

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

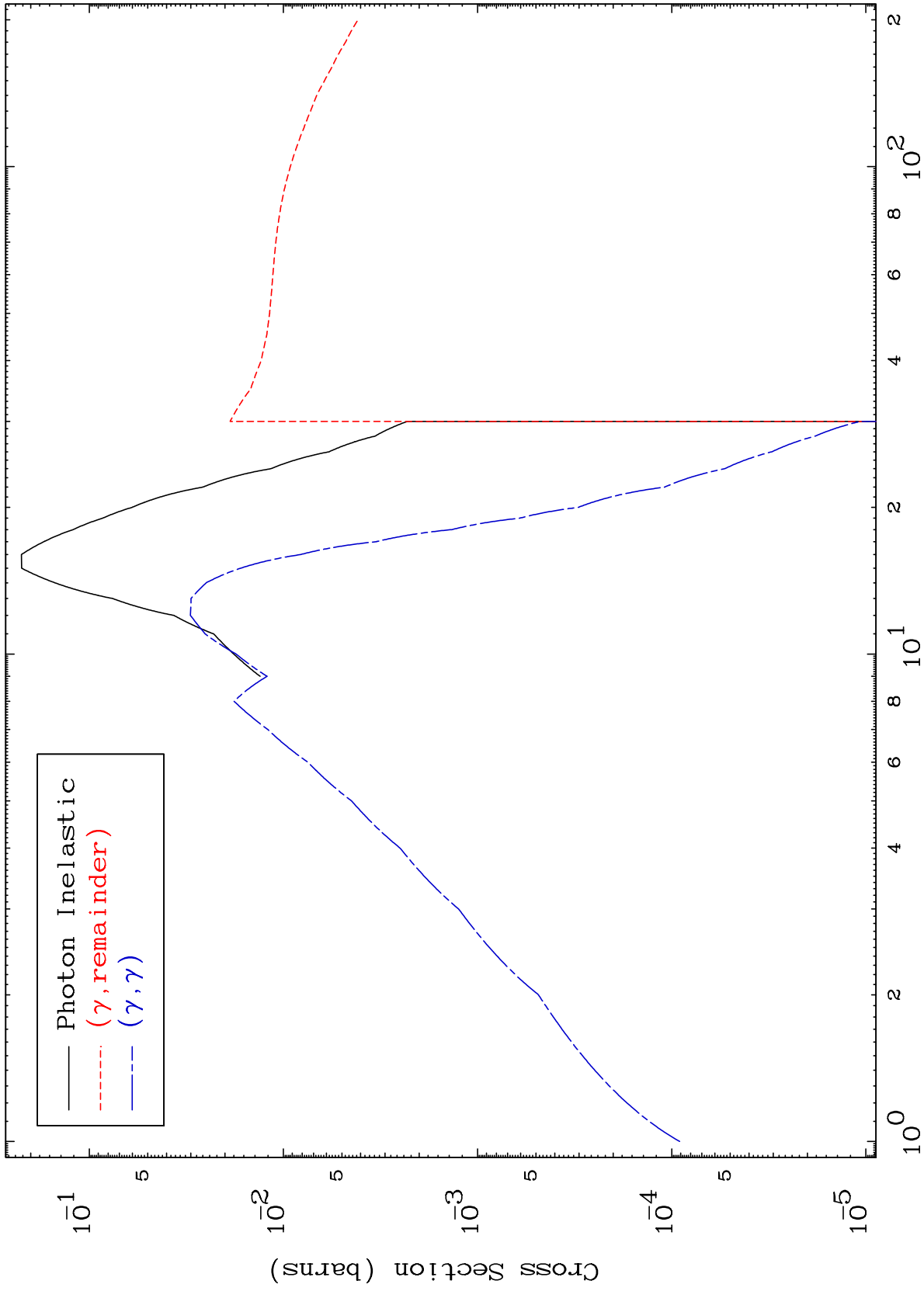
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5811

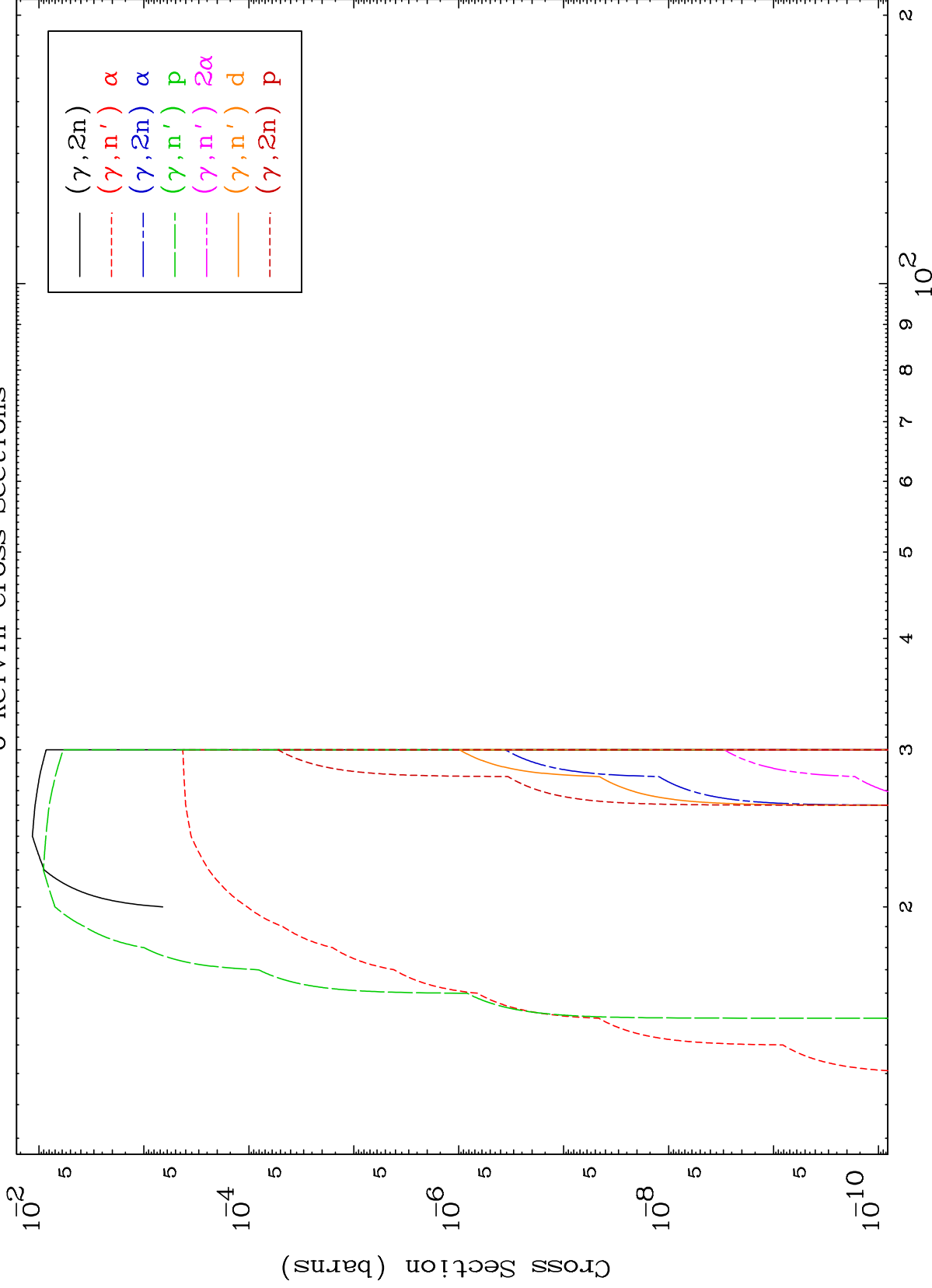
Photon Major  
0 Kelvin Cross Sections

58-Ce-131



Incident Energy (MeV)

