

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

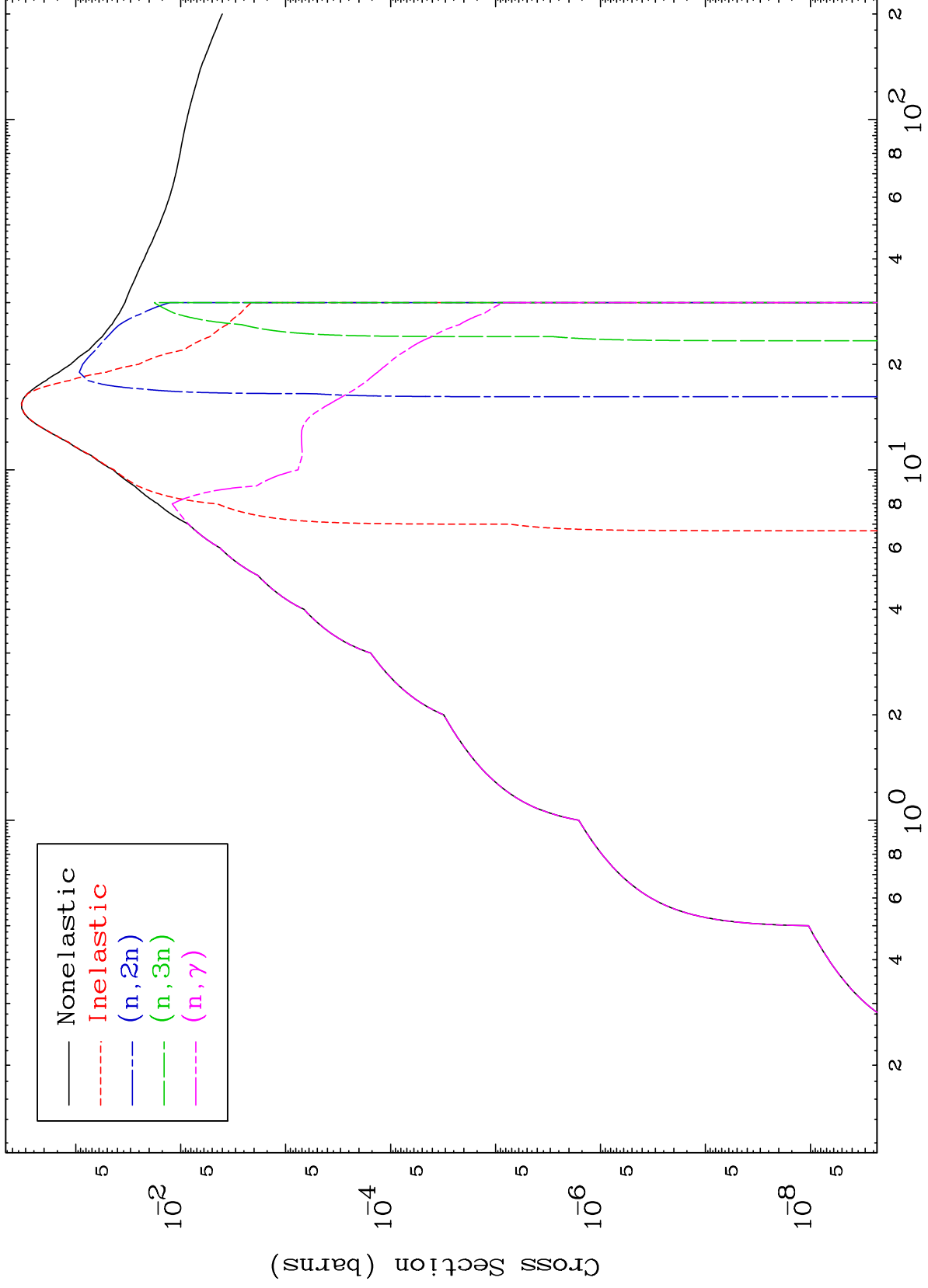
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5641

