

Program EVALPLOT
(Version 2021-1)

by

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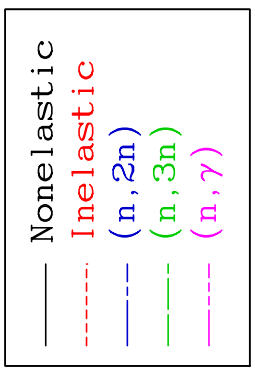
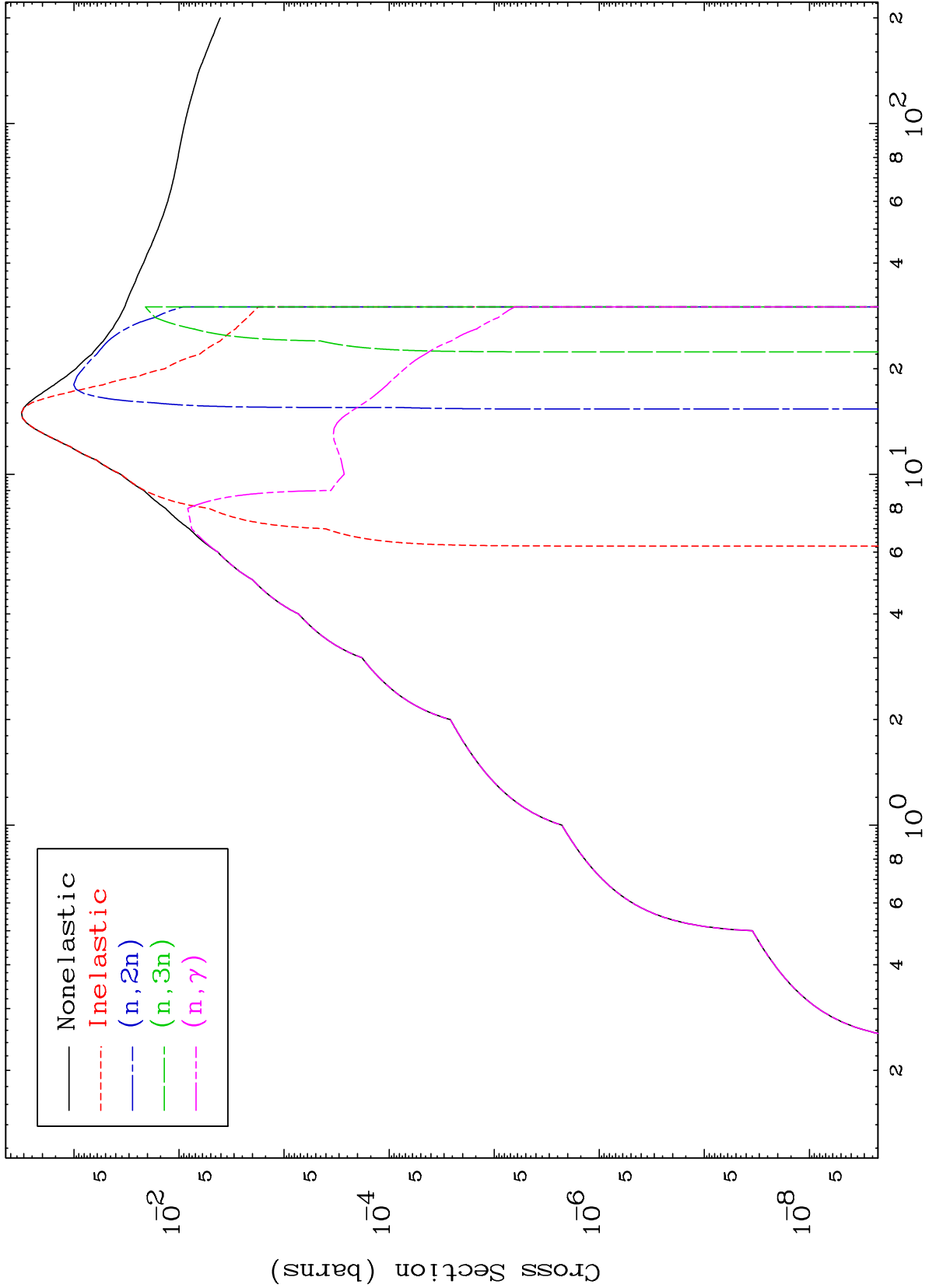
Press Mouse Button to Start

MAT 5647

Photon Major

56-Ba-137m

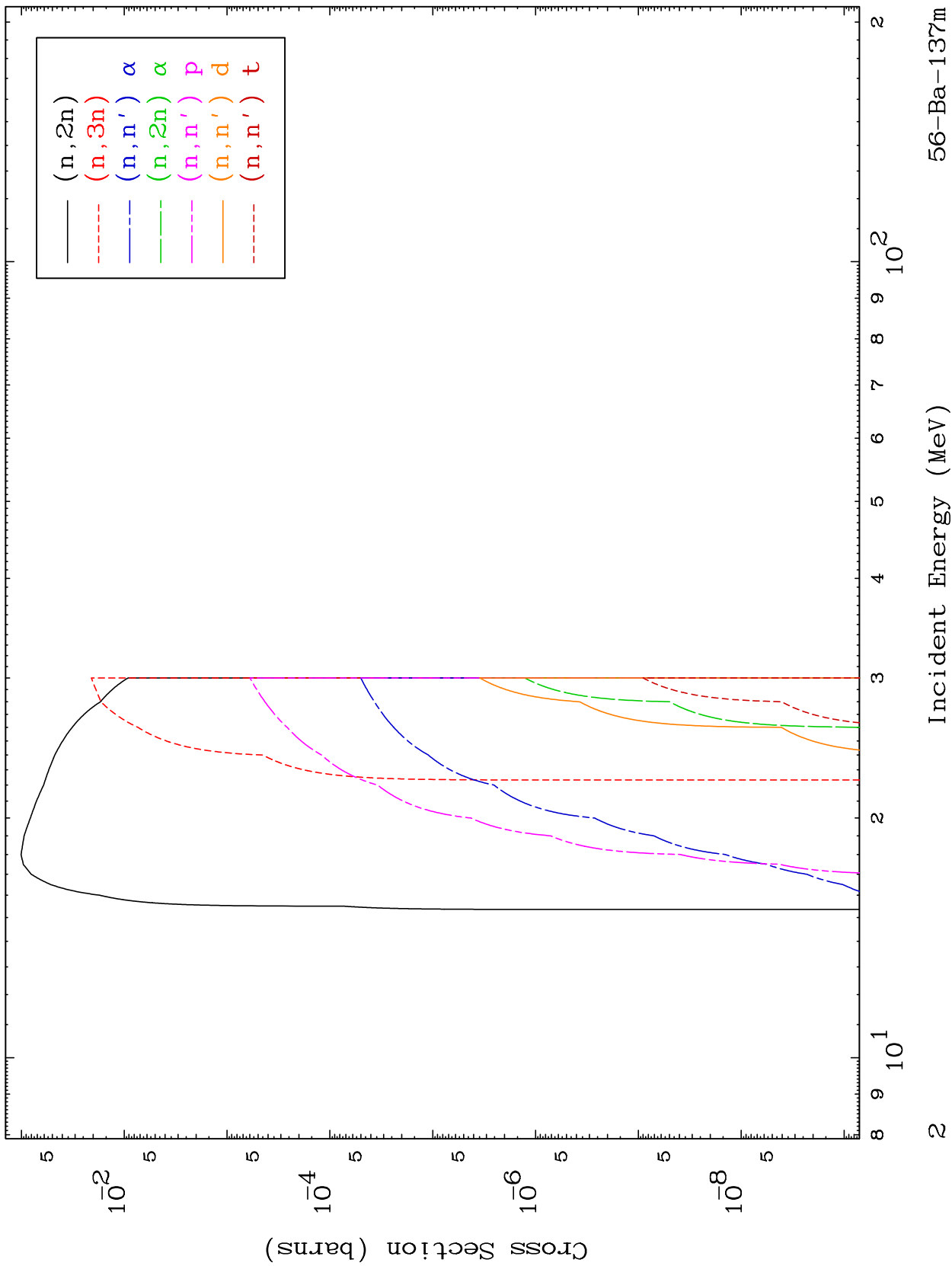
0 Kelvin Cross Sections



MAT 5647

Photon Neutron Absorption
0 Kelvin Cross Sections

56-Ba-137m



56-Ba-137m

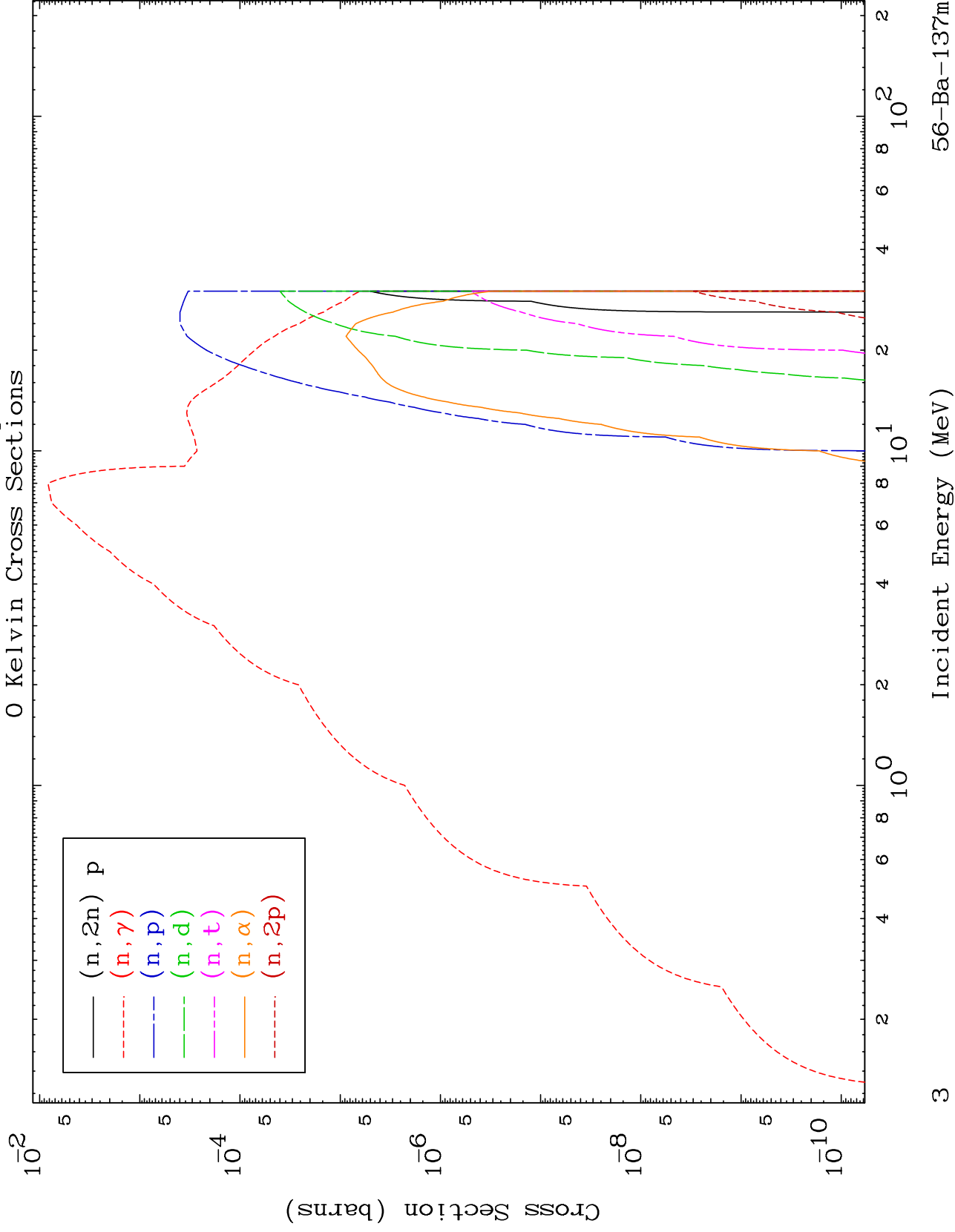
Incident Energy (MeV)

