

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

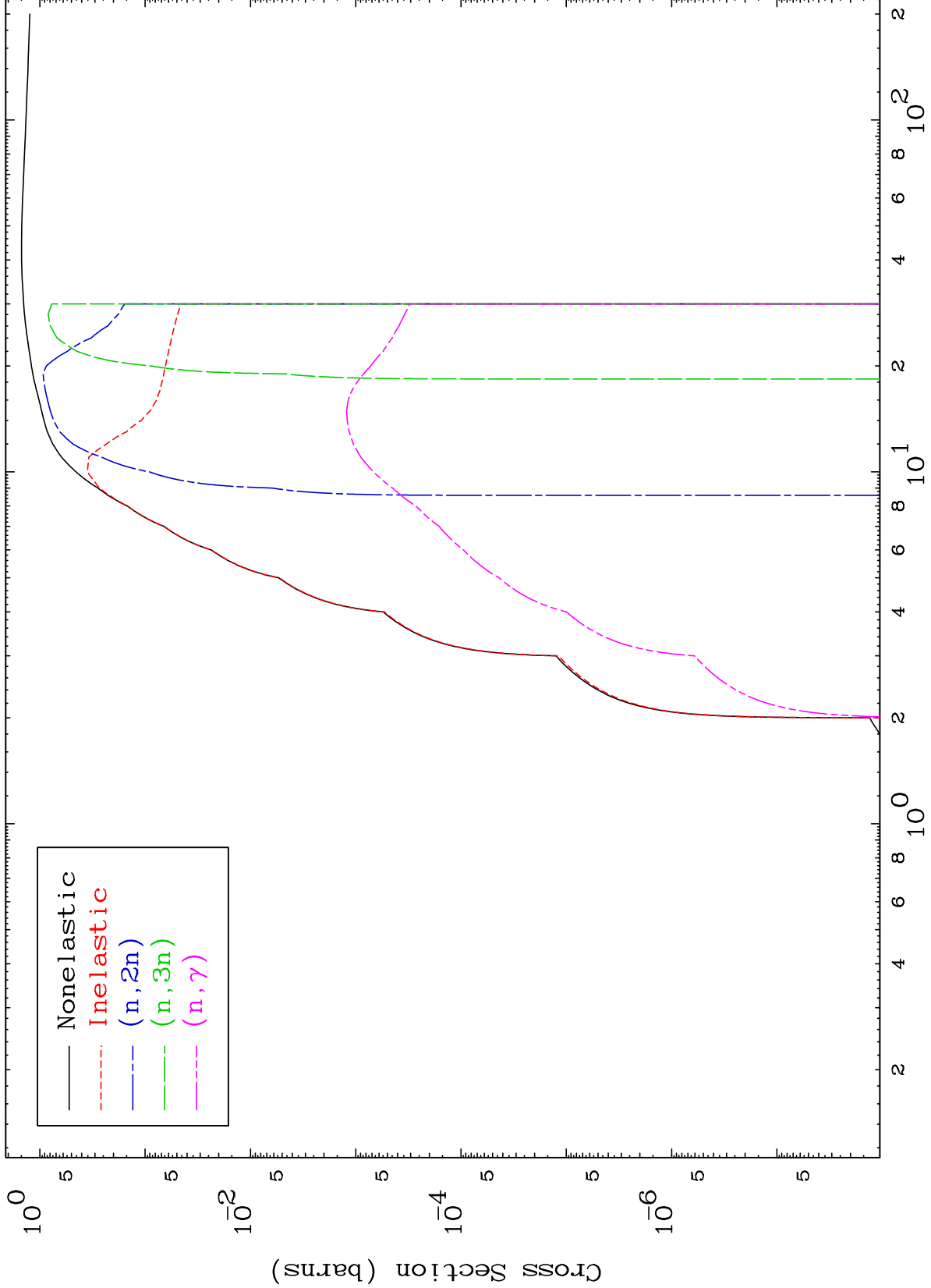
Press Mouse Button to Start

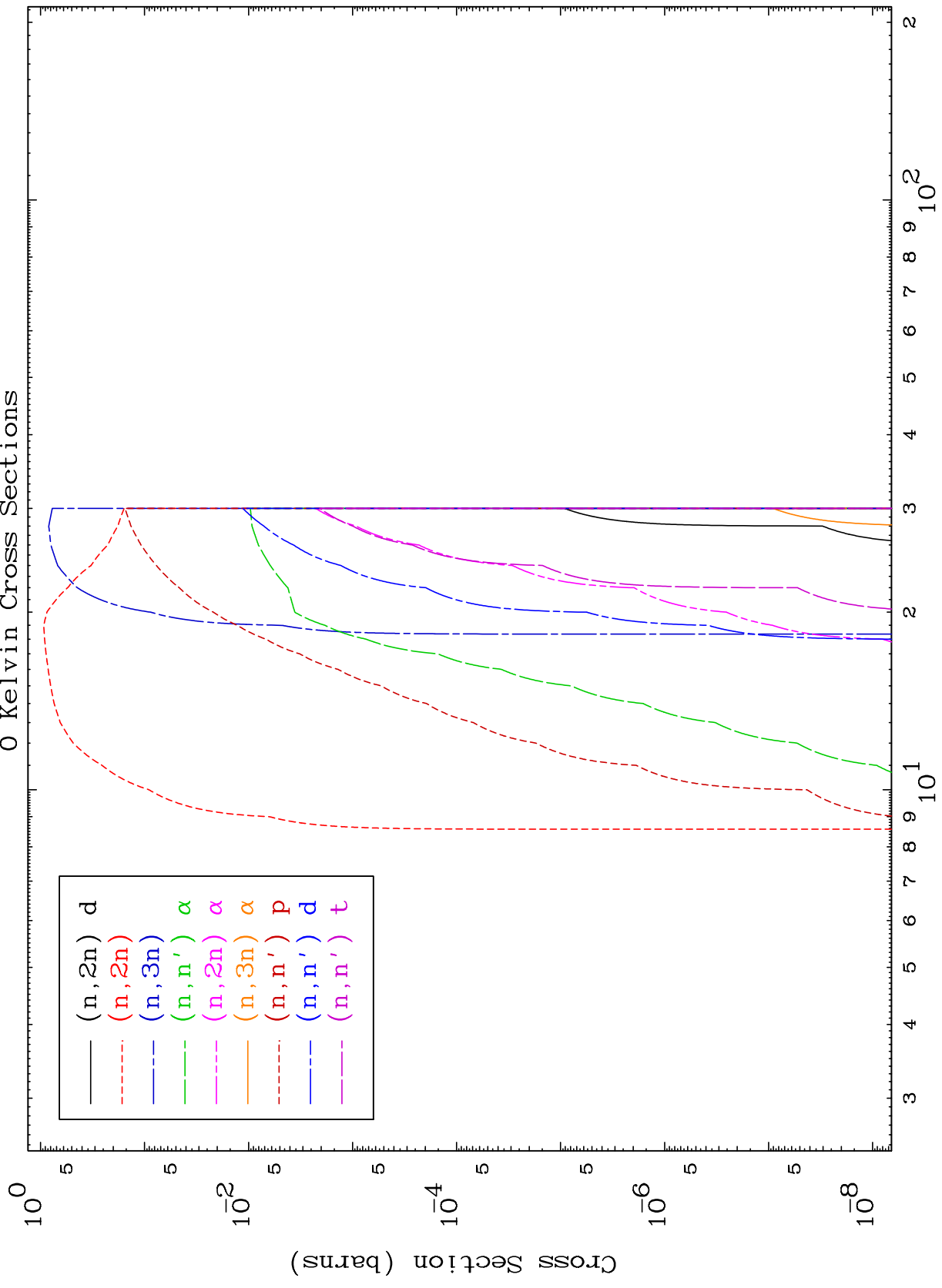
MAT 5728

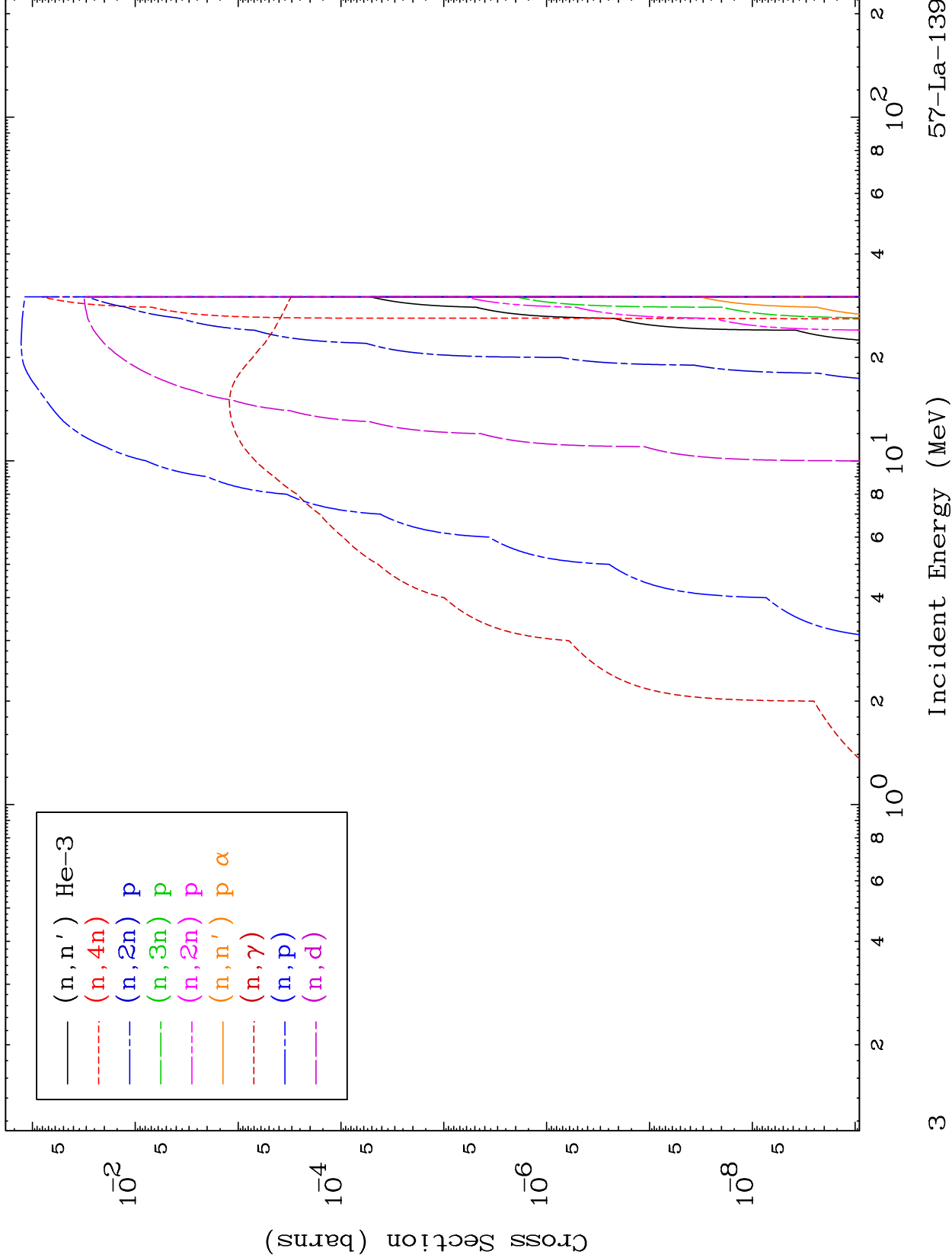
Proton Major

57-La-139

