

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

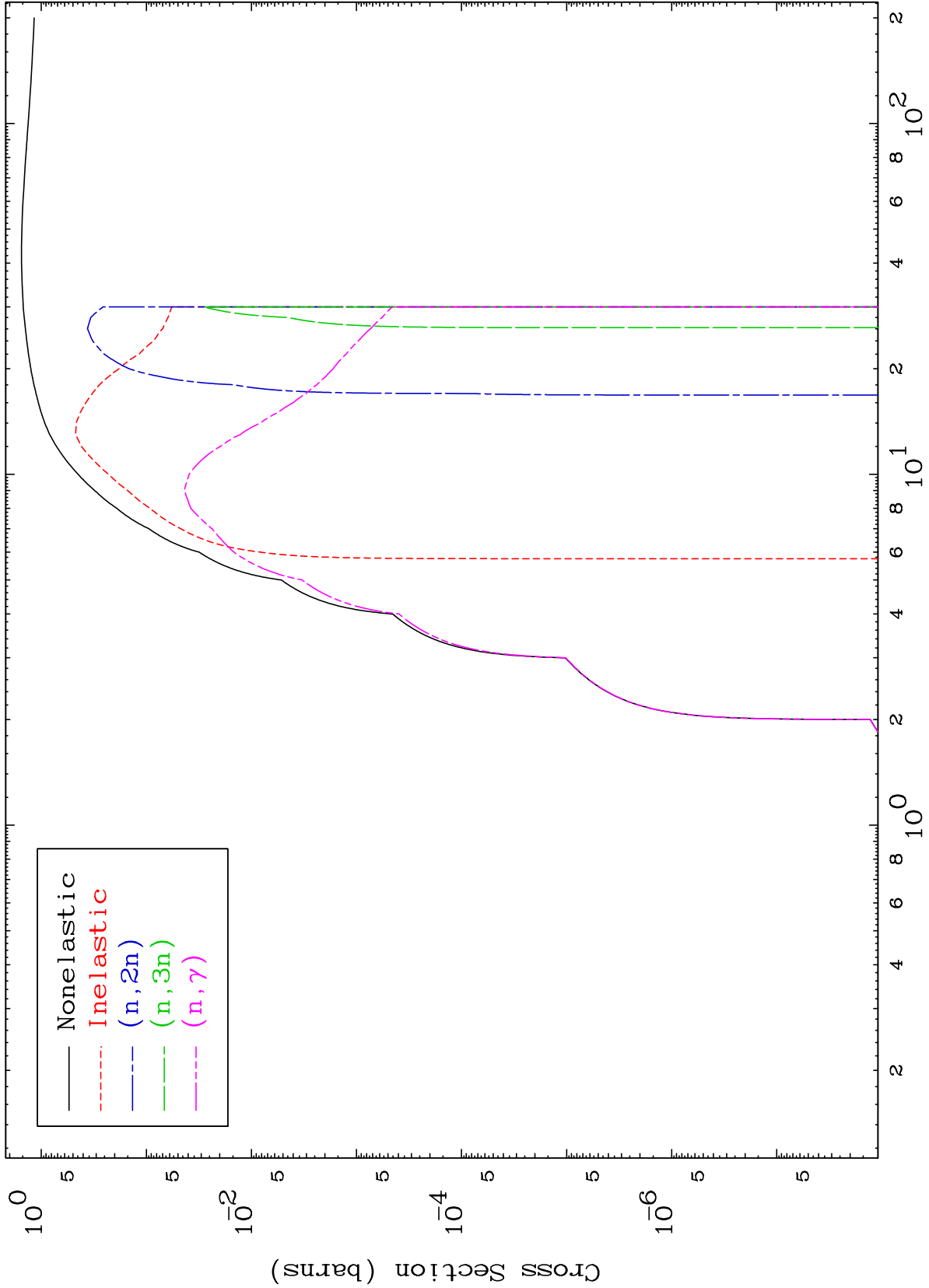
Press Mouse Button to Start

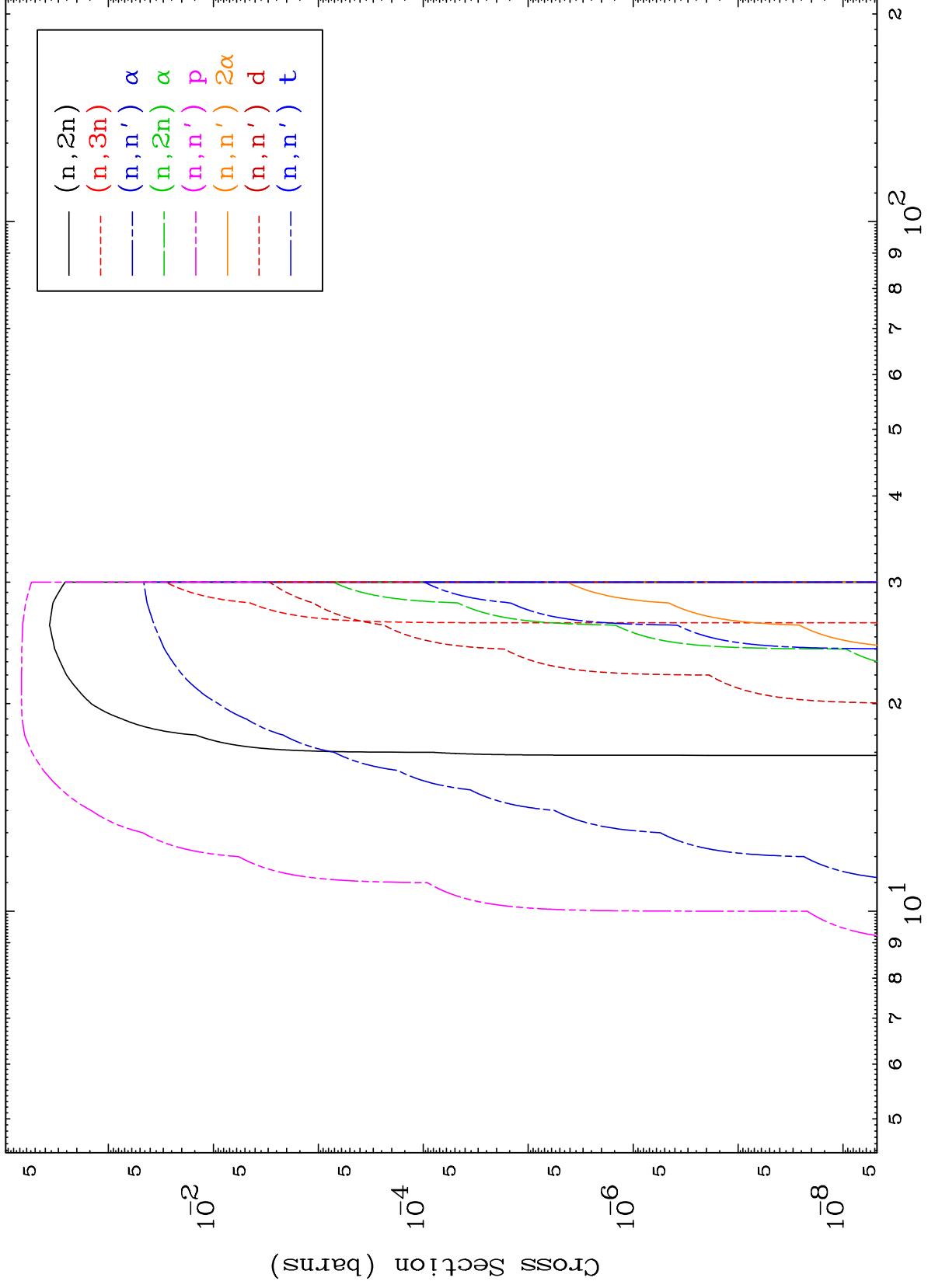
MAT 5616

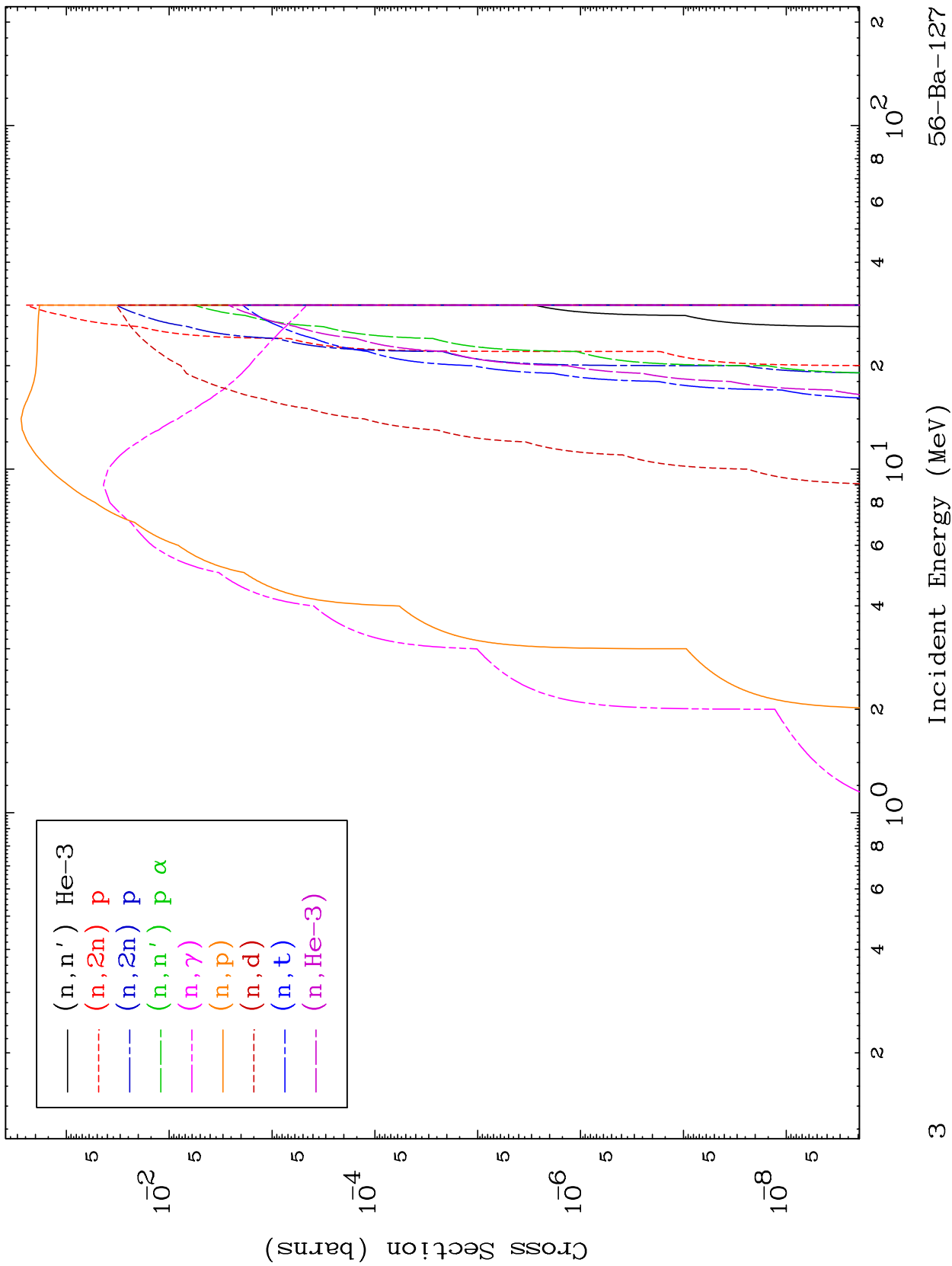
Proton Major

56-Ba-127

0 Kelvin Cross Sections



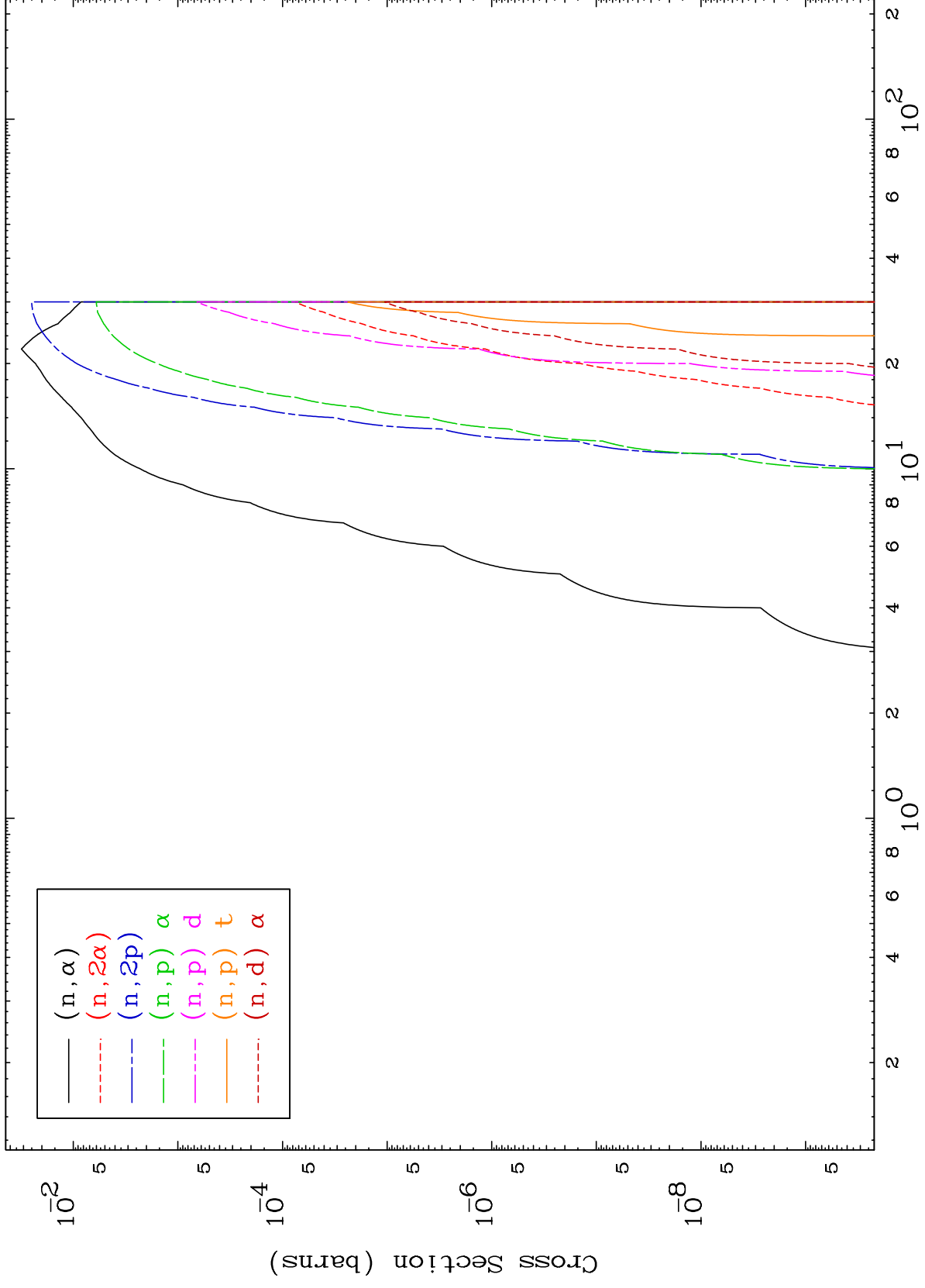




MAT 5616

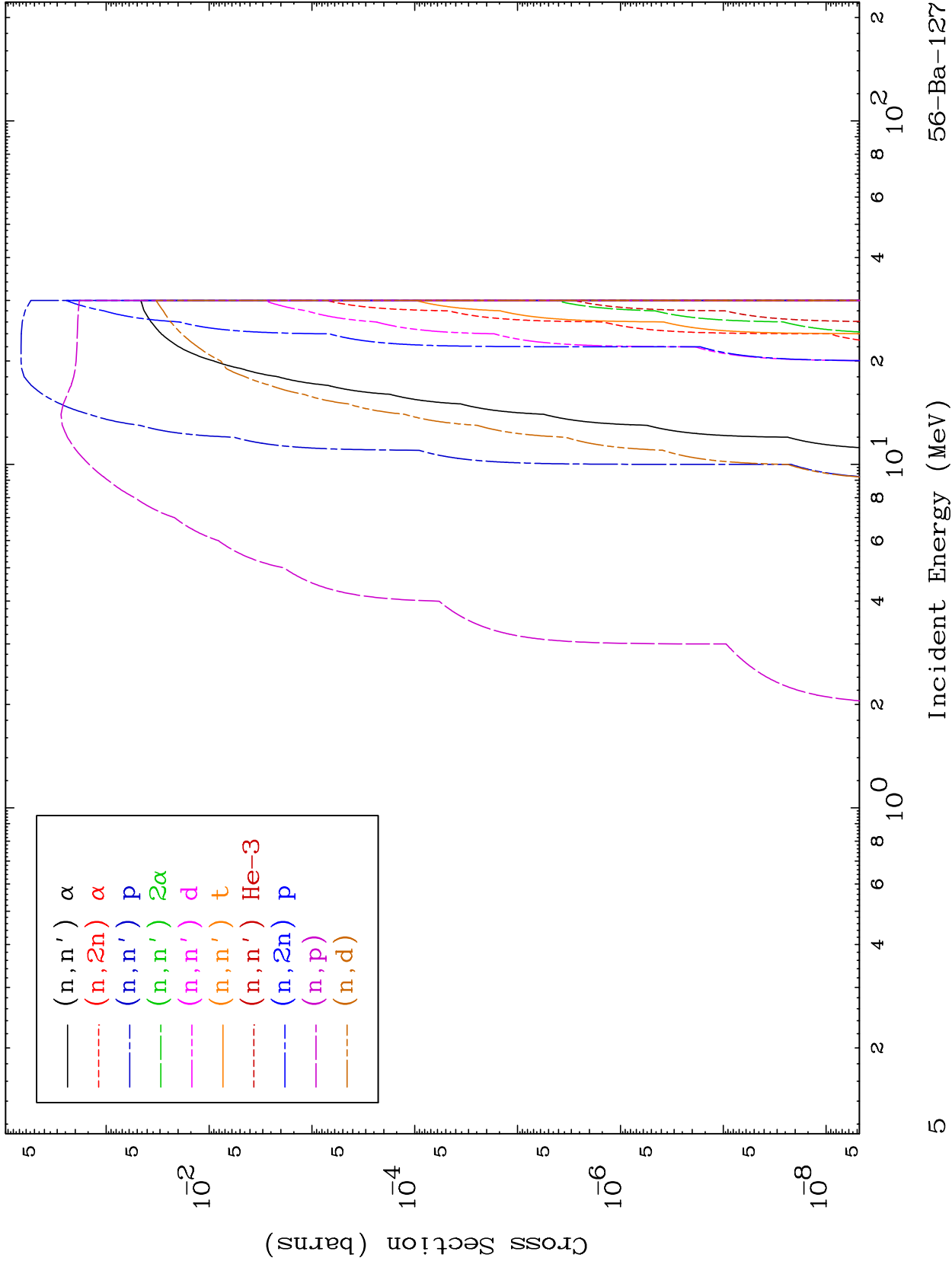
Proton Neutron Absorption
0 Kelvin Cross Sections

