

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

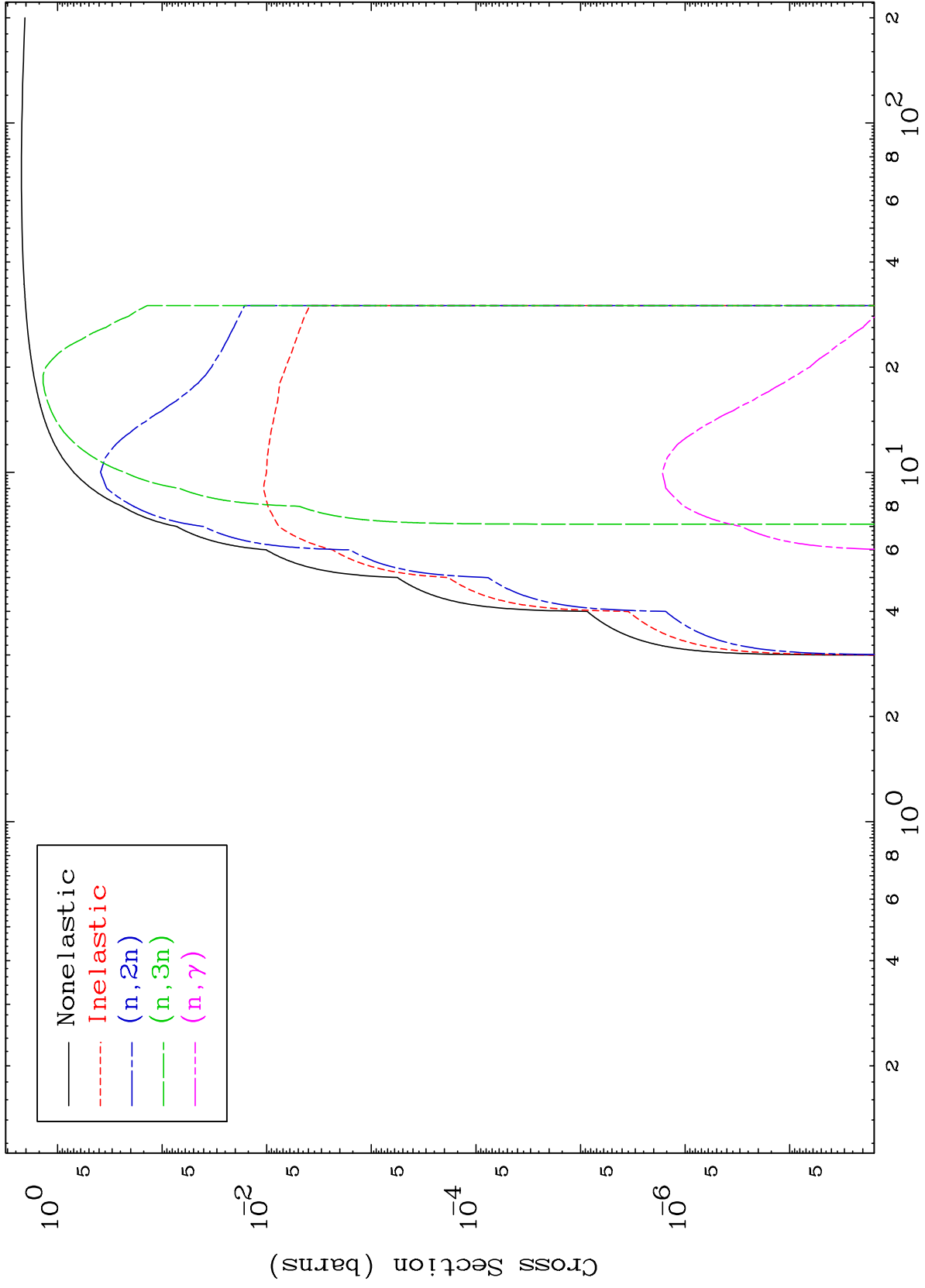
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