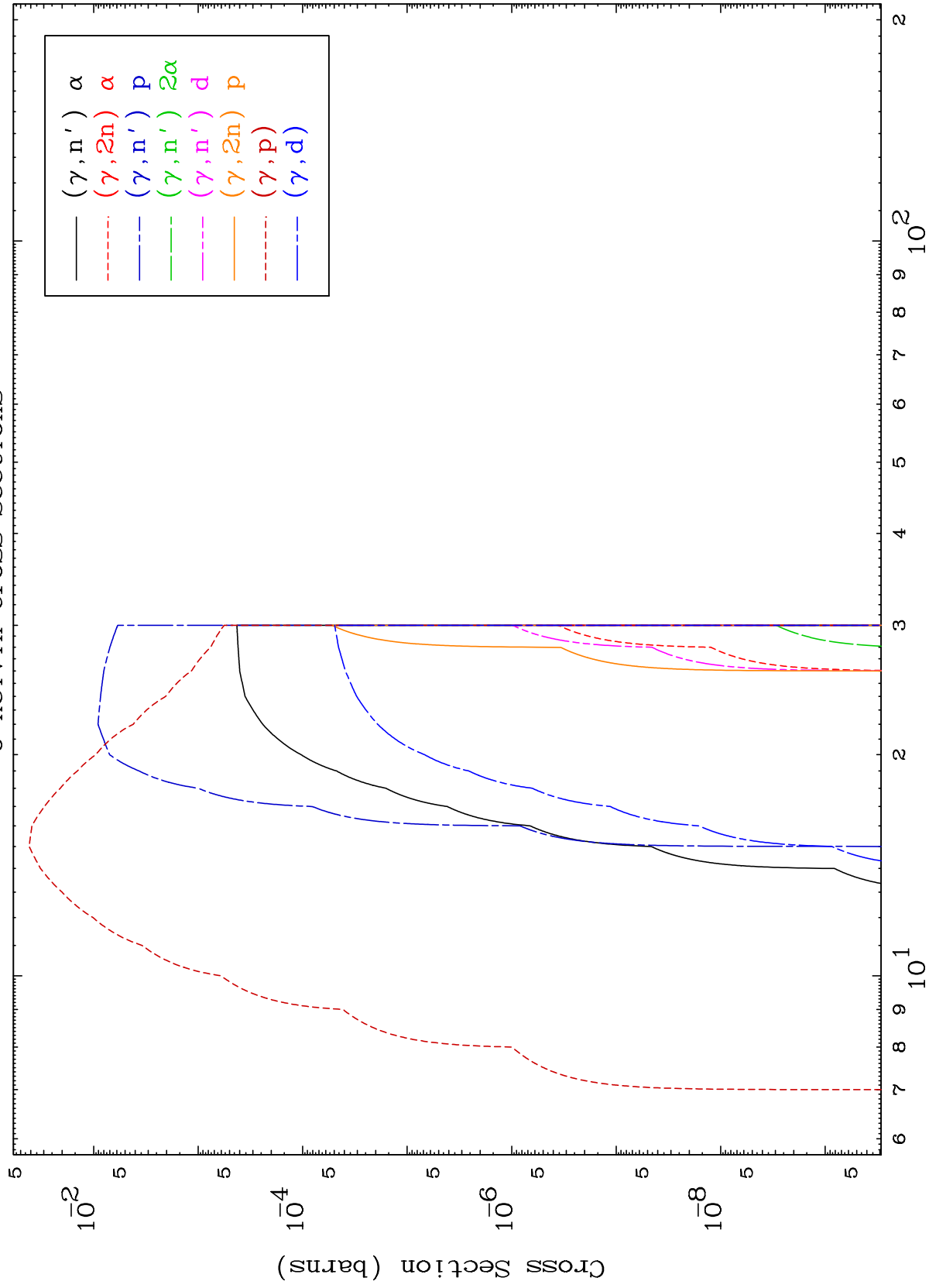
58-Ce-131



MAT 5811

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-131



3

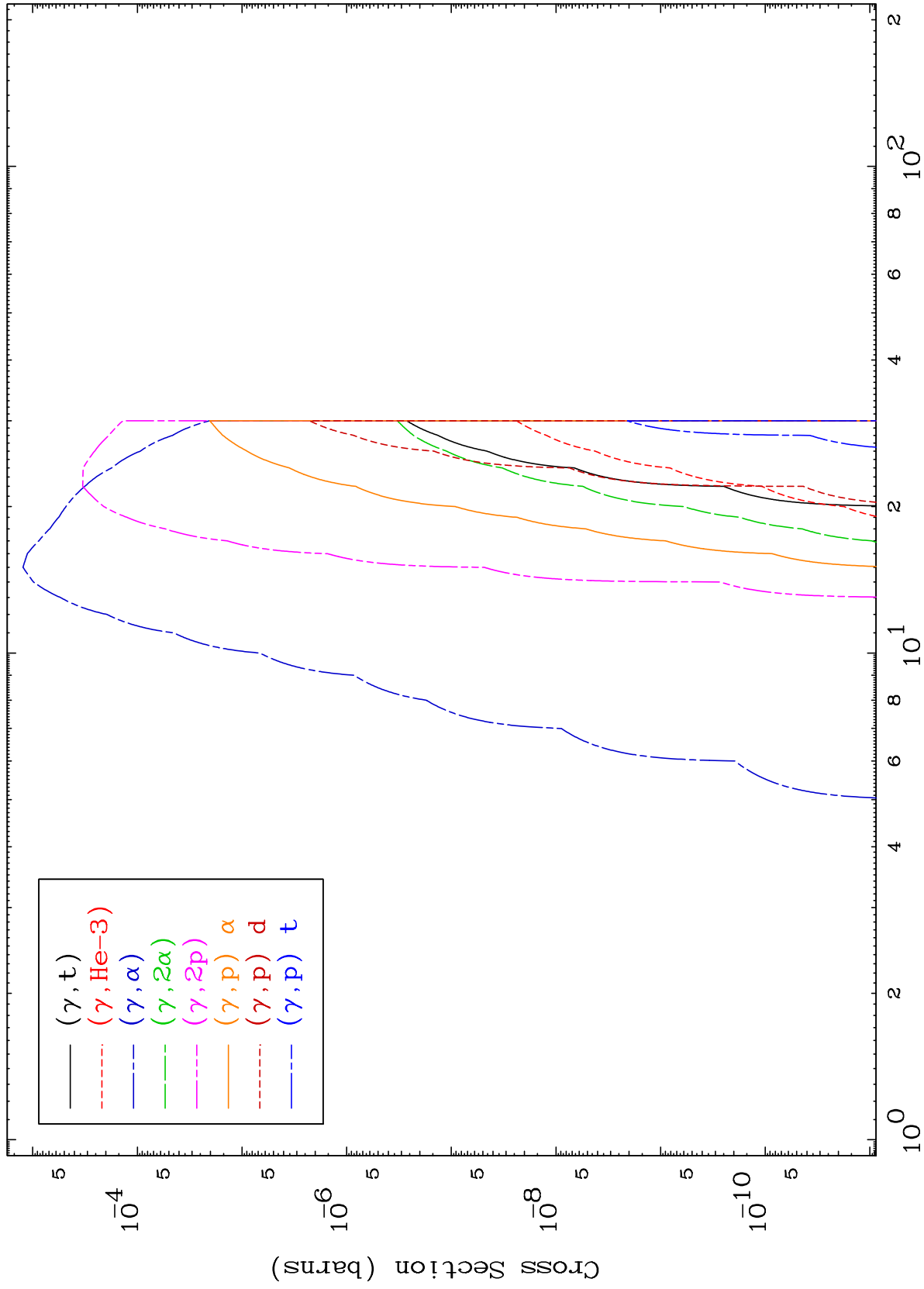
Incident Energy (MeV)

58-Ce-131

MAT 5811

Photon Charged Particle  
0 Kelvin Cross Sections

58-Ce-131



58-Ce-131

Incident Energy (MeV)

