

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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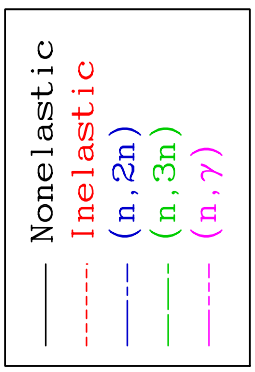
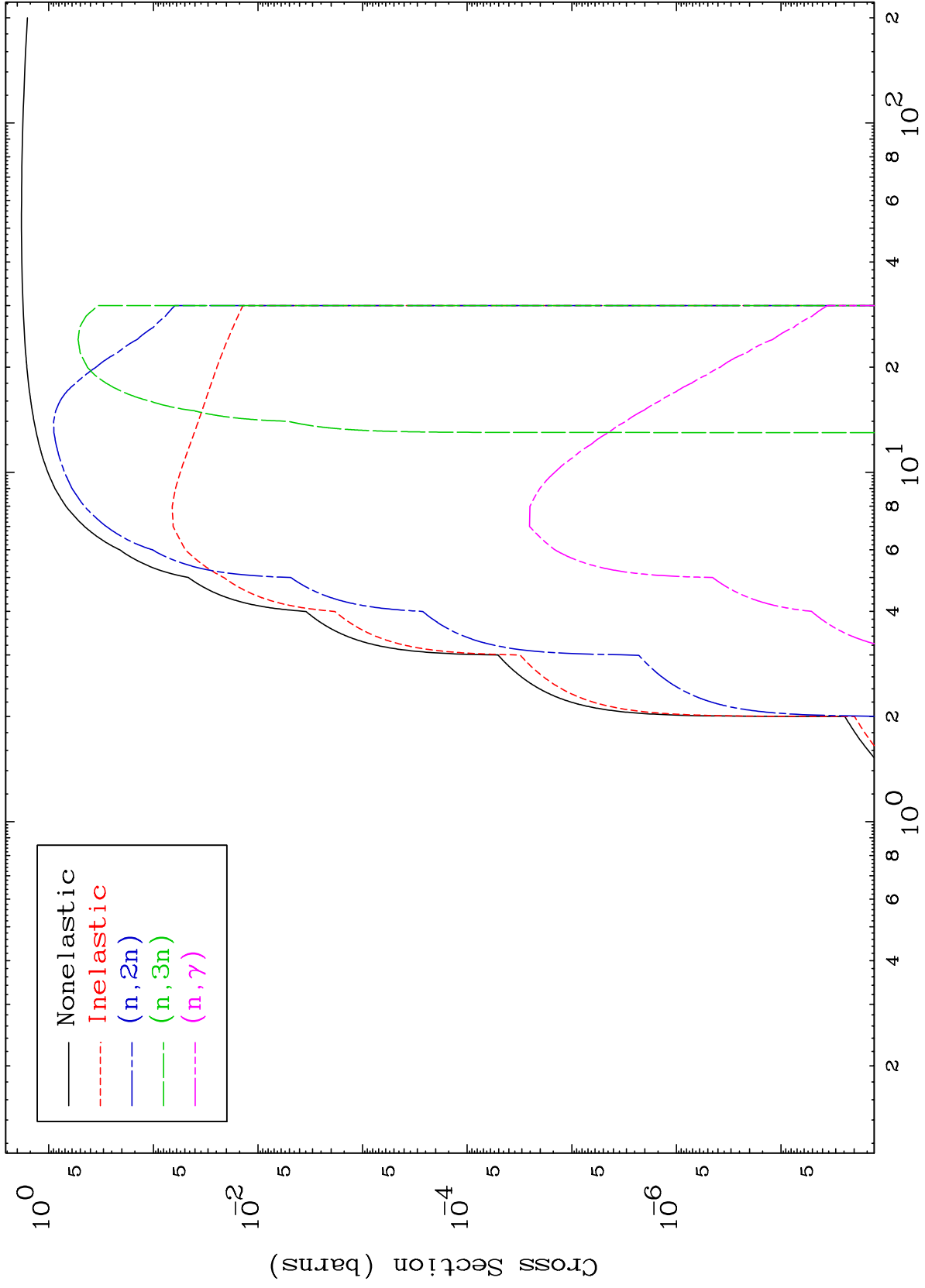
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

