

Program EVALPLOT
(Version 2021-1)

by

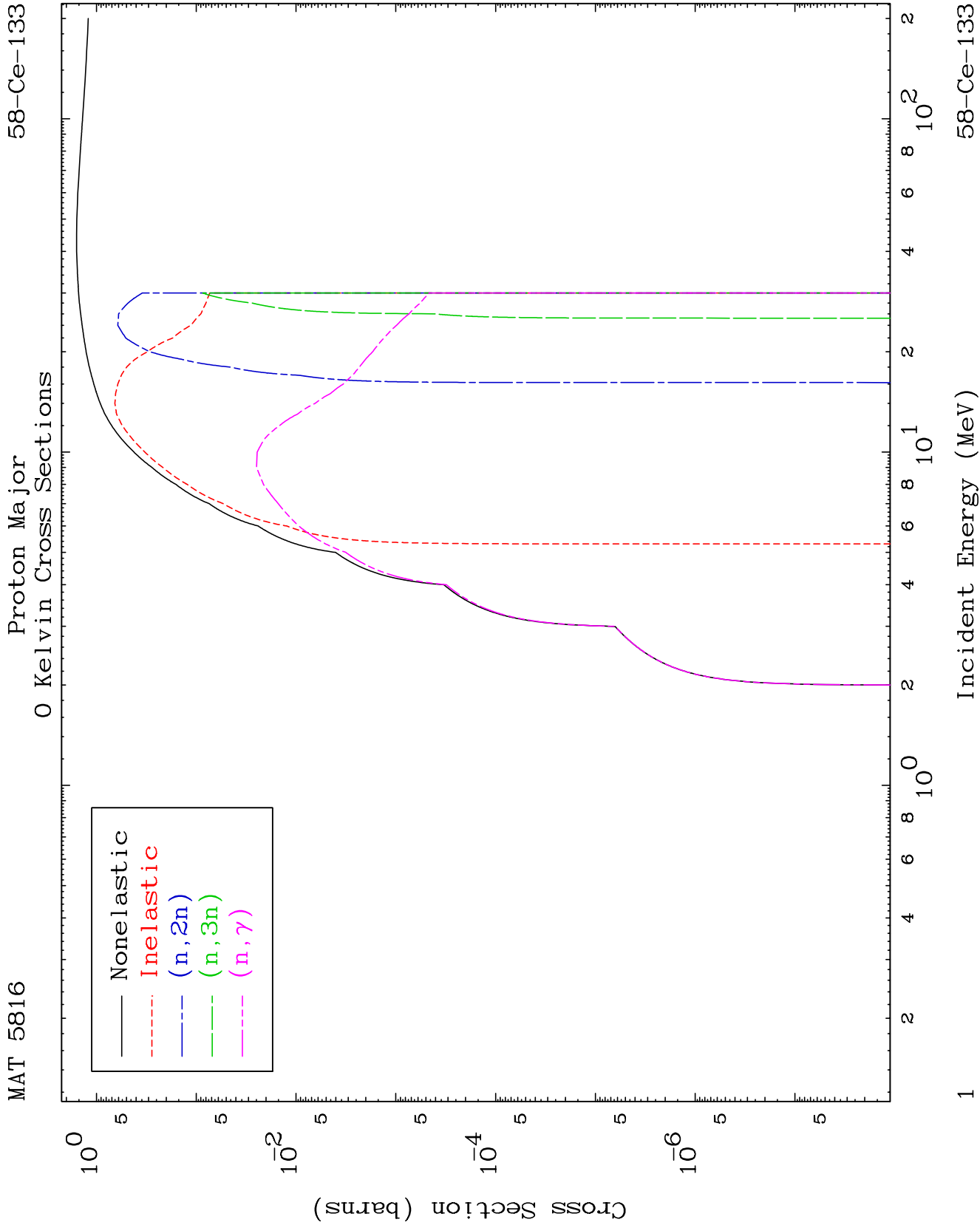
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

