

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

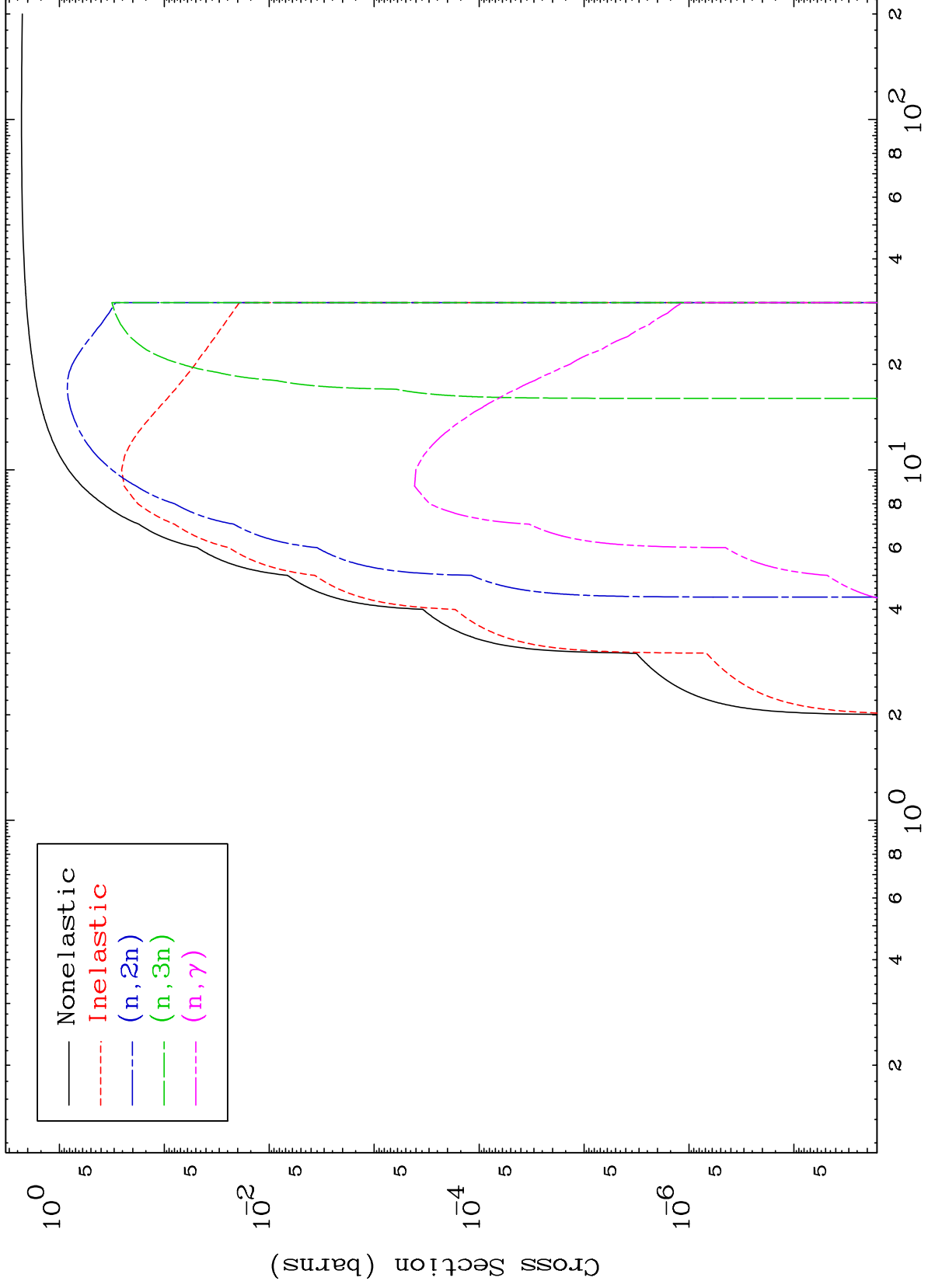
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Web:redcullen1.net/HOMEPAGE.NEW

