

Program EVALPLOT
(Version 2021-1)

by

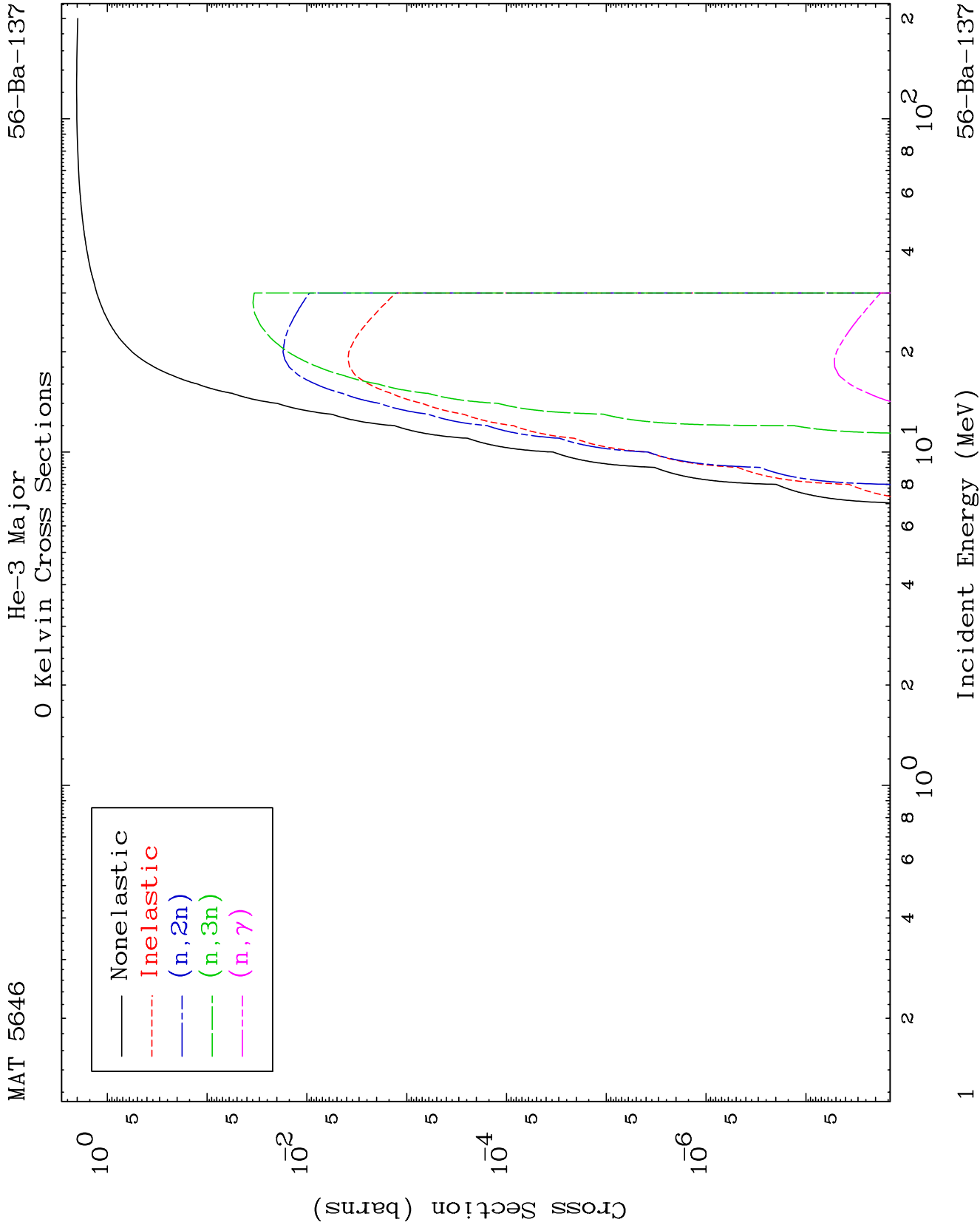
Dermott E. Cullen
(Present Contact Information)

