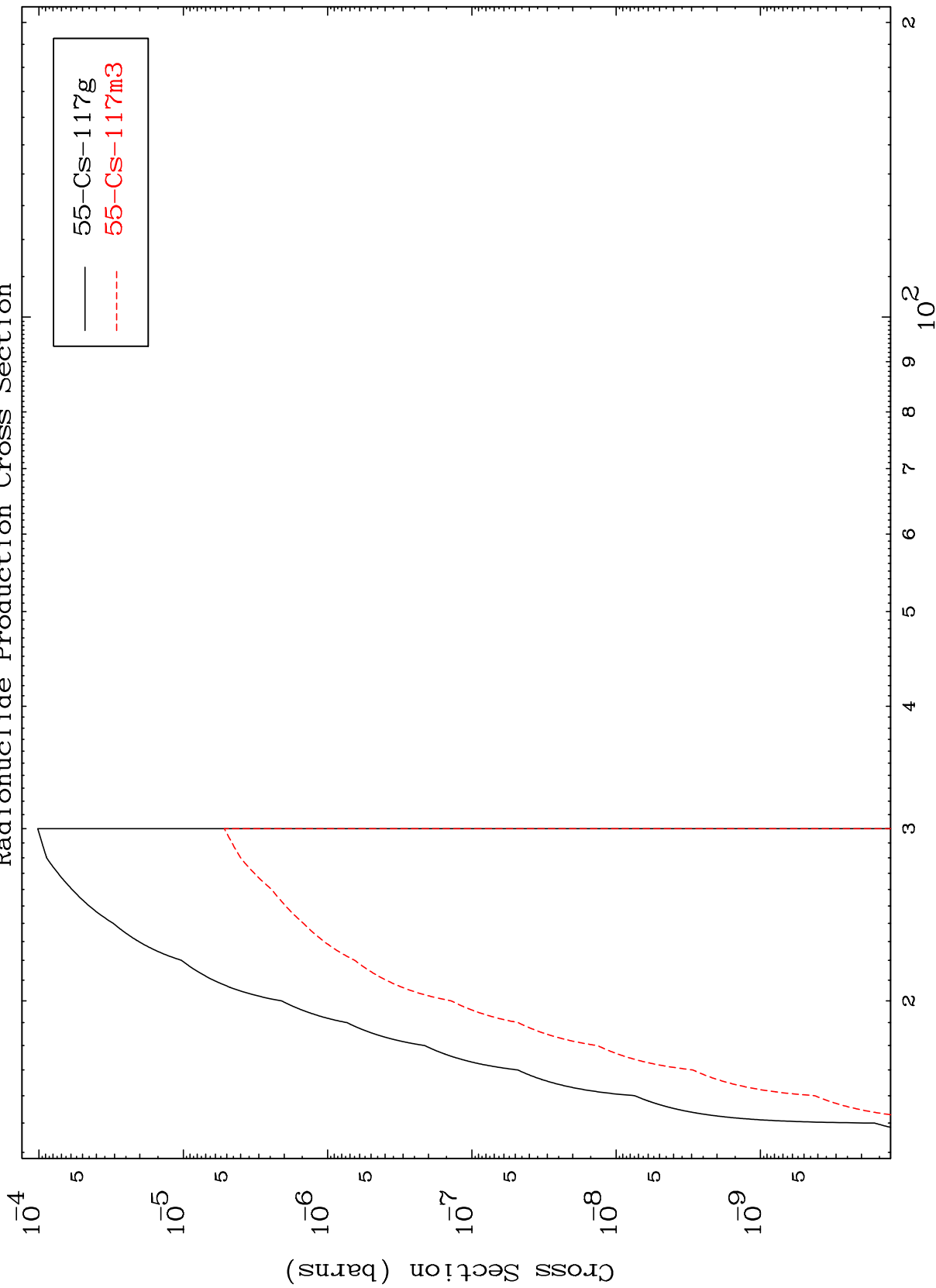
13

MAT 5404

(n,n') d

54-Xe-117

Radionuclide Production Cross Section



14

Incident Energy (MeV)

