

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

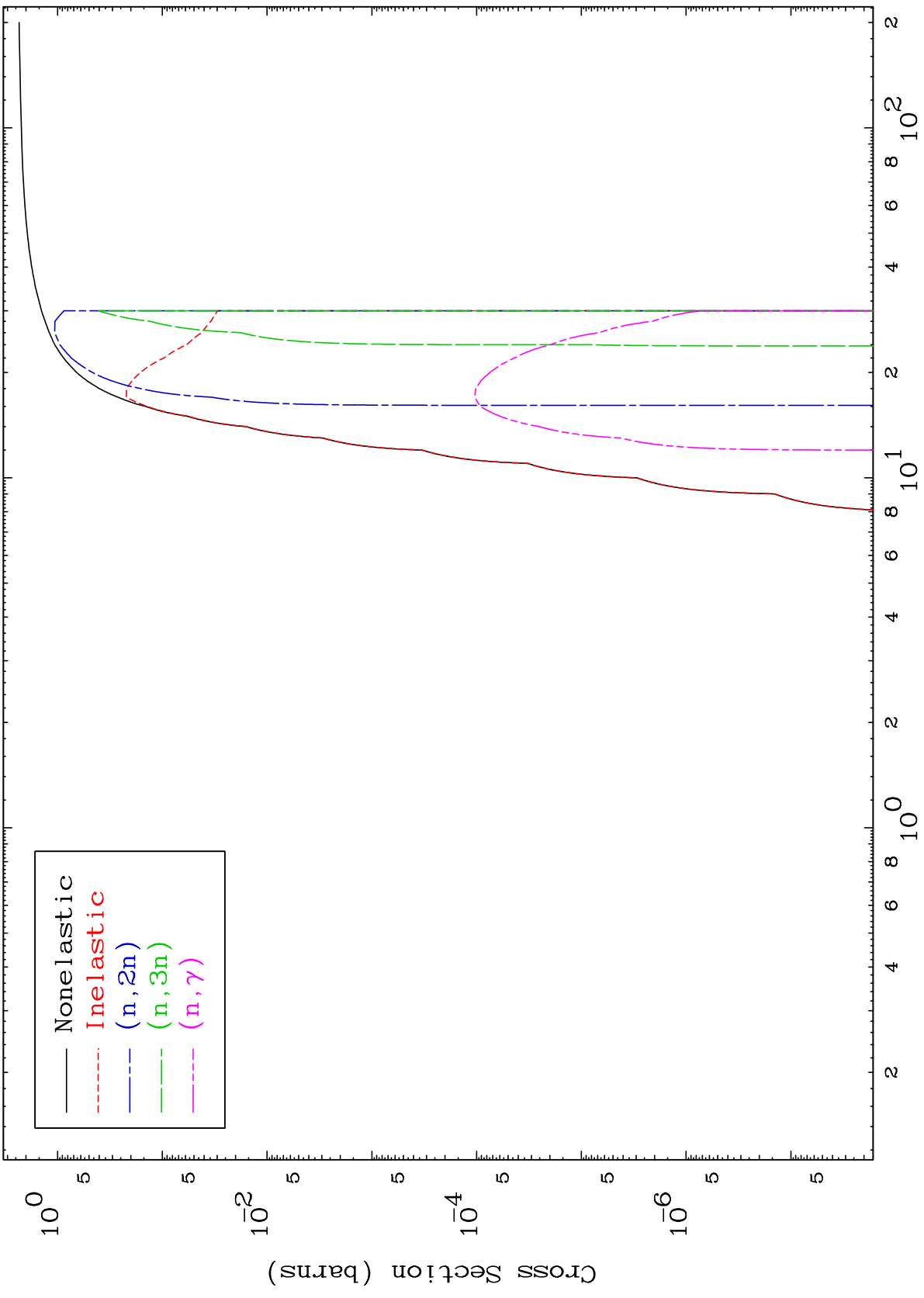
Press Mouse Button to Start

MAT 5640

α Major

56-Ba-135

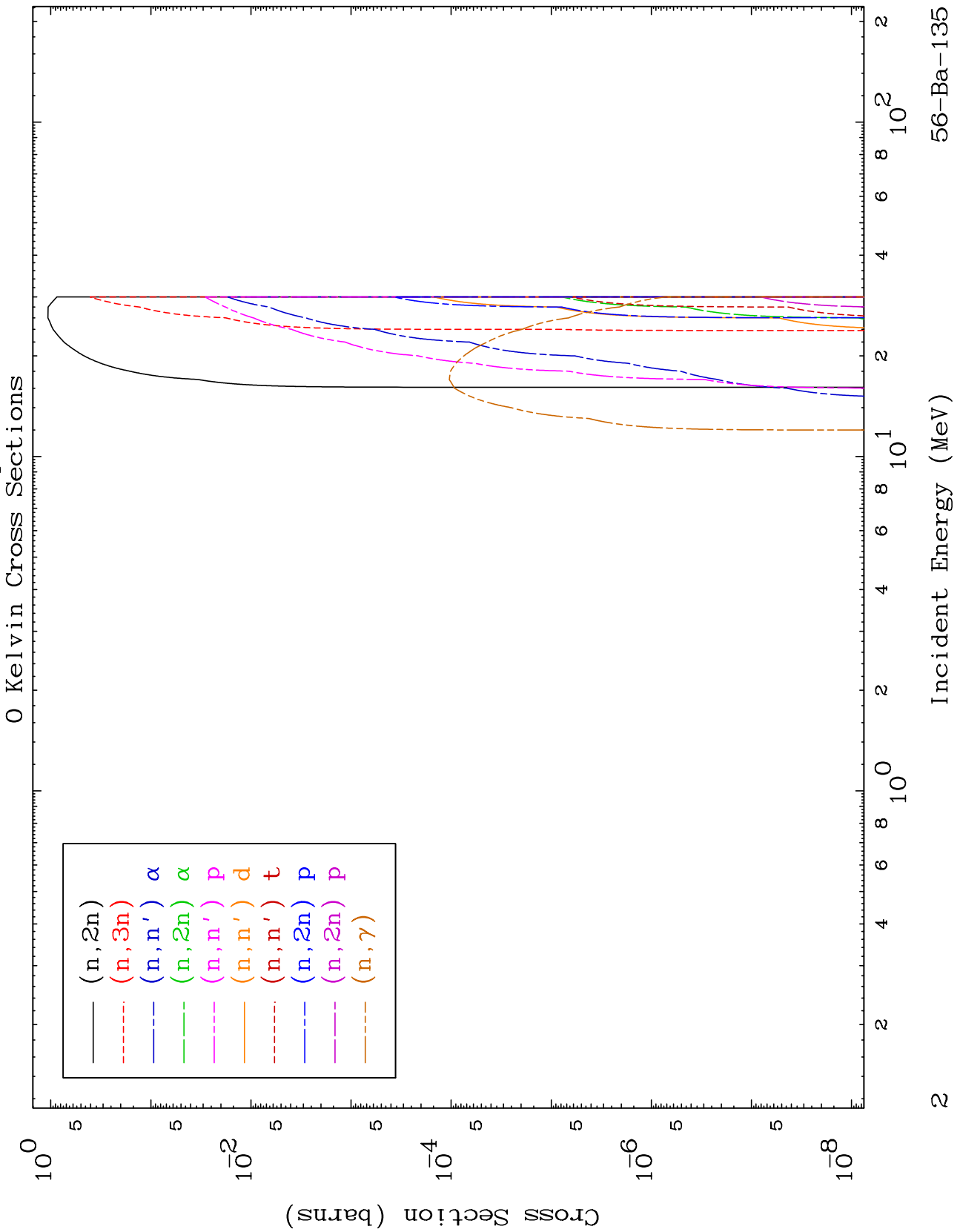
0 Kelvin Cross Sections

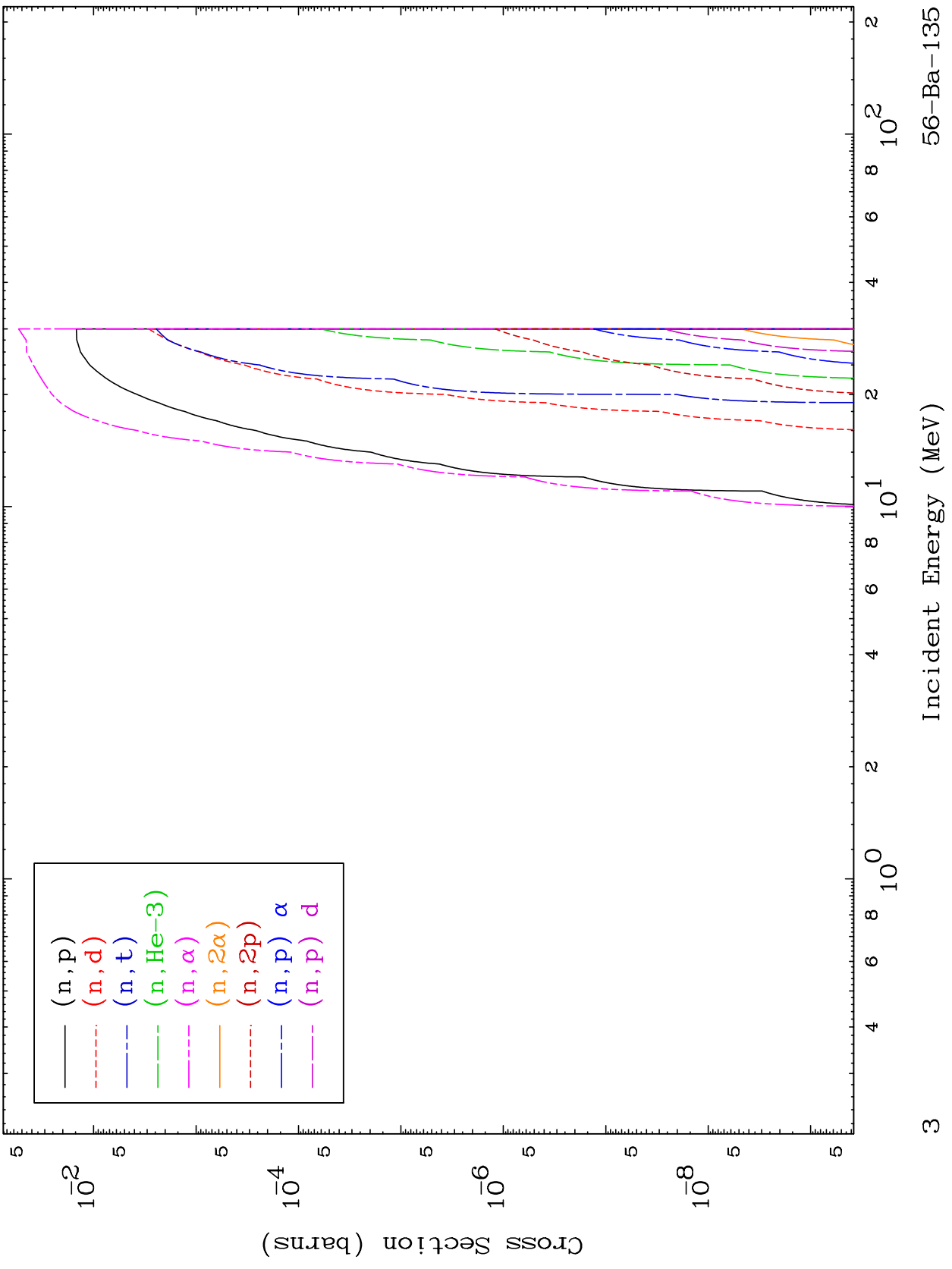


