

Program EVALPLOT  
(Version 2018-1)

by

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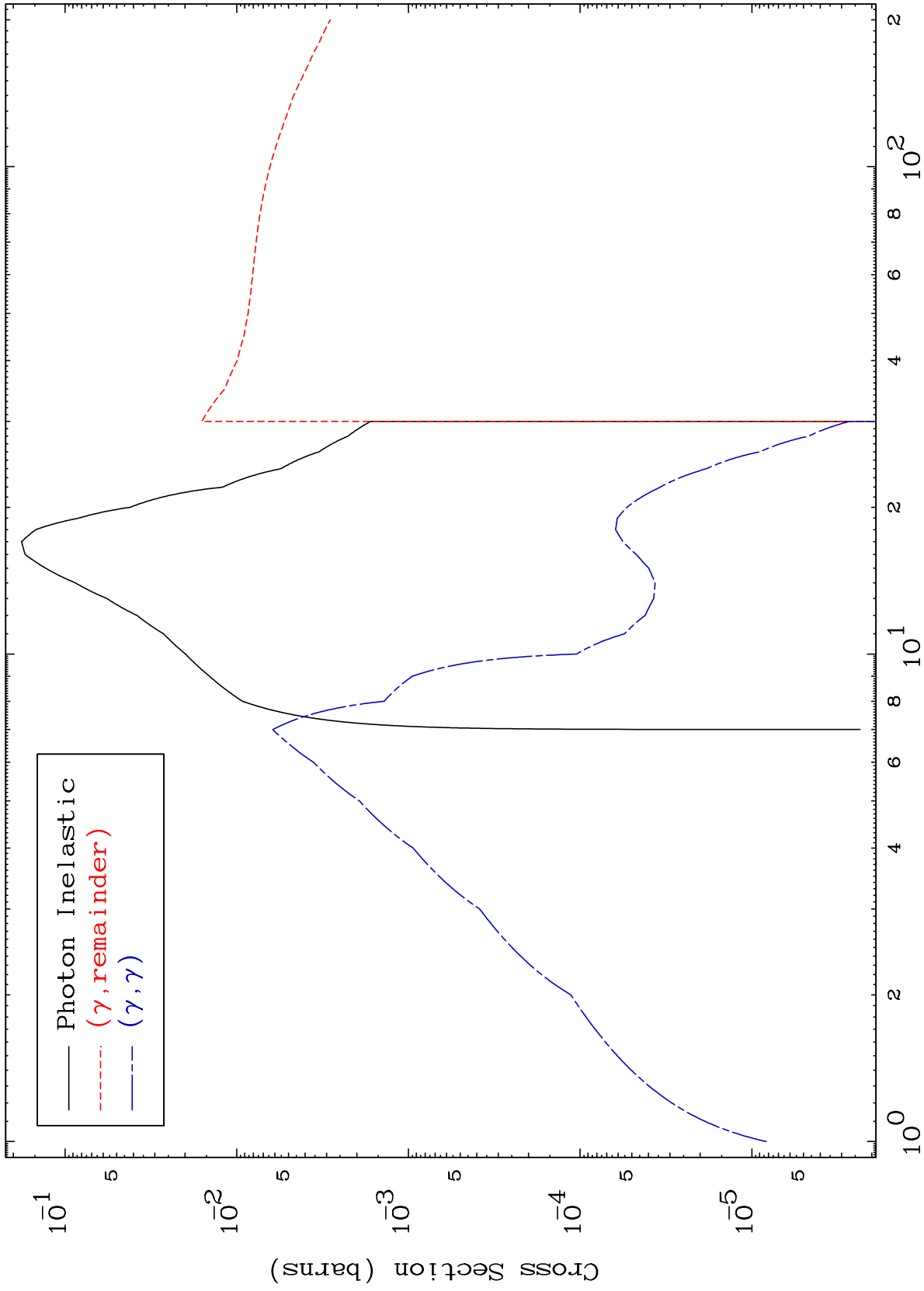
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3929

Photon Major  
0 Kelvin Cross Sections

39-Y -90



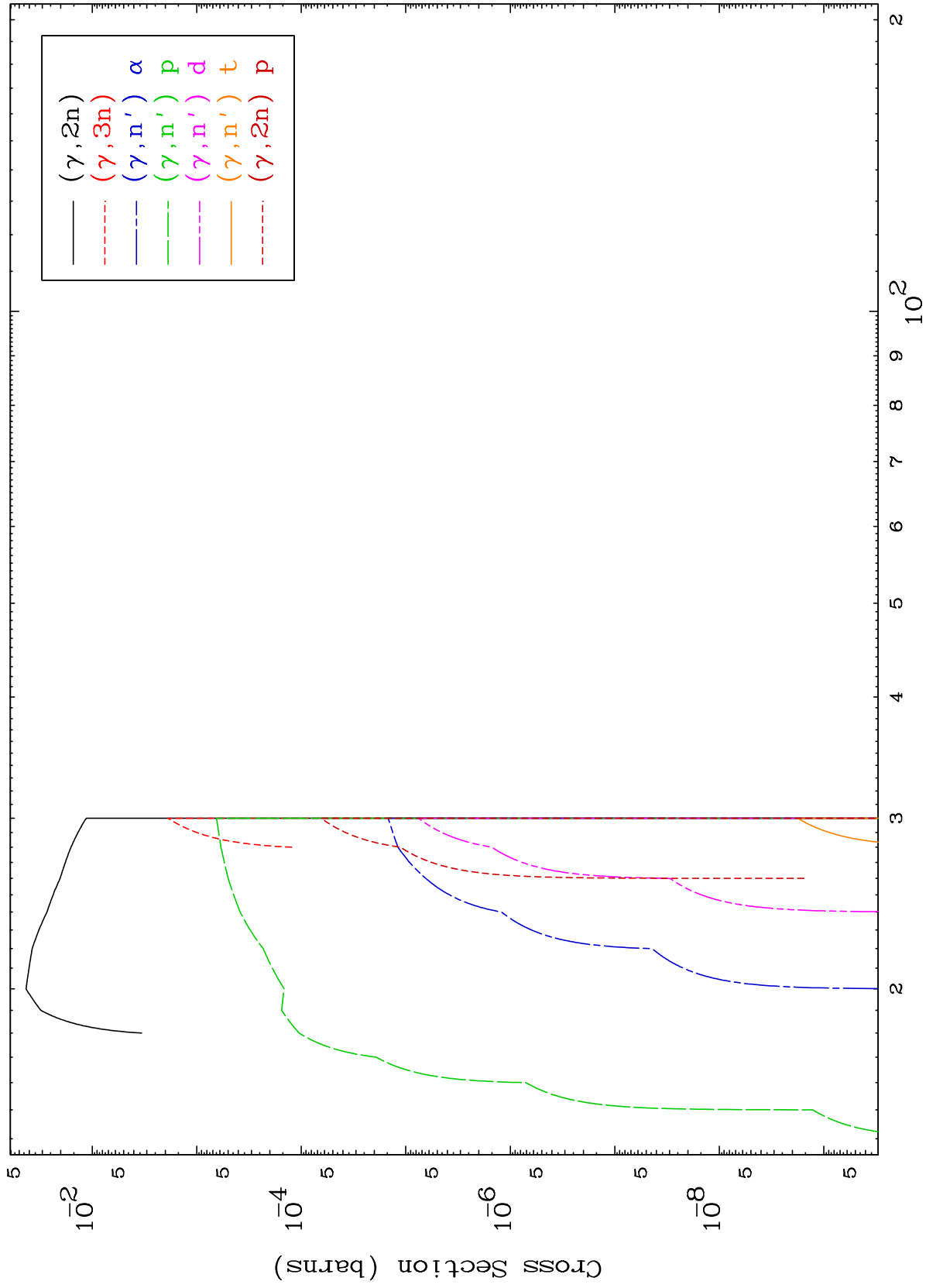
Incident Energy (MeV)

