

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

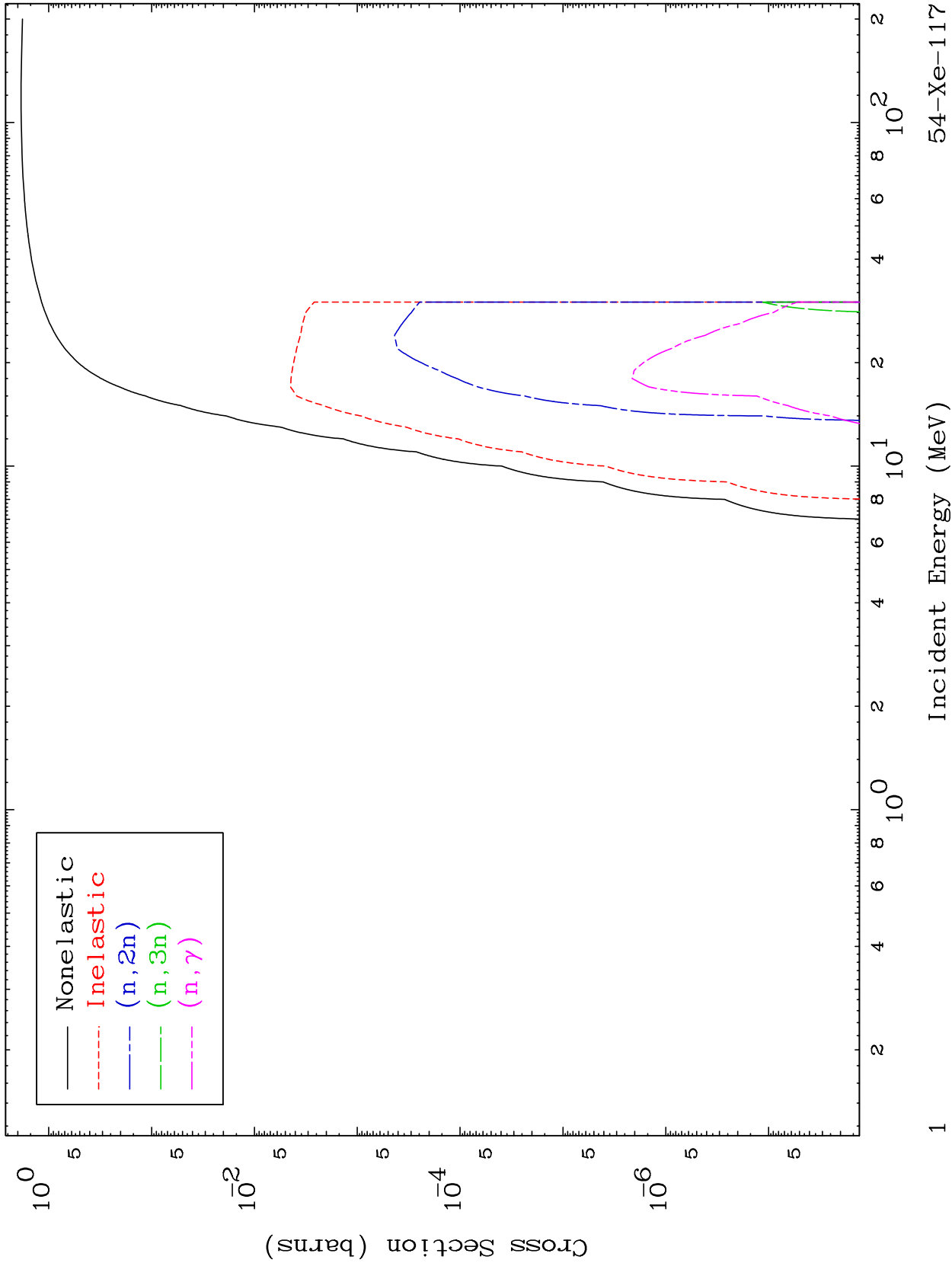
Press Mouse Button to Start

MAT 5404

He-3 Major

54-Xe-117

0 Kelvin Cross Sections



1

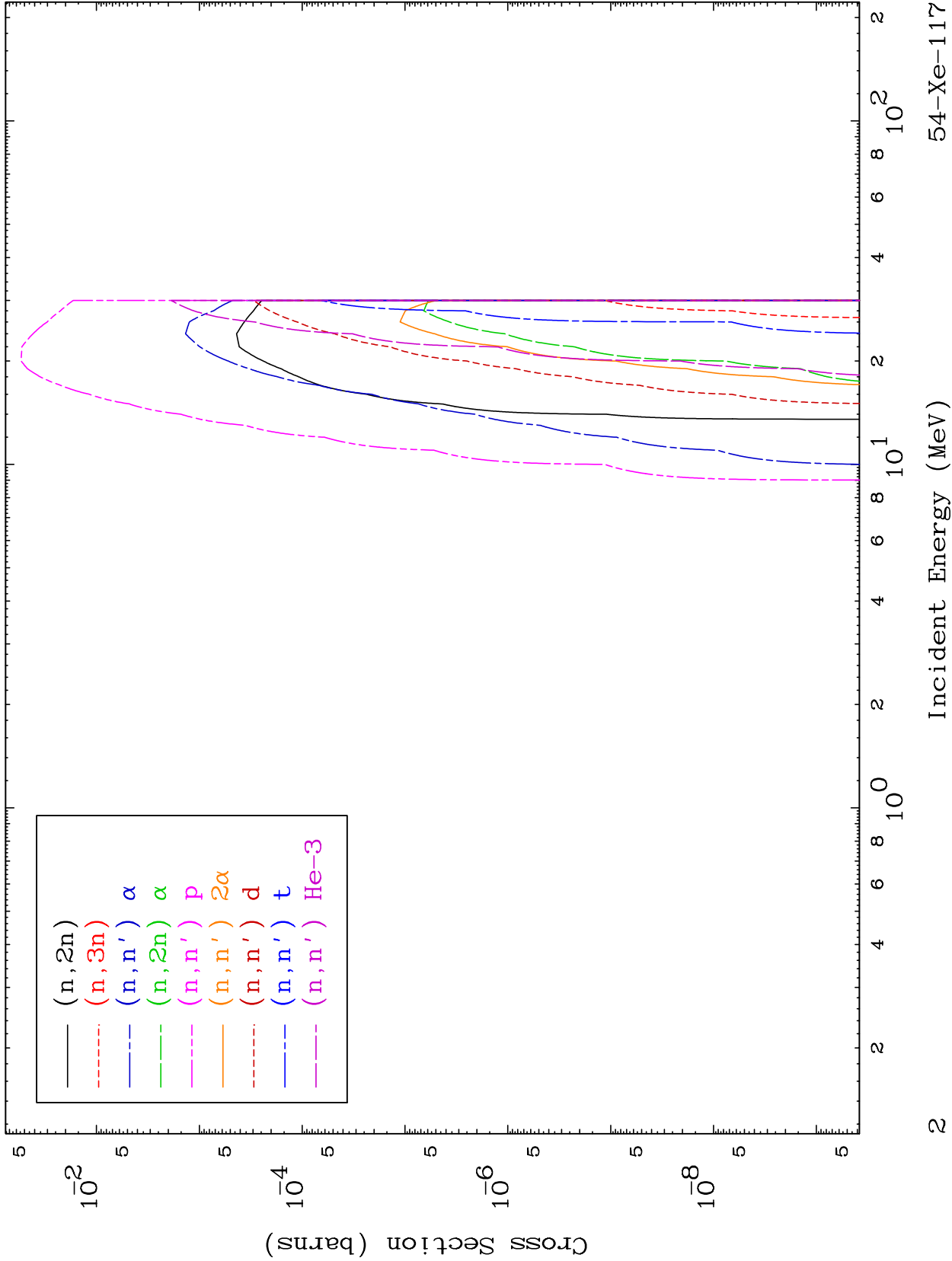
Incident Energy (MeV)

