

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

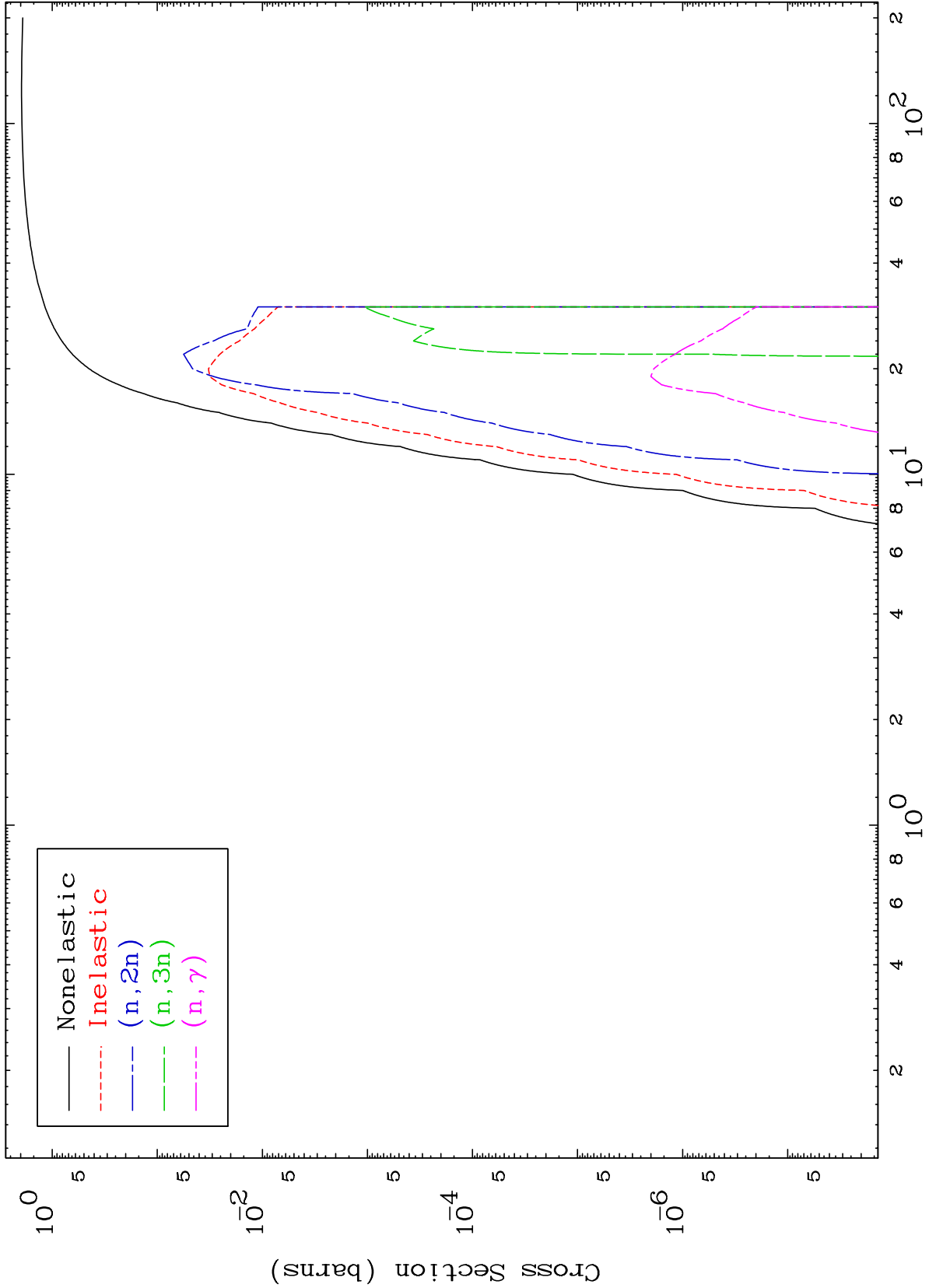
Press Mouse Button to Start

MAT 5810

He-3 Major

58-Ce-131

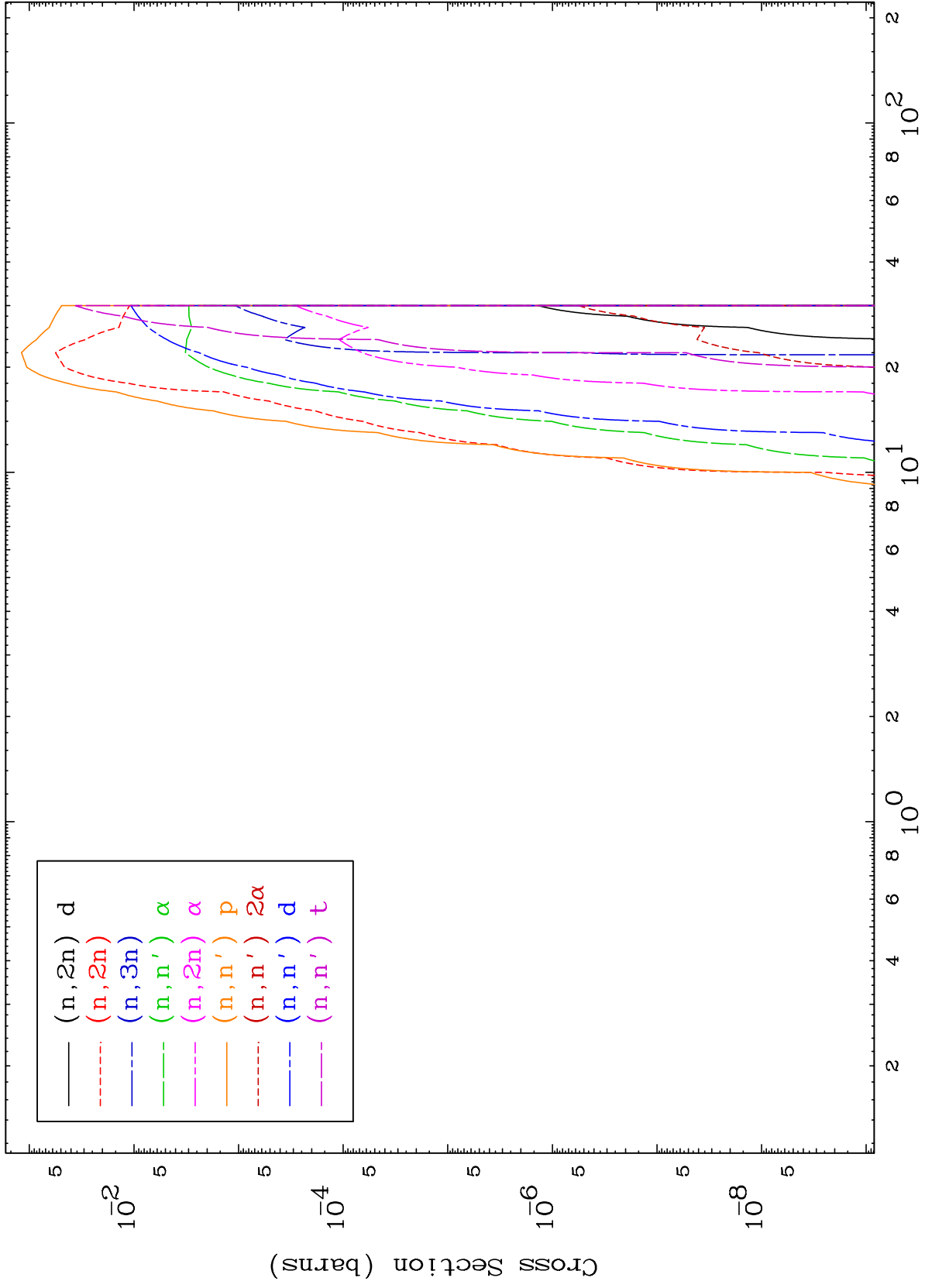
0 Kelvin Cross Sections



MAT 5810

