

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

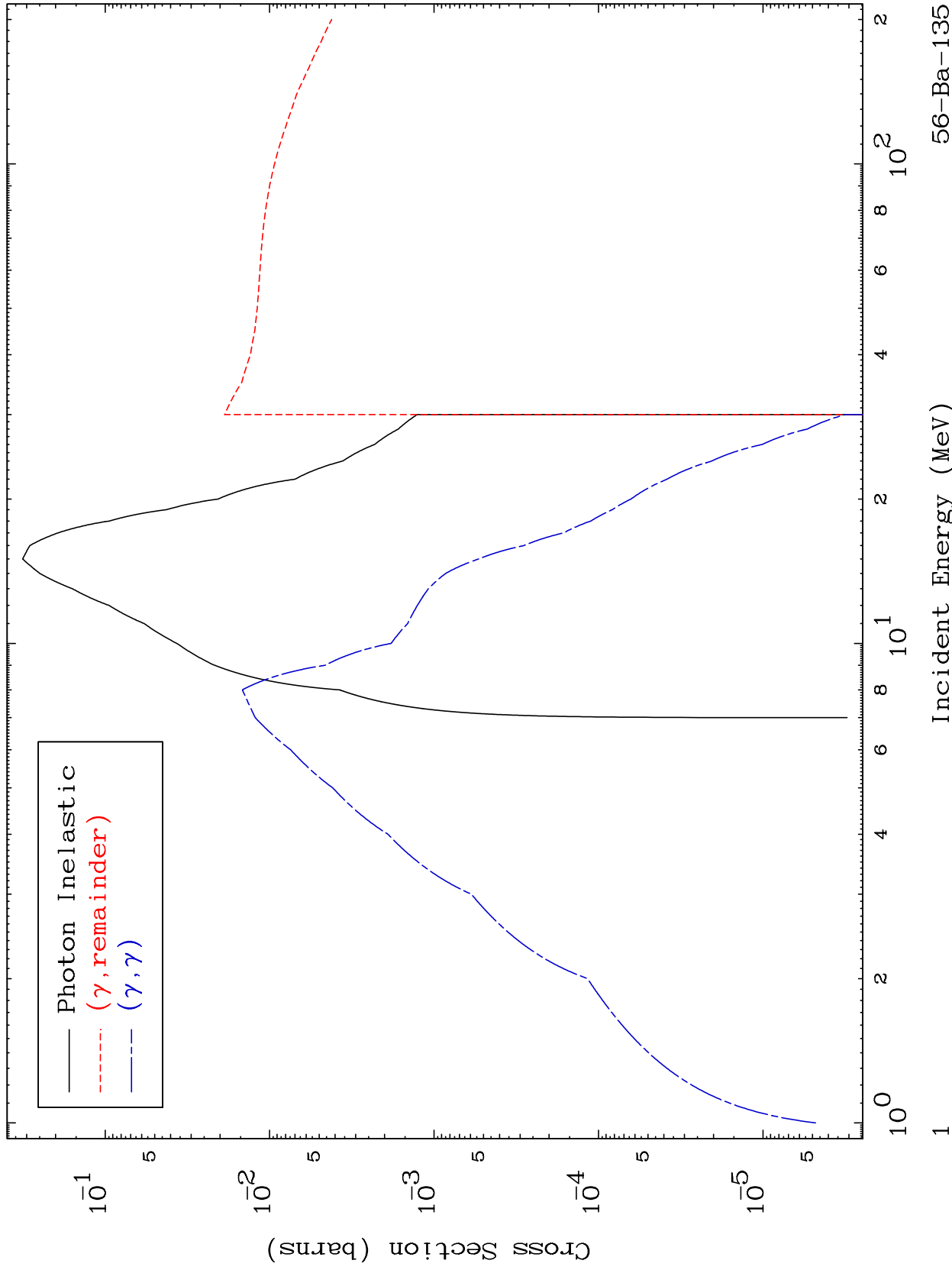
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5641

