

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

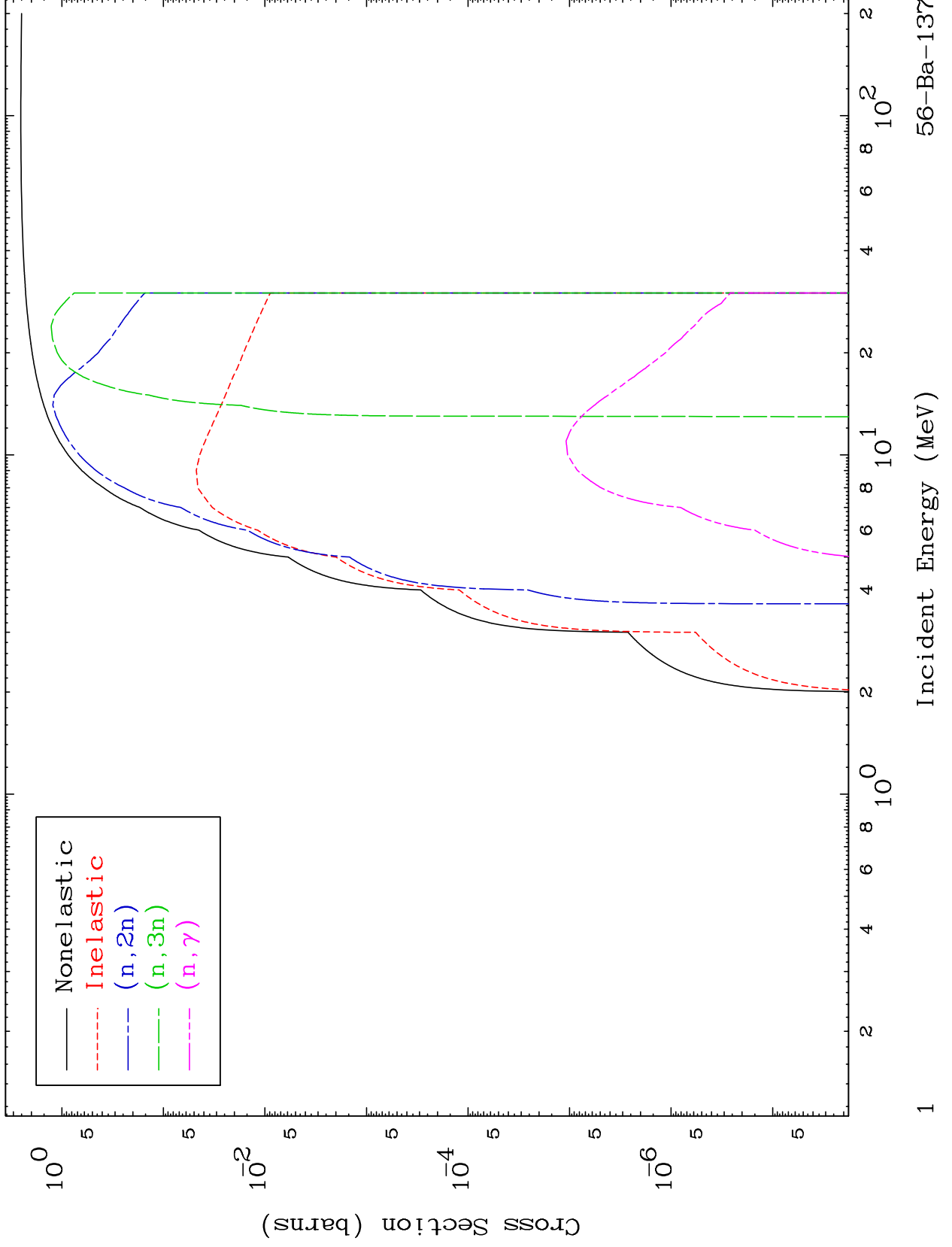
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5646

Deuteron Major
0 Kelvin Cross Sections

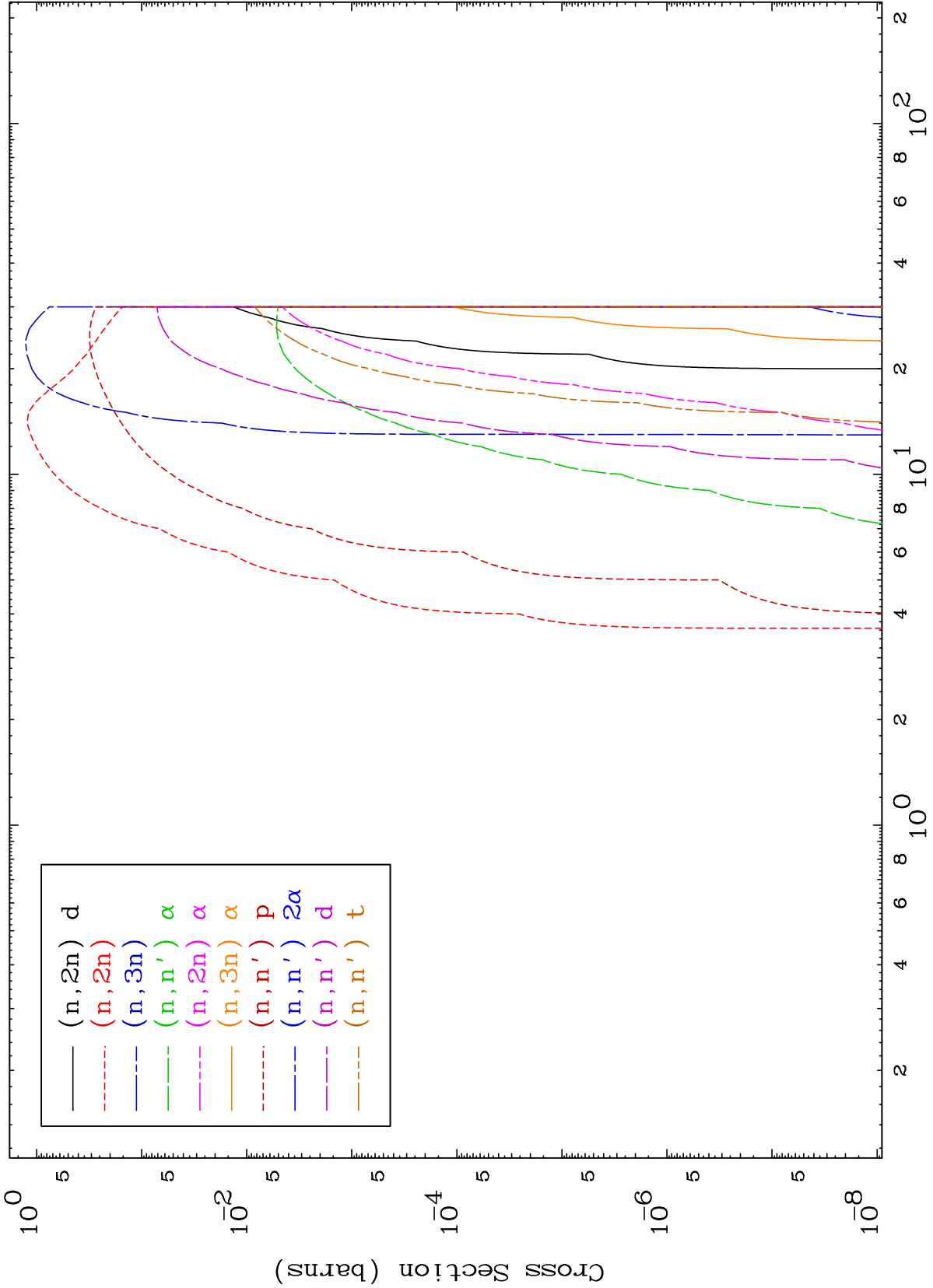
56-Ba-137



MAT 5646

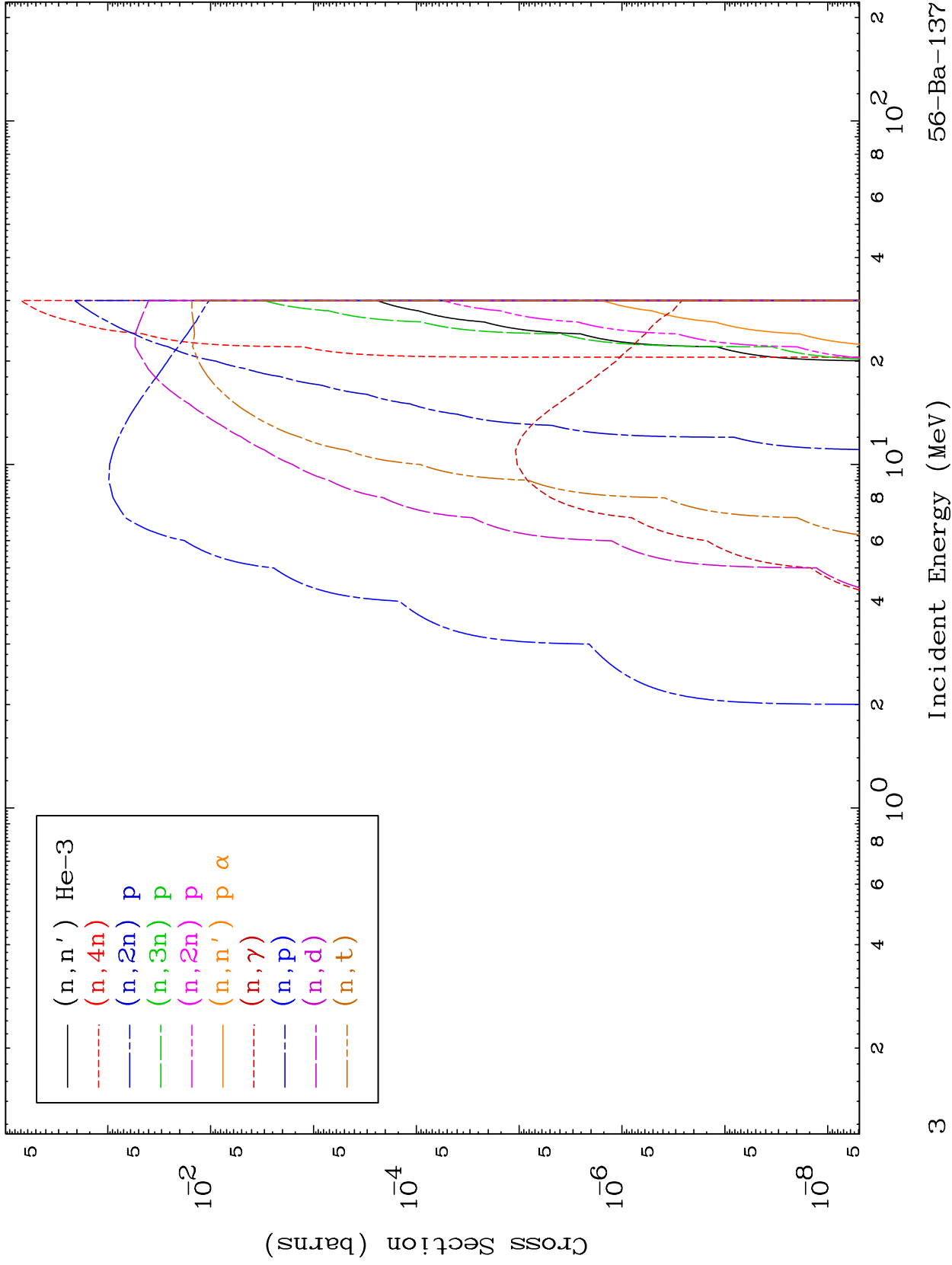
Deuteron Neutron Absorption
0 Kelvin Cross Sections

