

Program EVALPLOT  
(Version 2021-1)

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

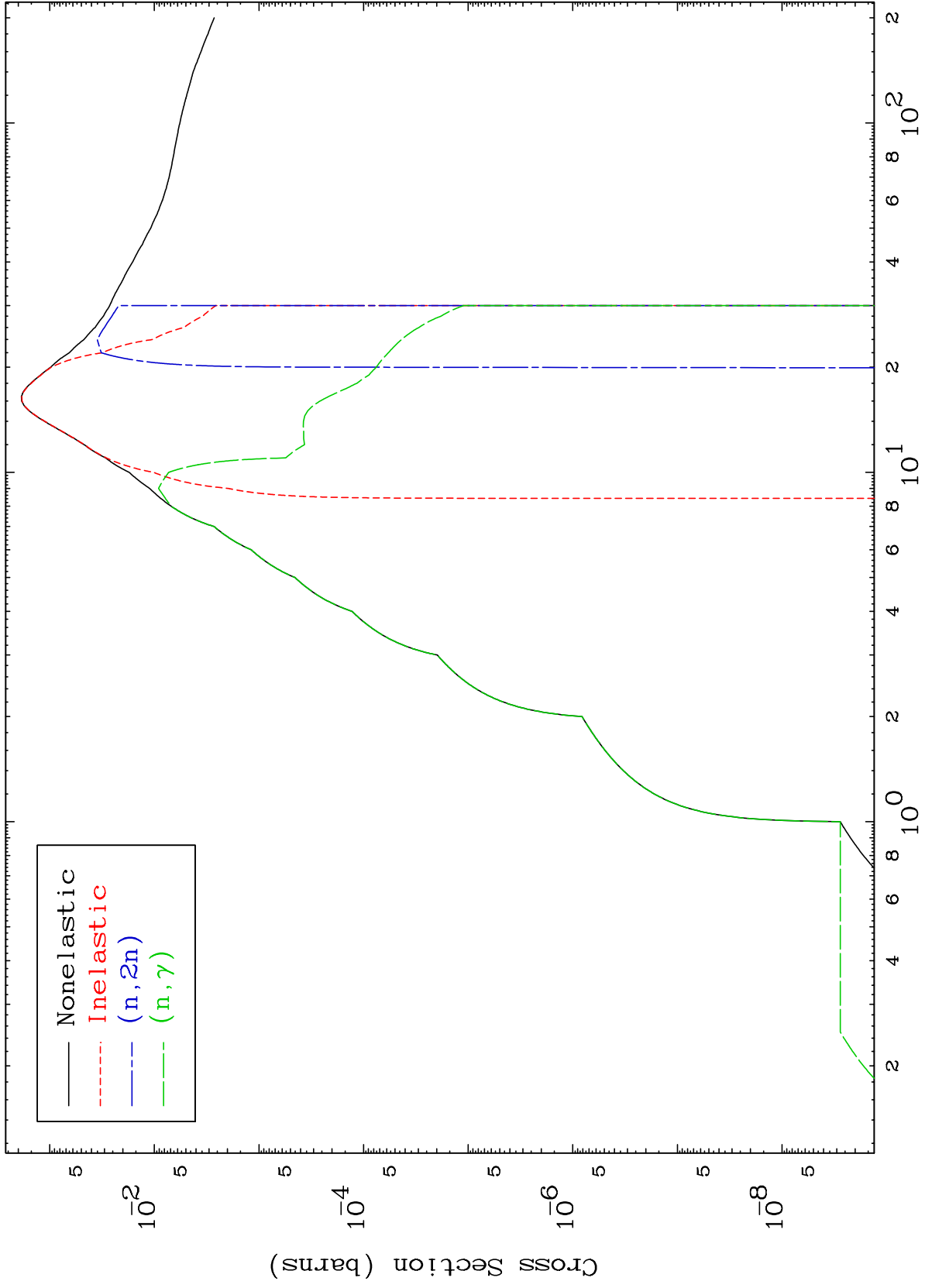
Press Mouse Button to Start

MAT 3834

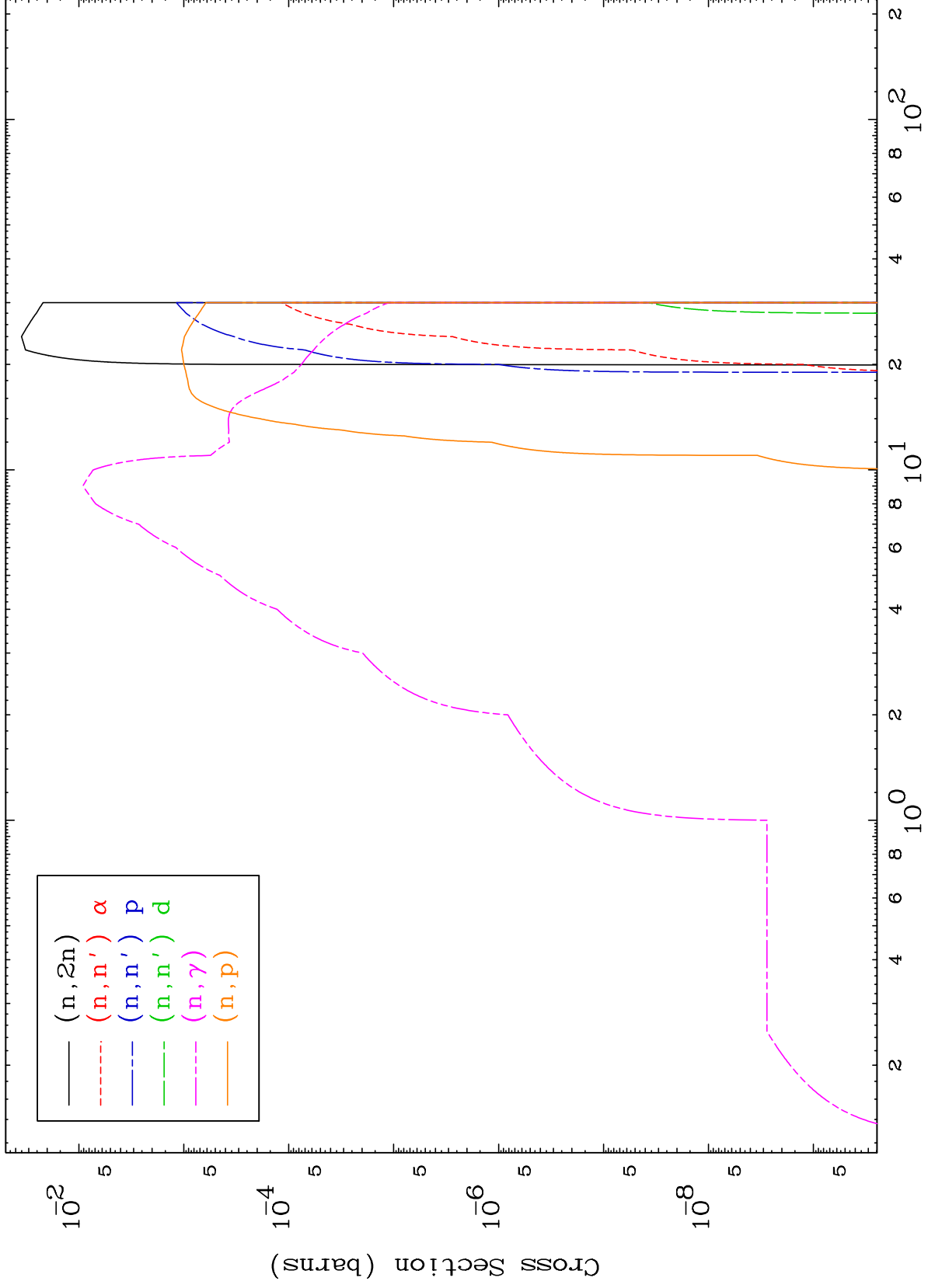
Photon Major

