

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

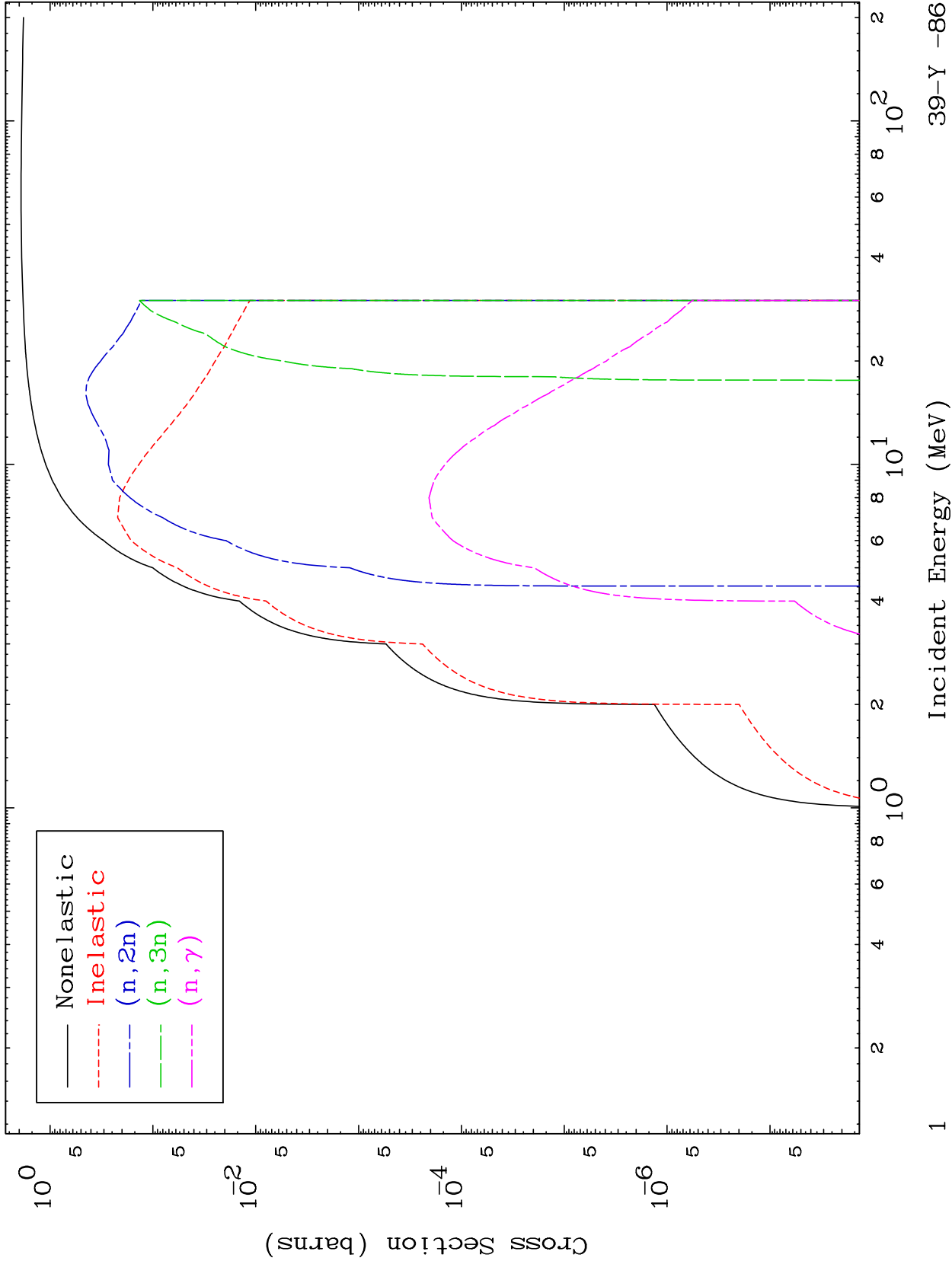
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

