

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

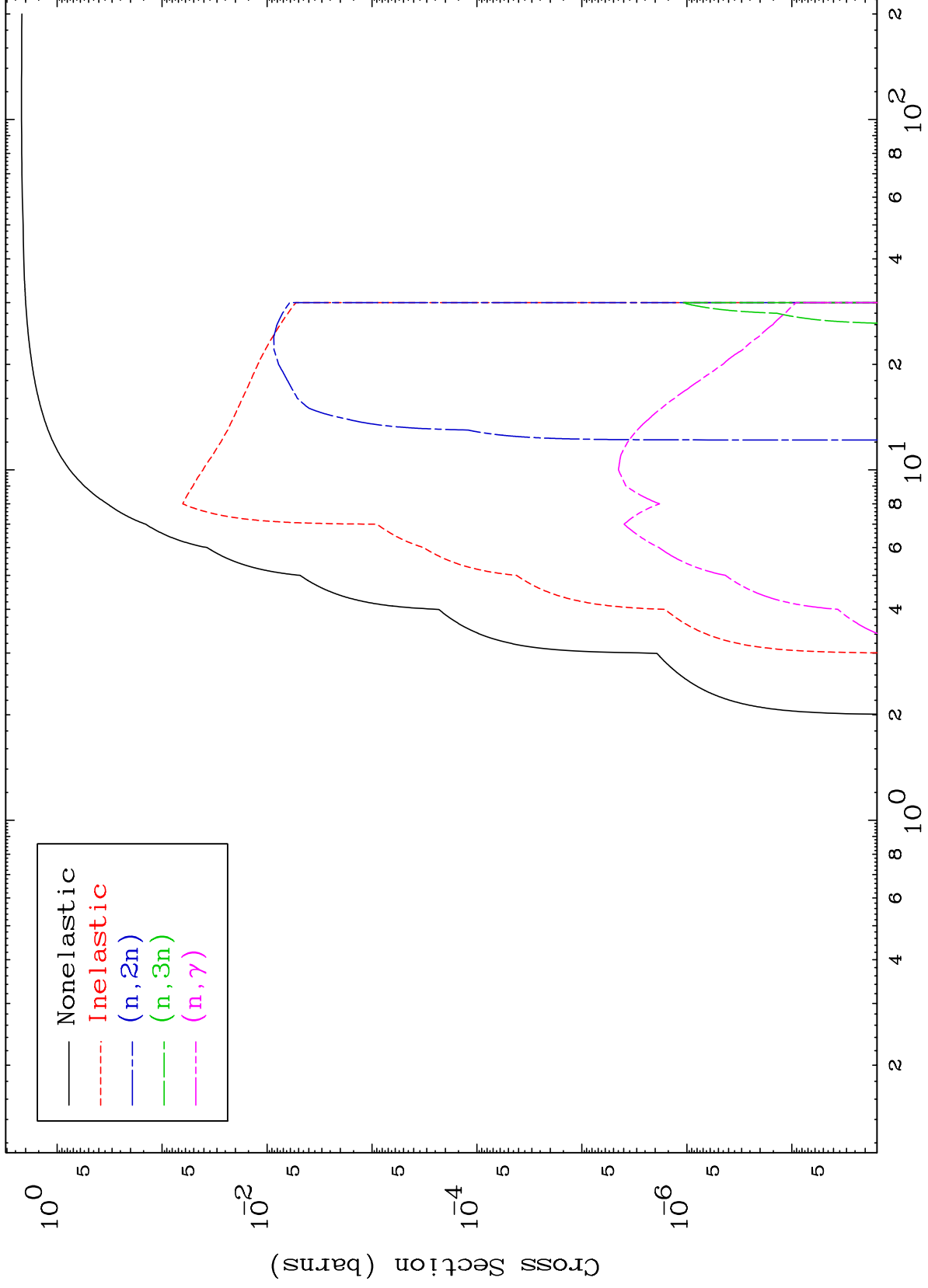
Web:redcullen1.net/HOMEPAGE.NEW

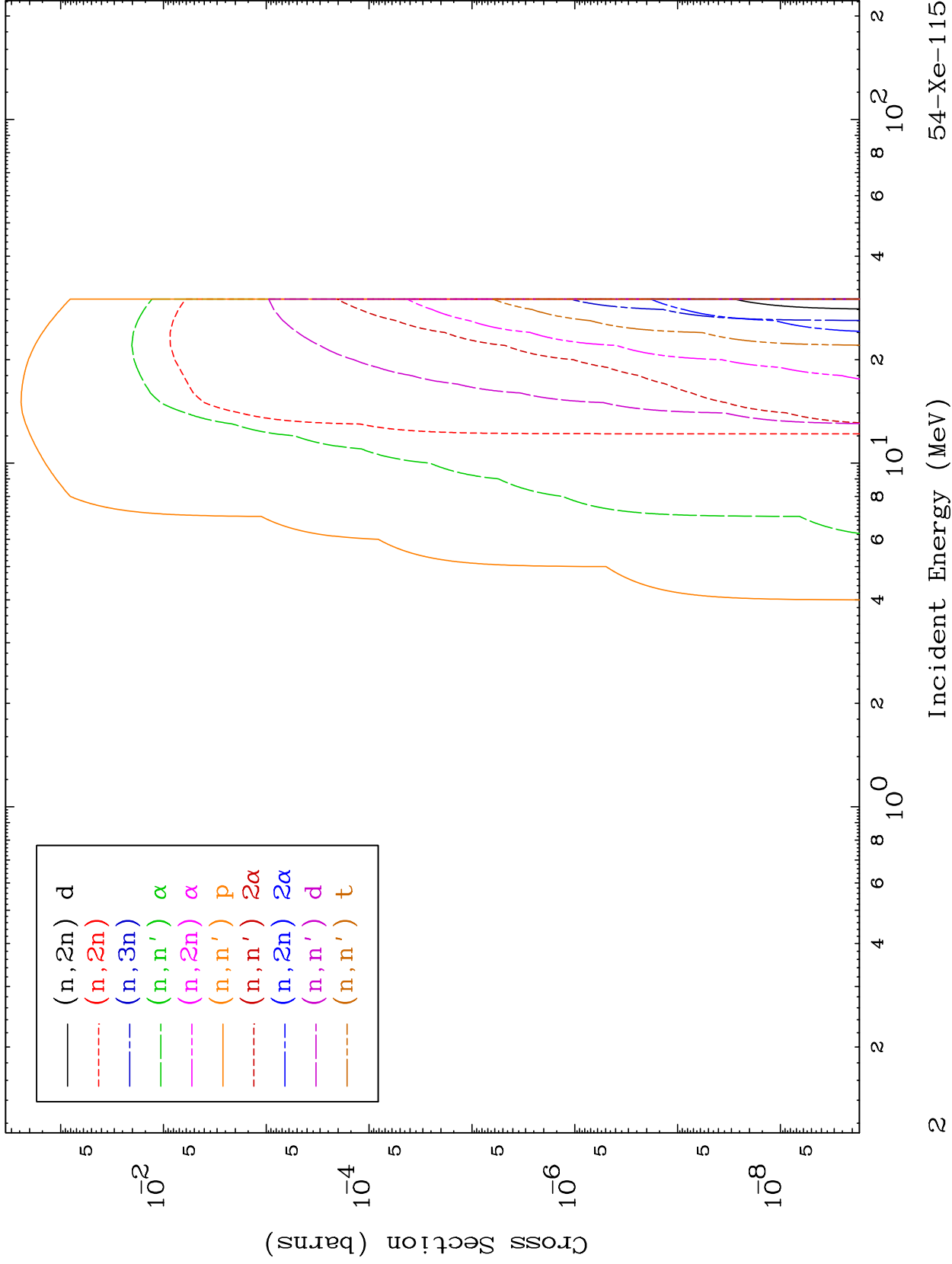