Photon Major
0 Kelvin Cross Sections

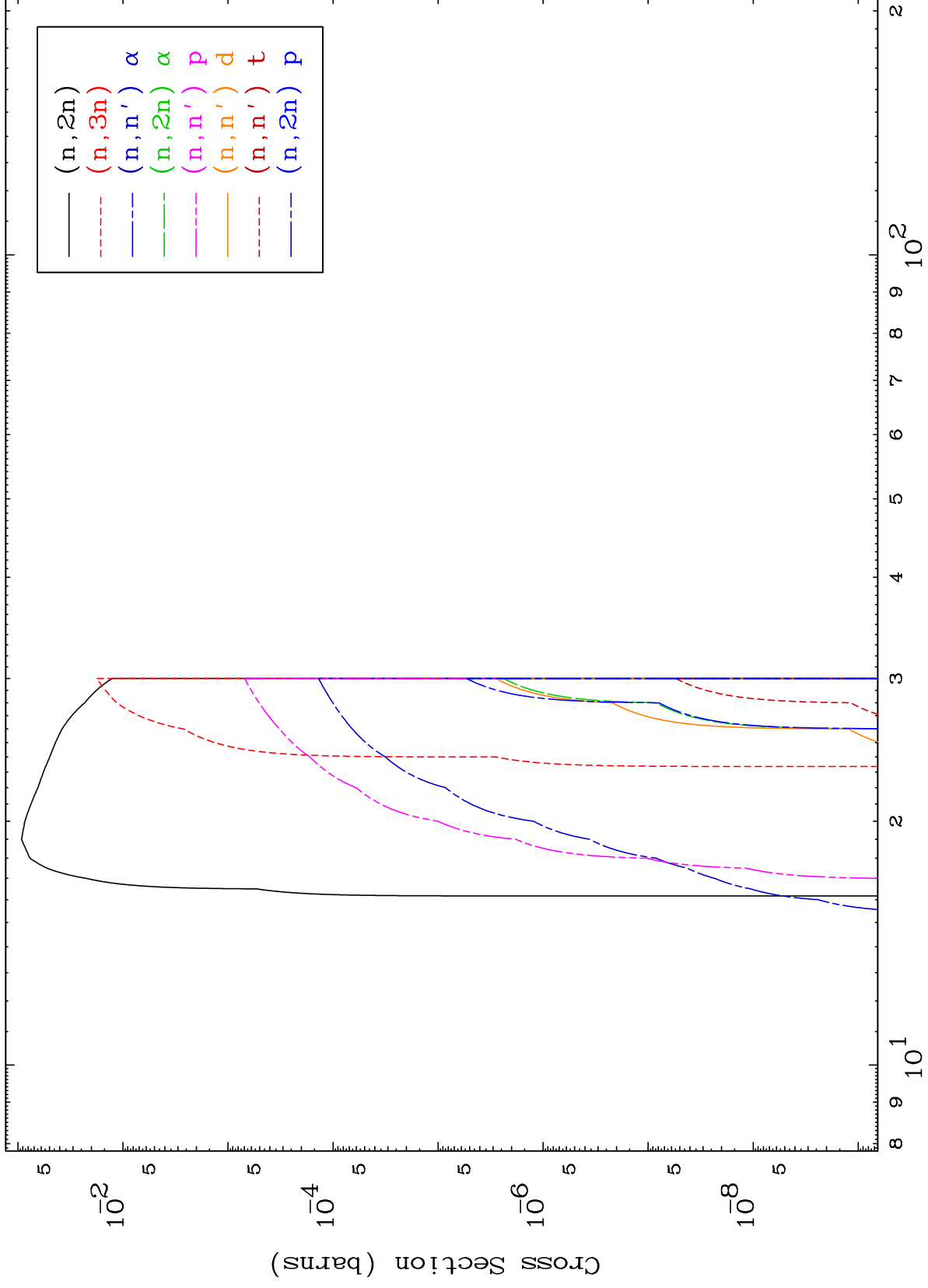
56-Ba-135m



MAT 5641

Photon Neutron Absorption
0 Kelvin Cross Sections

56-Ba-135m



2

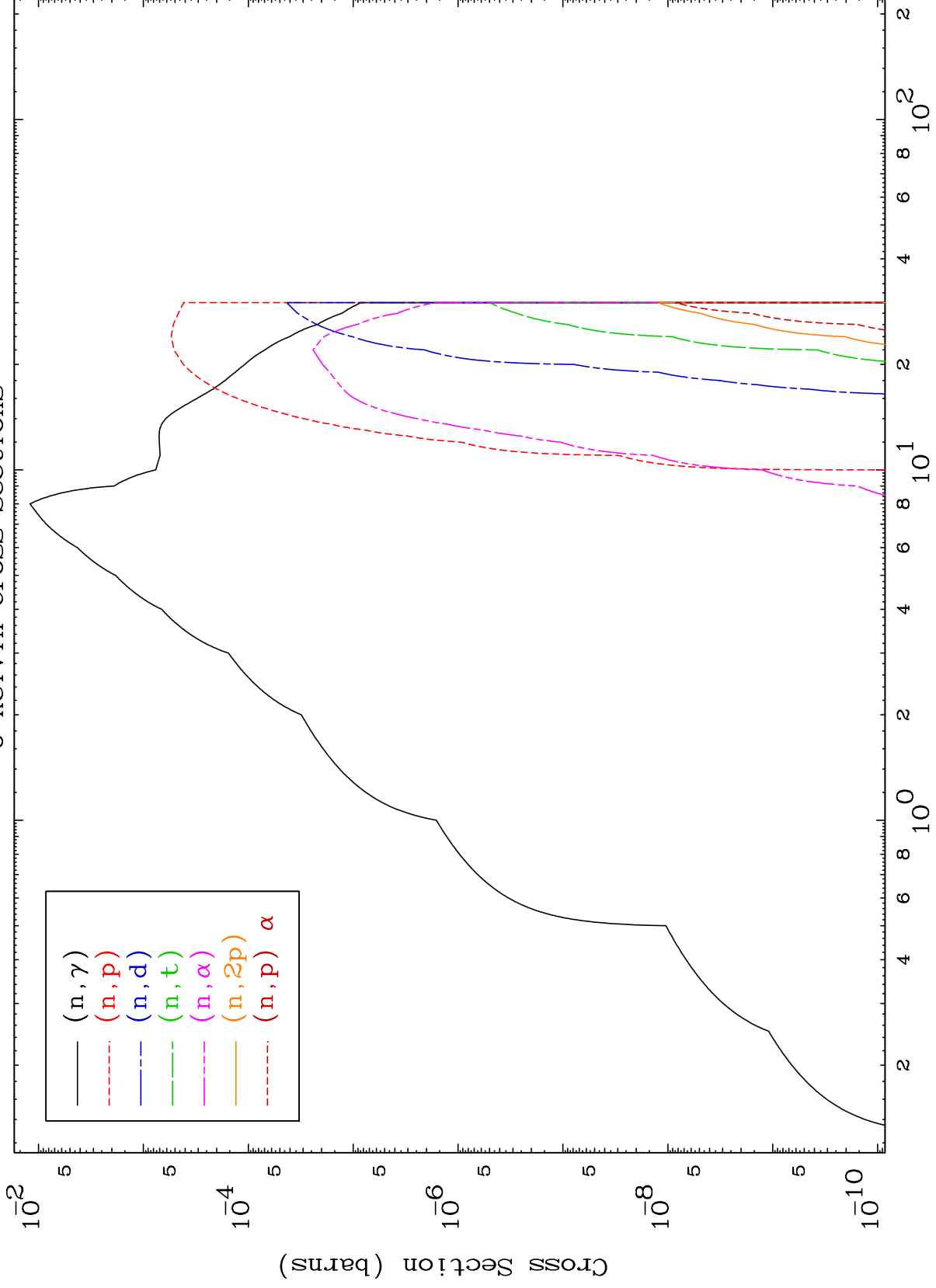
Incident Energy (MeV)

56-Ba-135m

MAT 5641

Photon Neutron Absorption
0 Kelvin Cross Sections

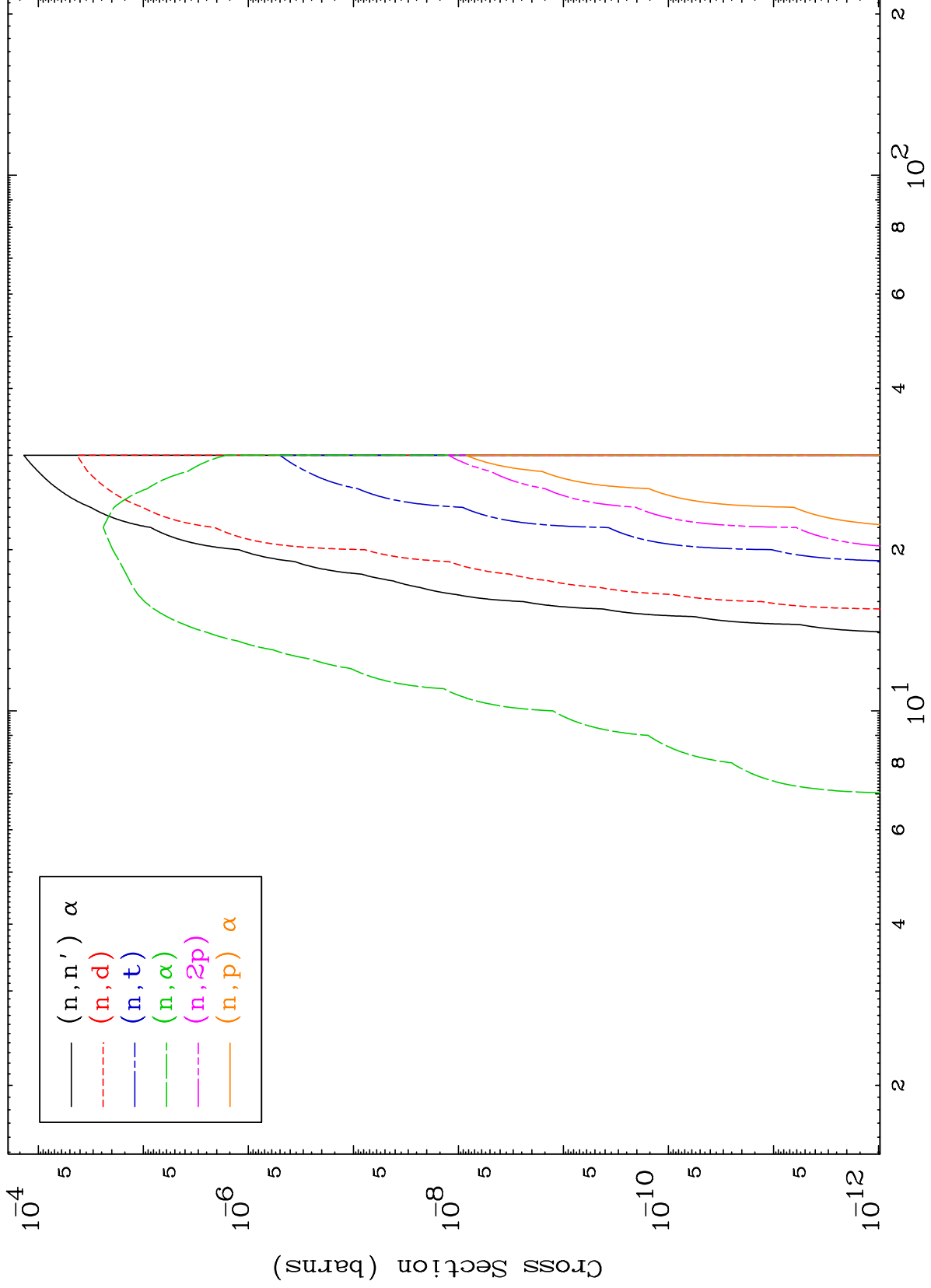
56-Ba-135m



MAT 5641

Photon Charged Particle
0 Kelvin Cross Sections

56-Ba-135m



5

Incident Energy (MeV)

