

Program EVALPLOT  
(Version 2021-1)

by

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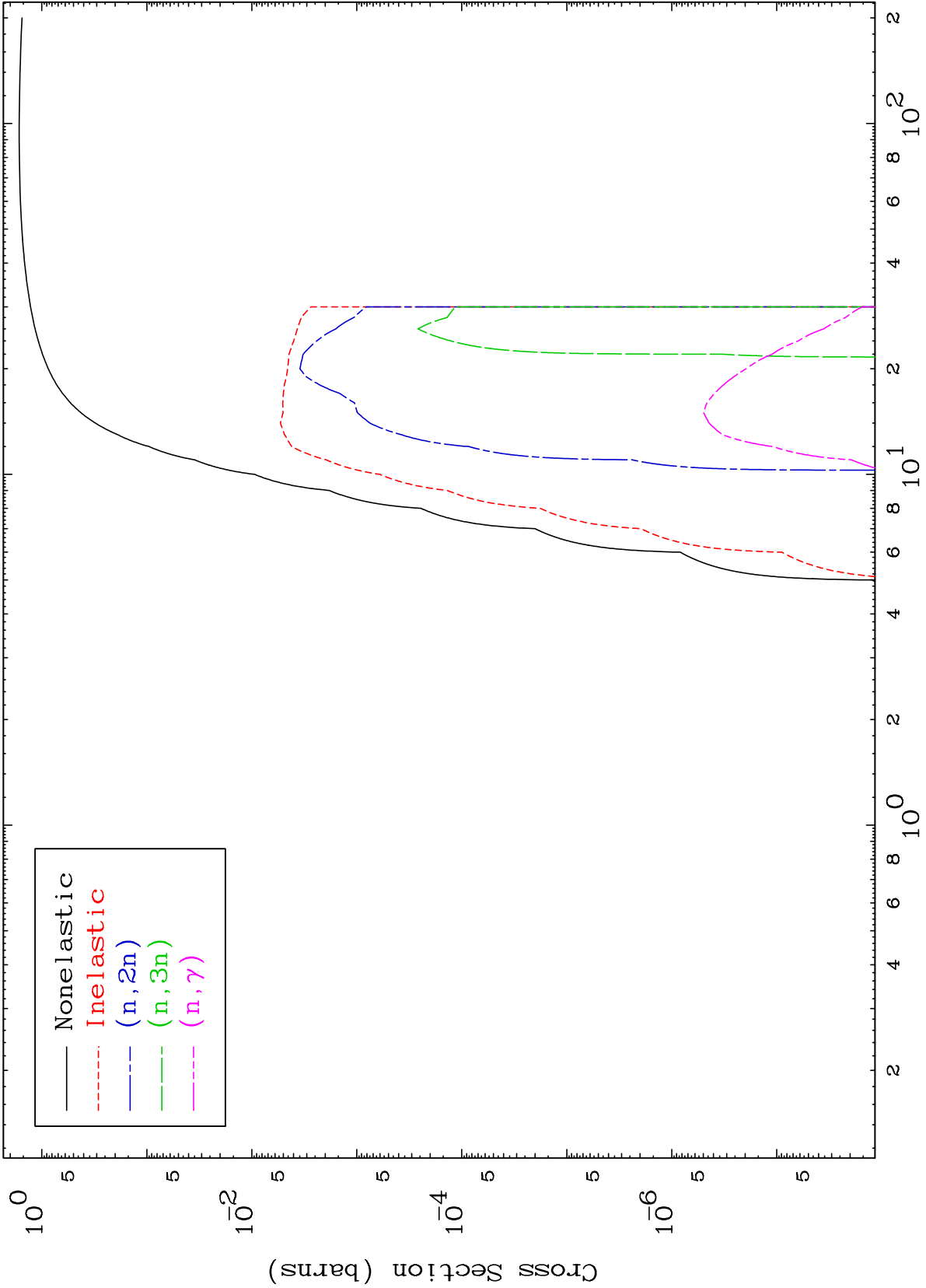
Press Mouse Button to Start

MAT 3913

He-3 Major

39-Y -85

0 Kelvin Cross Sections

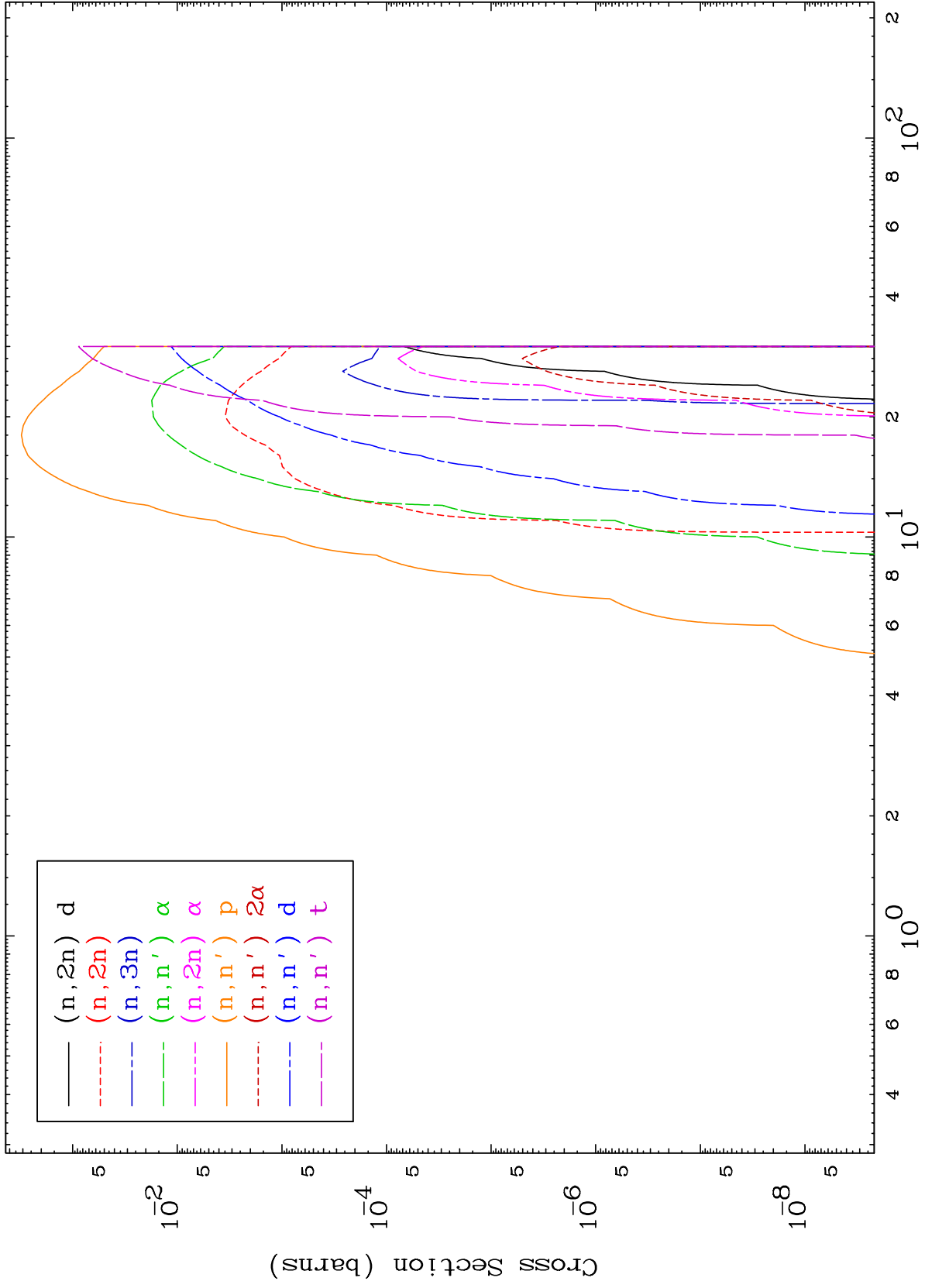


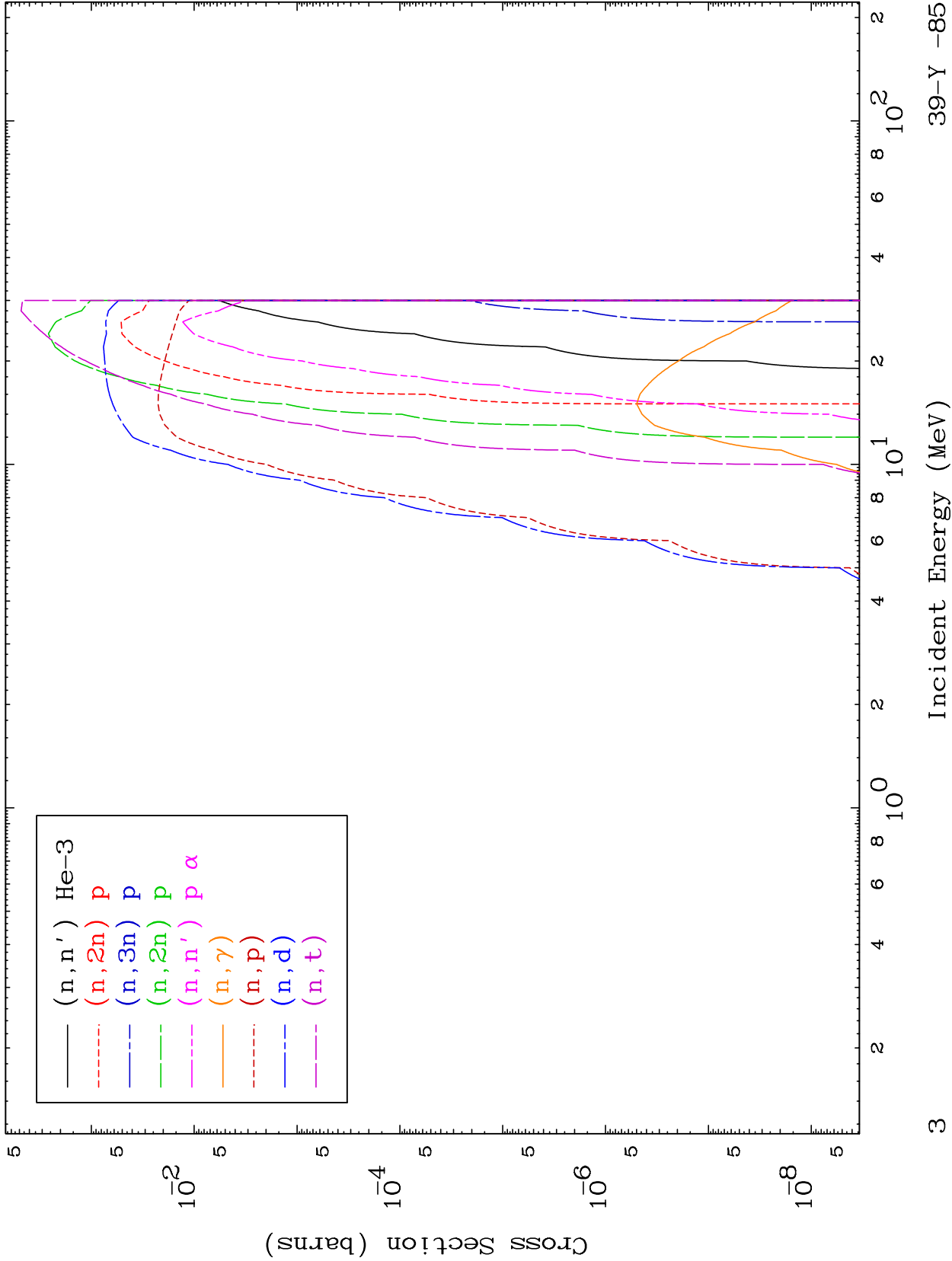
Legend:  
— Nonelastic  
- - - Inelastic  
- · - (n,2n)  
- - - (n,3n)  
- - - (n, $\gamma$ )

