

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

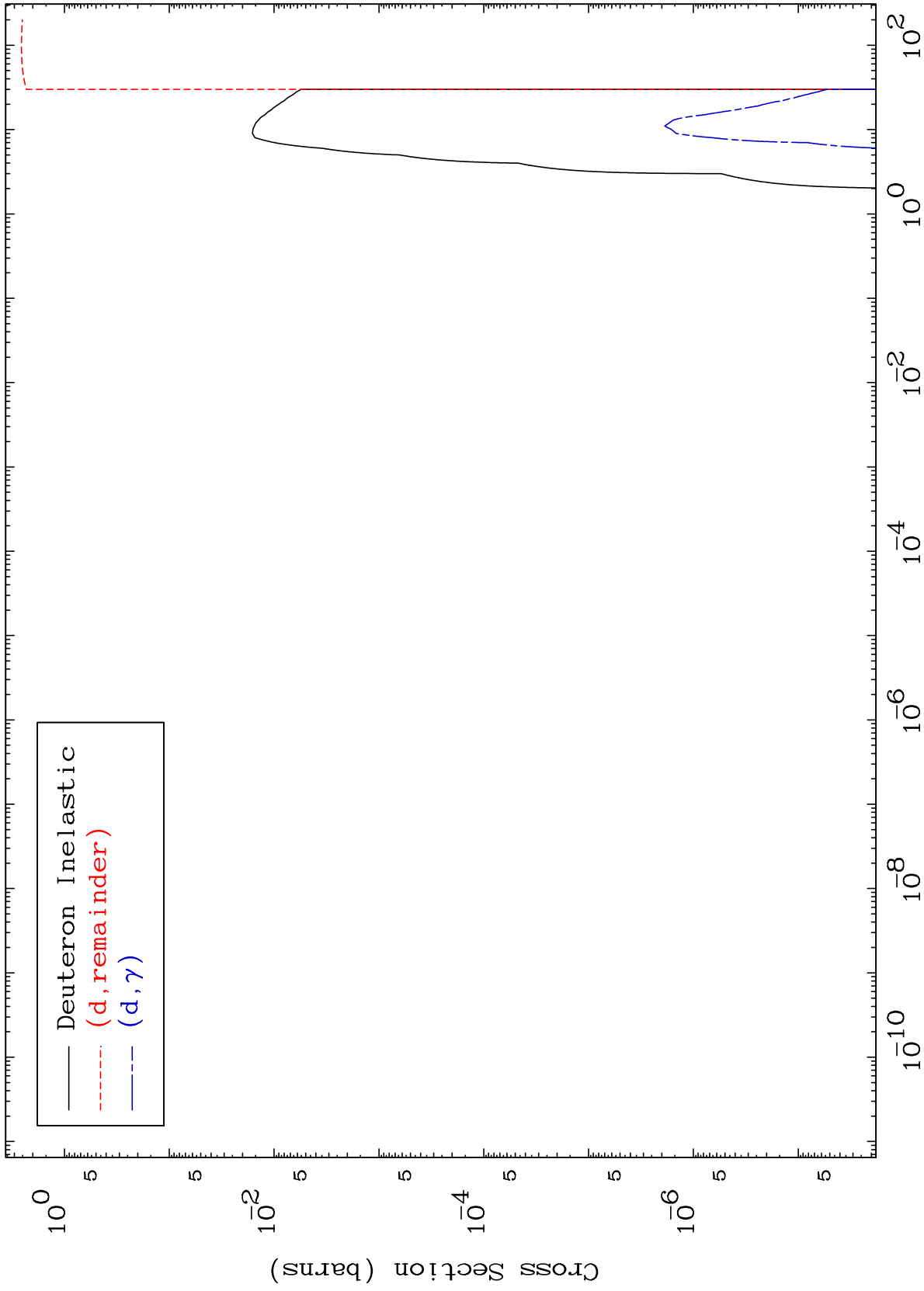
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5652

Deuteron Major
0 Kelvin Cross Sections

56-Ba-139



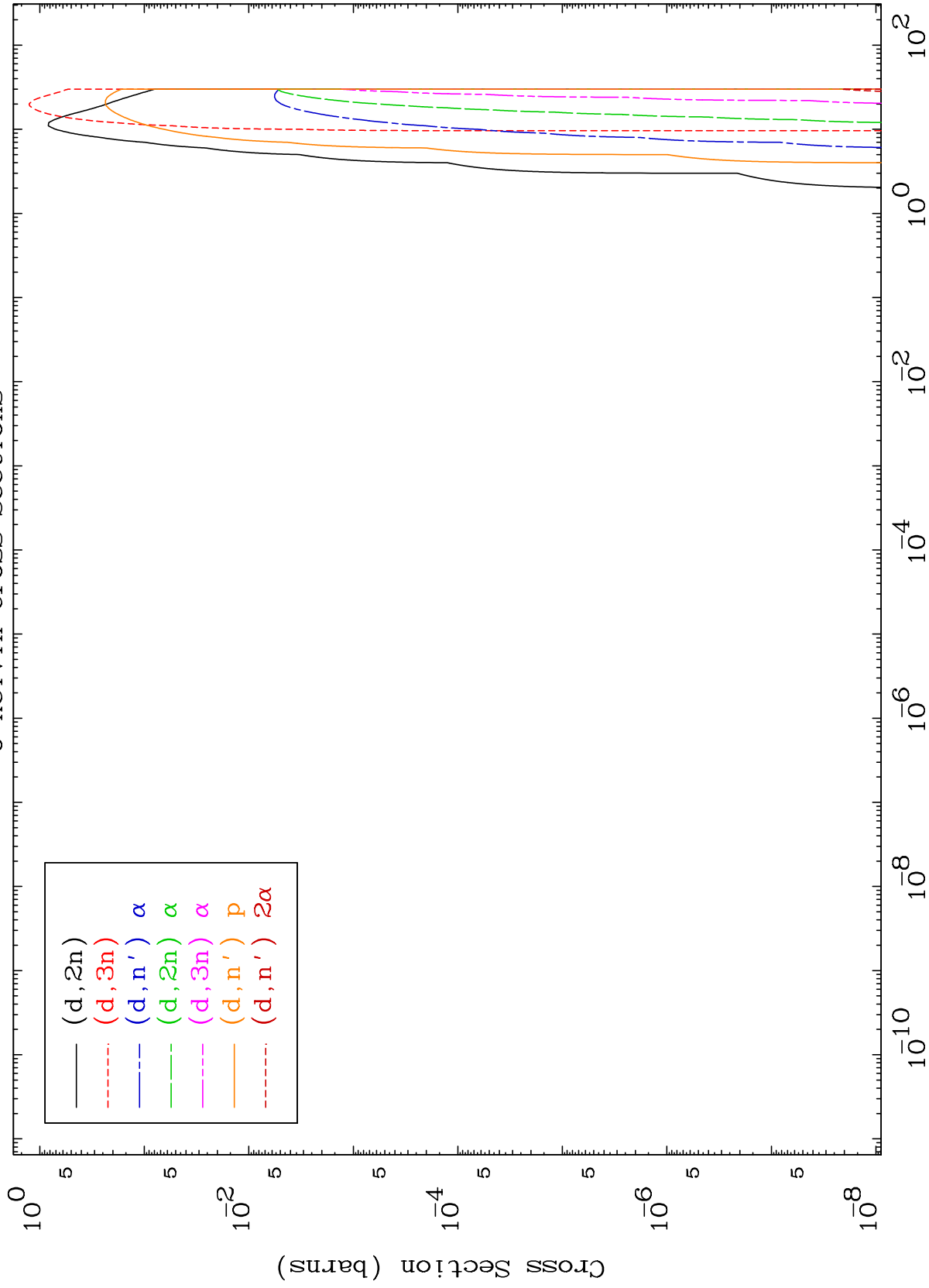
1

56-Ba-139

MAT 5652

Deuteron Neutron Production
0 Kelvin Cross Sections

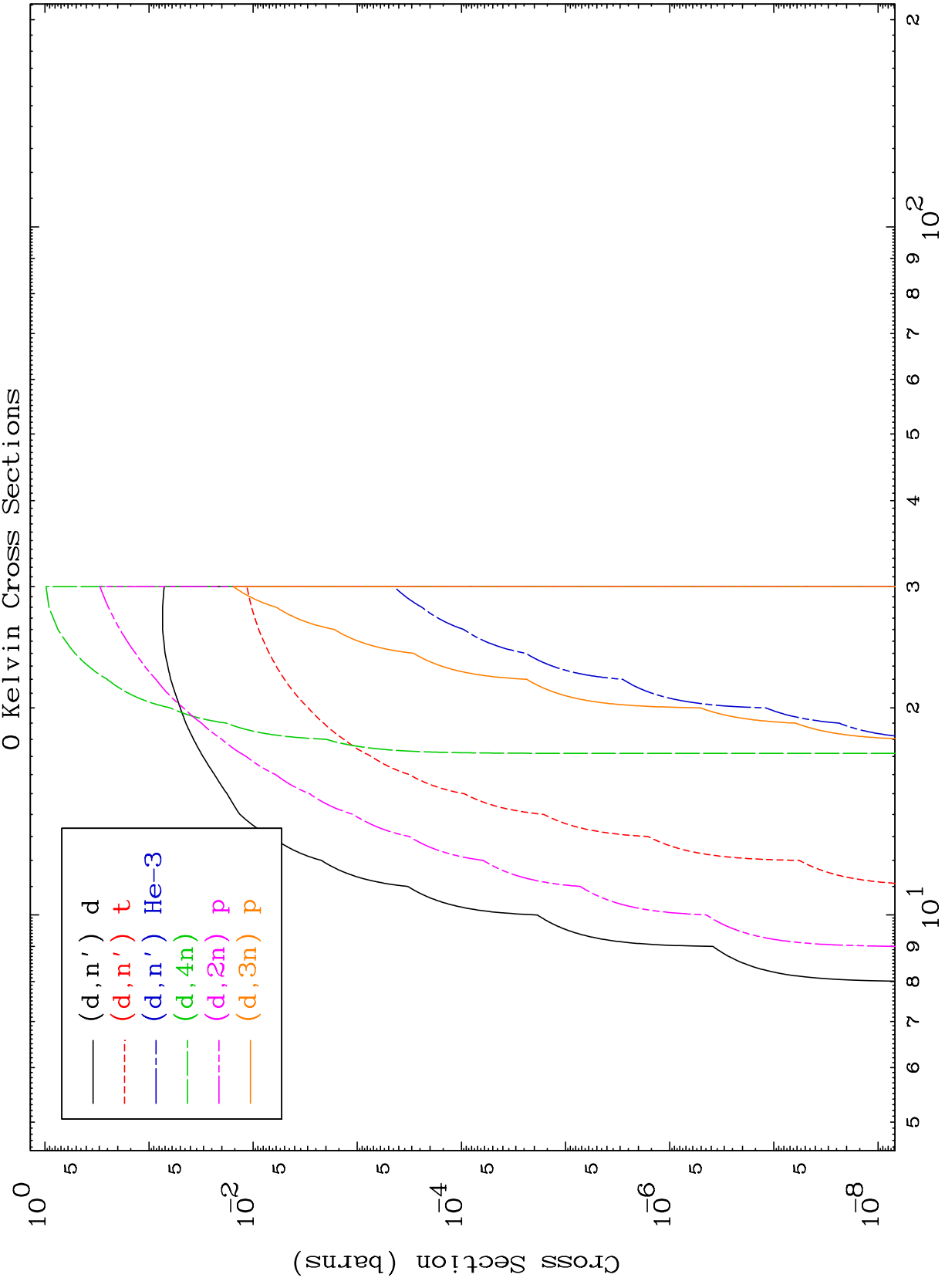
56-Ba-139



2

Incident Energy (MeV)