MAT 5640

α Neutron Absorption

56-Ba-135

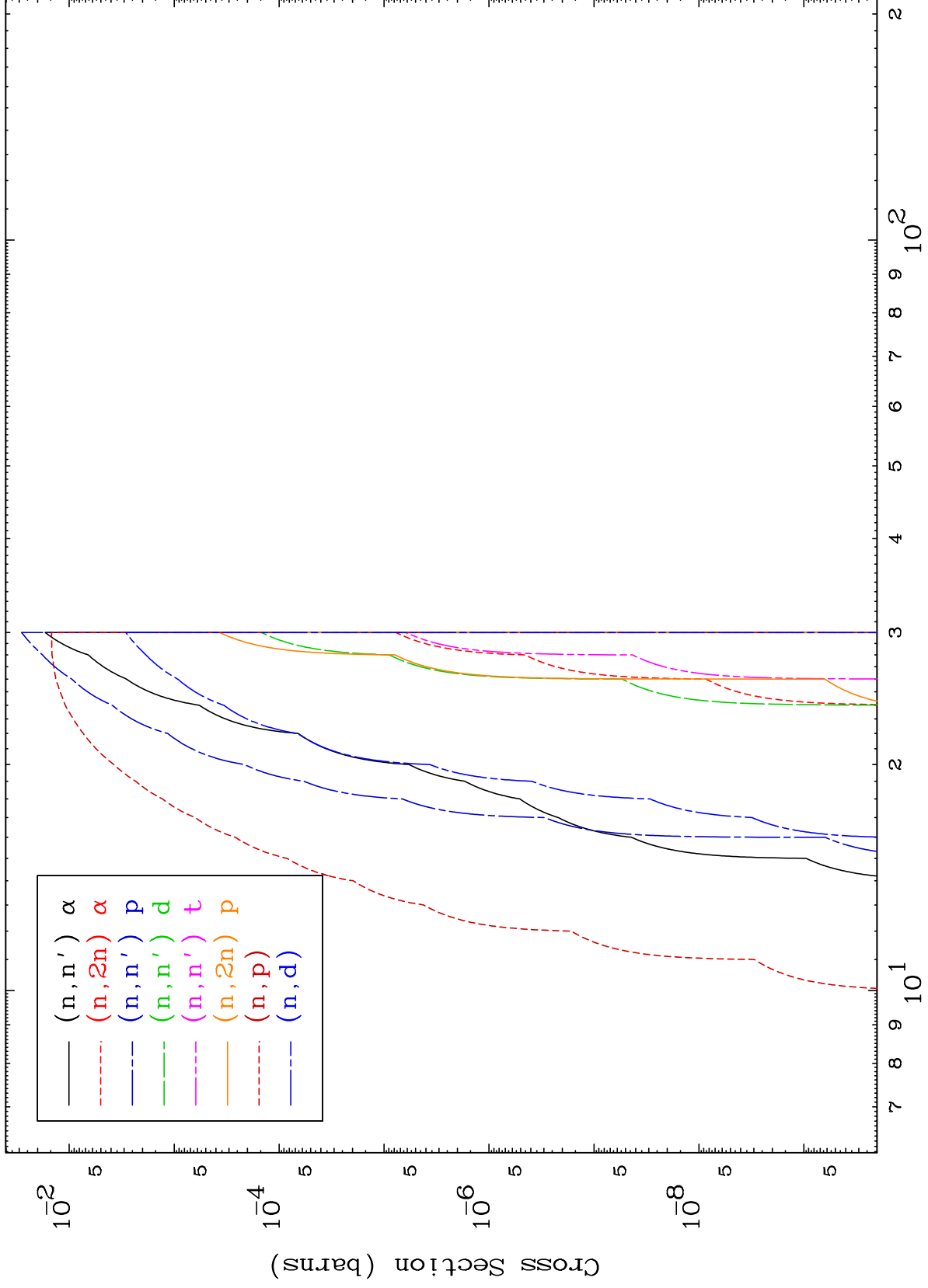


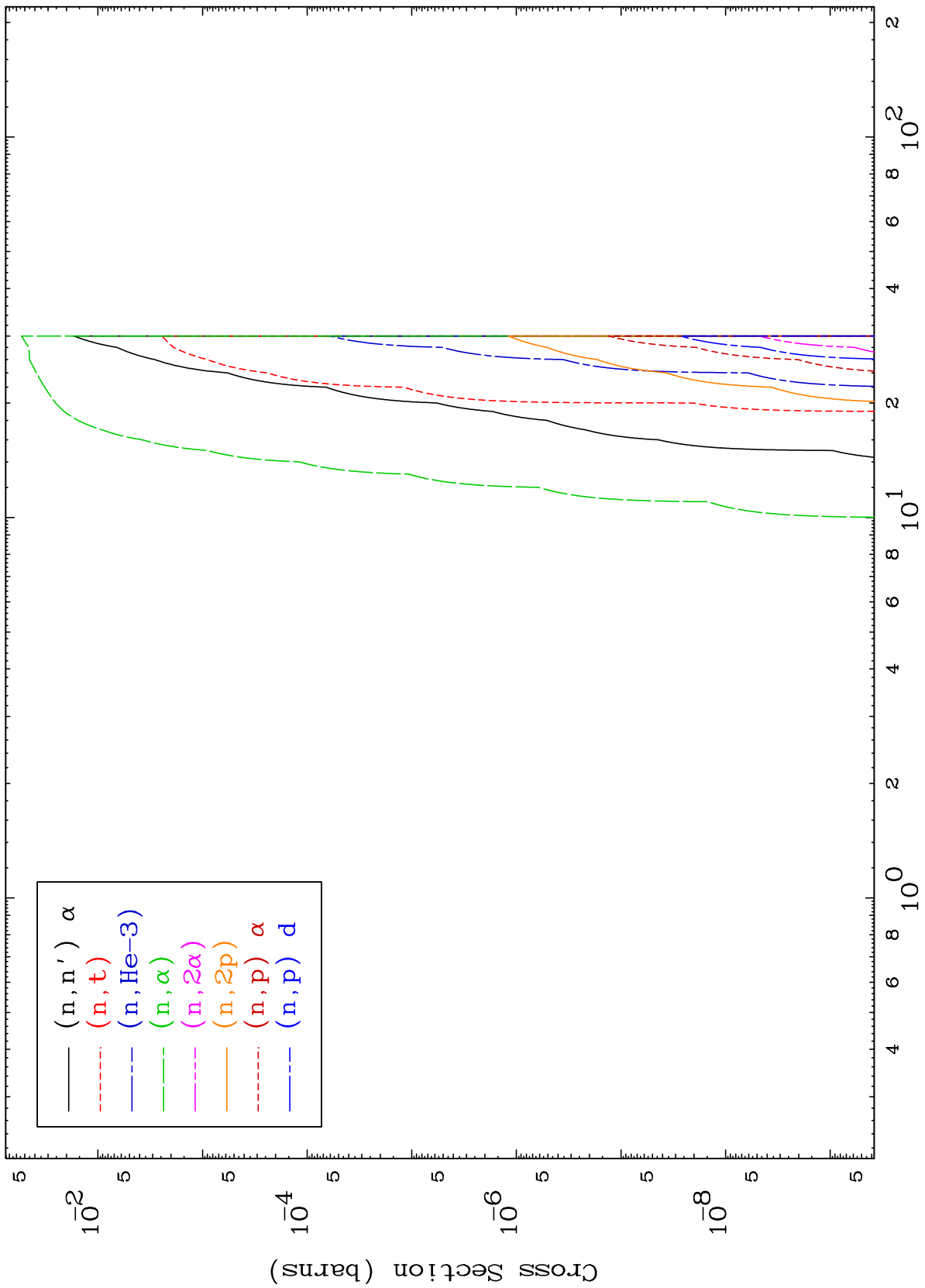


MAT 5640

α Charged Particle
0 Kelvin Cross Sections

56-Ba-135

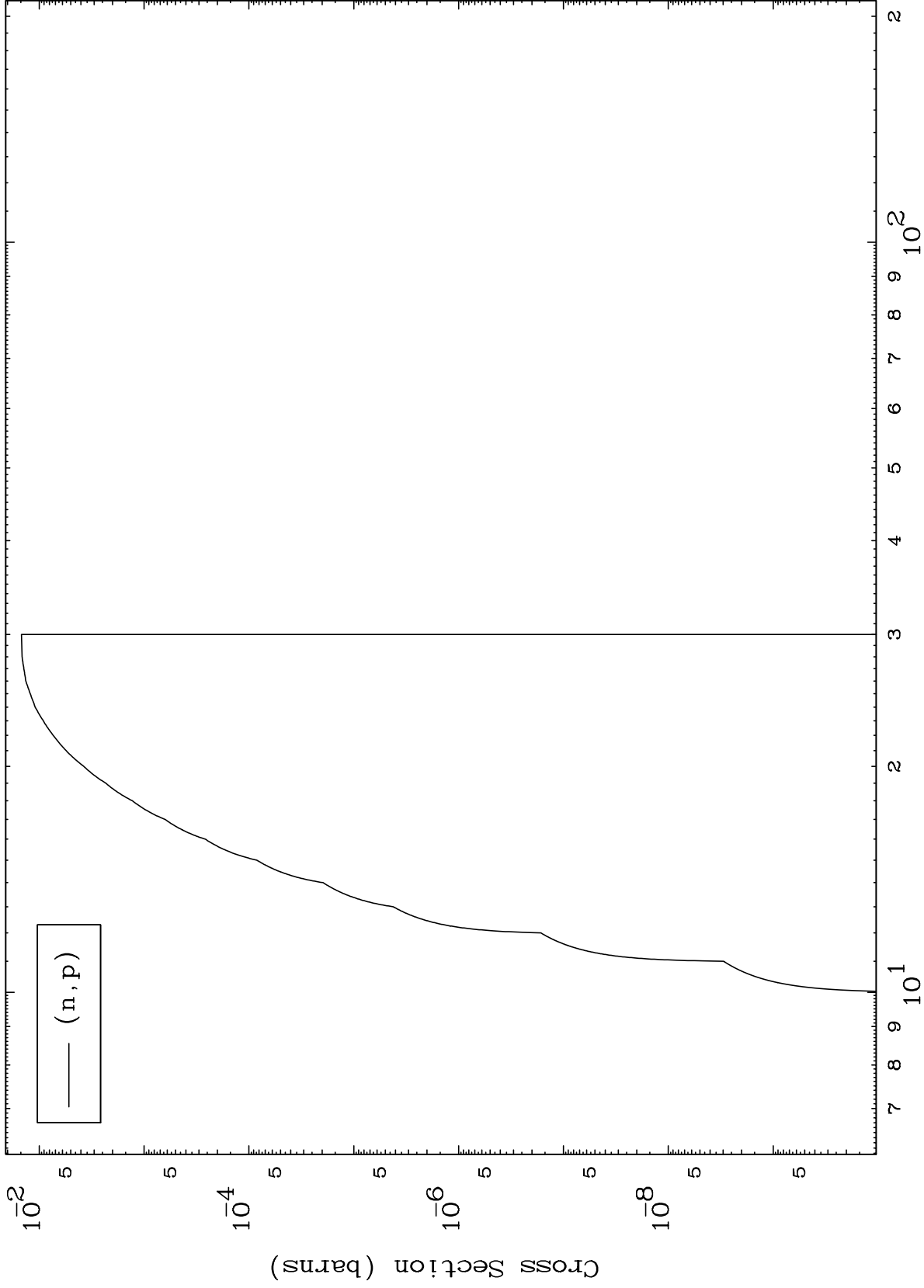