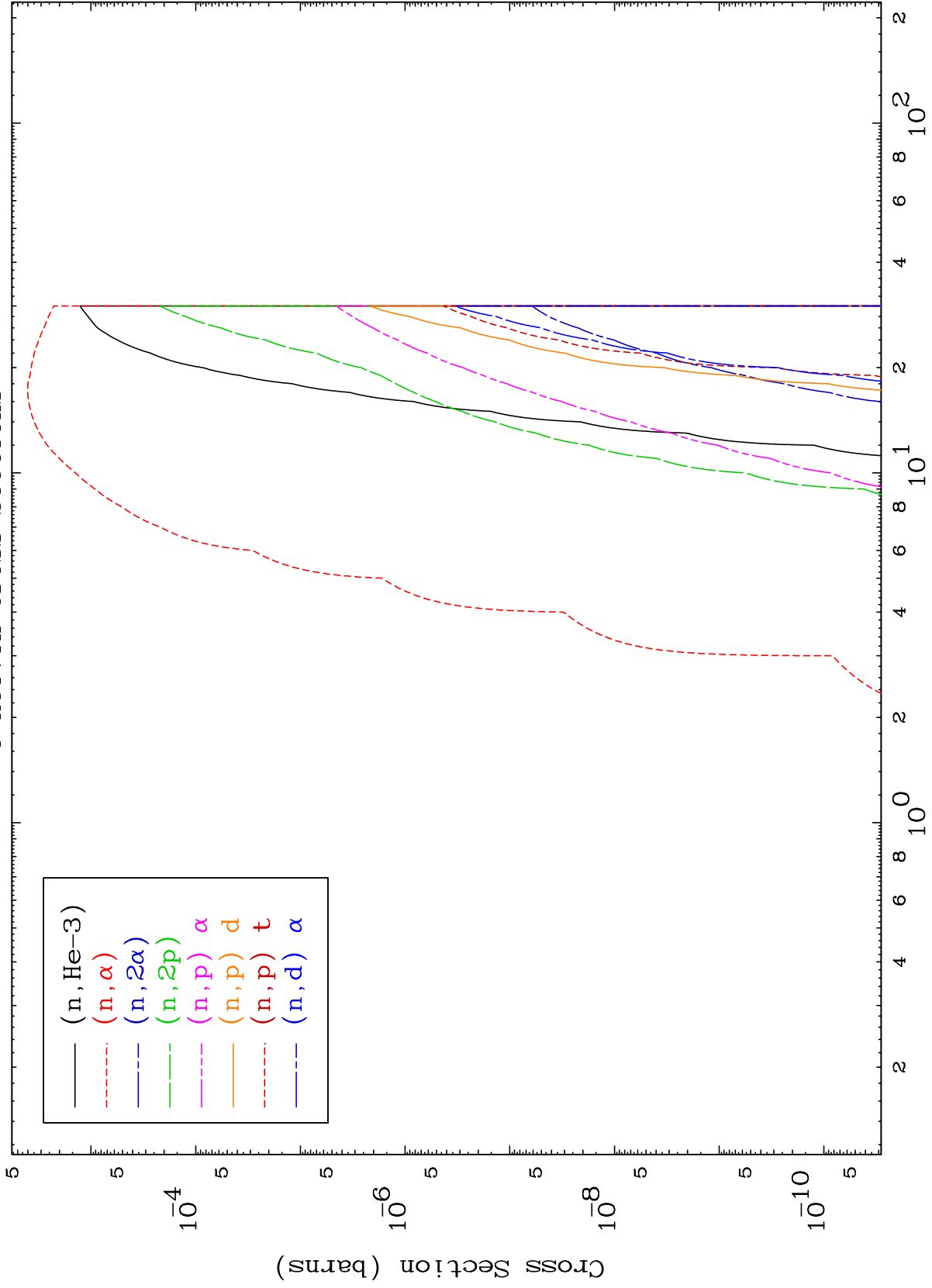
56-Ba-137

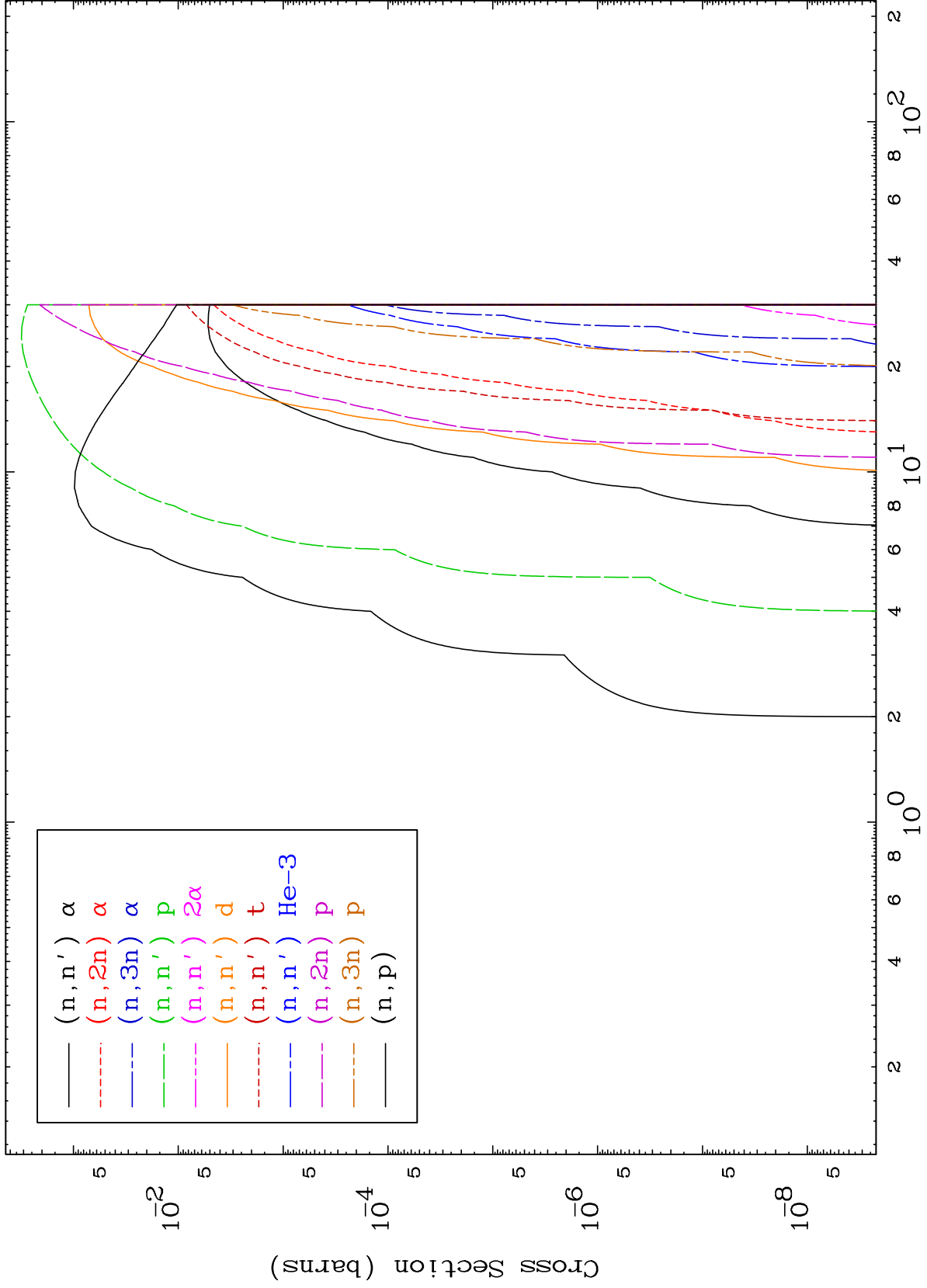


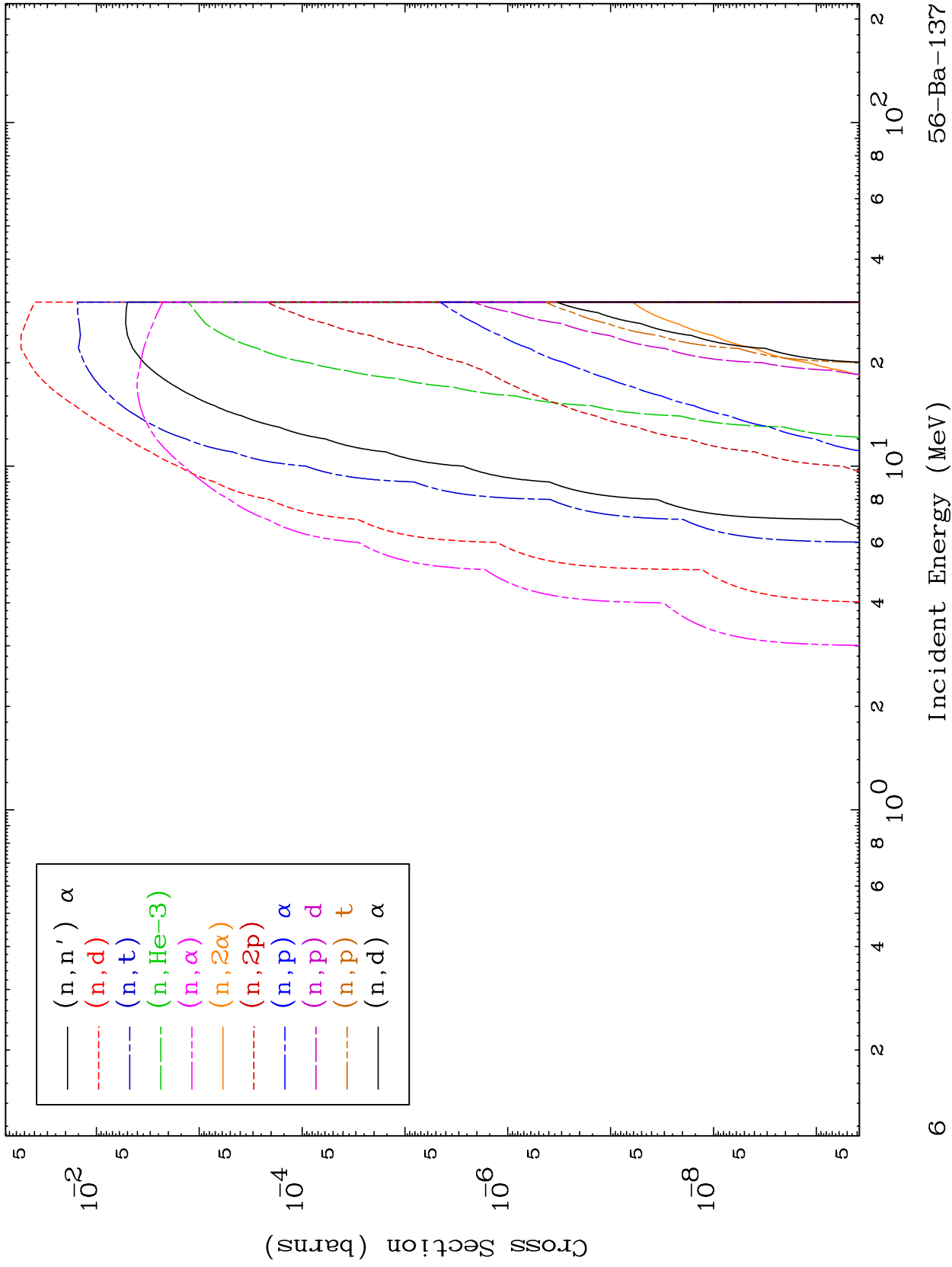
56-Ba-137

Incident Energy (MeV)





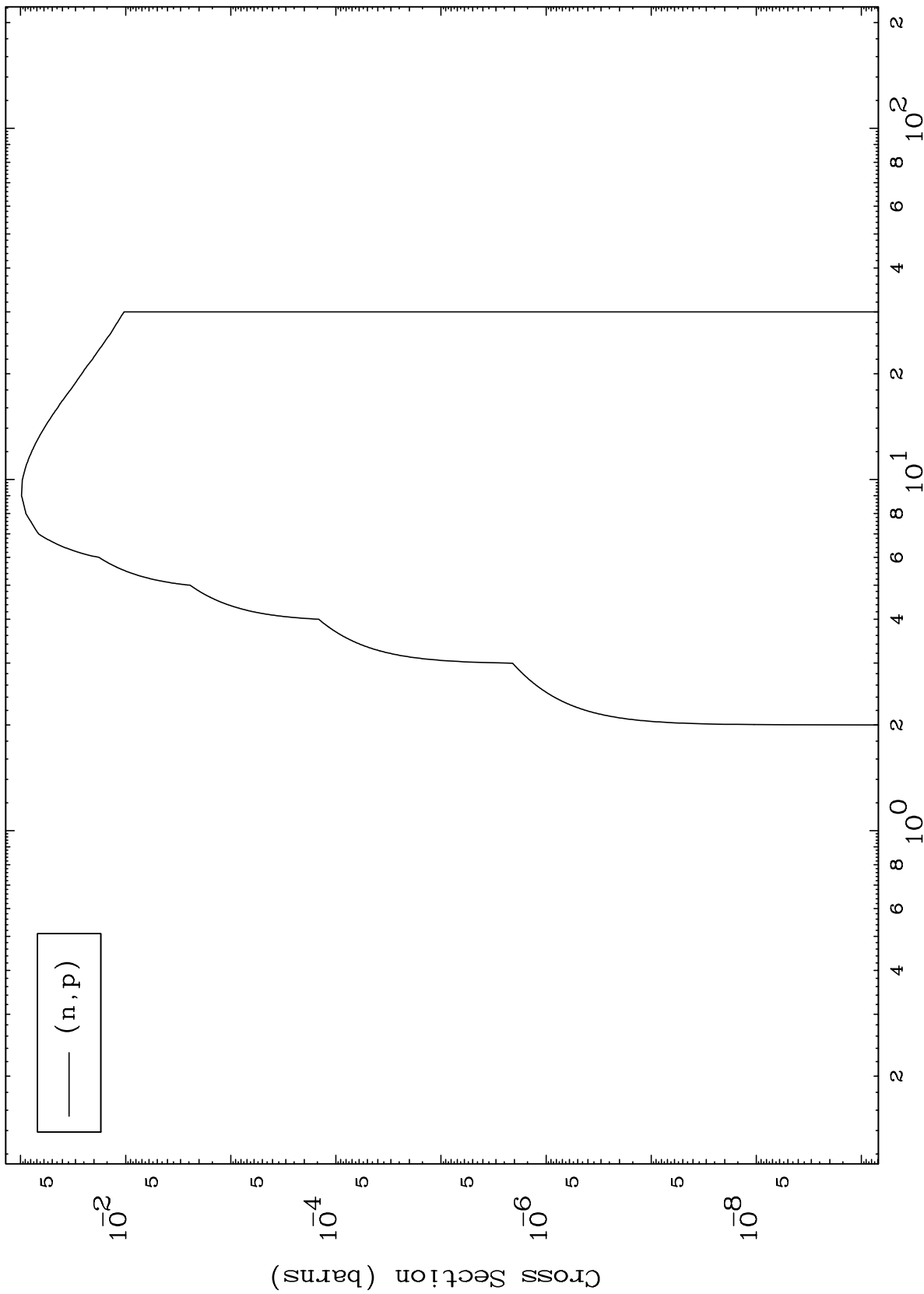




MAT 5646

56-Ba-137

(d,p) Levels
0 Kelvin Cross Sections



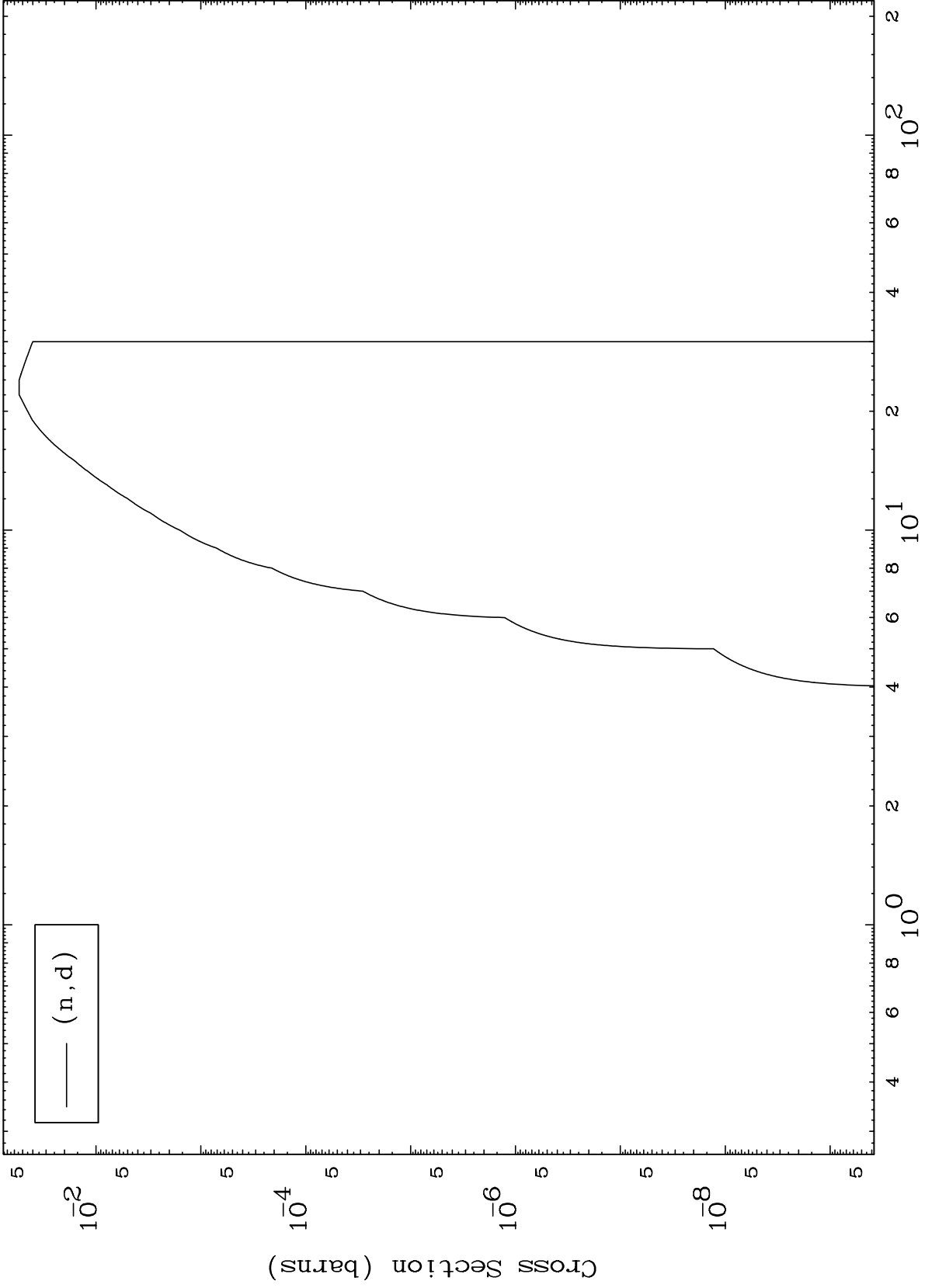
56-Ba-137

Incident Energy (MeV)

