

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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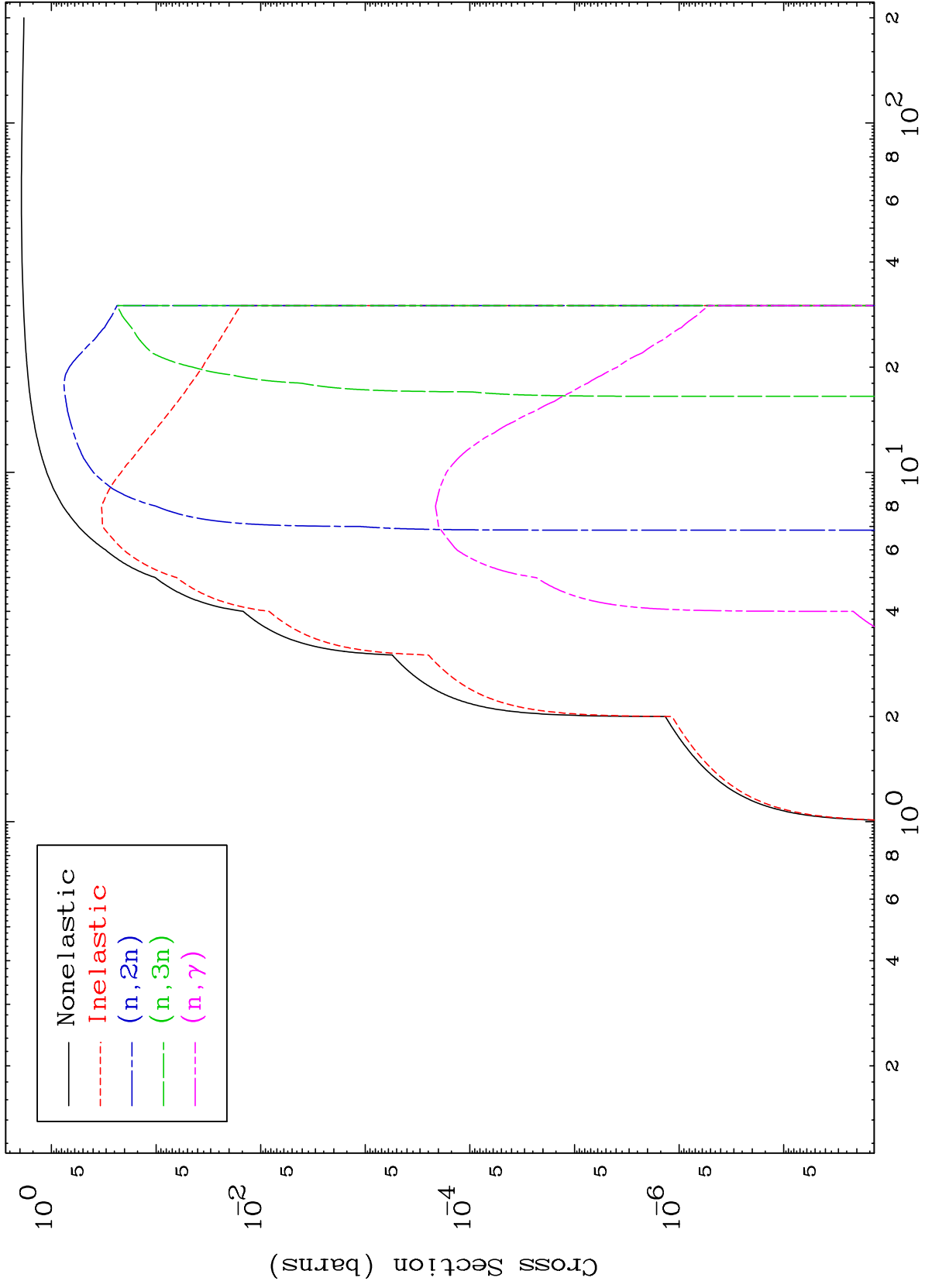
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

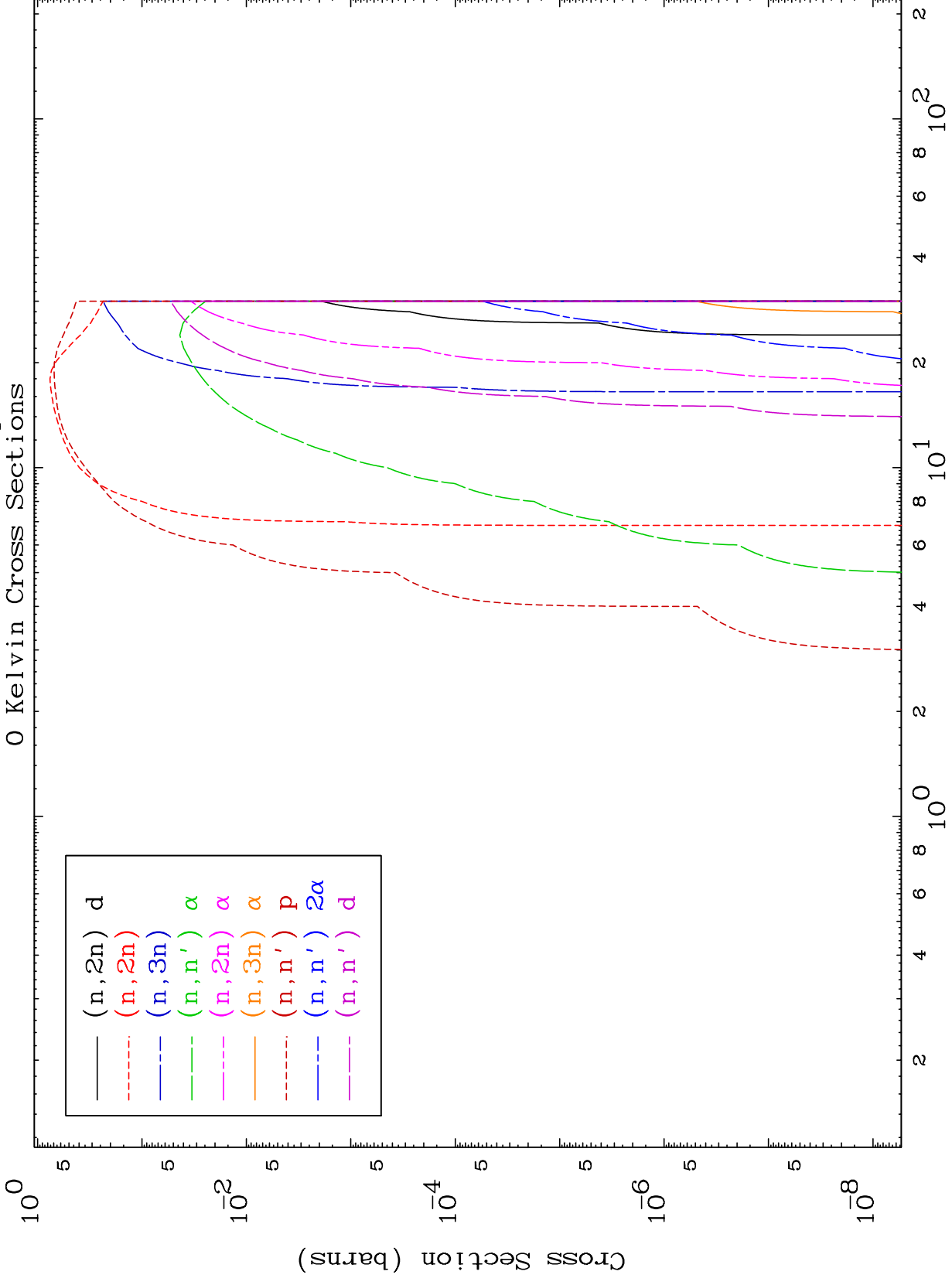
0 Kelvin Cross Sections



MAT 3919

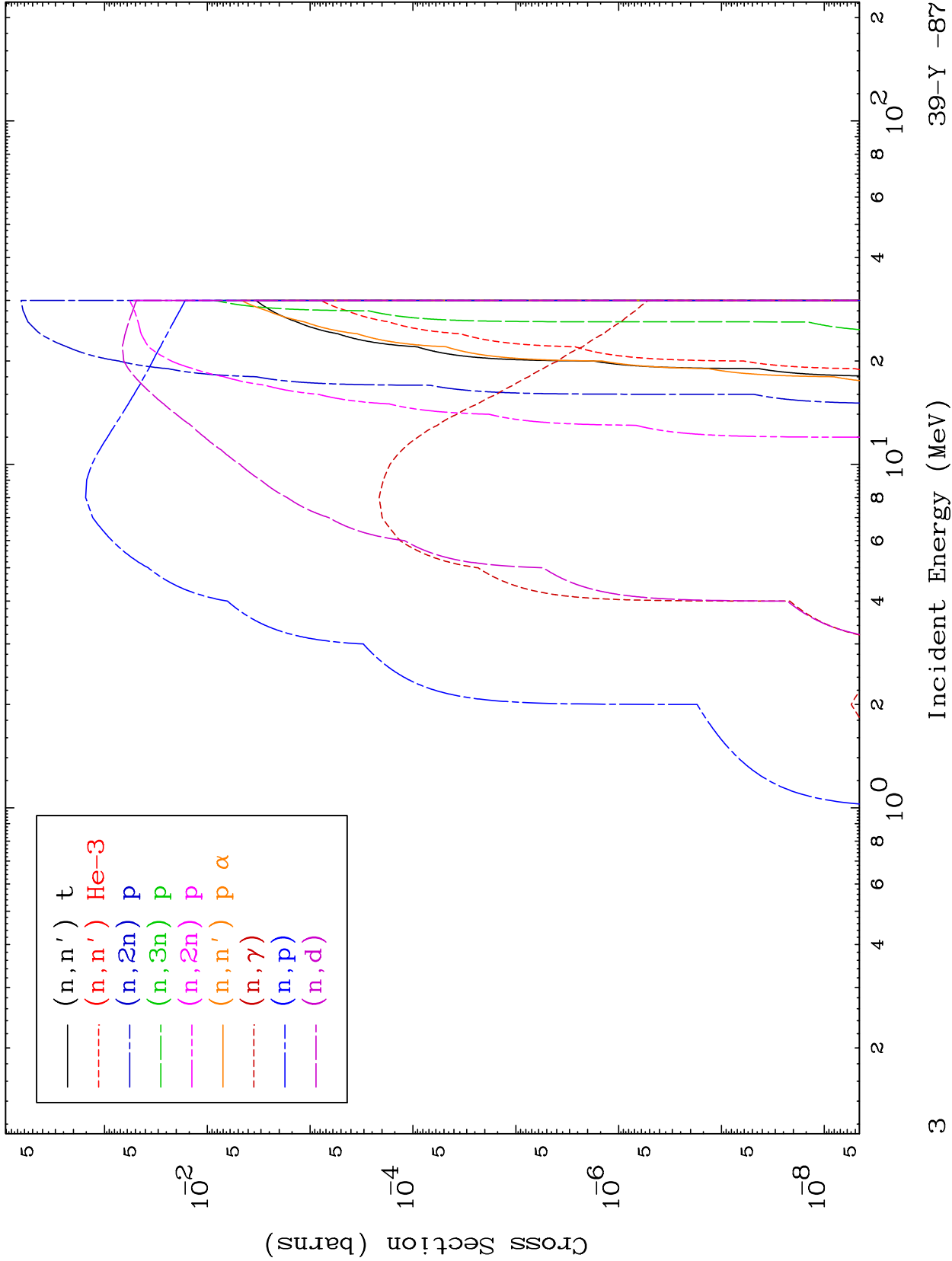
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