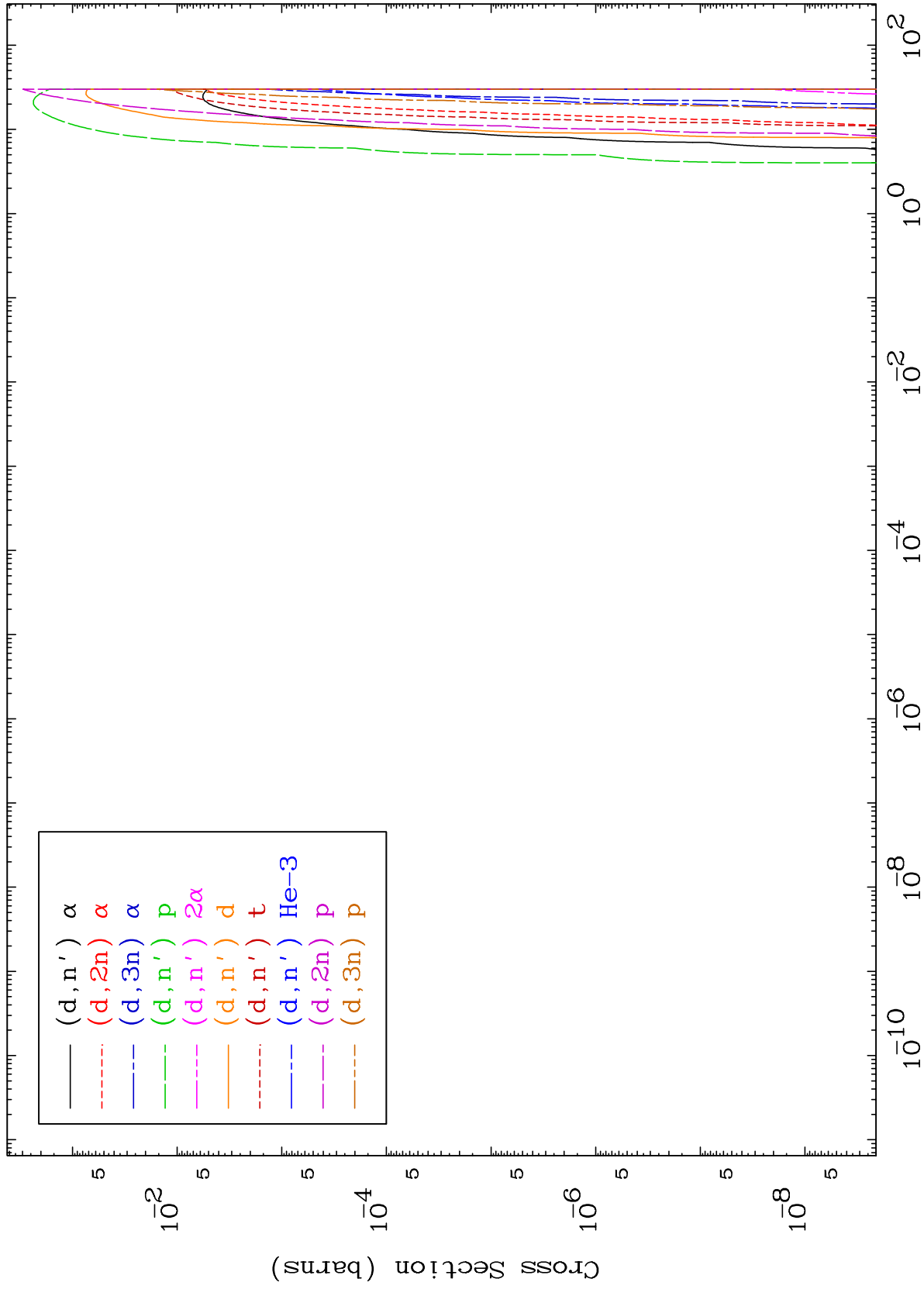
56-Ba-139



MAT 5652

Deuteron Charged Particle
0 Kelvin Cross Sections

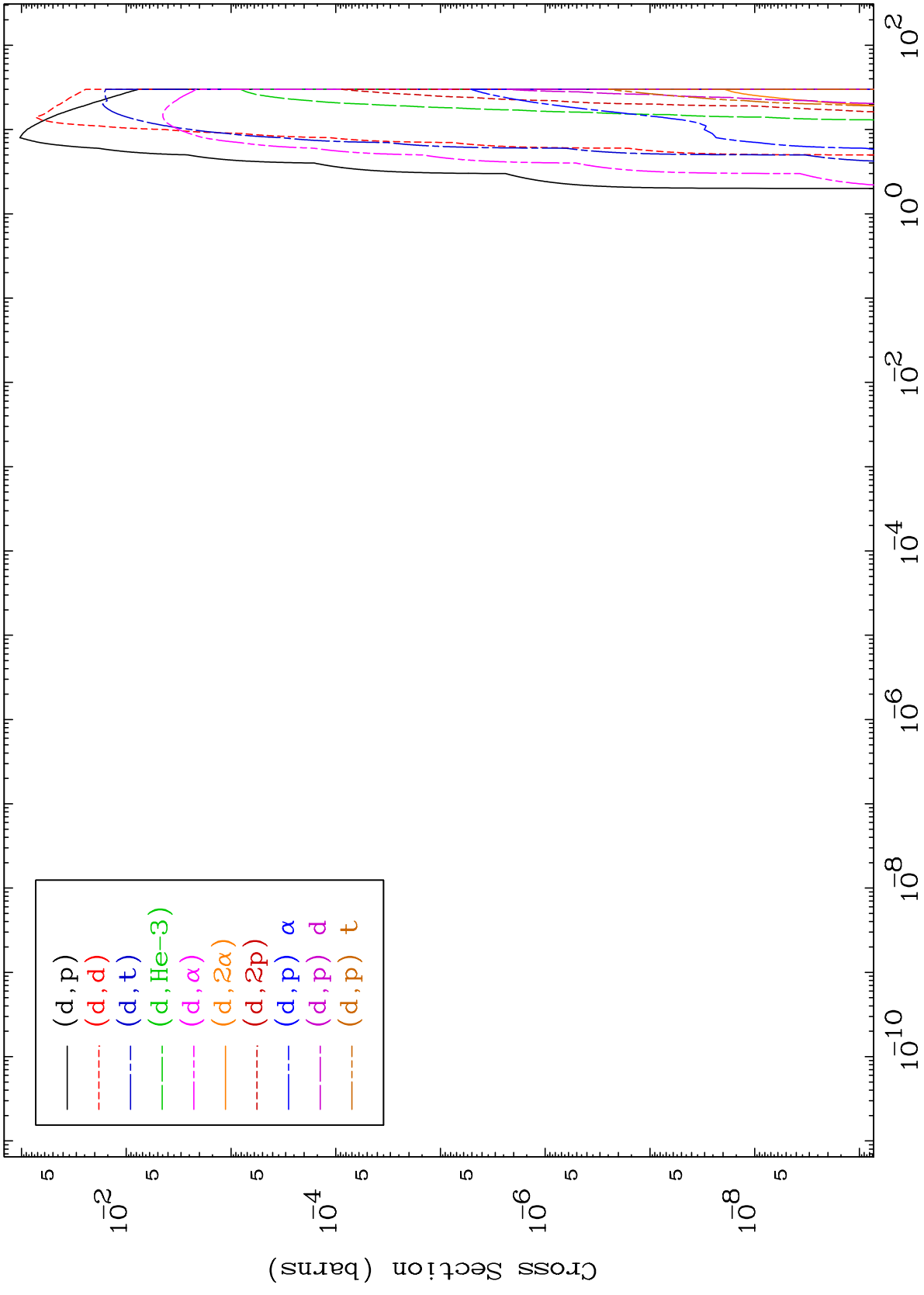
56-Ba-139



MAT 5652

Deuteron Charged Particle
0 Kelvin Cross Sections

56-Ba-139

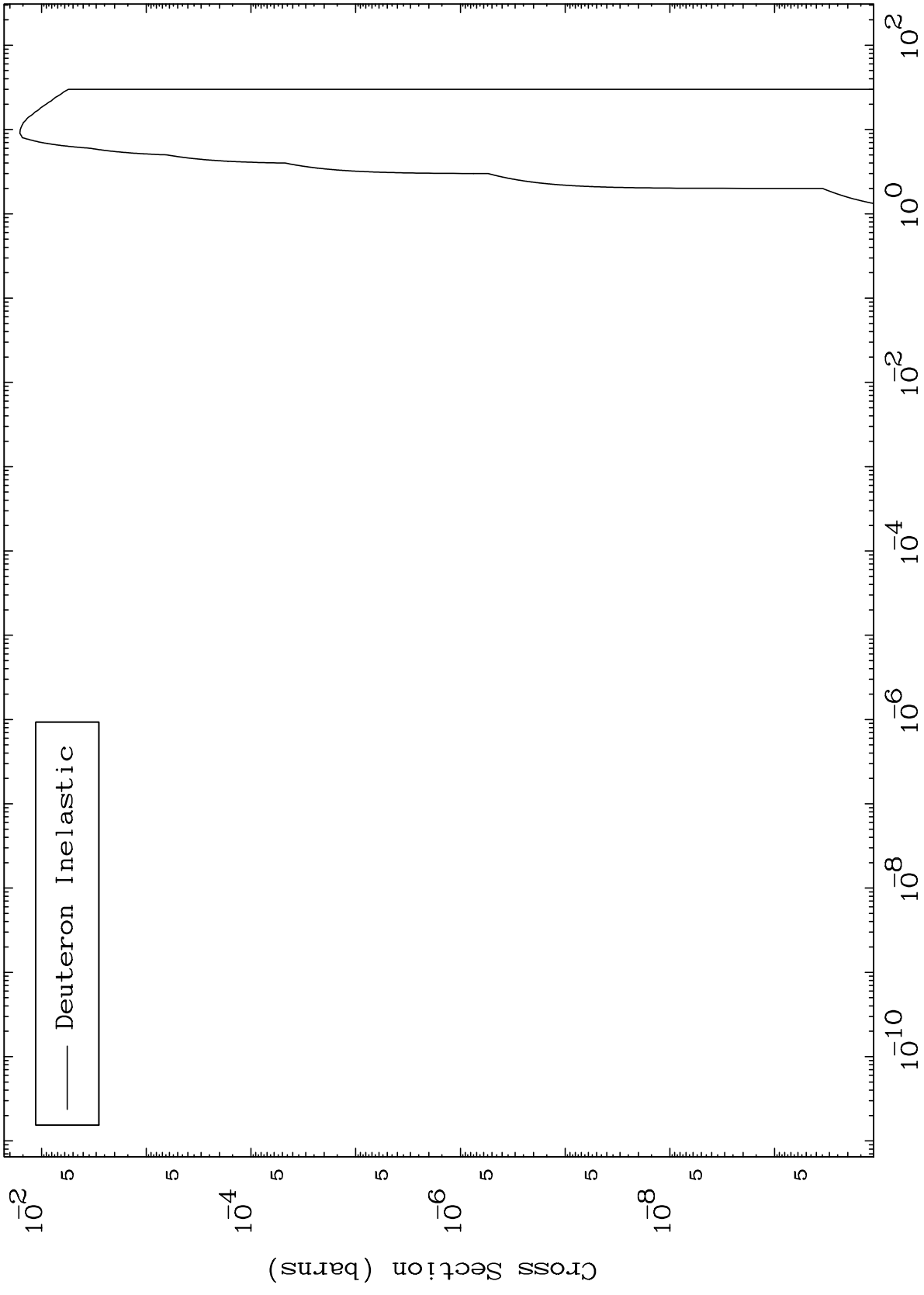


56-Ba-139

MAT 5652

(d,n') Level