He-3 Neutron Absorption
0 Kelvin Cross Sections

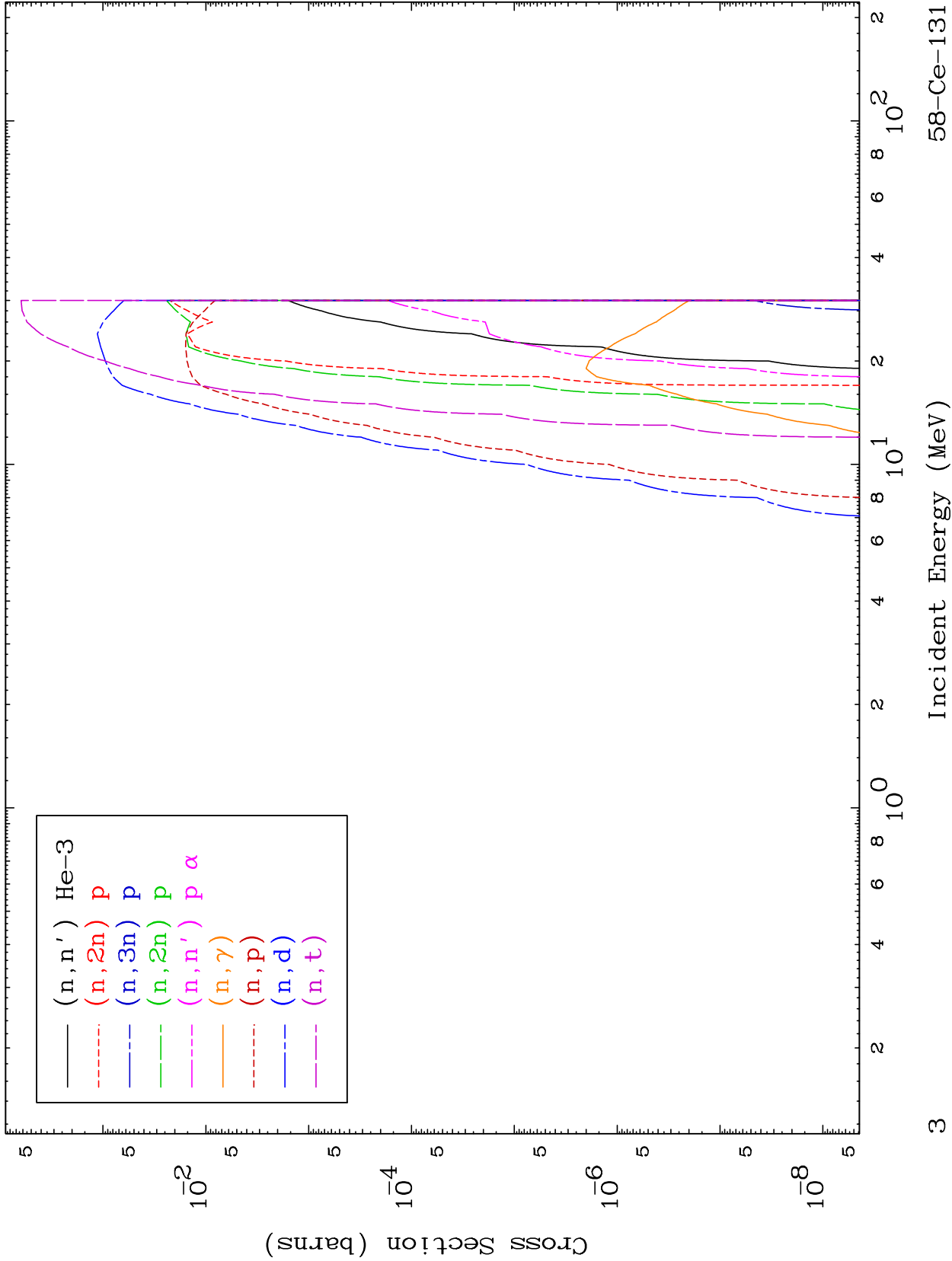
58-Ce-131



MAT 5810

He-3 Neutron Absorption
0 Kelvin Cross Sections

58-Ce-131



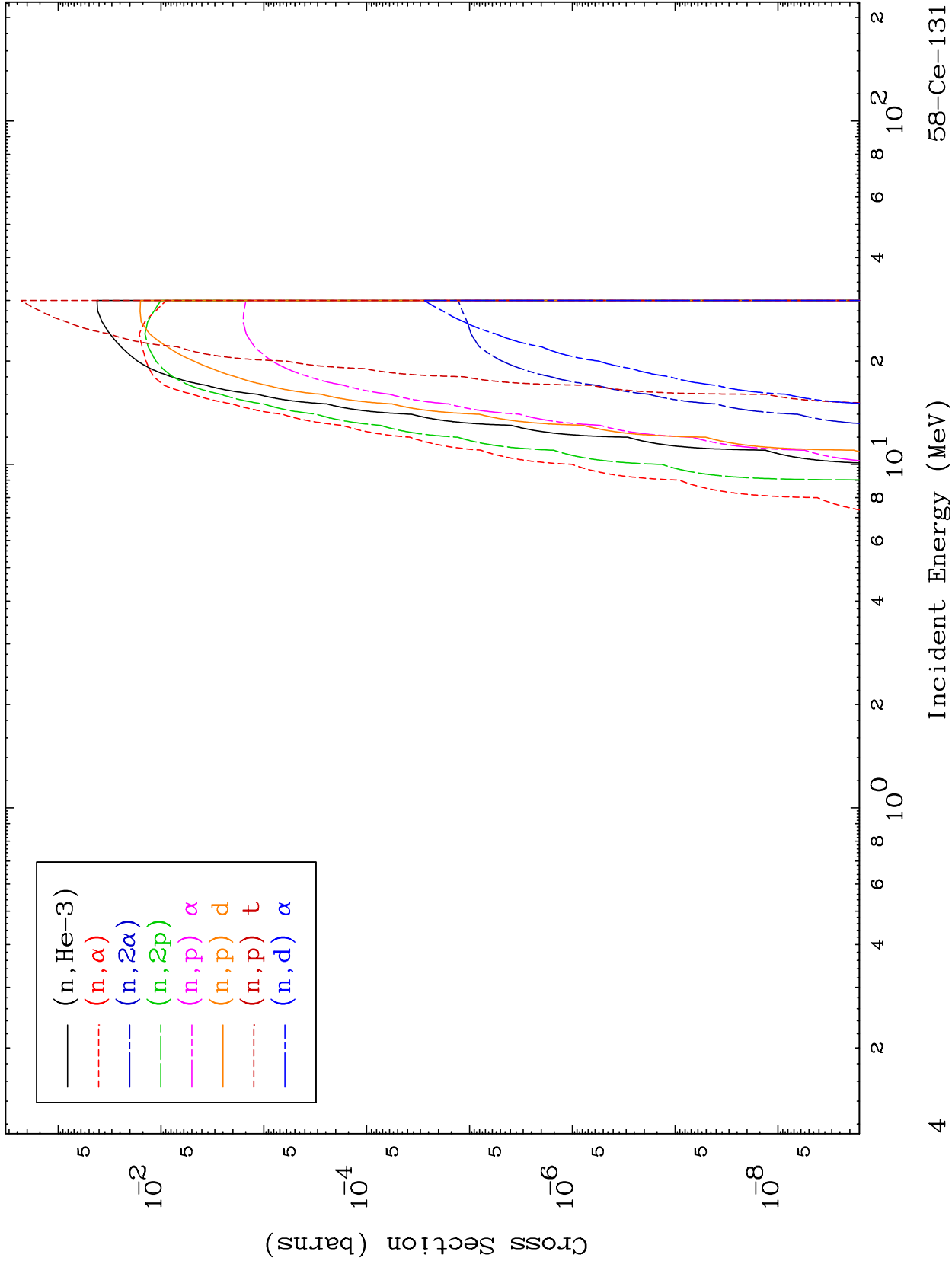
58-Ce-131

Incident Energy (MeV)