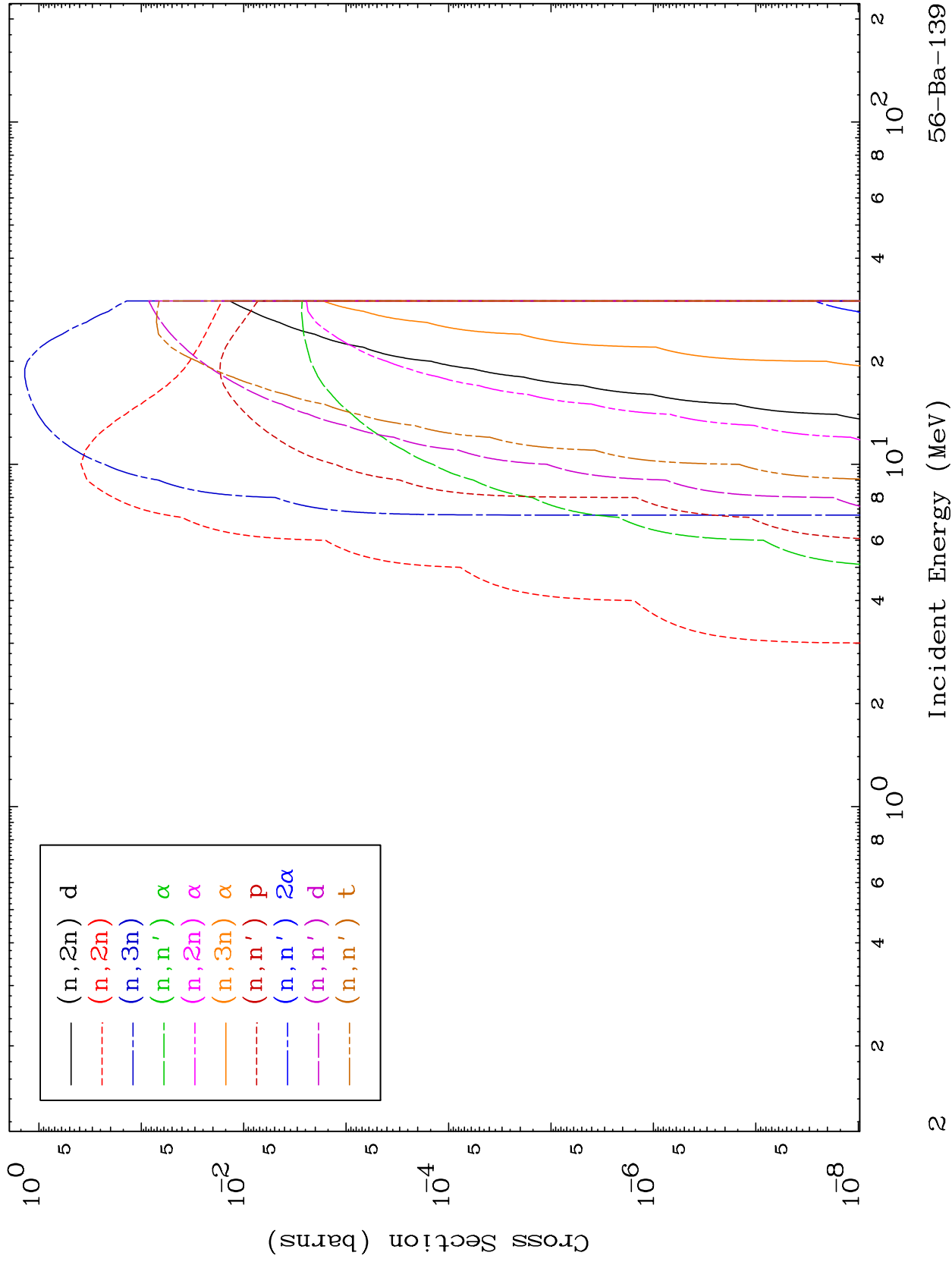
Tele: 925-443-1911

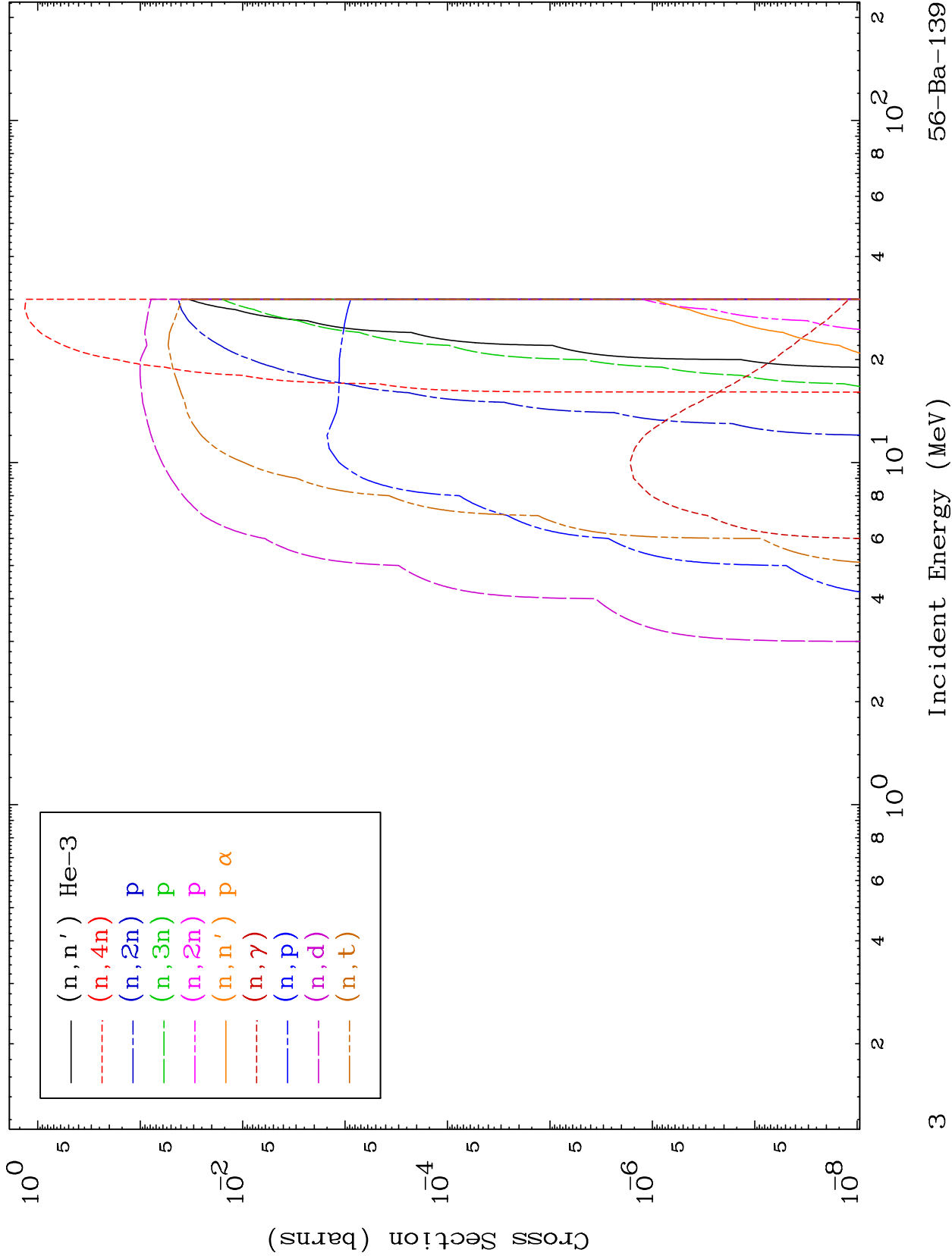
E.Mail:redcullen1@comcast.net

