

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

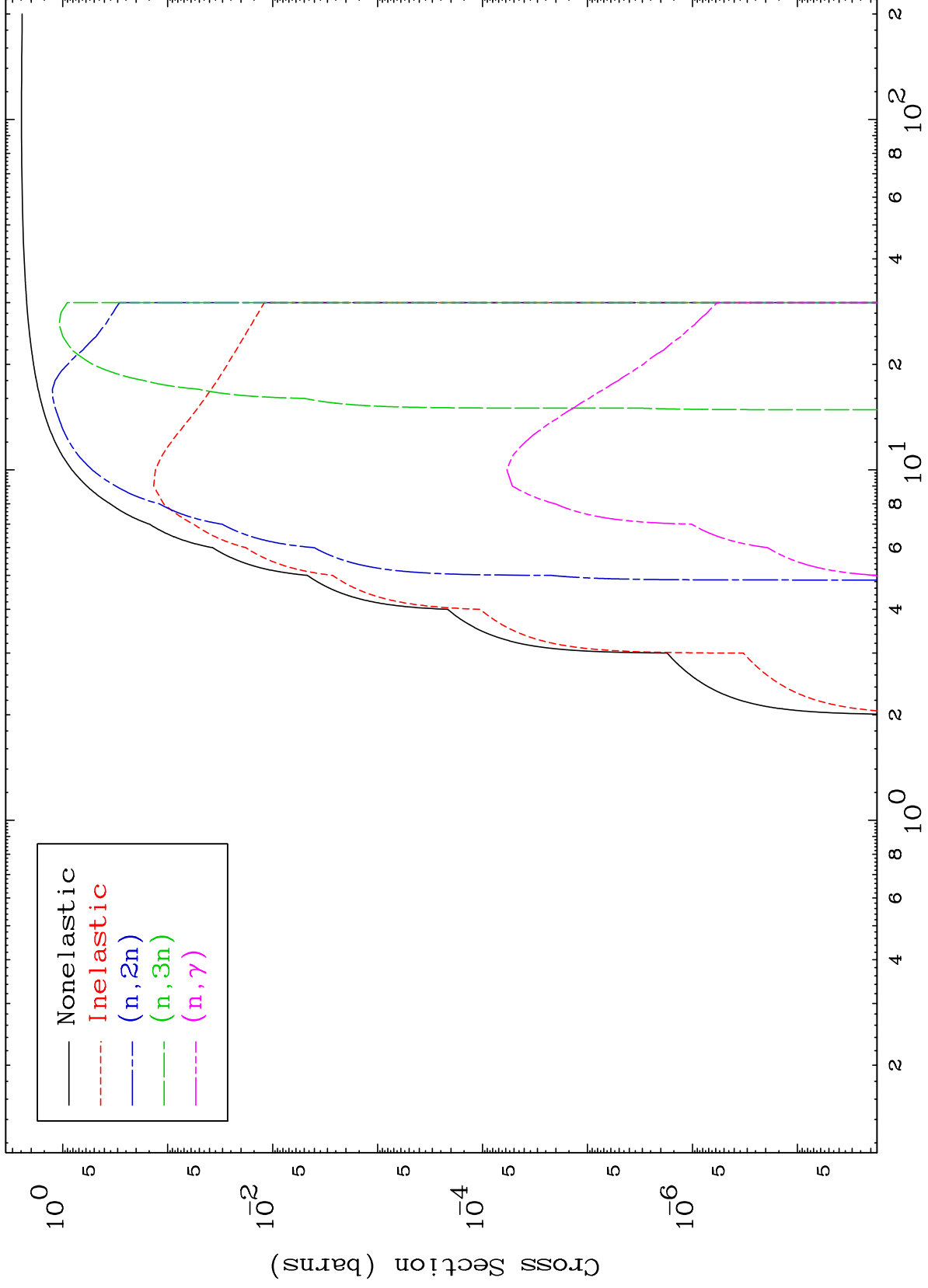
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5635