56-Ba-127



56-Ba-127

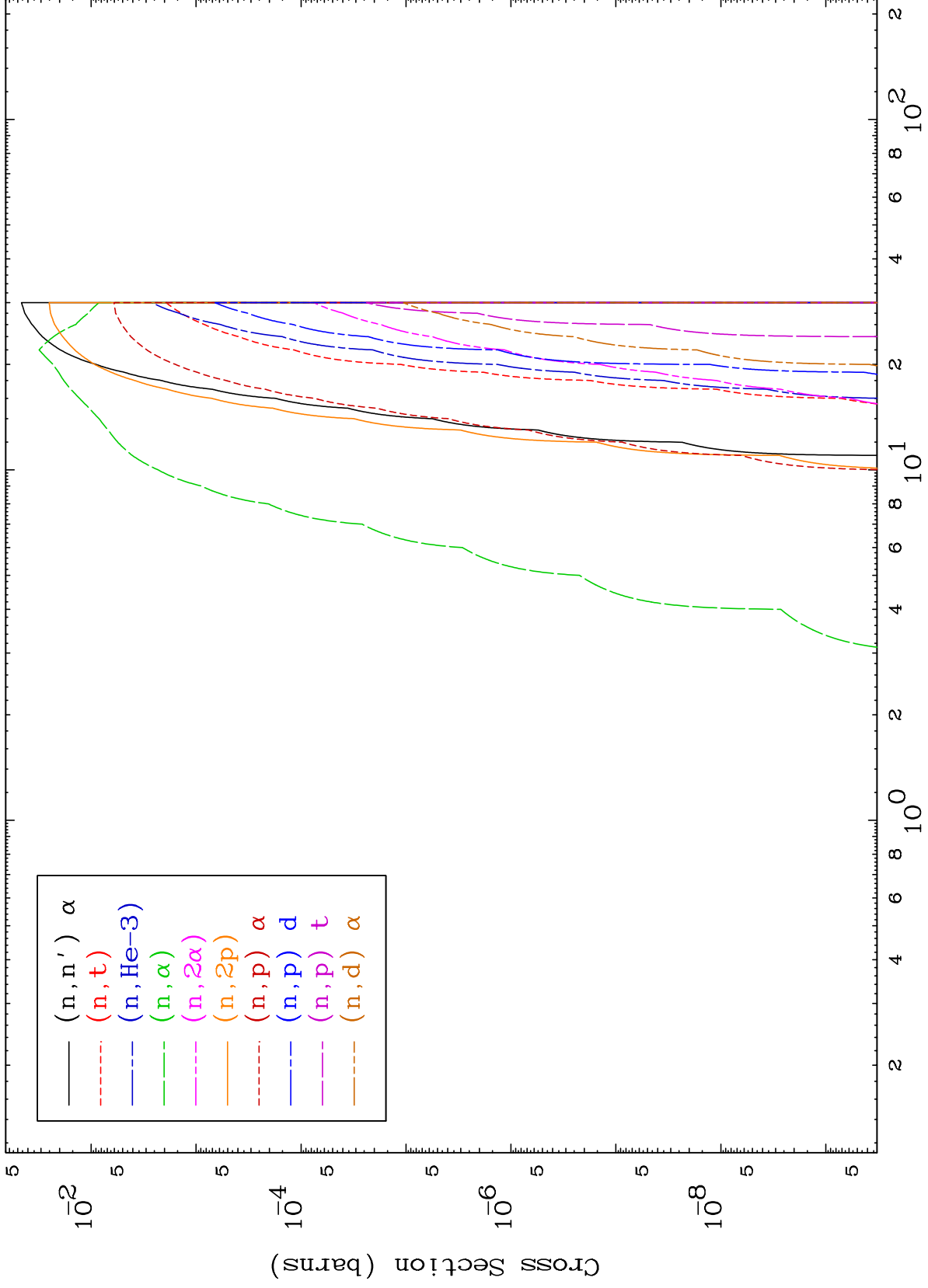
Incident Energy (MeV)



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Proton Charged Particle
0 Kelvin Cross Sections