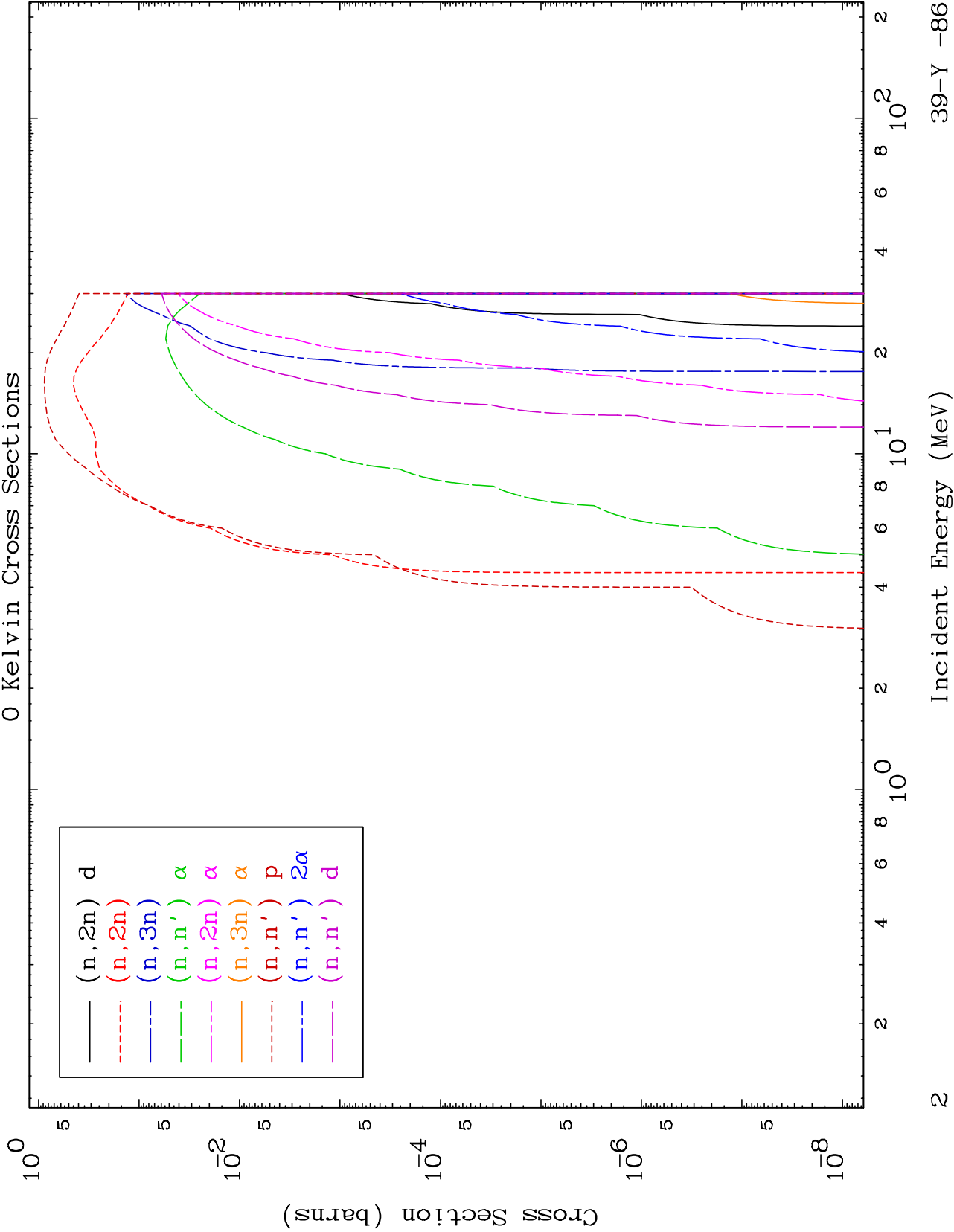
Tele: 925-443-1911

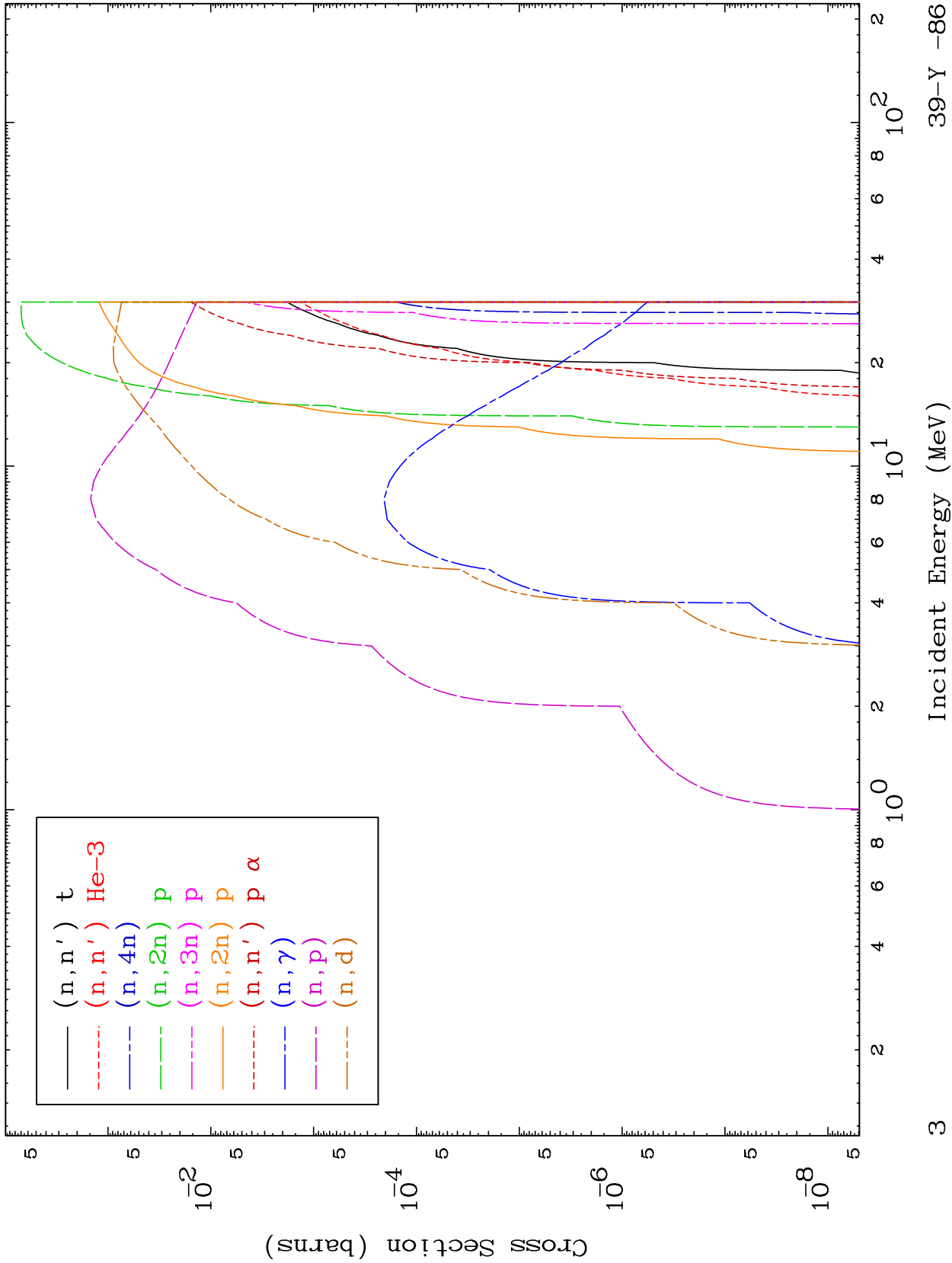
E.Mail:redcullen1@comcast.net

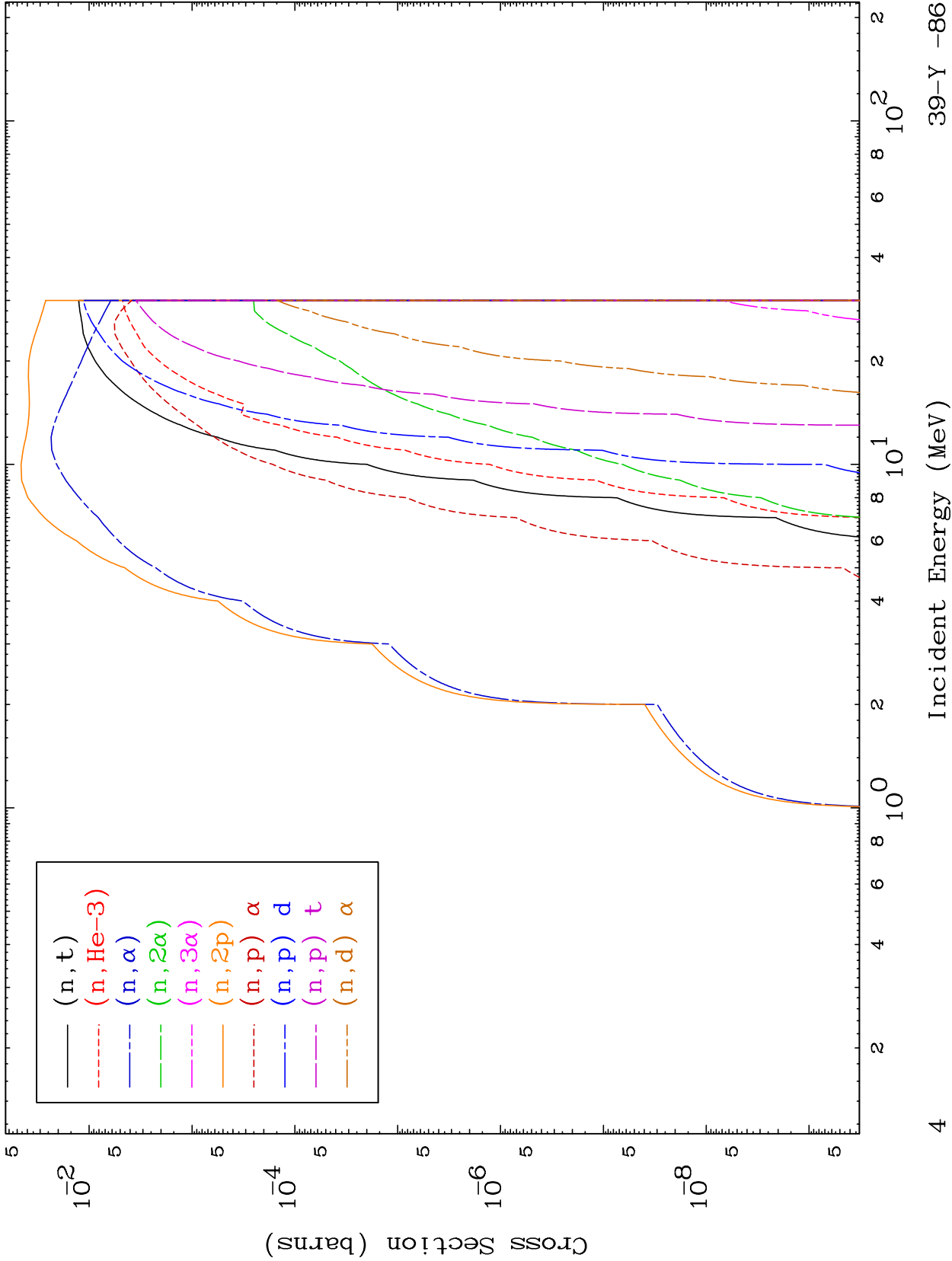
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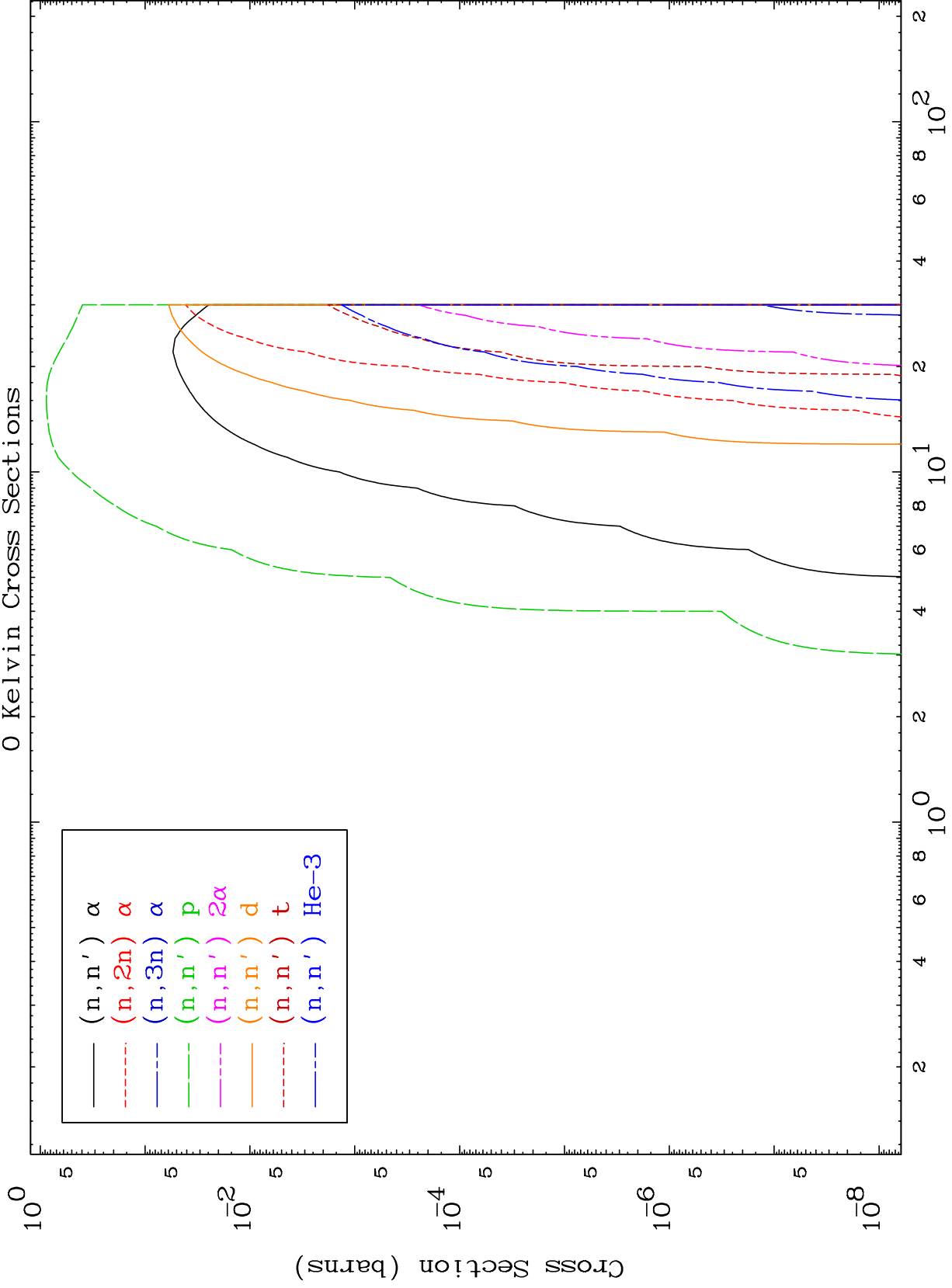
Press Mouse Button to Start

