

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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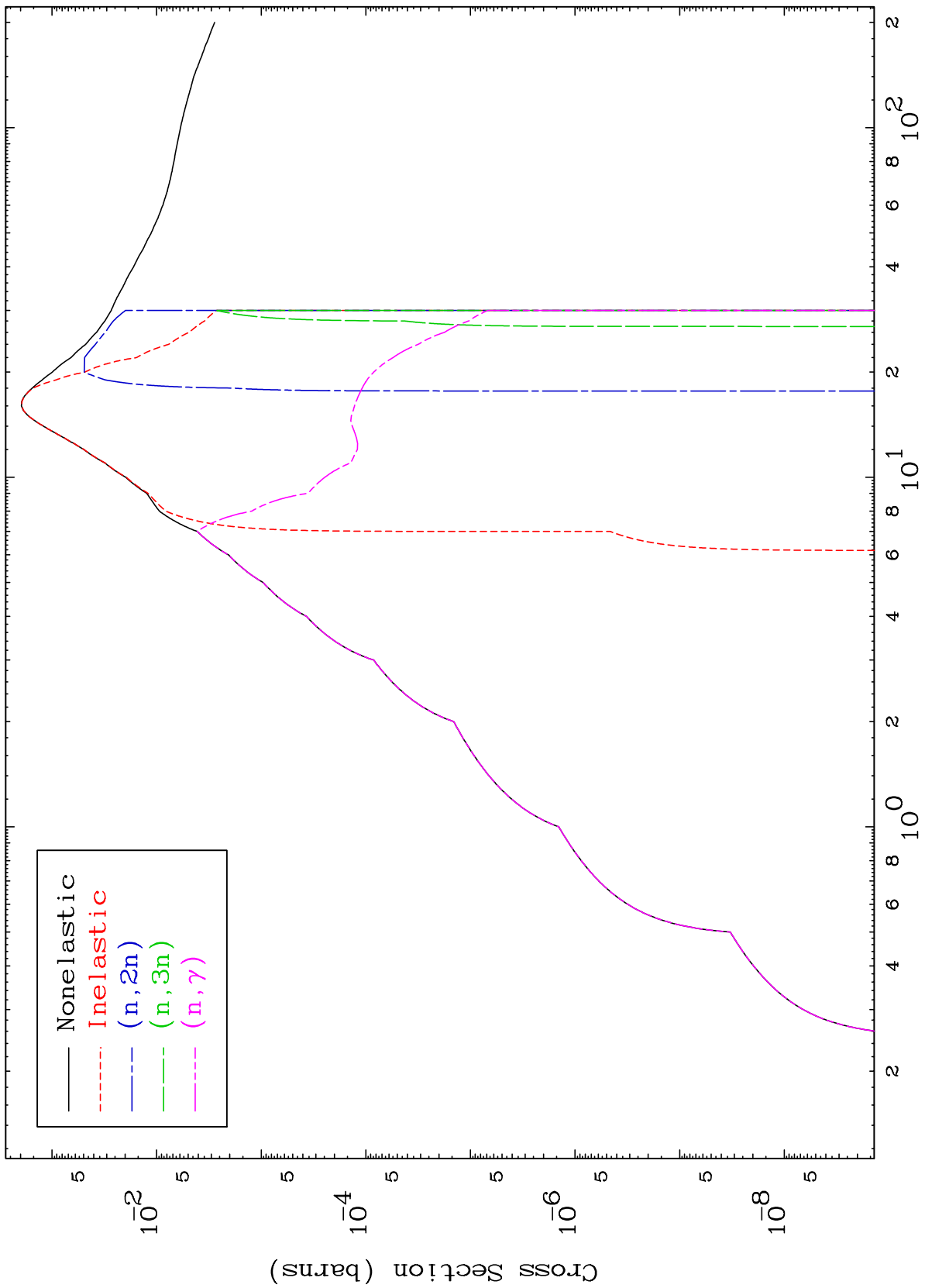
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3929

0 Kelvin Major  
Photon Cross Sections

39-Y -90m



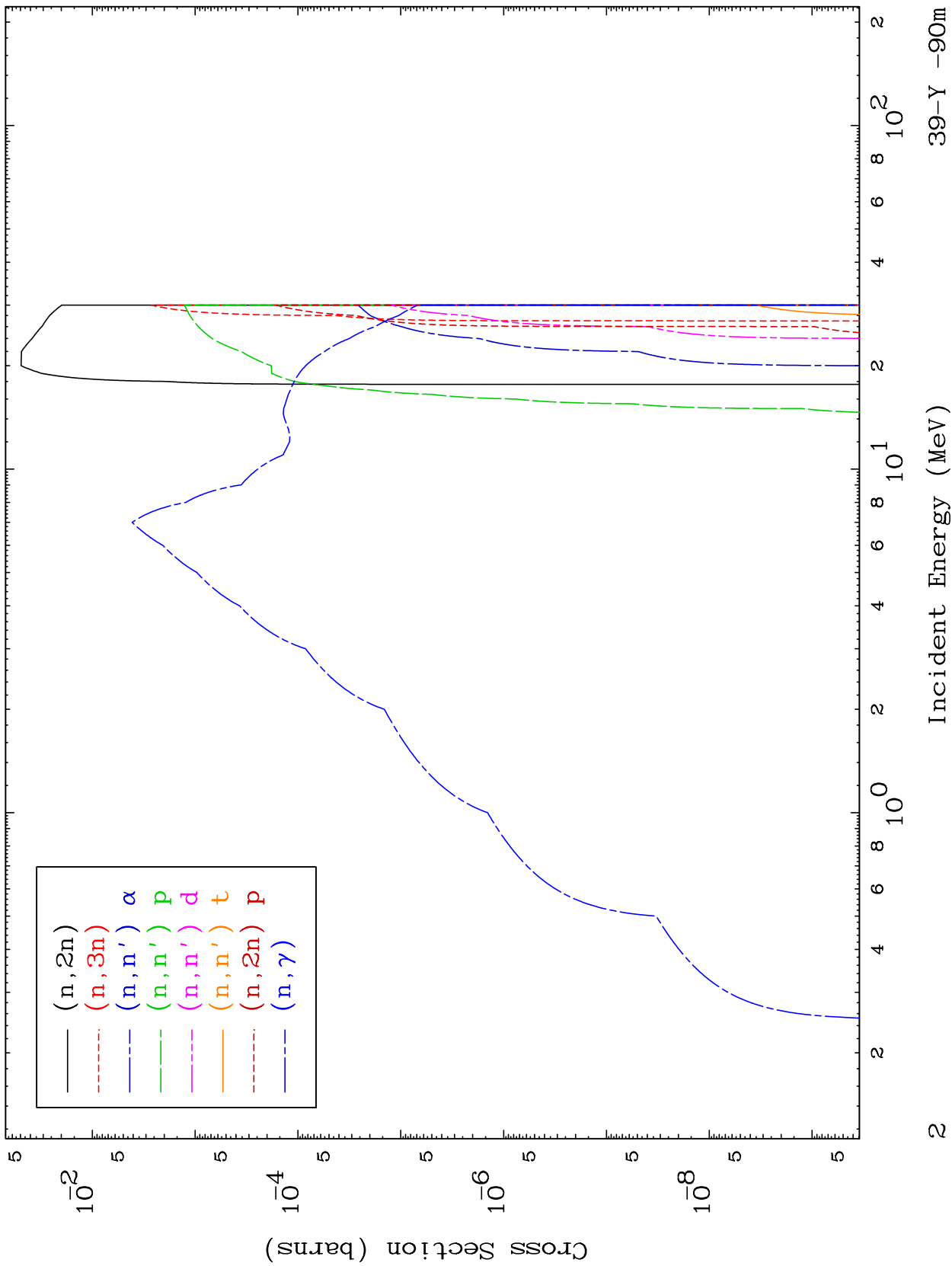
Incident Energy (MeV)