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

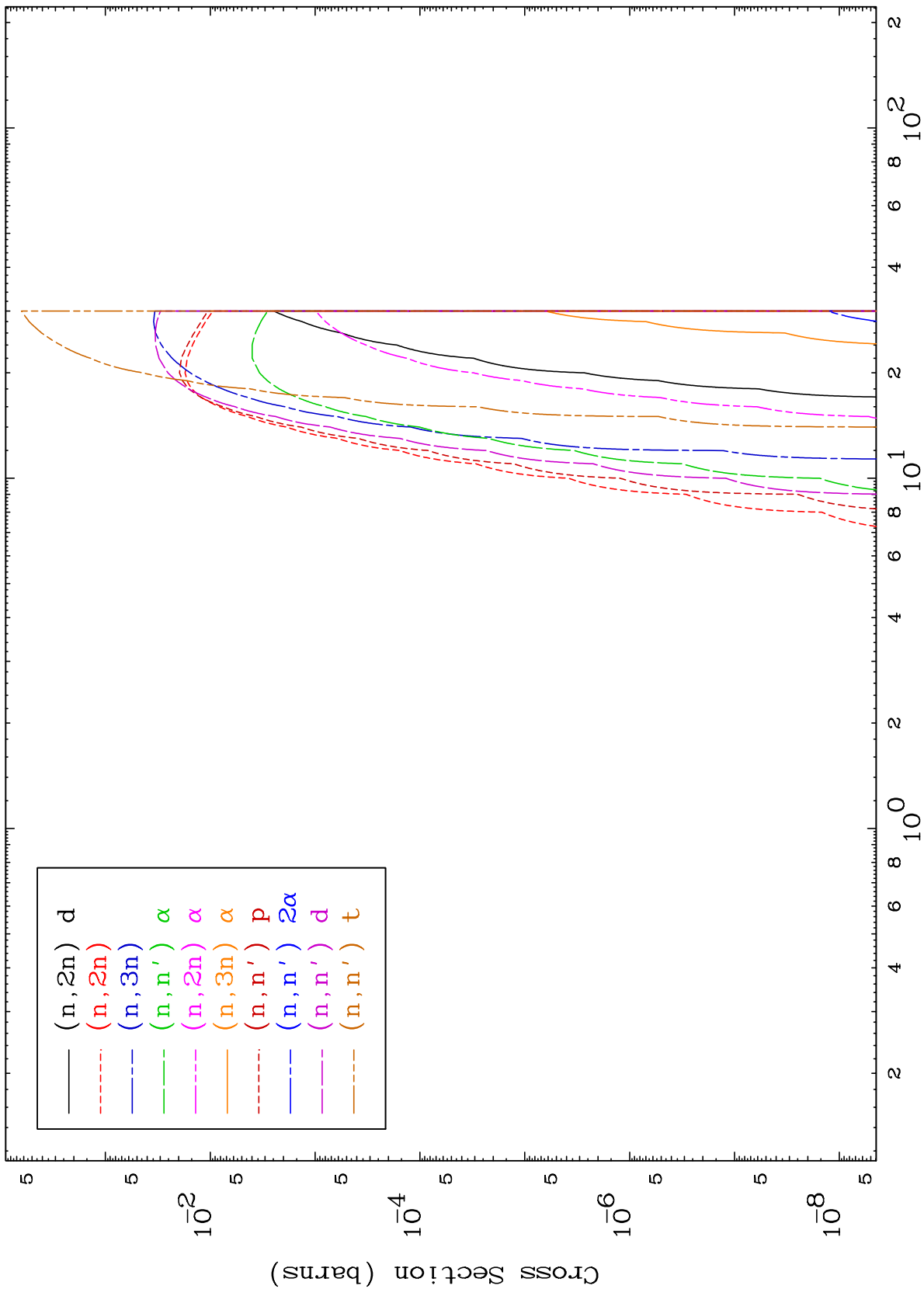
Press Mouse Button to Start

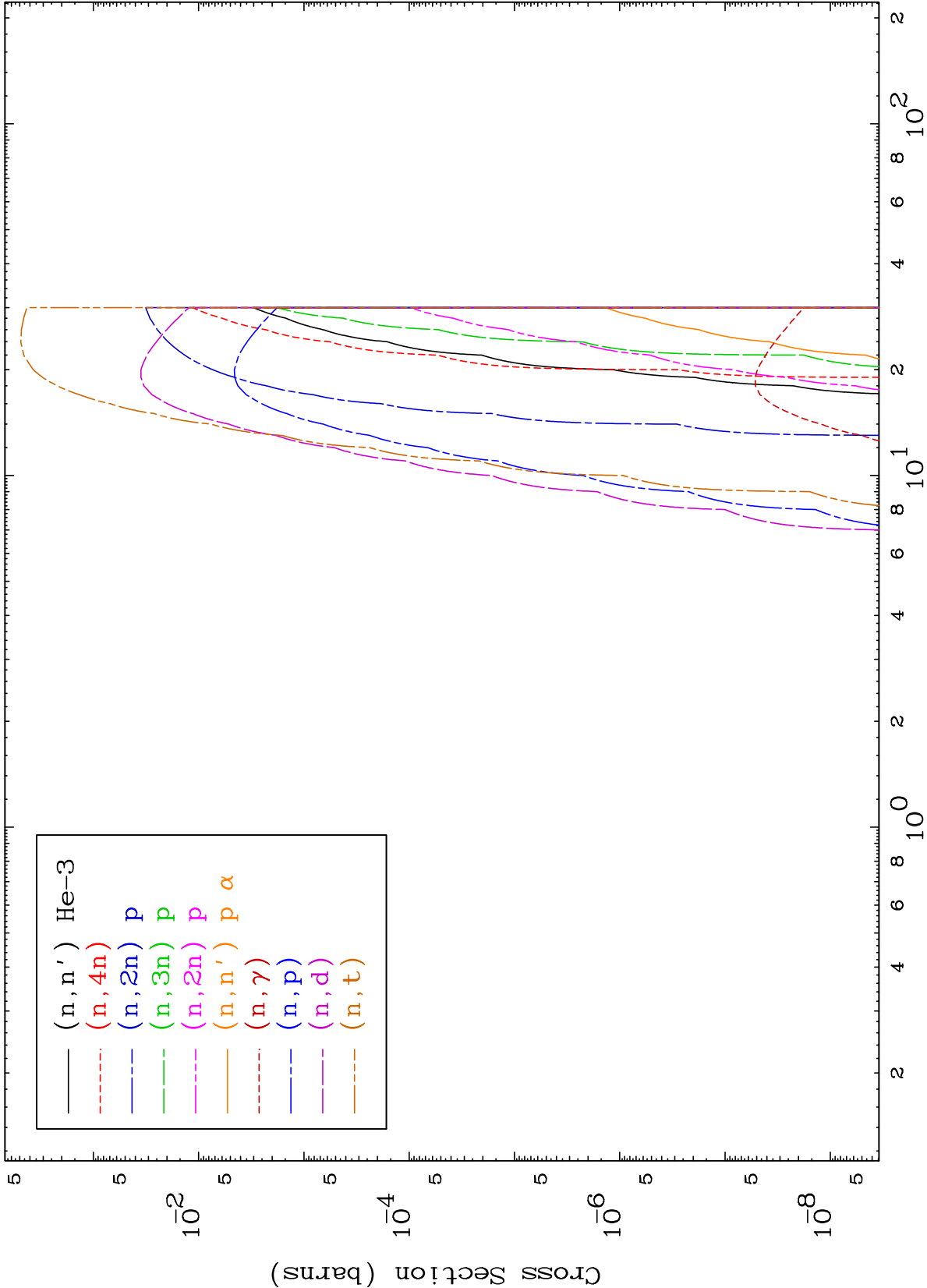


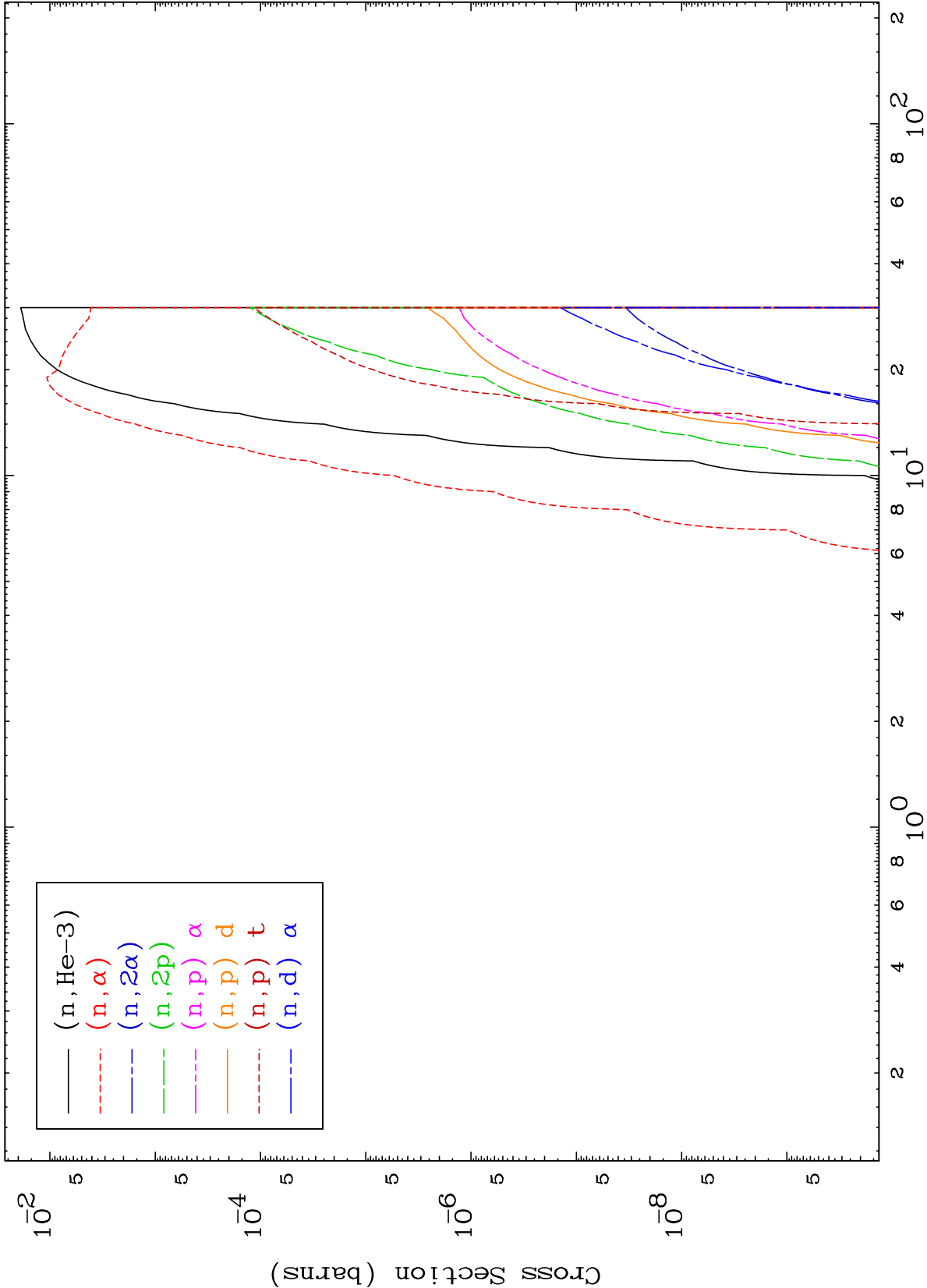
MAT 5646

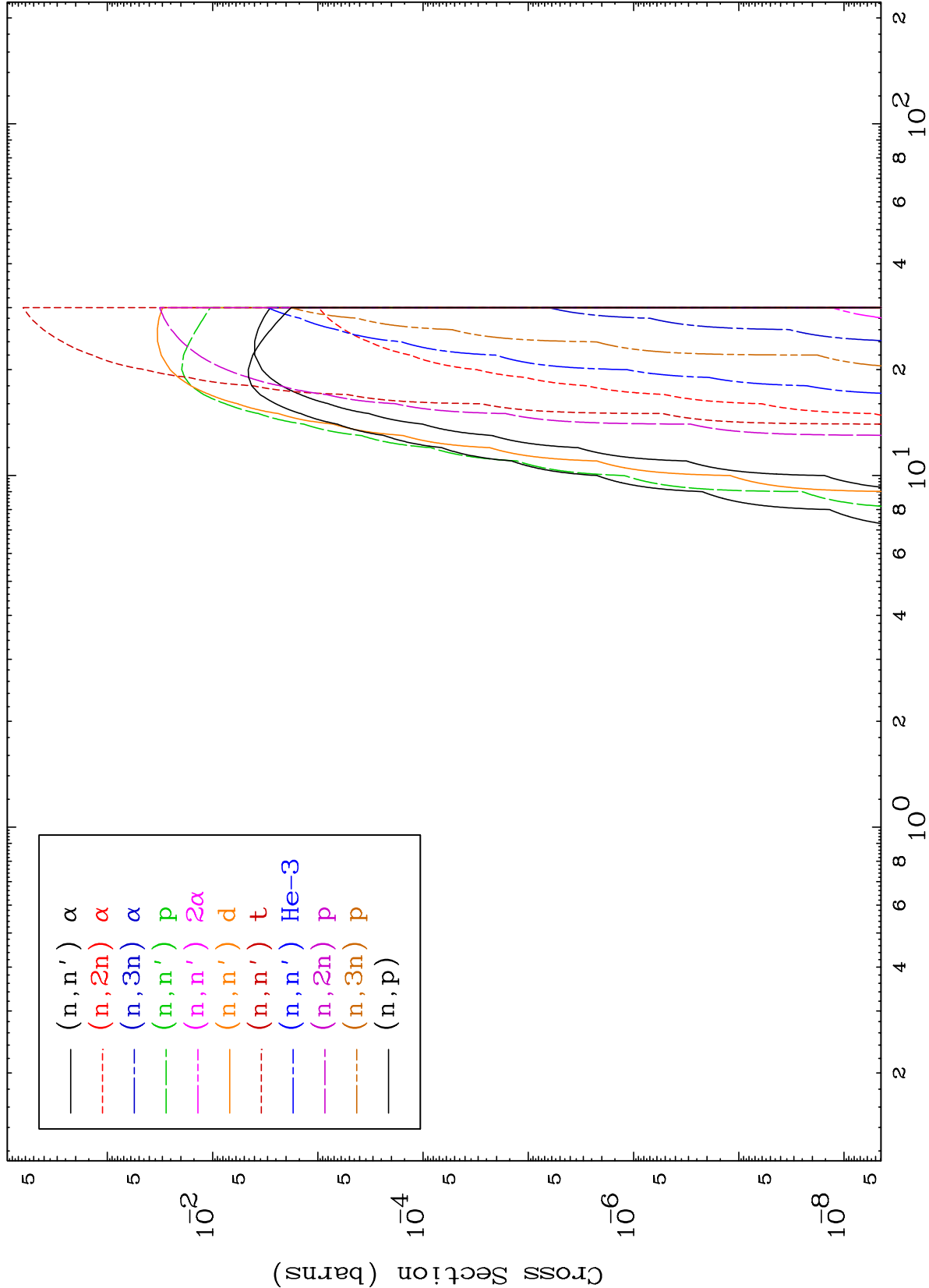
He-3 Neutron Absorption
0 Kelvin Cross Sections