0 Kelvin Cross Sections



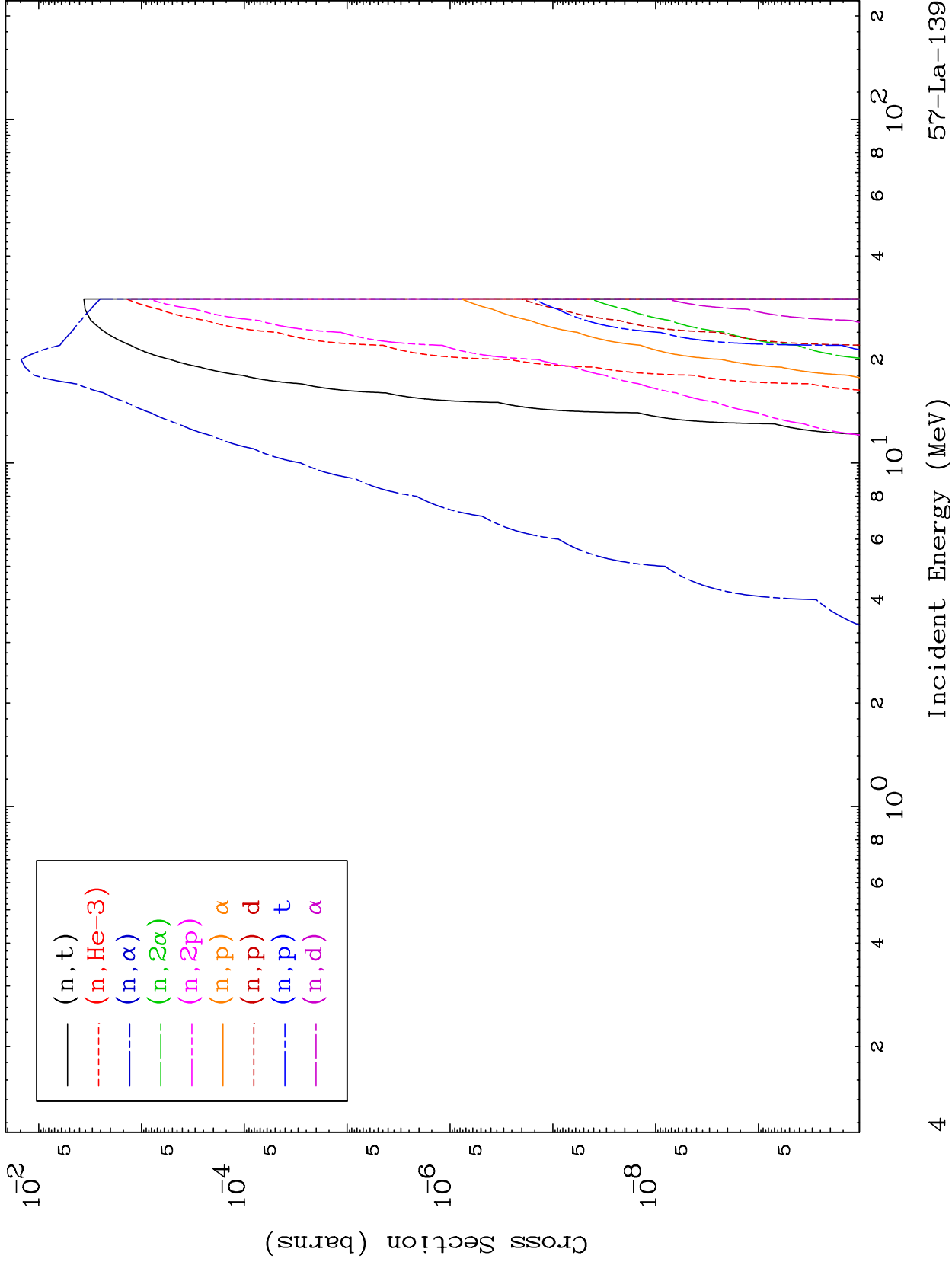




MAT 5728

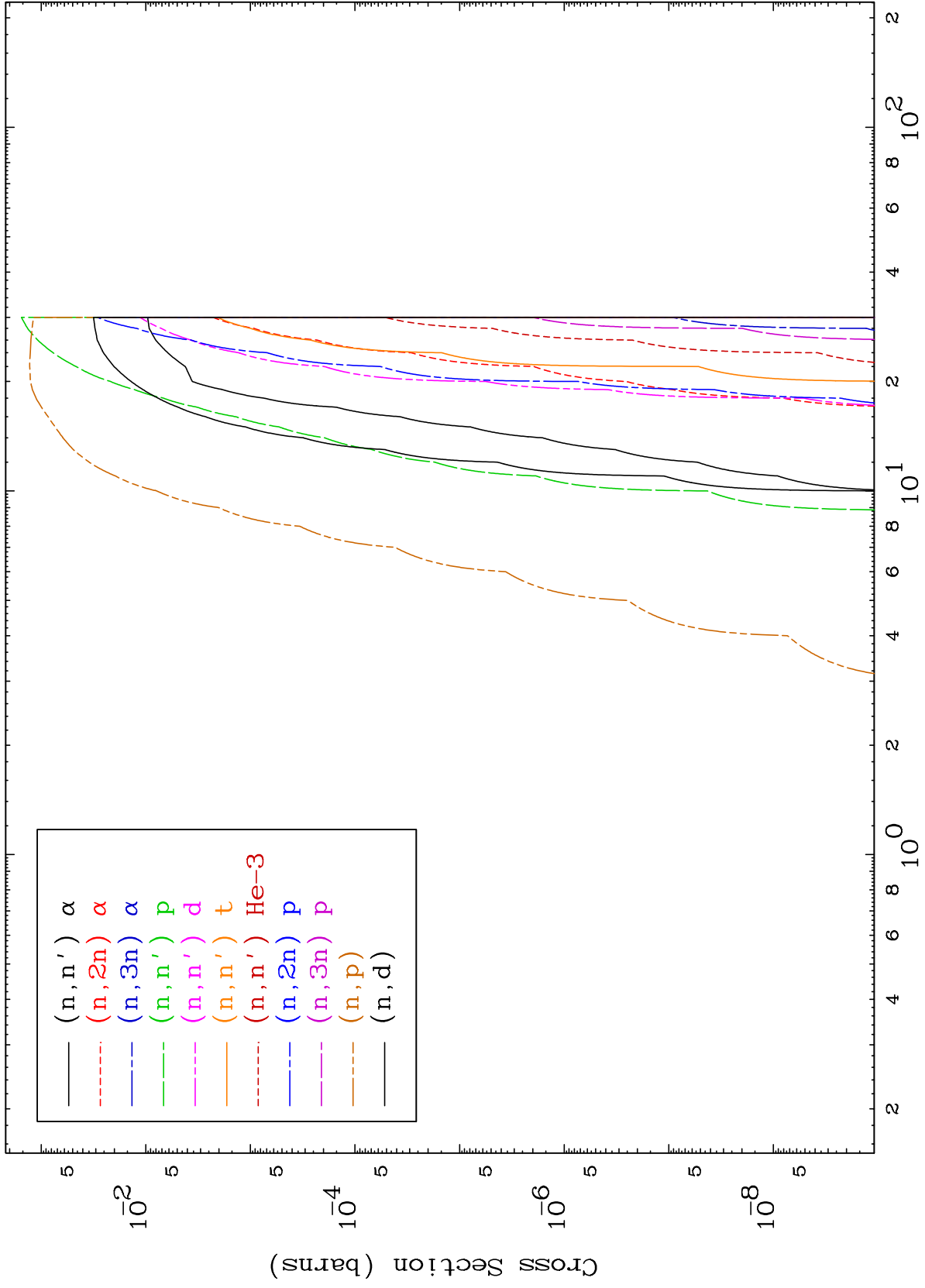
Proton Neutron Absorption
0 Kelvin Cross Sections

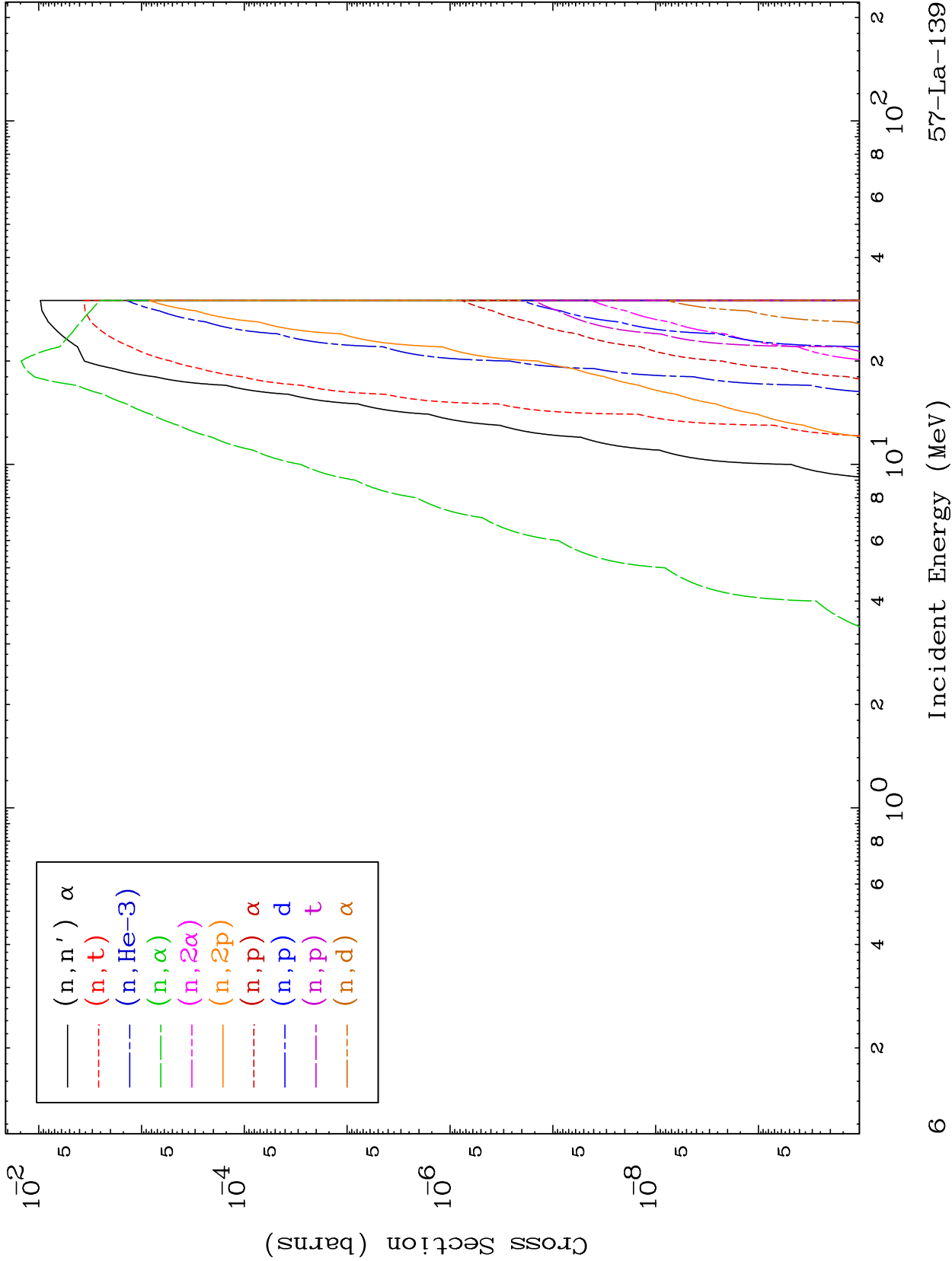
57-La-139



Incident Energy (MeV)