MAT 3913

He-3 Neutron Absorption  
0 Kelvin Cross Sections

39-Y -85

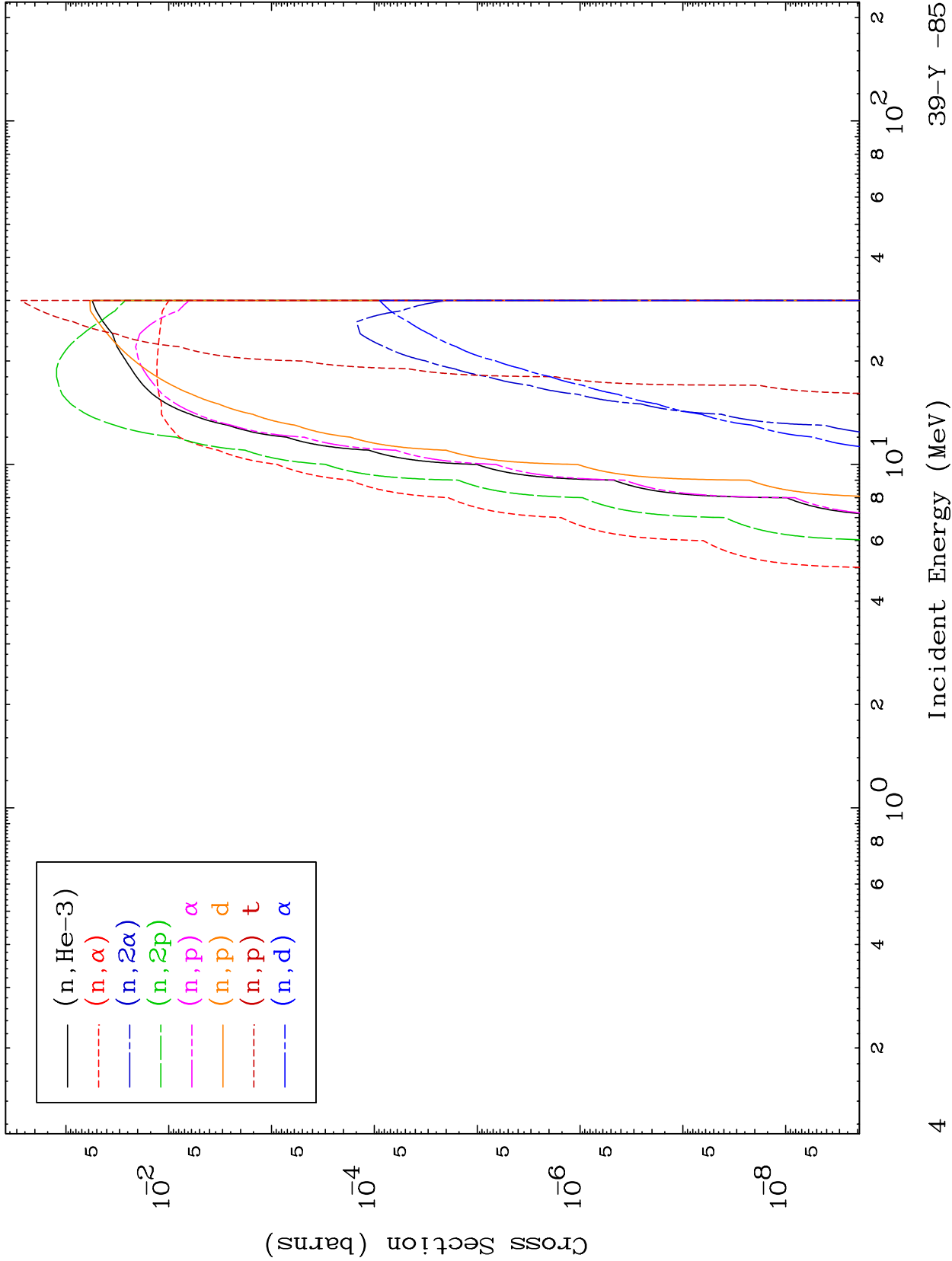


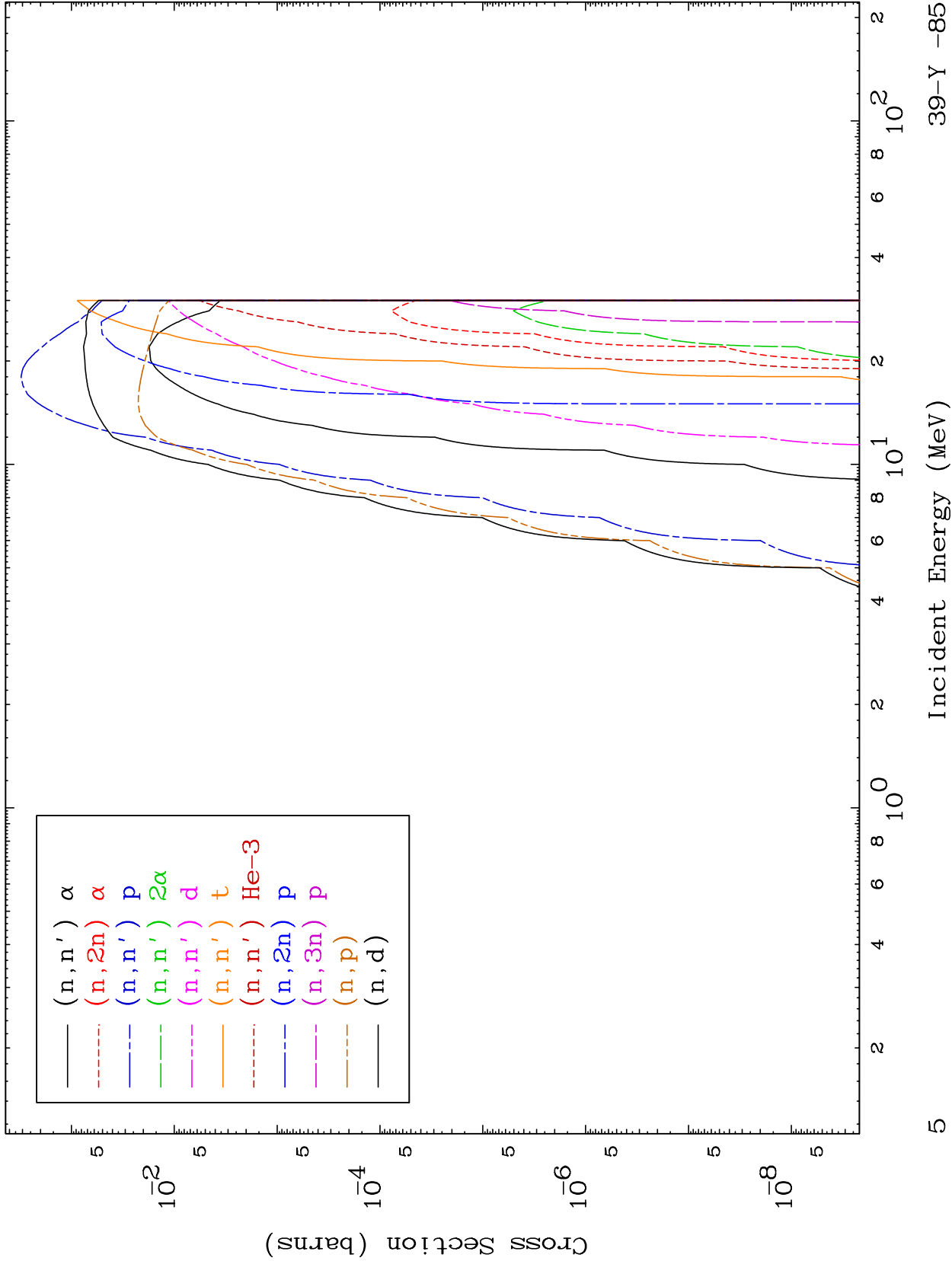


MAT 3913

He-3 Neutron Absorption  
0 Kelvin Cross Sections

39-Y -85

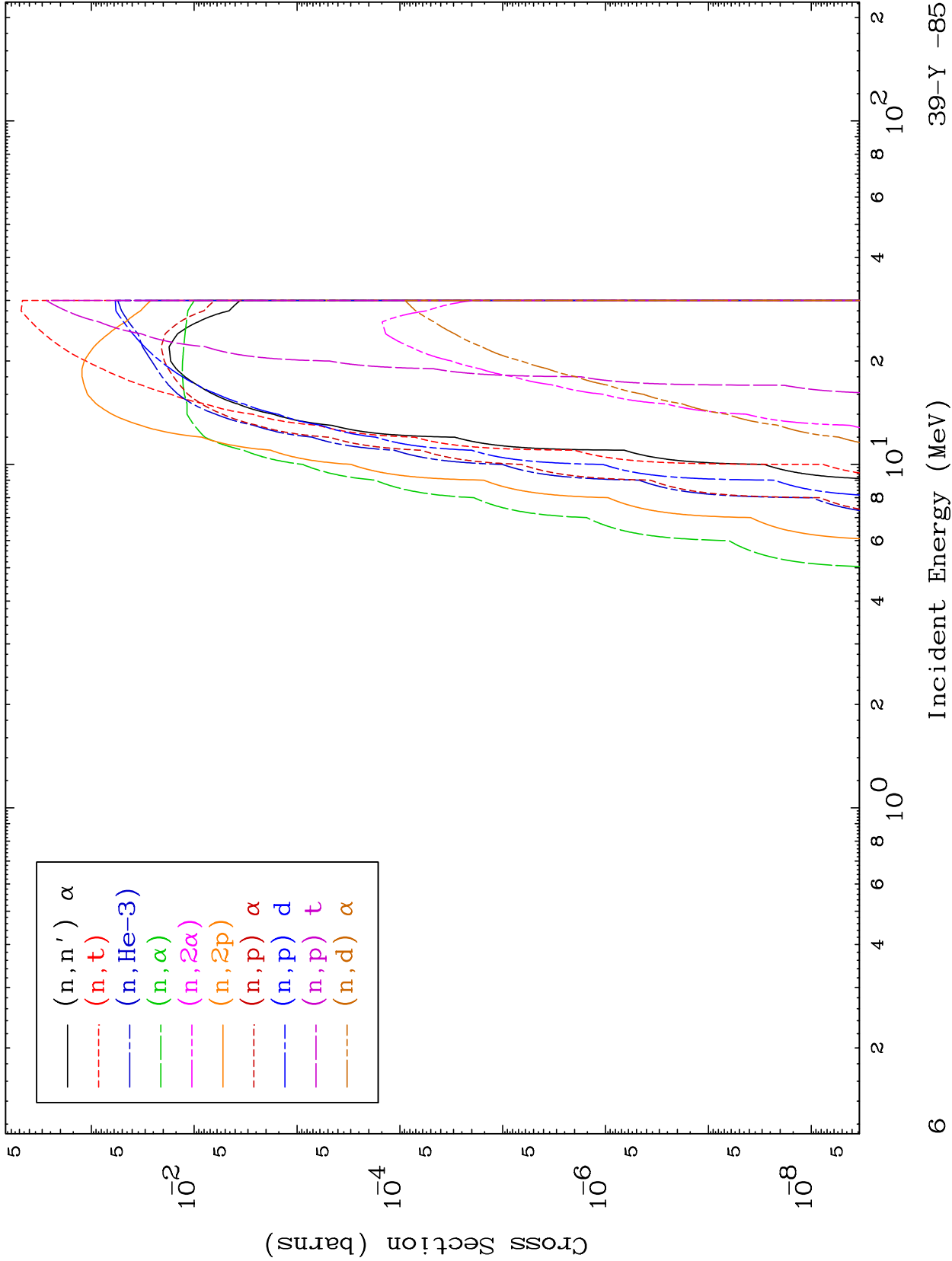




MAT 3913

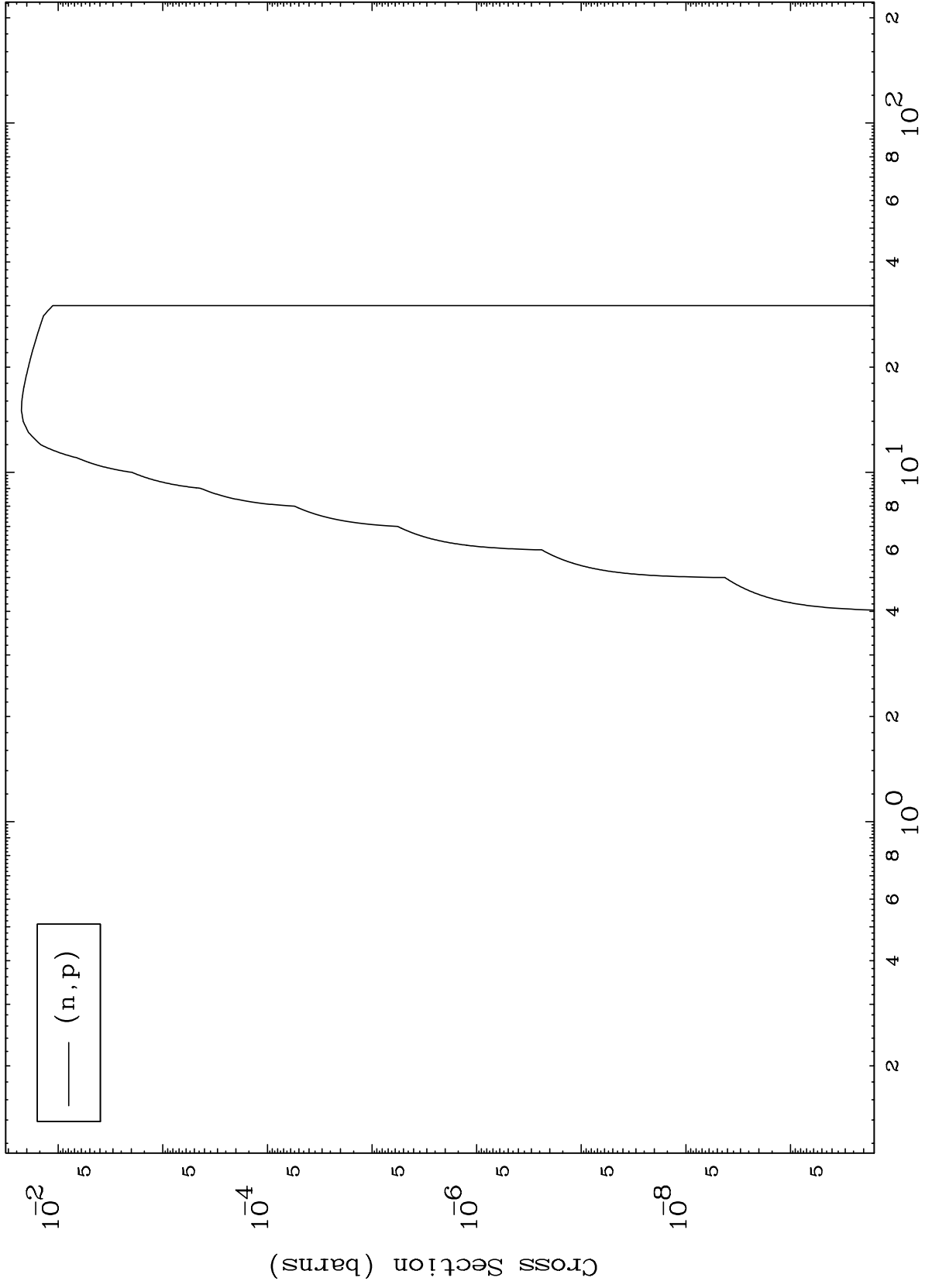
He-3 Charged Particle  
0 Kelvin Cross Sections