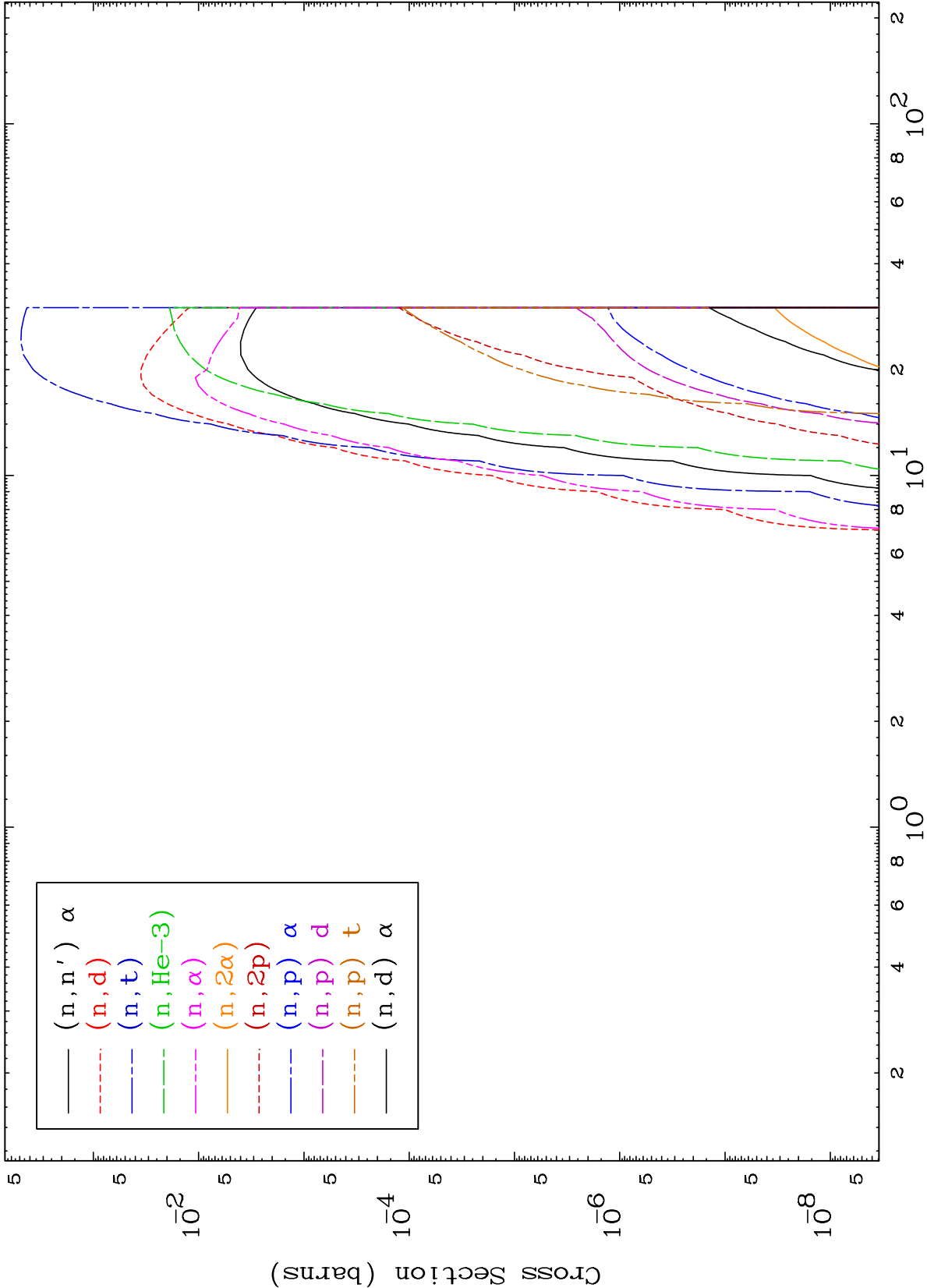
56-Ba-137







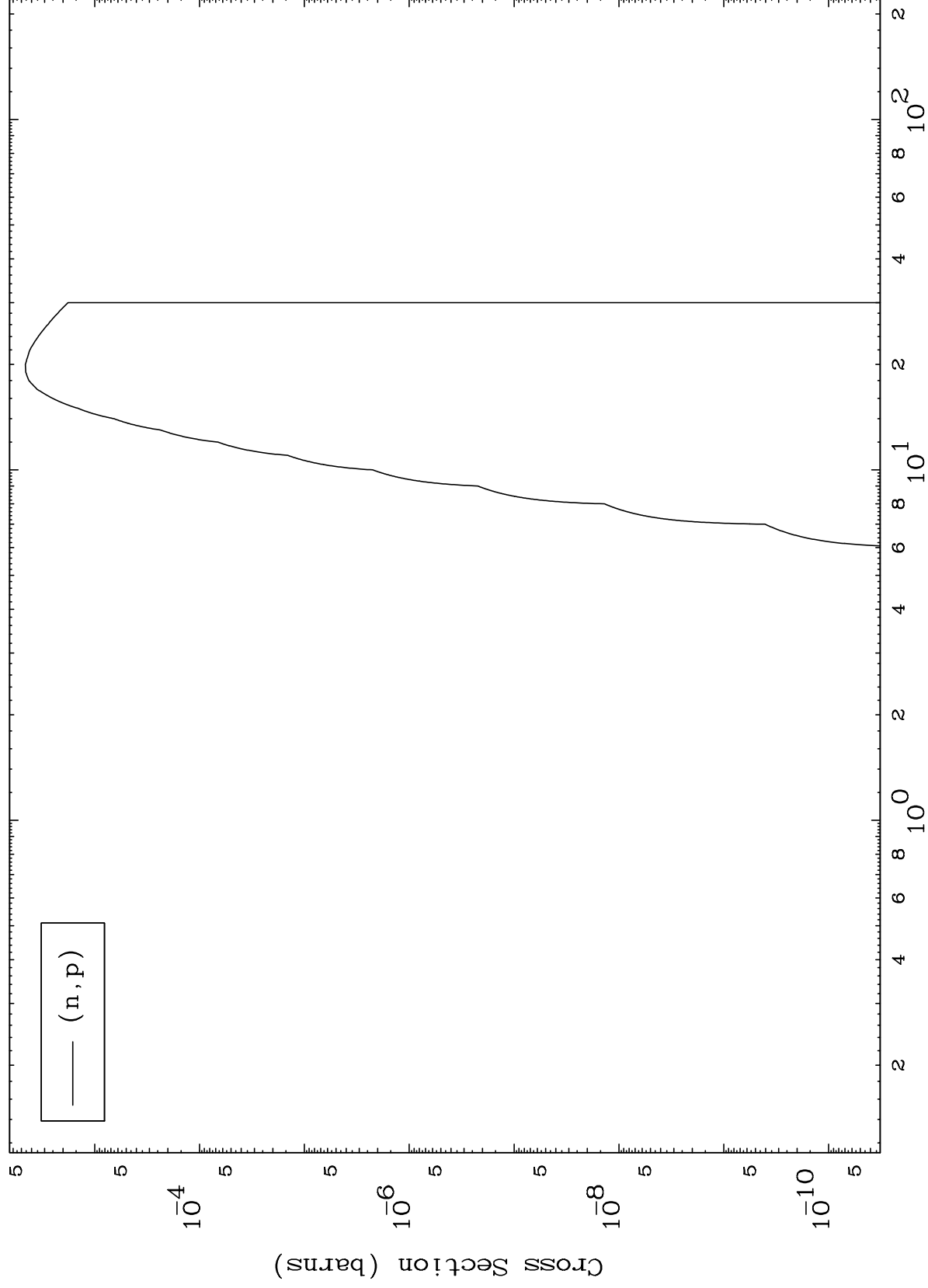




MAT 5646

56-Ba-137

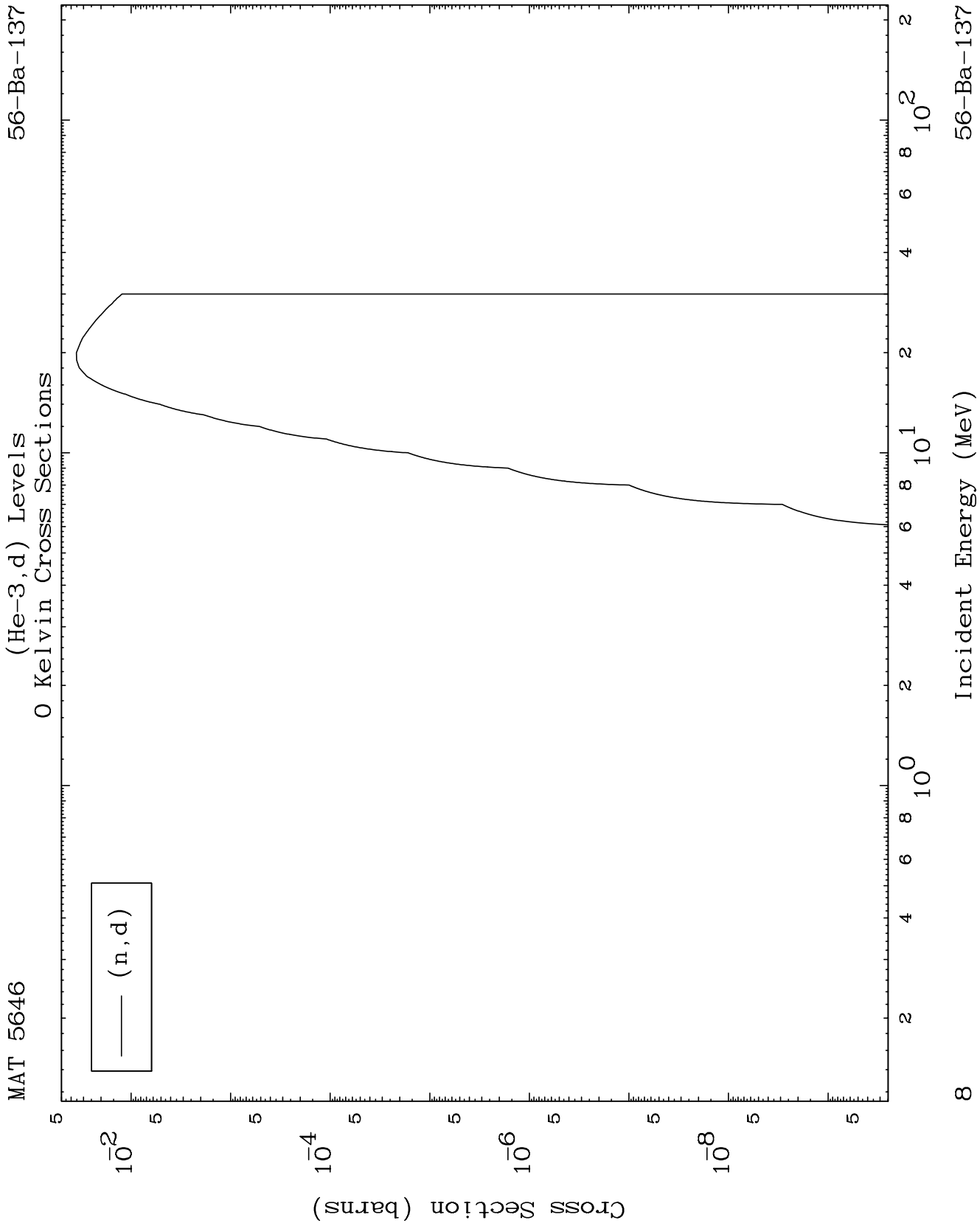
(He-3,p) Levels
0 Kelvin Cross Sections

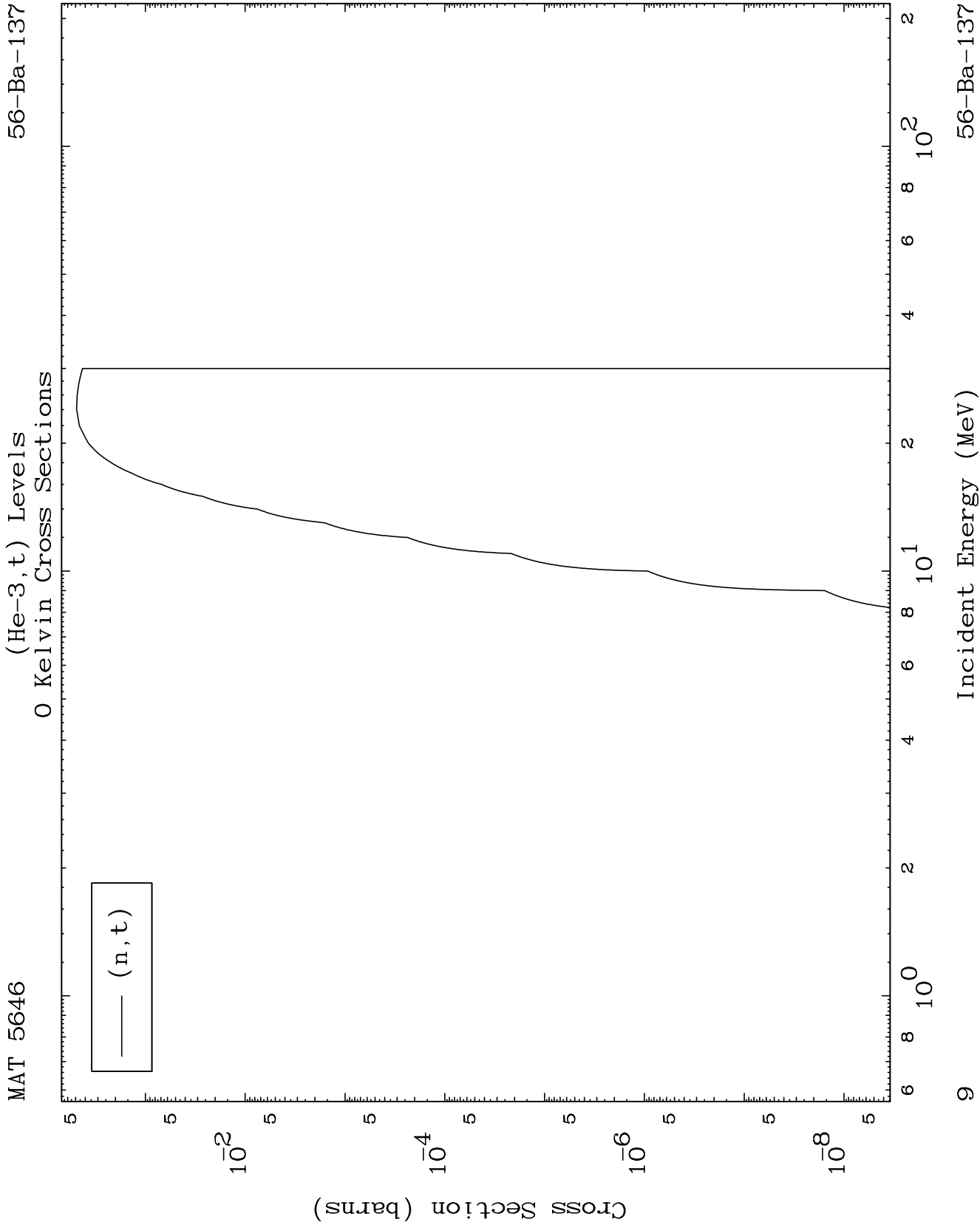


56-Ba-137

Incident Energy (MeV)

7



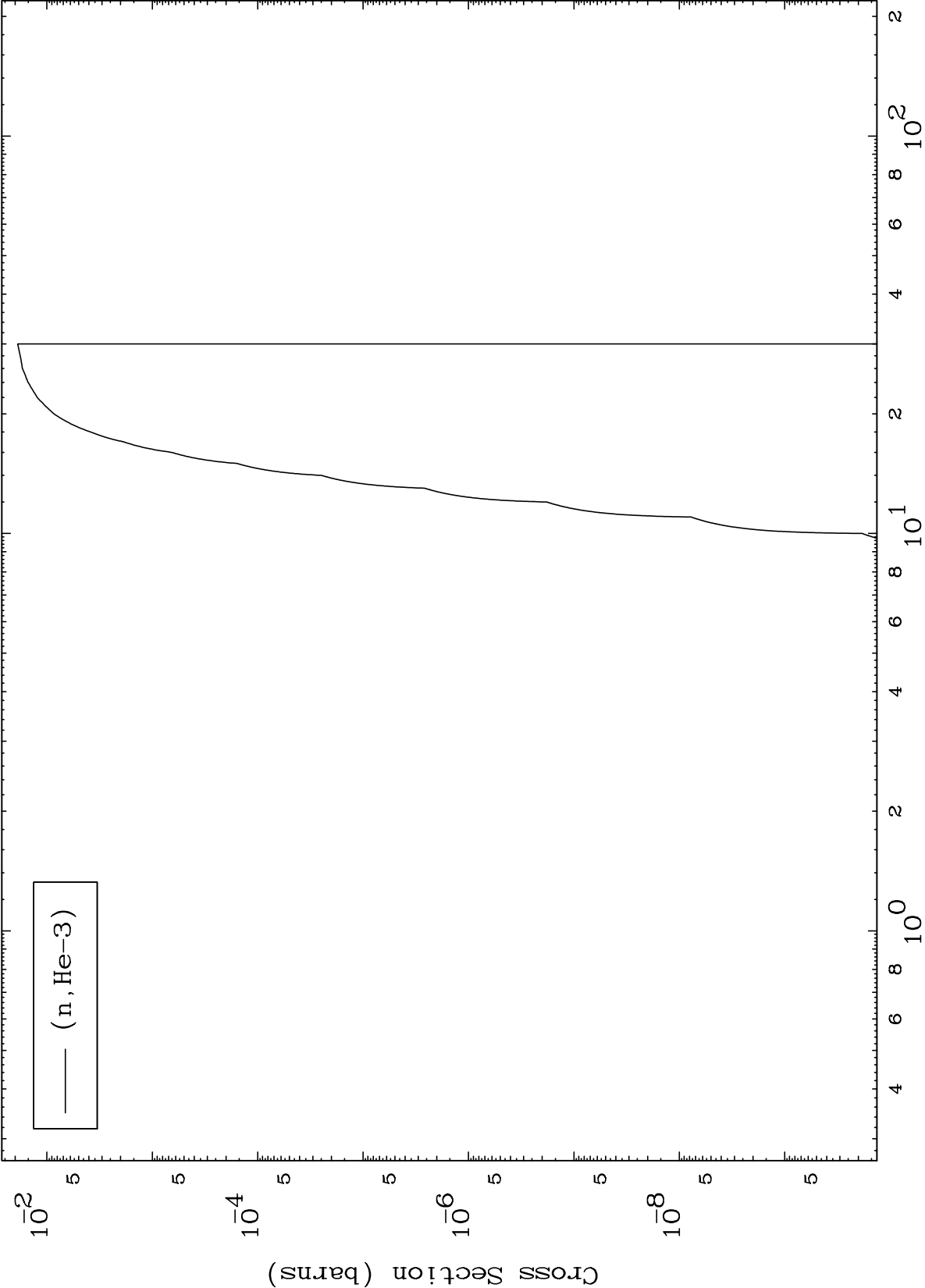


MAT 5646

(He-3,He3) Levels

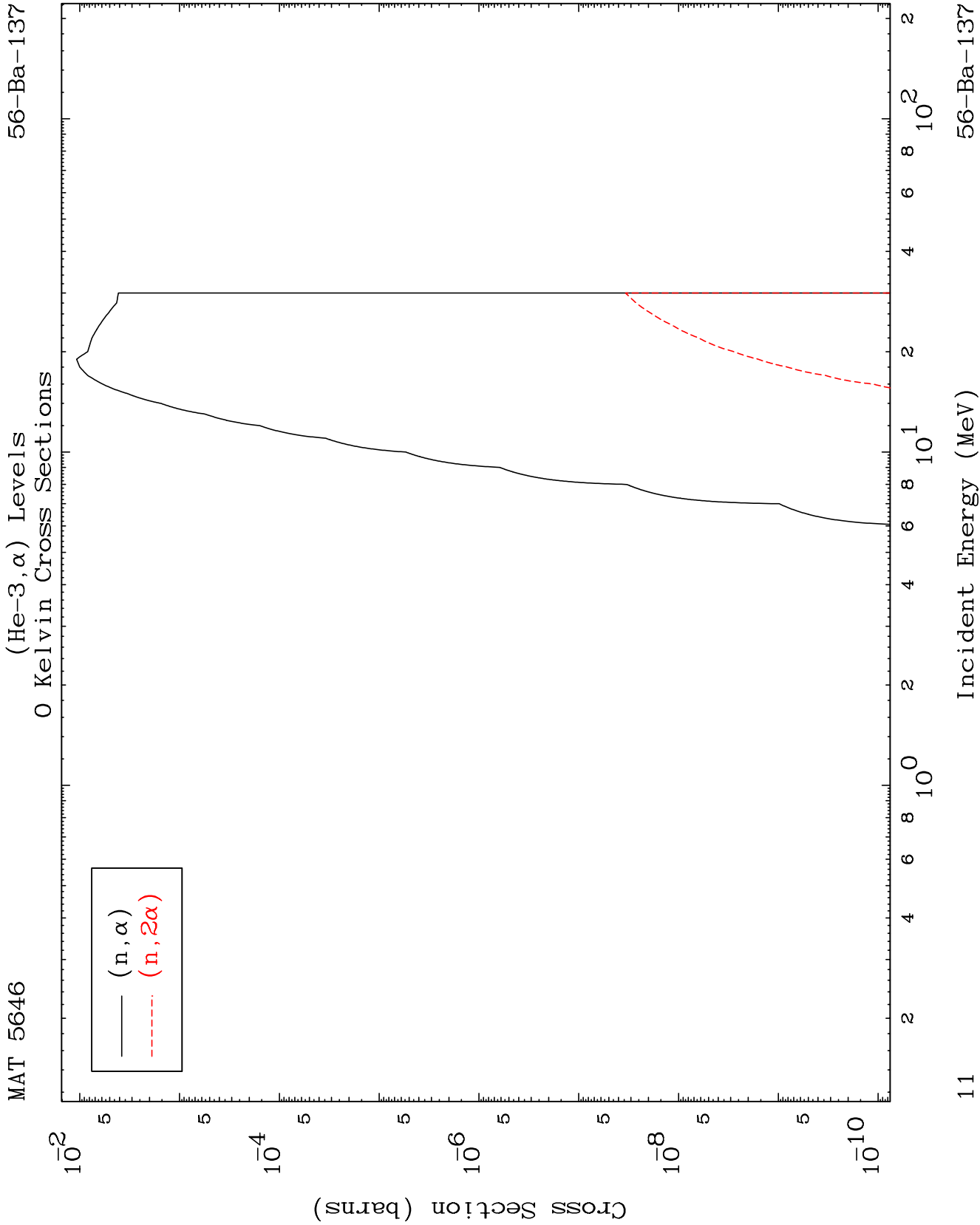
56-Ba-137

0 Kelvin Cross Sections



Incident Energy (MeV)

