

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

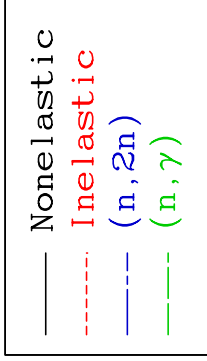
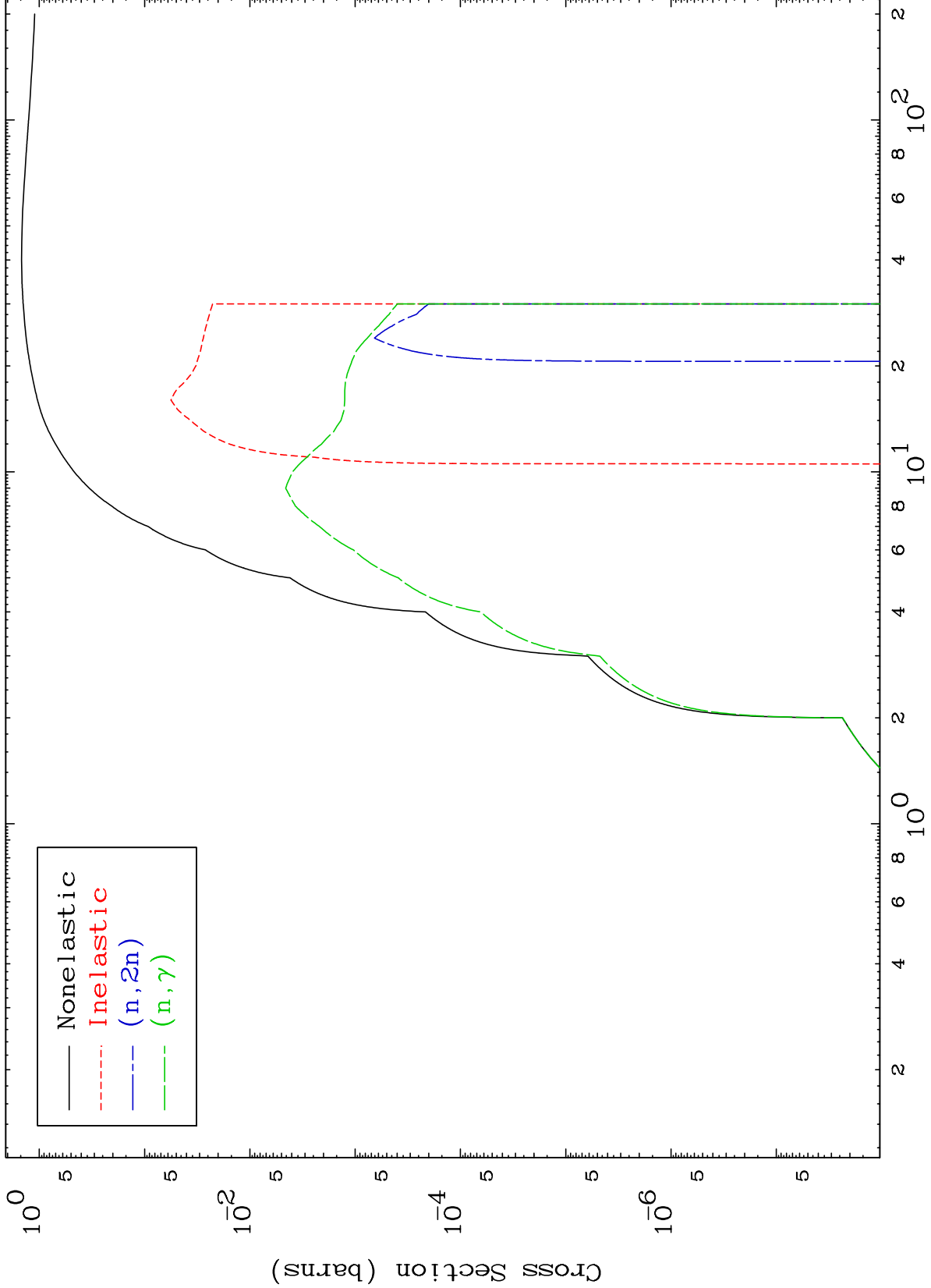
Press Mouse Button to Start