57-La-139



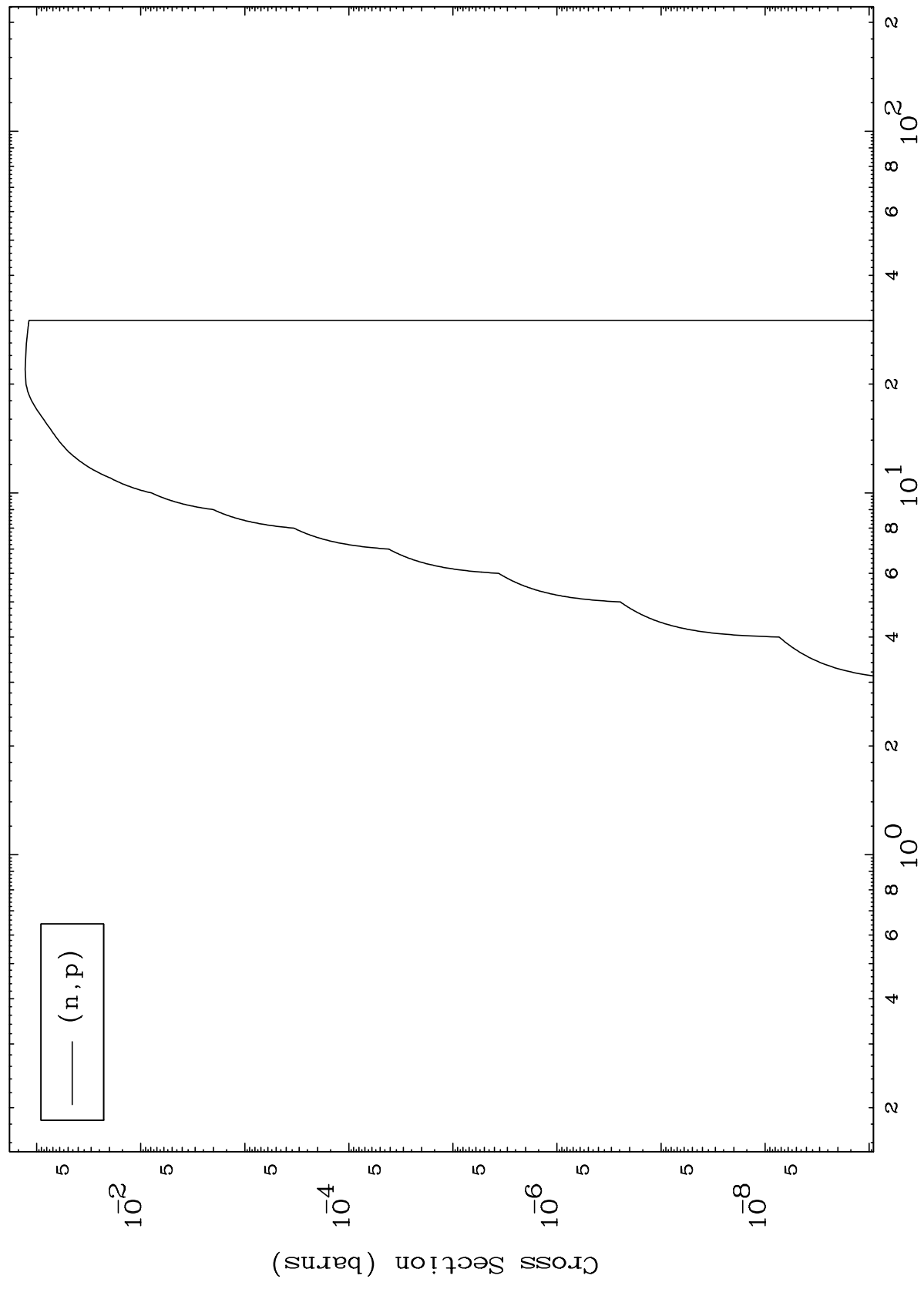


MAT 5728

(p,p) Levels

57-La-139

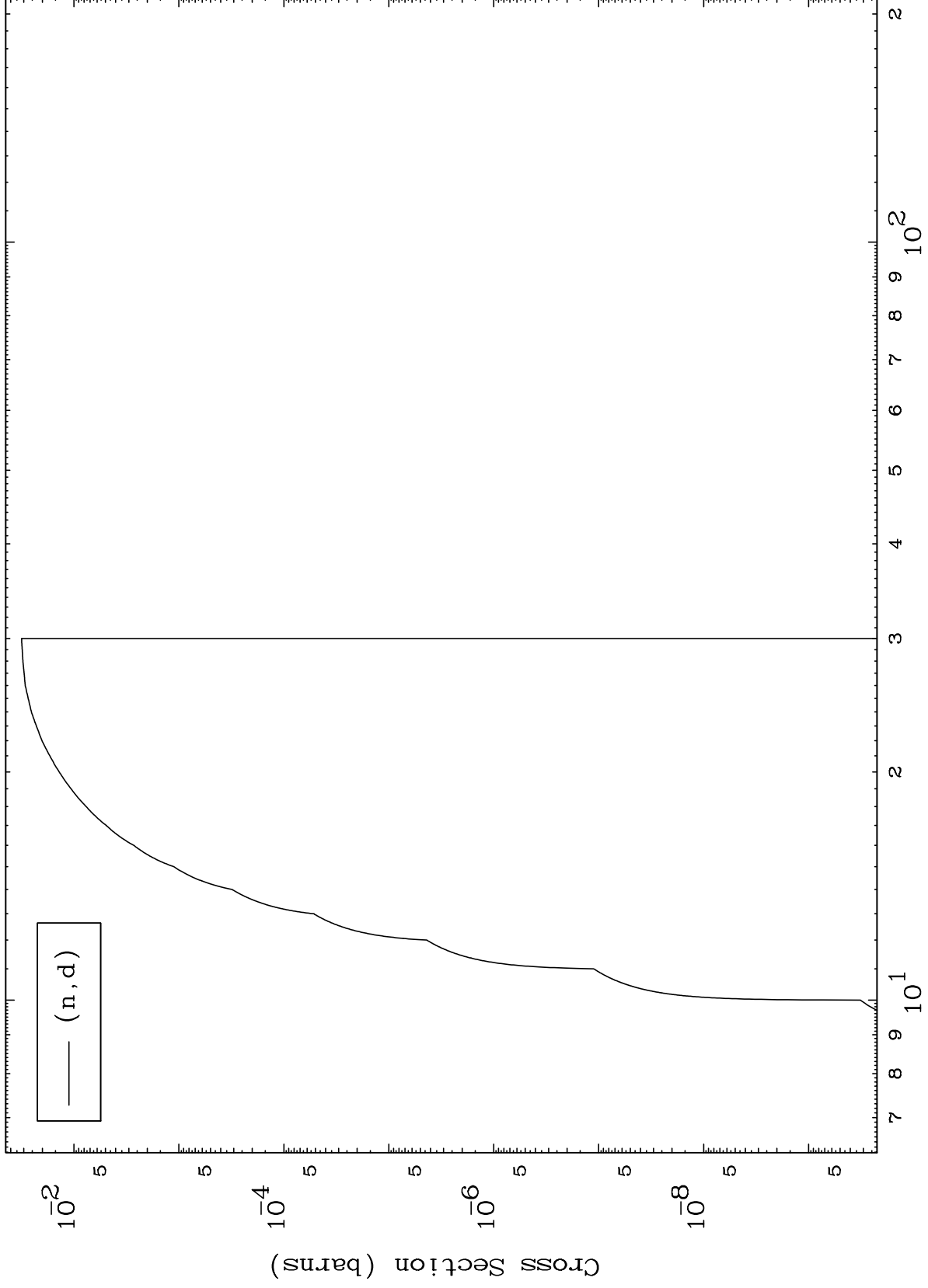
0 Kelvin Cross Sections



MAT 5728

(p,d) Levels
0 Kelvin Cross Sections

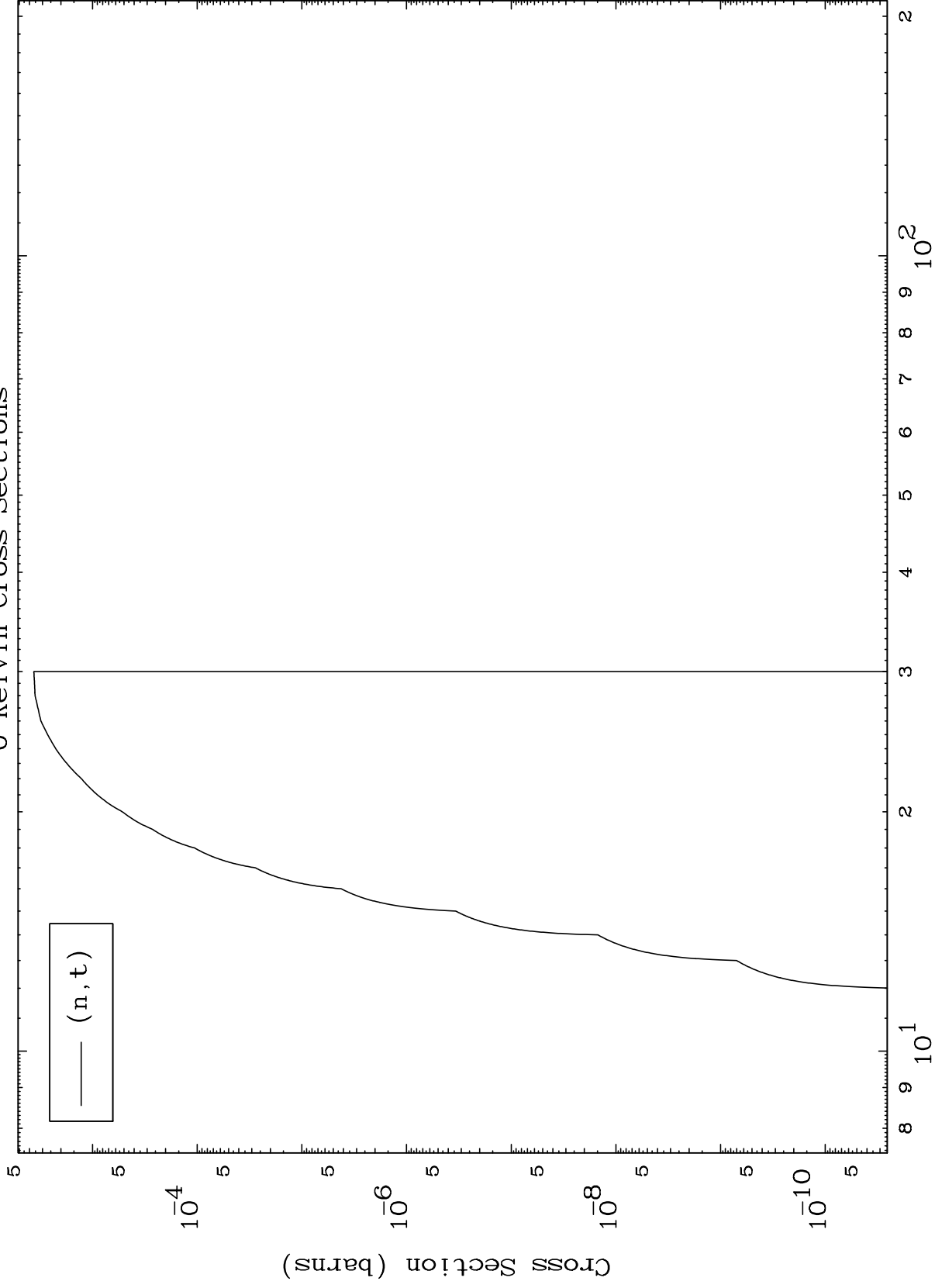
57-La-139



MAT 5728

(p,t) Levels
0 Kelvin Cross Sections

57-La-139



9

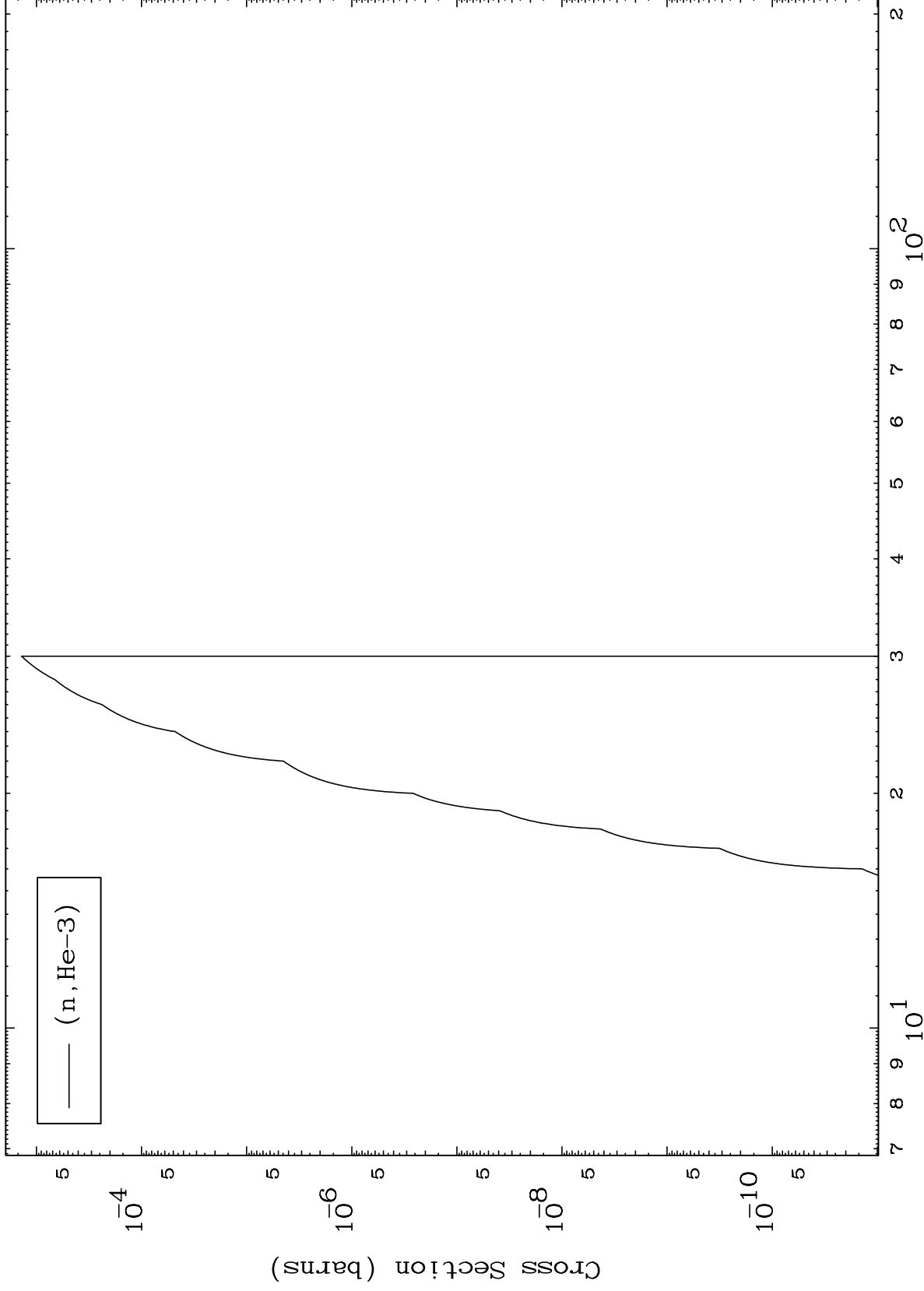
Incident Energy (MeV)

57-La-139

MAT 5728

(p,He3) Levels
0 Kelvin Cross Sections

57-La-139



10

Incident Energy (MeV)

