

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

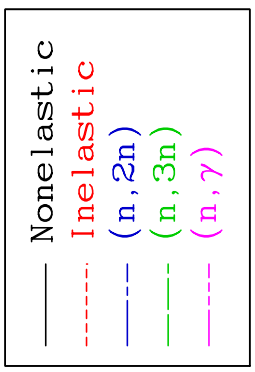
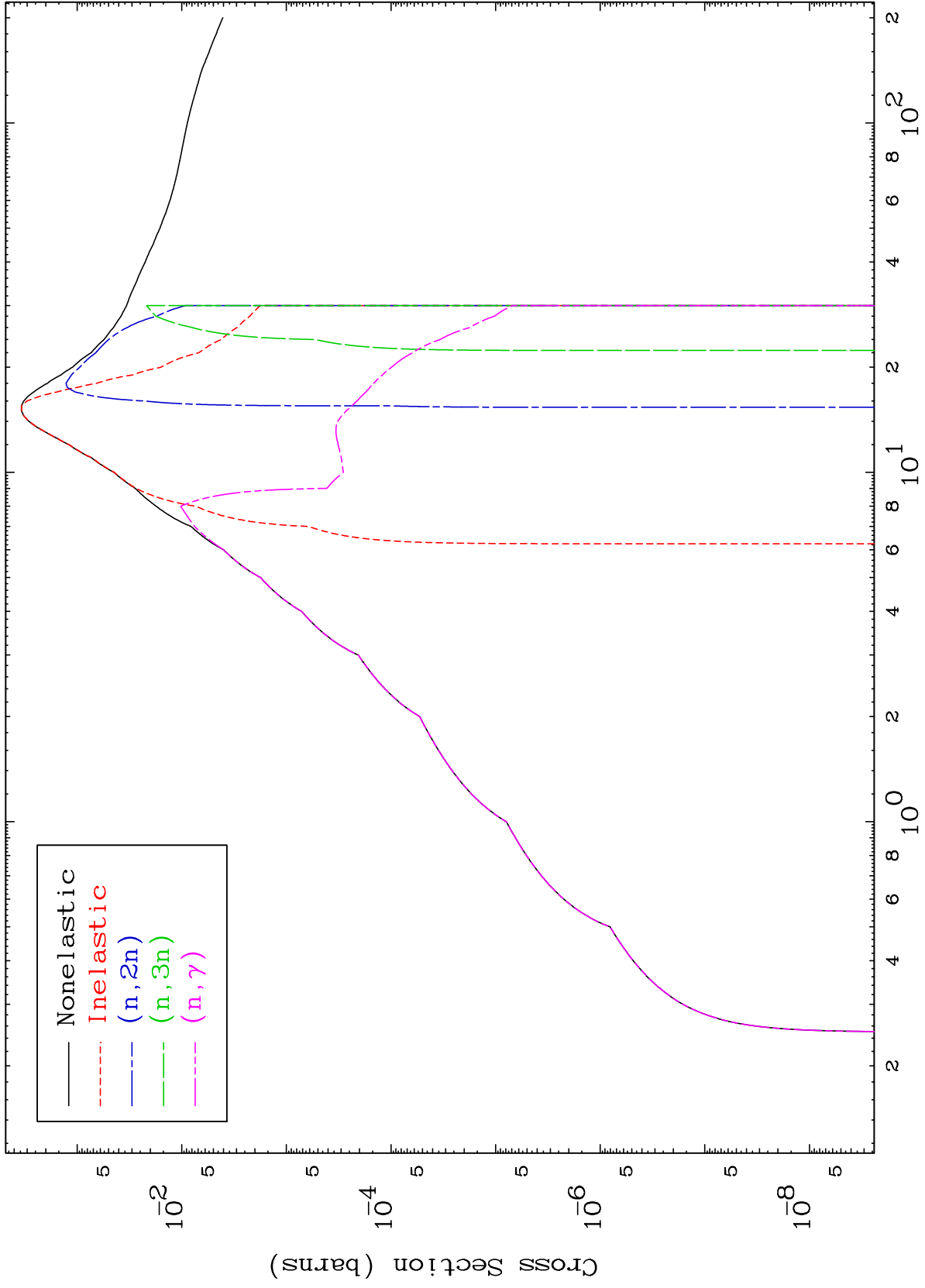
Press Mouse Button to Start