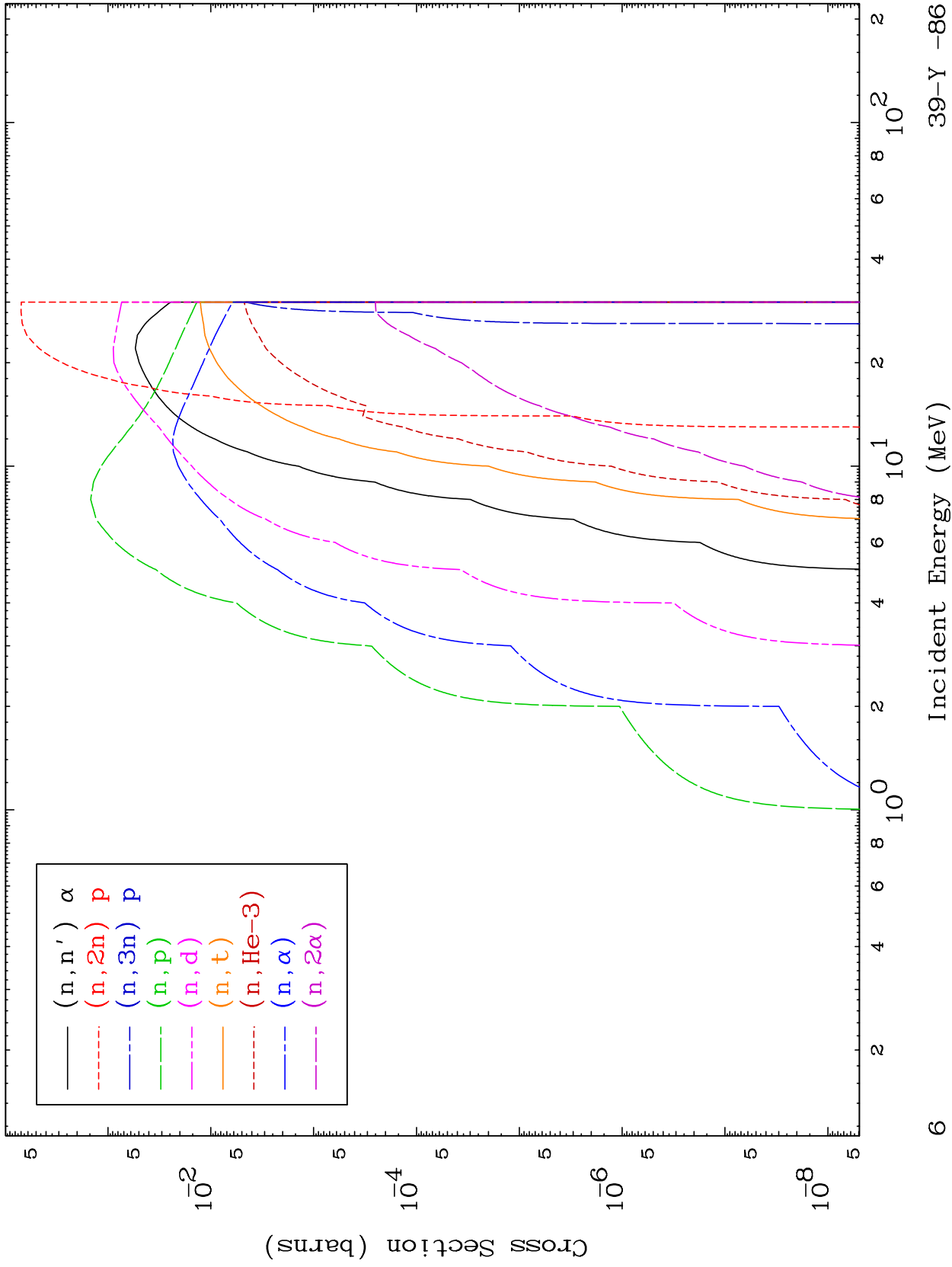


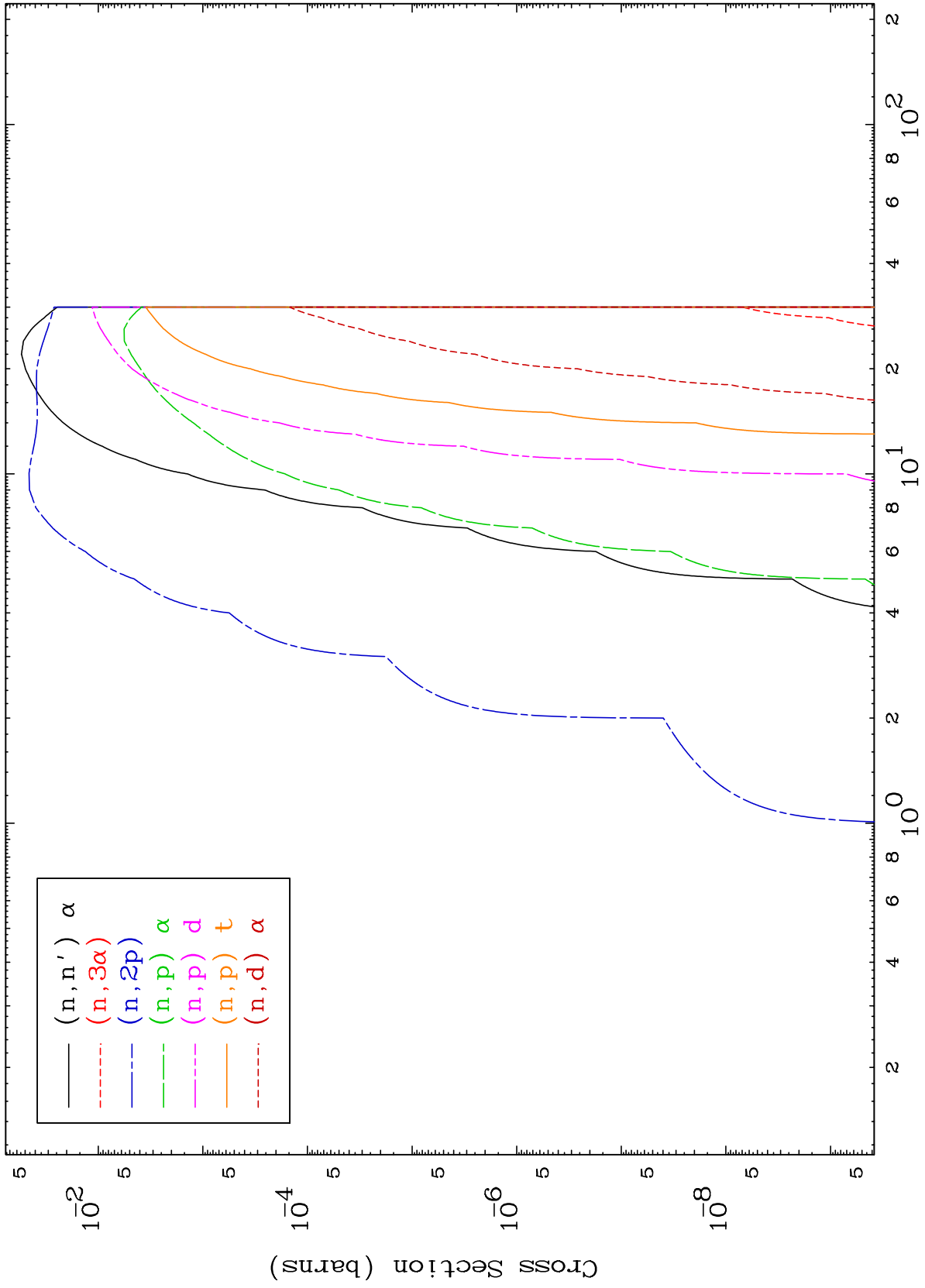




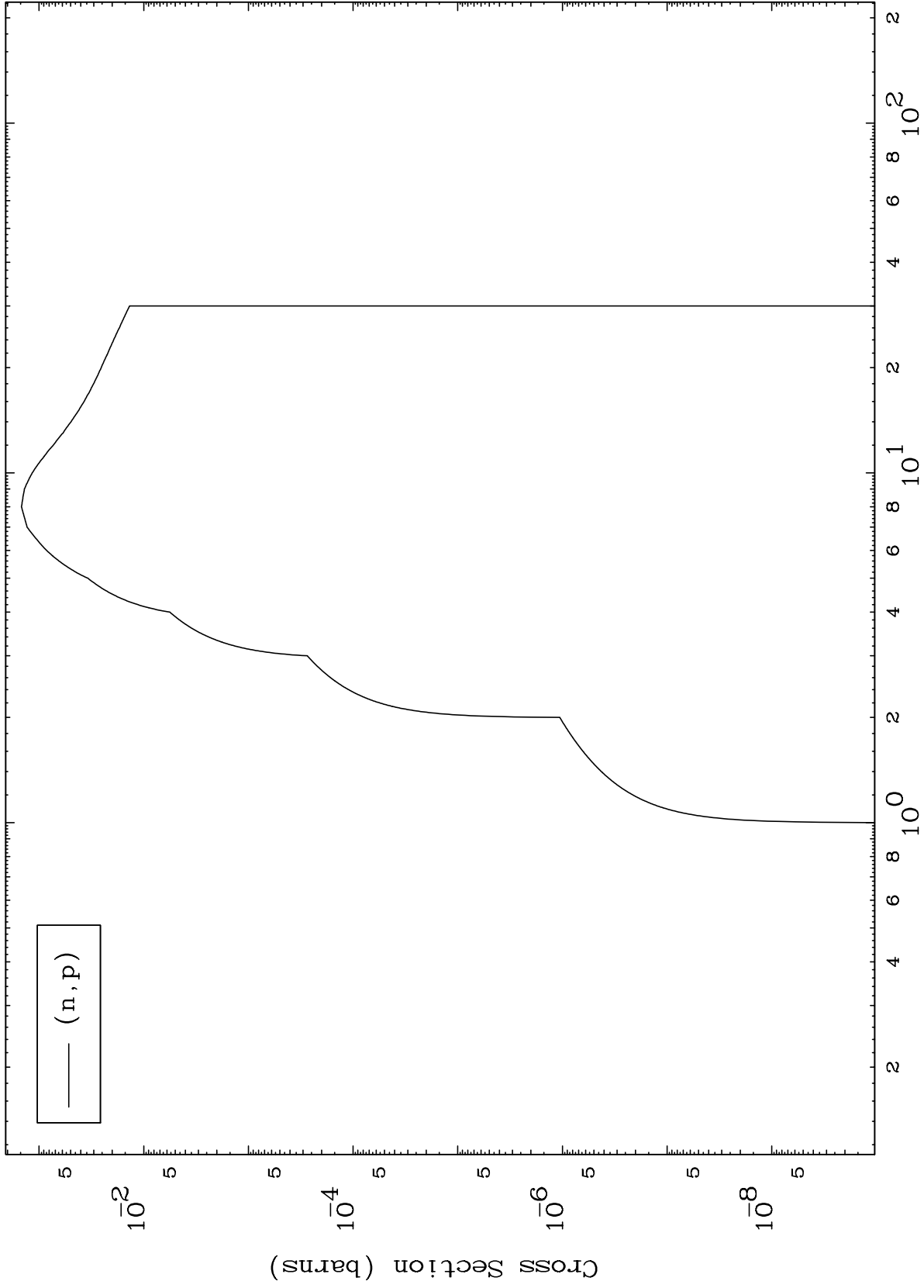


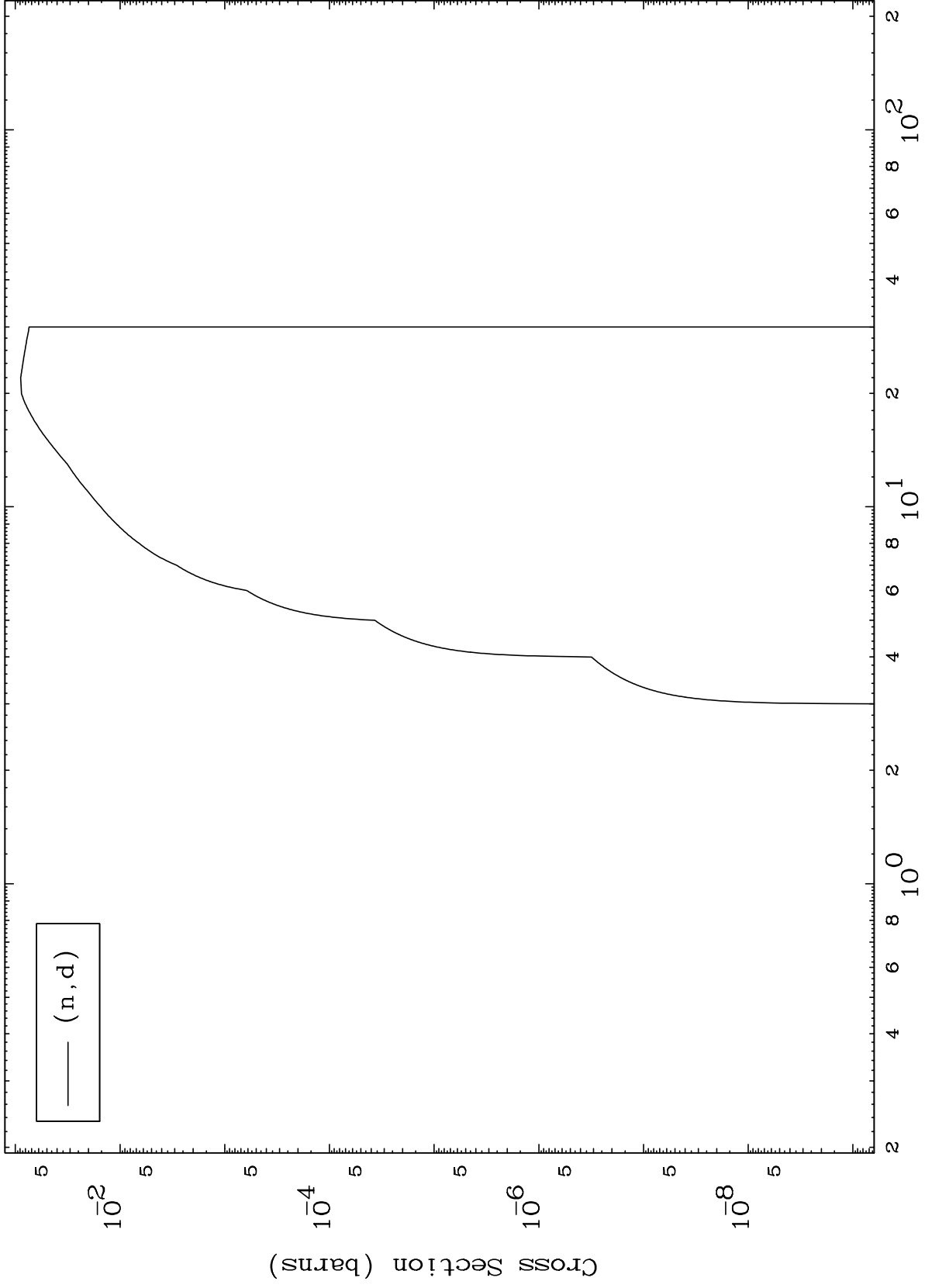




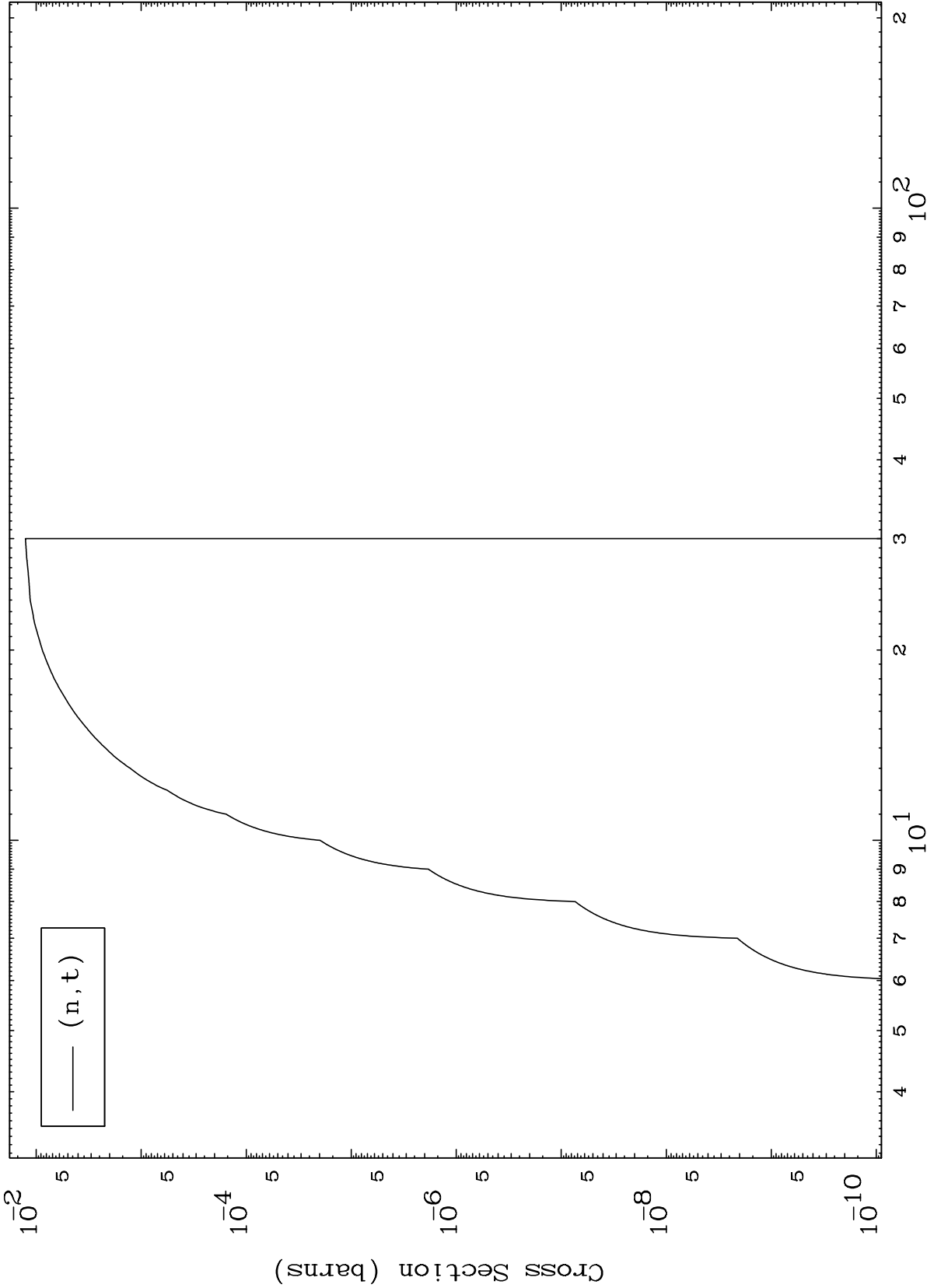


(d,p) Levels
0 Kelvin Cross Sections

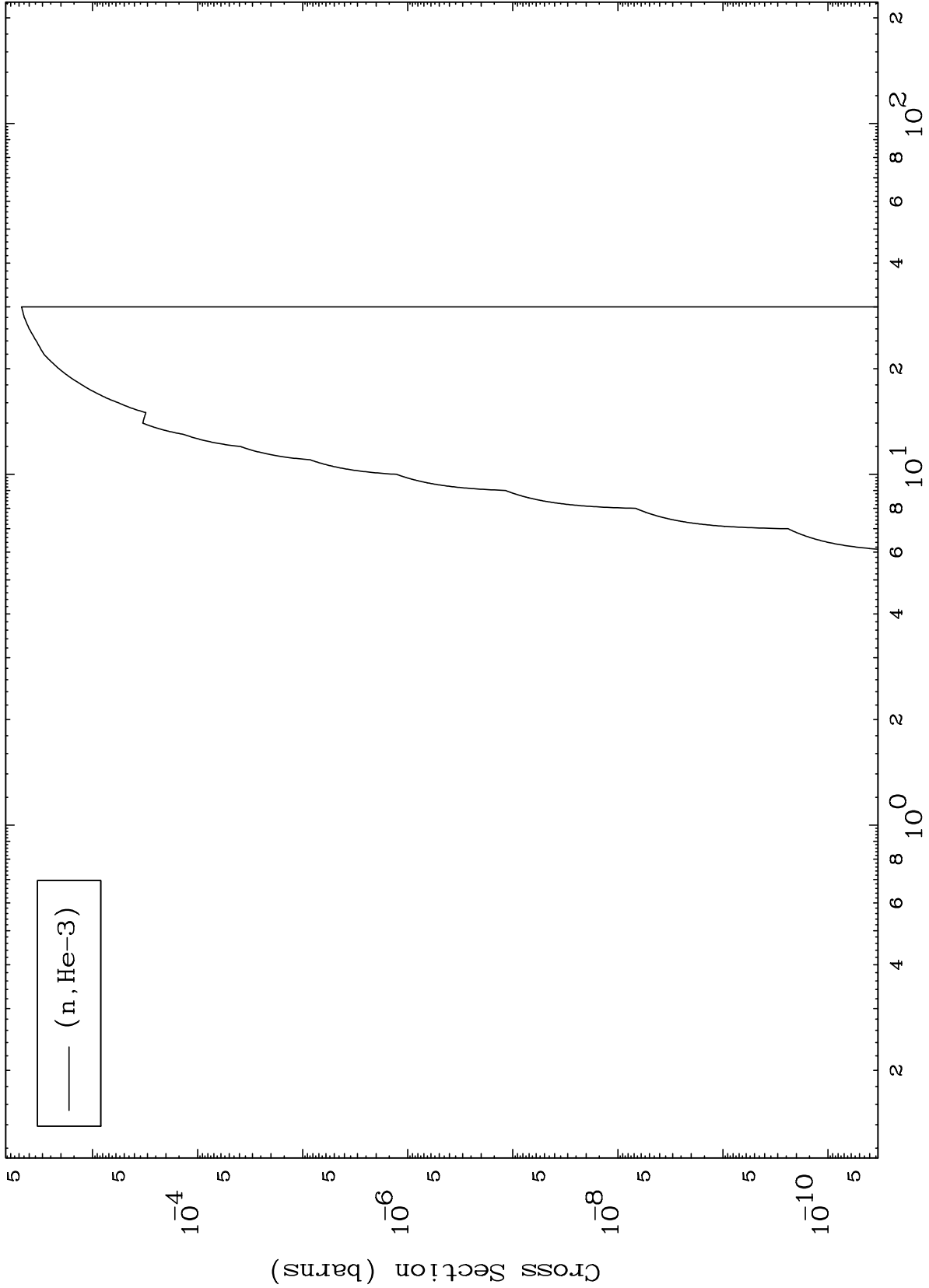


