

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

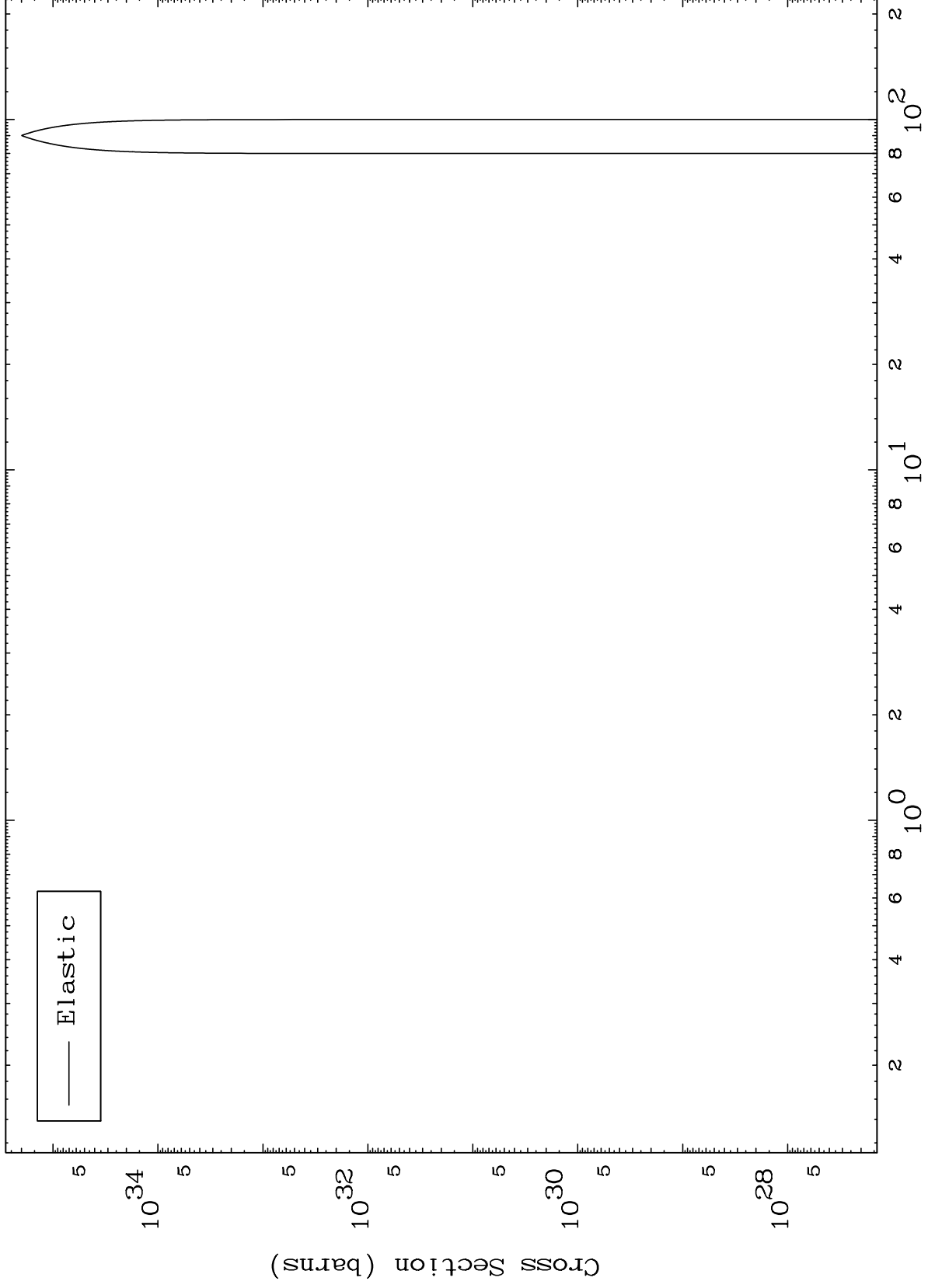
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5304