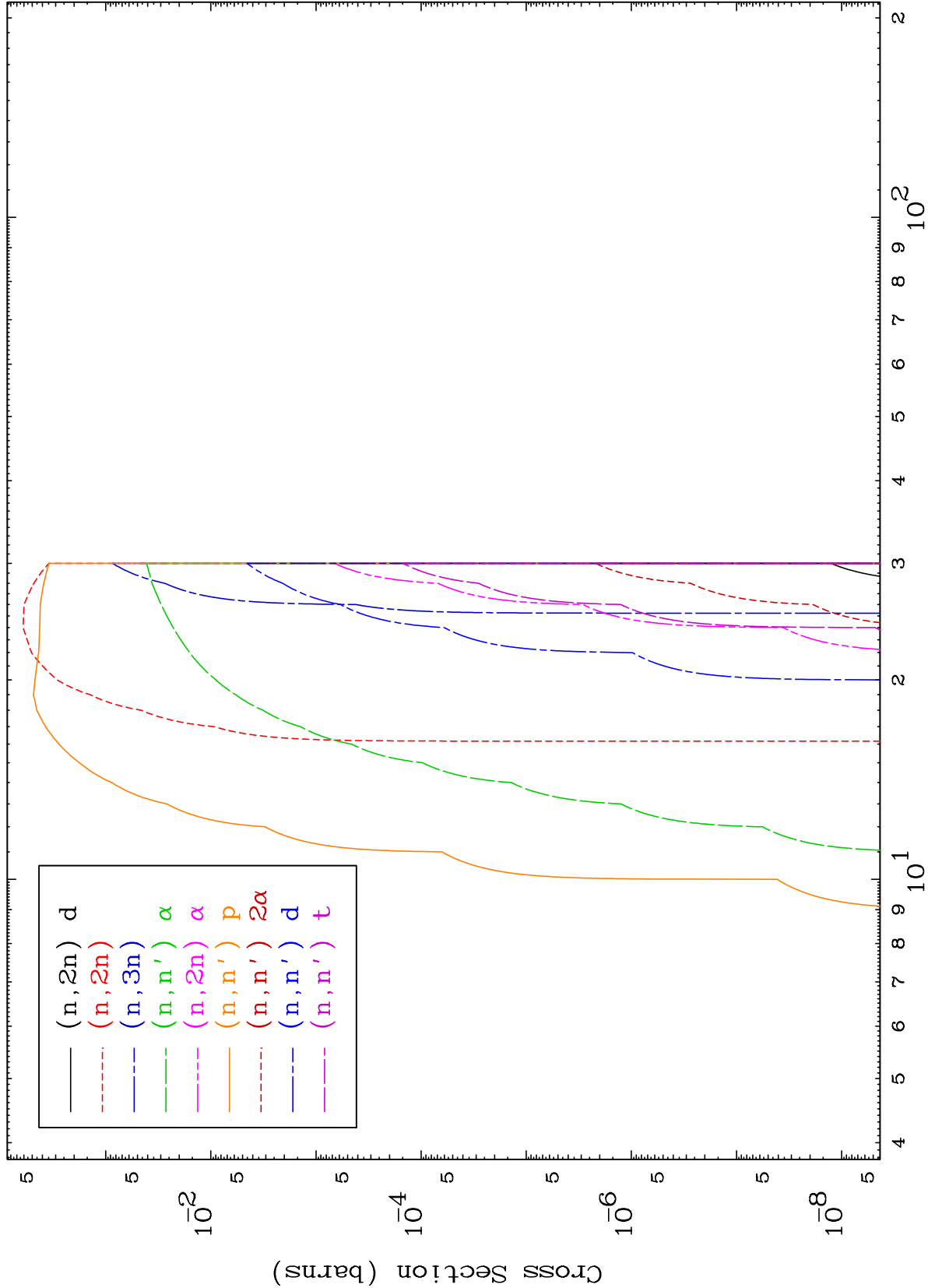
Press Mouse Button to Start



MAT 5816

Proton Neutron Absorption
0 Kelvin Cross Sections

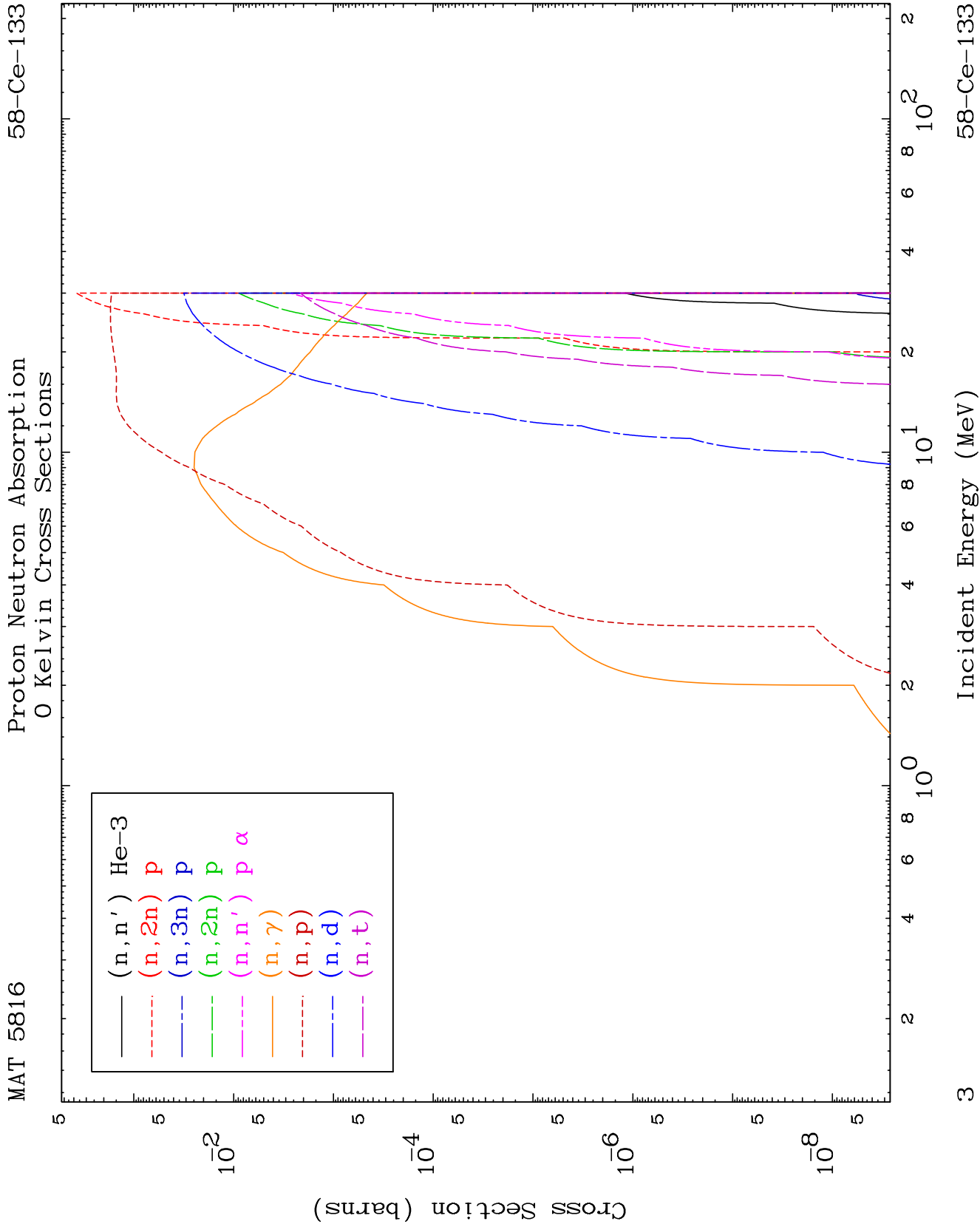
58-Ce-133

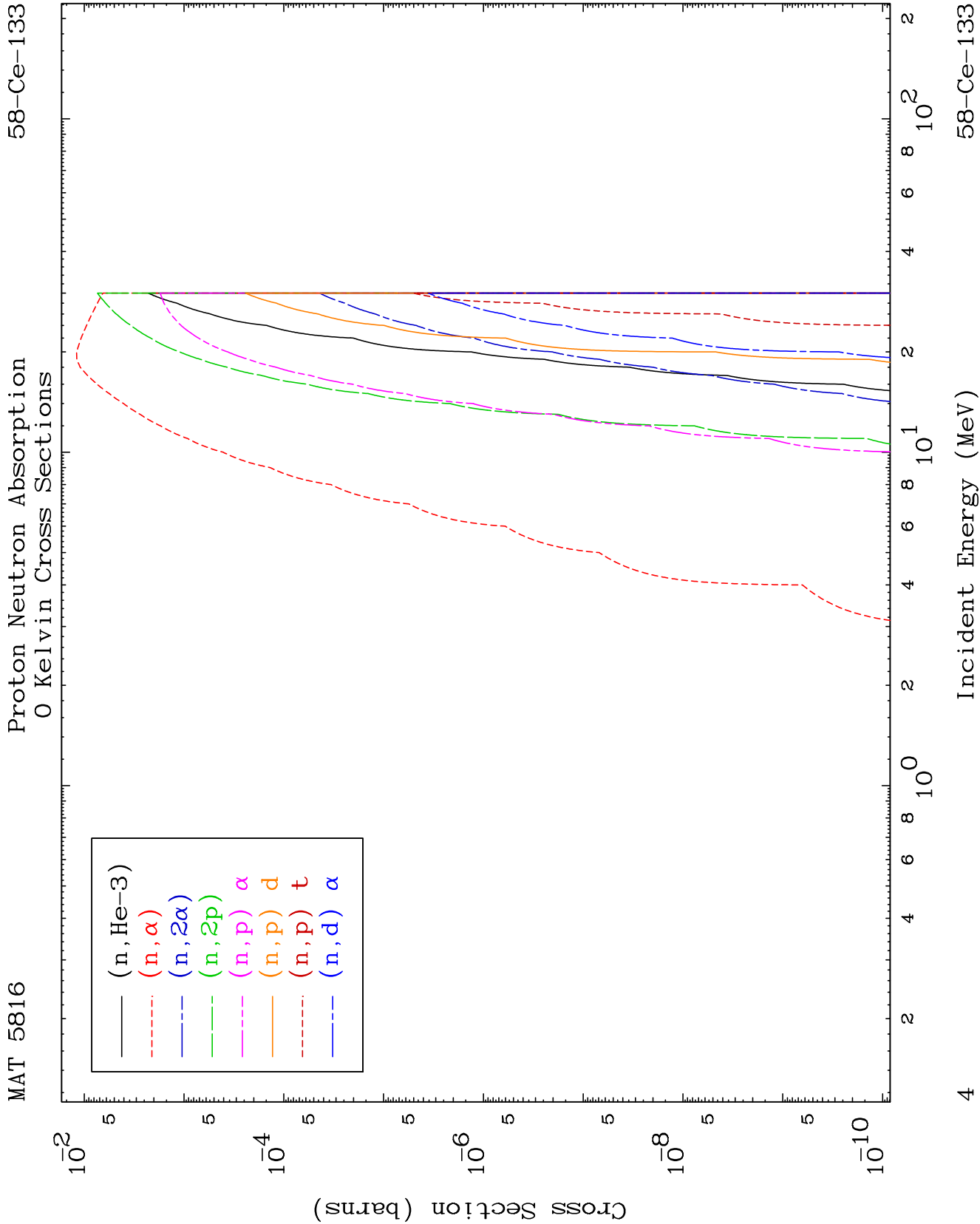


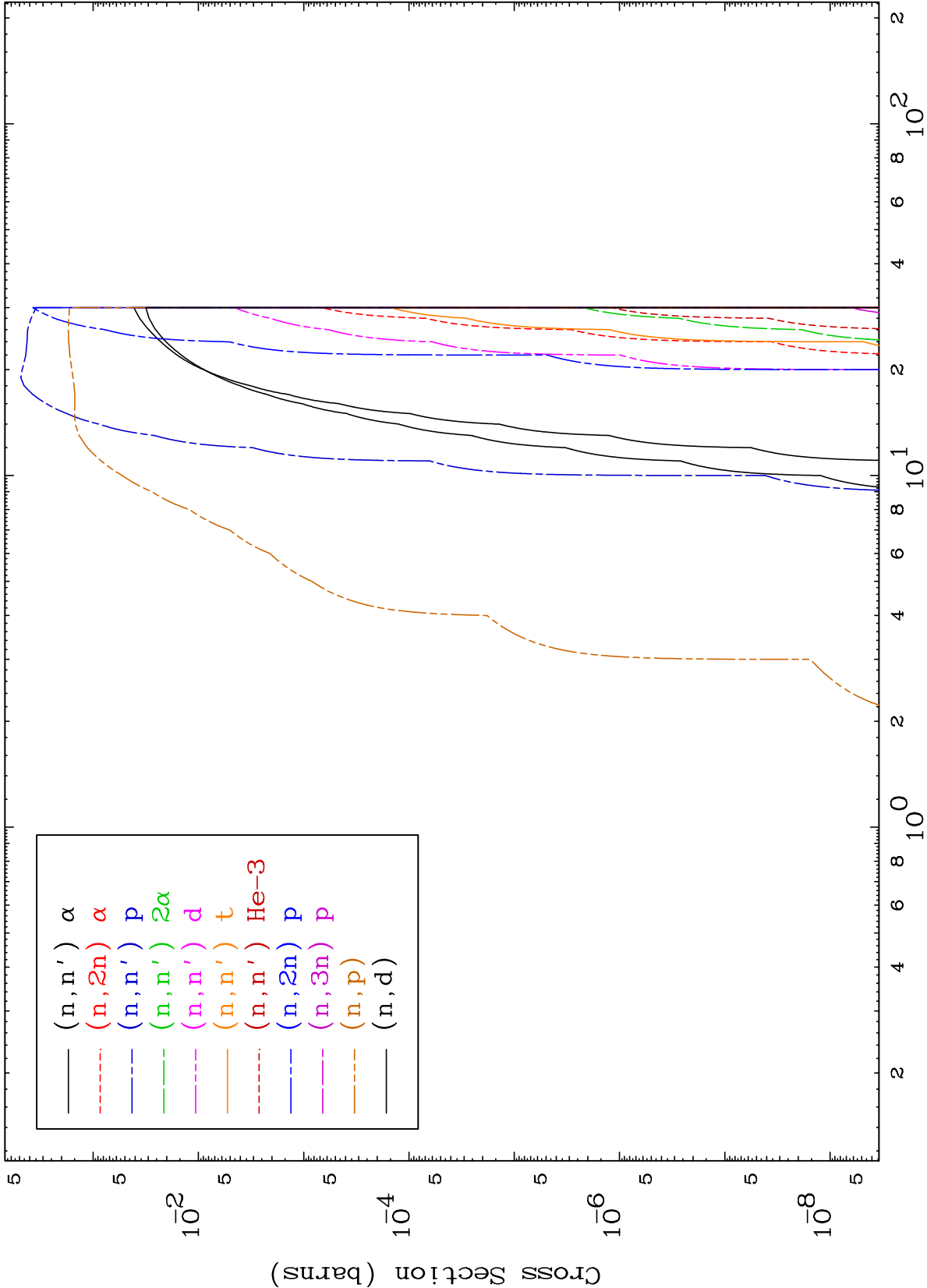
2

Incident Energy (MeV)

