

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

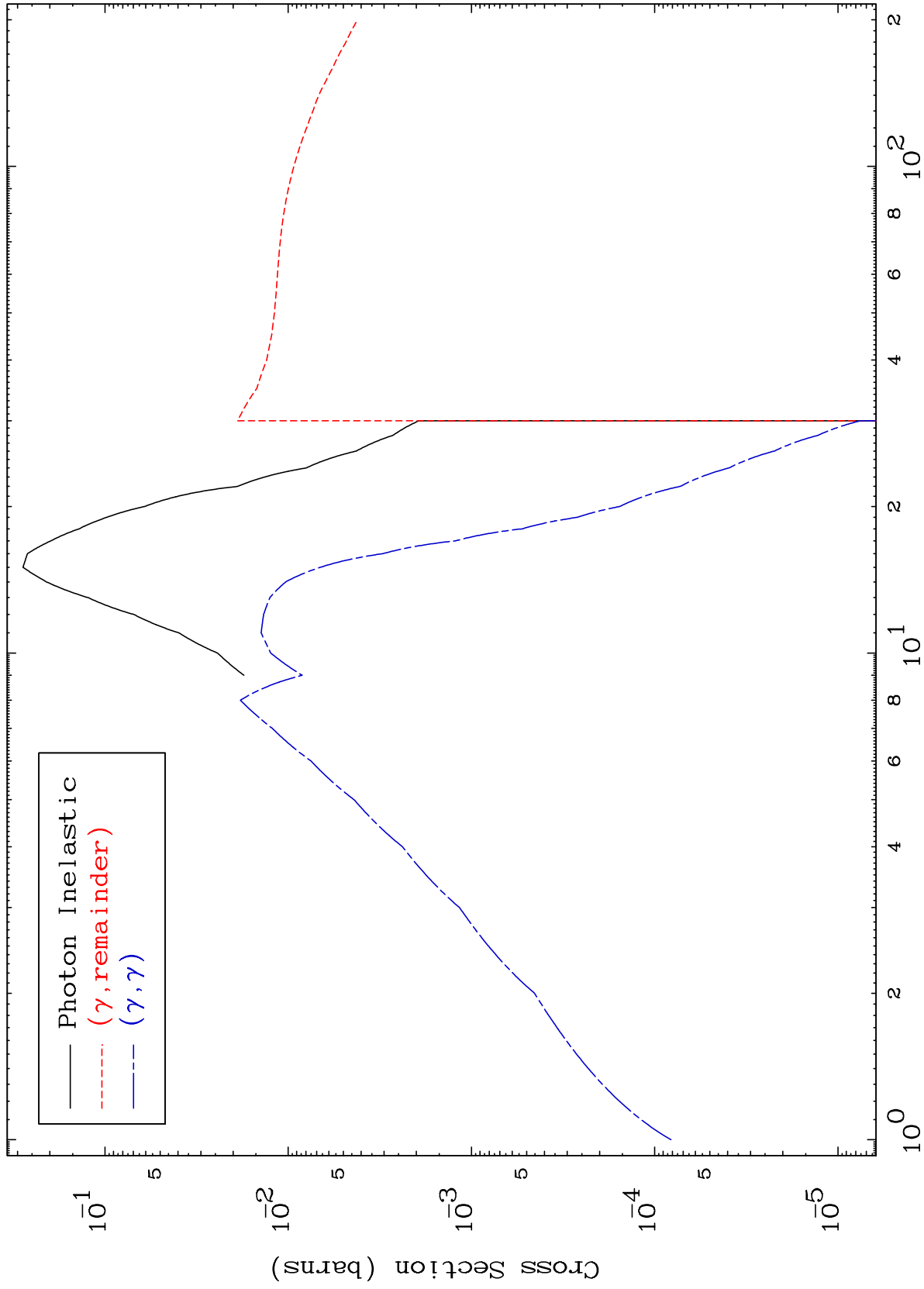
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5816

Photon Major  
0 Kelvin Cross Sections

58-Ce-133



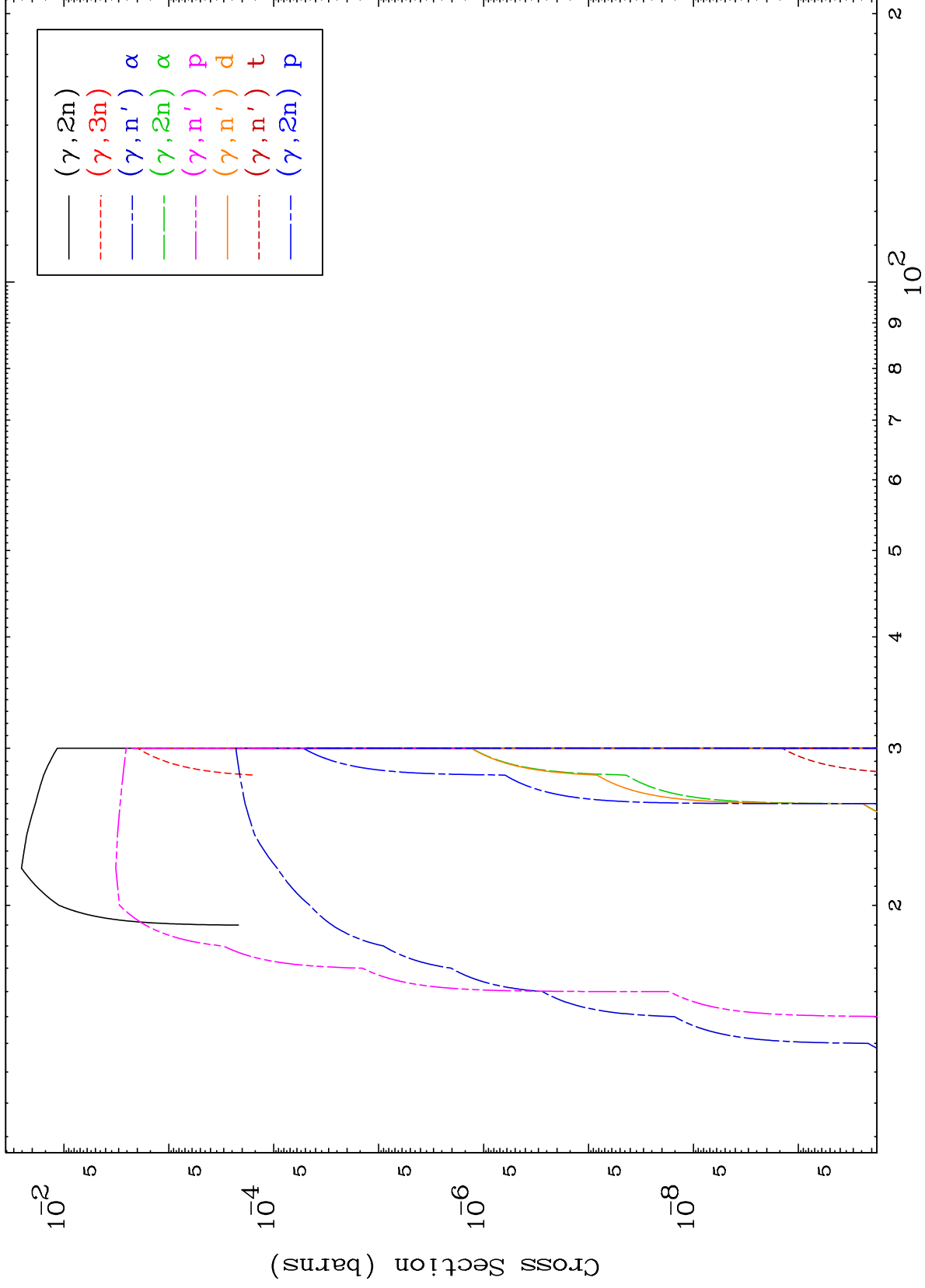
Incident Energy (MeV)