Photon Major  
0 Kelvin Cross Sections

56-Ba-135

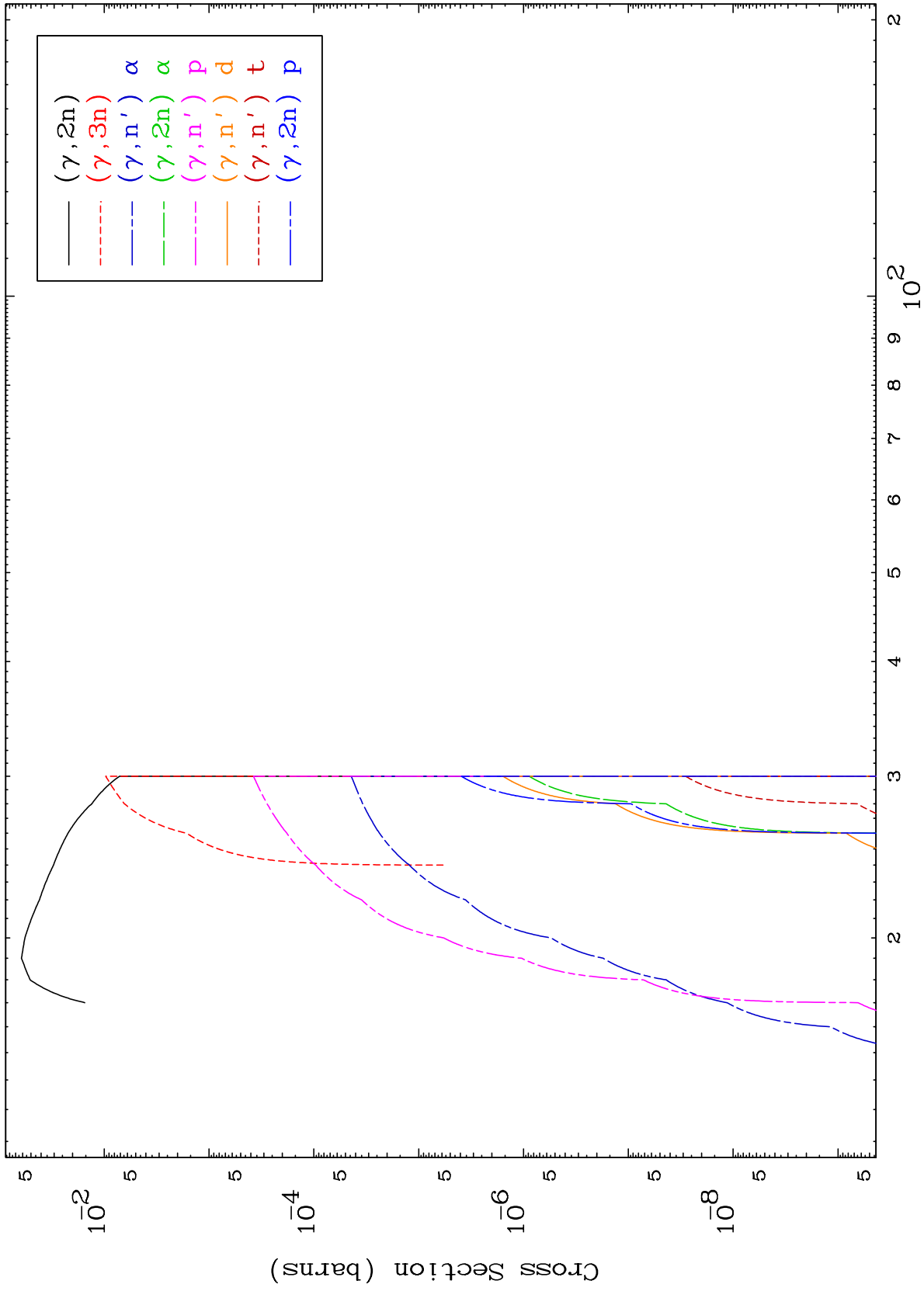


56-Ba-135

MAT 5641

Photon Neutron Production  
0 Kelvin Cross Sections

56-Ba-135



2

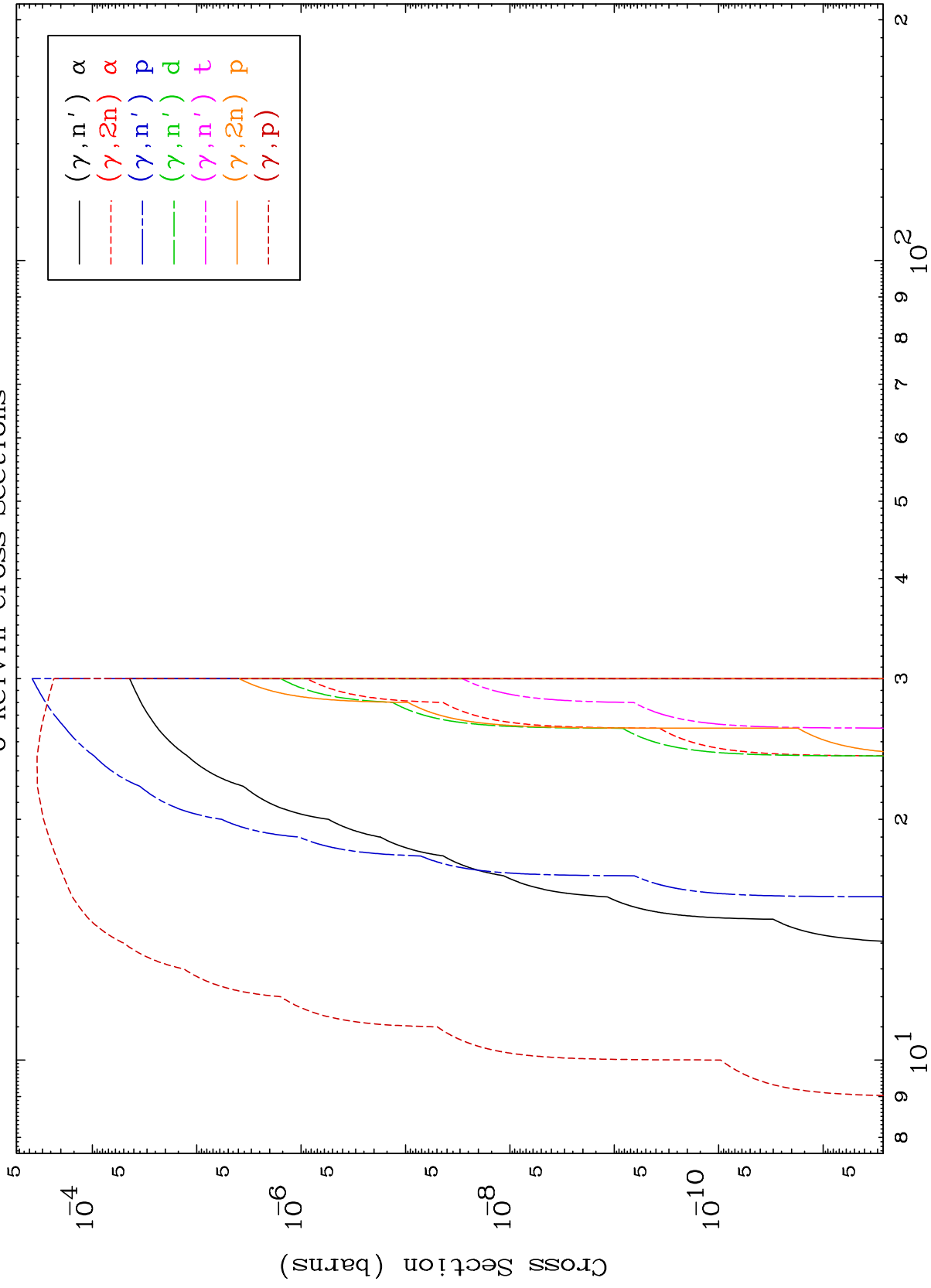
Incident Energy (MeV)

56-Ba-135

MAT 5641

Photon Charged Particle  
0 Kelvin Cross Sections

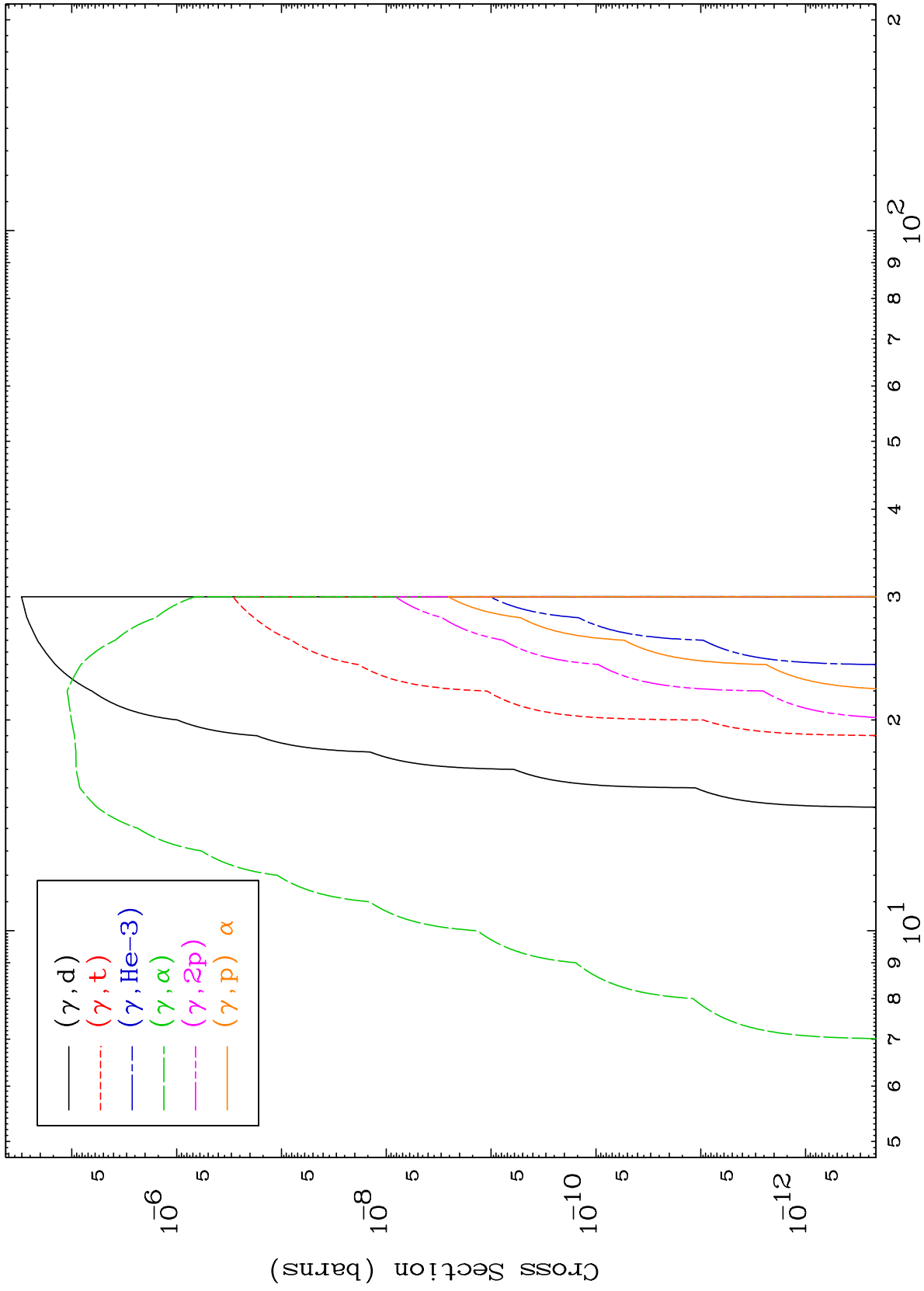
56-Ba-135



3

Incident Energy (MeV)

