

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

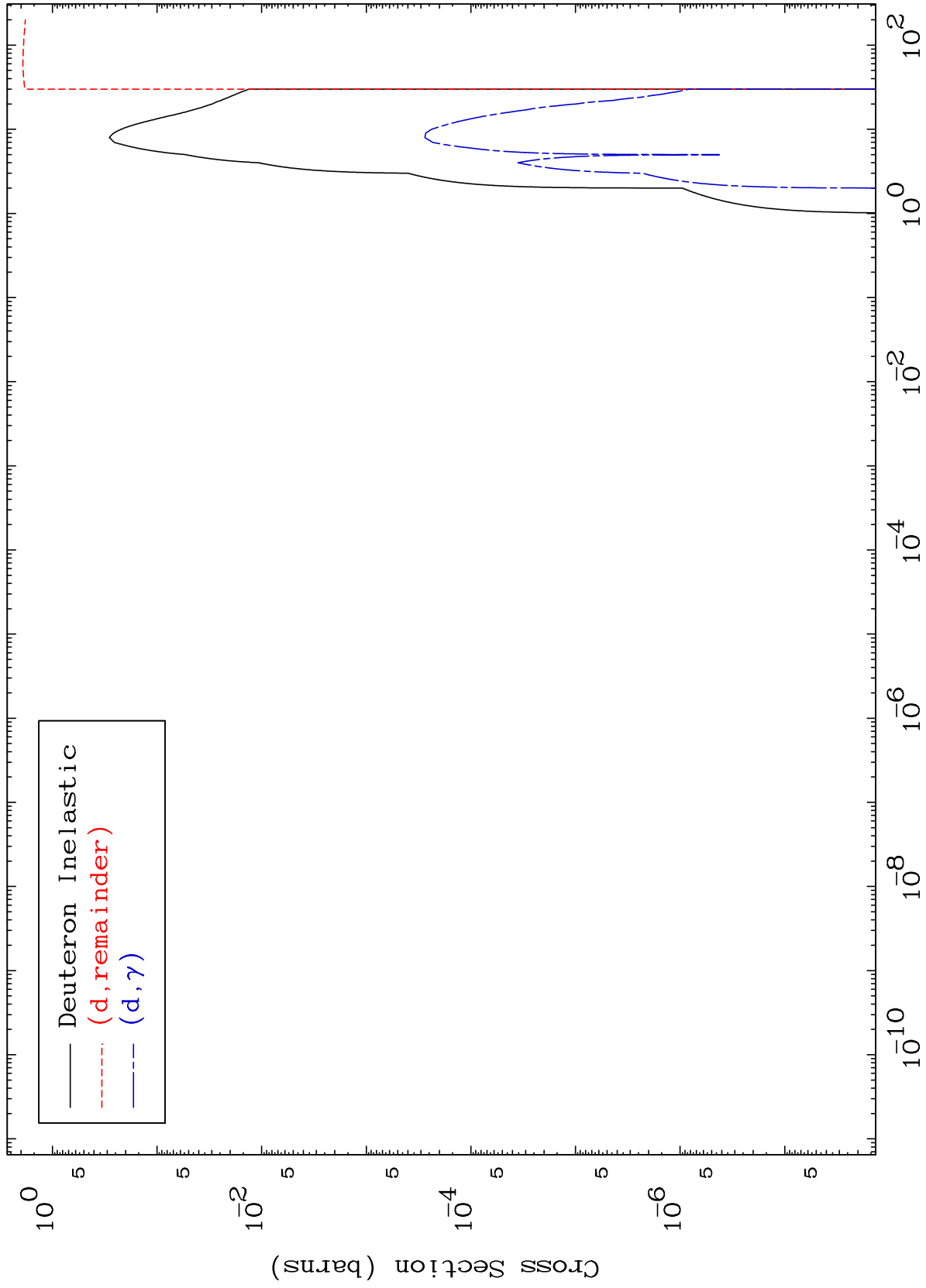
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

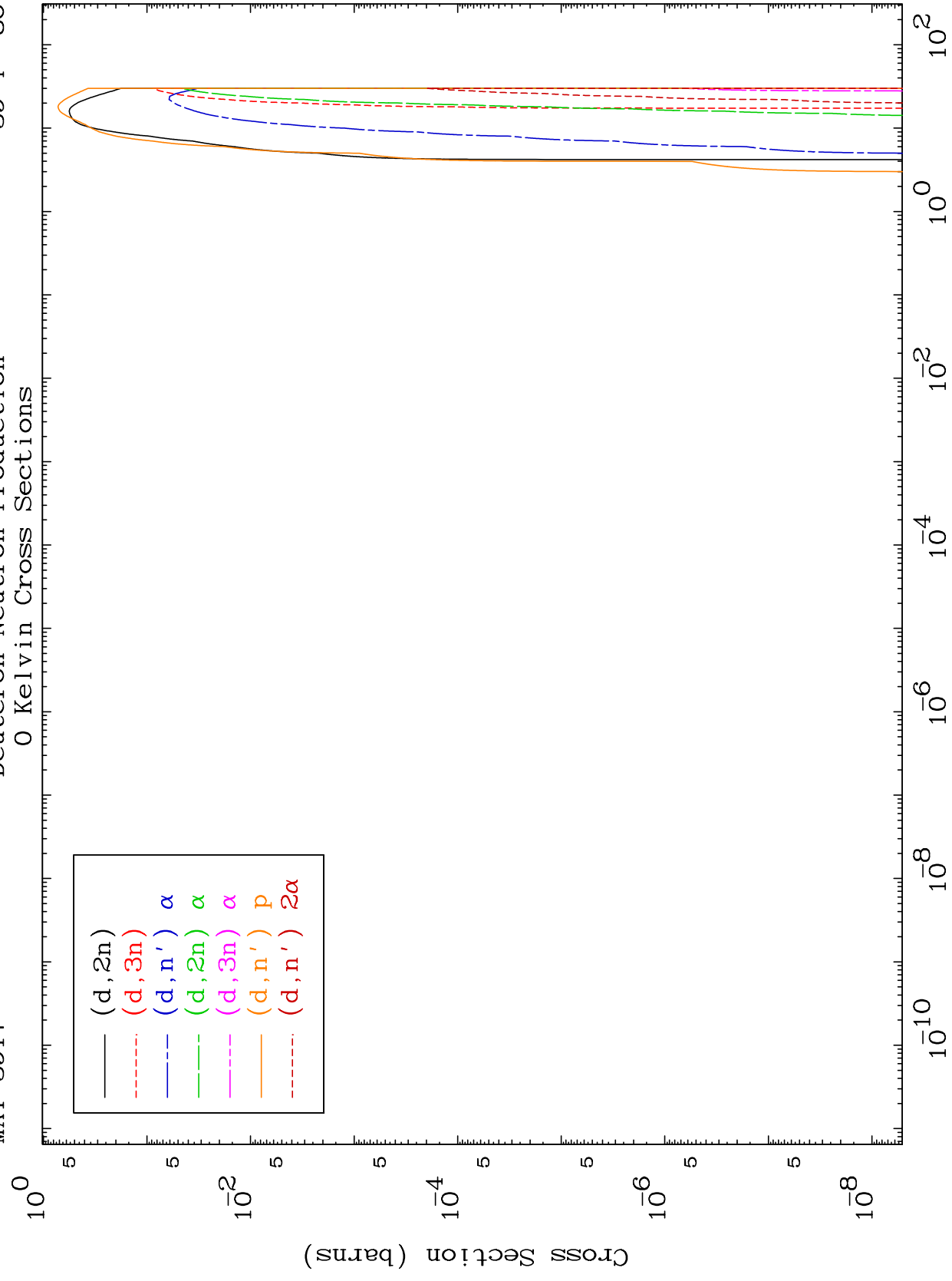
Press Mouse Button to Start



MAT 3917

Deuteron Neutron Production  
0 Kelvin Cross Sections

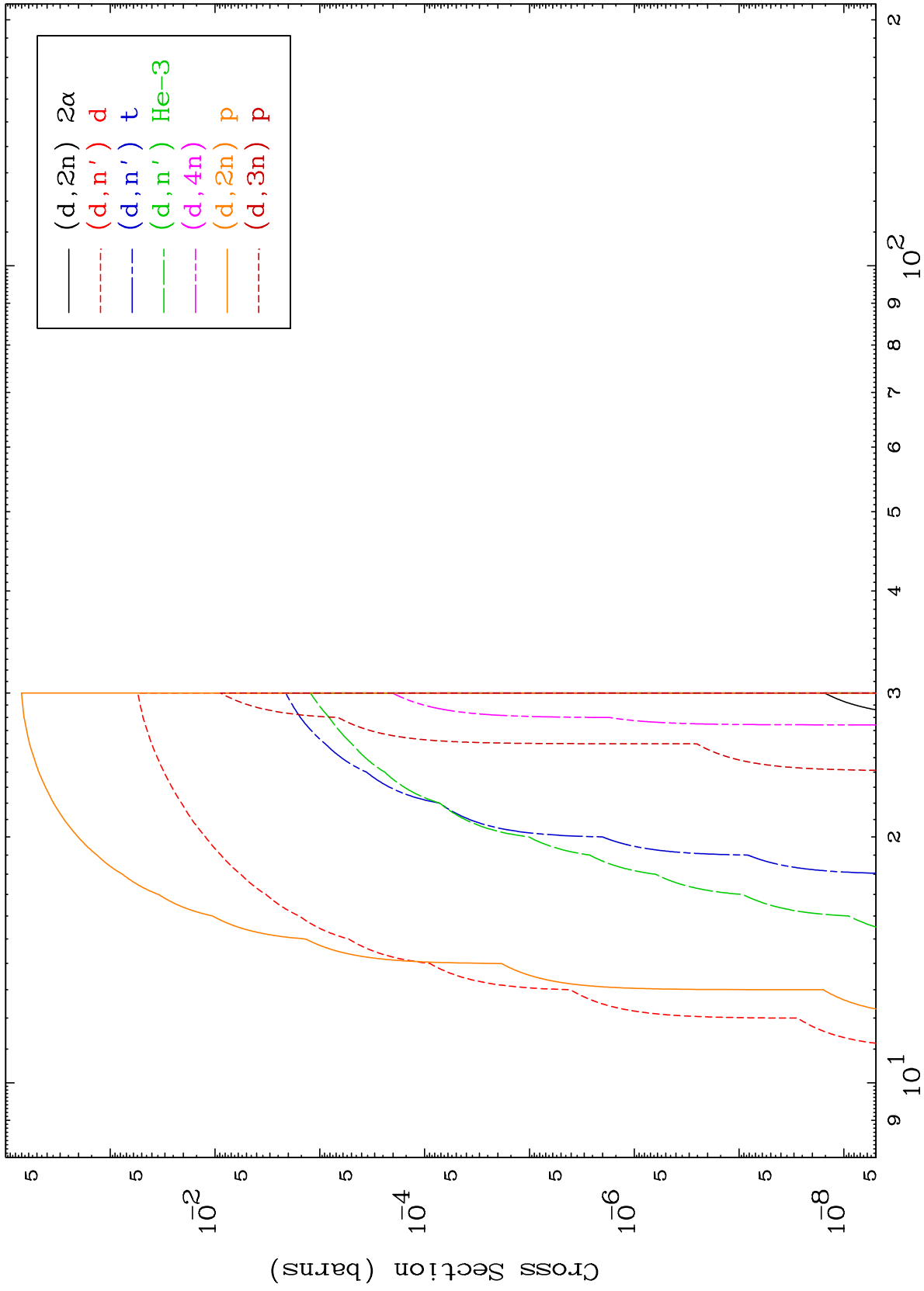
39-Y -86



2

Incident Energy (MeV)