Deuteron Major  
0 Kelvin Cross Sections

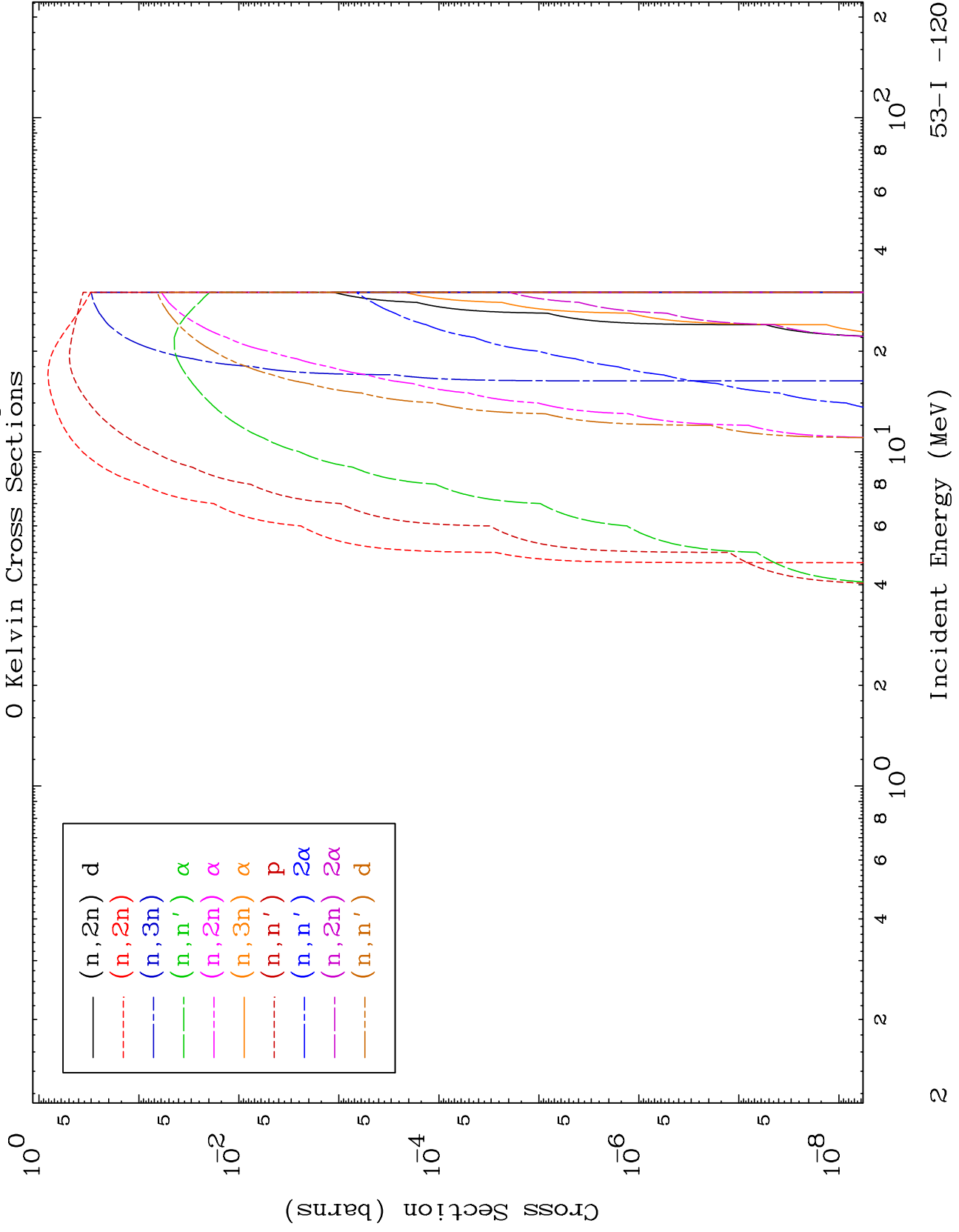
53-I -120

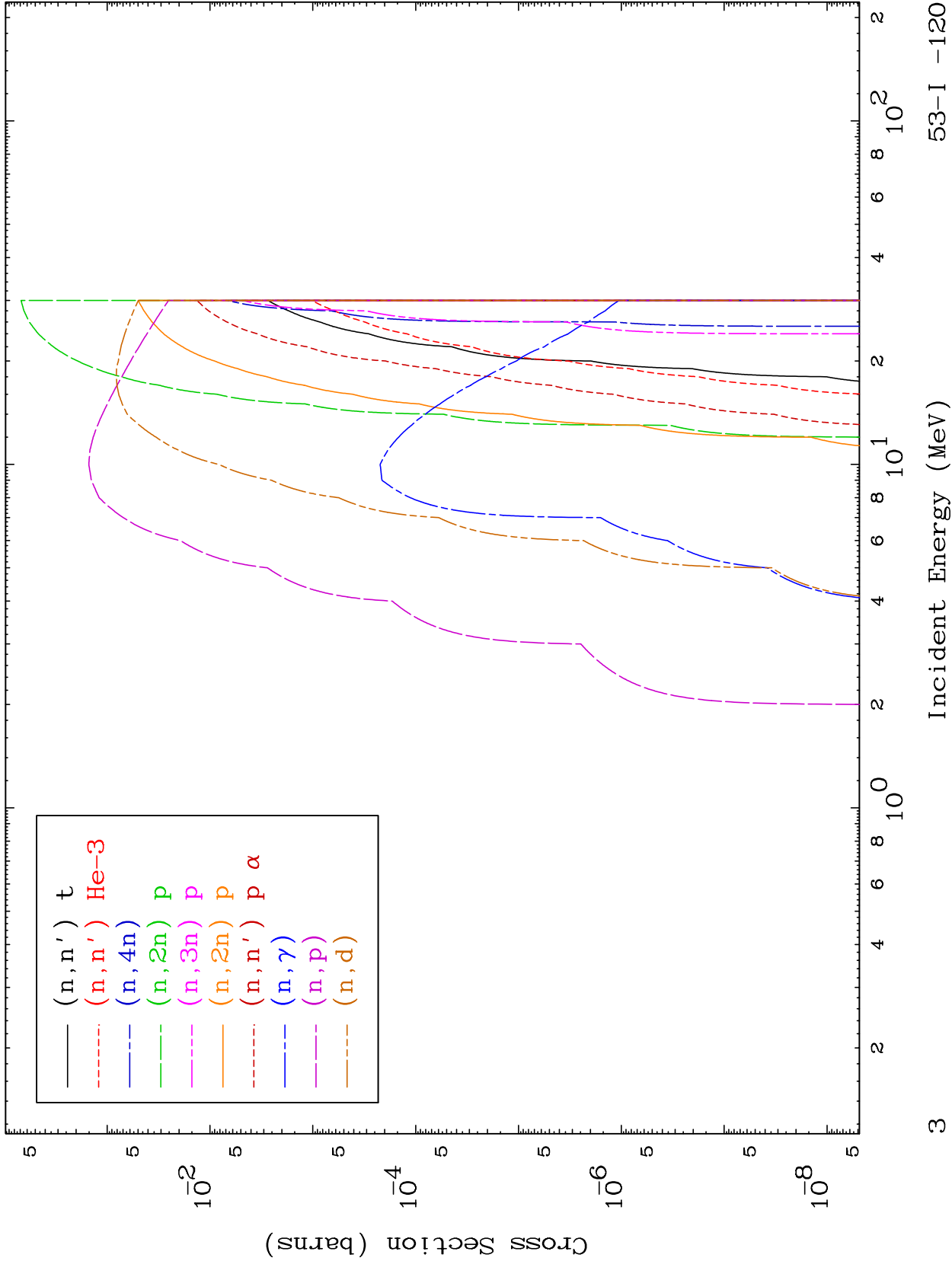


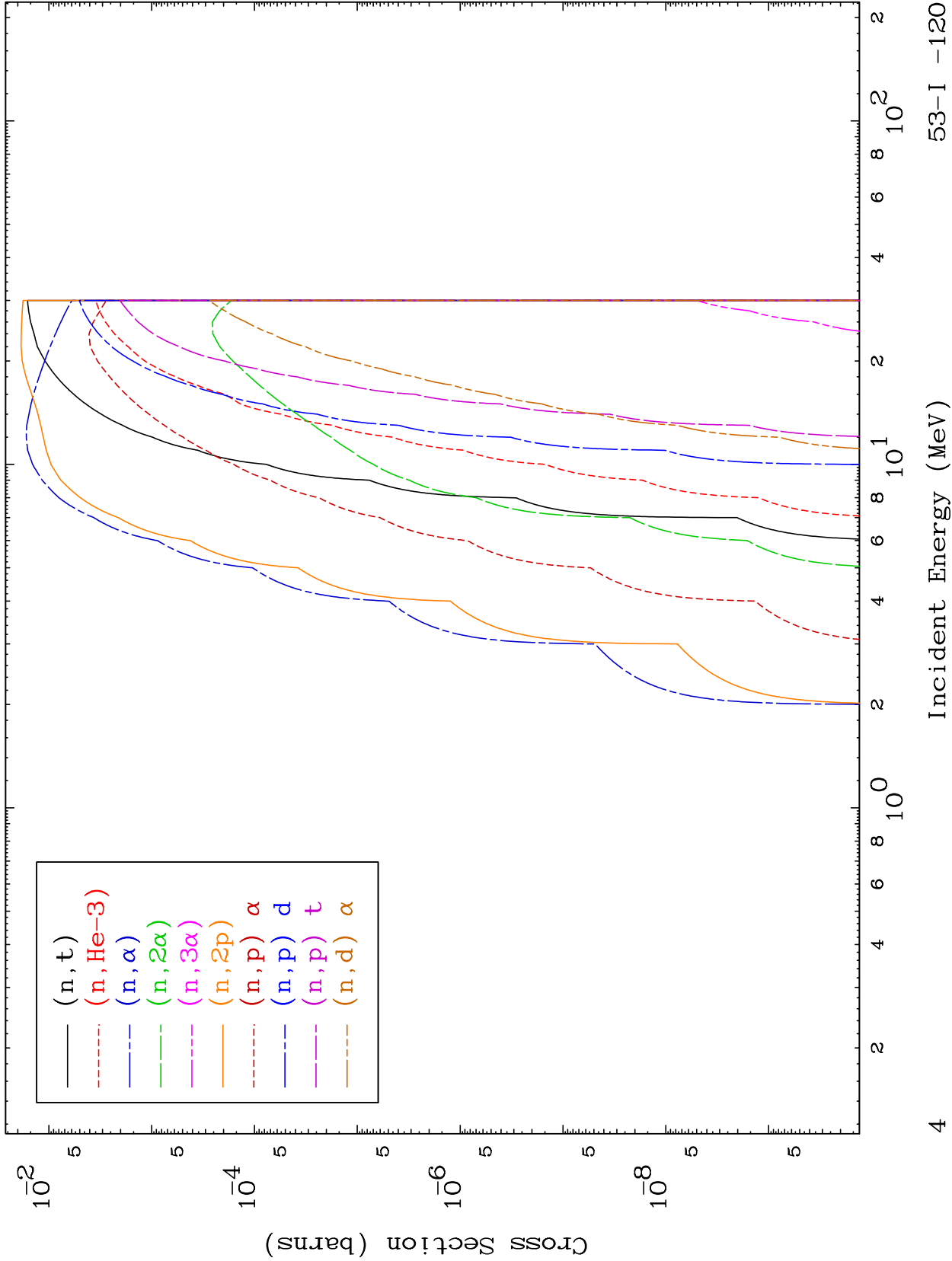
MAT 5304

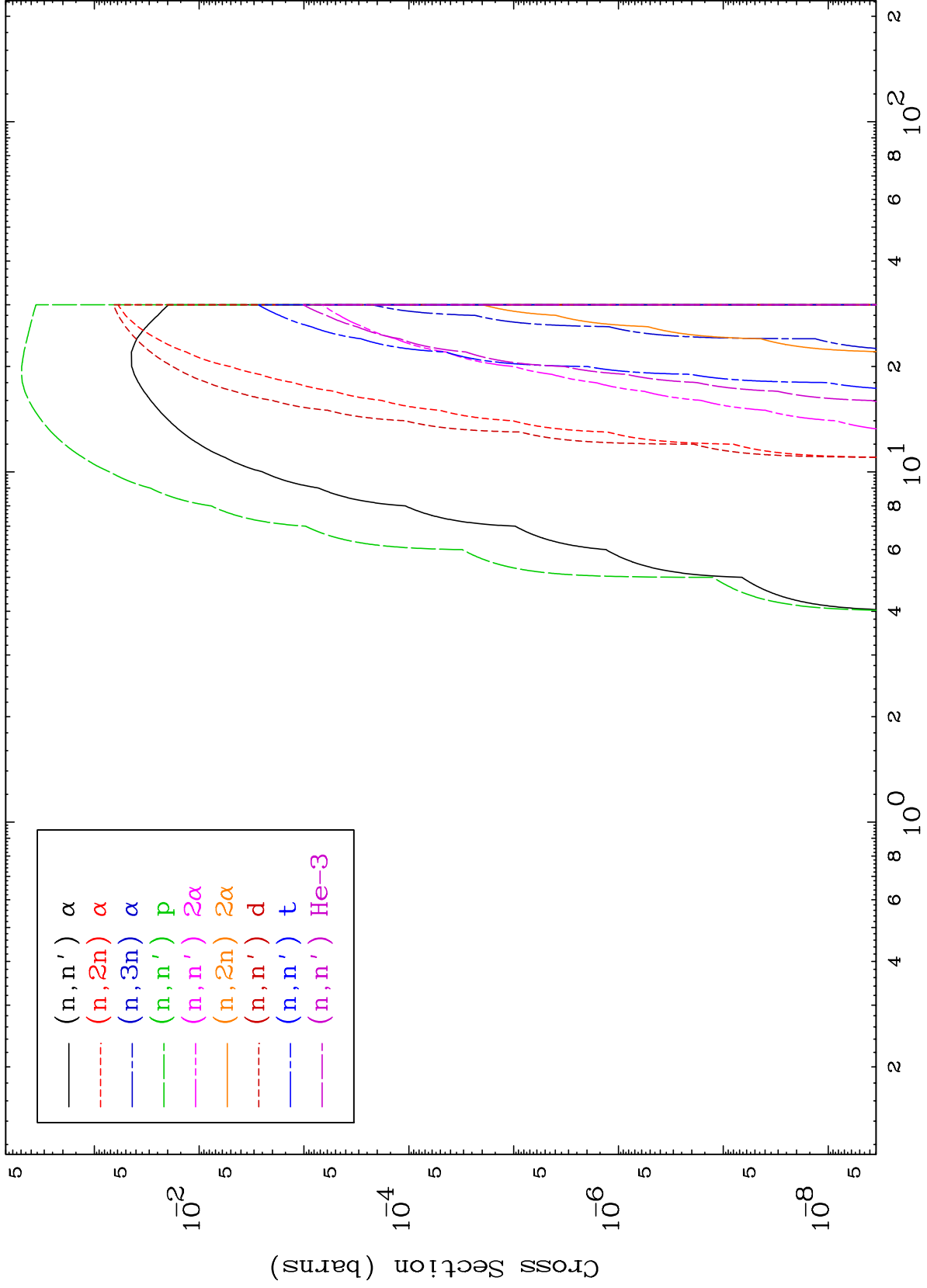
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

