

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

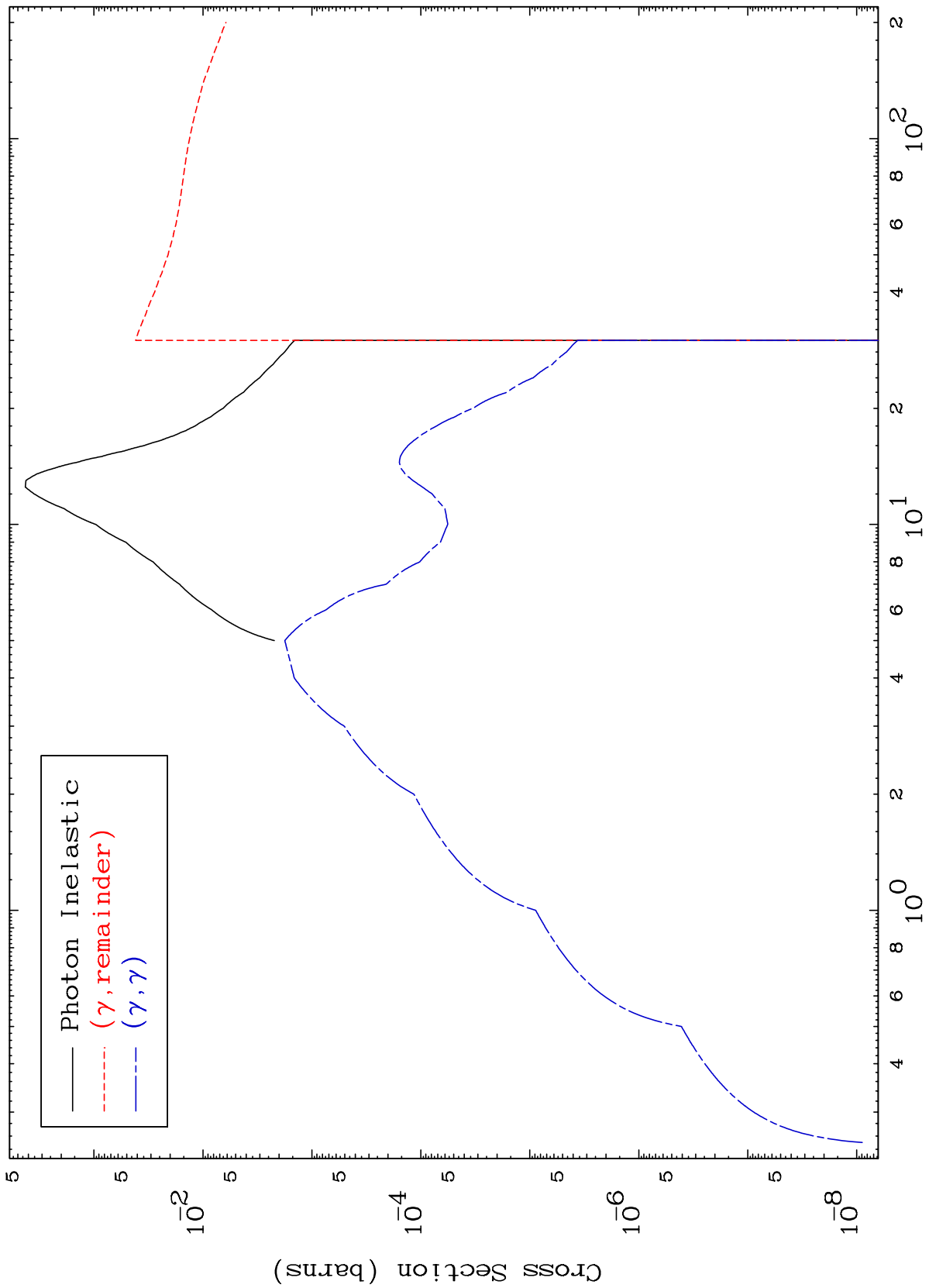
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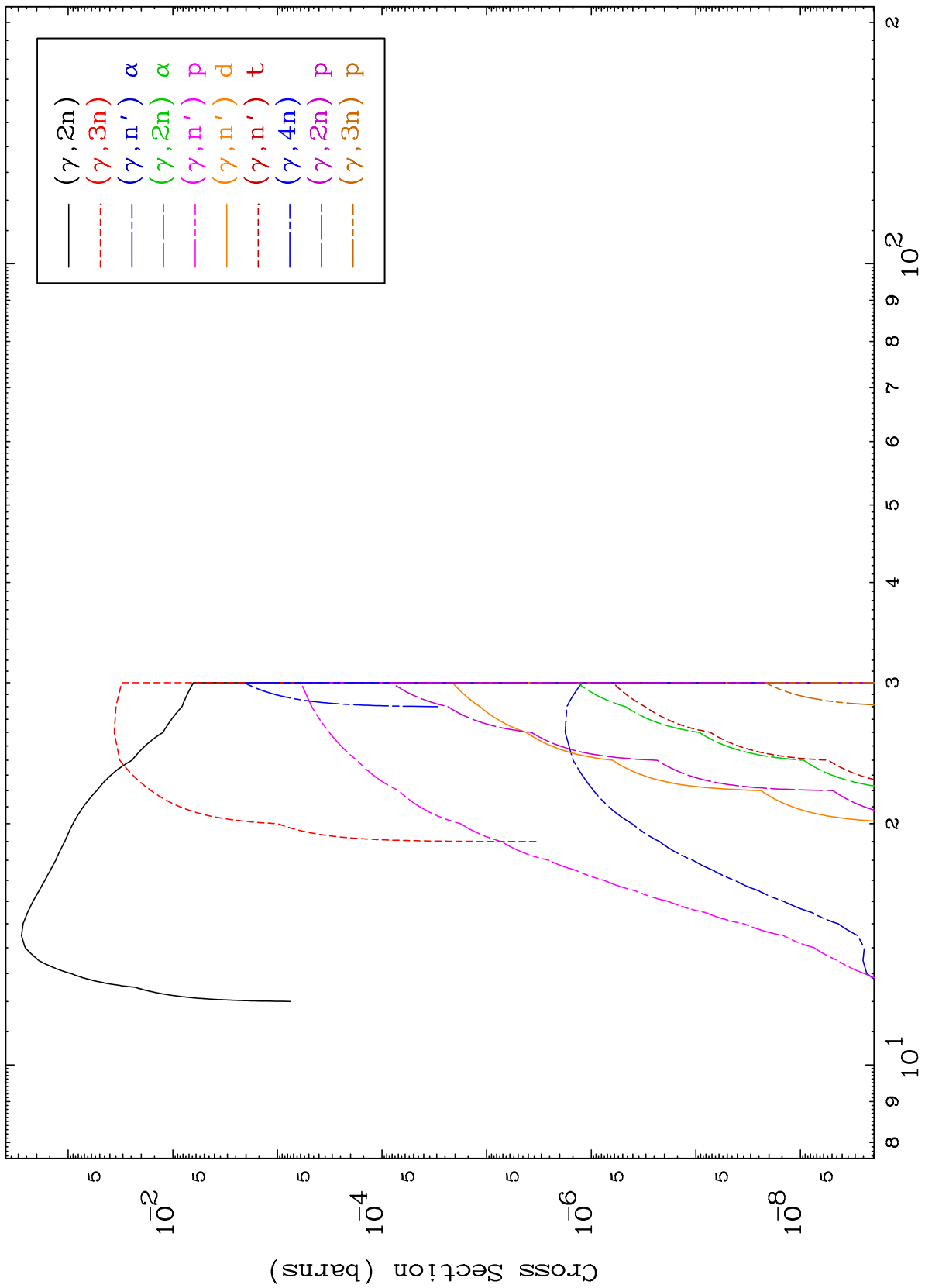
E.Mail:redcullen1@comcast.net