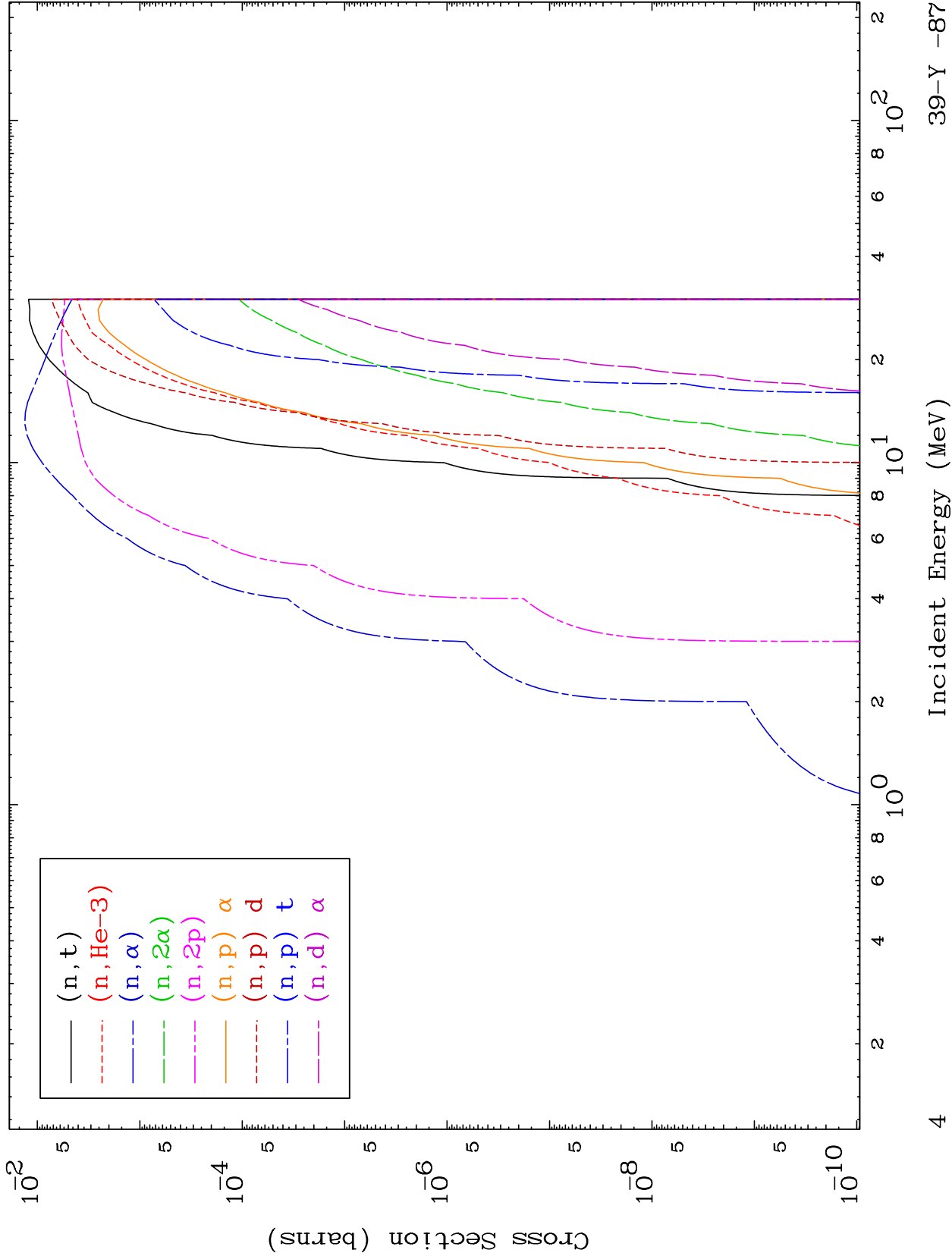
39-Y -87

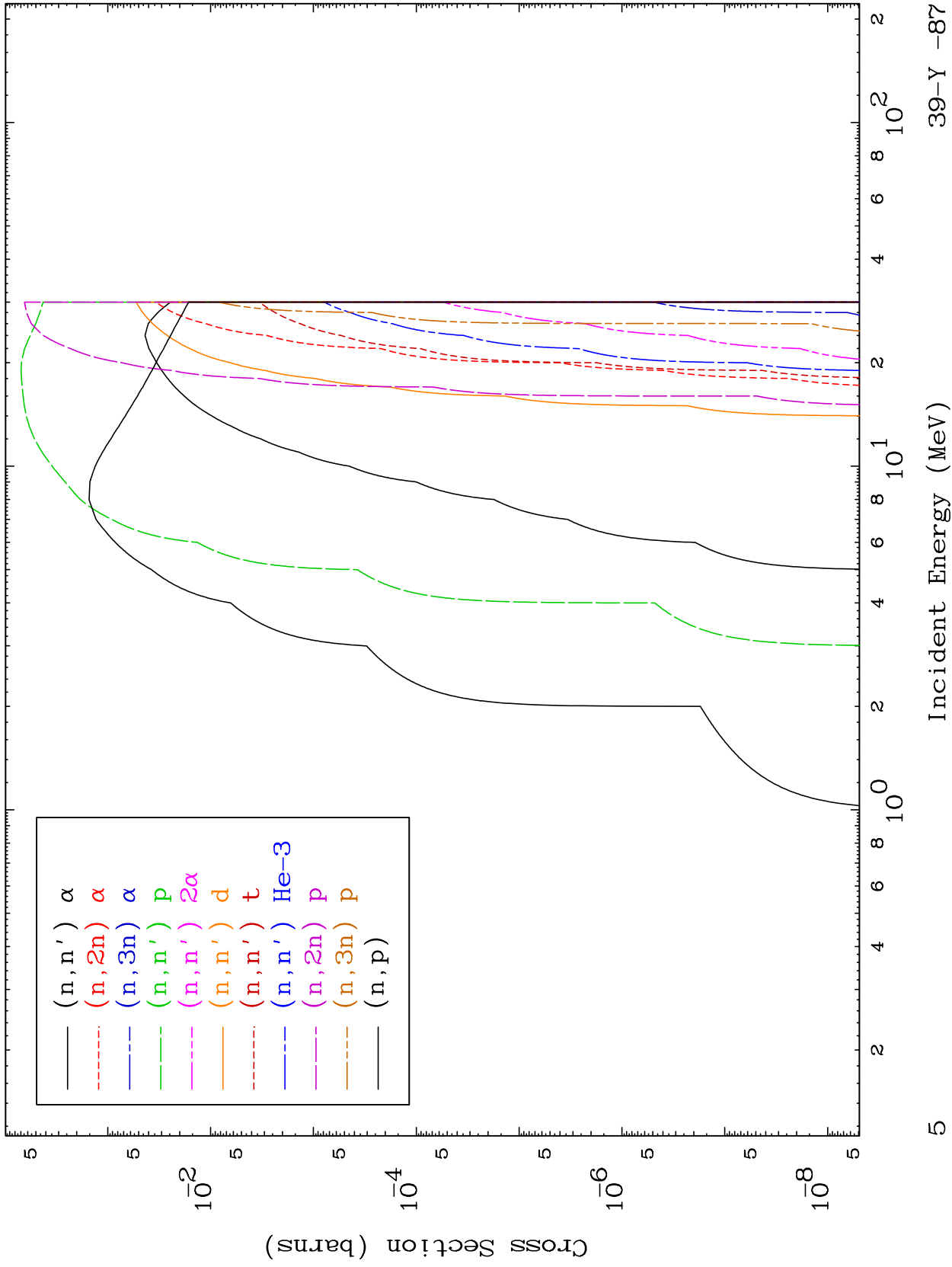


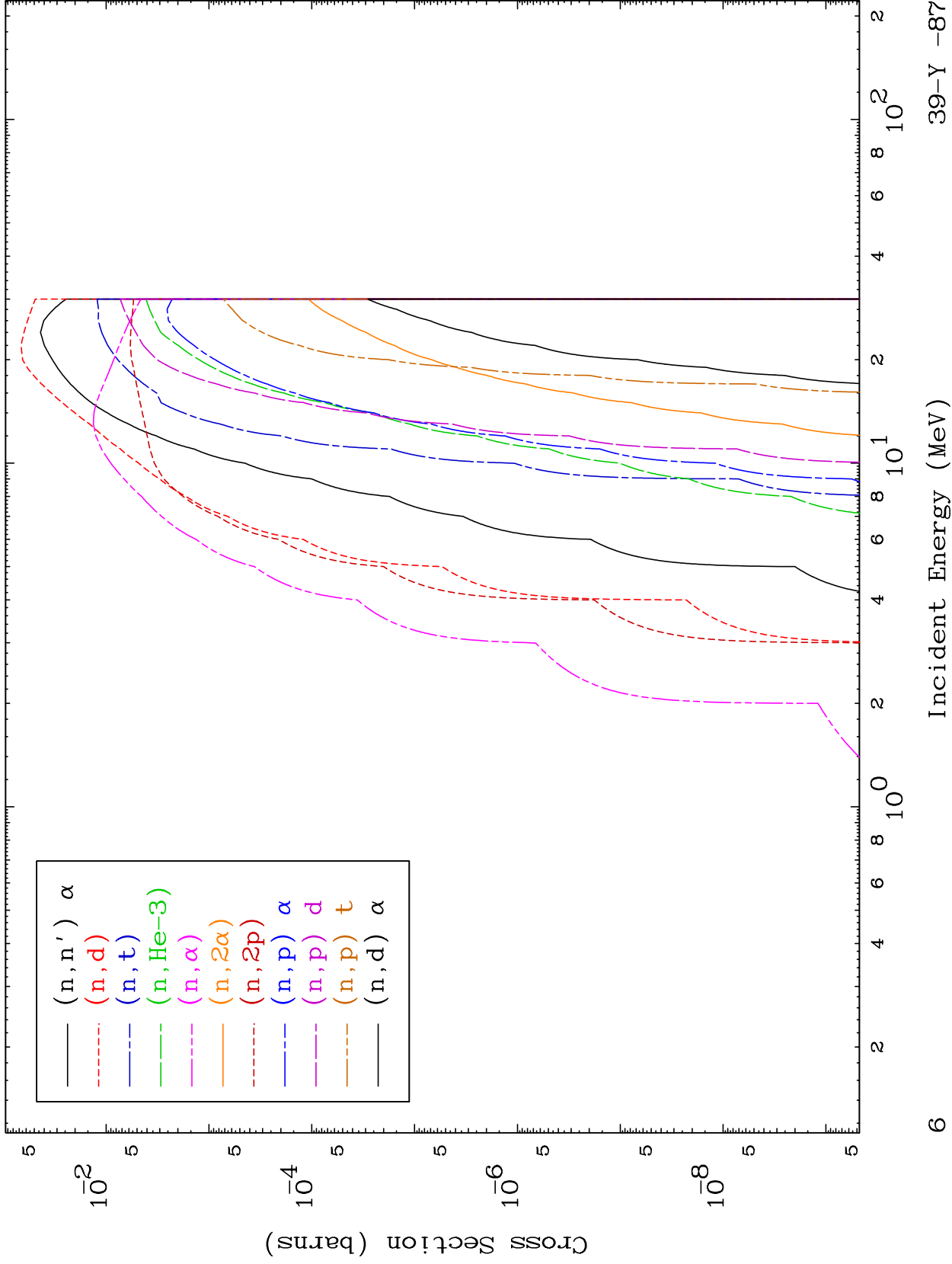
Incident Energy (MeV)