Press Mouse Button to Start

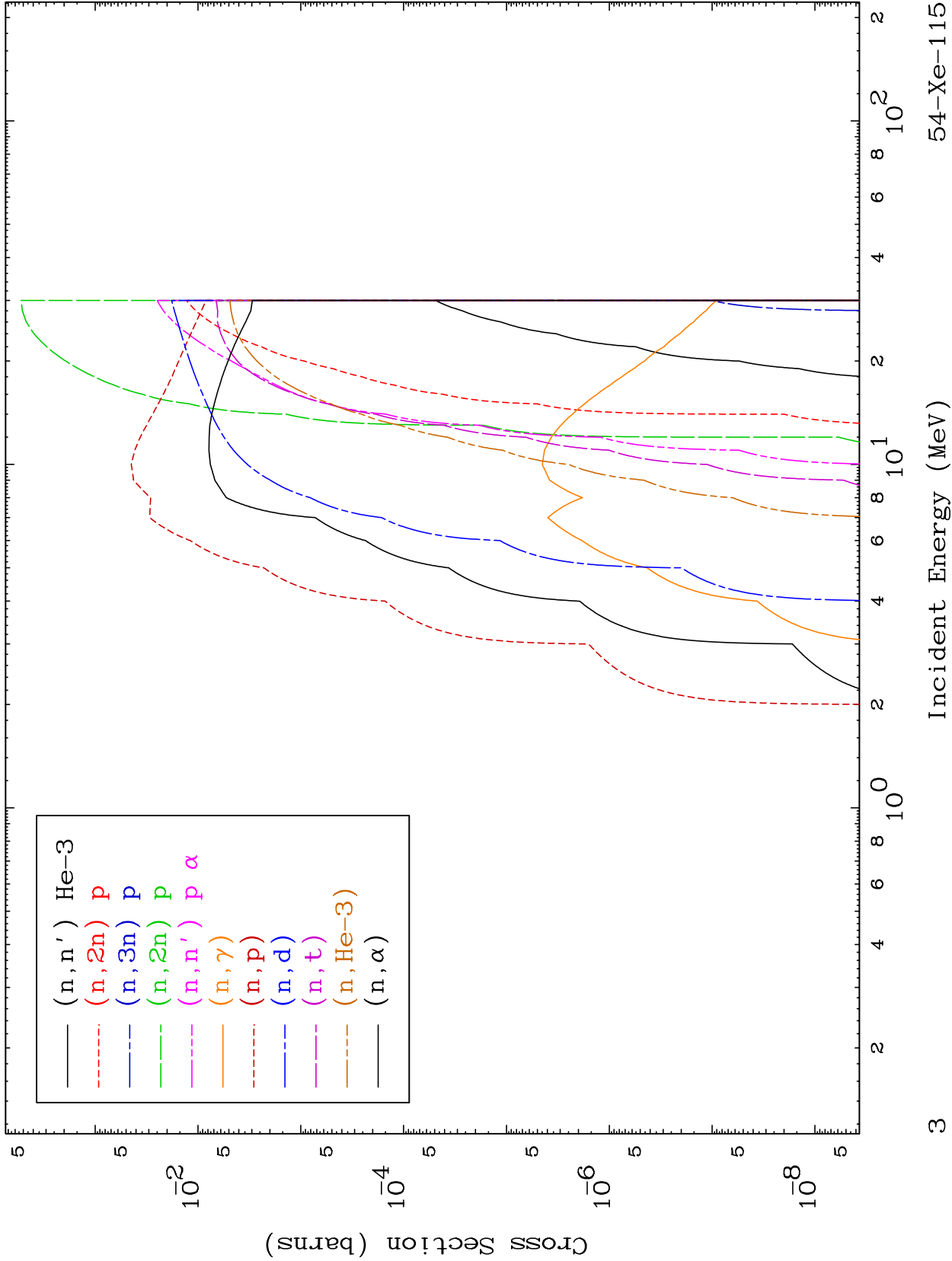
MAT 5398

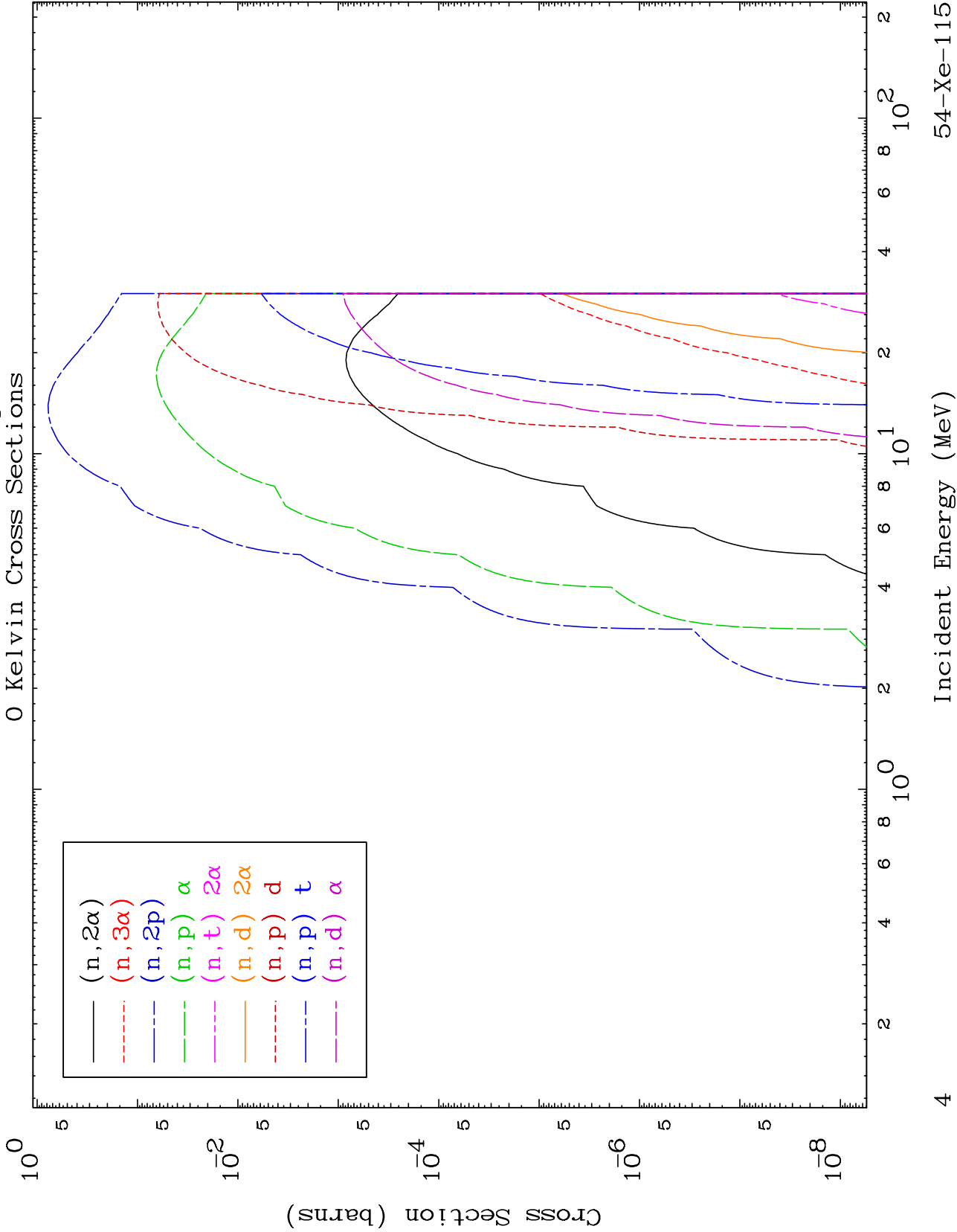
Deuteron Major  
0 Kelvin Cross Sections