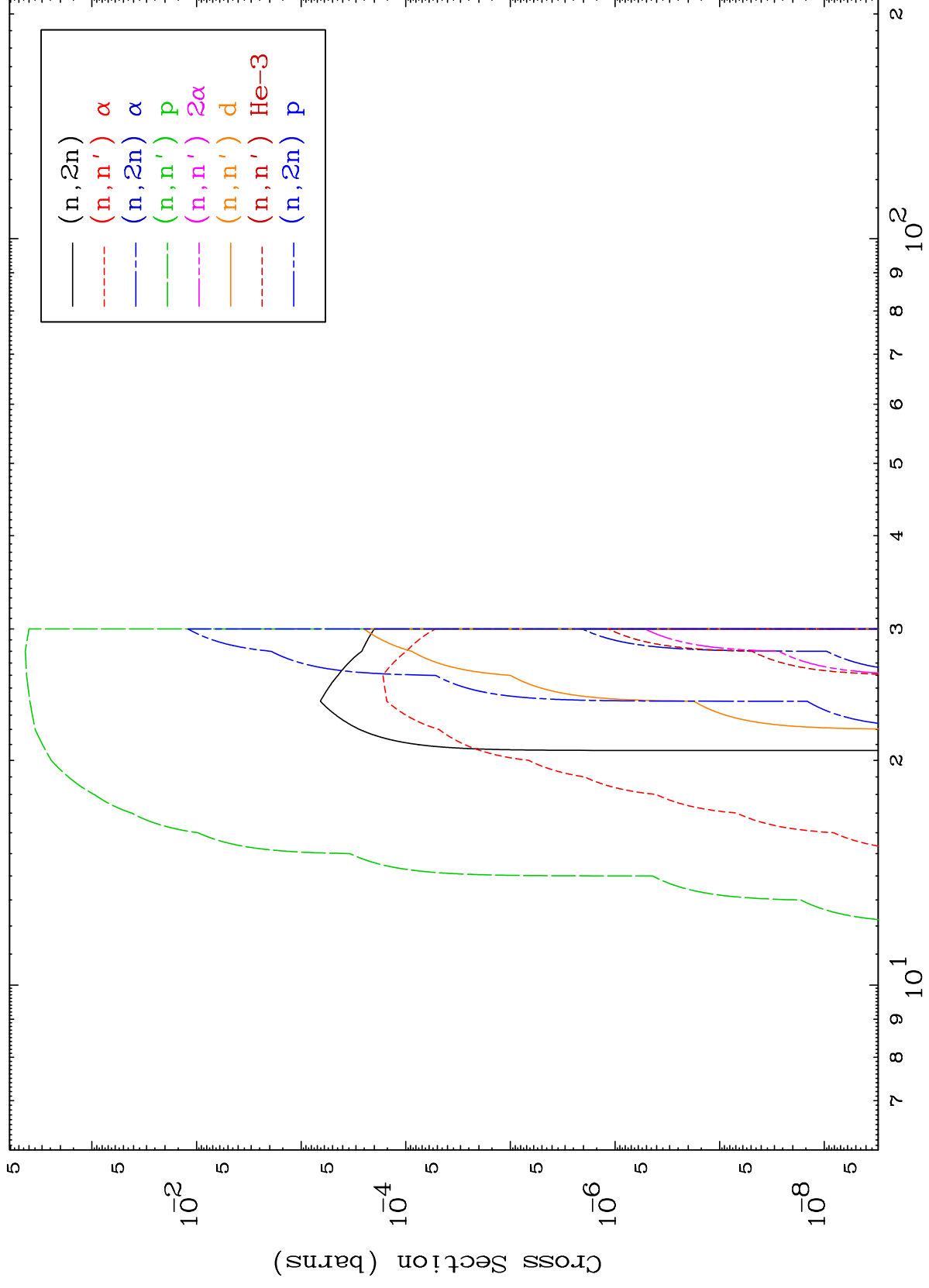
MAT 5407

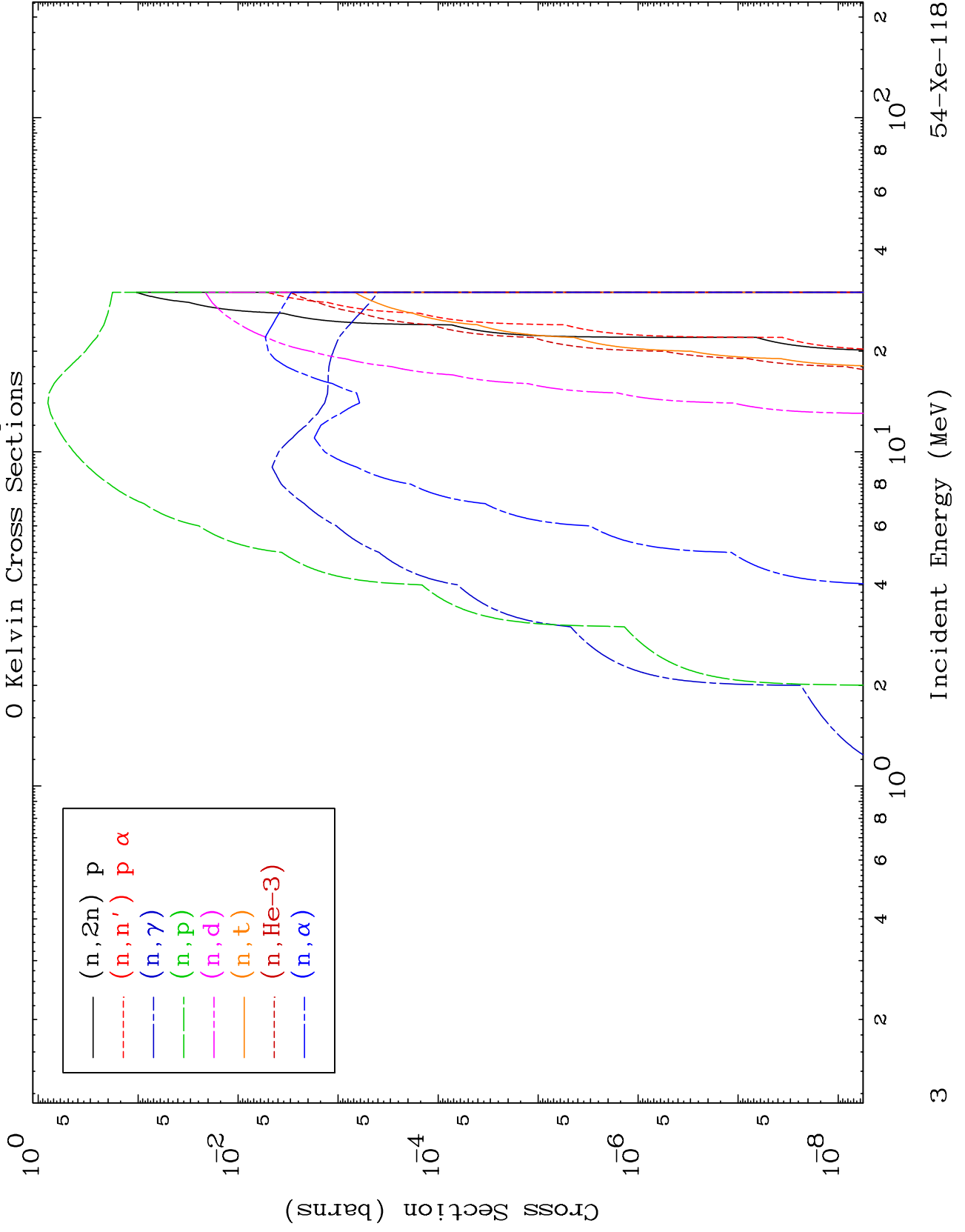
Proton Major

54-Xe-118

0 Kelvin Cross Sections



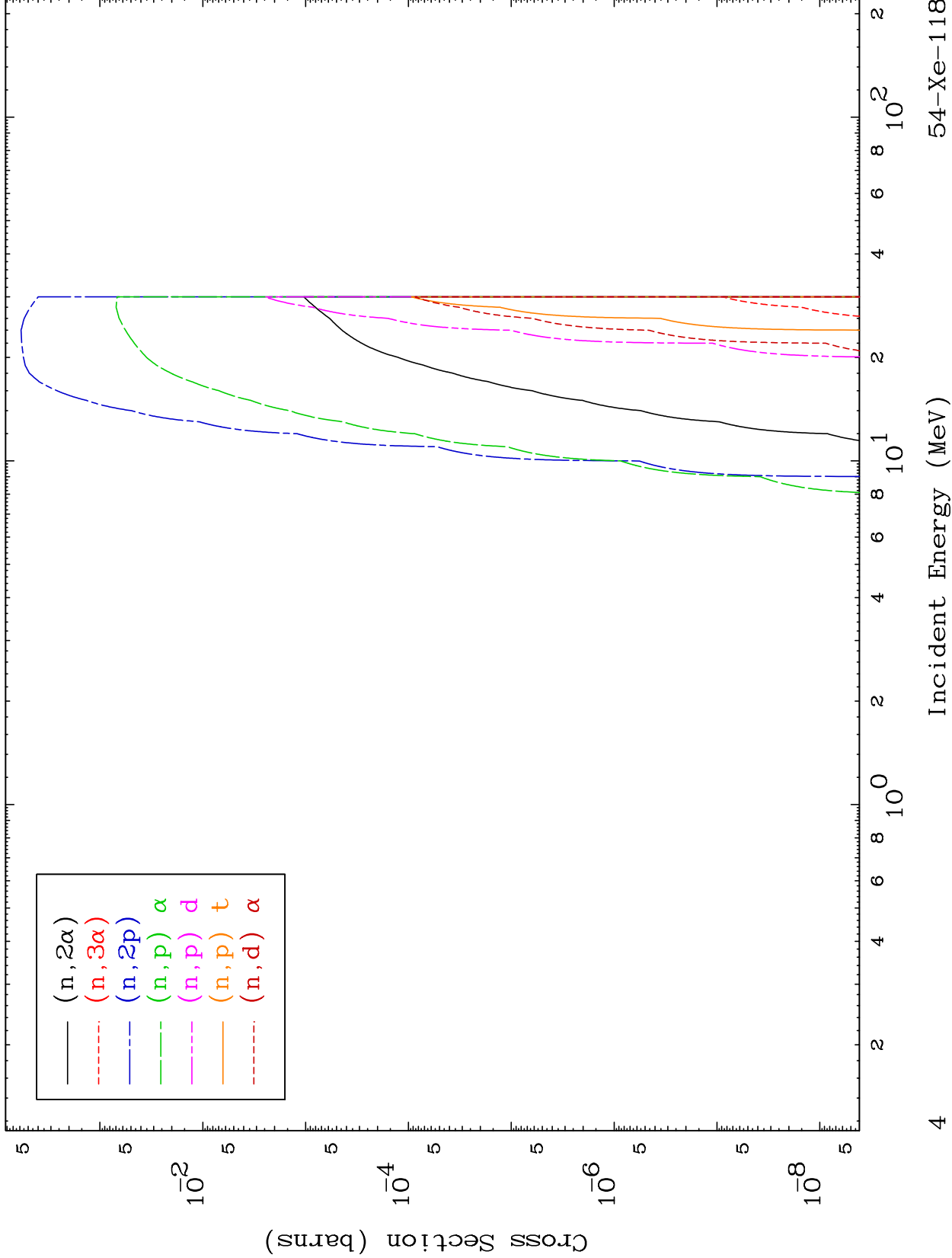




MAT 5407

Proton Neutron Absorption  
