

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

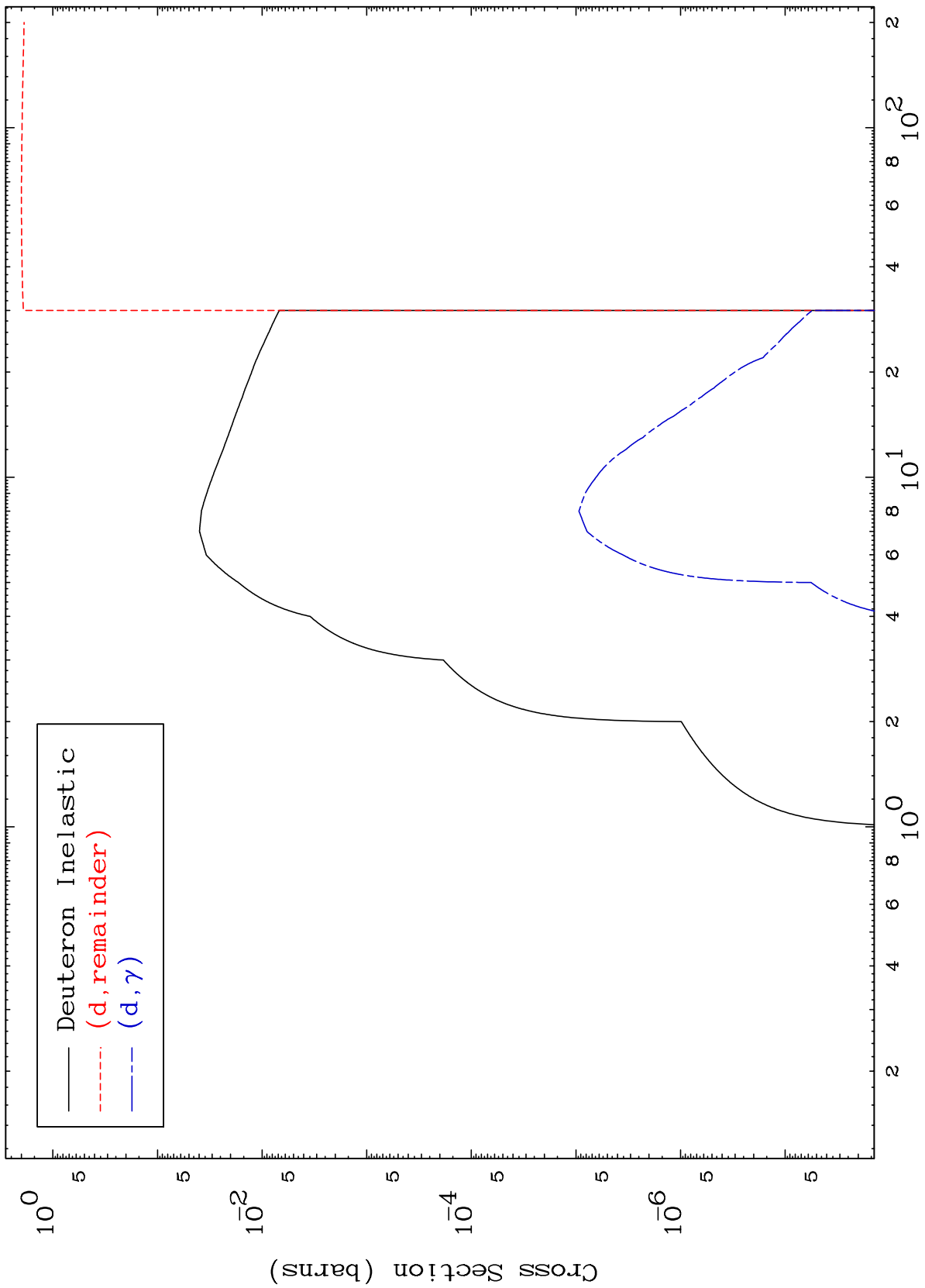
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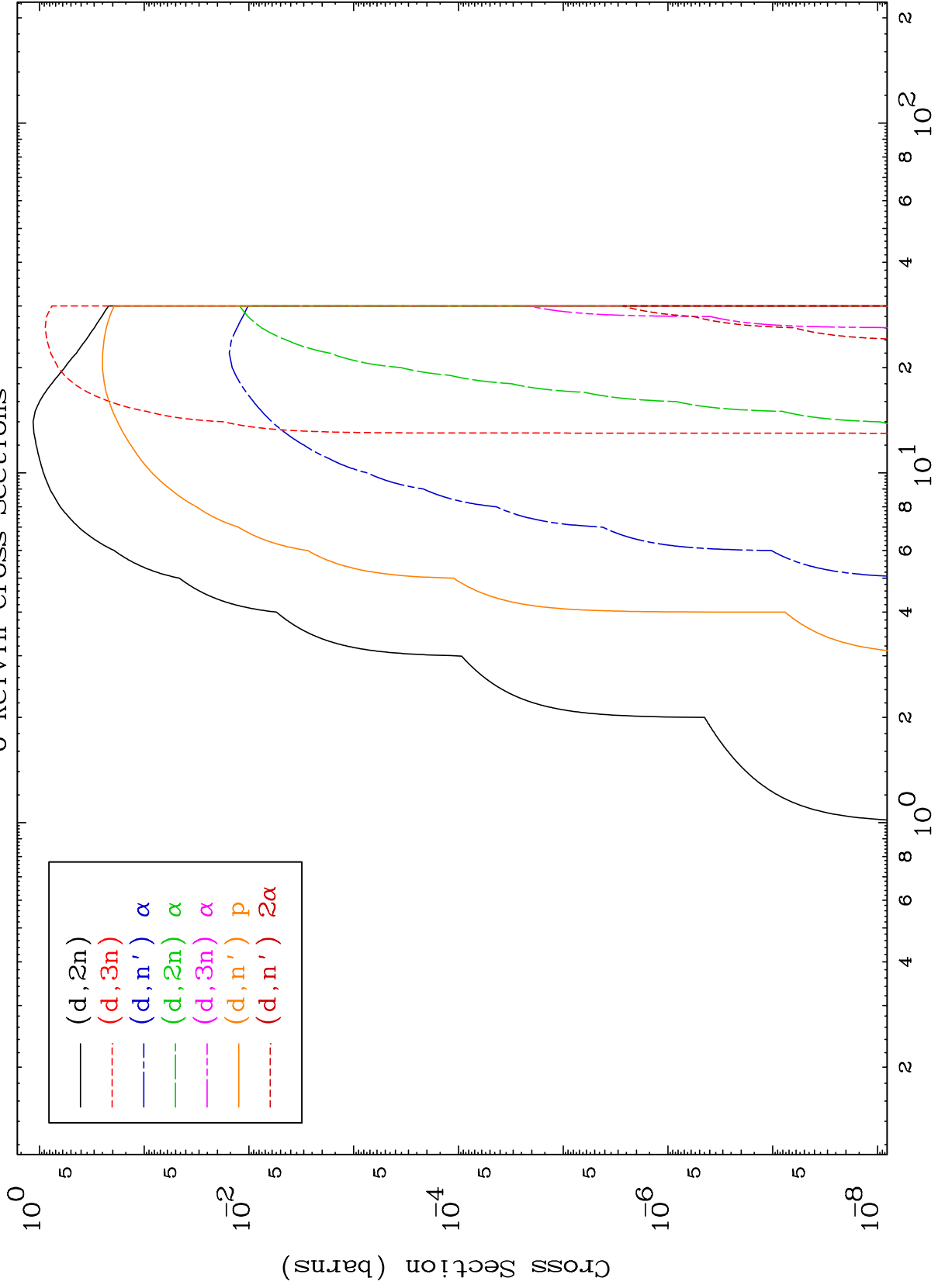
E.Mail:redcullen1@comcast.net

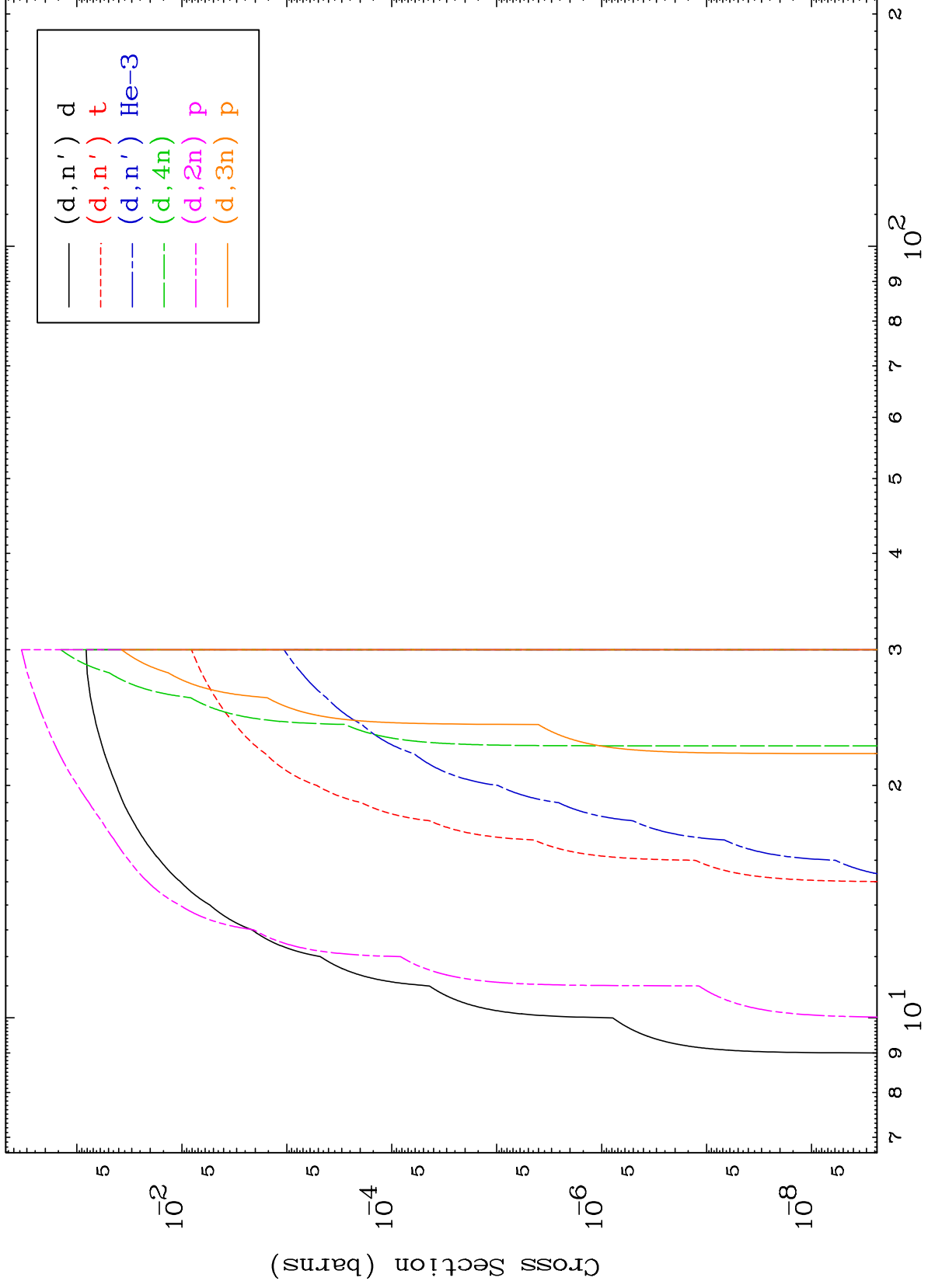
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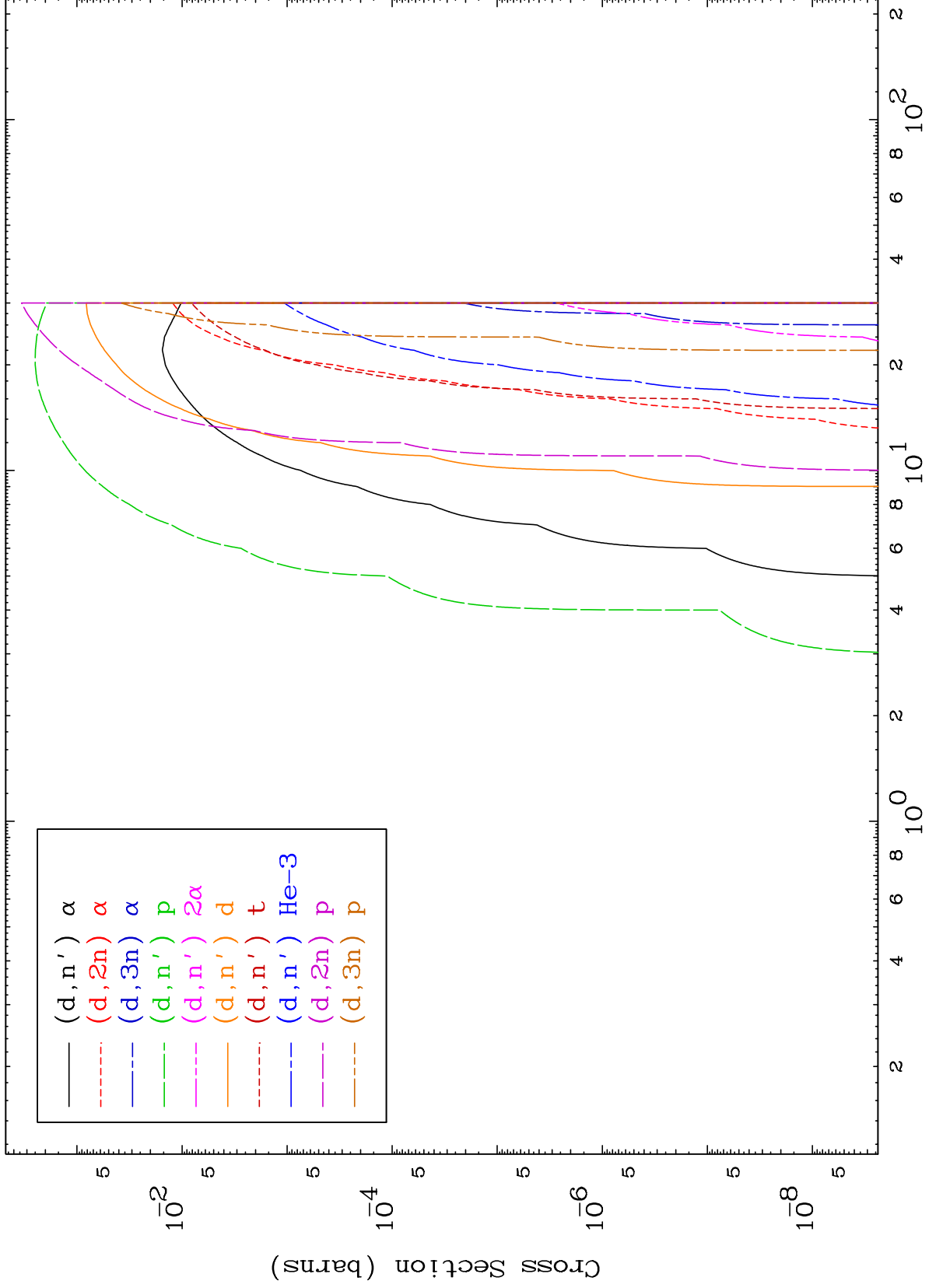
Press Mouse Button to Start

