

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

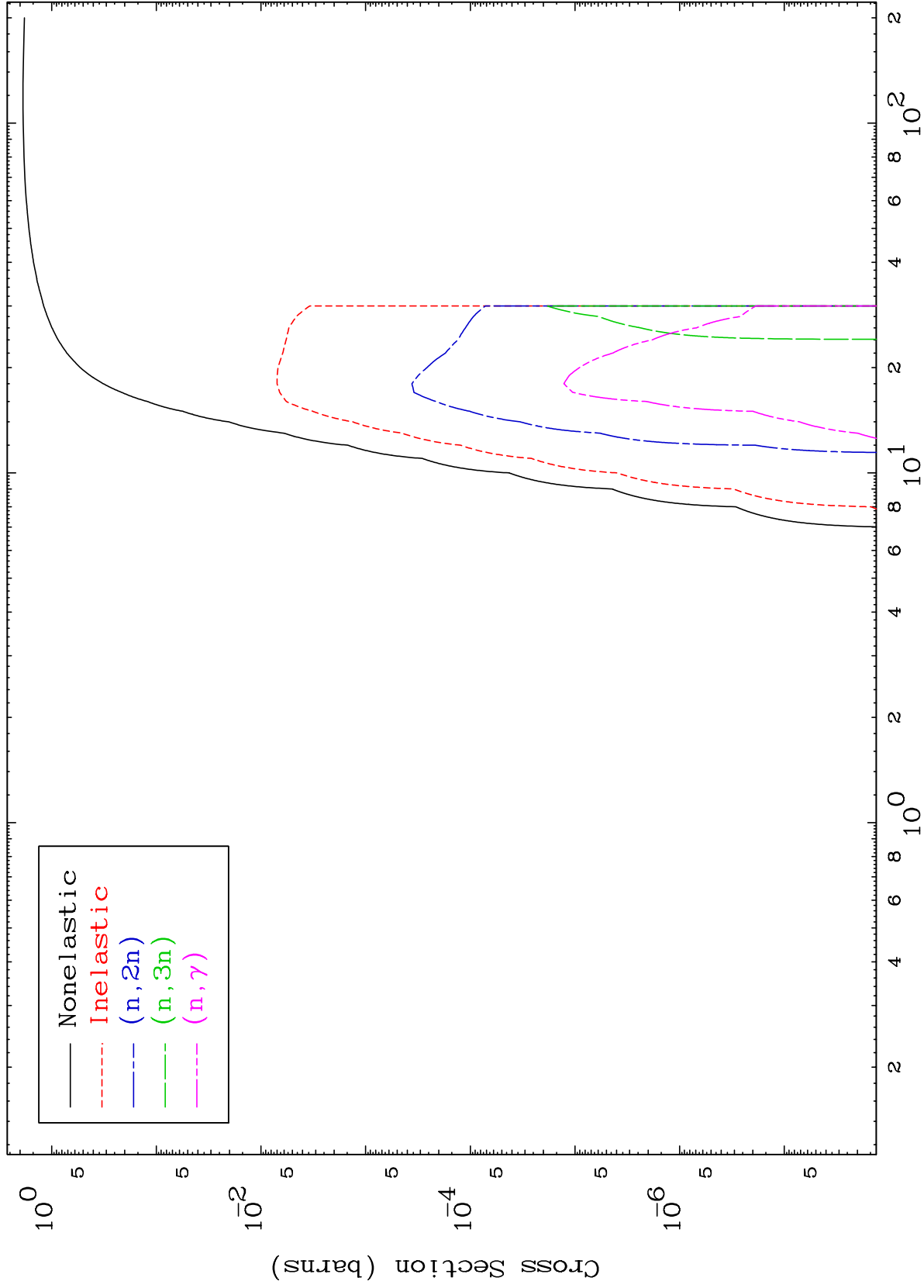
Press Mouse Button to Start

MAT 5410

He-3 Major

54-Xe-119

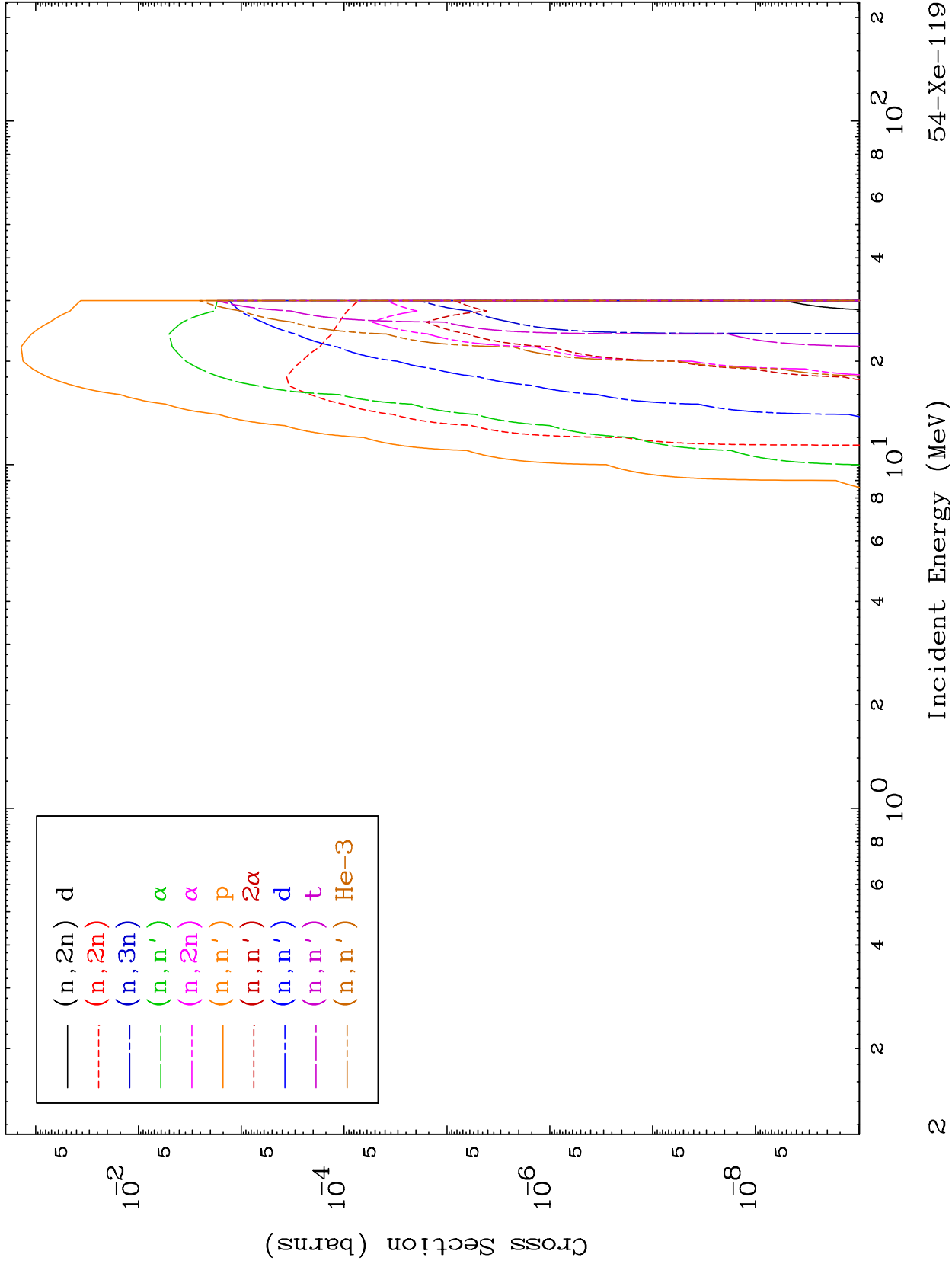
0 Kelvin Cross Sections



MAT 5410

He-3 Neutron Absorption  
0 Kelvin Cross Sections

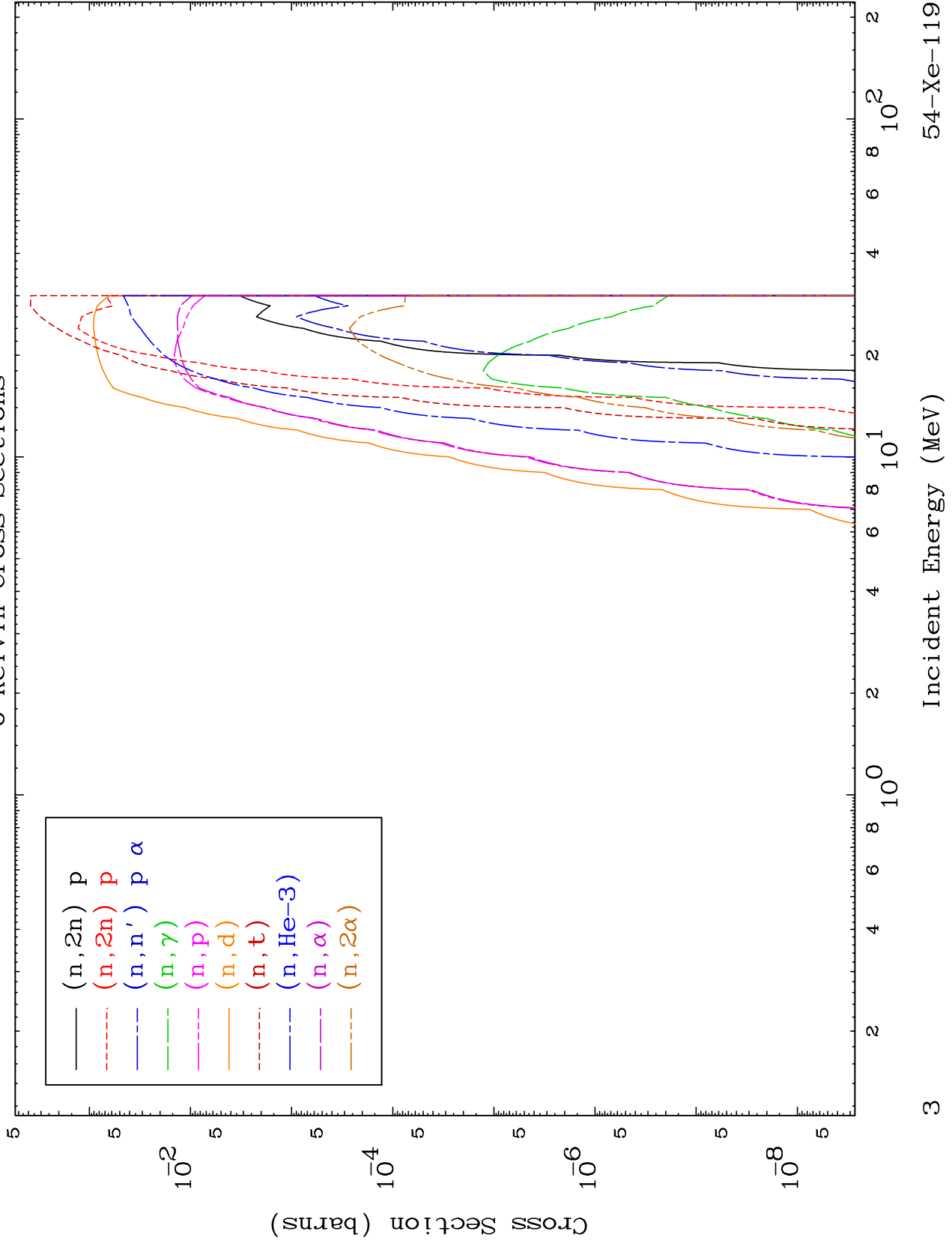