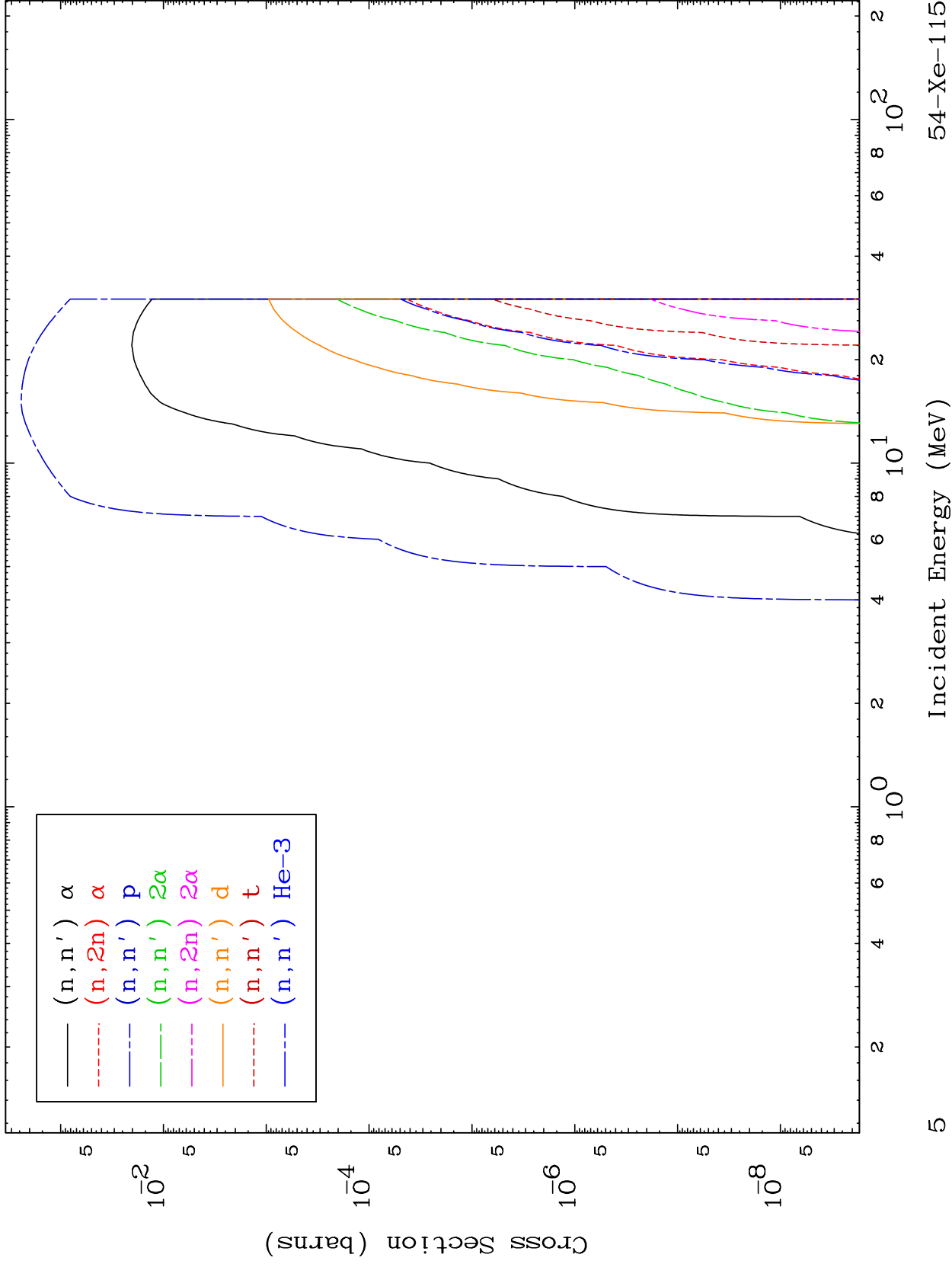
54-Xe-115

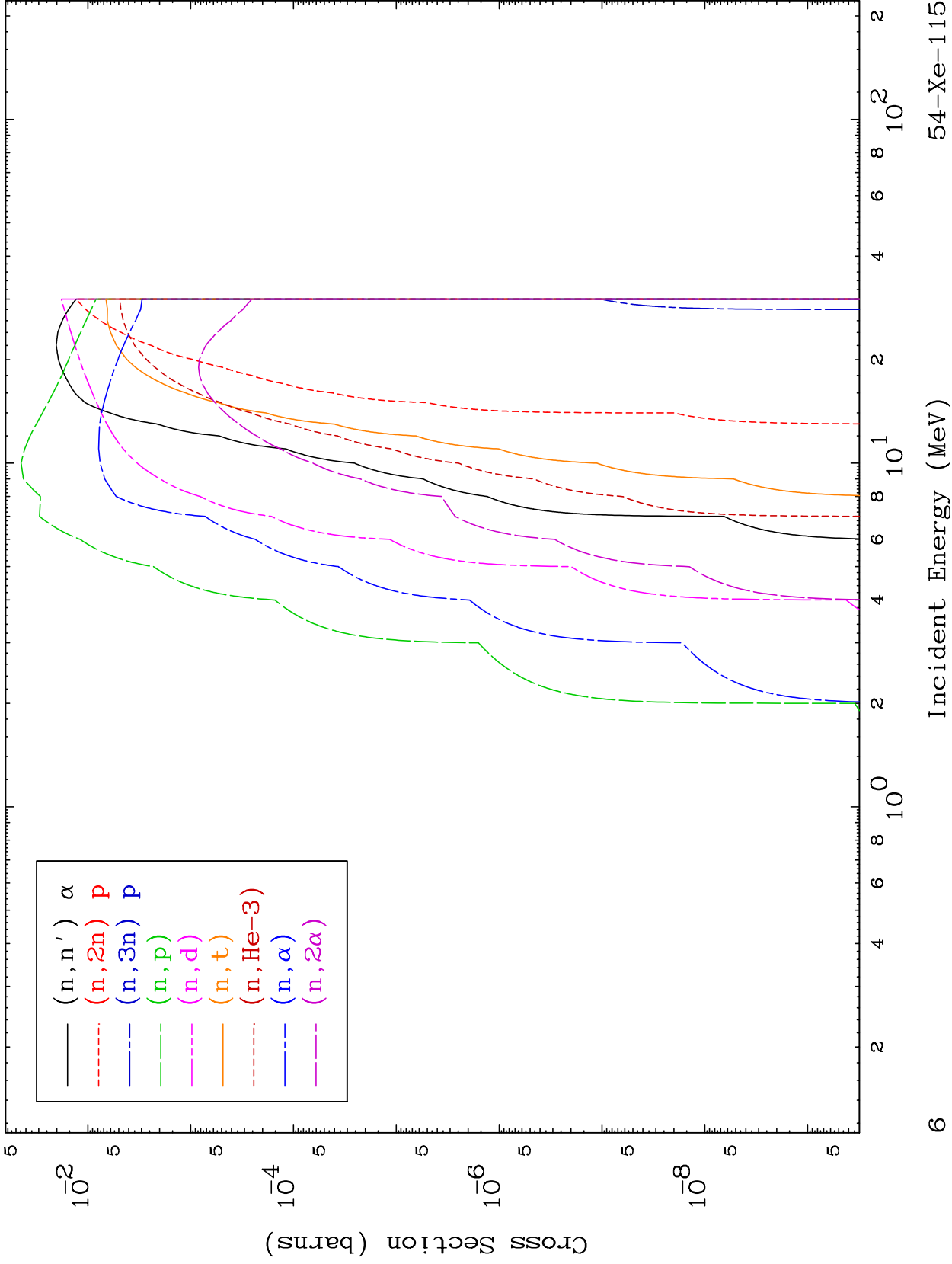








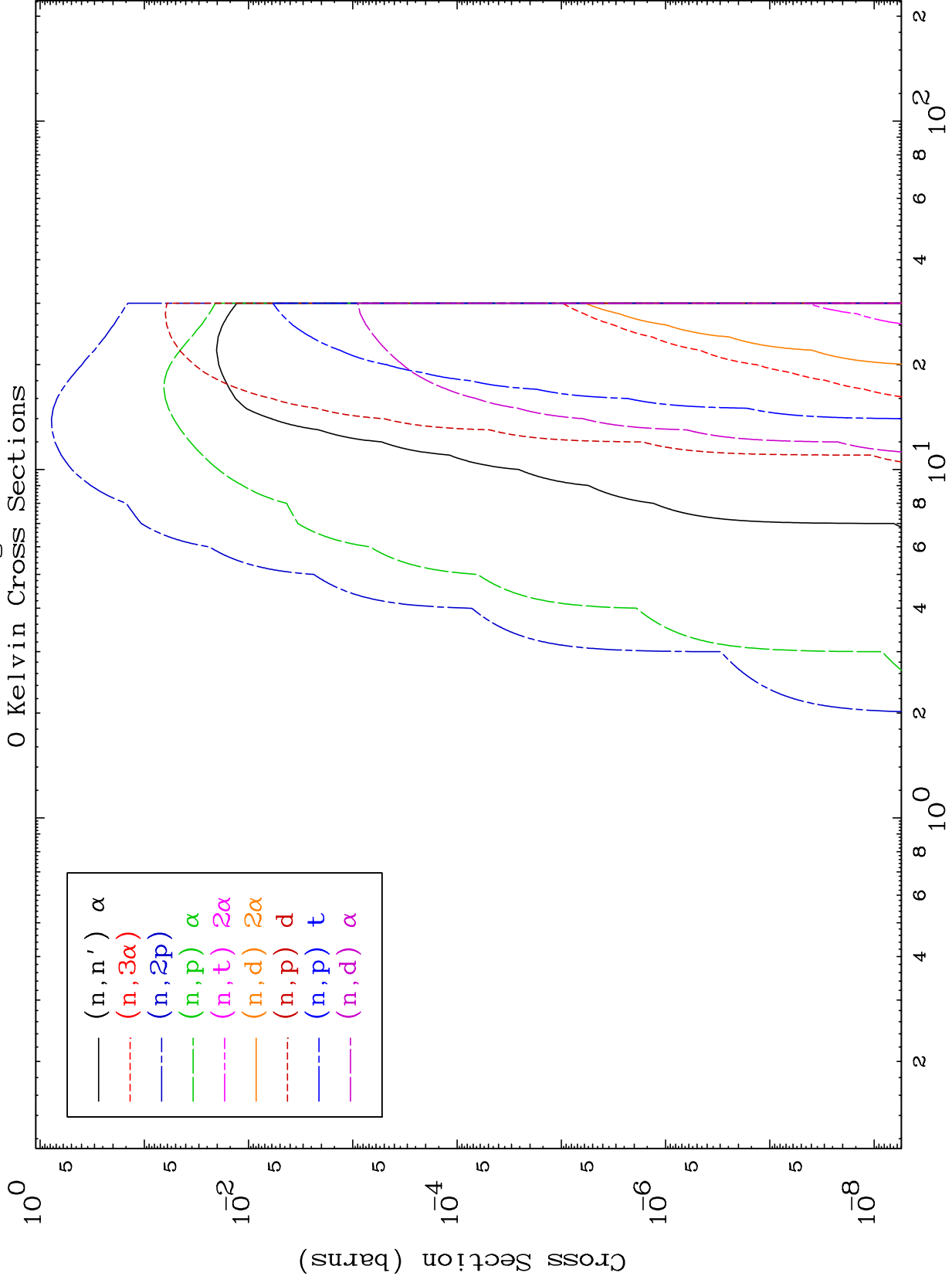




MAT 5398

Deuteron Charged Particle  
0 Kelvin Cross Sections

54-Xe-115

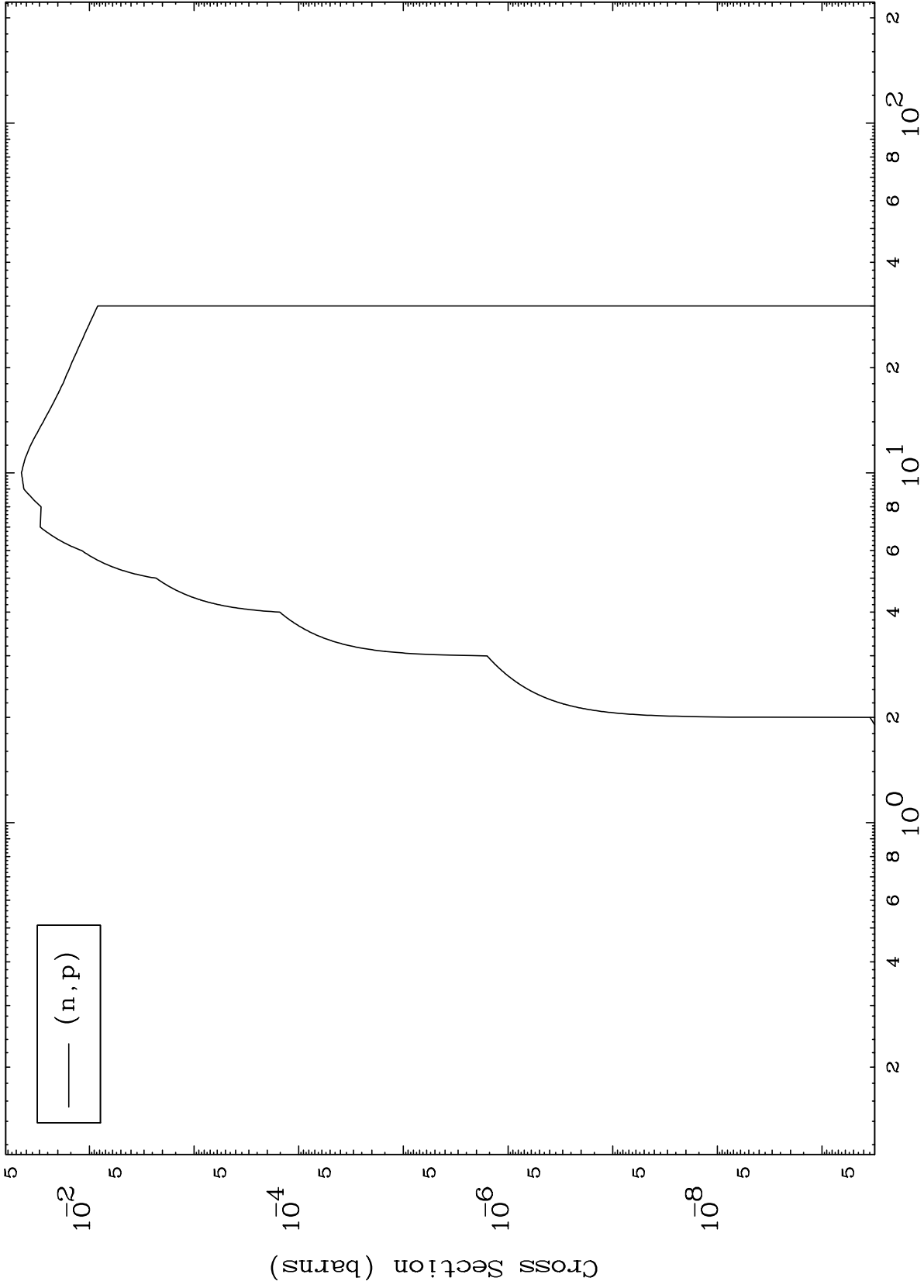