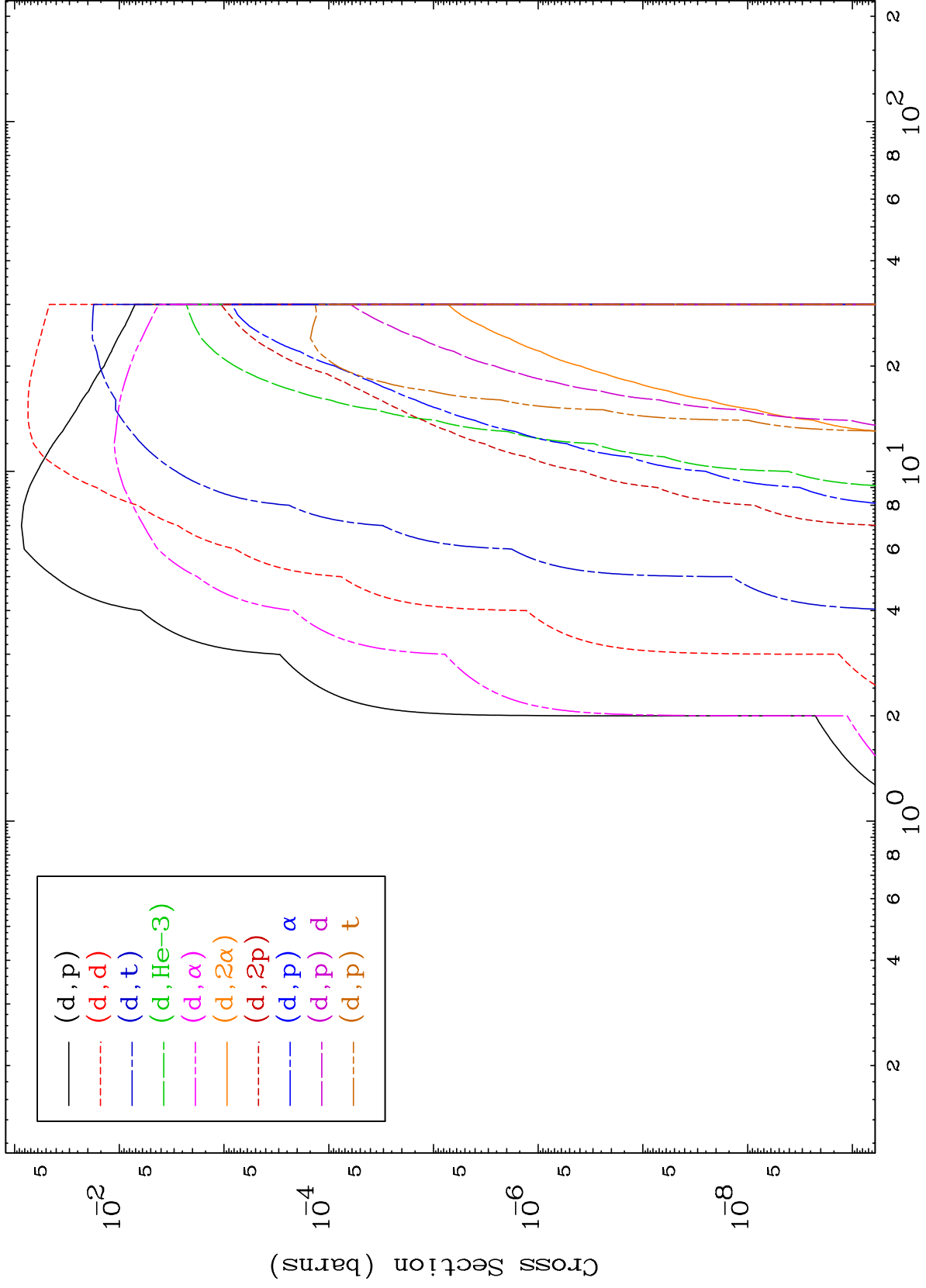


— Deuteron Inelastic
- - - (d, remainder)
- . - (d, γ)