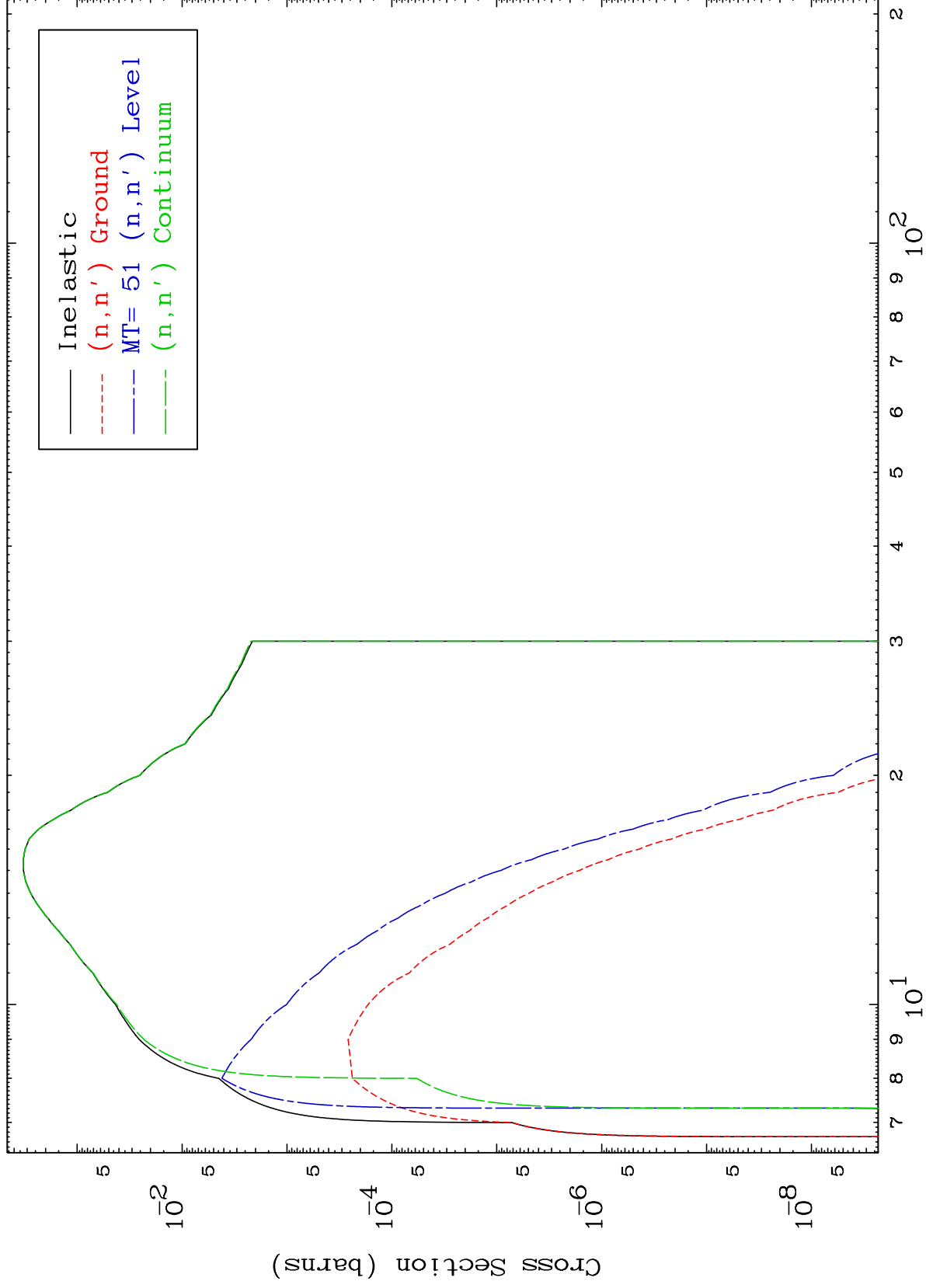
56-Ba-135m

MAT 5641

(γ, n') Levels

56-Ba-135m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

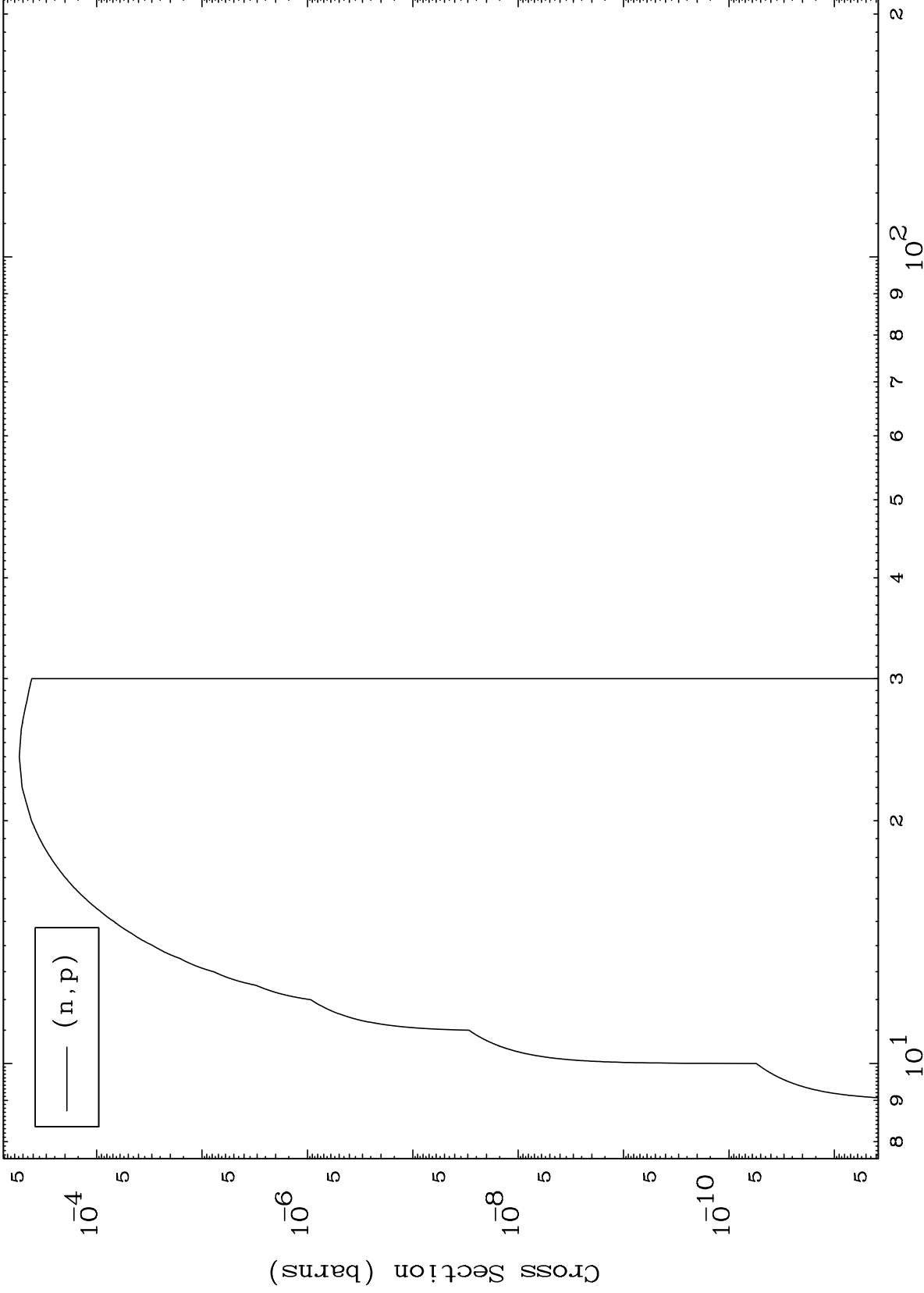
56-Ba-135m

MAT 5641

(γ, p) Levels

56-Ba-135m