54-Xe-119



MAT 5410

He-3 Neutron Absorption  
0 Kelvin Cross Sections

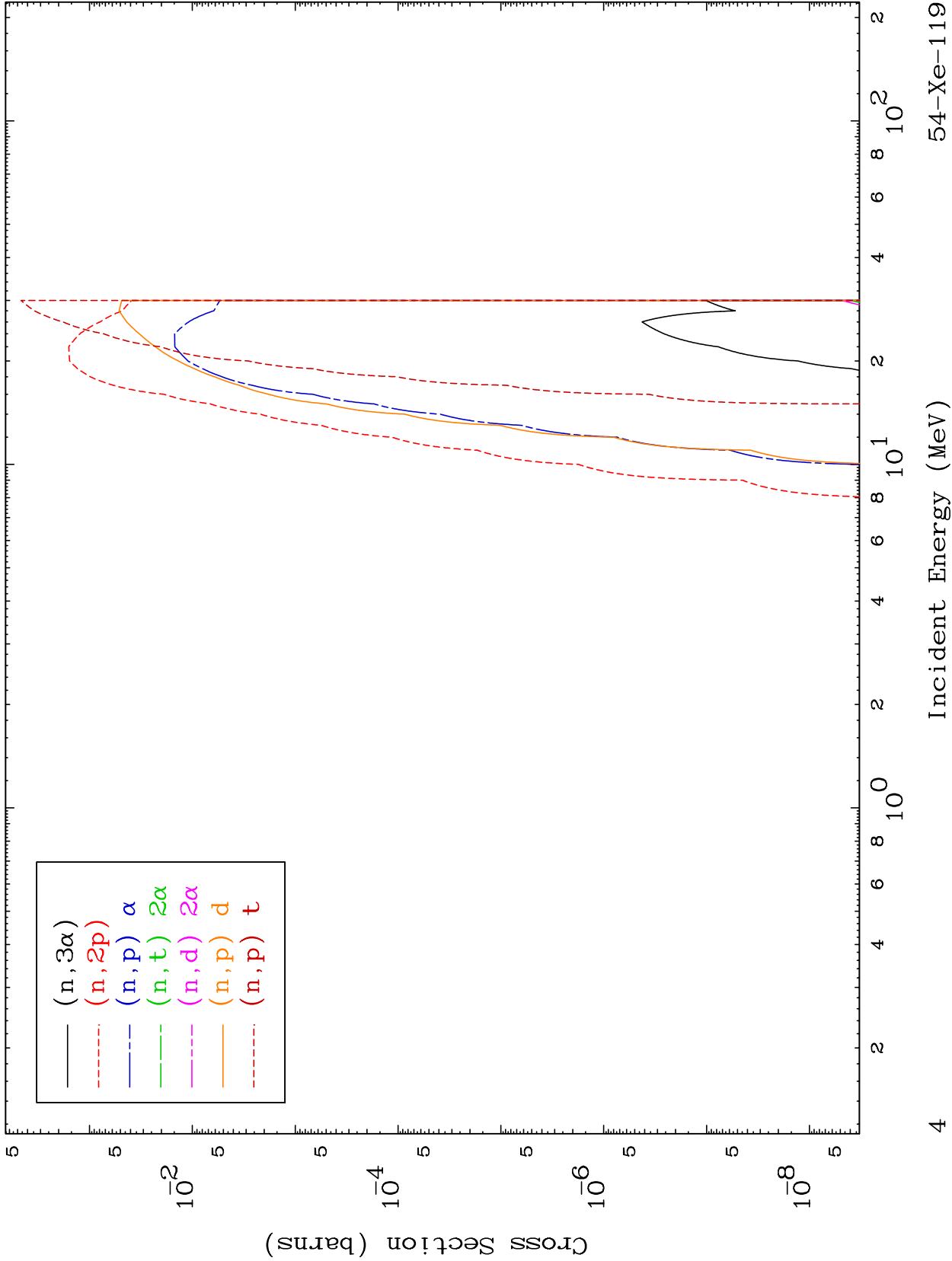
54-Xe-119



MAT 5410

He-3 Neutron Absorption  
0 Kelvin Cross Sections

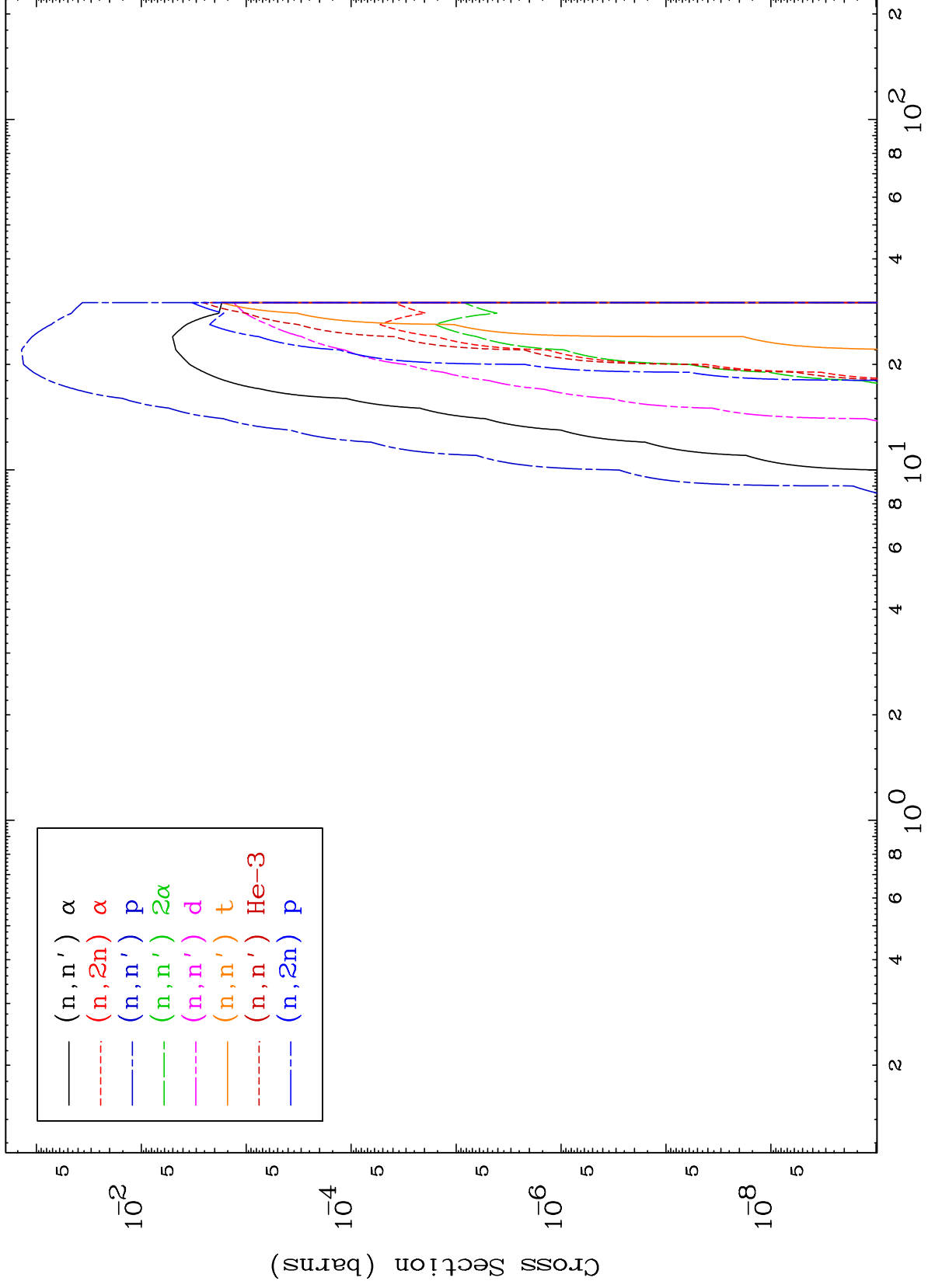
54-Xe-119



MAT 5410

He-3 Charged Particle  
0 Kelvin Cross Sections

