

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

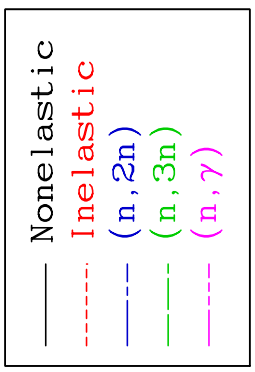
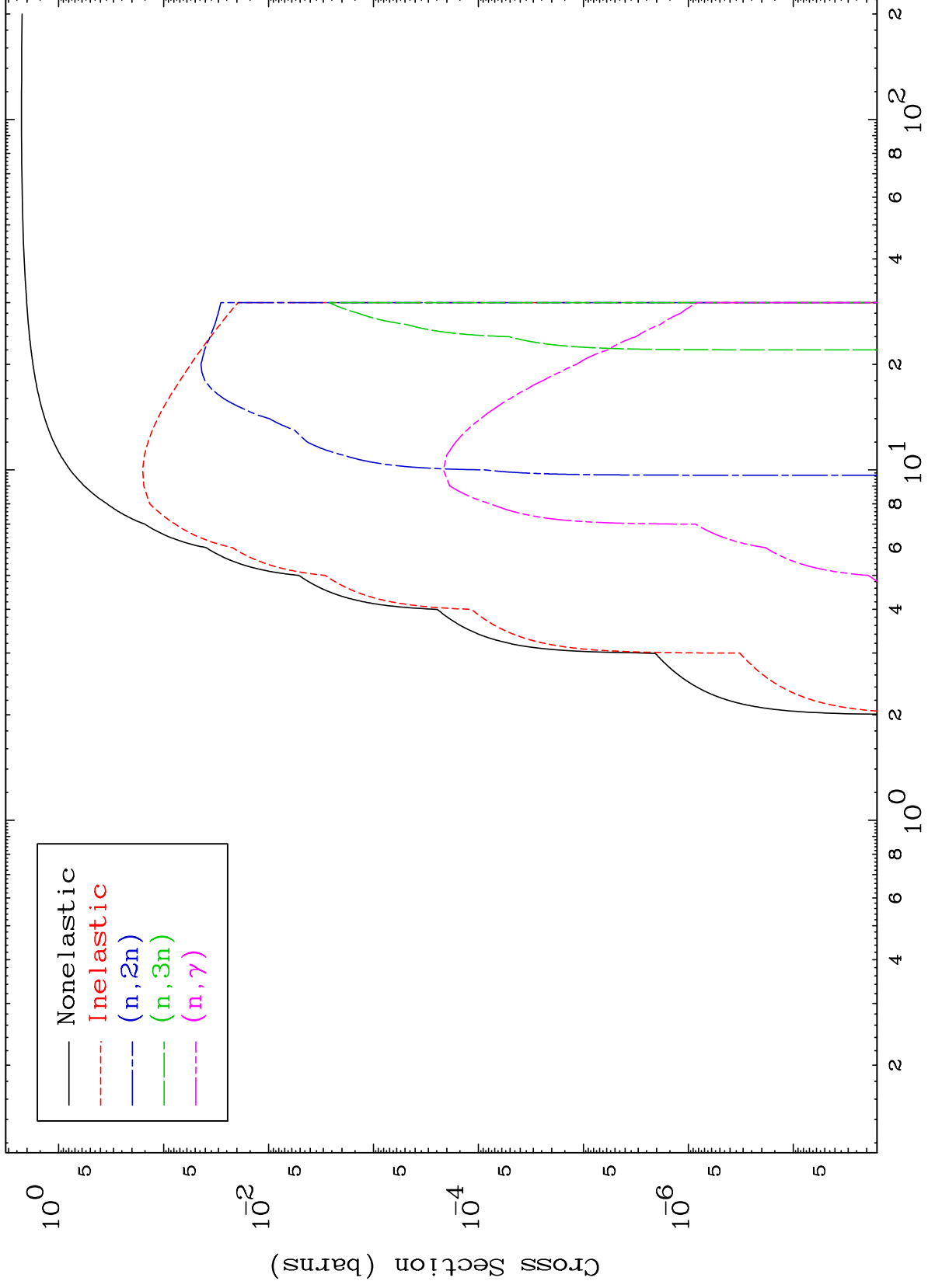
Press Mouse Button to Start

