

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

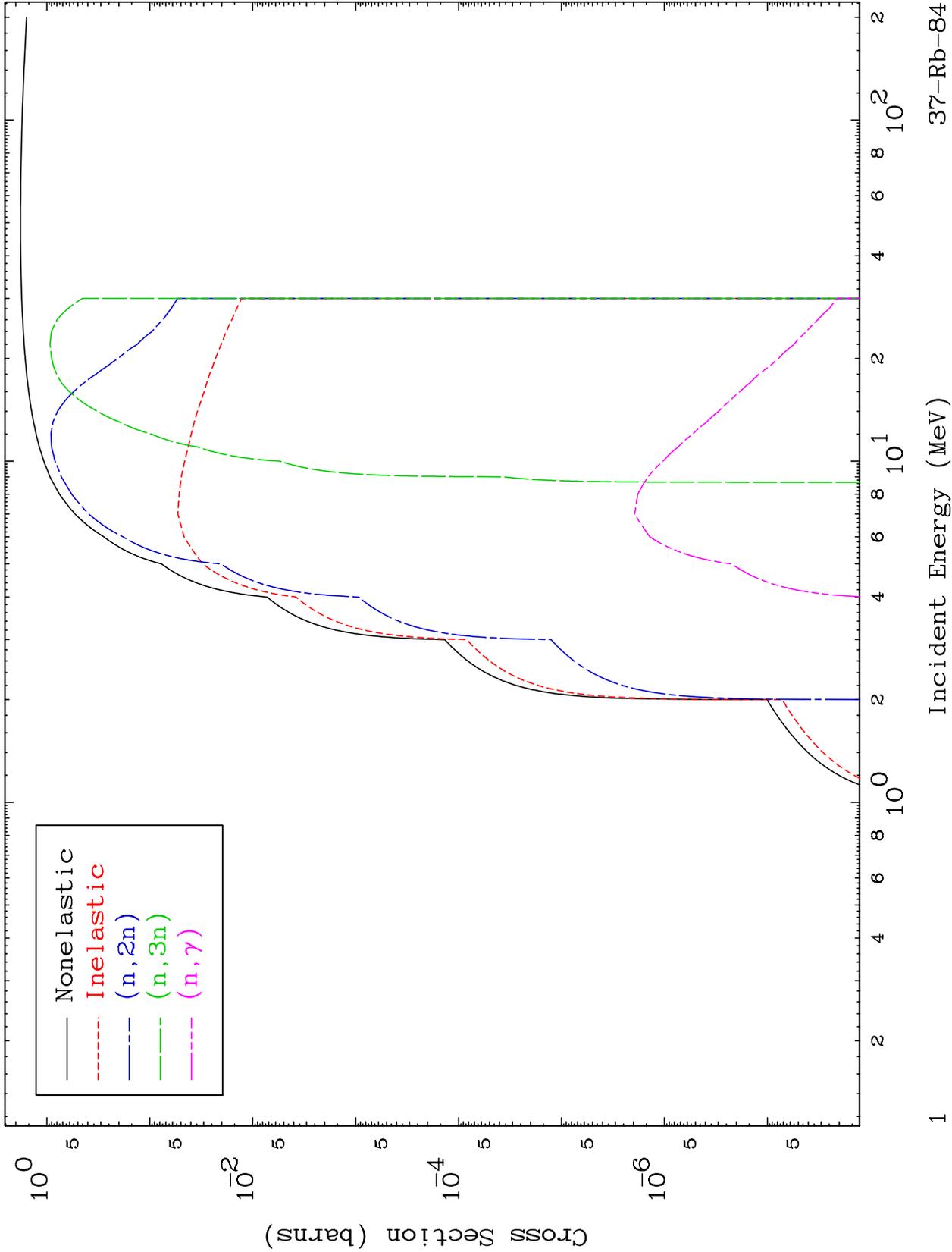
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Livermore, CA 94550
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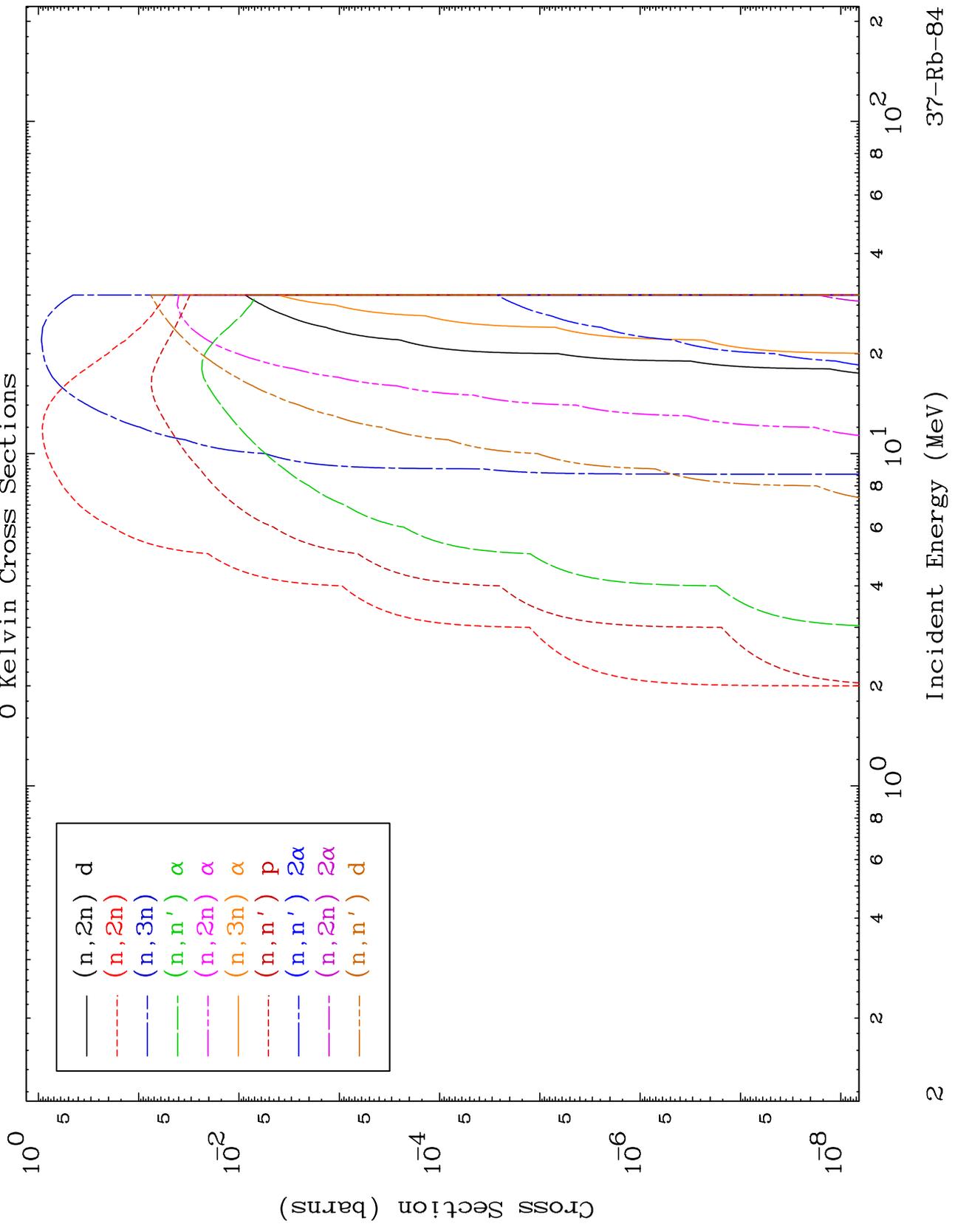
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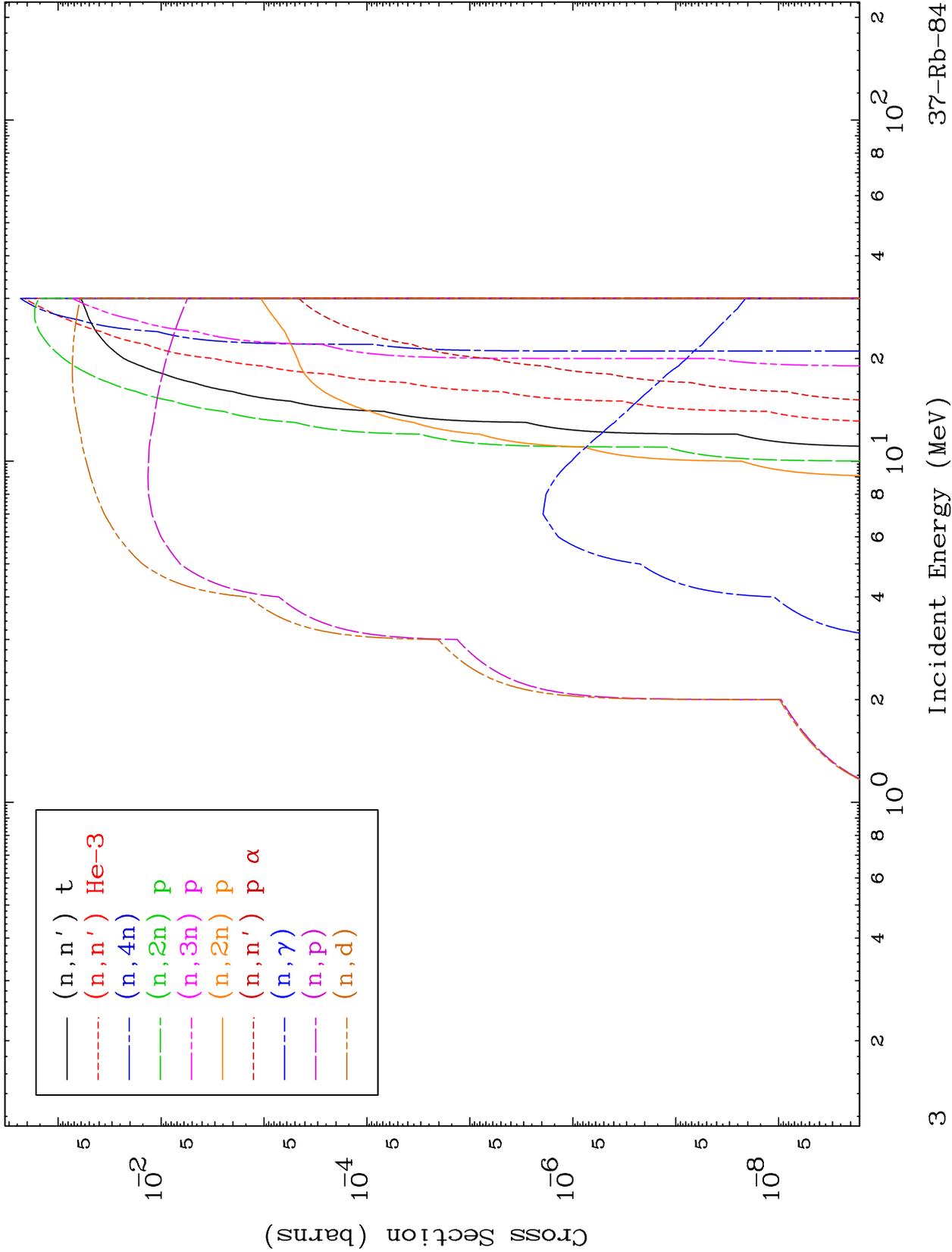
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