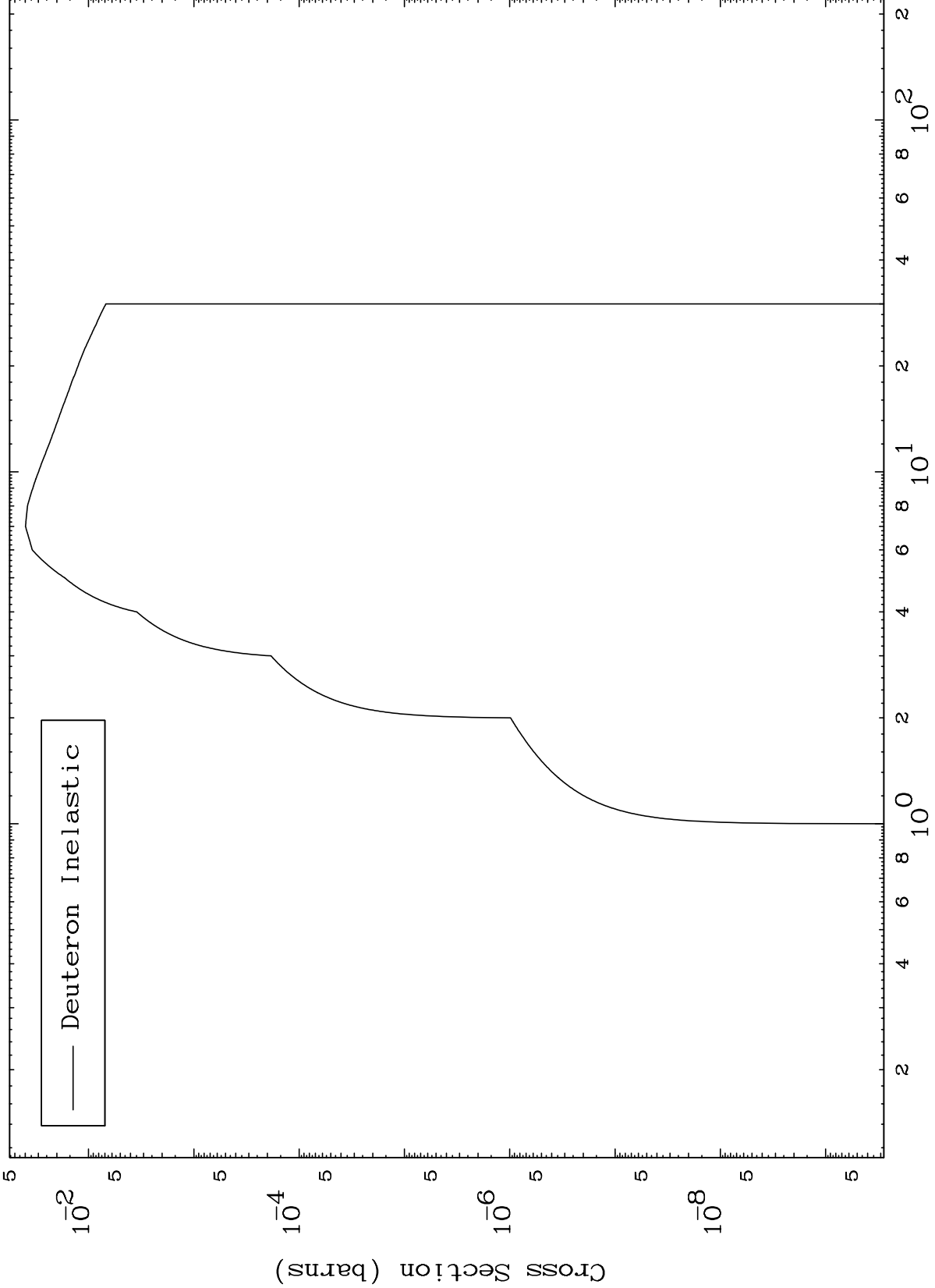


MAT 3928

(d,n') Level

39-Y -90

0 Kelvin Cross Sections



6

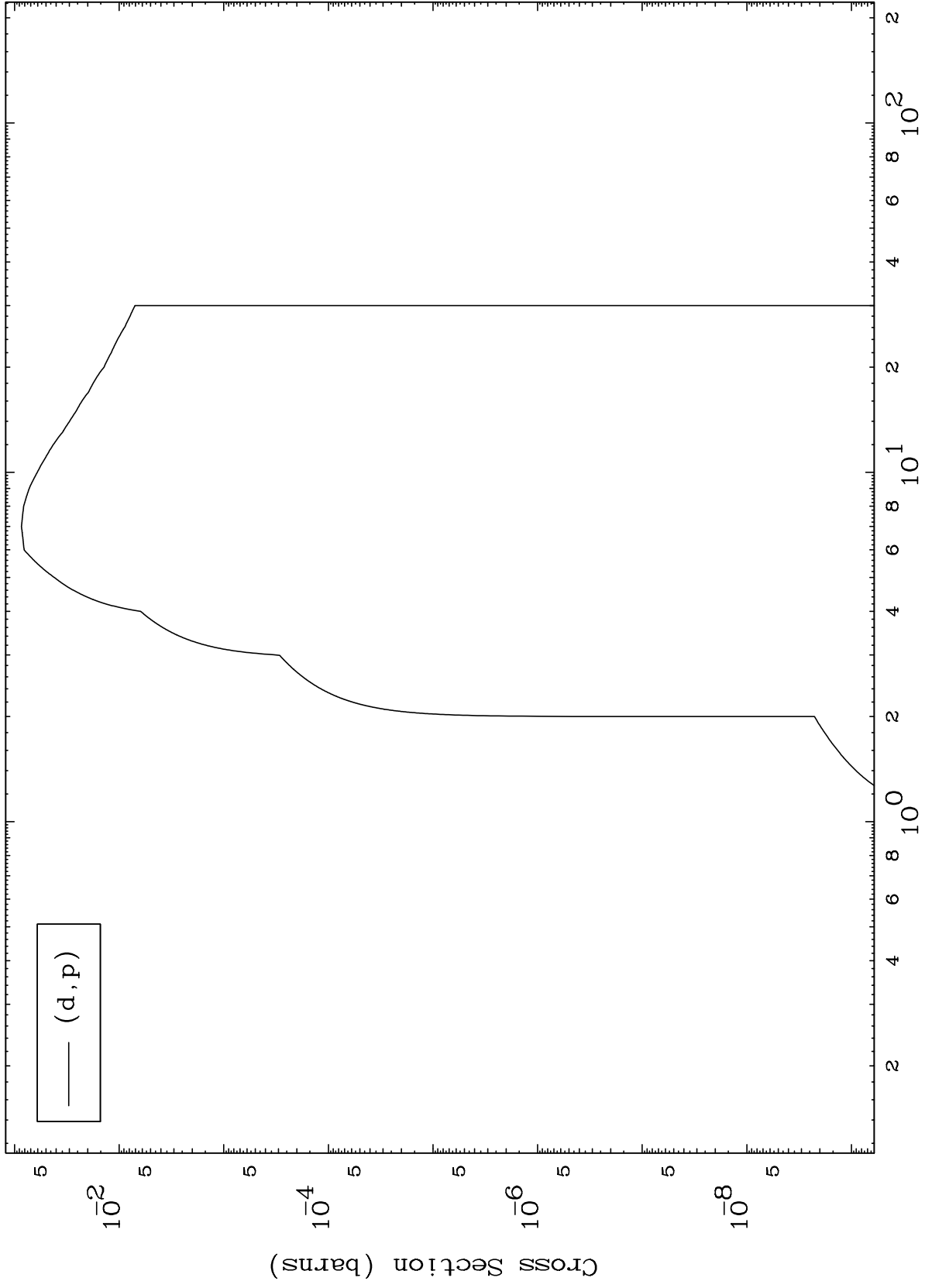
Incident Energy (MeV)

39-Y -90

MAT 3928

(d,p) Levels
0 Kelvin Cross Sections

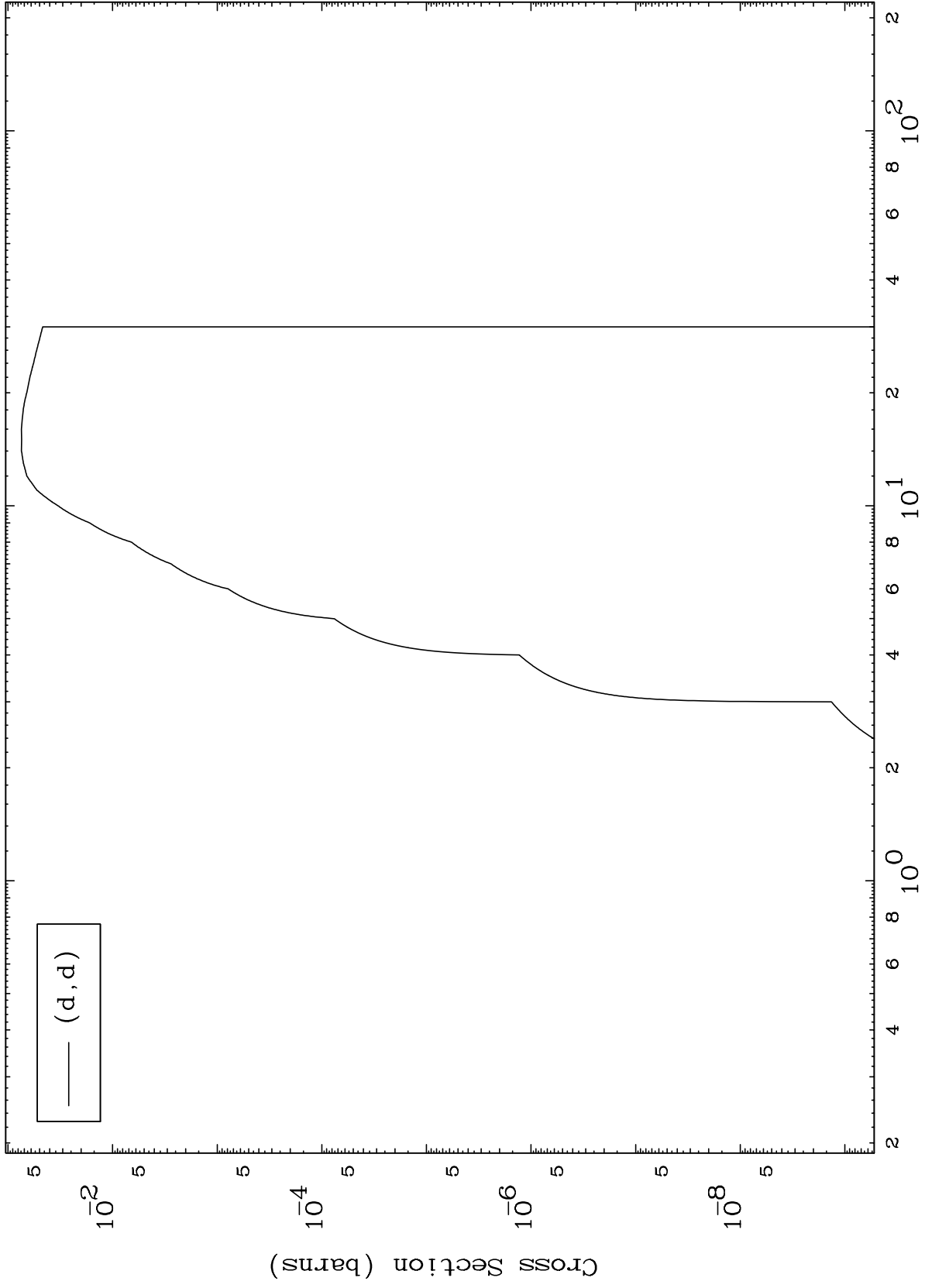
39-Y -90



MAT 3928

(d,d) Levels
0 Kelvin Cross Sections

39-Y -90



8

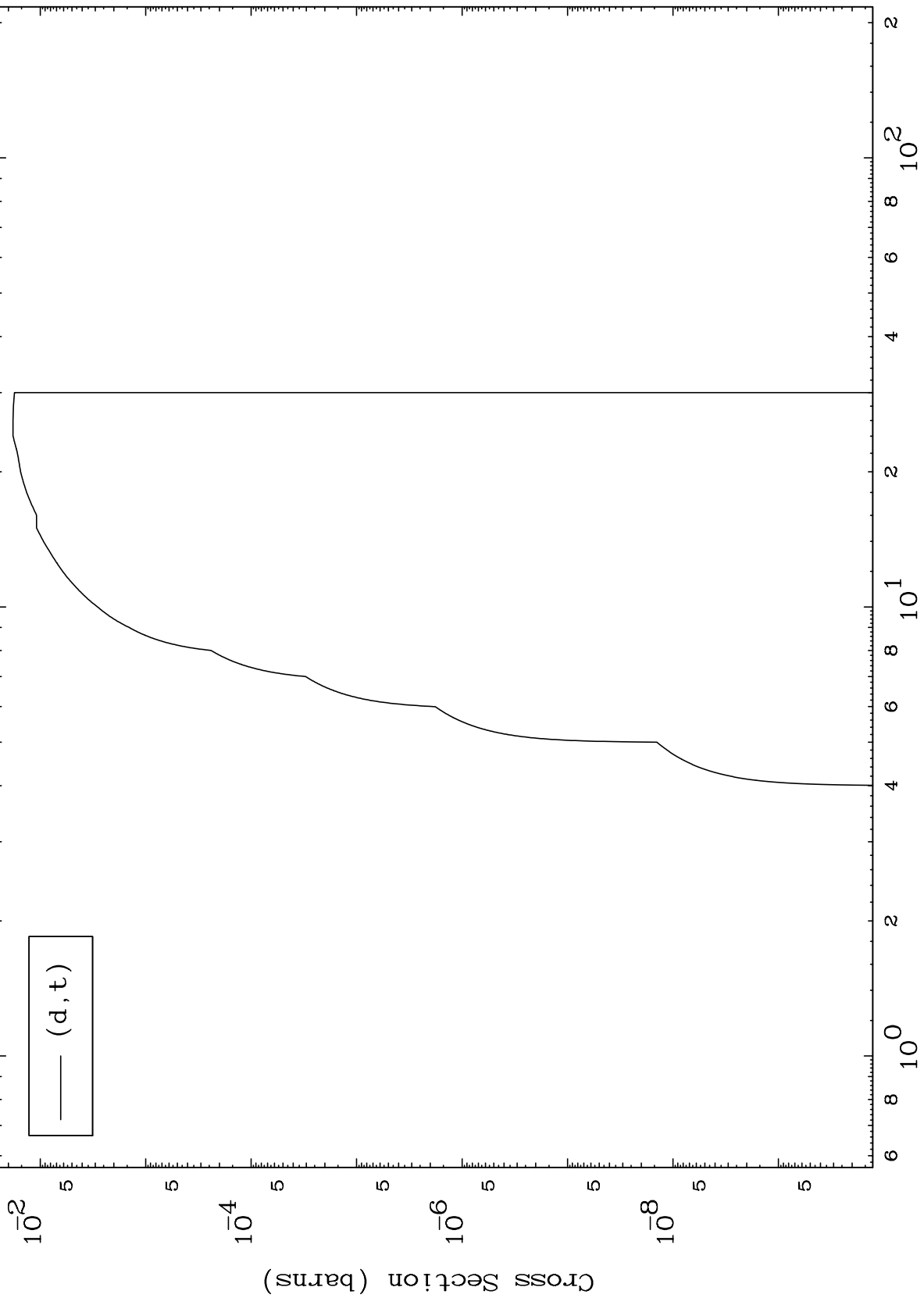
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(d,t) Levels
0 Kelvin Cross Sections



(d,t)

39-Y -90

Incident Energy (MeV)