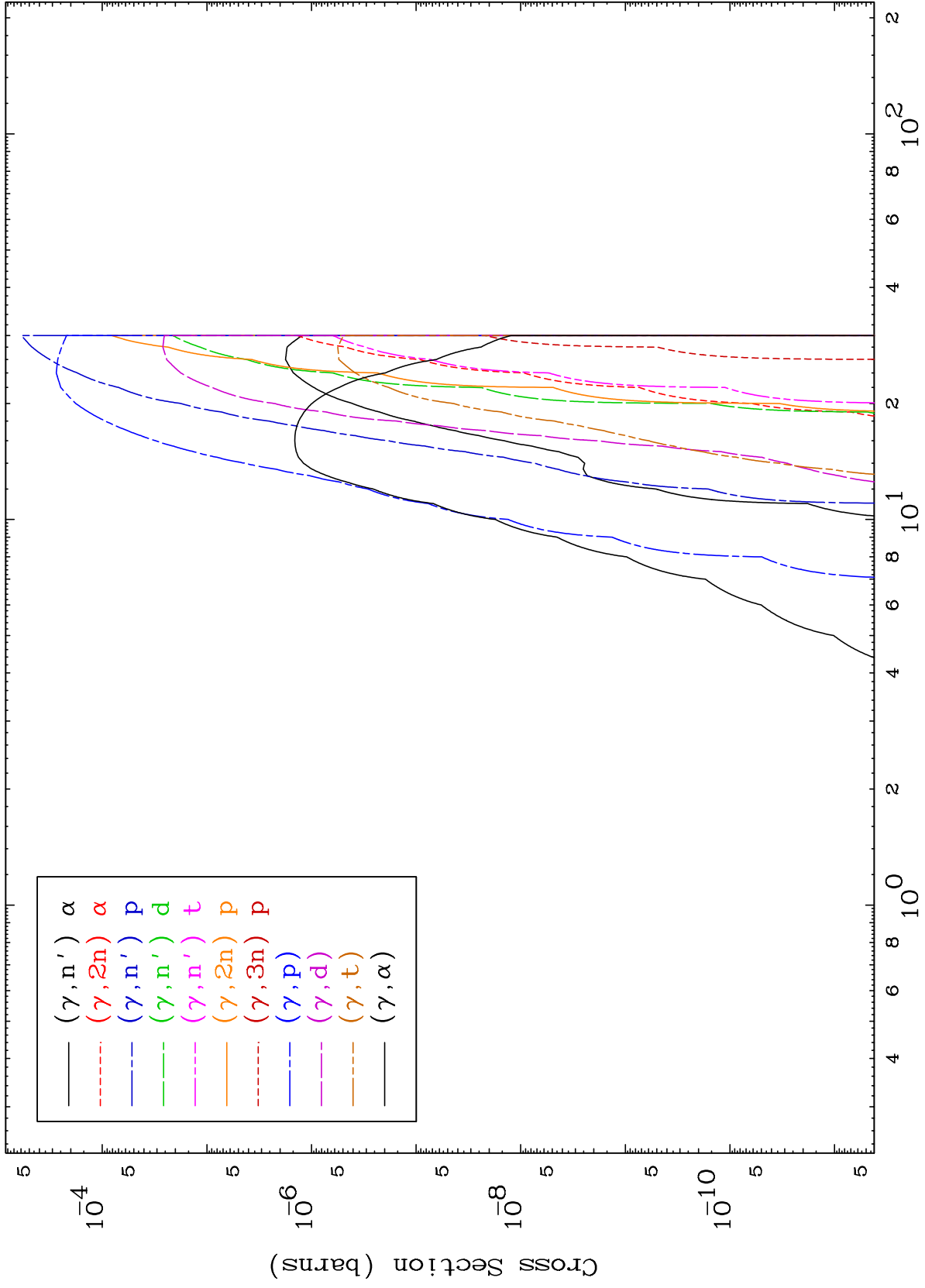
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



— Photon Inelastic  
- - - (γ, remainder)  
- · - (γ, γ)