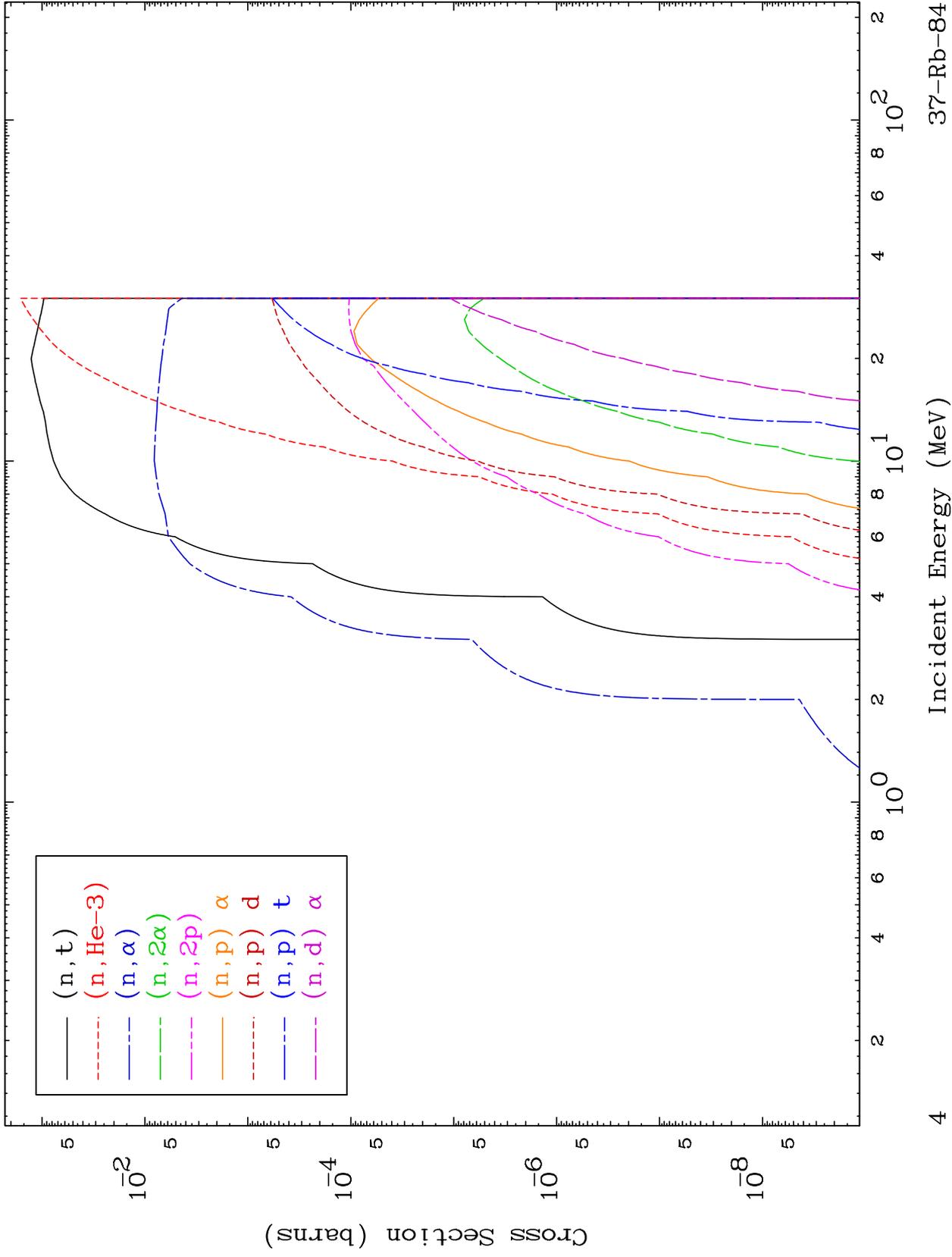
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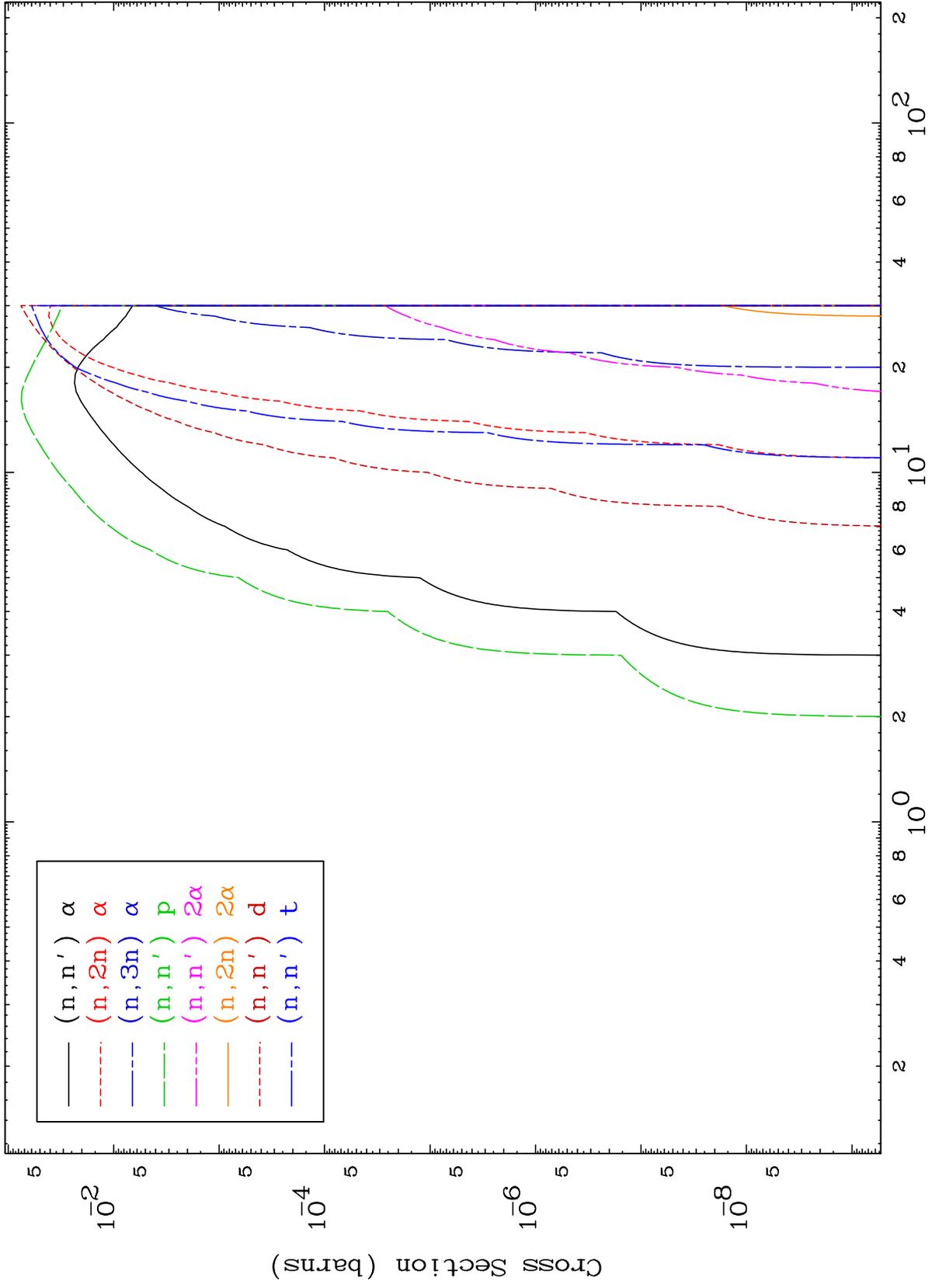