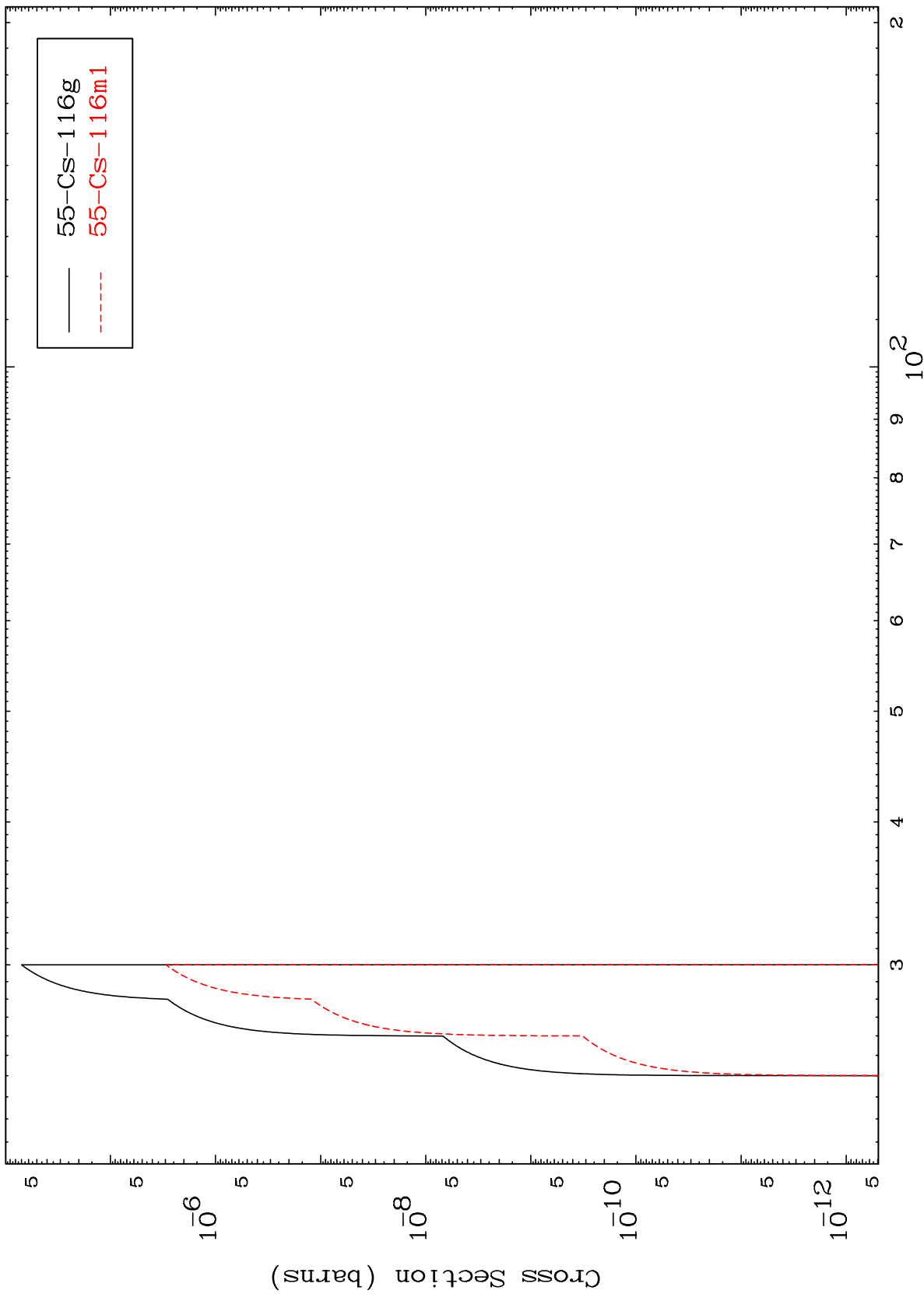
54-Xe-117

MAT 5404

(n,n') t

54-Xe-117

Radionuclide Production Cross Section



15

Incident Energy (MeV)

