

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

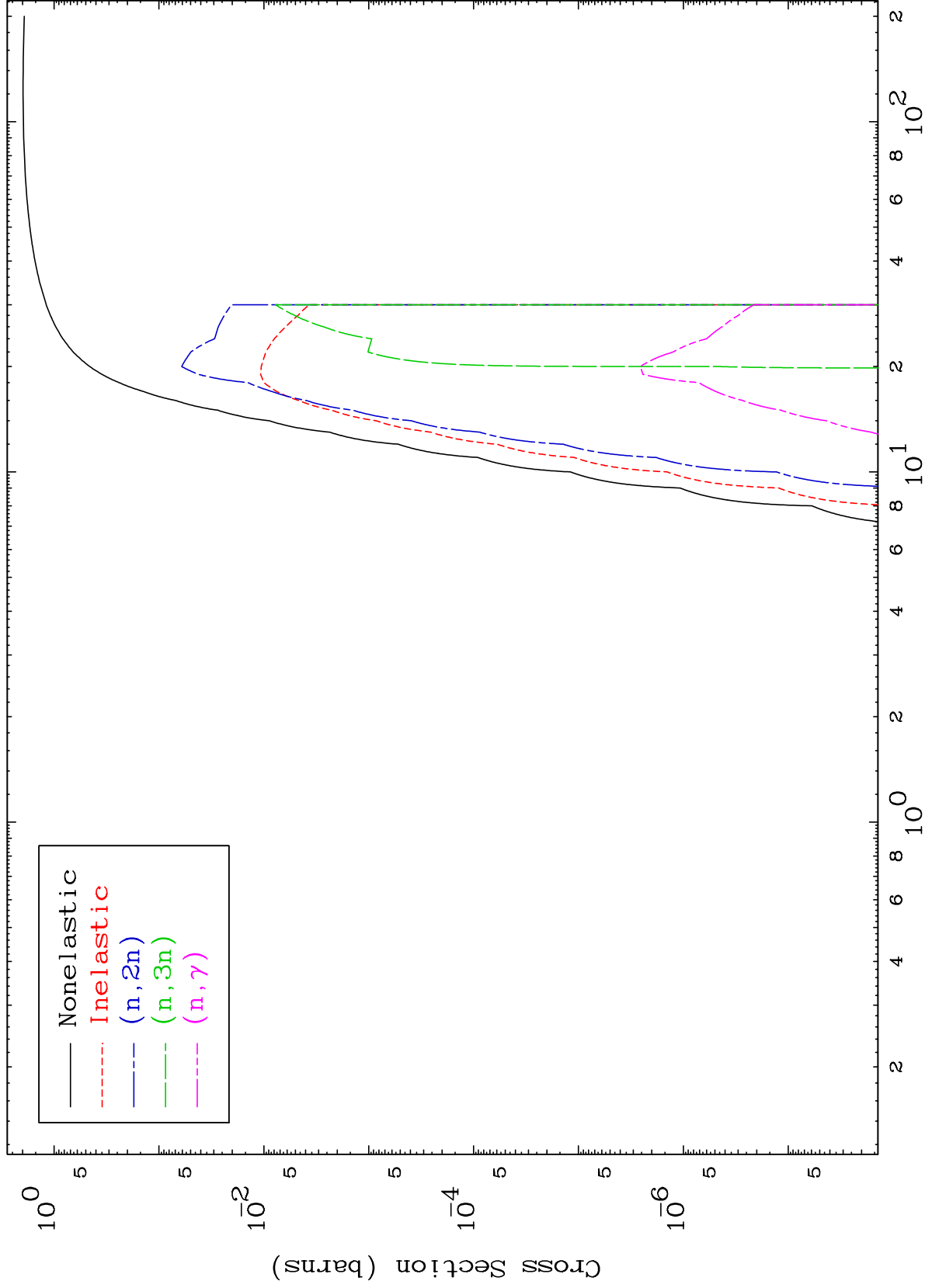
Press Mouse Button to Start

MAT 5816

He-3 Major

58-Ce-133

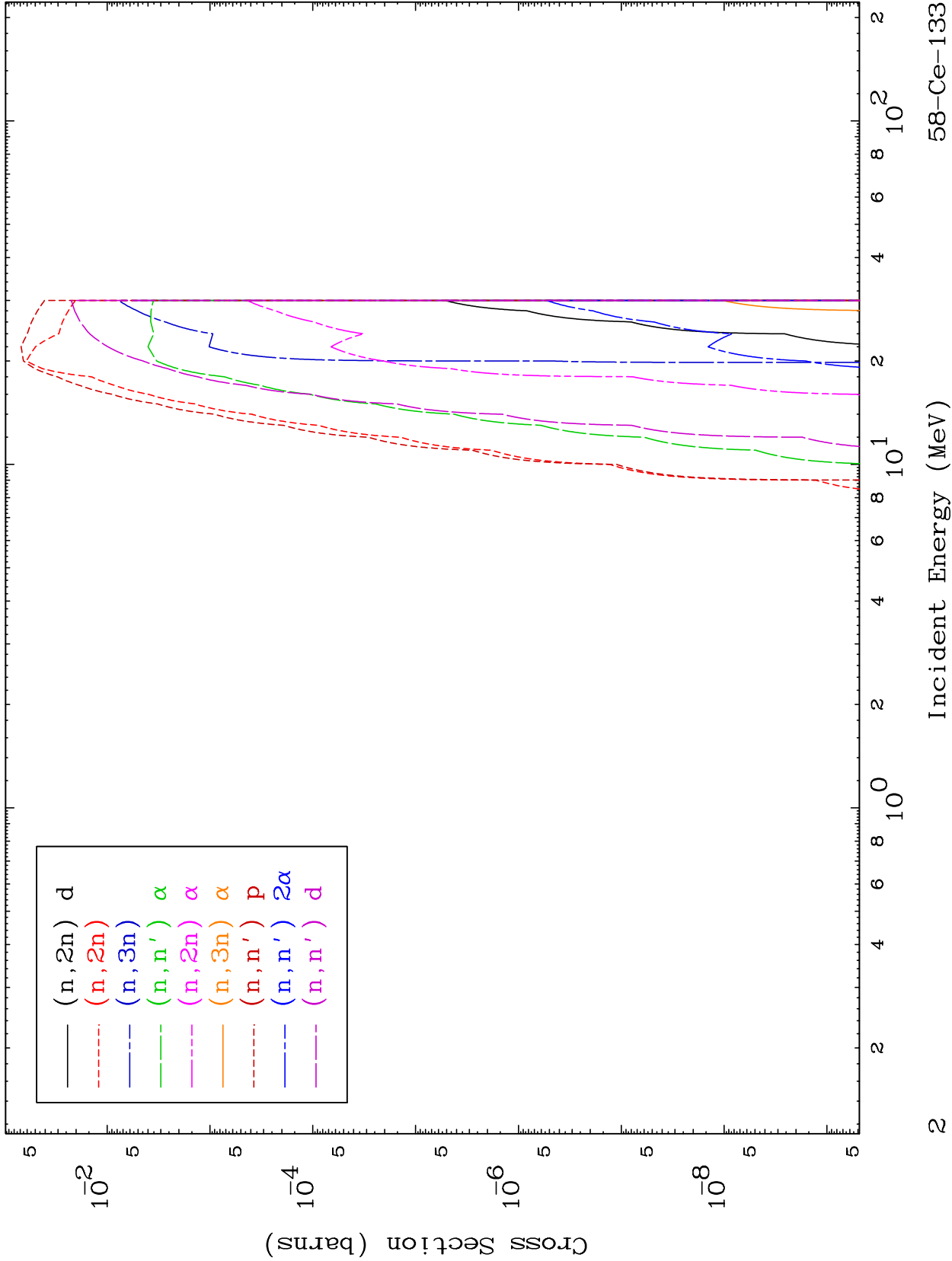
0 Kelvin Cross Sections



MAT 5816

He-3 Neutron Absorption
0 Kelvin Cross Sections

58-Ce-133



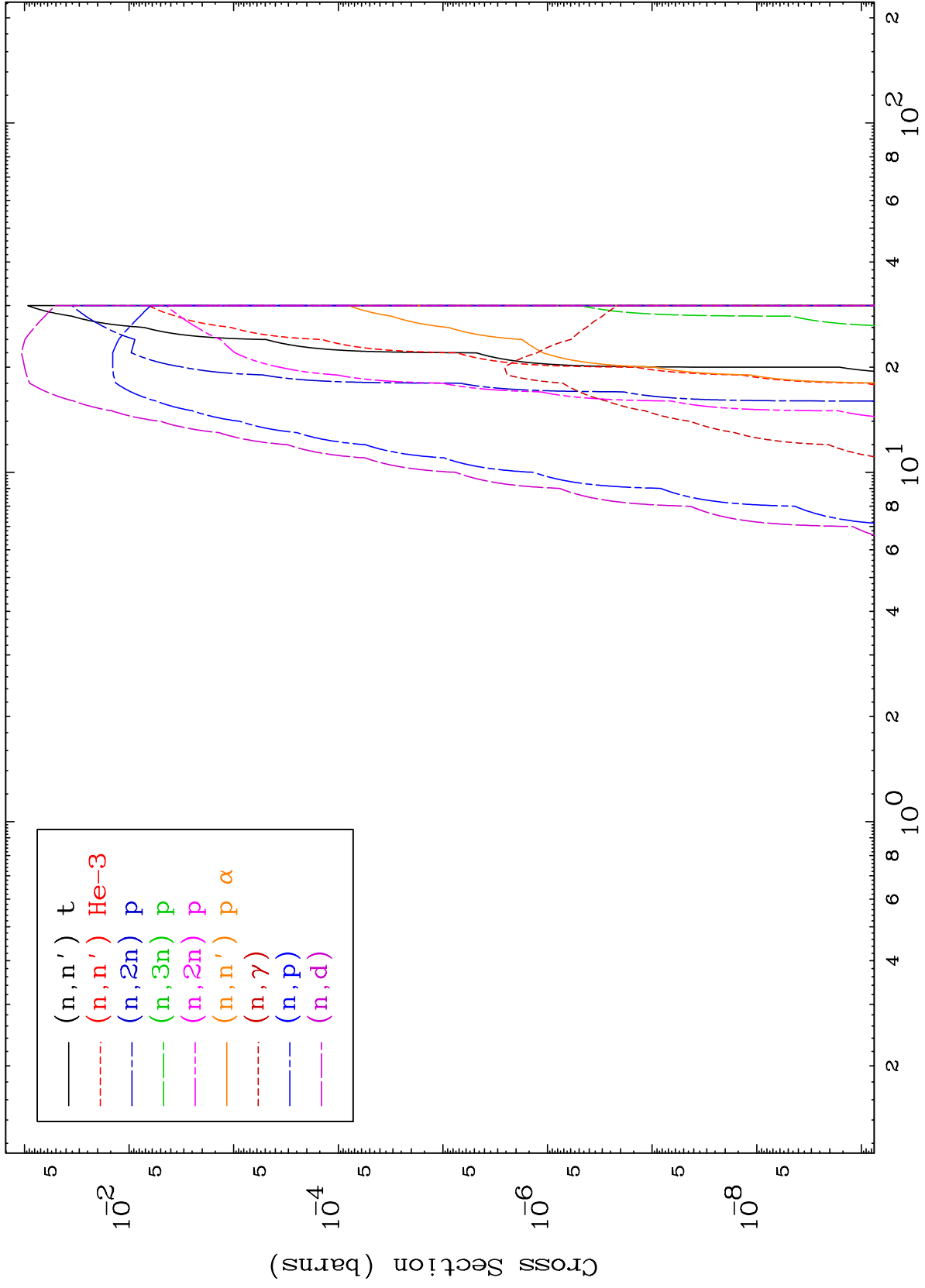
58-Ce-133

Incident Energy (MeV)

