

Program EVALPLOT
(Version 2021-1)

by

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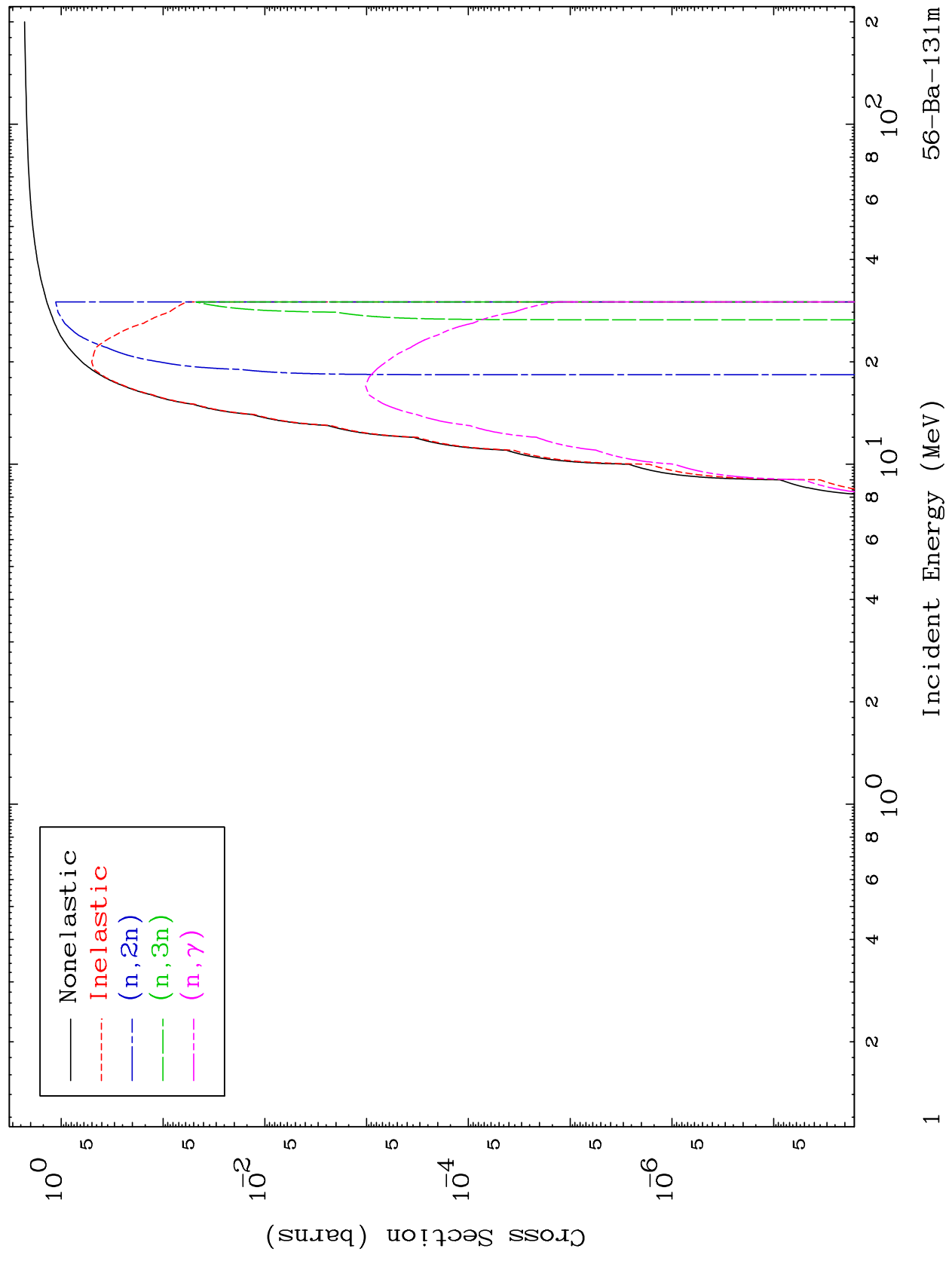
Press Mouse Button to Start