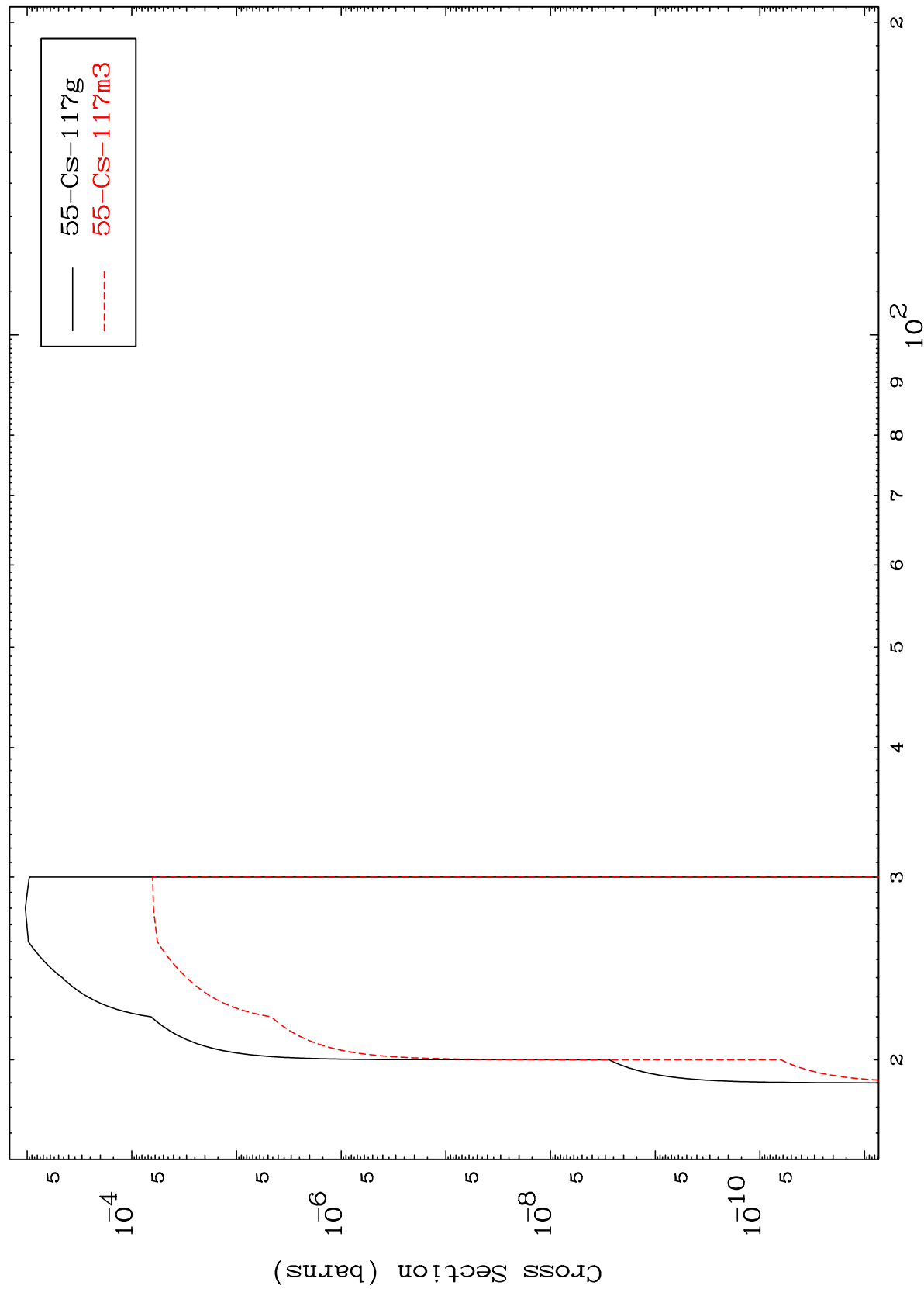
54-Xe-117

MAT 5404

(n,2n) p

54-Xe-117

Radionuclide Production Cross Section



16

Incident Energy (MeV)