MAT 5816

He-3 Neutron Absorption
0 Kelvin Cross Sections

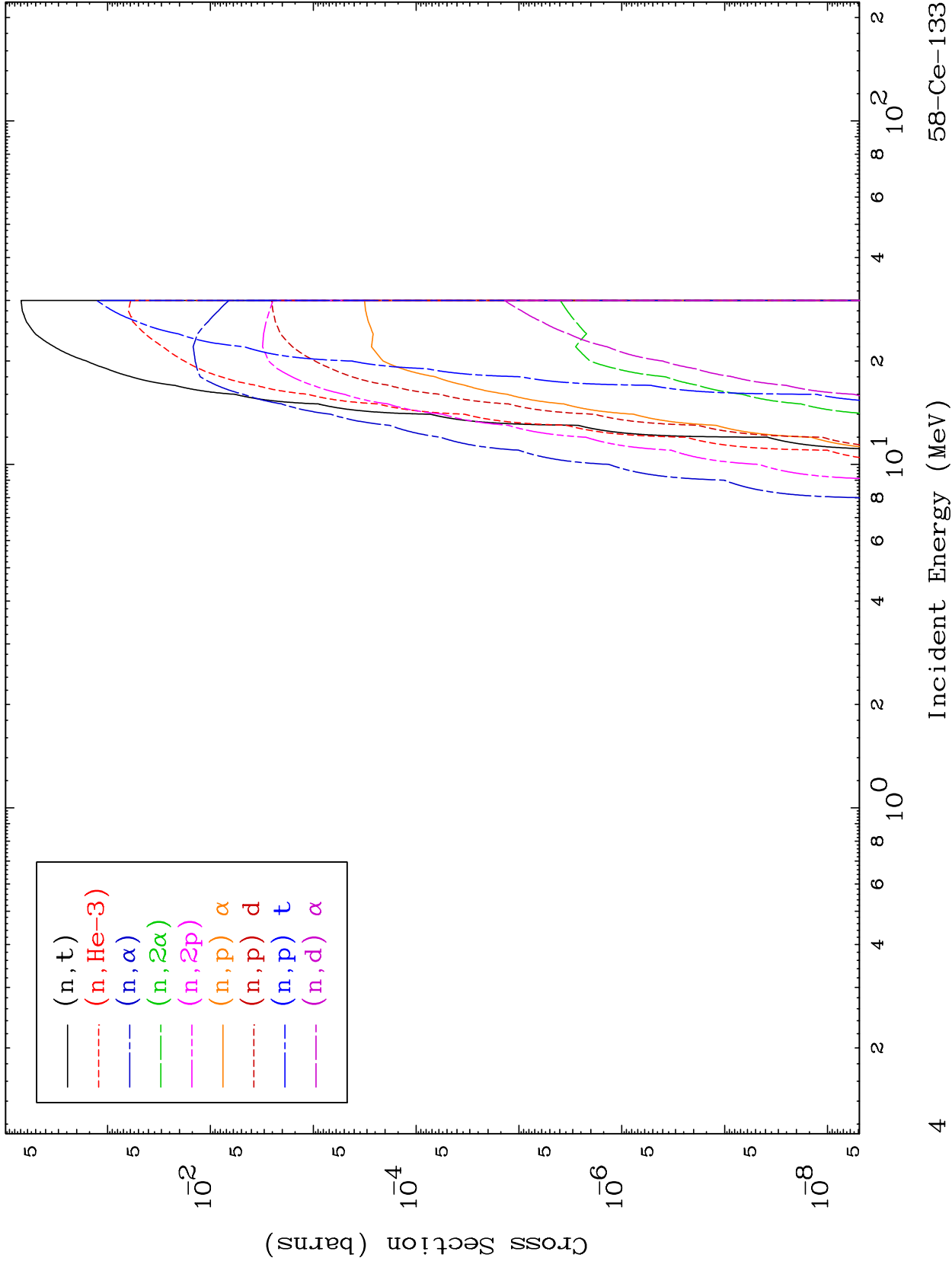
58-Ce-133



MAT 5816

He-3 Neutron Absorption
0 Kelvin Cross Sections

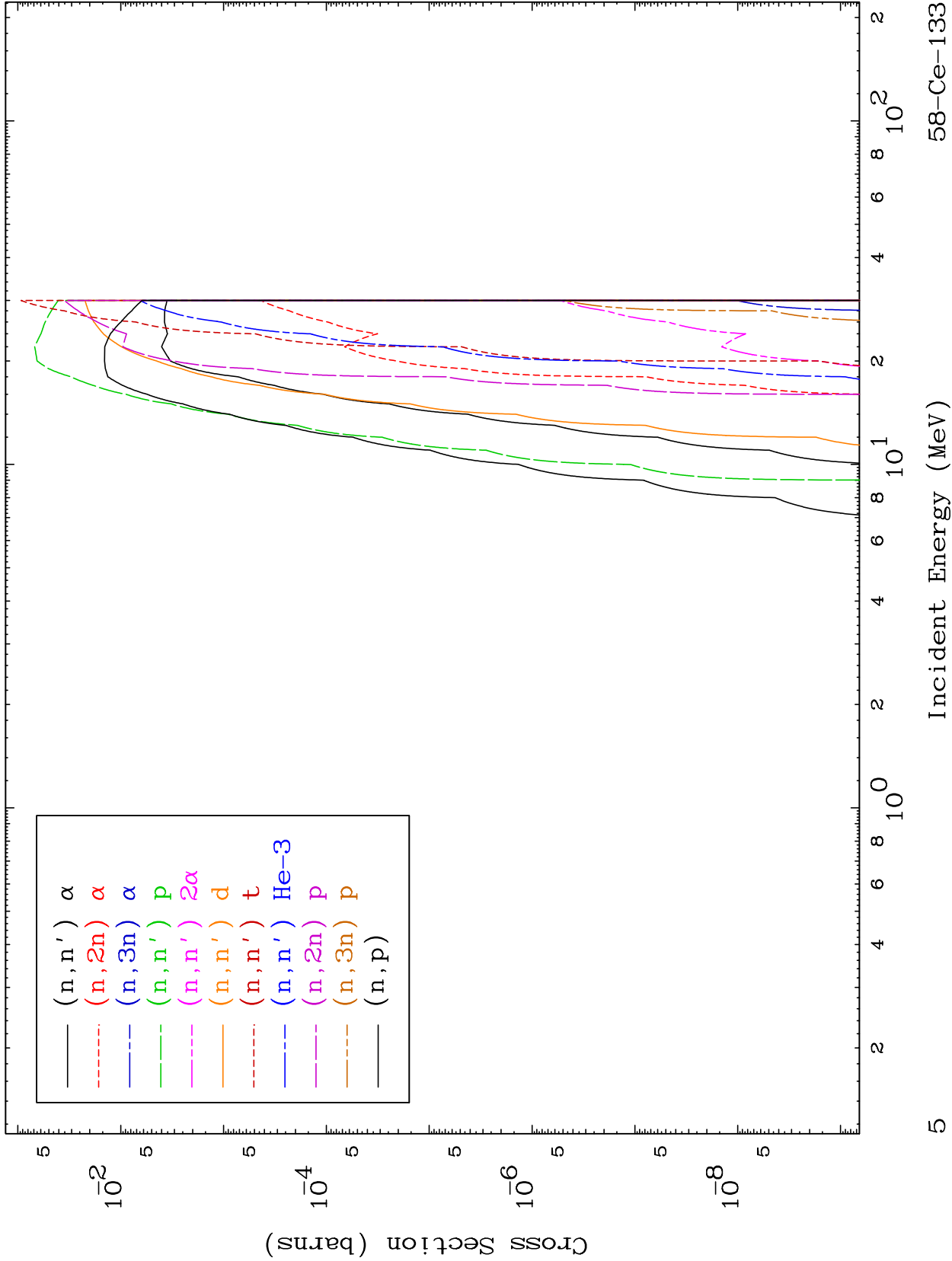
58-Ce-133



MAT 5816

He-3 Charged Particle
0 Kelvin Cross Sections