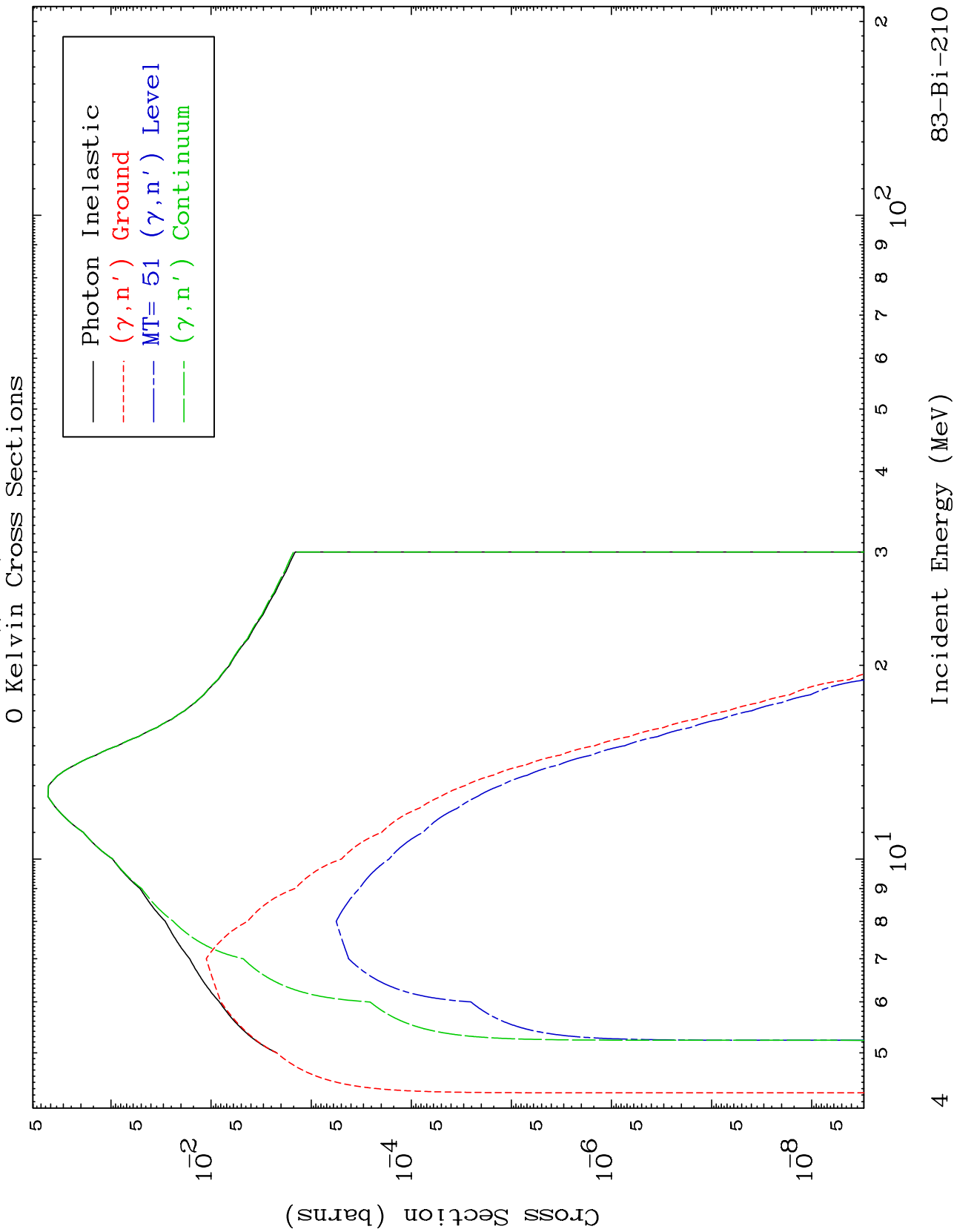




MAT 8329

( $\gamma, n'$ ) Level

83-Bi-210



4

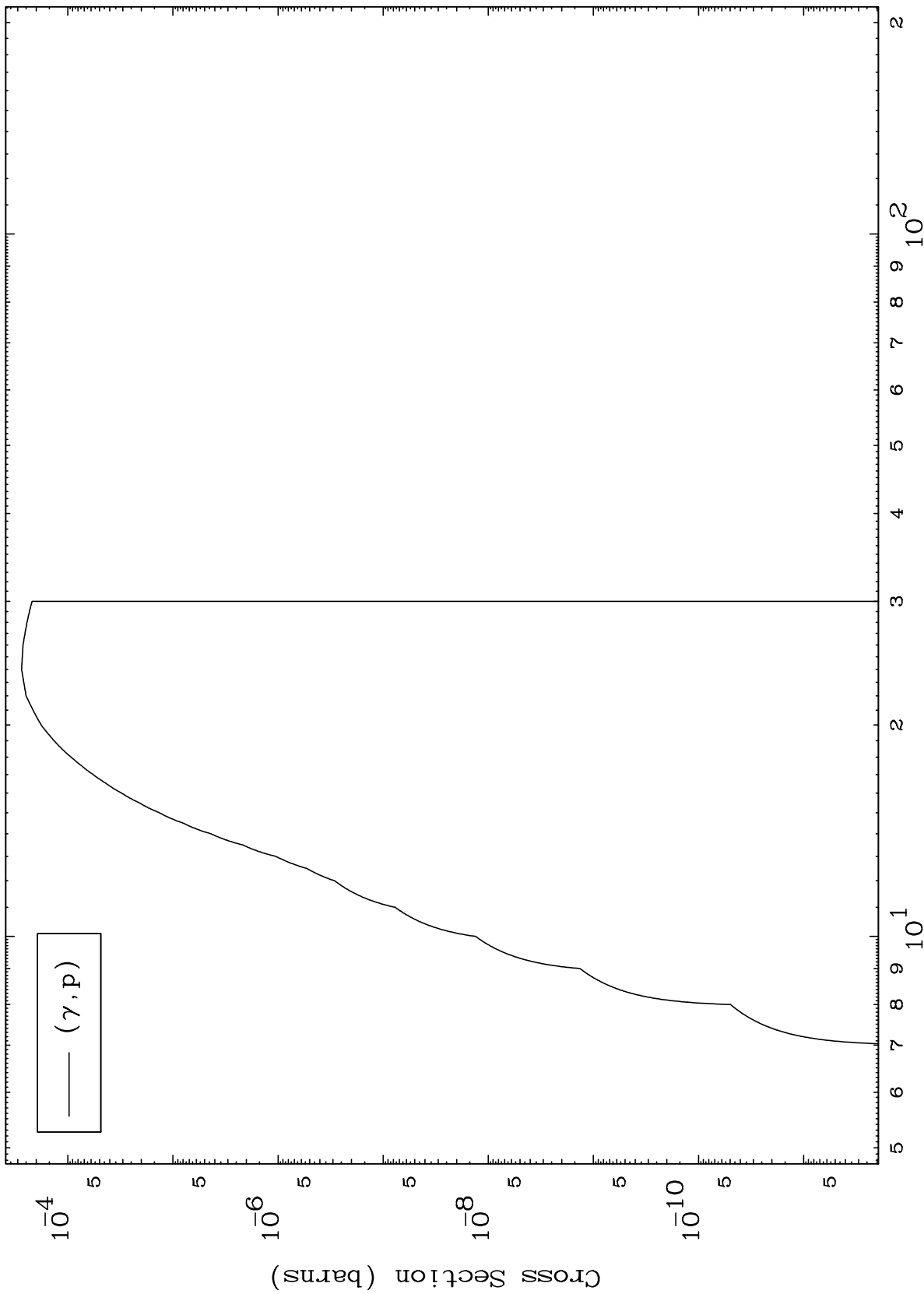
Incident Energy (MeV)