39-Y -87







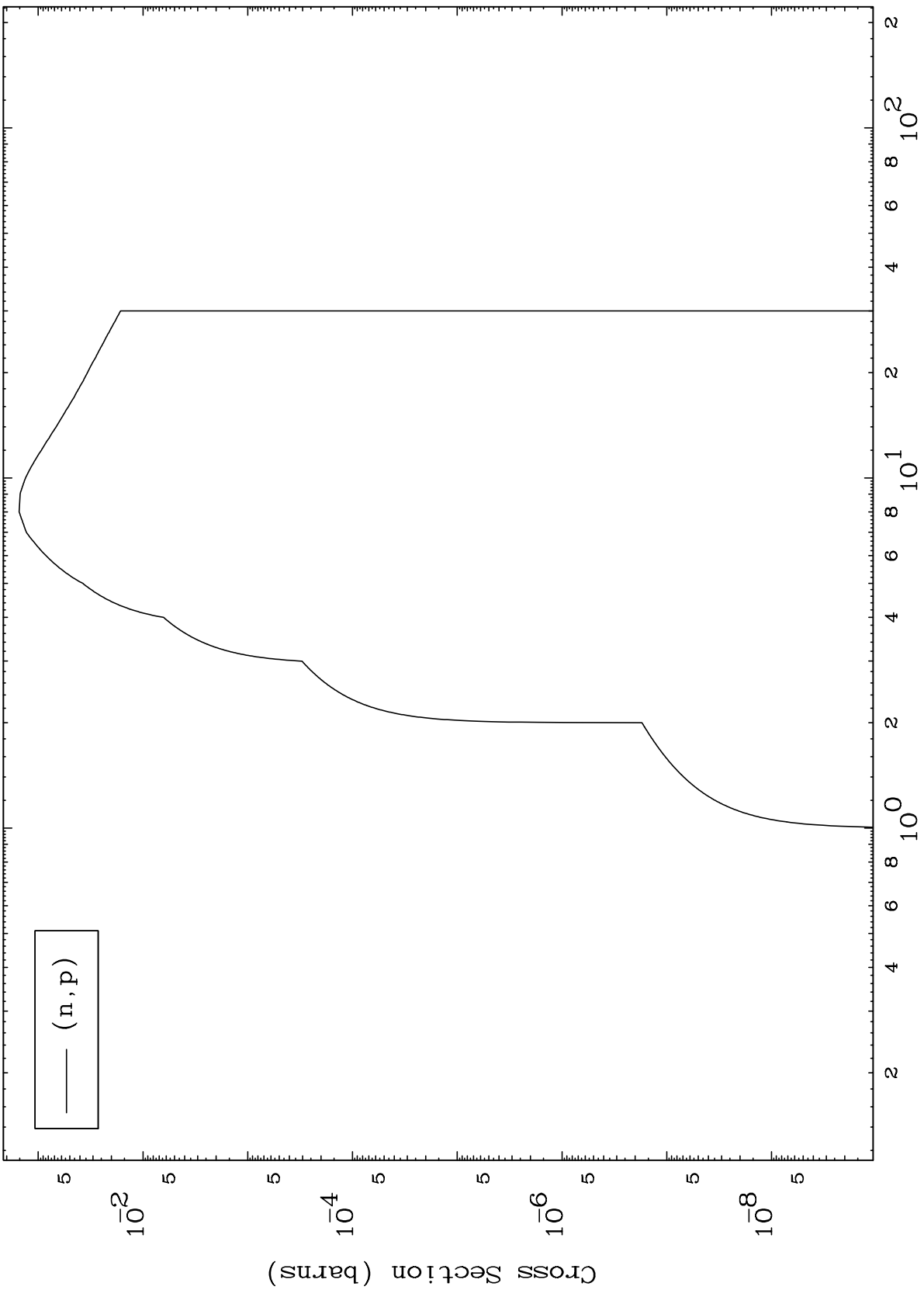


MAT 3919

(d,p) Levels

39-Y -87

0 Kelvin Cross Sections

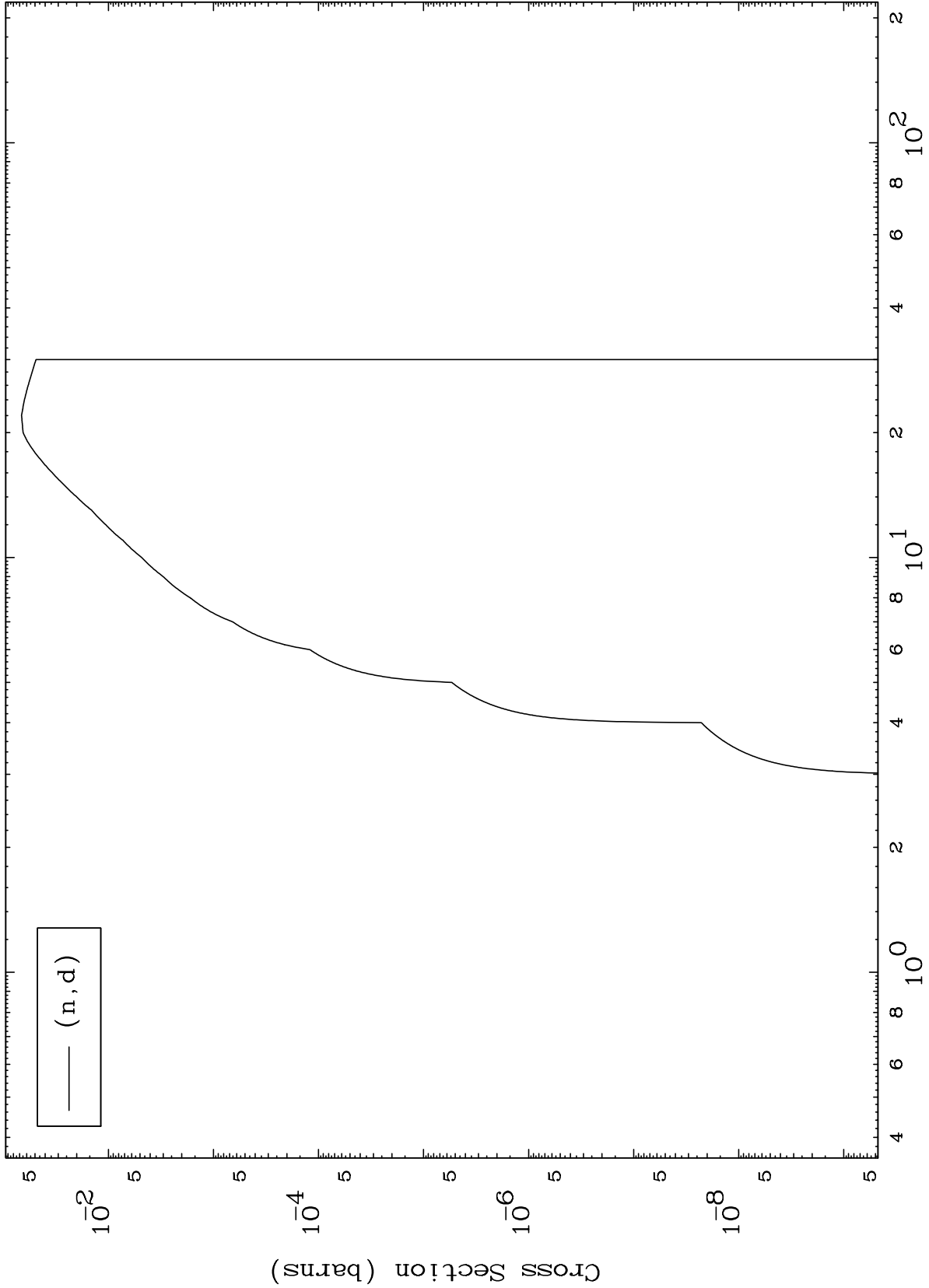


MAT 3919

(d,d) Levels

39-Y -87

0 Kelvin Cross Sections



8

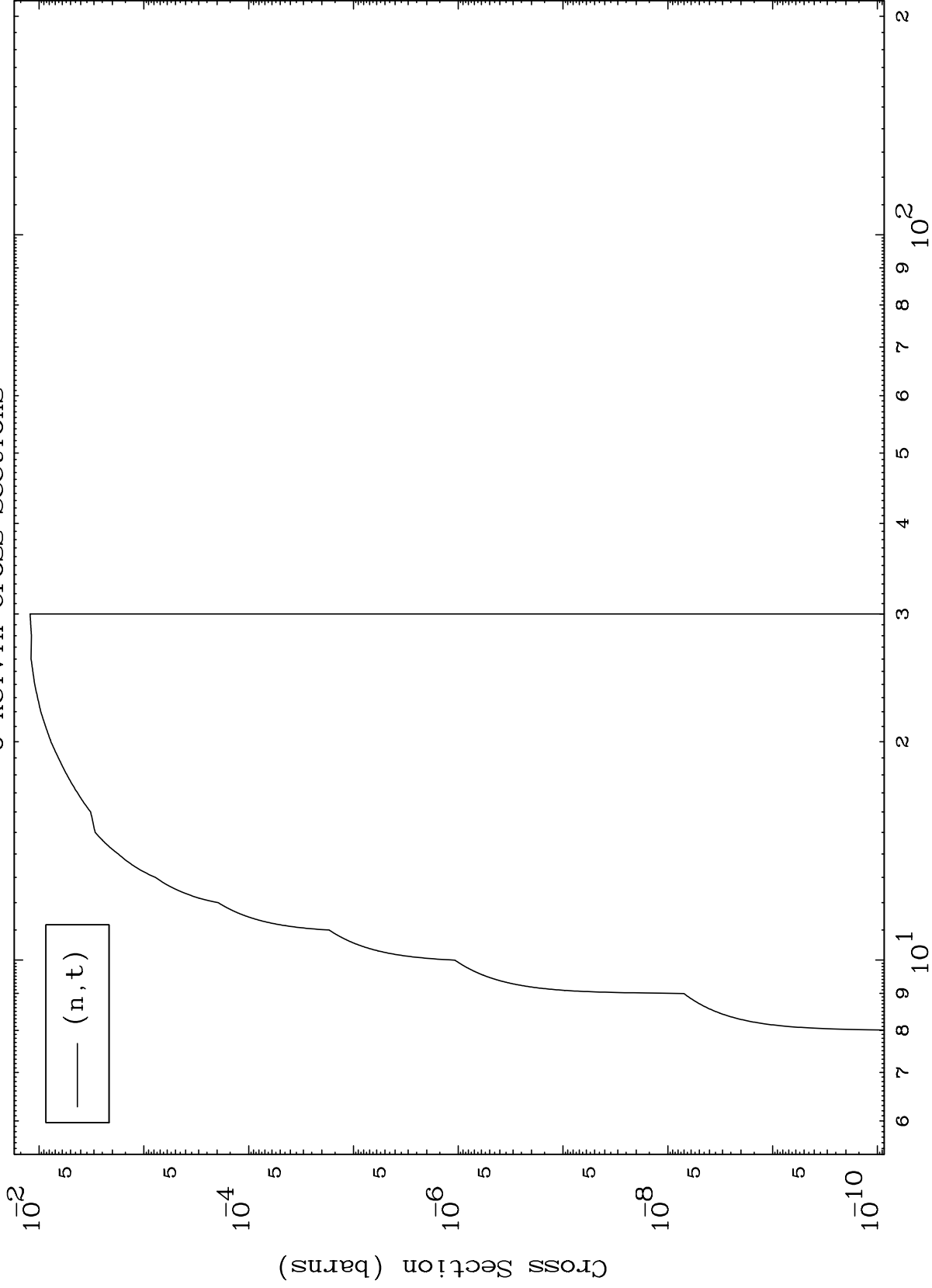
Incident Energy (MeV)

39-Y -87

MAT 3919

(d,t) Levels  
0 Kelvin Cross Sections

39-Y -87



9

Incident Energy (MeV)