MAT 5647

Photon Major

56-Ba-137m

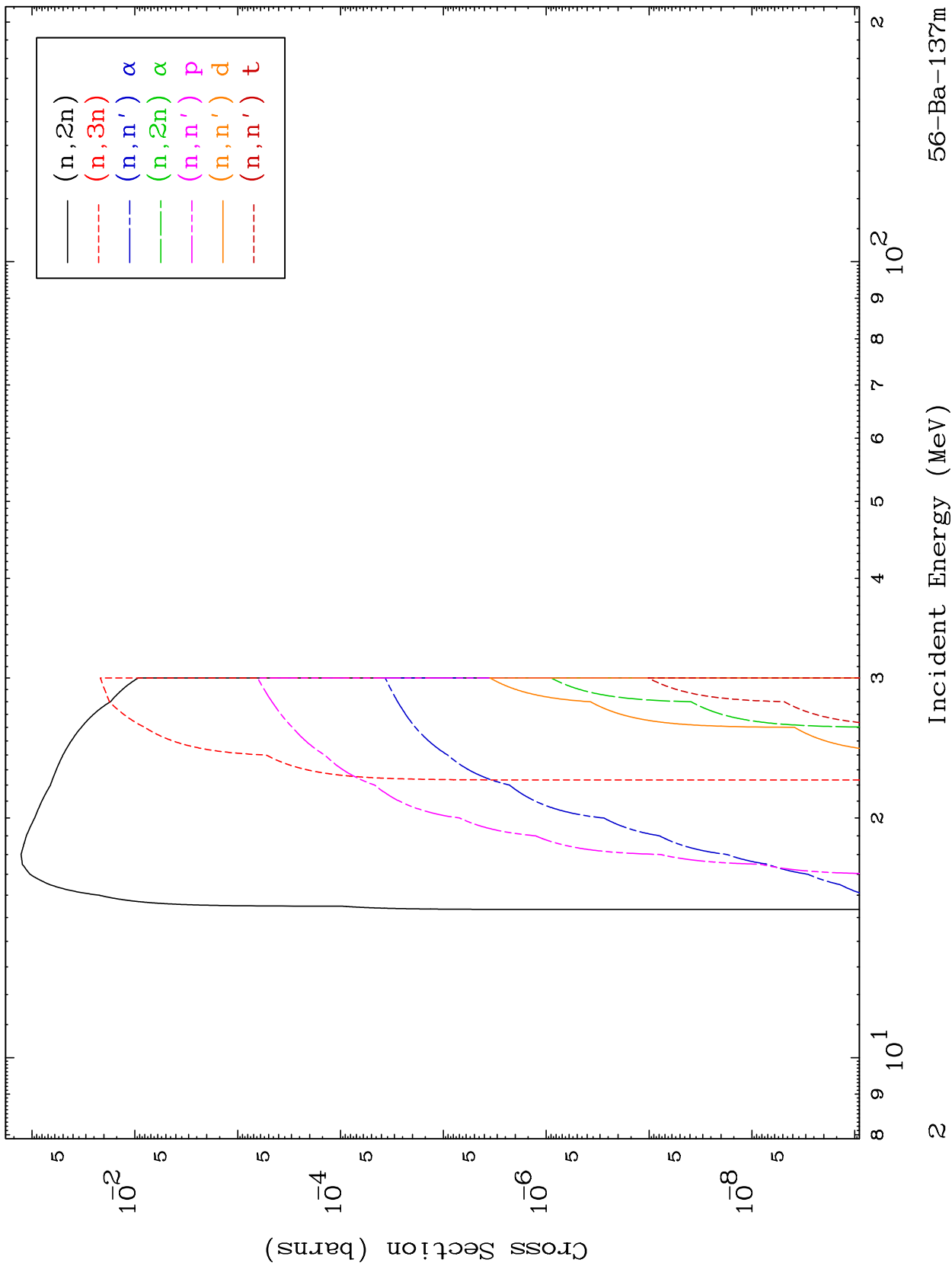
0 Kelvin Cross Sections



MAT 5647

Photon Neutron Absorption
0 Kelvin Cross Sections

56-Ba-137m

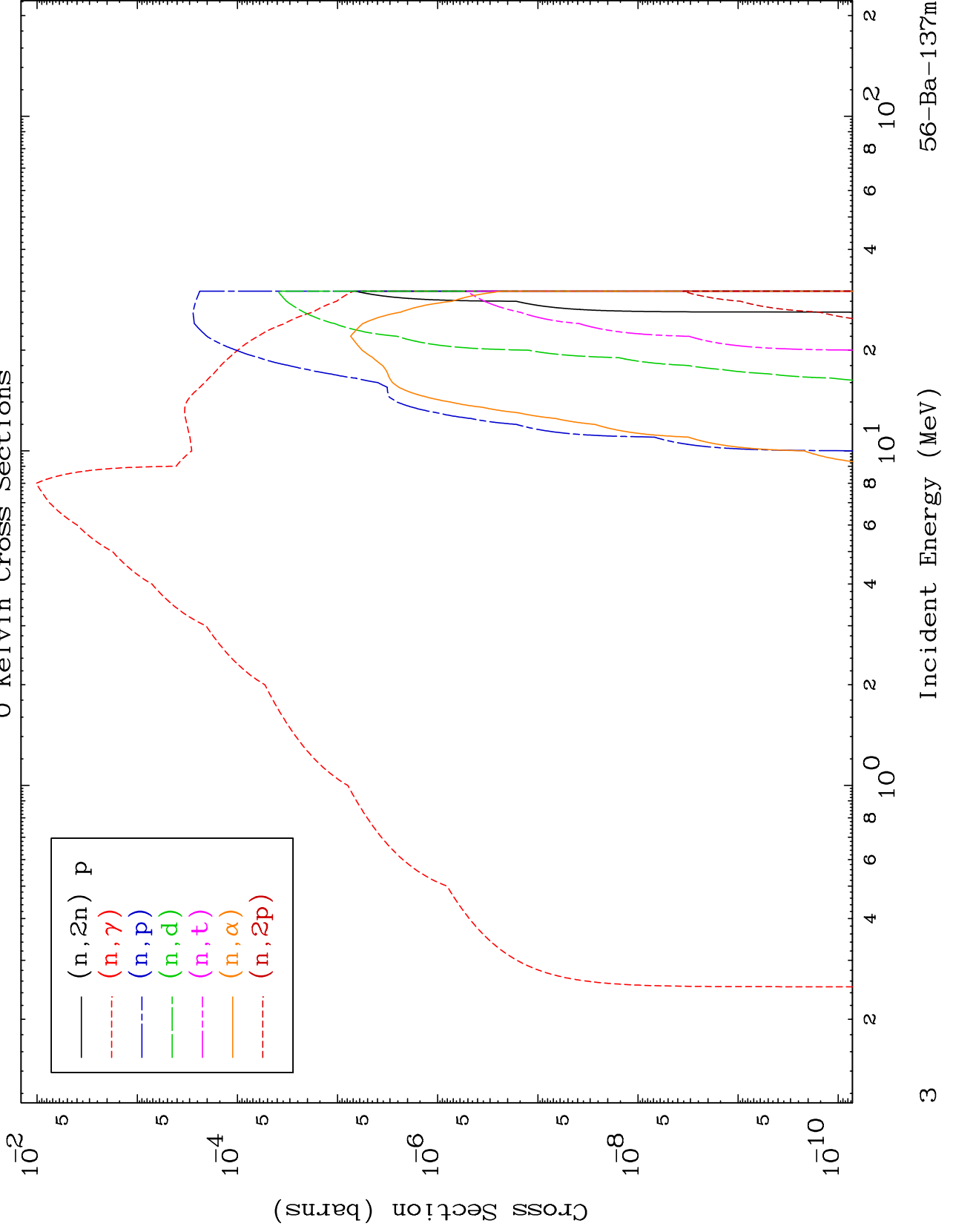


56-Ba-137m

MAT 5647

Photon Neutron Absorption
0 Kelvin Cross Sections

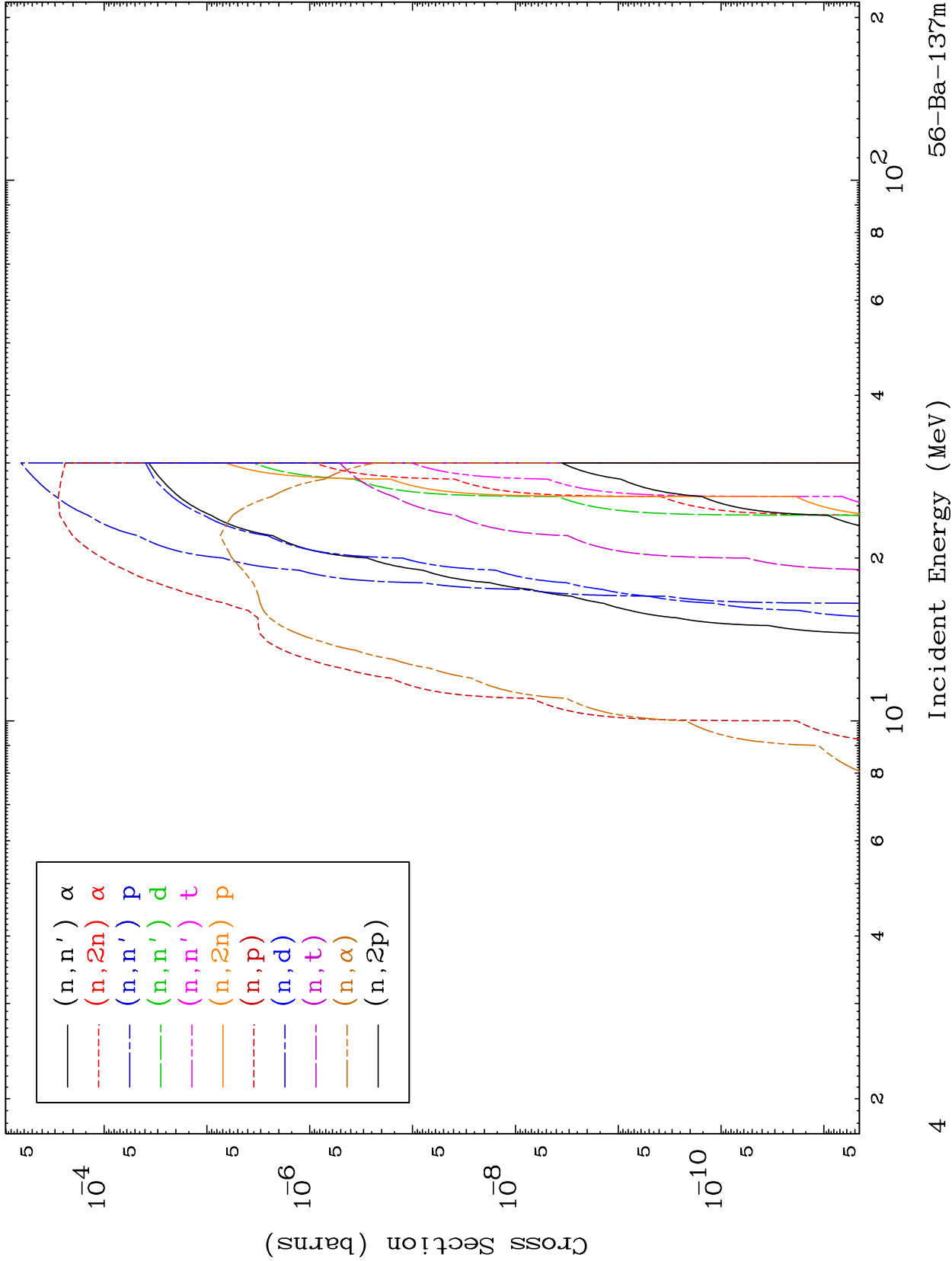
56-Ba-137m