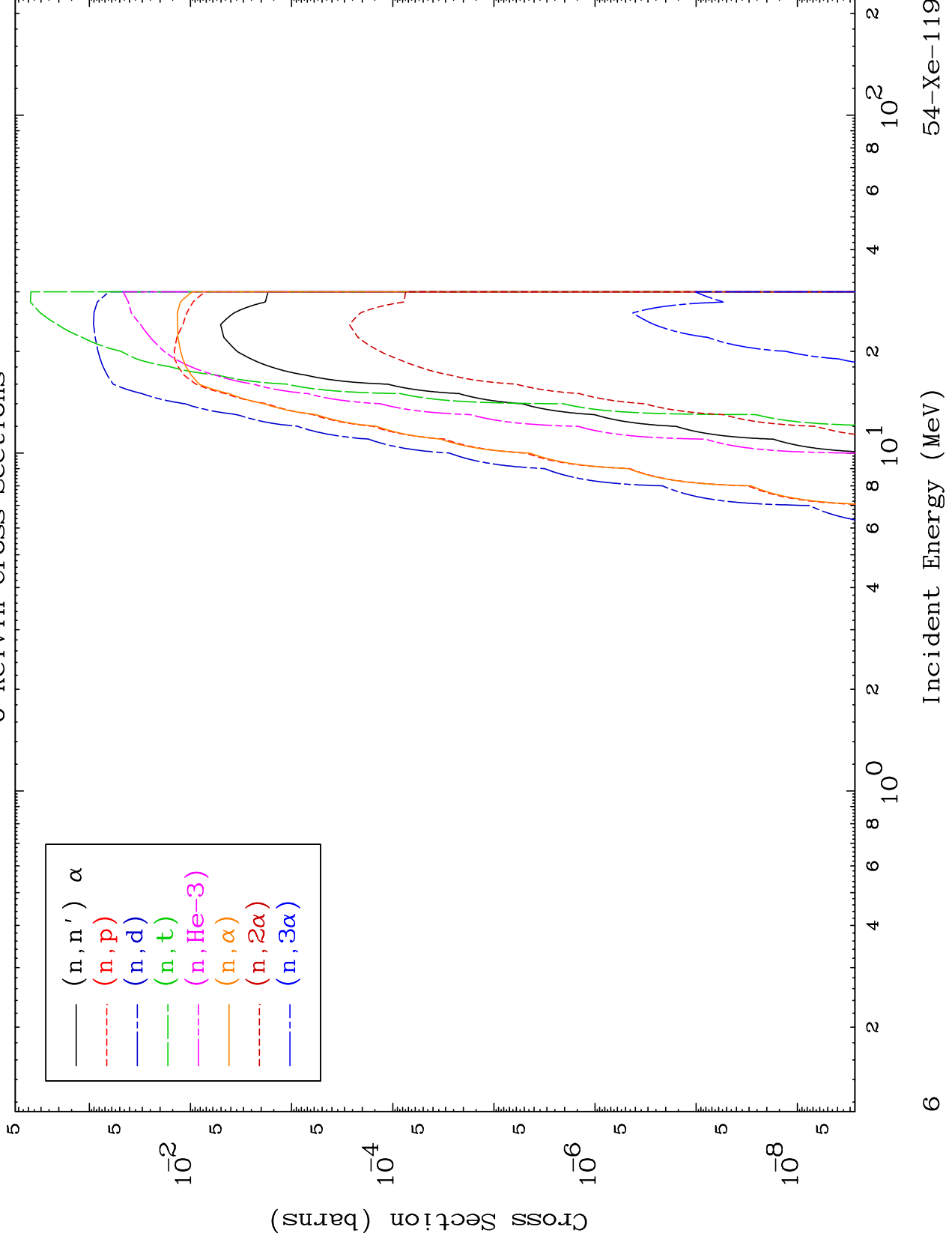
54-Xe-119



MAT 5410

He-3 Charged Particle  
0 Kelvin Cross Sections

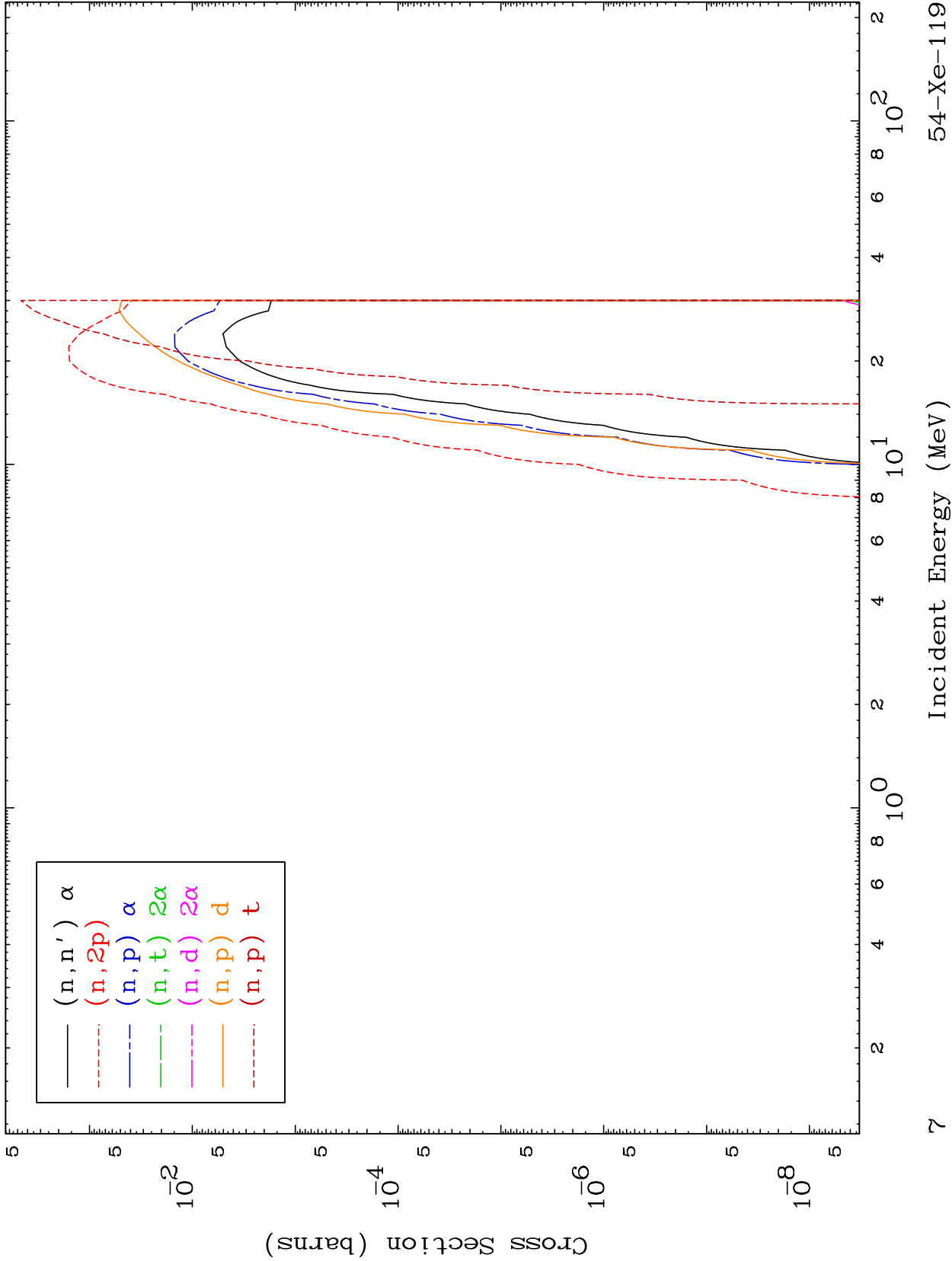
54-Xe-119



MAT 5410

He-3 Charged Particle  
0 Kelvin Cross Sections

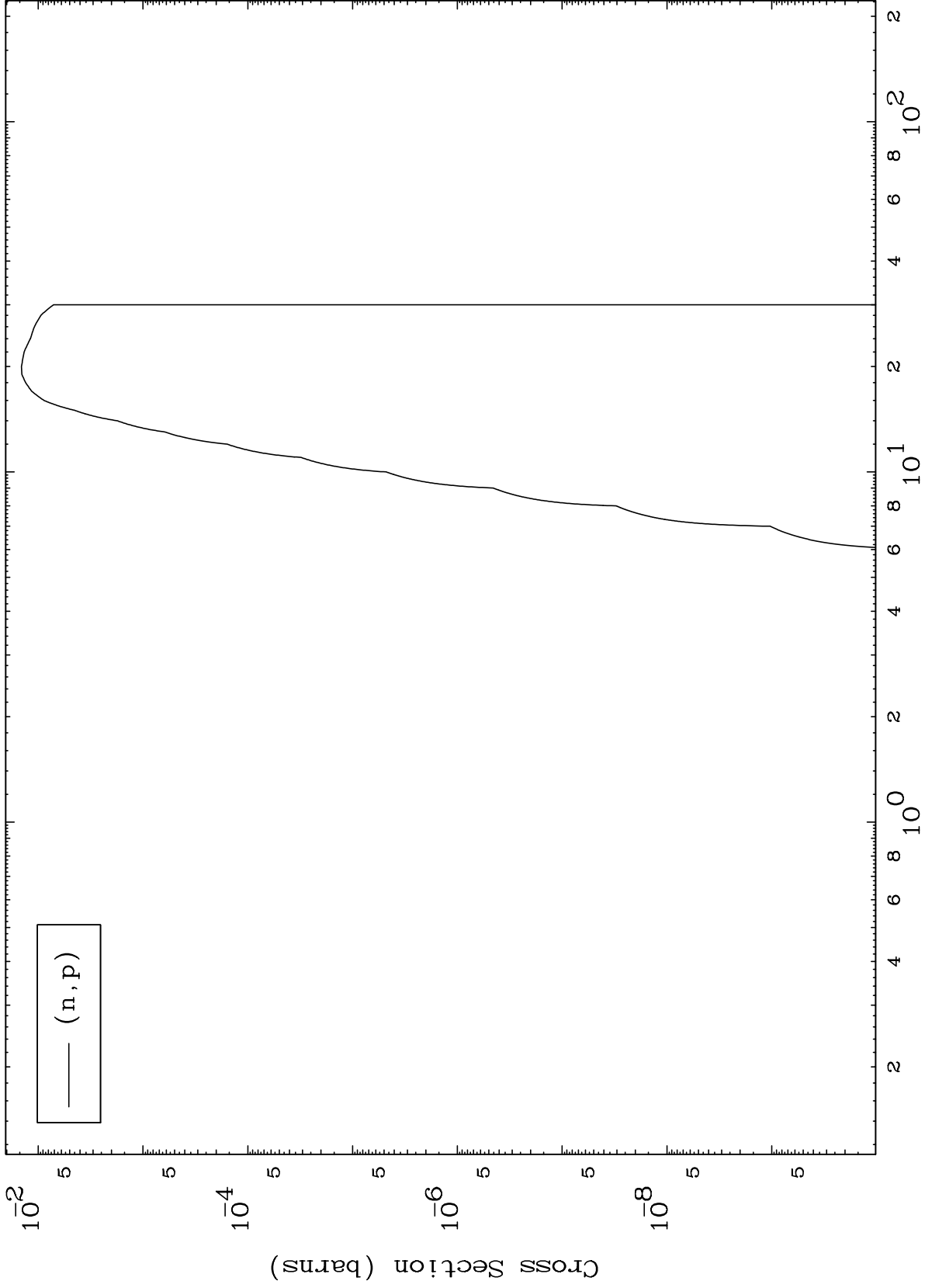
54-Xe-119



MAT 5410

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