MAT 5640

(α, p) Levels
0 Kelvin Cross Sections

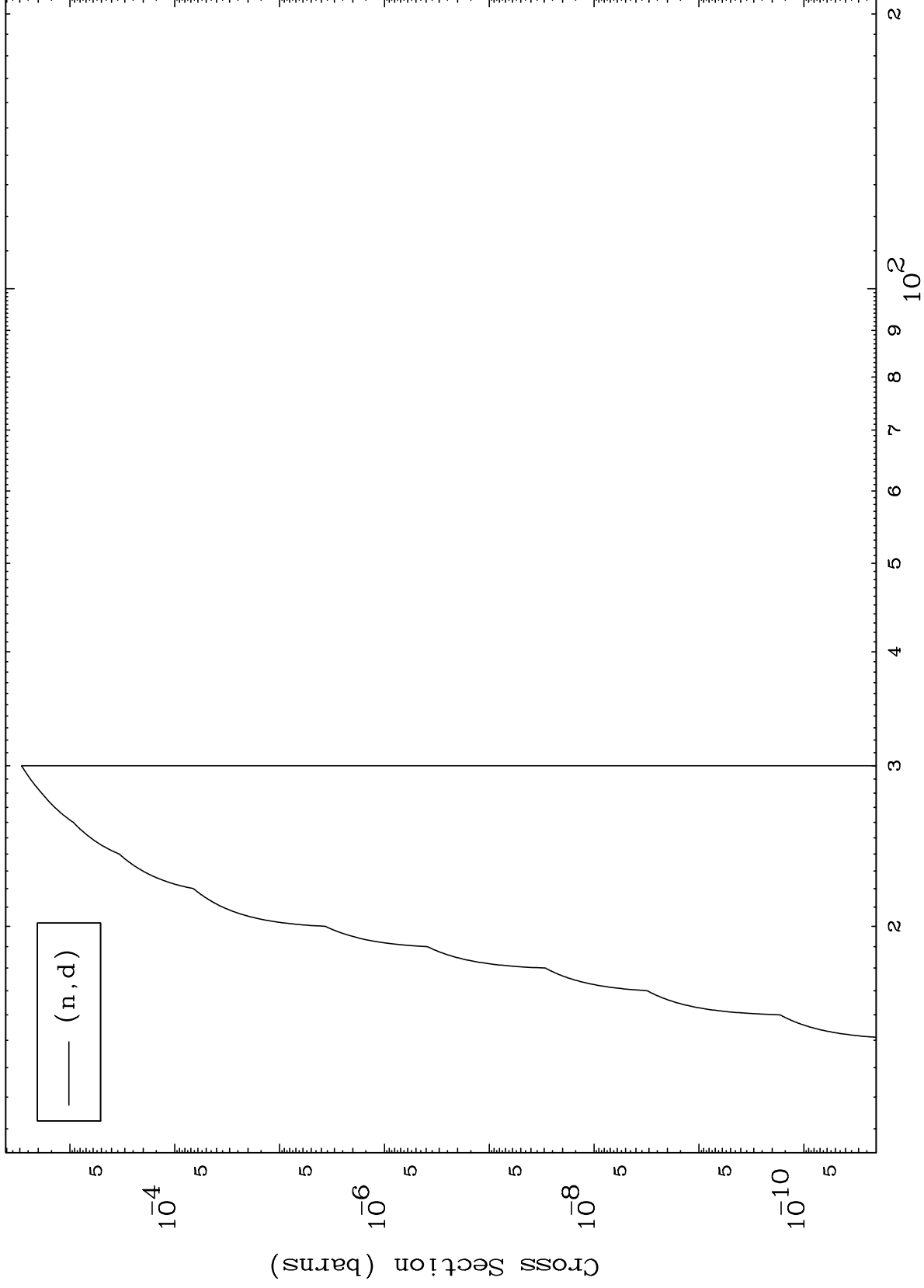
56-Ba-135



MAT 5640

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-135



7

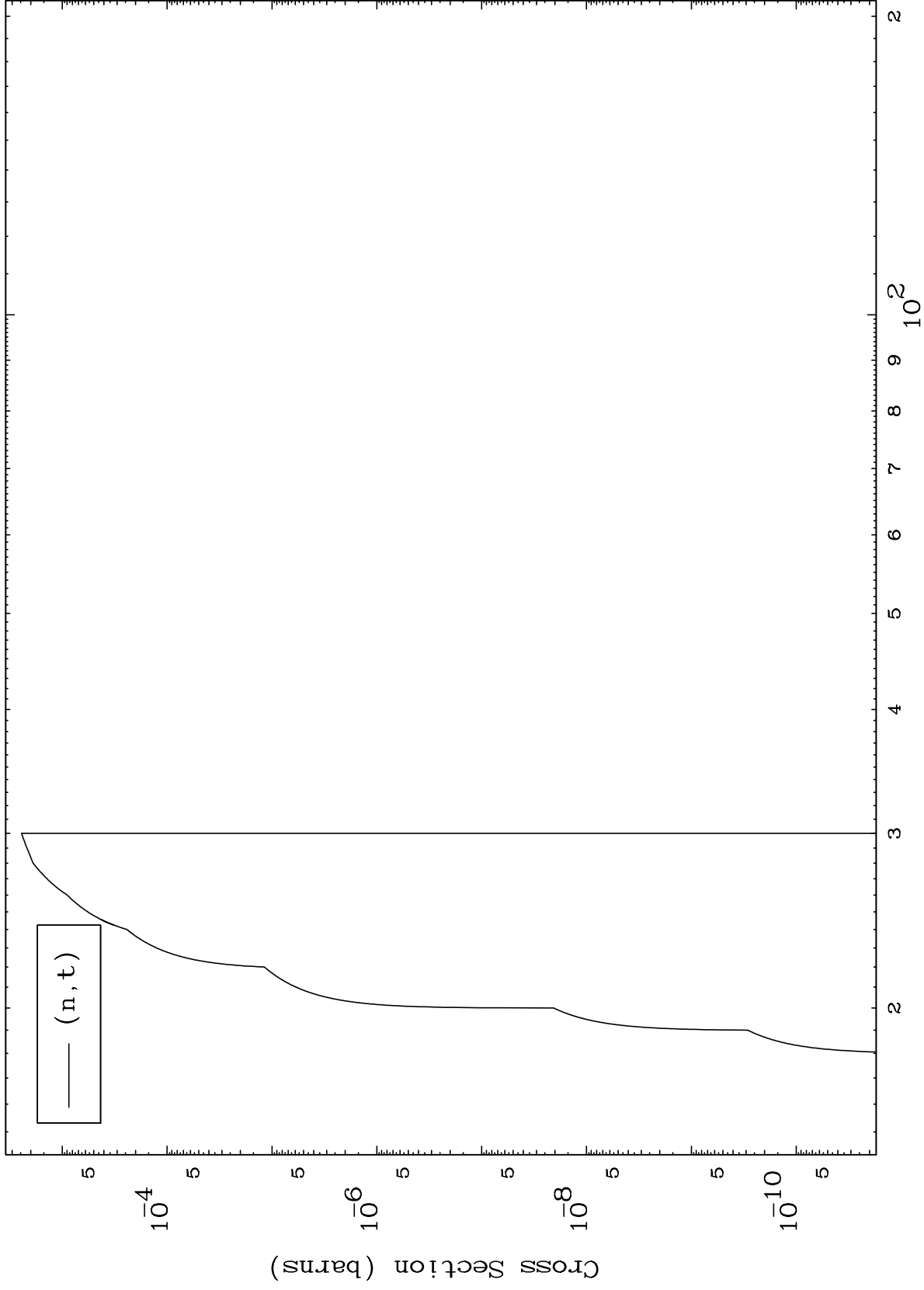
Incident Energy (MeV)

