

Program EVALPLOT  
(Version 2018-1)

by

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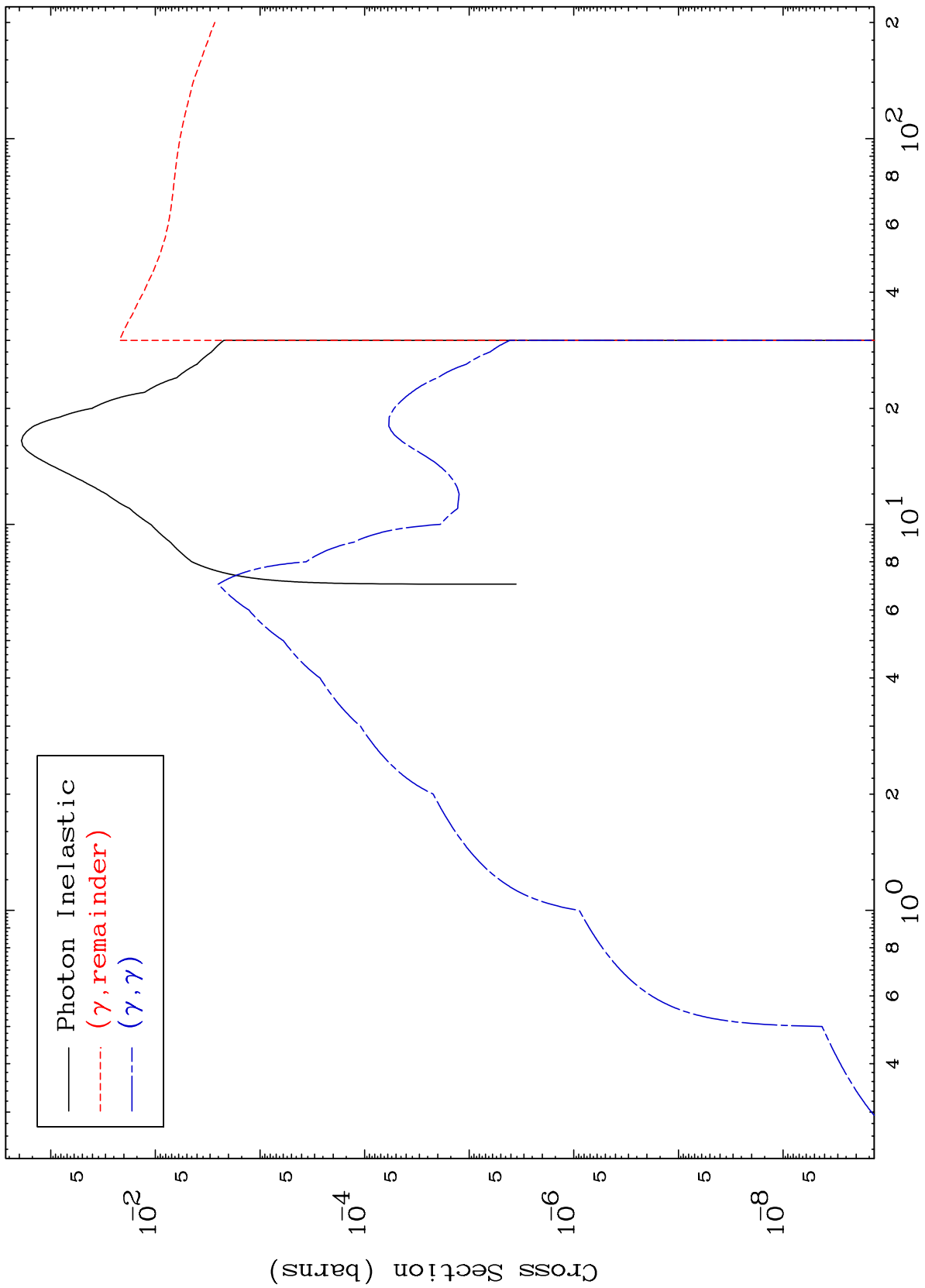
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3929

Photon Major  
0 Kelvin Cross Sections

39-Y -90



— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- . -  $(\gamma, \gamma)$

1

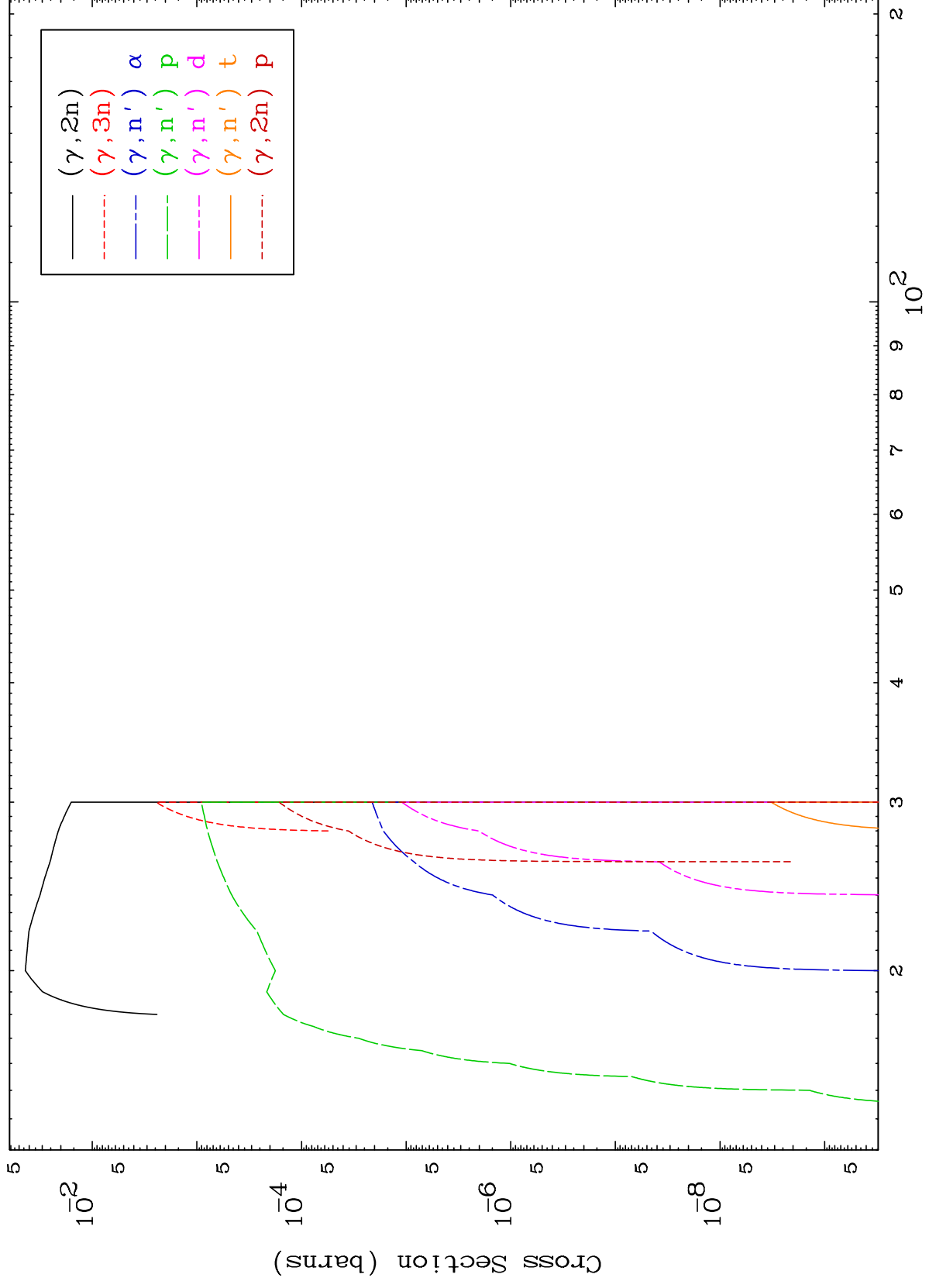
Incident Energy (MeV)