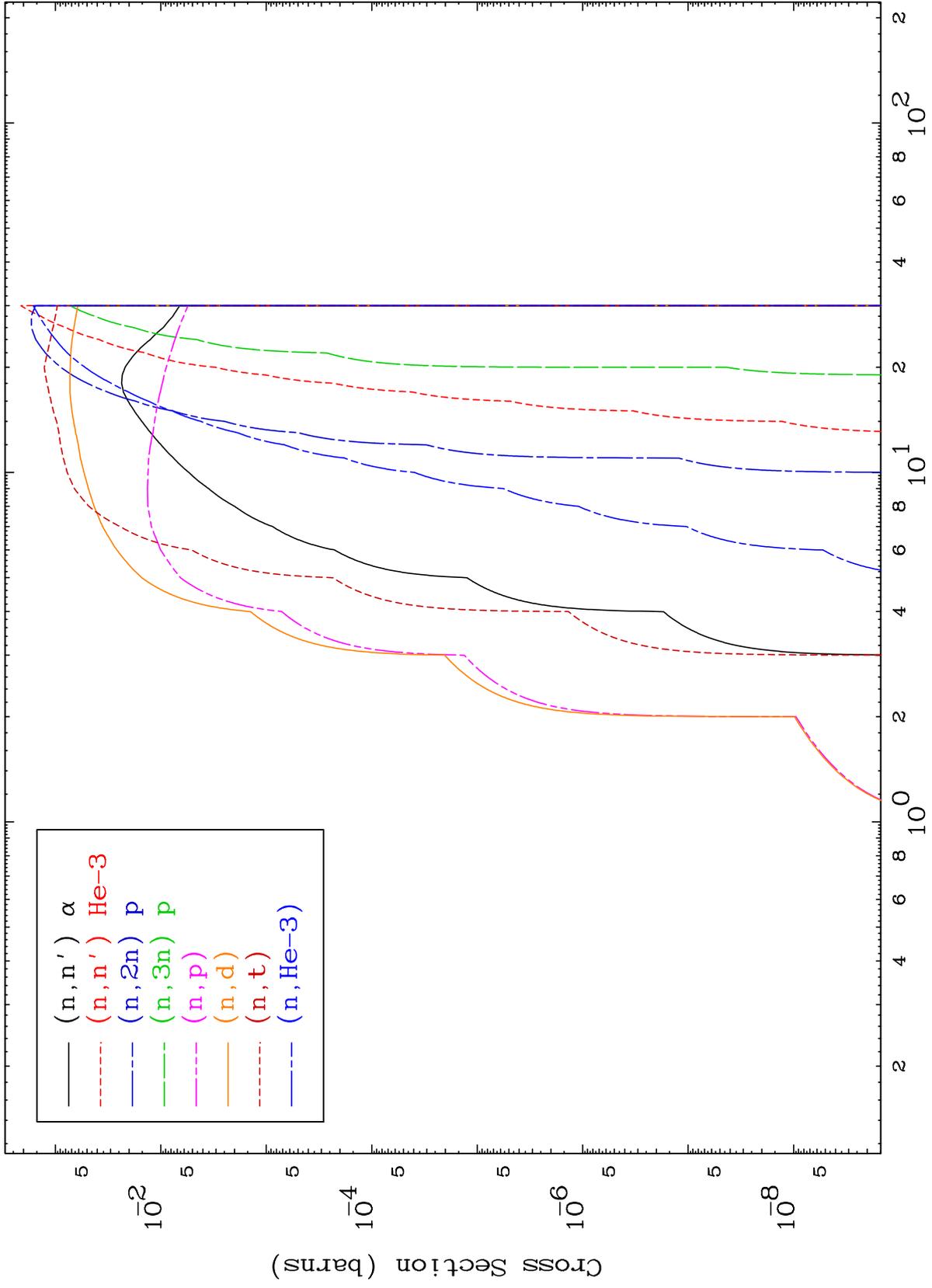


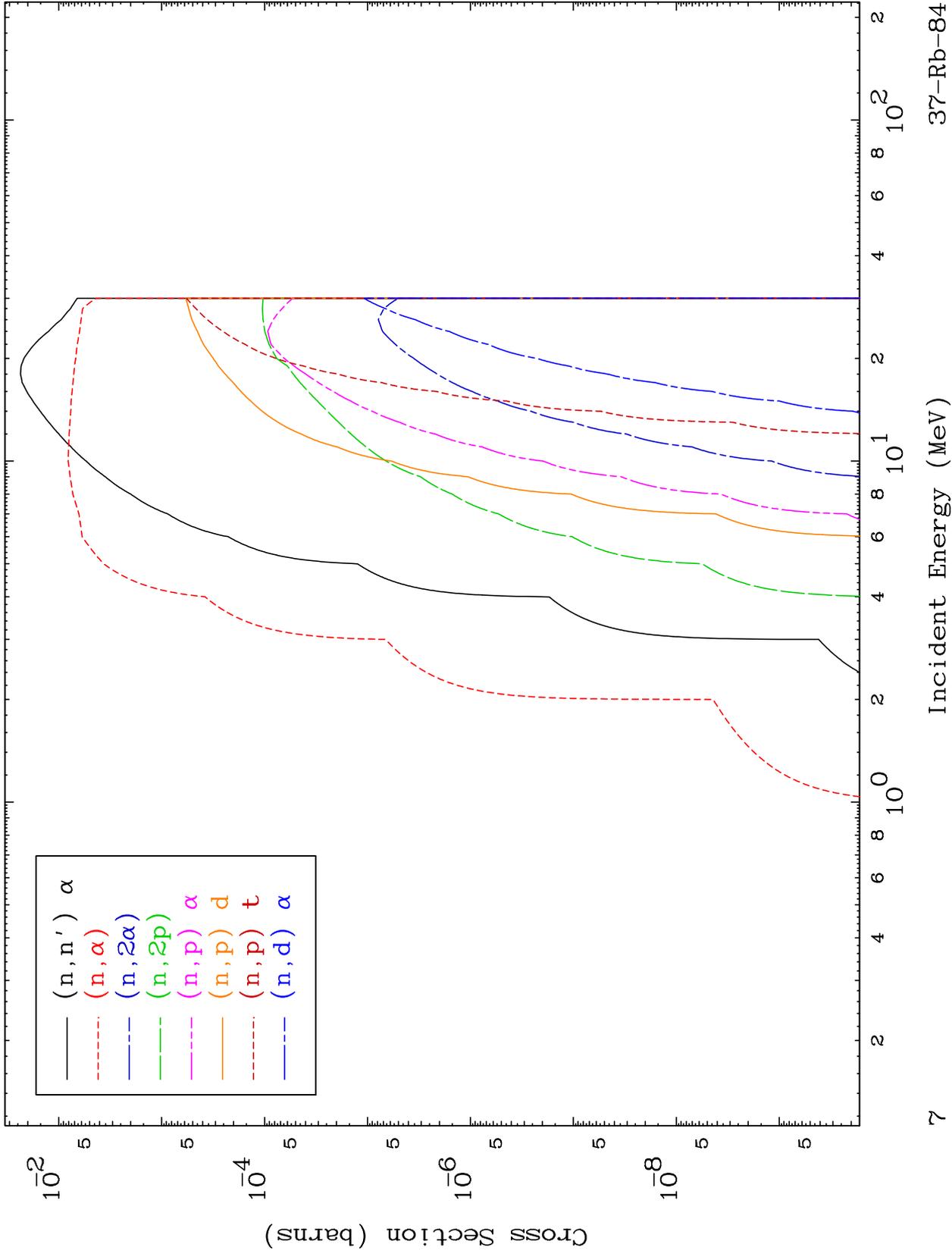


Triton Neutron Absorption
0 Kelvin Cross Sections





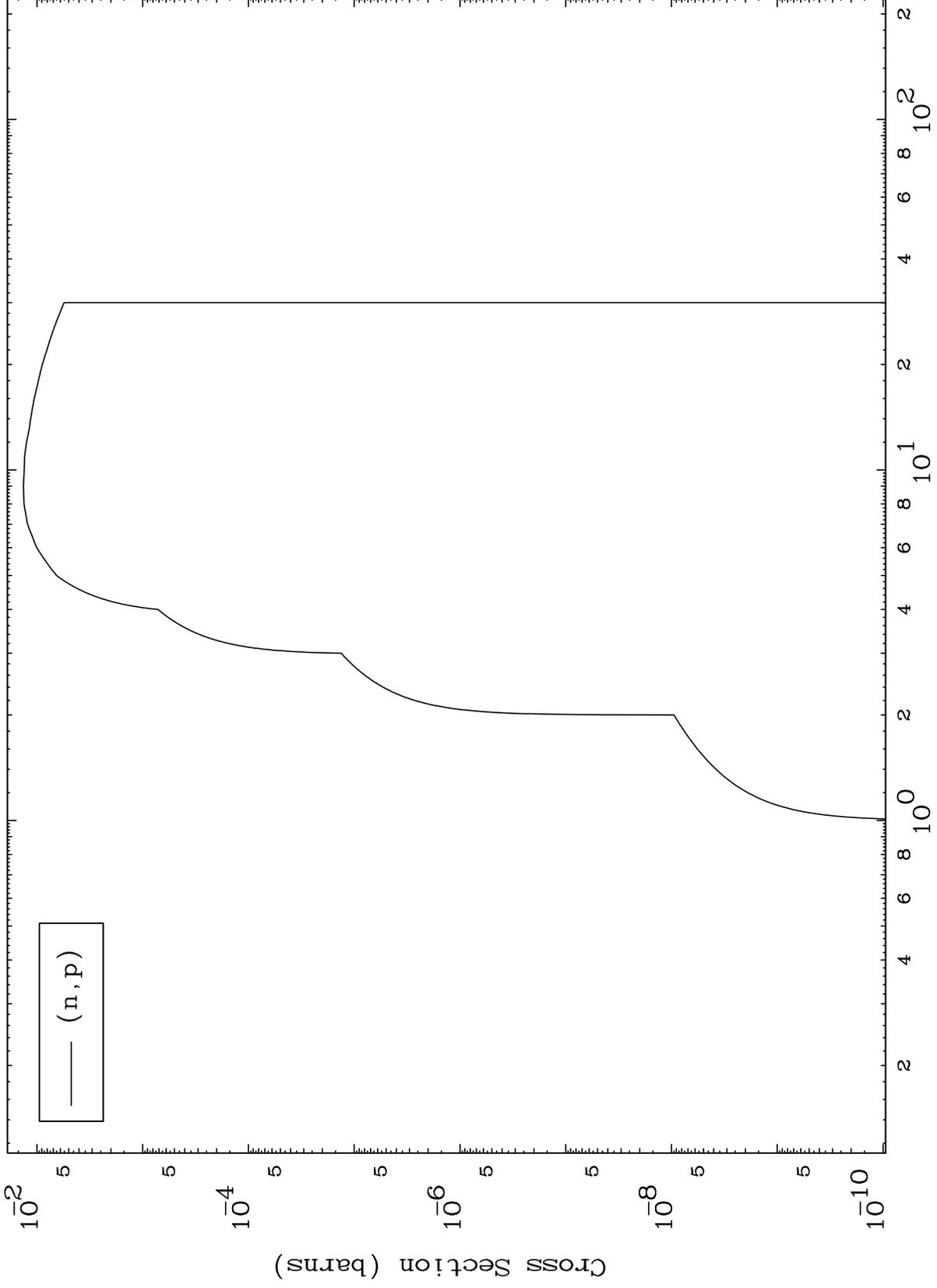




MAT 3722

37-Rb-84

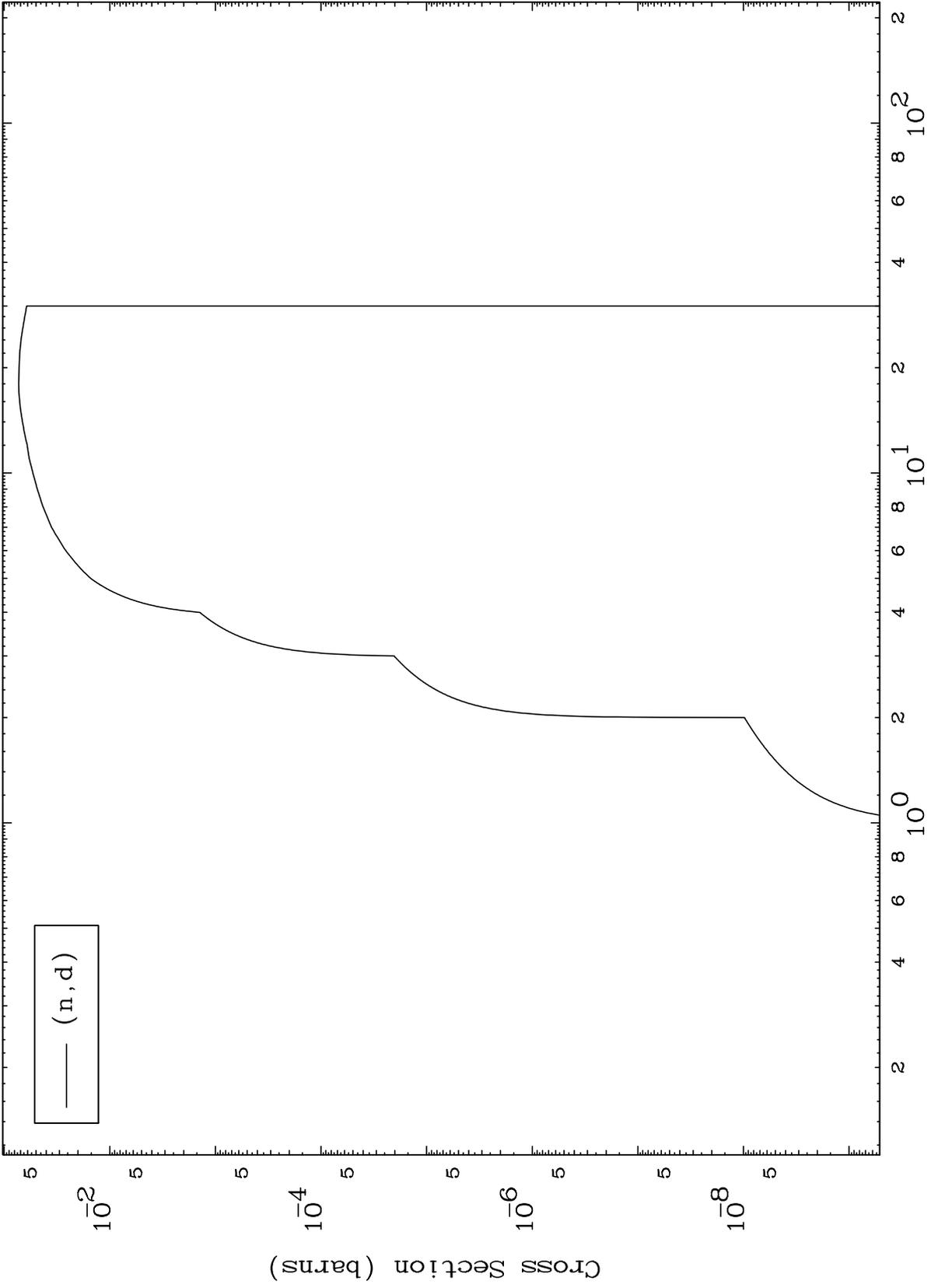