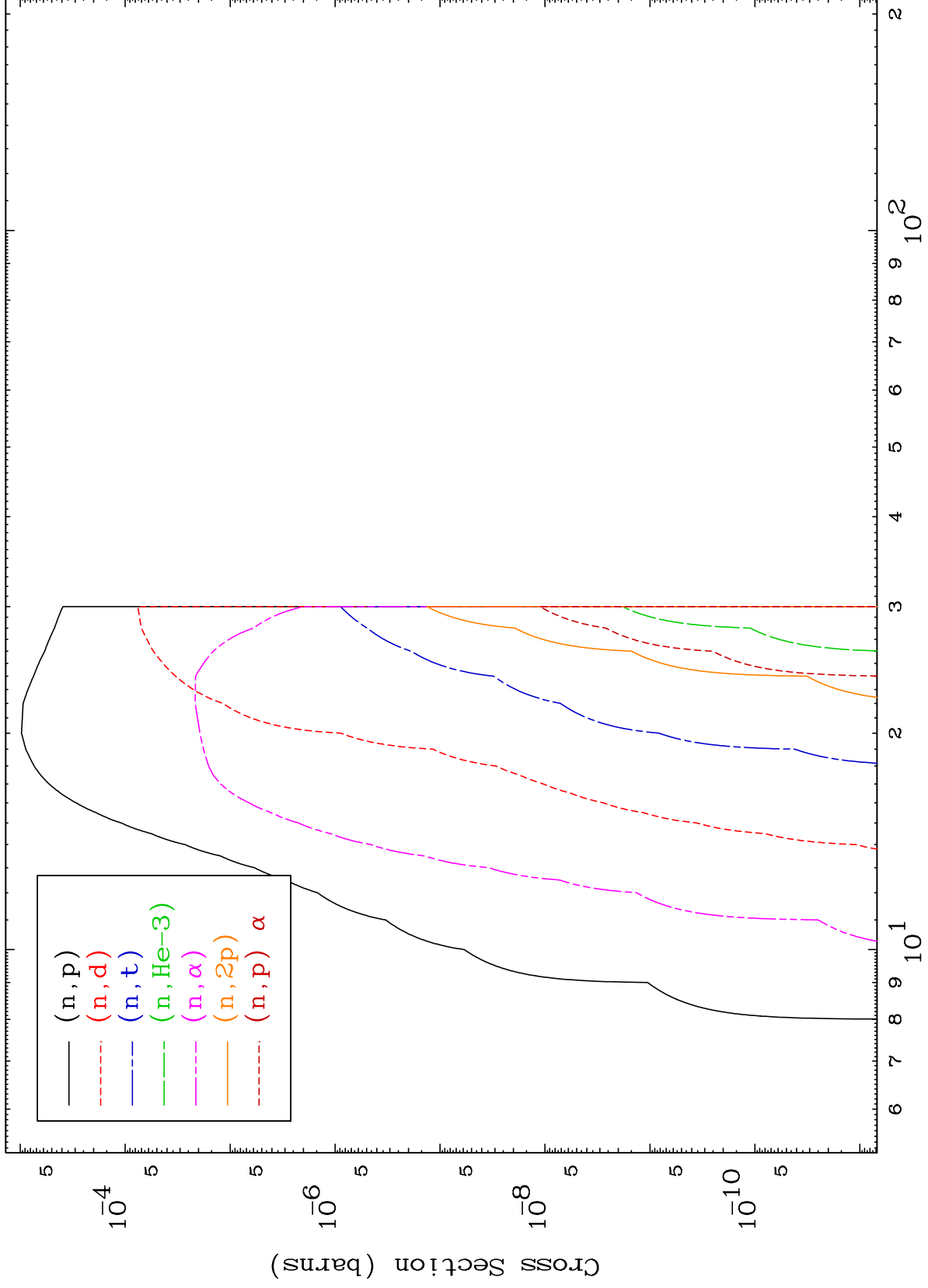
39-Y -90m

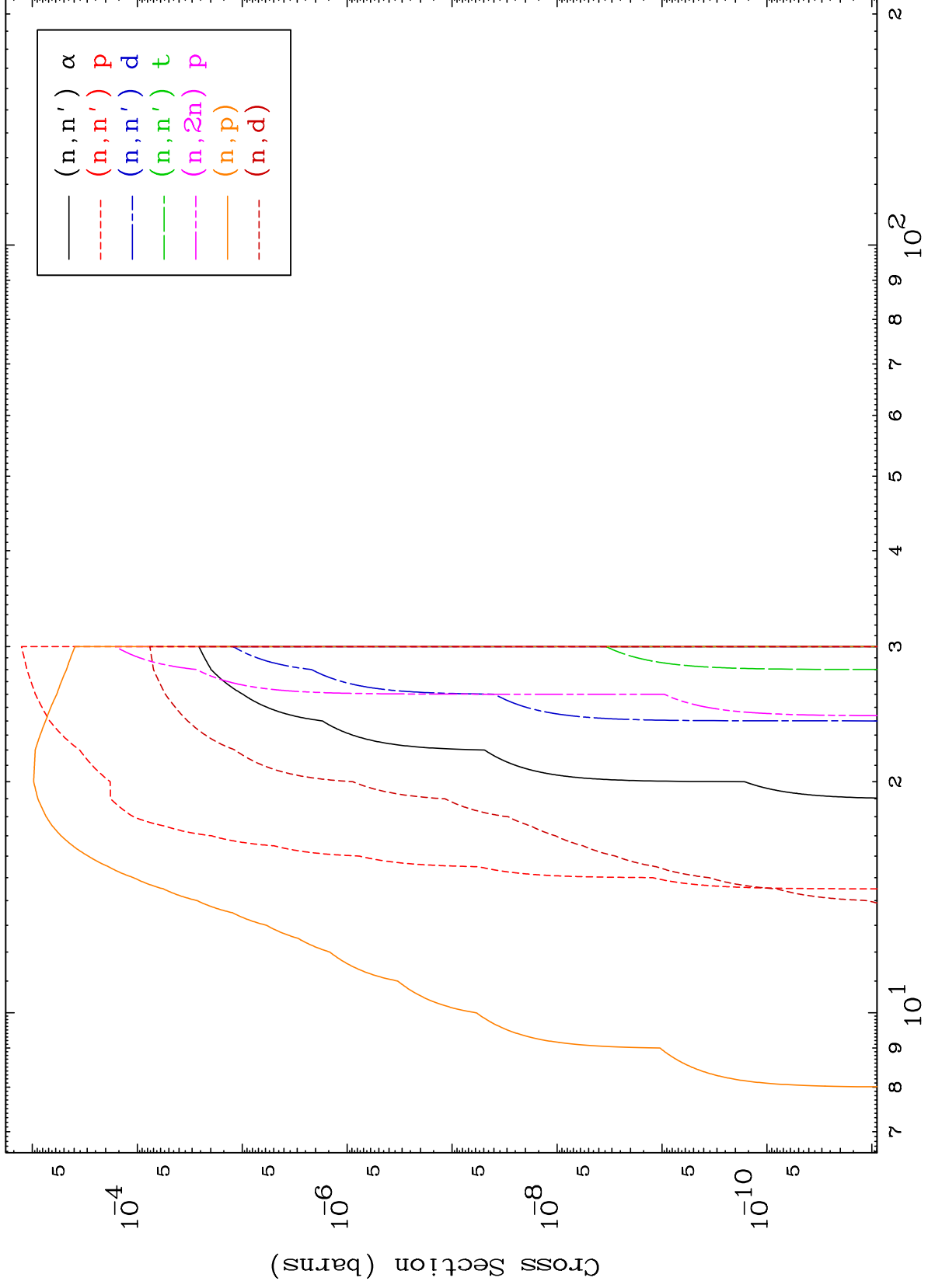
MAT 3929

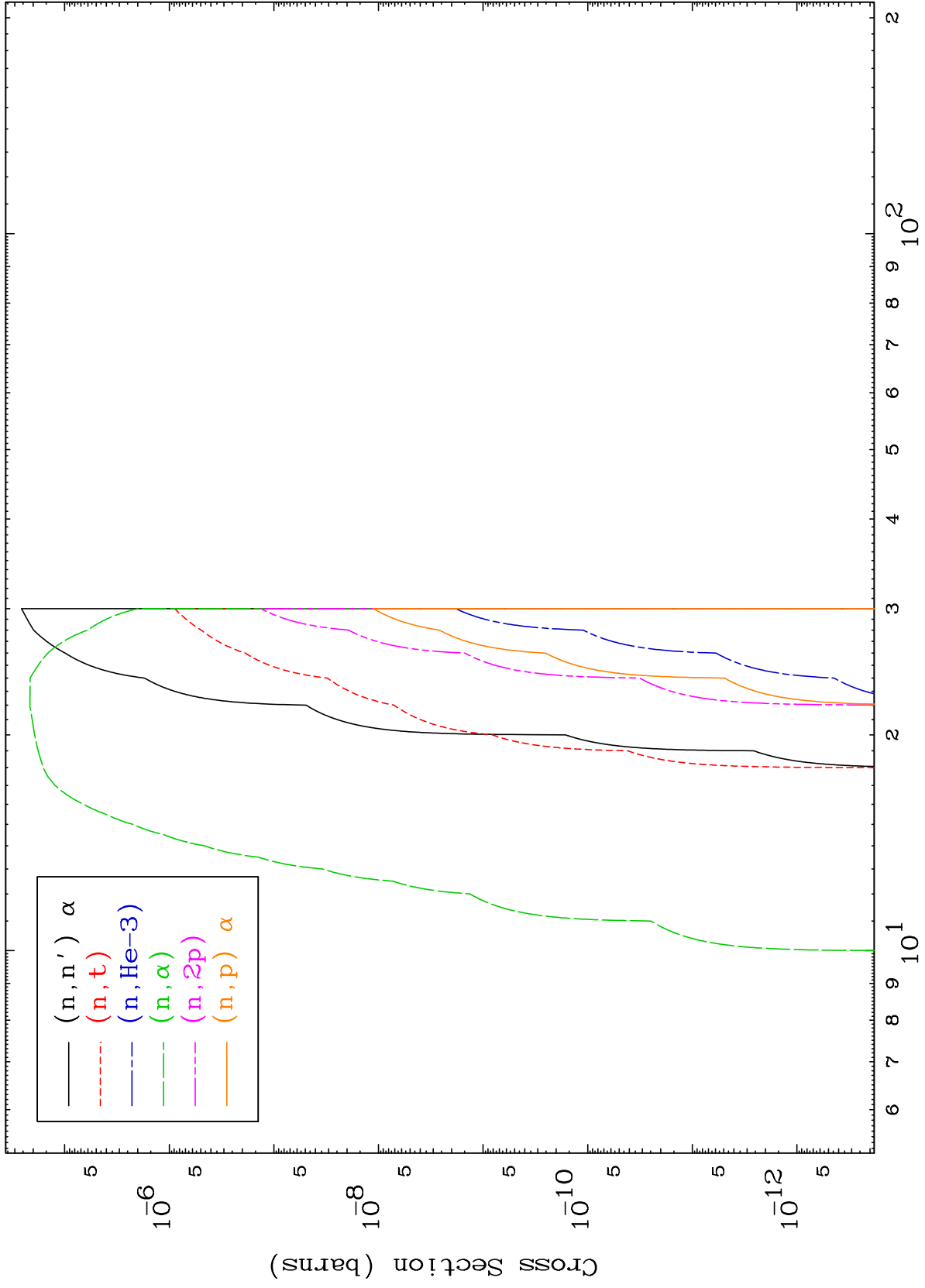
Photon Neutron Absorption  
0 Kelvin Cross Sections