54-Xe-117

MAT 5404

He-3 Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-117



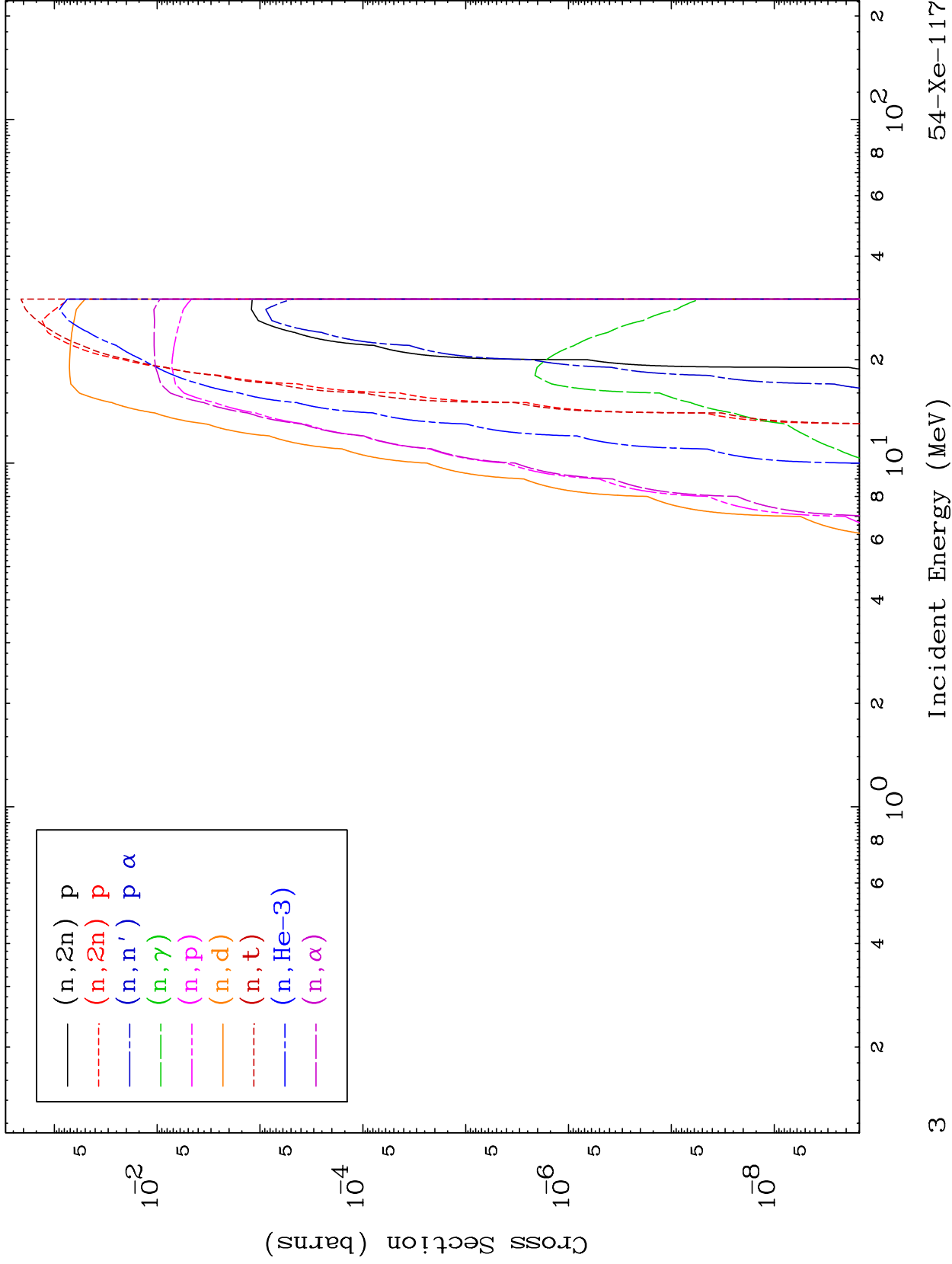
54-Xe-117

Incident Energy (MeV)