39-Y -90

MAT 3929

Photon Neutron Production  
0 Kelvin Cross Sections

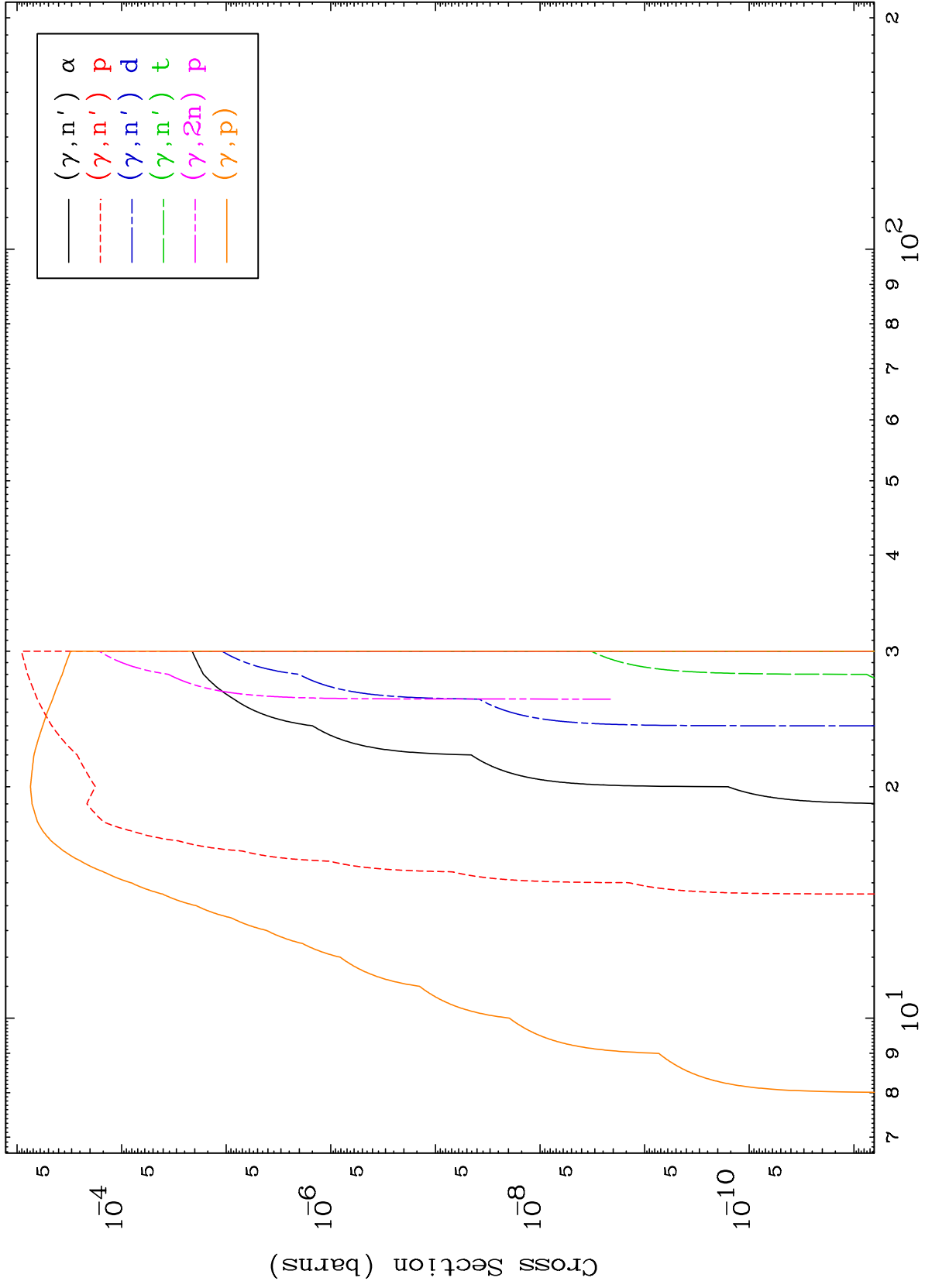
39-Y -90



2

Incident Energy (MeV)

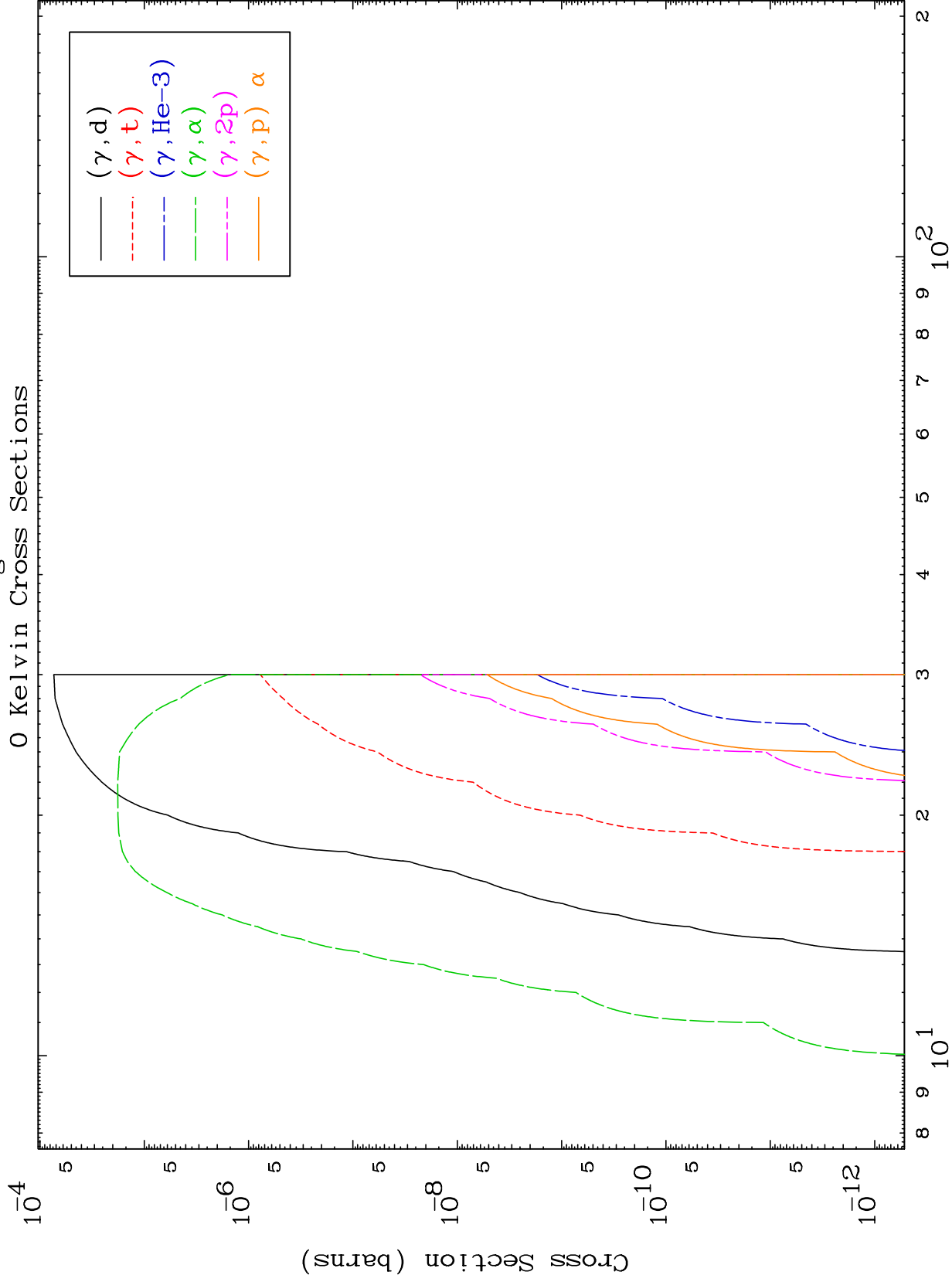
39-Y -90



MAT 3929

Photon Charged Particle  
0 Kelvin Cross Sections

39-Y -90



4

Incident Energy (MeV)