39-Y -85



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39-Y -85

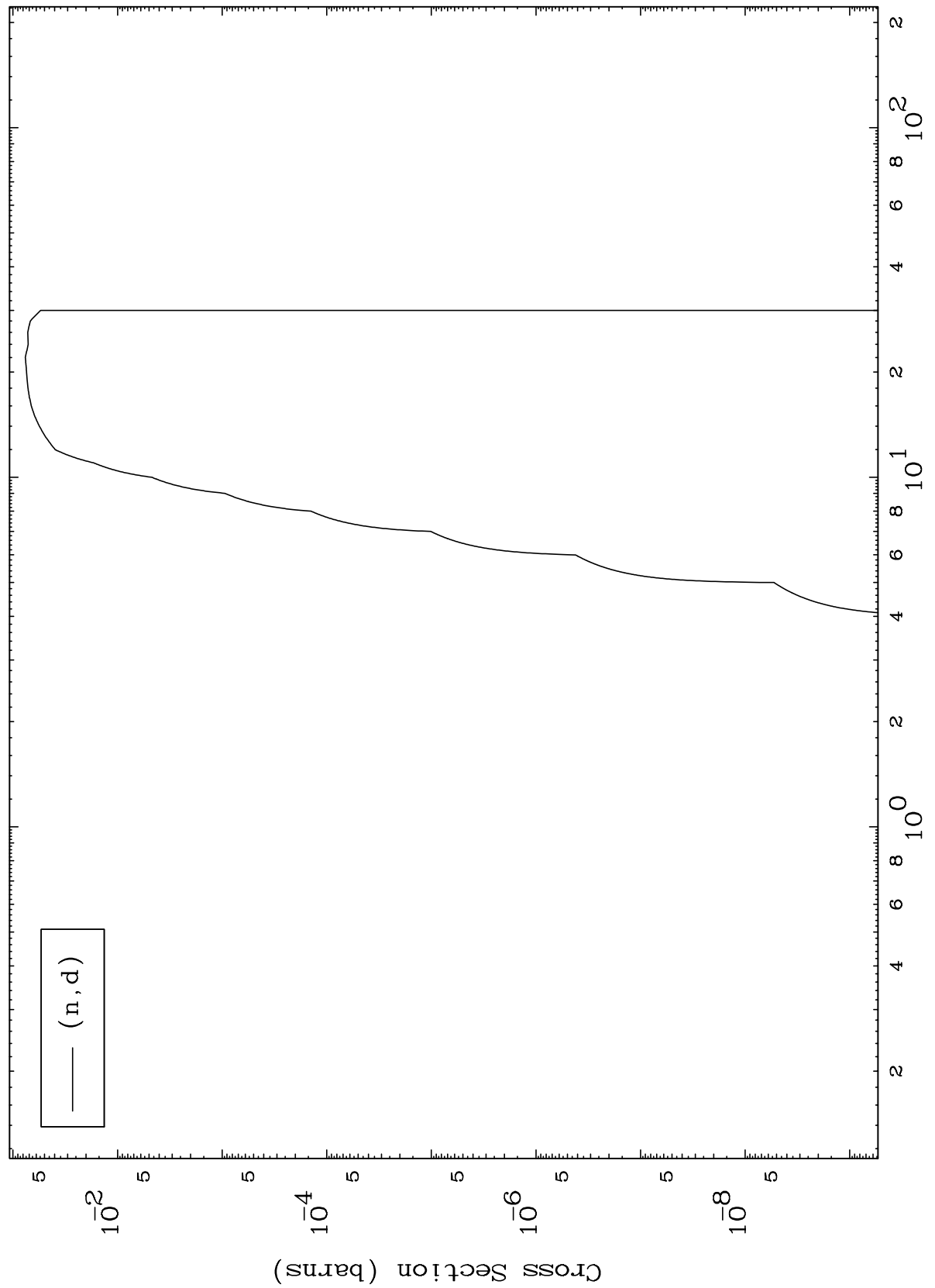


MAT 3913

(He-3,d) Levels

39-Y -85

0 Kelvin Cross Sections



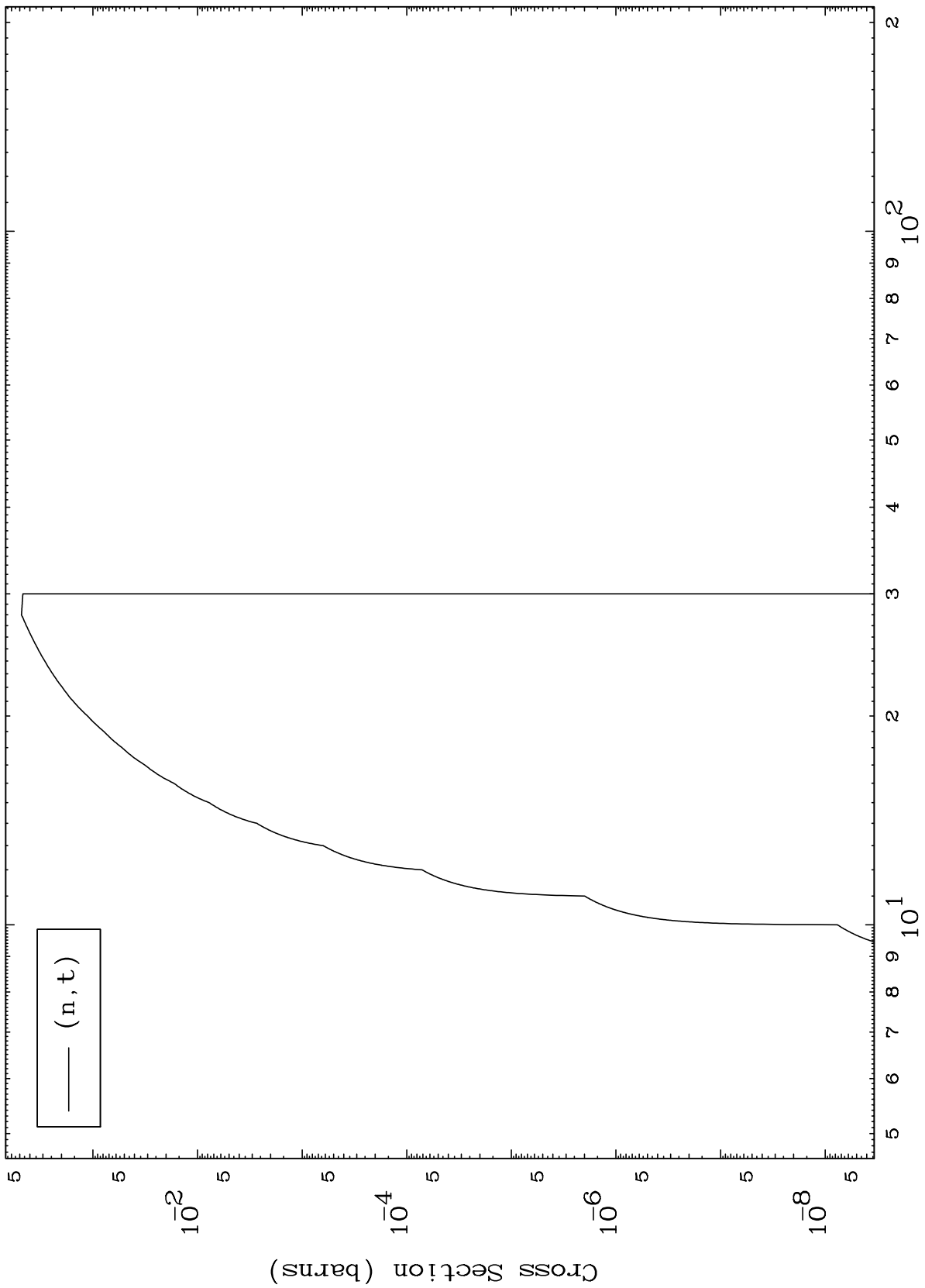
(n,d)

MAT 3913

(He-3,t) Levels

39-Y -85

0 Kelvin Cross Sections



9

Incident Energy (MeV)

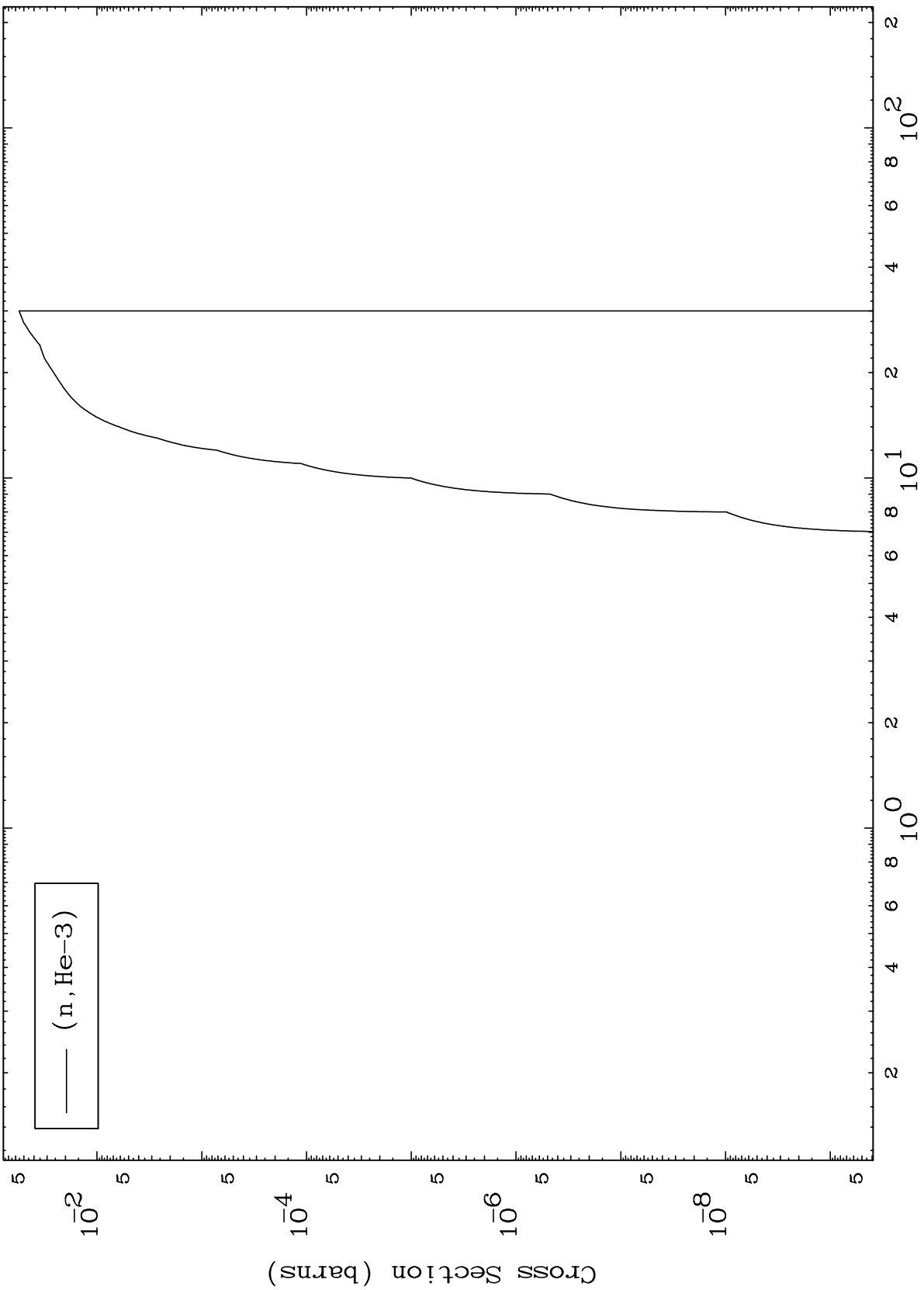
39-Y -85

MAT 3913

(He-3, He3) Levels

39-Y -85

0 Kelvin Cross Sections



10

Incident Energy (MeV)