58-Ce-133

MAT 5816

Photon Neutron Production  
0 Kelvin Cross Sections

58-Ce-133



2

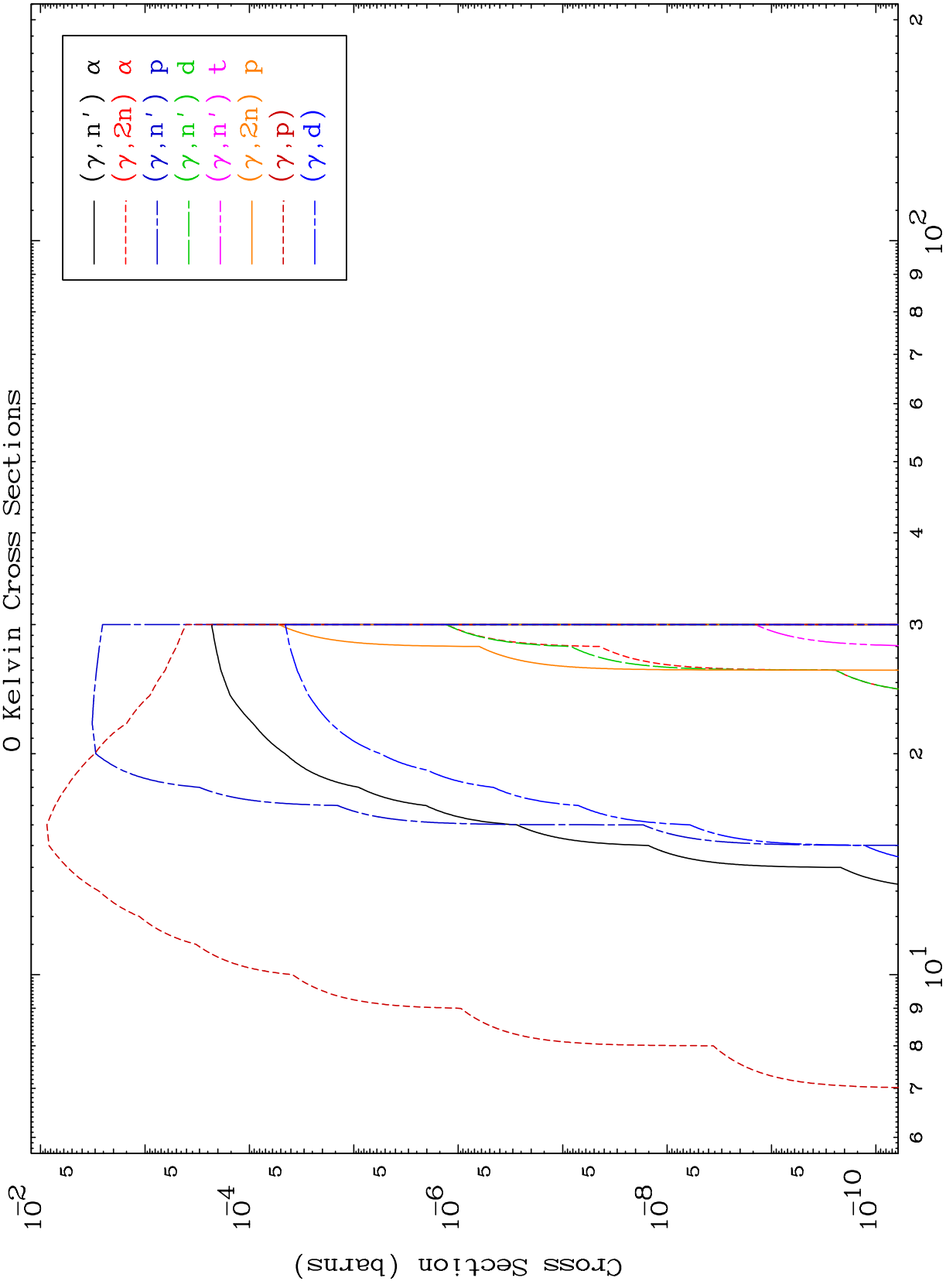
Incident Energy (MeV)

58-Ce-133

MAT 5816

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-133



3

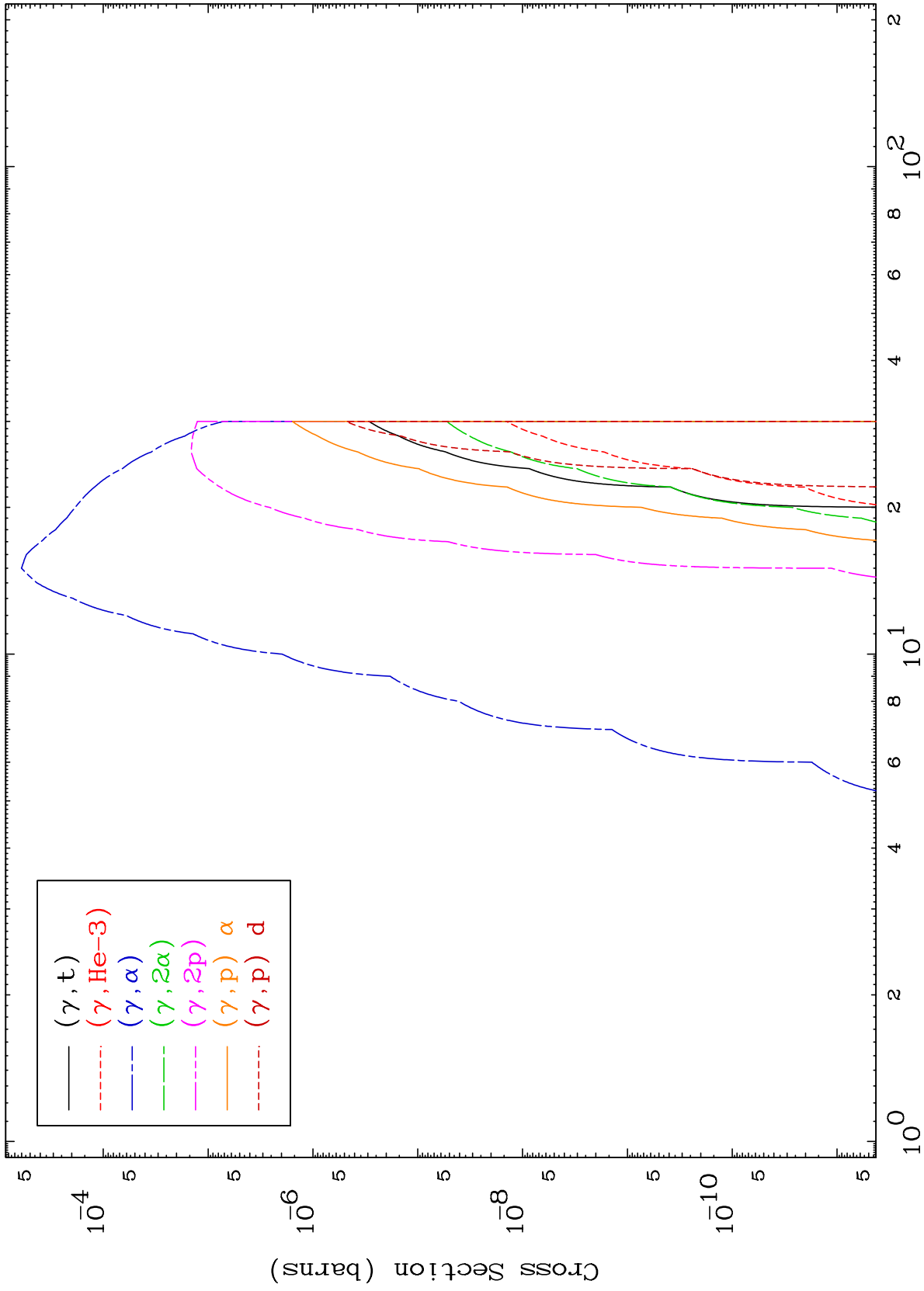
Incident Energy (MeV)

58-Ce-133

MAT 5816

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-133



Incident Energy (MeV)