2

MAT 5647

Photon Neutron Absorption
0 Kelvin Cross Sections

56-Ba-137m



3

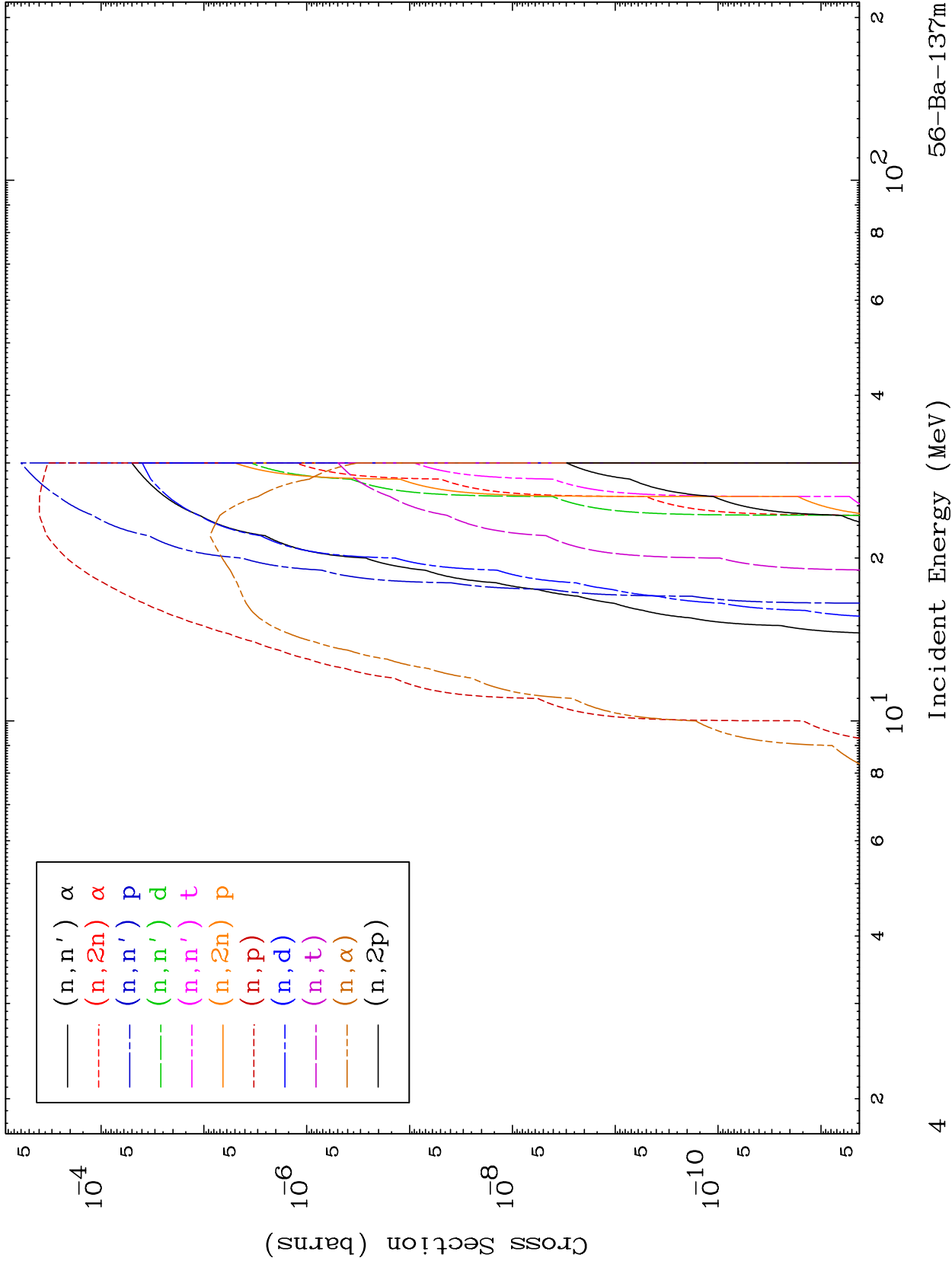
Incident Energy (MeV)