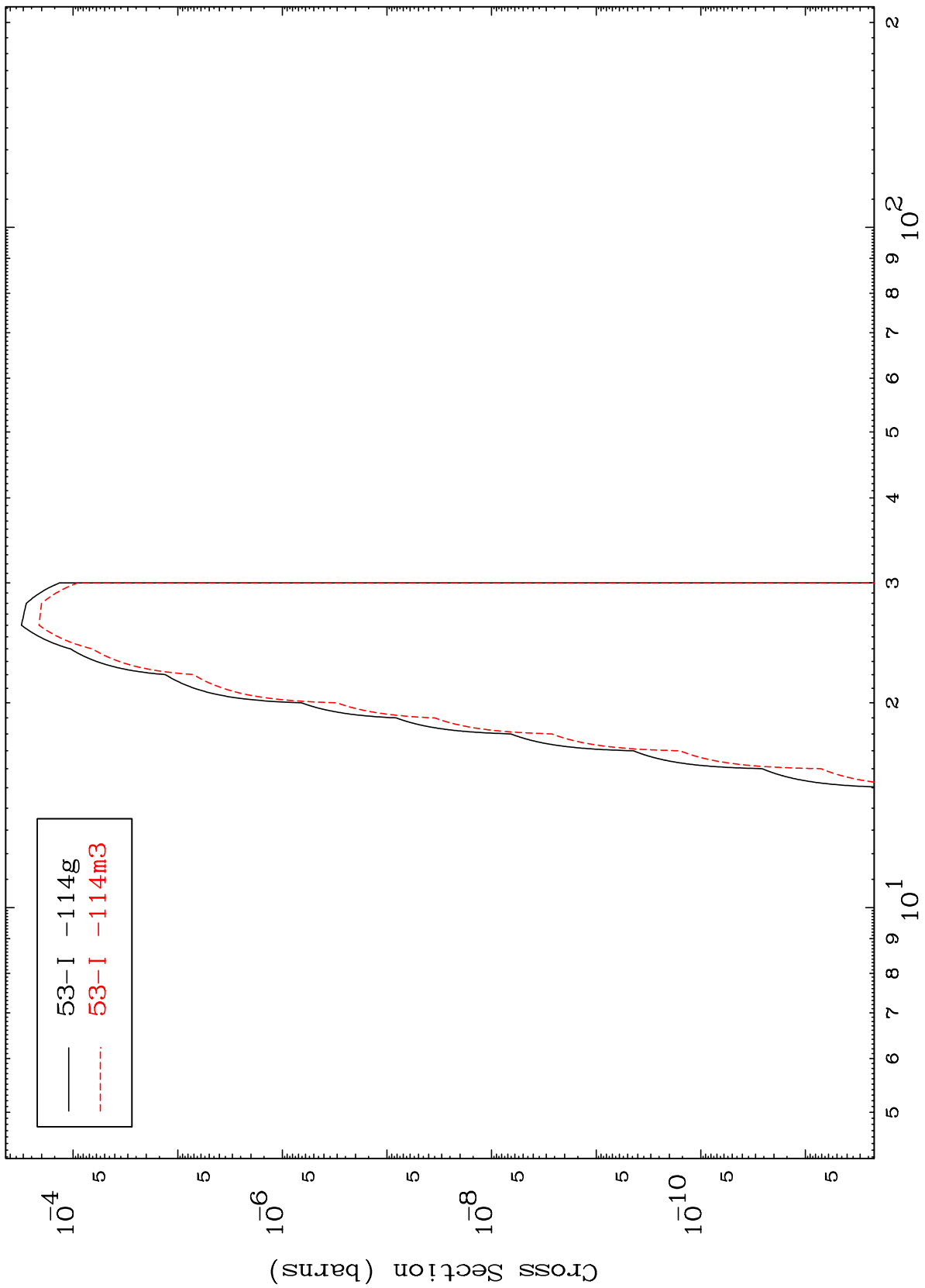
54-Xe-117

MAT 5404

(n,n') p α

54-Xe-117

Radionuclide Production