MAT 5398

54-Xe-115

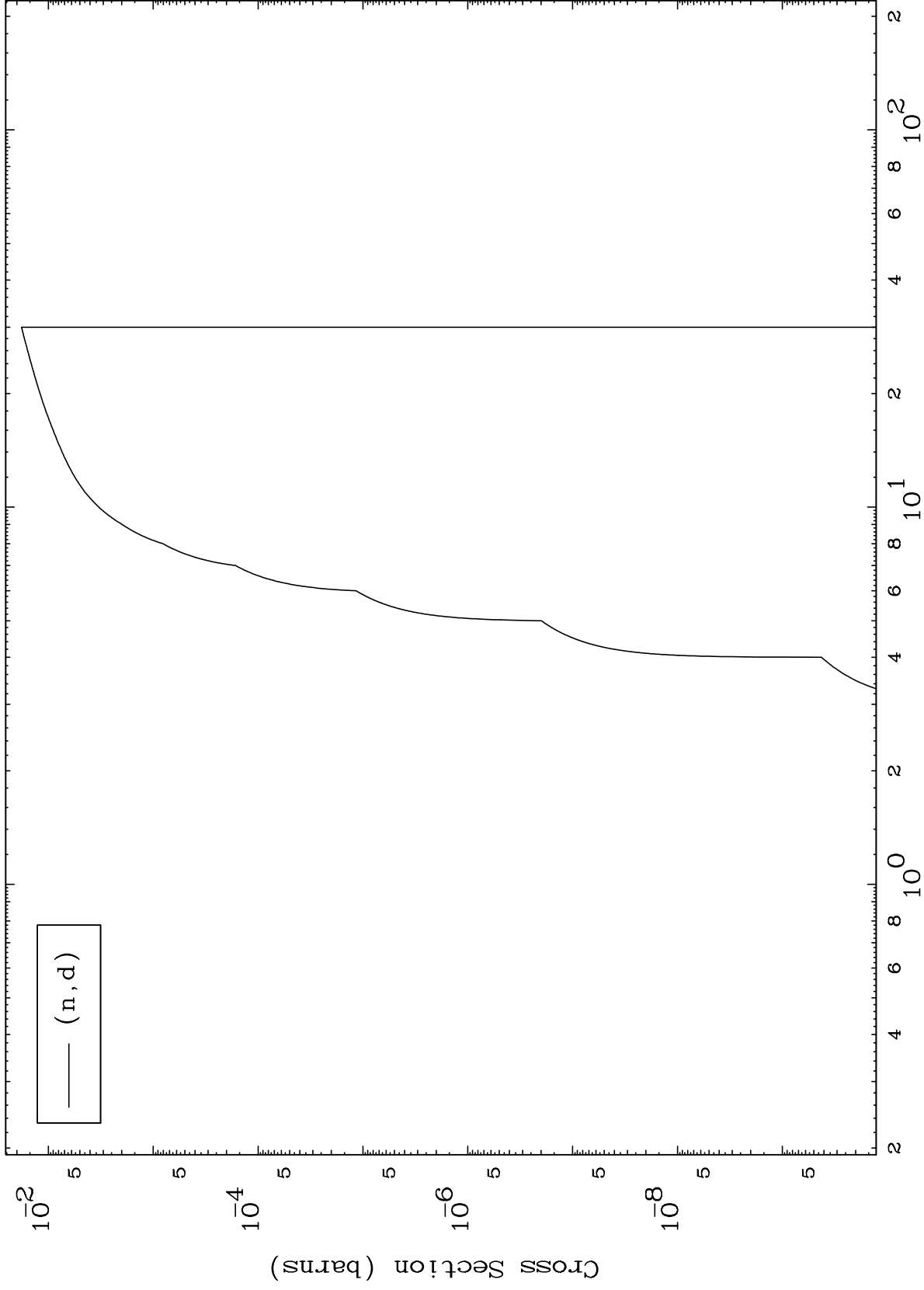
(d,p) Levels  
0 Kelvin Cross Sections



MAT 5398

54-Xe-115

(d,d) Levels  
0 Kelvin Cross Sections



9

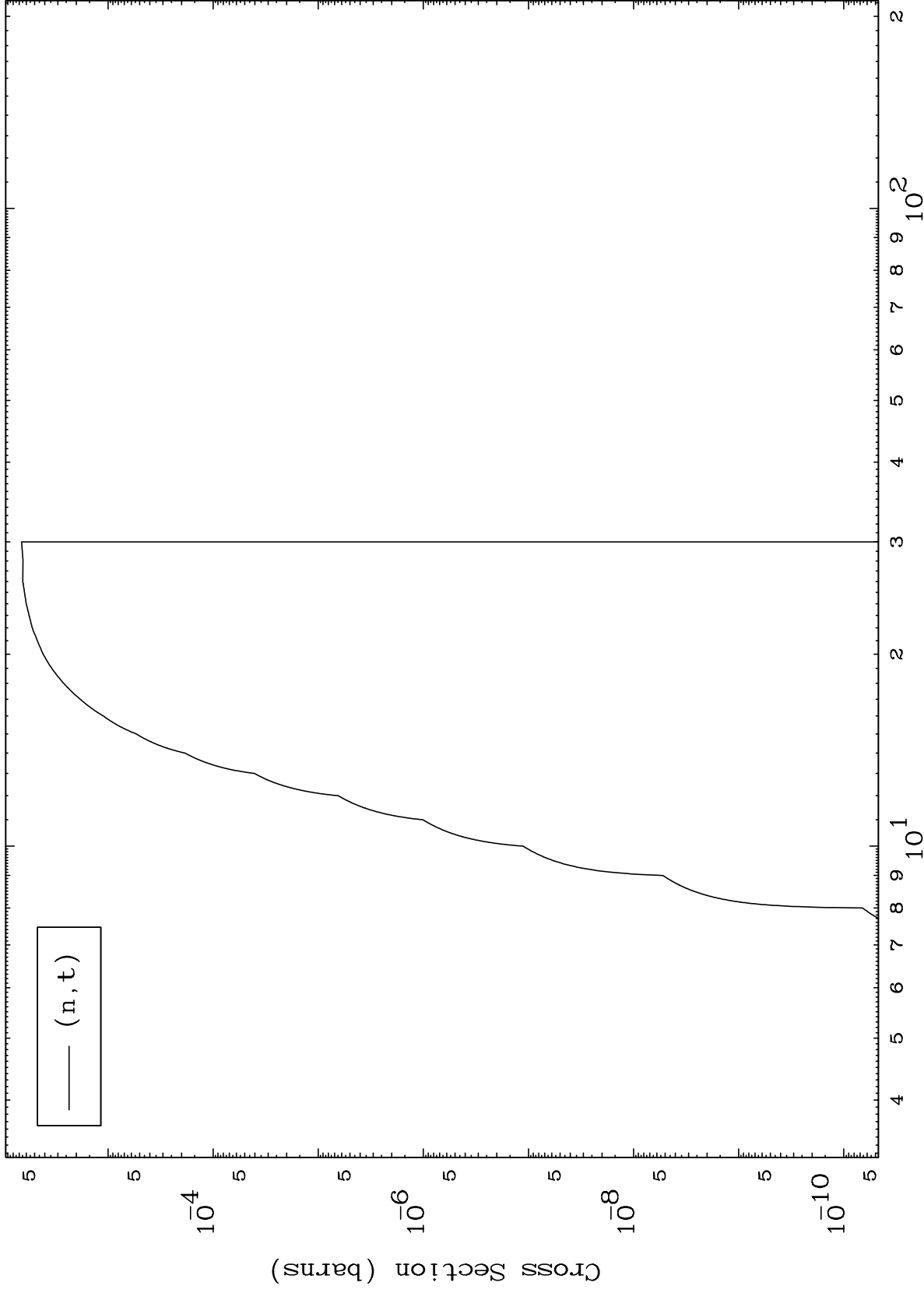
Incident Energy (MeV)