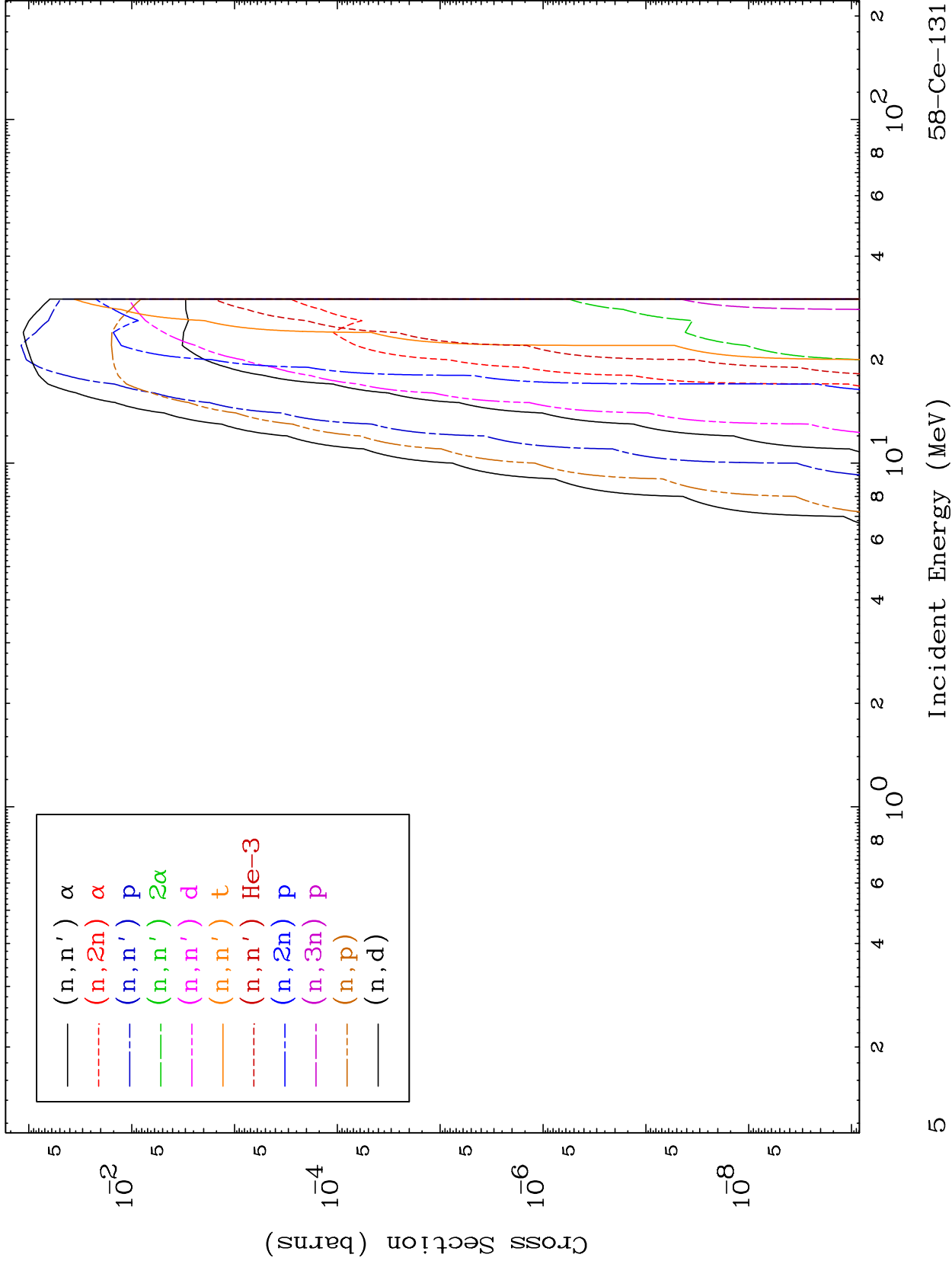
MAT 5810

He-3 Neutron Absorption
0 Kelvin Cross Sections

58-Ce-131



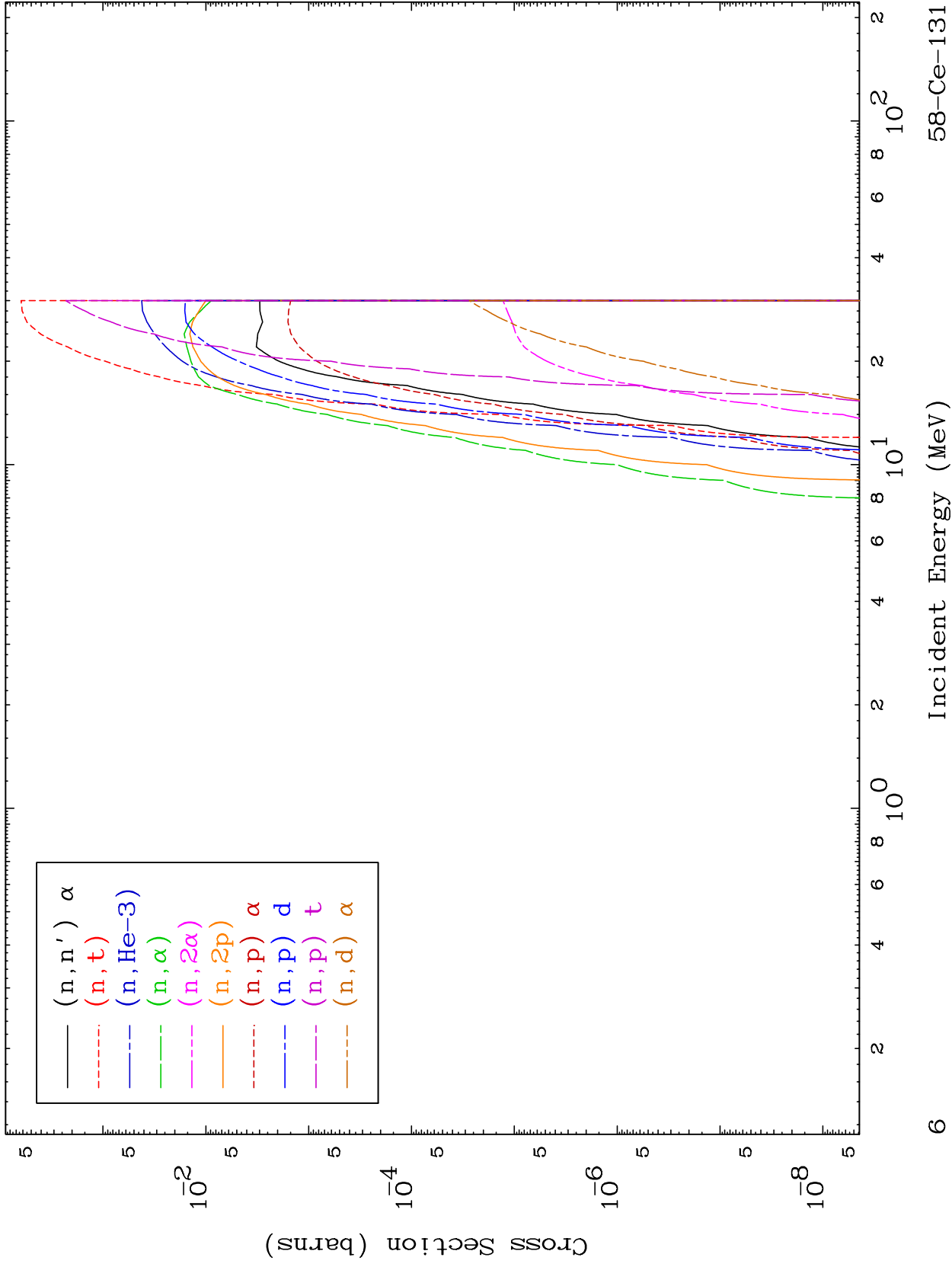
58-Ce-131



MAT 5810

He-3 Charged Particle
0 Kelvin Cross Sections

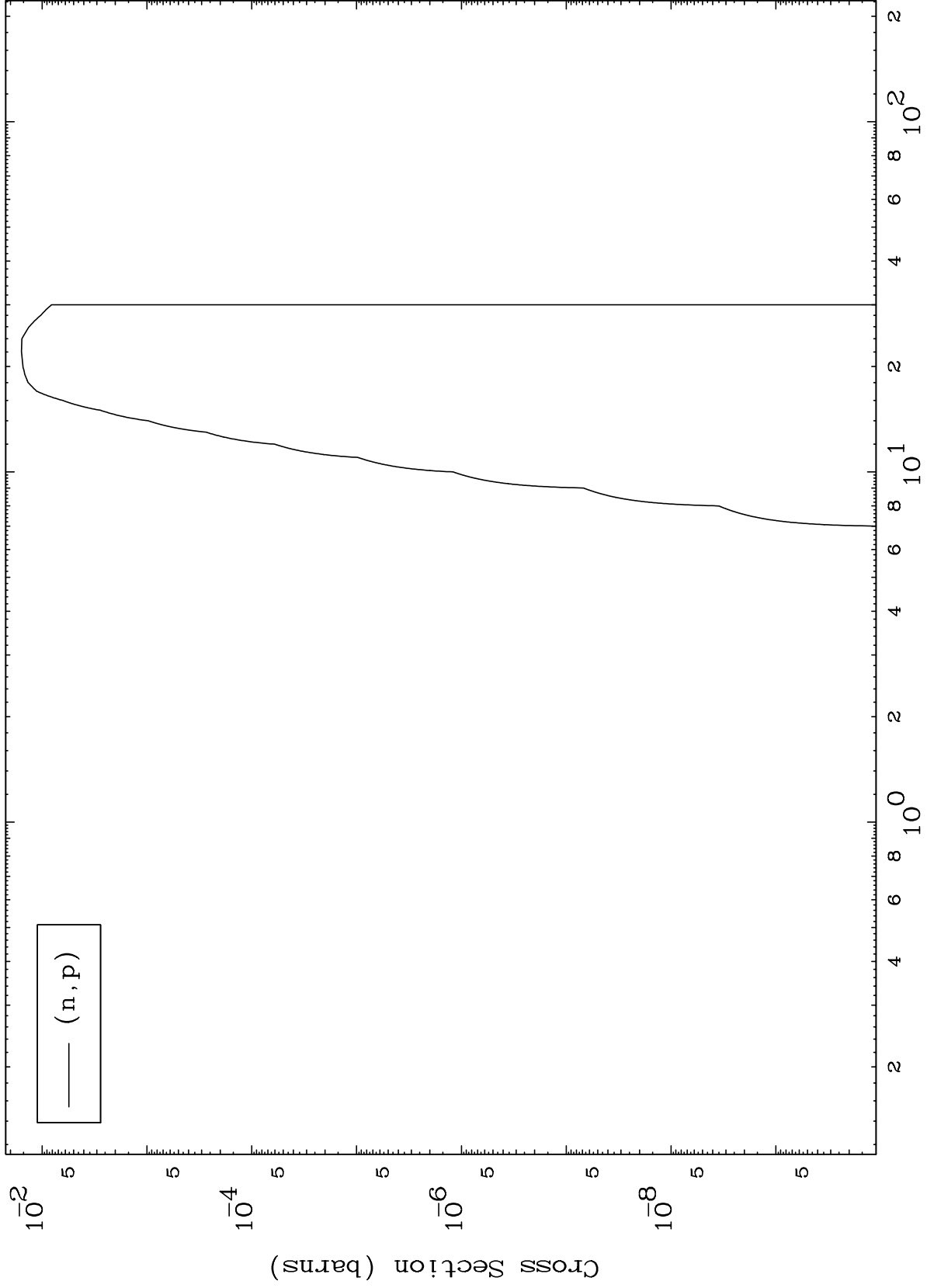
58-Ce-131



MAT 5810

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

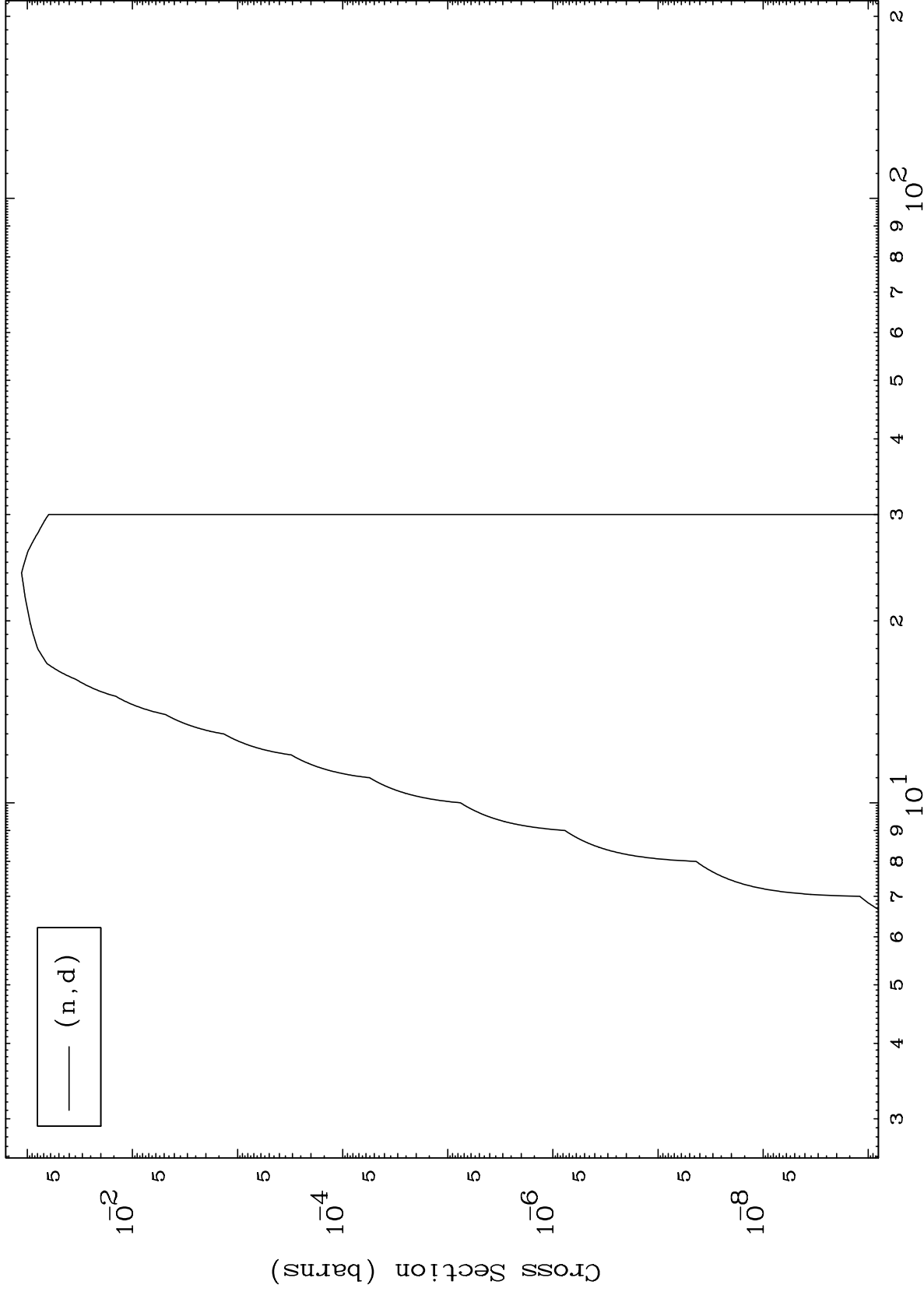
58-Ce-131



MAT 5810

58-Ce-131

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



8

Incident Energy (MeV)