58-Ce-133



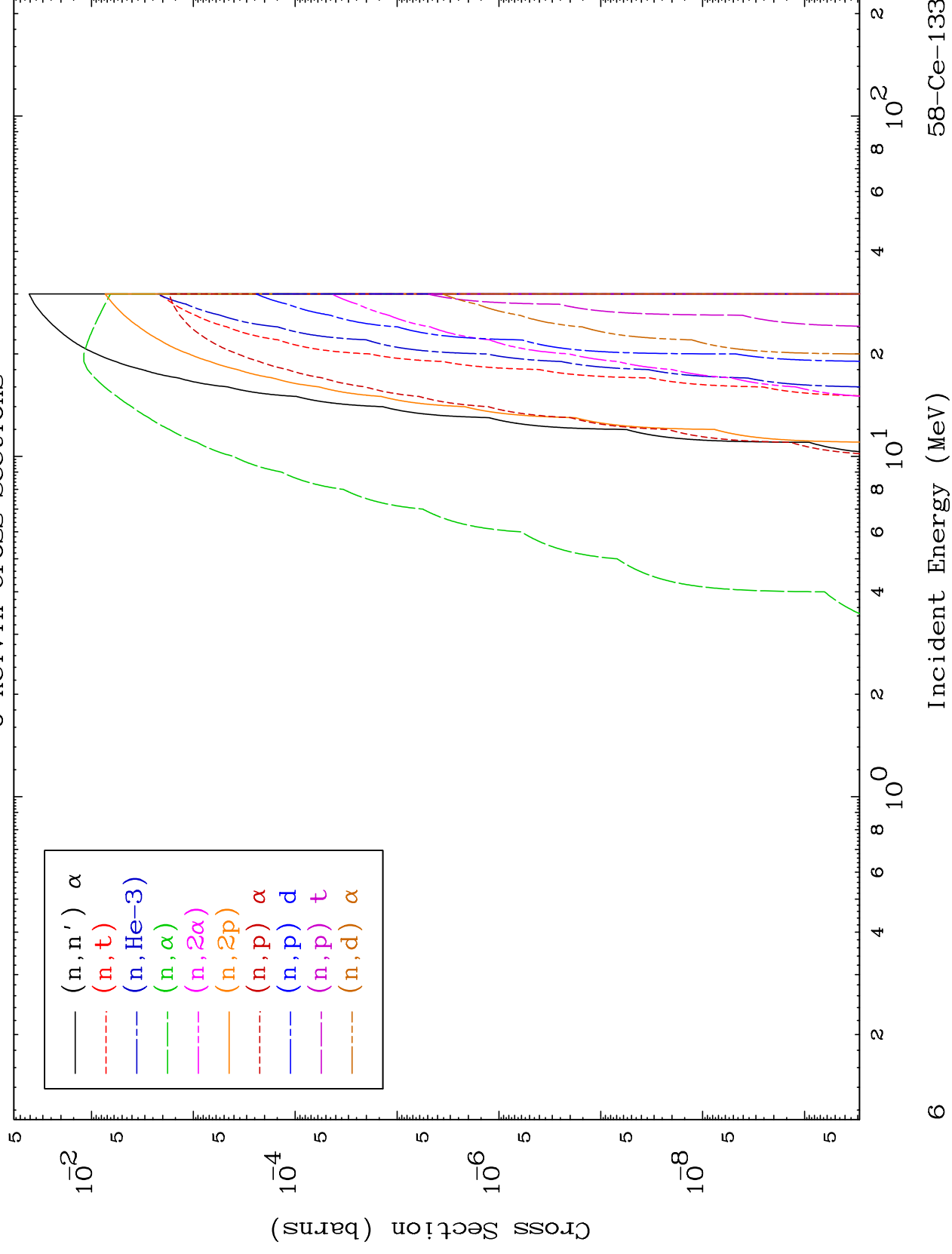




MAT 5816

Proton Charged Particle
0 Kelvin Cross Sections

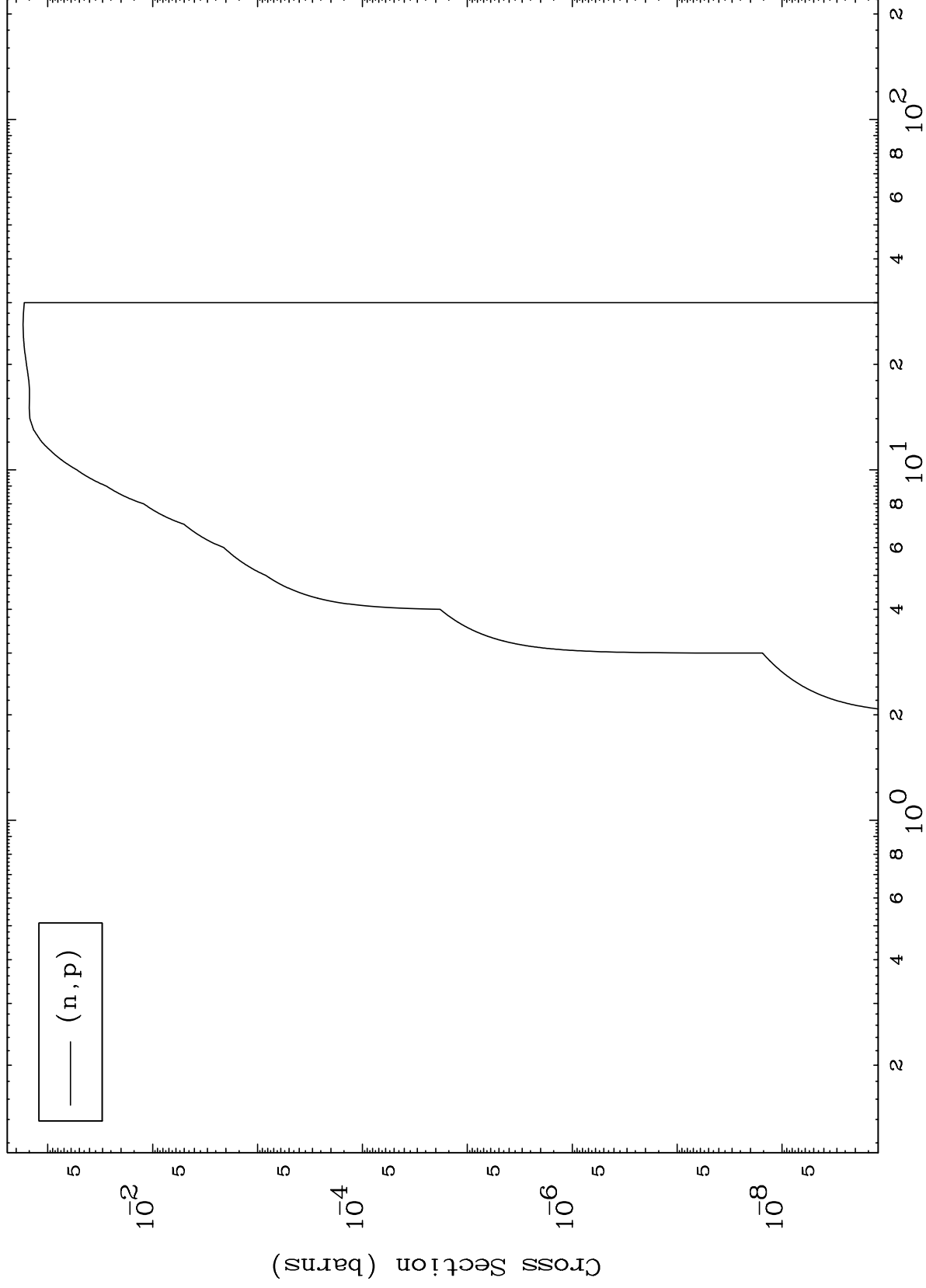
58-Ce-133



MAT 5816

58-Ce-133

(p,p) Levels
0 Kelvin Cross Sections



7

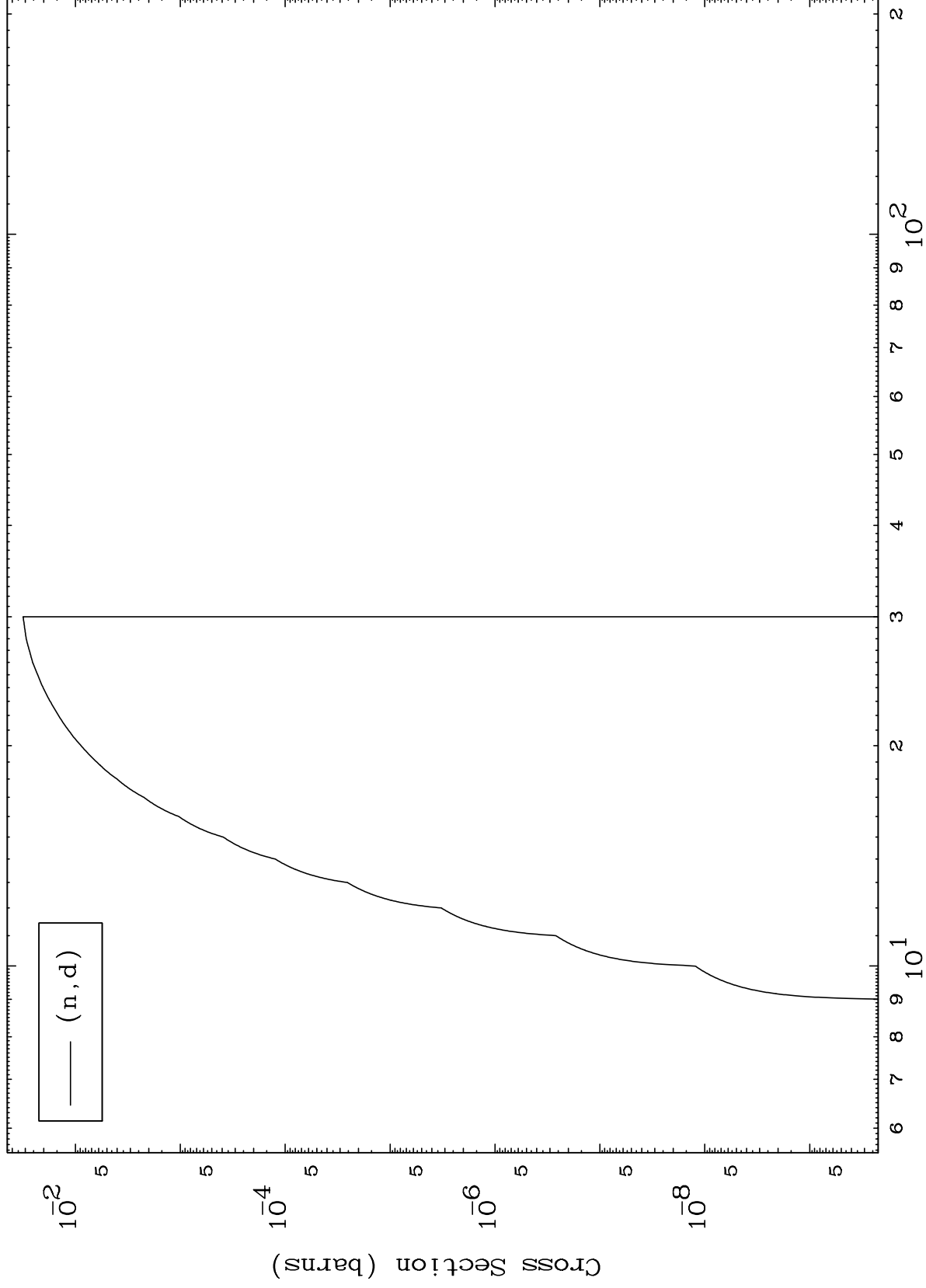
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