Deuteron Major
0 Kelvin Cross Sections

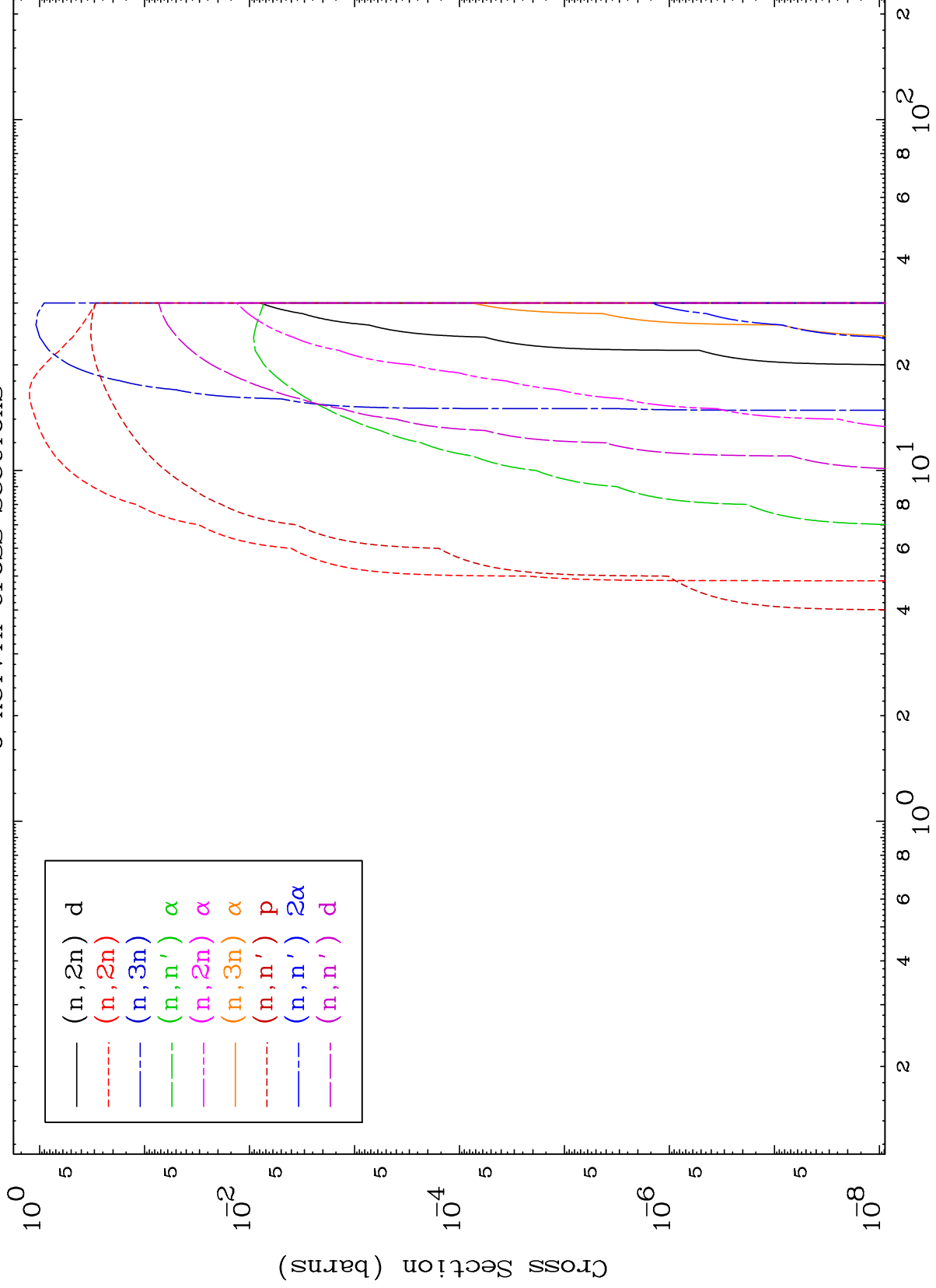
56-Ba-133m



MAT 5635

Deuteron Neutron Absorption
0 Kelvin Cross Sections

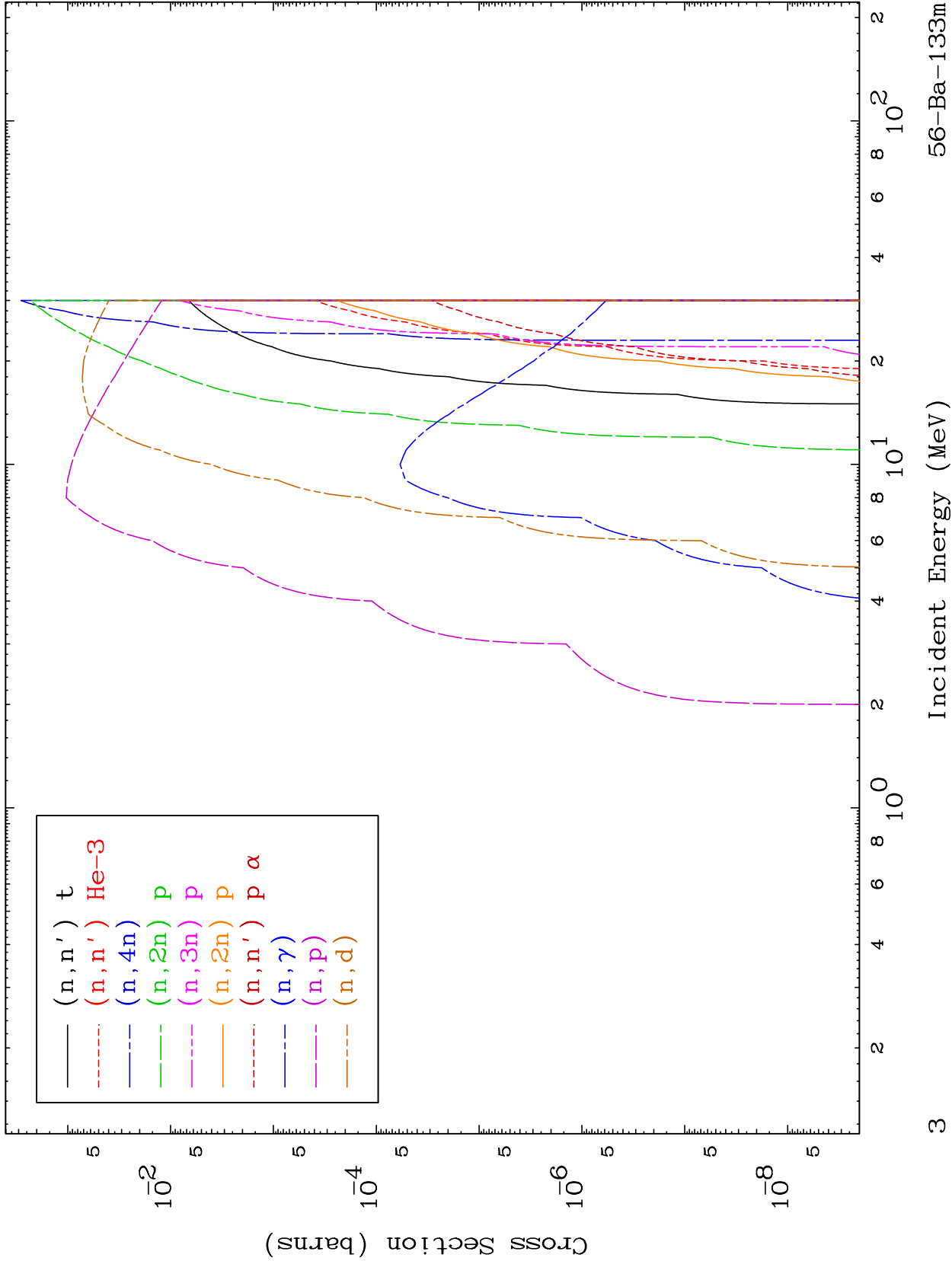
56-Ba-133m



MAT 5635

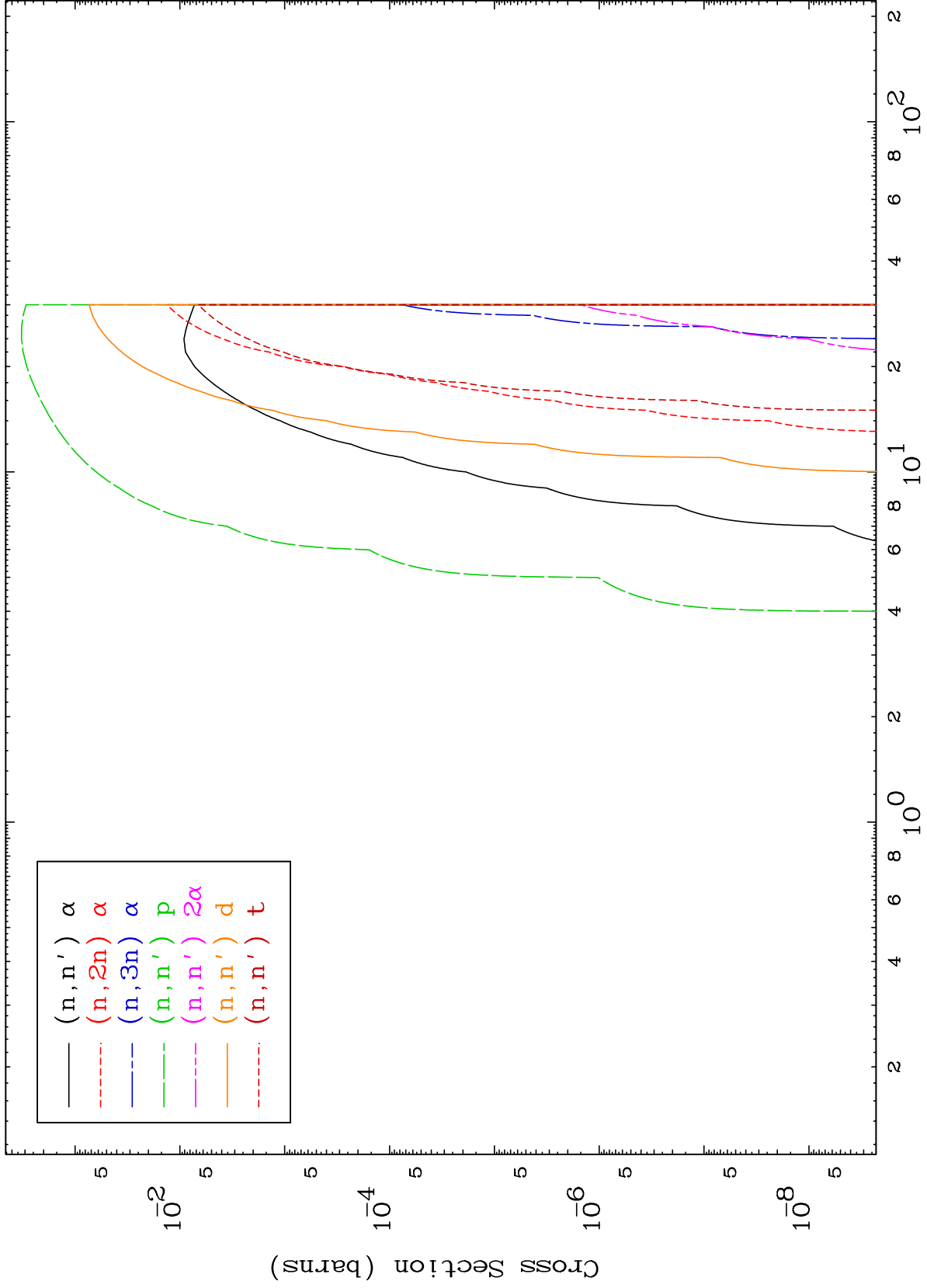
Deuteron Neutron Absorption
0 Kelvin Cross Sections

56-Ba-133m



56-Ba-133m

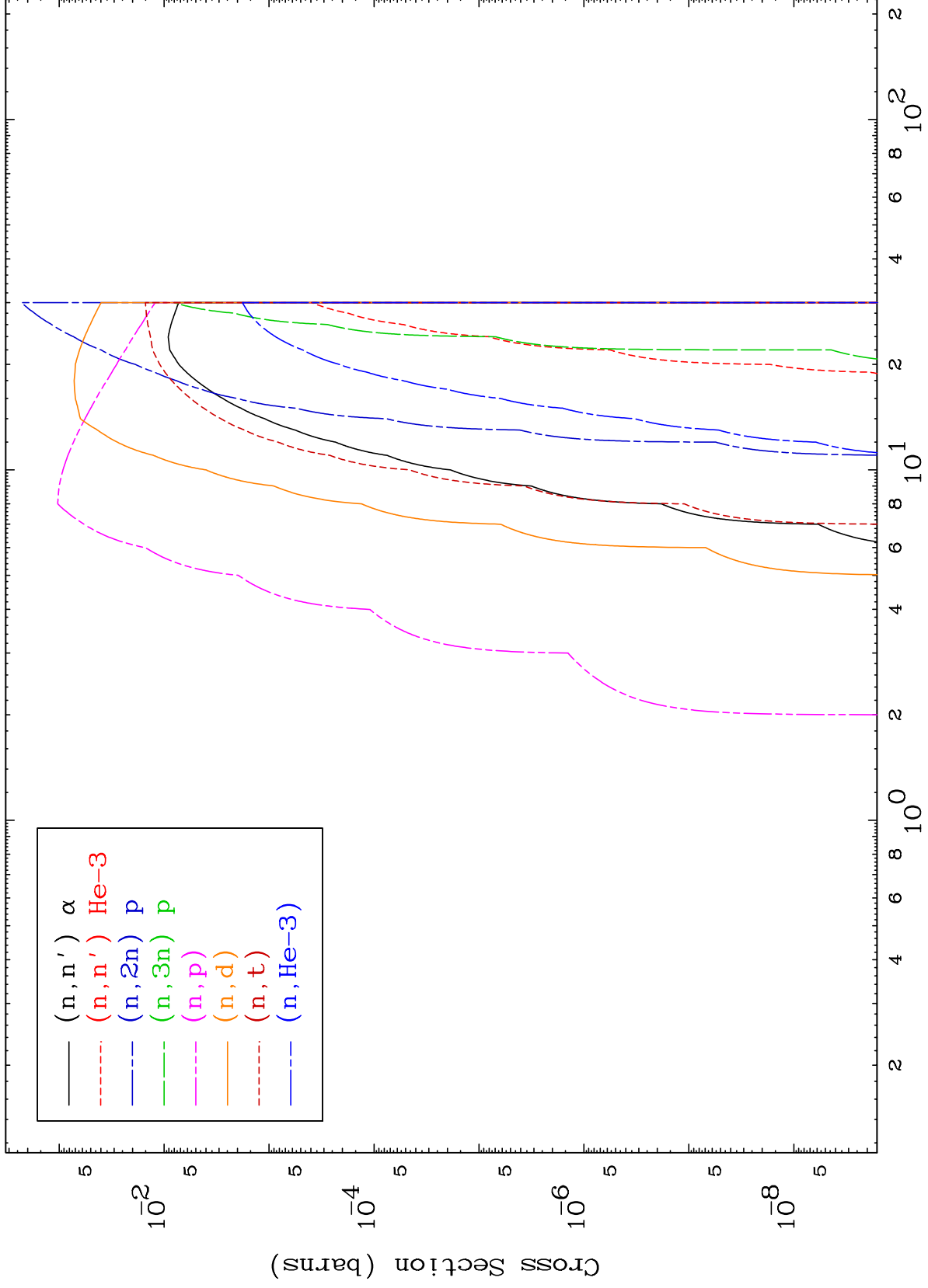
Incident Energy (MeV)