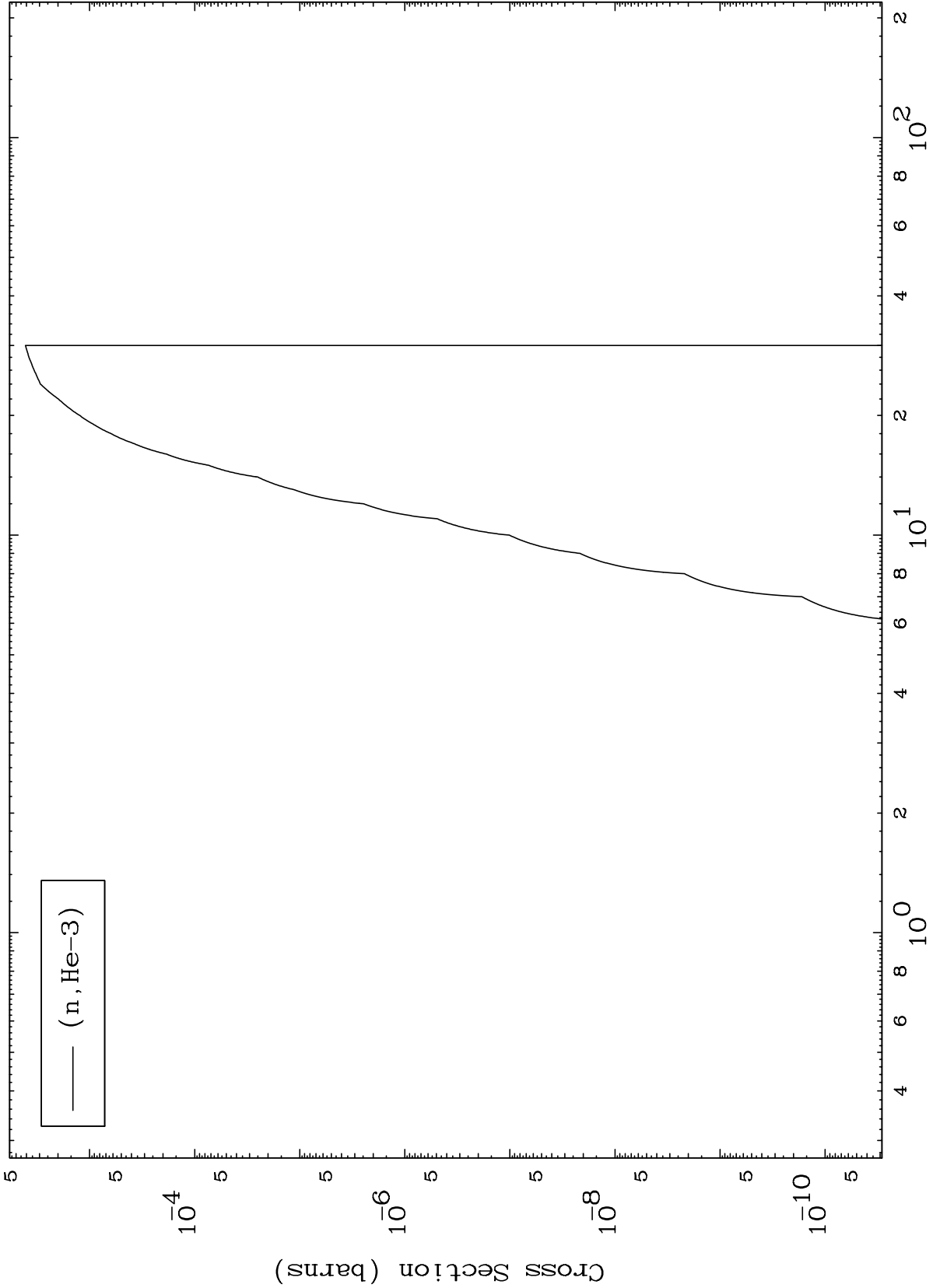
39-Y -87

MAT 3919

(d,He3) Levels

39-Y -87

0 Kelvin Cross Sections



10

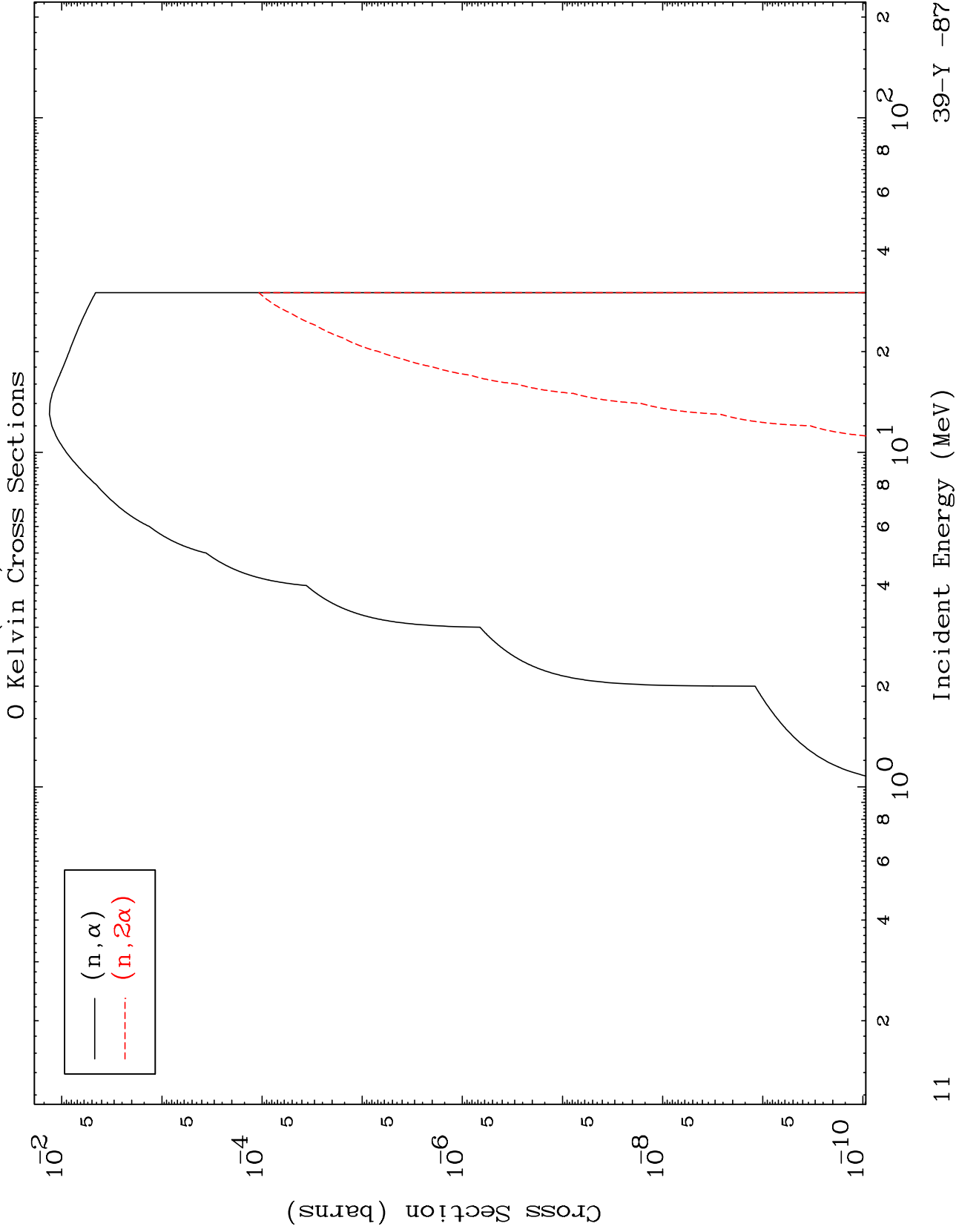
Incident Energy (MeV)

39-Y -87

MAT 3919

(d,  $\alpha$ ) Levels

39-Y -87

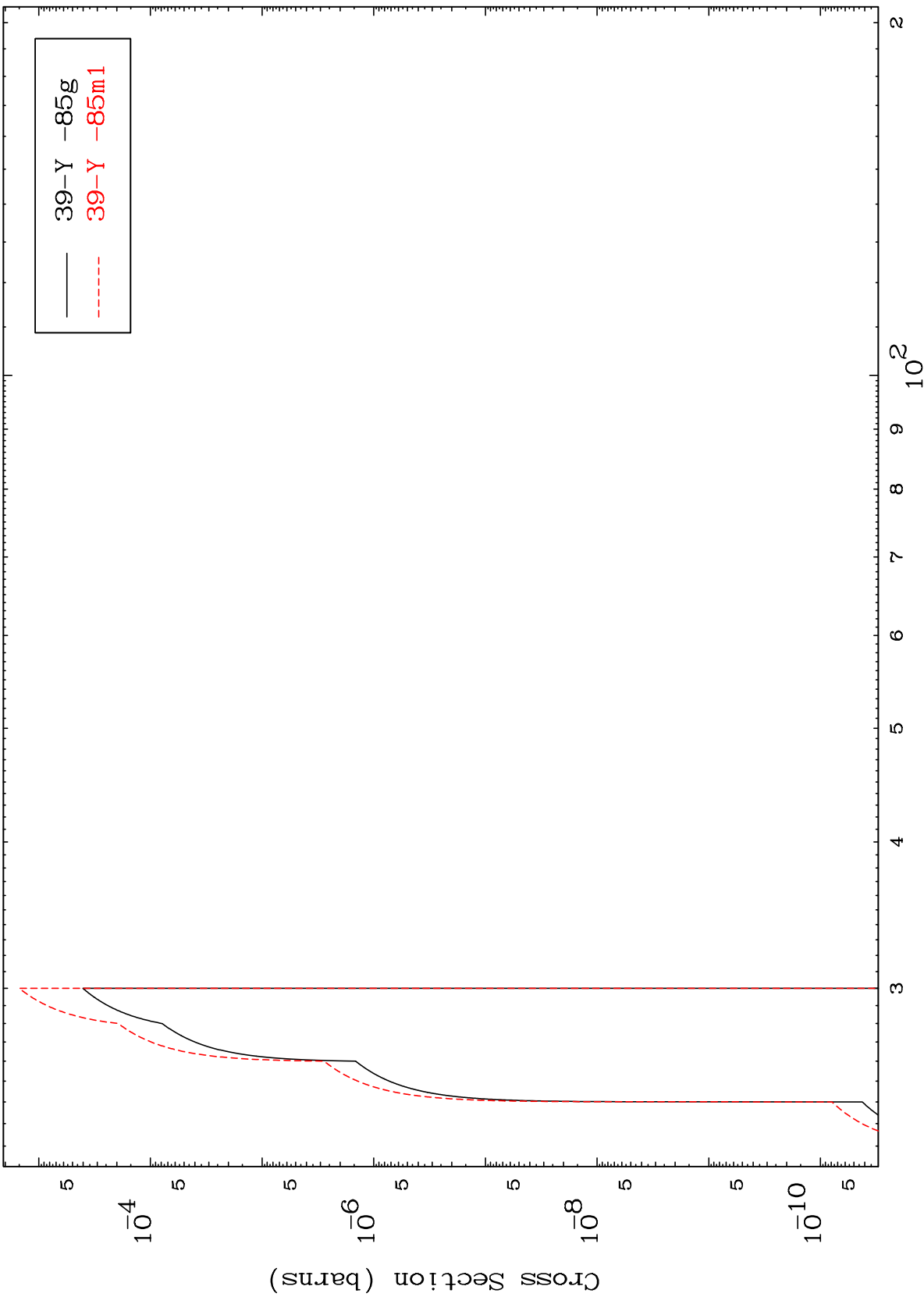


MAT 3919

(n,2n) d

39-Y -87

Radionuclide Production Cross Section



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

12

Incident Energy (MeV)

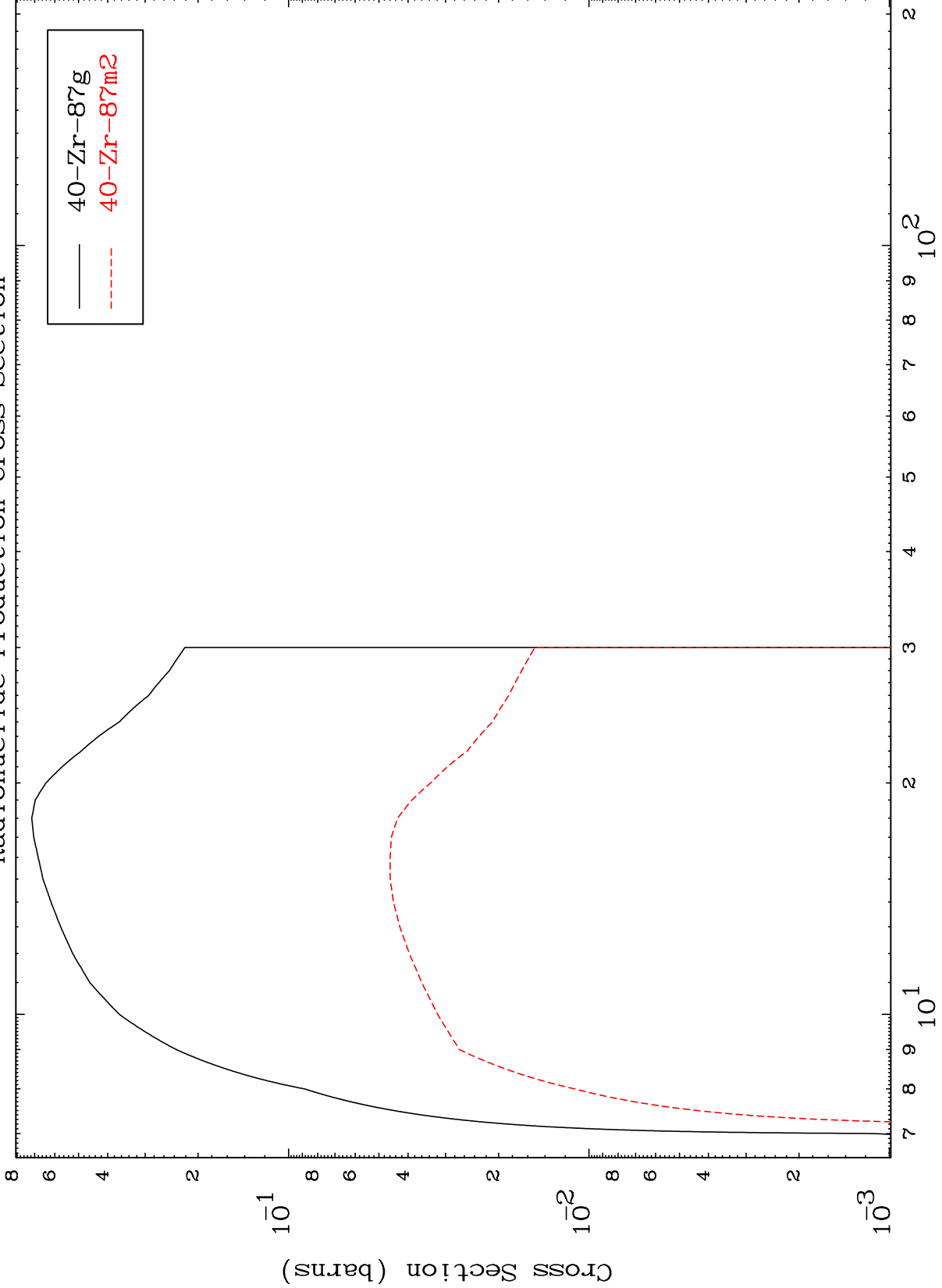
39-Y -87

MAT 3919

(n,2n)

39-Y -87

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

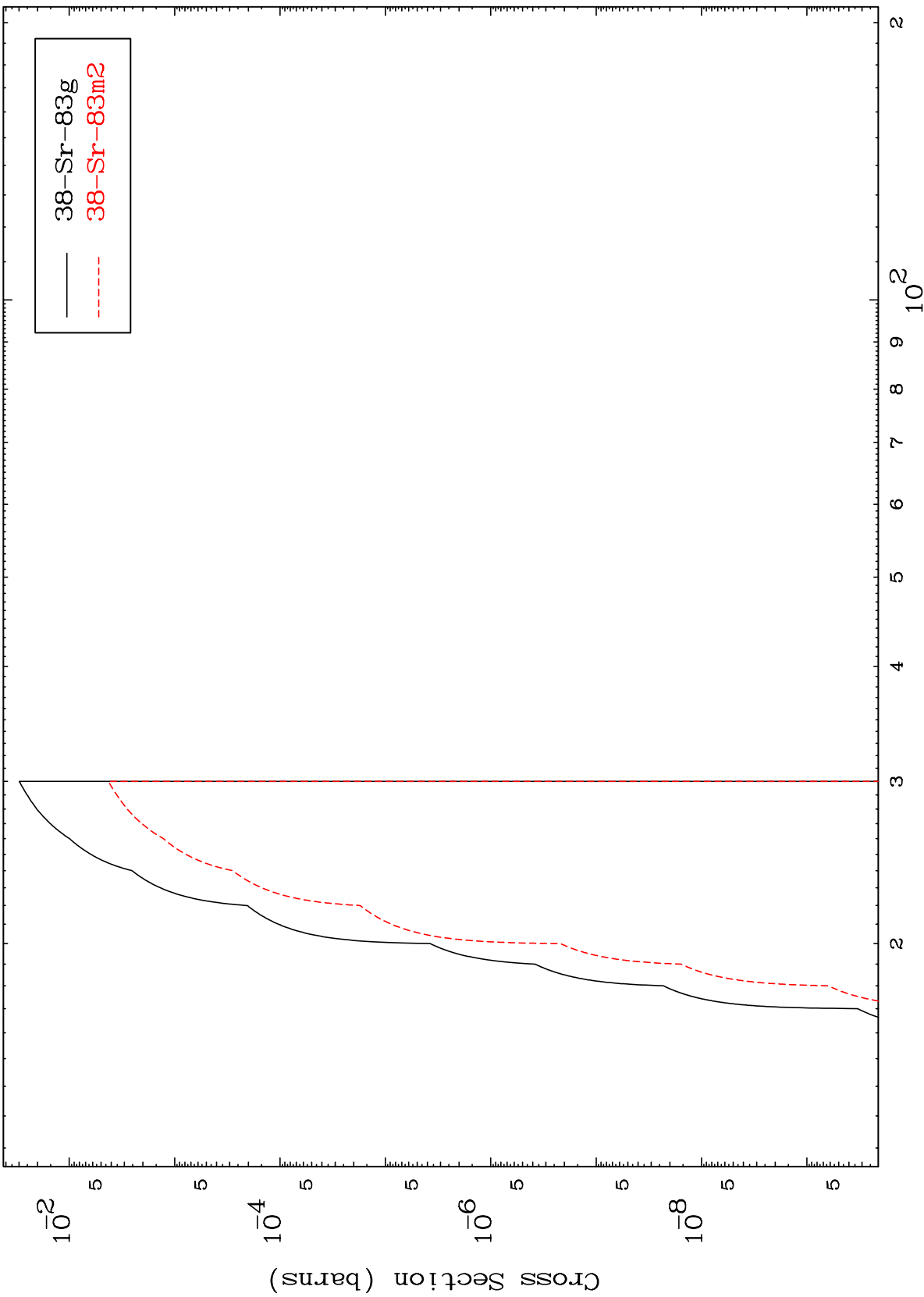
39-Y -87

MAT 3919

(n,2n)  $\alpha$

39-Y -87

Radionuclide Production Cross Section



14

Incident Energy (MeV)