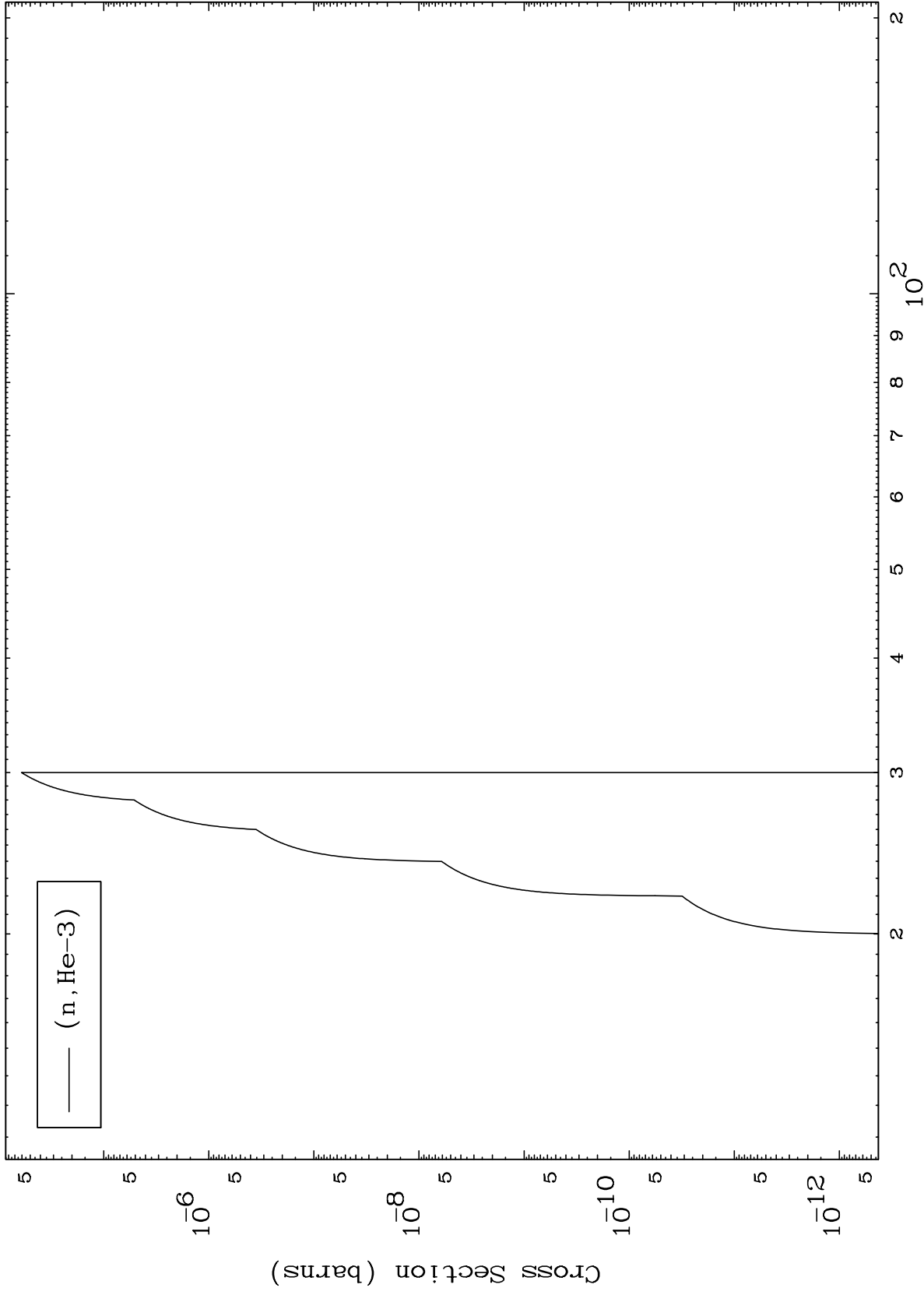
56-Ba-135

MAT 5640

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-135

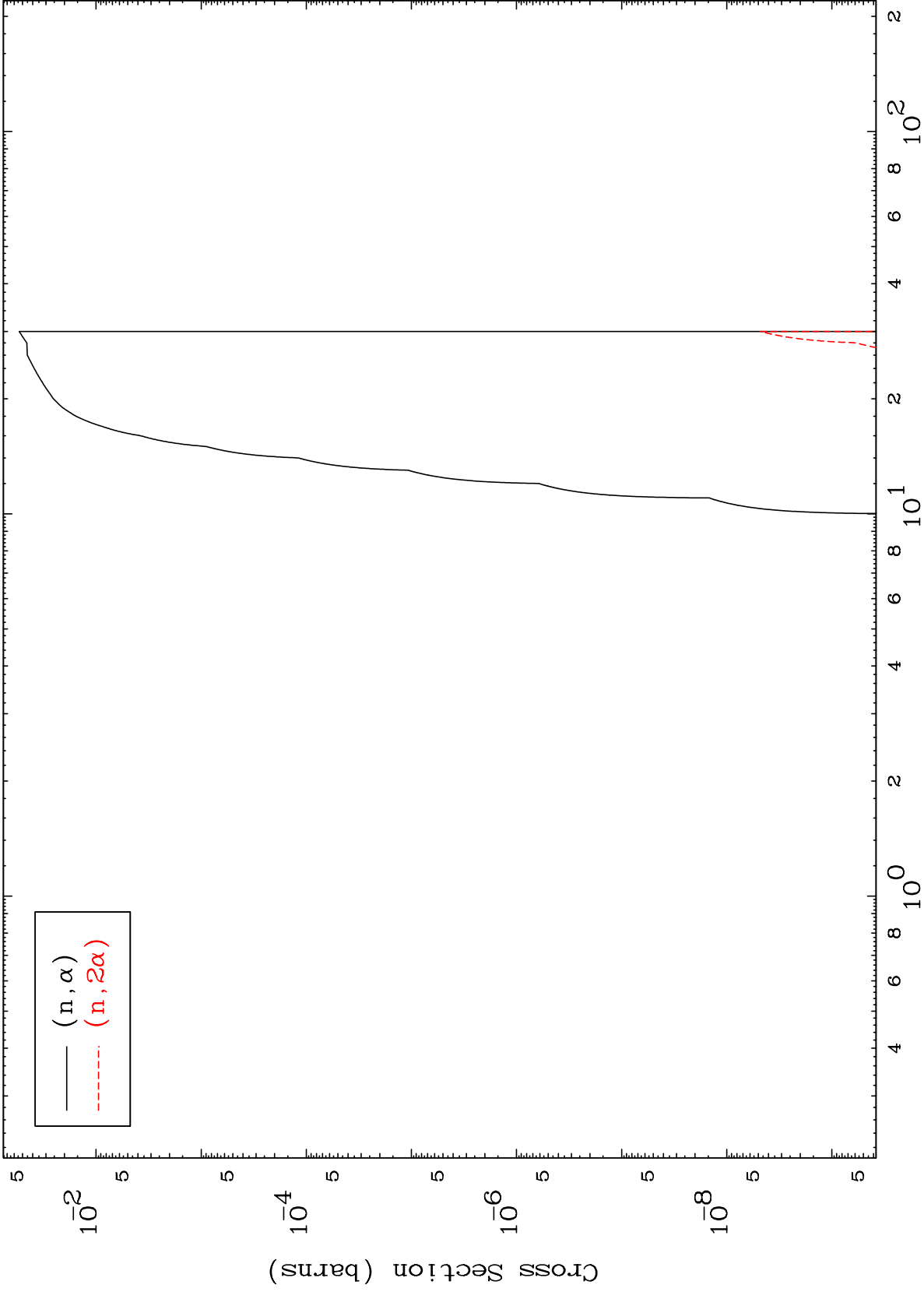




MAT 5640

(α, α) Levels
0 Kelvin Cross Sections

56-Ba-135



10

Incident Energy (MeV)

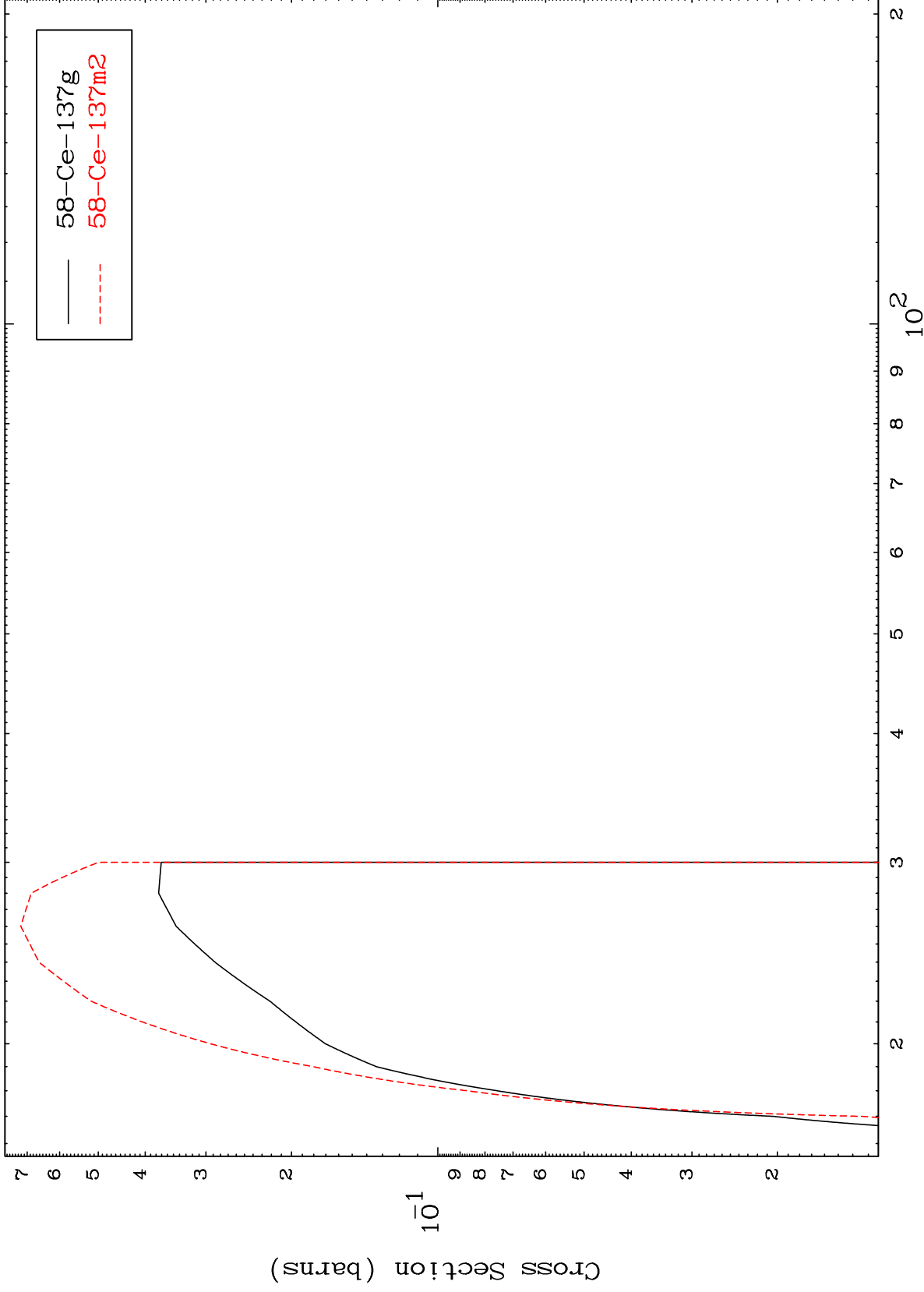
56-Ba-135

MAT 5640

(n,2n)

56-Ba-135

Radionuclide Production Cross Section



11

Incident Energy (MeV)