83-Bi-210

MAT 8329

83-Bi-210

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



83-Bi-210

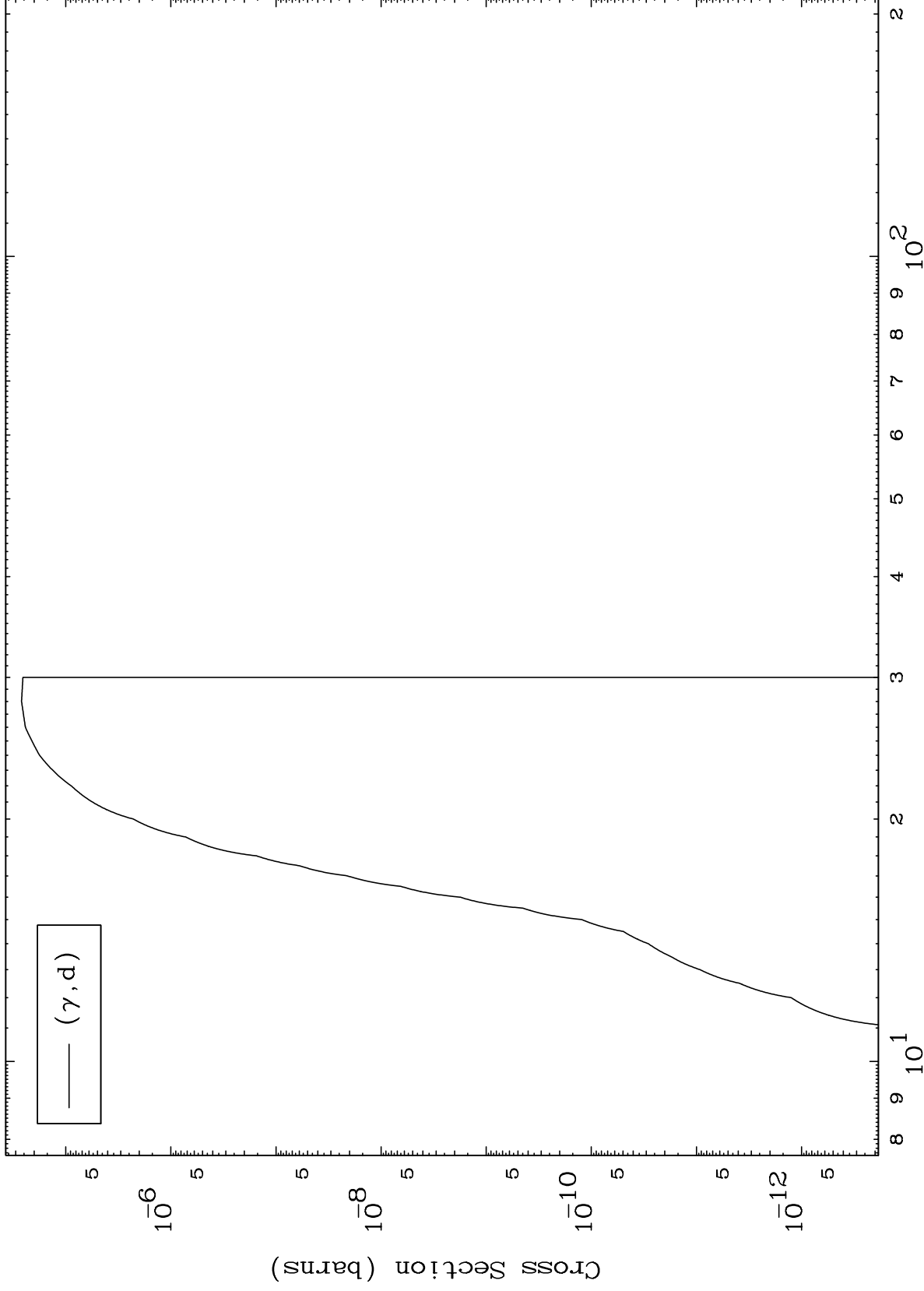
Incident Energy (MeV)

5

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

83-Bi-210



6

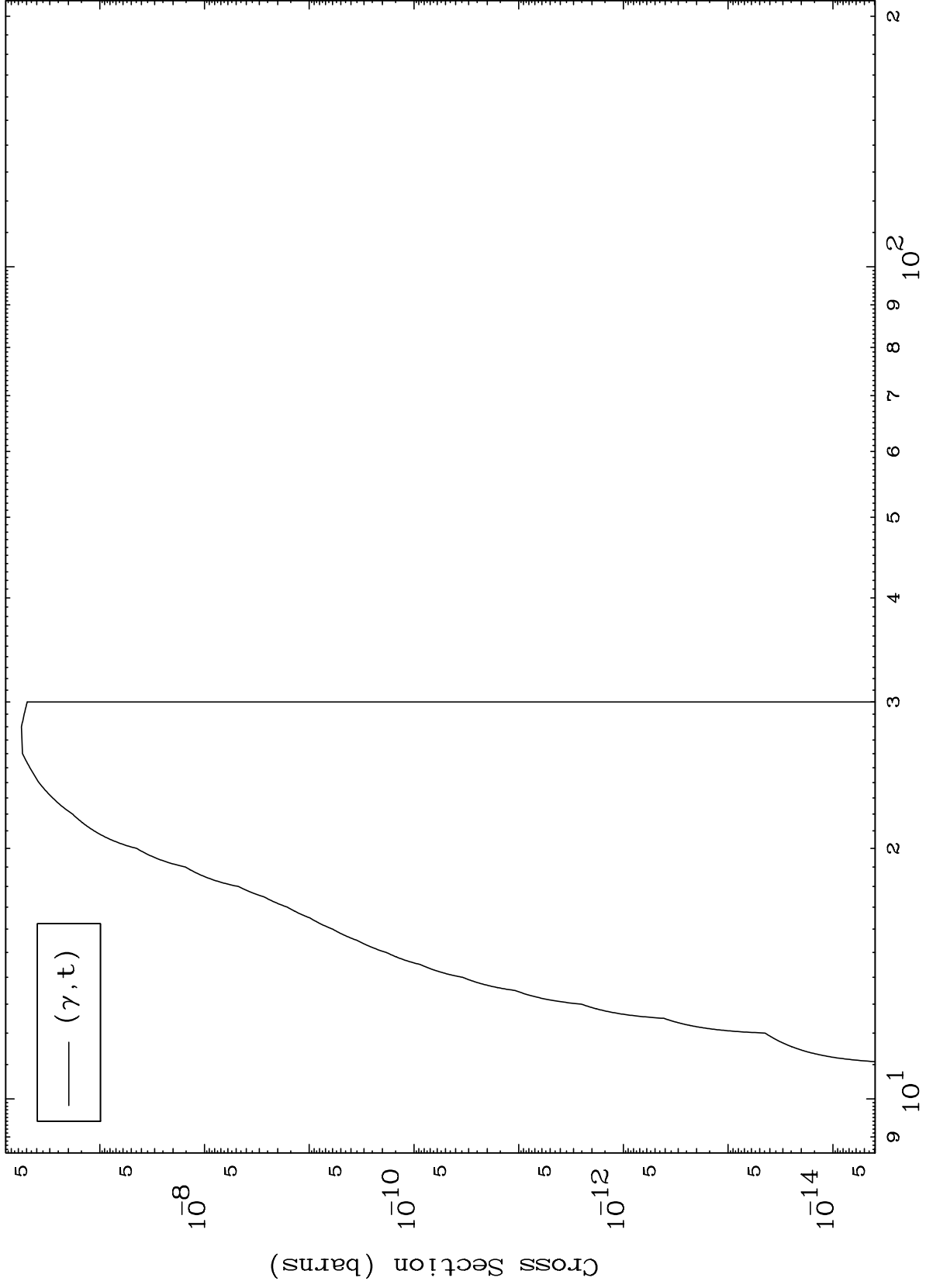
Incident Energy (MeV)

83-Bi-210

MAT 8329

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

83-Bi-210



Incident Energy (MeV)

