

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

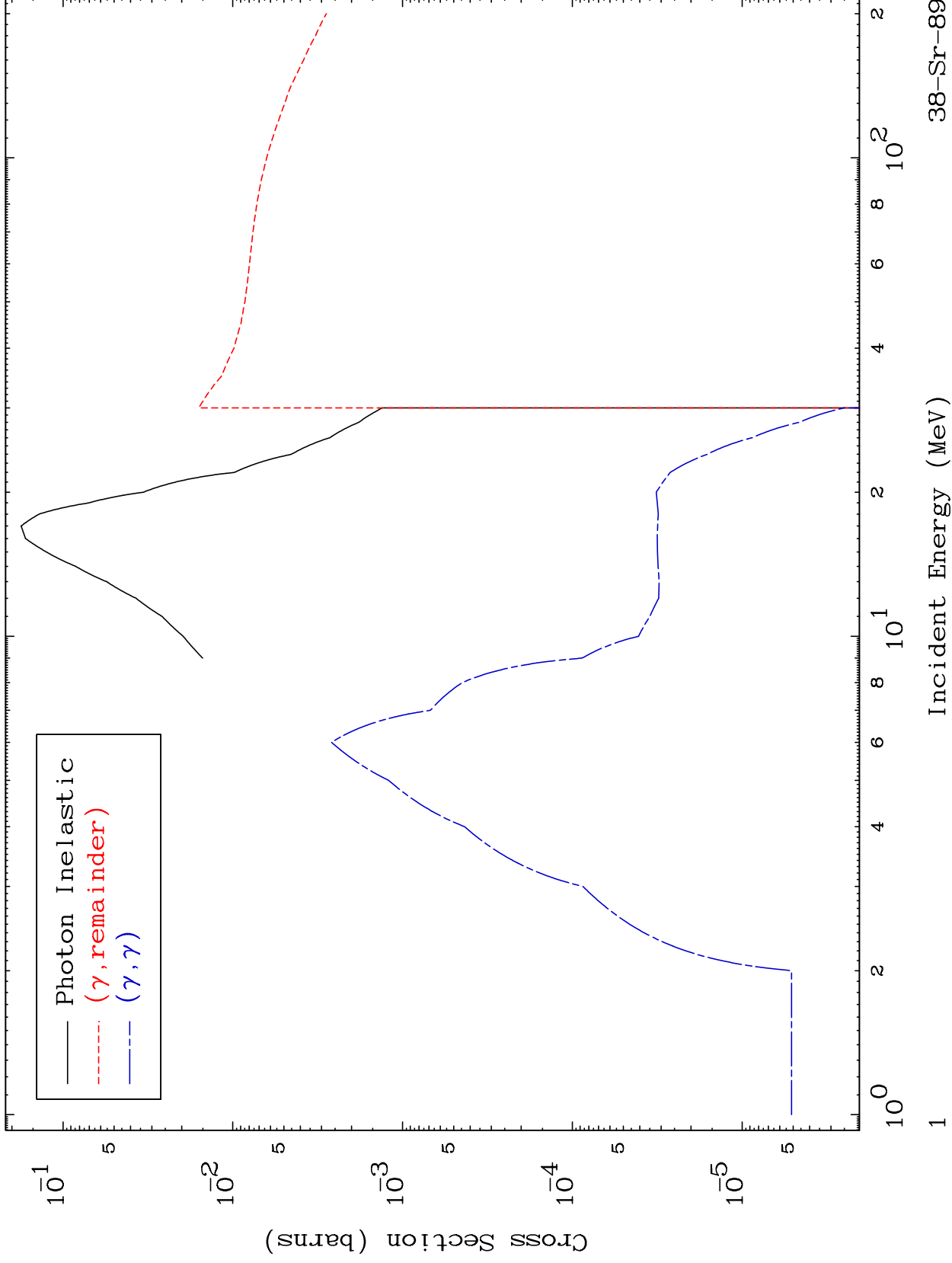
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3840