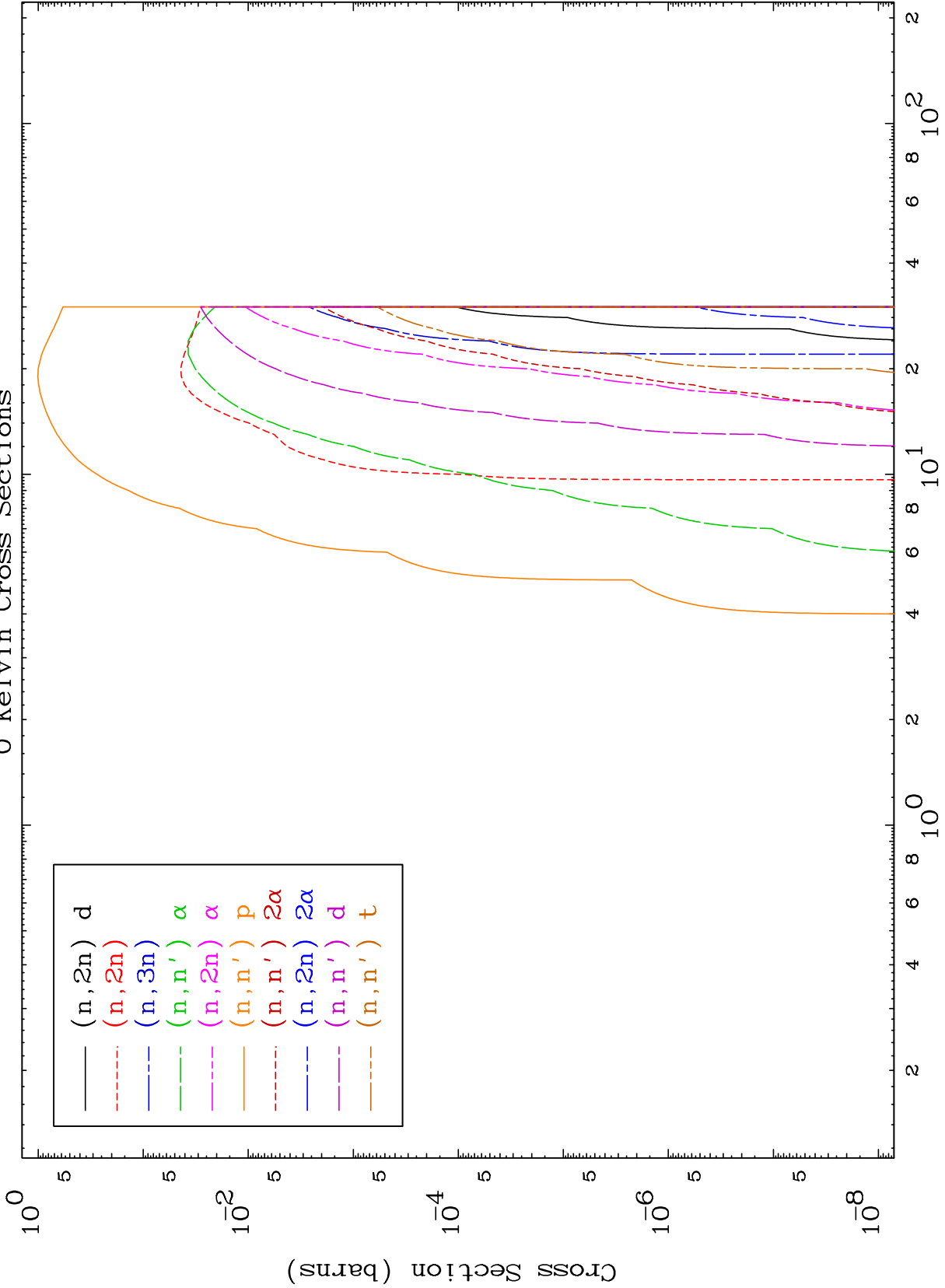
MAT 5410

Deuteron Major

54-Xe-119

0 Kelvin Cross Sections

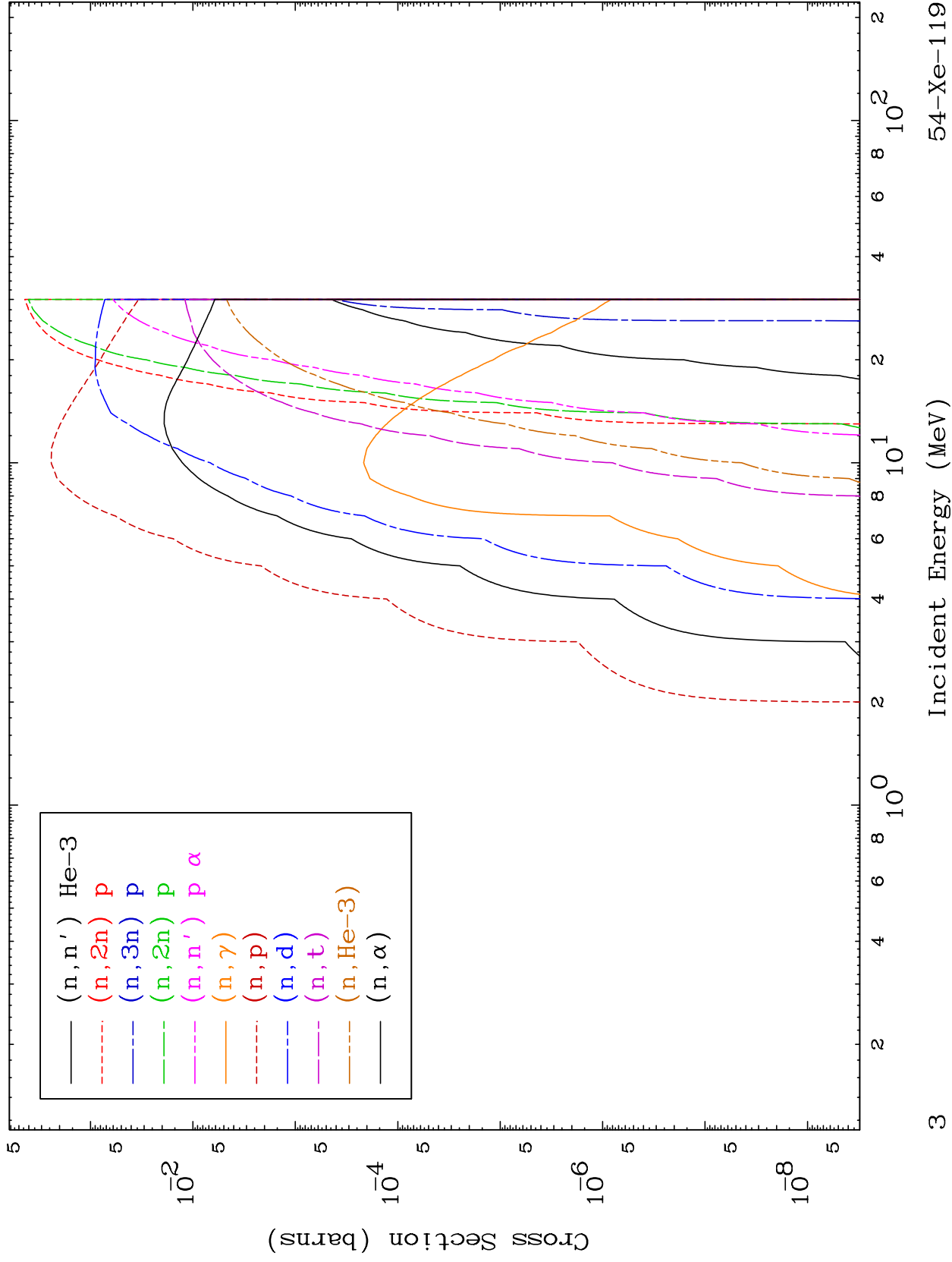




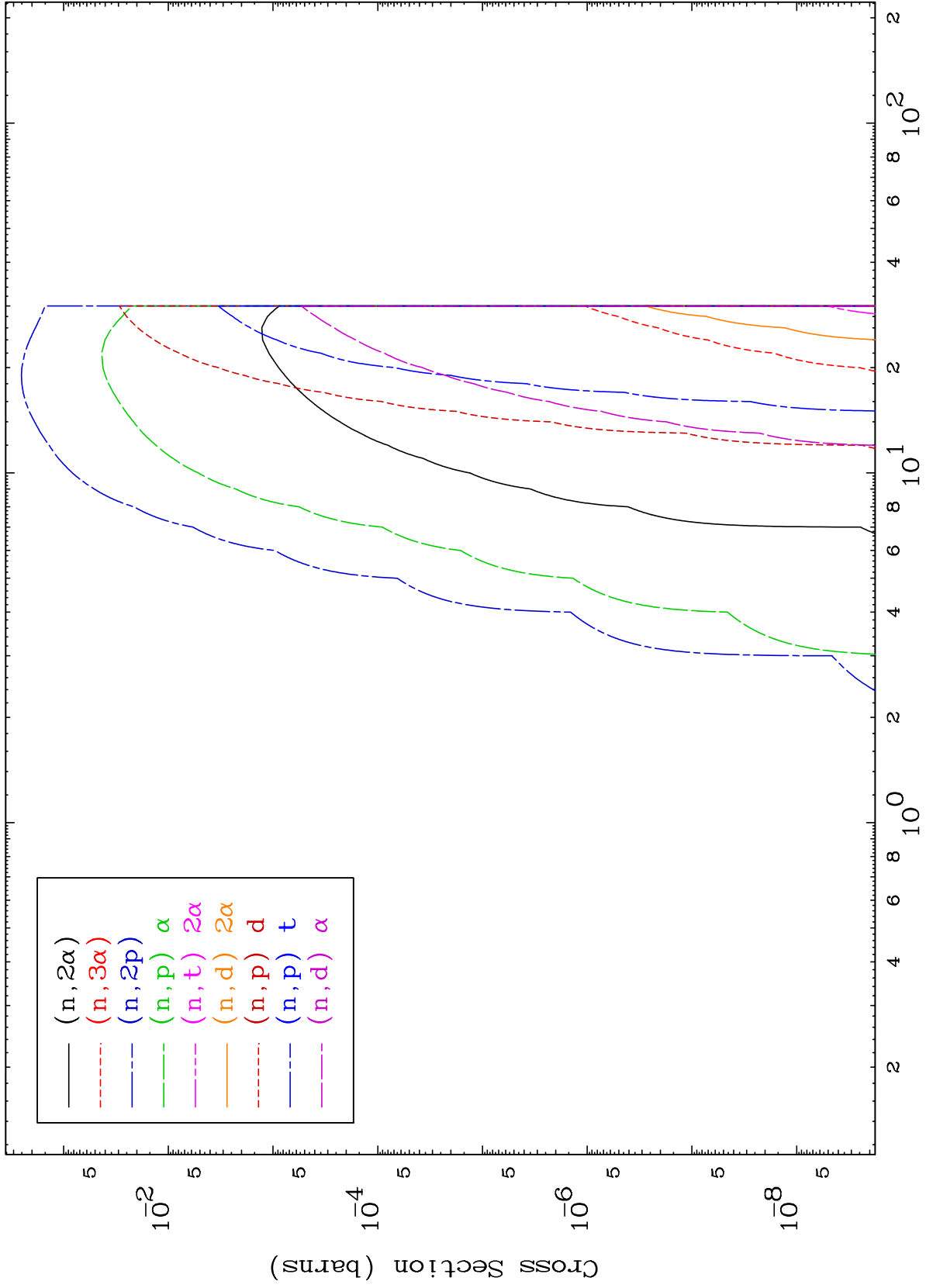
MAT 5410

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-119



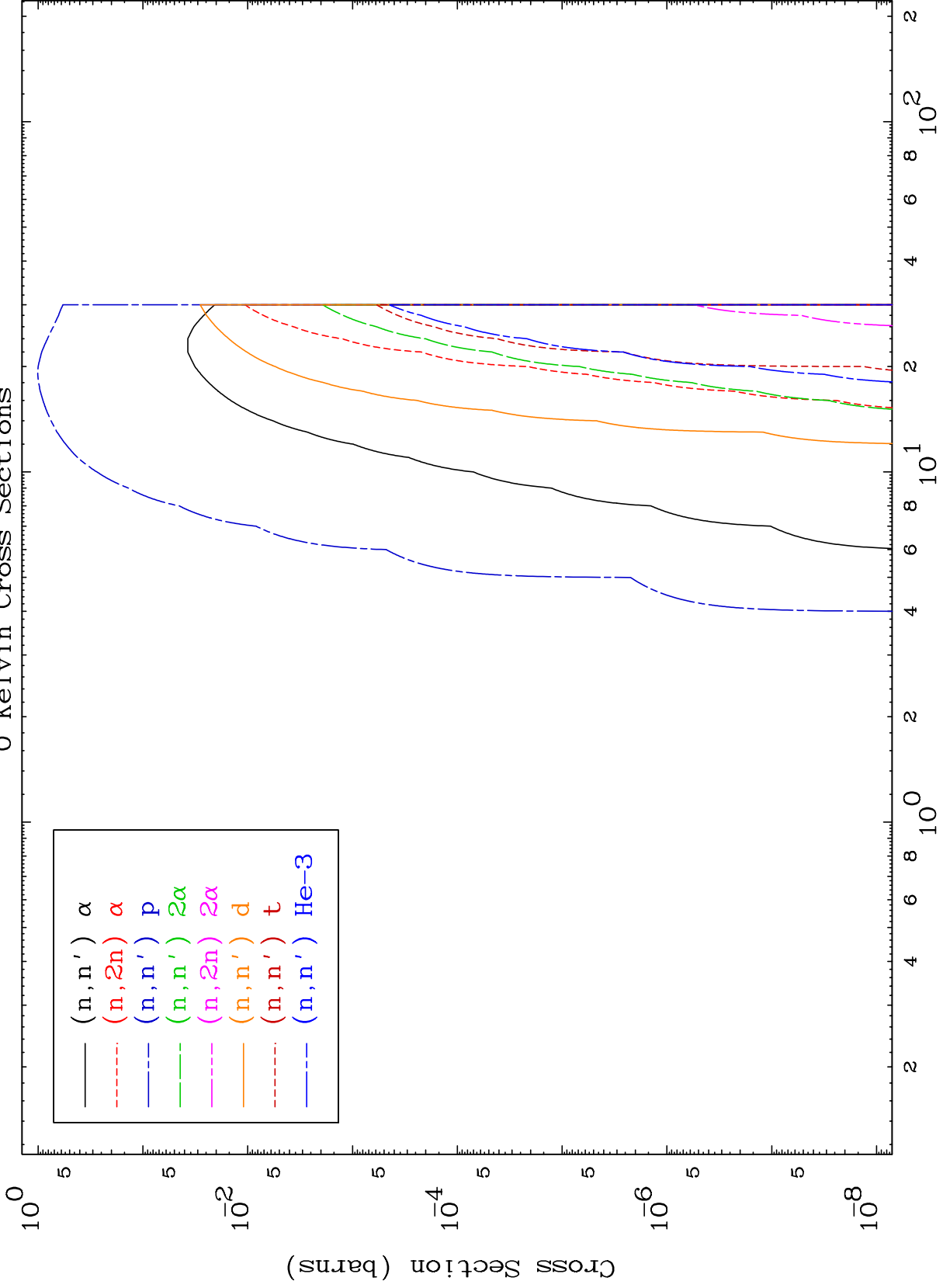