39-Y -90

MAT 3929

Photon Neutron Production  
0 Kelvin Cross Sections

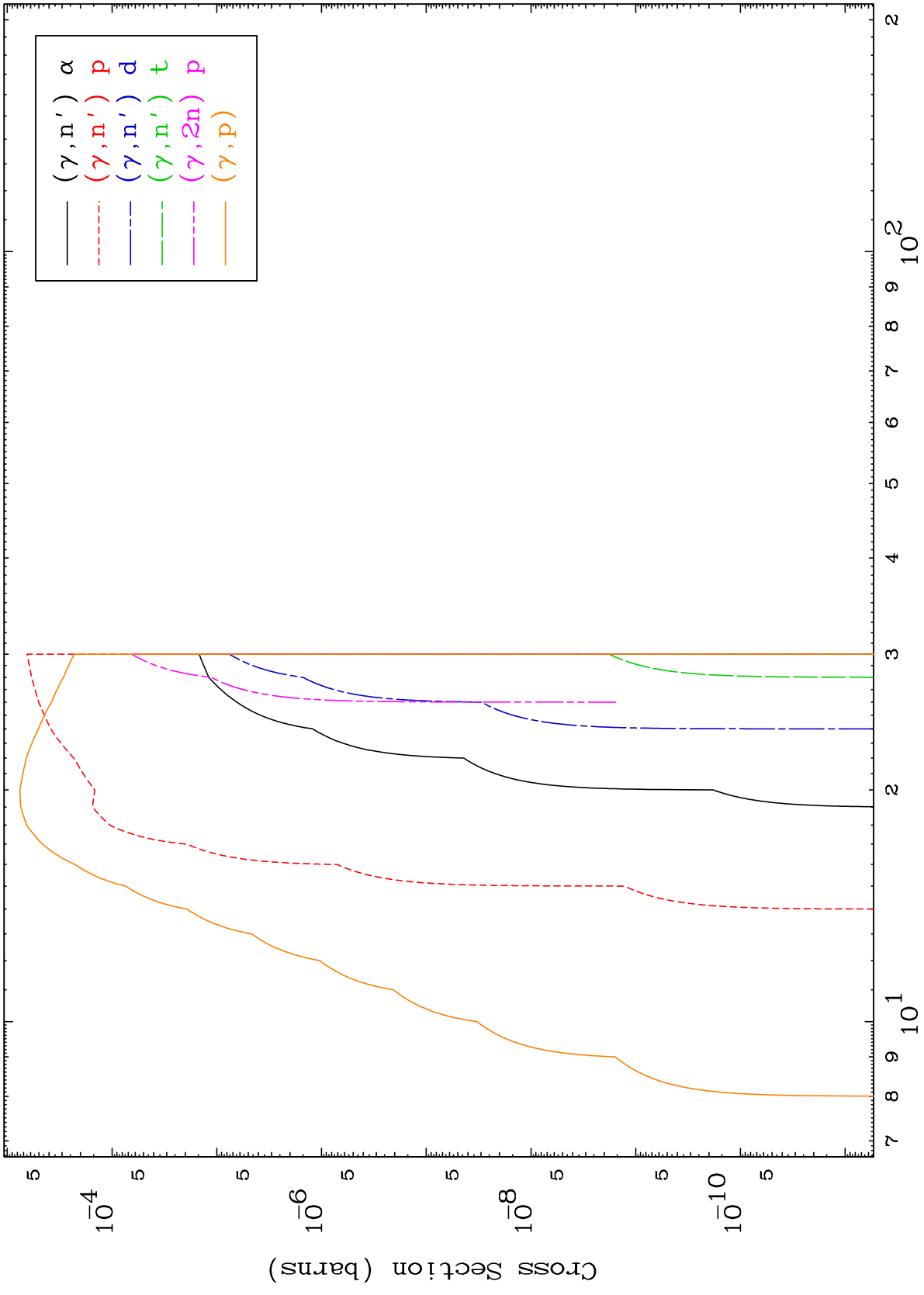
39-Y -90



2

Incident Energy (MeV)

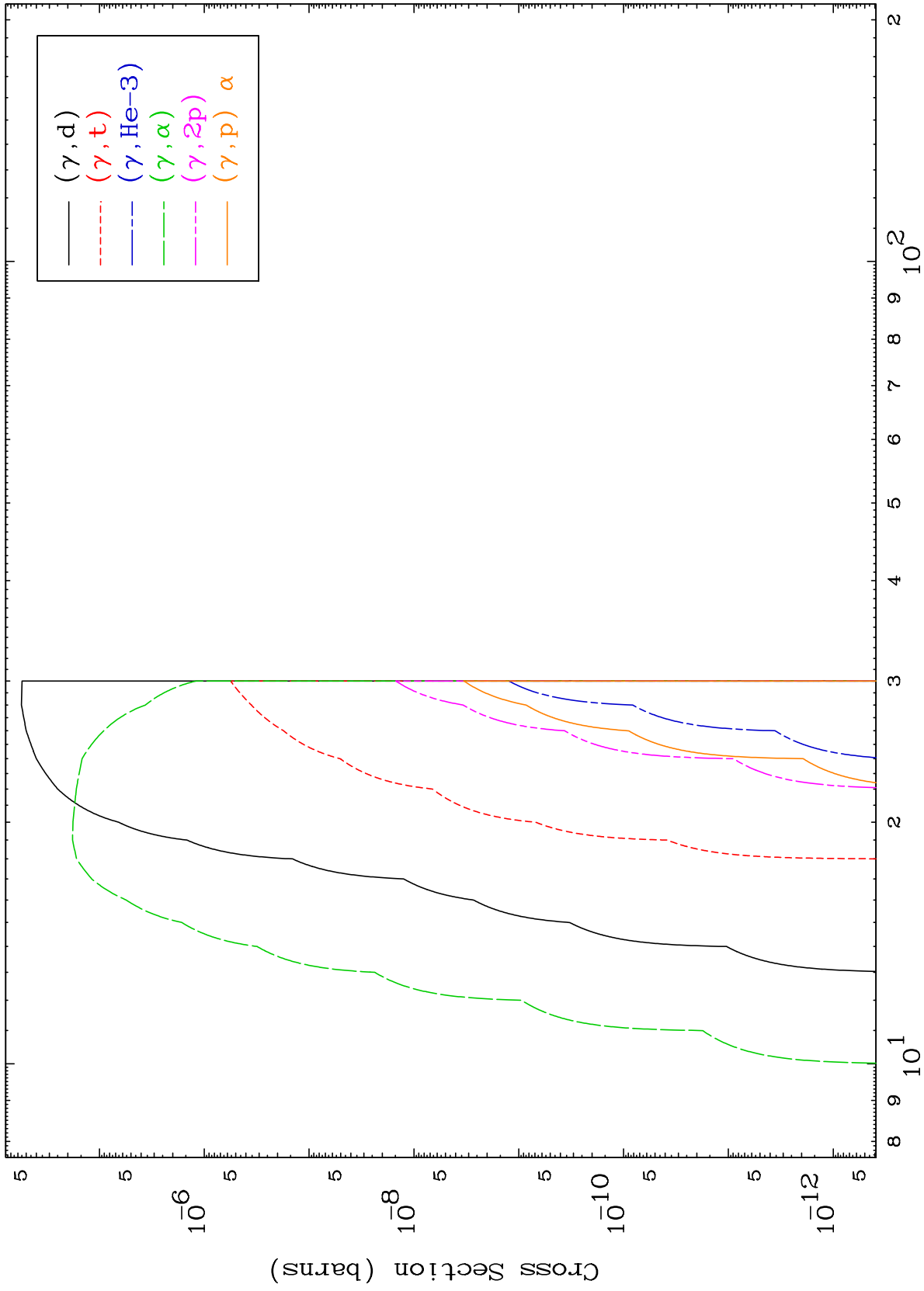
39-Y -90



MAT 3929

Photon Charged Particle  
0 Kelvin Cross Sections

39-Y -90



4

Incident Energy (MeV)