54-Xe-115

MAT 5398

(d,t) Levels  
0 Kelvin Cross Sections

54-Xe-115



10

Incident Energy (MeV)

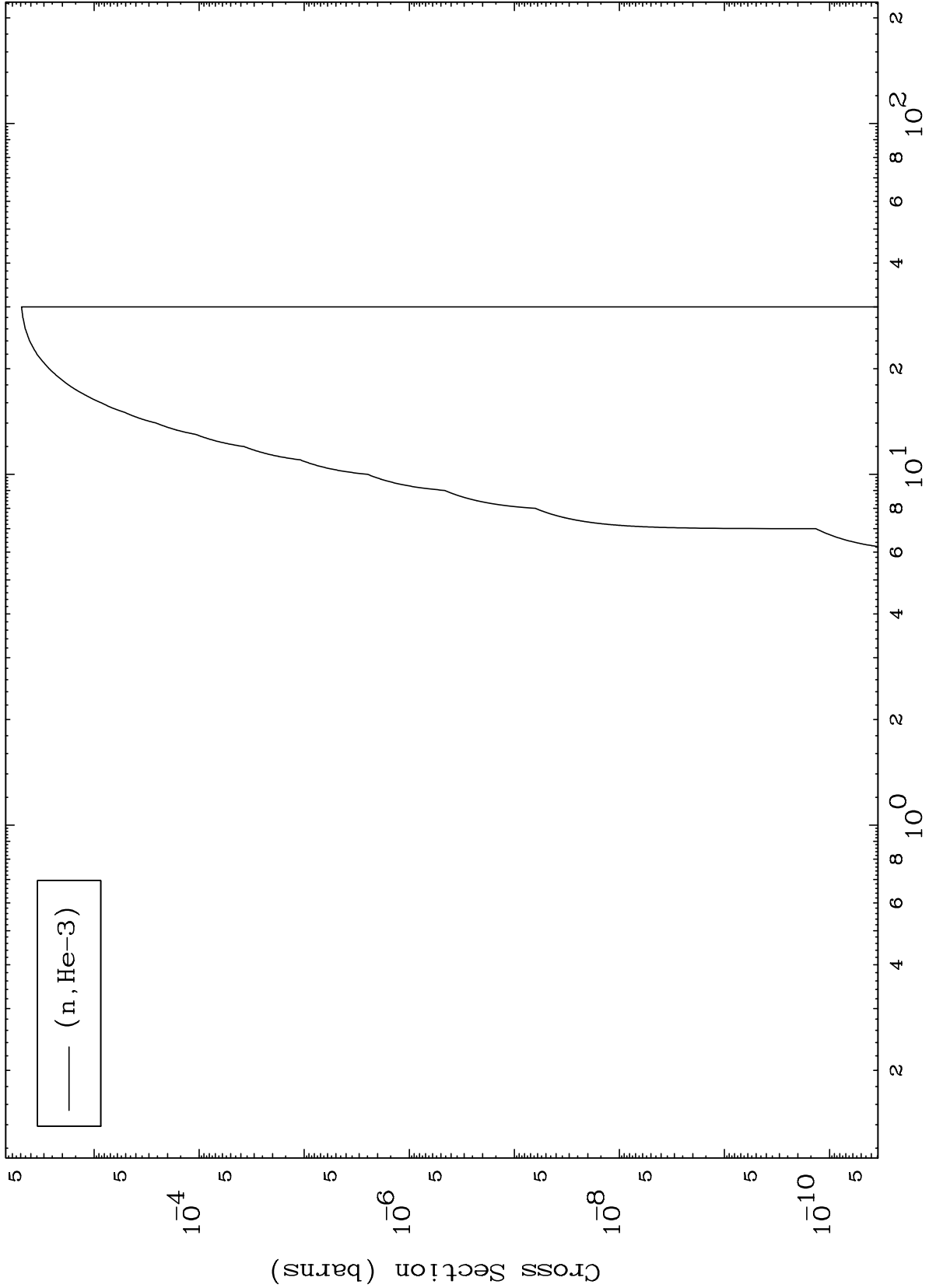
54-Xe-115

MAT 5398

(d,He3) Levels

54-Xe-115

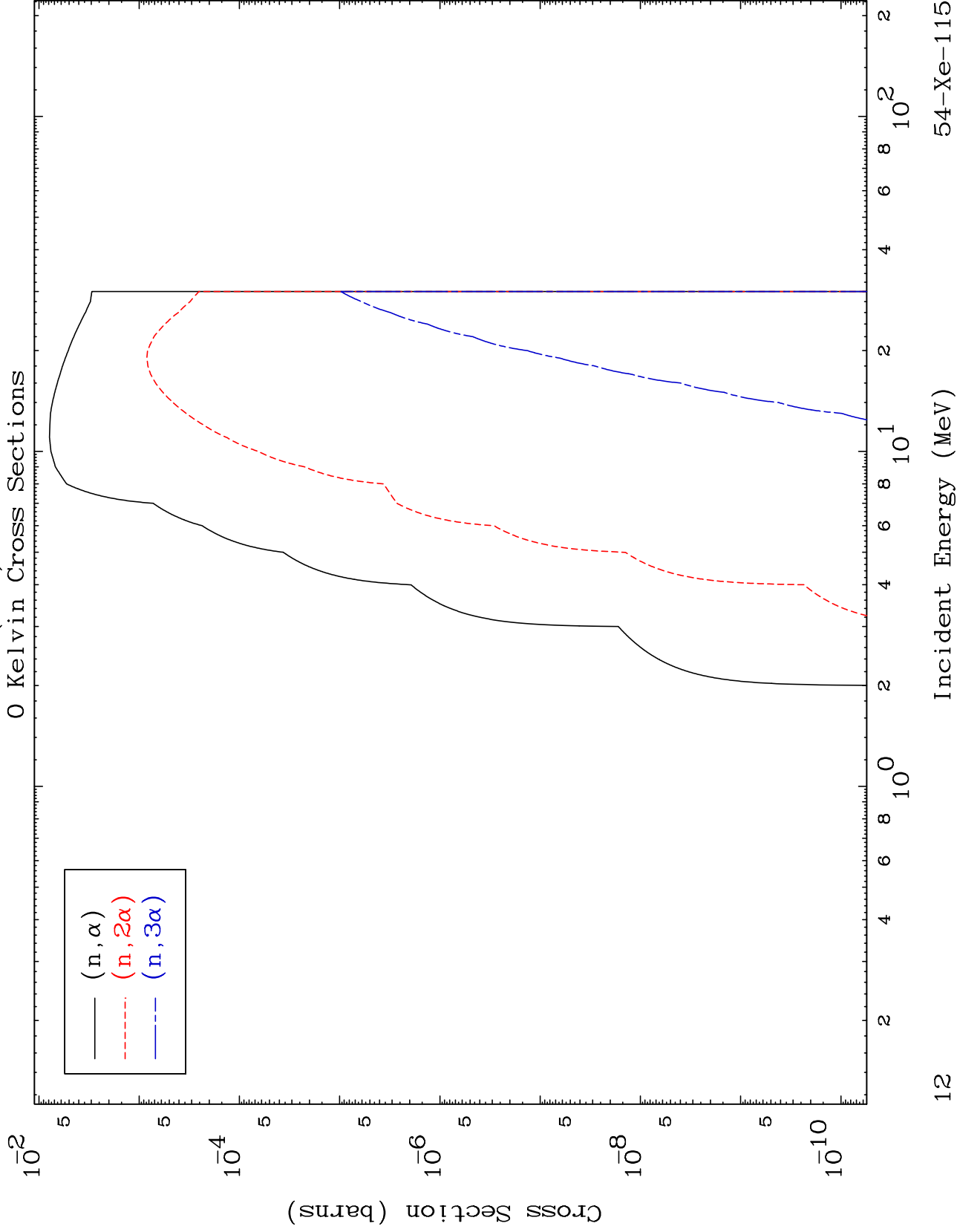
0 Kelvin Cross Sections



MAT 5398

(d,  $\alpha$ ) Levels