MAT 5646

(d,d) Levels
0 Kelvin Cross Sections

56-Ba-137

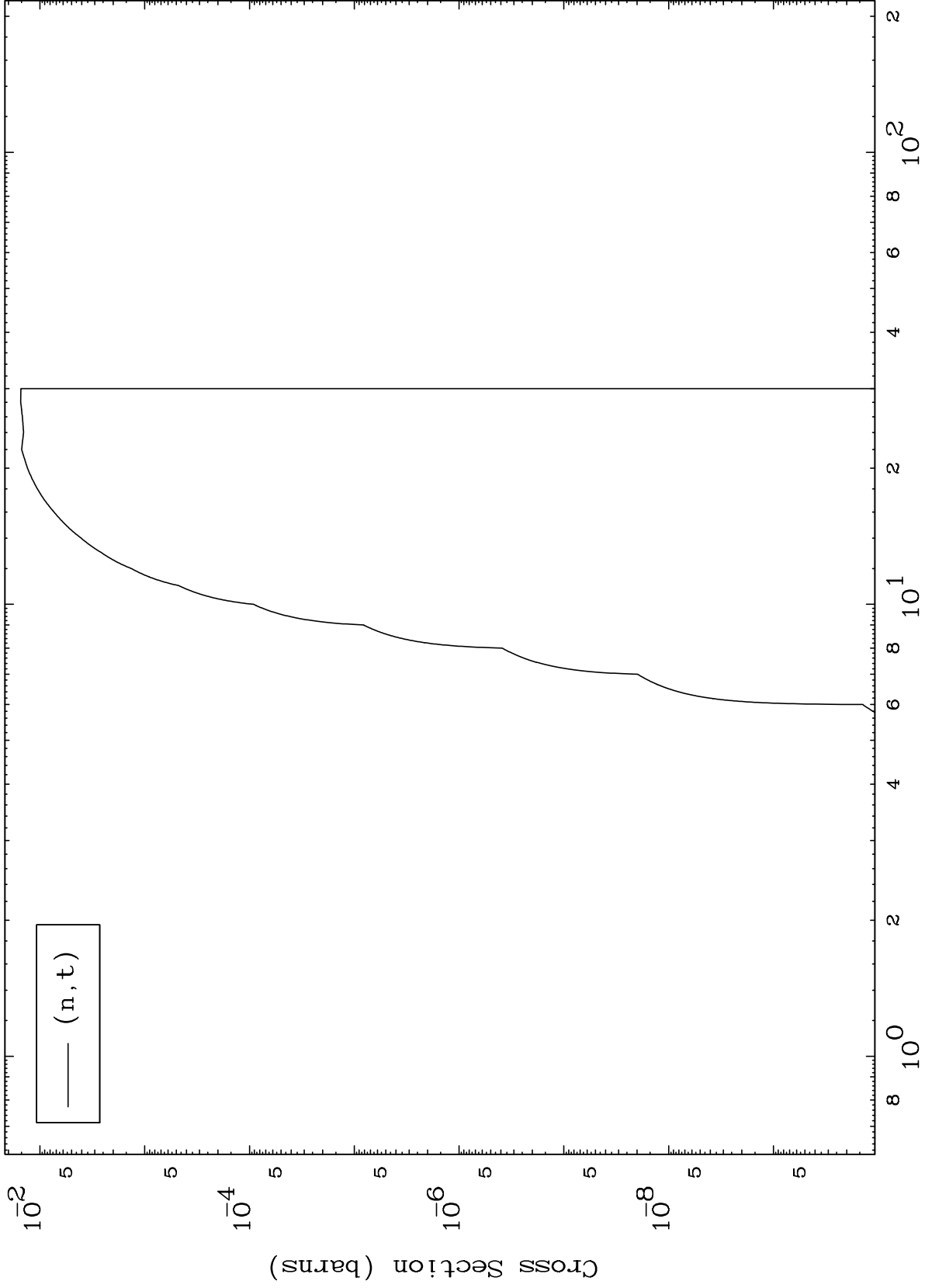


MAT 5646

(d, t) Levels

56-Ba-137

0 Kelvin Cross Sections



(n, t)

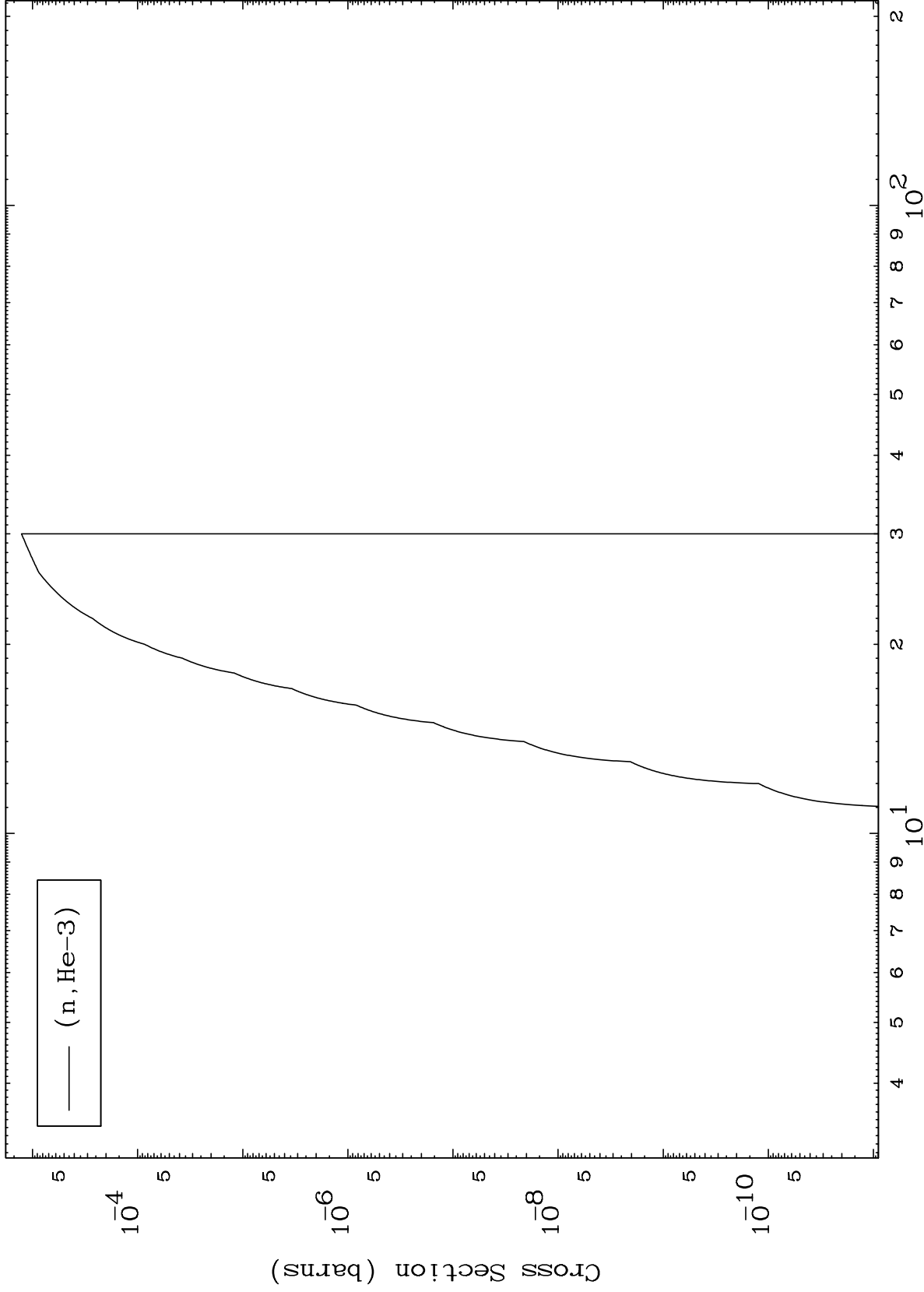
Incident Energy (MeV)

56-Ba-137

MAT 5646

(d,He3) Levels
0 Kelvin Cross Sections

56-Ba-137



10

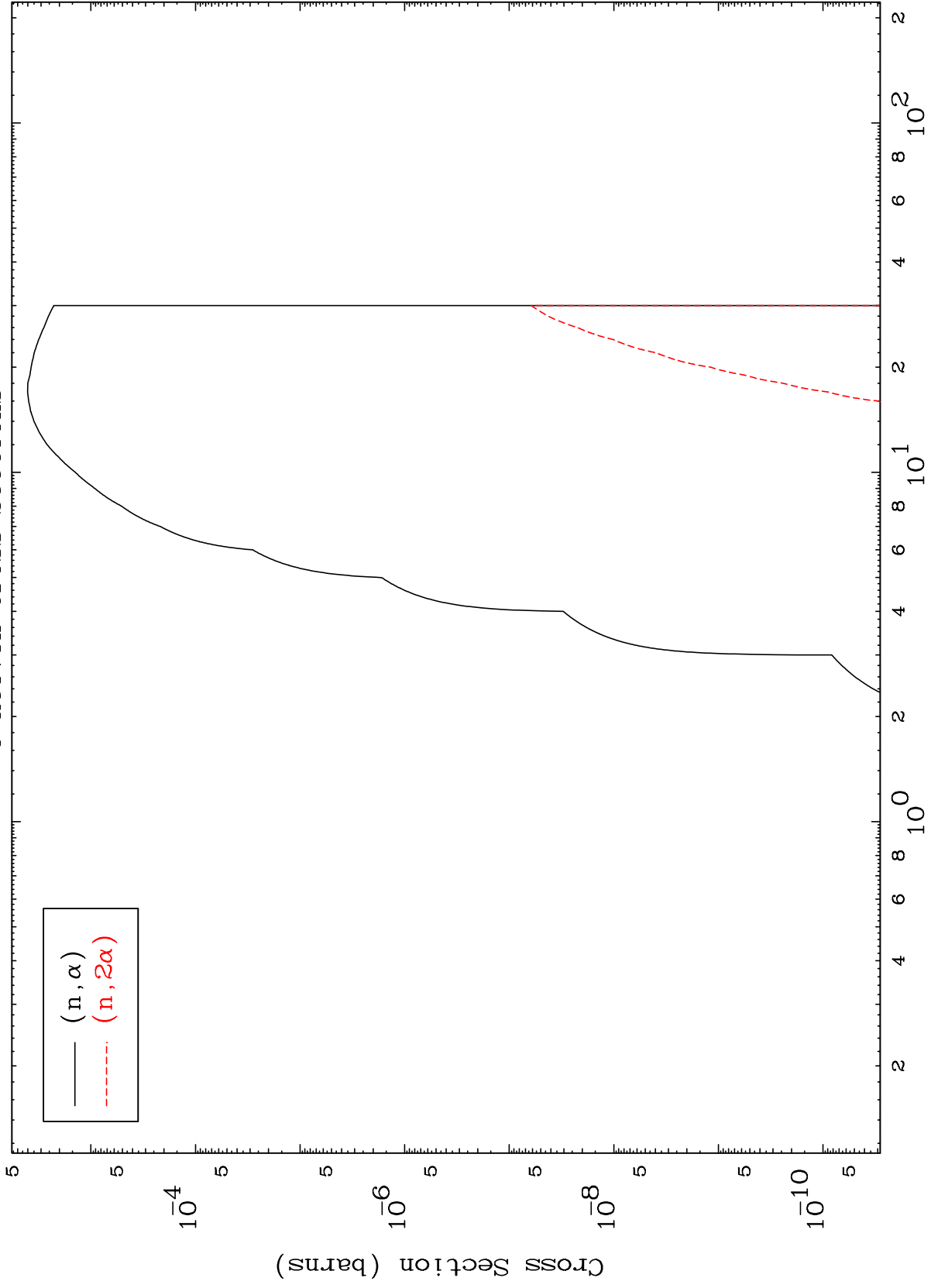
Incident Energy (MeV)