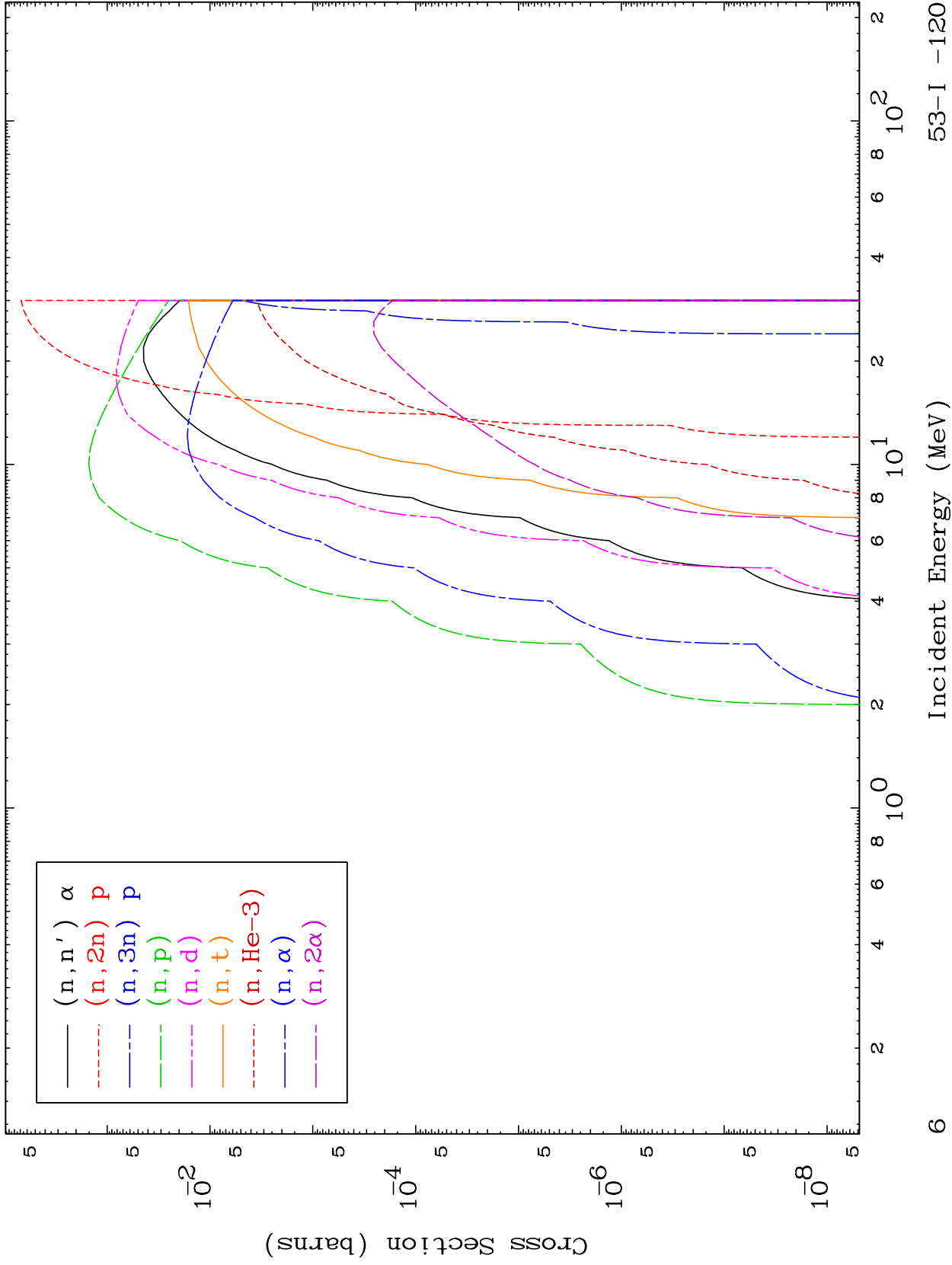
53-I -120

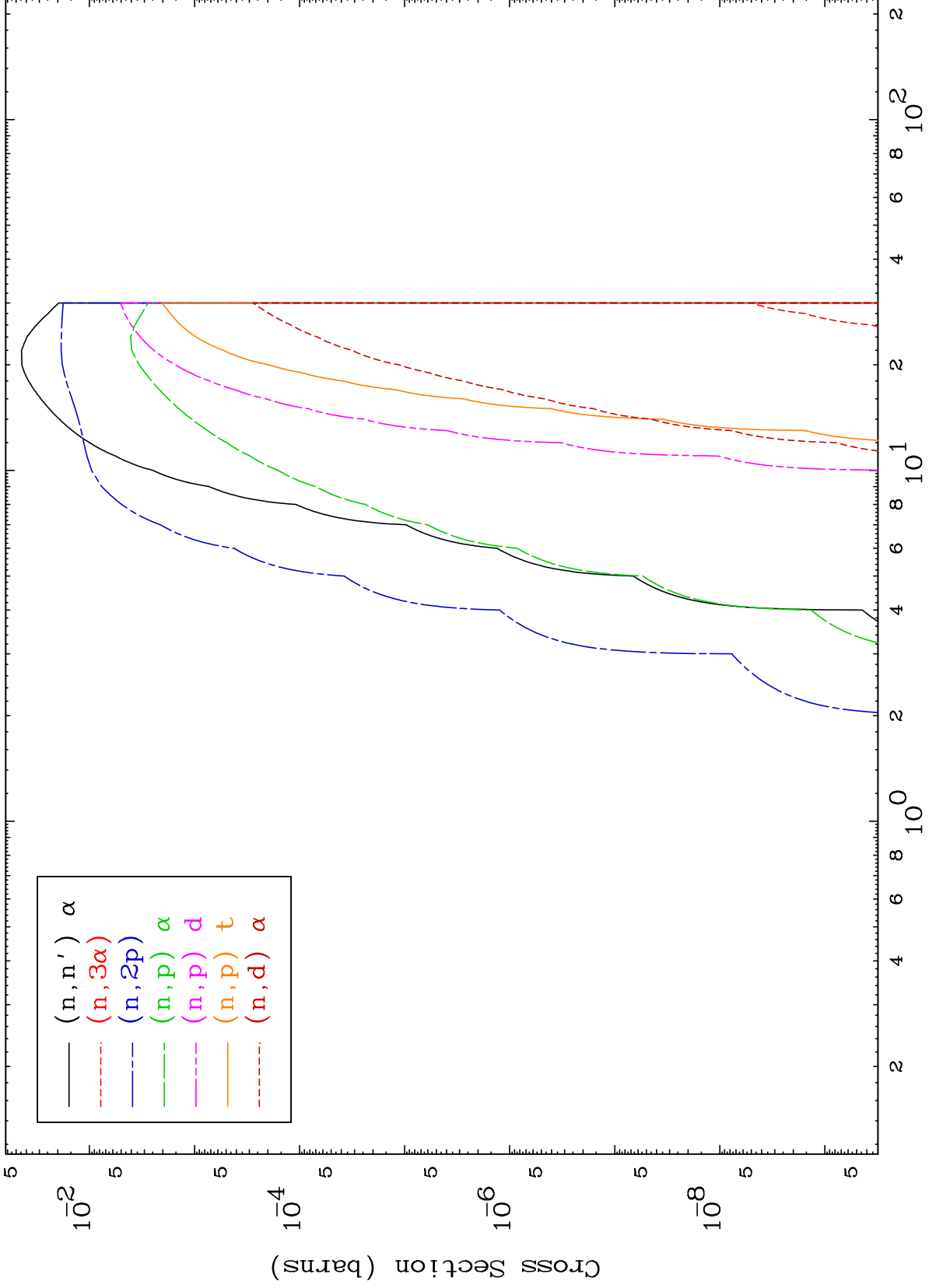












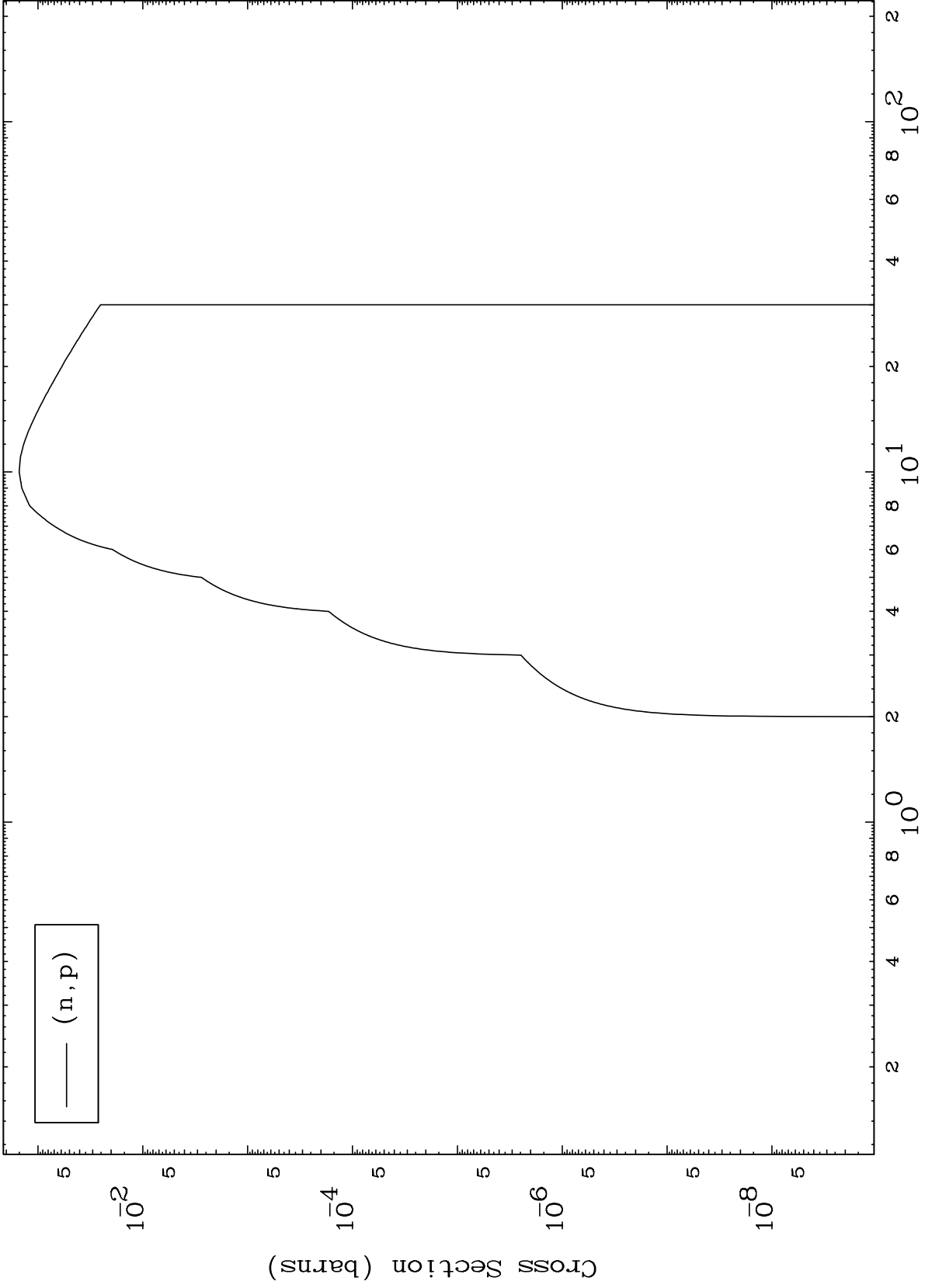


MAT 5304

(d,p) Levels

53-I -120

0 Kelvin Cross Sections

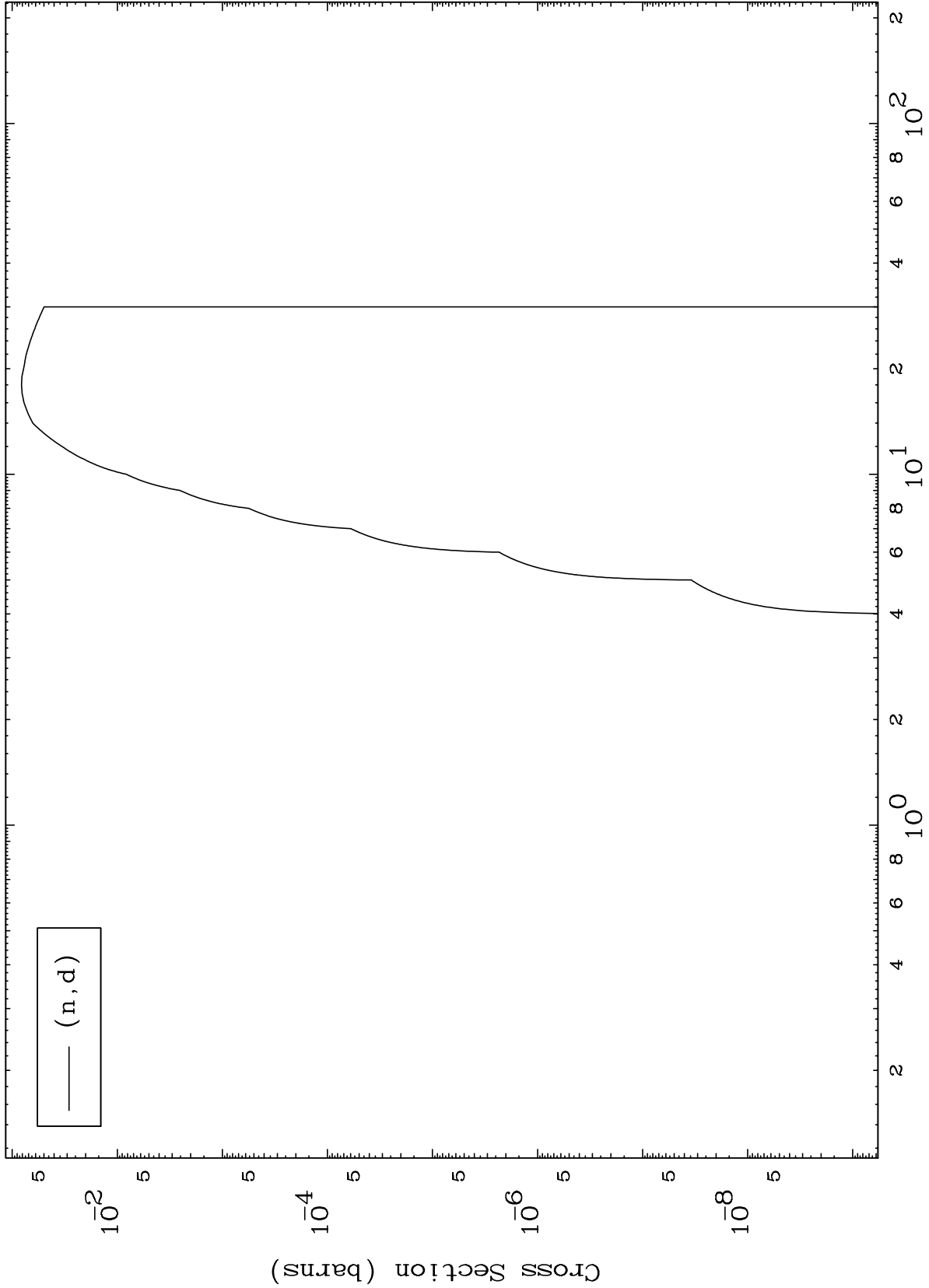


MAT 5304

(d,d) Levels

53-I -120

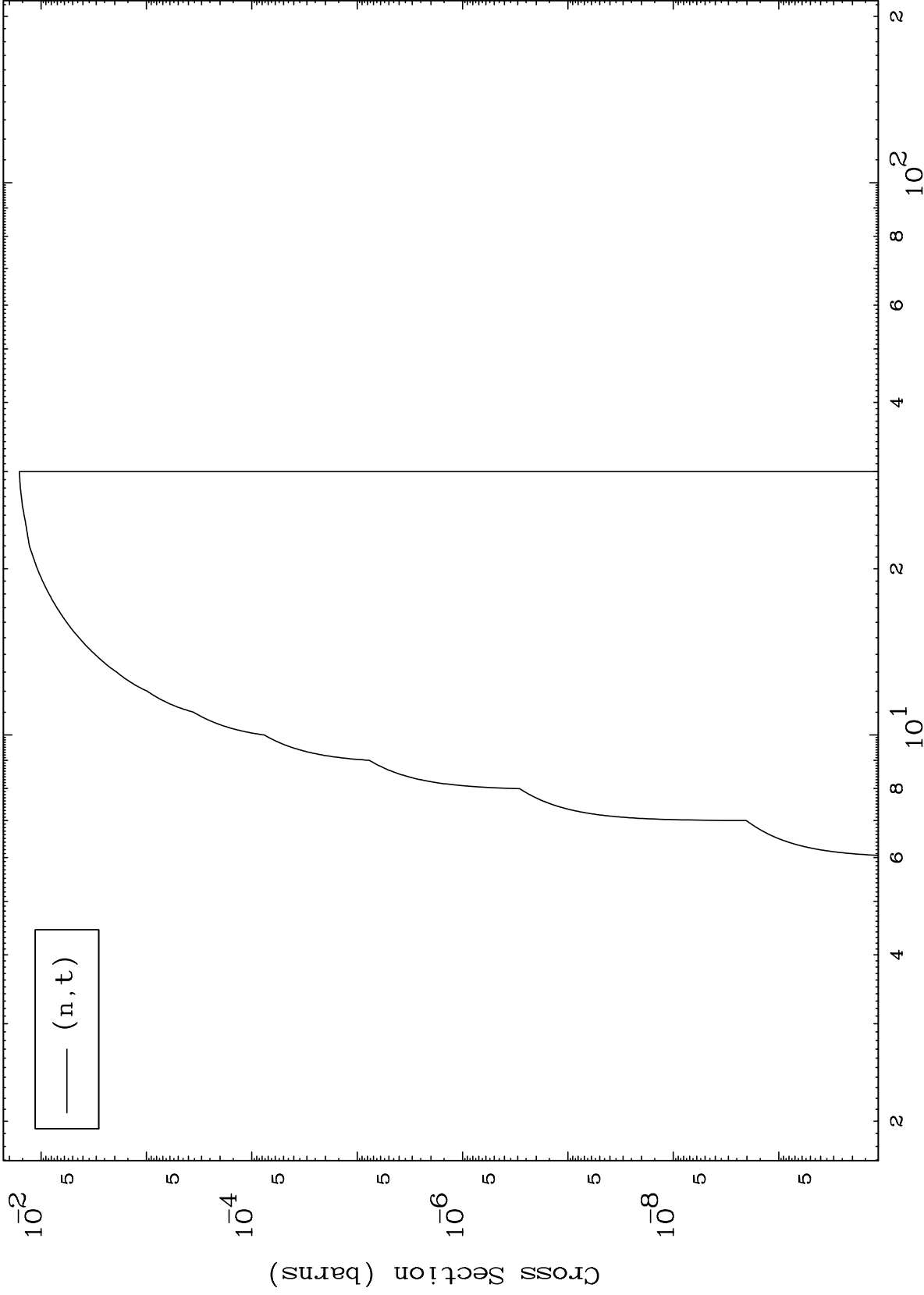
0 Kelvin Cross Sections