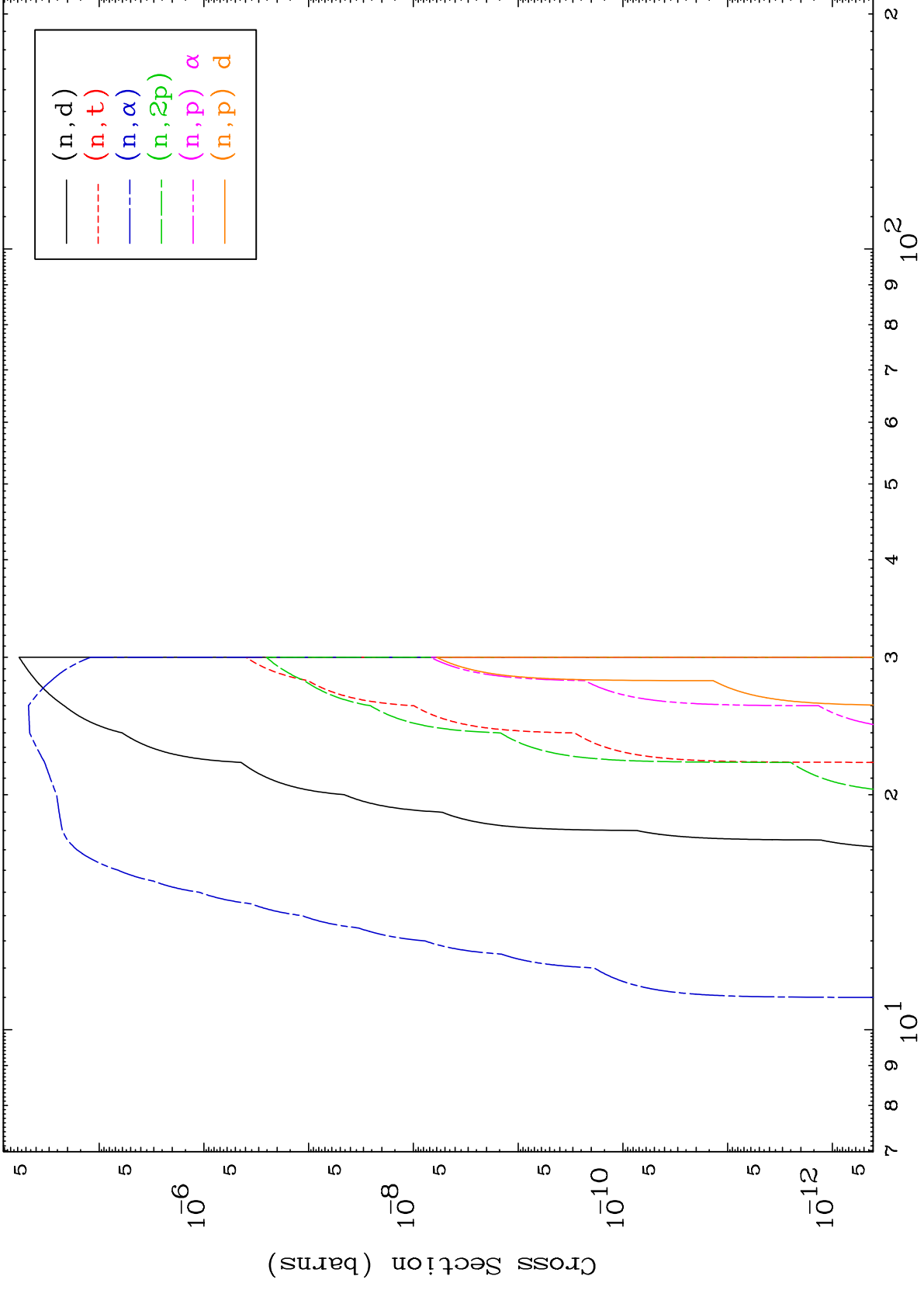
38-Sr-87

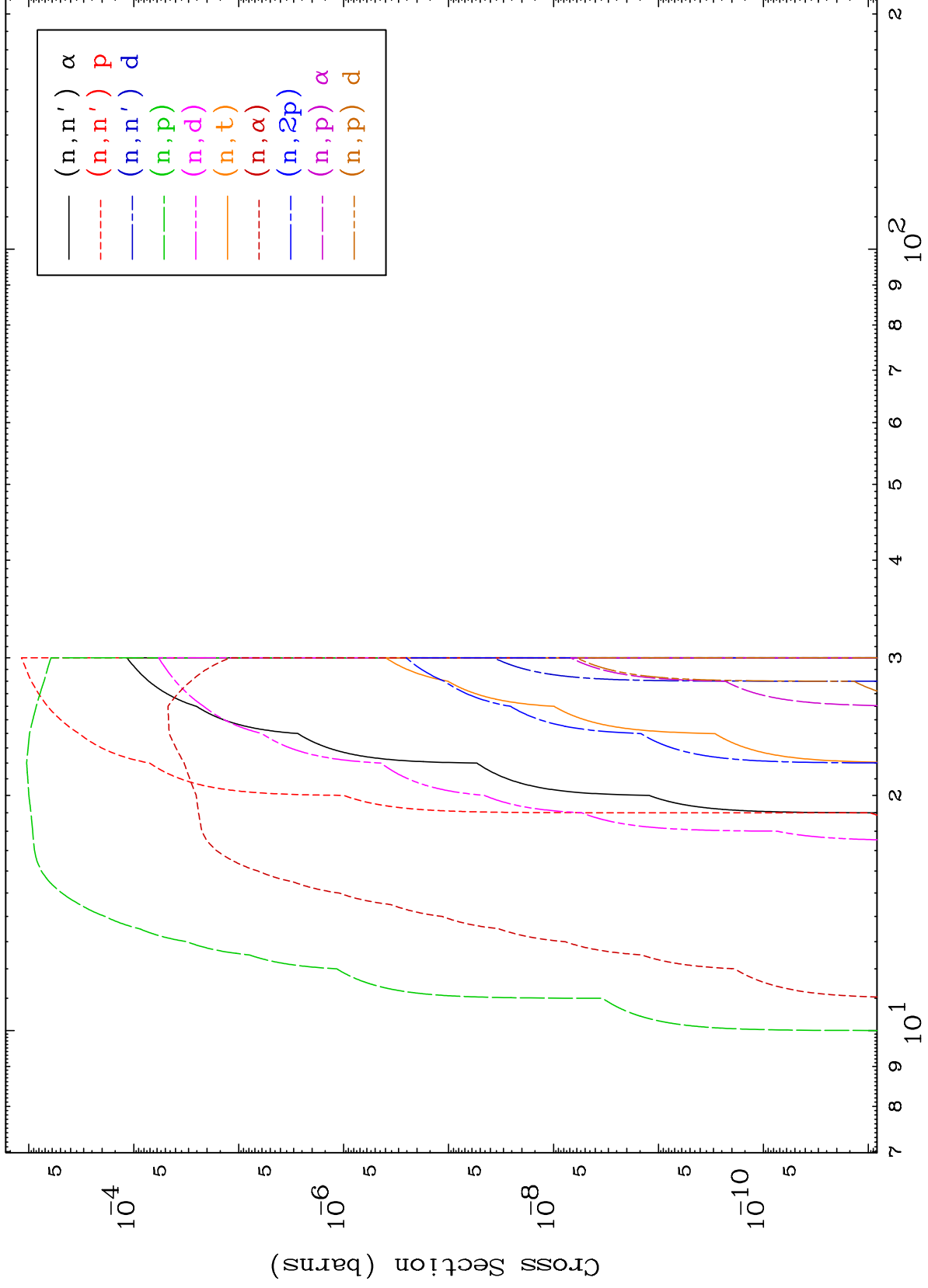
0 Kelvin Cross Sections



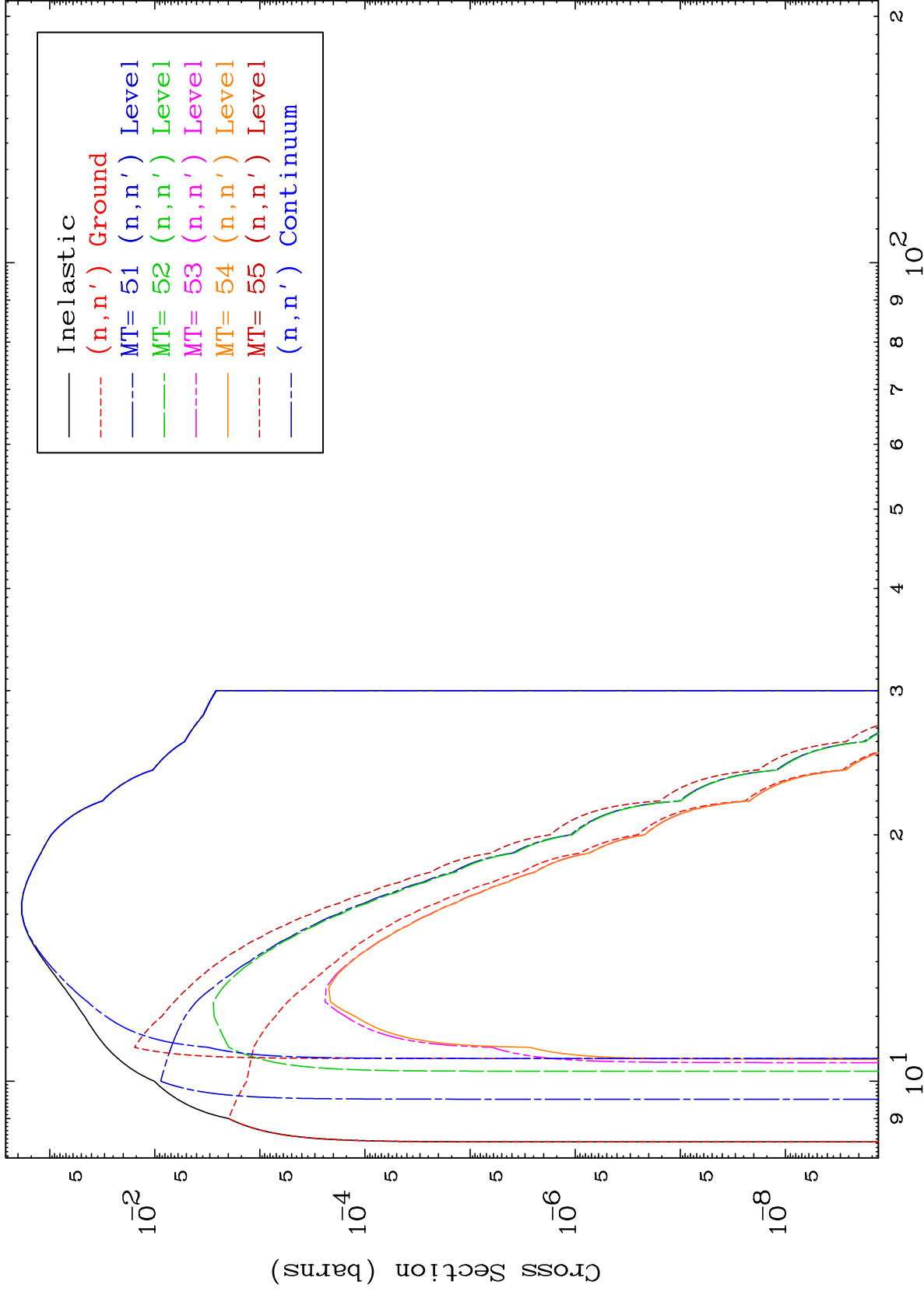
Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n,  $\gamma$ )