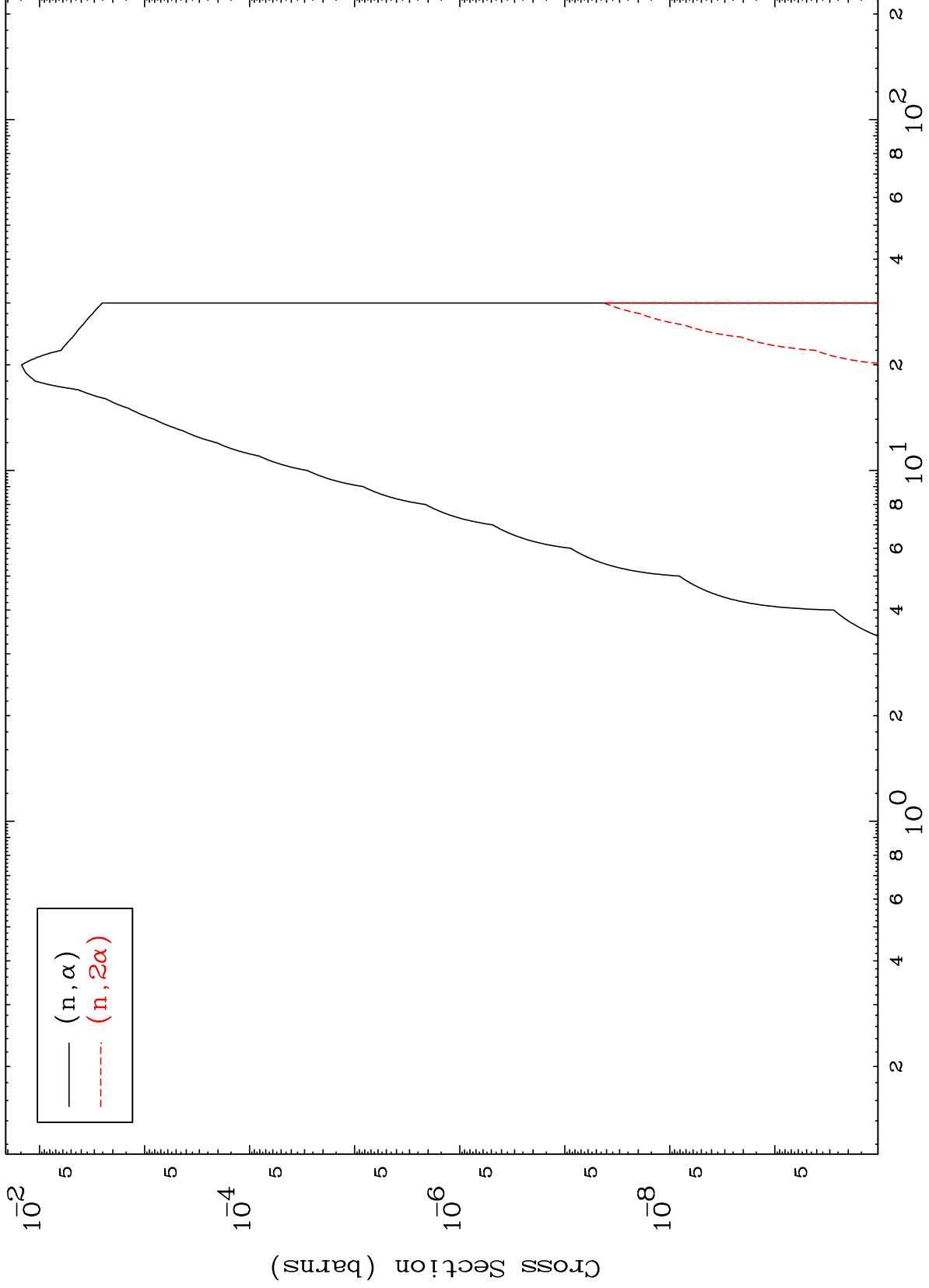
57-La-139

MAT 5728

(p, α) Levels

57-La-139

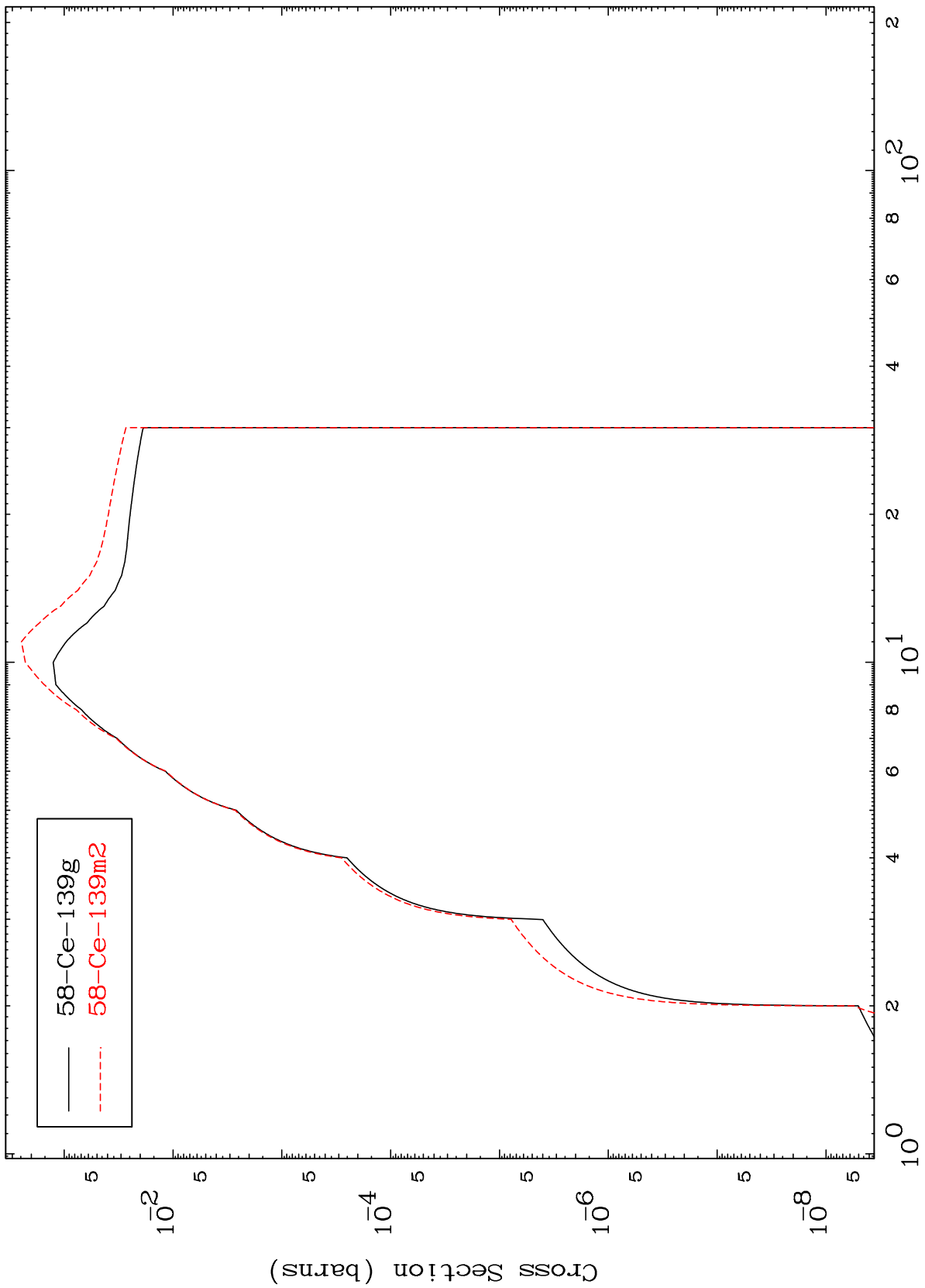
0 Kelvin Cross Sections



MAT 5728

57-La-139

Radionuclide Production Cross Section

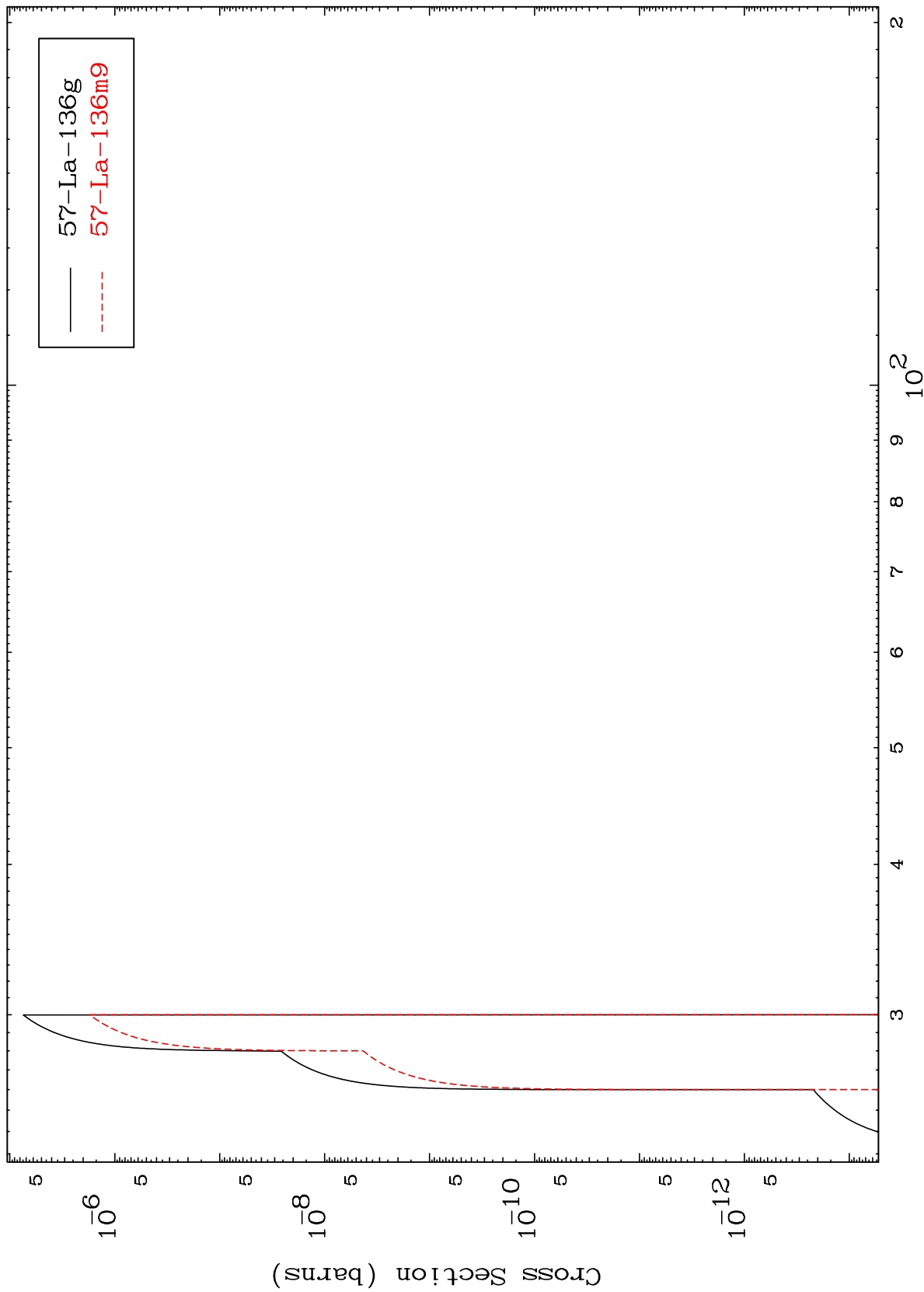


57-La-139

Incident Energy (MeV)

12

Radionuclide Production Cross Section

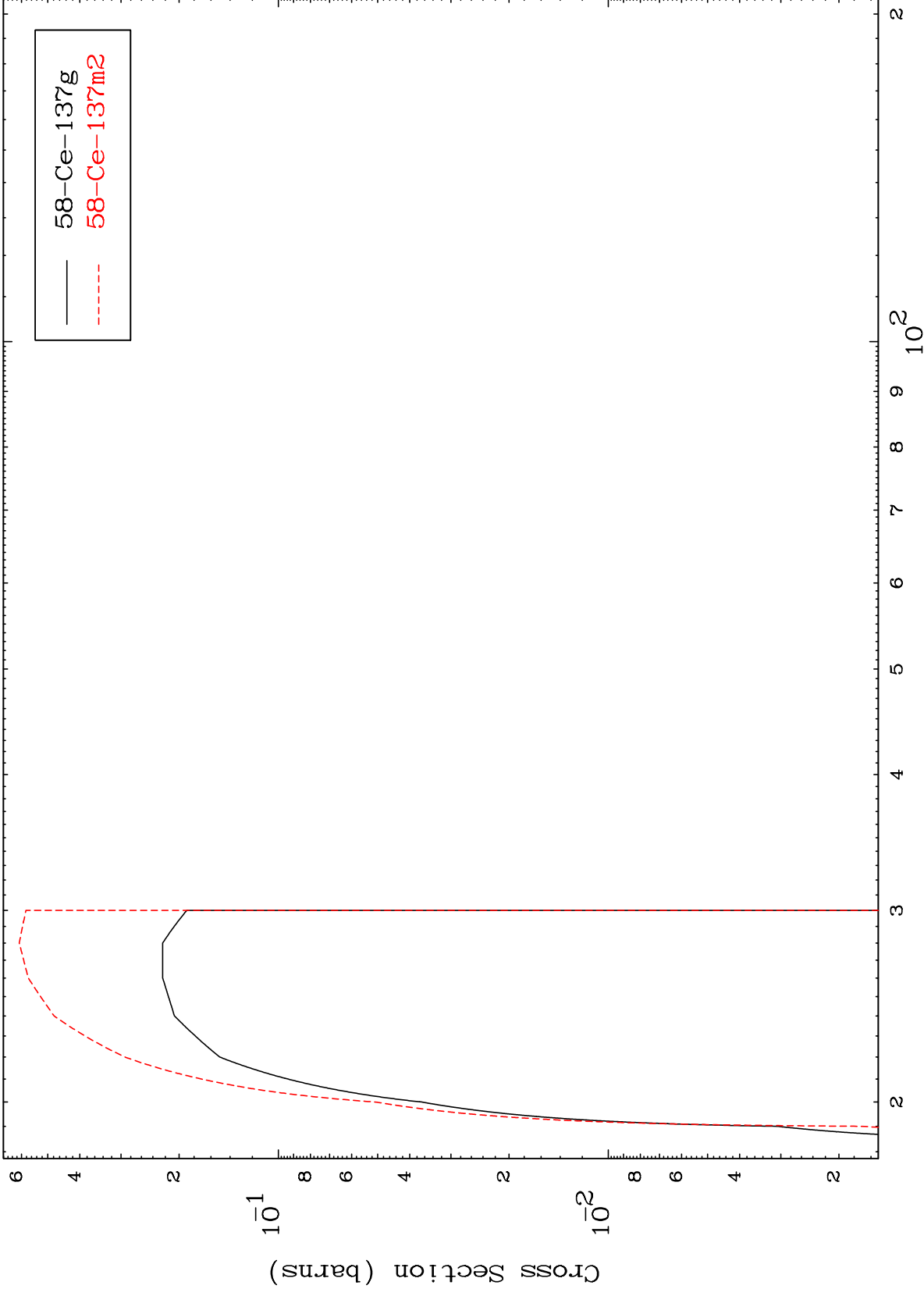


MAT 5728

(n,3n)