MAT 5629

0 Kelvin

α Major Cross Sections

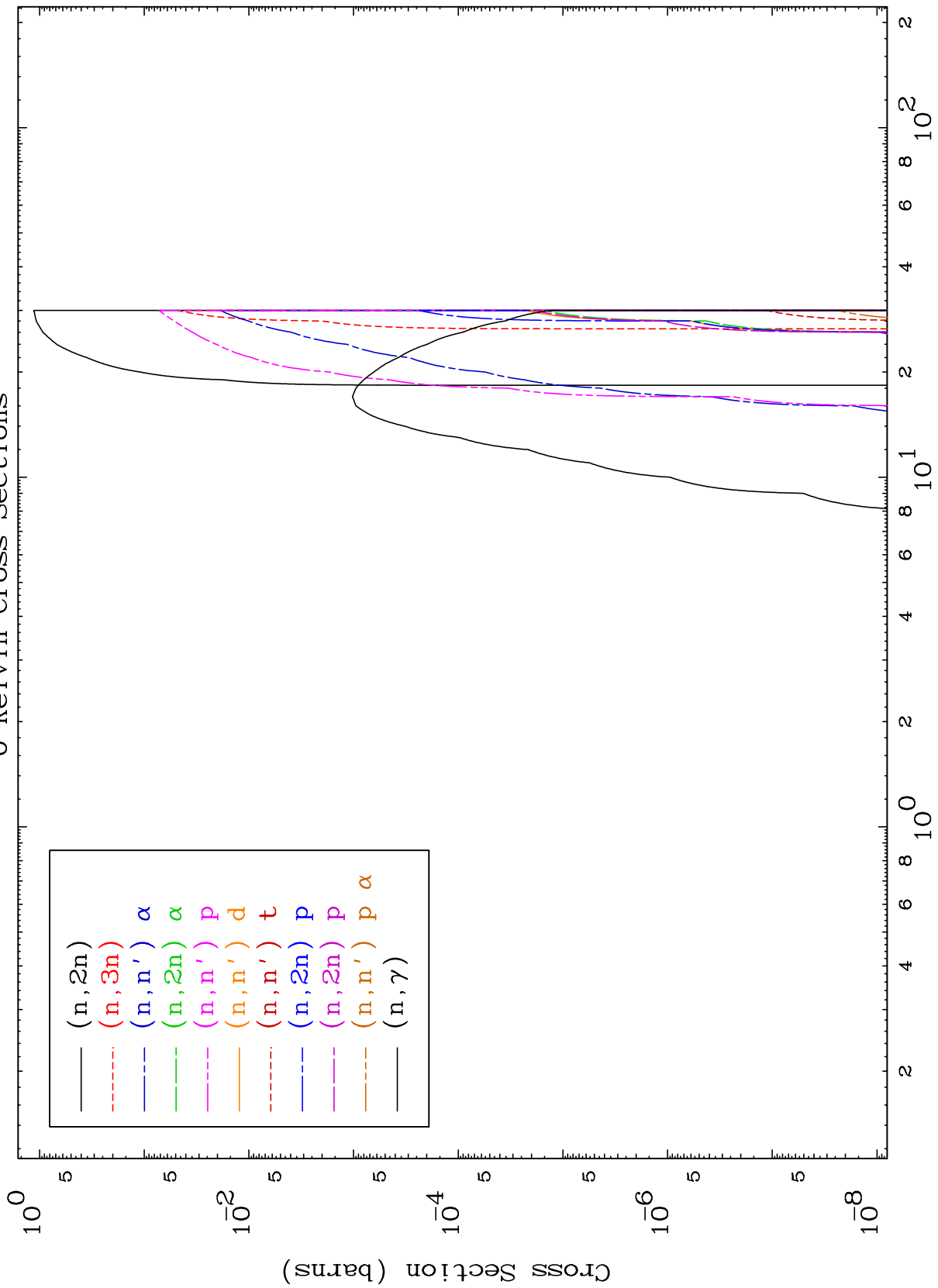
56-Ba-131m



MAT 5629

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-131m



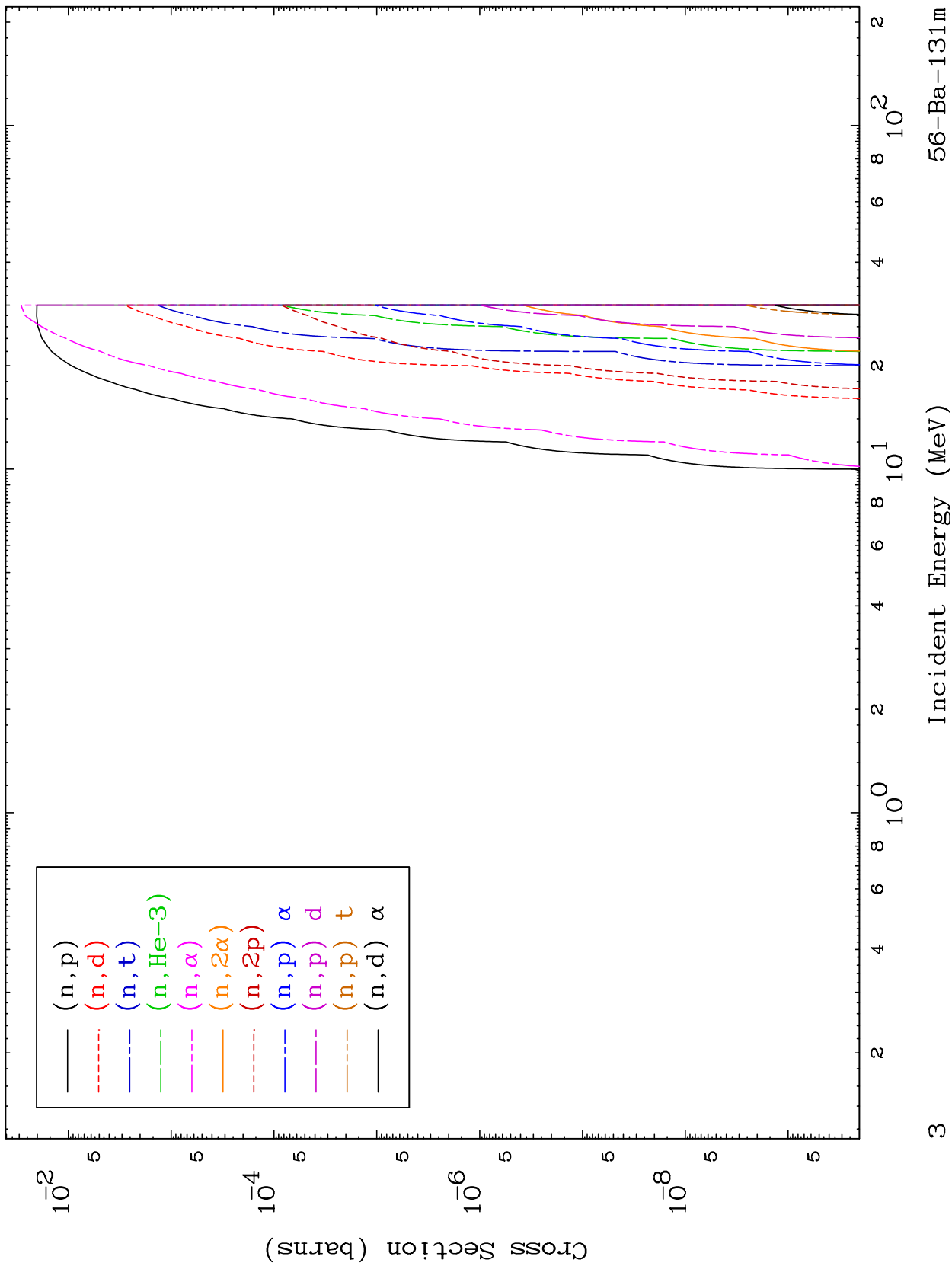
56-Ba-131m

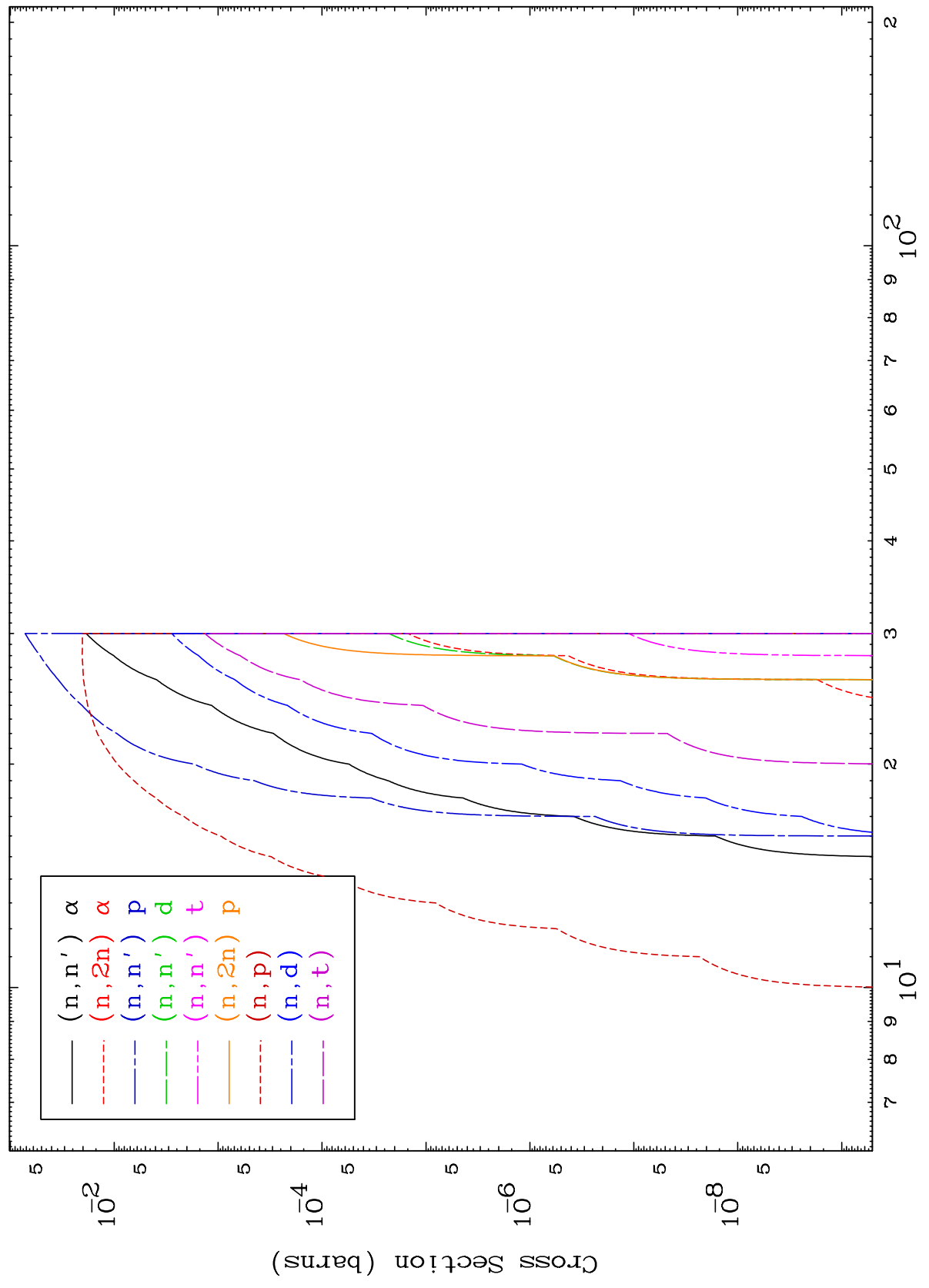
Incident Energy (MeV)