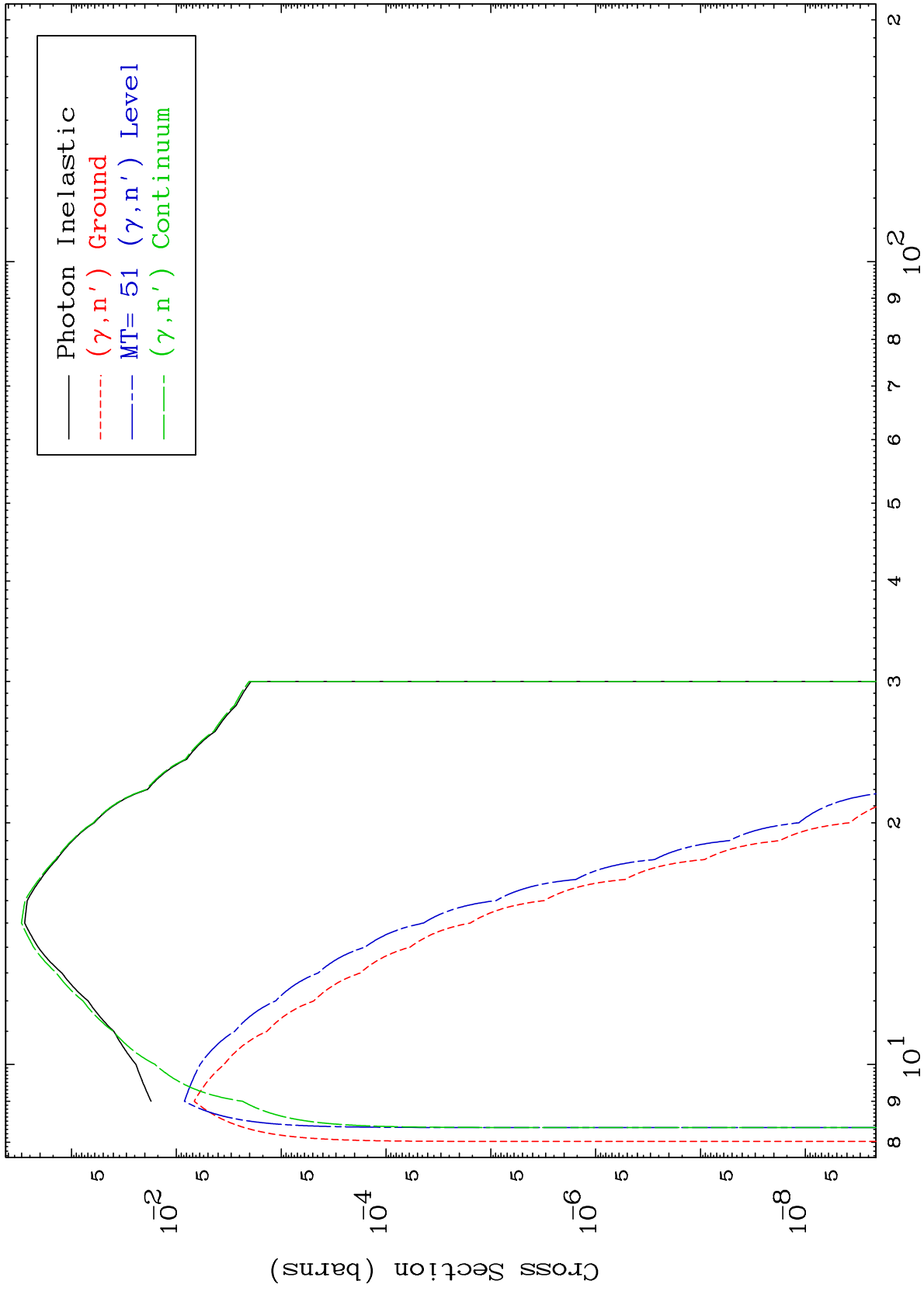
58-Ce-133

MAT 5816

$(\gamma, n')$  Level

58-Ce-133

0 Kelvin Cross Sections



5

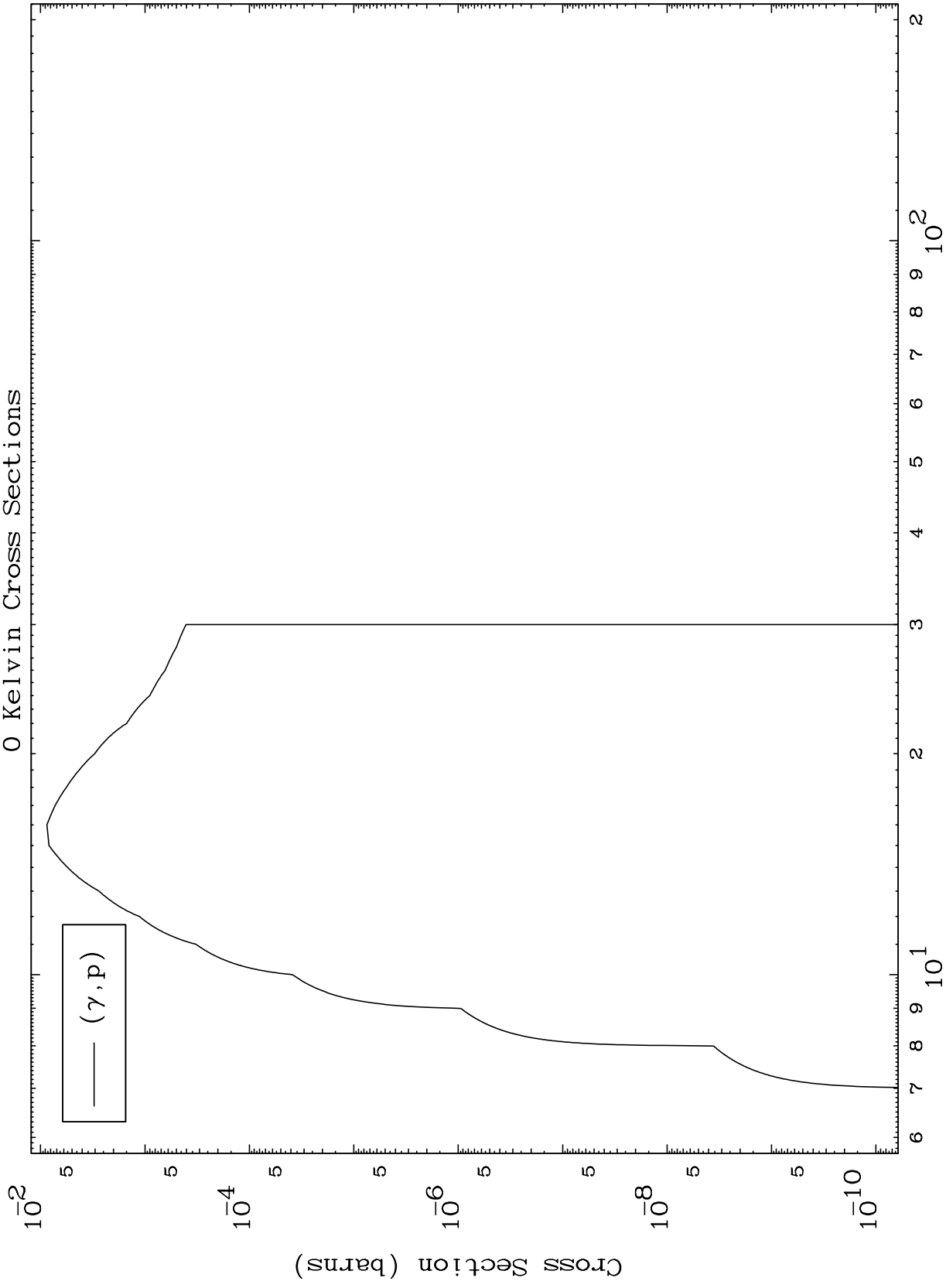
Incident Energy (MeV)

58-Ce-133

MAT 5816

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

58-Ce-133



6

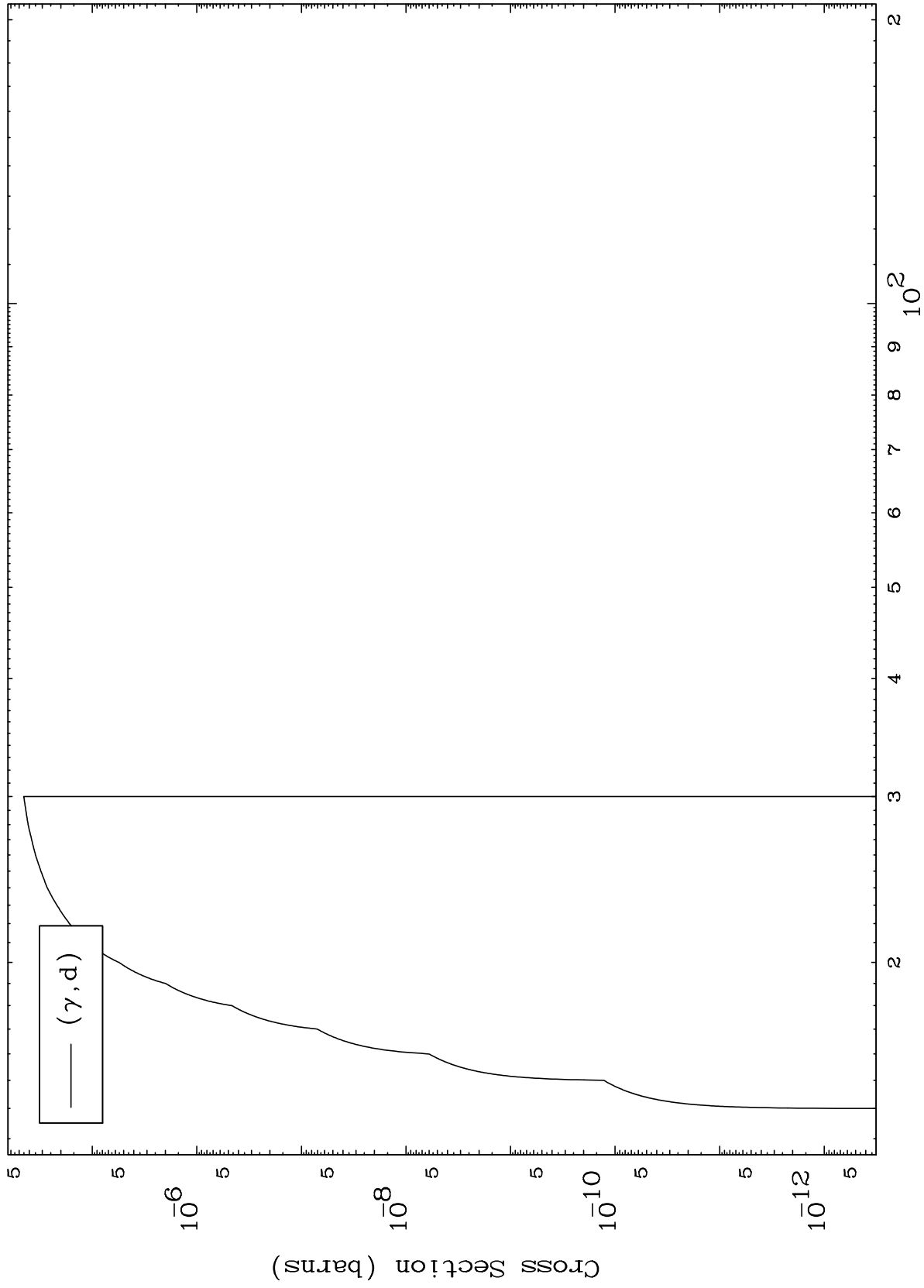
Incident Energy (MeV)