57-La-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

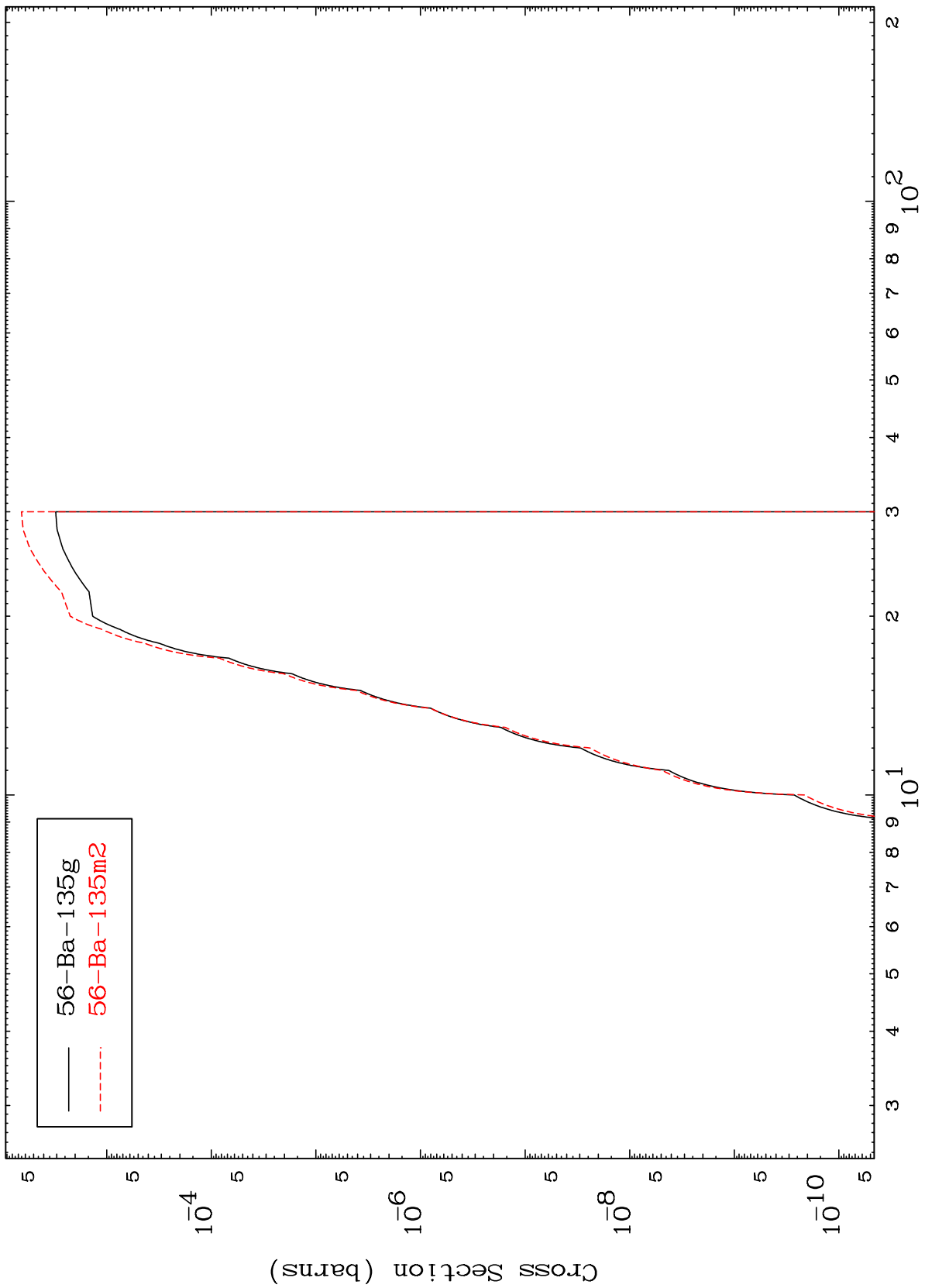
57-La-139

MAT 5728

57-La-139

(n,n') α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

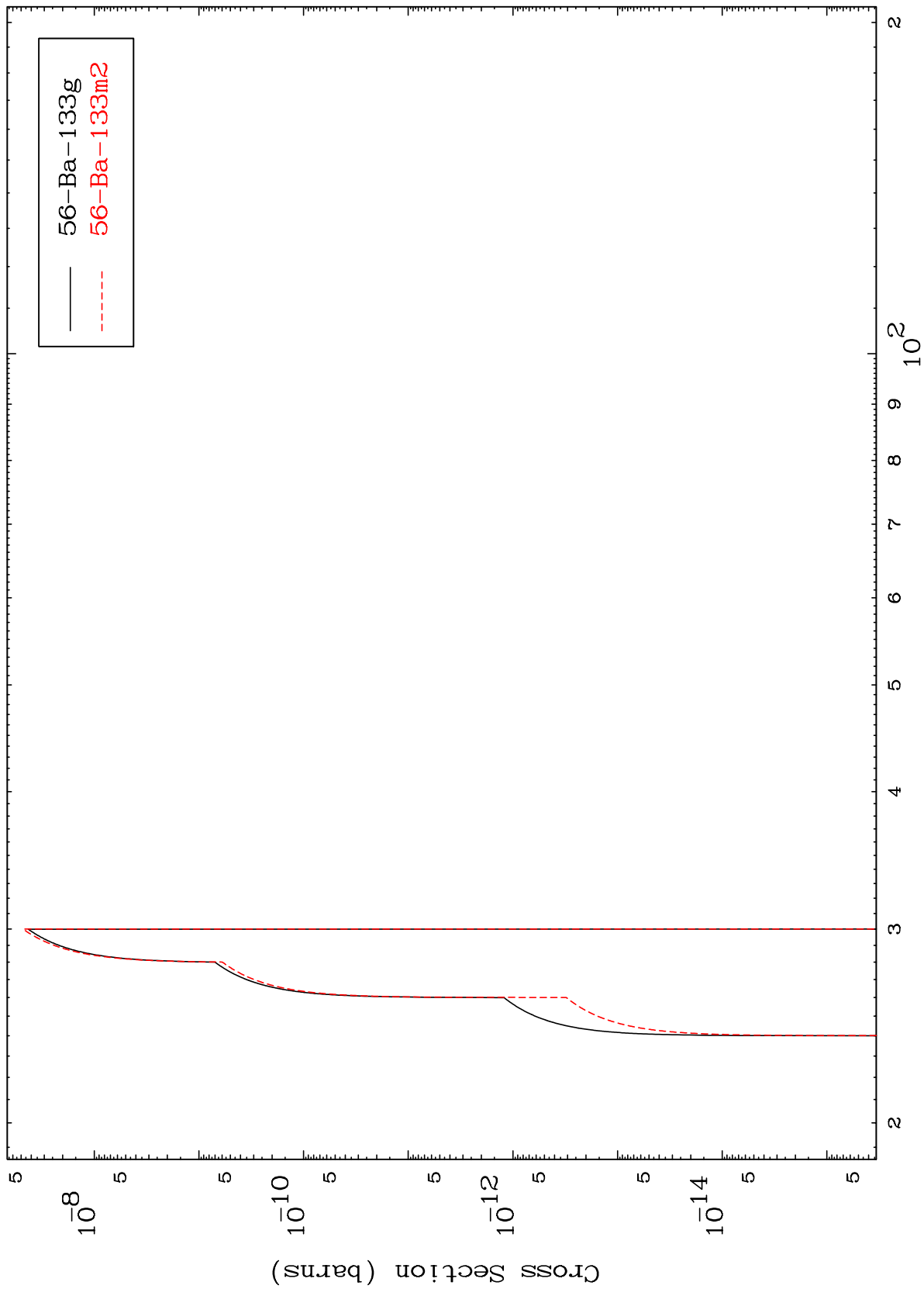
57-La-139

MAT 5728

(n,3n) α

57-La-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

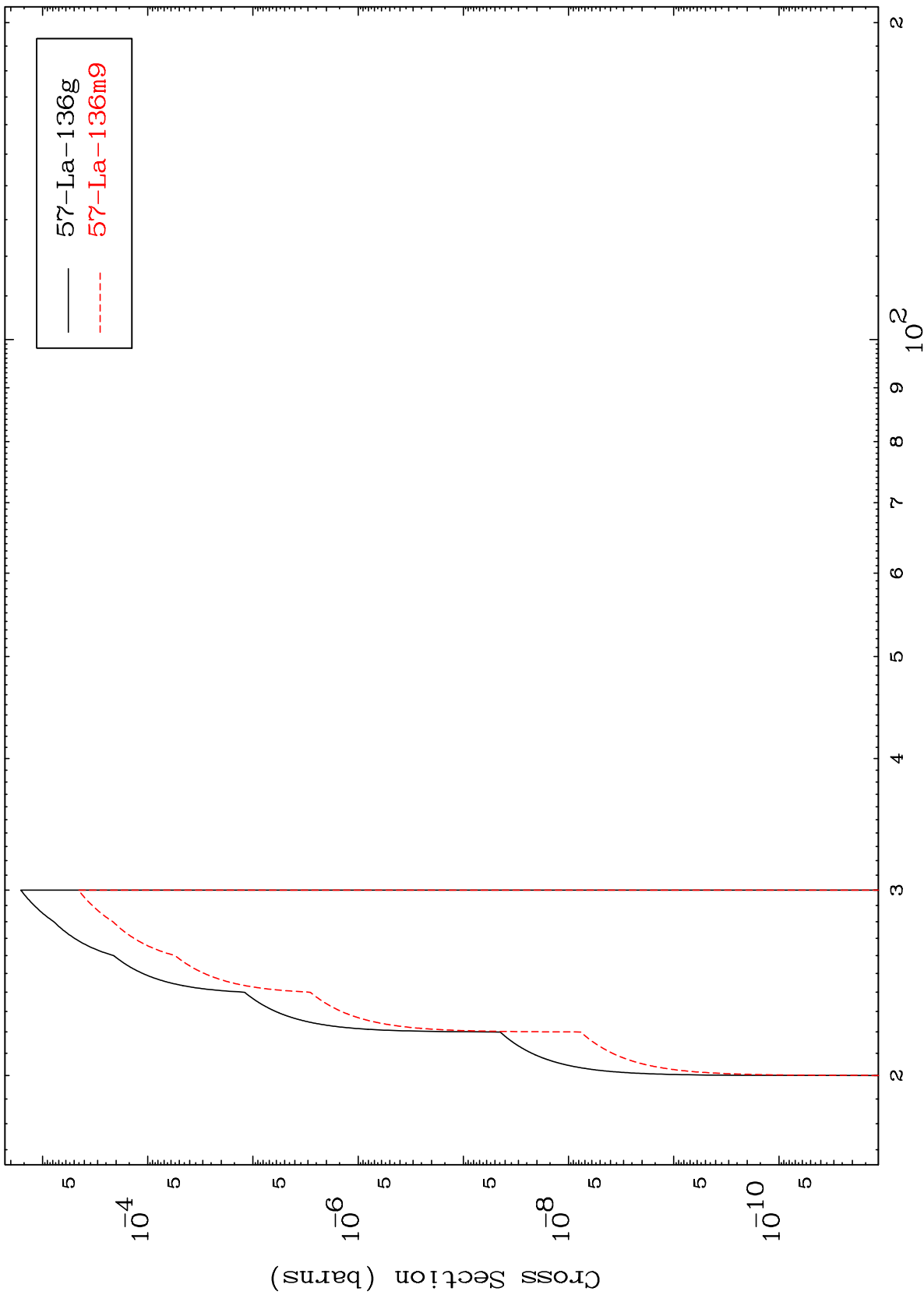