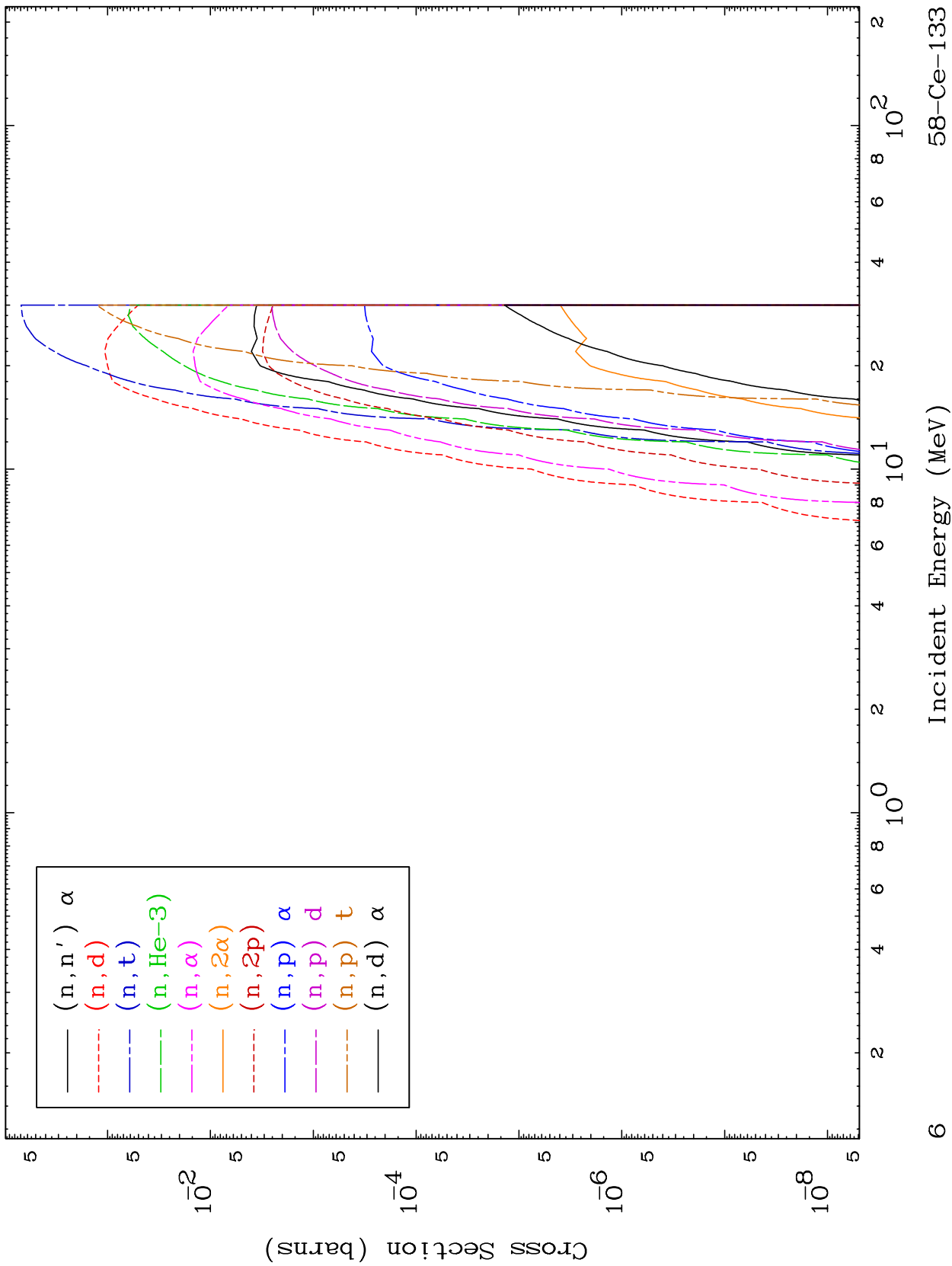
58-Ce-133



MAT 5816

He-3 Charged Particle
0 Kelvin Cross Sections

58-Ce-133



6

Incident Energy (MeV)

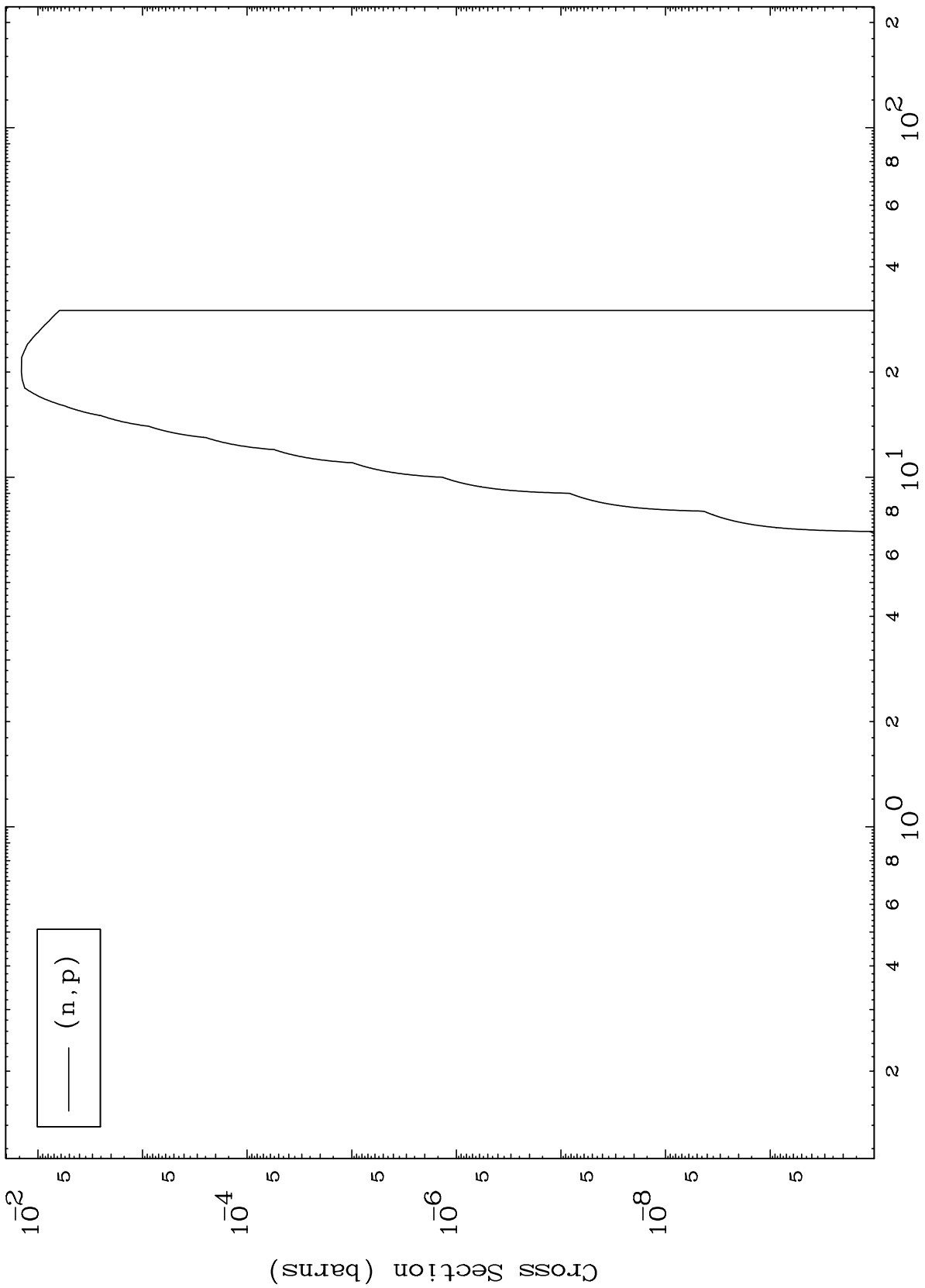
58-Ce-133

MAT 5816

(He-3,p) Levels

58-Ce-133

0 Kelvin Cross Sections



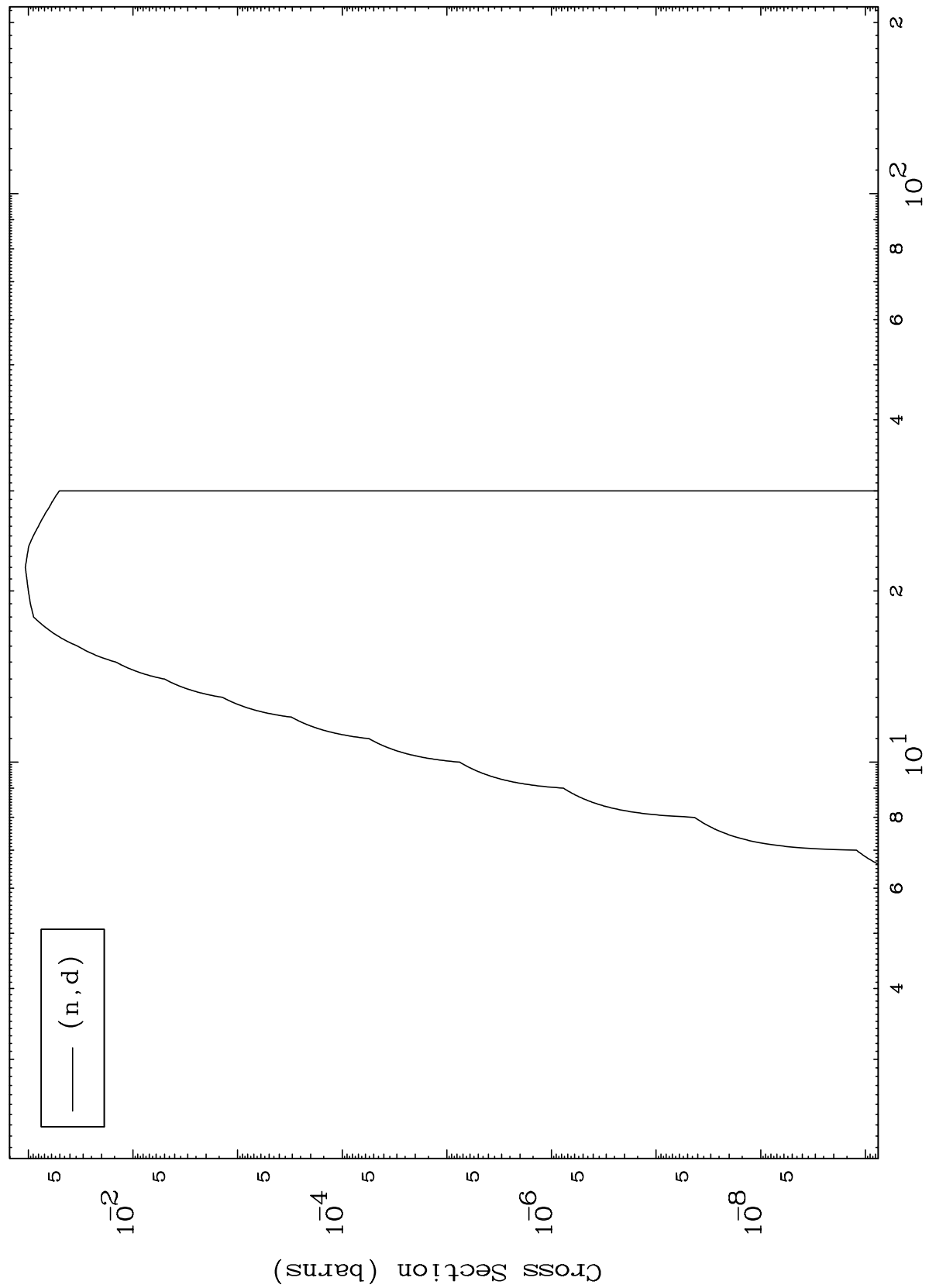
(n,p)