Photon Major  
0 Kelvin Cross Sections

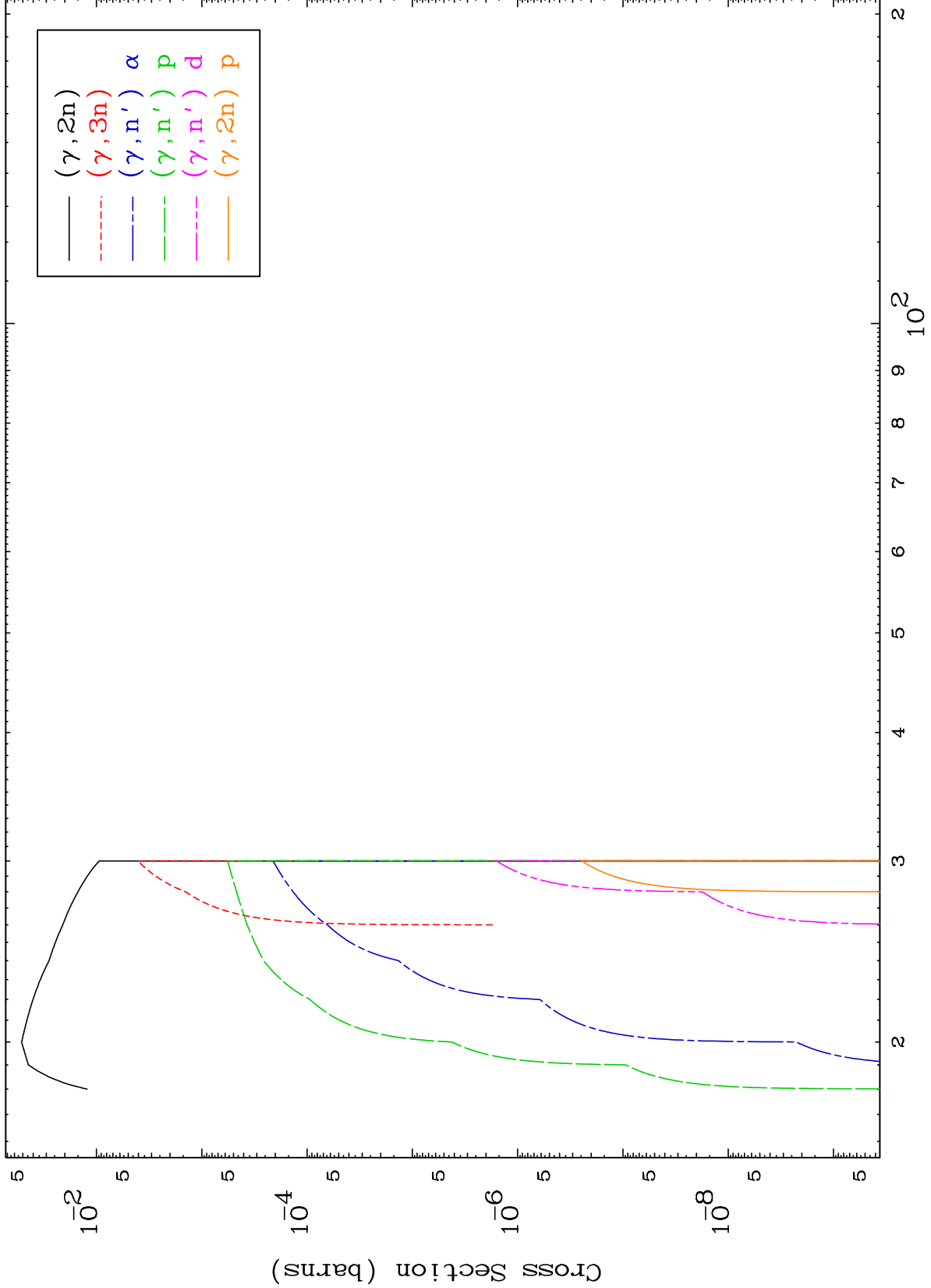
38-Sr-89

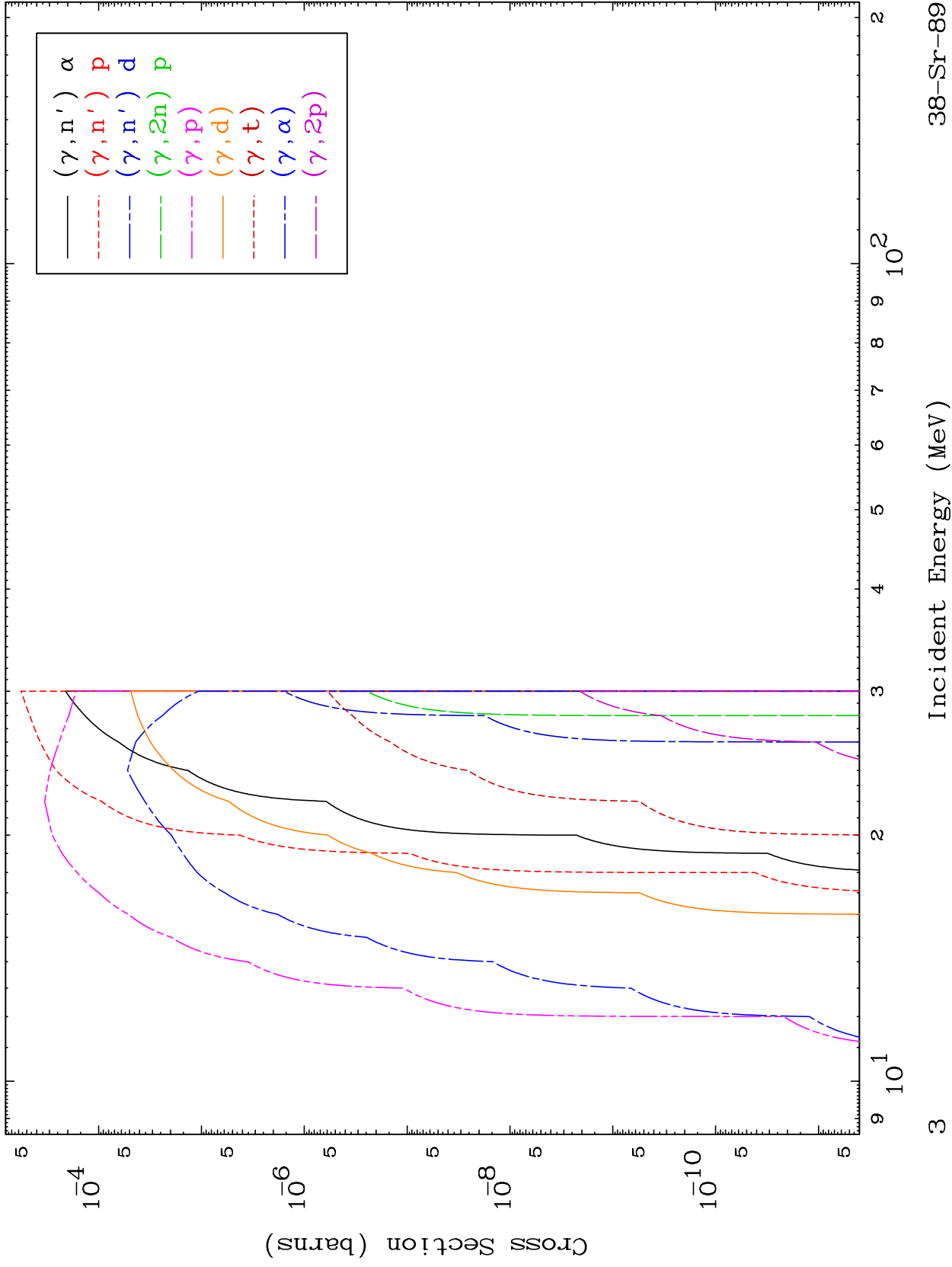


— Photon Inelastic  
- - - (γ, remainder)  
- · - (γ, γ)