MAT 5304

(d,t) Levels  
0 Kelvin Cross Sections

53-I -120



10

Incident Energy (MeV)

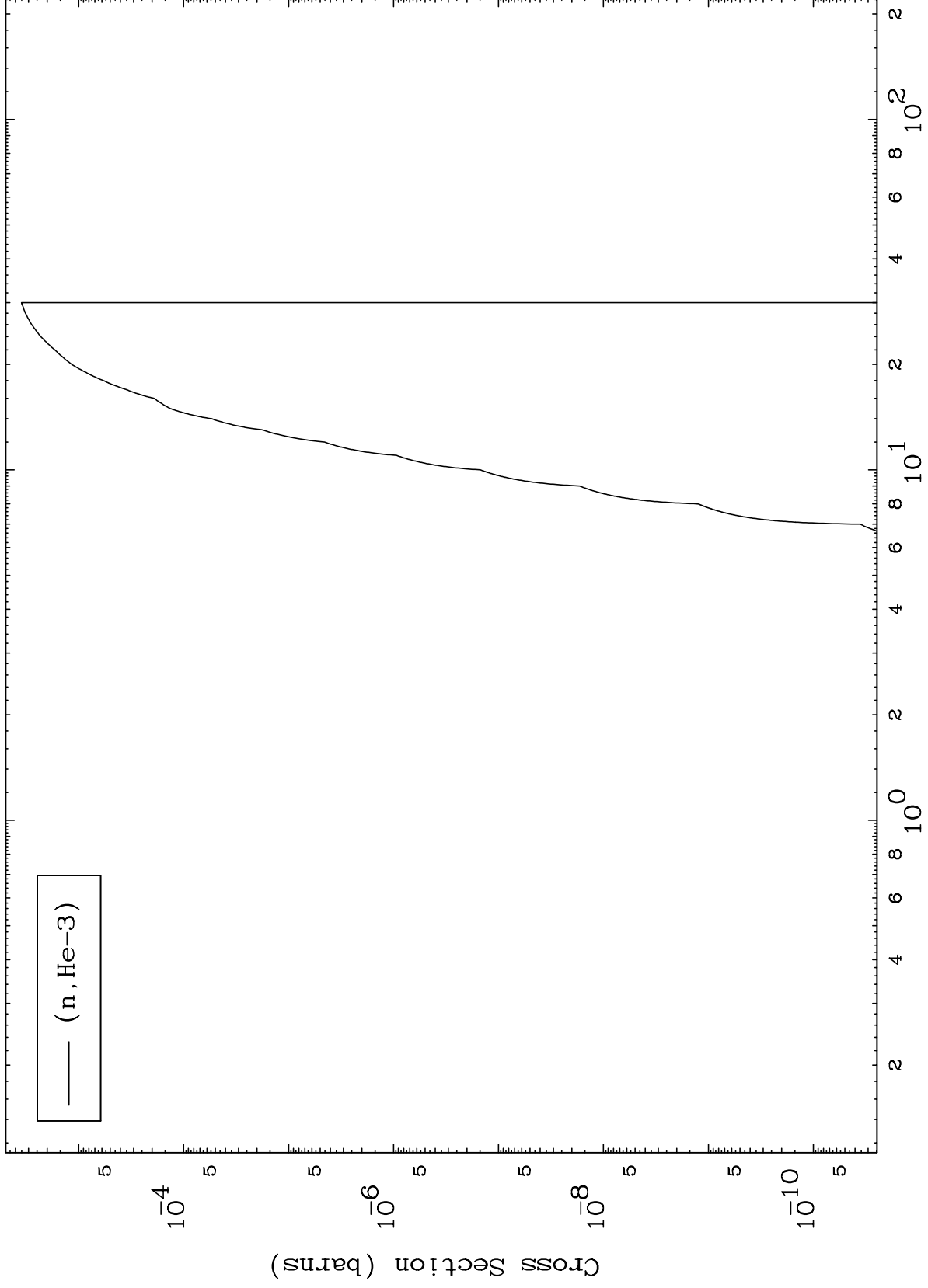
53-I -120

MAT 5304

(d,He3) Levels

53-I -120

0 Kelvin Cross Sections

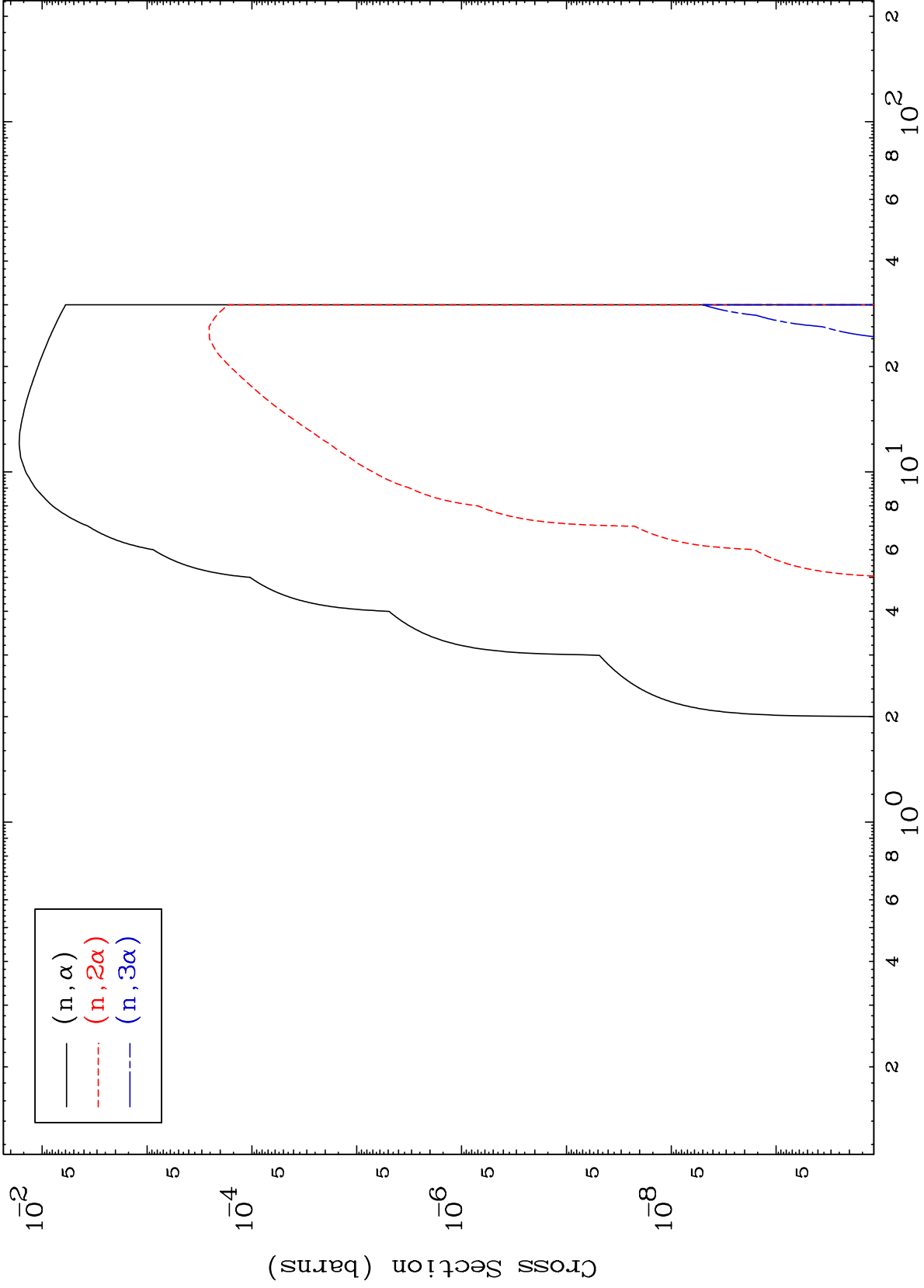


MAT 5304

(d,  $\alpha$ ) Levels

53-I -120

0 Kelvin Cross Sections



12

Incident Energy (MeV)

