

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

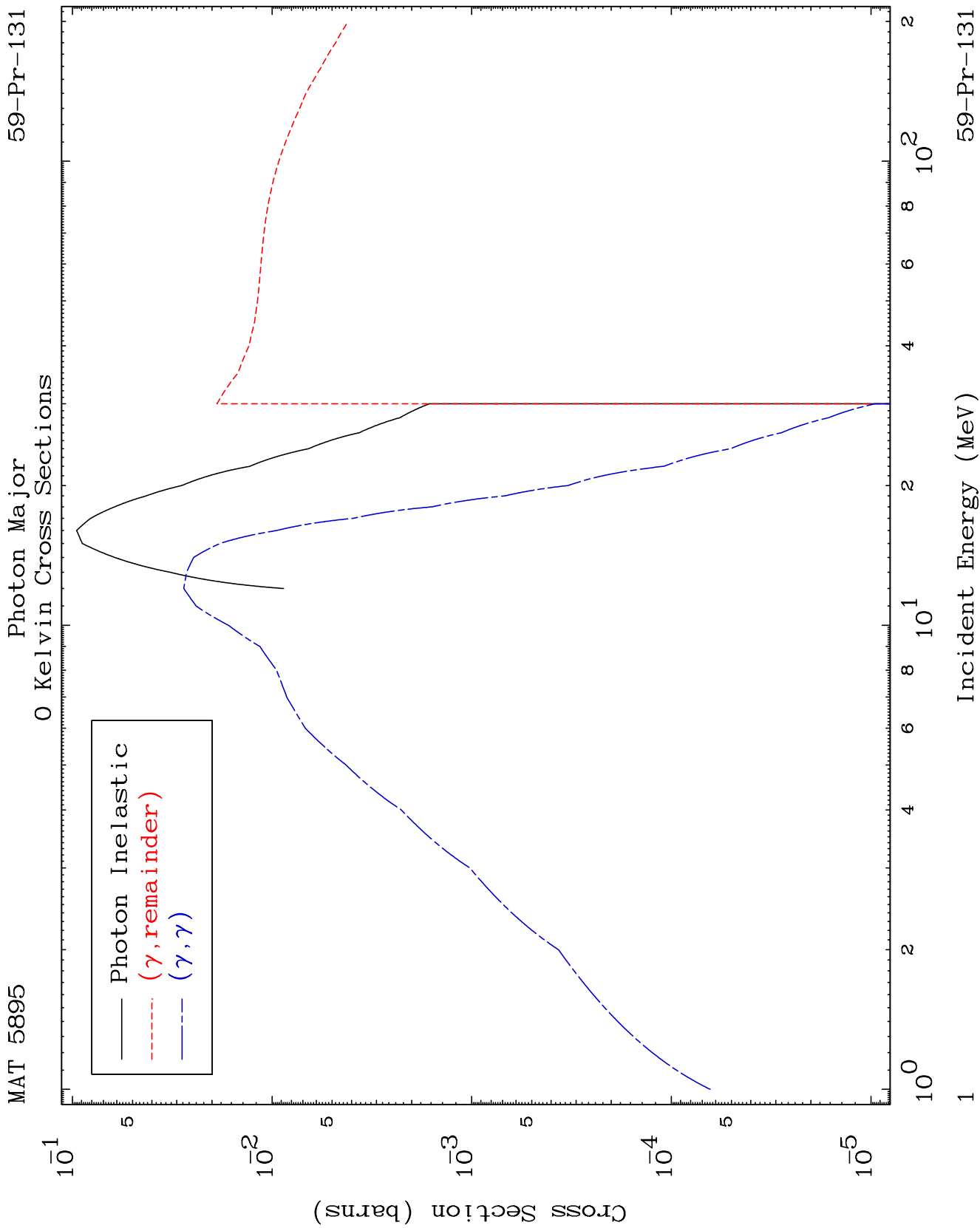
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