58-Ce-133

MAT 5816

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

58-Ce-133



7

Incident Energy (MeV)

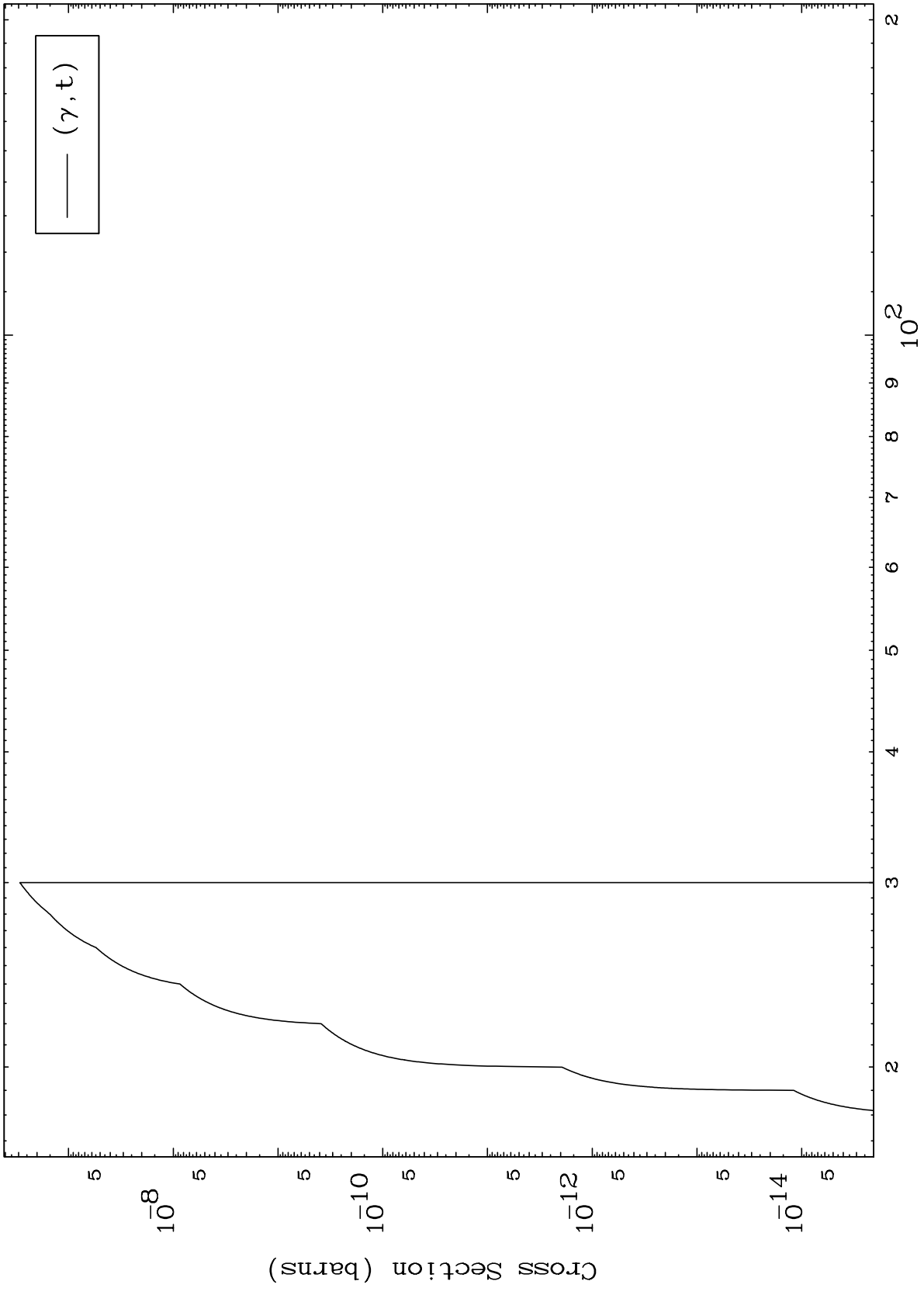
58-Ce-133



MAT 5816

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

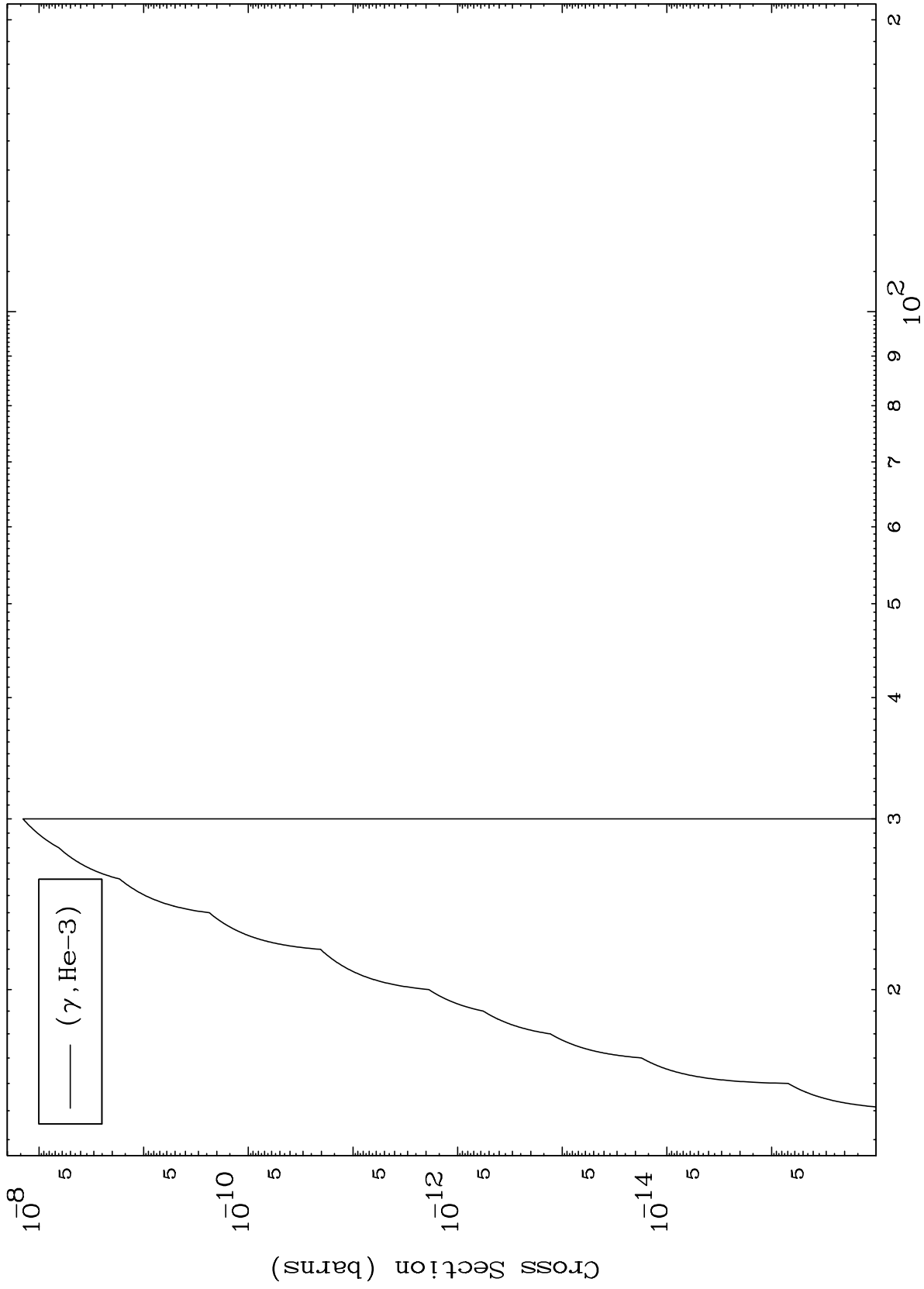
58-Ce-133



8

Incident Energy (MeV)