0 Kelvin Cross Sections



7

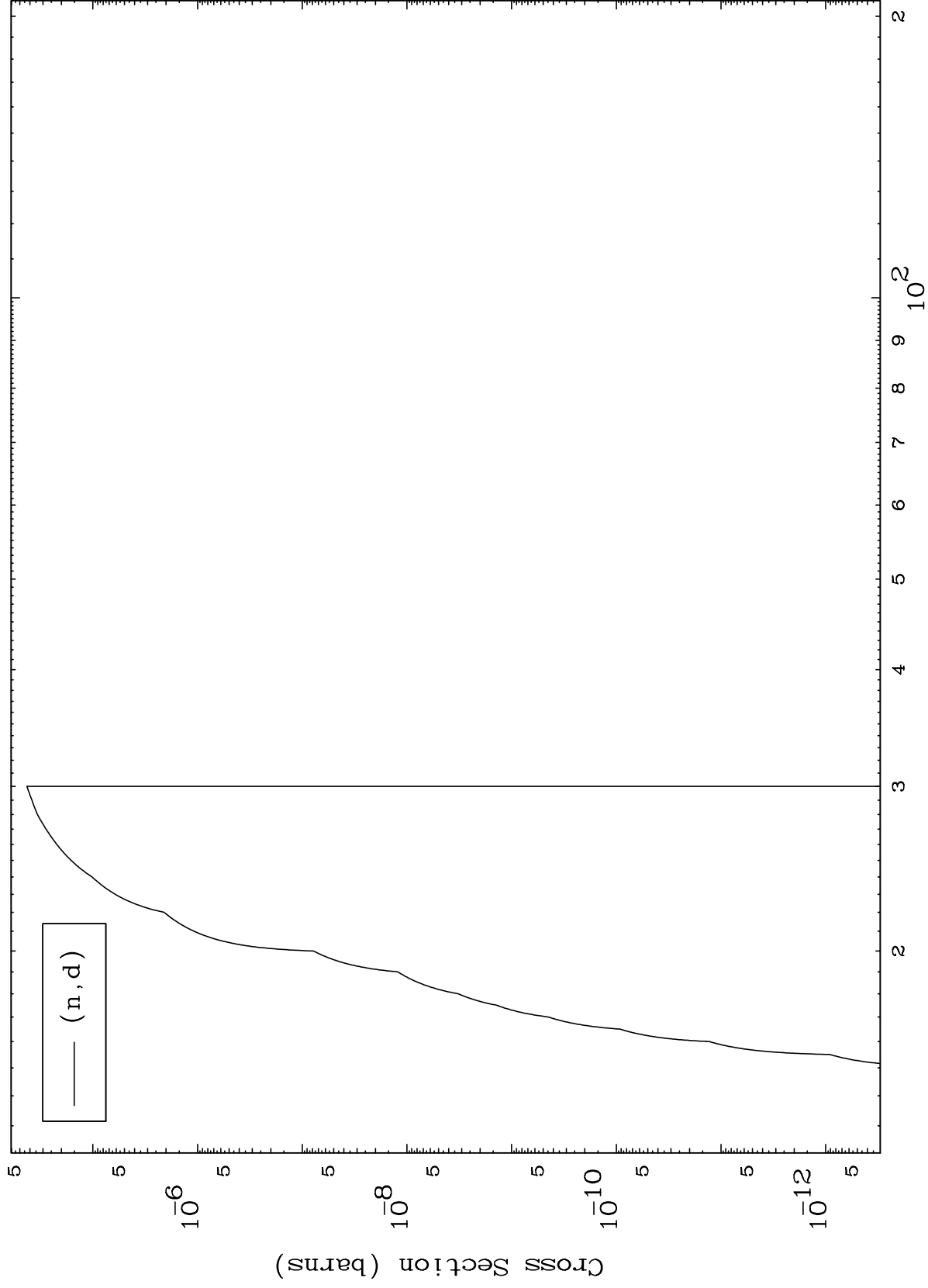
Incident Energy (MeV)

56-Ba-135m

MAT 5641

(γ, d) Levels
0 Kelvin Cross Sections

56-Ba-135m



8

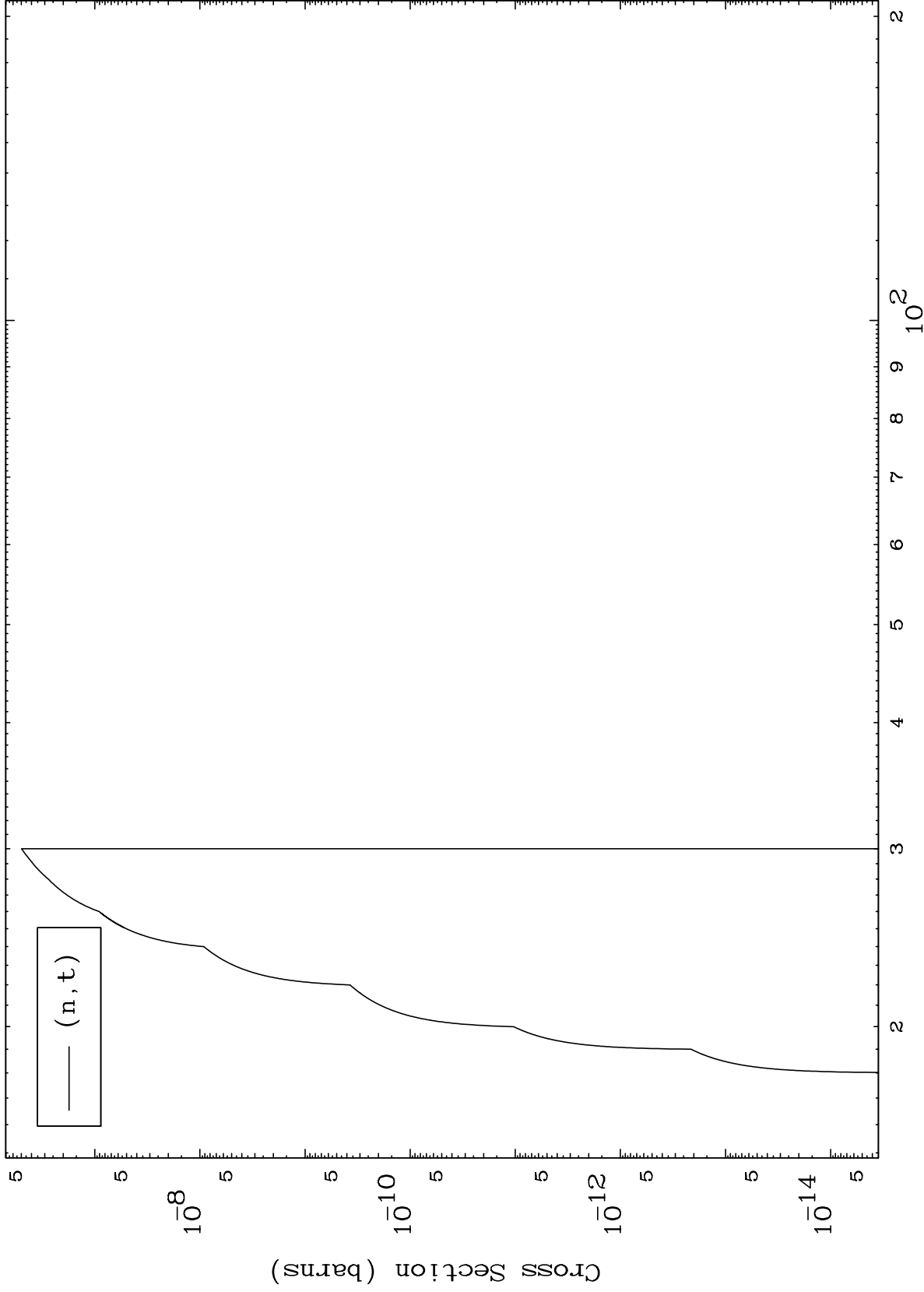
Incident Energy (MeV)