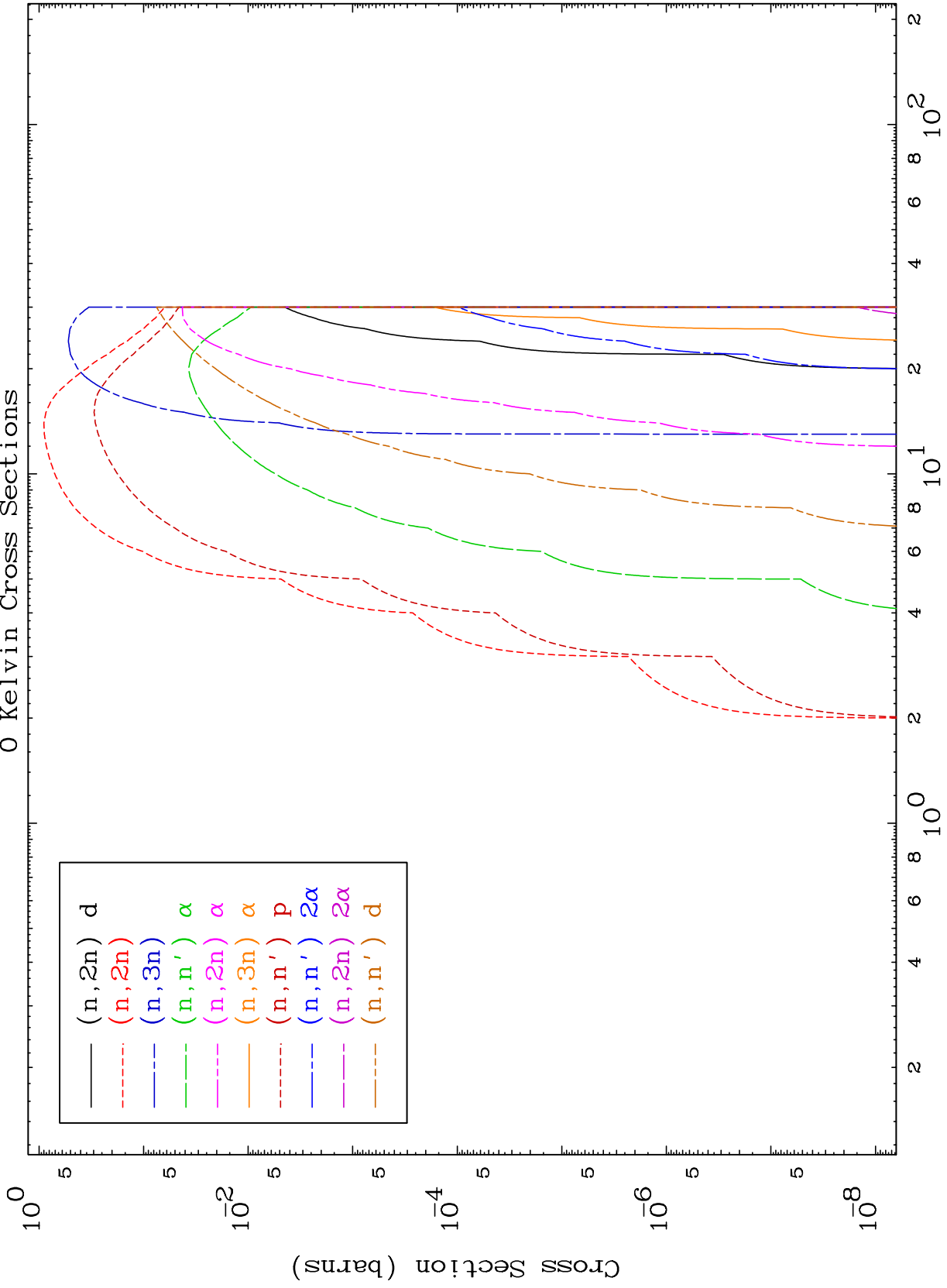
0 Kelvin Cross Sections

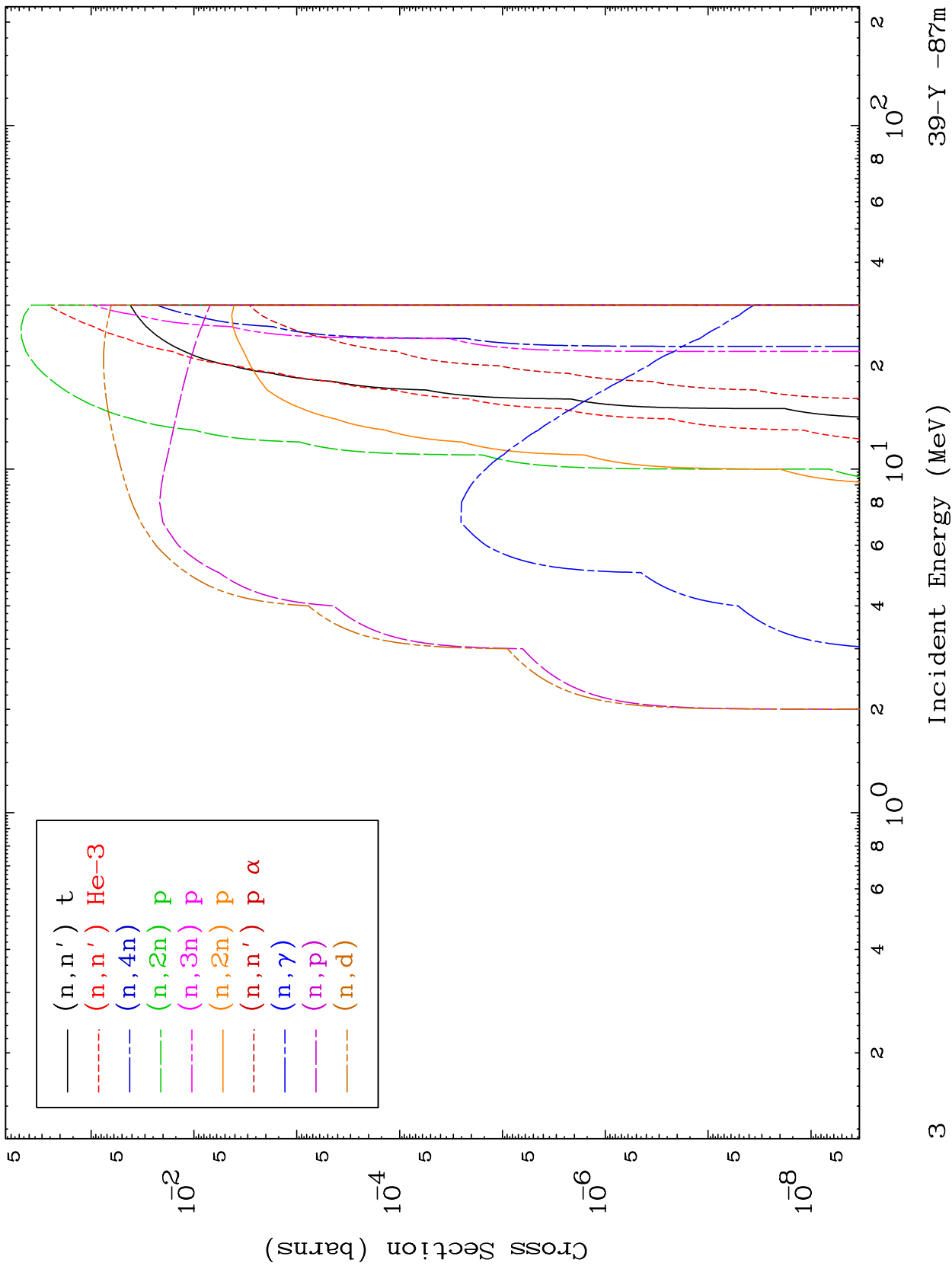


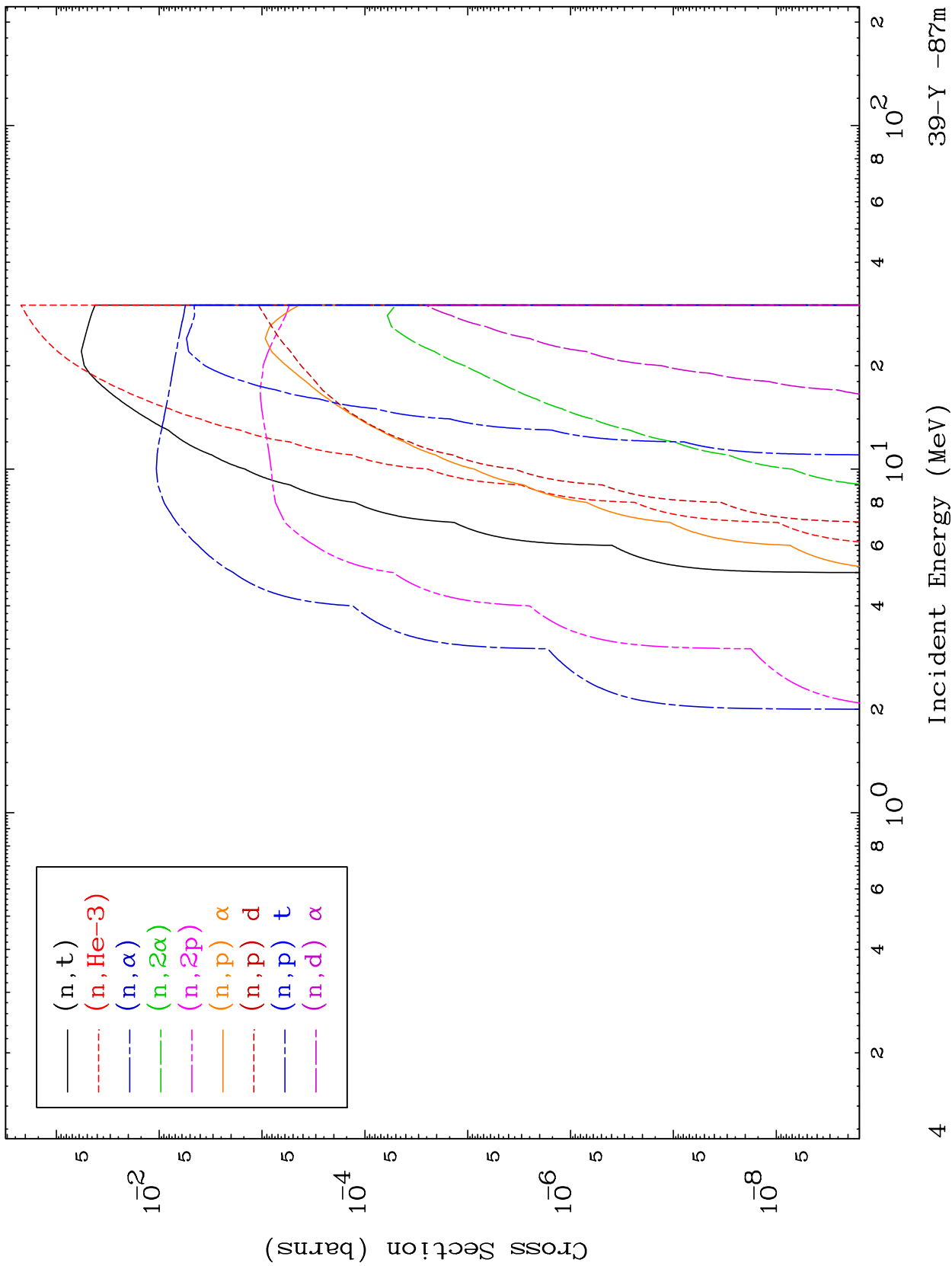
MAT 3920

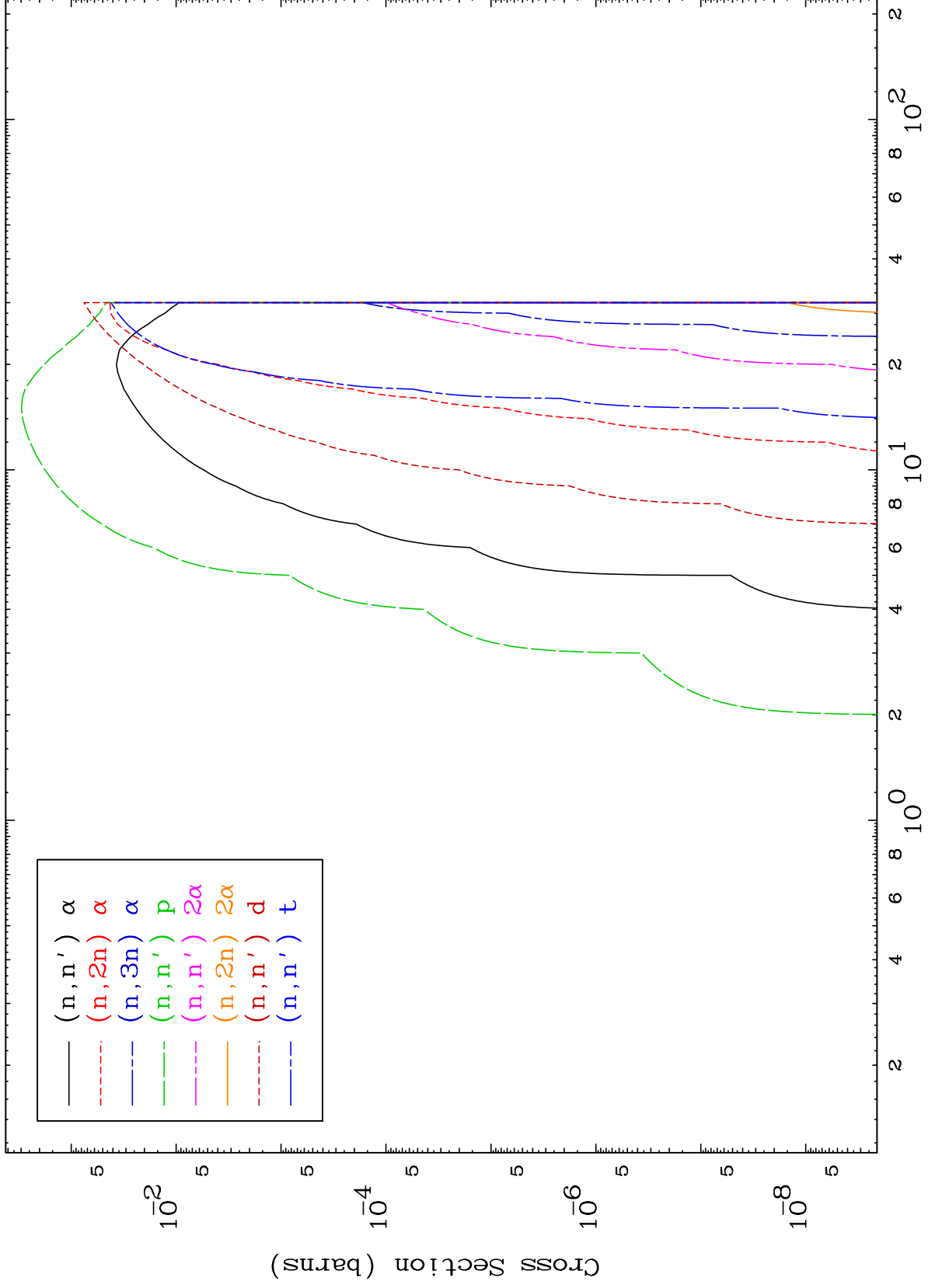
Triton Neutron Absorption  
0 Kelvin Cross Sections

