

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

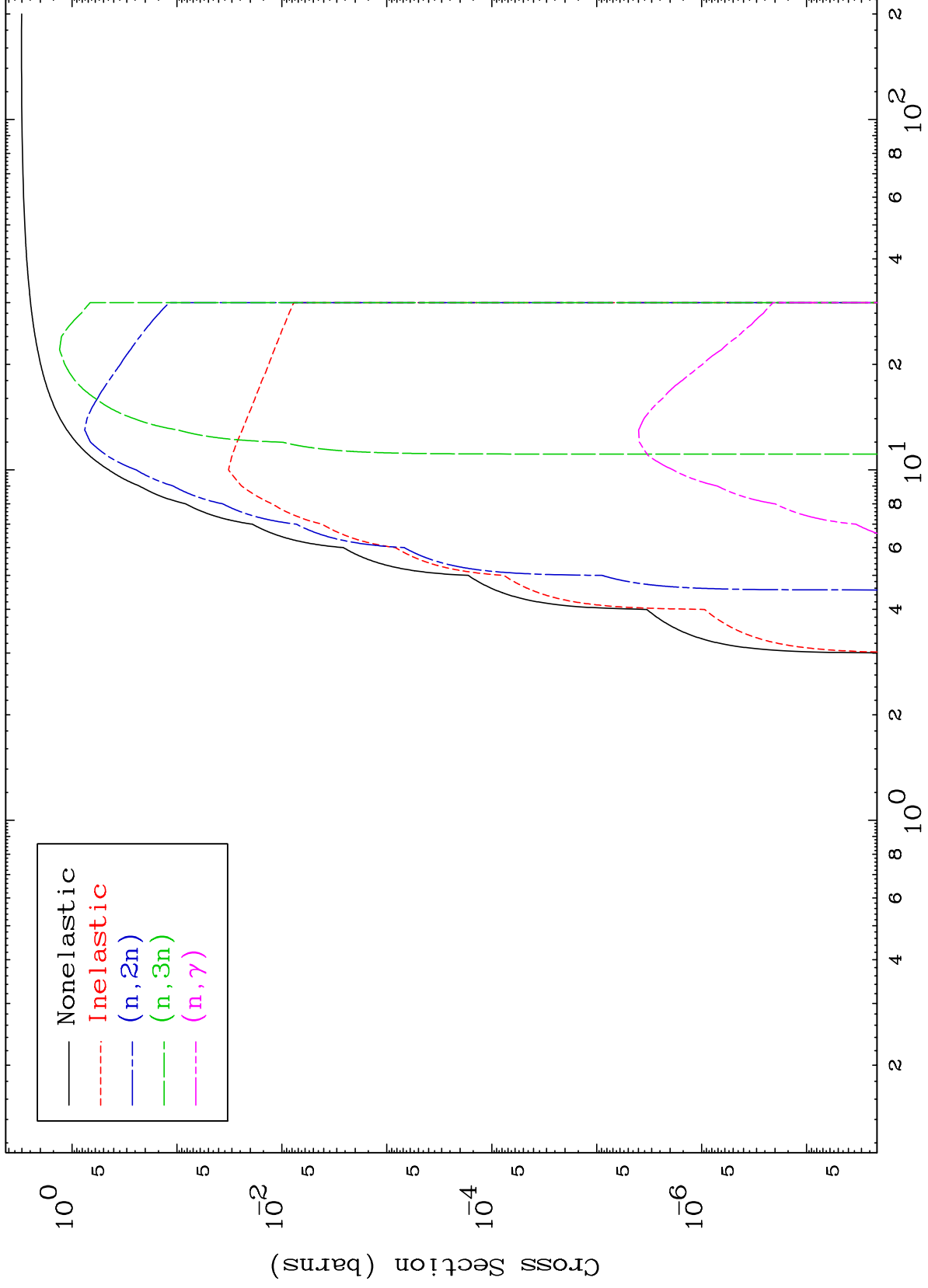
Dermott E. Cullen
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Livermore, CA 94550
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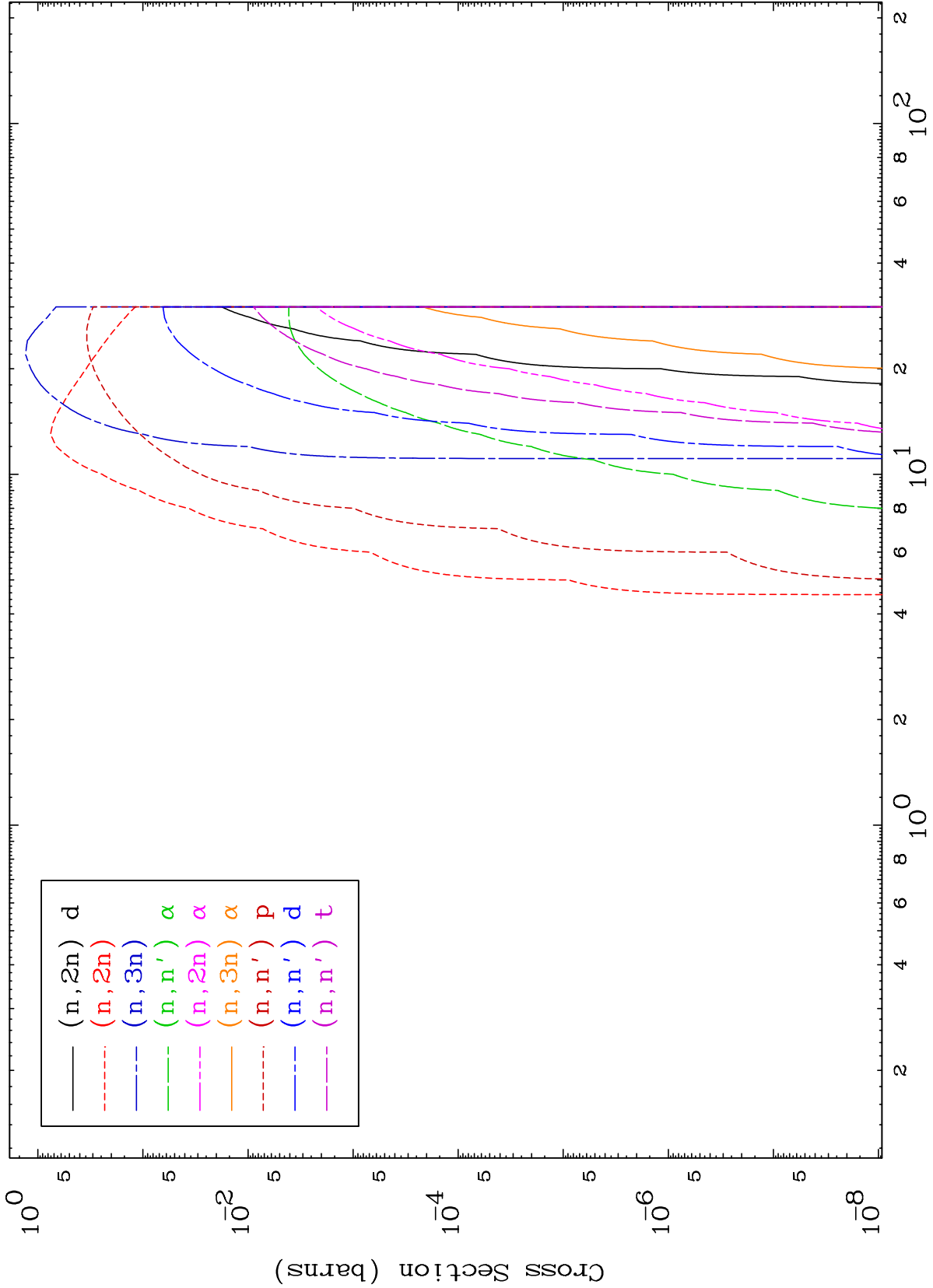
Tele: 925-443-1911