0 Kelvin Cross Sections

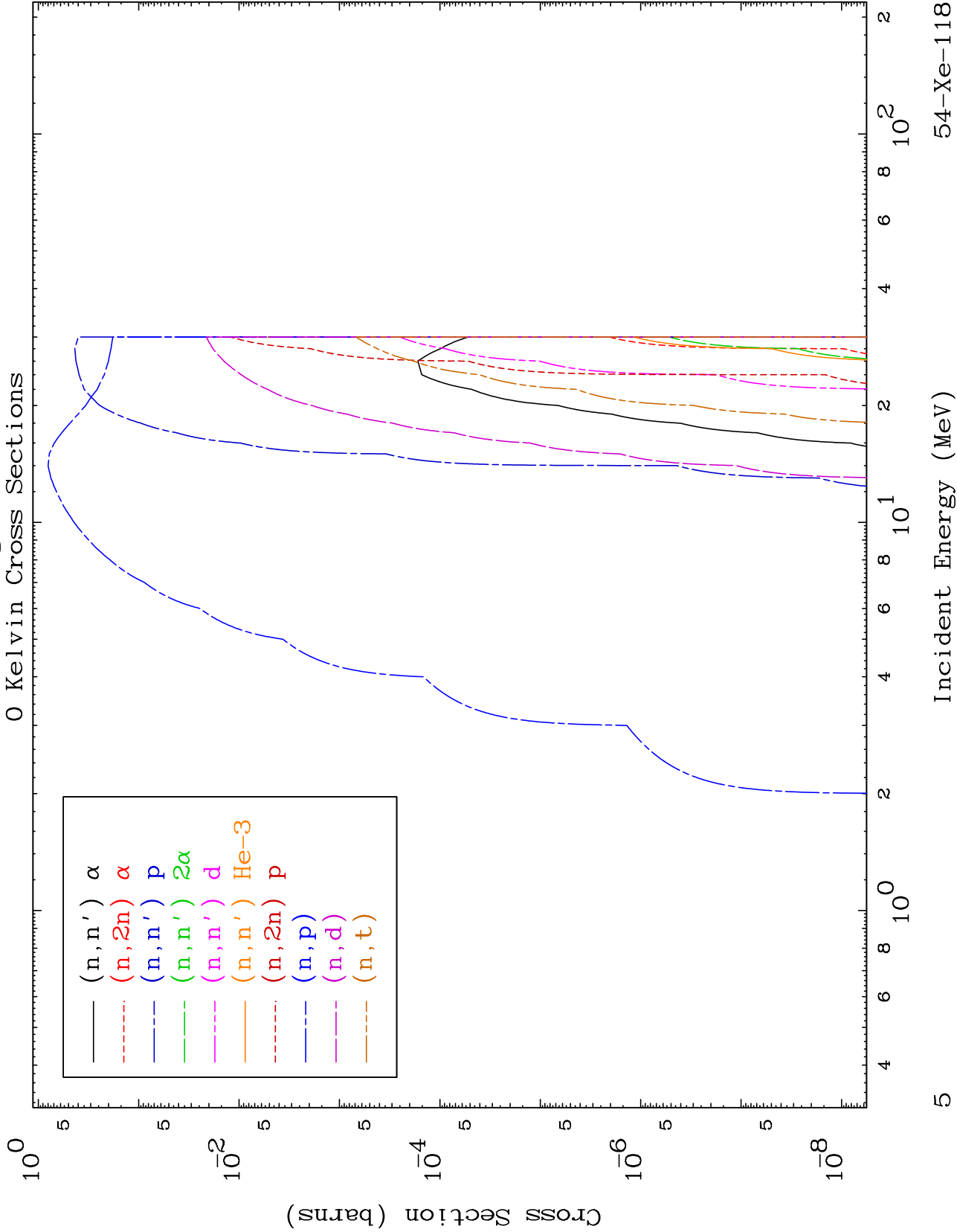
54-Xe-118



MAT 5407

Proton Charged Particle  
0 Kelvin Cross Sections

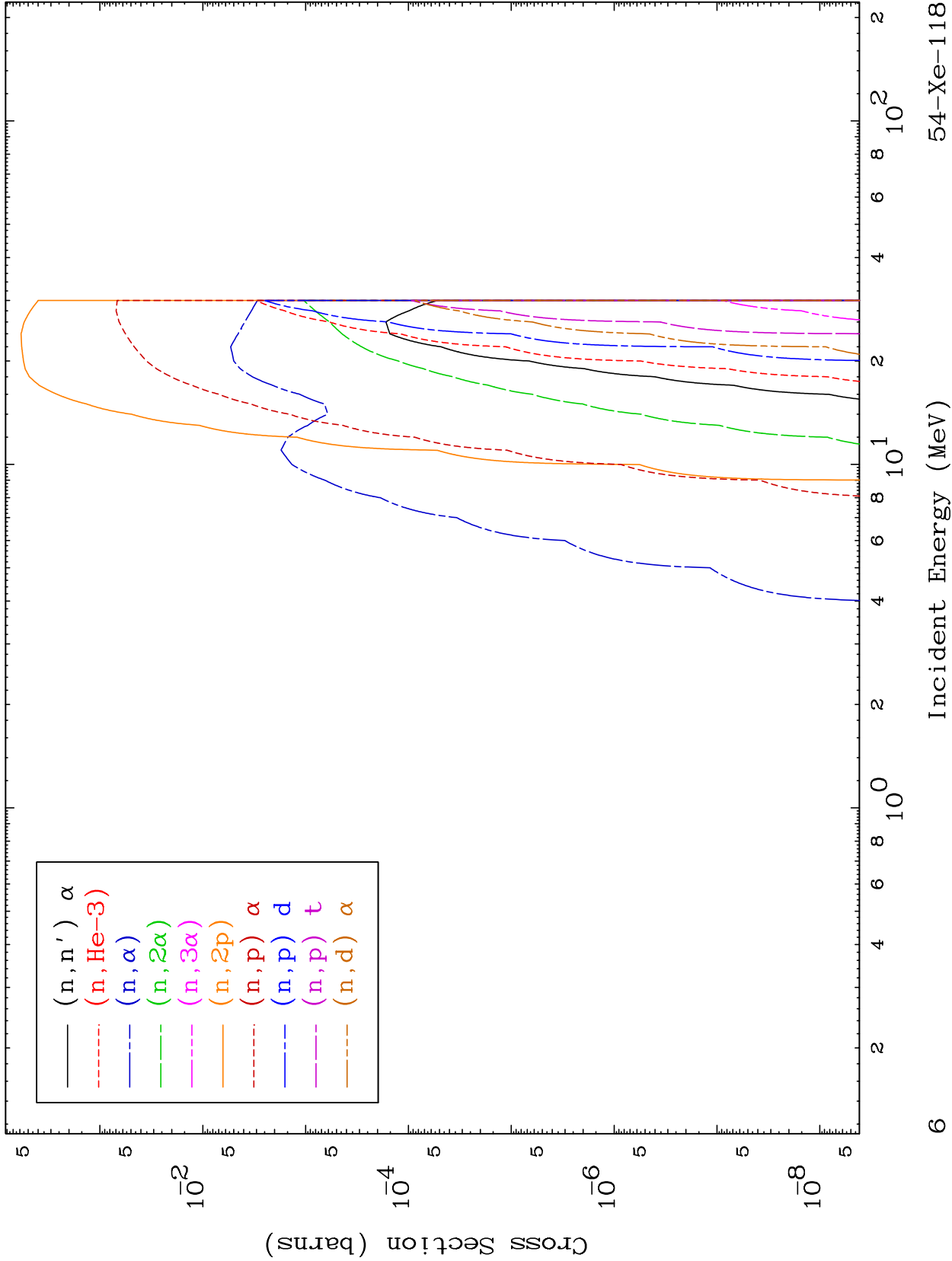
54-Xe-118



5

Incident Energy (MeV)