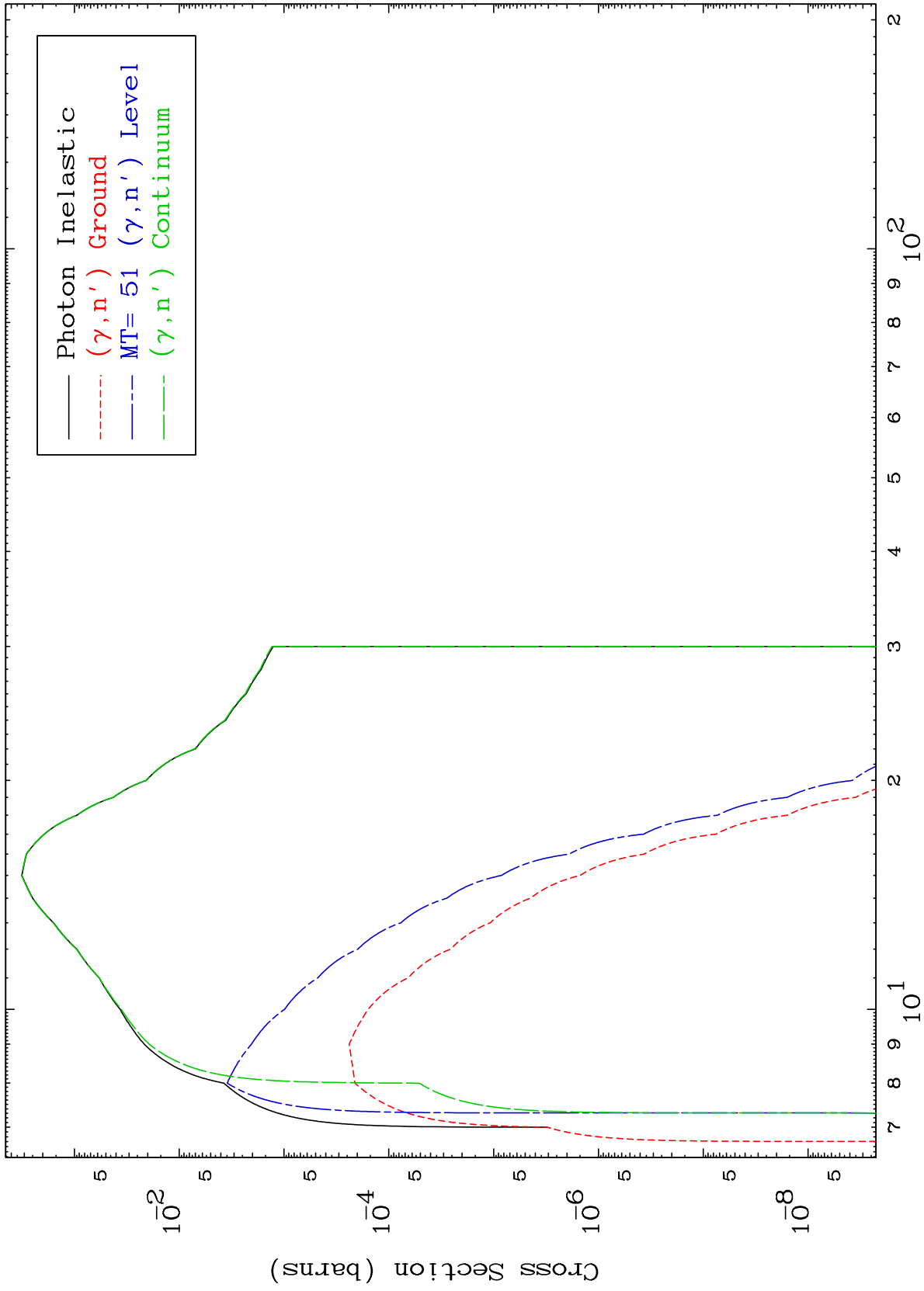
56-Ba-135



MAT 5641

$(\gamma, n')$  Level  
0 Kelvin Cross Sections

56-Ba-135



5

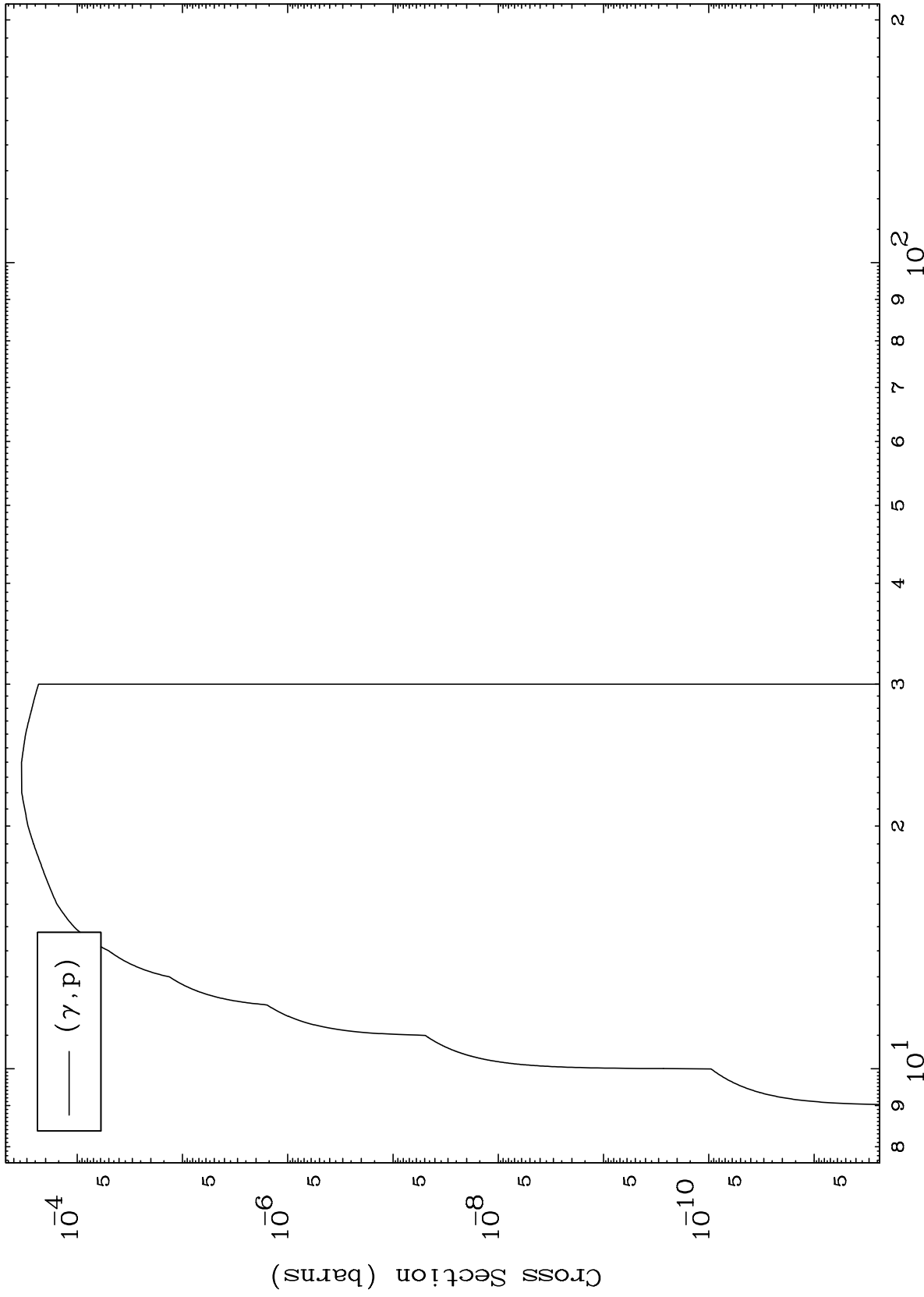
Incident Energy (MeV)