Cross Section



53-I-114g
53-I-114m3

17

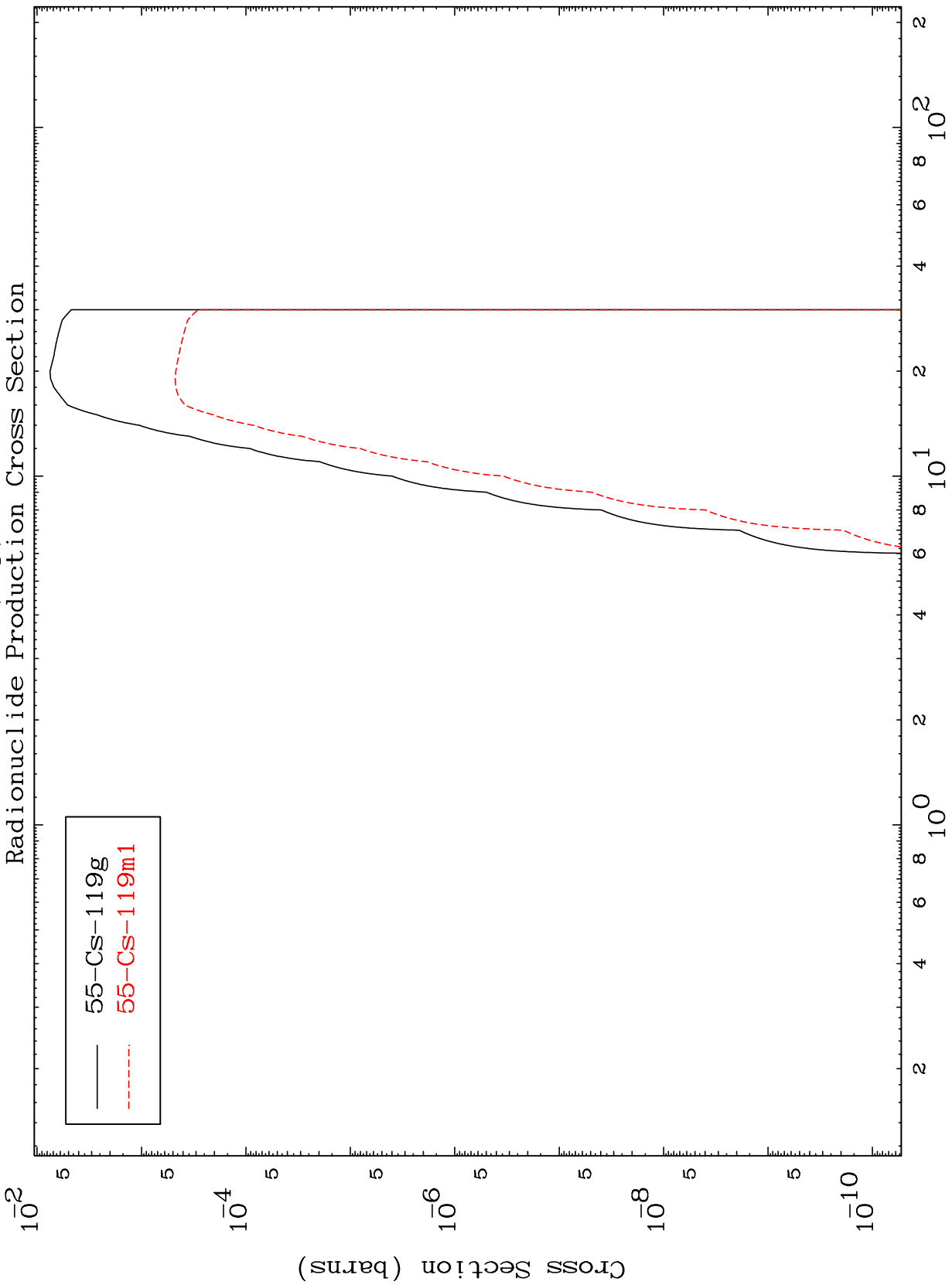
Incident Energy (MeV)