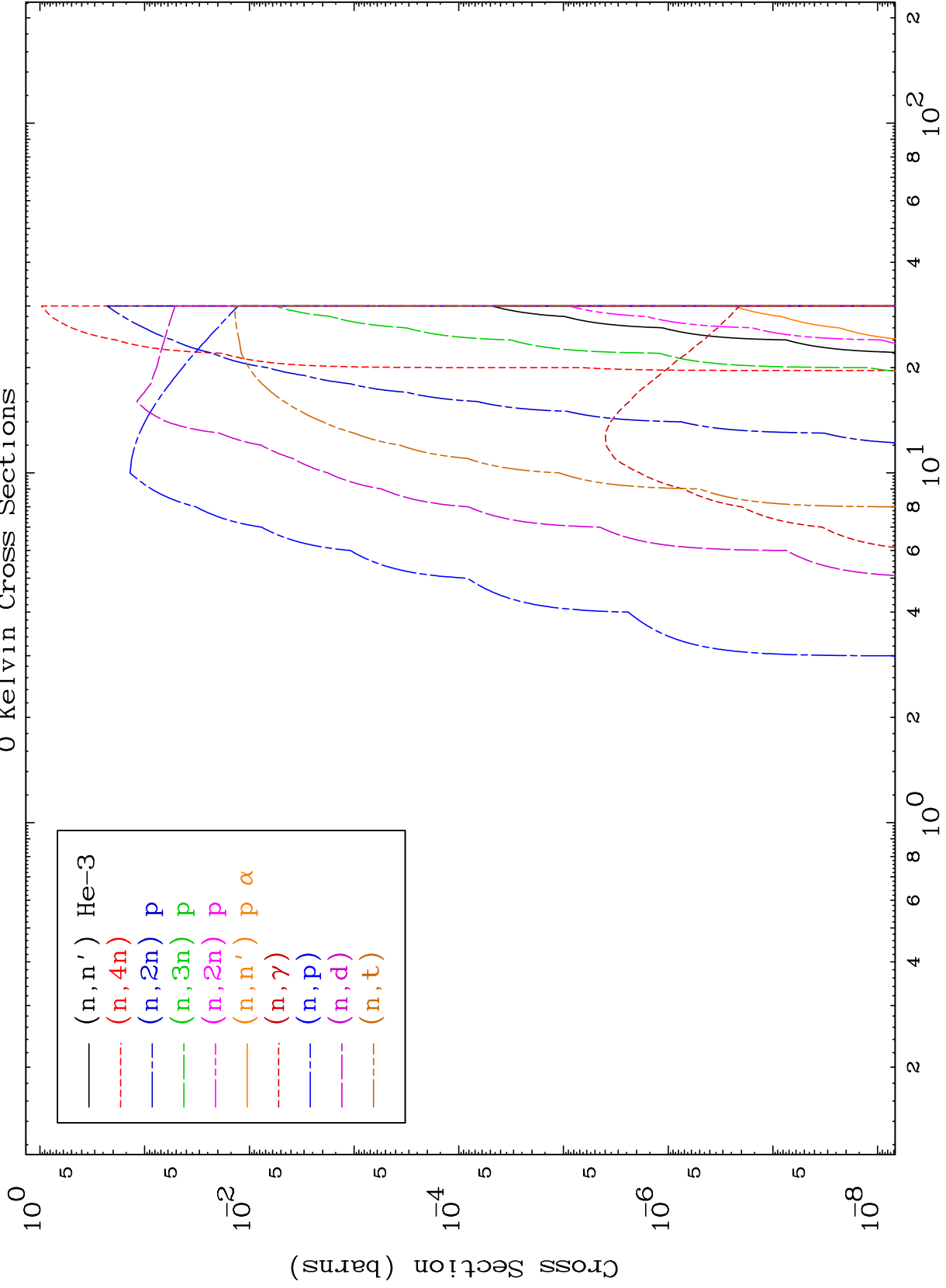
E.Mail:redcullen1@comcast.net

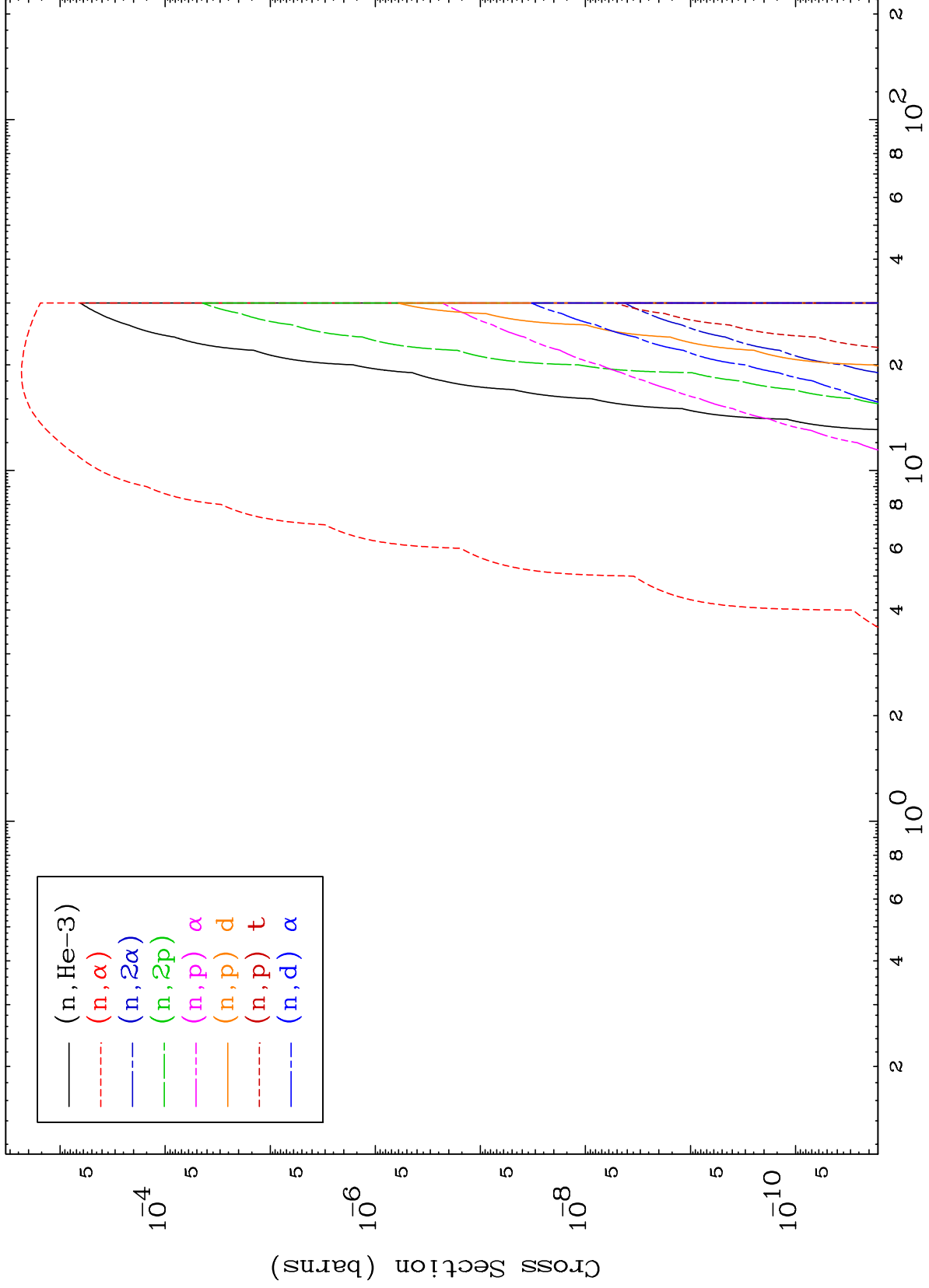
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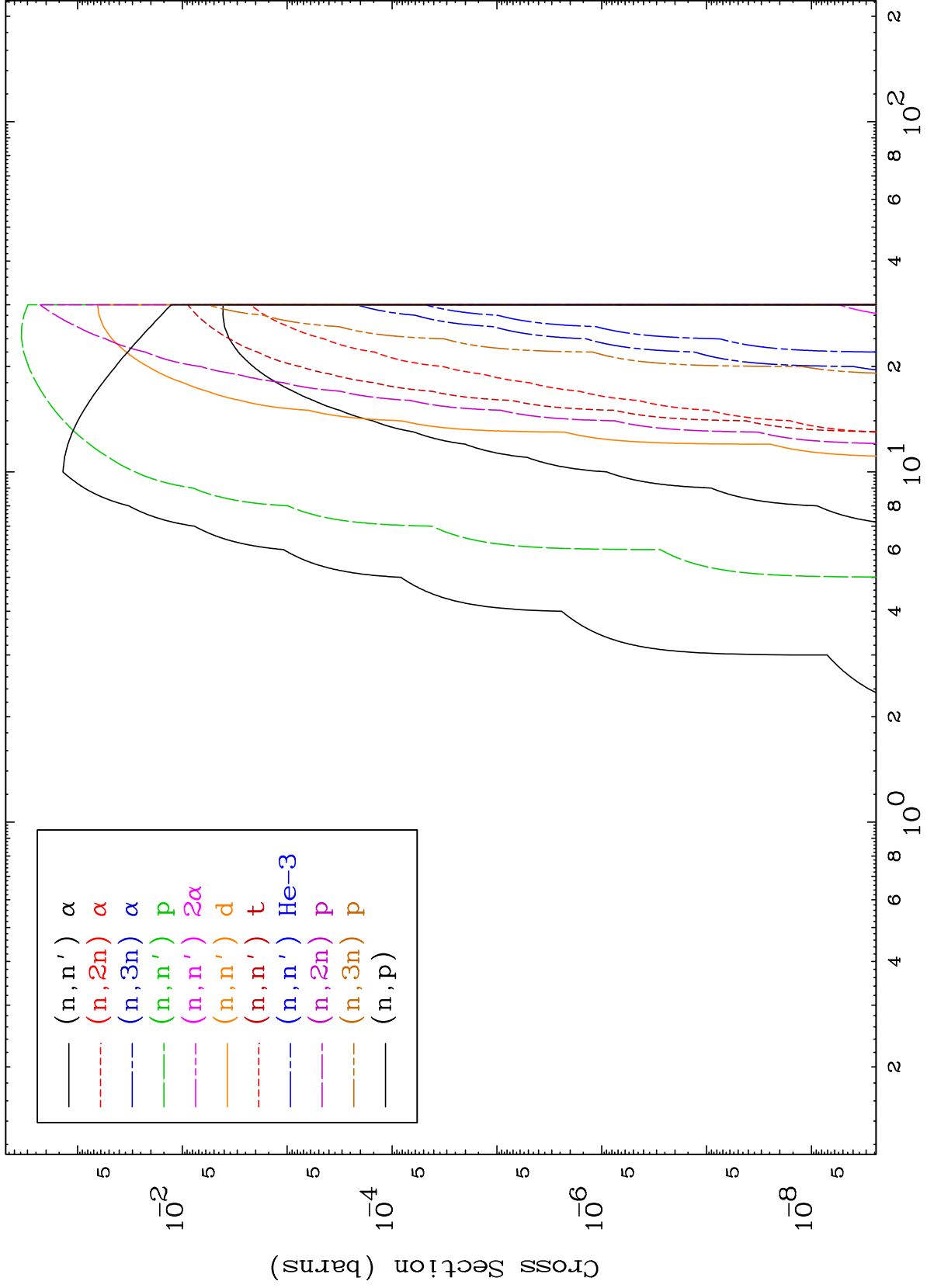
Press Mouse Button to Start