39-Y -87m





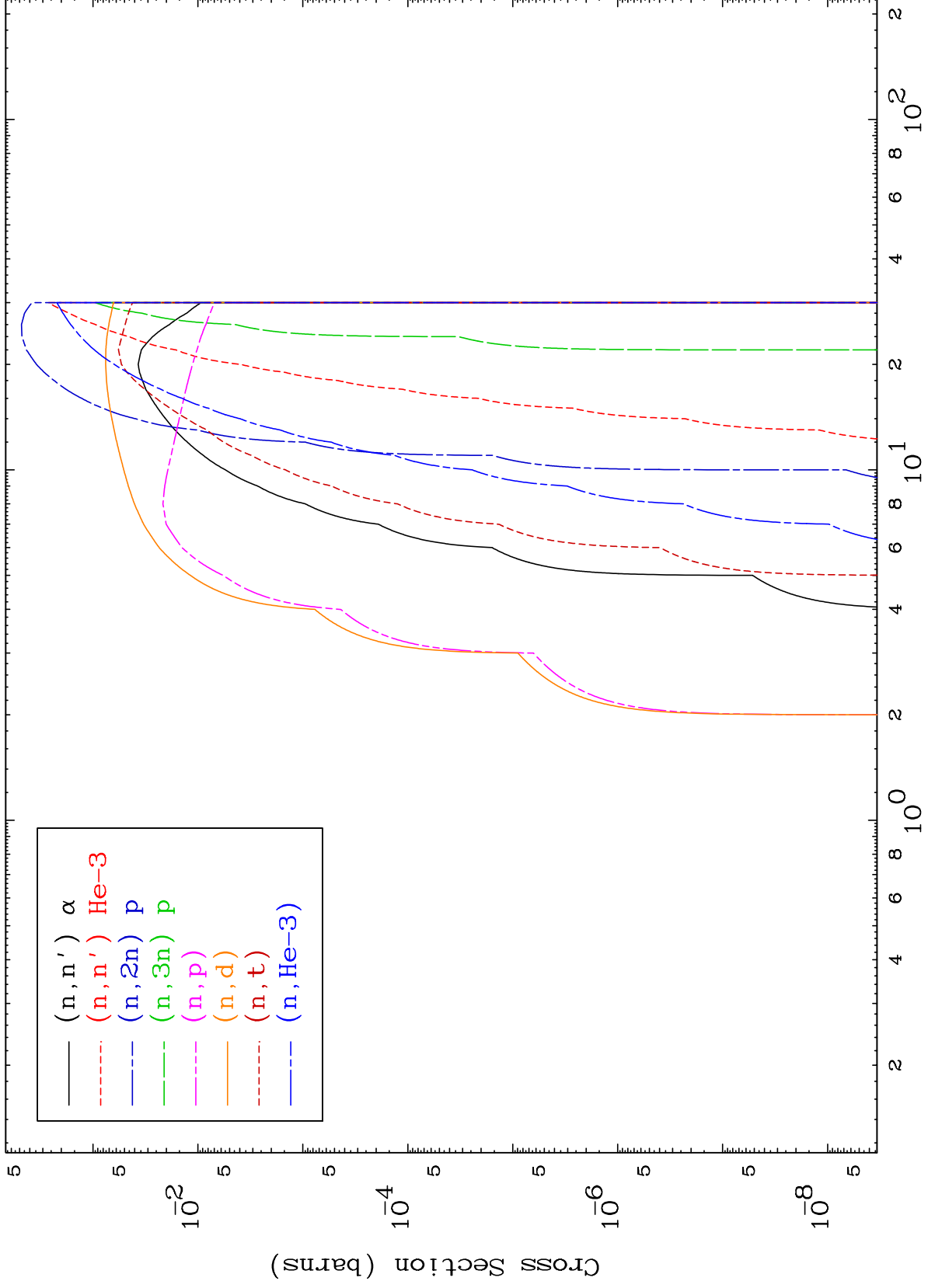


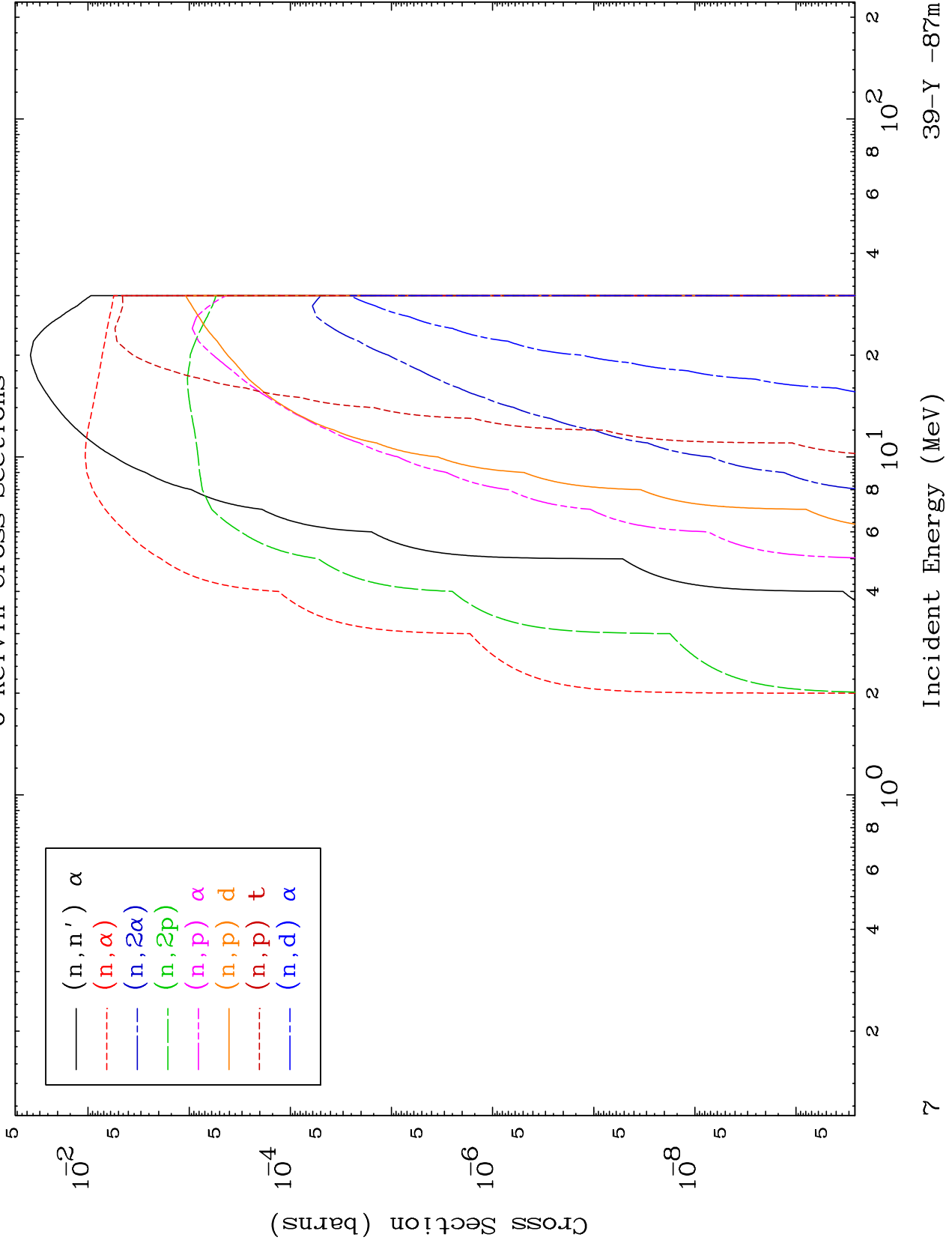


MAT 3920

Triton Charged Particle  
0 Kelvin Cross Sections

39-Y -87m

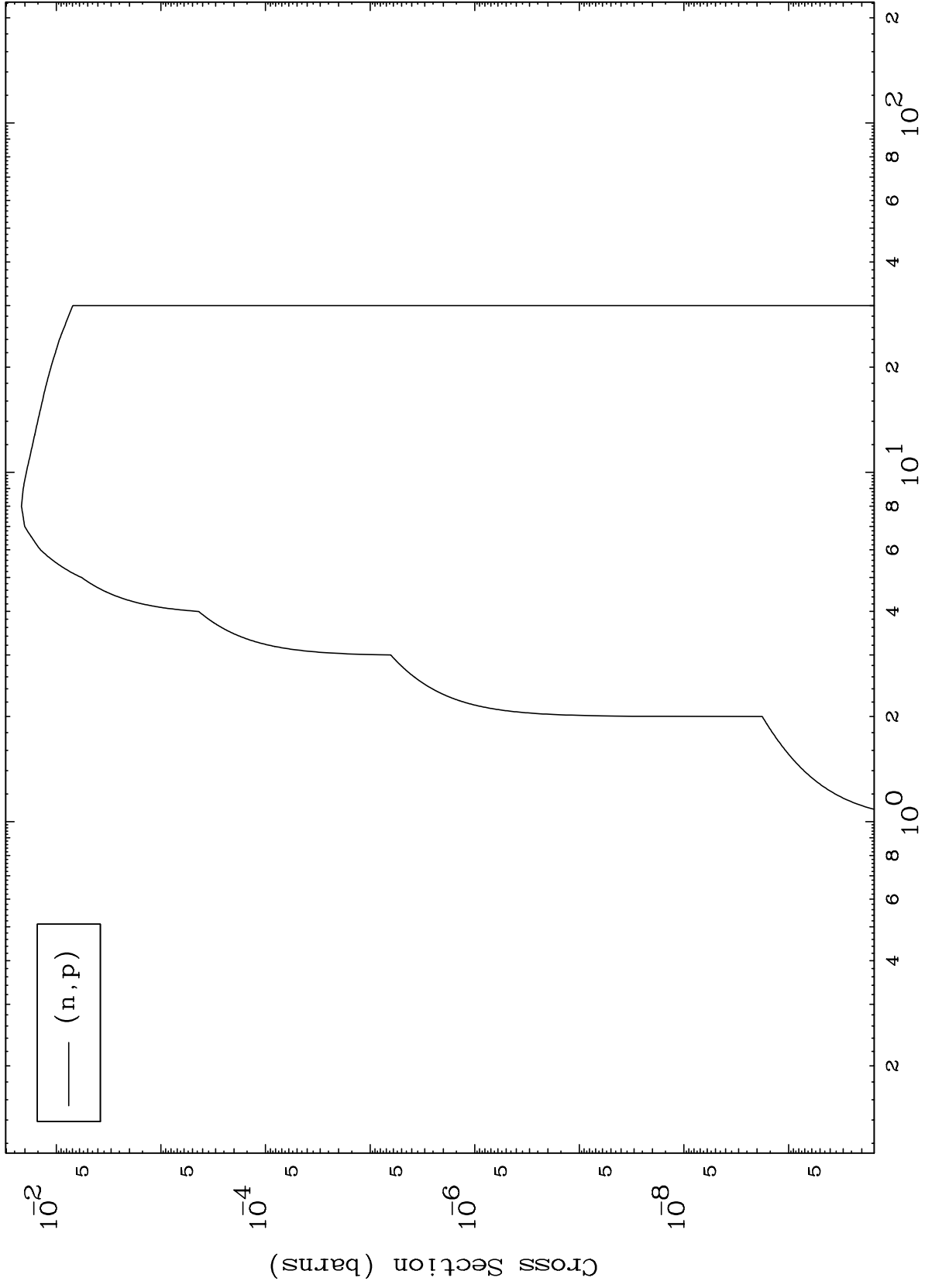




MAT 3920

(t,p) Levels  
0 Kelvin Cross Sections

39-Y -87m

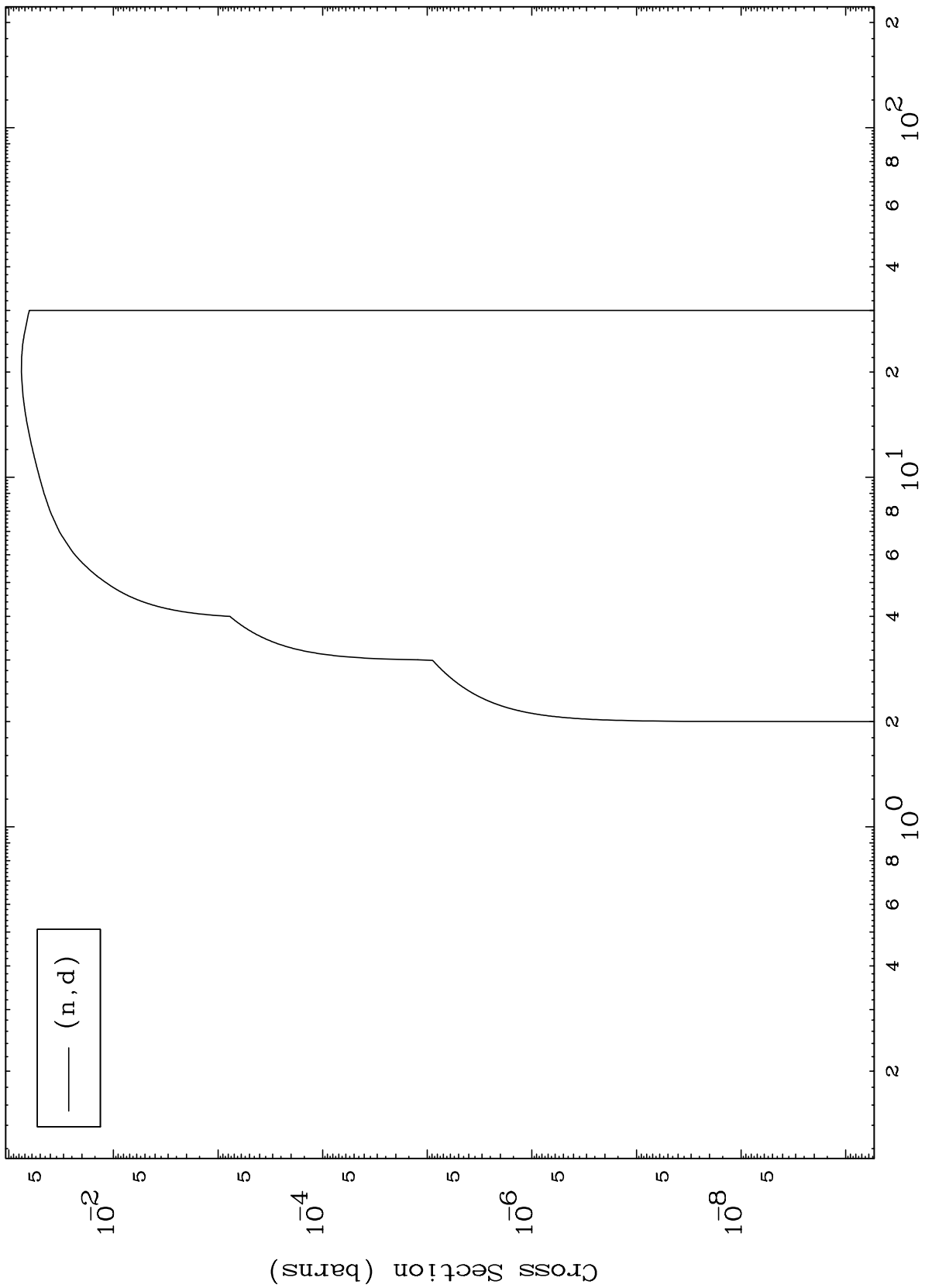


MAT 3920

(t,d) Levels

39-Y -87m

0 Kelvin Cross Sections

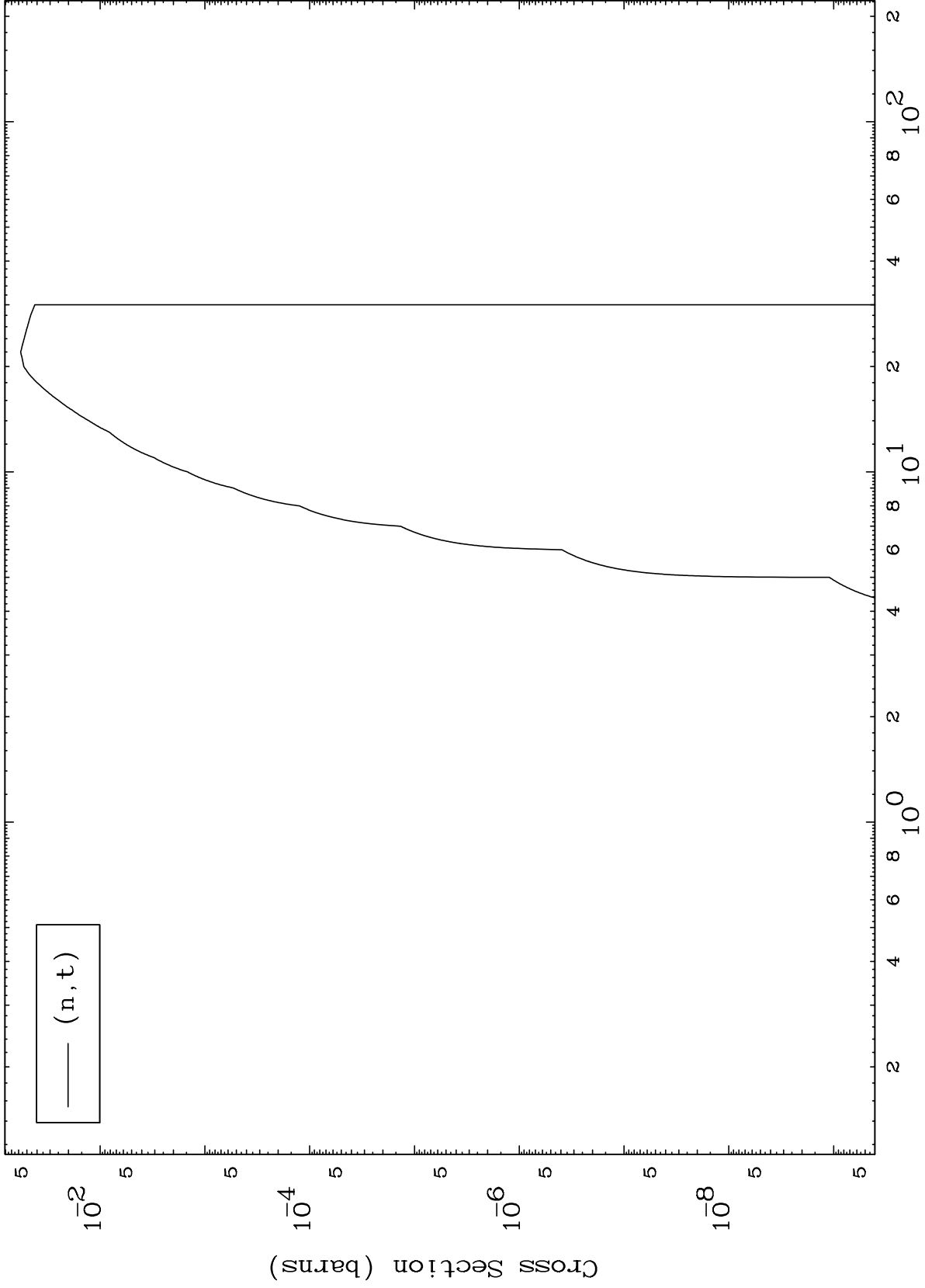


MAT 3920

(t, t) Levels

39-Y -87m

0 Kelvin Cross Sections



10

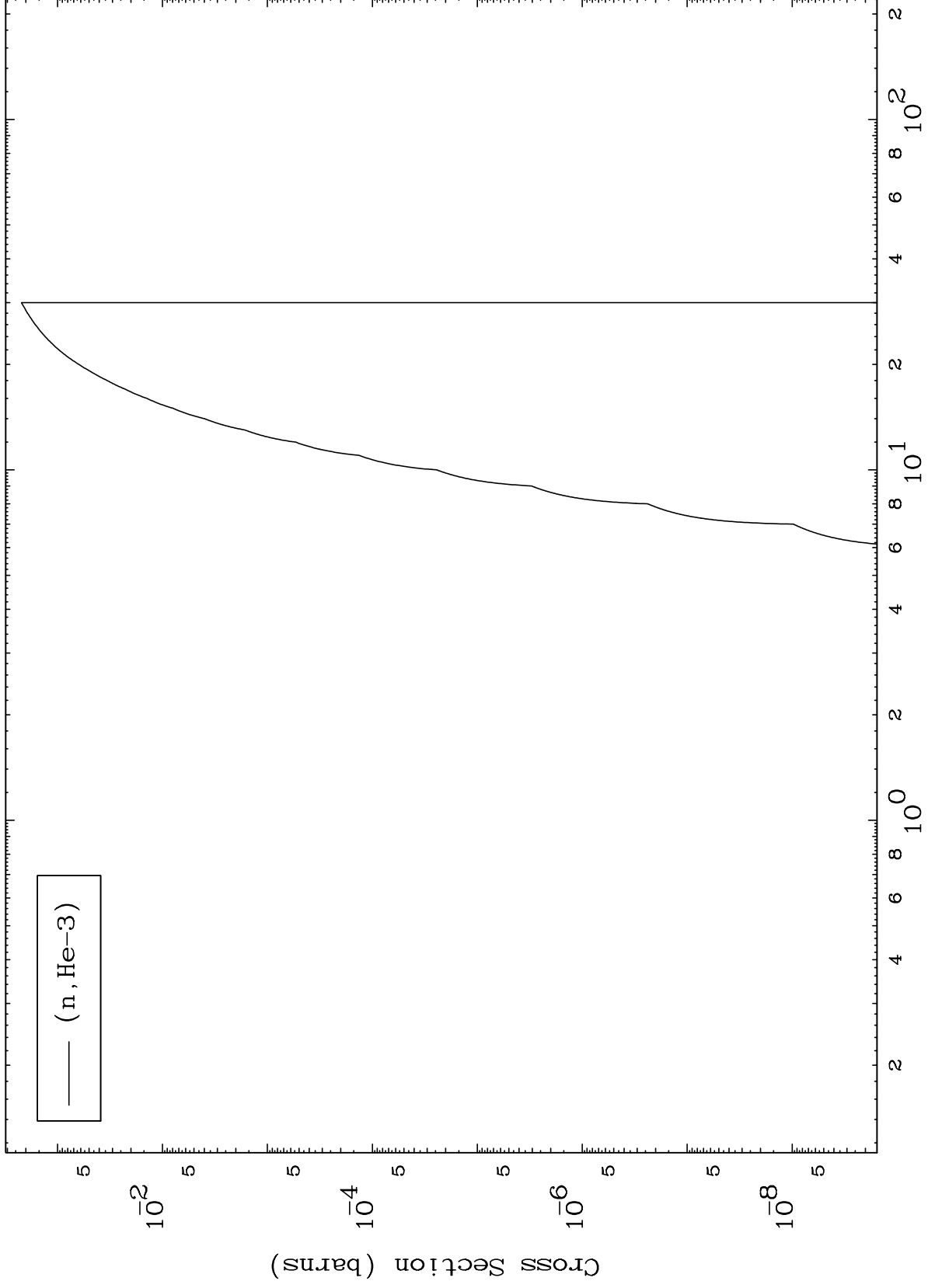
Incident Energy (MeV)