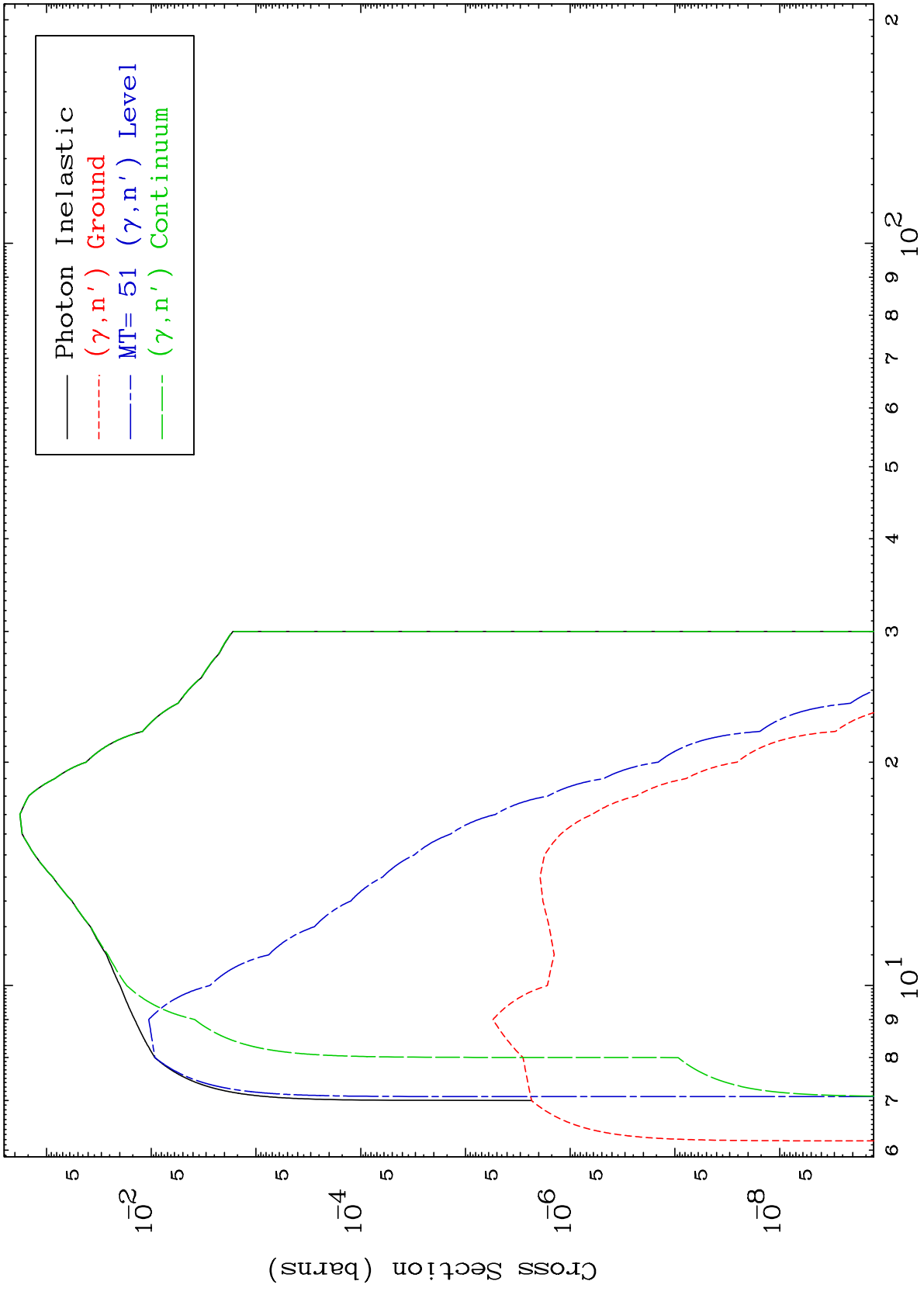
39-Y -90

MAT 3929

( $\gamma, n'$ ) Level

39-Y -90

0 Kelvin Cross Sections



5

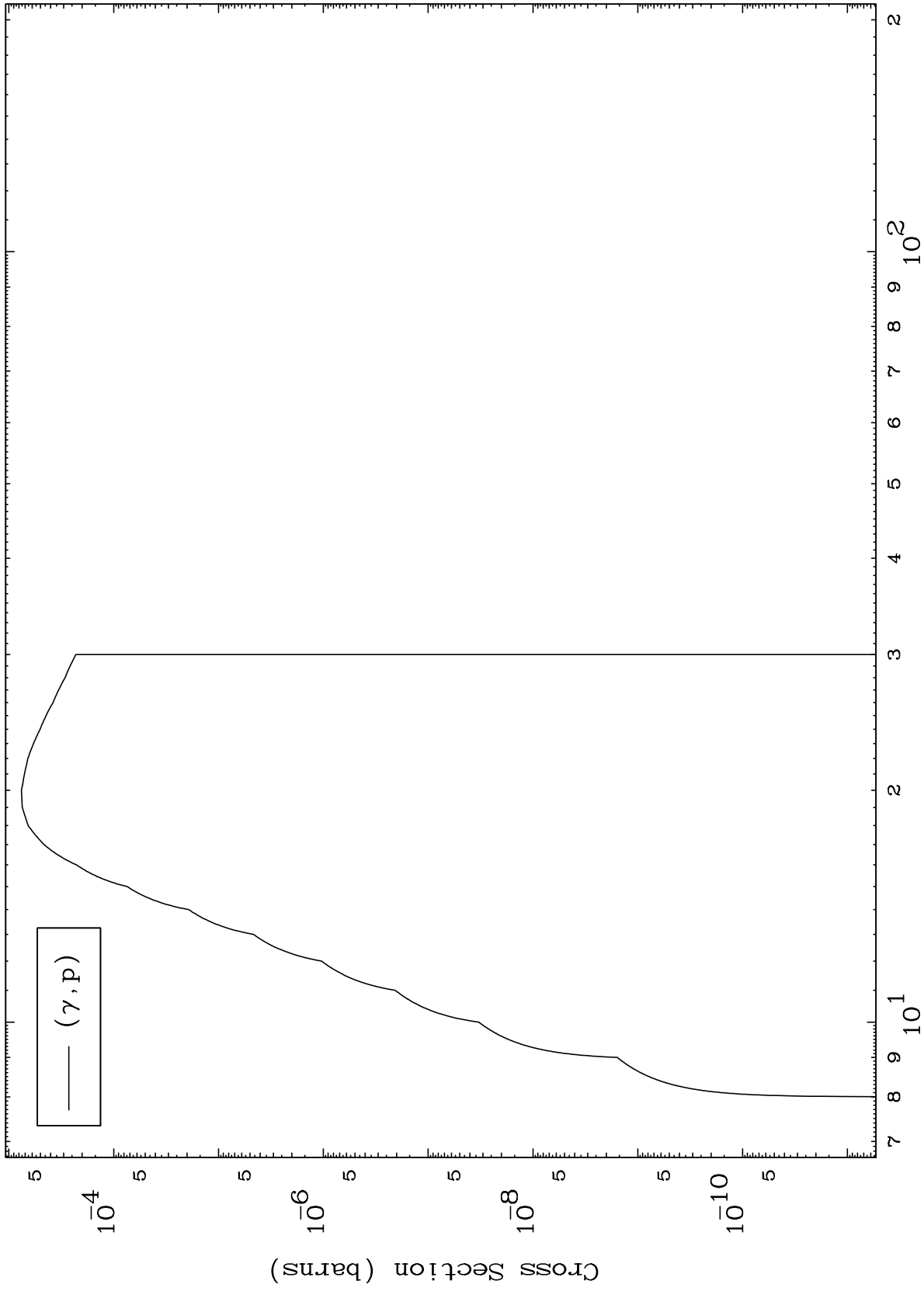
Incident Energy (MeV)

39-Y -90

MAT 3929

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

39-Y -90

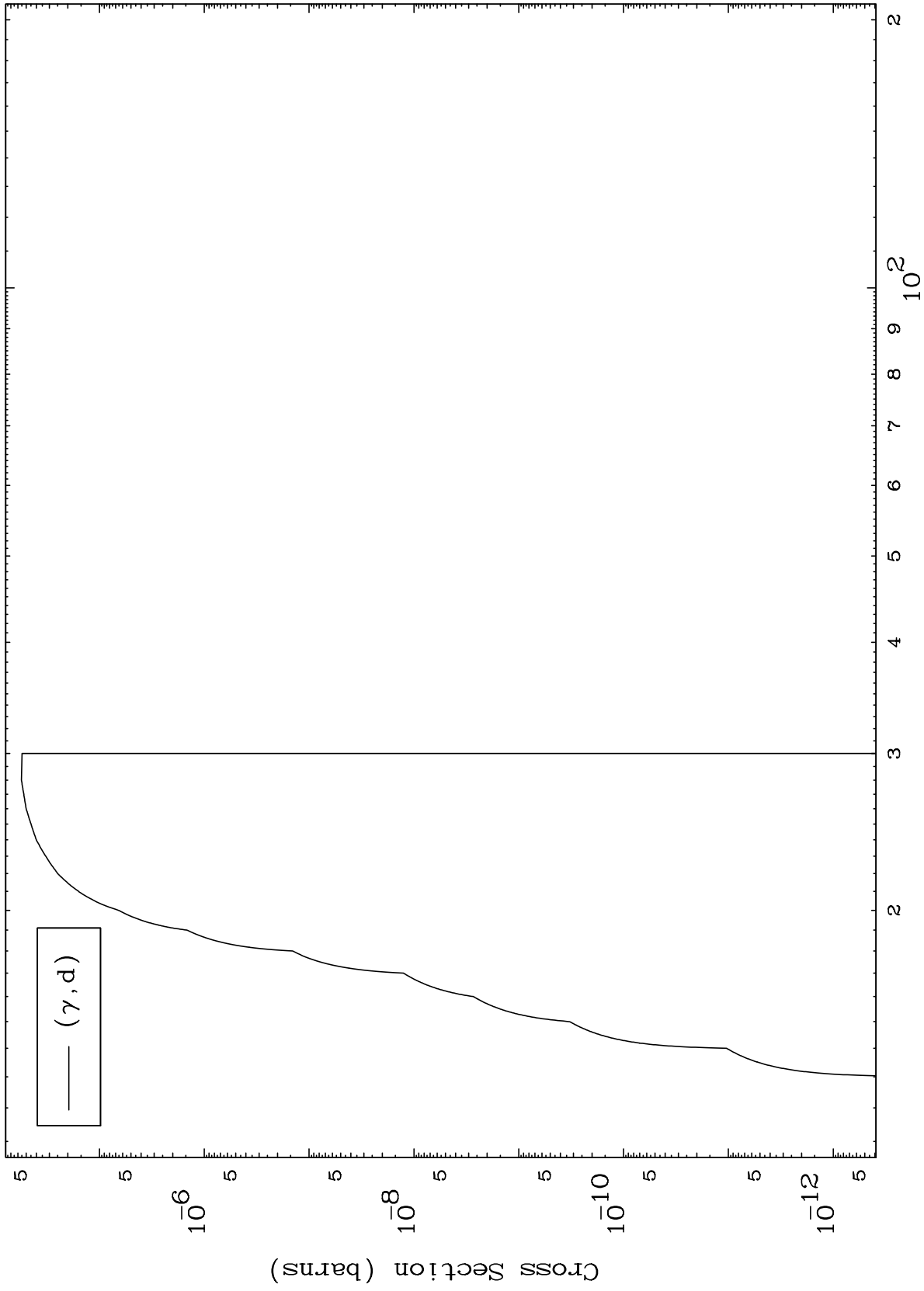


39-Y -90

MAT 3929

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

39-Y -90



7

Incident Energy (MeV)