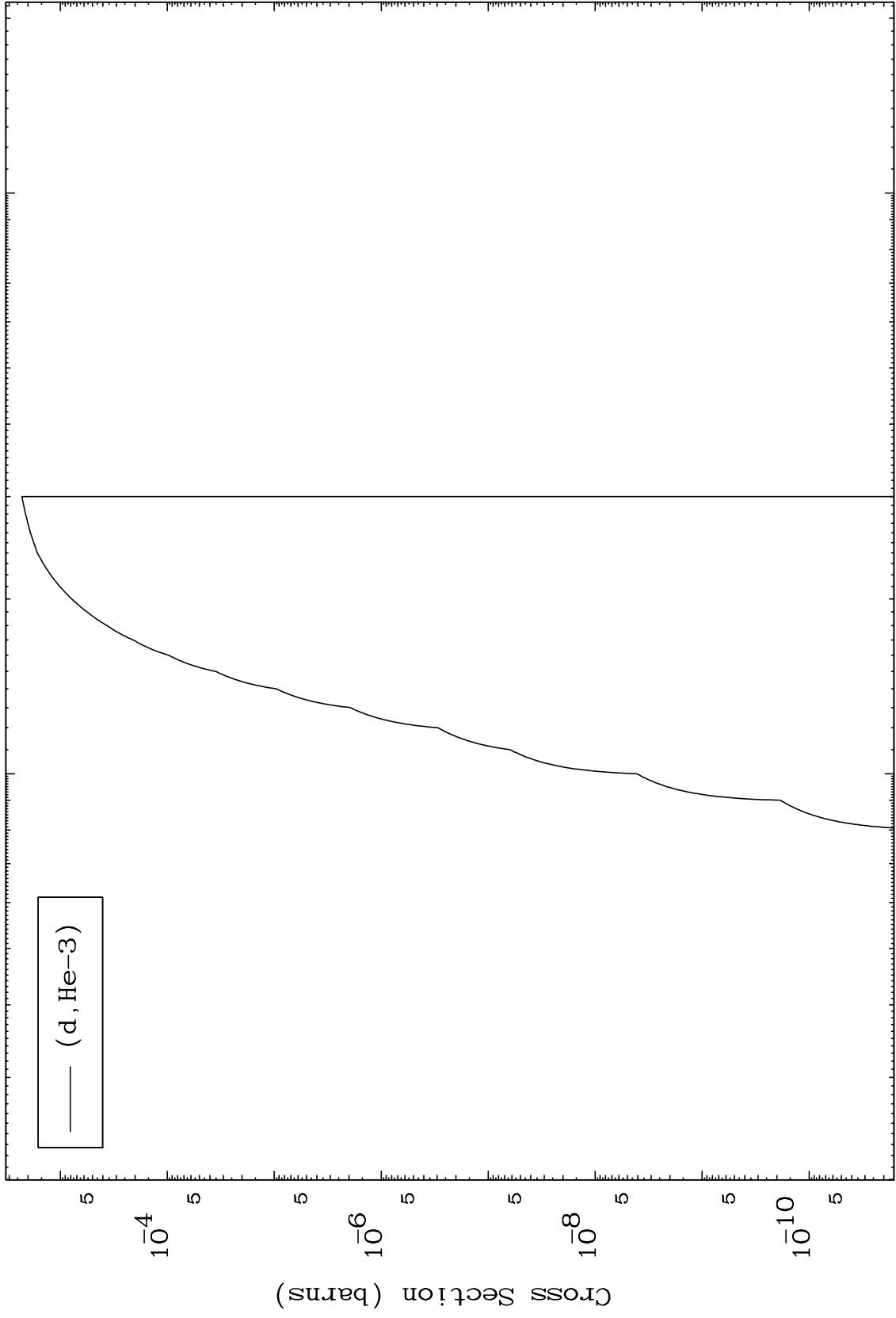
9

MAT 3928

(d,He3) Levels

39-Y -90

0 Kelvin Cross Sections



10

Incident Energy (MeV)