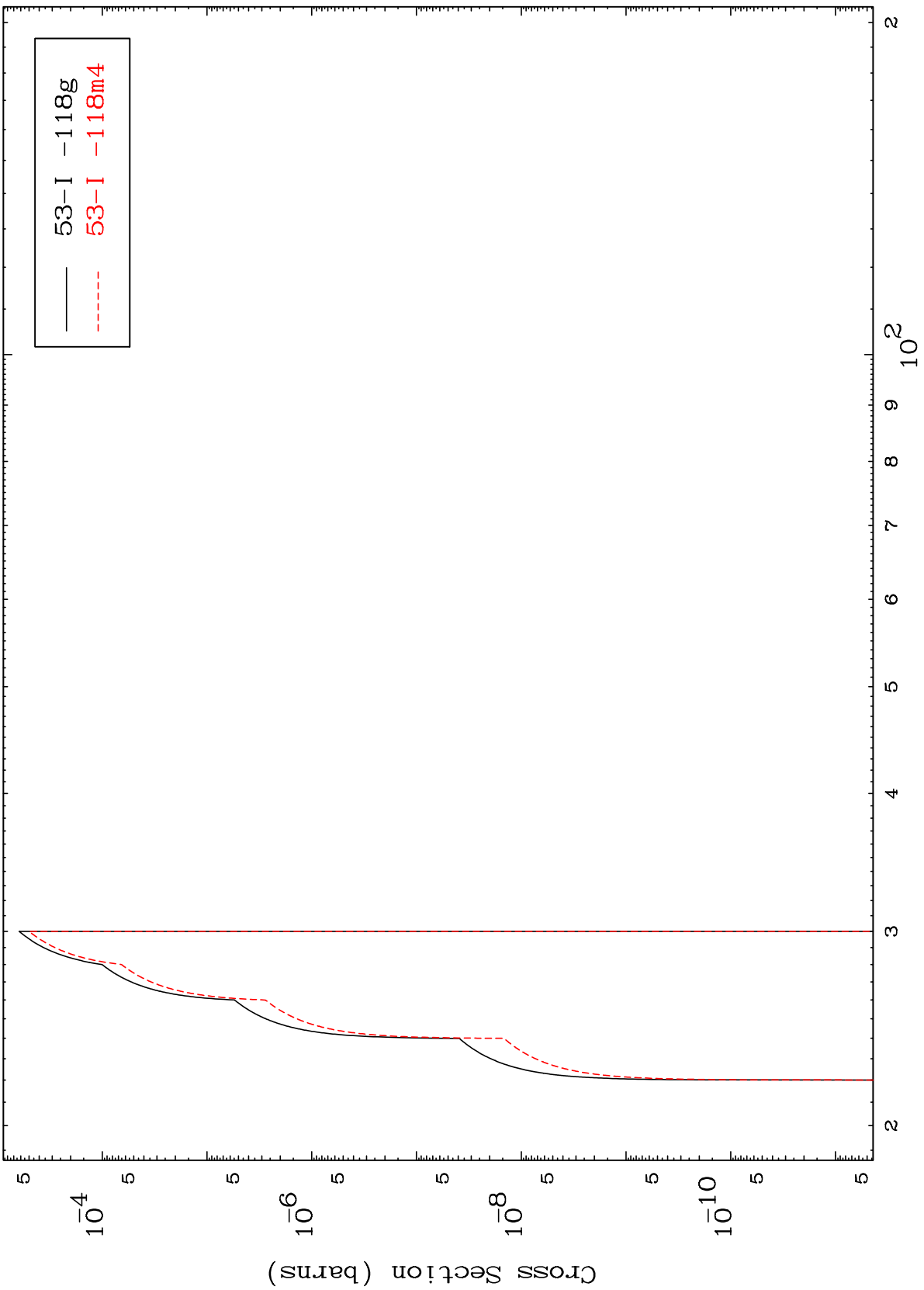
53-I -120

MAT 5304

(n,2n) d

53-I -120

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

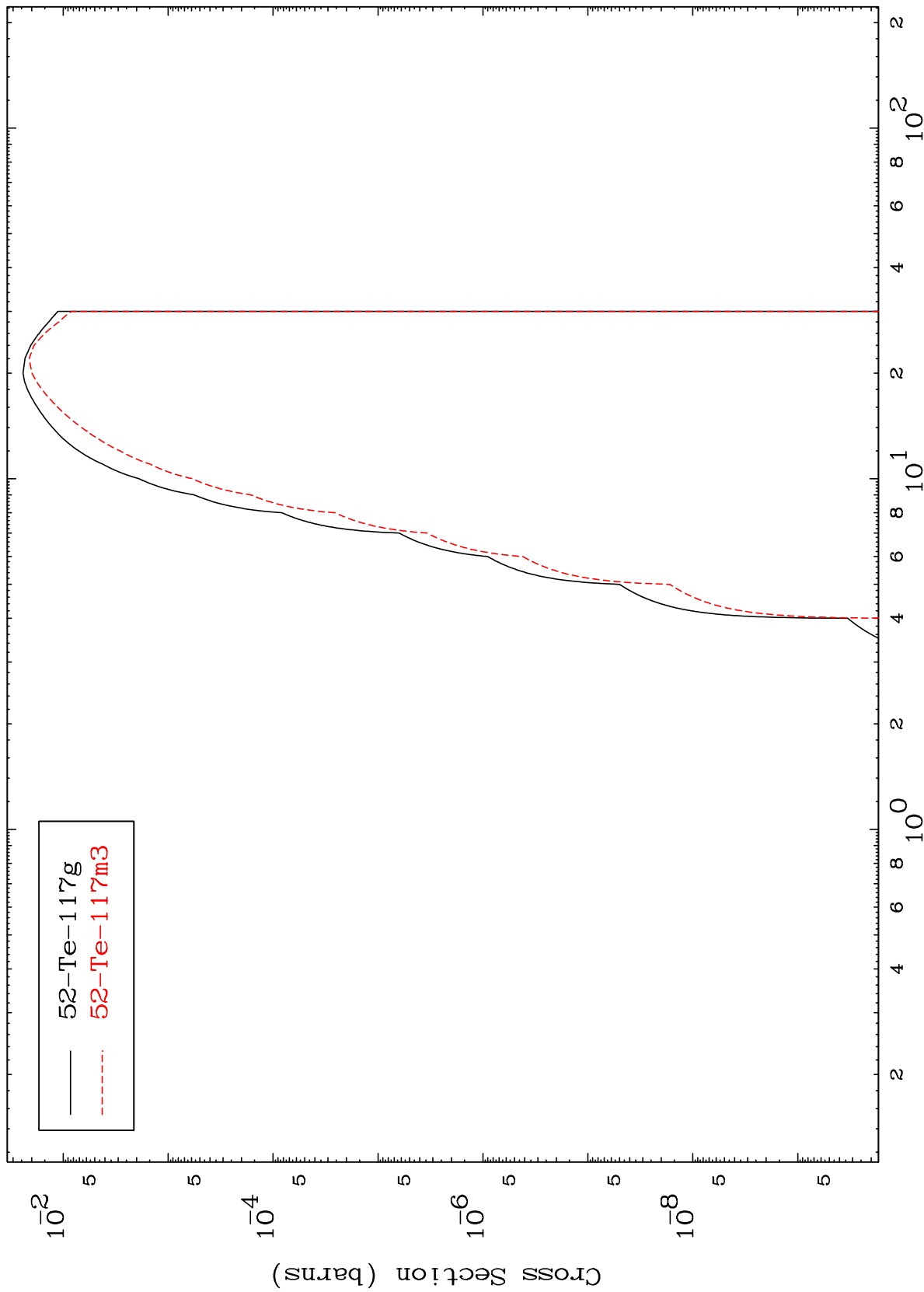
53-I -120

MAT 5304

(n,n')  $\alpha$

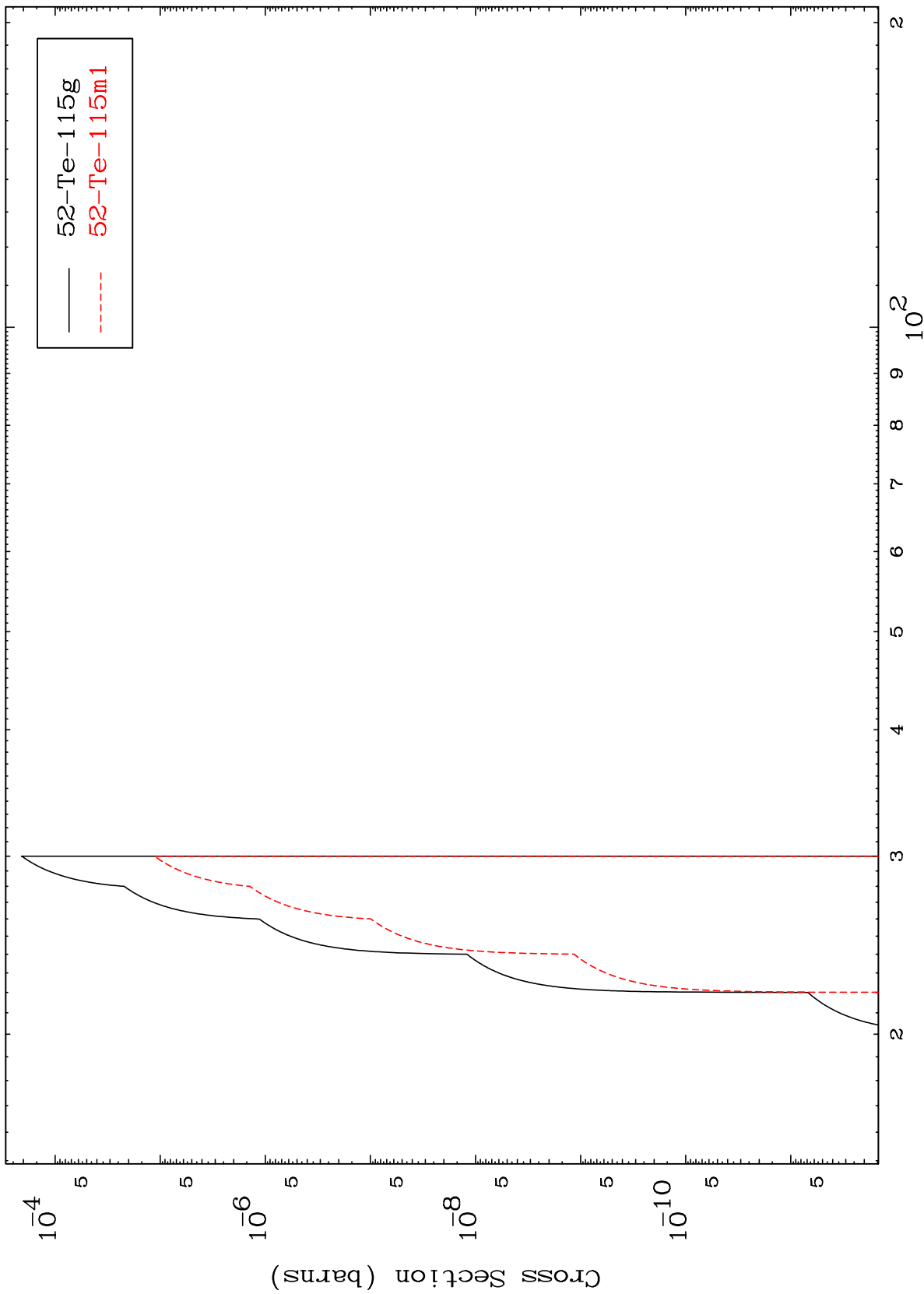
53-I -120

Radionuclide Production Cross Section



52-Te-117g  
52-Te-117m3

Radionuclide Production Cross Section

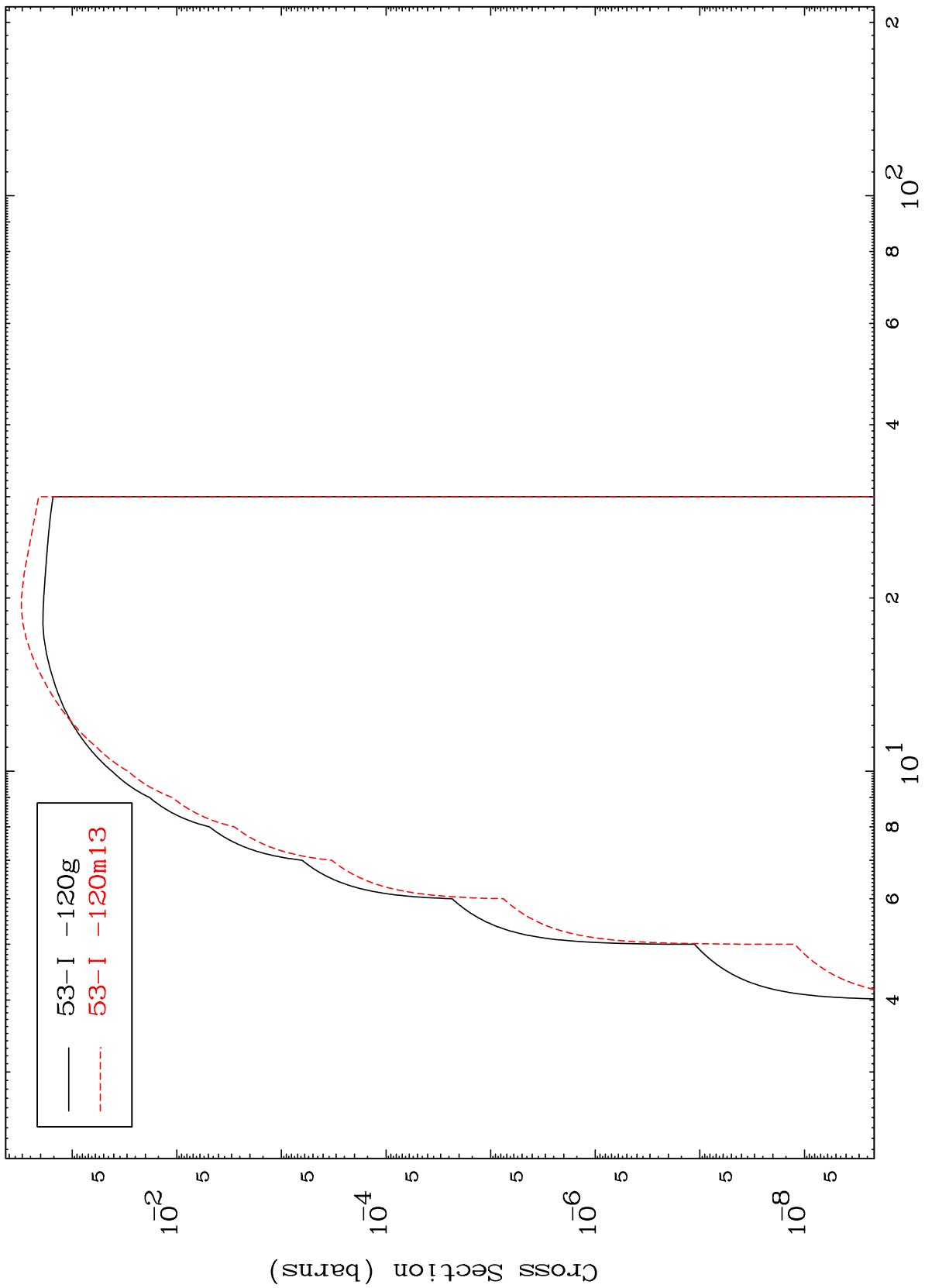




MAT 5304

53-I -120

(n,n') p  
Radionuclide Production Cross Section



53-I -120g  
53-I -120m13

53-I -120

Incident Energy (MeV)