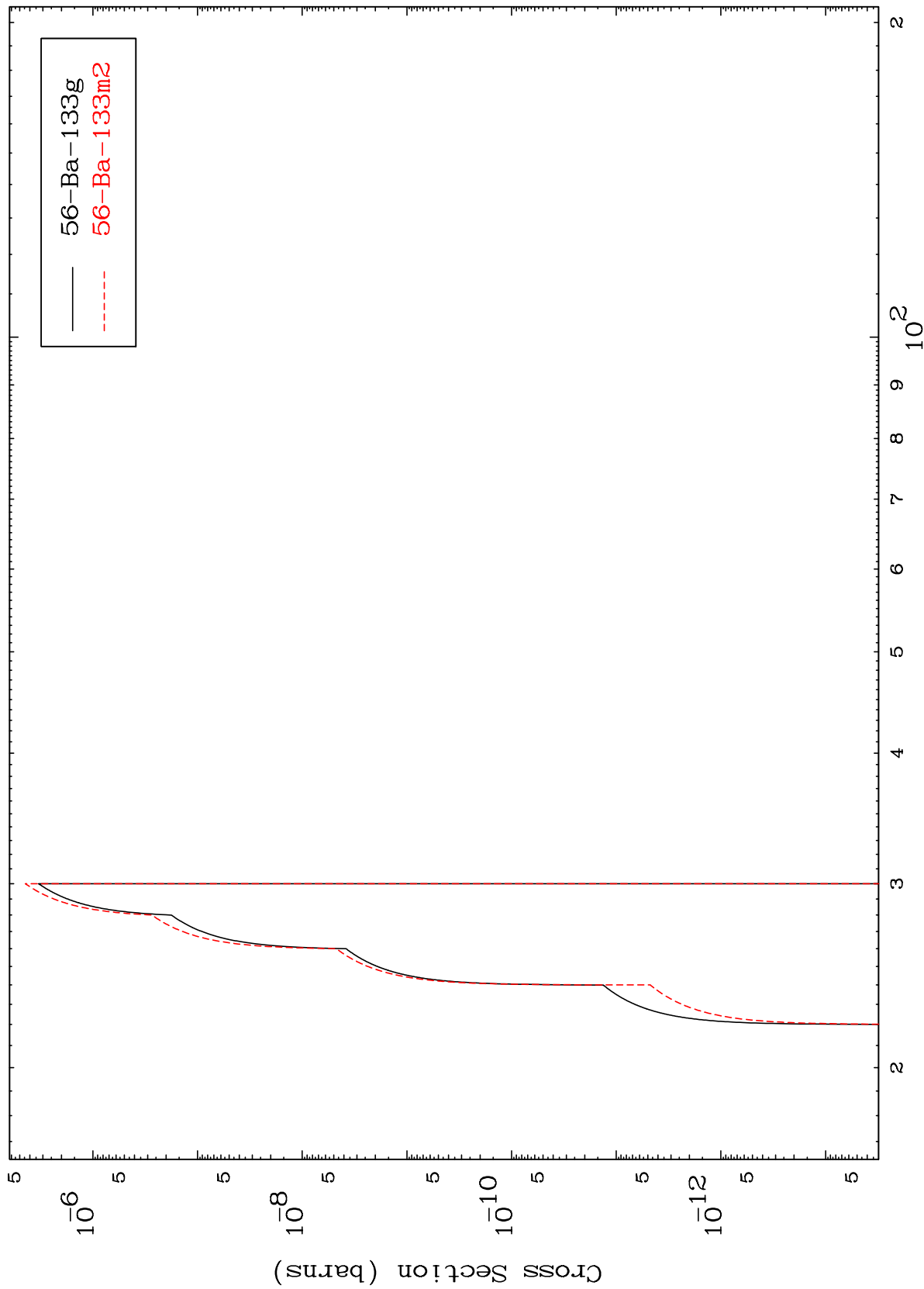
56-Ba-135

MAT 5640

56-Ba-135

(n,2n) α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

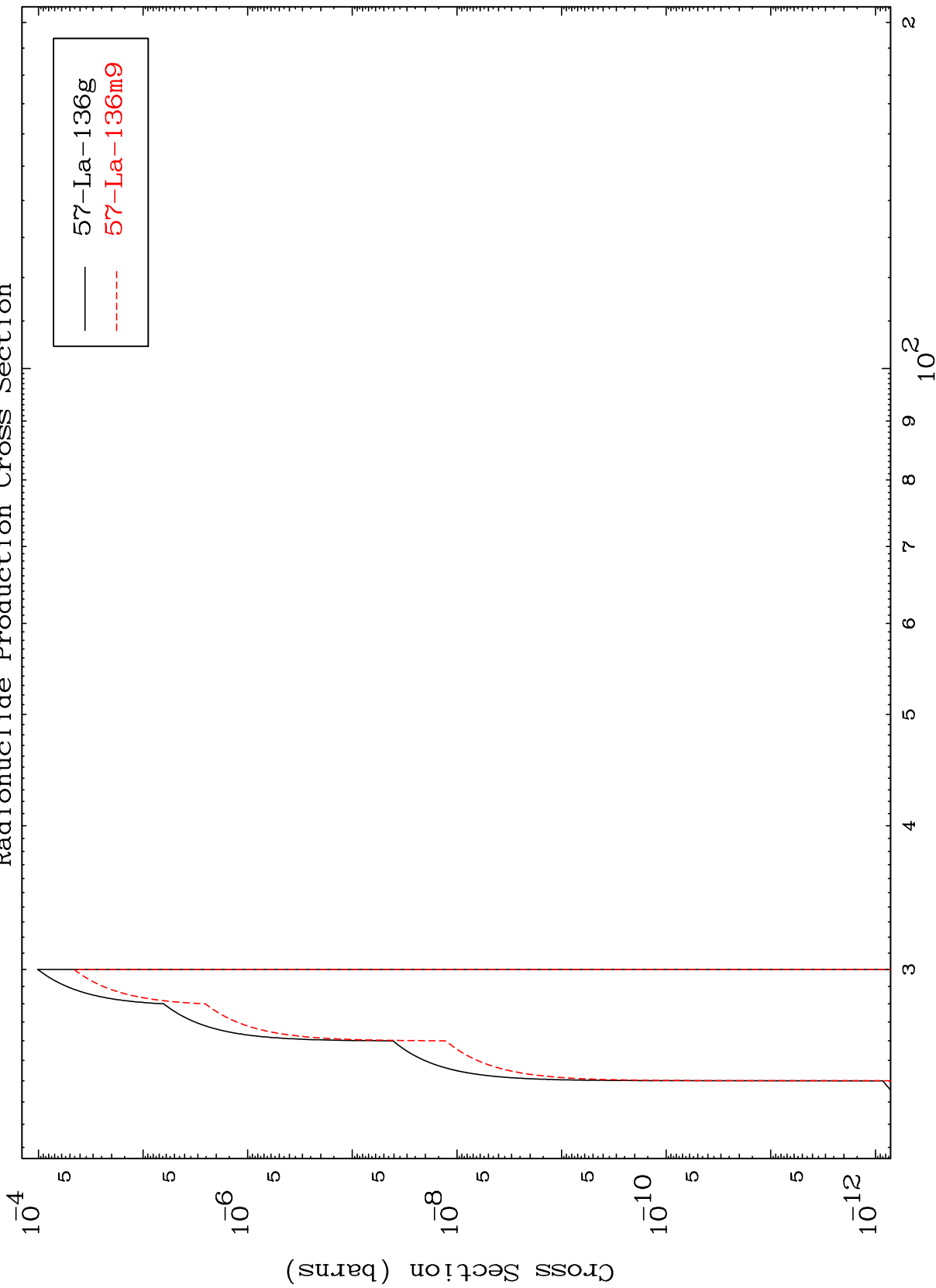
56-Ba-135

MAT 5640

(n,n') d

56-Ba-135

Radionuclide Production Cross Section



13

Incident Energy (MeV)

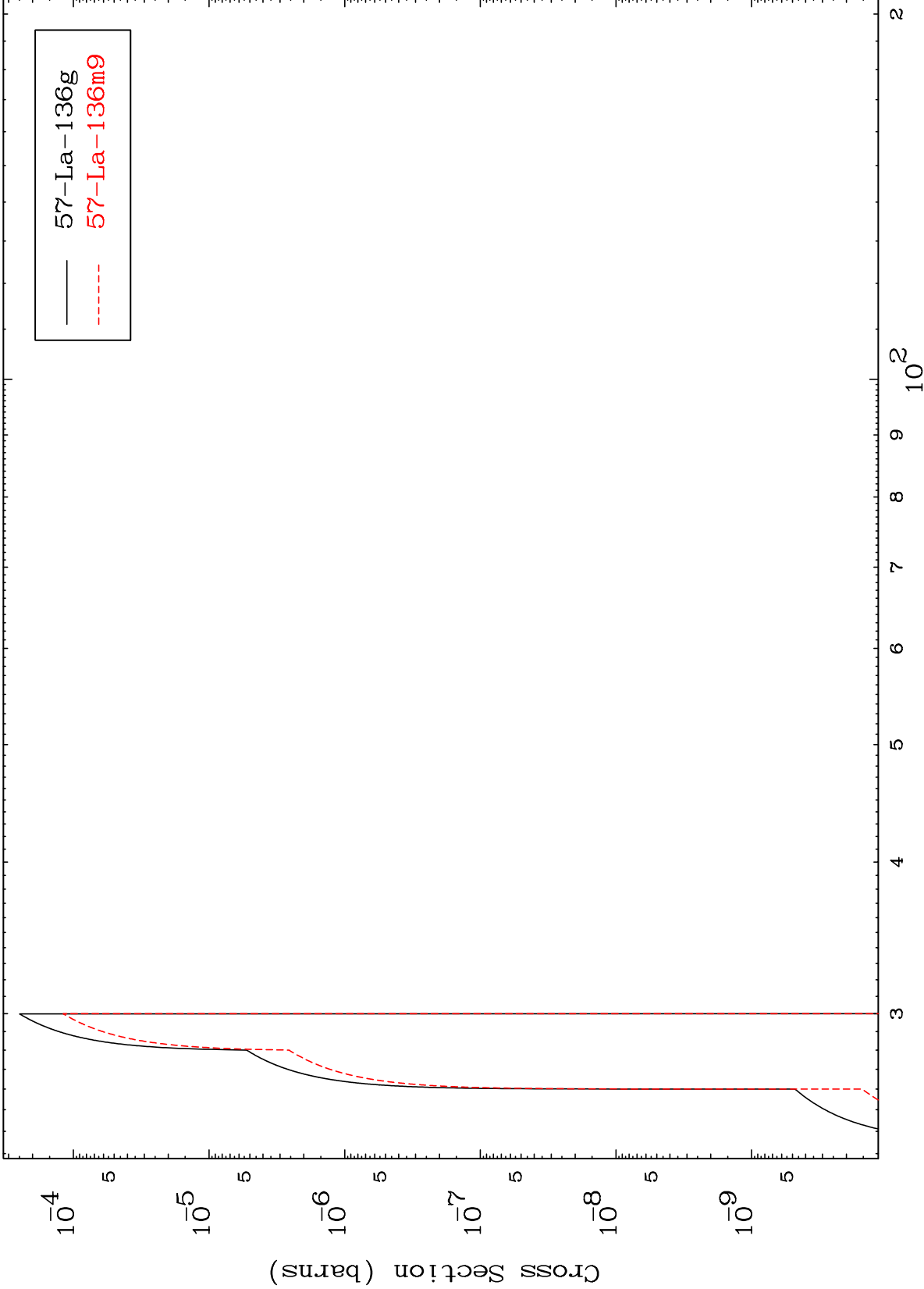
56-Ba-135

MAT 5640

(n,2n) p

56-Ba-135

Radionuclide Production Cross Section



14

Incident Energy (MeV)