39-Y -90m





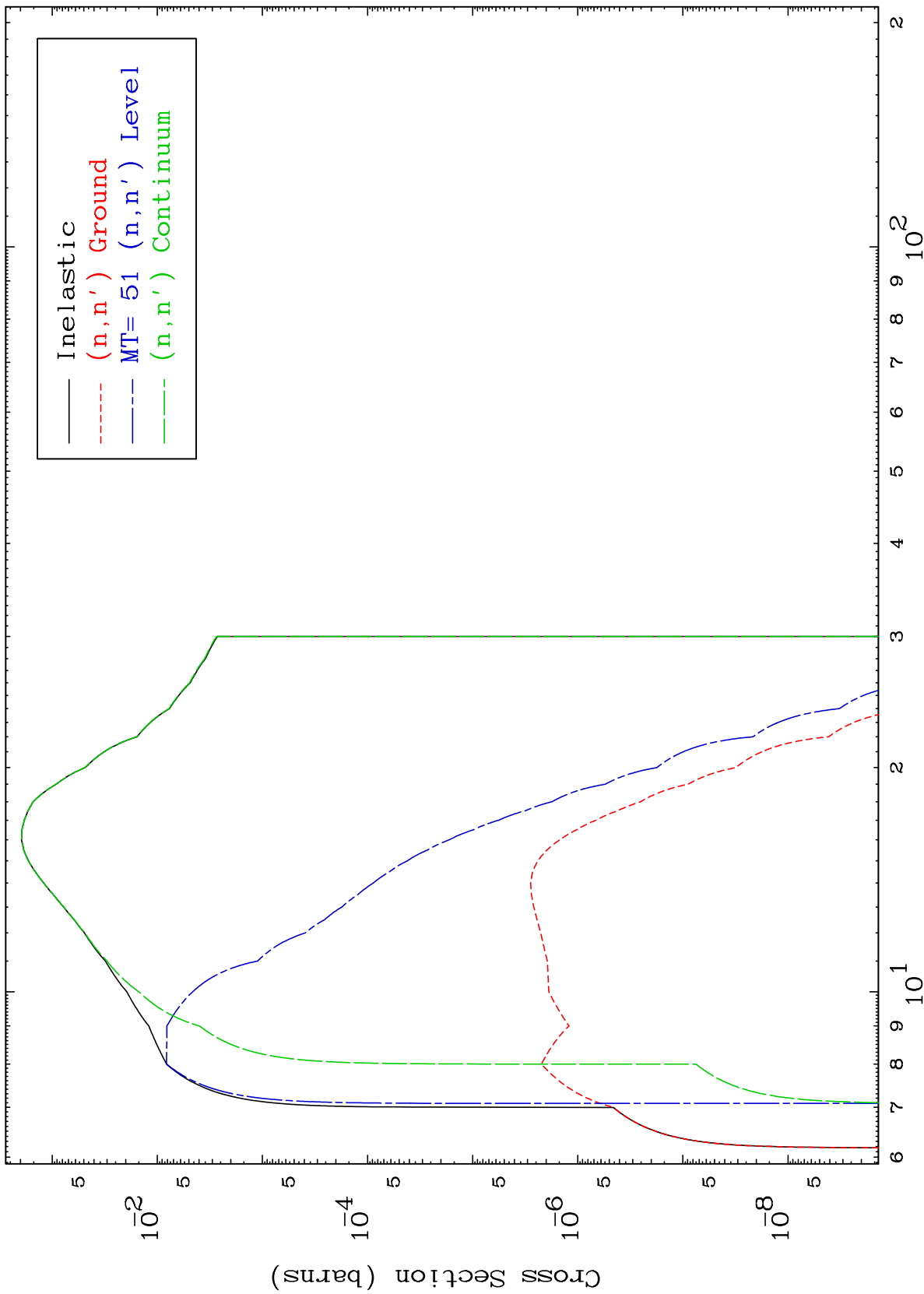




MAT 3929

39-Y -90m

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



39-Y -90m

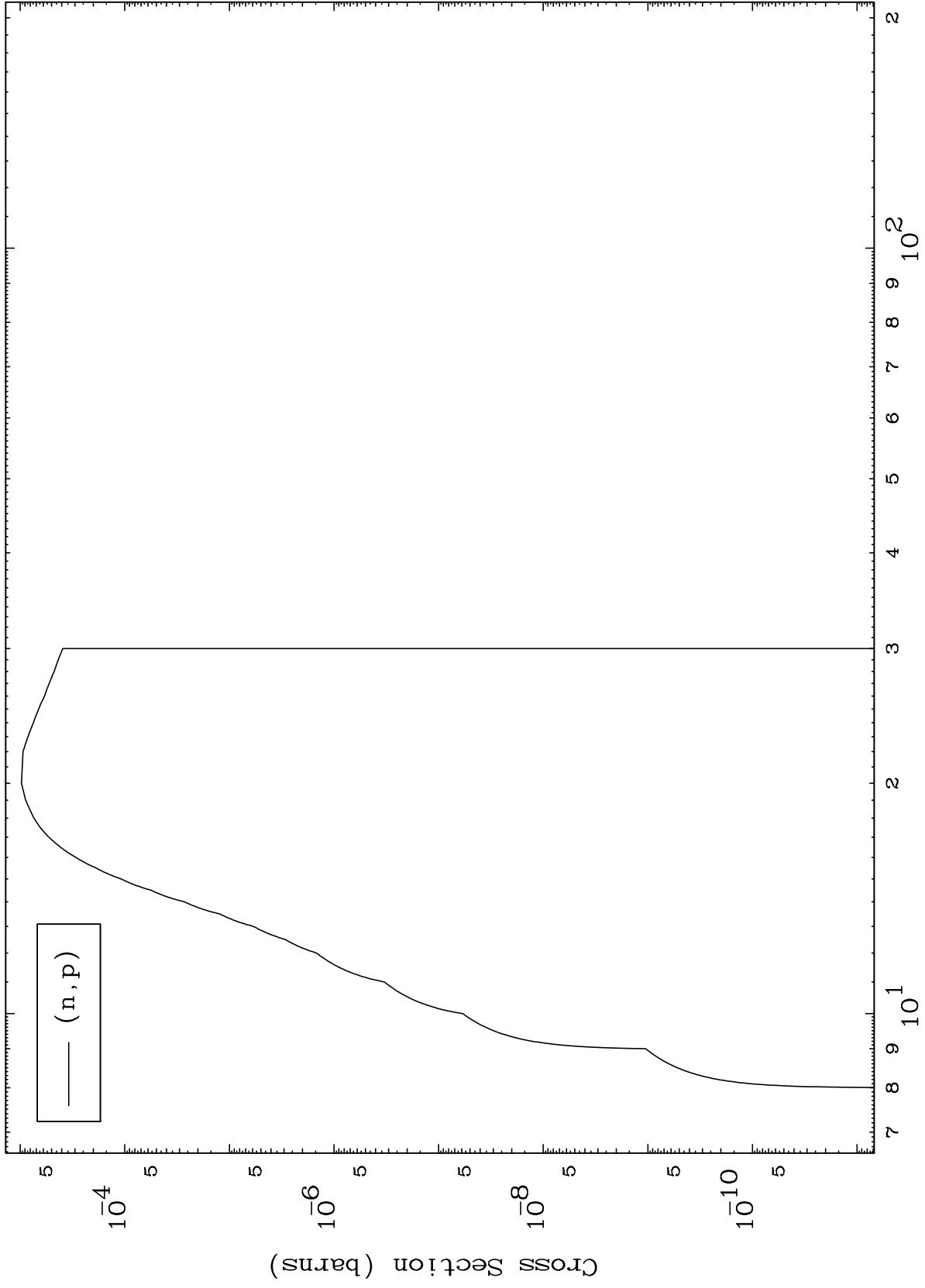
Incident Energy (MeV)

