

Program EVALPLOT  
(Version 2021-1)

by

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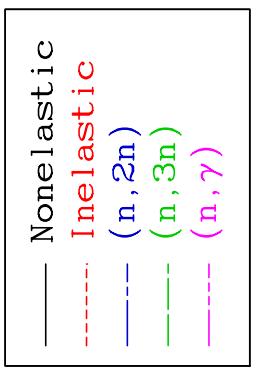
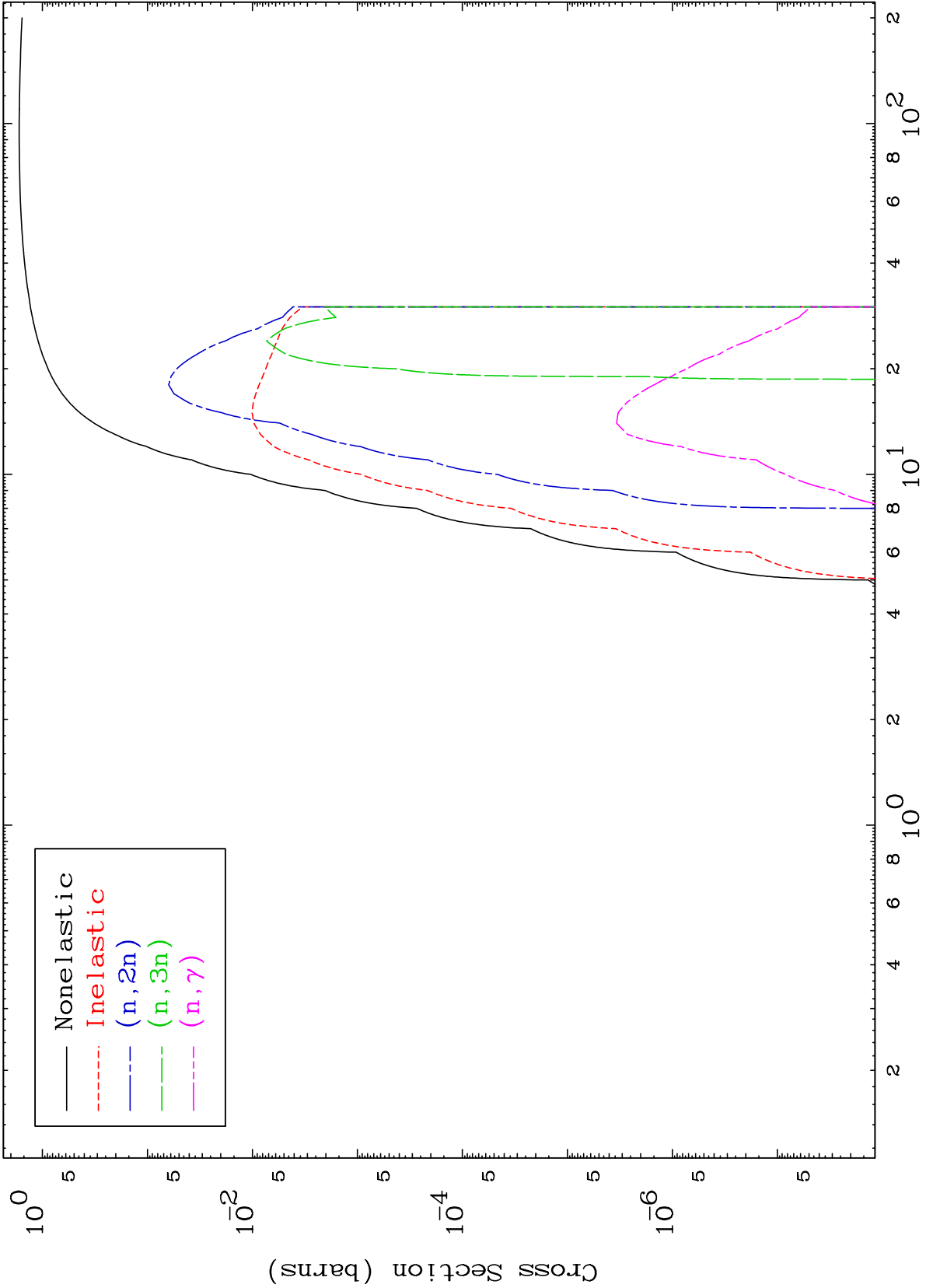
Press Mouse Button to Start