(t,p) Levels
0 Kelvin Cross Sections



MAT 3722

37-Rb-84

(t,d) Levels
0 Kelvin Cross Sections

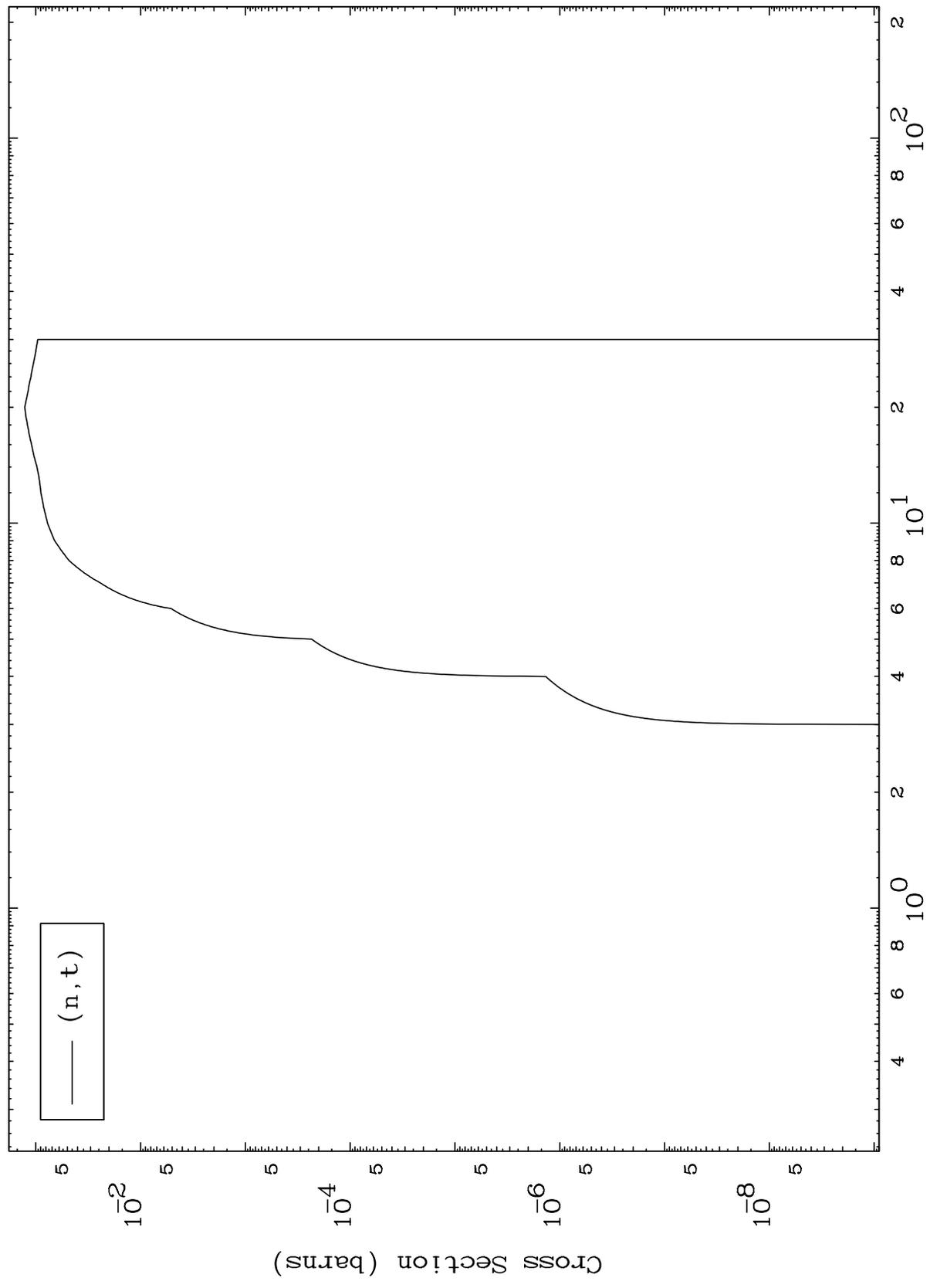


MAT 3722

(t, t) Levels

37-Rb-84

0 Kelvin Cross Sections



10

Incident Energy (MeV)