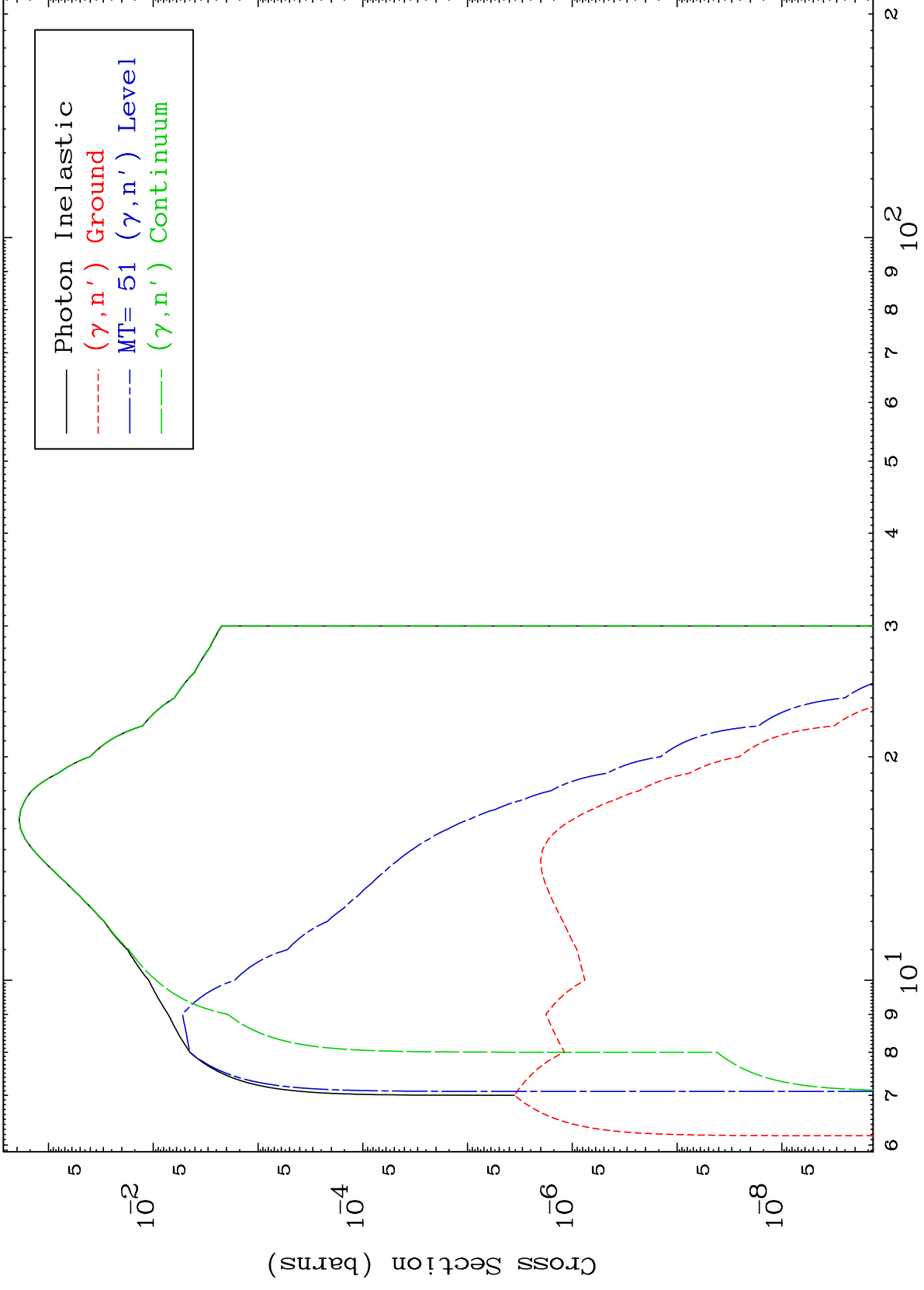
39-Y -90

MAT 3929

( $\gamma, n'$ ) Level

39-Y -90

0 Kelvin Cross Sections



Incident Energy (MeV)

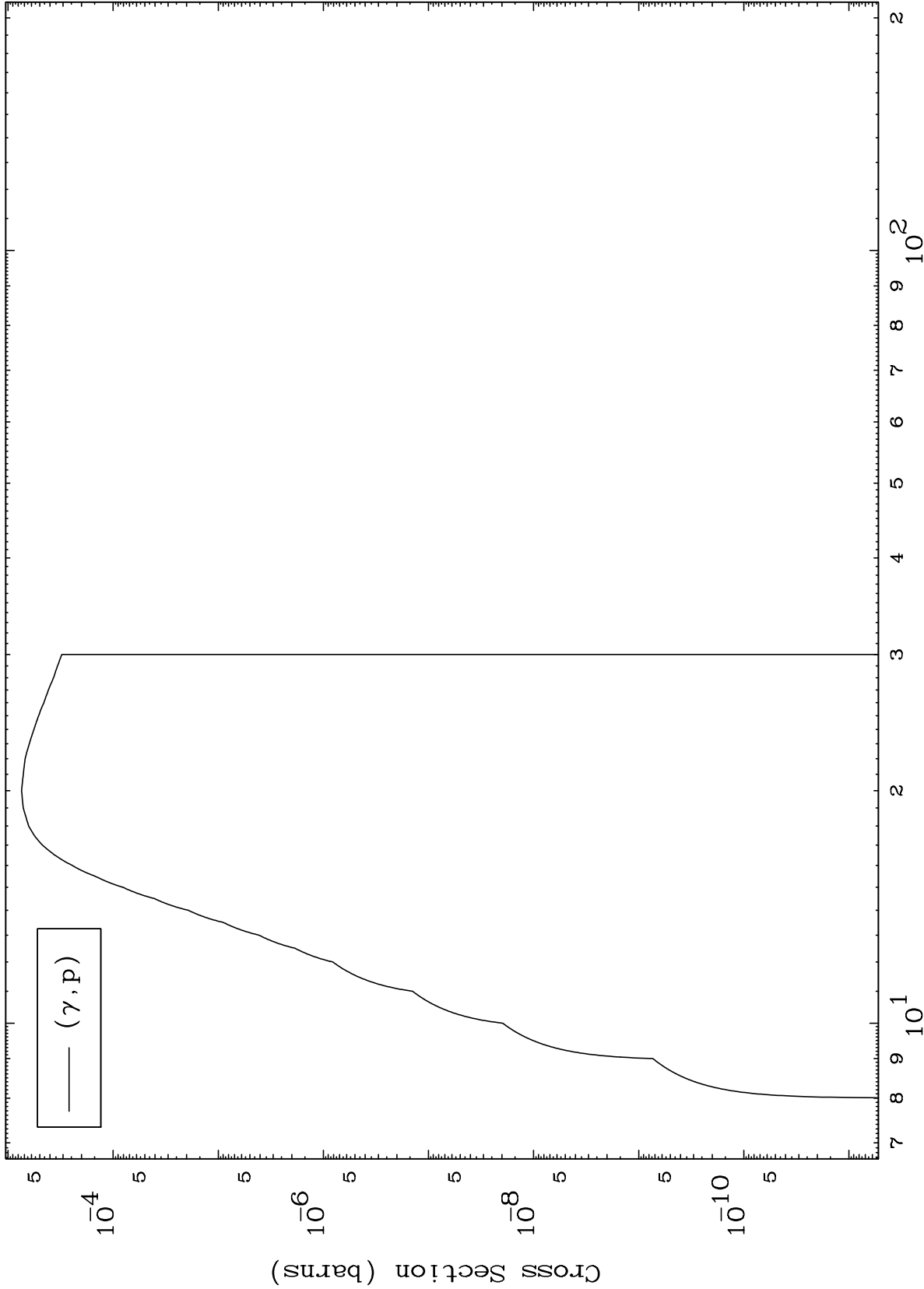
39-Y -90

5

MAT 3929

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

39-Y -90



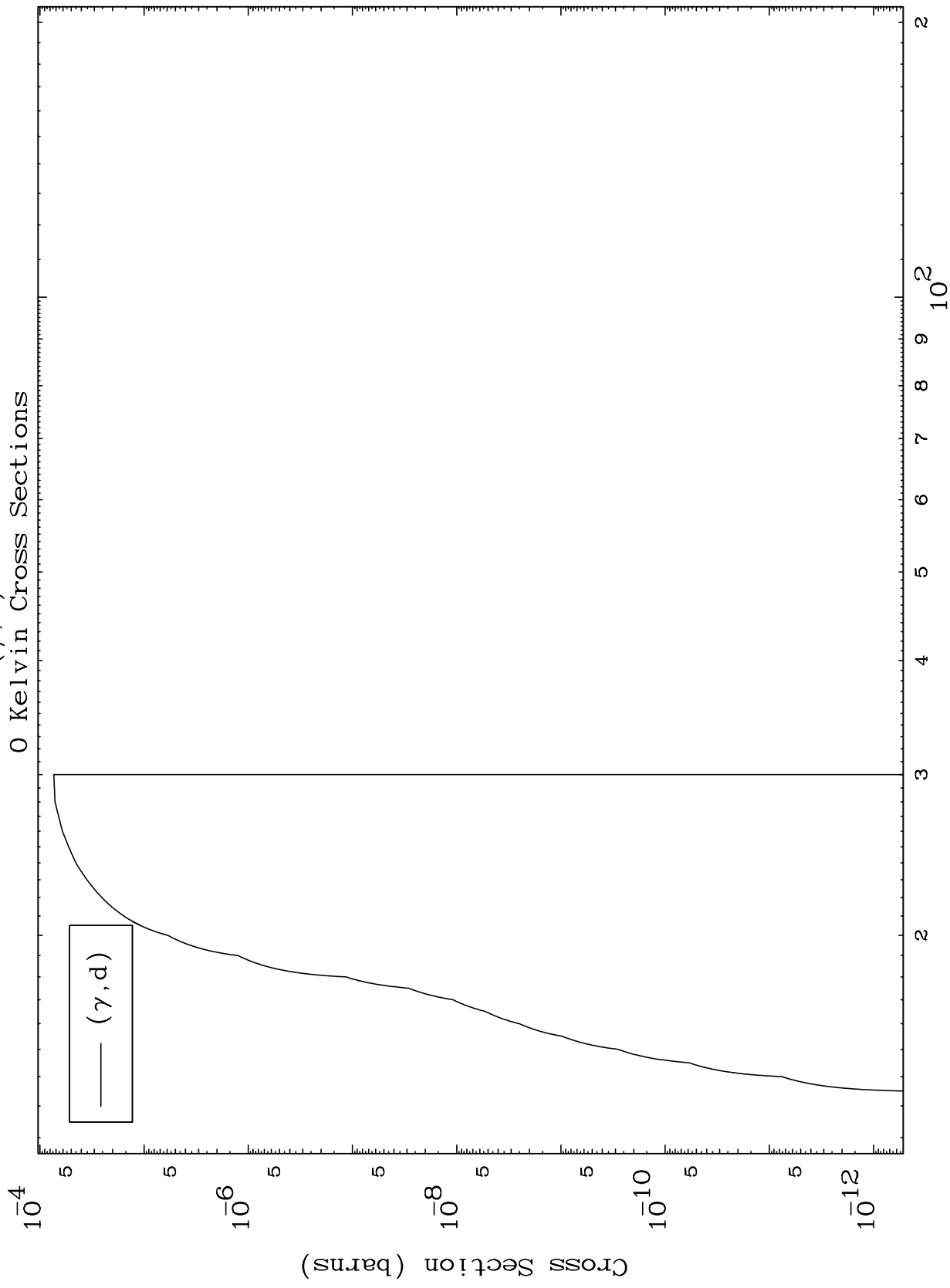
Incident Energy (MeV)