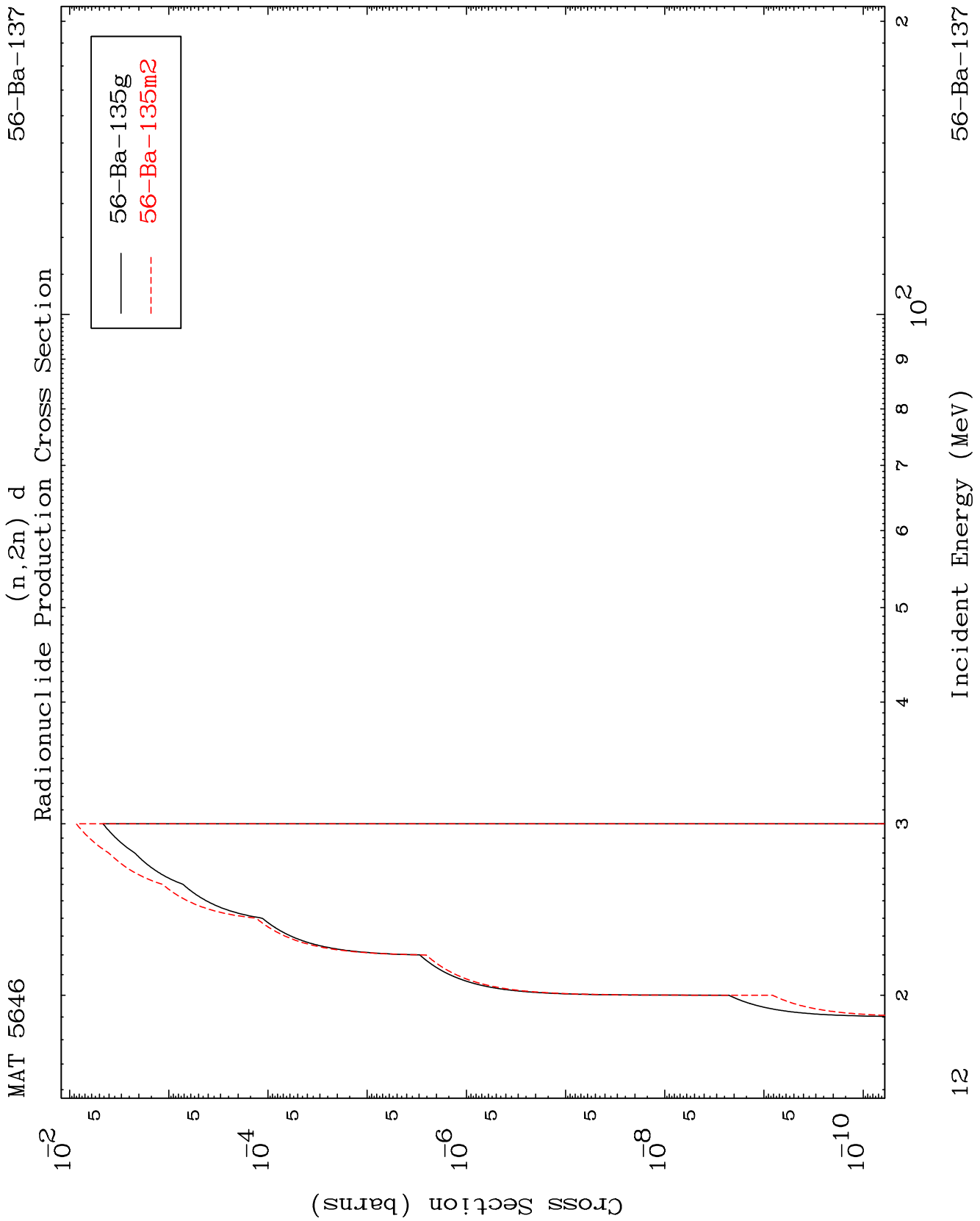
56-Ba-137

MAT 5646

(d, α) Levels
0 Kelvin Cross Sections

56-Ba-137

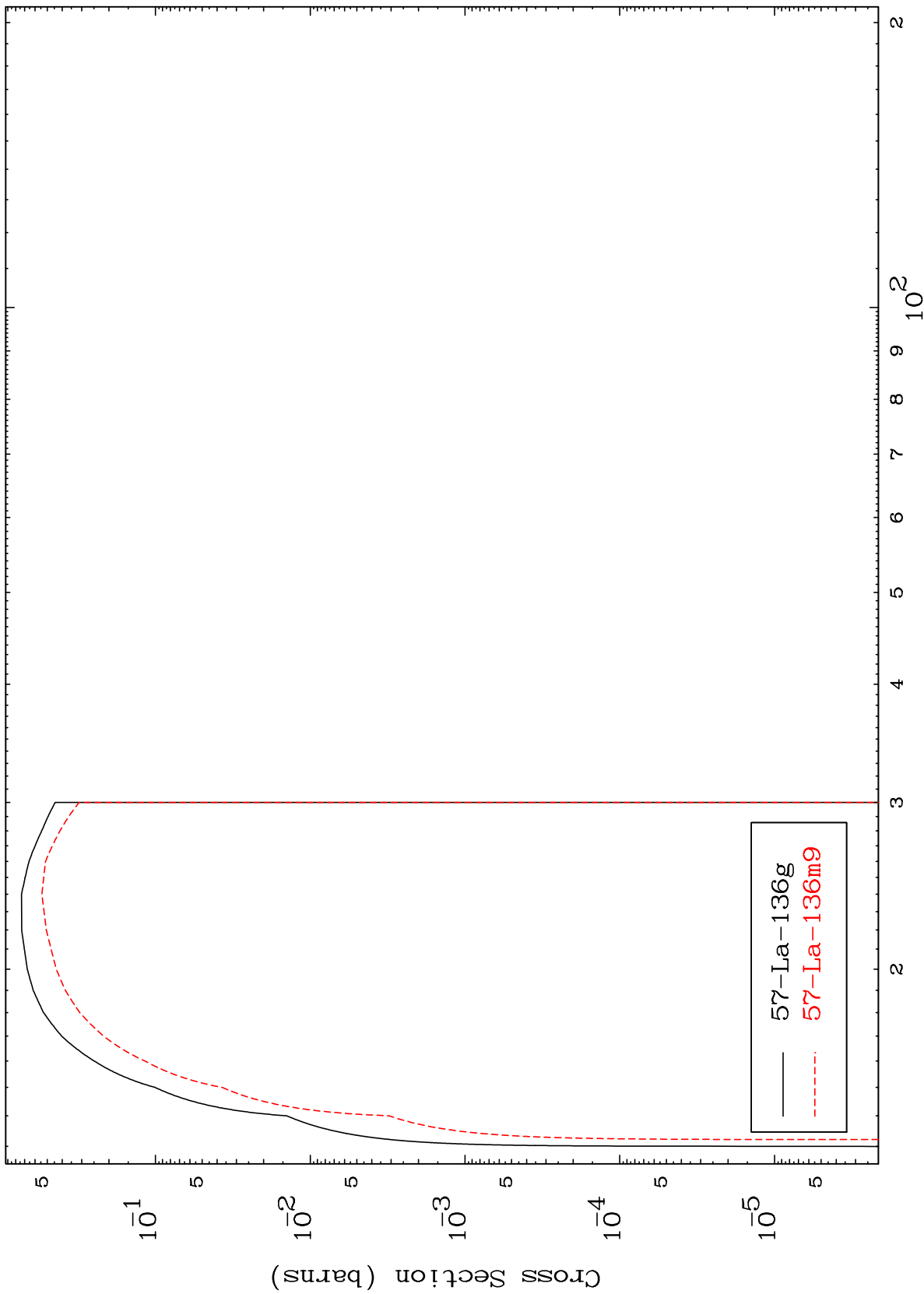




MAT 5646

56-Ba-137

(n,3n)
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

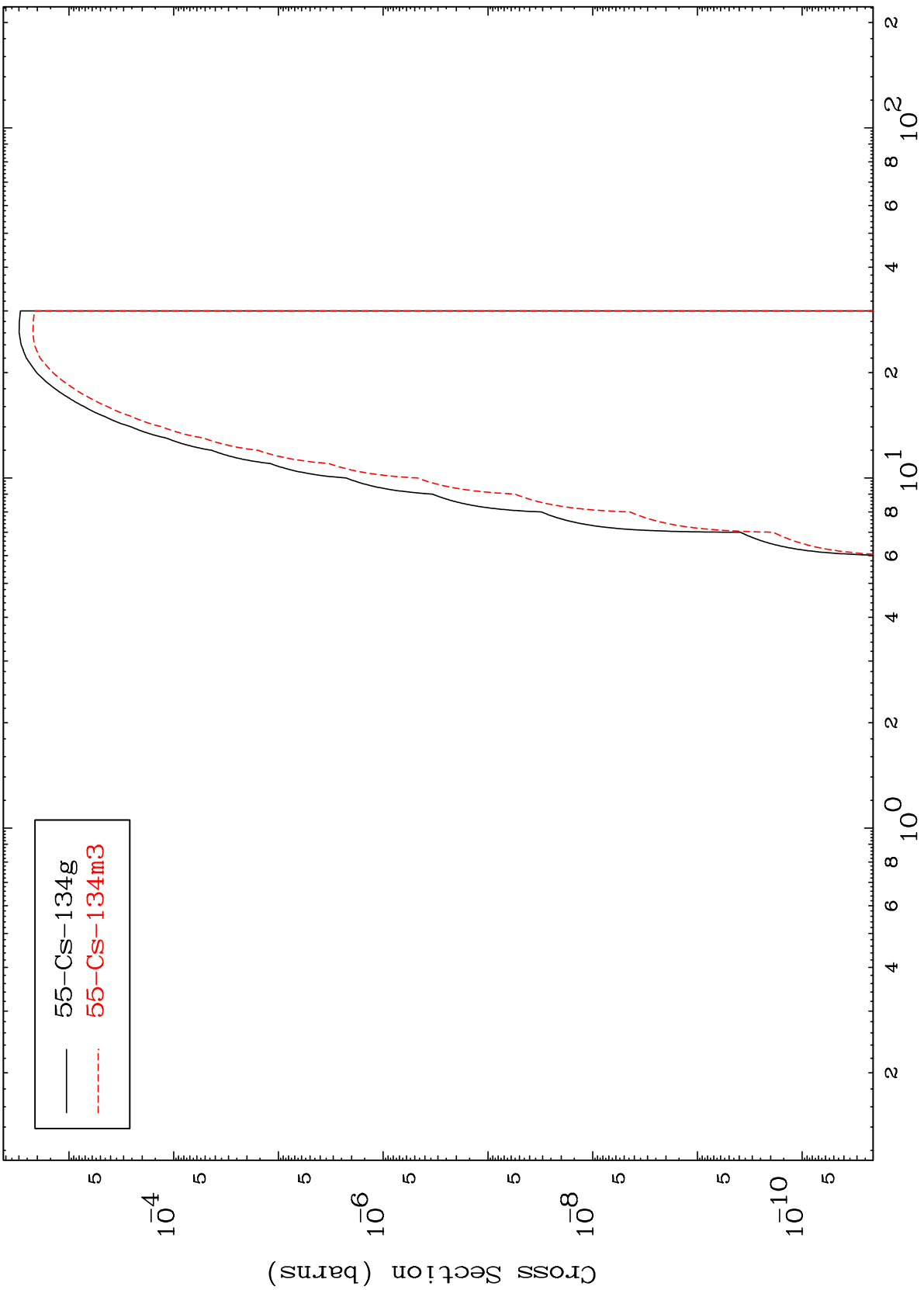
13

MAT 5646

(n,n') α

56-Ba-137

Radionuclide Production Cross Section



14

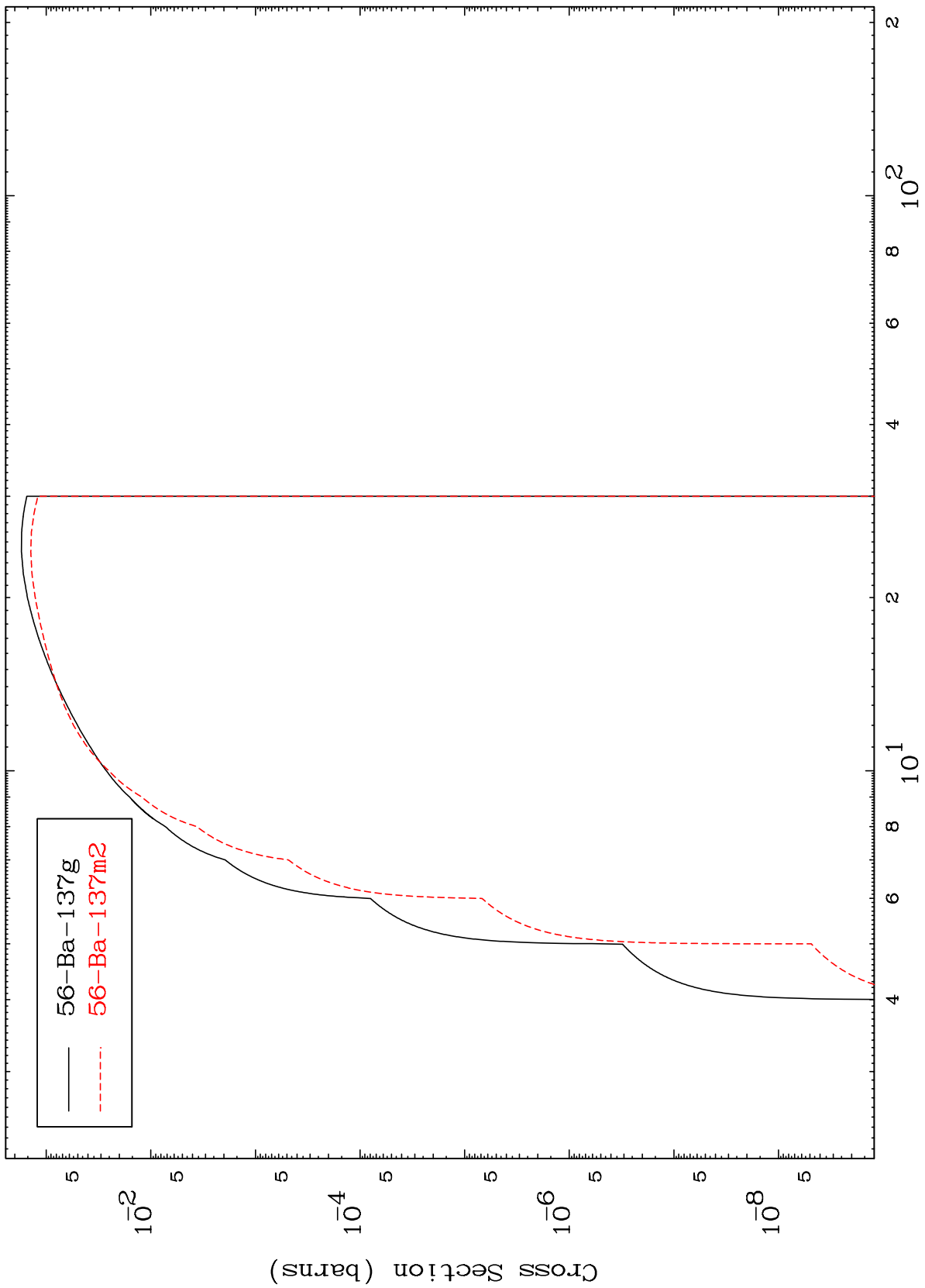
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

Radionuclide Production Cross Section



56-Ba-137g
56-Ba-137m2

56-Ba-137

Incident Energy (MeV)