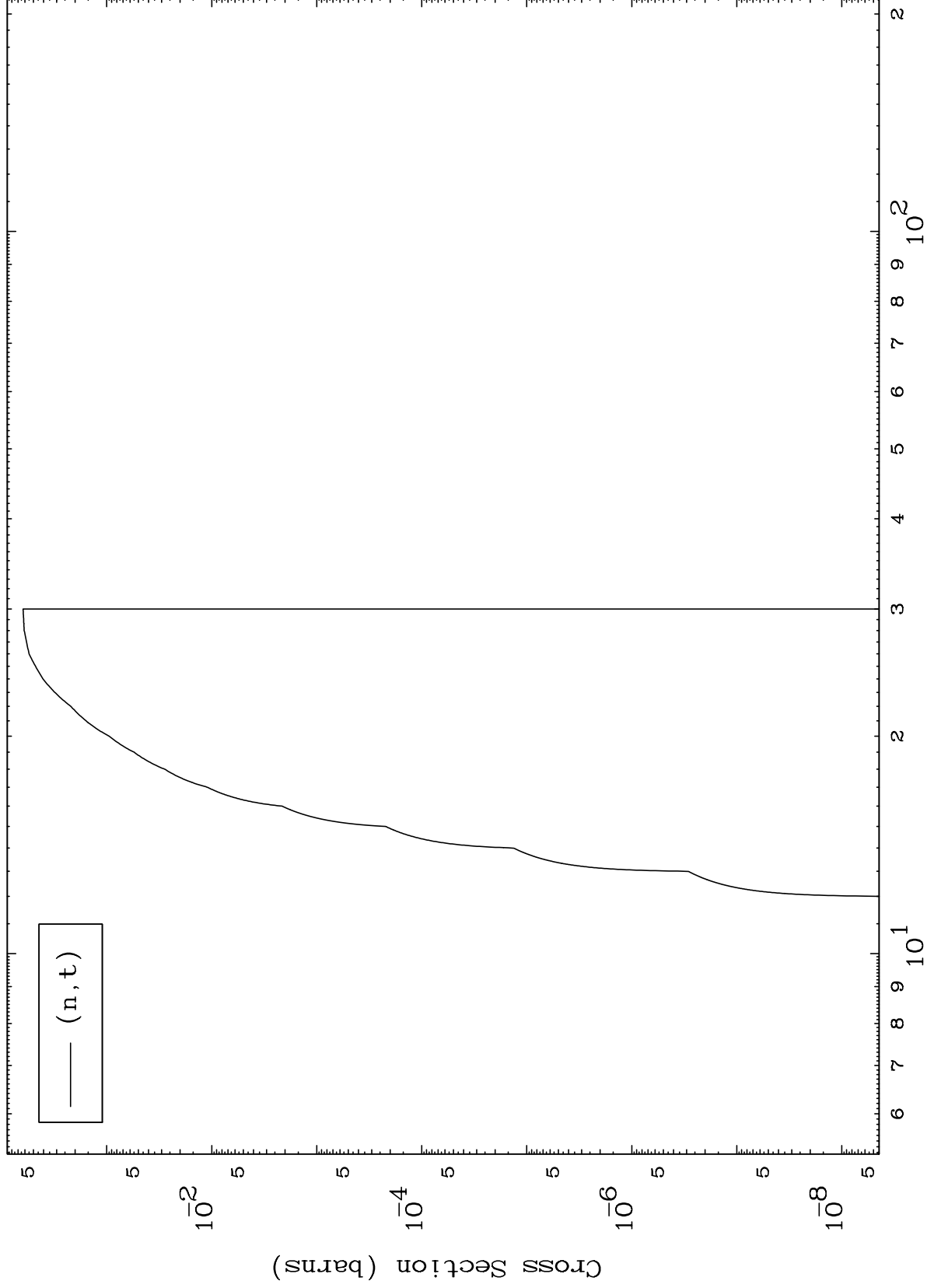
58-Ce-131

MAT 5810

(He-3, t) Levels

58-Ce-131

0 Kelvin Cross Sections



9

Incident Energy (MeV)

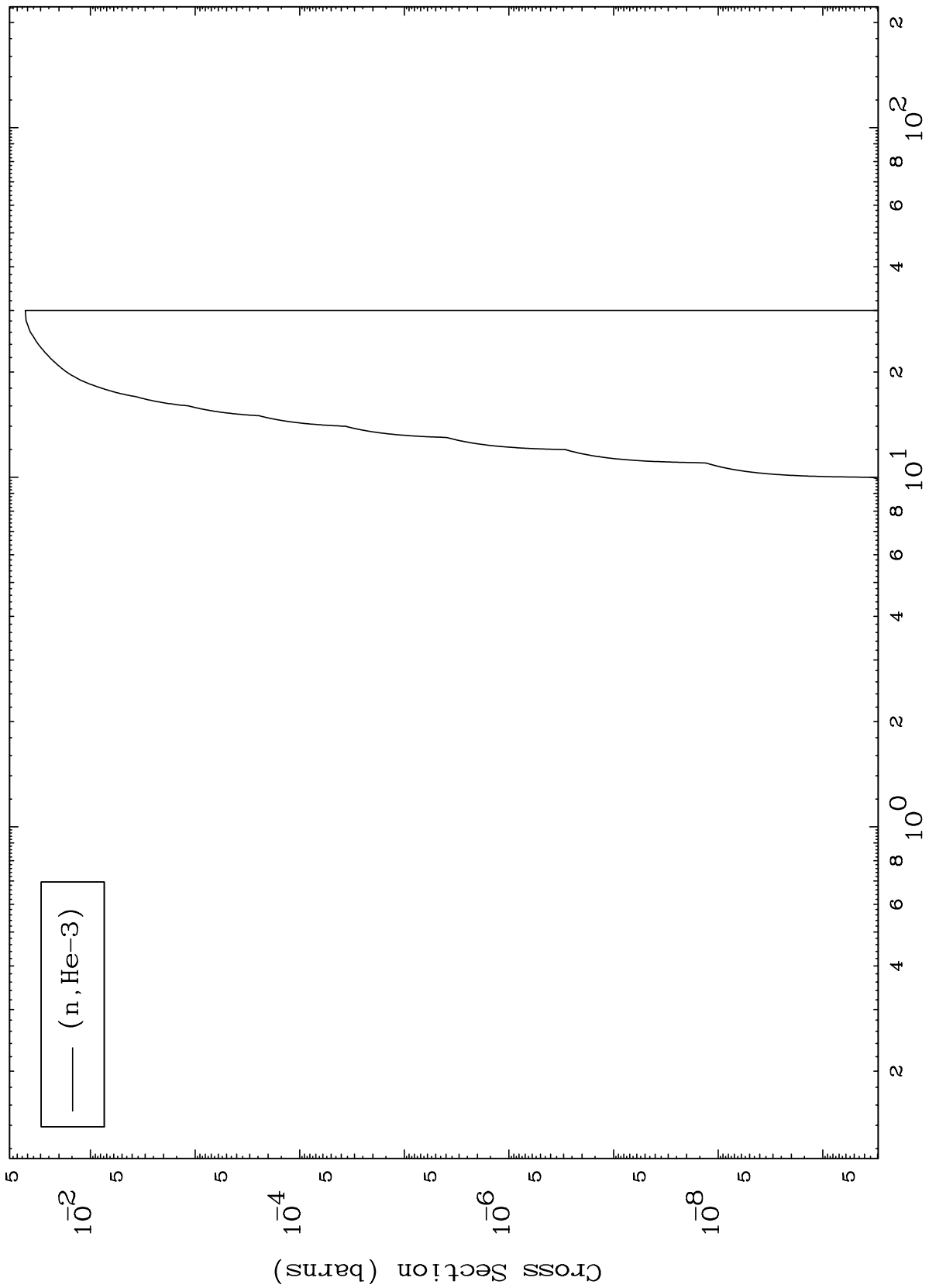
58-Ce-131

MAT 5810

(He-3, He3) Levels

58-Ce-131

0 Kelvin Cross Sections



10

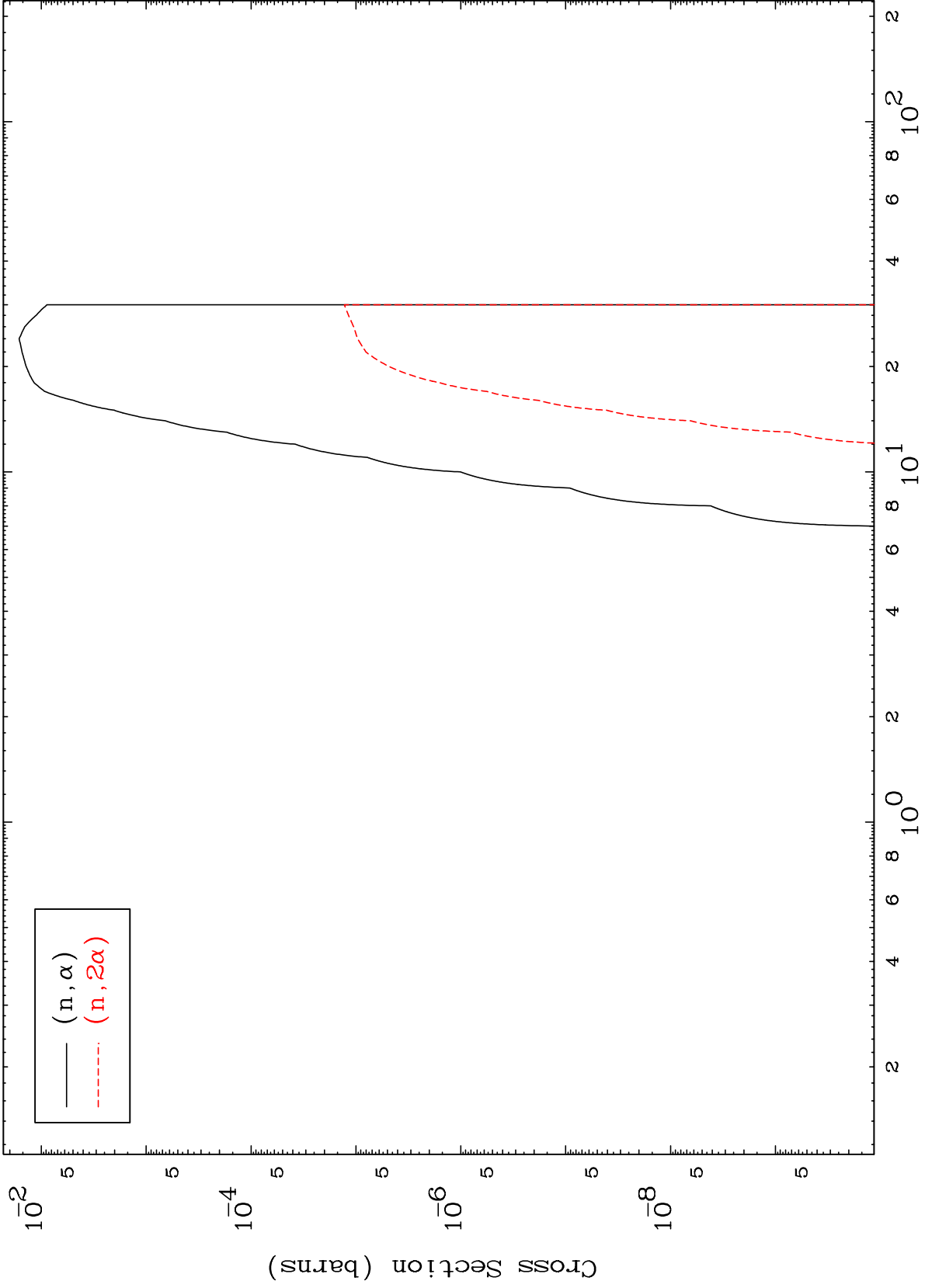
Incident Energy (MeV)