56-Ba-135

MAT 5641

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

56-Ba-135



6

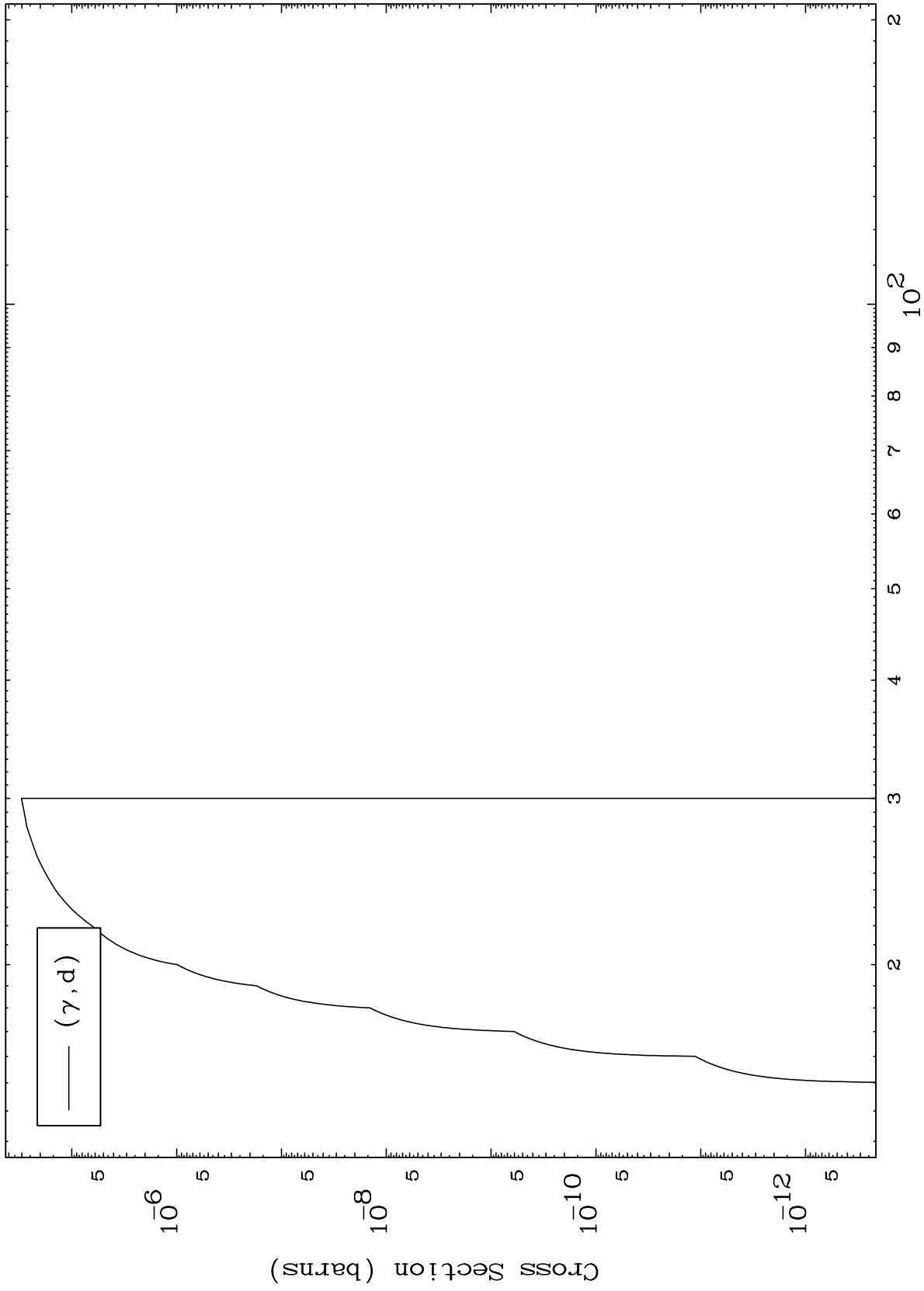
Incident Energy (MeV)

56-Ba-135

MAT 5641

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

56-Ba-135



7

Incident Energy (MeV)

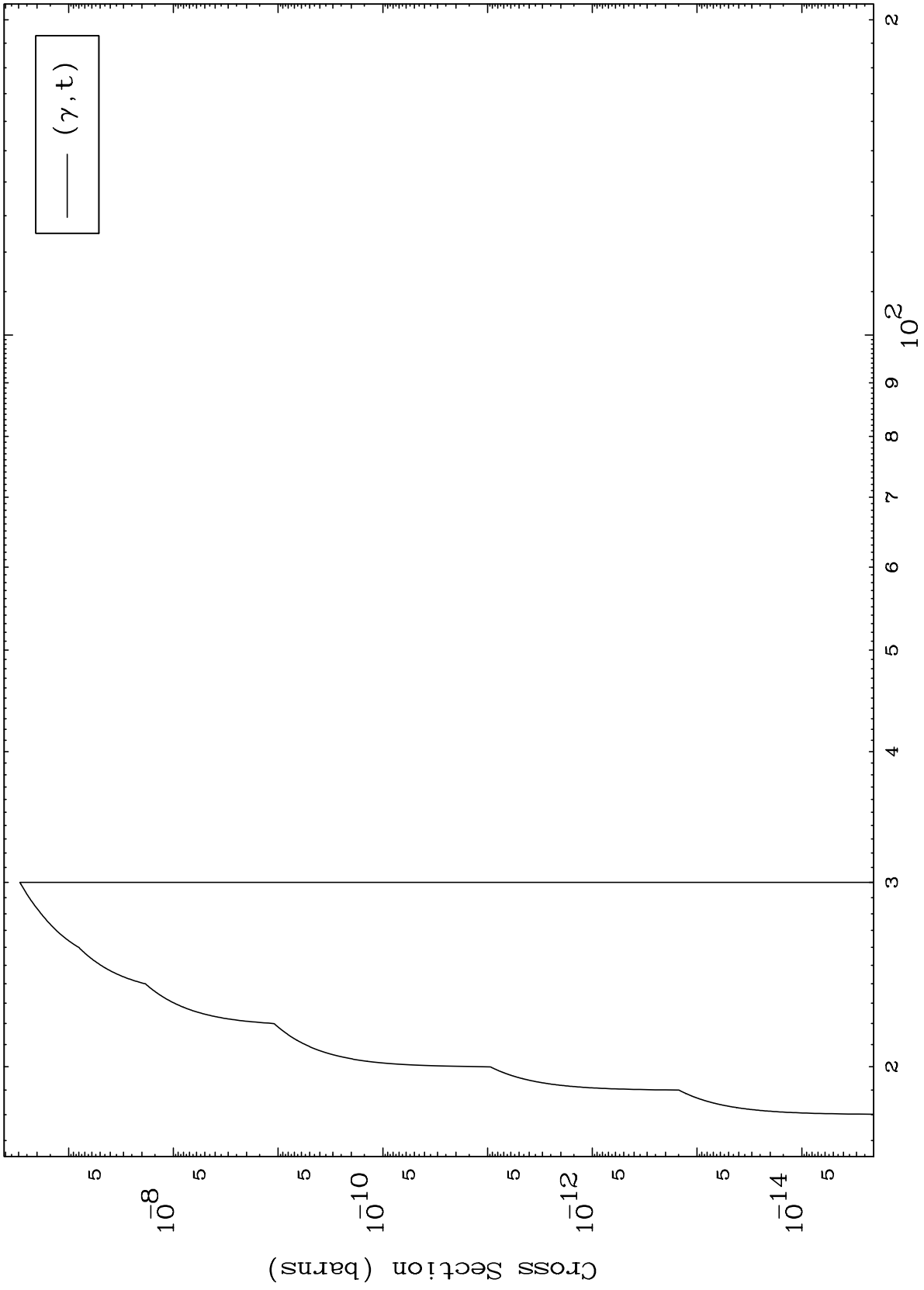
56-Ba-135



MAT 5641

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

56-Ba-135



8

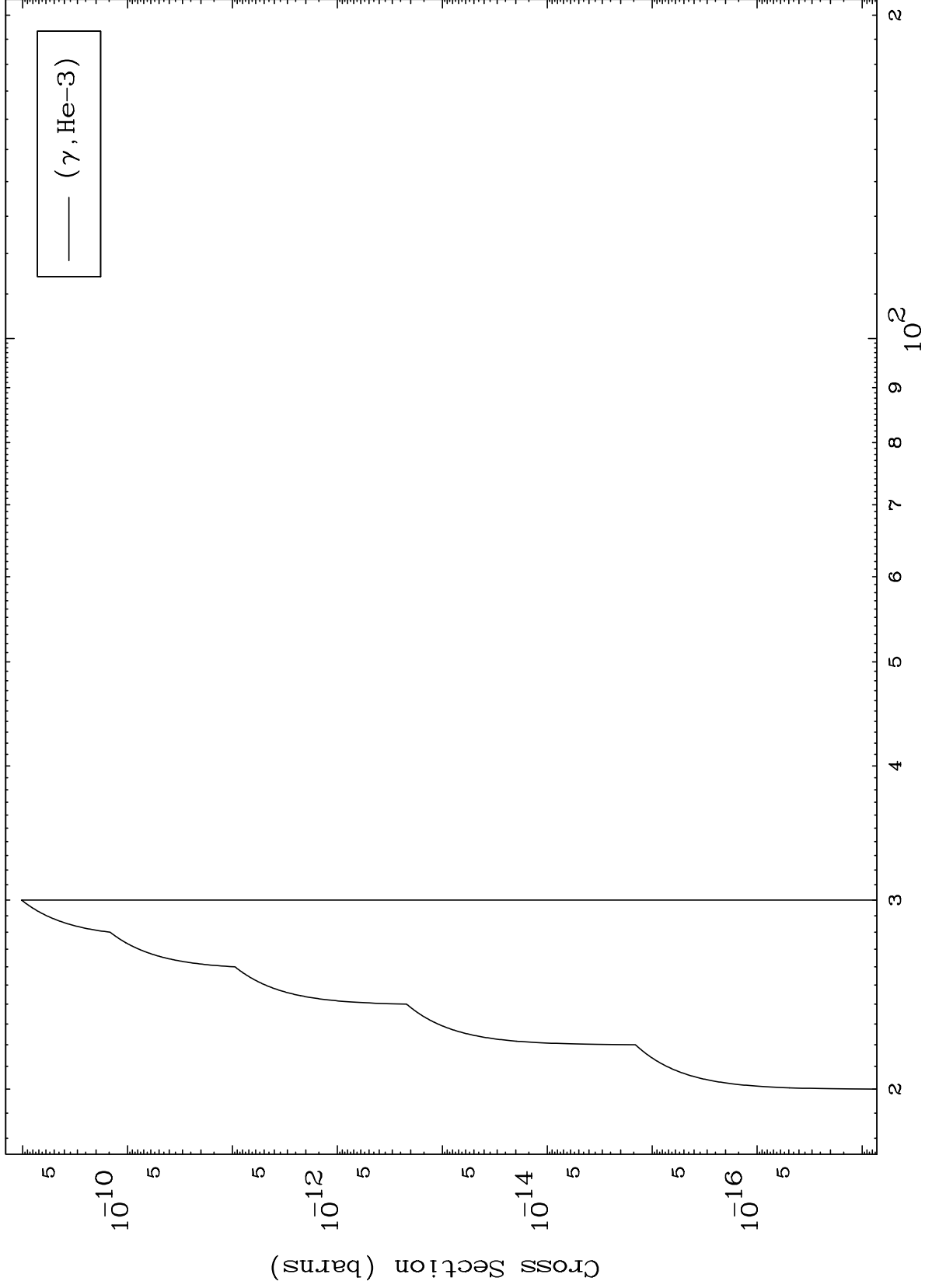
Incident Energy (MeV)