MAT 5816

(He-3,d) Levels

58-Ce-133

0 Kelvin Cross Sections



8

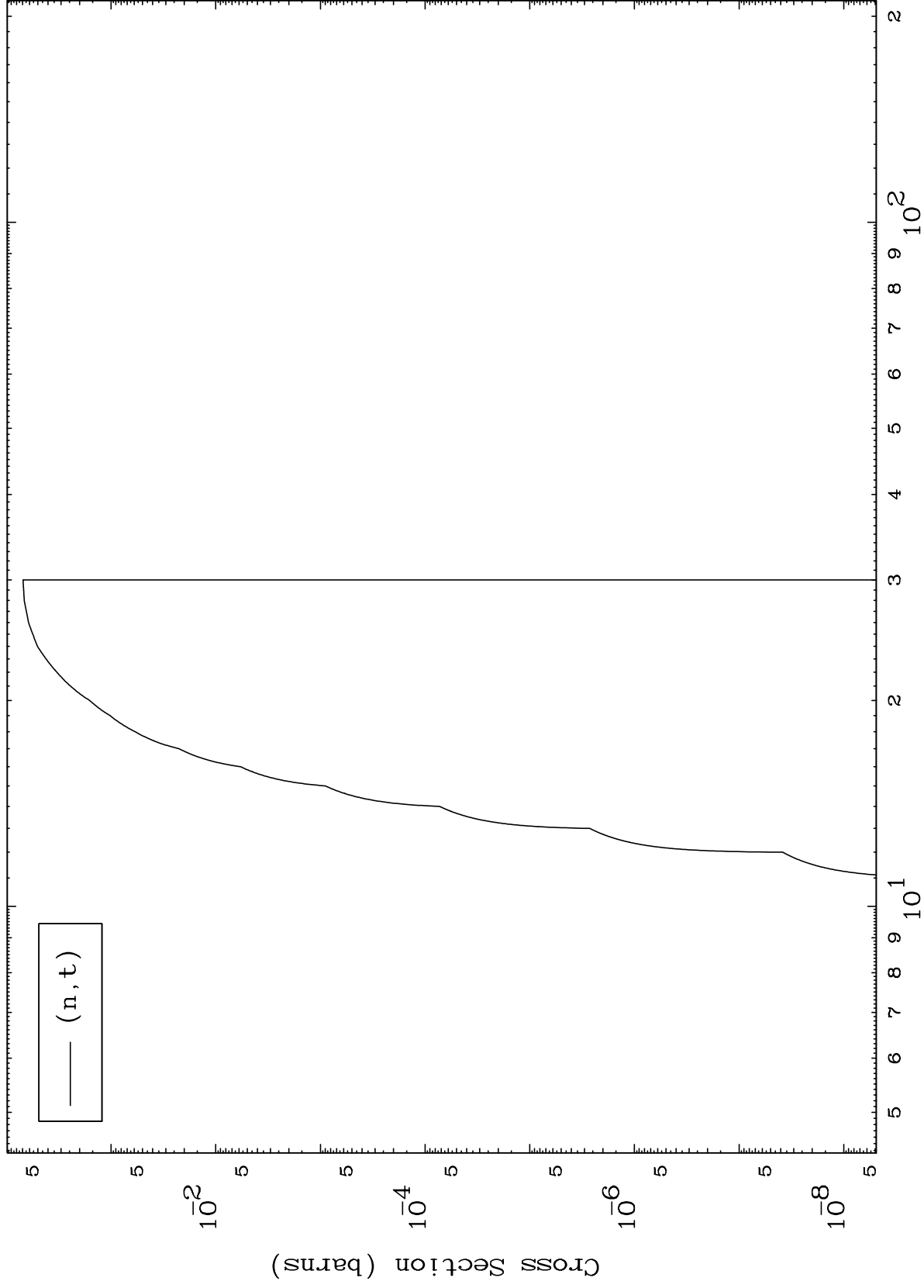
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

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



9

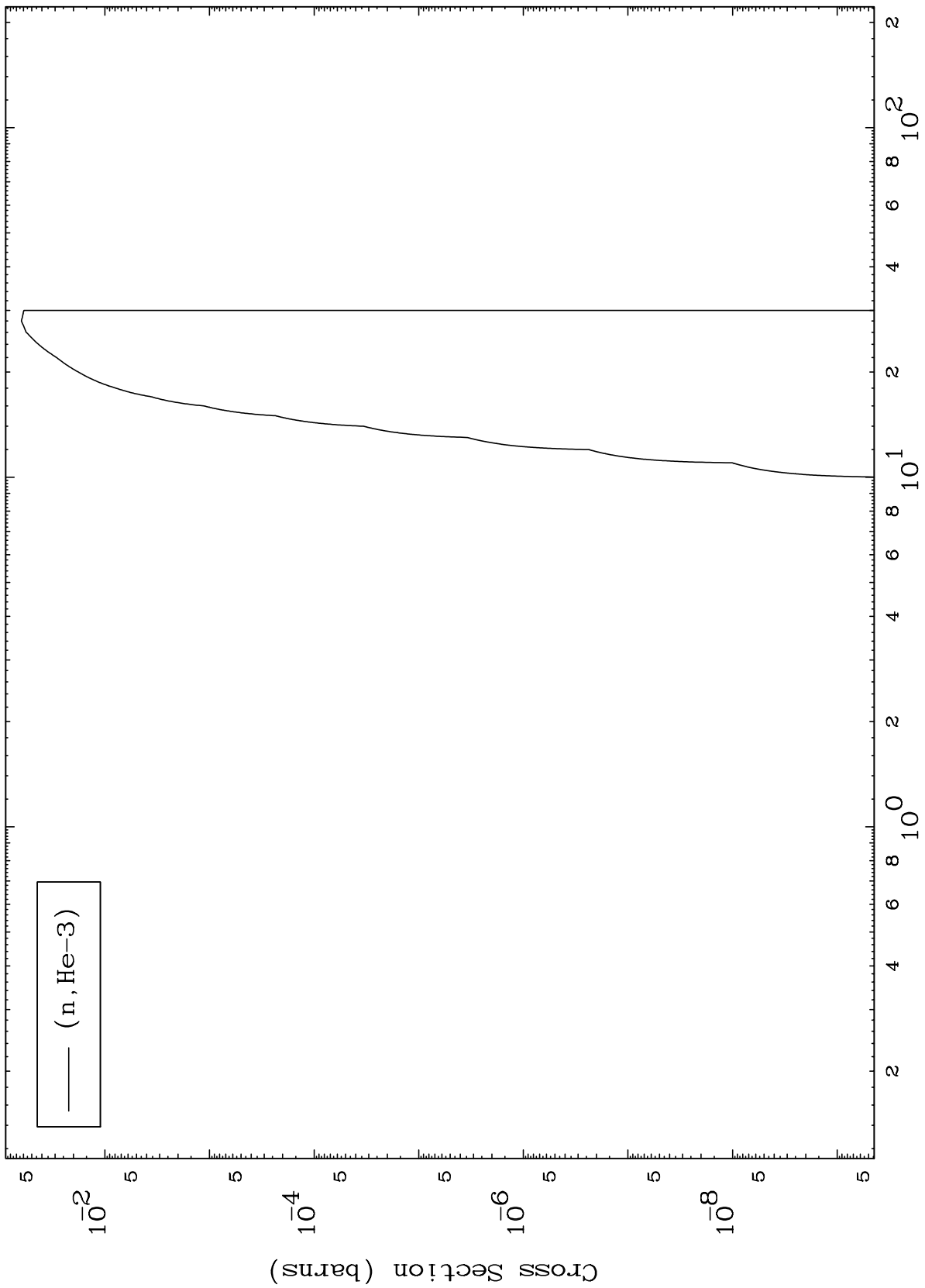
58-Ce-133

MAT 5816

(He-3, He3) Levels

58-Ce-133

0 Kelvin Cross Sections



10

Incident Energy (MeV)

