

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

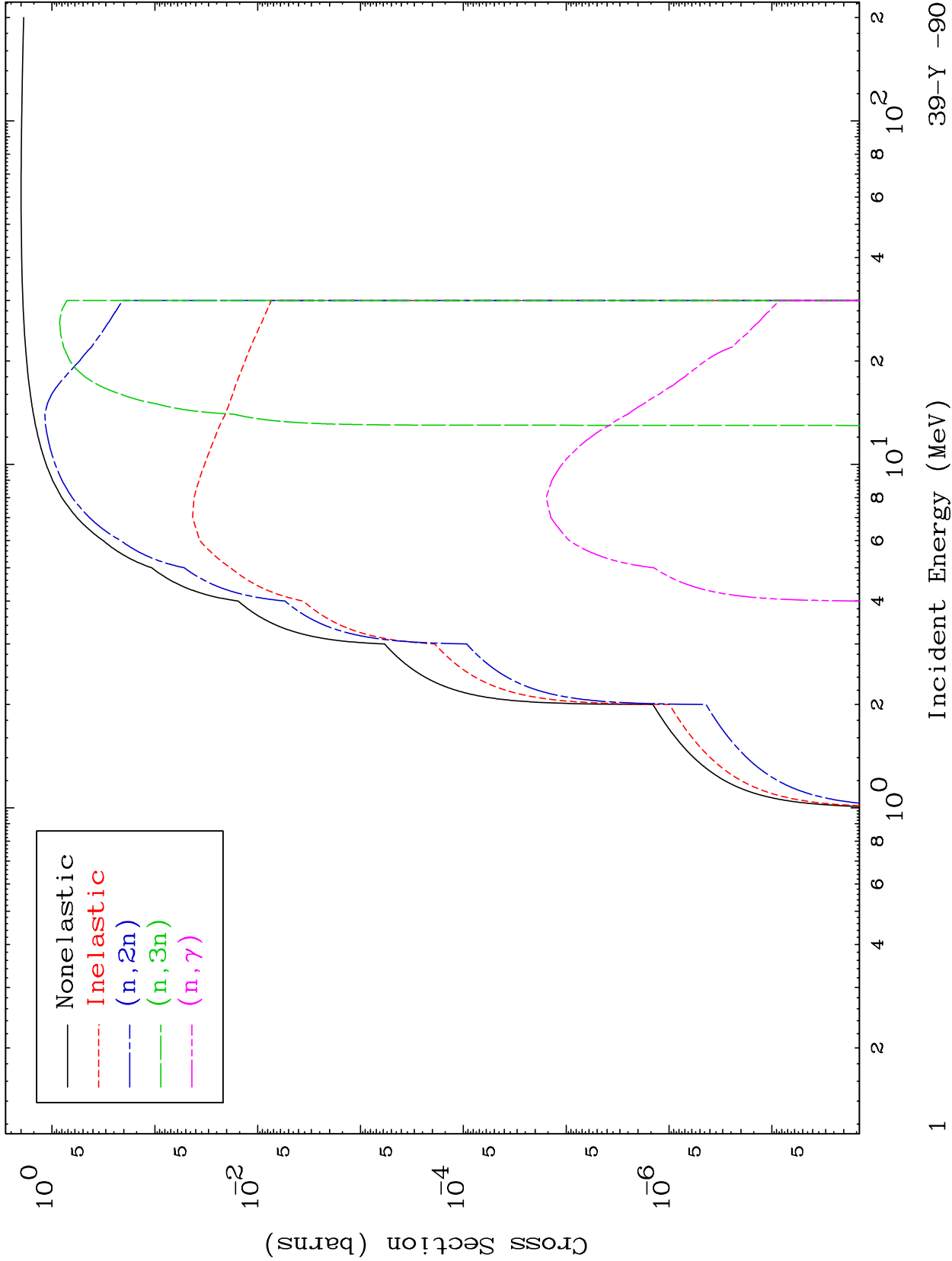
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