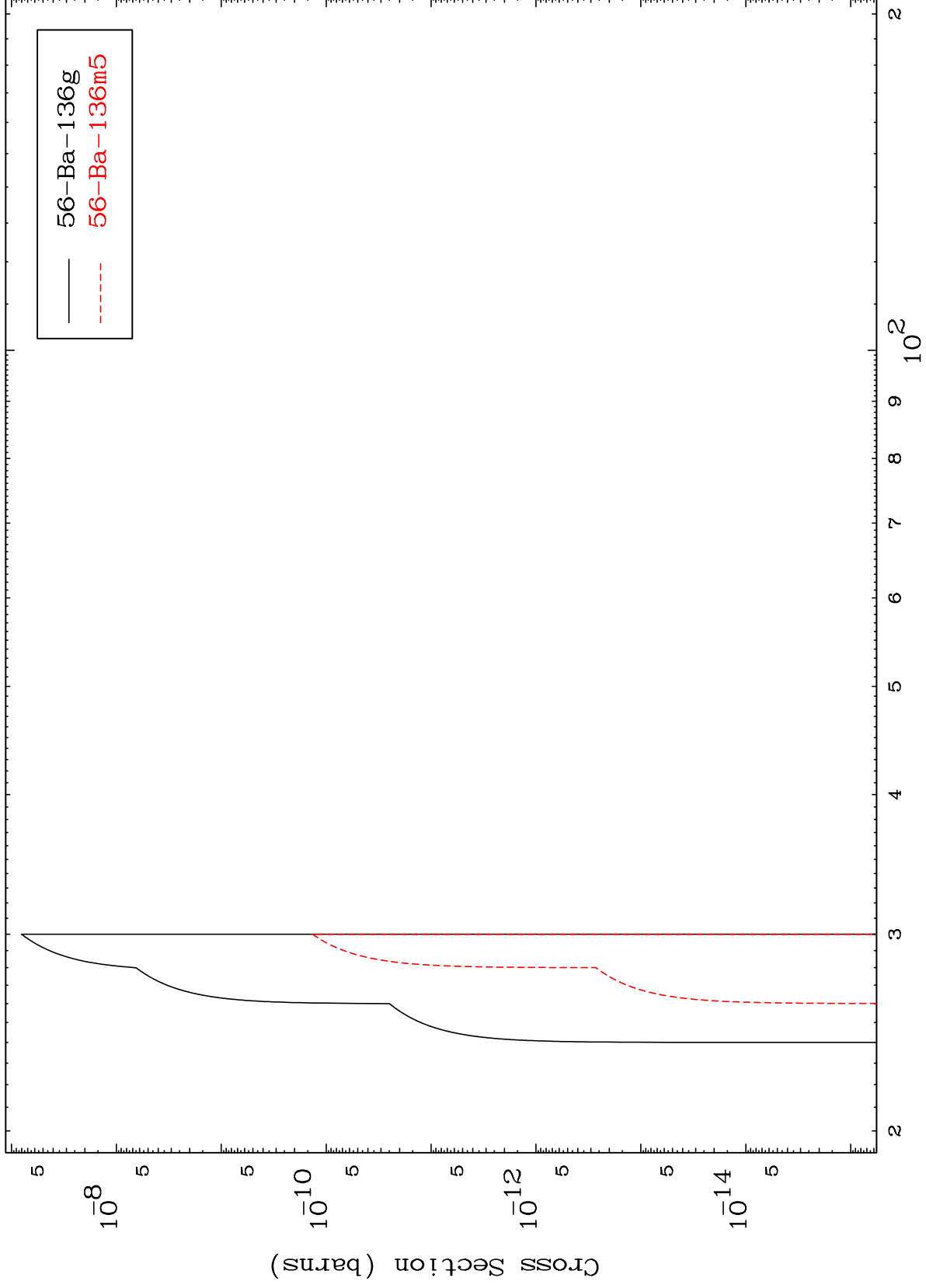
56-Ba-135

MAT 5640

(n,2n) p

56-Ba-135

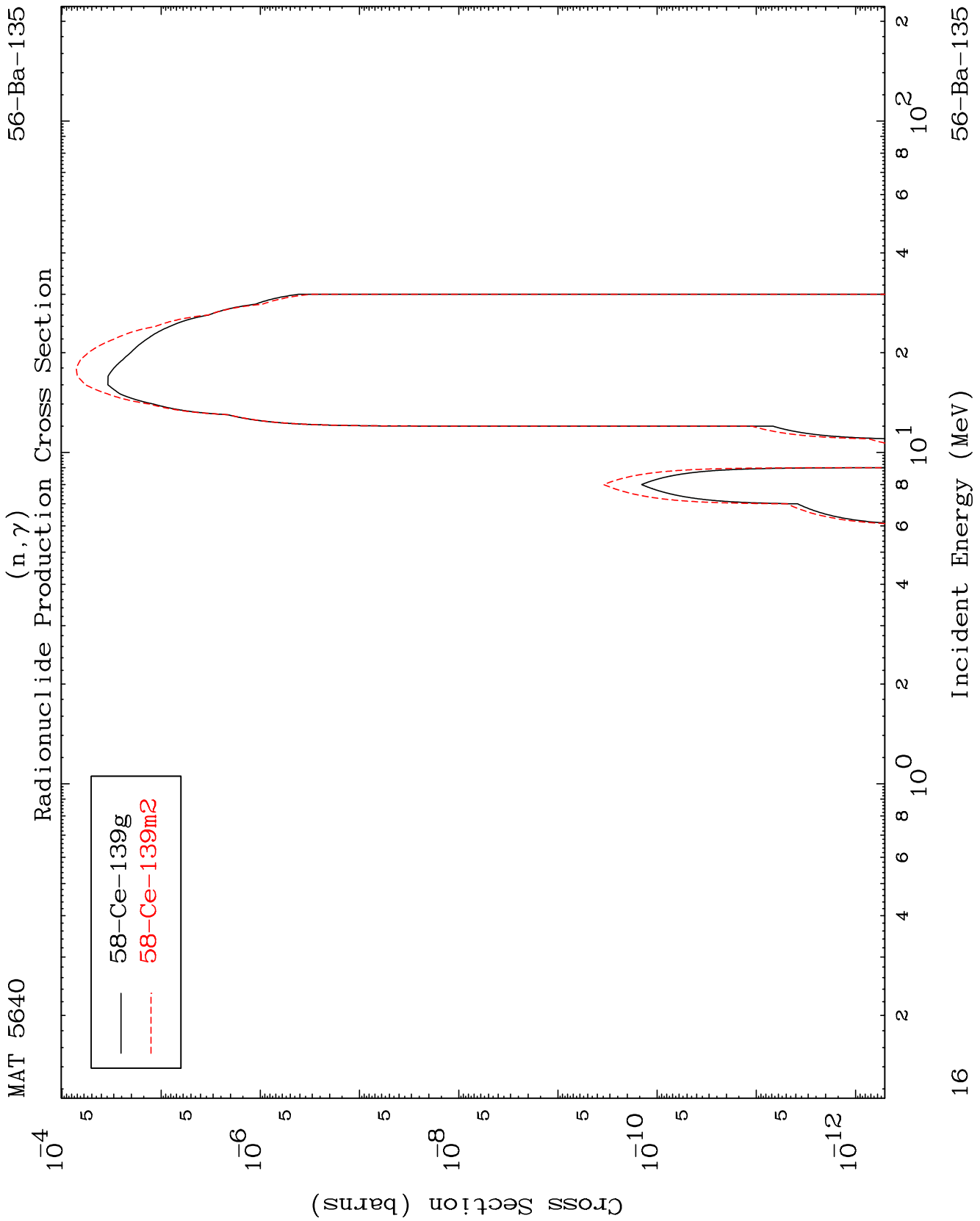
Radionuclide Production Cross Section



15

Incident Energy (MeV)