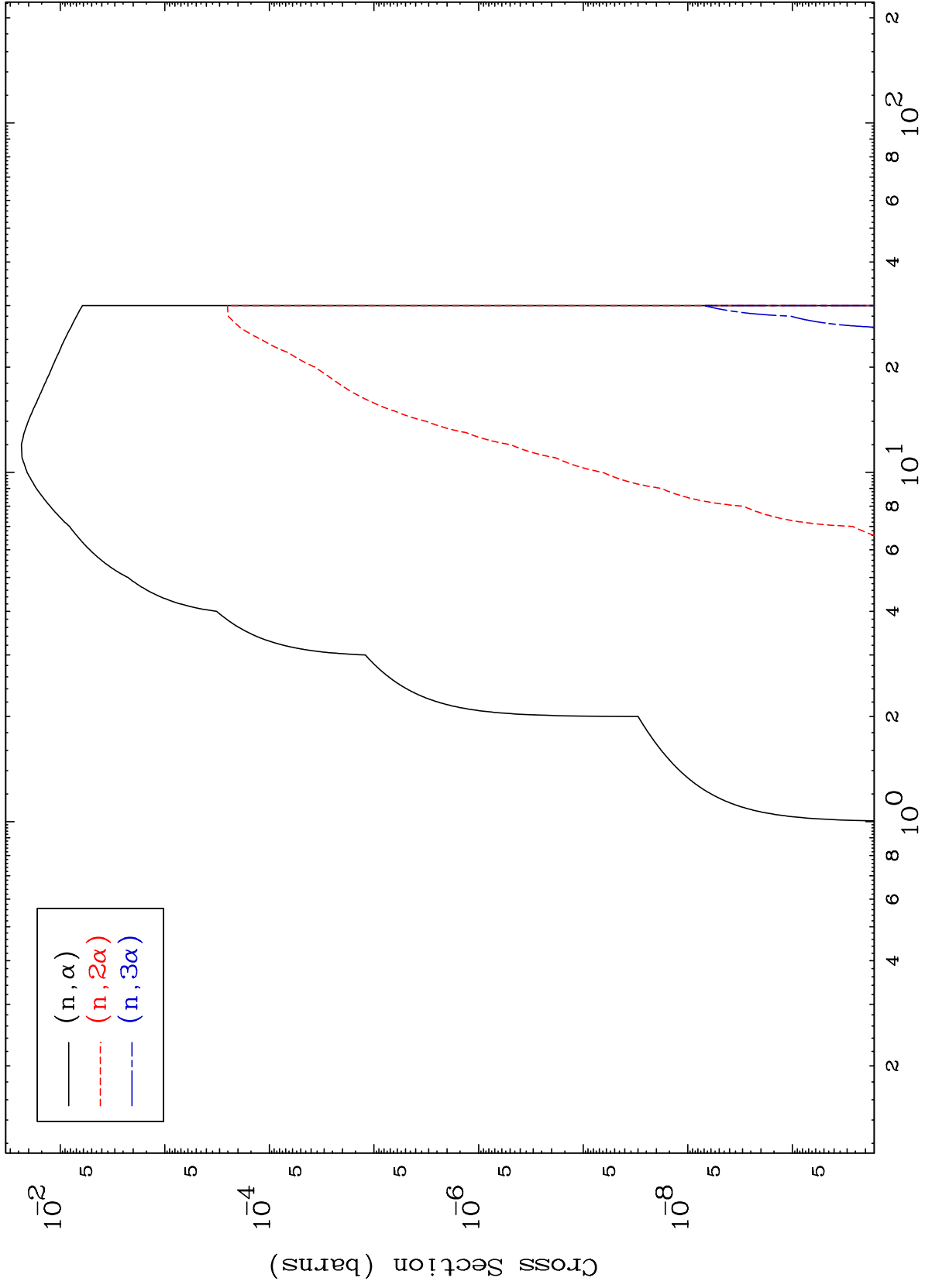


0 Kelvin Cross Sections

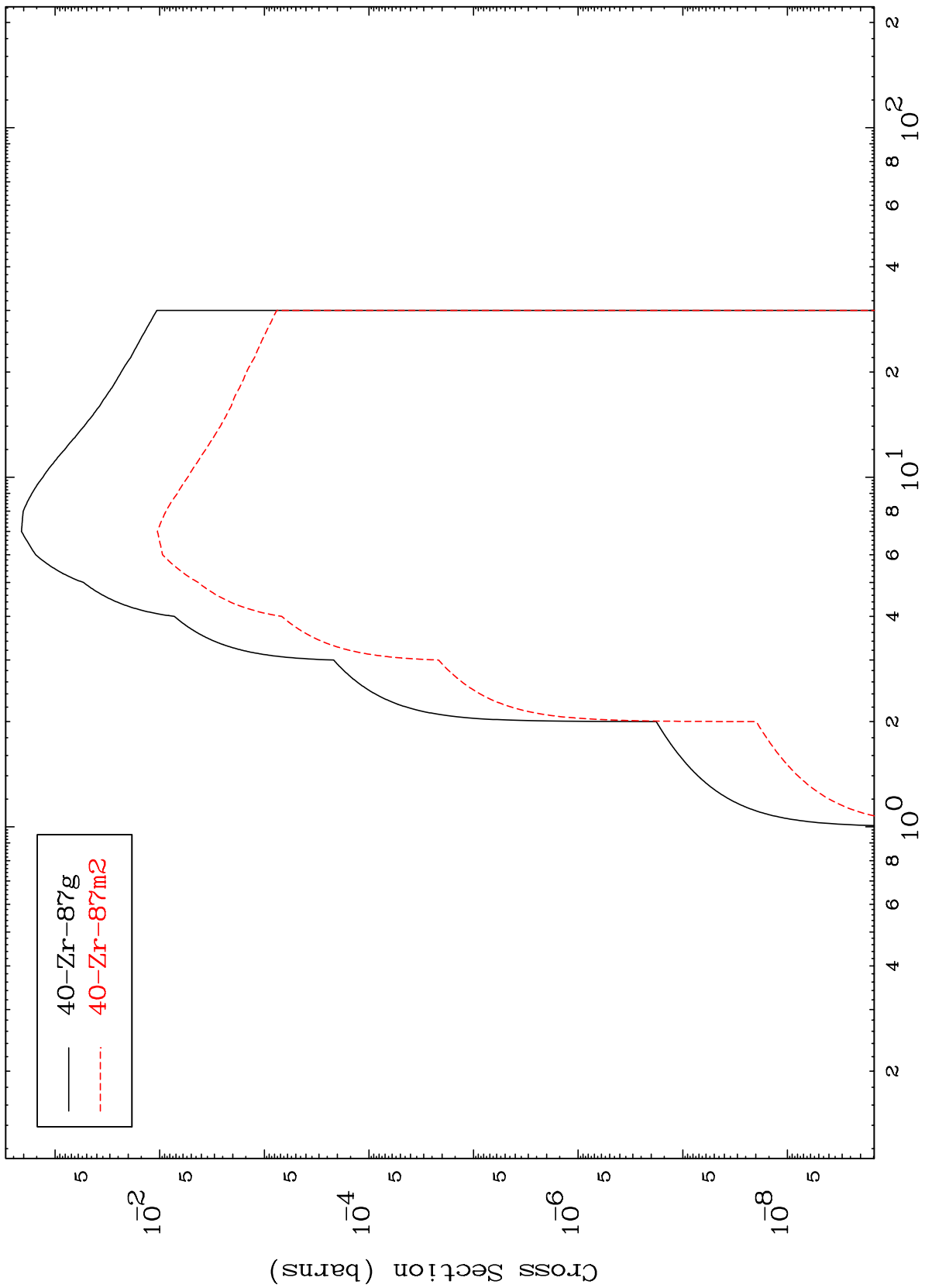


0 Kelvin Cross Sections



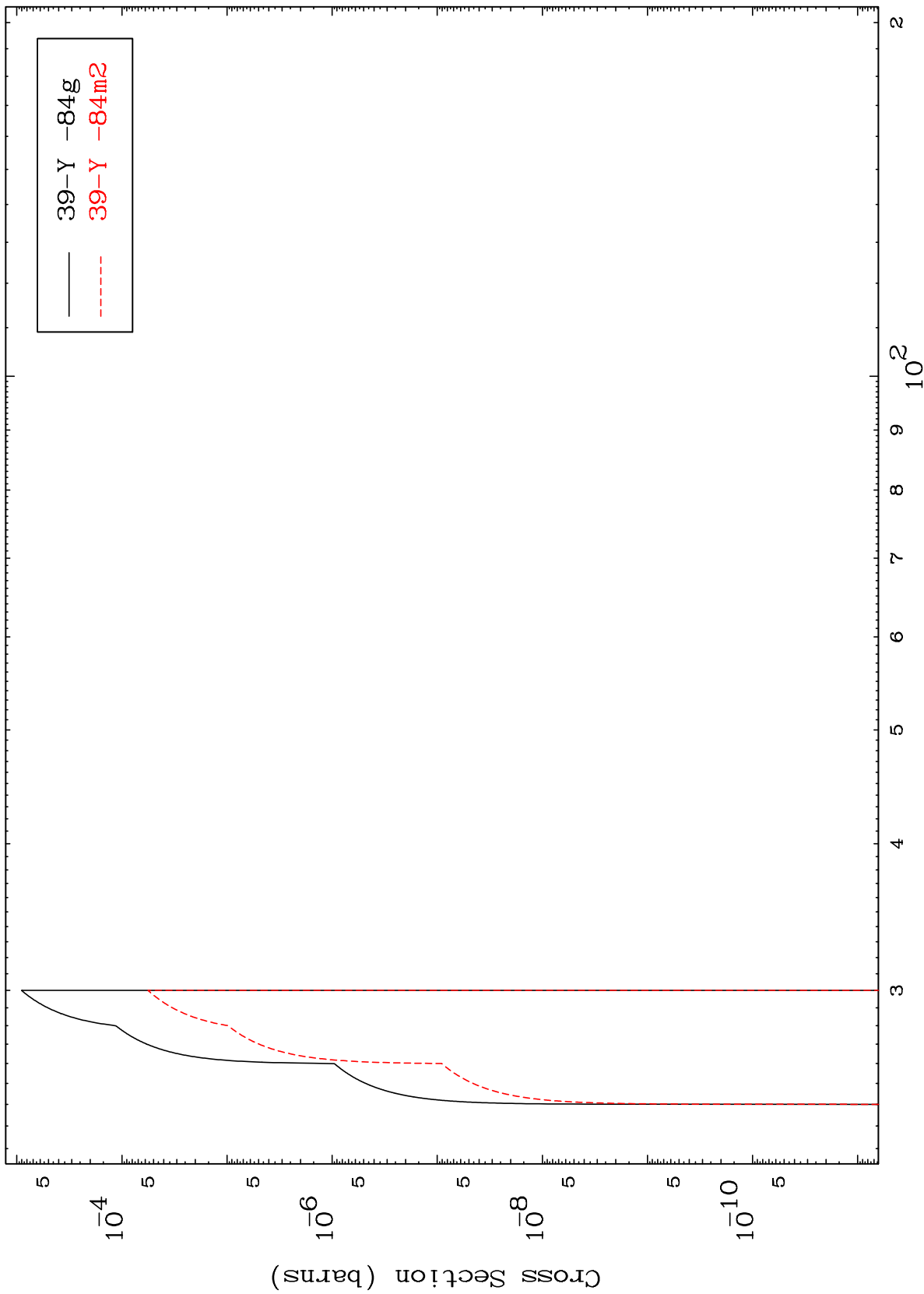


Inelastic
Radionuclide Production Cross Section

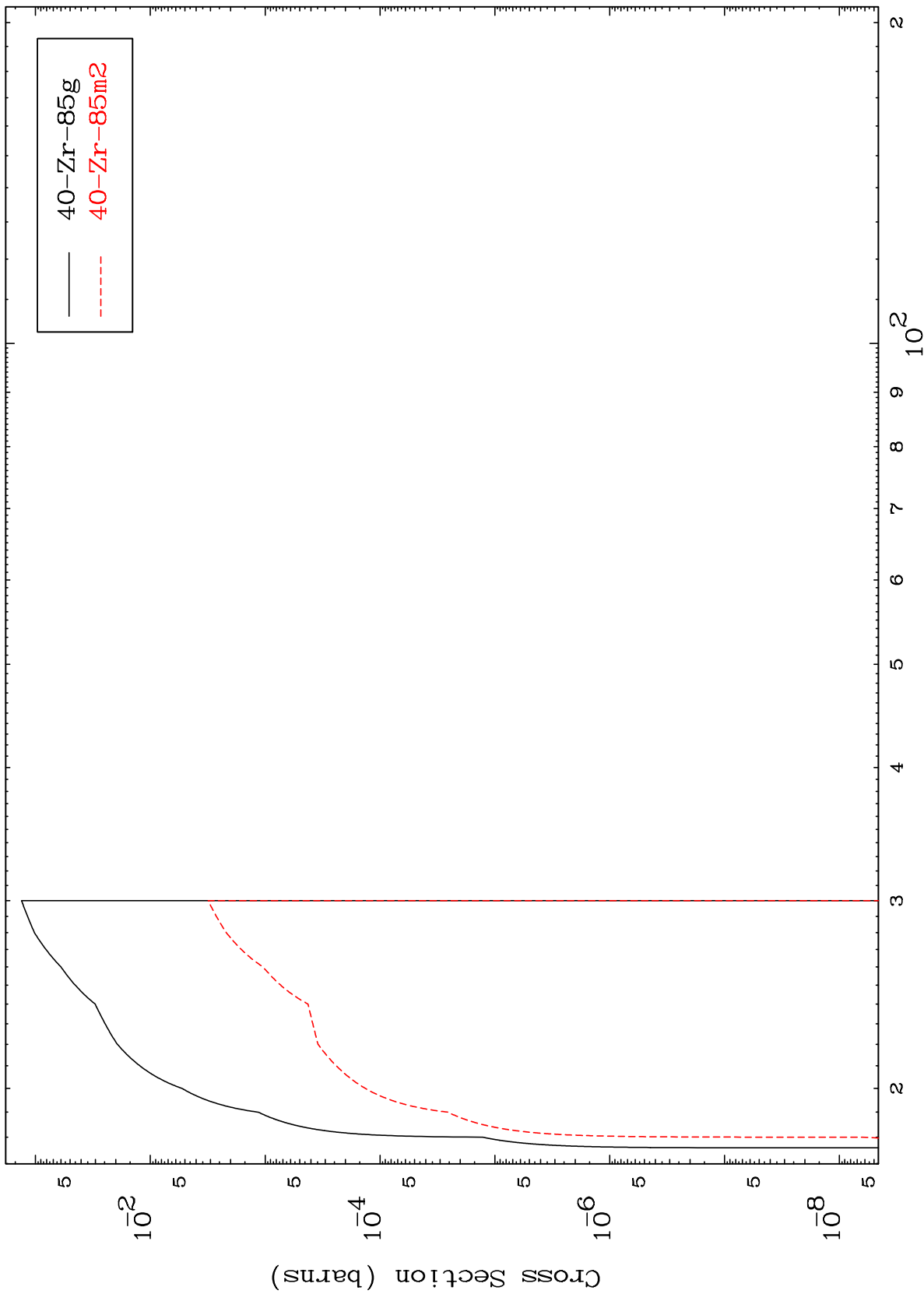


— 40-Zr-87g