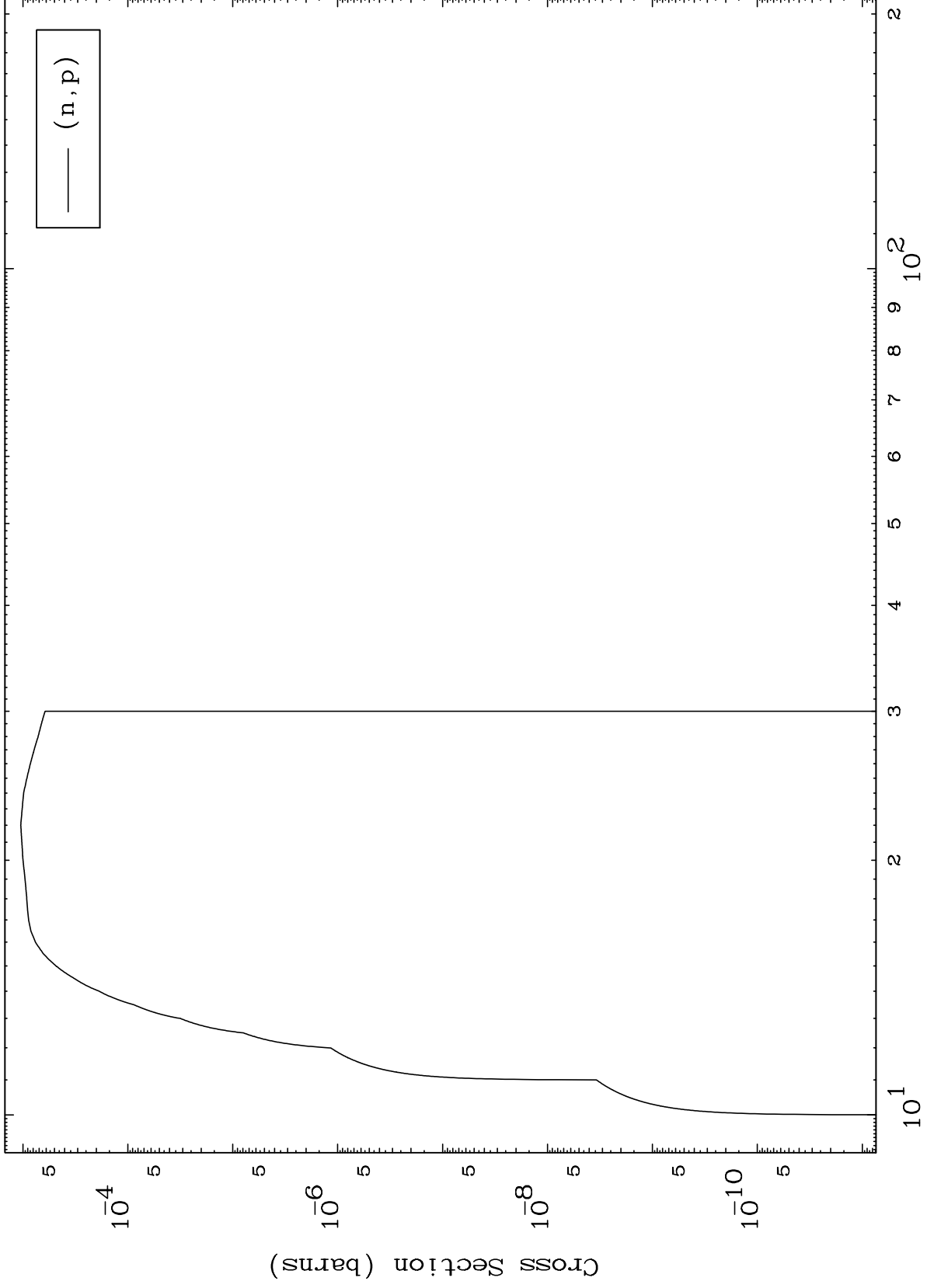
0 Kelvin Cross Sections



MAT 3834

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

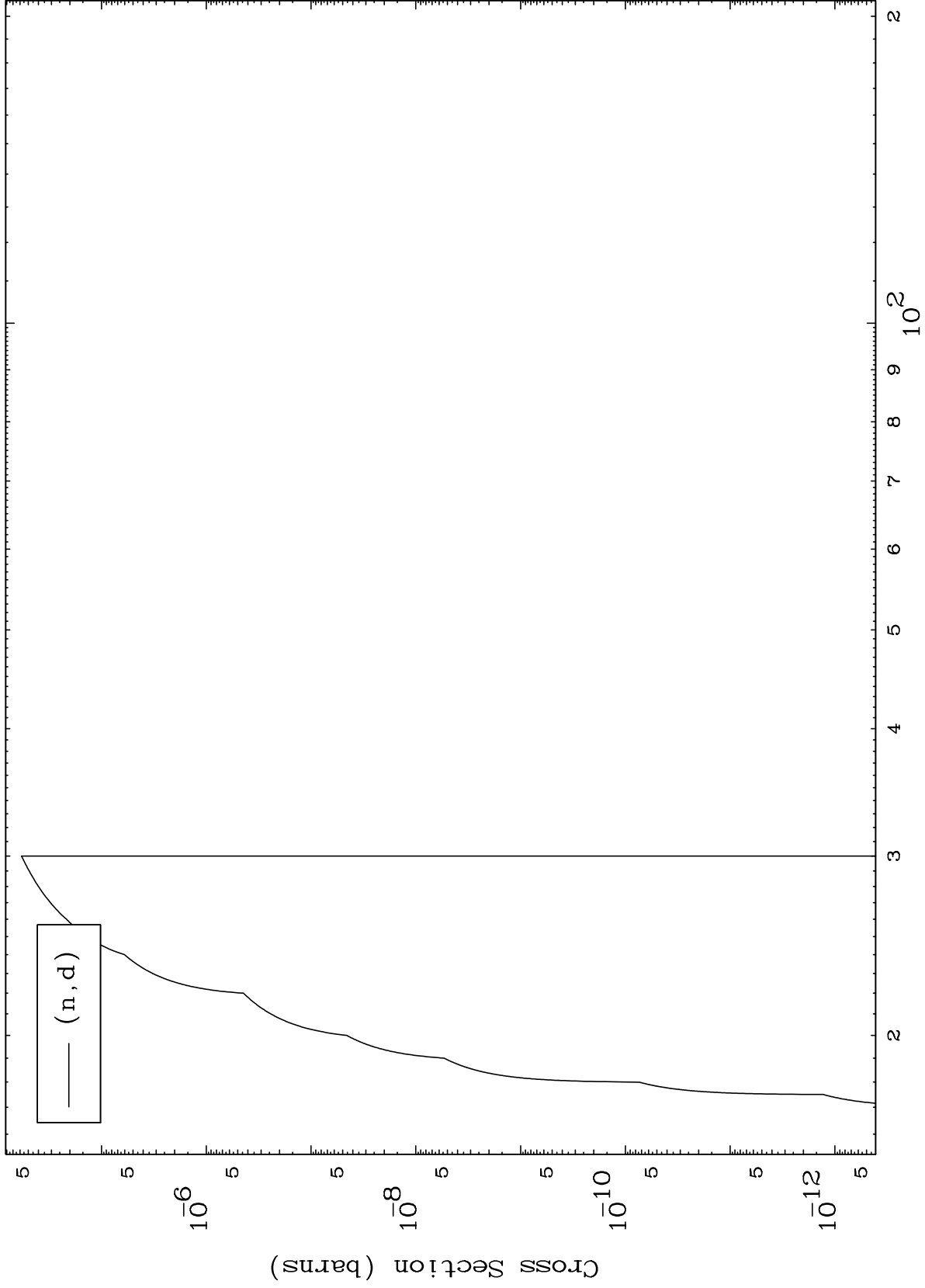
38-Sr-87

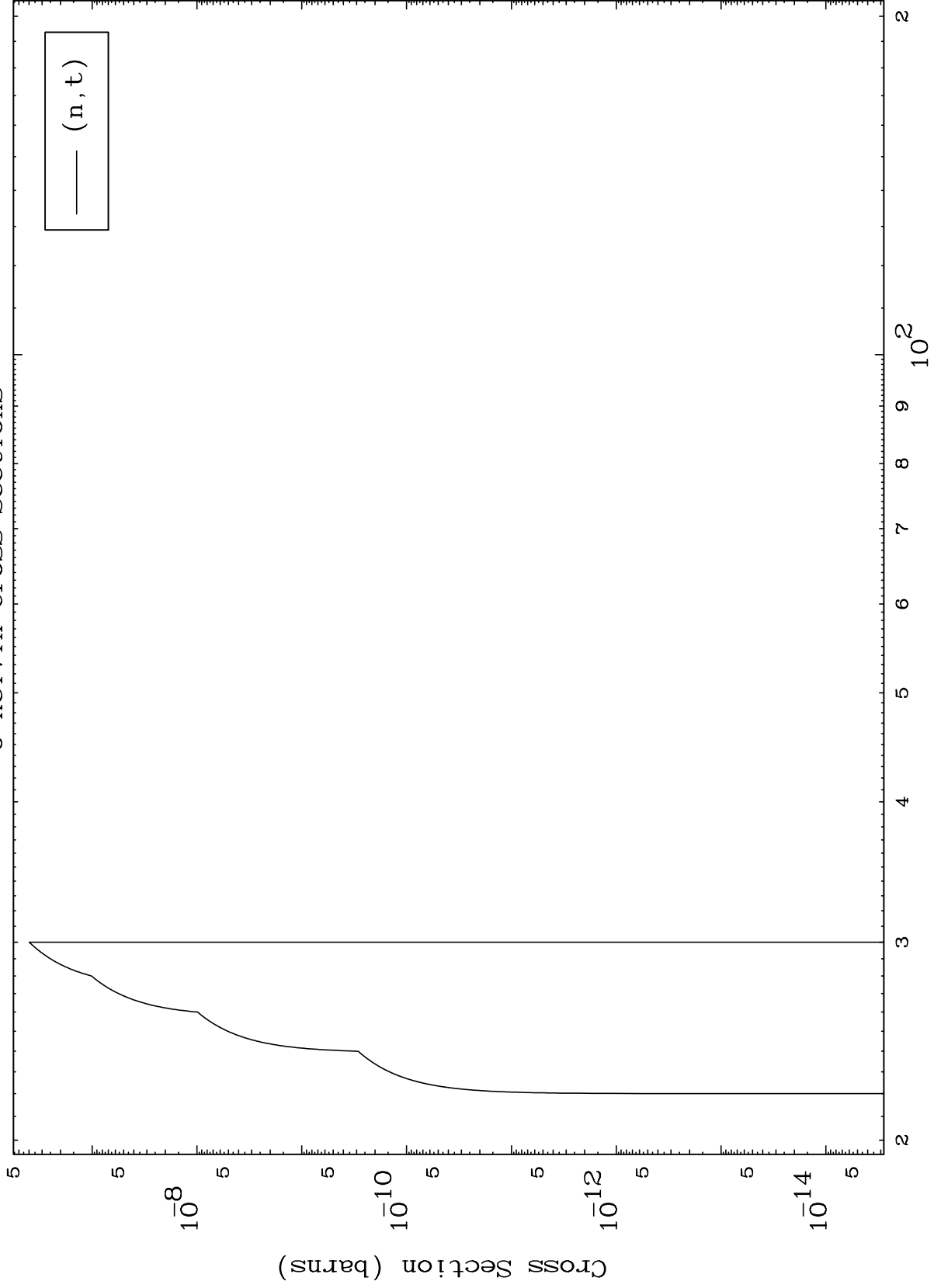


Incident Energy (MeV)