MAT 5647

Photon Charged Particle
0 Kelvin Cross Sections

56-Ba-137m

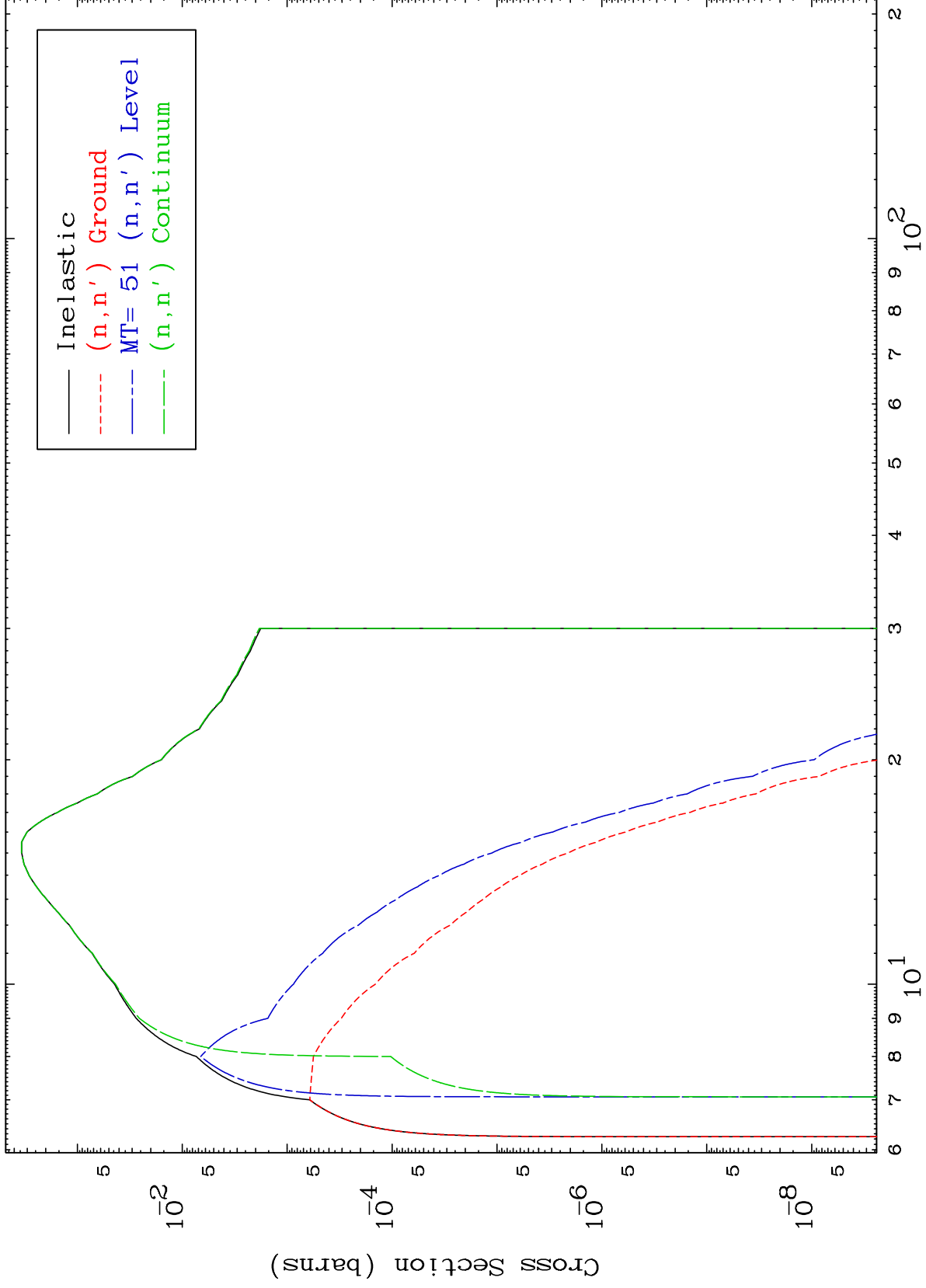


MAT 5647

(γ, n') Levels

56-Ba-137m

0 Kelvin Cross Sections



5

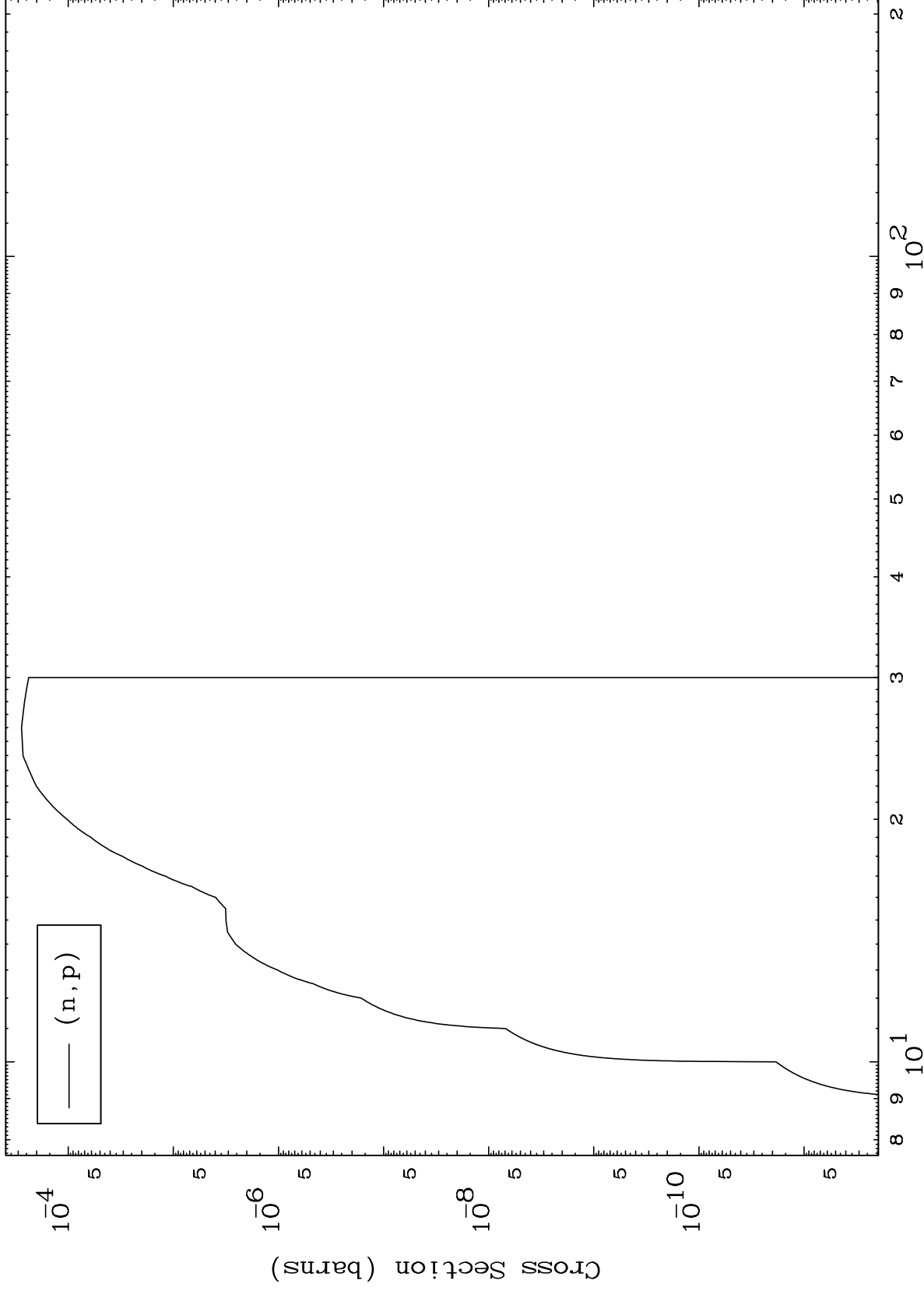
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(γ, p) Levels
0 Kelvin Cross Sections

56-Ba-137m



Incident Energy (MeV)