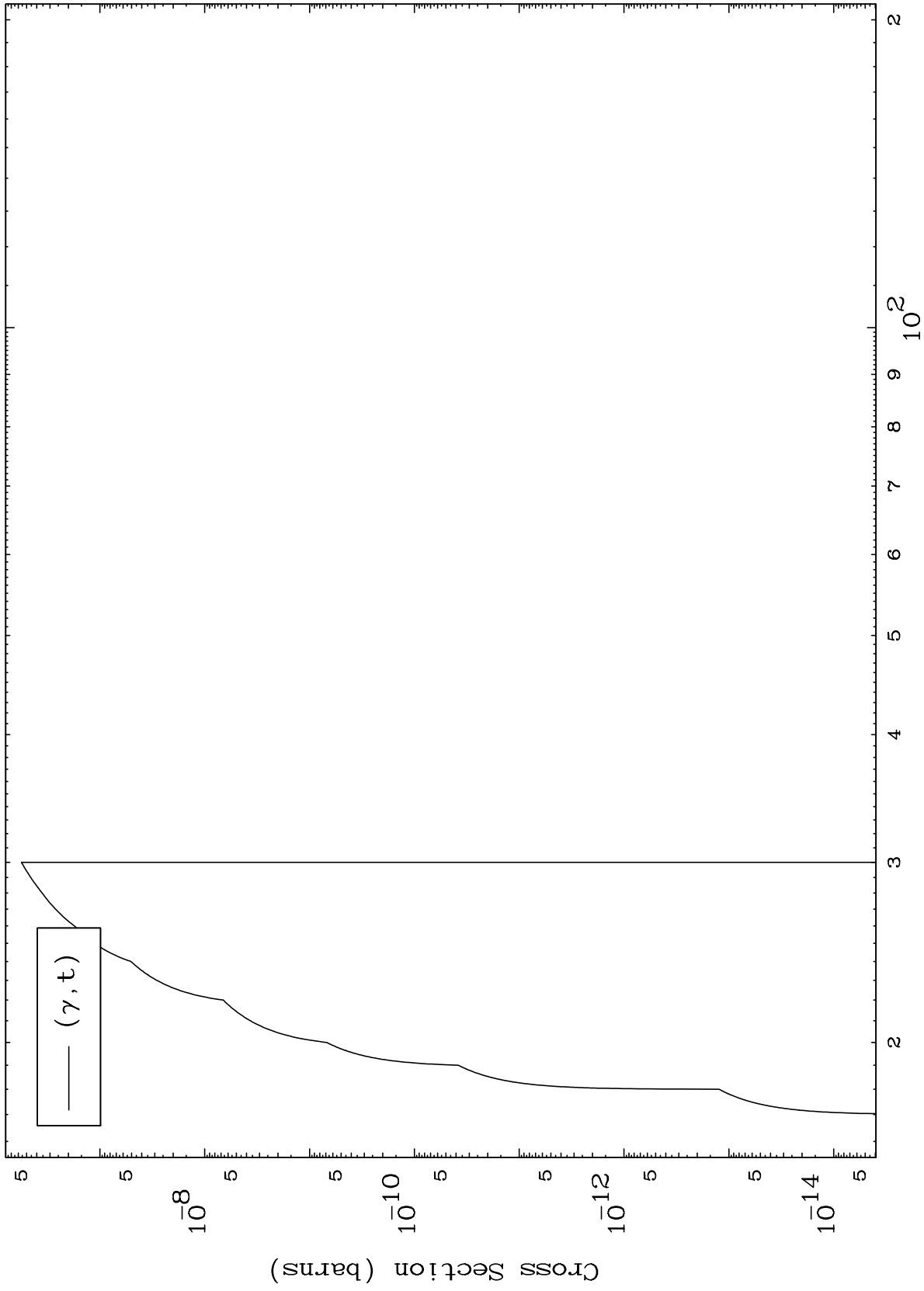
39-Y -90



MAT 3929

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

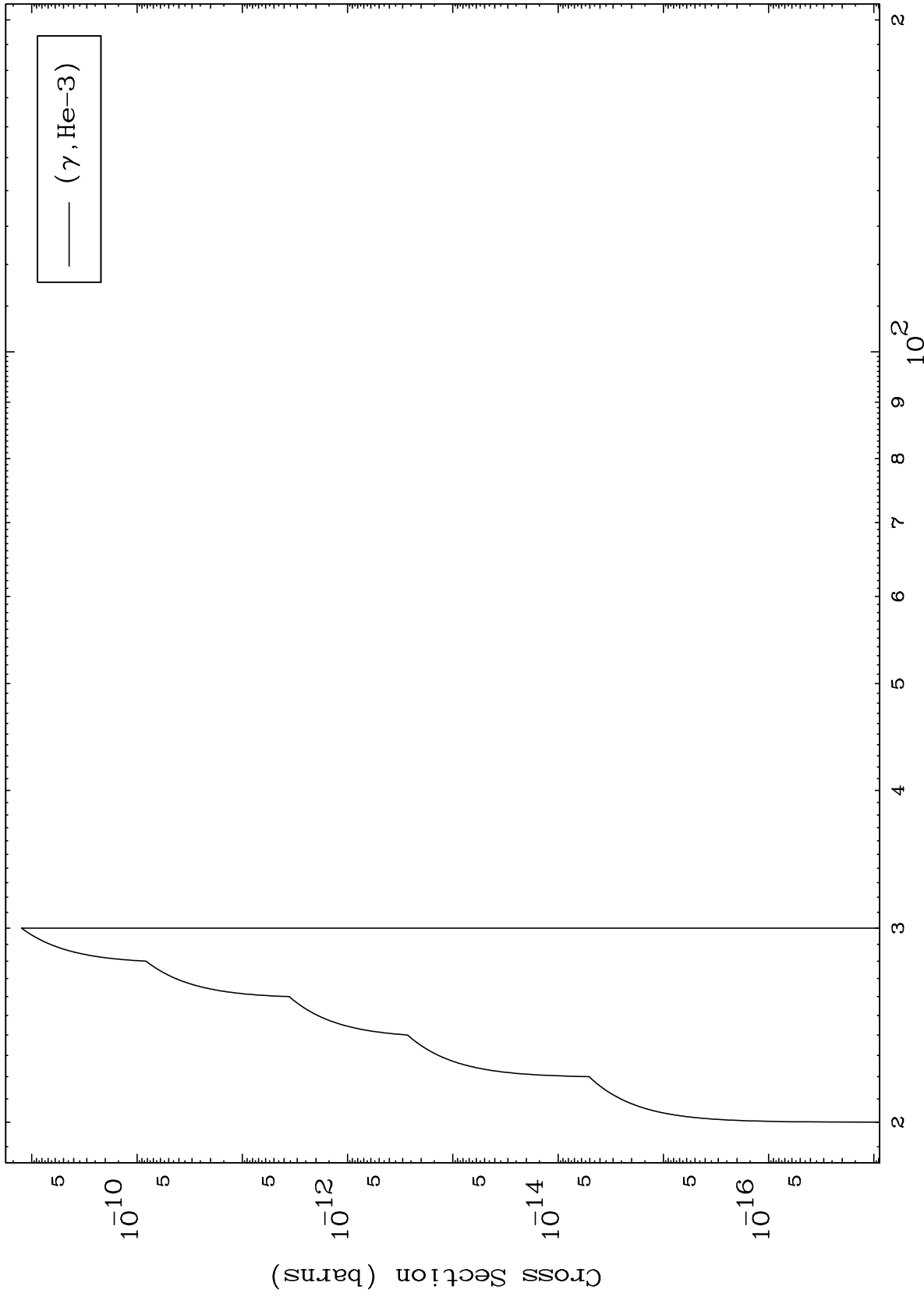
39-Y -90



8

Incident Energy (MeV)