MAT 3920

He-3 Major

39-Y -87m

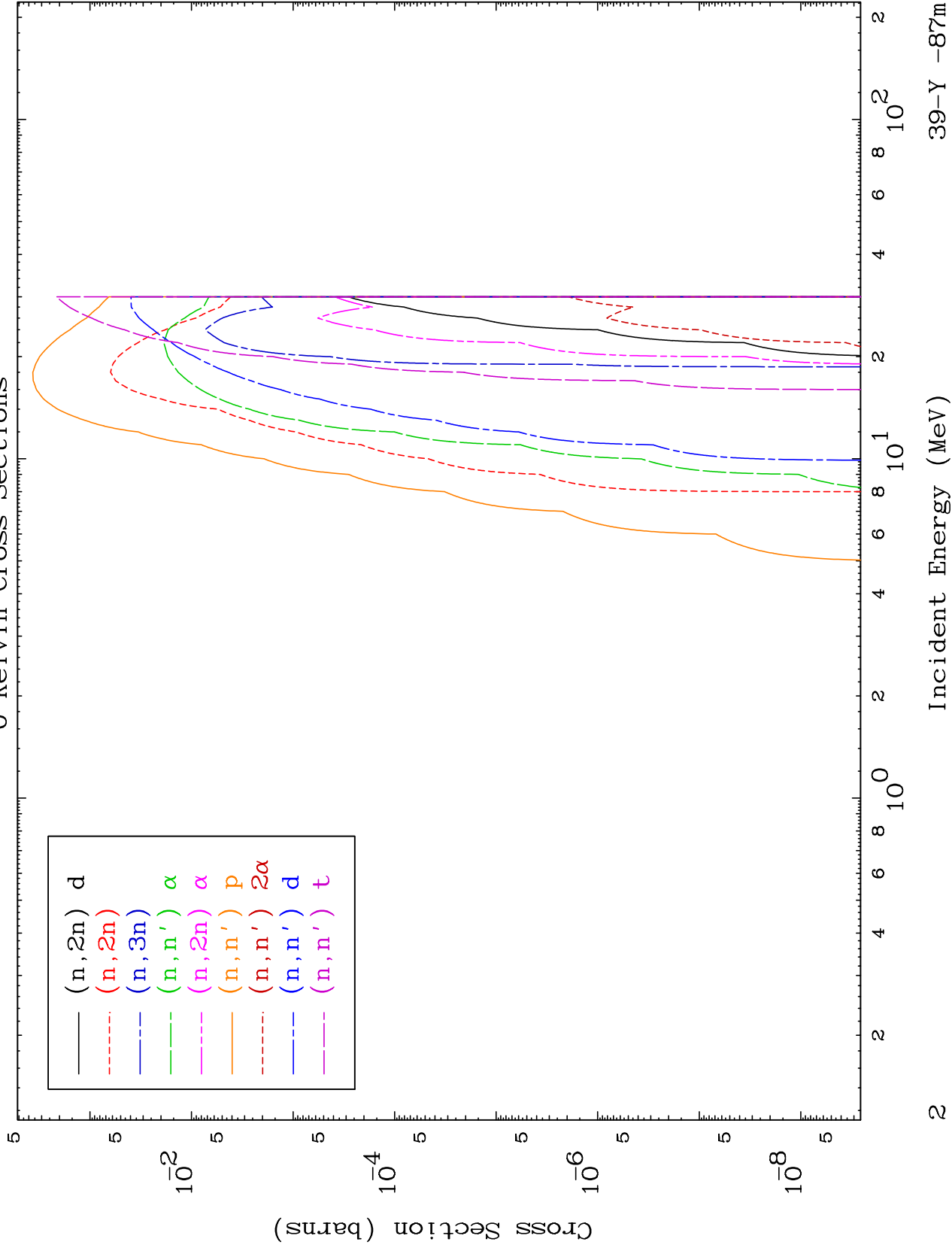
0 Kelvin Cross Sections



MAT 3920

He-3 Neutron Absorption  
0 Kelvin Cross Sections

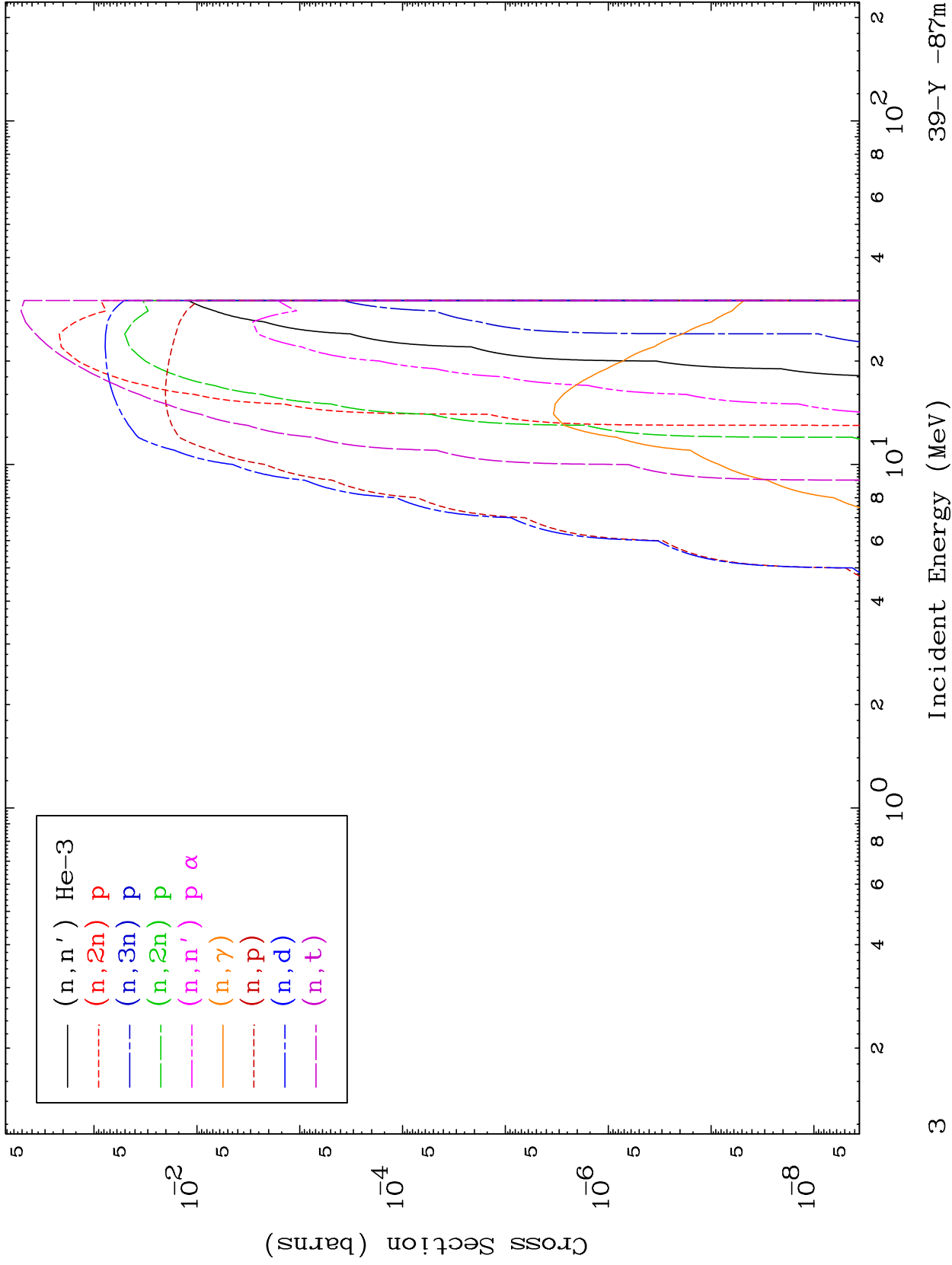
39-Y -87m



MAT 3920

He-3 Neutron Absorption  
0 Kelvin Cross Sections

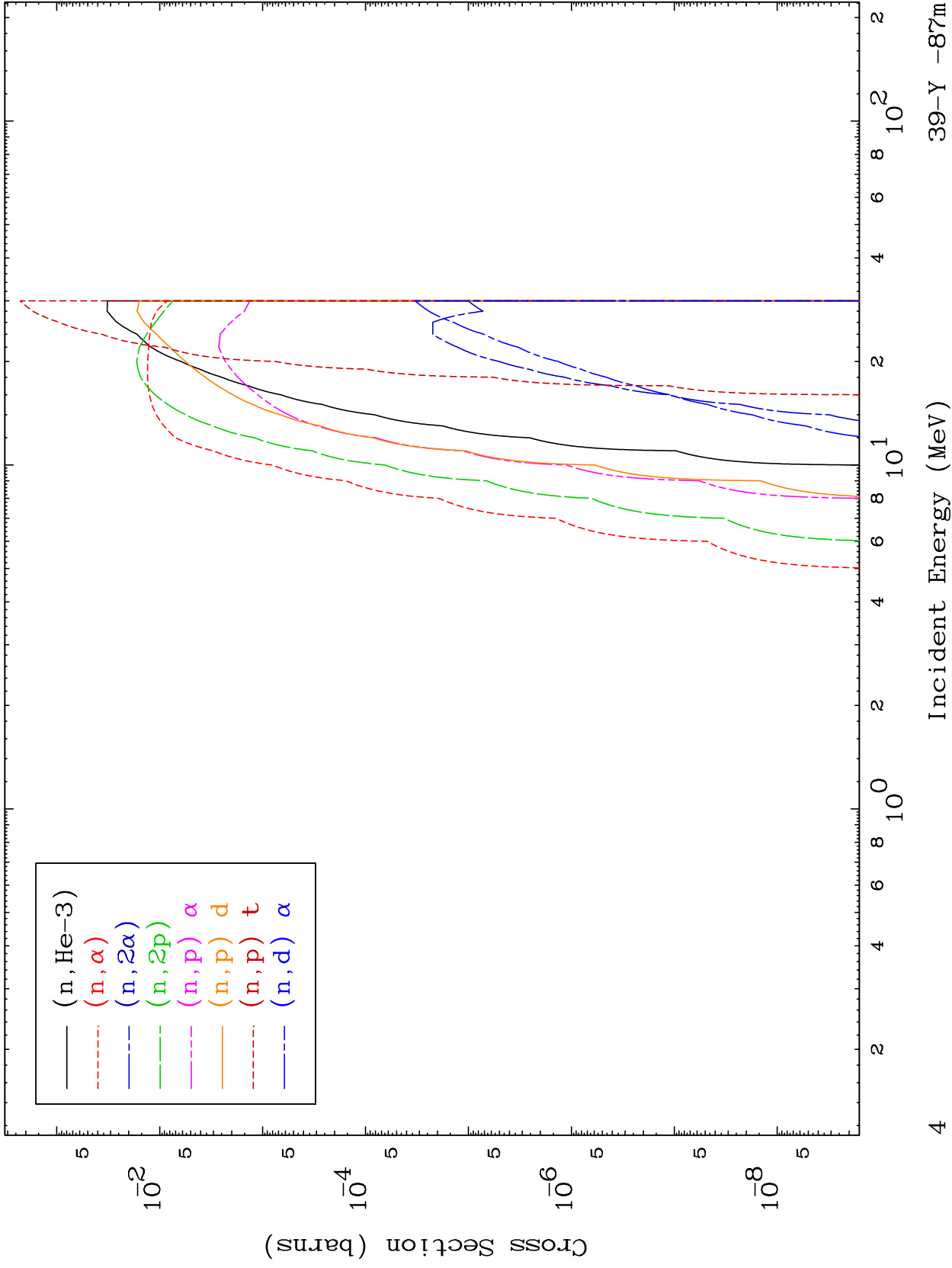
39-Y -87m

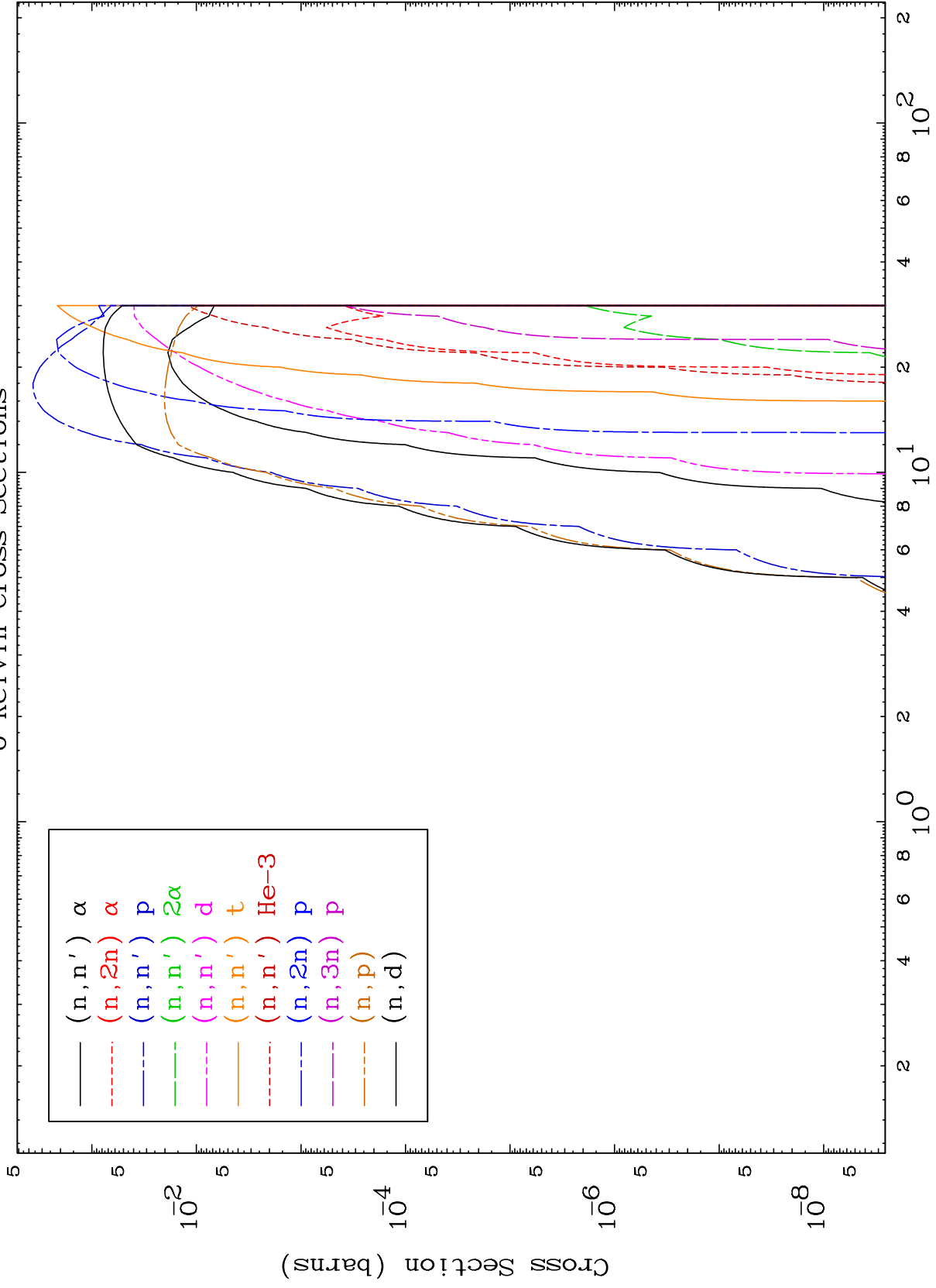


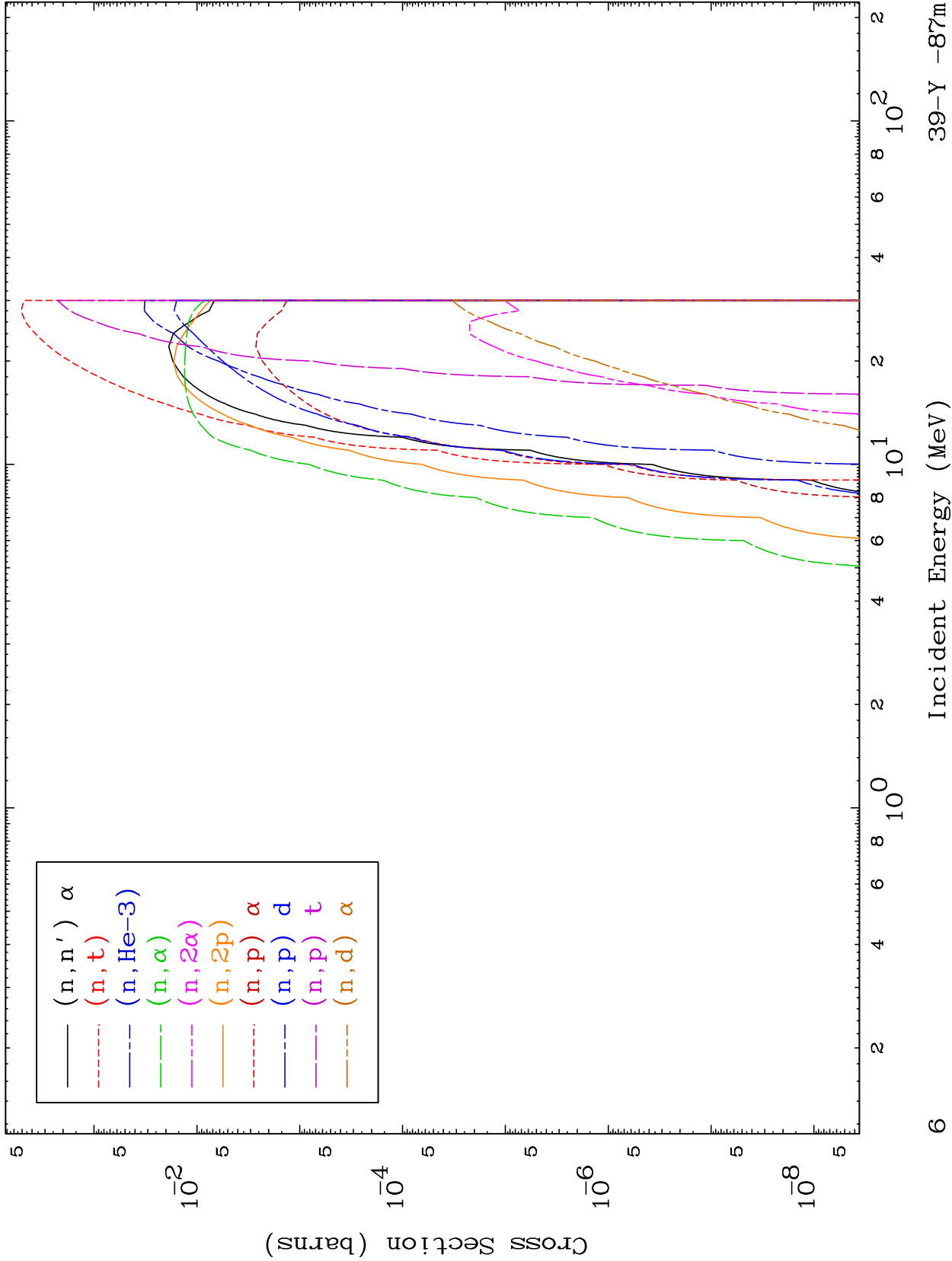
MAT 3920

He-3 Neutron Absorption  
0 Kelvin Cross Sections

39-Y -87m





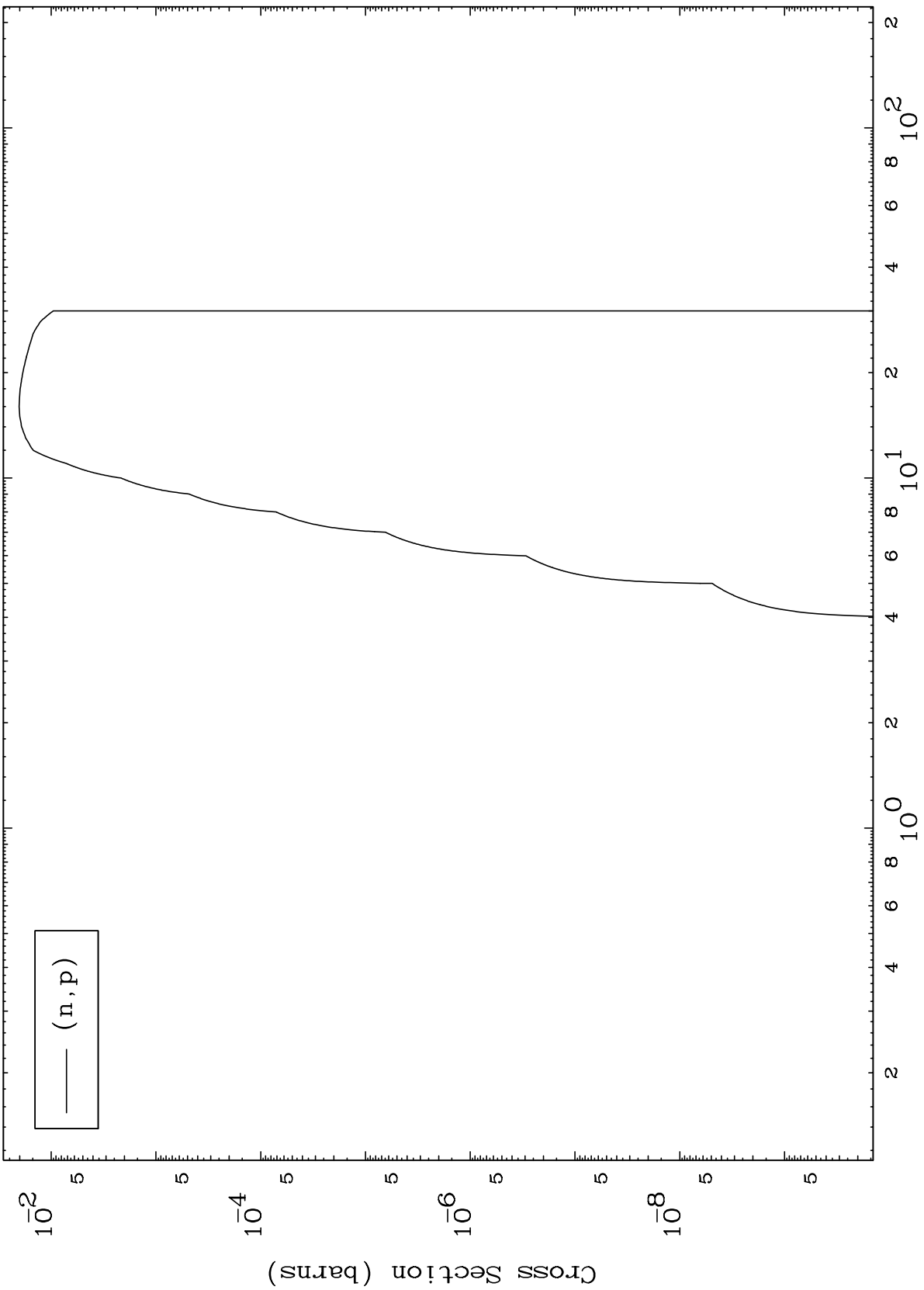