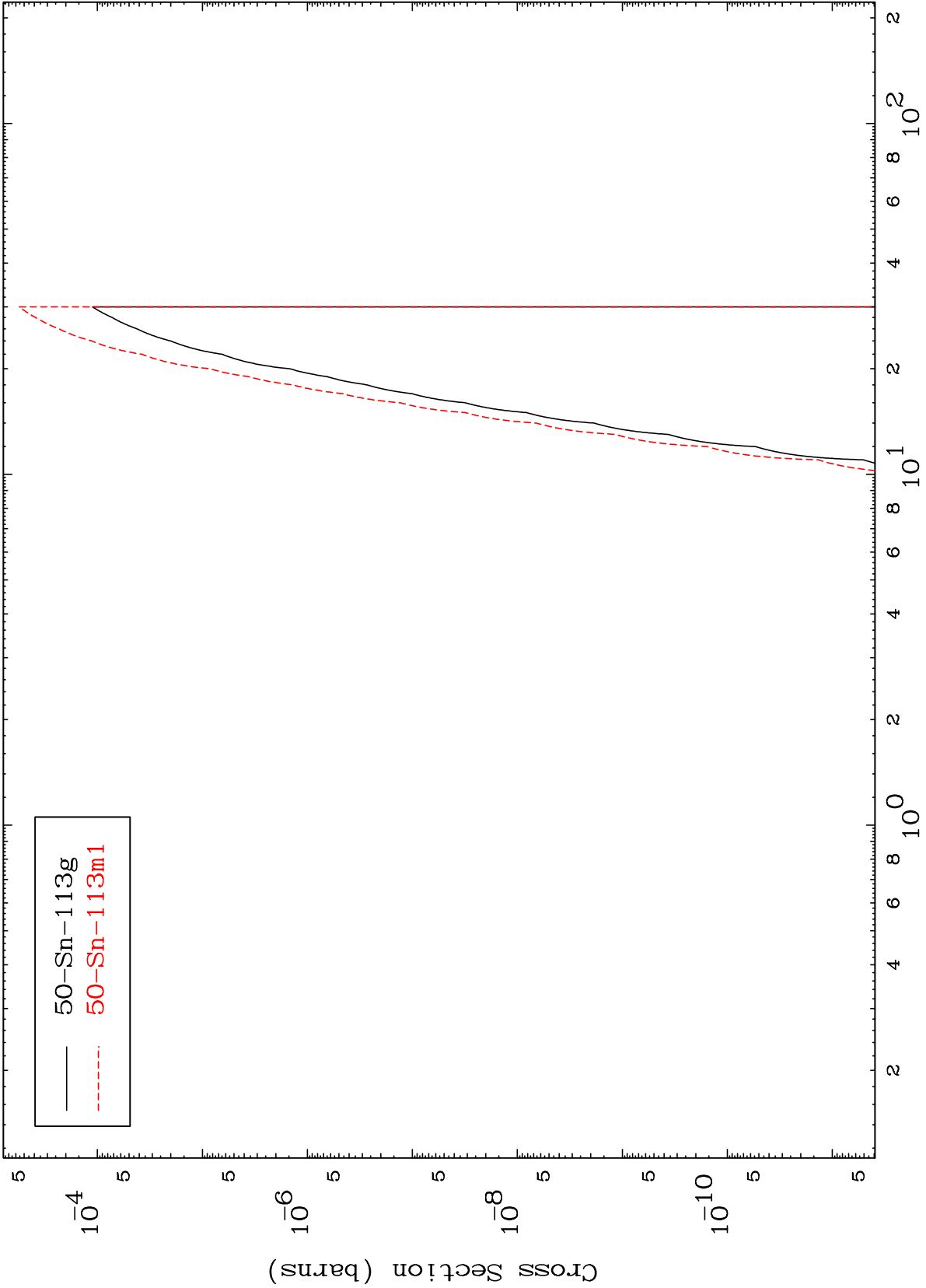
16

MAT 5304

(n,n') 2α

53-I -120

Radionuclide Production Cross Section



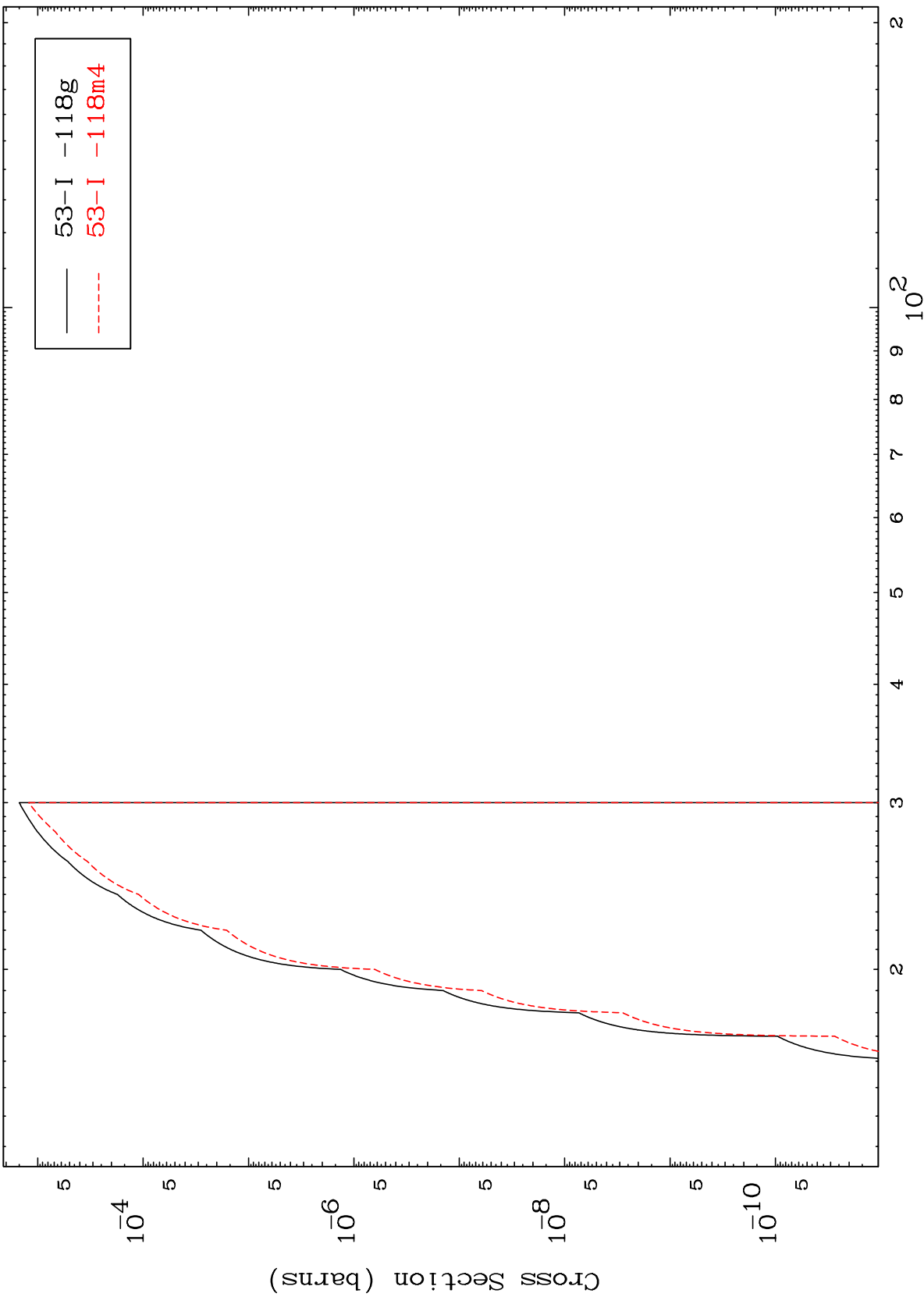
50-Sn-113g  
50-Sn-113m1

MAT 5304

(n,n') t

53-I -120

Radionuclide Production Cross Section



18

Incident Energy (MeV)

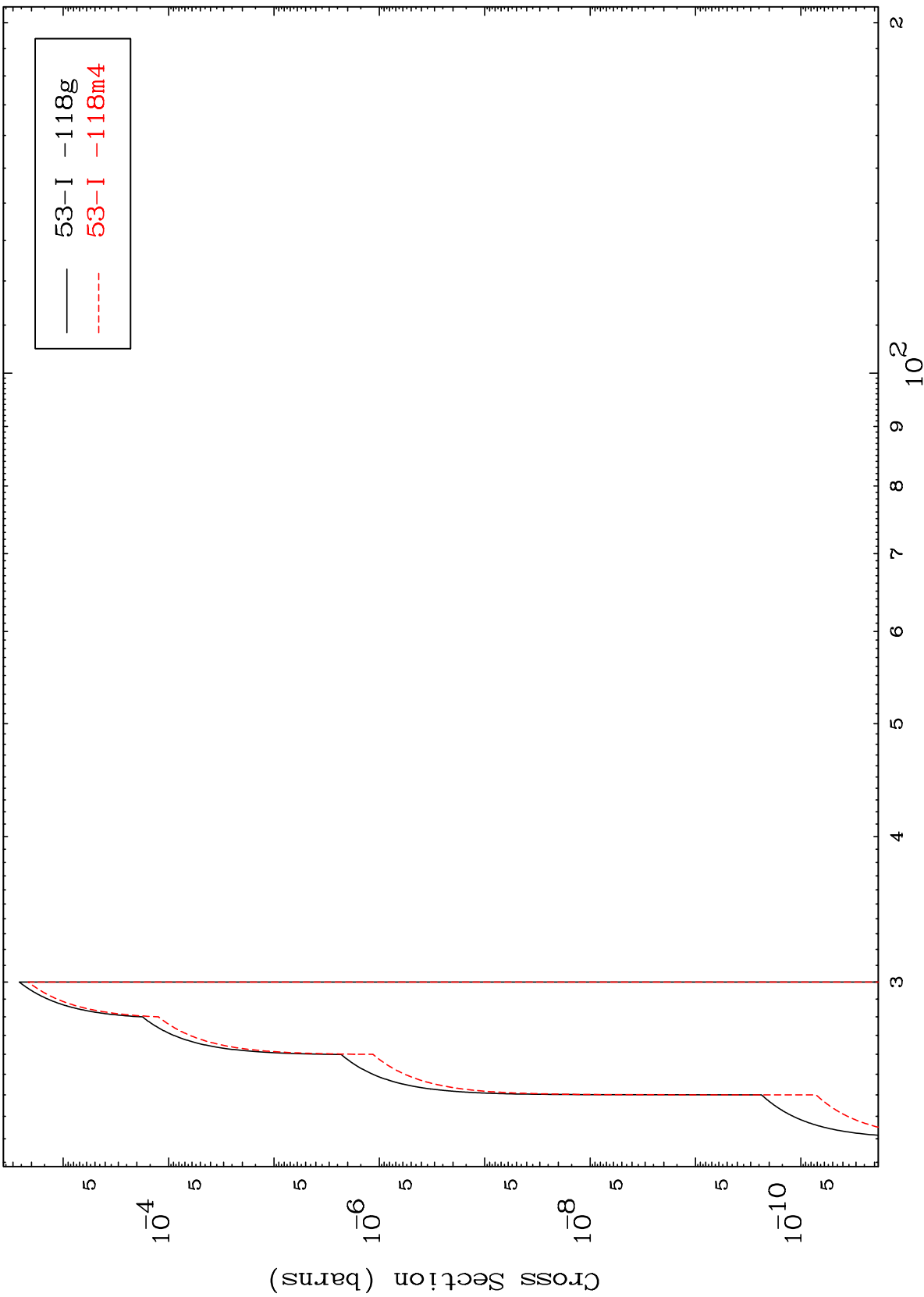
53-I -120

MAT 5304

(n,3n) p

53-I -120

Radionuclide Production Cross Section



19

Incident Energy (MeV)