54-Xe-117

MAT 5404

54-Xe-117

(n,p)
Radionuclide Production Cross Section



54-Xe-117

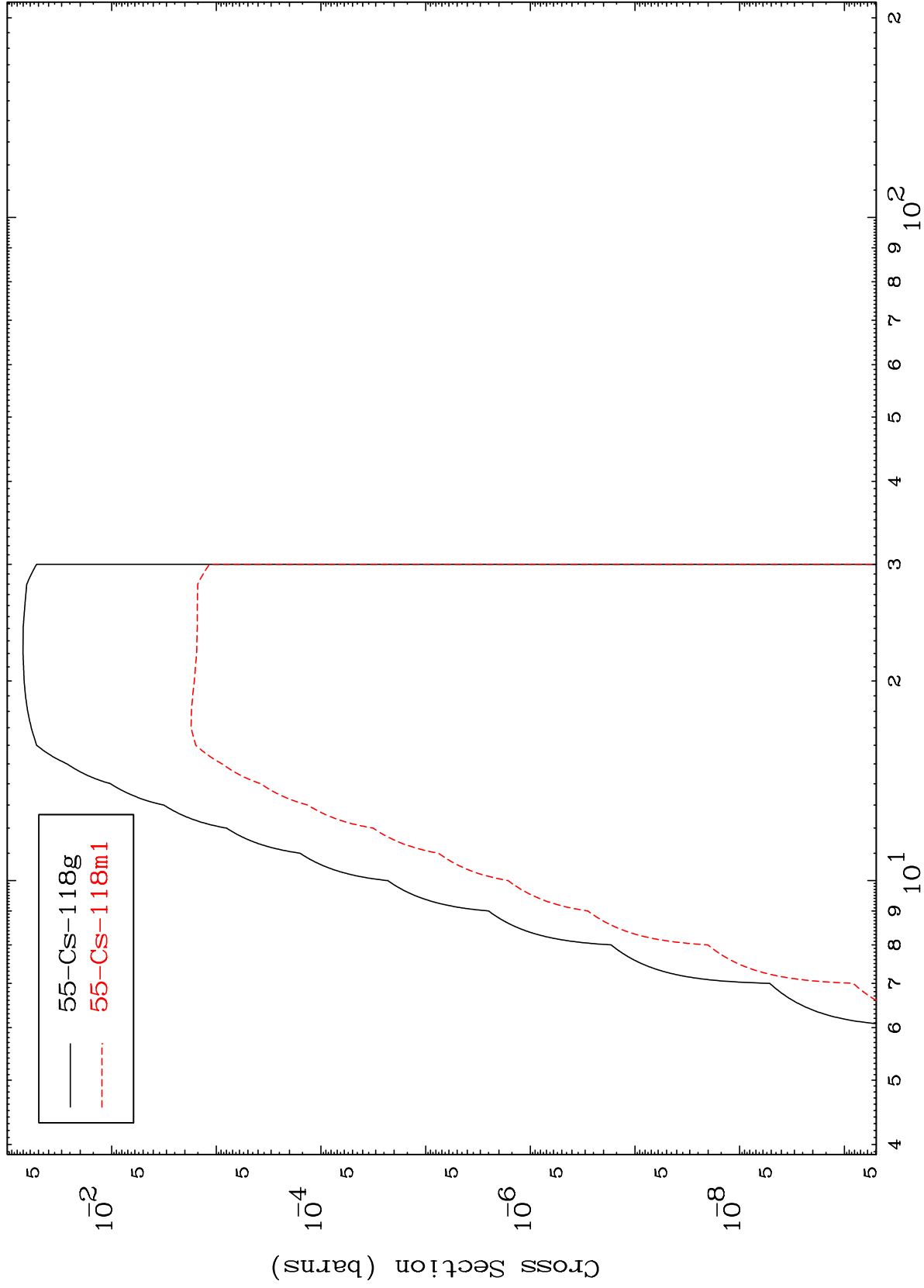
Incident Energy (MeV)