MAT 3920

(He-3,p) Levels

39-Y -87m

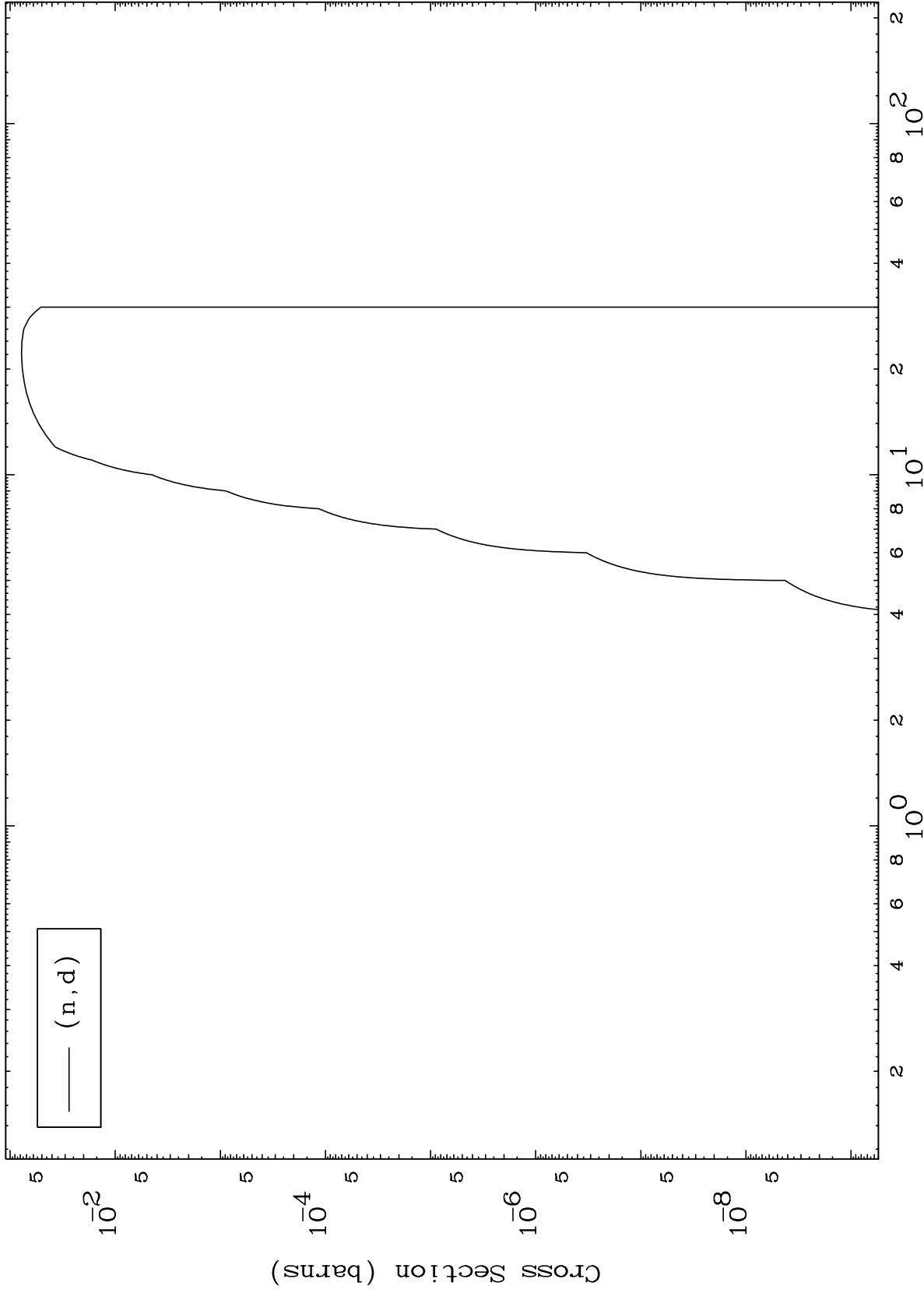
0 Kelvin Cross Sections



MAT 3920

(He-3,d) Levels  
0 Kelvin Cross Sections

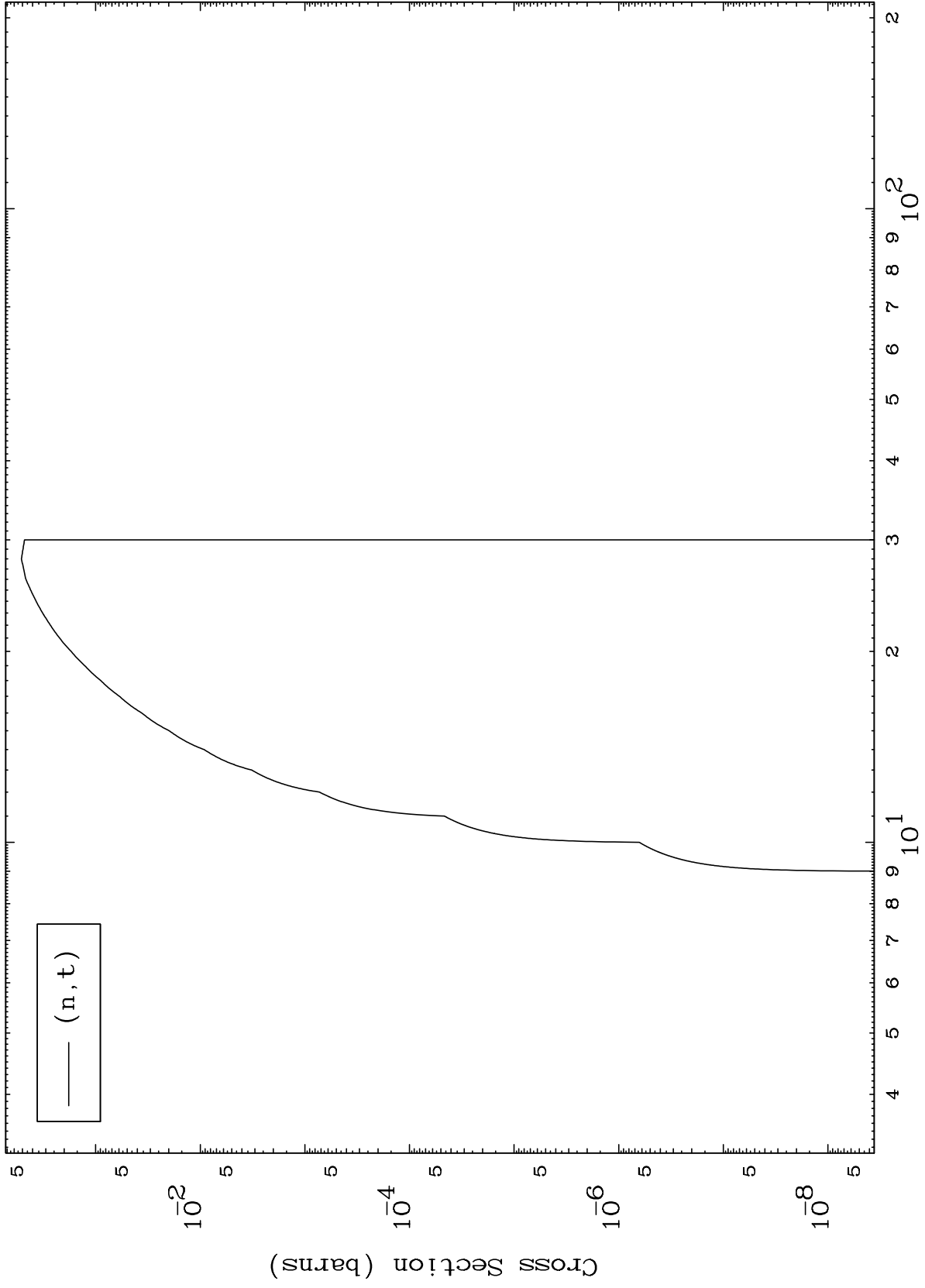
39-Y -87m



MAT 3920

(He-3,t) Levels  
0 Kelvin Cross Sections

39-Y -87m

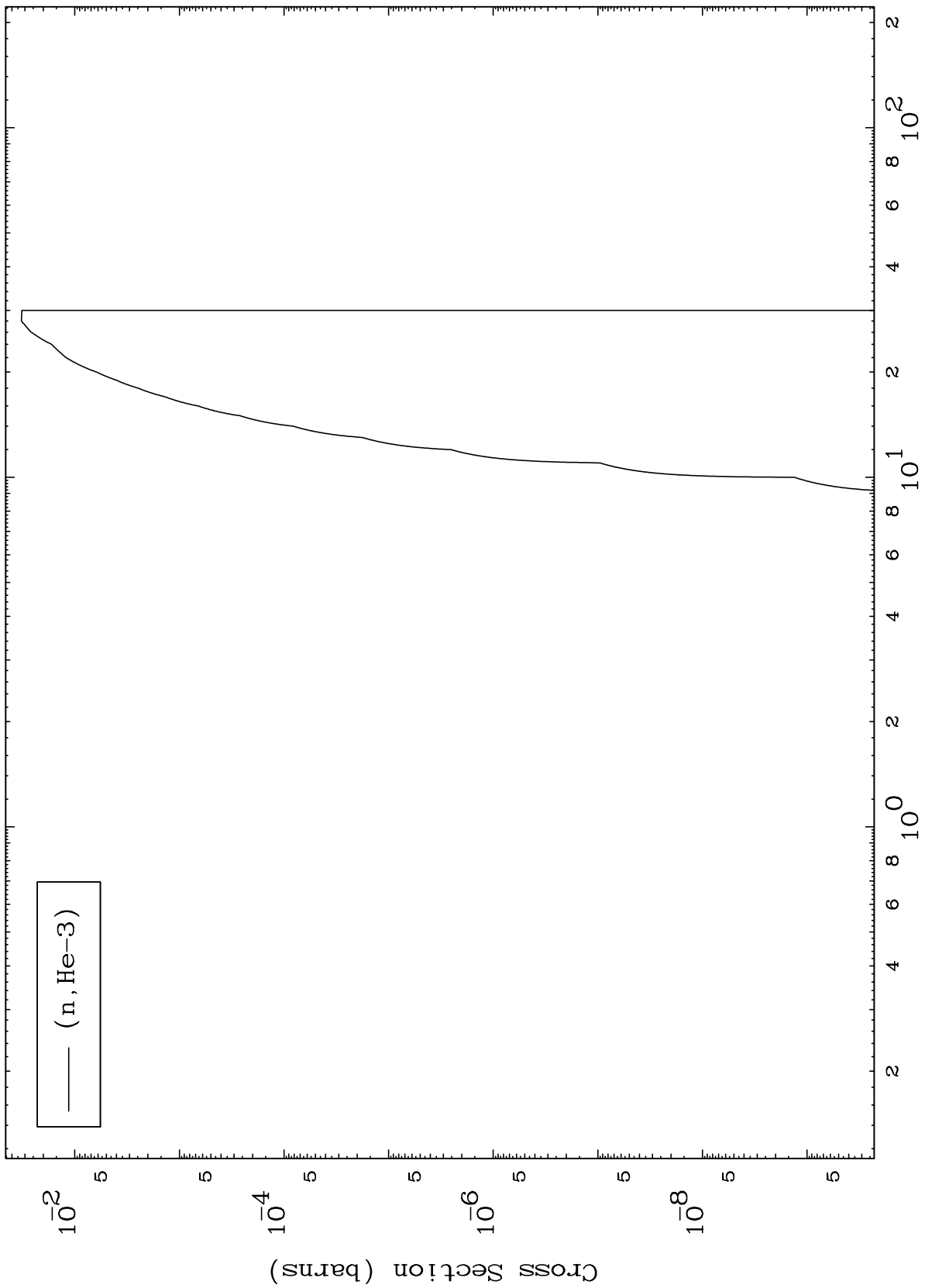


MAT 3920

(He-3, He3) Levels

39-Y -87m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

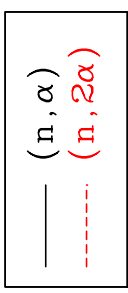
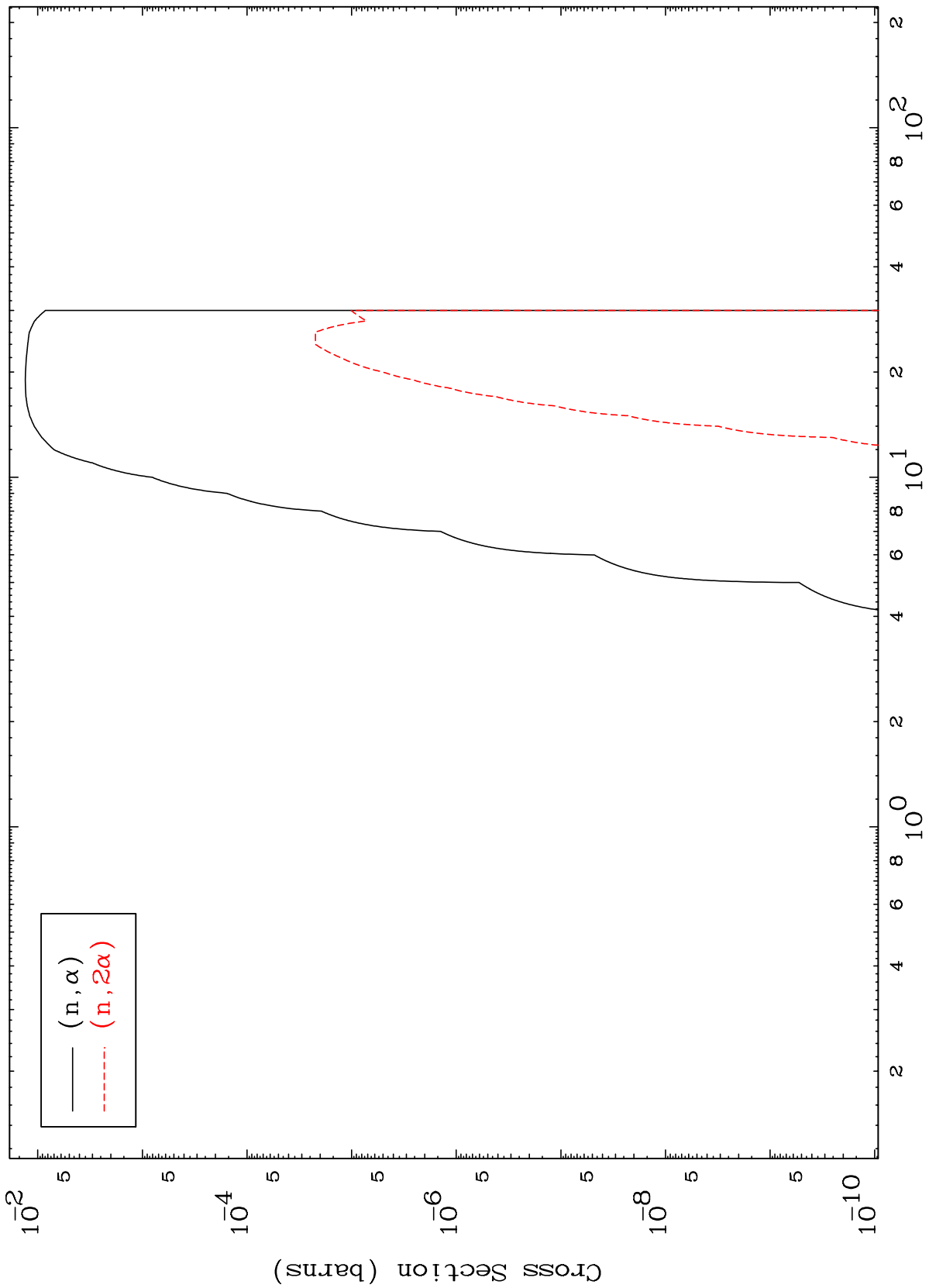
39-Y -87m