MAT 5635

Deuteron Charged Particle
0 Kelvin Cross Sections

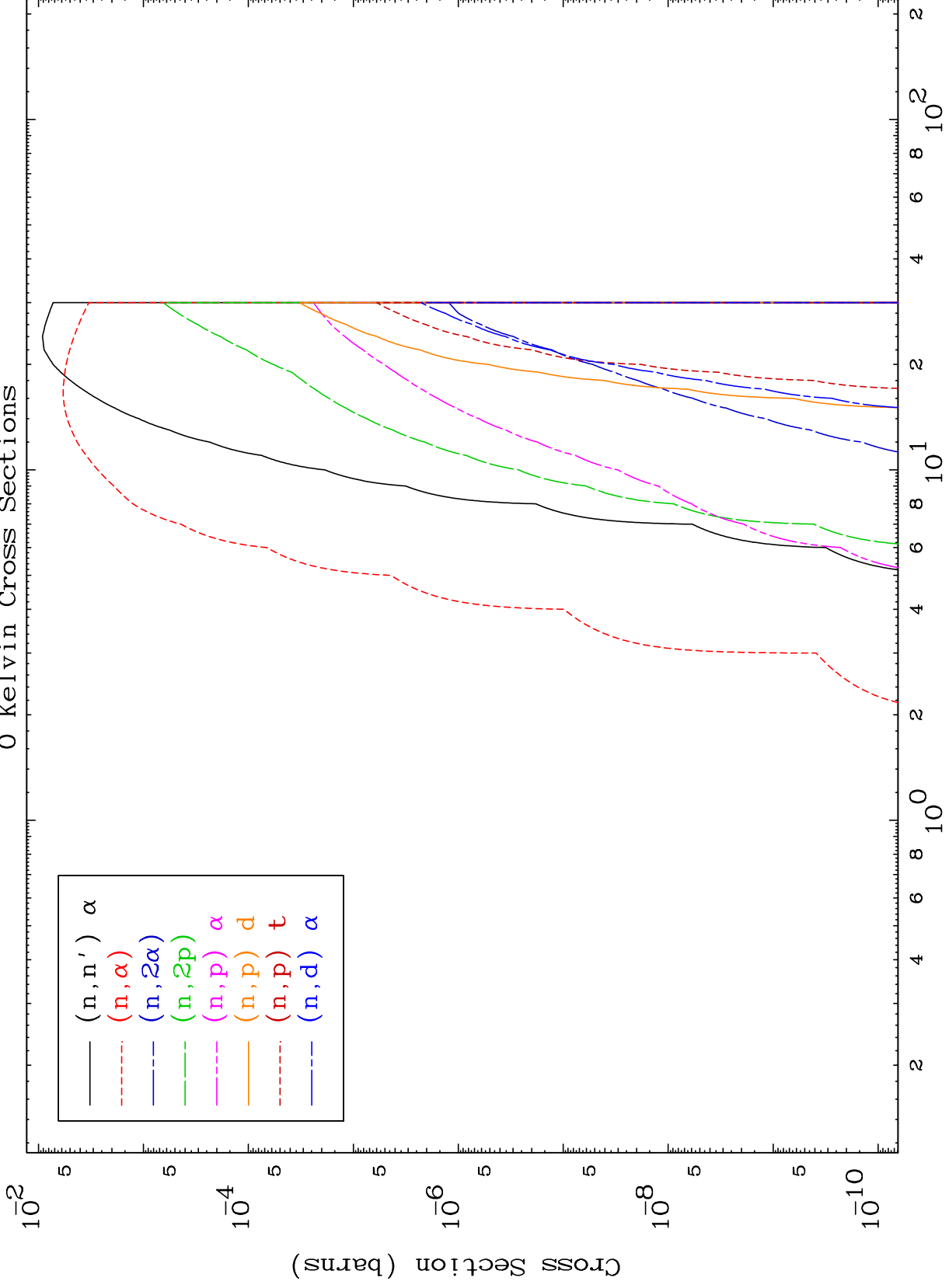
56-Ba-133m



MAT 5635

Deuteron Charged Particle
0 Kelvin Cross Sections

56-Ba-133m

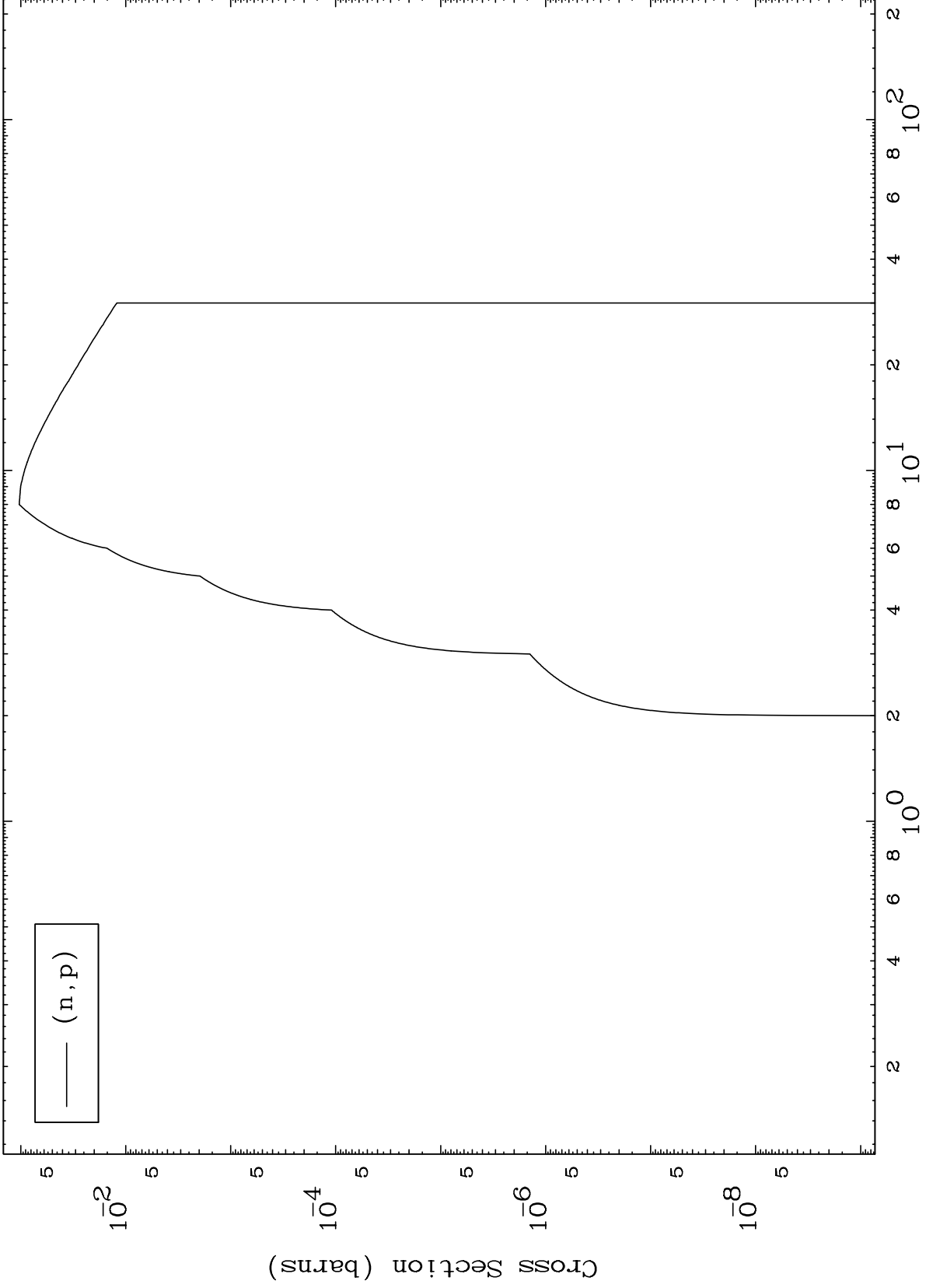


MAT 5635

(d,p) Levels

56-Ba-133m

0 Kelvin Cross Sections