56-Ba-127

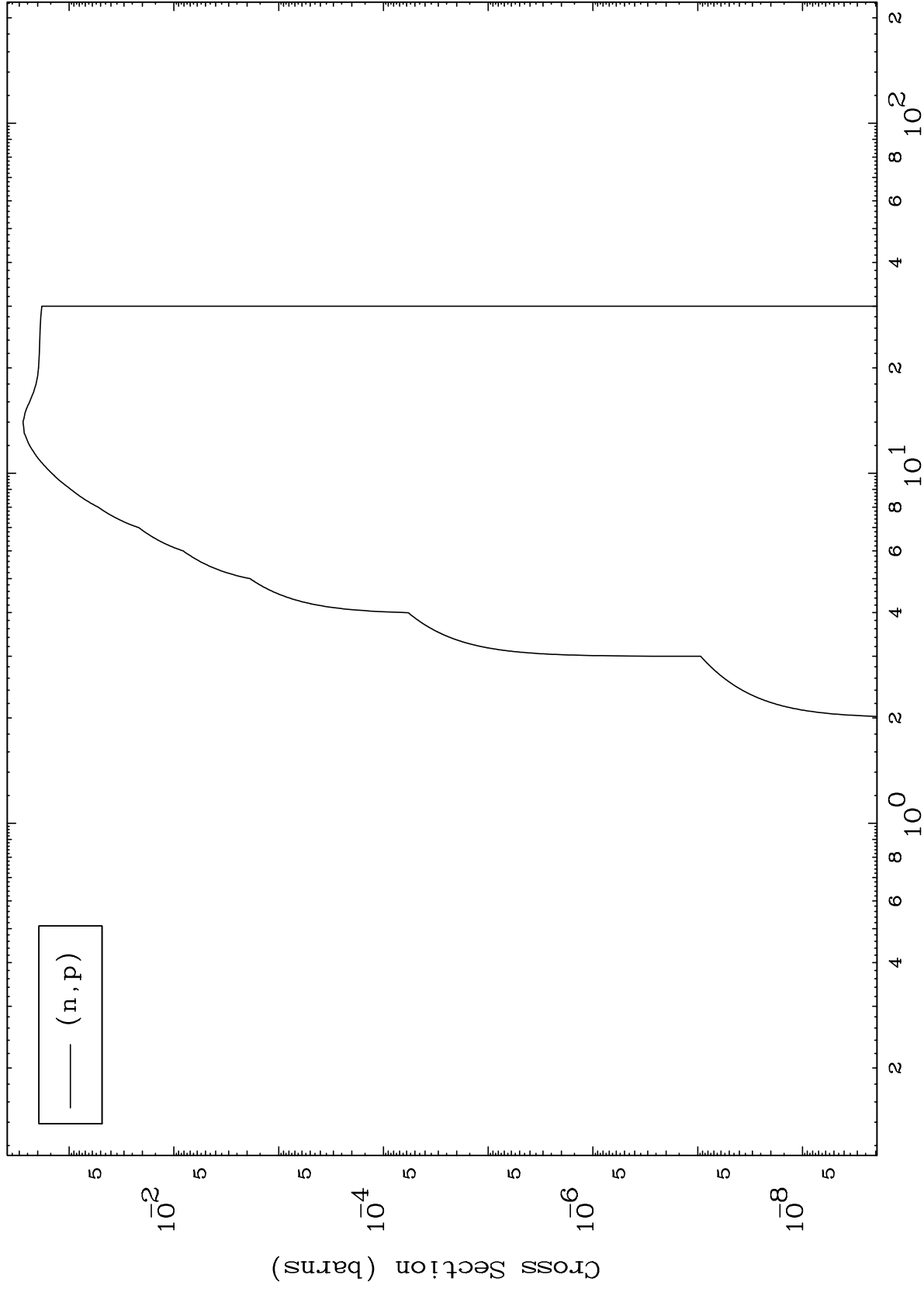


MAT 5616

(p,p) Levels

56-Ba-127

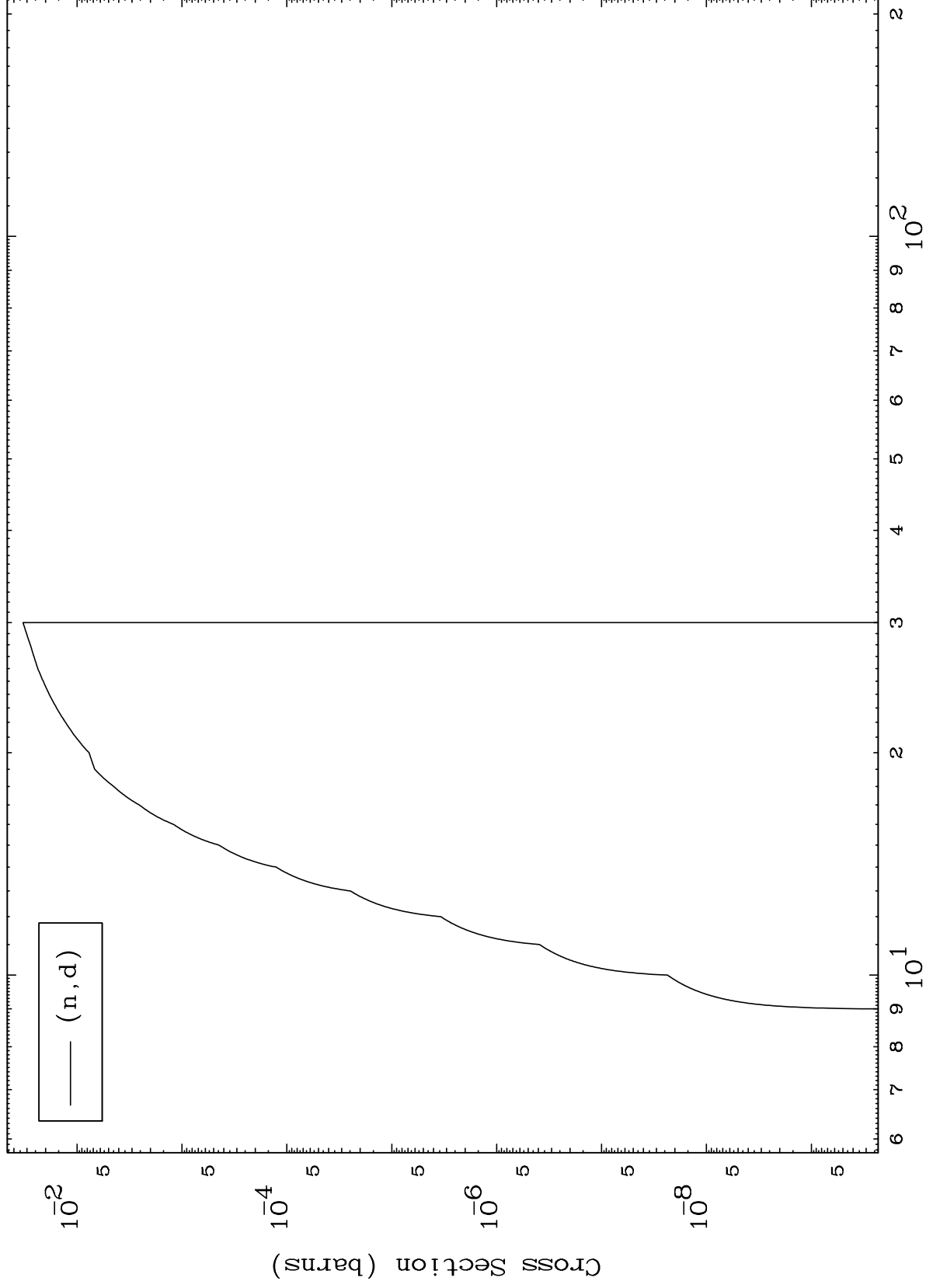
0 Kelvin Cross Sections



MAT 5616

(p,d) Levels
0 Kelvin Cross Sections

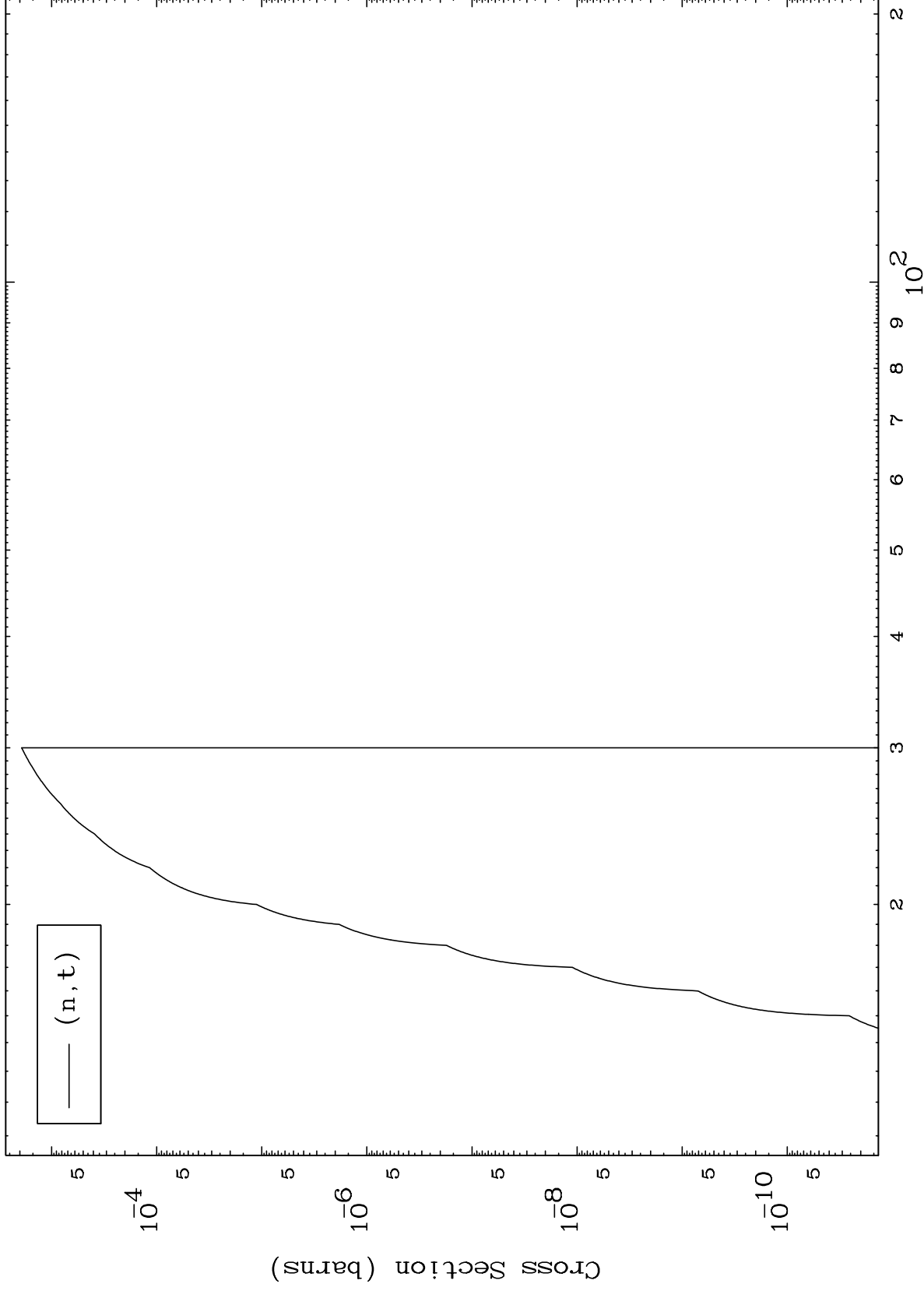