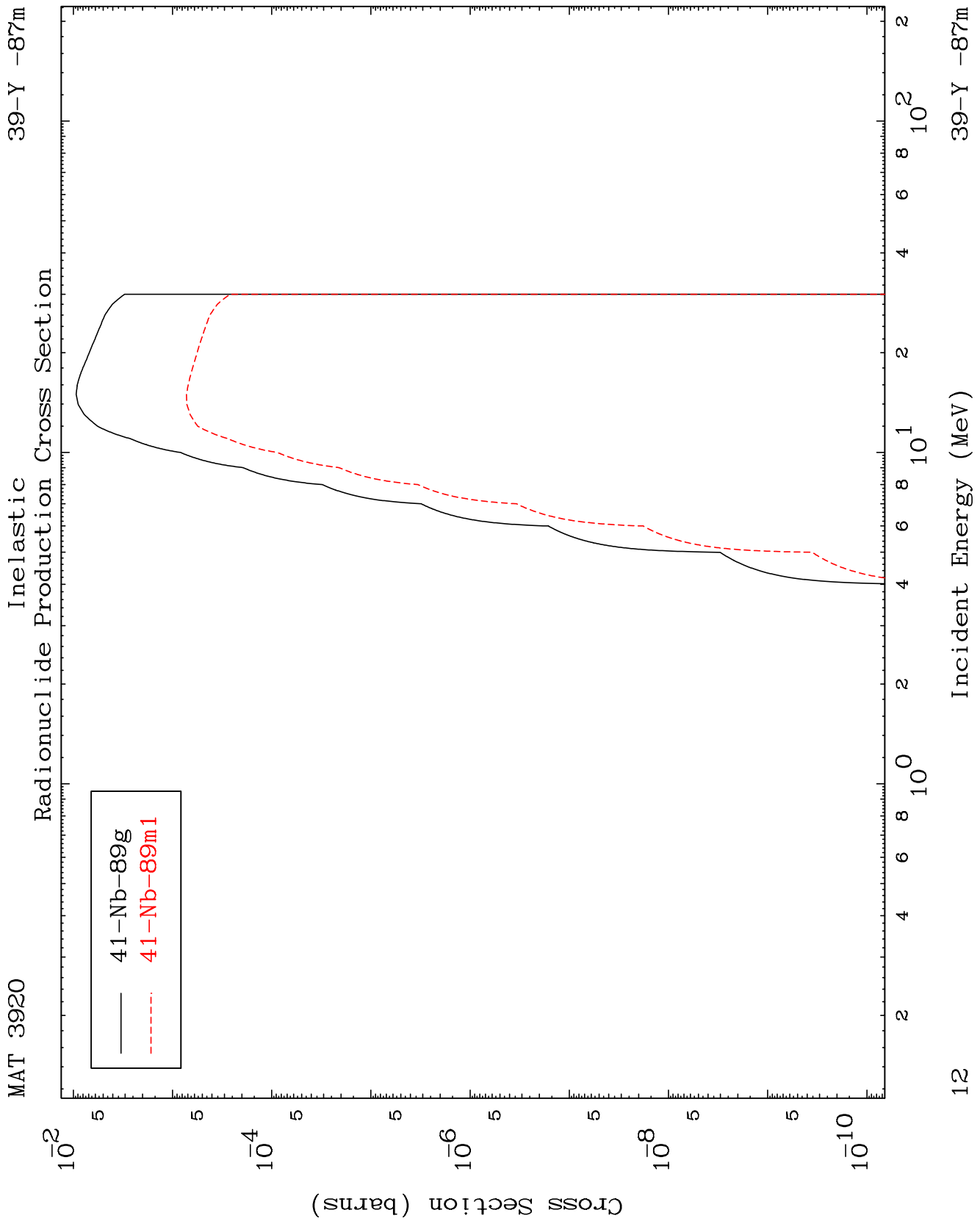
MAT 3920

(He-3,  $\alpha$ ) Levels

39-Y -87m

0 Kelvin Cross Sections

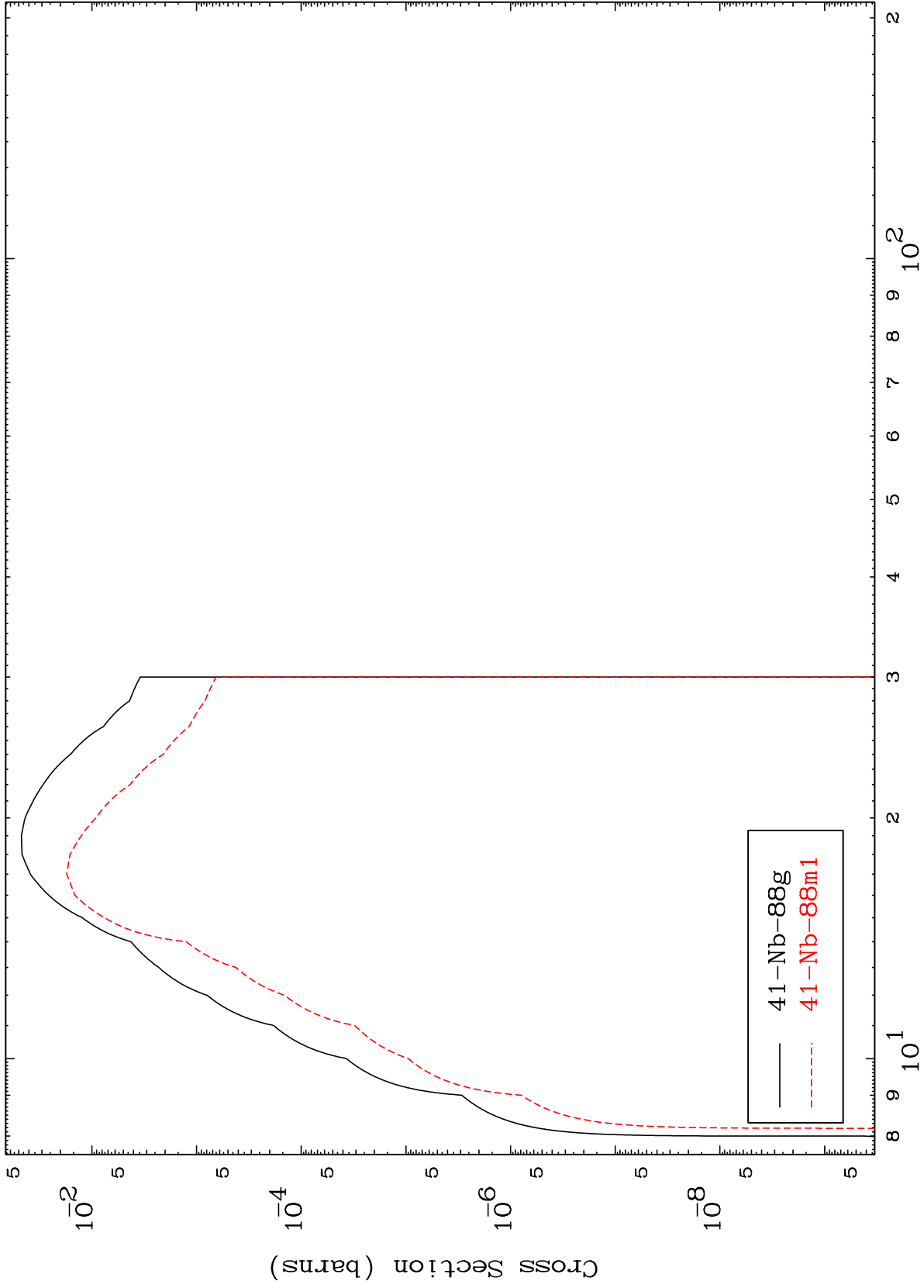




MAT 3920

39-Y -87m

(n,2n)  
Radionuclide Production Cross Section



39-Y -87m

Incident Energy (MeV)

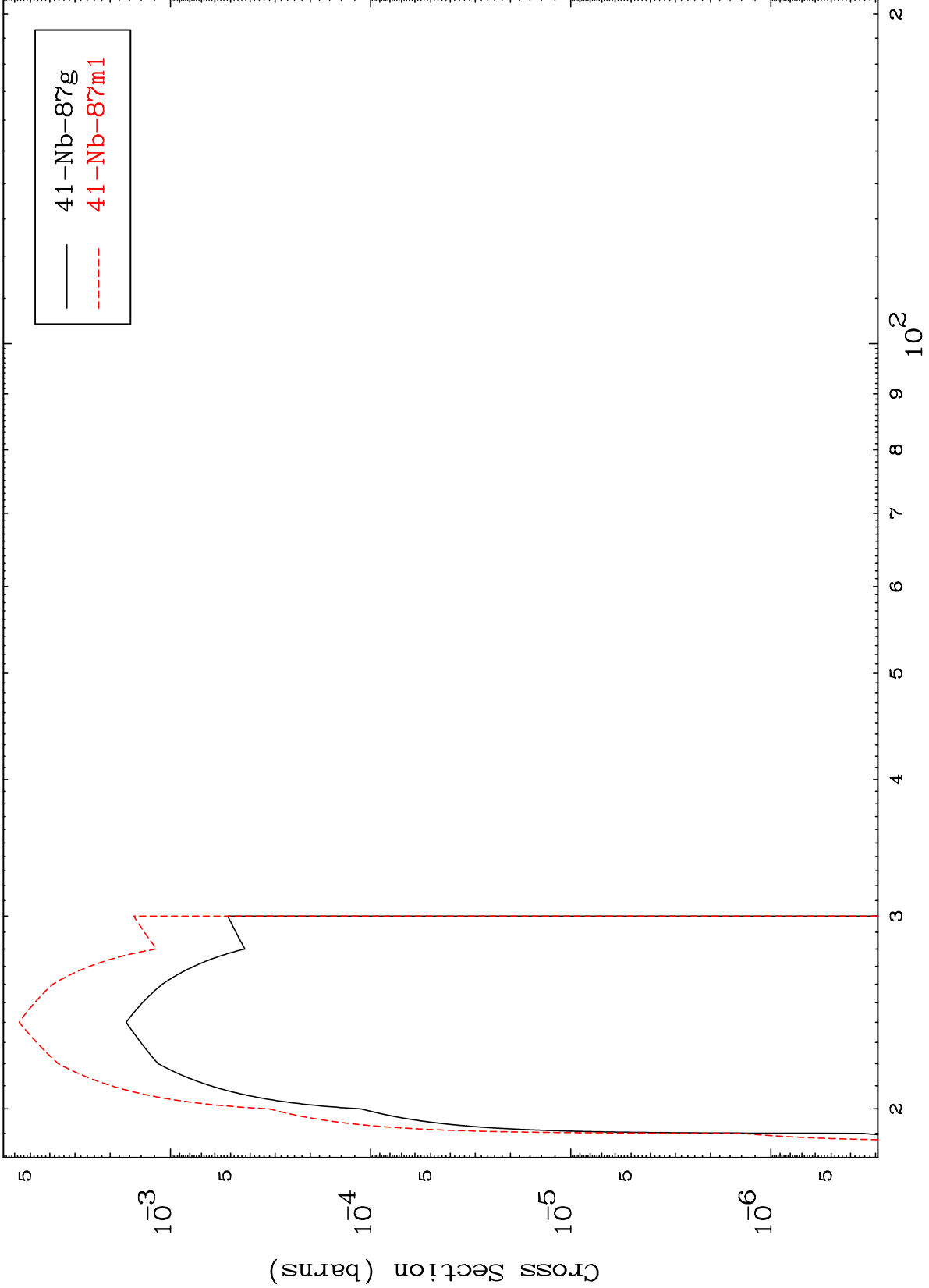
13

MAT 3920

(n,3n)

39-Y -87m

Radionuclide Production Cross Section



41-Nb-87g  
41-Nb-87m1

14

Incident Energy (MeV)