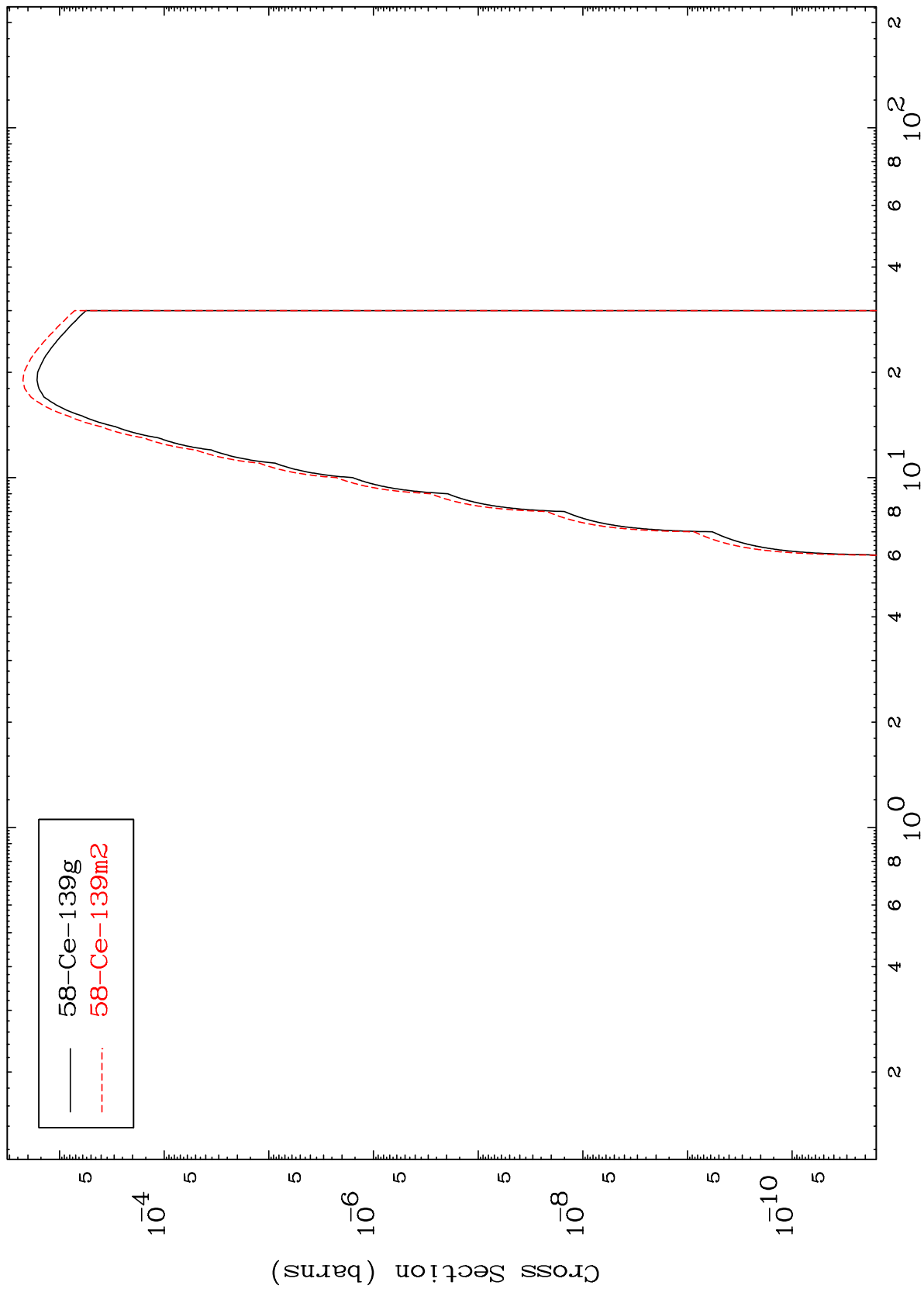
56-Ba-137



MAT 5646

56-Ba-137

Radionuclide Production Cross Section

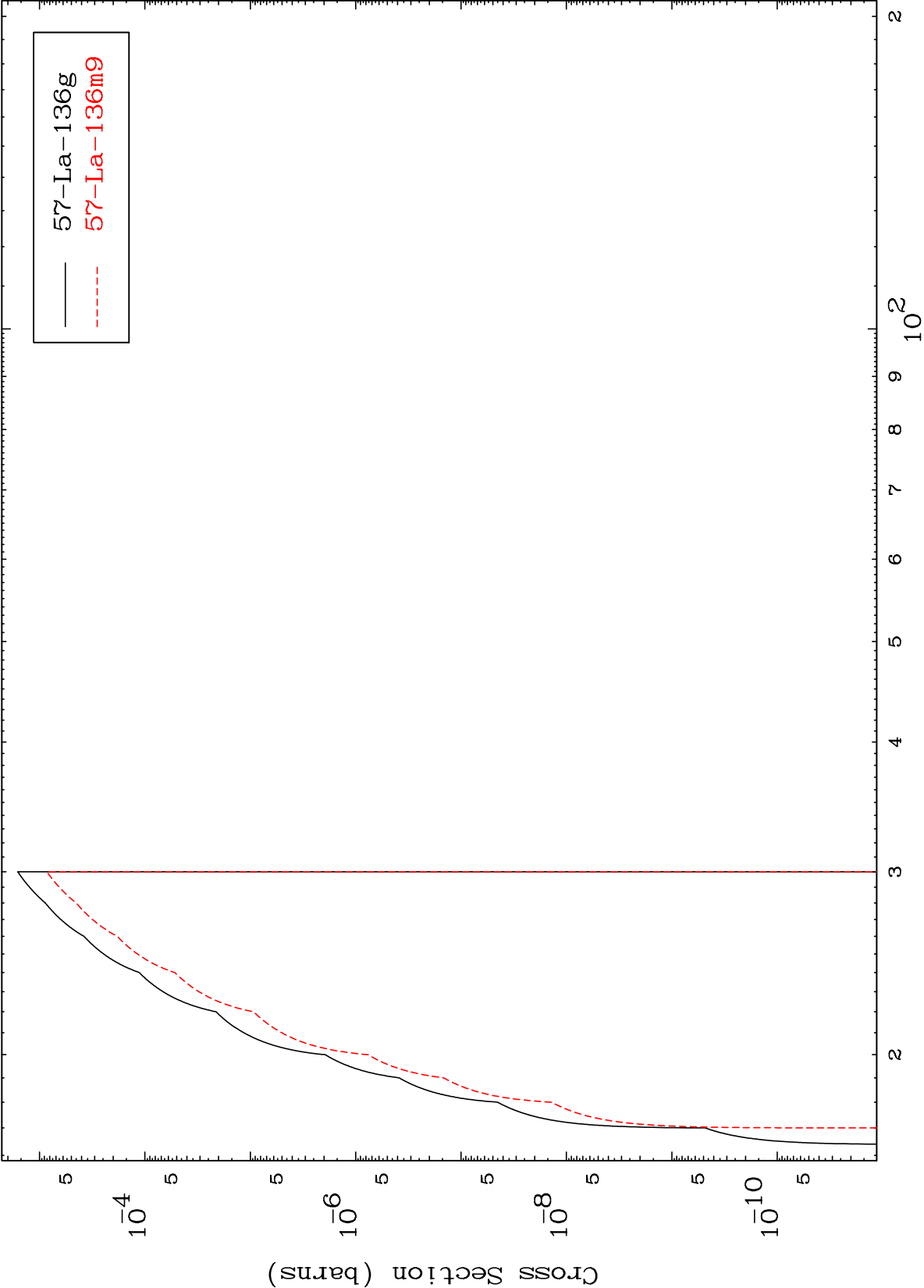


56-Ba-137

Incident Energy (MeV)