56-Ba-127



MAT 5616

(p,t) Levels
0 Kelvin Cross Sections

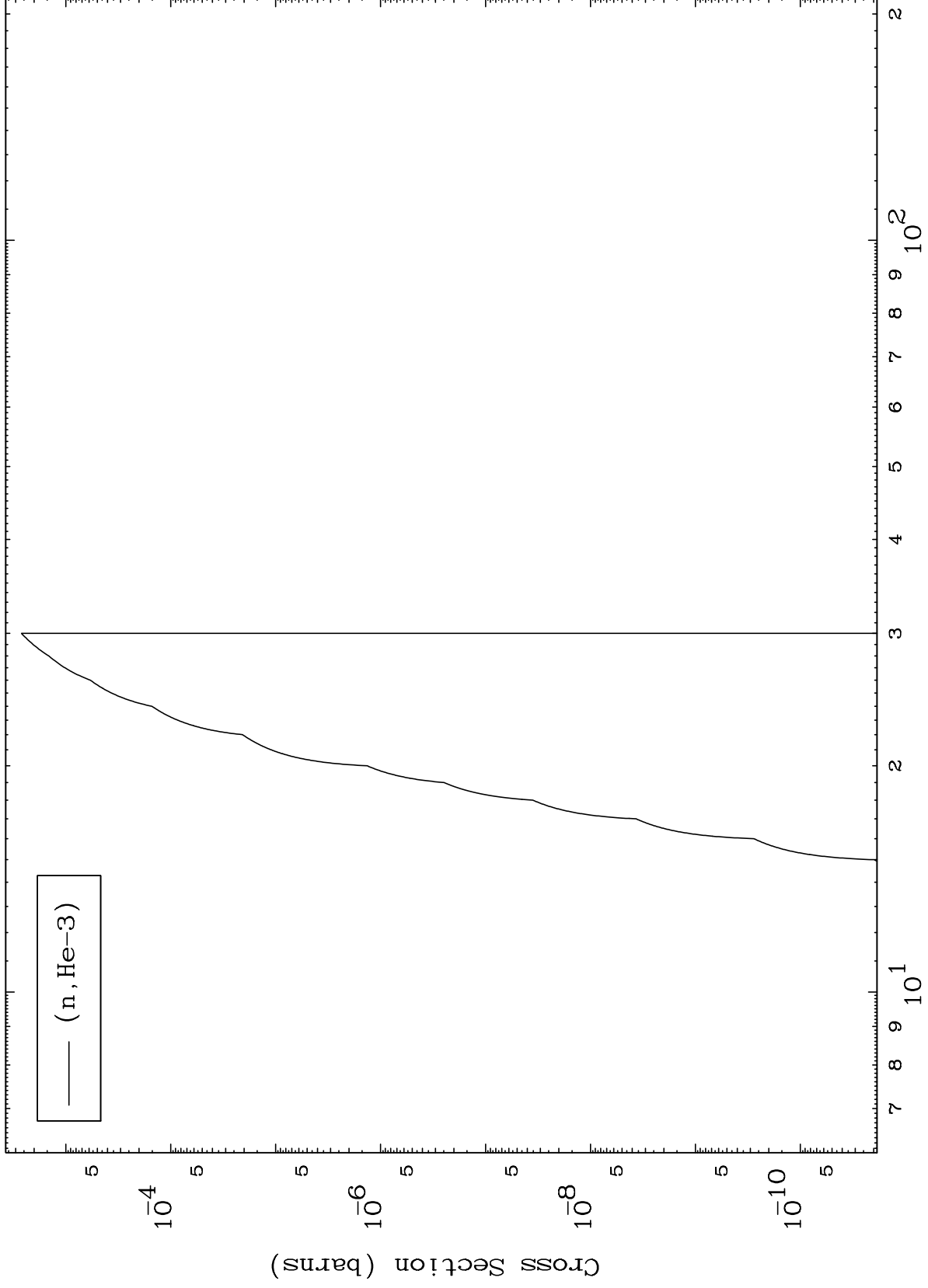
56-Ba-127



MAT 5616

(p,He3) Levels
0 Kelvin Cross Sections

56-Ba-127



10

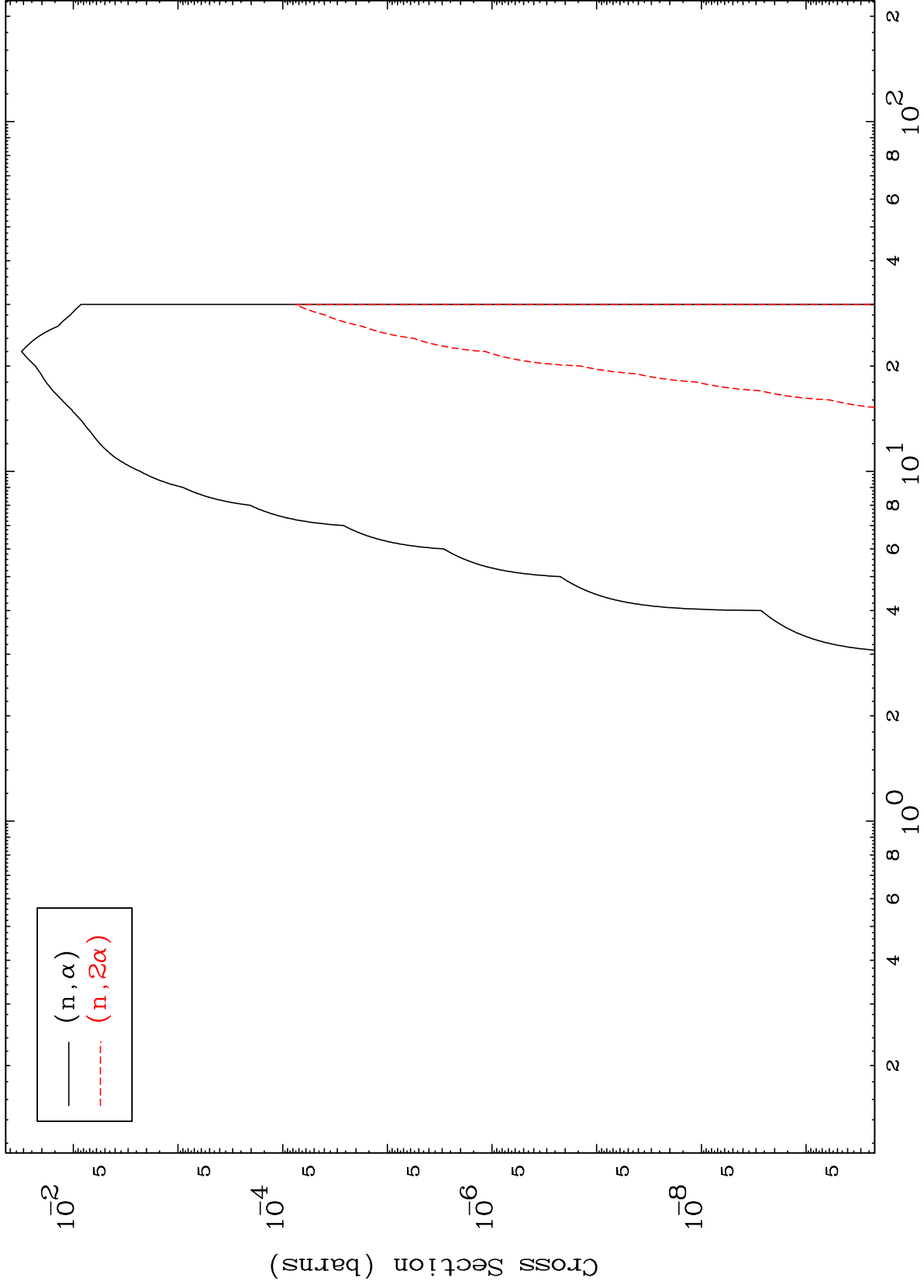
Incident Energy (MeV)