MAT 5404

He-3 Neutron Absorption  
0 Kelvin Cross Sections

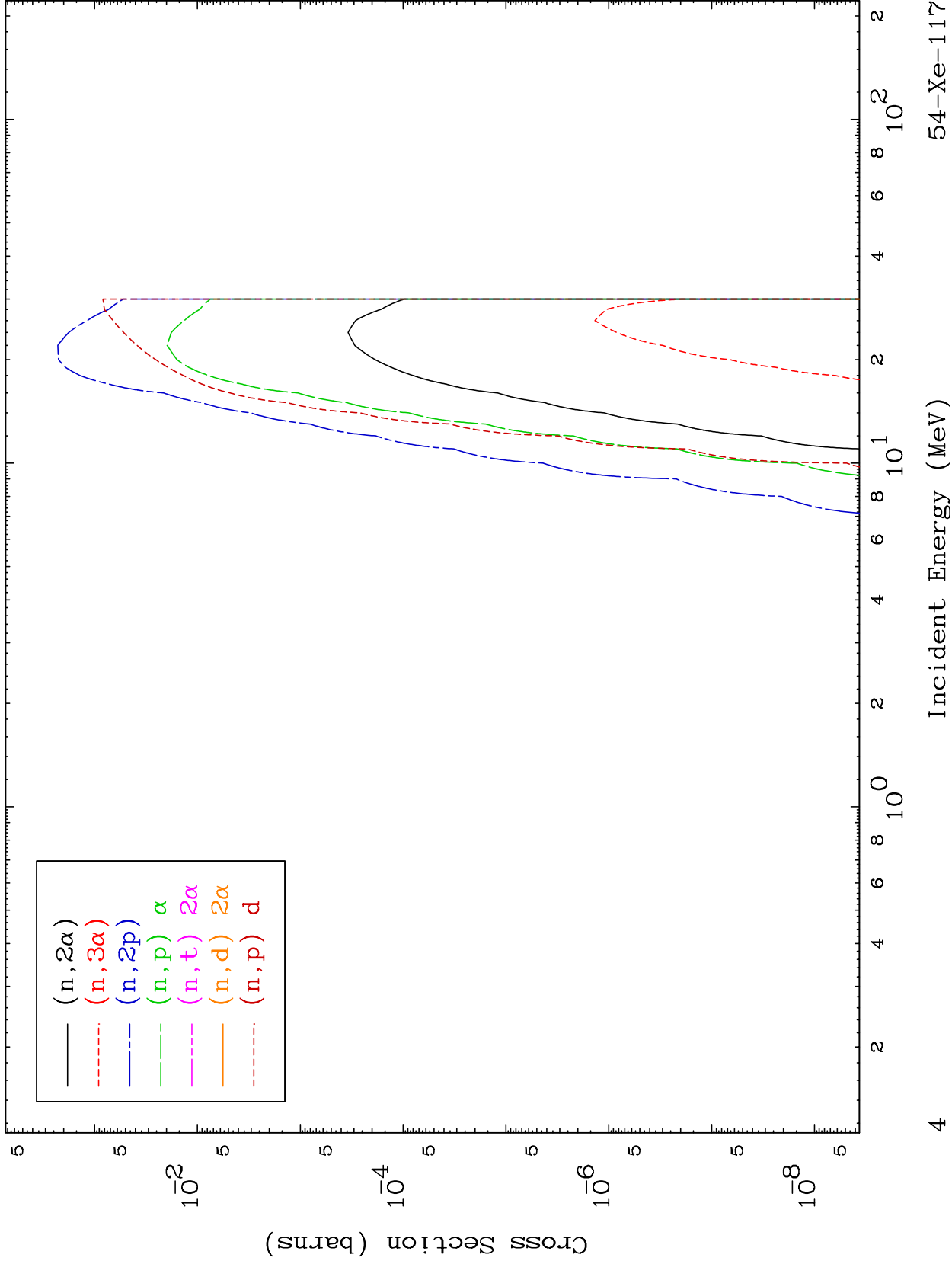
54-Xe-117

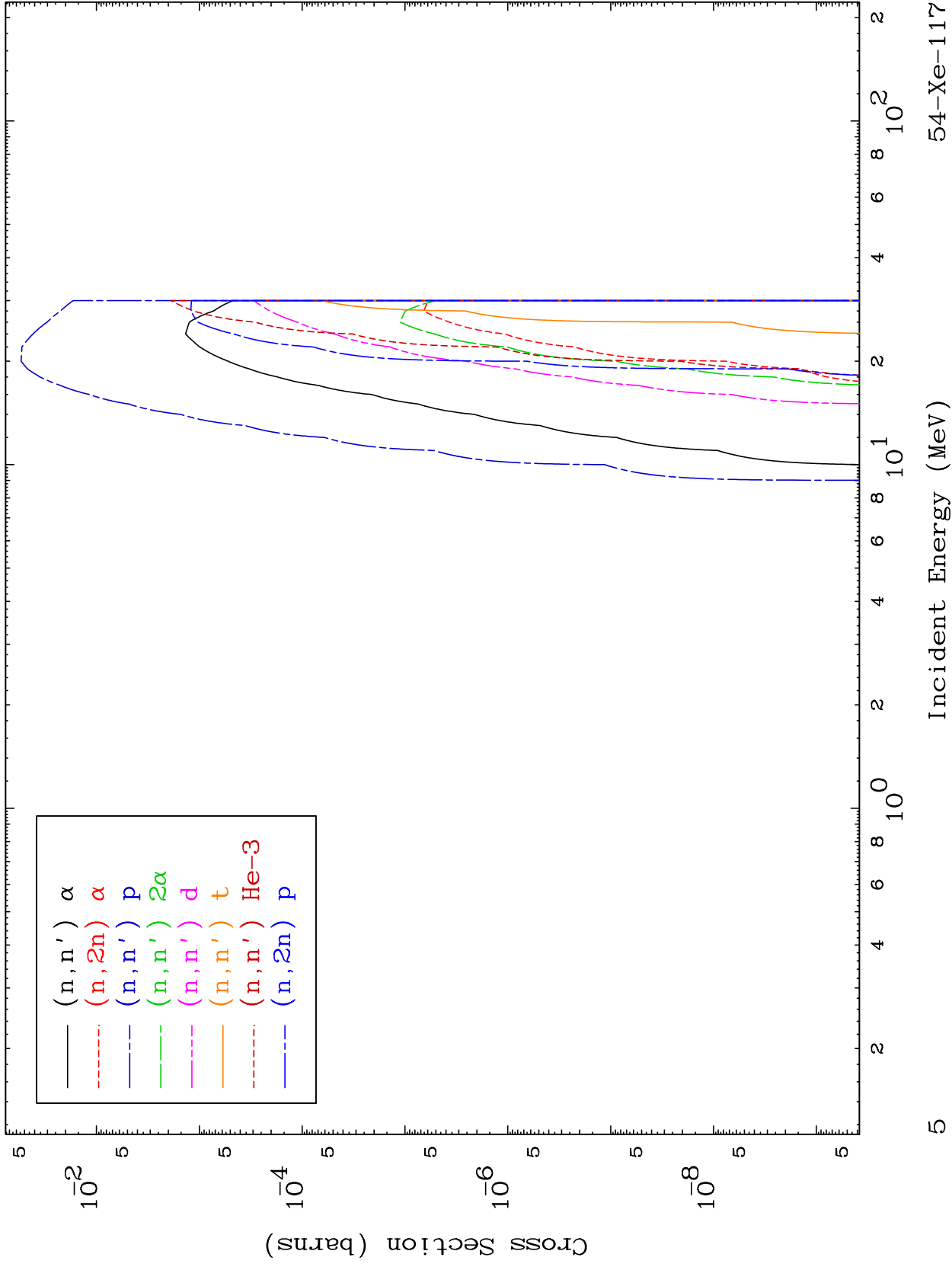


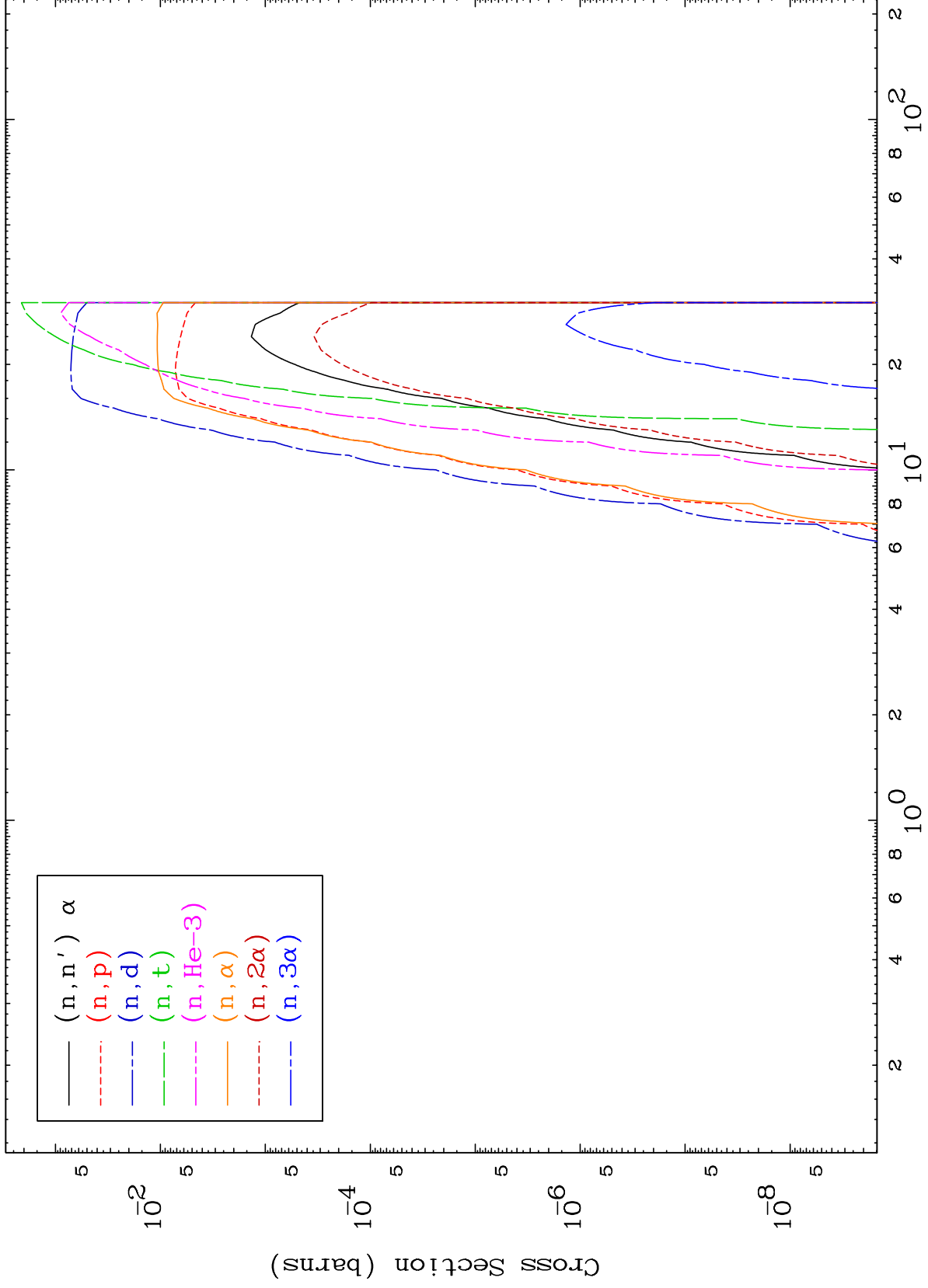
MAT 5404

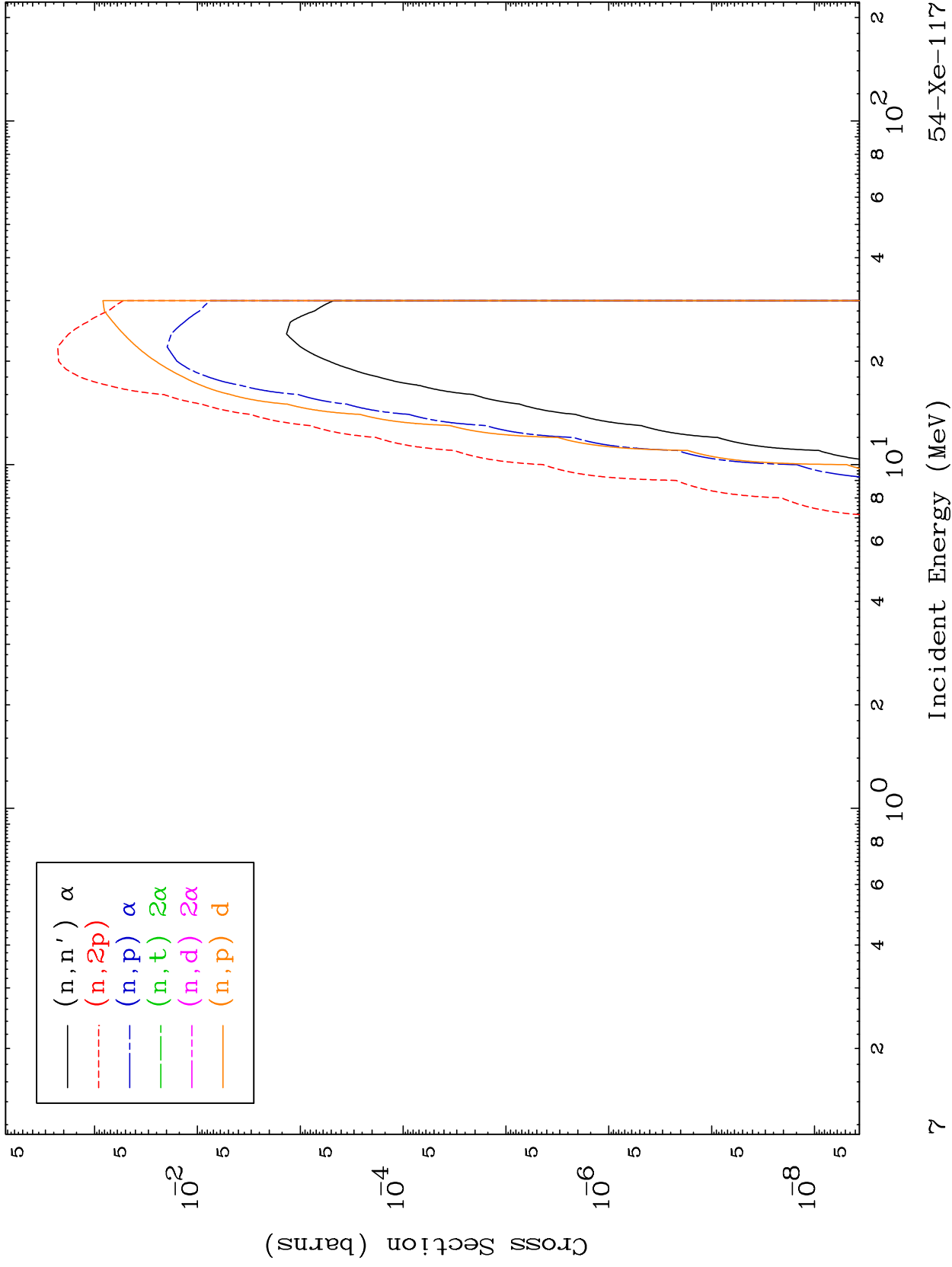
He-3 Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-117