38-Sr-87

6



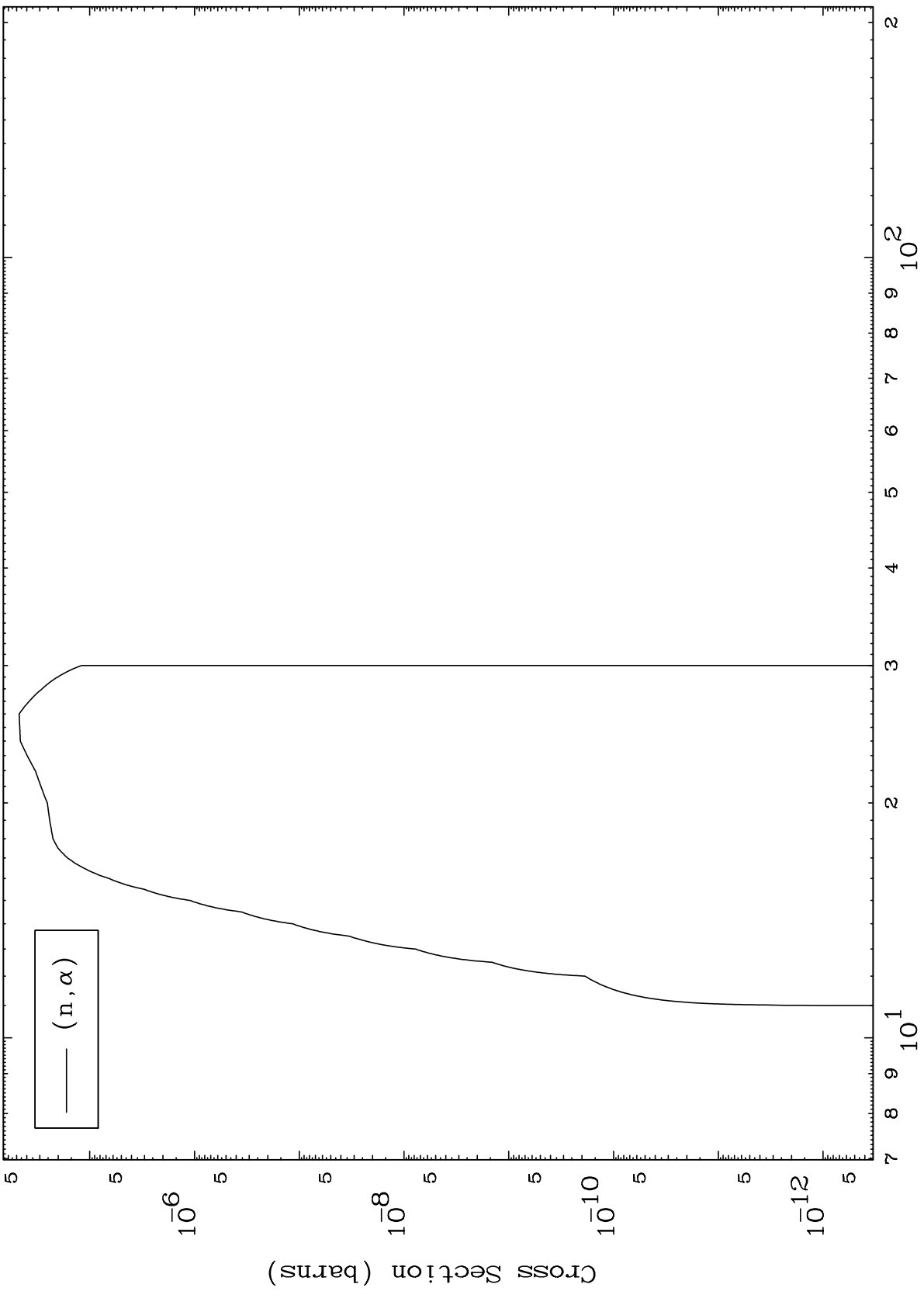


MAT 3834

( $\gamma, \alpha$ ) Levels

38-Sr-87

0 Kelvin Cross Sections



9

Incident Energy (MeV)

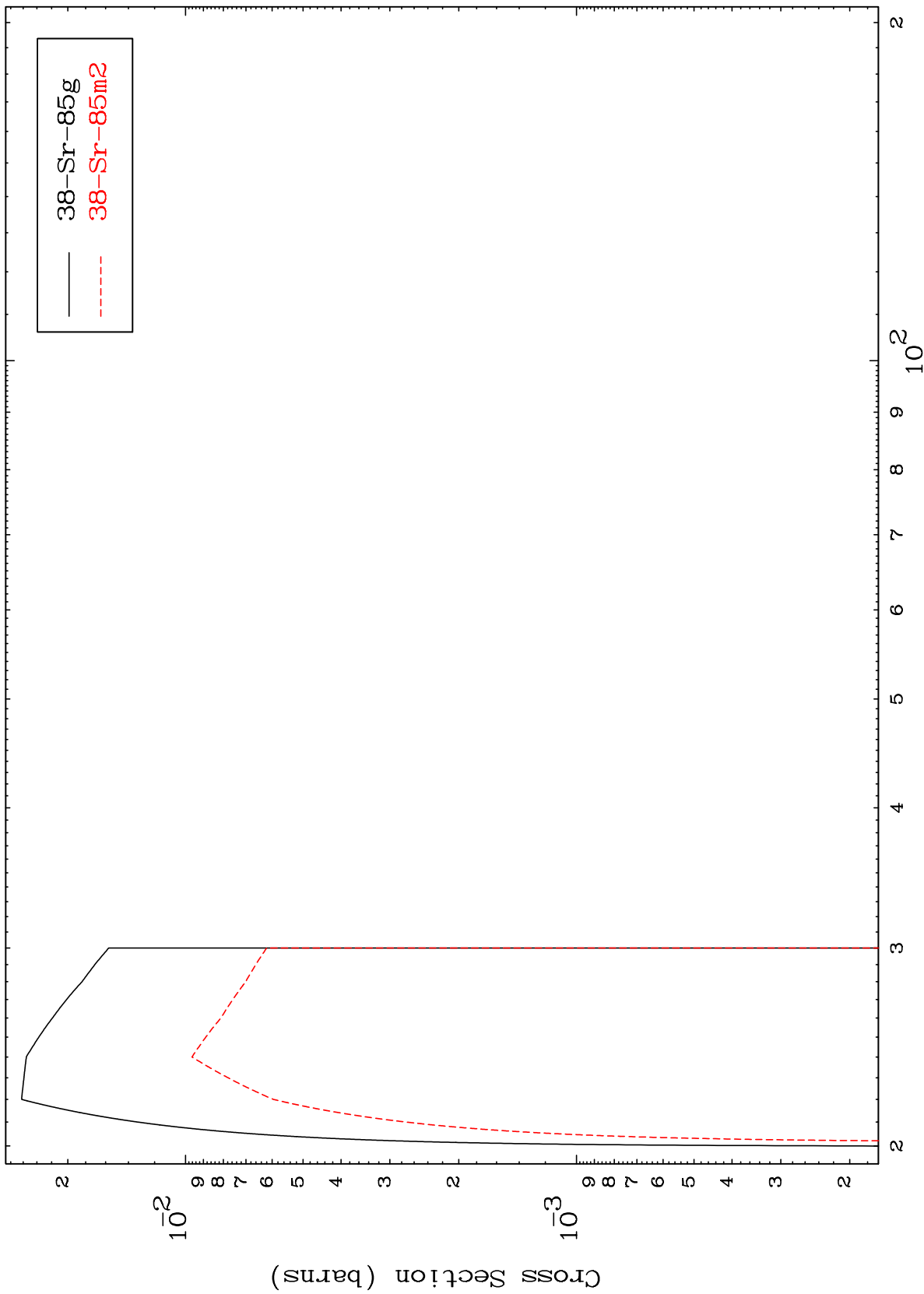
38-Sr-87

MAT 3834

<sup>38</sup>Sr-87

(n,2n)

Radionuclide Production Cross Section



<sup>38</sup>Sr-87

Incident Energy (MeV)