39-Y -90

MAT 3929

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

39-Y -90



7

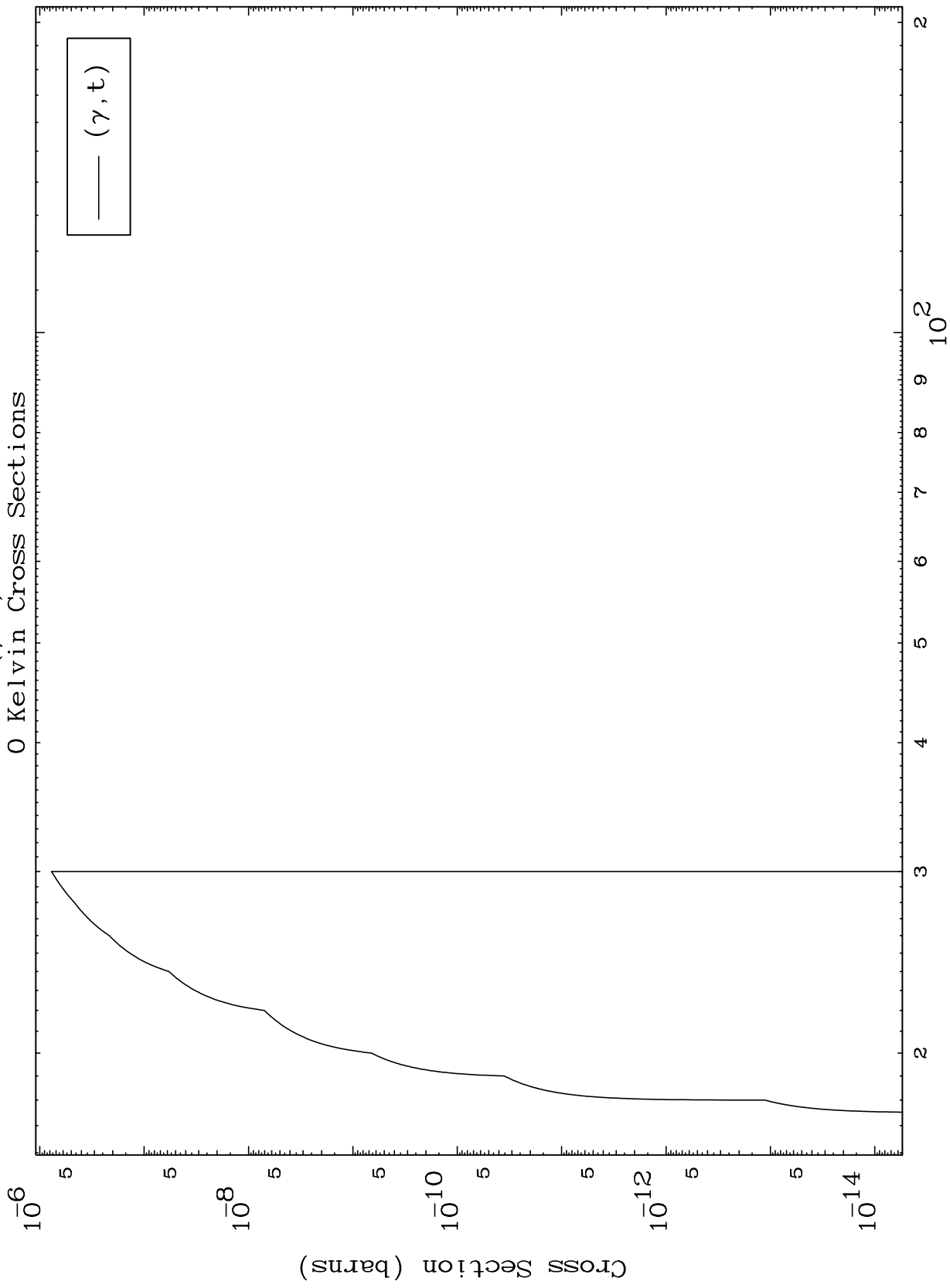
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

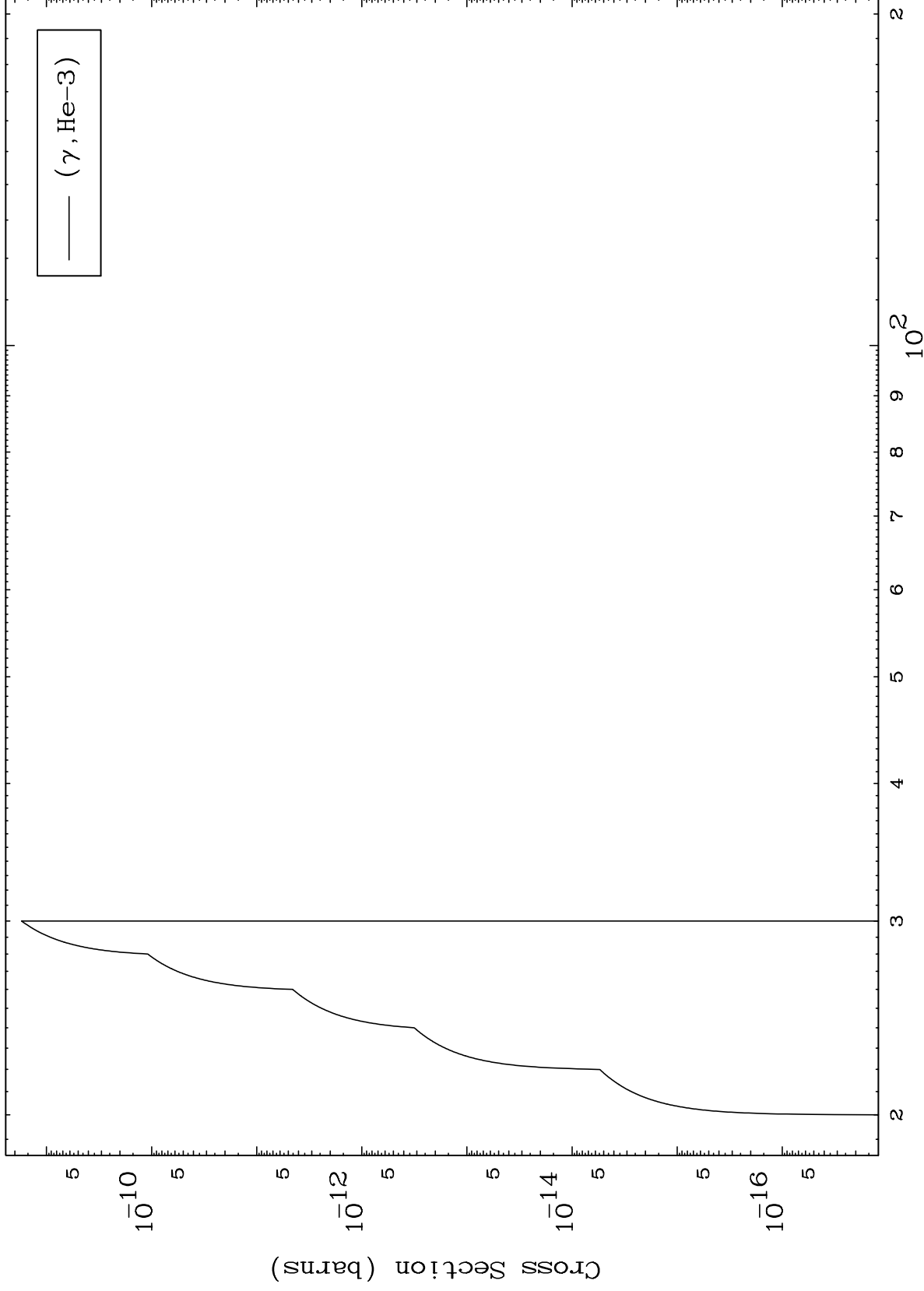
( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections