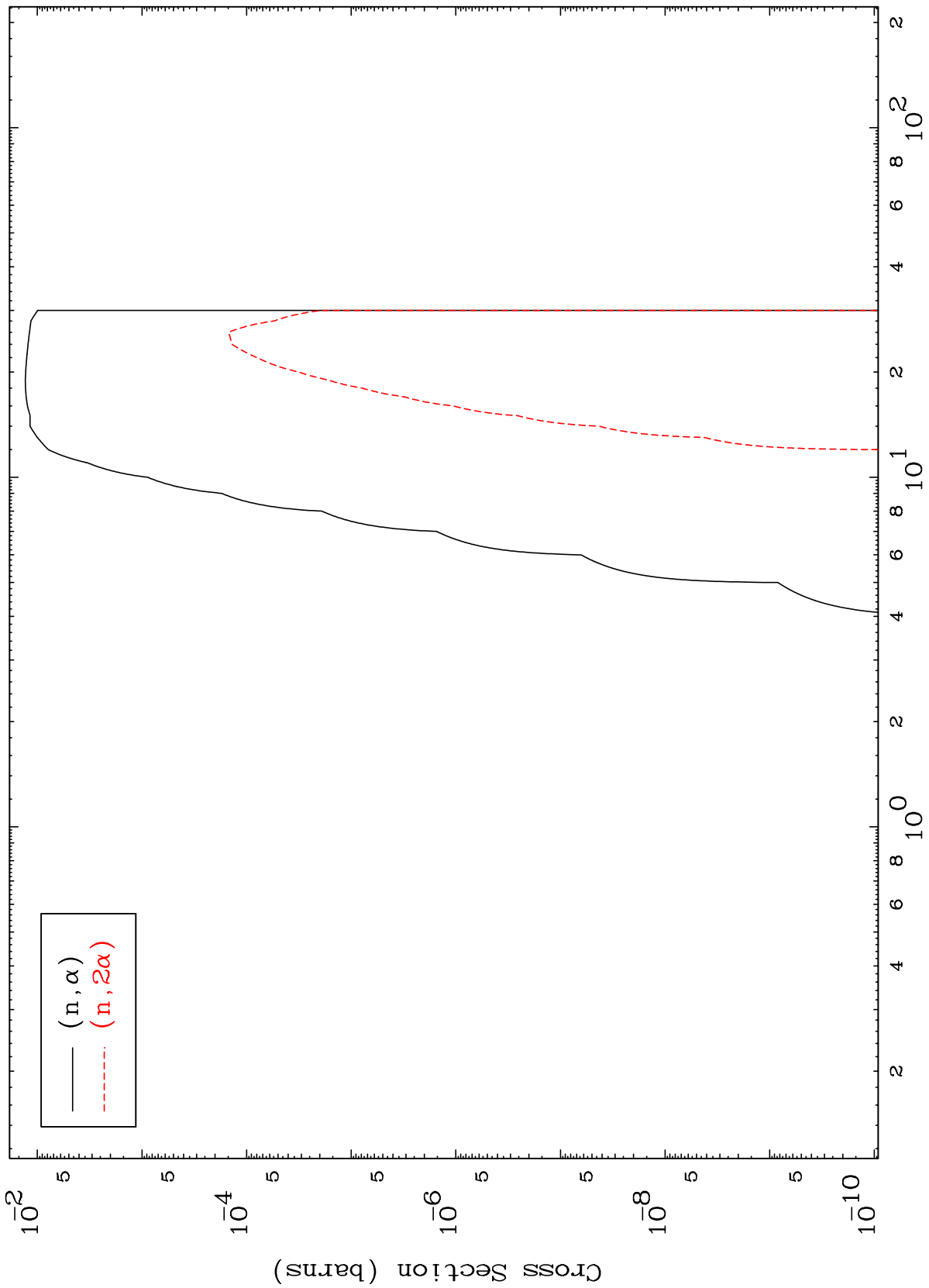
39-Y -85

MAT 3913

(He-3,  $\alpha$ ) Levels

39-Y -85

0 Kelvin Cross Sections

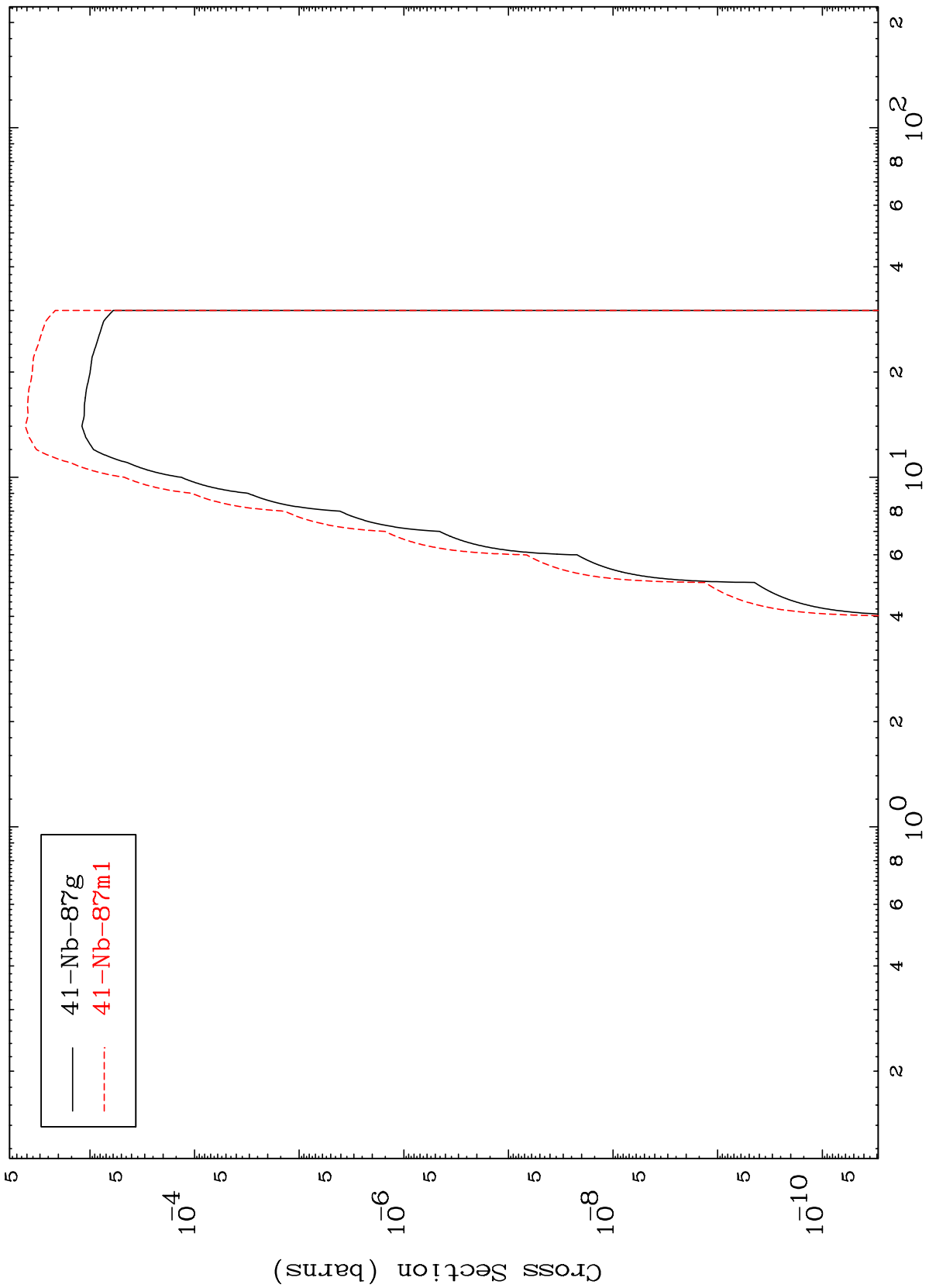


—  $(n, \alpha)$   
- - -  $(n, 2\alpha)$

MAT 3913

39-Y -85

Inelastic  
Radionuclide Production Cross Section



— 41-Nb-87g  
- - - 41-Nb-87m1

12

39-Y -85

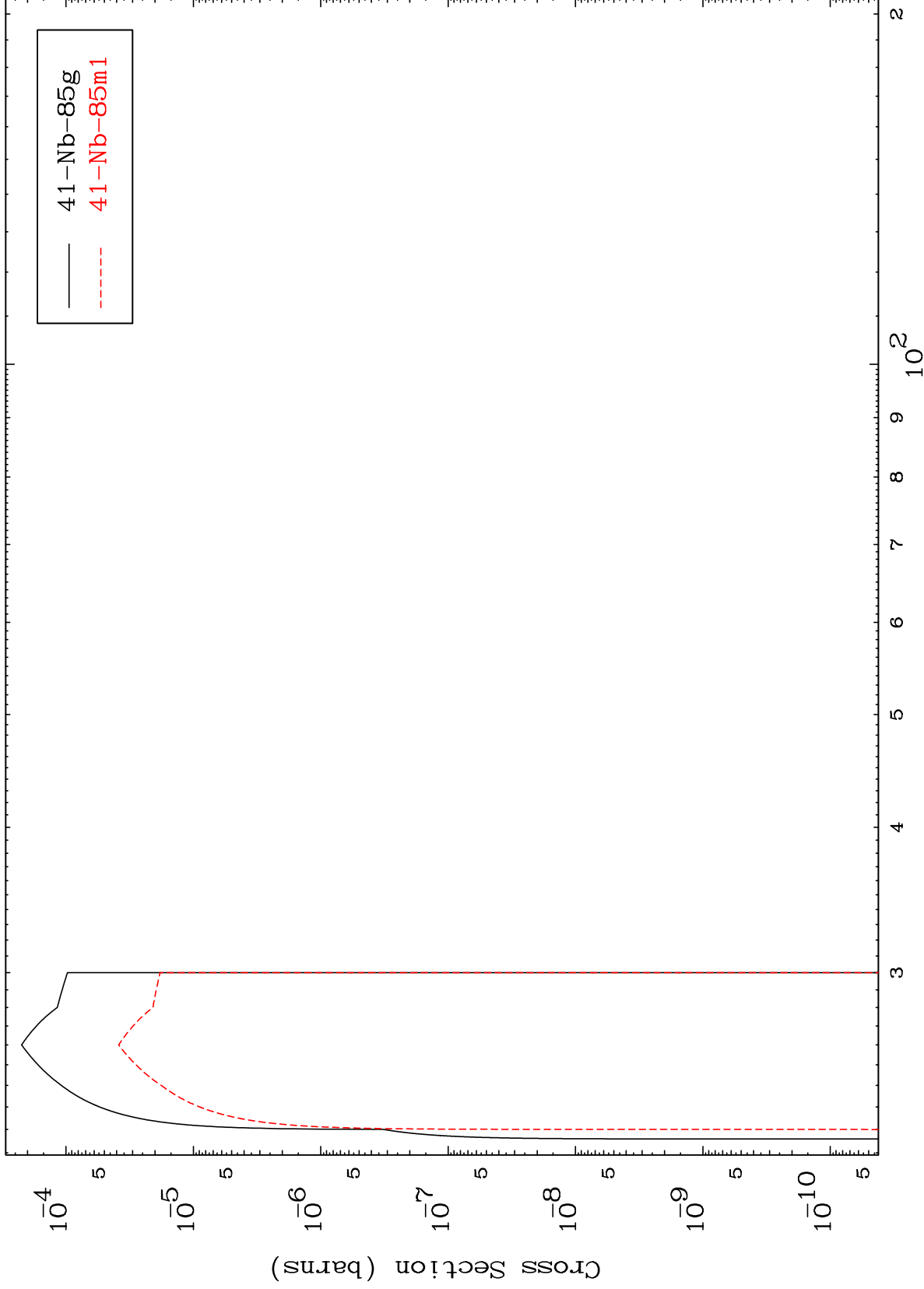
Incident Energy (MeV)

MAT 3913

(n,3n)

39-Y -85

Radionuclide Production Cross Section



13

Incident Energy (MeV)