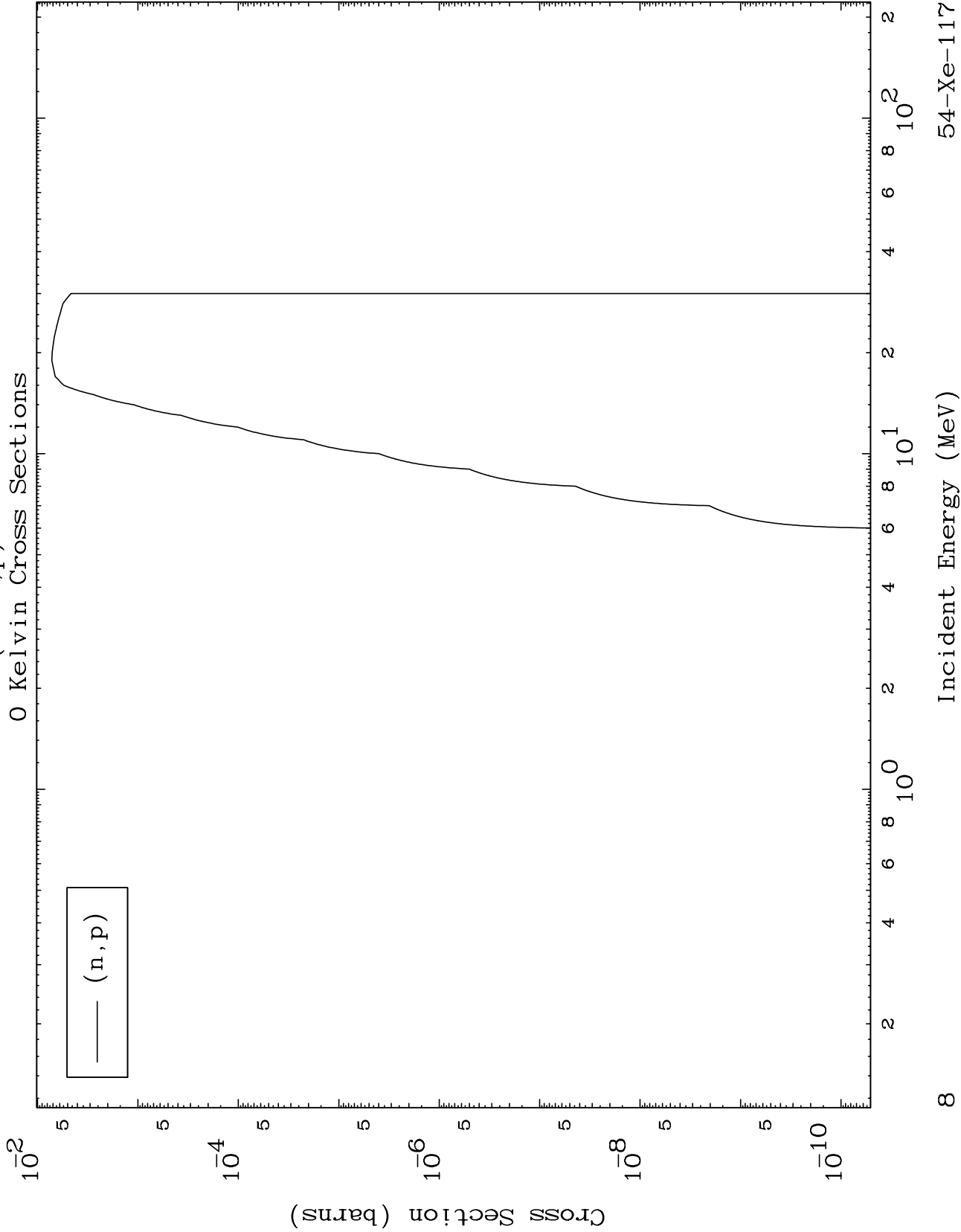




MAT 5404

(He-3,p) Levels

54-Xe-117

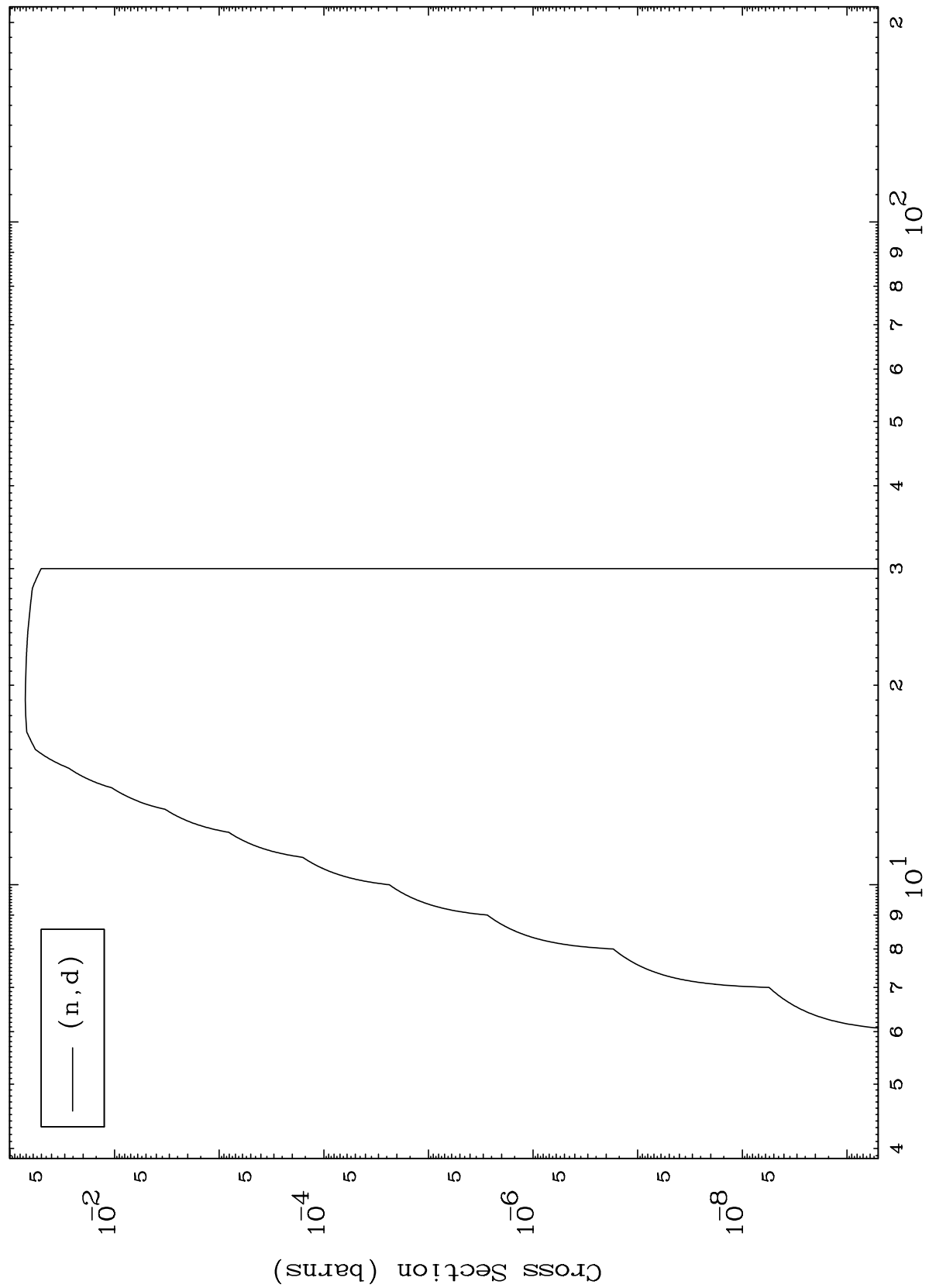


MAT 5404

(He-3,d) Levels

54-Xe-117

0 Kelvin Cross Sections



9

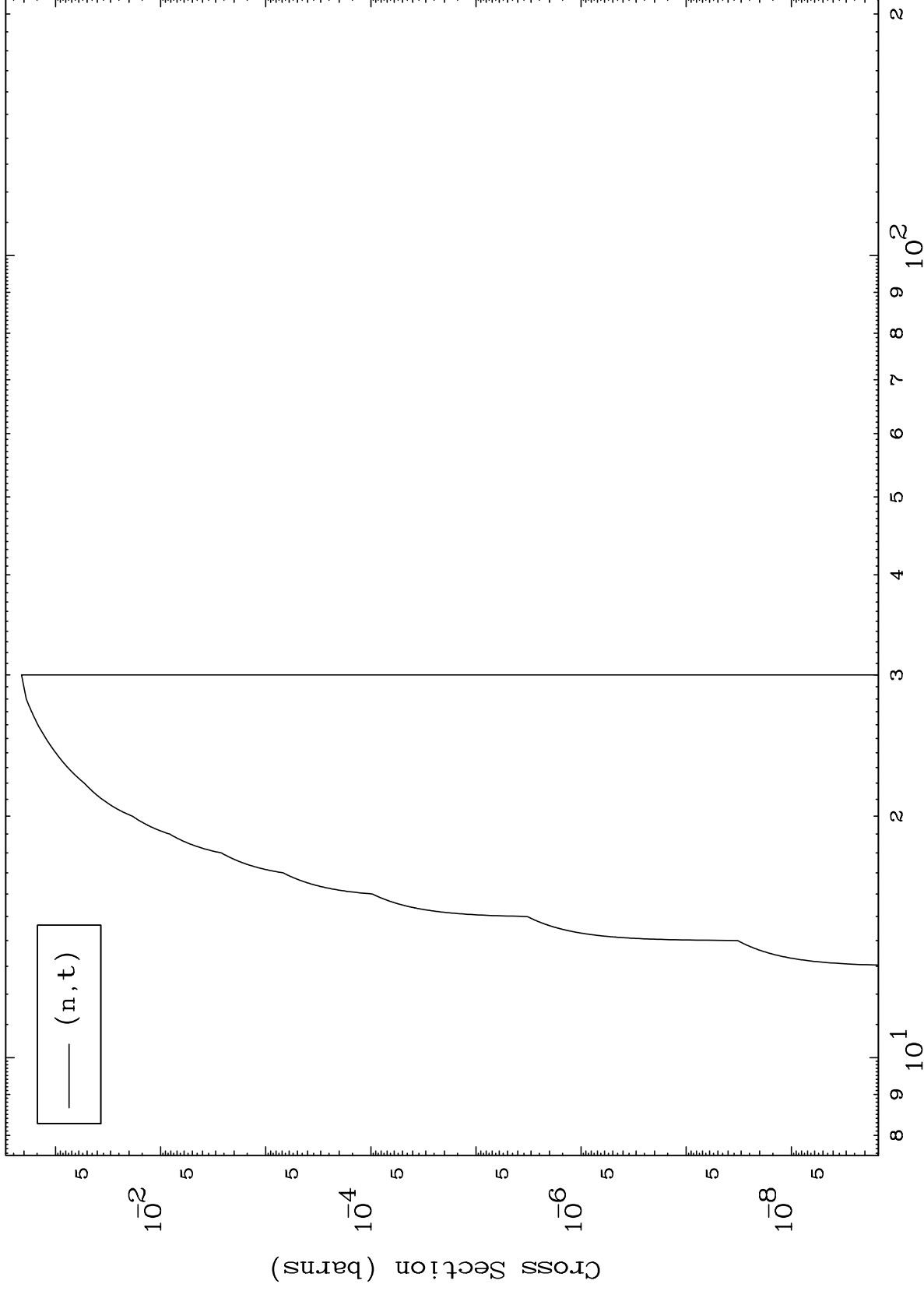
Incident Energy (MeV)

54-Xe-117

MAT 5404

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

54-Xe-117



10

Incident Energy (MeV)