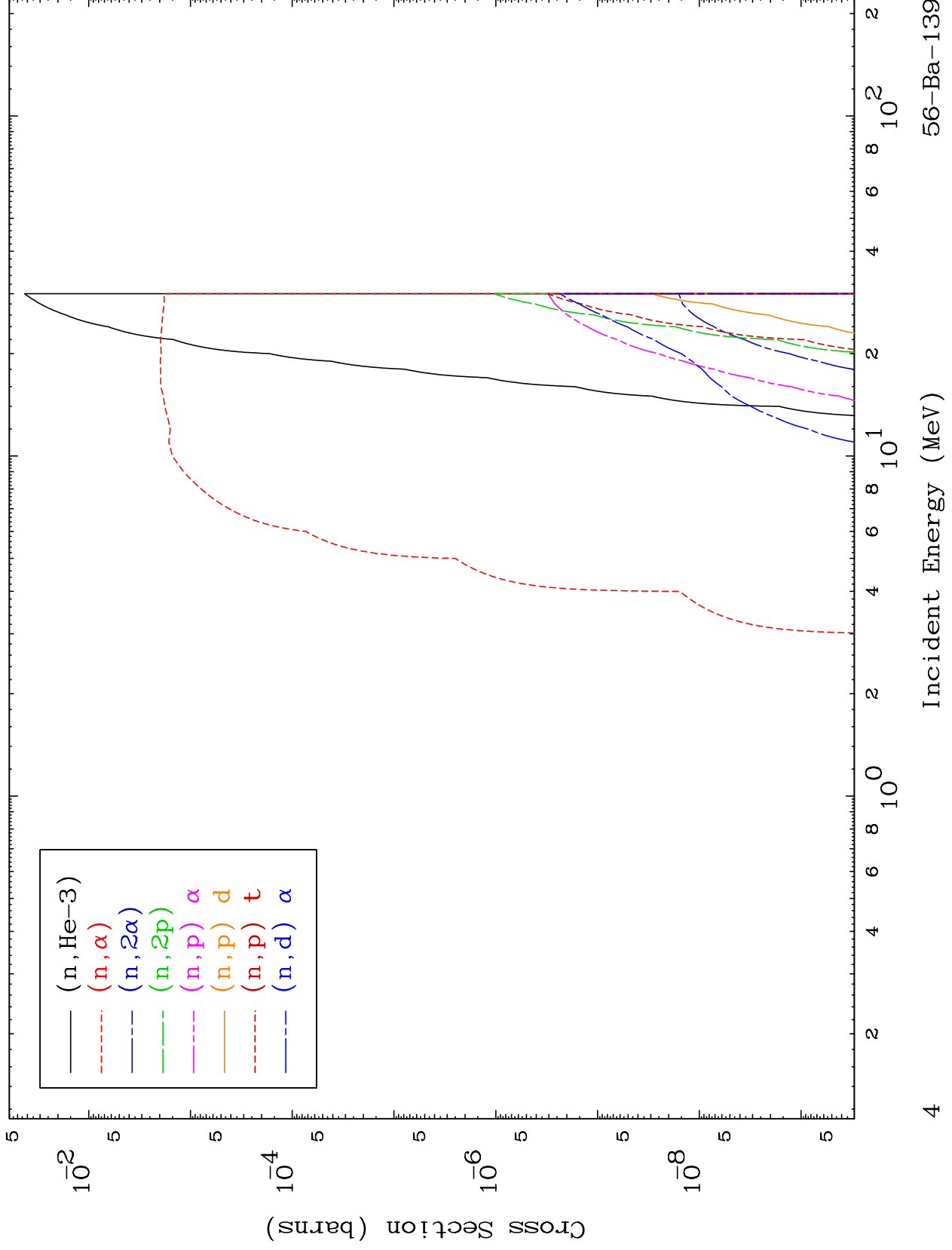
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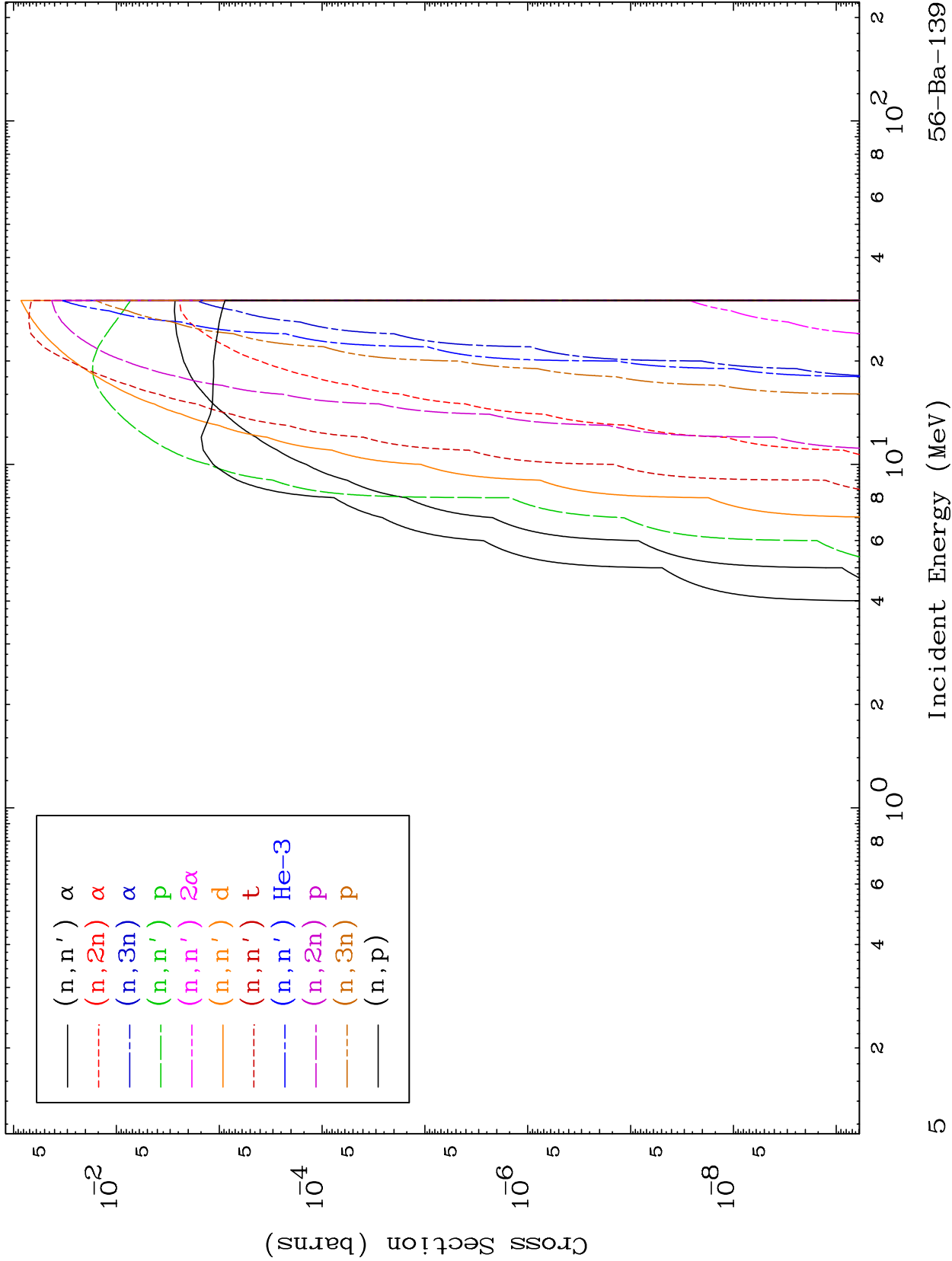
Press Mouse Button to Start