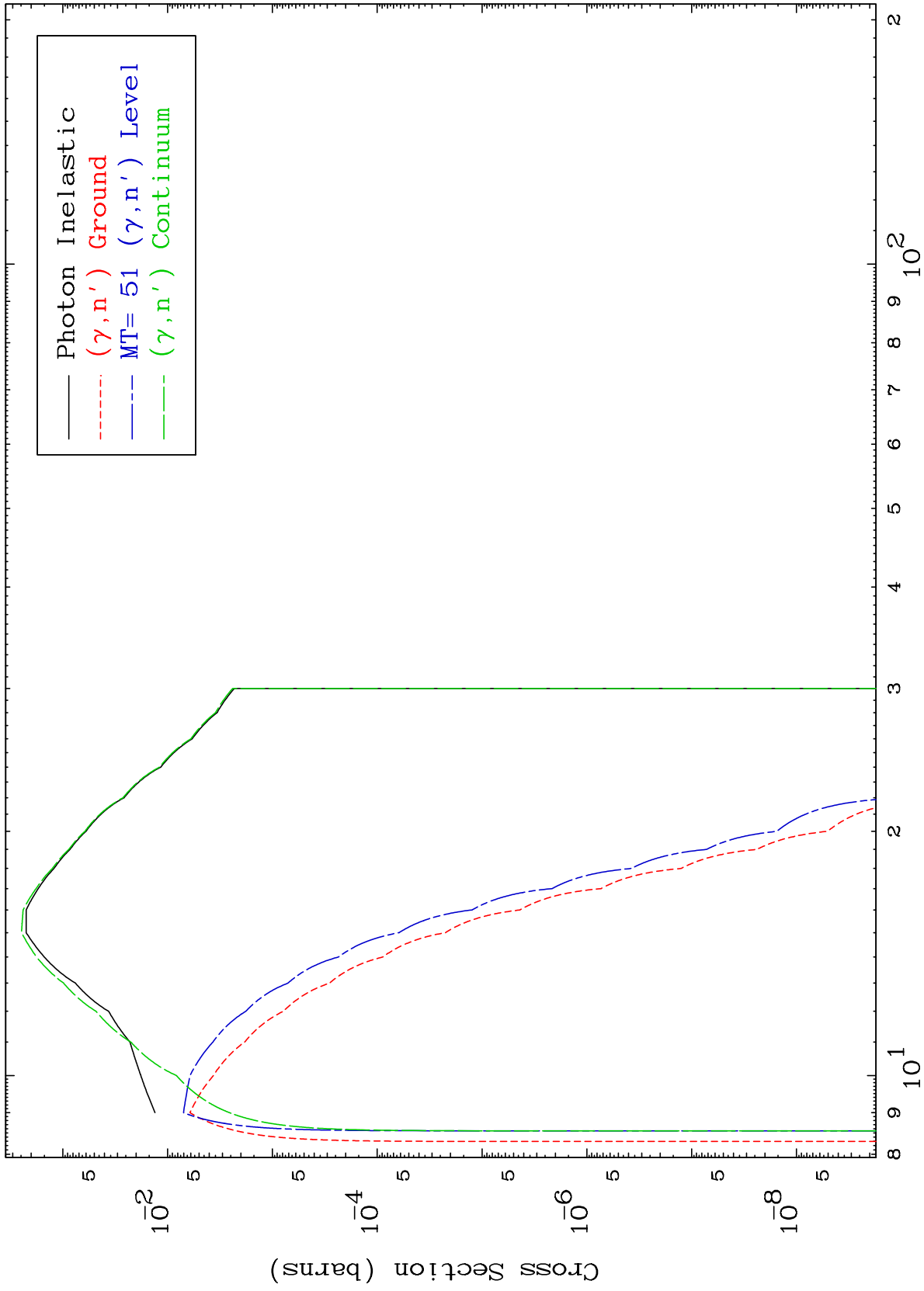
4

MAT 5811

$(\gamma, n')$  Level

58-Ce-131

0 Kelvin Cross Sections



5

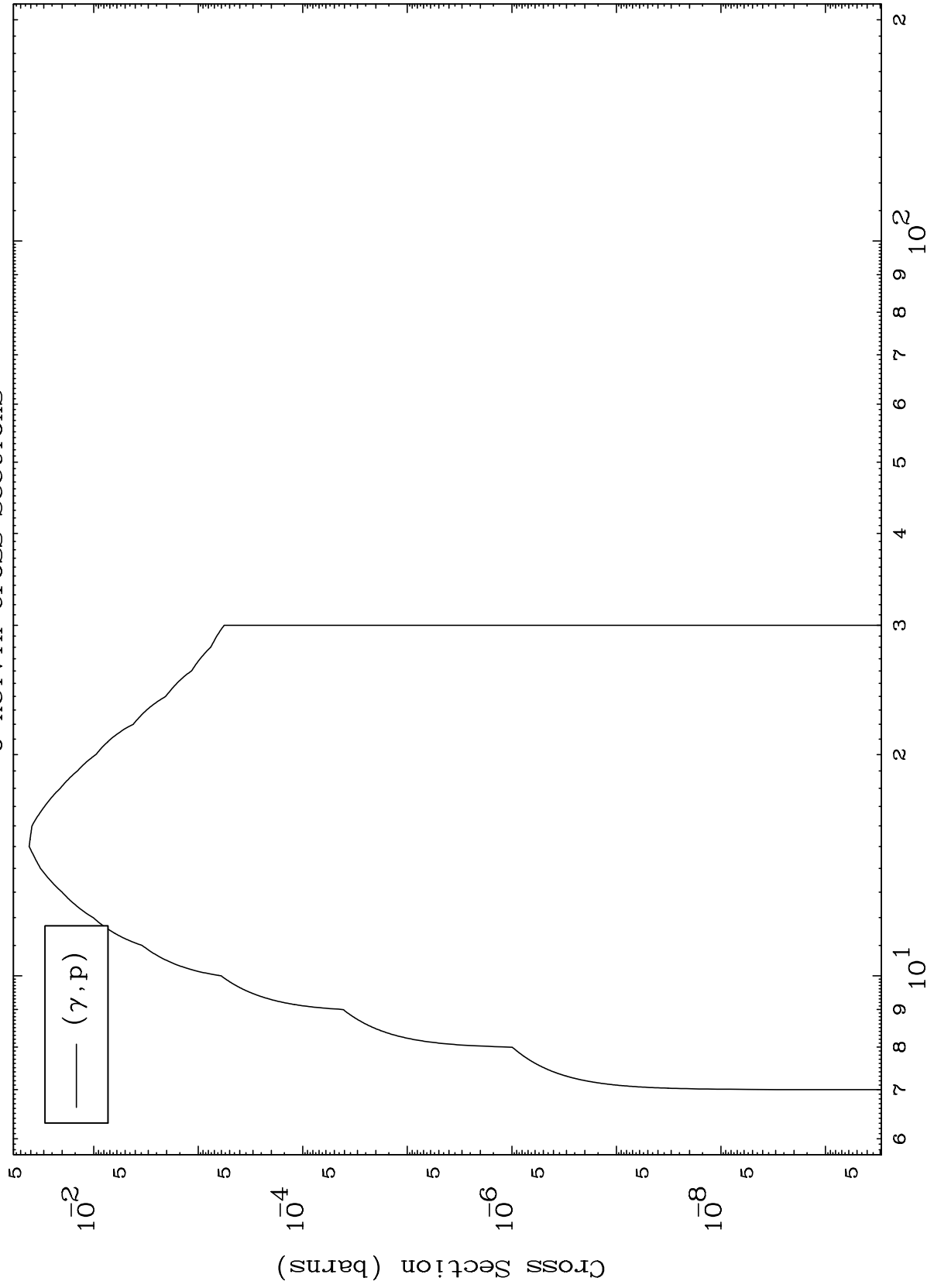
Incident Energy (MeV)

58-Ce-131

MAT 5811

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

58-Ce-131



6

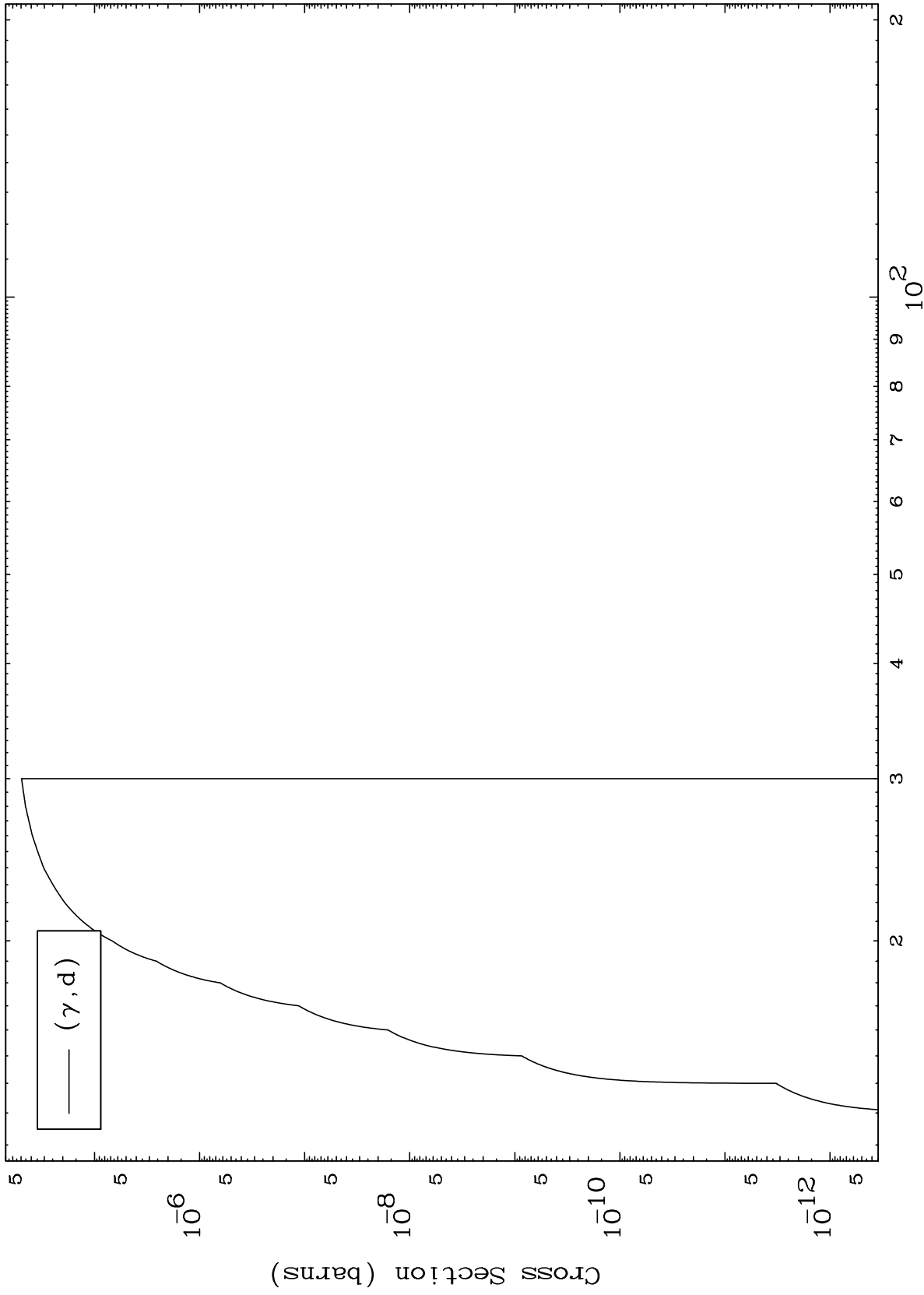
Incident Energy (MeV)