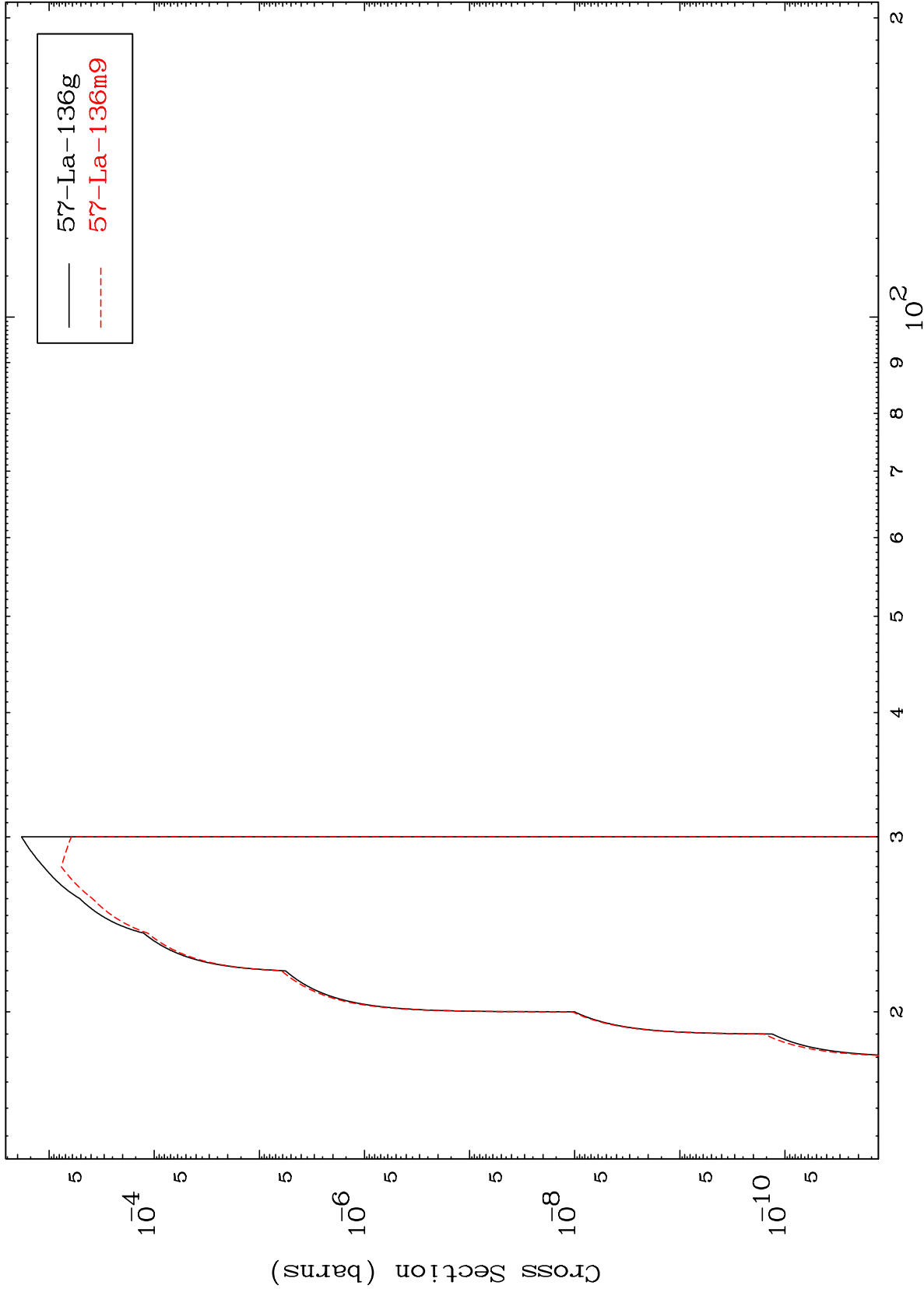
56-Ba-135



MAT 5640

56-Ba-135

(n,t)
Radionuclide Production Cross Section

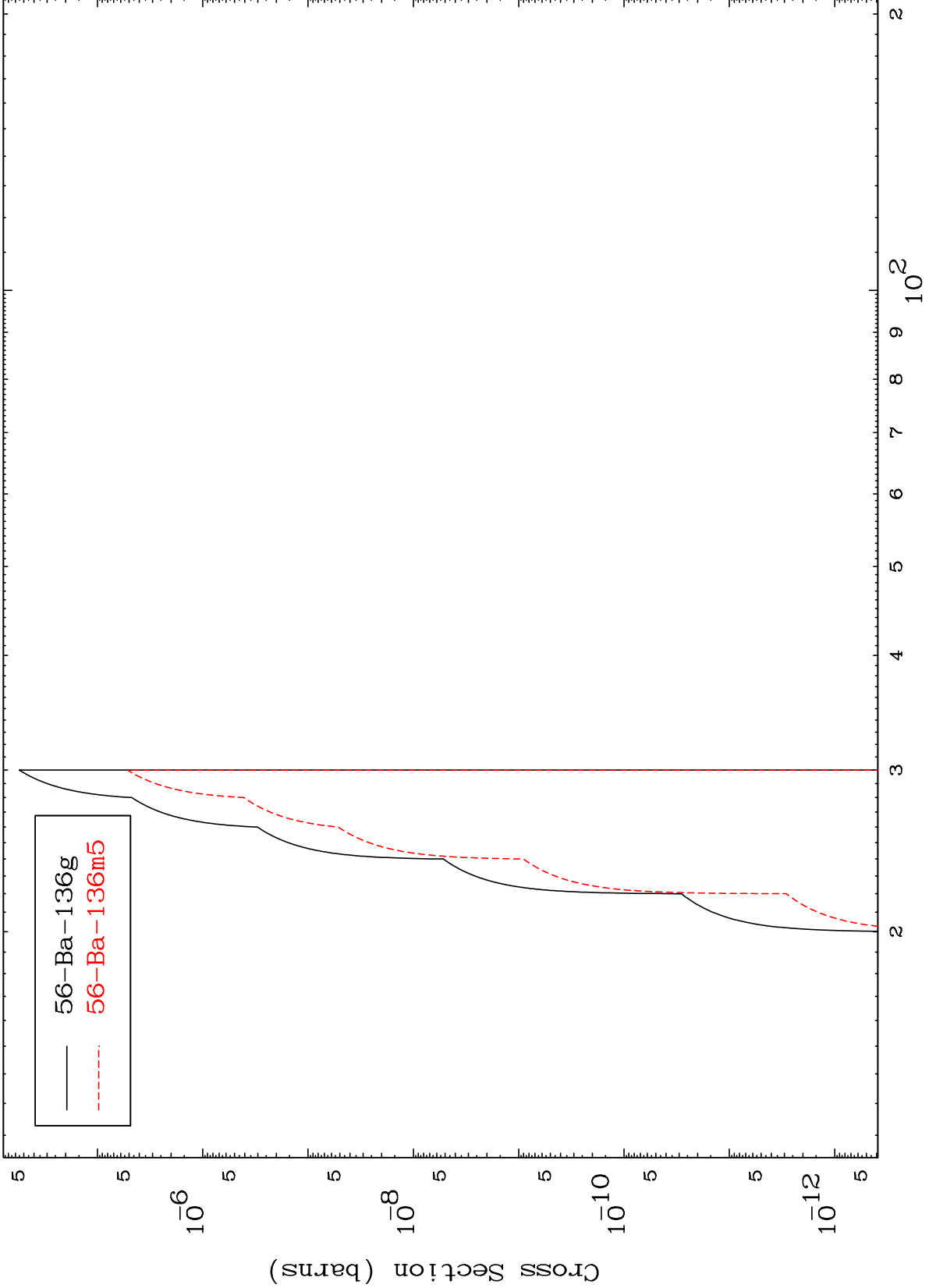


MAT 5640

(n,He-3)

56-Ba-135

Radionuclide Production Cross Section



18

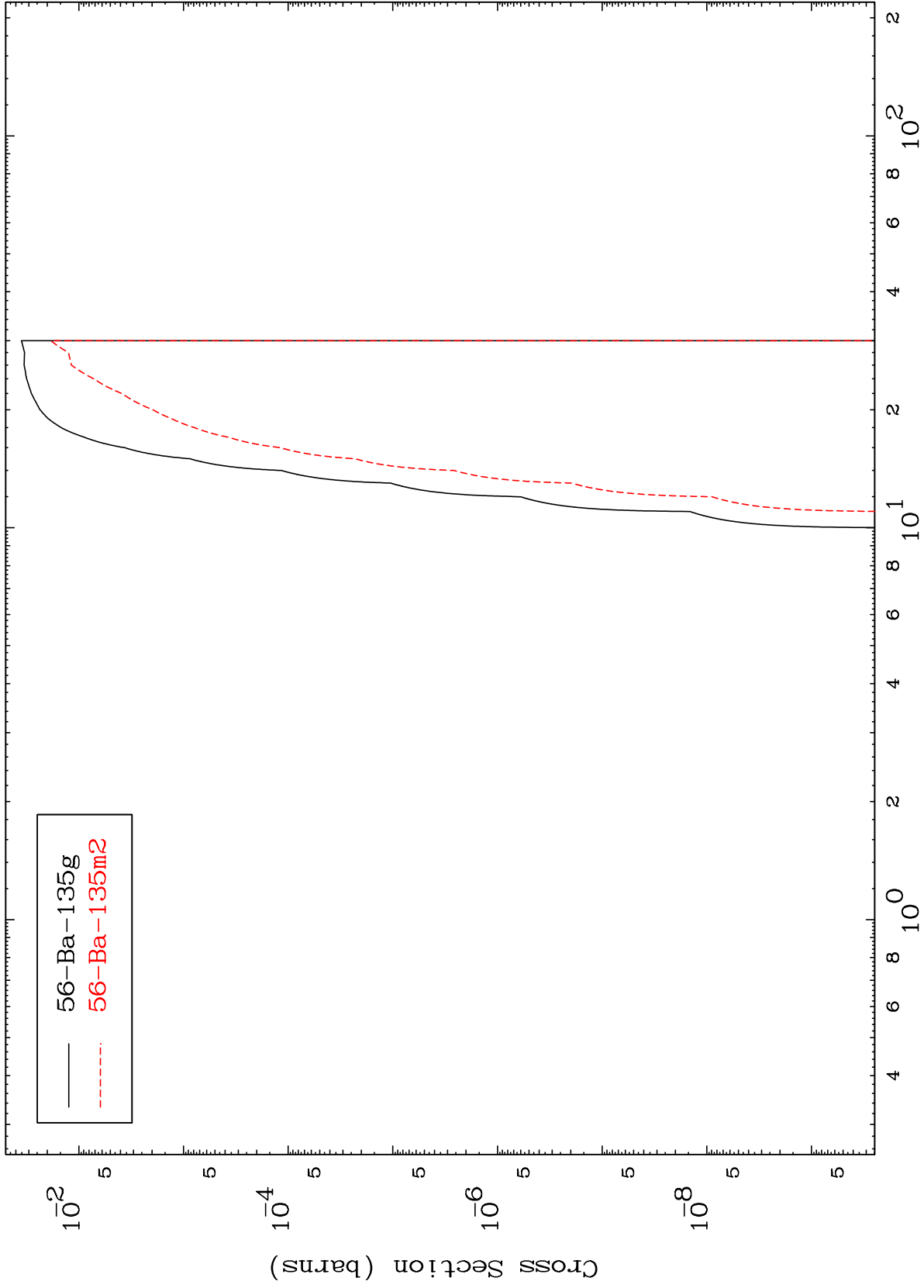
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