39-Y -87m

MAT 3920

(t,He3) Levels  
0 Kelvin Cross Sections

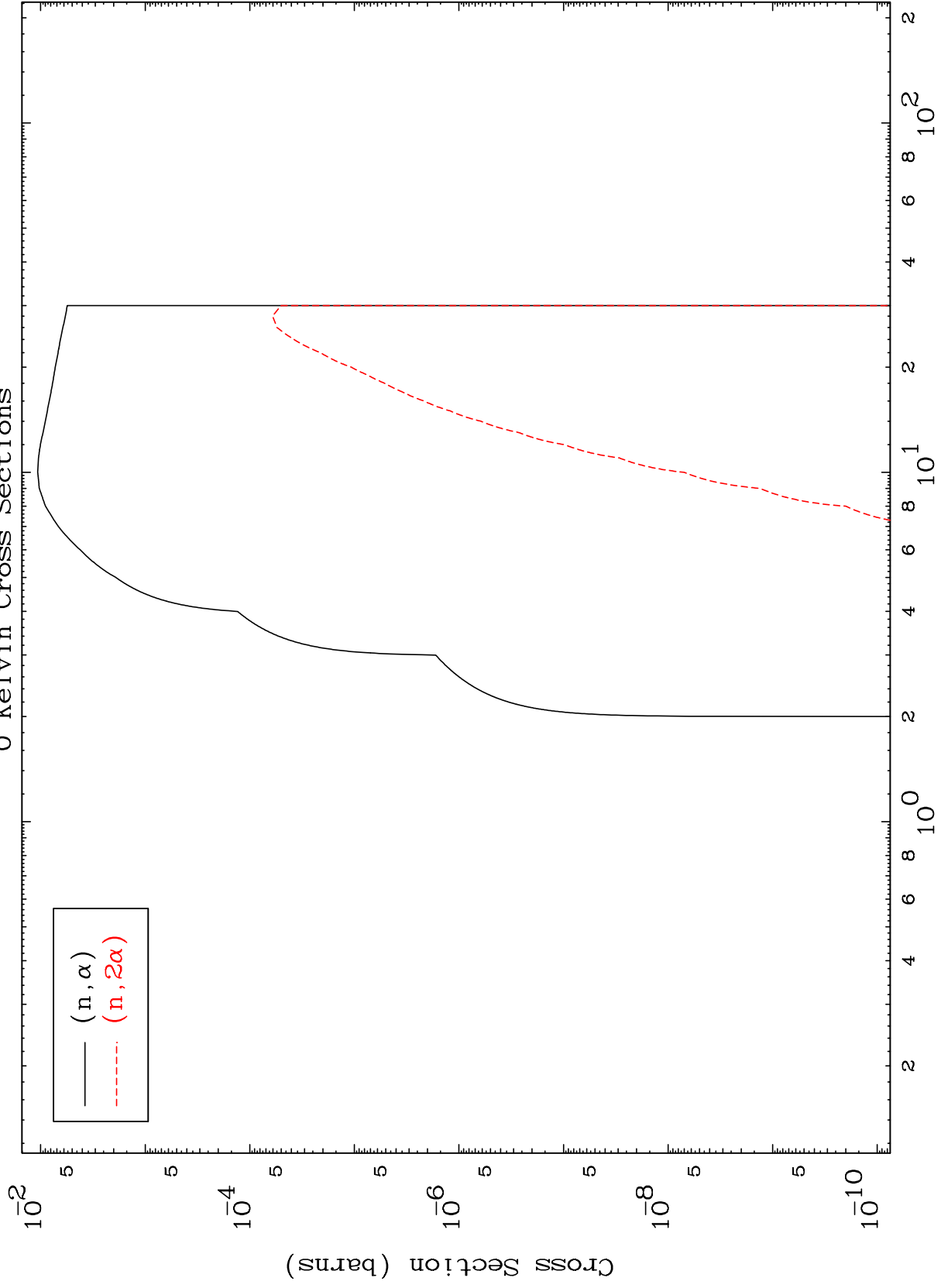
39-Y -87m



MAT 3920

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

39-Y -87m



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

12

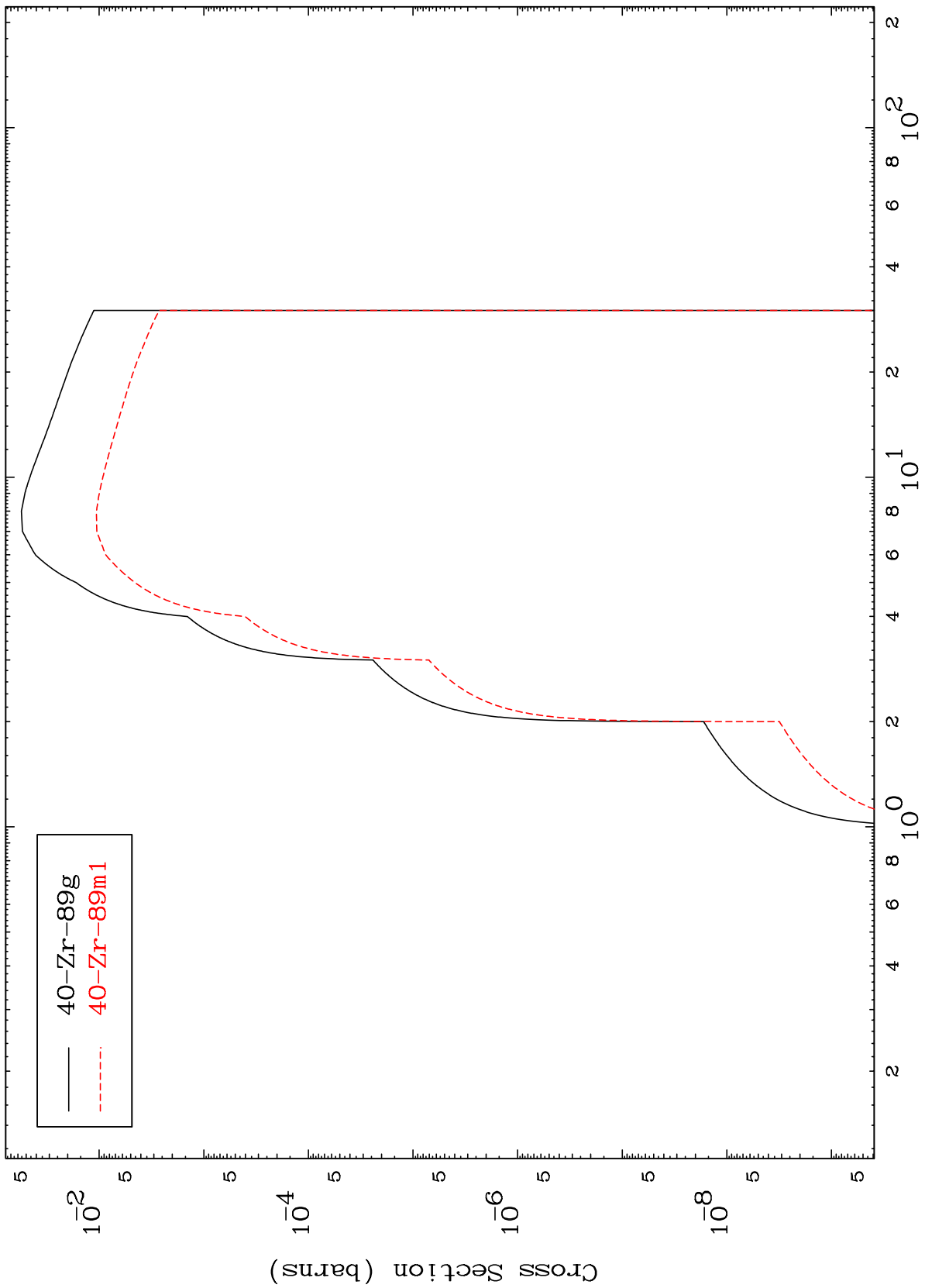
Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m

Radionuclide Production Cross Section



— 40-Zr-89g  
- - - 40-Zr-89m1

39-Y -87m

Incident Energy (MeV)

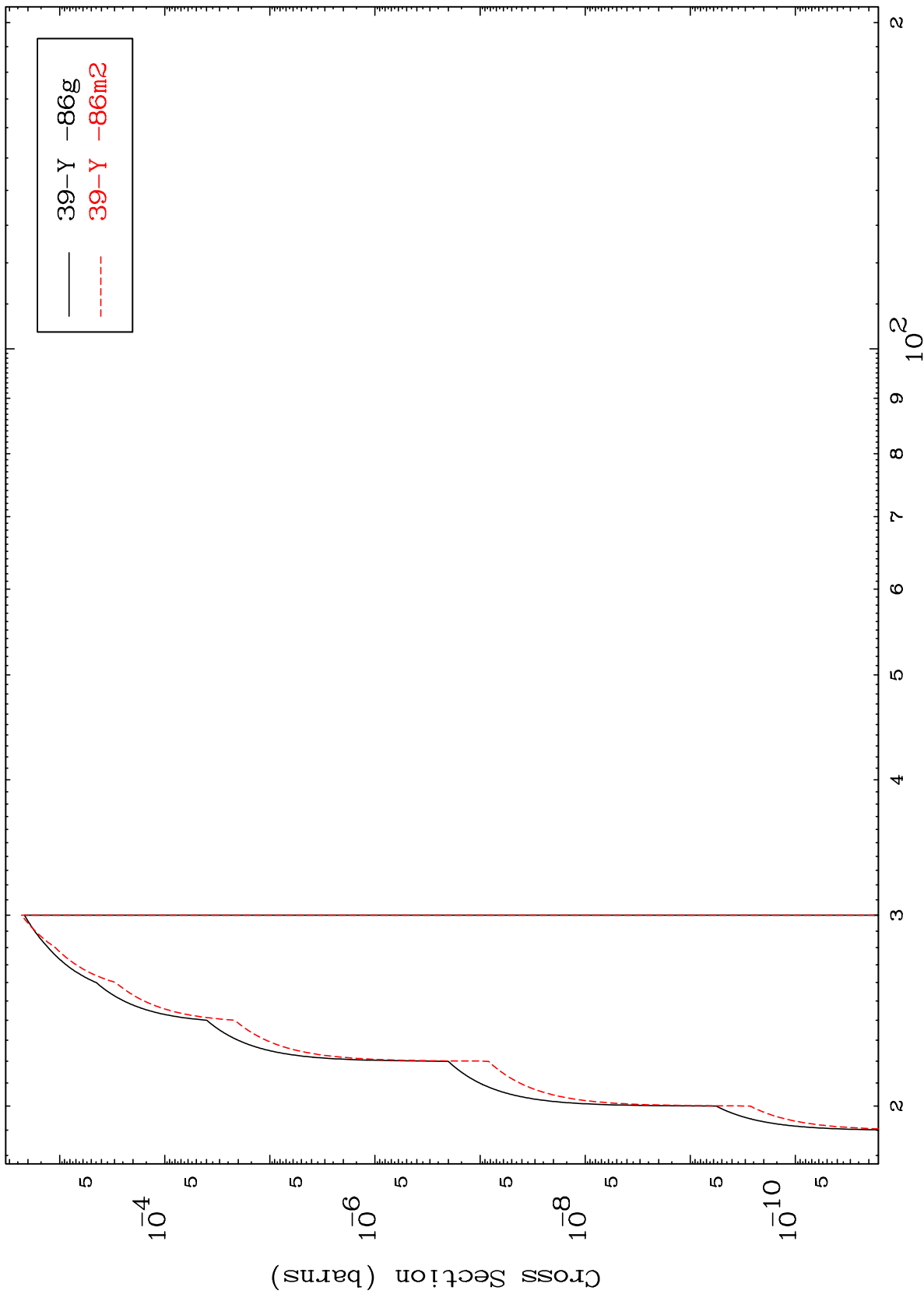
13

MAT 3920

(n,2n) d

39-Y -87m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

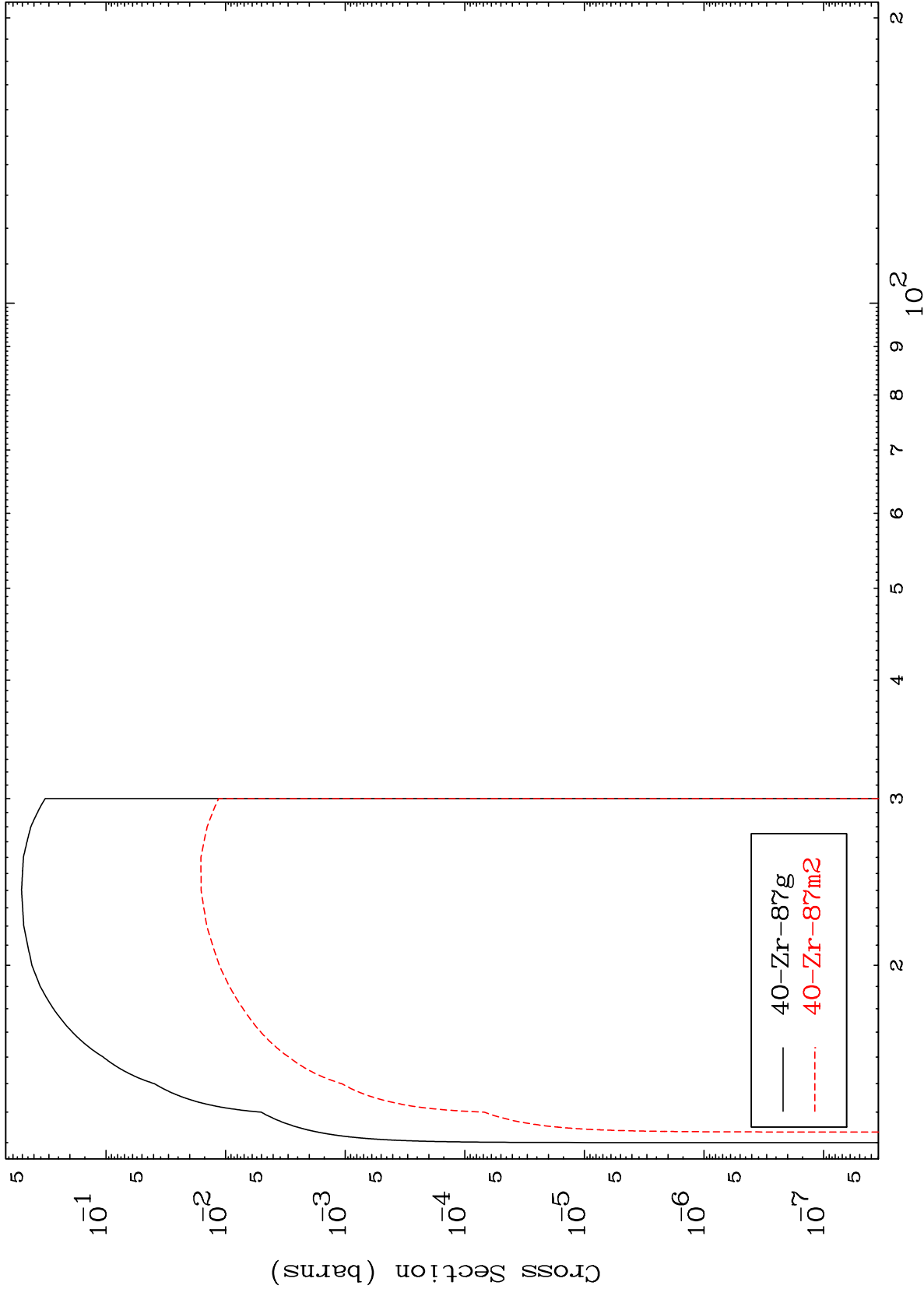
39-Y -87m

MAT 3920

(n,3n)

39-Y -87m

Radionuclide Production Cross Section



Incident Energy (MeV)