56-Ba-137m

MAT 5647

Photon Charged Particle
0 Kelvin Cross Sections

56-Ba-137m

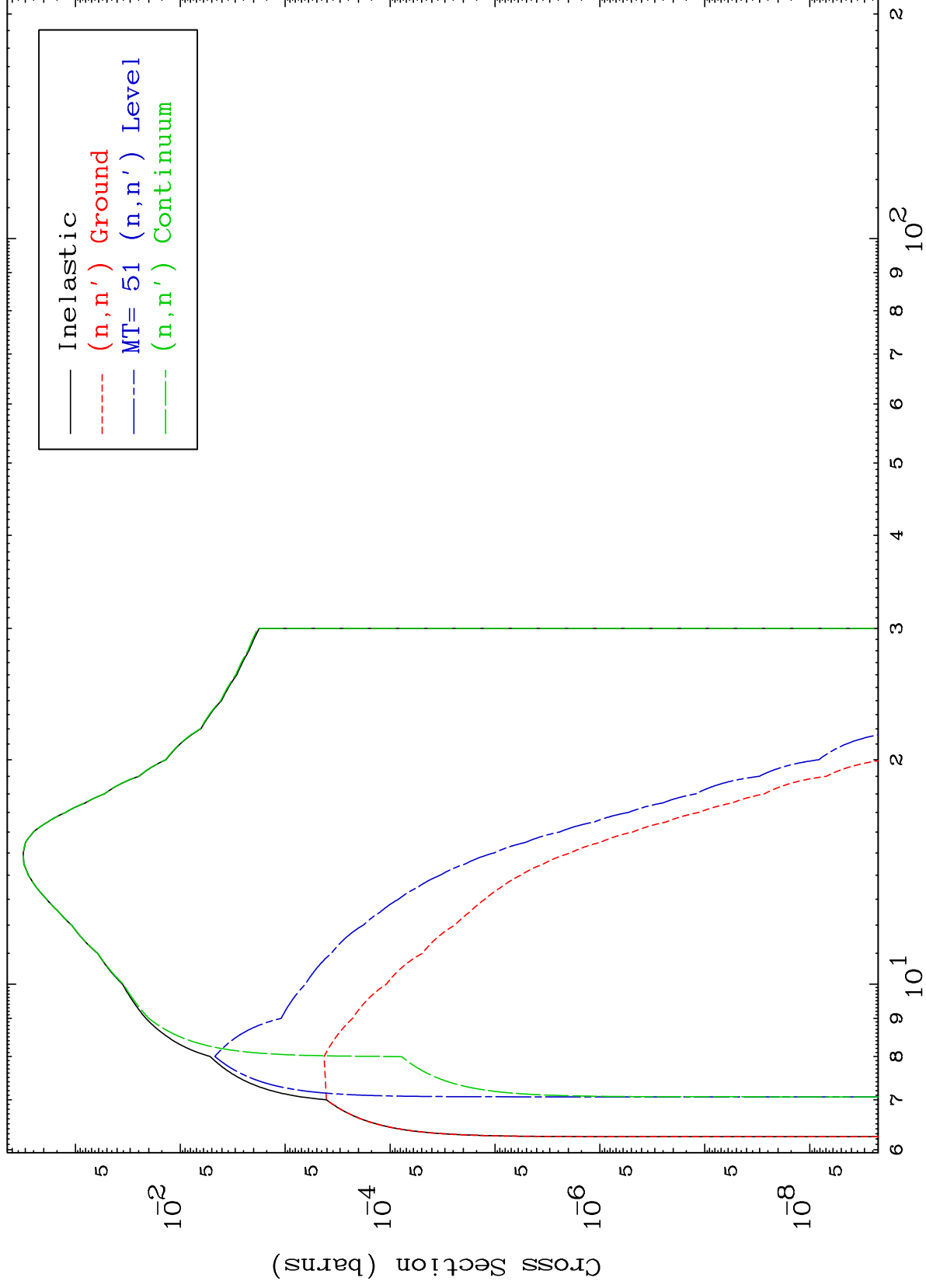


MAT 5647

(γ, n') Levels

56-Ba-137m

0 Kelvin Cross Sections



5

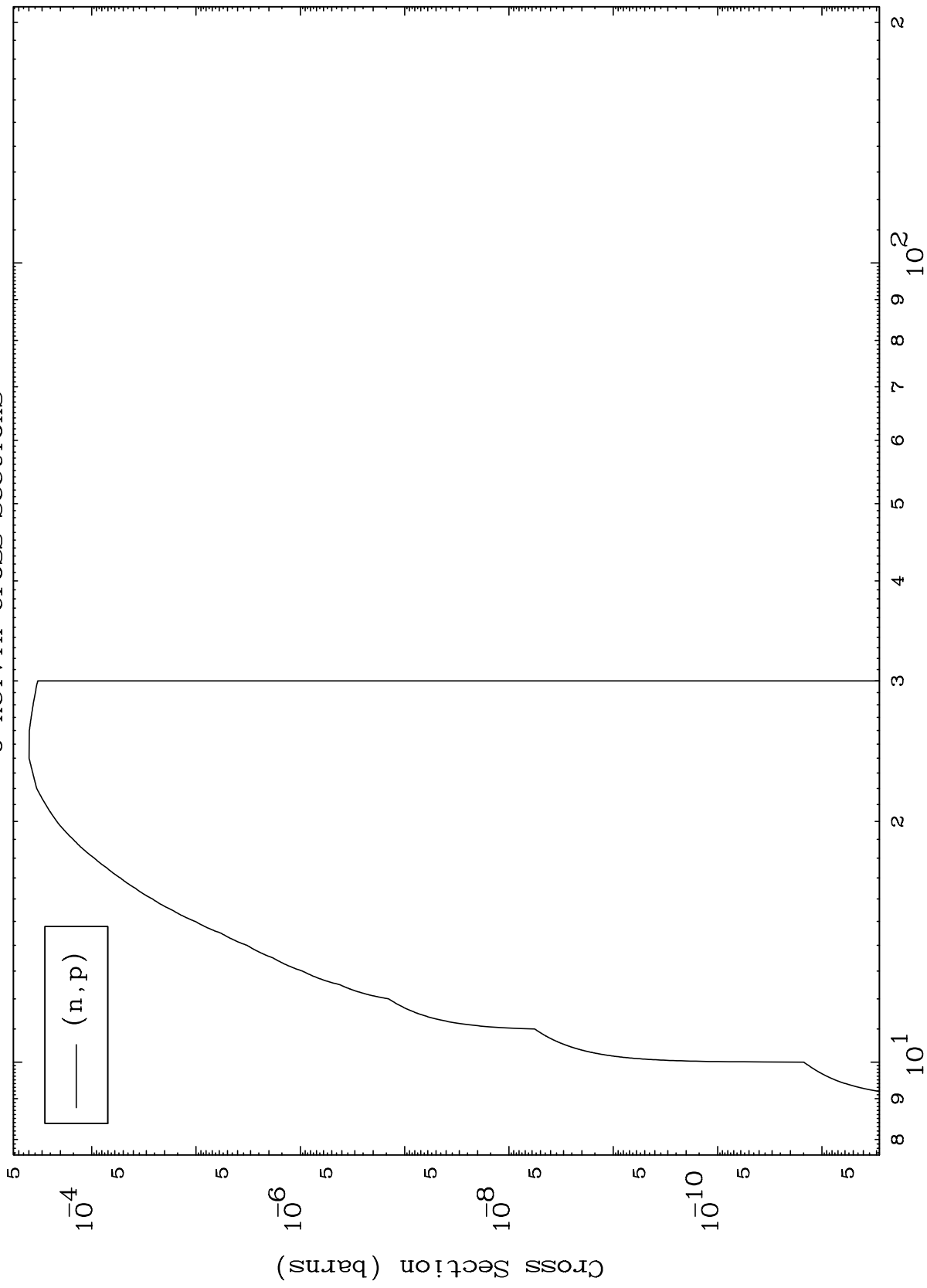
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(γ, p) Levels
0 Kelvin Cross Sections

56-Ba-137m



Incident Energy (MeV)

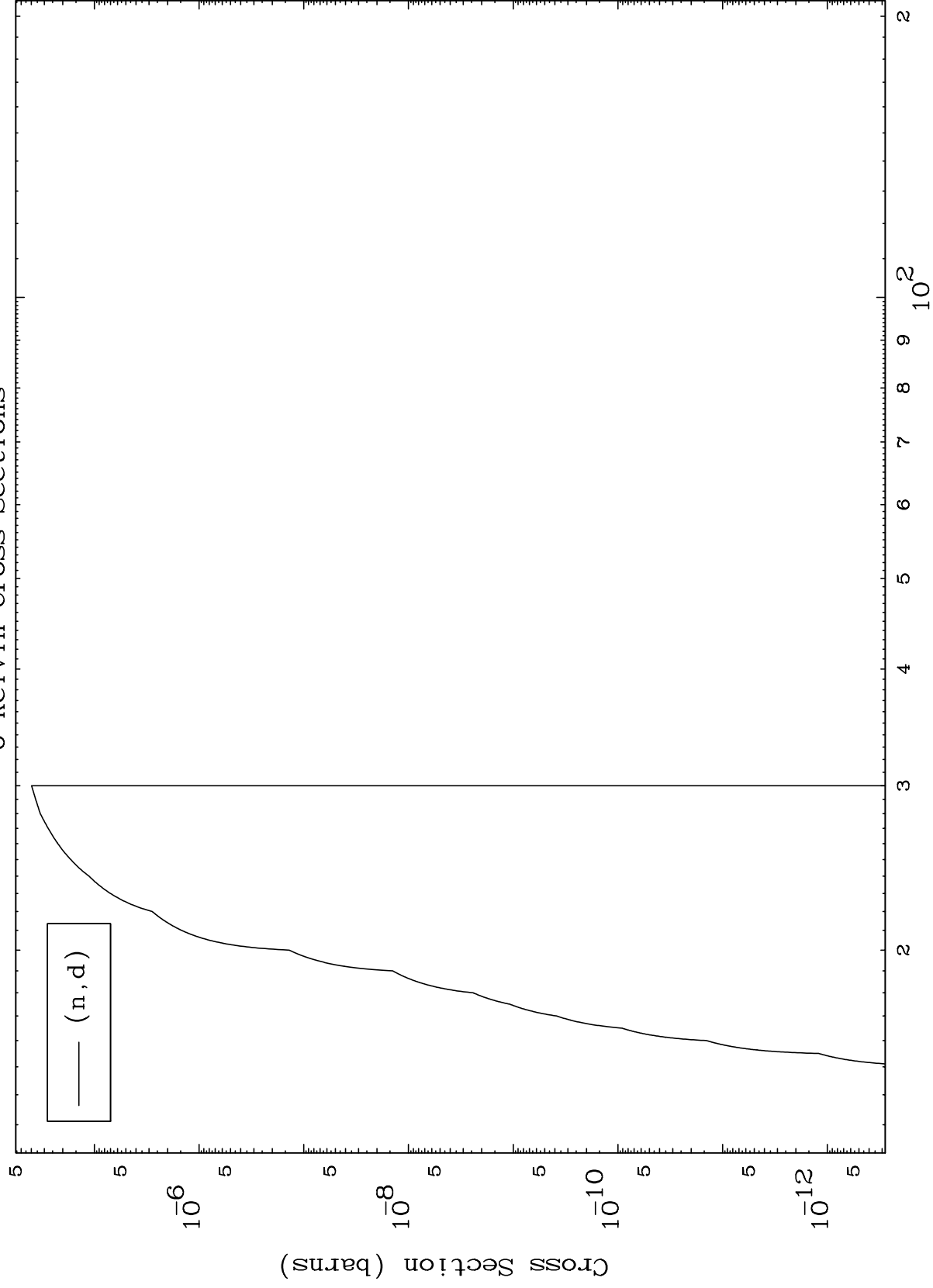
56-Ba-137m

6

MAT 5647

(γ, d) Levels
0 Kelvin Cross Sections

56-Ba-137m



7

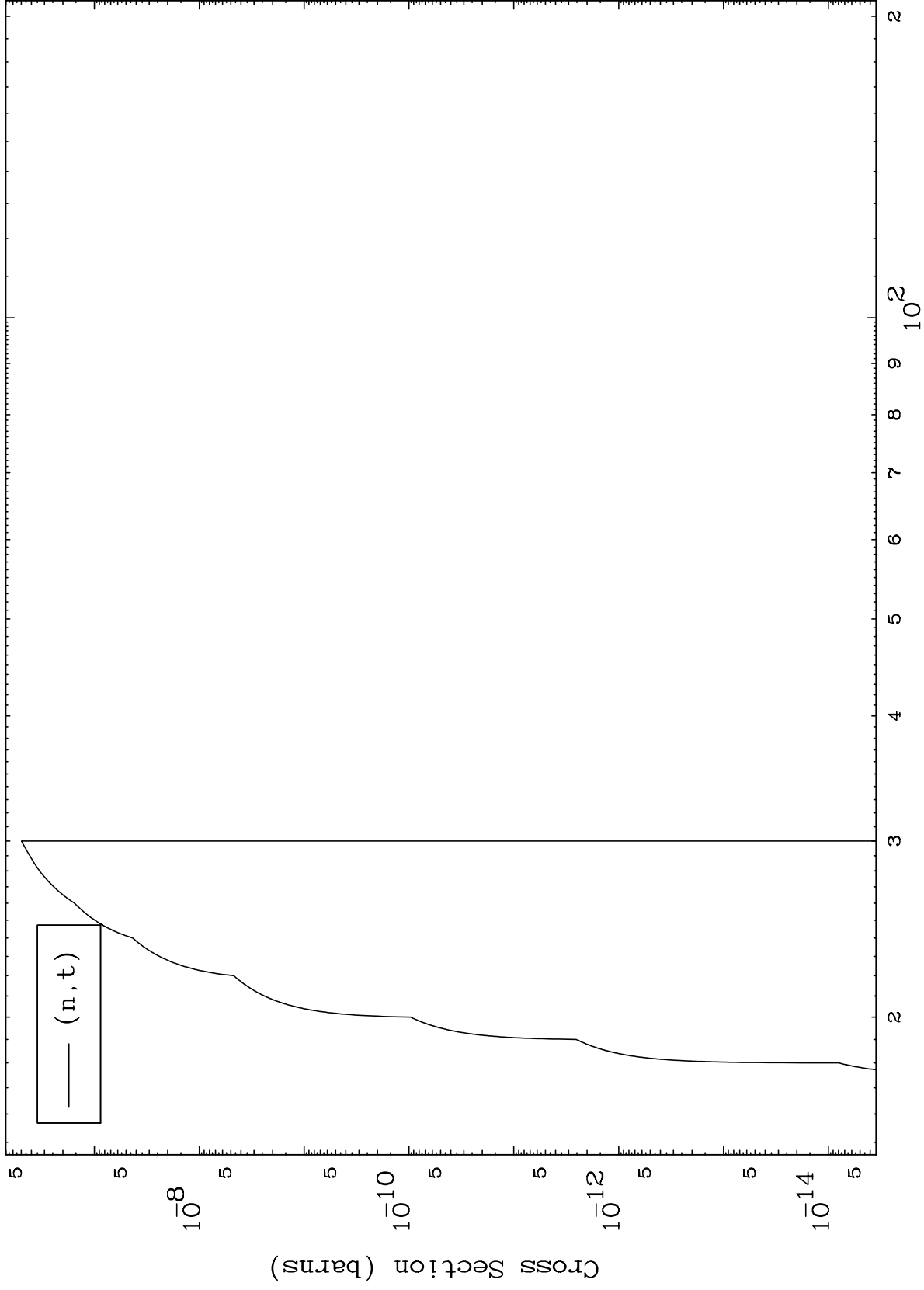
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(γ, t) Levels
0 Kelvin Cross Sections