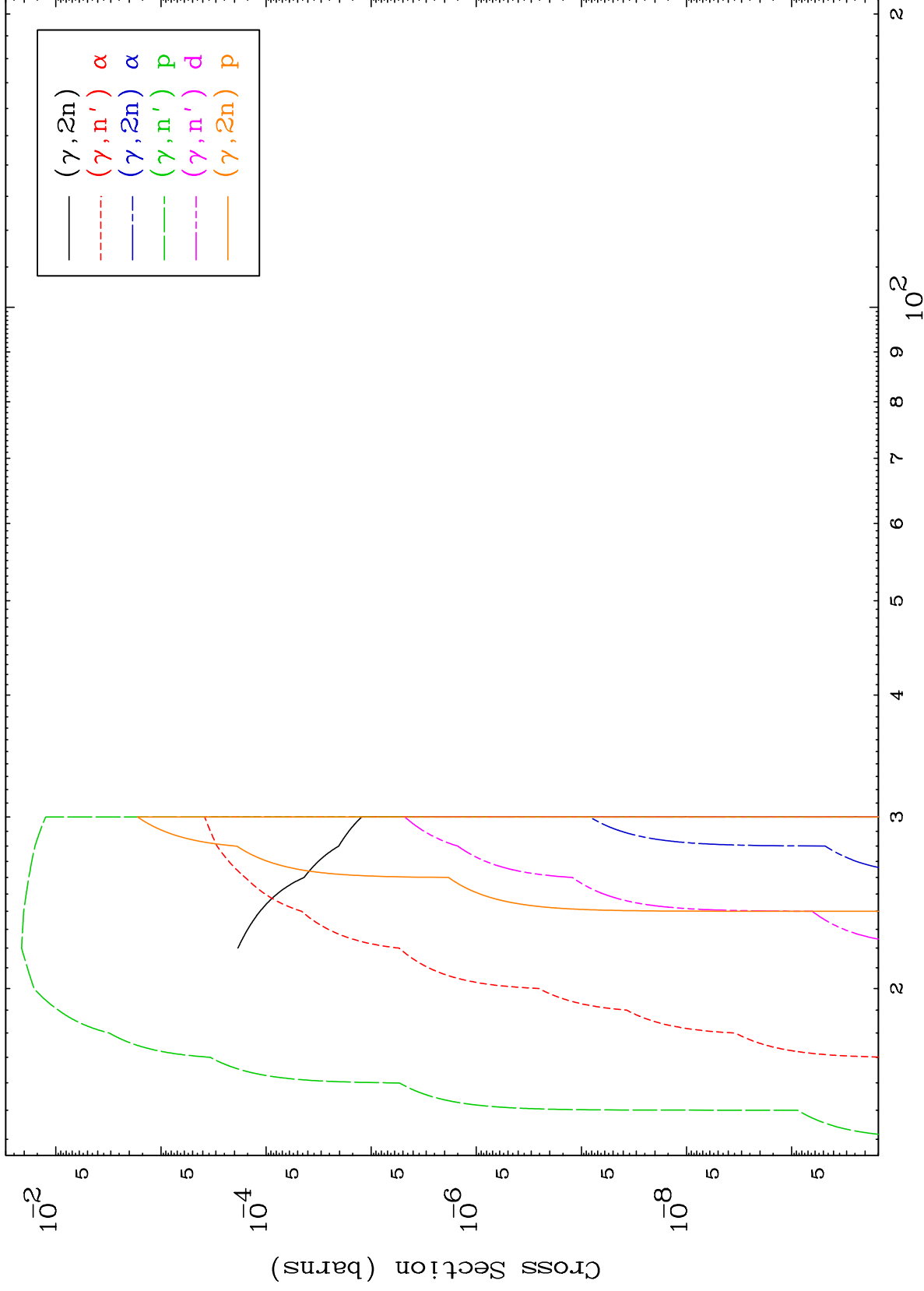
Tele: 925-443-1911

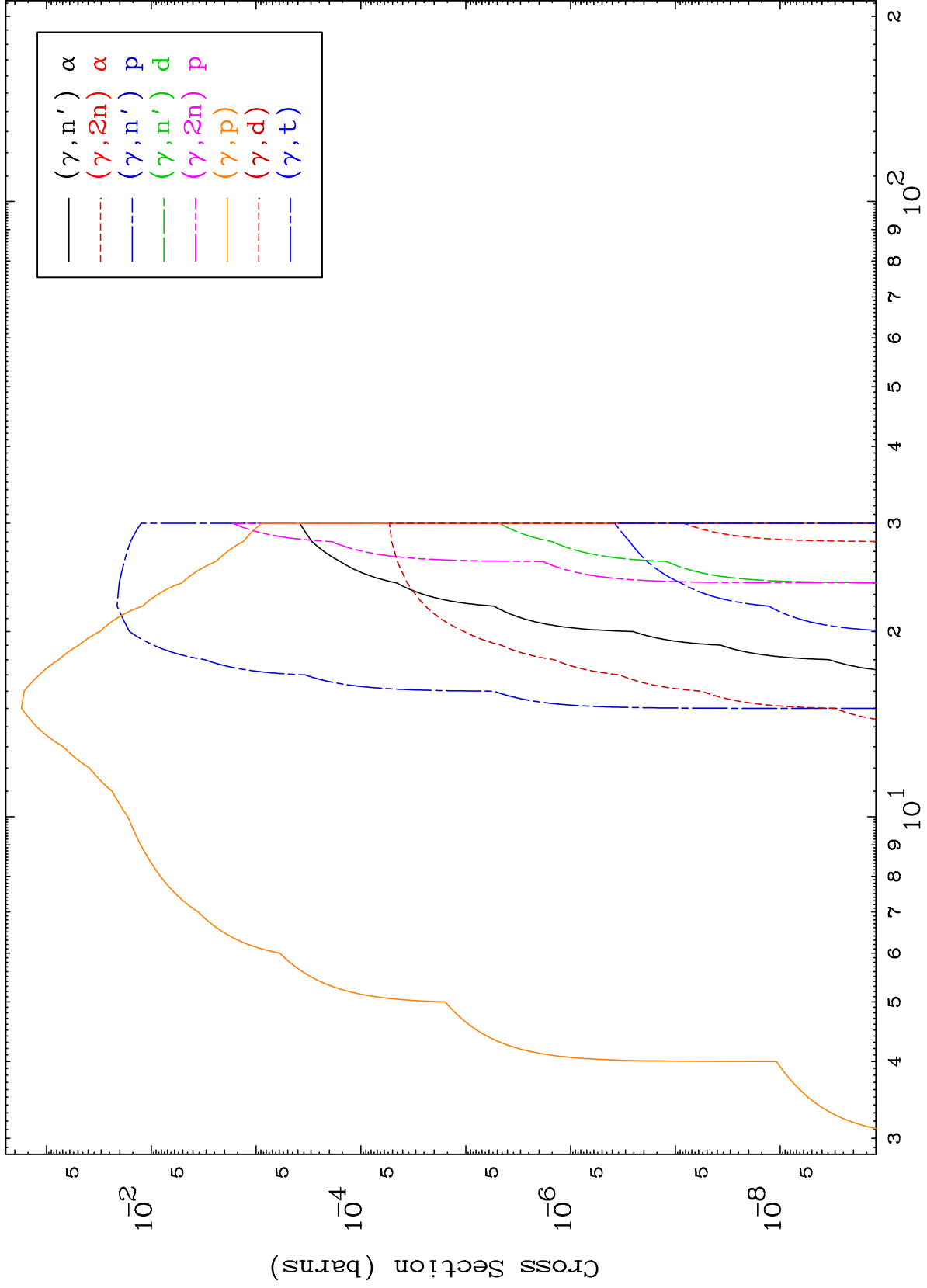
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



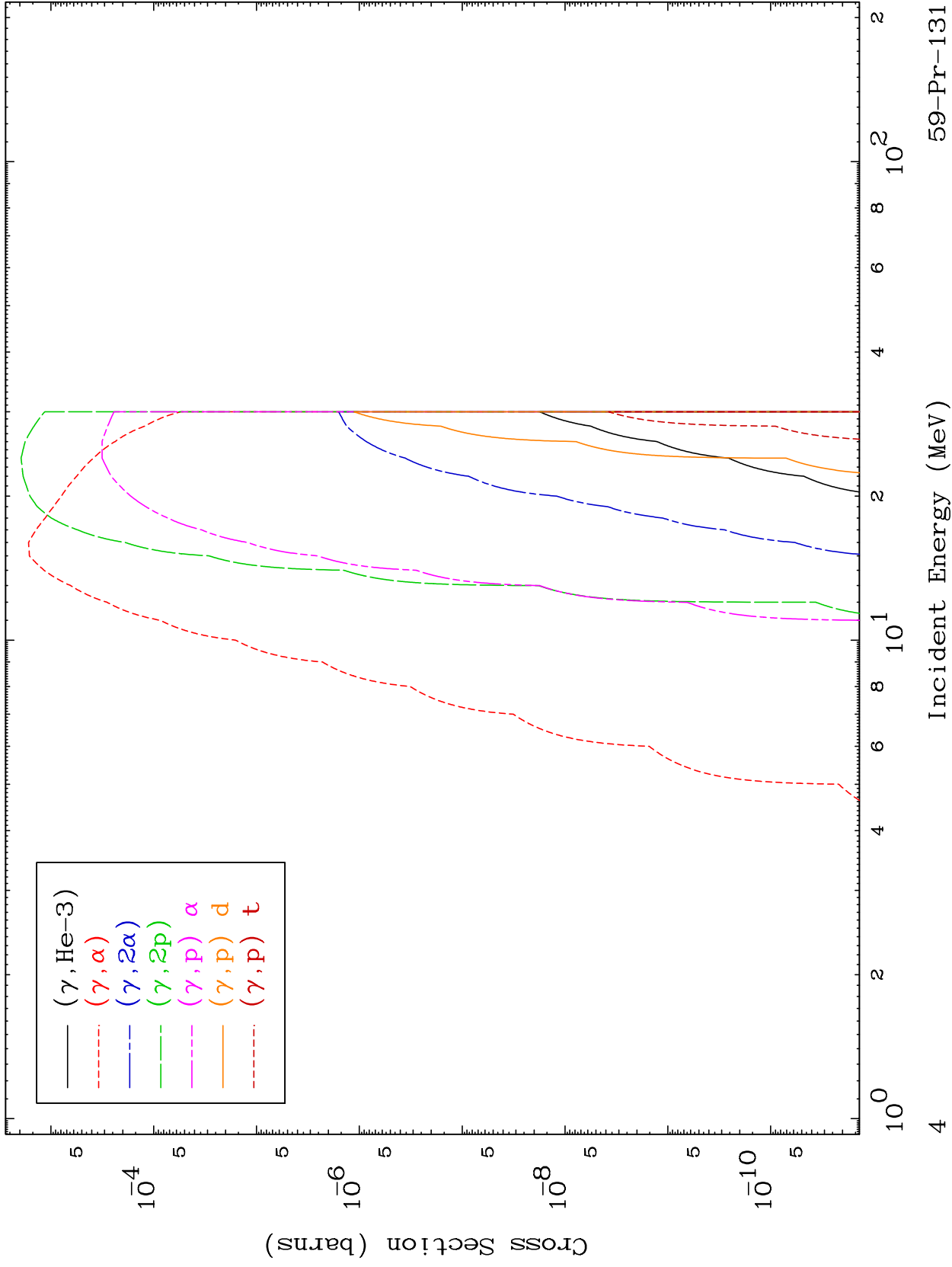




MAT 5895

Photon Charged Particle  
0 Kelvin Cross Sections

59-Pr-131



59-Pr-131

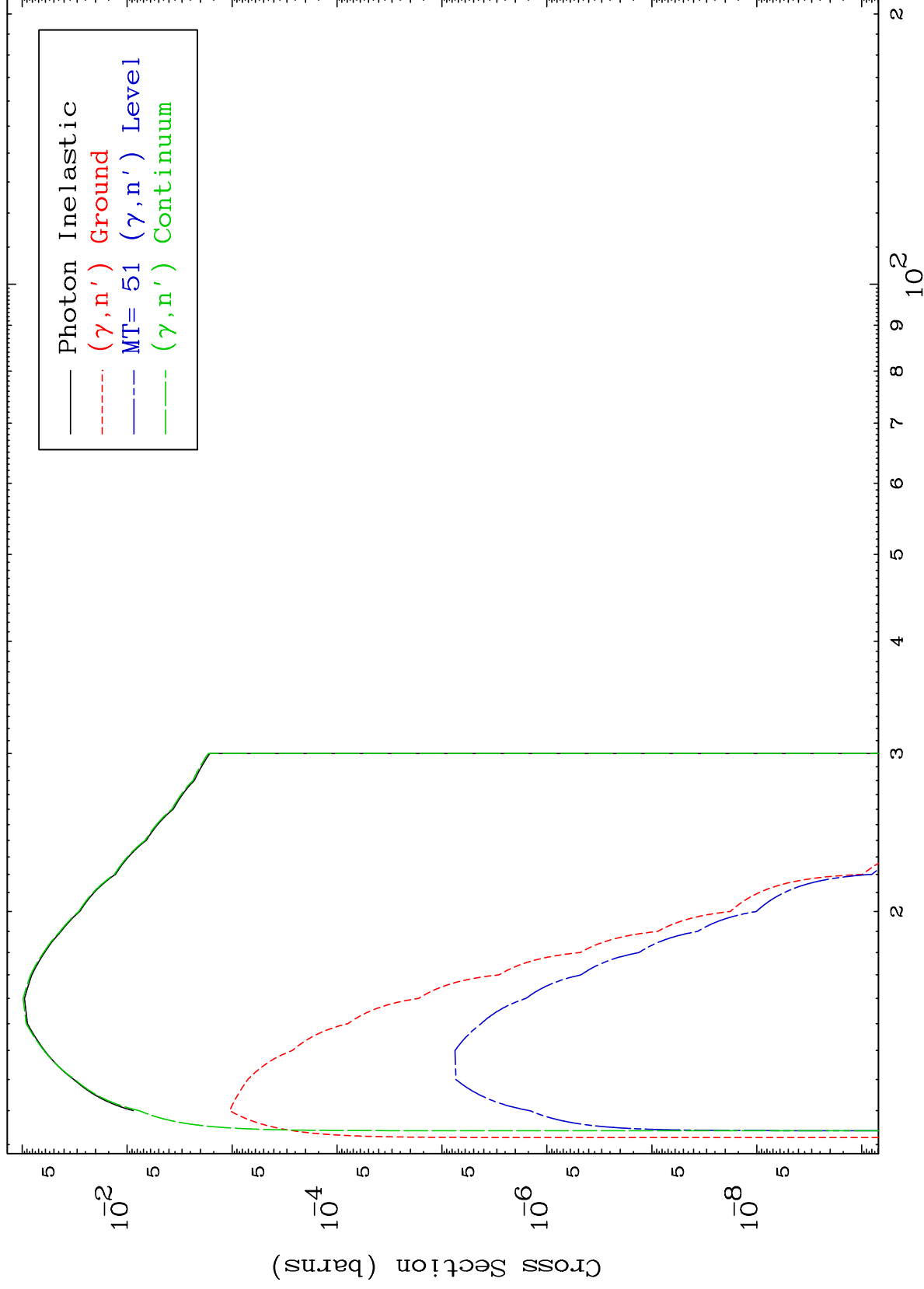
Incident Energy (MeV)