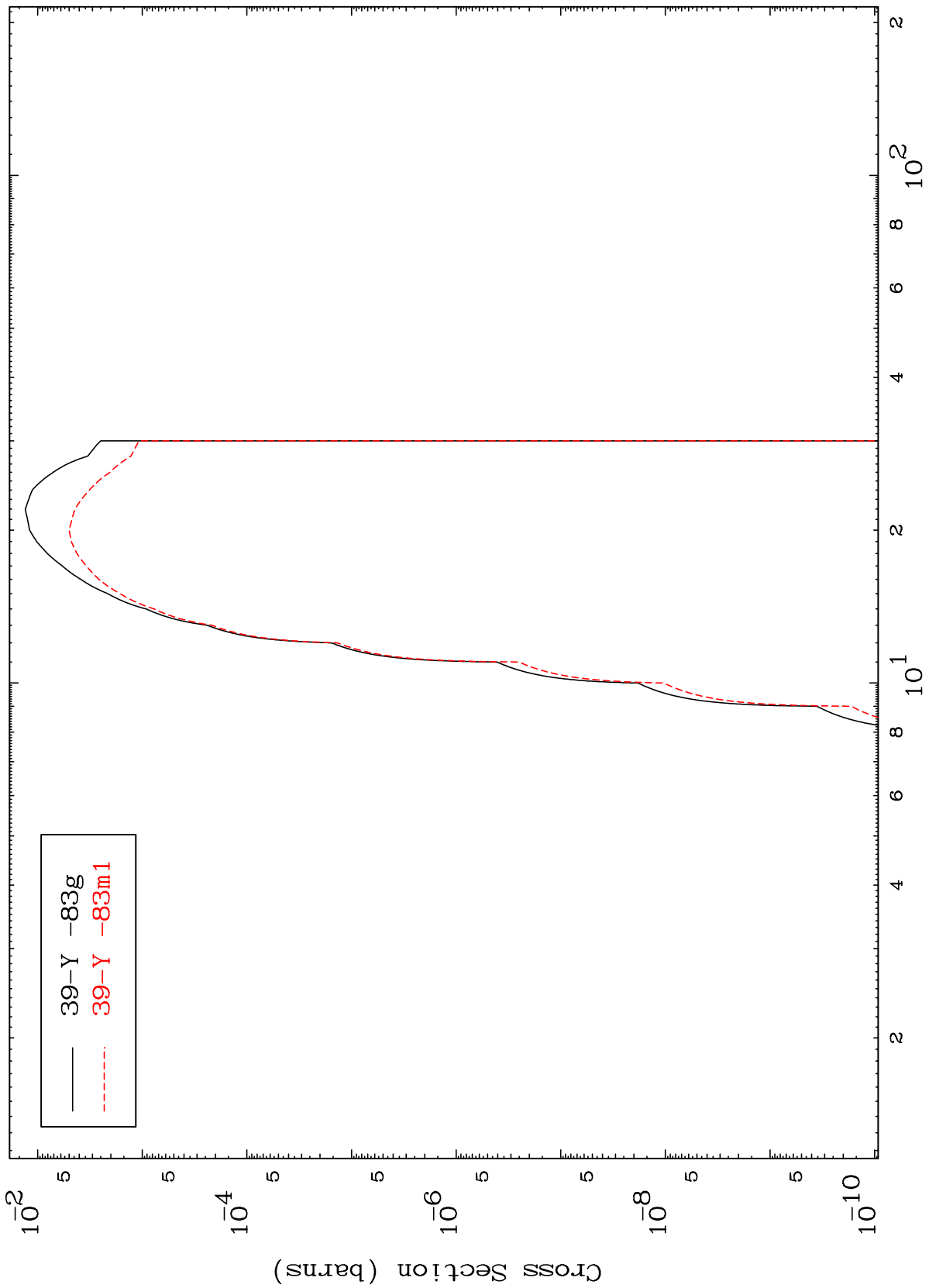
39-Y -85

MAT 3913

$(n, n') \alpha$

39-Y -85

Radionuclide Production Cross Section



14

Incident Energy (MeV)

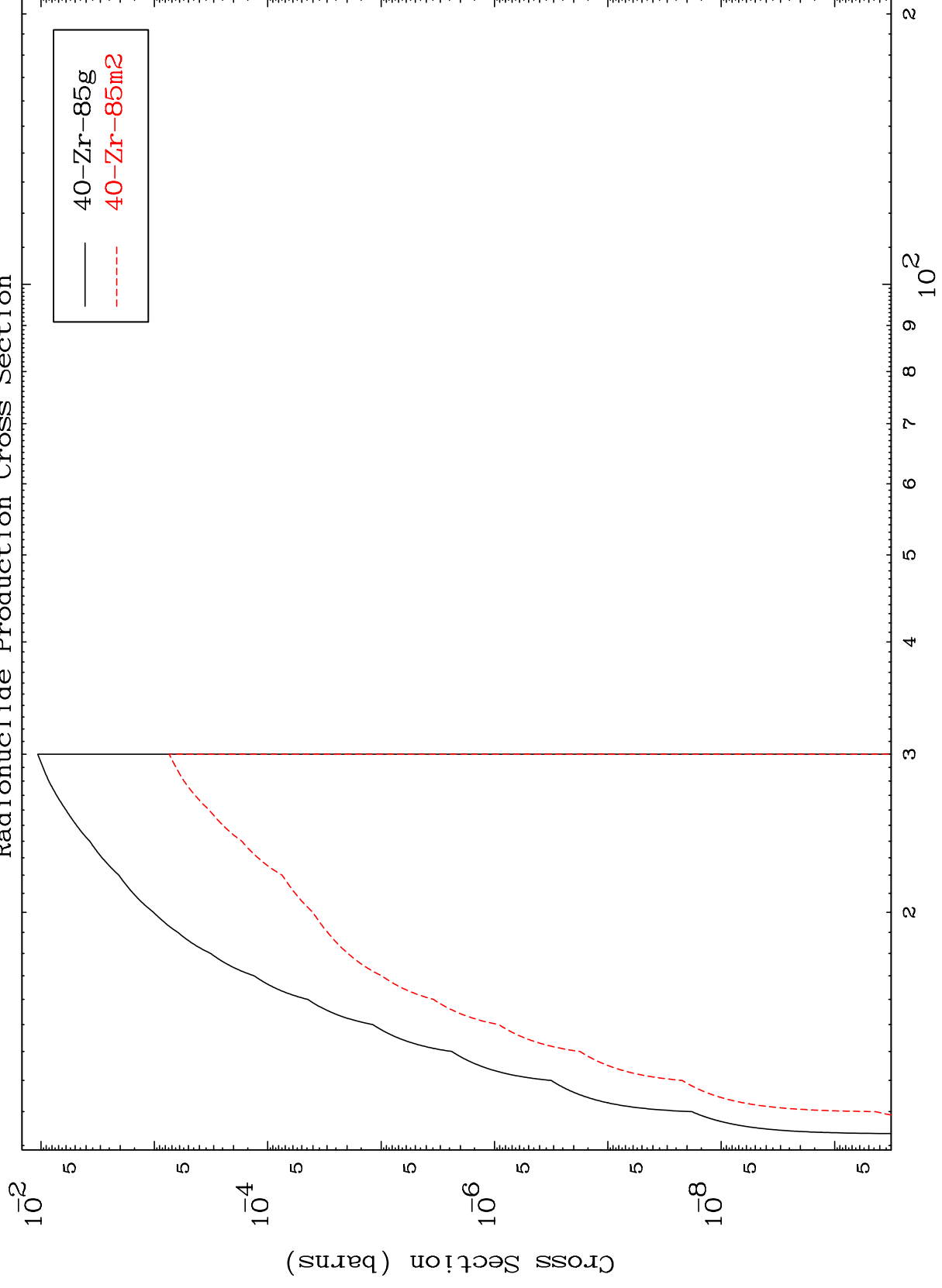
39-Y -85

MAT 3913

(n,n') d

39-Y -85

Radionuclide Production Cross Section

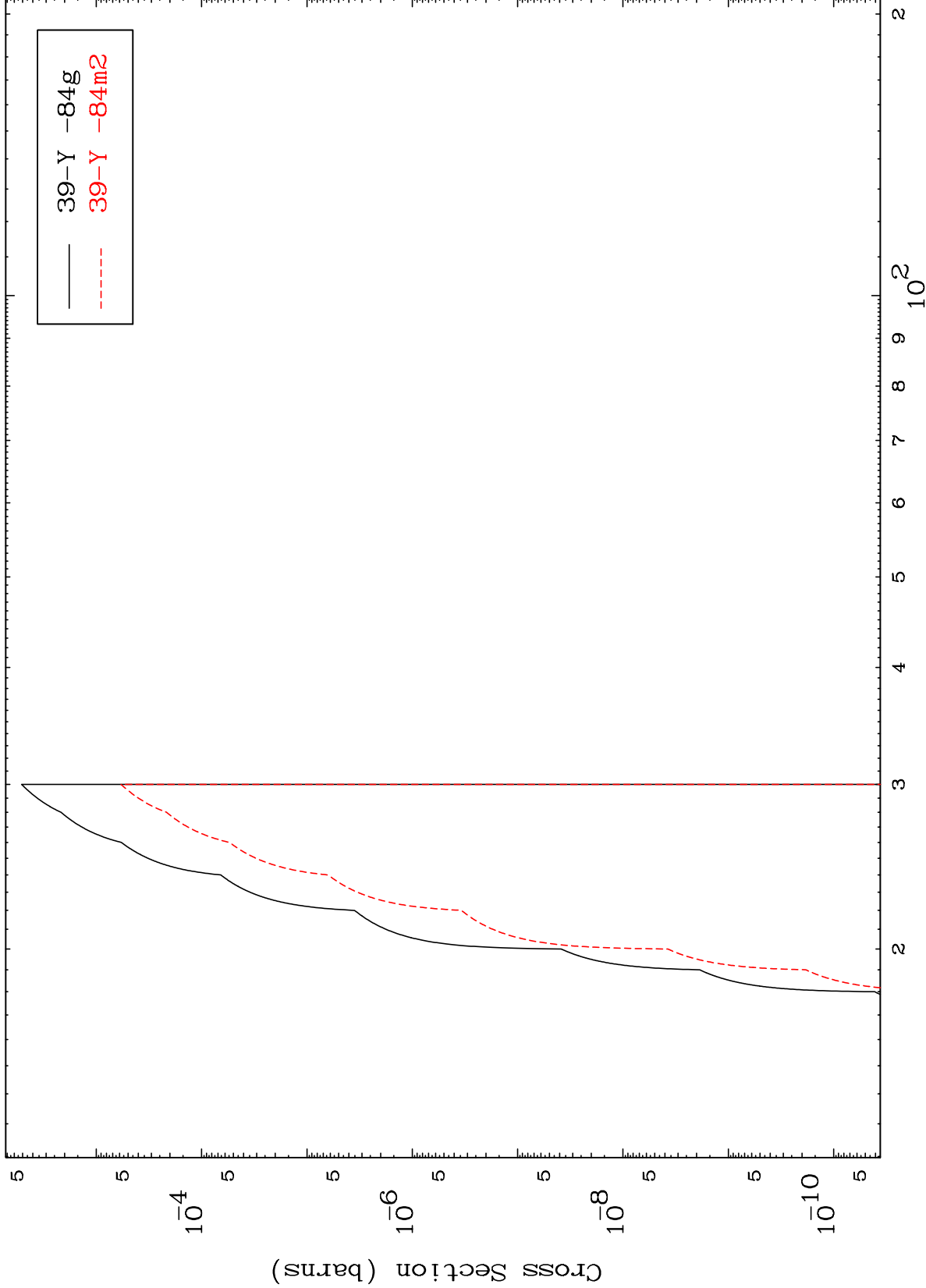


15

Incident Energy (MeV)