39-Y -87m

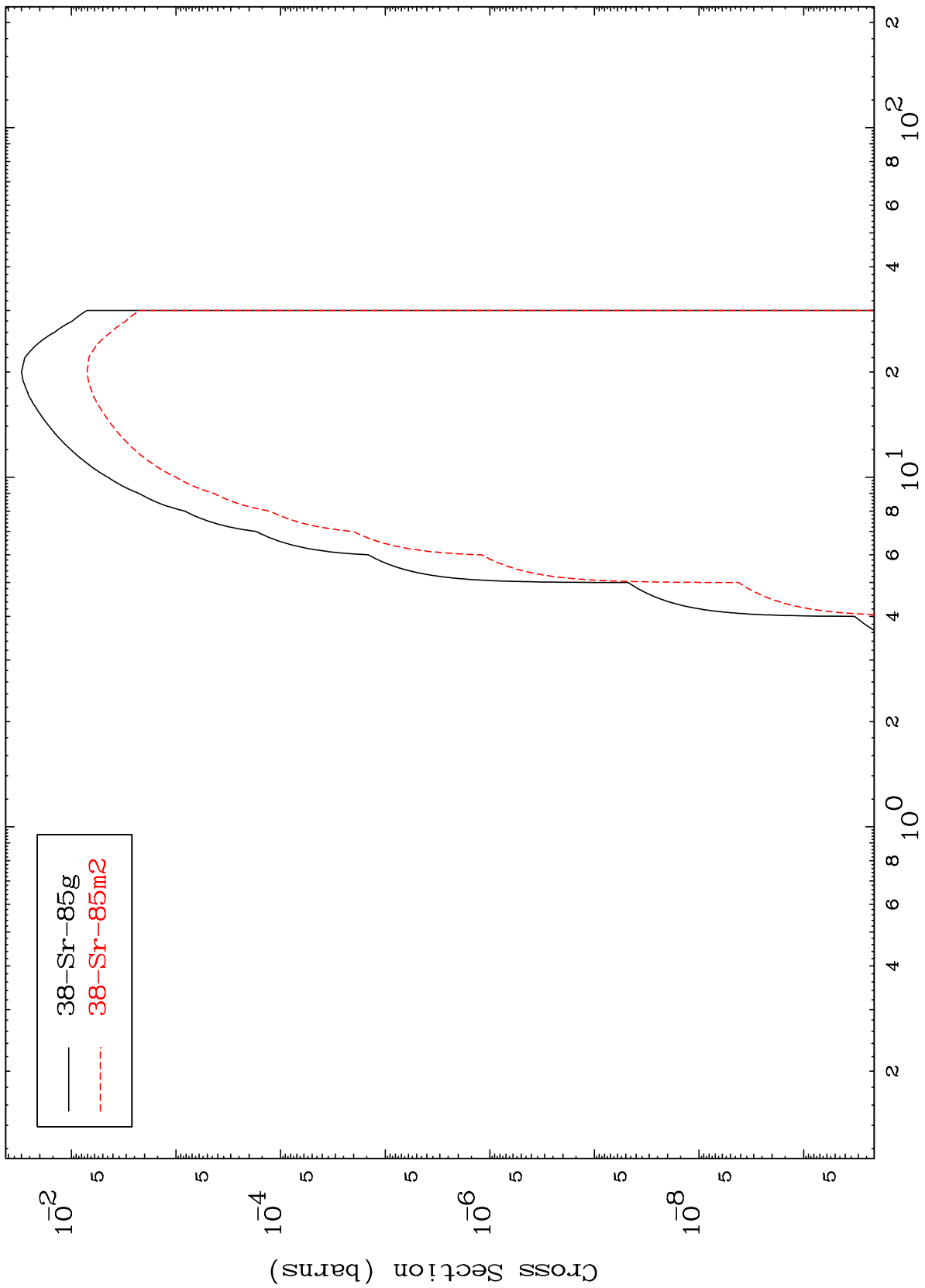
15

MAT 3920

$(n, n')$   $\alpha$

39-Y -87m

Radionuclide Production Cross Section



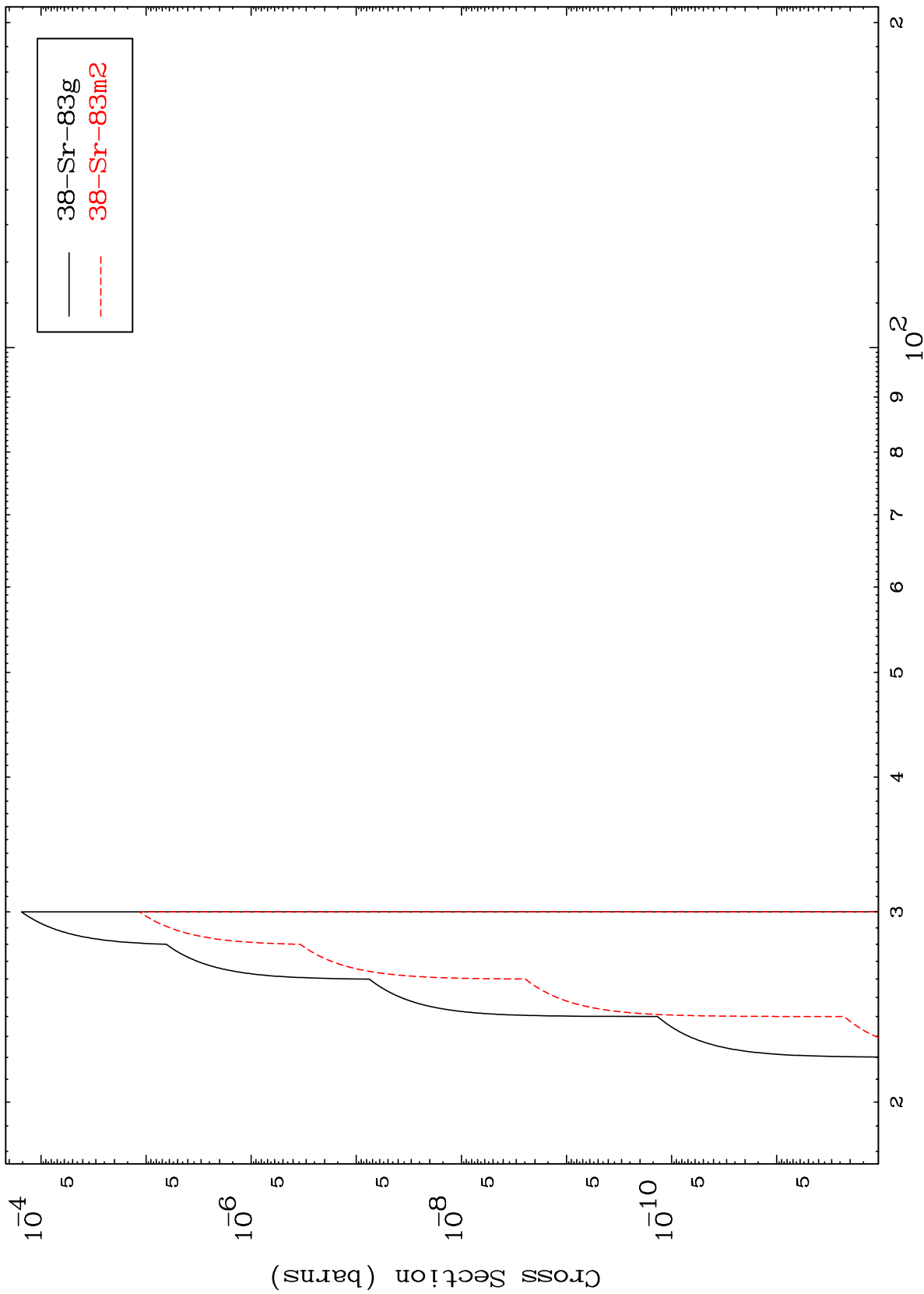
— 38-Sr-85g  
- - - 38-Sr-85m2

16

Incident Energy (MeV)