54-Xe-119



MAT 5410

Deuteron Charged Particle  
0 Kelvin Cross Sections

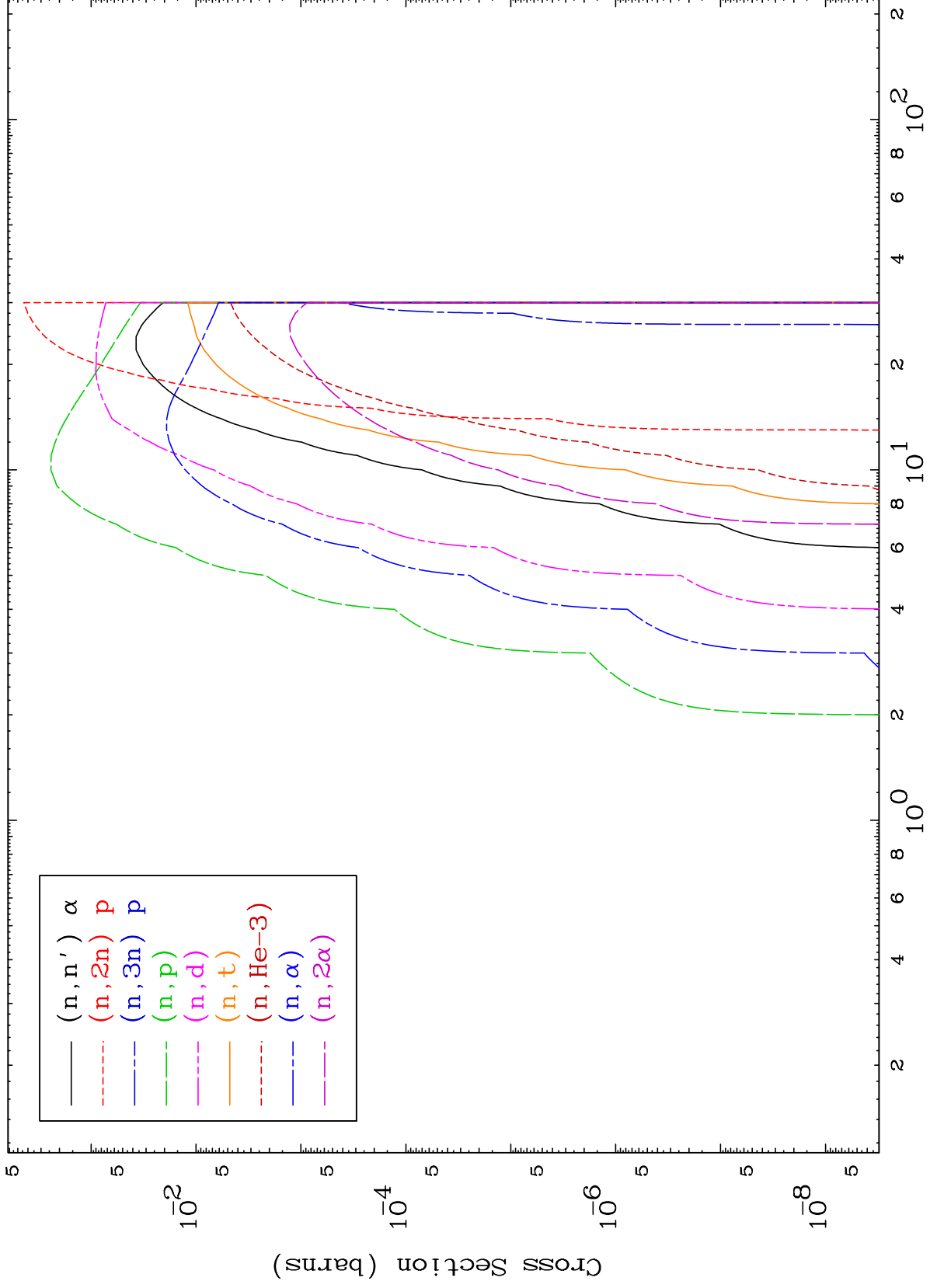
54-Xe-119

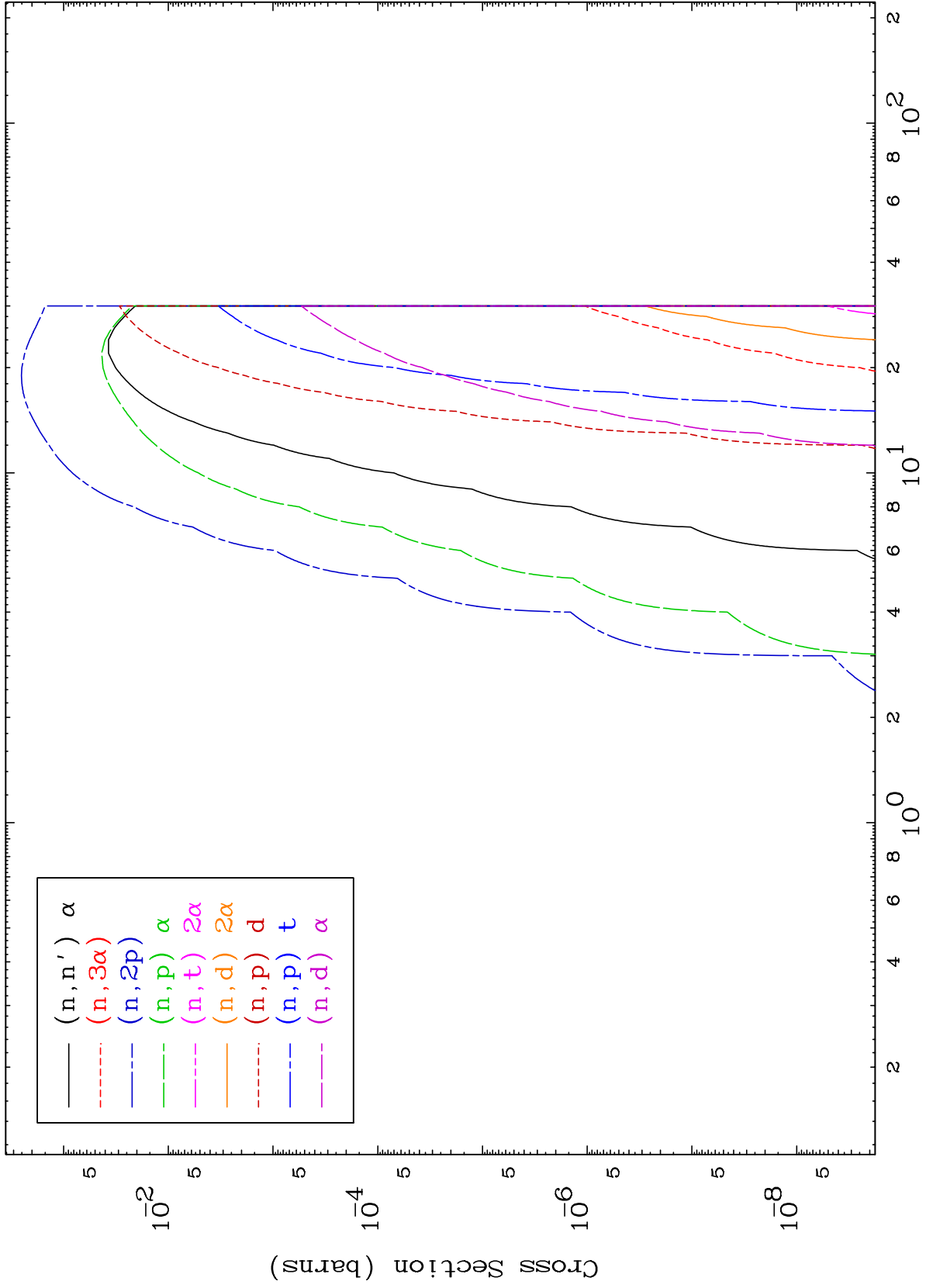


MAT 5410

Deuteron Charged Particle  
0 Kelvin Cross Sections

54-Xe-119





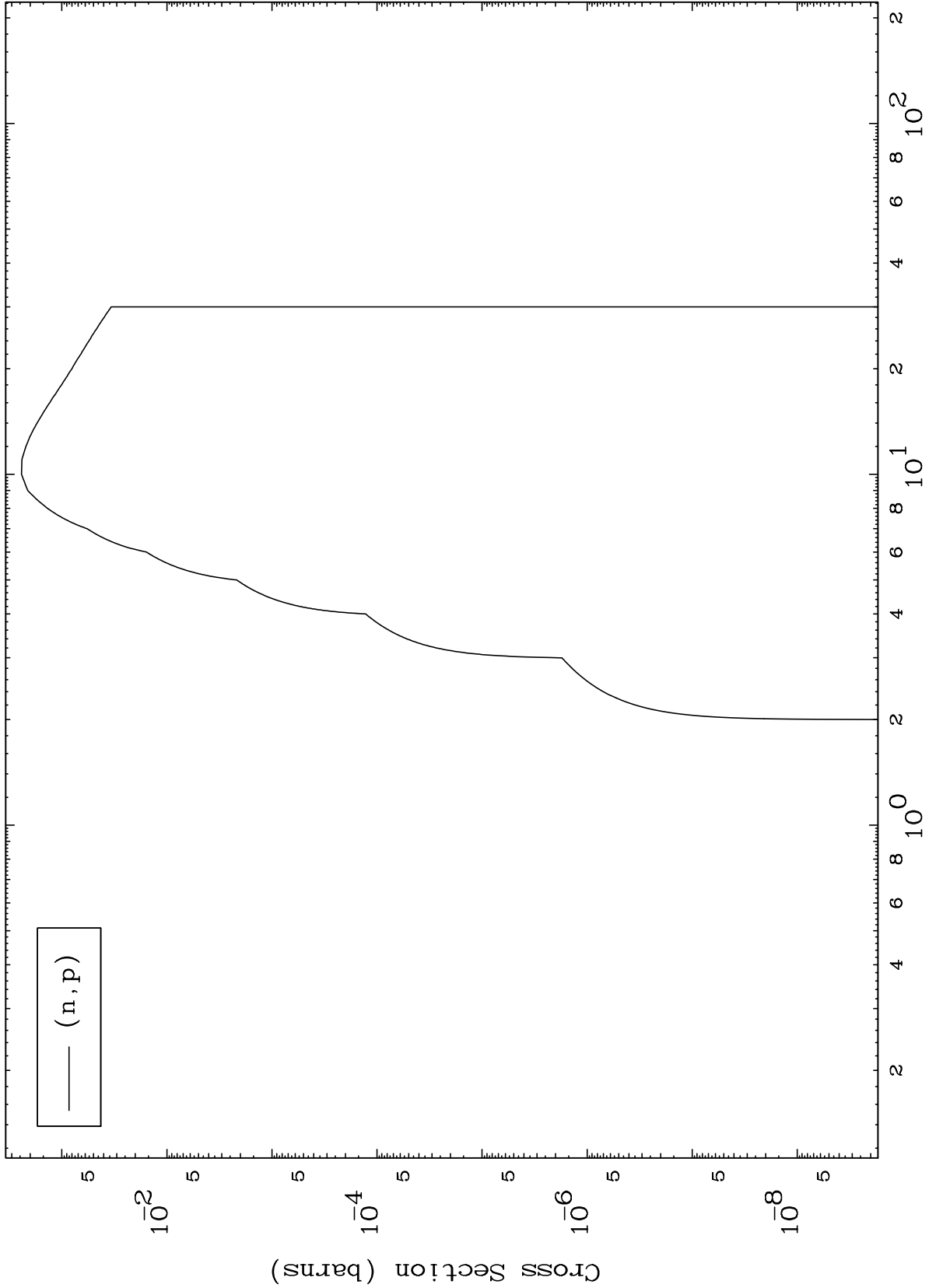