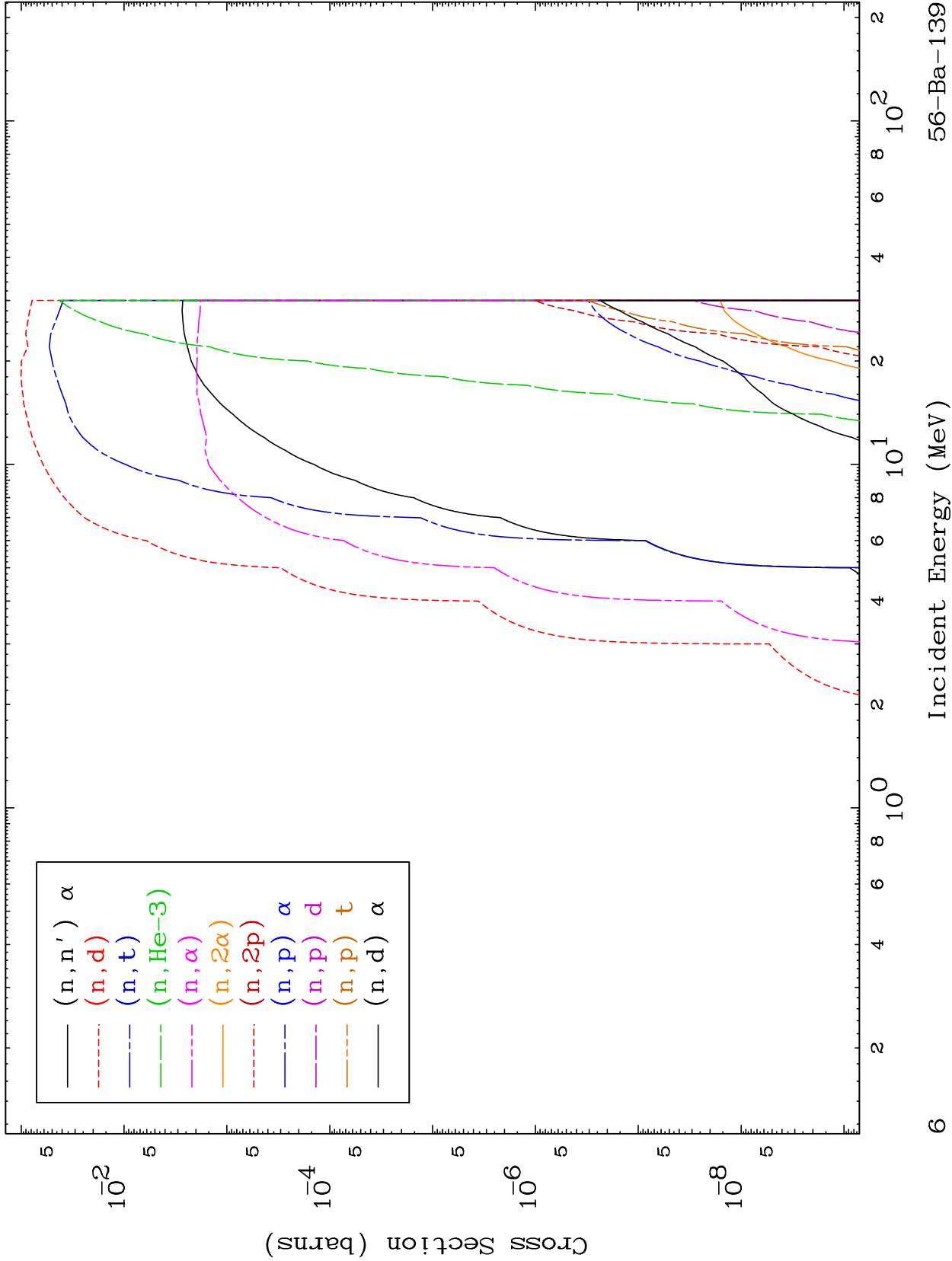










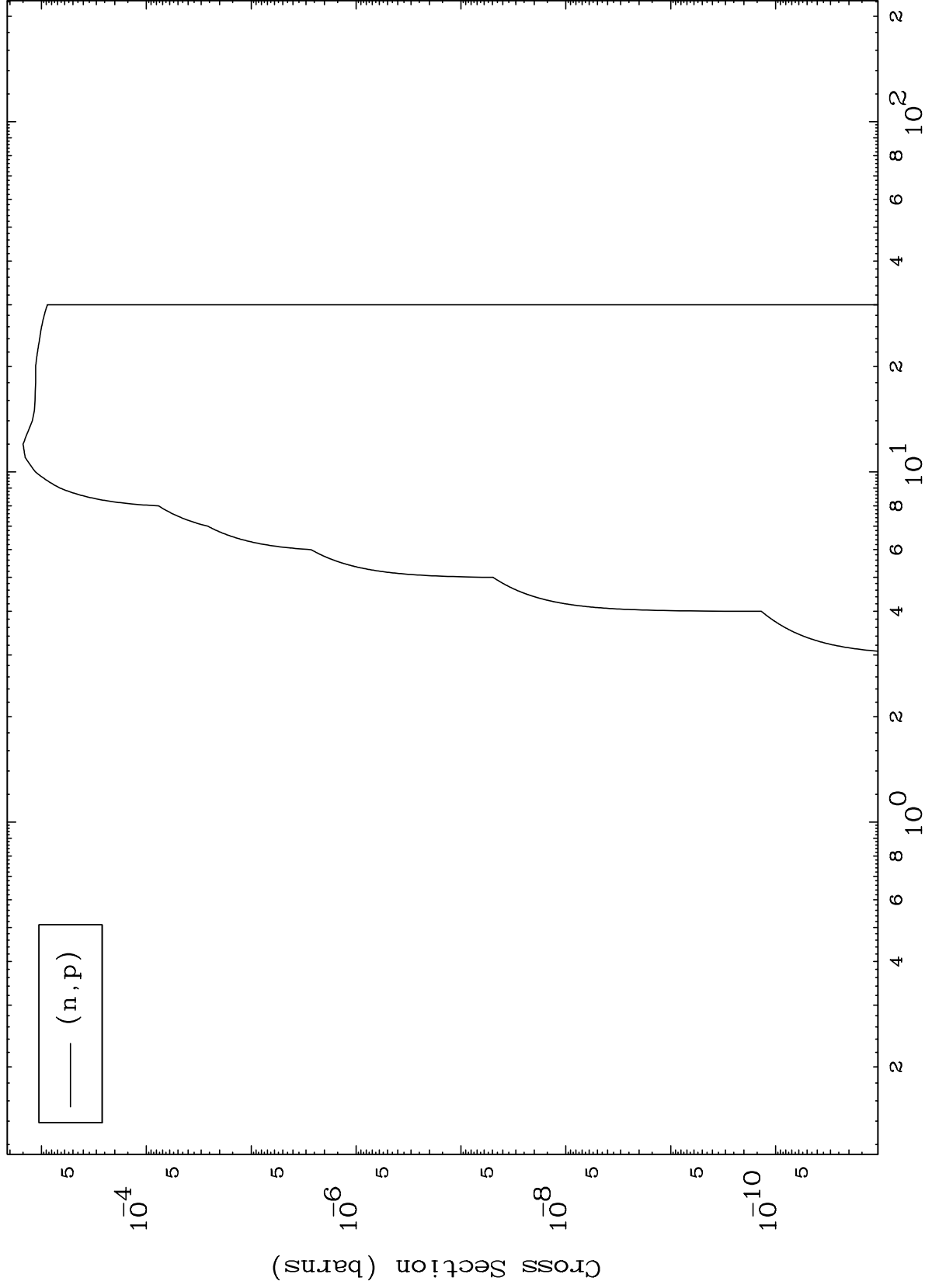


MAT 5652

(t,p) Levels

56-Ba-139

0 Kelvin Cross Sections



7

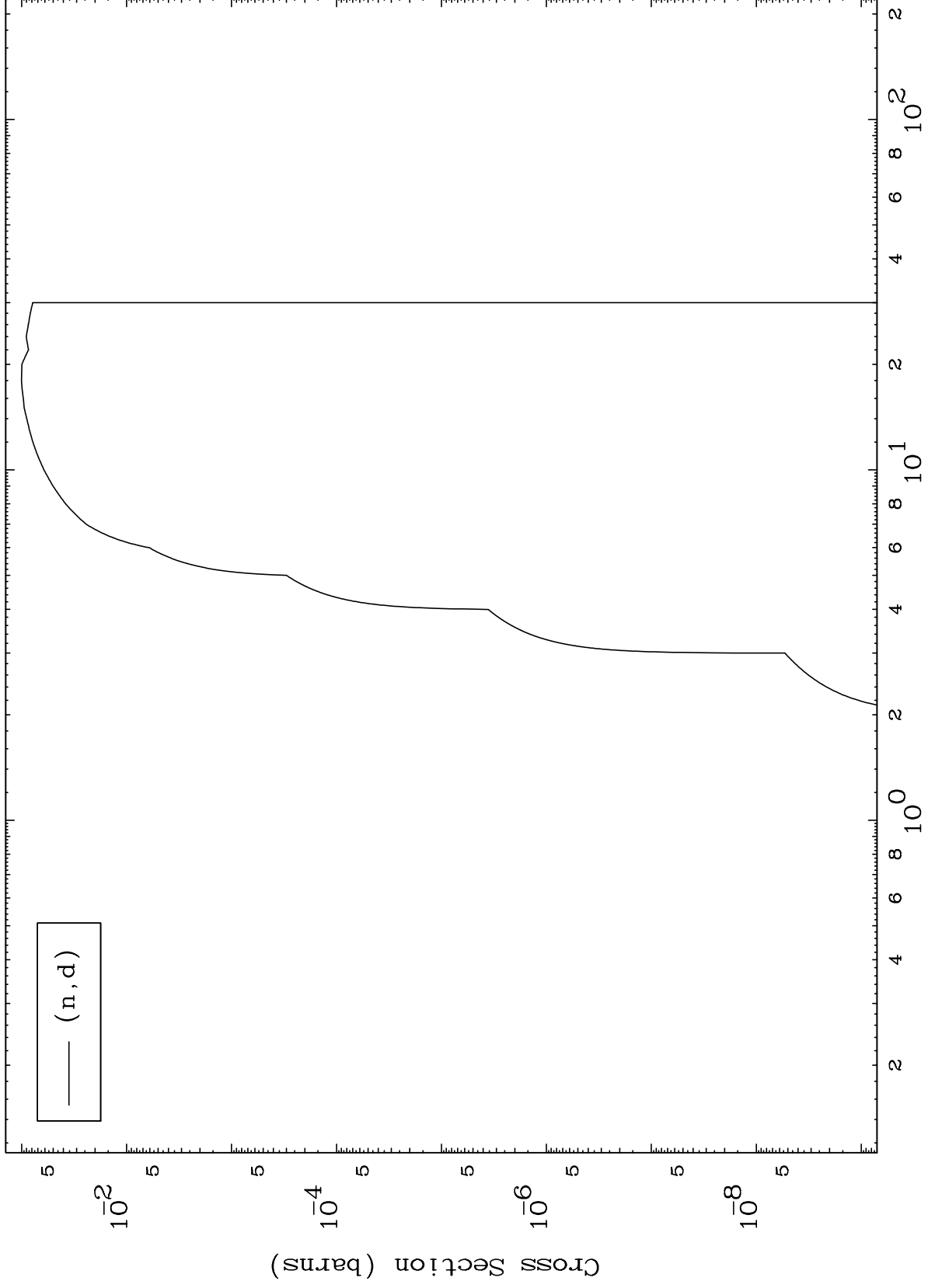
Incident Energy (MeV)