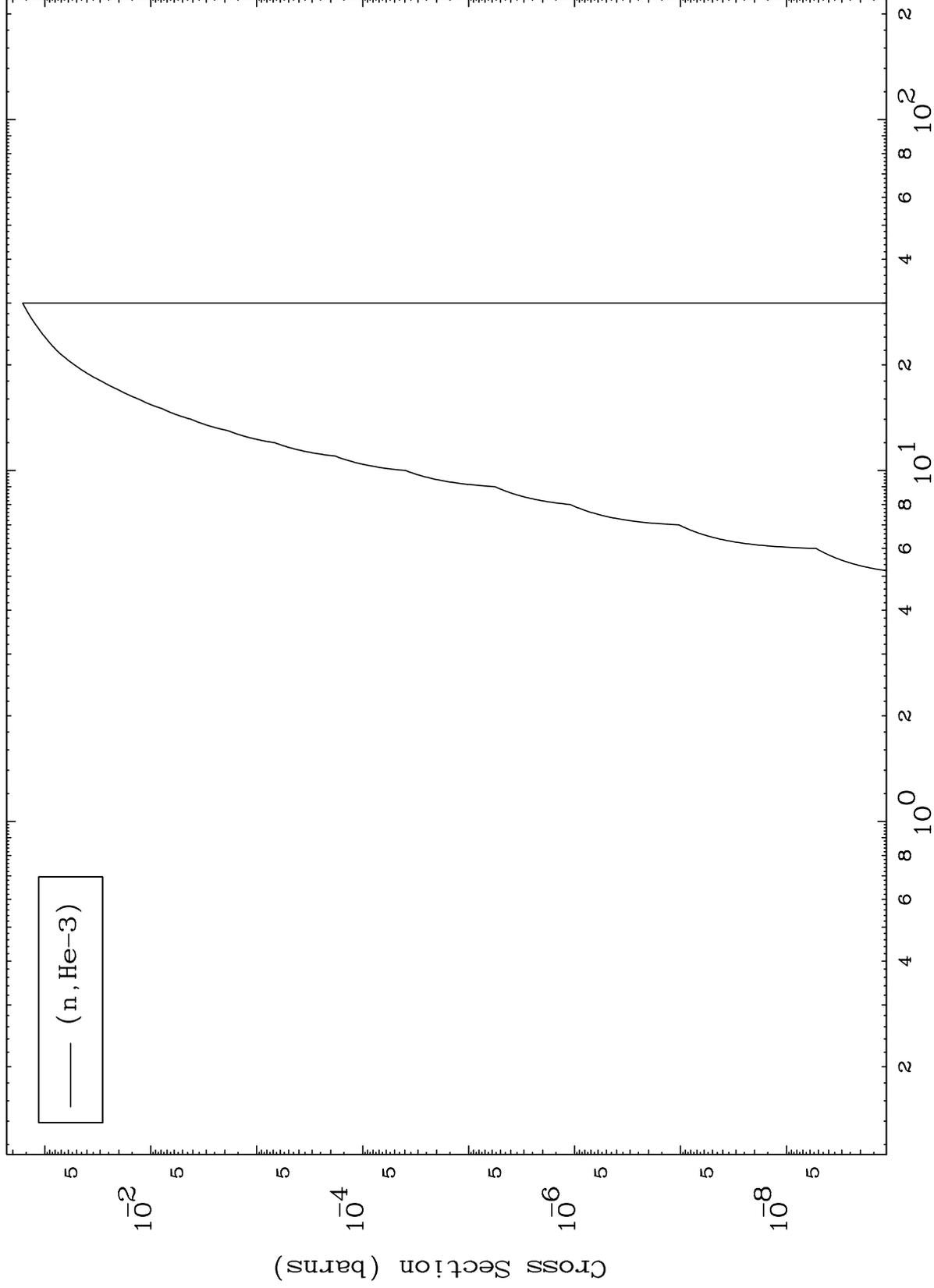
37-Rb-84

MAT 3722

(t,He3) Levels

37-Rb-84

0 Kelvin Cross Sections



11

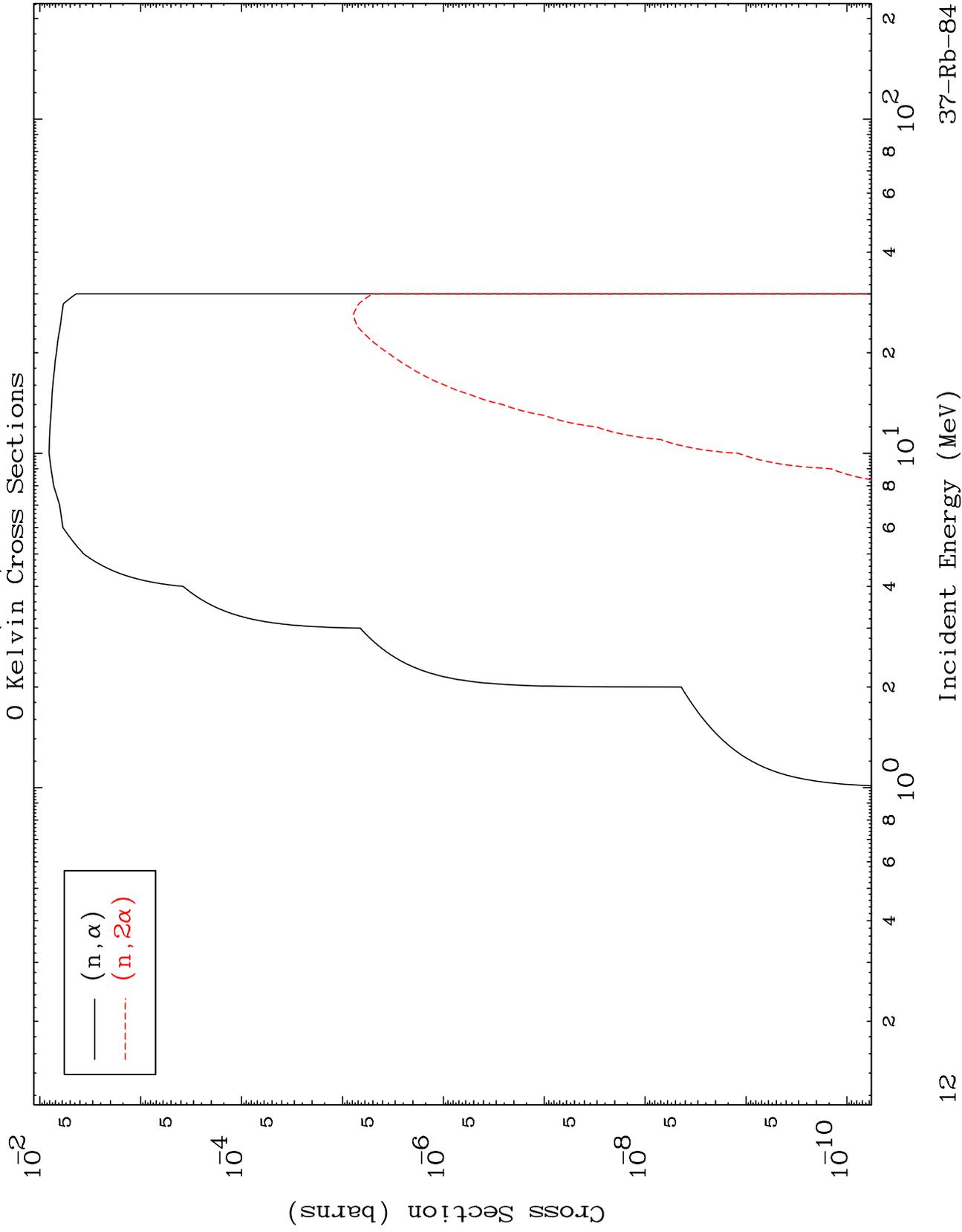
Incident Energy (MeV)