56-Ba-135m

MAT 5641

(γ, t) Levels
0 Kelvin Cross Sections

56-Ba-135m



9

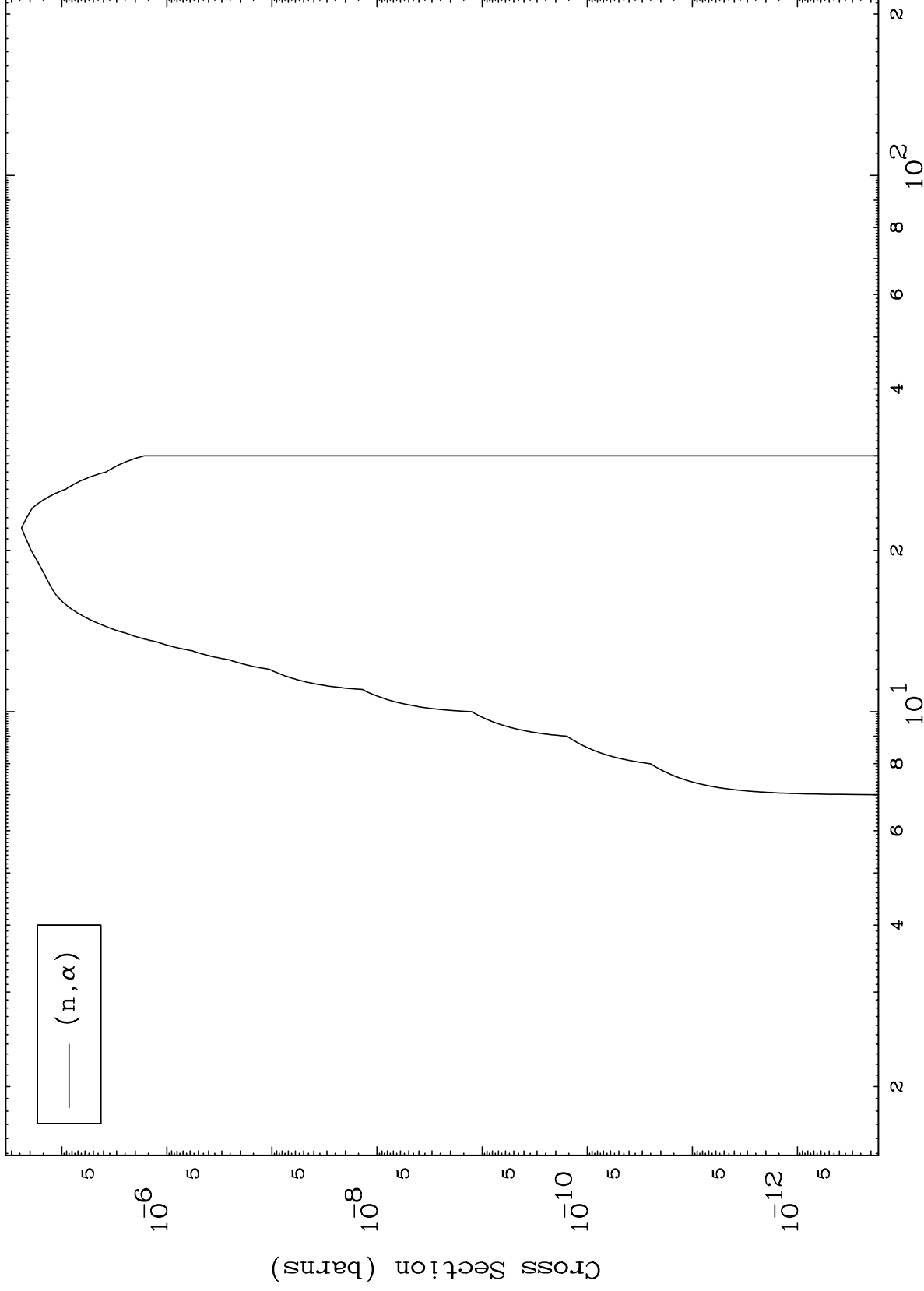
Incident Energy (MeV)

56-Ba-135m

MAT 5641

(γ, α) Levels
0 Kelvin Cross Sections

56-Ba-135m



10

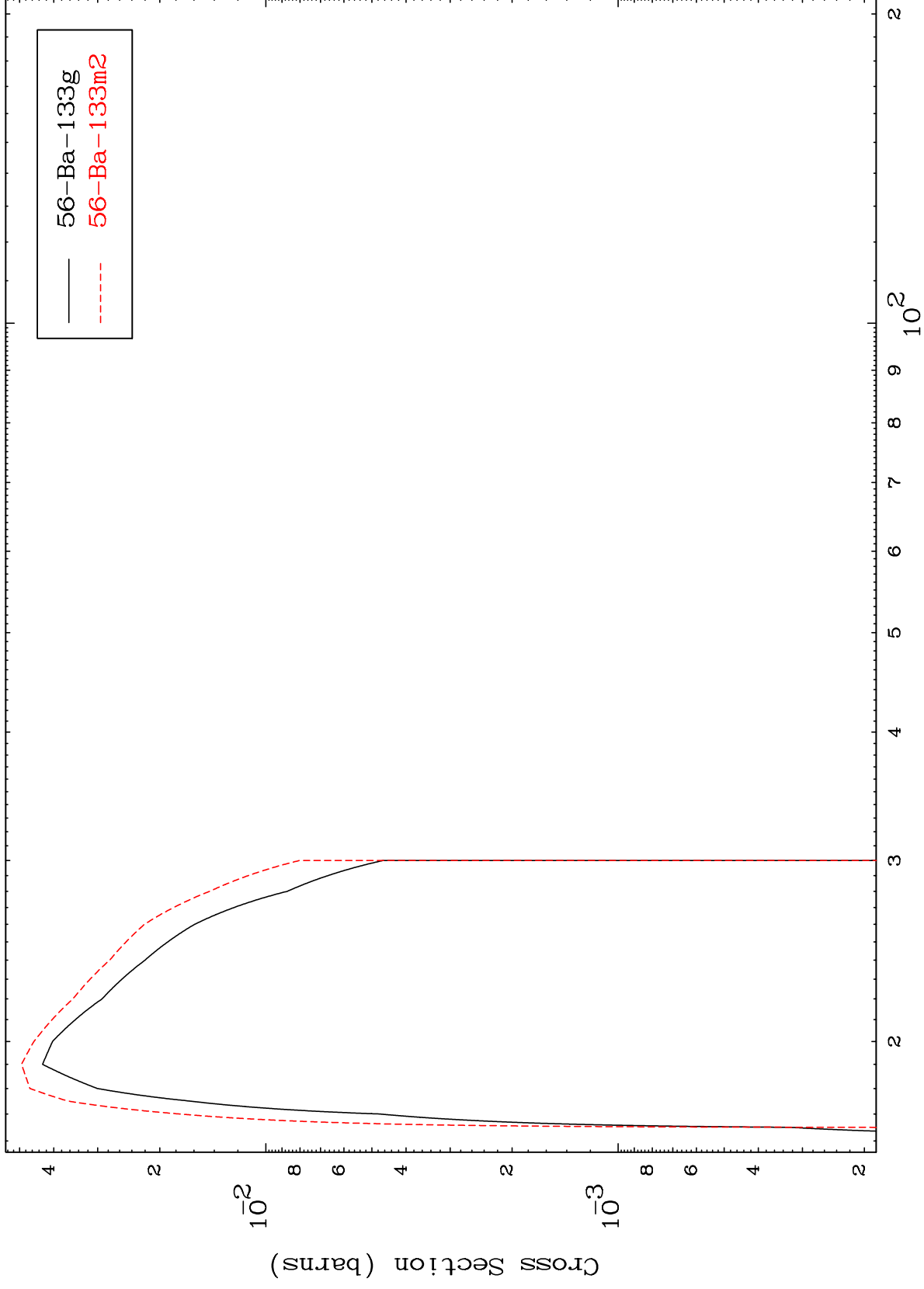
Incident Energy (MeV)