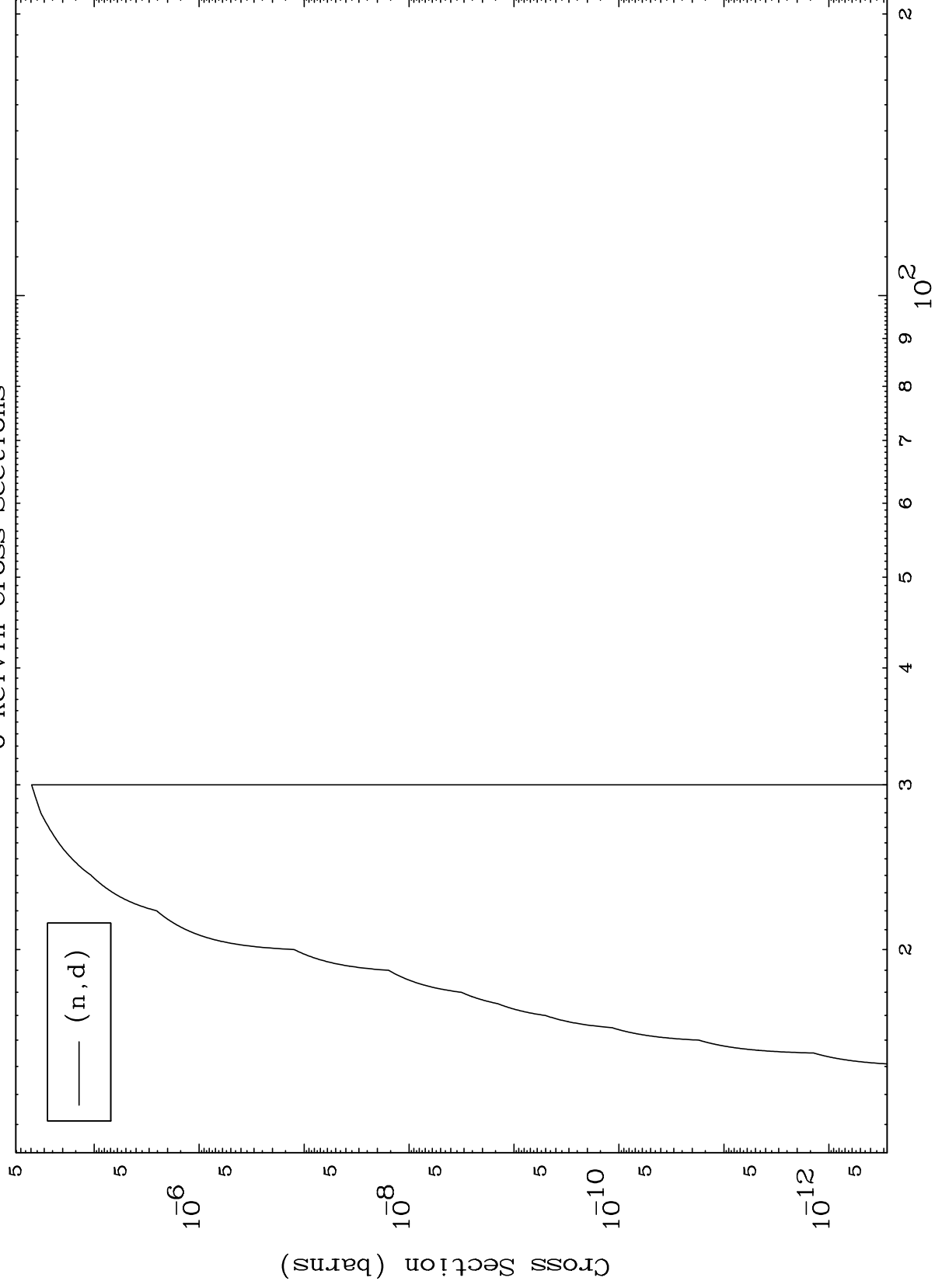
56-Ba-137m

6

MAT 5647

(γ, d) Levels
0 Kelvin Cross Sections

56-Ba-137m



7

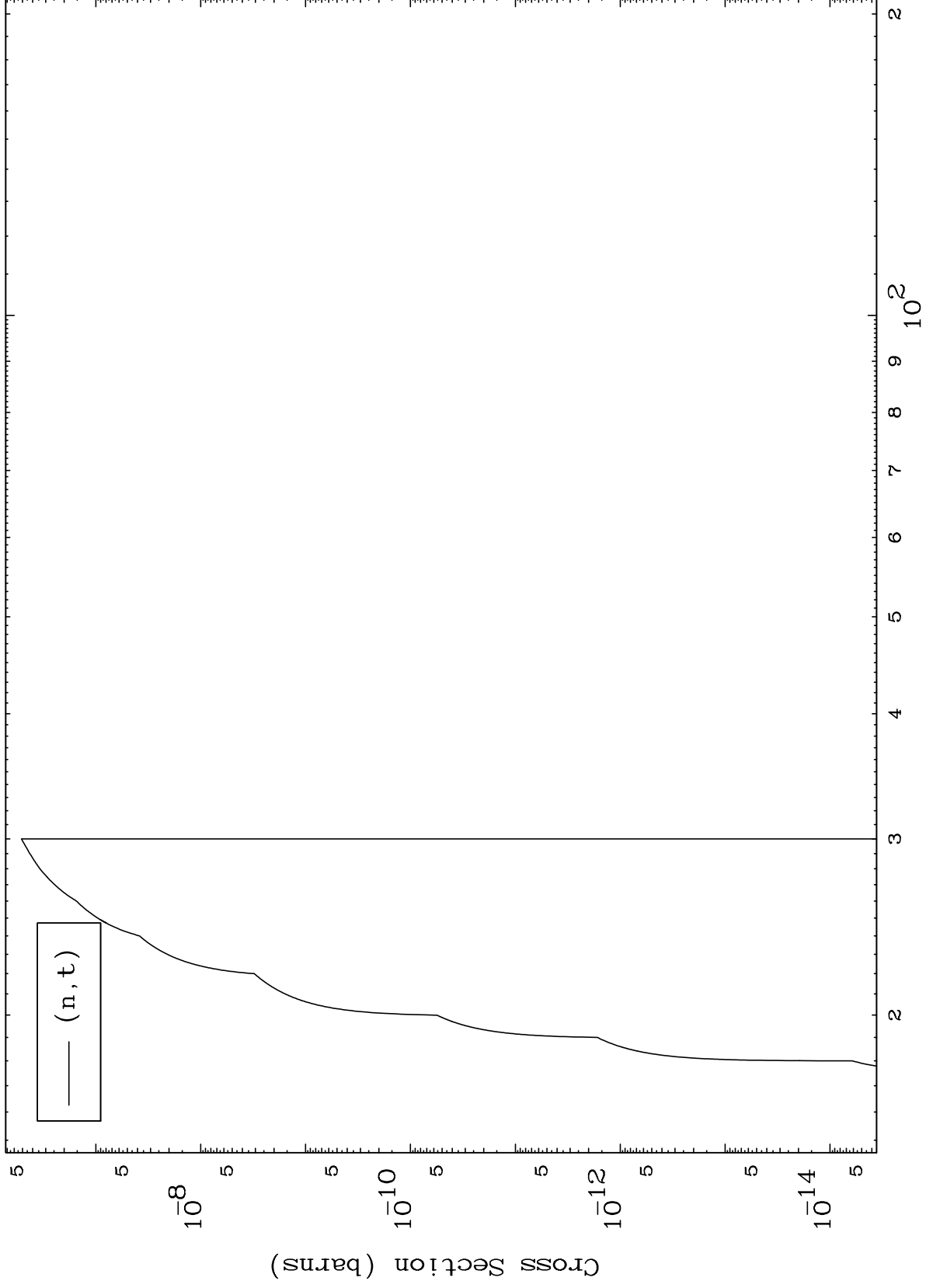
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(γ, t) Levels
0 Kelvin Cross Sections

56-Ba-137m



8

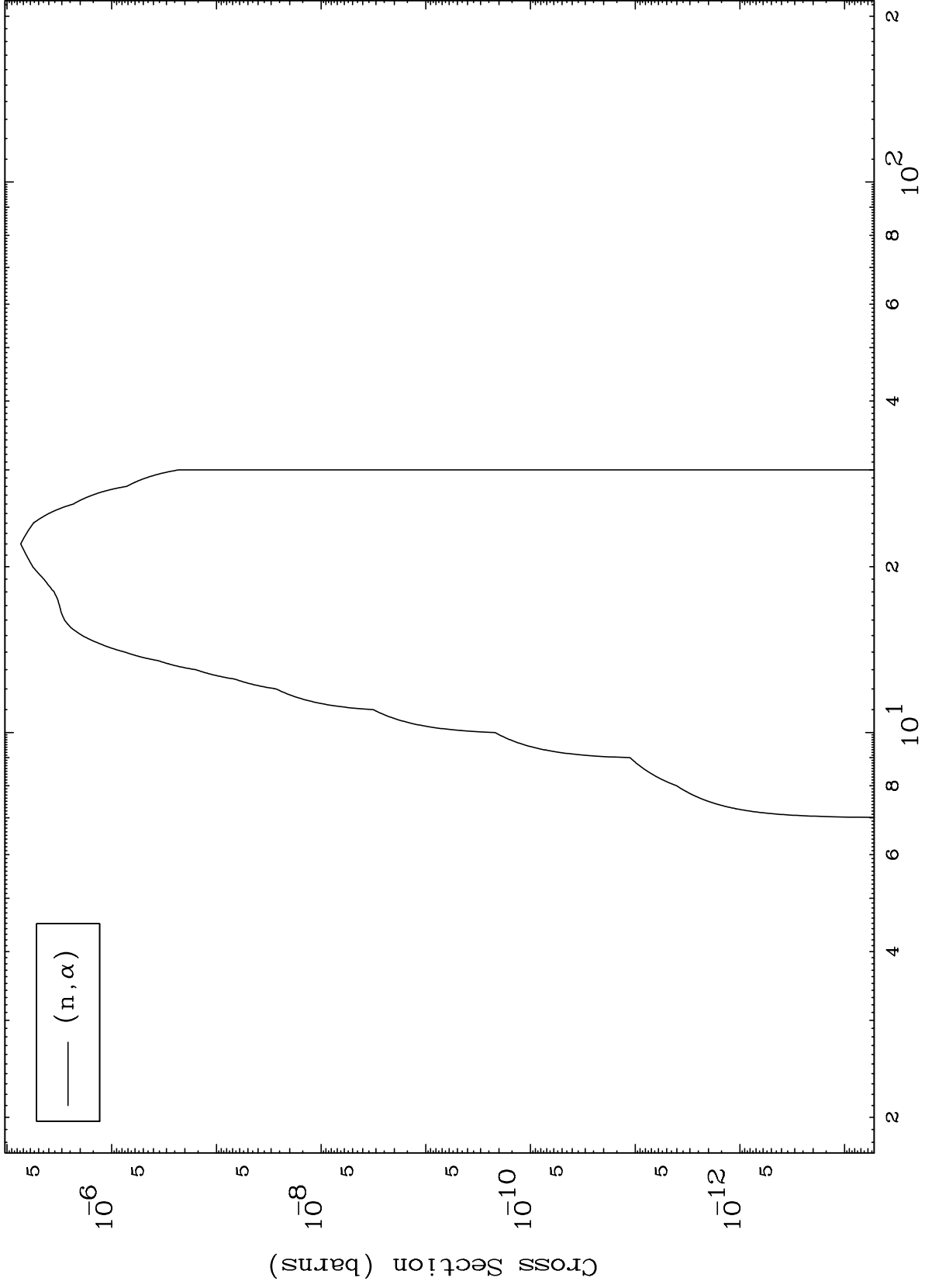
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(γ, α) Levels
0 Kelvin Cross Sections

56-Ba-137m



9

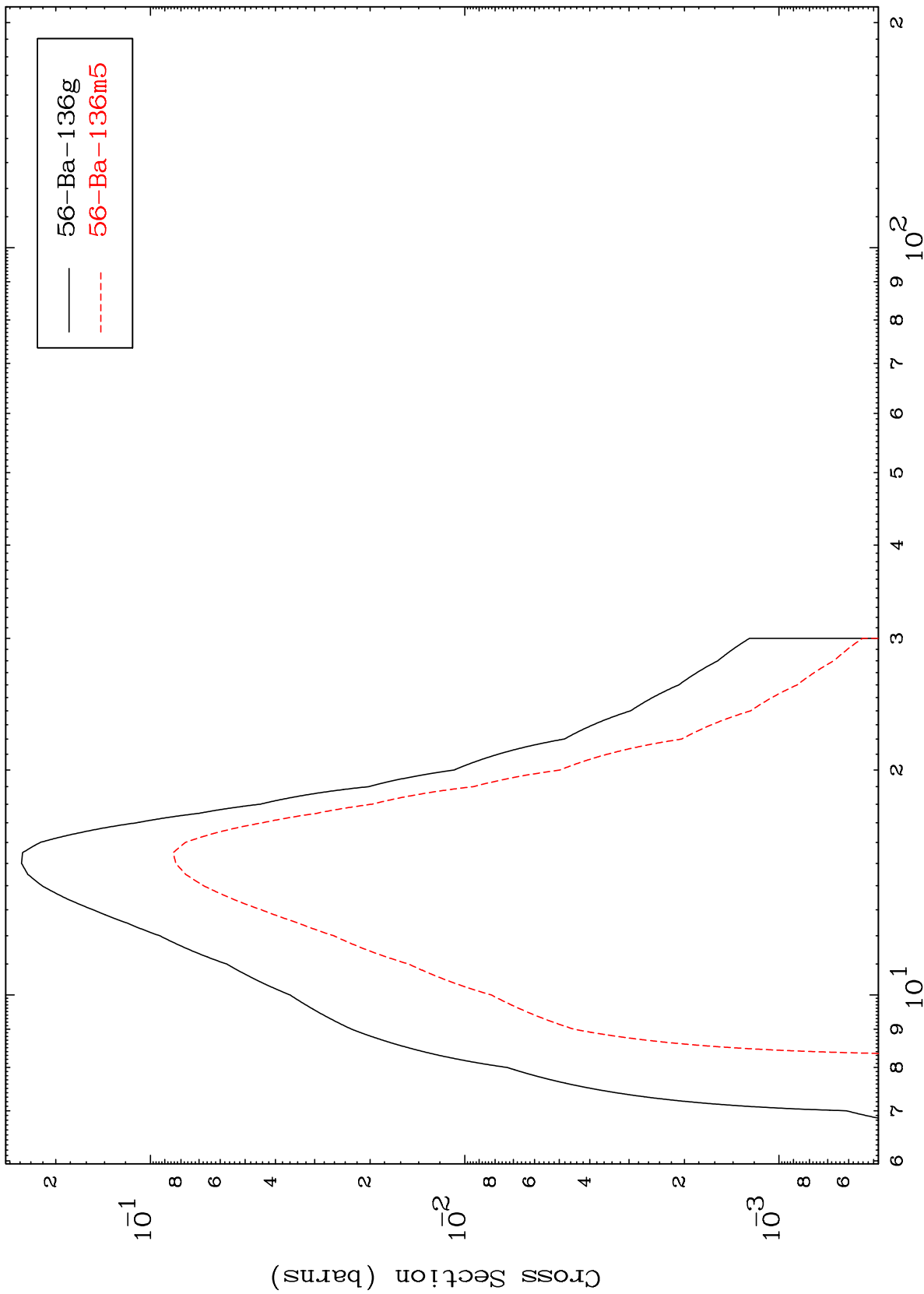
Incident Energy (MeV)