57-La-139

MAT 5728

(n,n') t

57-La-139

Radionuclide Production Cross Section



17

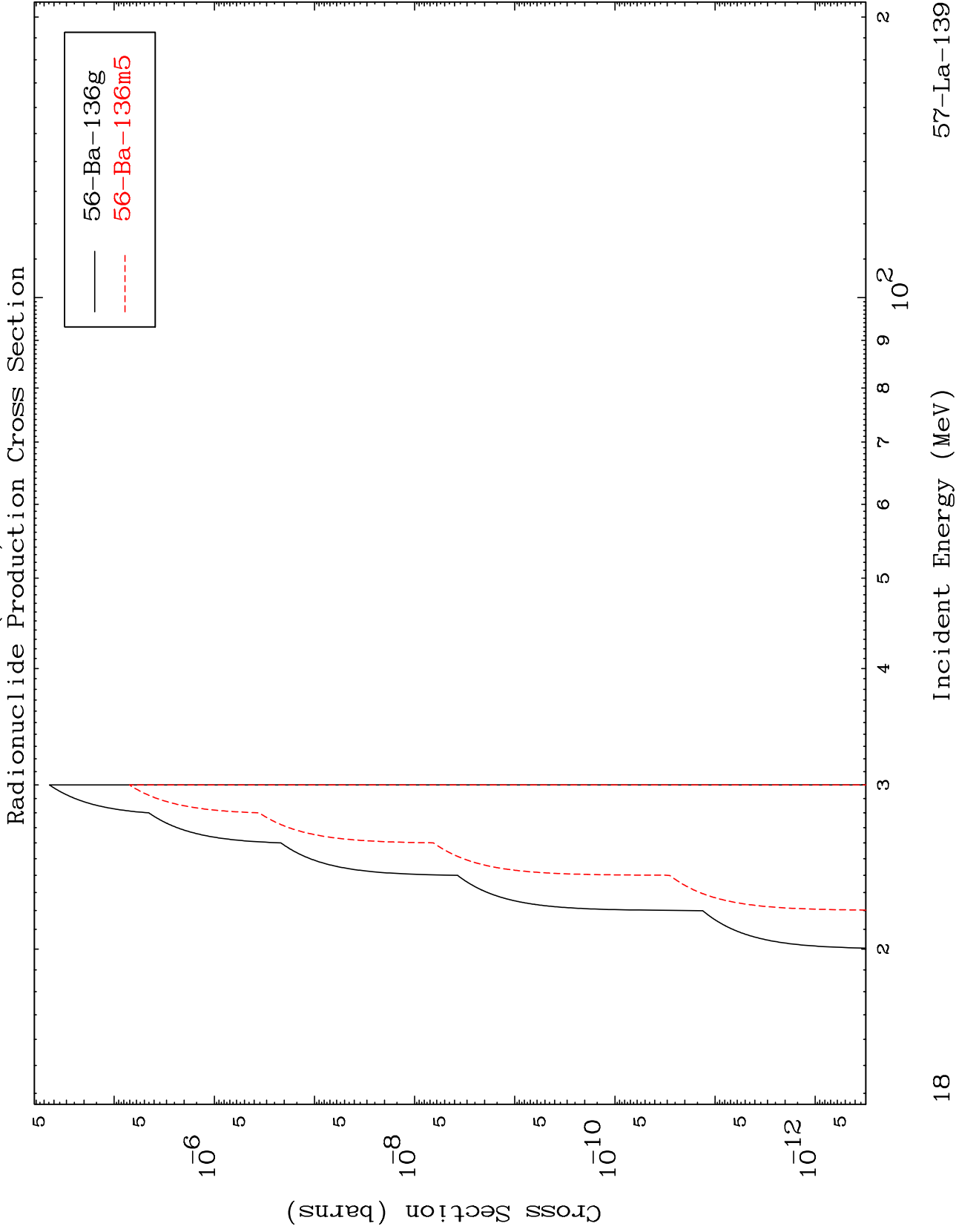
Incident Energy (MeV)

57-La-139

MAT 5728

(n,n') He-3

57-La-139



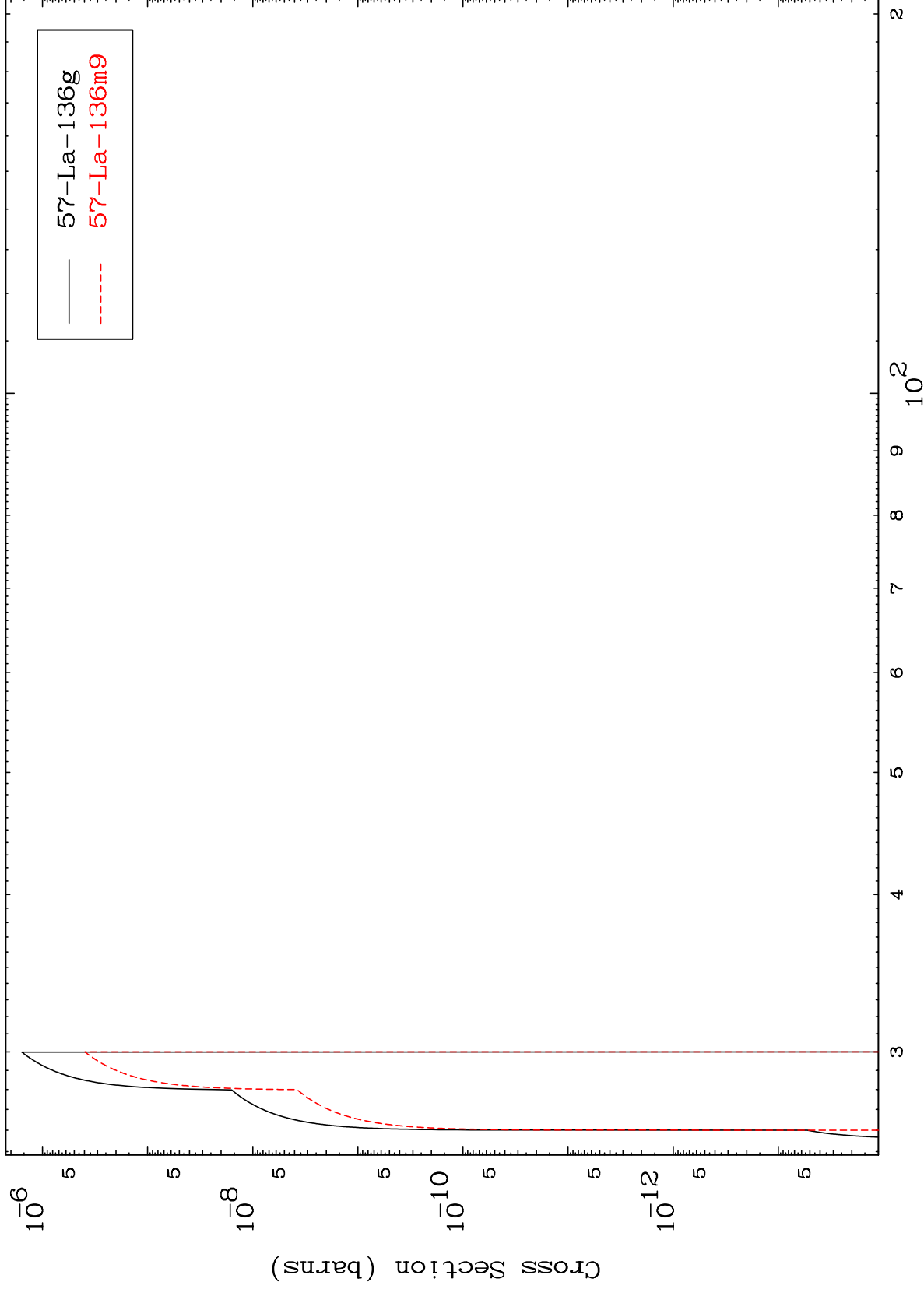
18

57-La-139

MAT 5728

57-La-139

(n,3n) p
Radionuclide Production Cross Section



57-La-139

Incident Energy (MeV)