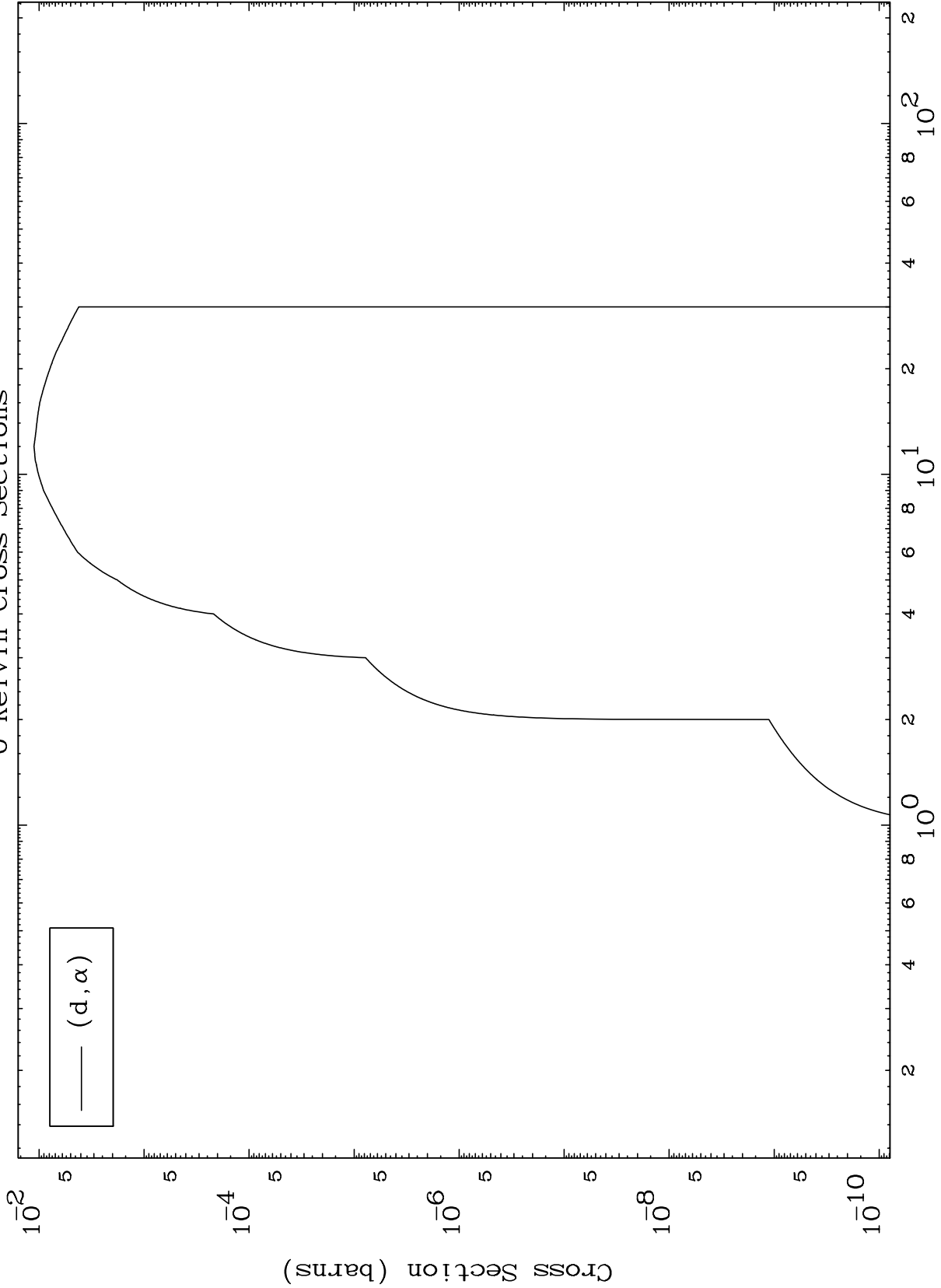
39-Y -90

MAT 3928

(d, α) Levels

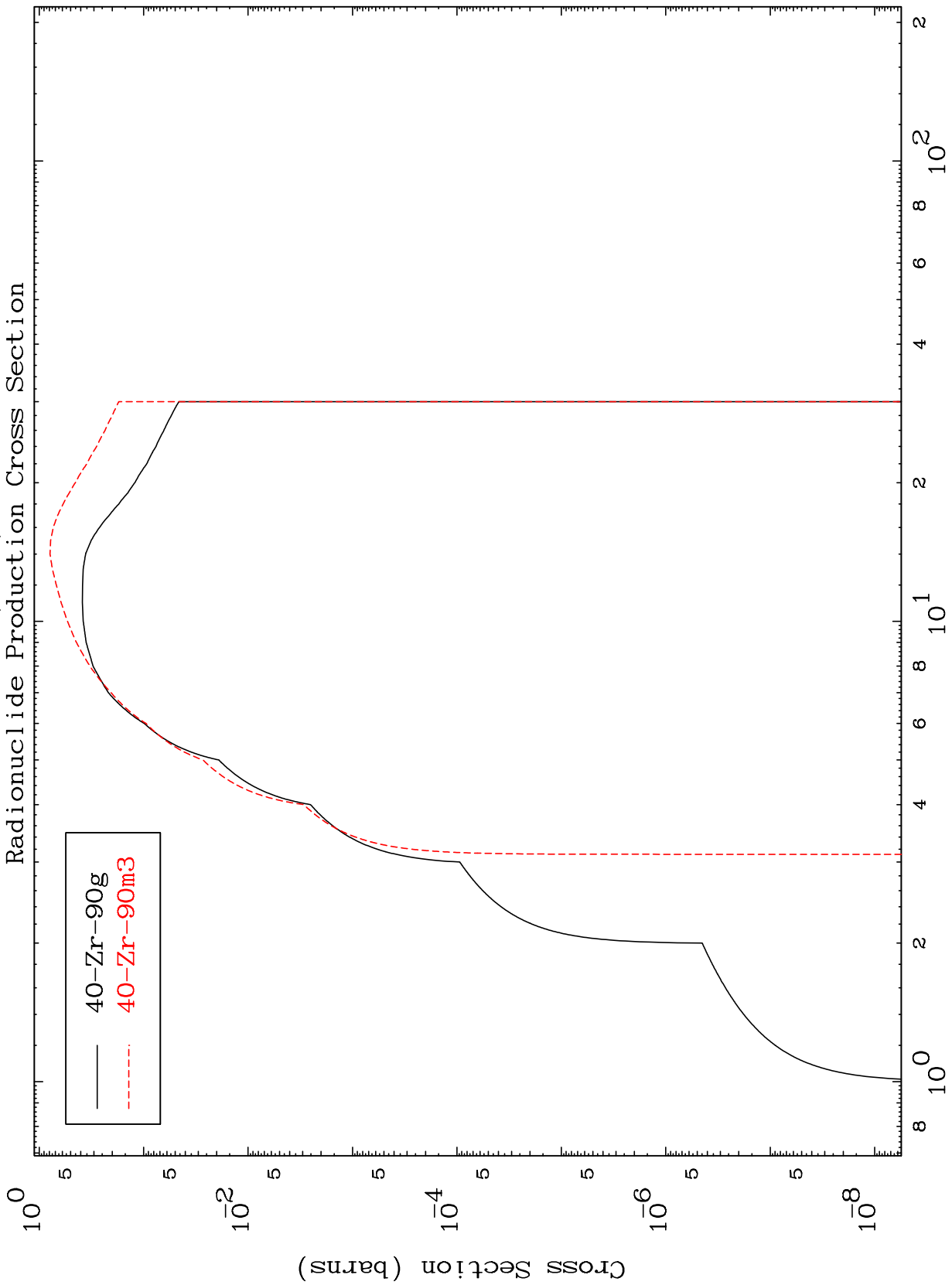
39-Y -90

0 Kelvin Cross Sections



MAT 3928

39-Y -90



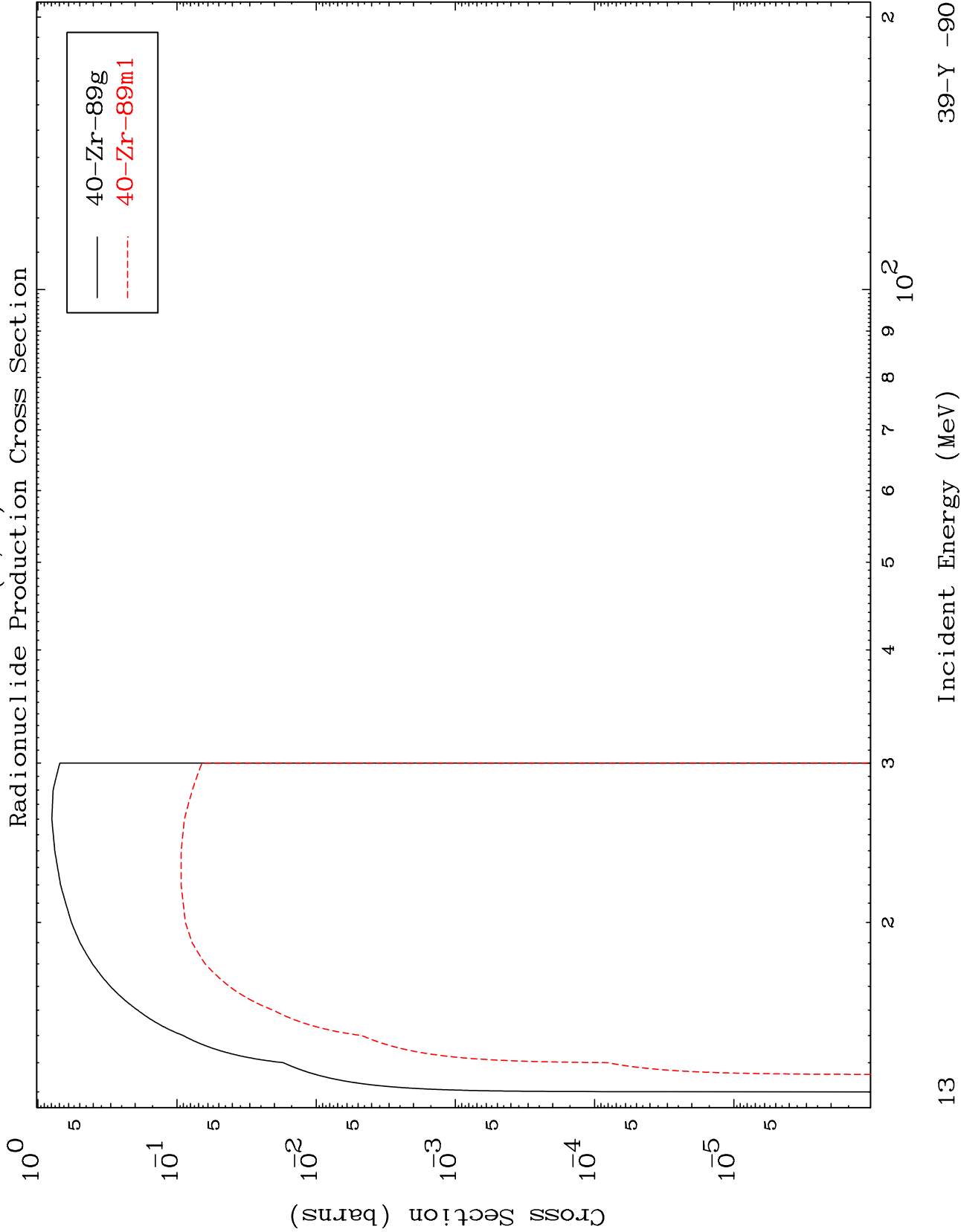
12

39-Y -90

MAT 3928

(d,3n)