8

Incident Energy (MeV)

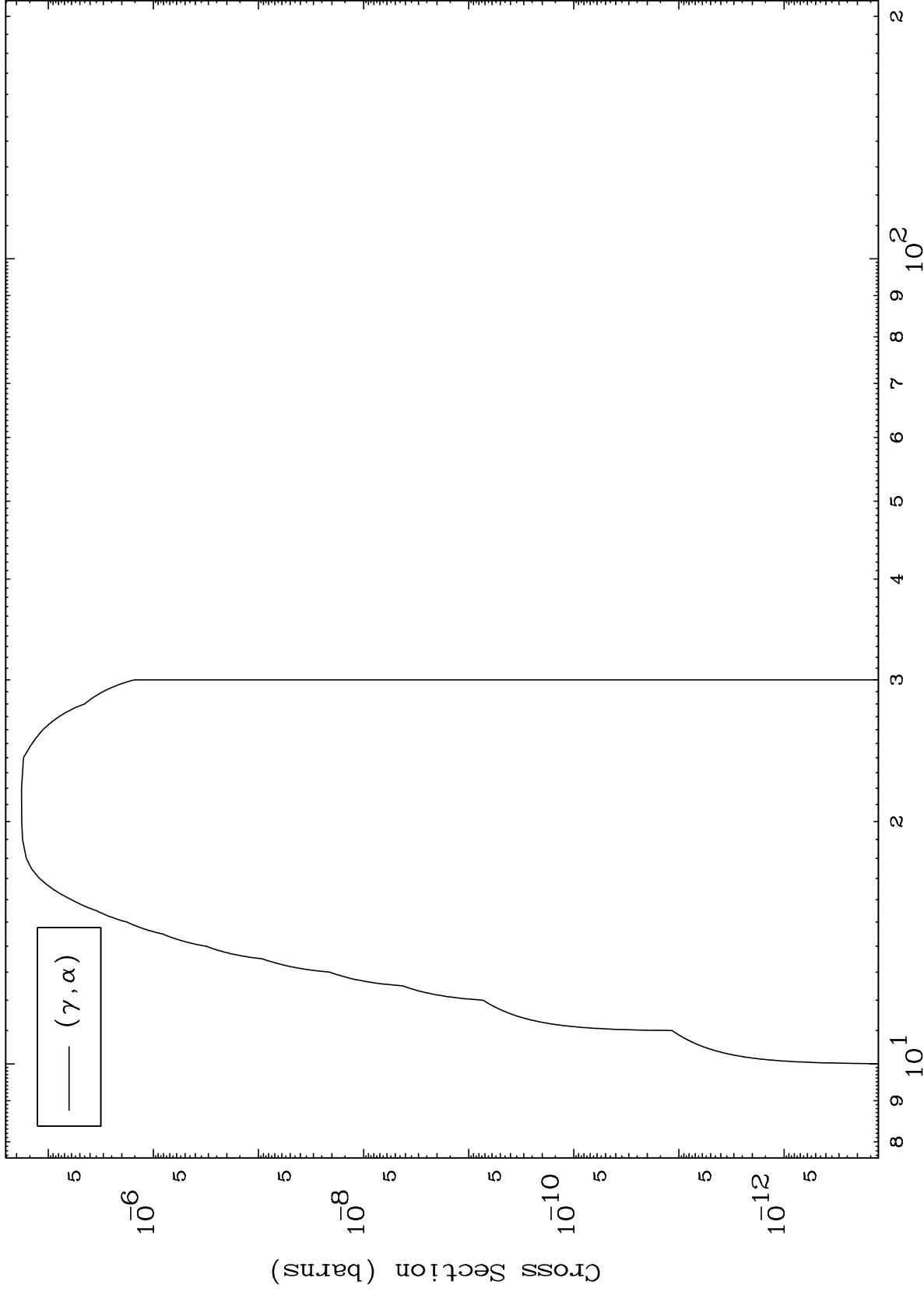
39-Y -90



MAT 3929

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

39-Y -90



10

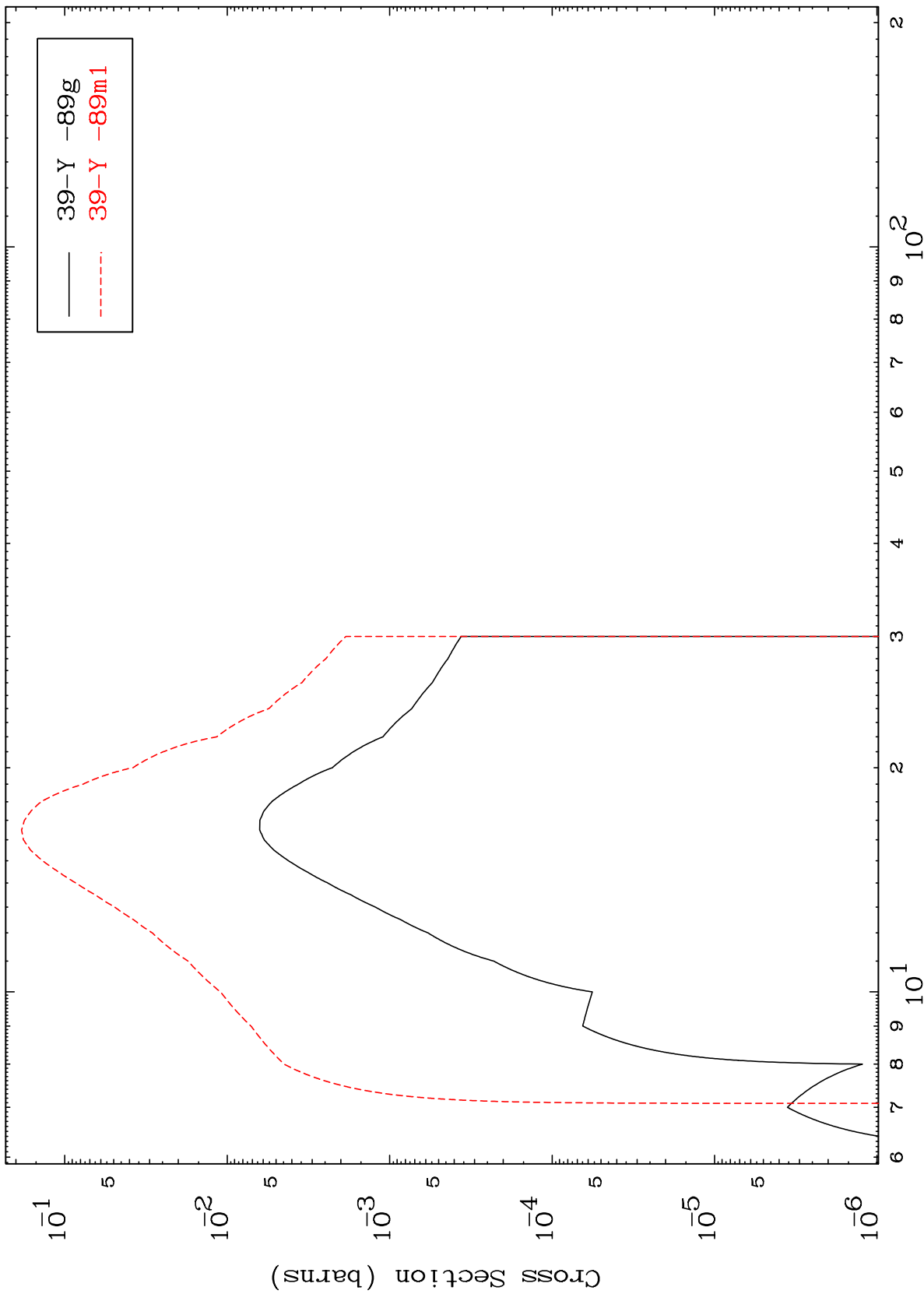
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