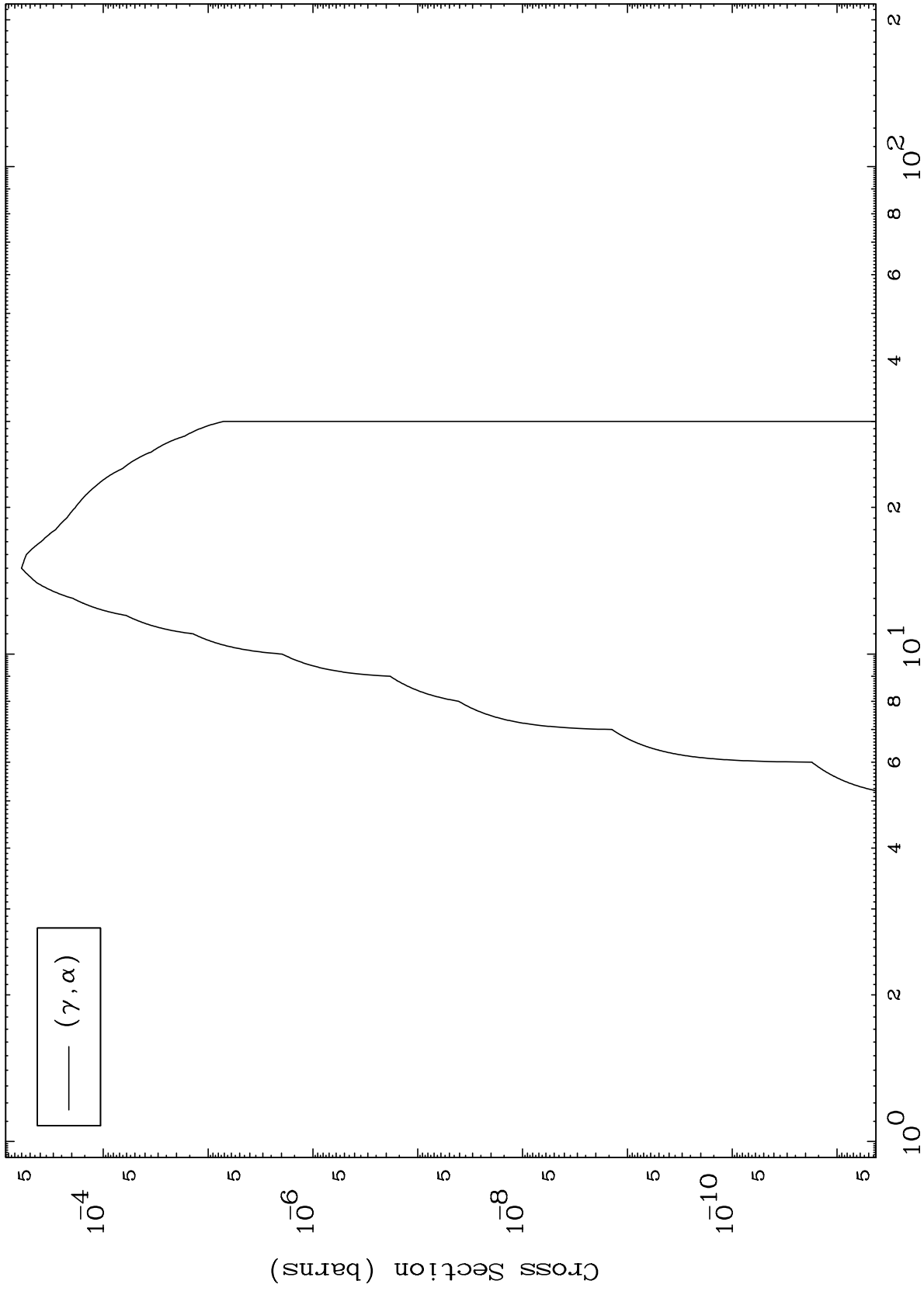
58-Ce-133



MAT 5816

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

58-Ce-133



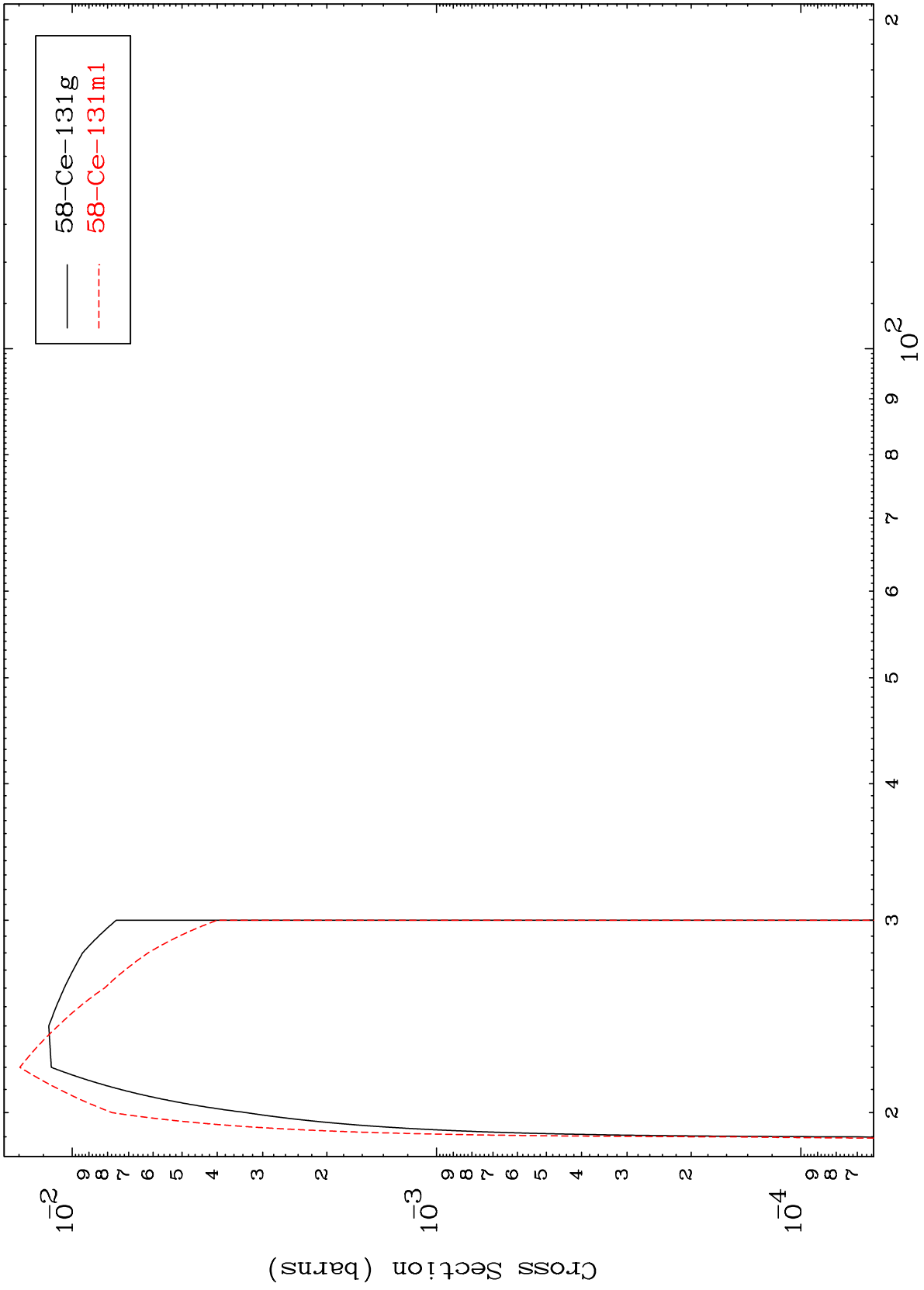
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