58-Ce-131

MAT 5811

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

58-Ce-131



7

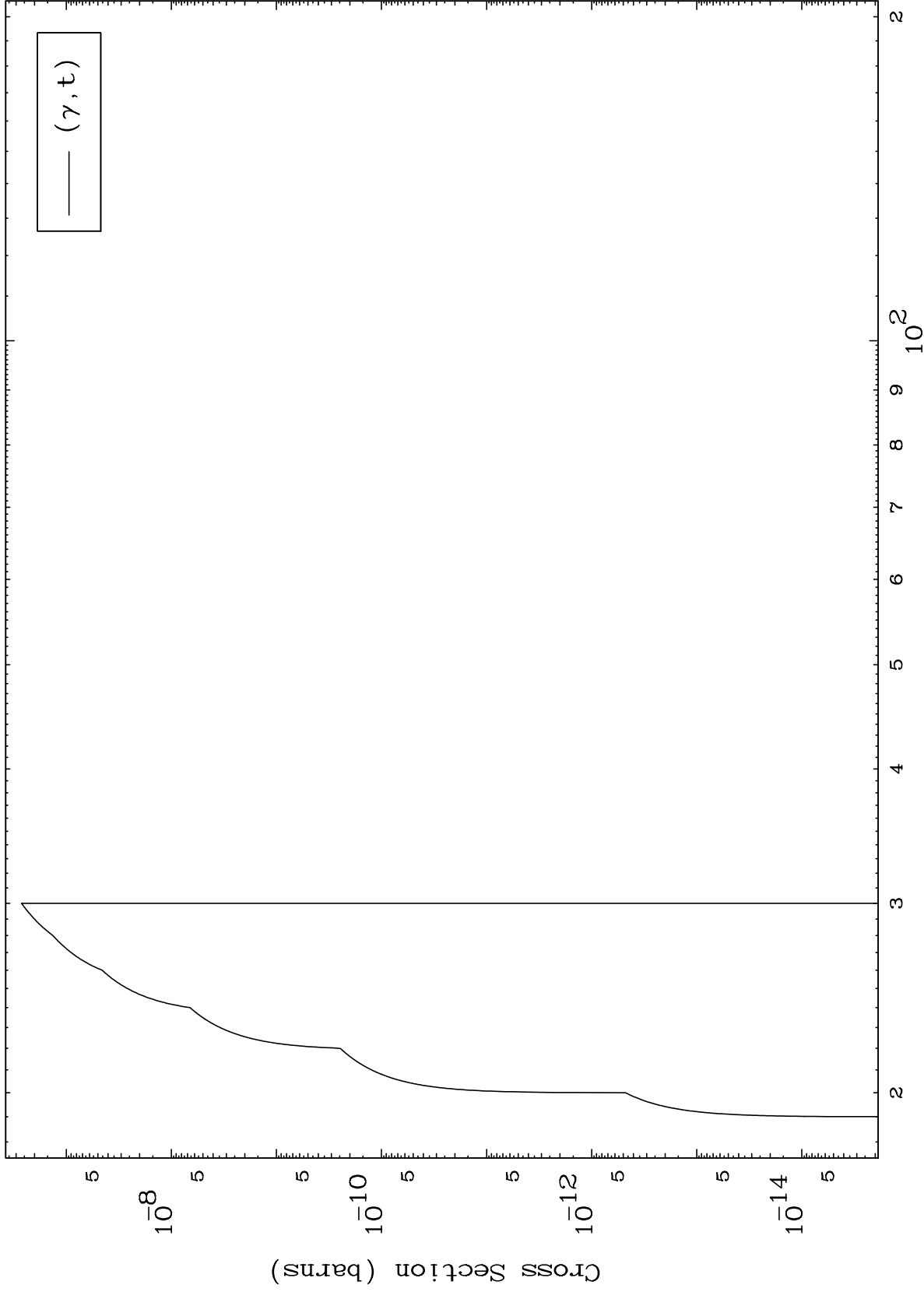
Incident Energy (MeV)

58-Ce-131

MAT 5811

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

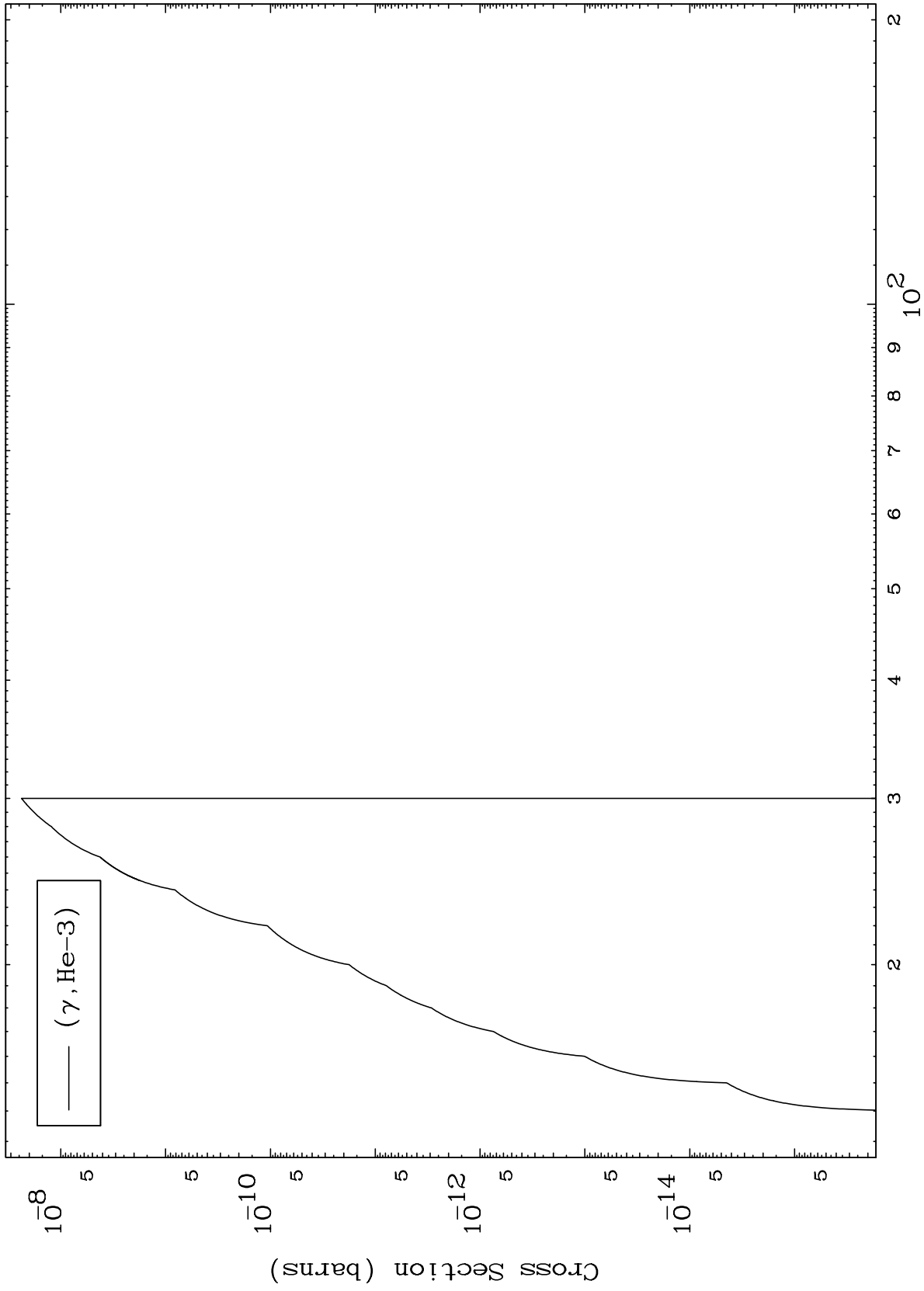
58-Ce-131



8

Incident Energy (MeV)