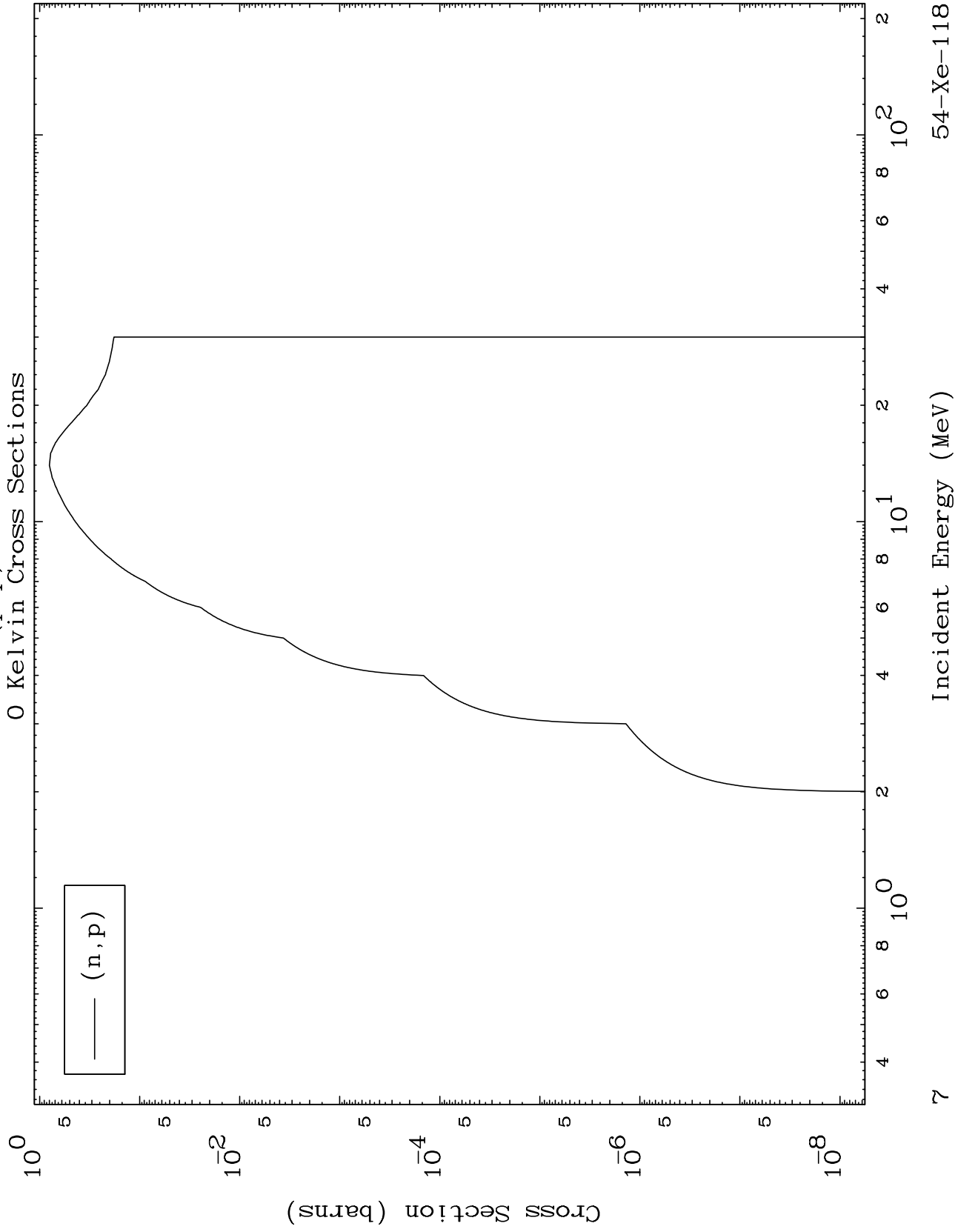
54-Xe-118



MAT 5407

(p,p) Levels

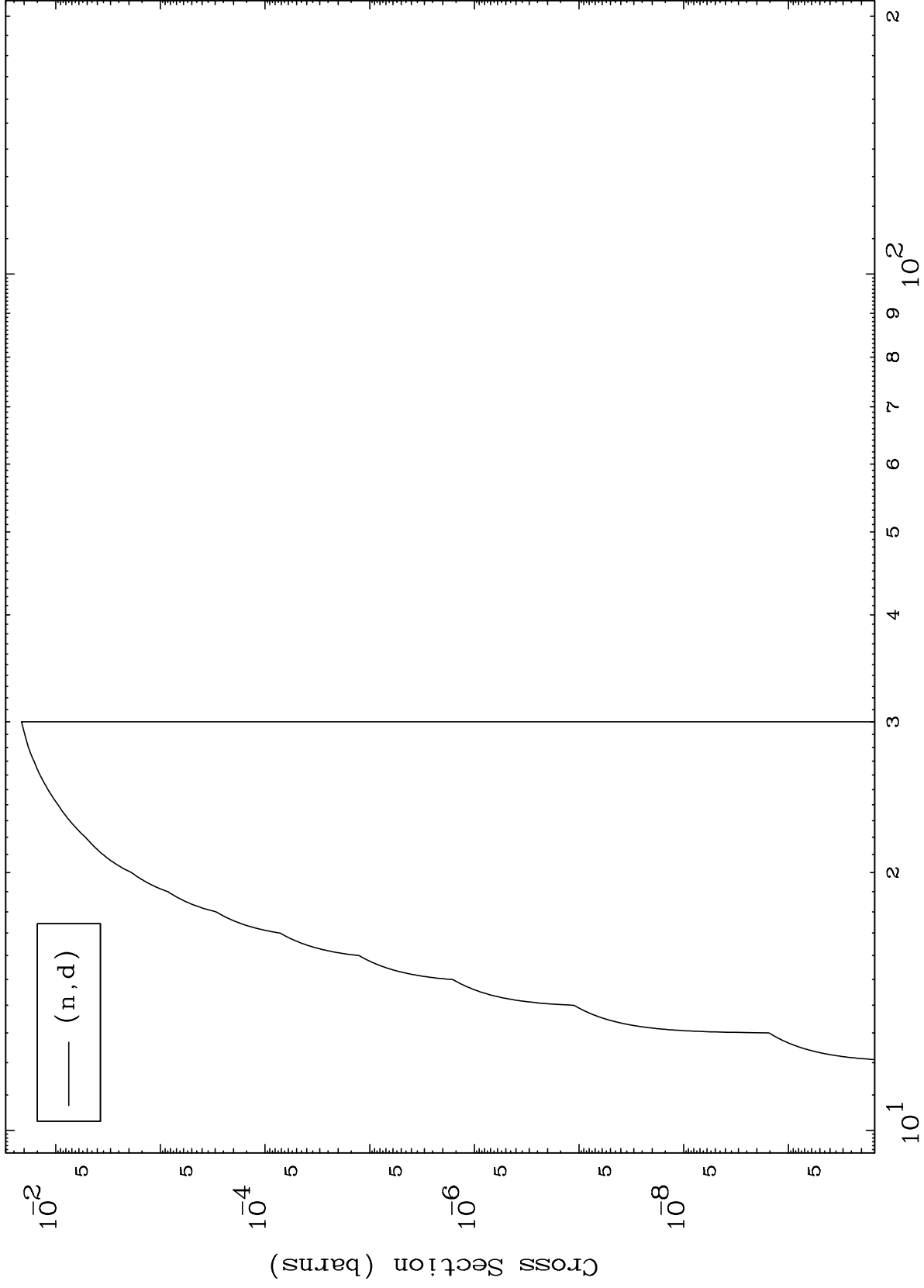
54-Xe-118



MAT 5407

(p,d) Levels  
0 Kelvin Cross Sections

54-Xe-118



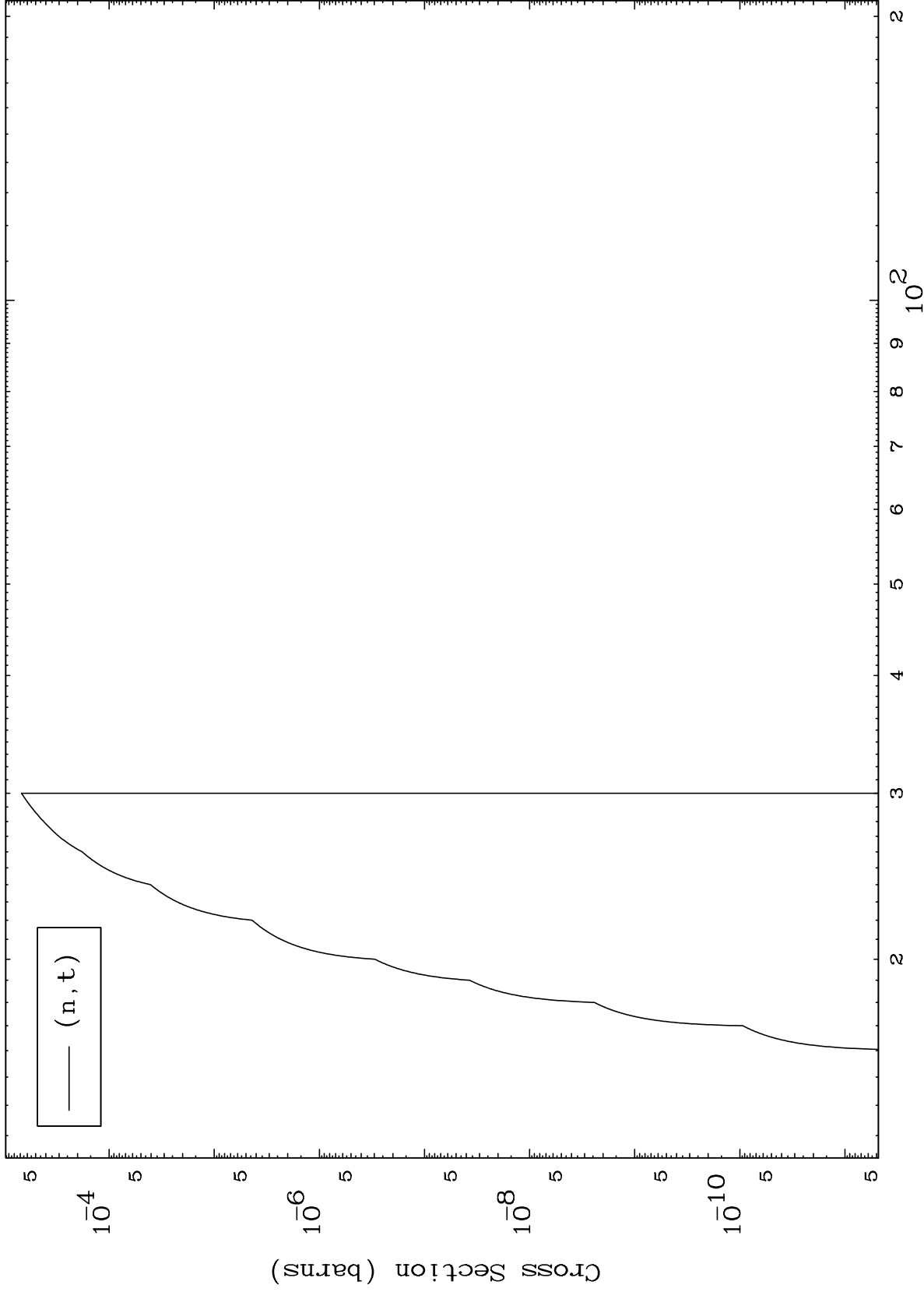
Incident Energy (MeV)