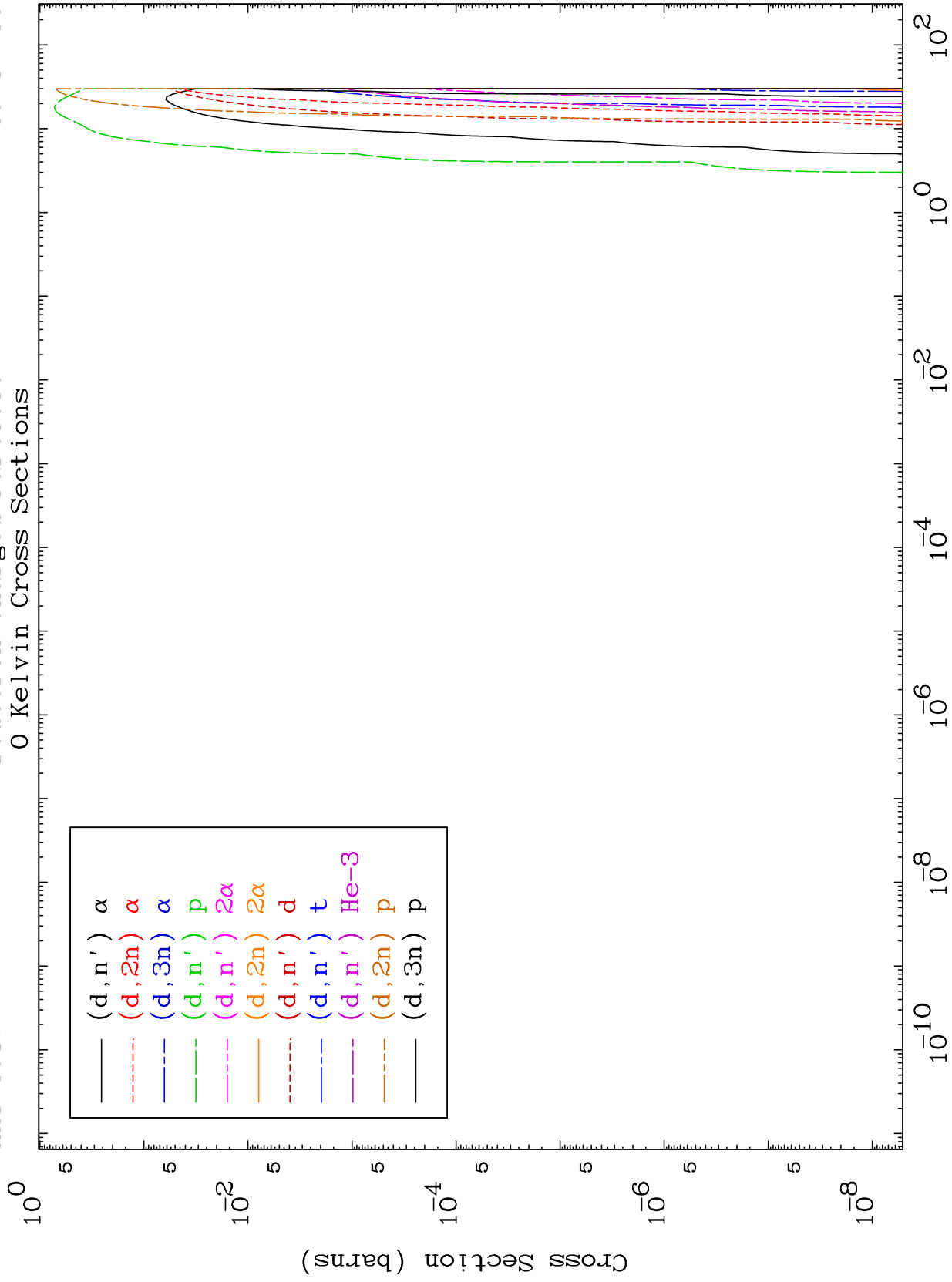
39-Y -86

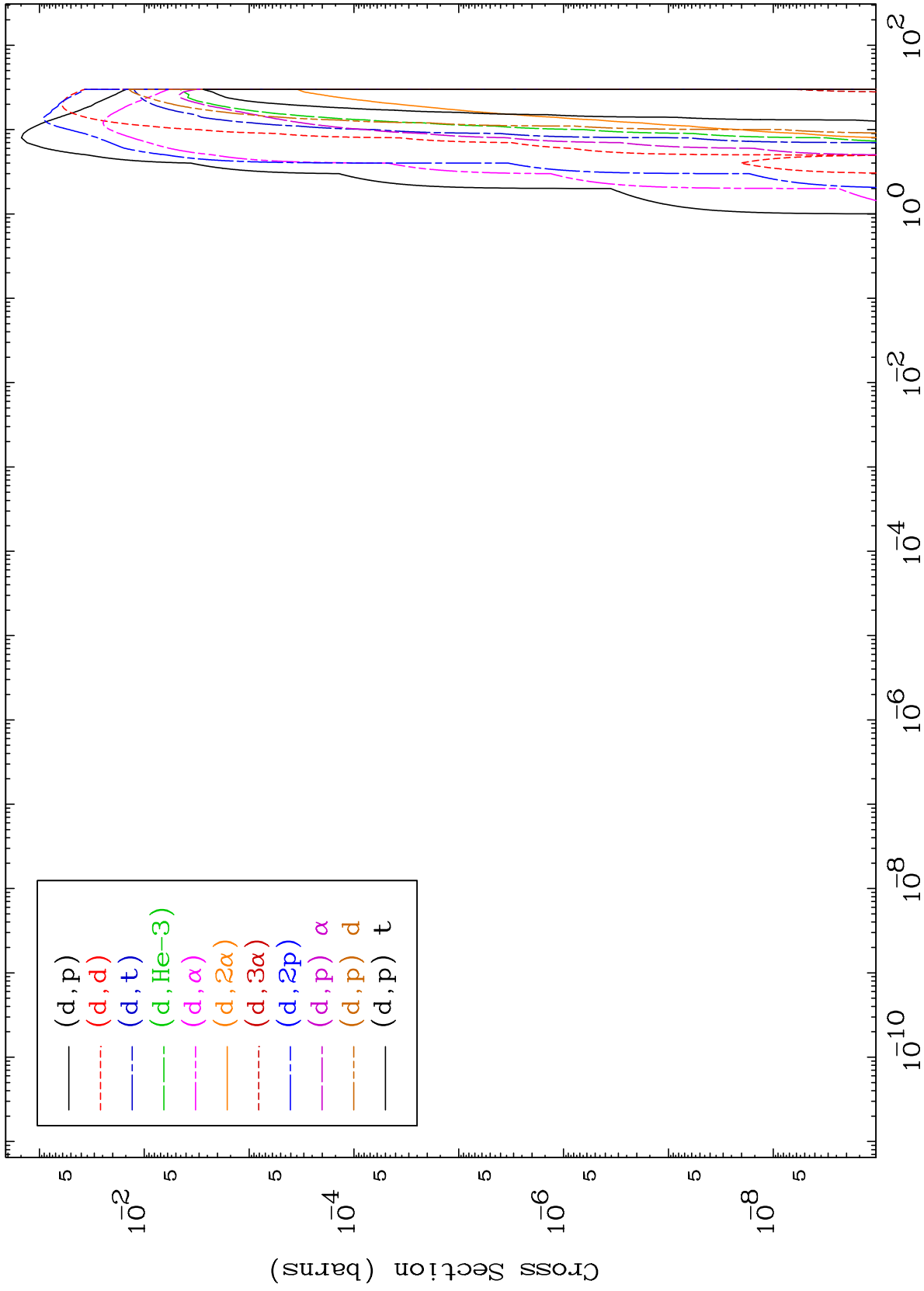


MAT 3917

Deuteron Charged Particle  
0 Kelvin Cross Sections

39-Y -86

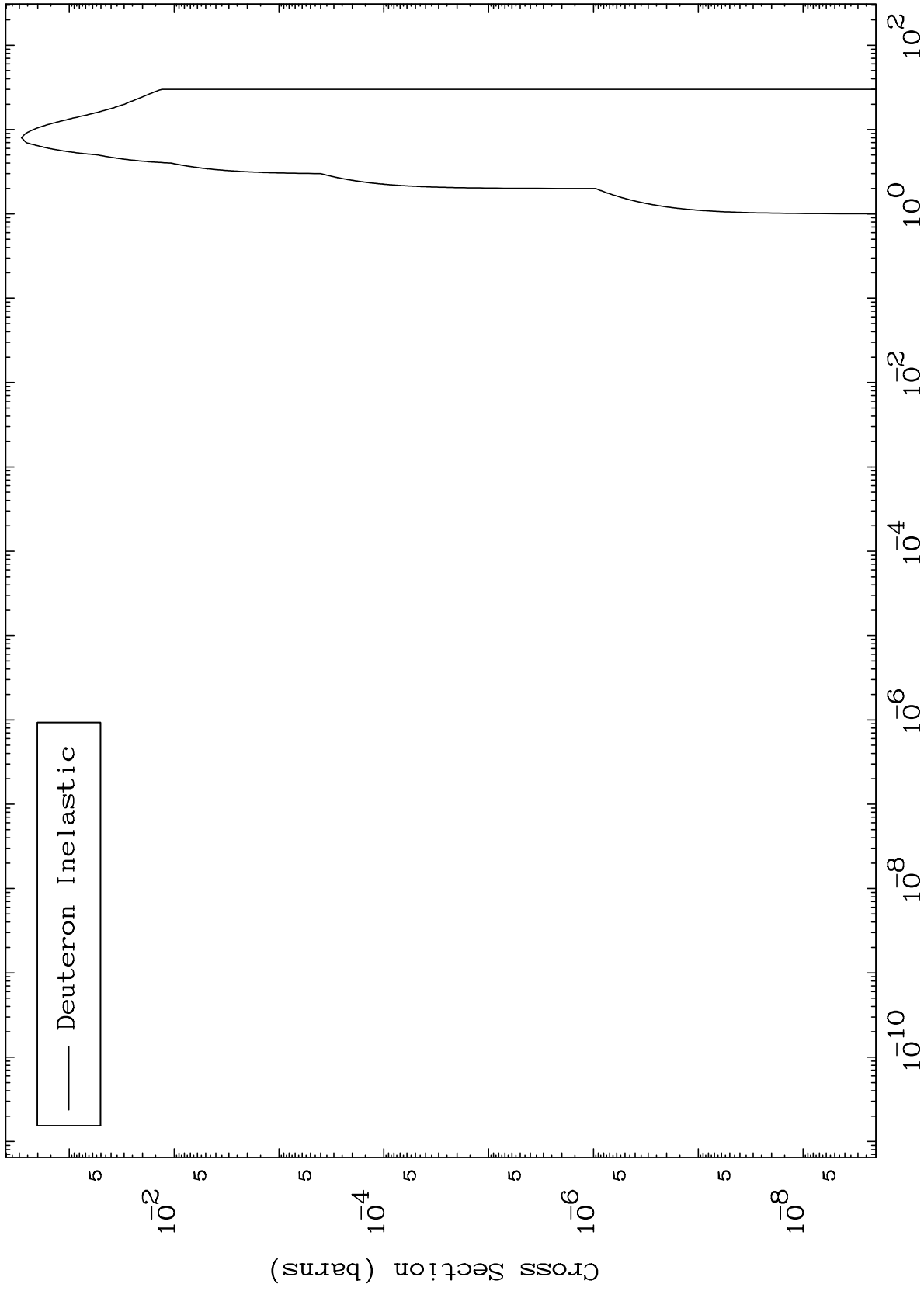




MAT 3917

(d,n') Level  
0 Kelvin Cross Sections

39-Y -86



6

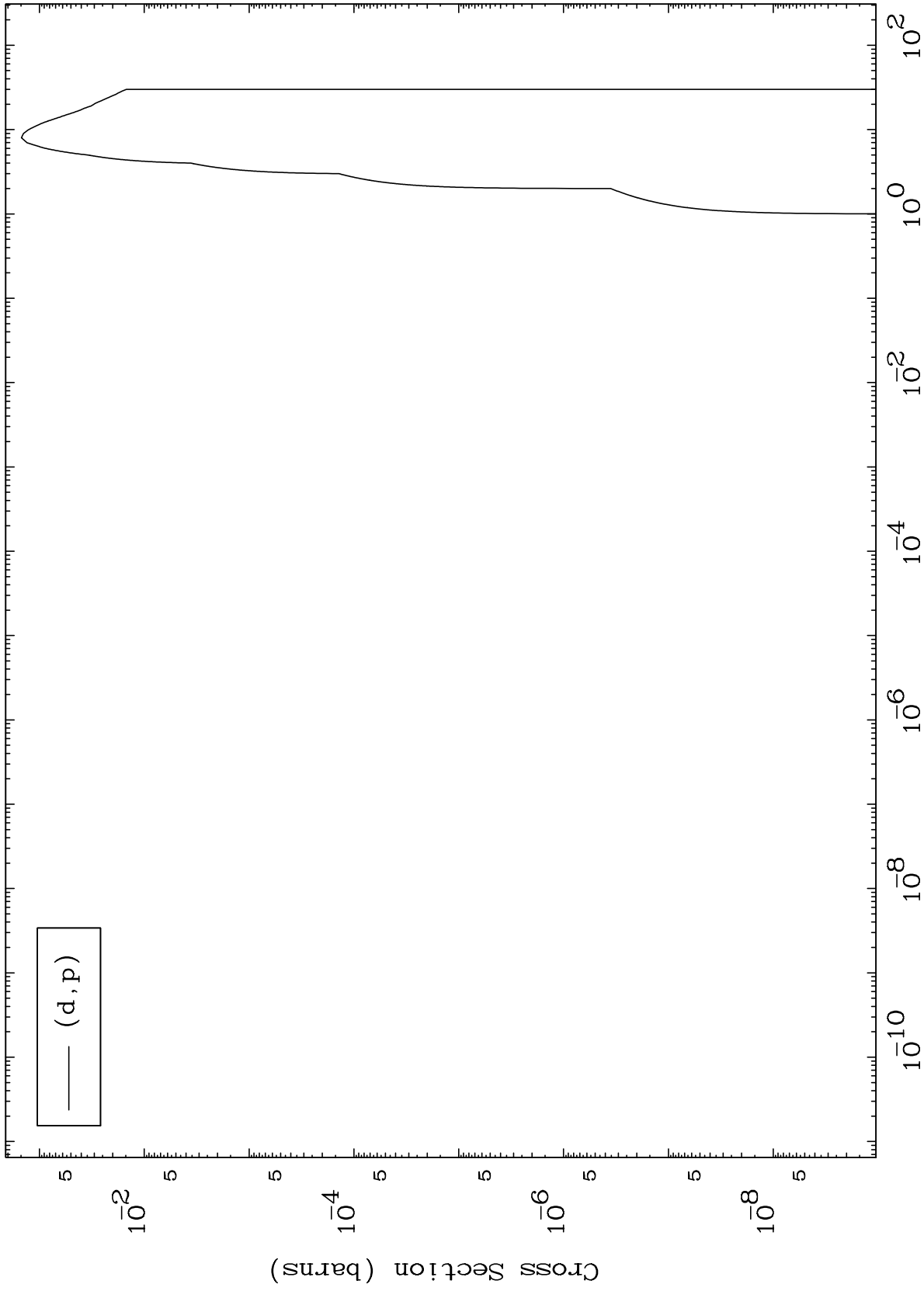
Incident Energy (MeV)