39-Y -87m

Radionuclide Production Cross Section

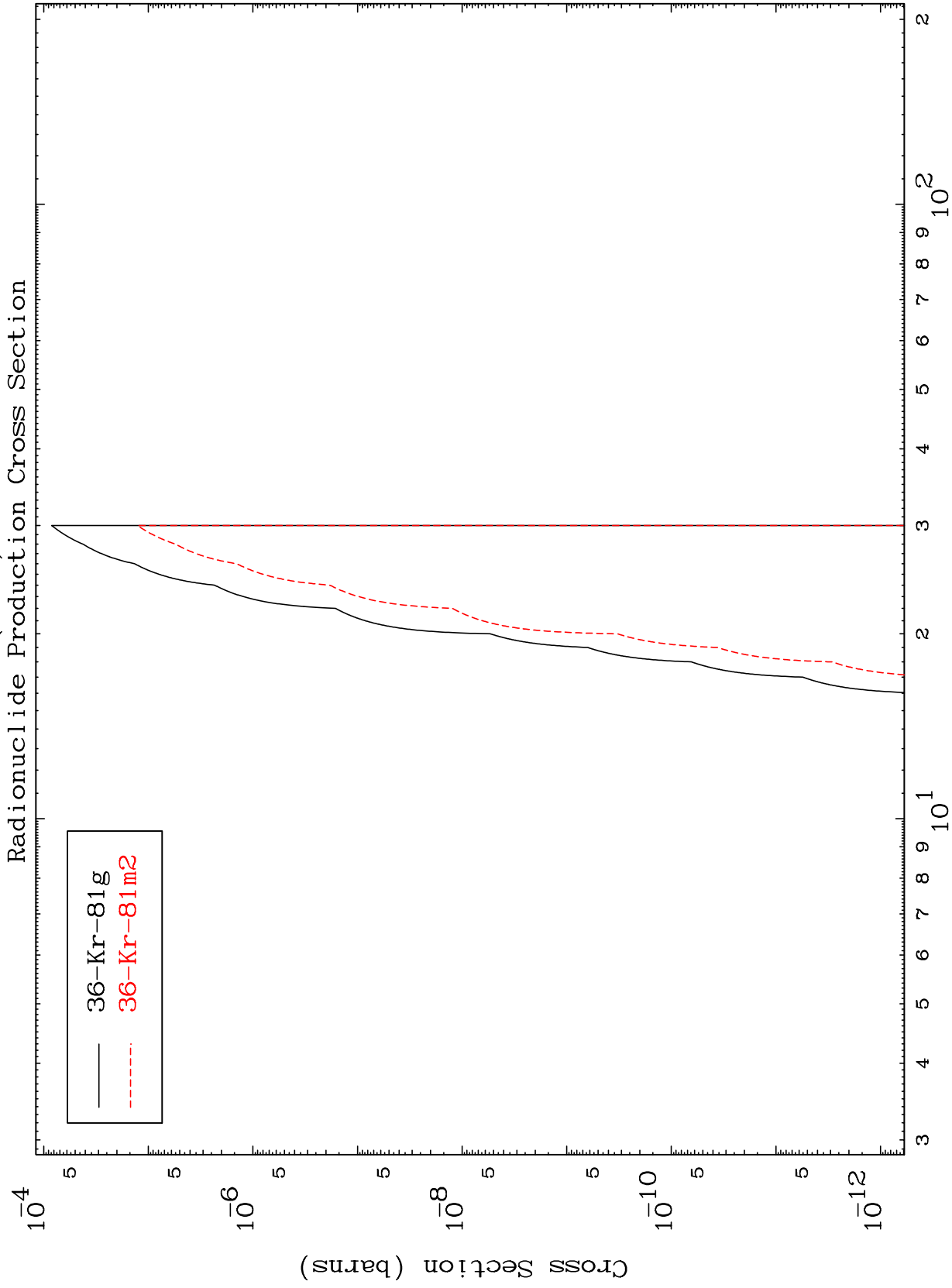


MAT 3920

(n,n') 2α

39-Y -87m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

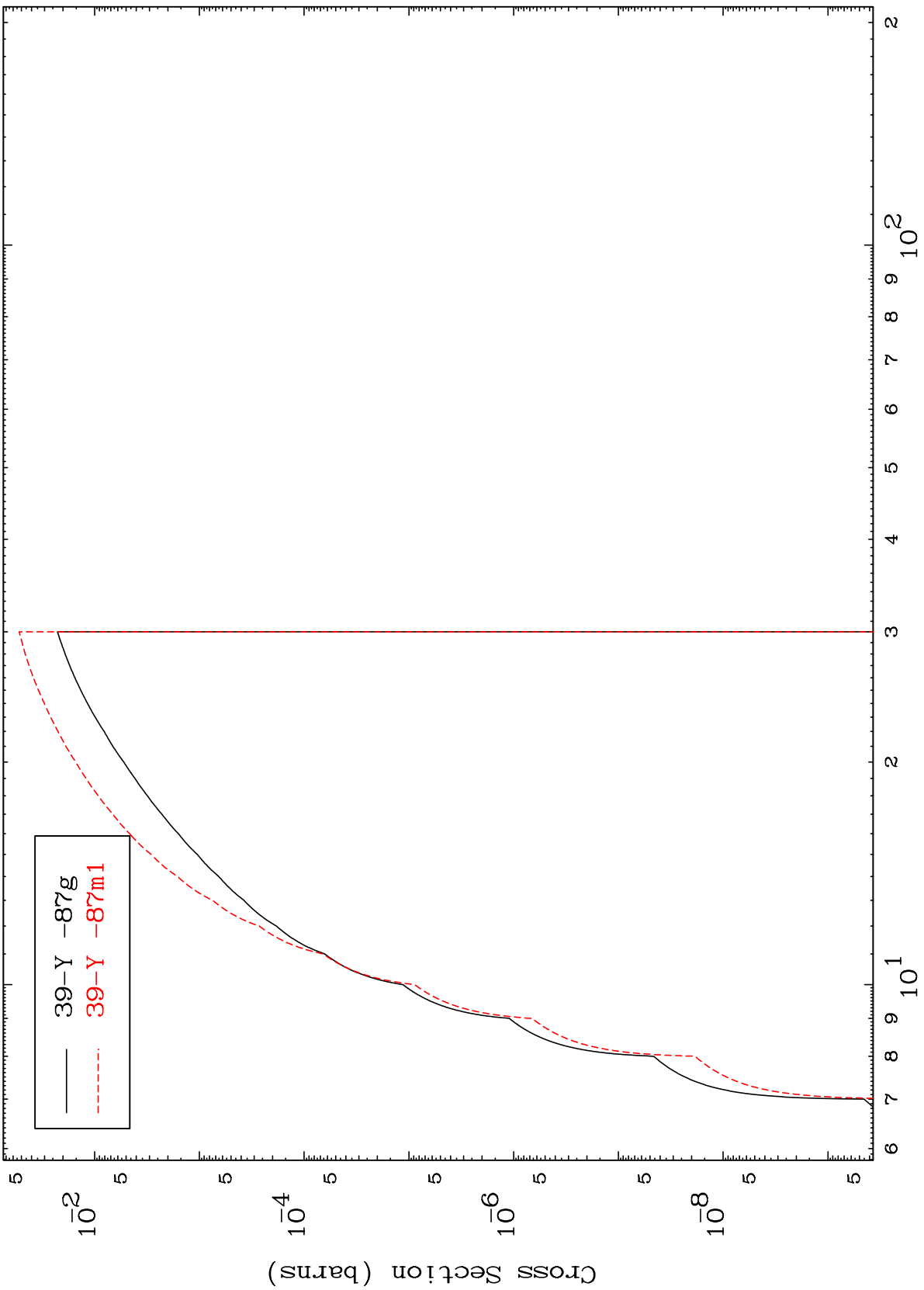
39-Y -87m

MAT 3920

(n,n') d

39-Y -87m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

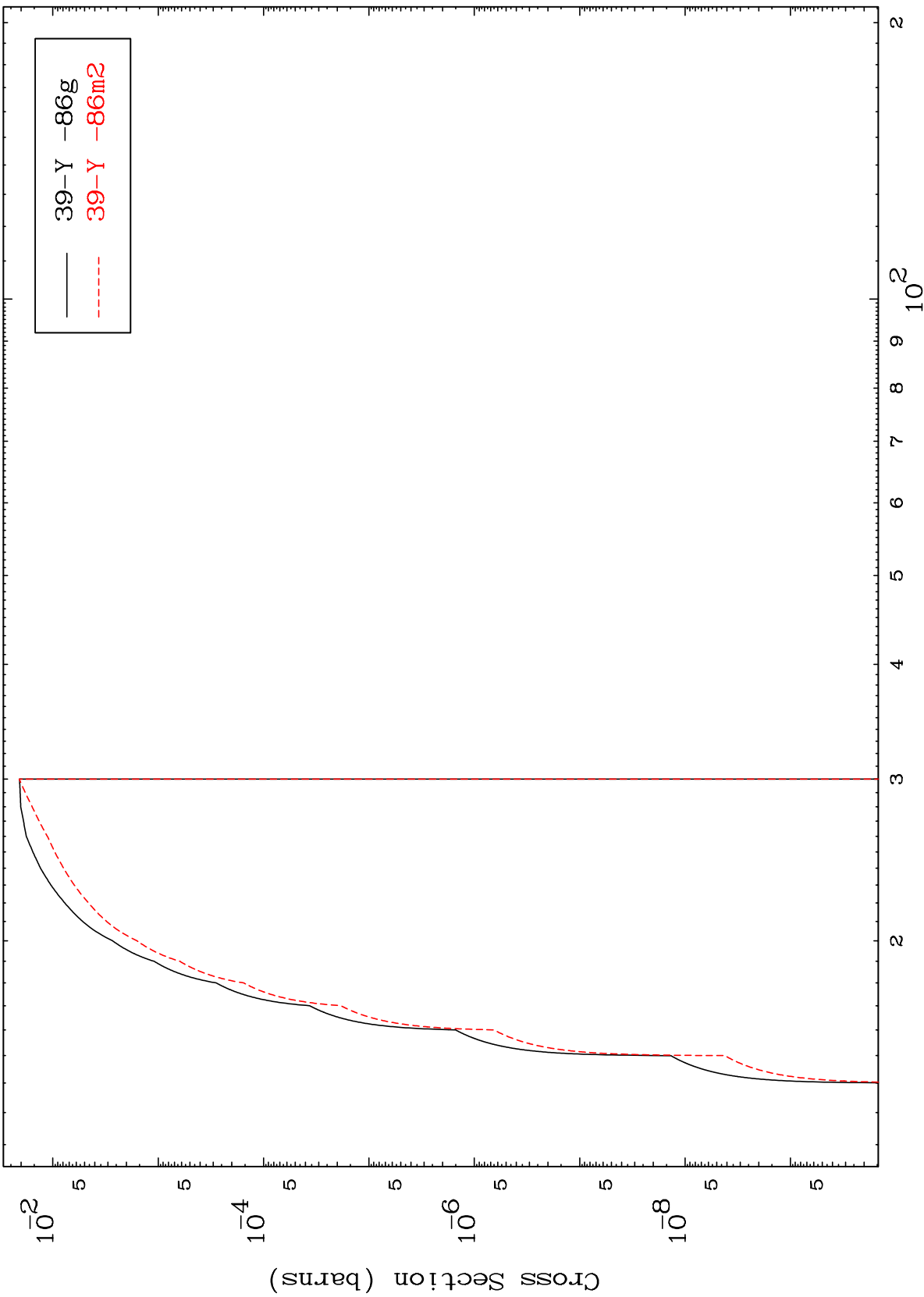
39-Y -87m

MAT 3920

(n,n') t

39-Y -87m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

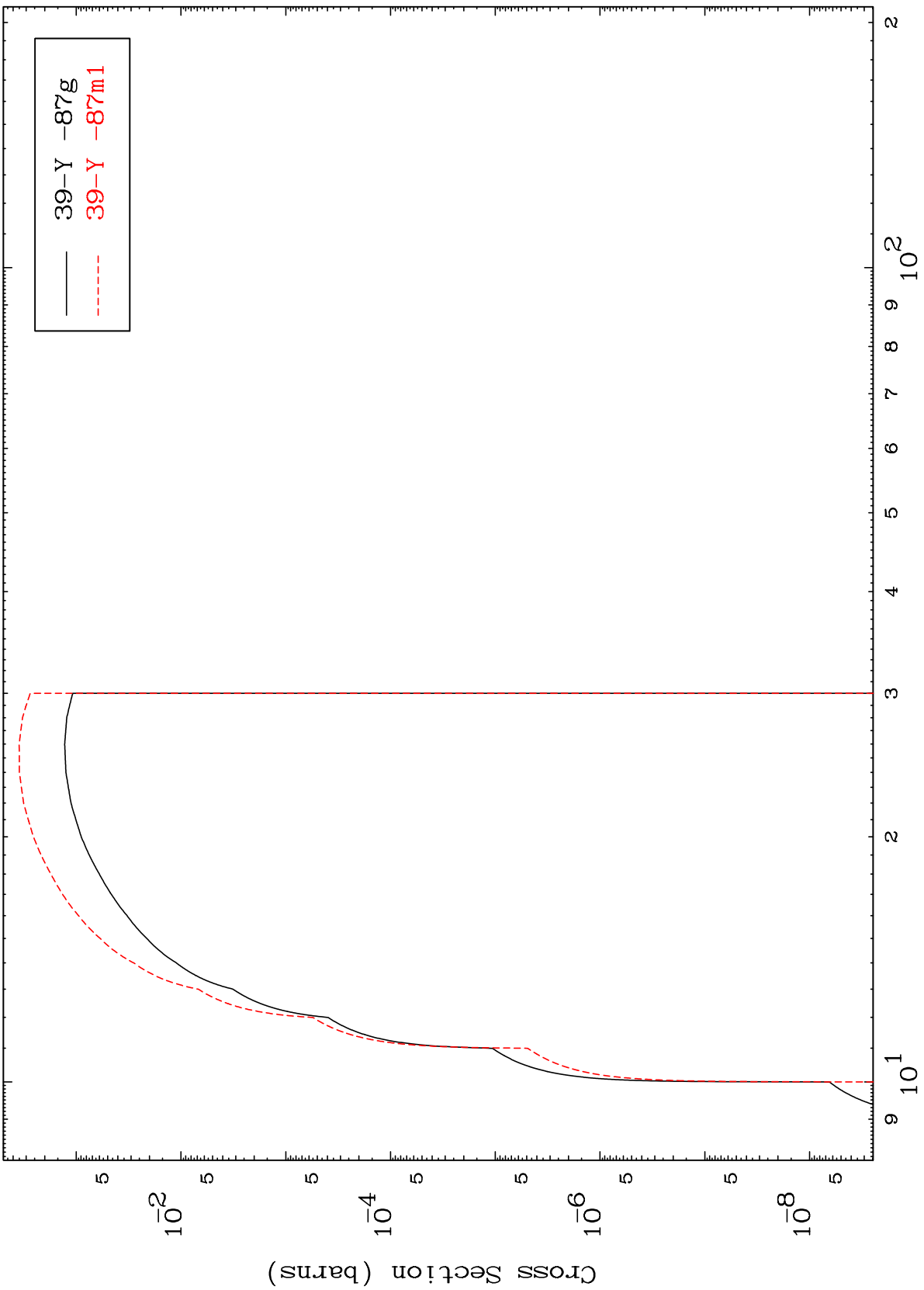
39-Y -87m

MAT 3920

(n,2n) p

39-Y -87m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

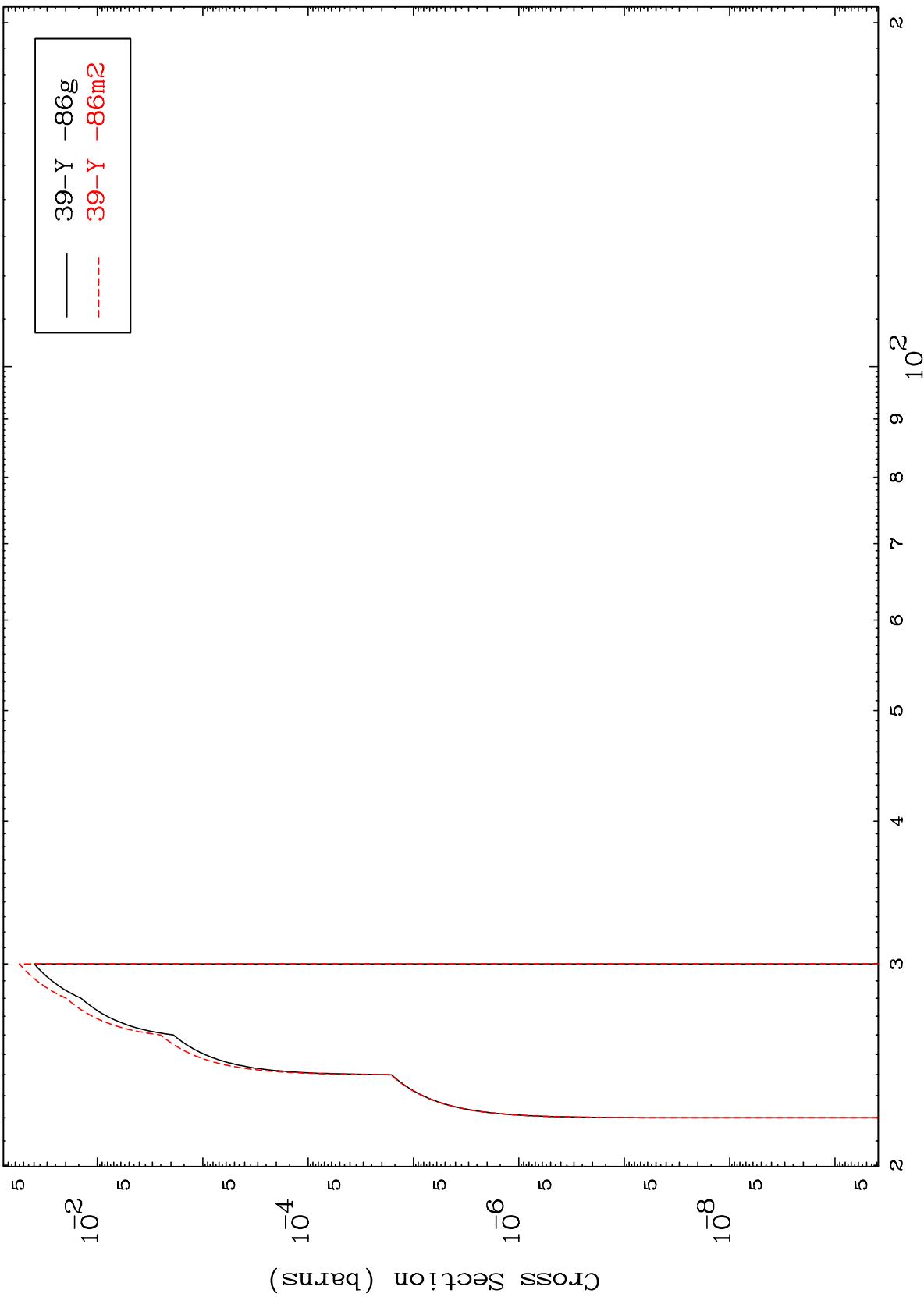
39-Y -87m

MAT 3920

(n,3n) p

39-Y -87m

Radionuclide Production Cross Section



39-Y -86g  
39-Y -86m2

22

Incident Energy (MeV)