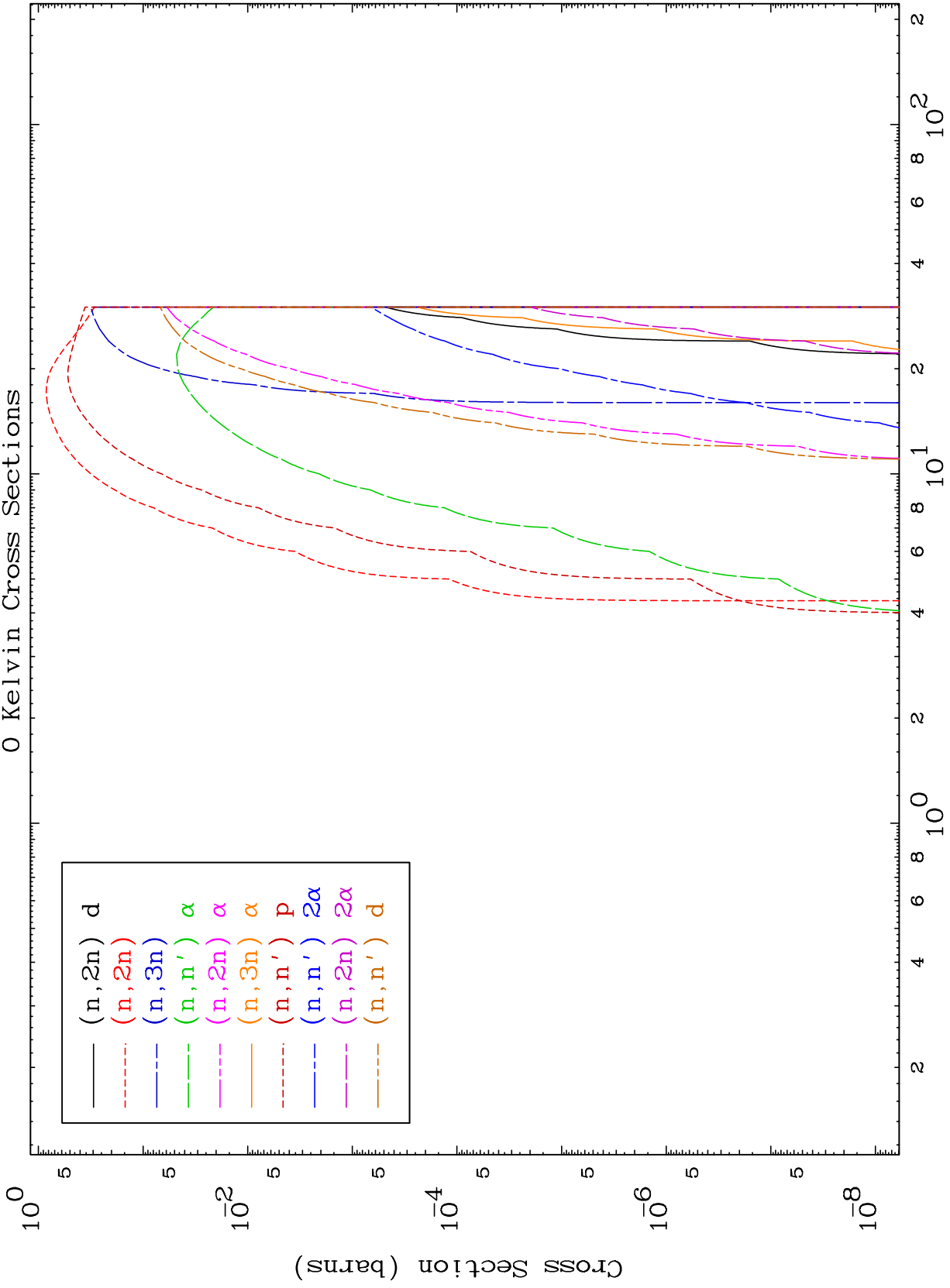
Press Mouse Button to Start

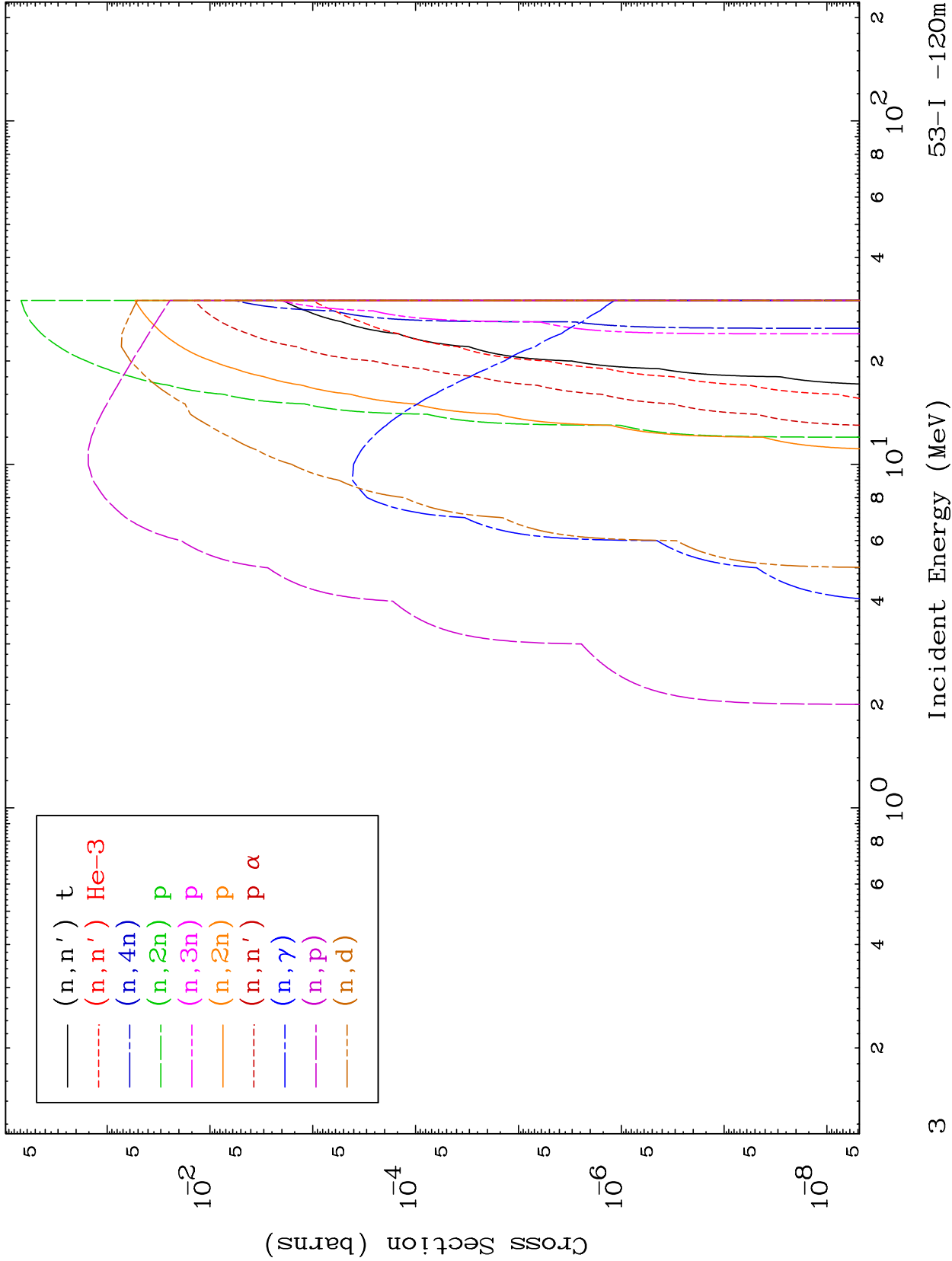


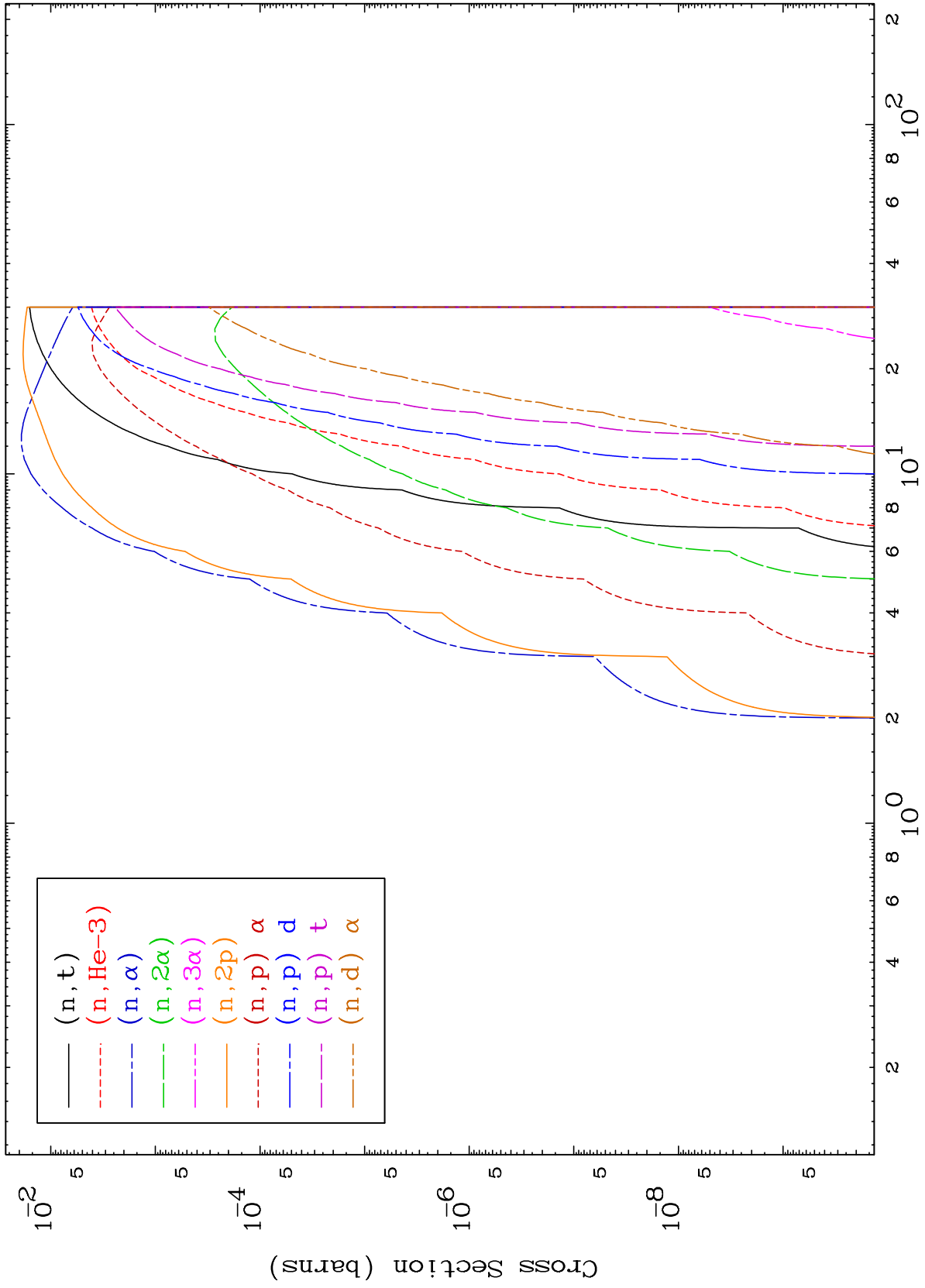
MAT 5305

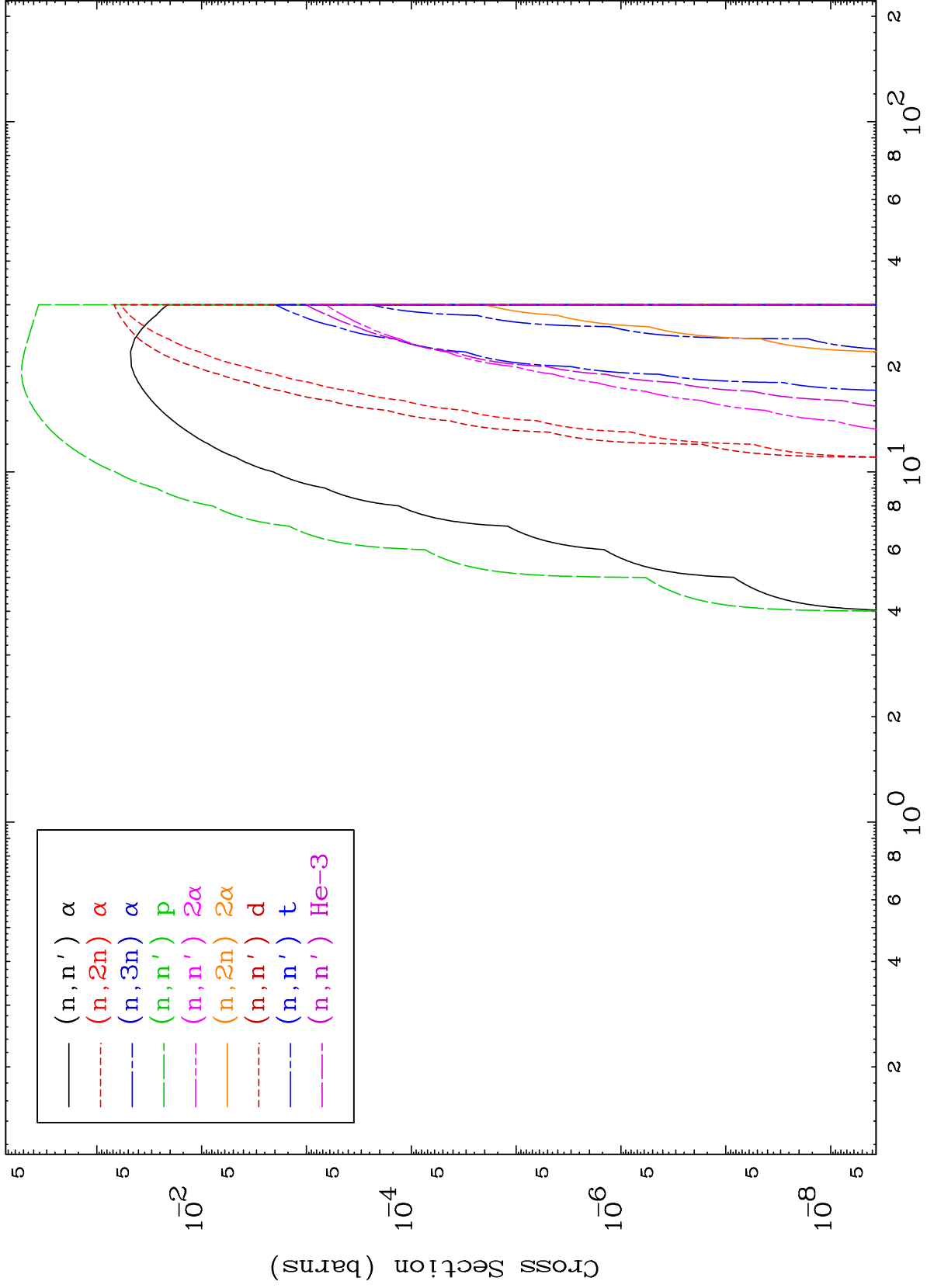
Deuteron Neutron Absorption
0 Kelvin Cross Sections