54-Xe-119



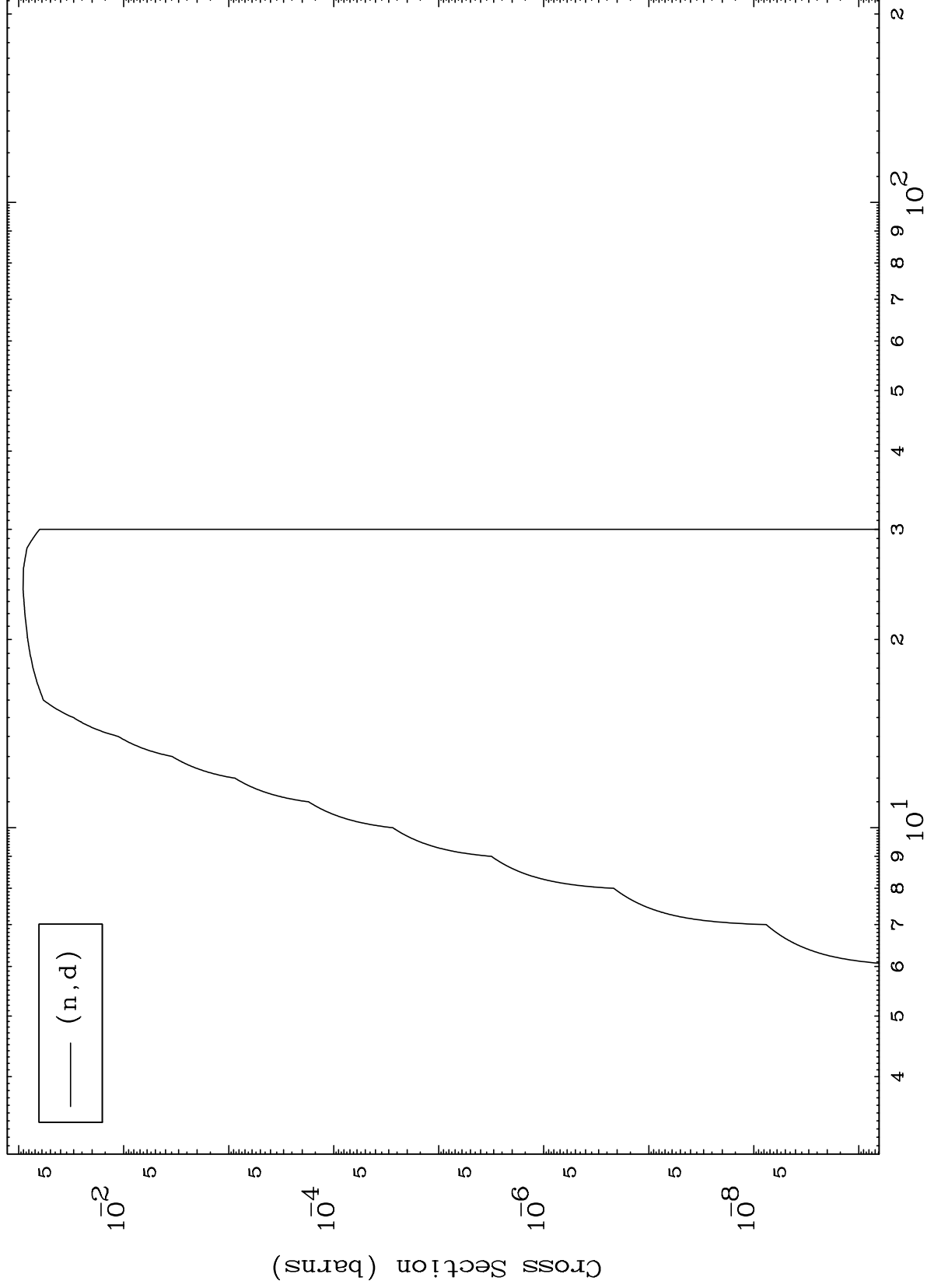
(n,p)

MAT 5410

(He-3,d) Levels

54-Xe-119

0 Kelvin Cross Sections



9

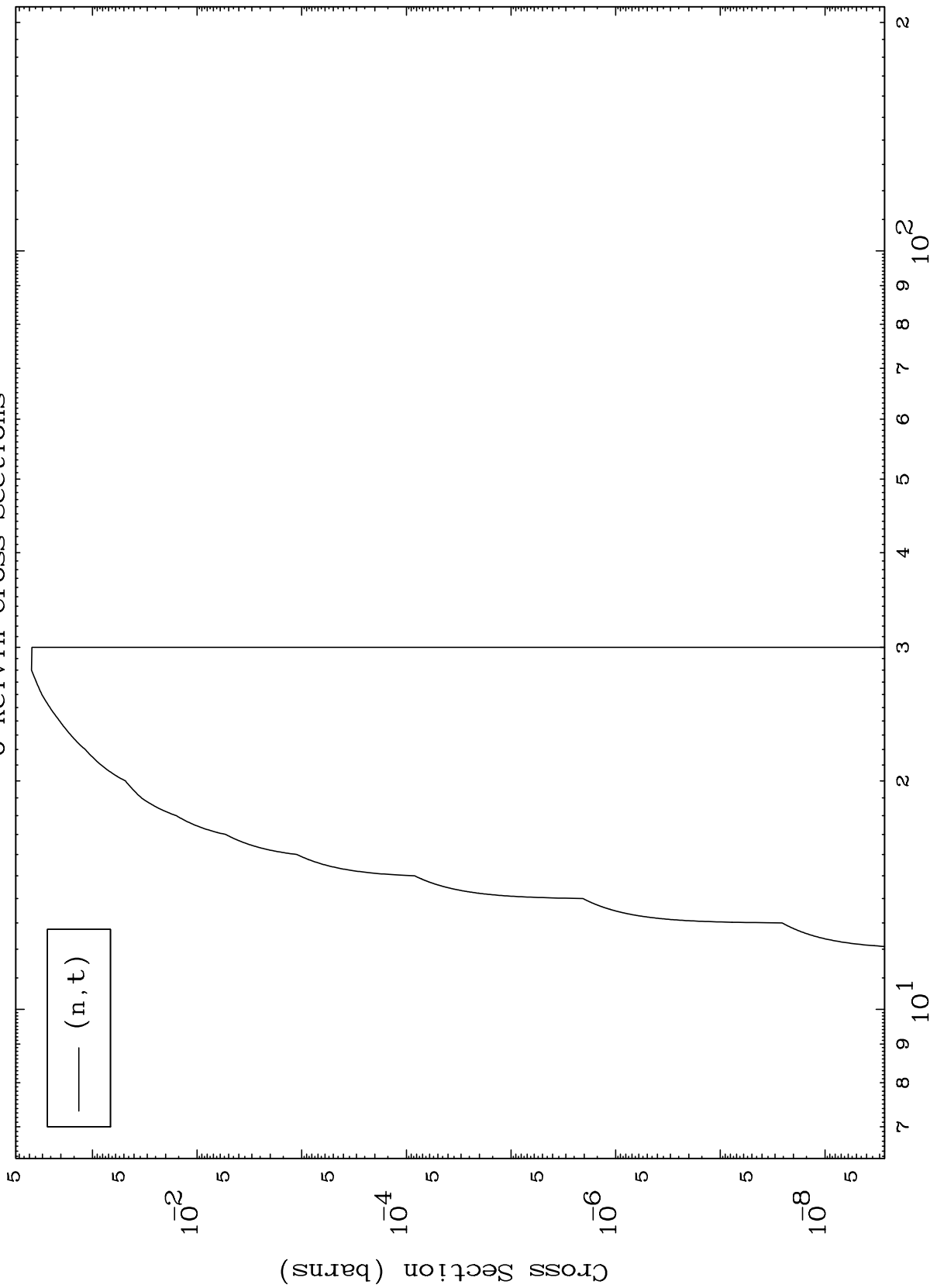
Incident Energy (MeV)

54-Xe-119

MAT 5410

54-Xe-119

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



54-Xe-119

Incident Energy (MeV)