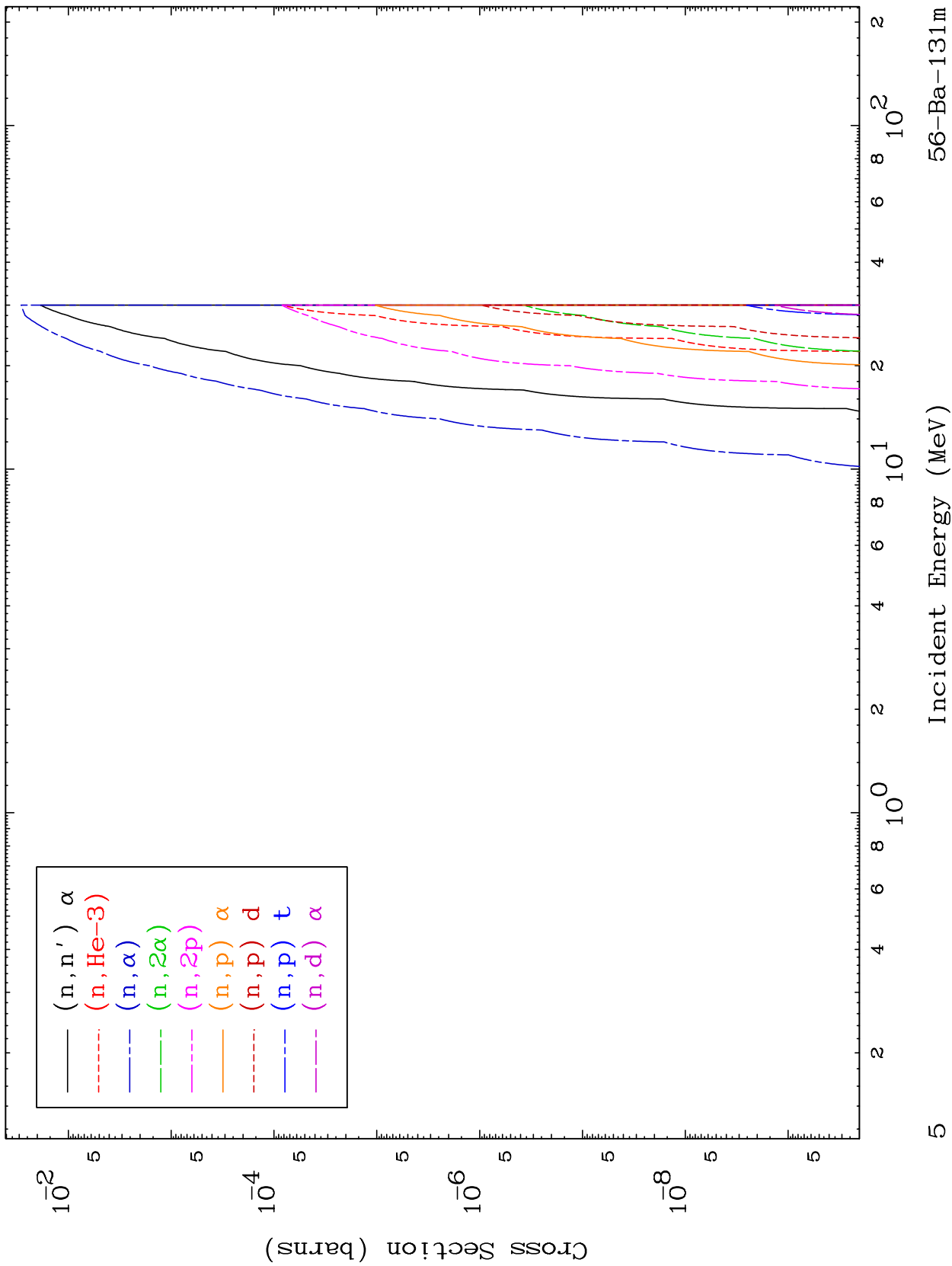
MAT 5629

α Neutron Absorption
0 Kelvin Cross Sections

56-Ba-131m



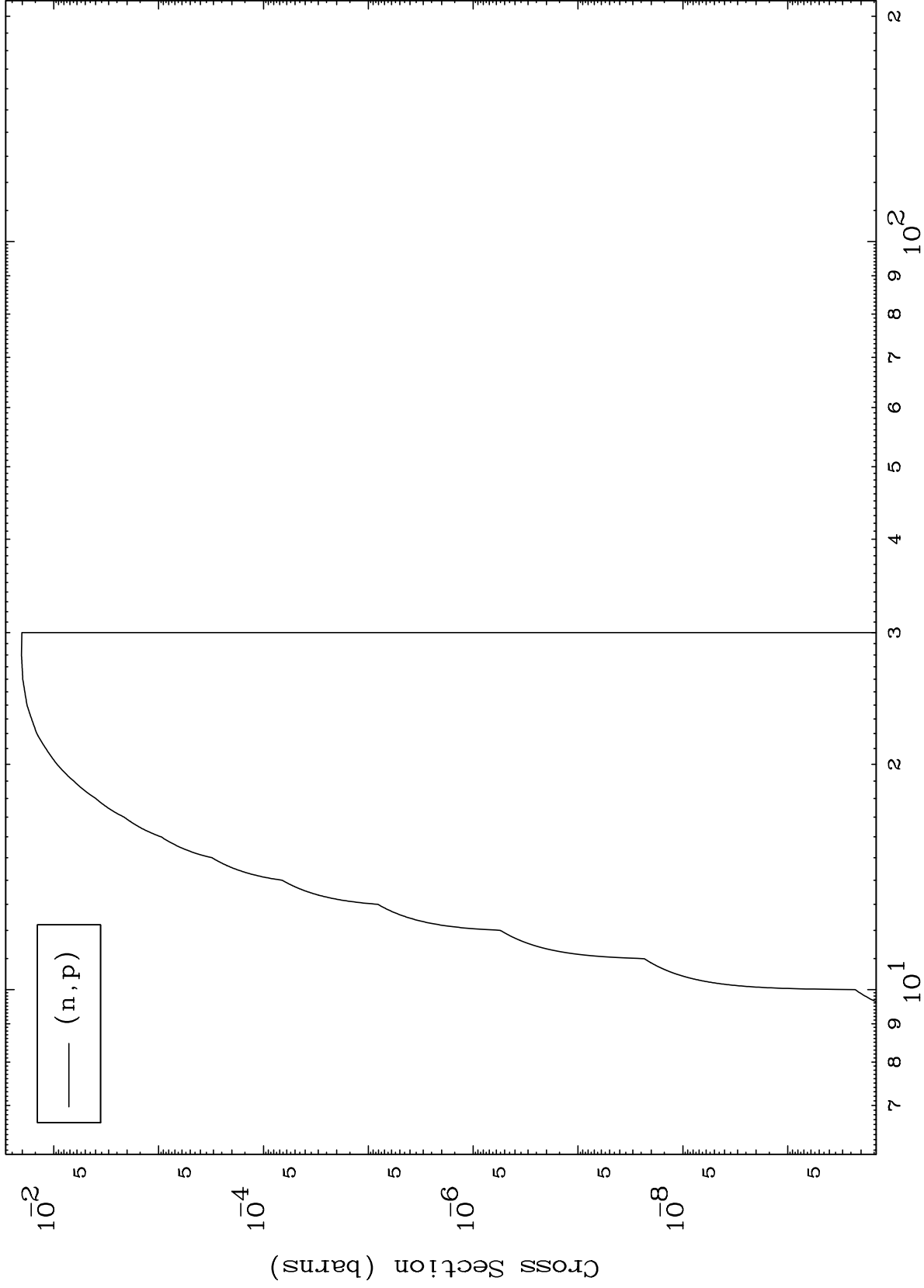




MAT 5629

(α, p) Levels
0 Kelvin Cross Sections

56-Ba-131m



6

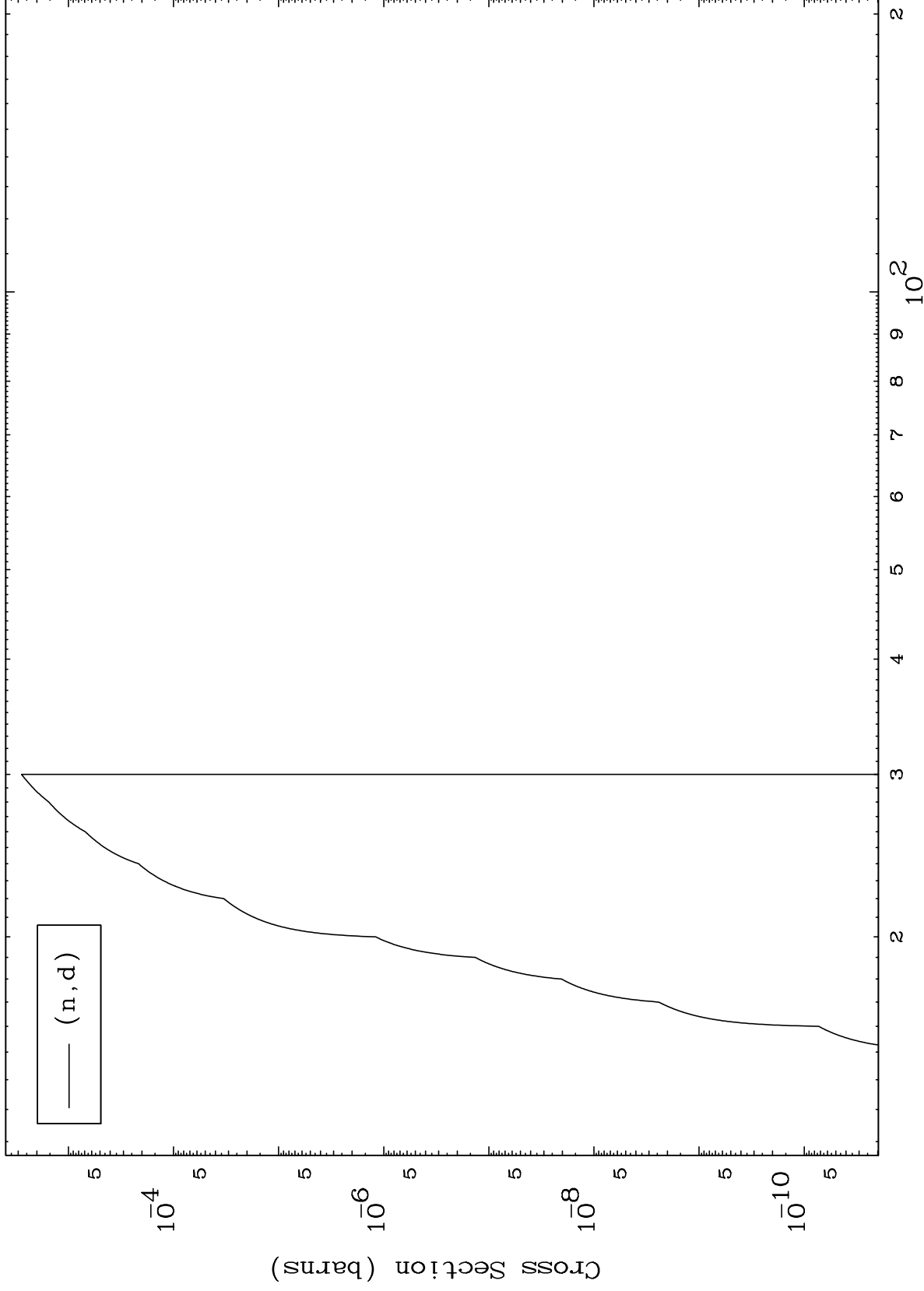
Incident Energy (MeV)

56-Ba-131m

MAT 5629

(α, d) Levels
0 Kelvin Cross Sections

56-Ba-131m



7

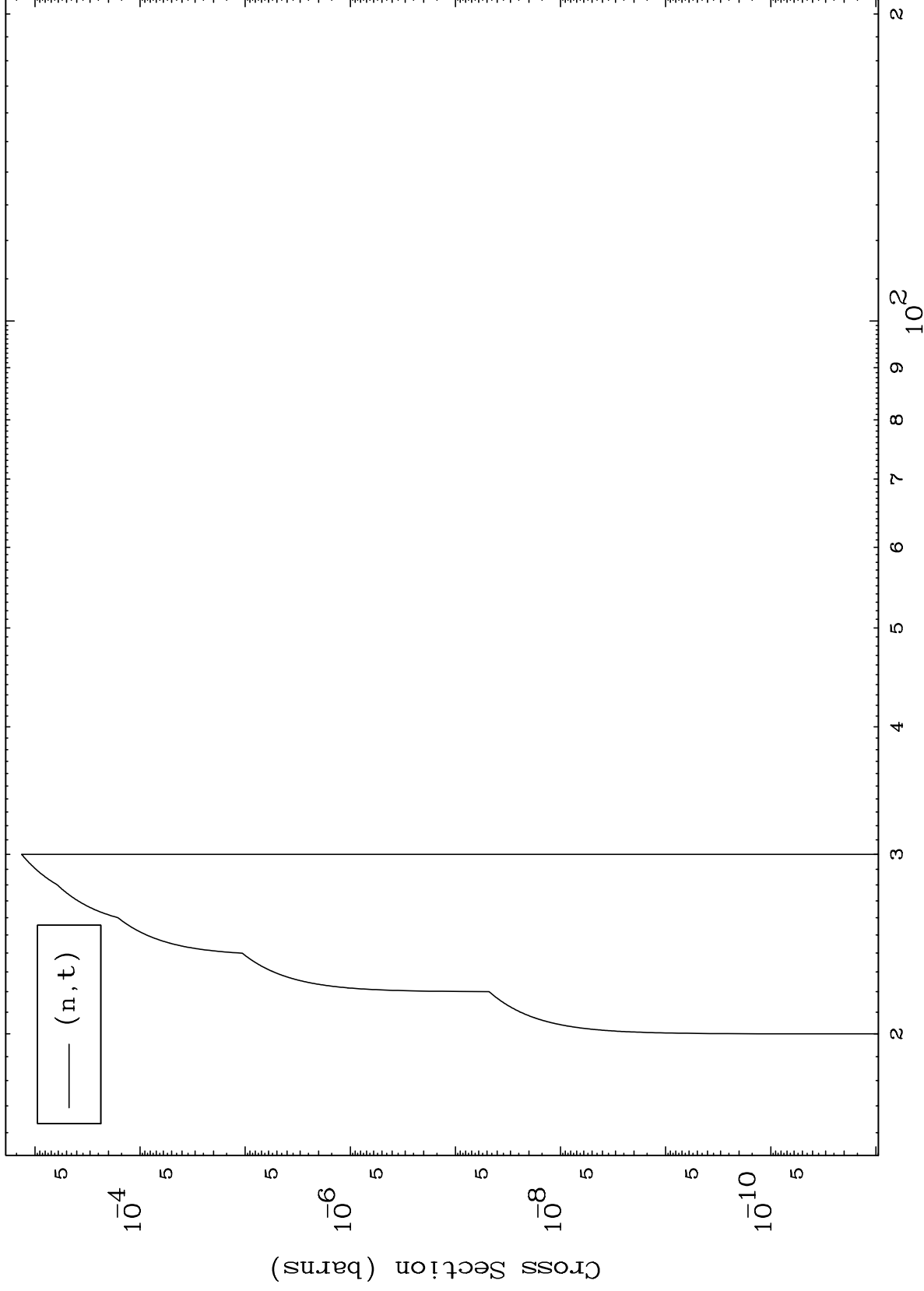
Incident Energy (MeV)