(p,d) Levels
0 Kelvin Cross Sections



58-Ce-133

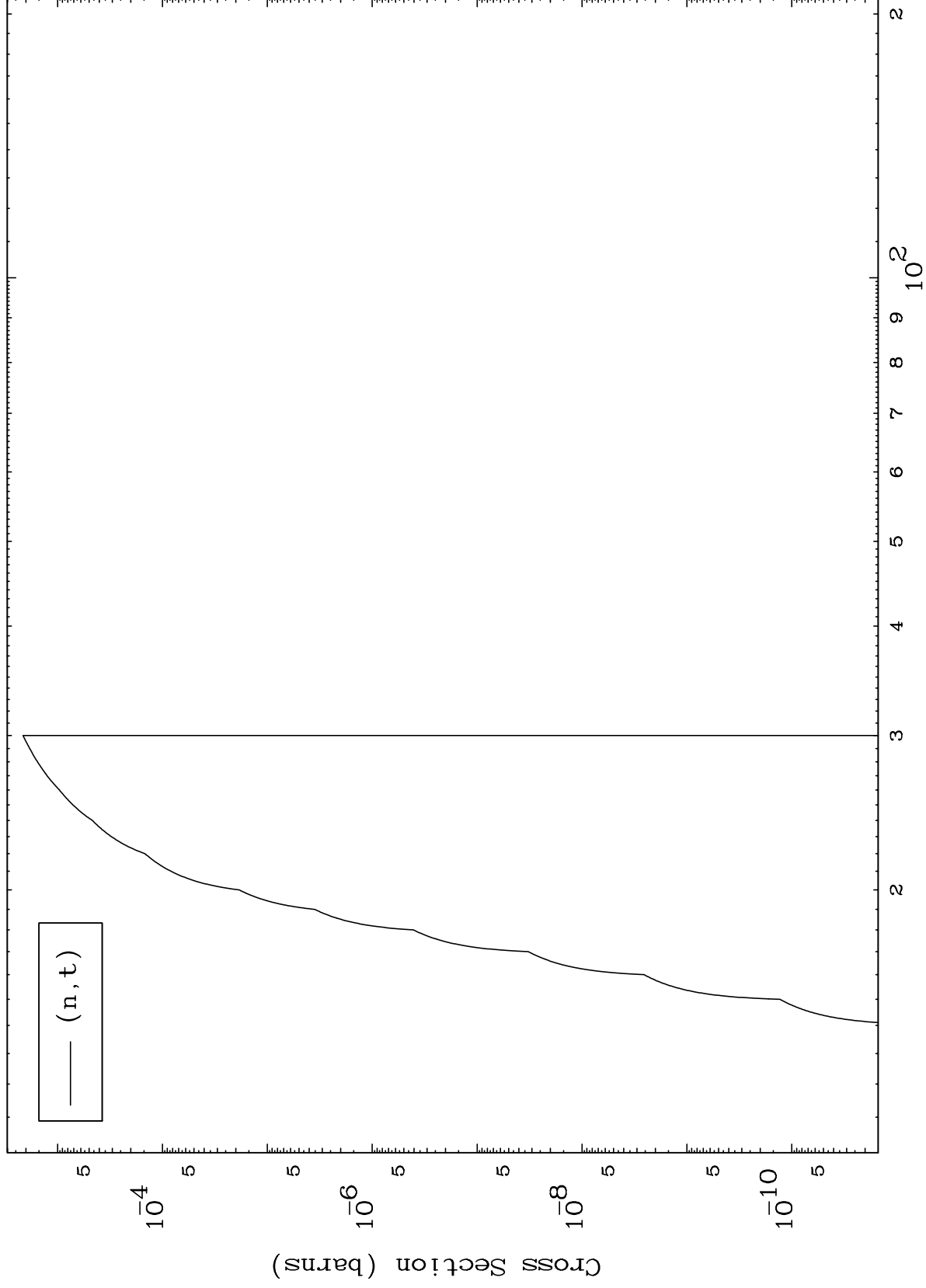
Incident Energy (MeV)

8

MAT 5816

58-Ce-133

(p,t) Levels
0 Kelvin Cross Sections



9

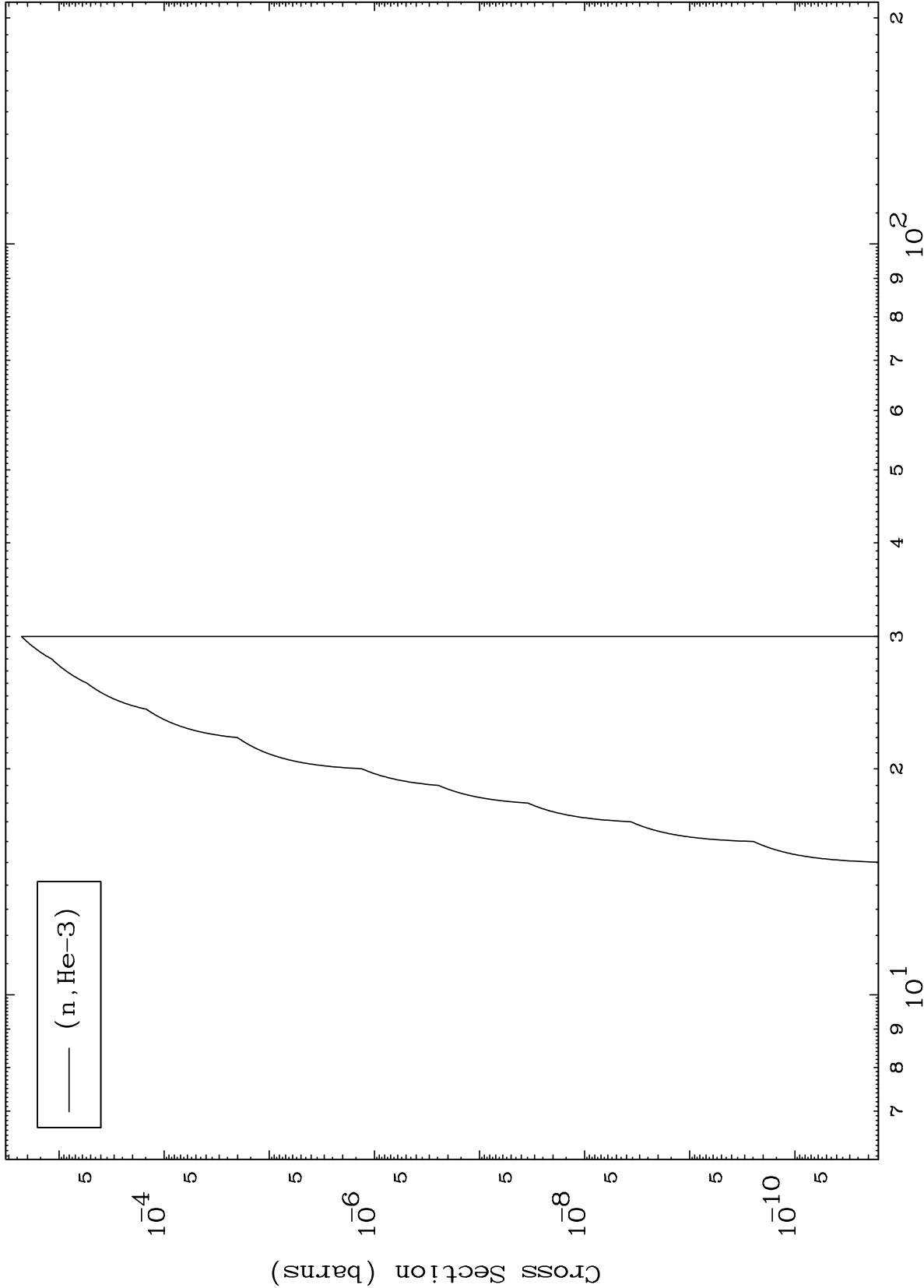
58-Ce-133

MAT 5816

(p,He3) Levels

58-Ce-133

0 Kelvin Cross Sections

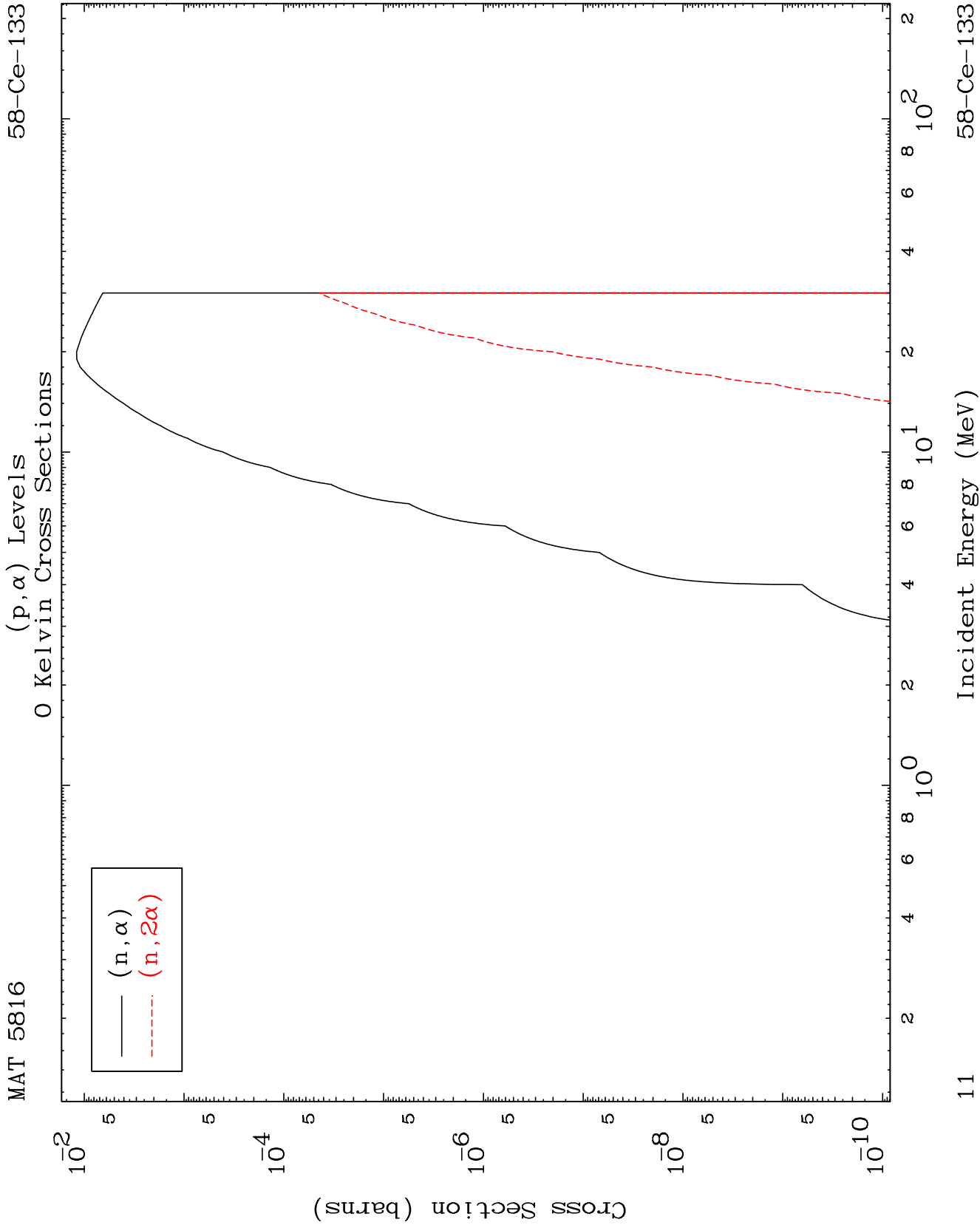


— (n, He-3)

10

Incident Energy (MeV)