56-Ba-139

MAT 5652

(t,d) Levels
0 Kelvin Cross Sections

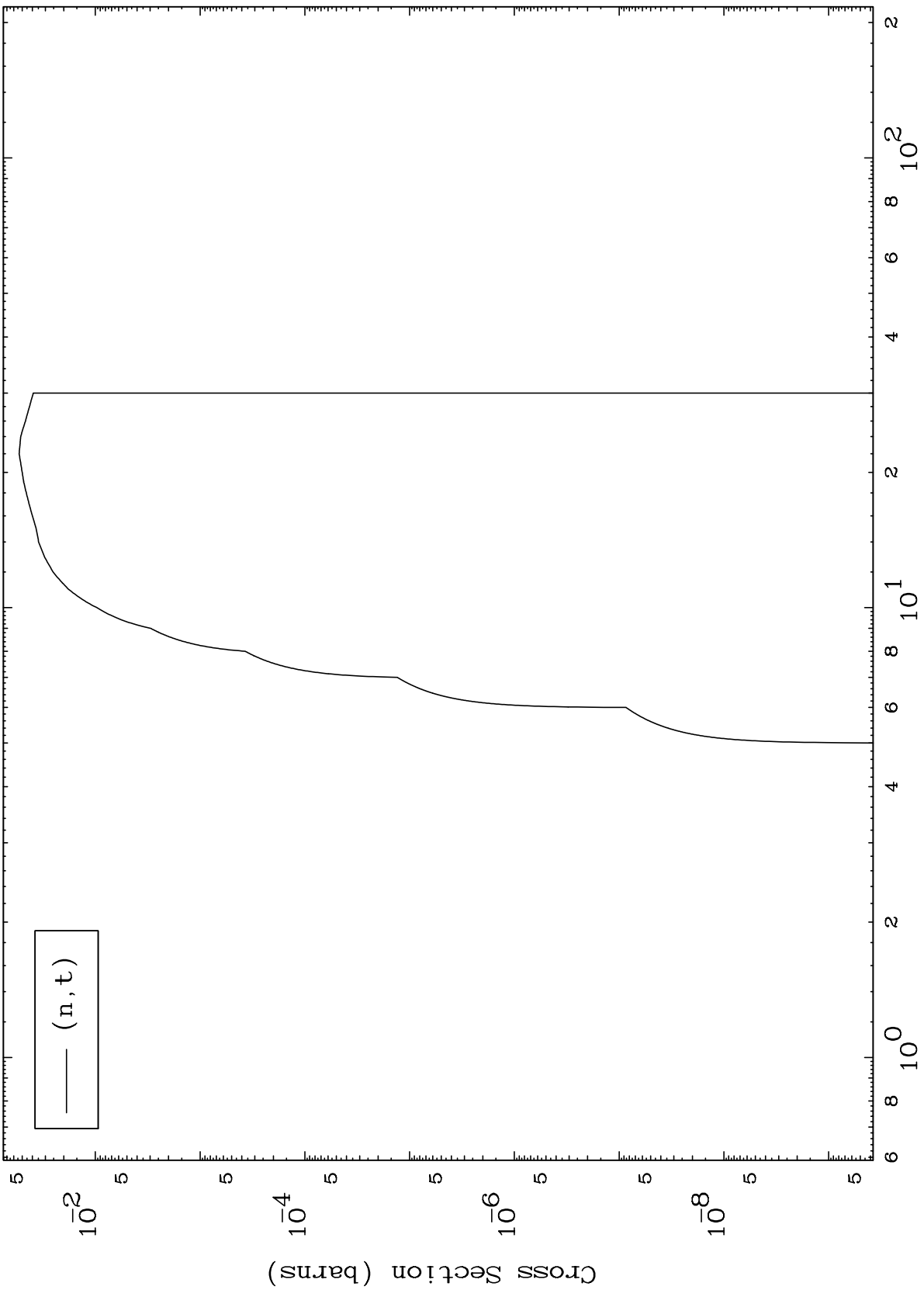
56-Ba-139



MAT 5652

56-Ba-139

(t, t) Levels
0 Kelvin Cross Sections



9

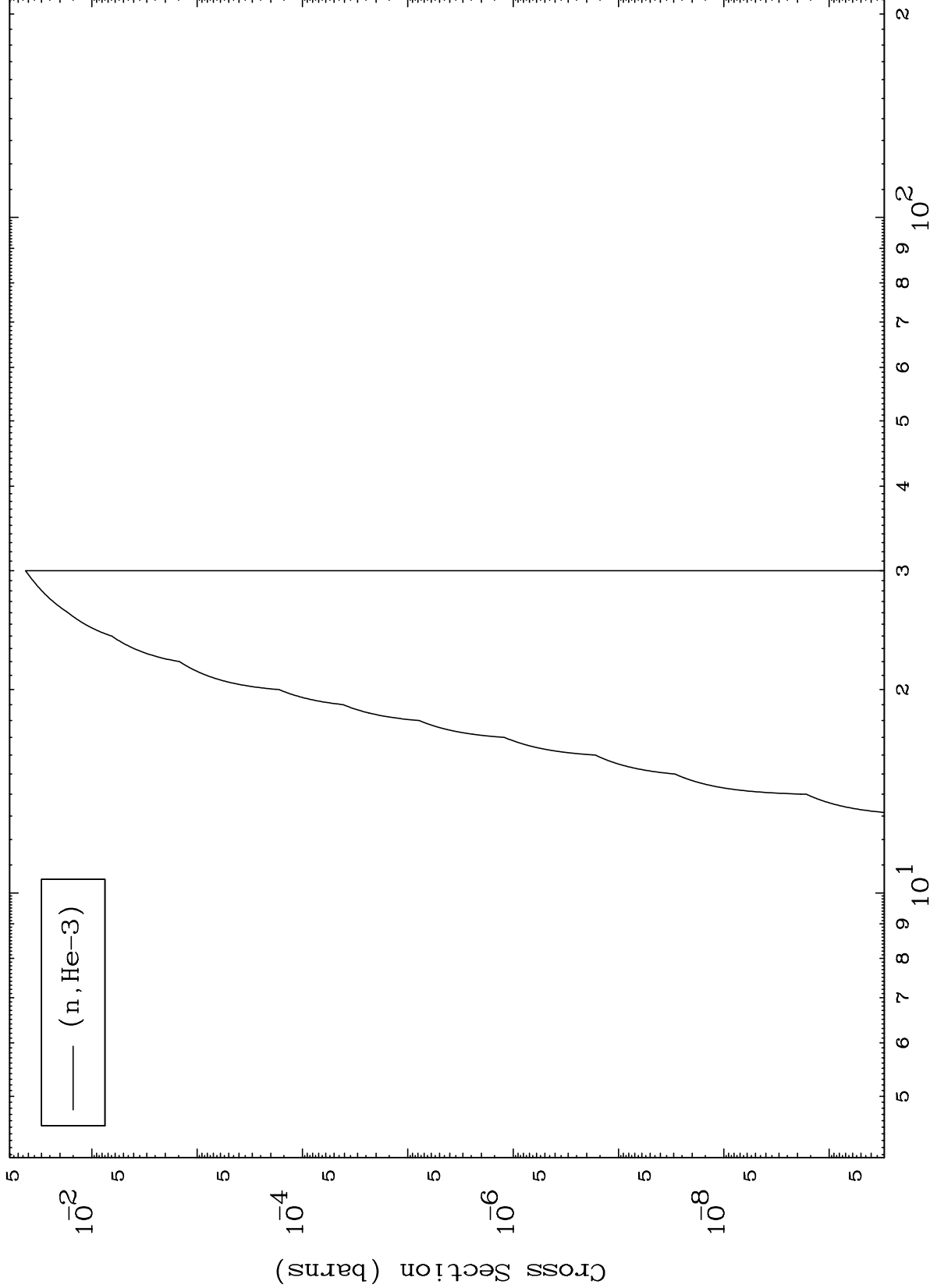
Incident Energy (MeV)

56-Ba-139

MAT 5652

(t,He3) Levels
0 Kelvin Cross Sections

56-Ba-139



10

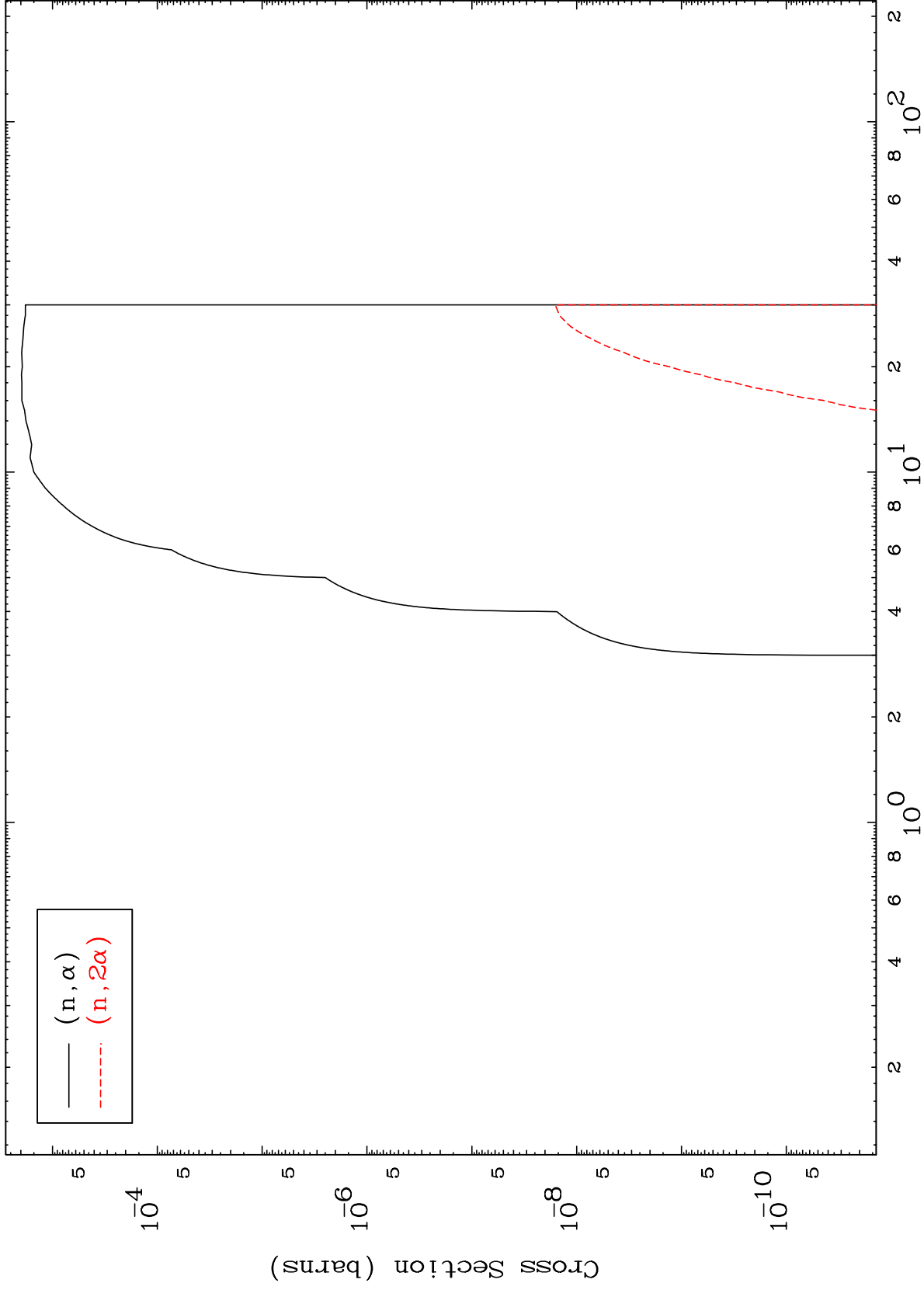
Incident Energy (MeV)