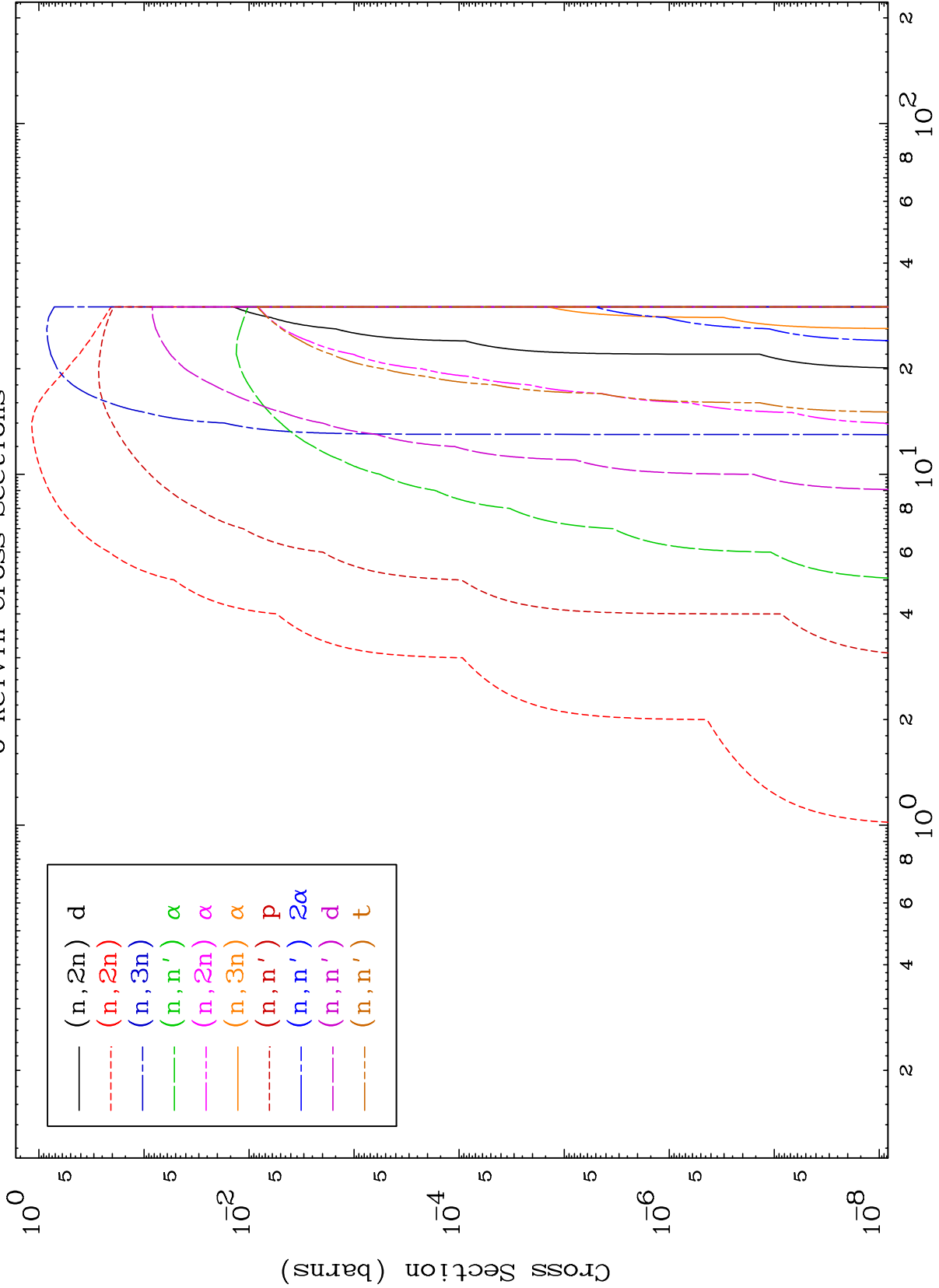
Tele: 925-443-1911

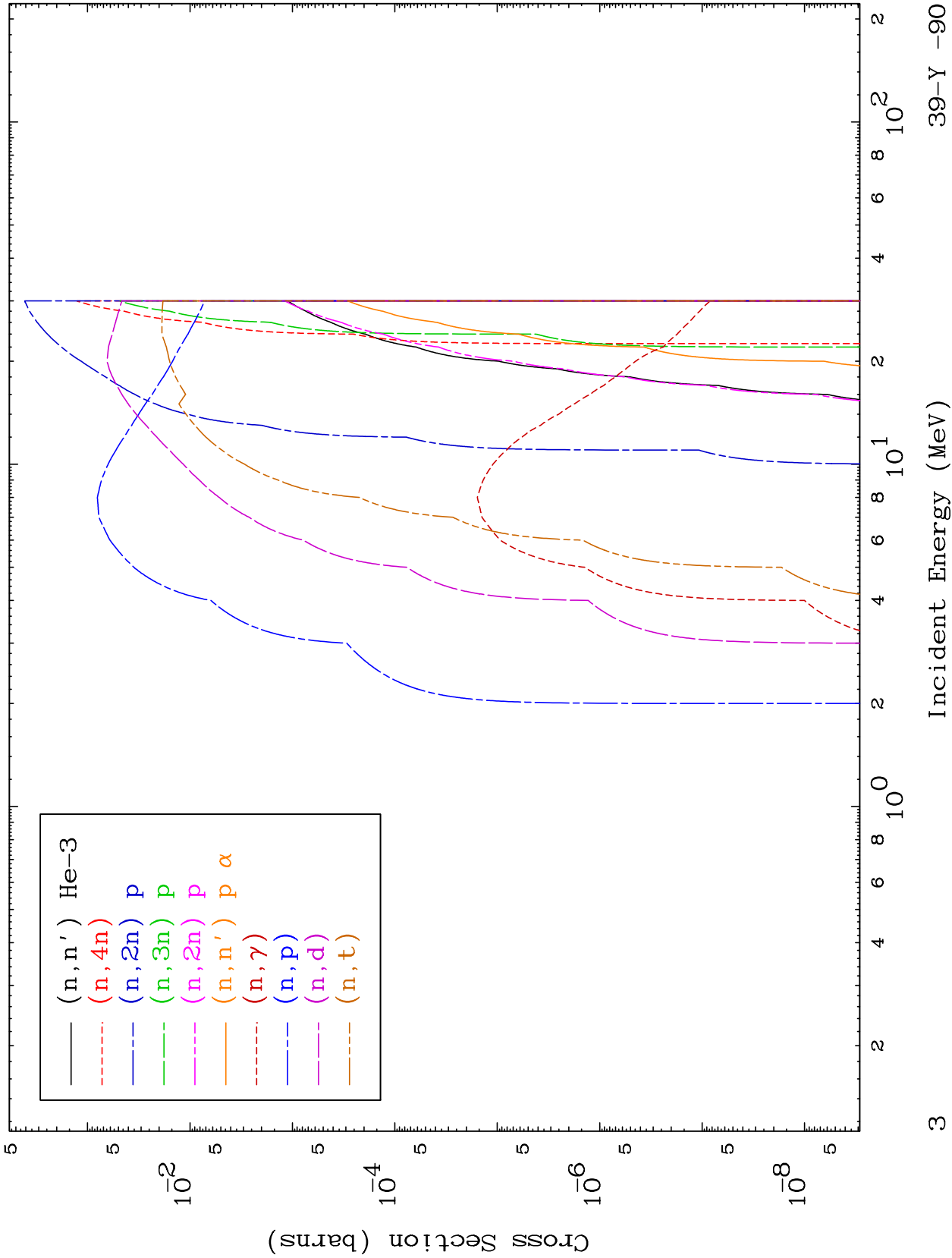
E.Mail:redcullen1@comcast.net

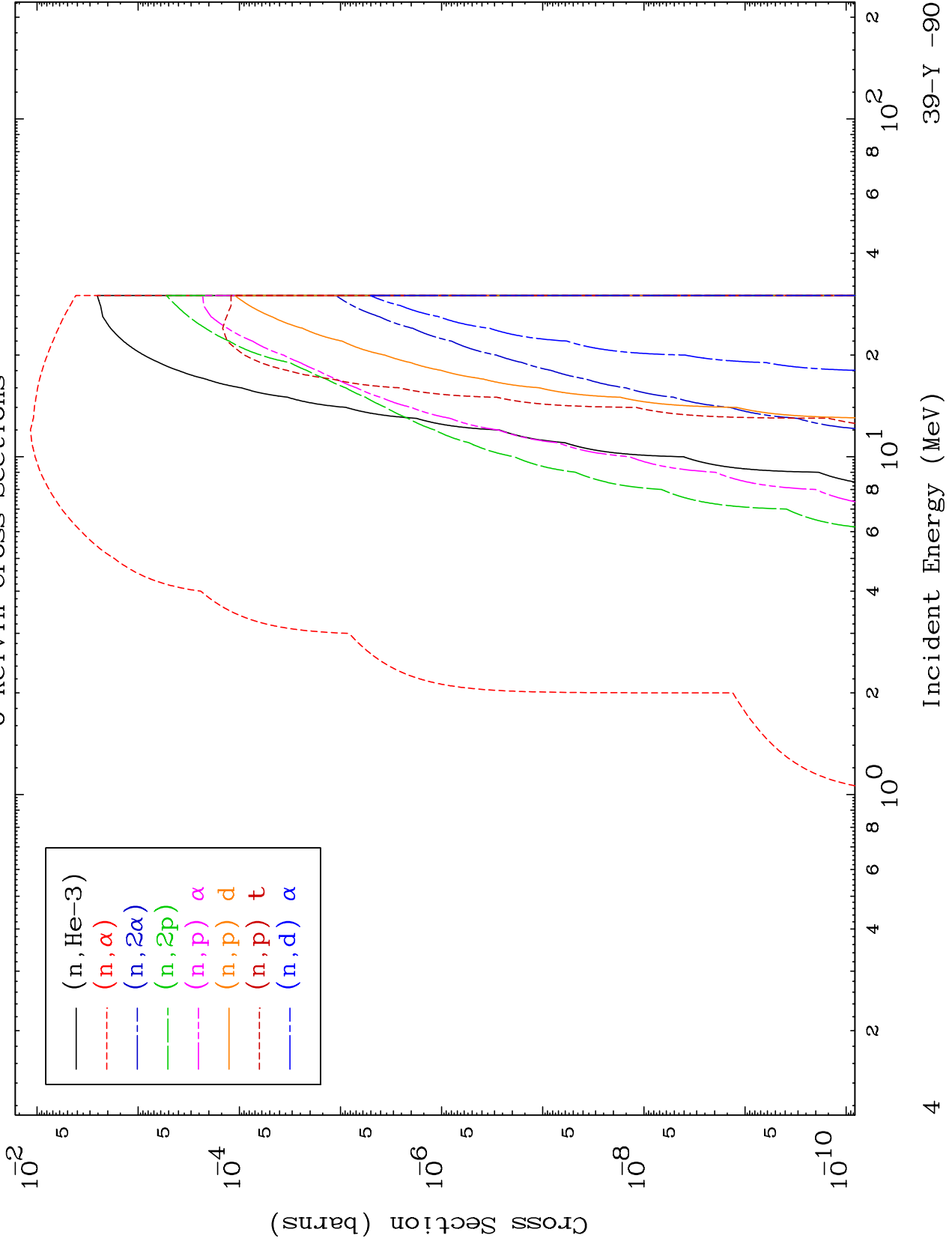
Web:redcullen1.net/HOMEPAGE.NEW

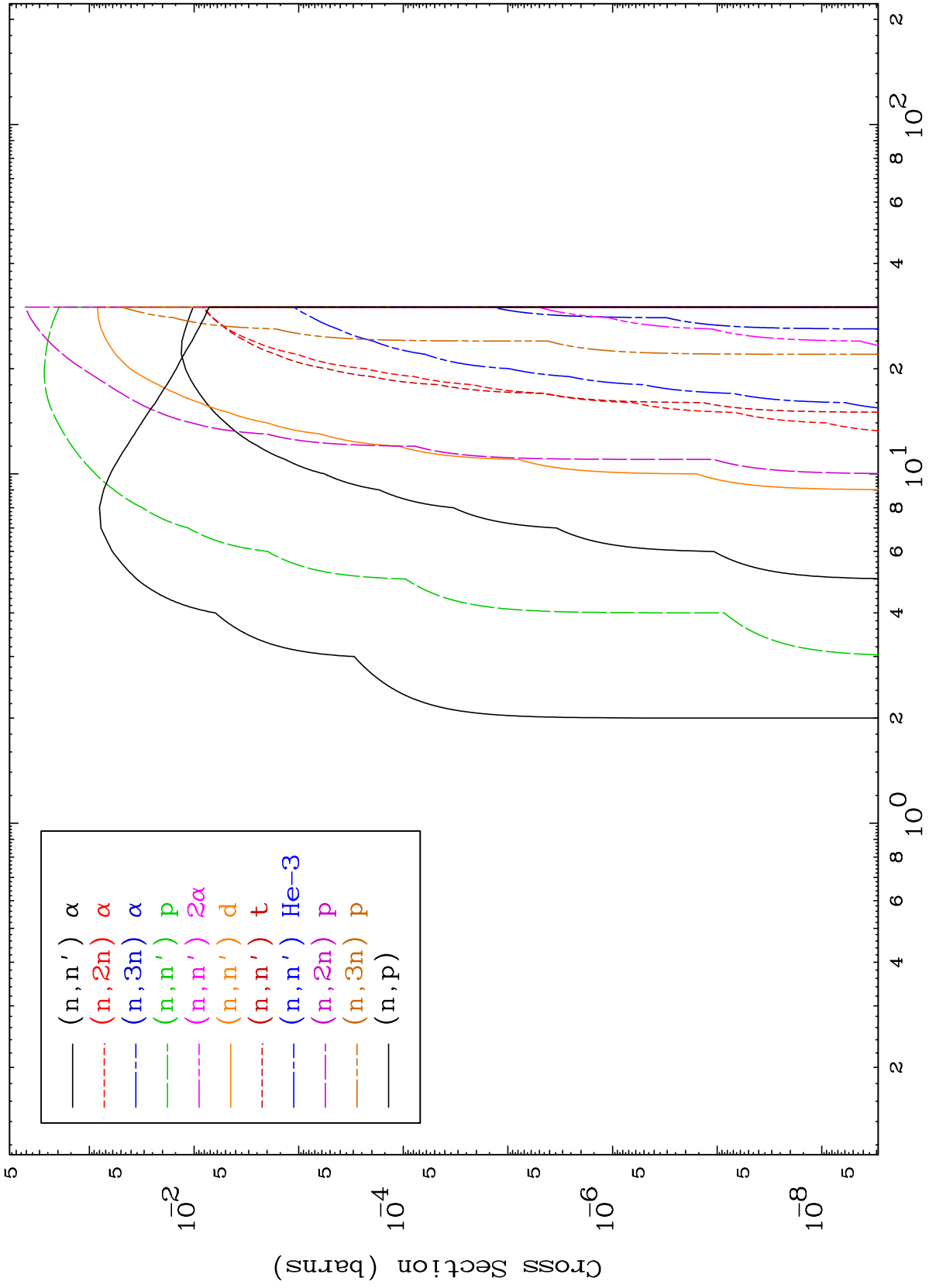
Press Mouse Button to Start

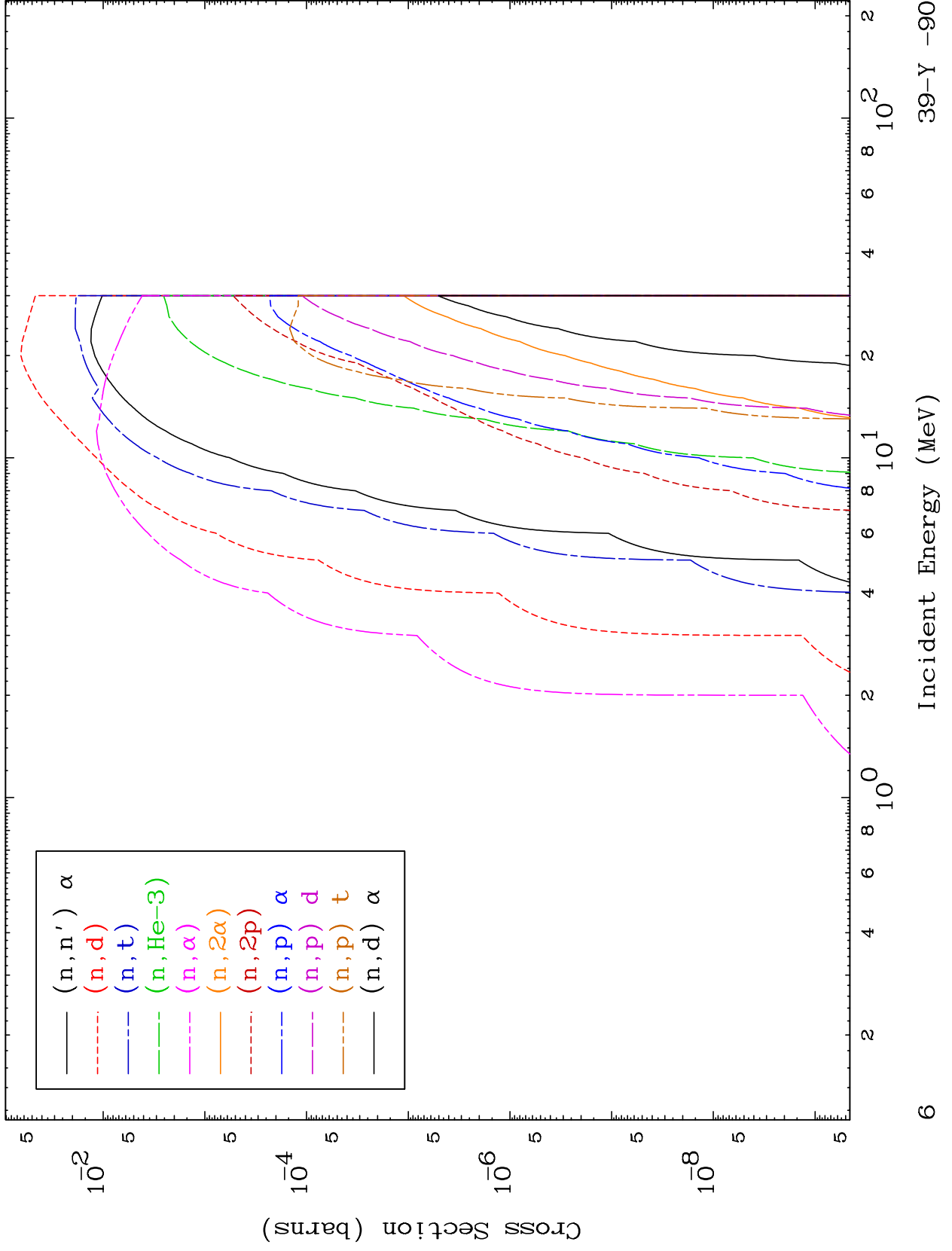