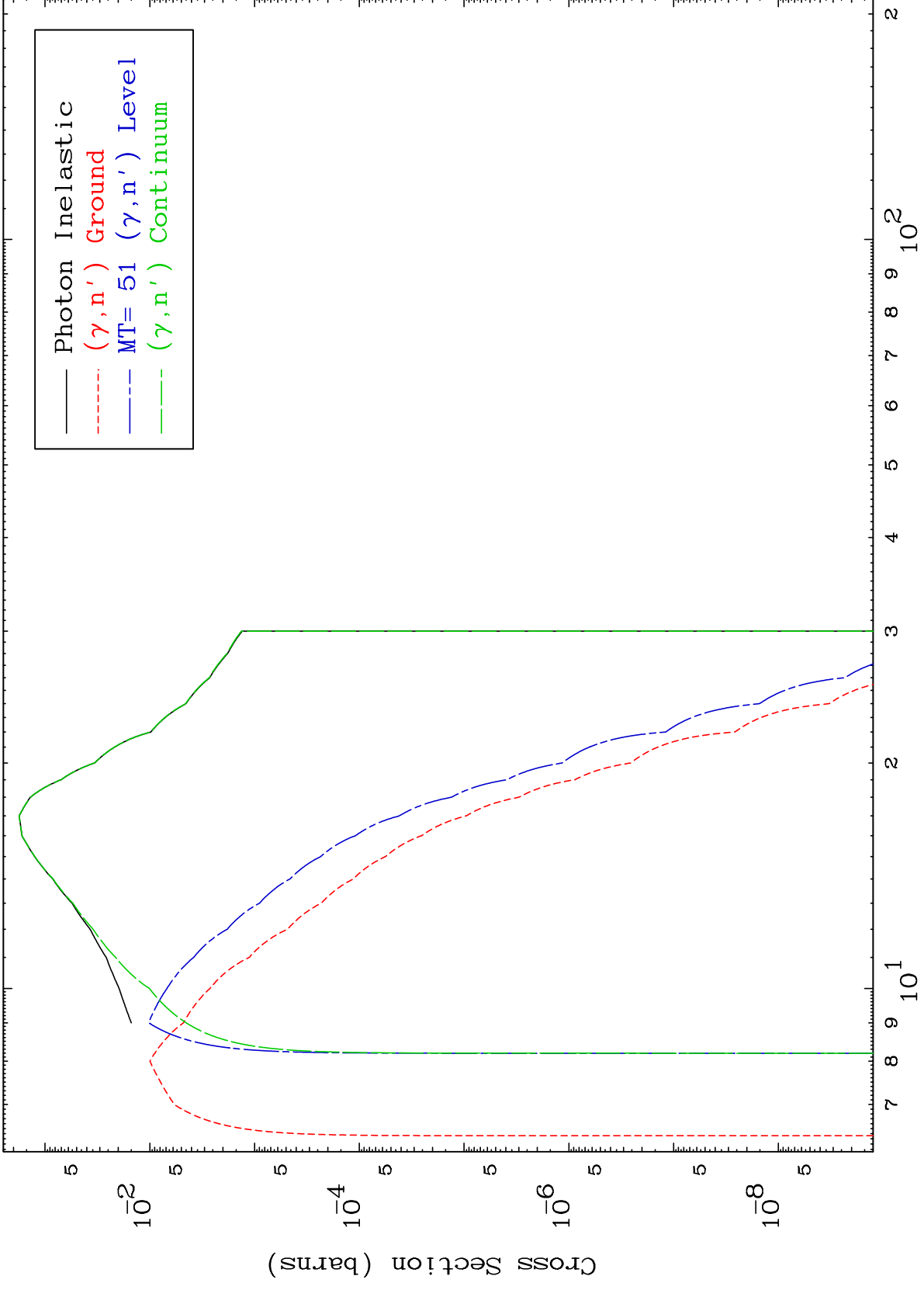
38-Sr-89

Incident Energy (MeV)