56-Ba-139

MAT 5652

(t, α) Levels
0 Kelvin Cross Sections

56-Ba-139

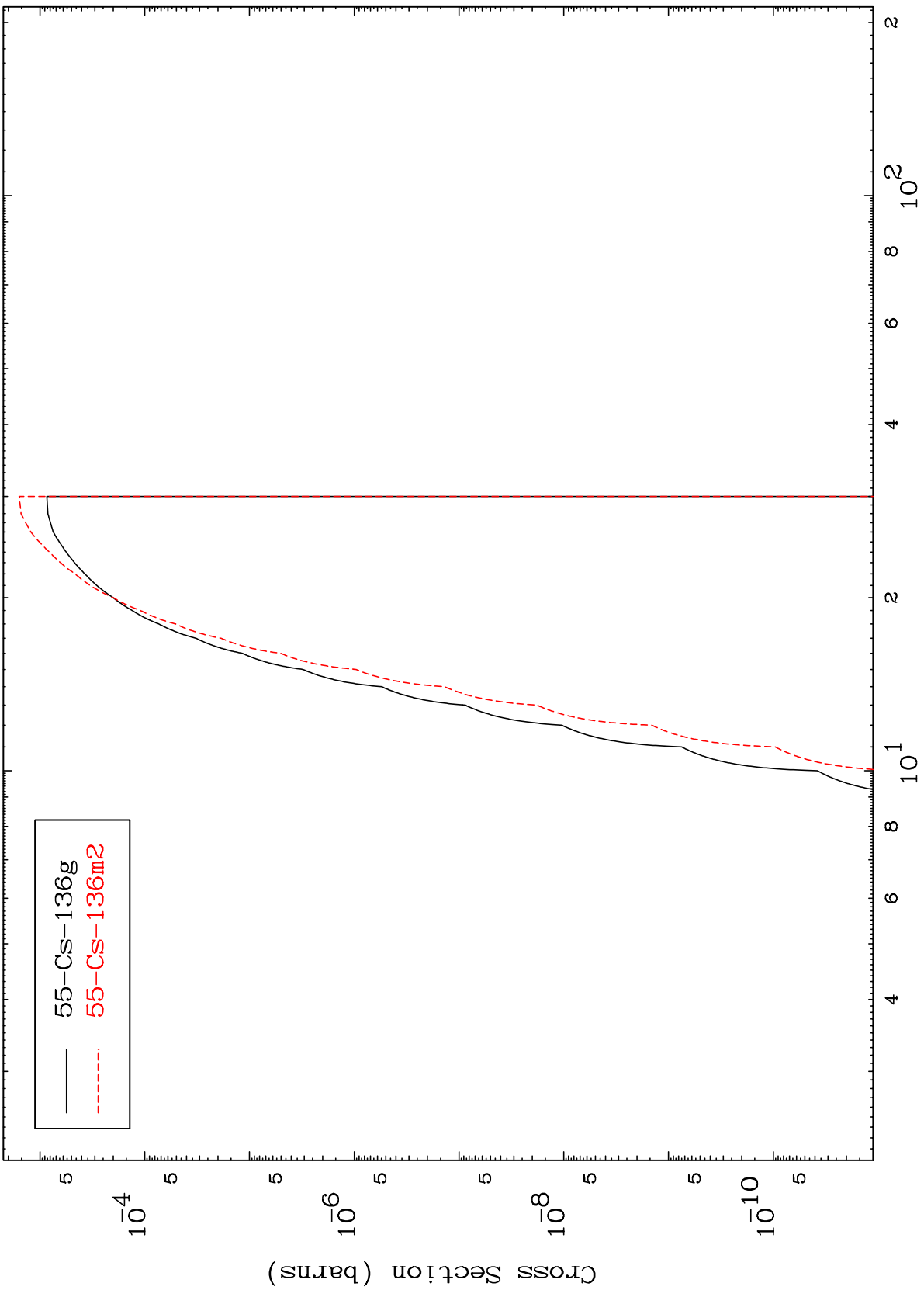


MAT 5652

(n,2n) α

56-Ba-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

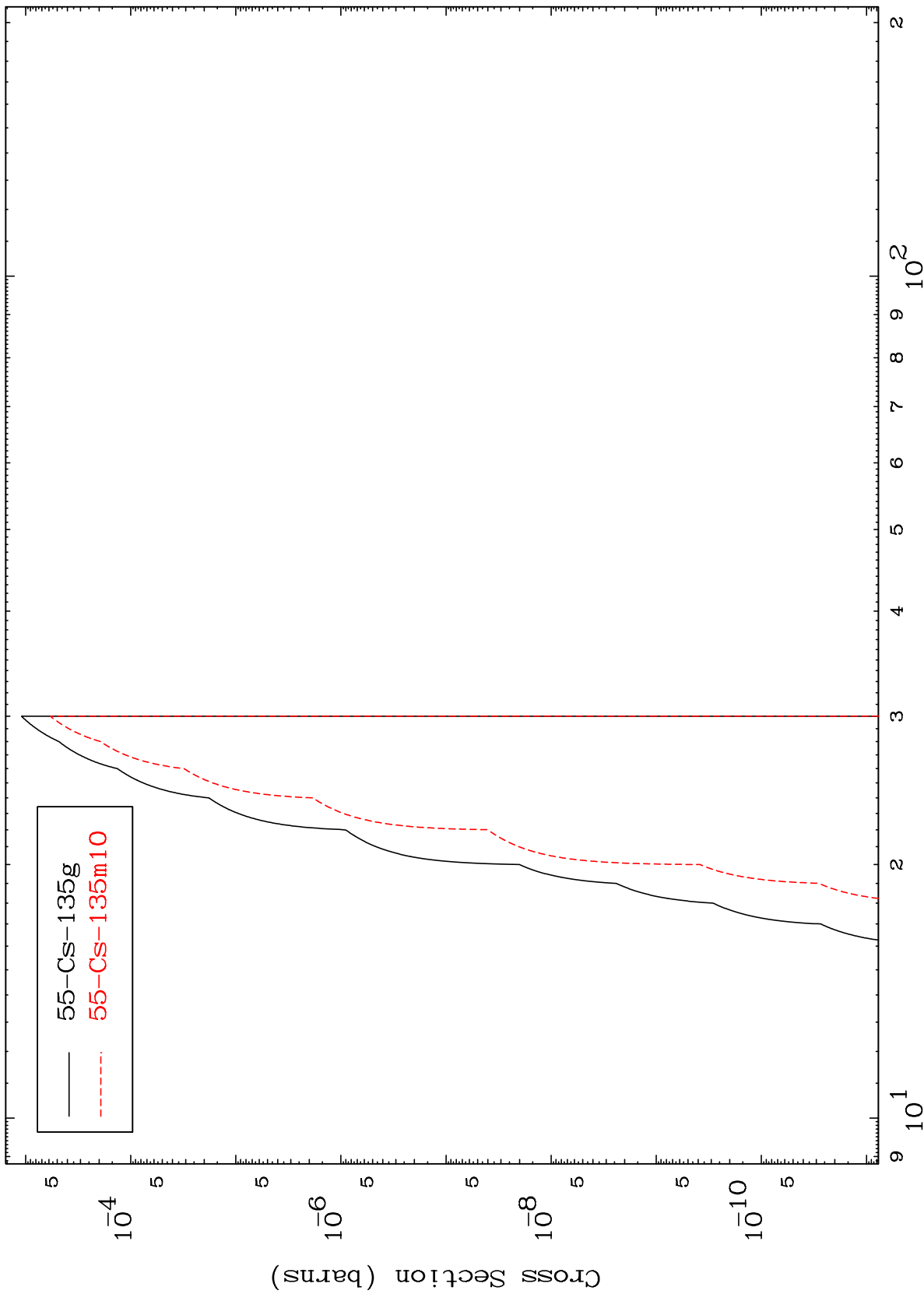
56-Ba-139

MAT 5652

(n,3n) α

56-Ba-139

Radionuclide Production Cross Section



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

Incident Energy (MeV)