56-Ba-135m

MAT 5641

56-Ba-135m

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

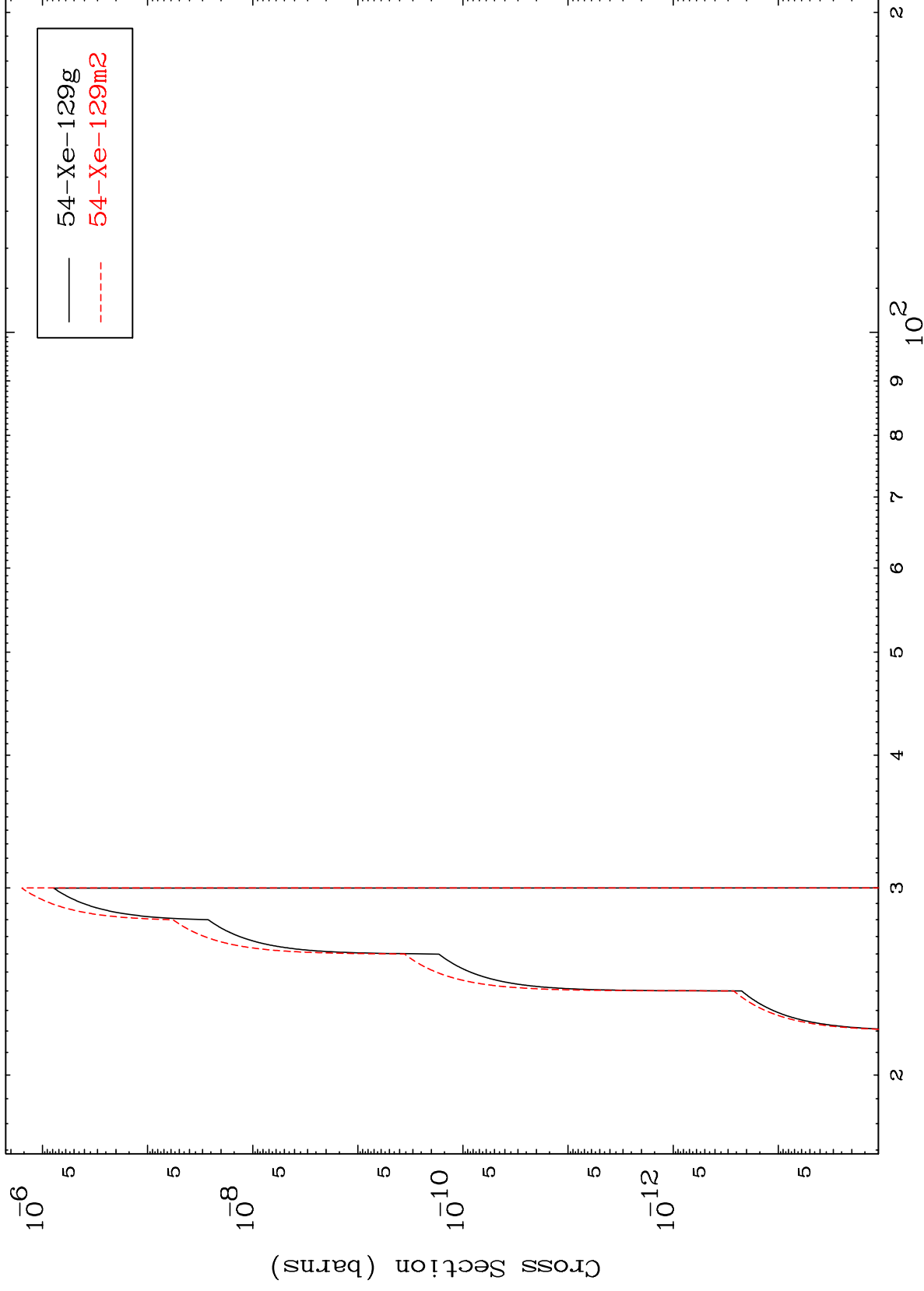
56-Ba-135m

MAT 5641

(n,2n) α

56-Ba-135m

Radionuclide Production Cross Section



12

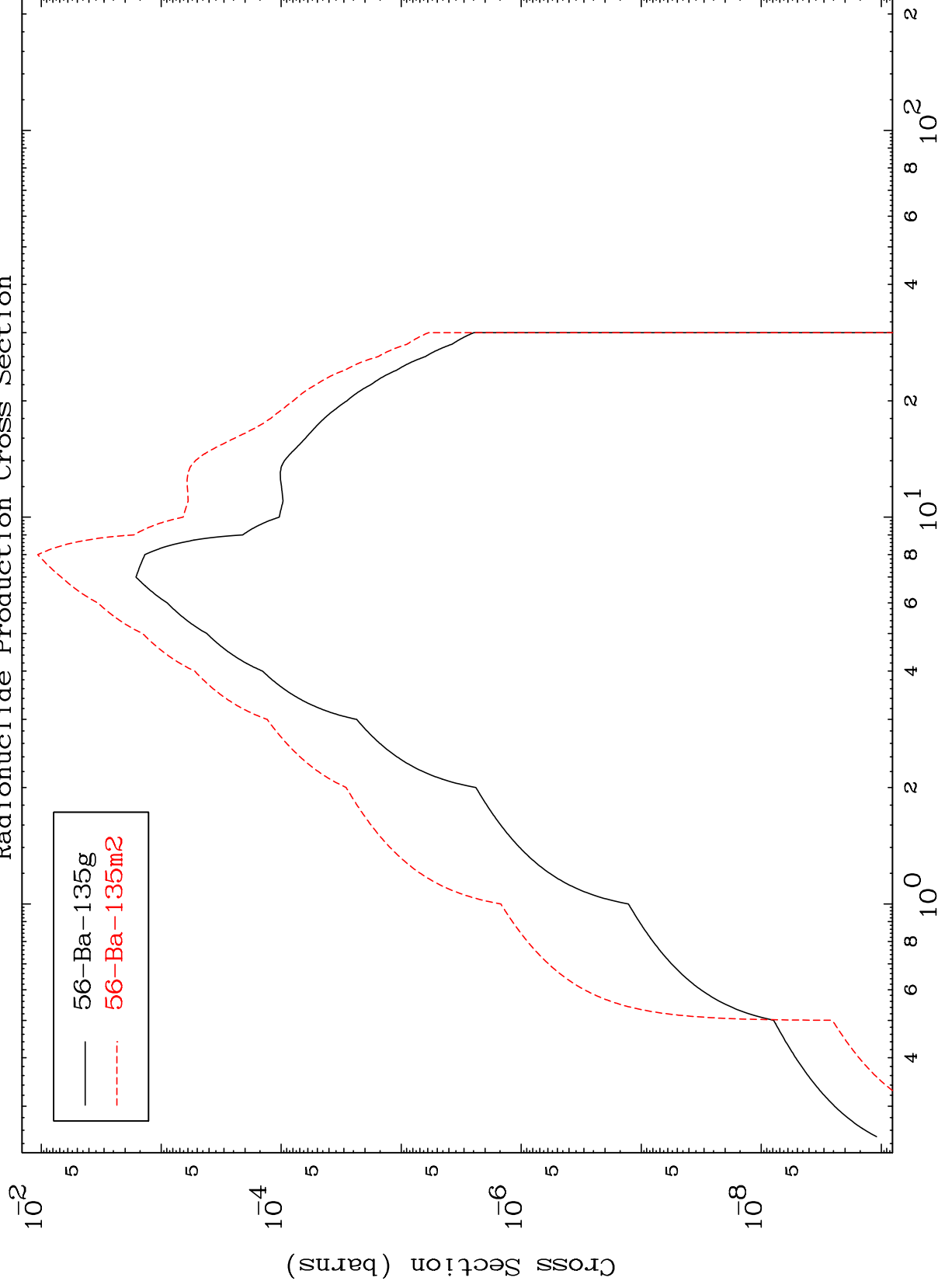
Incident Energy (MeV)