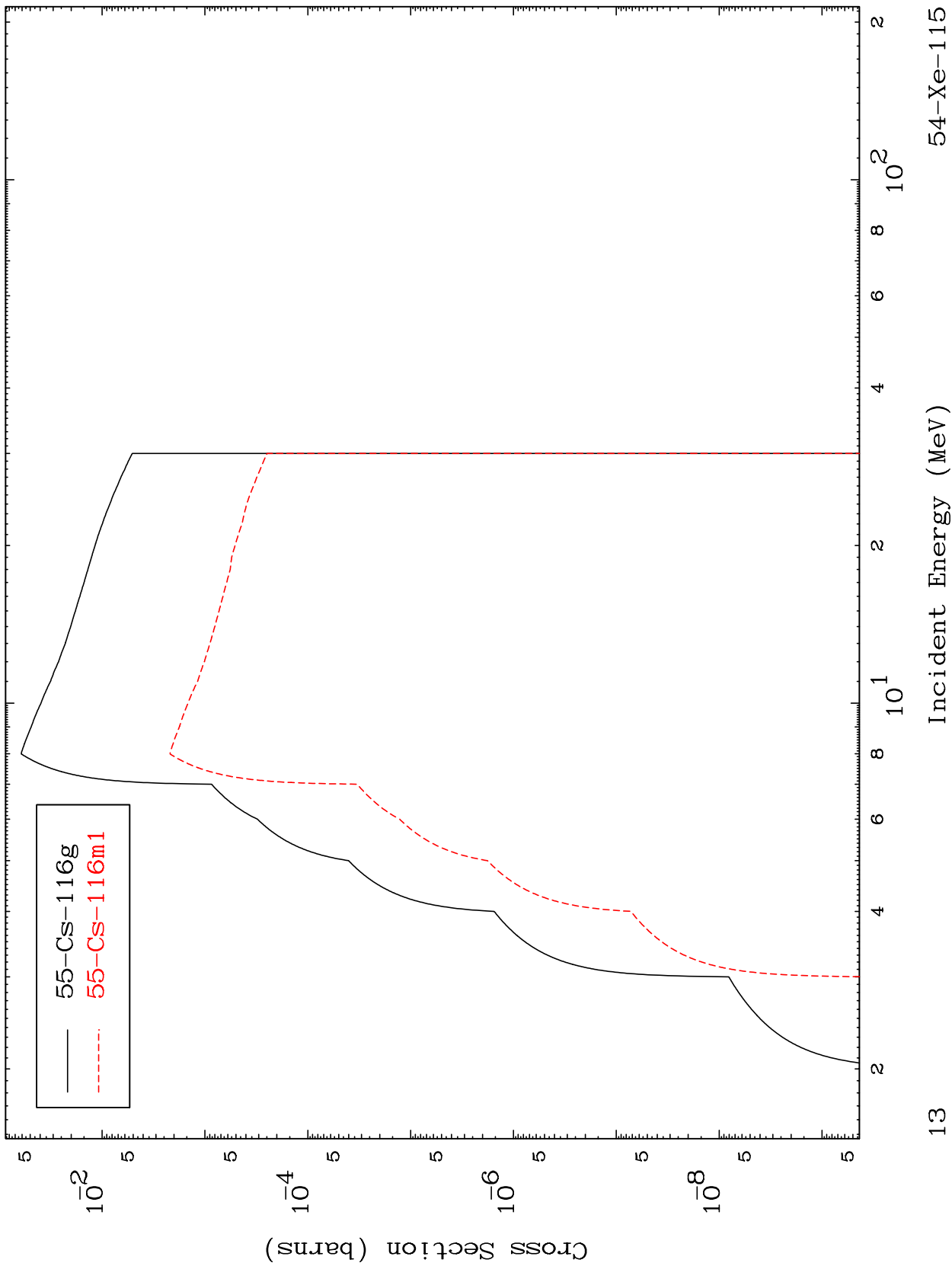
54-Xe-115



MAT 5398

54-Xe-115

Radionuclide Production Cross Section



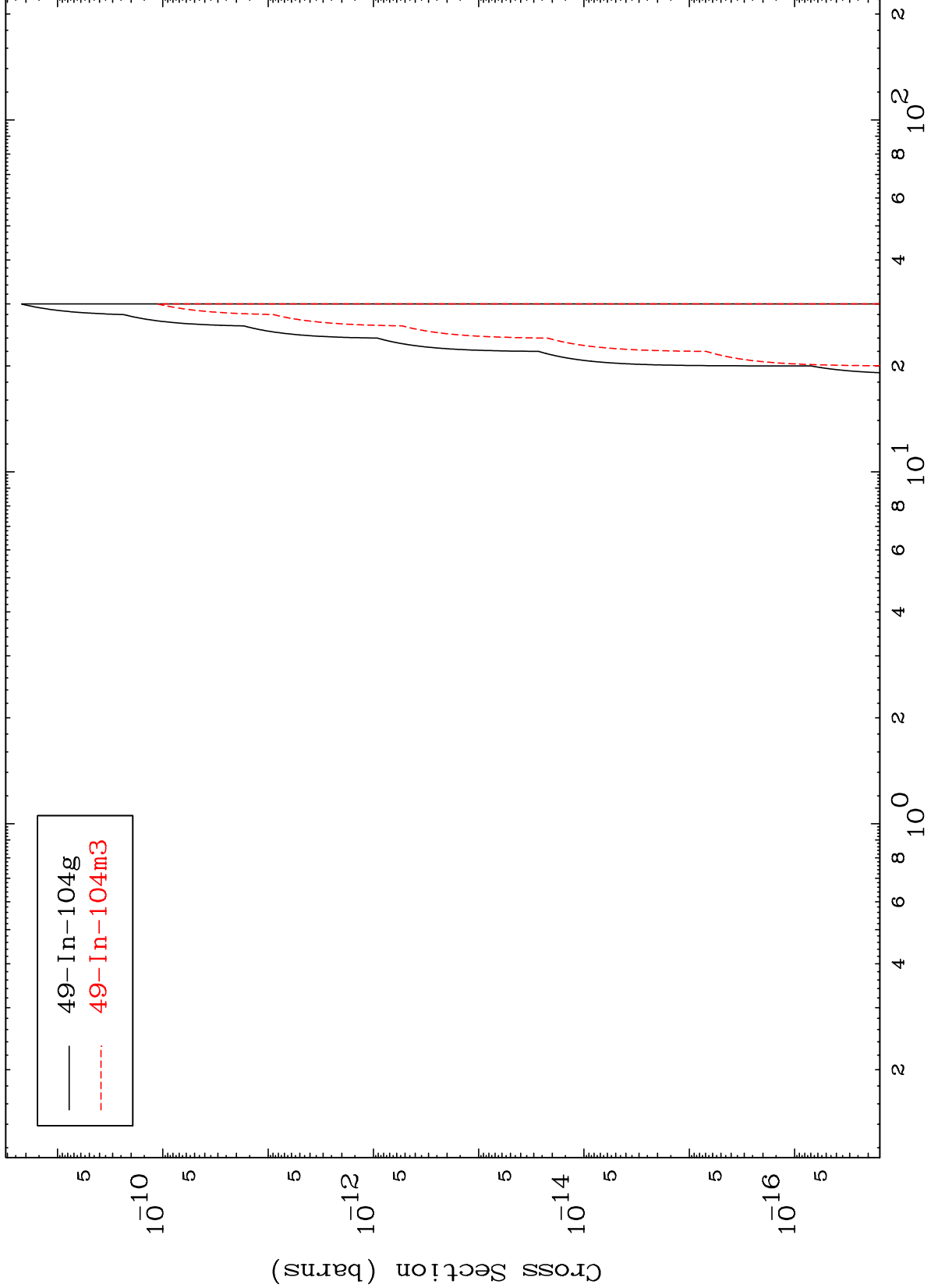
13

MAT 5398

(n,n') 3 $\alpha$

54-Xe-115

Radionuclide Production Cross Section



49-In-104g  
49-In-104m3

14

Incident Energy (MeV)