0 Kelvin Cross Sections

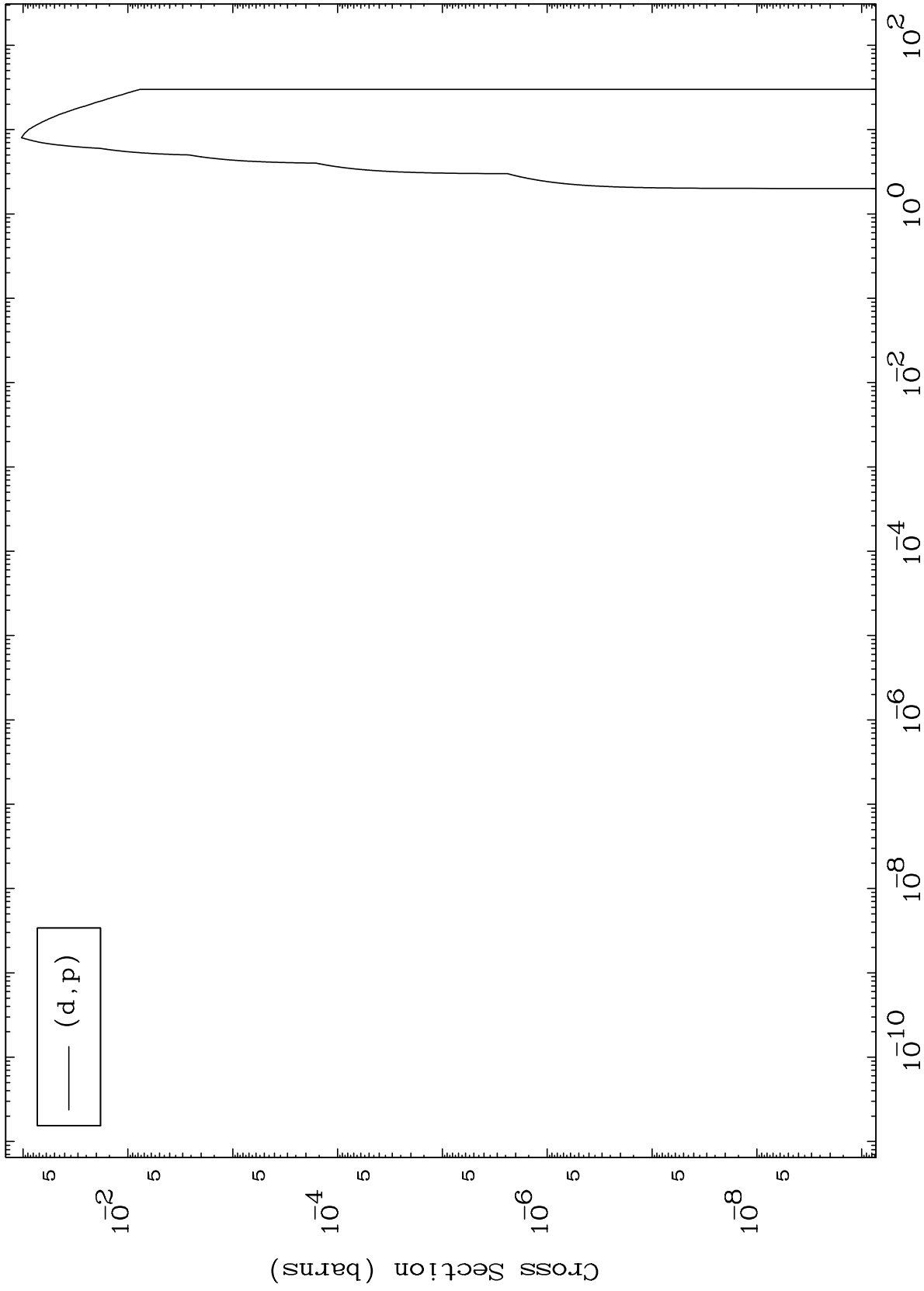
56-Ba-139



MAT 5652

(d,p) Levels
0 Kelvin Cross Sections

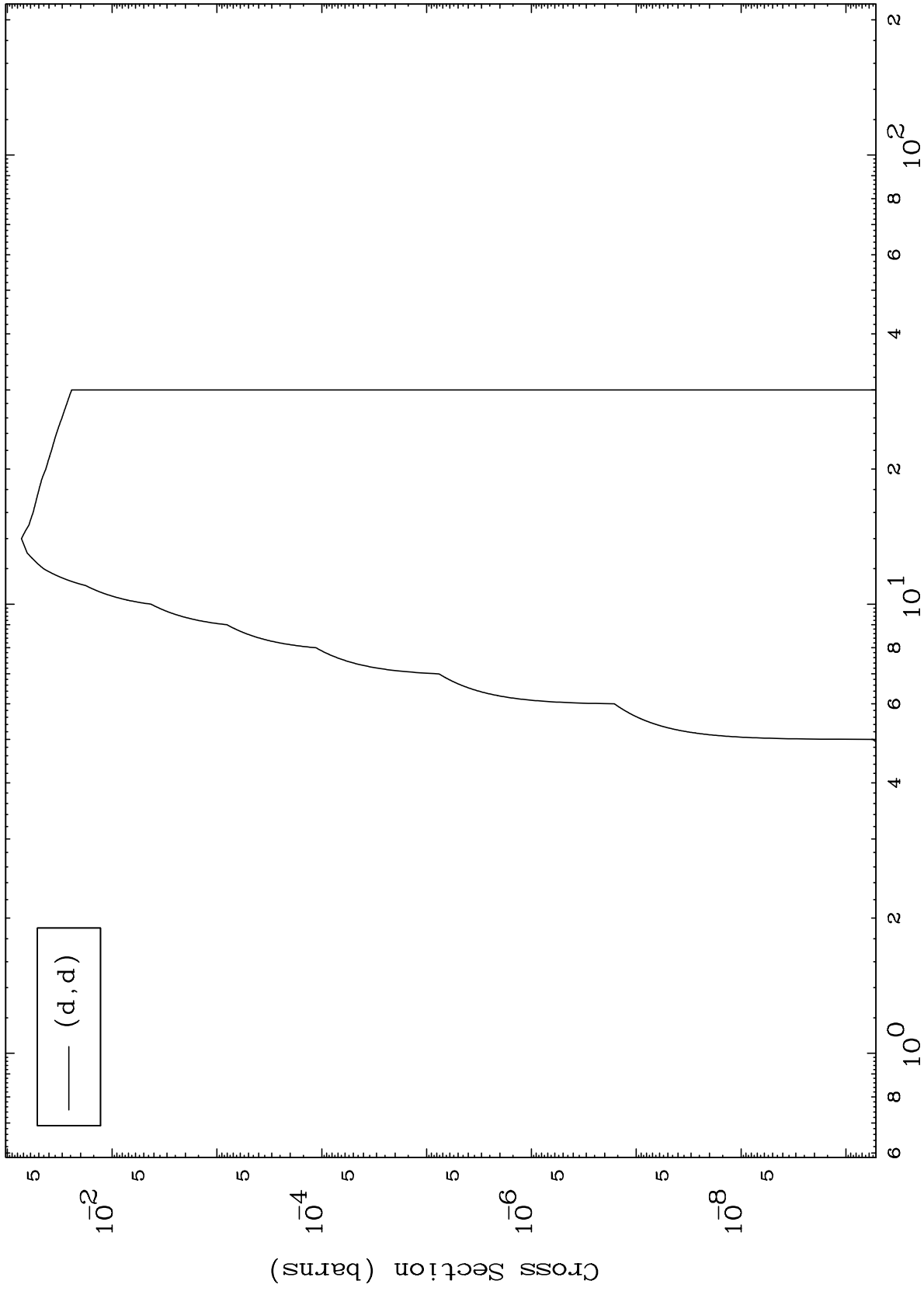
56-Ba-139



MAT 5652

(d,d) Levels
0 Kelvin Cross Sections

56-Ba-139



8

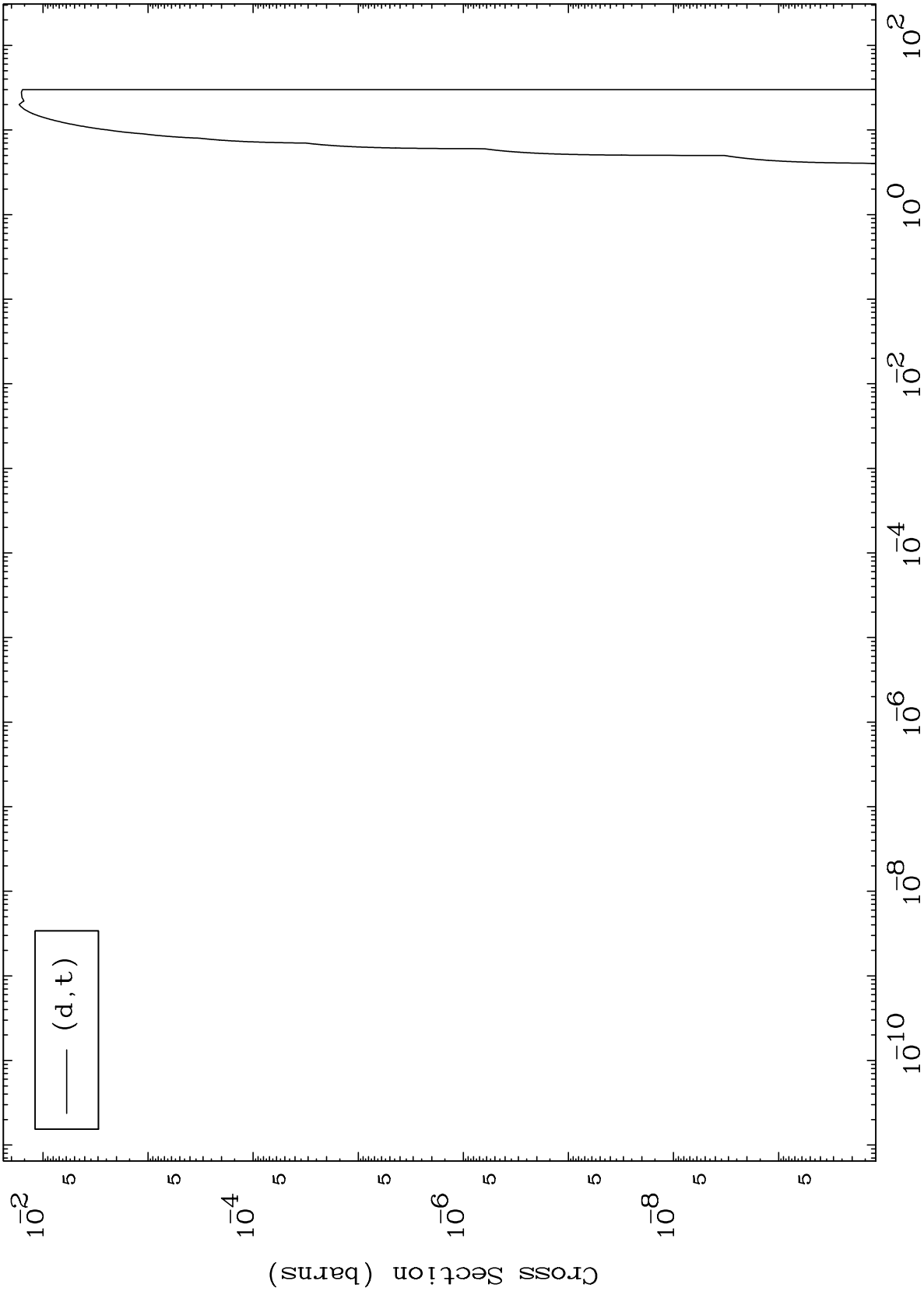
Incident Energy (MeV)