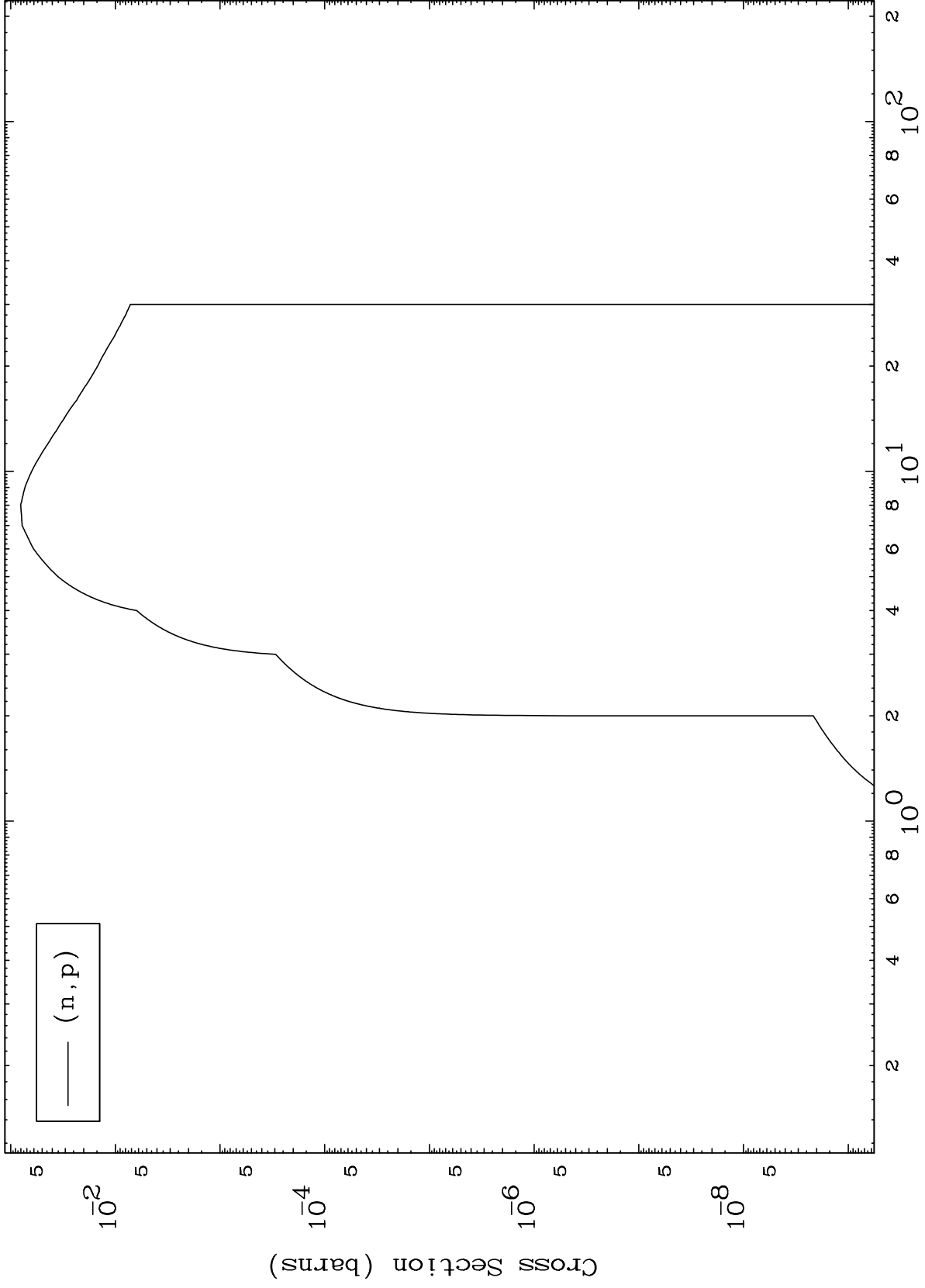




MAT 3928

(d,p) Levels
0 Kelvin Cross Sections

39-Y -90

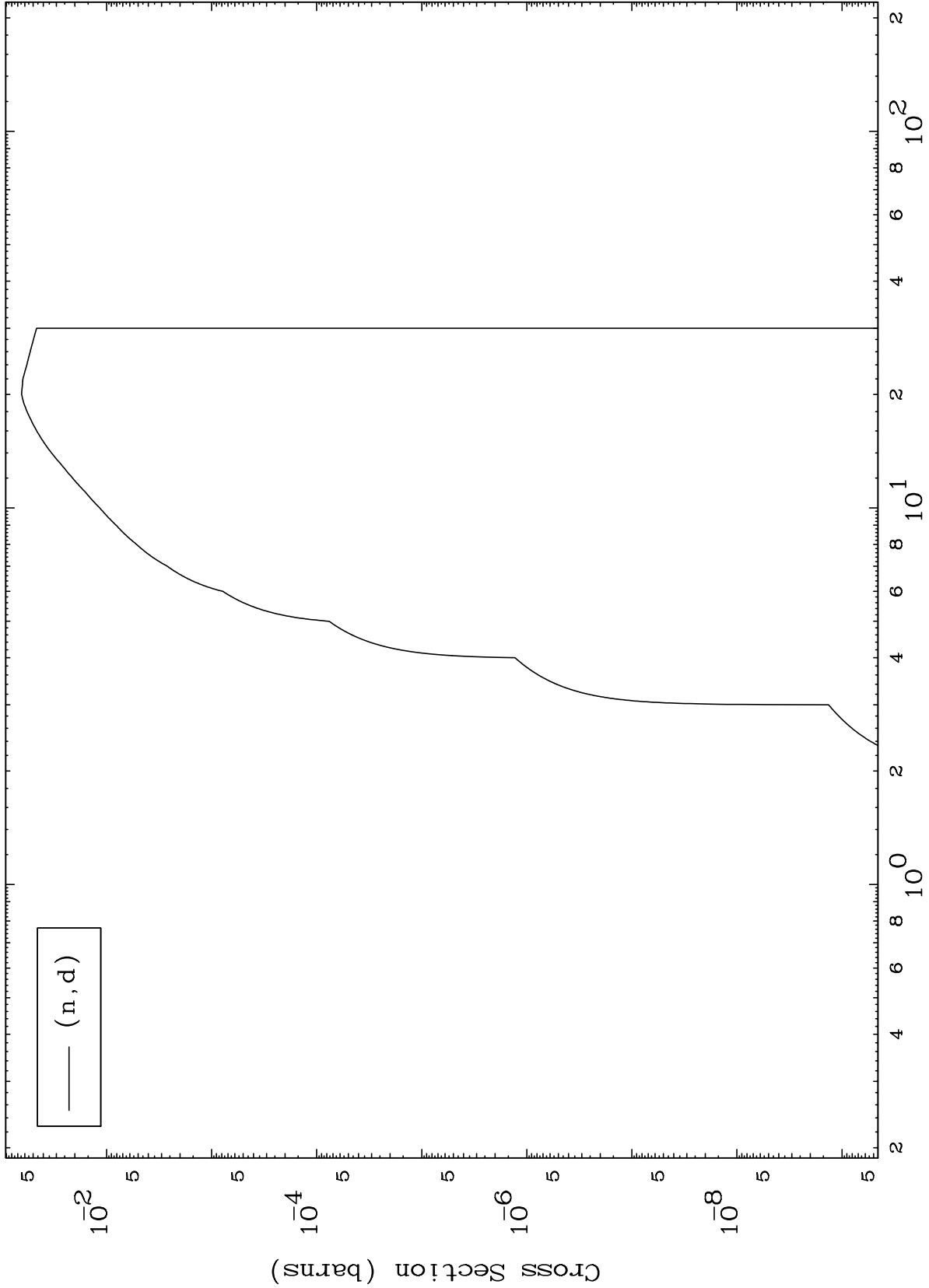


MAT 3928

(d,d) Levels

39-Y -90

0 Kelvin Cross Sections



8

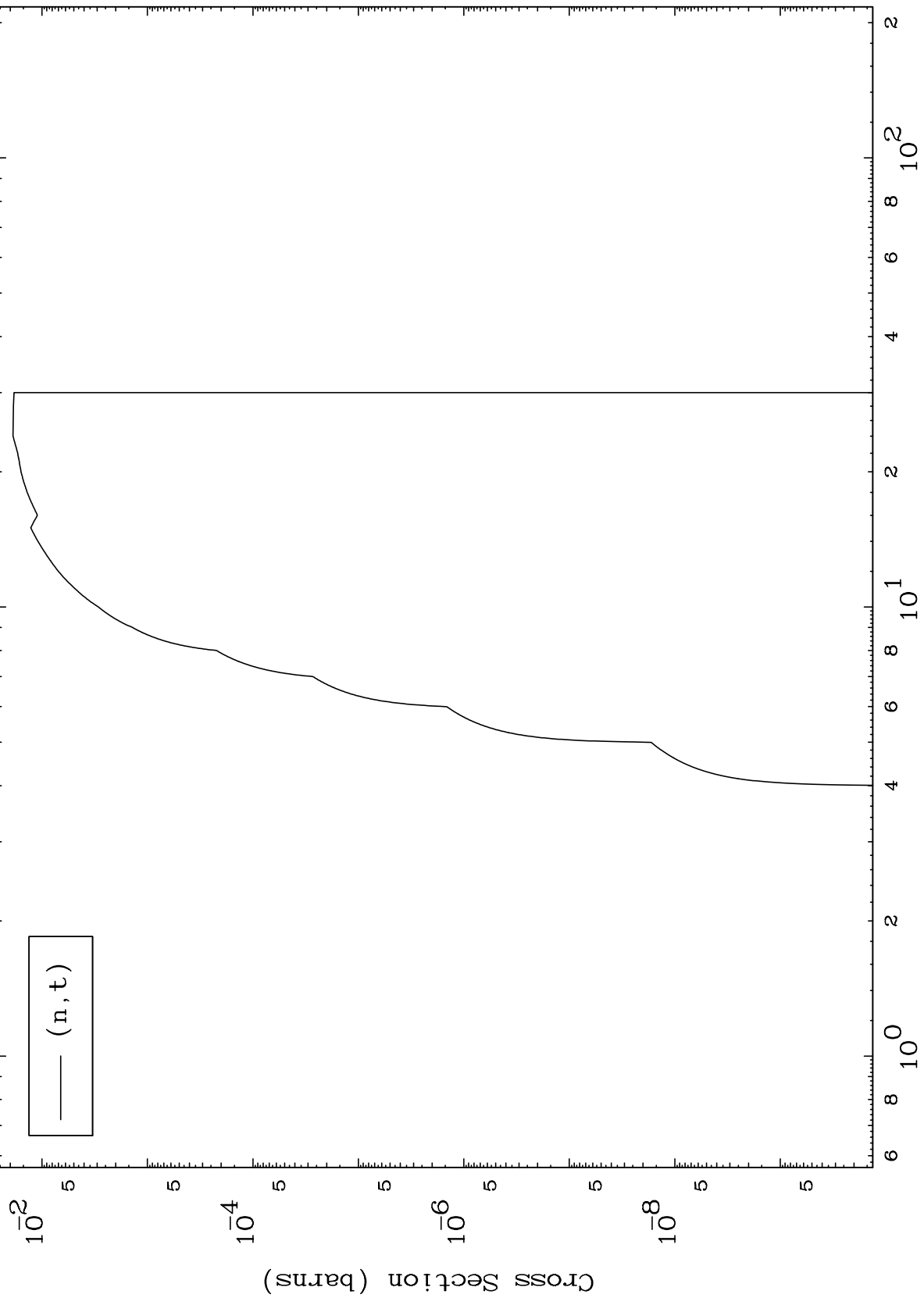
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(d,t) Levels
0 Kelvin Cross Sections



(n,t)