56-Ba-131m

MAT 5629

(α, t) Levels
0 Kelvin Cross Sections

56-Ba-131m



8

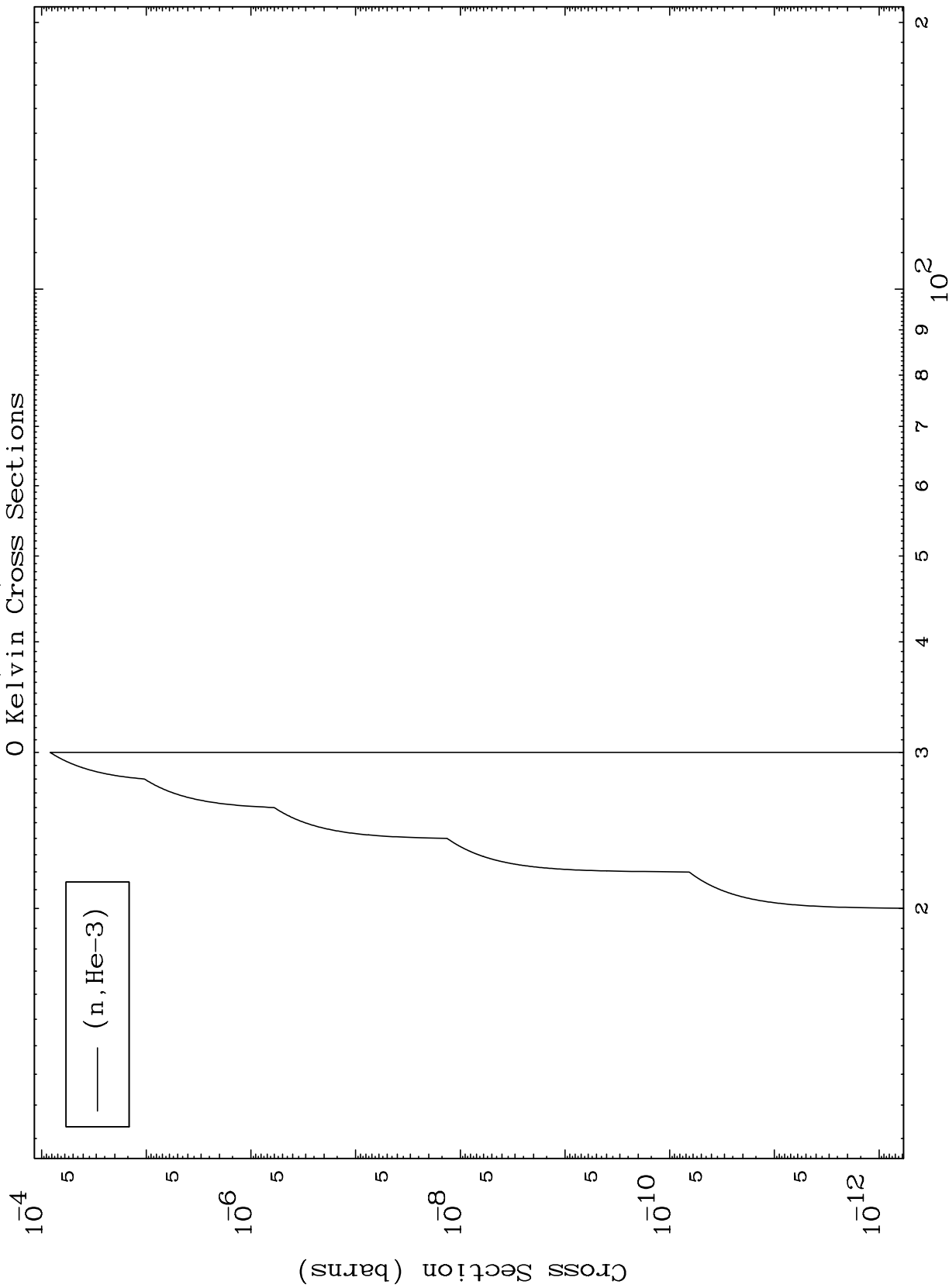
Incident Energy (MeV)

56-Ba-131m

MAT 5629

56-Ba-131m

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



56-Ba-131m

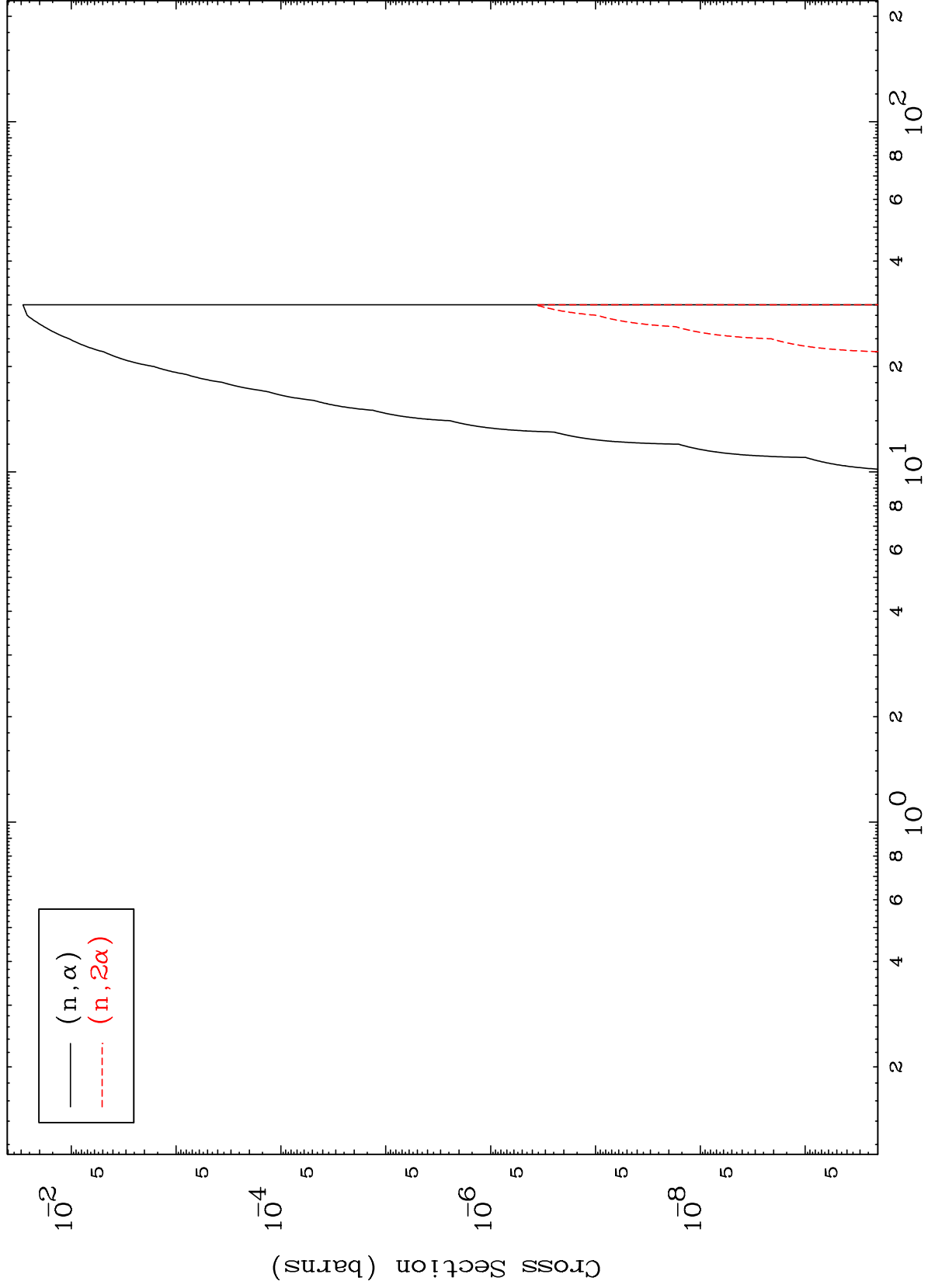
Incident Energy (MeV)

MAT 5629

(α, α) Levels

56-Ba-131m

0 Kelvin Cross Sections



10

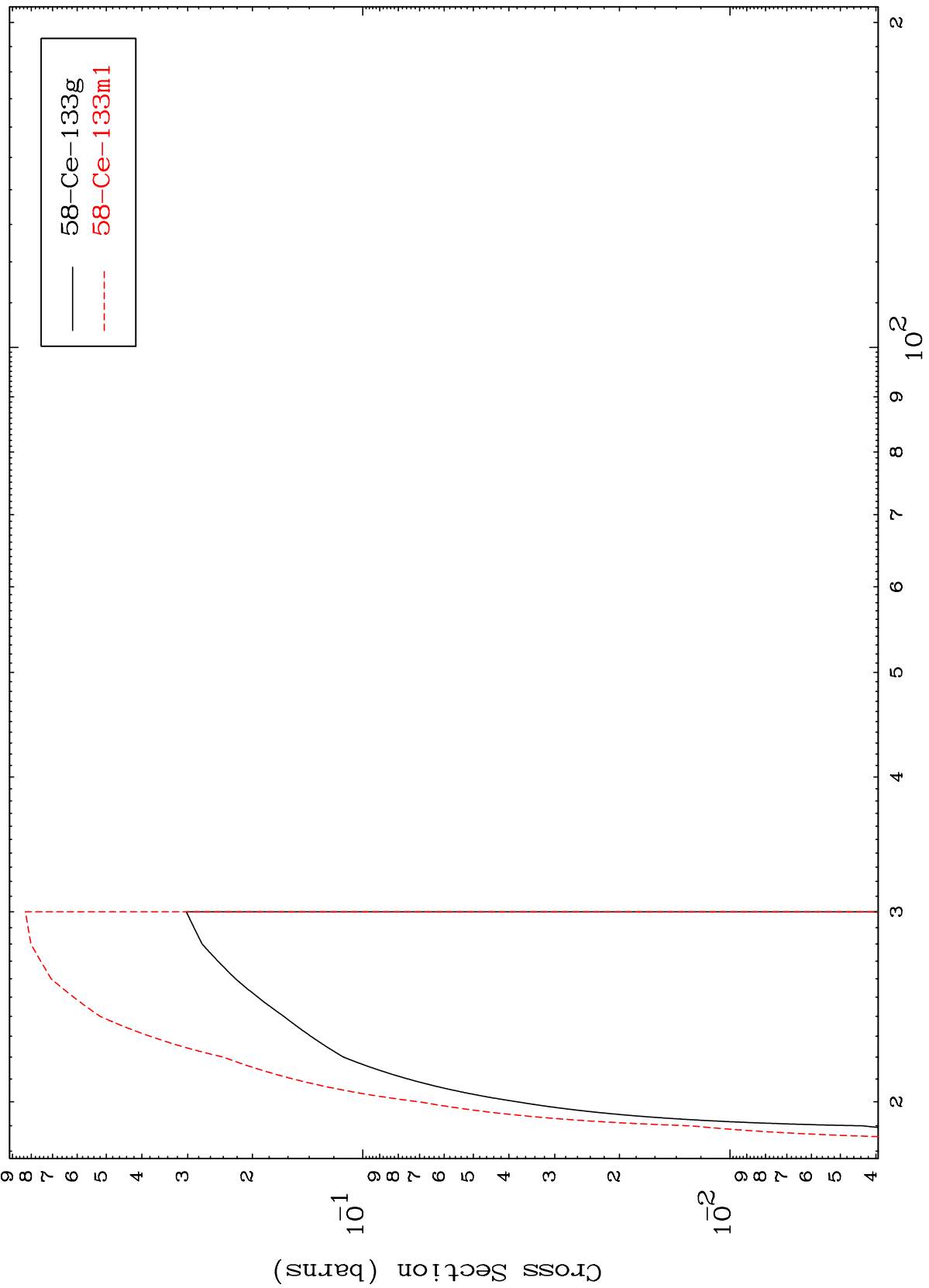
Incident Energy (MeV)