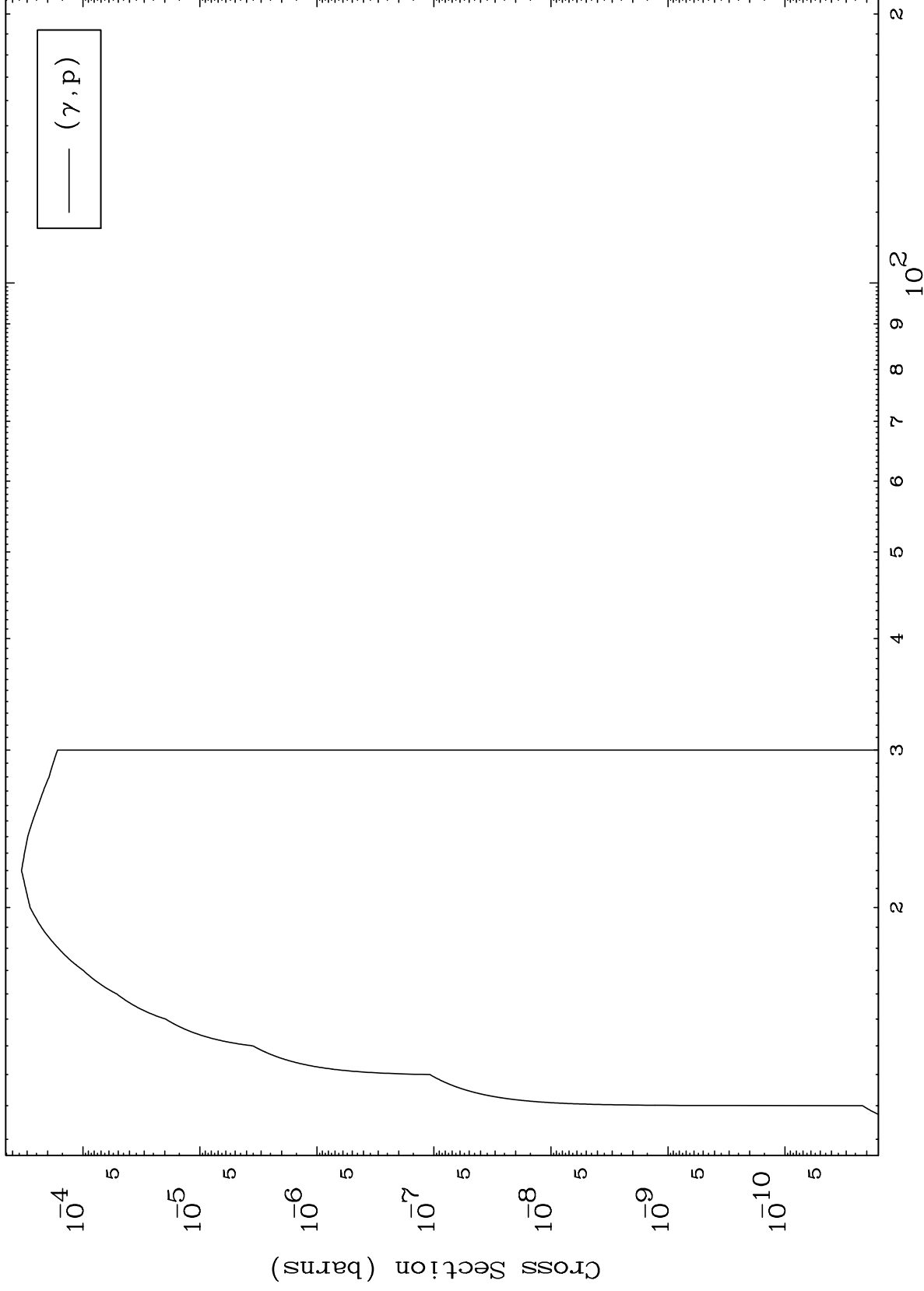
0 Kelvin Cross Sections



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

38-Sr-89



5

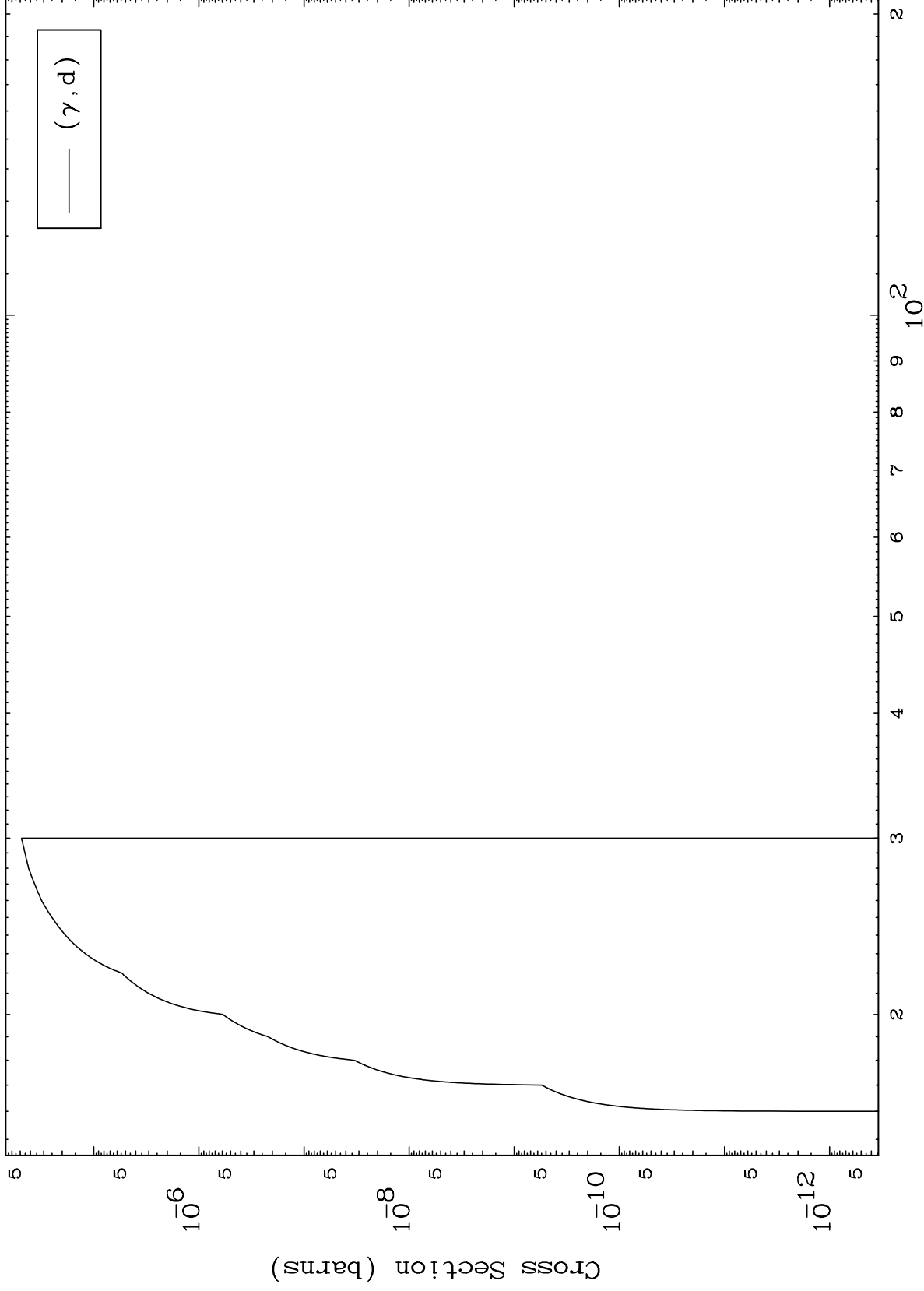
Incident Energy (MeV)