56-Ba-139

MAT 5652

(d,t) Levels
0 Kelvin Cross Sections

56-Ba-139



9

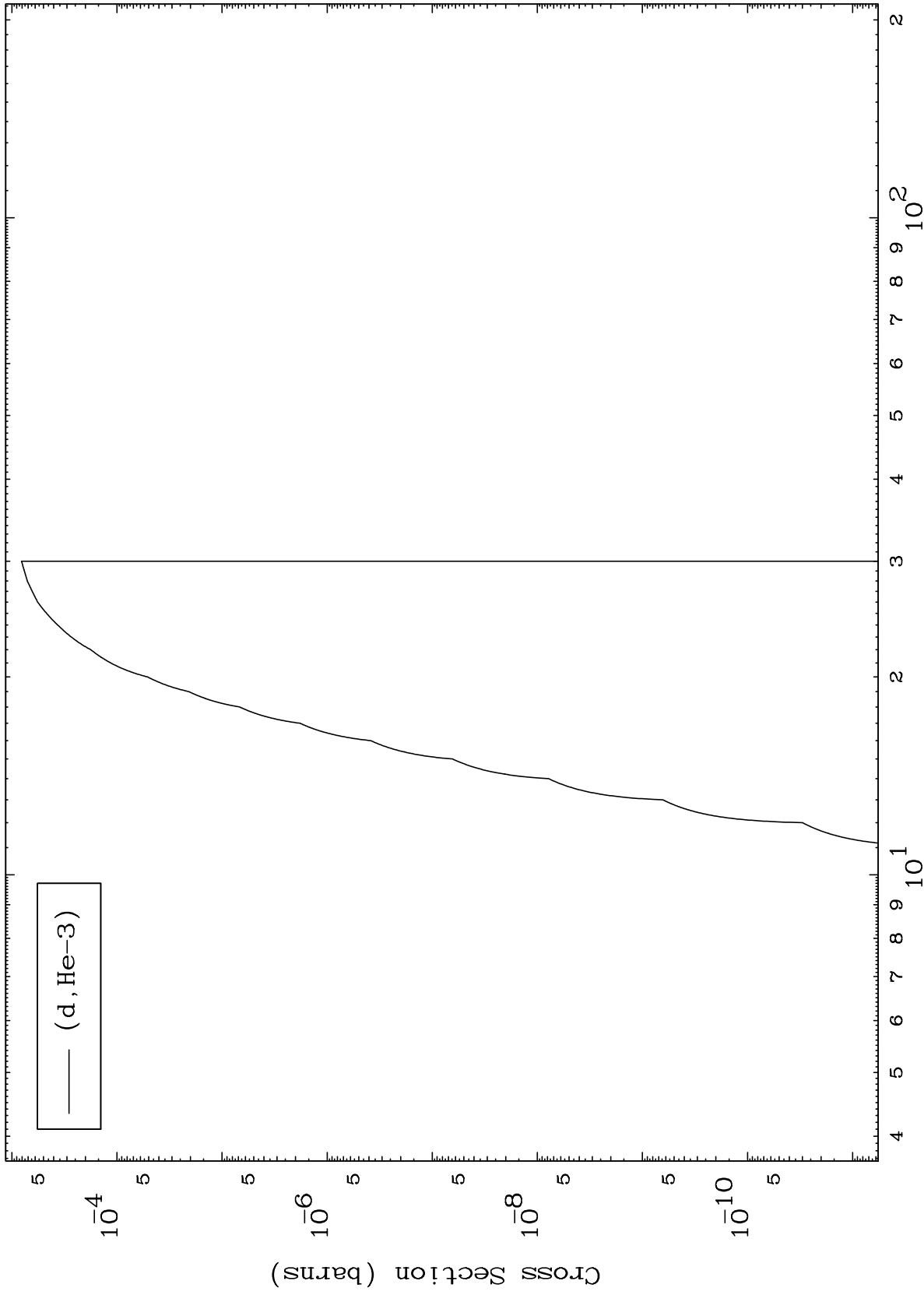
Incident Energy (MeV)

56-Ba-139

MAT 5652

(d,He3) Levels
0 Kelvin Cross Sections

56-Ba-139



10

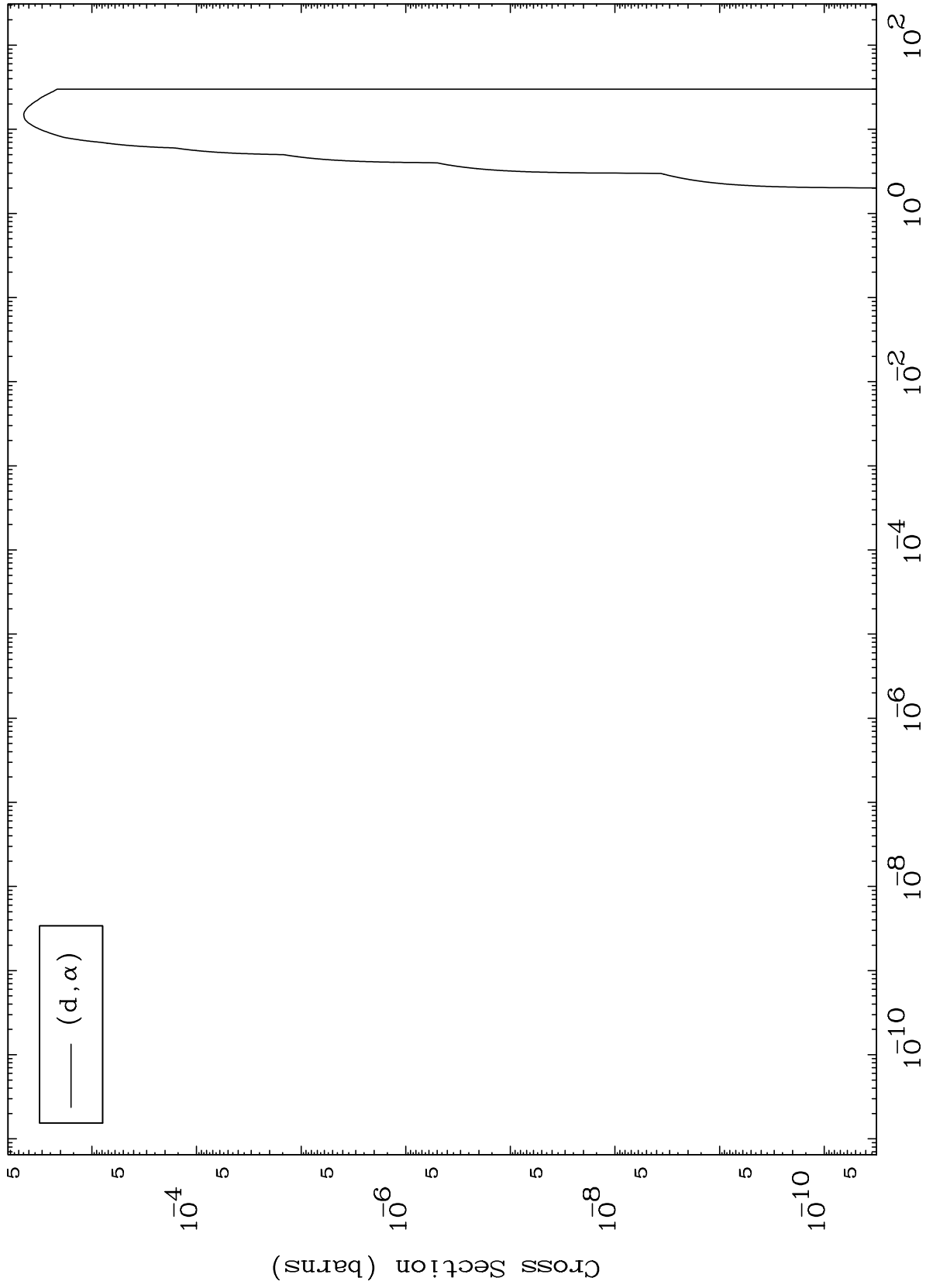
Incident Energy (MeV)

56-Ba-139

MAT 5652

(d, α) Levels
0 Kelvin Cross Sections

56-Ba-139



11

Incident Energy (MeV)