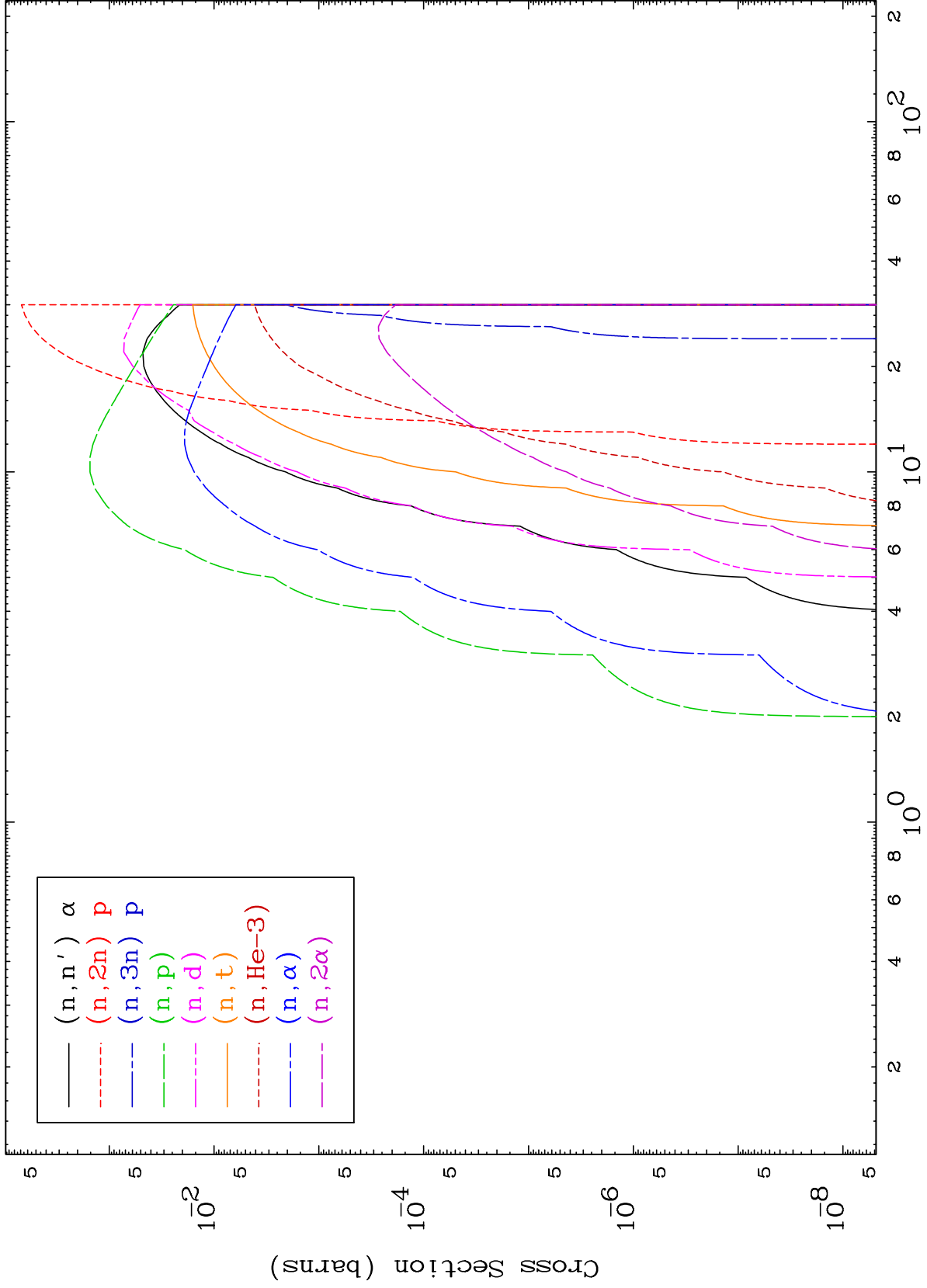
53-I -120m

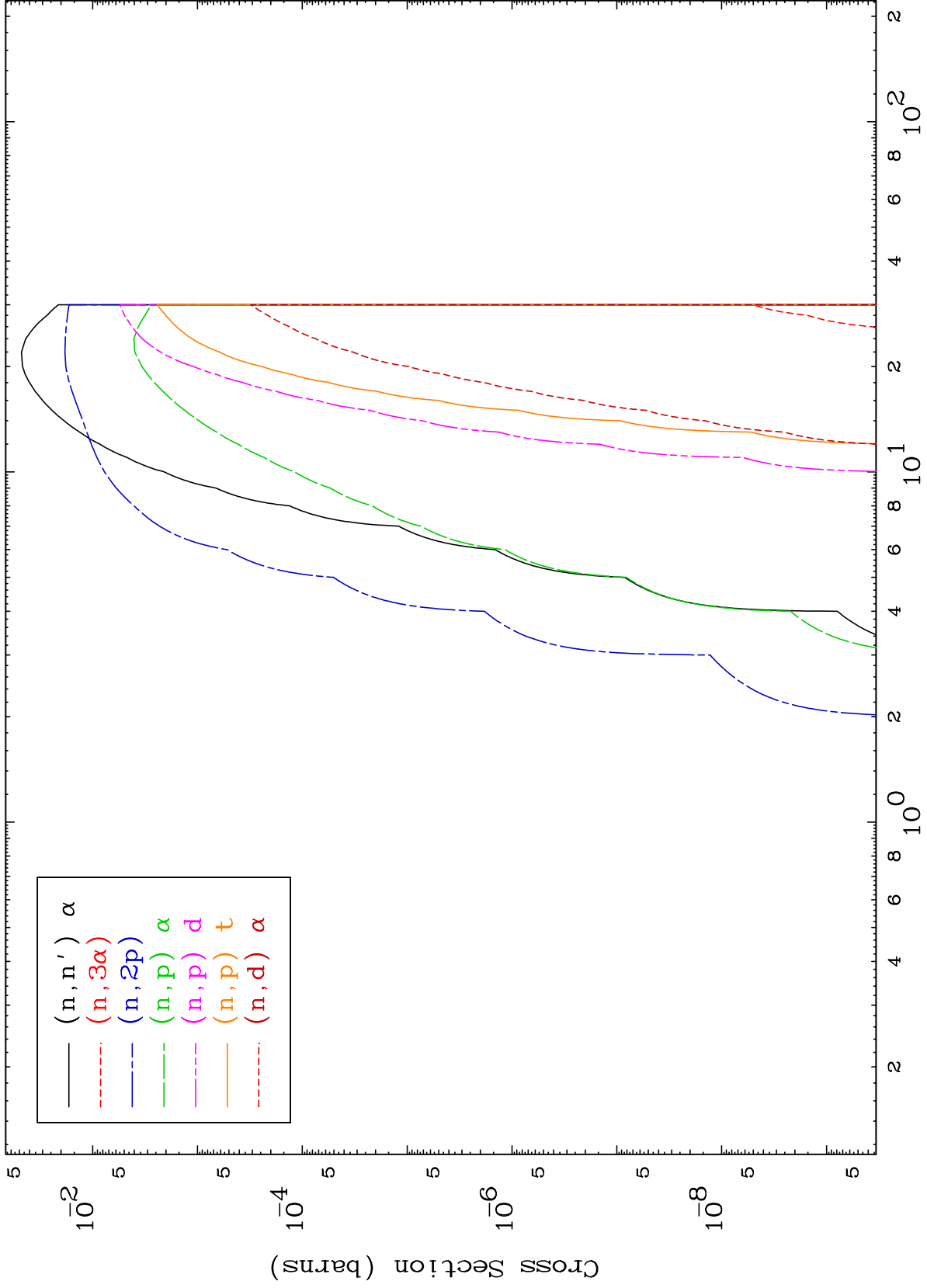










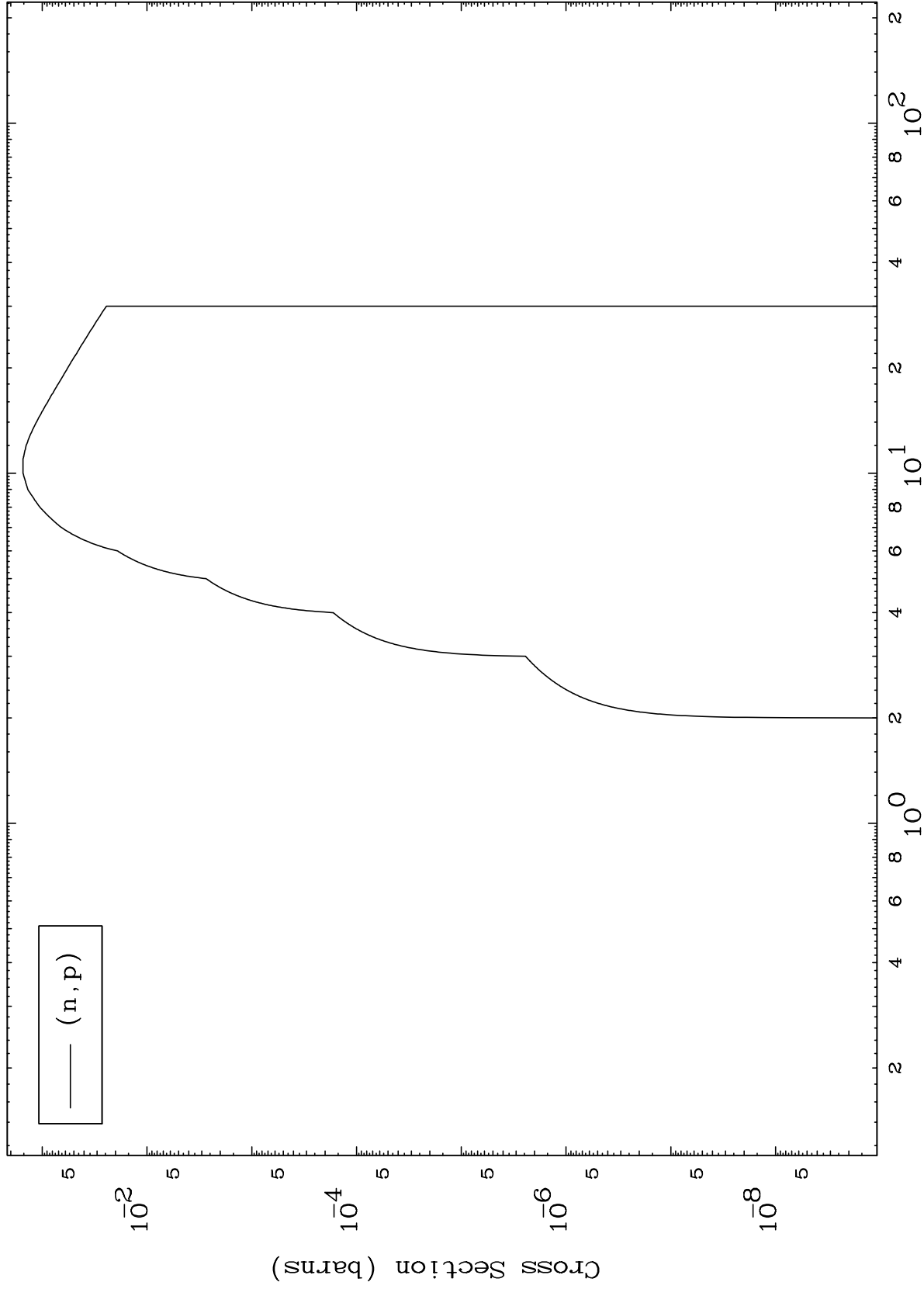


MAT 5305

(d,p) Levels

53-I -120m

0 Kelvin Cross Sections

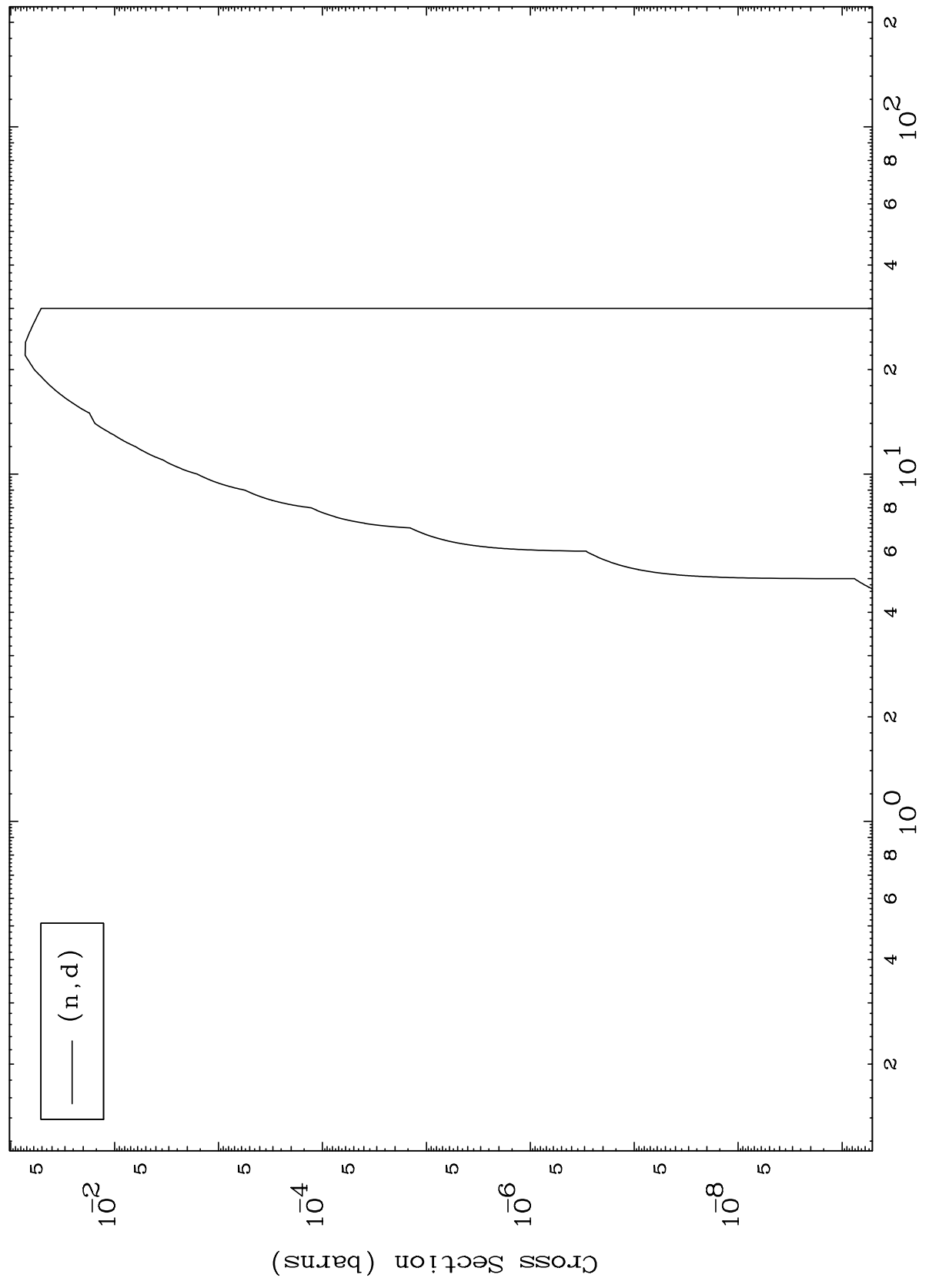


MAT 5305

(d,d) Levels

0 Kelvin Cross Sections

53-I -120m



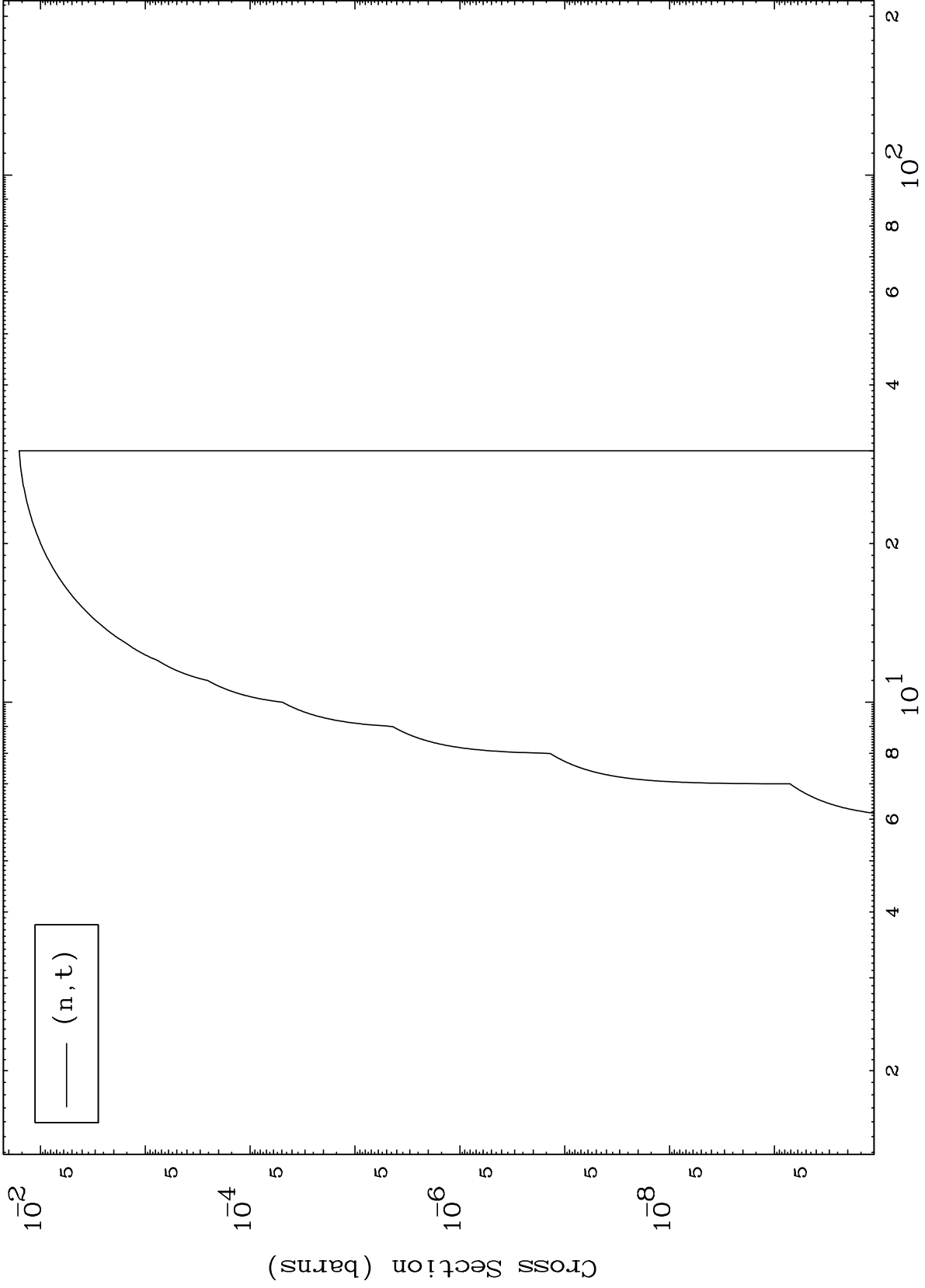
(n,d)