37-Rb-84

MAT 3722

(t, α) Levels

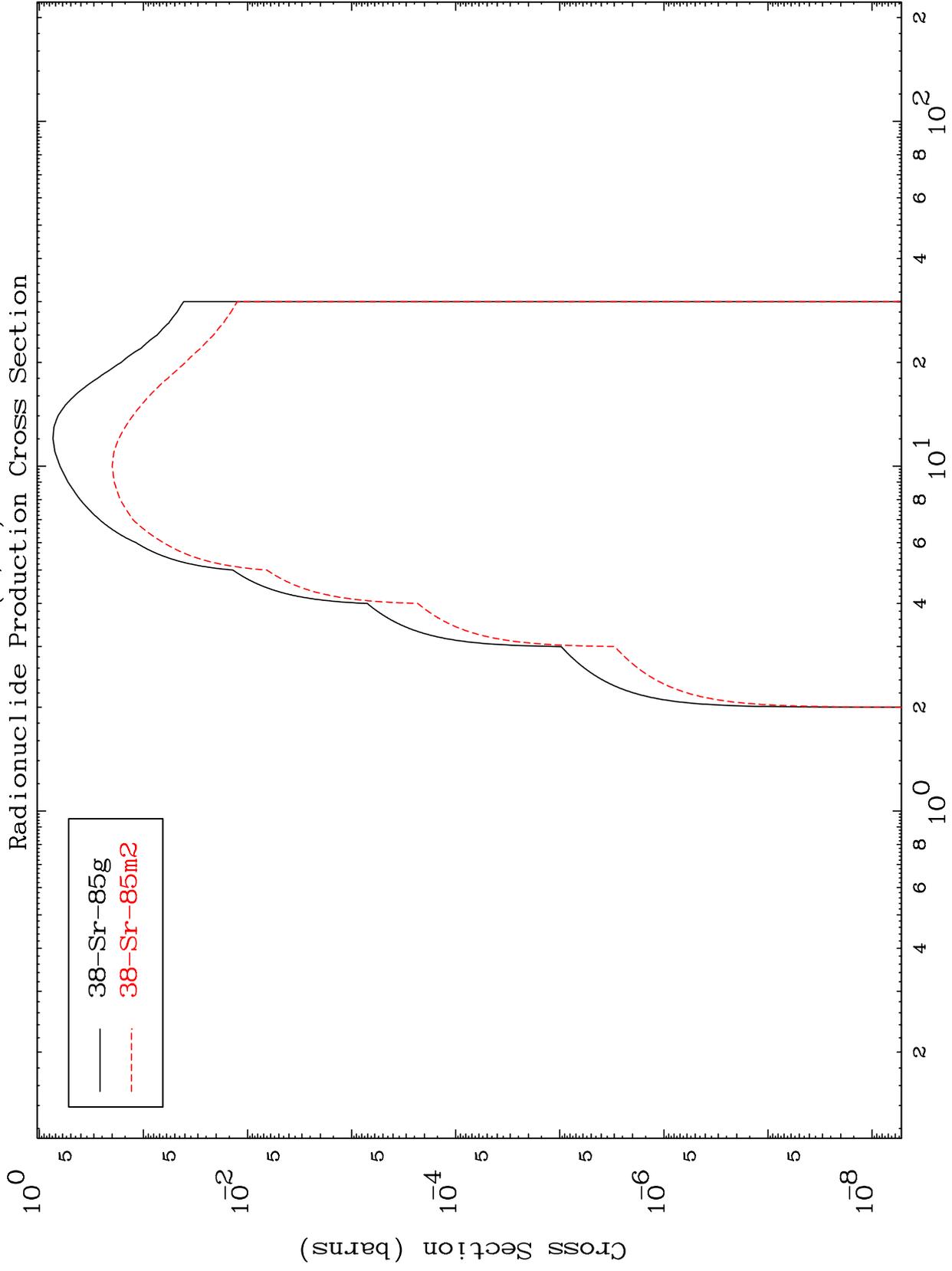
37-Rb-84



MAT 3722

37-Rb-84

Radionuclide Production Cross Section
(n,2n)



37-Rb-84

Incident Energy (MeV)

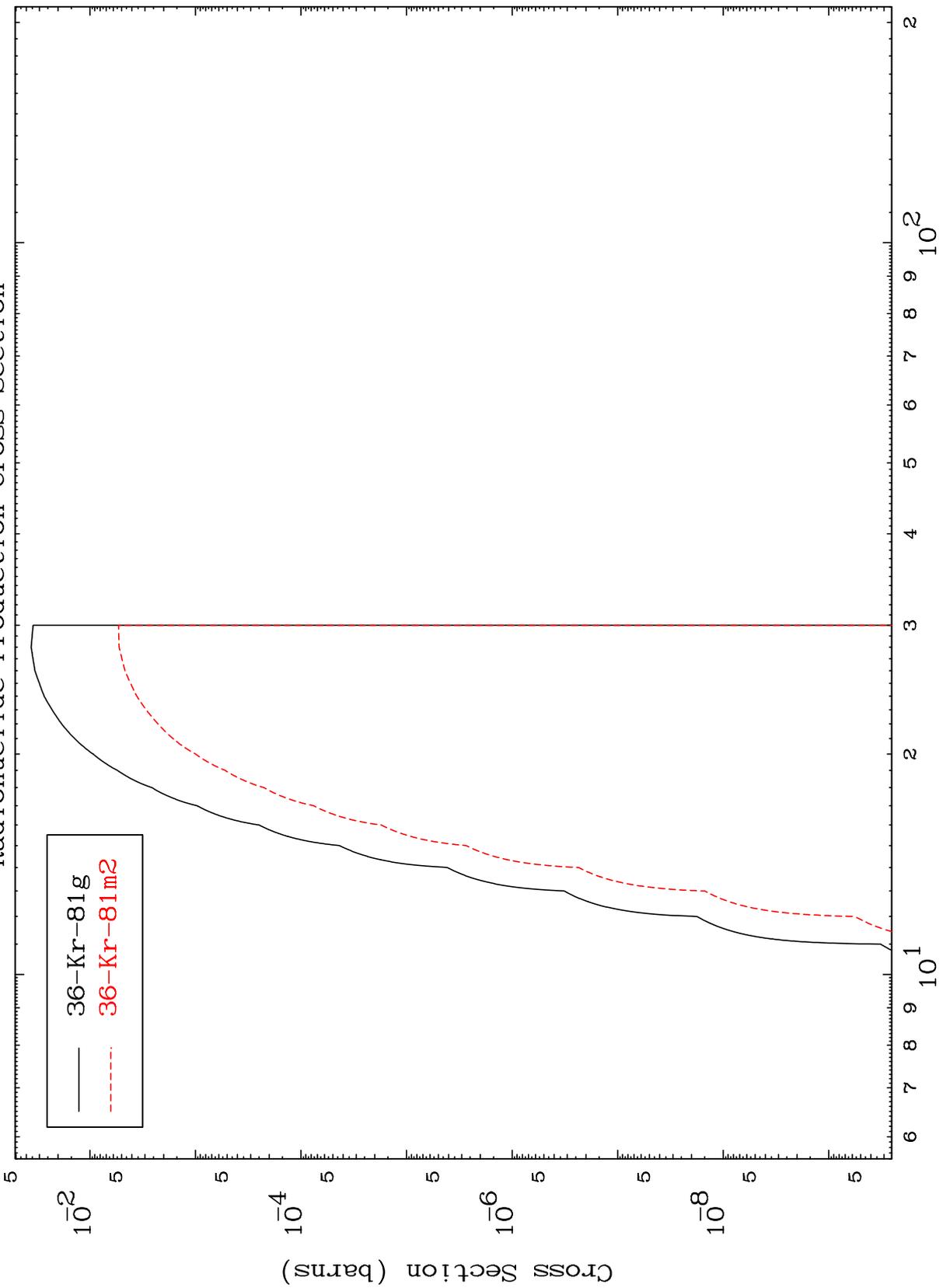
13

MAT 3722

37-Rb-84

(n,2n) α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

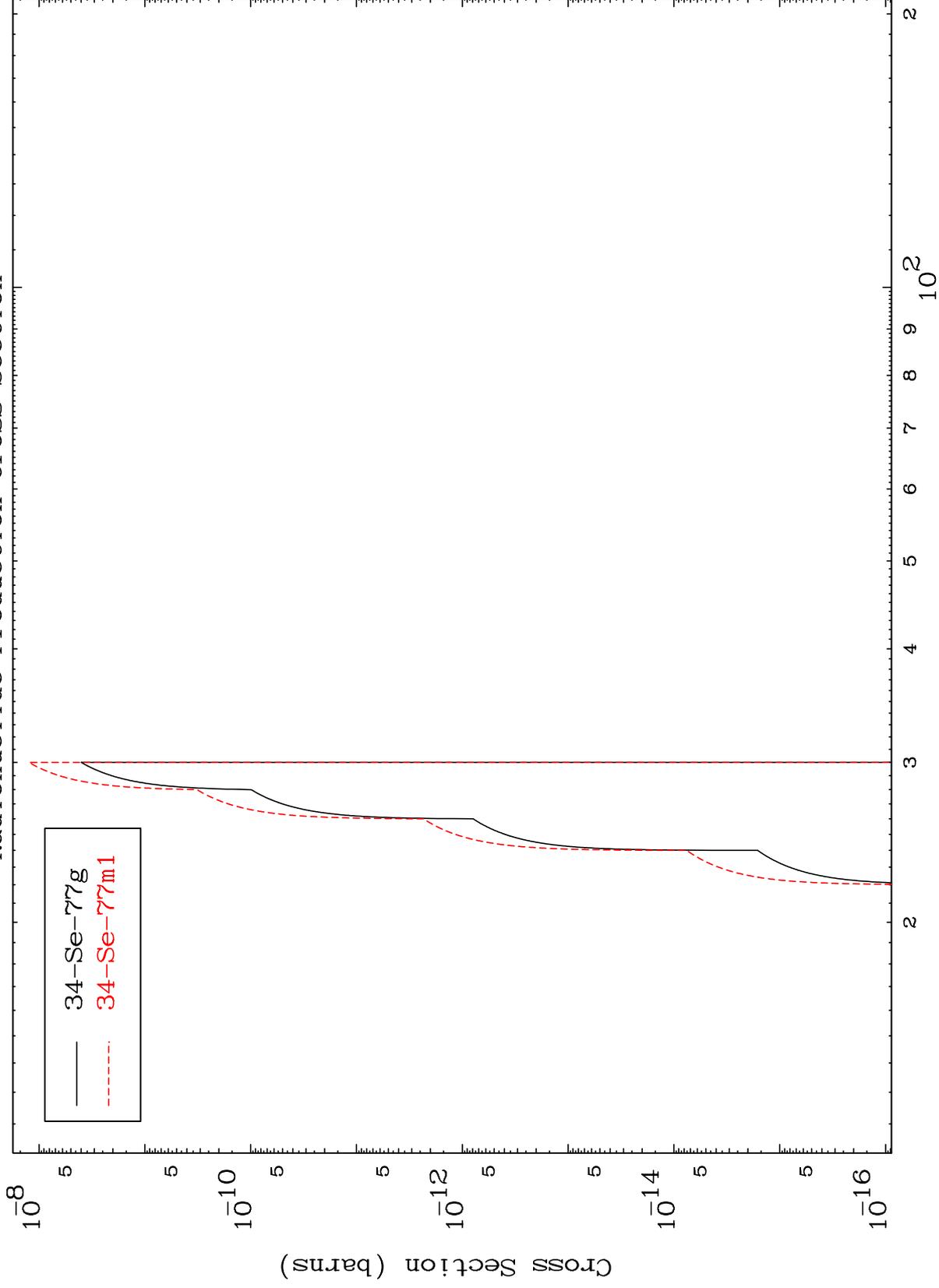
37-Rb-84

MAT 3722

(n,2n) 2α

37-Rb-84

Radionuclide Production Cross Section



15

Incident Energy (MeV)