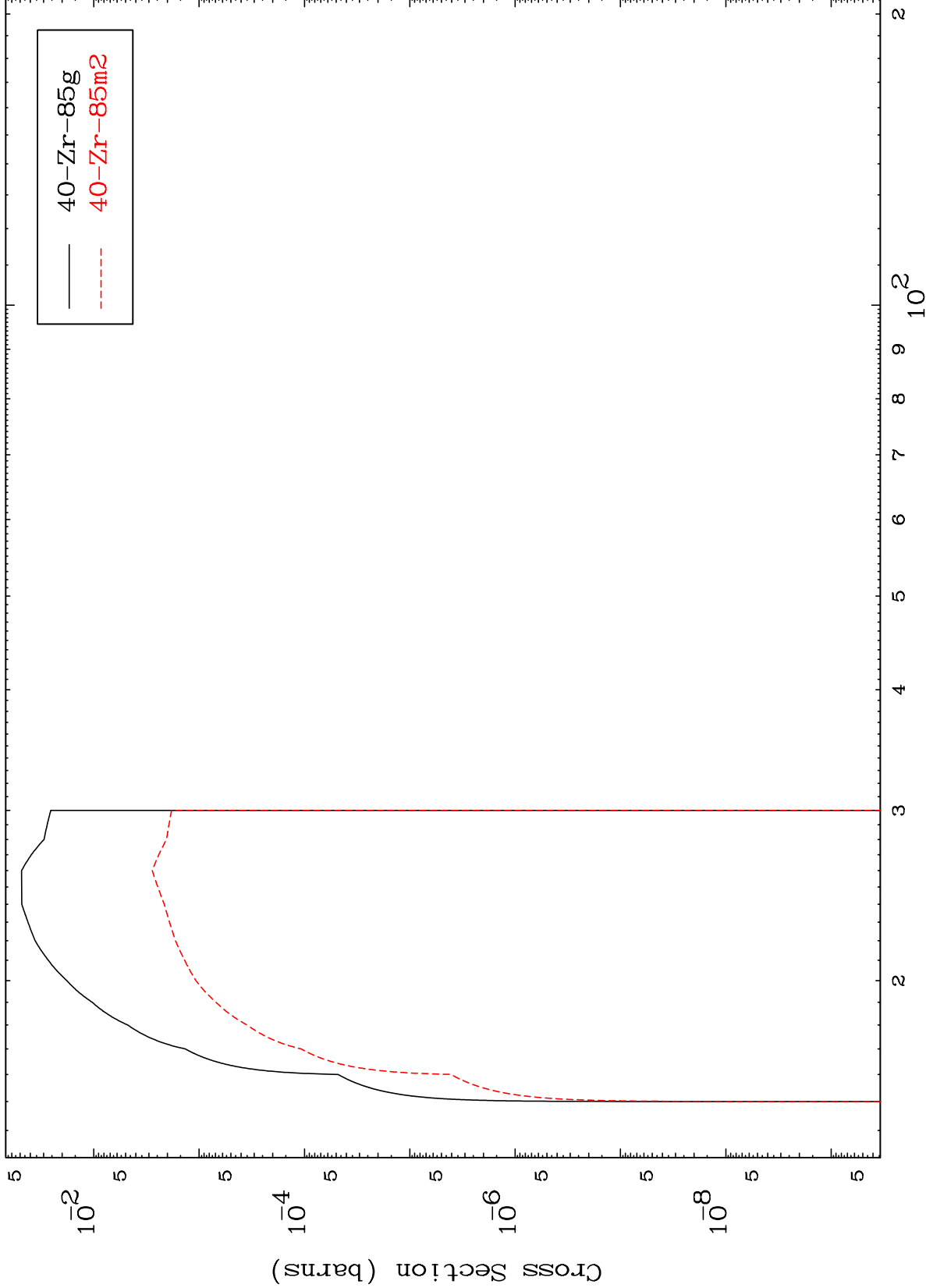
39-Y -85

Radionuclide Production Cross Section



39-Y -84g  
39-Y -84m2

Radionuclide Production Cross Section

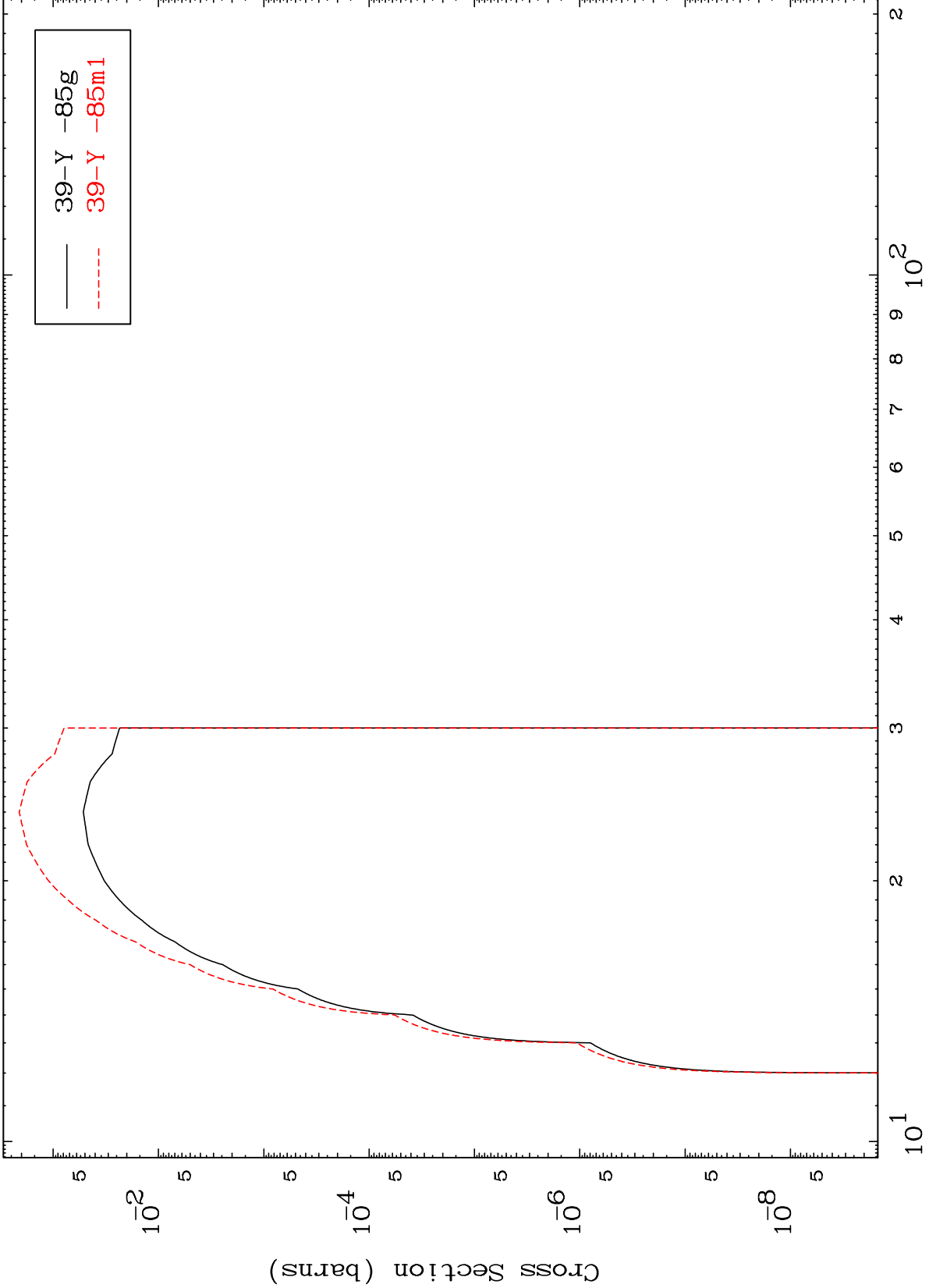


MAT 3913

(n,2n) p

39-Y -85

Radionuclide Production Cross Section



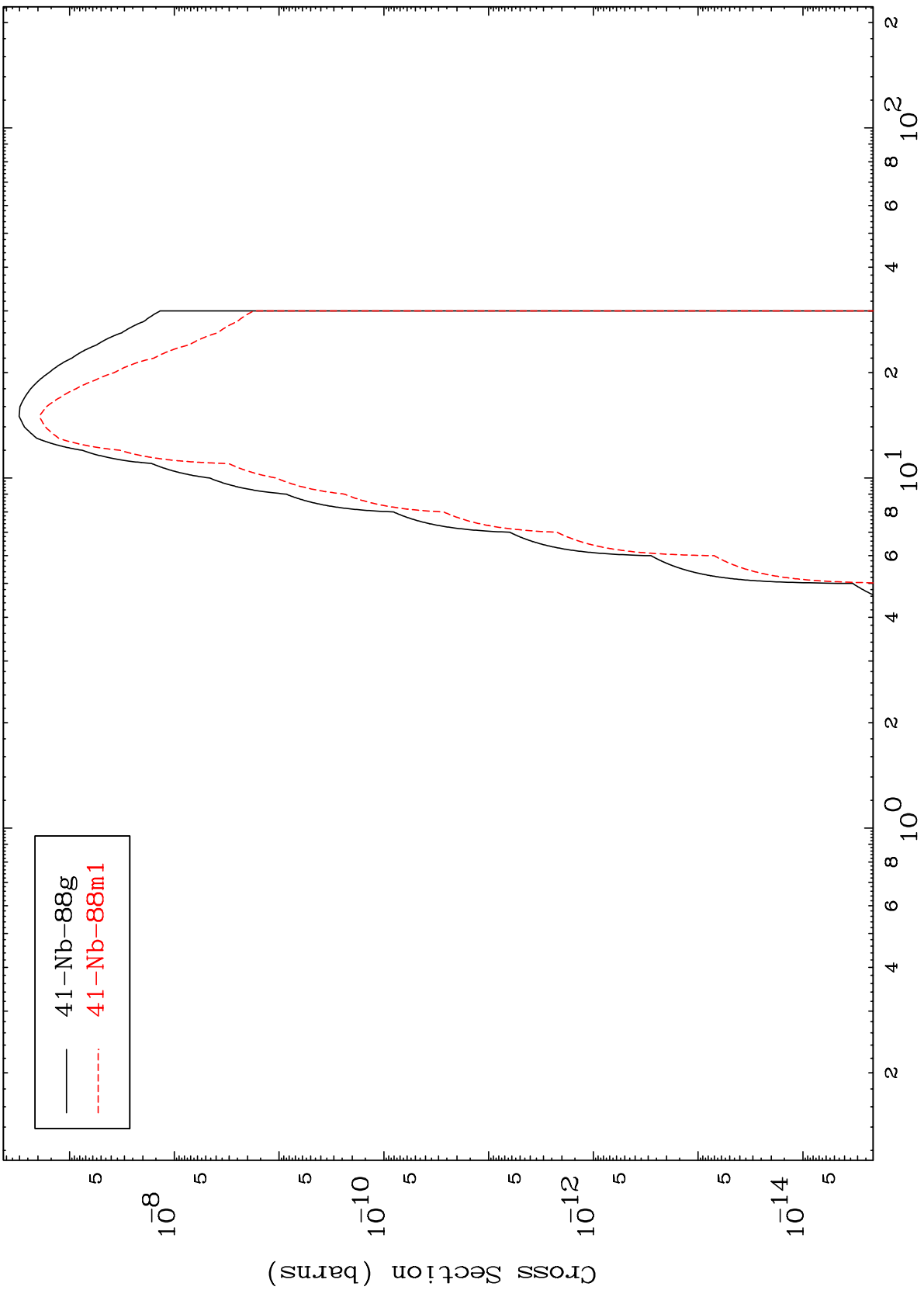
Incident Energy (MeV)

39-Y -85

MAT 3913

39-Y -85

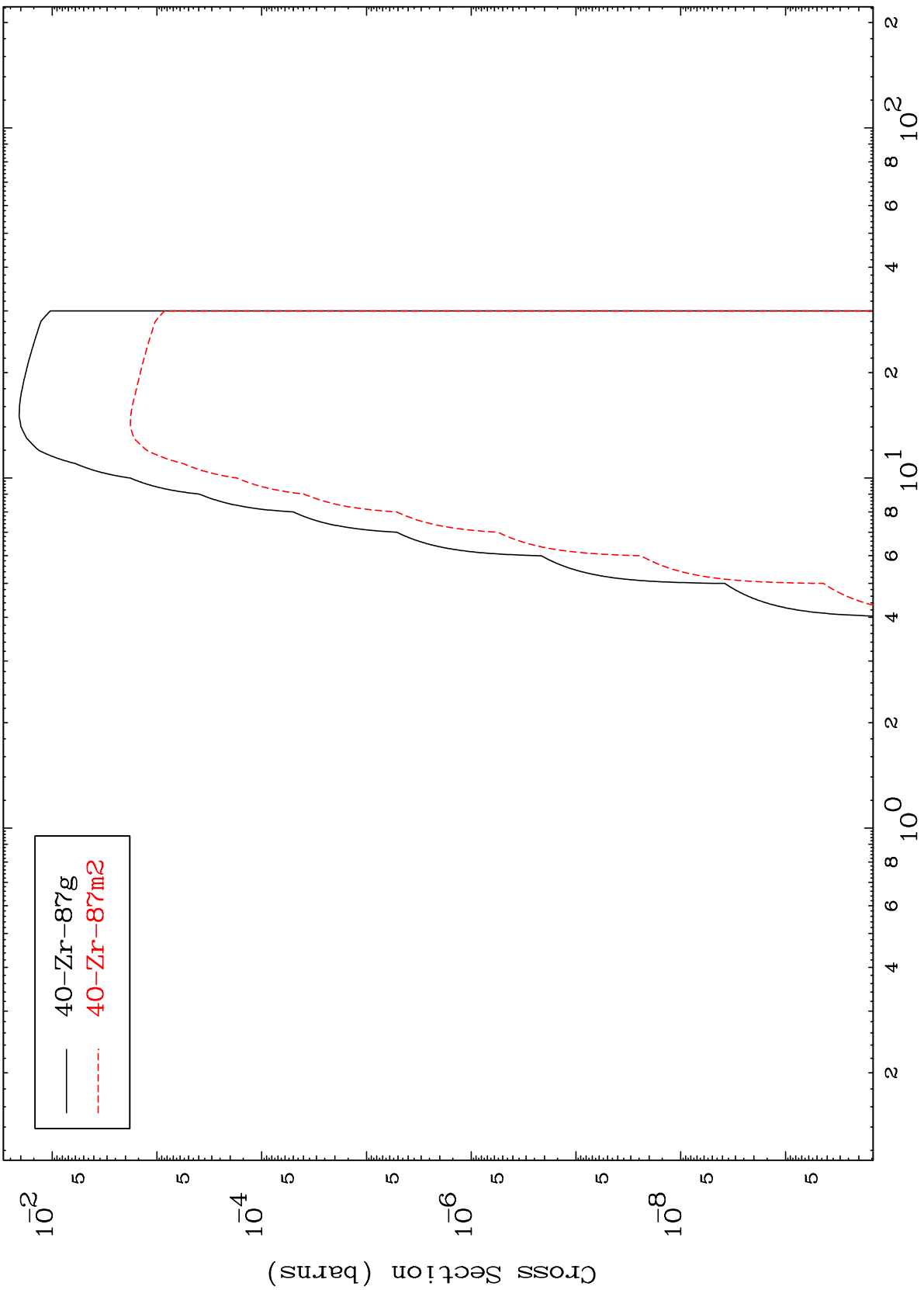
Radionuclide Production Cross Section  
(n,  $\gamma$ )