56-Ba-137m

MAT 5647

56-Ba-137m

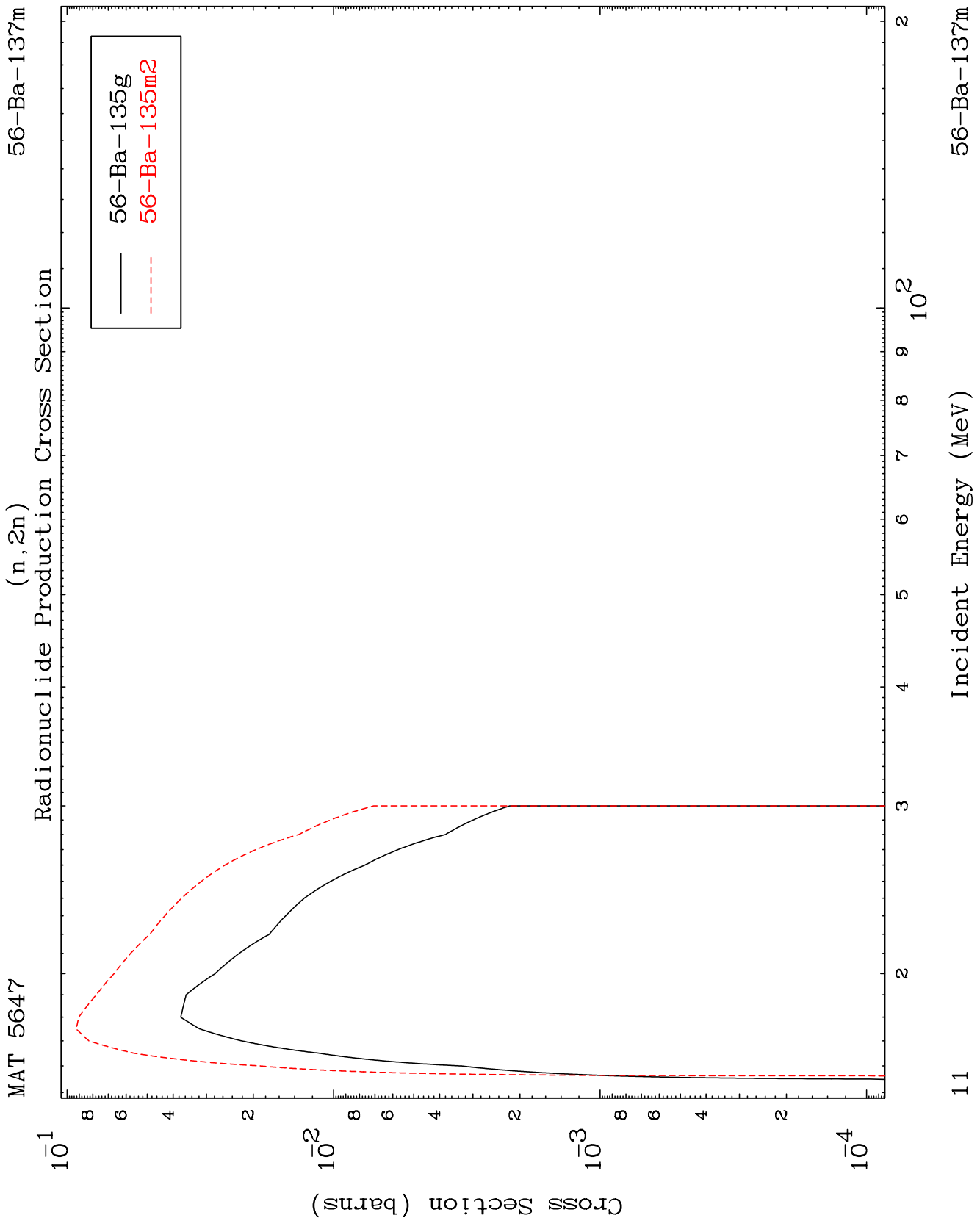
Inelastic
Radionuclide Production Cross Section



56-Ba-137m

Incident Energy (MeV)