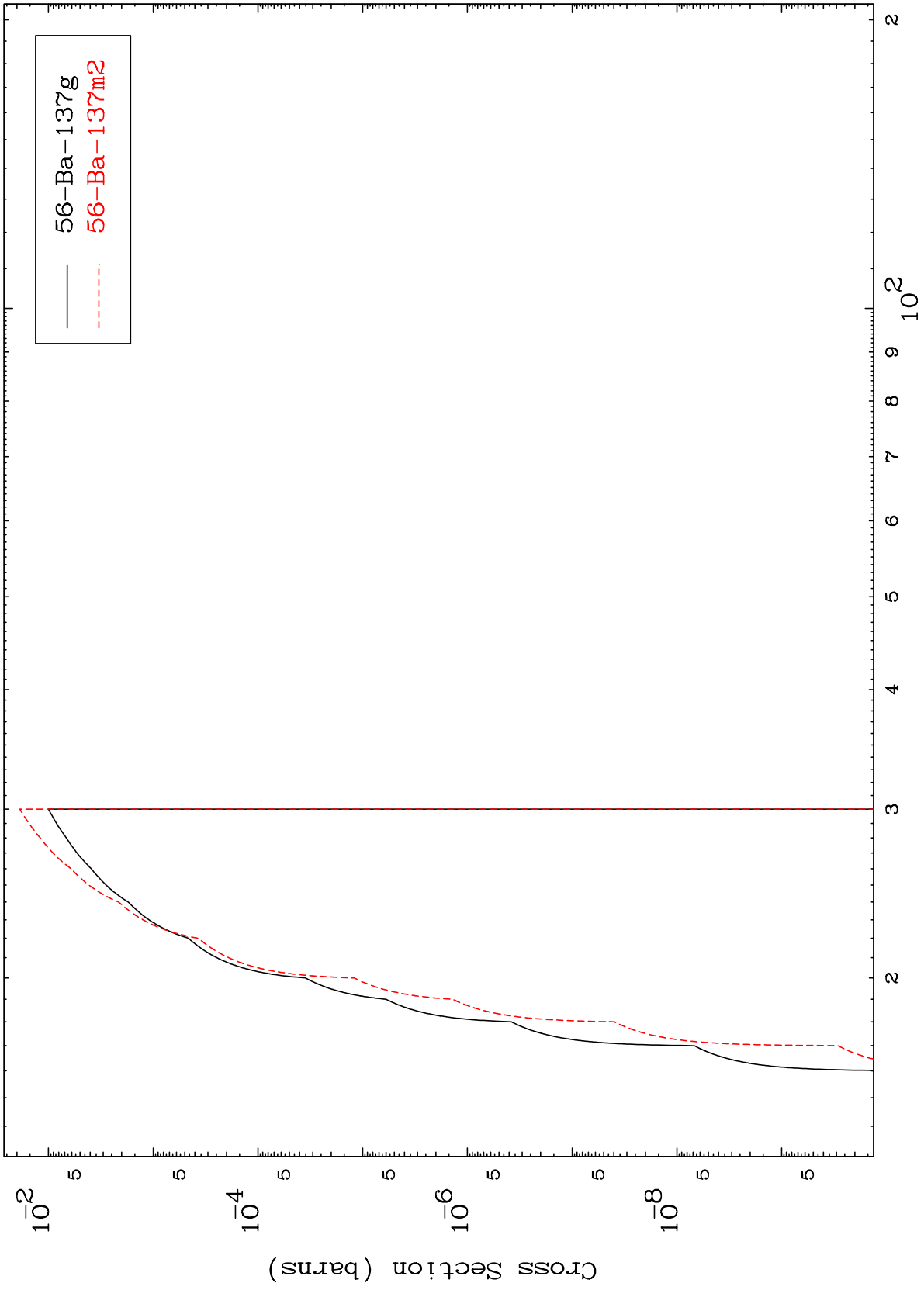
56-Ba-139

MAT 5652

(d,2n) d

56-Ba-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

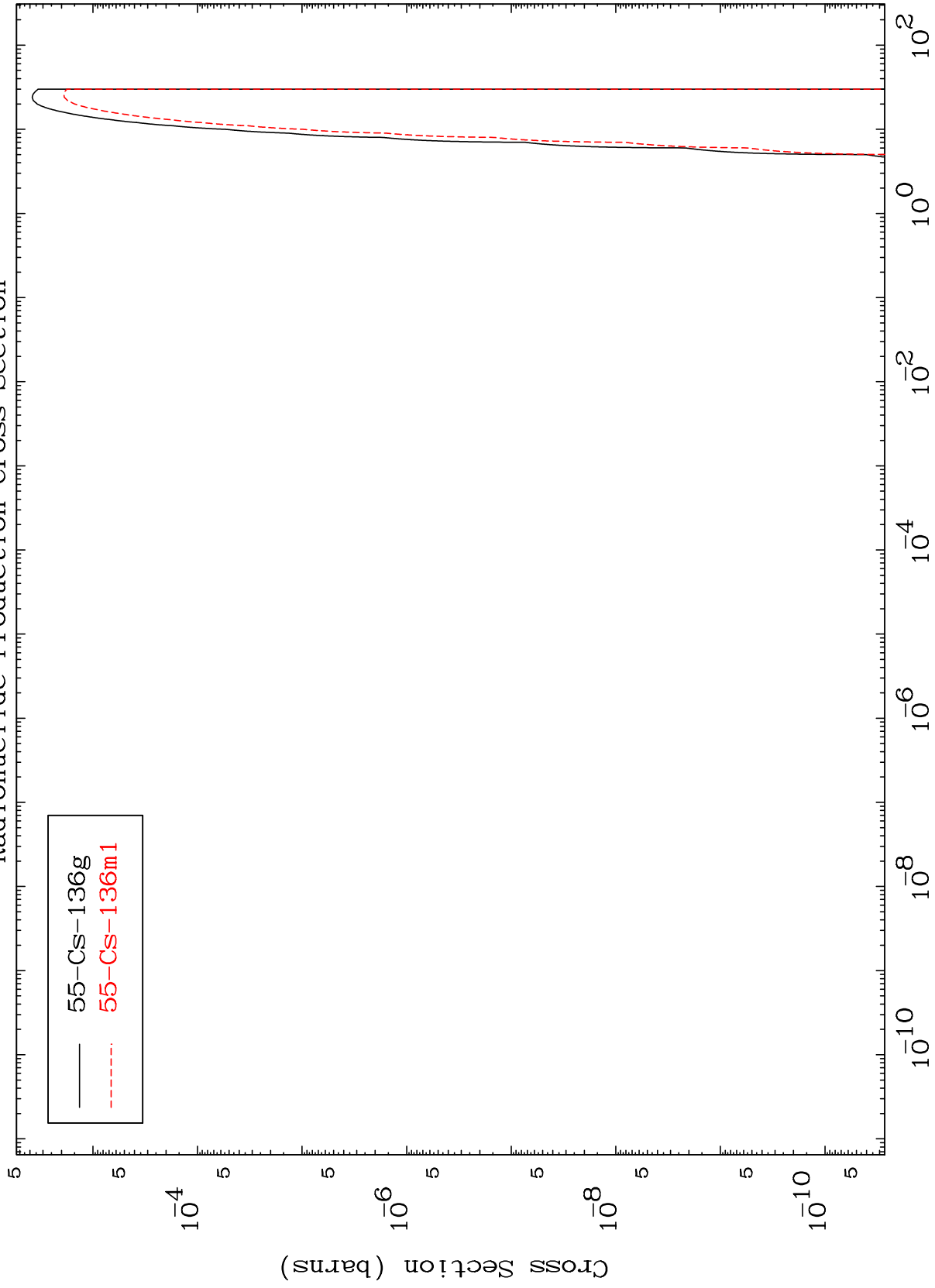
56-Ba-139

MAT 5652

(d,n') α

56-Ba-139

Radionuclide Production Cross Section



13

Incident Energy (MeV)

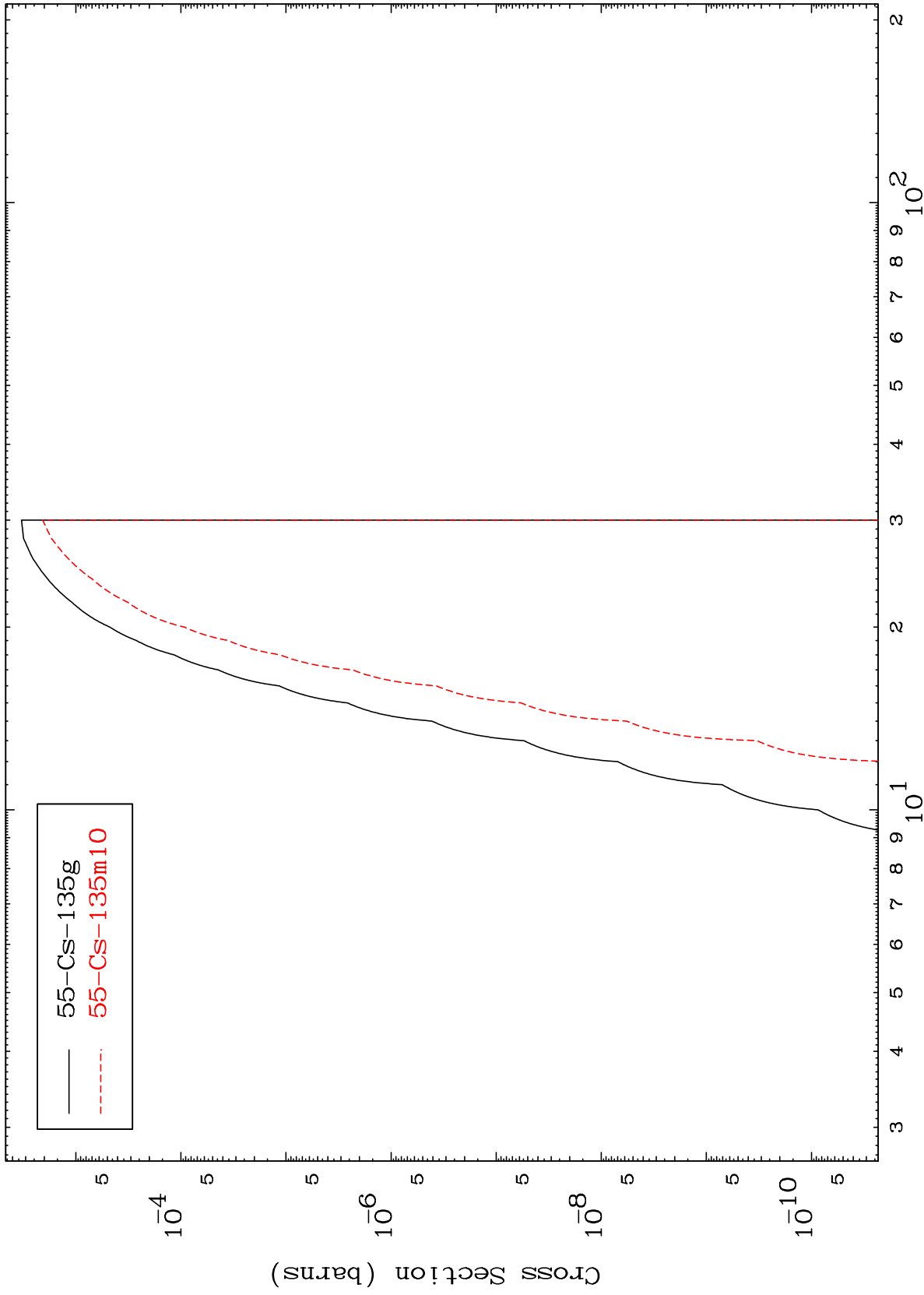
56-Ba-139

MAT 5652

(d,2n) α

56-Ba-139

Radionuclide Production Cross Section



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

14

Incident Energy (MeV)