56-Ba-135

MAT 5641

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

56-Ba-135



9

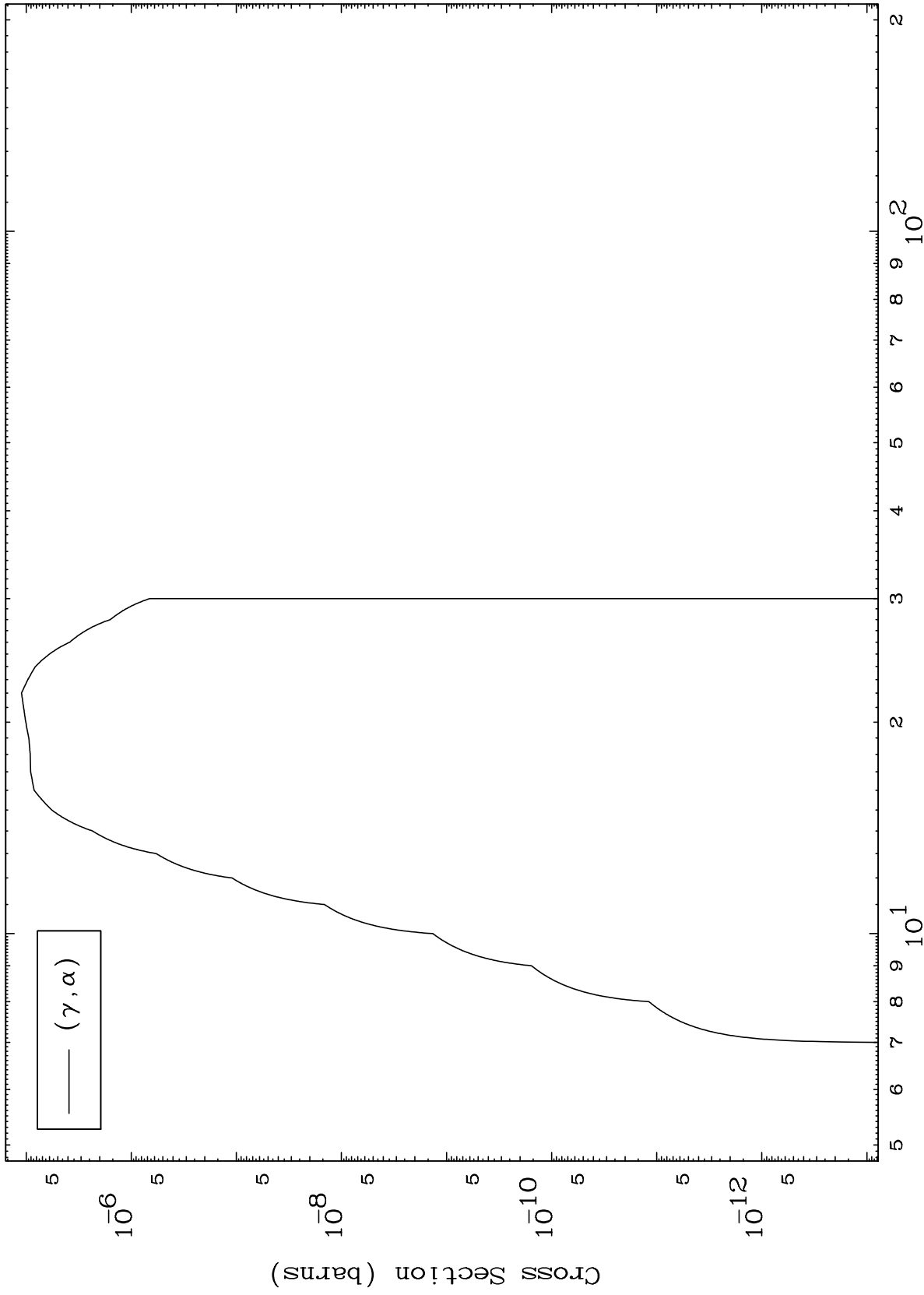
Incident Energy (MeV)

56-Ba-135

MAT 5641

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

56-Ba-135



10

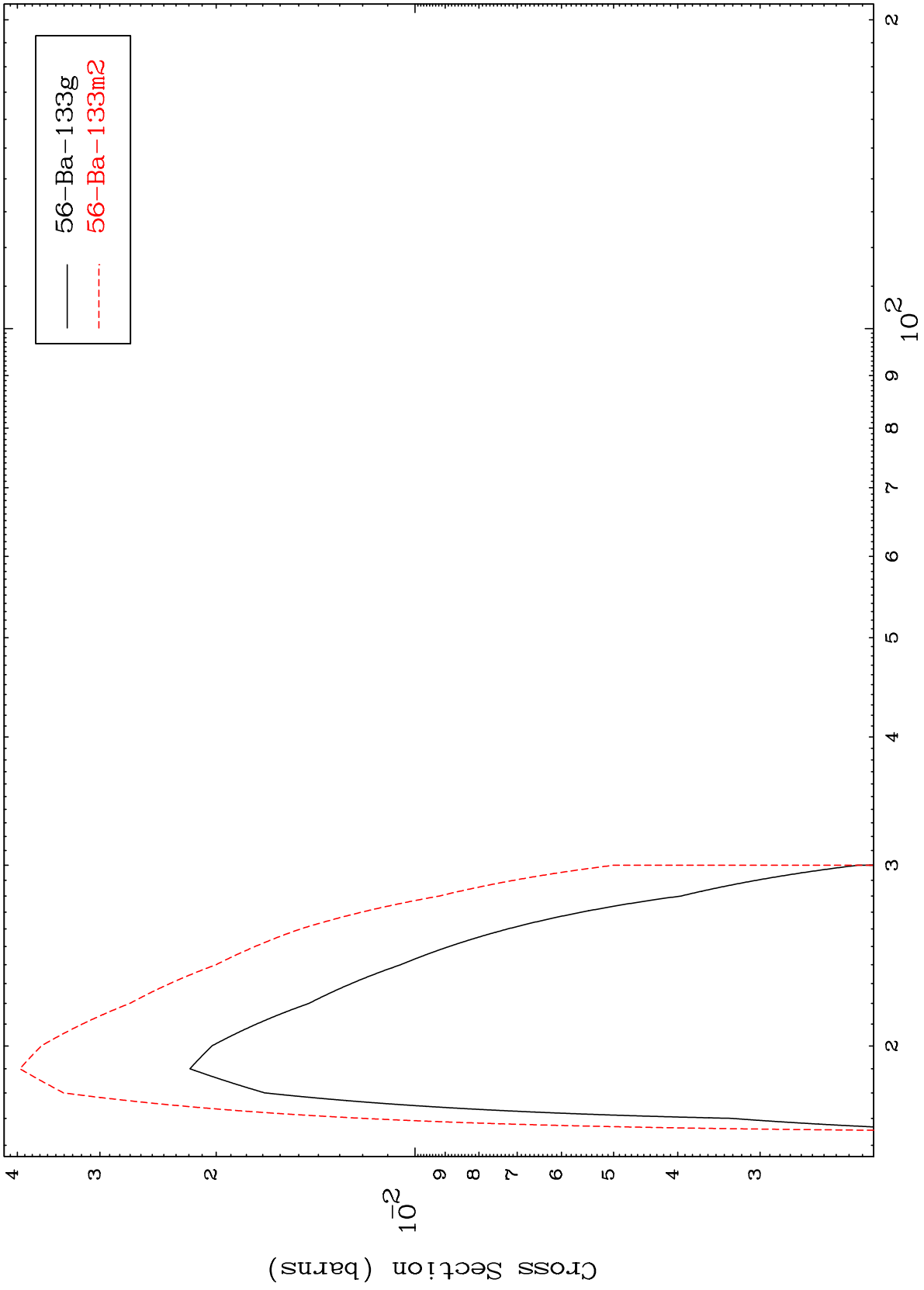
Incident Energy (MeV)