56-Ba-139

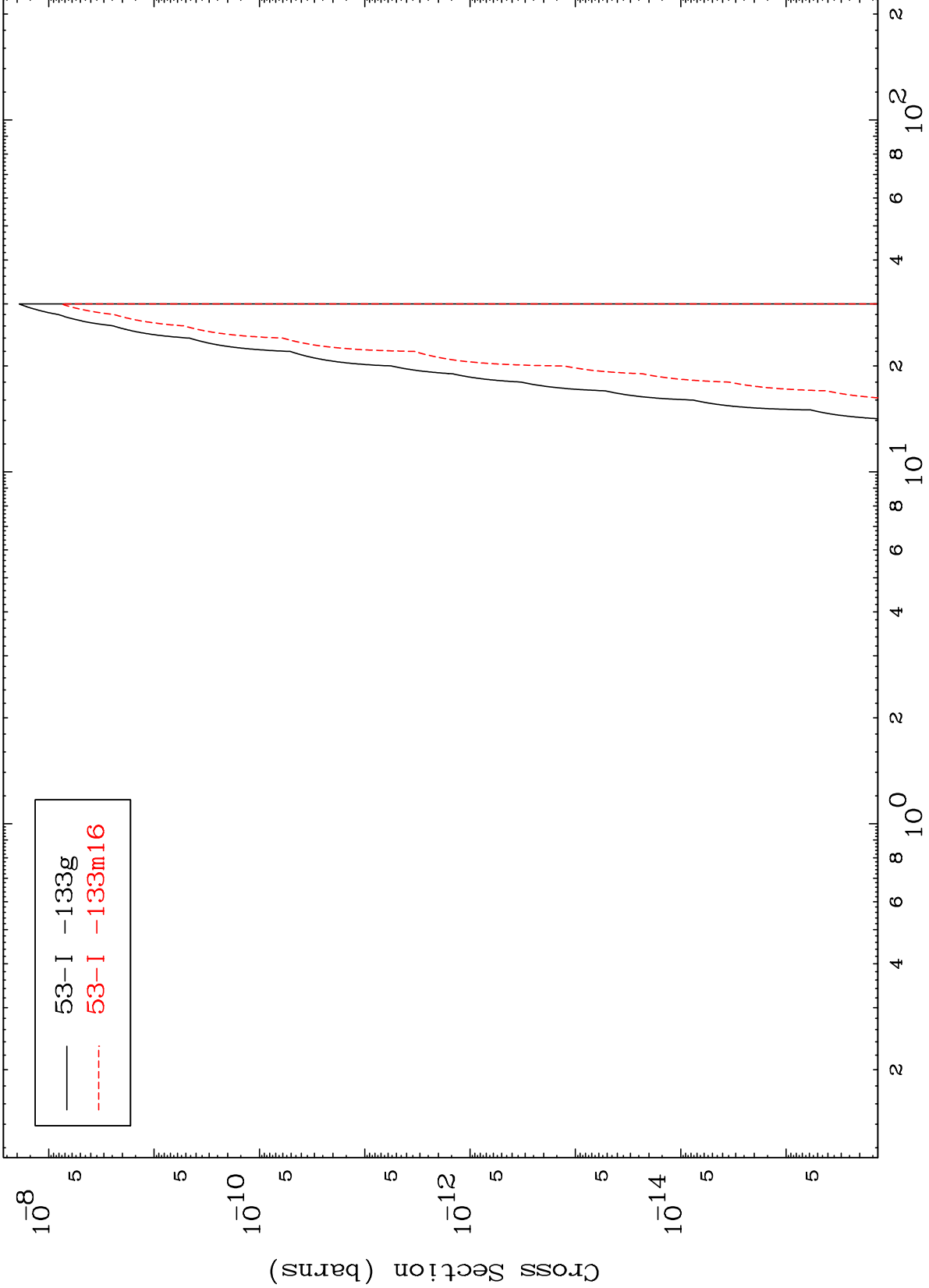
13

MAT 5652

(n,n') 2 α

56-Ba-139

Radionuclide Production Cross Section



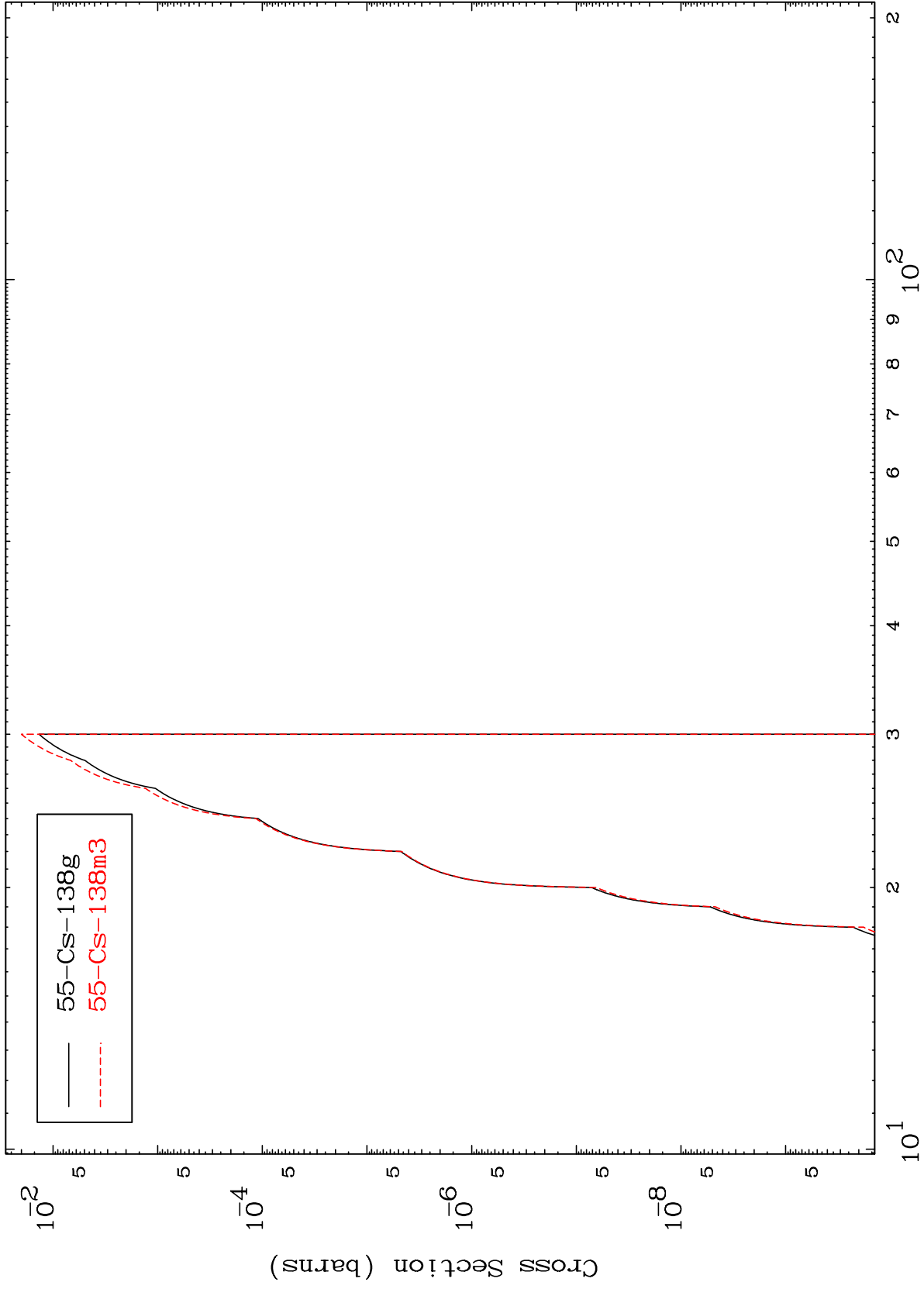
53-I-133g
53-I-133m16

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(n,n') He-3

56-Ba-139

Radionuclide Production Cross Section



55-Cs-138g
55-Cs-138m3

Incident Energy (MeV)