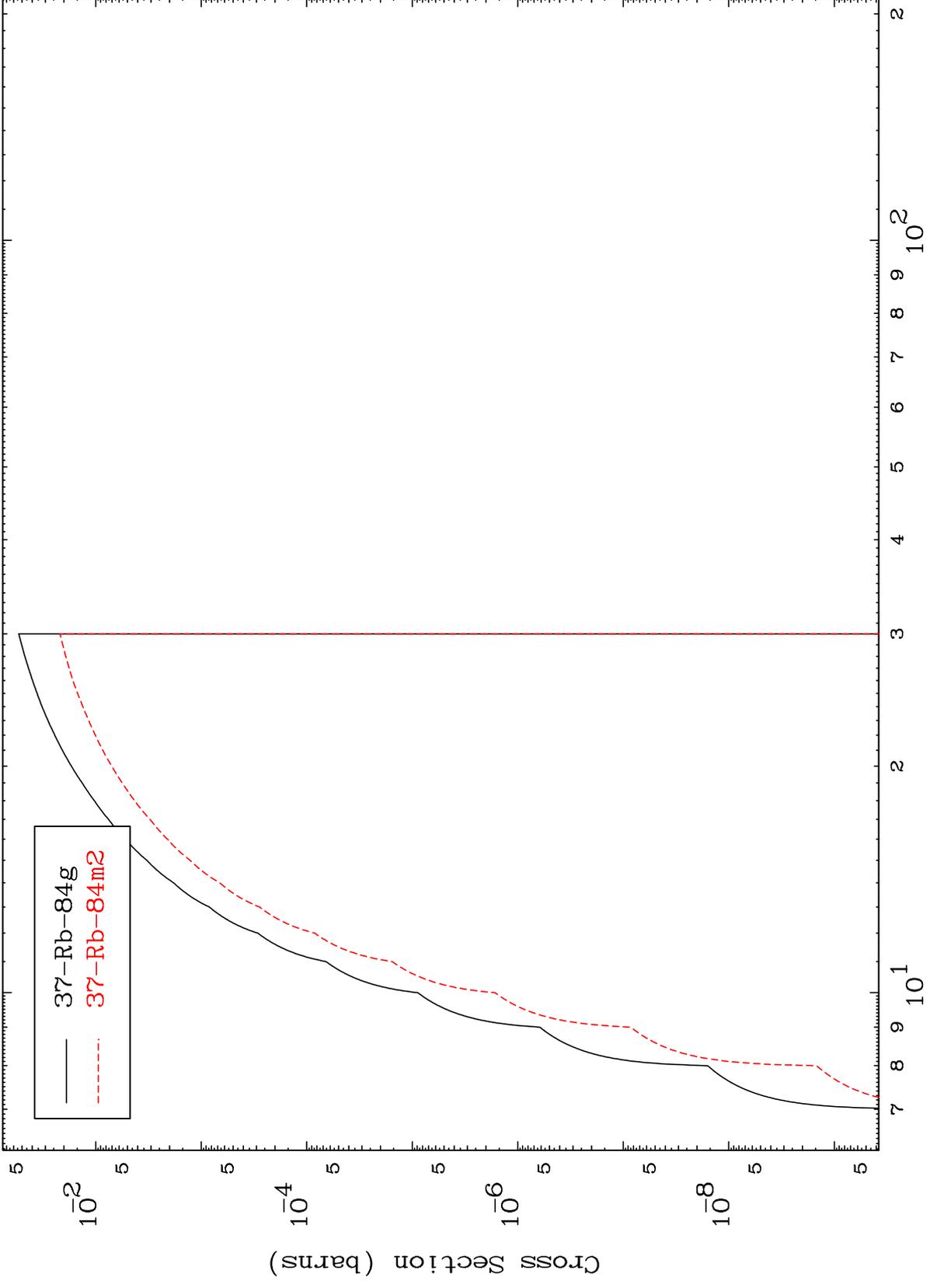
37-Rb-84

MAT 3722

(n,n') d

37-Rb-84

Radionuclide Production Cross Section



16

Incident Energy (MeV)

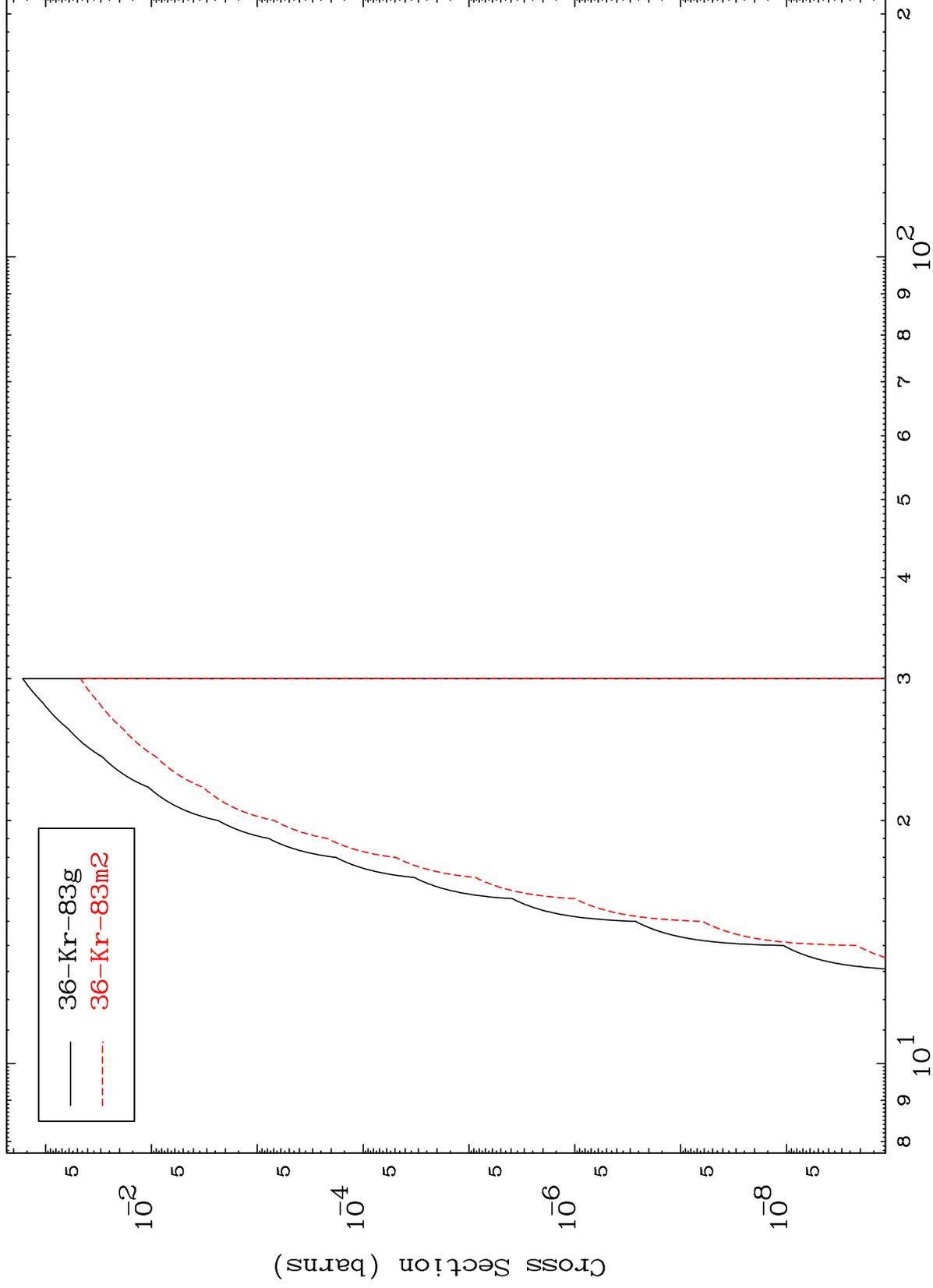
37-Rb-84

MAT 3722

(n,n') He-3

37-Rb-84

Radionuclide Production Cross Section



17

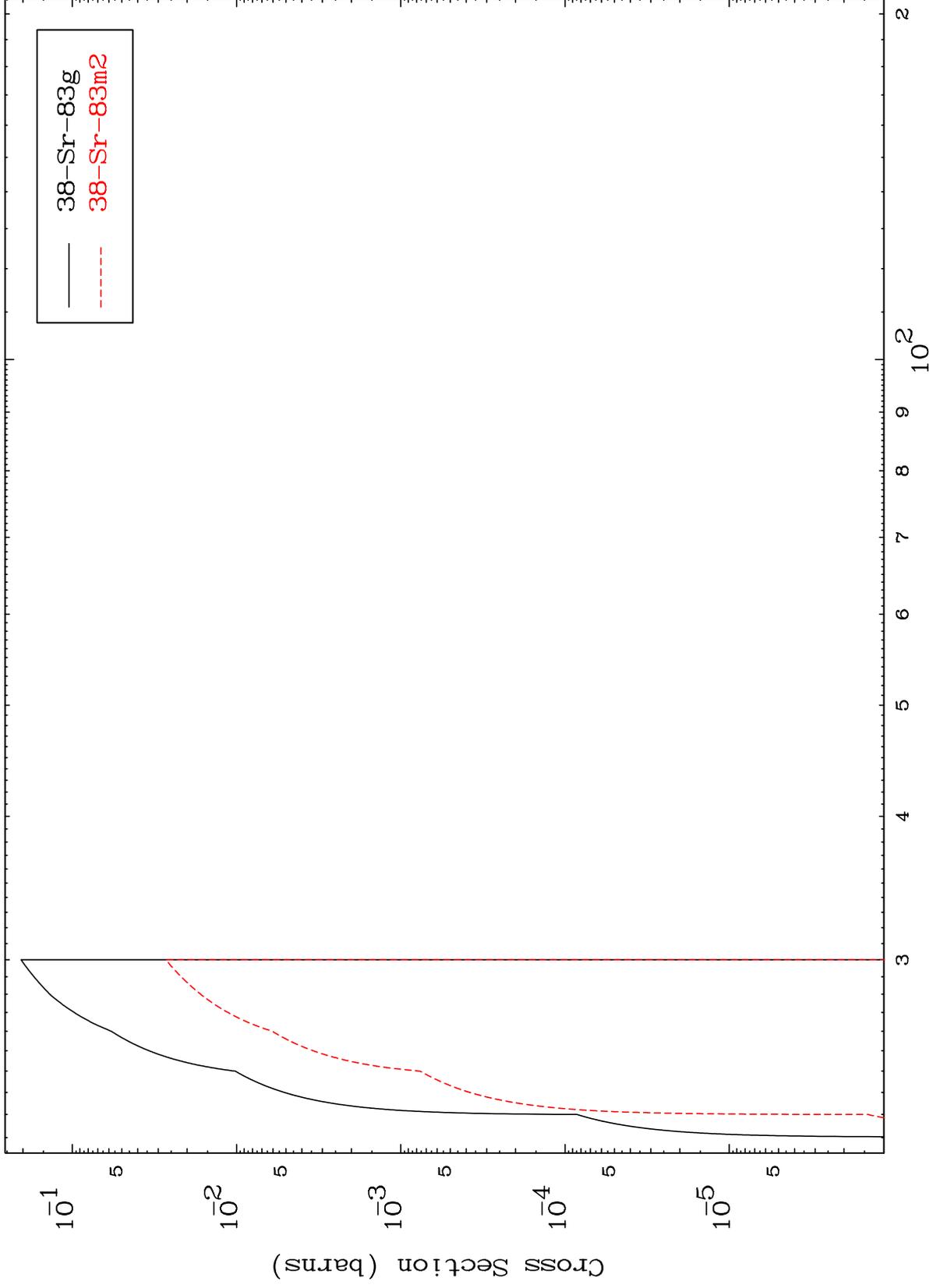
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,4n)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