MAT 5305

(d,t) Levels

53-I -120m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

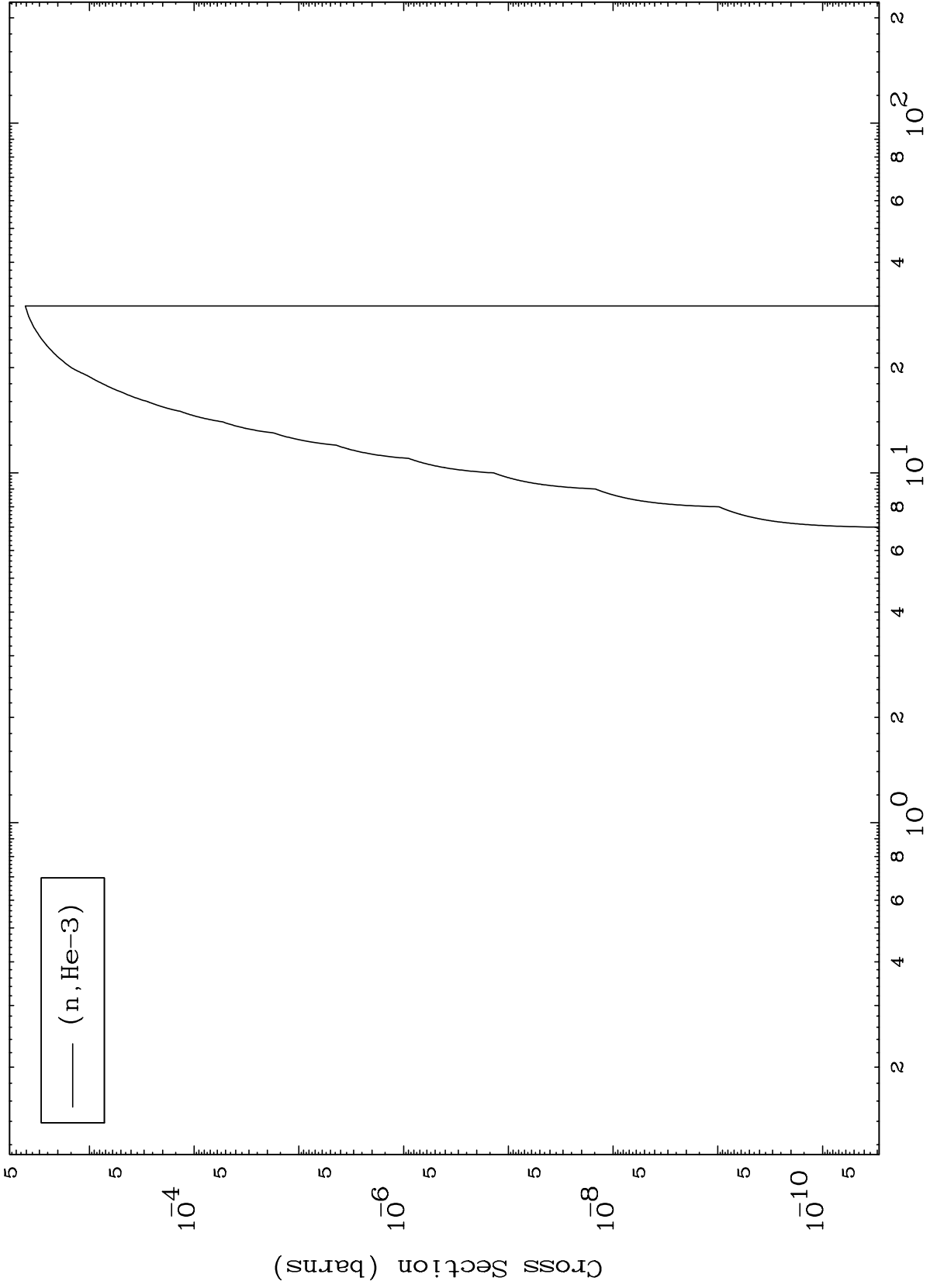
53-I -120m

MAT 5305

(d,He3) Levels

53-I -120m

0 Kelvin Cross Sections

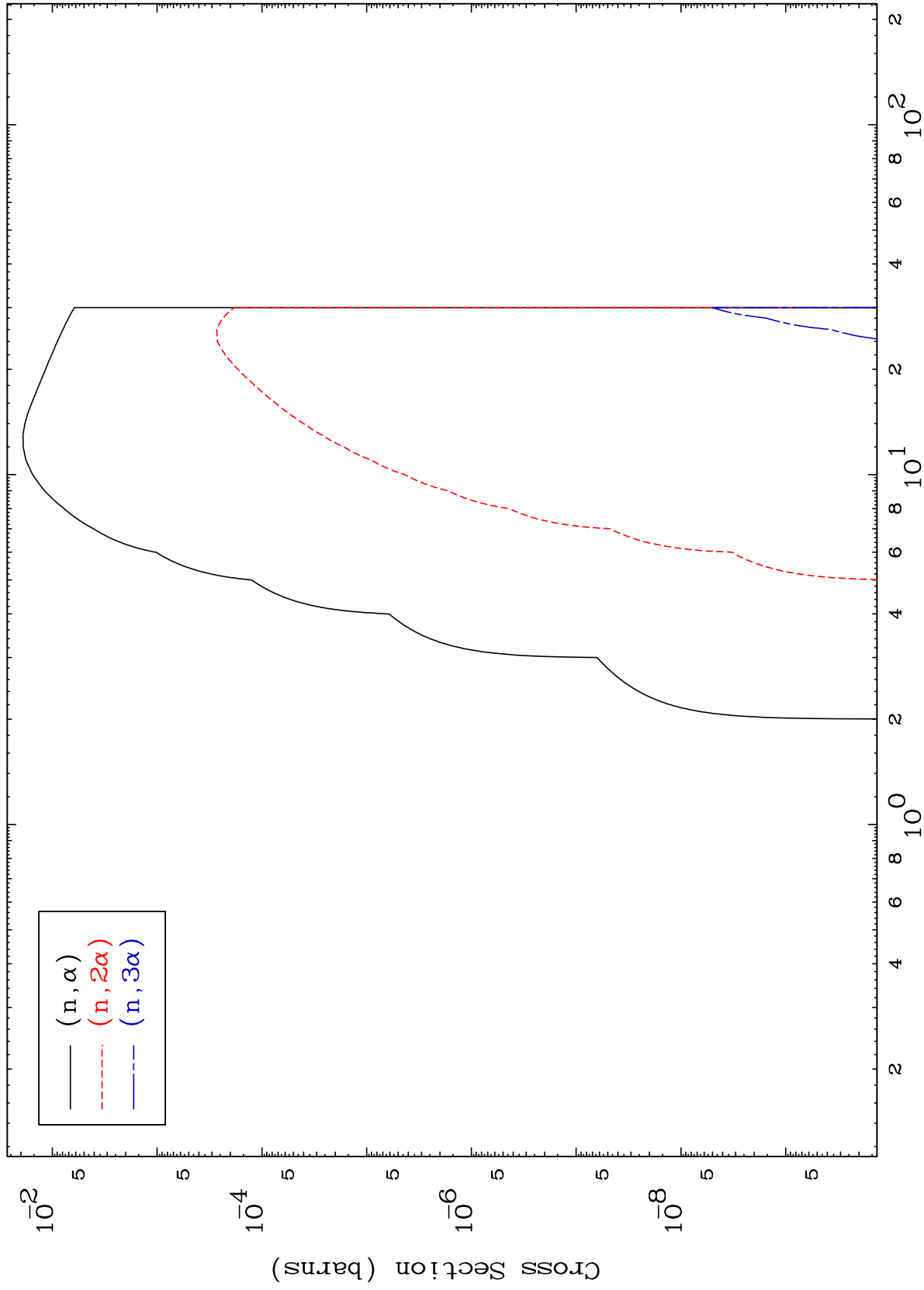


MAT 5305

(d, α) Levels

53-I -120m

0 Kelvin Cross Sections

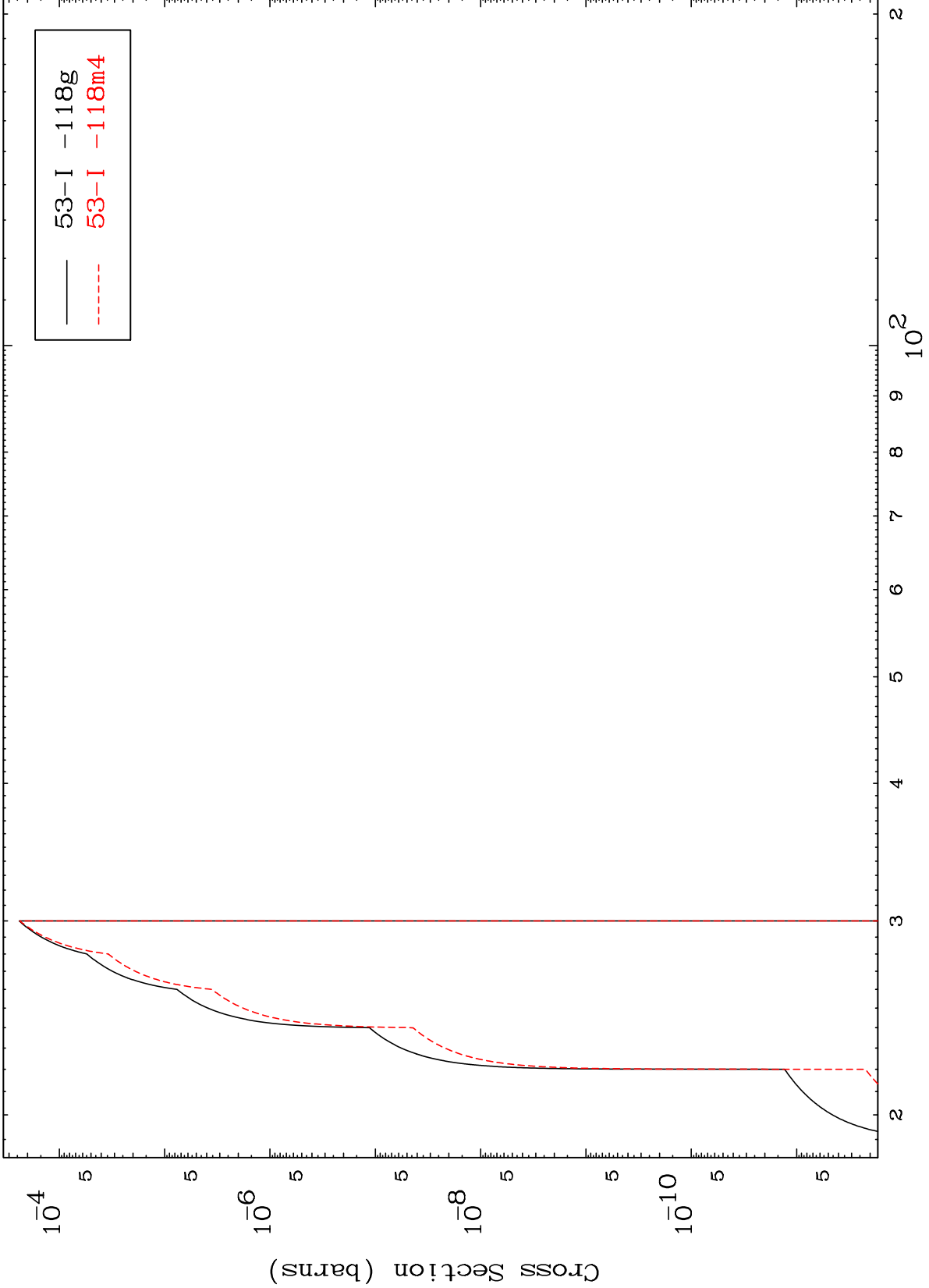


MAT 5305

(n,2n) d