54-Xe-118

MAT 5407

(p,t) Levels  
0 Kelvin Cross Sections

54-Xe-118



9

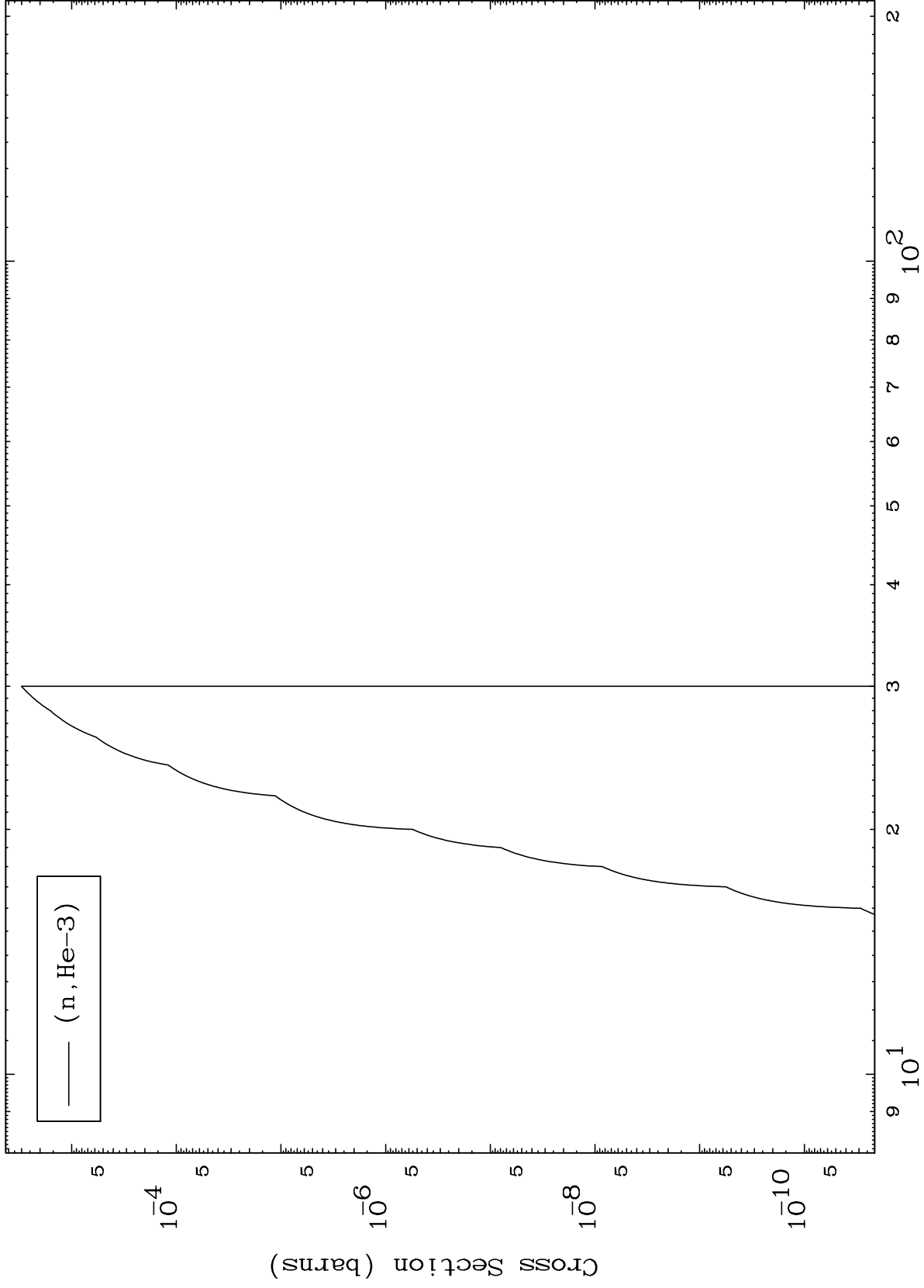
Incident Energy (MeV)

54-Xe-118

MAT 5407

(p,He3) Levels  
0 Kelvin Cross Sections

54-Xe-118



10

Incident Energy (MeV)