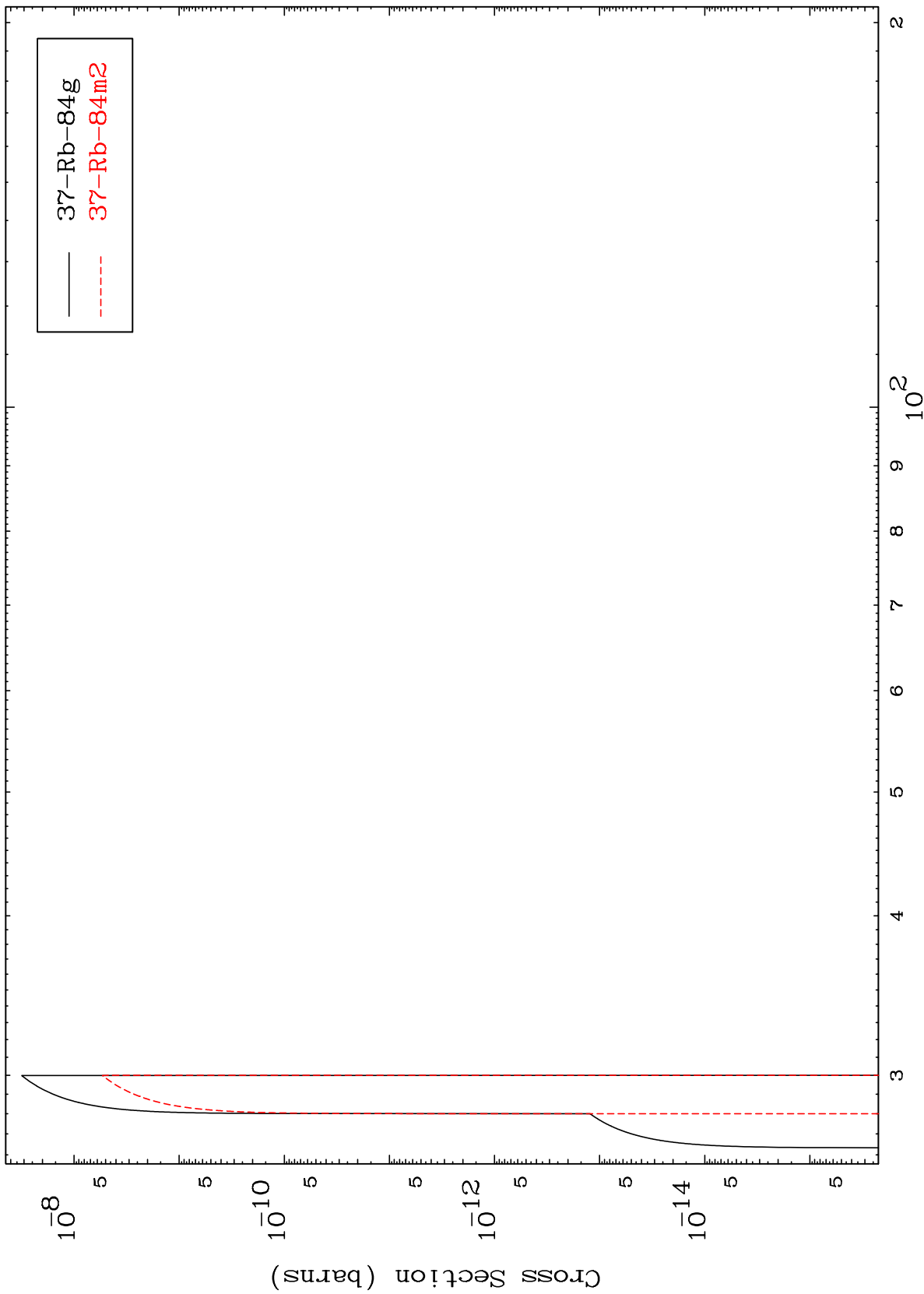
10

MAT 3834

(n,n') d

38-Sr-87

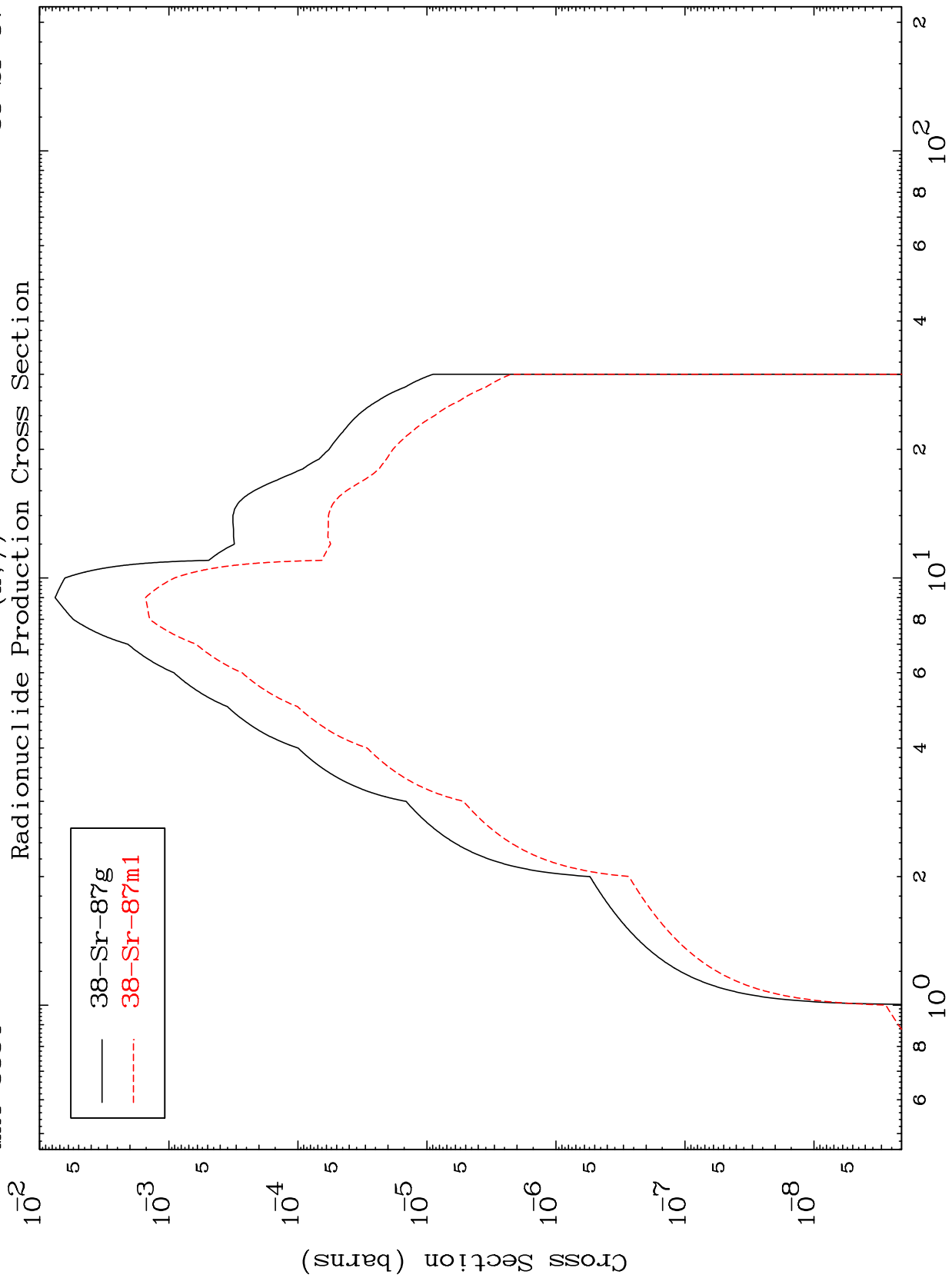
Radionuclide Production Cross Section



MAT 3834

38-Sr-87