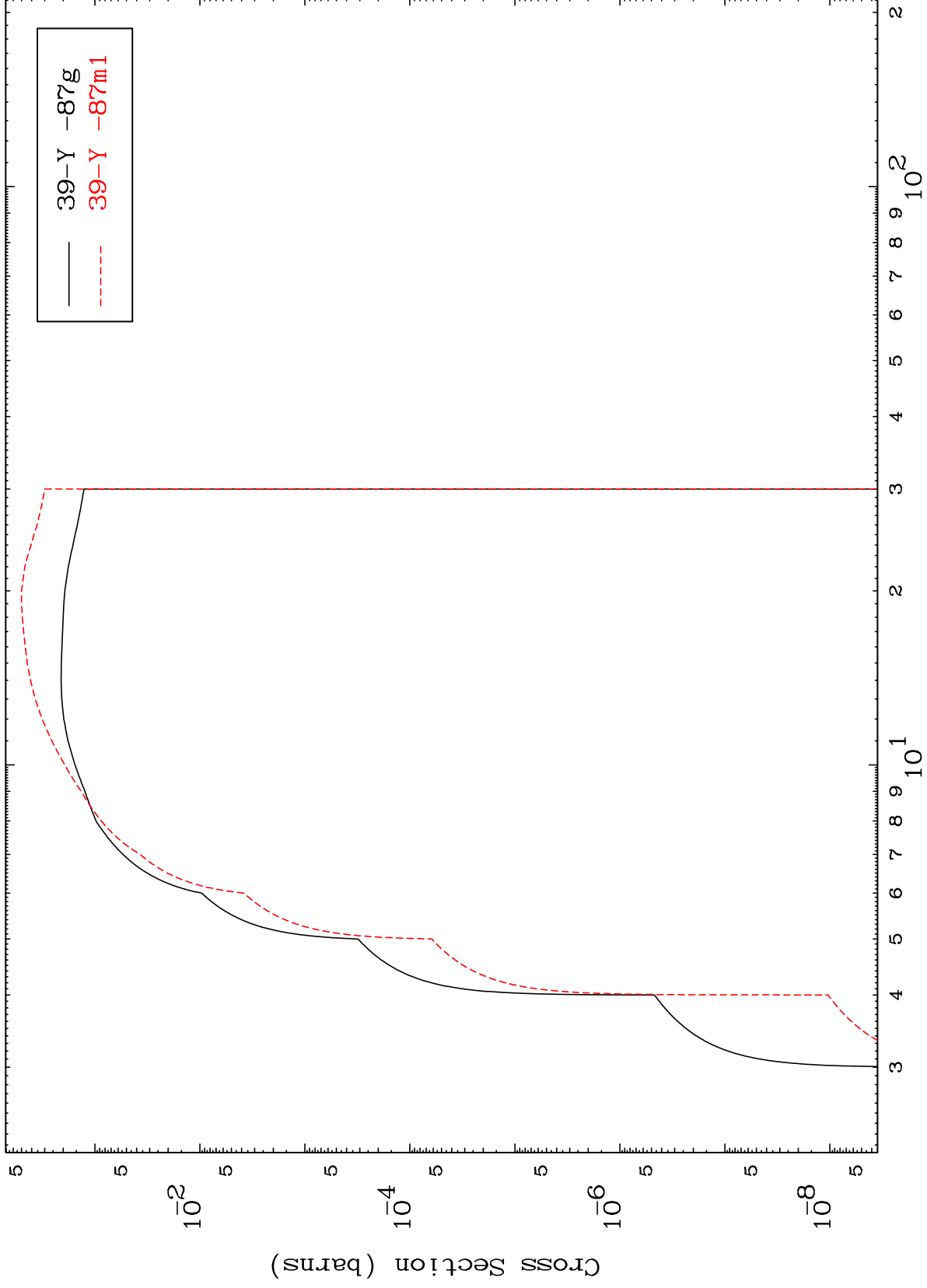
39-Y -87

MAT 3919

(n,n') p

39-Y -87

Radionuclide Production Cross Section



15

Incident Energy (MeV)

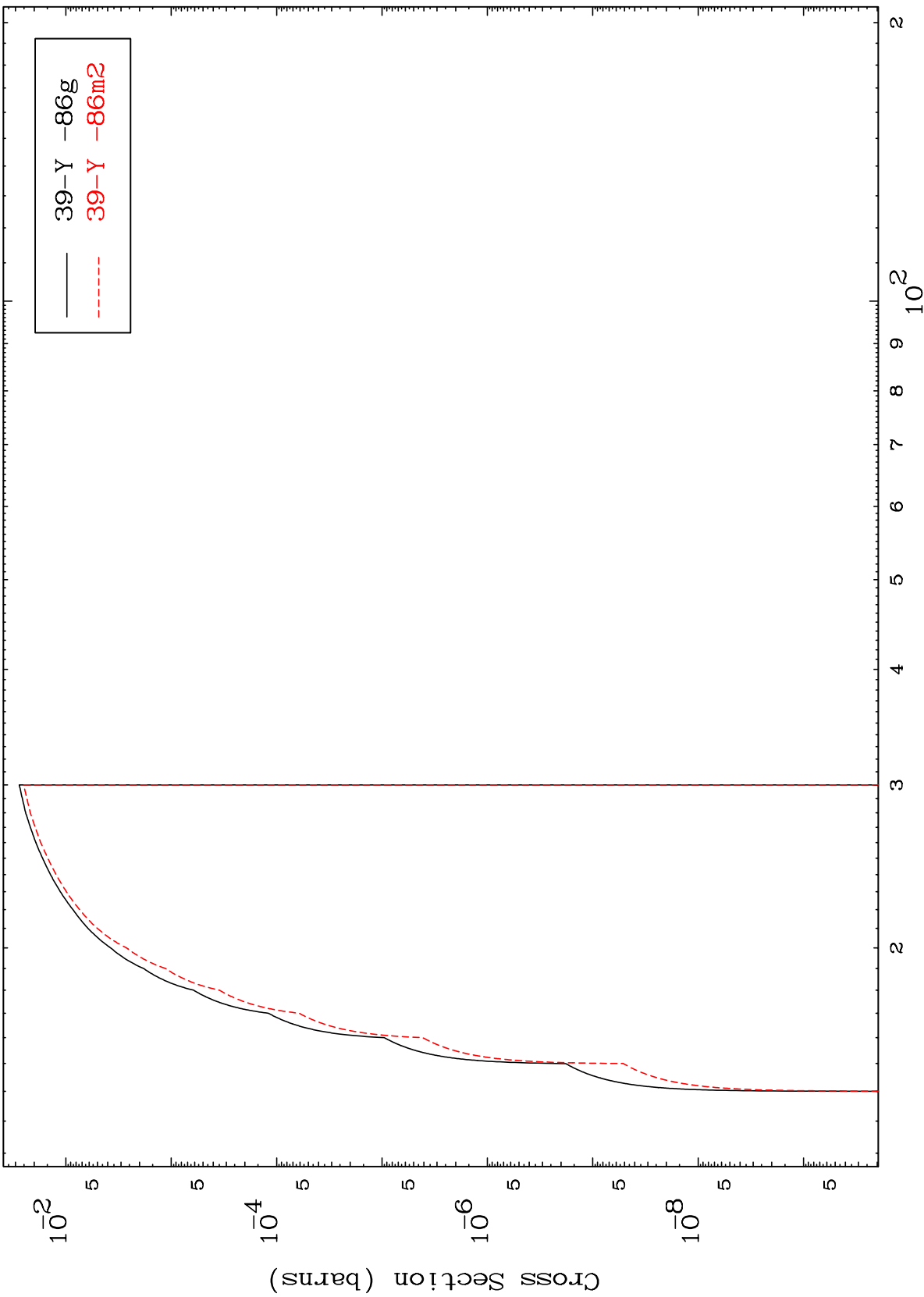
39-Y -87

MAT 3919

(n,n') d

39-Y -87

Radionuclide Production Cross Section



16

Incident Energy (MeV)