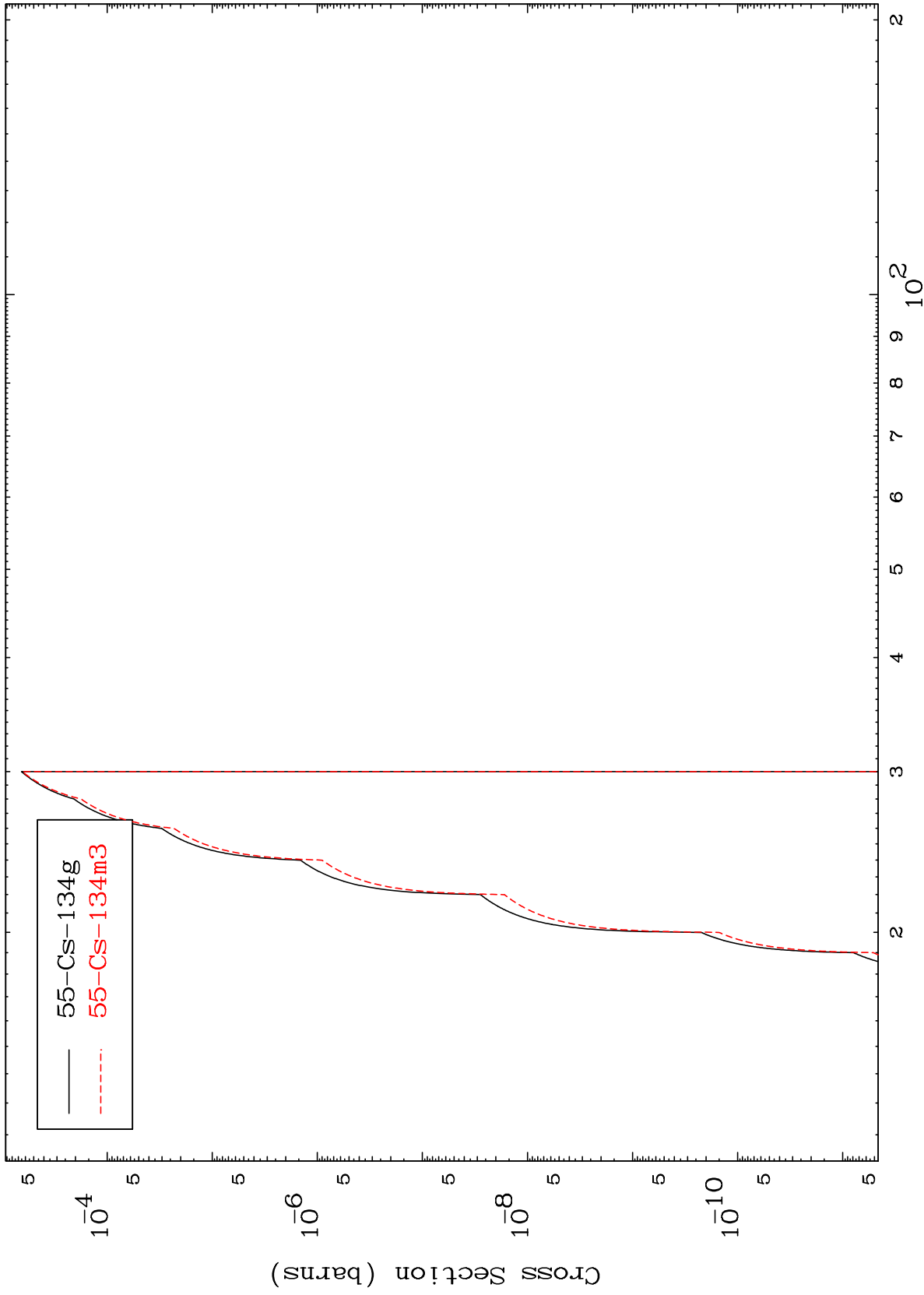
56-Ba-139

MAT 5652

(d,3n) α

56-Ba-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

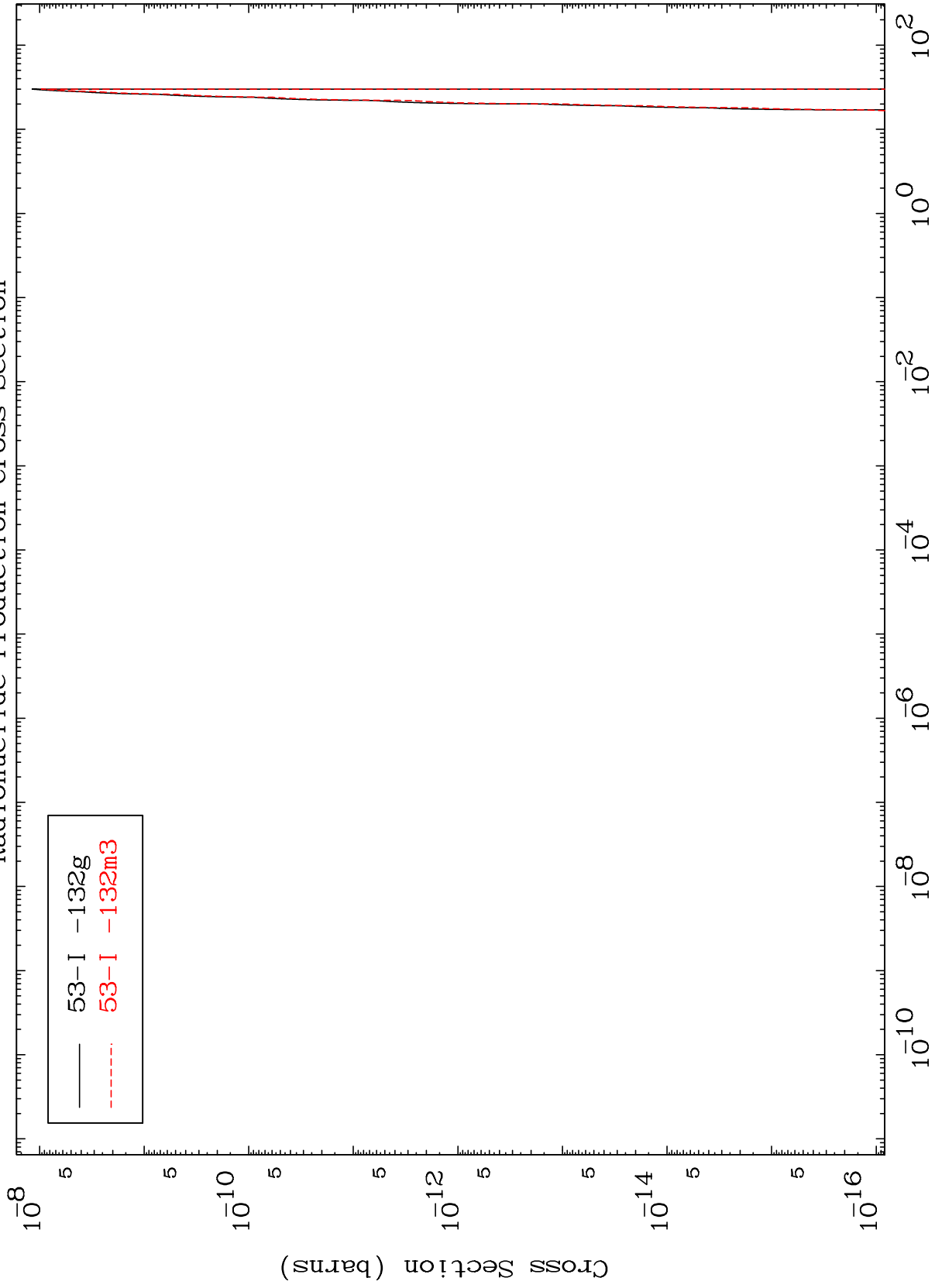
56-Ba-139

MAT 5652

(d,n') 2 α

56-Ba-139

Radionuclide Production Cross Section



16

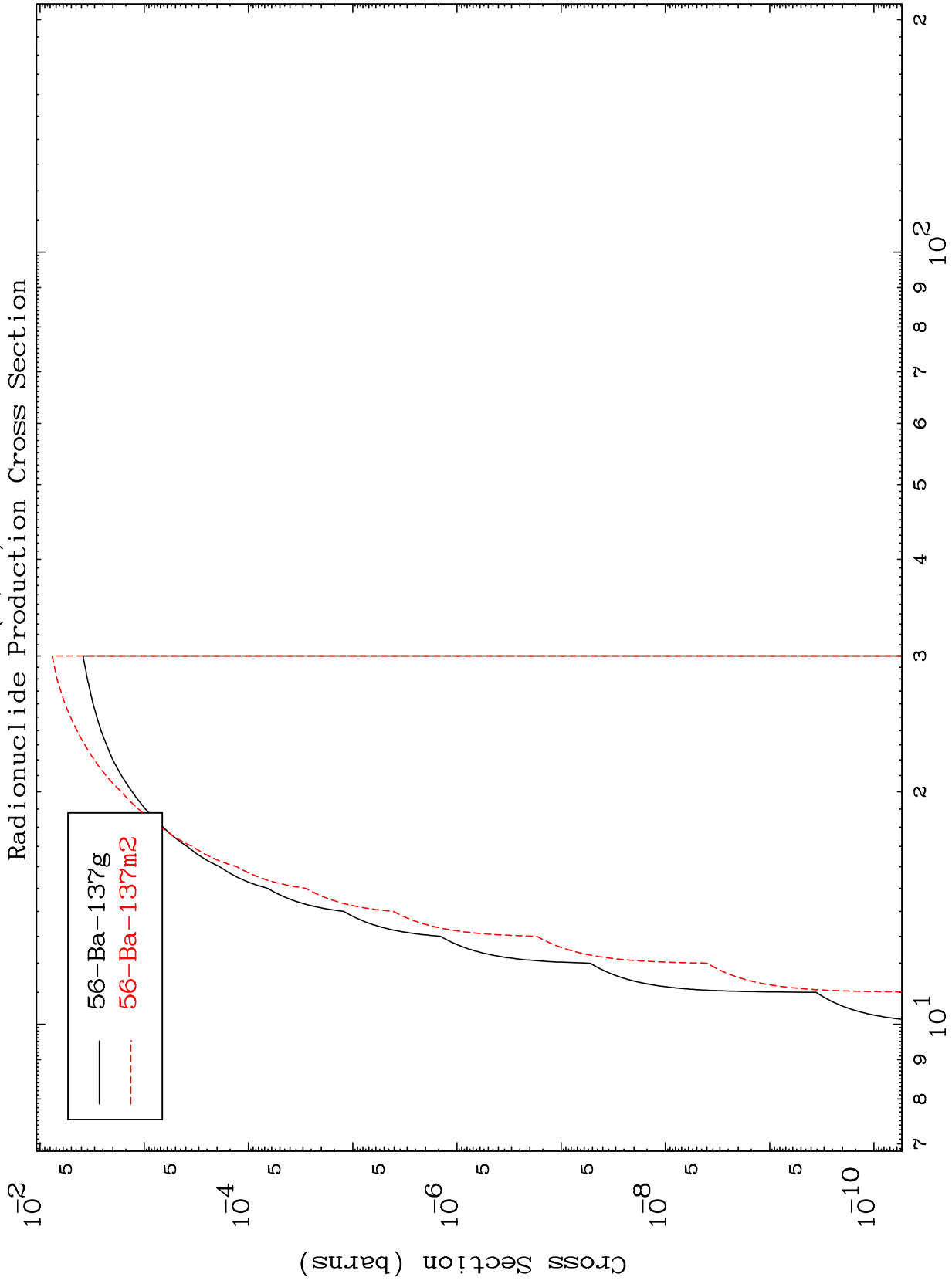
Incident Energy (MeV)

56-Ba-139

MAT 5652

(d,n') t

56-Ba-139



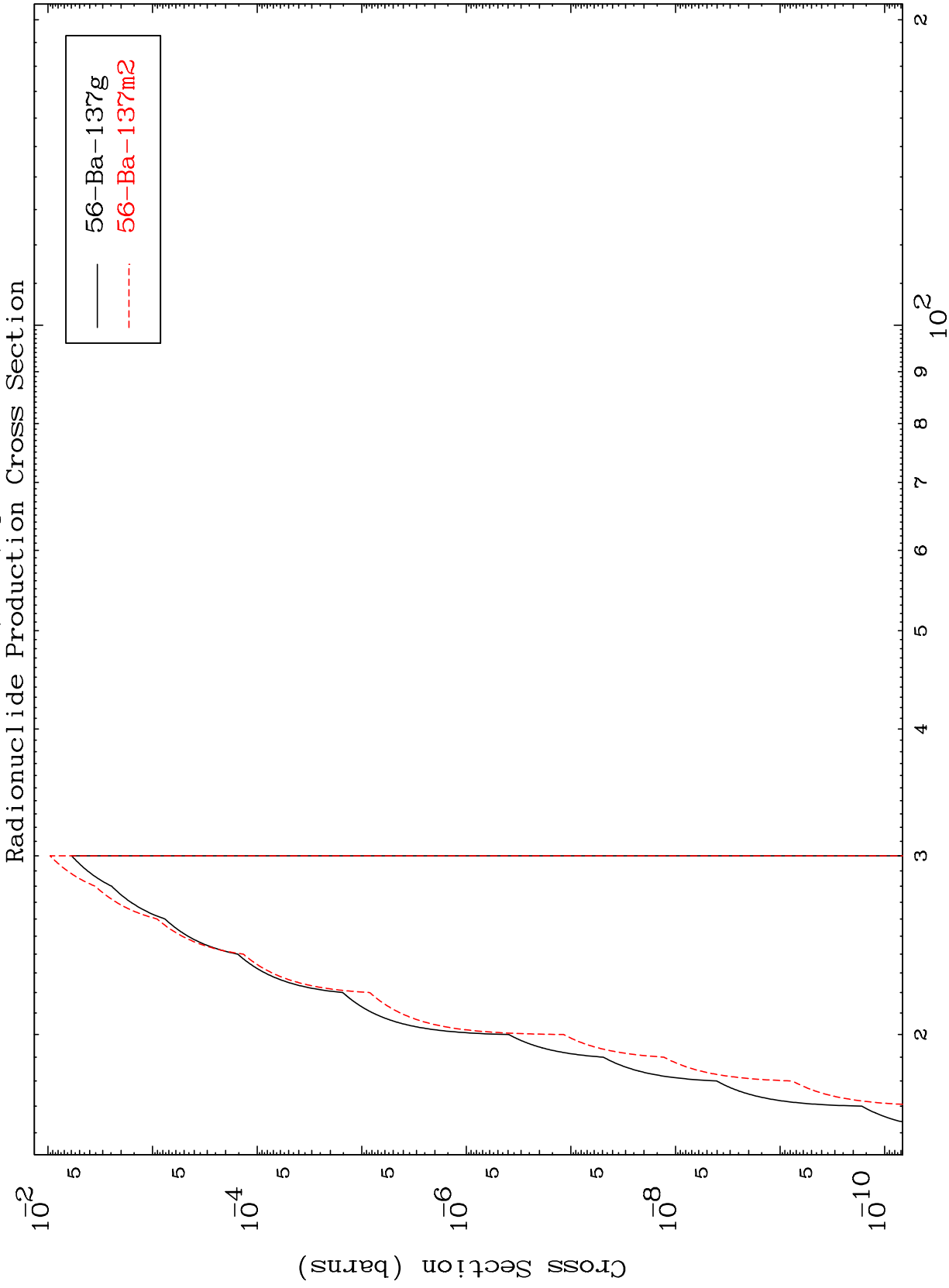
56-Ba-139

17

MAT 5652

(d,3n) p

56-Ba-139



18

Incident Energy (MeV)