38-Sr-89

MAT 3840

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

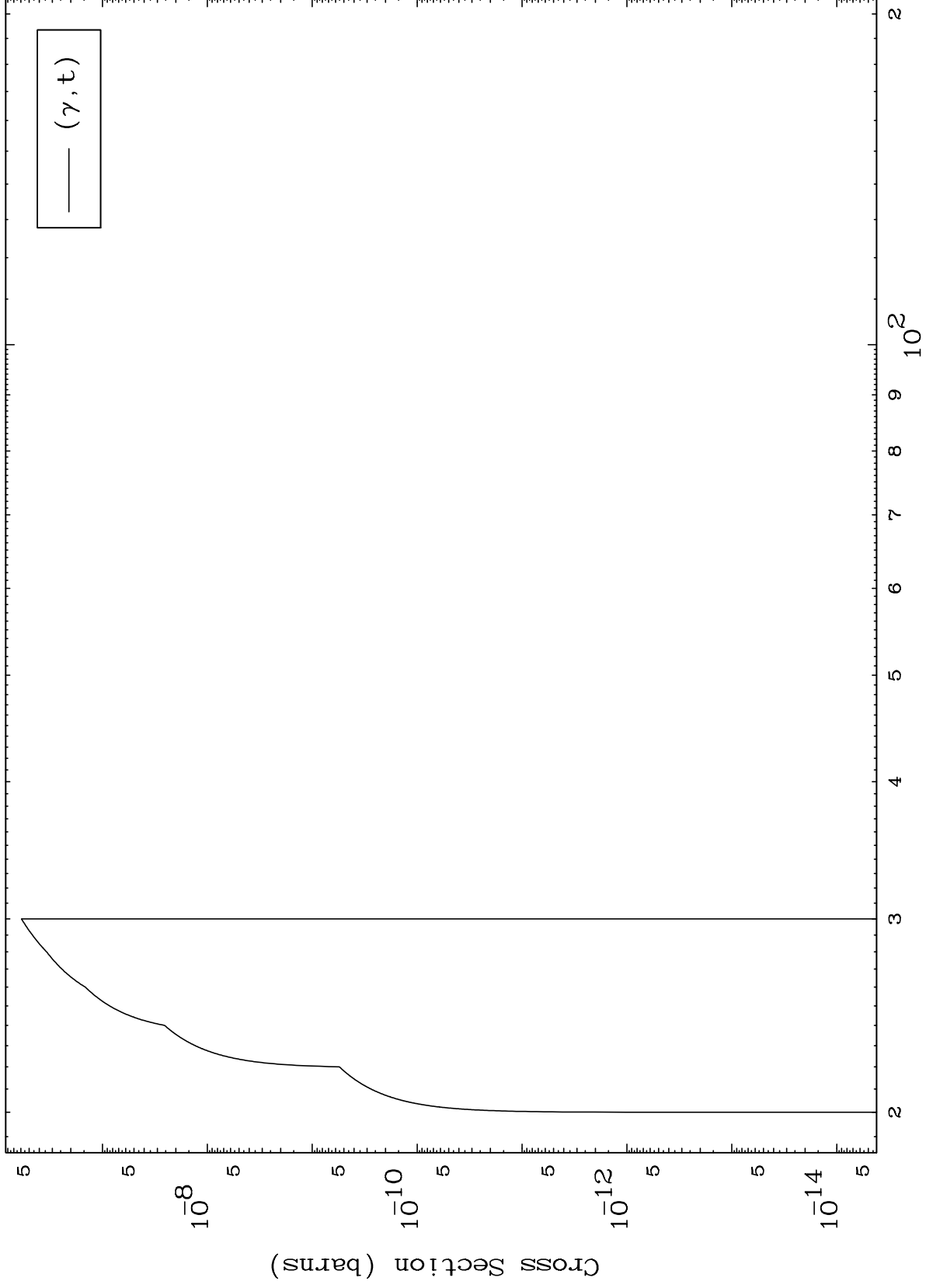
38-Sr-89



Incident Energy (MeV)