56-Ba-127

MAT 5616

(p, α) Levels
0 Kelvin Cross Sections

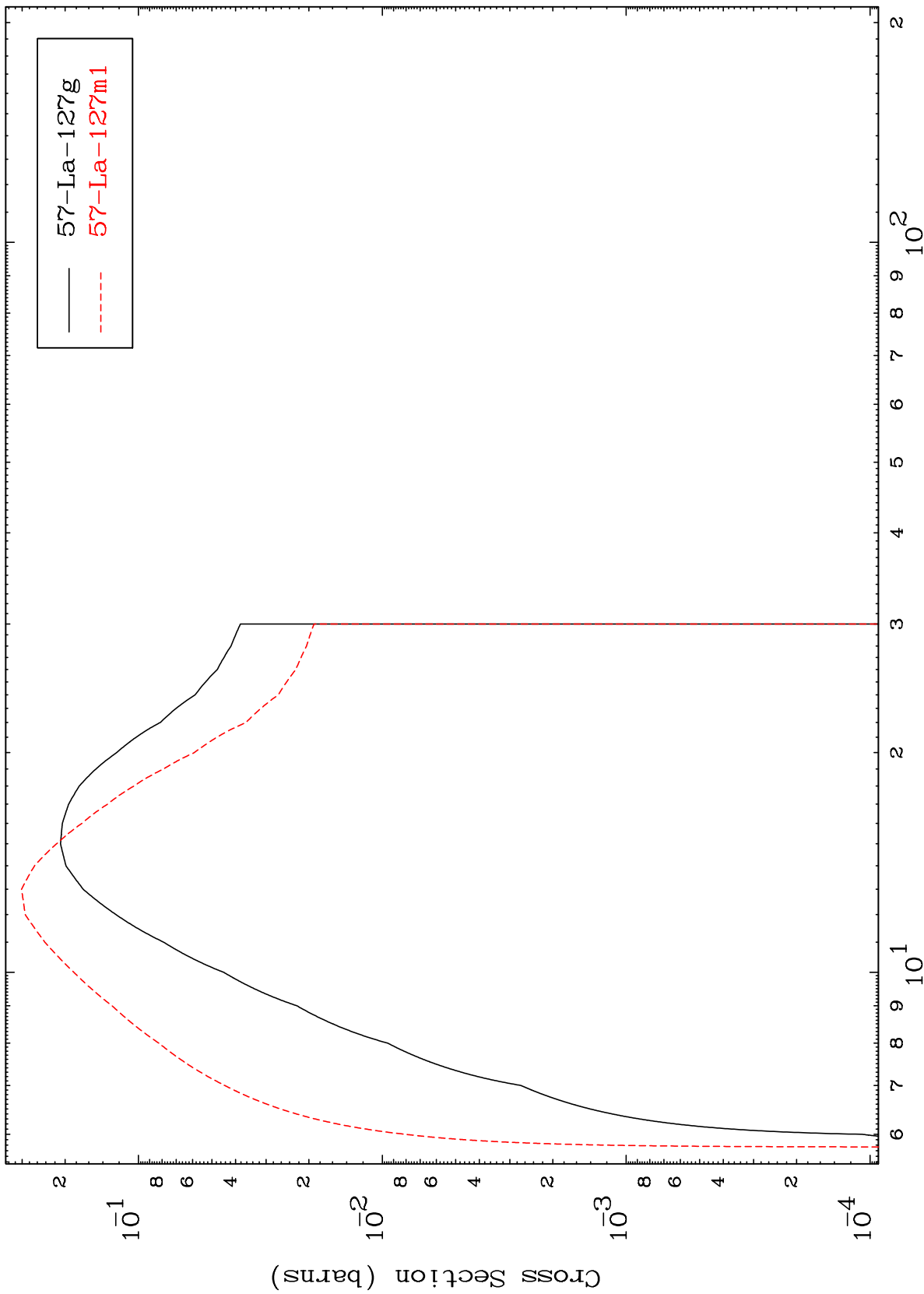
56-Ba-127



MAT 5616

56-Ba-127

Inelastic
Radionuclide Production Cross Section



56-Ba-127

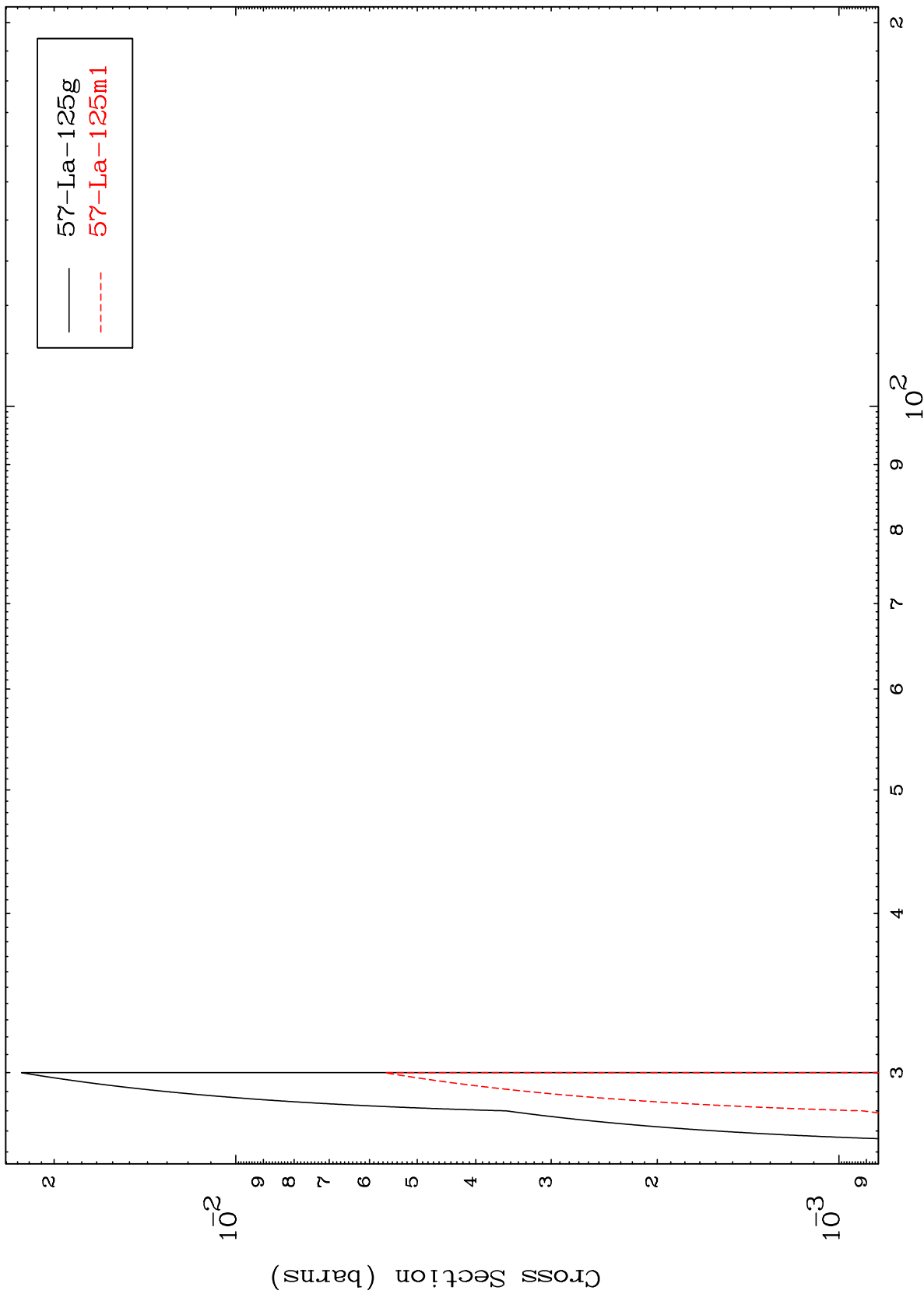
Incident Energy (MeV)