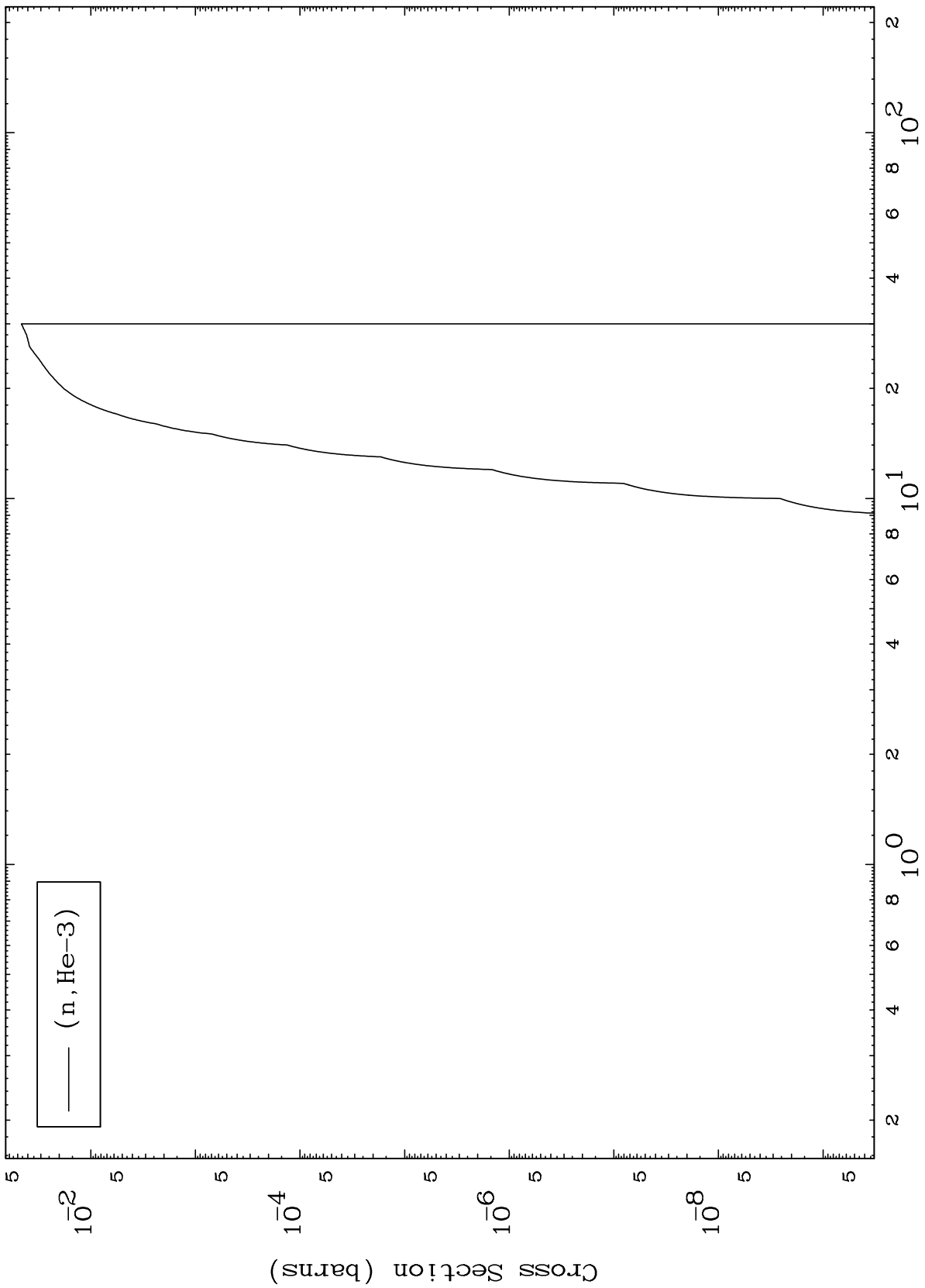
10

MAT 5410

(He-3, He3) Levels

54-Xe-119

0 Kelvin Cross Sections



11

Incident Energy (MeV)