56-Ba-137m



8

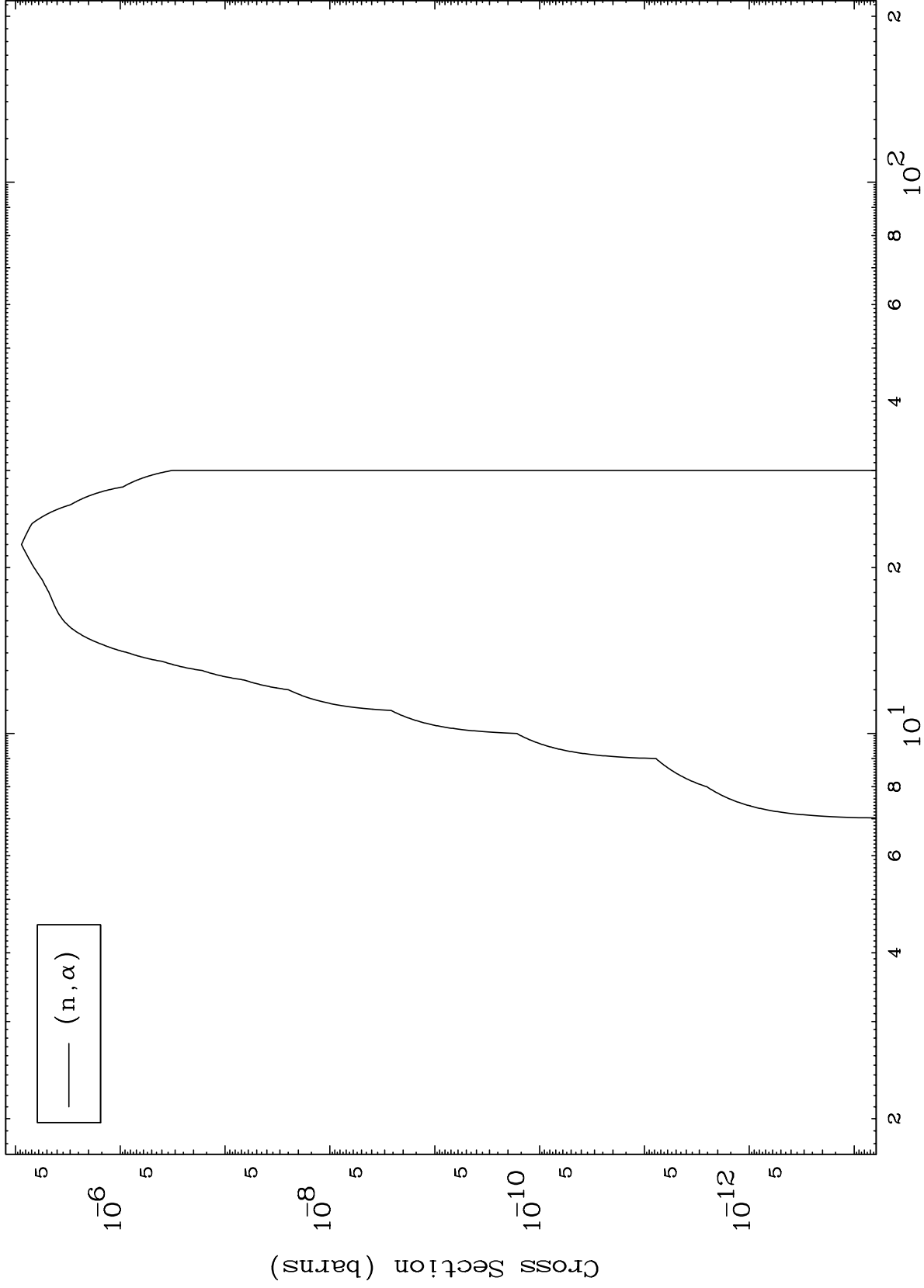
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(γ, α) Levels
0 Kelvin Cross Sections

56-Ba-137m



9

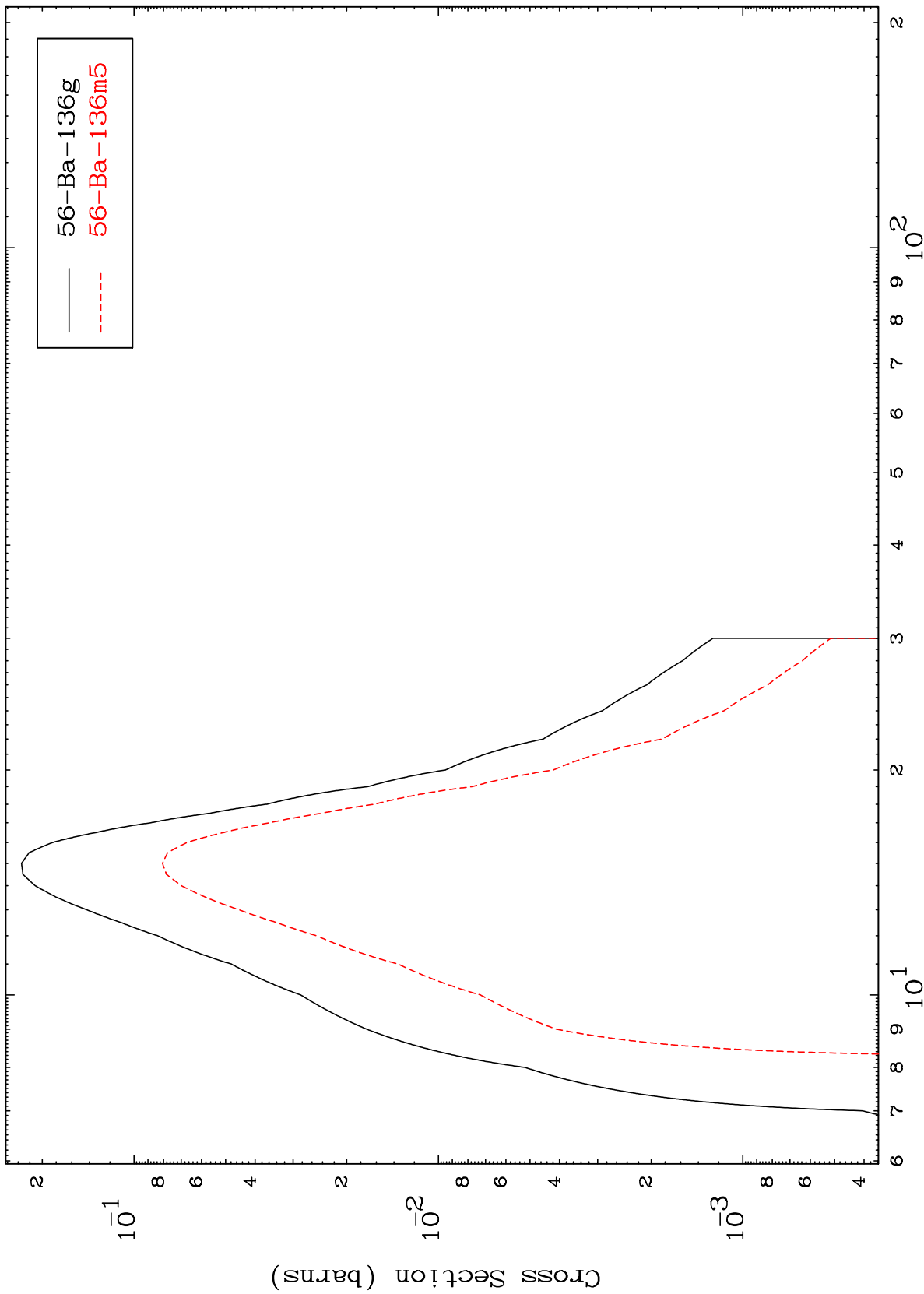
Incident Energy (MeV)

56-Ba-137m

MAT 5647

56-Ba-137m

Inelastic
Radionuclide Production Cross Section



56-Ba-137m

Incident Energy (MeV)