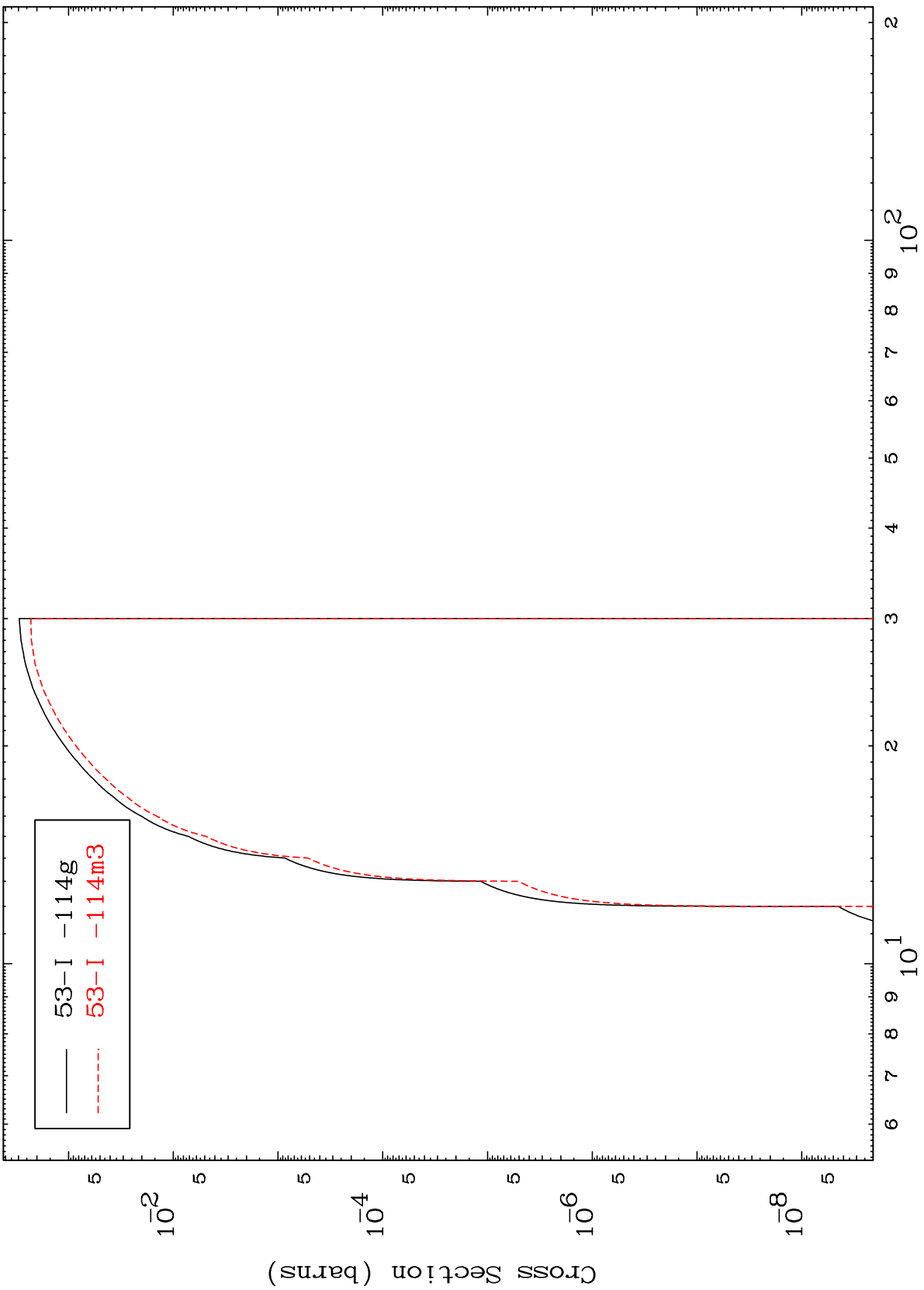
54-Xe-115

MAT 5398

(n,2n) p

54-Xe-115

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

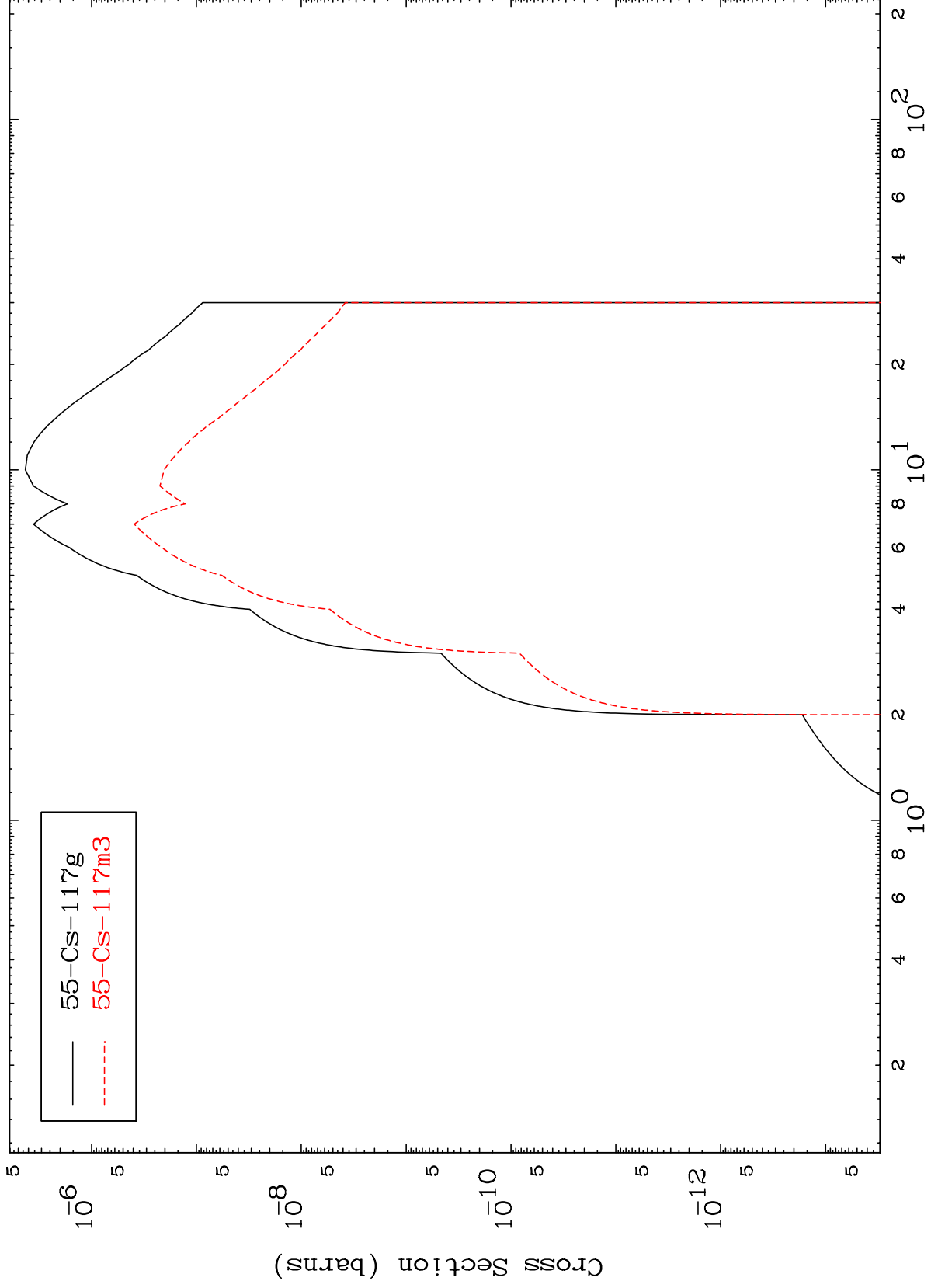
54-Xe-115



MAT 5398

54-Xe-115

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

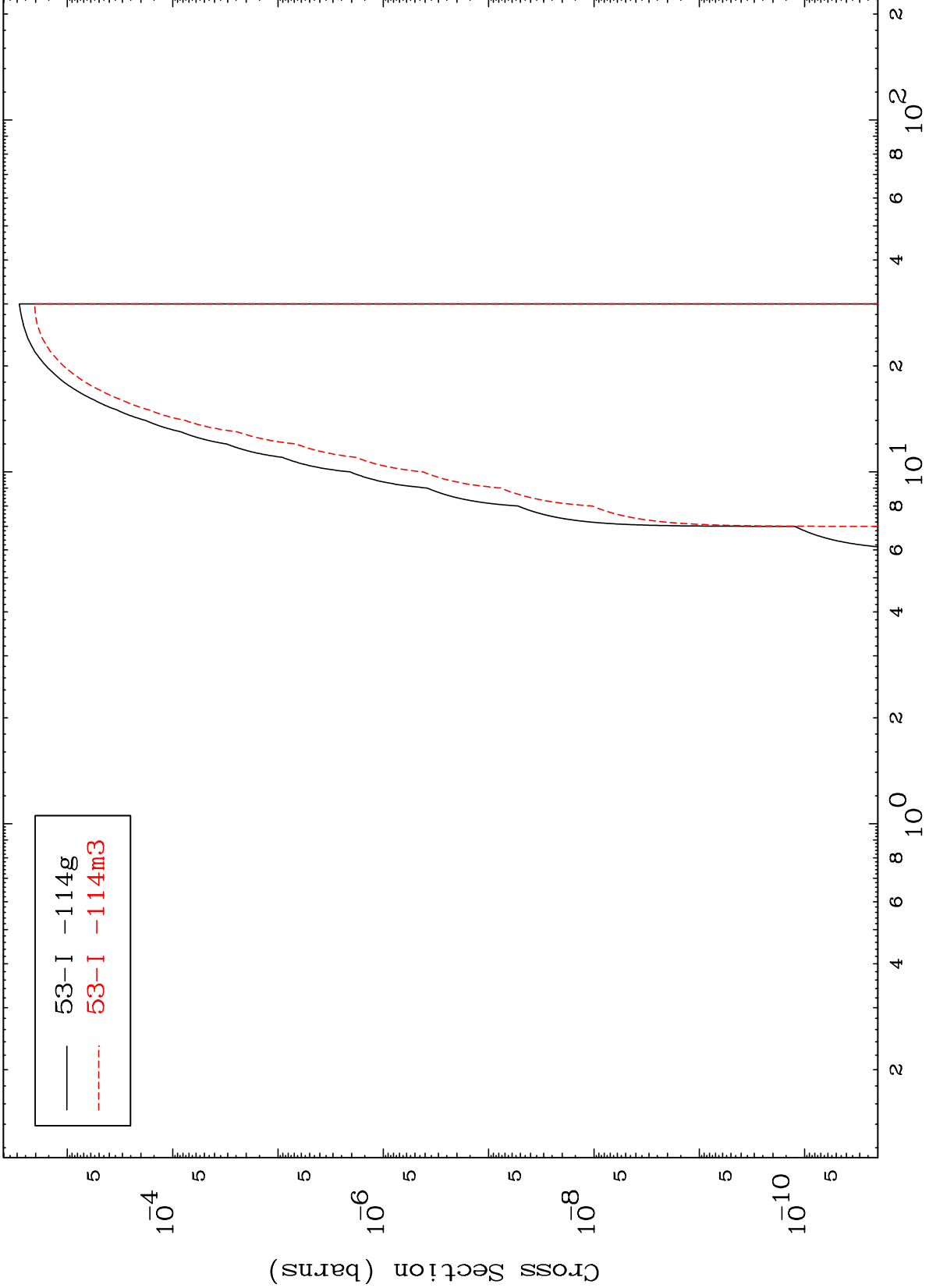


MAT 5398

(n,He-3)