( $\gamma, 2n$ )  
Radionuclide Production Cross Section



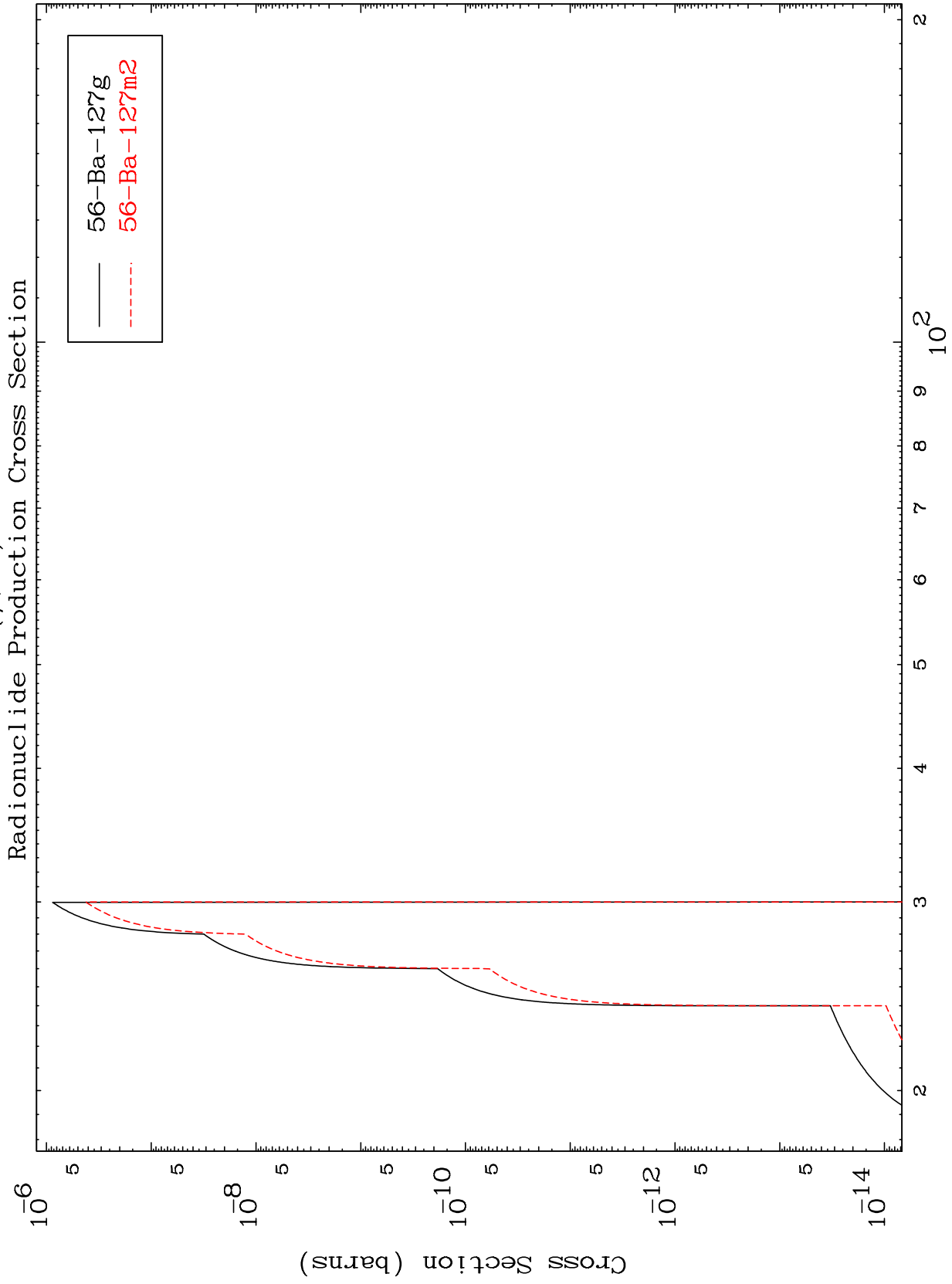
11

58-Ce-133

MAT 5816

$(\gamma, 2n) \alpha$

58-Ce-133



12

Incident Energy (MeV)

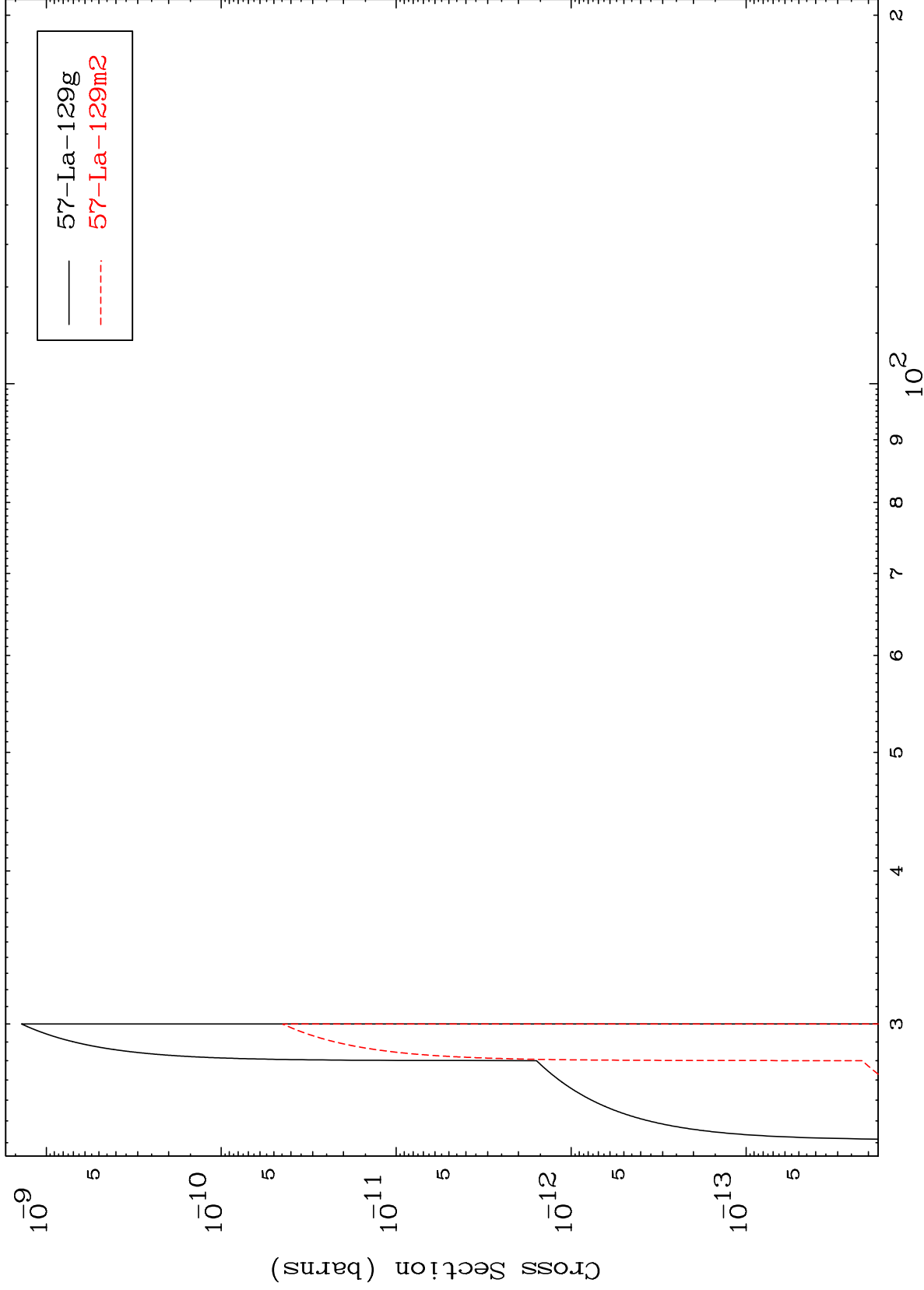
58-Ce-133

MAT 5816

( $\gamma, n'$ ) t

58-Ce-133

Radionuclide Production Cross Section



13

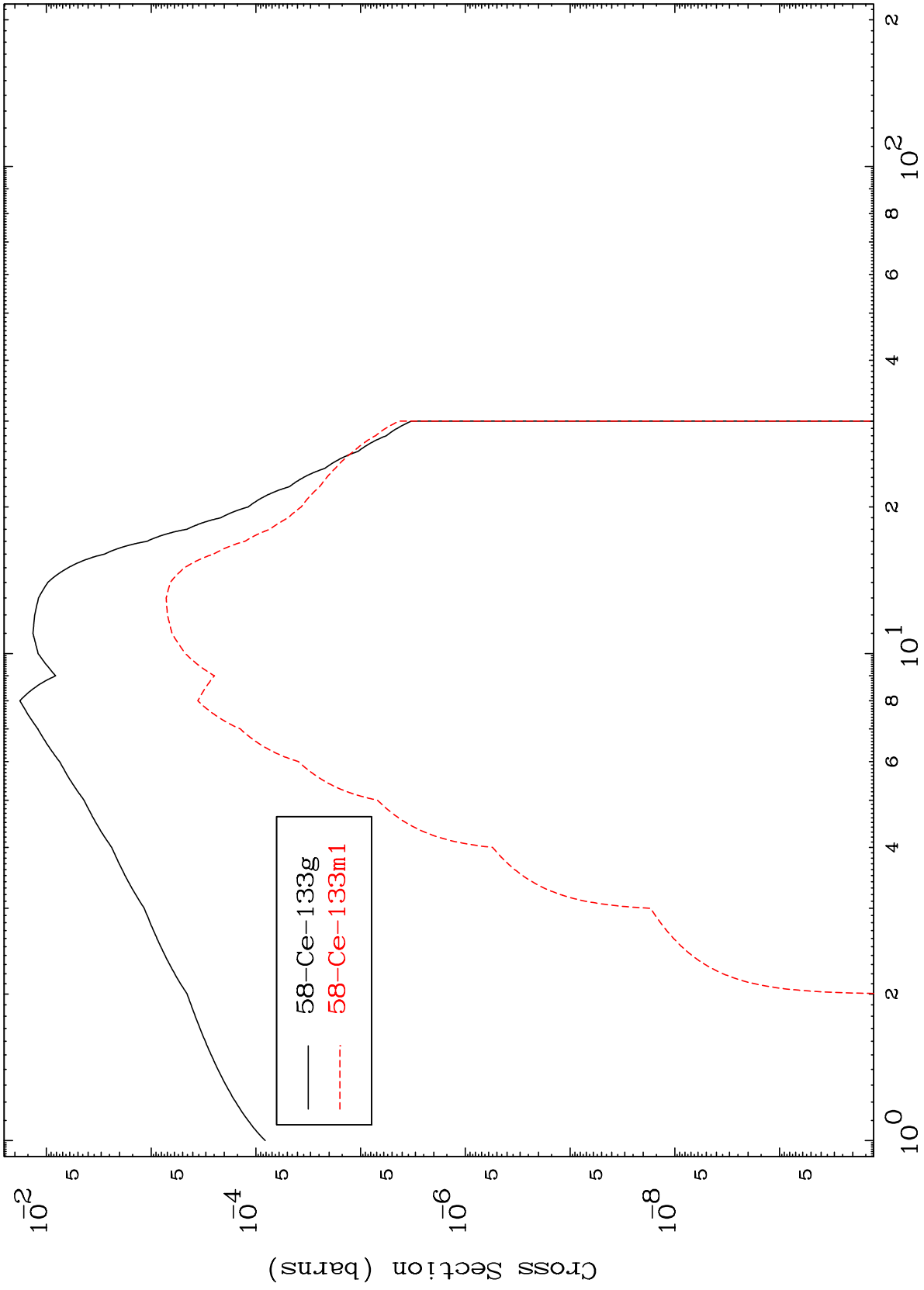
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