56-Ba-131m

MAT 5629

56-Ba-131m

(n,2n)
Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

56-Ba-131m

Incident Energy (MeV)

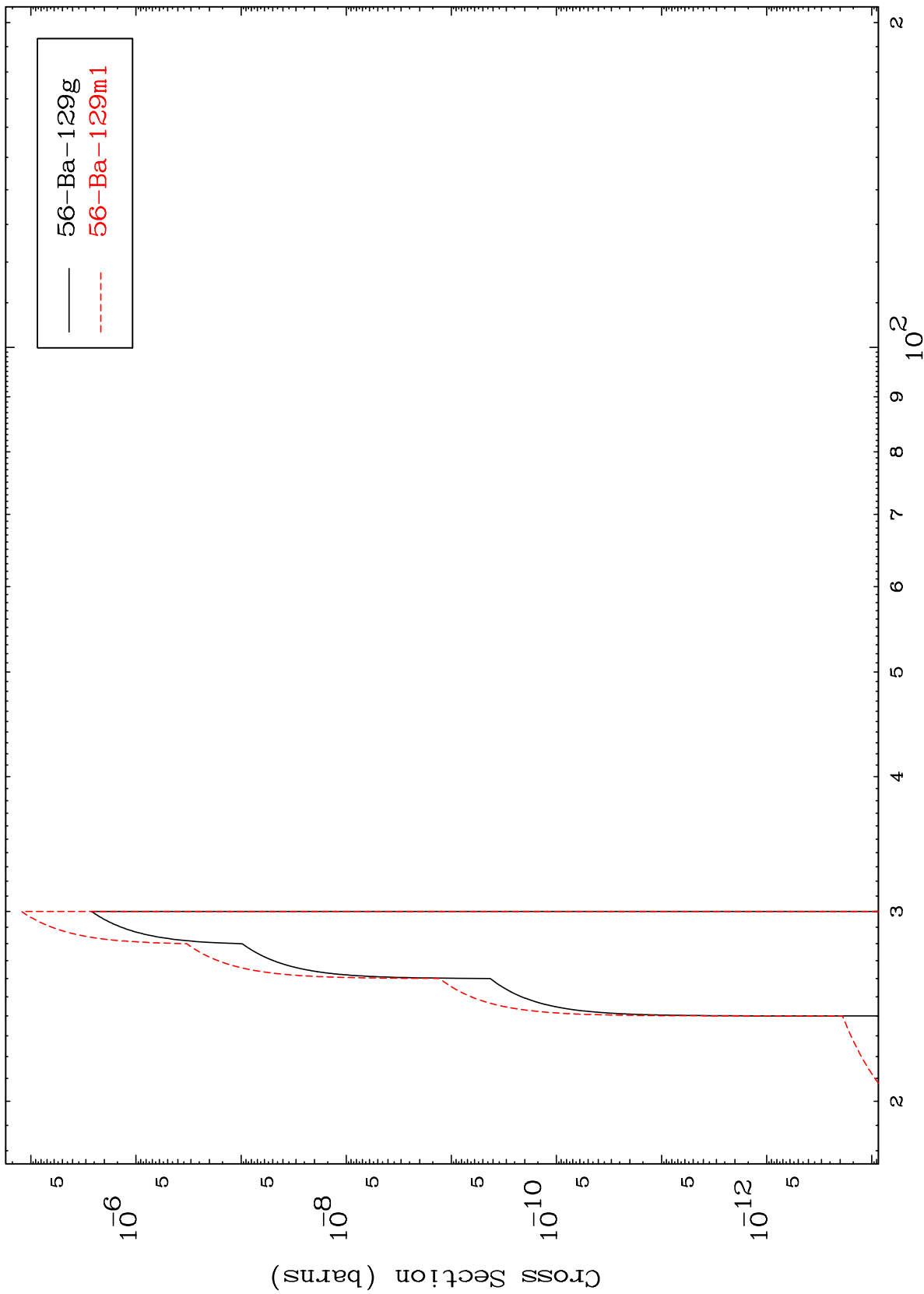
11

MAT 5629

$(n,2n) \alpha$

56-Ba-131m

Radionuclide Production Cross Section



12

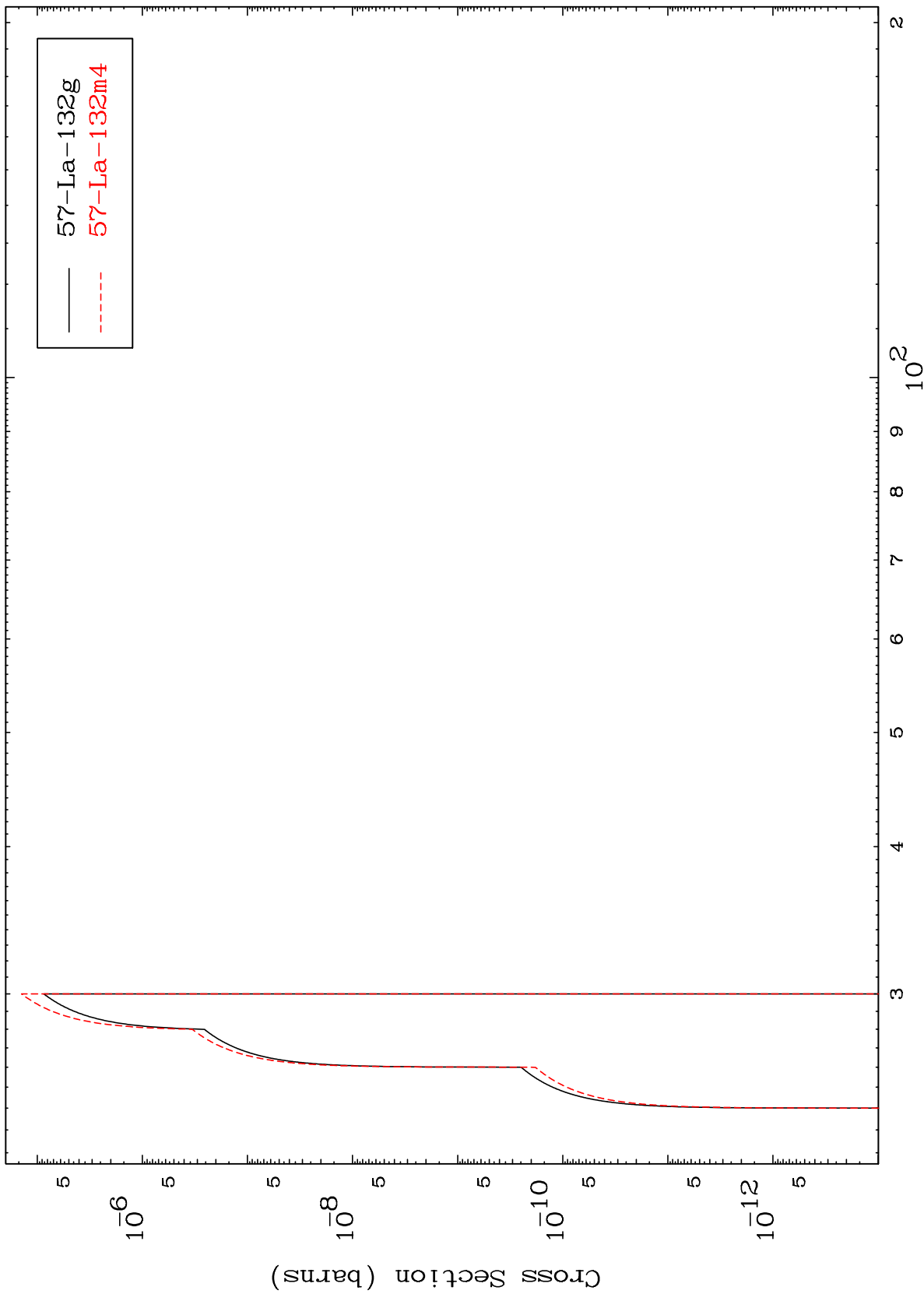
Incident Energy (MeV)