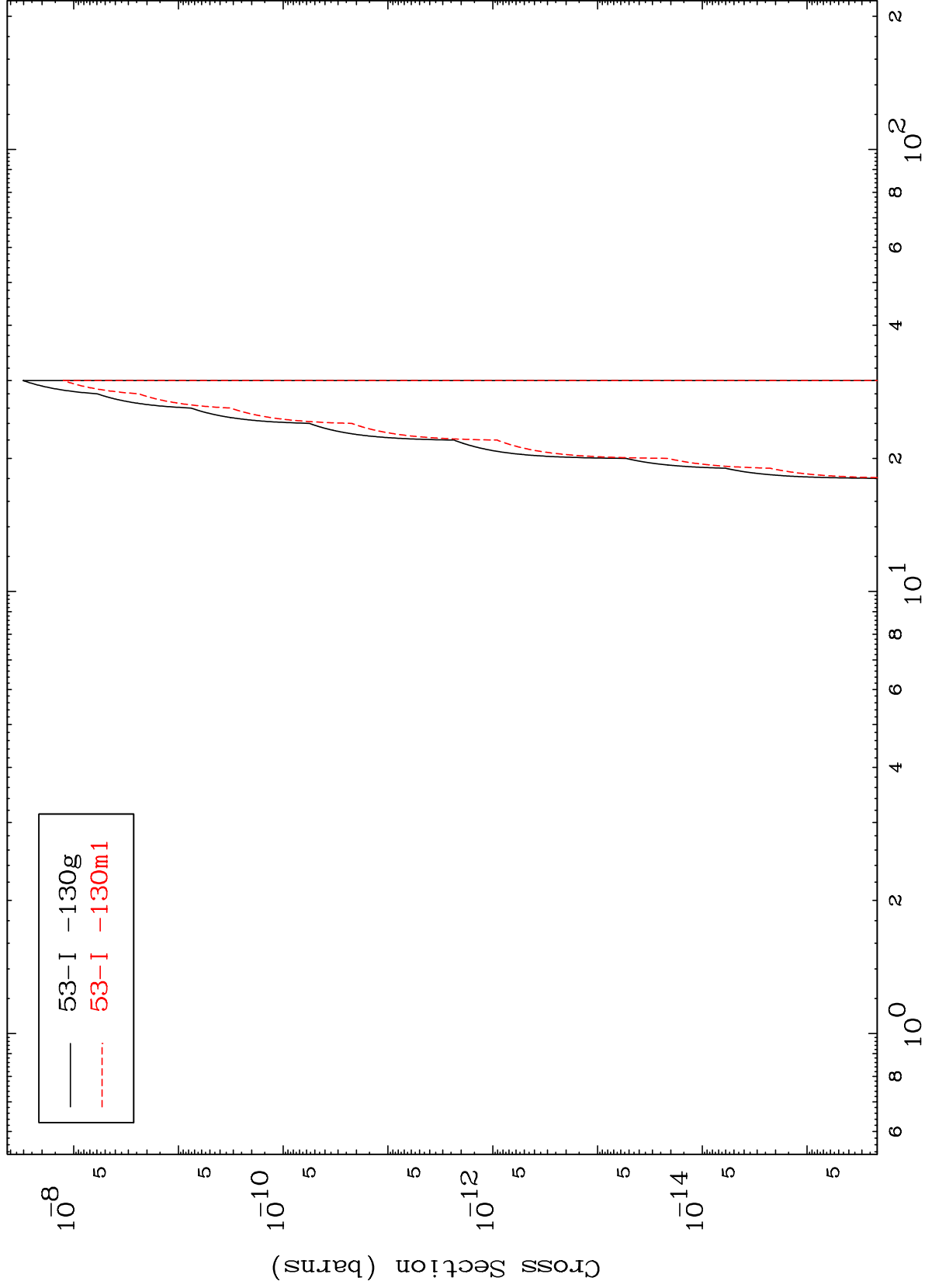
15

MAT 5646

(n,n') 2α

56-Ba-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

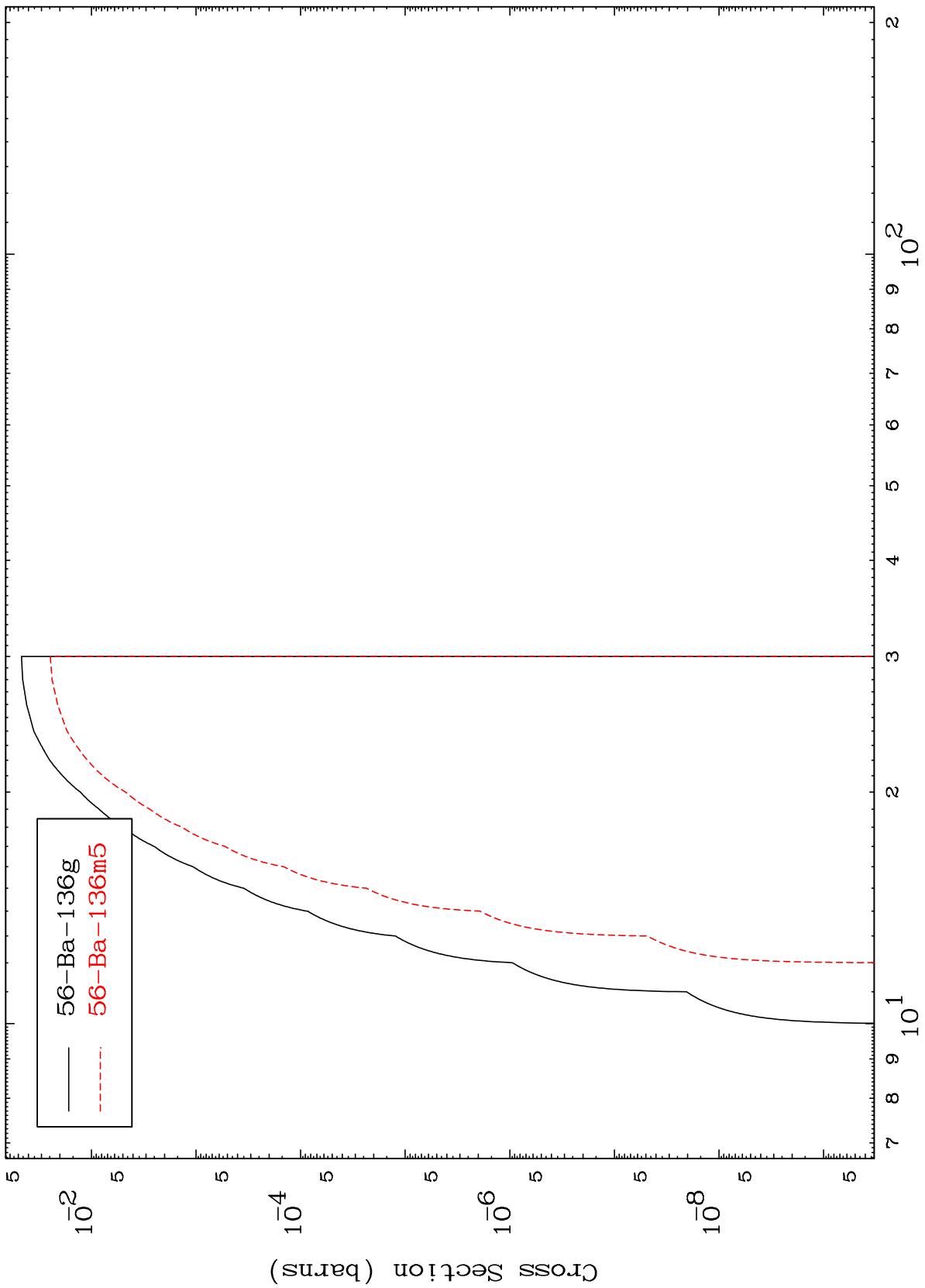
56-Ba-137

MAT 5646

(n,n') d

56-Ba-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

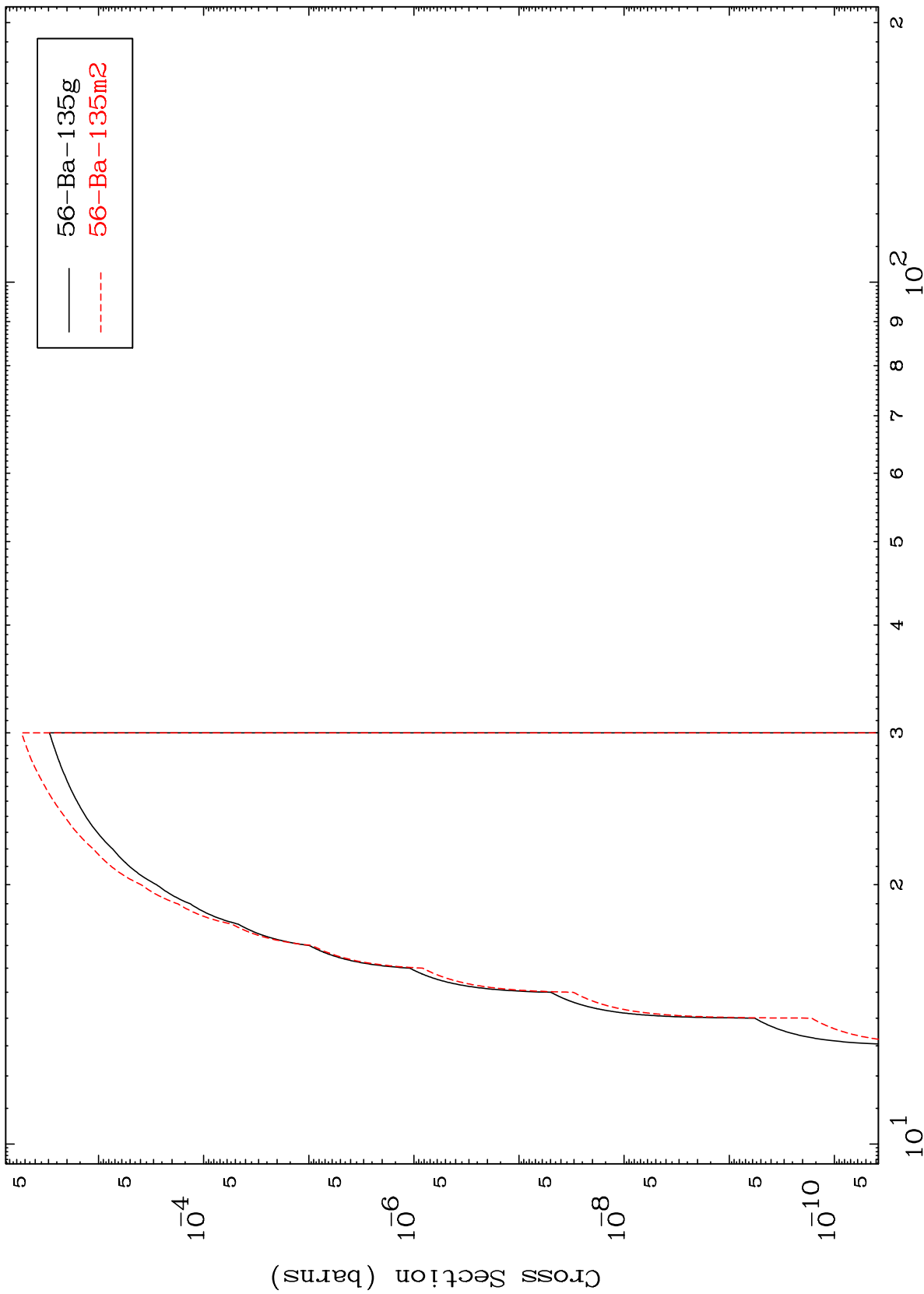
56-Ba-137

MAT 5646

(n,n') t

56-Ba-137

Radionuclide Production Cross Section



Incident Energy (MeV)

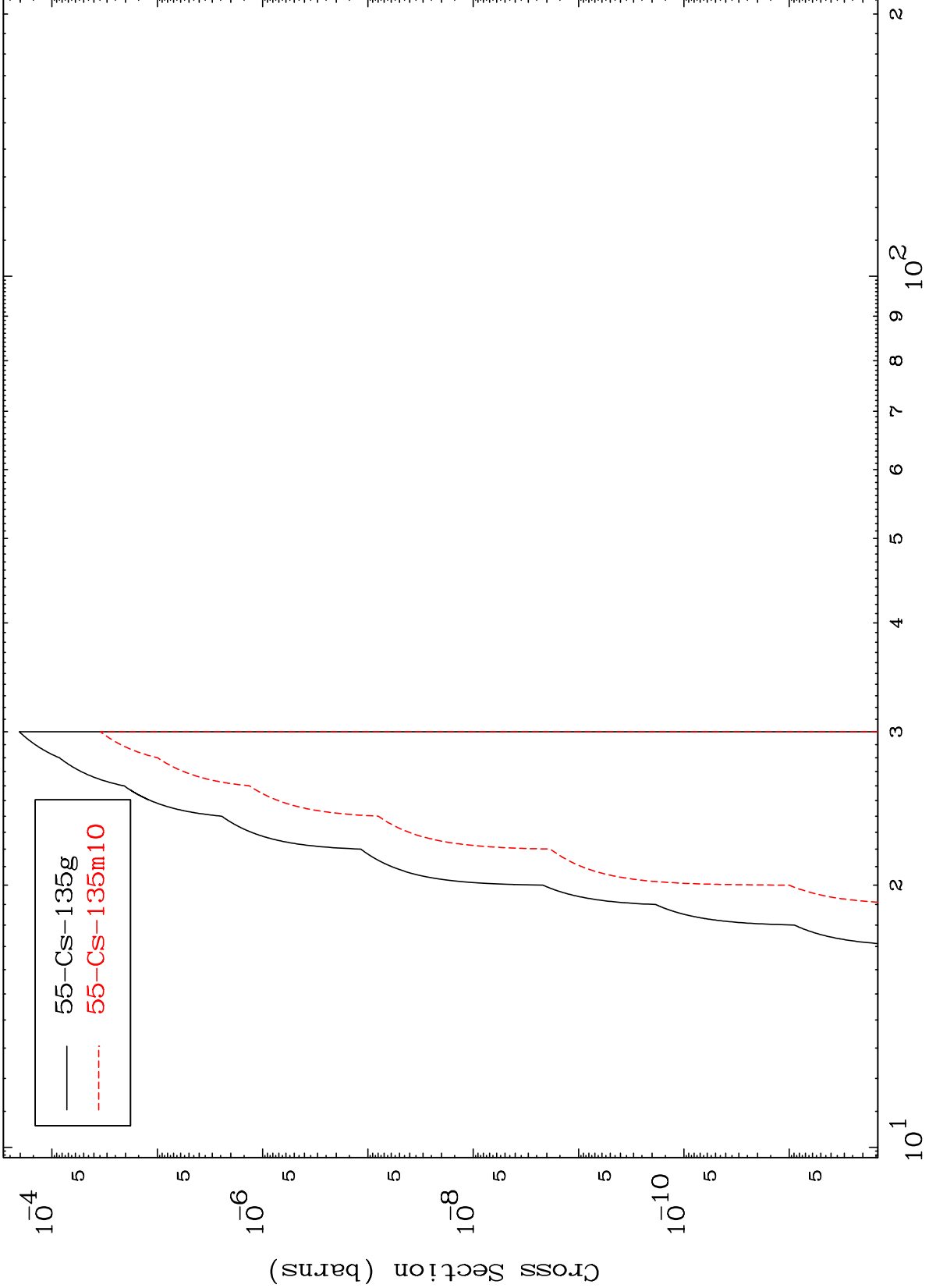
56-Ba-137

MAT 5646

(n,n') He-3

56-Ba-137

Radionuclide Production Cross Section



19

Incident Energy (MeV)