39-Y -86

MAT 3917

(d,p) Levels  
0 Kelvin Cross Sections

39-Y -86

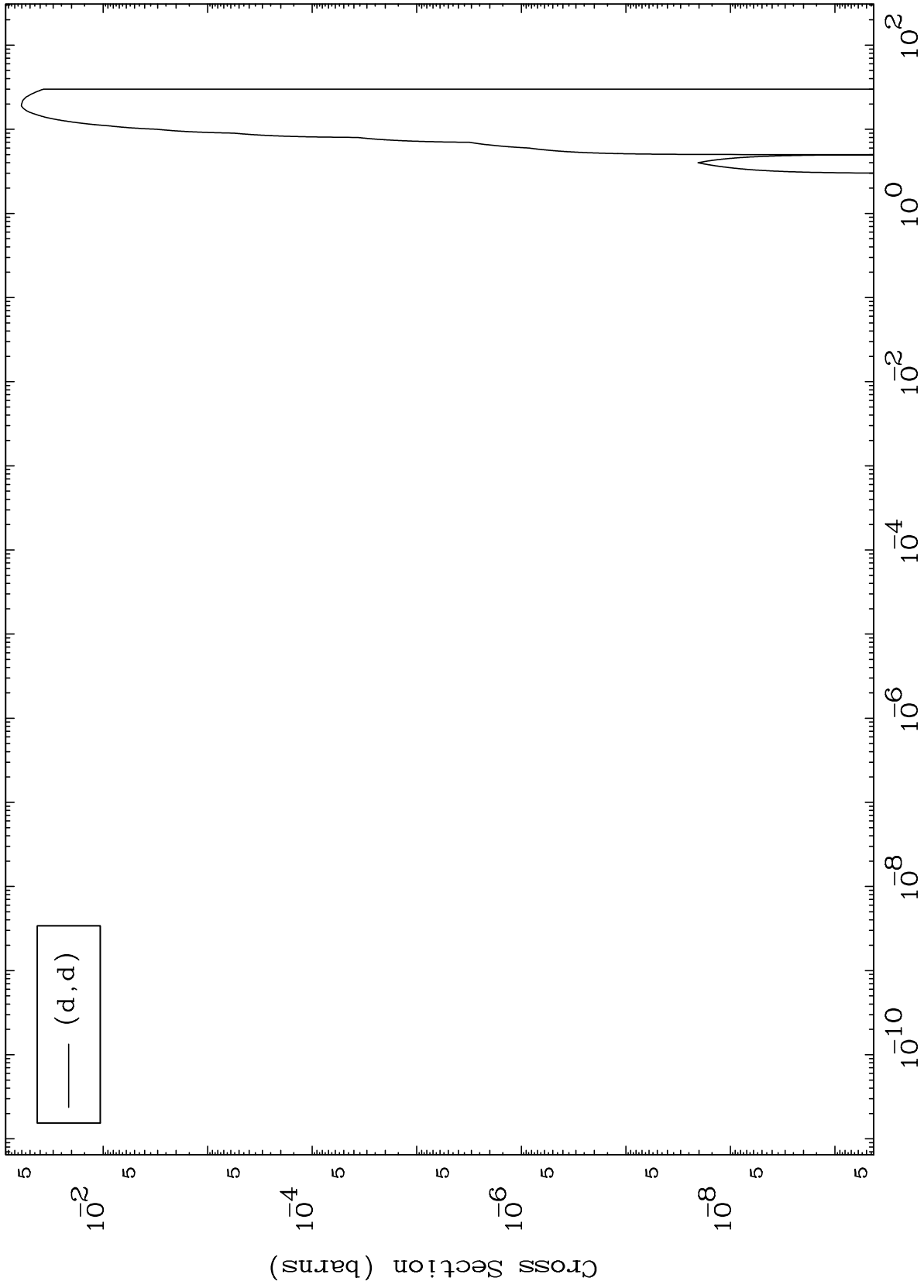


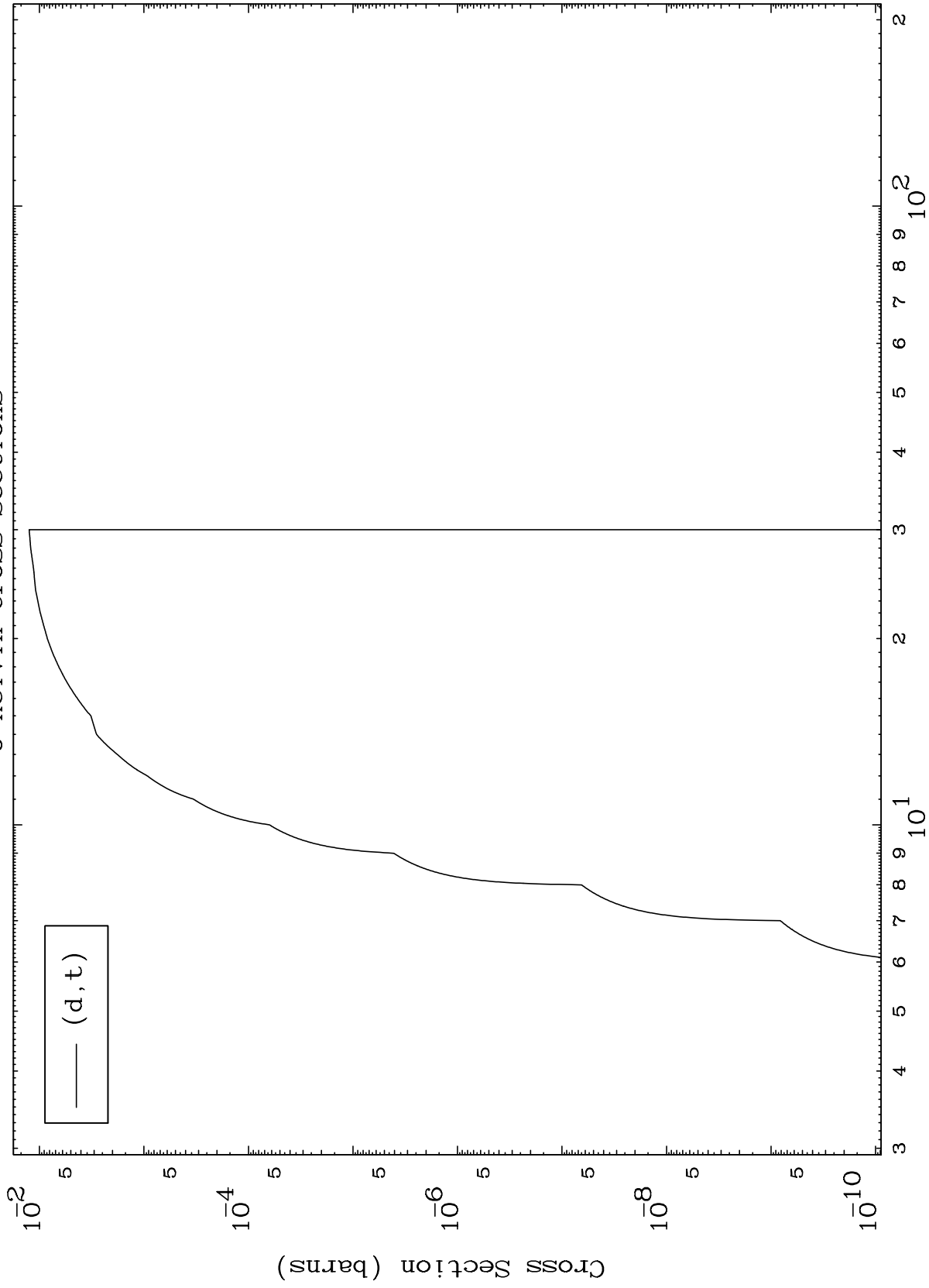
7

Incident Energy (MeV)

39-Y -86



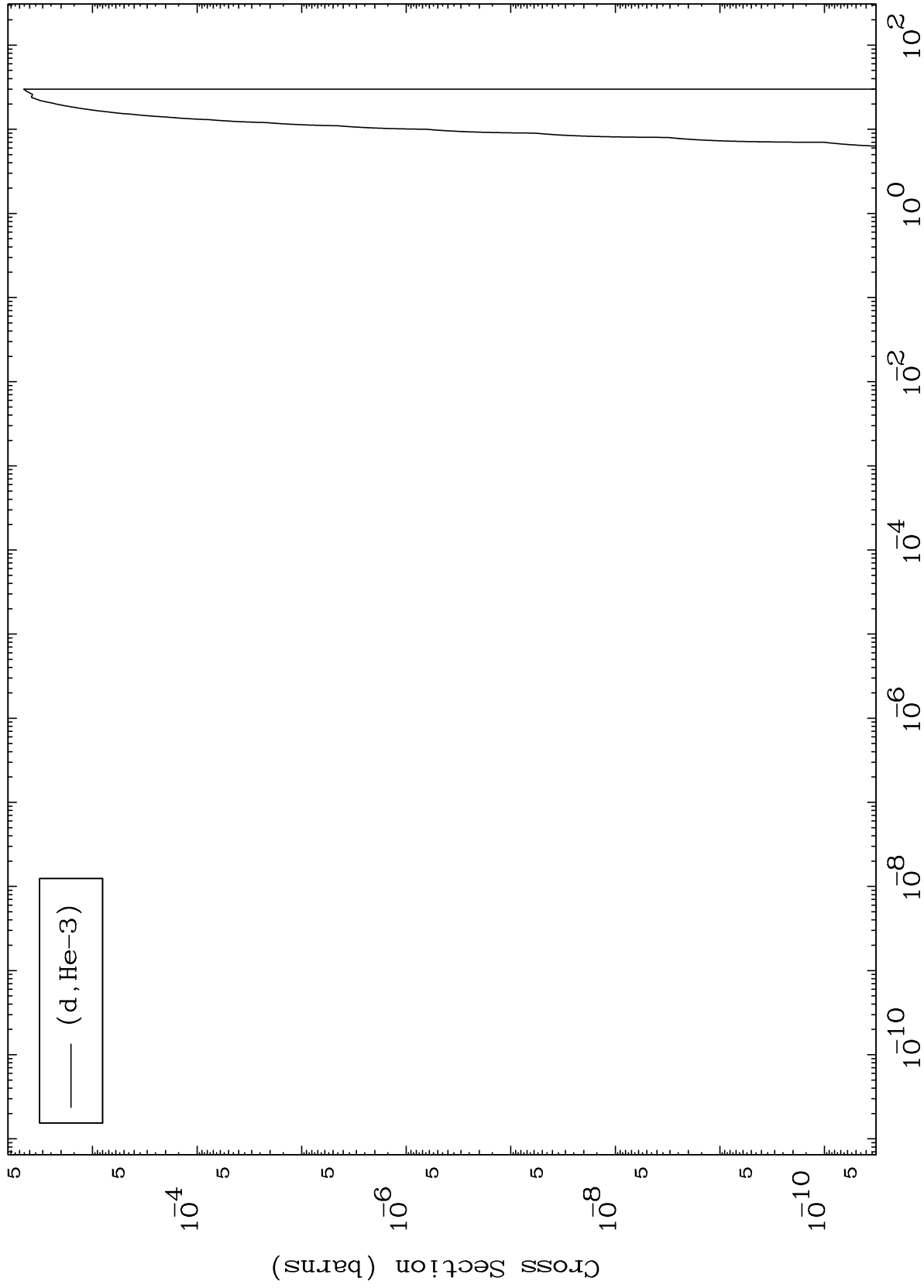




MAT 3917

(d,He3) Levels  
0 Kelvin Cross Sections

39-Y -86



10

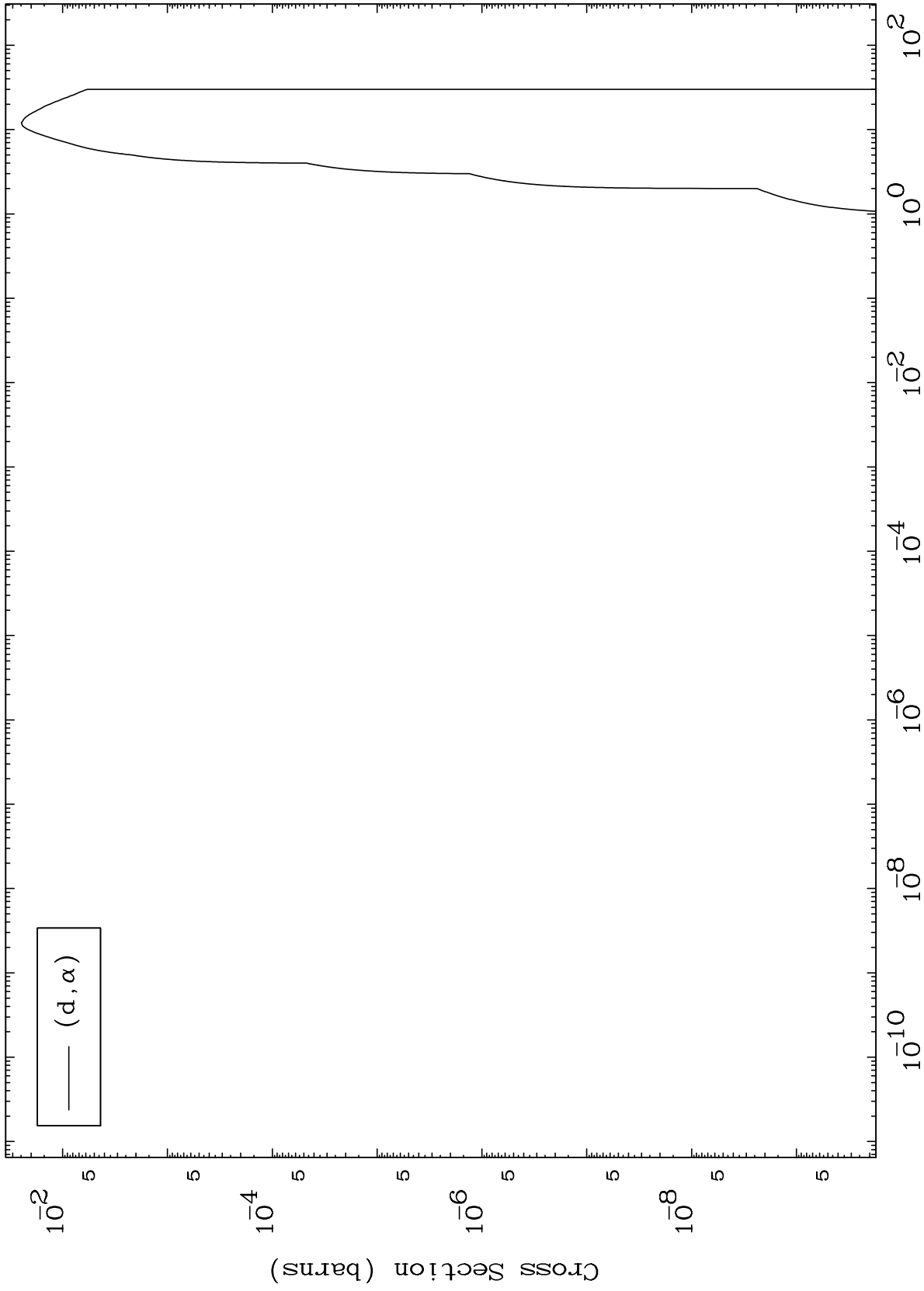
Incident Energy (MeV)