83-Bi-210

7

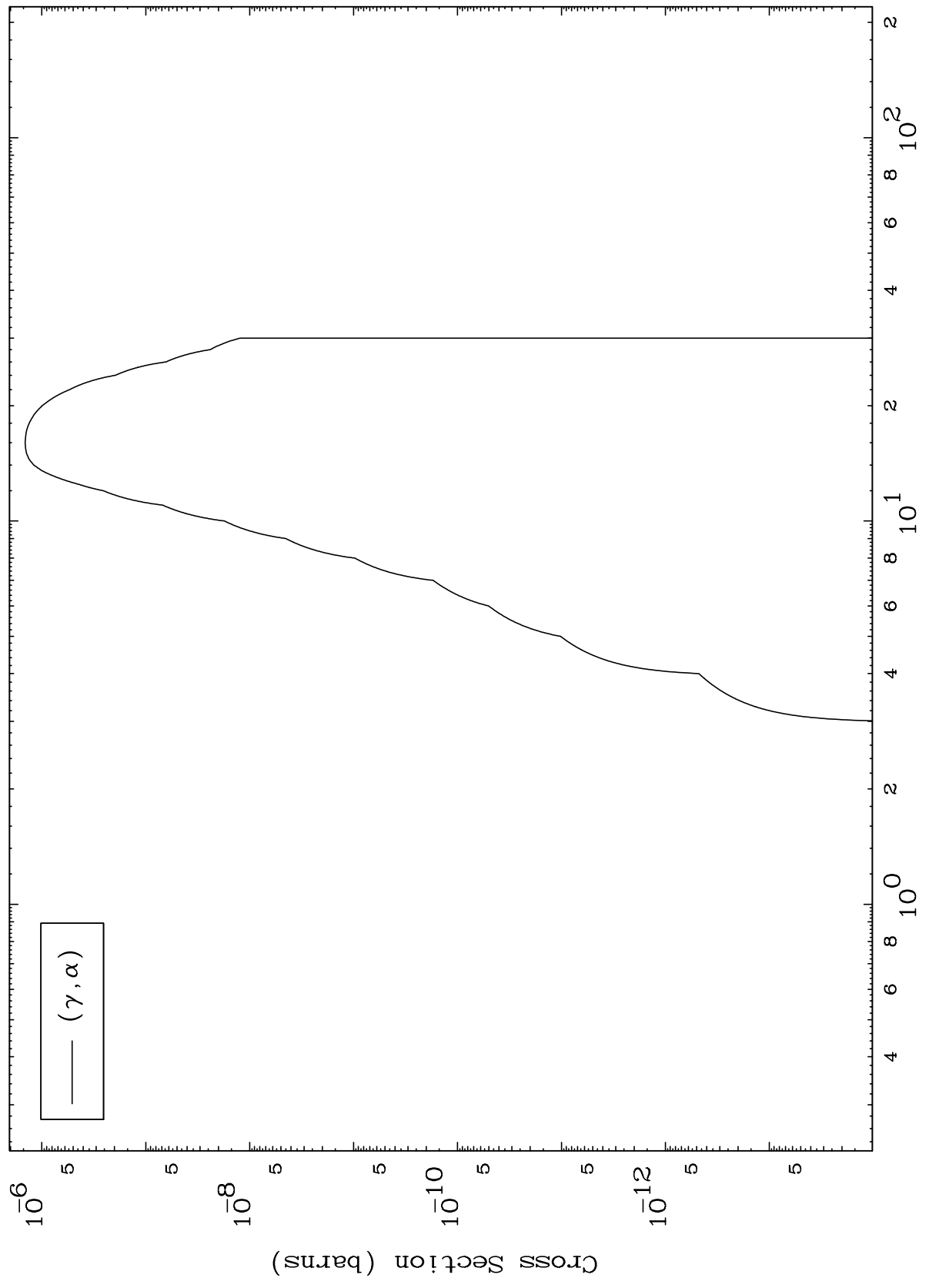


MAT 8329

( $\gamma, \alpha$ ) Levels

83-Bi-210

0 Kelvin Cross Sections

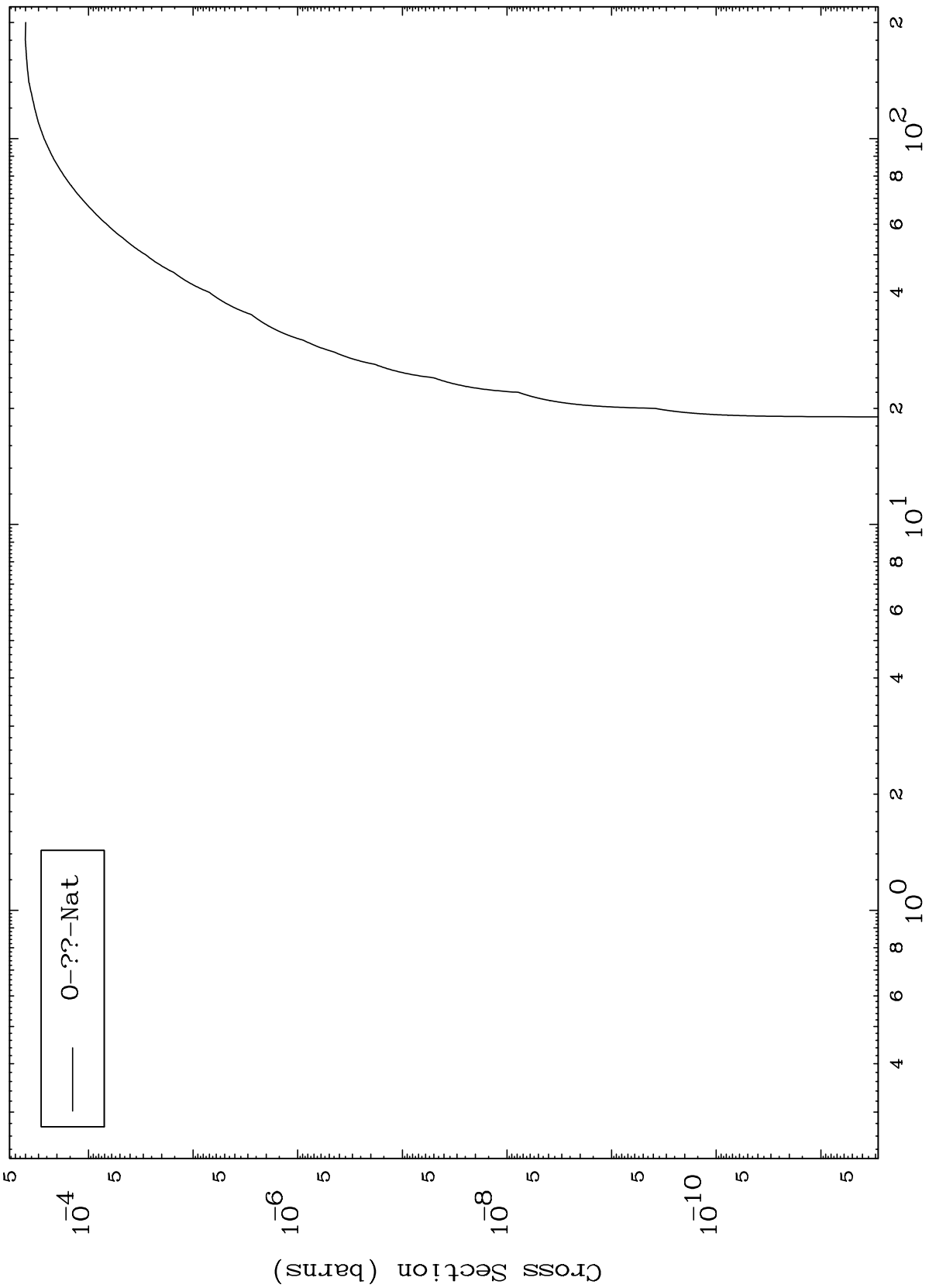


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Photon Fission

83-Bi-210