10

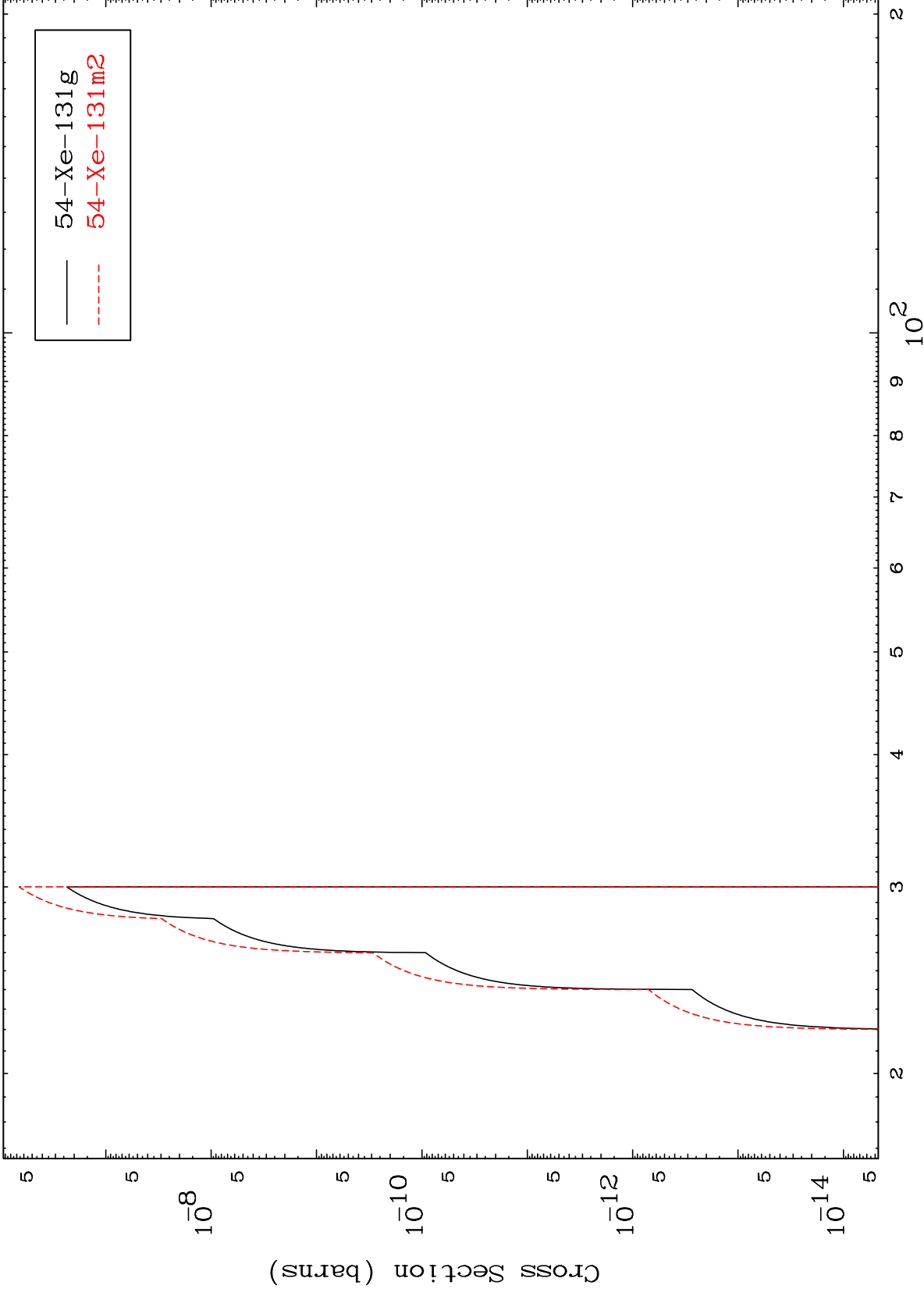


MAT 5647

(n,2n) α

56-Ba-137m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

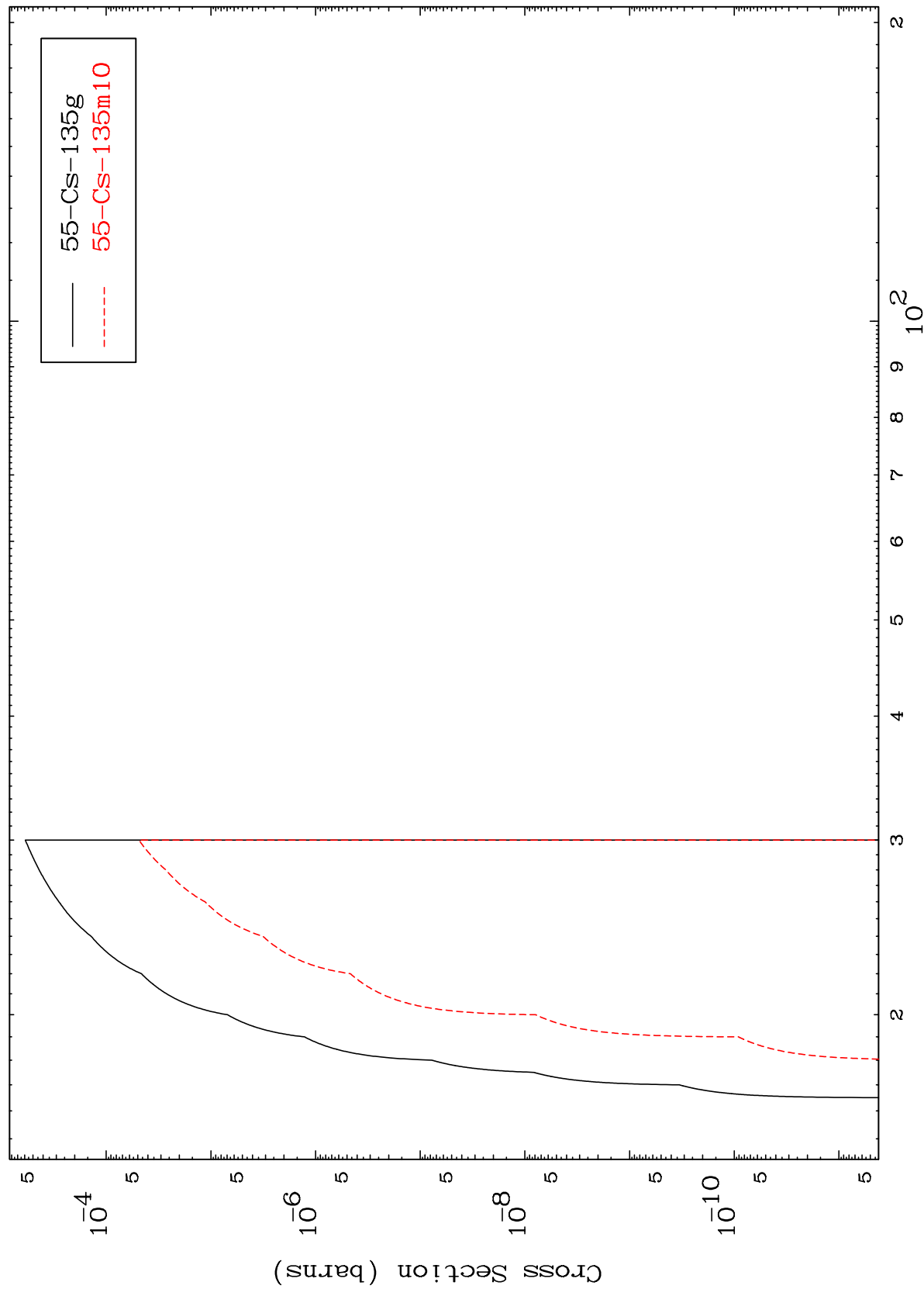
56-Ba-137m

MAT 5647

(n,n') p

56-Ba-137m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

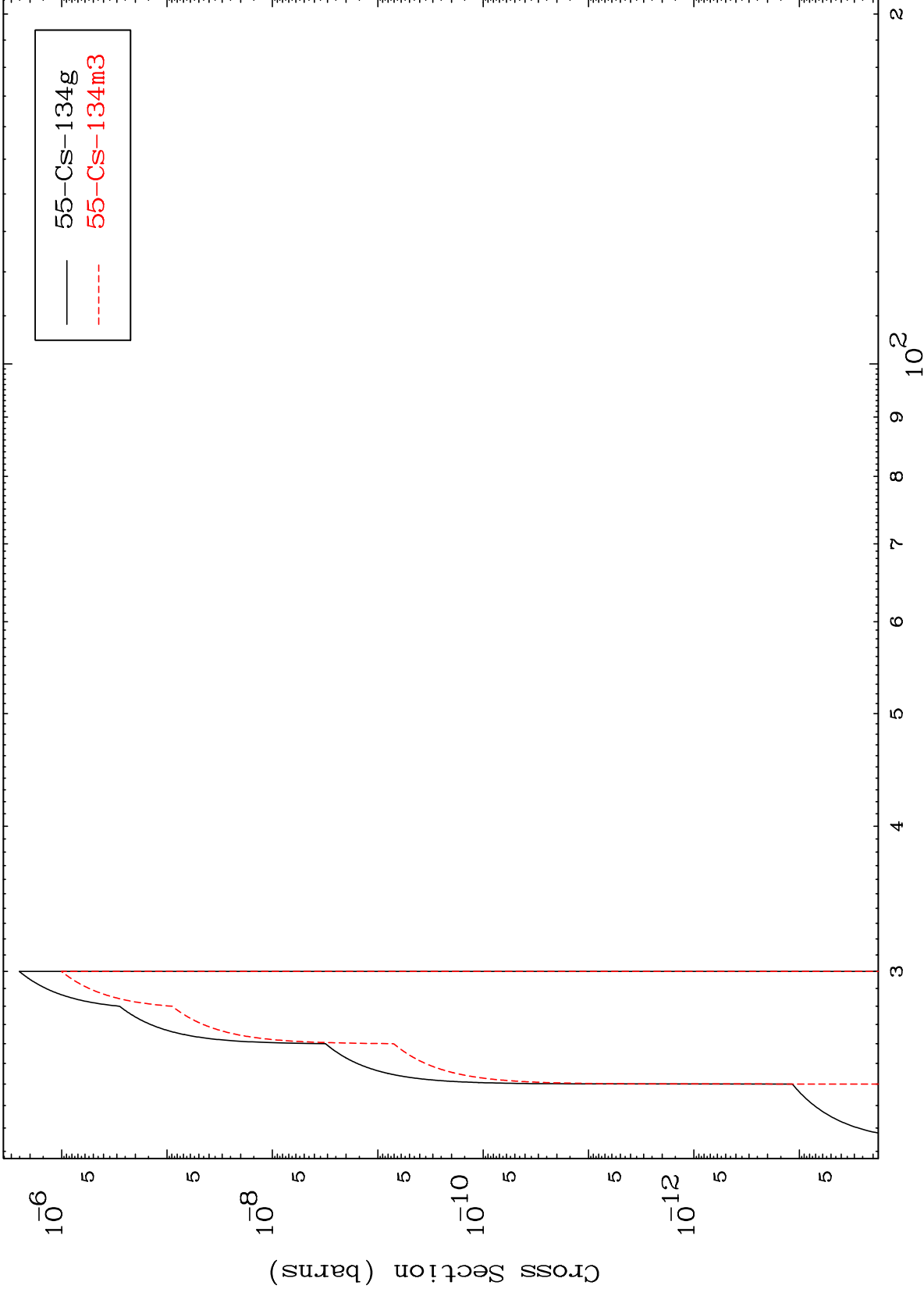