39-Y -90

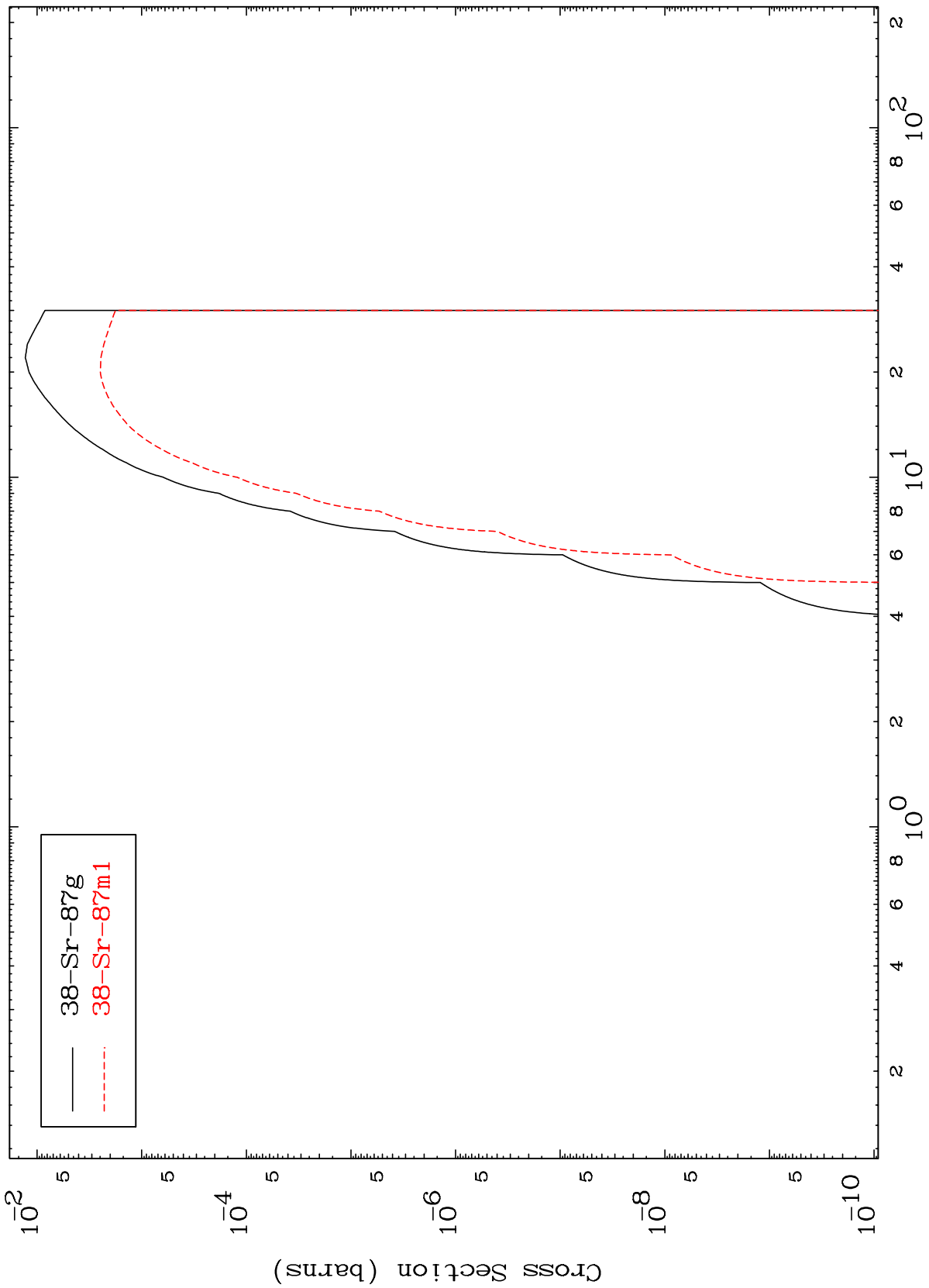


MAT 3928

(d,n') α

39-Y -90

Radionuclide Production Cross Section

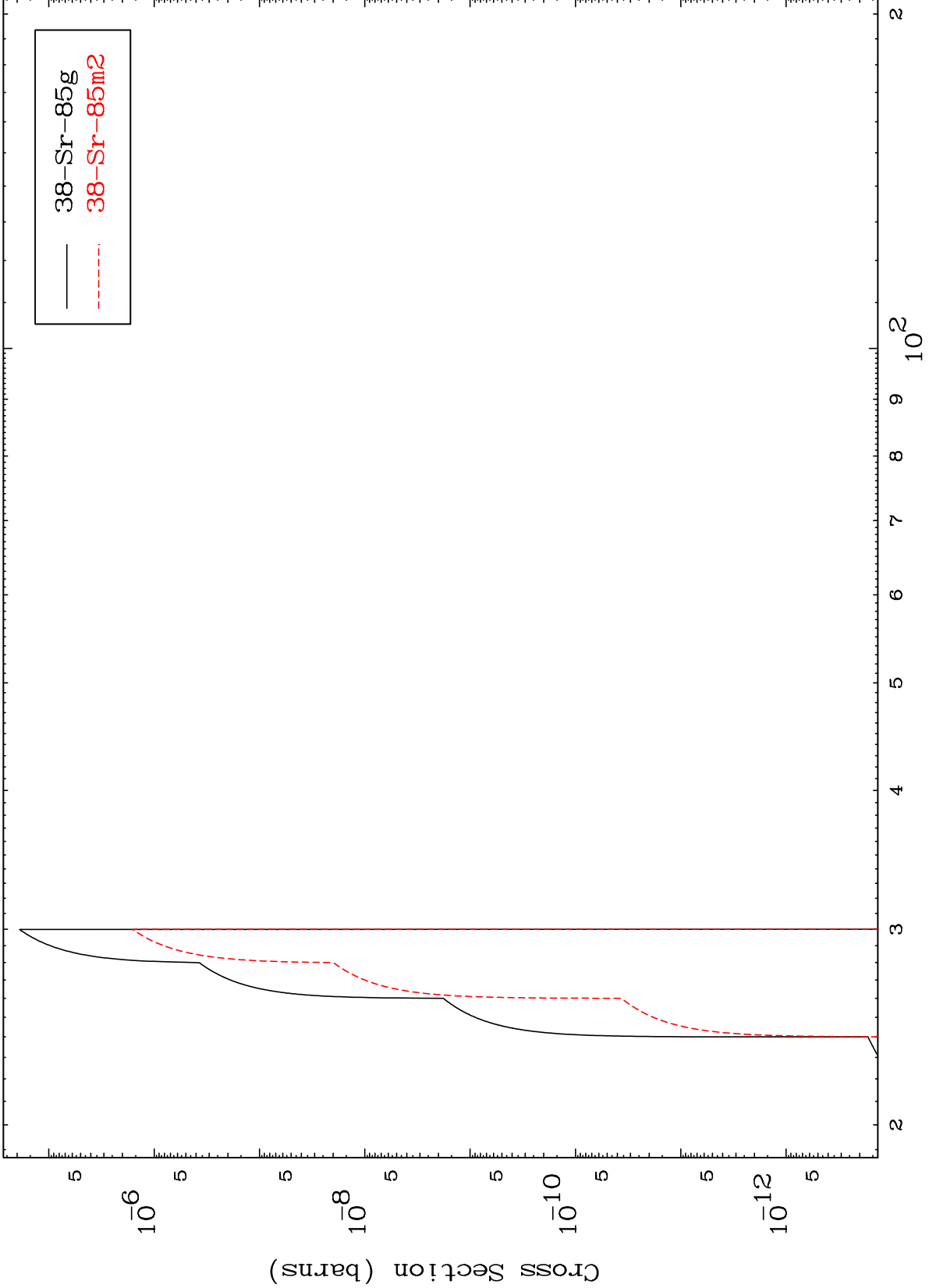


MAT 3928

(d,3n) α

39-Y -90

Radionuclide Production Cross Section



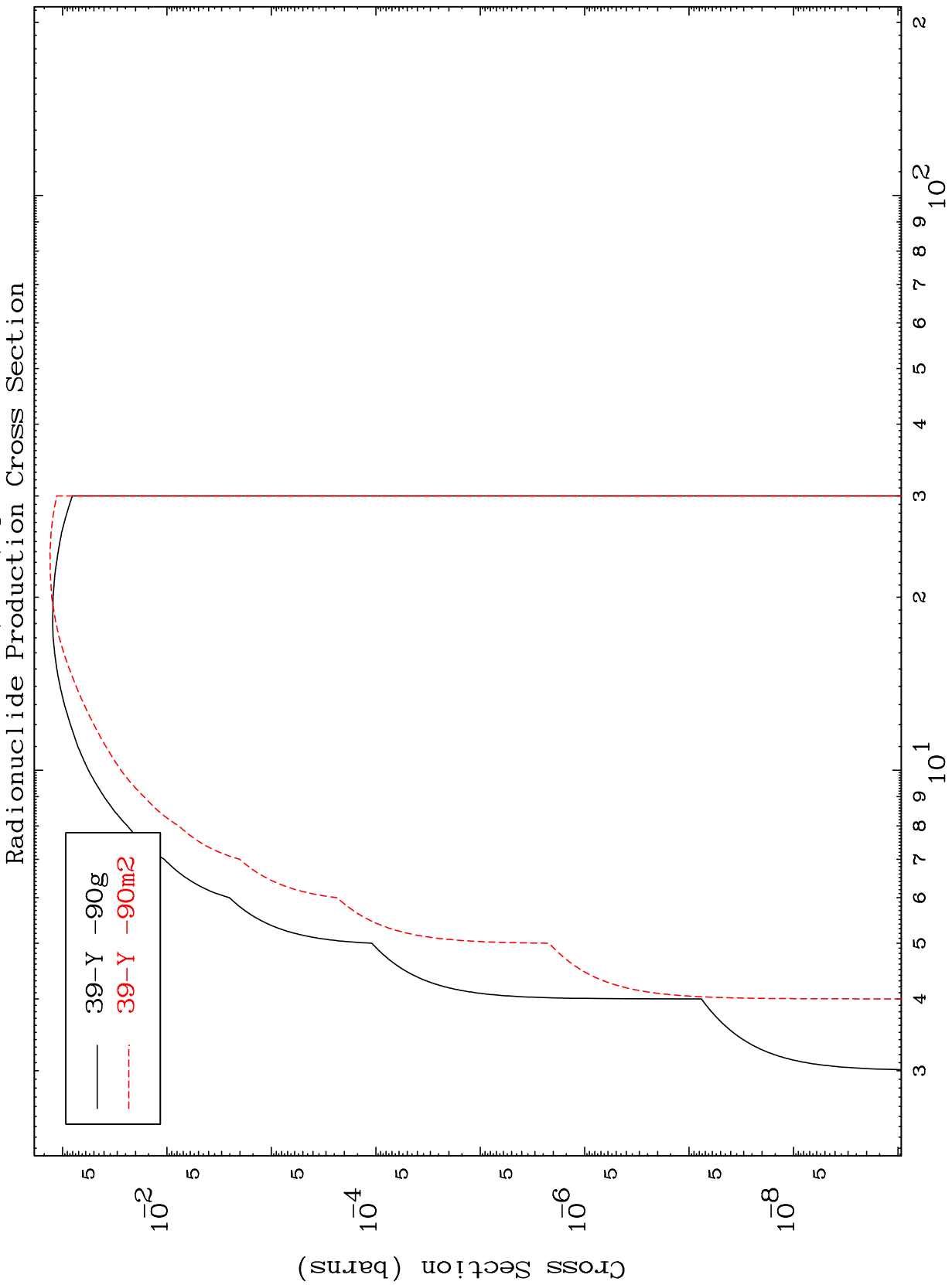
15

Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90



— 39-Y -90g
- - - 39-Y -90m2

39-Y -90

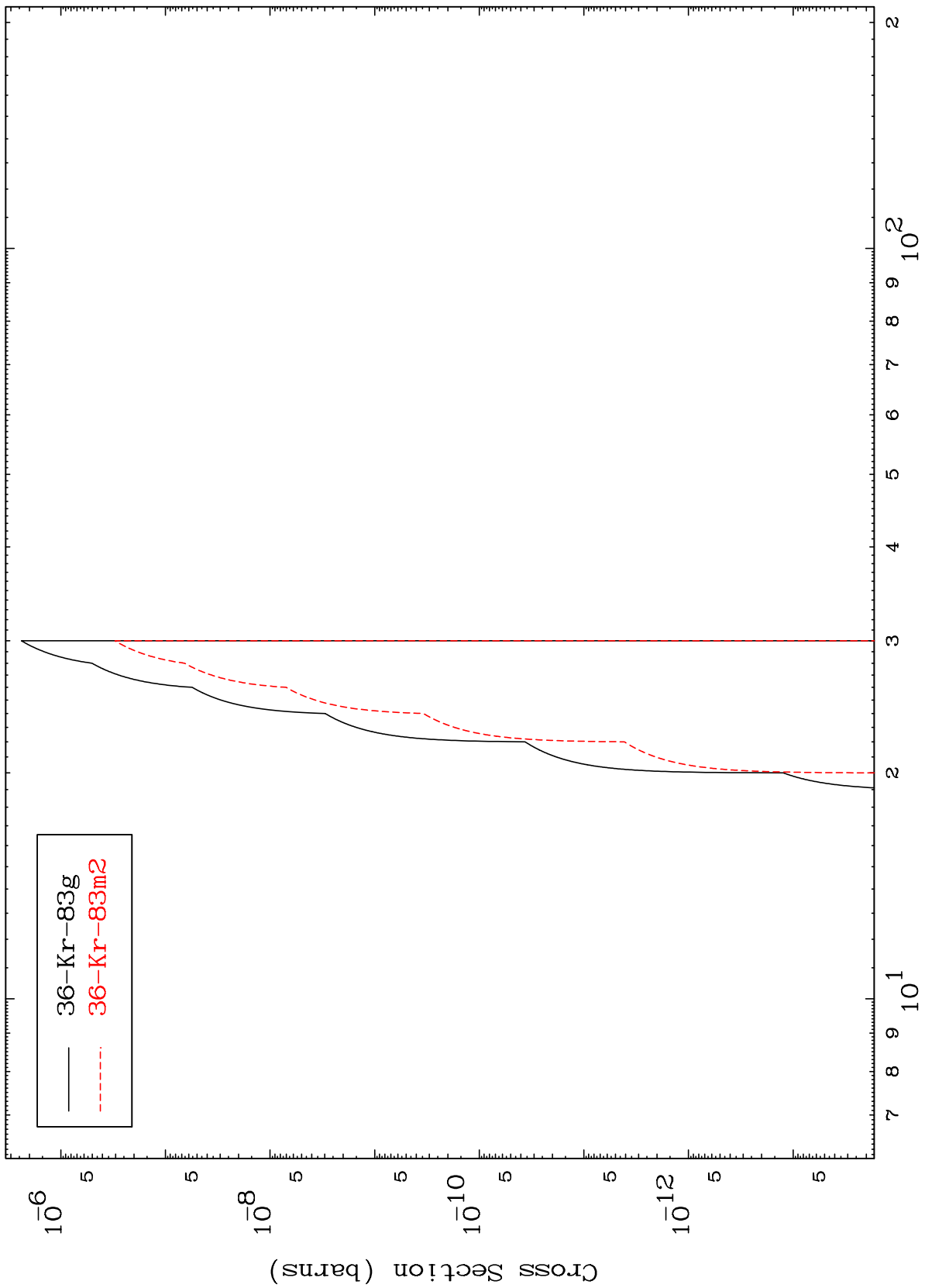
Incident Energy (MeV)

16

MAT 3928

39-Y -90

(d,n') 2α
Radionuclide Production Cross Section



— 36-Kr-83g
- - - 36-Kr-83m2

17

Incident Energy (MeV)

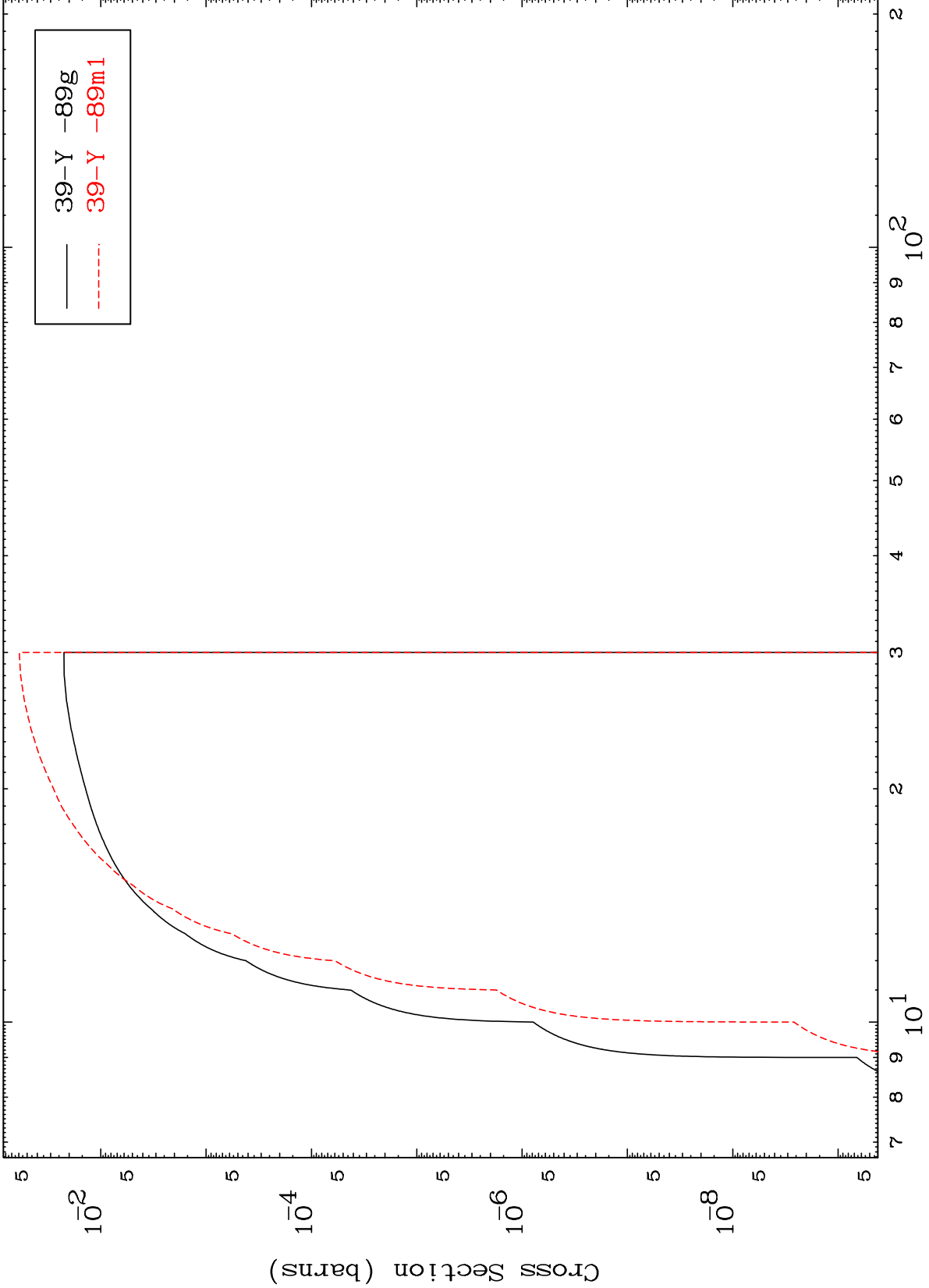
39-Y -90

MAT 3928

(d,n') d

39-Y -90

Radionuclide Production Cross Section



18

Incident Energy (MeV)