12

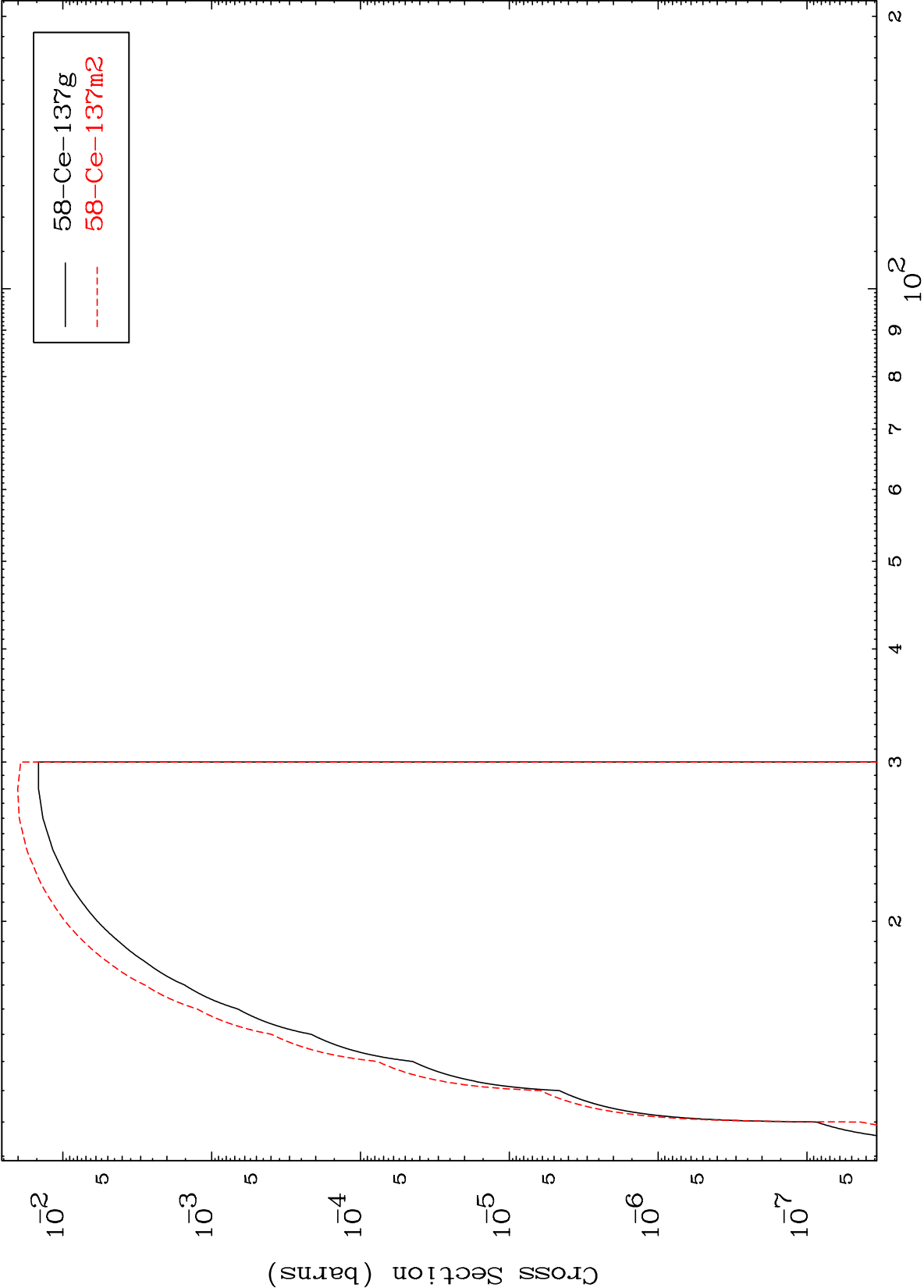
Radionuclide Production Cross Section



MAT 5646

56-Ba-137

(n,3n)
Radionuclide Production Cross Section



56-Ba-137

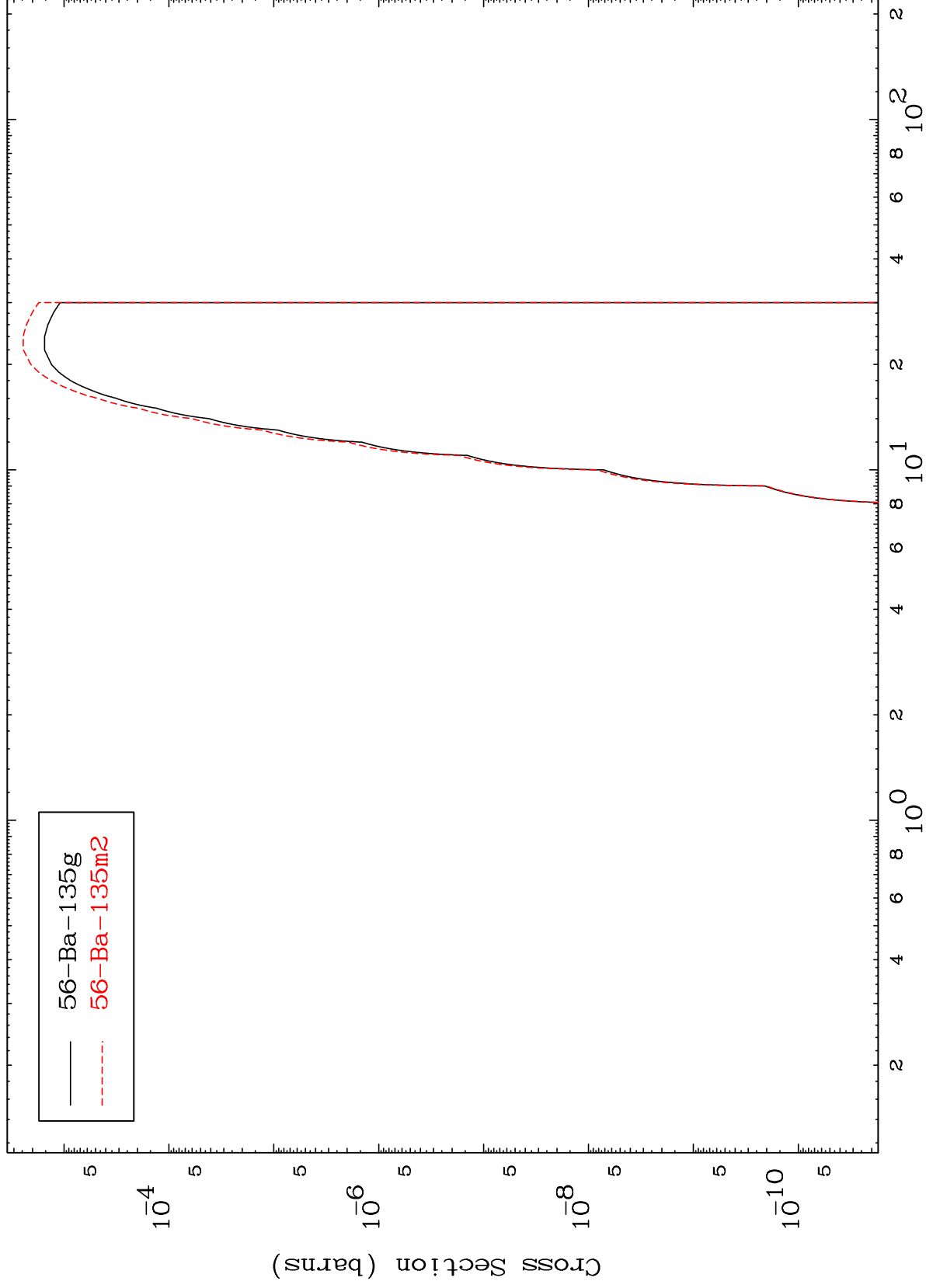
Incident Energy (MeV)

14

MAT 5646

56-Ba-137

Radionuclide Production Cross Section
(n,n') α

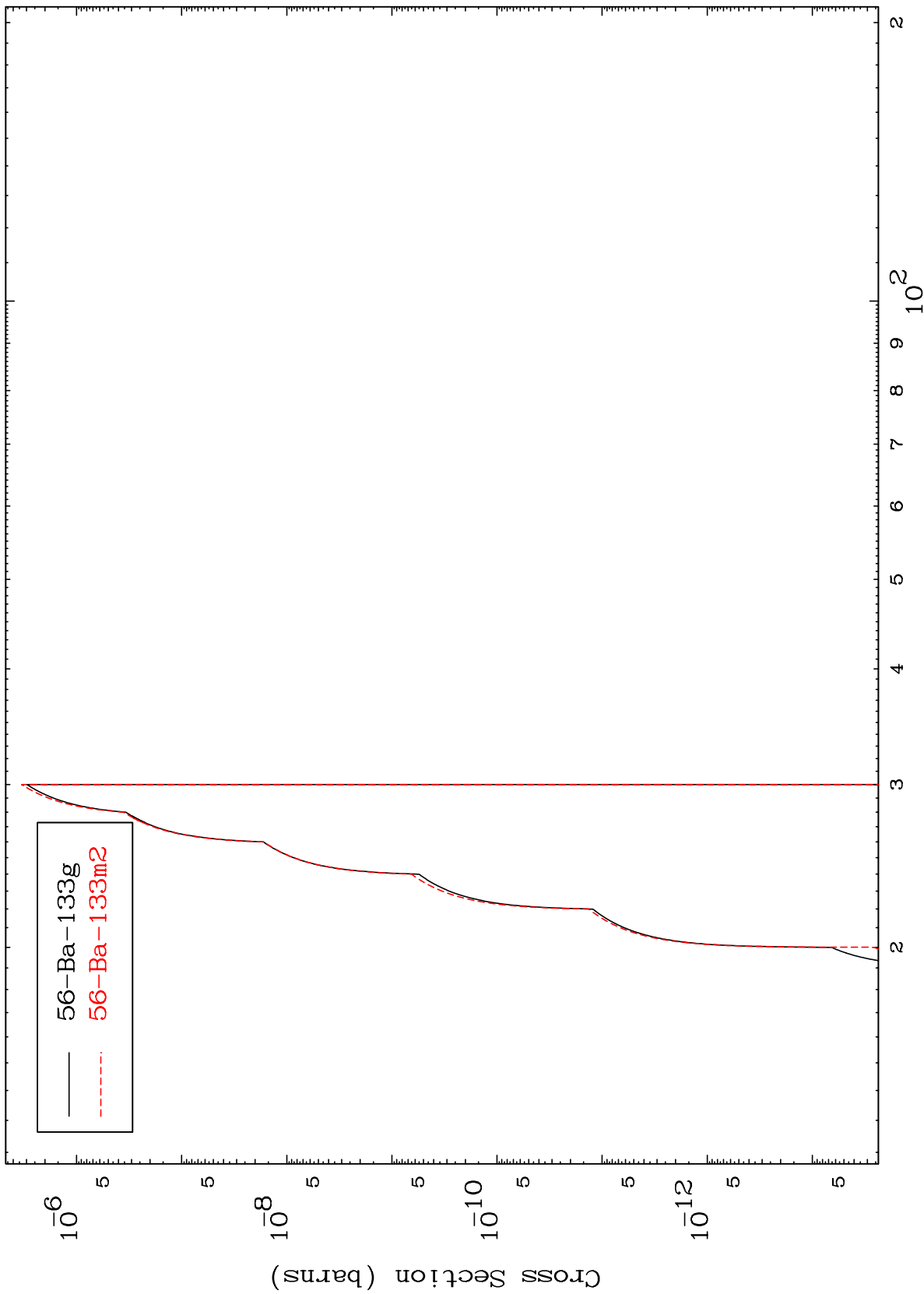


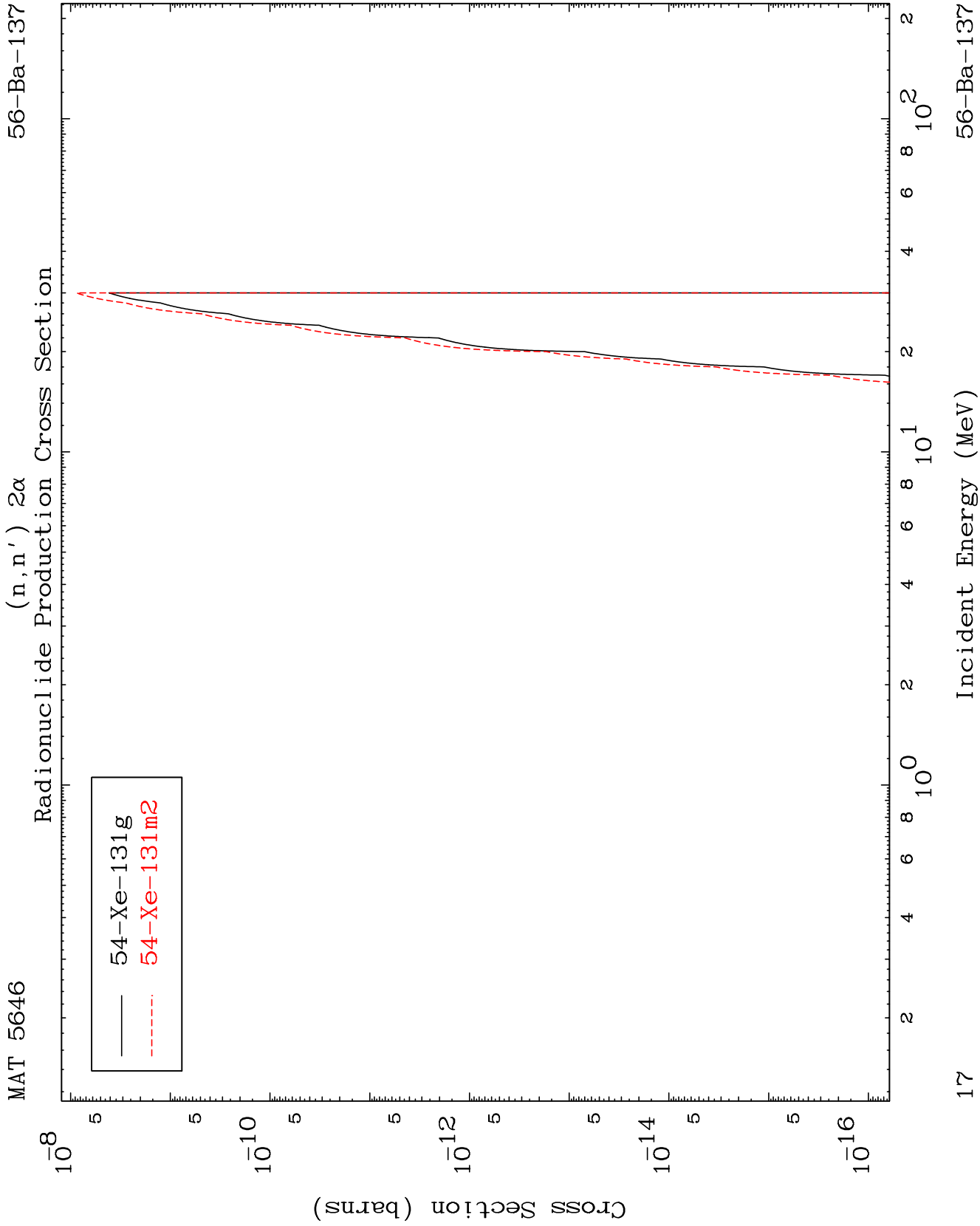
15

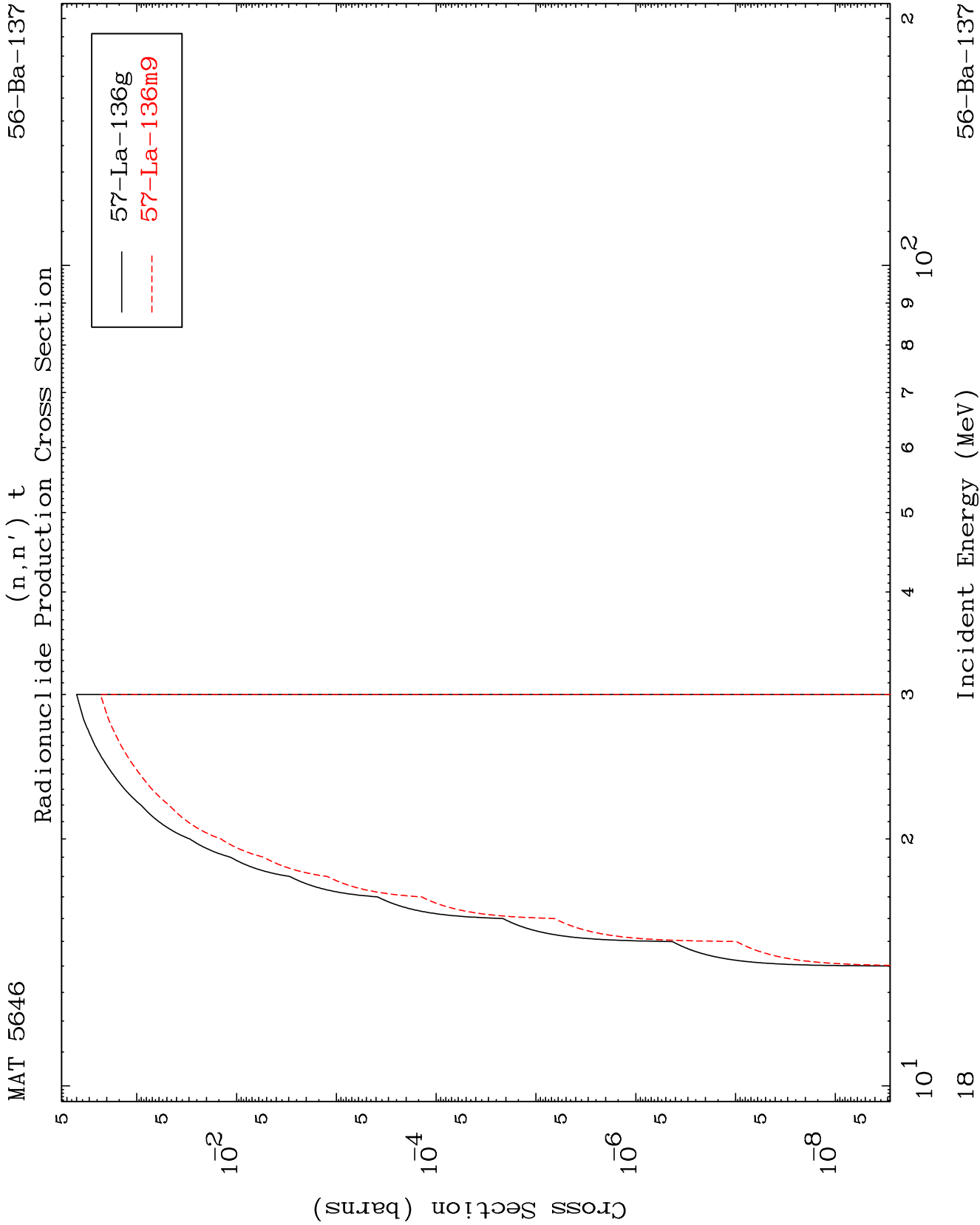
Incident Energy (MeV)