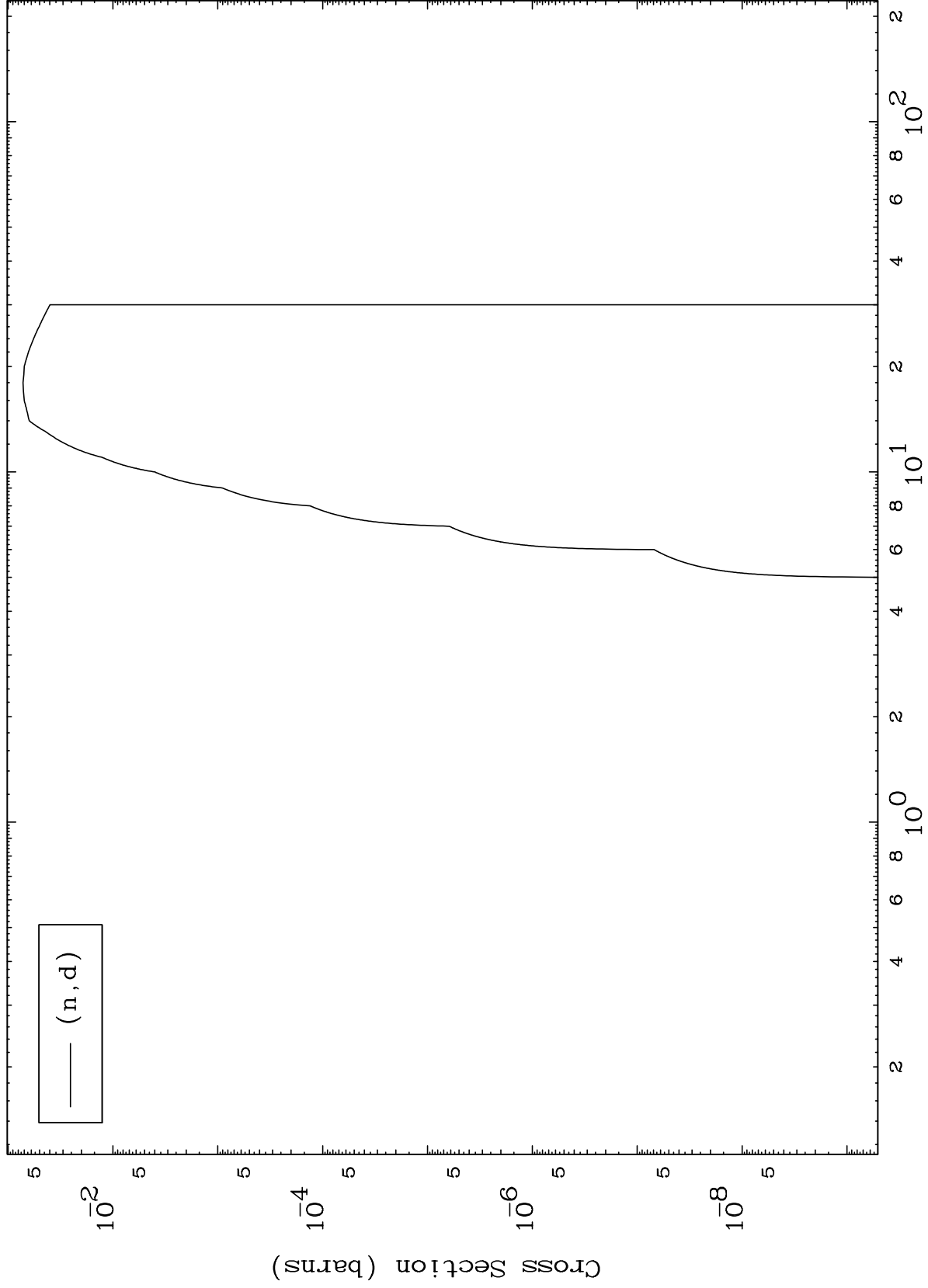


MAT 5635

(d,d) Levels

56-Ba-133m

0 Kelvin Cross Sections

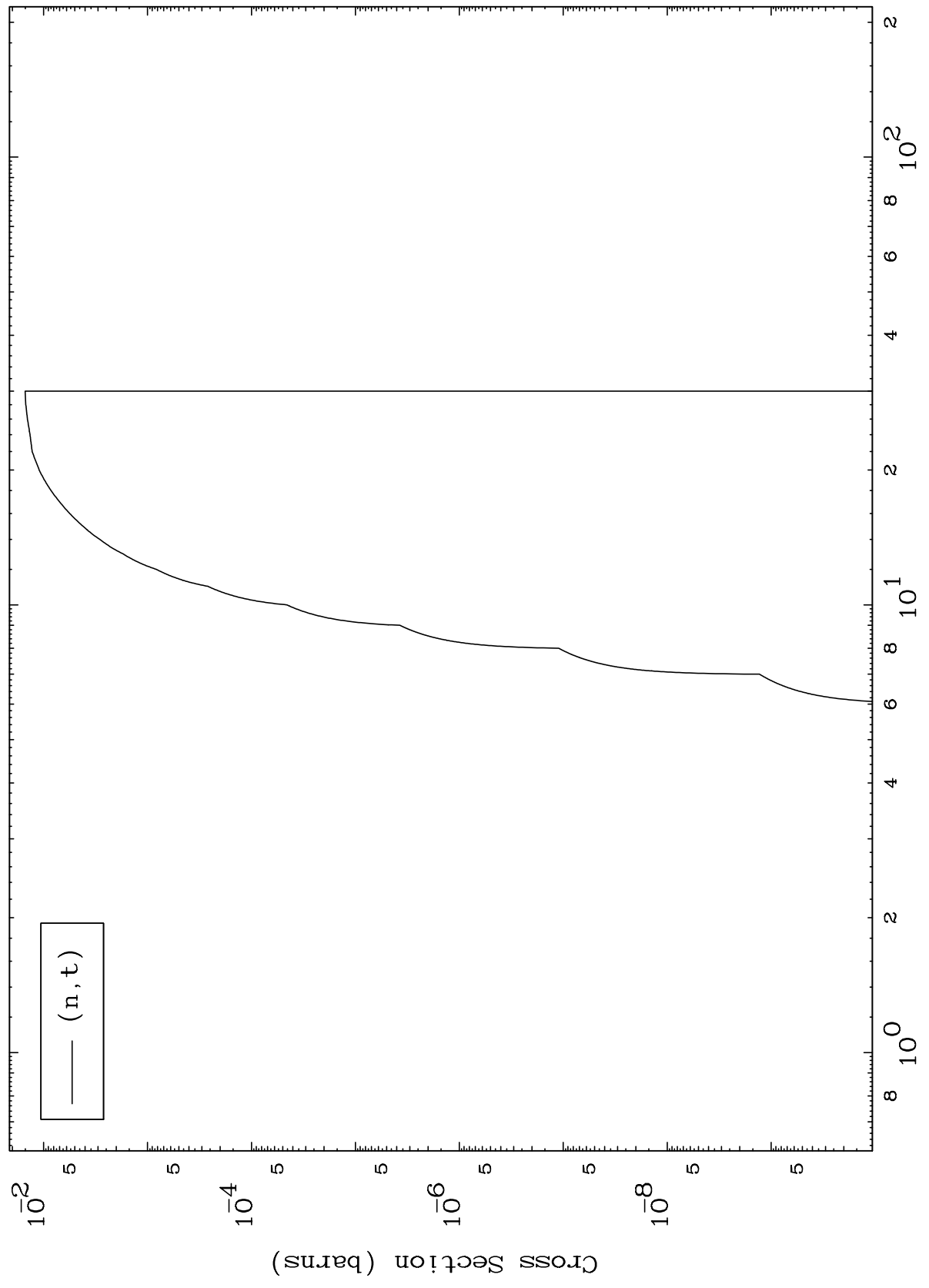


MAT 5635

(d,t) Levels

56-Ba-133m

0 Kelvin Cross Sections



10

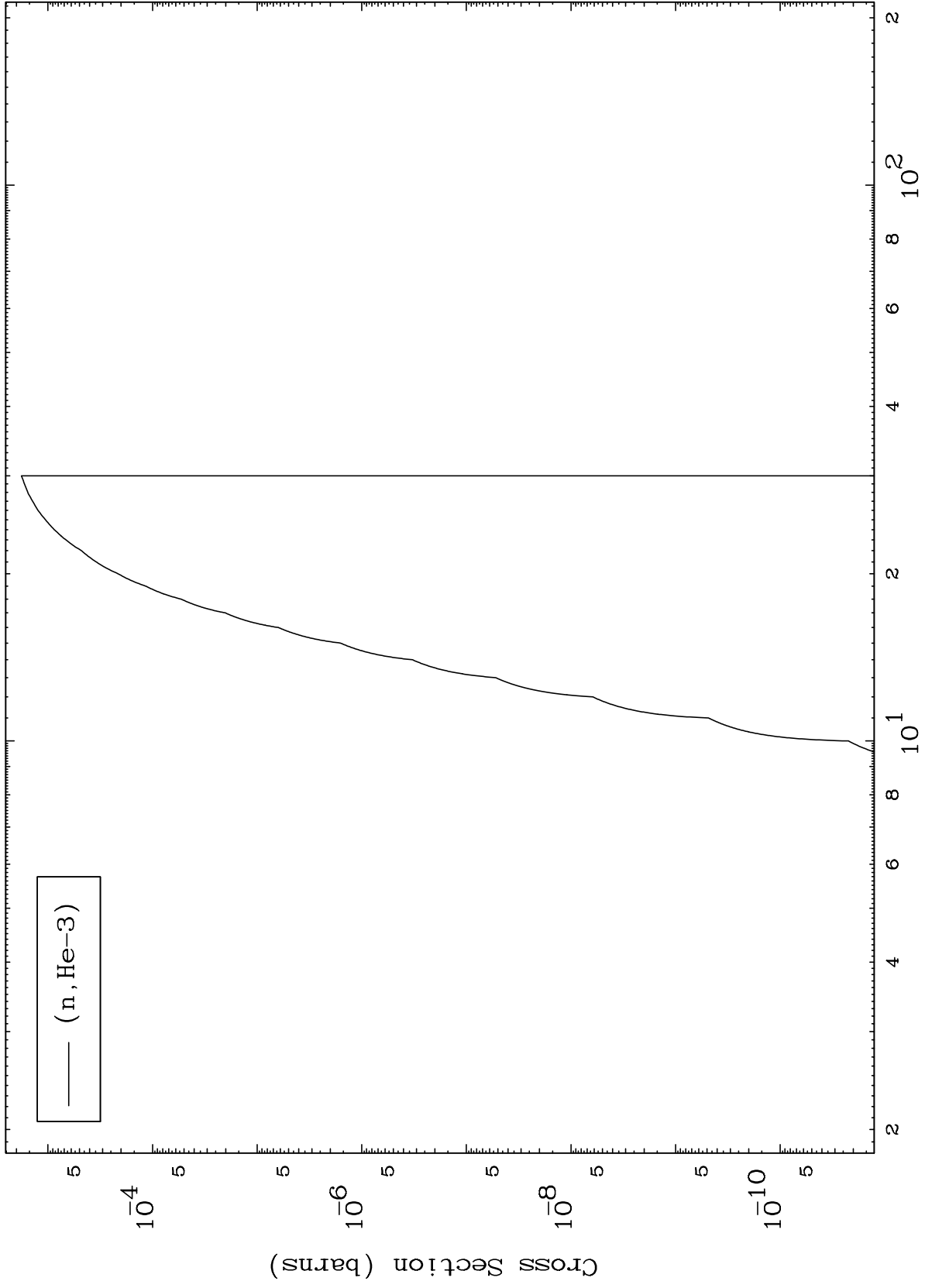
Incident Energy (MeV)