6

MAT 3929

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

39-Y -90m



7

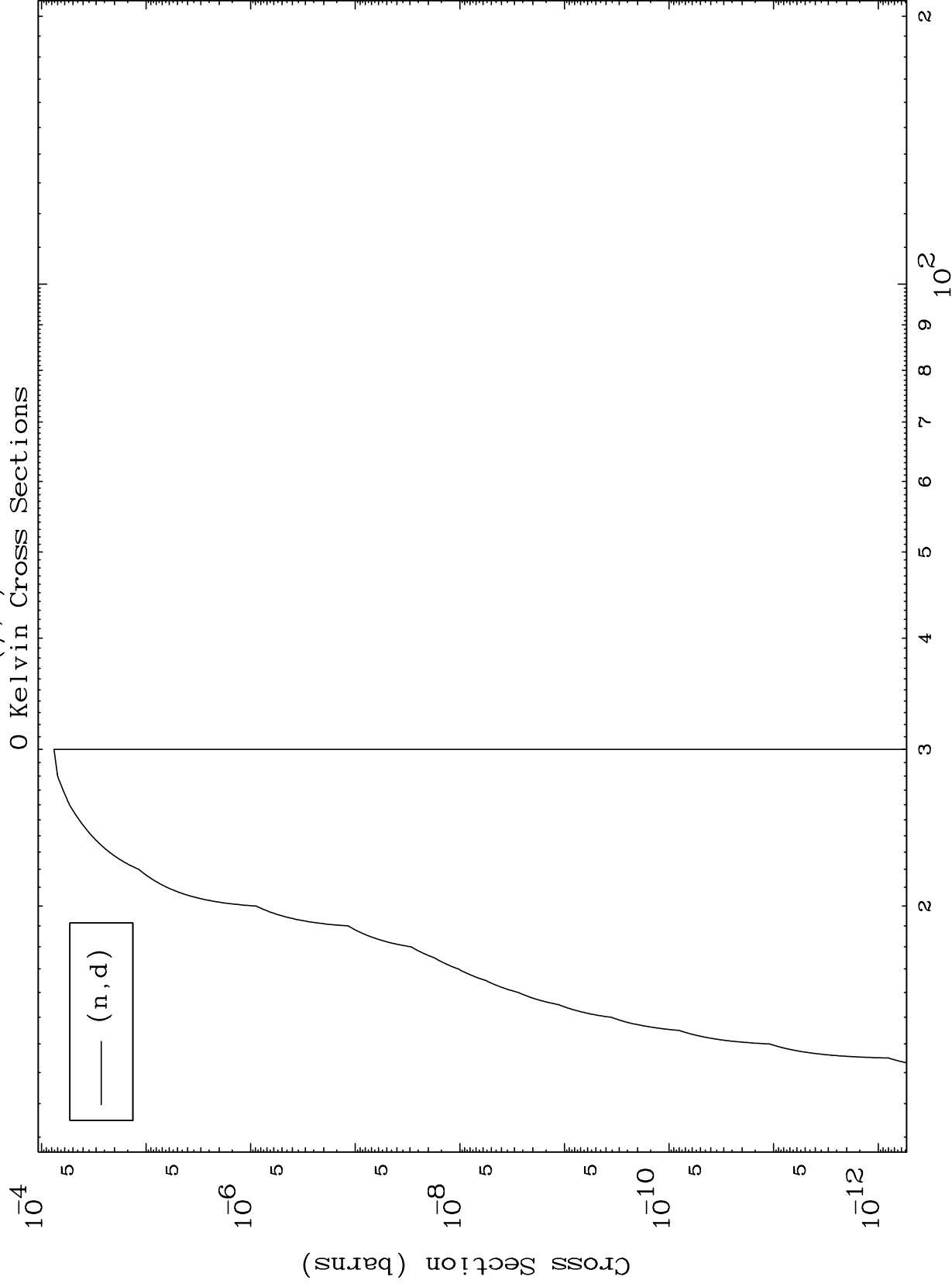
Incident Energy (MeV)

39-Y -90m

MAT 3929

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

39-Y -90m



8

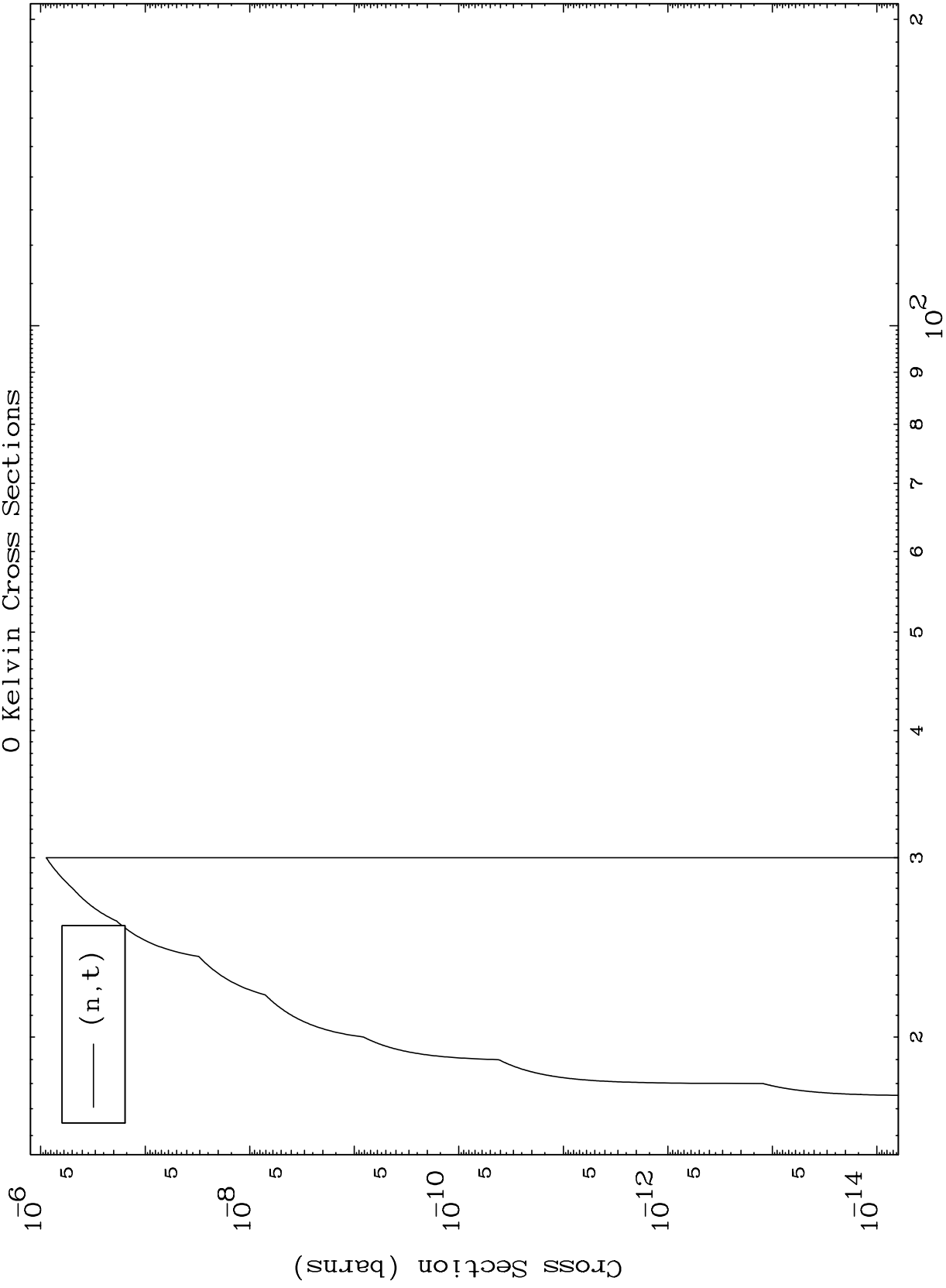
Incident Energy (MeV)

39-Y -90m

MAT 3929

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

39-Y -90m



9

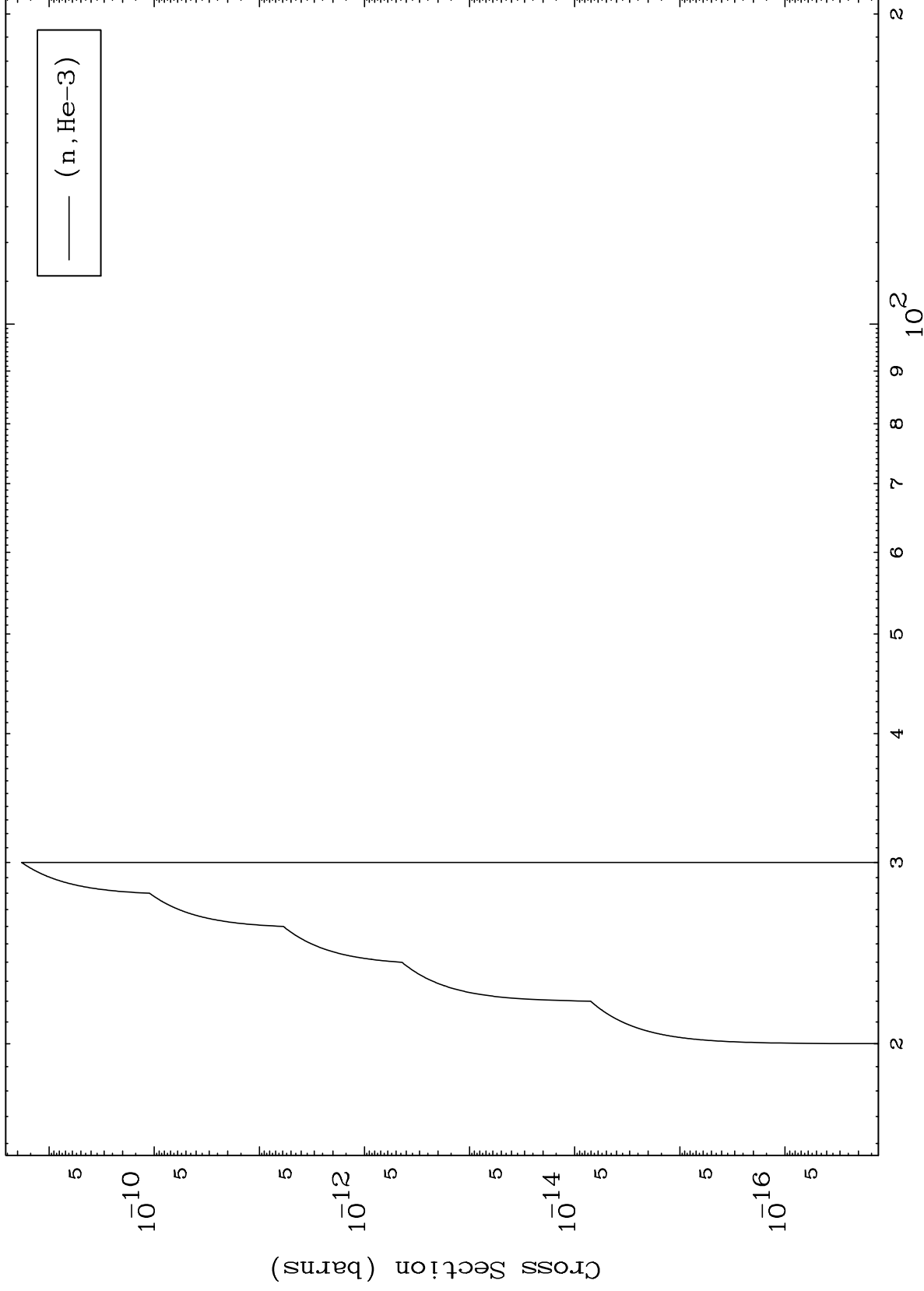
Incident Energy (MeV)