56-Ba-137

Radionuclide Production Cross Section





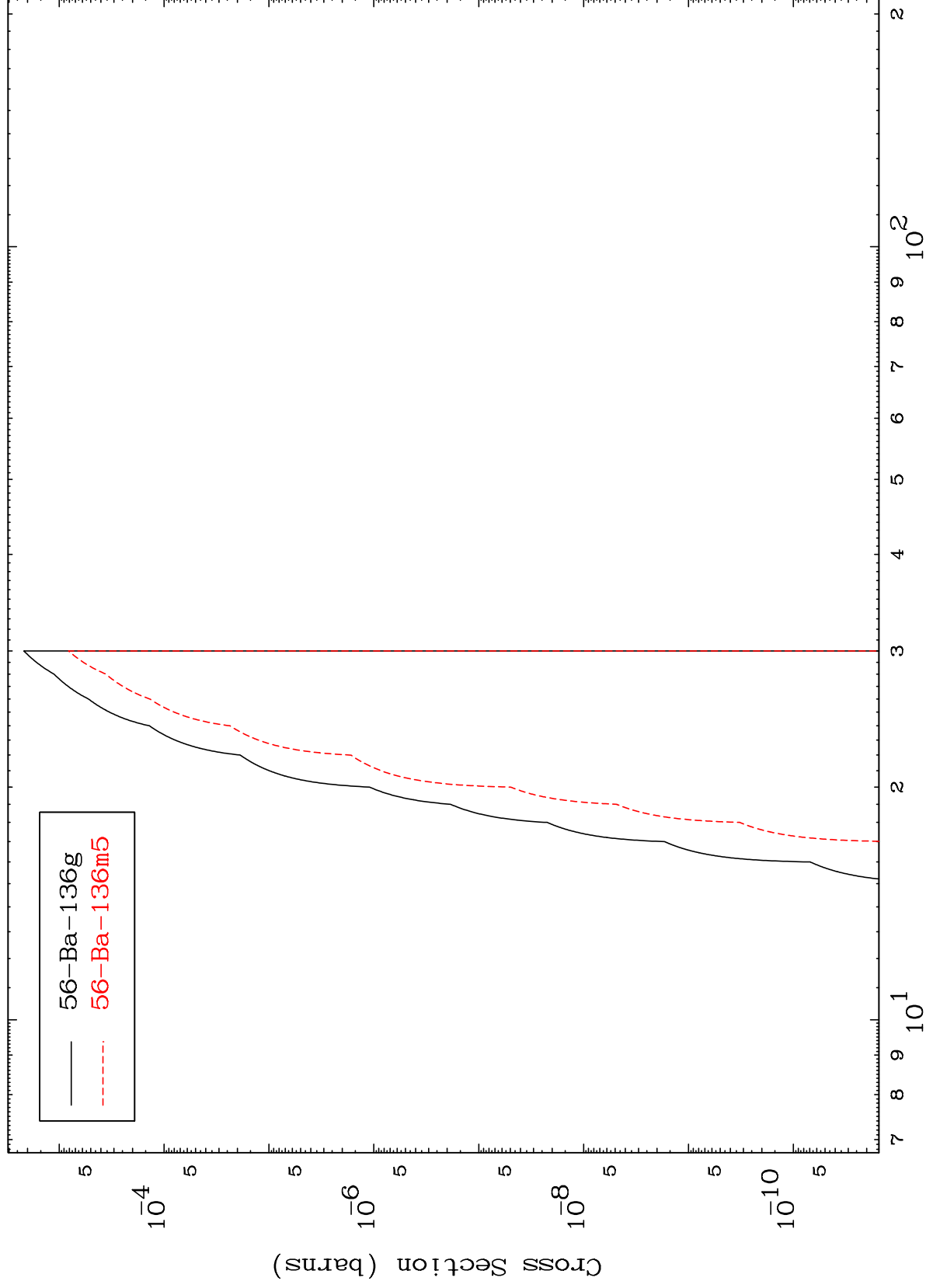


MAT 5646

(n,n') He-3

56-Ba-137

Radionuclide Production Cross Section



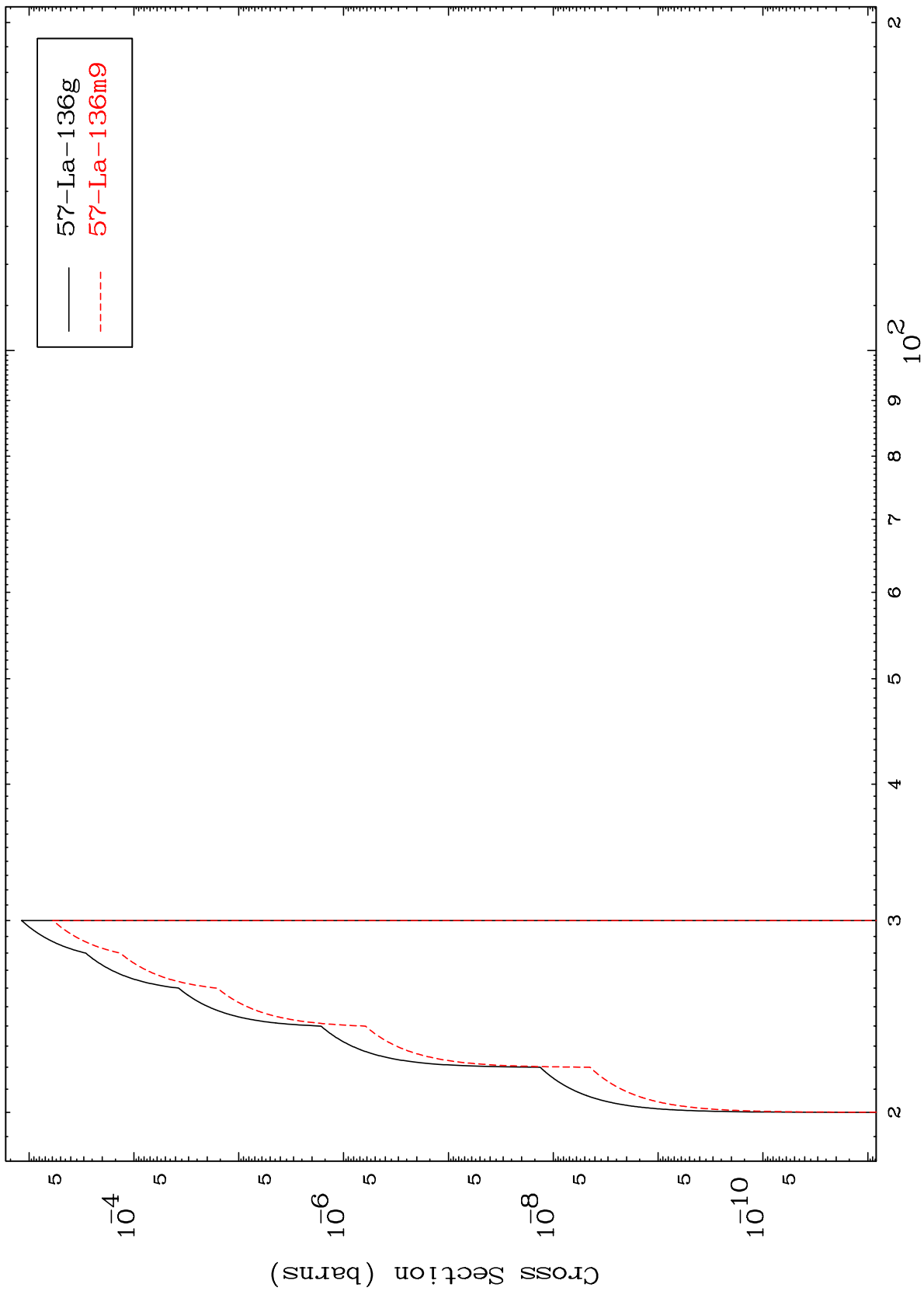
Incident Energy (MeV)

56-Ba-137

MAT 5646

56-Ba-137

(n,3n) p
Radionuclide Production Cross Section



56-Ba-137

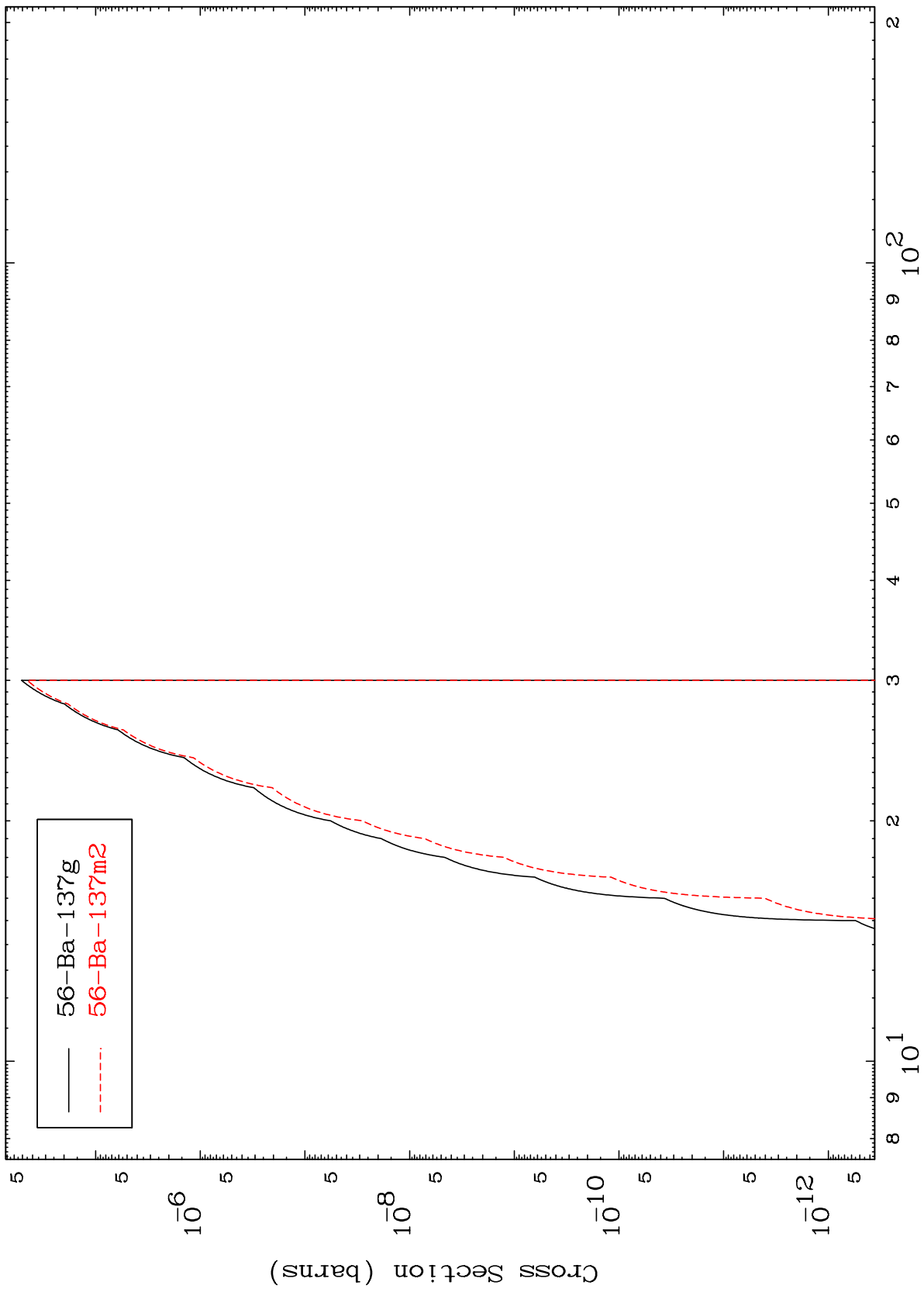
Incident Energy (MeV)