MAT 5895

$(\gamma, n')$  Level

59-Pr-131

0 Kelvin Cross Sections



Incident Energy (MeV)

59-Pr-131

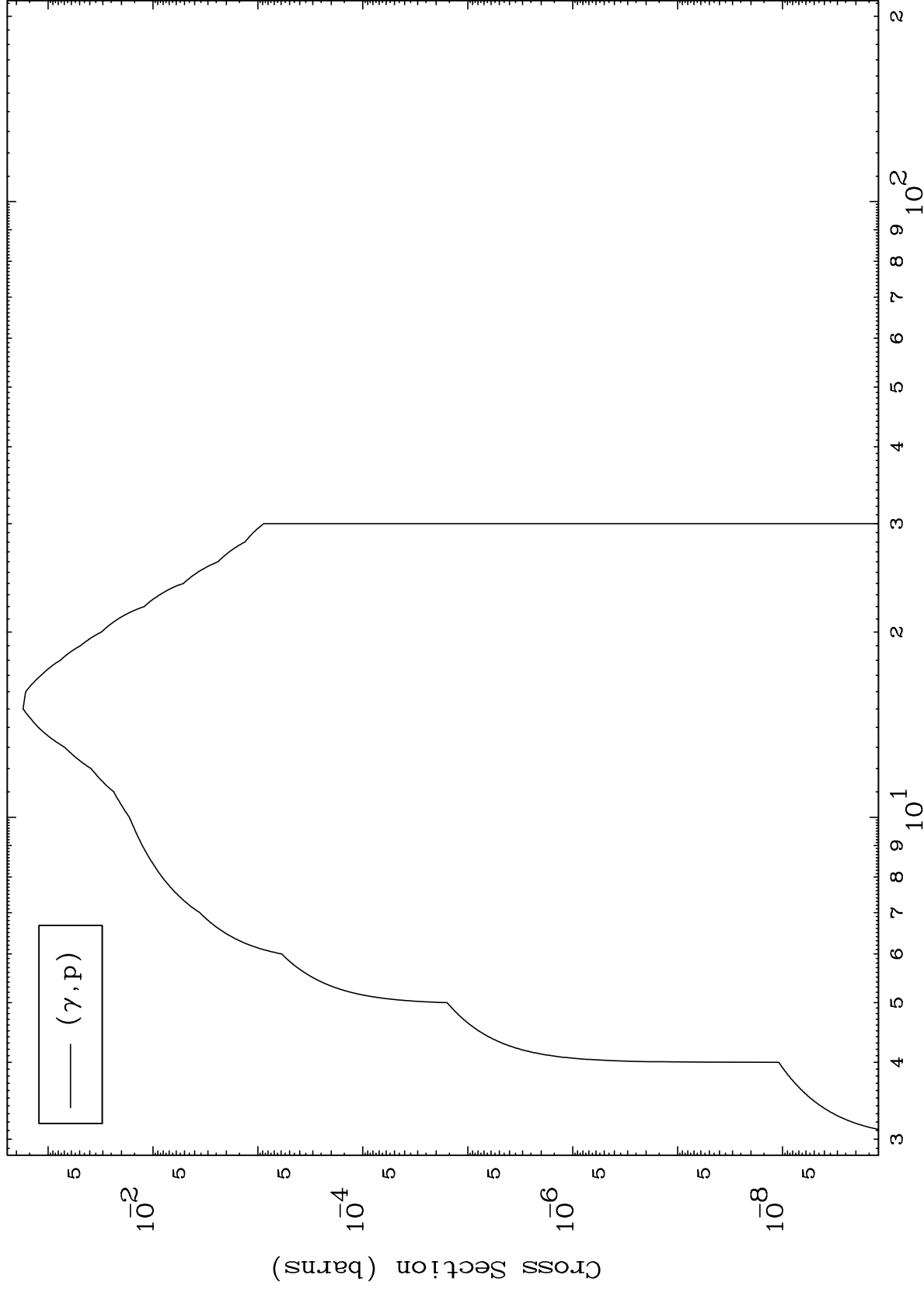
5

MAT 5895

( $\gamma, p$ ) Levels

59-Pr-131

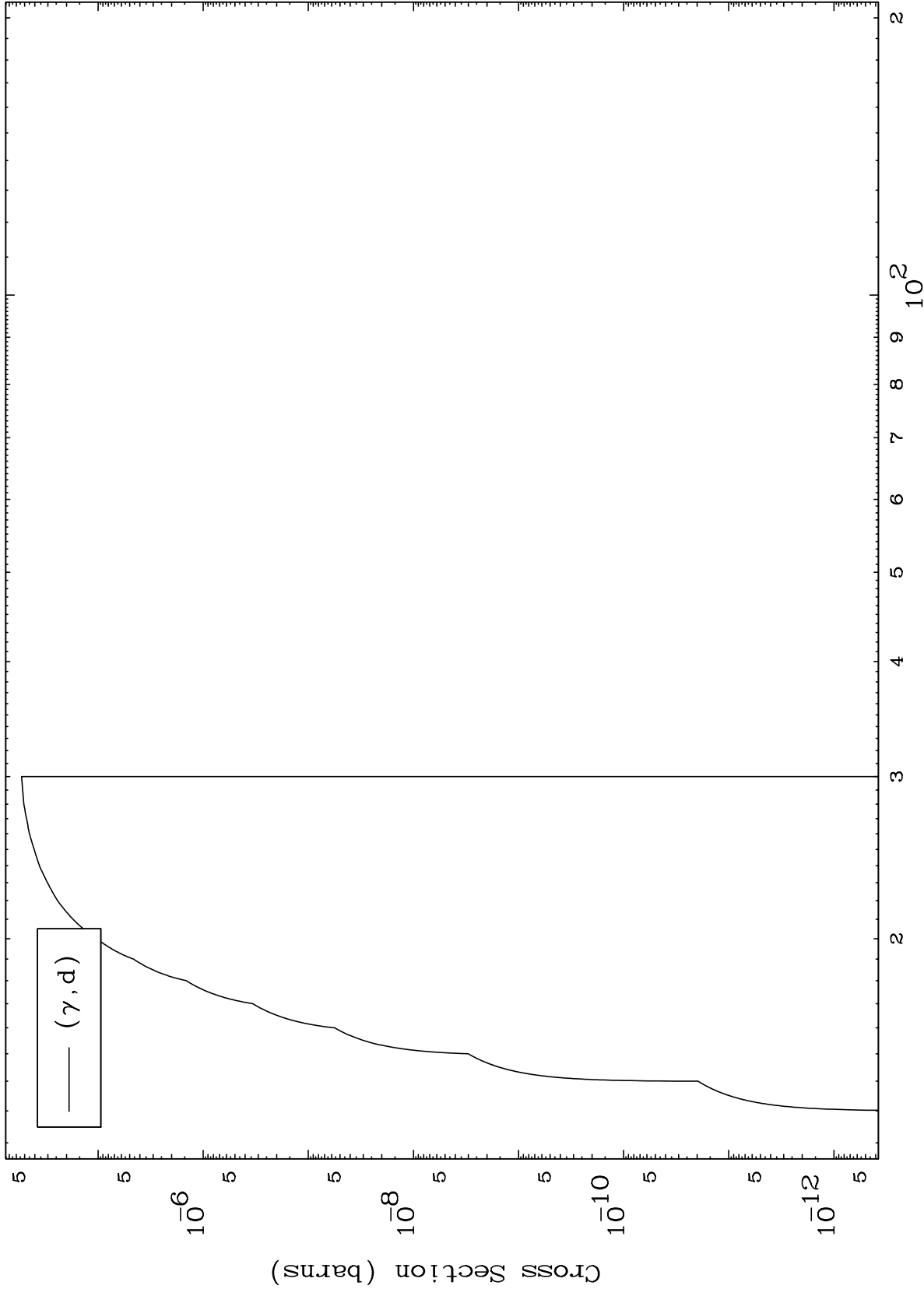