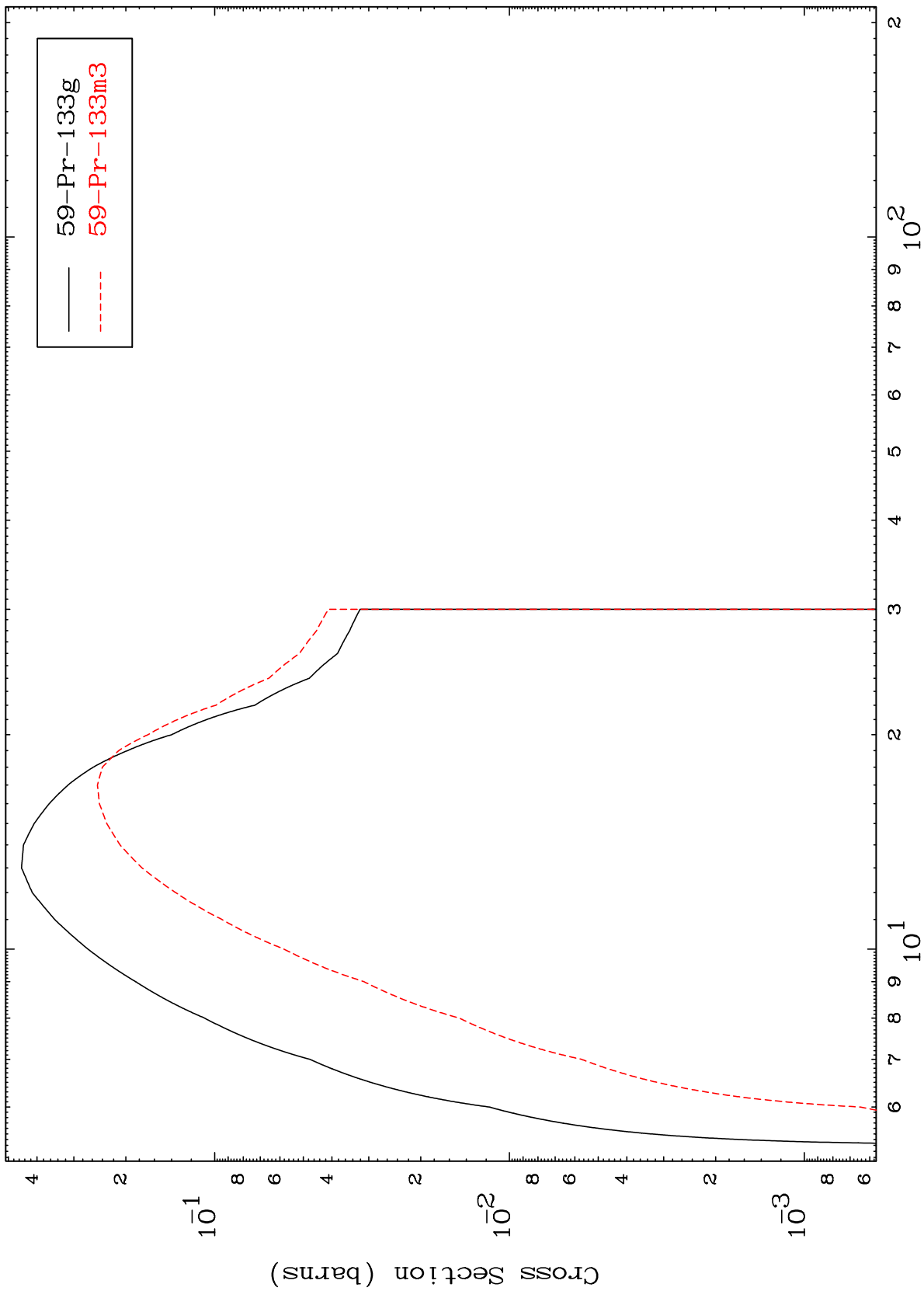
58-Ce-133



MAT 5816

58-Ce-133

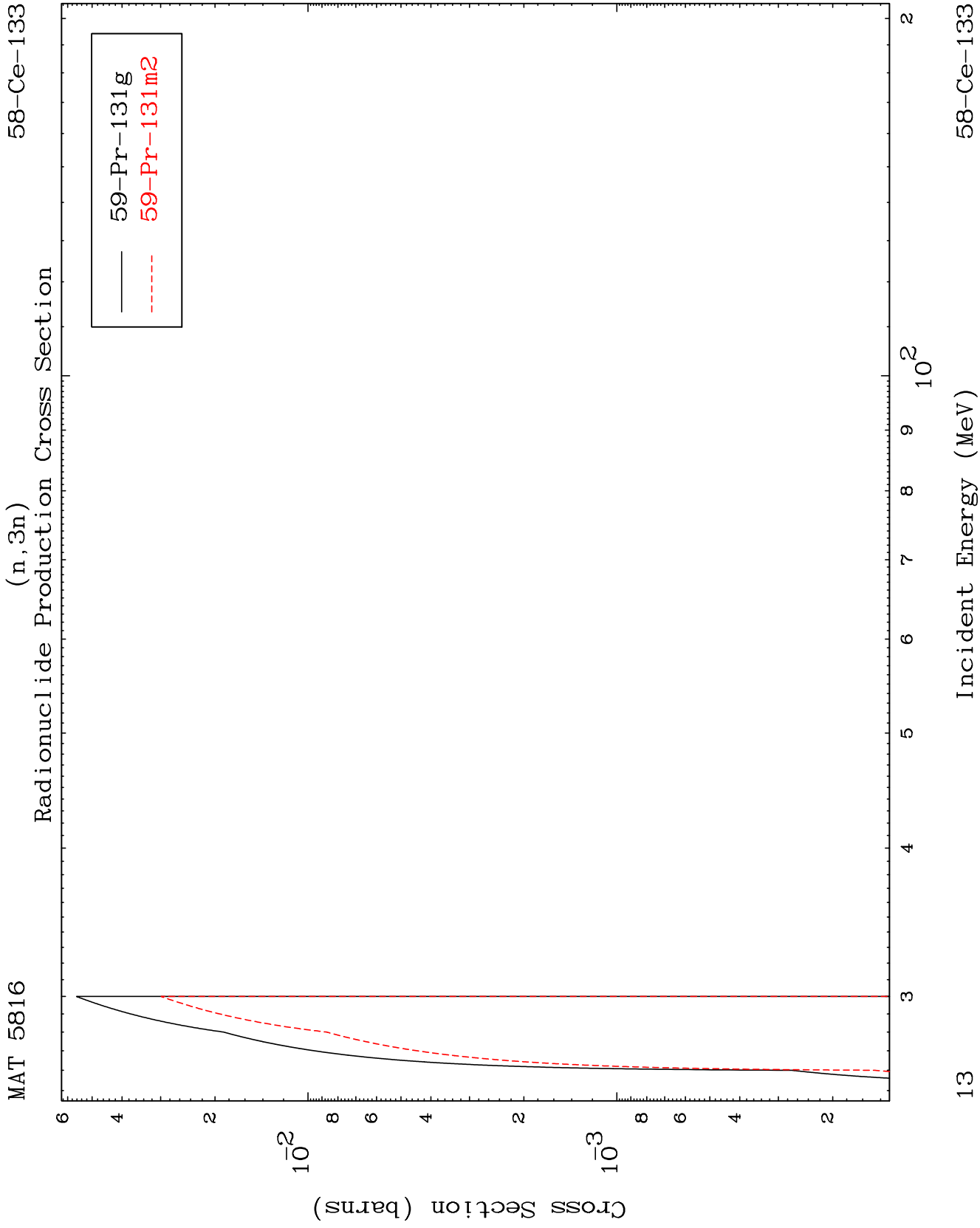
Inelastic
Radionuclide Production Cross Section



58-Ce-133

Incident Energy (MeV)