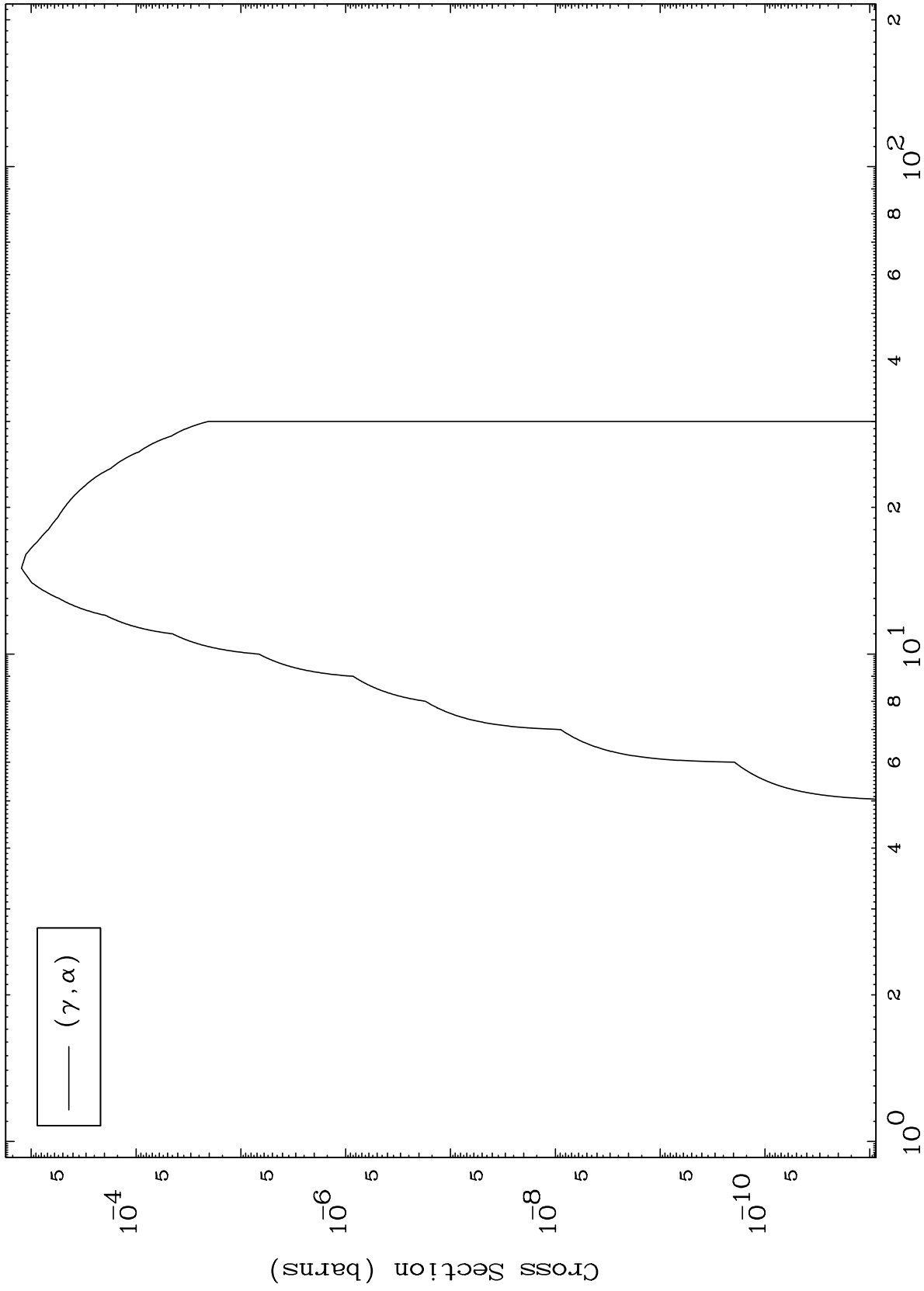
58-Ce-131



MAT 5811

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

58-Ce-131



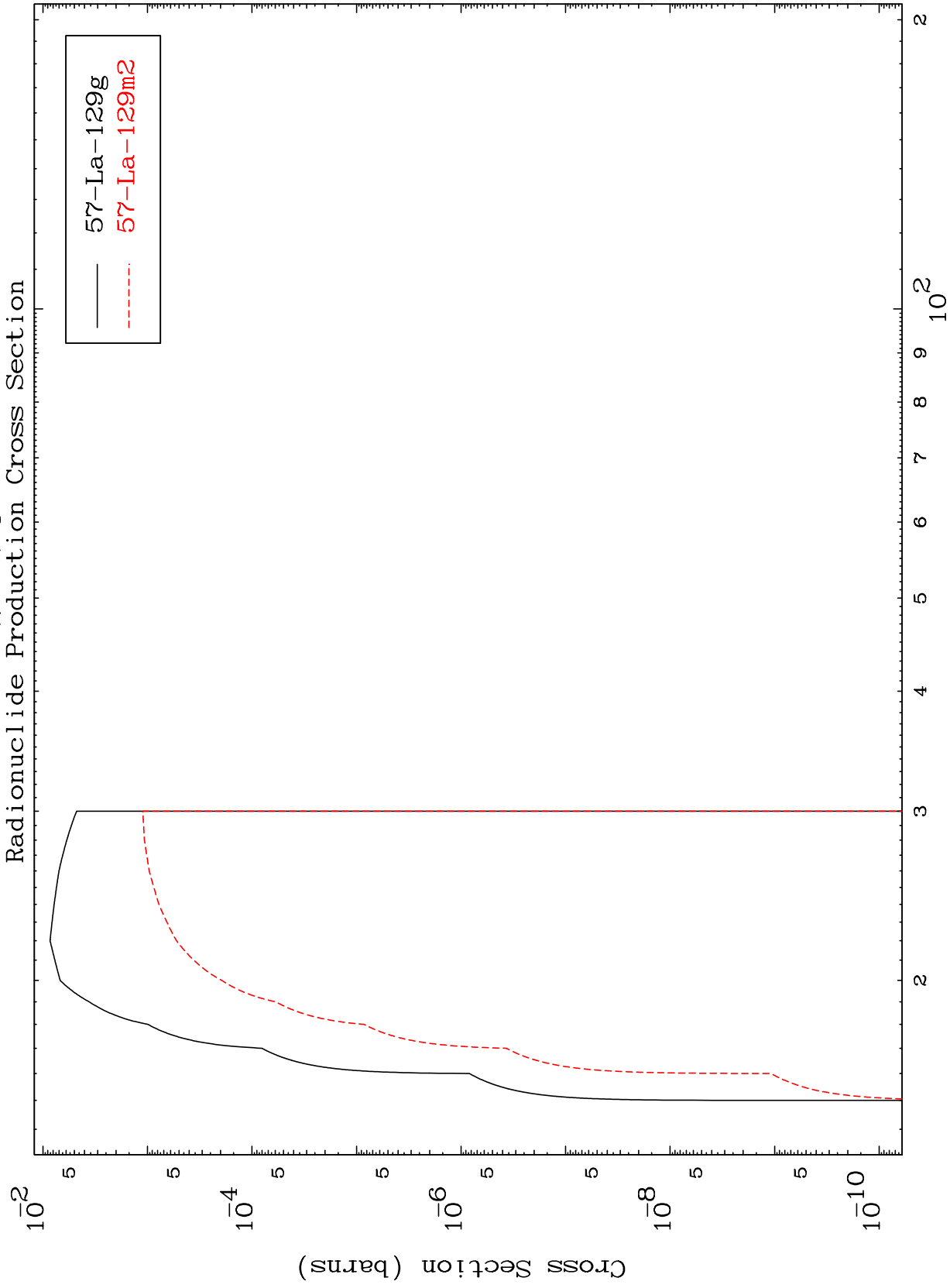
Incident Energy (MeV)

58-Ce-131

MAT 5811

( $\gamma, n'$ ) p

58-Ce-131



11

Incident Energy (MeV)

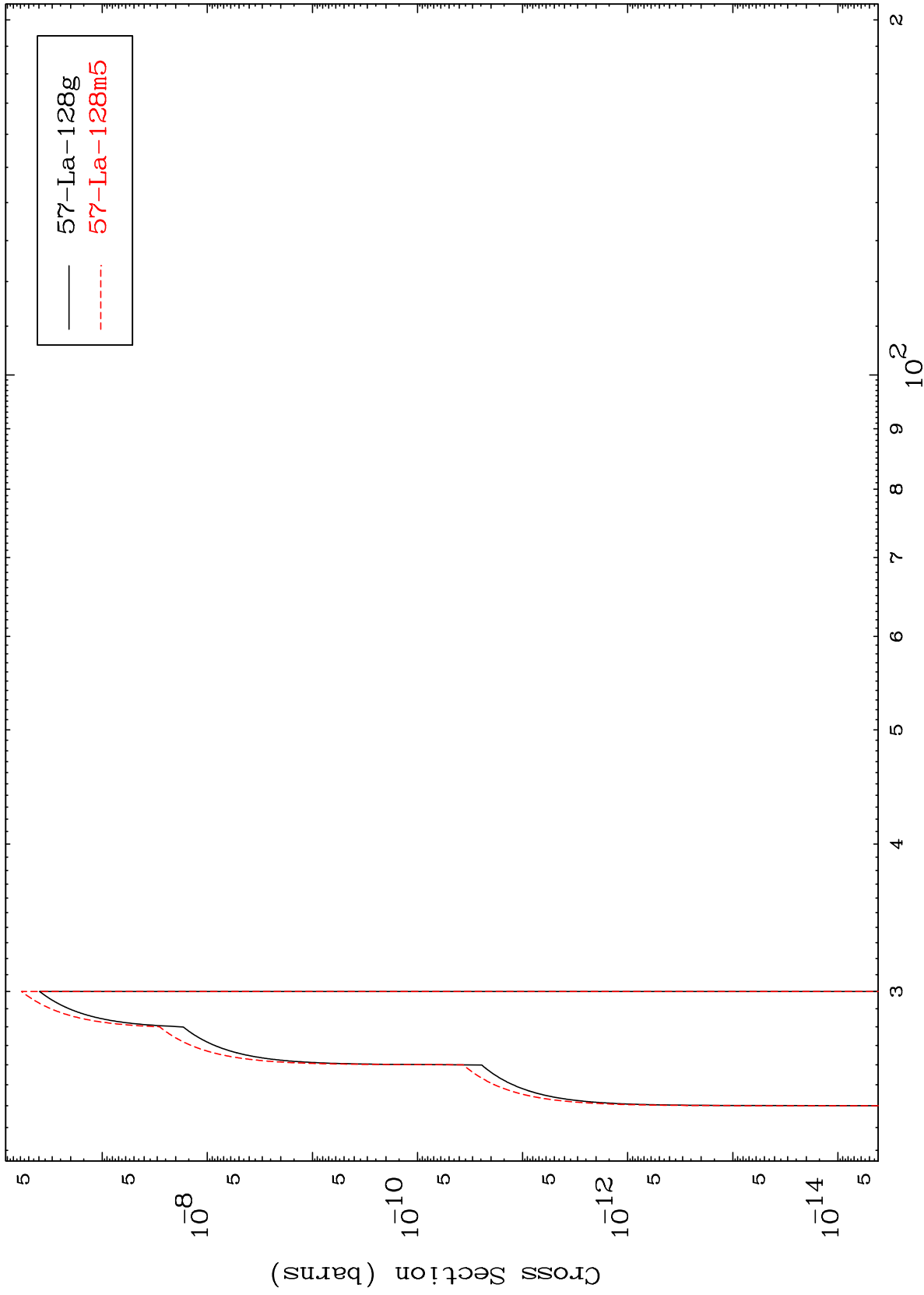
58-Ce-131

MAT 5811

( $\gamma, n'$ ) d

58-Ce-131

Radionuclide Production Cross Section



12

Incident Energy (MeV)