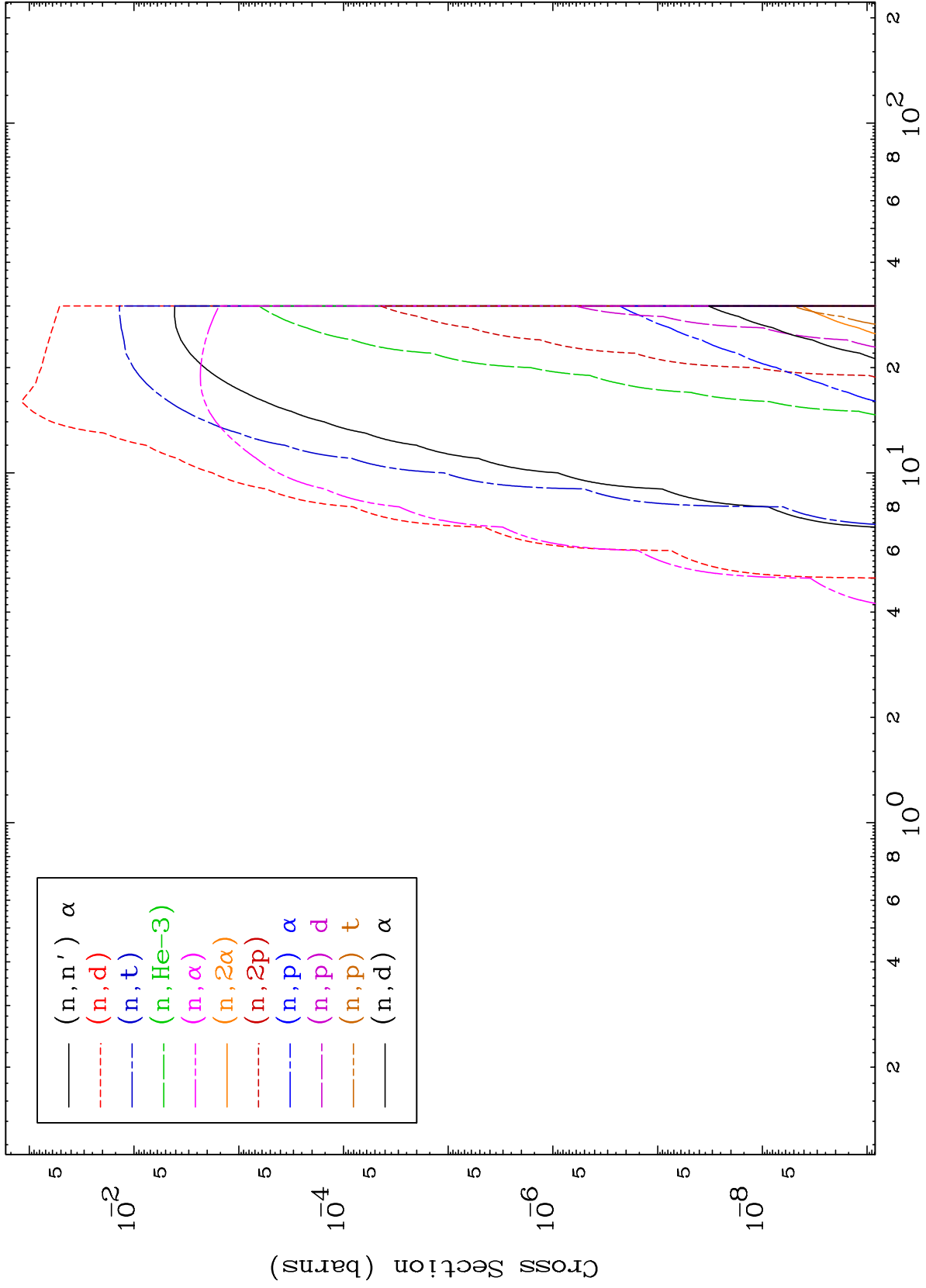


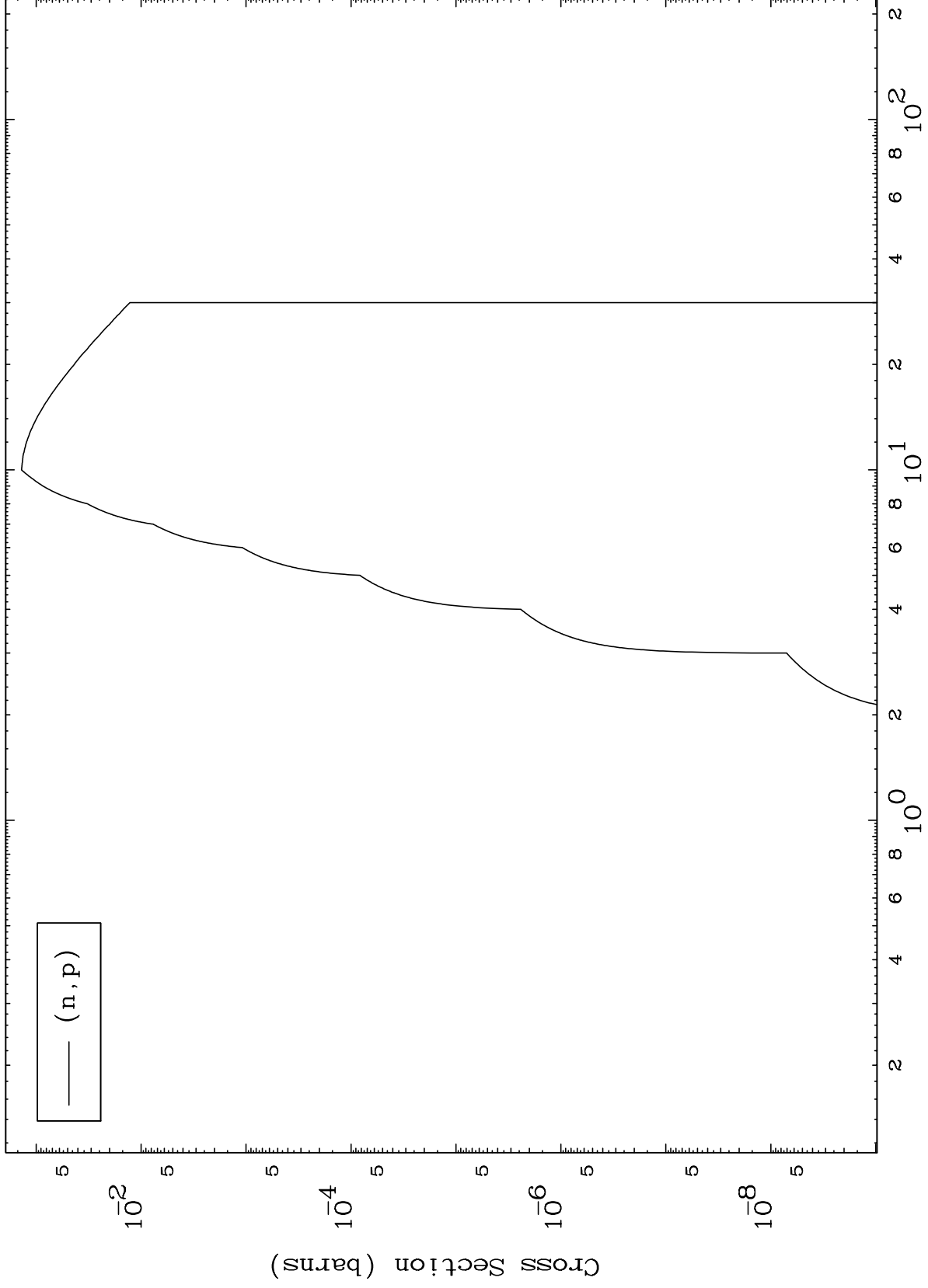




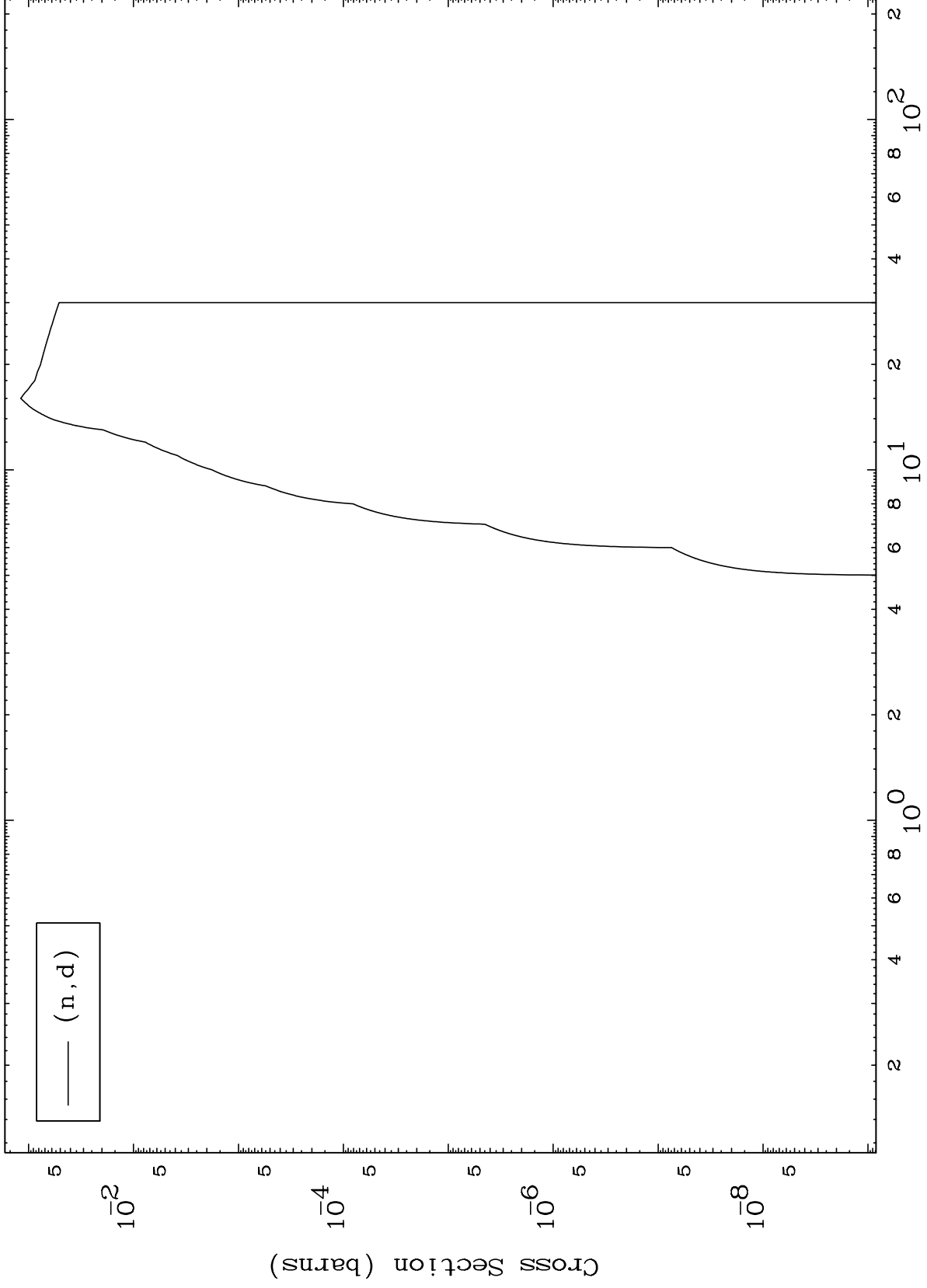




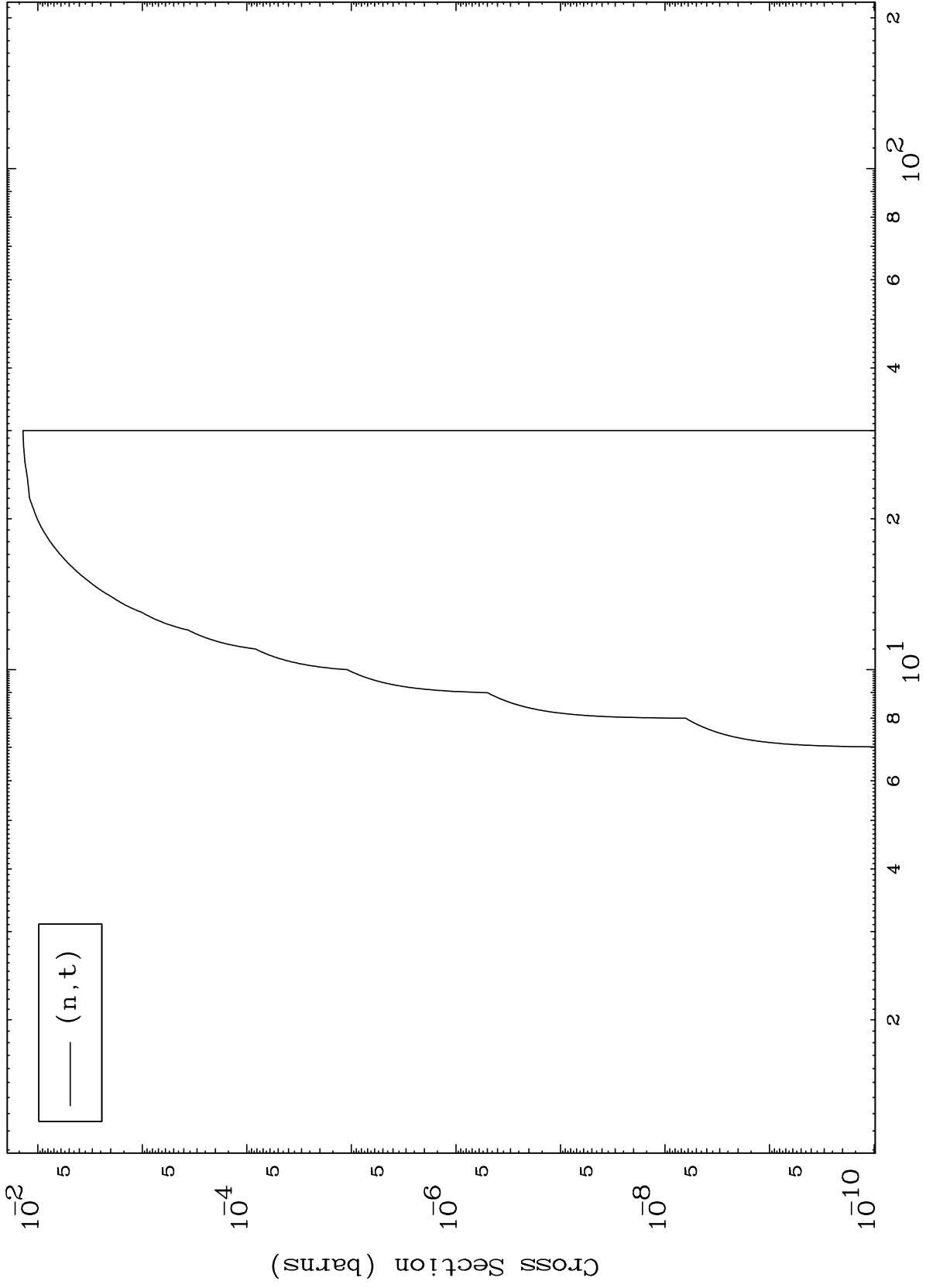




0 Kelvin Cross Sections



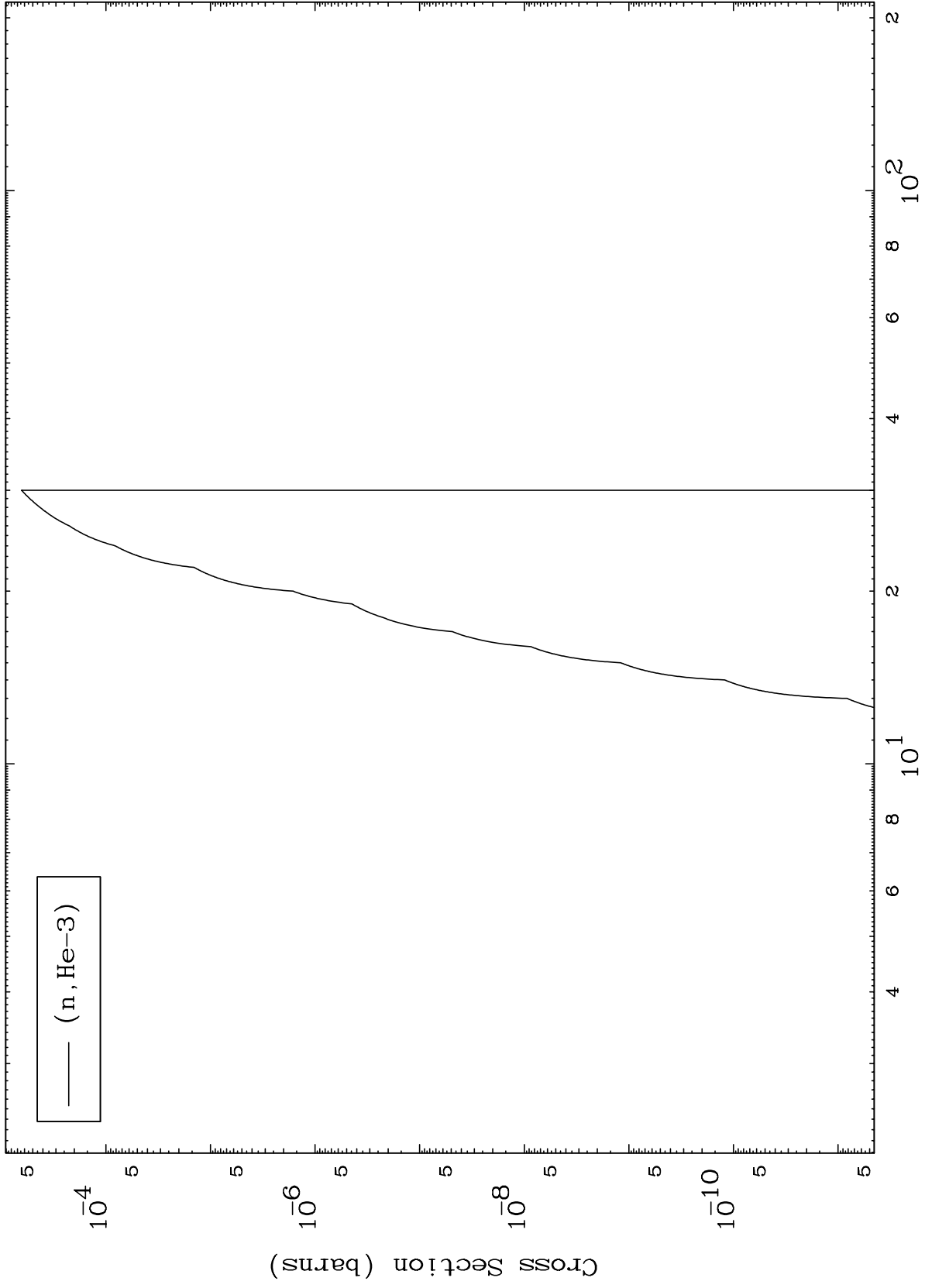
(d,t) Levels
0 Kelvin Cross Sections



MAT 7437

(d,He3) Levels
0 Kelvin Cross Sections

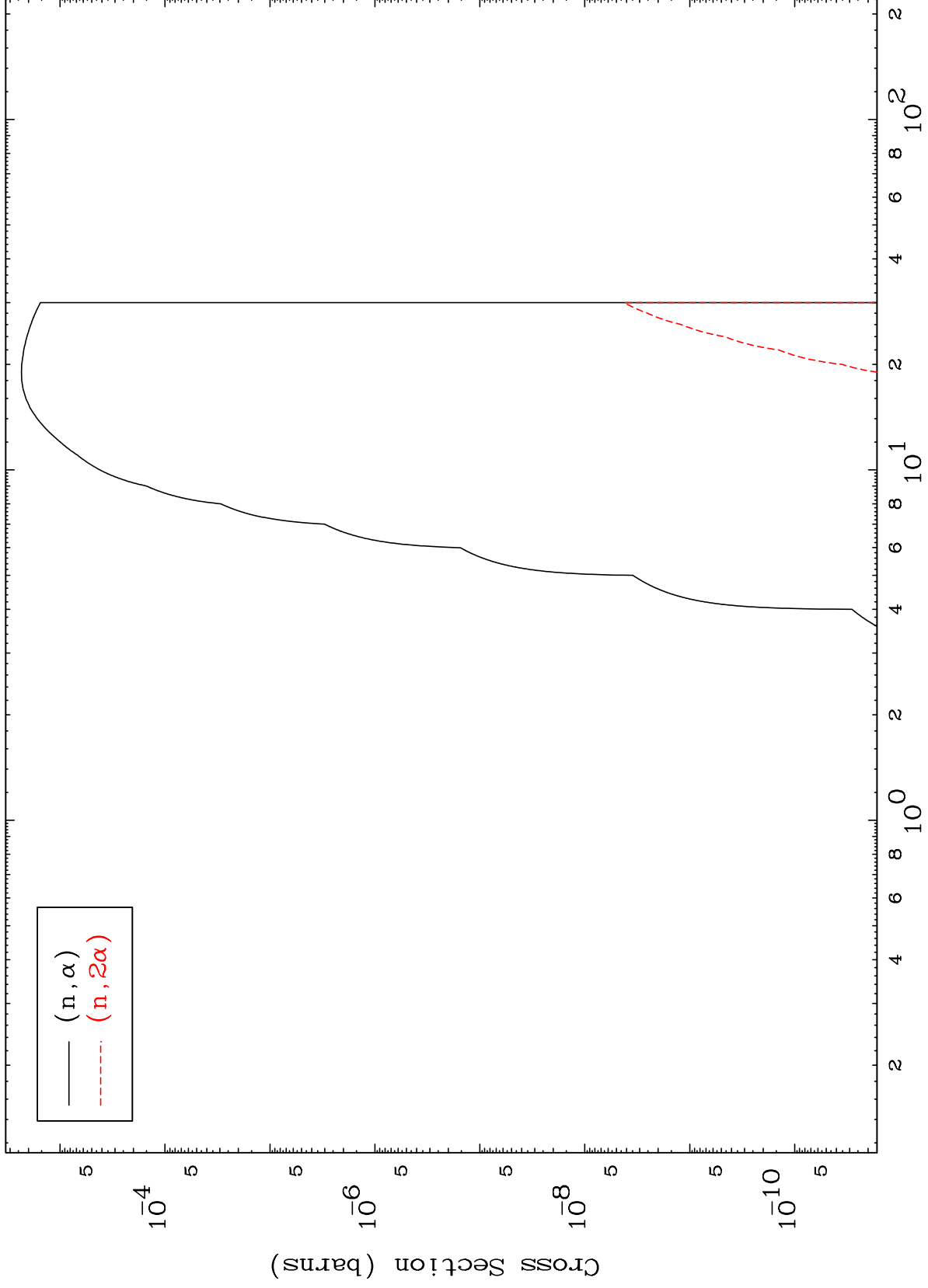
74-W -184