MAT 3913

39-Y -85

(n,p)  
Radionuclide Production Cross Section



— 40-Zr-87g  
- - - 40-Zr-87m2

20

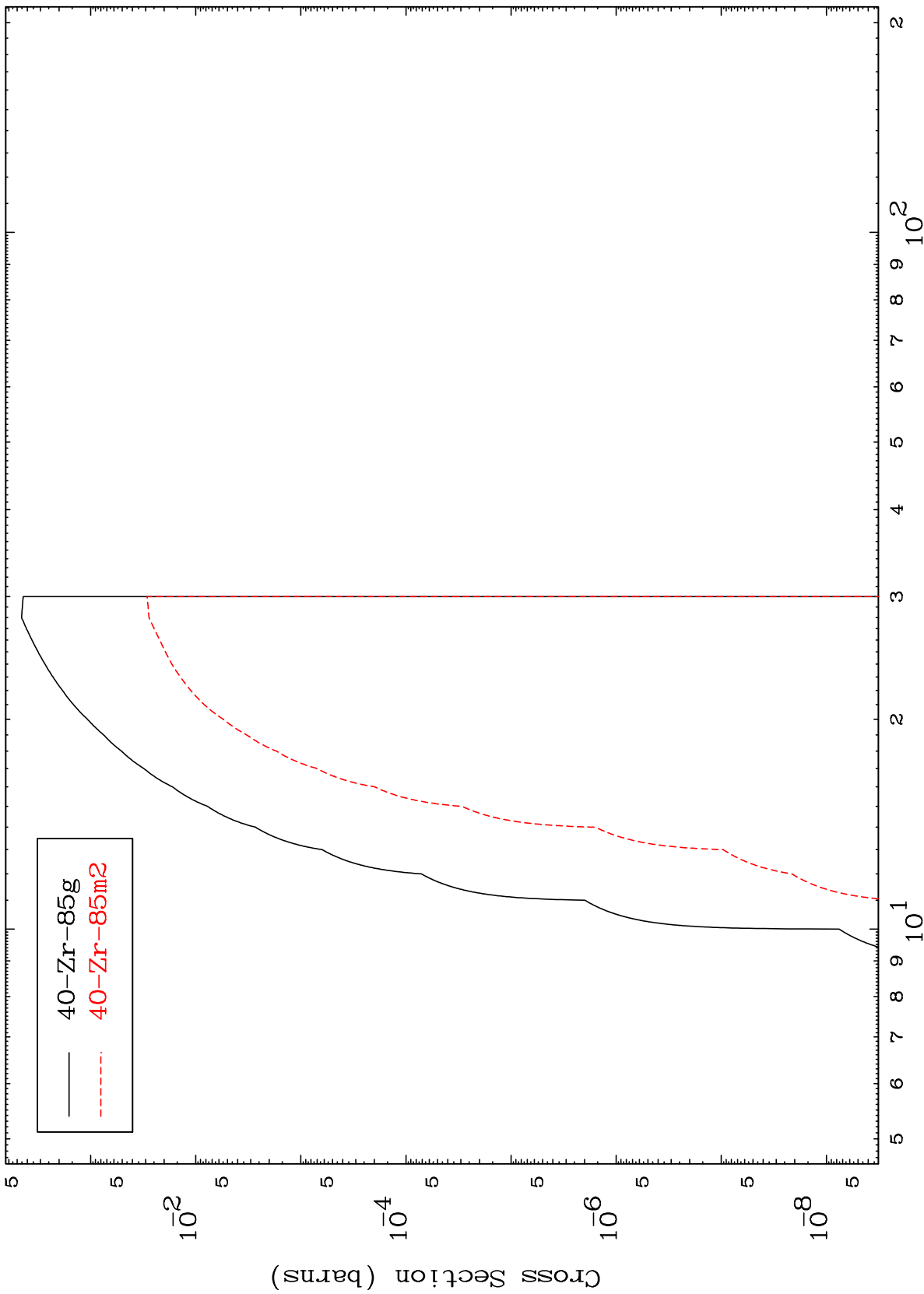
Incident Energy (MeV)

39-Y -85

MAT 3913

39-Y -85

Radionuclide Production Cross Section  
(n, t)



— 40-Zr-85g  
- - - 40-Zr-85m2

21

Incident Energy (MeV)

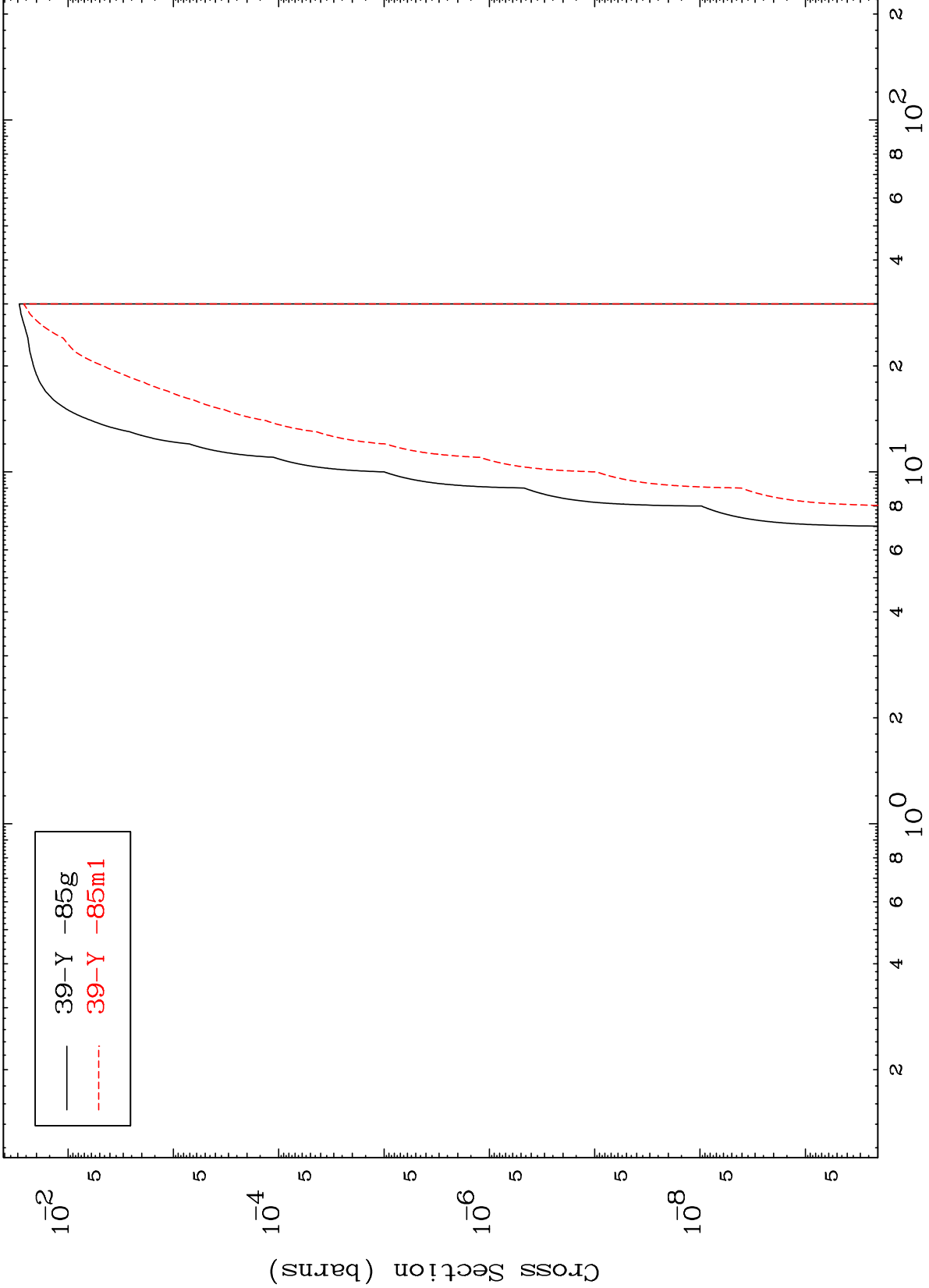
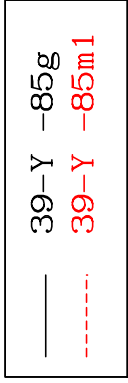
39-Y -85

MAT 3913

(n,He-3)