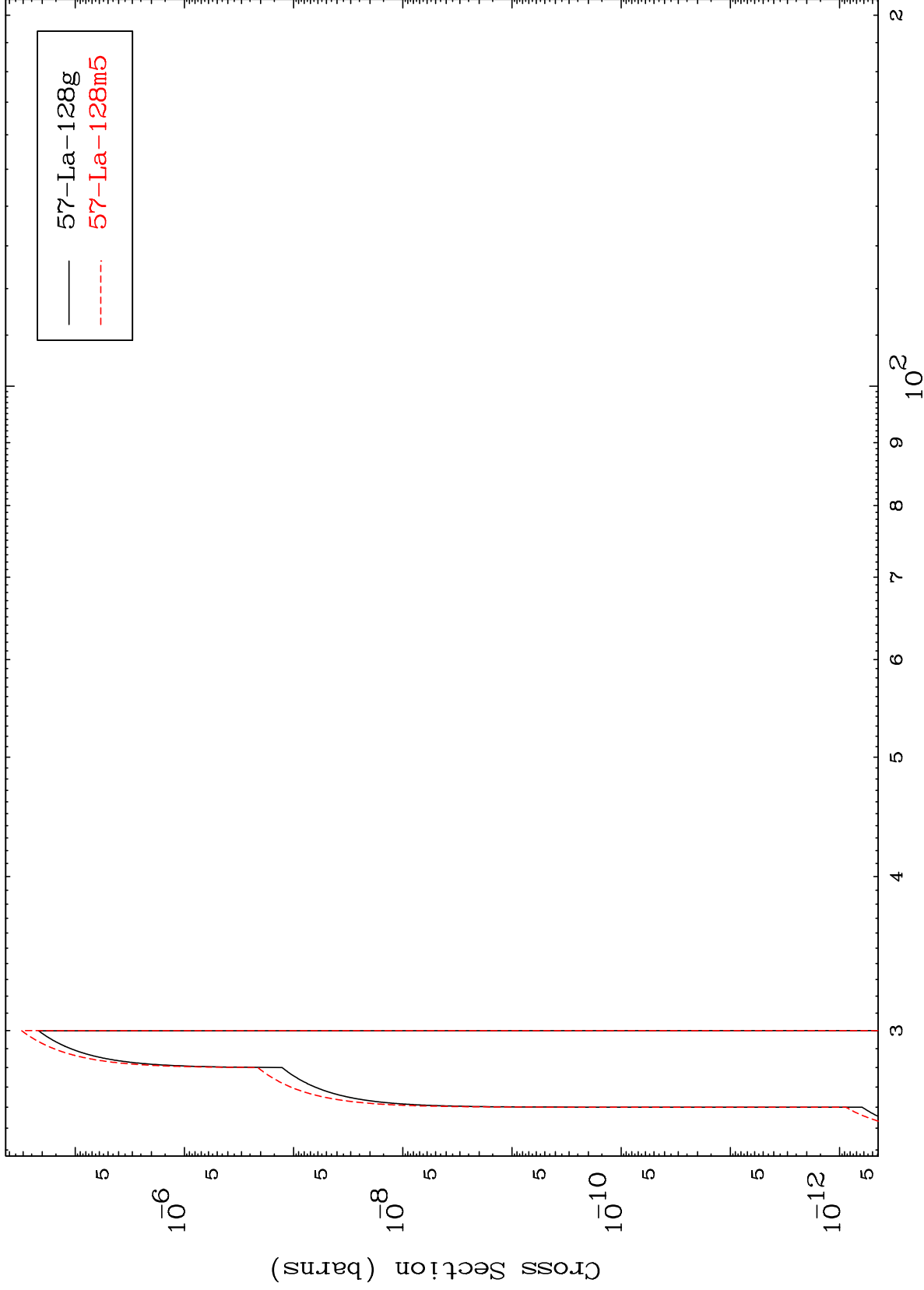
58-Ce-131

MAT 5811

( $\gamma, 2n$ ) p

58-Ce-131

Radionuclide Production Cross Section



13

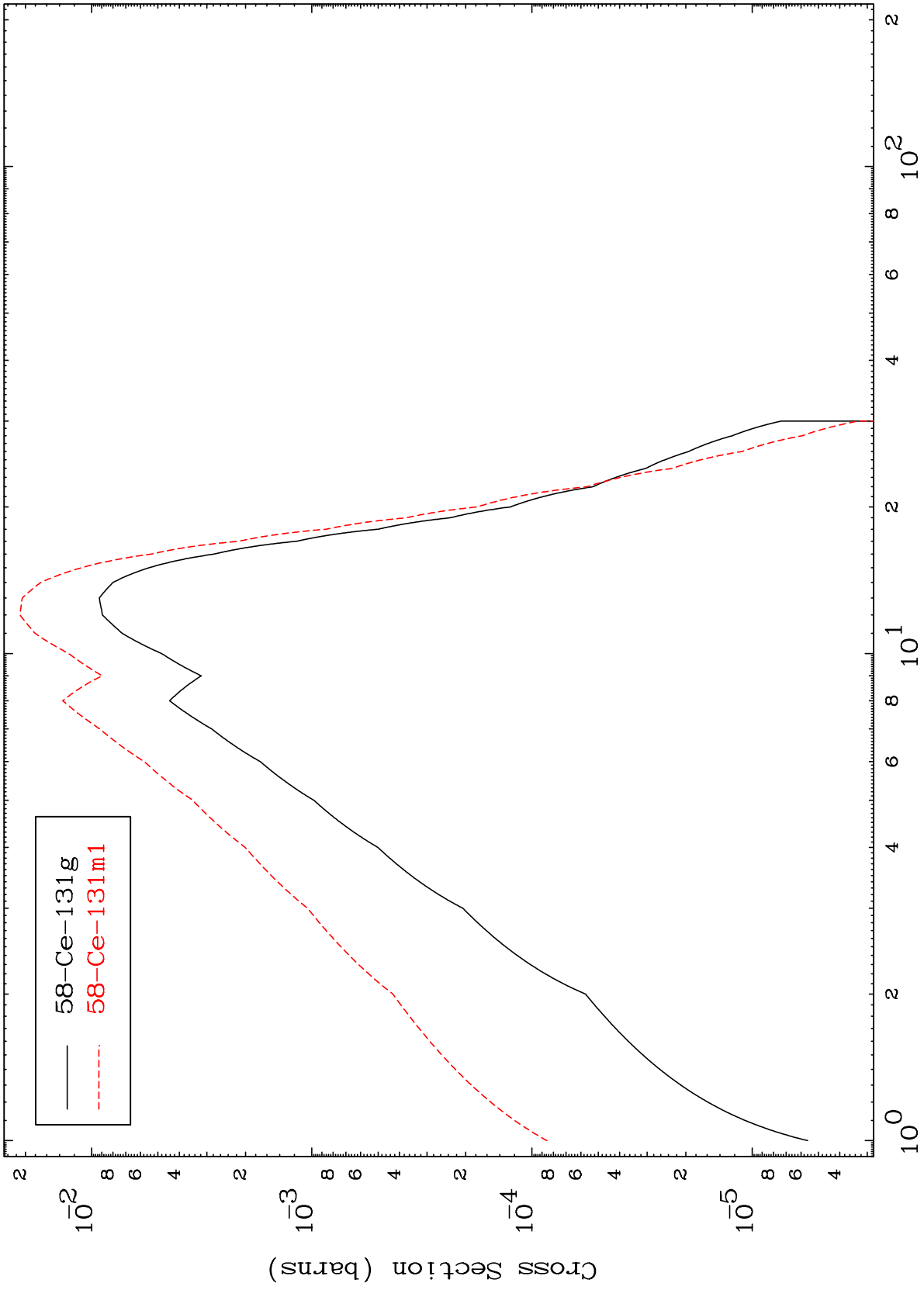
Incident Energy (MeV)

58-Ce-131

MAT 5811

58-Ce-131

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



58-Ce-131

Incident Energy (MeV)