56-Ba-135

MAT 5641

56-Ba-135

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



11

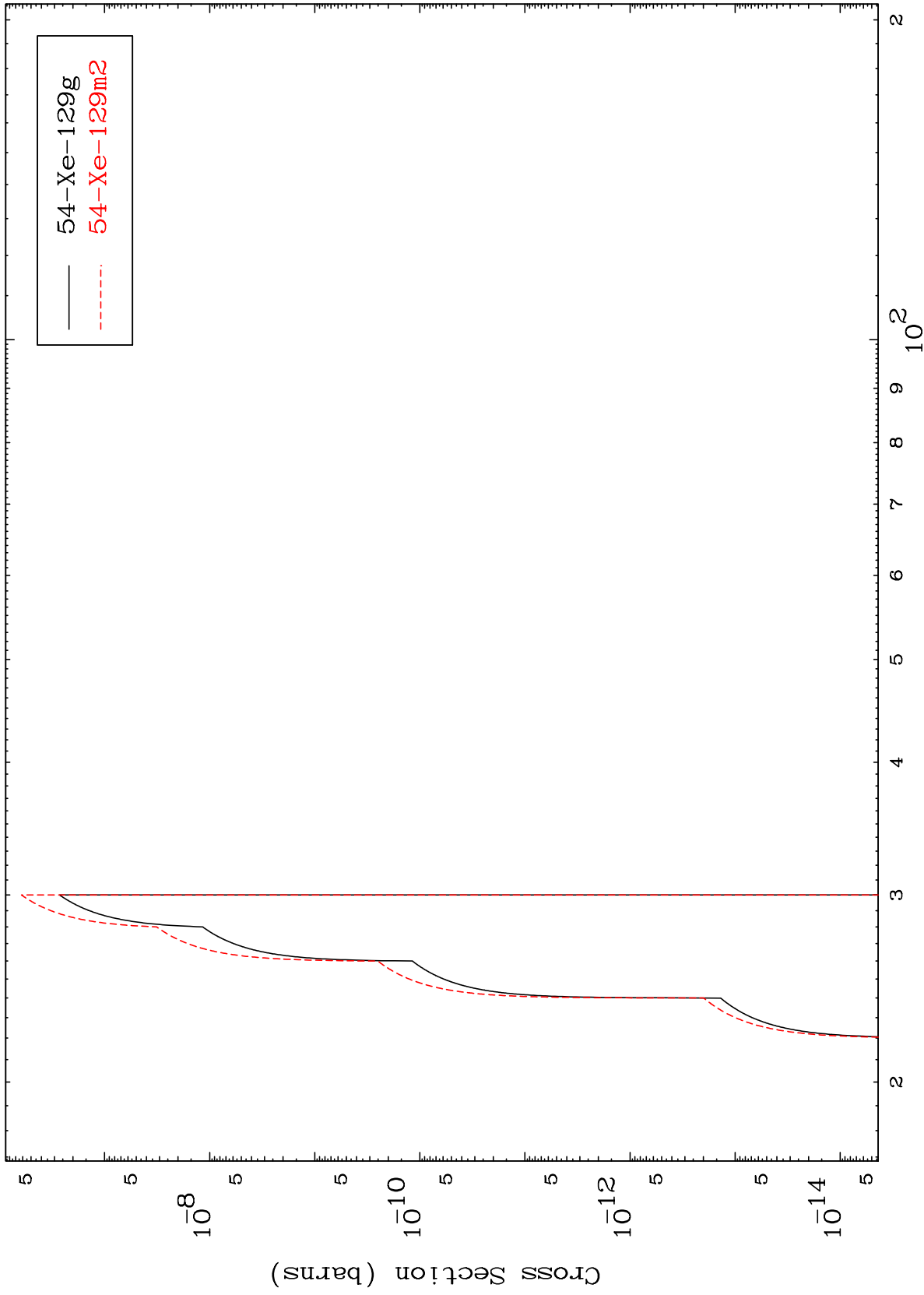
Incident Energy (MeV)

56-Ba-135

MAT 5641

56-Ba-135

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



12

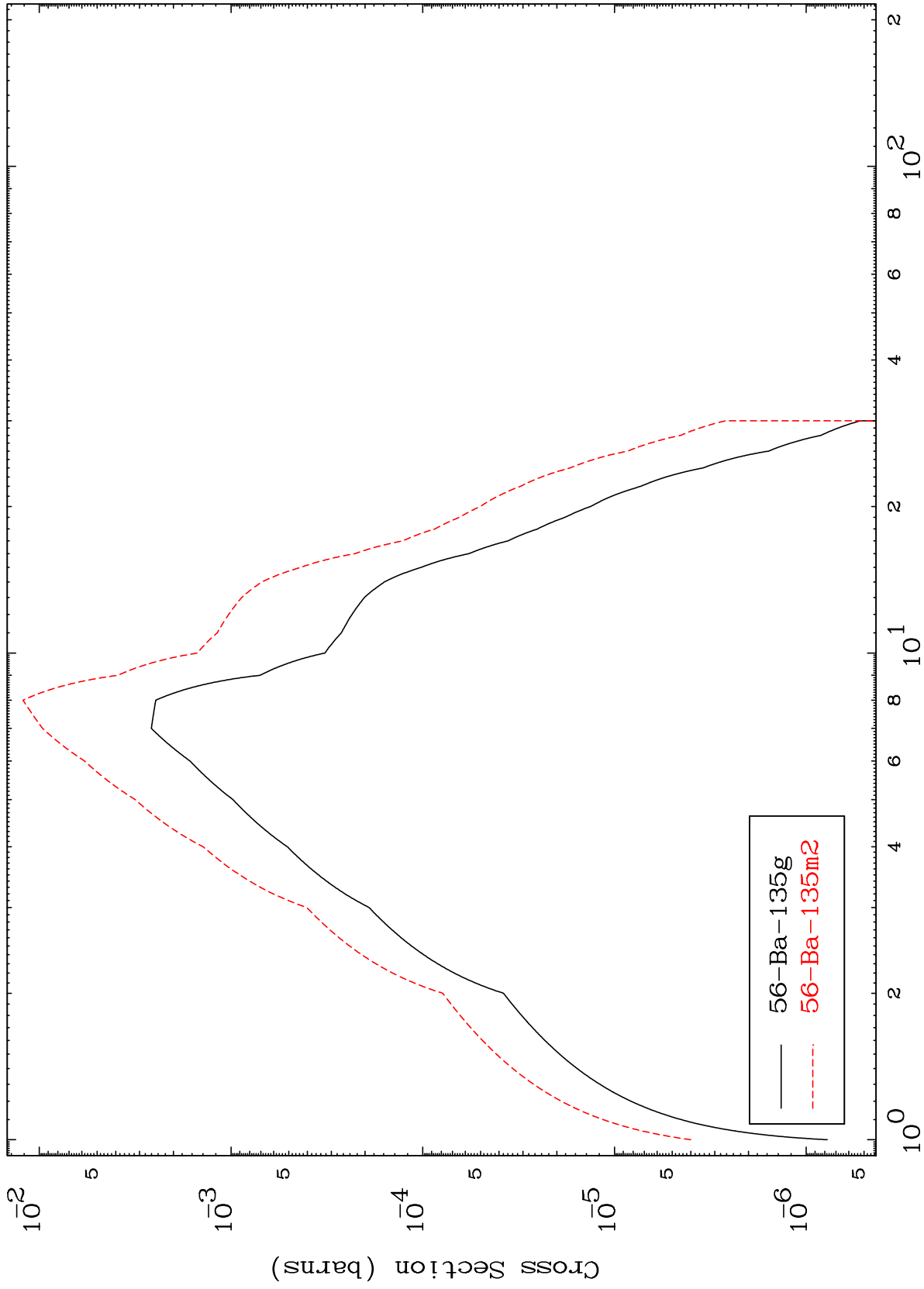
Incident Energy (MeV)