12

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56-Ba-127

(n,3n)
Radionuclide Production Cross Section



13

56-Ba-127

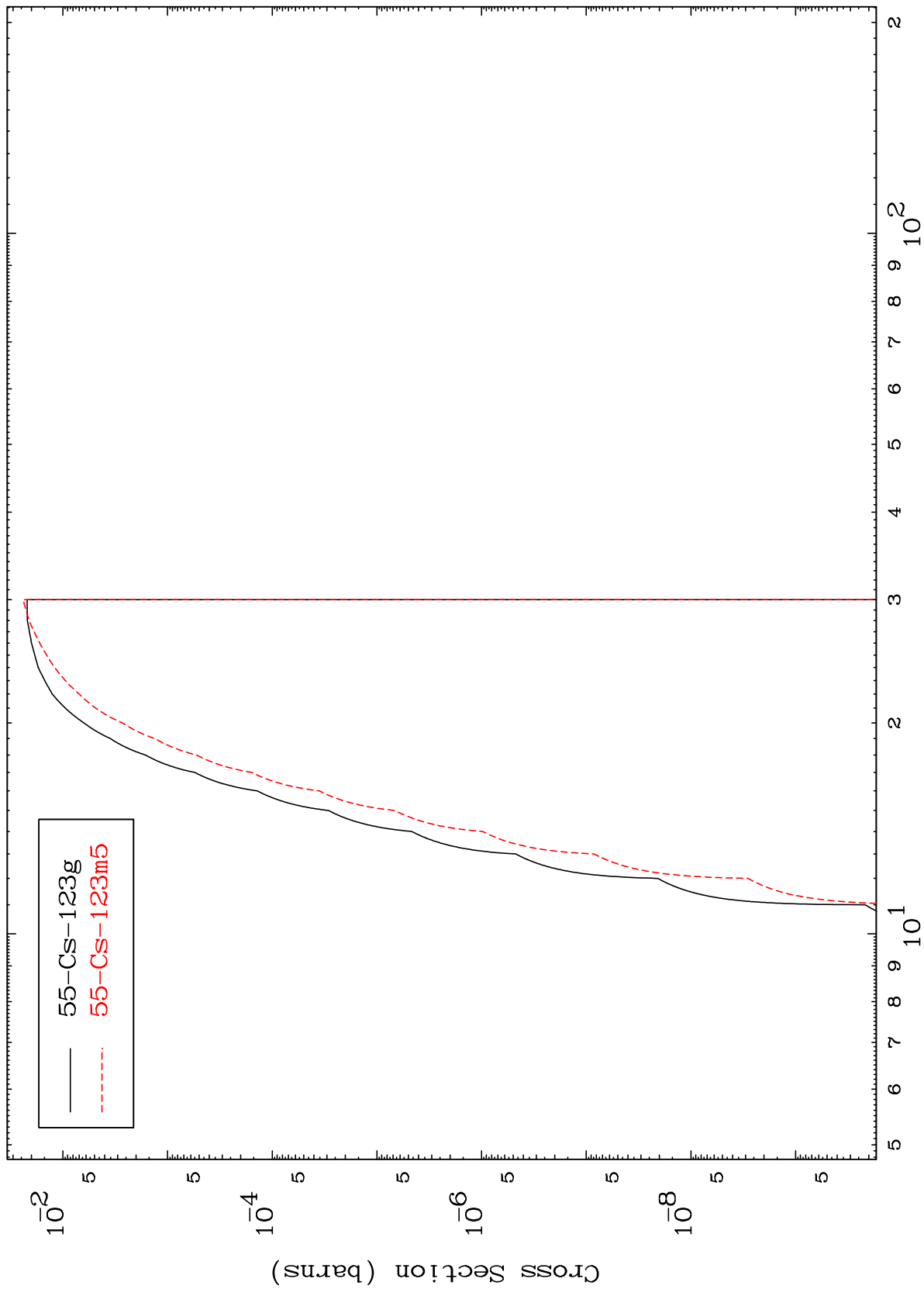
Incident Energy (MeV)

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$(n, n') \alpha$

56-Ba-127

Radionuclide Production Cross Section



Incident Energy (MeV)

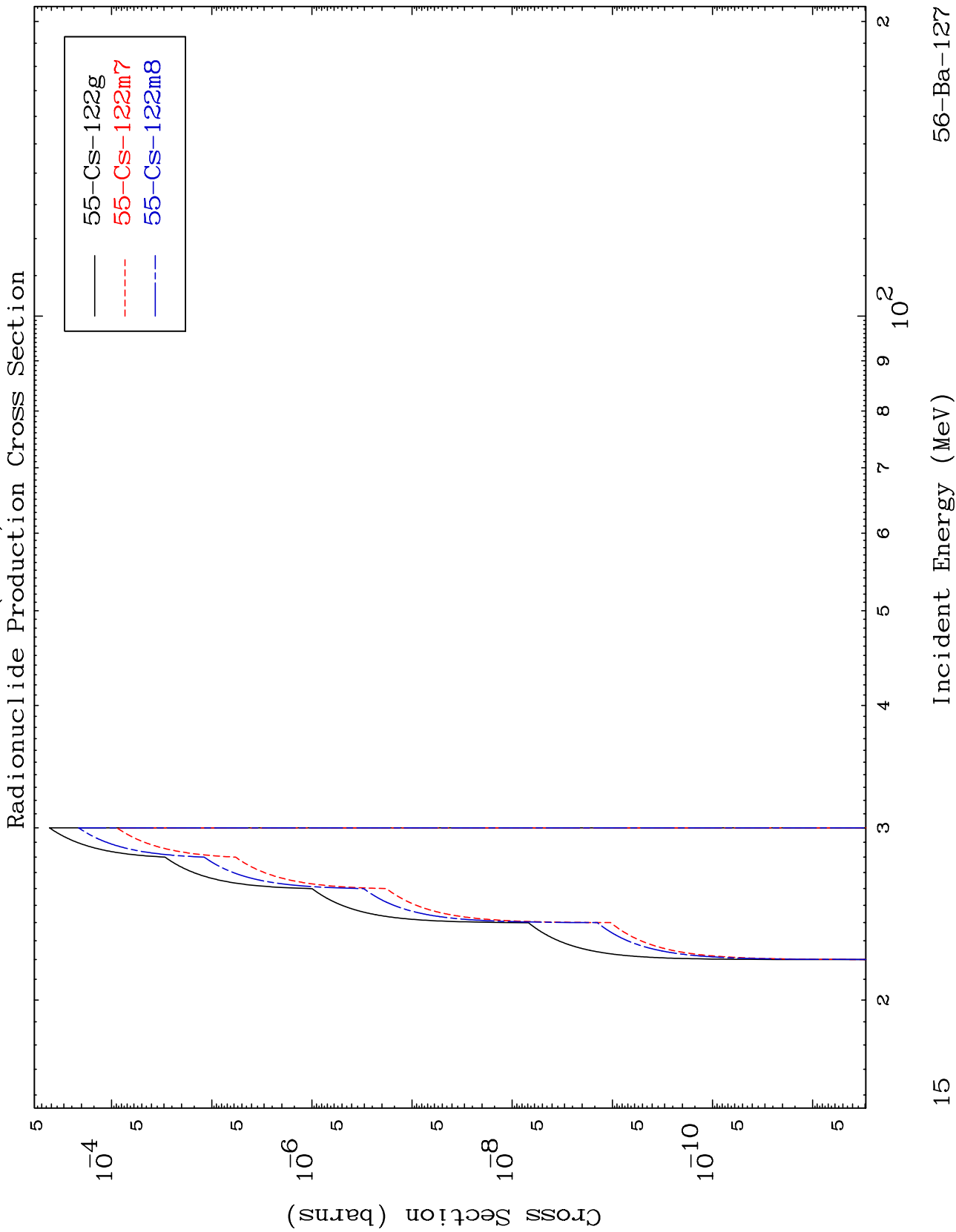
56-Ba-127

14

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(n,2n) α

56-Ba-127



15

Incident Energy (MeV)