20

MAT 5646

56-Ba-137

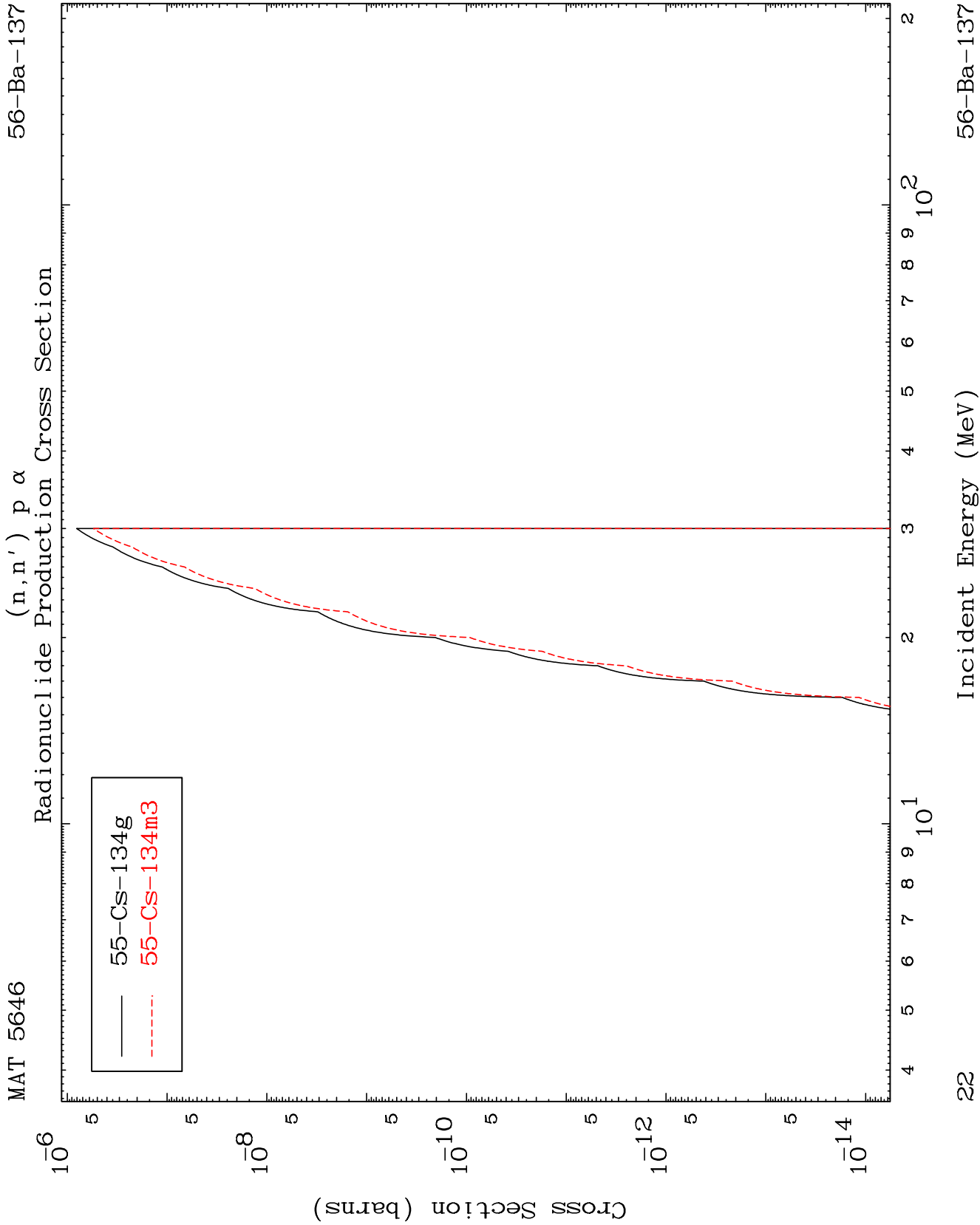
(n,2n) p
Radionuclide Production Cross Section



56-Ba-137

Incident Energy (MeV)

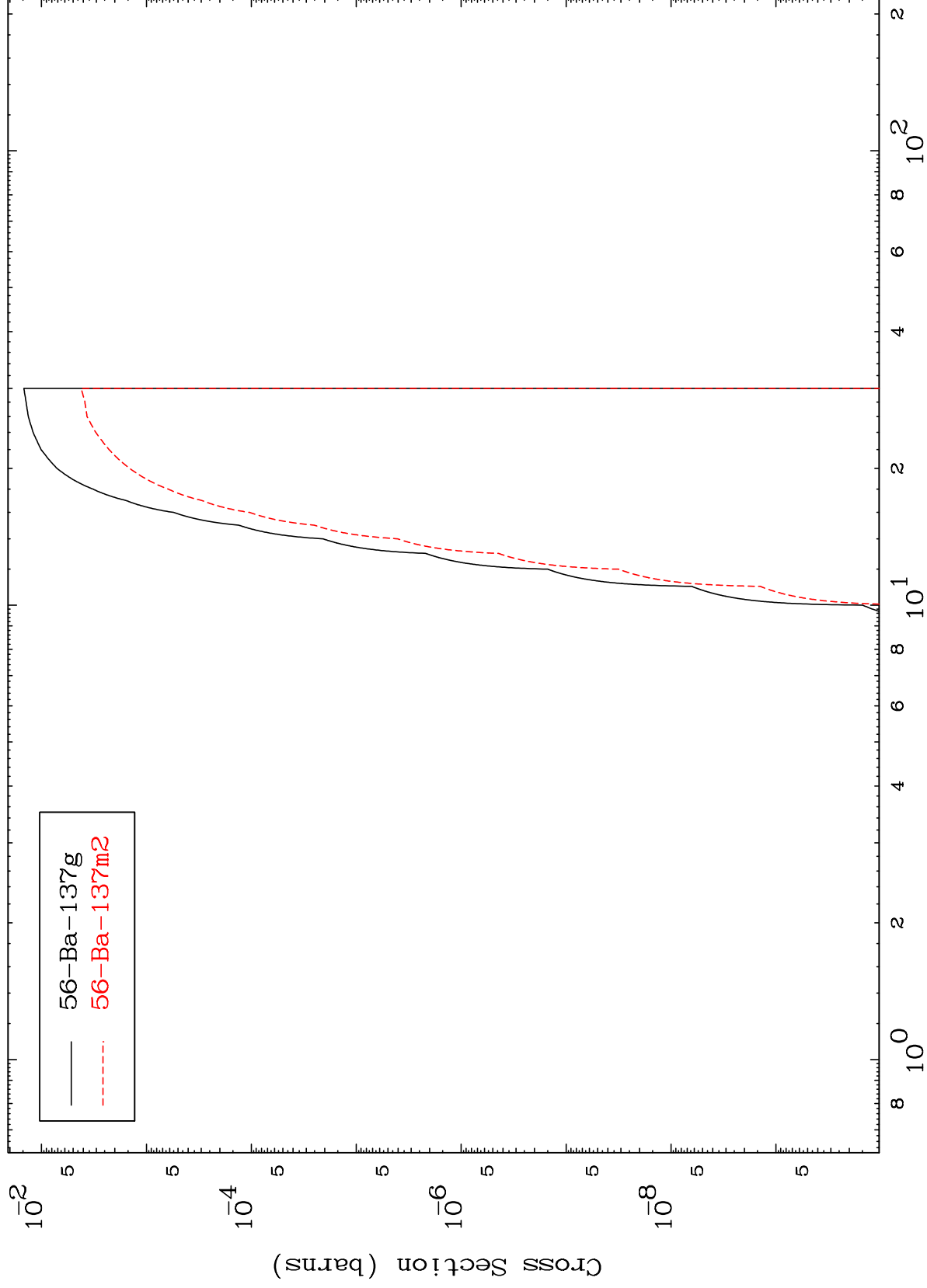
21



MAT 5646

56-Ba-137

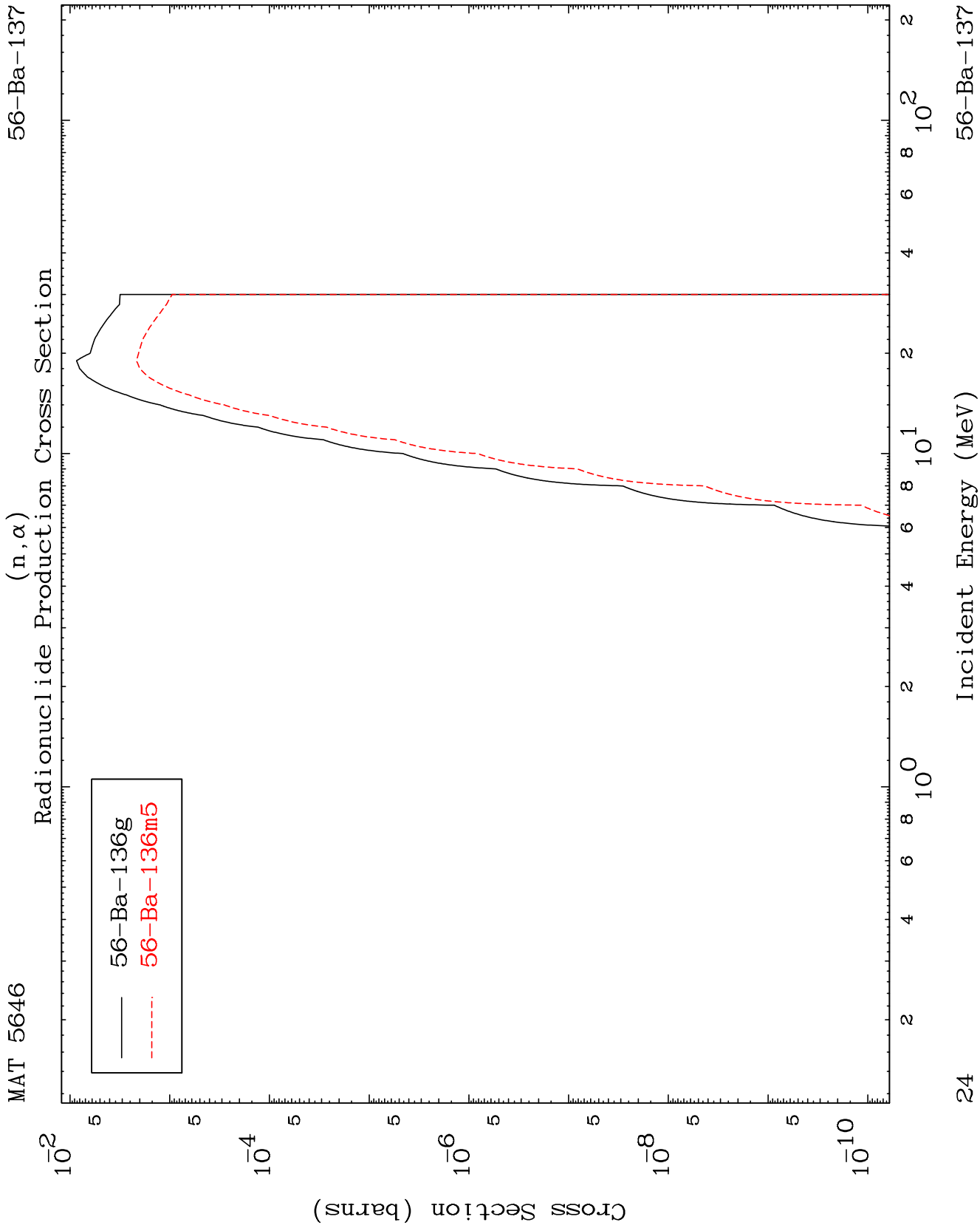
Radionuclide Production Cross Section
(n,He-3)

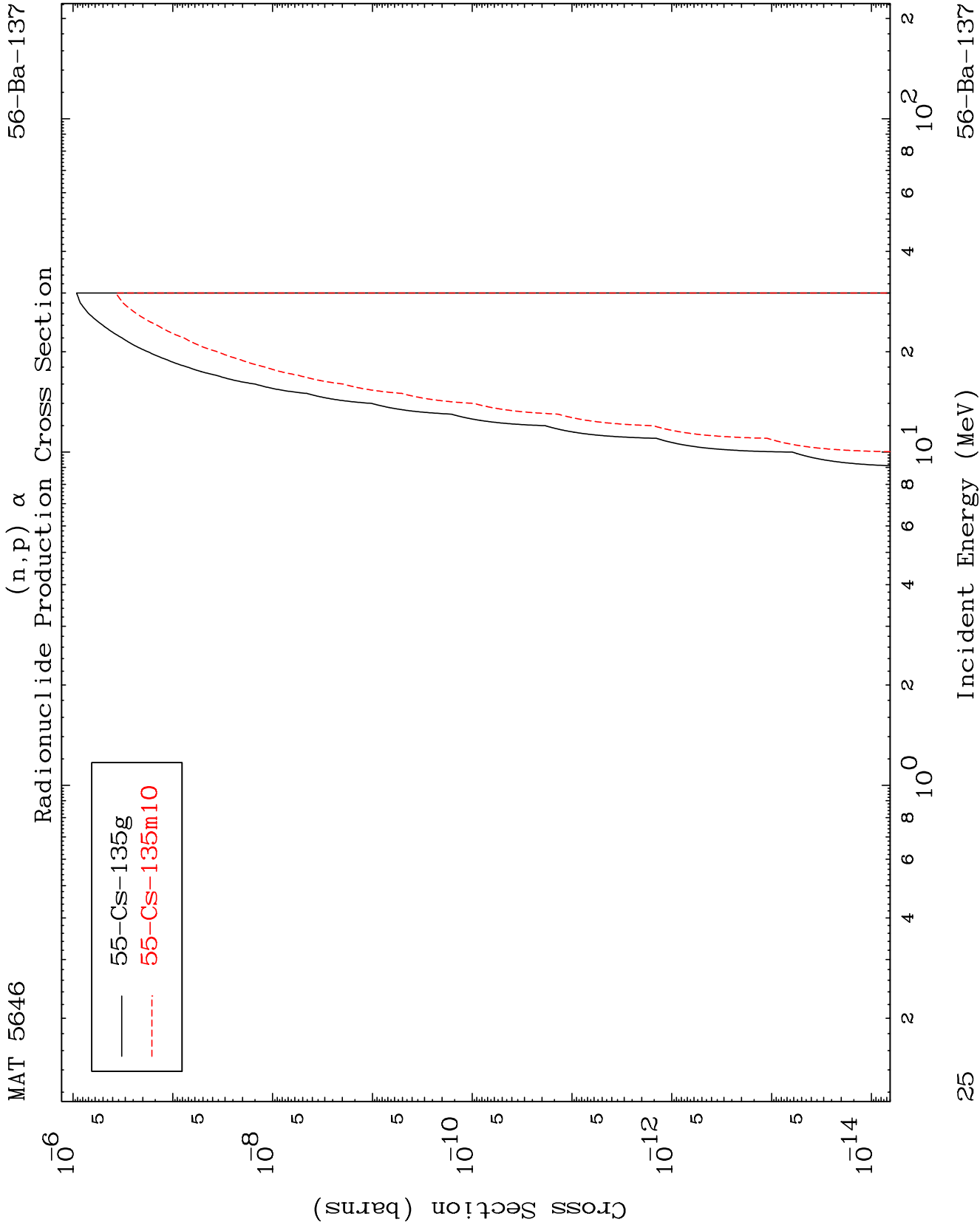


23

Incident Energy (MeV)