Radionuclide Production Cross Section  
( $\gamma, \gamma$ )



14

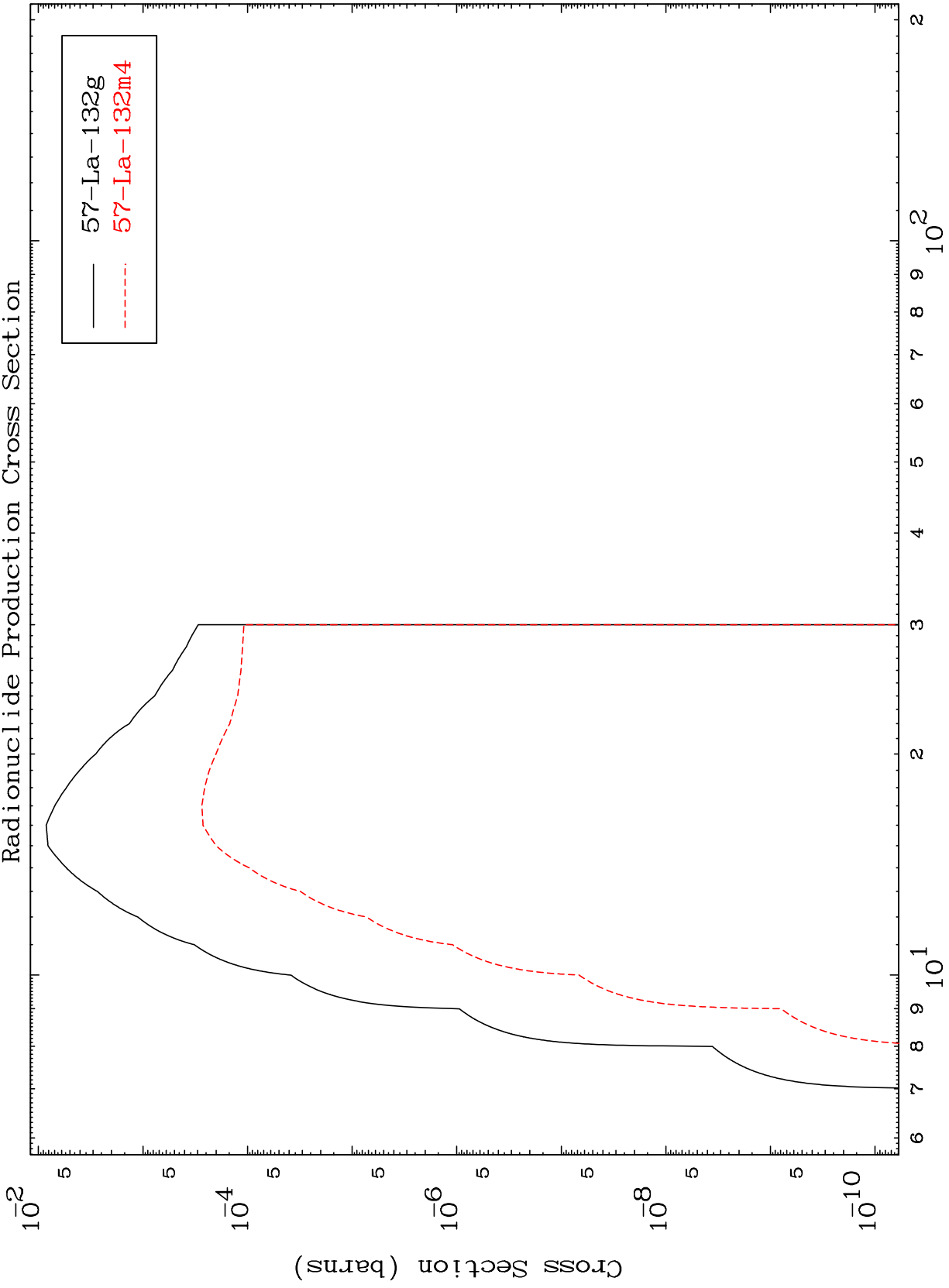
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

Radionuclide Production Cross Section  
( $\gamma, p$ )



15

Incident Energy (MeV)

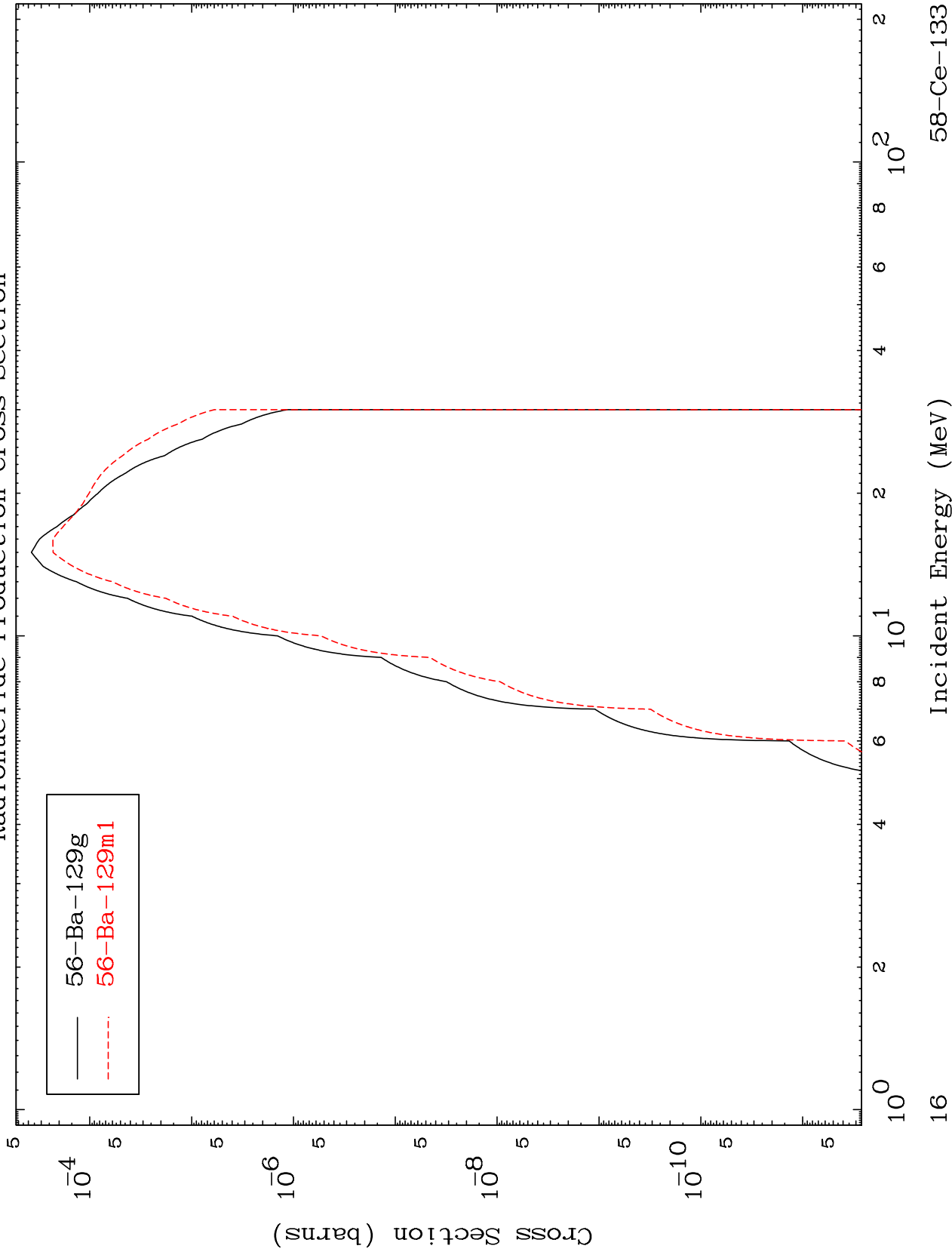
58-Ce-133



MAT 5816

Radionuclide Production Cross Section  
( $\gamma, \alpha$ )