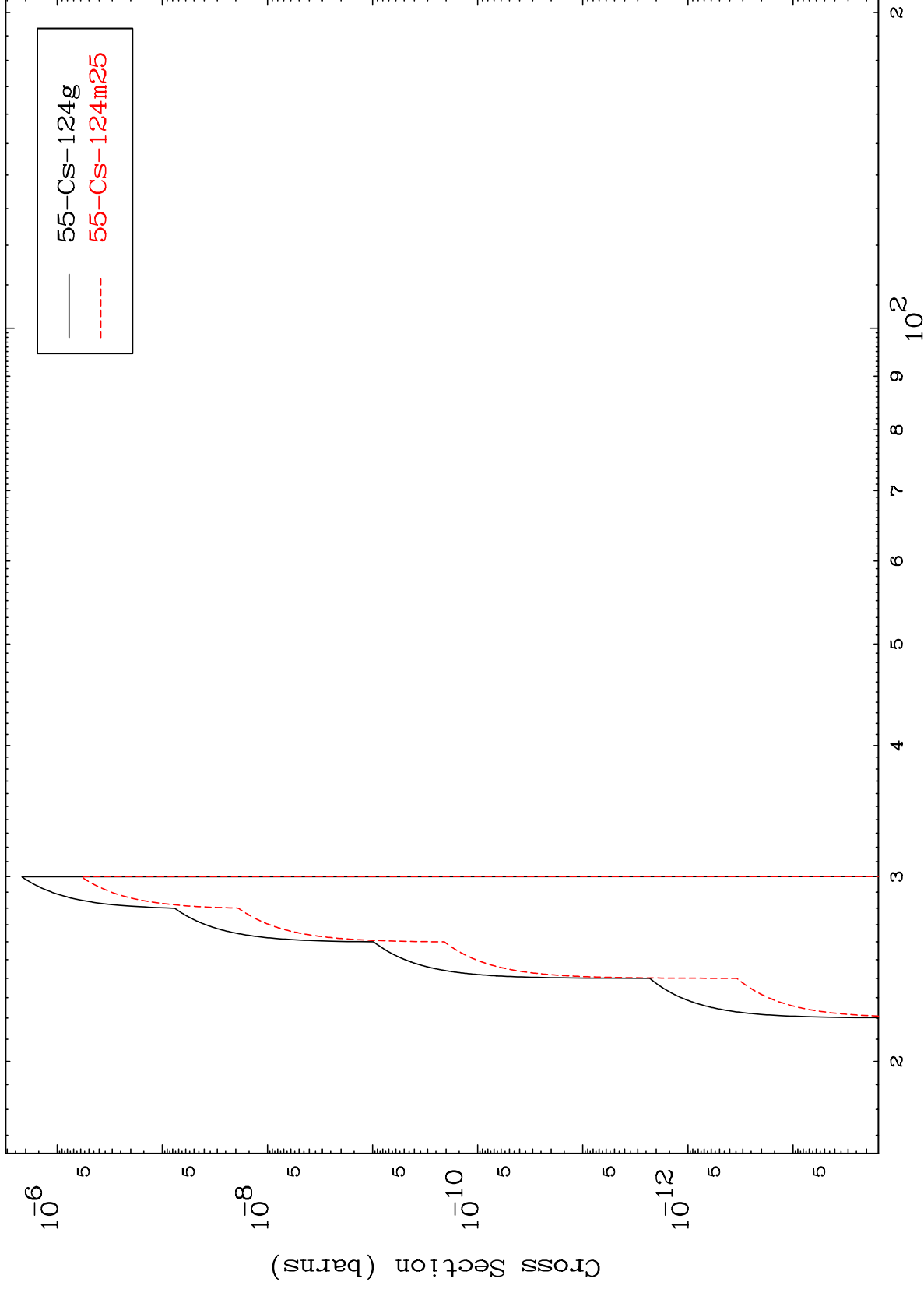
56-Ba-127

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(n,n') He-3

56-Ba-127

Radionuclide Production Cross Section



16

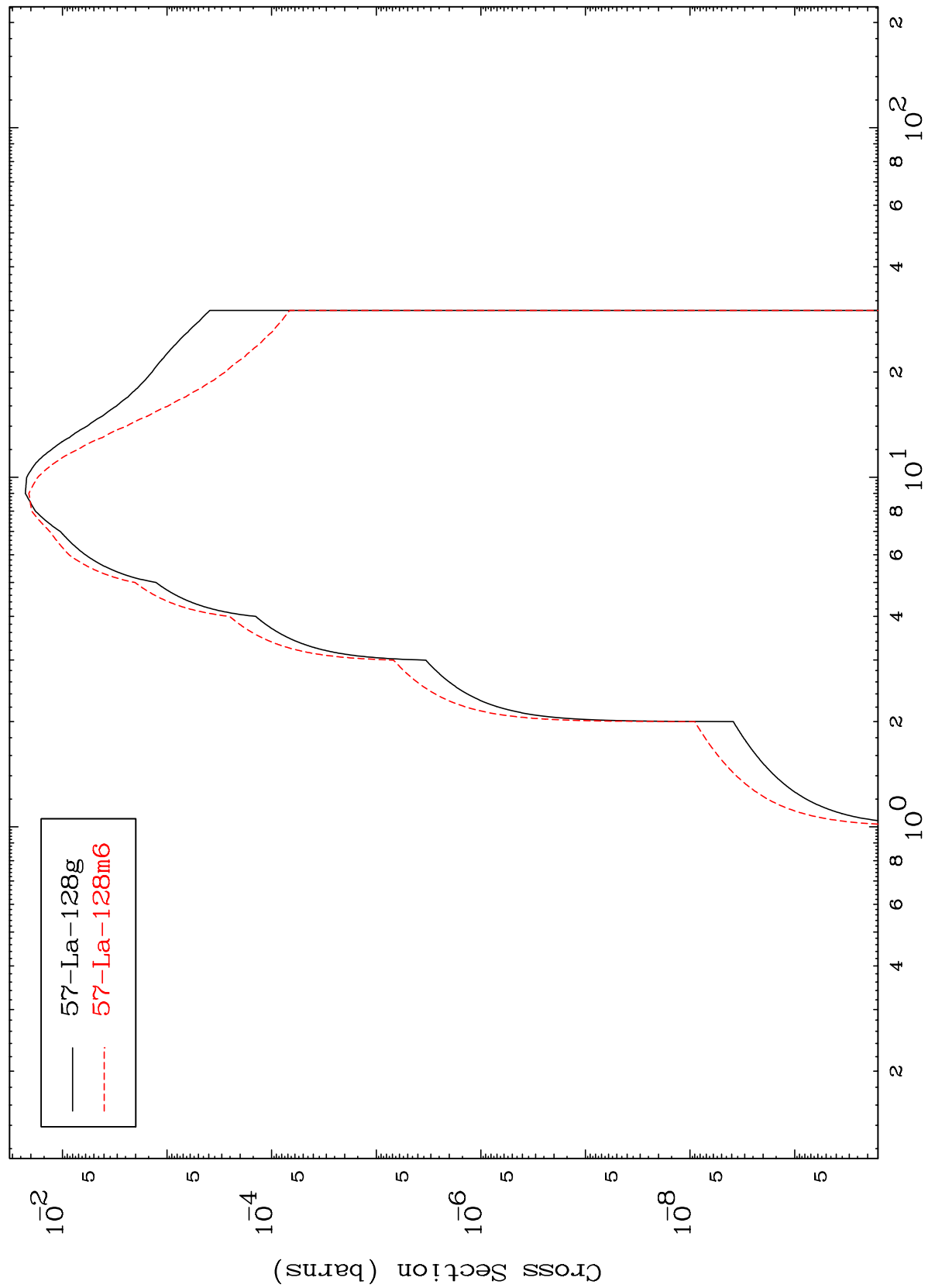
Incident Energy (MeV)

56-Ba-127

MAT 5616

56-Ba-127

(n, γ)
Radionuclide Production Cross Section



— 57-La-128g
- - - 57-La-128m6

56-Ba-127

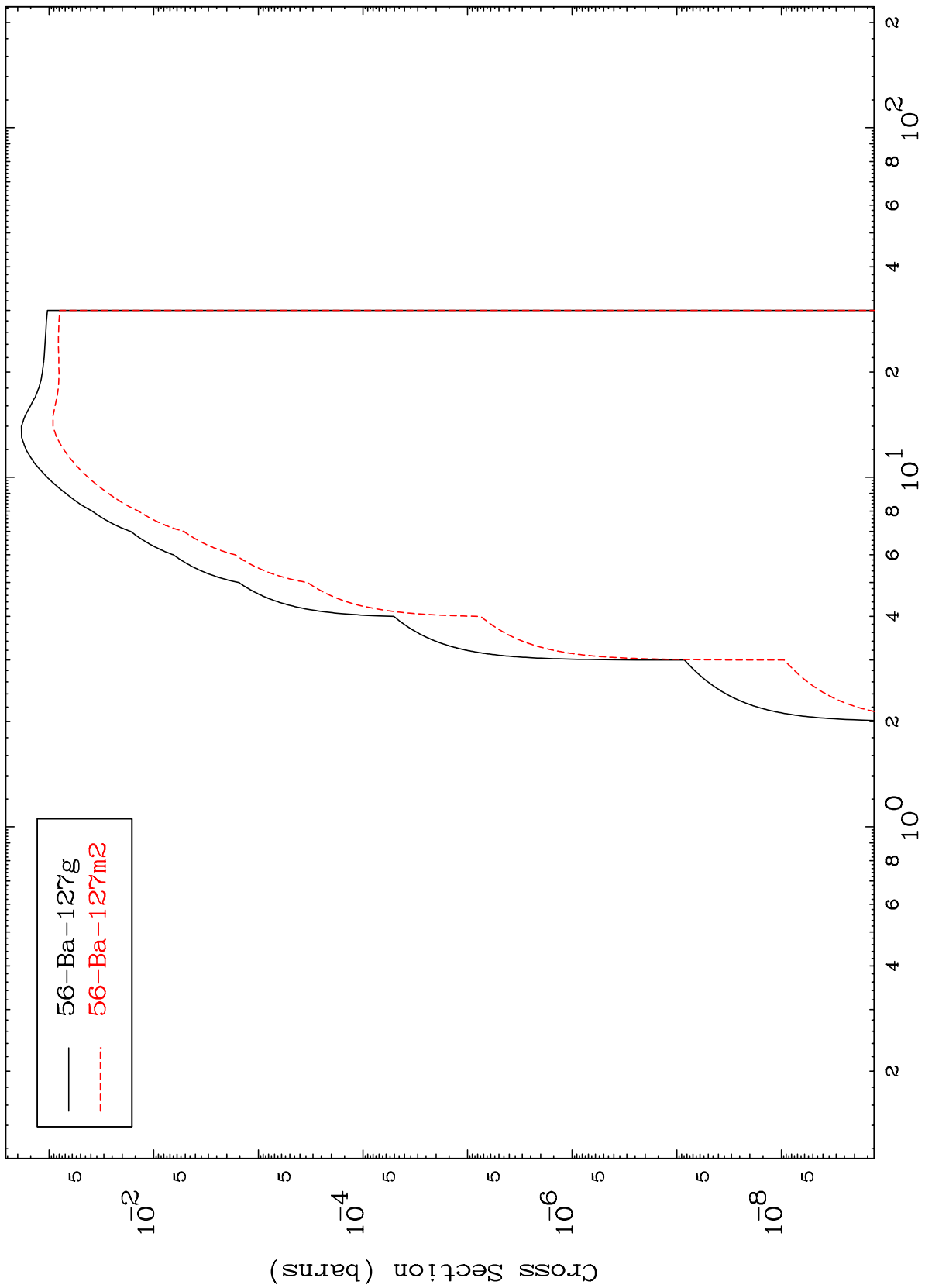
Incident Energy (MeV)