56-Ba-133m

MAT 5635

(d,He3) Levels
0 Kelvin Cross Sections

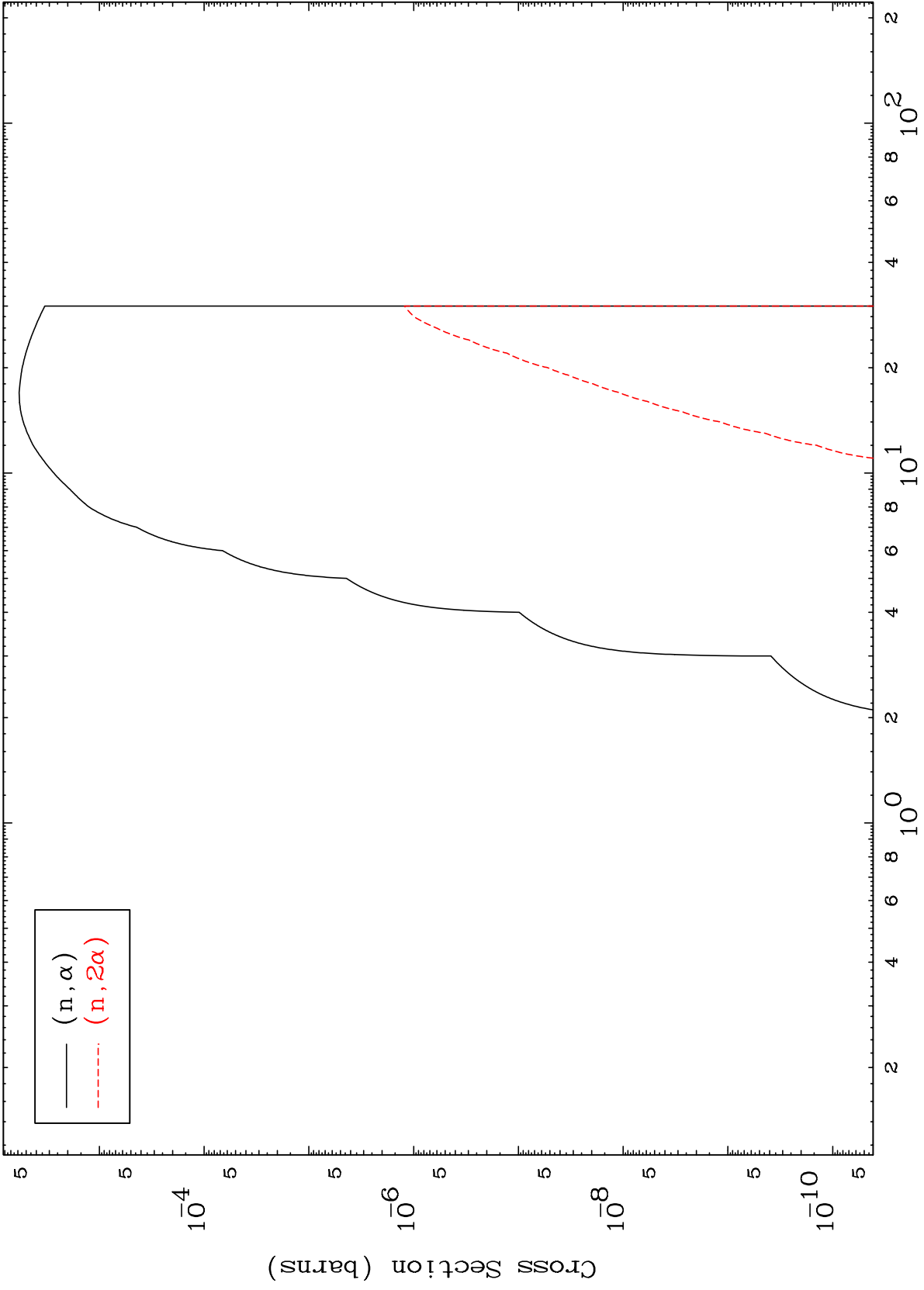
56-Ba-133m



MAT 5635

(d, α) Levels
0 Kelvin Cross Sections

56-Ba-133m



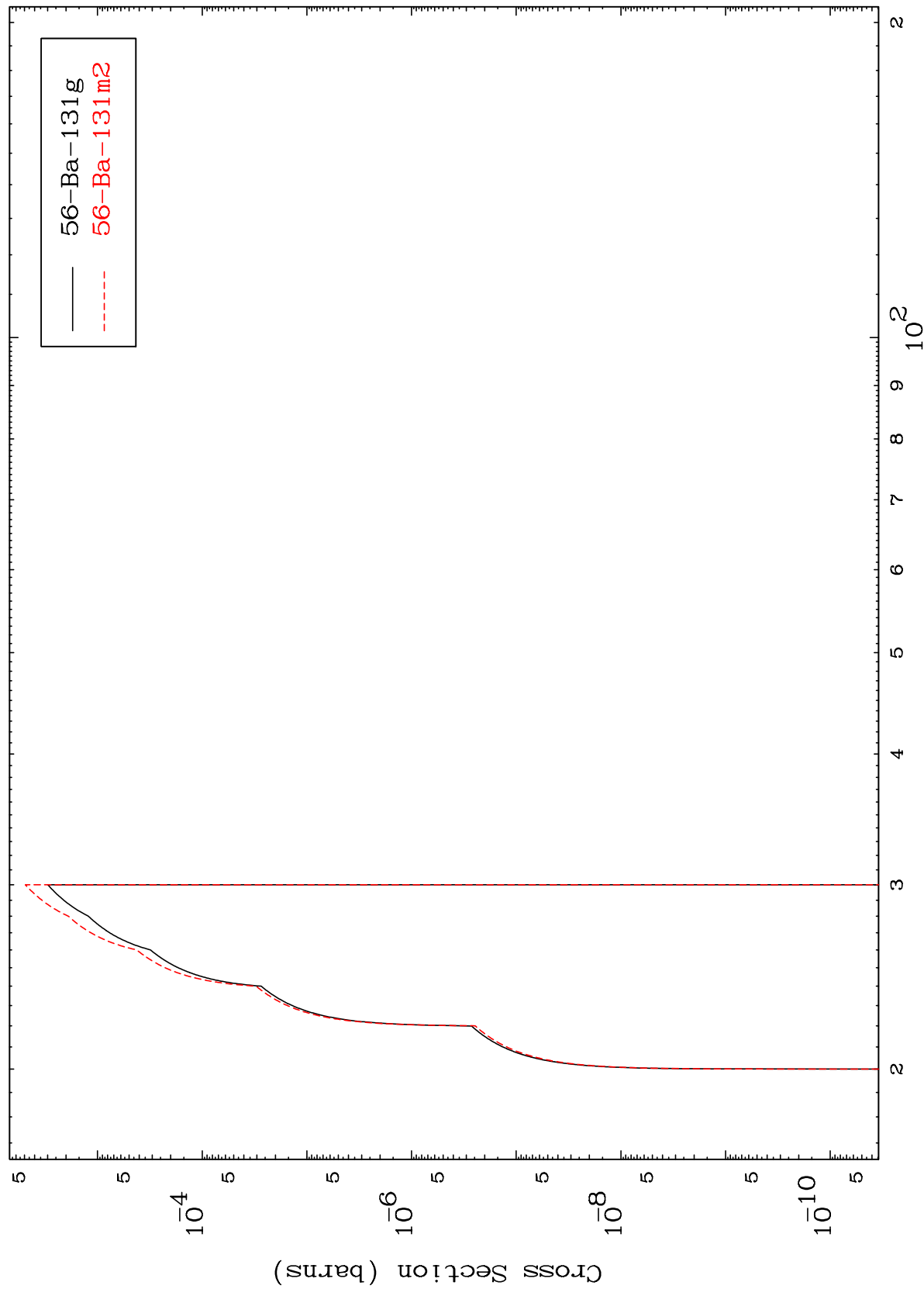
— (n, α)
- - - (n, 2α)