- - - 40-Zr-87m2

Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

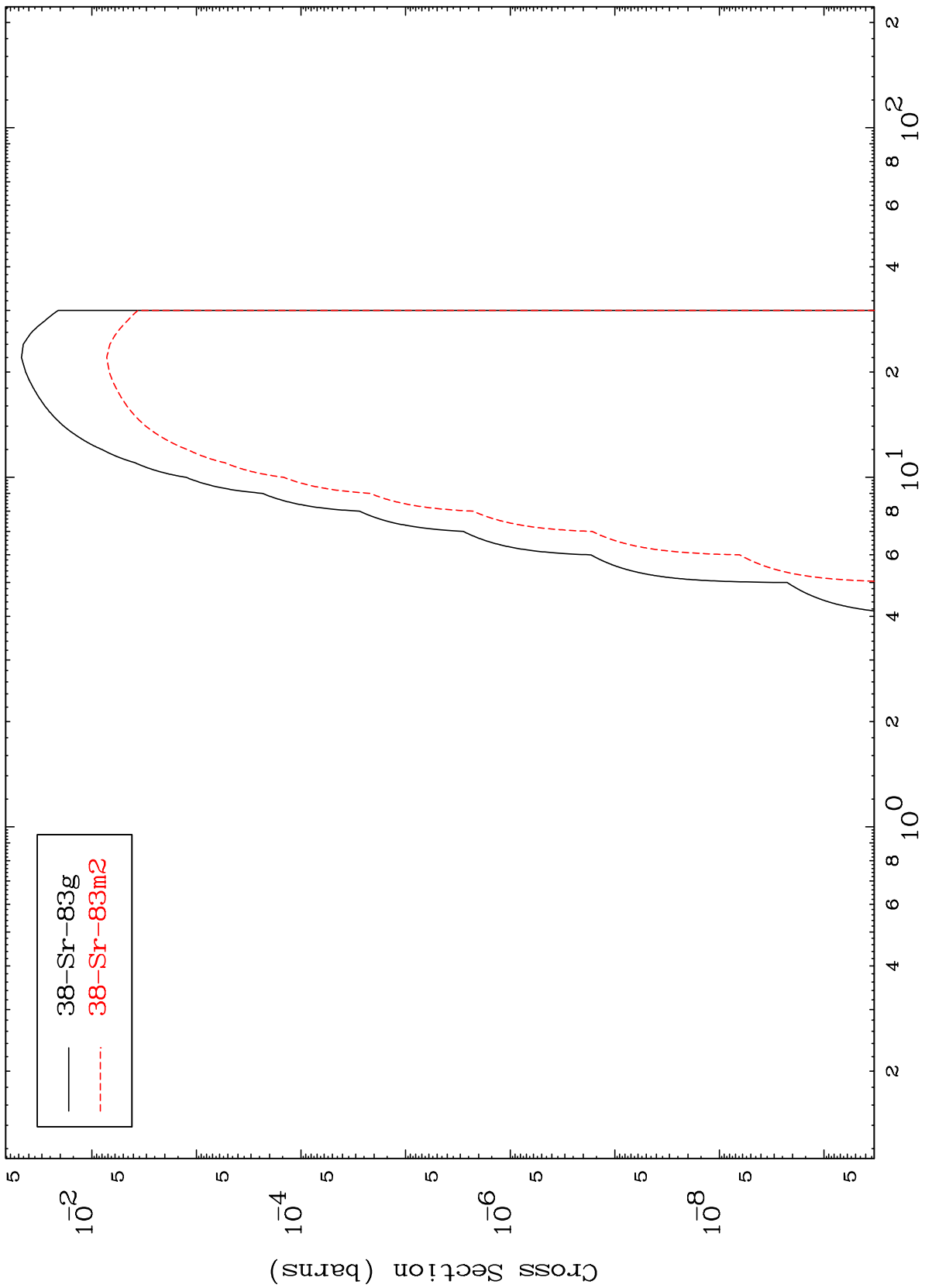


MAT 3916

(n, n') α

39-Y -86

Radionuclide Production Cross Section

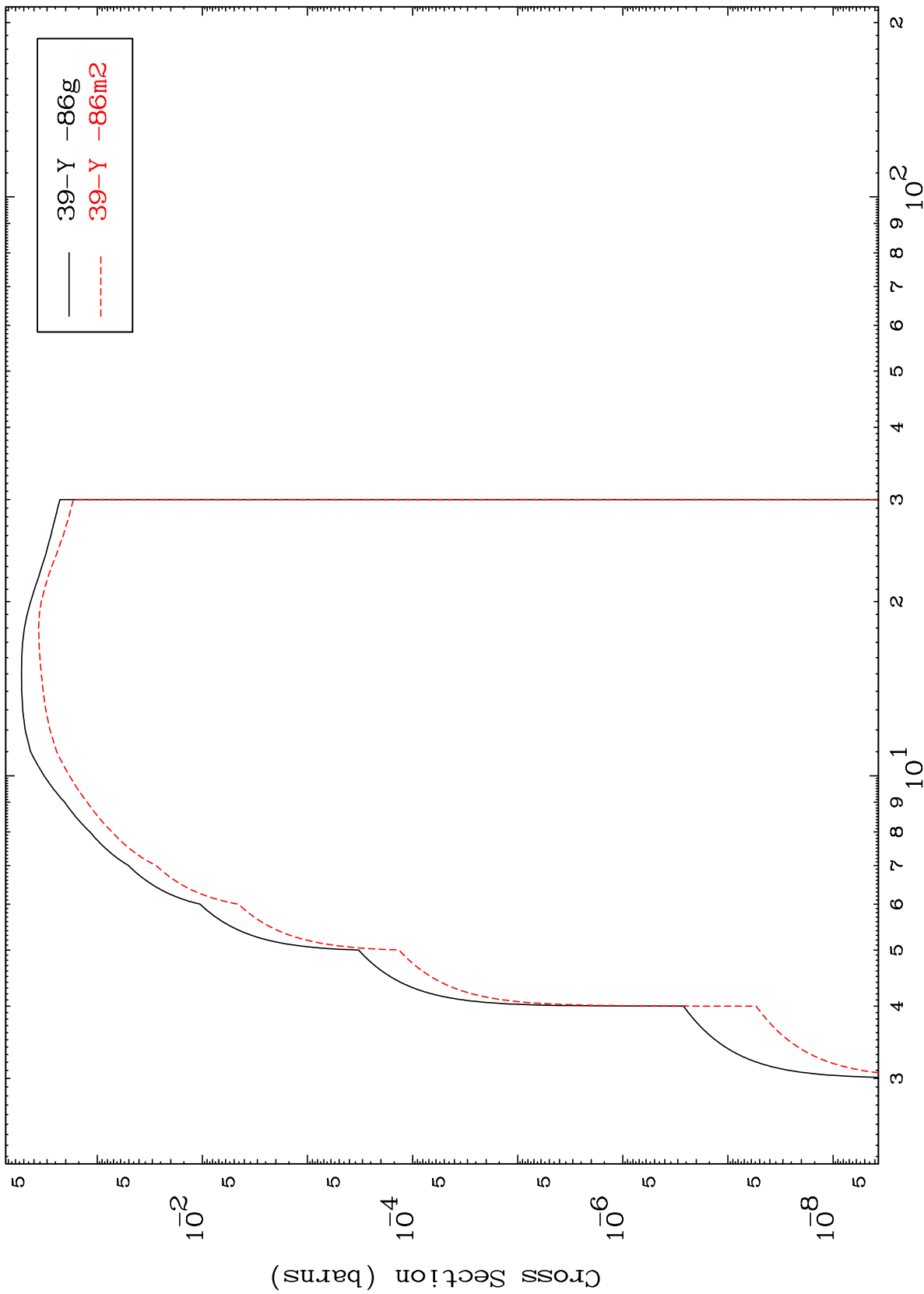


16

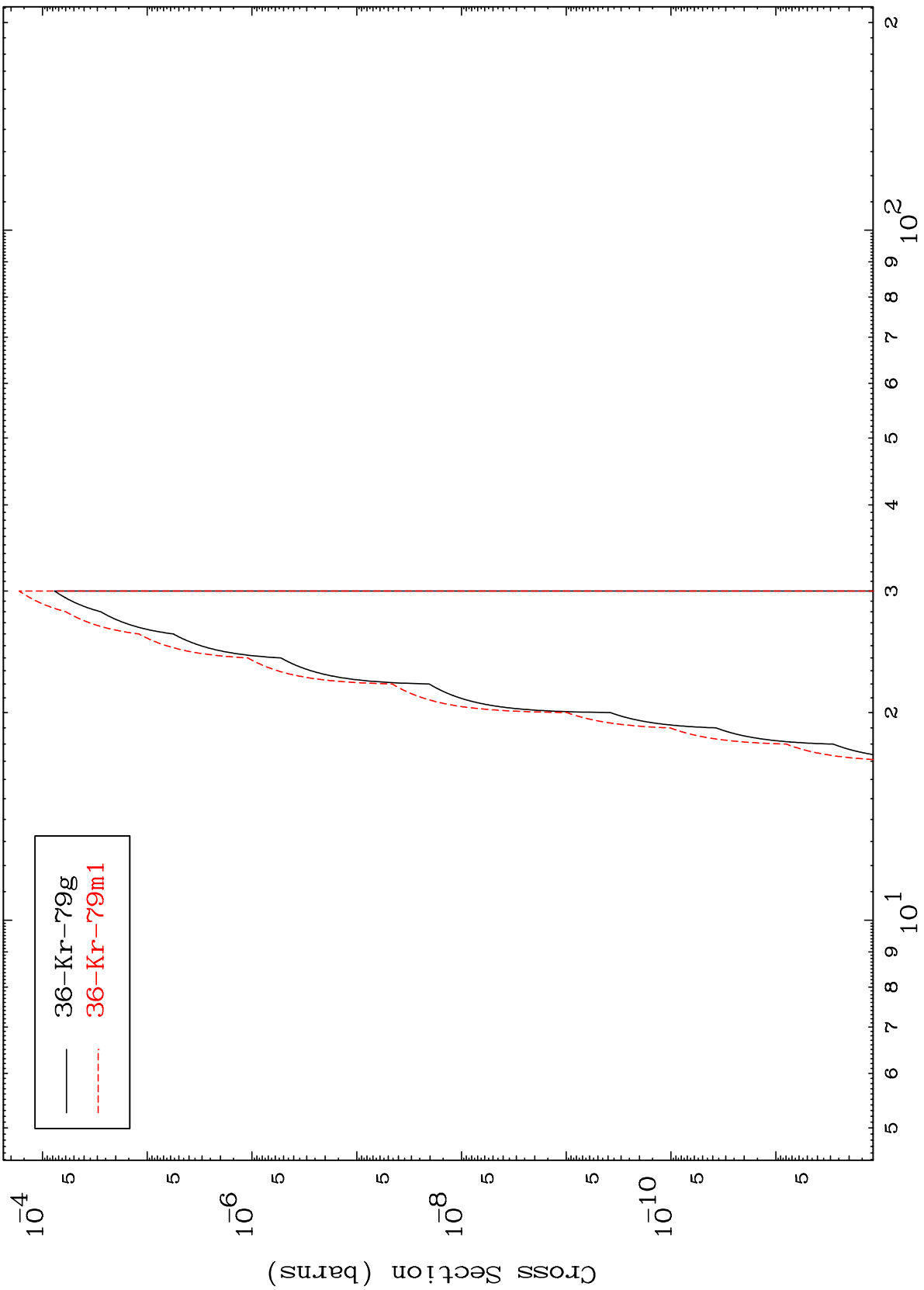
Incident Energy (MeV)