39-Y -86

MAT 3917

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

39-Y -86



11

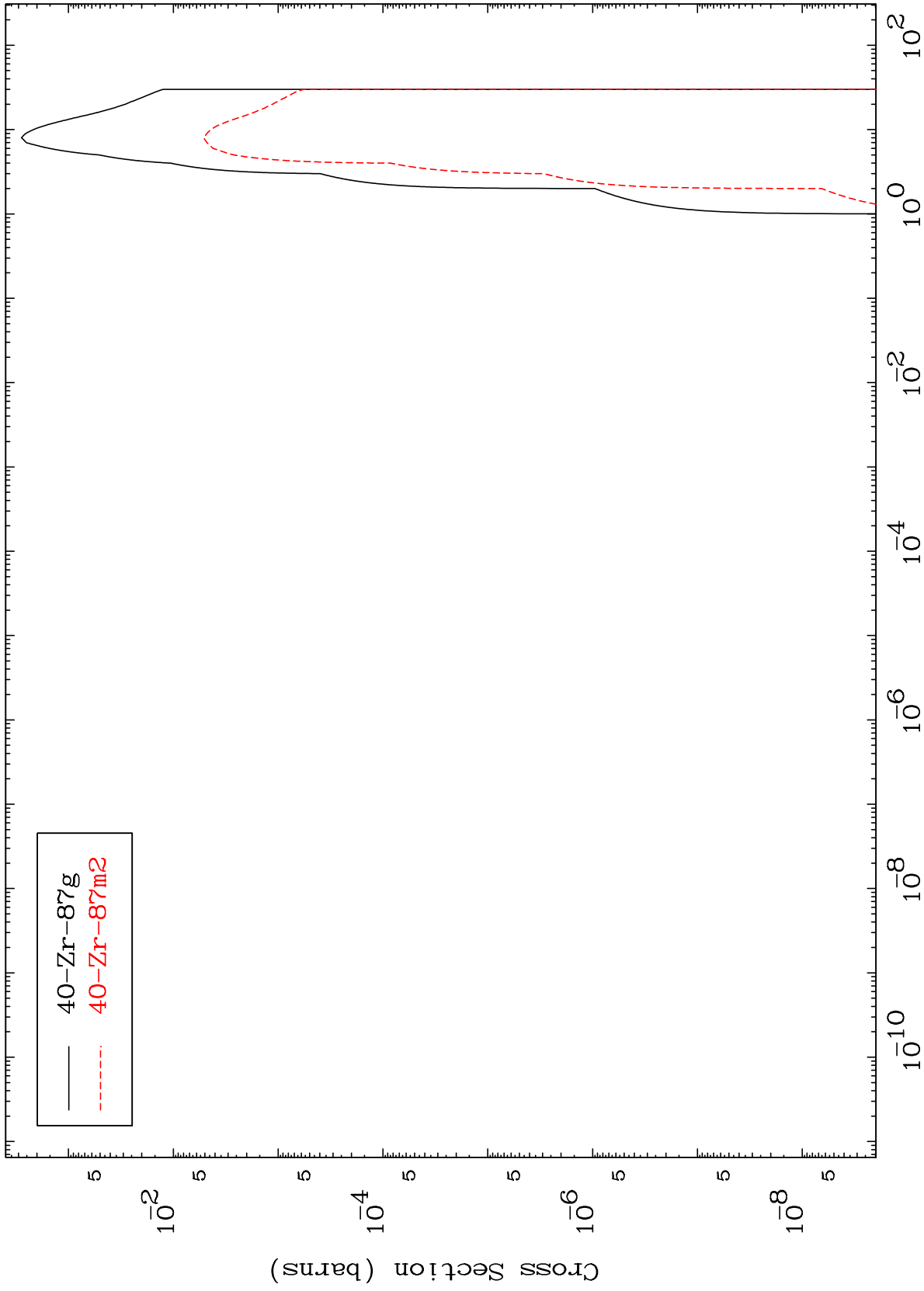
Incident Energy (MeV)

39-Y -86

MAT 3917

Deuteron Inelastic  
Radionuclide Production Cross Section

39-Y -86



12

Incident Energy (MeV)

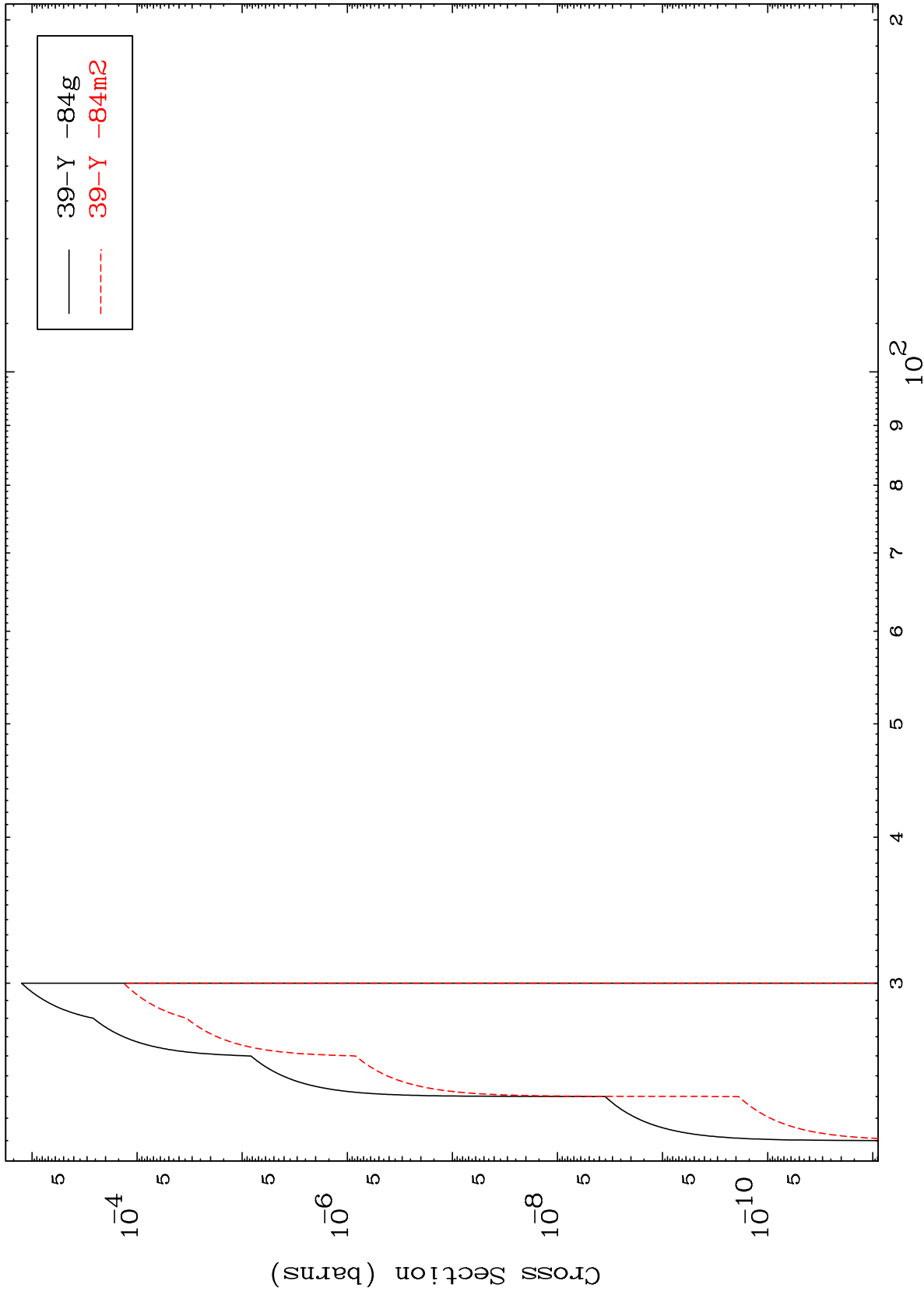
39-Y -86

MAT 3917

(d,2n) d

39-Y -86

Radionuclide Production Cross Section



13

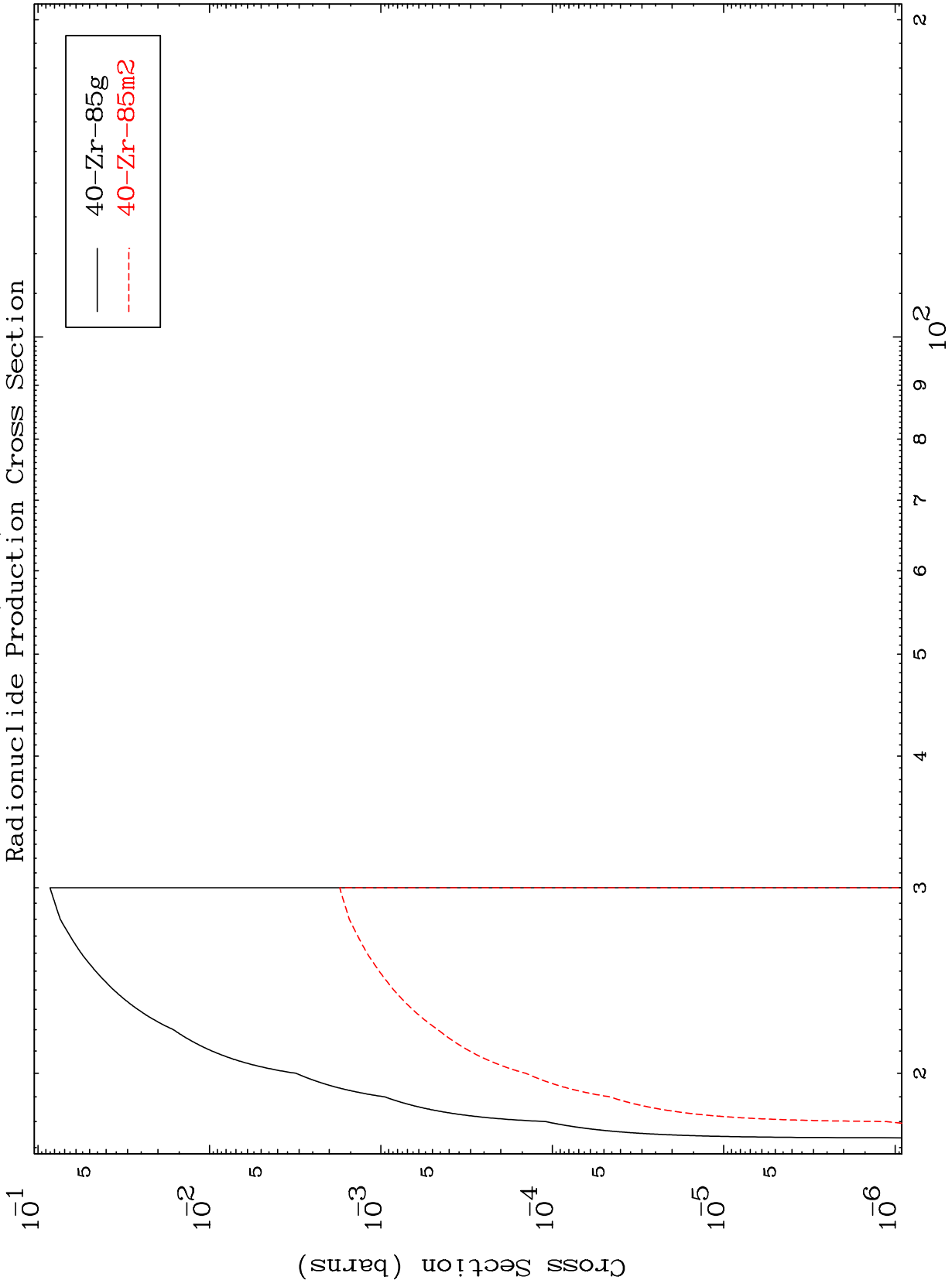
Incident Energy (MeV)

39-Y -86

MAT 3917

39-Y -86

Radionuclide Production Cross Section  
(d,3n)



14

Incident Energy (MeV)

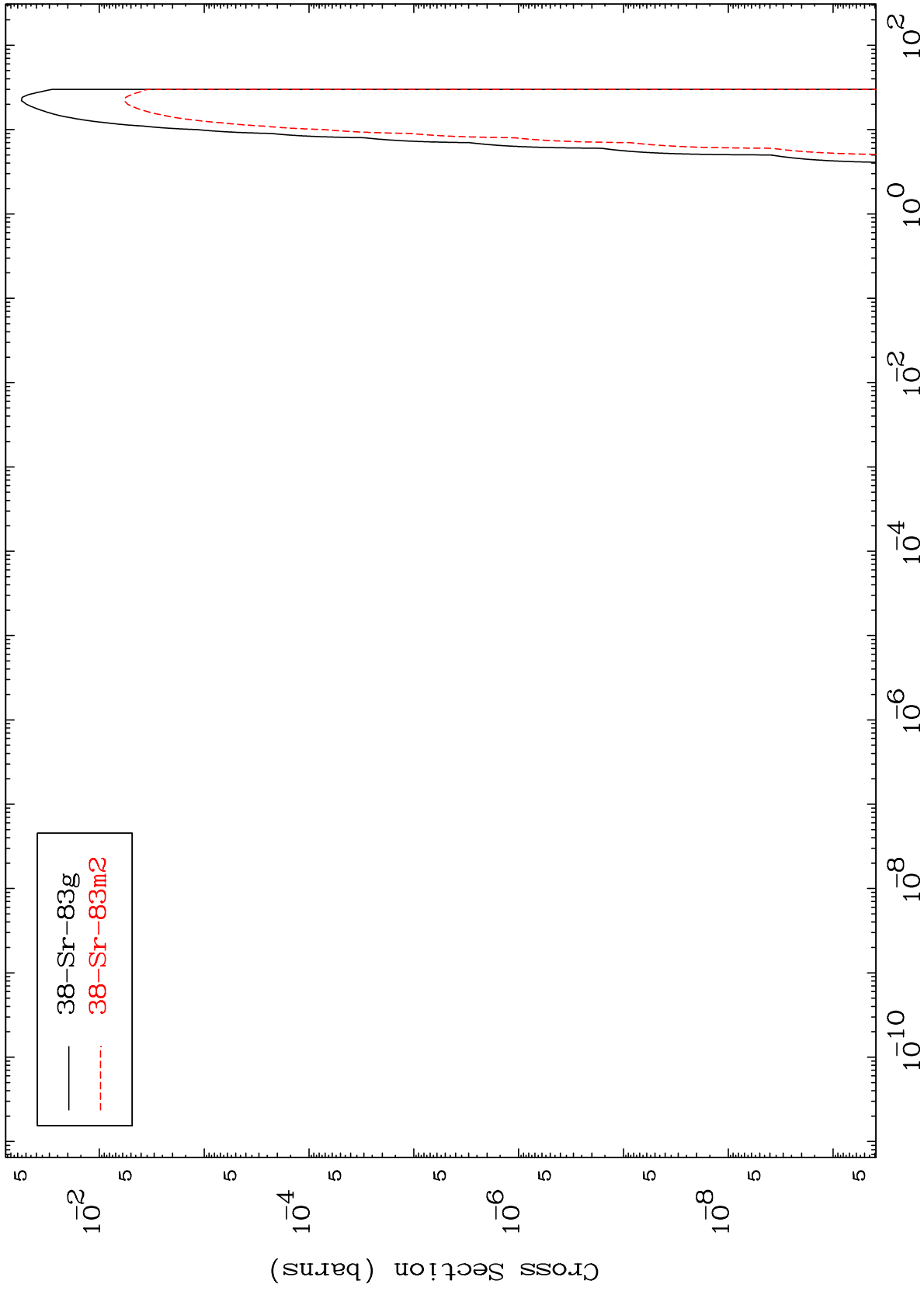
39-Y -86

MAT 3917

(d,n')  $\alpha$

39-Y -86

Radionuclide Production Cross Section



15

Incident Energy (MeV)