53-I -120m

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

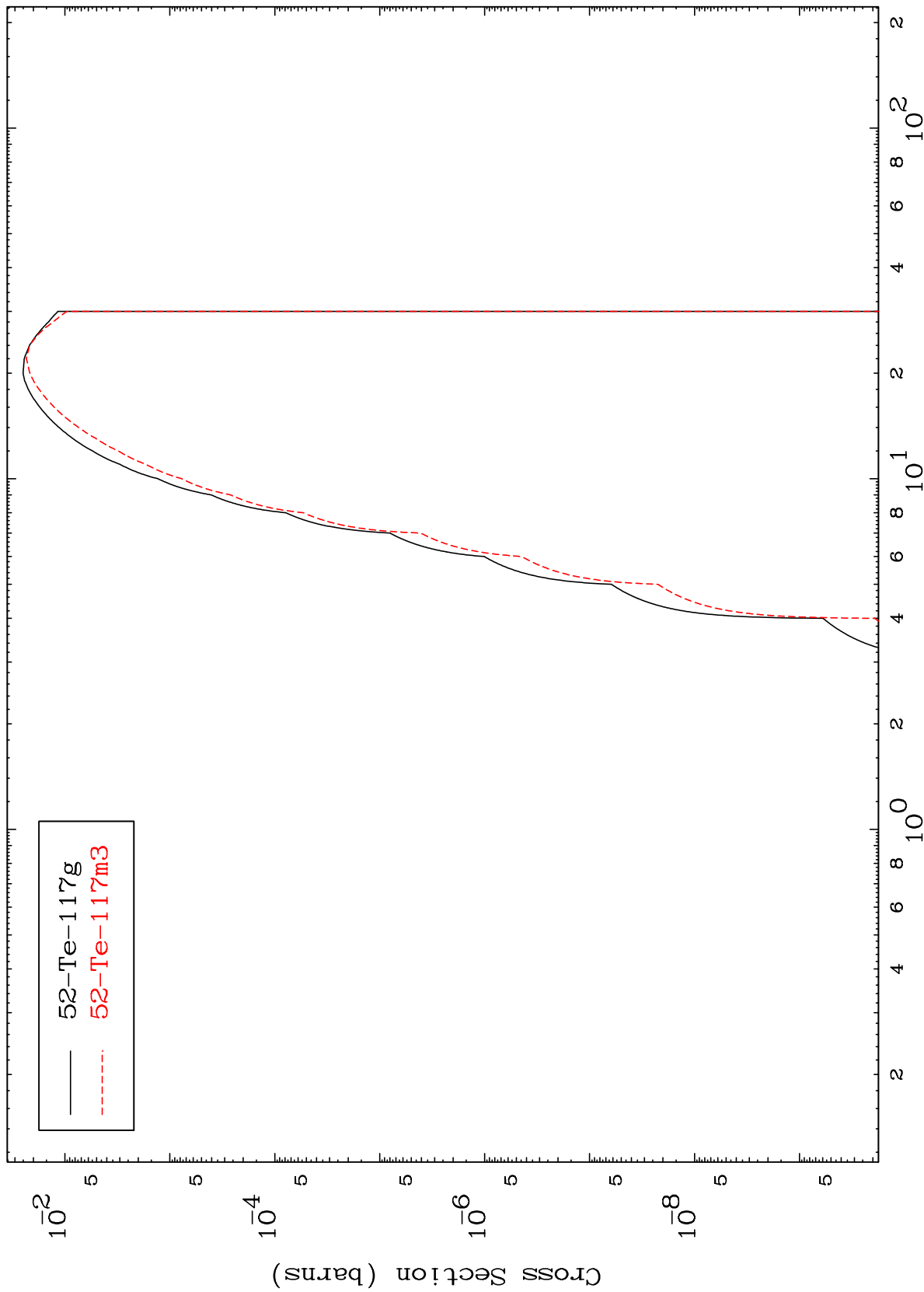
53-I -120m

MAT 5305

(n,n') α

53-I -120m

Radionuclide Production Cross Section

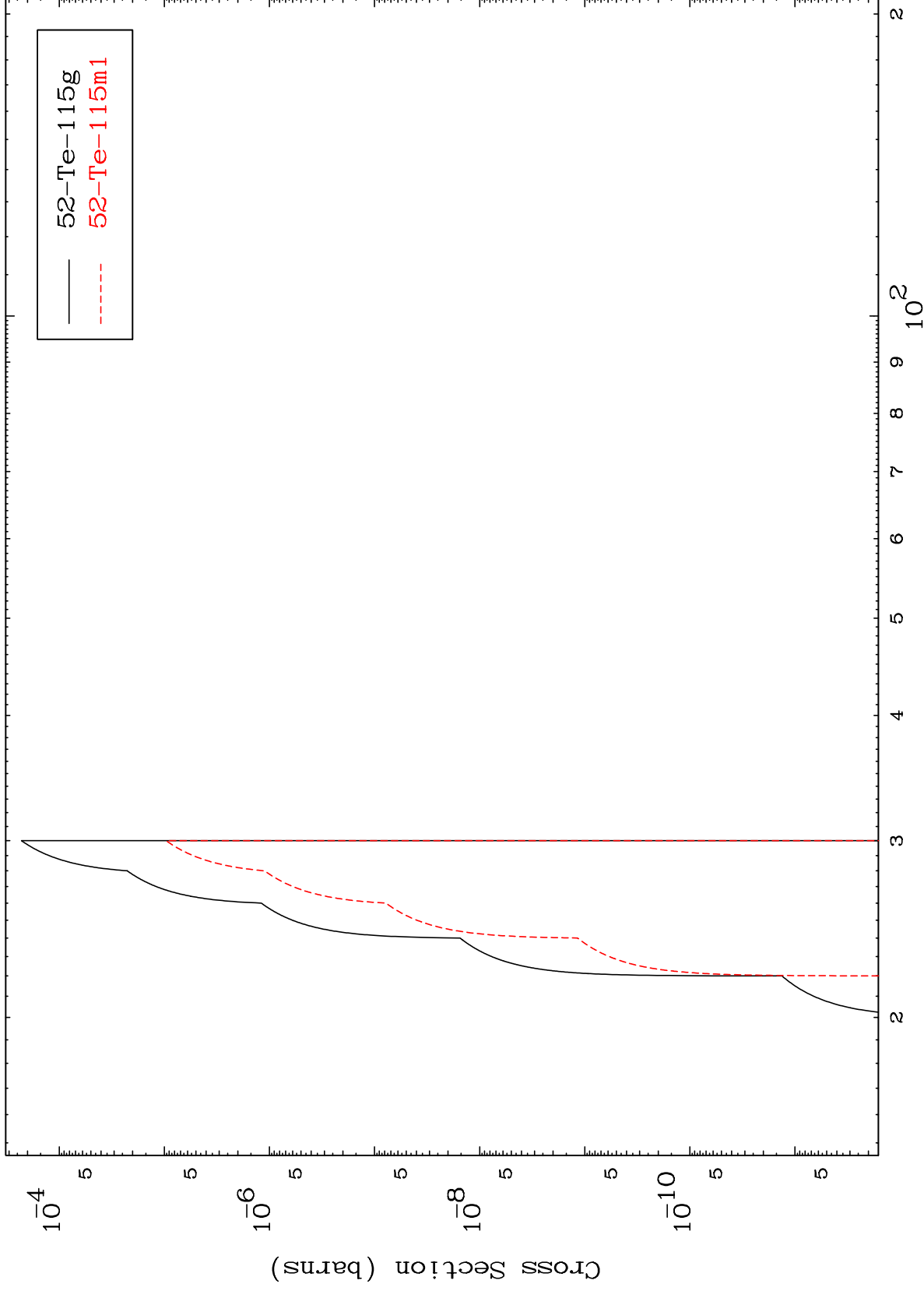


MAT 5305

(n,3n) α

53-I -120m

Radionuclide Production Cross Section



15

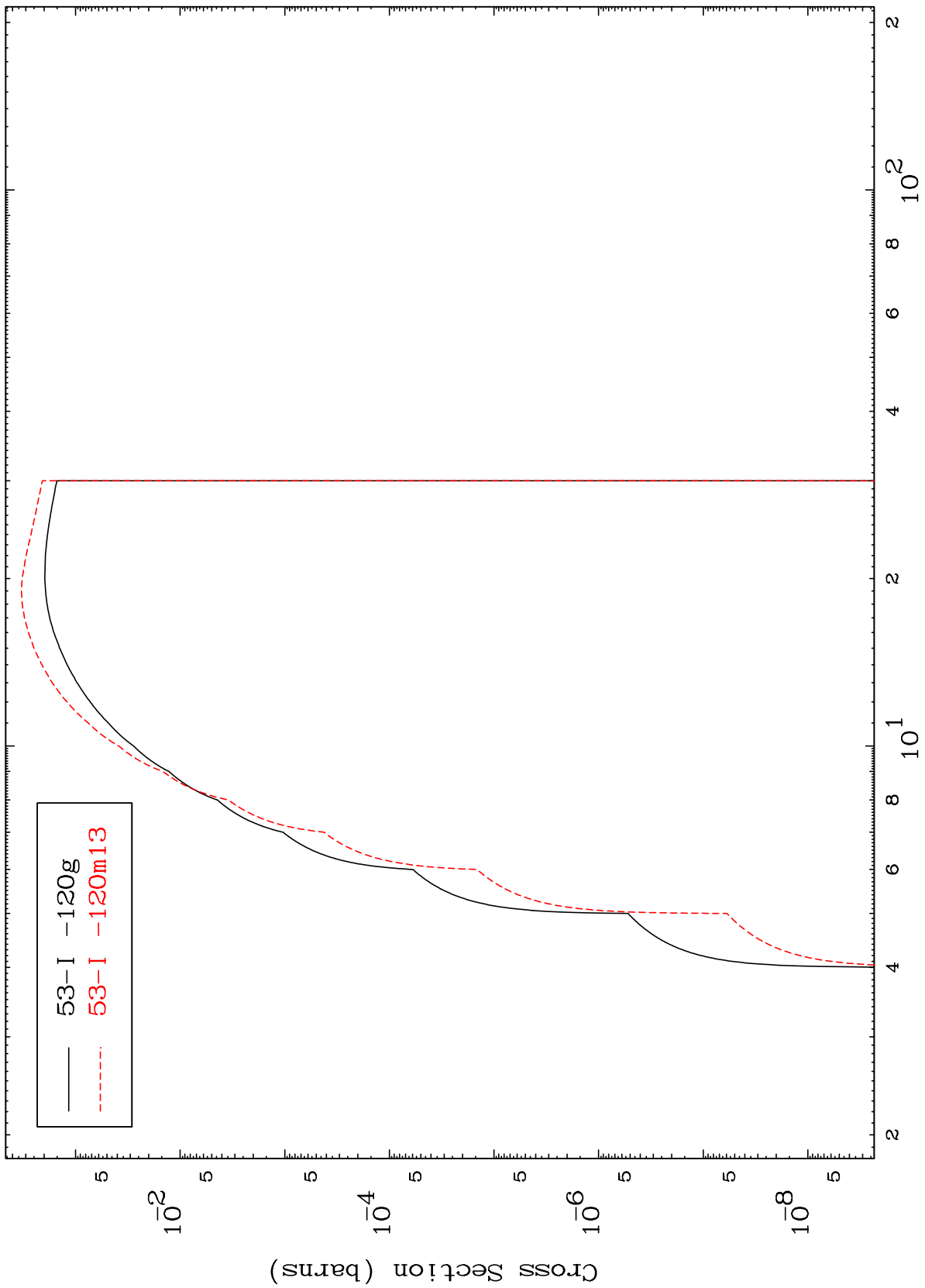
Incident Energy (MeV)