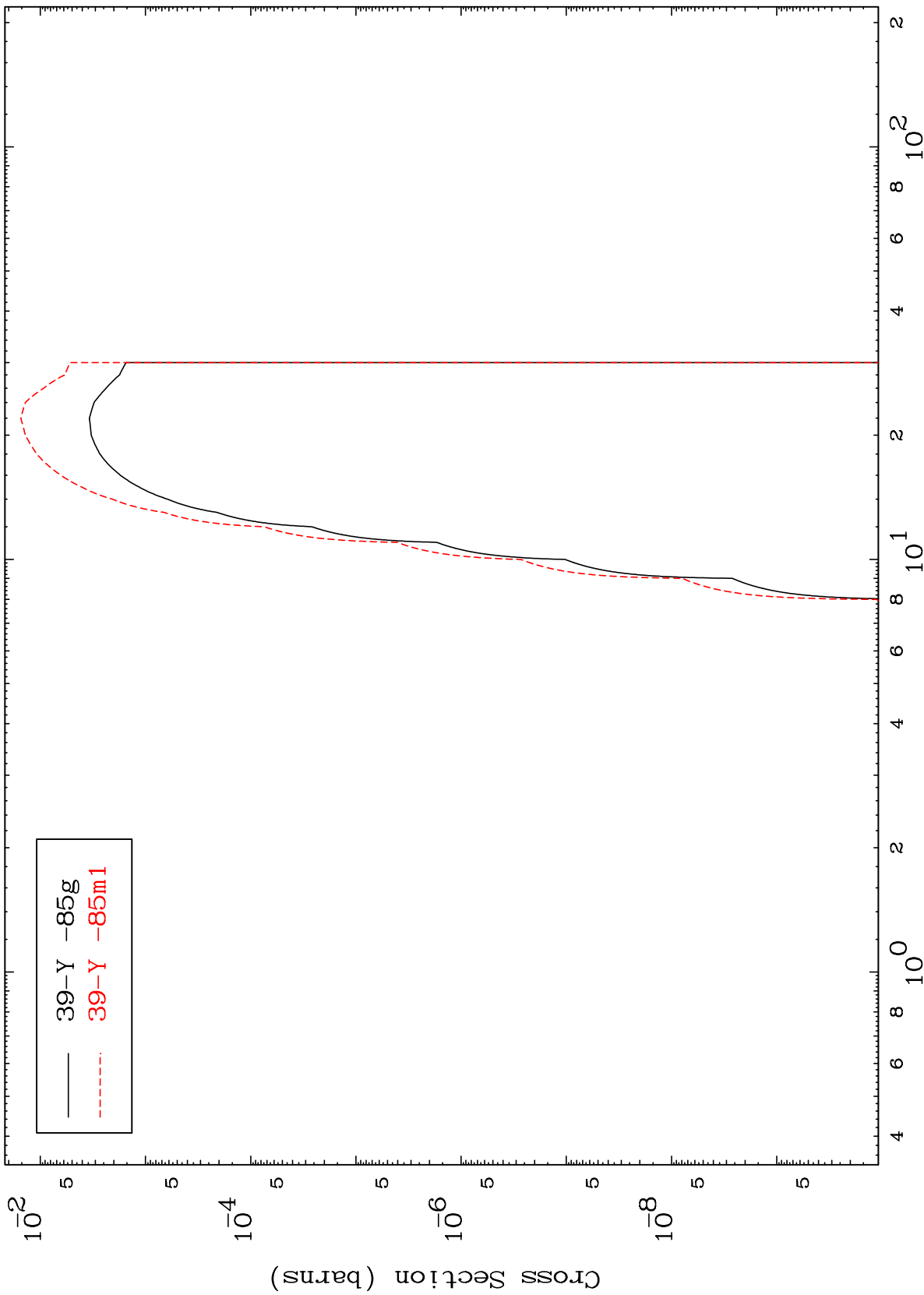
39-Y -87m

MAT 3920

(n,n')  $\alpha$

39-Y -87m

Radionuclide Production Cross Section



39-Y -85g  
39-Y -85m1

15

Incident Energy (MeV)

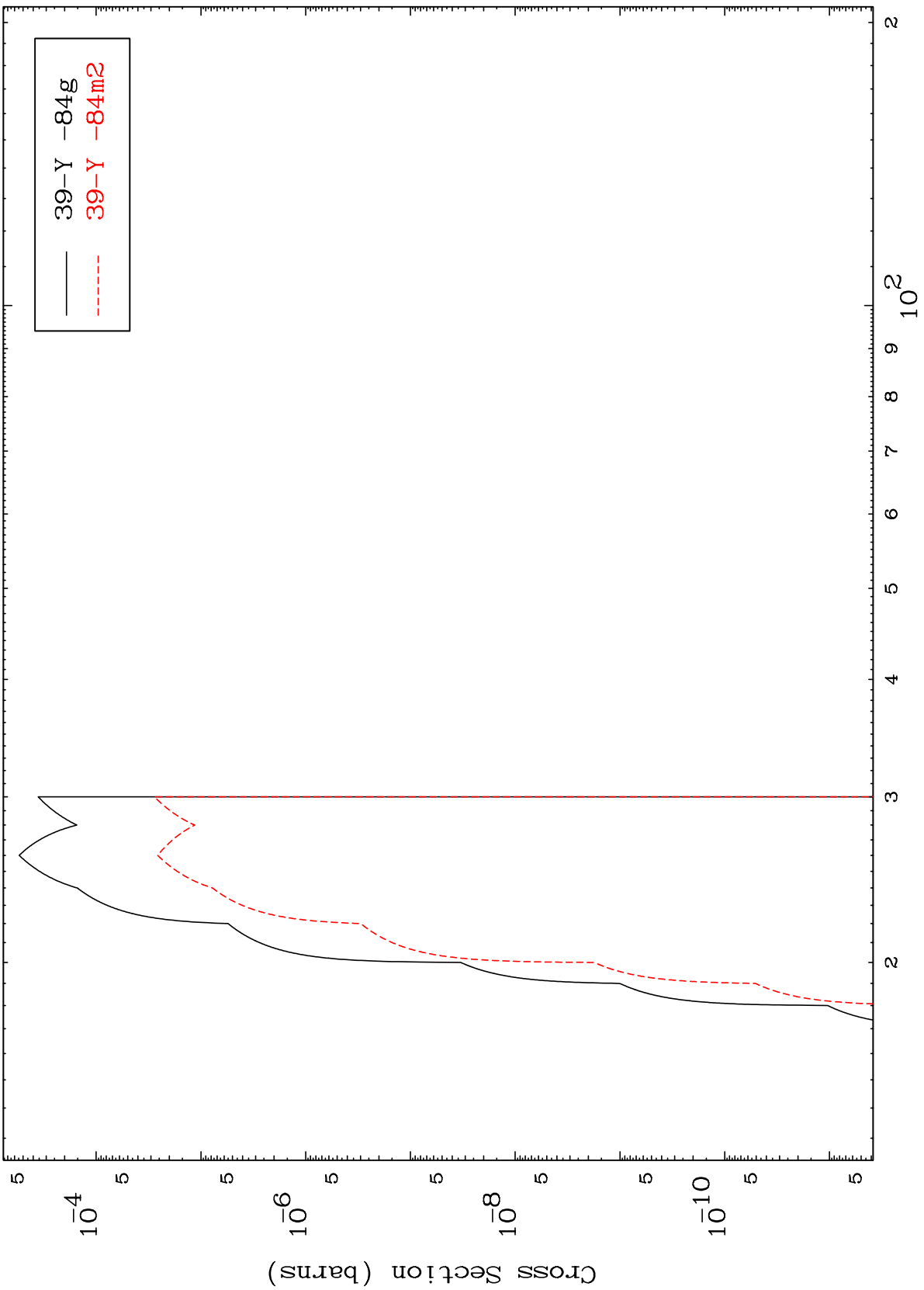
39-Y -87m

MAT 3920

$(n,2n) \alpha$

39-Y -87m

Radionuclide Production Cross Section



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

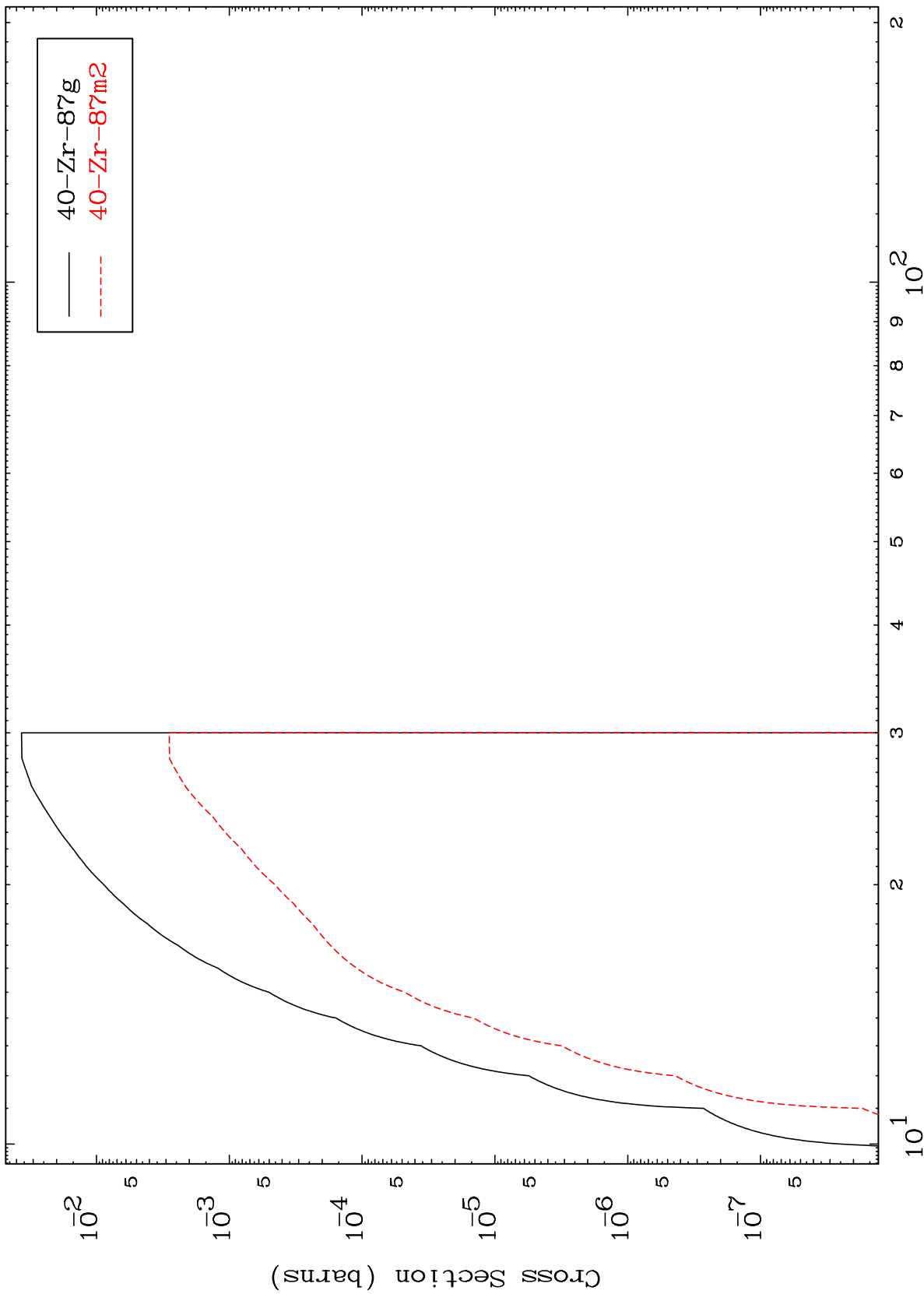


MAT 3920

(n,n') d

39-Y -87m

Radionuclide Production Cross Section



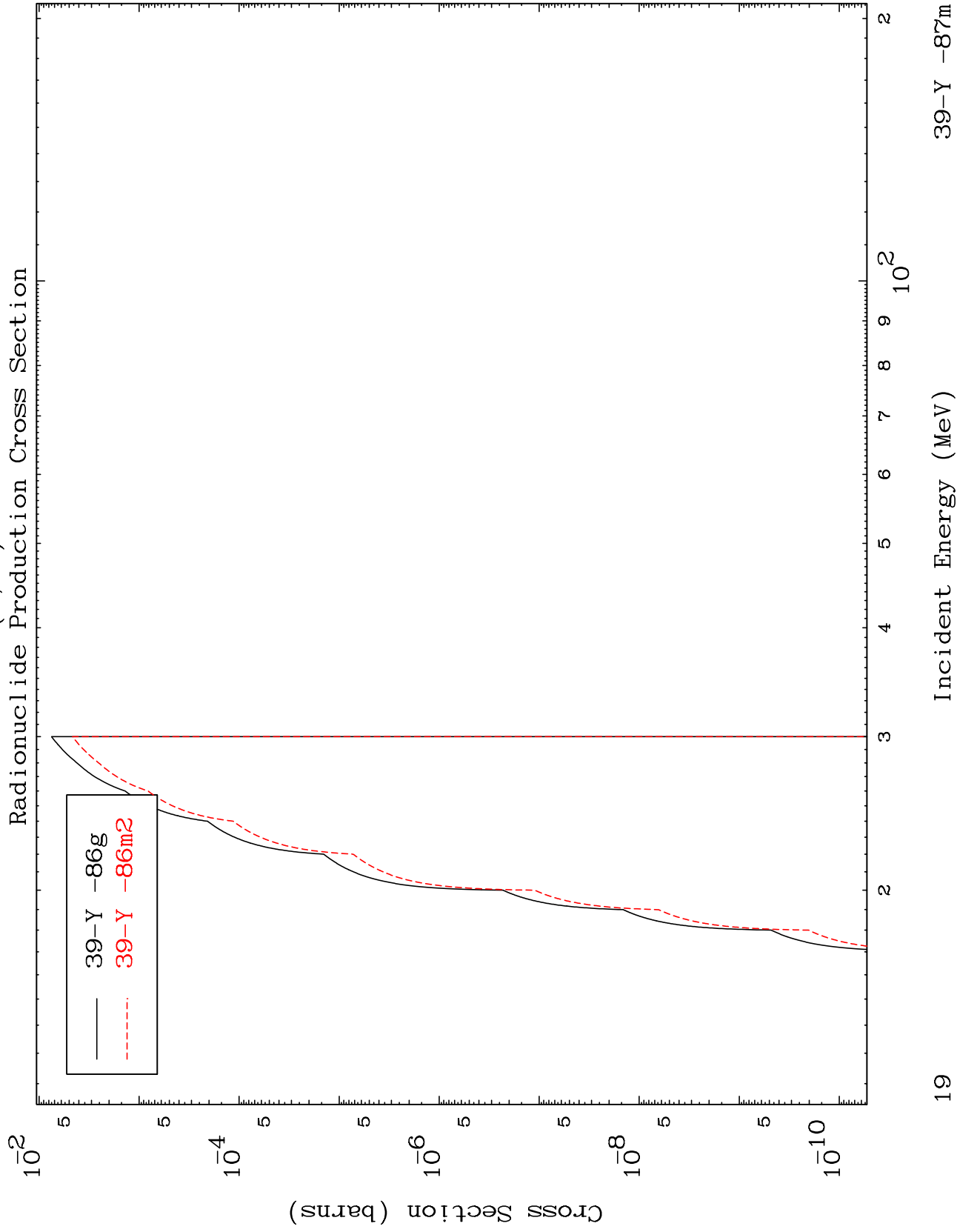
Incident Energy (MeV)

39-Y -87m

MAT 3920

(n,n') He-3

39-Y -87m



19

Incident Energy (MeV)