58-Ce-133

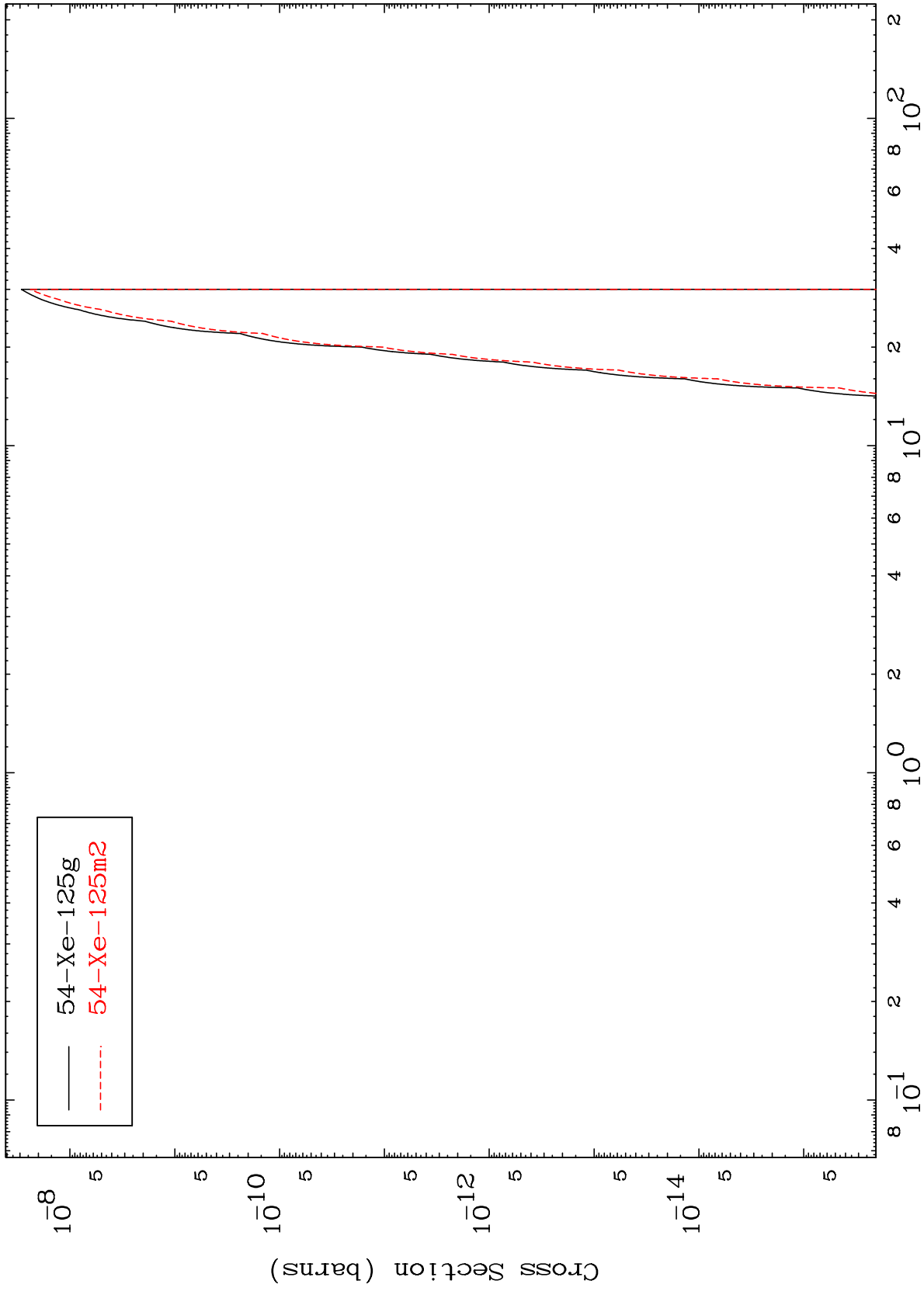


MAT 5816

( $\gamma, 2\alpha$ )

58-Ce-133

Radionuclide Production Cross Section



17

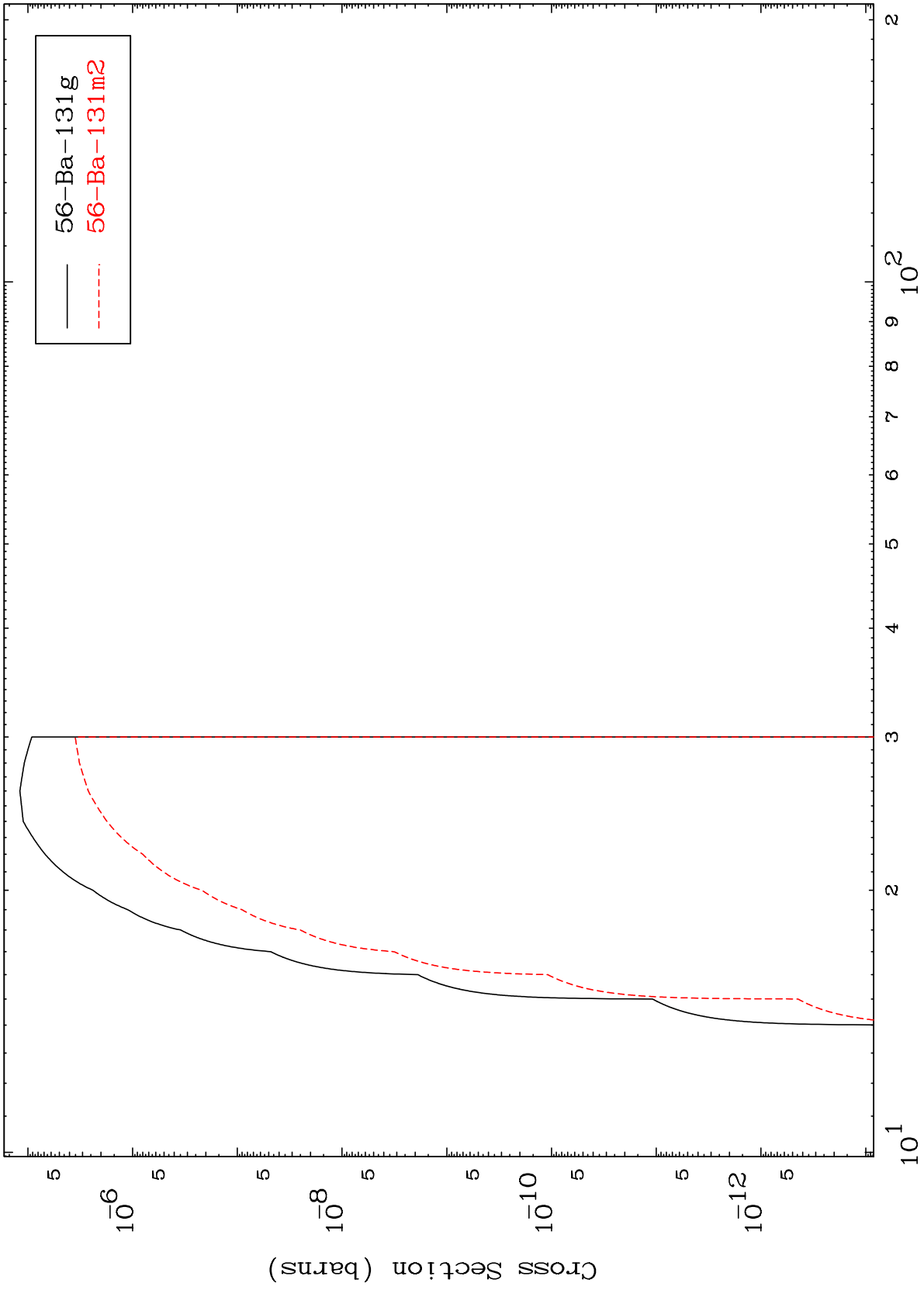
Incident Energy (MeV)

58-Ce-133

MAT 5816

58-Ce-133

( $\gamma, 2p$ )  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

58-Ce-133