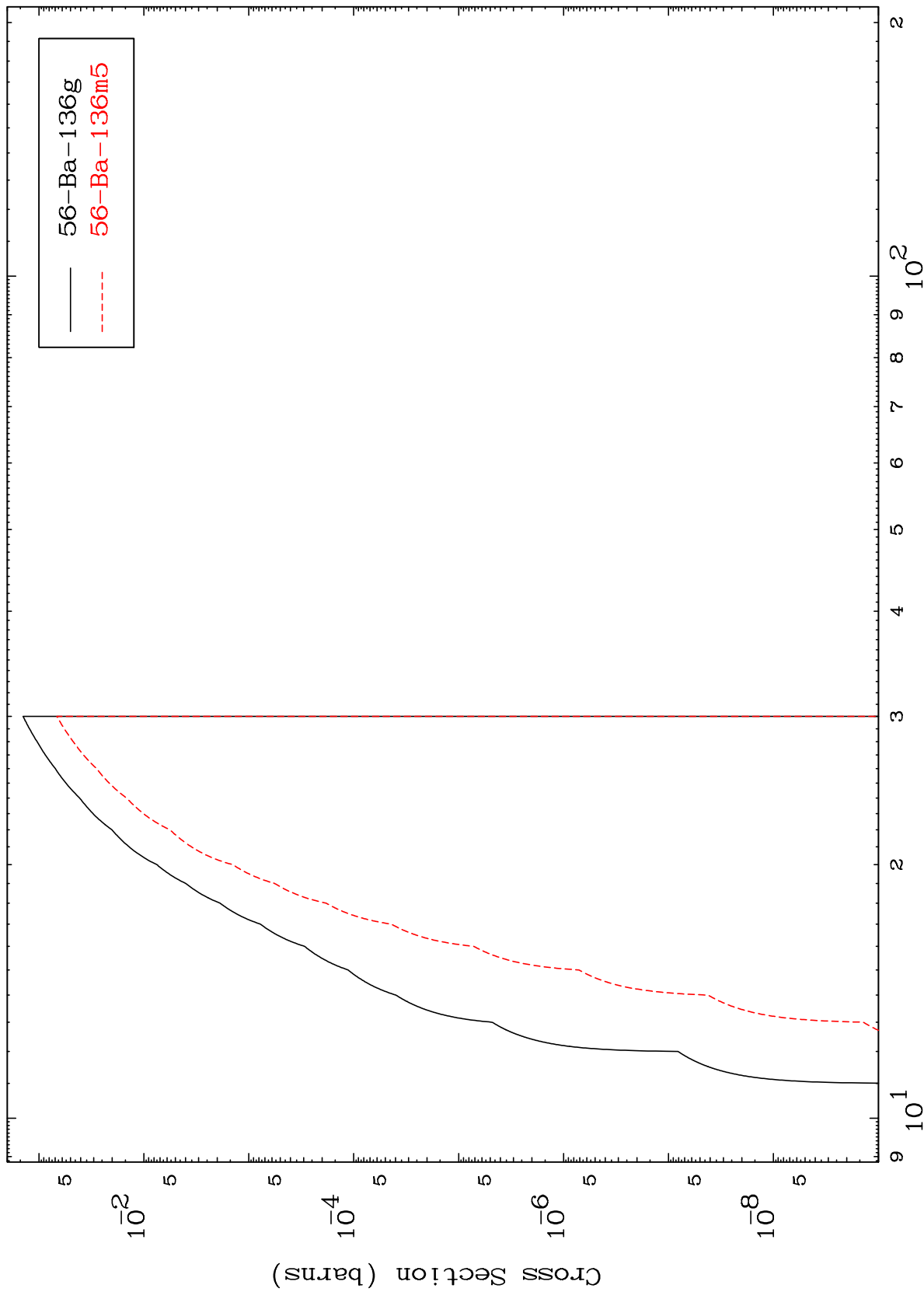
56-Ba-137

MAT 5646

56-Ba-137

(n,2n) p

Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

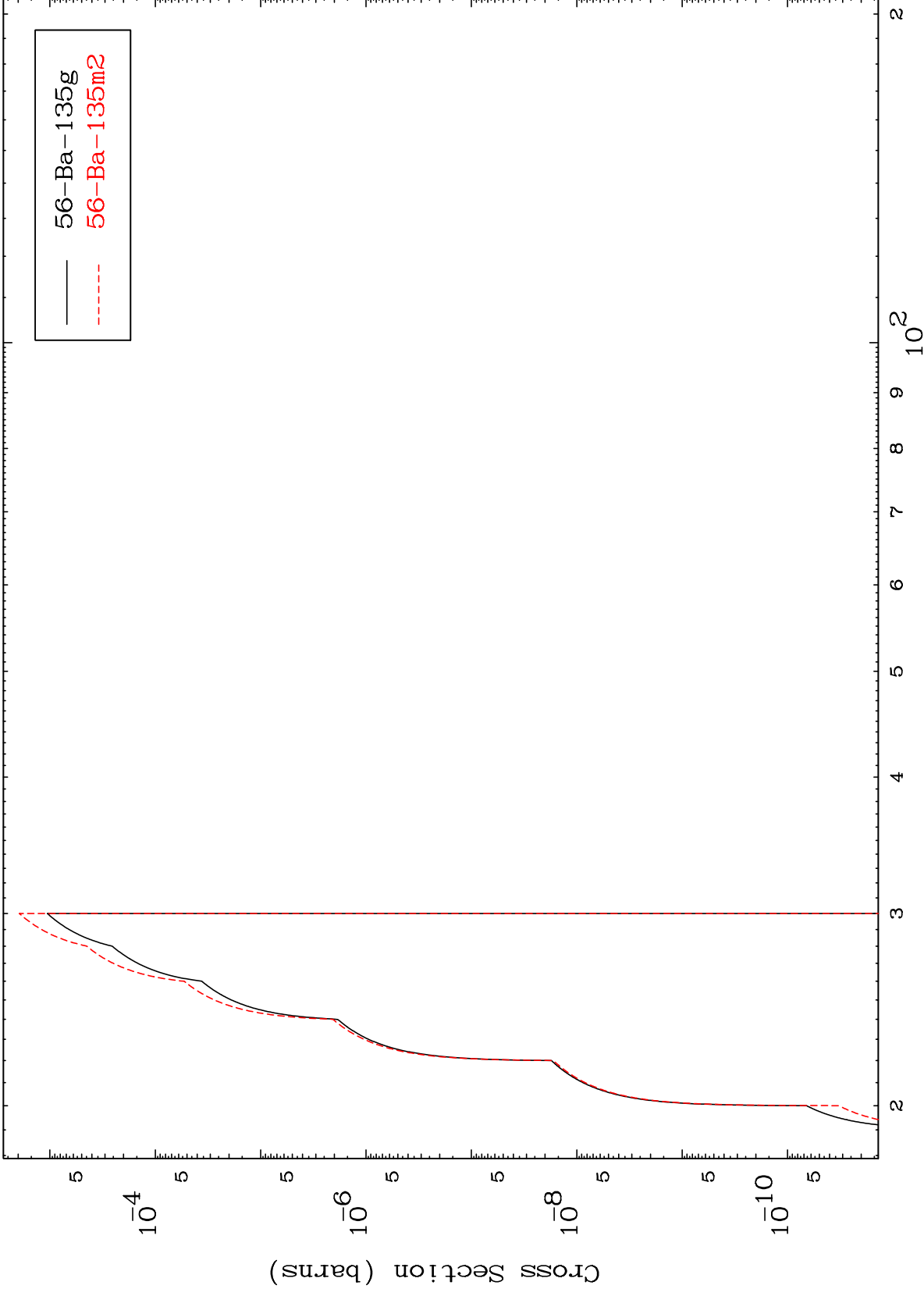
20

MAT 5646

(n,3n) p

56-Ba-137

Radionuclide Production Cross Section



21

Incident Energy (MeV)

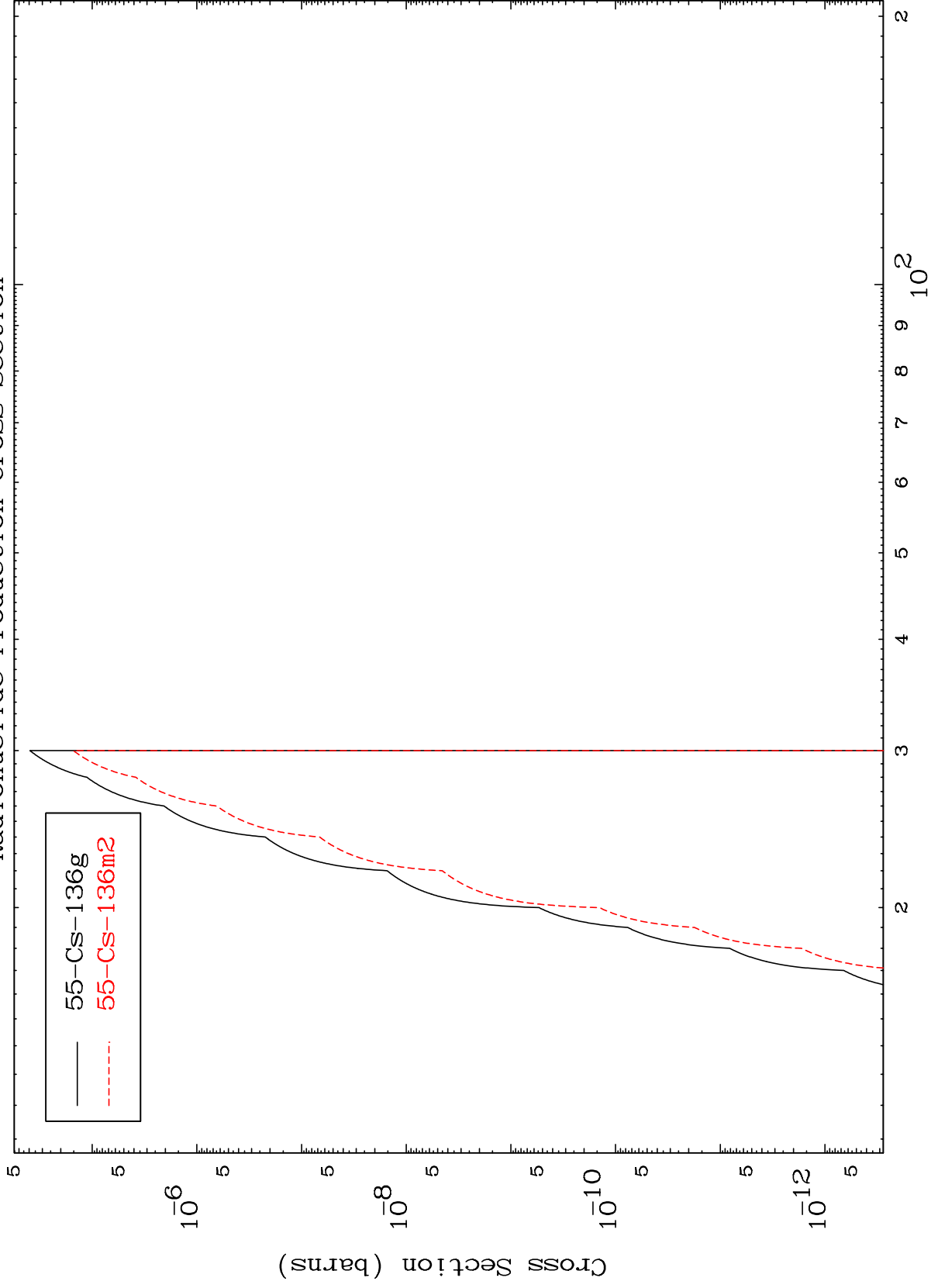
56-Ba-137

MAT 5646

(n,2n) p

56-Ba-137

Radionuclide Production Cross Section



22

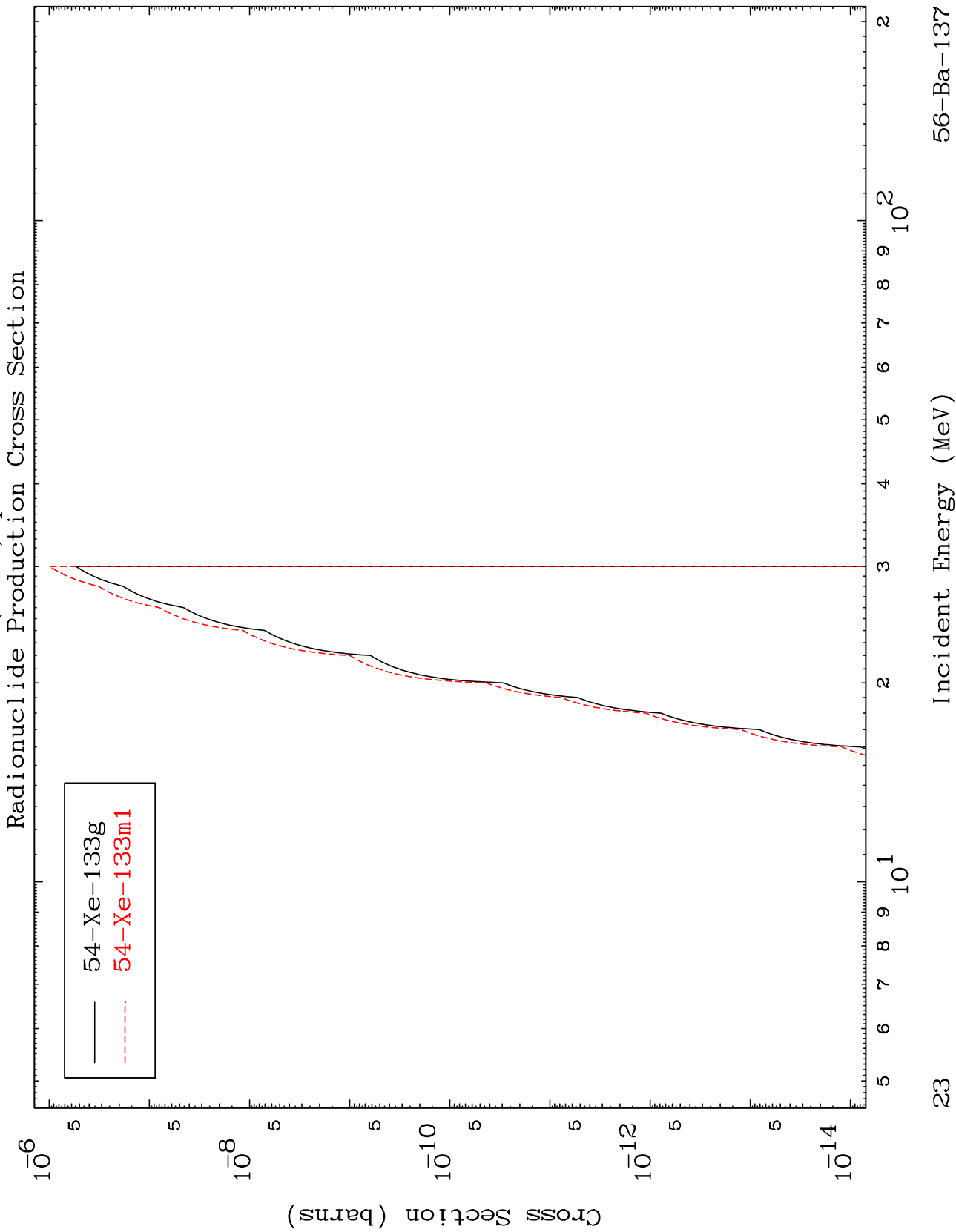
Incident Energy (MeV)