MAT 5635

(n,2n) d

56-Ba-133m

Radionuclide Production Cross Section



13

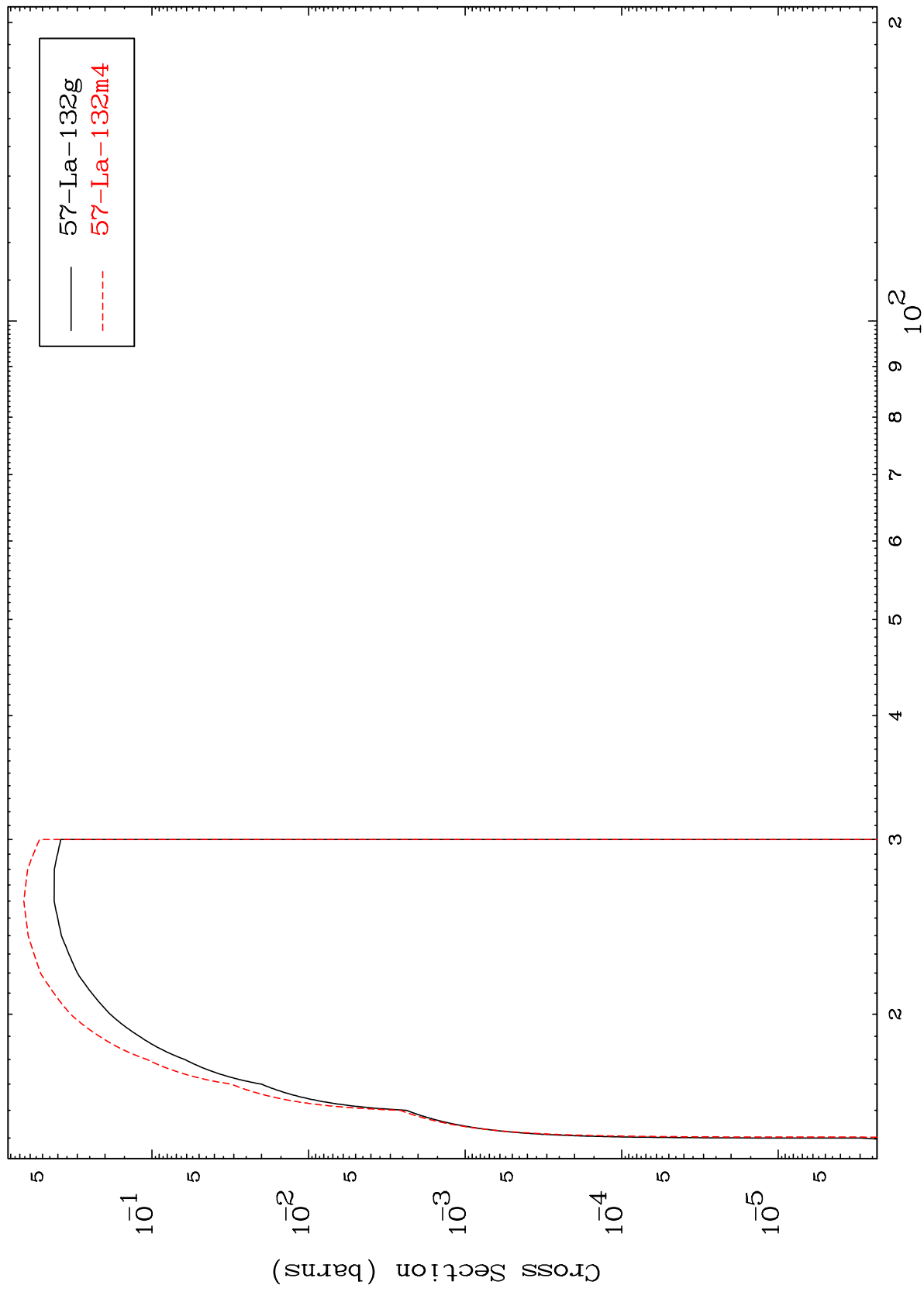
Incident Energy (MeV)