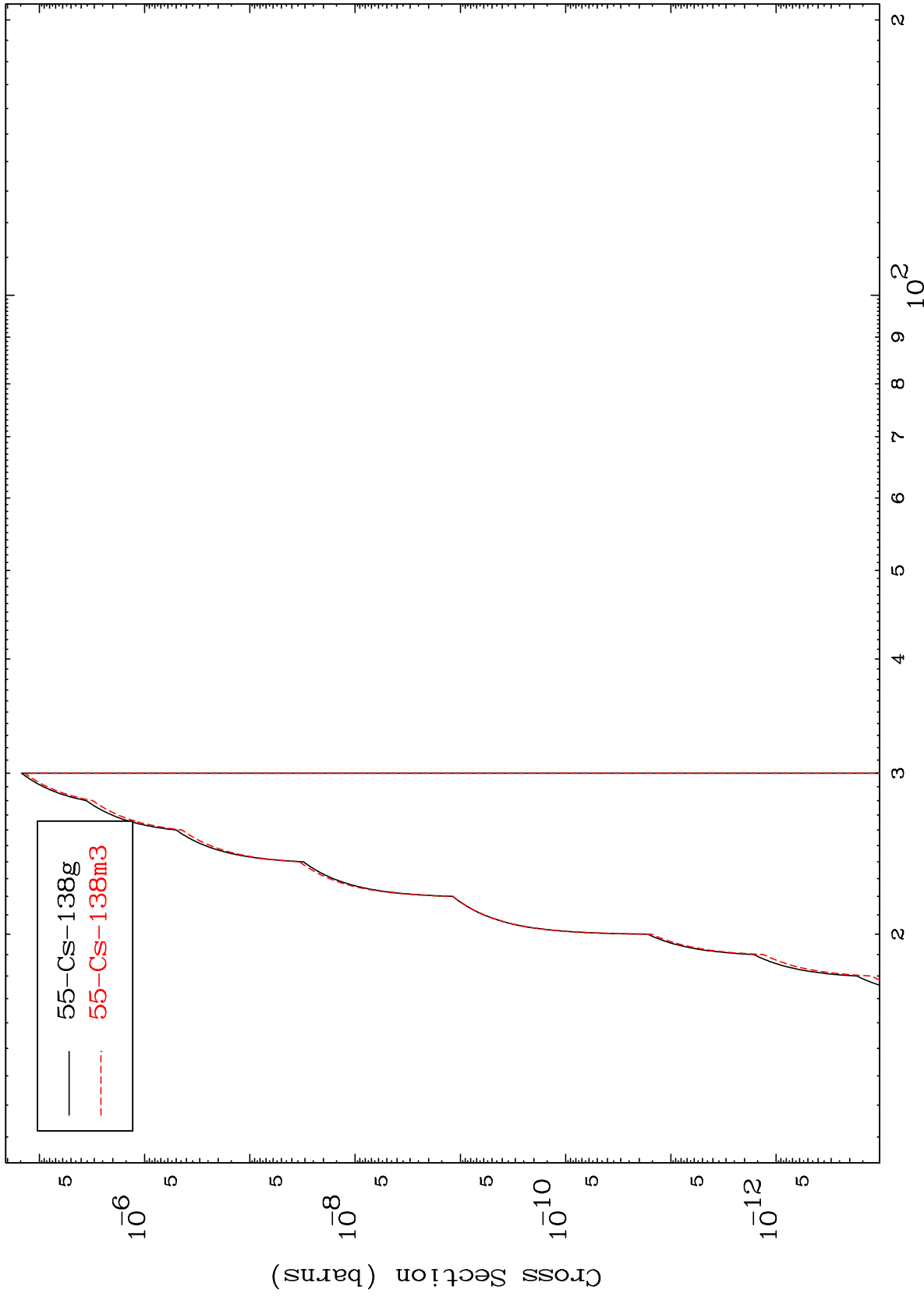
56-Ba-139

MAT 5652

(d,2n) p

56-Ba-139

Radionuclide Production Cross Section



19

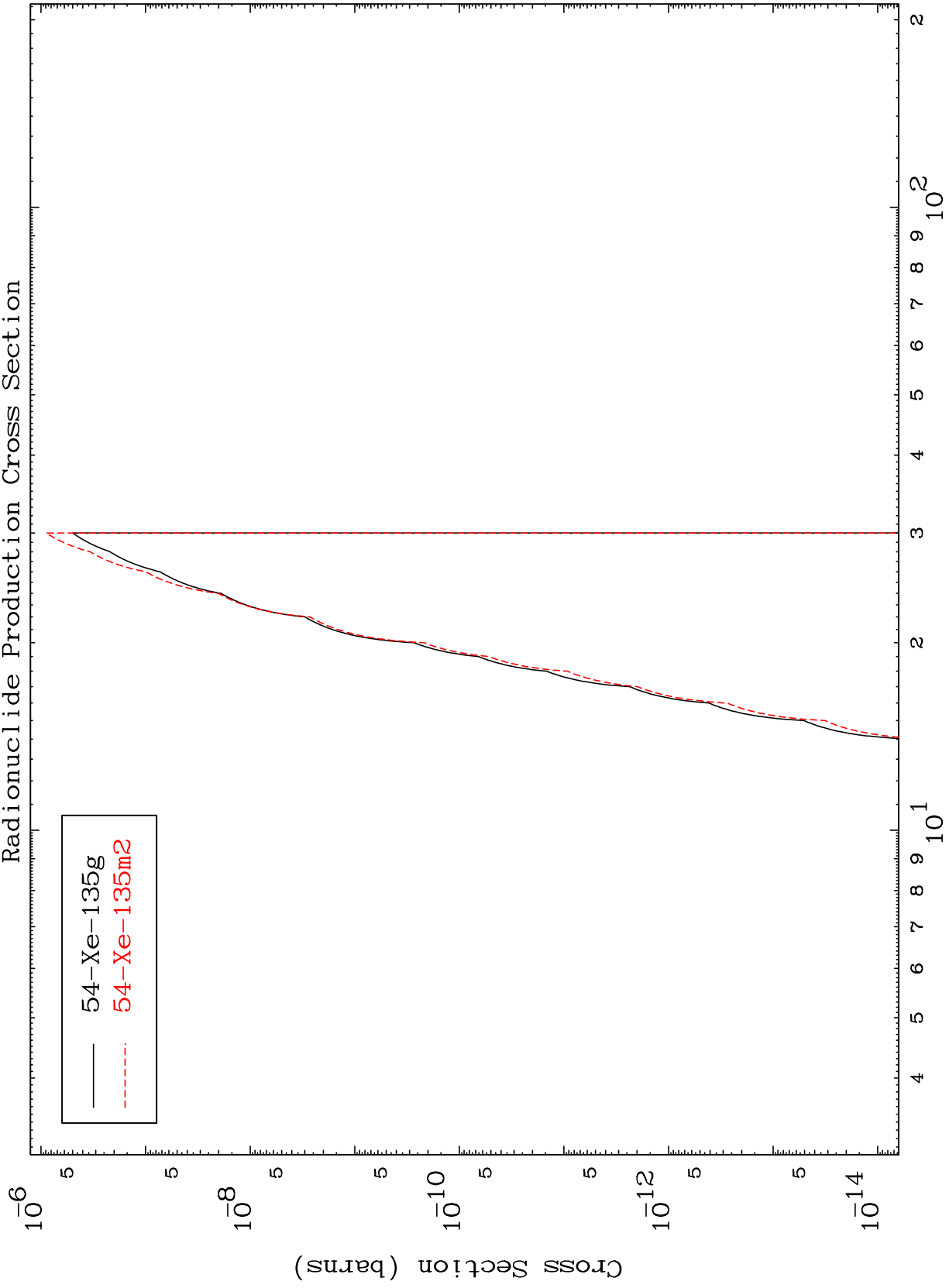
Incident Energy (MeV)

56-Ba-139

MAT 5652

56-Ba-139

(d,n') p α
Radionuclide Production Cross Section



20

Incident Energy (MeV)

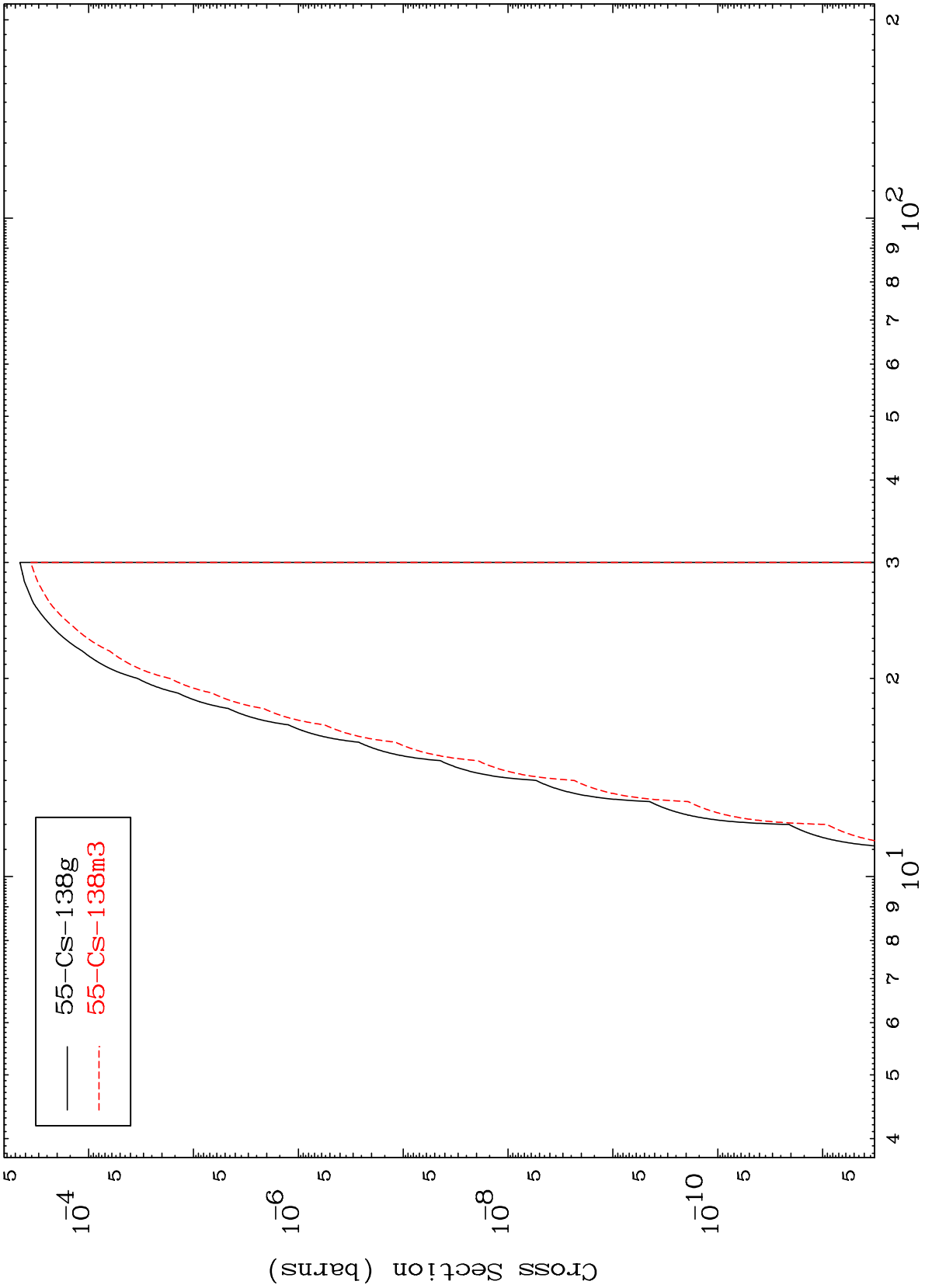
56-Ba-139

MAT 5652

(d, He-3)