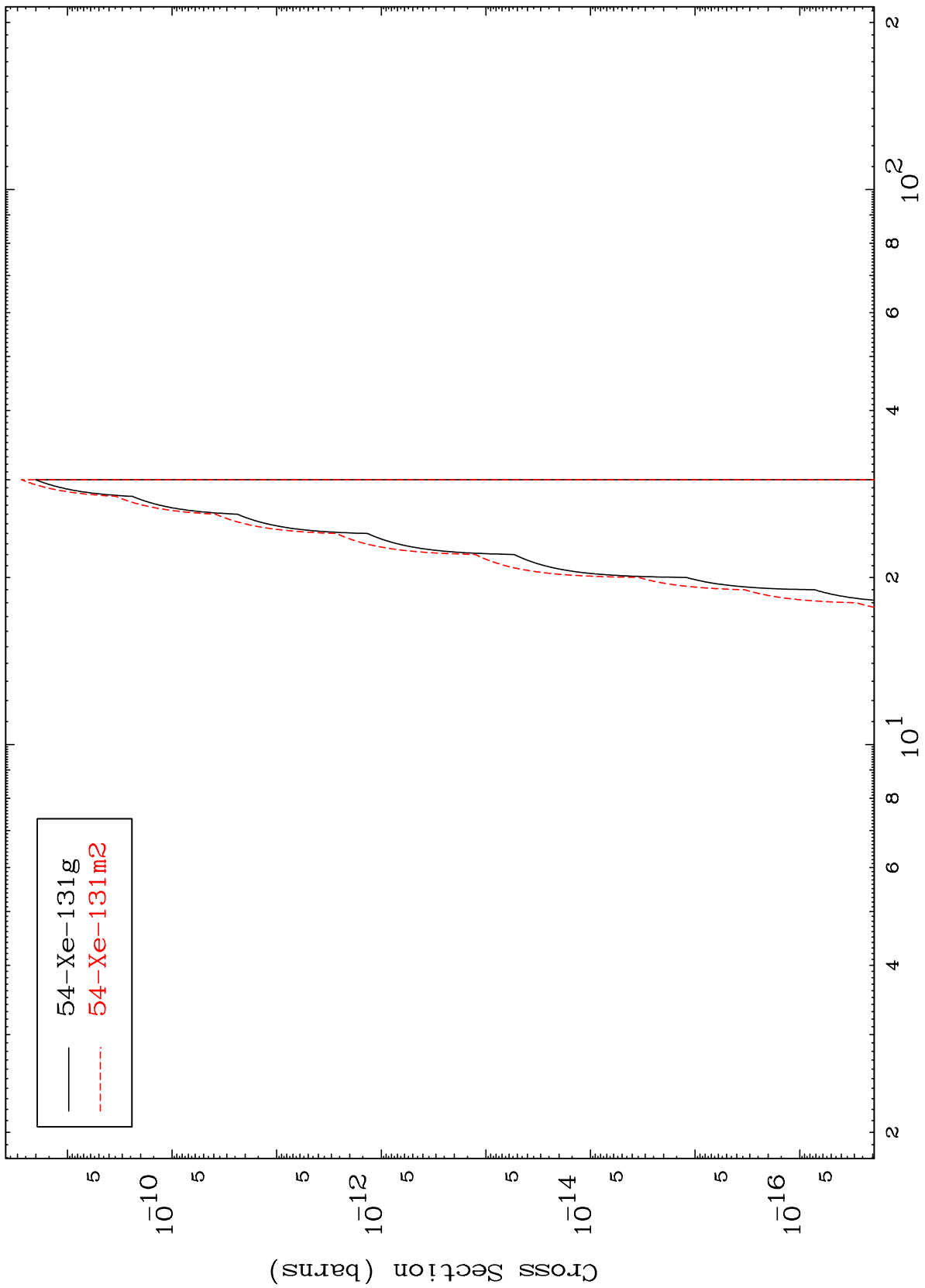
(n, α)
Radionuclide Production Cross Section



MAT 5640

56-Ba-135

Radionuclide Production Cross Section
(n,2α)



20

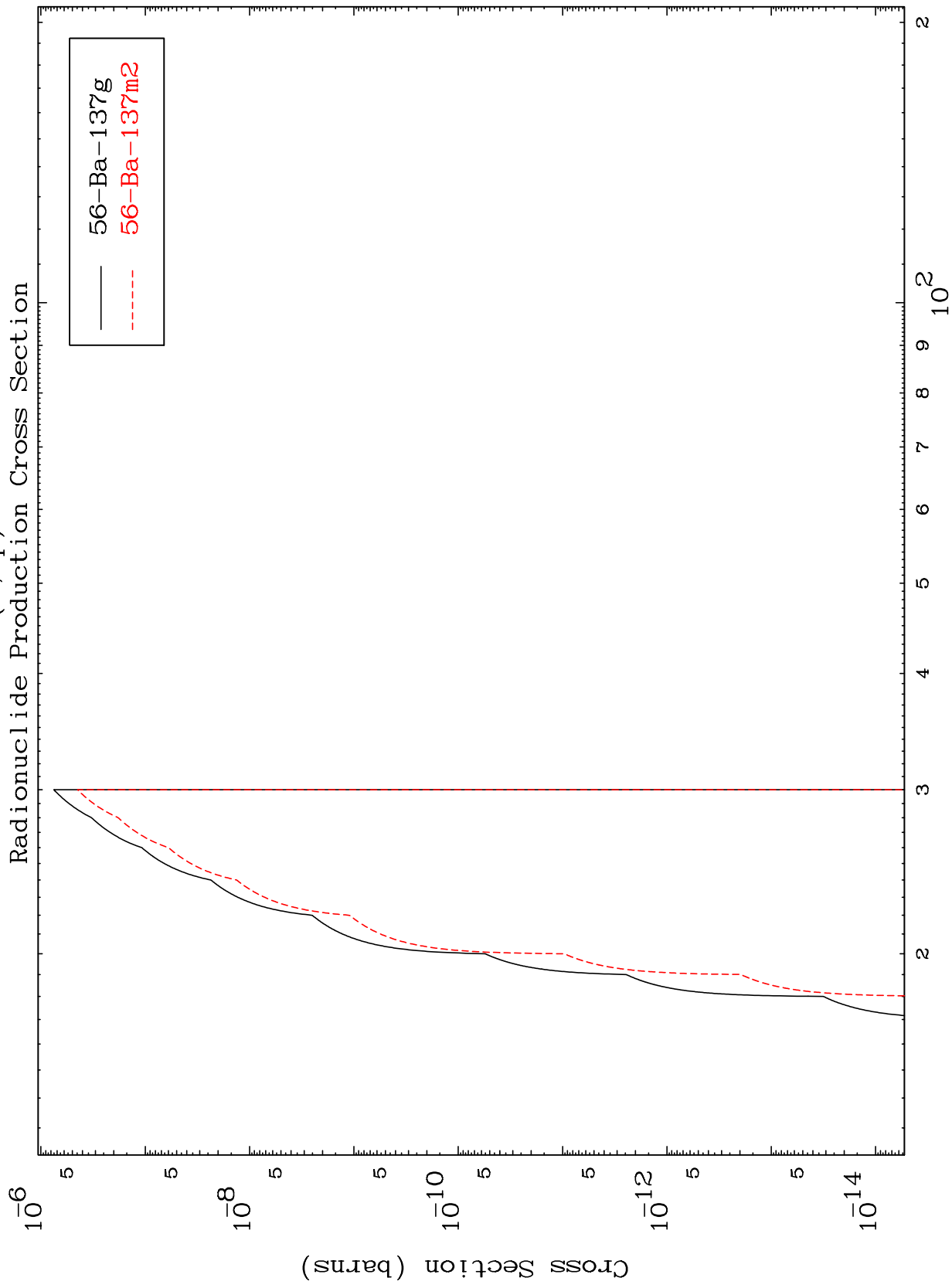
Incident Energy (MeV)

56-Ba-135

MAT 5640

56-Ba-135

(n,2p)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

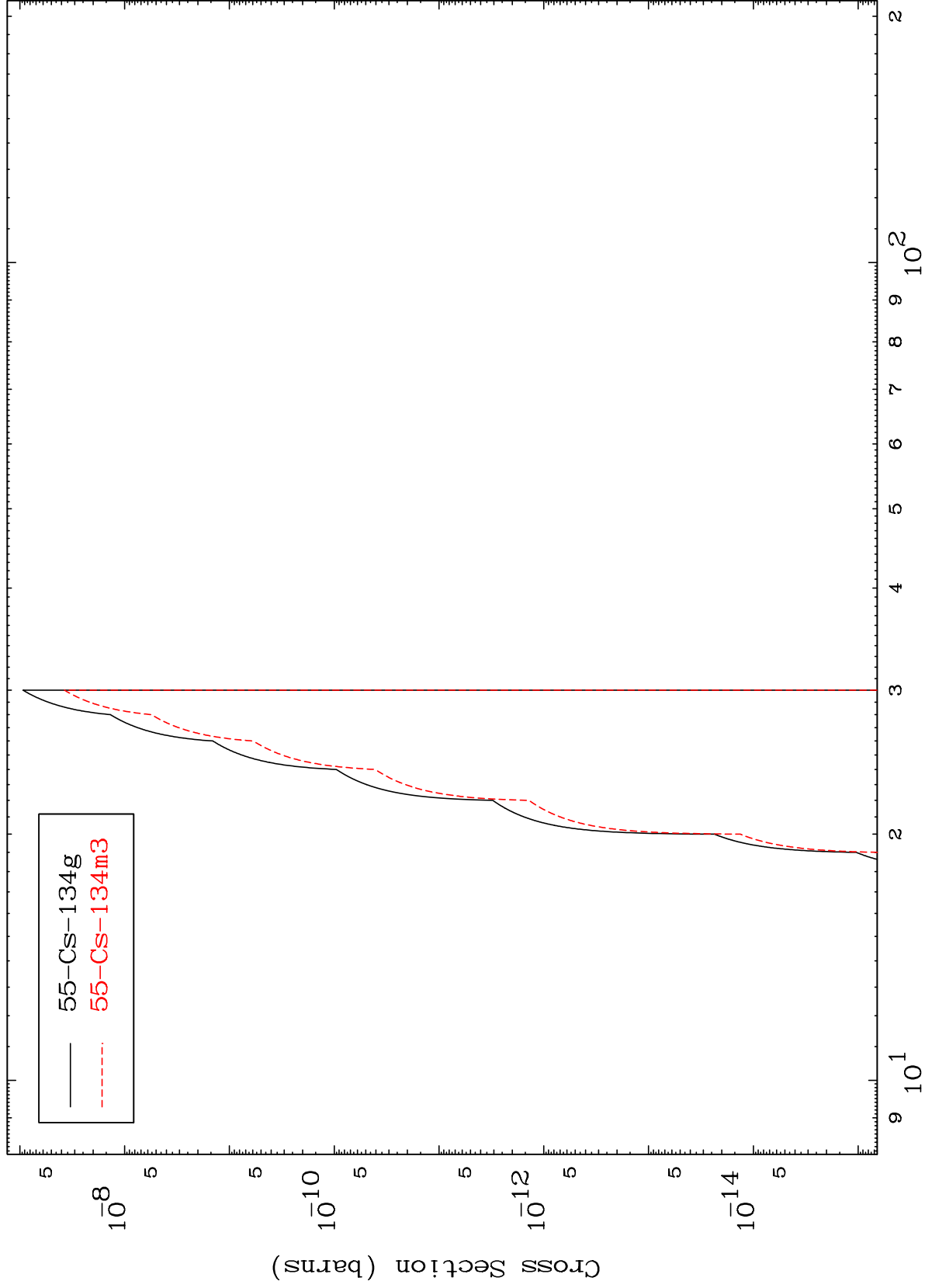
56-Ba-135

MAT 5640

(n,p) α

56-Ba-135

Radionuclide Production Cross Section



22

Incident Energy (MeV)

56-Ba-135

Radionuclide Production Cross Section