56-Ba-135m

MAT 5641

56-Ba-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

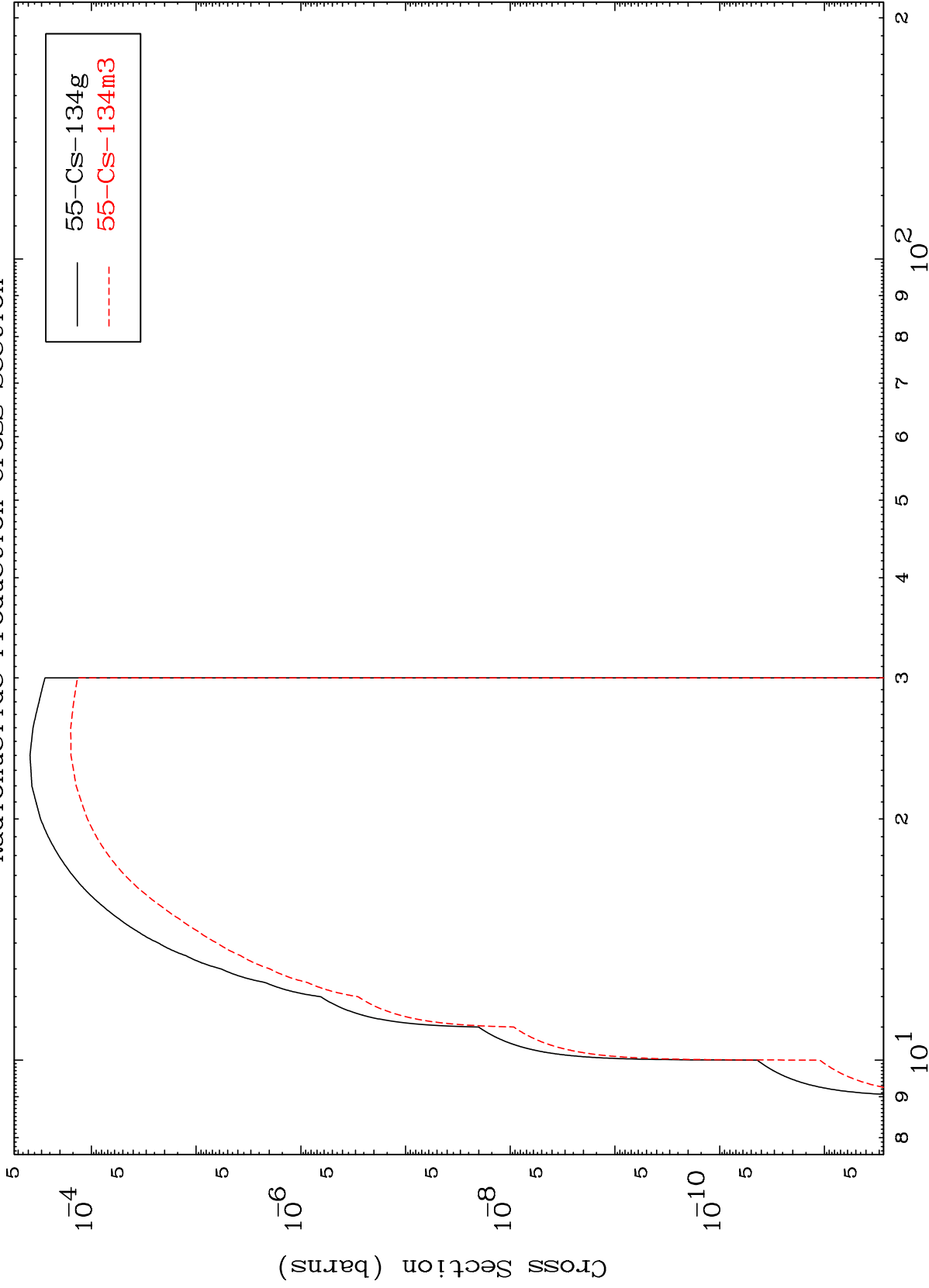
56-Ba-135m

13

MAT 5641

56-Ba-135m

(n,p)
Radionuclide Production Cross Section



56-Ba-135m

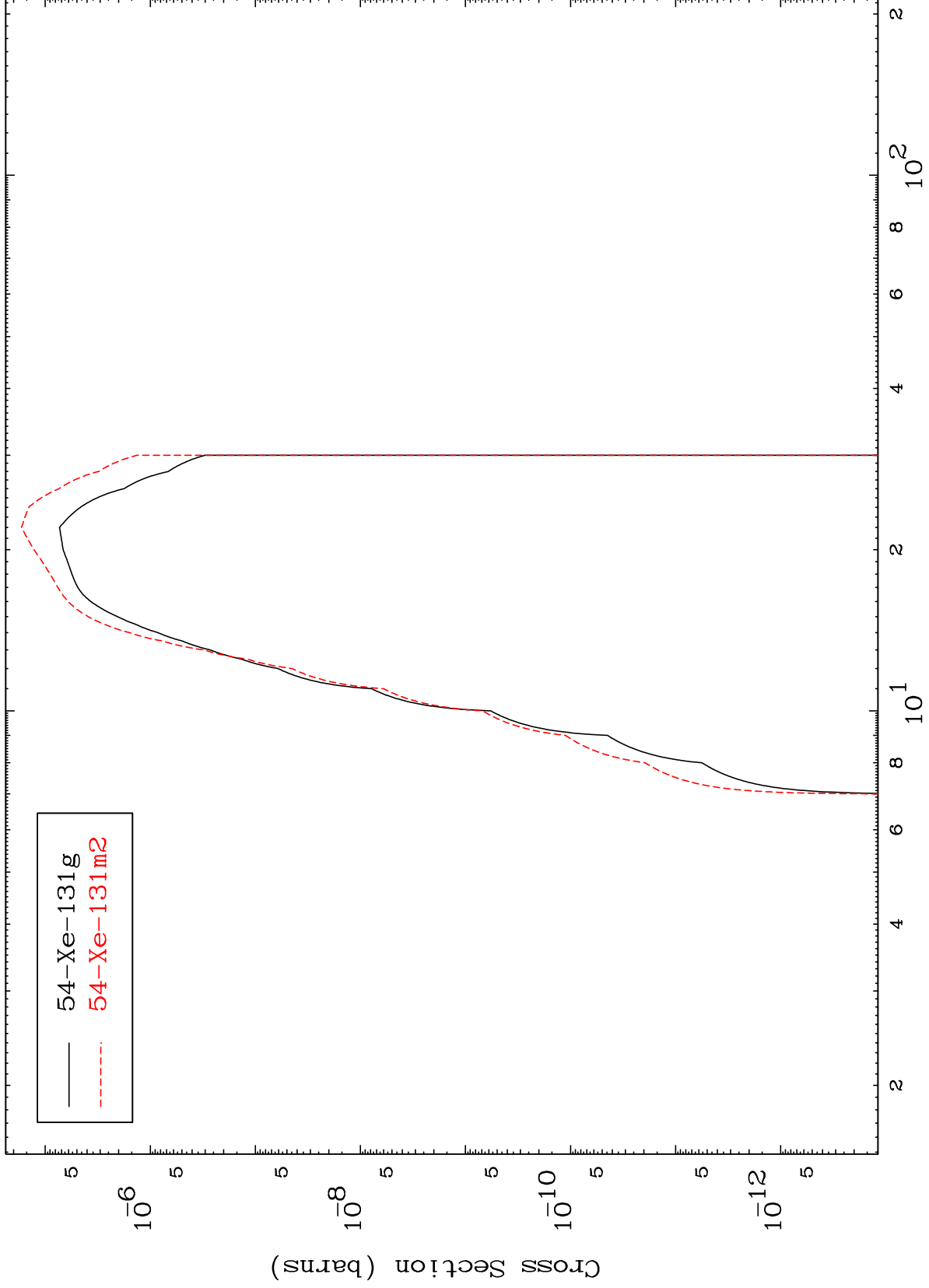
Incident Energy (MeV)

14

MAT 5641

56-Ba-135m

Radionuclide Production Cross Section
(n, α)