Photon Inelastic  
Radionuclide Production Cross Section



39-Y -90

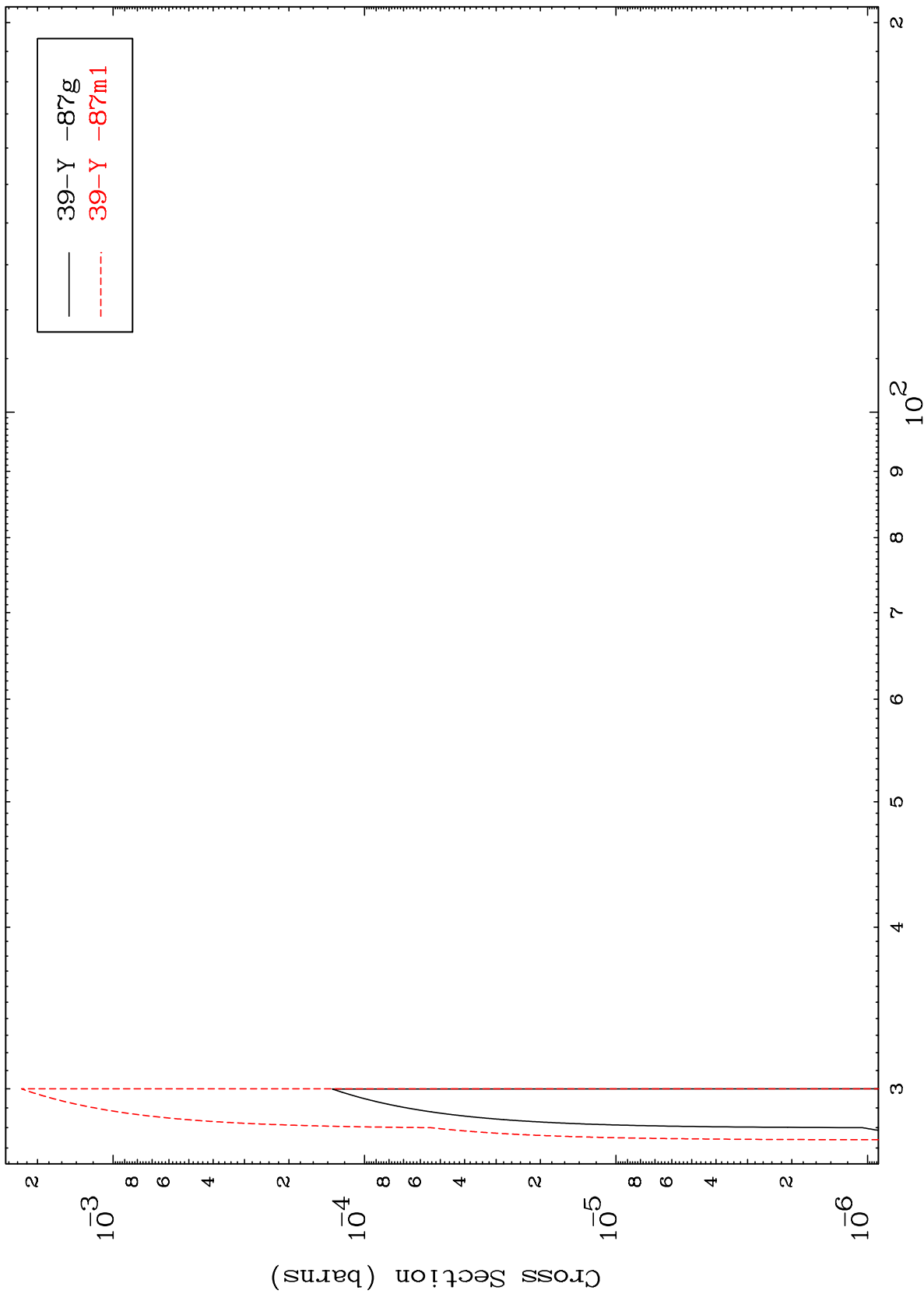
Incident Energy (MeV)

11

MAT 3929

39-Y -90

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



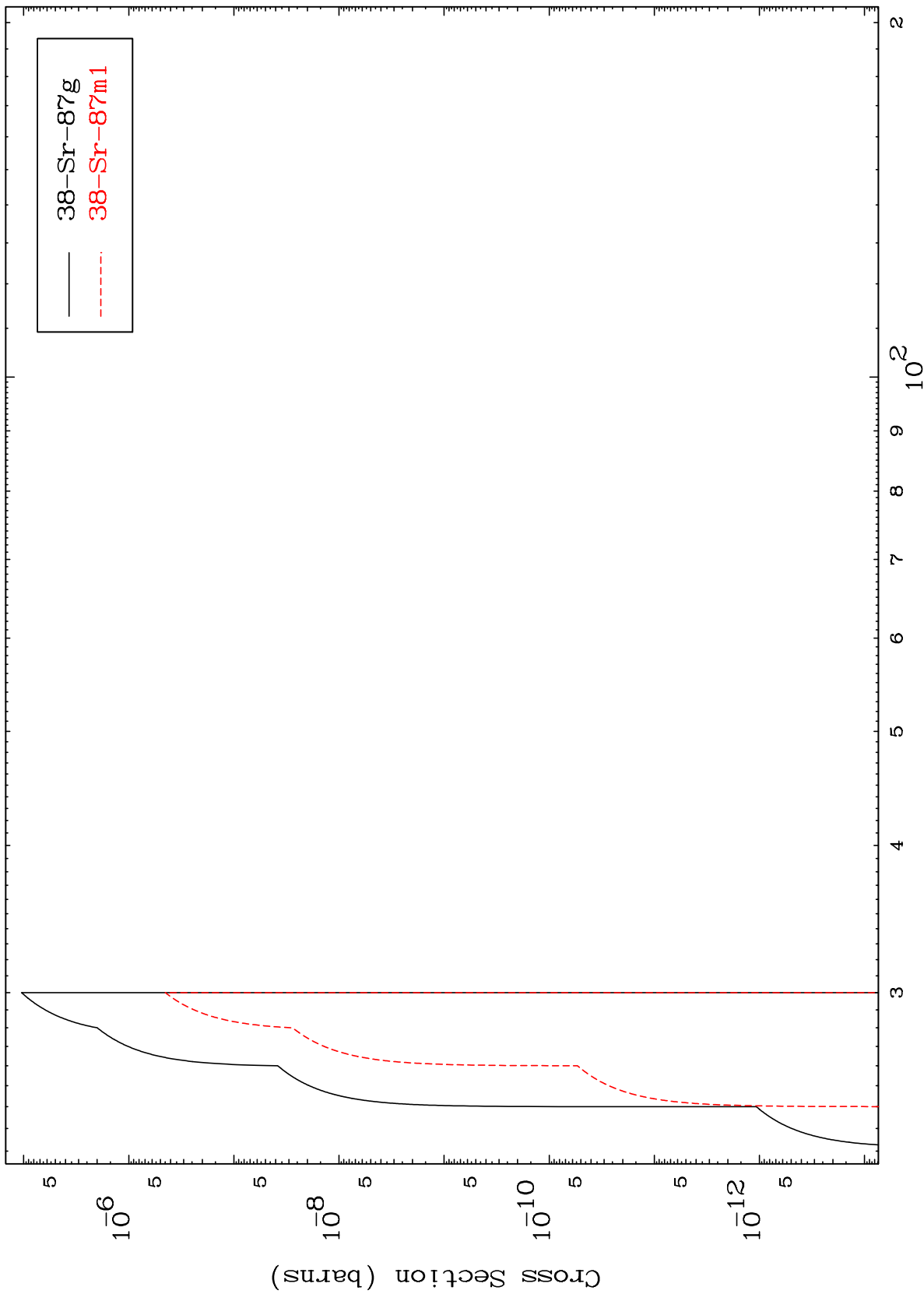
— 39-Y -87g  
- - - 39-Y -87m1

12

Incident Energy (MeV)