58-Ce-131

MAT 5810

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

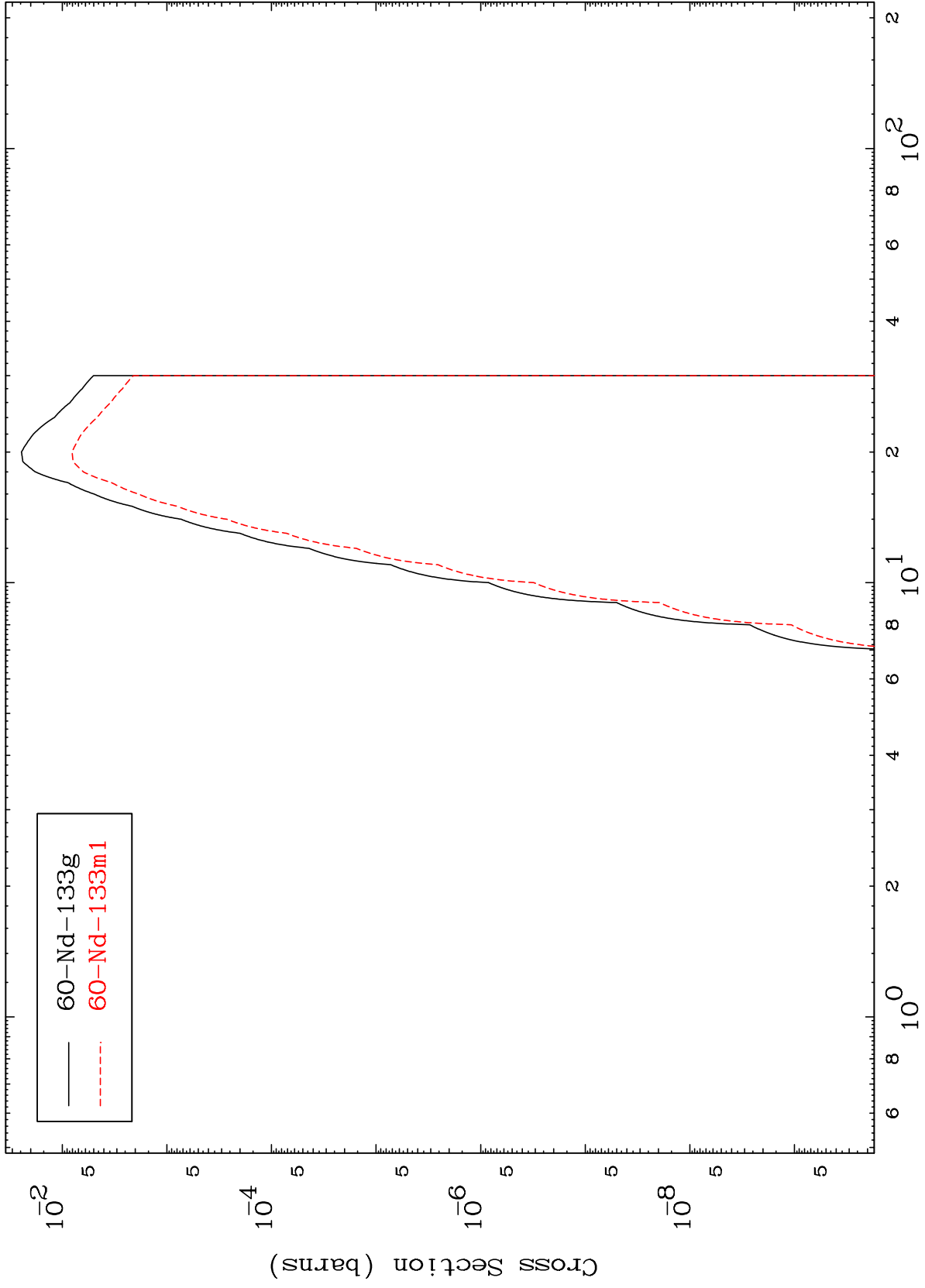
58-Ce-131



MAT 5810

Inelastic
Radionuclide Production Cross Section

58-Ce-131

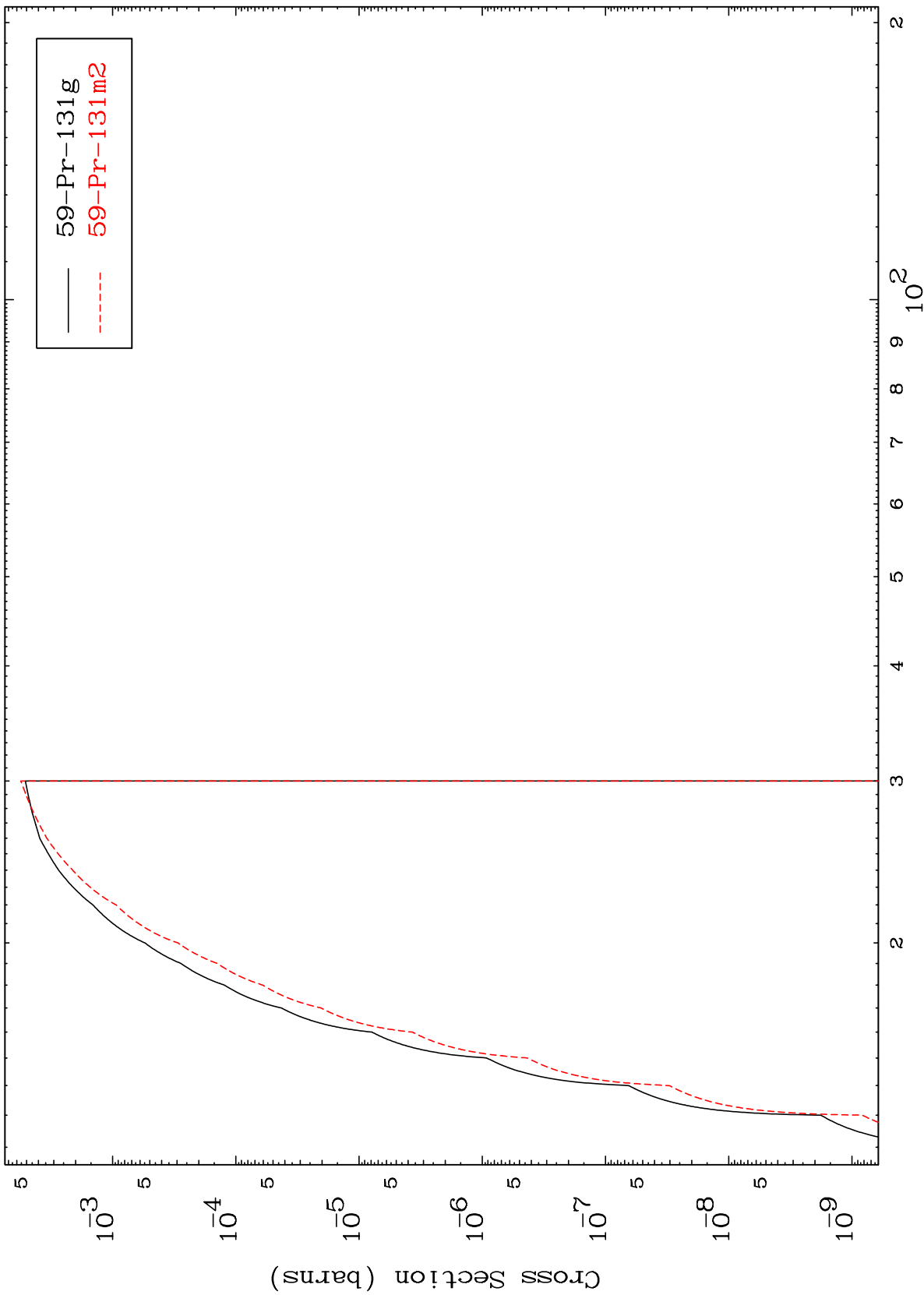


12

Incident Energy (MeV)

58-Ce-131

Radionuclide Production Cross Section

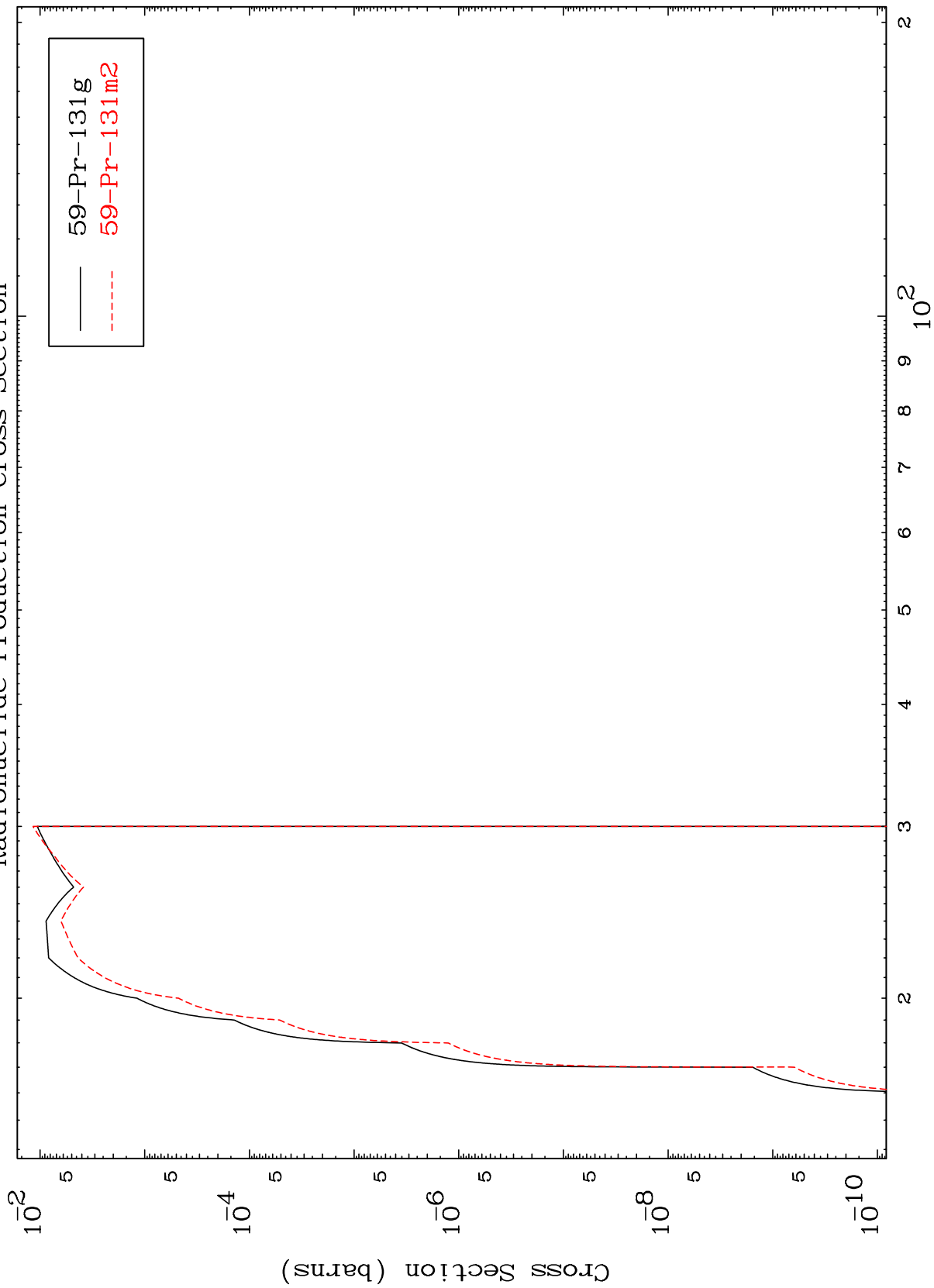


MAT 5810

(n,2n) p

58-Ce-131

Radionuclide Production Cross Section



14

Incident Energy (MeV)