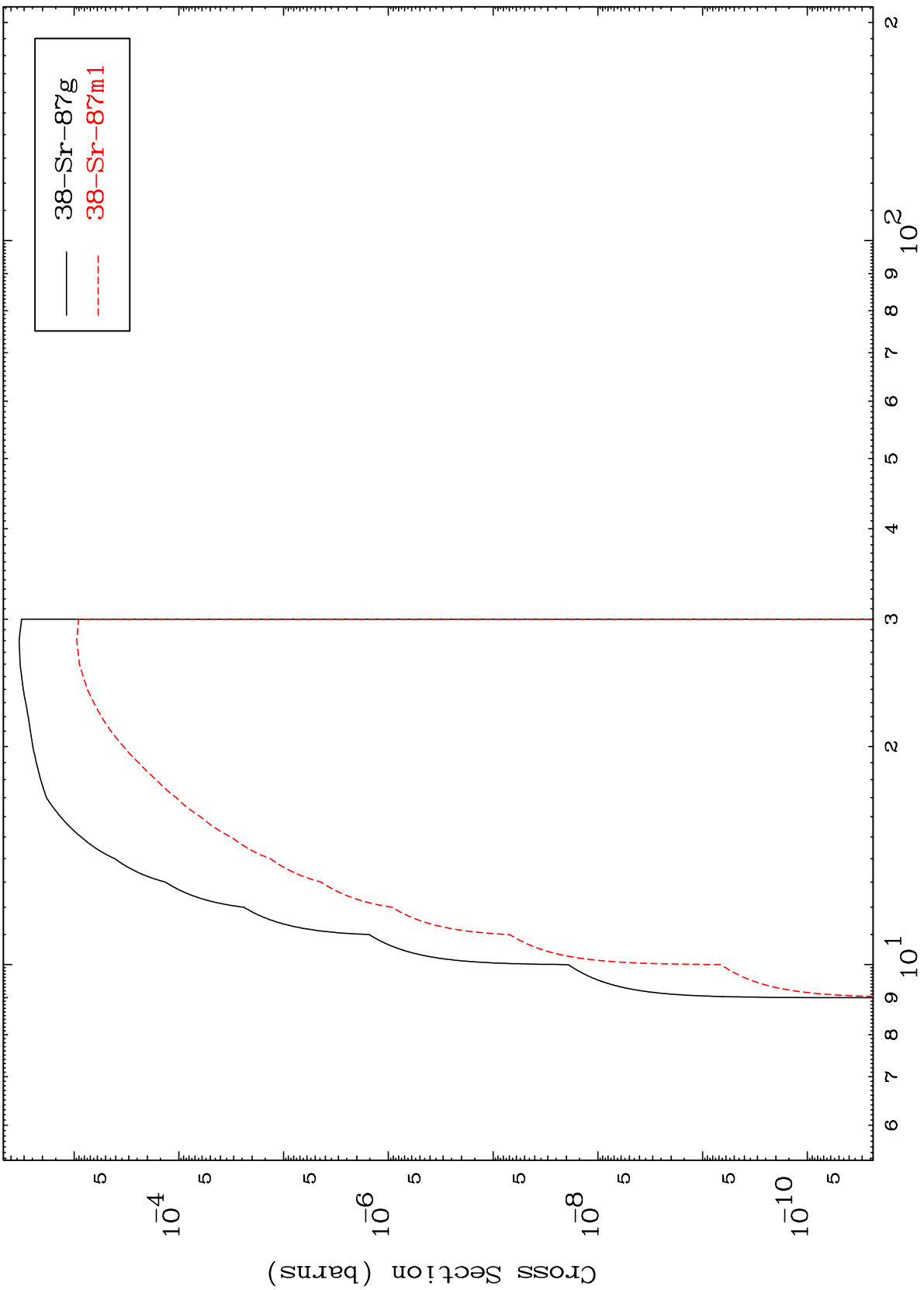
39-Y -87m

MAT 3920

(n,2n) p

39-Y -87m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

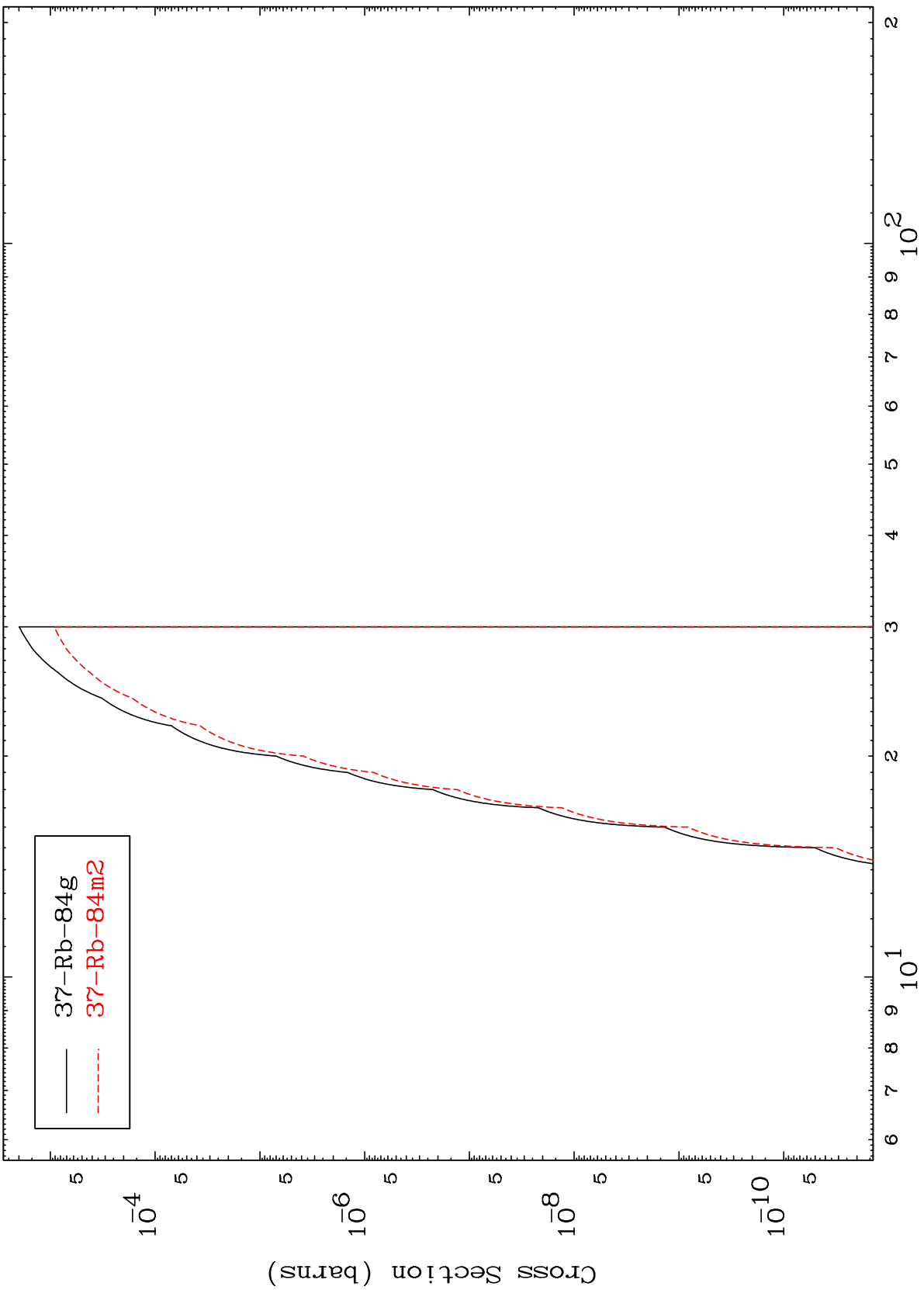
39-Y -87m

MAT 3920

(n,n') p  $\alpha$

39-Y -87m

Radionuclide Production Cross Section



24

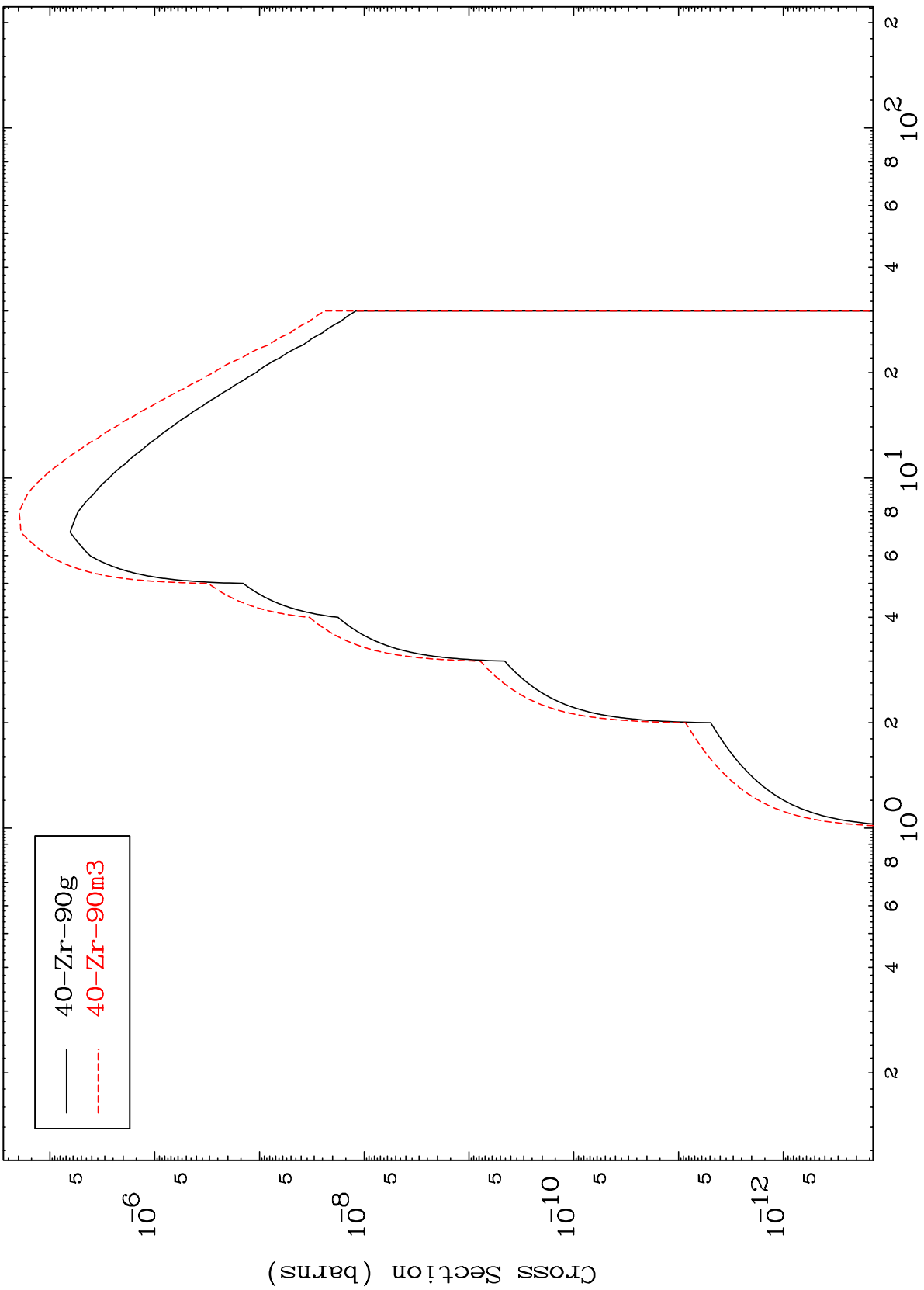
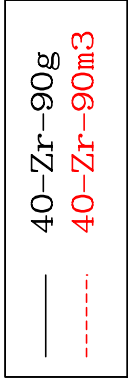
Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m

Radionuclide Production Cross Section



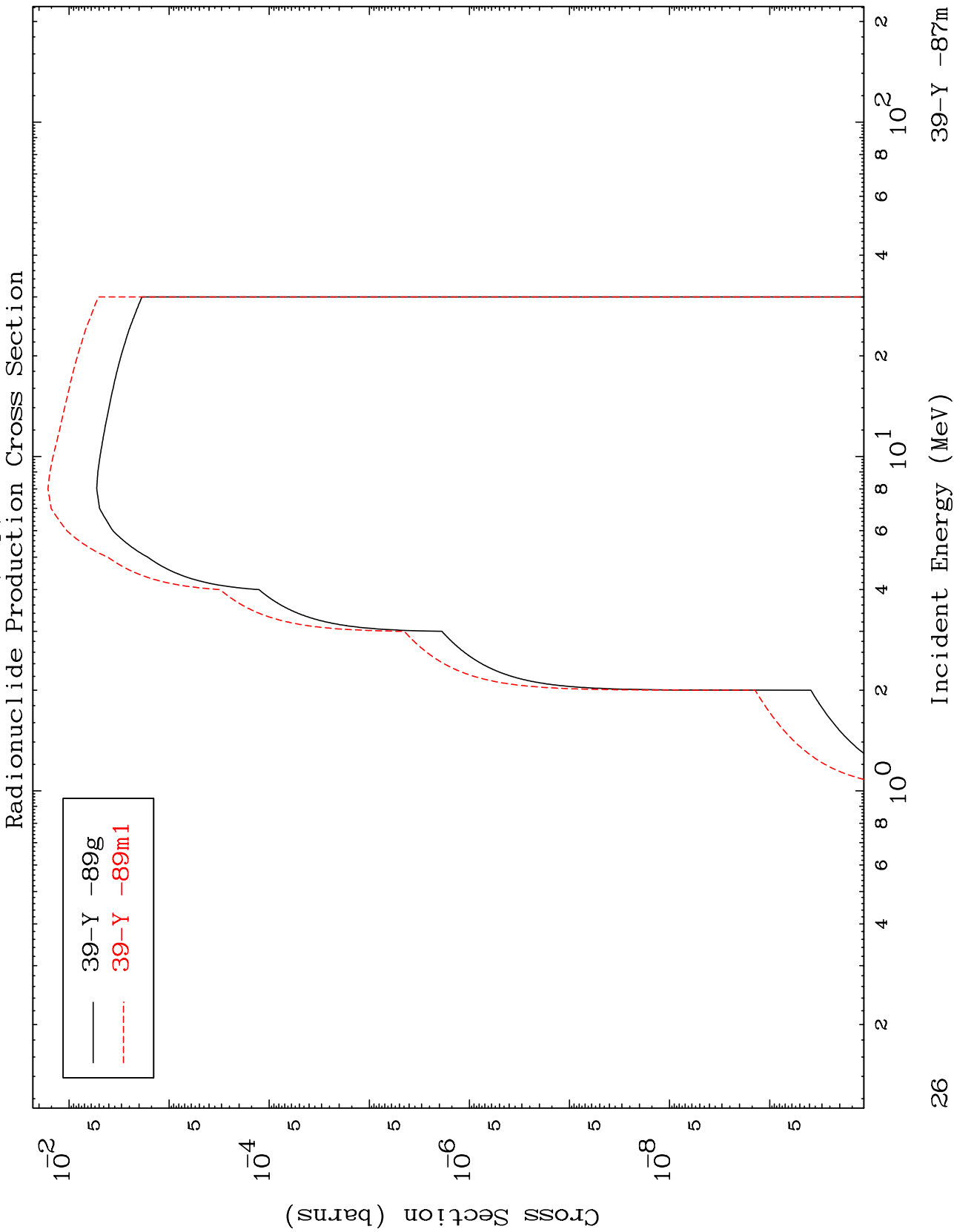
25

39-Y -87m

Incident Energy (MeV)