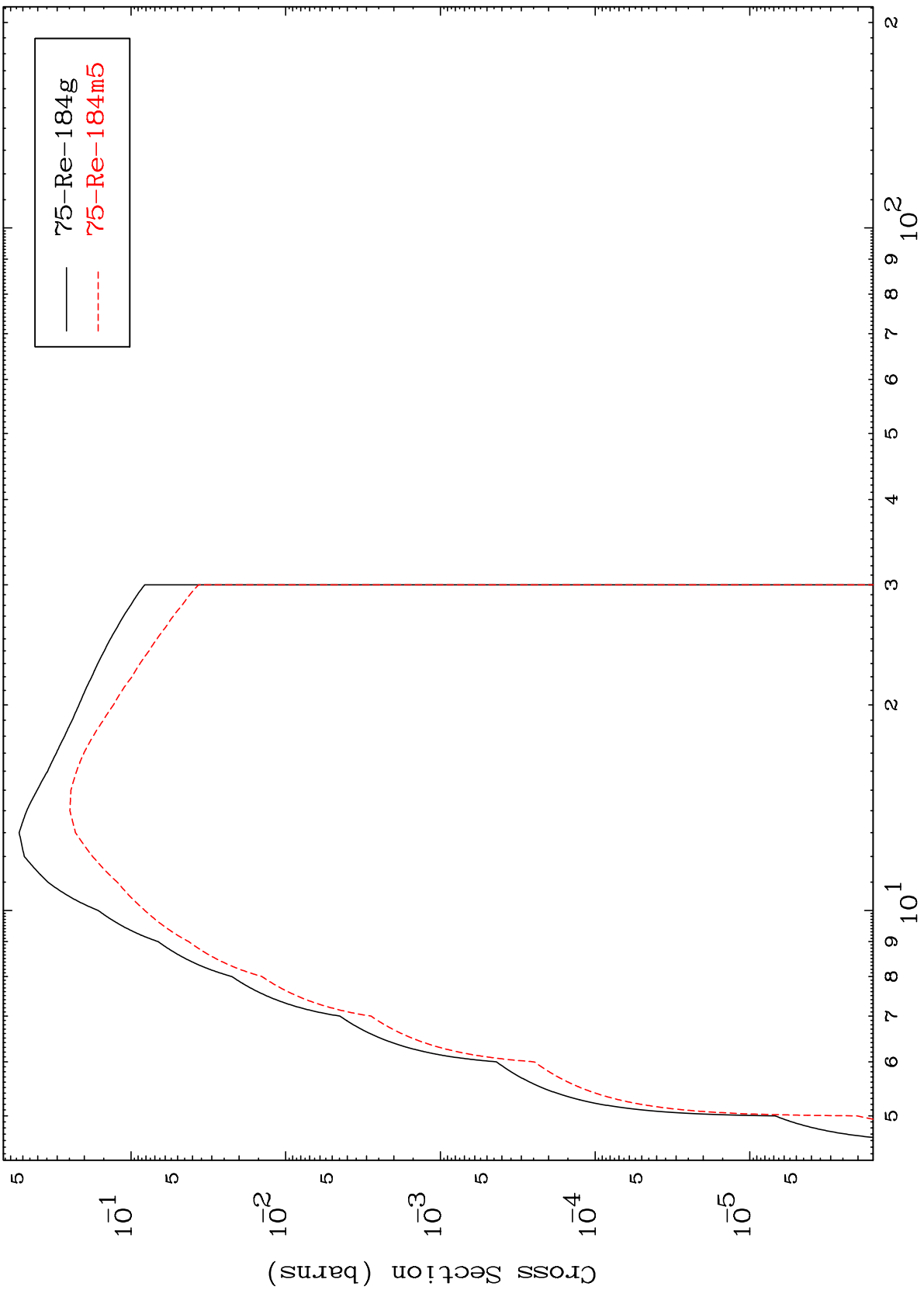
10

Incident Energy (MeV)

74-W -184



Radionuclide Production Cross Section
(n,2n)



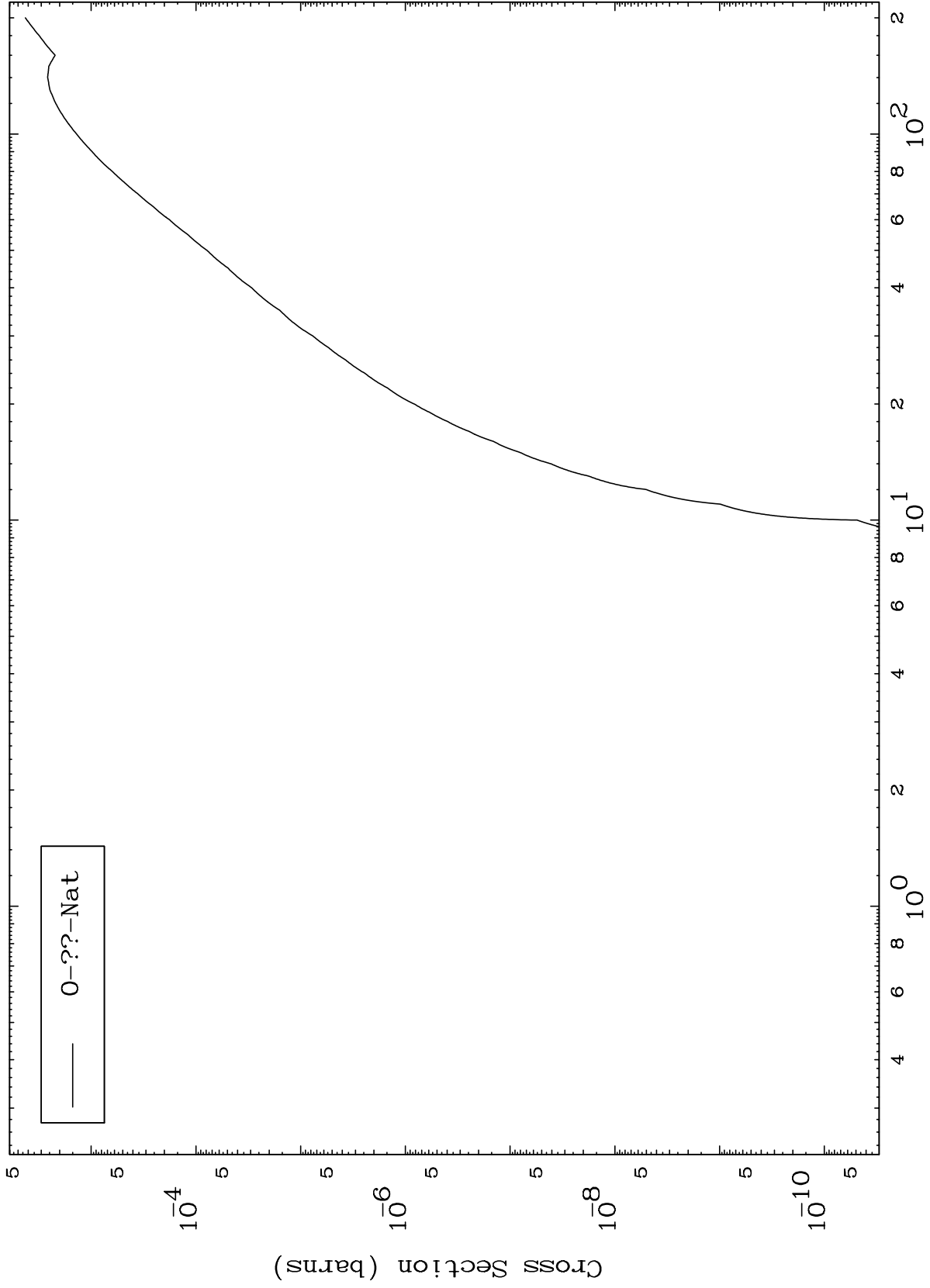
75-Re-184g
75-Re-184m5

MAT 7437

Fission

74-W -184

Radionuclide Production Cross Section

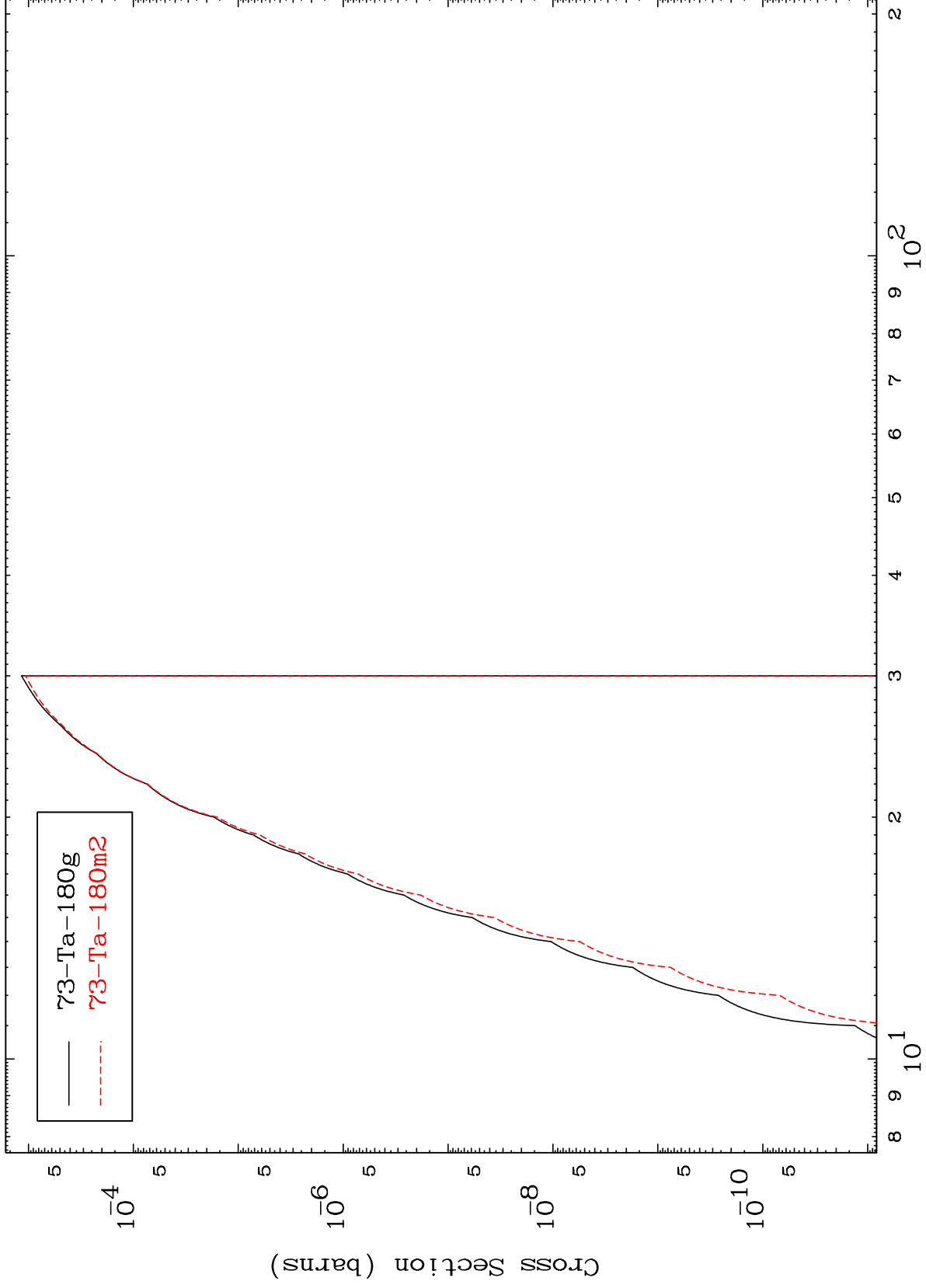


MAT 7437

(n,2n) α

74-W -184

Radionuclide Production Cross Section



14

Incident Energy (MeV)