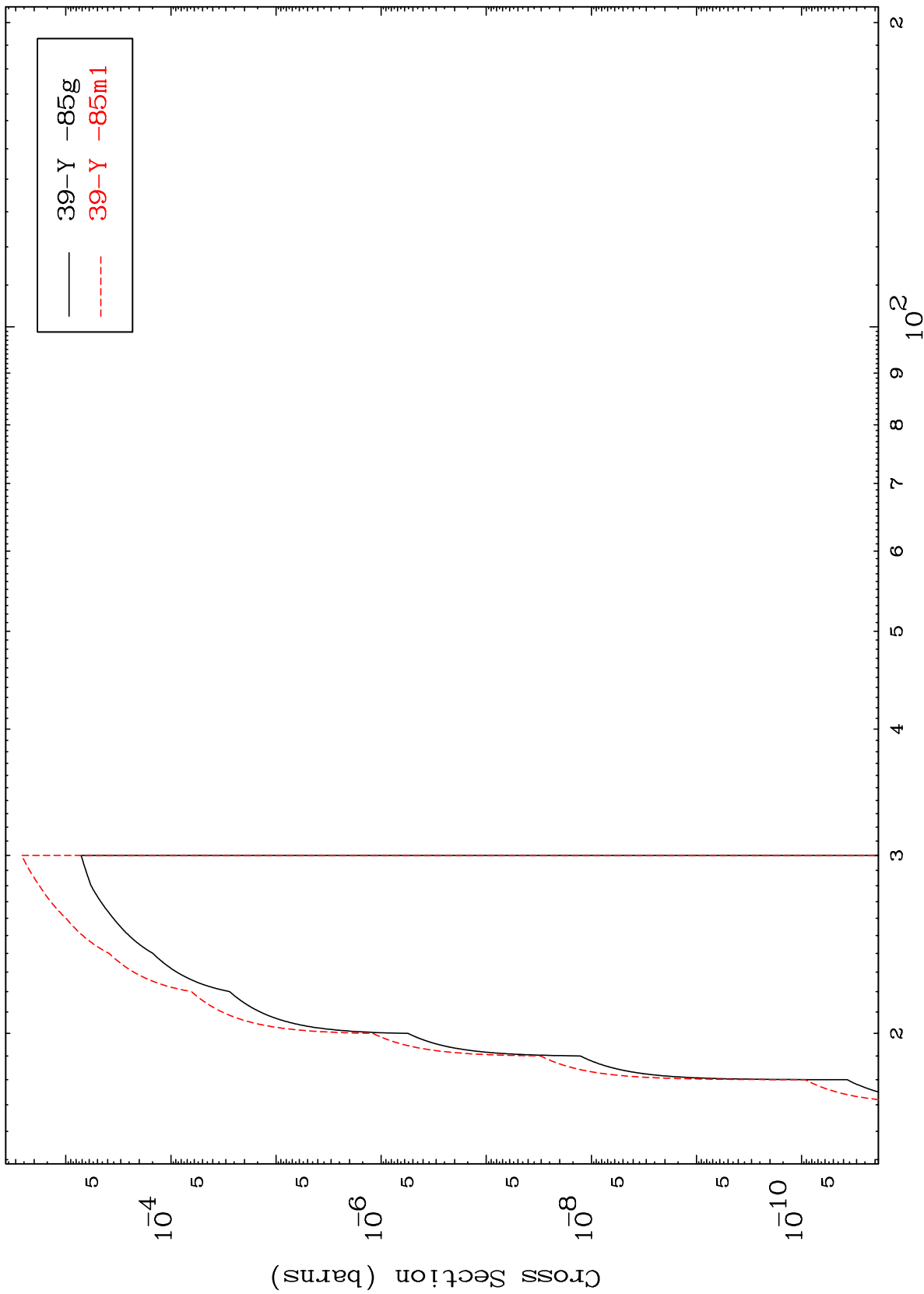
39-Y -87

MAT 3919

(n,n') t

39-Y -87

Radionuclide Production Cross Section

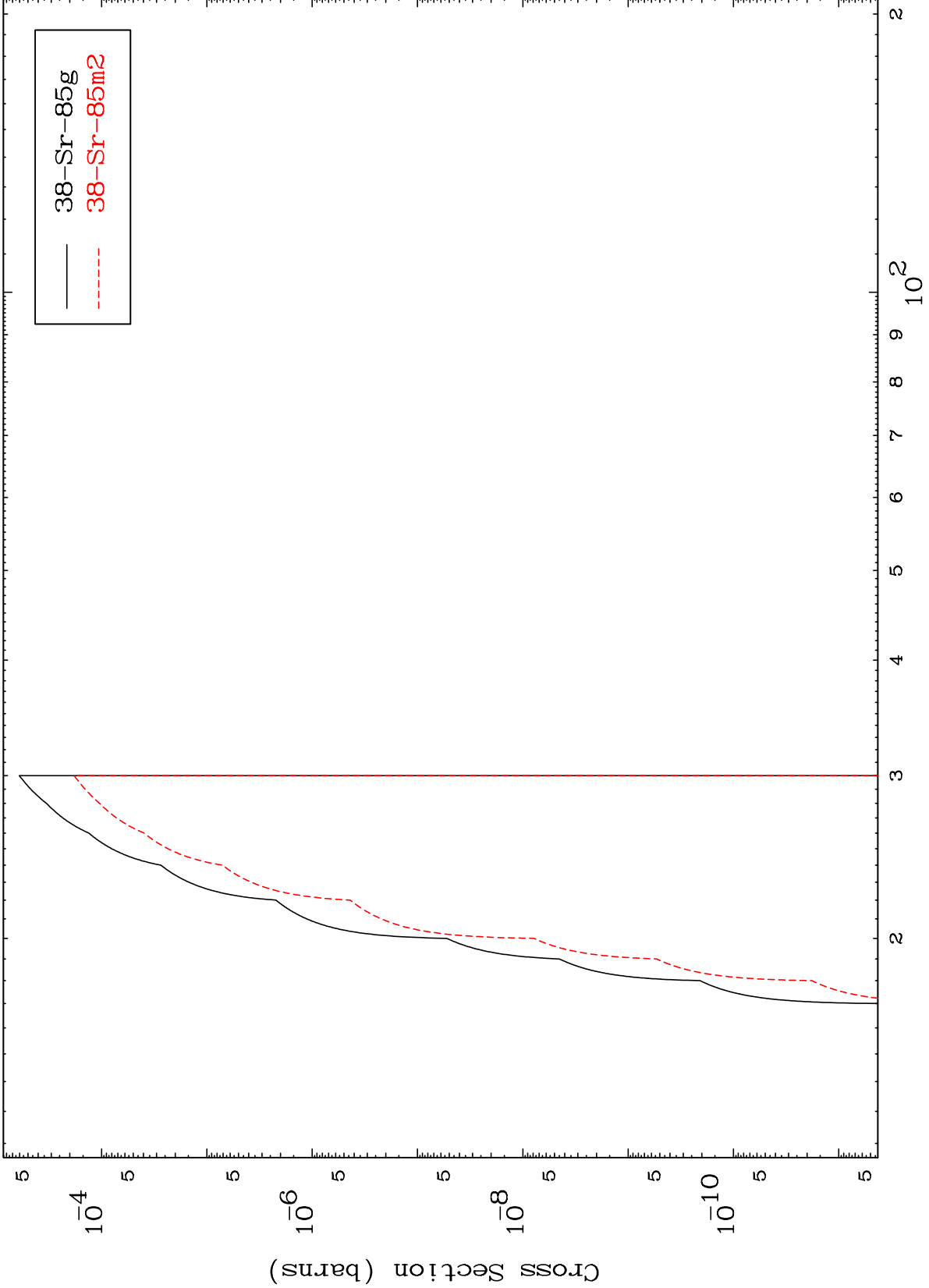


17

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section



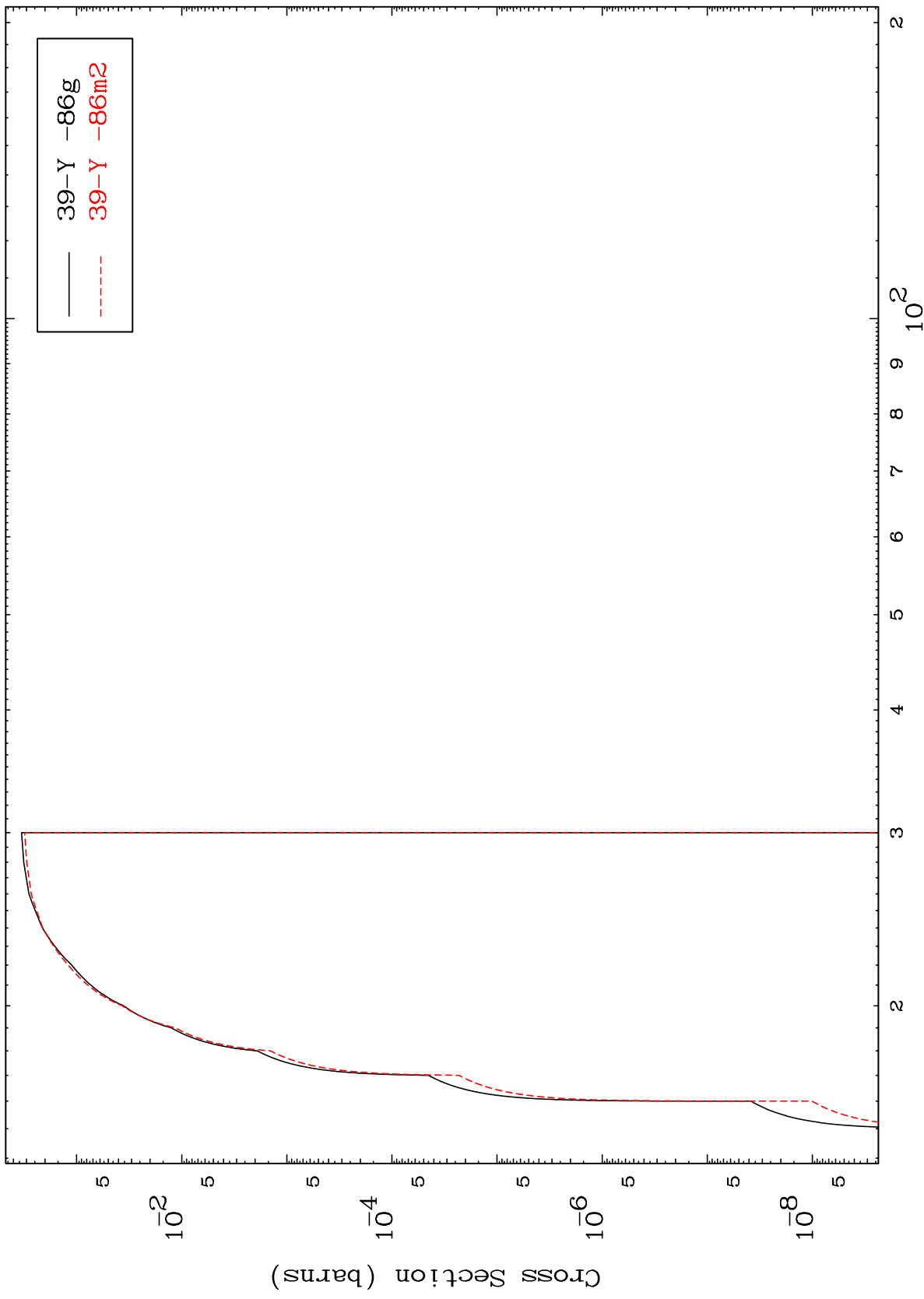
38-Sr-85g  
38-Sr-85m2

MAT 3919

(n,2n) p

39-Y -87

Radionuclide Production Cross Section



19

Incident Energy (MeV)