0 Kelvin Cross Sections



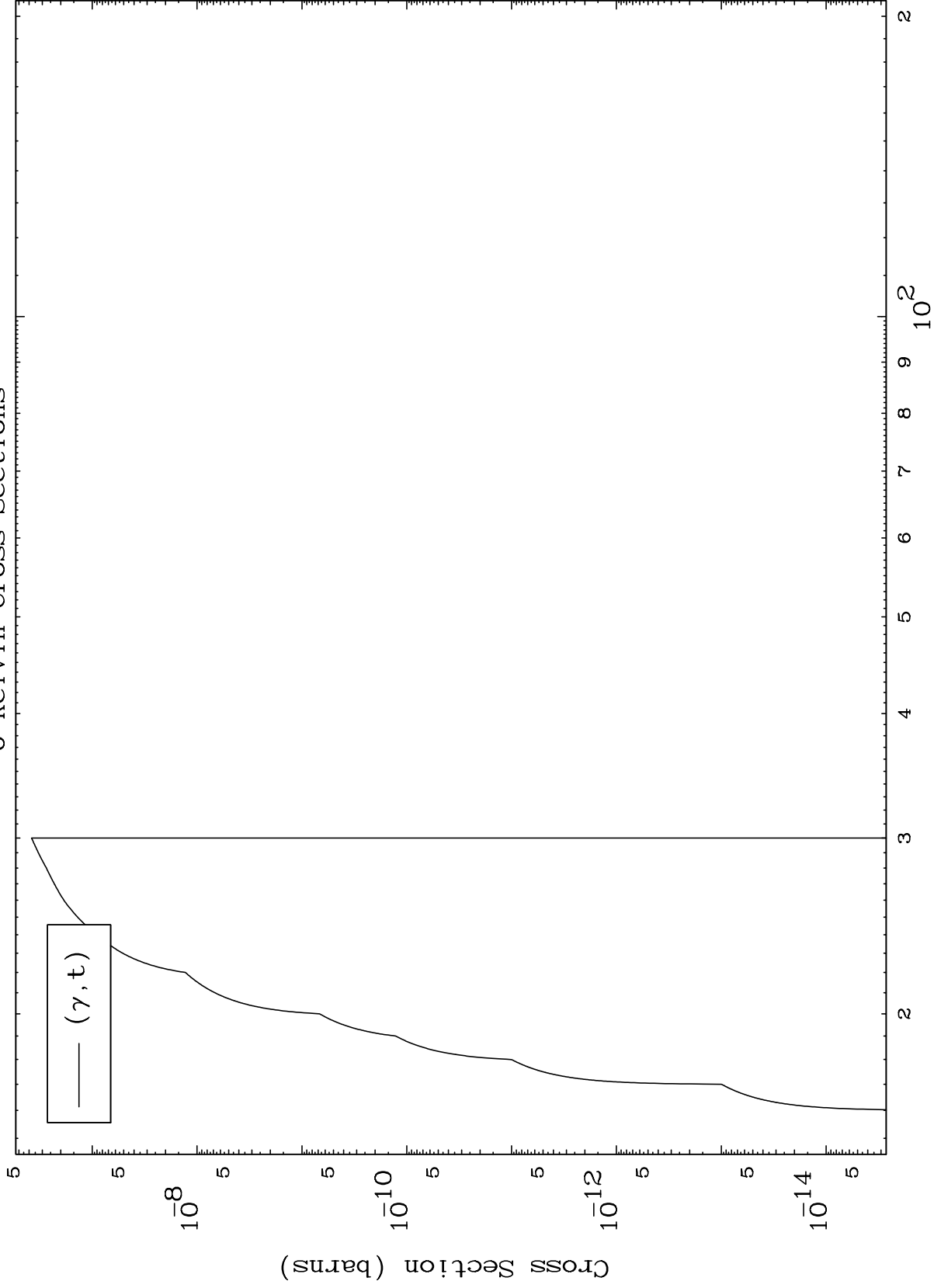
Incident Energy (MeV)

59-Pr-131

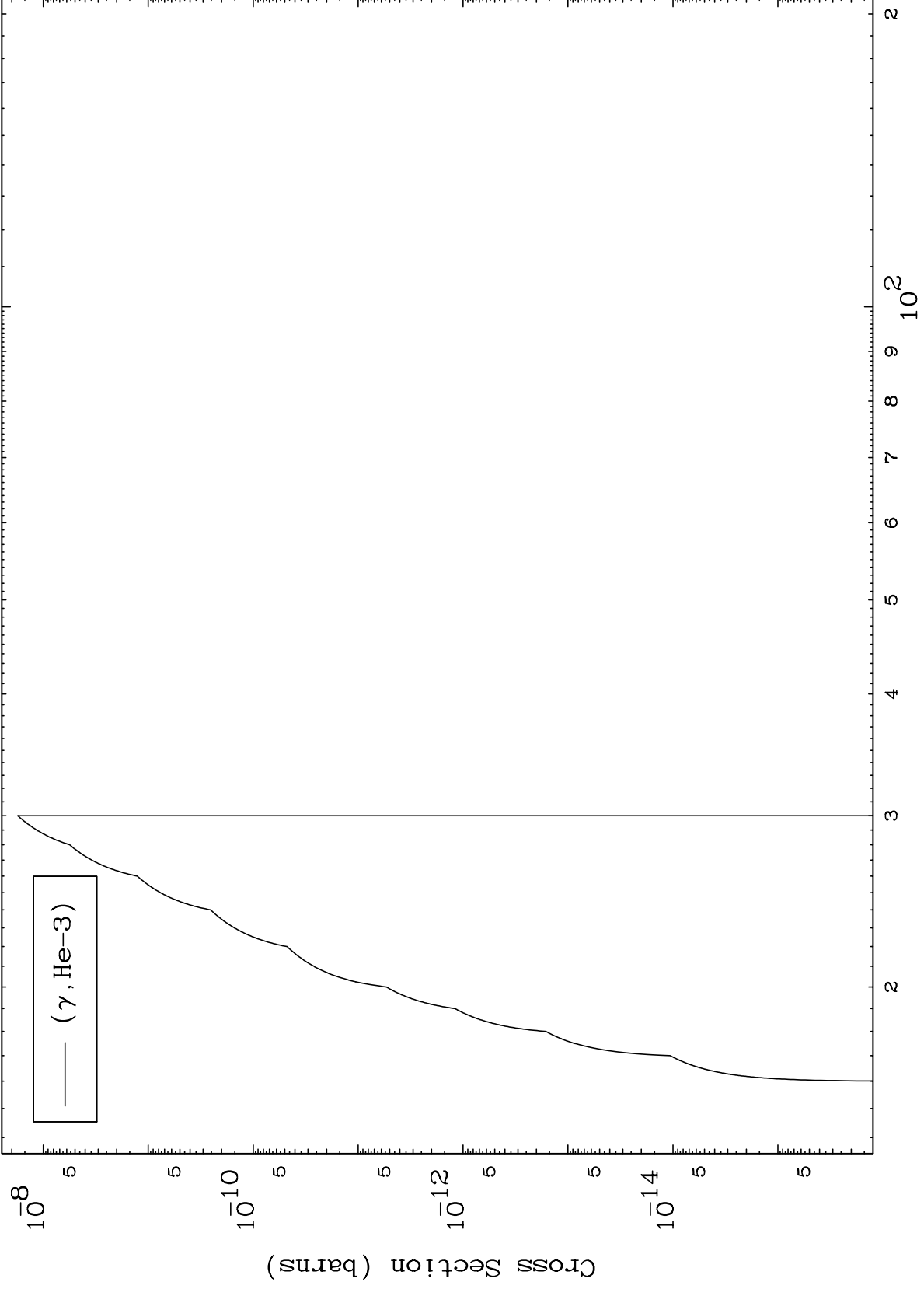
6







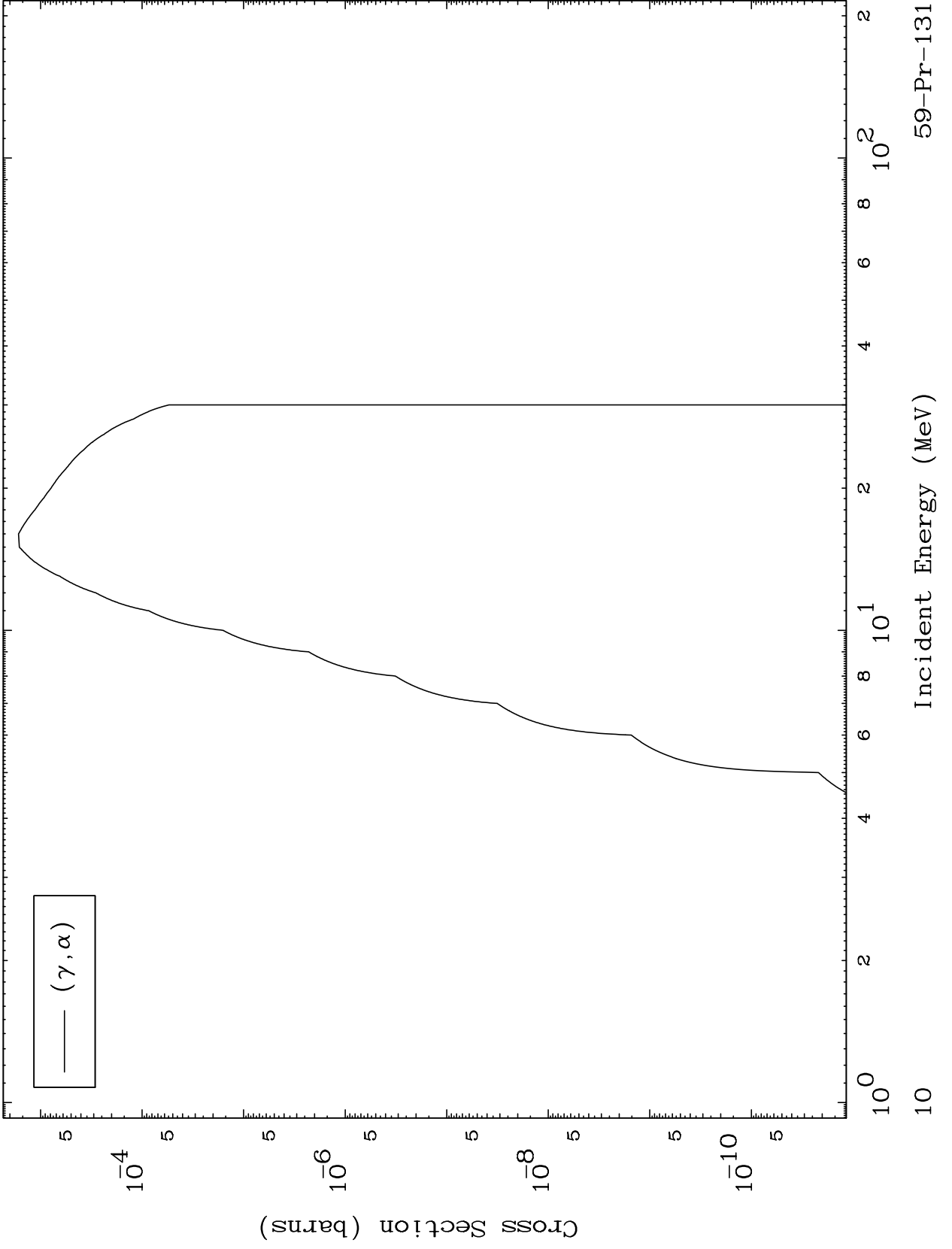
( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