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



Legend:  
— 38-Sr-87g  
- - - 38-Sr-87m1

38-Sr-87

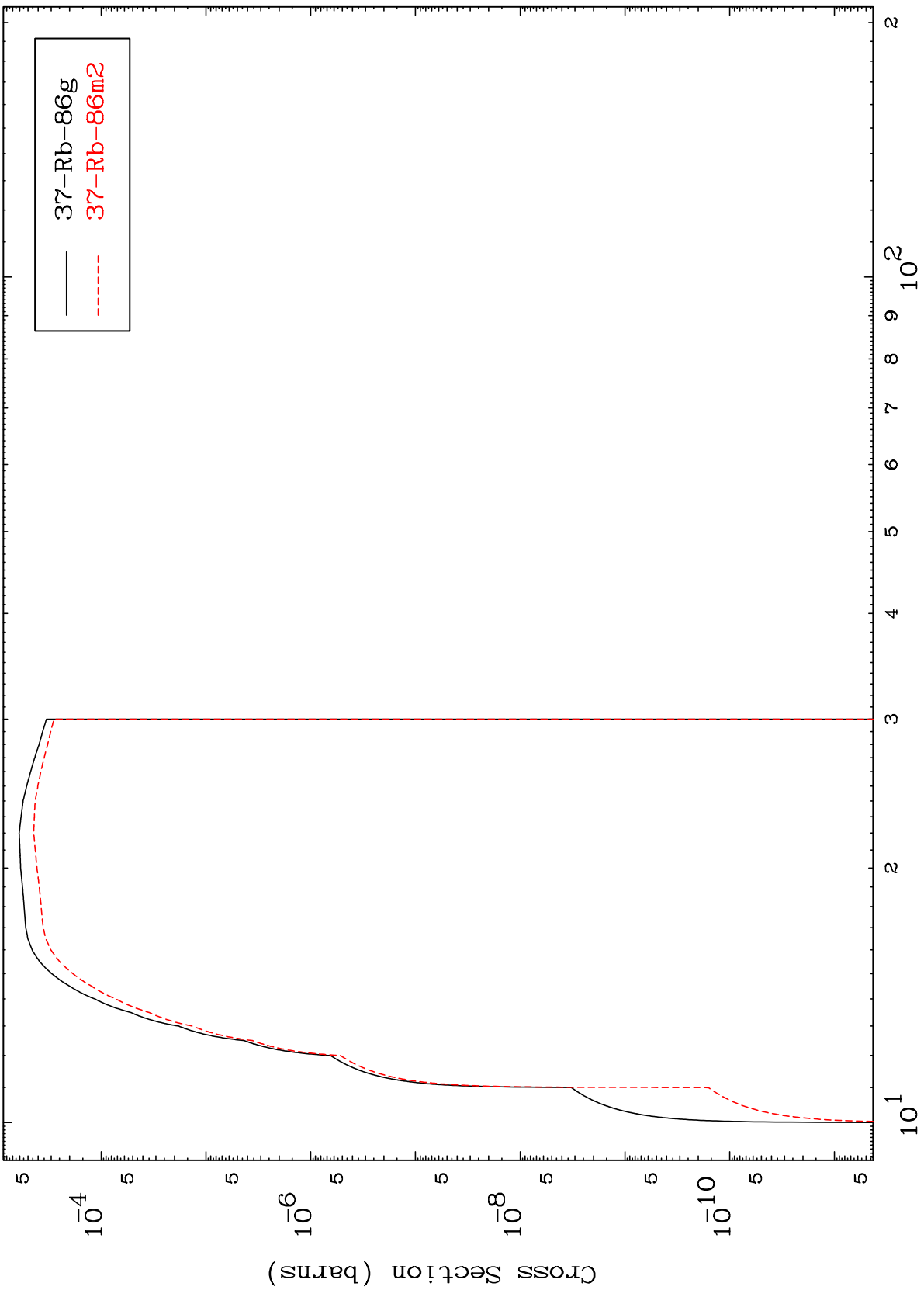
Incident Energy (MeV)