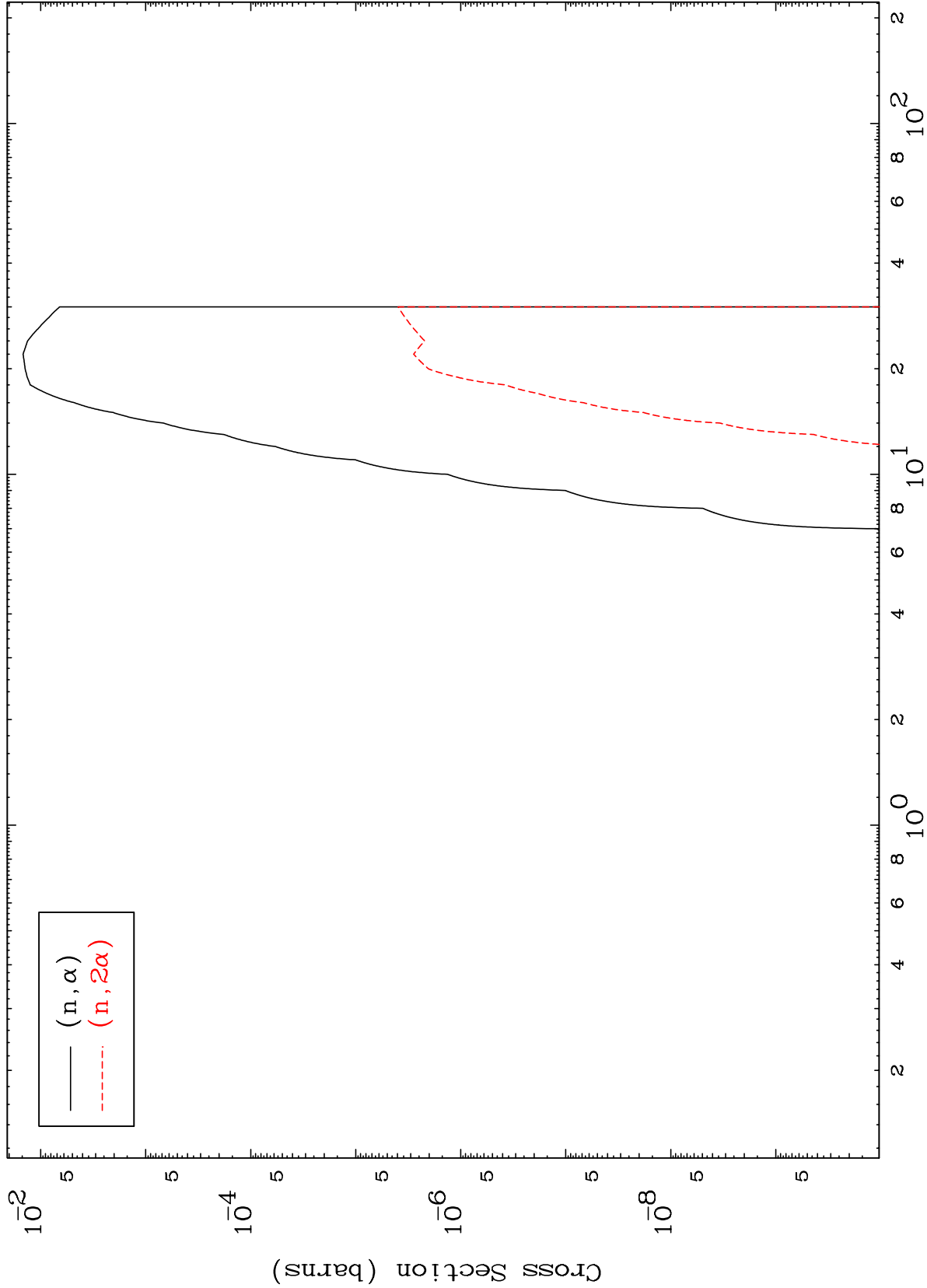
58-Ce-133

MAT 5816

(He-3, α) Levels

58-Ce-133

0 Kelvin Cross Sections

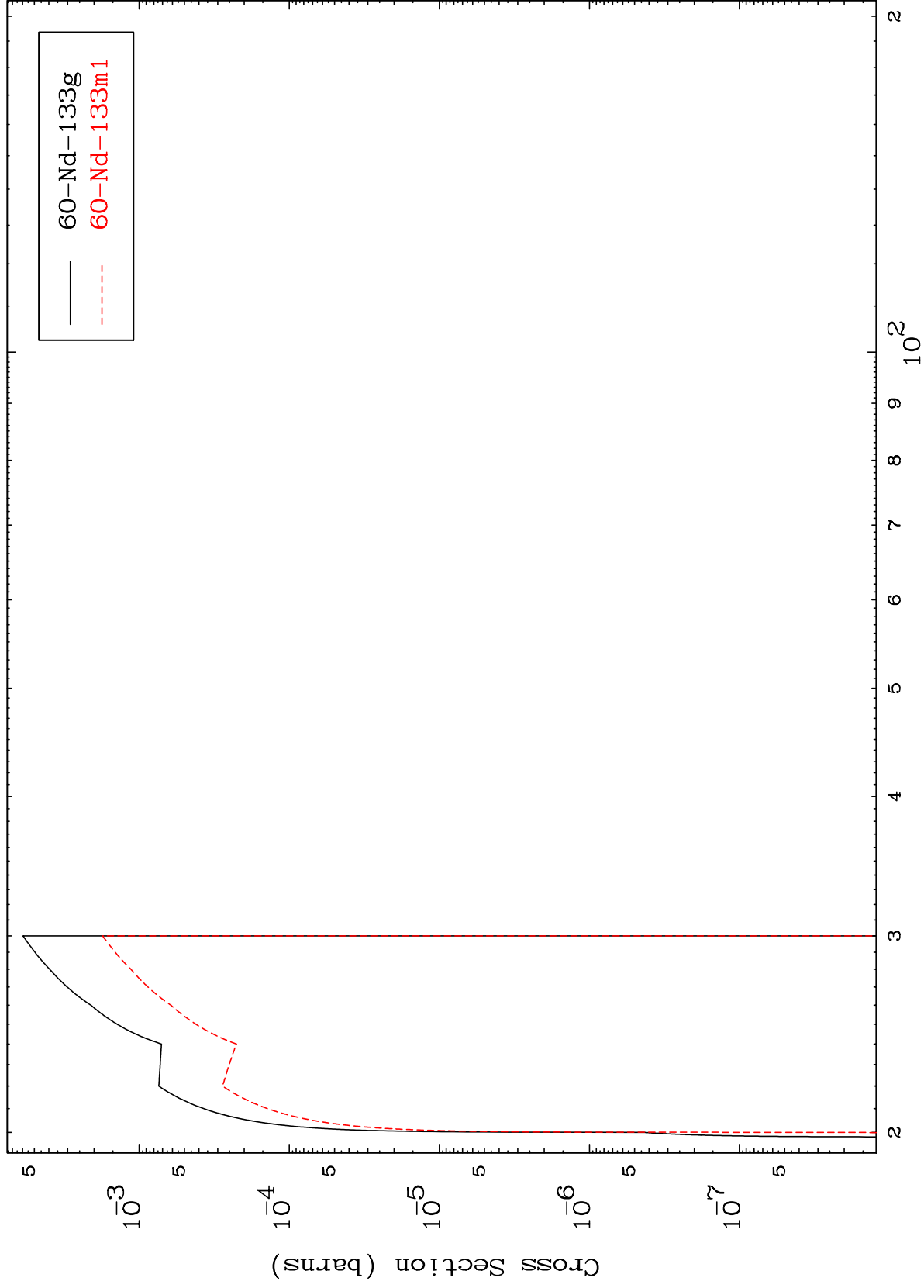


MAT 5816

(n,3n)

58-Ce-133

Radionuclide Production Cross Section



12

Incident Energy (MeV)