9

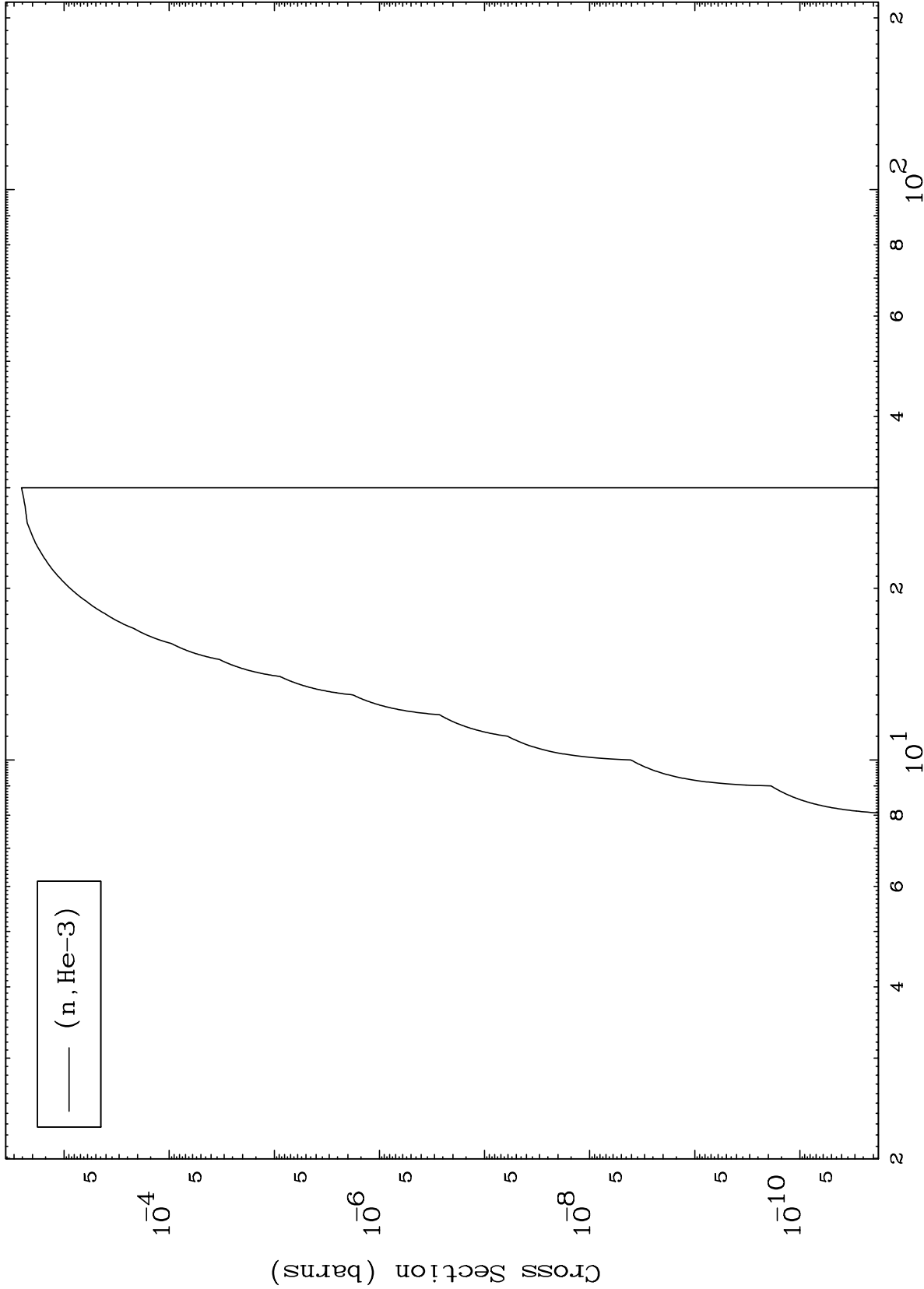
Incident Energy (MeV)

39-Y -90

MAT 3928

(d,He3) Levels
0 Kelvin Cross Sections

39-Y -90



10

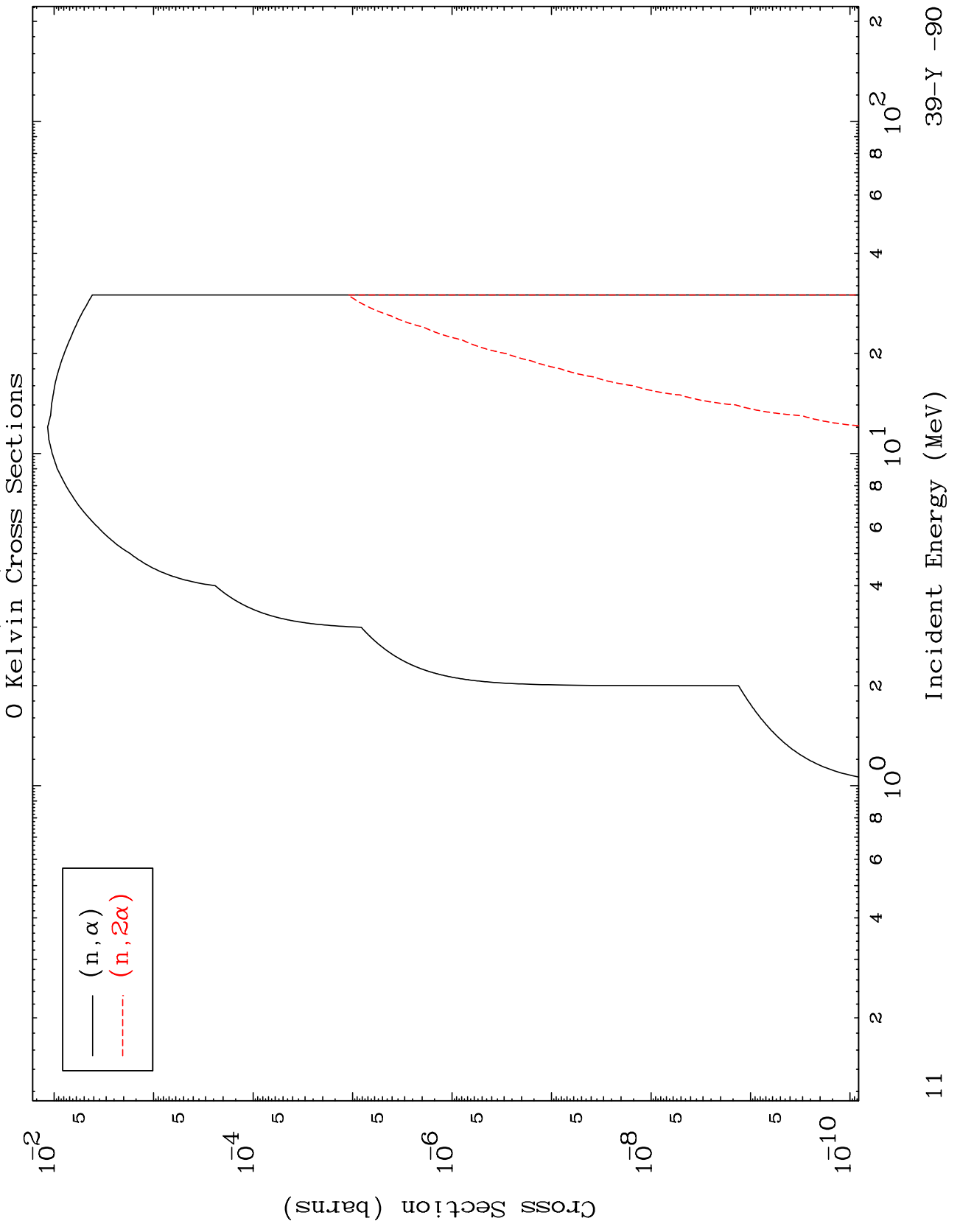
Incident Energy (MeV)