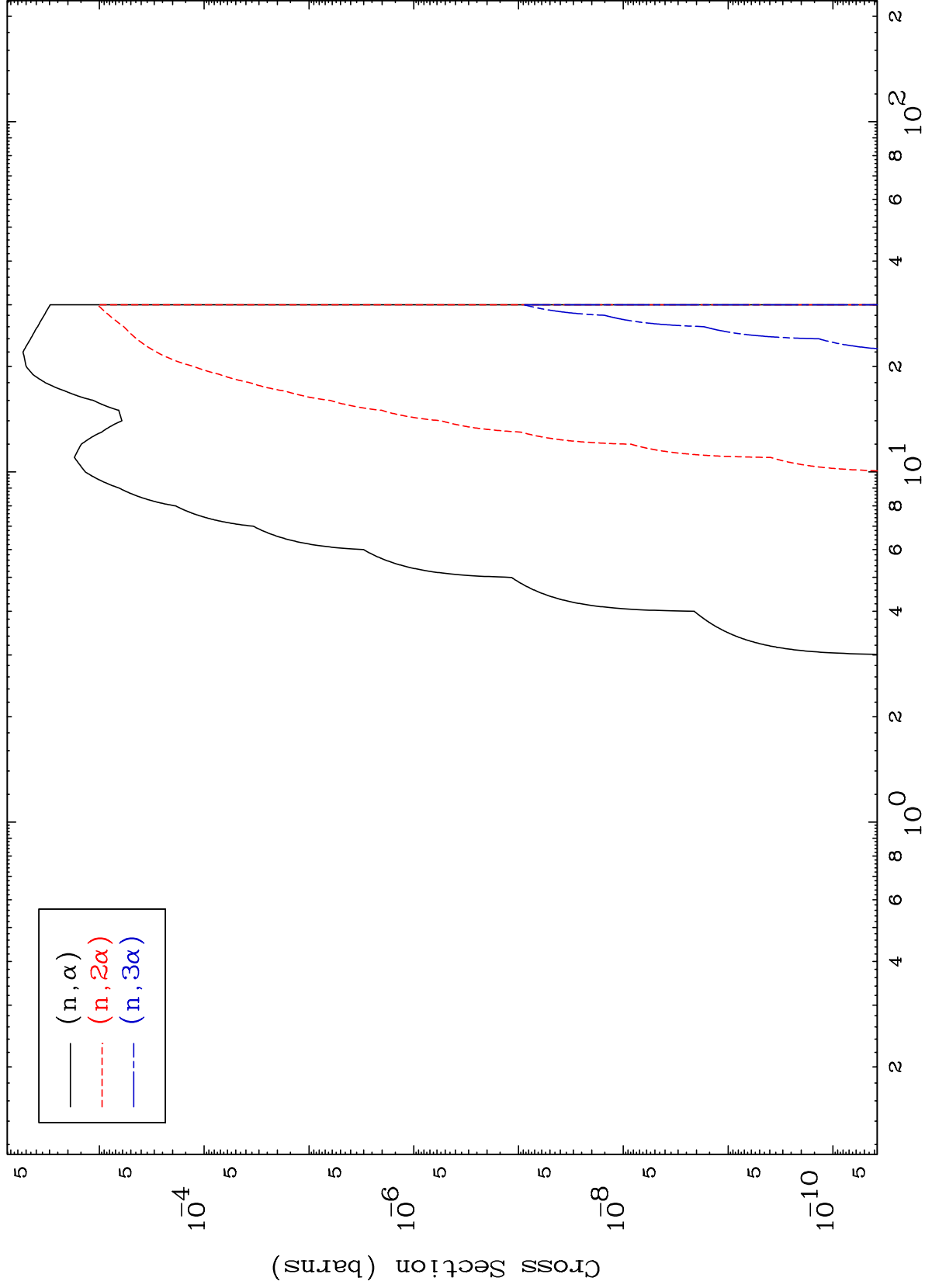
54-Xe-118

MAT 5407

(p,  $\alpha$ ) Levels

54-Xe-118

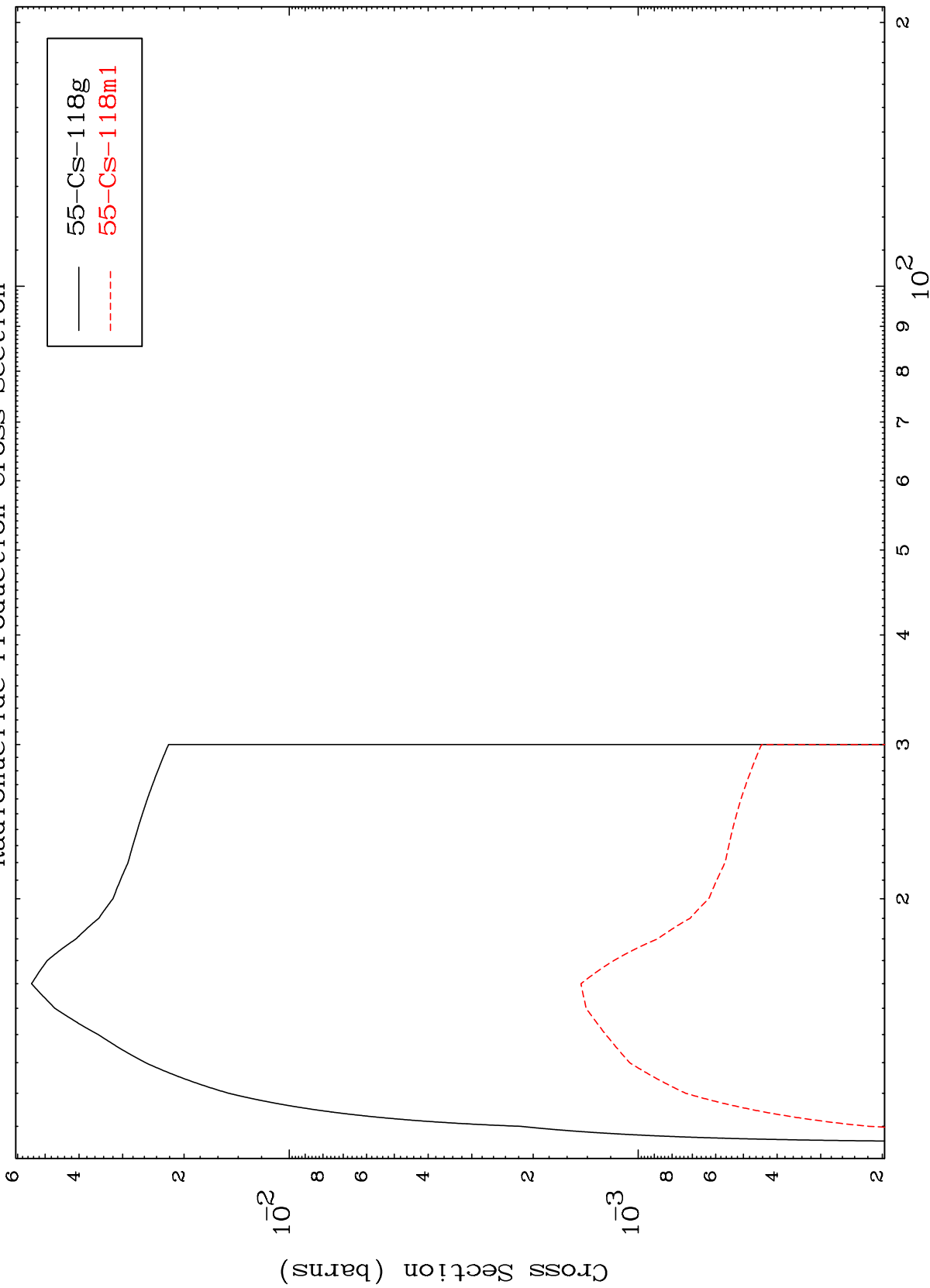
0 Kelvin Cross Sections



MAT 5407

54-Xe-118

Inelastic  
Radionuclide Production Cross Section



12