56-Ba-131m

MAT 5629

56-Ba-131m

$(n, n') d$
Radionuclide Production Cross Section



13

56-Ba-131m

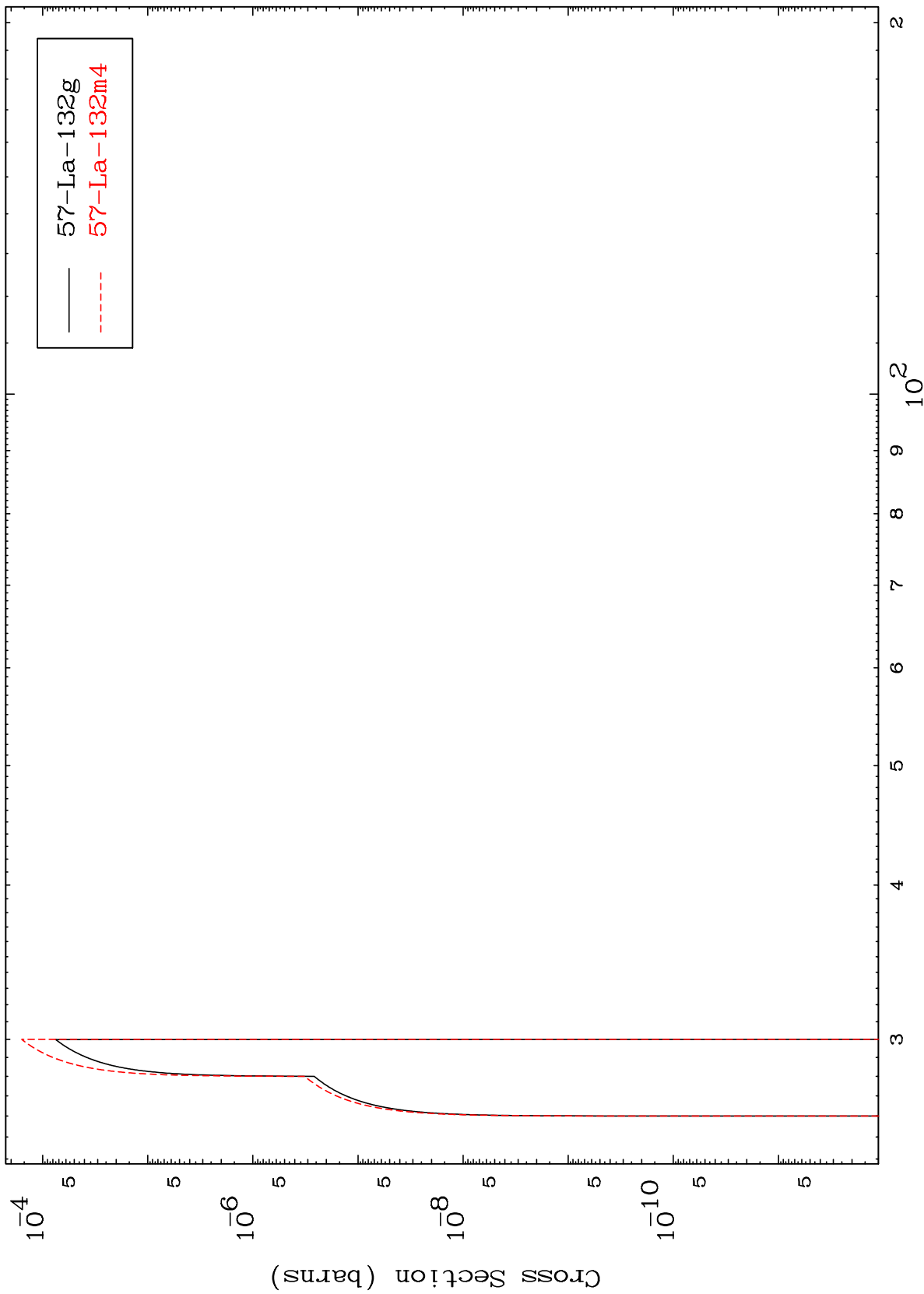
Incident Energy (MeV)

MAT 5629

(n,2n) p

56-Ba-131m

Radionuclide Production Cross Section



57-La-132g
57-La-132m4

14

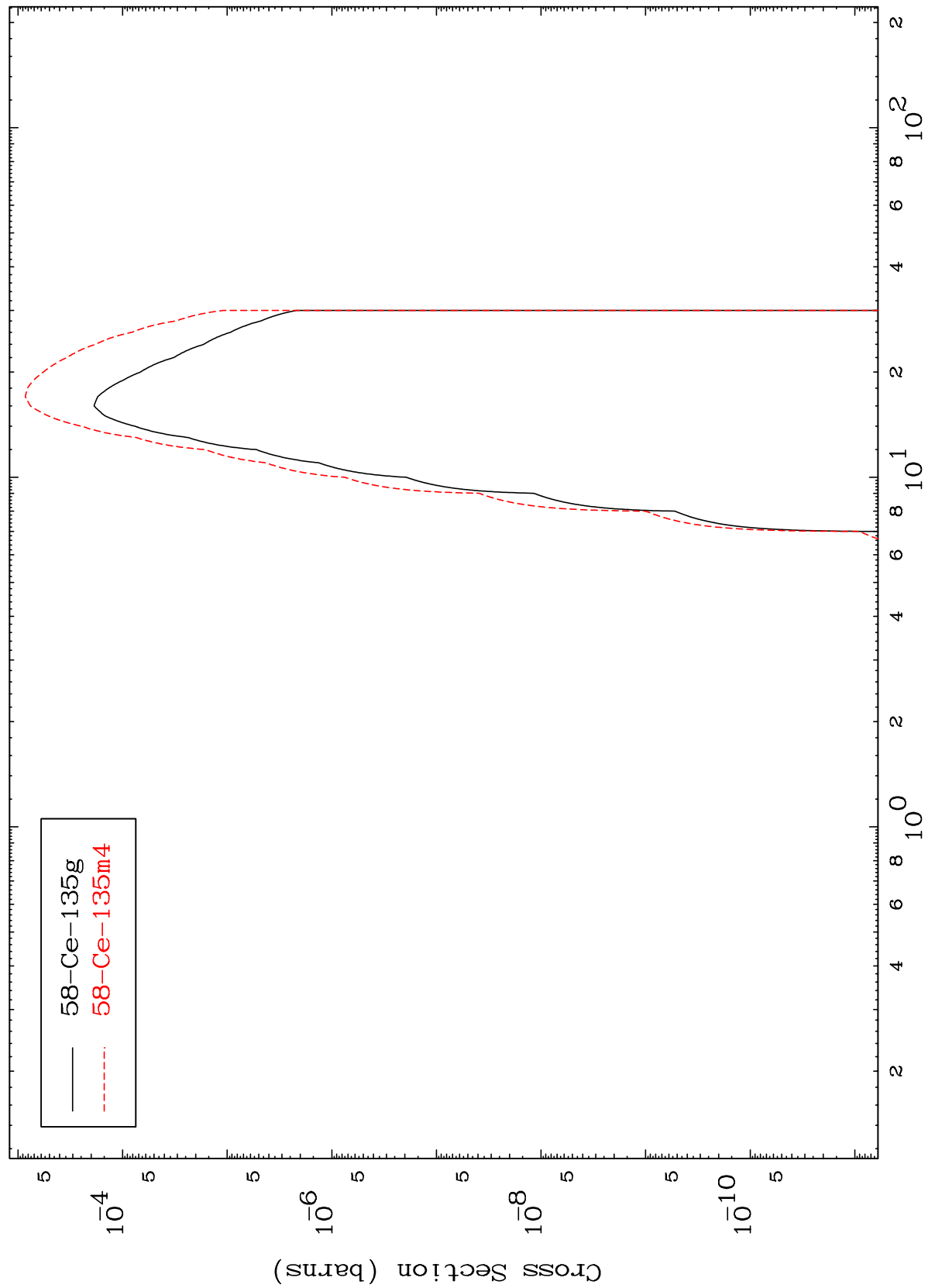
Incident Energy (MeV)

56-Ba-131m

MAT 5629

56-Ba-131m

(n, γ)
Radionuclide Production Cross Section



15

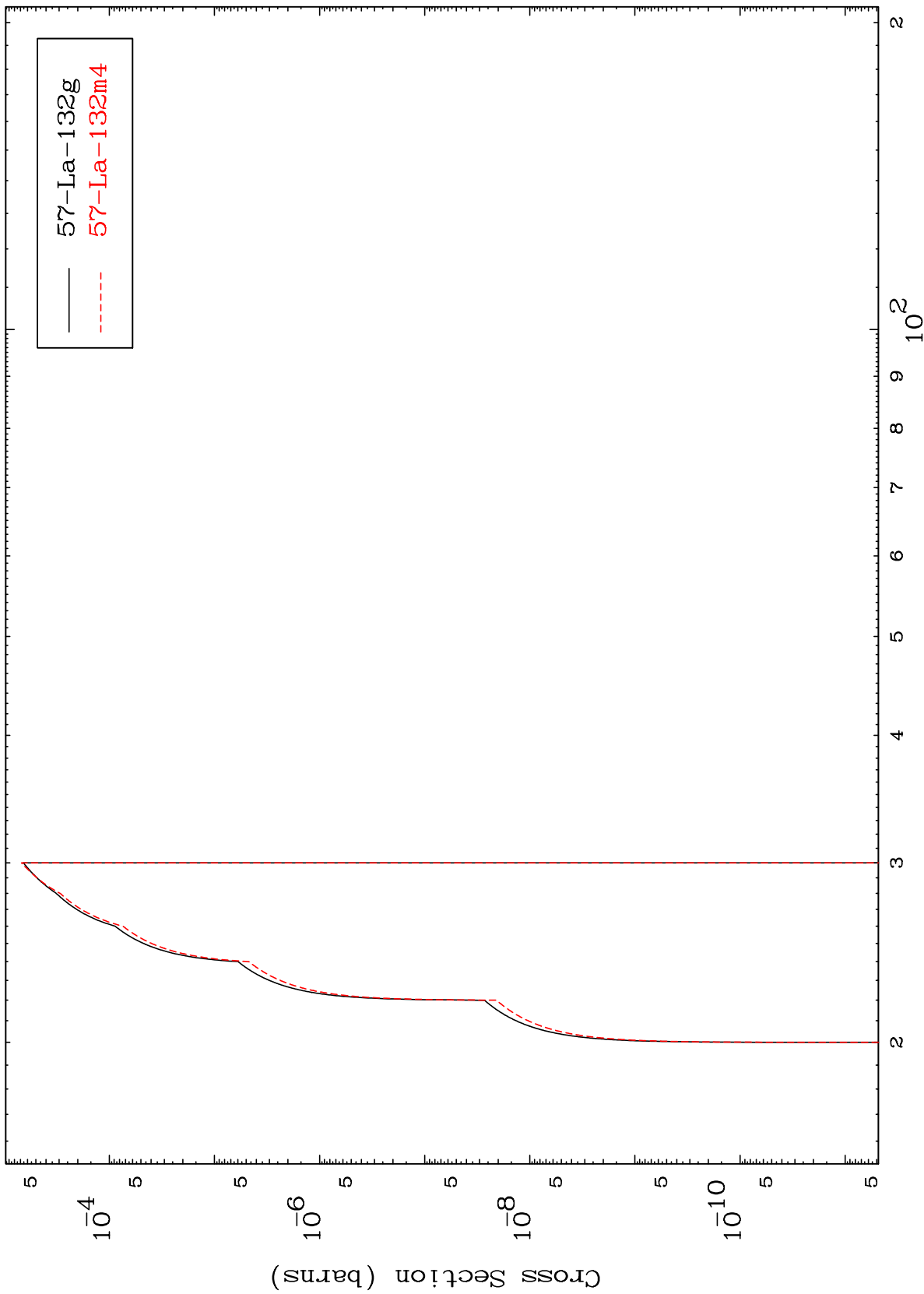
56-Ba-131m

Incident Energy (MeV)