56-Ba-133m

MAT 5635

56-Ba-133m

(n,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

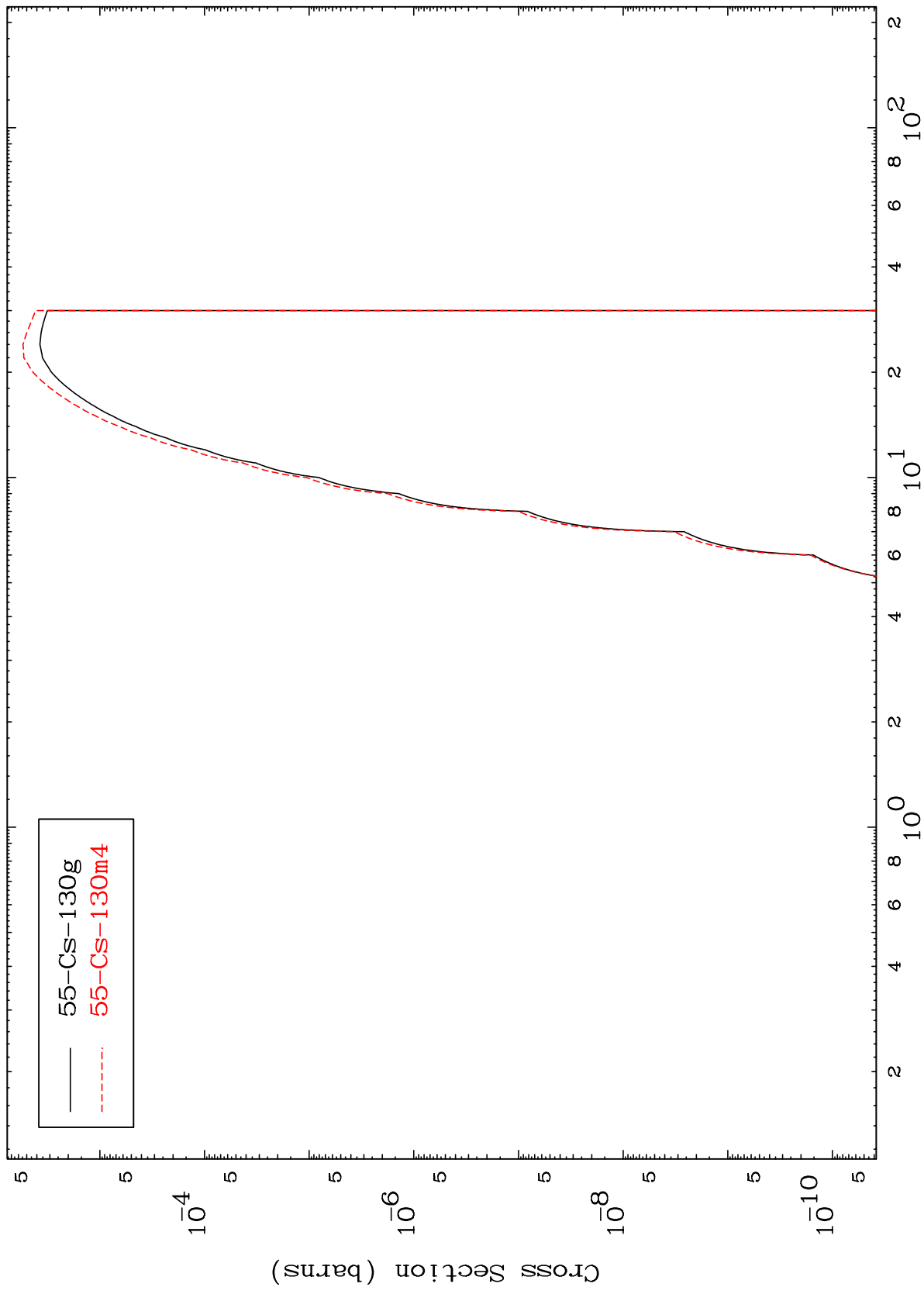
56-Ba-133m

MAT 5635

$(n, n') \alpha$

56-Ba-133m

Radionuclide Production Cross Section

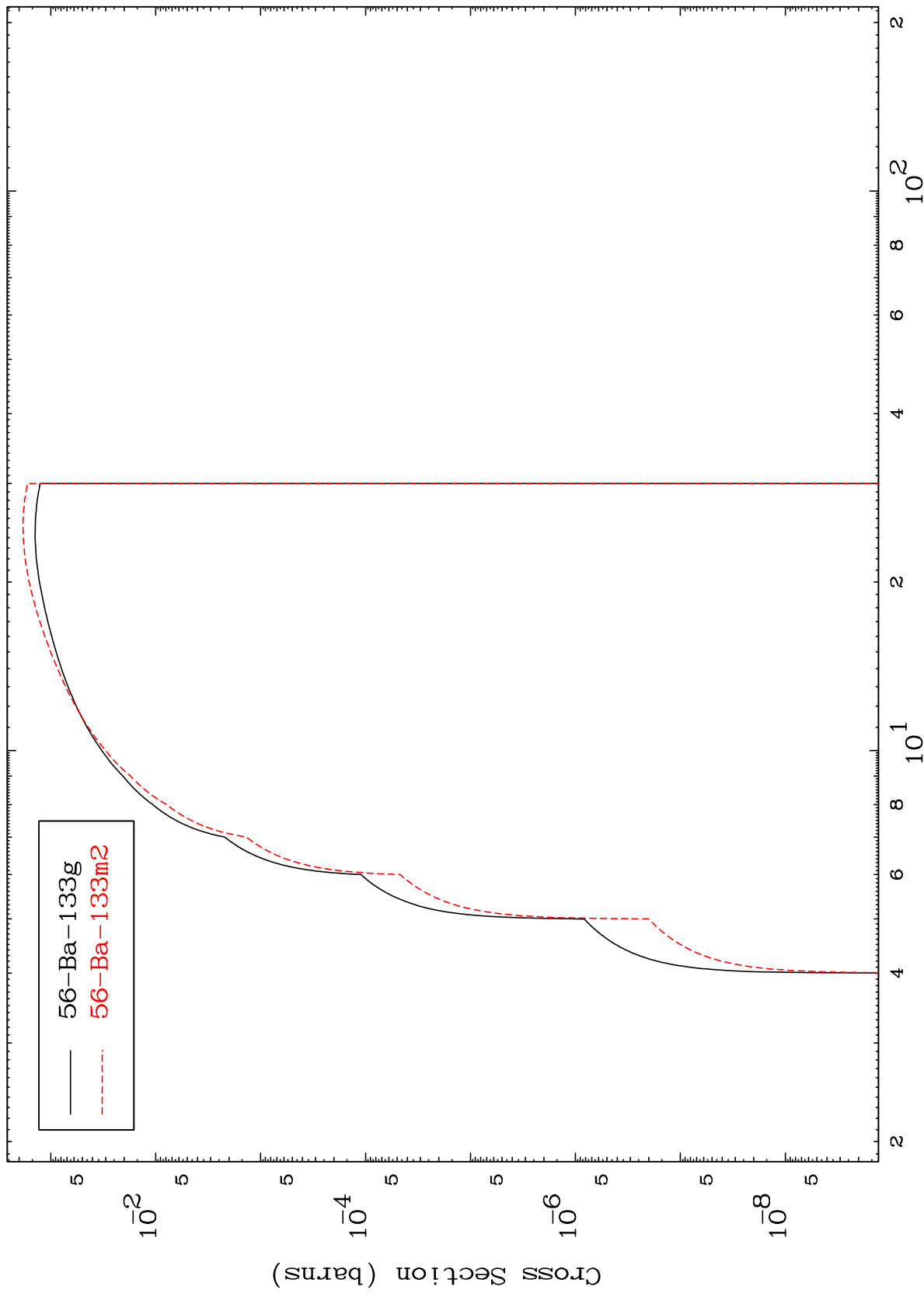


MAT 5635

(n,n') p

56-Ba-133m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

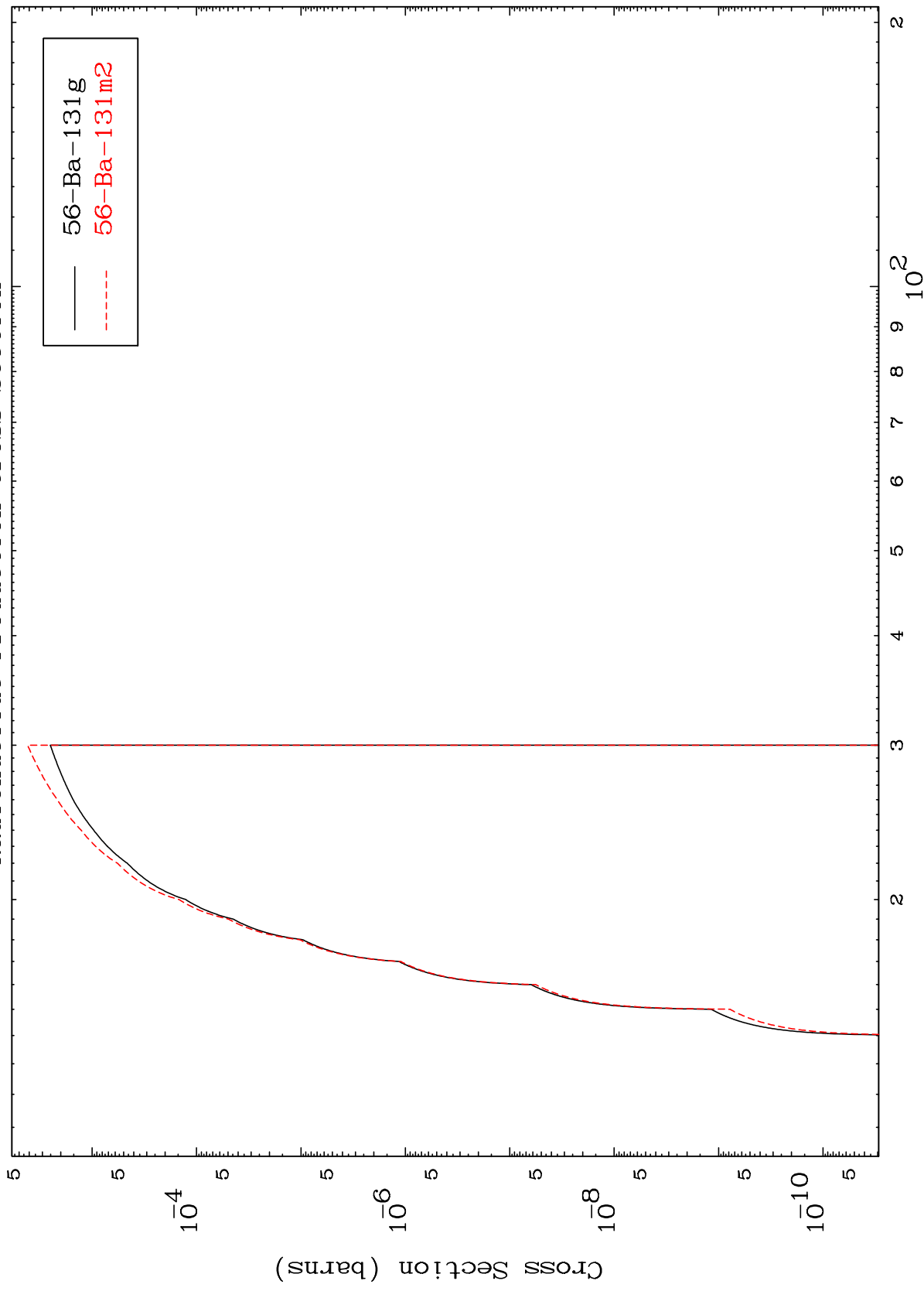
56-Ba-133m

MAT 5635

(n,n') t

56-Ba-133m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

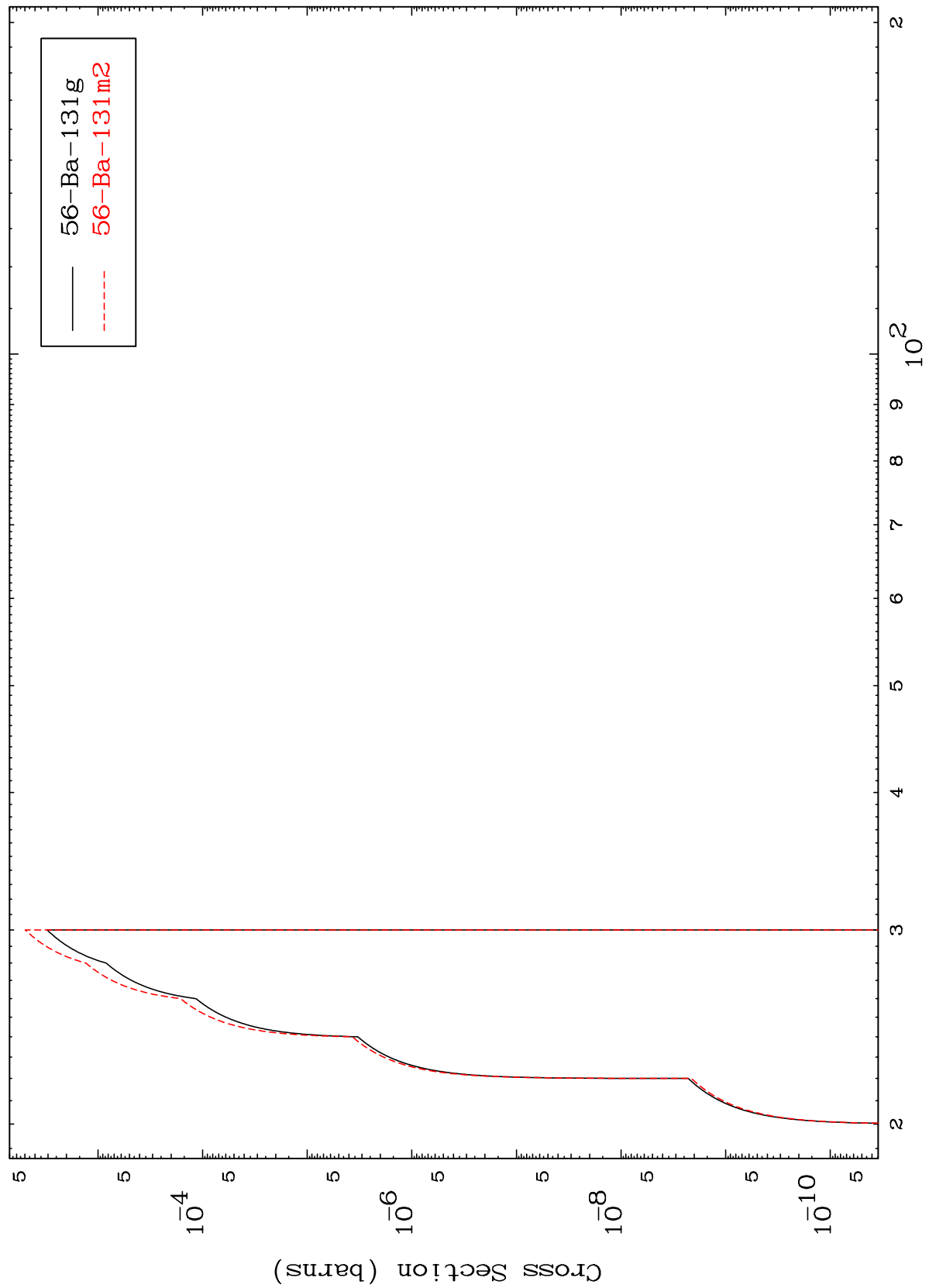