15

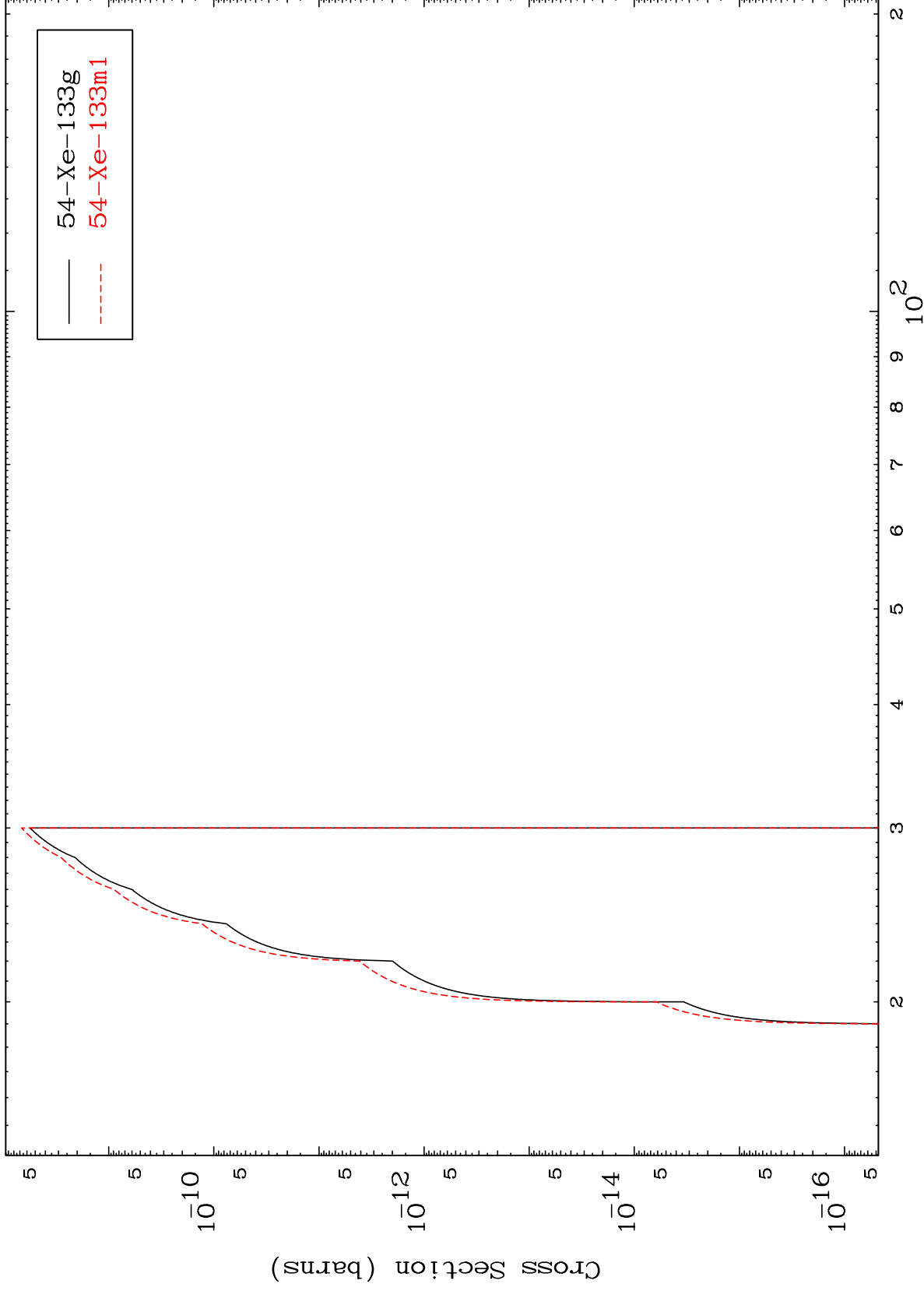
Incident Energy (MeV)

56-Ba-135m

MAT 5641

56-Ba-135m

(n,2p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

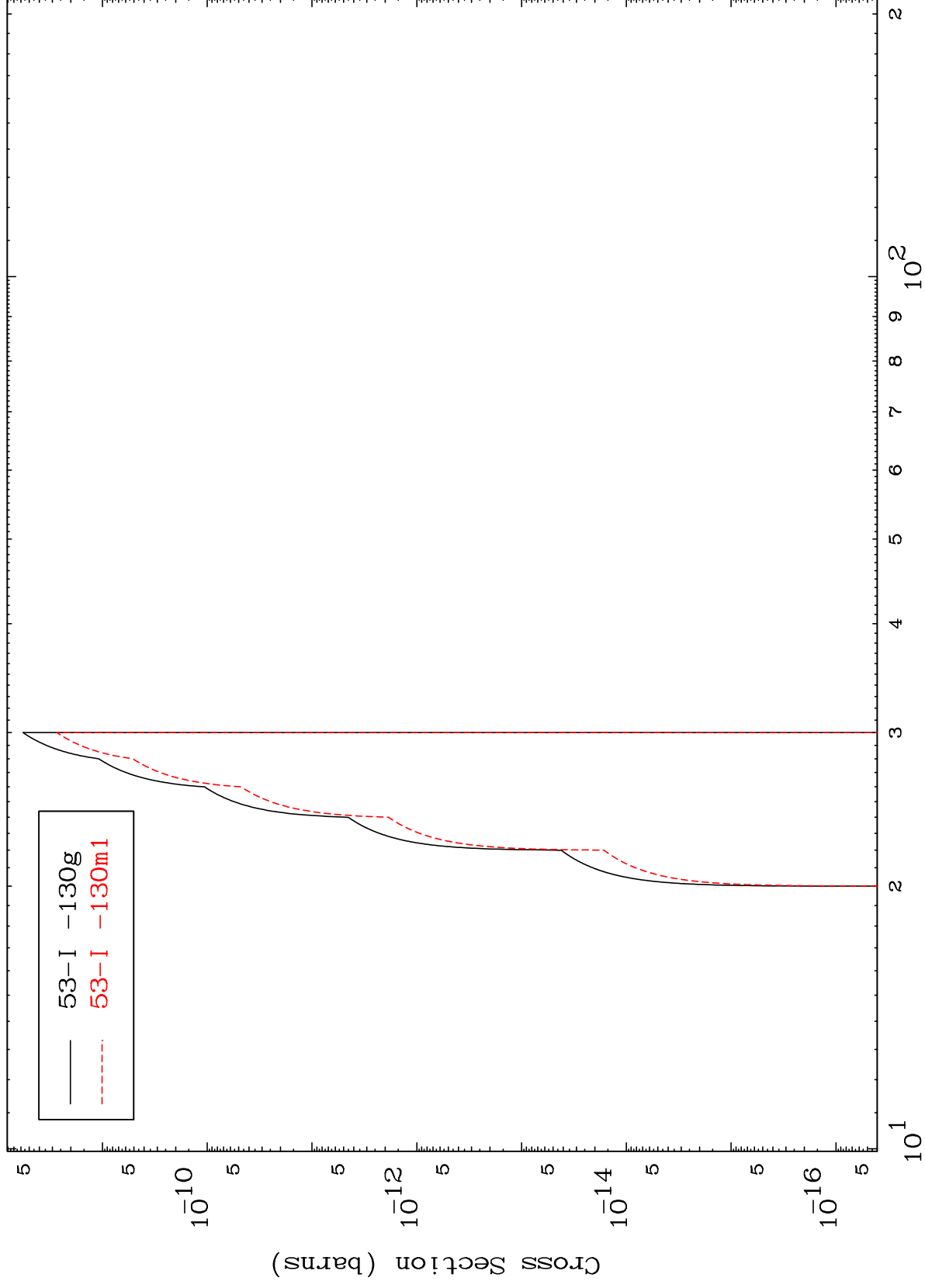
56-Ba-135m

MAT 5641

(n,p) α

56-Ba-135m

Radionuclide Production Cross Section



Incident Energy (MeV)

56-Ba-135m

17