MAT 5410

(d,p) Levels

54-Xe-119

0 Kelvin Cross Sections

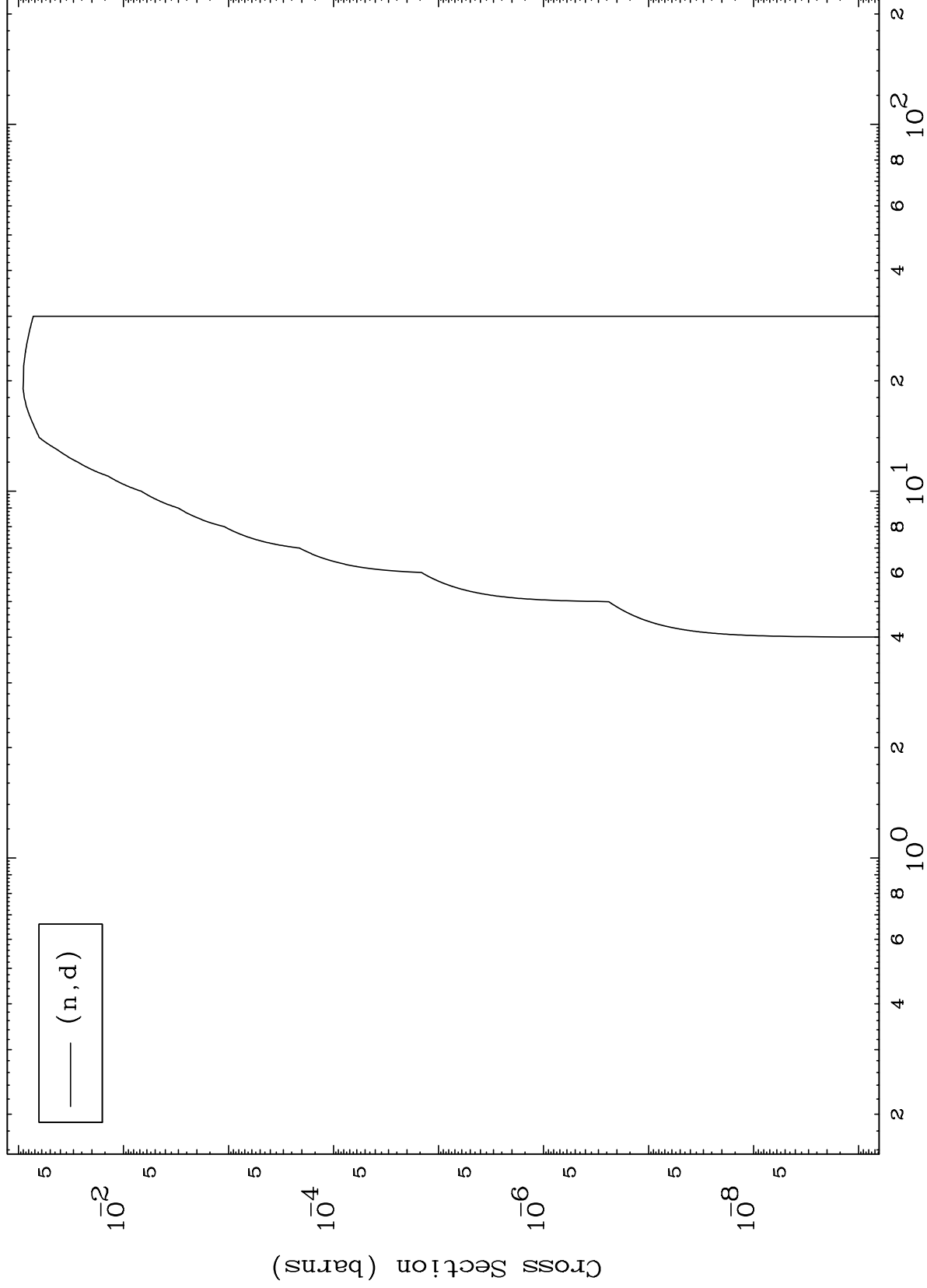


MAT 5410

(d,d) Levels

54-Xe-119

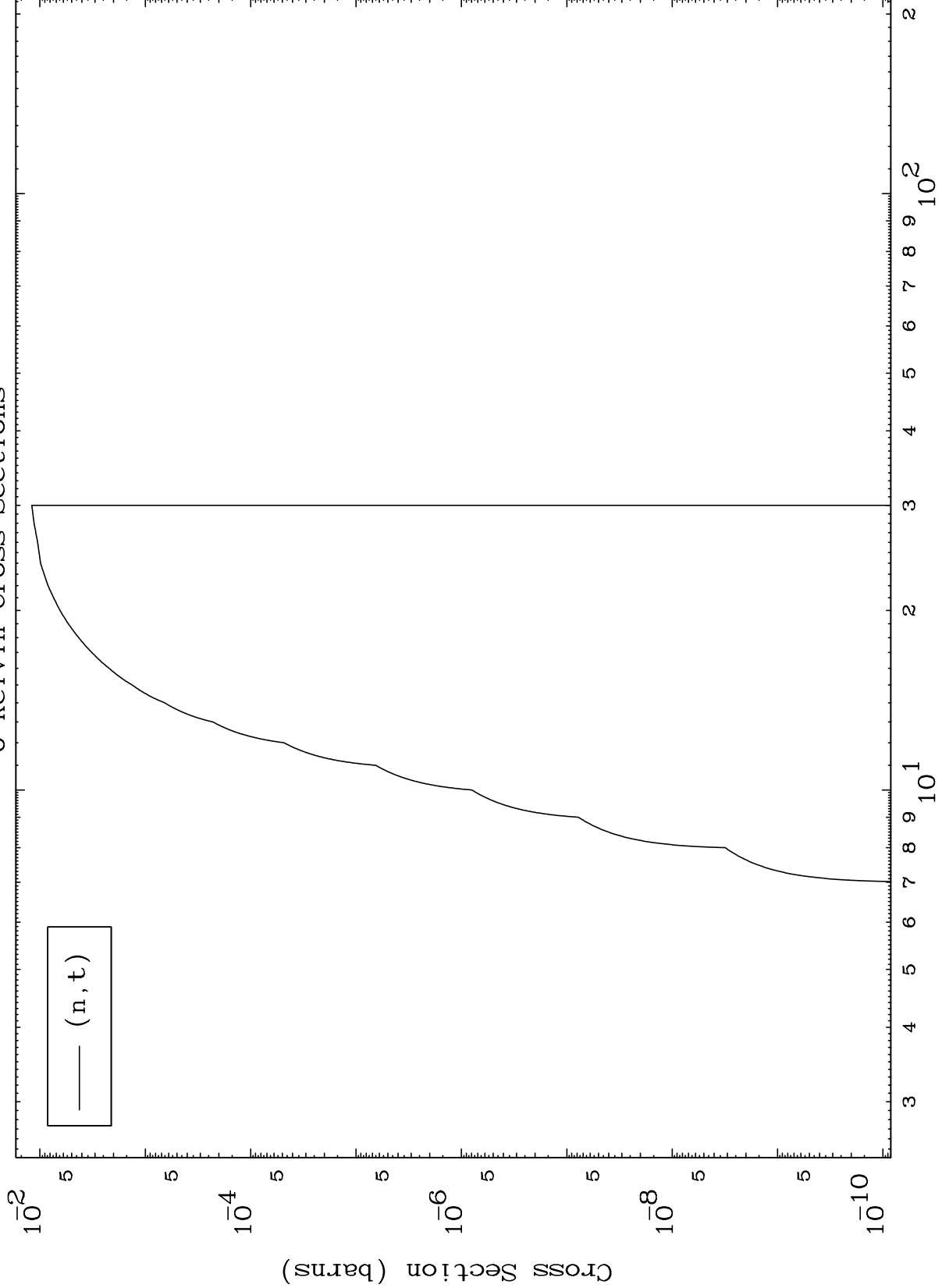
0 Kelvin Cross Sections



MAT 5410

(d,t) Levels  
0 Kelvin Cross Sections

54-Xe-119



(n,t)

10

Incident Energy (MeV)