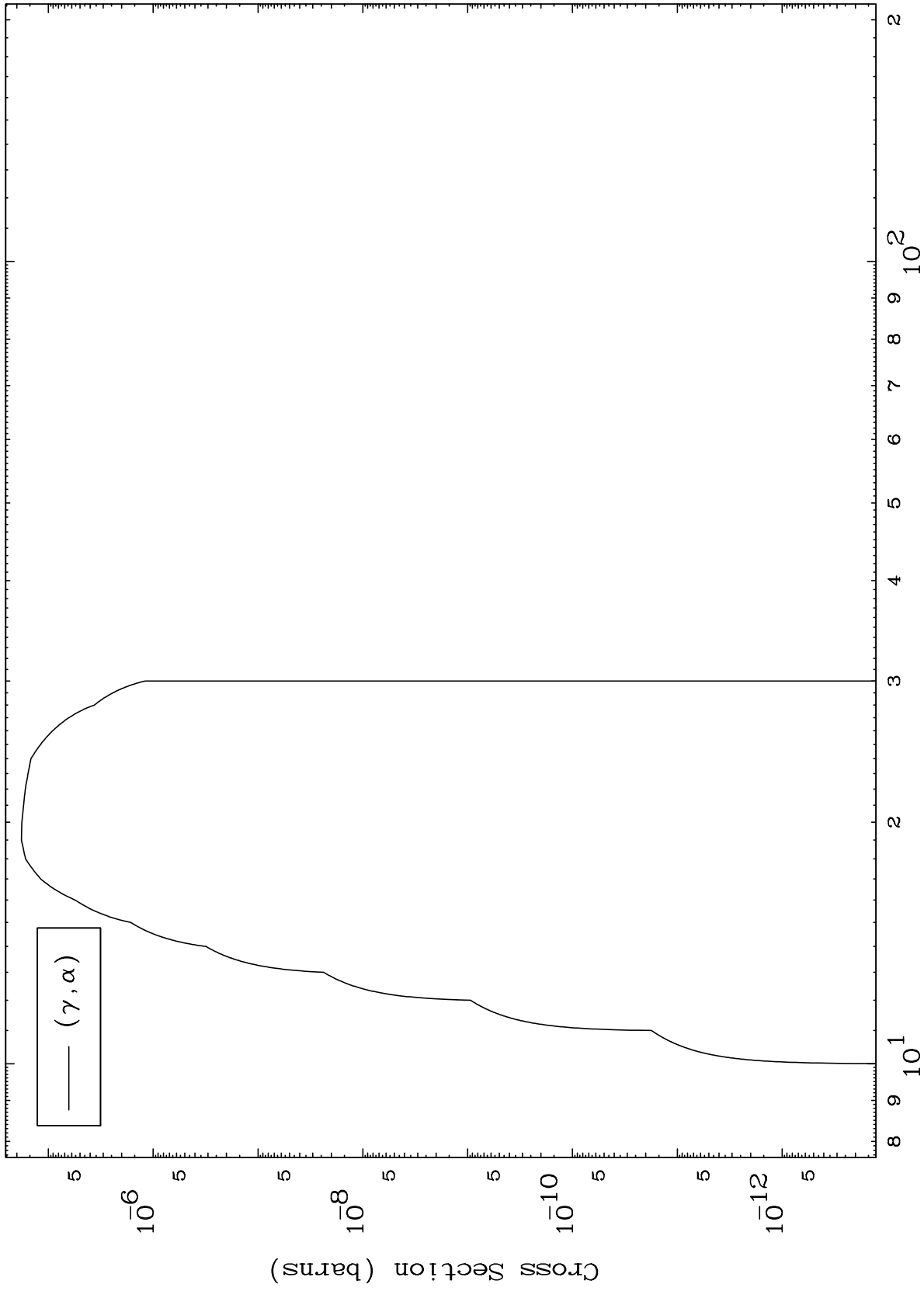
39-Y -90



MAT 3929

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

39-Y -90



10

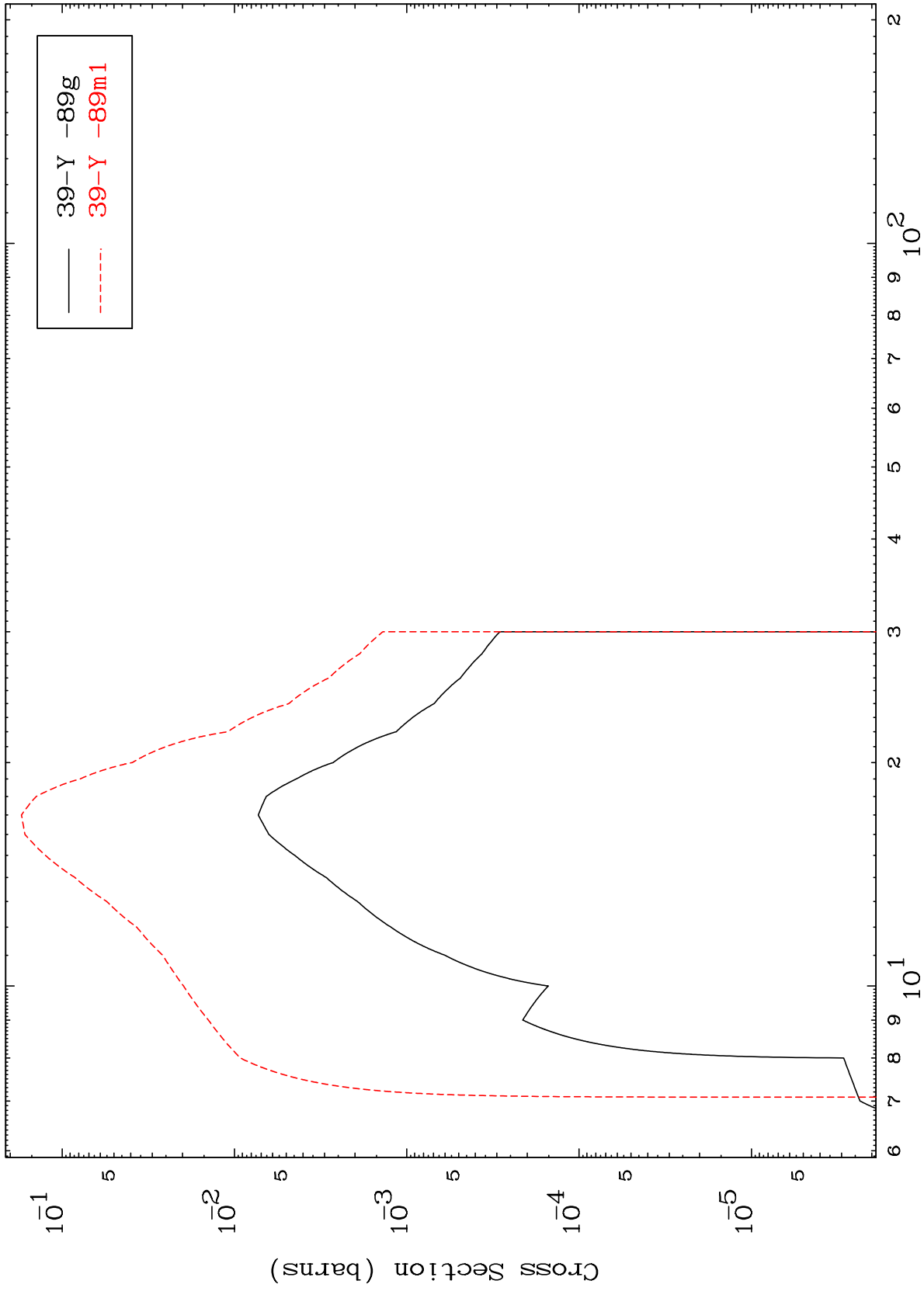
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