39-Y -90m

MAT 3929

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

39-Y -90m



10

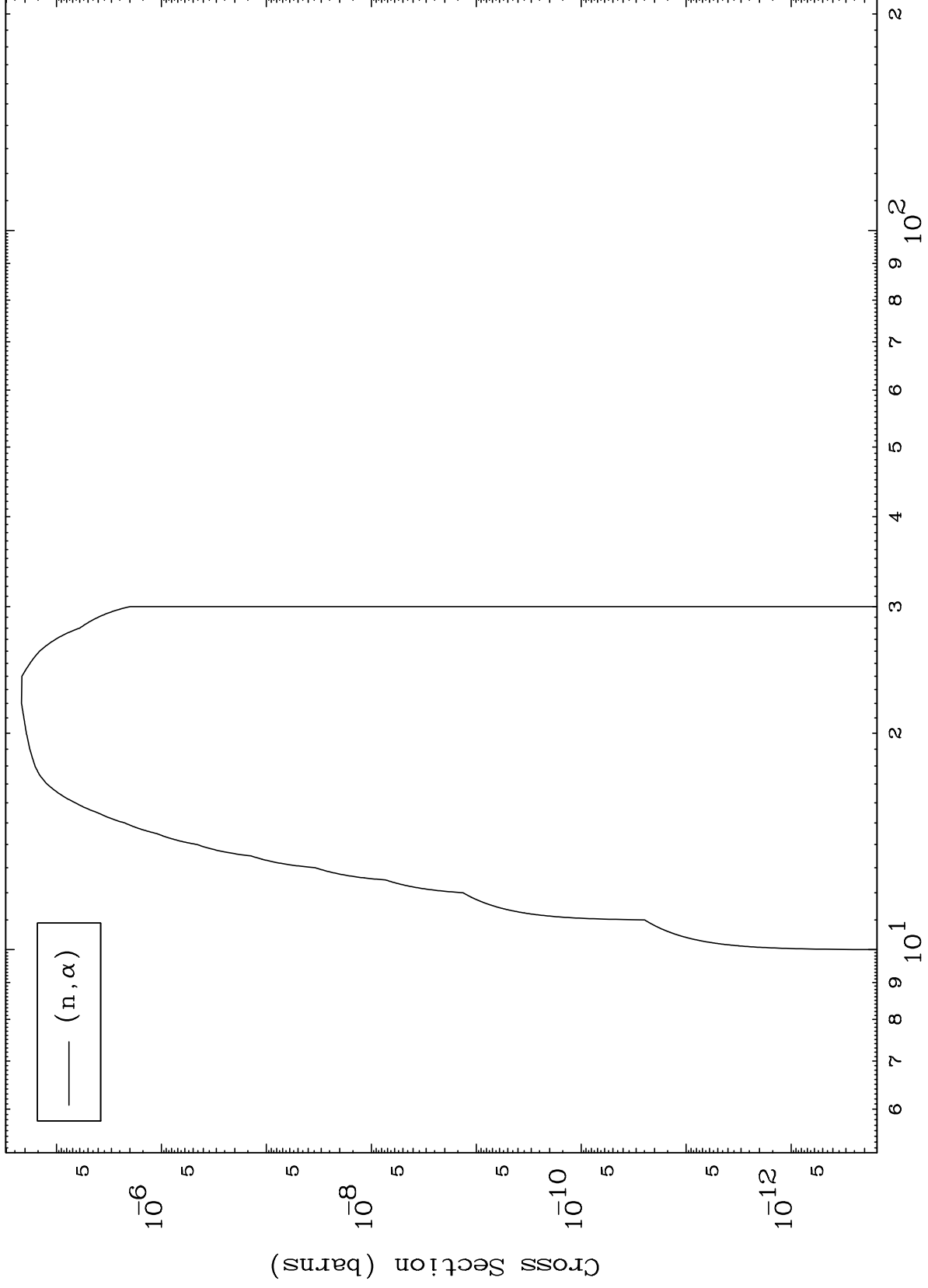
Incident Energy (MeV)

39-Y -90m

MAT 3929

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

39-Y -90m



11

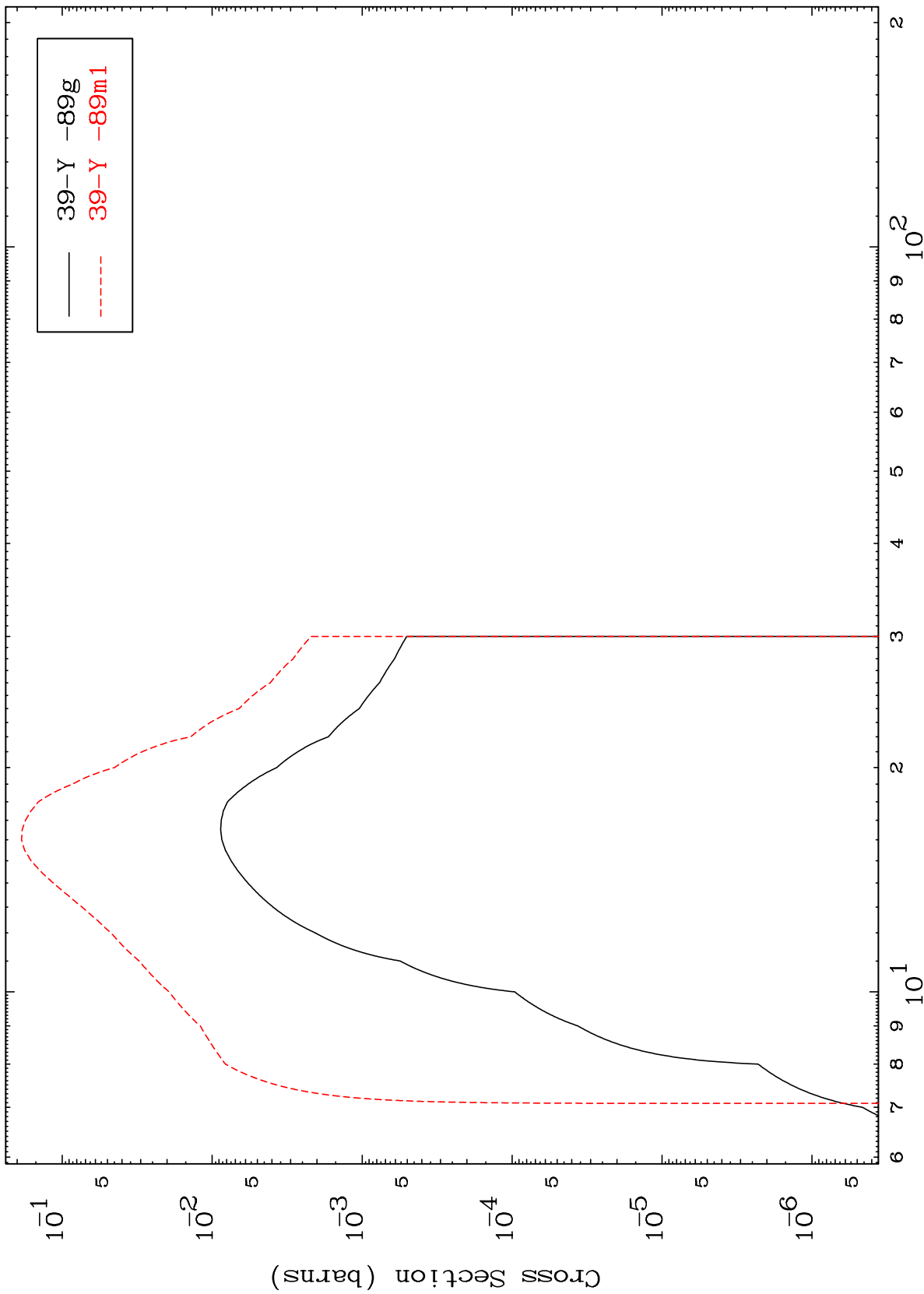
Incident Energy (MeV)