39-Y -86

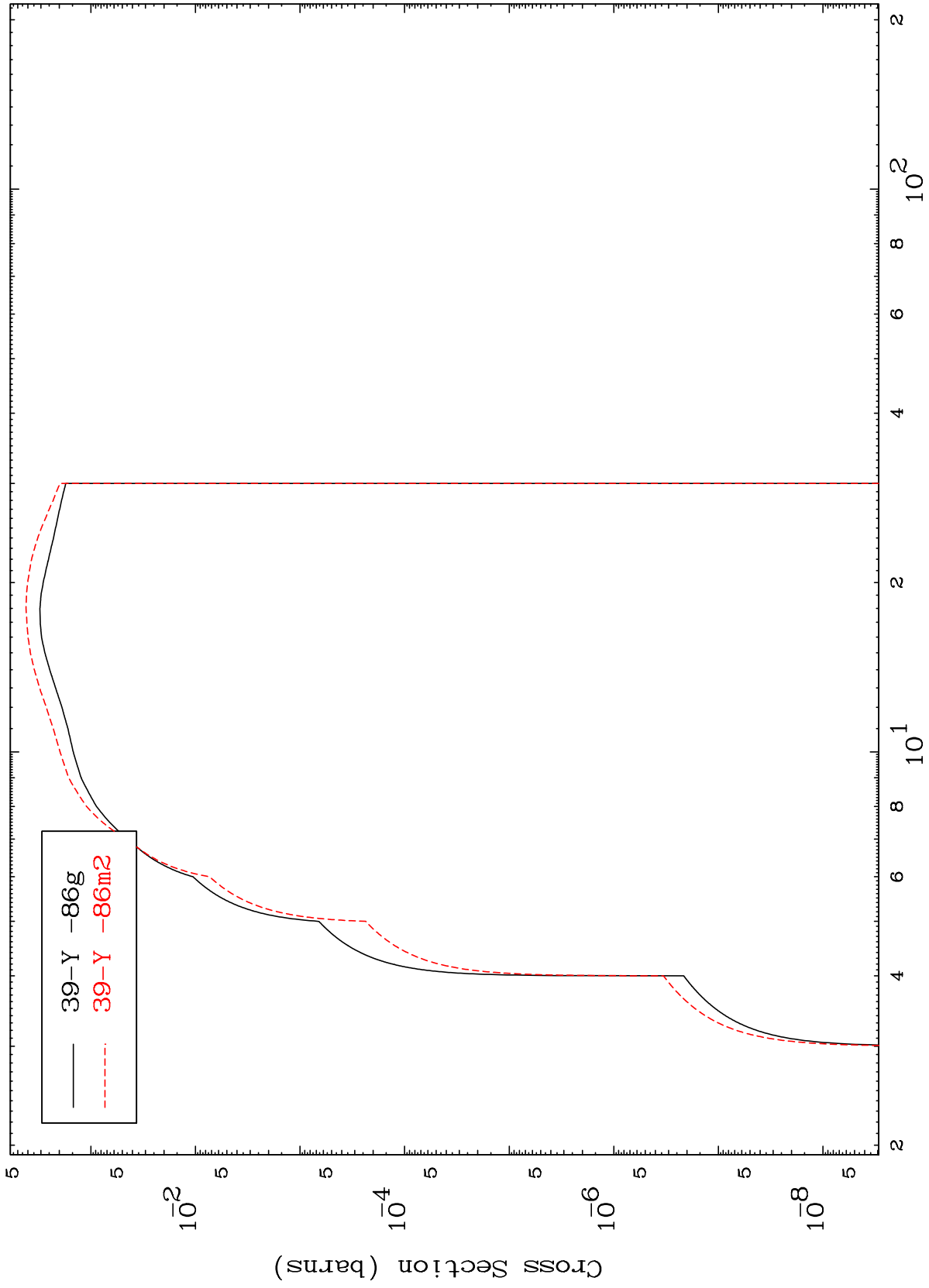


MAT 3917

(d,n') p

39-Y -86

Radionuclide Production Cross Section



16

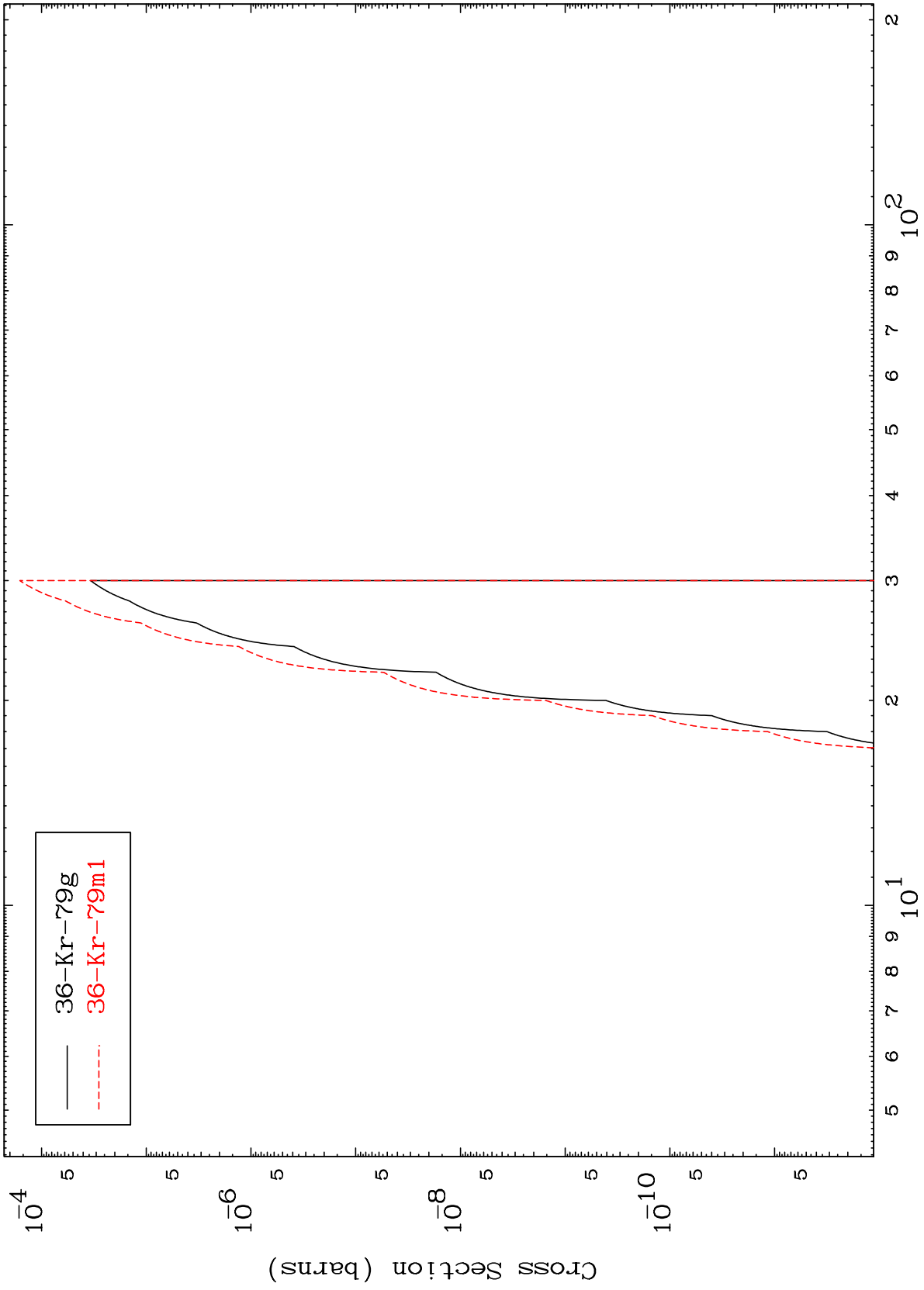
Incident Energy (MeV)

39-Y -86

MAT 3917

39-Y -86

(d,n')  $2\alpha$   
Radionuclide Production Cross Section



17

Incident Energy (MeV)

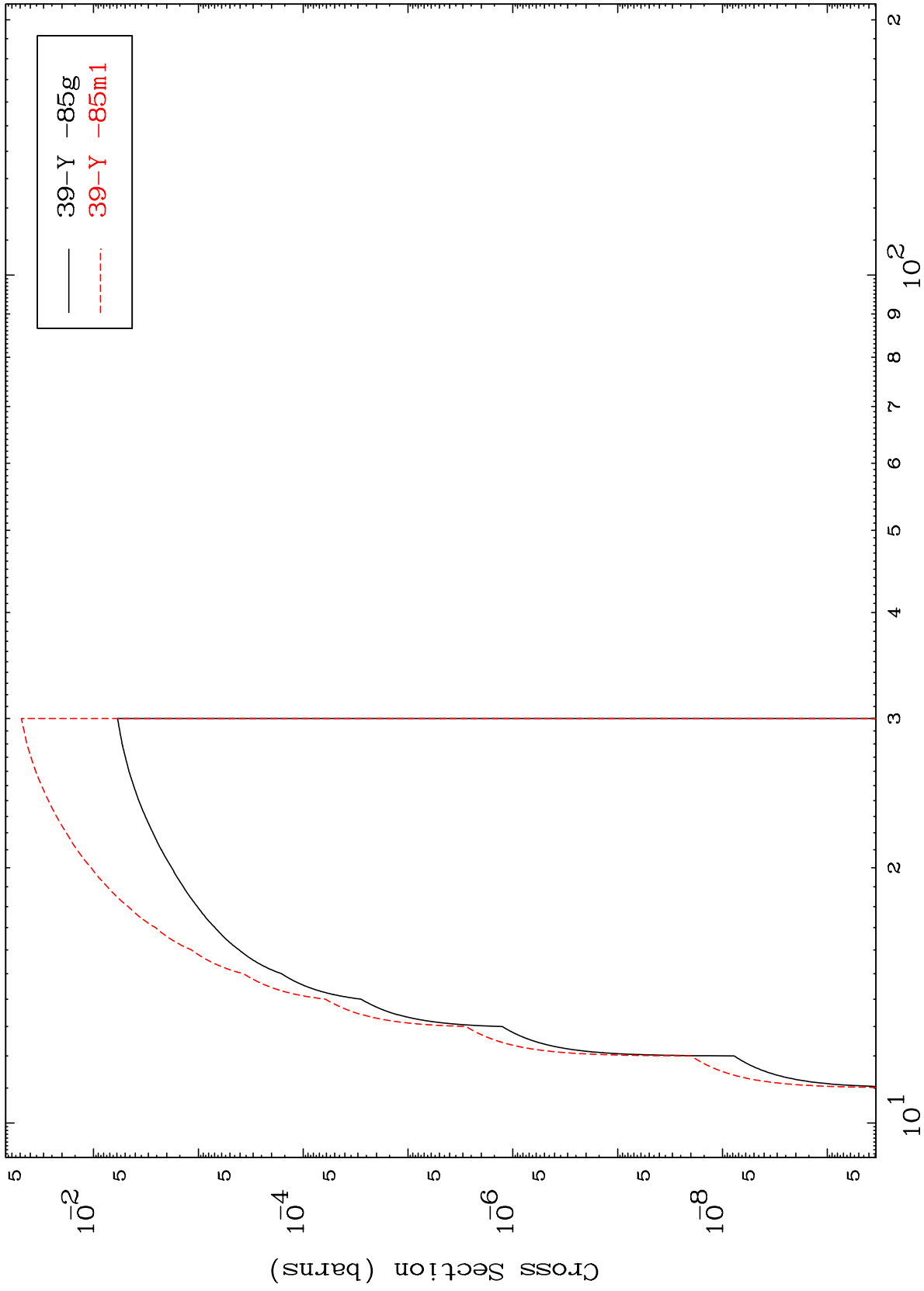
39-Y -86

MAT 3917

(d,n') d

39-Y -86

Radionuclide Production Cross Section



Incident Energy (MeV)