MAT 5895

59-Pr-131

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



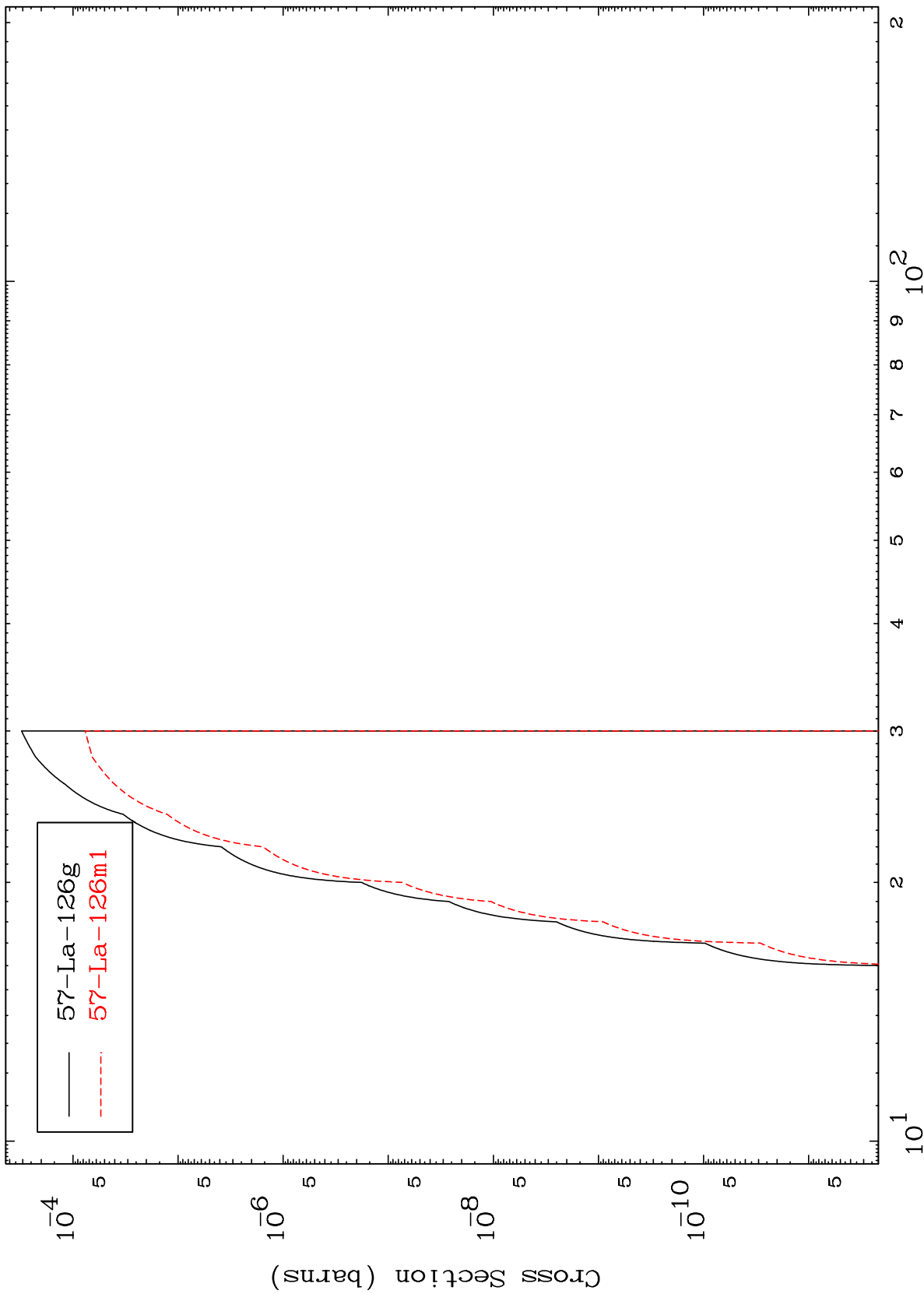
59-Pr-131

MAT 5895

$(\gamma, n')$   $\alpha$

59-Pr-131

Radionuclide Production Cross Section



11

Incident Energy (MeV)