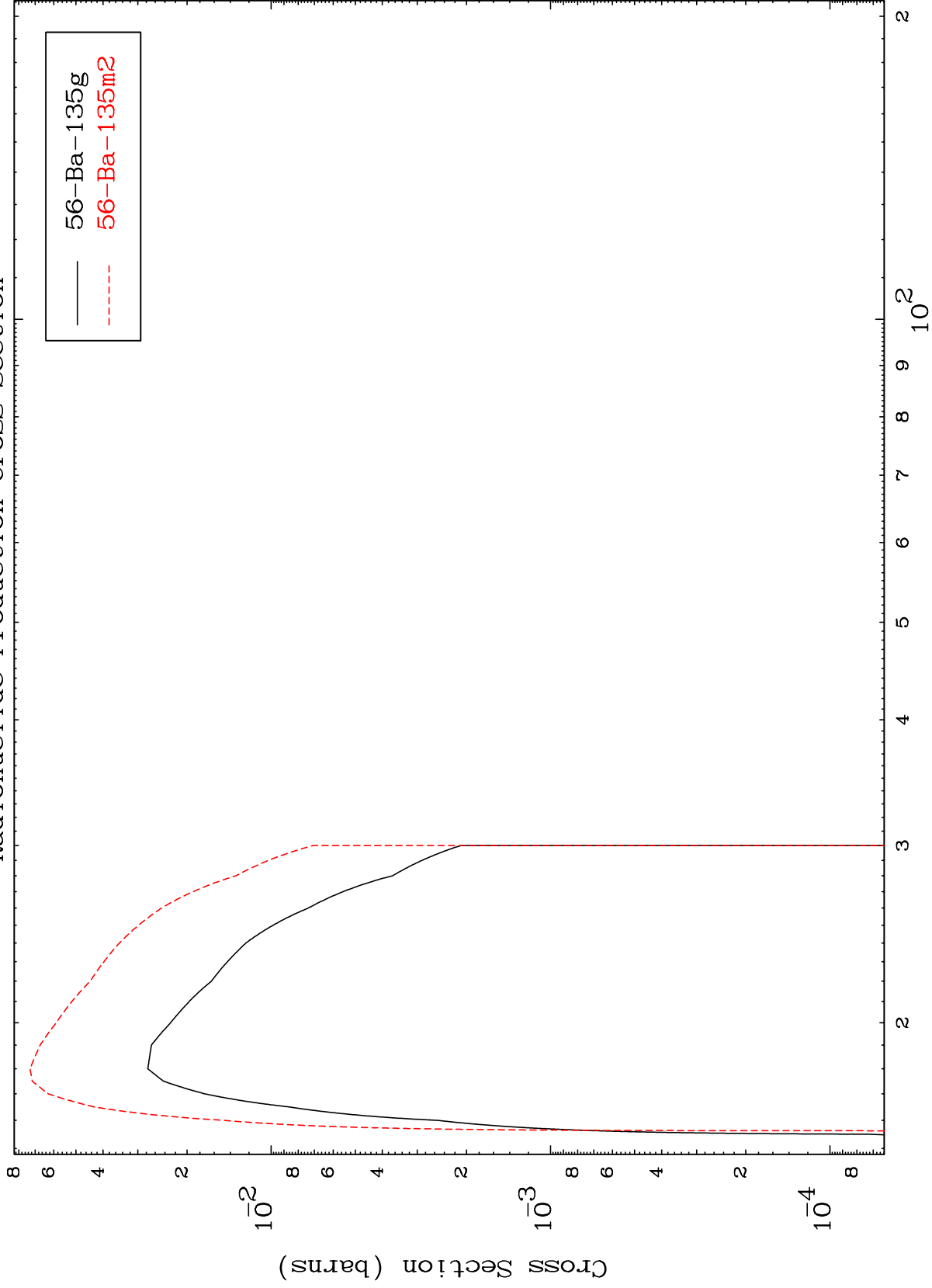
10

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(n,2n)

56-Ba-137m

Radionuclide Production Cross Section



11

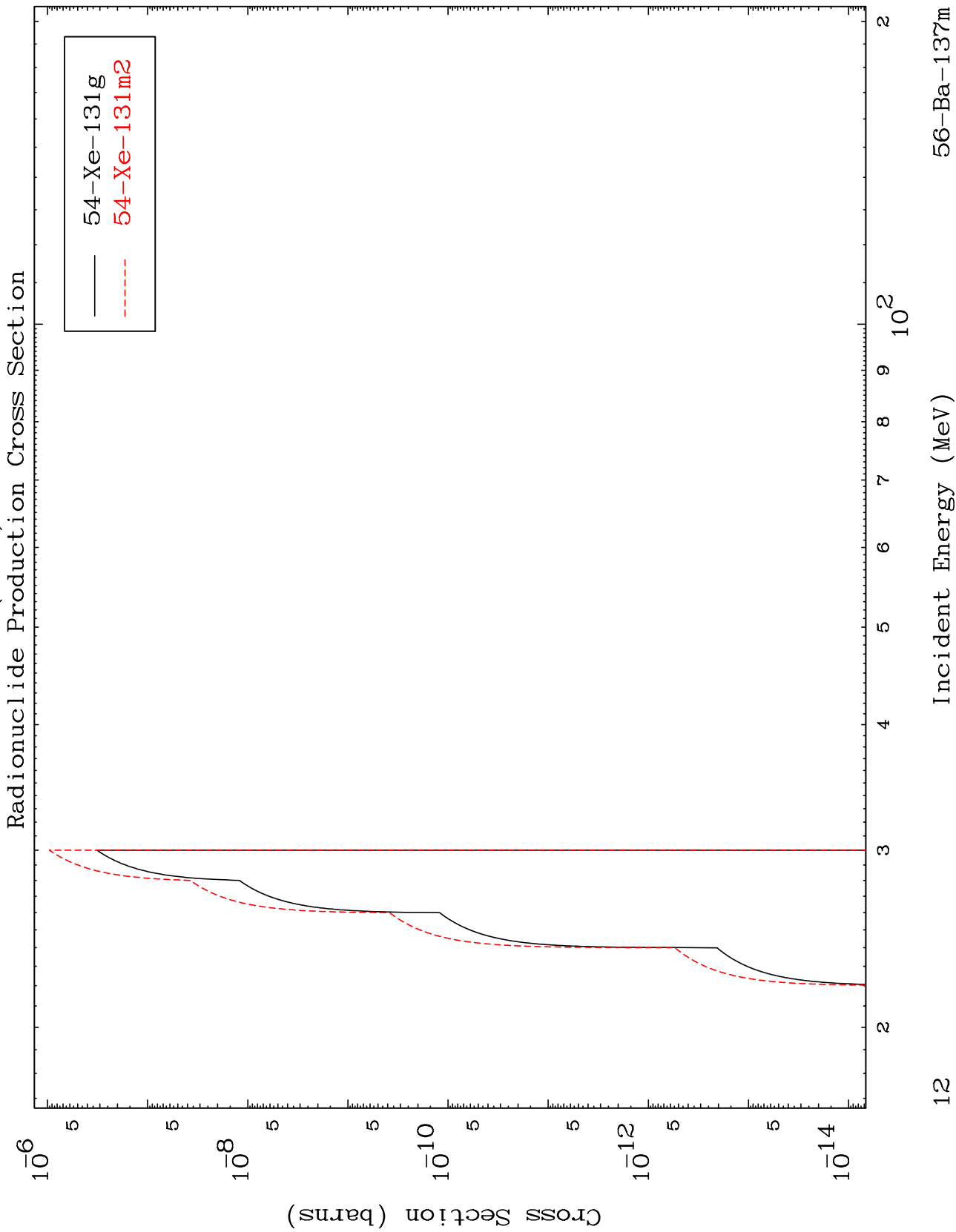
Incident Energy (MeV)