17

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56-Ba-127

(n,p)
Radionuclide Production Cross Section



56-Ba-127

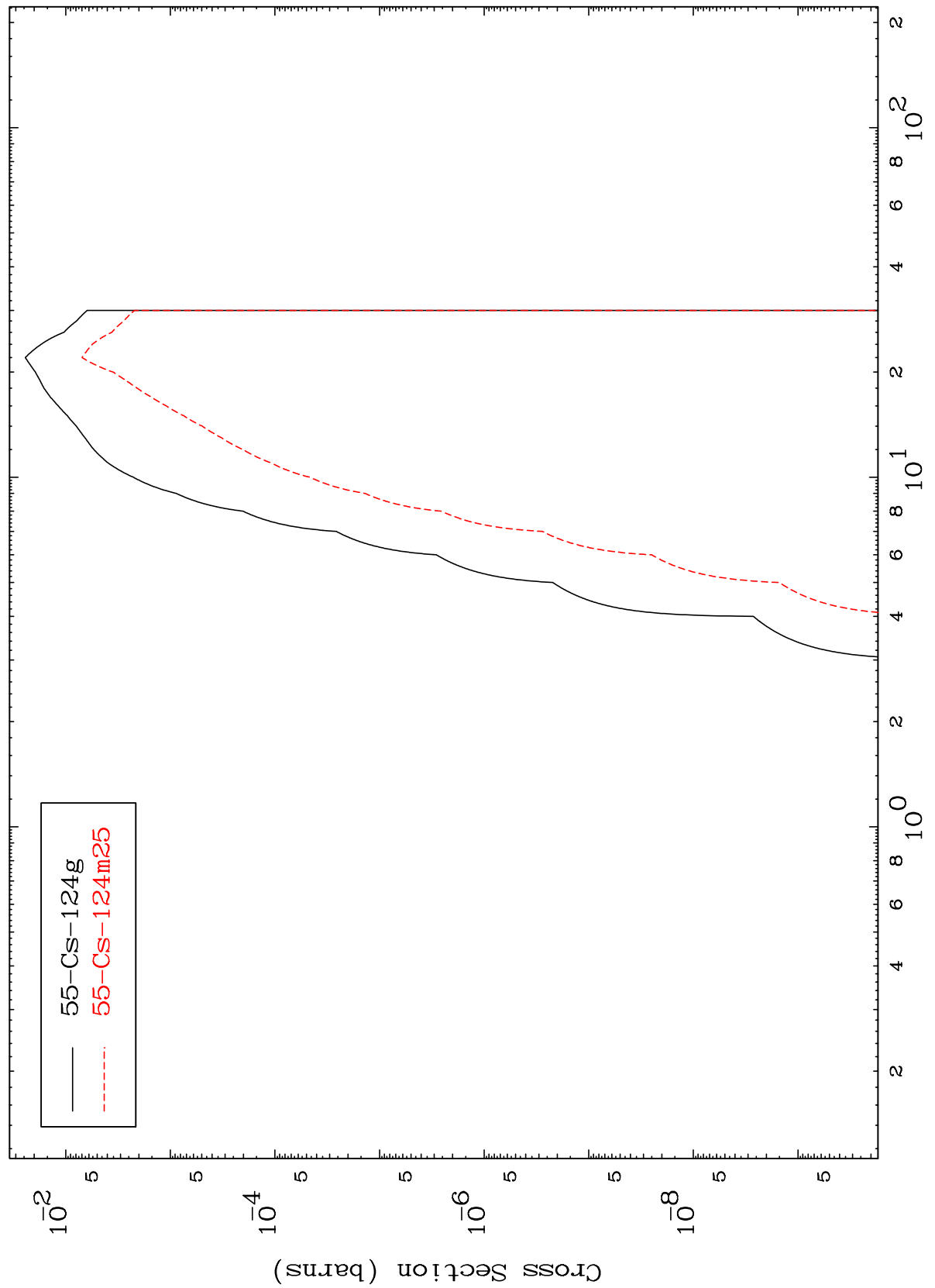
Incident Energy (MeV)

18

MAT 5616

56-Ba-127

(n, α)
Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m25

56-Ba-127

Incident Energy (MeV)

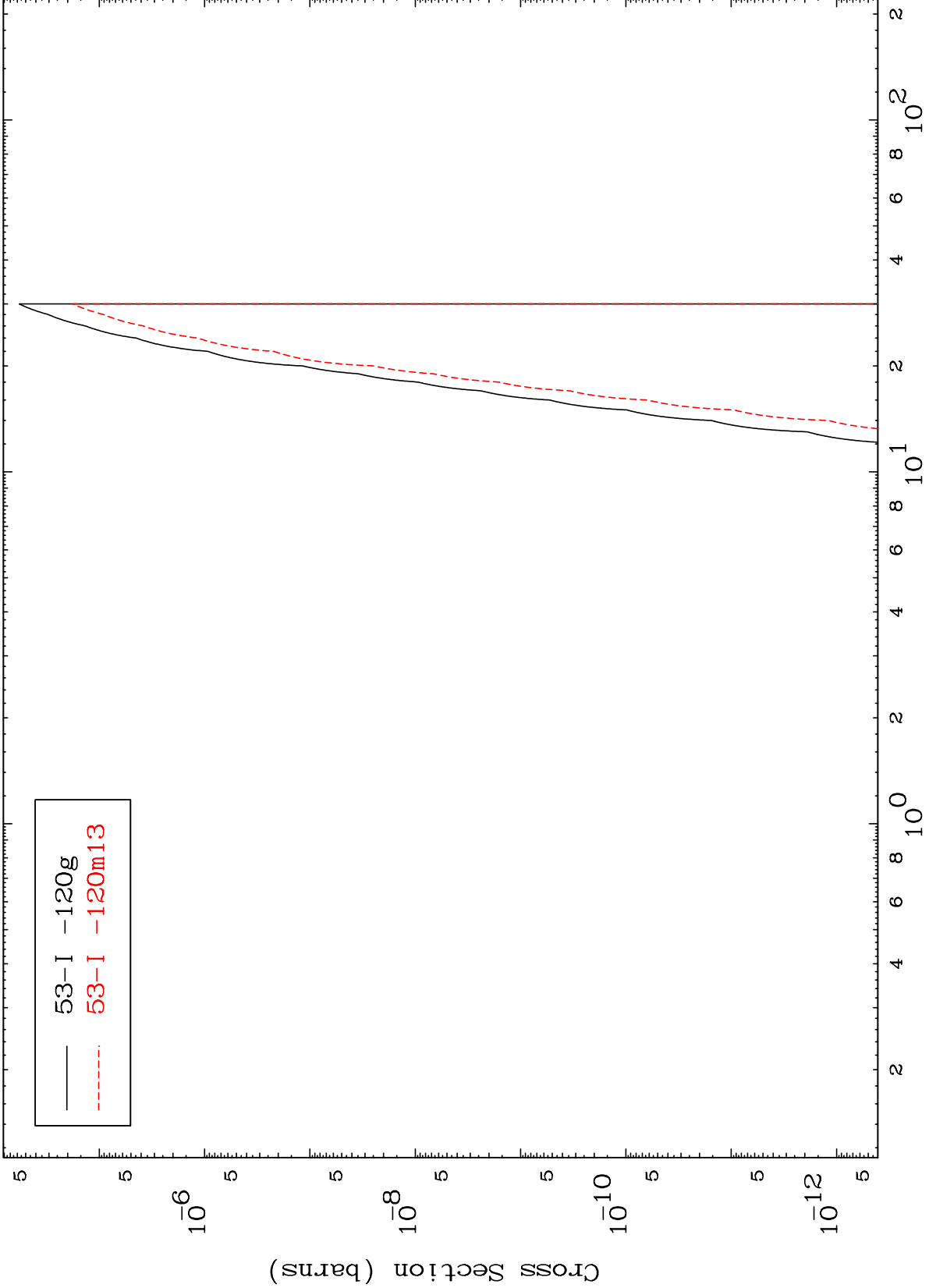
19

MAT 5616

(n,2α)

56-Ba-127

Radionuclide Production Cross Section



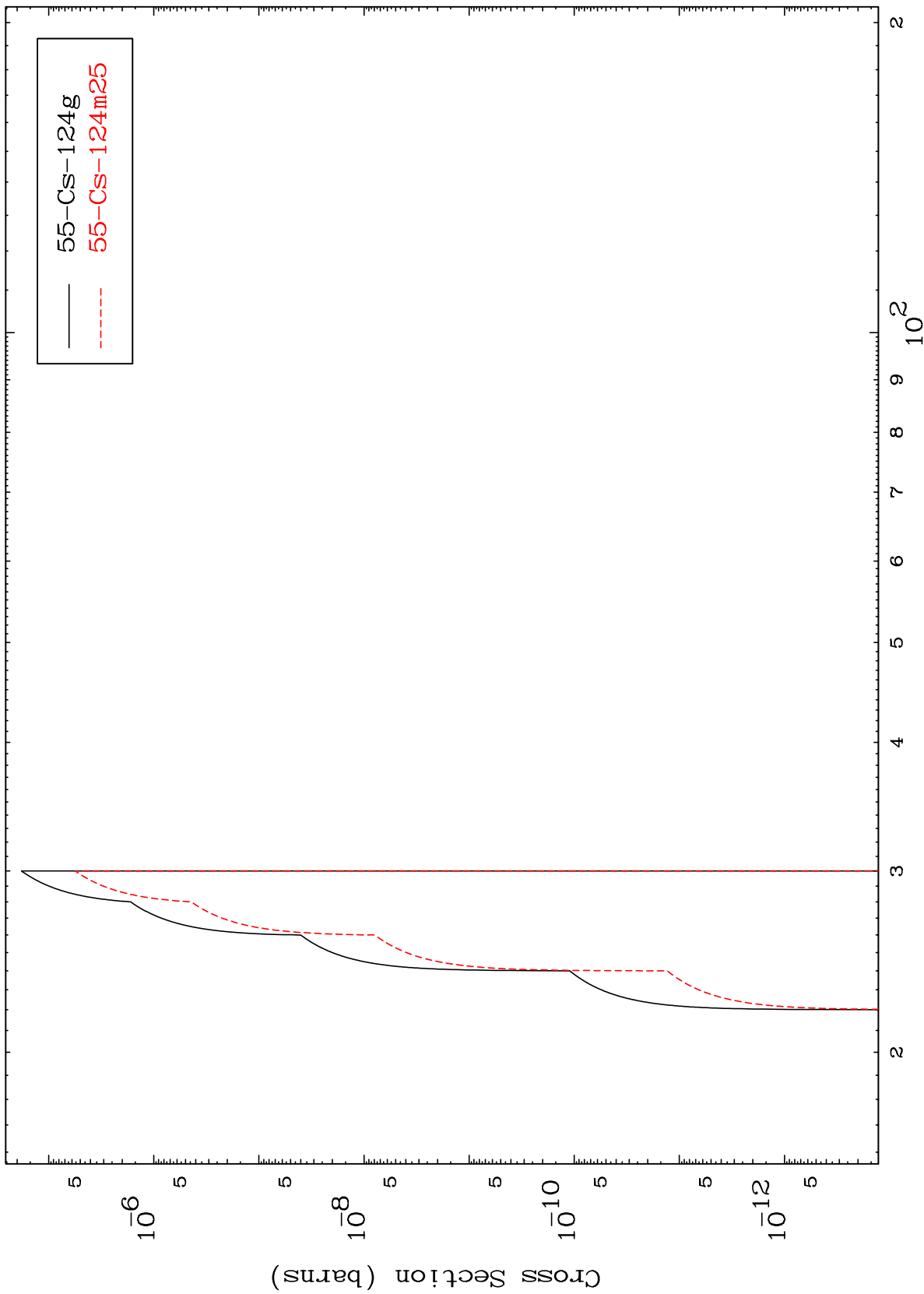
53-I -120g
53-I -120m13

MAT 5616

(n,p) t

56-Ba-127

Radionuclide Production Cross Section



21

Incident Energy (MeV)

56-Ba-127