53-I -120m

MAT 5305

53-I -120m

Radionuclide Production Cross Section



16

53-I -120m

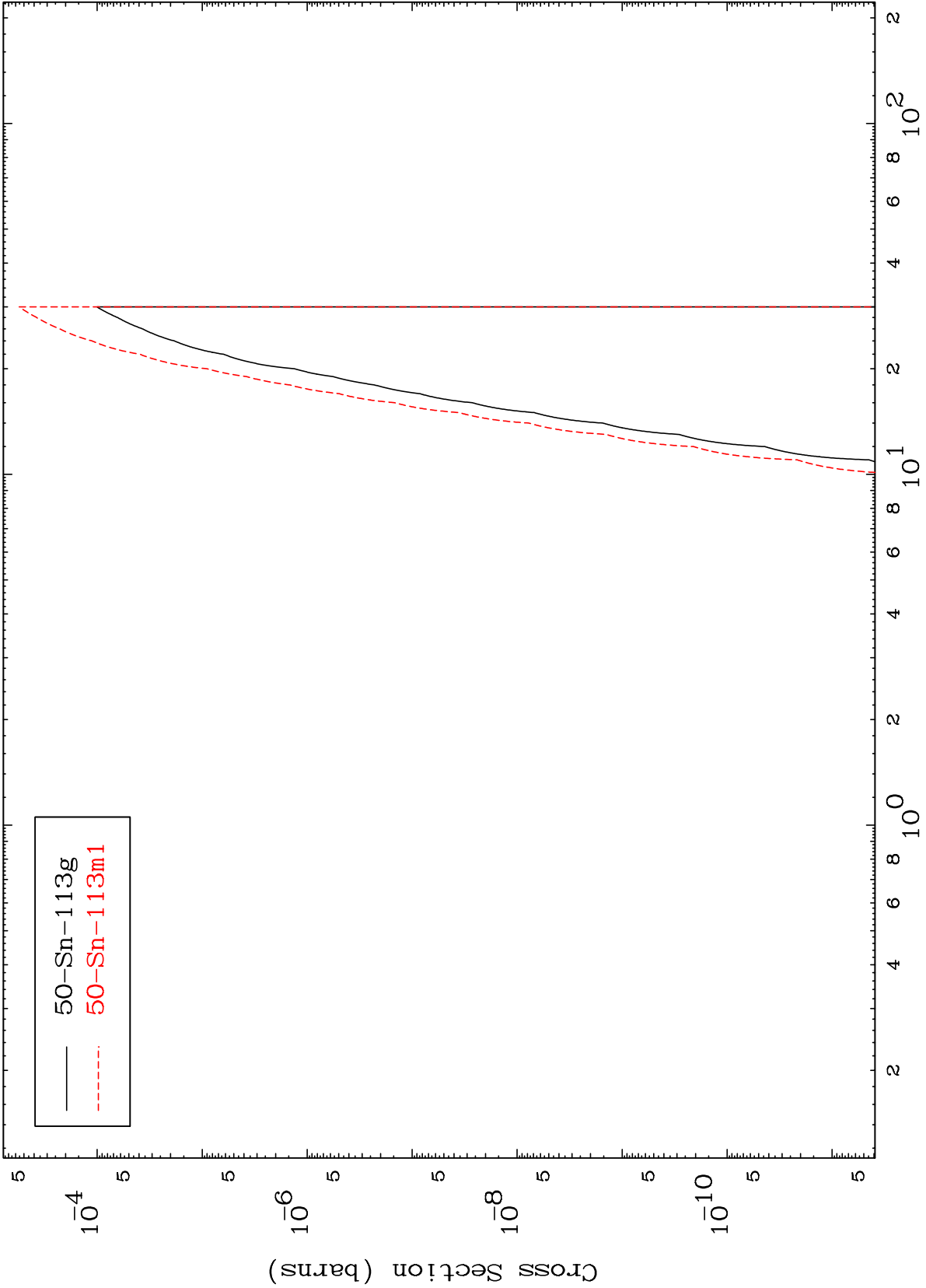
Incident Energy (MeV)