56-Ba-135

MAT 5641

56-Ba-135

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



56-Ba-135

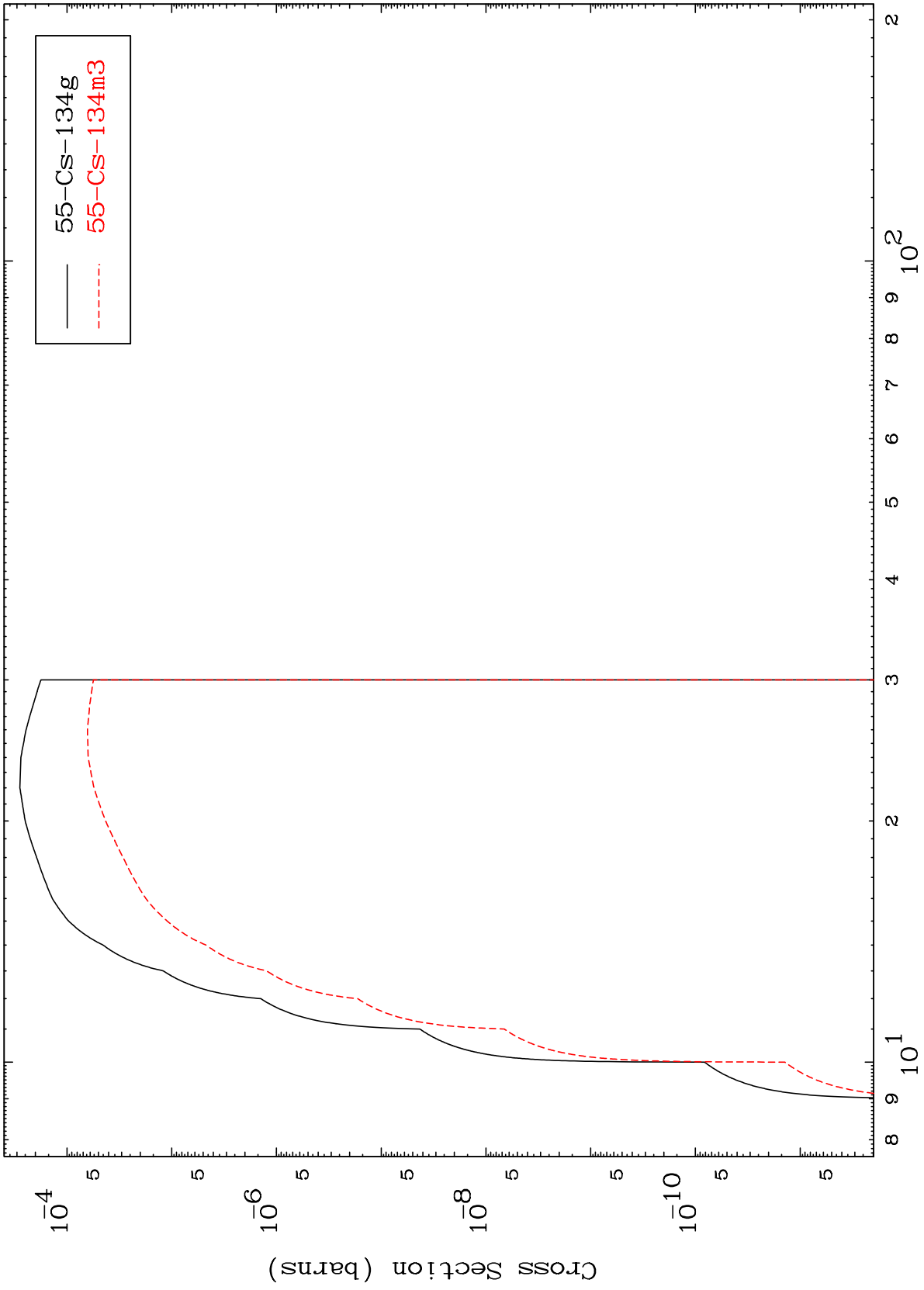
Incident Energy (MeV)

13

MAT 5641

56-Ba-135

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



14

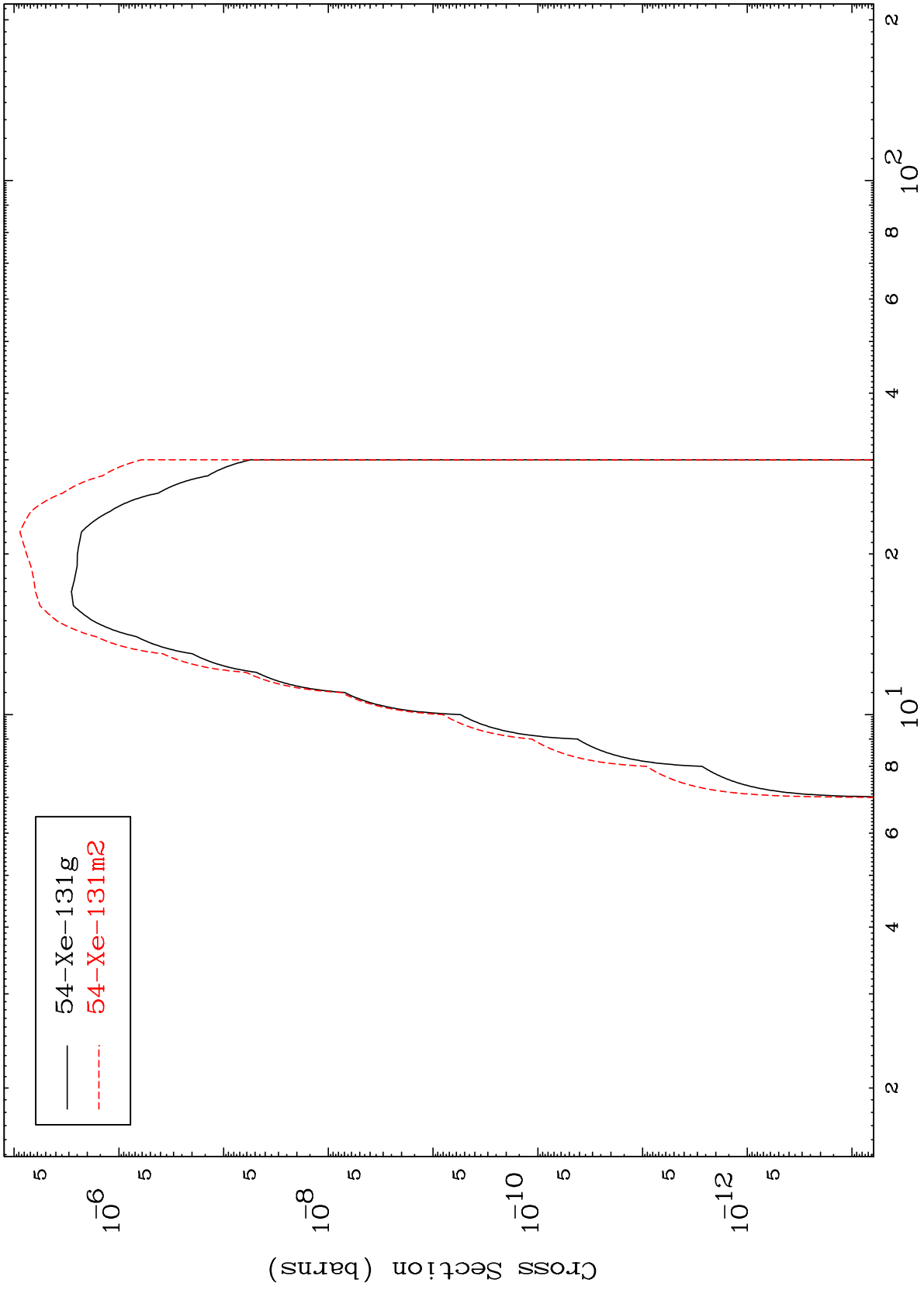
Incident Energy (MeV)