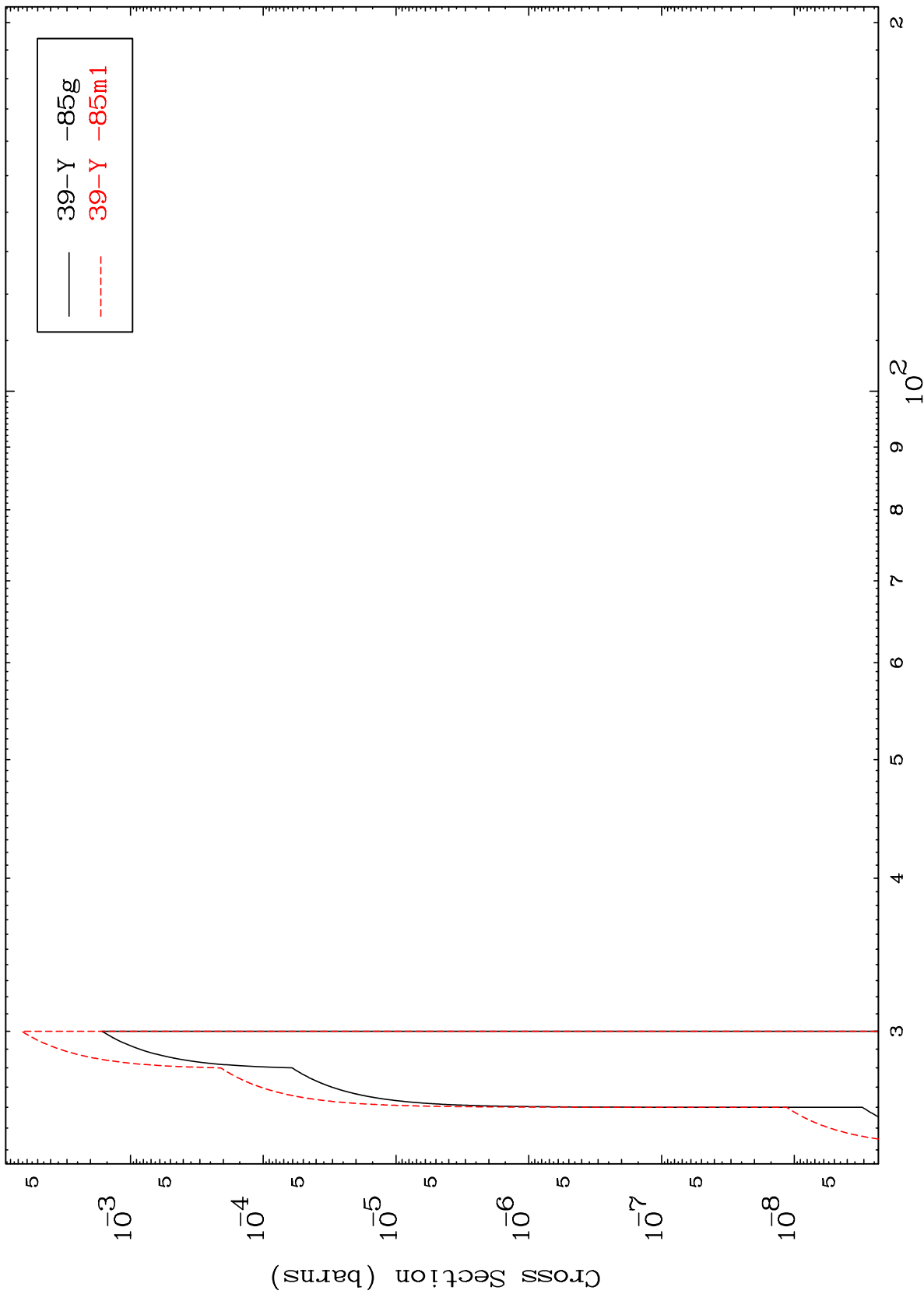
39-Y -87

MAT 3919

(n,3n) p

39-Y -87

Radionuclide Production Cross Section



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

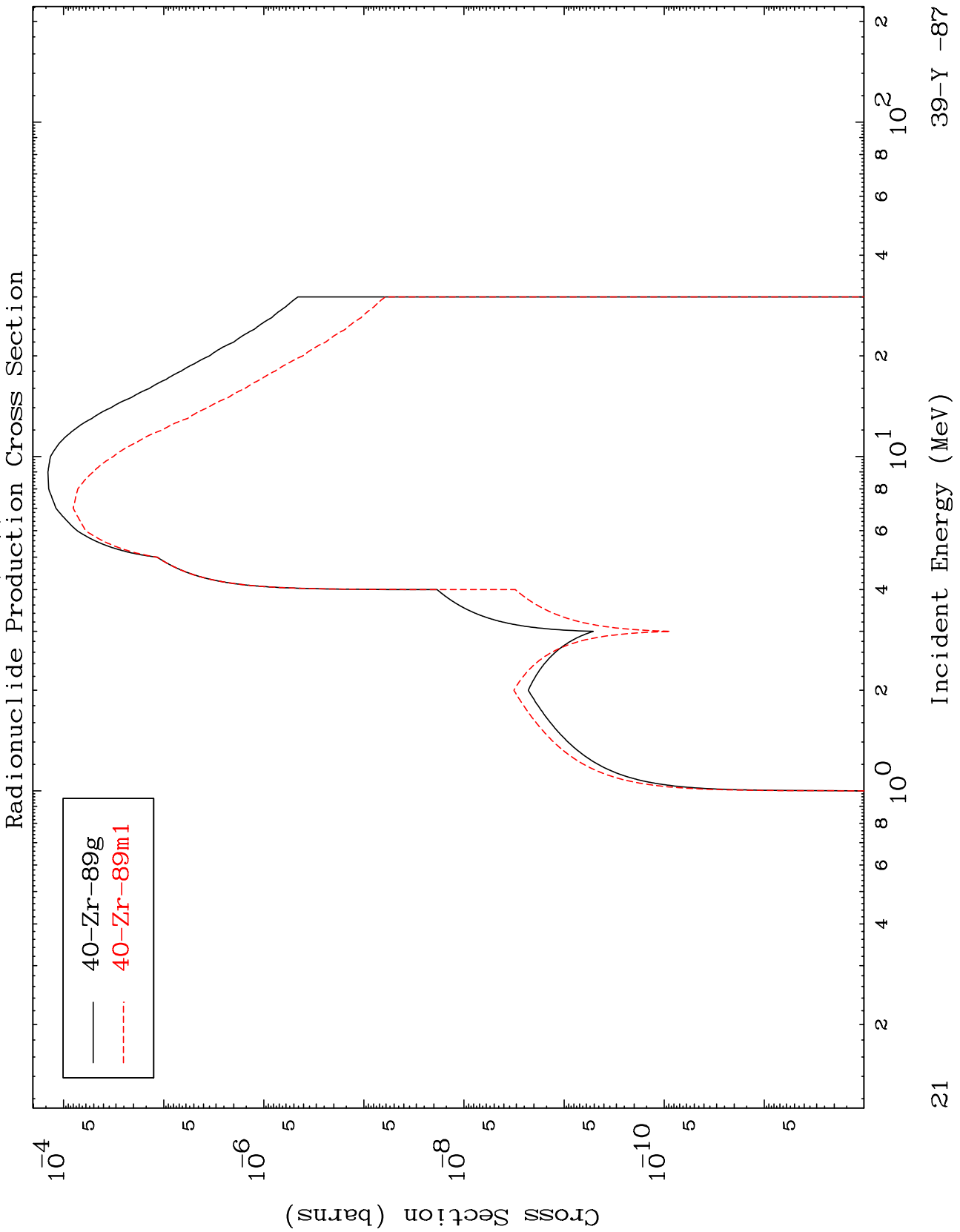
20

Incident Energy (MeV)

39-Y -87

MAT 3919

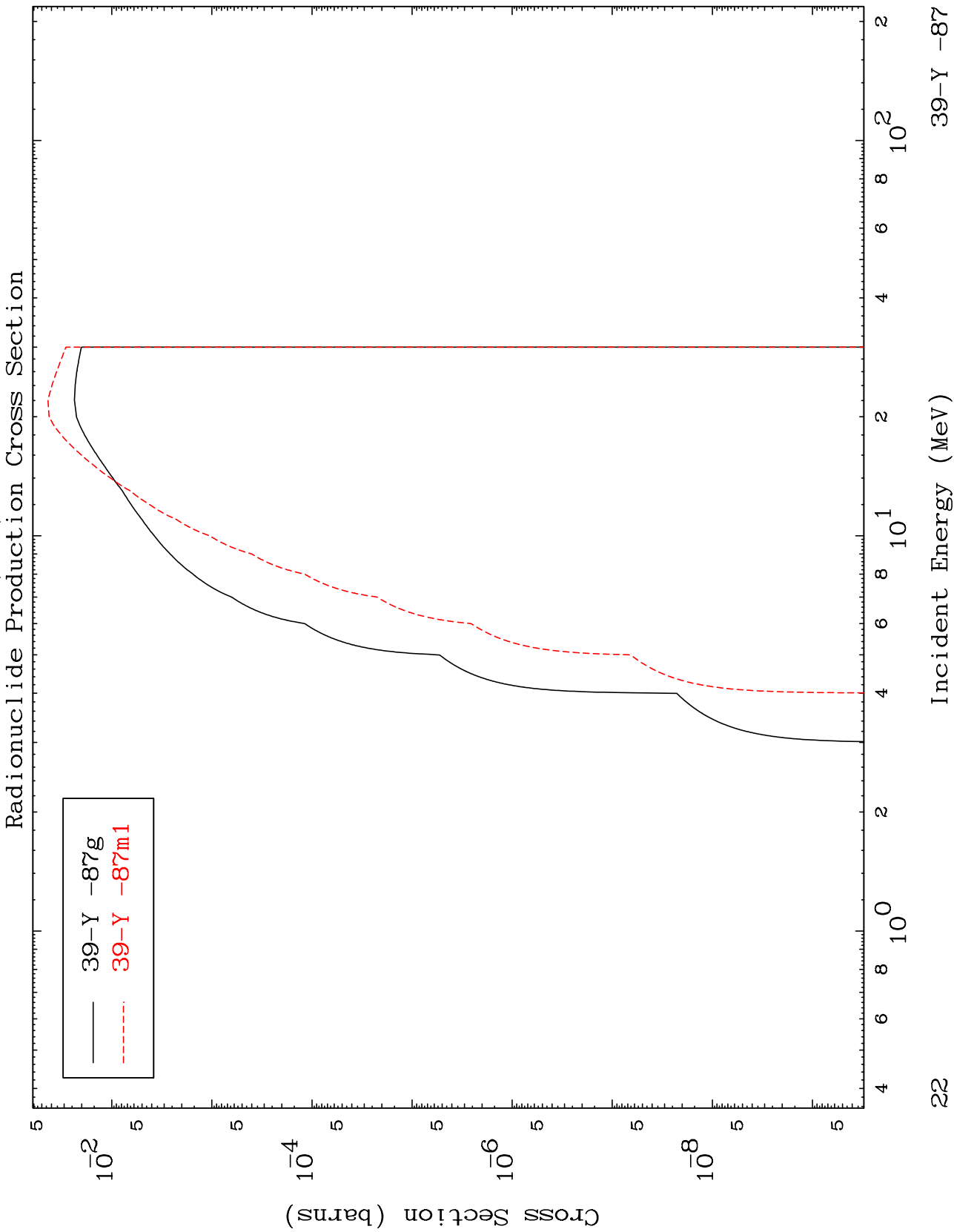
39-Y -87



MAT 3919

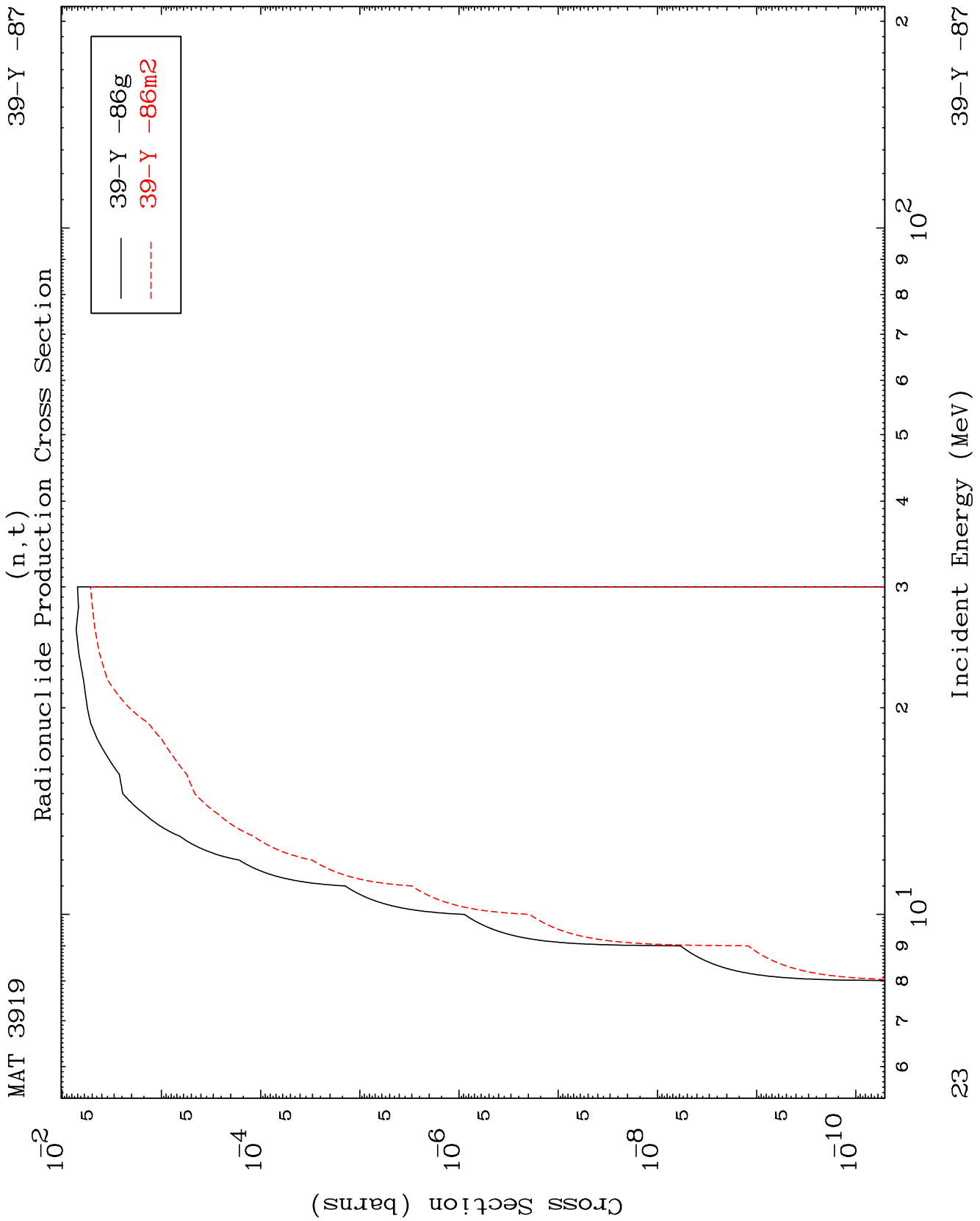
(n,d)