Photon Inelastic  
Radionuclide Production Cross Section



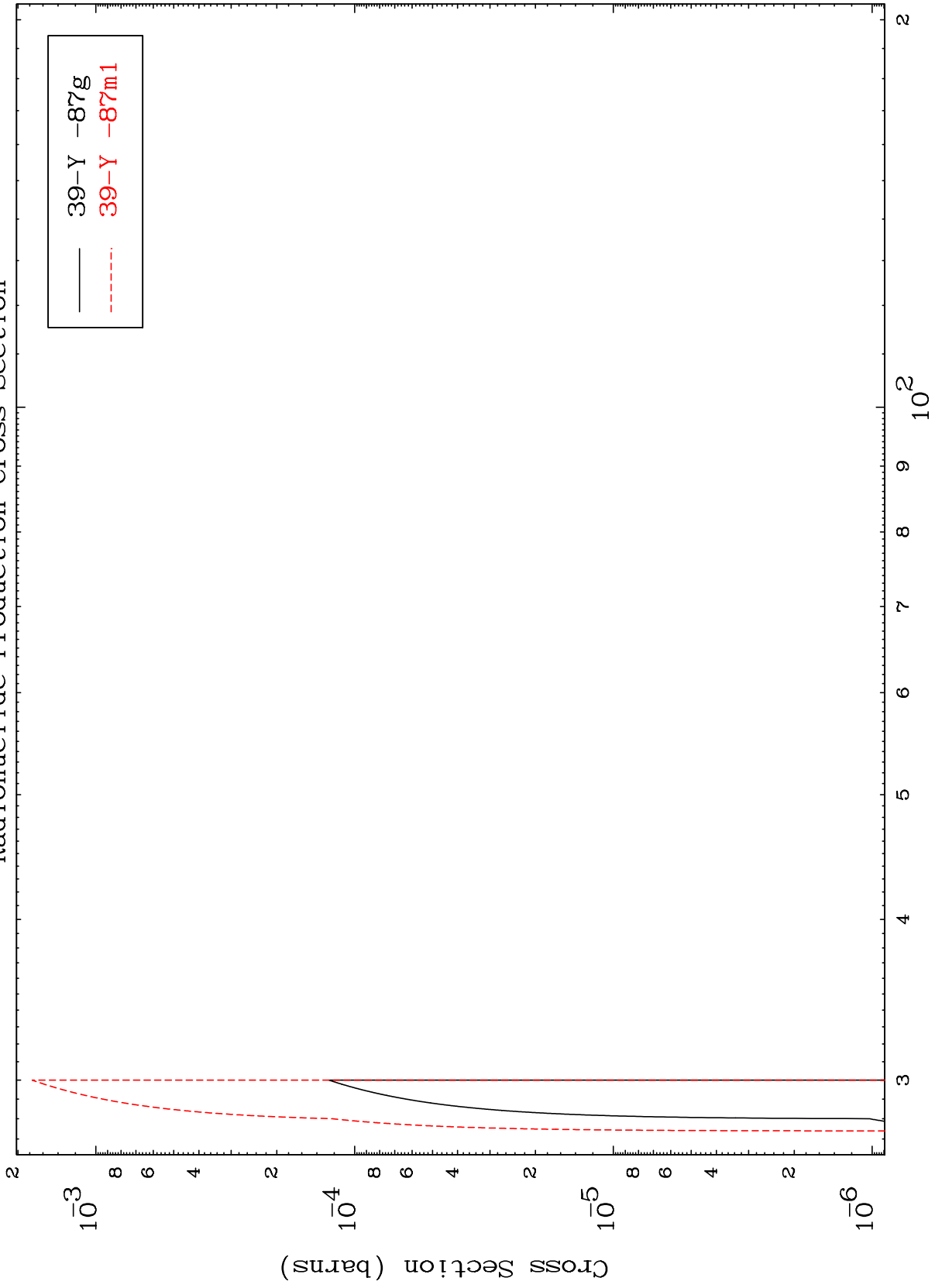
11

39-Y -90

MAT 3929

39-Y -90

Radionuclide Production Cross Section  
( $\gamma, 3n$ )



39-Y -87g  
39-Y -87m1

12

39-Y -90

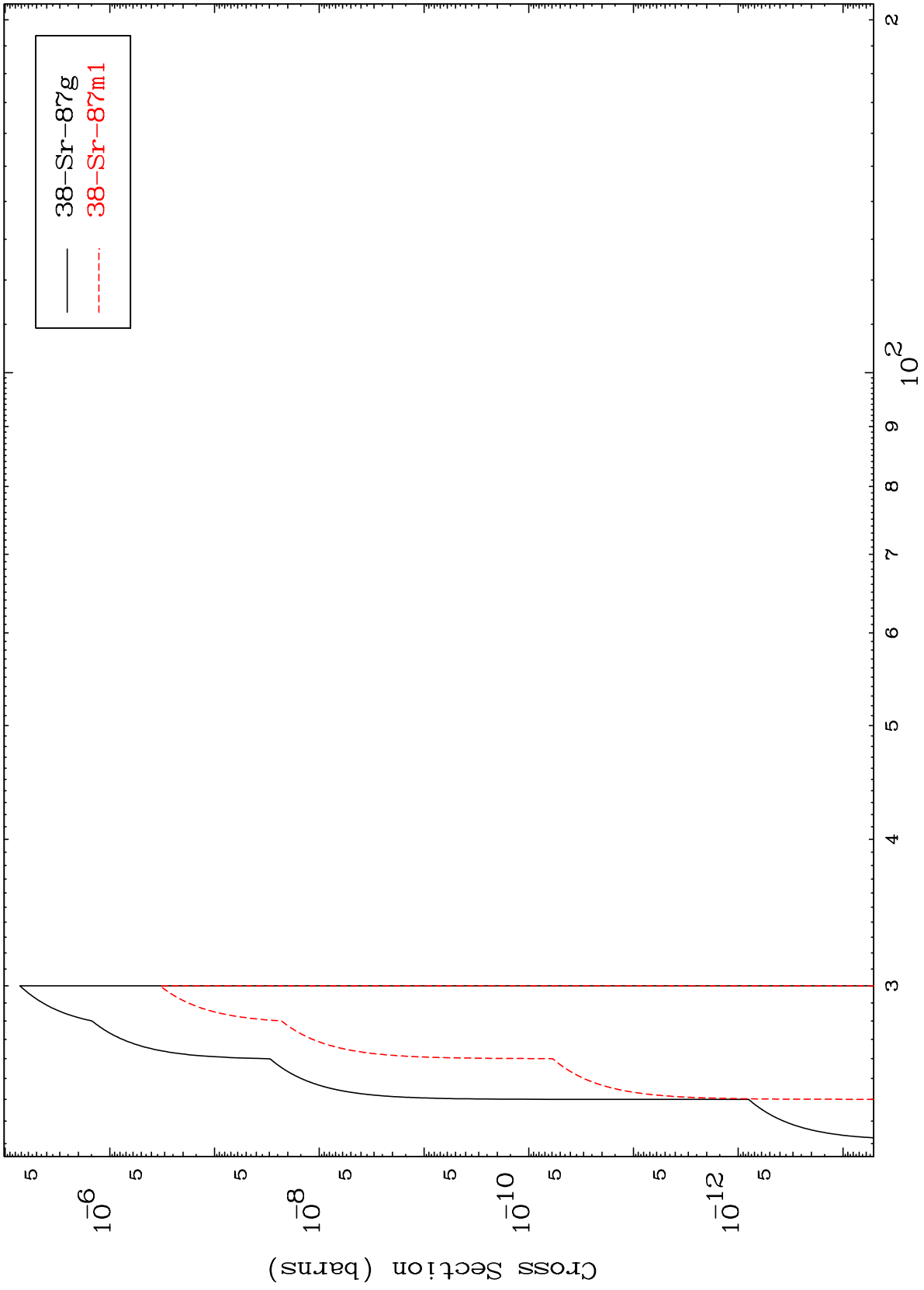
Incident Energy (MeV)

MAT 3929

( $\gamma, n'$ ) d

39-Y -90

Radionuclide Production Cross Section



13

Incident Energy (MeV)