38-Sr-89

6

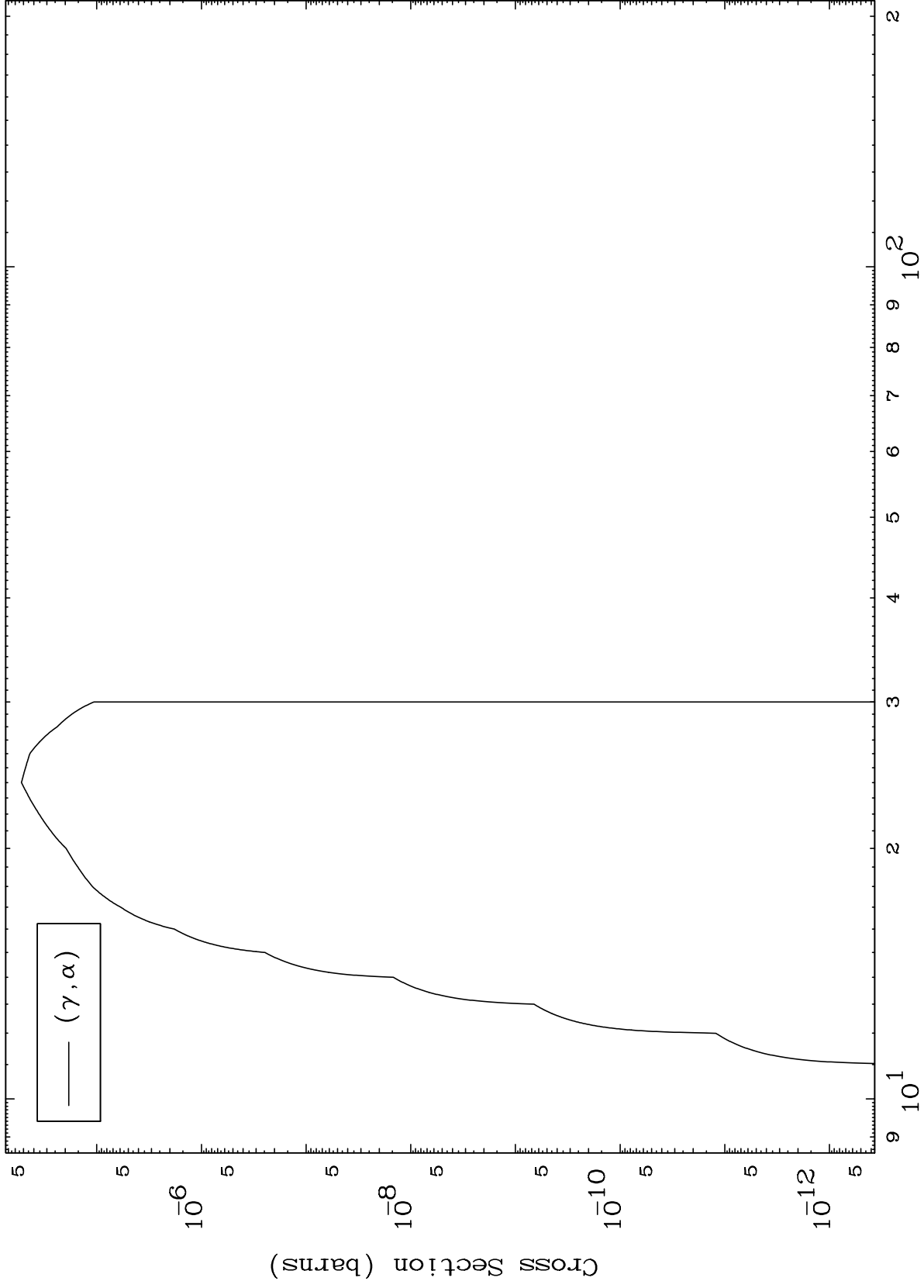




MAT 3840

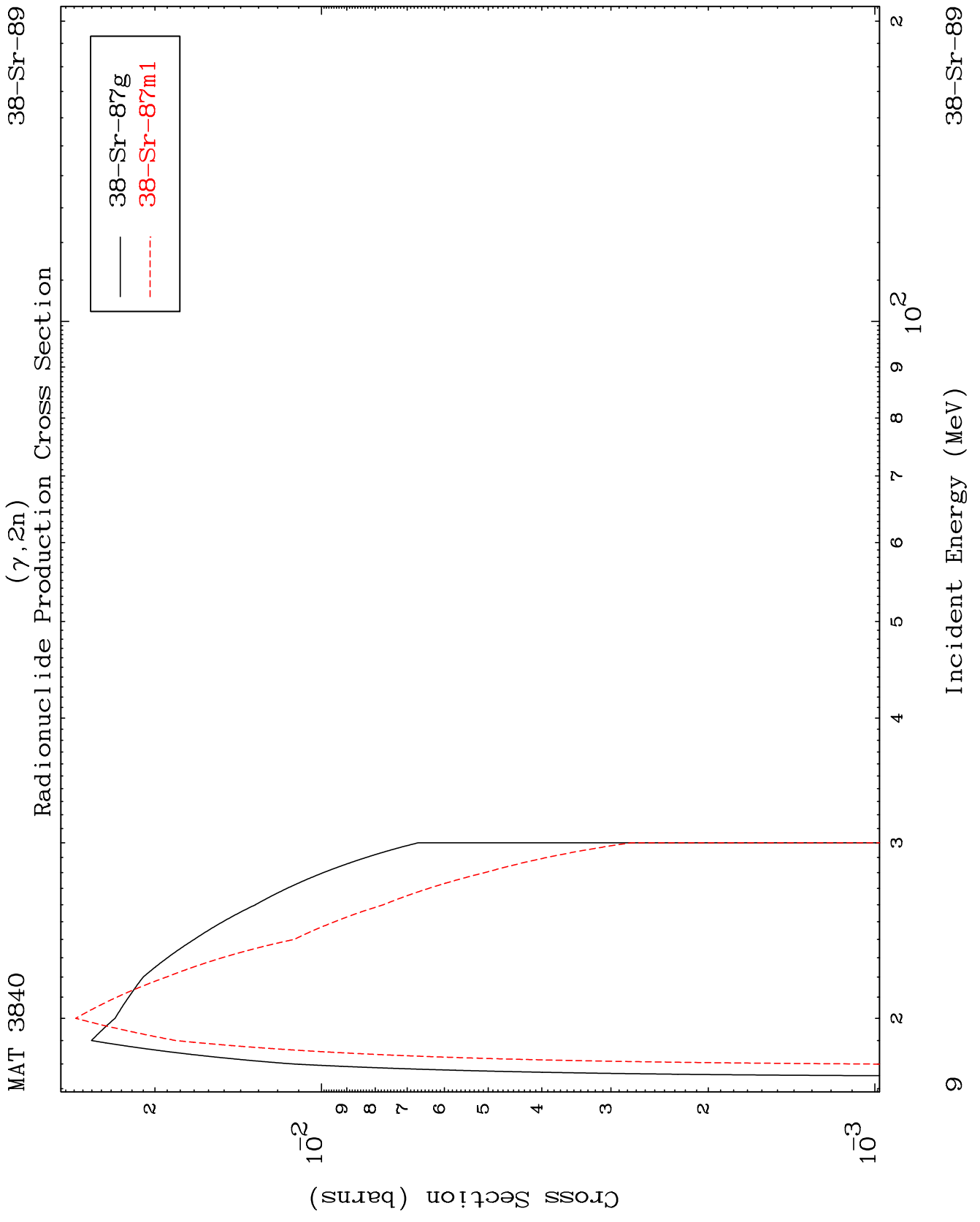
( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

38-Sr-89



Incident Energy (MeV)

38-Sr-89



9

Incident Energy (MeV)

10<sup>2</sup>

2

10<sup>-2</sup>

Cross Section (barns)