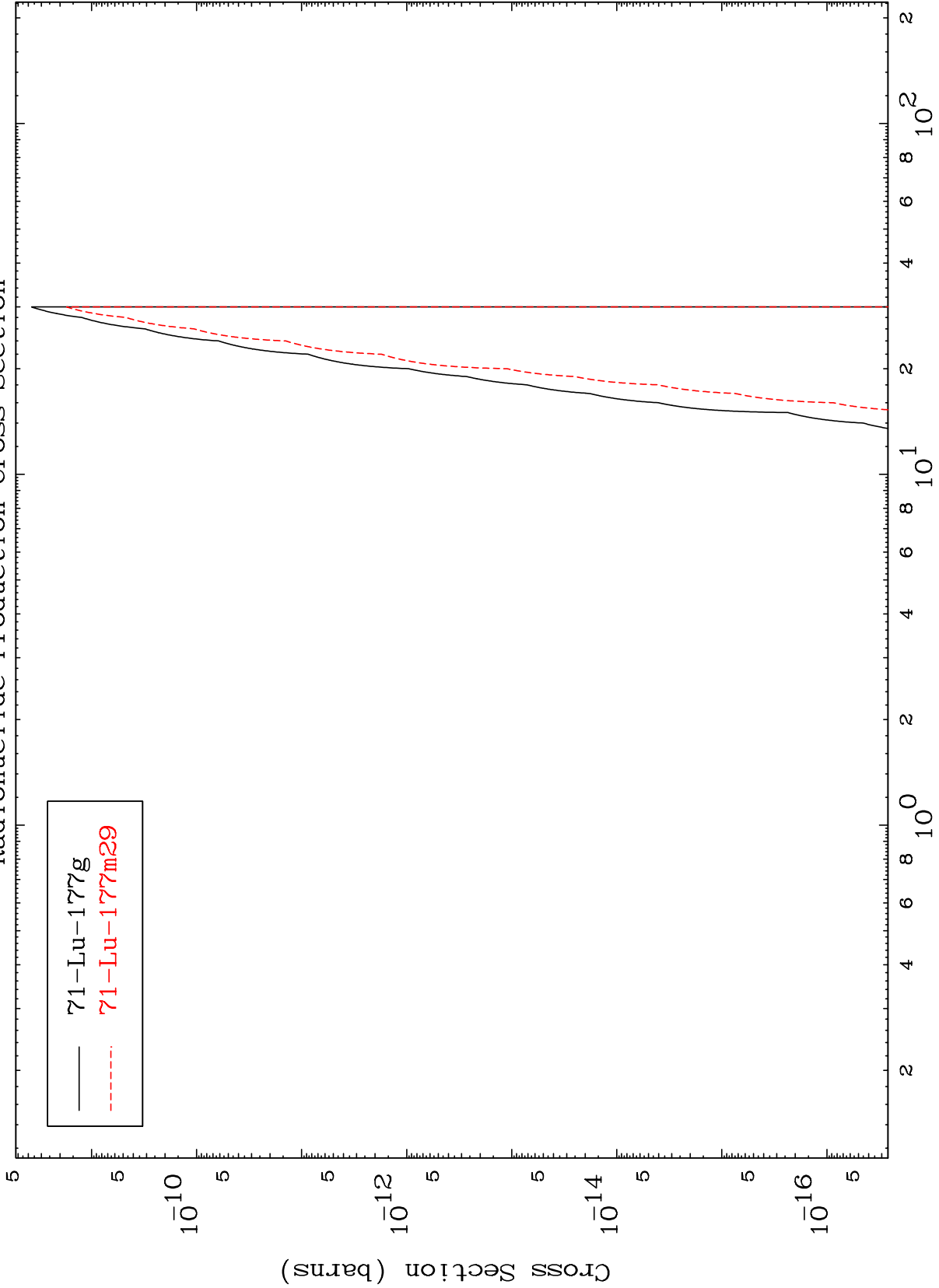
74-W -184

MAT 7437

(n,n') 2α

74-W -184

Radionuclide Production Cross Section



71-Lu-177g
71-Lu-177m29

15

Incident Energy (MeV)

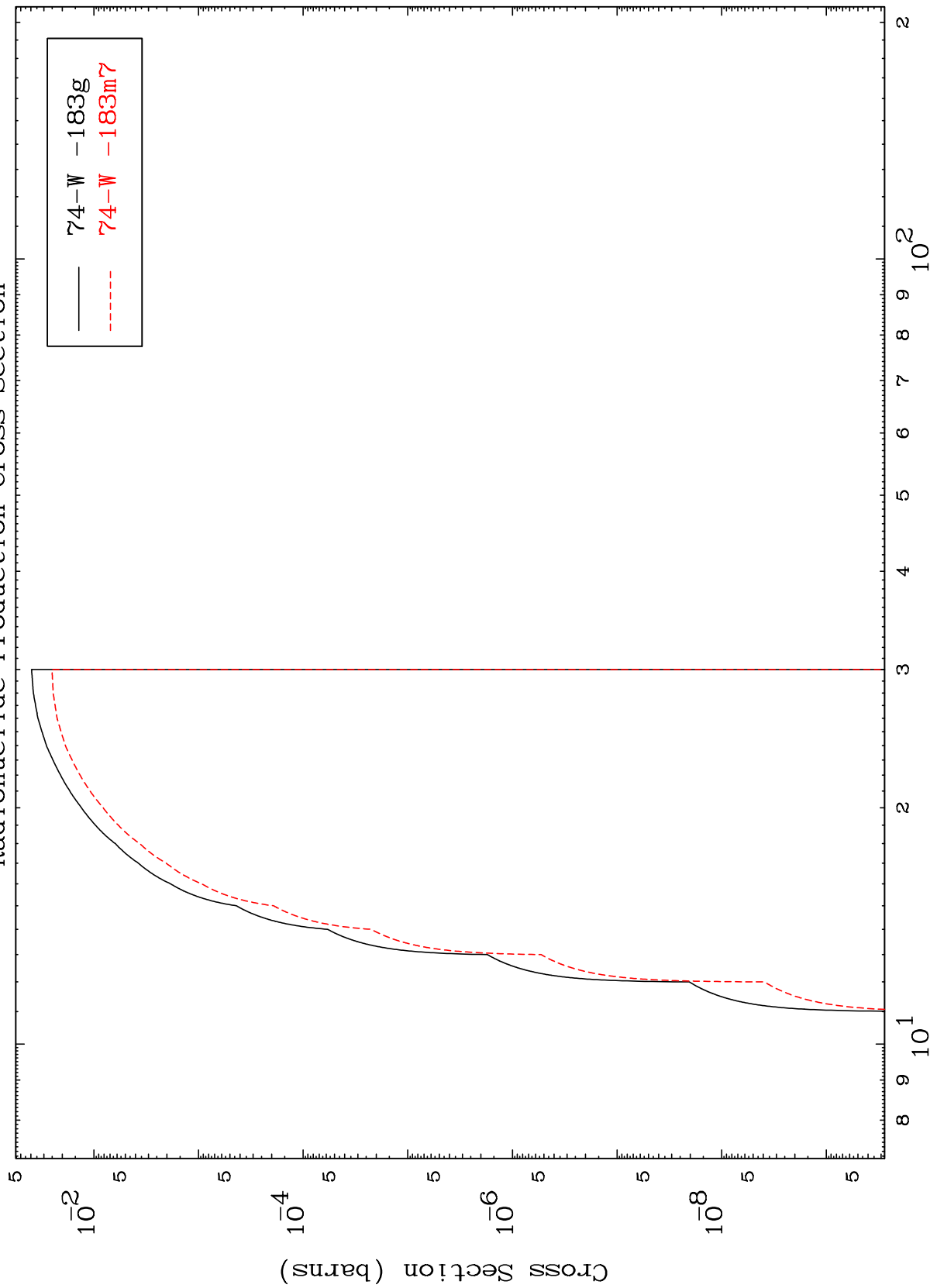
74-W -184

MAT 7437

(n,n') d

74-W -184

Radionuclide Production Cross Section



16

Incident Energy (MeV)