39-Y -86

(n,n') p
Radionuclide Production Cross Section



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

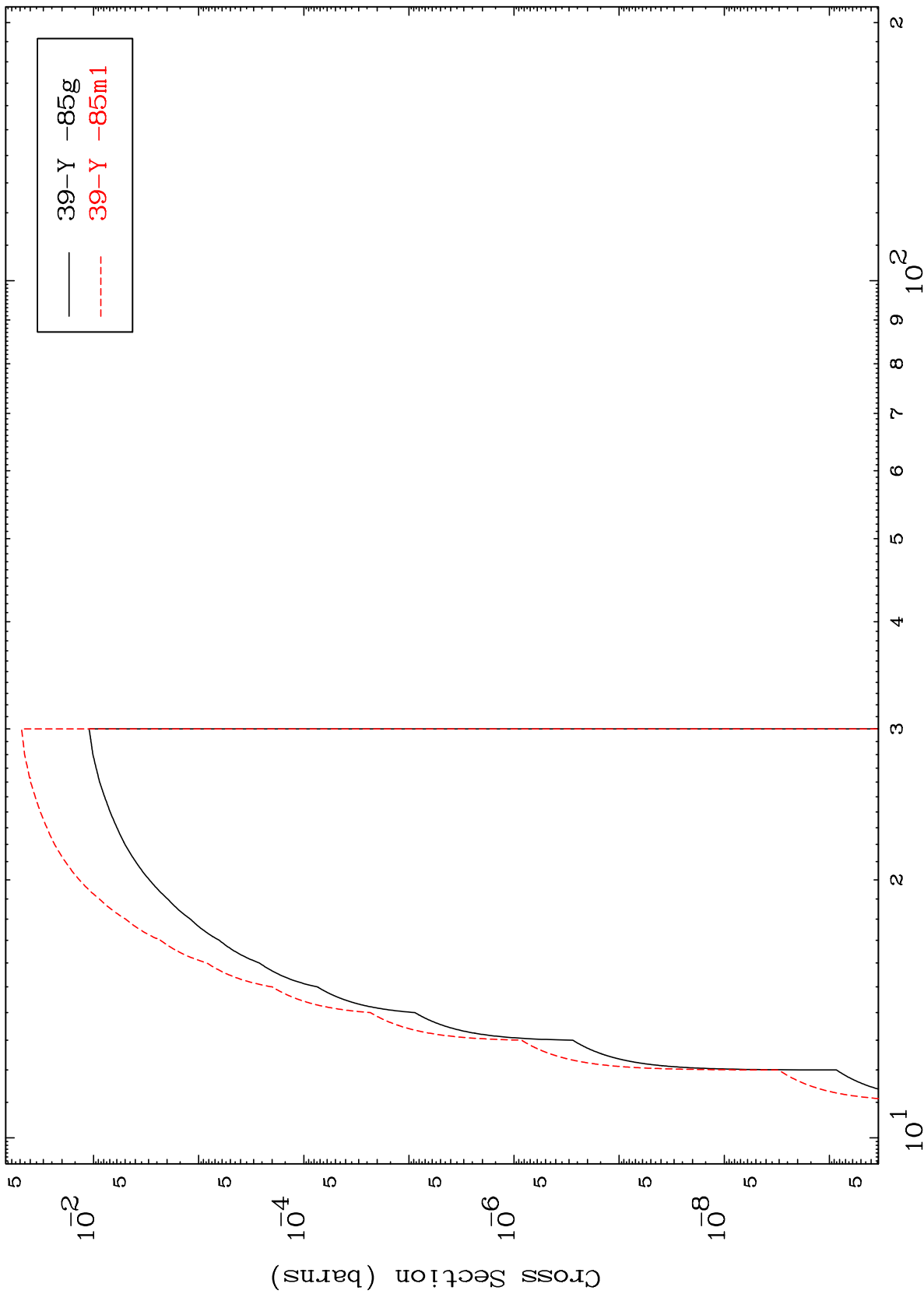


MAT 3916

(n,n') d

39-Y -86

Radionuclide Production Cross Section



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

10¹

Incident Energy (MeV)

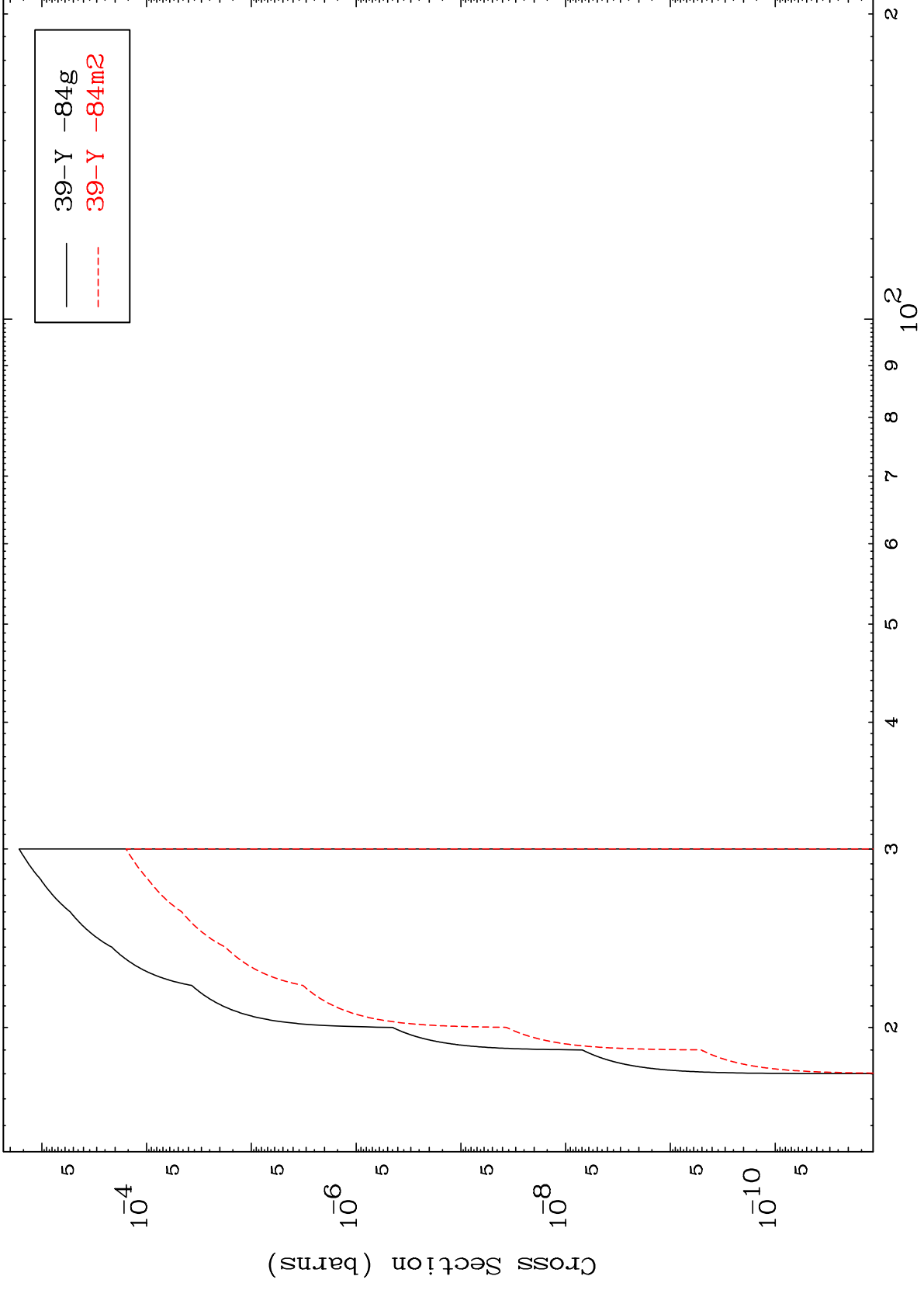
39-Y -86

MAT 3916

(n,n') t

39-Y -86

Radionuclide Production Cross Section

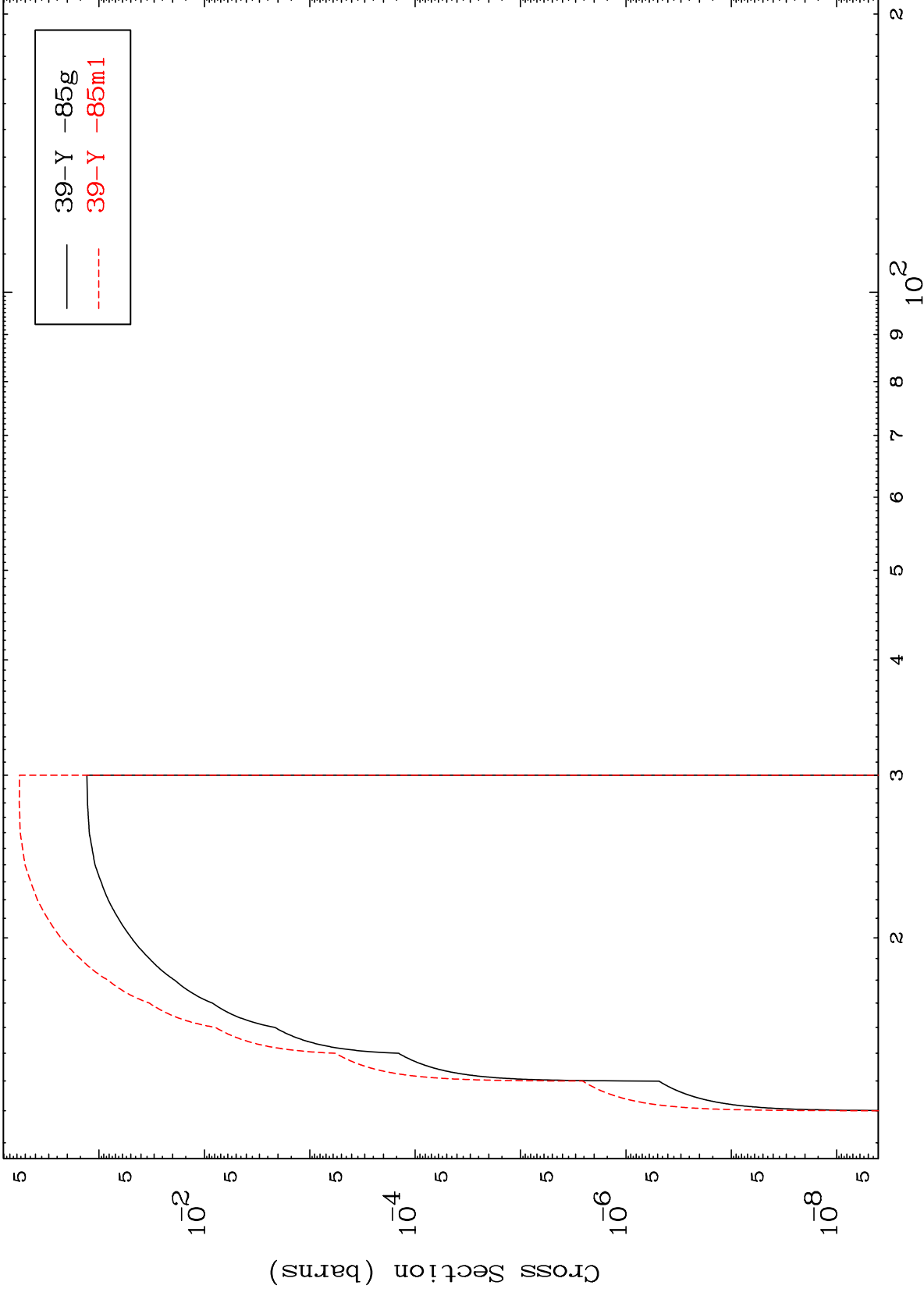


20

Incident Energy (MeV)