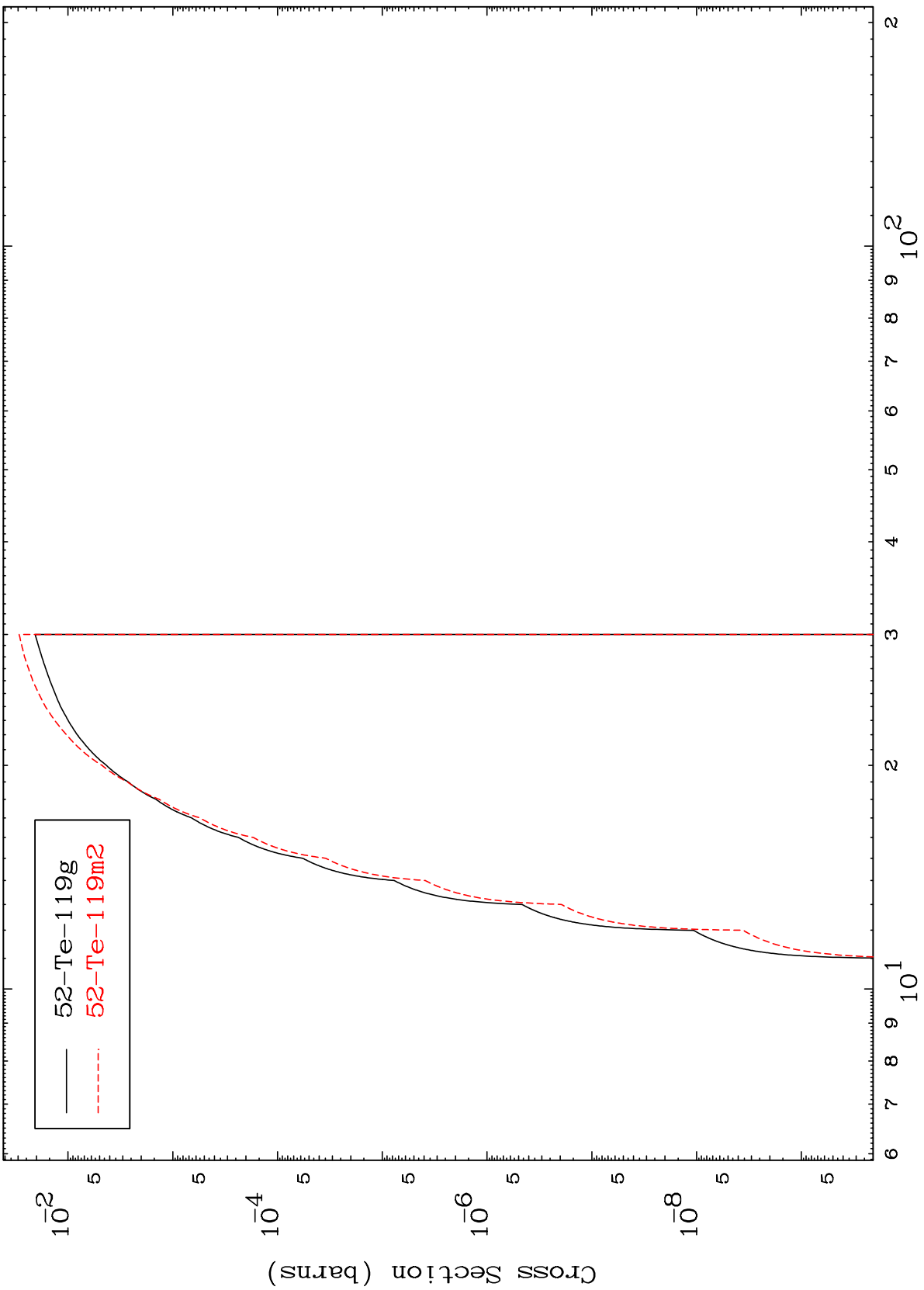
53-I -120

MAT 5304

(n,2n) p

53-I -120

Radionuclide Production Cross Section



52-Te-119g  
52-Te-119m2

20

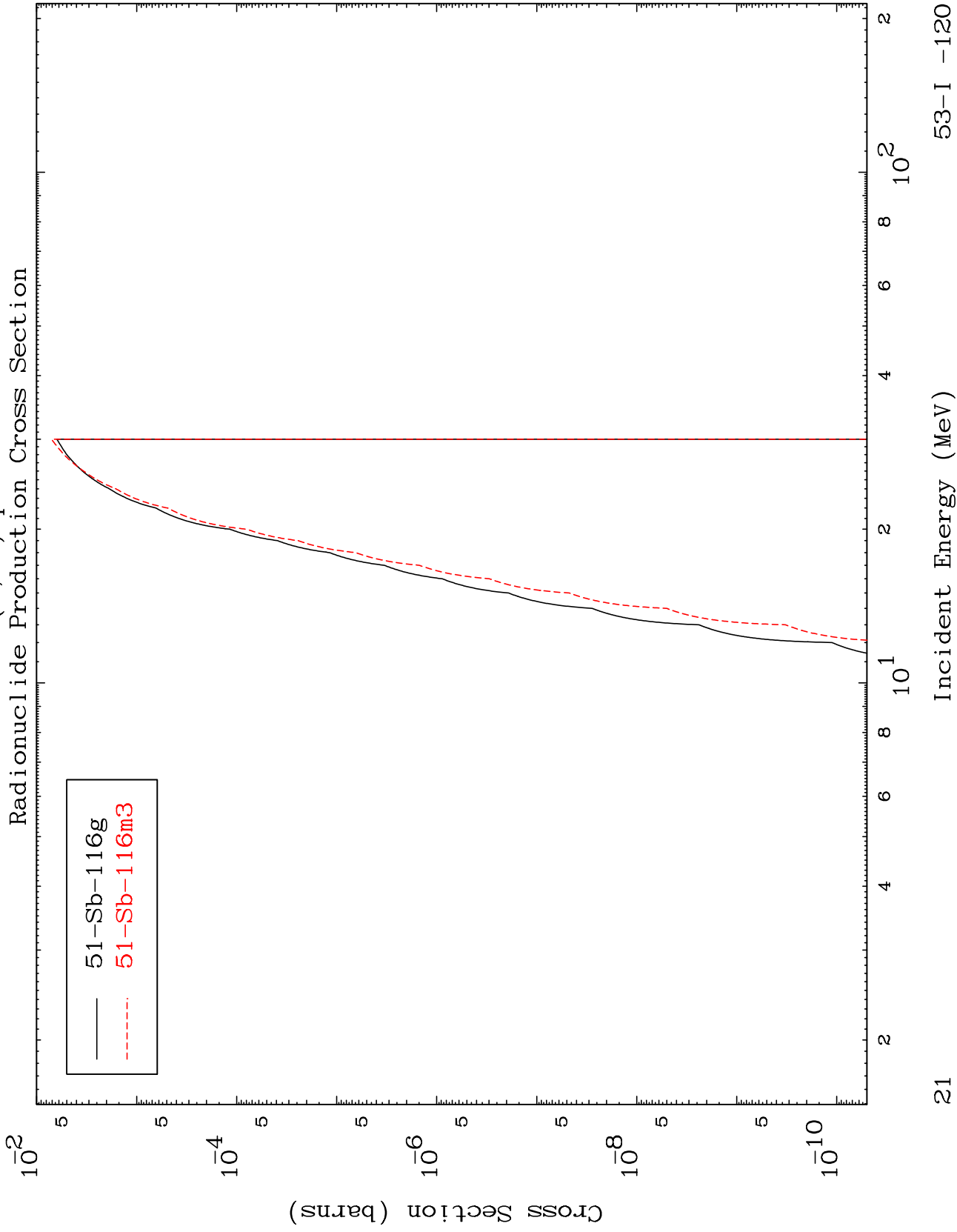
Incident Energy (MeV)

53-I -120

MAT 5304

(n,n') p  $\alpha$

53-I -120

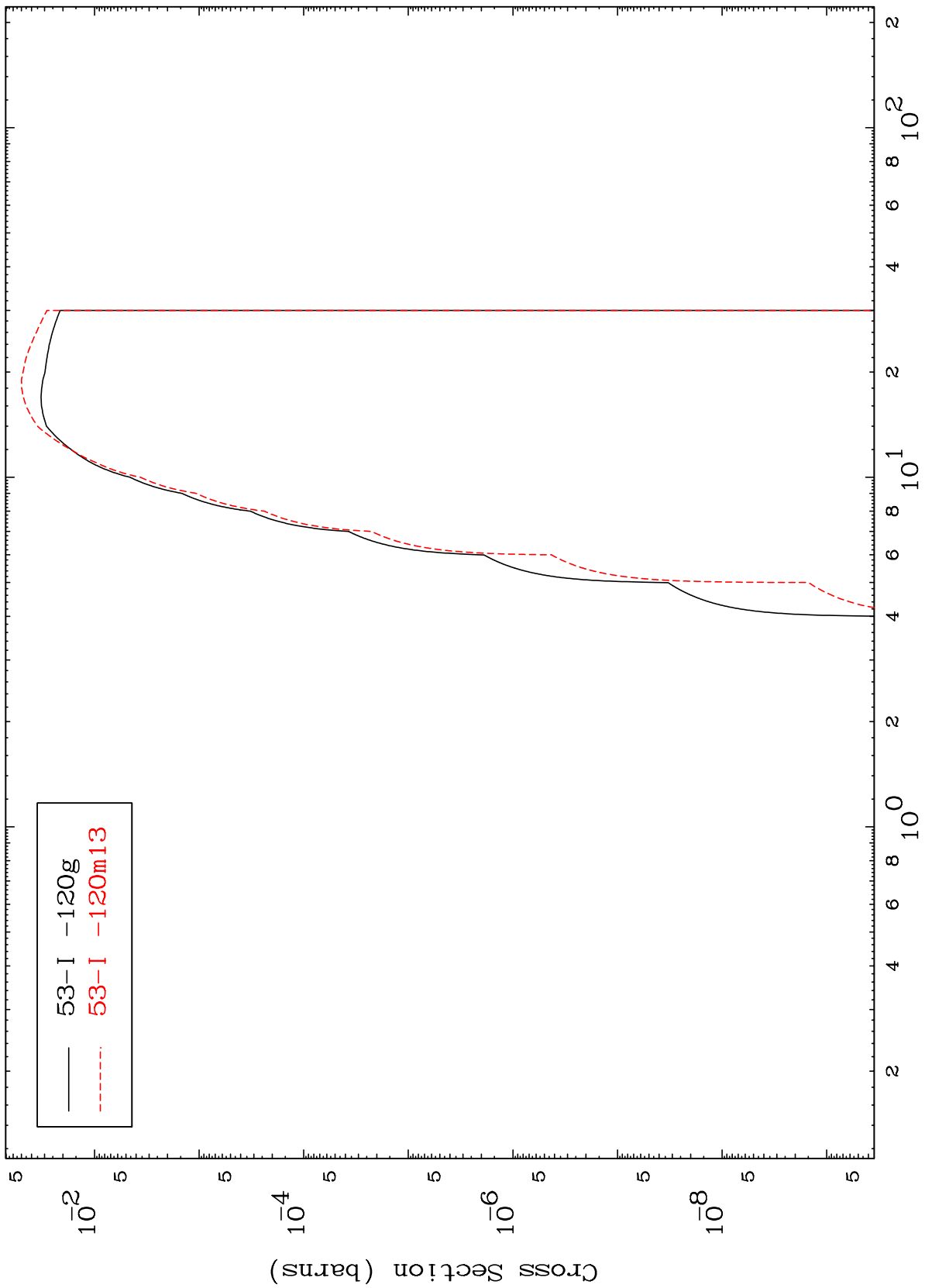


MAT 5304

(n,d)