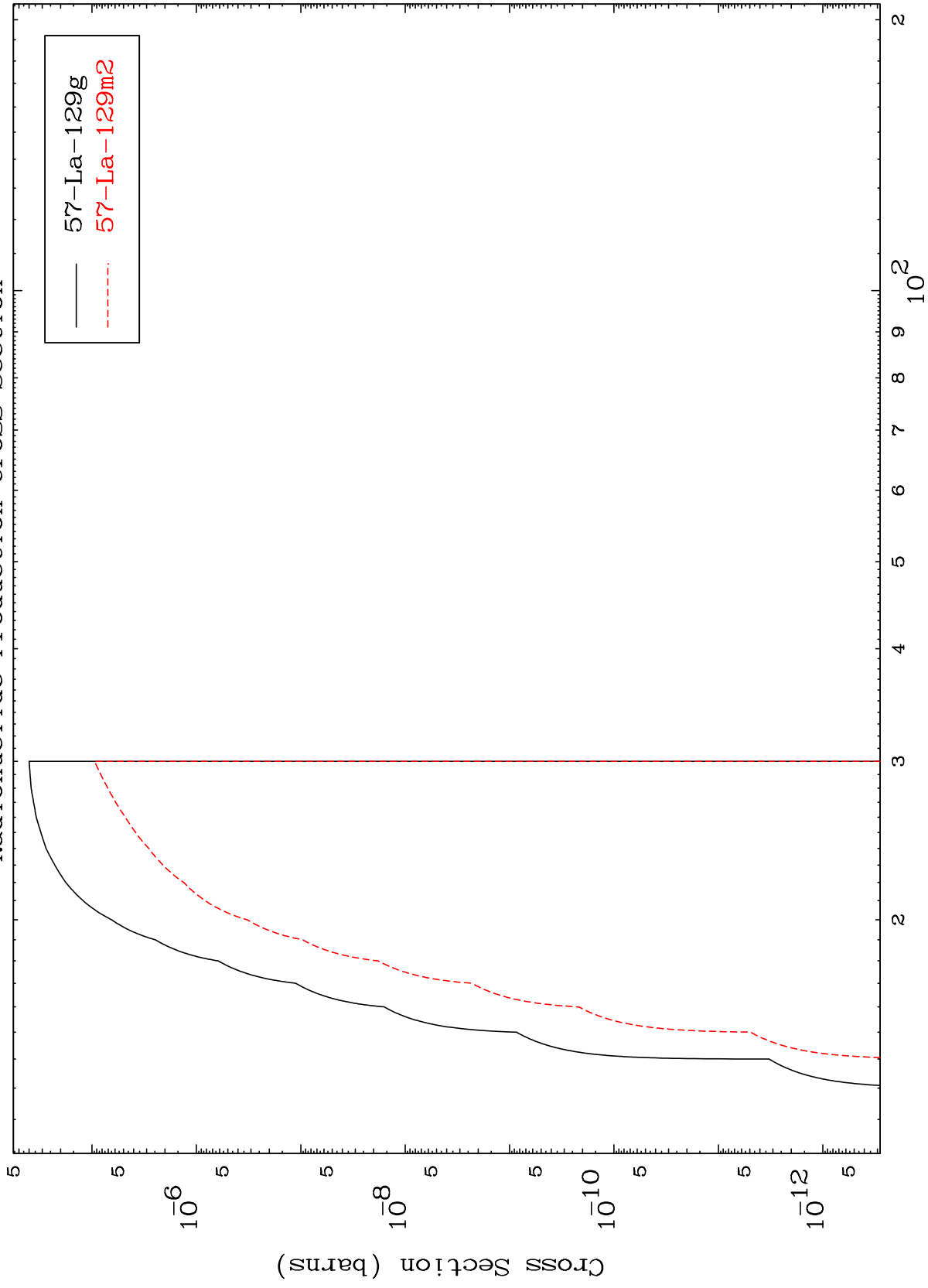
14

MAT 5811

( $\gamma, d$ )

58-Ce-131

Radionuclide Production Cross Section



15

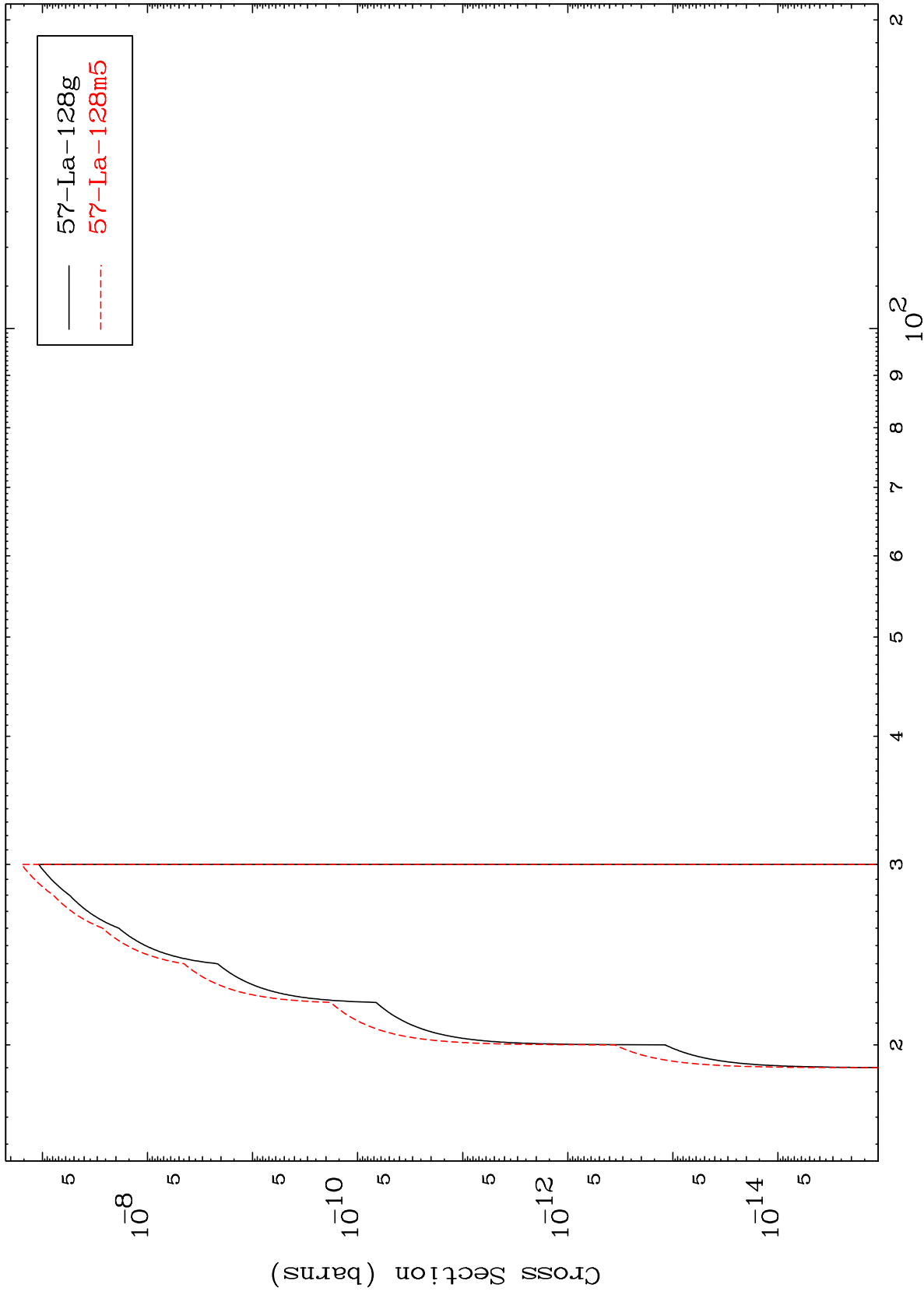
Incident Energy (MeV)

58-Ce-131

MAT 5811

58-Ce-131

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



16

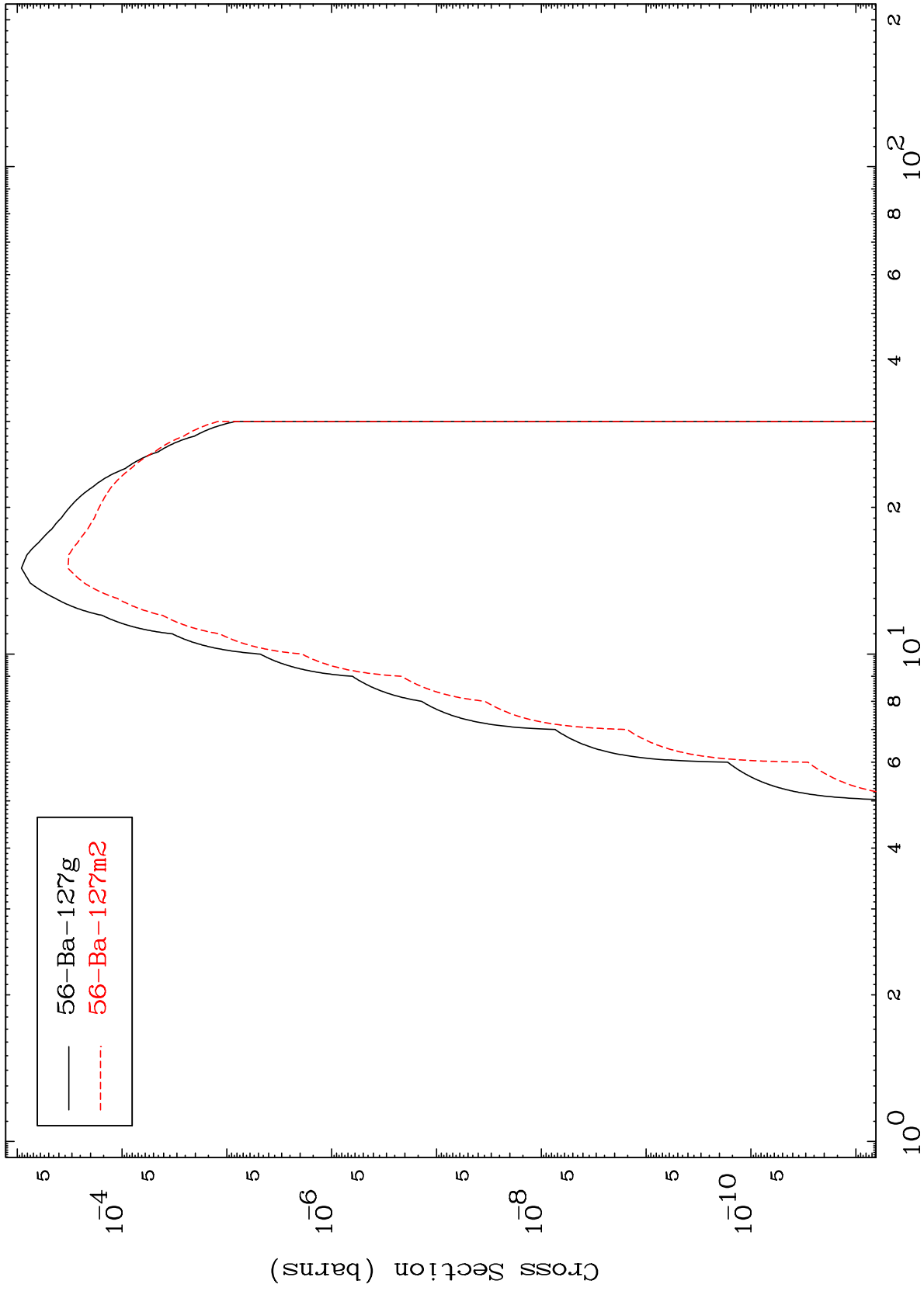
Incident Energy (MeV)