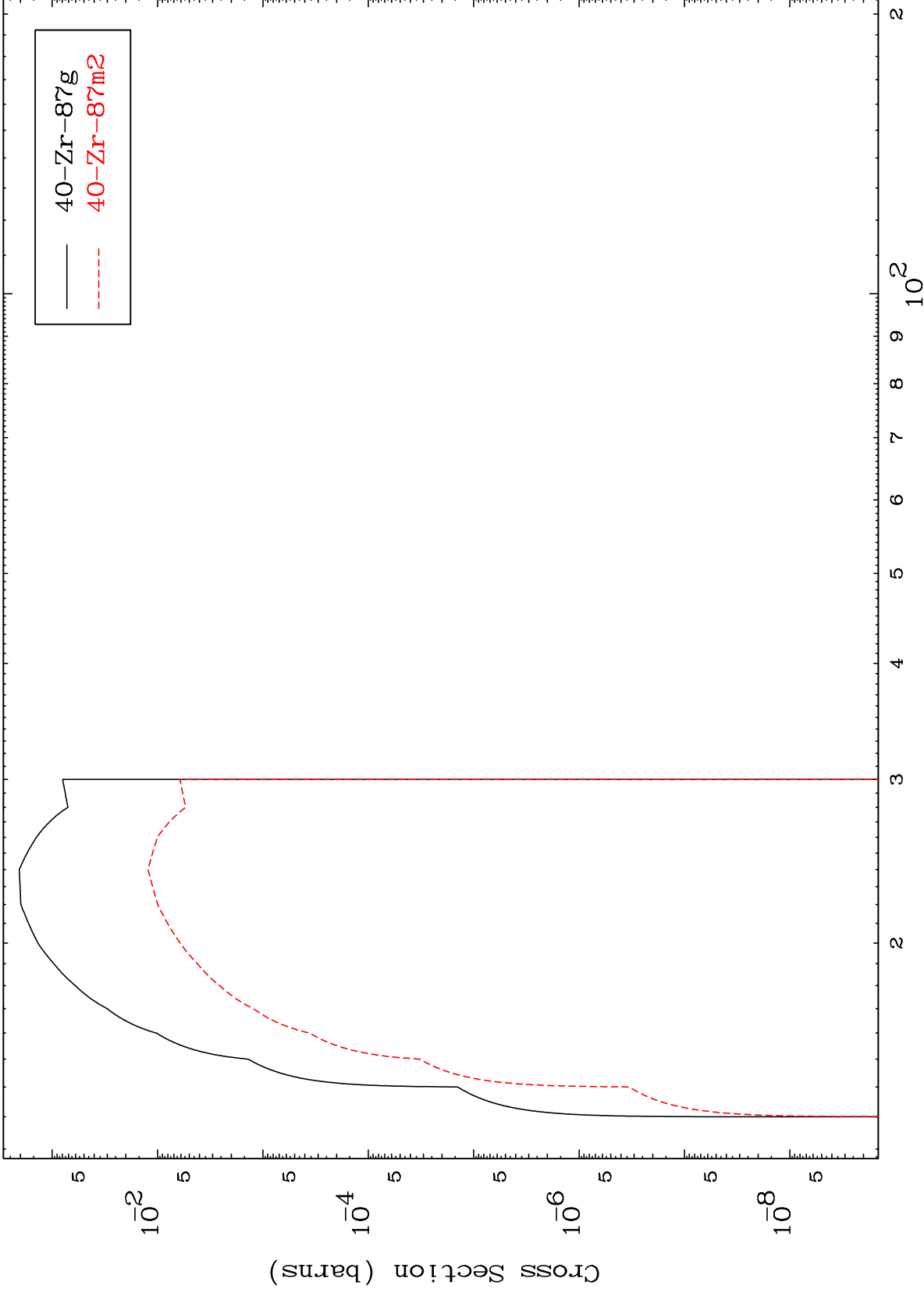
39-Y -87m

MAT 3920

(n,2n) p

39-Y -87m

Radionuclide Production Cross Section



40-Zr-87g  
40-Zr-87m2

20

Incident Energy (MeV)