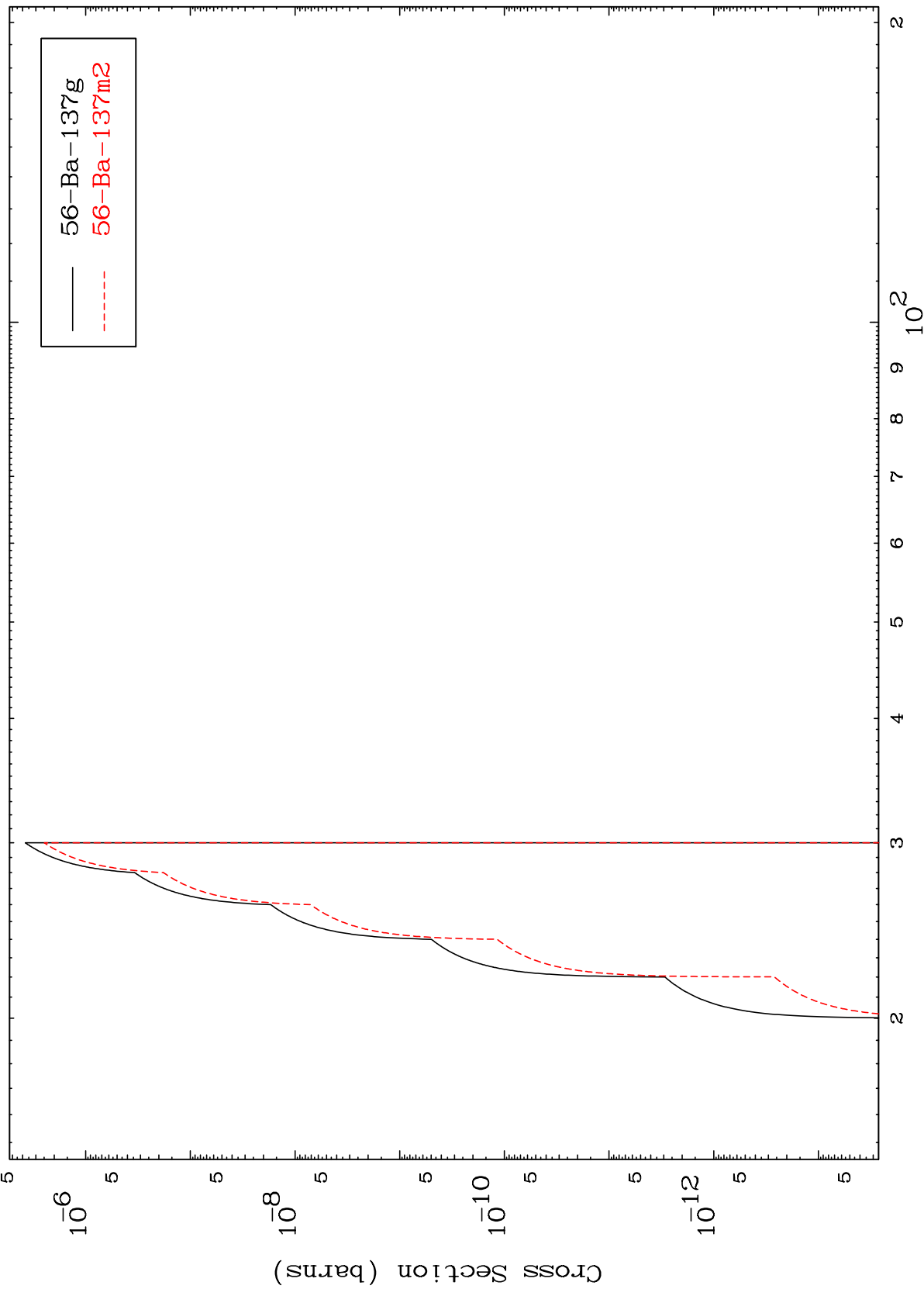
19

MAT 5728

57-La-139

(n,2n) p

Radionuclide Production Cross Section

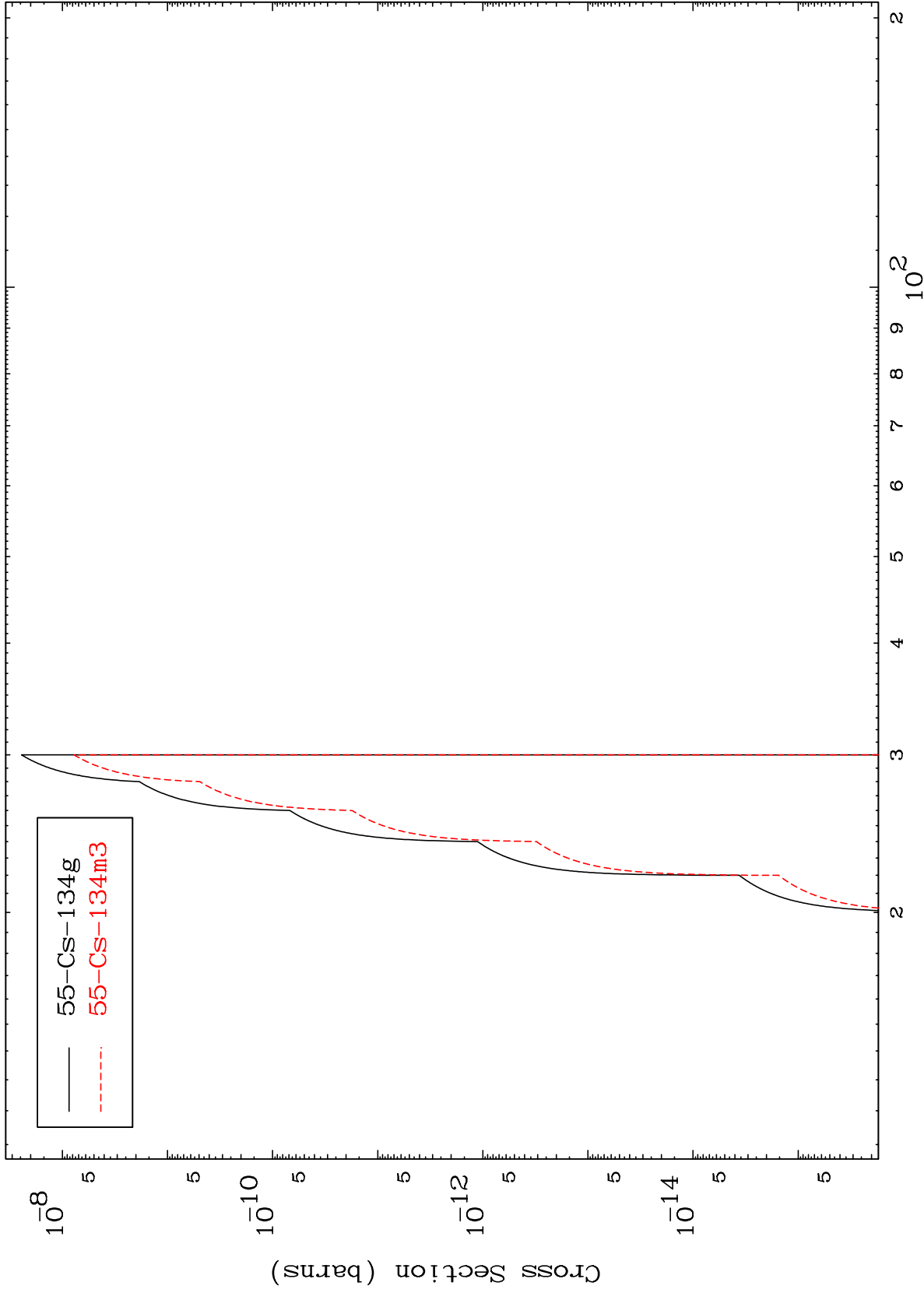


20

Incident Energy (MeV)

57-La-139

Radionuclide Production Cross Section

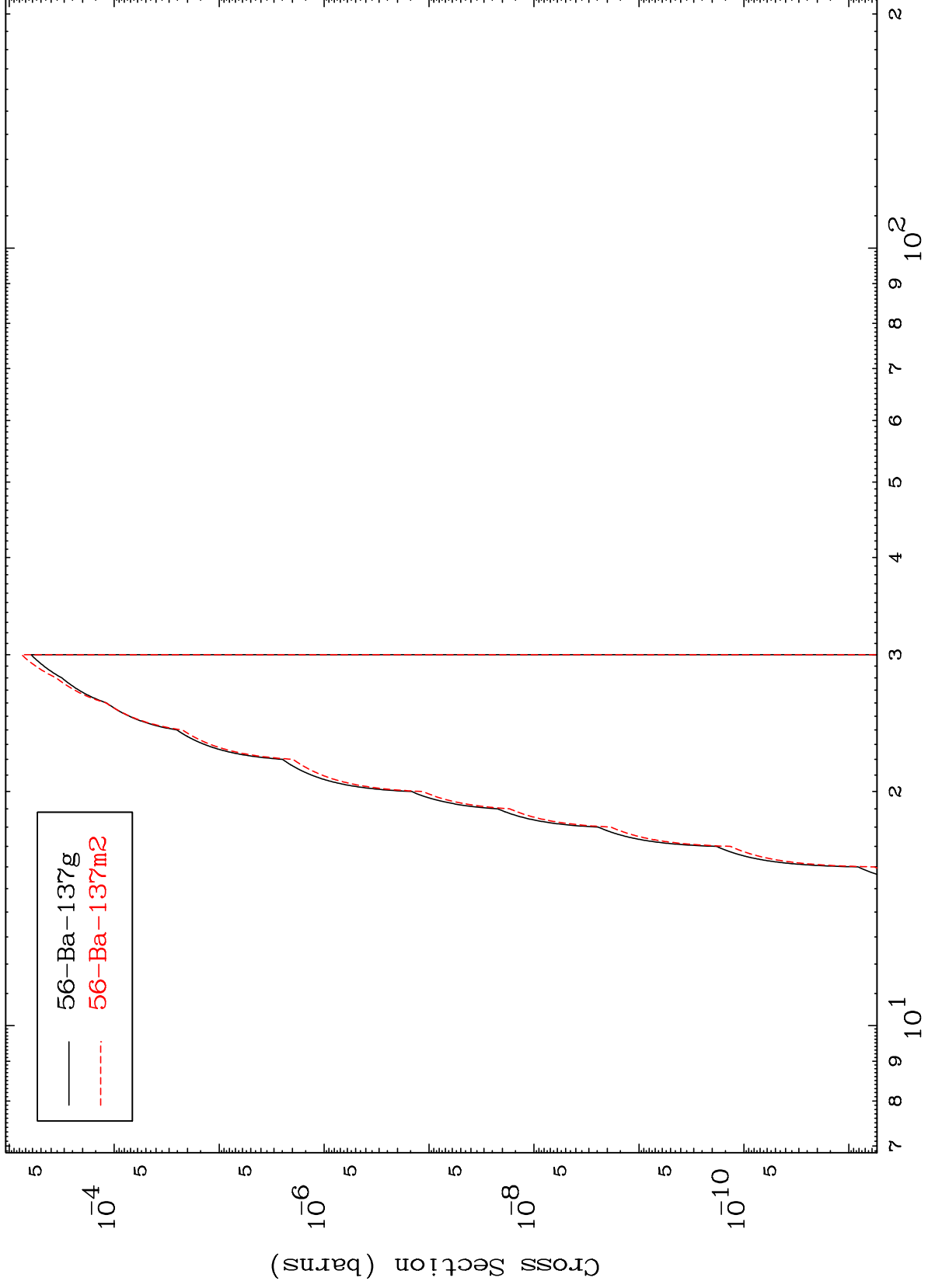


MAT 5728

(n,He-3)

57-La-139

Radionuclide Production Cross Section



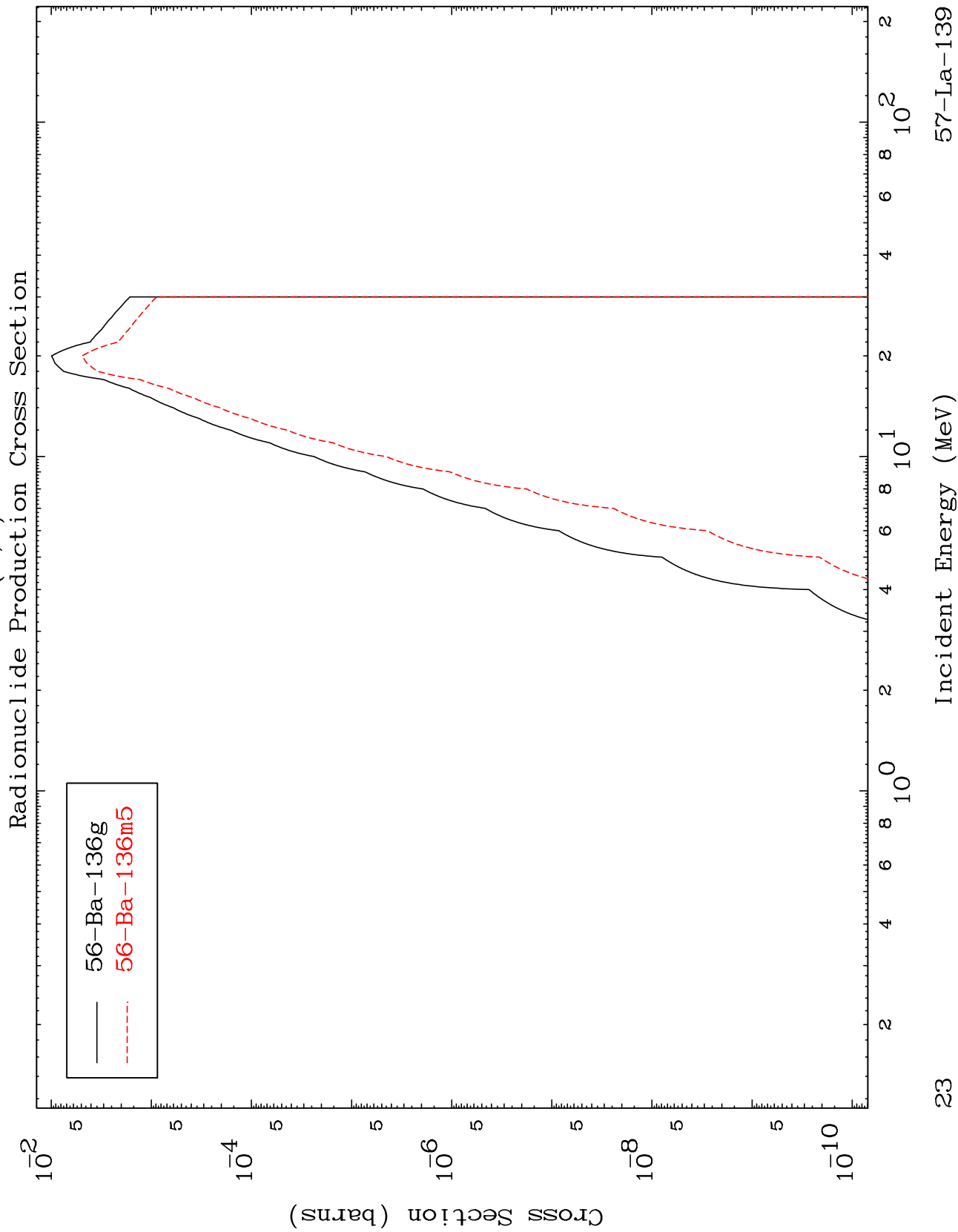
22

Incident Energy (MeV)