39-Y -90

MAT 3928

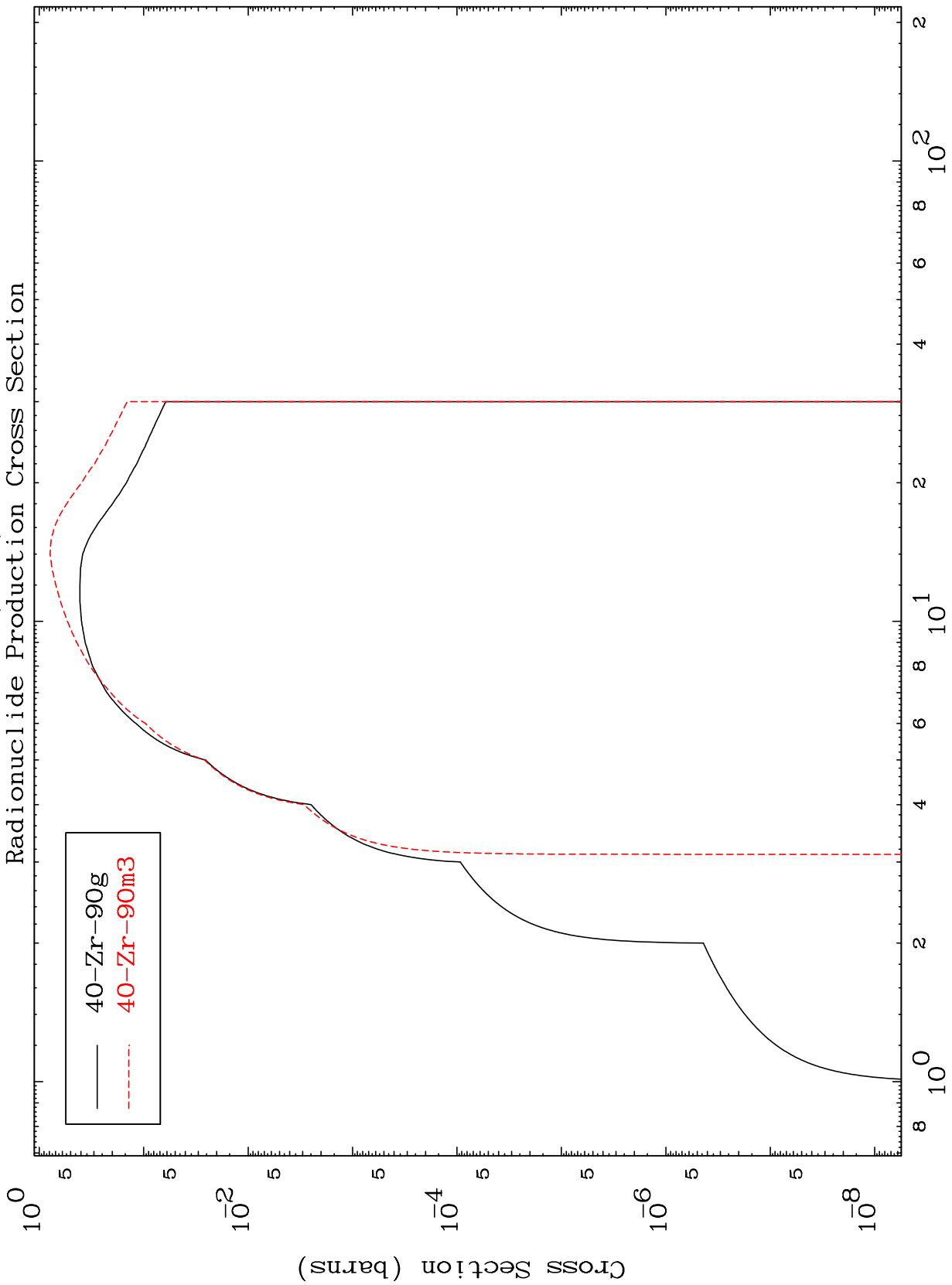
(d, α) Levels

39-Y -90



MAT 3928

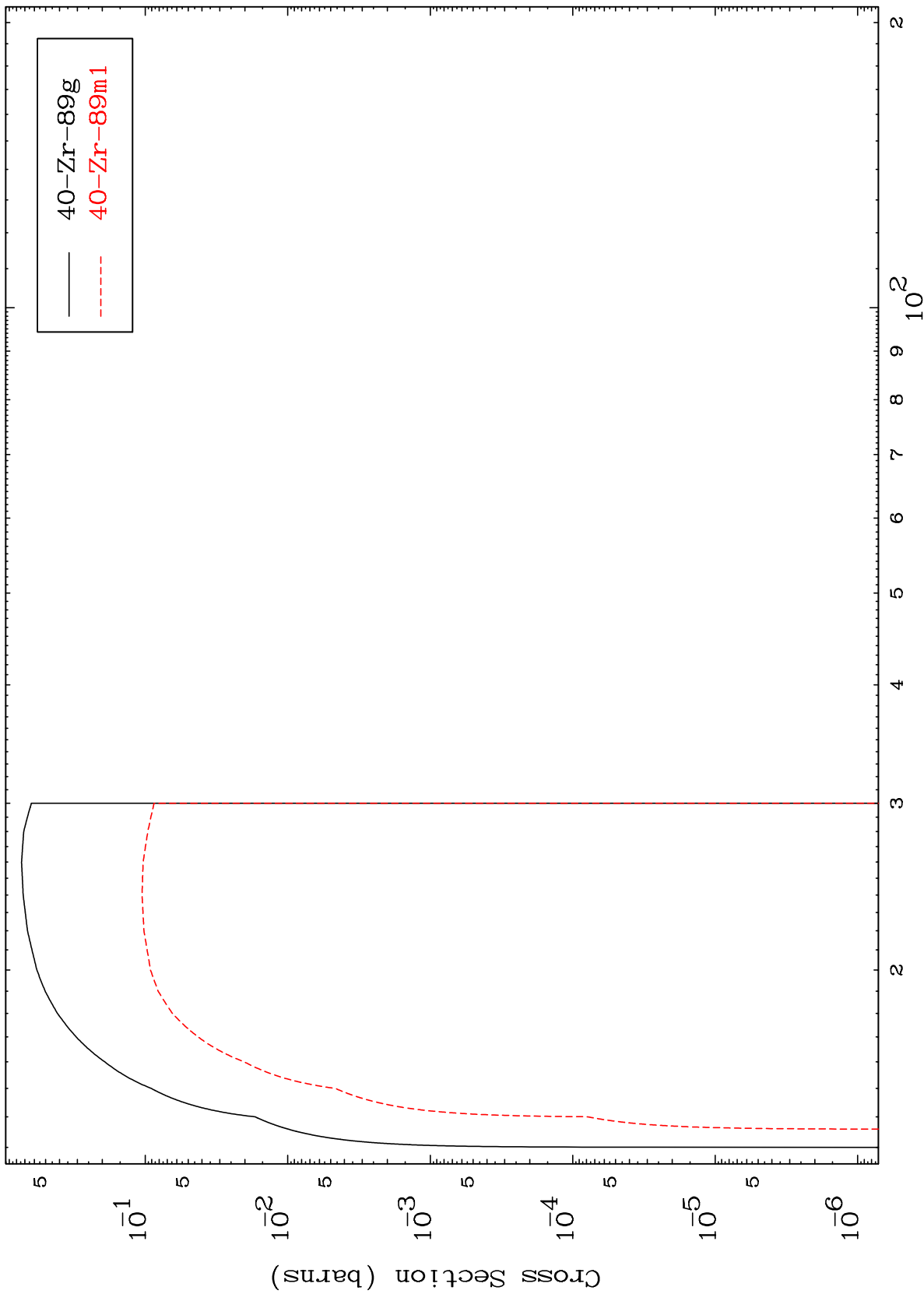
39-Y -90



12

39-Y -90

(n,3n)
Radionuclide Production Cross Section

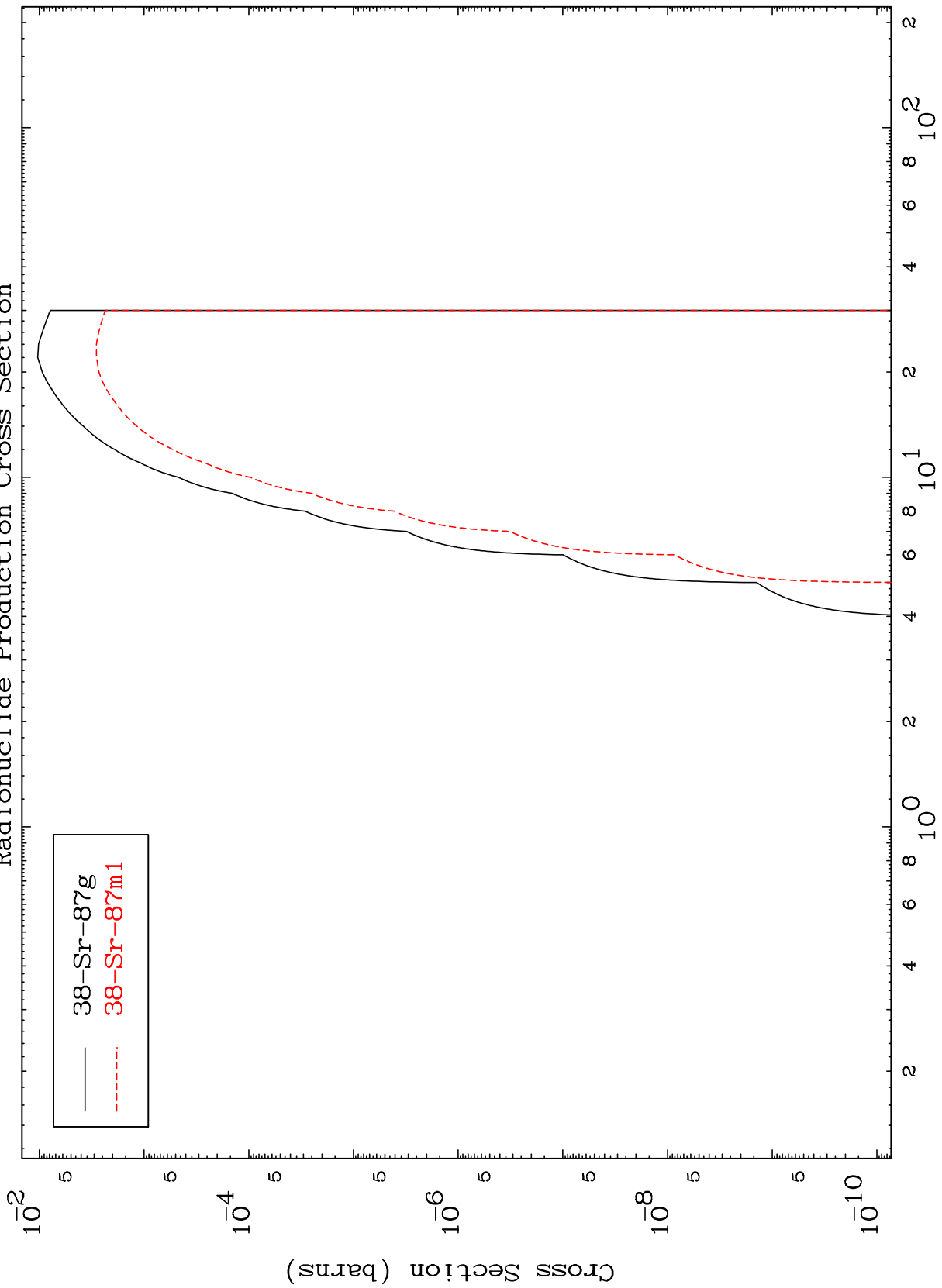


MAT 3928

$(n, n') \alpha$

39-Y -90

Radionuclide Production Cross Section



14

Incident Energy (MeV)