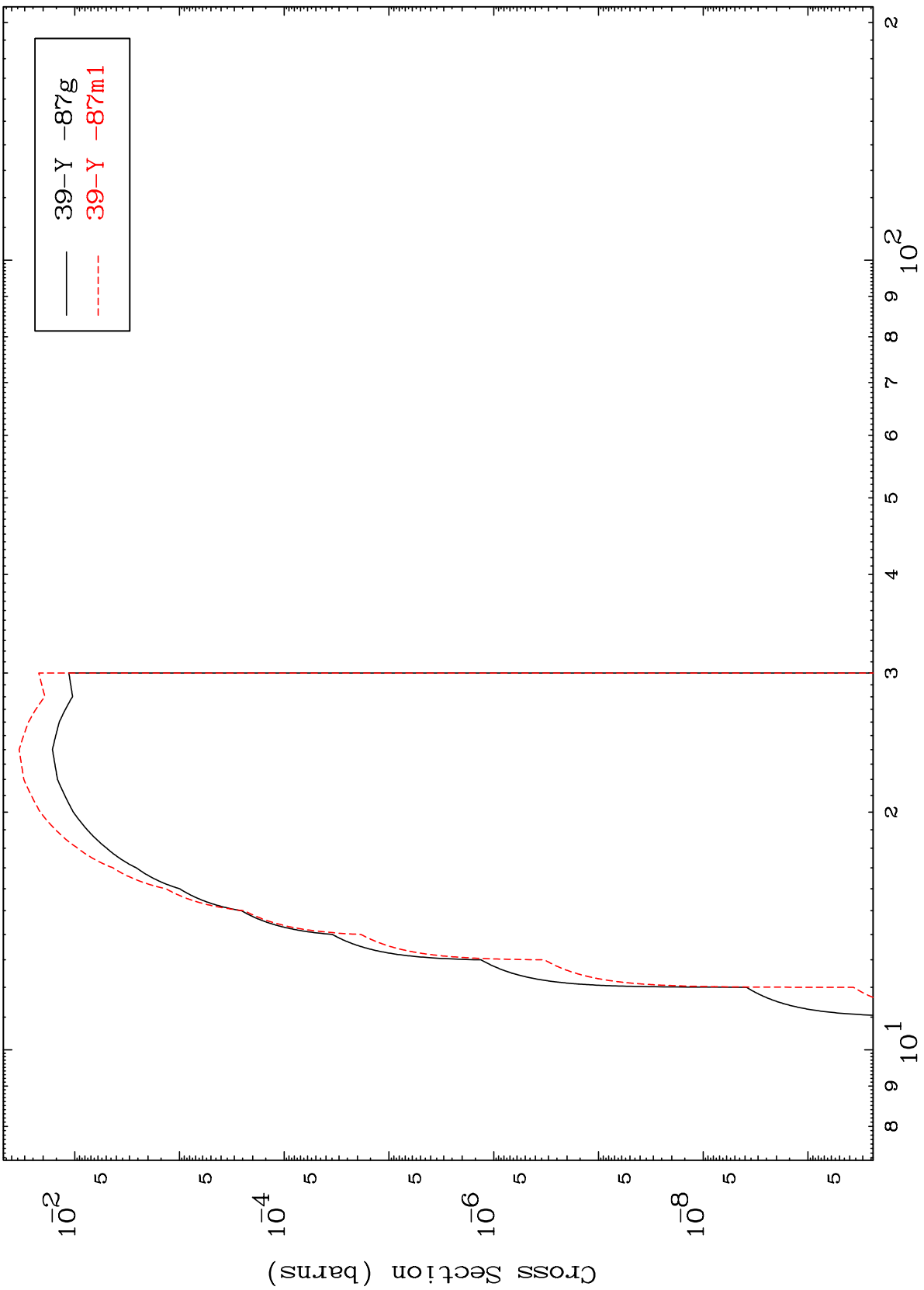
39-Y -87m

MAT 3920

(n,2n) p

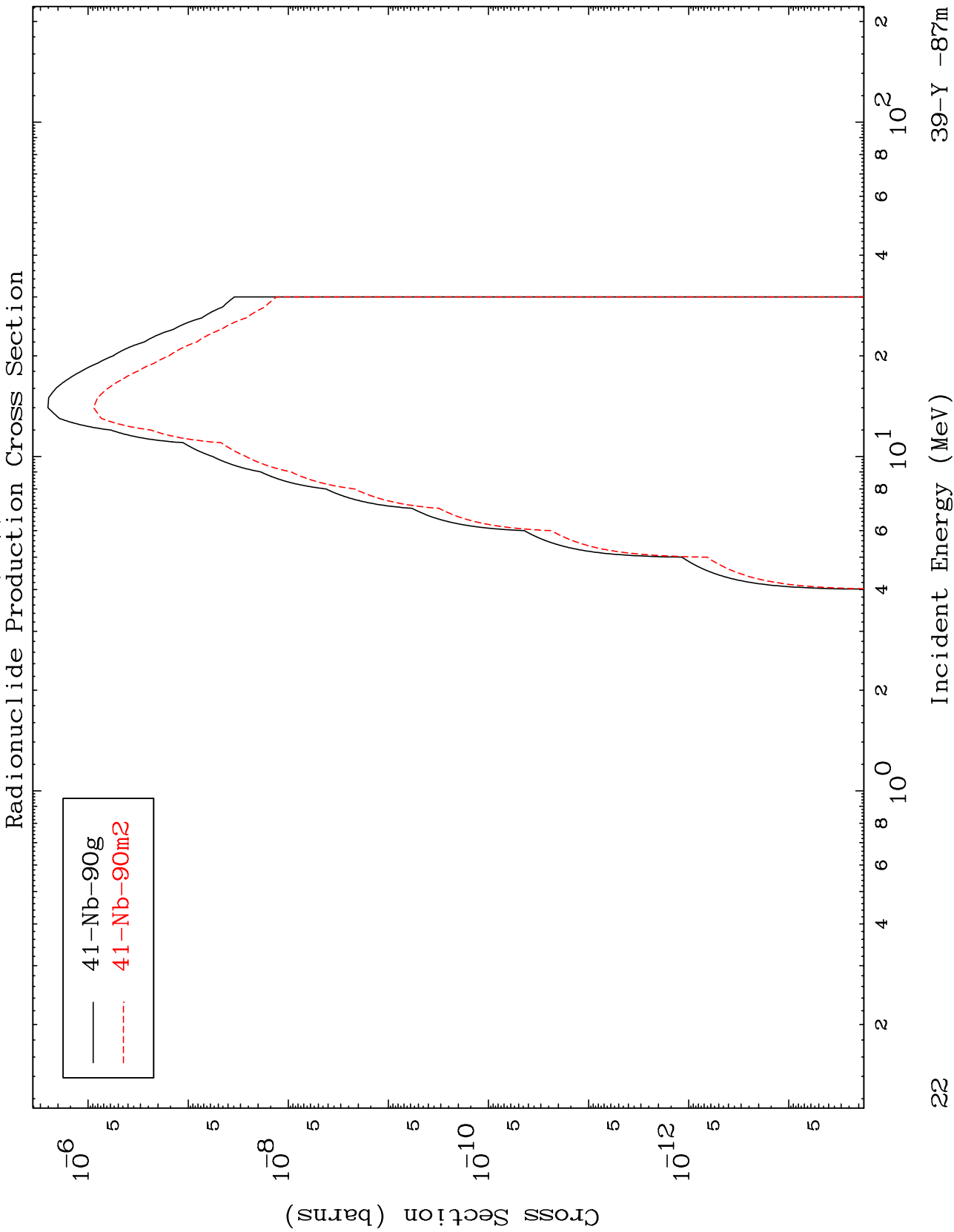
39-Y -87m

Radionuclide Production Cross Section



MAT 3920

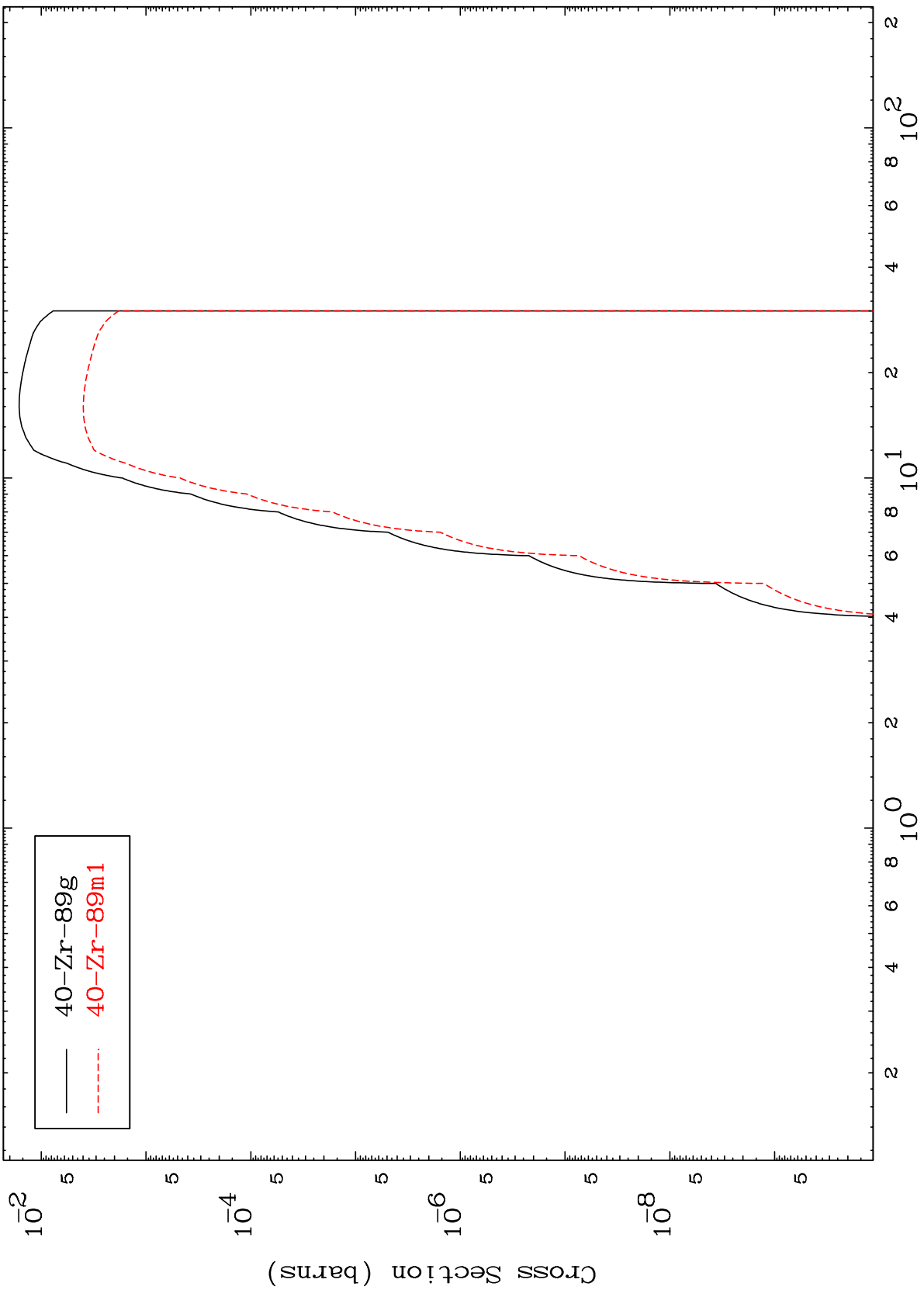
39-Y -87m



MAT 3920

39-Y -87m

(n,p)  
Radionuclide Production Cross Section

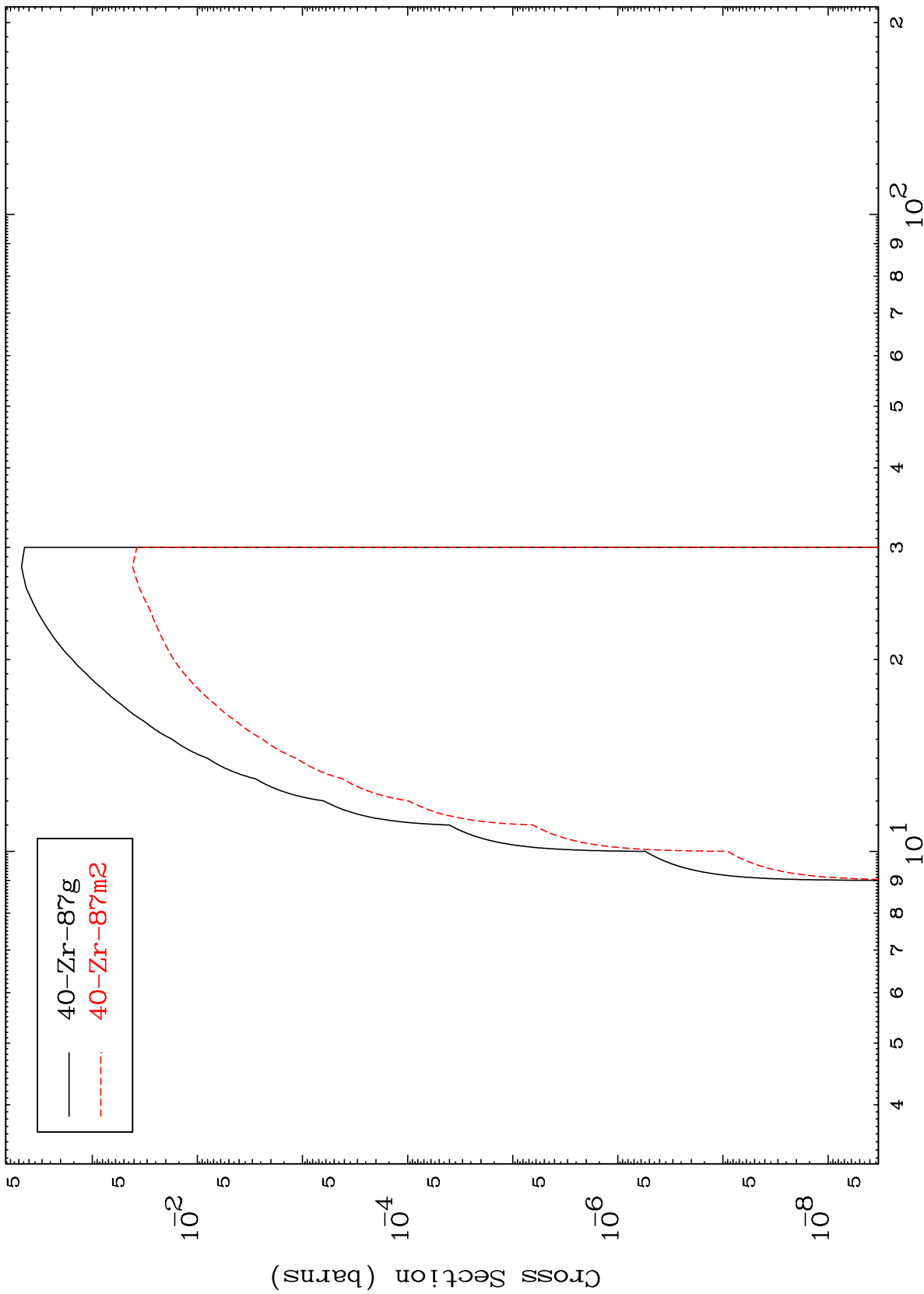


— 40-Zr-89g  
- - - 40-Zr-89m1

MAT 3920

39-Y -87m

(n, t)  
Radionuclide Production Cross Section



— 40-Zr-87g  
- - - 40-Zr-87m2

39-Y -87m

Incident Energy (MeV)

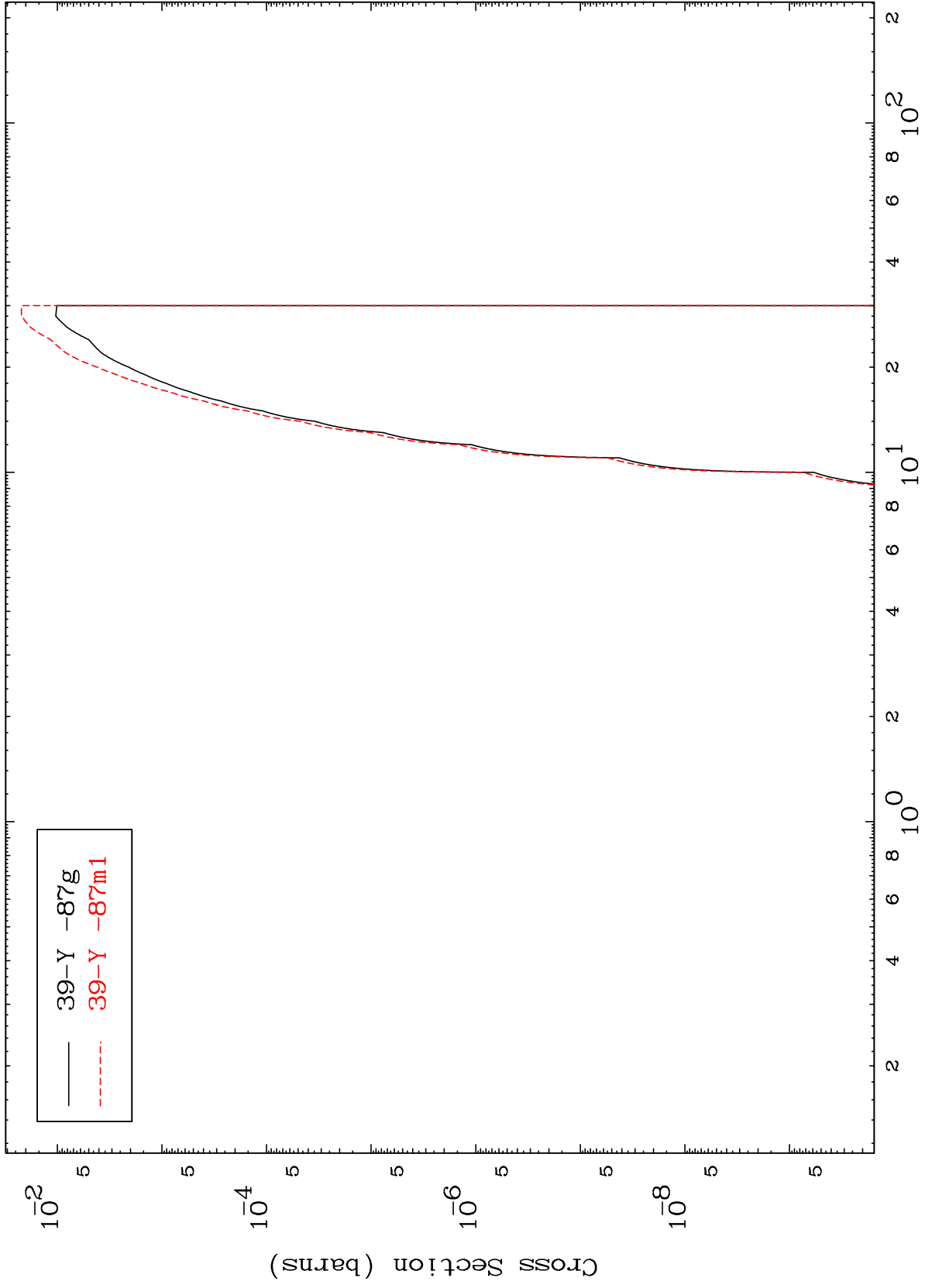
24

MAT 3920

(n,He-3)