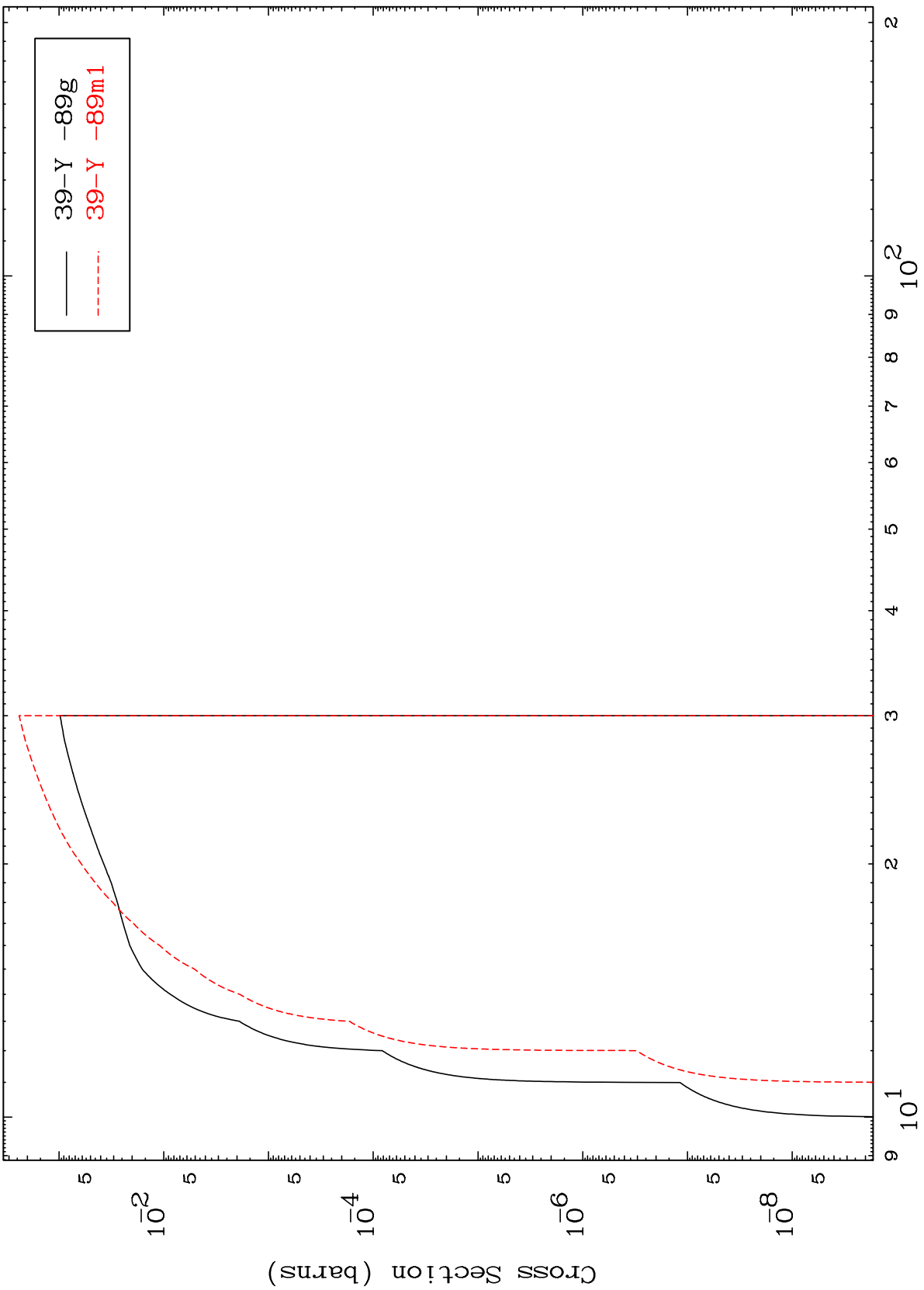
39-Y -90

MAT 3928

(d,2n) p

39-Y -90

Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

Incident Energy (MeV)

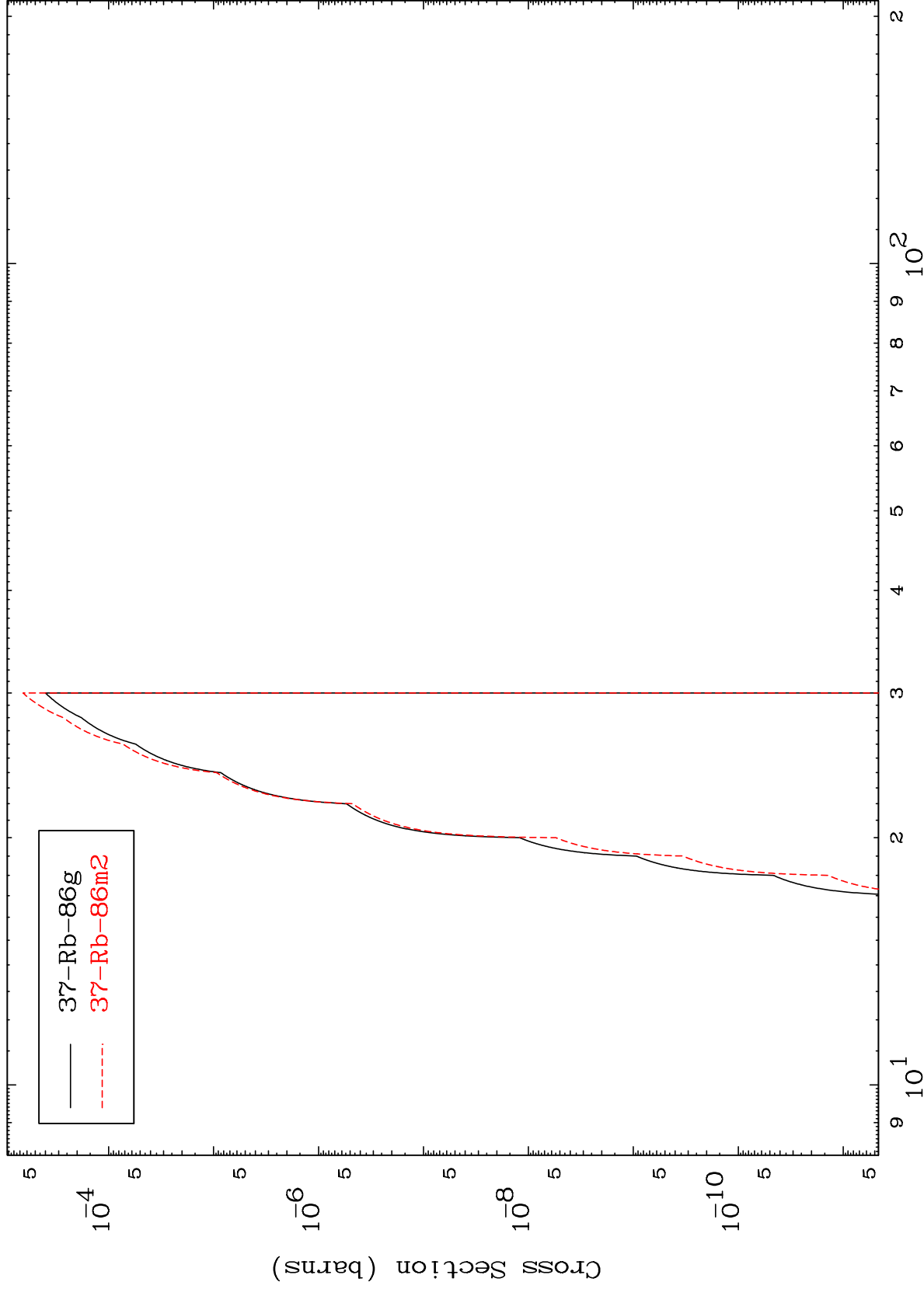
39-Y -90

MAT 3928

(d,n') p α

39-Y -90

Radionuclide Production Cross Section



— $^{86g}\text{Rb-37}$
- - - $^{86m2}\text{Rb-37}$

20

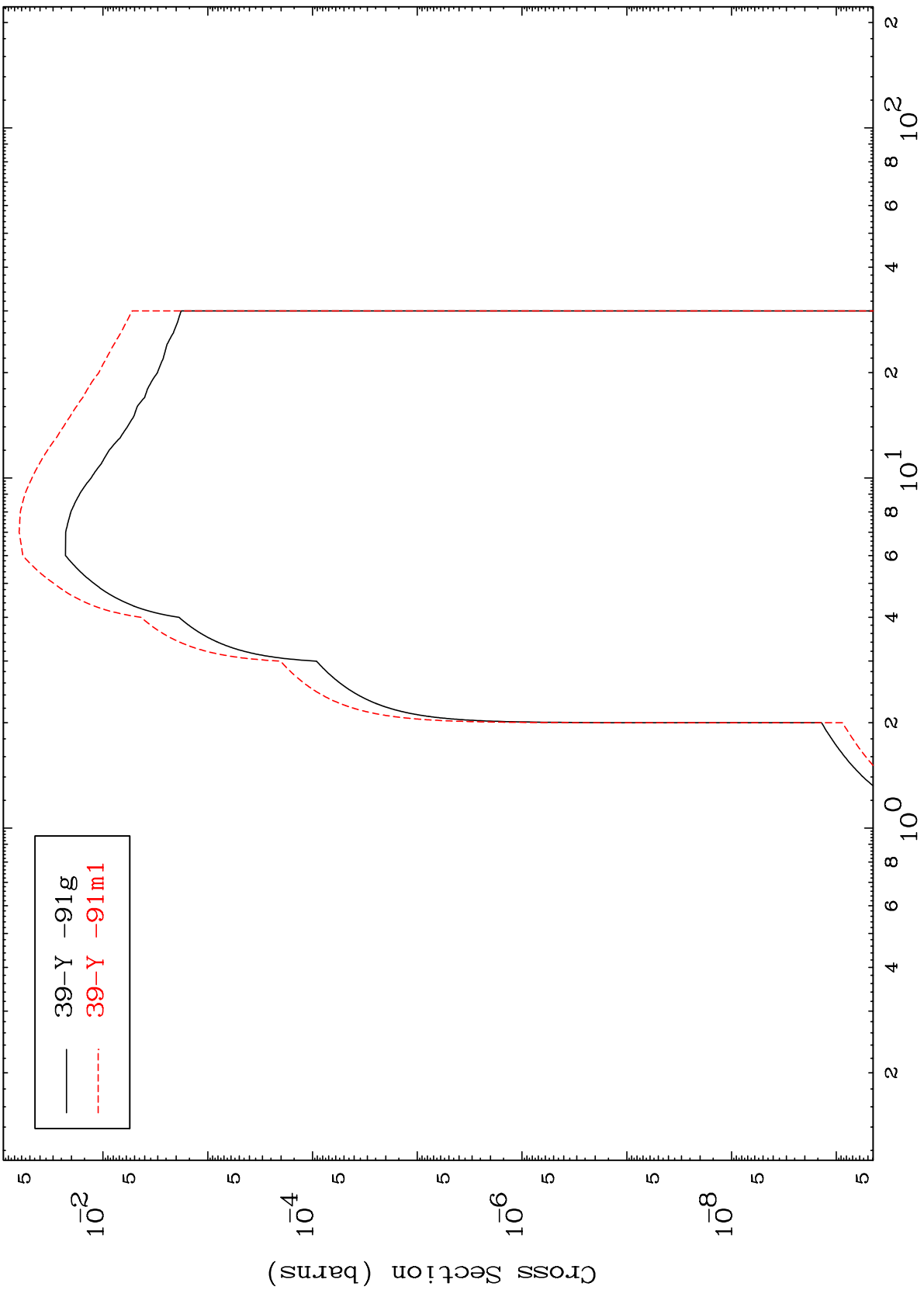
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