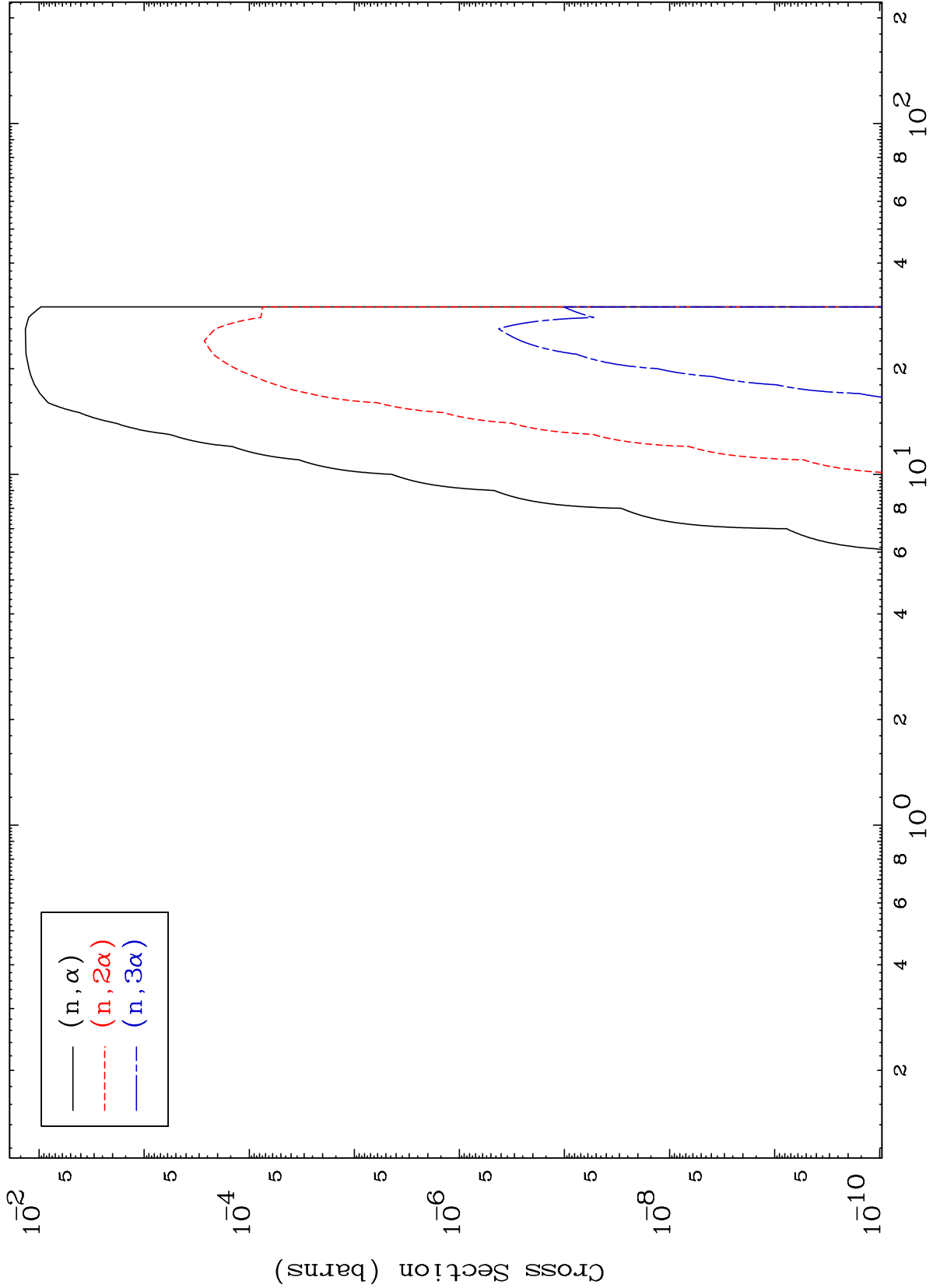
54-Xe-119

MAT 5410

(He-3,  $\alpha$ ) Levels

54-Xe-119

0 Kelvin Cross Sections

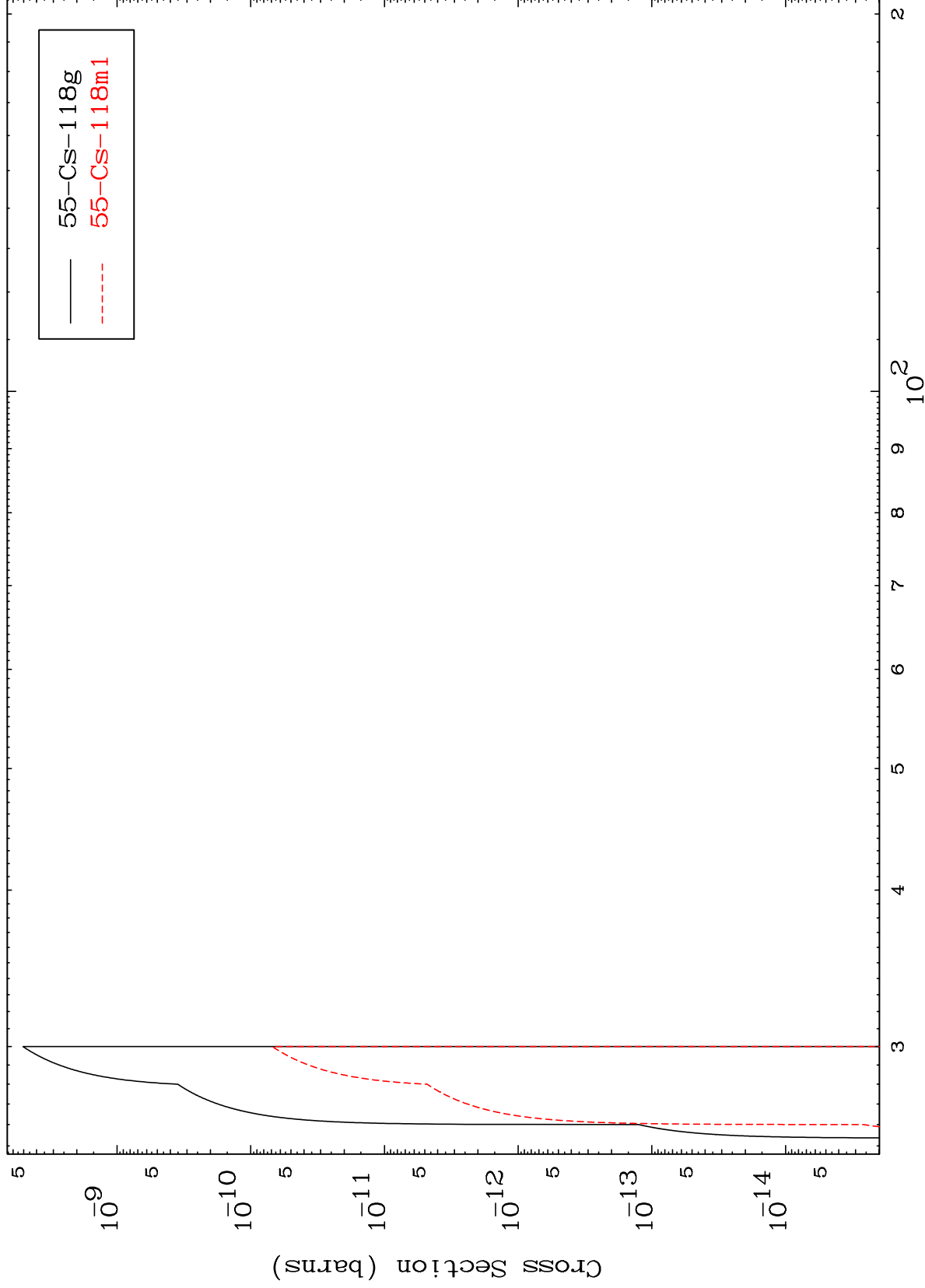


MAT 5410

(n,2n) d

54-Xe-119

Radionuclide Production Cross Section



13

Incident Energy (MeV)

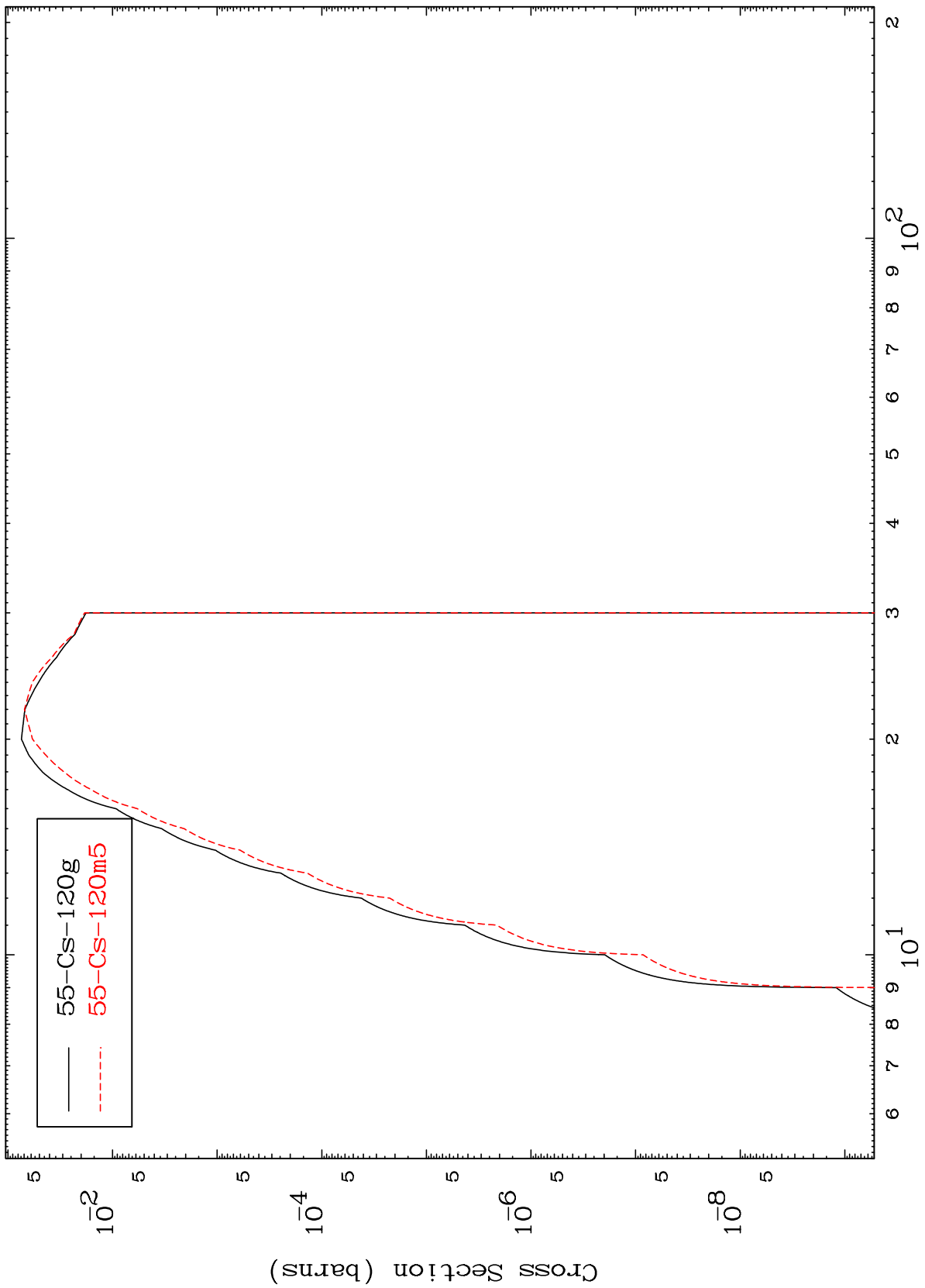
54-Xe-119

MAT 5410

(n,n') p

54-Xe-119

Radionuclide Production Cross Section



14

Incident Energy (MeV)

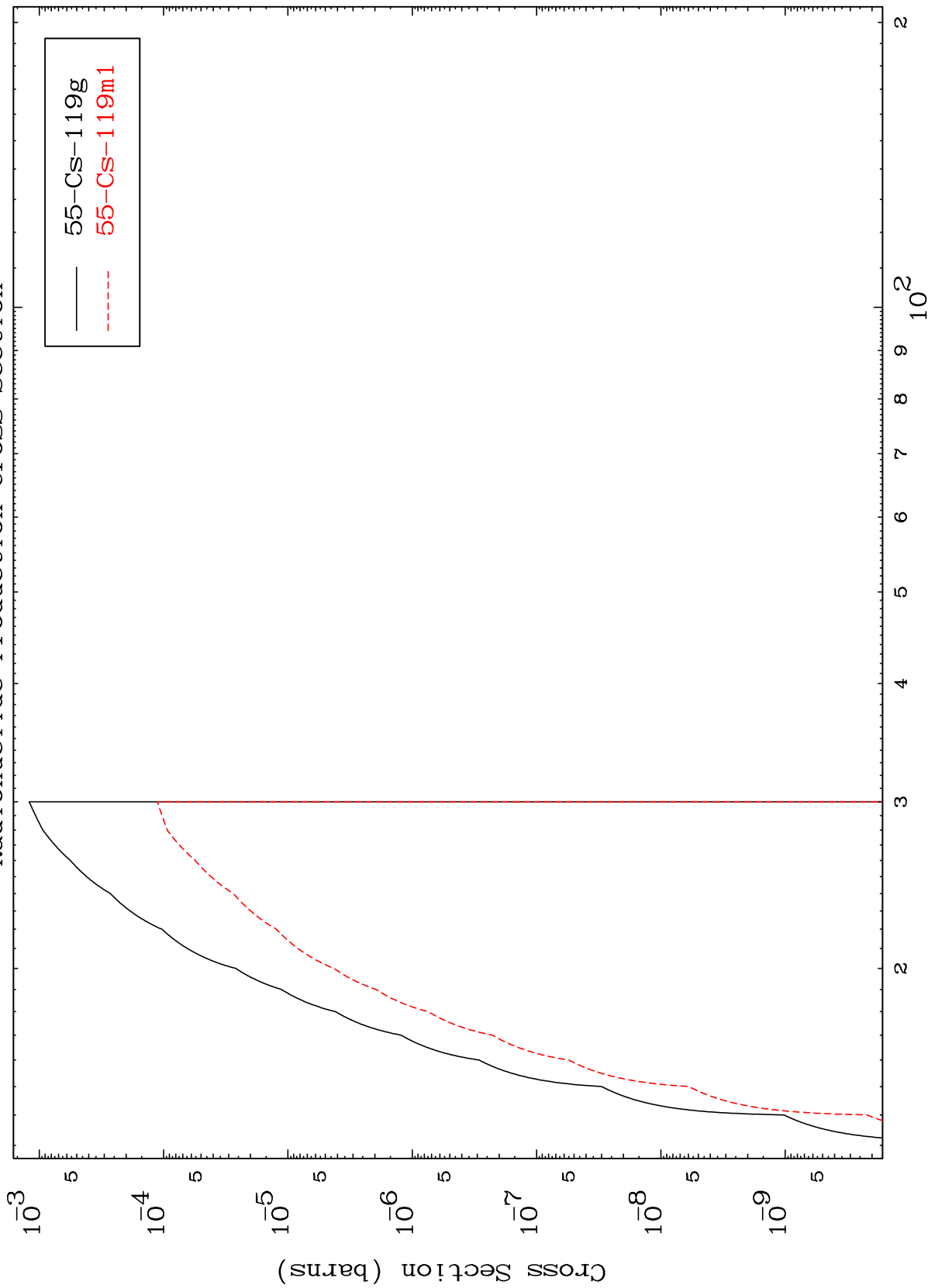
54-Xe-119

MAT 5410

(n,n') d

54-Xe-119

Radionuclide Production Cross Section



15

Incident Energy (MeV)