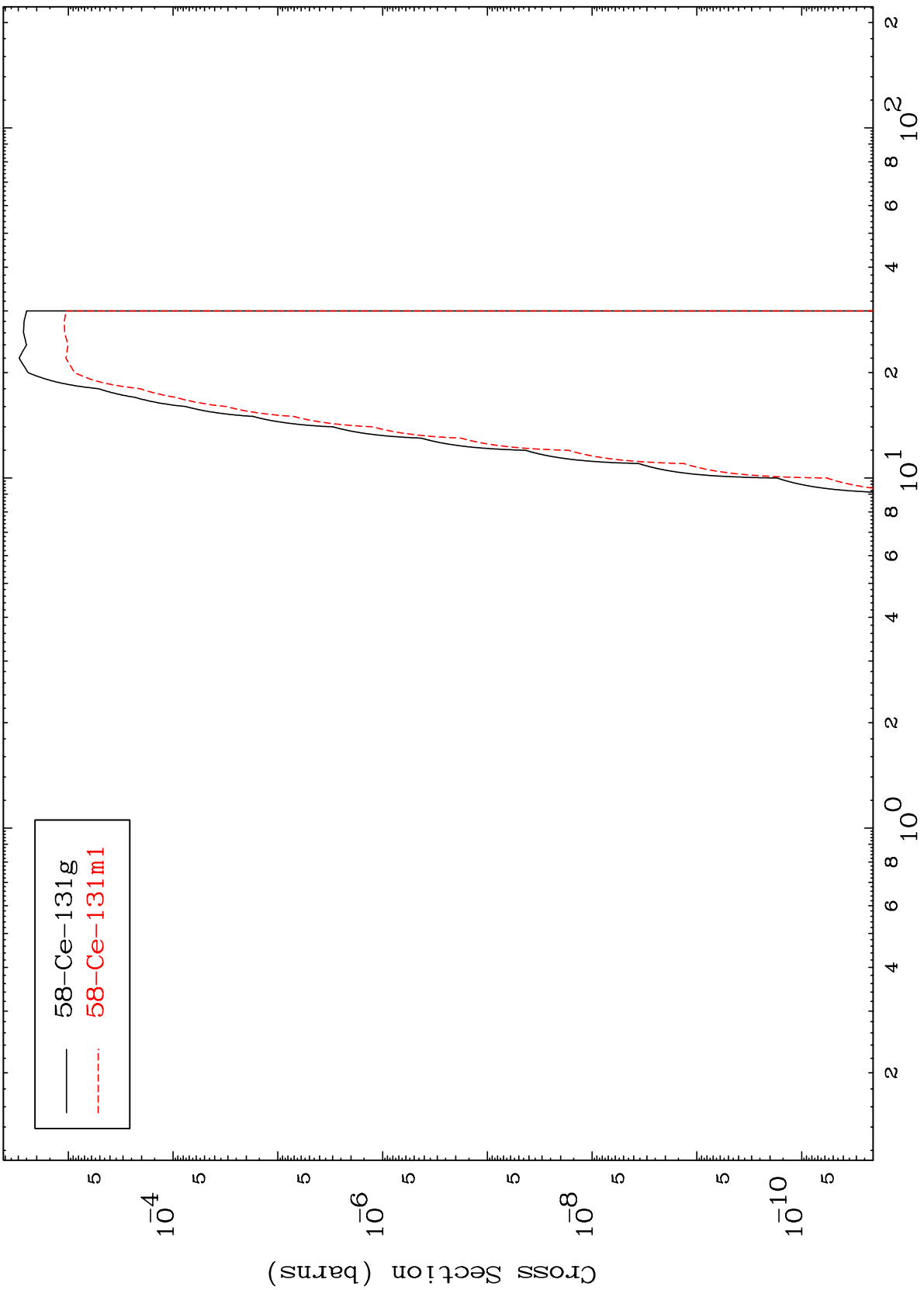
58-Ce-133

MAT 5816

(n,n') α

58-Ce-133

Radionuclide Production Cross Section



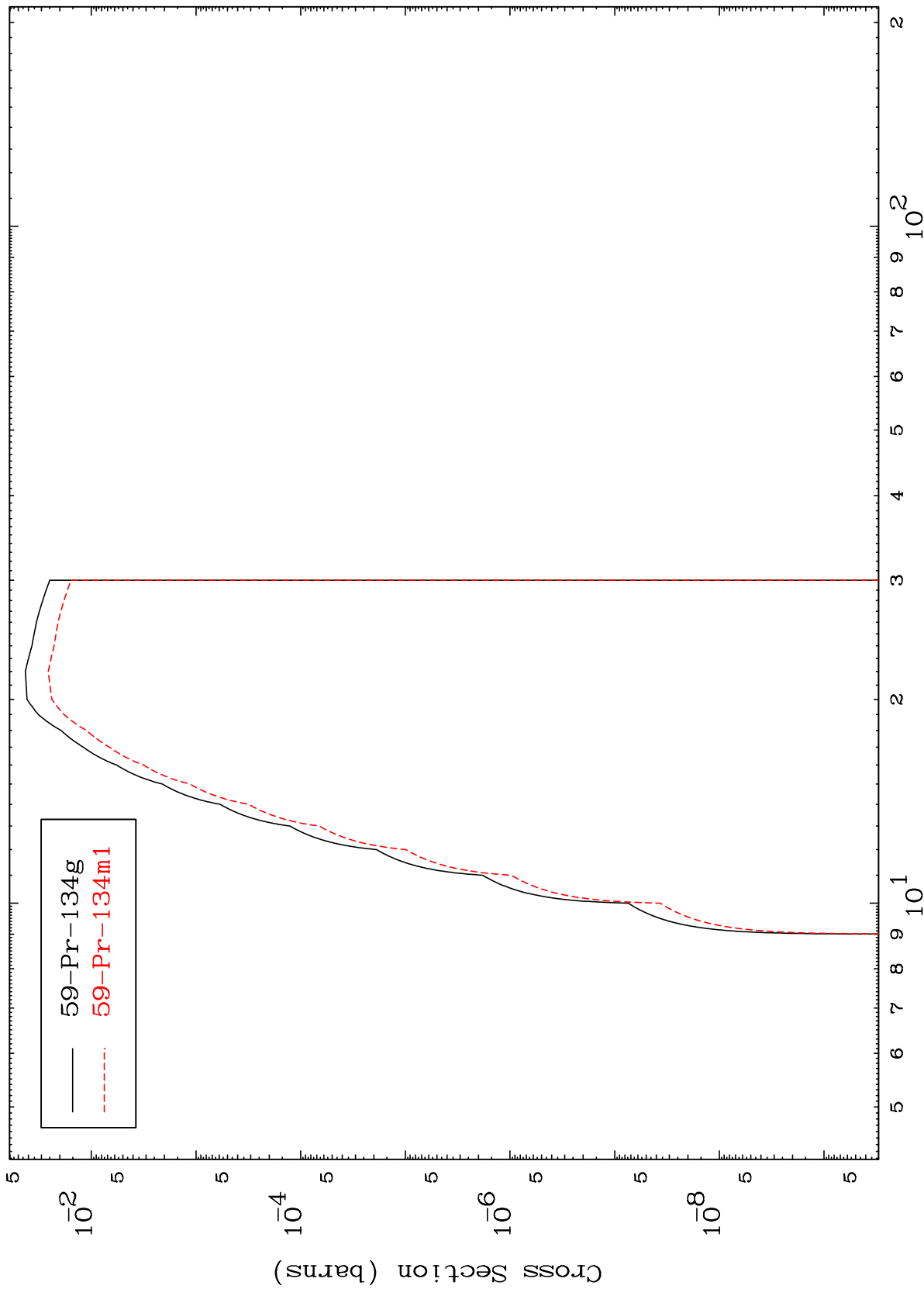
58-Ce-131g
58-Ce-131m1

MAT 5816

(n,n') p

58-Ce-133

Radionuclide Production Cross Section



59-Pr-134g
59-Pr-134m1

Incident Energy (MeV)

58-Ce-133

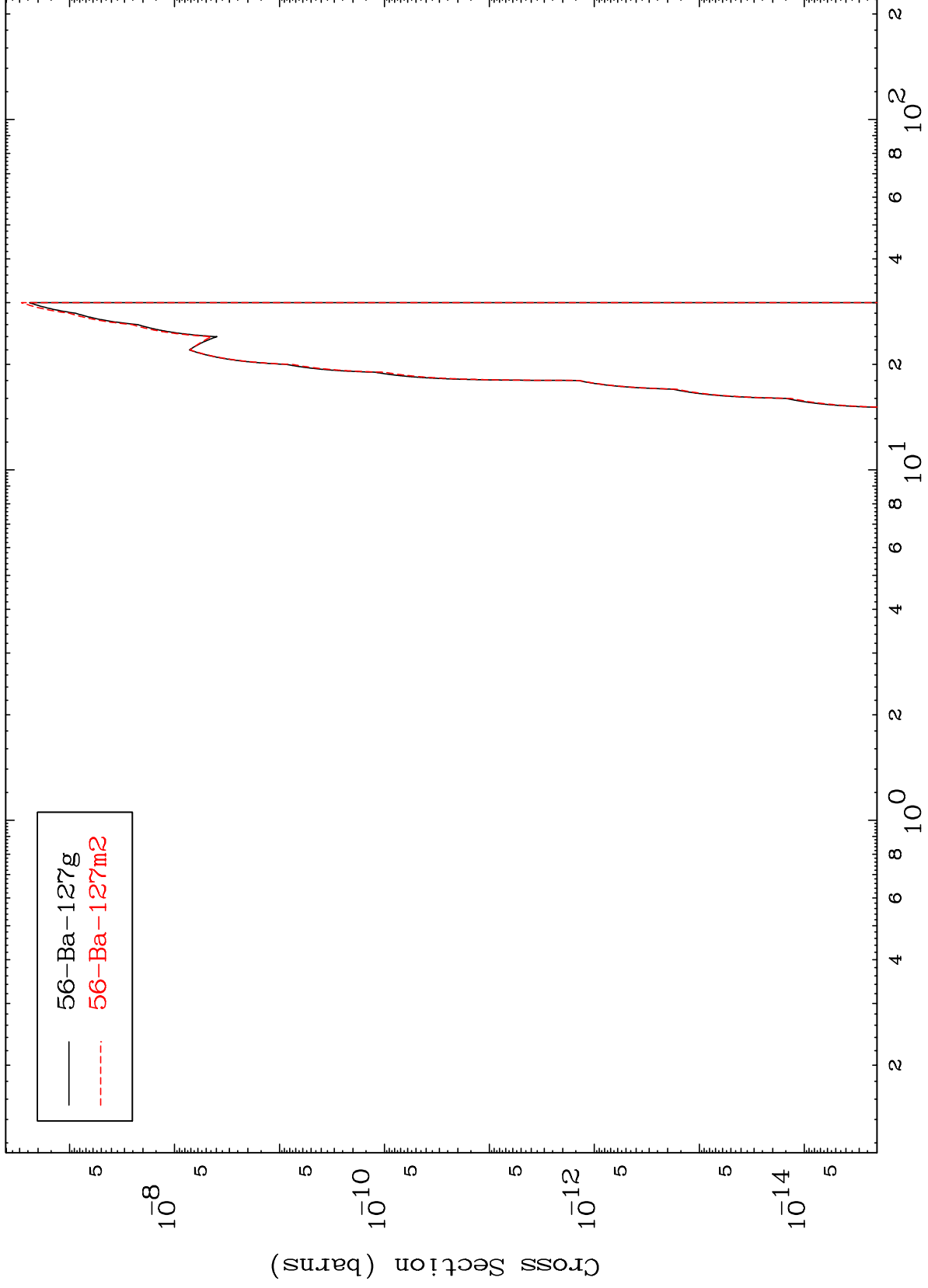
14

MAT 5816

(n,n') 2 α

58-Ce-133

Radionuclide Production Cross Section



15

Incident Energy (MeV)

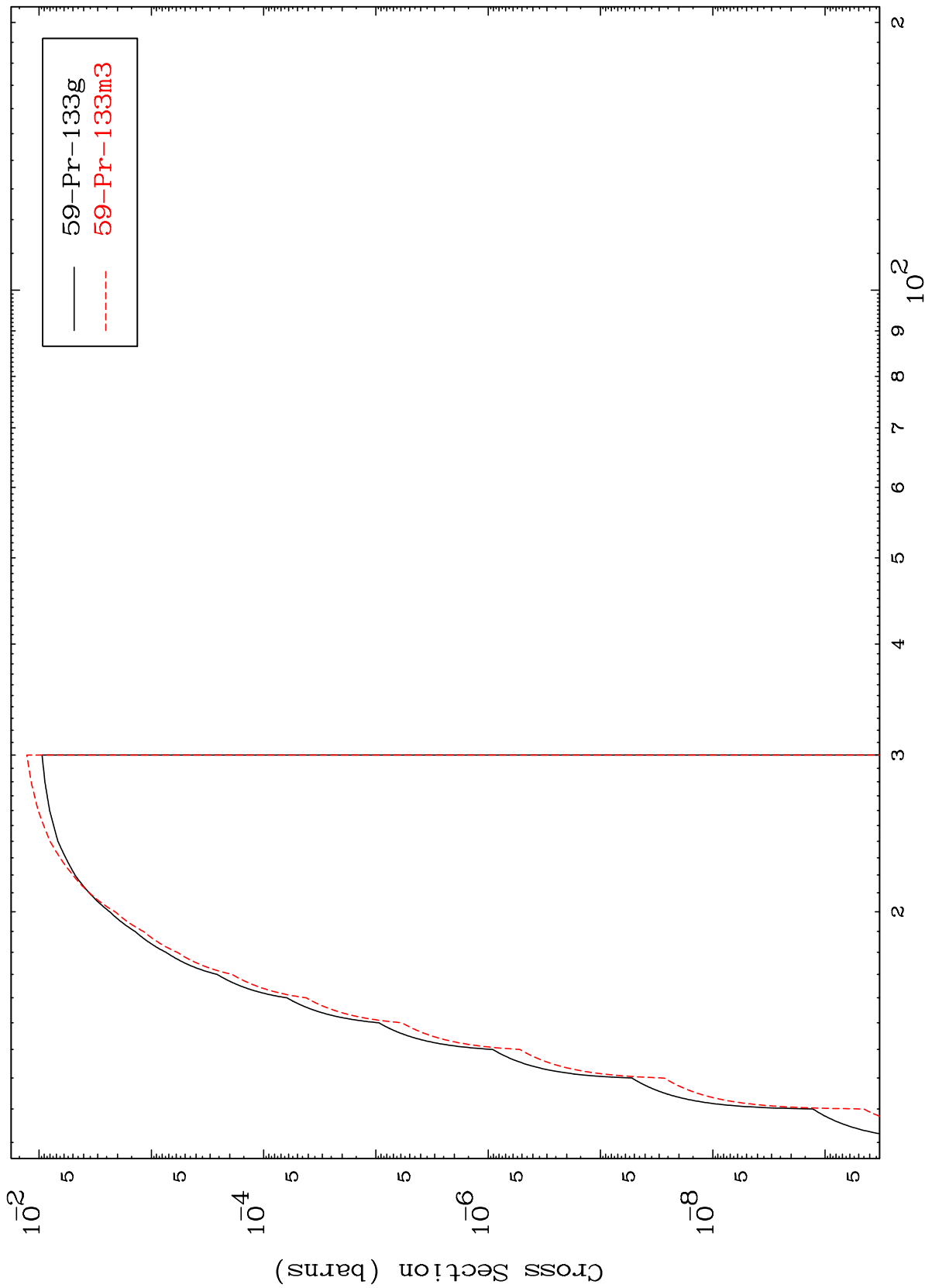
58-Ce-133

MAT 5816

(n,n') d

58-Ce-133

Radionuclide Production Cross Section



16

Incident Energy (MeV)