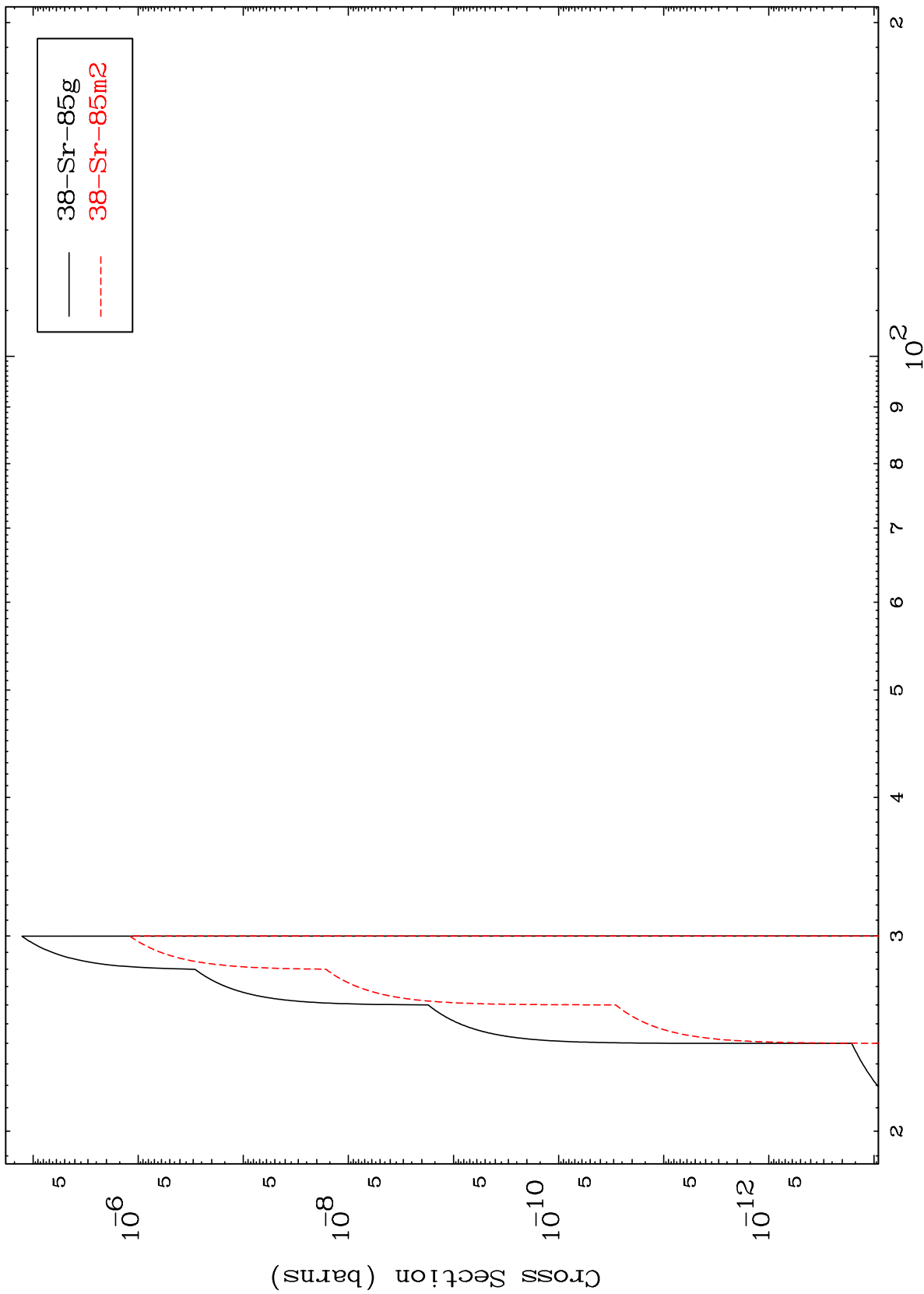
39-Y -90

MAT 3928

(n,3n) α

39-Y -90

Radionuclide Production Cross Section



15

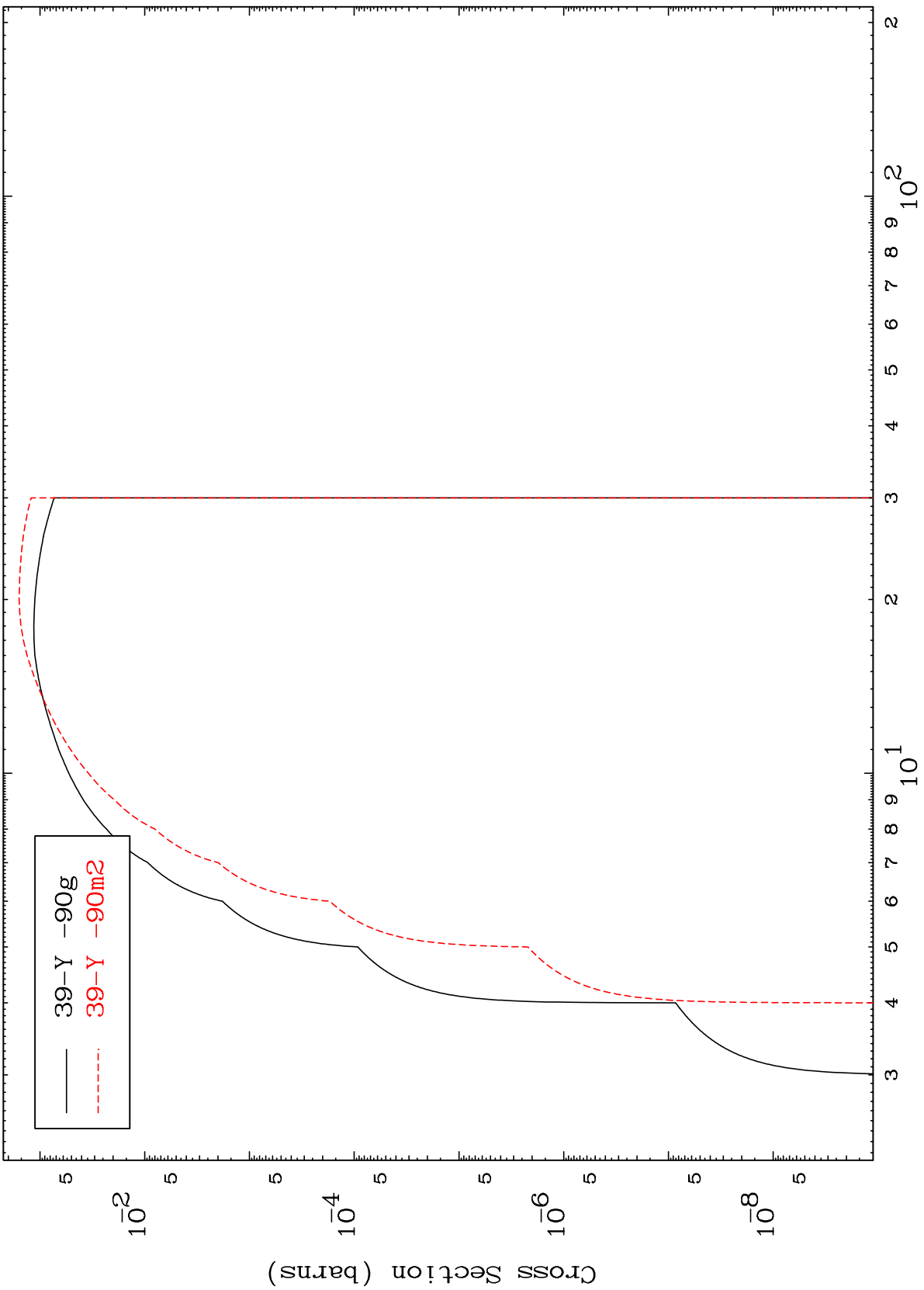
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

Radionuclide Production Cross Section



16

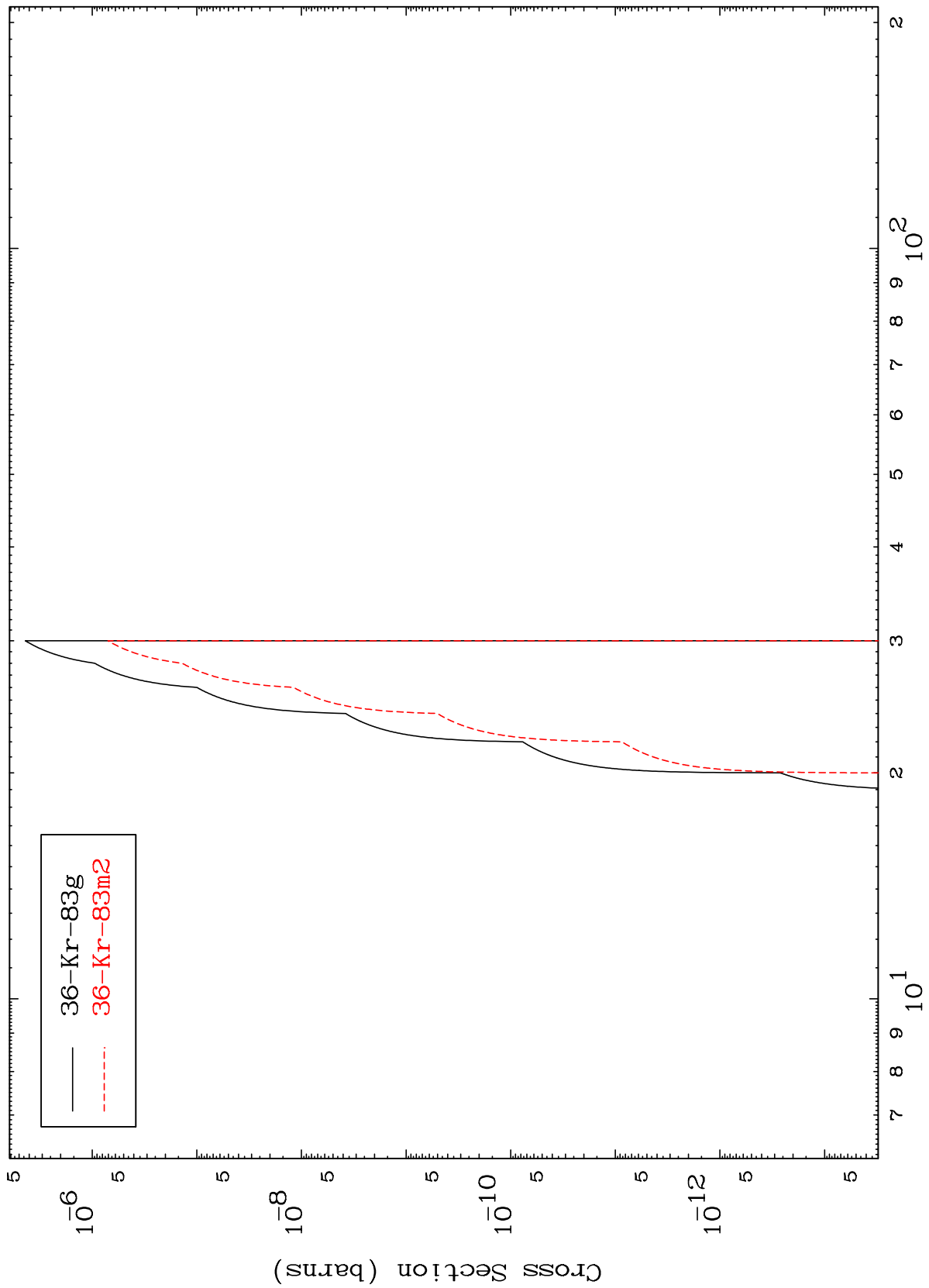
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

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



17

Incident Energy (MeV)

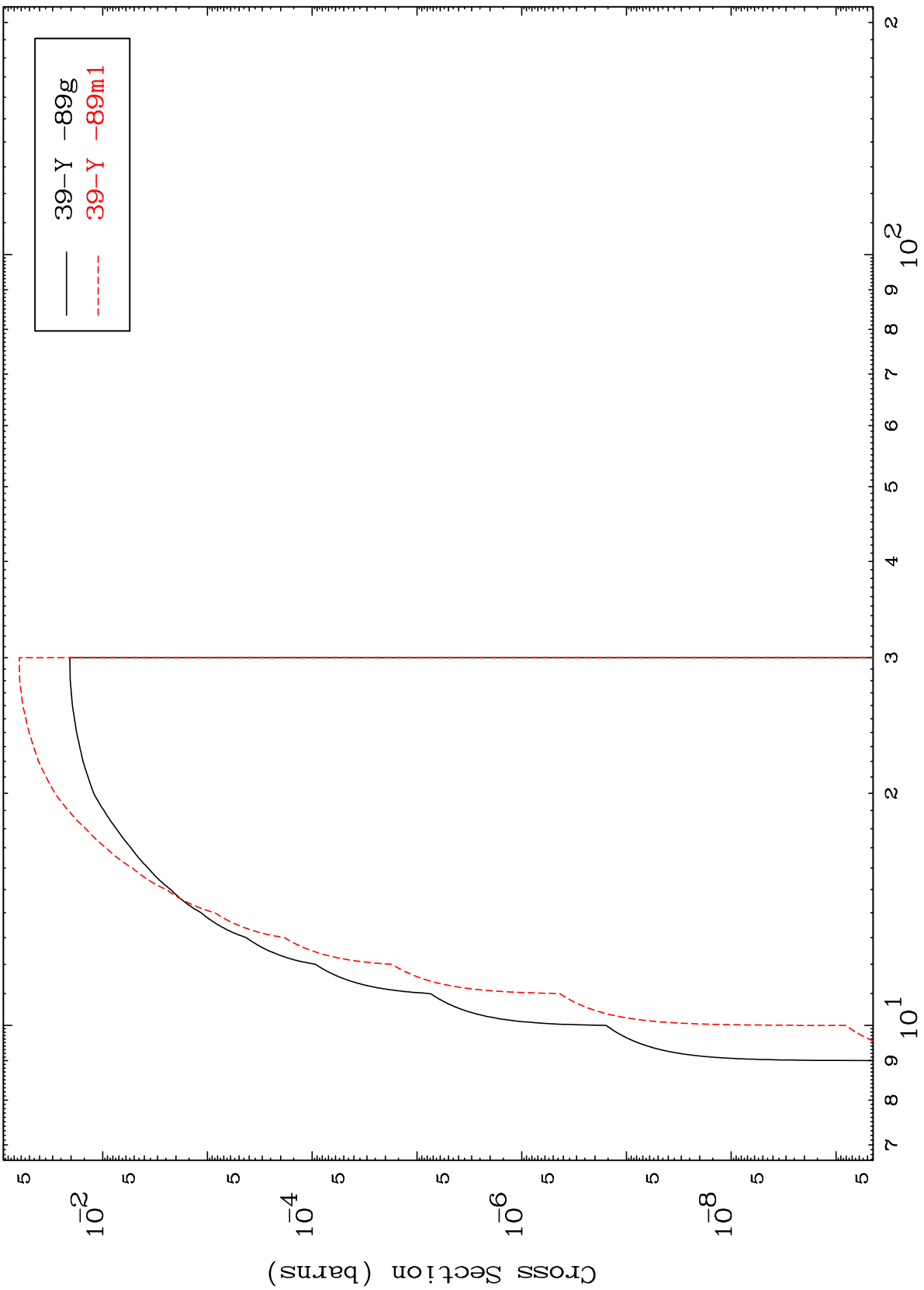
39-Y -90

MAT 3928

(n, n') d

39-Y -90

Radionuclide Production Cross Section



18

Incident Energy (MeV)