56-Ba-137m

MAT 5647

(n,2n) α

56-Ba-137m



12

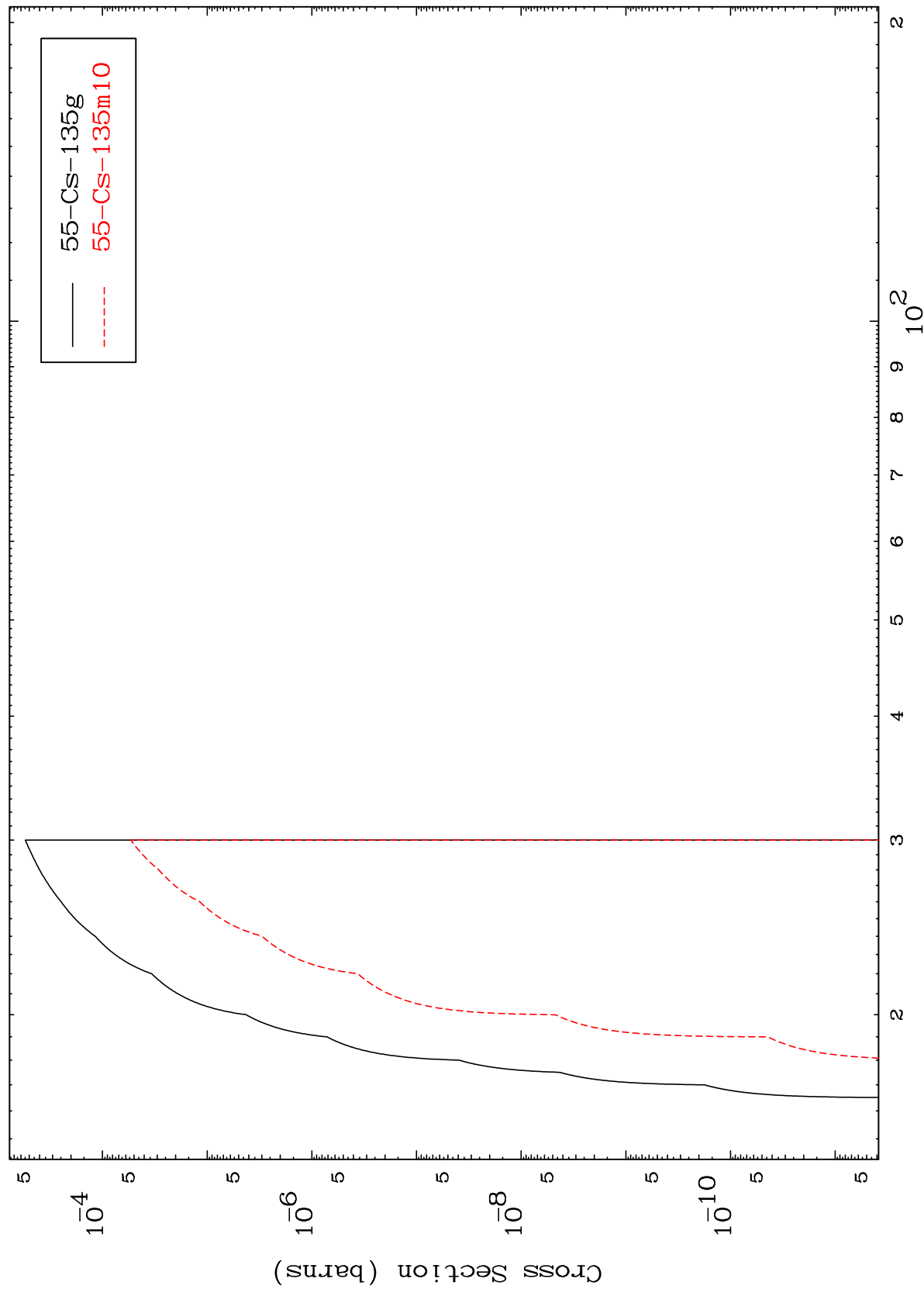
56-Ba-137m

MAT 5647

(n,n') p

56-Ba-137m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

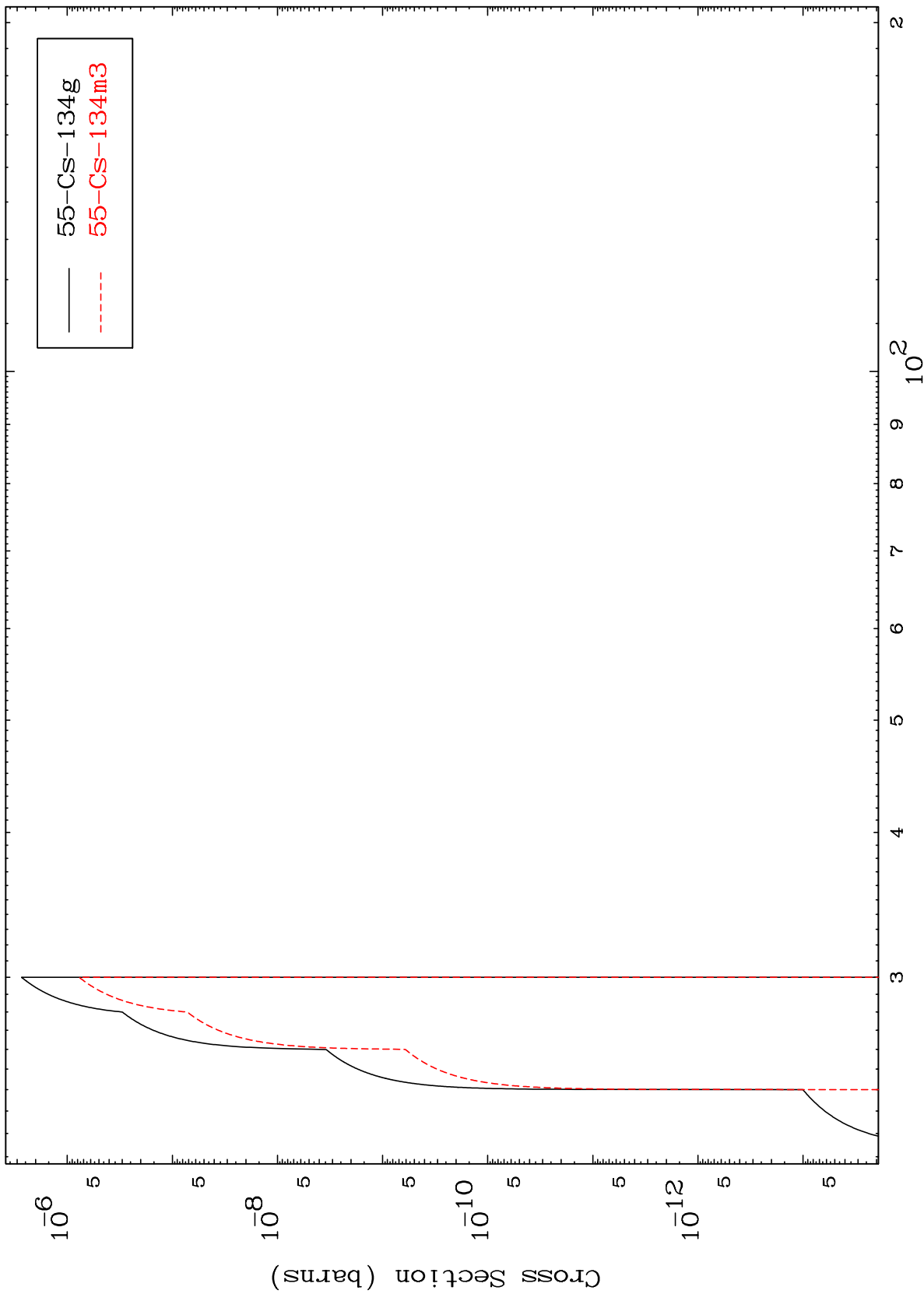
56-Ba-137m

MAT 5647

(n,n') d

56-Ba-137m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

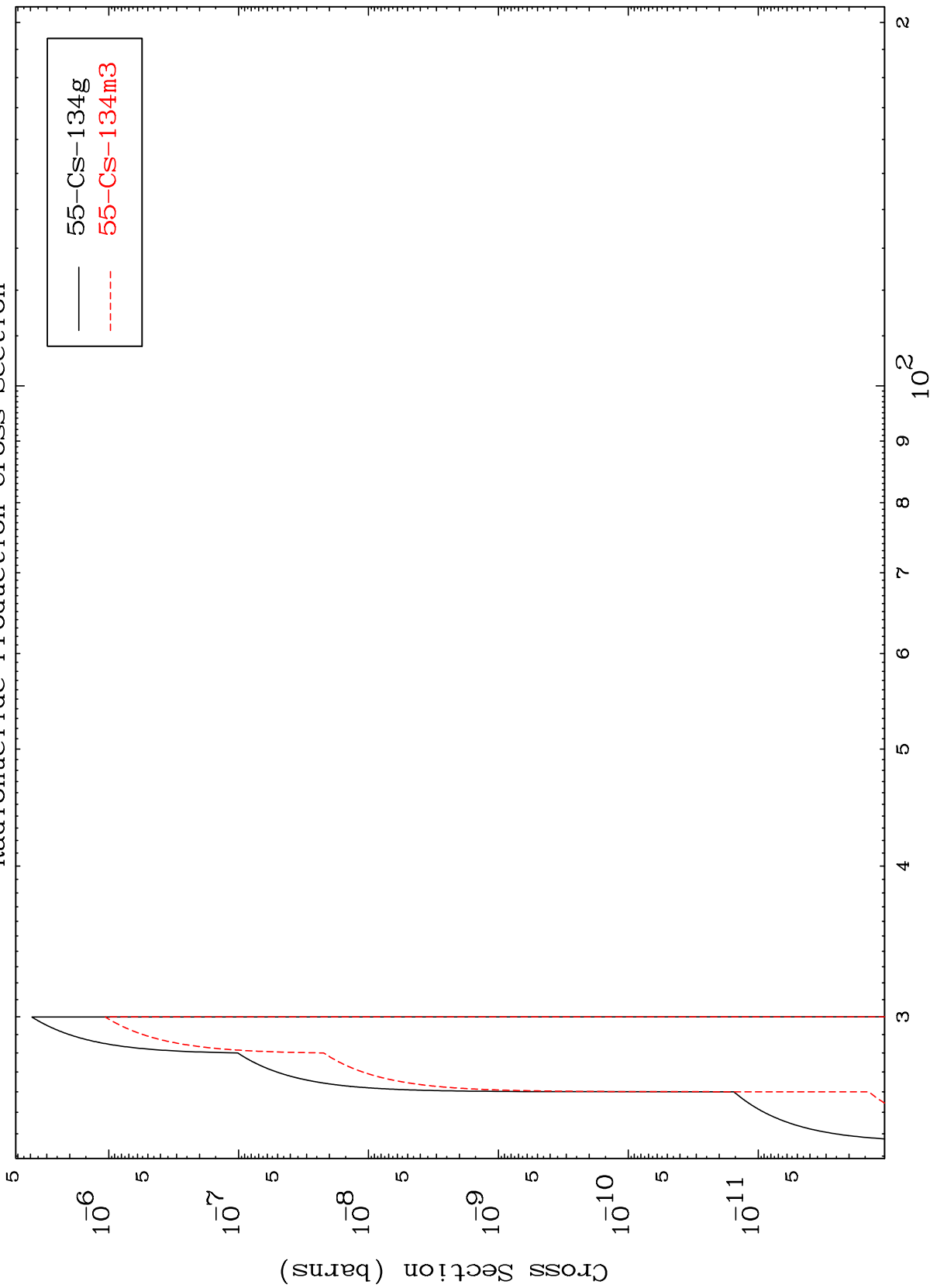
56-Ba-137m

MAT 5647

(n,2n) p

56-Ba-137m

Radionuclide Production Cross Section



15

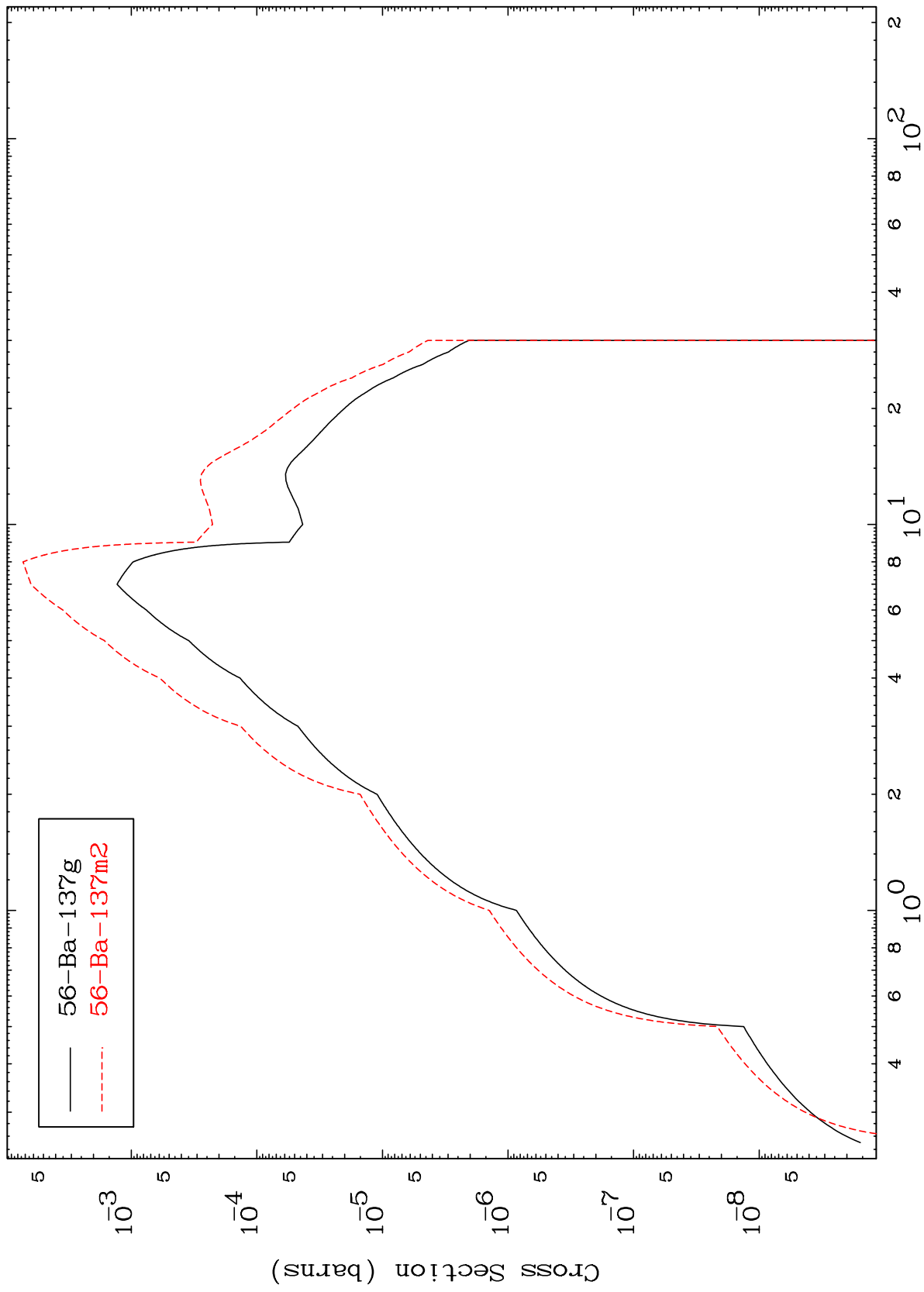
Incident Energy (MeV)