53-I -120

Radionuclide Production Cross Section



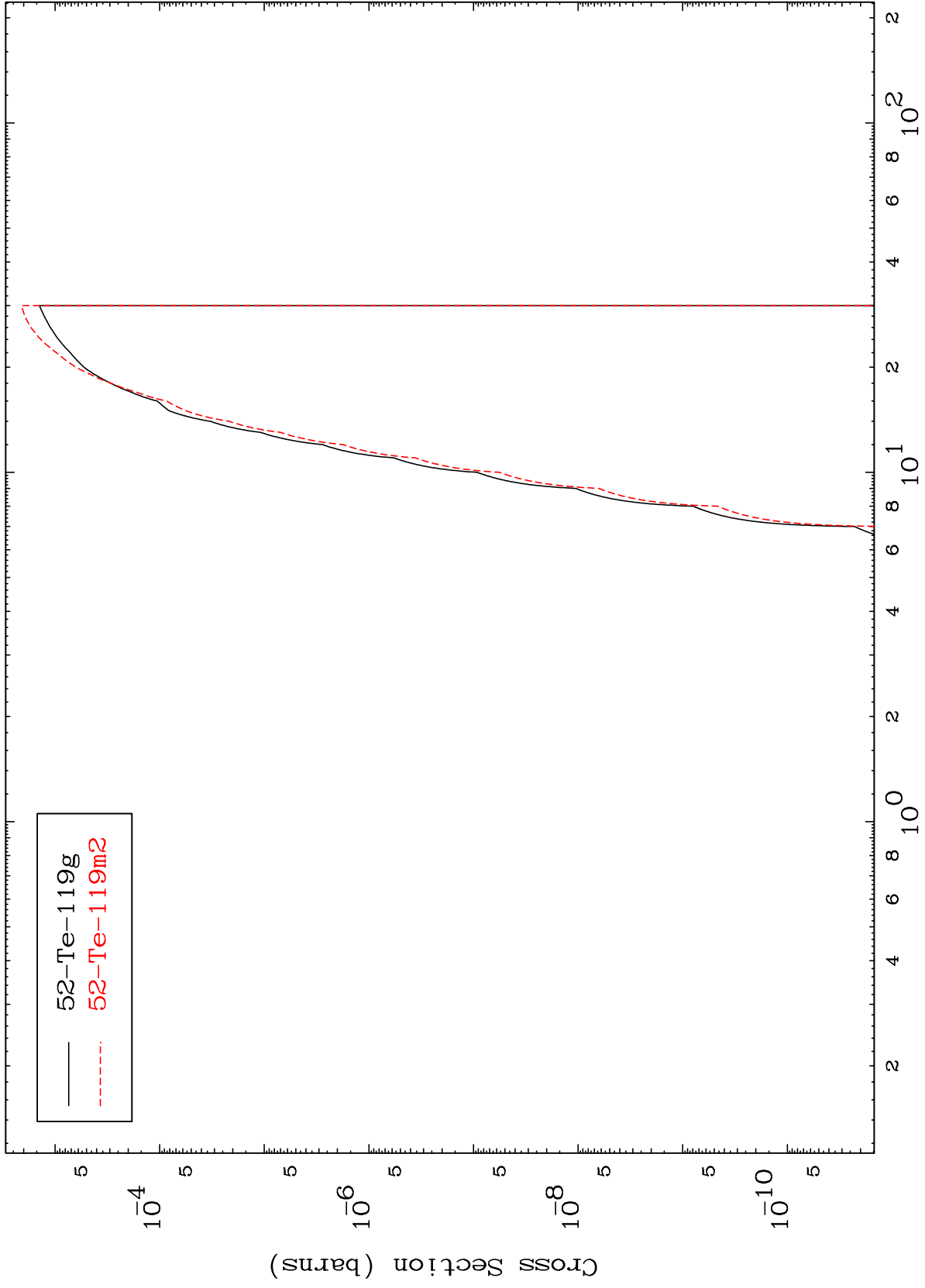
53-I -120g  
53-I -120m13

MAT 5304

(n,He-3)

53-I -120

Radionuclide Production Cross Section



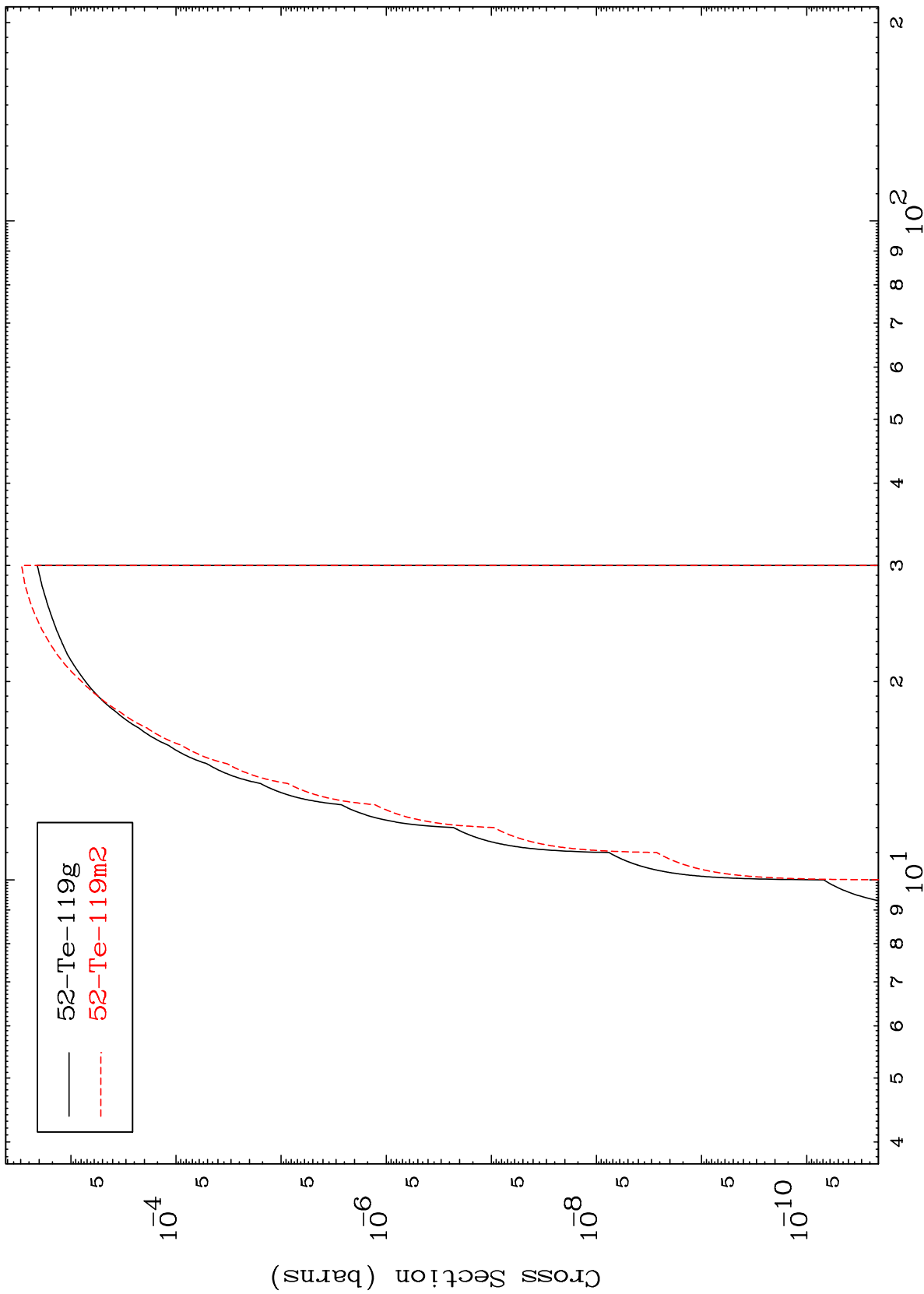


MAT 5304

(n,p) d

53-I -120

Radionuclide Production Cross Section



24

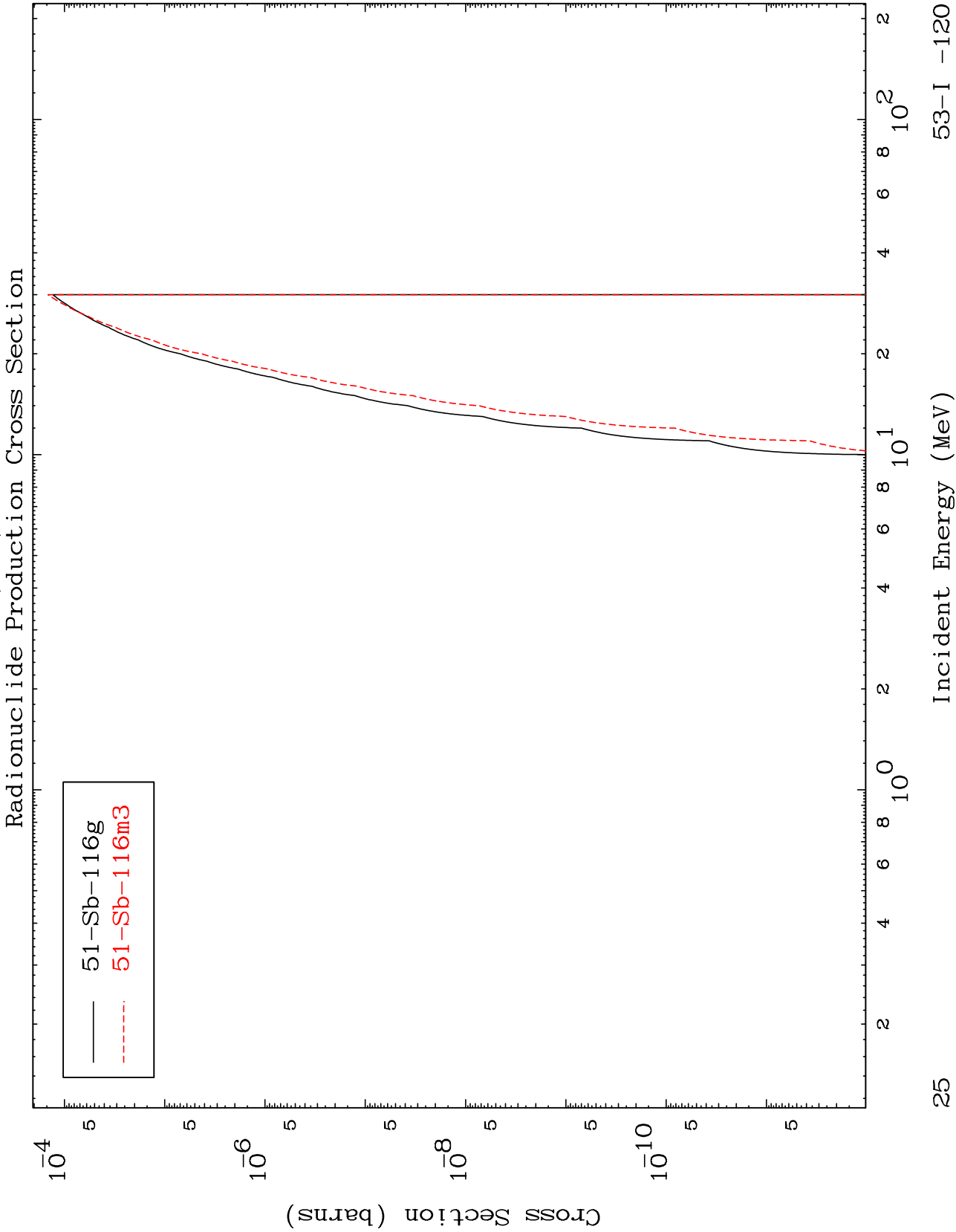
Incident Energy (MeV)

53-I -120

MAT 5304

(n,d)  $\alpha$

53-I -120



51-Sb-116g  
51-Sb-116m3