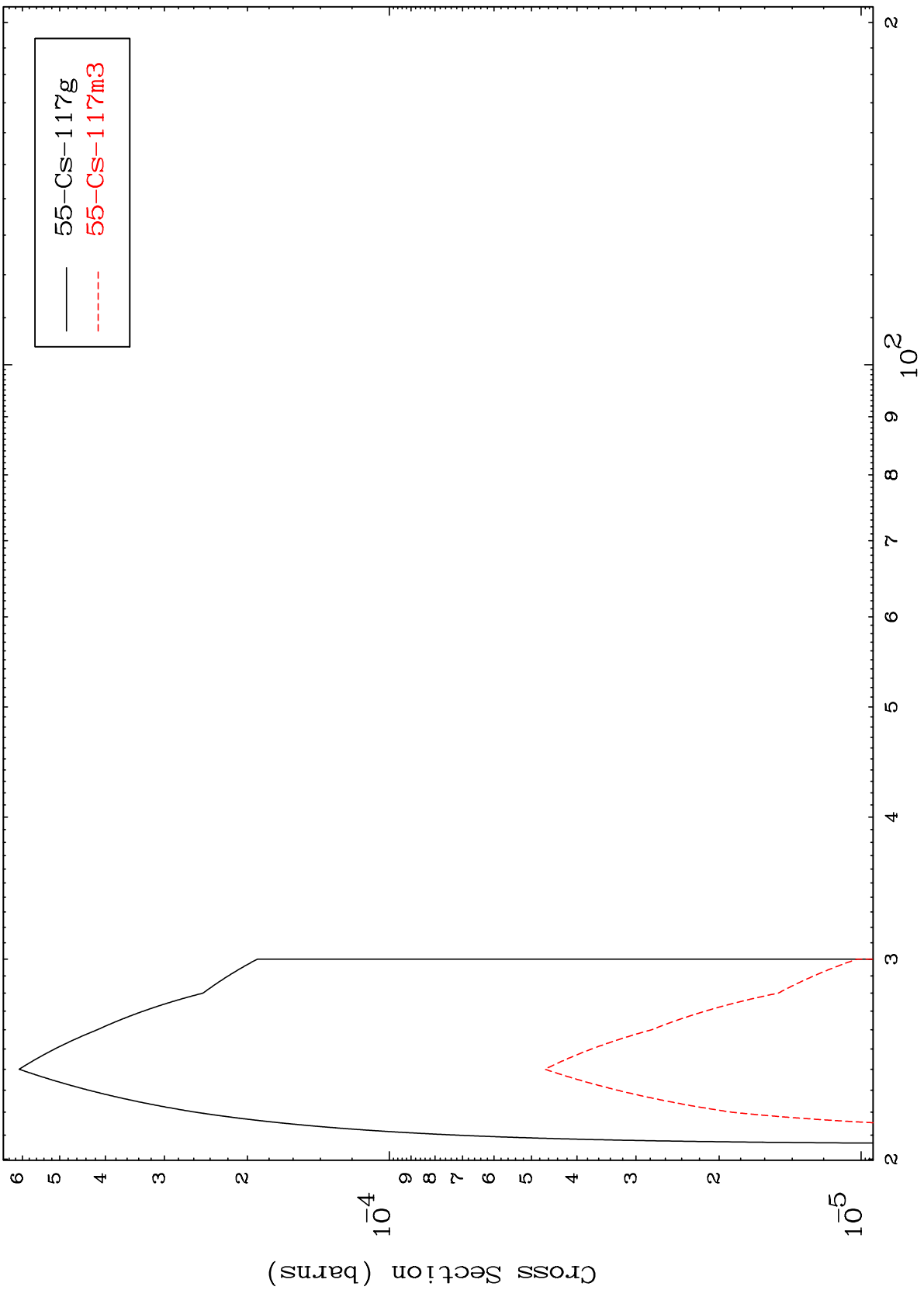
Incident Energy (MeV)

54-Xe-118

MAT 5407

54-Xe-118

(n,2n)  
Radionuclide Production Cross Section



55-Cs-117g  
55-Cs-117m3

13

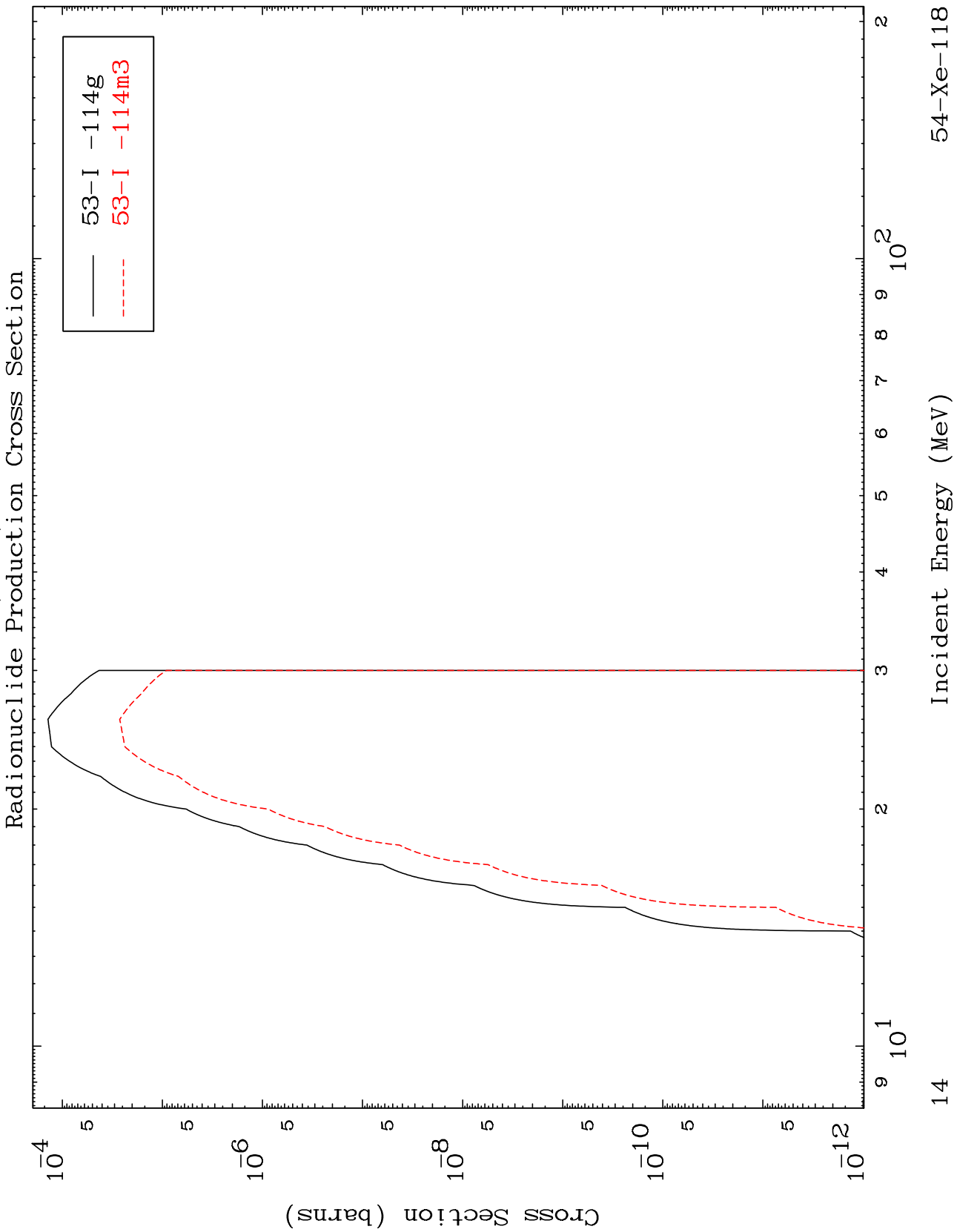
Incident Energy (MeV)