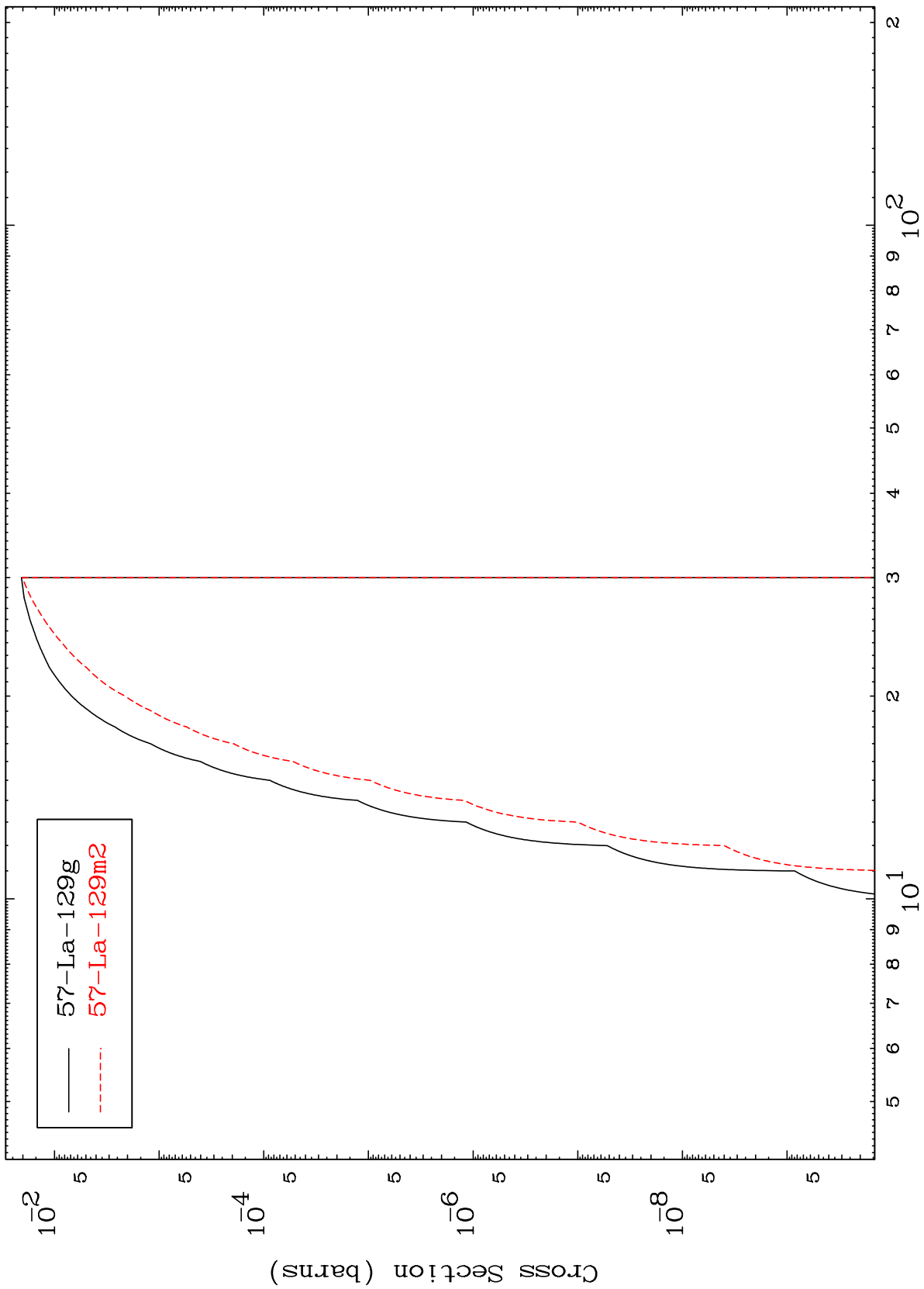
12



MAT 5816

58-Ce-133

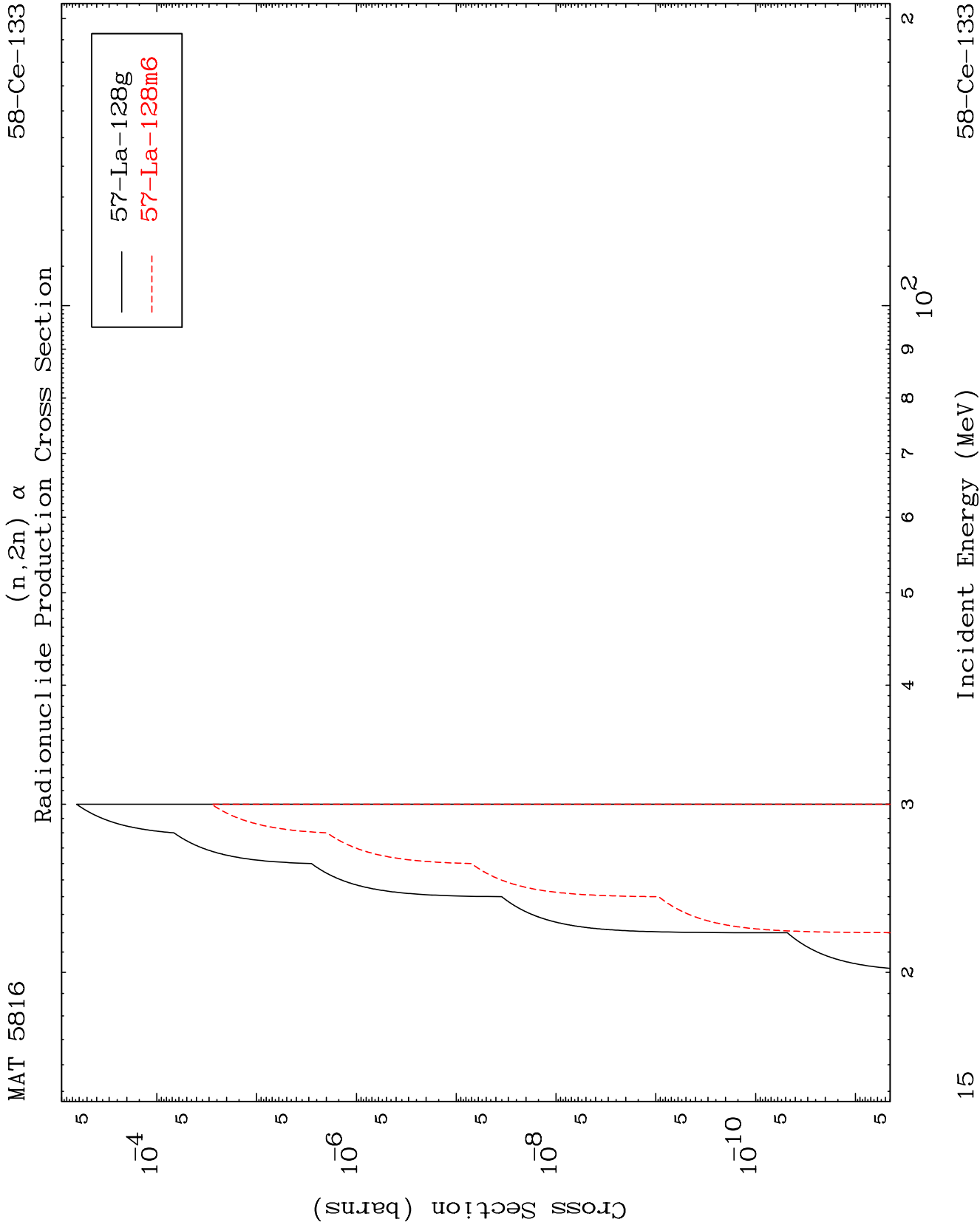
Radionuclide Production Cross Section
(n,n') α



14

Incident Energy (MeV)

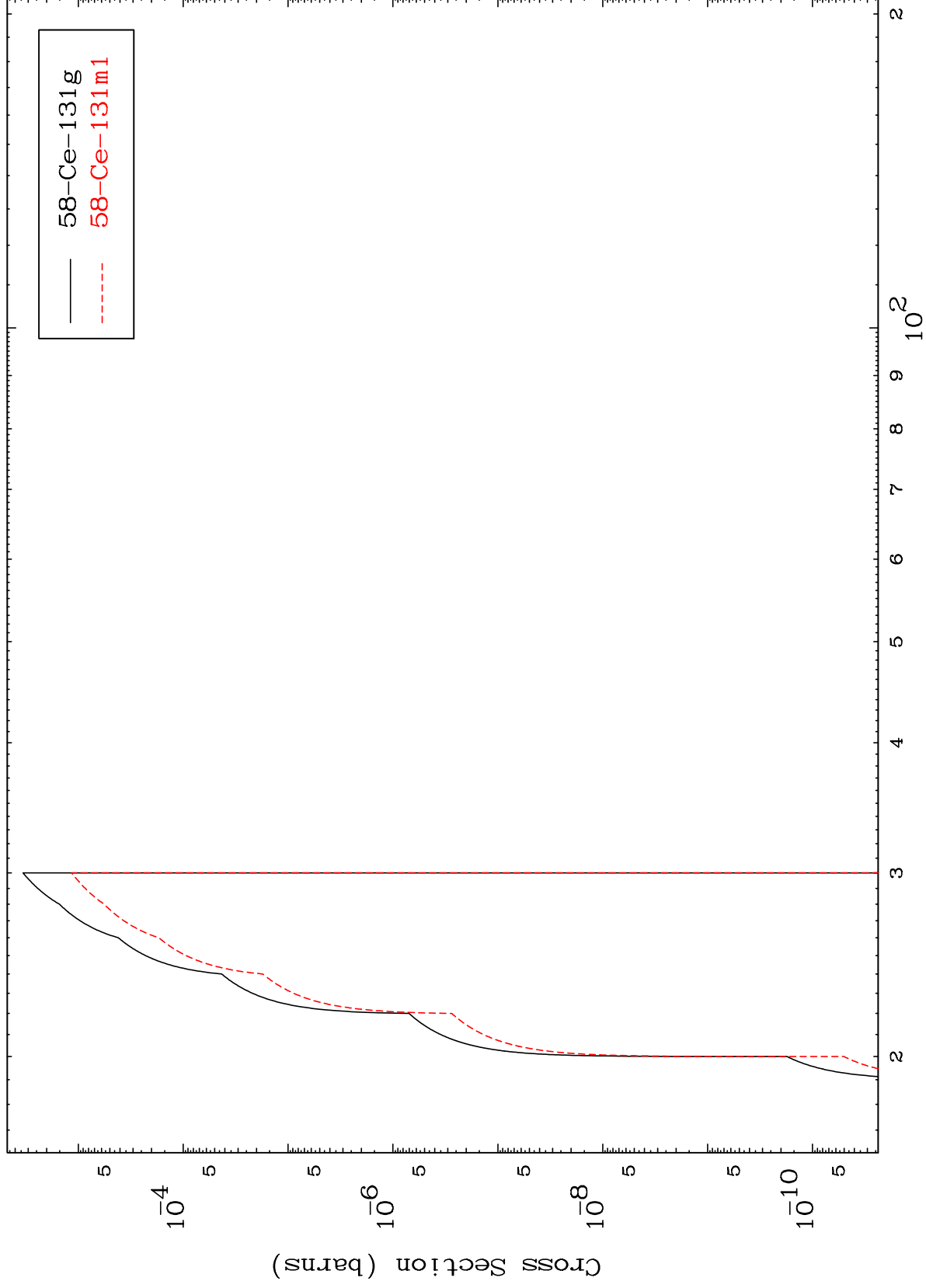
58-Ce-133



MAT 5816

58-Ce-133

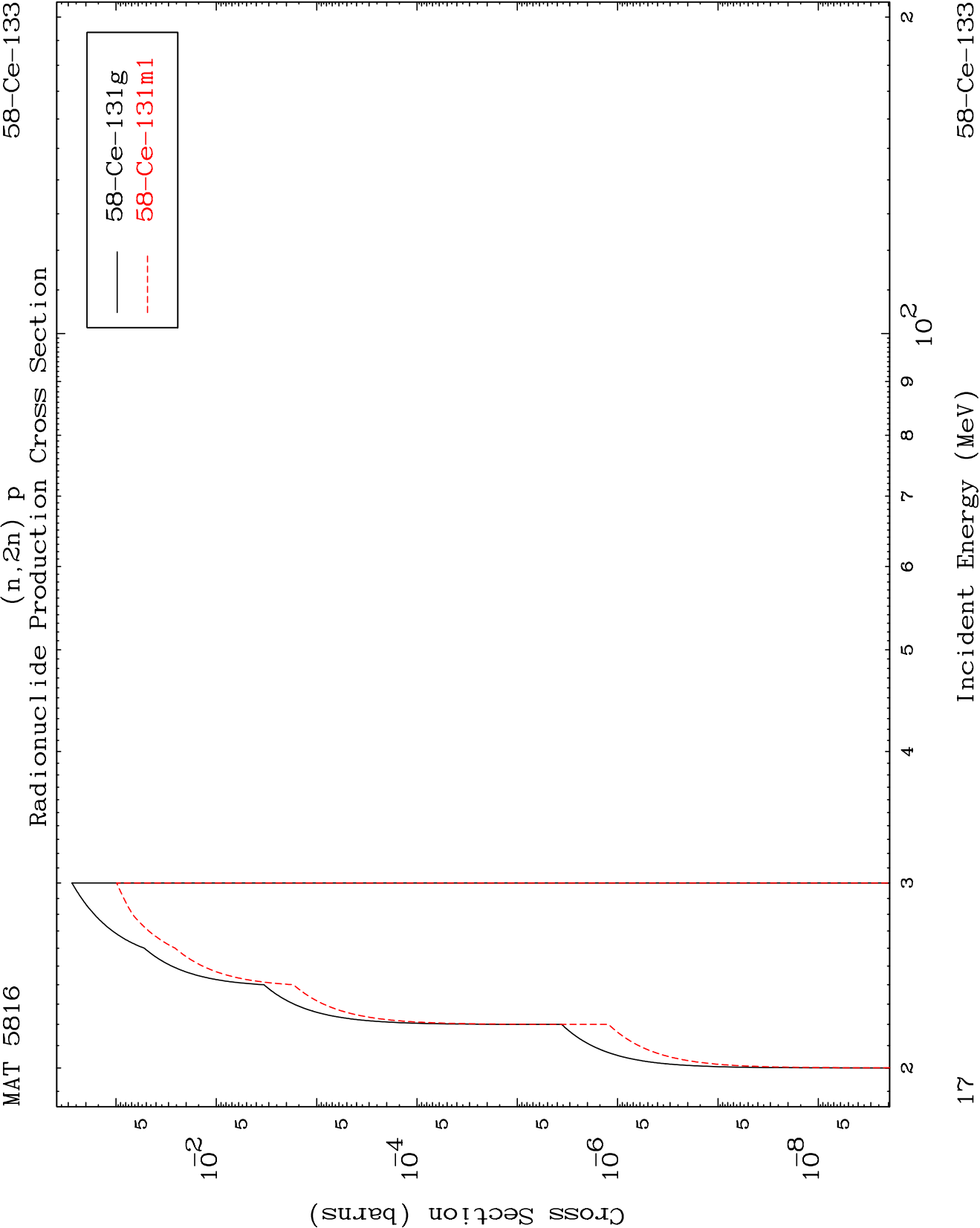
(n,n') d
Radionuclide Production Cross Section