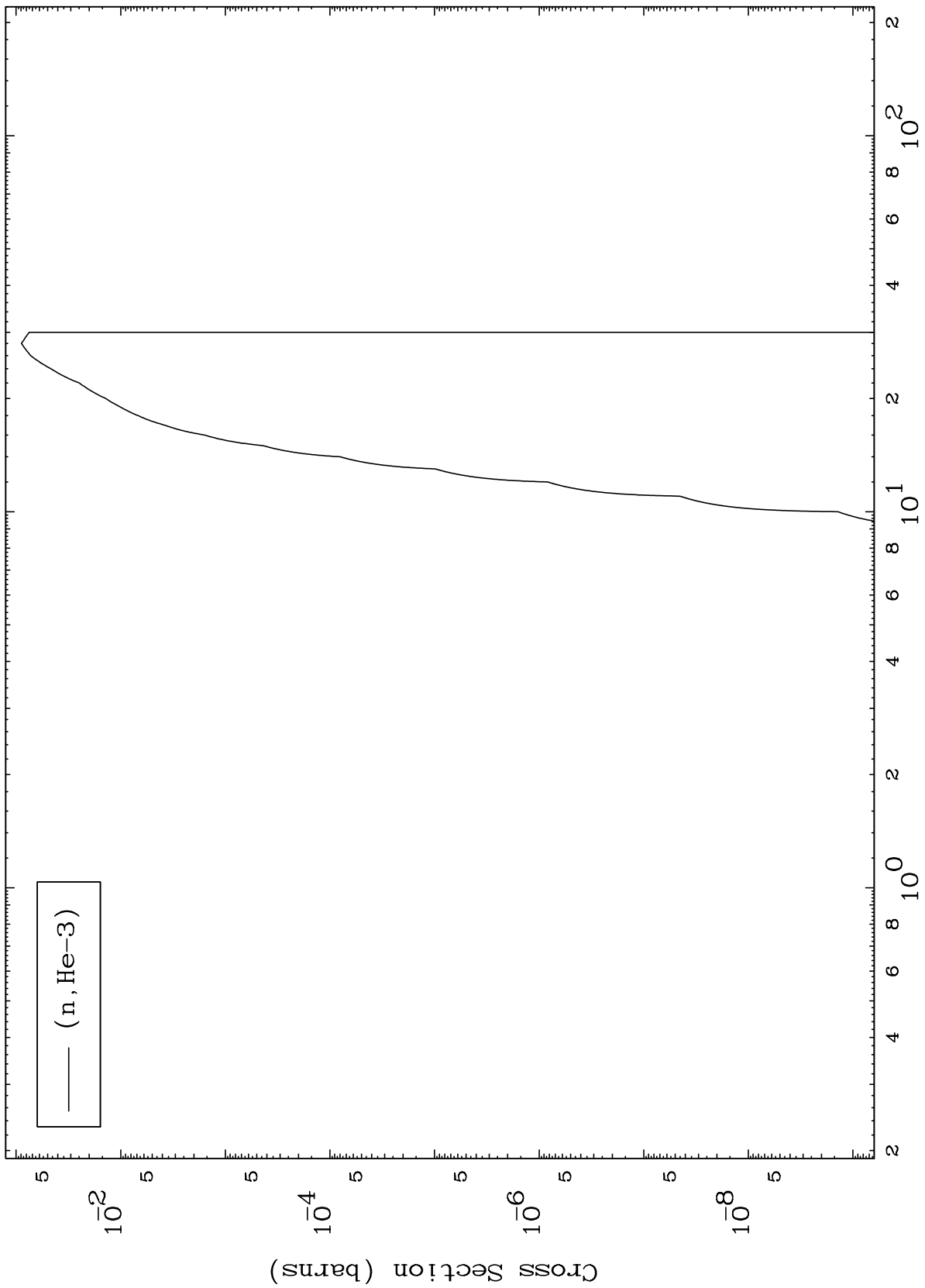
54-Xe-117

MAT 5404

(He-3, He3) Levels

54-Xe-117

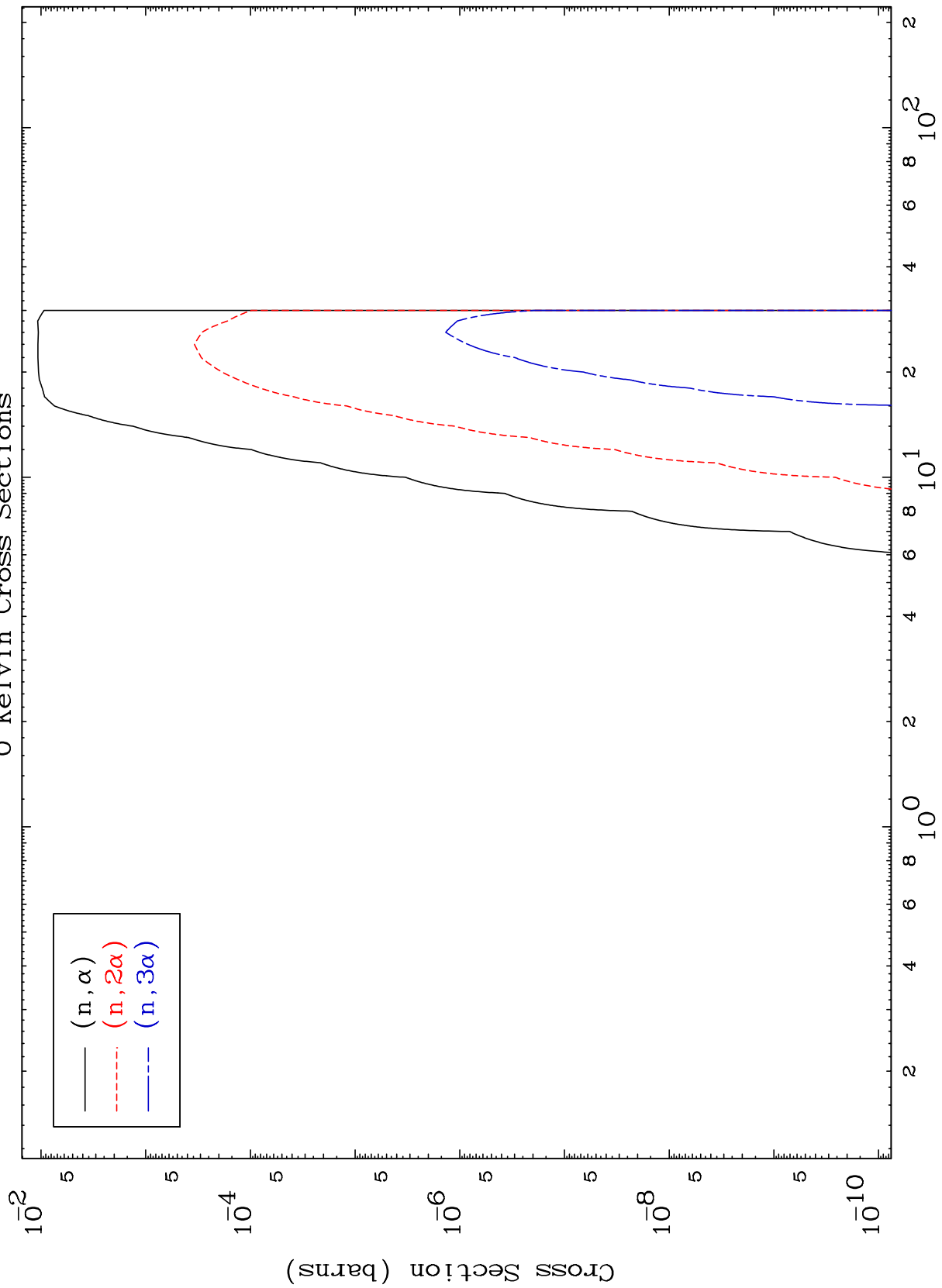
0 Kelvin Cross Sections



MAT 5404

54-Xe-117

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



(n,  $\alpha$ )  
(n,  $2\alpha$ )  
(n,  $3\alpha$ )

54-Xe-117

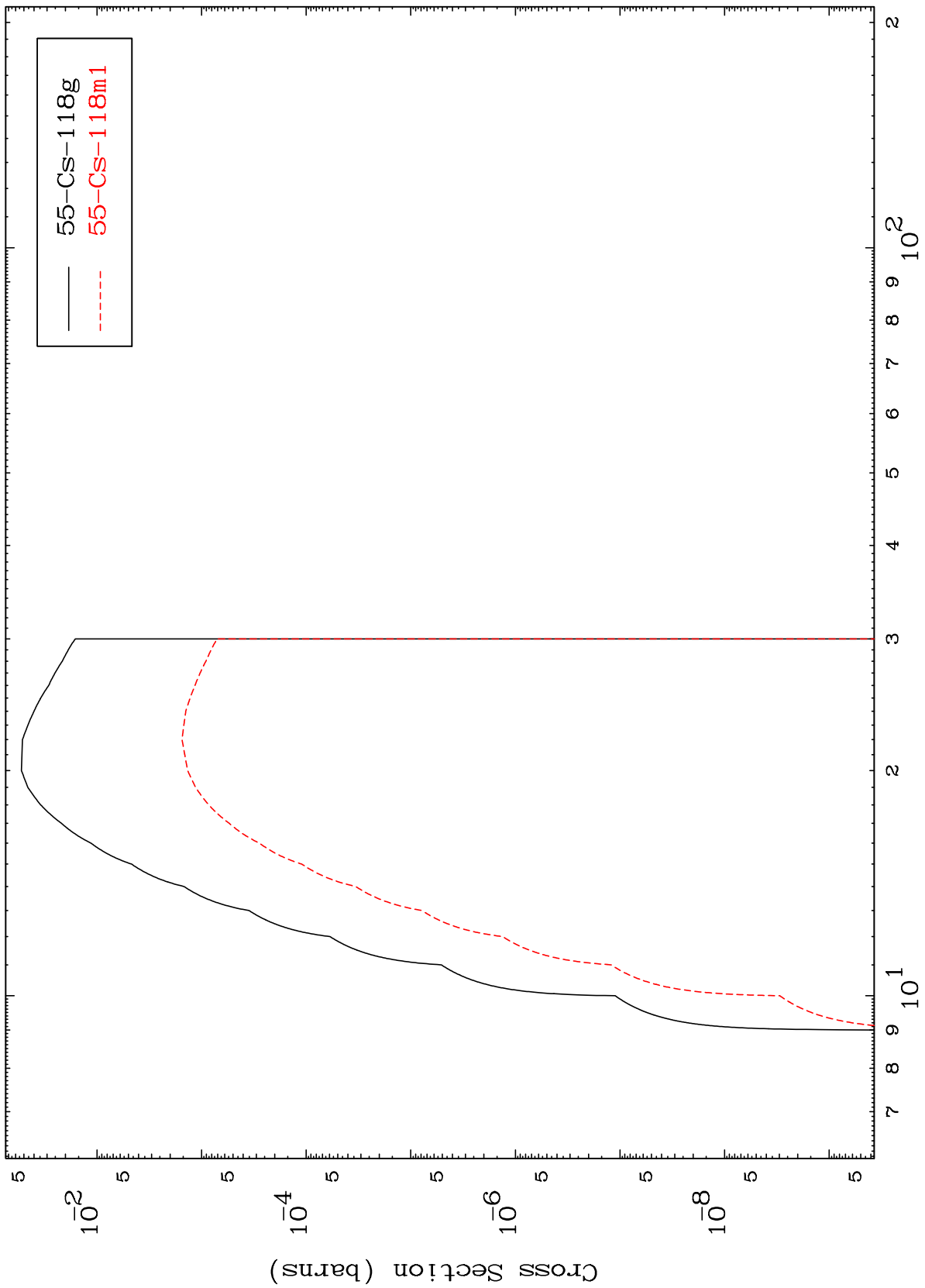
Incident Energy (MeV)