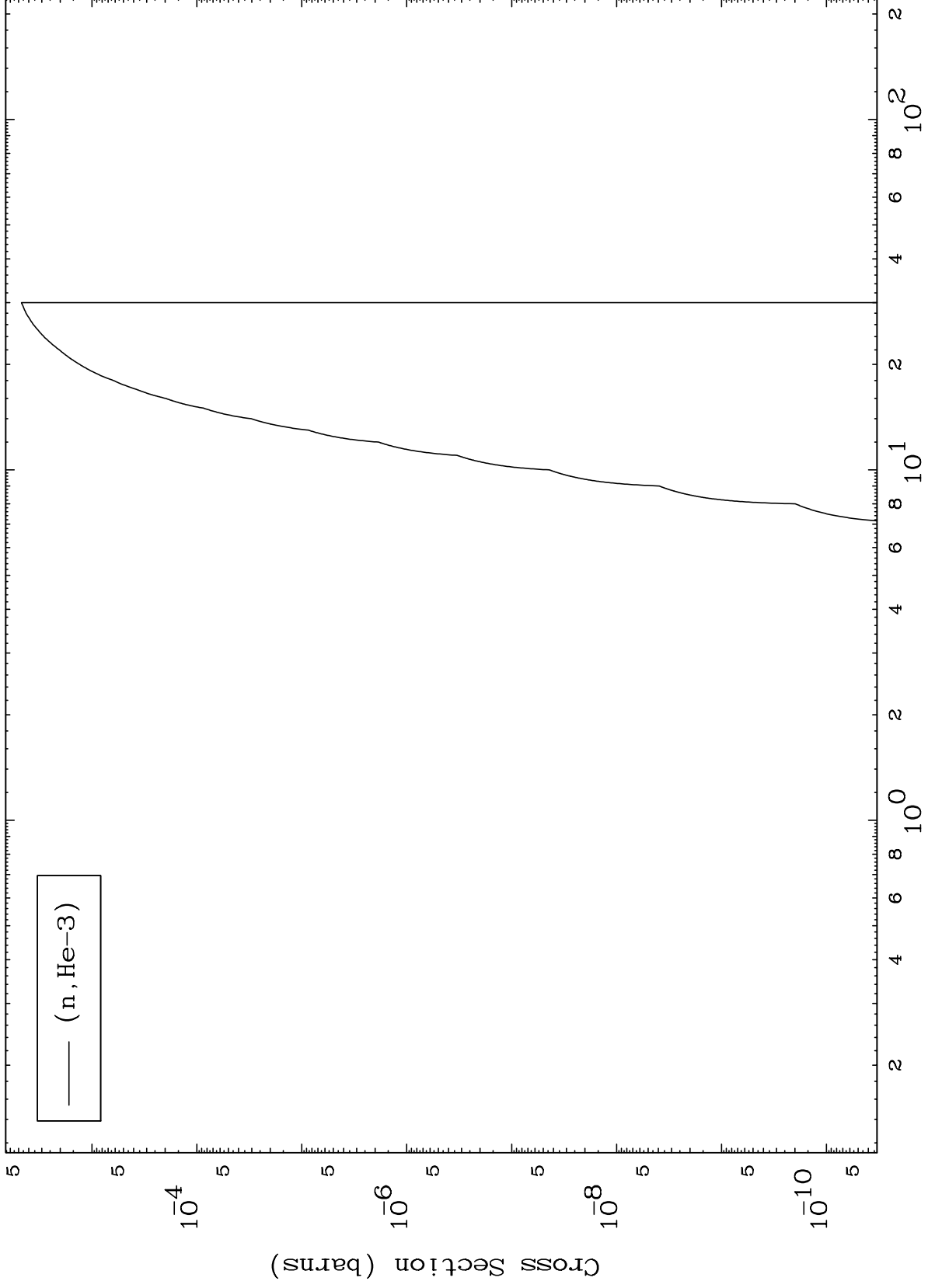
54-Xe-119

MAT 5410

(d,He3) Levels

54-Xe-119

0 Kelvin Cross Sections

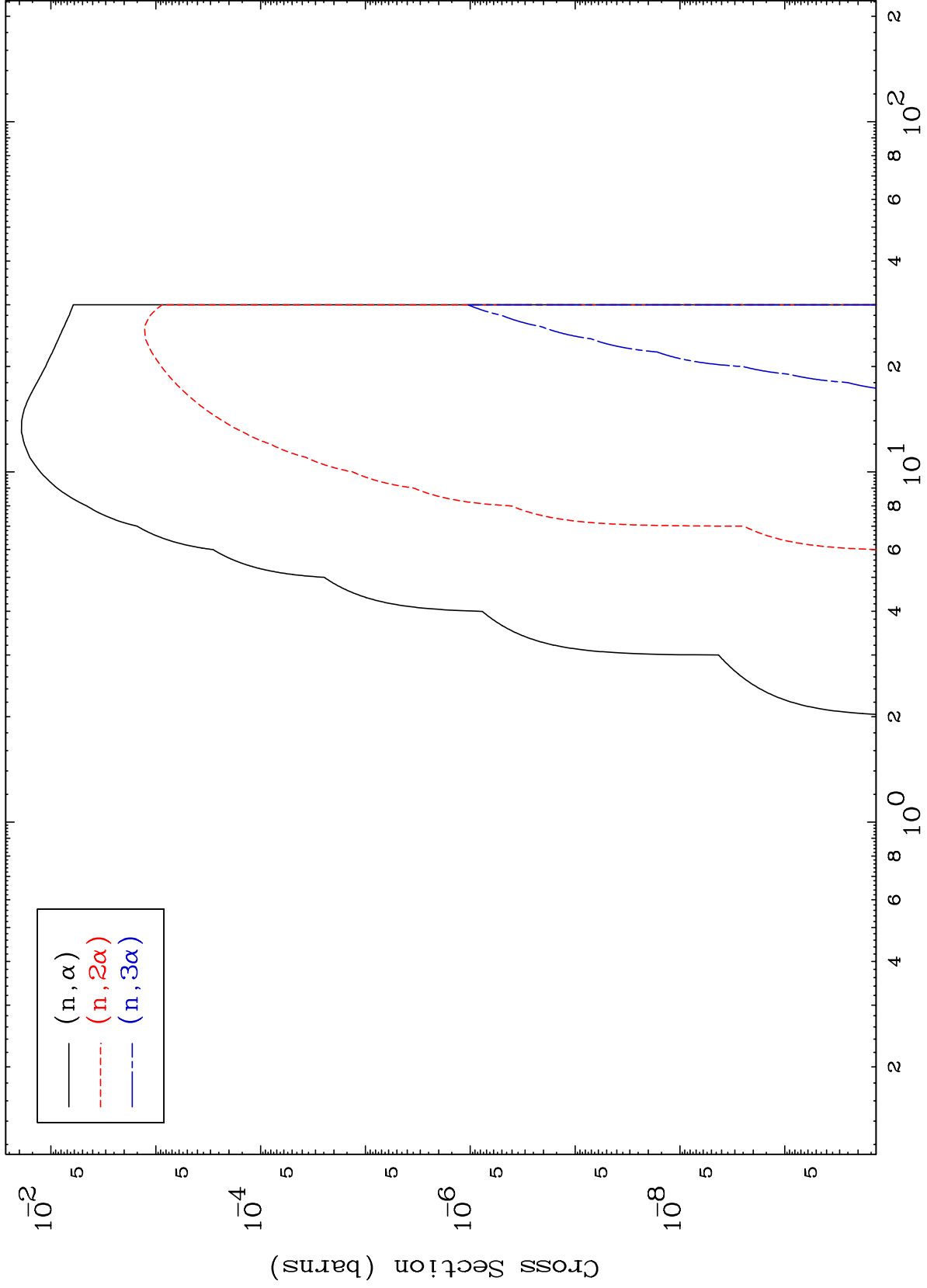


MAT 5410

(d,  $\alpha$ ) Levels

54-Xe-119

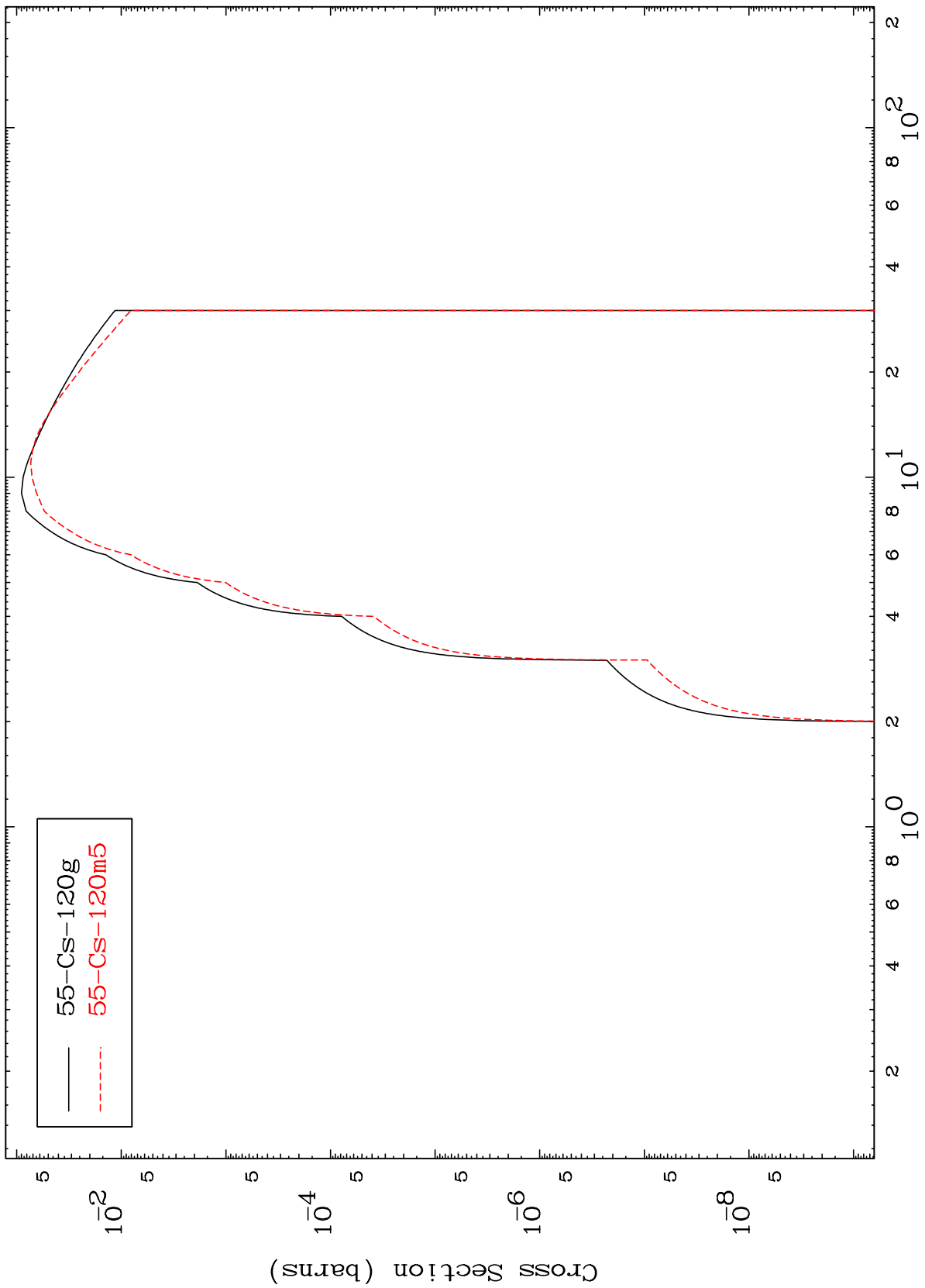
0 Kelvin Cross Sections



MAT 5410

54-Xe-119

Radionuclide Production Cross Section



13

54-Xe-119

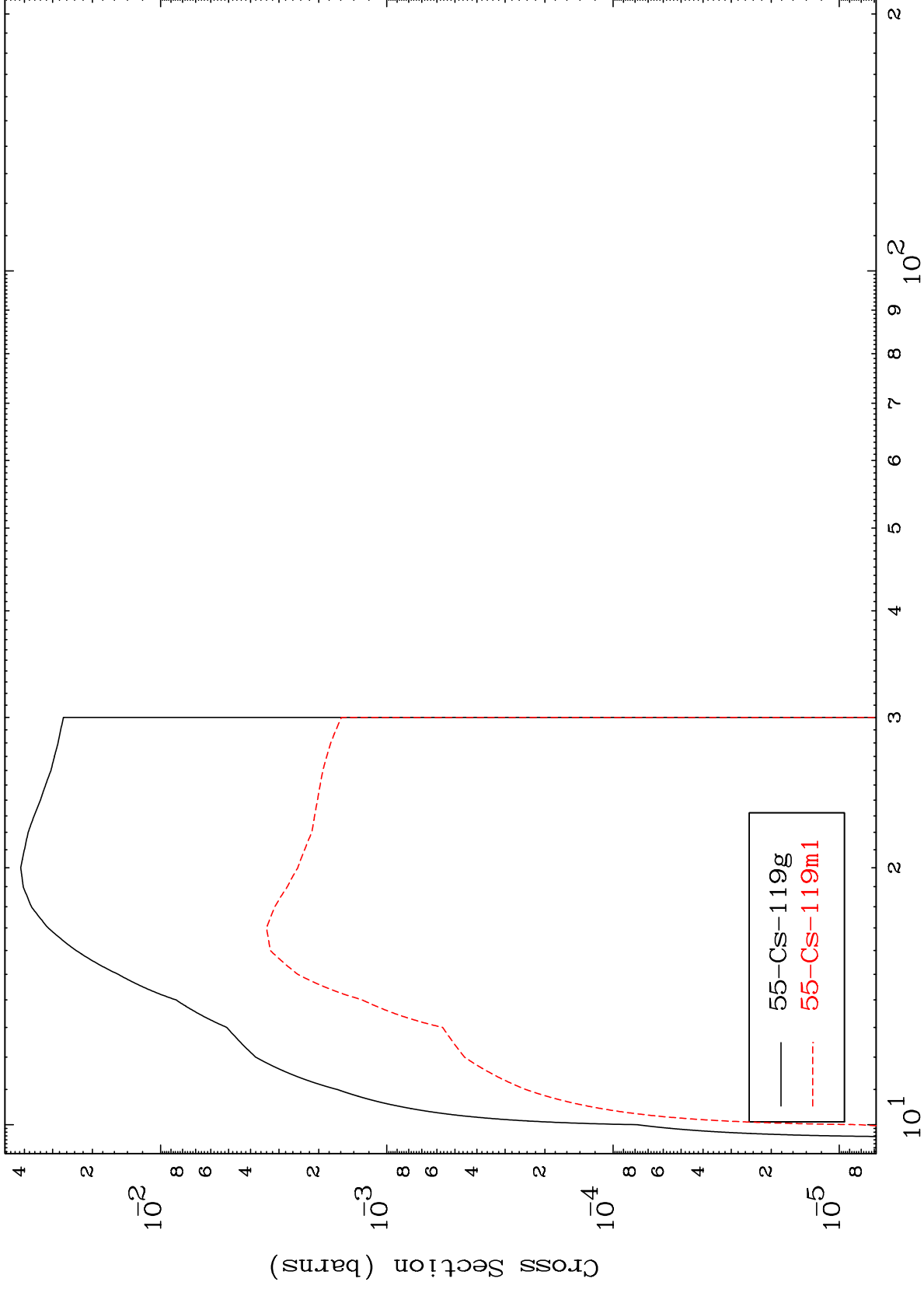
Incident Energy (MeV)

MAT 5410

(n,2n)