MAT 5629

56-Ba-131m

(n,t)
Radionuclide Production Cross Section



16

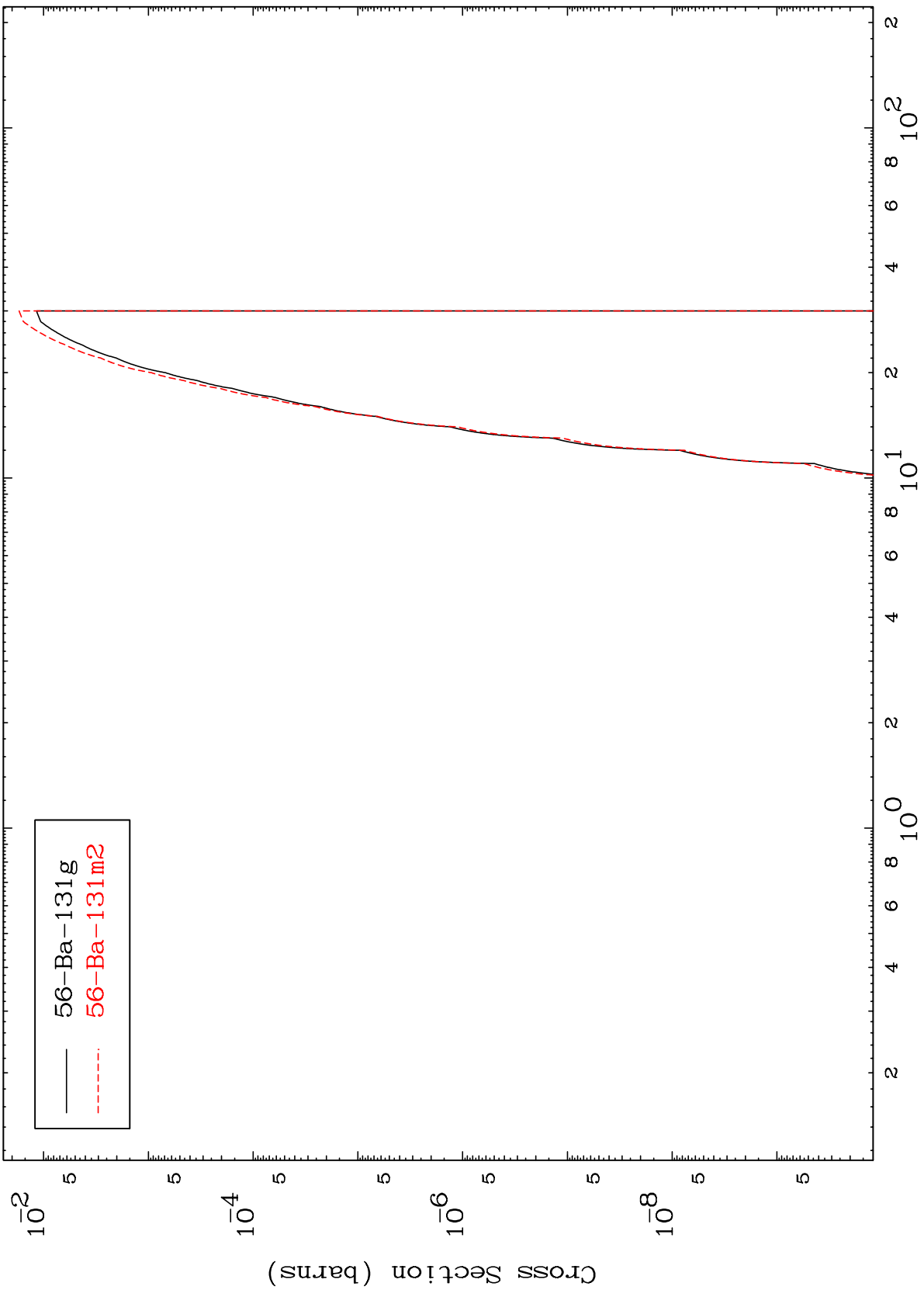
Incident Energy (MeV)

56-Ba-131m

MAT 5629

56-Ba-131m

Radionuclide Production Cross Section
(n, α)



56-Ba-131m

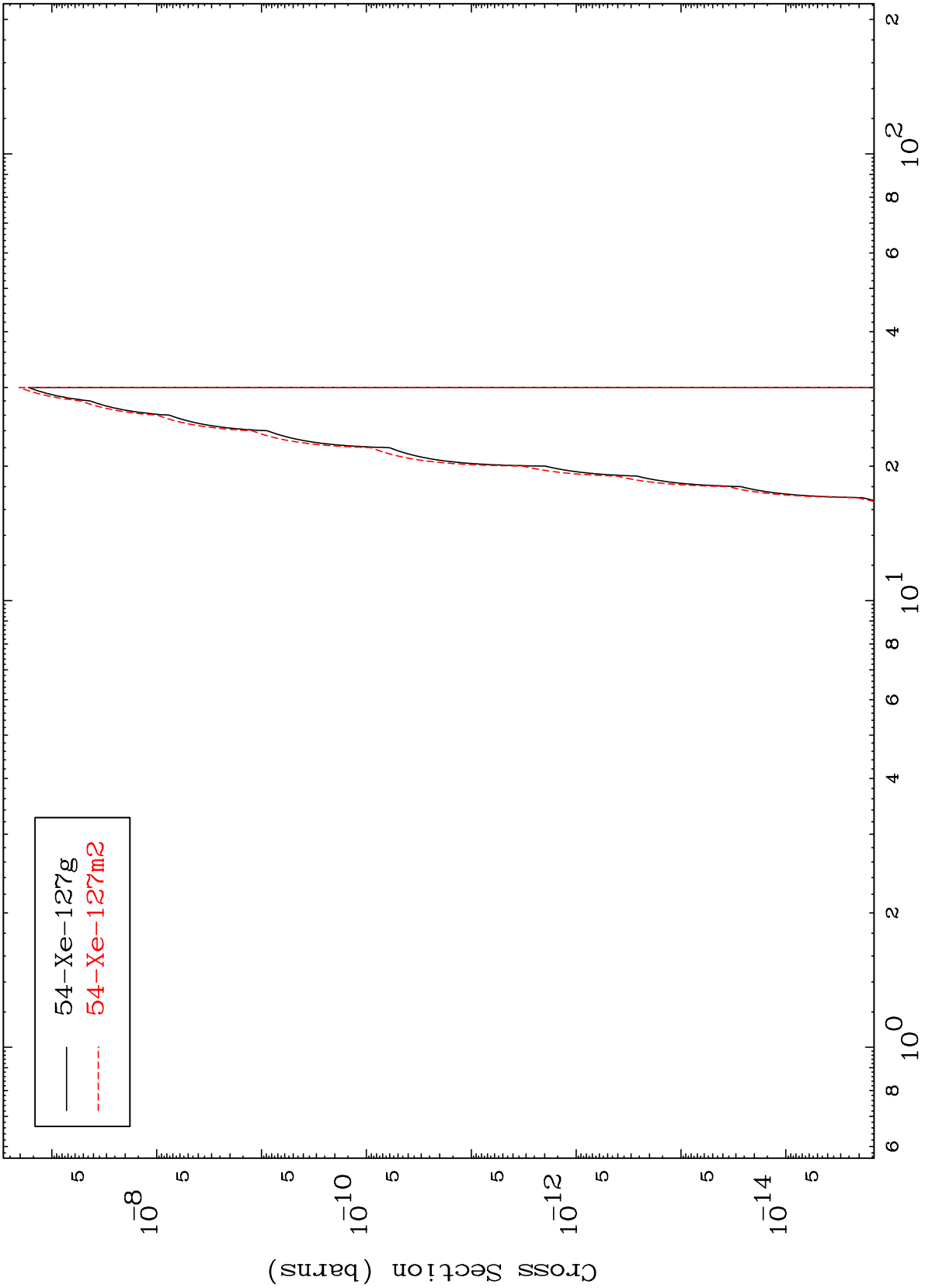
Incident Energy (MeV)

MAT 5629

(n,2α)