12

MAT 5404

54-Xe-117

(n,n') p  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

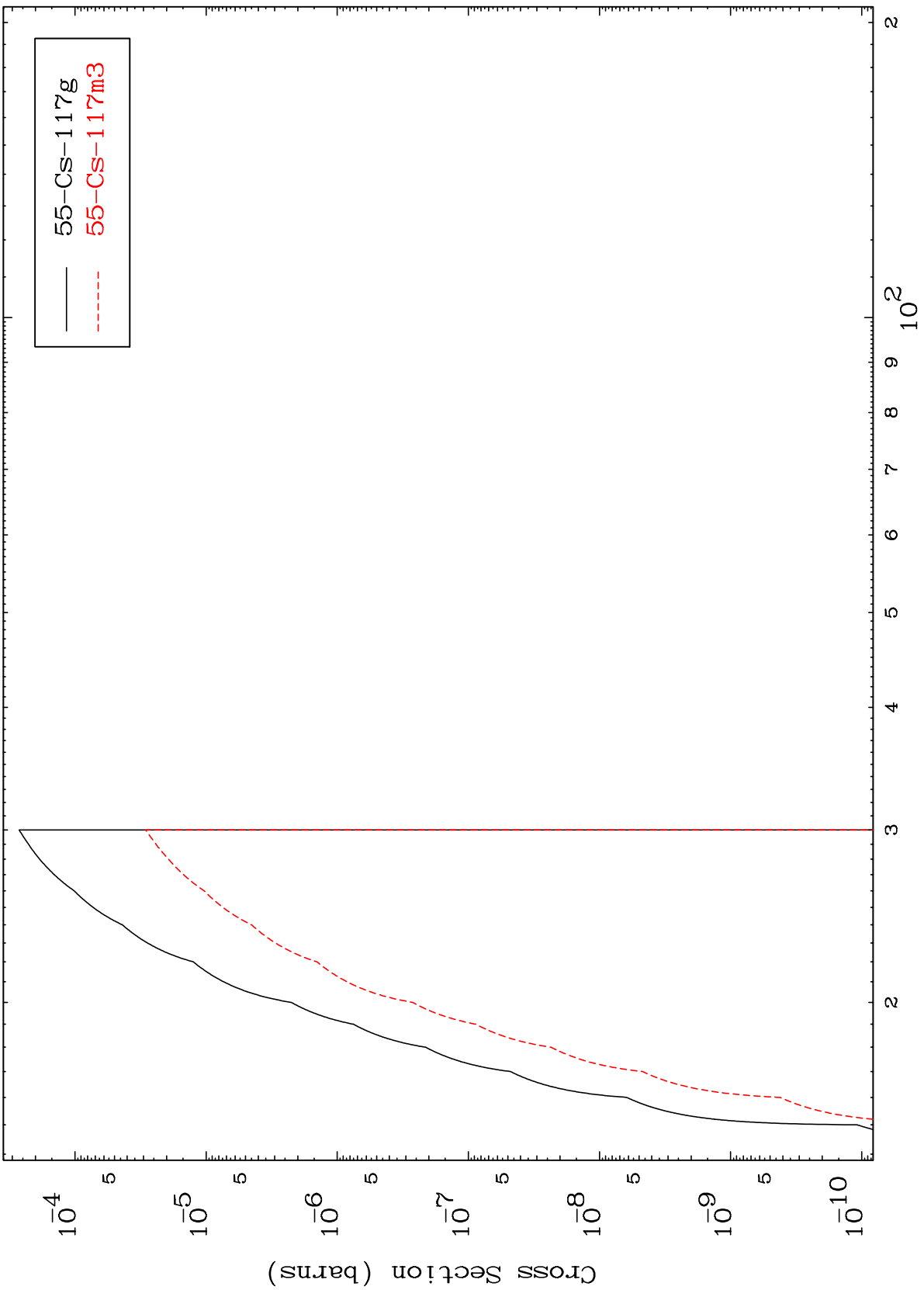
54-Xe-117

MAT 5404

(n,n') d

54-Xe-117

Radionuclide Production Cross Section



14

Incident Energy (MeV)

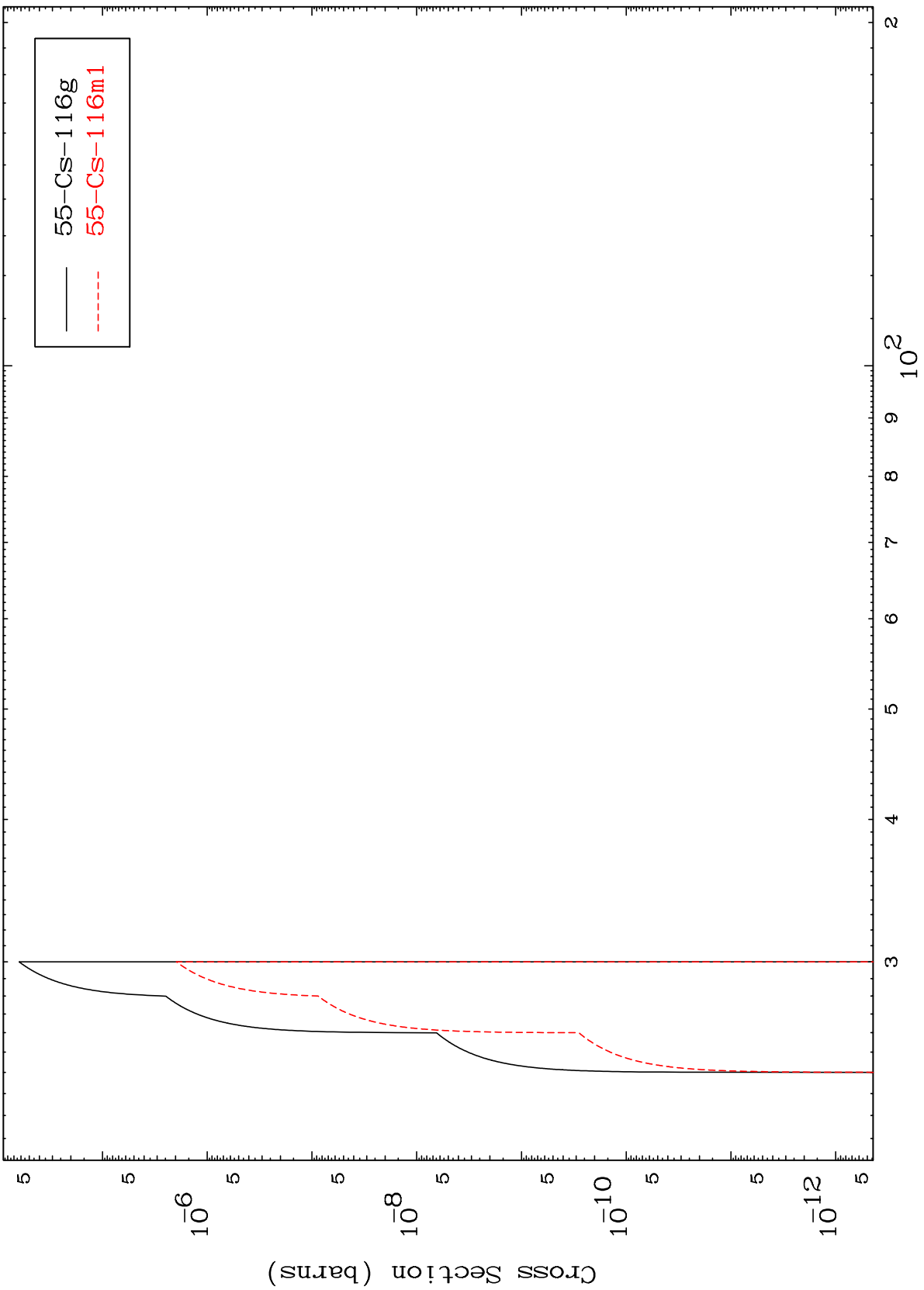
54-Xe-117

MAT 5404

(n,n') t

54-Xe-117

Radionuclide Production Cross Section



15

Incident Energy (MeV)