56-Ba-137m

MAT 5647

(n,n') d

56-Ba-137m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

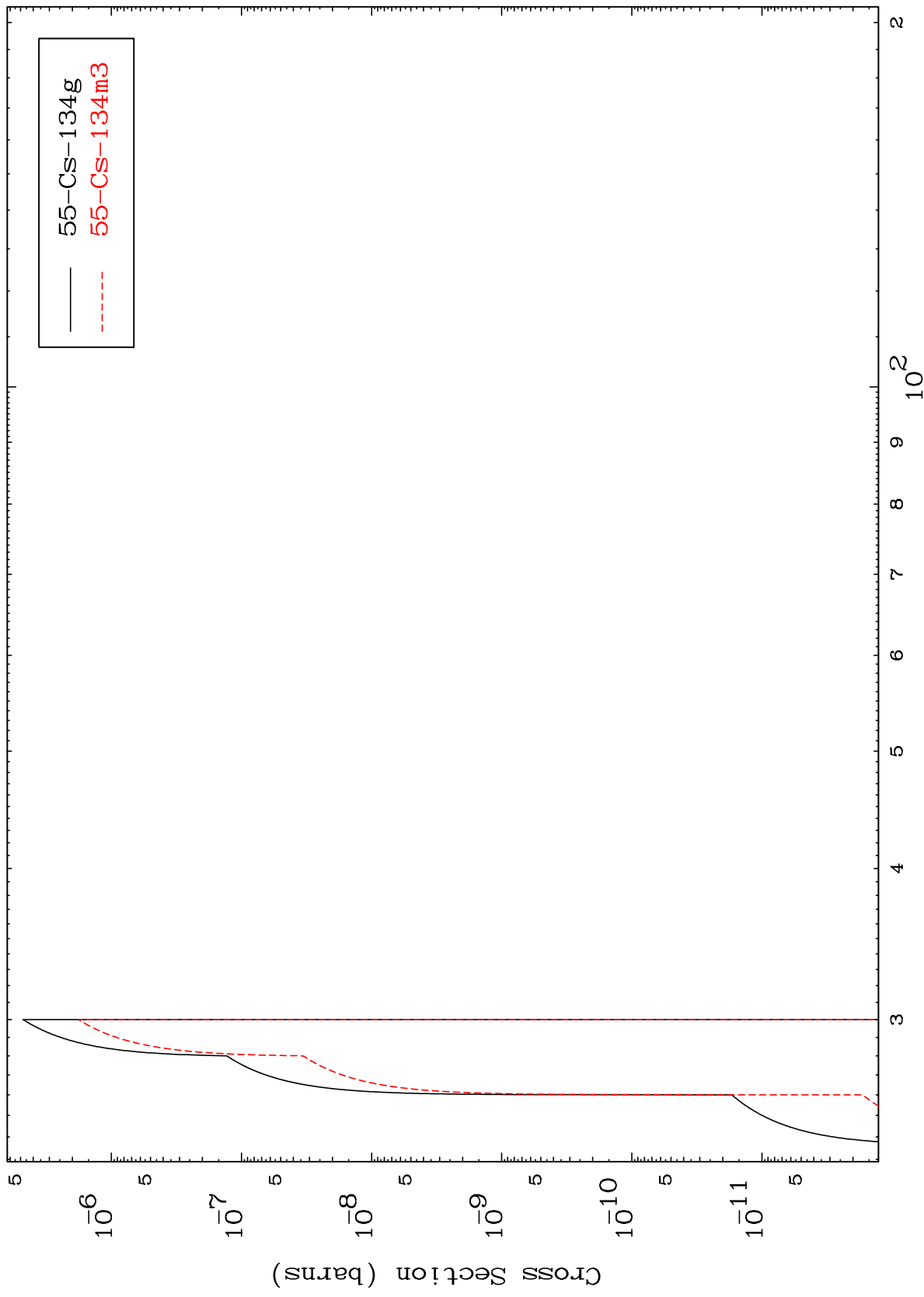
56-Ba-137m

MAT 5647

(n,2n) p

56-Ba-137m

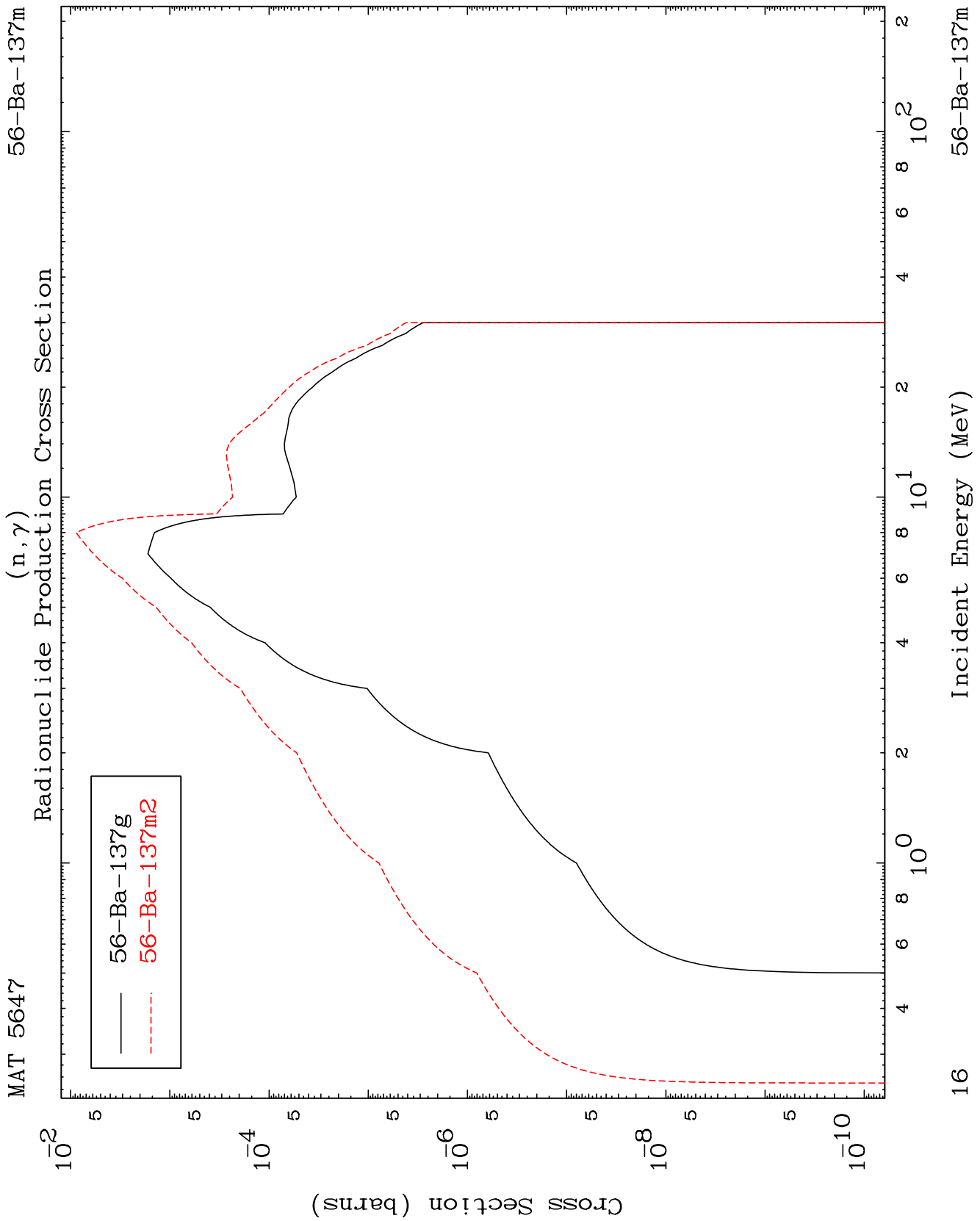
Radionuclide Production Cross Section



15

Incident Energy (MeV)