39-Y -90

Radionuclide Production Cross Section



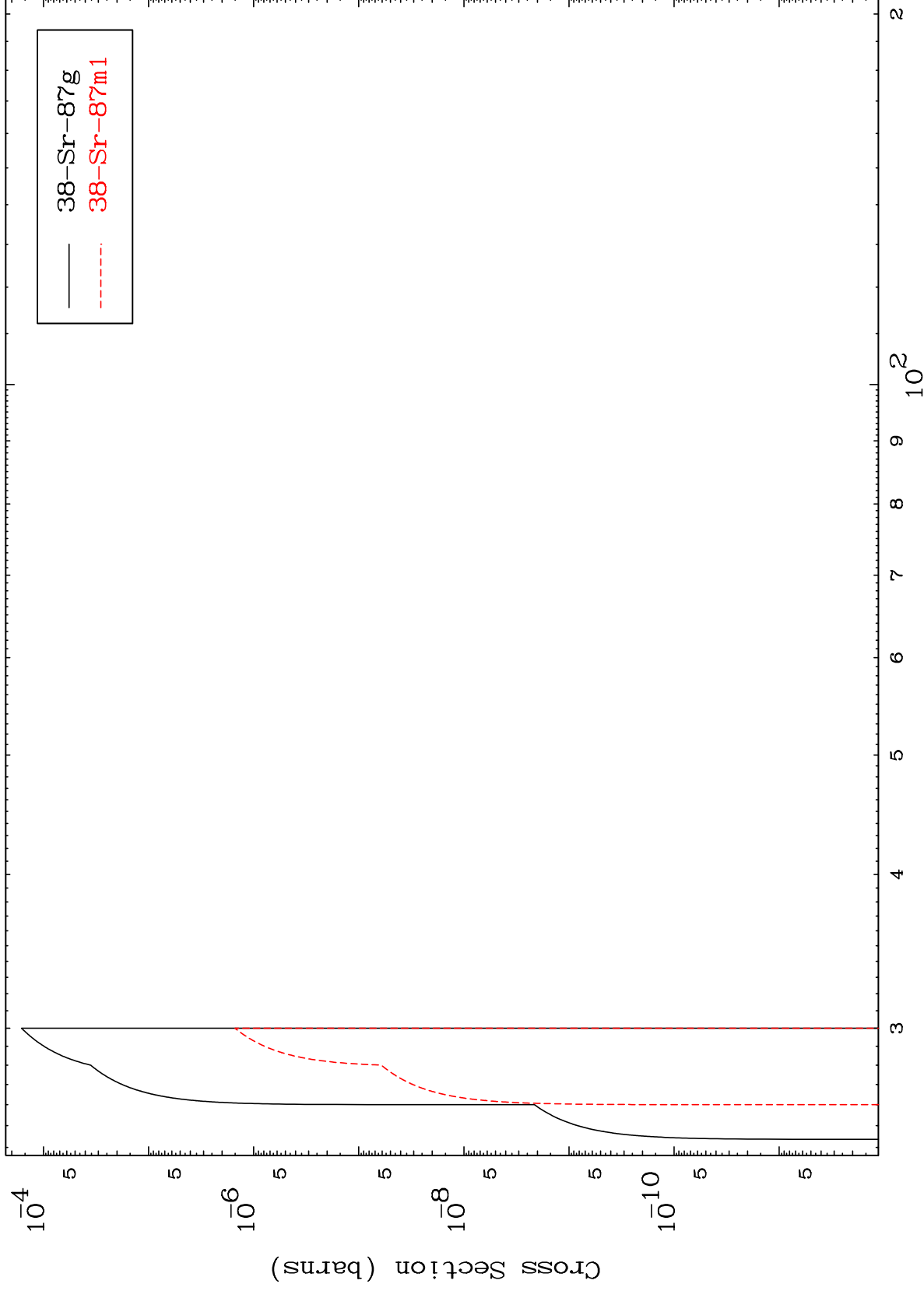
— 38-Sr-87g  
- - - 38-Sr-87m1

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$(\gamma, 2n)$  p

39-Y -90

Radionuclide Production Cross Section



14

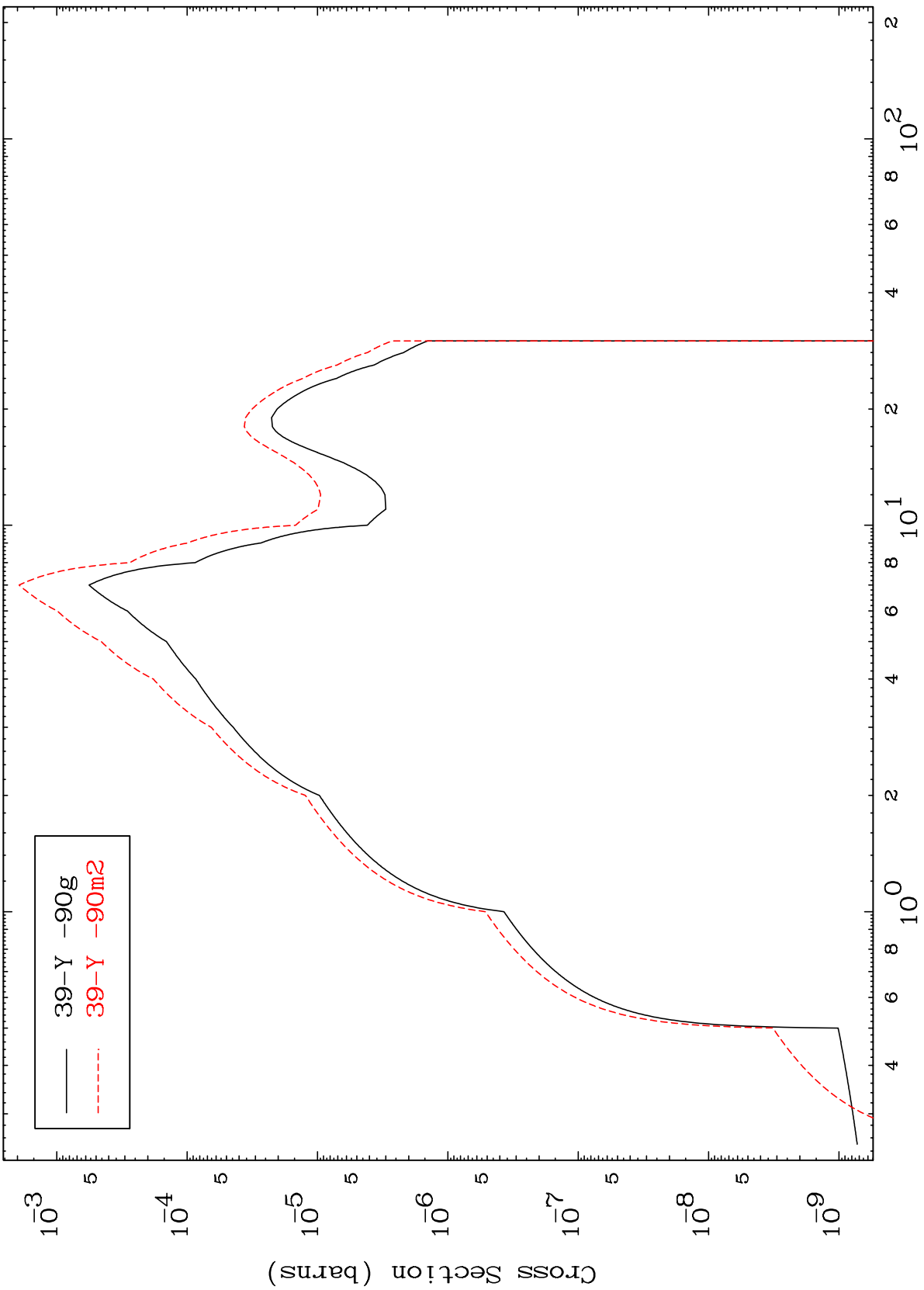
Incident Energy (MeV)

39-Y -90

MAT 3929

39-Y -90

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



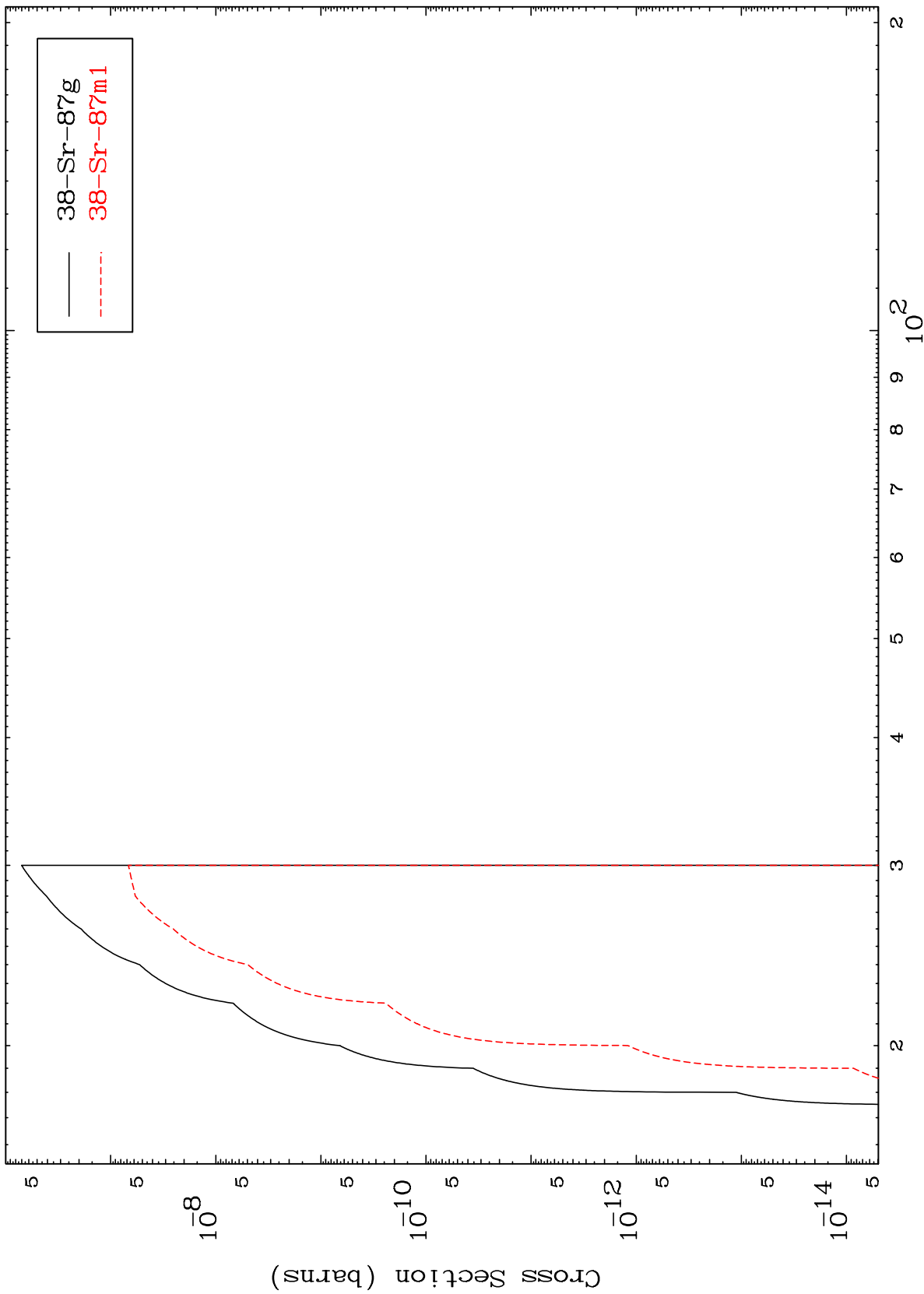
— 39-Y -90g  
- - - 39-Y -90m2

39-Y -90

Incident Energy (MeV)