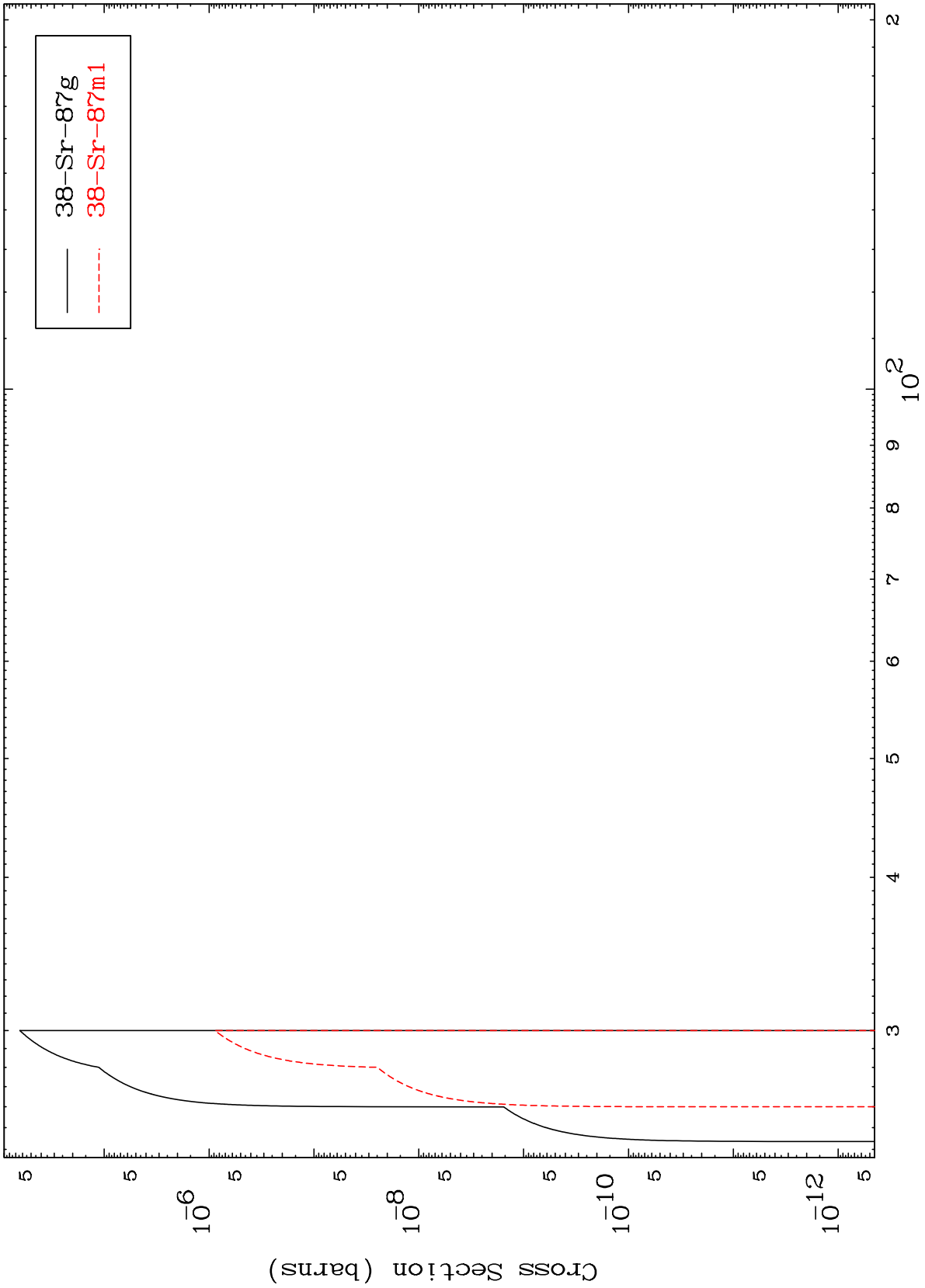
39-Y -90

MAT 3929

( $\gamma, 2n$ ) p

39-Y -90

Radionuclide Production Cross Section



14

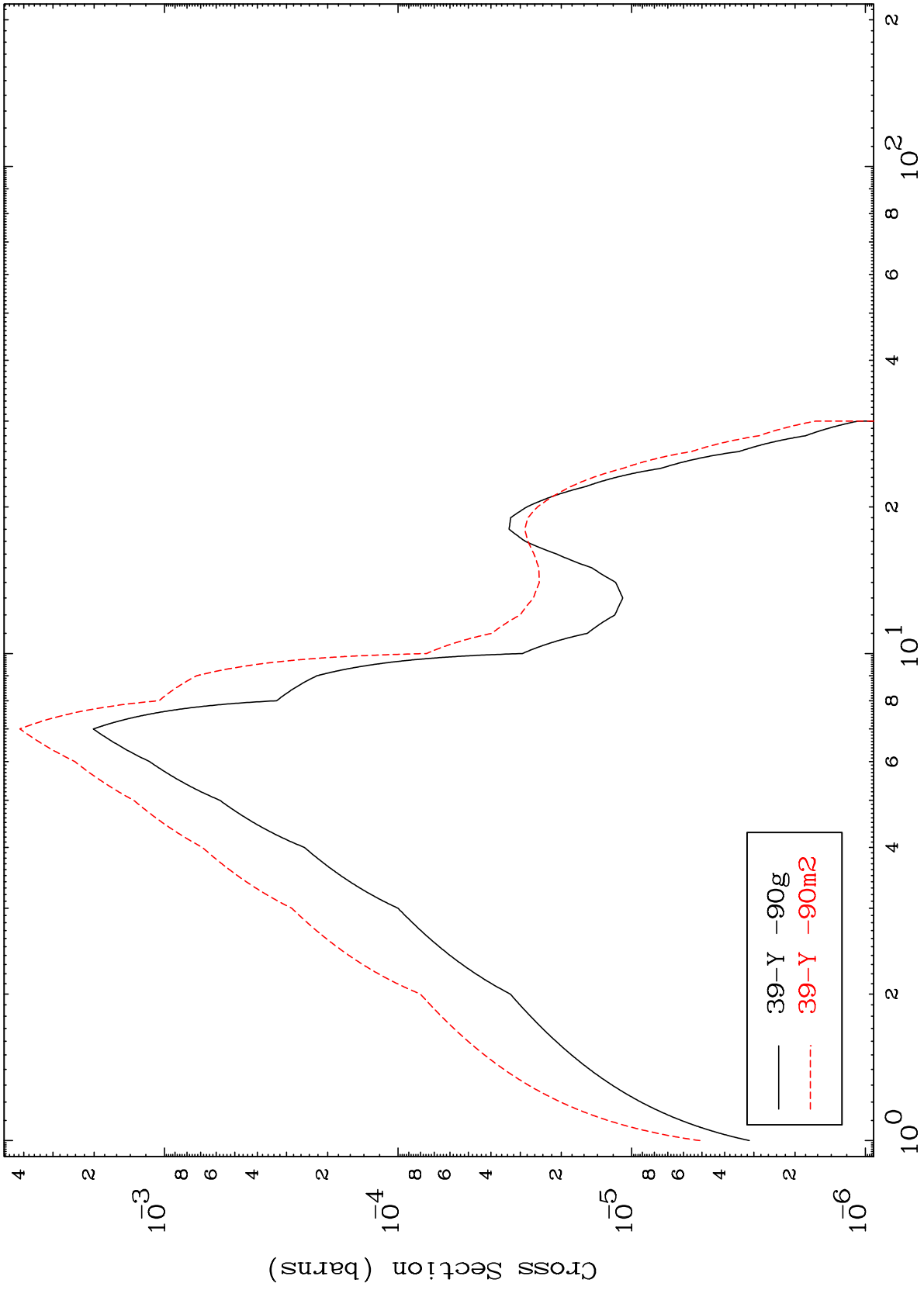
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

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



39-Y -90

Incident Energy (MeV)