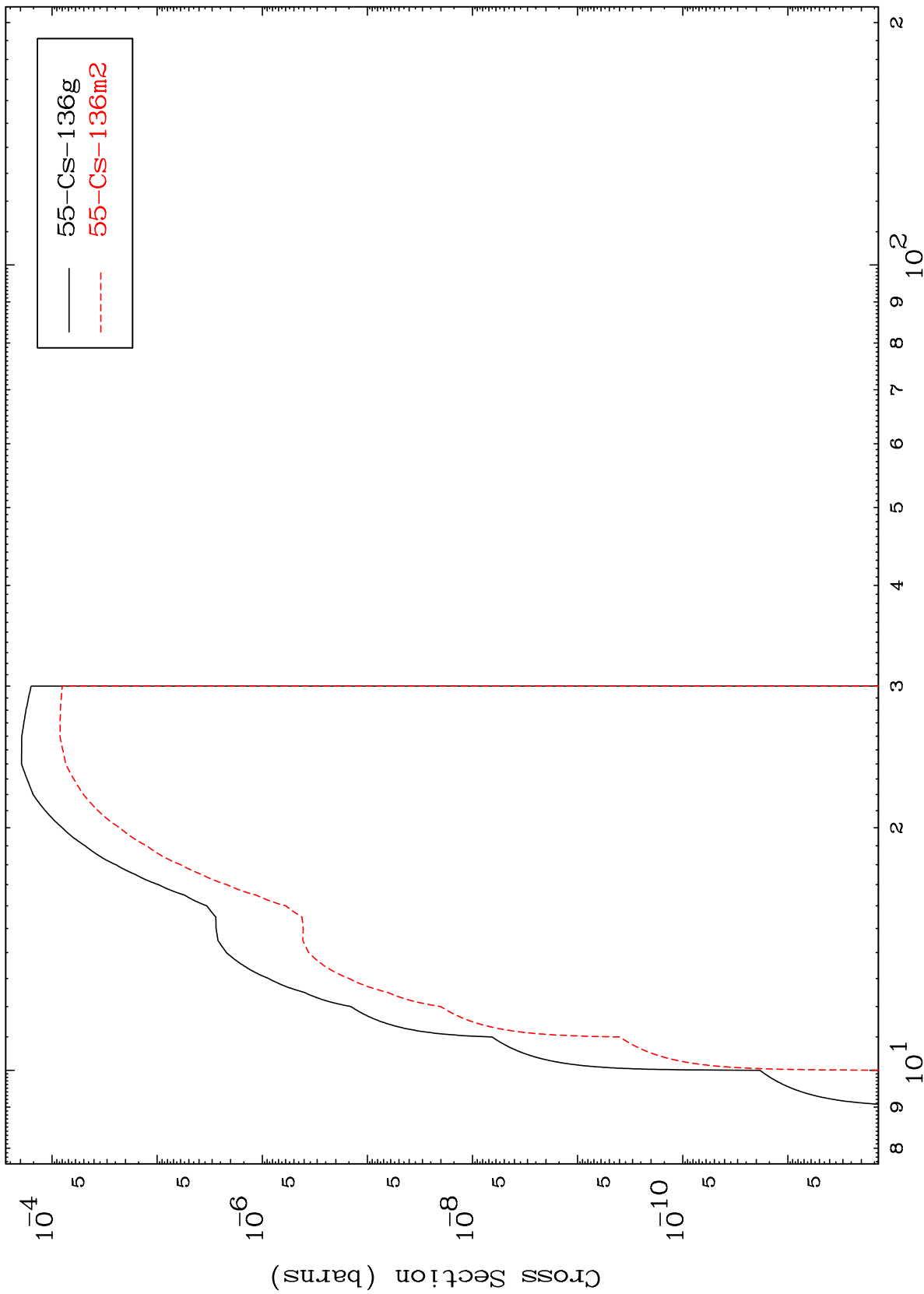
56-Ba-137m



MAT 5647

56-Ba-137m

(n,p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

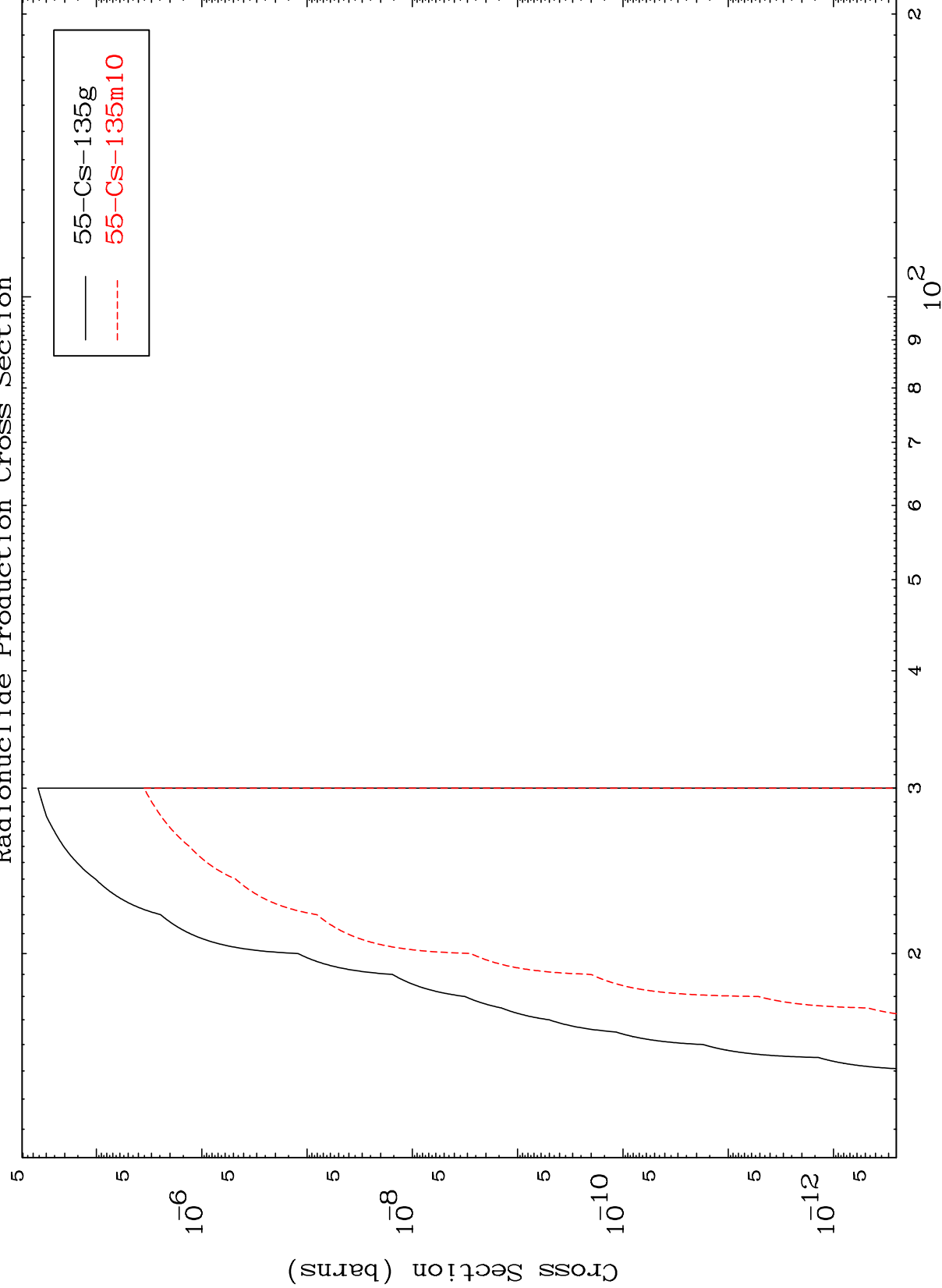
56-Ba-137m

MAT 5647

(n,d)

56-Ba-137m

Radionuclide Production Cross Section



55-Cs-135g
55-Cs-135m10

18

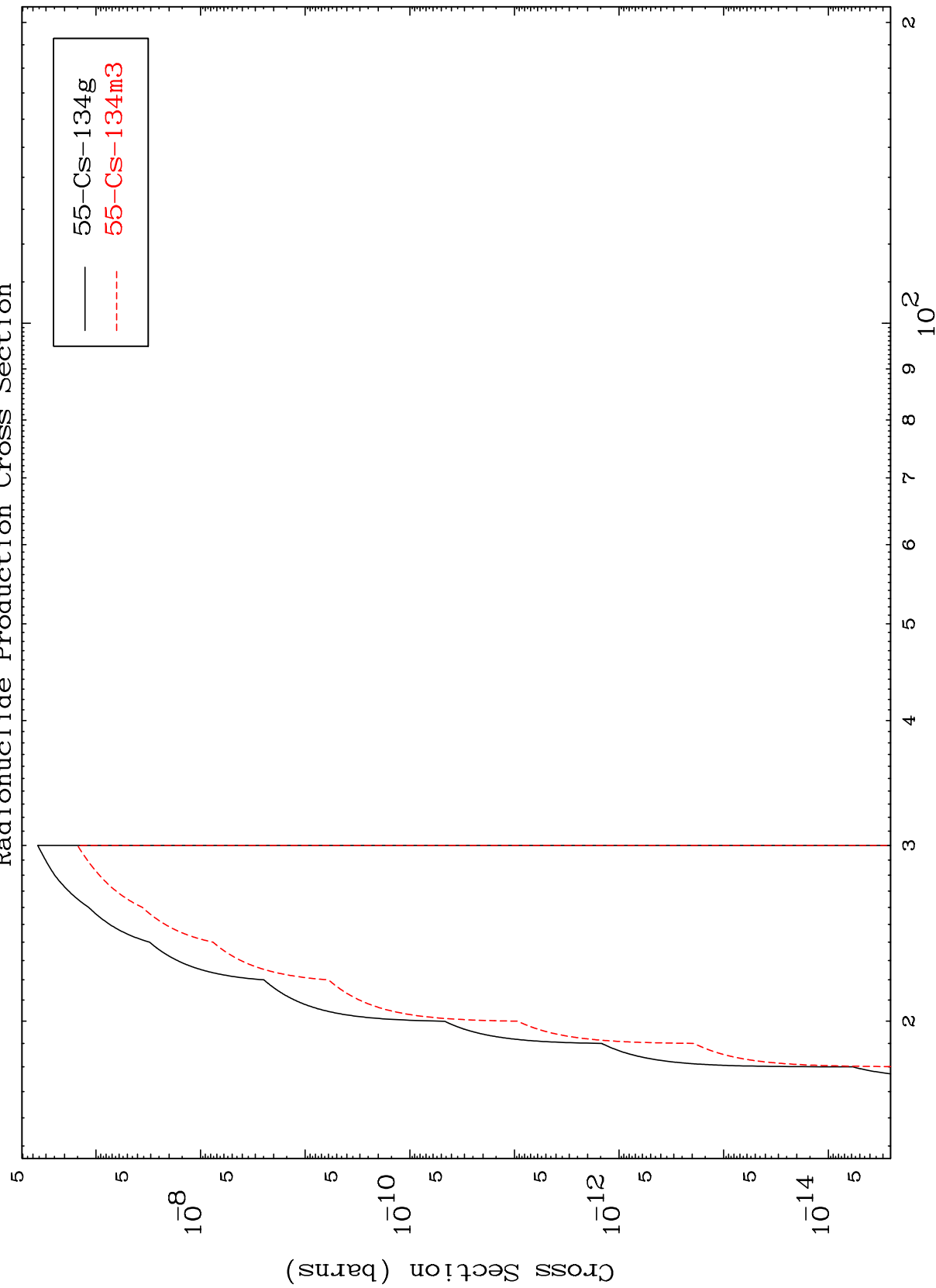
Incident Energy (MeV)

56-Ba-137m

MAT 5647

56-Ba-137m

(n,t)
Radionuclide Production Cross Section



19

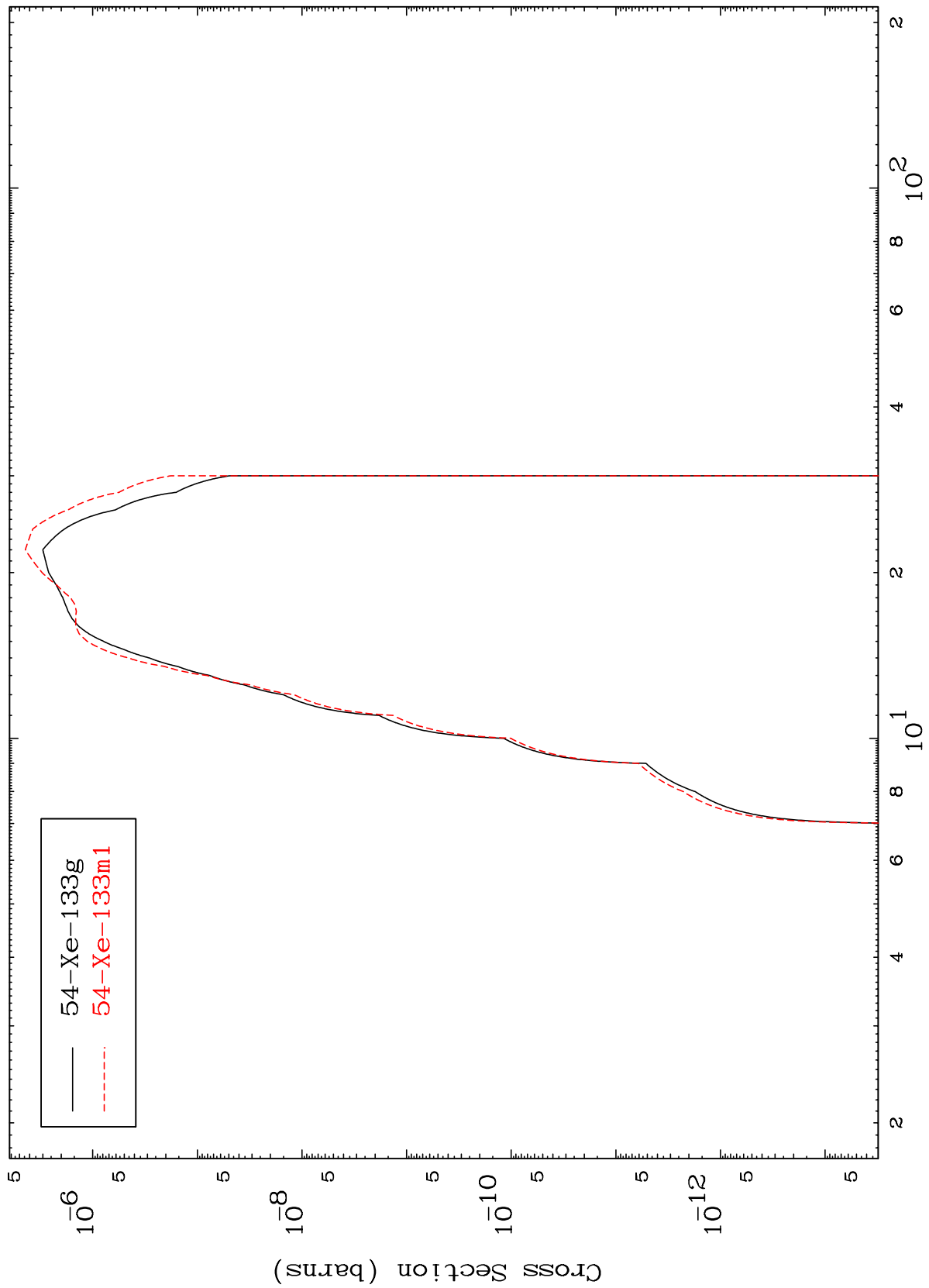
56-Ba-137m

Incident Energy (MeV)

MAT 5647

56-Ba-137m

(n, α)
Radionuclide Production Cross Section



56-Ba-137m

Incident Energy (MeV)

20

MAT 5647

56-Ba-137m

(n,2p)
Radionuclide Production Cross Section