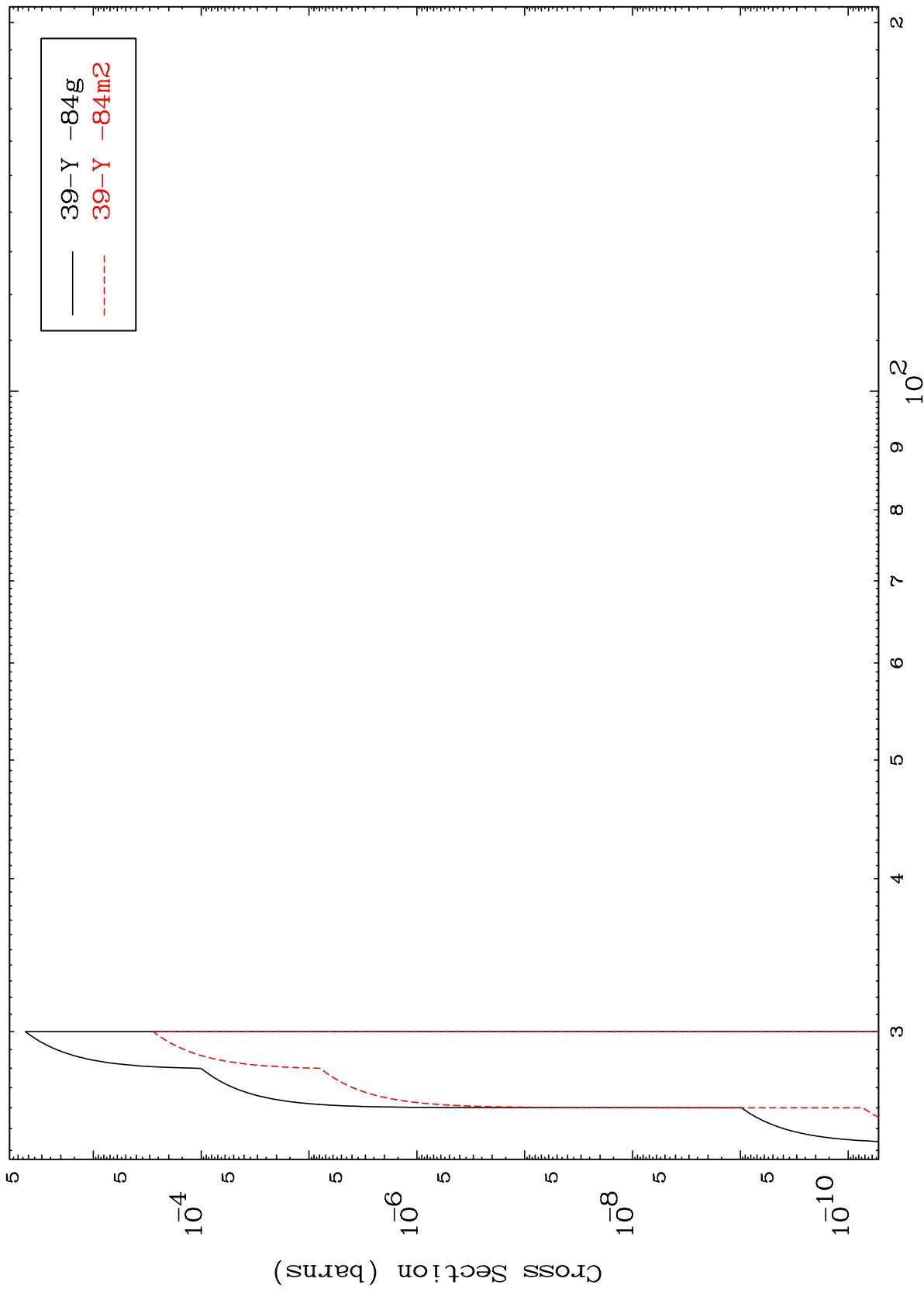
39-Y -86

Radionuclide Production Cross Section



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

Radionuclide Production Cross Section



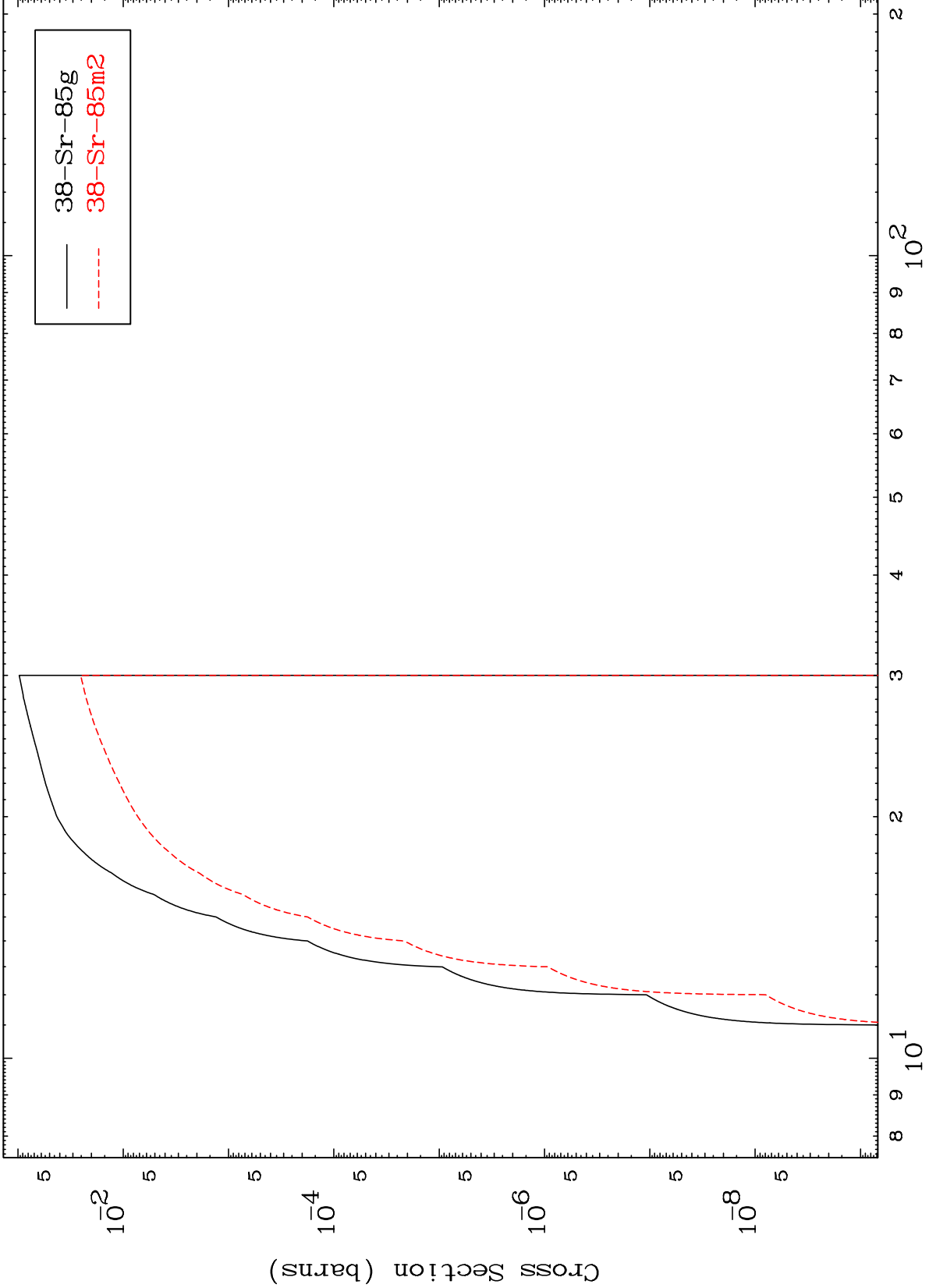
39-Y -84g
39-Y -84m2

MAT 3916

(n,2n) p

39-Y -86

Radionuclide Production Cross Section



23

Incident Energy (MeV)

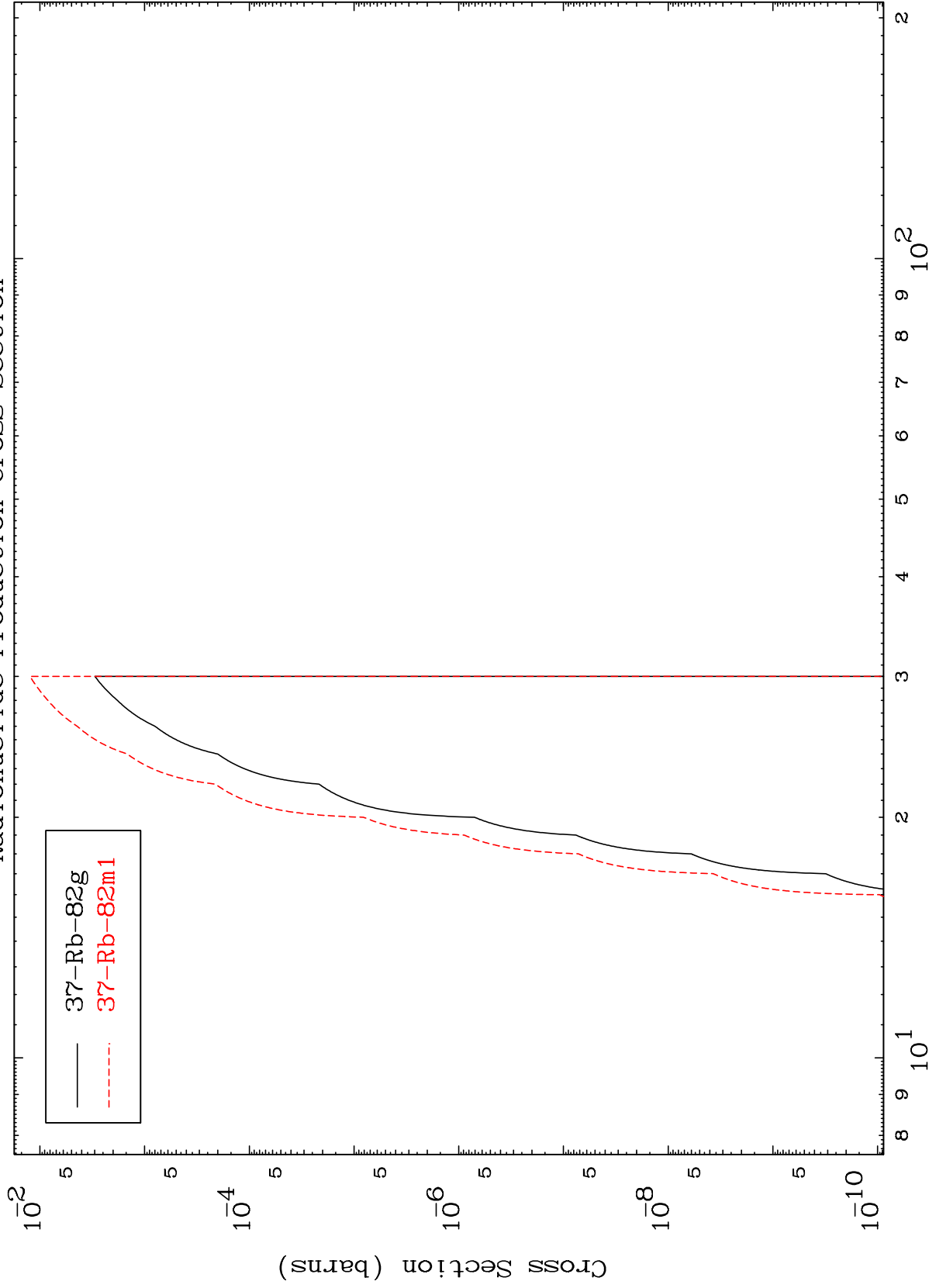
39-Y -86

MAT 3916

(n,n') p α

39-Y -86

Radionuclide Production Cross Section



24

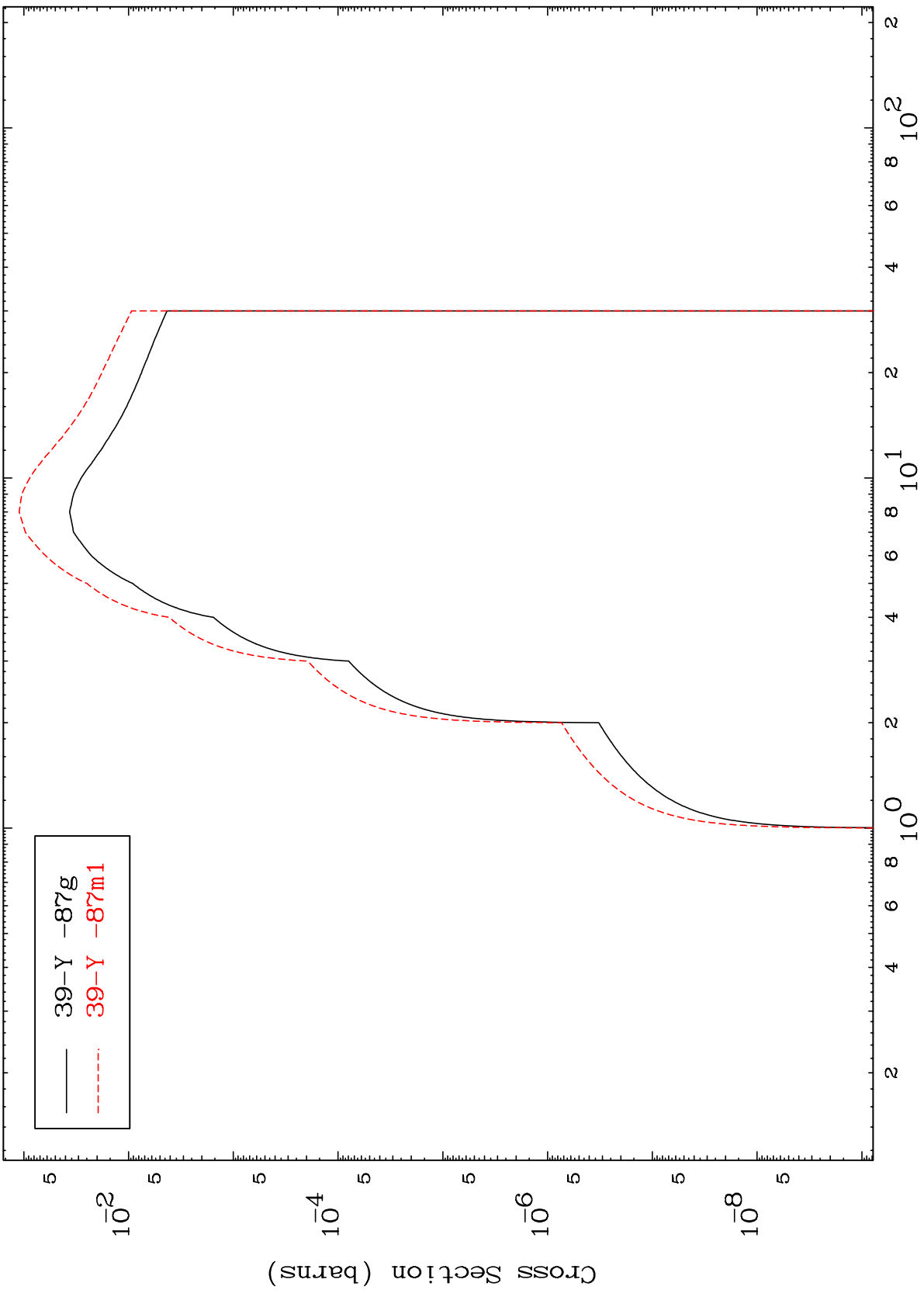
Incident Energy (MeV)