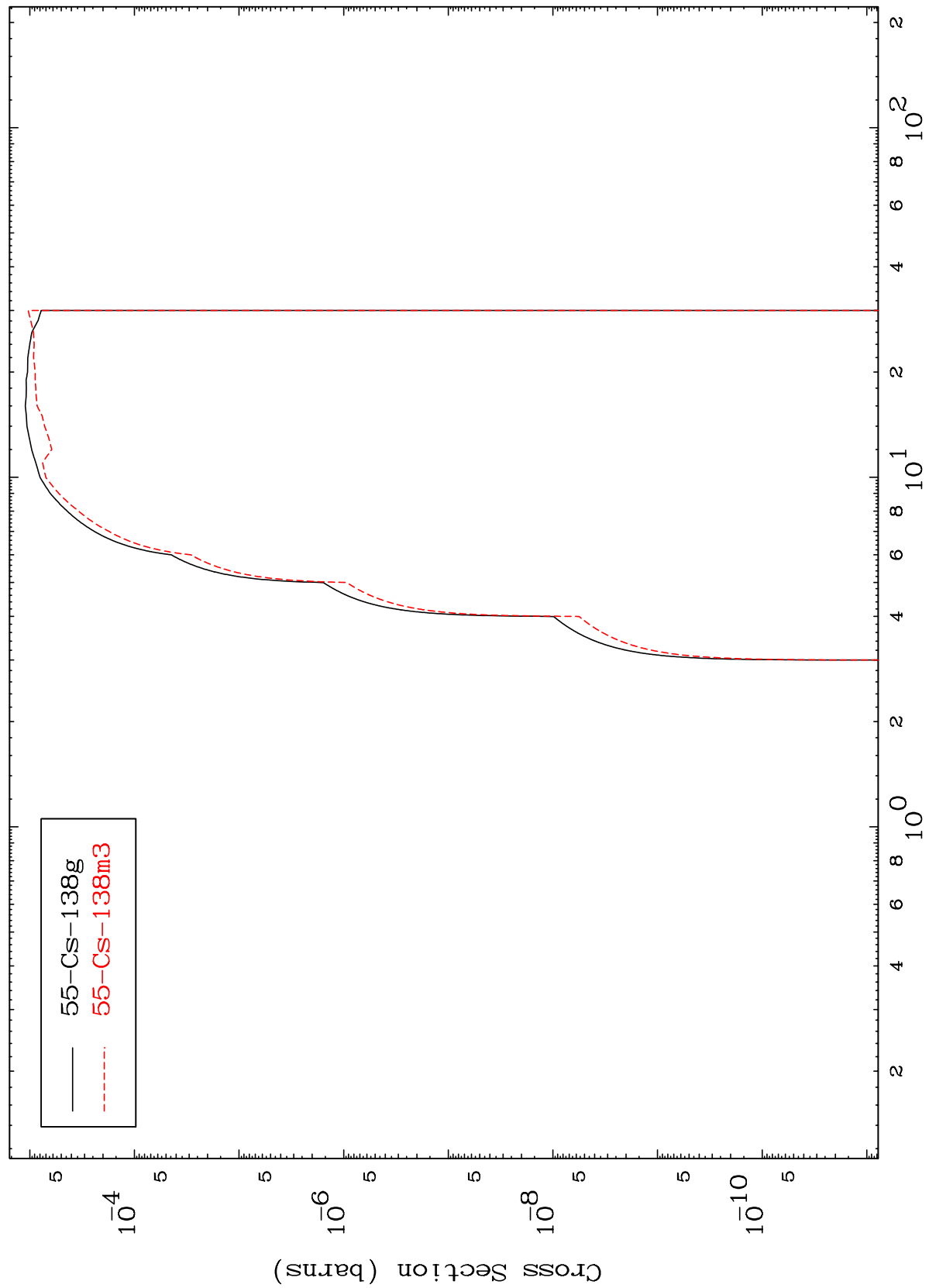
56-Ba-139

15

MAT 5652

56-Ba-139

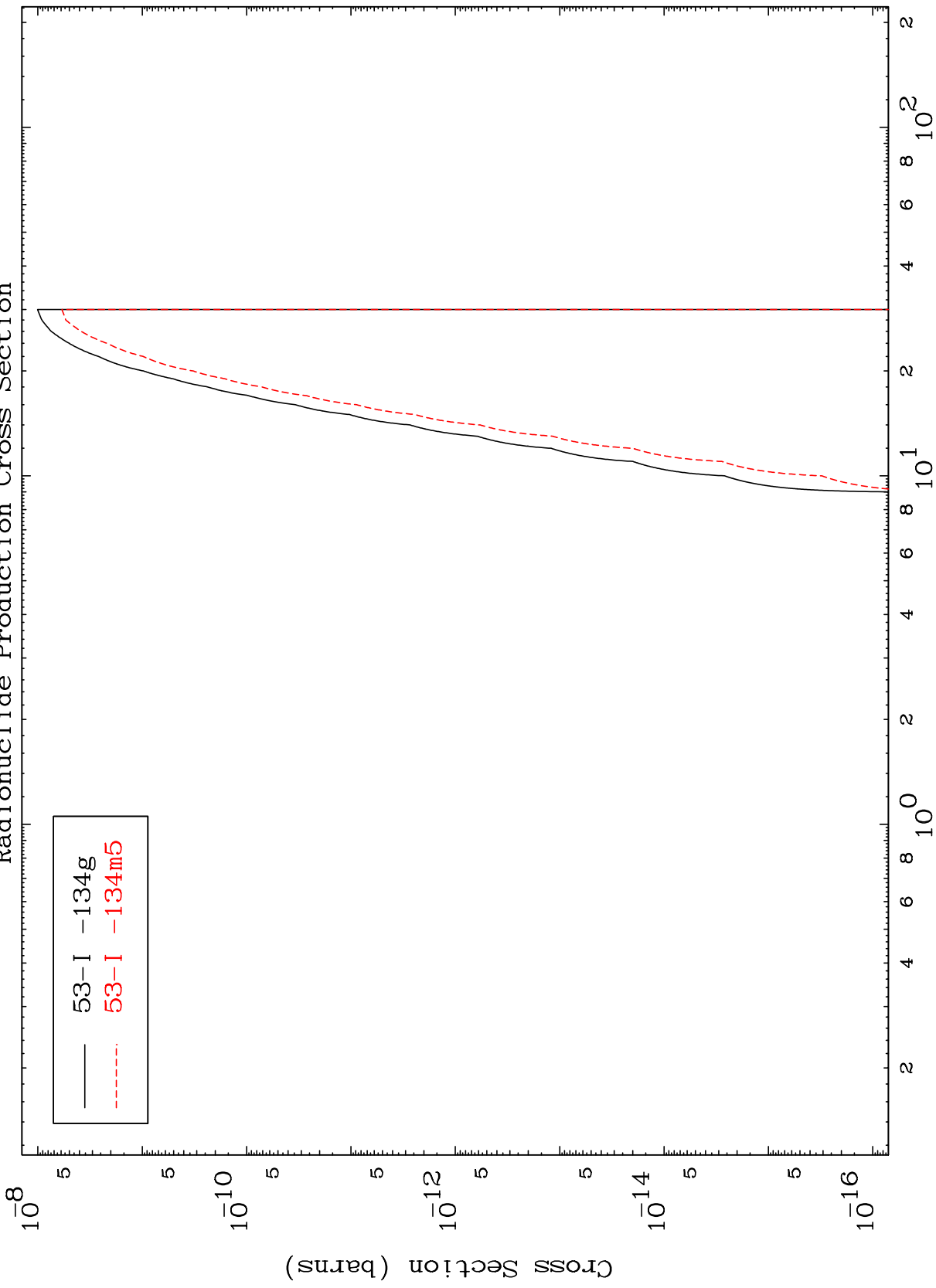
(n, α)
Radionuclide Production Cross Section



MAT 5652

56-Ba-139

Radionuclide Production Cross Section
(n,2 α)



17

Incident Energy (MeV)

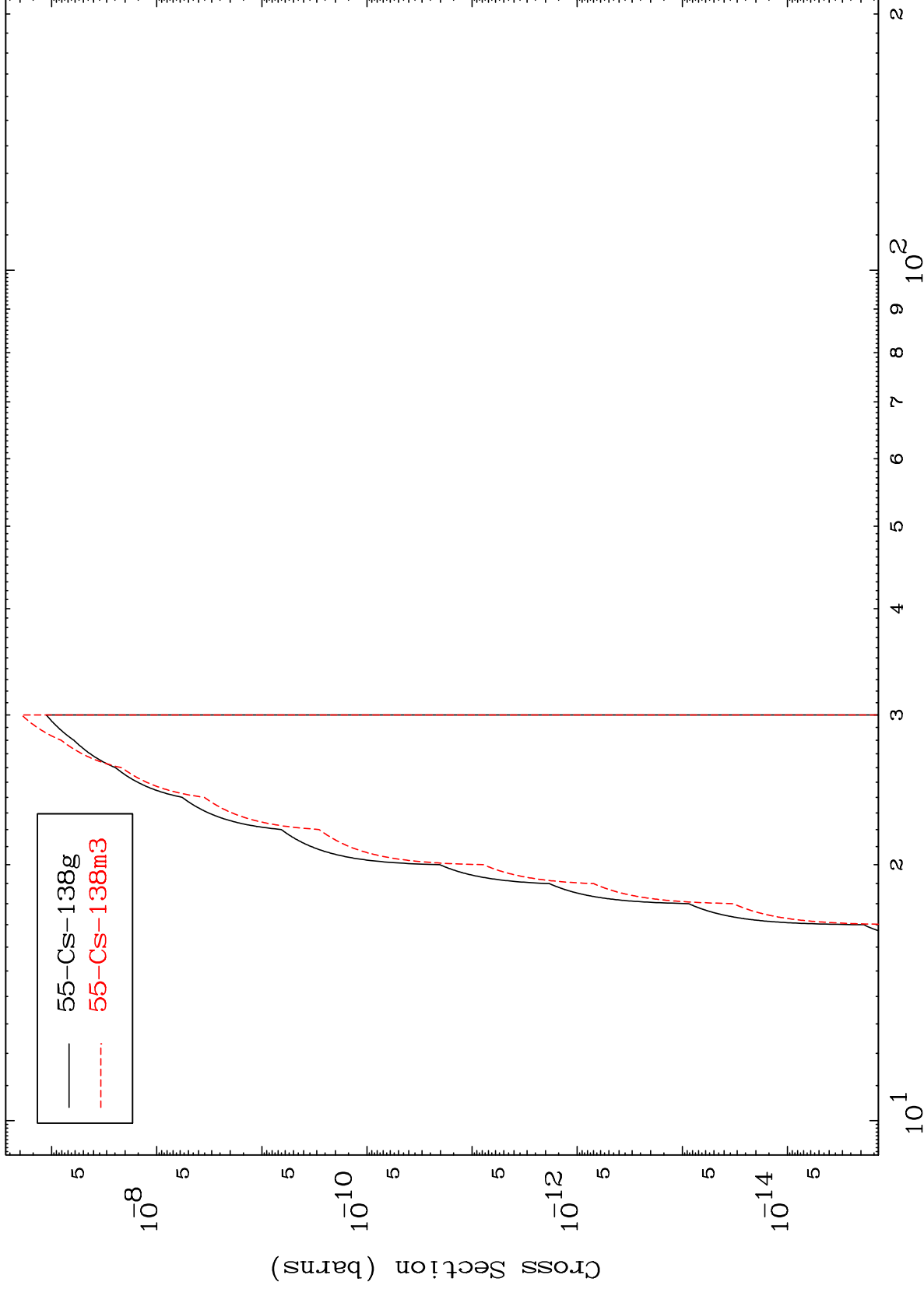
56-Ba-139

MAT 5652

(n,p) t

56-Ba-139

Radionuclide Production Cross Section



Incident Energy (MeV)

56-Ba-139