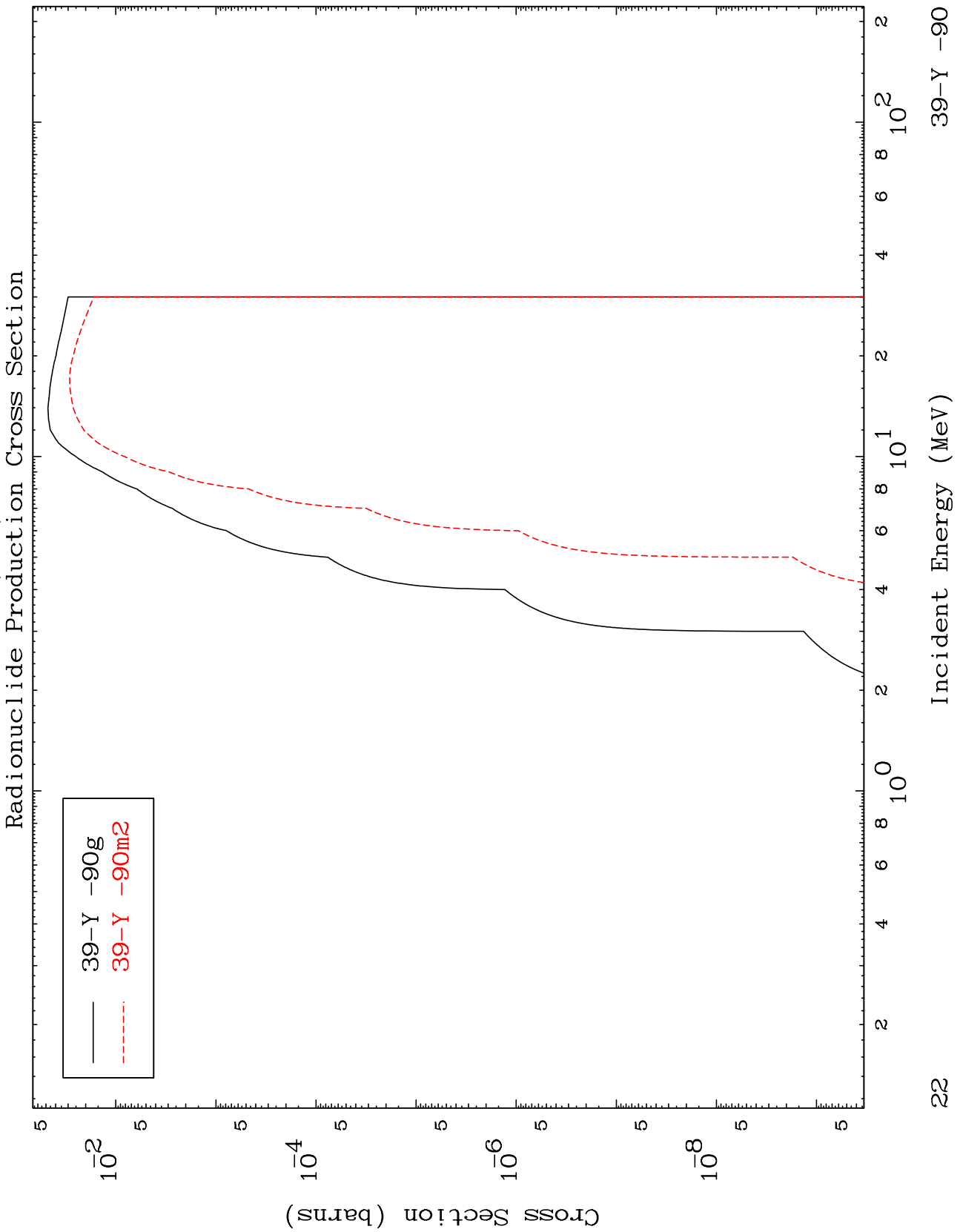
(d,p)
Radionuclide Production Cross Section



MAT 3928

(d,d)

³⁹Y -90

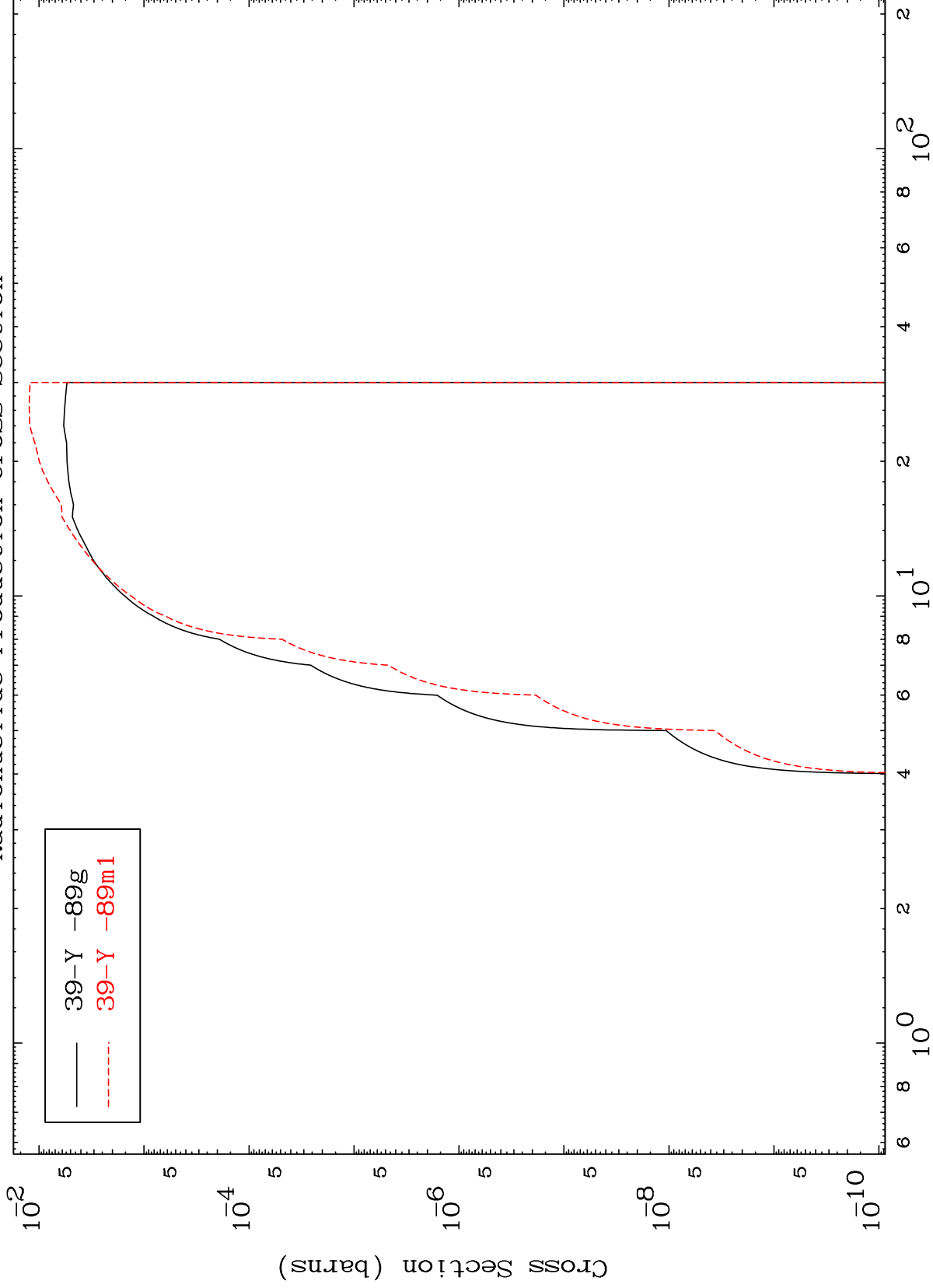


MAT 3928

(d,t)

39-Y -90

Radionuclide Production Cross Section



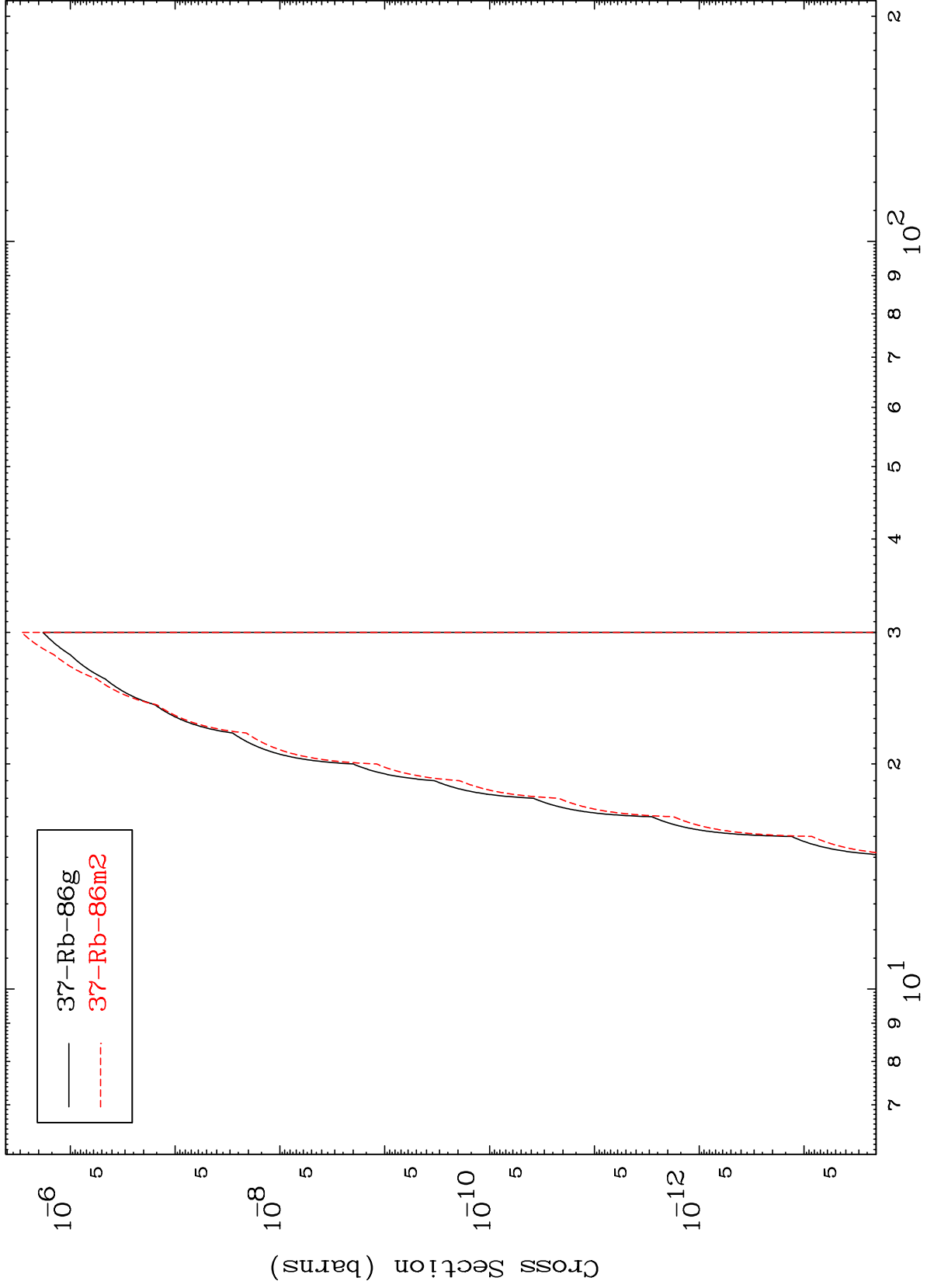
— 39-Y -89g
- - - 39-Y -89m1

MAT 3928

(d,d) α

39-Y -90

Radionuclide Production Cross Section



24

Incident Energy (MeV)

39-Y -90