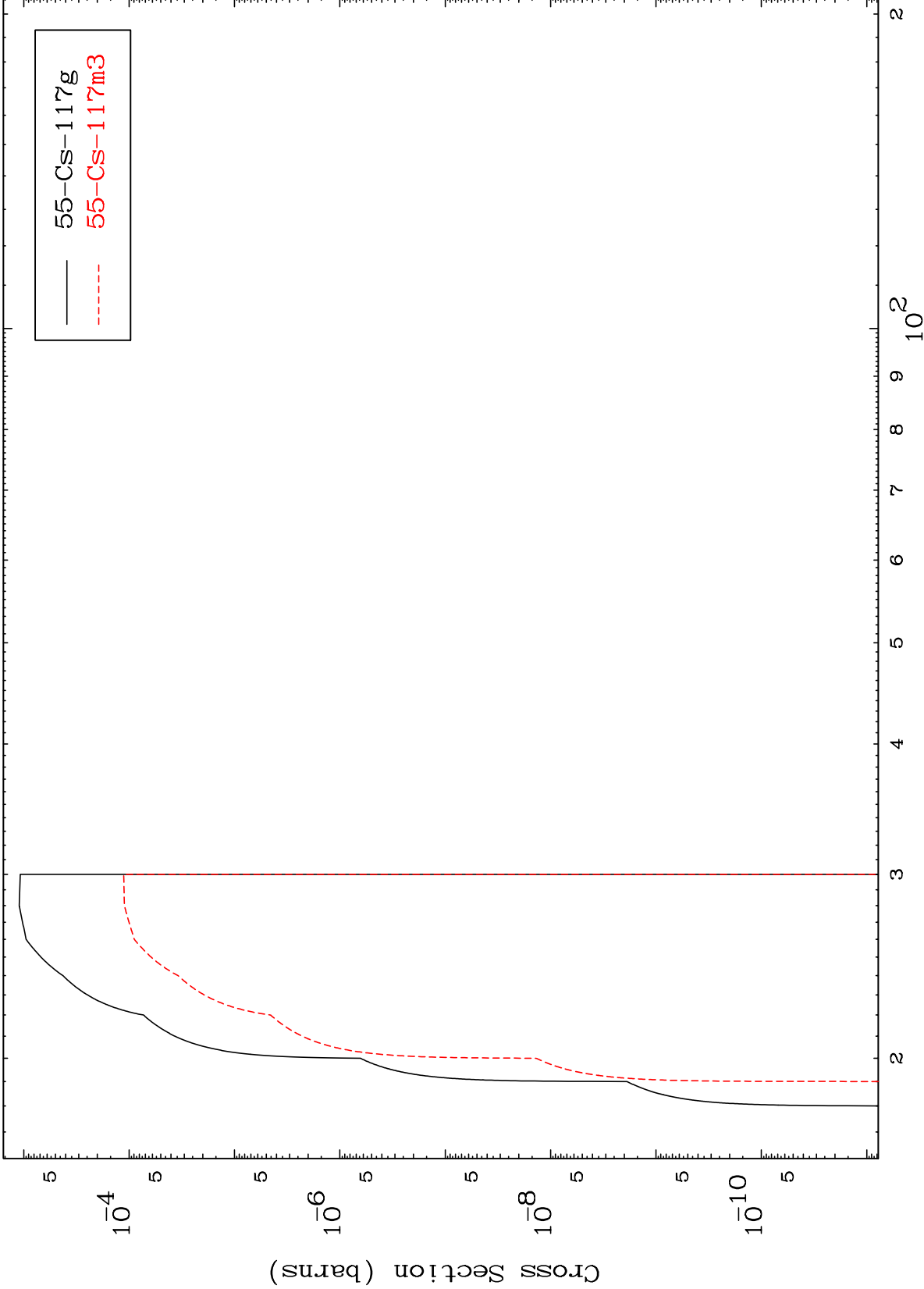
54-Xe-117

MAT 5404

(n,2n) p

54-Xe-117

Radionuclide Production Cross Section



16

Incident Energy (MeV)

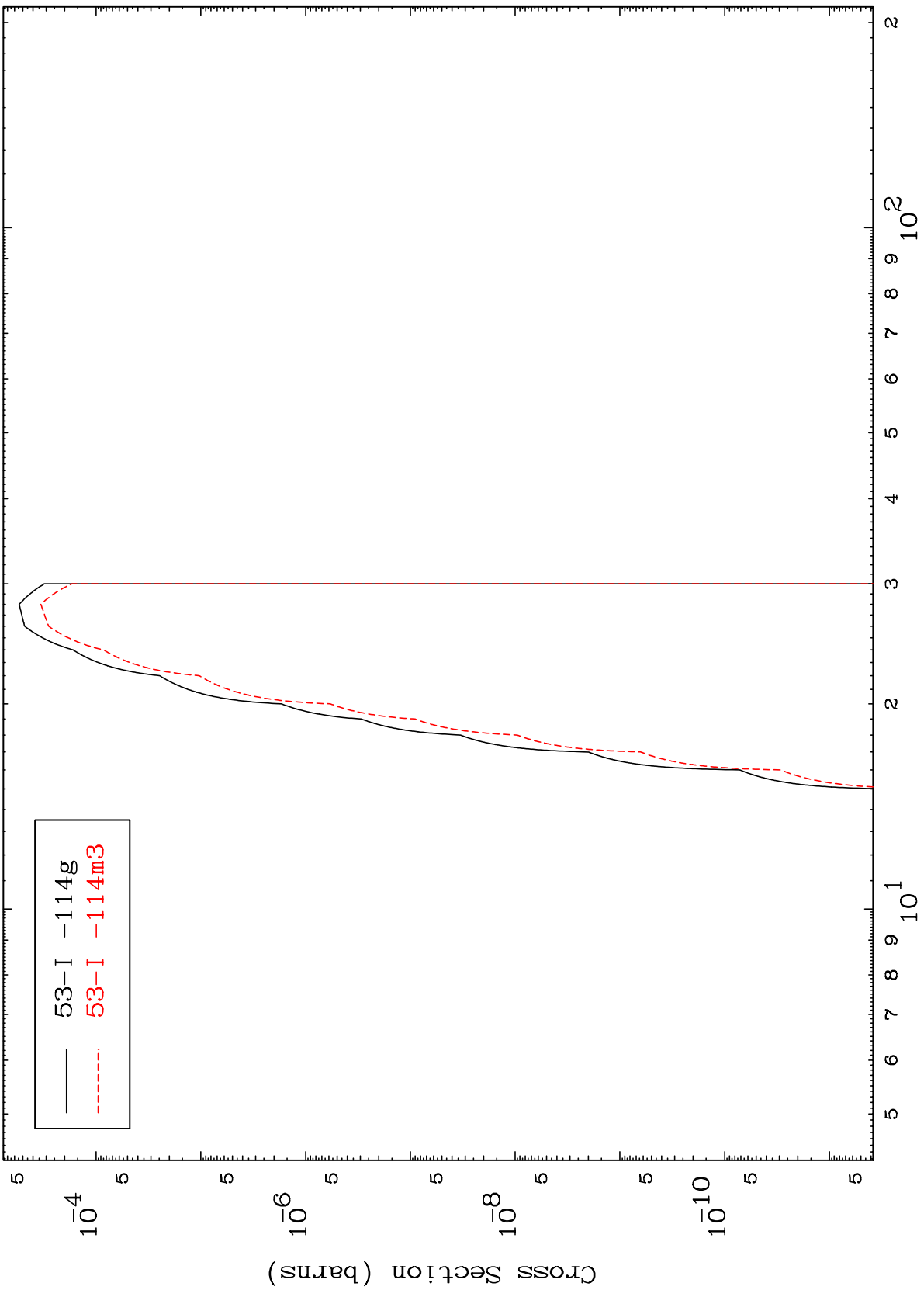
54-Xe-117

MAT 5404

(n,n') p  $\alpha$

54-Xe-117

Radionuclide Production Cross Section



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

17

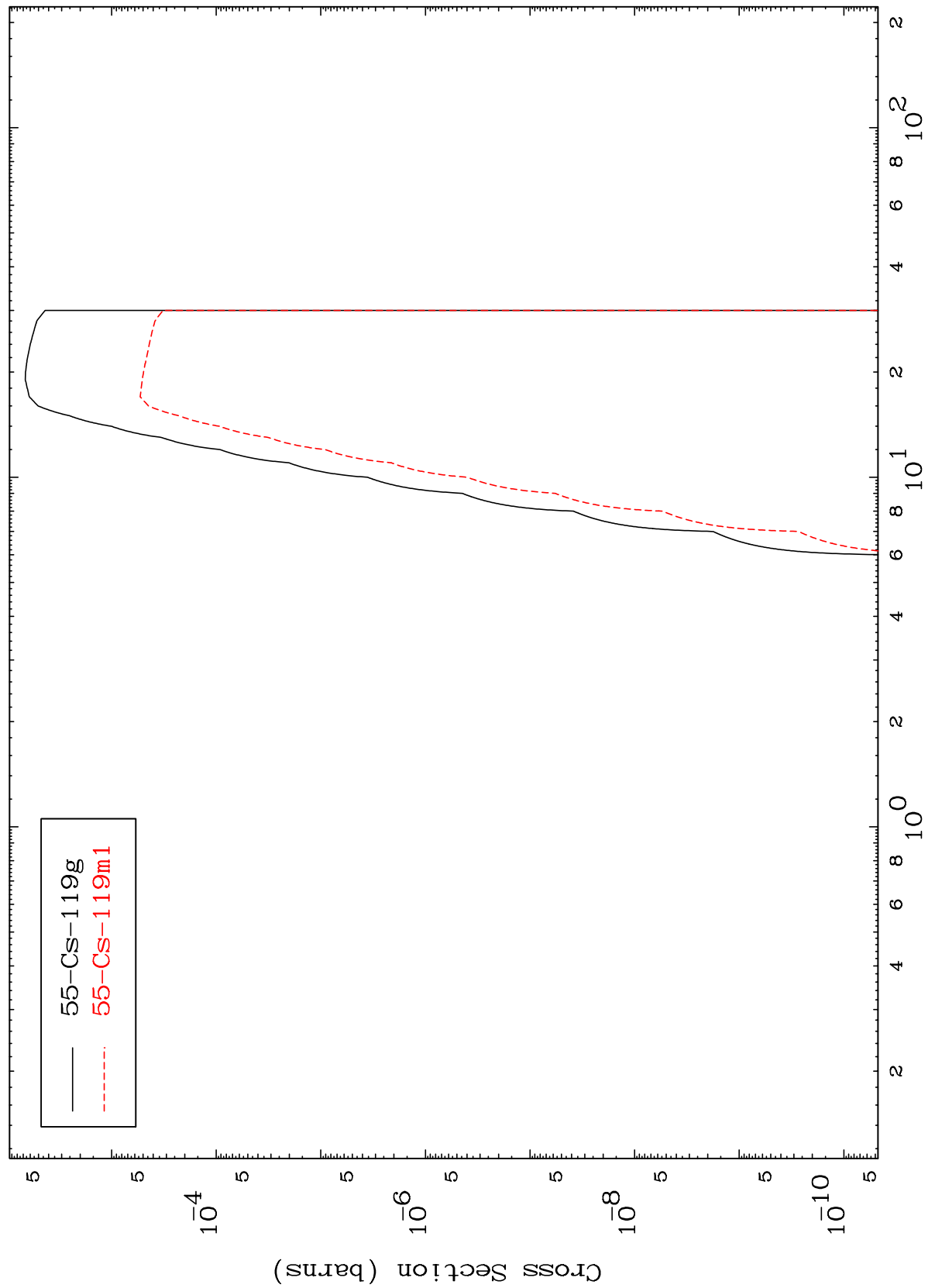
Incident Energy (MeV)