56-Ba-133m

MAT 5635

(n,3n) p

56-Ba-133m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

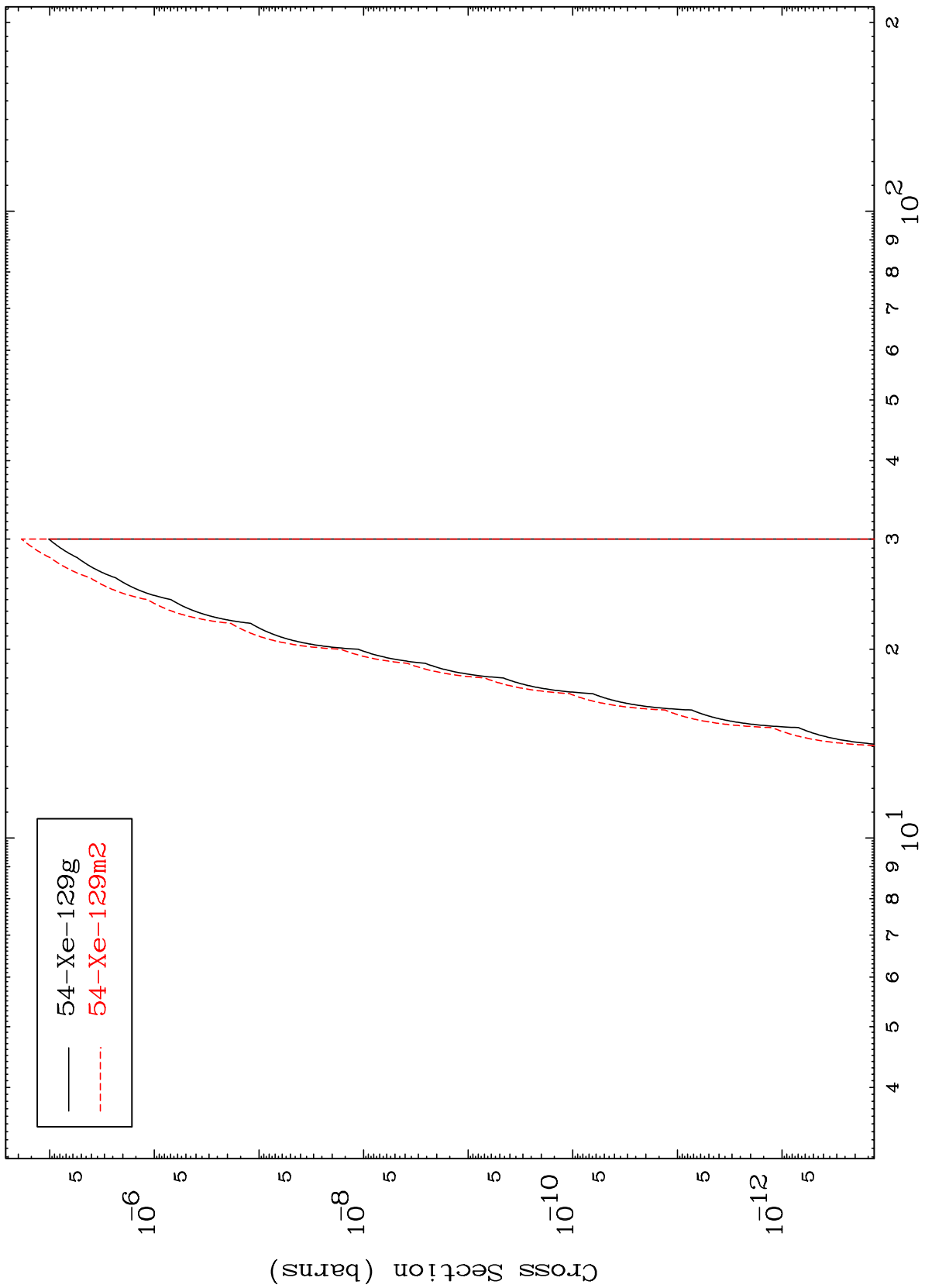
56-Ba-133m

MAT 5635

(n,n') p α

56-Ba-133m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

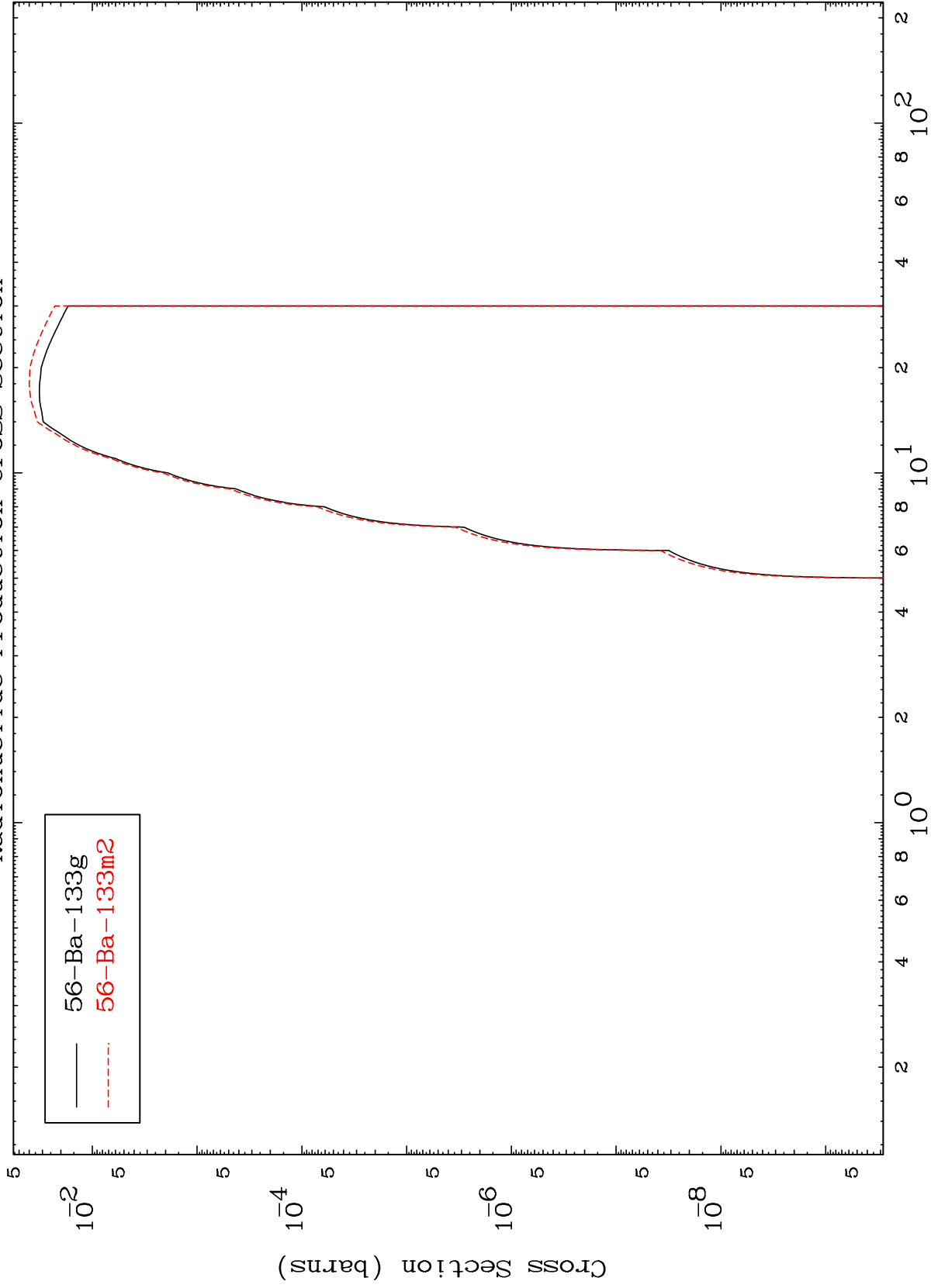
56-Ba-133m

MAT 5635

(n,d)

56-Ba-133m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

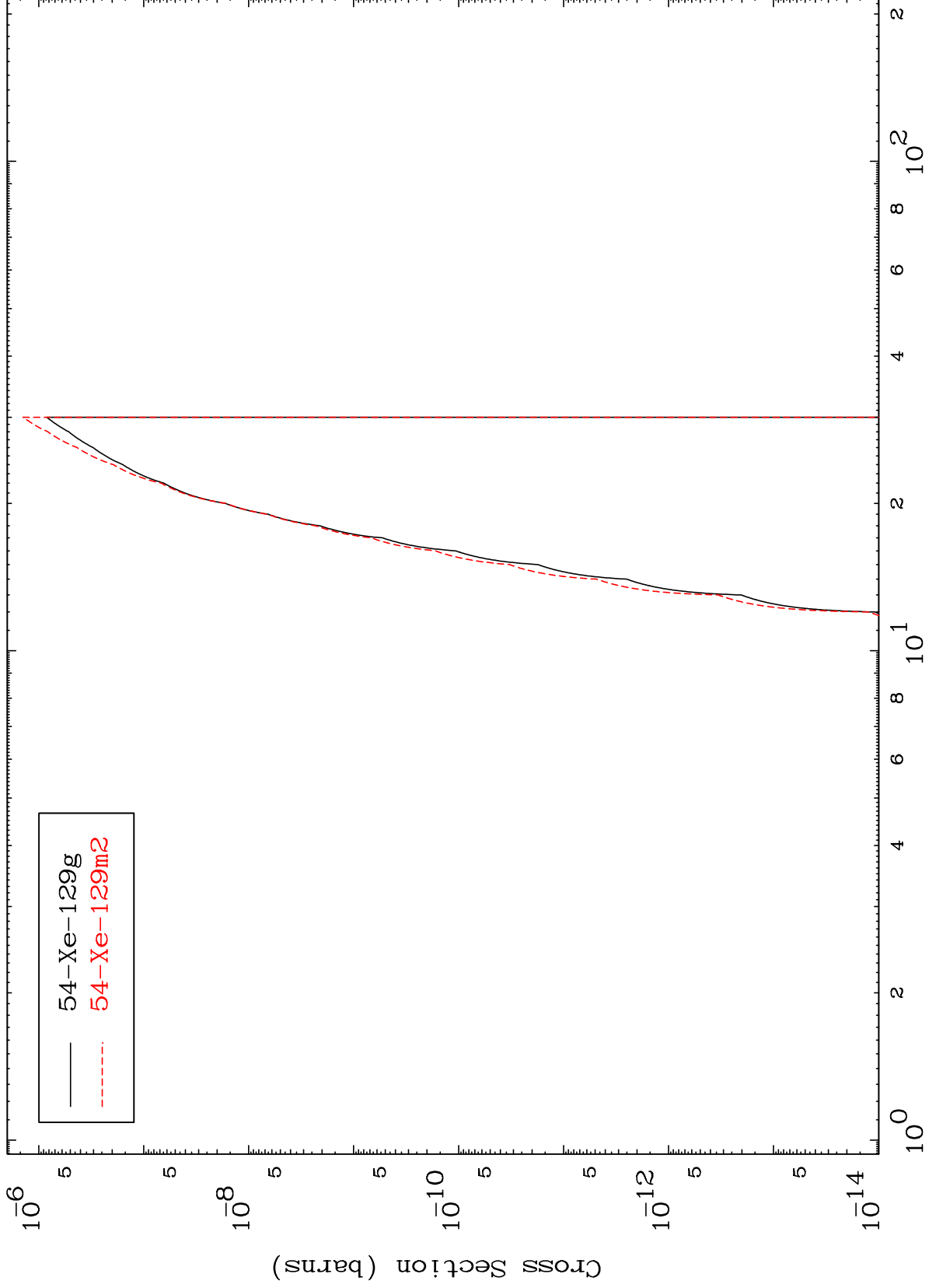
56-Ba-133m

MAT 5635

(n,d) α

56-Ba-133m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

56-Ba-133m