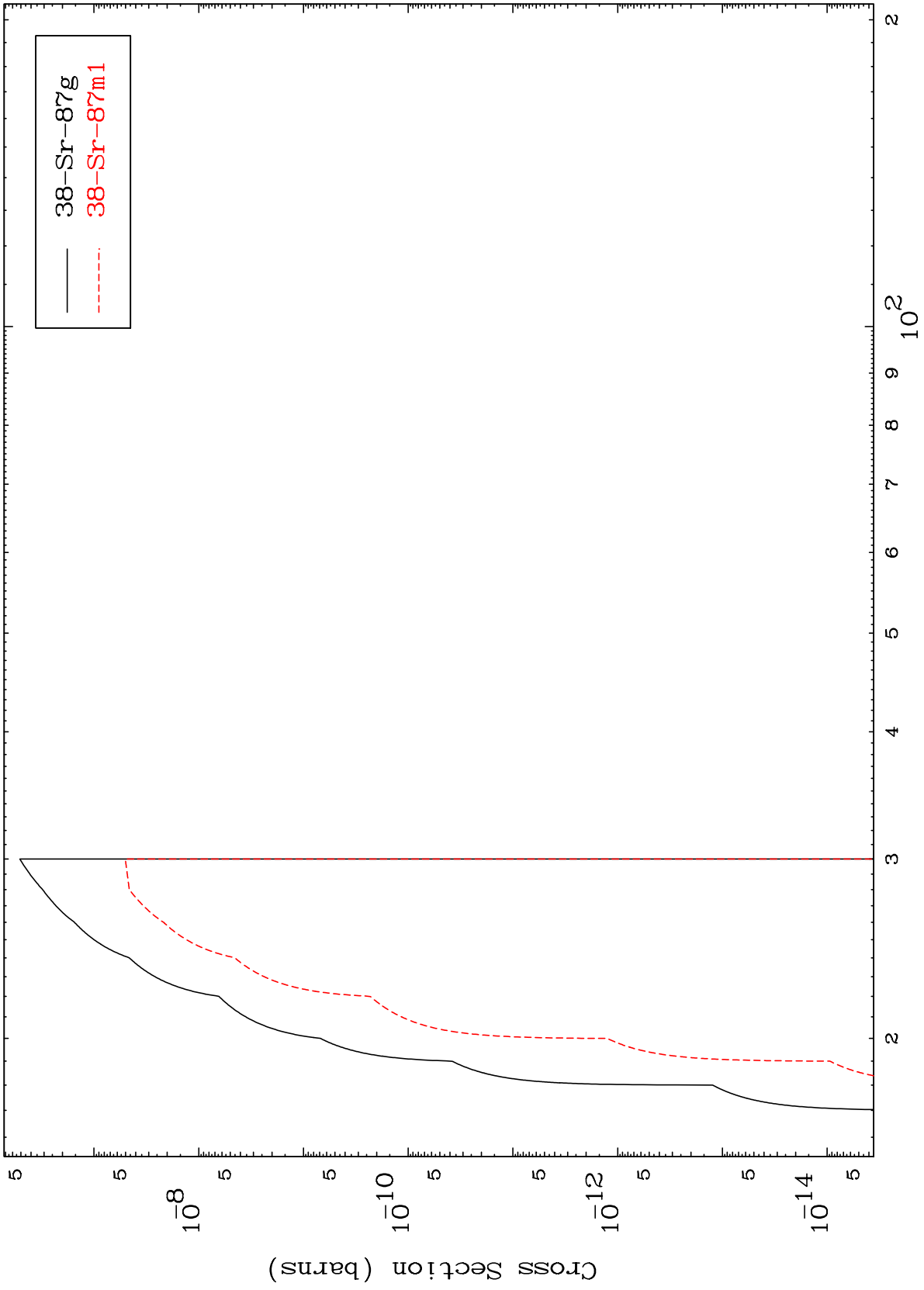
— 39-Y -90g  
- - - 39-Y -90m2



MAT 3929

39-Y -90

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



16

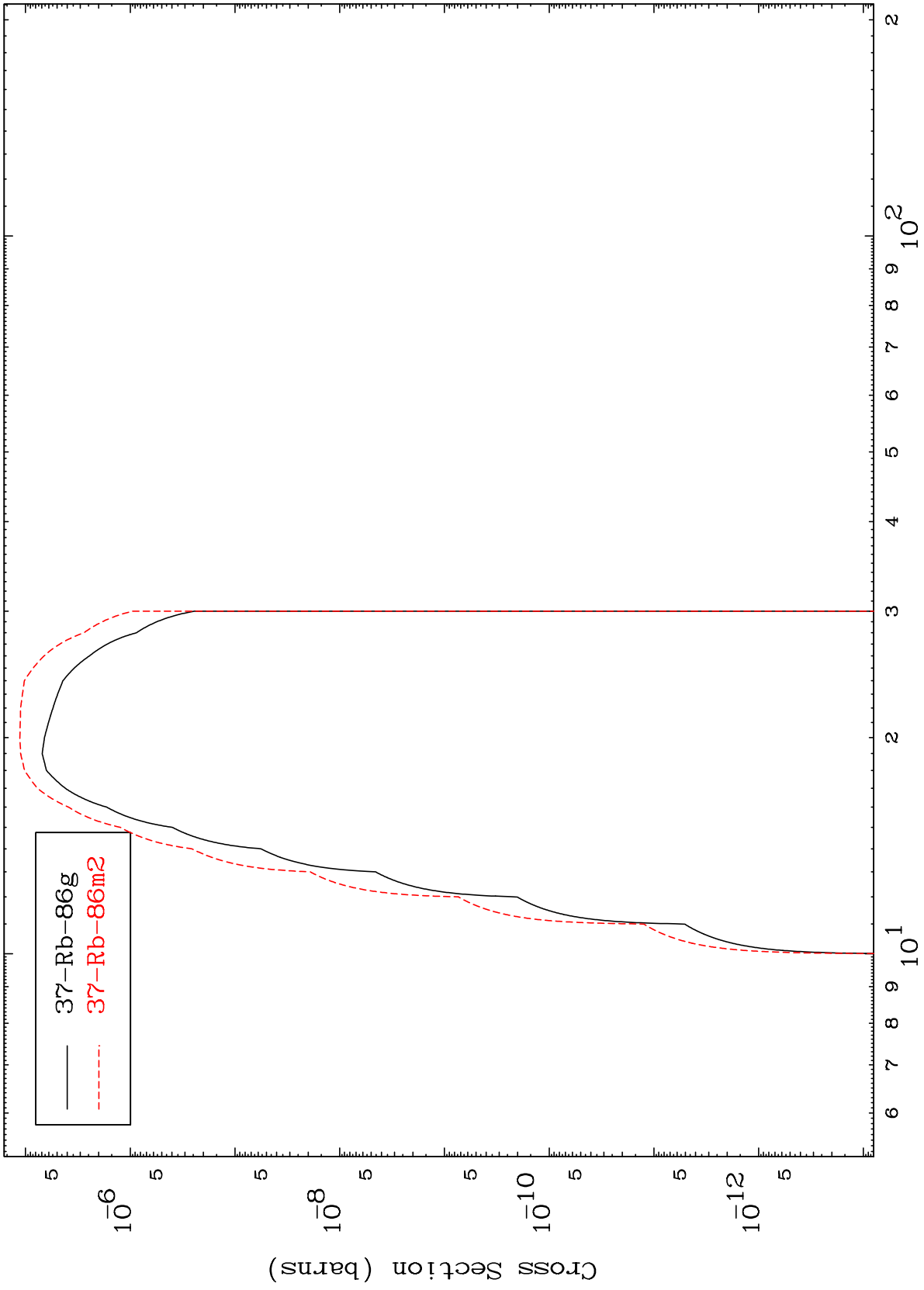
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

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



17

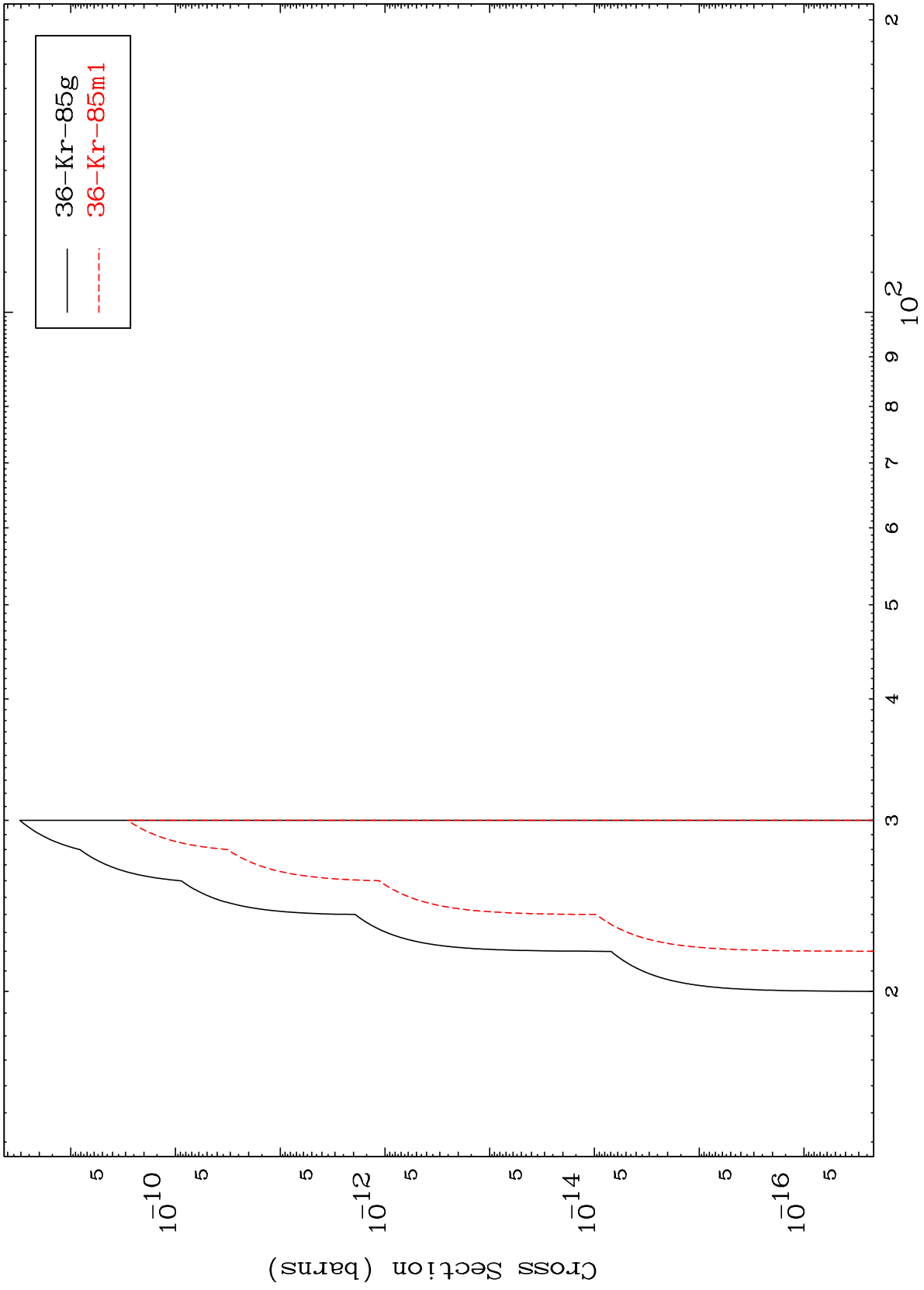
39-Y -90

MAT 3929

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

39-Y -90

Radionuclide Production Cross Section



18

Incident Energy (MeV)

39-Y -90