56-Ba-137

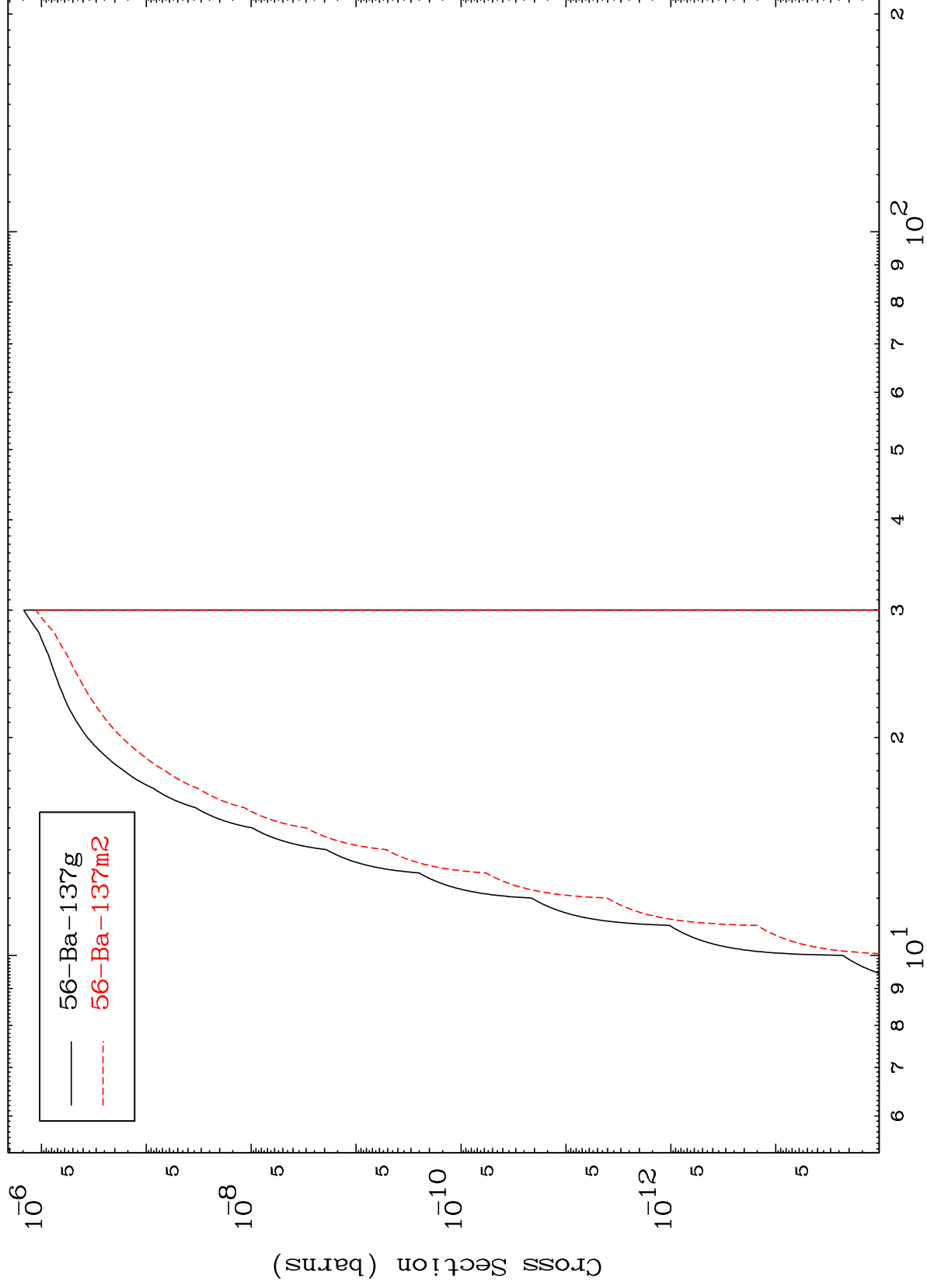




MAT 5646

56-Ba-137

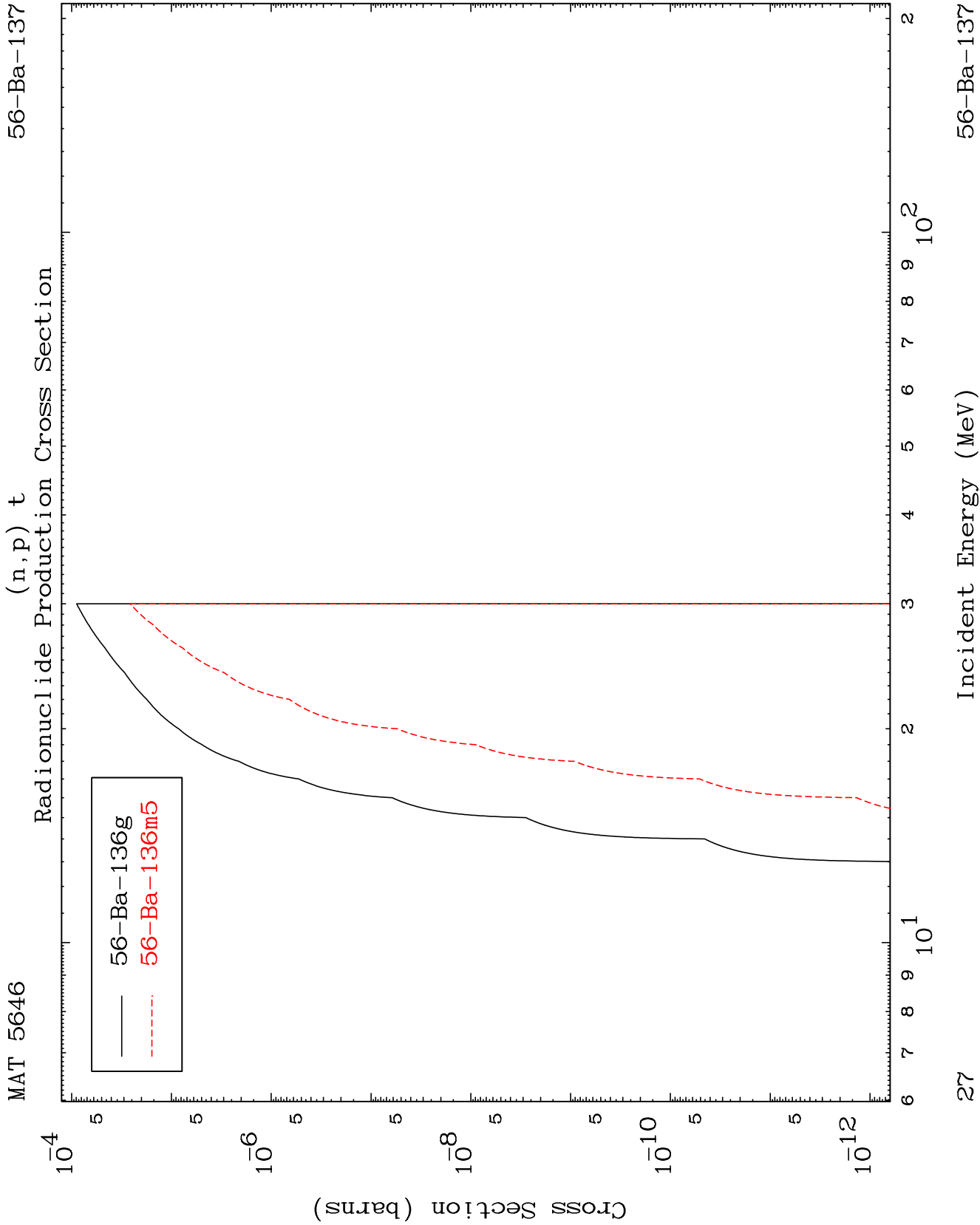
(n,p) d
Radionuclide Production Cross Section



26

Incident Energy (MeV)

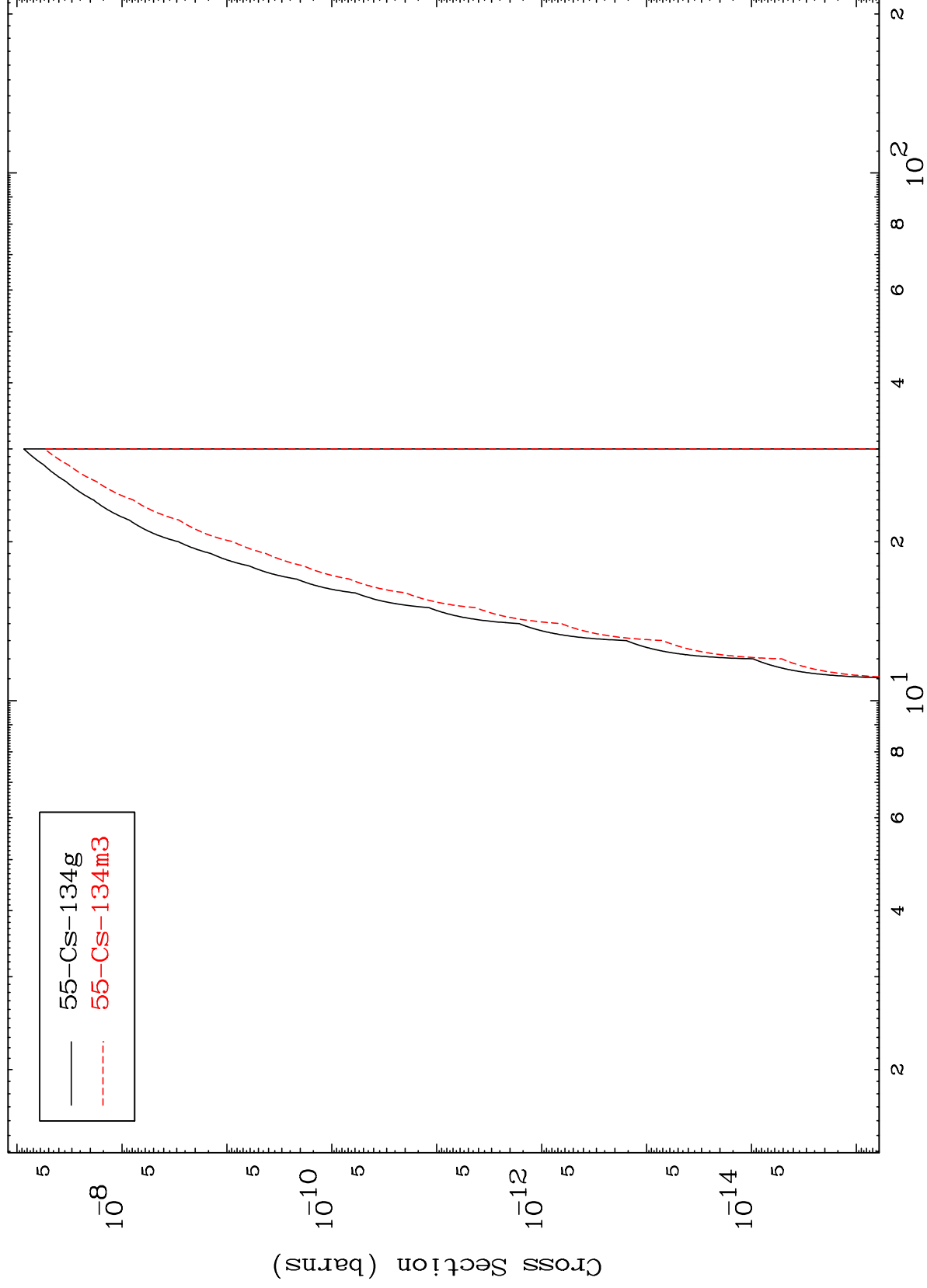
56-Ba-137



MAT 5646

56-Ba-137

(n,d) α
Radionuclide Production Cross Section



28

Incident Energy (MeV)

56-Ba-137