Radionuclide Production Cross Section

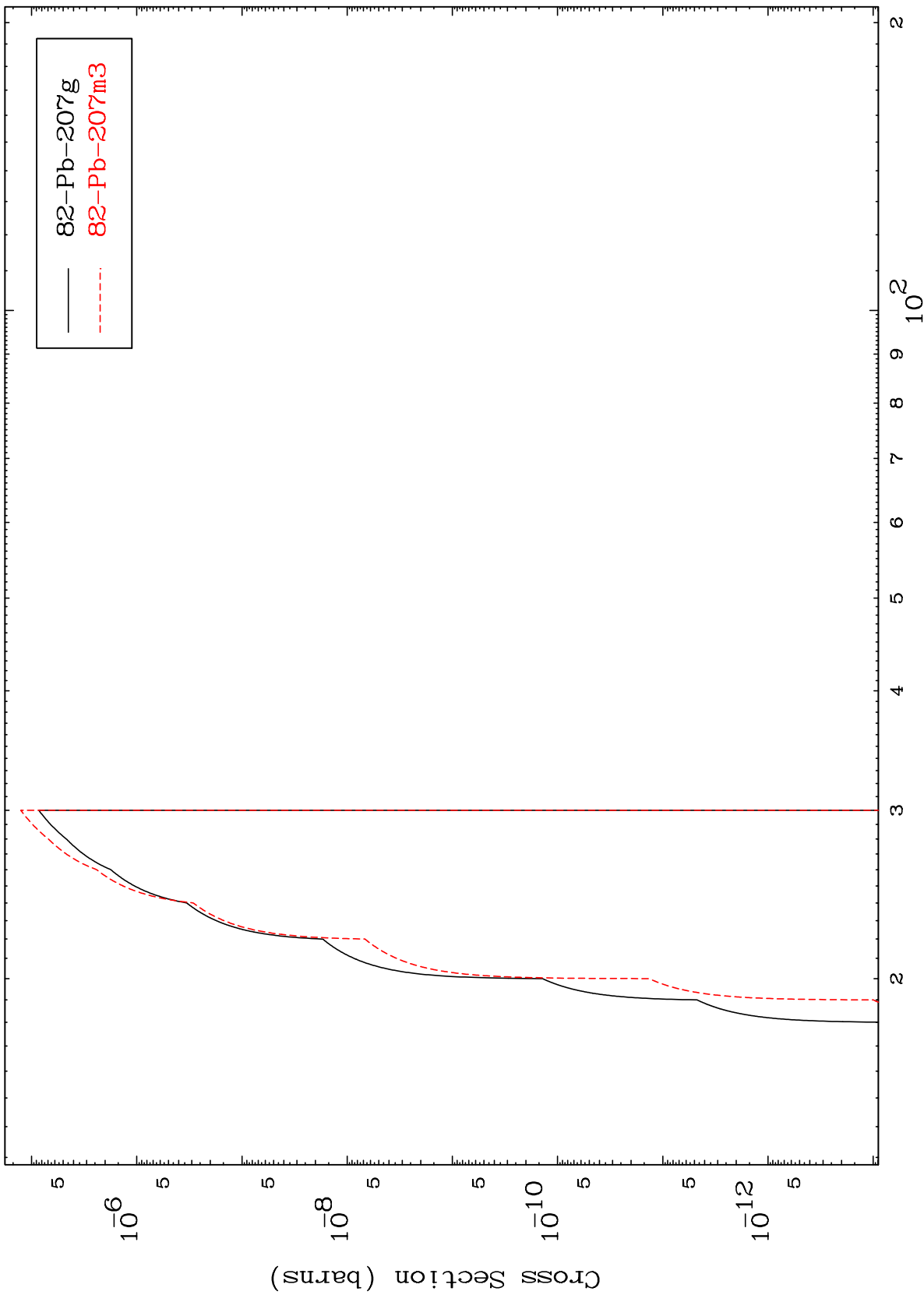


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$(\gamma, n')$  d

83-Bi-210

Radionuclide Production Cross Section



10

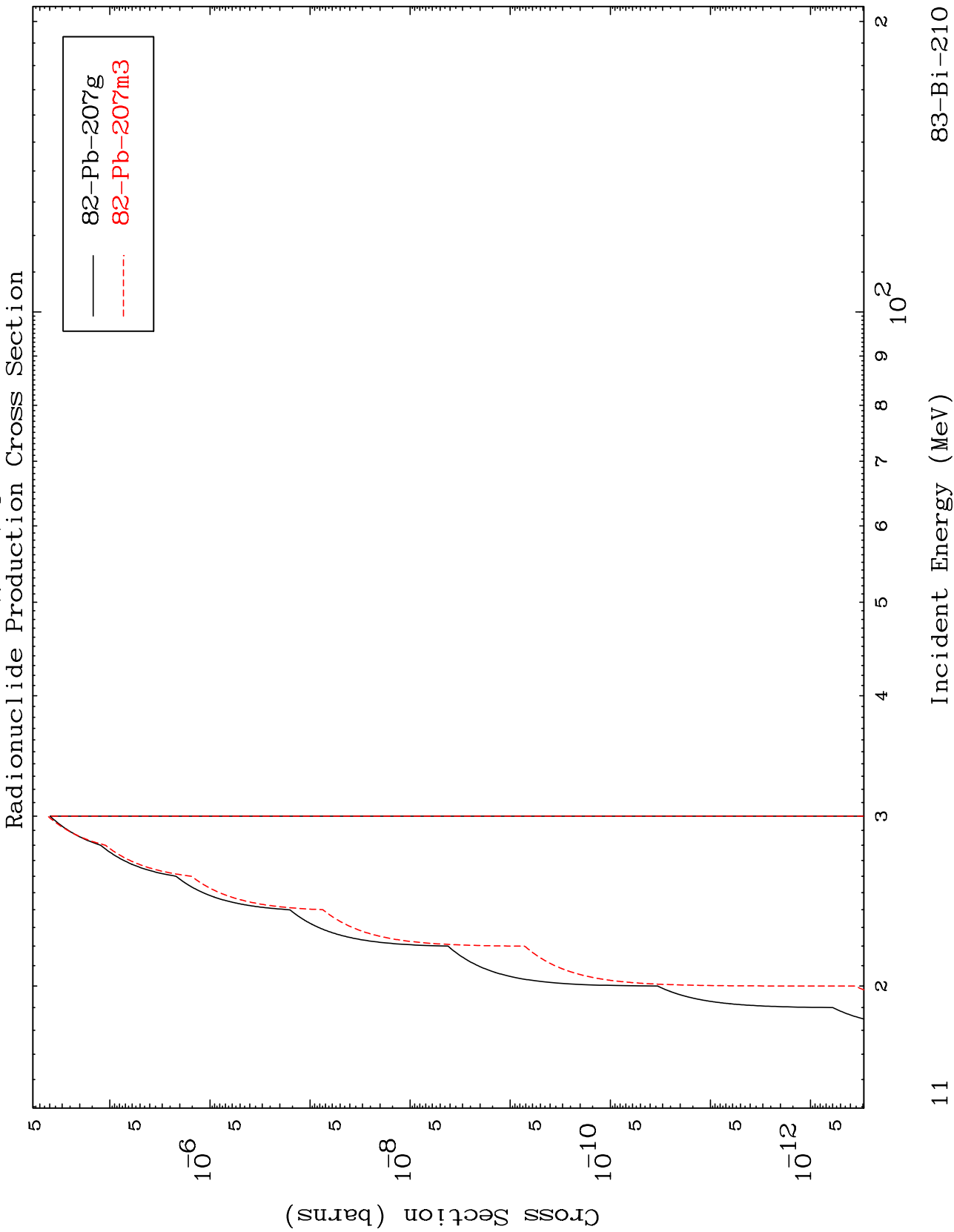
Incident Energy (MeV)