39-Y -90m

MAT 3929

39-Y -90m

Inelastic  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

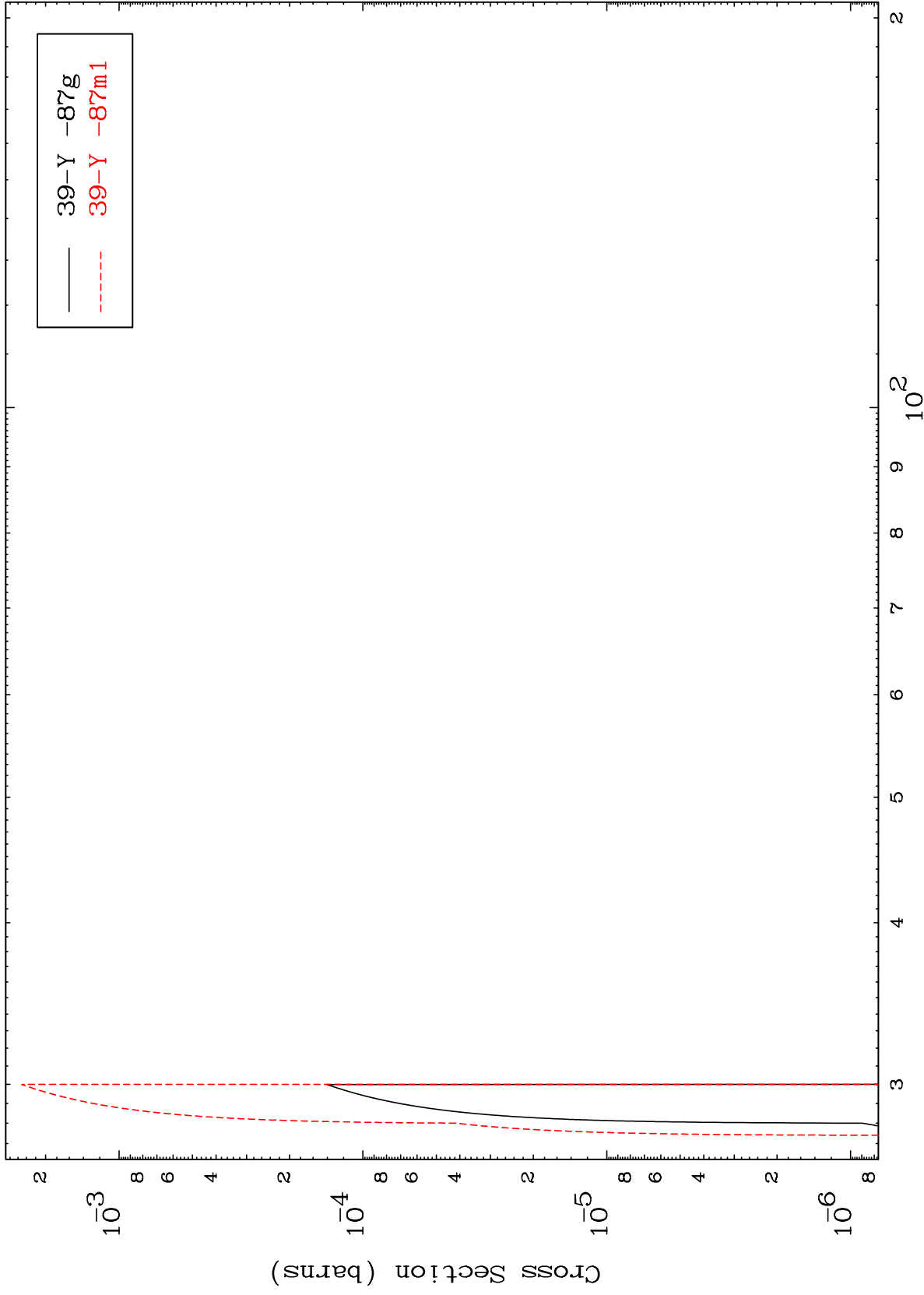
39-Y -90m

MAT 3929

(n,3n)