39-Y -87



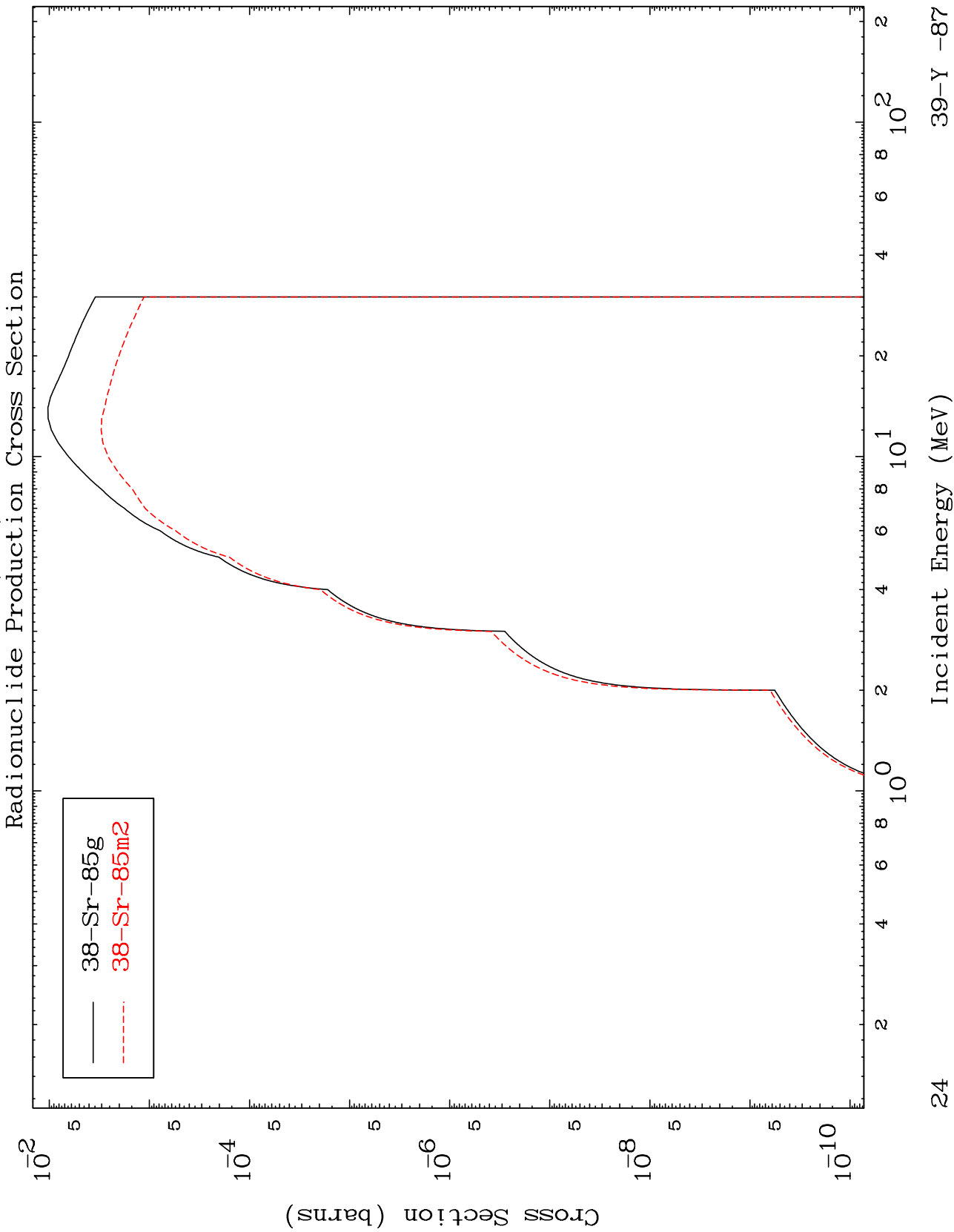
22

39-Y -87



MAT 3919

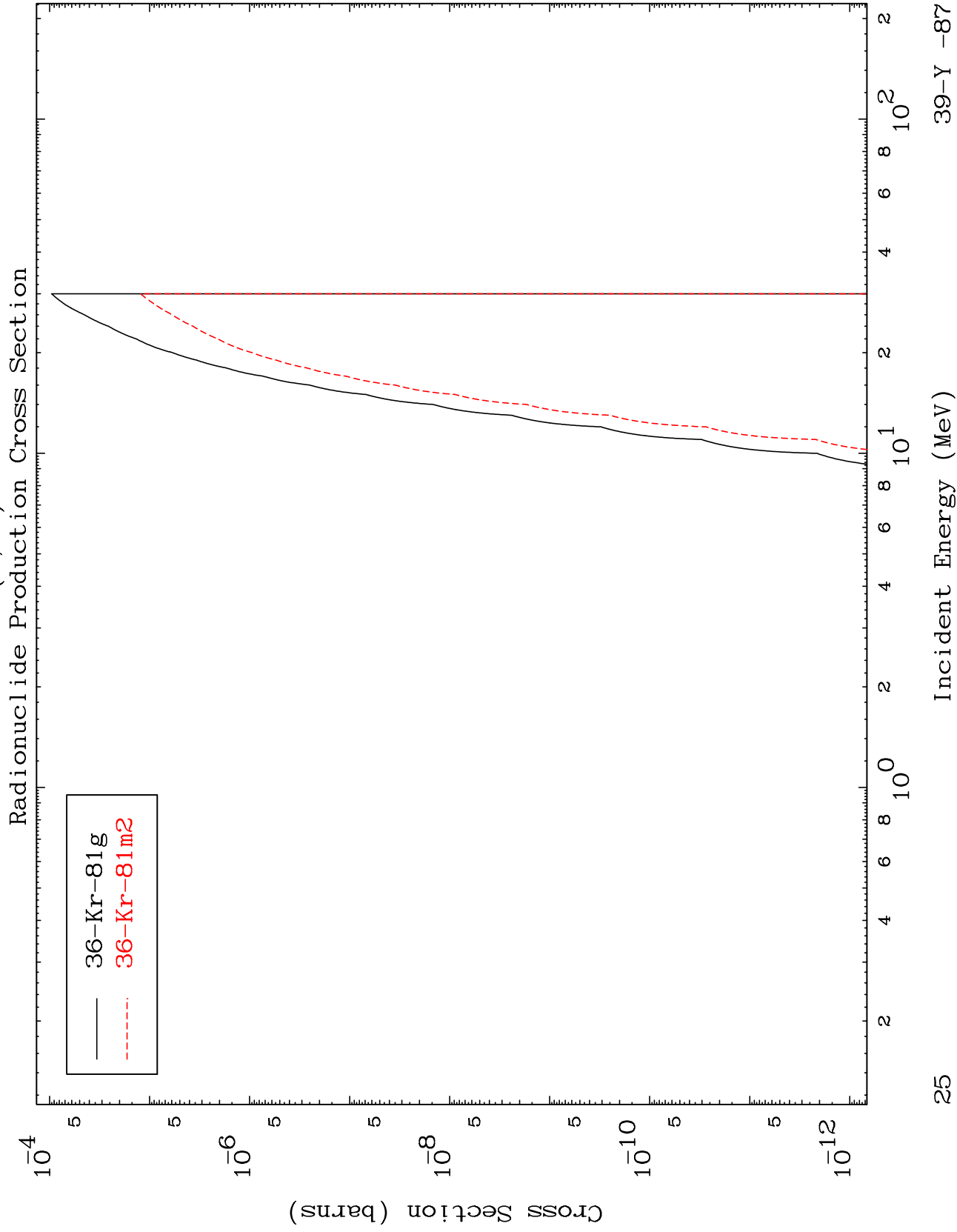
39-Y -87



MAT 3919

(n,2α)

39-Y -87

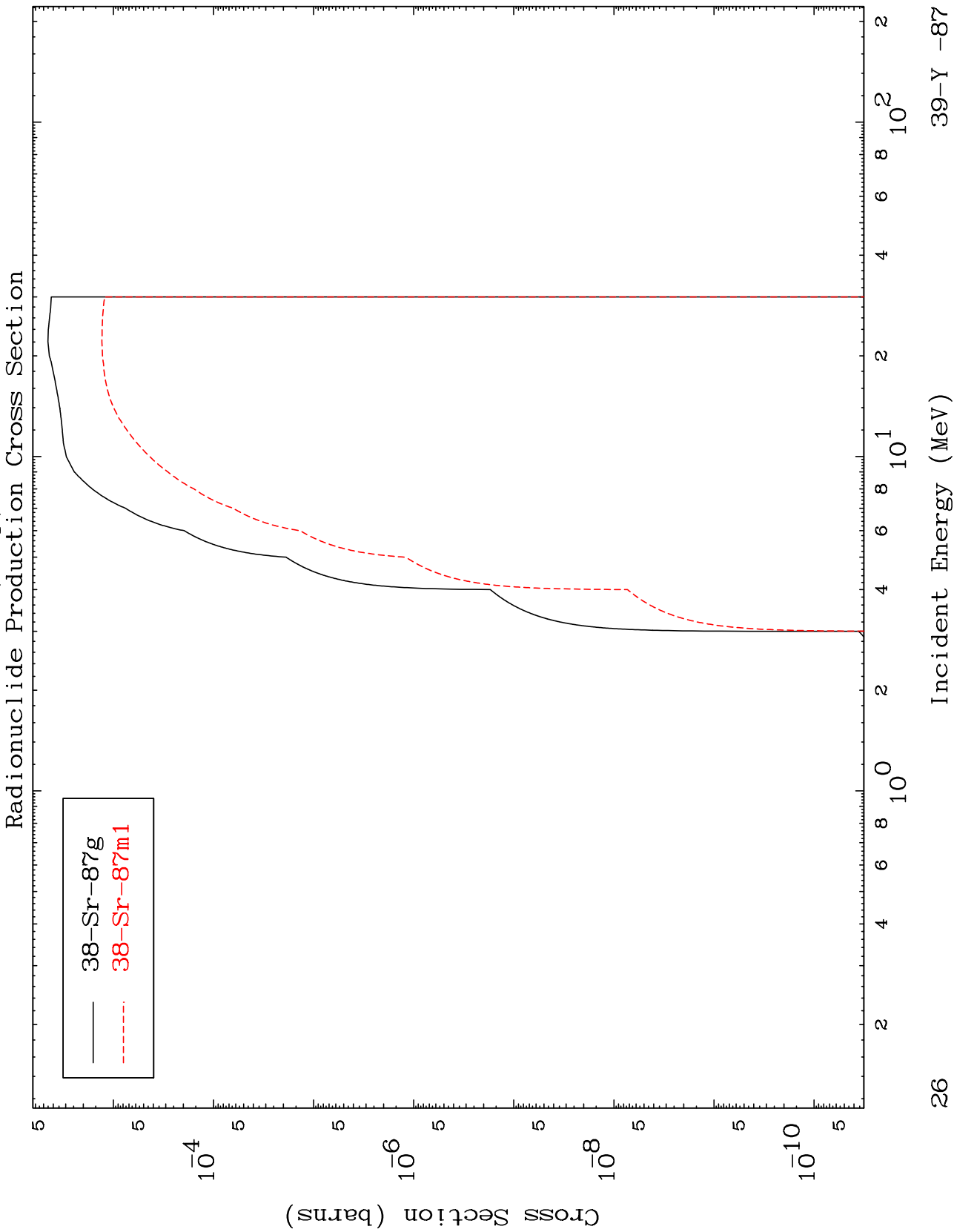


25

39-Y -87

MAT 3919

39-Y -87



39-Y -87

Incident Energy (MeV)

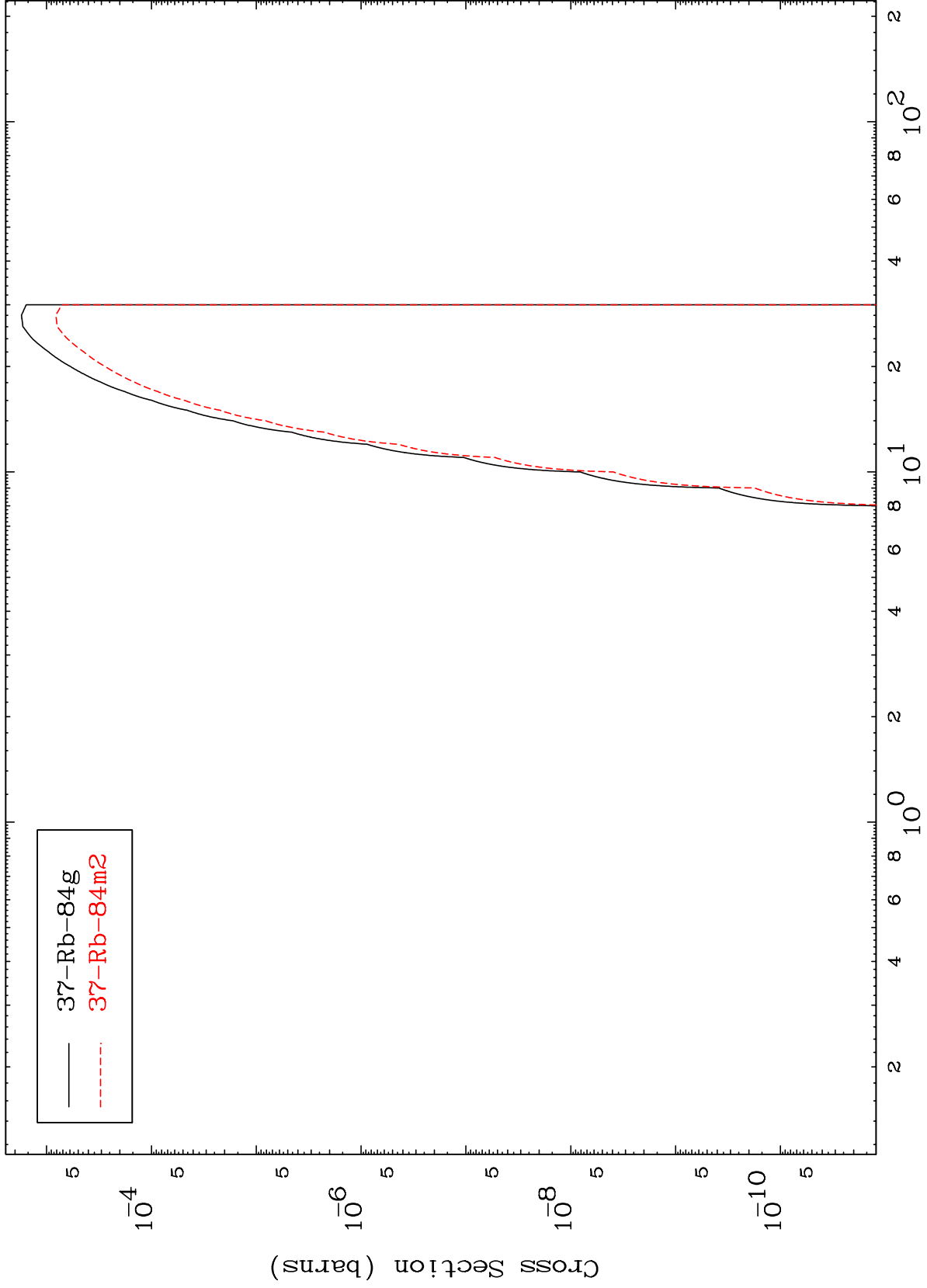
26

MAT 3919

(n,p)  $\alpha$

39-Y -87

Radionuclide Production Cross Section



— 37-Rb-84g  
- - - 37-Rb-84m2

27

Incident Energy (MeV)

39-Y -87

Radionuclide Production Cross Section