56-Ba-135

MAT 5641

56-Ba-135

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



15

Incident Energy (MeV)

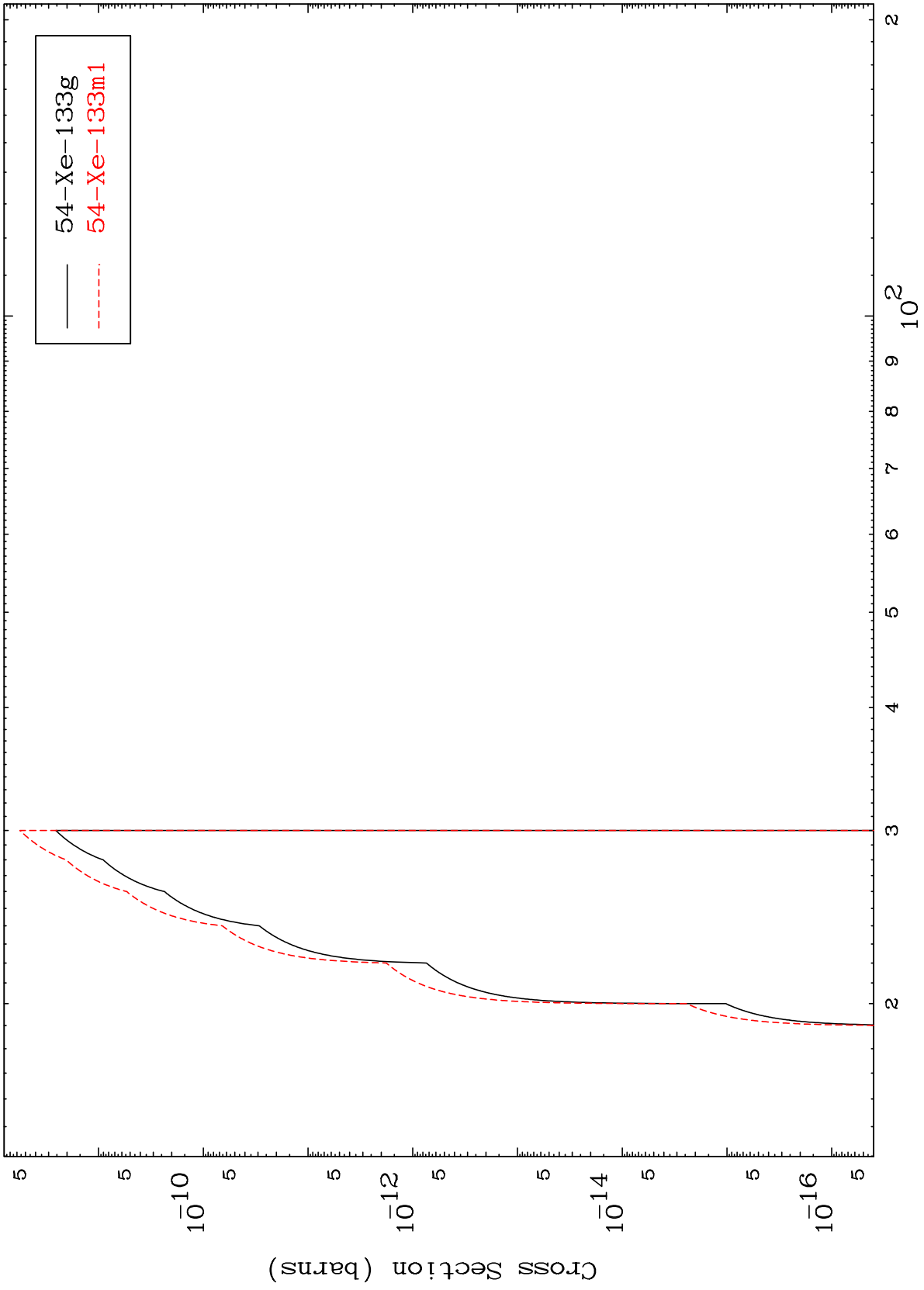
56-Ba-135



MAT 5641

56-Ba-135

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



16

Incident Energy (MeV)

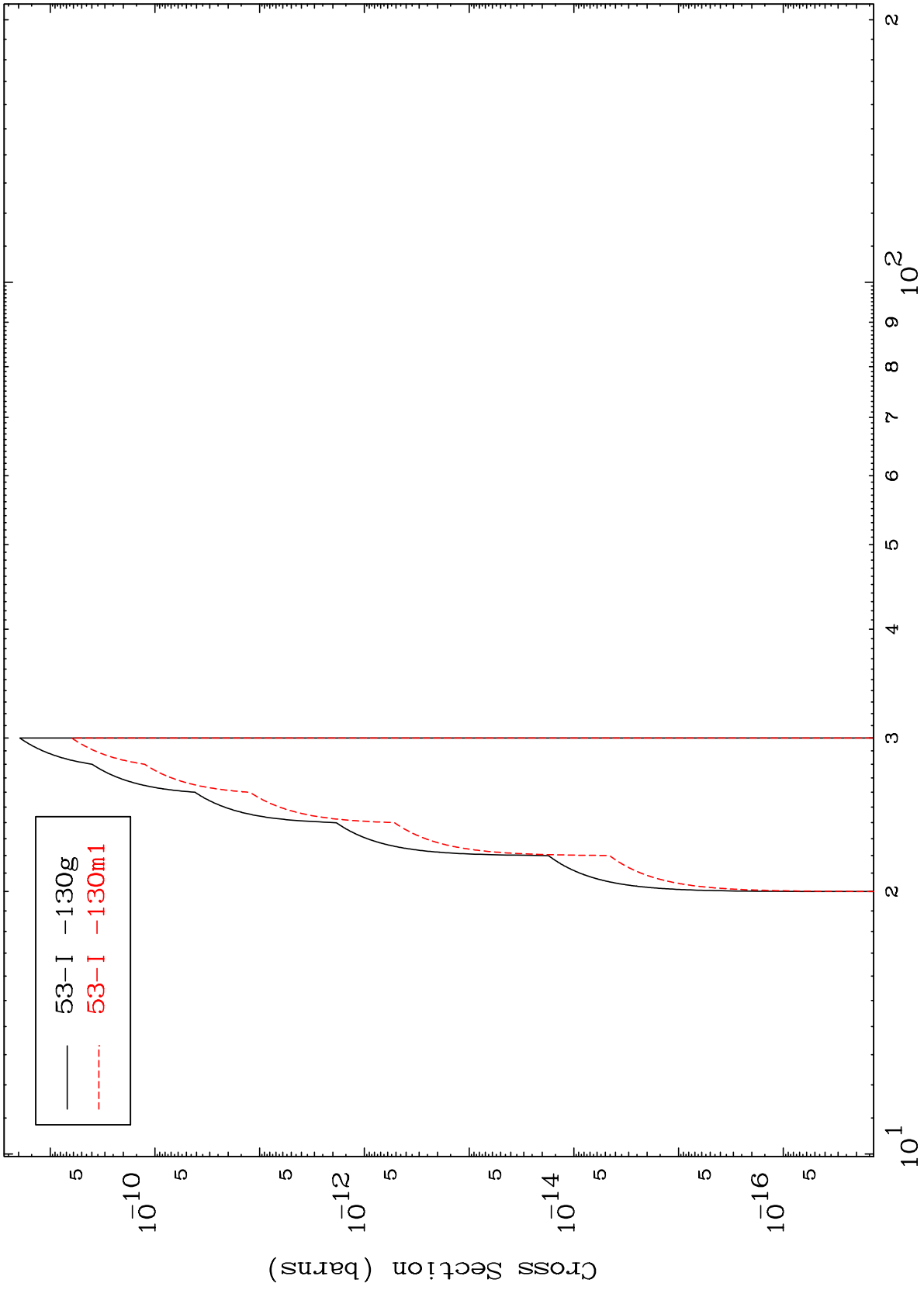
56-Ba-135

MAT 5641

( $\gamma, p$ )  $\alpha$

56-Ba-135

Radionuclide Production Cross Section



17

Incident Energy (MeV)

56-Ba-135