16

Incident Energy (MeV)

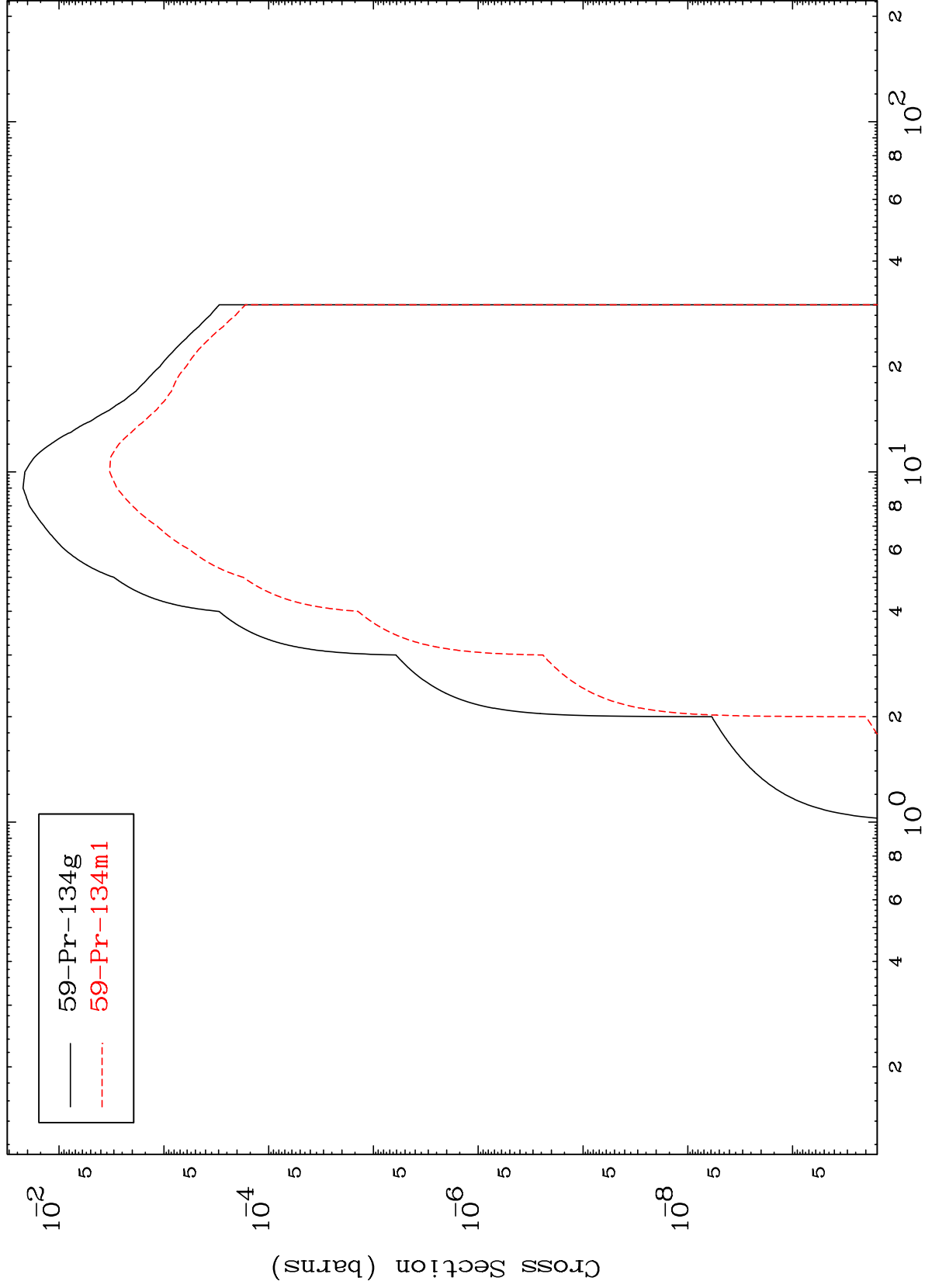
58-Ce-133



MAT 5816

58-Ce-133

Radionuclide Production Cross Section



18

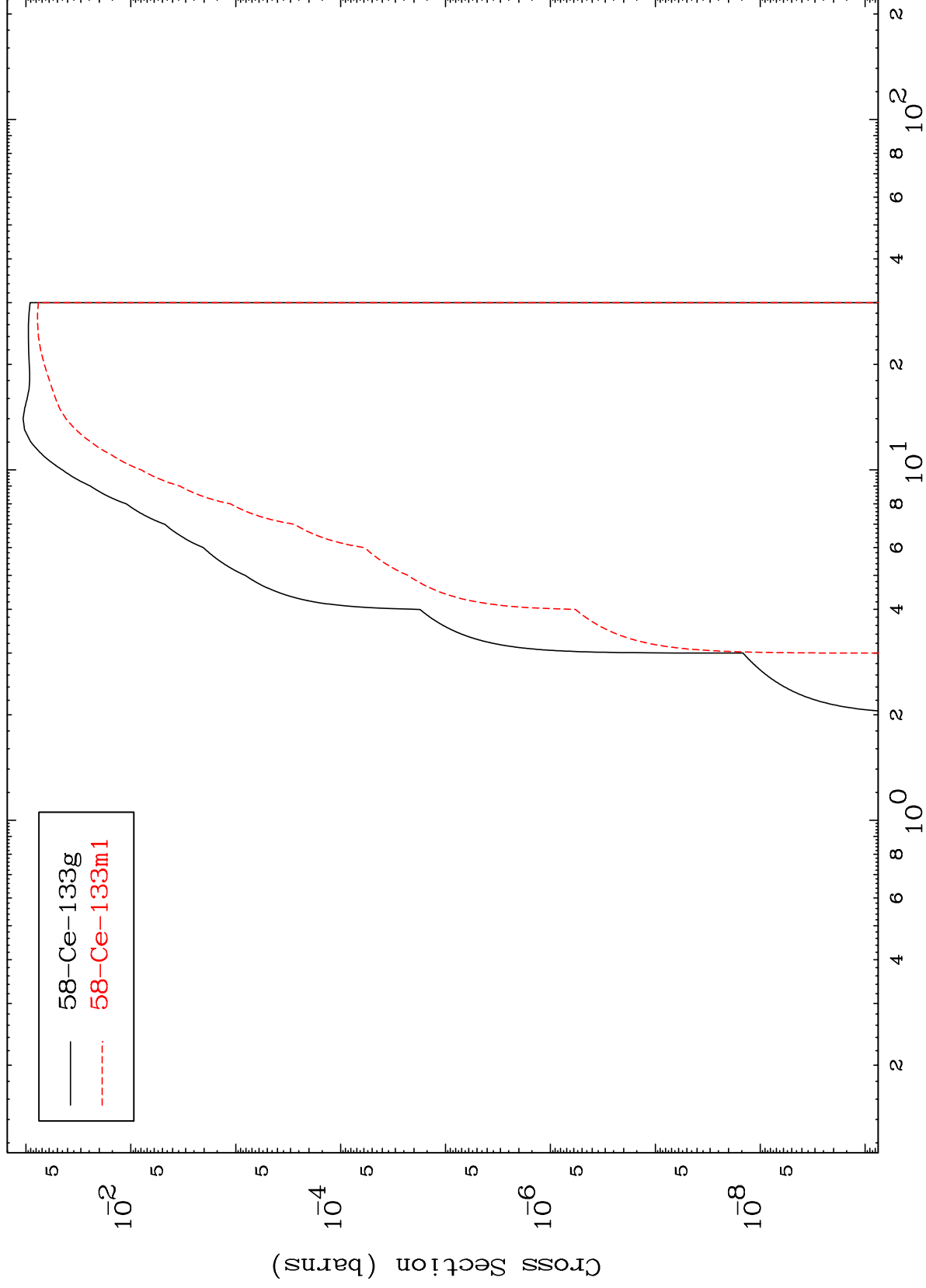
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