39-Y -90m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

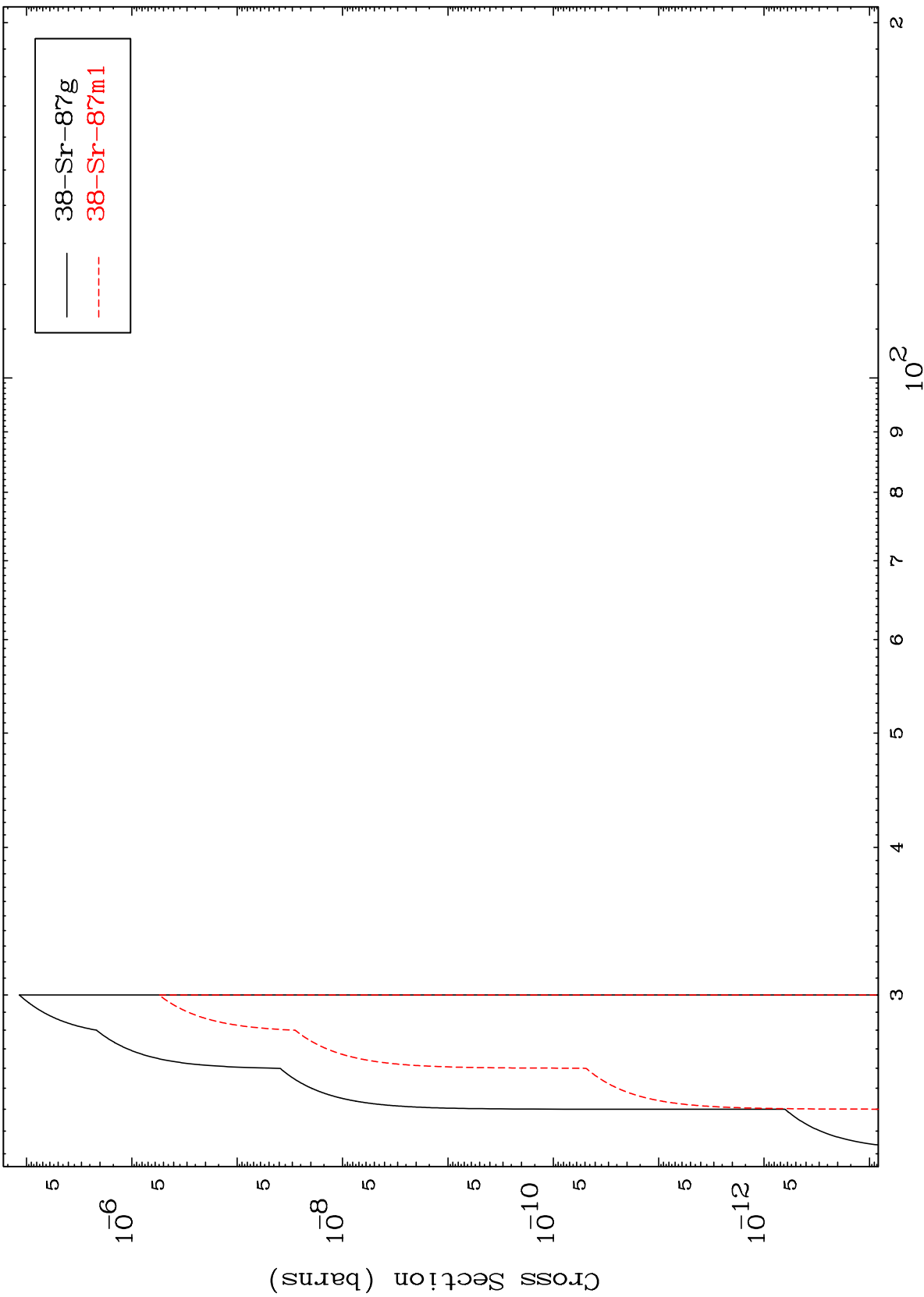
39-Y -90m

MAT 3929

(n,n') d

39-Y -90m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

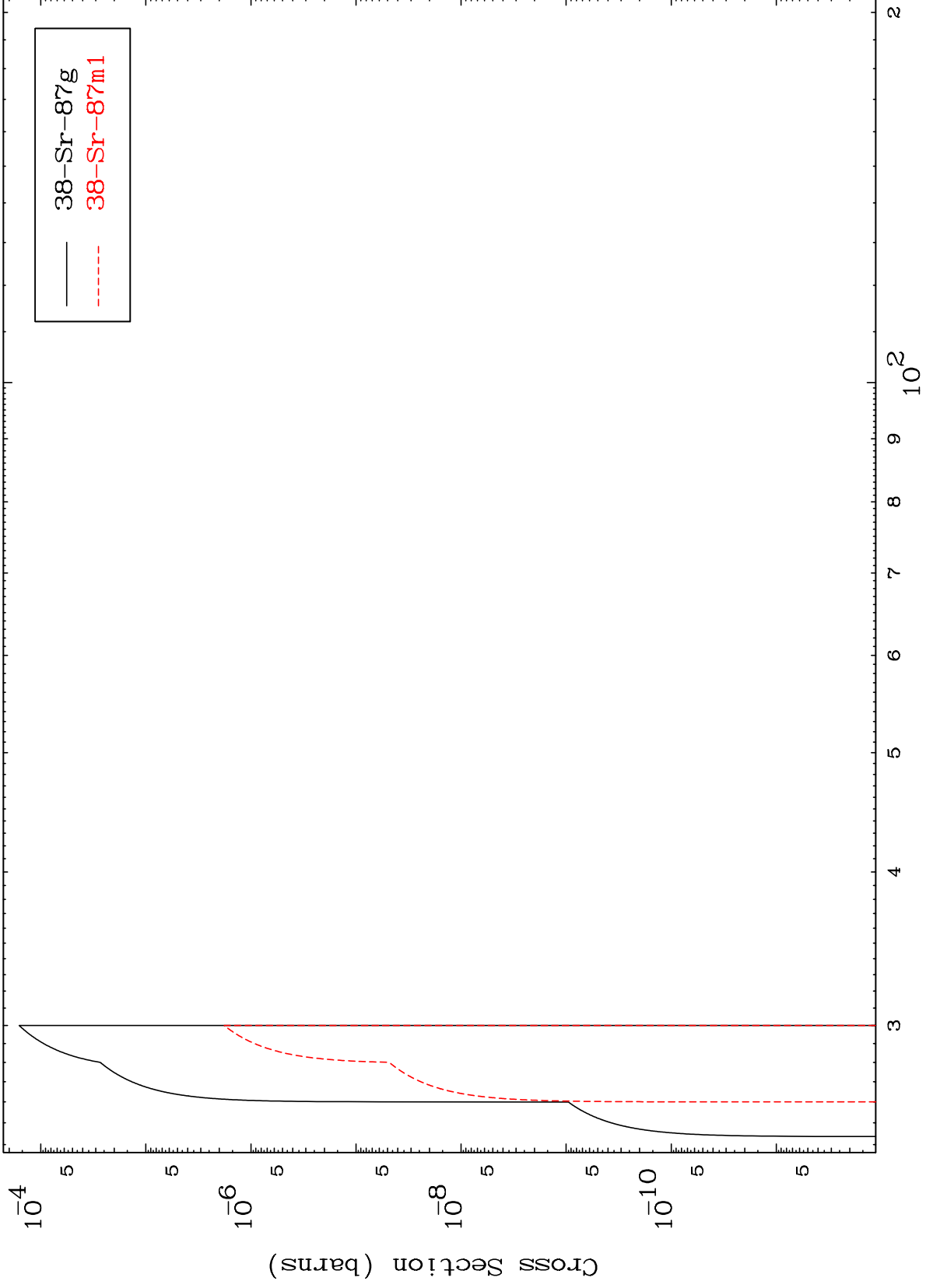
39-Y -90m

MAT 3929

(n,2n) p

39-Y -90m

Radionuclide Production Cross Section



38-Sr-87g  
38-Sr-87m1

15

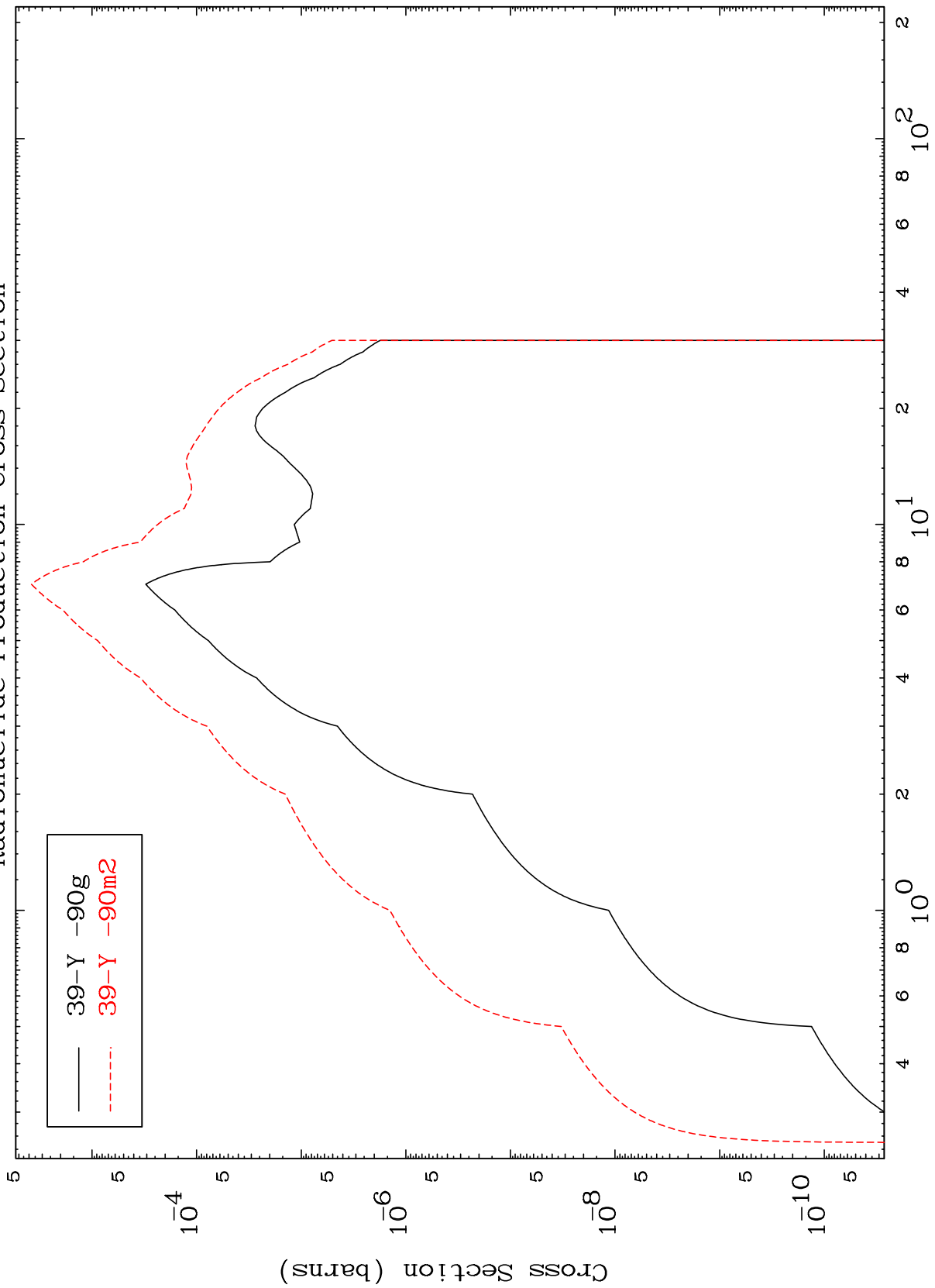
Incident Energy (MeV)

39-Y -90m

MAT 3929

39-Y -90m

(n,γ)  
Radionuclide Production Cross Section



39-Y -90g  
39-Y -90m2

39-Y -90m

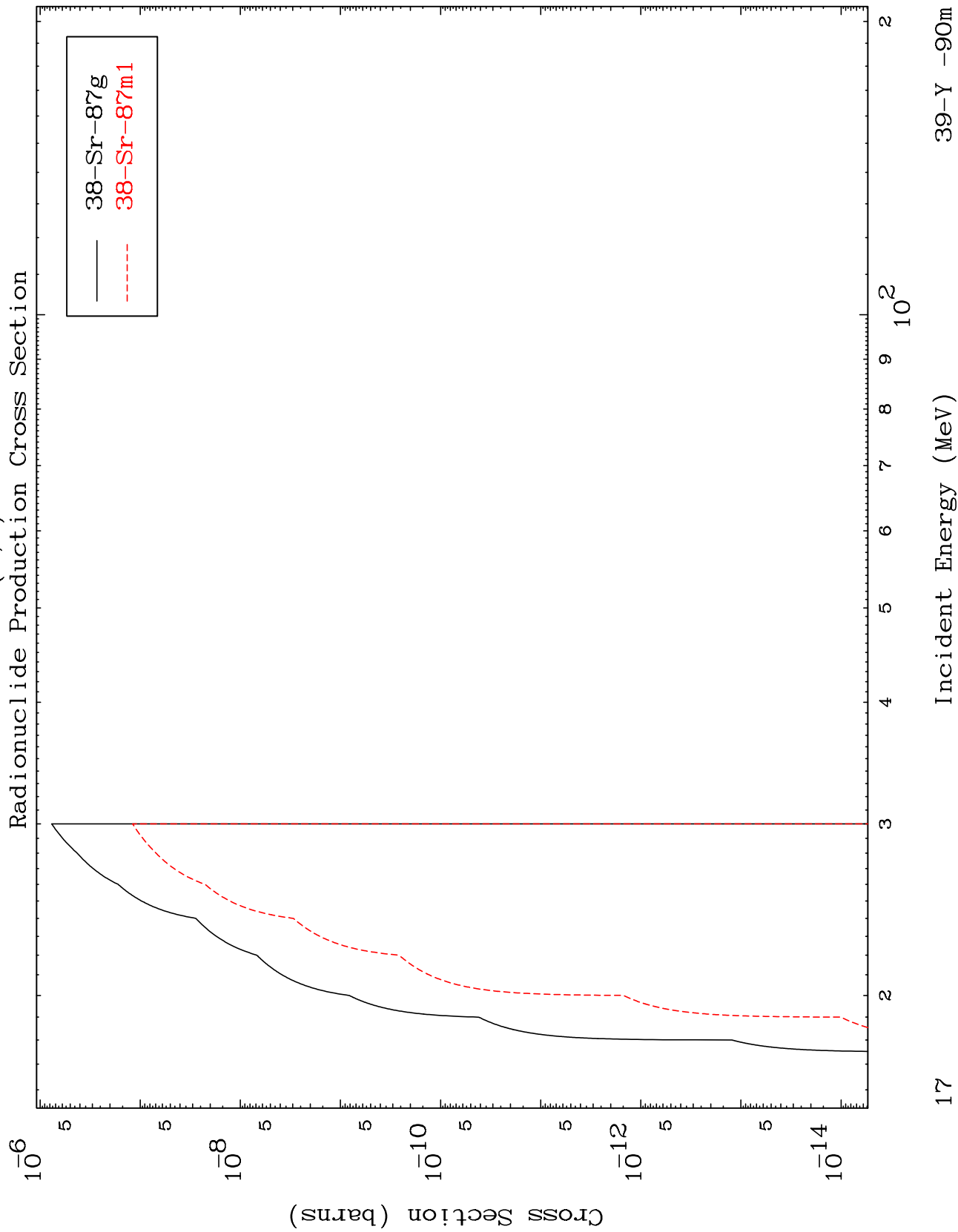
Incident Energy (MeV)