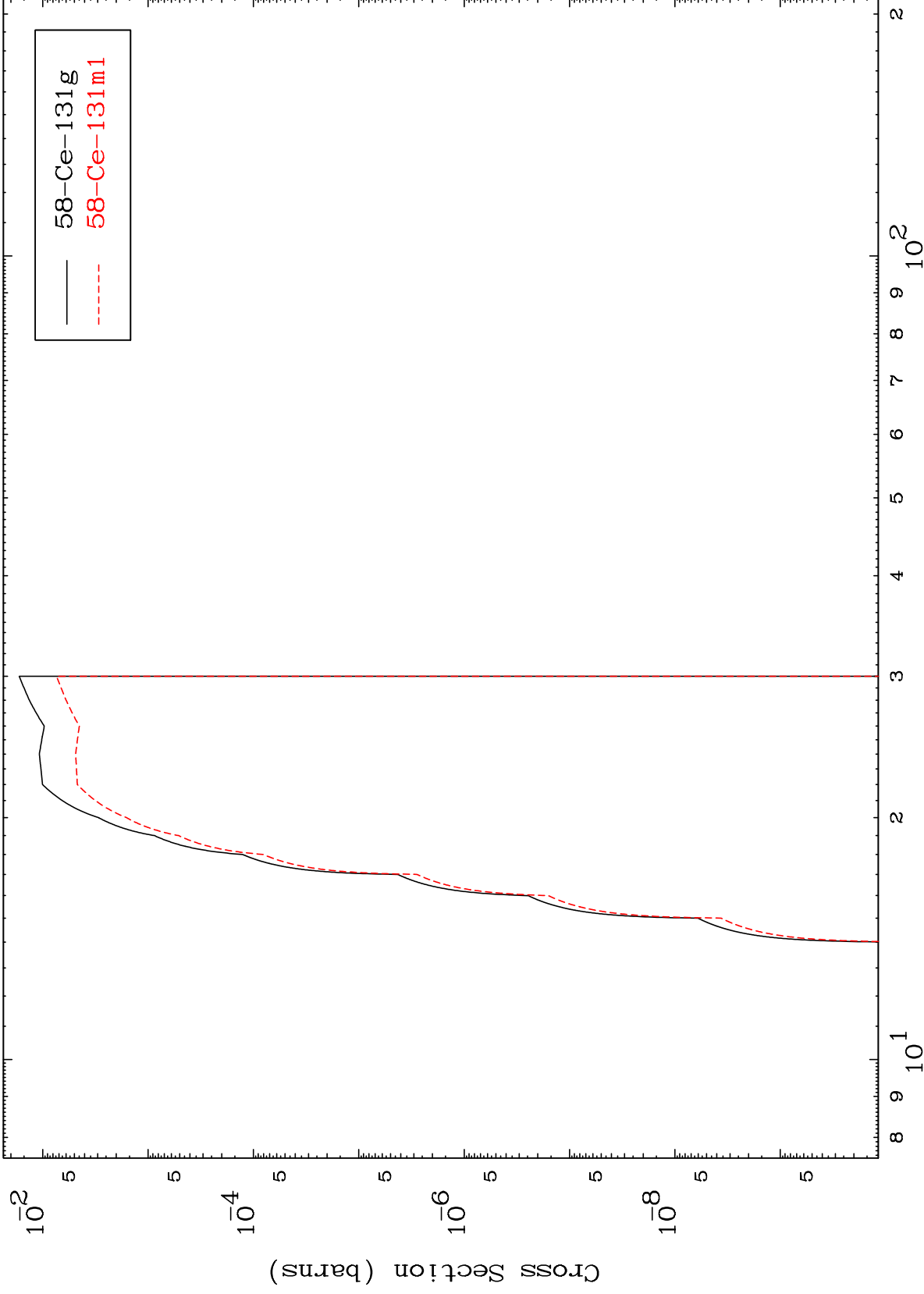
58-Ce-131

MAT 5810

(n,2n) p

58-Ce-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

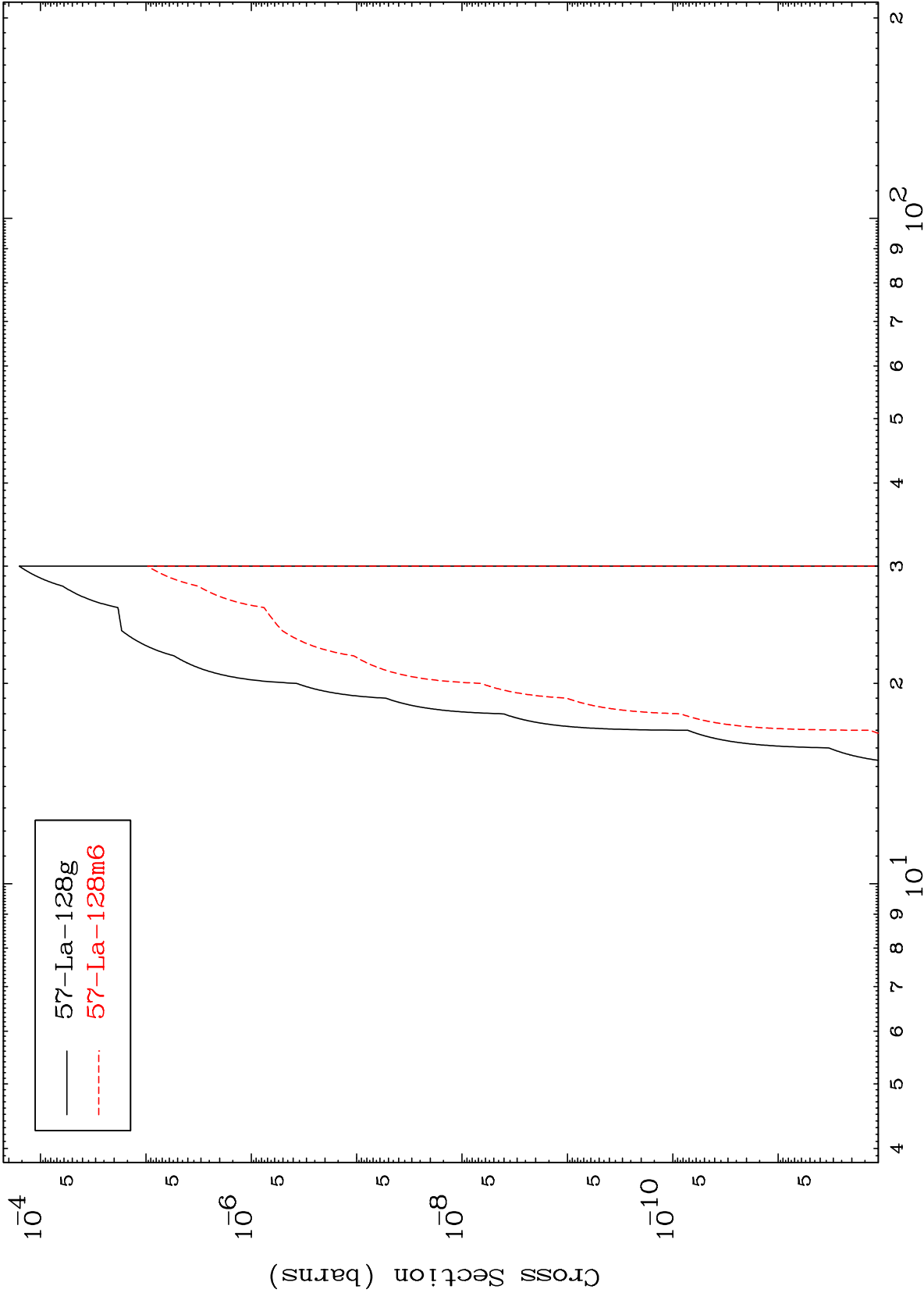
58-Ce-131

MAT 5810

(n,n') p α

58-Ce-131

Radionuclide Production Cross Section

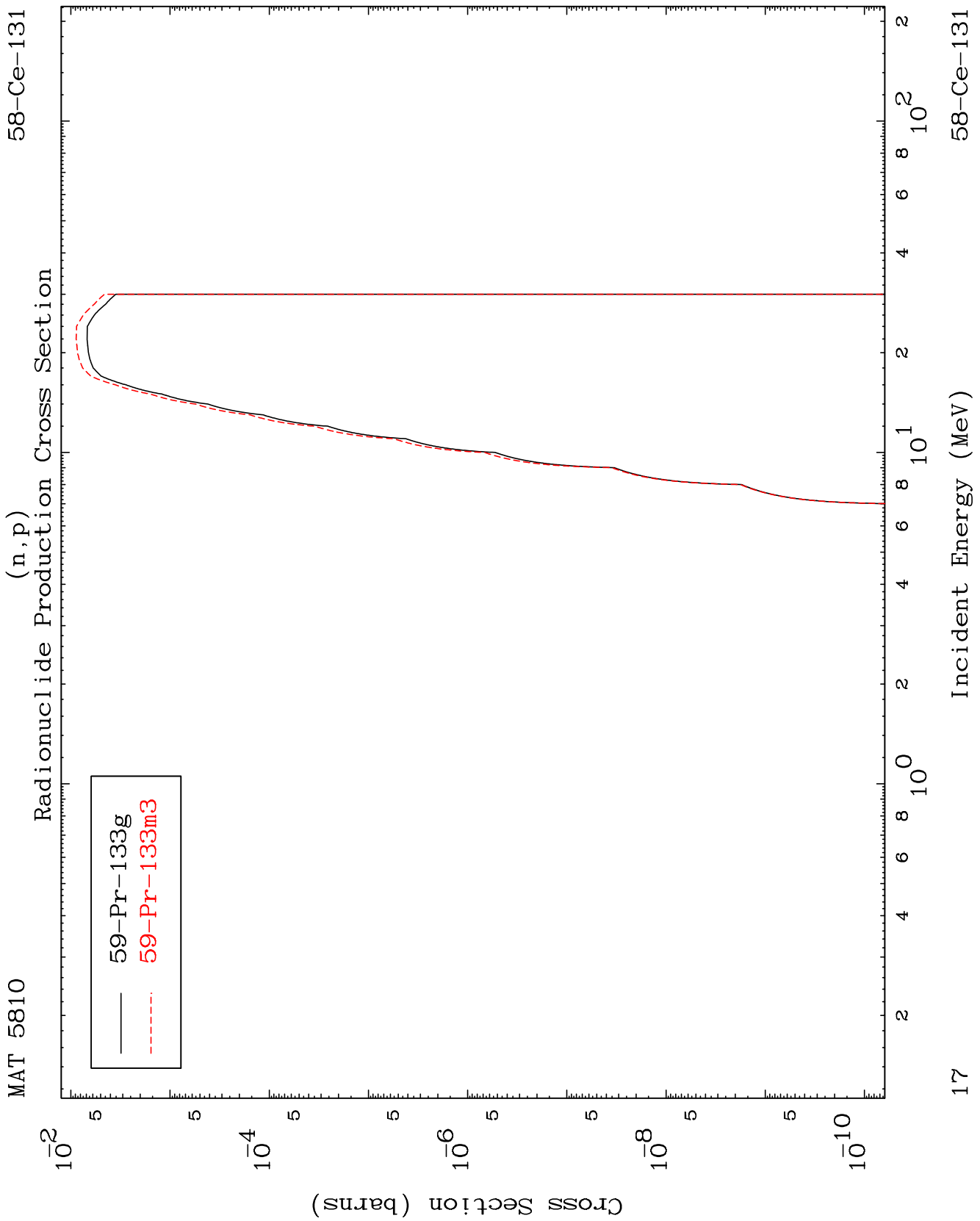


57-La-128g
57-La-128m6