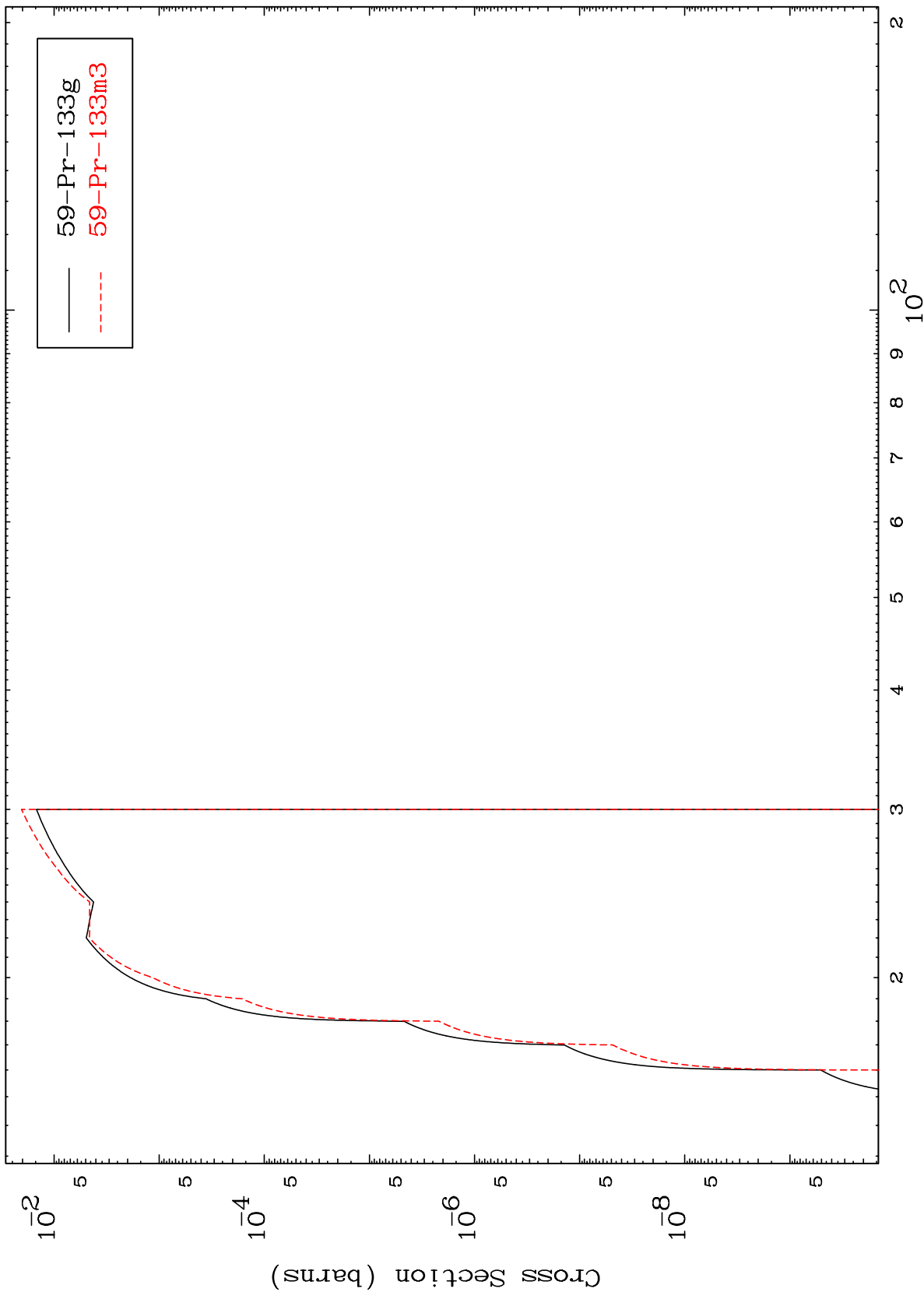
58-Ce-133

MAT 5816

(n,2n) p

58-Ce-133

Radionuclide Production Cross Section



17

Incident Energy (MeV)