56-Ba-137m

MAT 5647

56-Ba-137m

Radionuclide Production Cross Section



56-Ba-137m

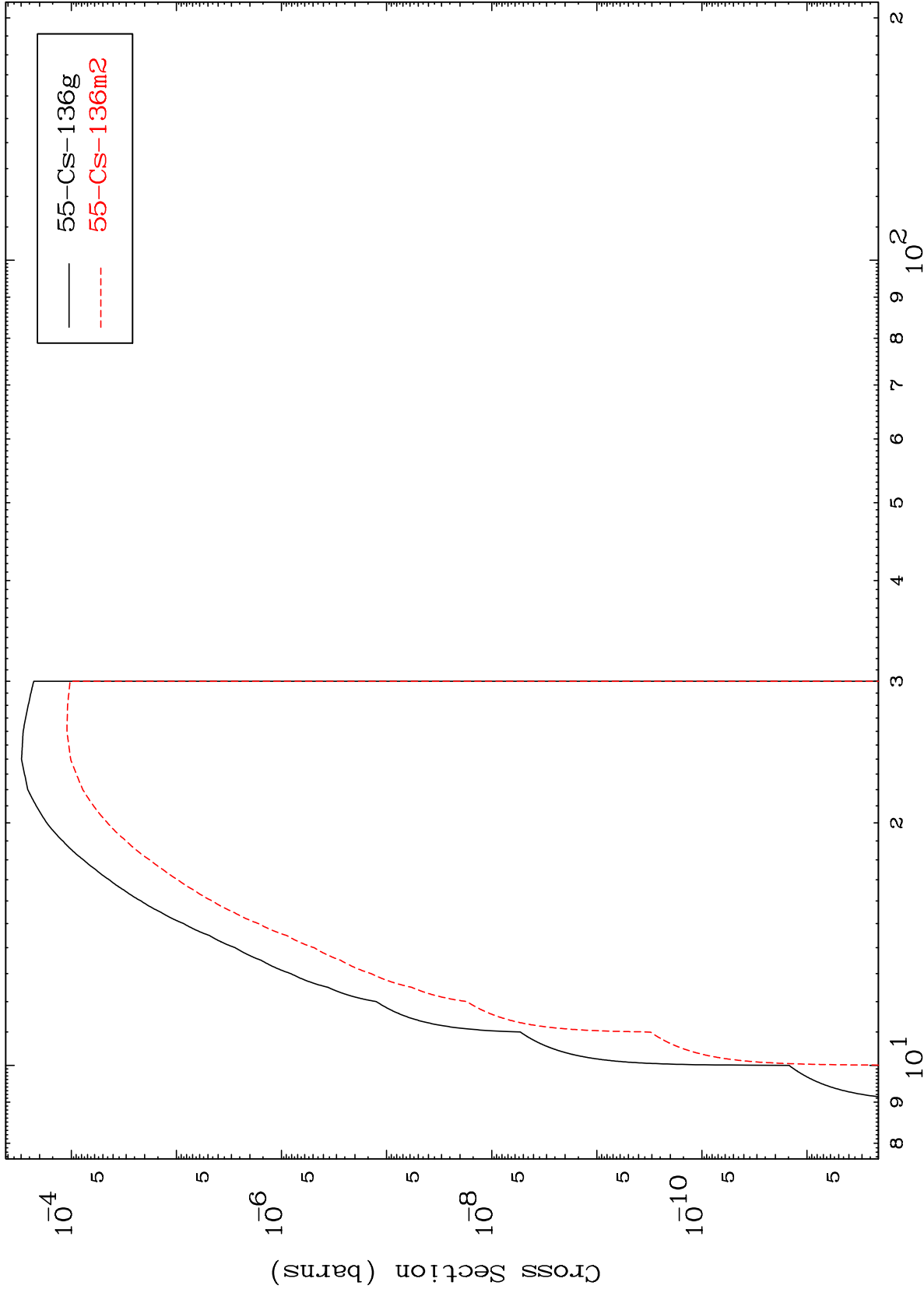
Incident Energy (MeV)

16

MAT 5647

56-Ba-137m

(n,p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

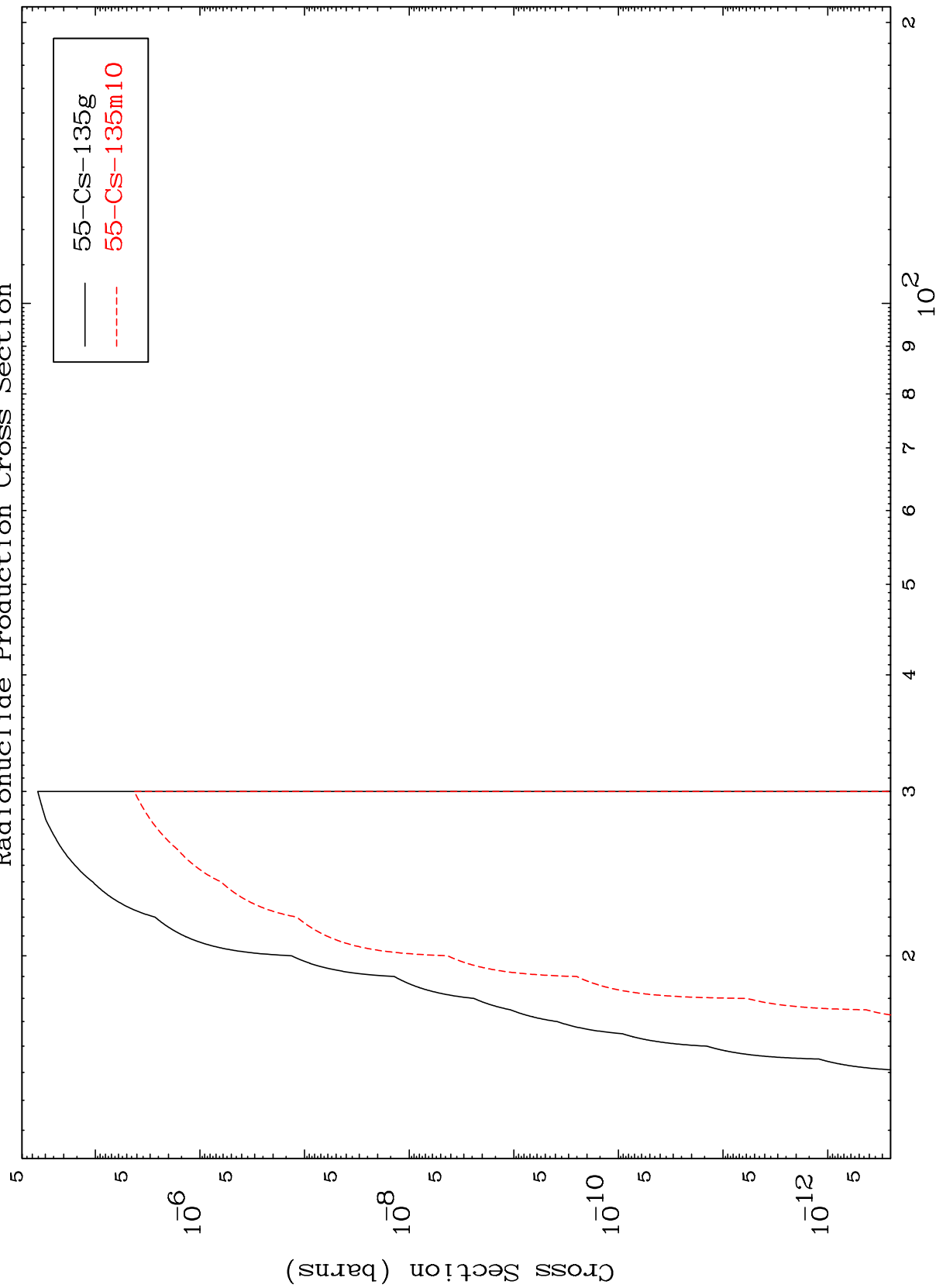
56-Ba-137m

MAT 5647

(n,d)

56-Ba-137m

Radionuclide Production Cross Section



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

18

Incident Energy (MeV)