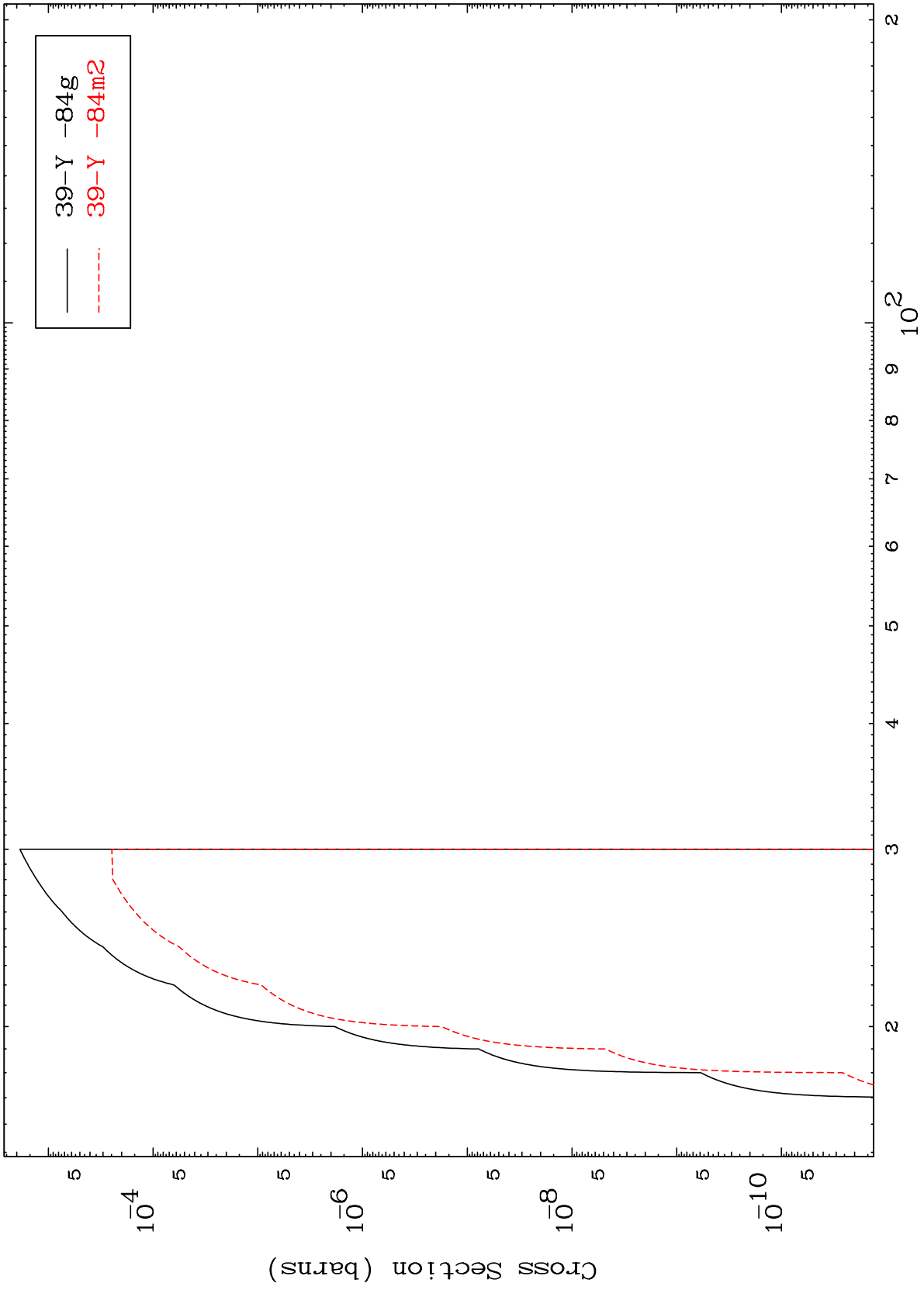
39-Y -86

MAT 3917

(d,n') t

39-Y -86

Radionuclide Production Cross Section



19

Incident Energy (MeV)

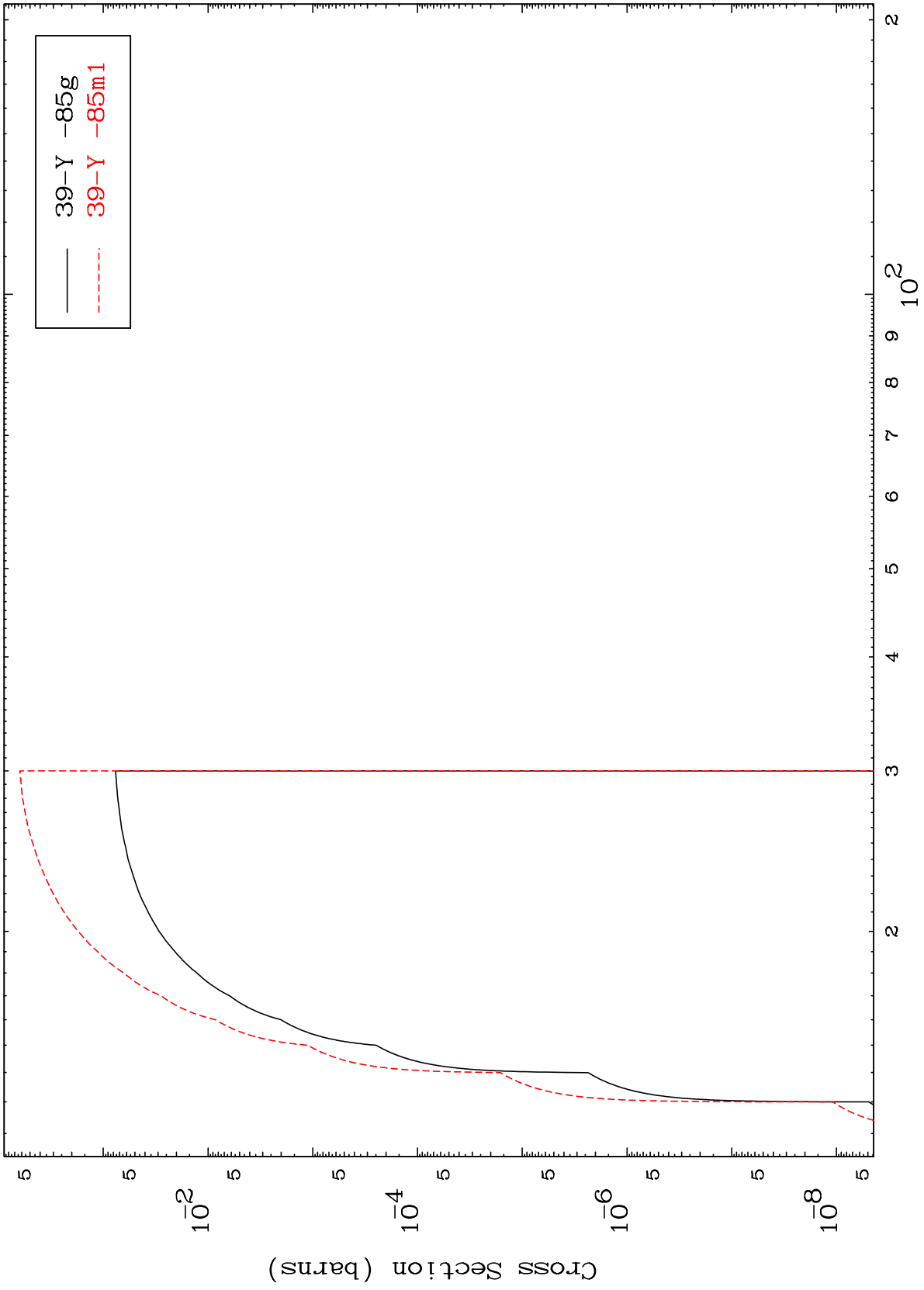
39-Y -86

MAT 3917

(d,2n) p

39-Y -86

Radionuclide Production Cross Section



20

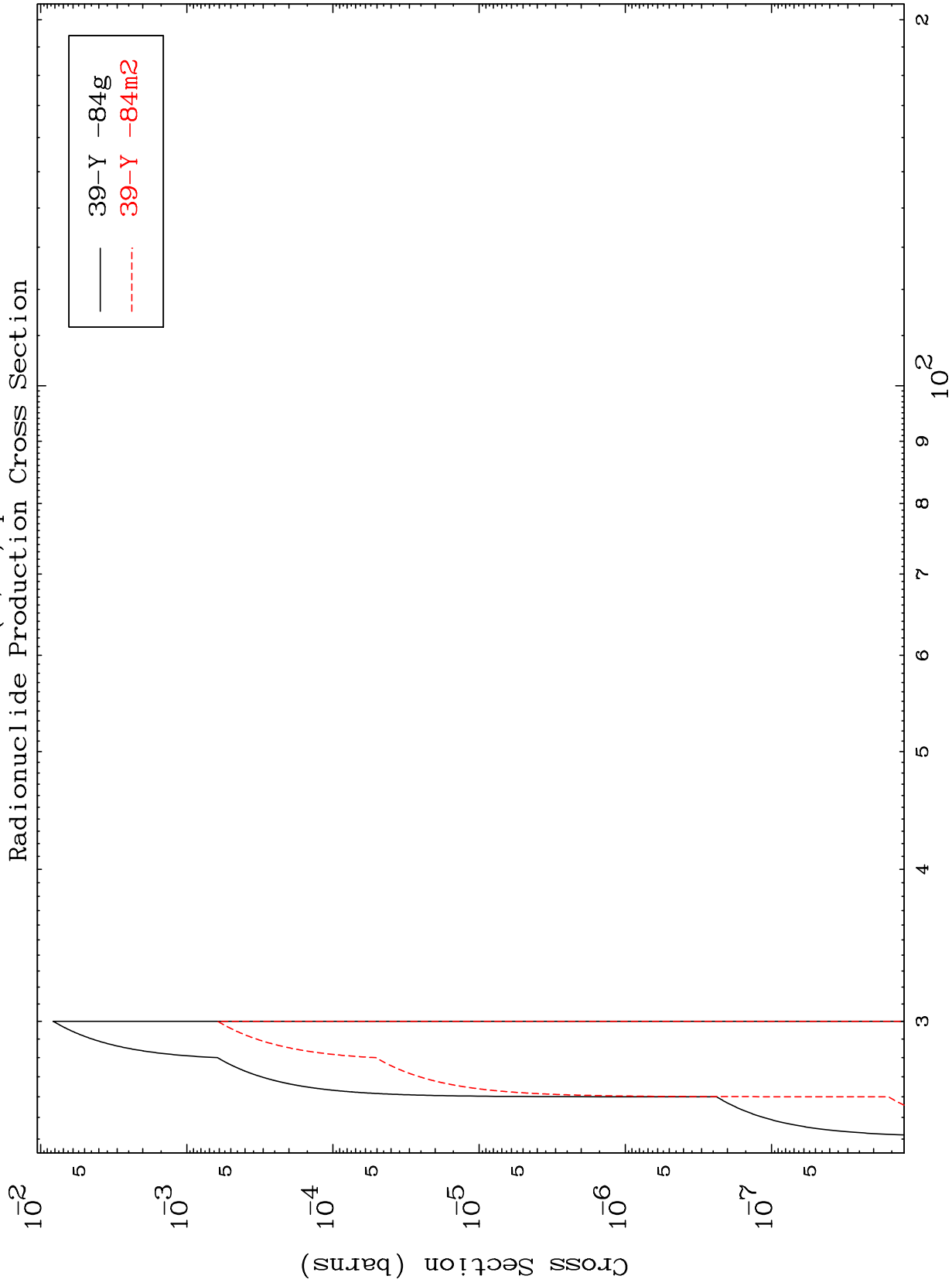
Incident Energy (MeV)

39-Y -86

MAT 3917

(d,3n) p

39-Y -86



21

Incident Energy (MeV)

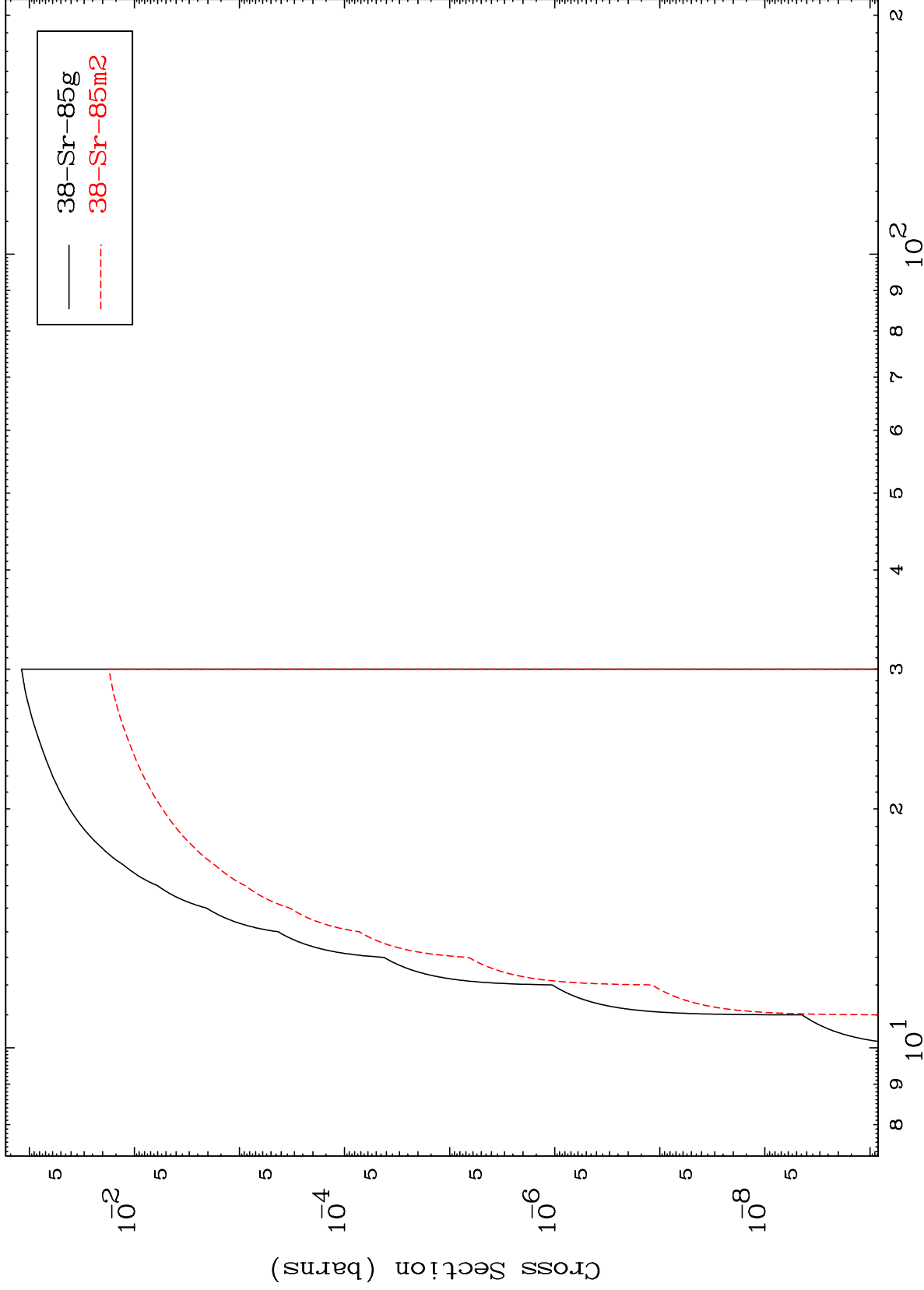
39-Y -86

MAT 3917

(d,2n) p

39-Y -86

Radionuclide Production Cross Section



22

Incident Energy (MeV)