54-Xe-119

Radionuclide Production Cross Section



54-Xe-119

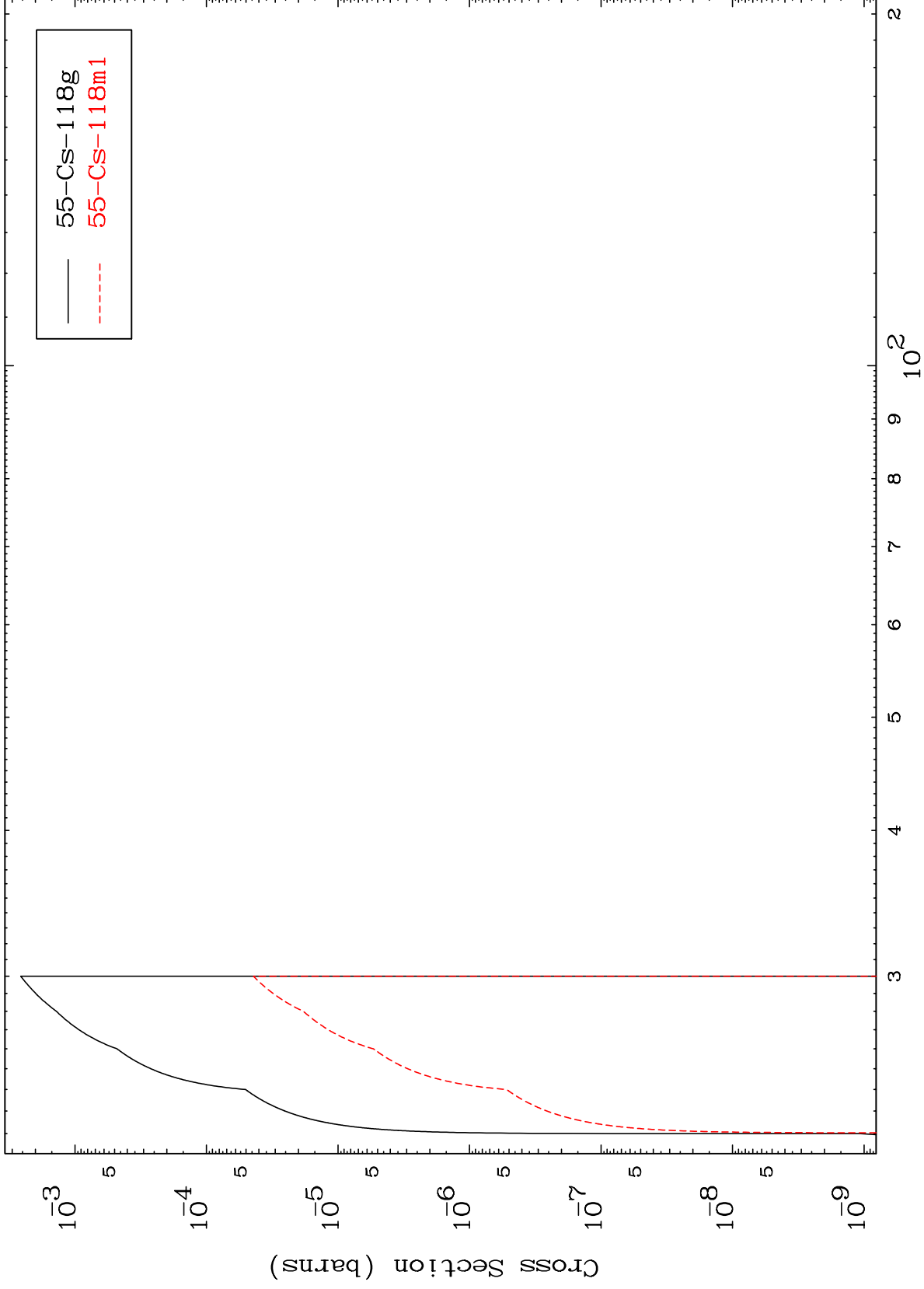
54-Xe-119

MAT 5410

(n,3n)

54-Xe-119

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-119

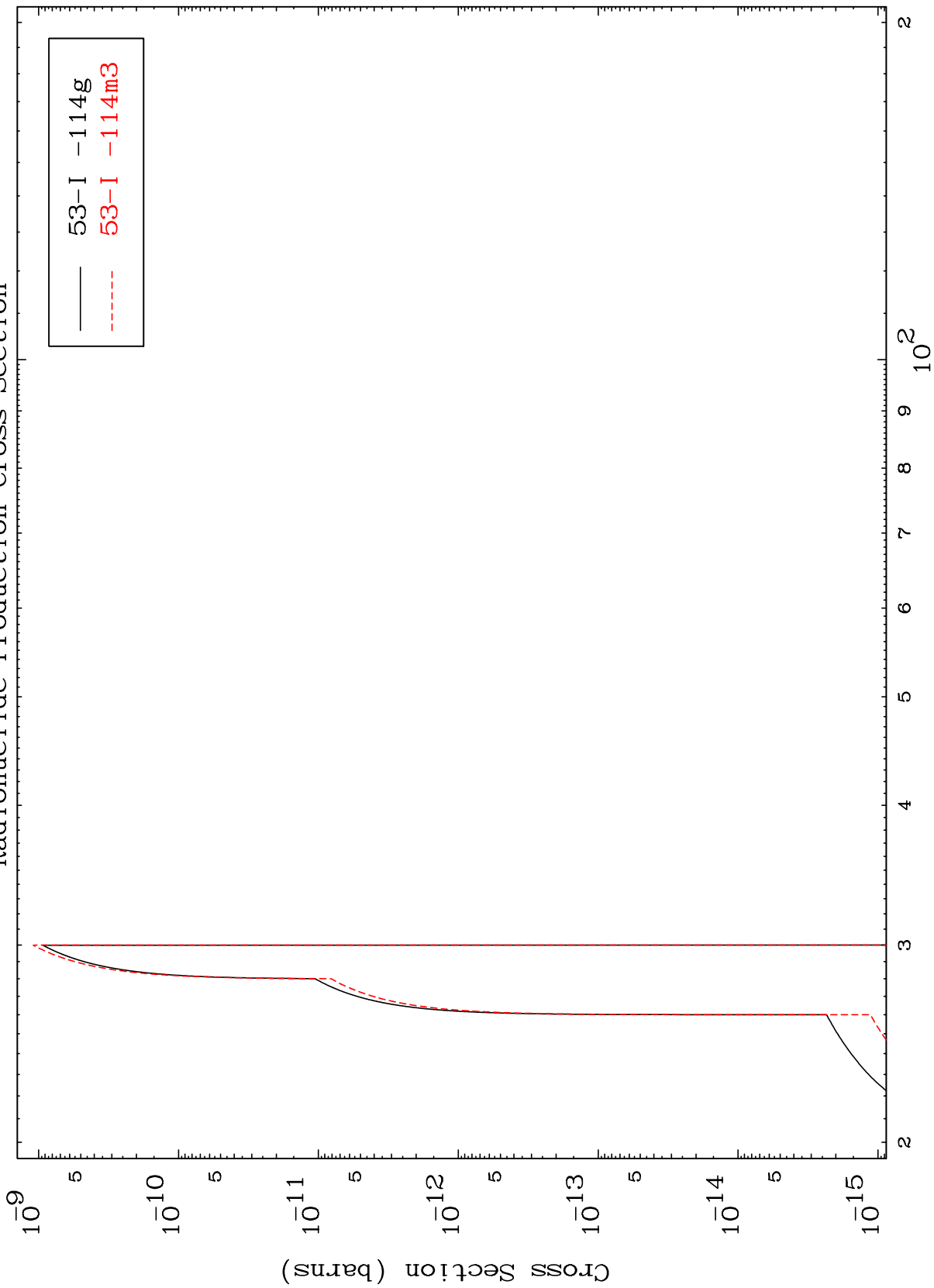


MAT 5410

(n,3n)  $\alpha$

54-Xe-119

Radionuclide Production Cross Section



16

Incident Energy (MeV)