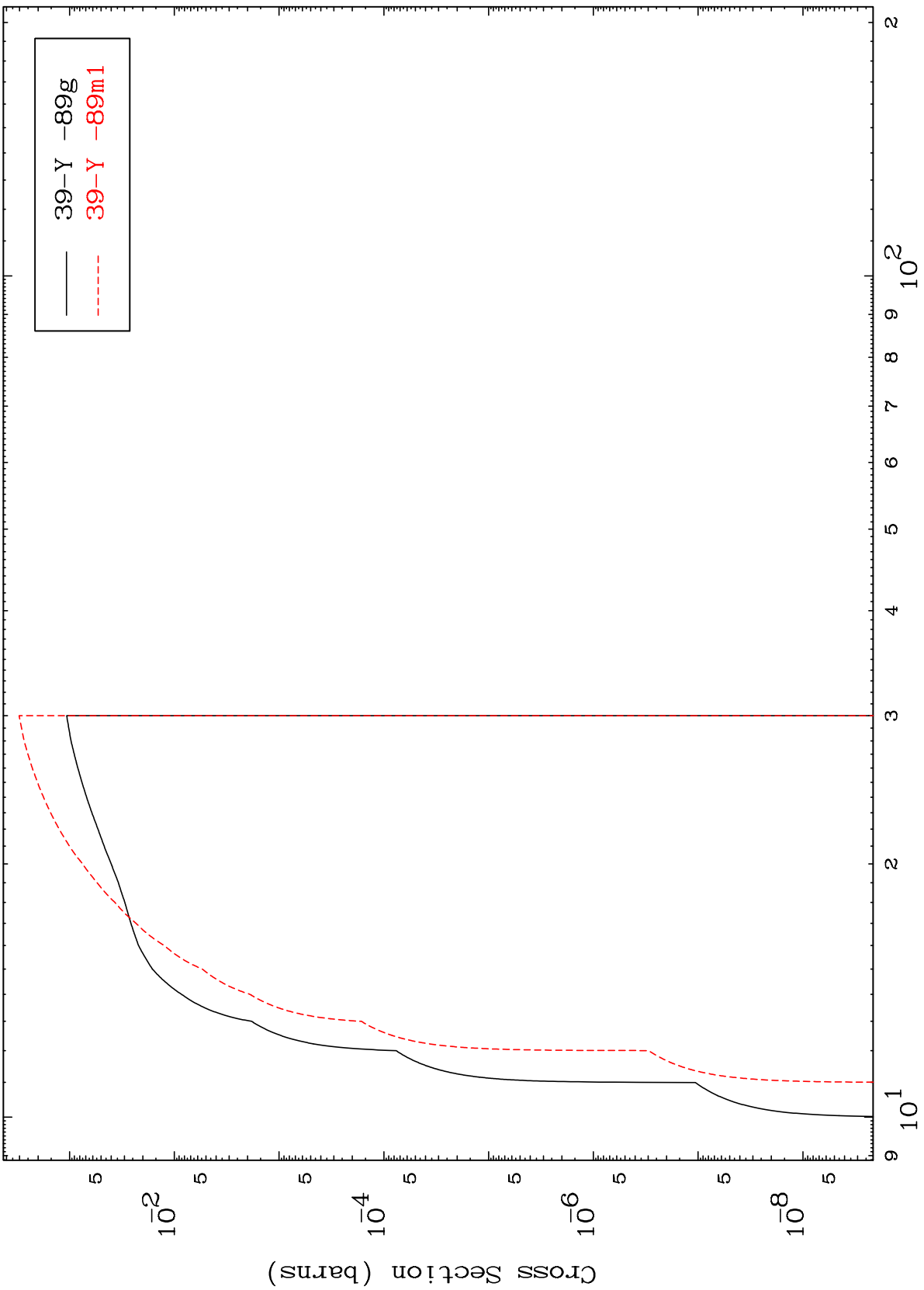
39-Y -90

MAT 3928

(n,2n) p

39-Y -90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

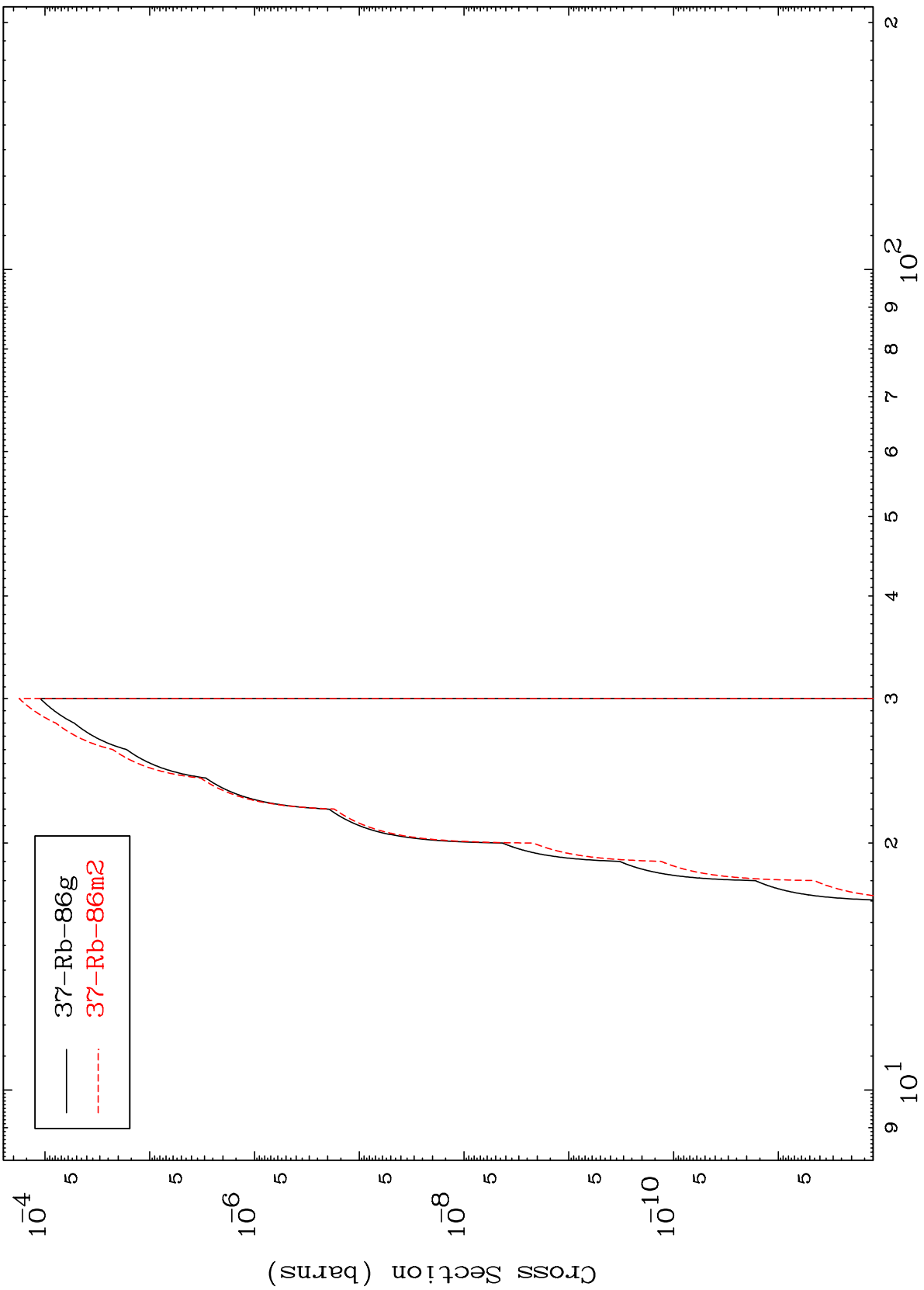
39-Y -90

MAT 3928

(n,n') p α

39-Y -90

Radionuclide Production Cross Section



— 37-Rb-86g
- - - 37-Rb-86m2

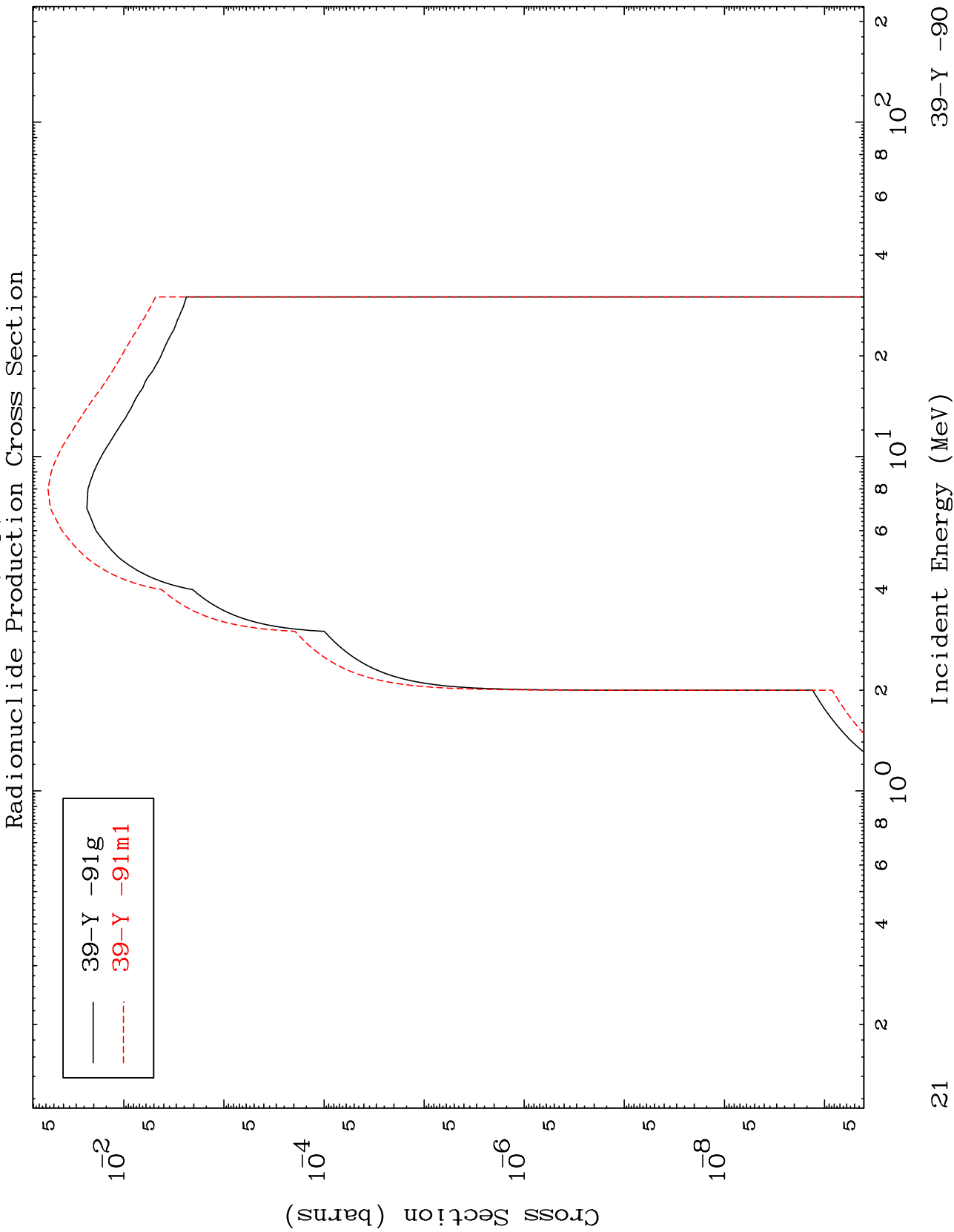
20

Incident Energy (MeV)