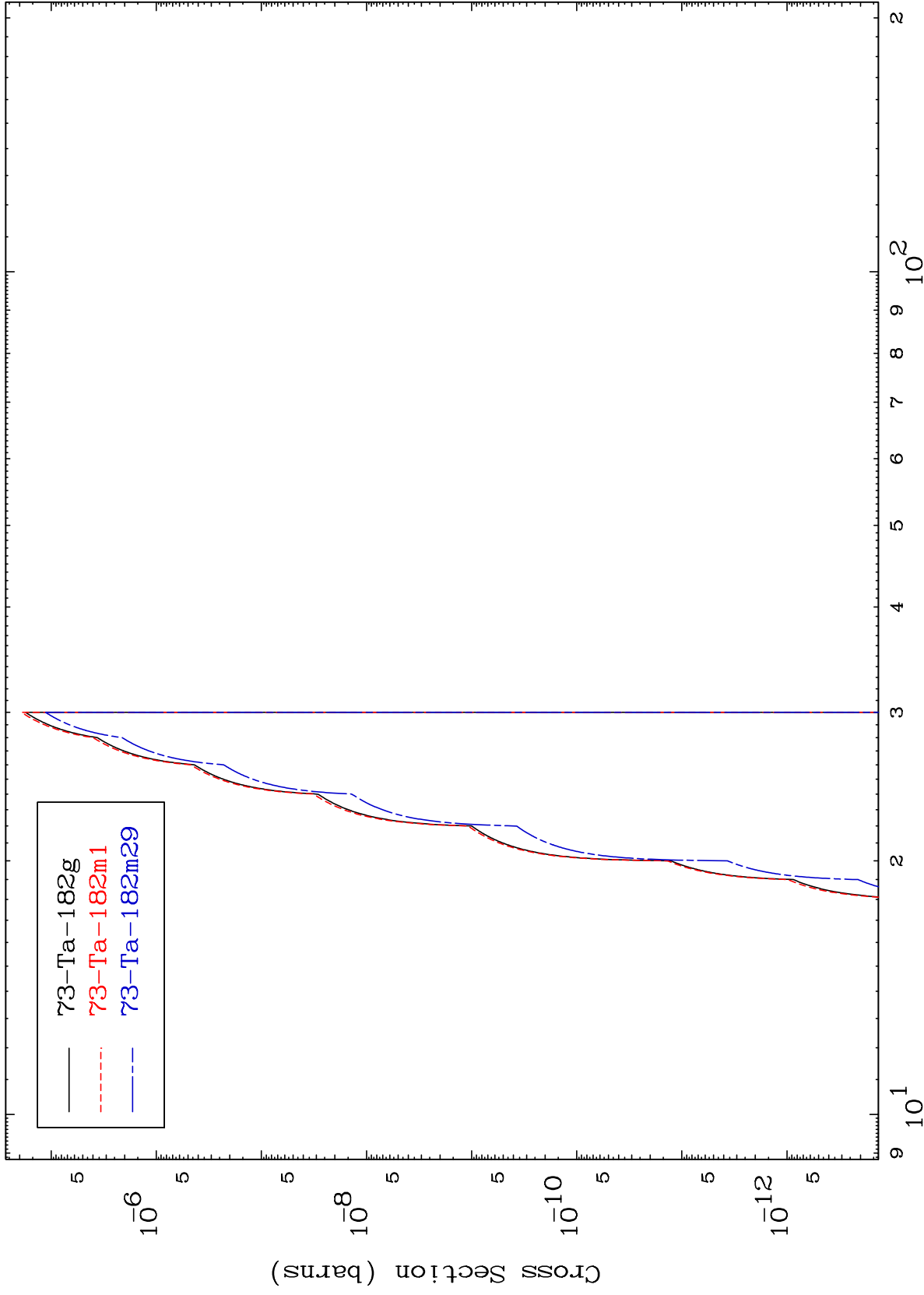
74-W -184

MAT 7437

(n,n') He-3

74-W -184

Radionuclide Production Cross Section



17

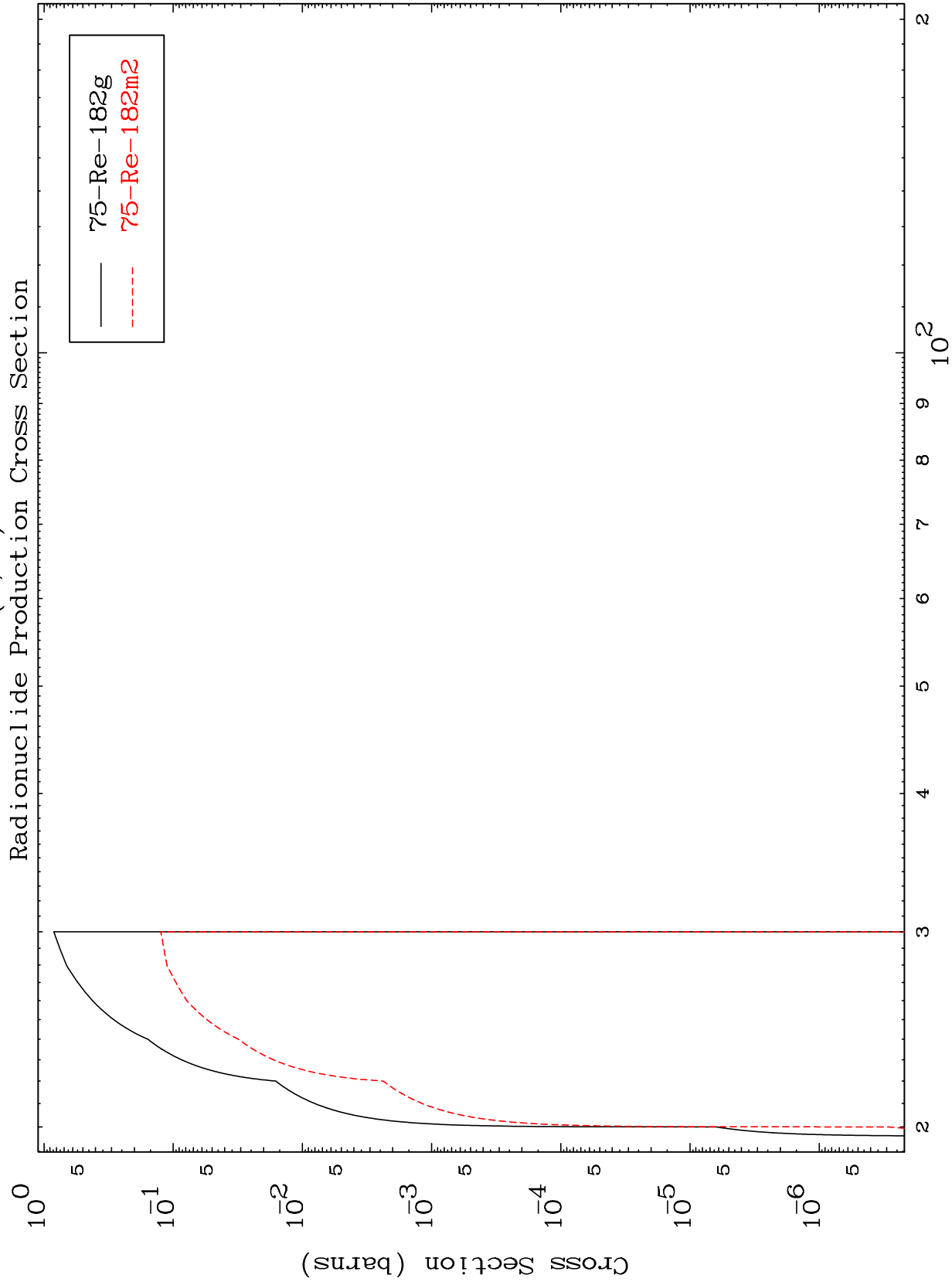
Incident Energy (MeV)

74-W -184

MAT 7437

(n,4n)

74-W -184



18

Incident Energy (MeV)

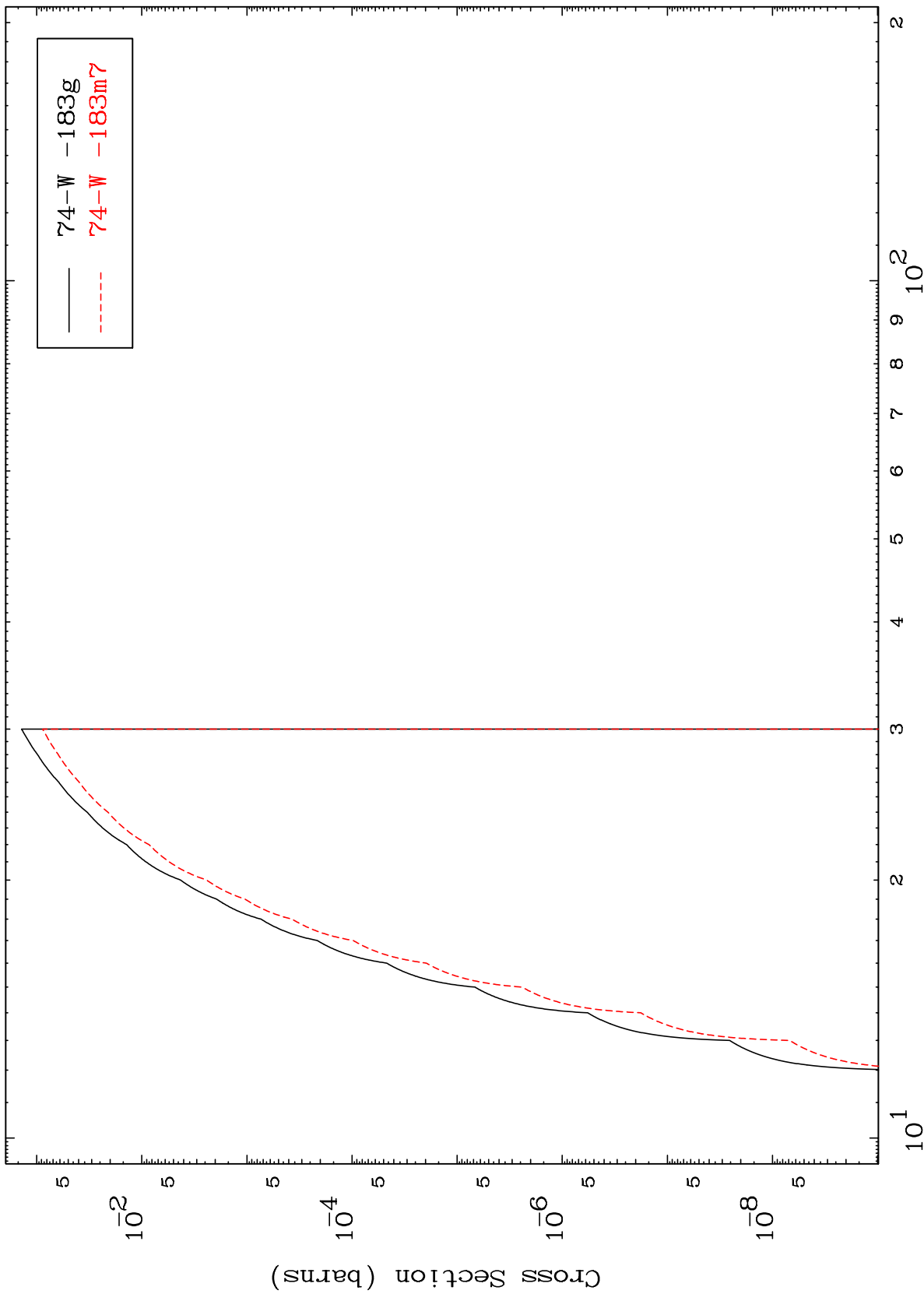
74-W -184

MAT 7437

(n,2n) p

74-W -184

Radionuclide Production Cross Section



74-W -183g
74-W -183m7

10¹

Incident Energy (MeV)