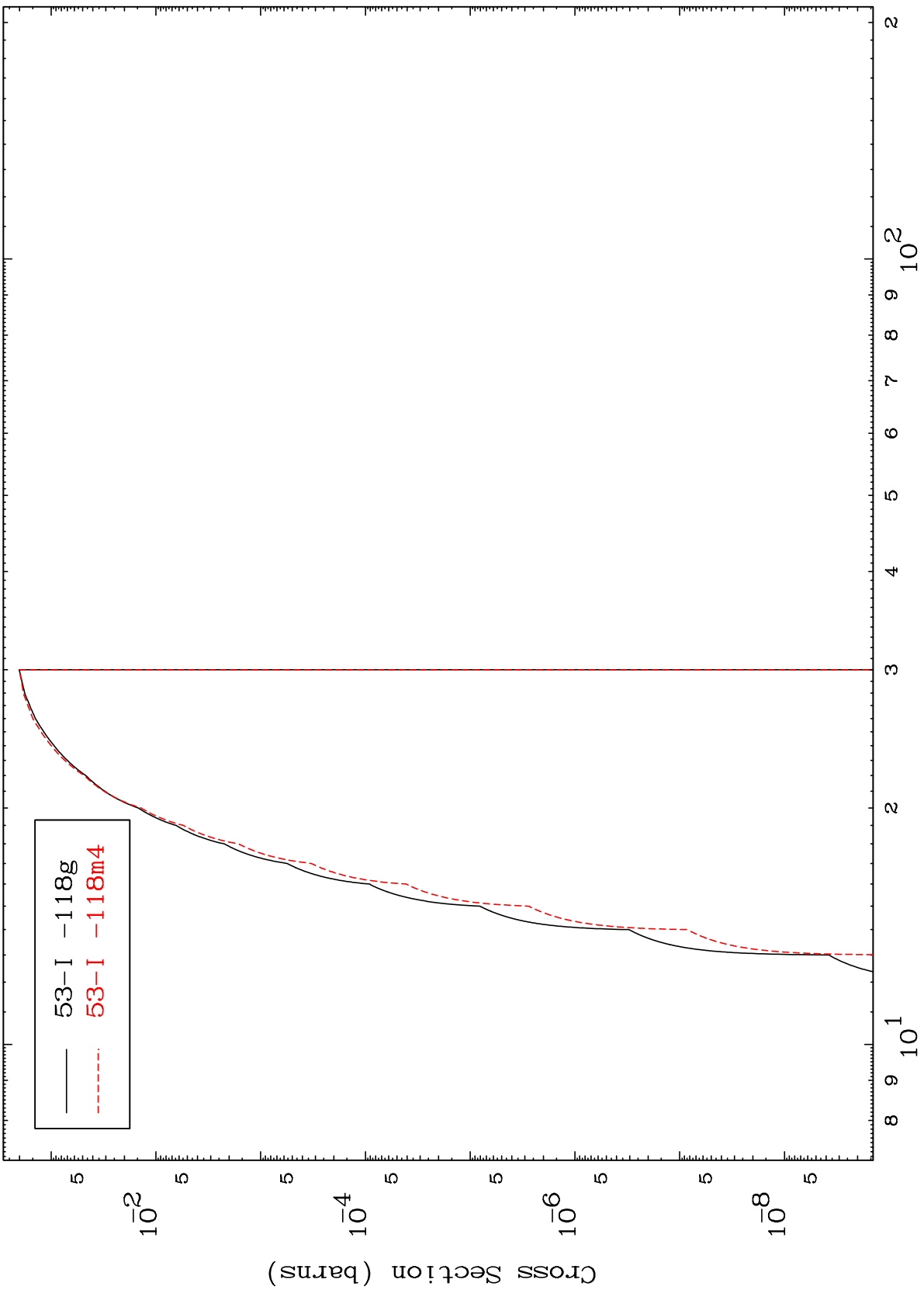
54-Xe-119

MAT 5410

(n,2n) p

54-Xe-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

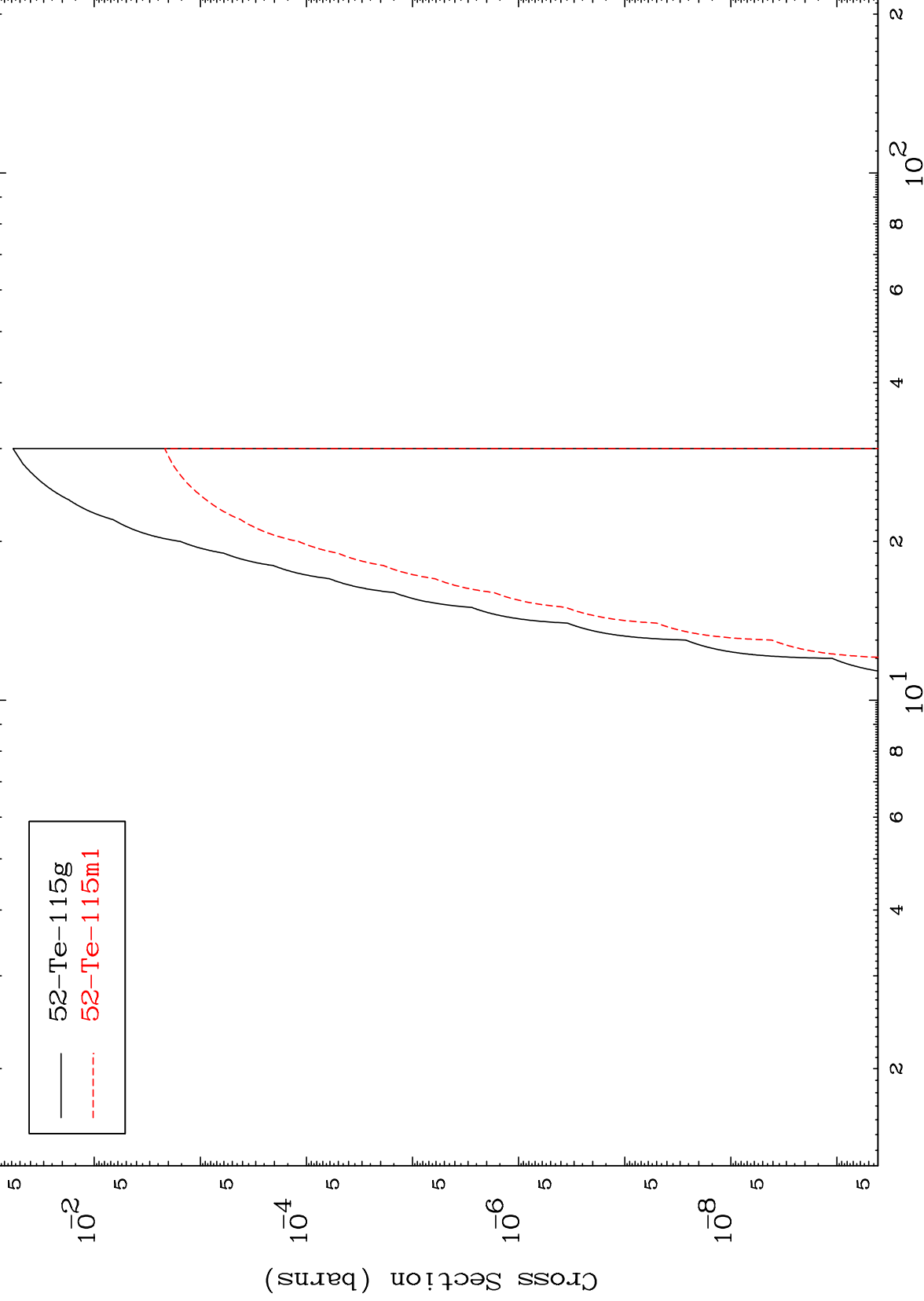
54-Xe-119

MAT 5410

(n,n') p  $\alpha$

54-Xe-119

Radionuclide Production Cross Section



18

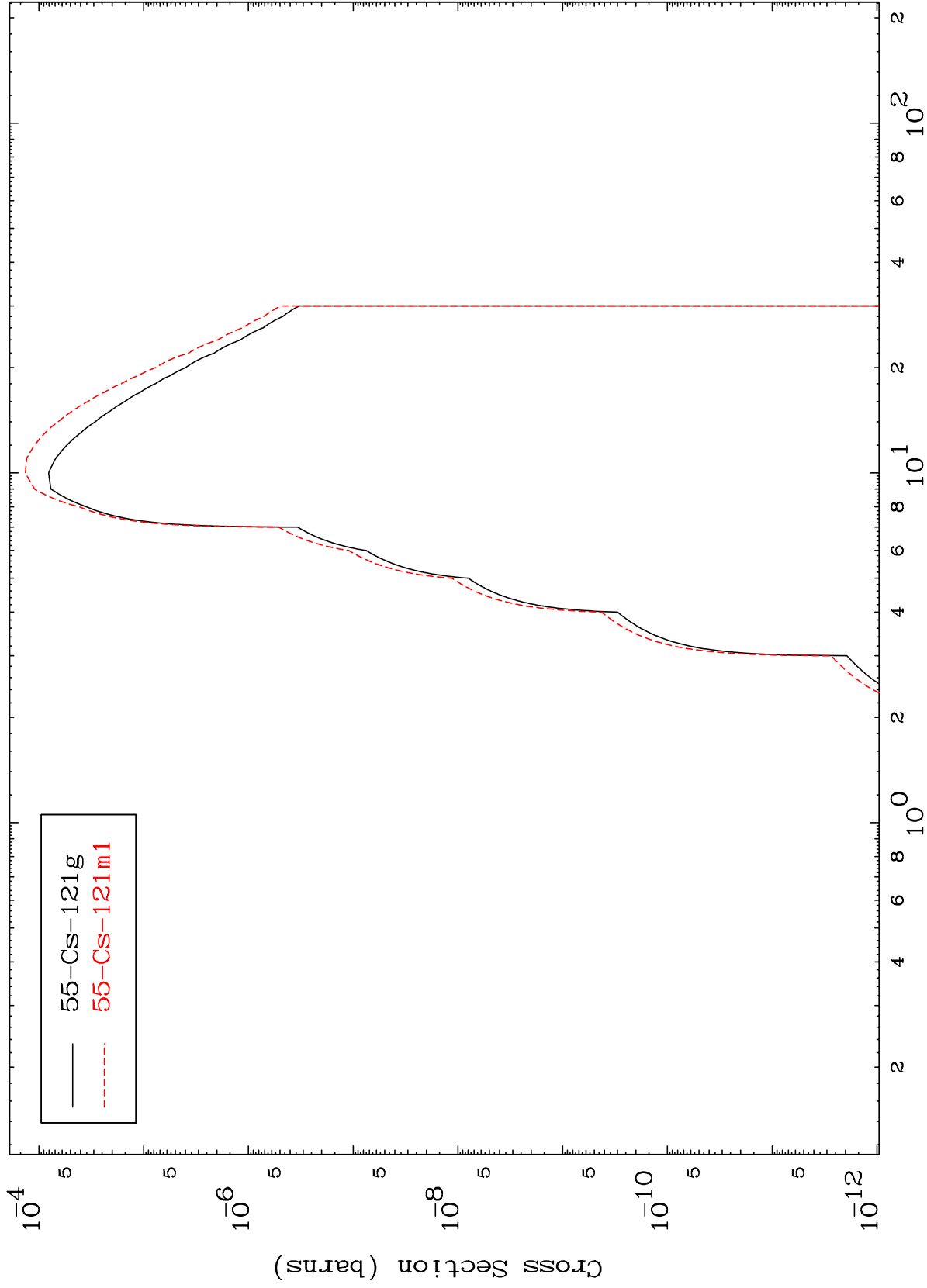
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

(n,  $\gamma$ )  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

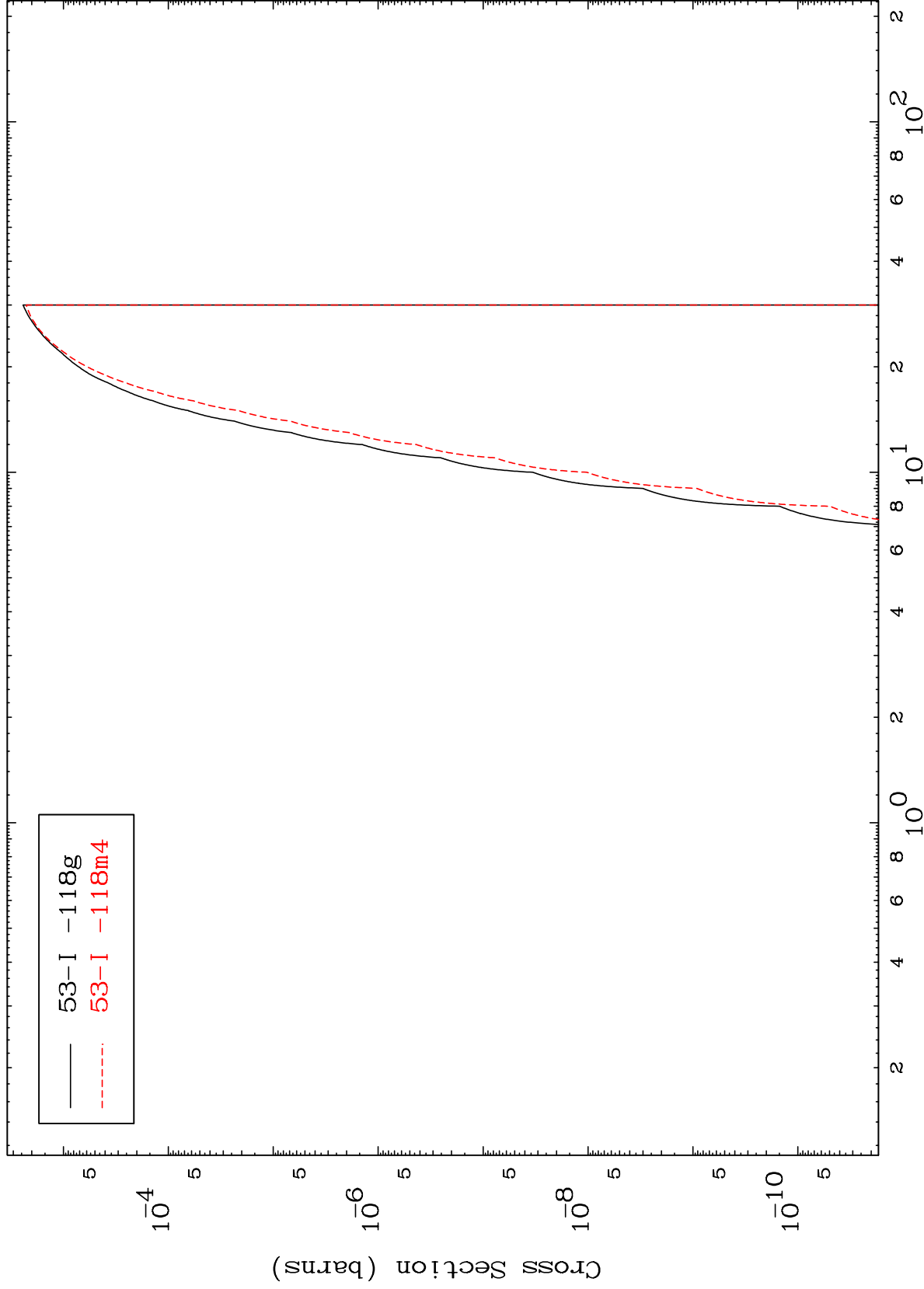
54-Xe-119

MAT 5410

(n,He-3)