16

Incident Energy (MeV)

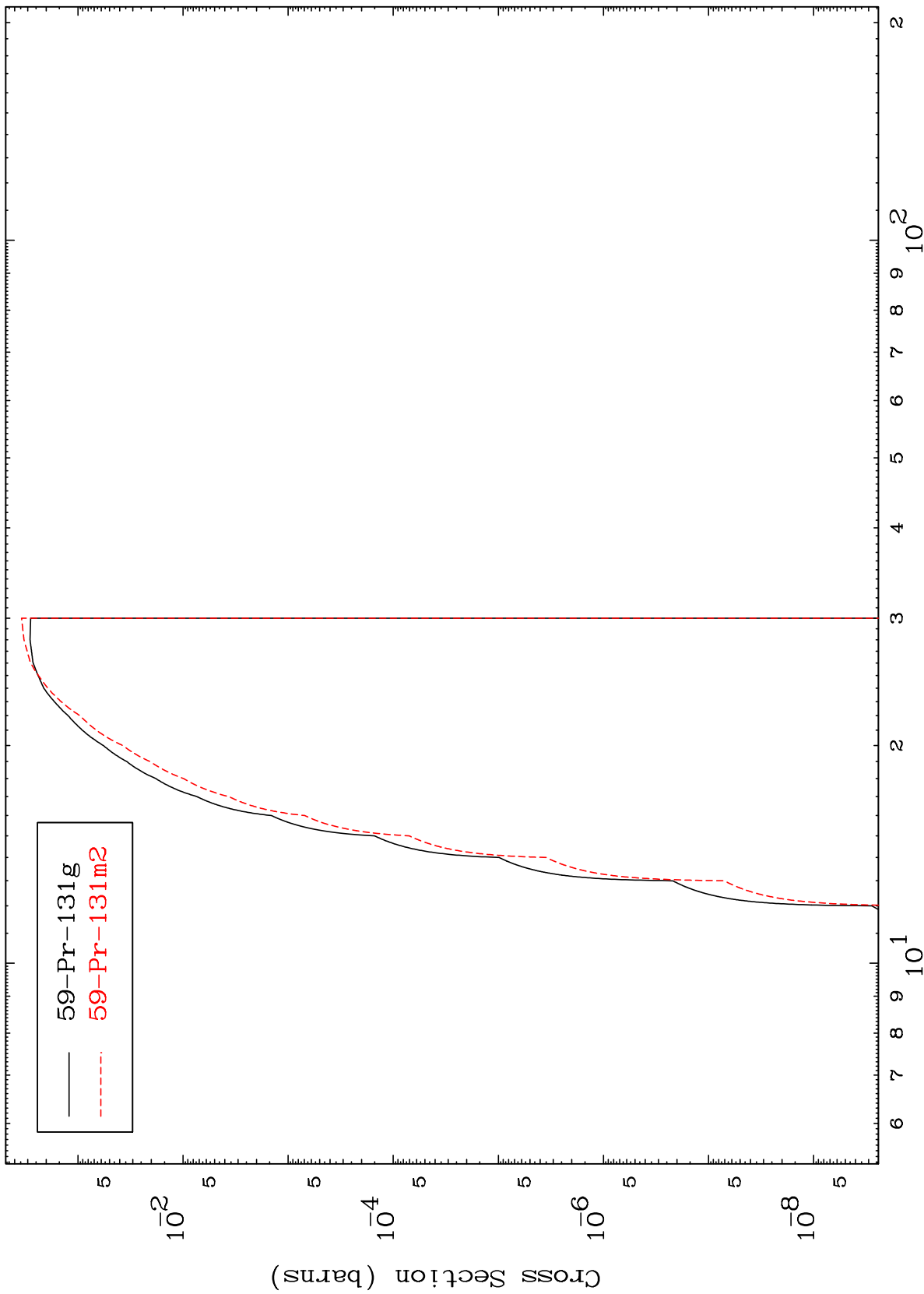
58-Ce-131



MAT 5810

58-Ce-131

(n, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

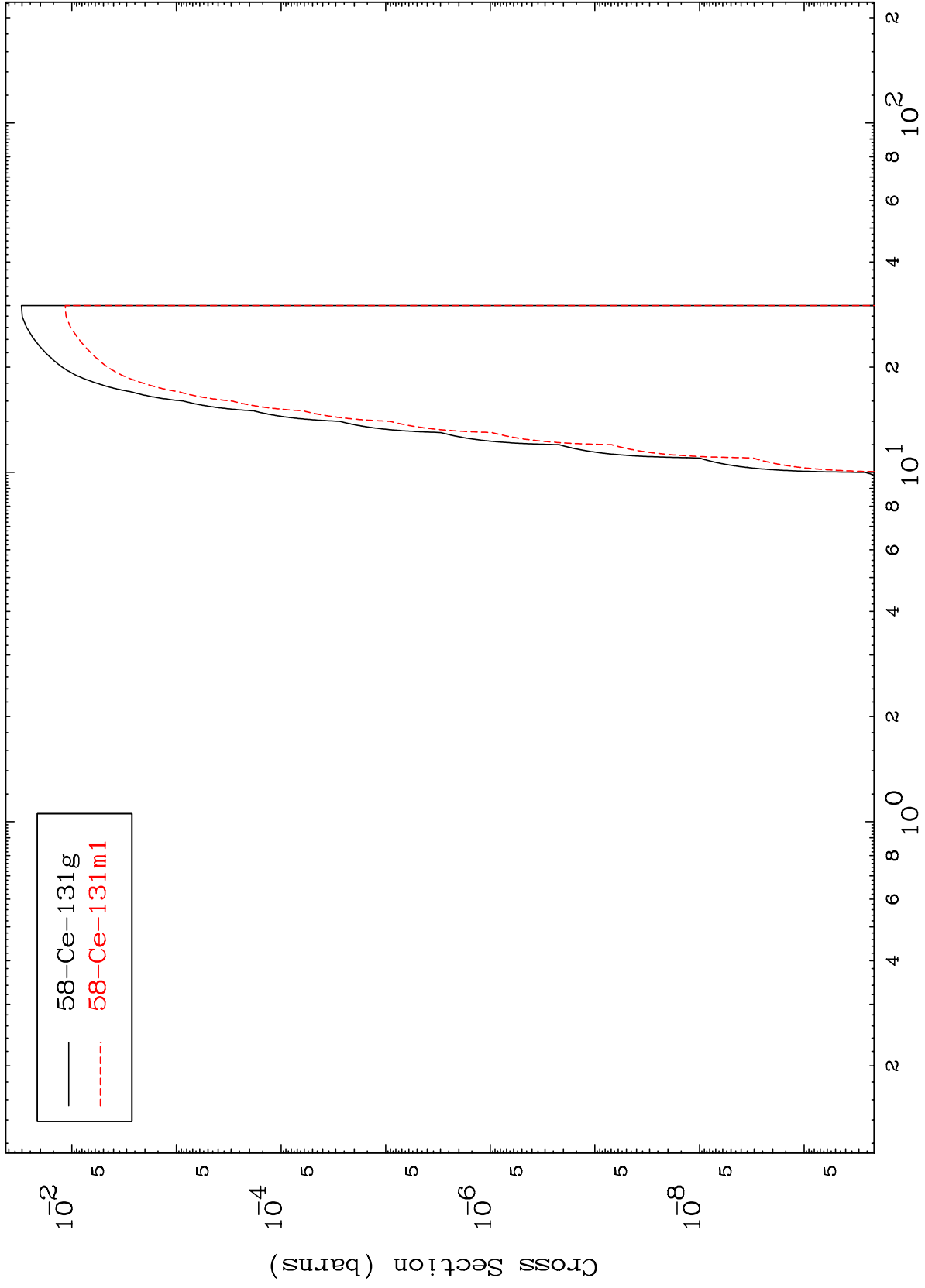
58-Ce-131

MAT 5810

(n,He-3)

58-Ce-131

Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

19

Incident Energy (MeV)