39-Y -86

MAT 3916

39-Y -86

(n,p)
Radionuclide Production Cross Section

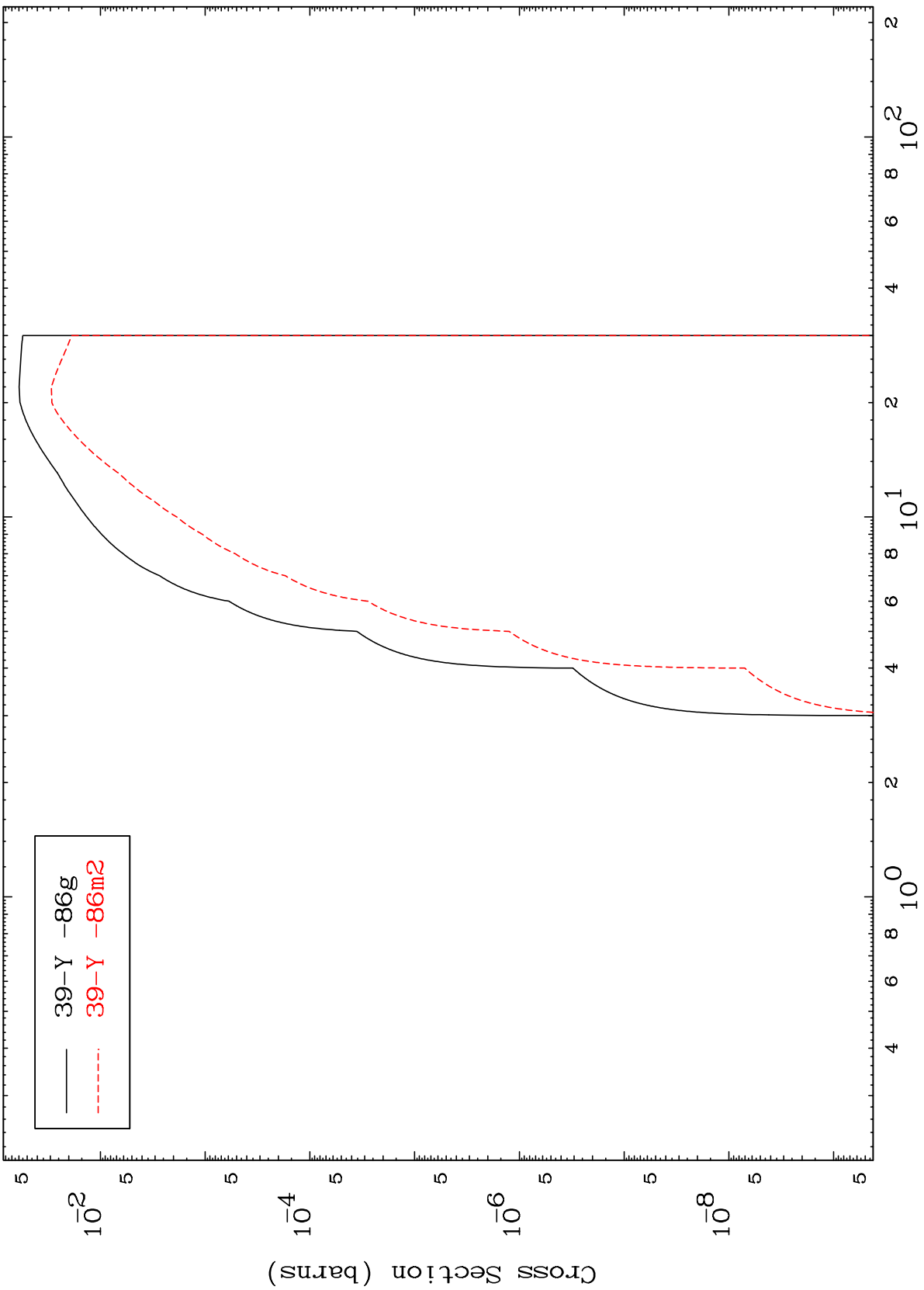


25

39-Y -86

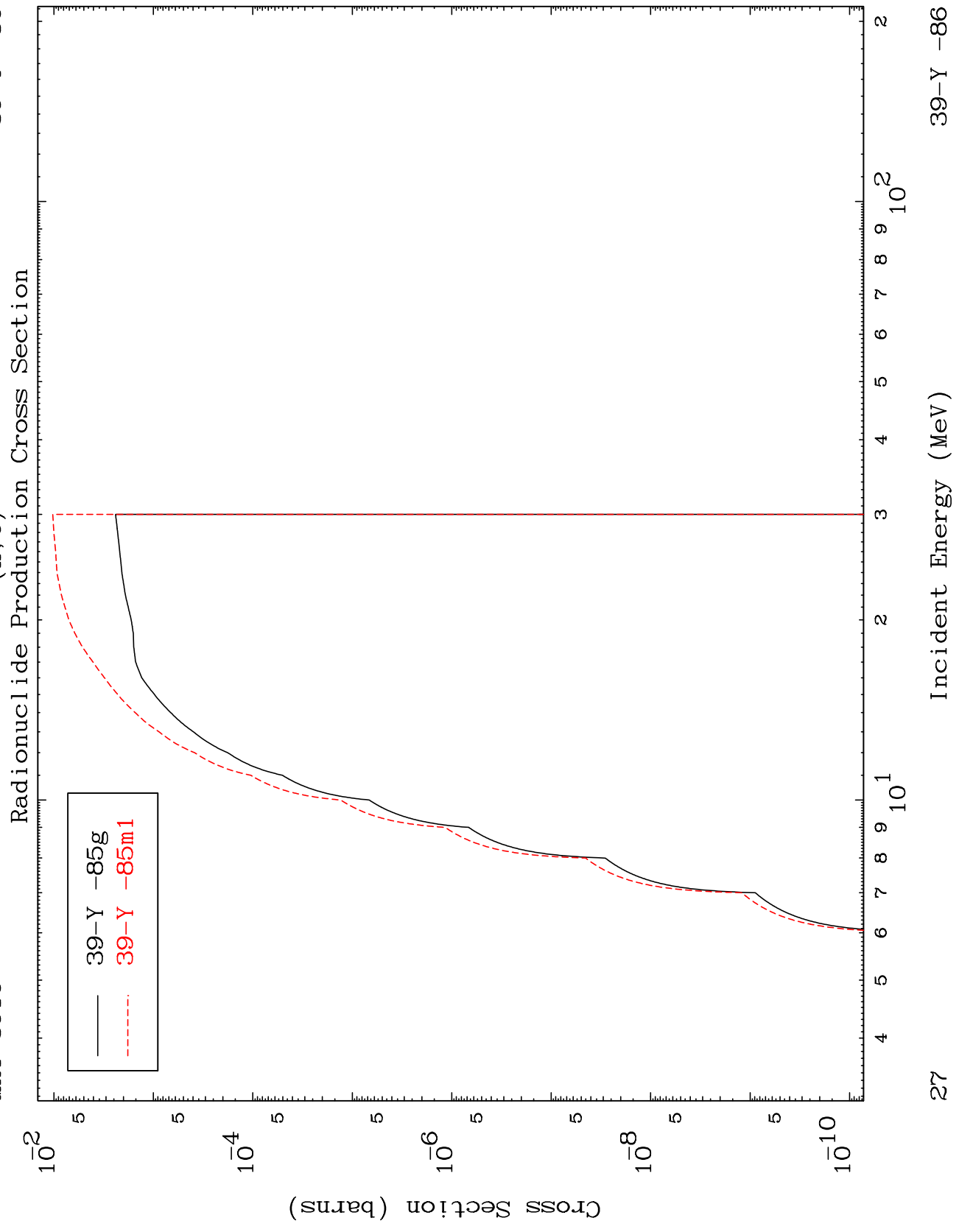
Incident Energy (MeV)

(n,d)
Radionuclide Production Cross Section



MAT 3916

39-Y -86

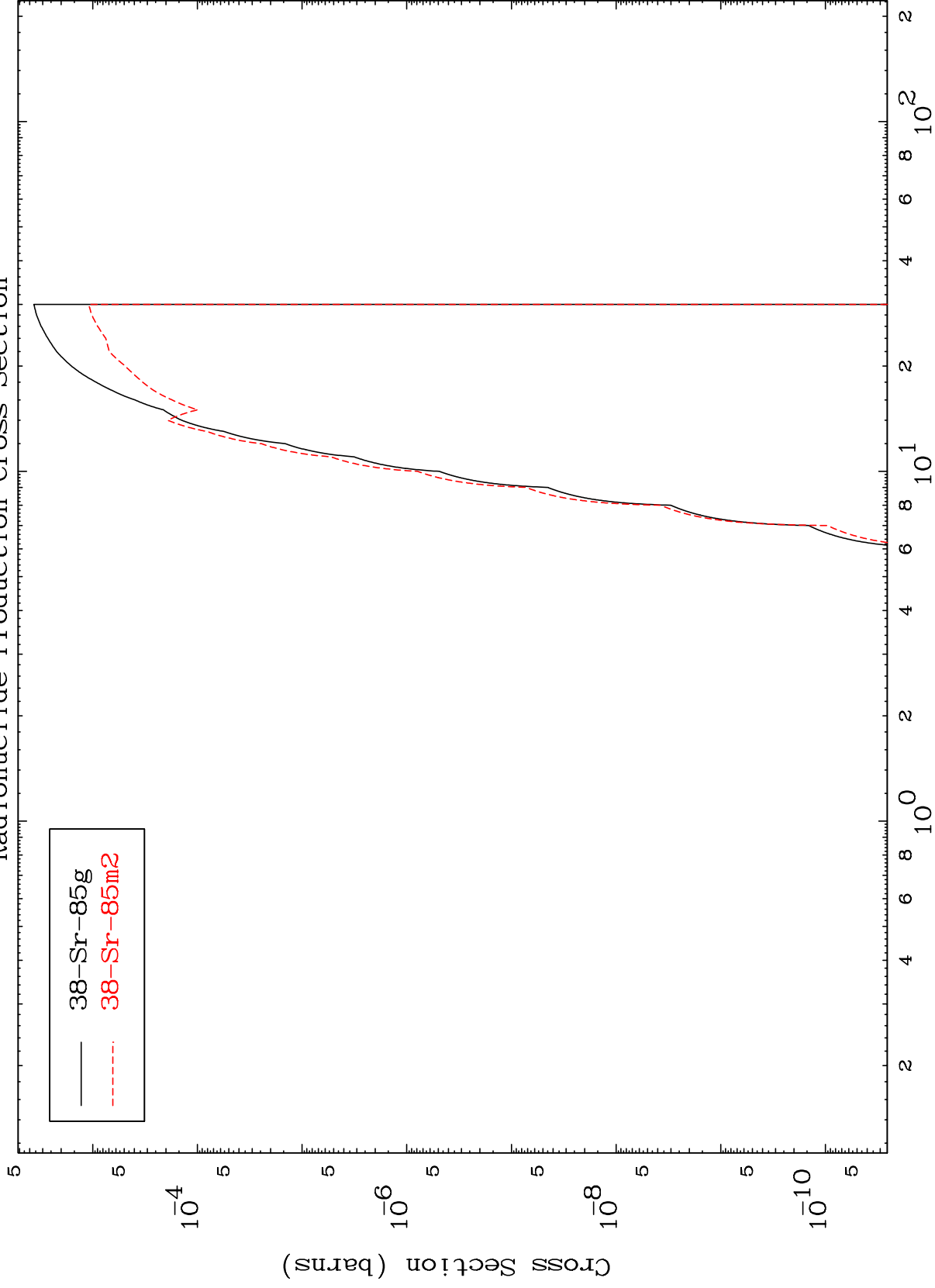


MAT 3916

(n,He-3)

39-Y -86

Radionuclide Production Cross Section



28

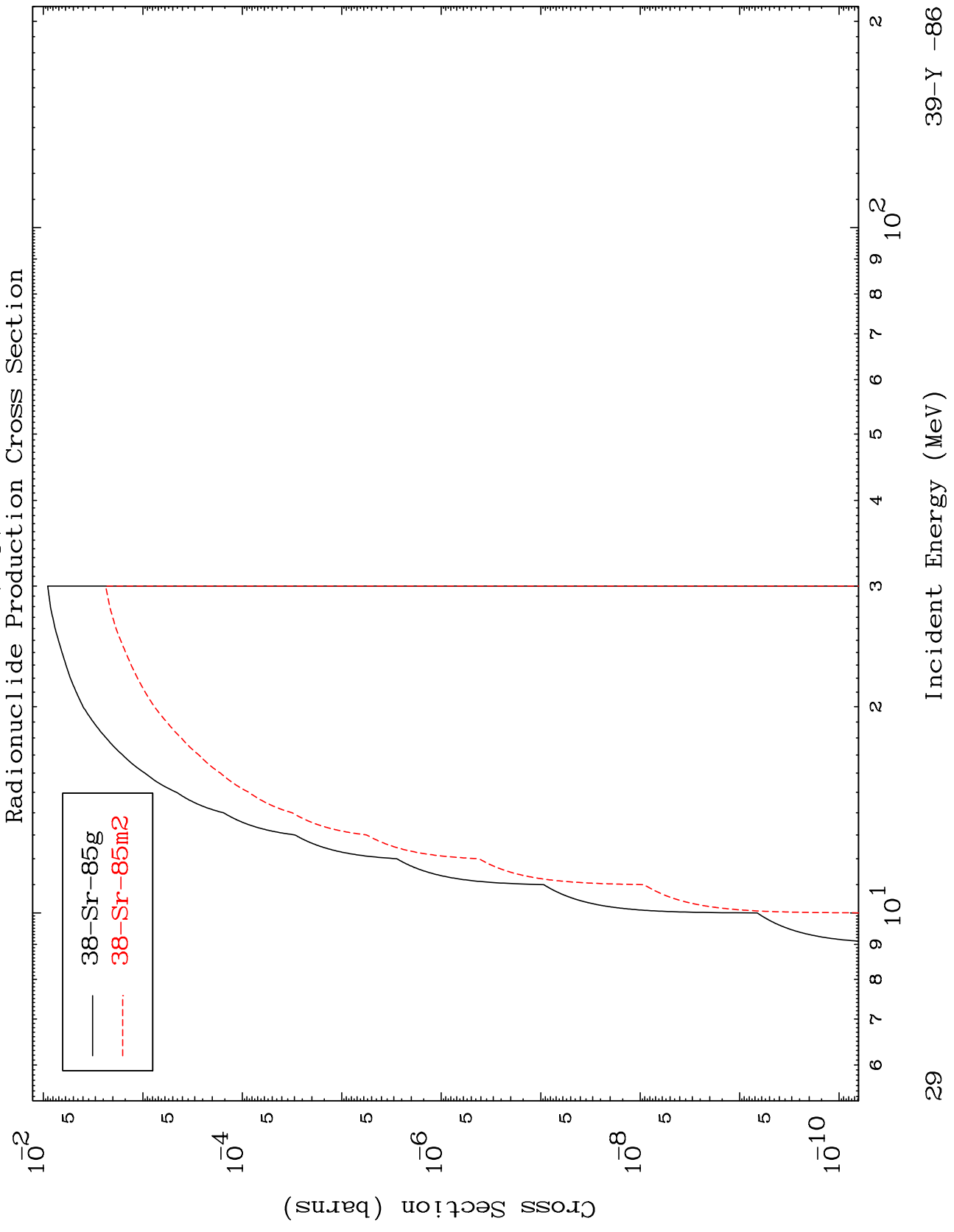
Incident Energy (MeV)

39-Y -86

MAT 3916

(n,p) d

39-Y -86



29

39-Y -86

MAT 3916

(n,d) α

39-Y -86