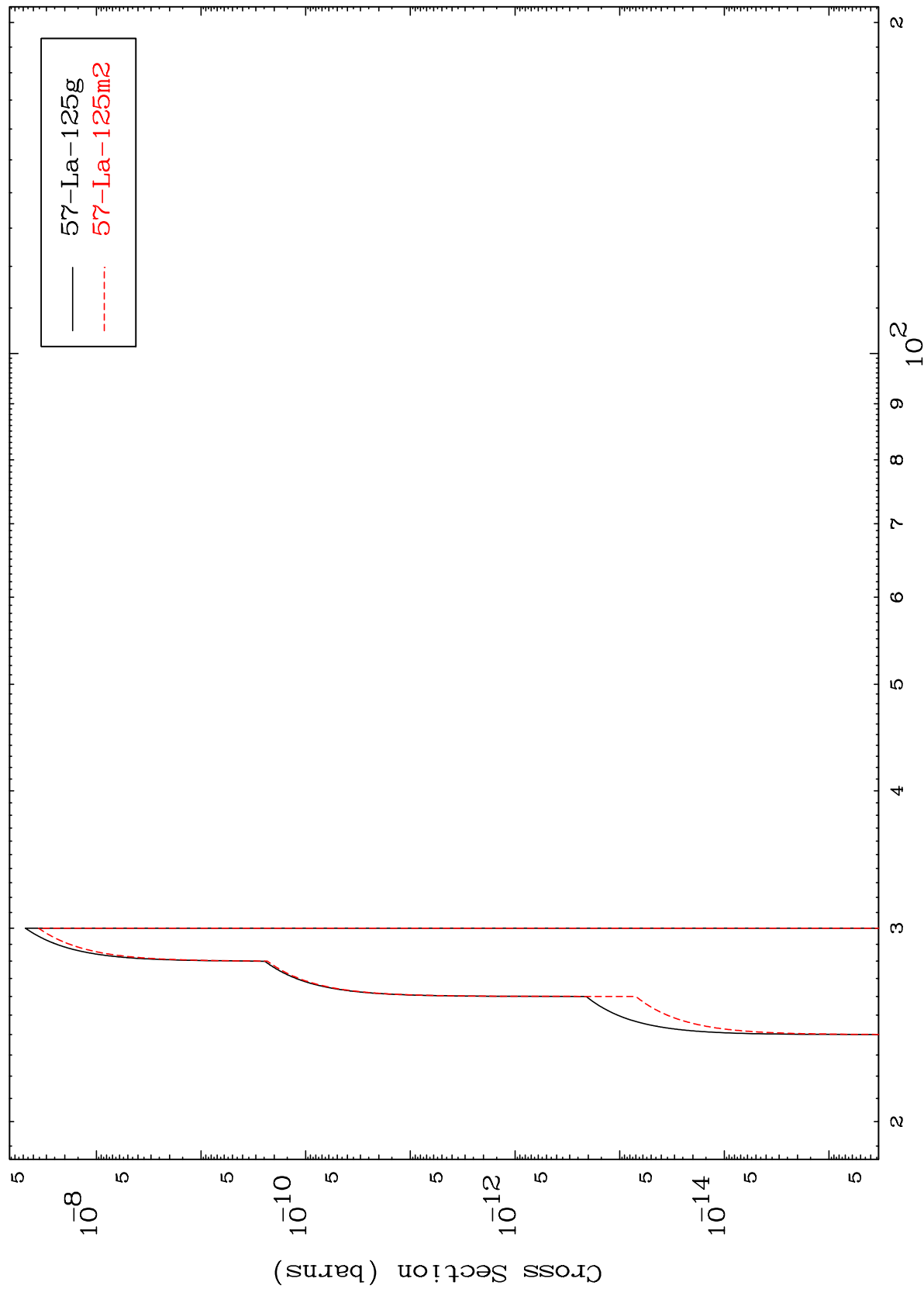
59-Pr-131

MAT 5895

59-Pr-131

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section



12

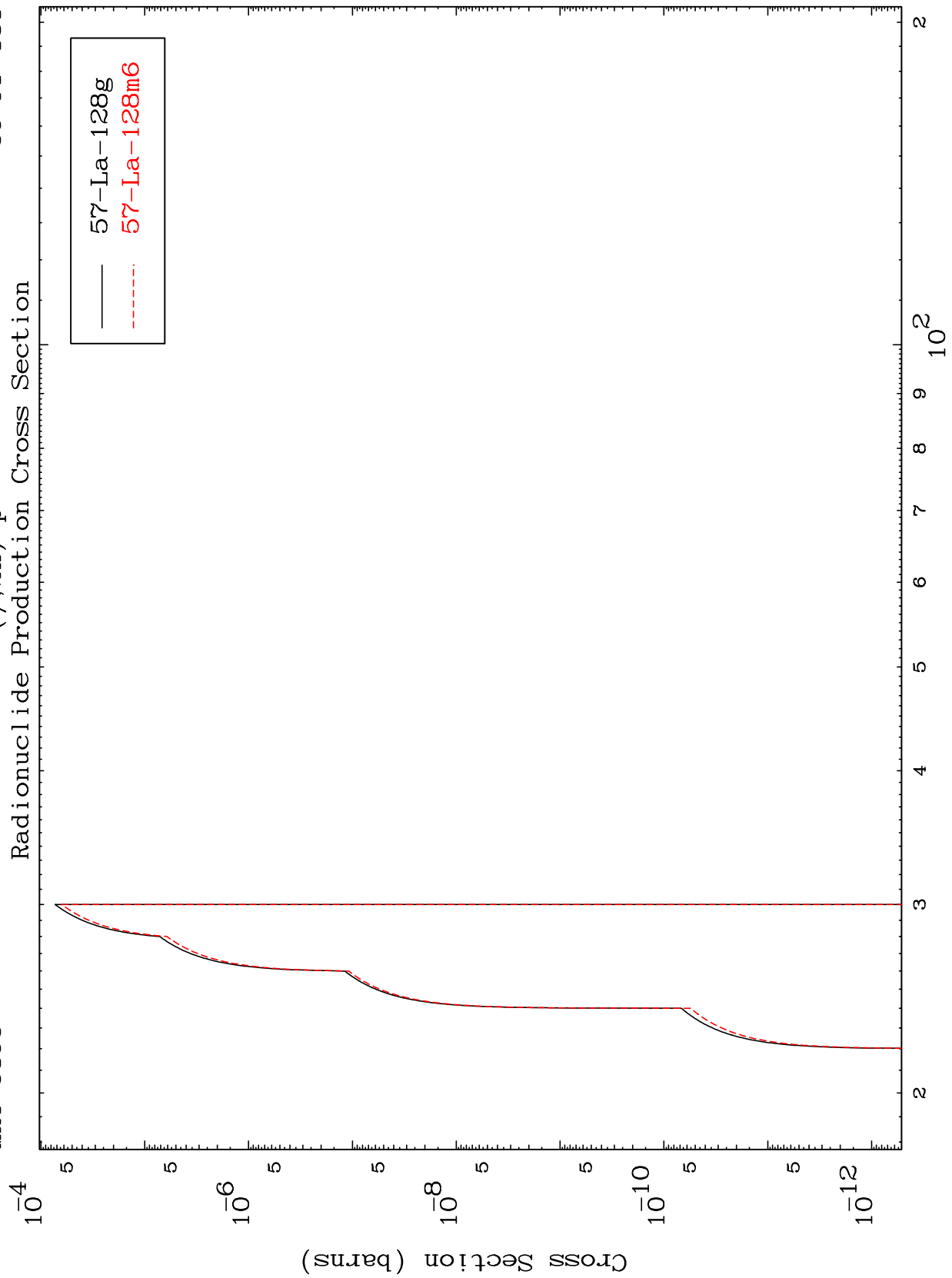
Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131

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



13

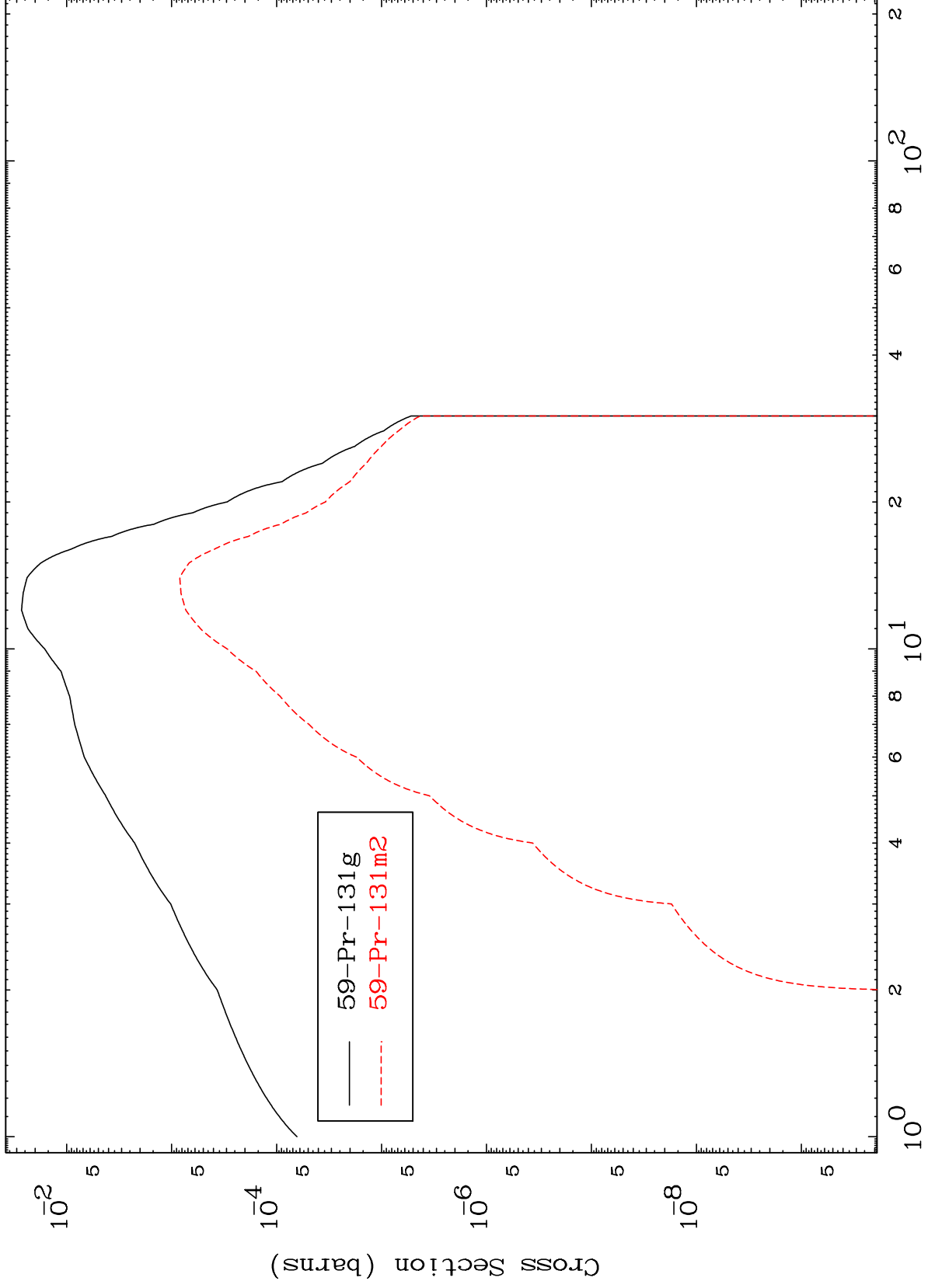
Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131