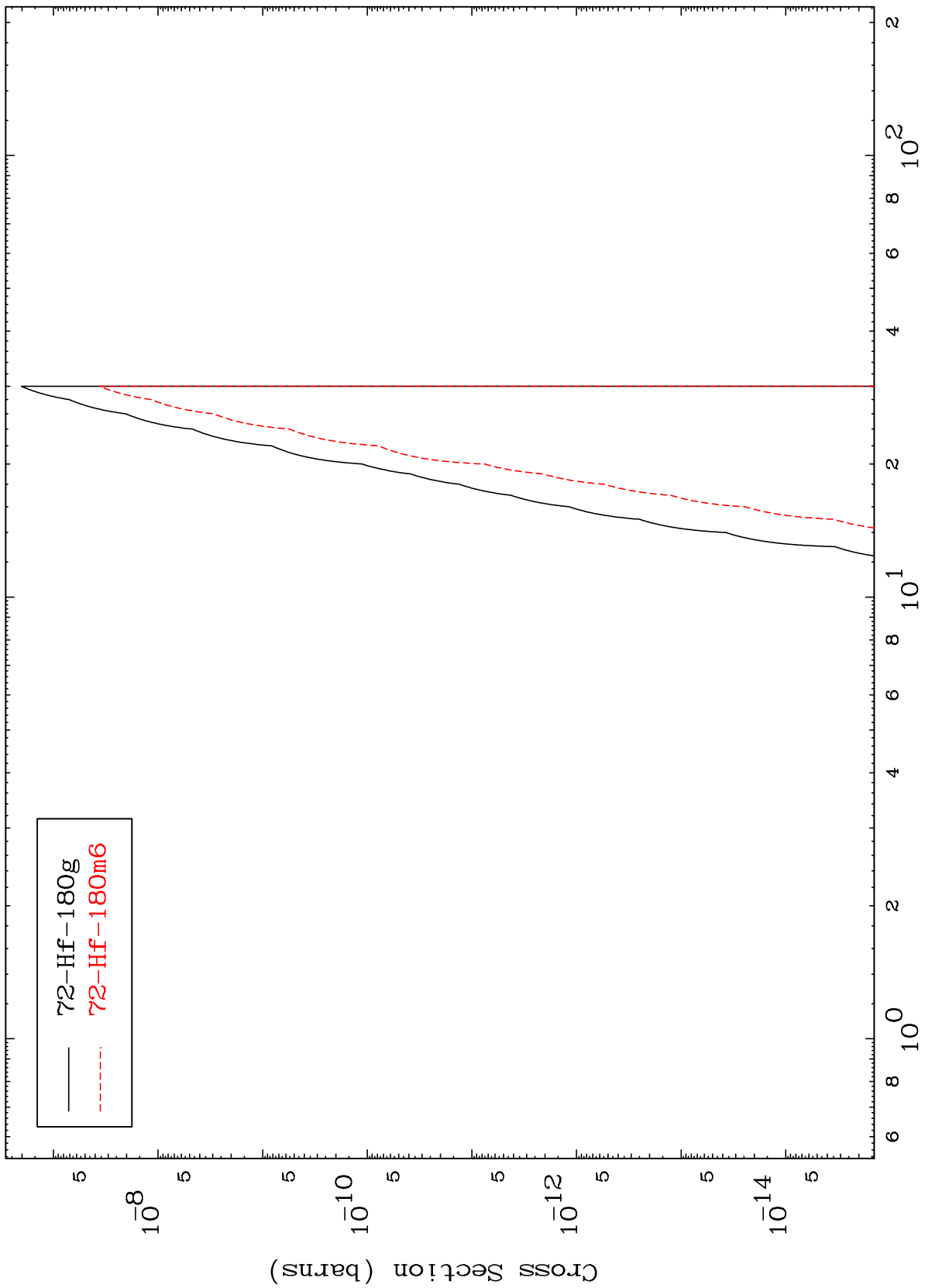
74-W -184

MAT 7437

(n,n') p α

74-W -184

Radionuclide Production Cross Section



20

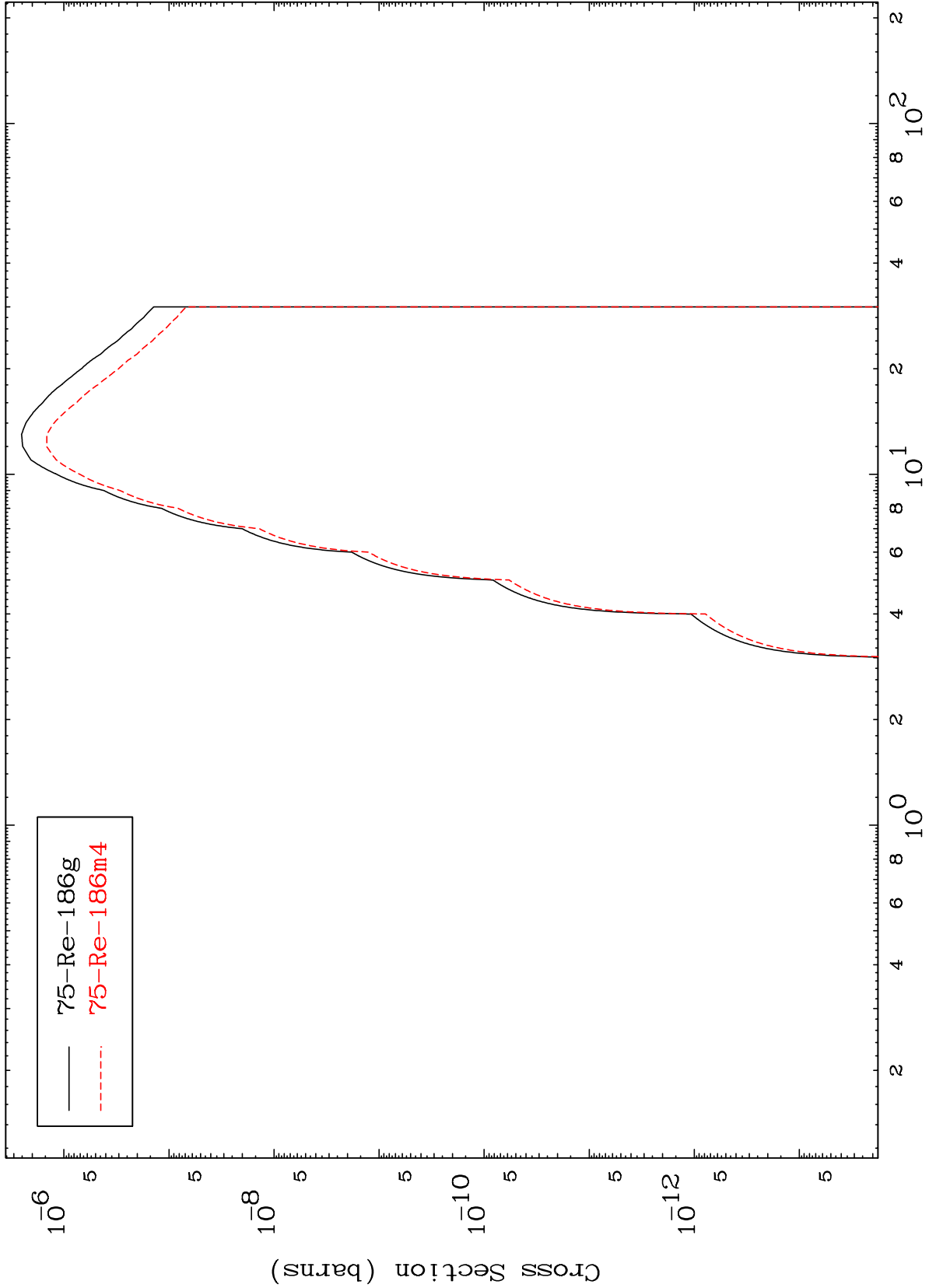
Incident Energy (MeV)

74-W -184

MAT 7437

74-W -184

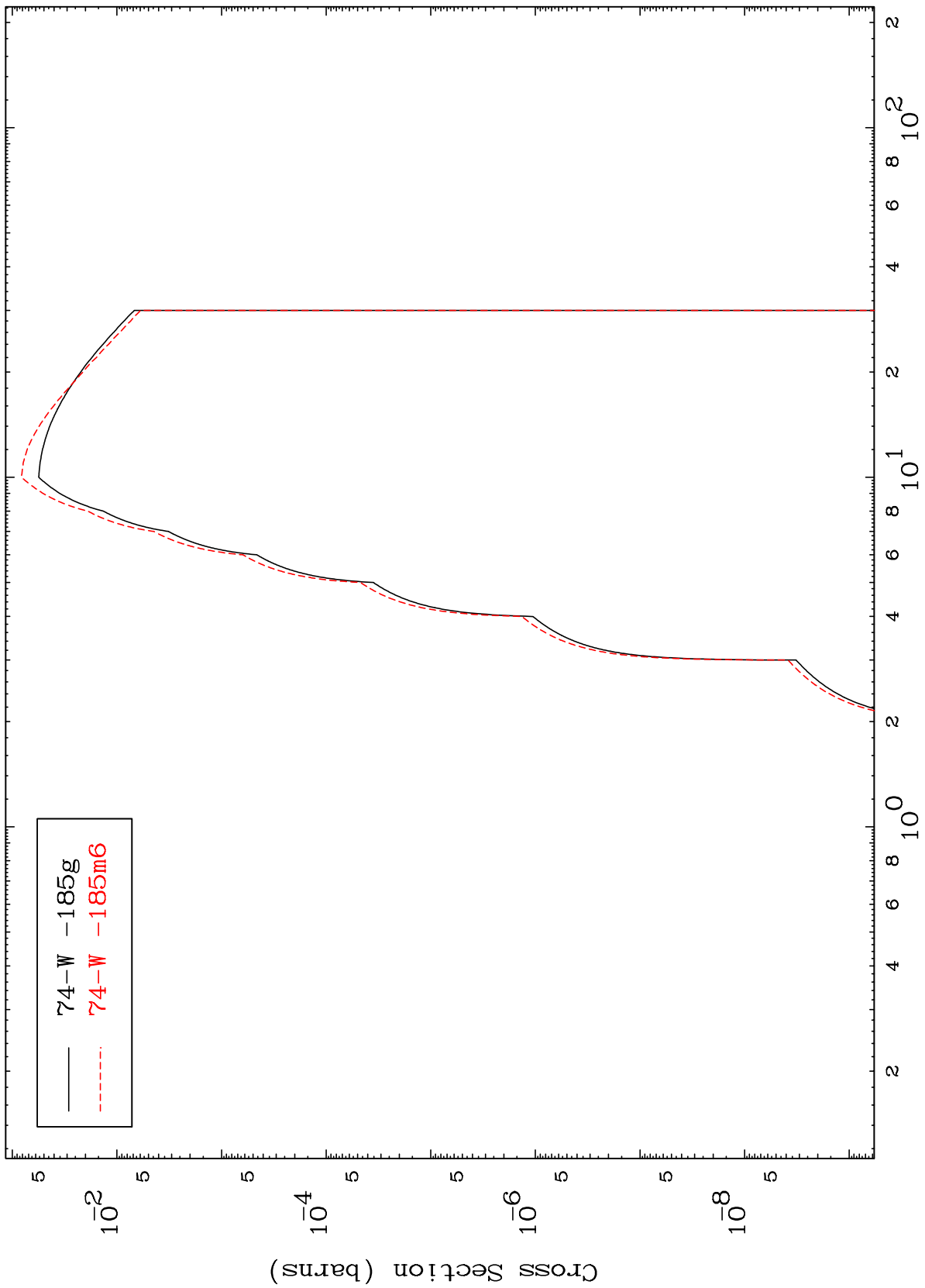
(n, γ)
Radionuclide Production Cross Section



MAT 7437

74-W -184

(n,p)
Radionuclide Production Cross Section



74-W -184

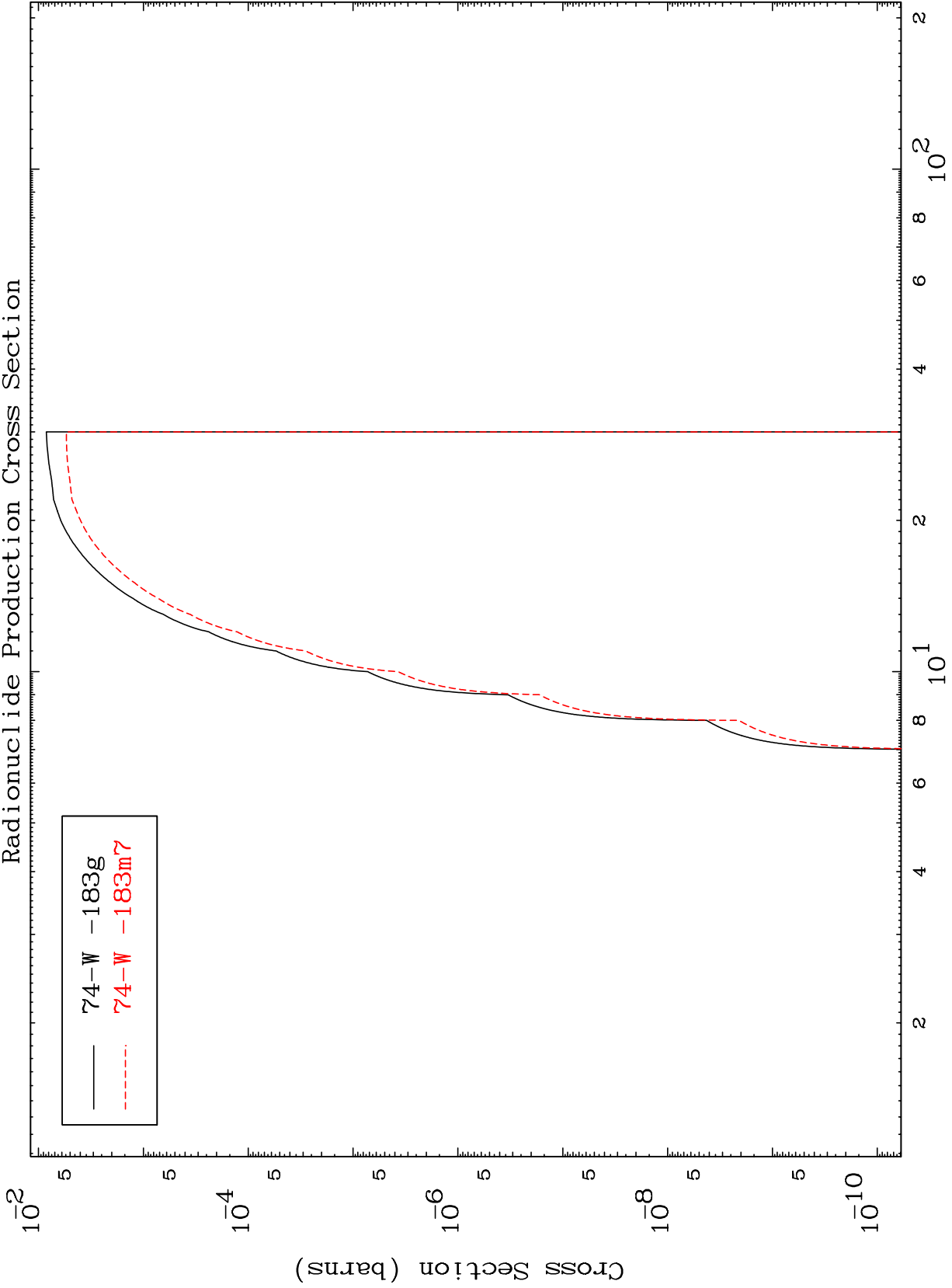
Incident Energy (MeV)