54-Xe-115

Radionuclide Production Cross Section



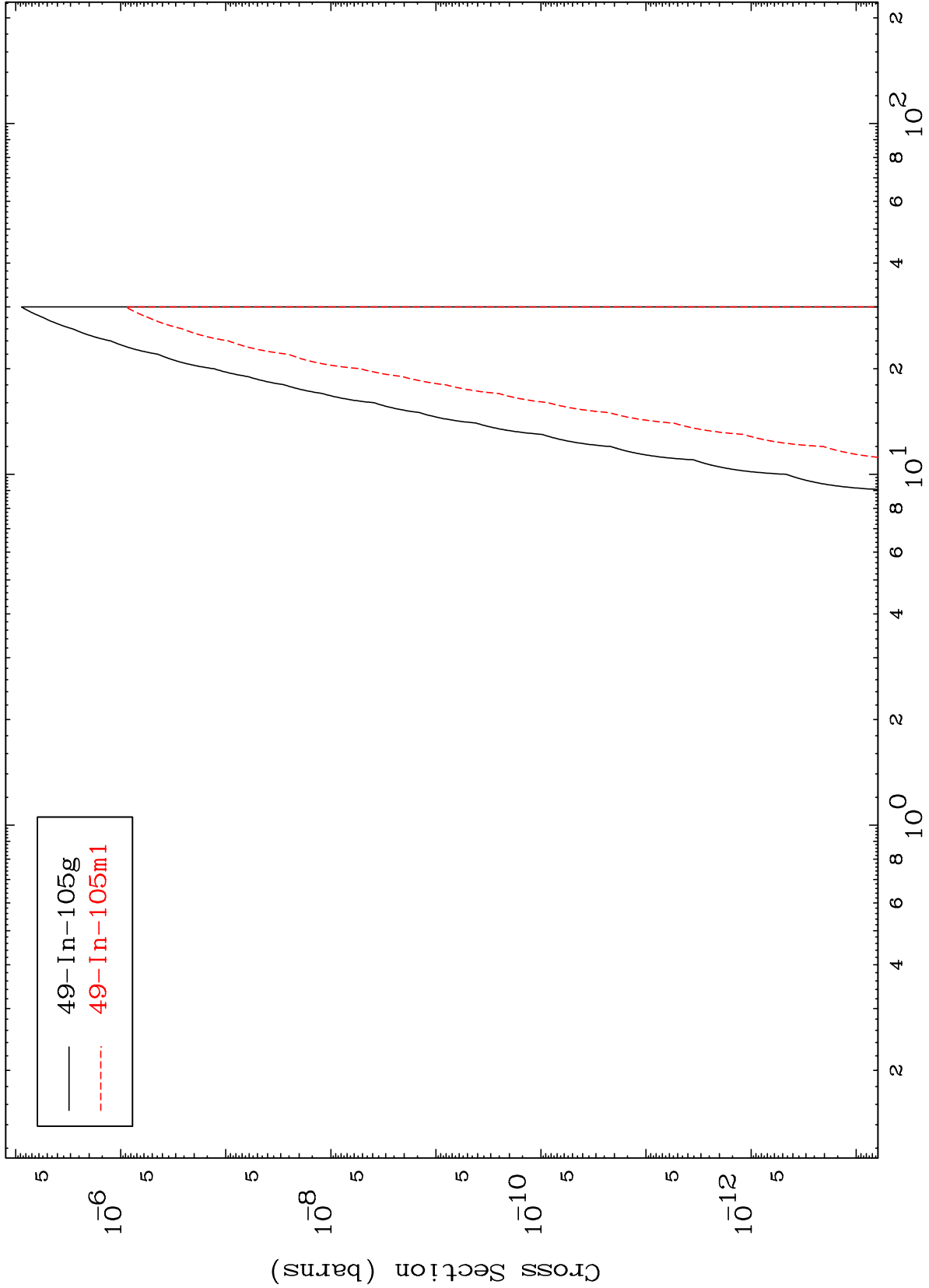
53-I -114g  
53-I -114m3

MAT 5398

(n, 3α)

54-Xe-115

Radionuclide Production Cross Section



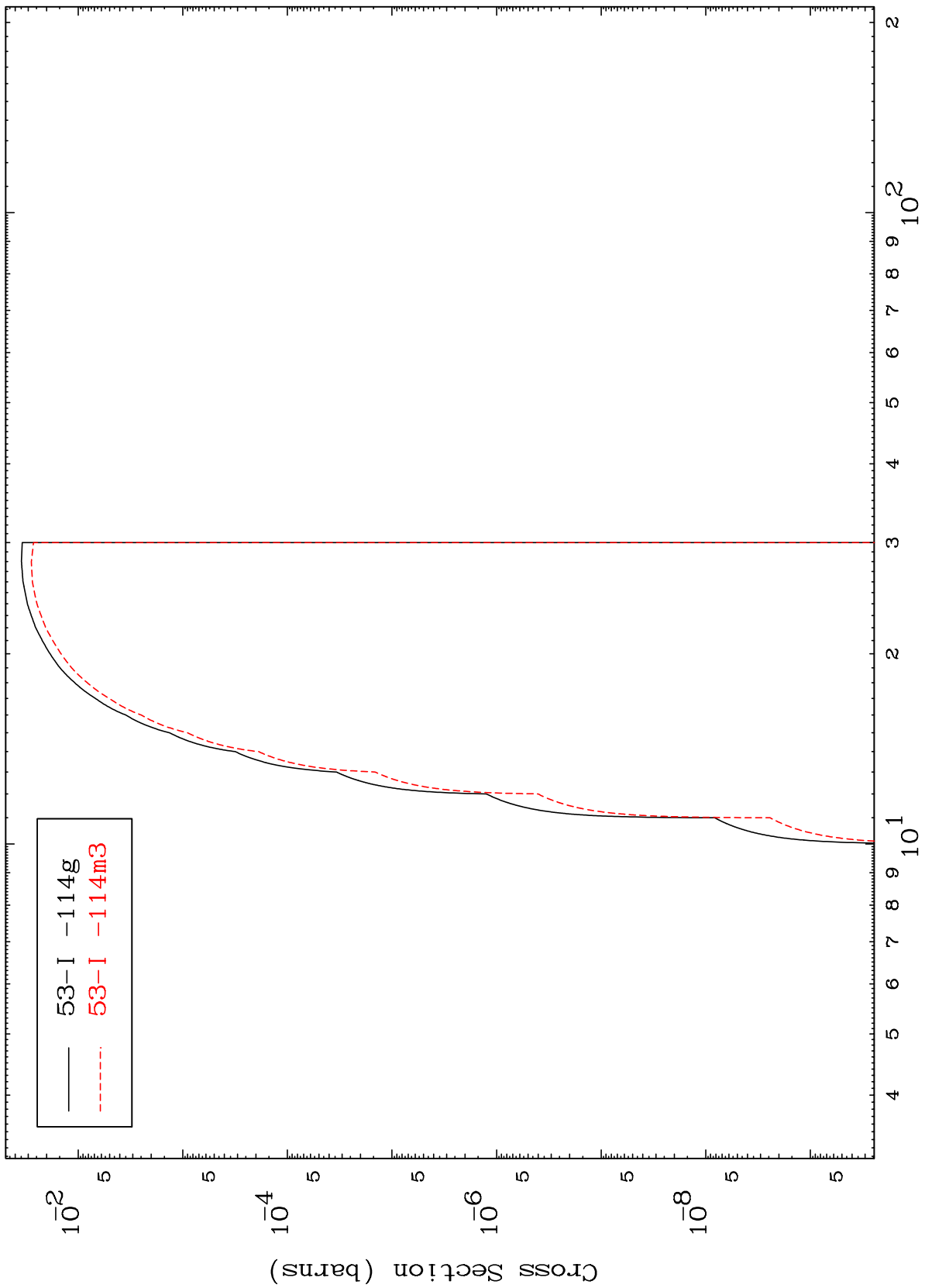
— 49-In-105g  
- - - 49-In-105m1

MAT 5398

(n,p) d

54-Xe-115

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

54-Xe-115