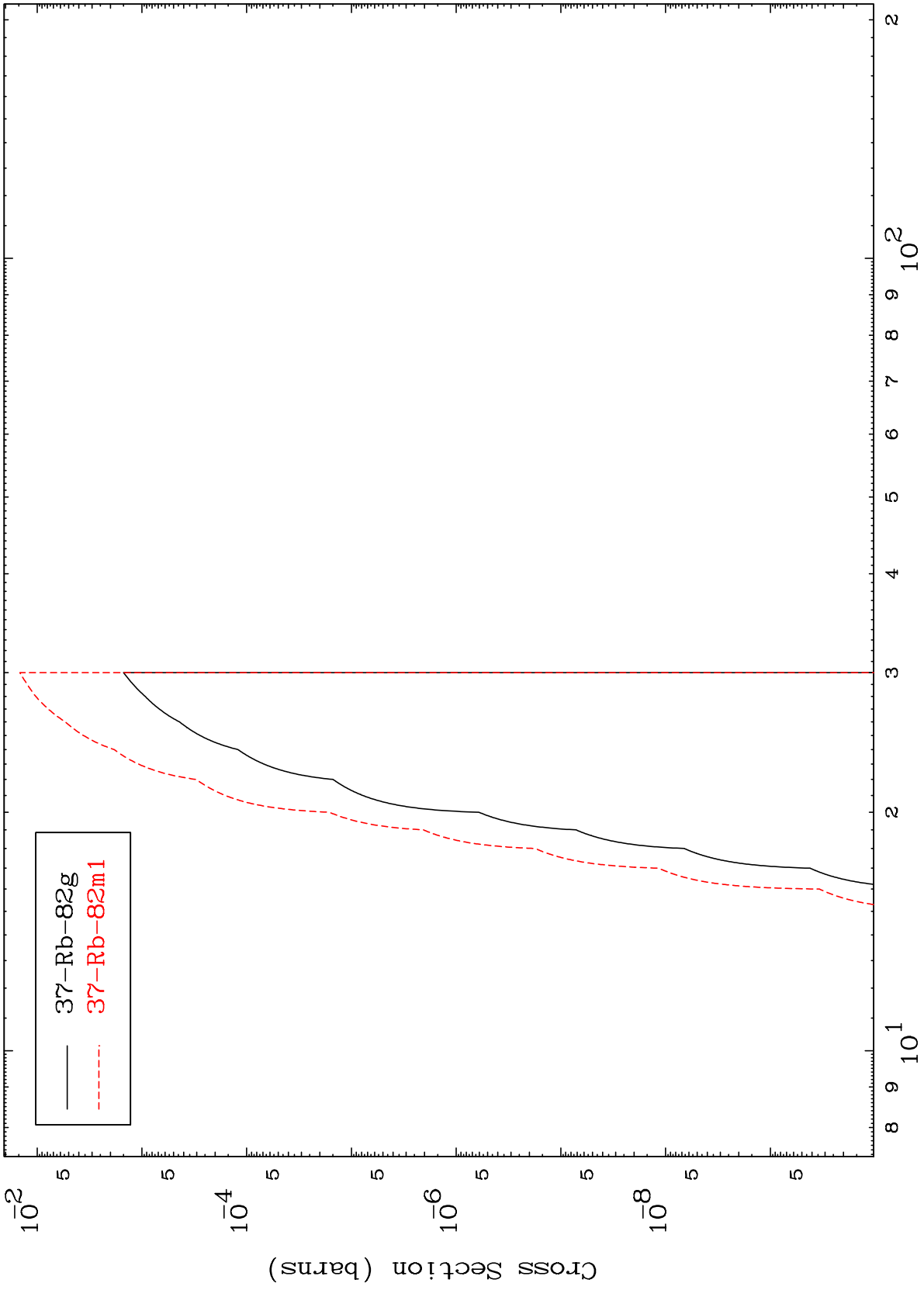
39-Y -86

MAT 3917

(d,n') p  $\alpha$

39-Y -86

Radionuclide Production Cross Section



23

Incident Energy (MeV)

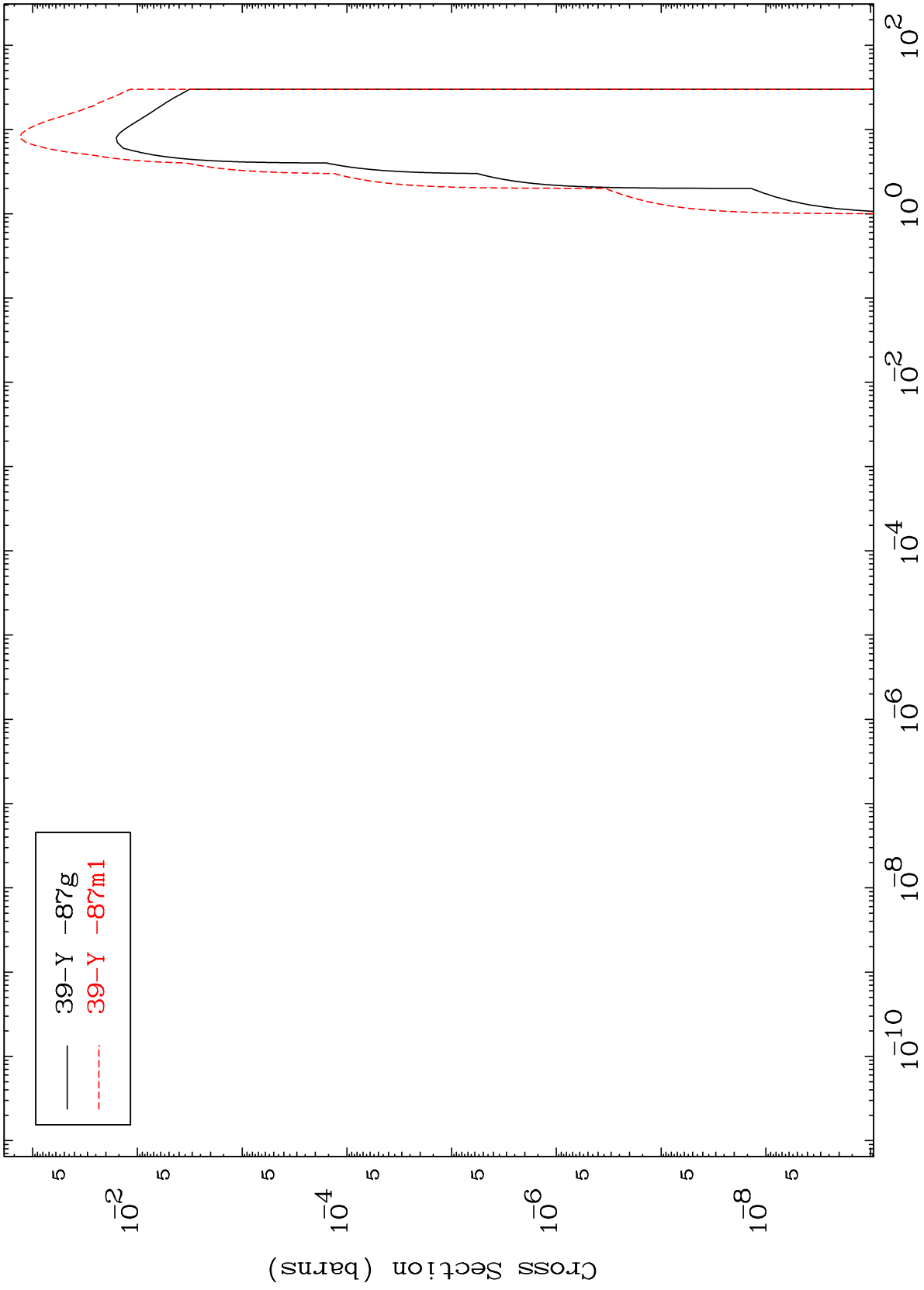
39-Y -86



MAT 3917

(d,p)  
Radionuclide Production Cross Section

39-Y -86



24

Incident Energy (MeV)

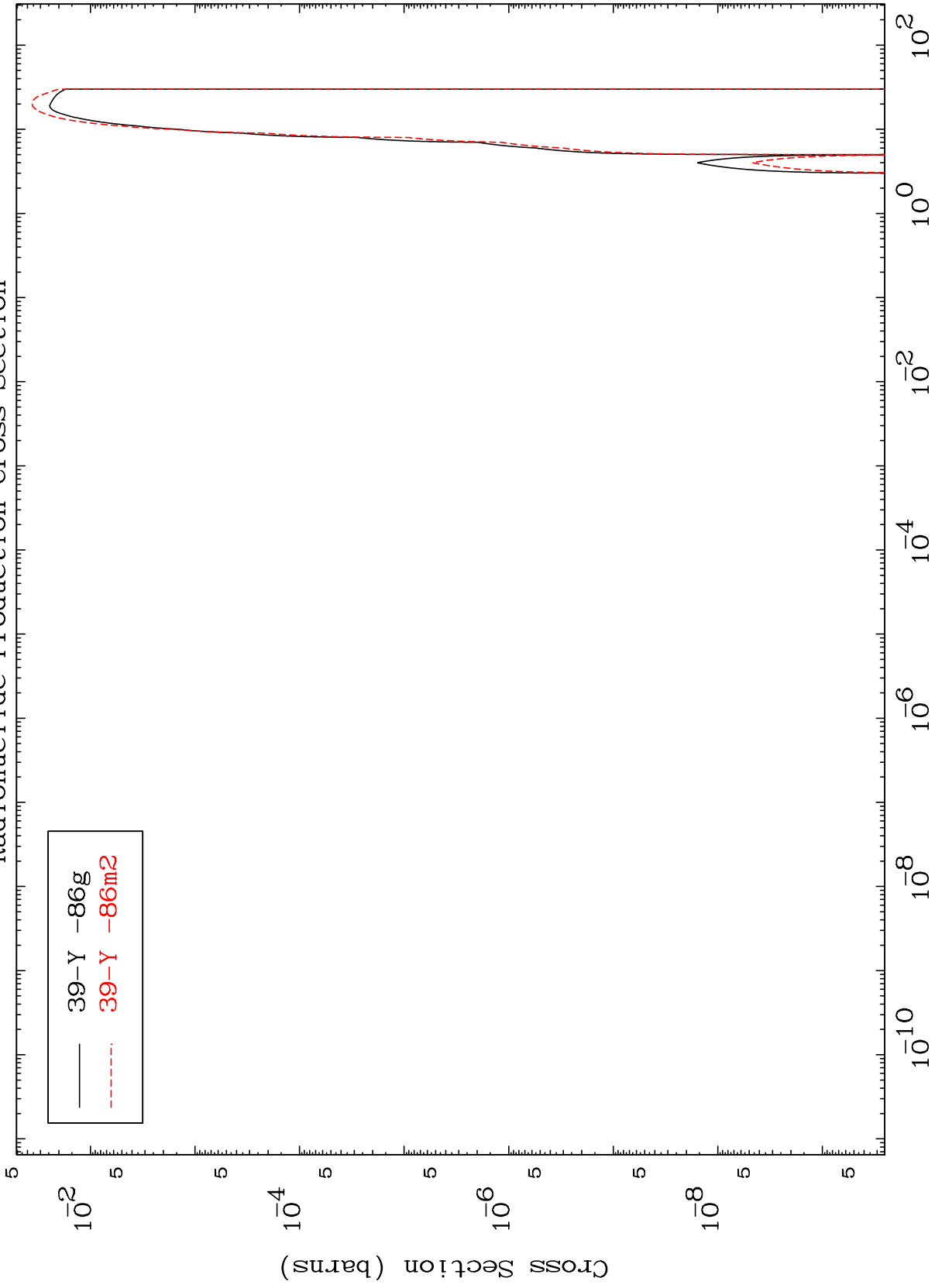
39-Y -86

MAT 3917

(d,d)