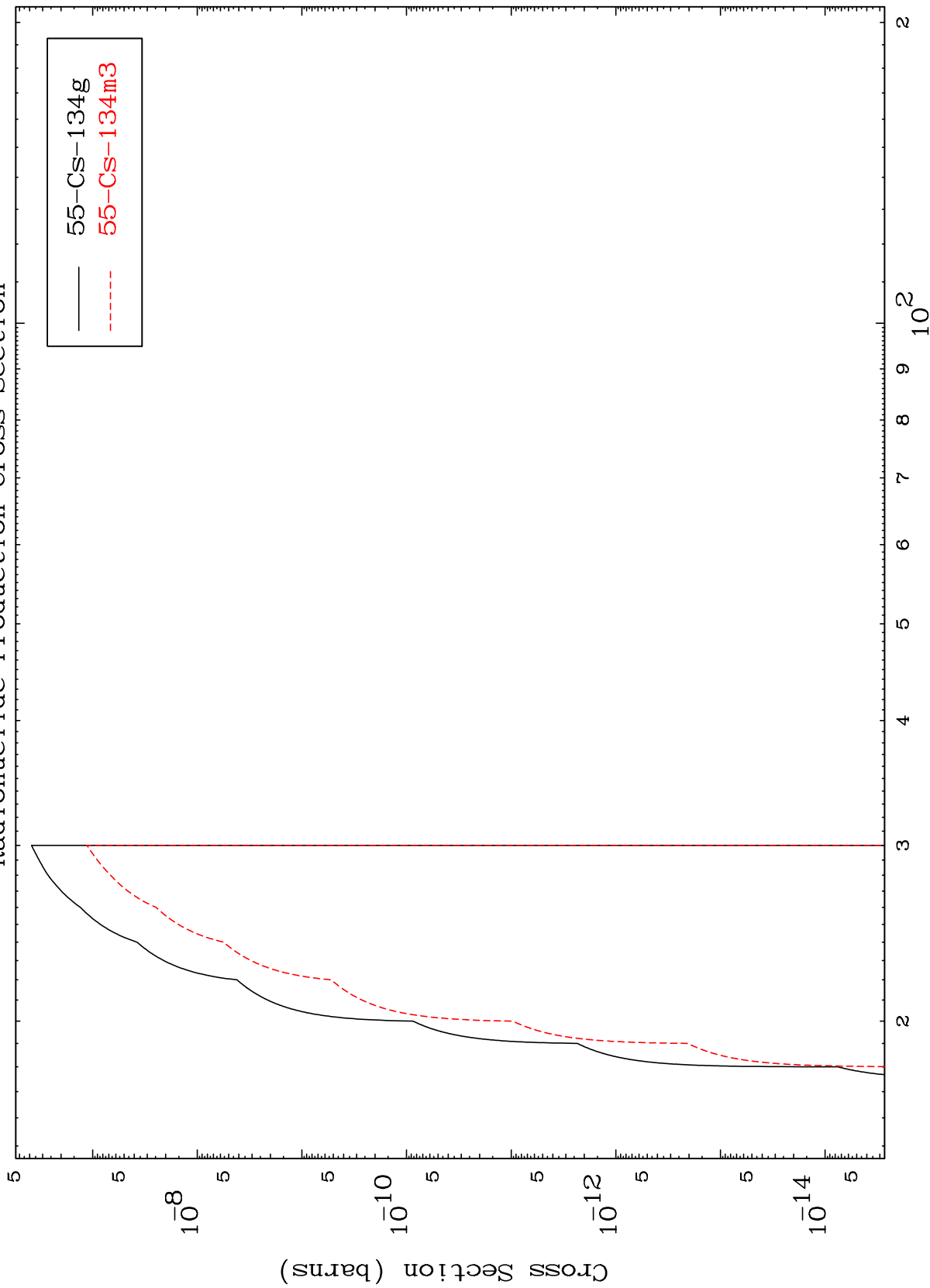
56-Ba-137m

MAT 5647

(n, t)

56-Ba-137m

Radionuclide Production Cross Section



19

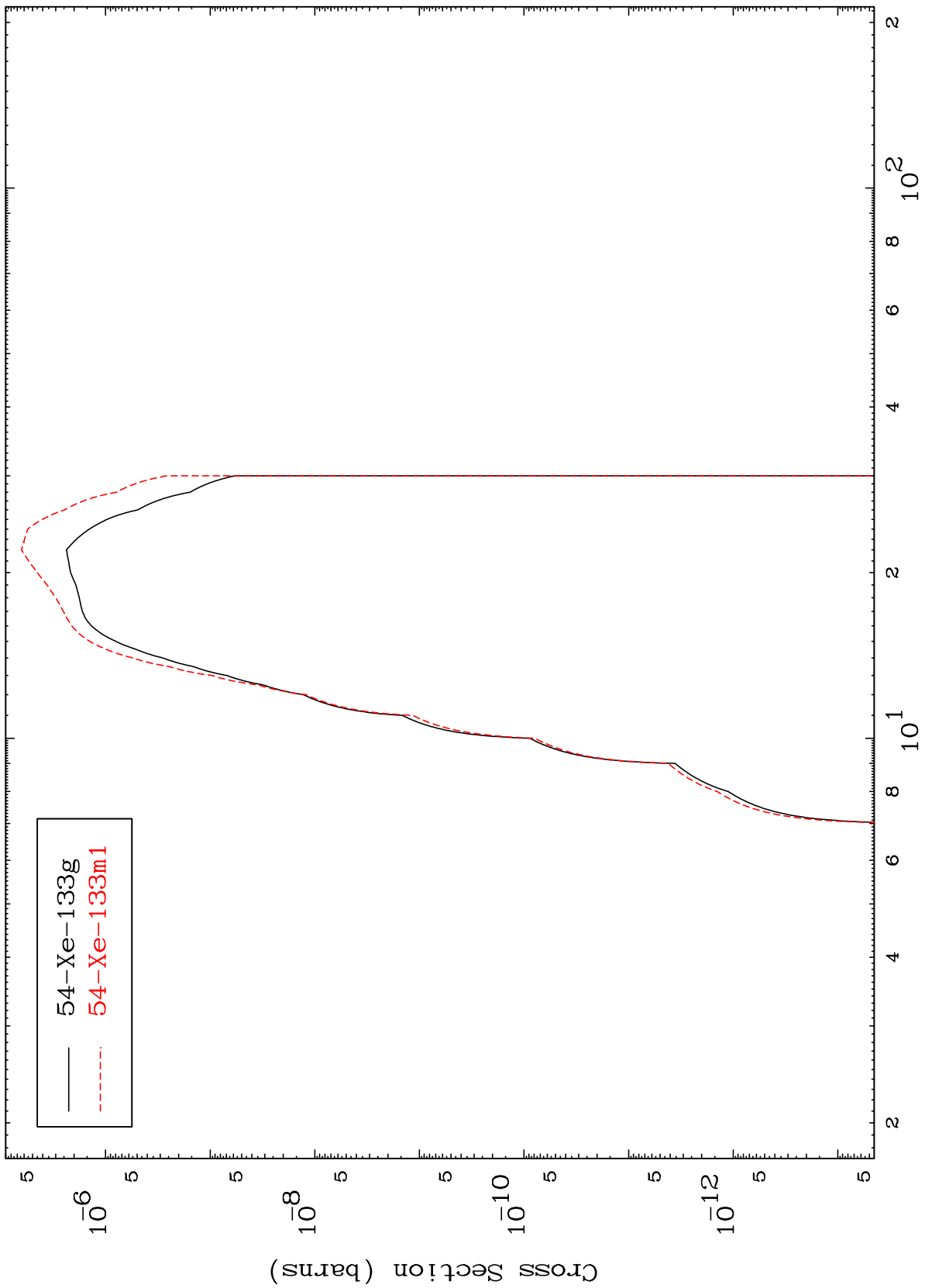
Incident Energy (MeV)

56-Ba-137m

MAT 5647

56-Ba-137m

Radionuclide Production Cross Section
(n, α)



20

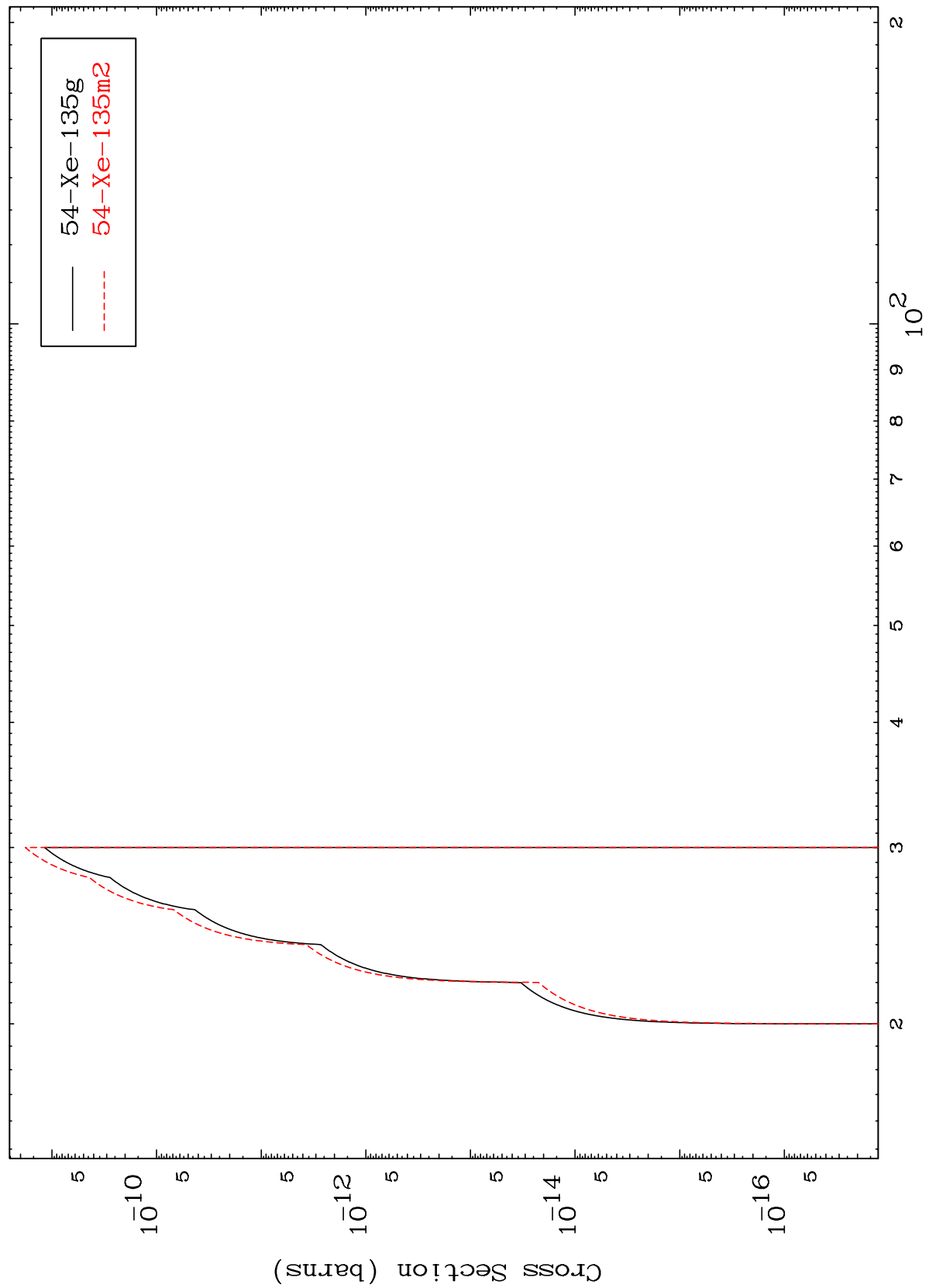
56-Ba-137m

Incident Energy (MeV)

MAT 5647

56-Ba-137m

(n,2p)
Radionuclide Production Cross Section



21

56-Ba-137m

Incident Energy (MeV)