MAT 3920

39-Y -87m



26

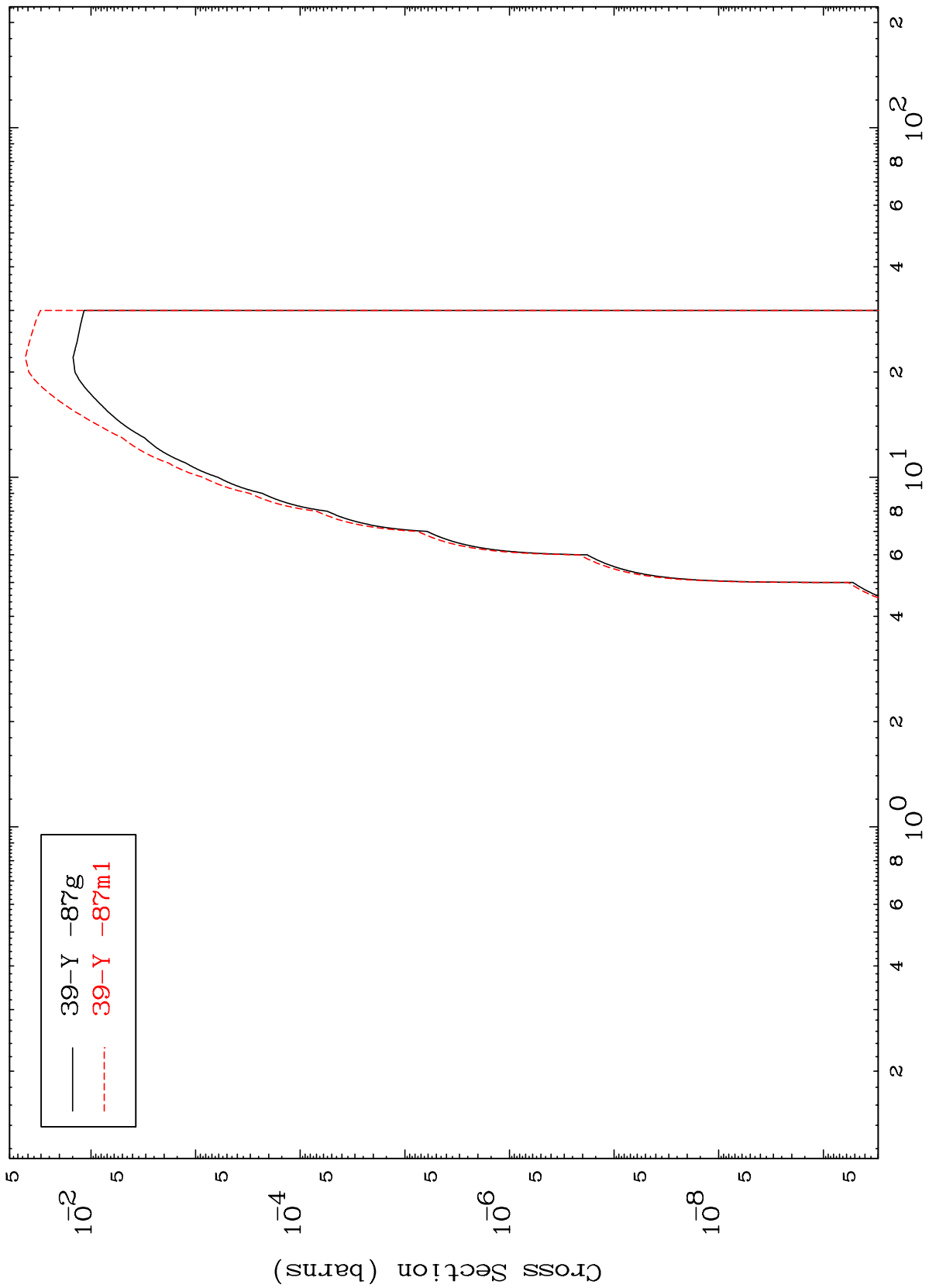
39-Y -87m

MAT 3920

(n, t)

39-Y -87m

Radionuclide Production Cross Section



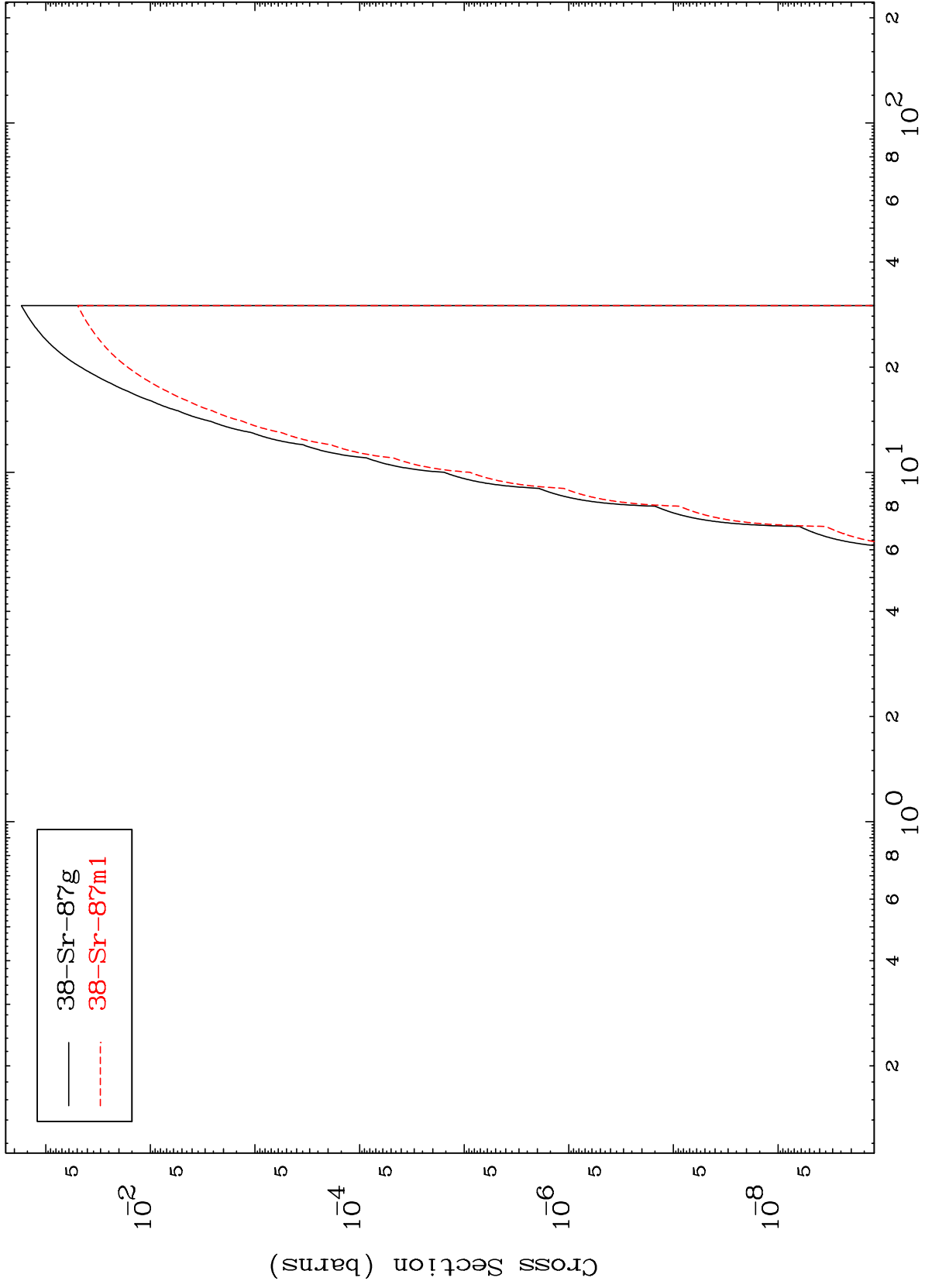
Legend:  
— 39-Y -87g  
- - - 39-Y -87m1

MAT 3920

(n,He-3)

39-Y -87m

Radionuclide Production Cross Section

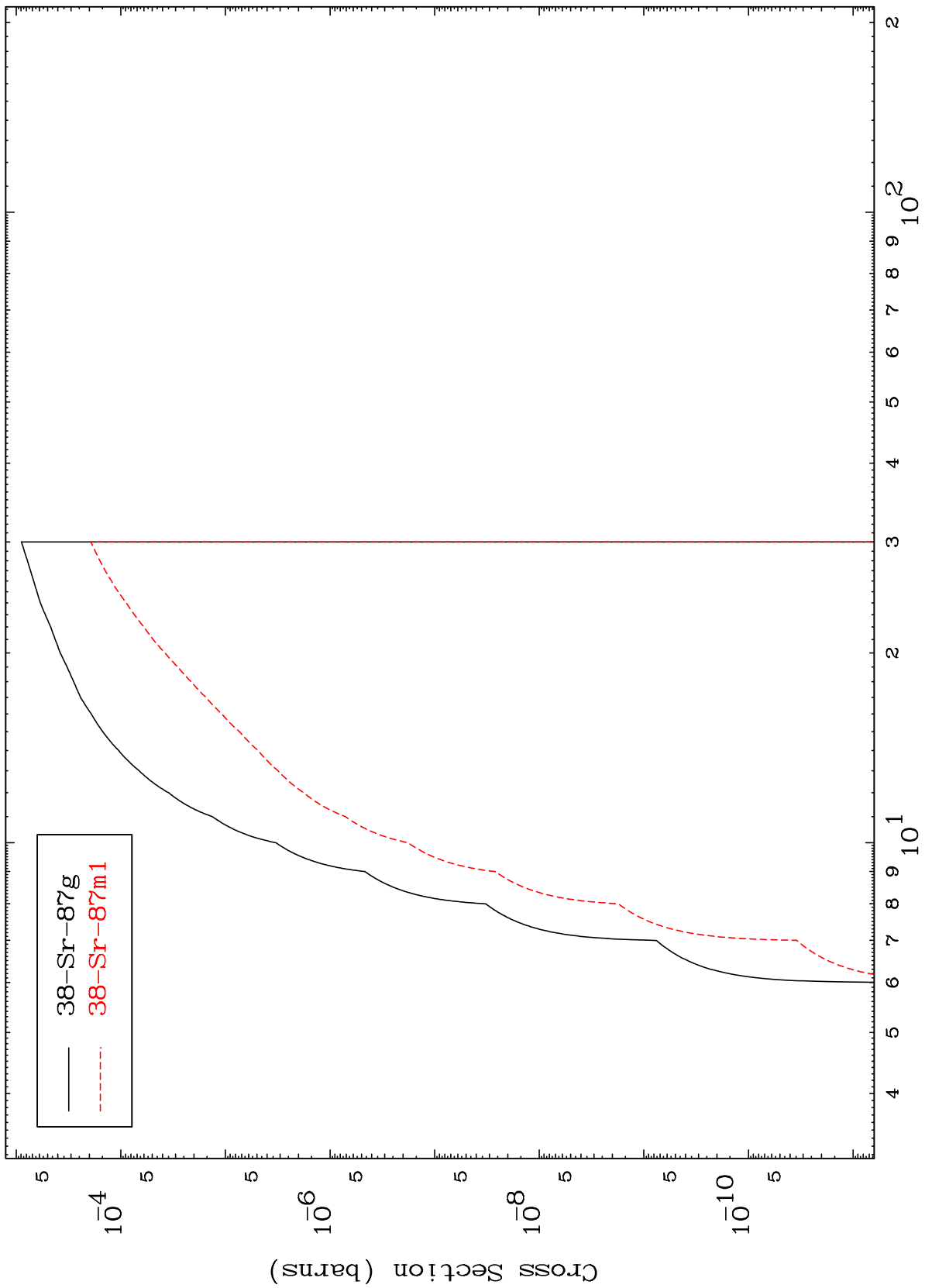


MAT 3920

(n,p) d

39-Y -87m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

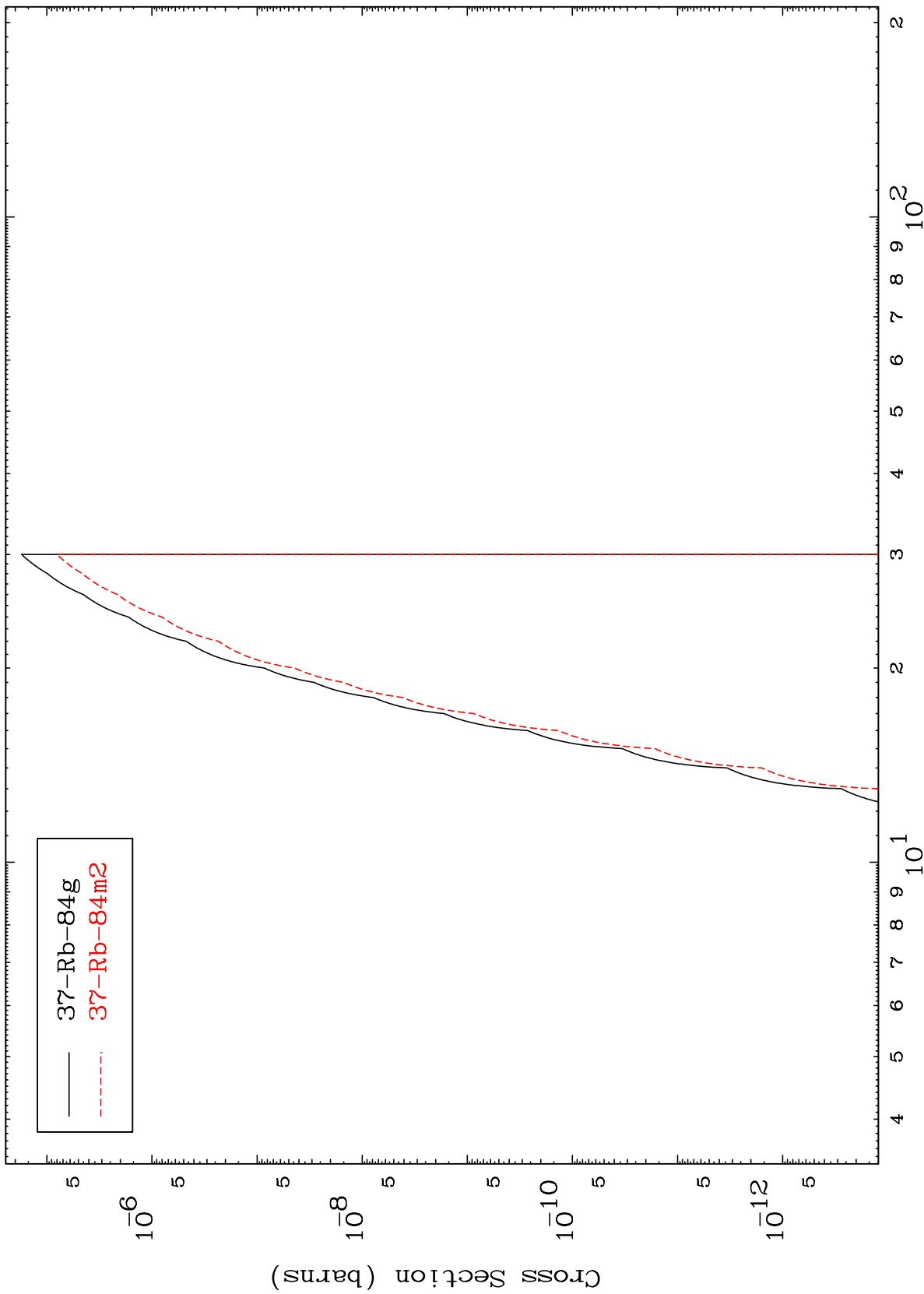
39-Y -87m

MAT 3920

(n,d)  $\alpha$

39-Y -87m

Radionuclide Production Cross Section



— 37-Rb-84g  
- - - 37-Rb-84m2

Incident Energy (MeV)

39-Y -87m

30