83-Bi-210

MAT 8329

$(\gamma, 2n)$  p

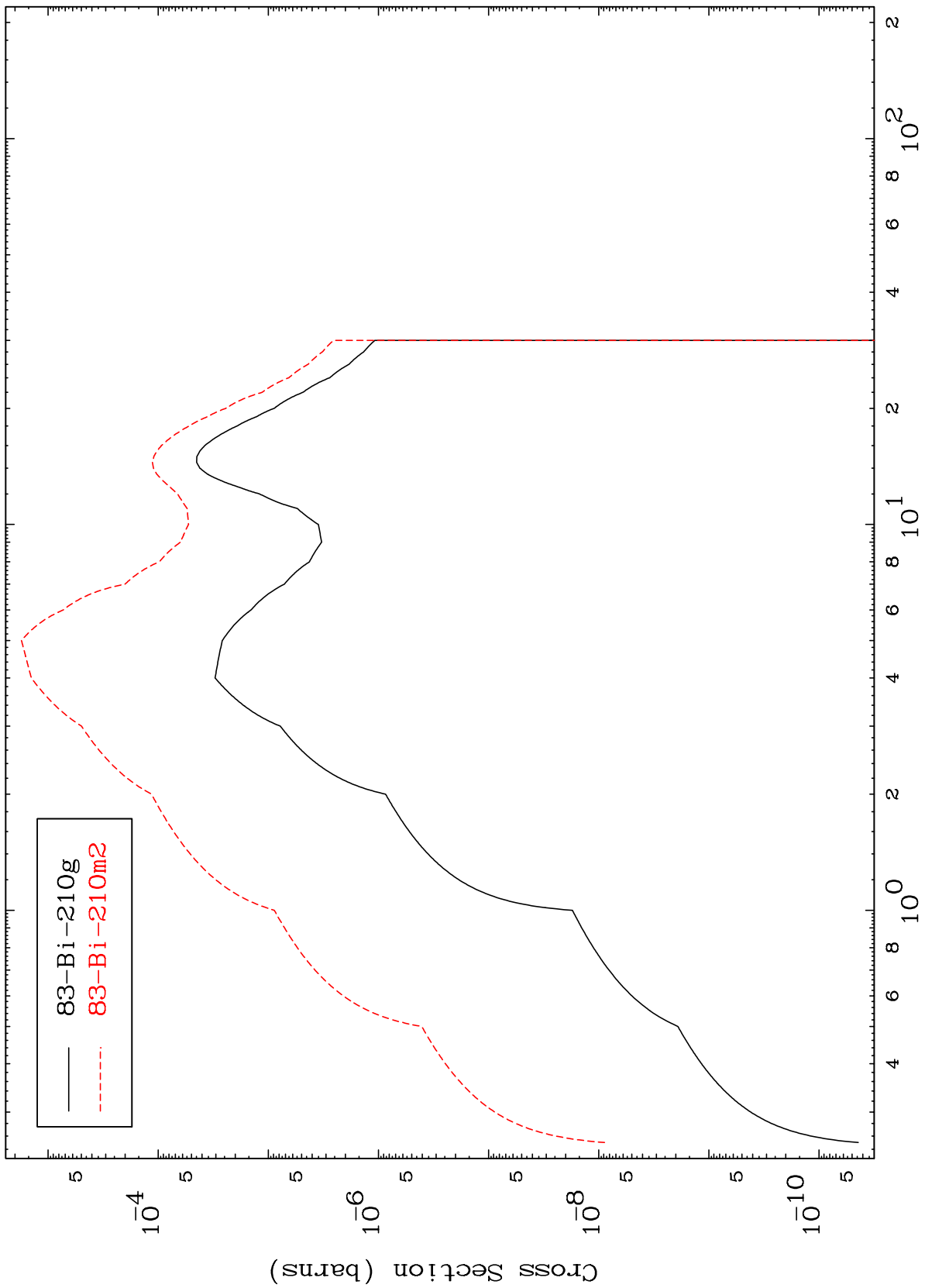
83-Bi-210



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83-Bi-210

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



12

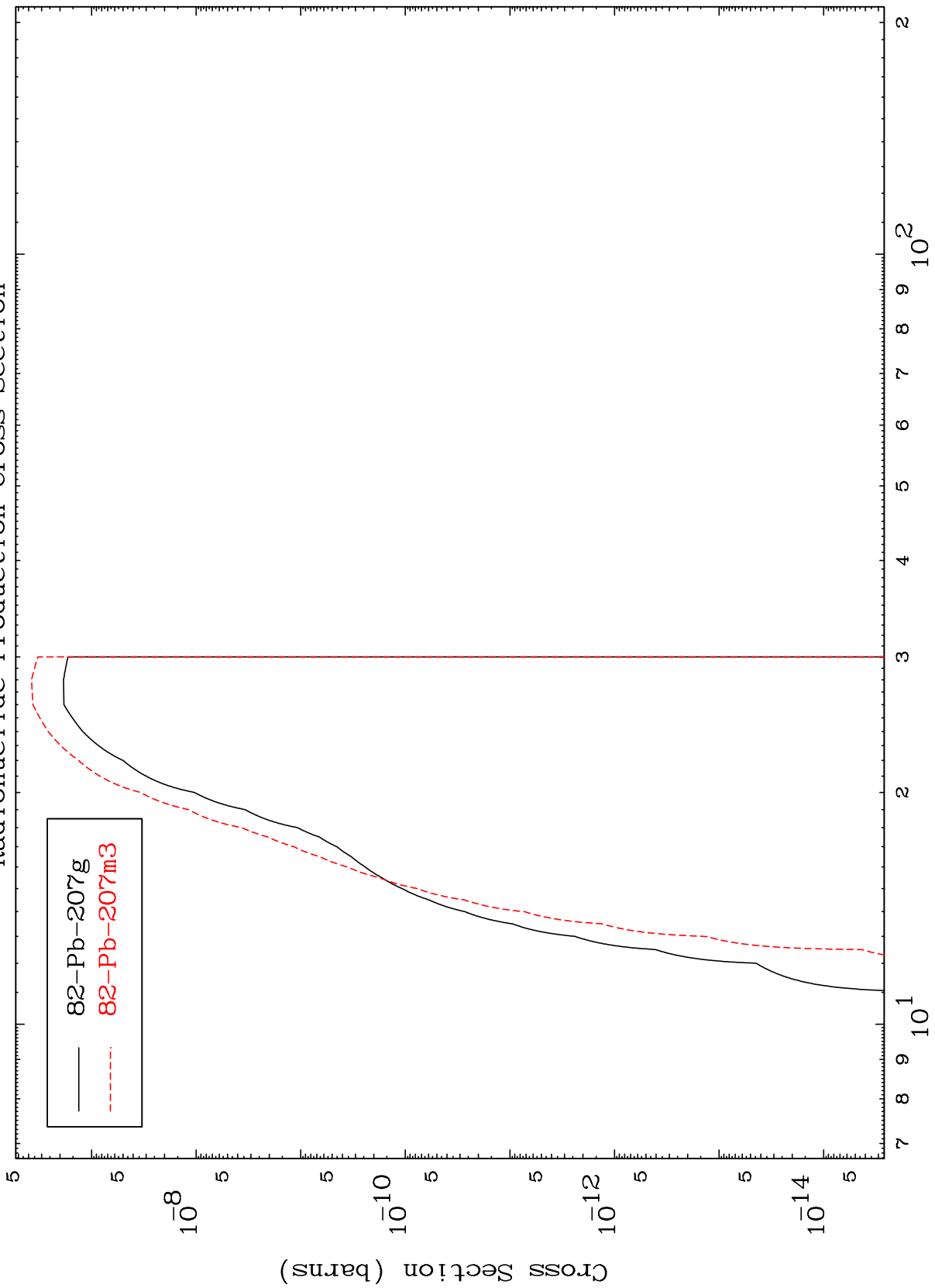
Incident Energy (MeV)

83-Bi-210