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



59-Pr-131

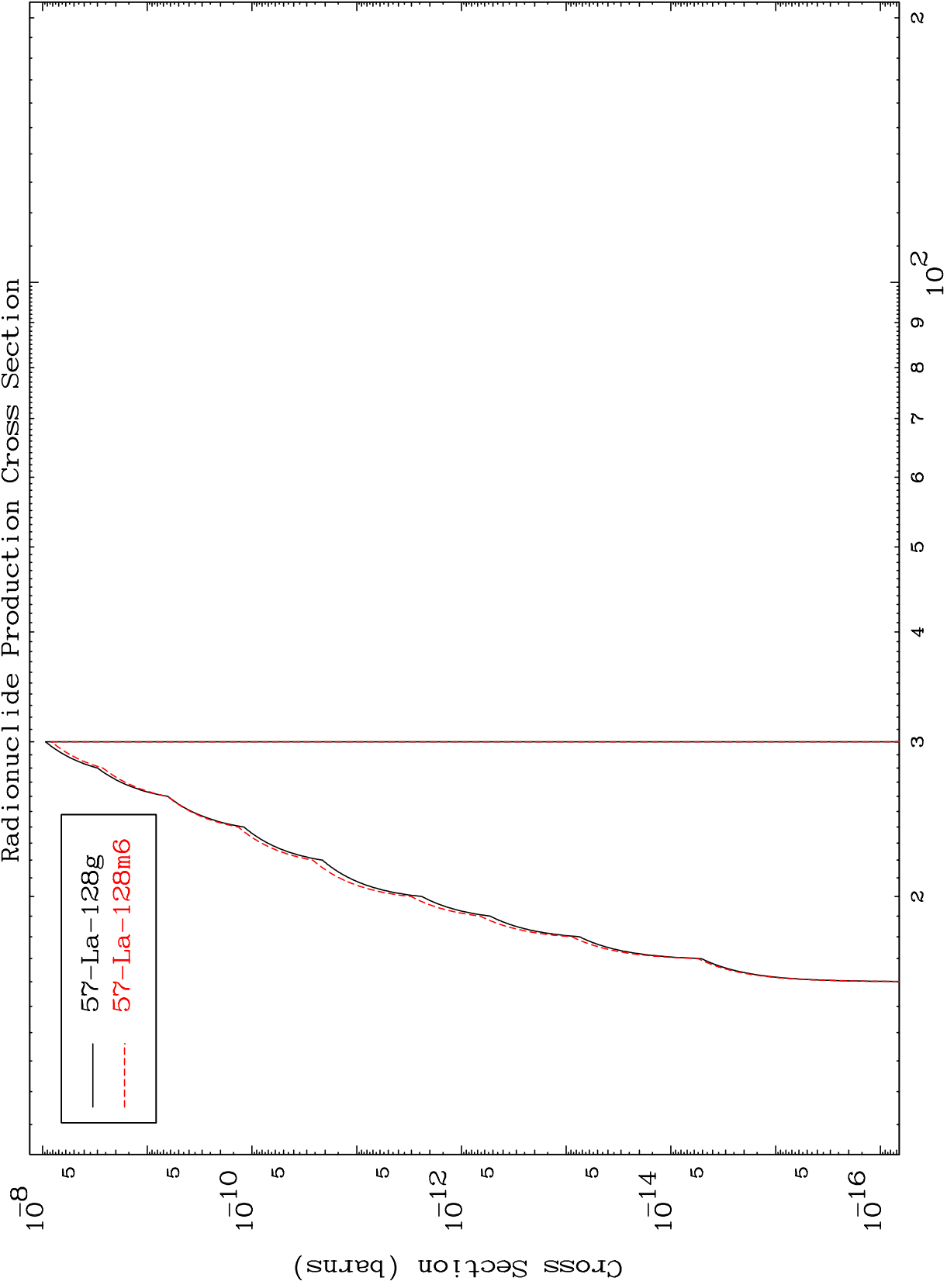
Incident Energy (MeV)

14

MAT 5895

59-Pr-131

( $\gamma, \text{He-3}$ )  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

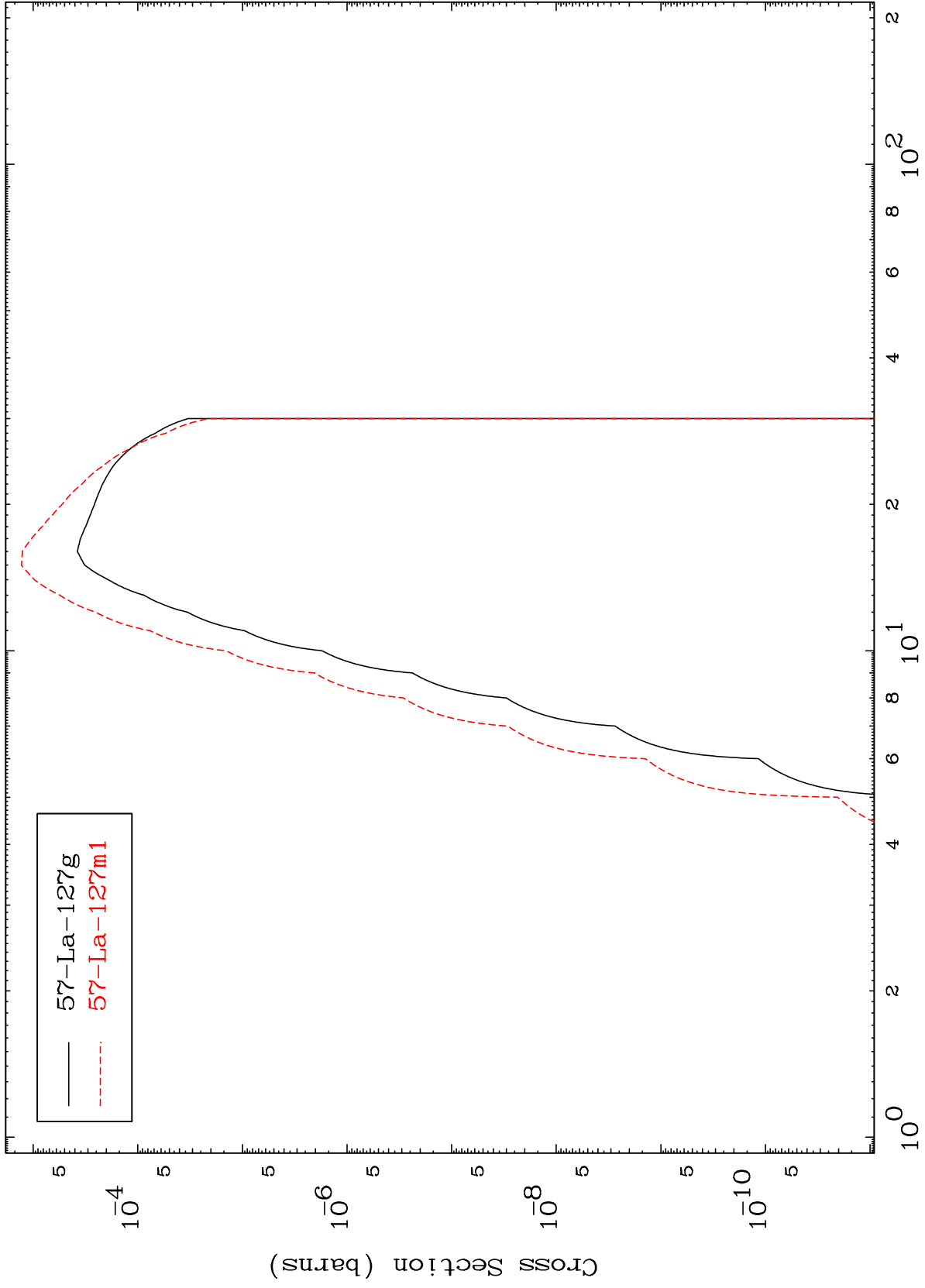
59-Pr-131



MAT 5895

59-Pr-131

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



Incident Energy (MeV)