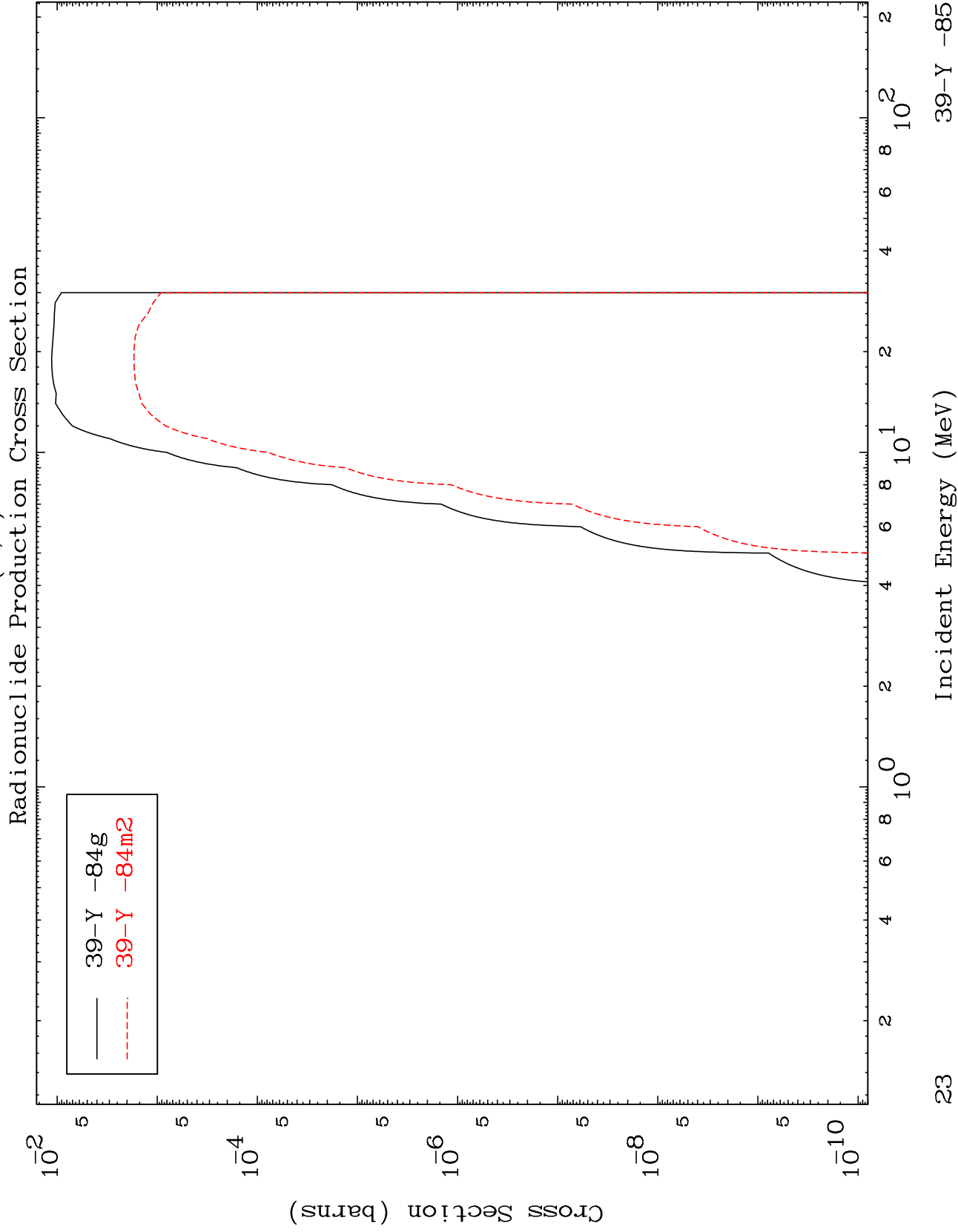
39-Y -85

Radionuclide Production Cross Section



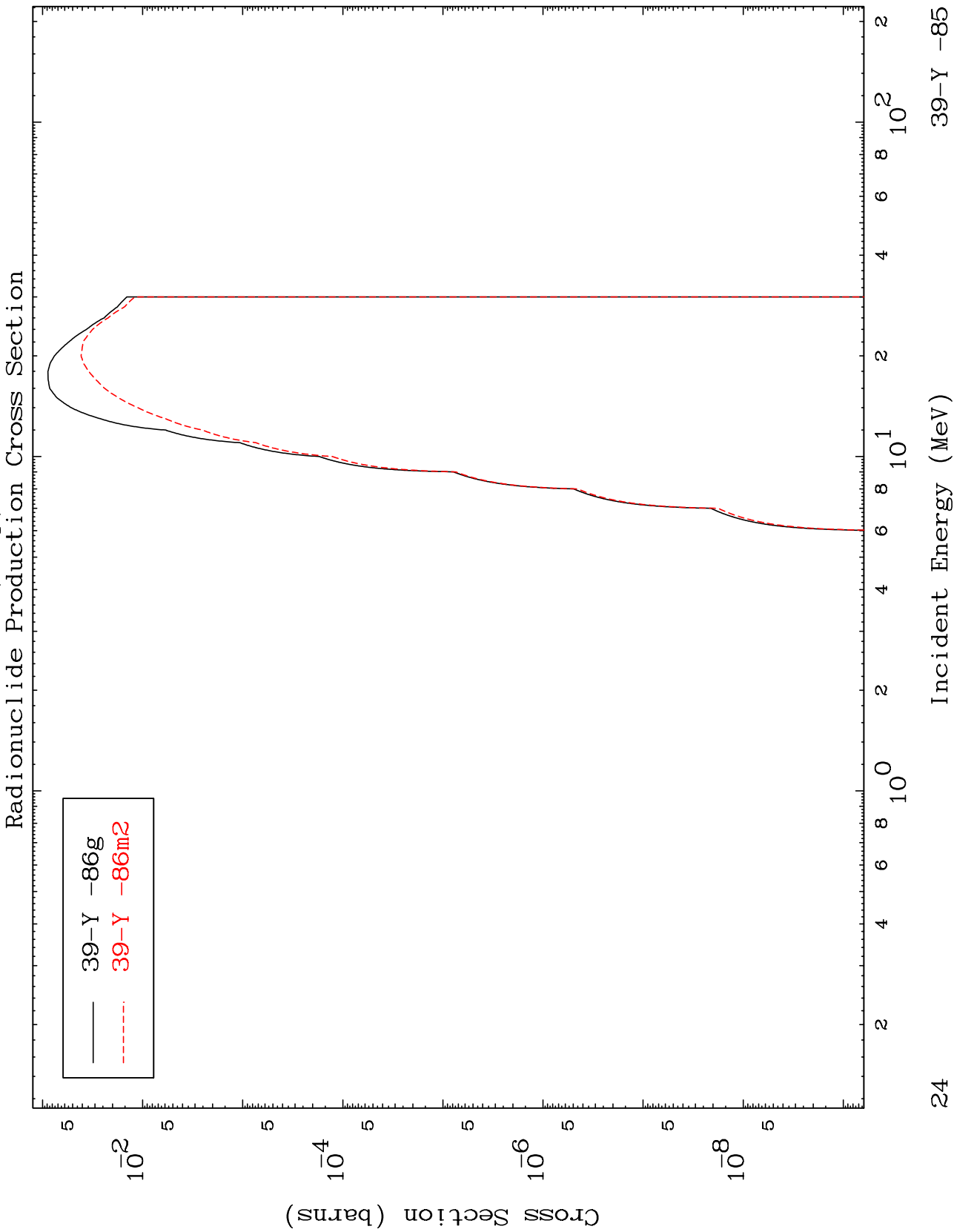
MAT 3913

39-Y -85



MAT 3913

39-Y -85

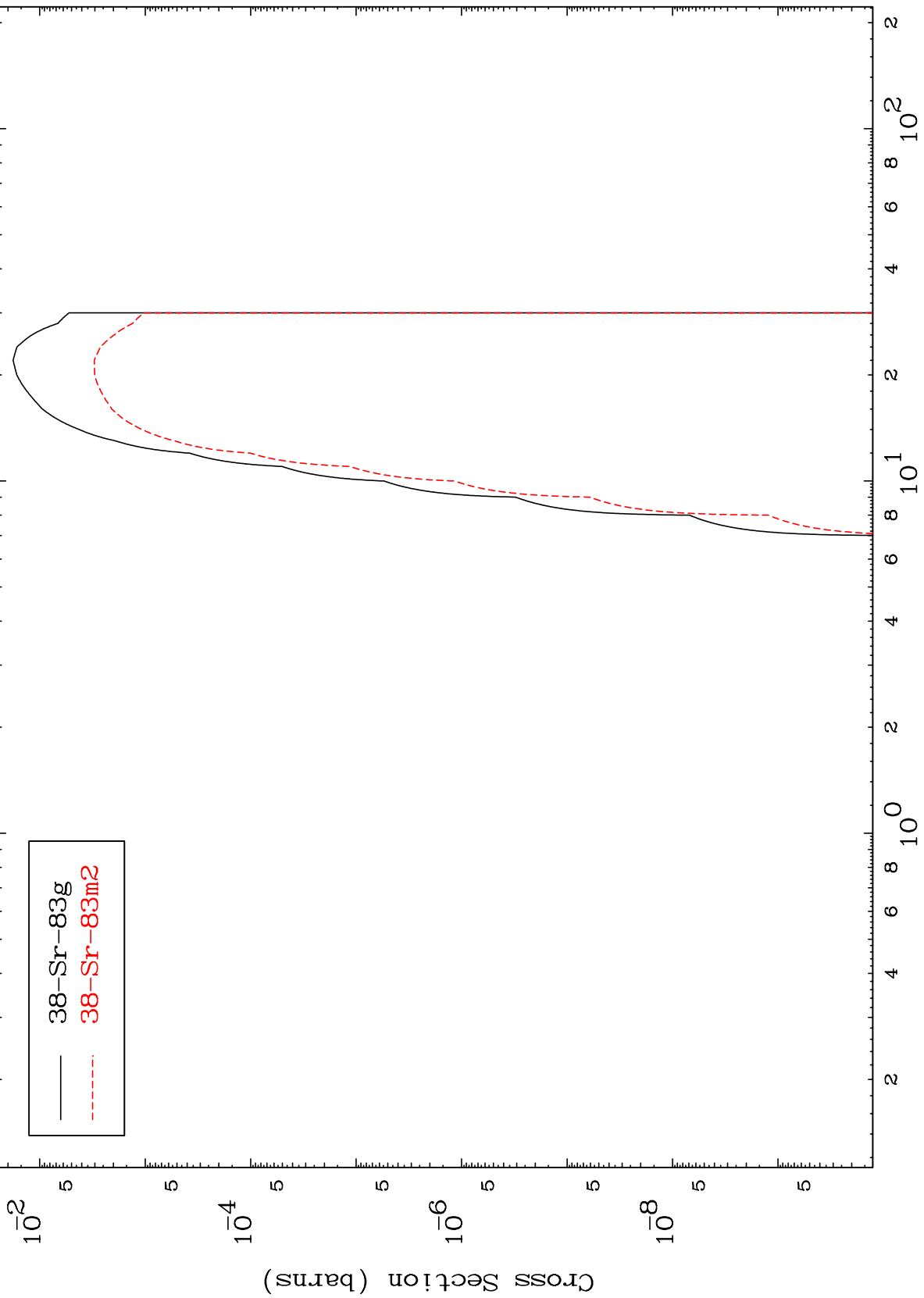


MAT 3913

(n,p)  $\alpha$

39-Y -85

Radionuclide Production Cross Section

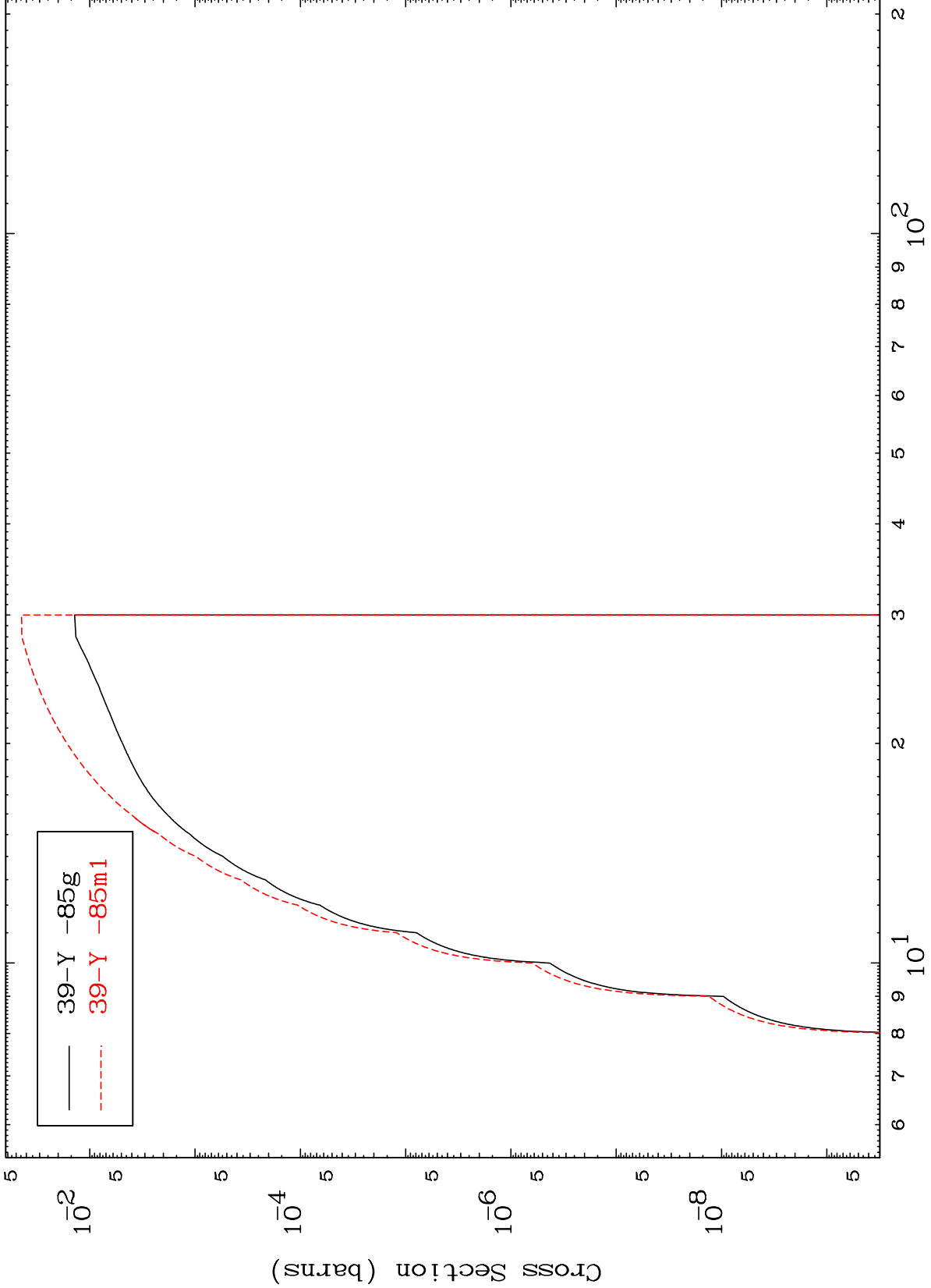


MAT 3913

(n,p) d

39-Y -85

Radionuclide Production Cross Section



26

Incident Energy (MeV)

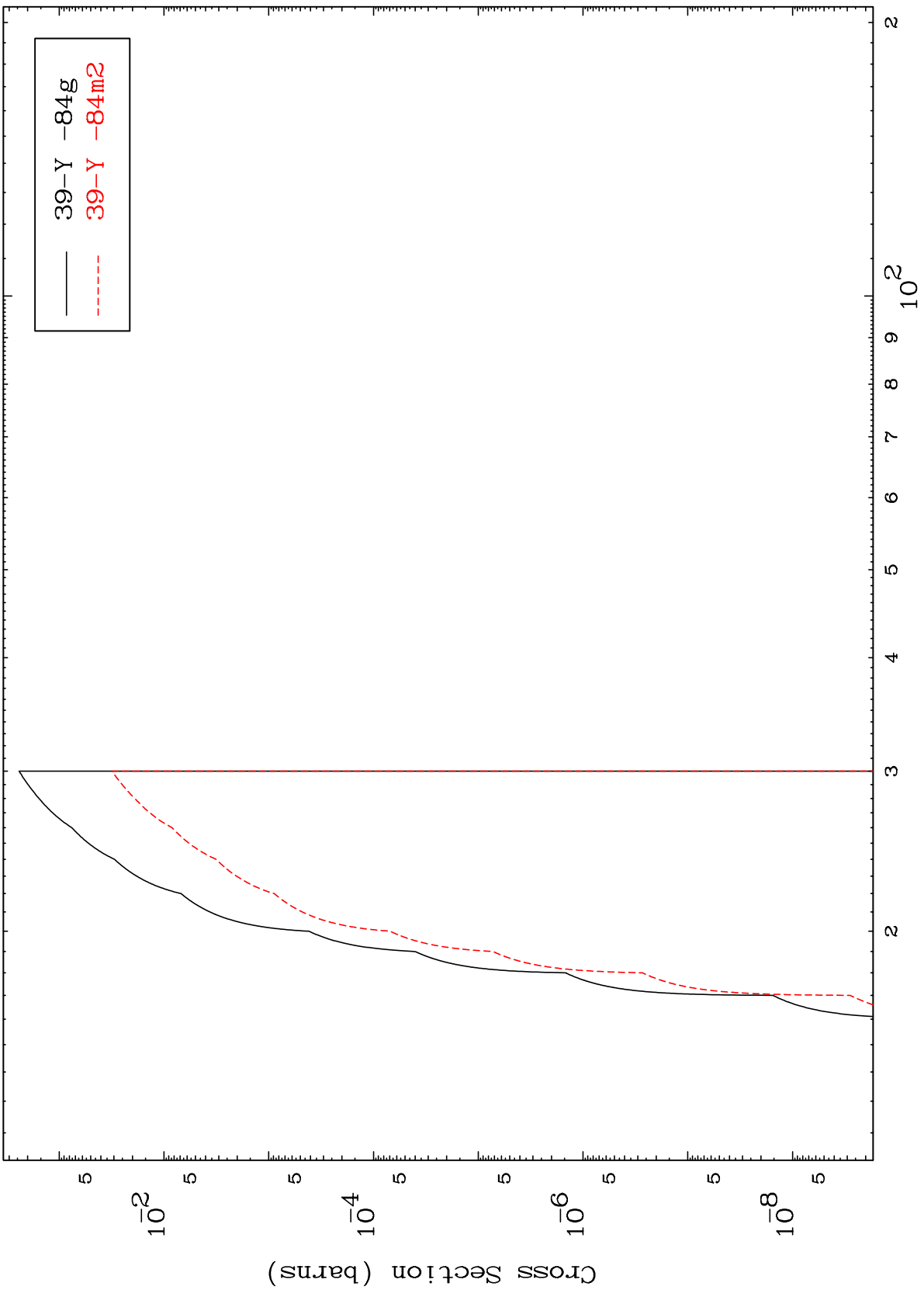
39-Y -85

MAT 3913

(n,p) t

39-Y -85

Radionuclide Production Cross Section



39-Y -84g  
39-Y -84m2