56-Ba-131m

Radionuclide Production Cross Section



54-Xe-127g
54-Xe-127m2

18

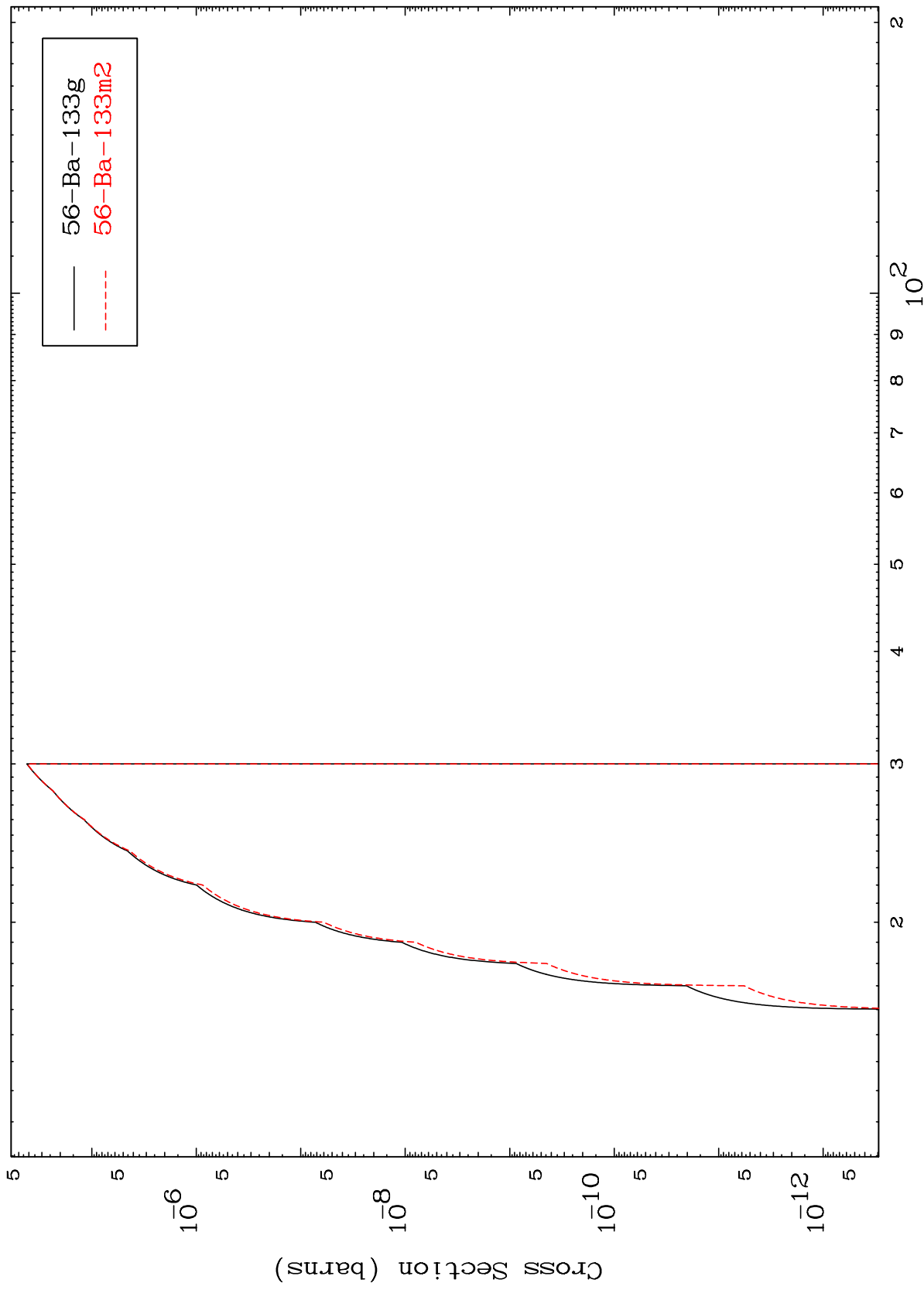
Incident Energy (MeV)

56-Ba-131m

MAT 5629

56-Ba-131m

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

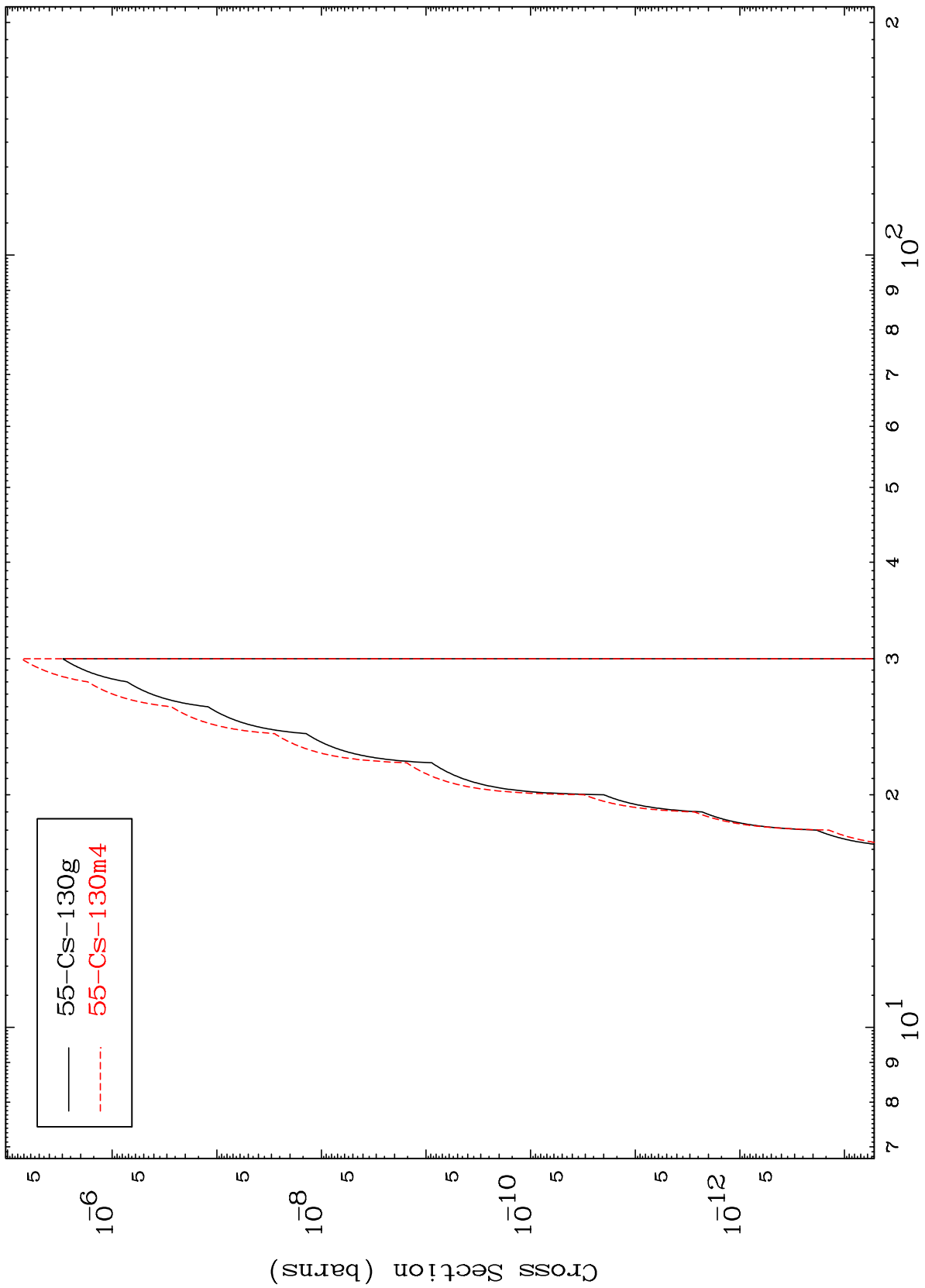
56-Ba-131m

MAT 5629

(n,p) α

56-Ba-131m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

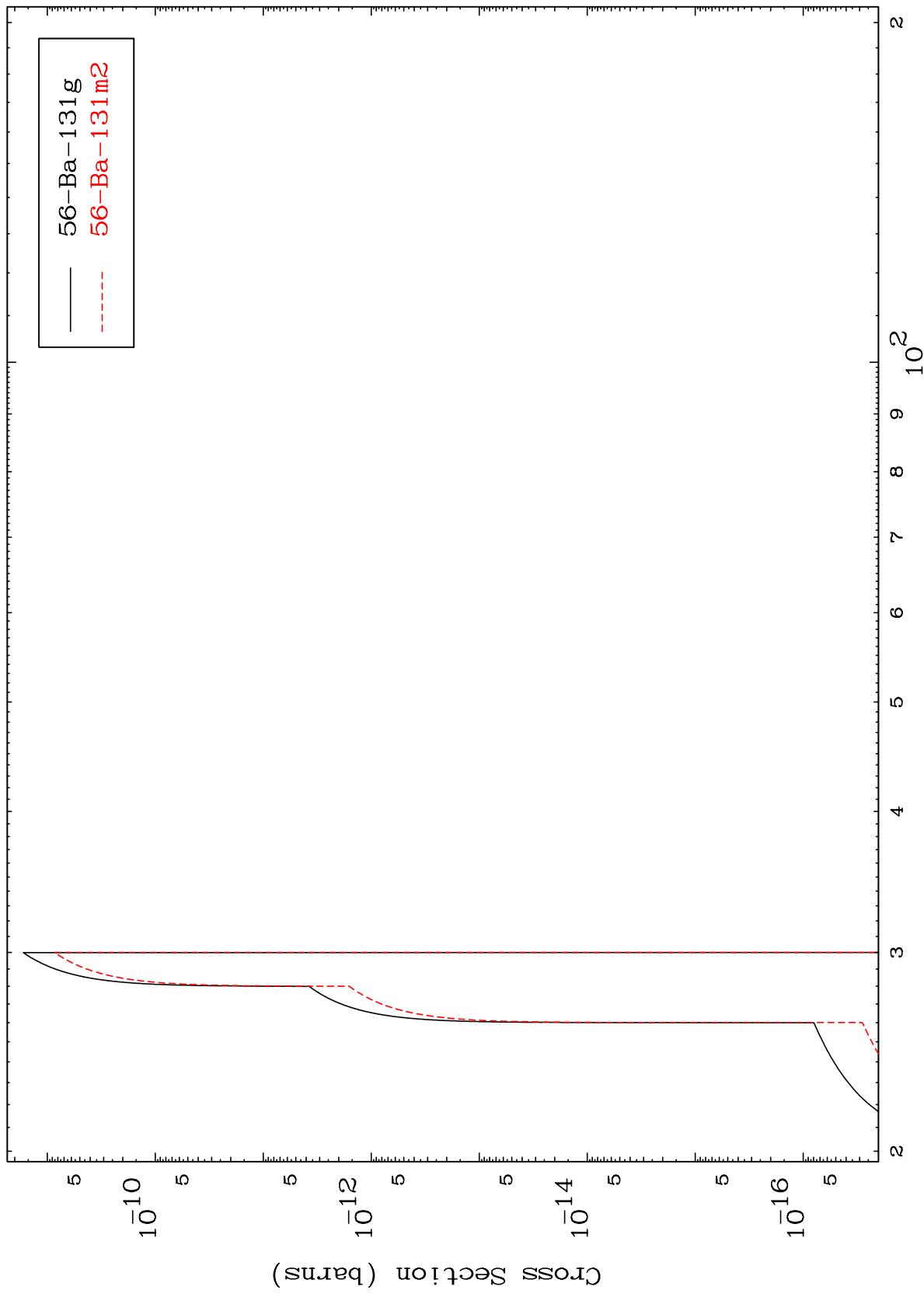
56-Ba-131m

MAT 5629

(n,p) t

56-Ba-131m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

56-Ba-131m