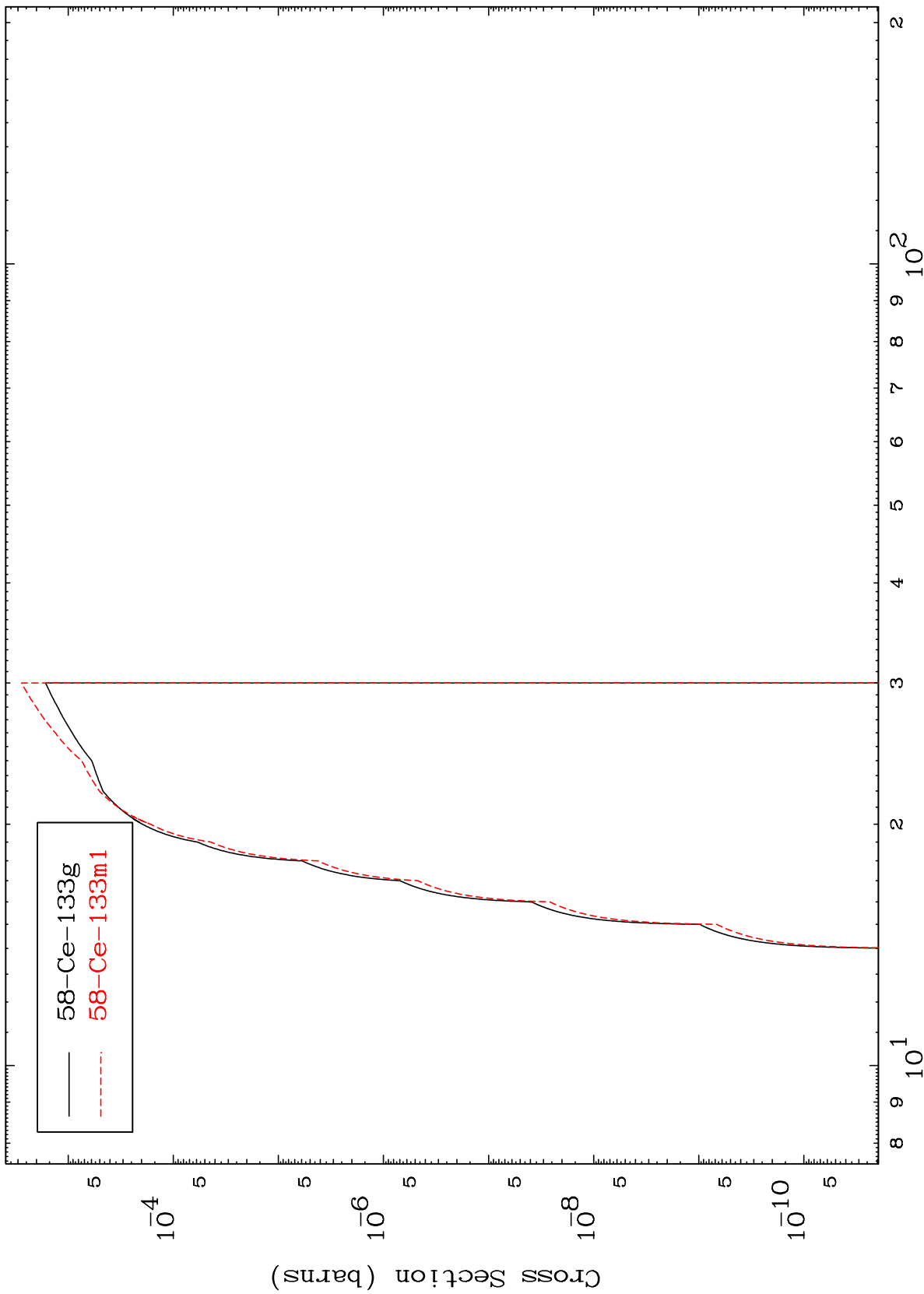
58-Ce-133

MAT 5816

(n,2n) p

58-Ce-133

Radionuclide Production Cross Section



18

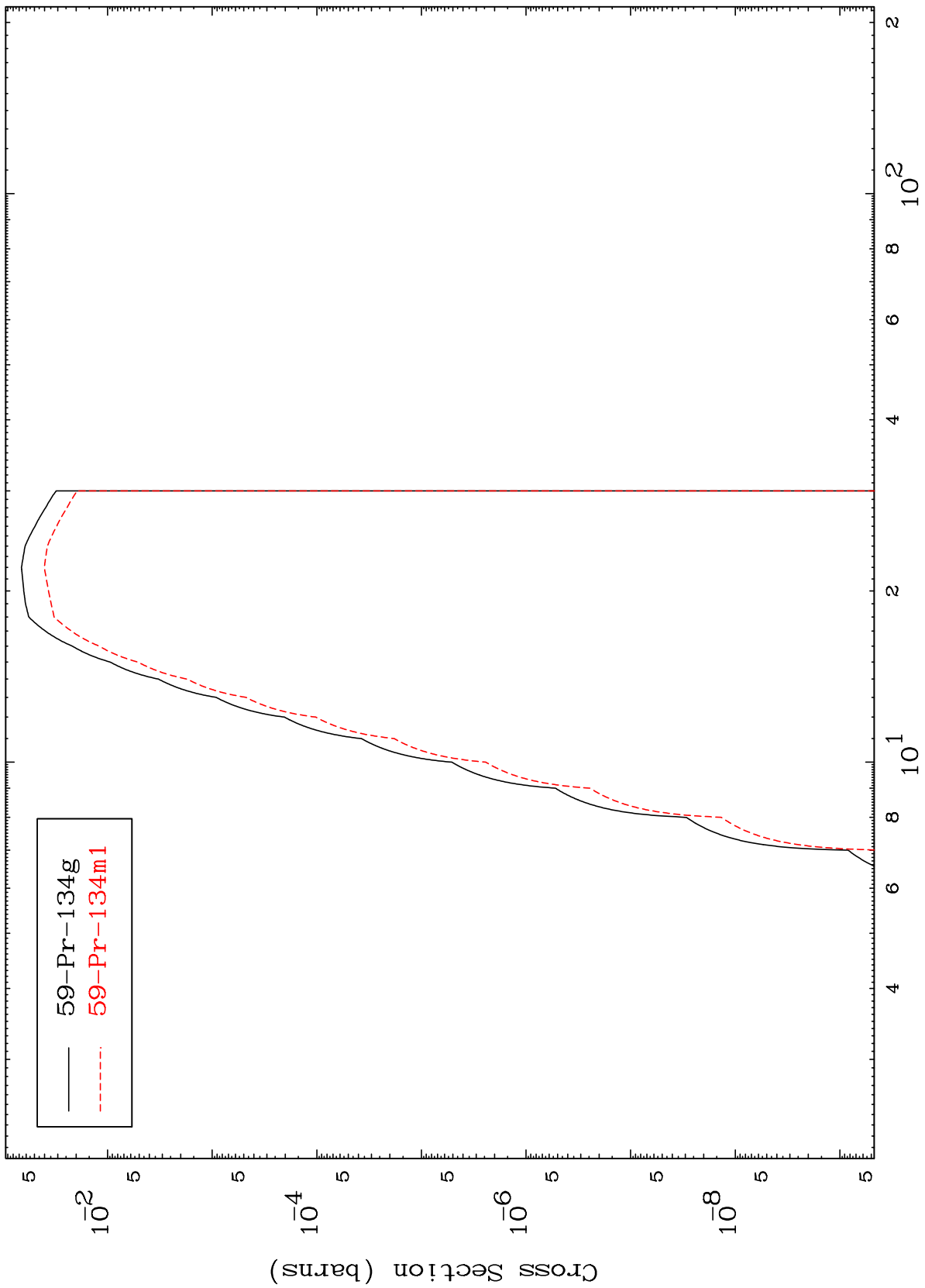
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

(n,d)
Radionuclide Production Cross Section

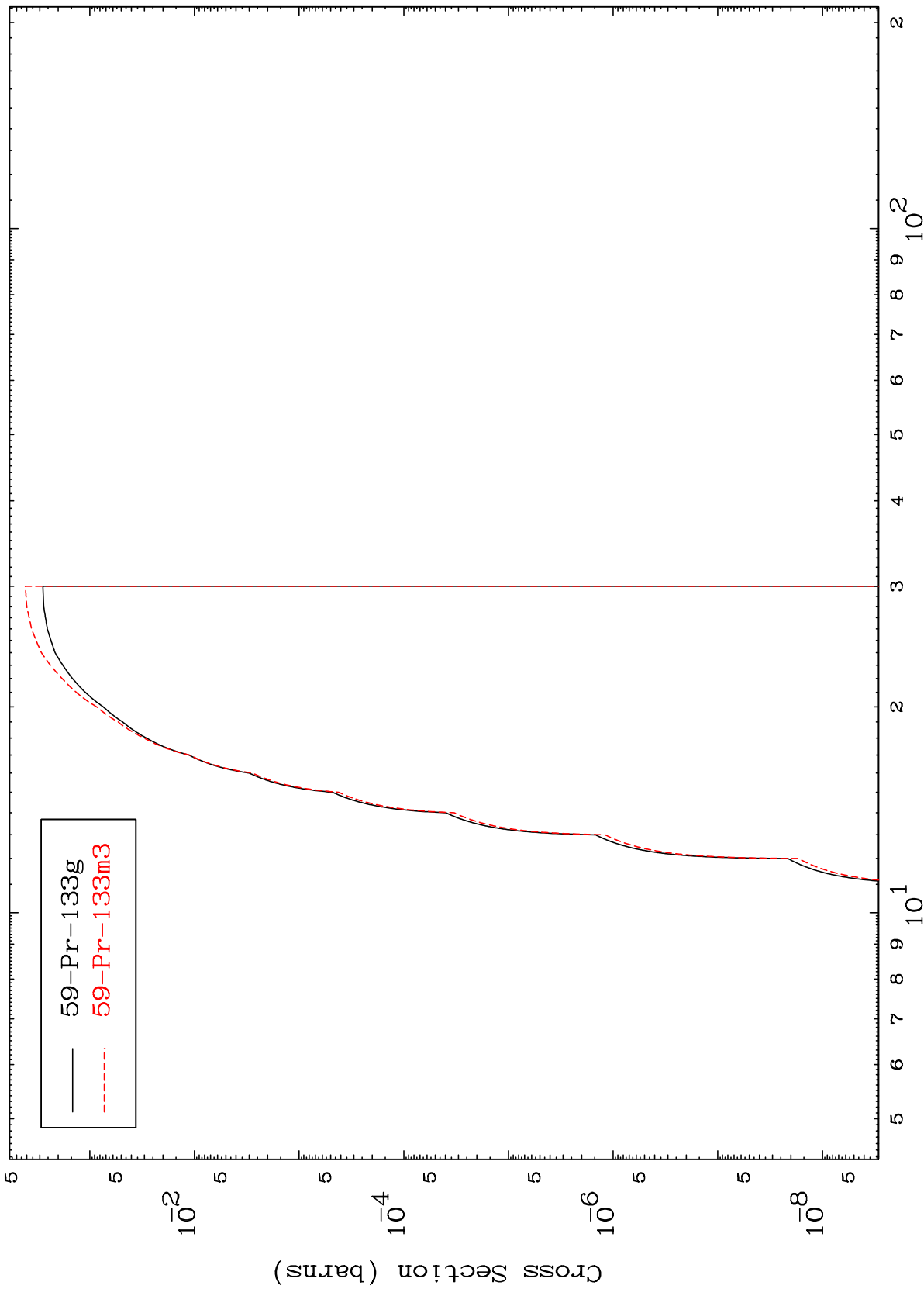


— 59-Pr-134g
- - - 59-Pr-134m1

MAT 5816

58-Ce-133

(n, t)
Radionuclide Production Cross Section



58-Ce-133

Incident Energy (MeV)

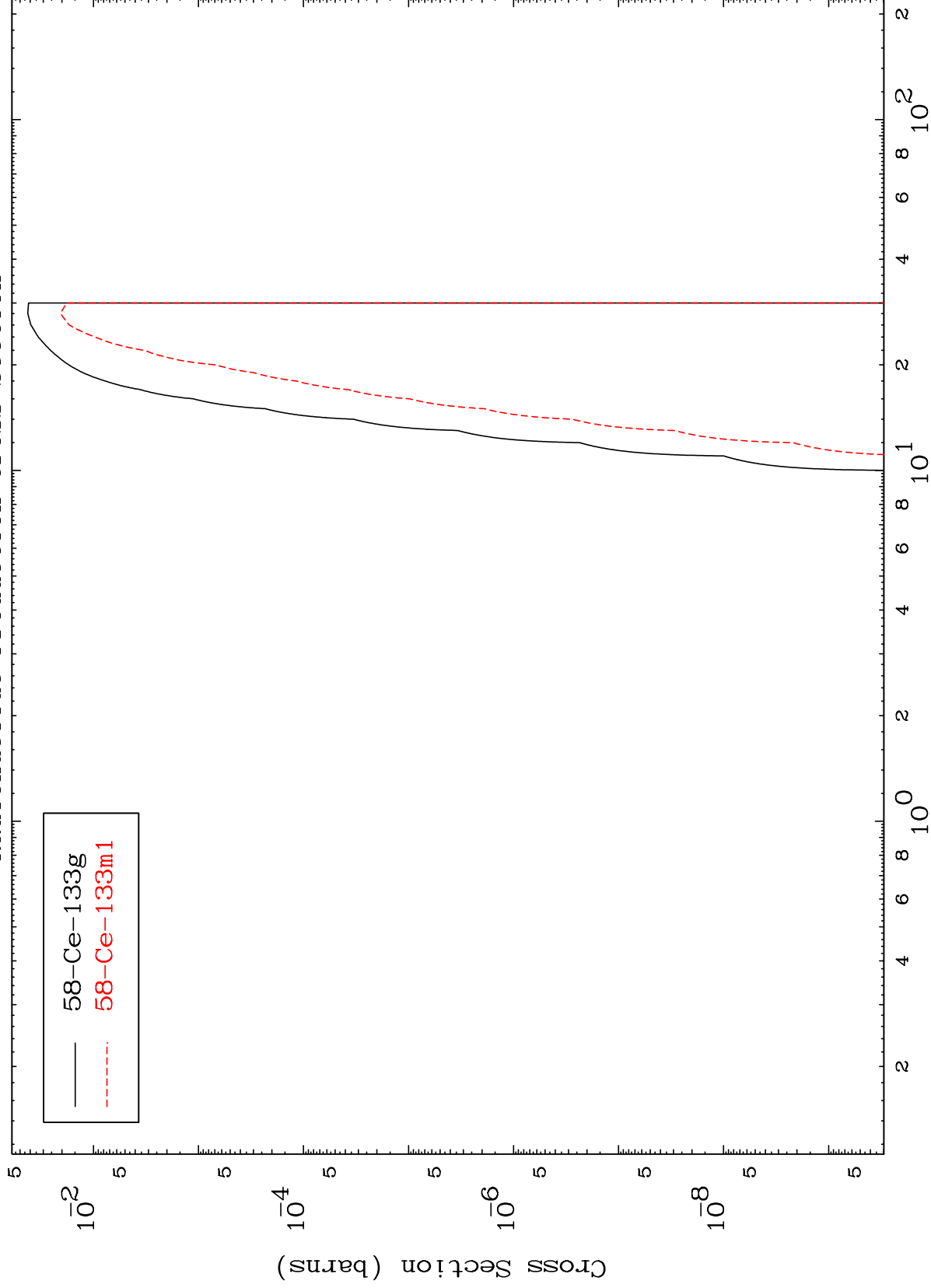
20

MAT 5816

(n,He-3)

58-Ce-133

Radionuclide Production Cross Section



MAT 5816

(n,p) d

58-Ce-133

Radionuclide Production Cross Section