56-Ba-137

MAT 5646

(n,n') p α

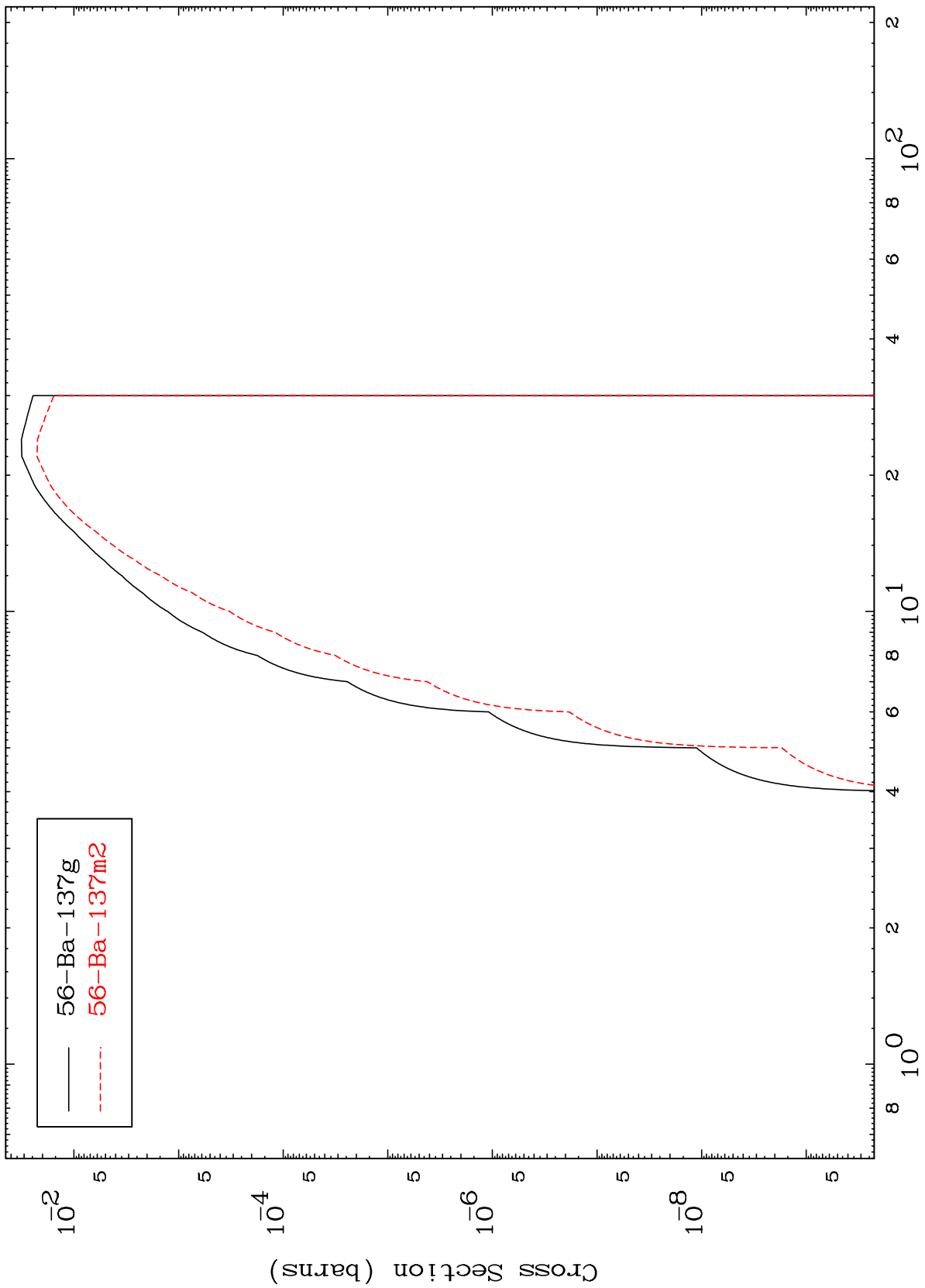
56-Ba-137



MAT 5646

56-Ba-137

(n,d)
Radionuclide Production Cross Section



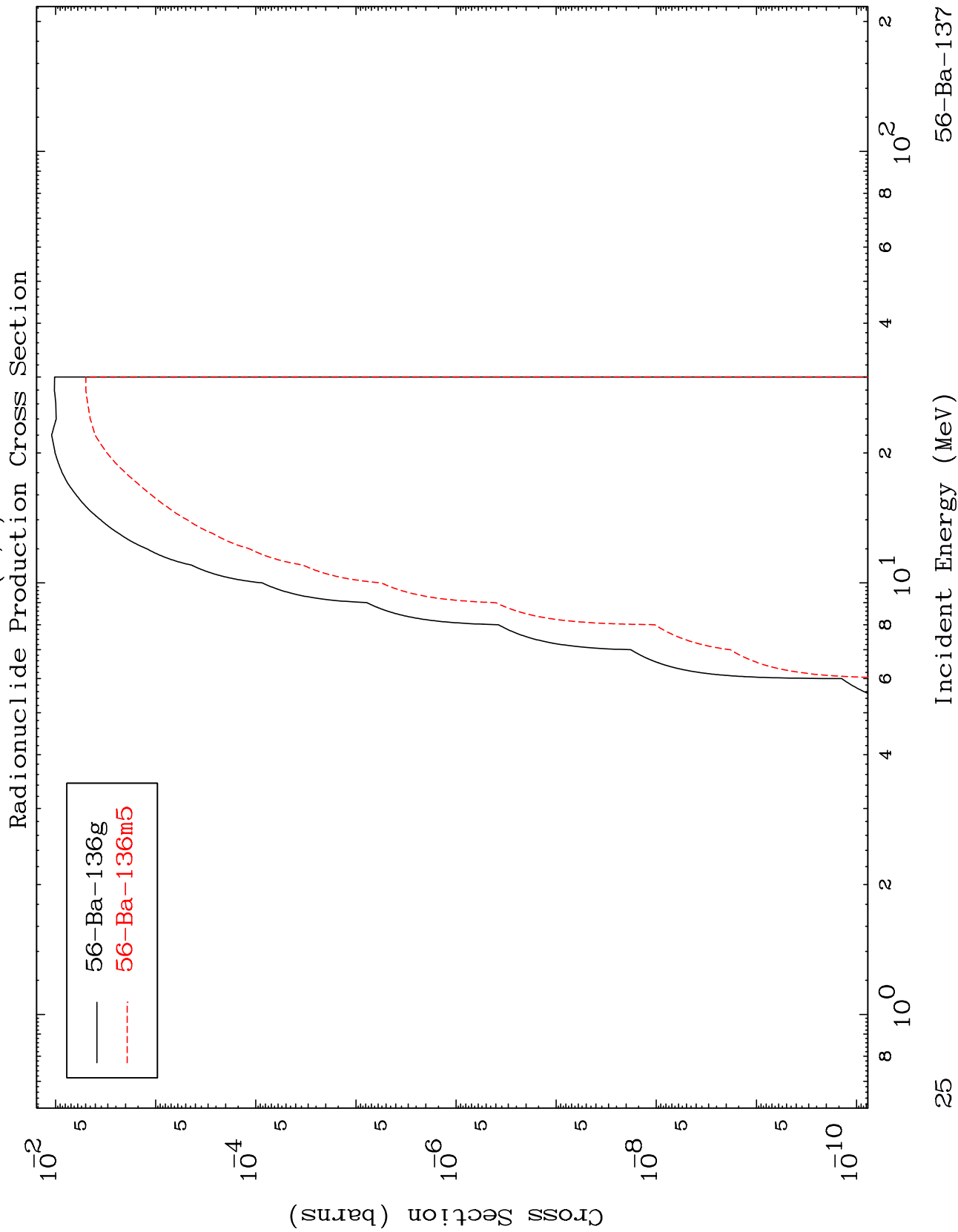
24

56-Ba-137

Incident Energy (MeV)

MAT 5646

56-Ba-137



25

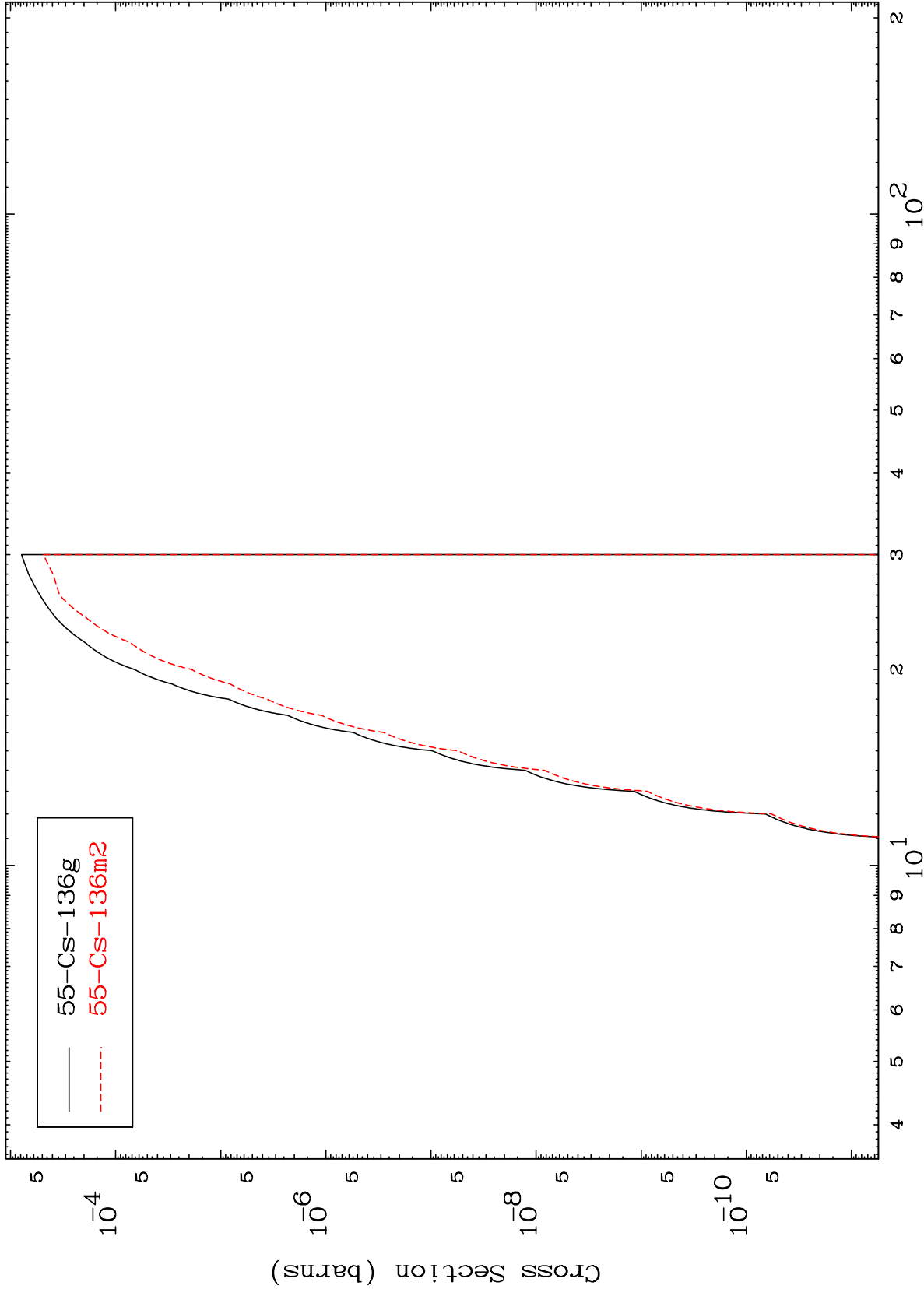
56-Ba-137

MAT 5646

(n,He-3)

56-Ba-137

Radionuclide Production Cross Section



55-Cs-136g
55-Cs-136m2

26

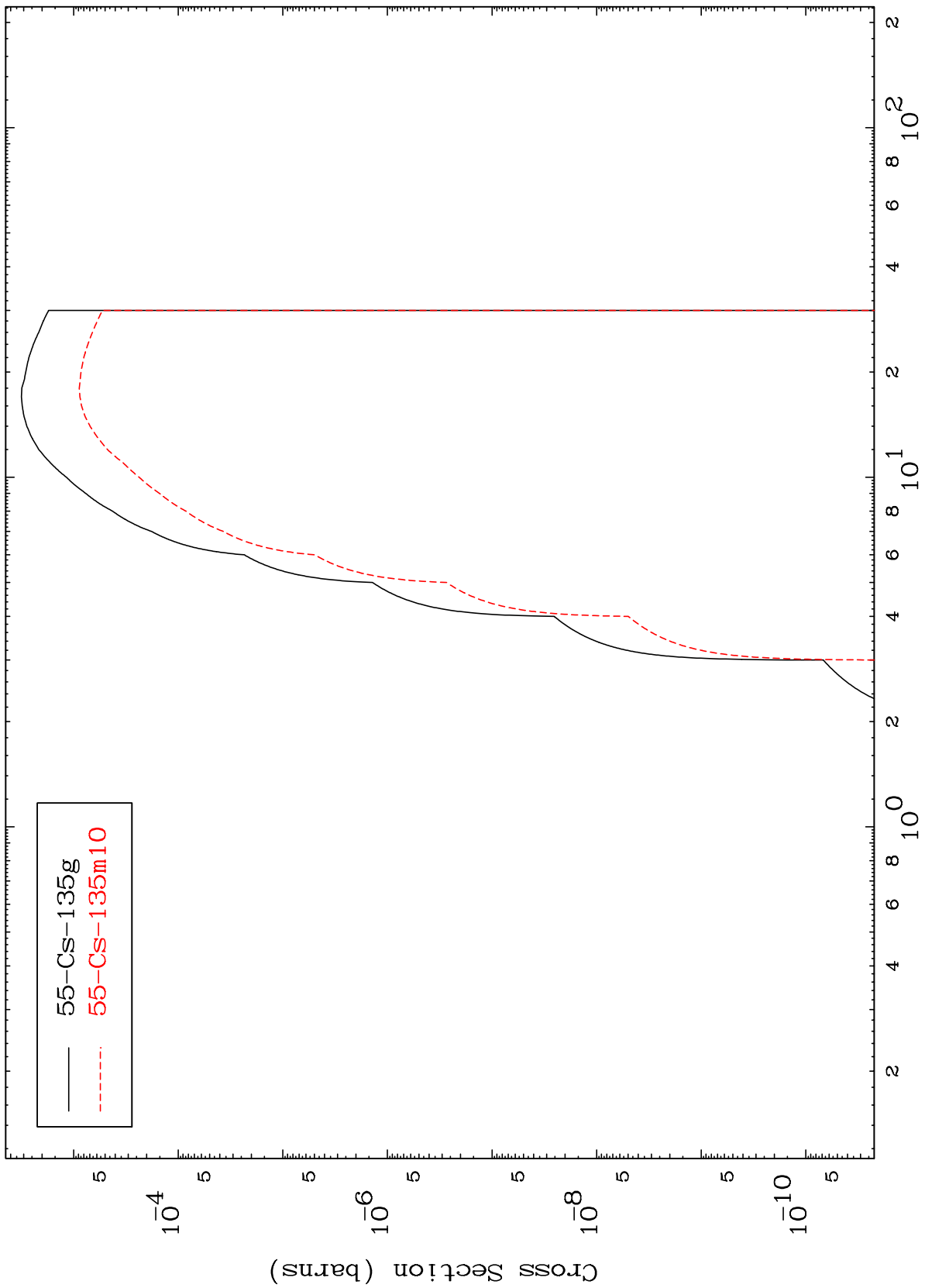
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