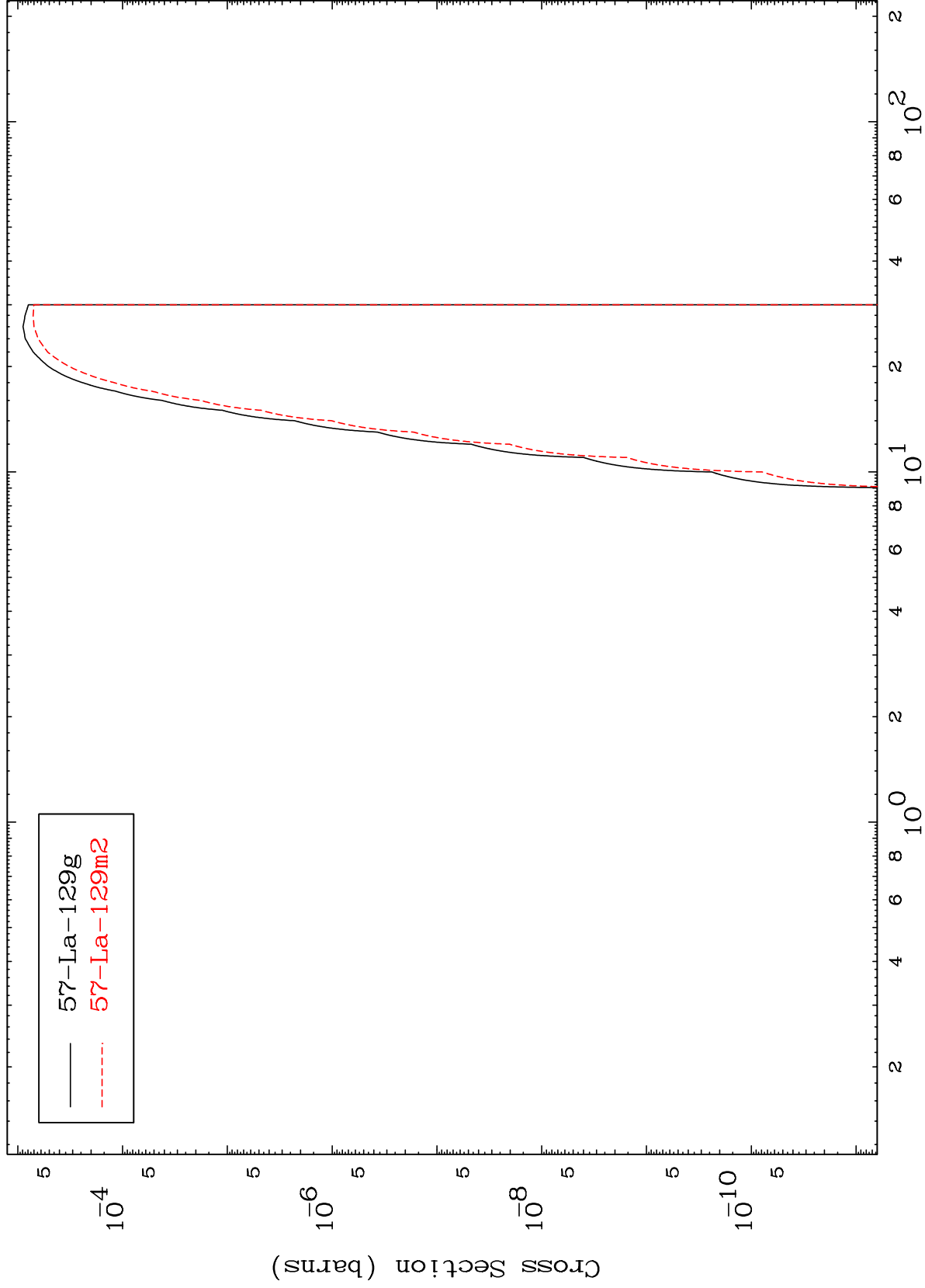
58-Ce-131

MAT 5810

(n,p) α

58-Ce-131

Radionuclide Production Cross Section



57-La-129g
57-La-129m2

20

Incident Energy (MeV)

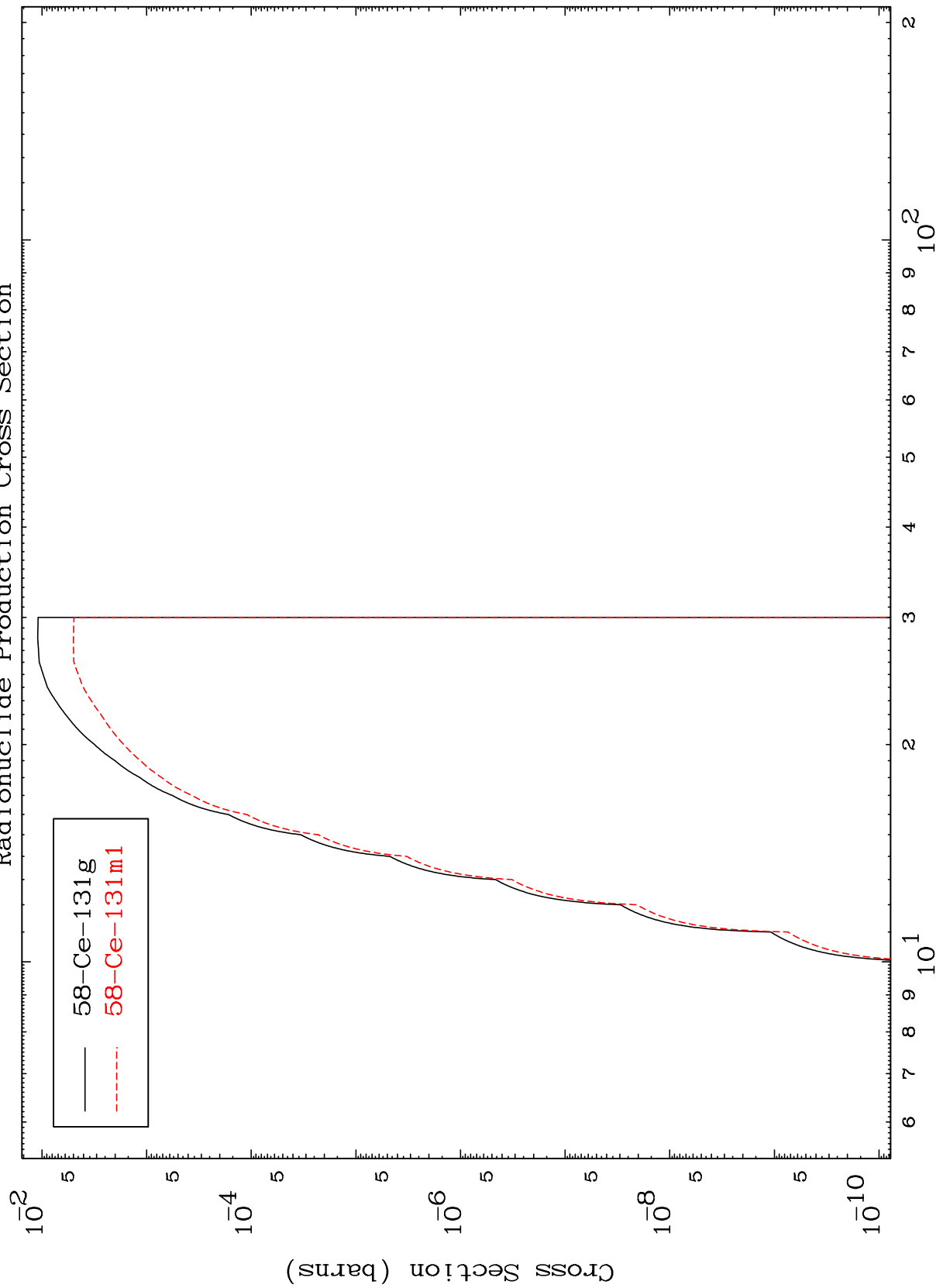
58-Ce-131

MAT 5810

(n,p) d

58-Ce-131

Radionuclide Production Cross Section



58-Ce-131g
58-Ce-131m1

21

Incident Energy (MeV)

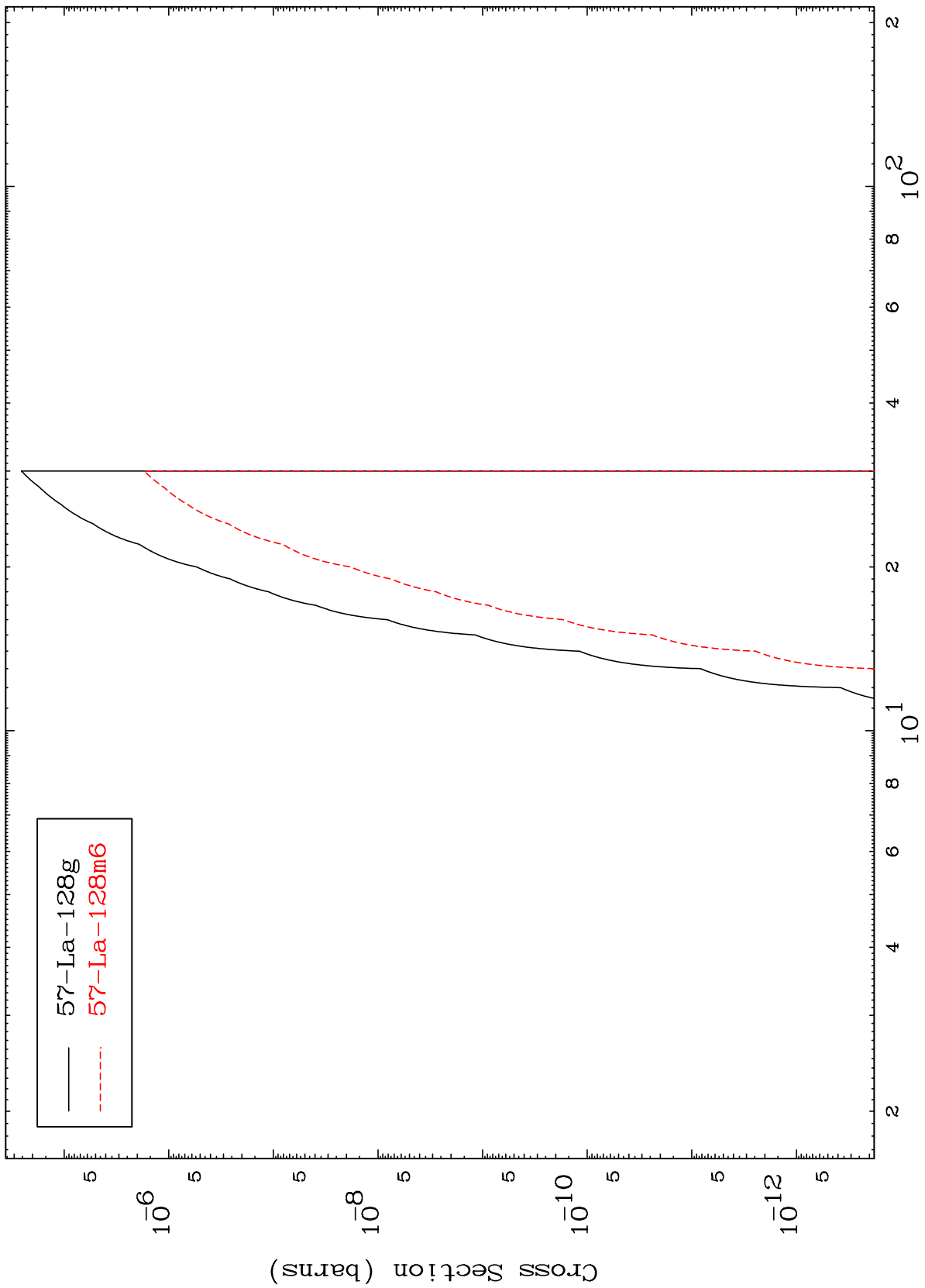
58-Ce-131

MAT 5810

(n,d) α

58-Ce-131

Radionuclide Production Cross Section



22

Incident Energy (MeV)

58-Ce-131