18

MAT 5404

54-Xe-117

(n,d)
Radionuclide Production Cross Section



19

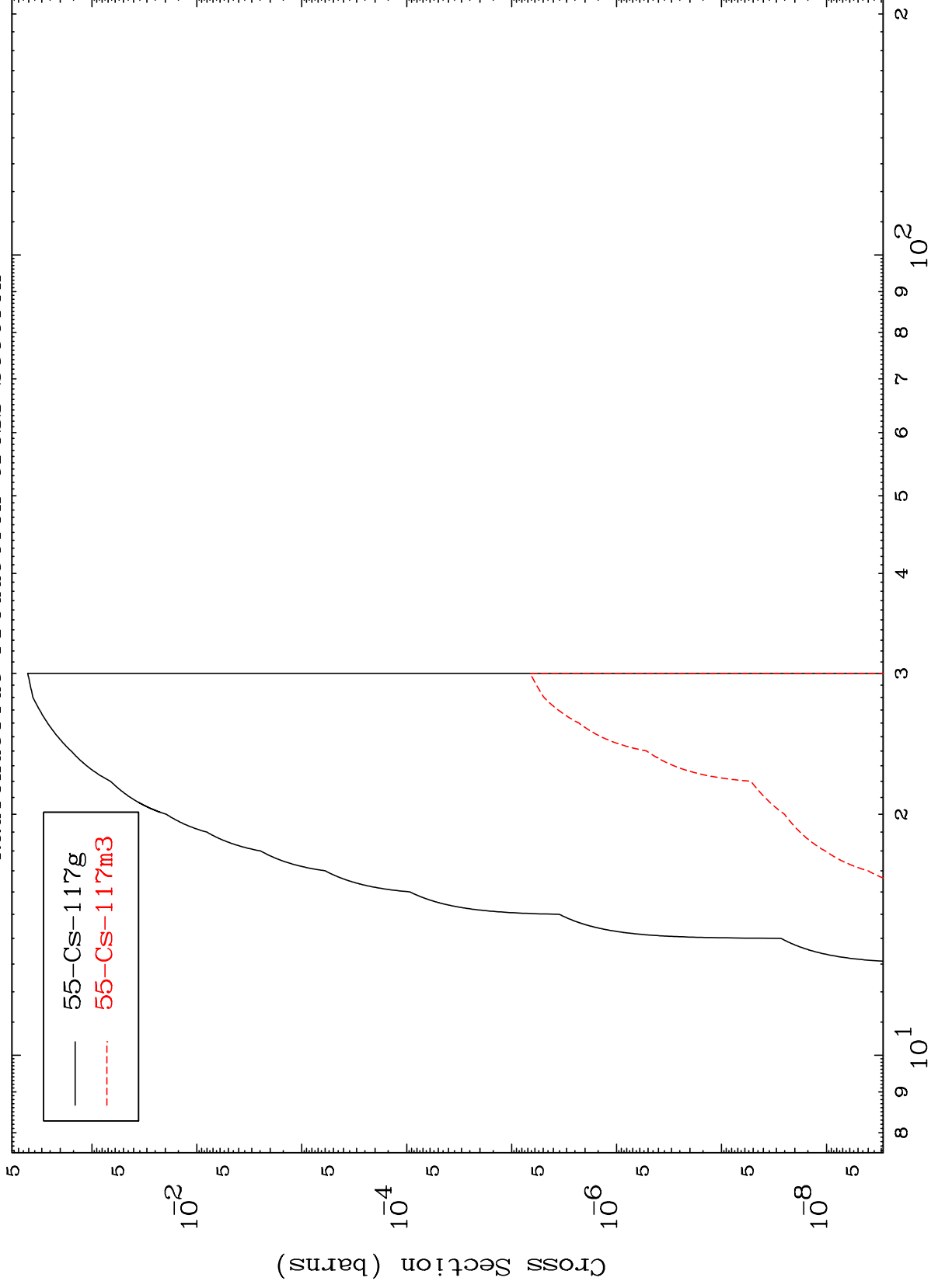
Incident Energy (MeV)

54-Xe-117

MAT 5404

54-Xe-117

(n,t)
Radionuclide Production Cross Section



54-Xe-117

Incident Energy (MeV)

20

MAT 5404

(n,d) α

54-Xe-117

Radionuclide Production Cross Section