58-Ce-131

MAT 5811

58-Ce-131

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



17

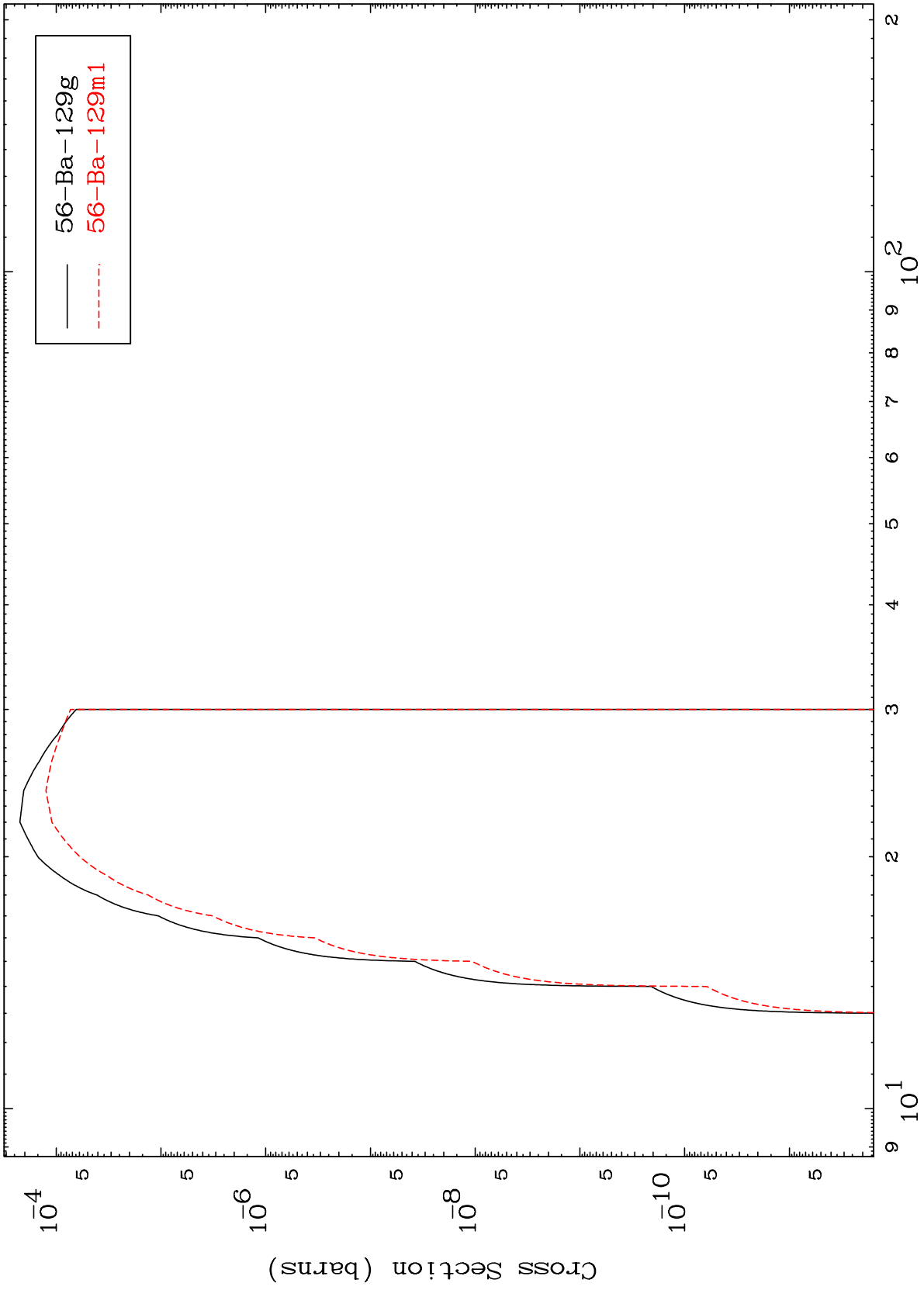
Incident Energy (MeV)

58-Ce-131

MAT 5811

58-Ce-131

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



18

Incident Energy (MeV)

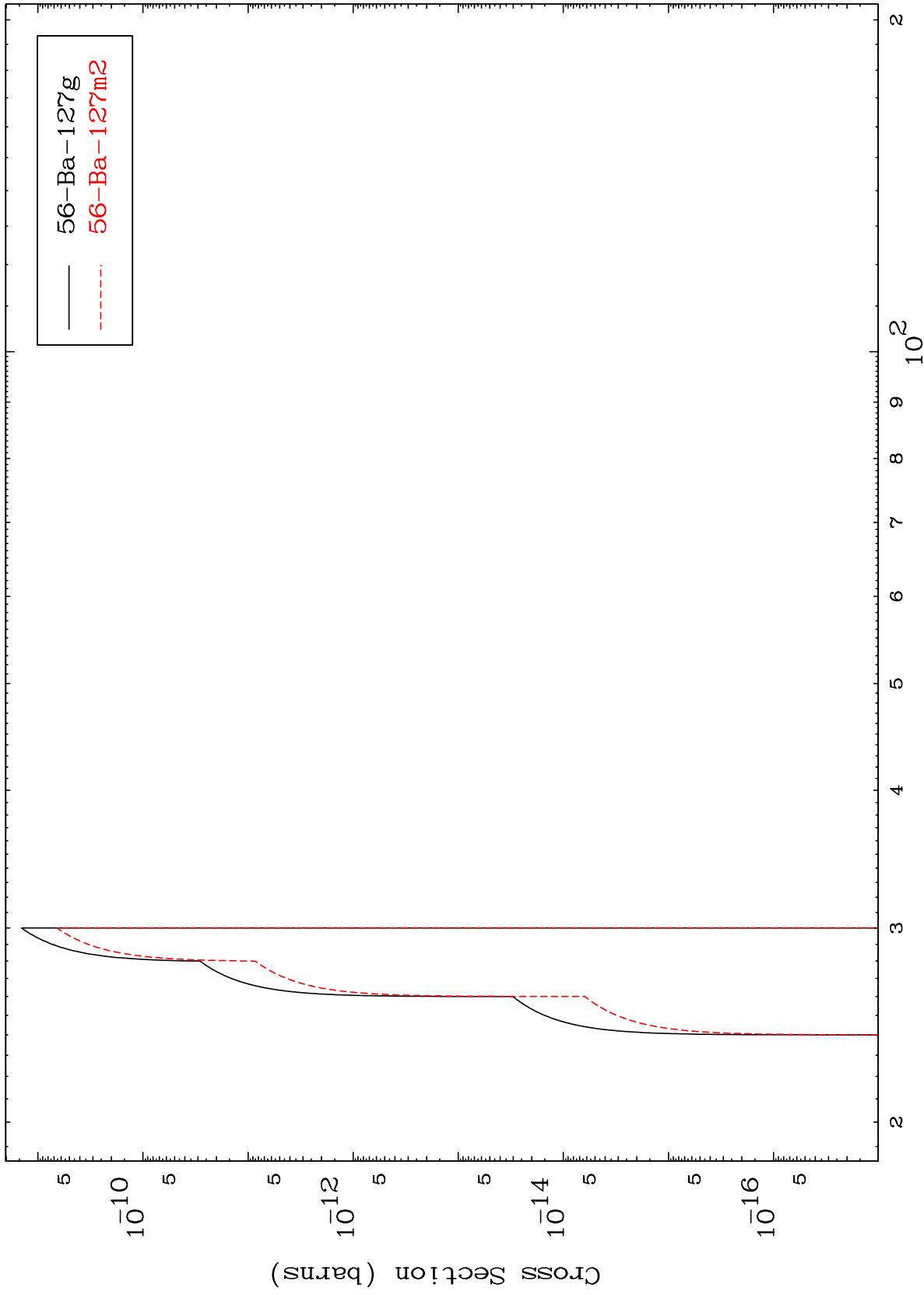
58-Ce-131

MAT 5811

( $\gamma, p$ ) t

58-Ce-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

58-Ce-131