56-Ba-139

Radionuclide Production Cross Section



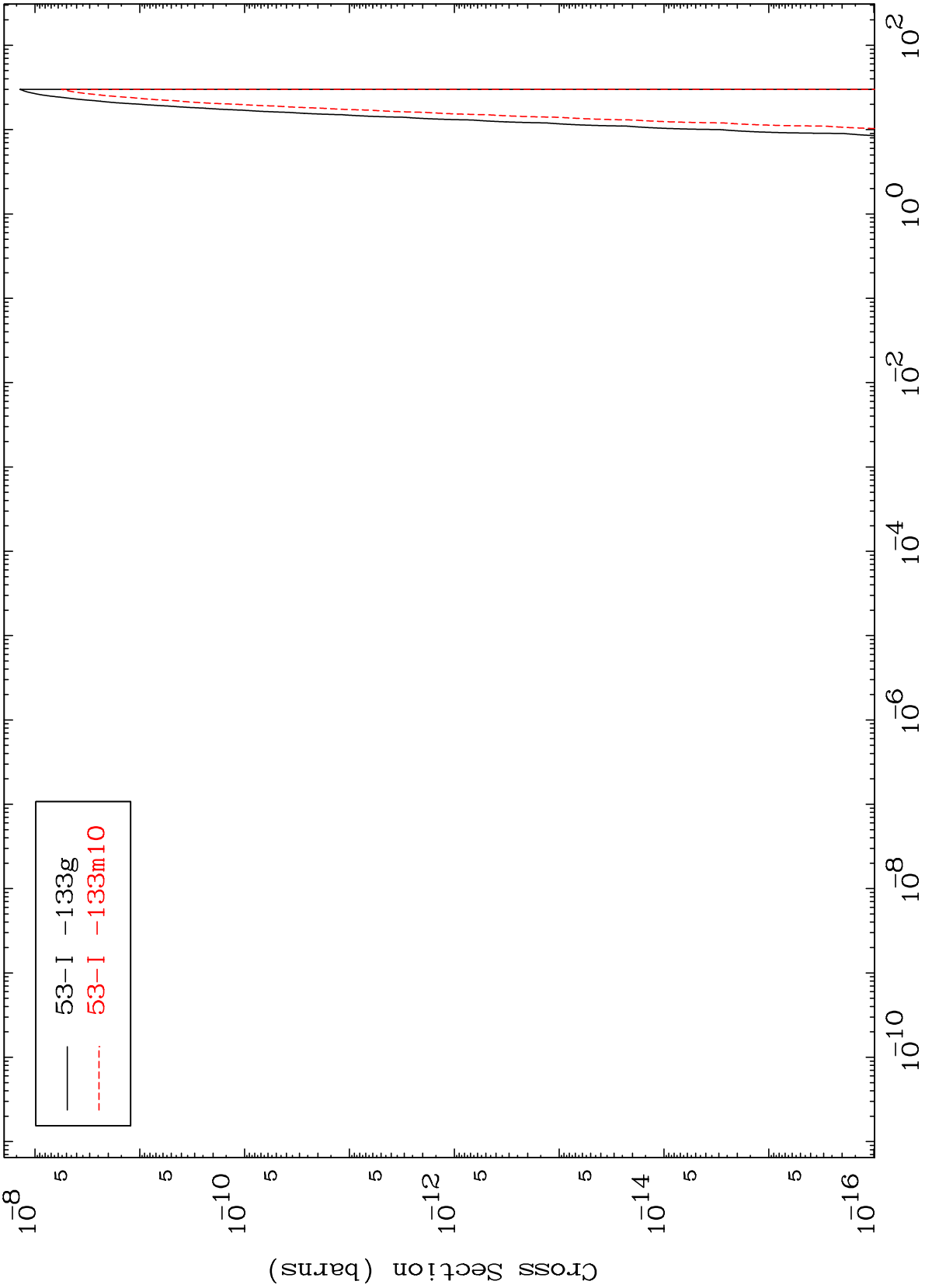
55-Cs-138g
55-Cs-138m3

MAT 5652

(d,2α)

56-Ba-139

Radionuclide Production Cross Section



22

Incident Energy (MeV)

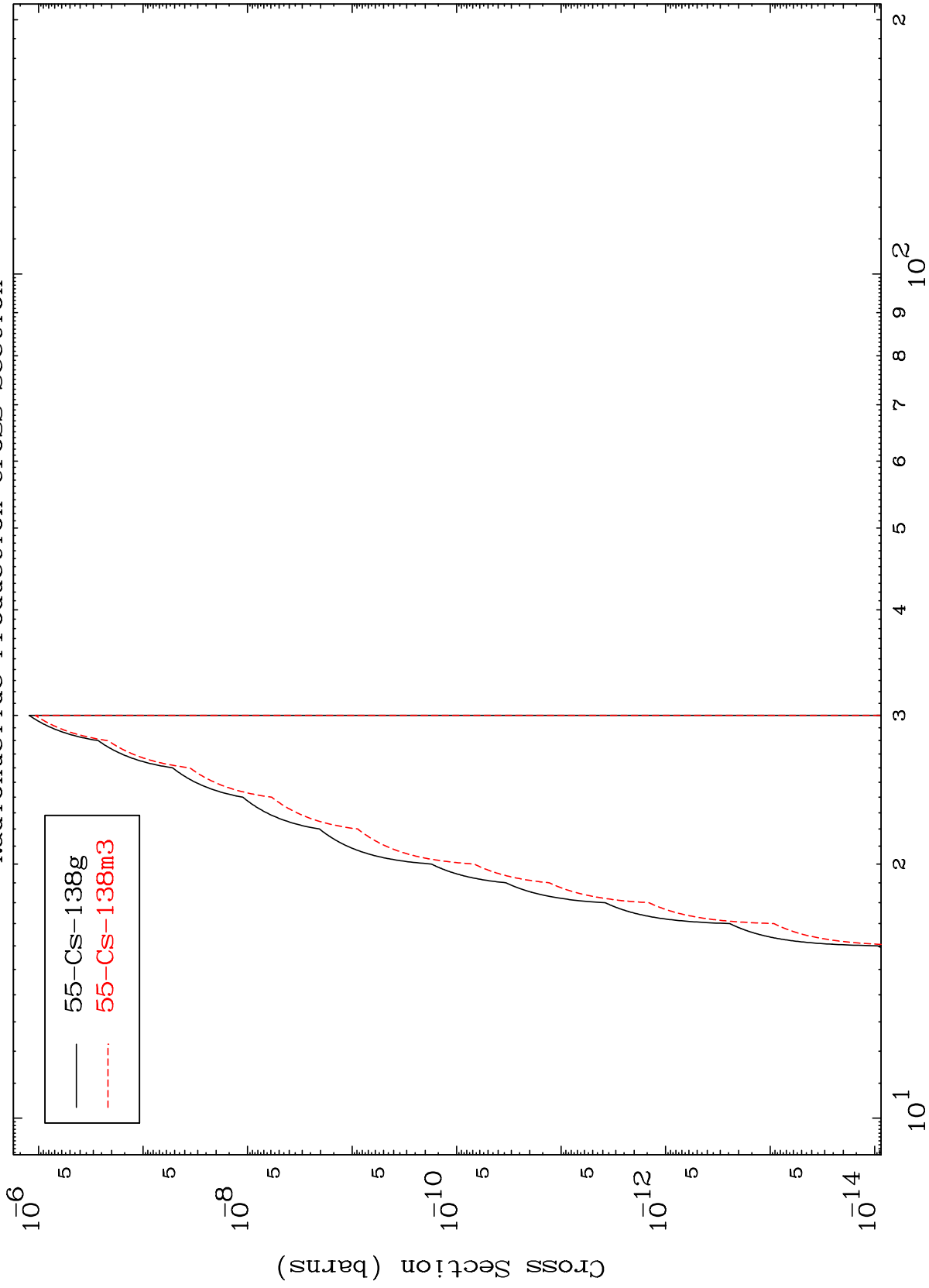
56-Ba-139

MAT 5652

(d,p) d

56-Ba-139

Radionuclide Production Cross Section



23

Incident Energy (MeV)

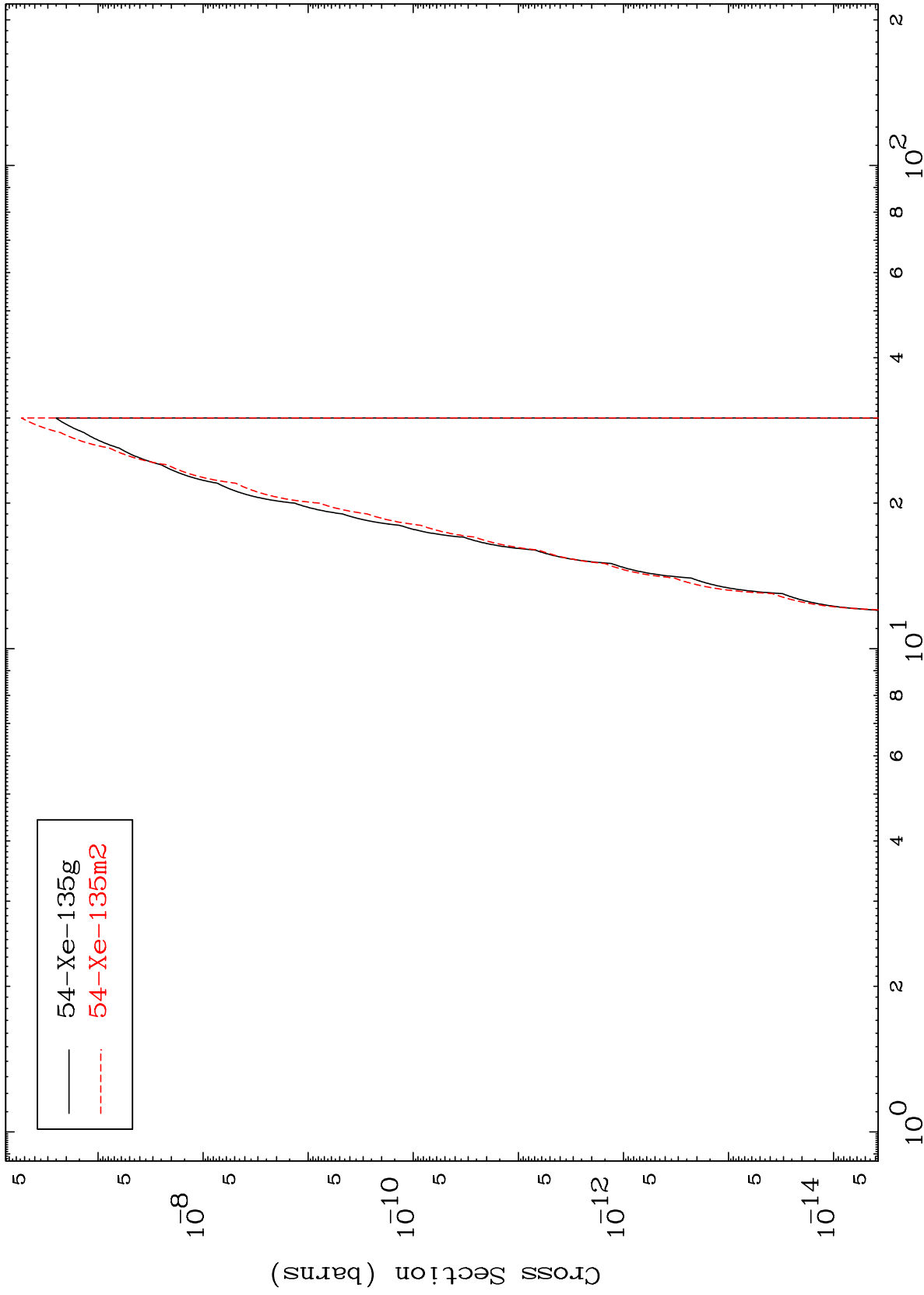
56-Ba-139

MAT 5652

(d,d) α

56-Ba-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

56-Ba-139