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83-Bi-210

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



83-Bi-210

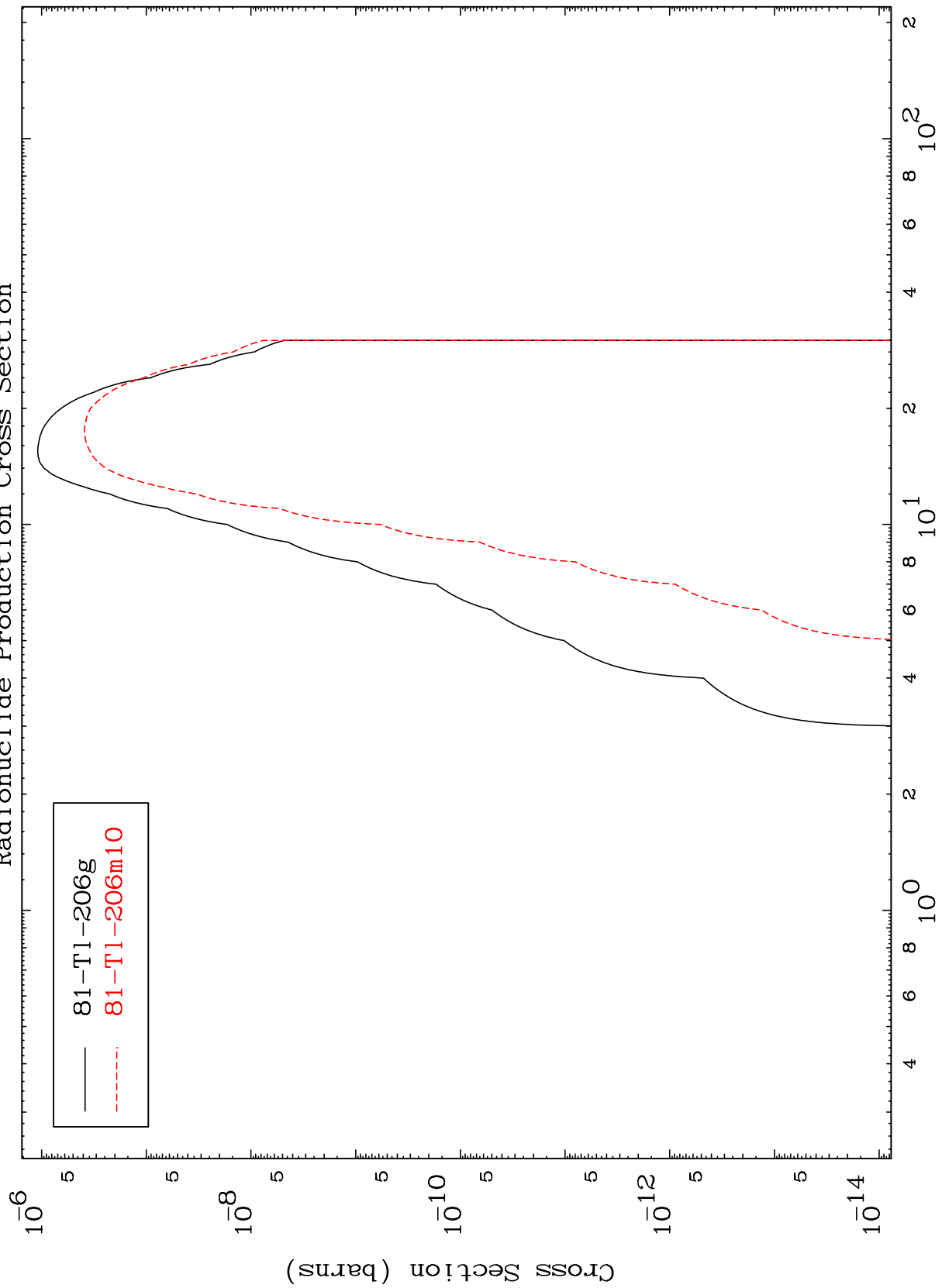
Incident Energy (MeV)

13

MAT 8329

83-Bi-210

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



81-Tl-206g  
81-Tl-206m10

83-Bi-210

Incident Energy (MeV)

14