MAT 5305

(n,n') 2α

53-I -120m

Radionuclide Production Cross Section

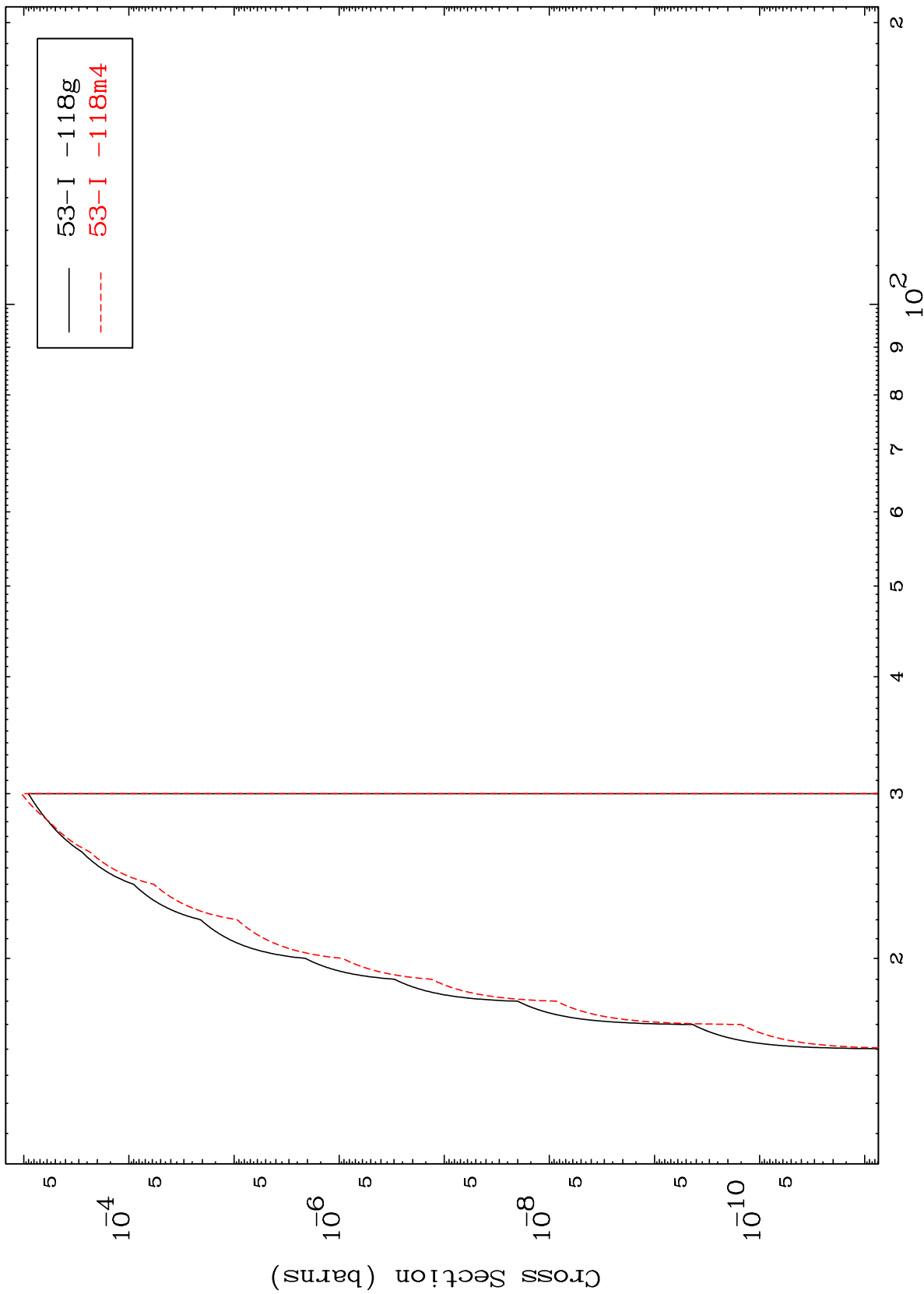


MAT 5305

(n,n') t

53-I -120m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

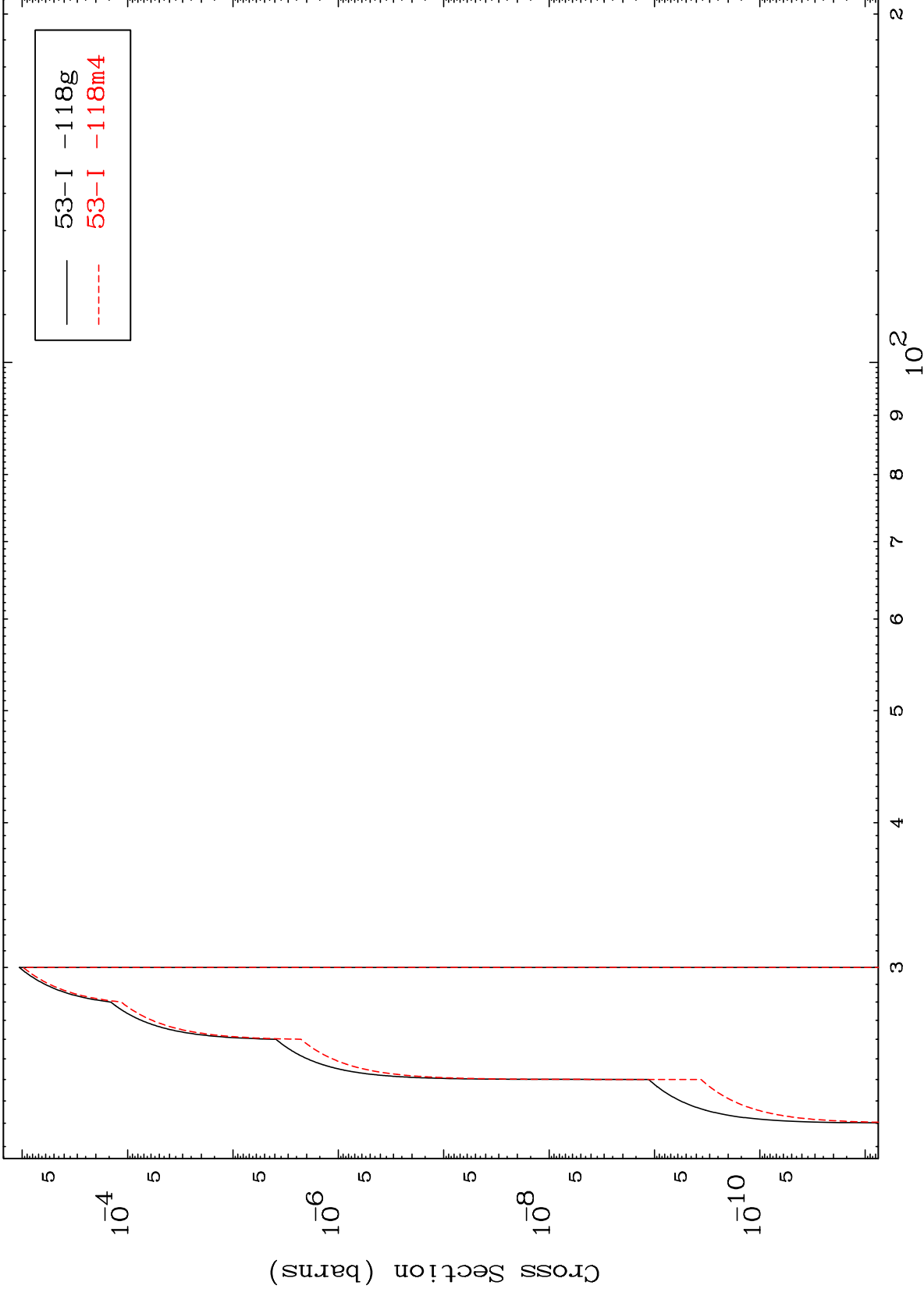
53-I -120m

MAT 5305

(n,3n) p

53-I -120m

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

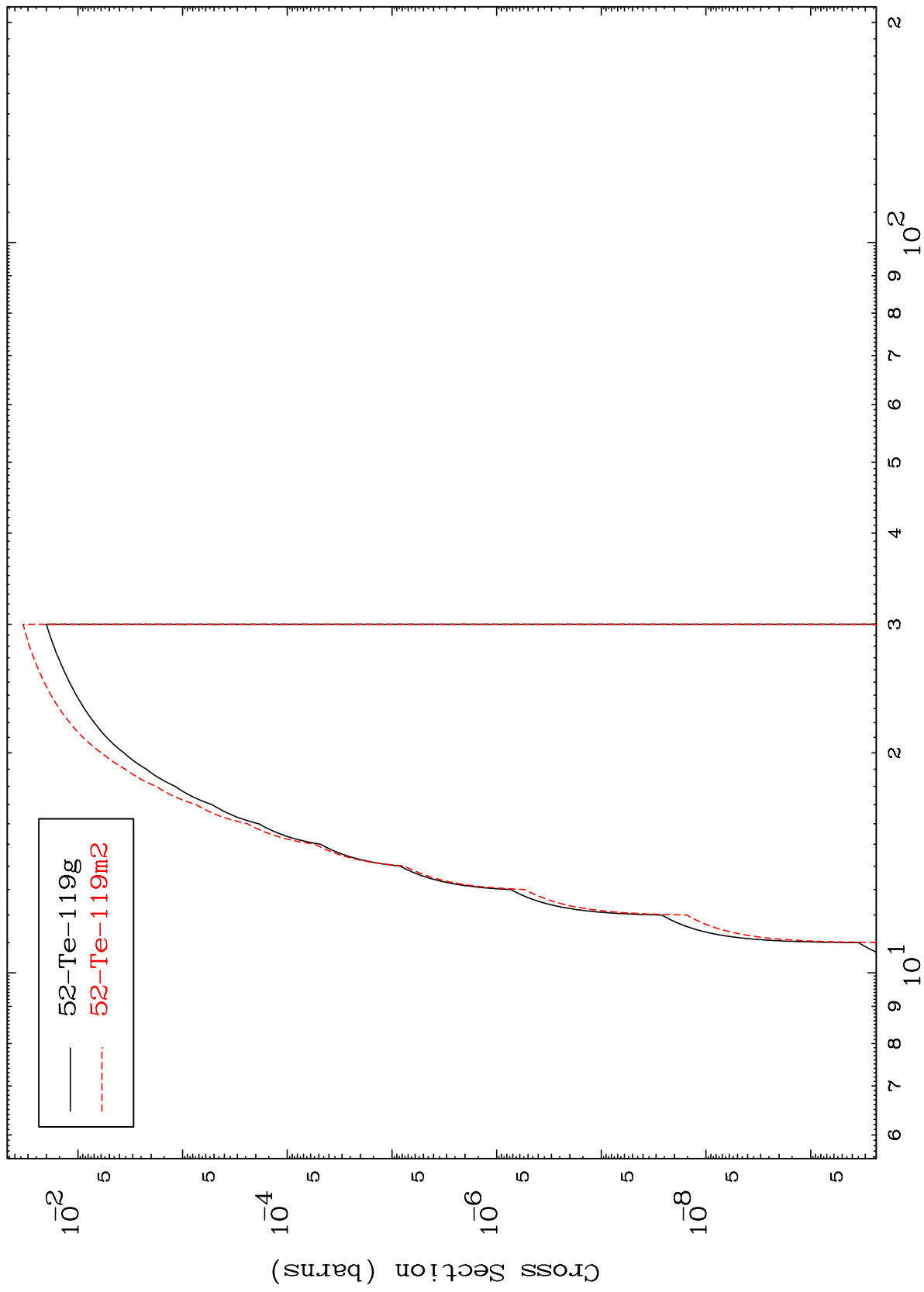
53-I -120m

MAT 5305

(n,2n) p

53-I -120m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

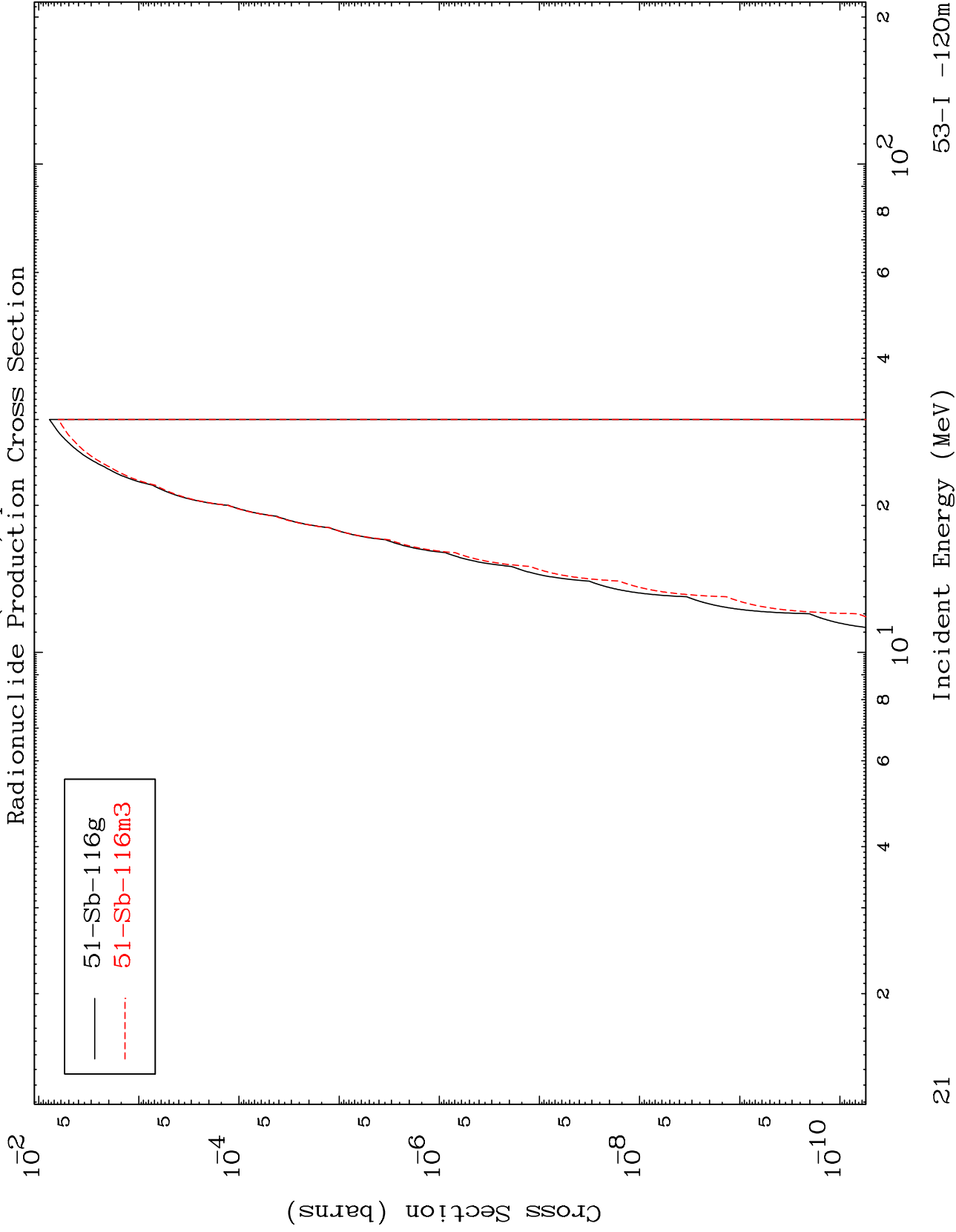
53-I -120m

20

MAT 5305

(n,n') p α

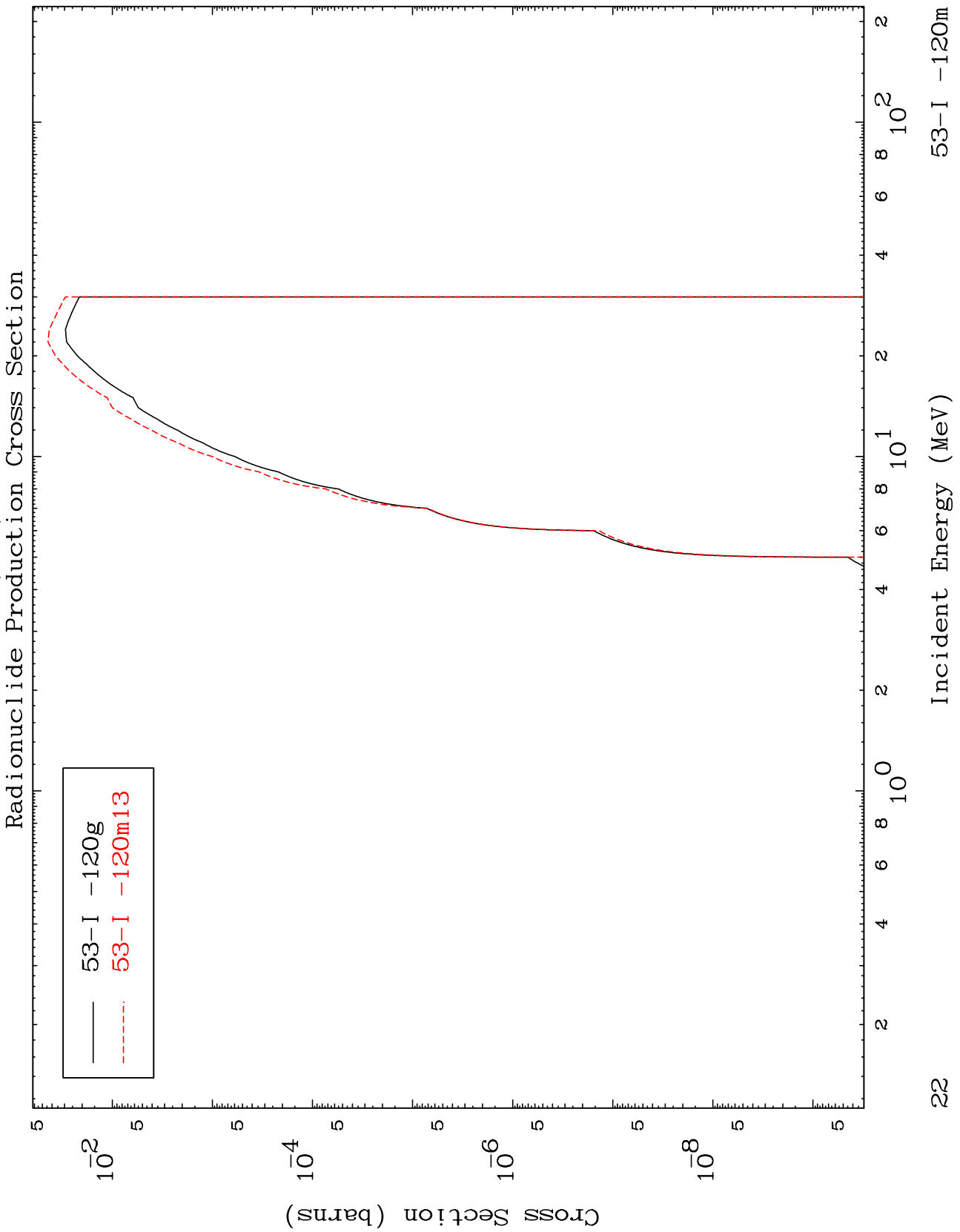
53-I -120m



MAT 5305

(n,d)