39-Y -86

Radionuclide Production Cross Section



25

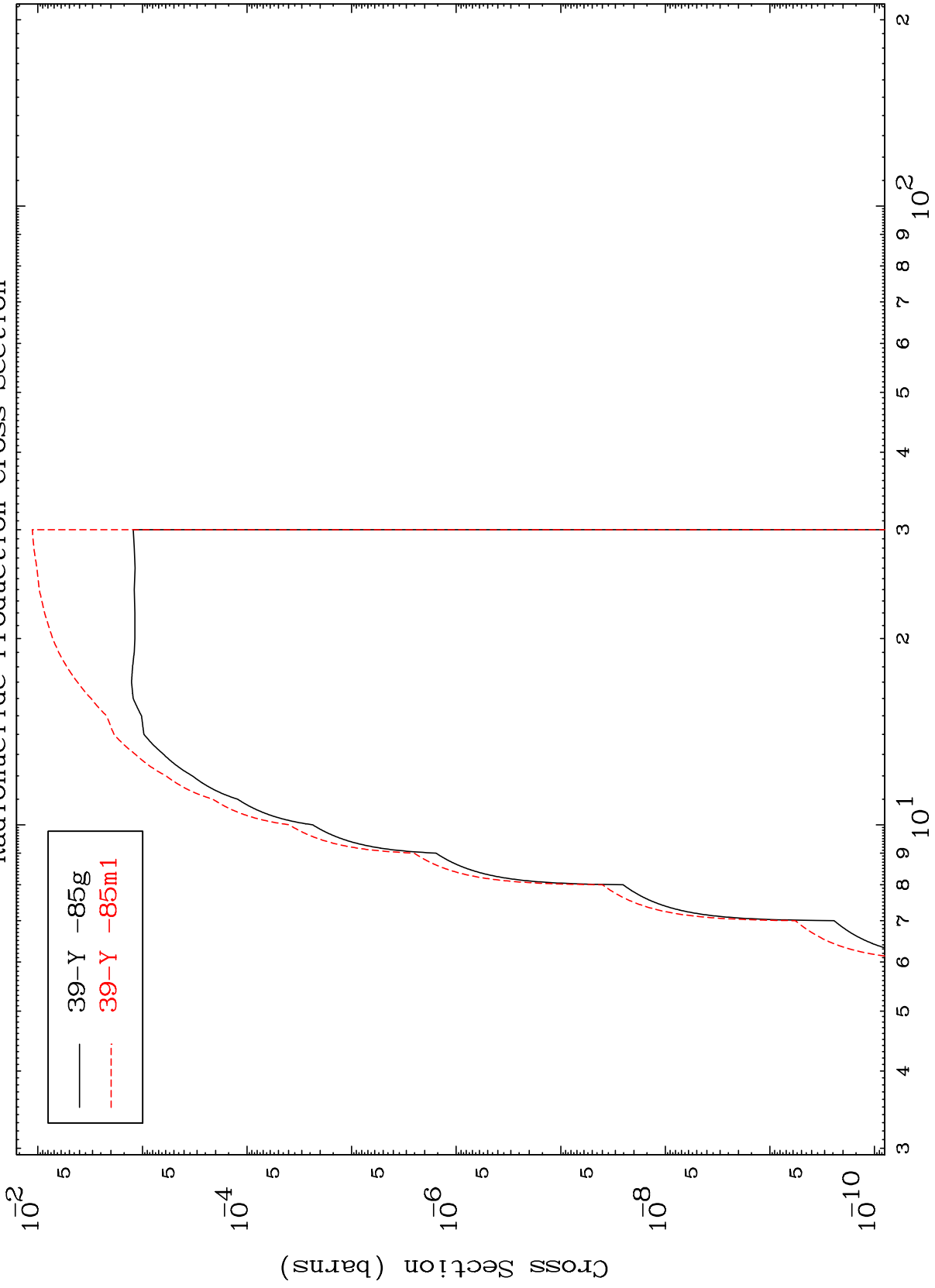
Incident Energy (MeV)

39-Y -86

MAT 3917

39-Y -86

Radionuclide Production Cross Section  
(d,t)



26

Incident Energy (MeV)

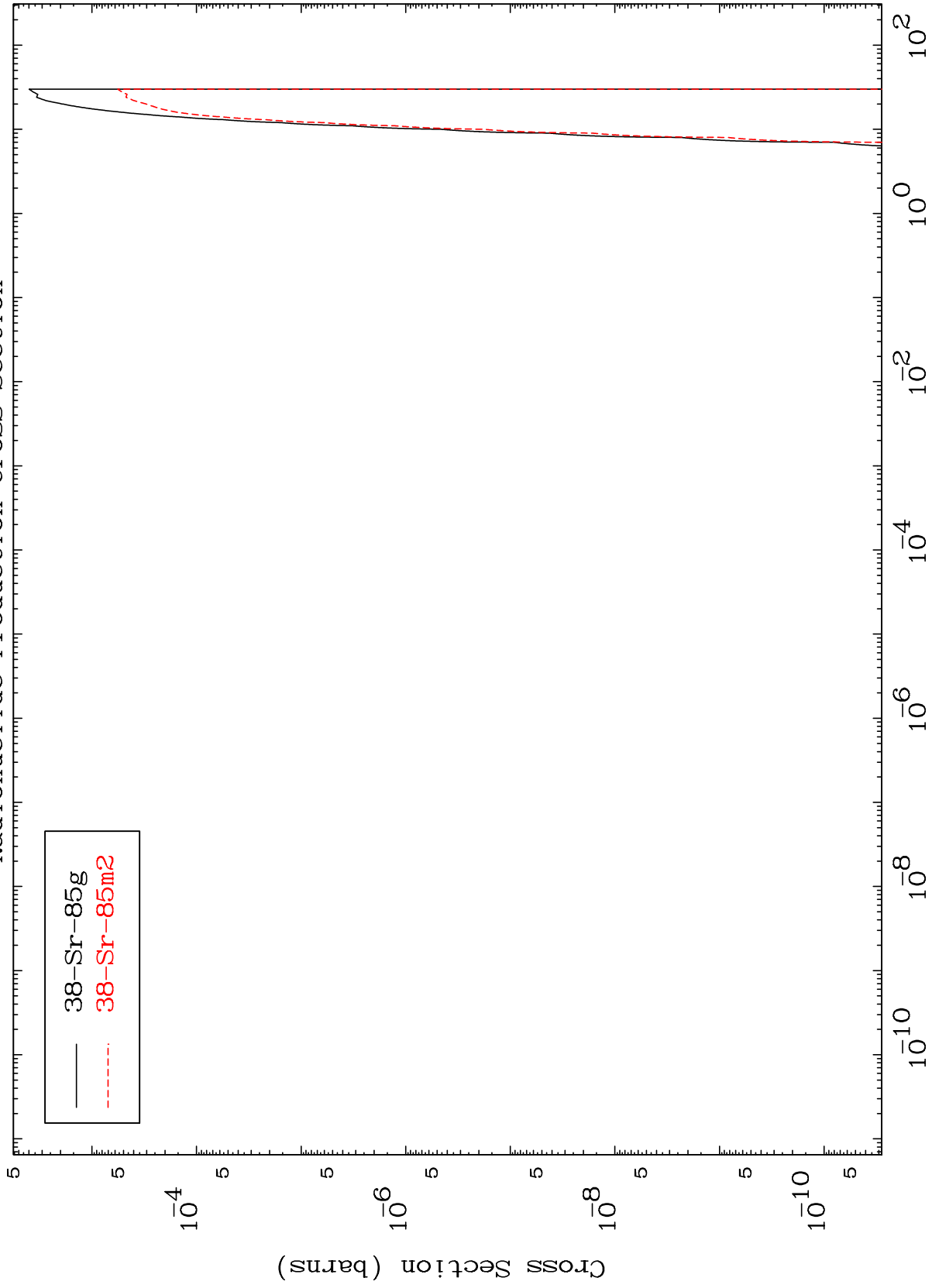
39-Y -86

MAT 3917

(d,He-3)

39-Y -86

Radionuclide Production Cross Section



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

27

Incident Energy (MeV)

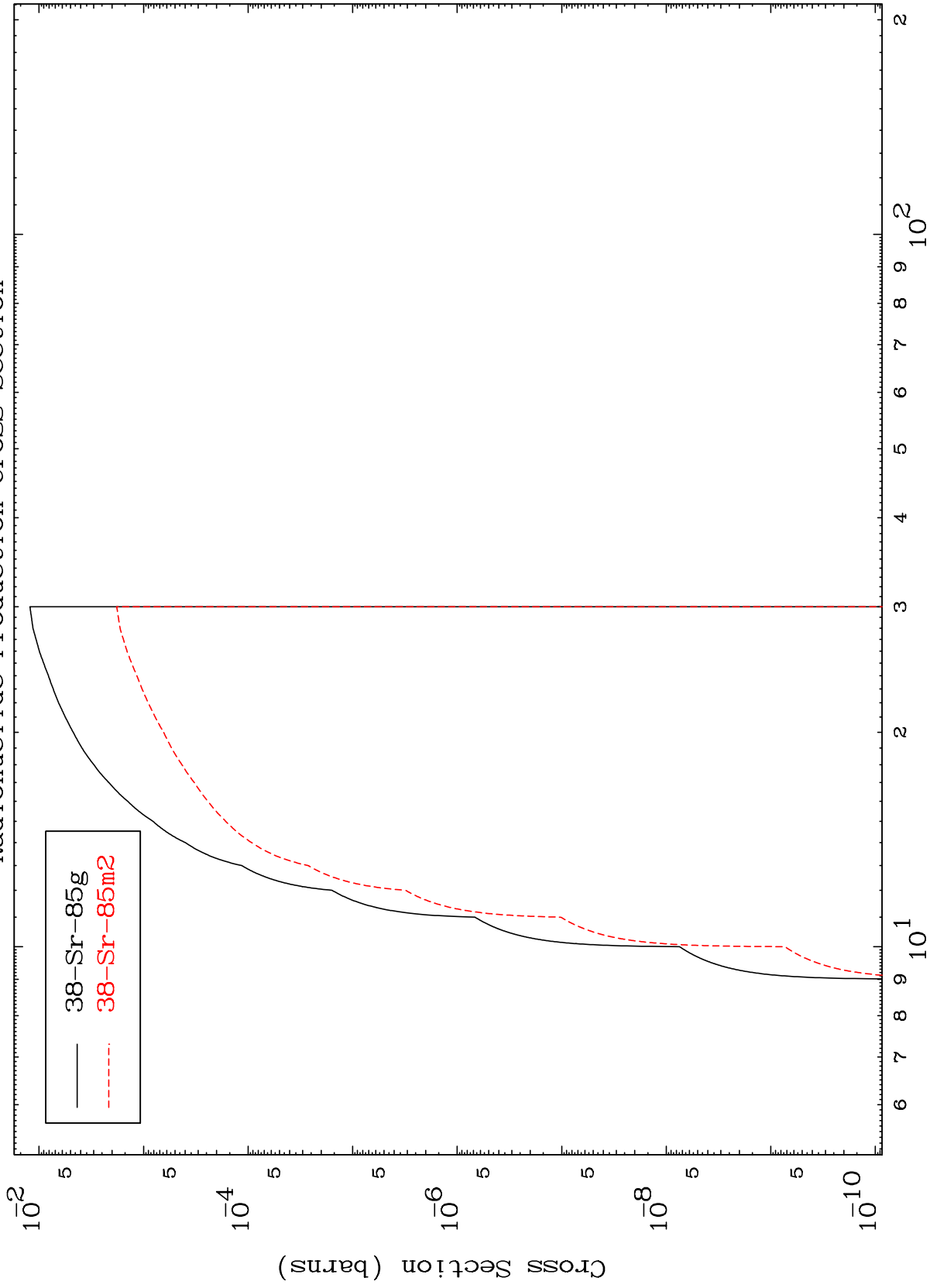
39-Y -86

MAT 3917

(d,p) d

39-Y -86

Radionuclide Production Cross Section



28

Incident Energy (MeV)

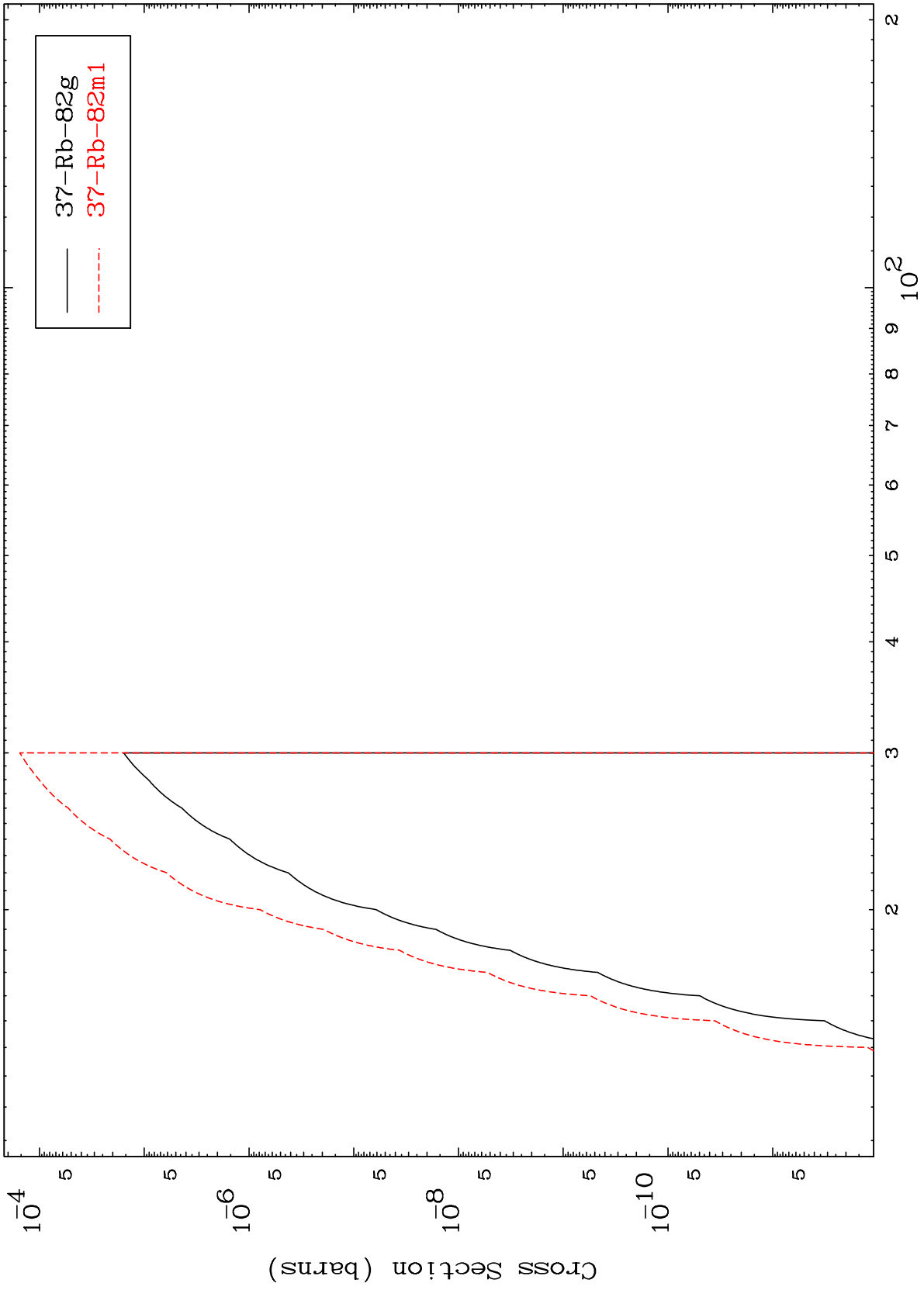
39-Y -86

MAT 3917

(d,d)  $\alpha$

39-Y -86

Radionuclide Production Cross Section



37-Rb-82g  
37-Rb-82m1

29

Incident Energy (MeV)

39-Y -86