39-Y -90

MAT 3928

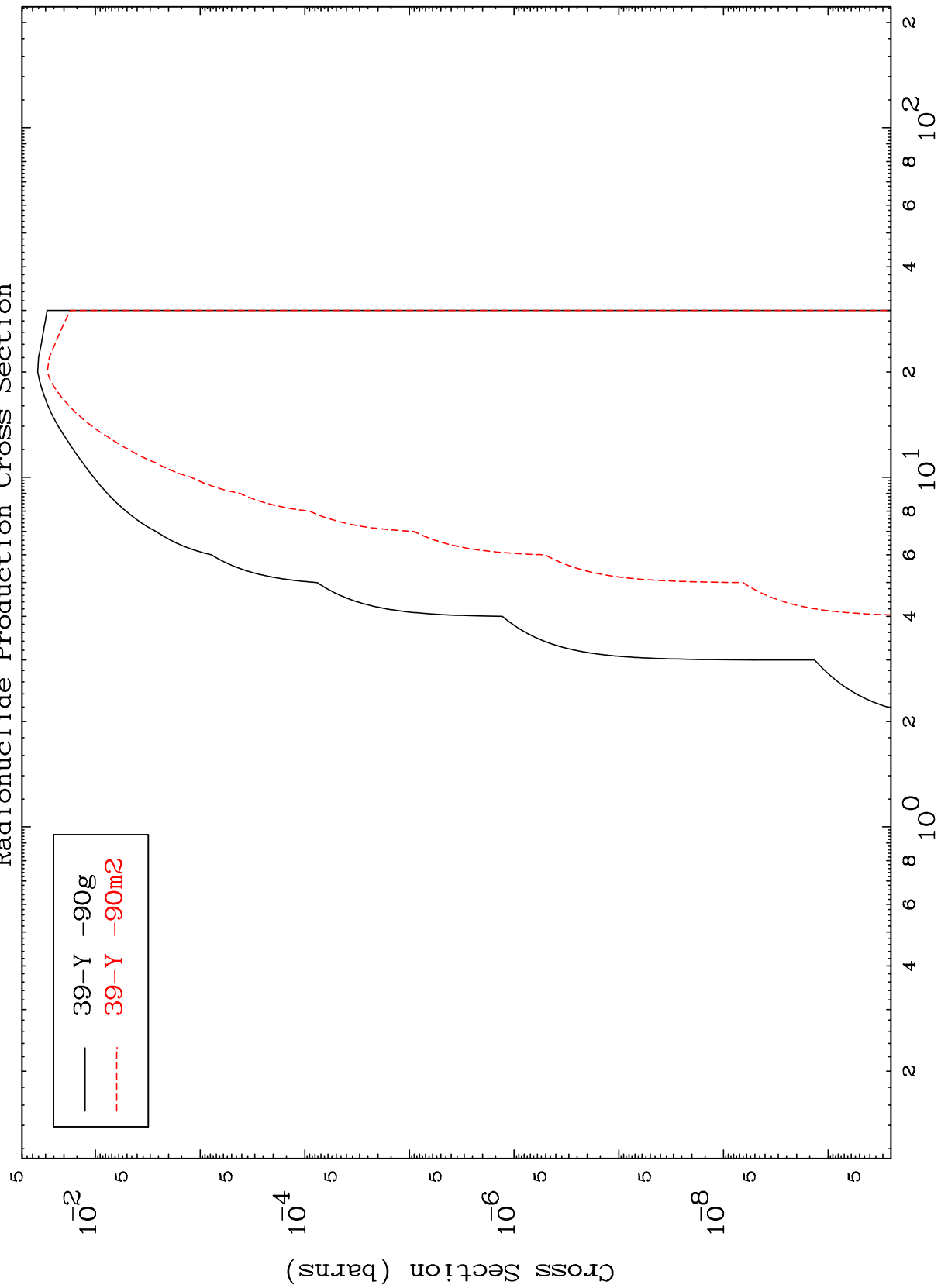
39-Y -90



MAT 3928

39-Y -90

(n,d)
Radionuclide Production Cross Section



— 39-Y -90g
- - - 39-Y -90m2

39-Y -90

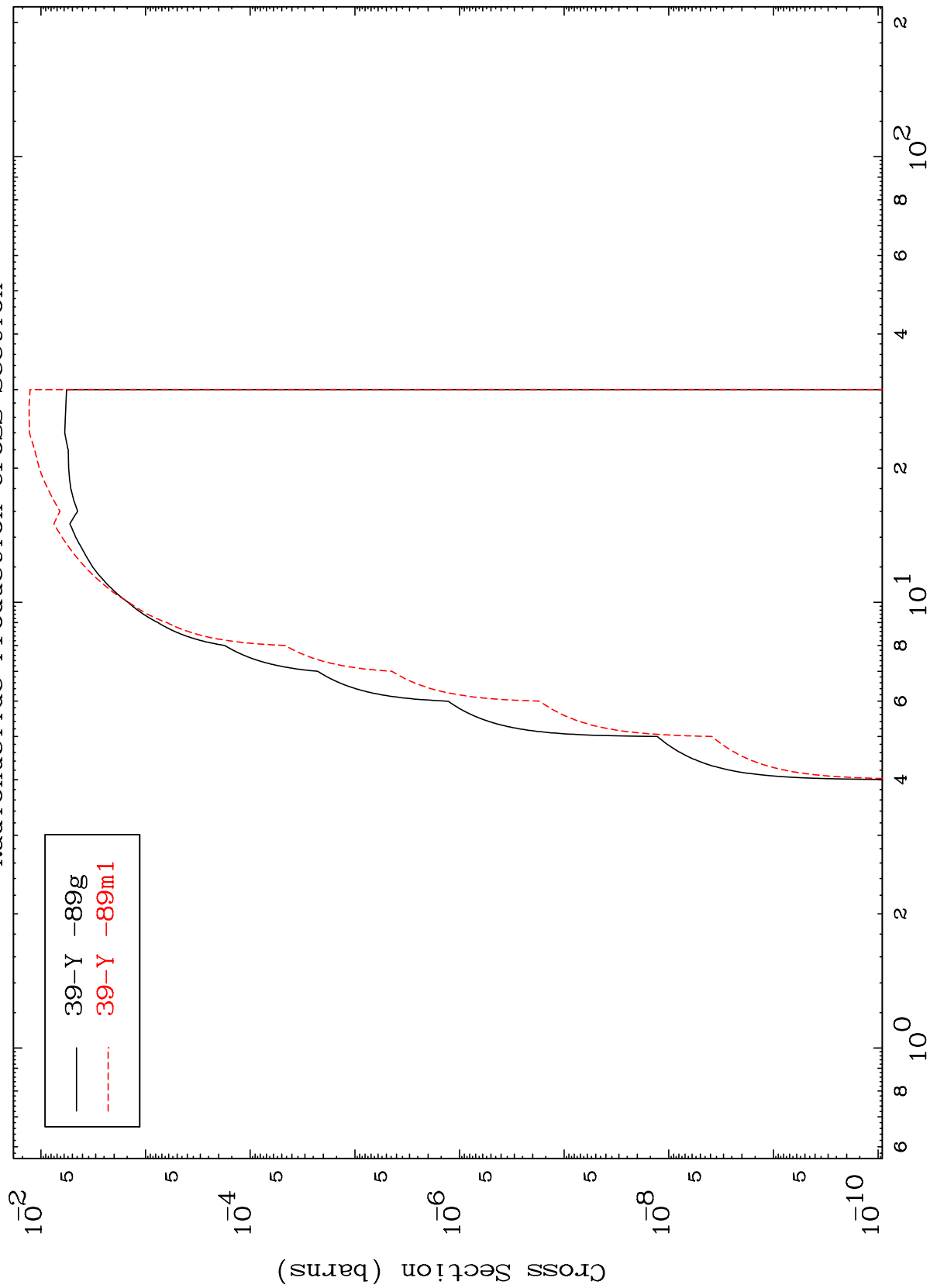
Incident Energy (MeV)

22

MAT 3928

39-Y -90

Radionuclide Production Cross Section



Incident Energy (MeV)

39-Y -90

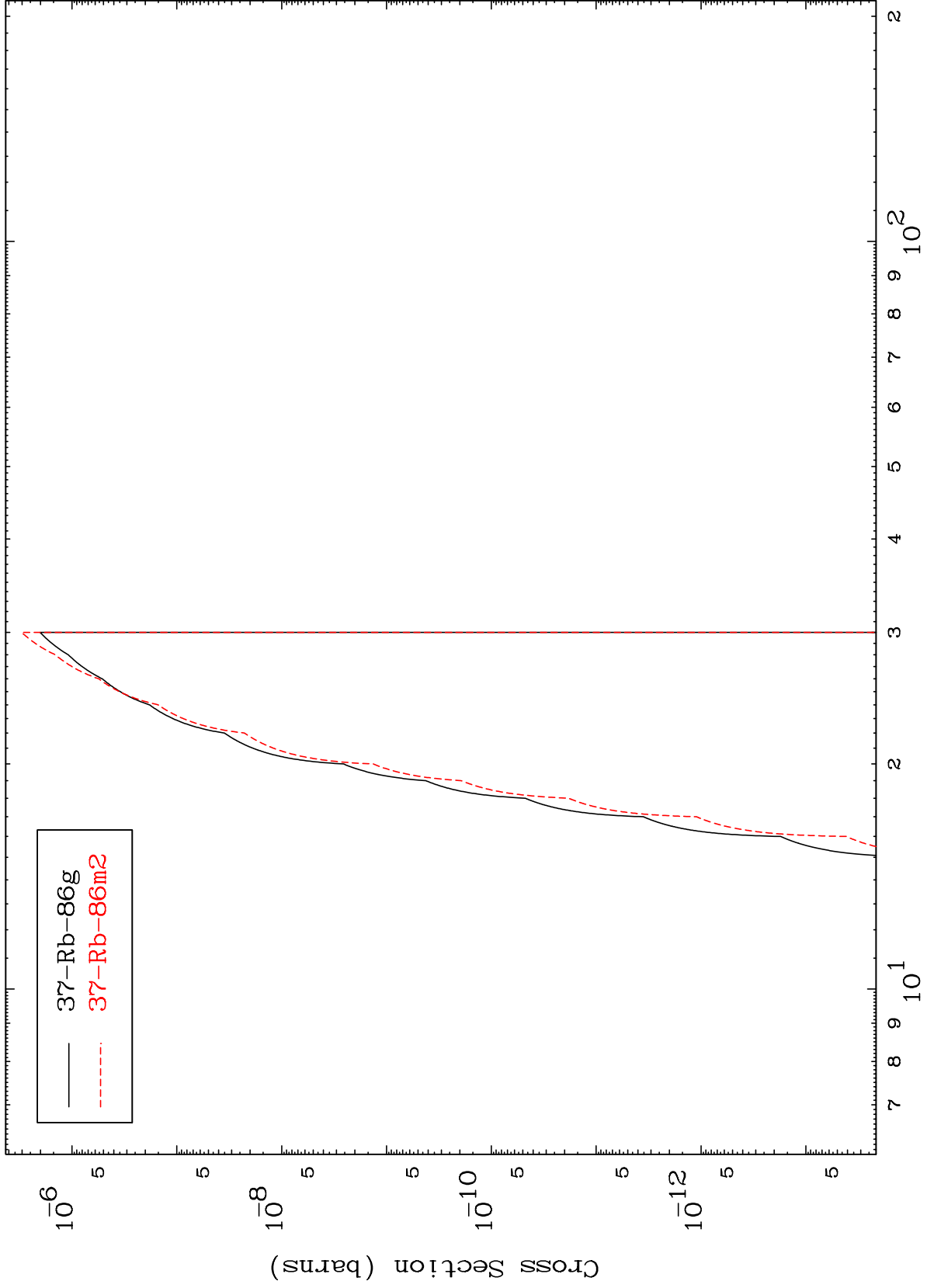
23

MAT 3928

(n,d) α

39-Y -90

Radionuclide Production Cross Section



— 37-Rb-86g
- - - 37-Rb-86m2

24

Incident Energy (MeV)

39-Y -90