16

MAT 3929

(n, t)

39-Y -90m



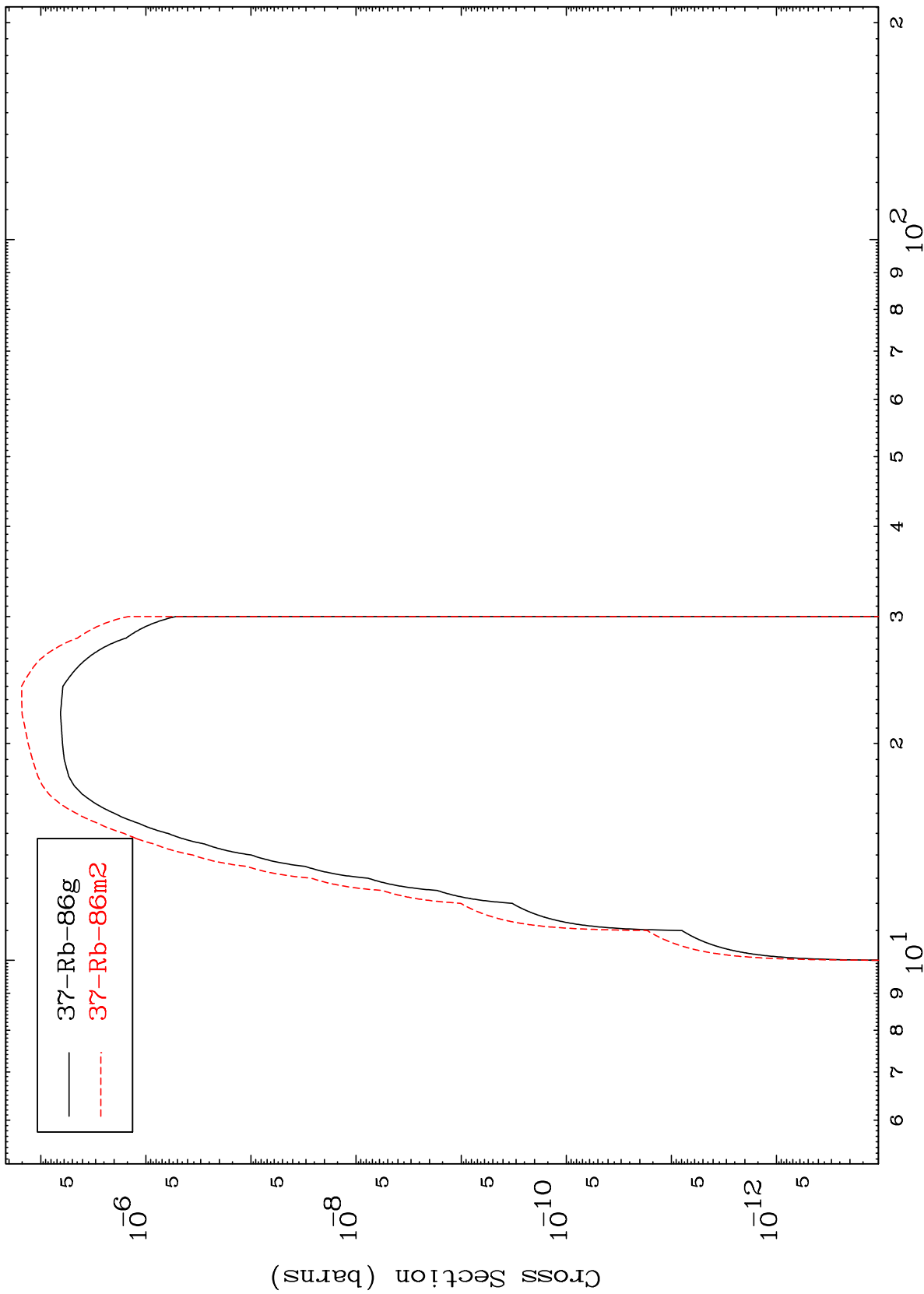
17

39-Y -90m

MAT 3929

39-Y -90m

Radionuclide Production Cross Section



18

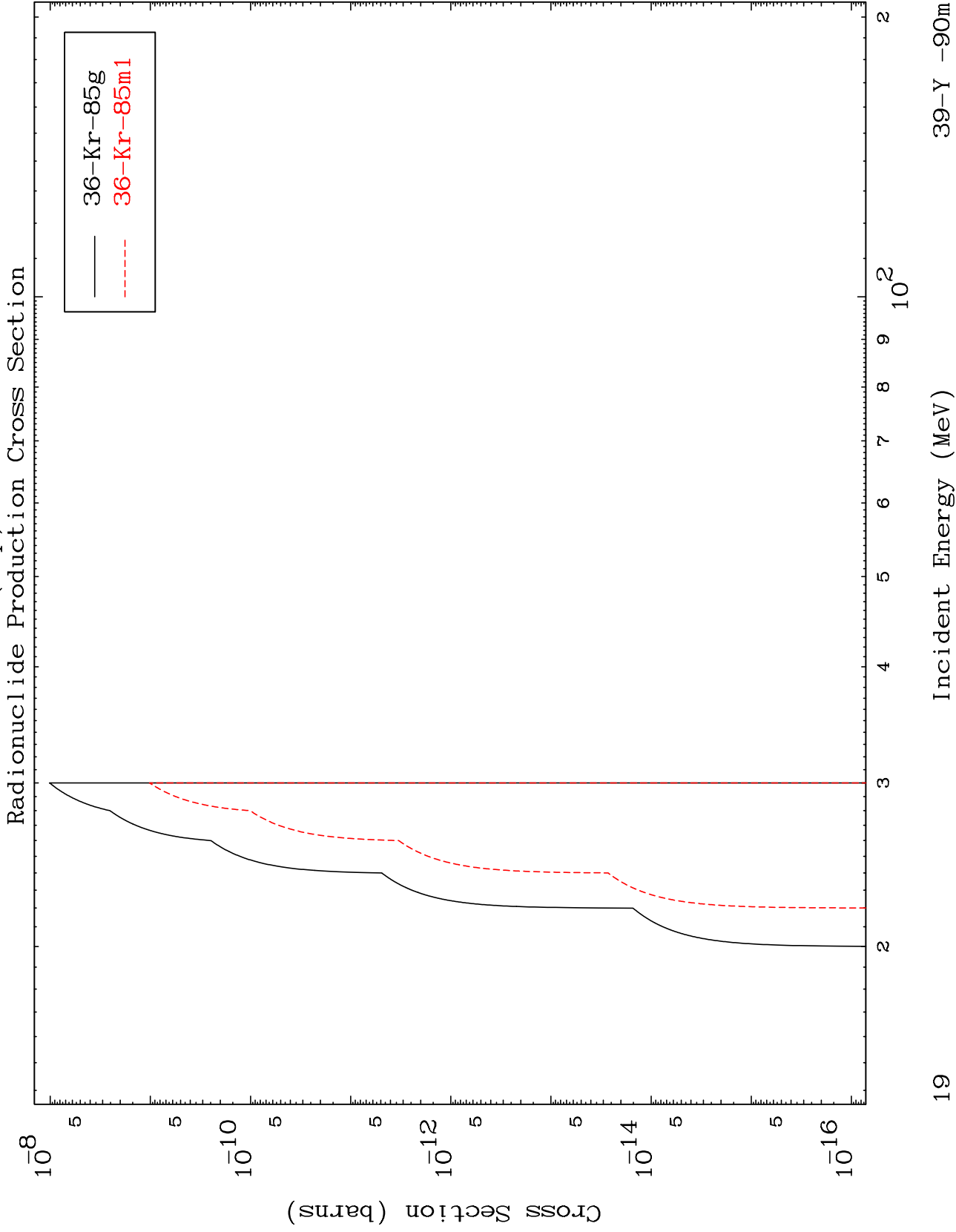
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n,p)  $\alpha$

39-Y -90m



19

39-Y -90m