54-Xe-119

Radionuclide Production Cross Section



20

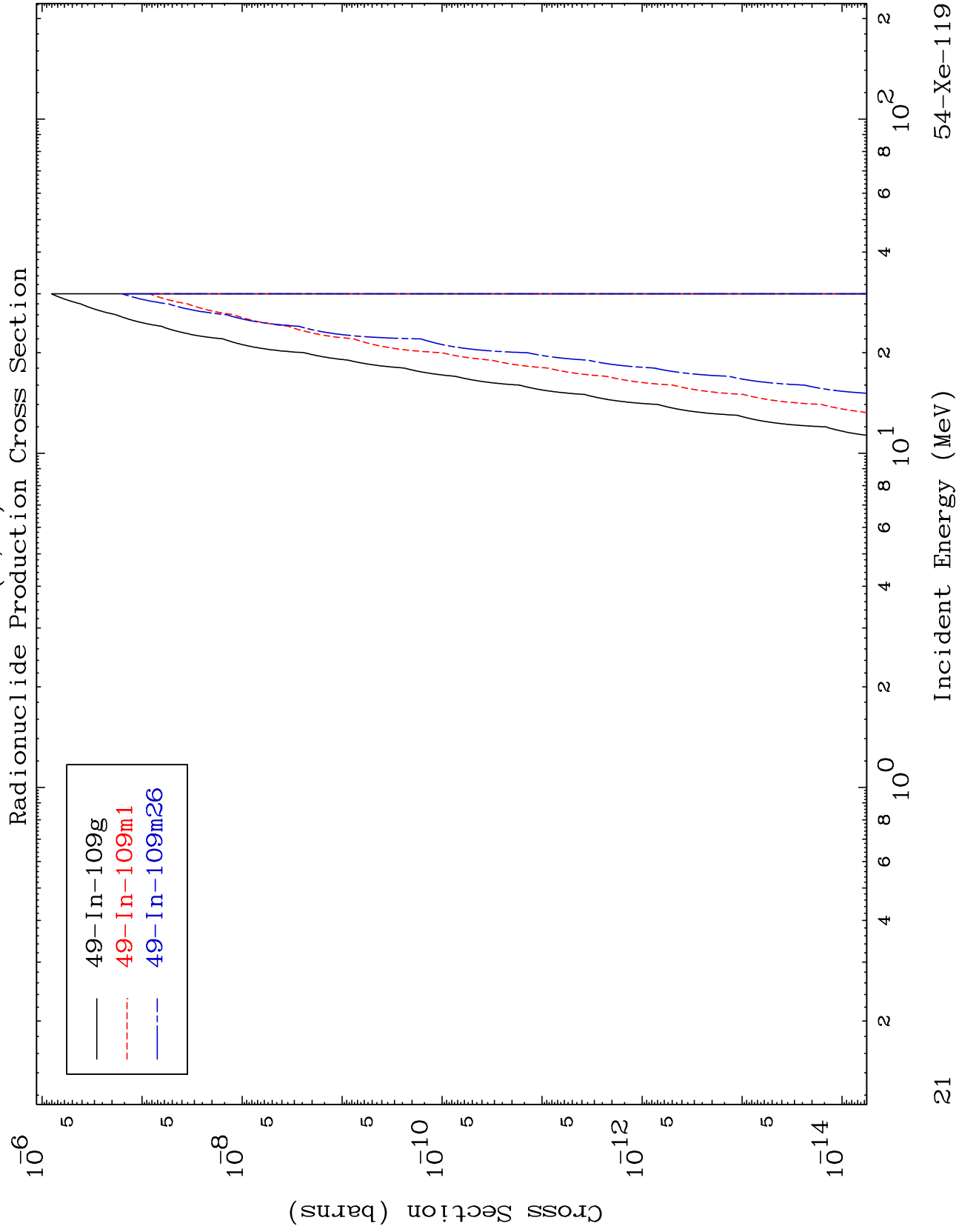
Incident Energy (MeV)

54-Xe-119

MAT 5410

(n,3α)

54-Xe-119

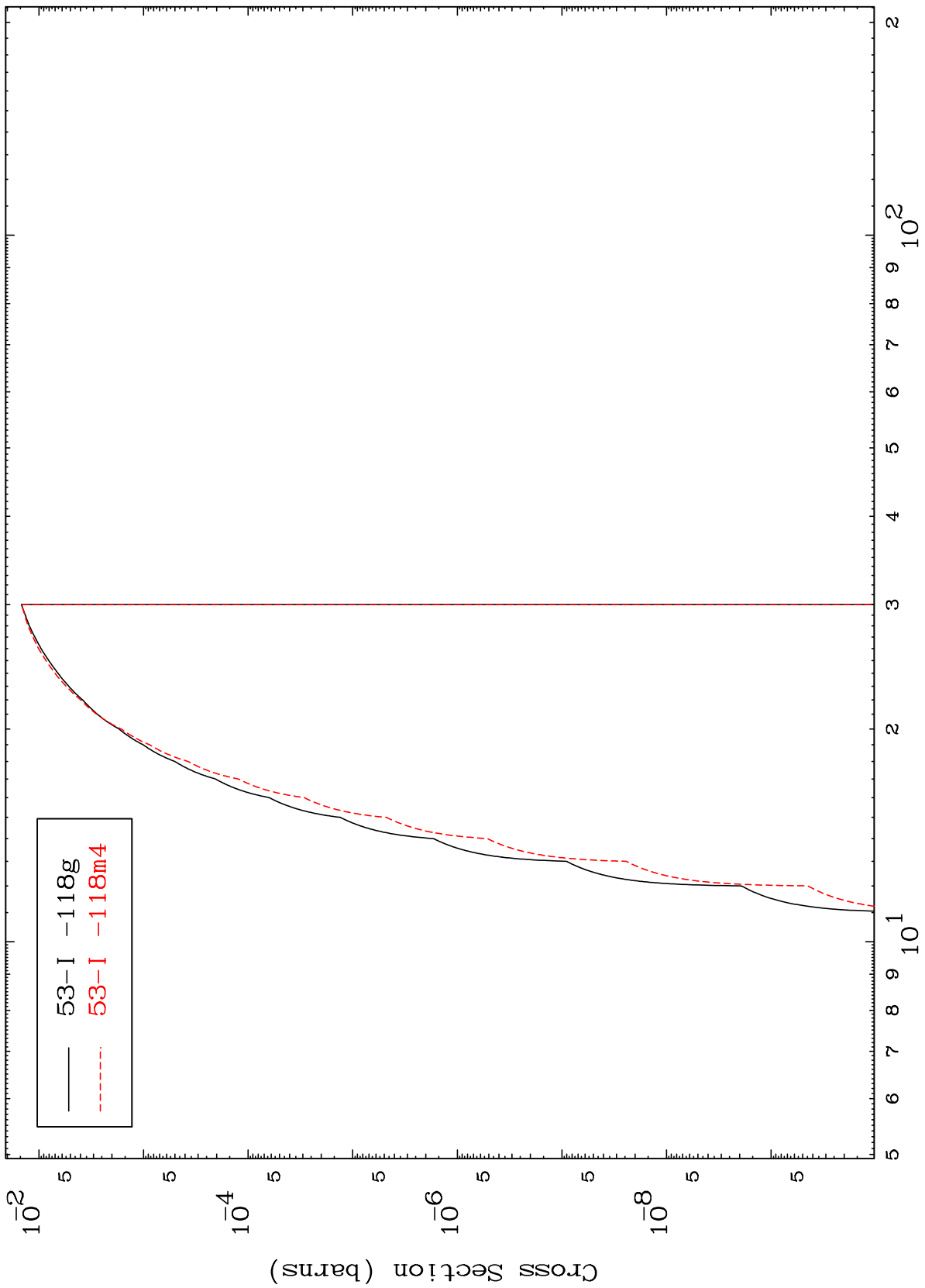


MAT 5410

(n,p) d

54-Xe-119

Radionuclide Production Cross Section



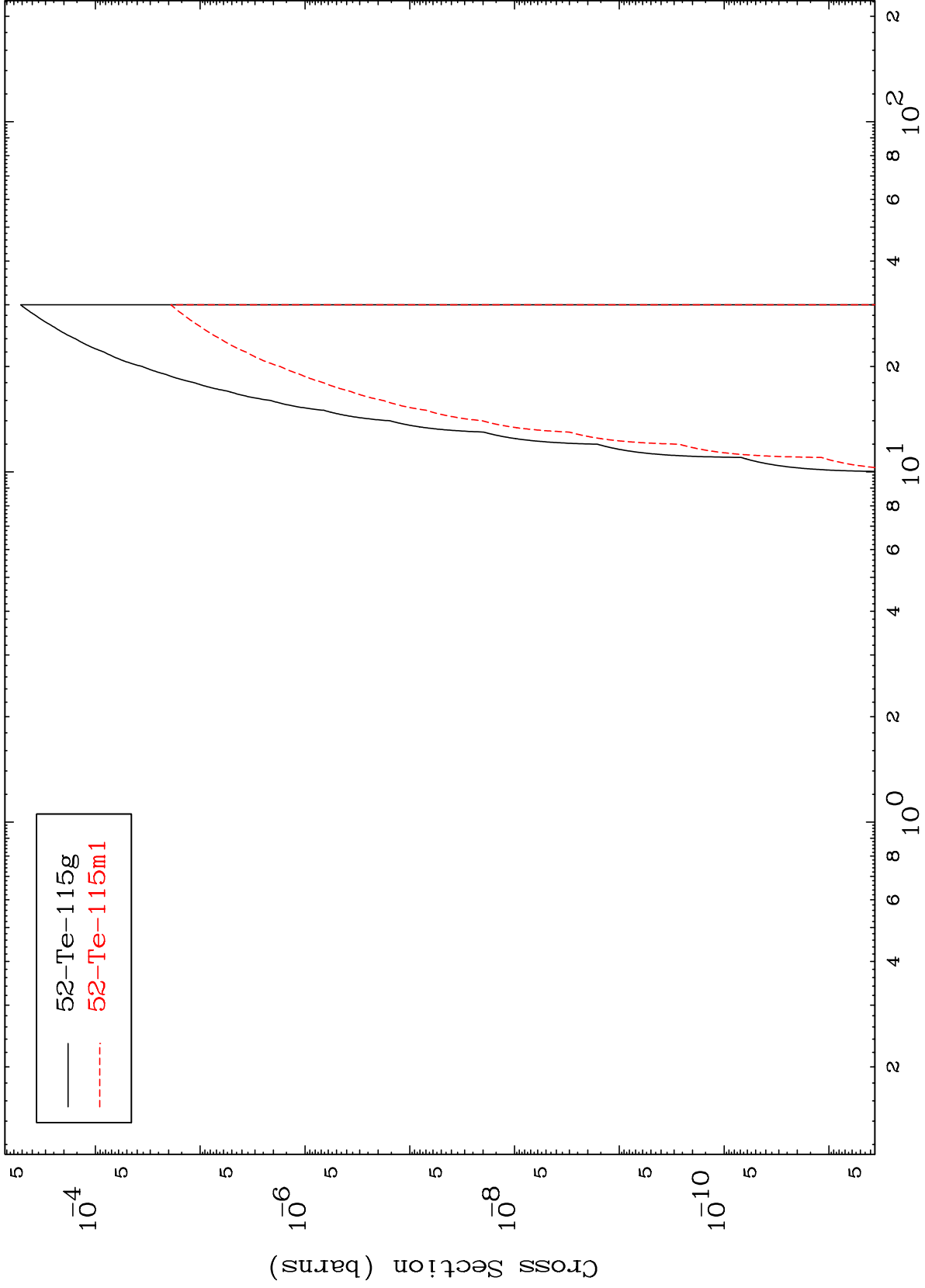
53-I -118g  
53-I -118m4

MAT 5410

(n,d)  $\alpha$

54-Xe-119

Radionuclide Production Cross Section



23

Incident Energy (MeV)

54-Xe-119