(n, α)
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

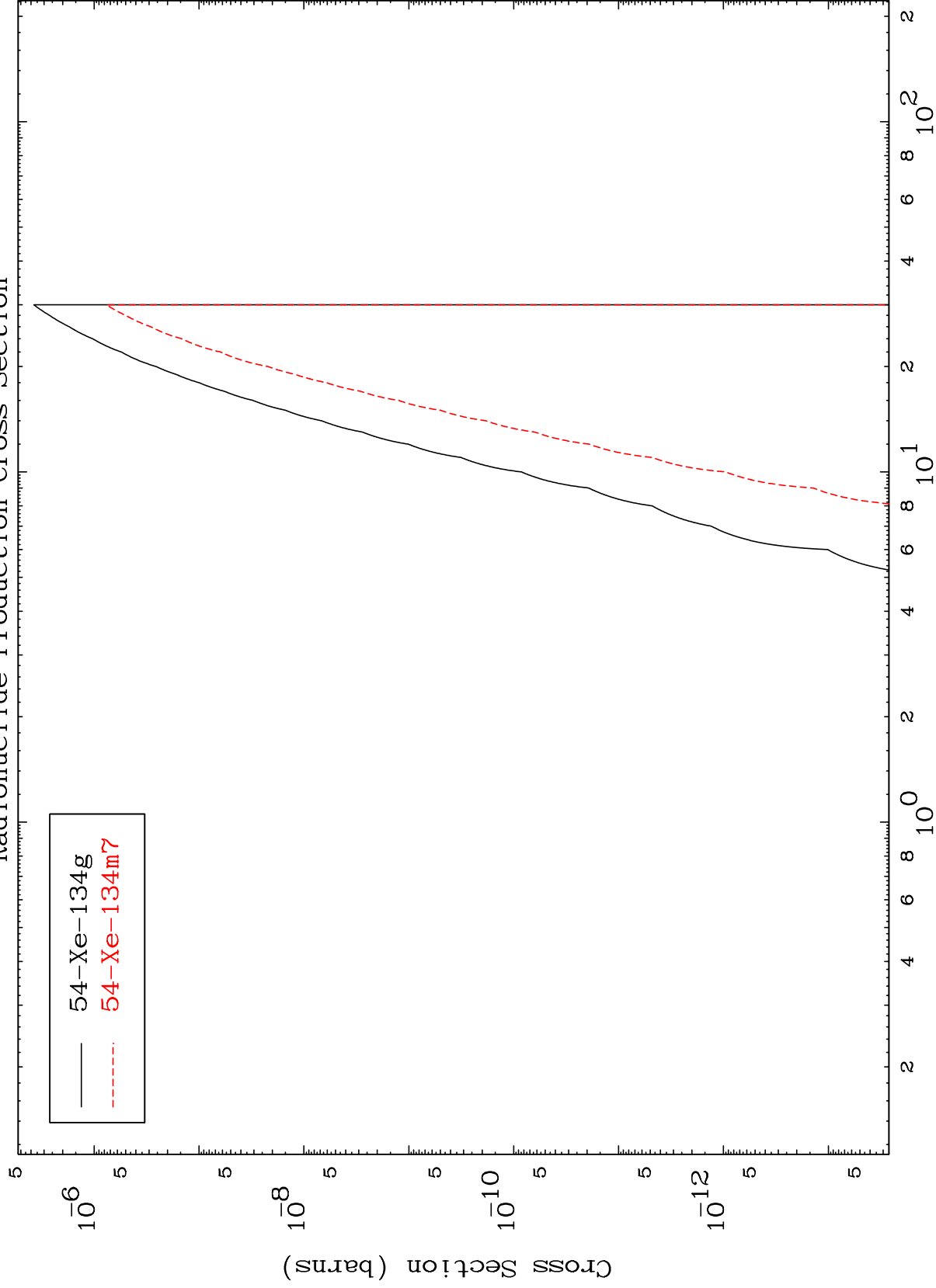
27

MAT 5646

(n,p) α

56-Ba-137

Radionuclide Production Cross Section



54-Xe-134g
54-Xe-134m7

28

Incident Energy (MeV)

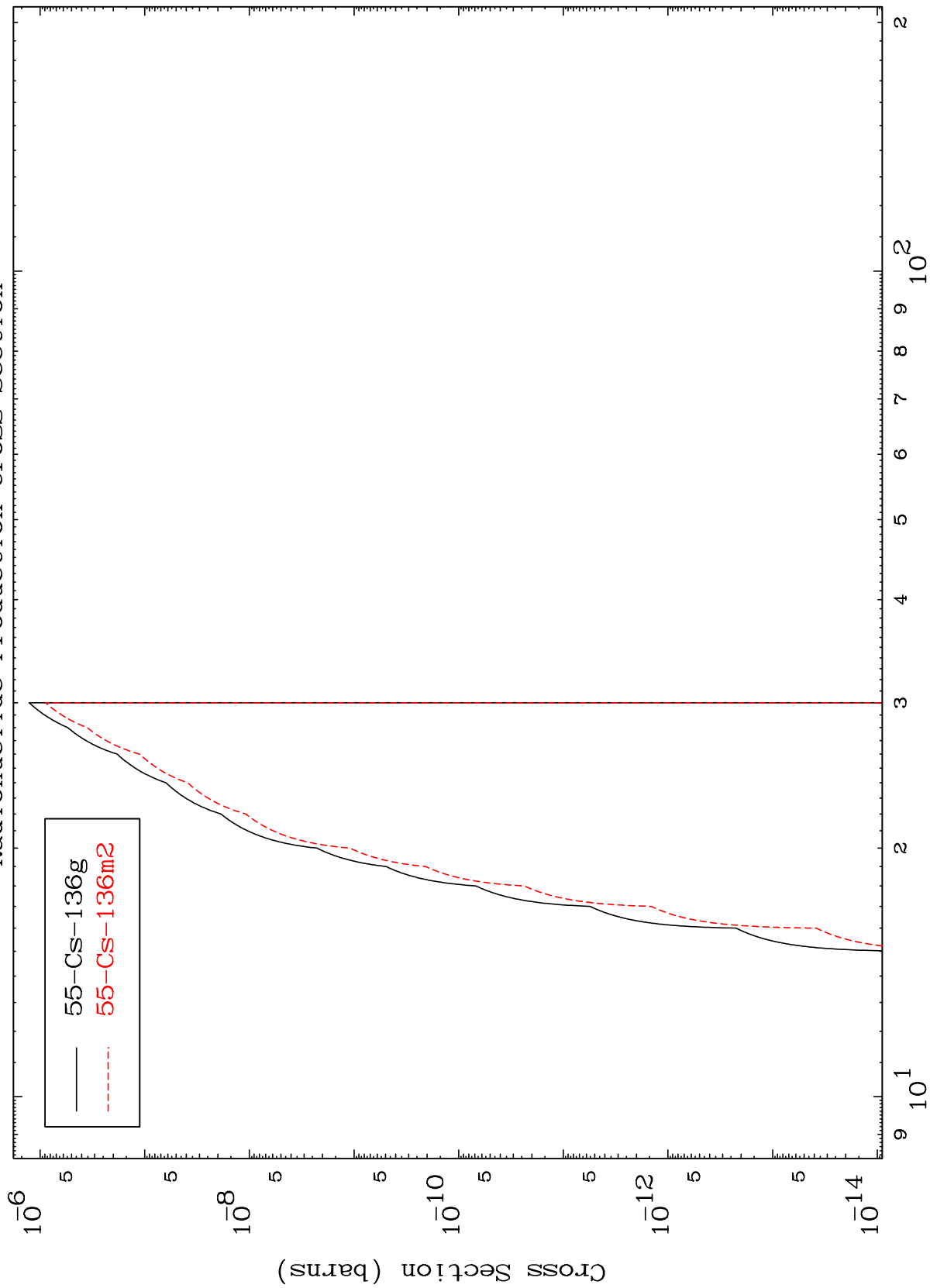
56-Ba-137

MAT 5646

(n,p) d

56-Ba-137

Radionuclide Production Cross Section



29

Incident Energy (MeV)

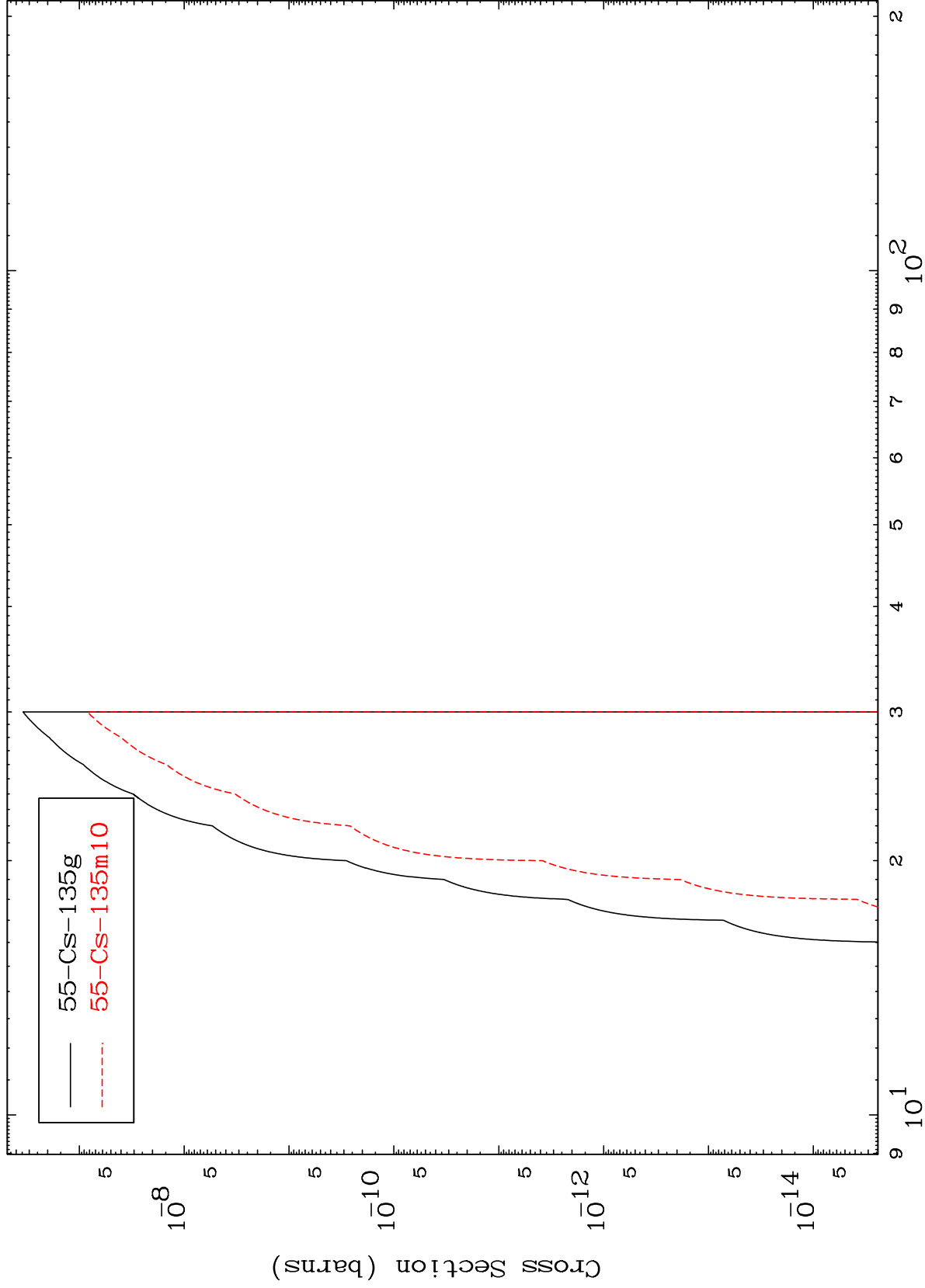
56-Ba-137

MAT 5646

(n,p) t

56-Ba-137

Radionuclide Production Cross Section



30

Incident Energy (MeV)

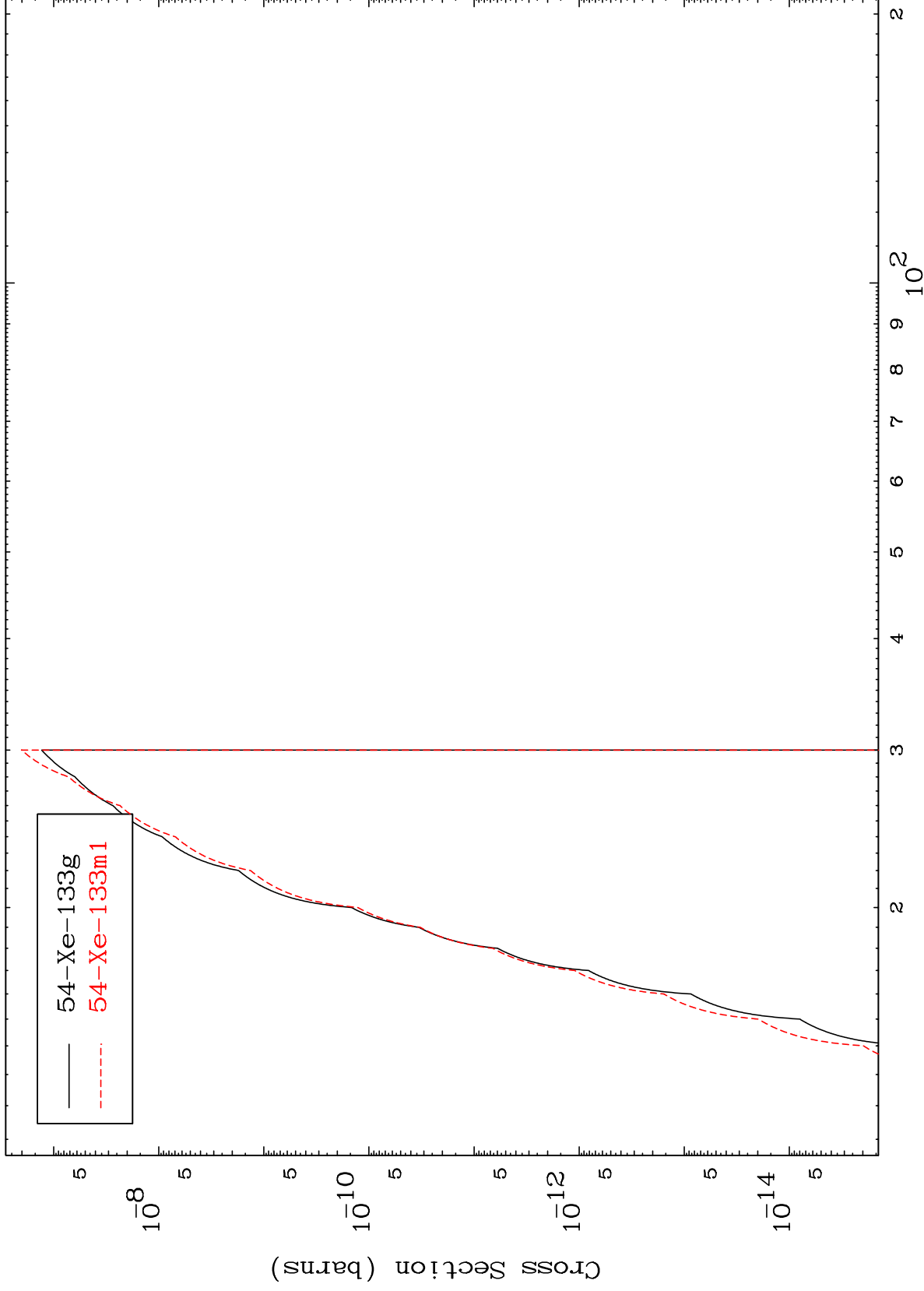
56-Ba-137

MAT 5646

(n,d) α

56-Ba-137

Radionuclide Production Cross Section



Incident Energy (MeV)

56-Ba-137

31