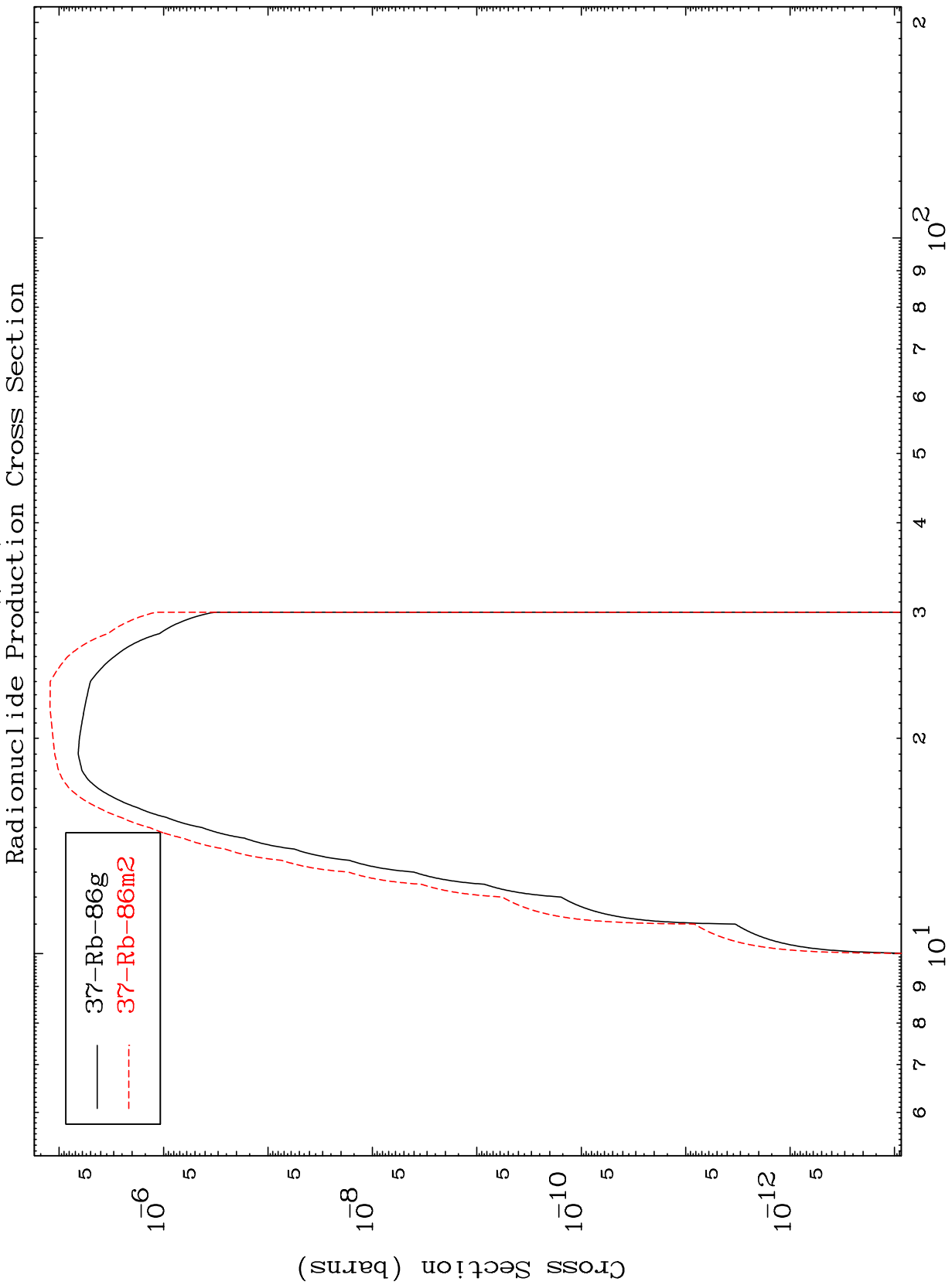
15

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



MAT 3929

39-Y -90



Incident Energy (MeV)

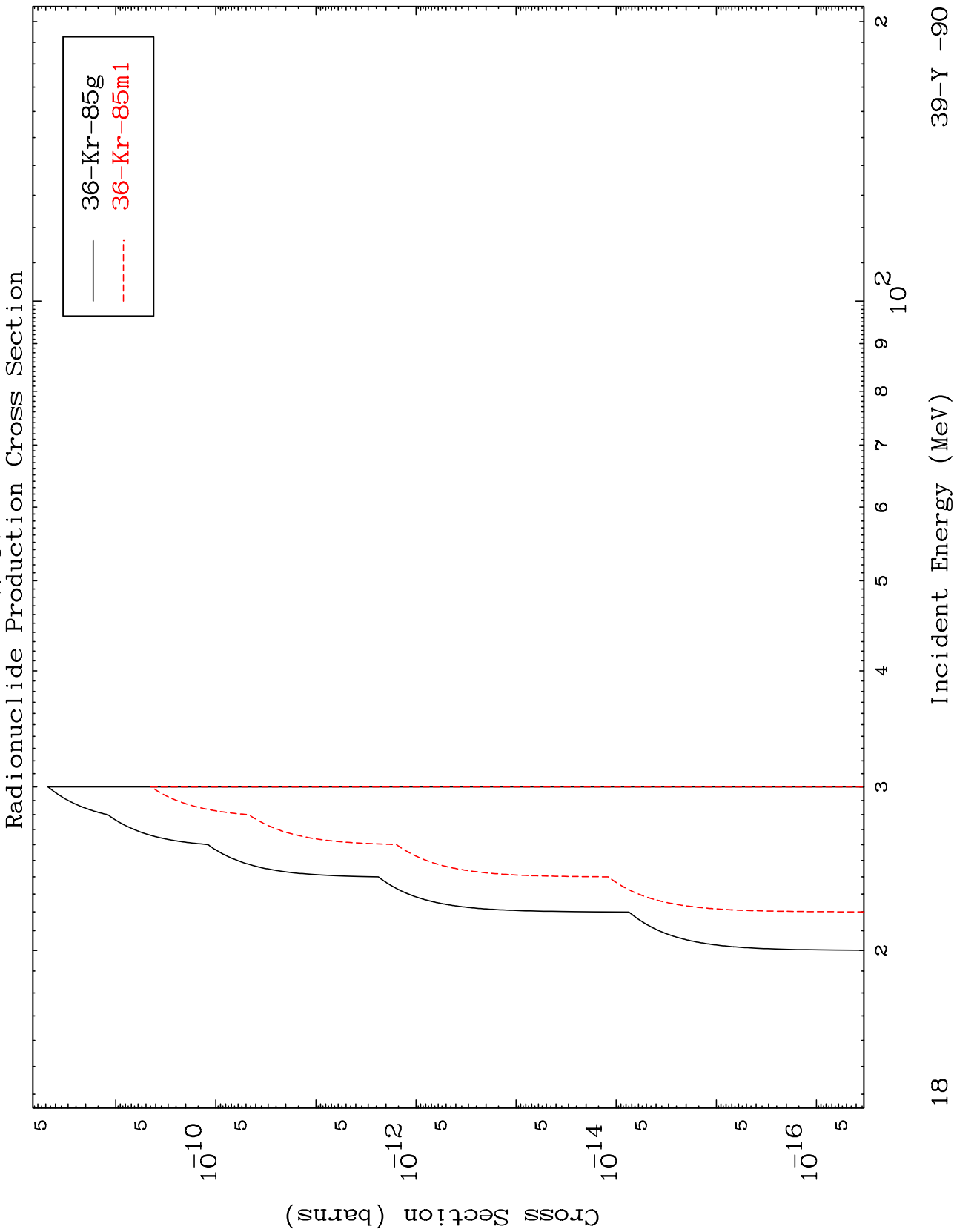
39-Y -90

17

MAT 3929

$(\gamma, p) \alpha$

39-Y -90



18

Incident Energy (MeV)

39-Y -90