12

MAT 3834

38-Sr-87

(n,p)  
Radionuclide Production Cross Section



38-Sr-87

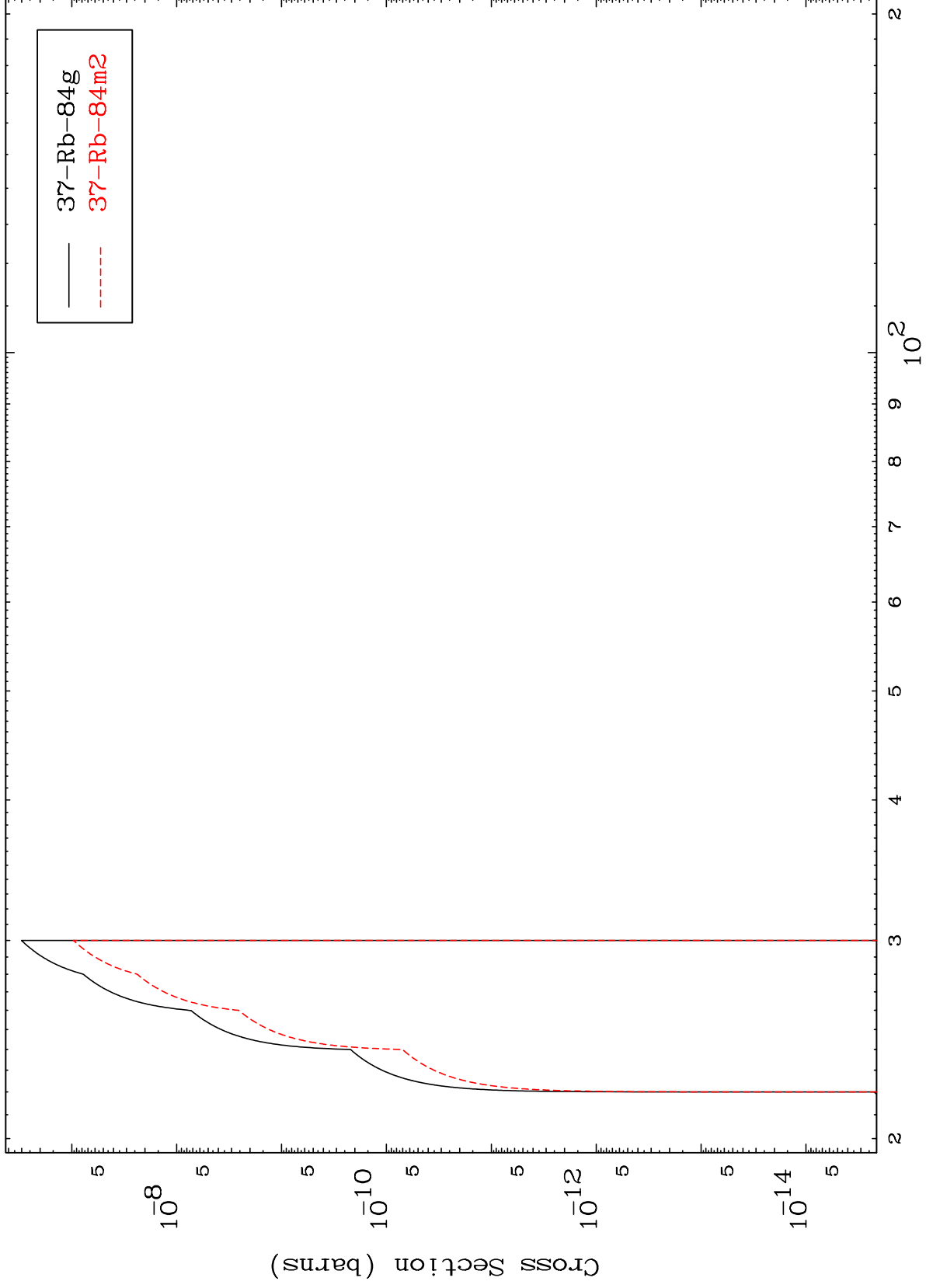
Incident Energy (MeV)

13

MAT 3834

38-Sr-87

(n,t)  
Radionuclide Production Cross Section



38-Sr-87

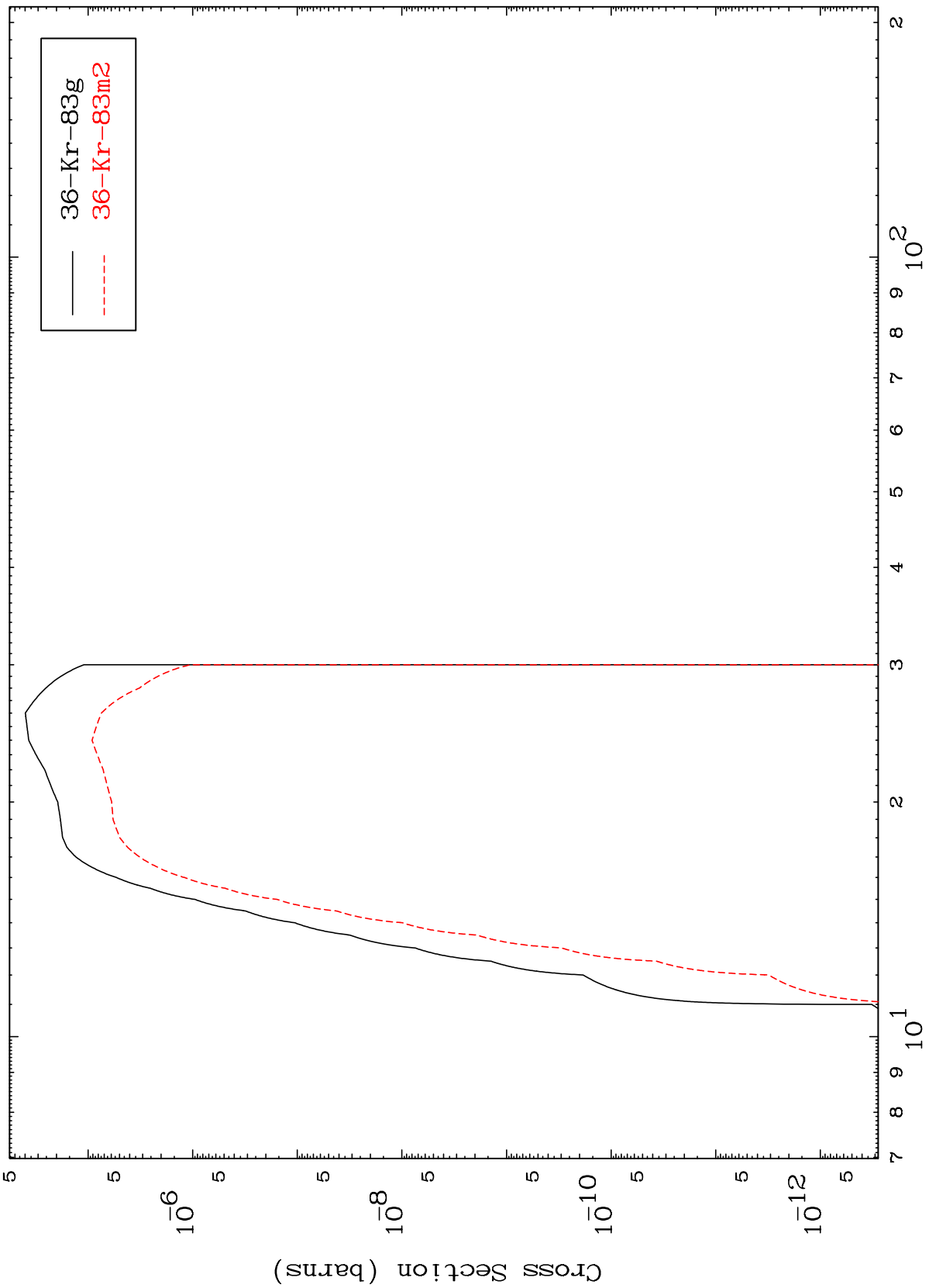
Incident Energy (MeV)