59-Pr-131

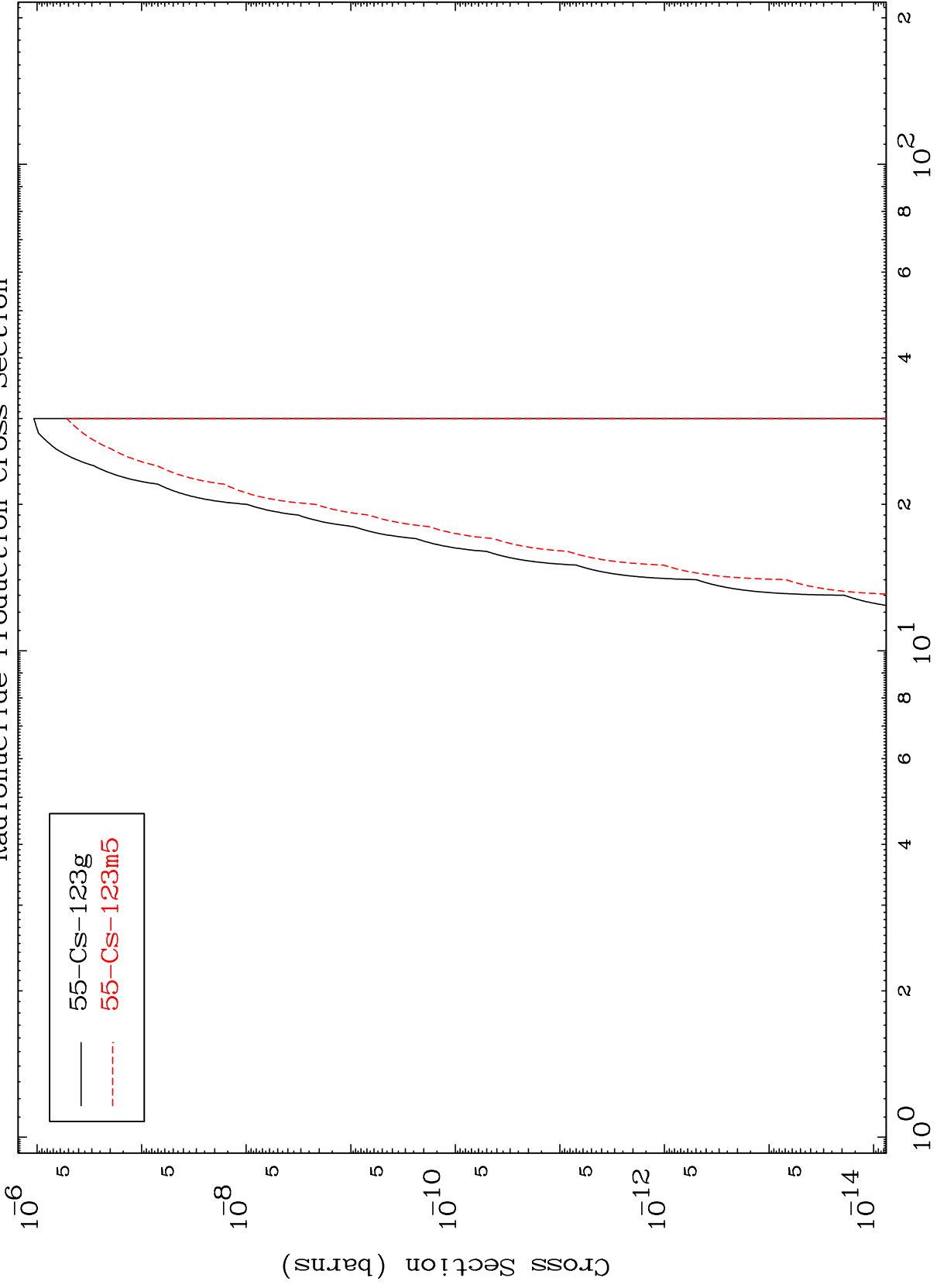
16

MAT 5895

( $\gamma, 2\alpha$ )

59-Pr-131

Radionuclide Production Cross Section



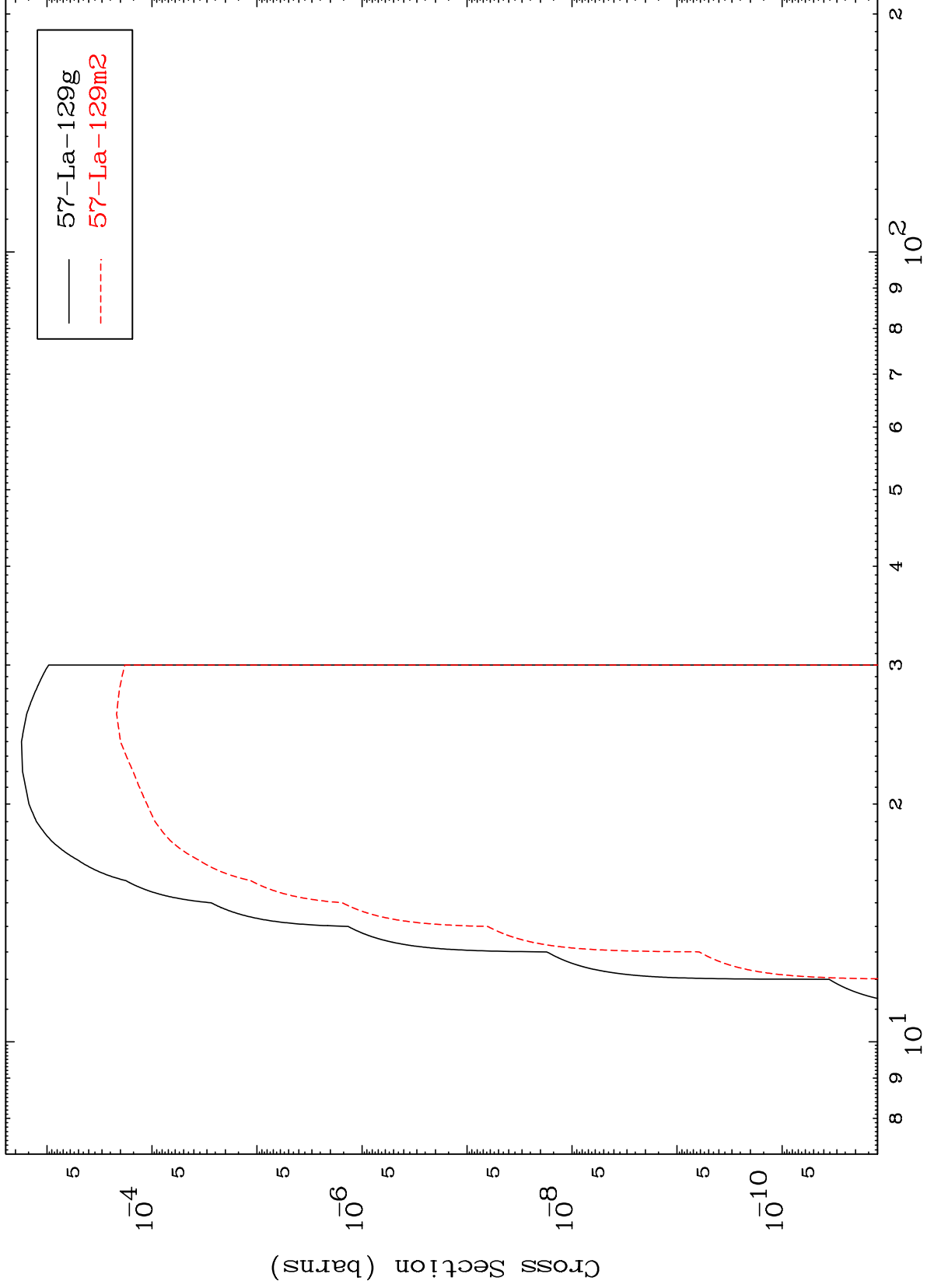
Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131

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

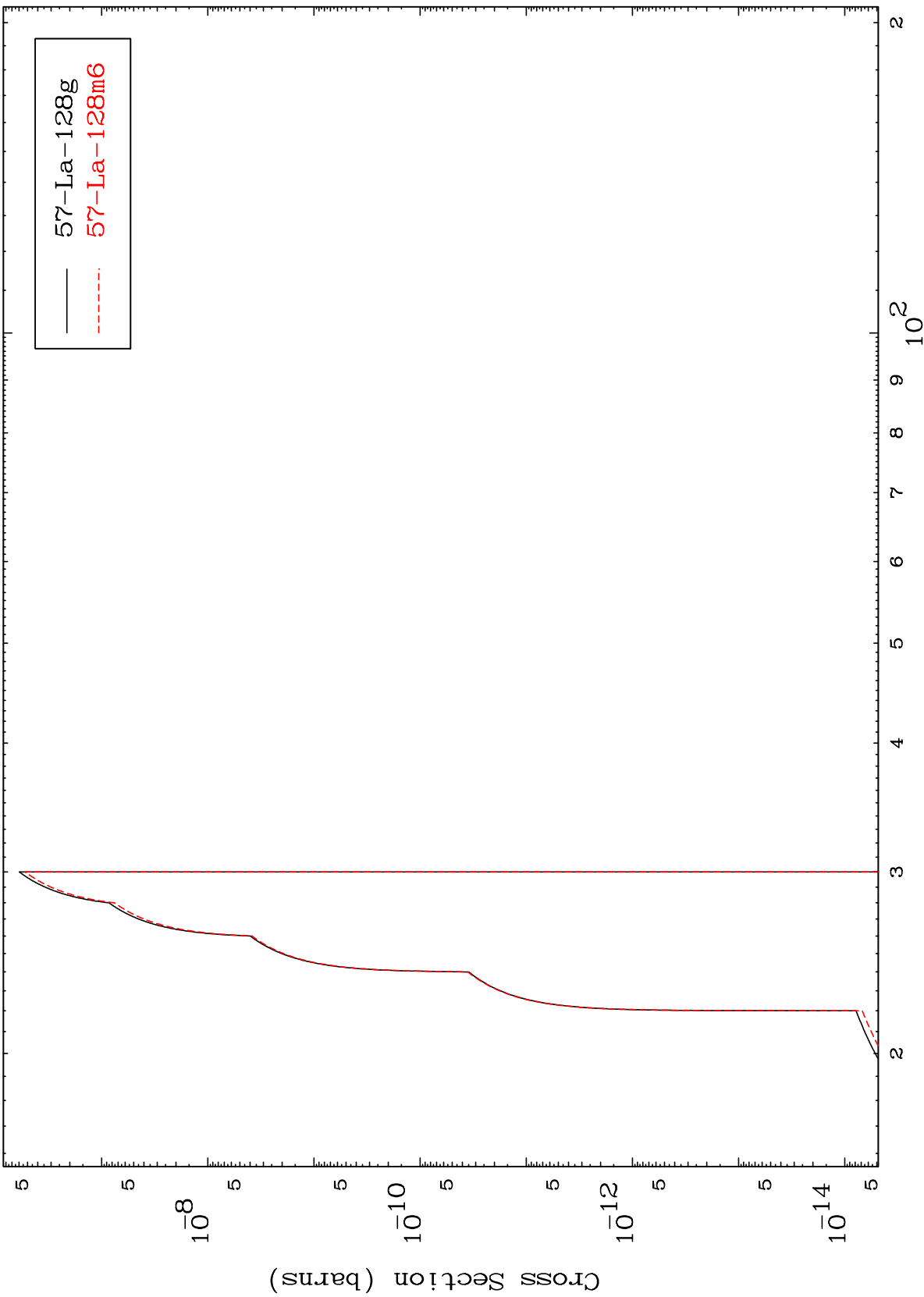


18

Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section



Radionuclide Production Cross Section