39-Y -87m

Radionuclide Production Cross Section



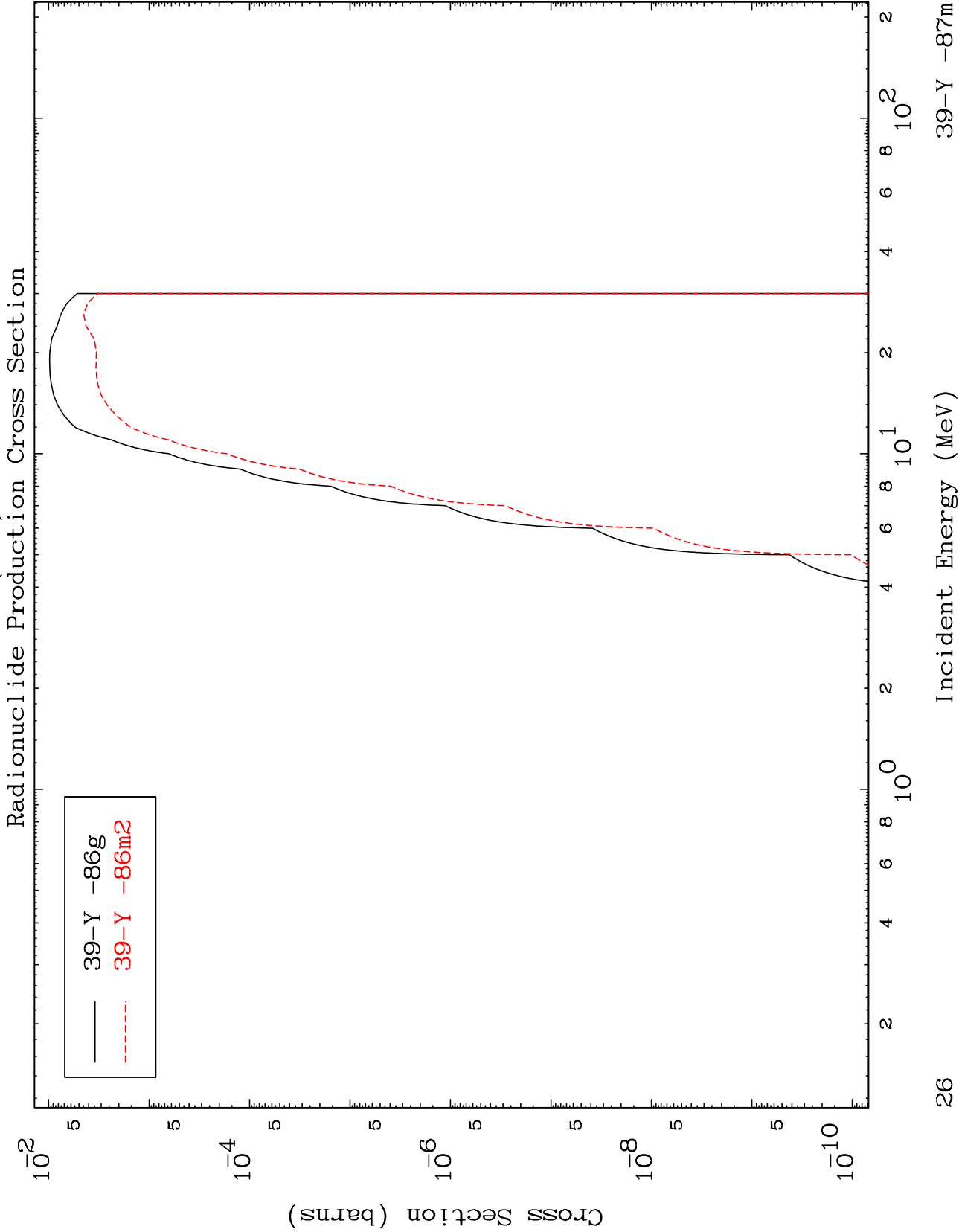
25

Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m



26

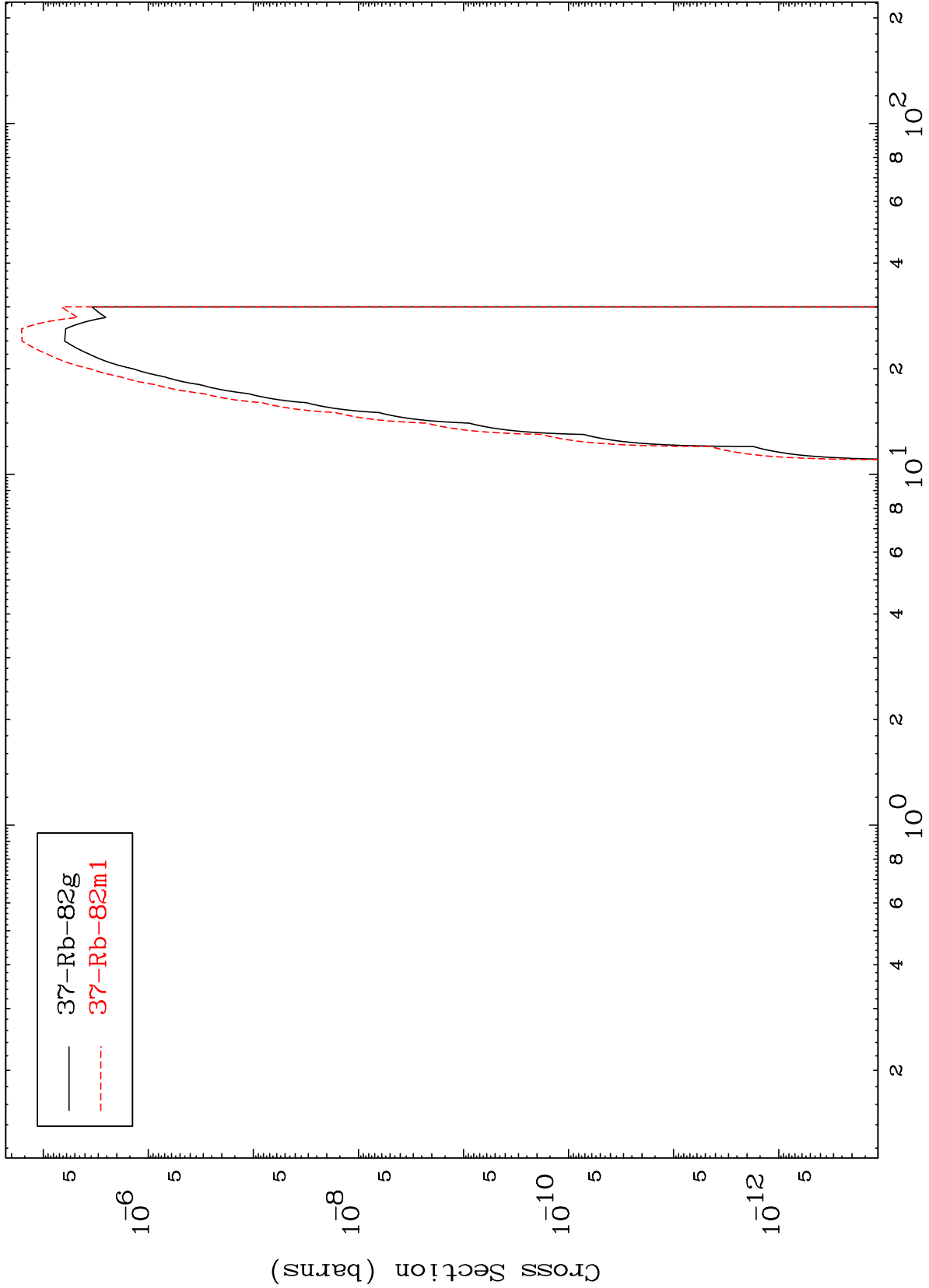
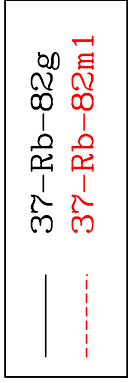
39-Y -87m

MAT 3920

(n,2α)

39-Y -87m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

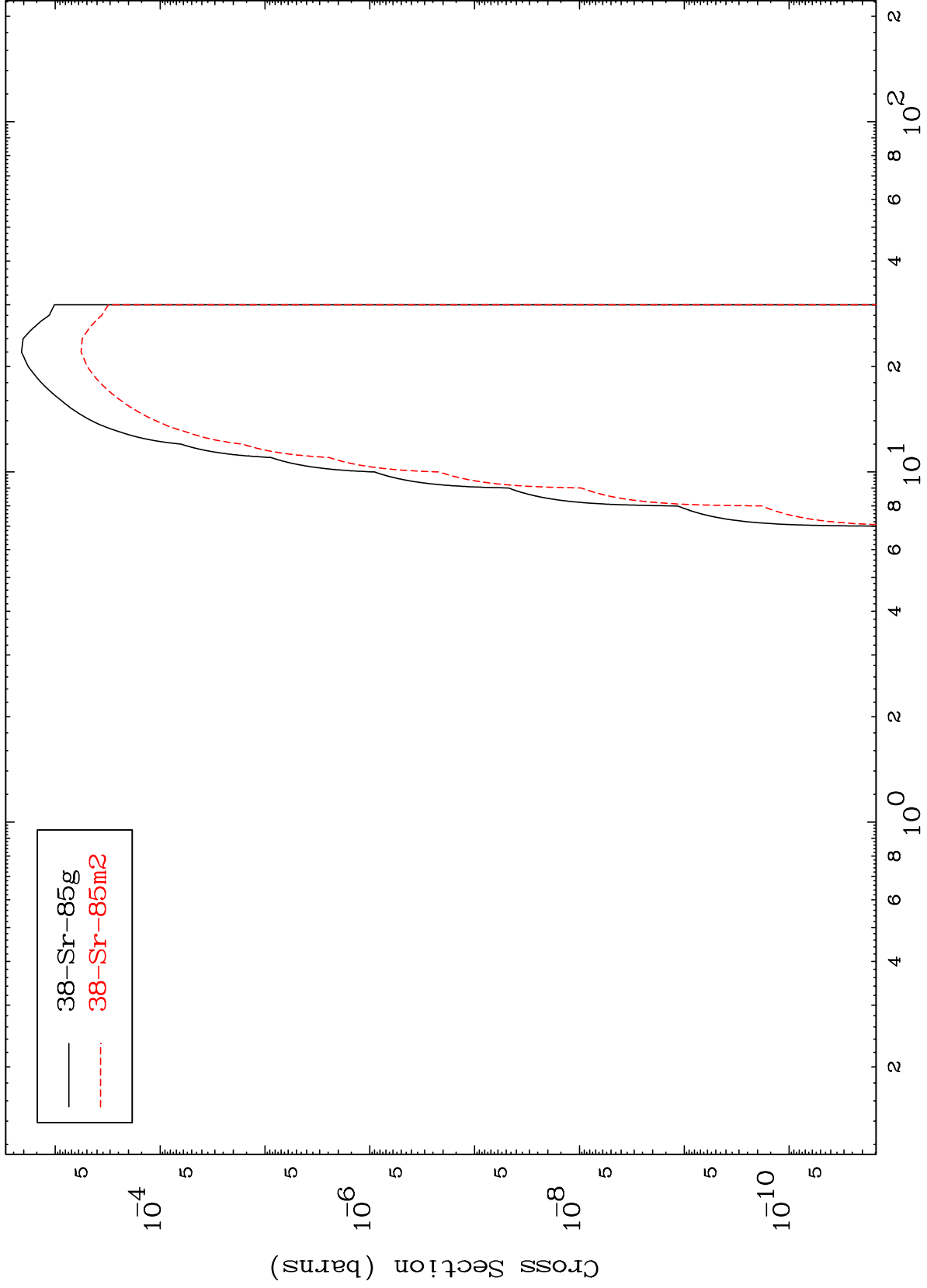
39-Y -87m

MAT 3920

(n,p)  $\alpha$

39-Y -87m

Radionuclide Production Cross Section



28

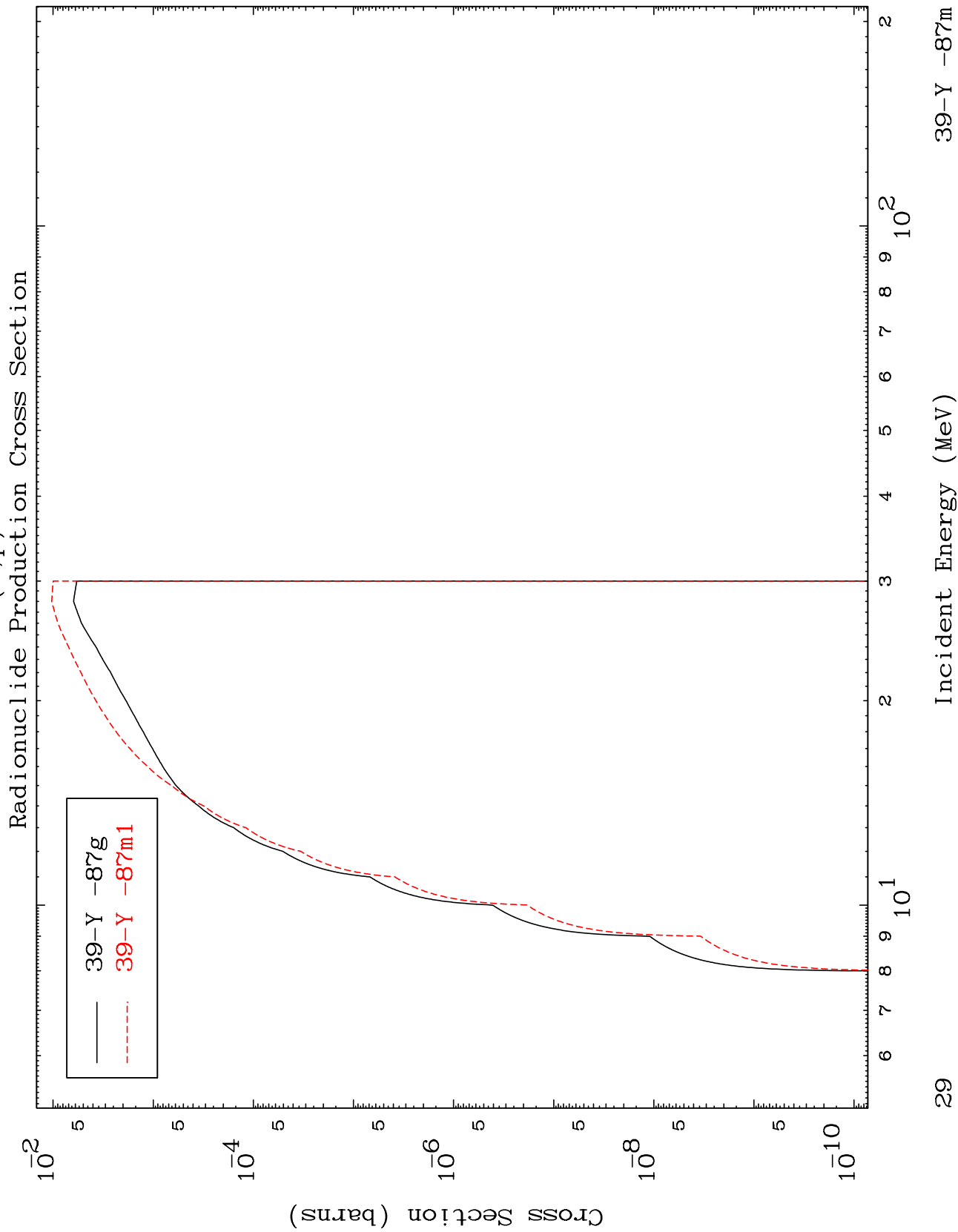
Incident Energy (MeV)

39-Y -87m

MAT 3920

(n,p) d

39-Y -87m



29

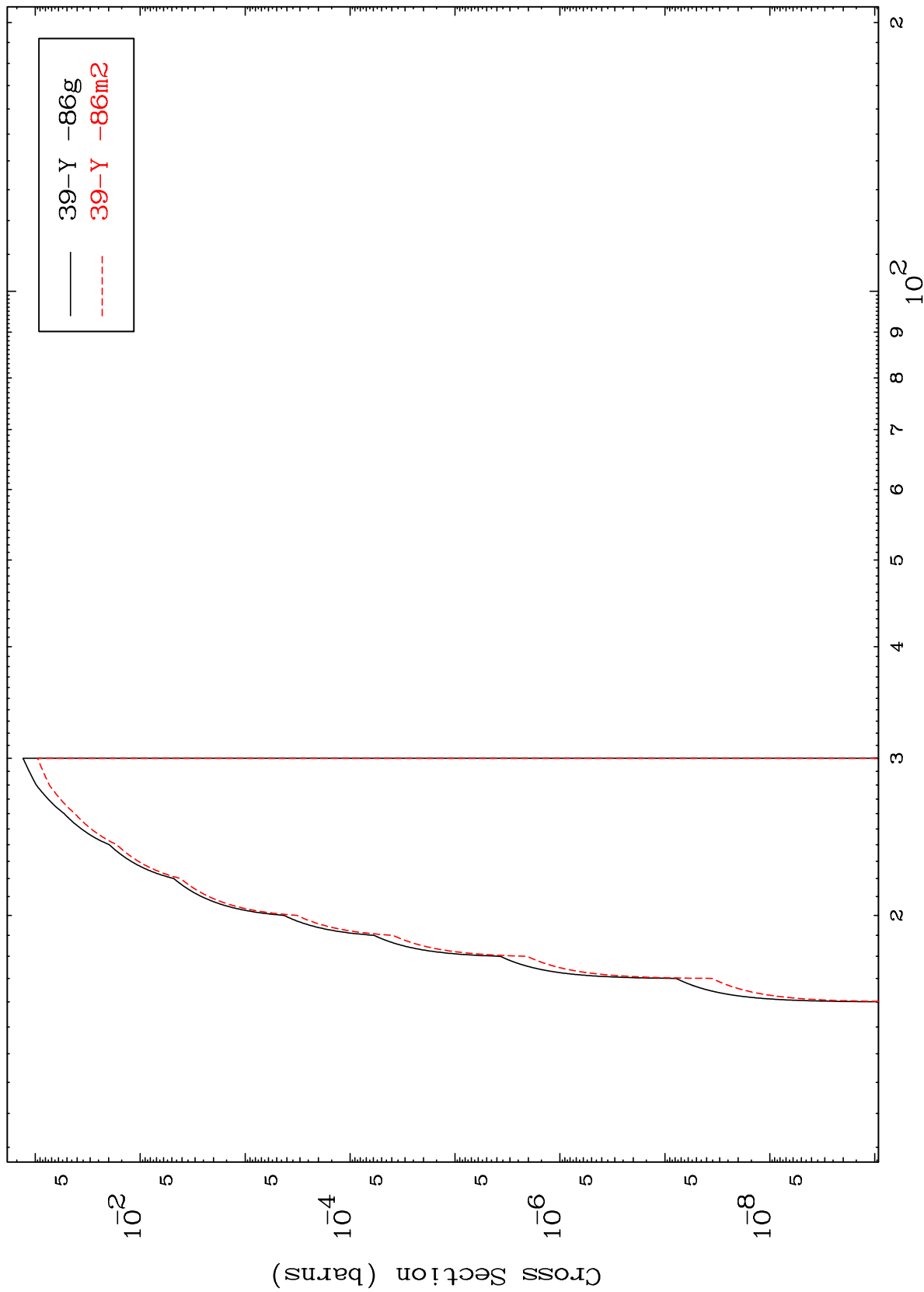
39-Y -87m

MAT 3920

(n,p) t

39-Y -87m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

39-Y -87m