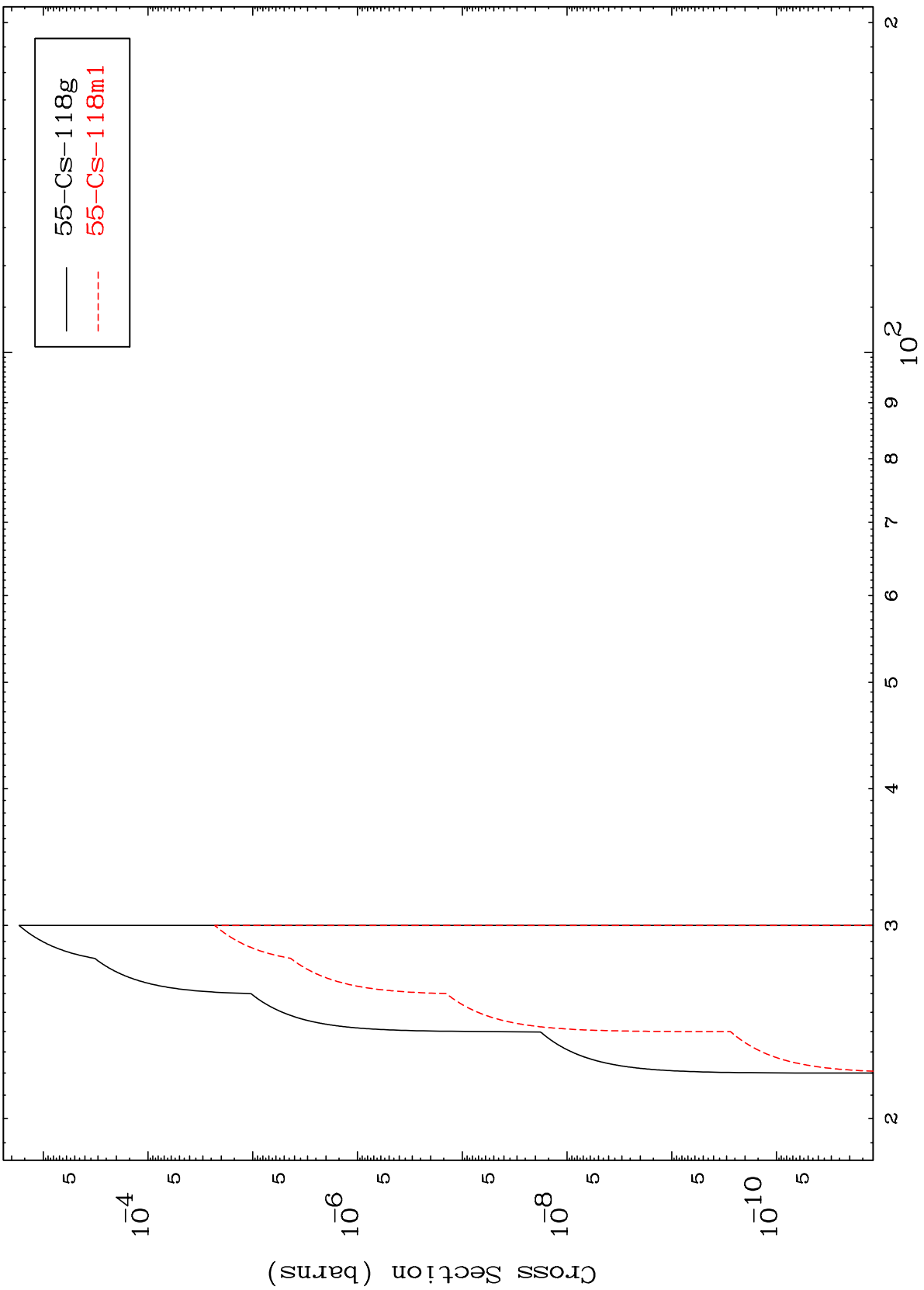
54-Xe-119

MAT 5410

(n,n') t

54-Xe-119

Radionuclide Production Cross Section



16

Incident Energy (MeV)

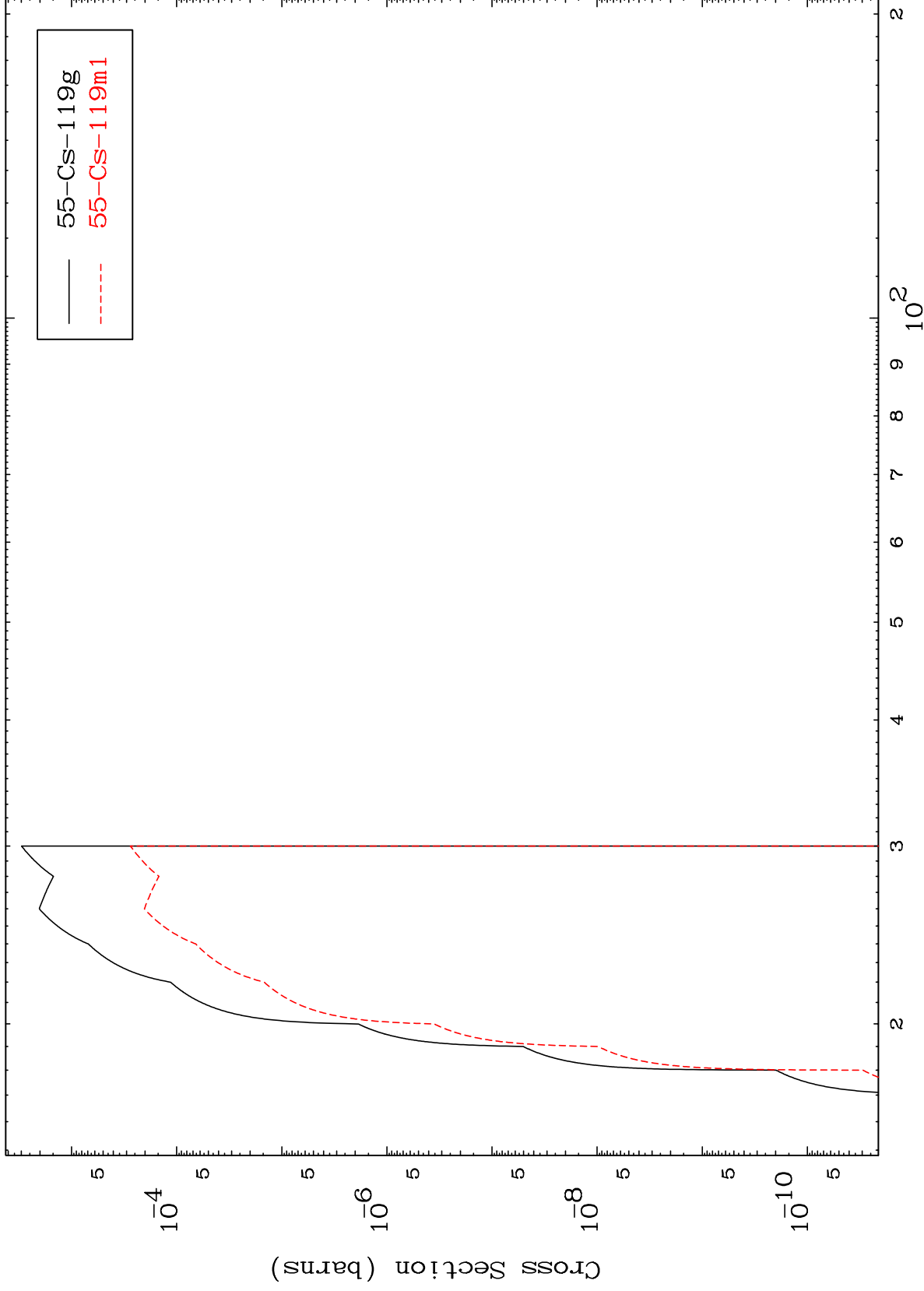
54-Xe-119

MAT 5410

(n,2n) p

54-Xe-119

Radionuclide Production Cross Section



17

Incident Energy (MeV)