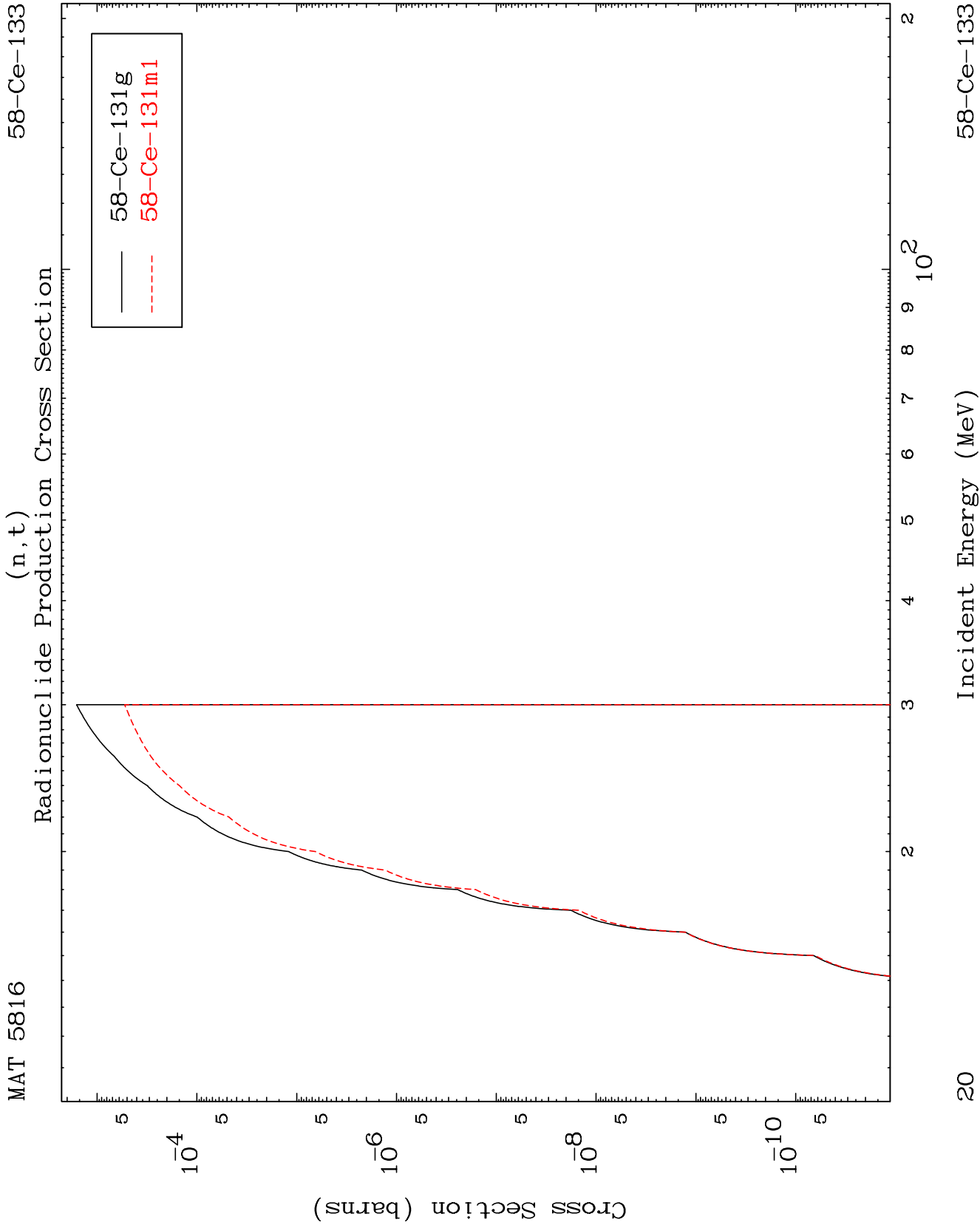
(n,p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

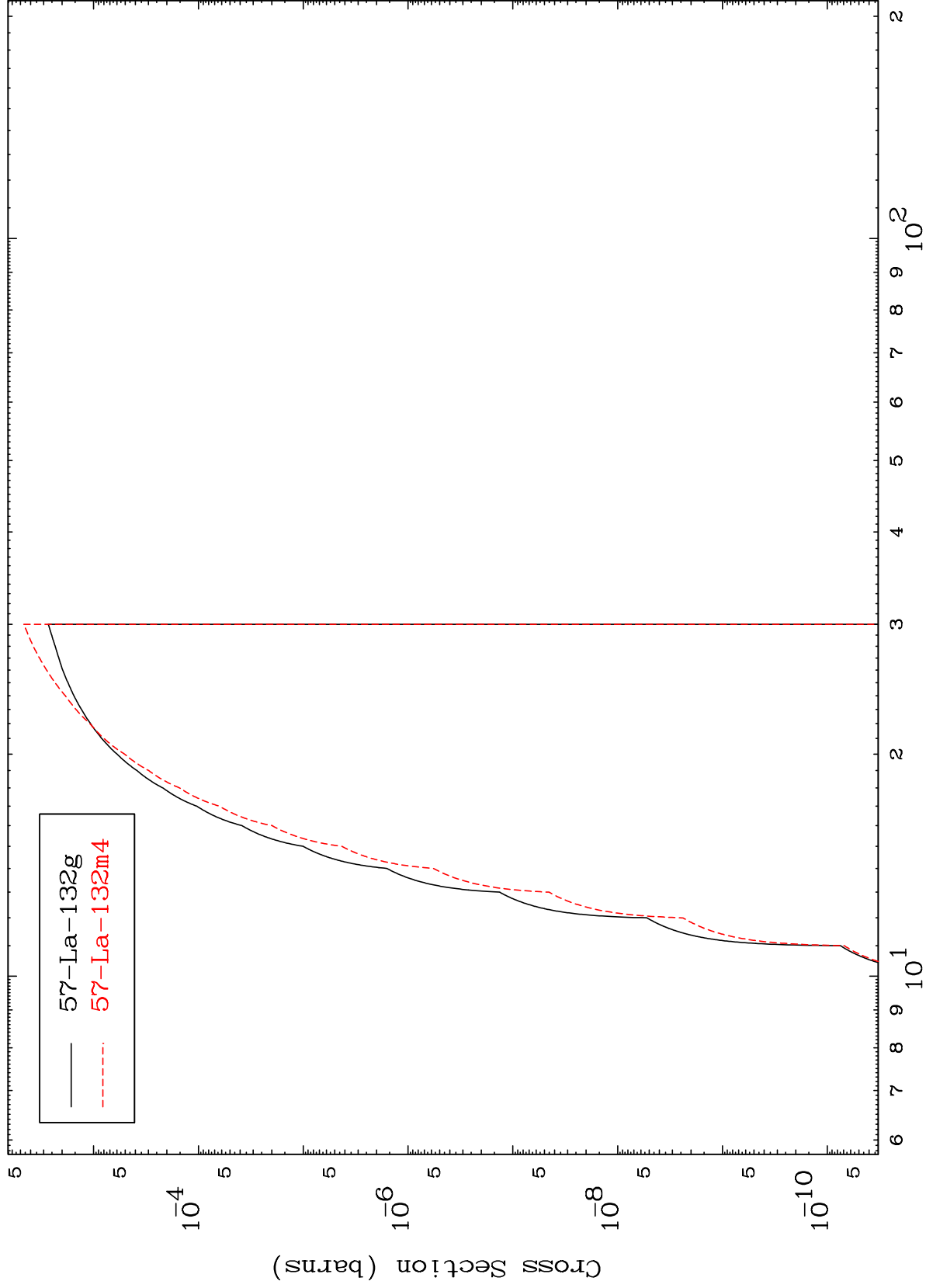
58-Ce-133



MAT 5816

58-Ce-133

Radionuclide Production Cross Section
(n,2p)



21

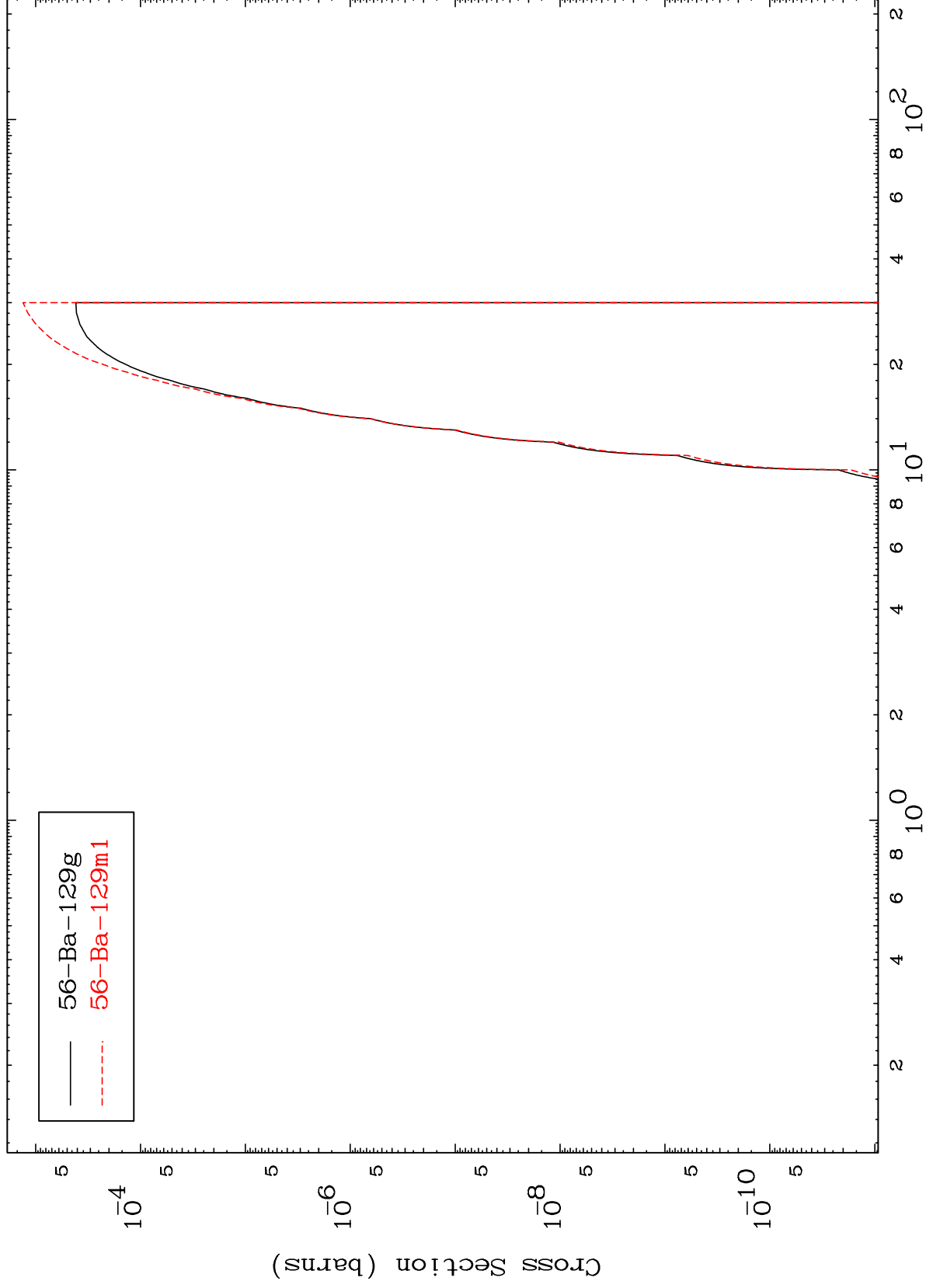
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

(n,p) α
Radionuclide Production Cross Section



22

Incident Energy (MeV)

58-Ce-133