14

MAT 3834

38-Sr-87

(n,α)  
Radionuclide Production Cross Section

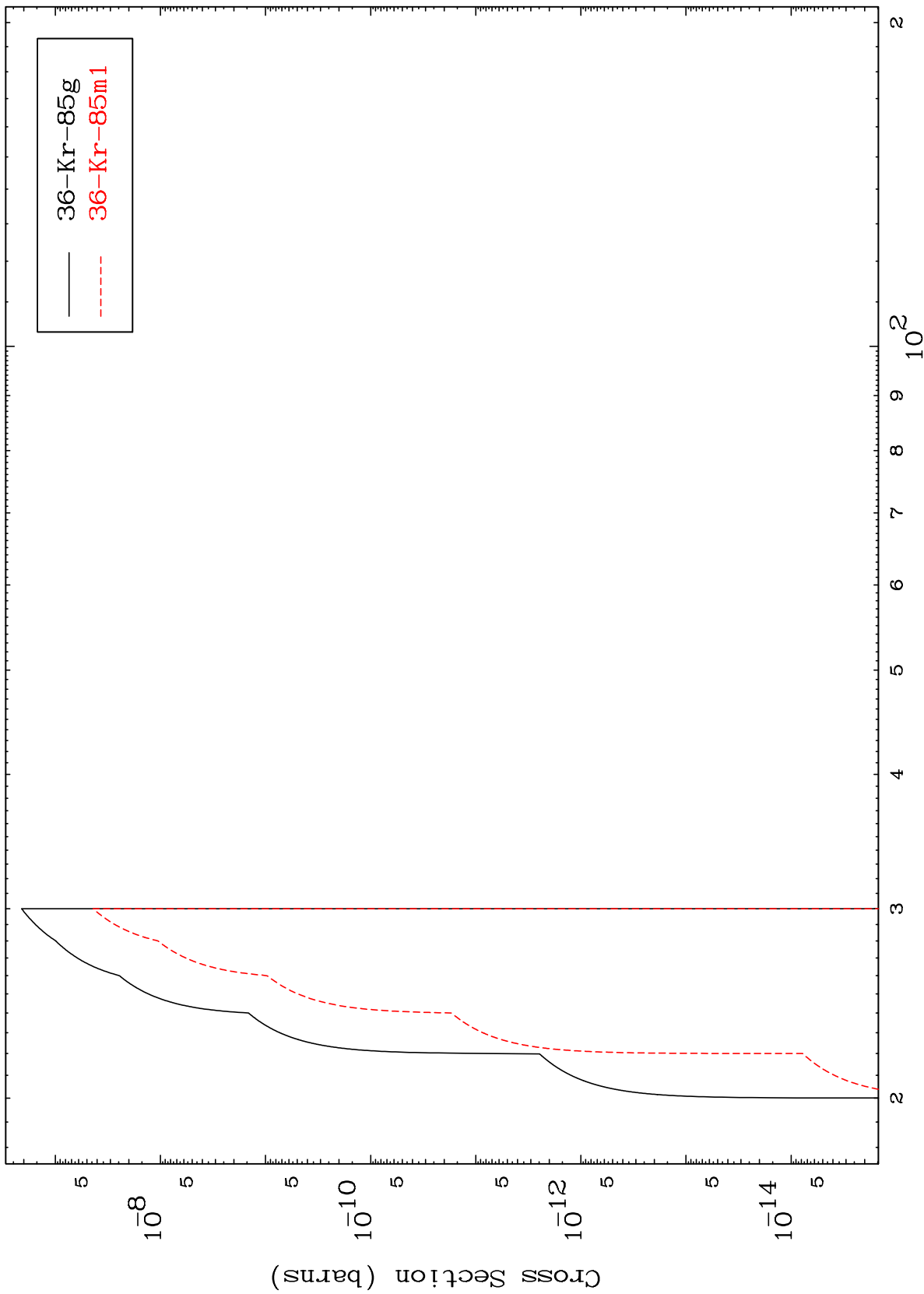


15

Incident Energy (MeV)

38-Sr-87

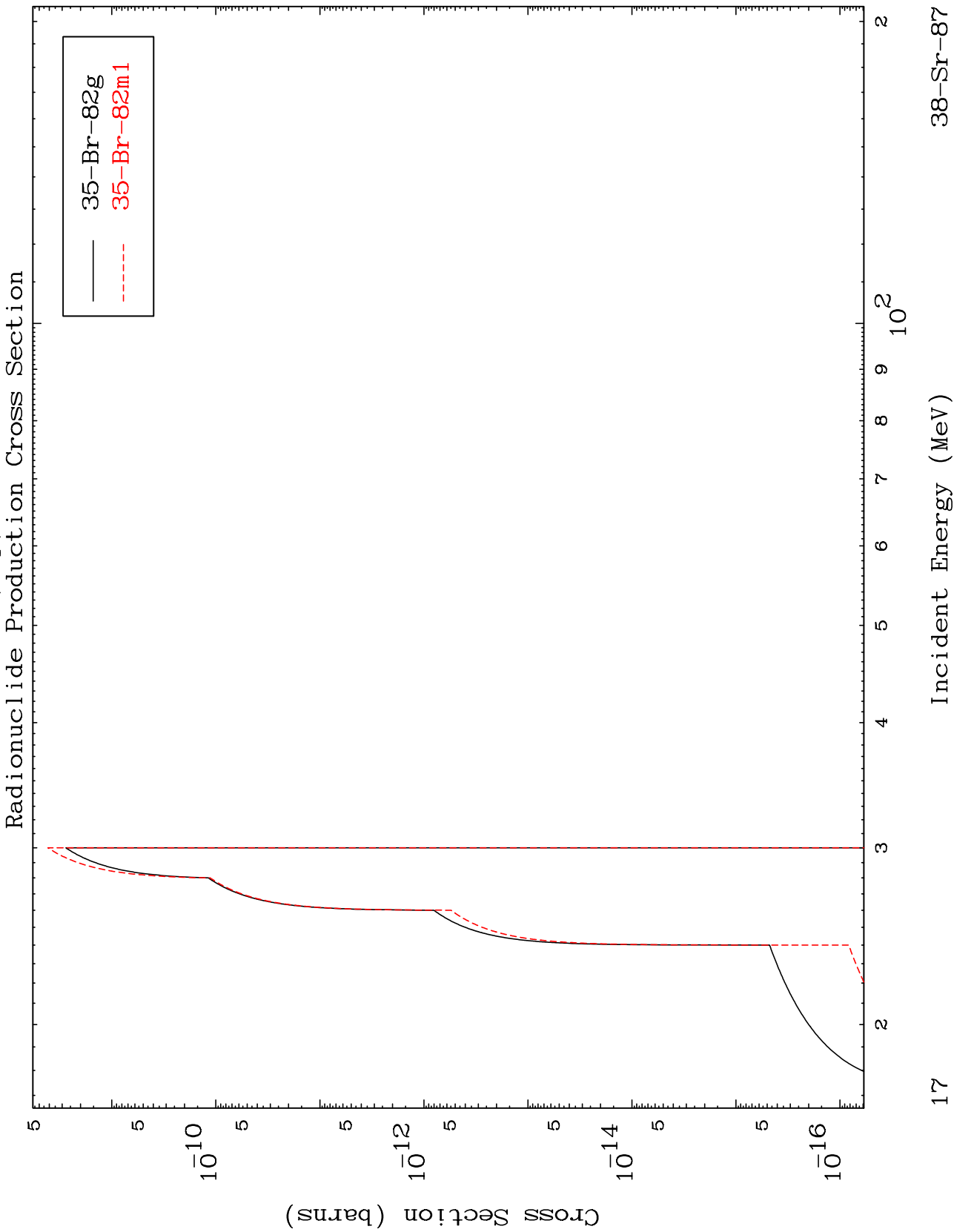
(n,2p)  
Radionuclide Production Cross Section



MAT 3834

(n,p)  $\alpha$

38-Sr-87



17

Incident Energy (MeV)

38-Sr-87