54-Xe-118

MAT 5407

$(n, n') \alpha$

54-Xe-118

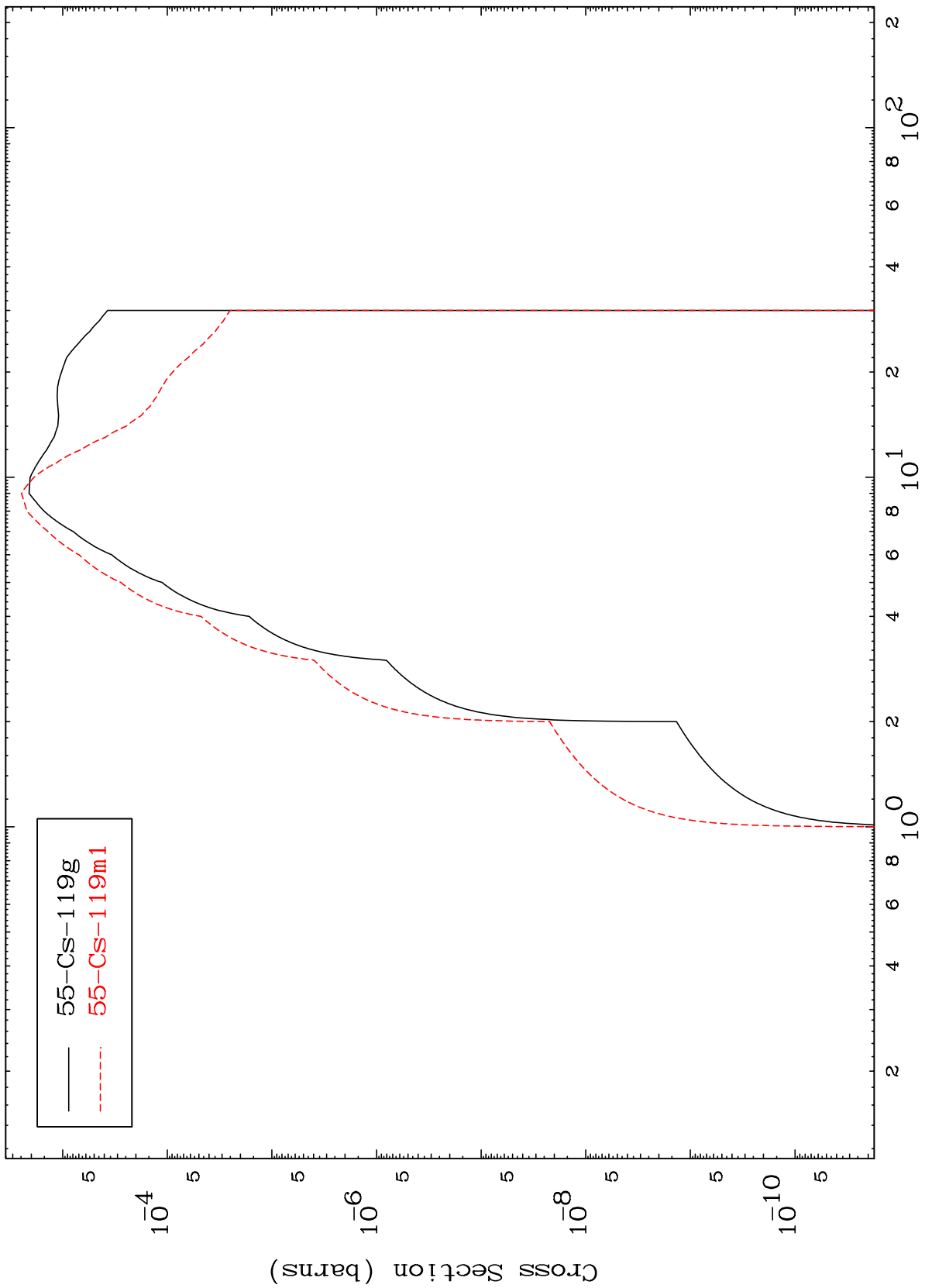


14

MAT 5407

54-Xe-118

(n,γ)  
Radionuclide Production Cross Section



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

54-Xe-118

Incident Energy (MeV)

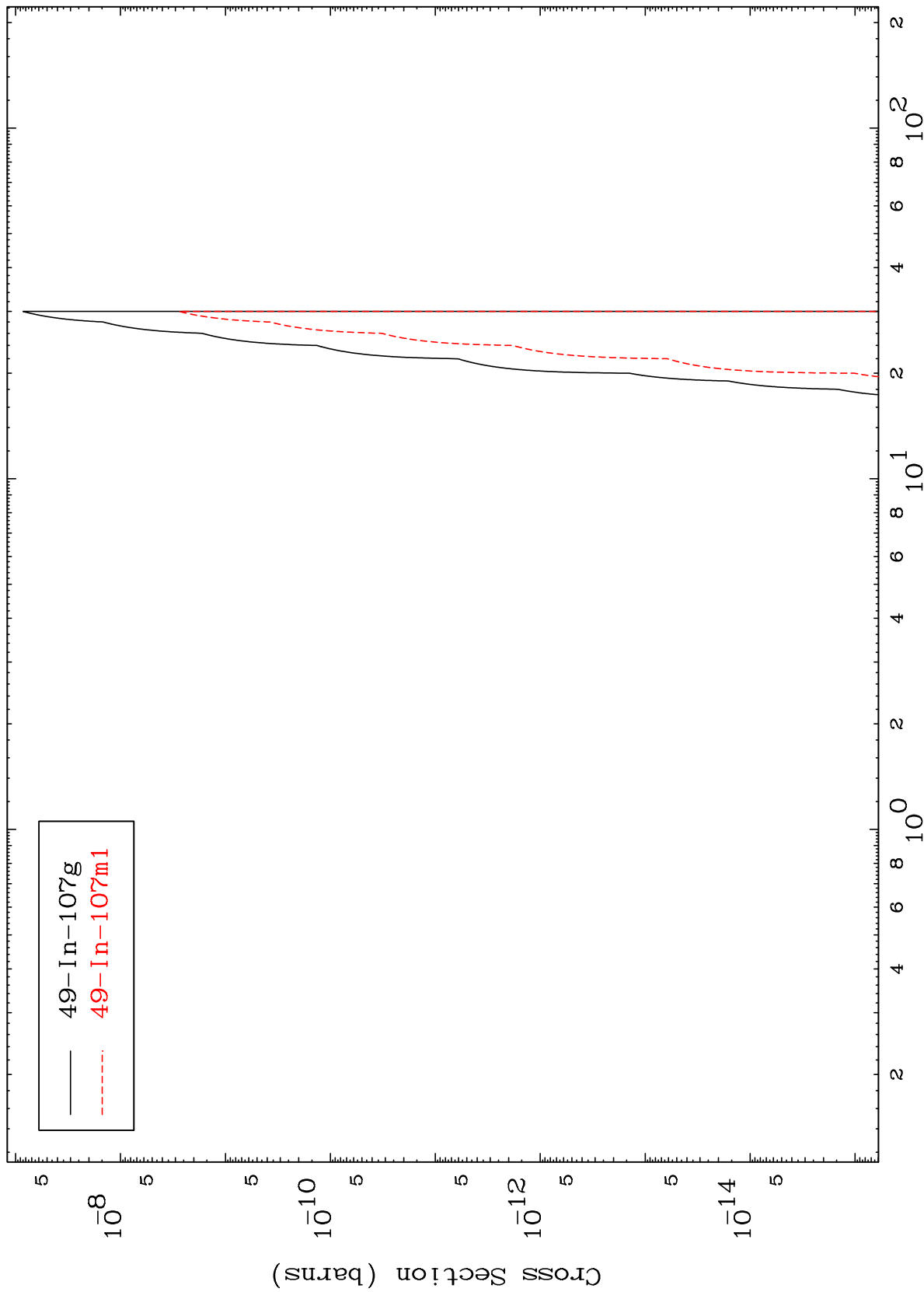
15

MAT 5407

54-Xe-118

(n,3 $\alpha$ )

Radionuclide Production Cross Section



16

54-Xe-118

Incident Energy (MeV)