22

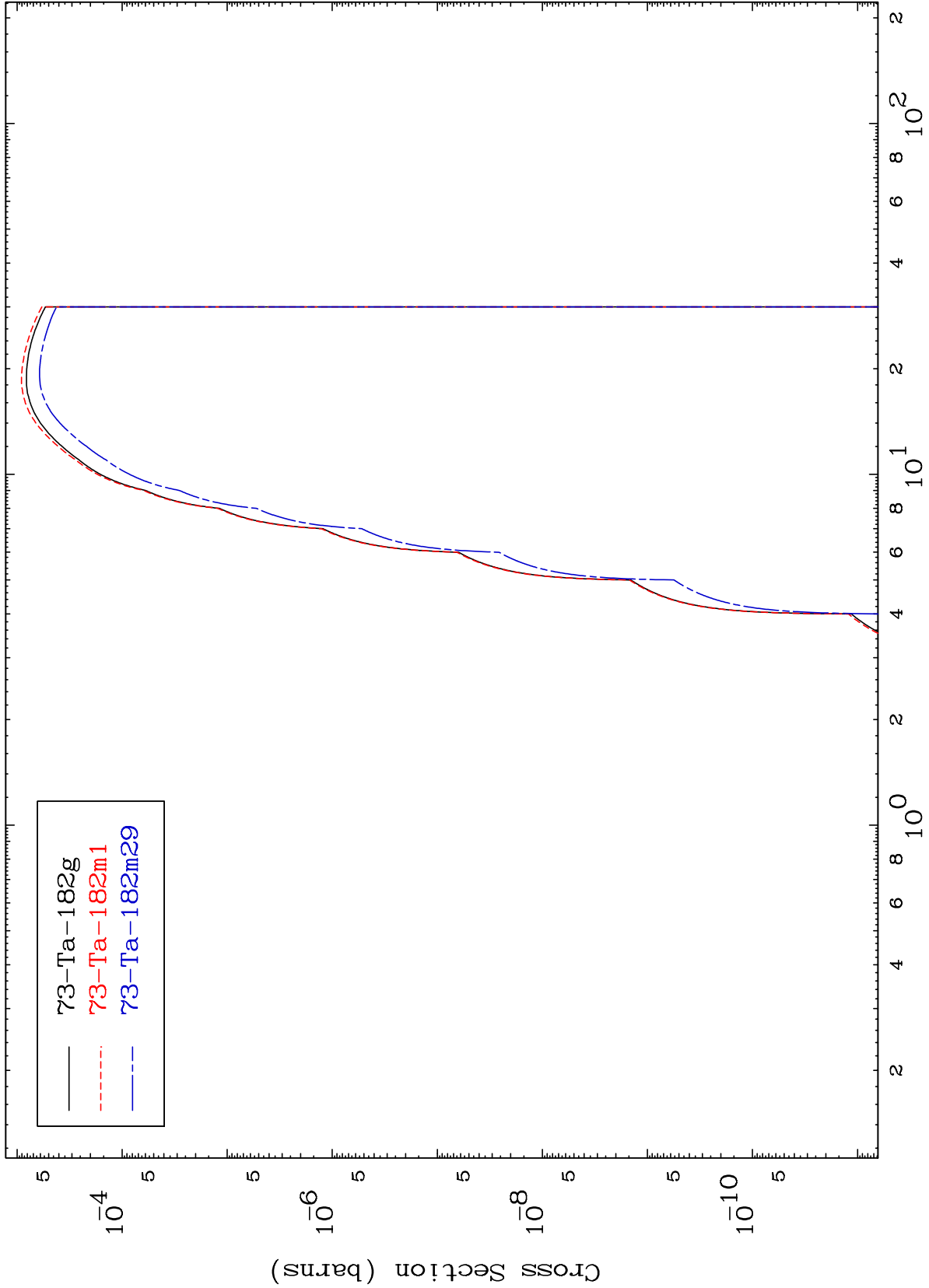
MAT 7437

74-W -184

(n,t)
Radionuclide Production Cross Section

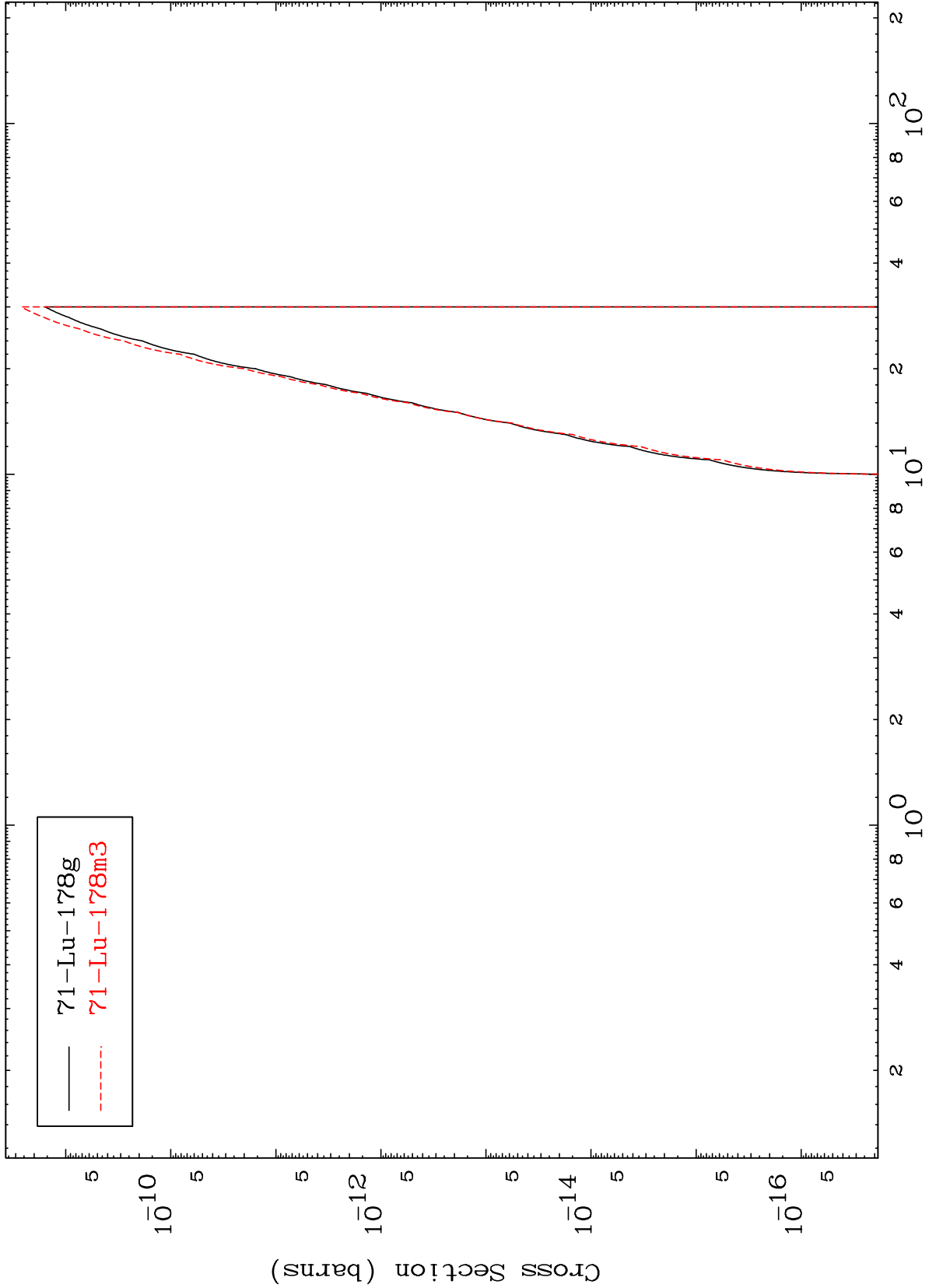


Radionuclide Production Cross Section (n, α)



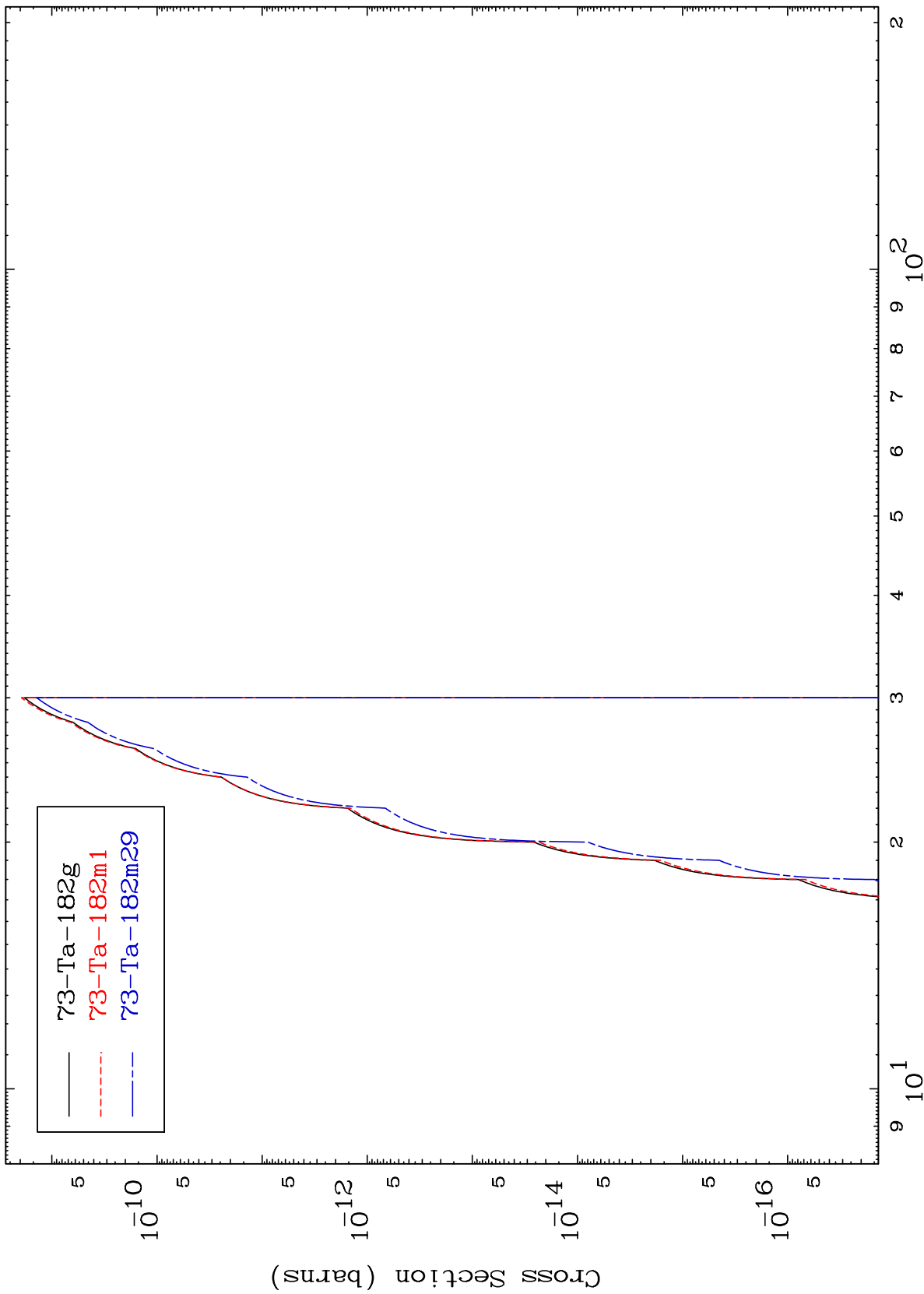
Incident Energy (MeV)

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

Radionuclide Production Cross Section



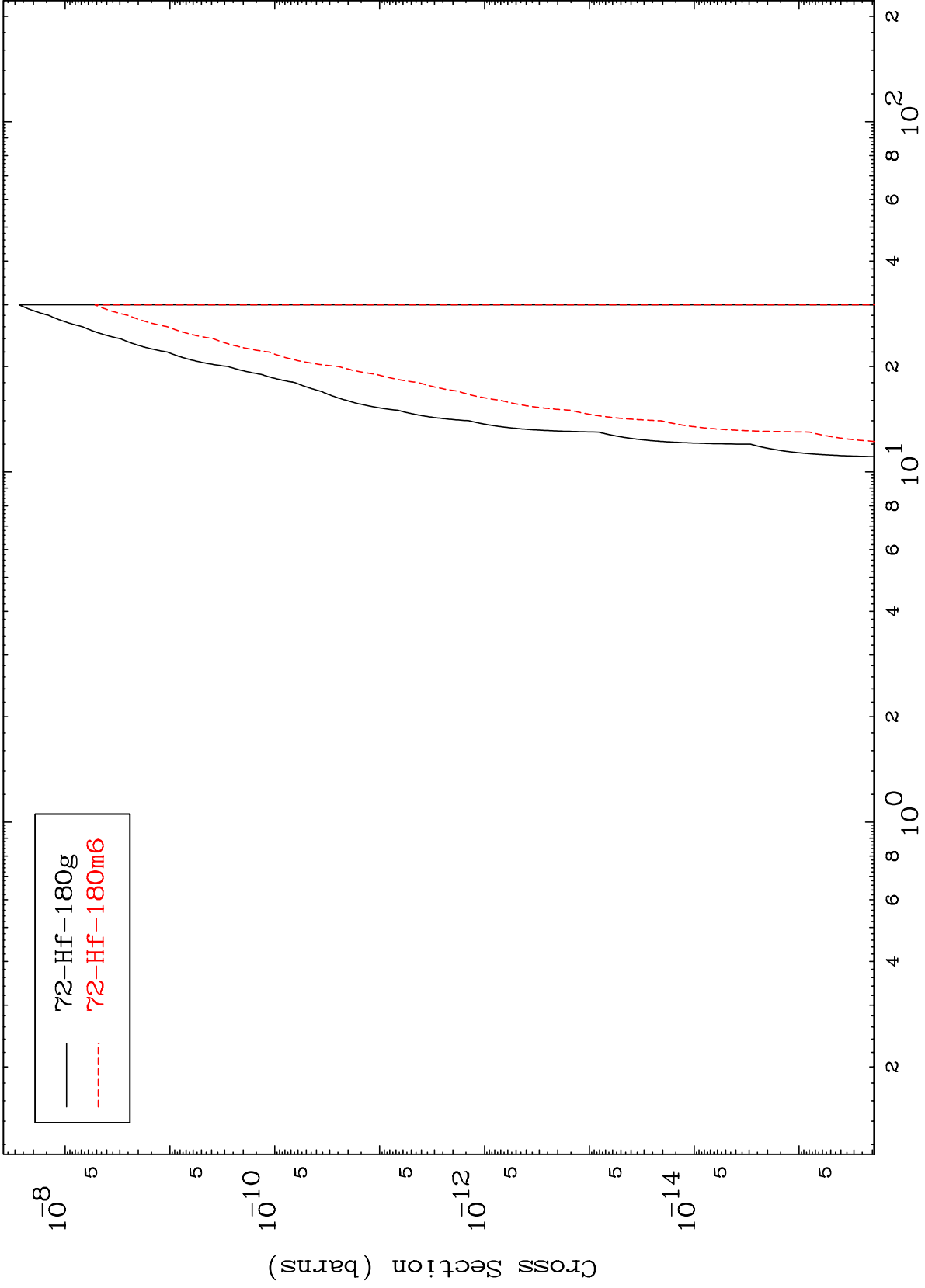
73-Ta-182g
73-Ta-182m1
73-Ta-182m29

MAT 7437

(n,d) α

74-W -184

Radionuclide Production Cross Section



27

Incident Energy (MeV)

74-W -184