53-I -120m

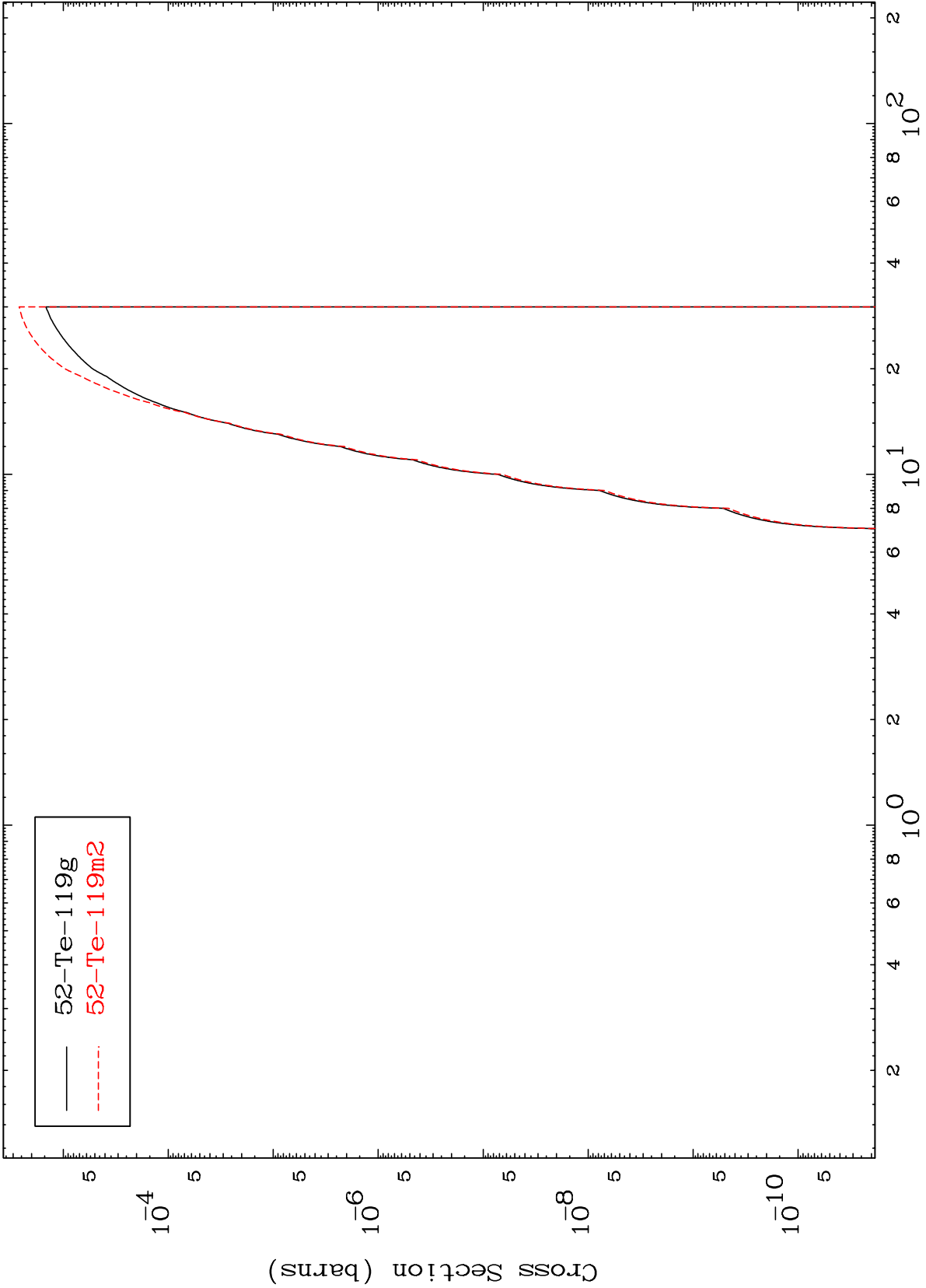


MAT 5305

(n,He-3)

53-I -120m

Radionuclide Production Cross Section



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

Incident Energy (MeV)

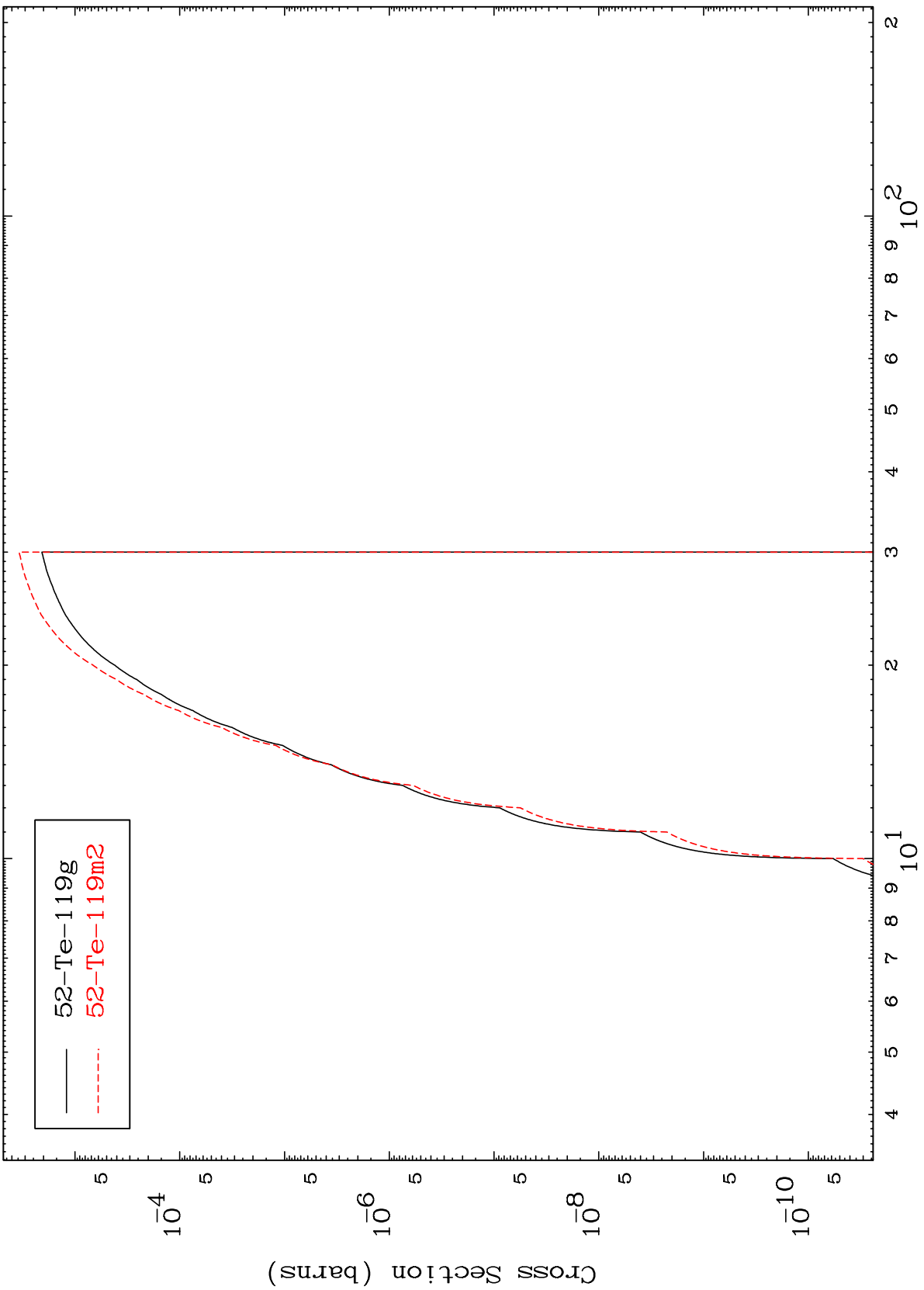
53-I -120m

MAT 5305

(n,p) d

53-I -120m

Radionuclide Production Cross Section



24

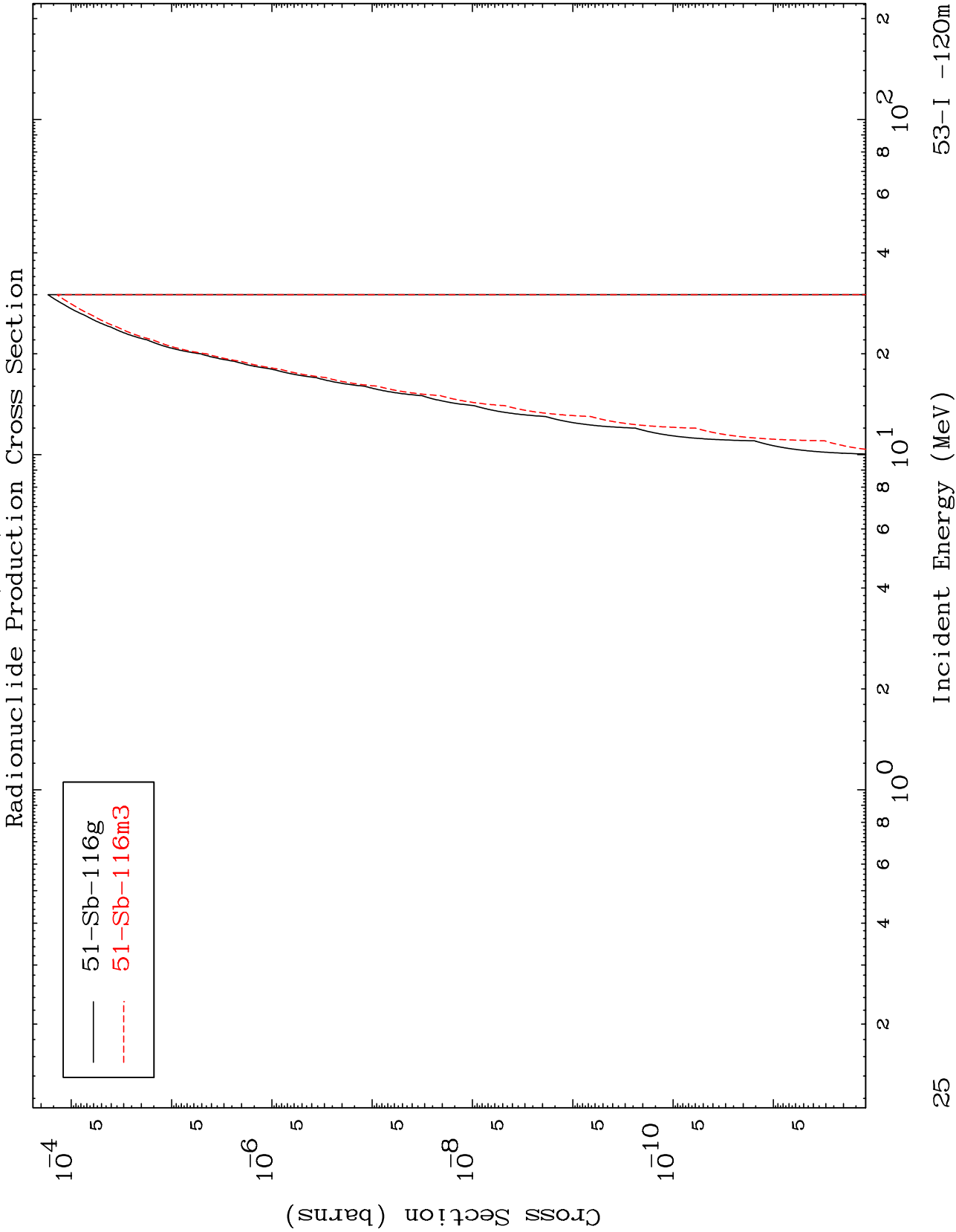
Incident Energy (MeV)

53-I -120m

MAT 5305

(n,d) α

53-I -120m



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