54-Xe-117

MAT 5404

54-Xe-117

(n,p)  
Radionuclide Production Cross Section



55-Cs-119g  
55-Cs-119m1

54-Xe-117

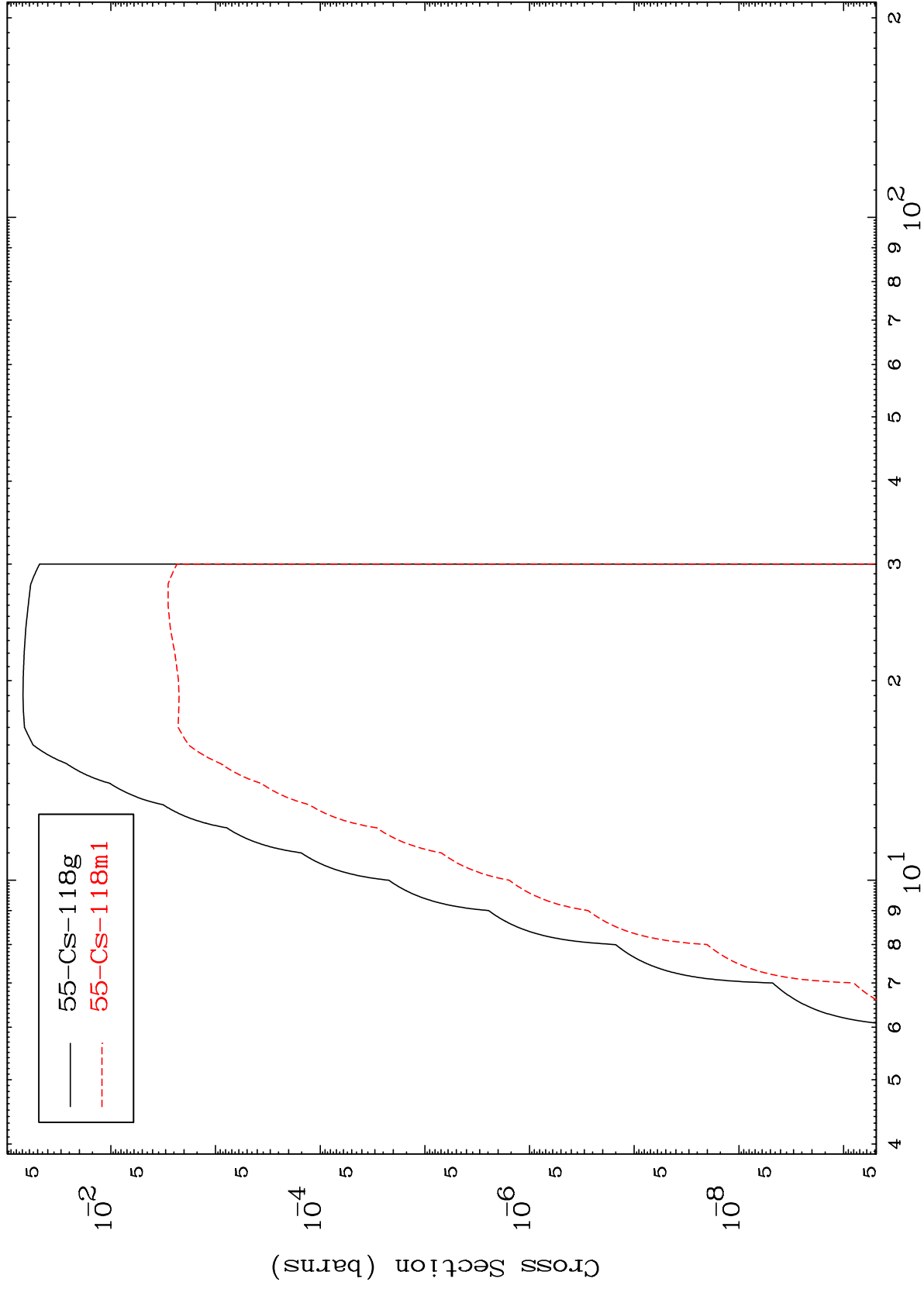
Incident Energy (MeV)

18

MAT 5404

54-Xe-117

(n,d)  
Radionuclide Production Cross Section



54-Xe-117

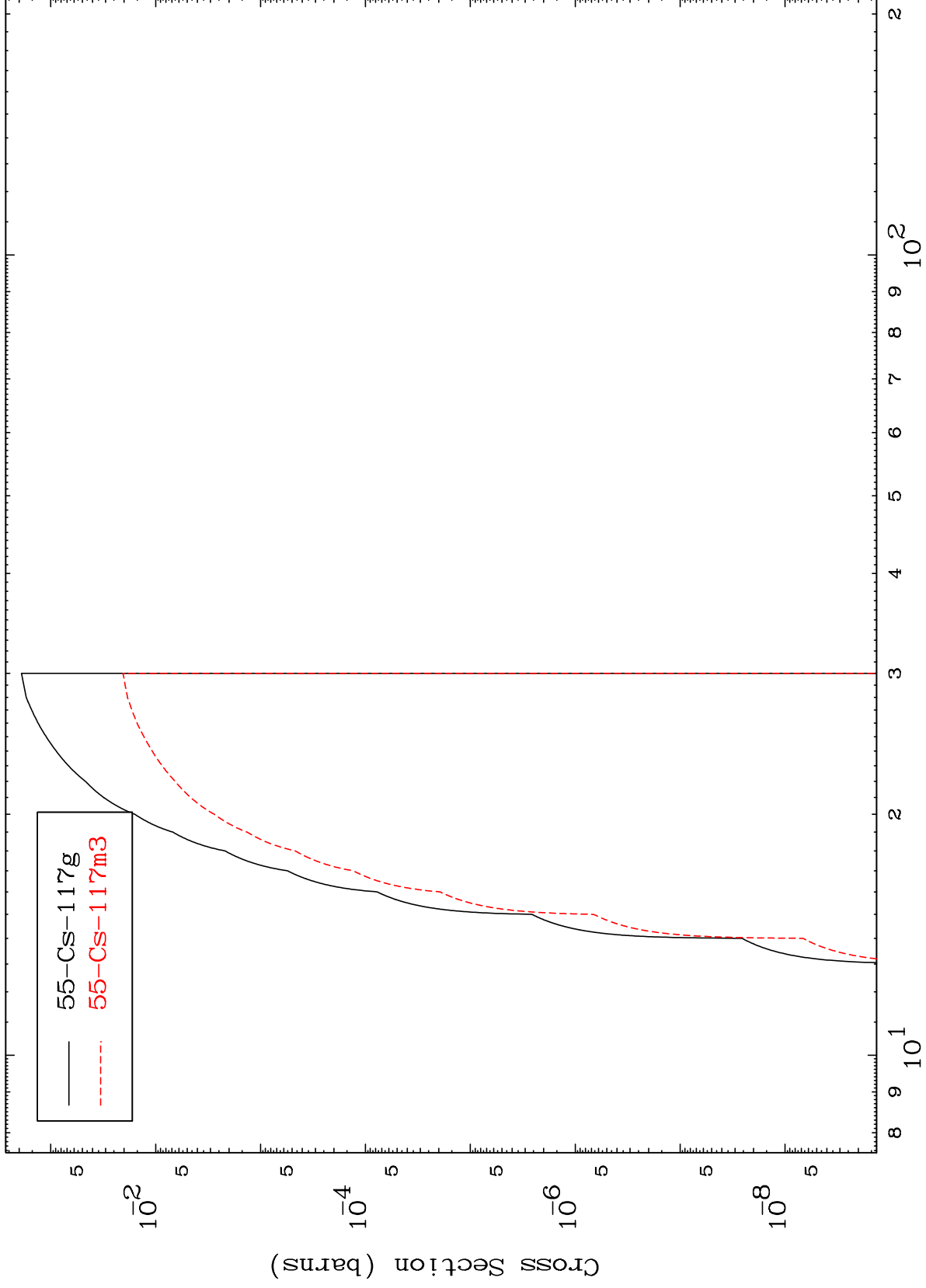
Incident Energy (MeV)

19

MAT 5404

54-Xe-117

(n, t)  
Radionuclide Production Cross Section



54-Xe-117

Incident Energy (MeV)

20

MAT 5404

(n,d)  $\alpha$

54-Xe-117

Radionuclide Production Cross Section