10<sup>-3</sup>

2

2

3

4

5

6

7

8

9

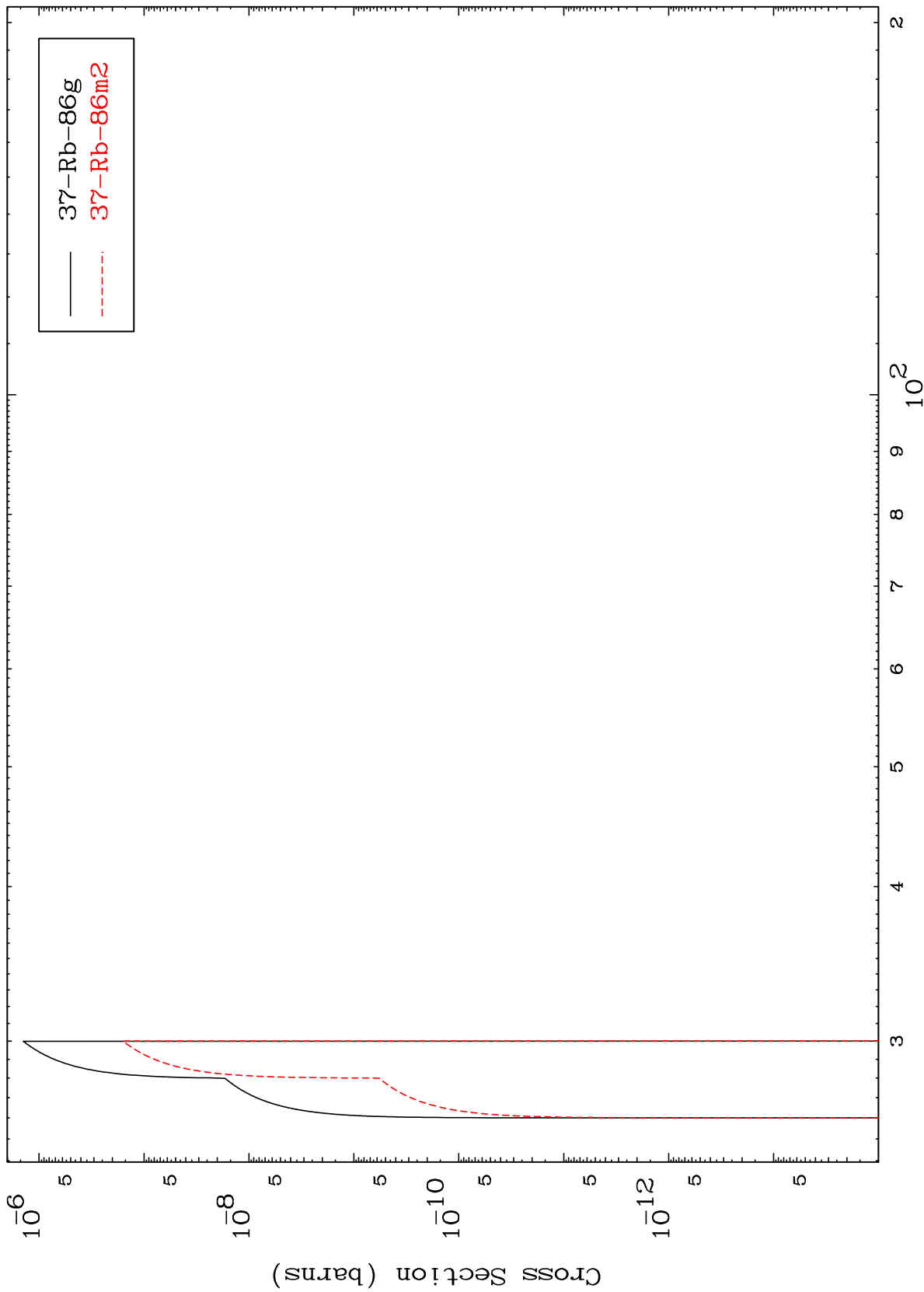
10

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( $\gamma, n'$ ) d

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Radionuclide Production Cross Section



10

Incident Energy (MeV)