57-La-139

MAT 5728

57-La-139

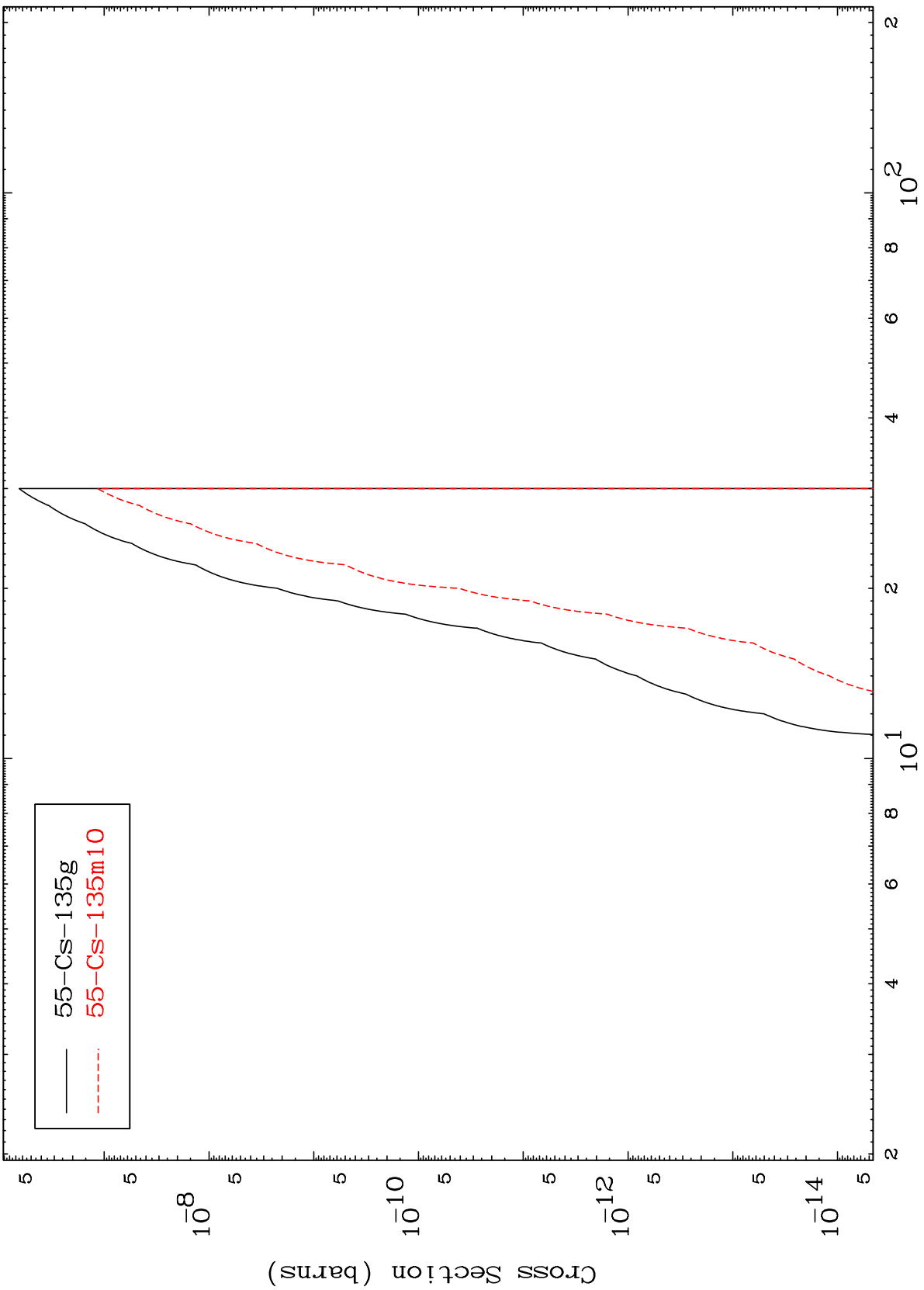


MAT 5728

(n,p) α

57-La-139

Radionuclide Production Cross Section

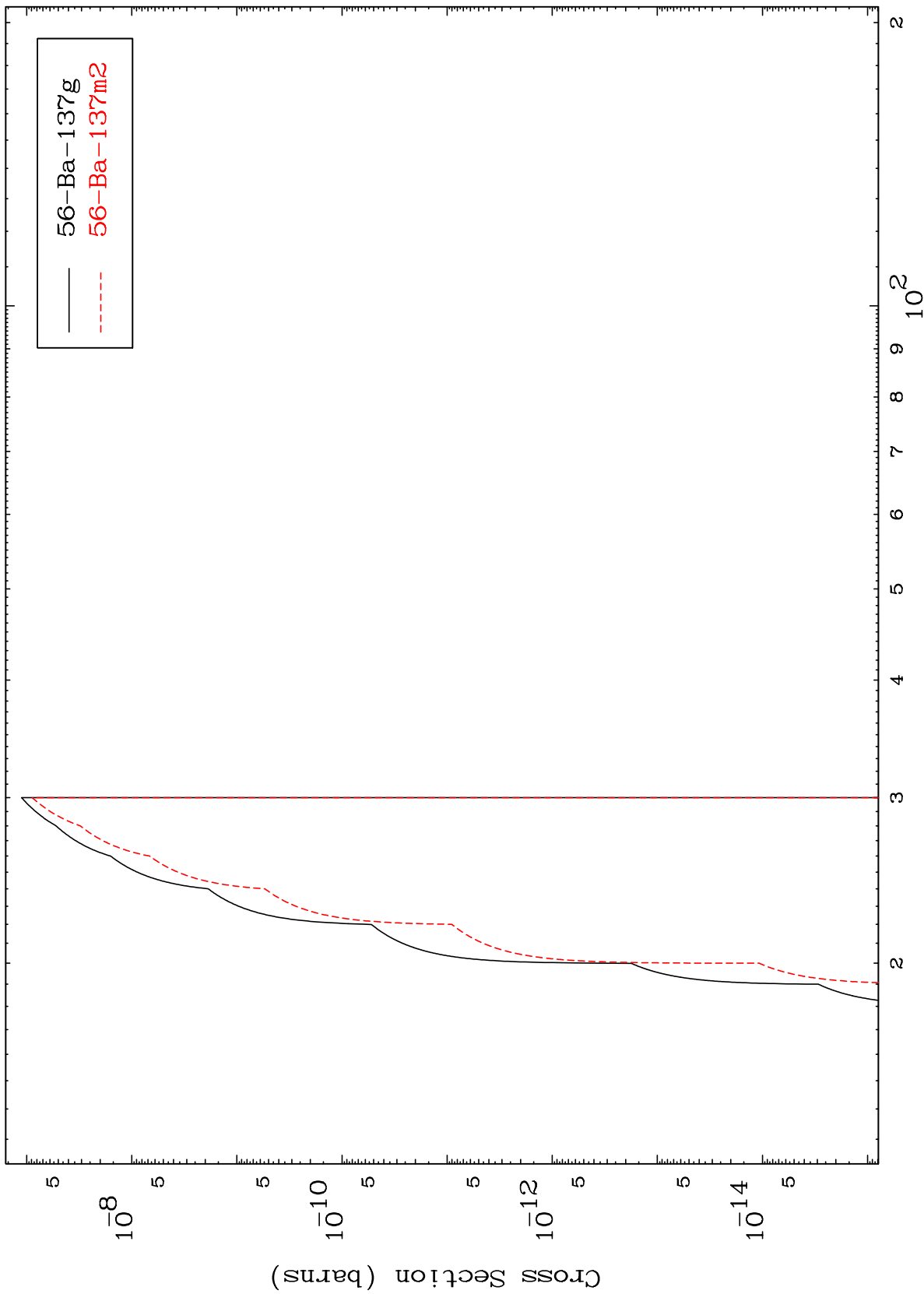


24

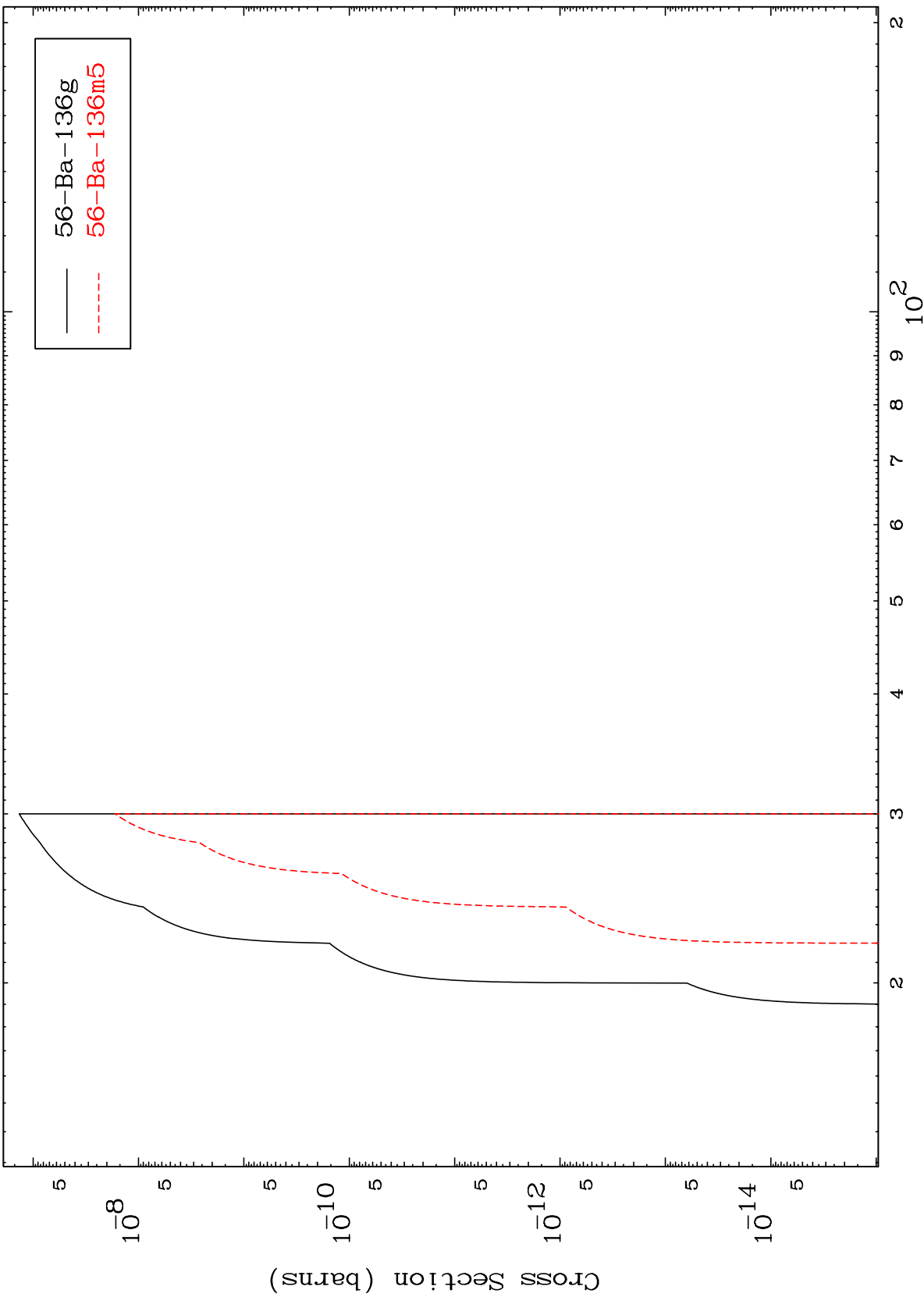
Incident Energy (MeV)

57-La-139

Radionuclide Production Cross Section



Radionuclide Production Cross Section

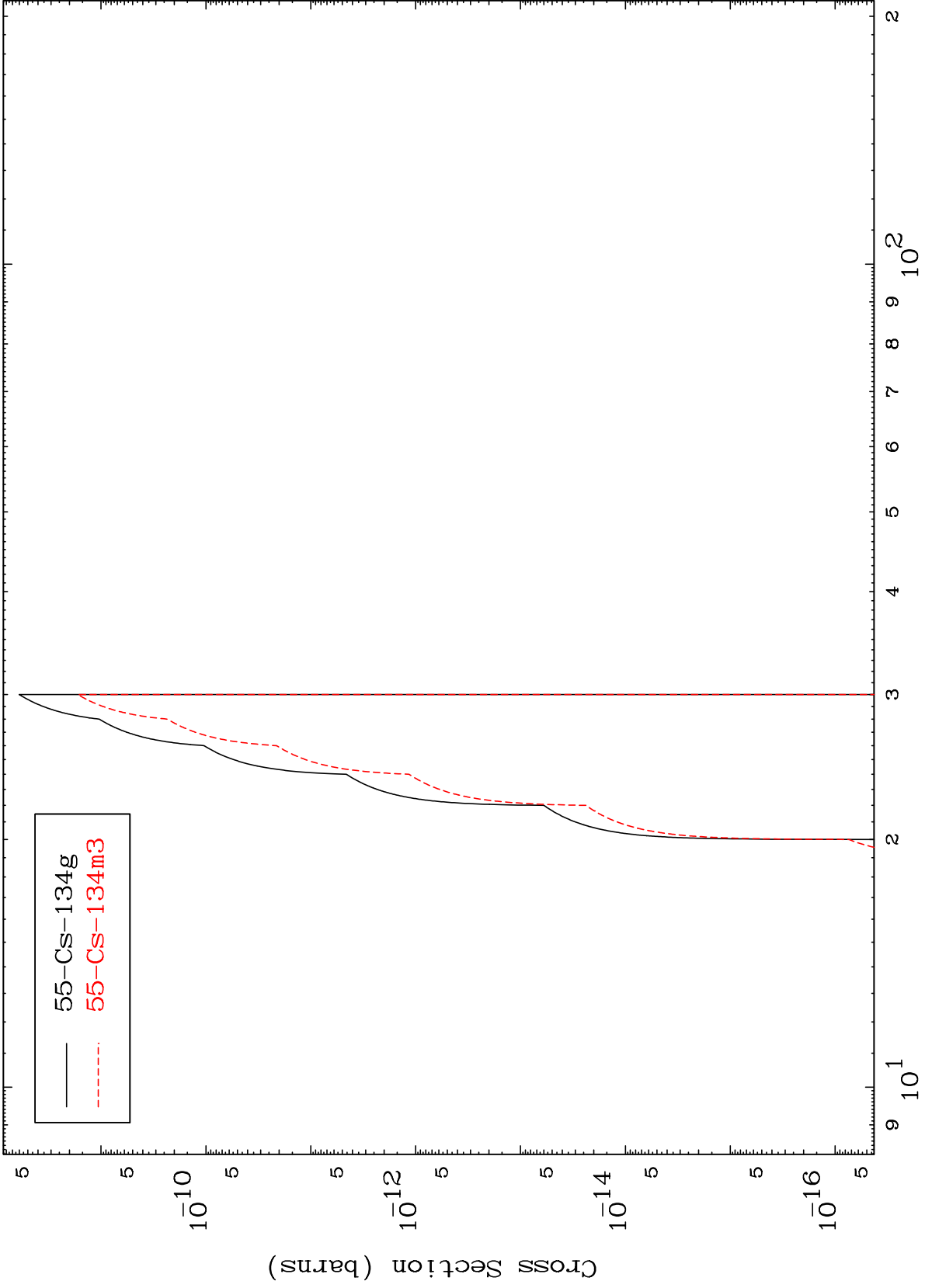


MAT 5728

(n,d) α

57-La-139

Radionuclide Production Cross Section



27

Incident Energy (MeV)

57-La-139