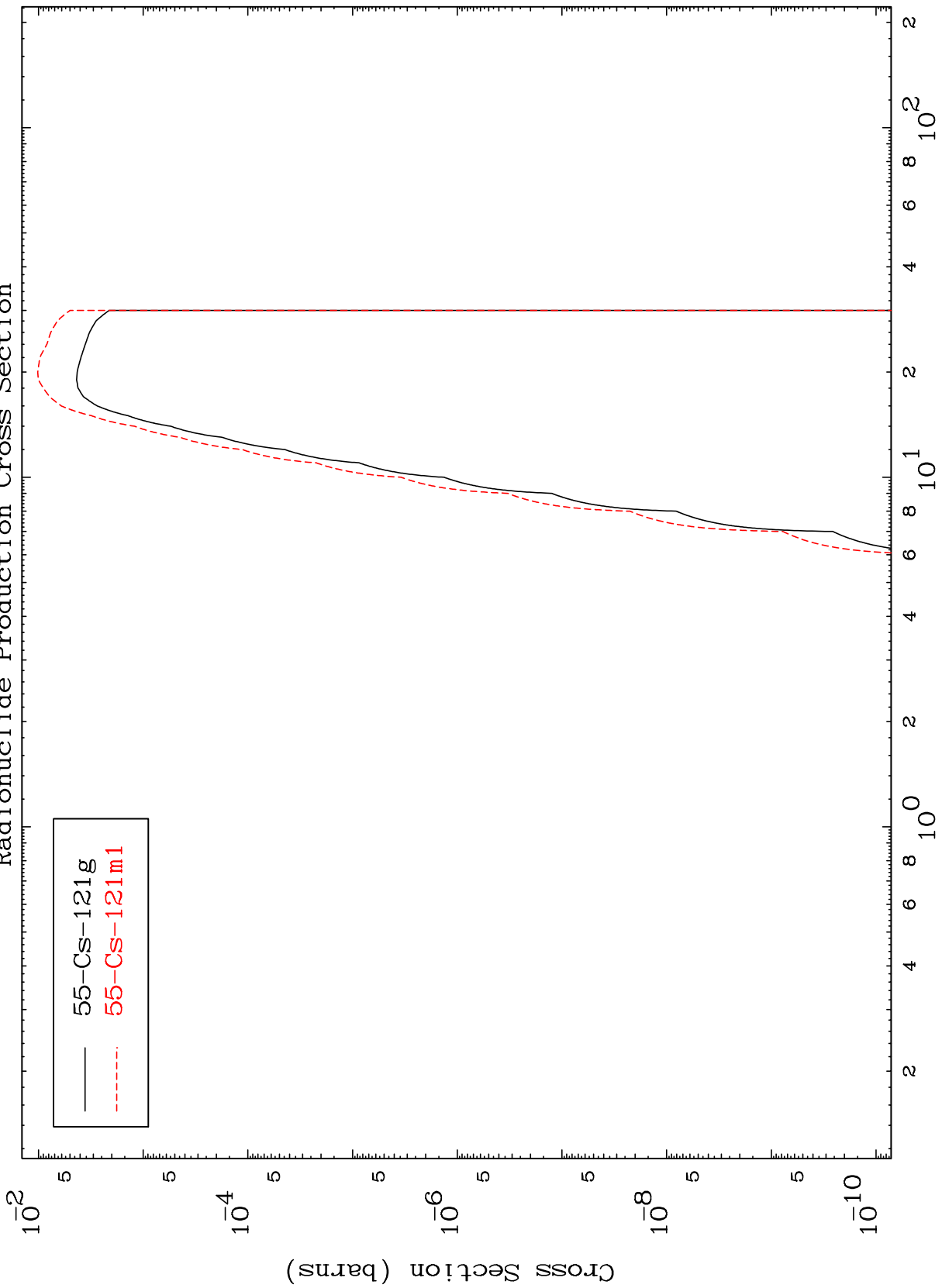
54-Xe-119

MAT 5410

(n,p)

54-Xe-119

Radionuclide Production Cross Section

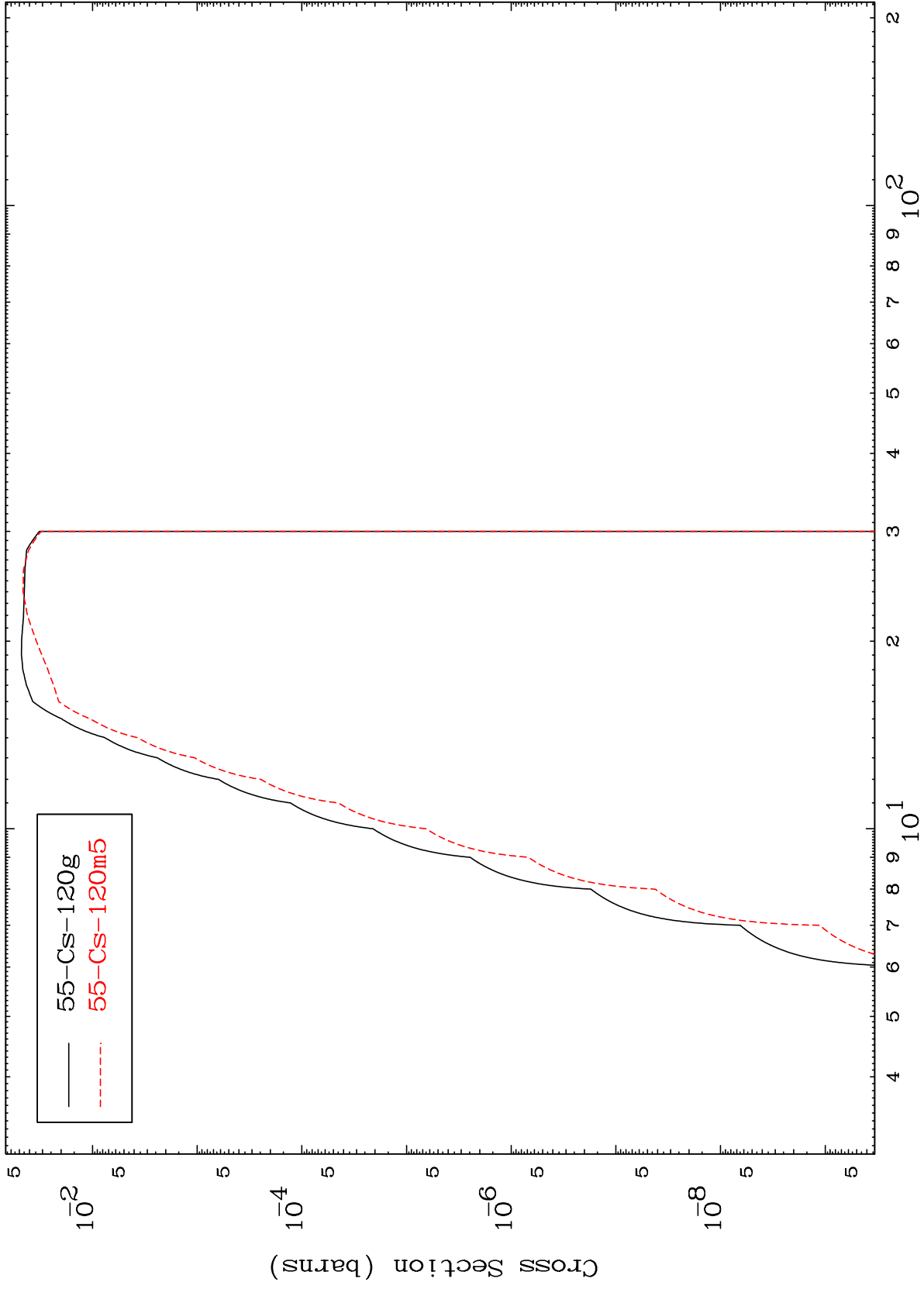


55-Cs-121g  
55-Cs-121m1

MAT 5410

54-Xe-119

(n,d)  
Radionuclide Production Cross Section



54-Xe-119

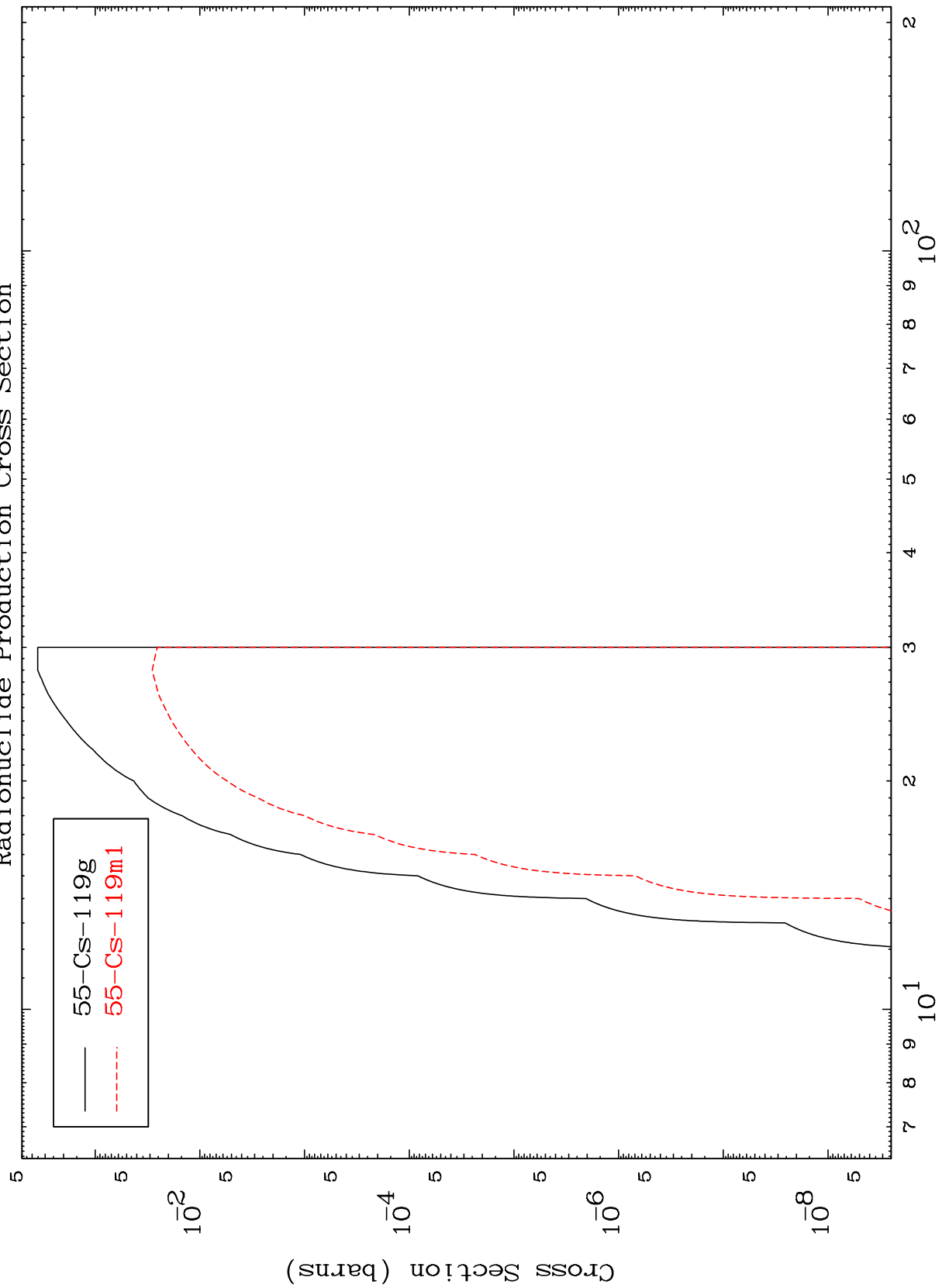
Incident Energy (MeV)

19

MAT 5410

54-Xe-119

(n, t)  
Radionuclide Production Cross Section



54-Xe-119

Incident Energy (MeV)

20