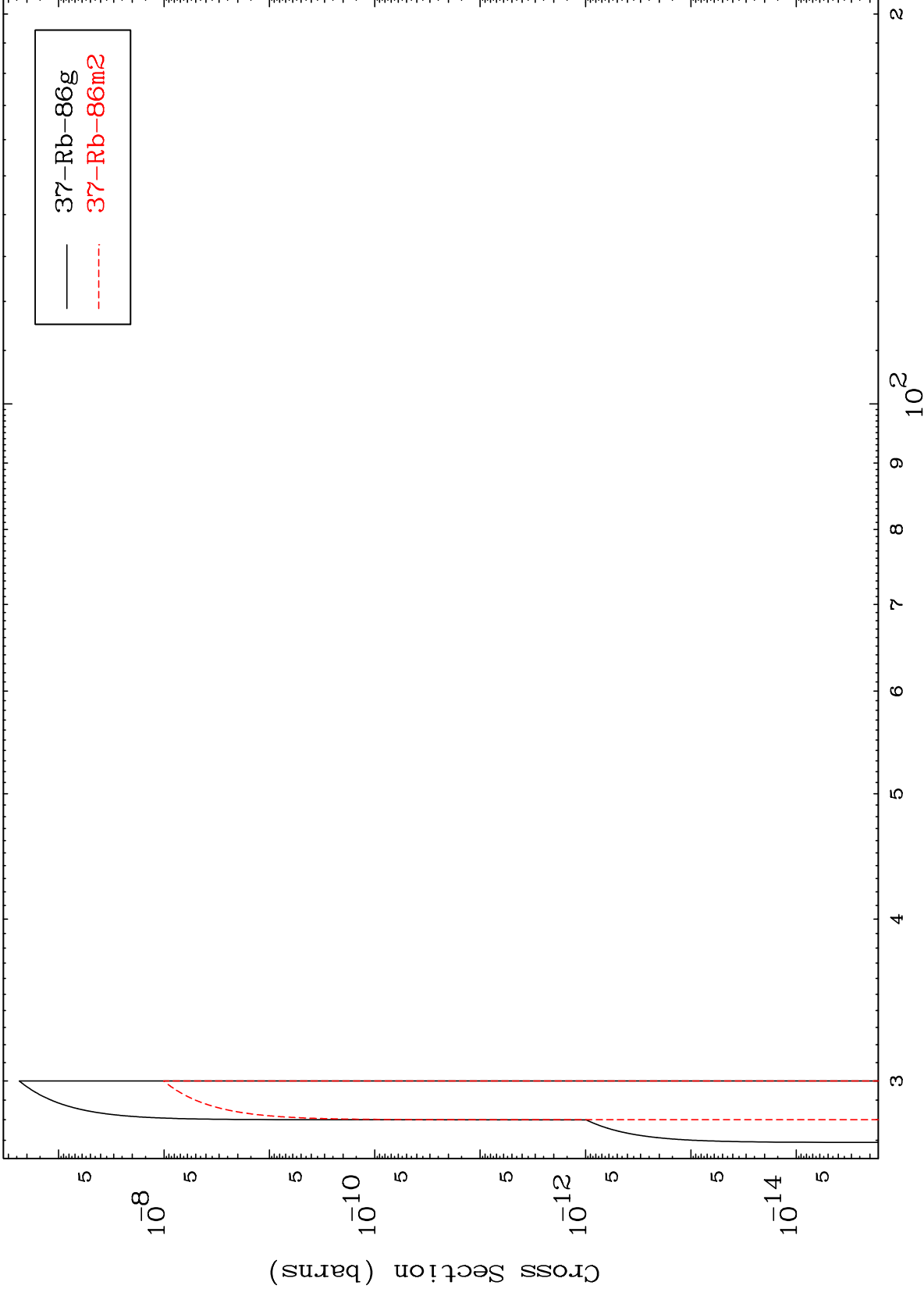
38-Sr-89

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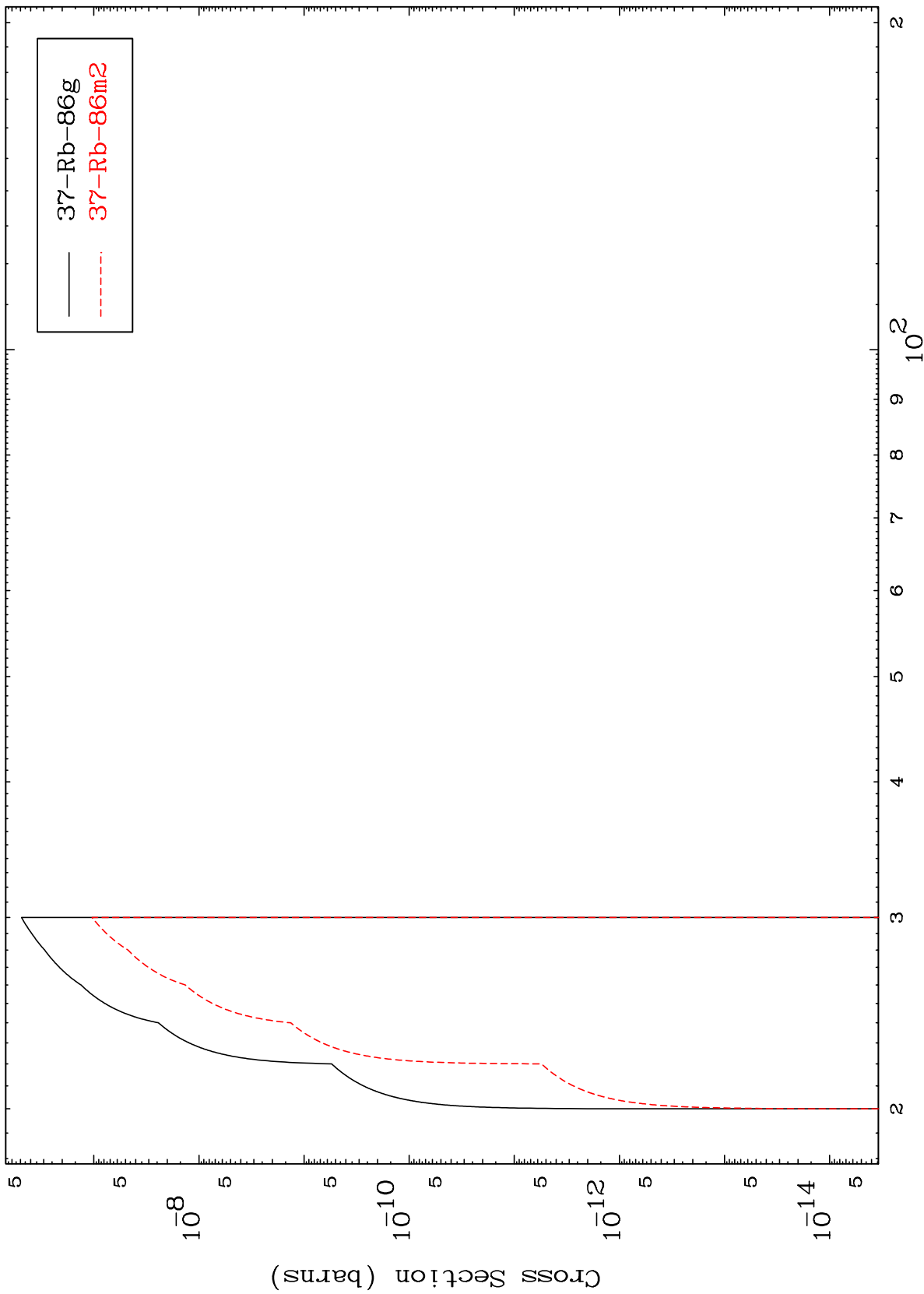
( $\gamma, 2n$ ) p

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Radionuclide Production Cross Section



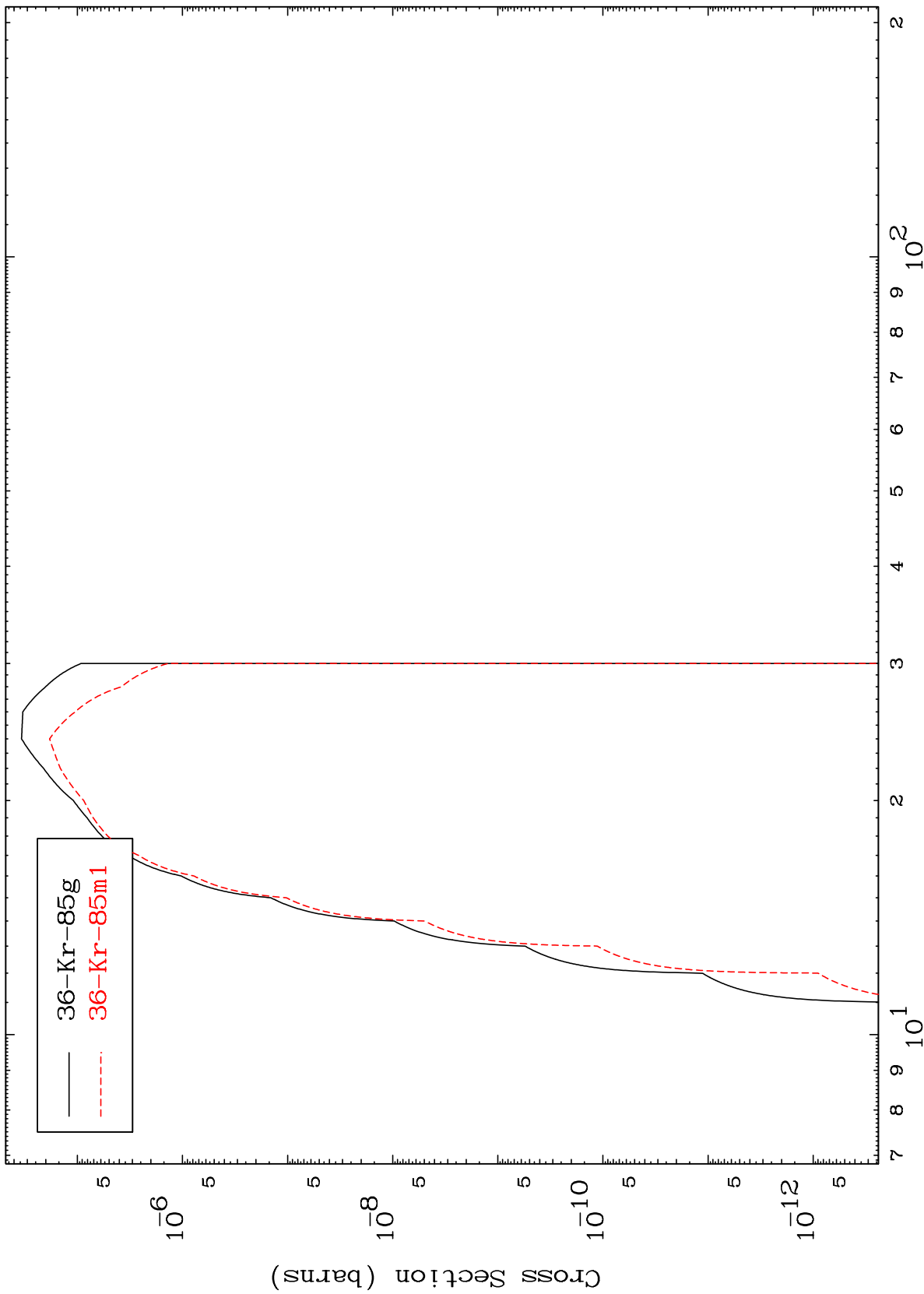
( $\gamma, t$ )  
Radionuclide Production Cross Section



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38-Sr-89

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



Incident Energy (MeV)

38-Sr-89

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