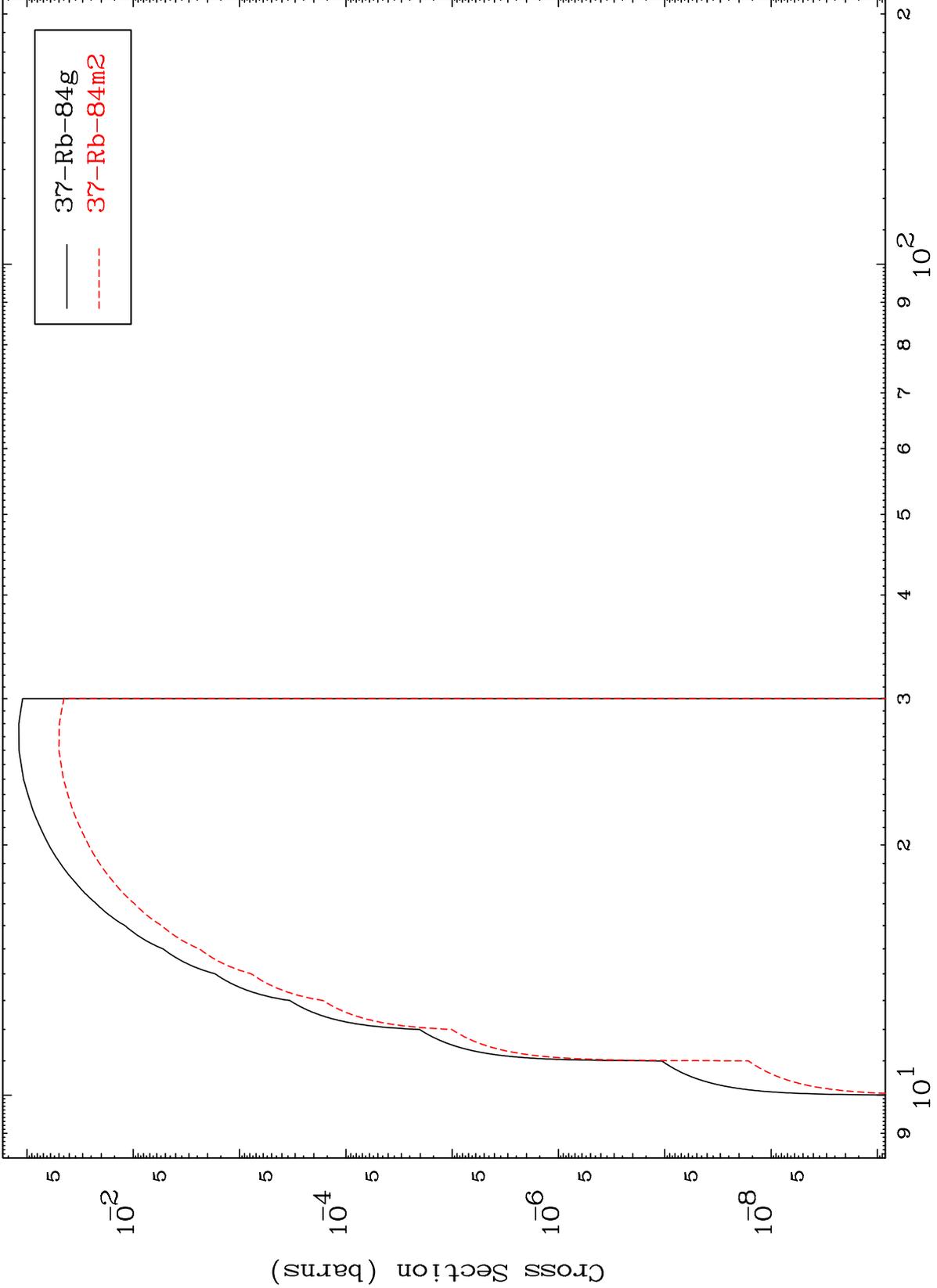
37-Rb-84

MAT 3722

(n,2n) p

³⁷Rb-84

Radionuclide Production Cross Section



19

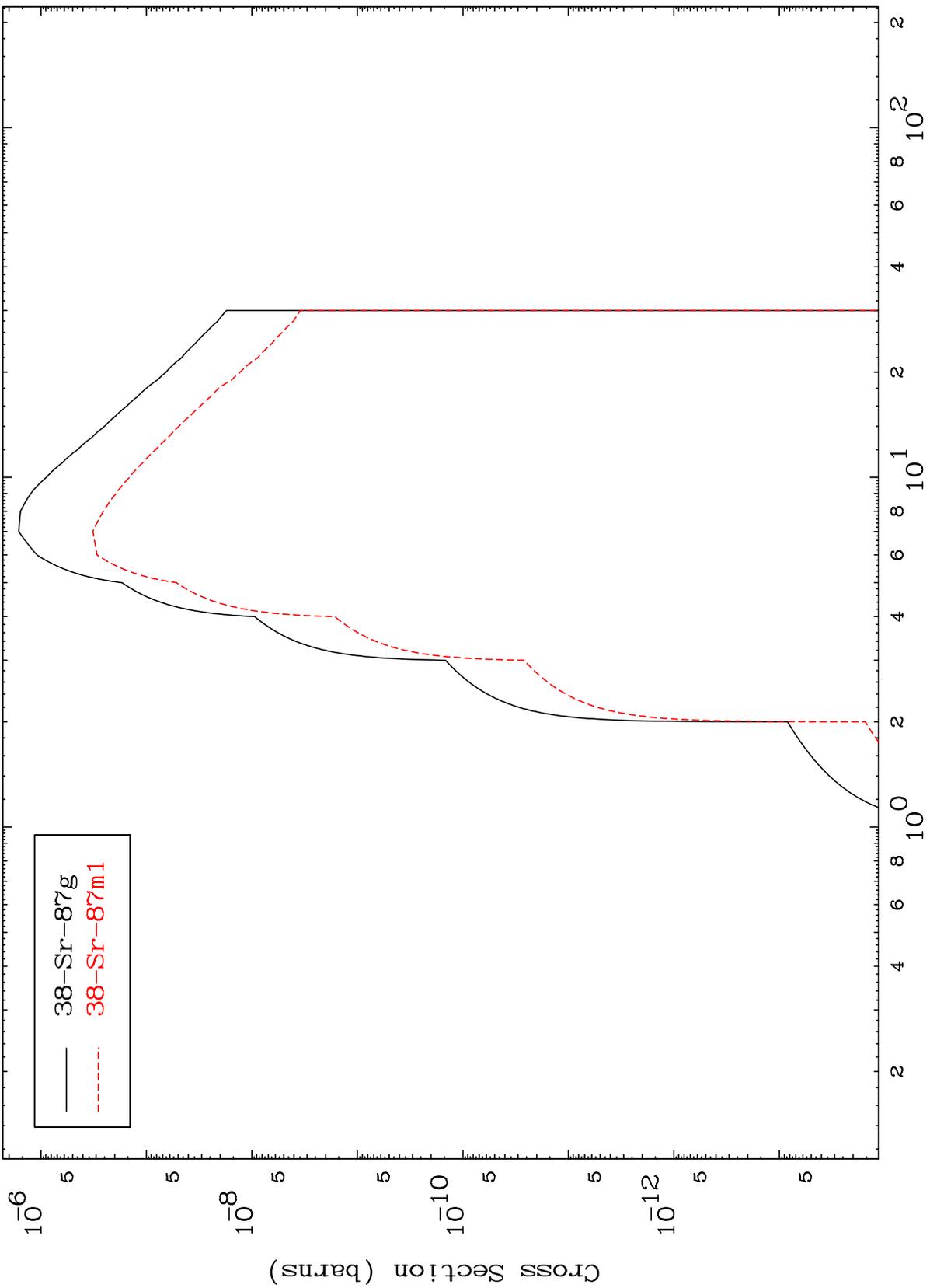
Incident Energy (MeV)

³⁷Rb-84

MAT 3722

37-Rb-84

(n, γ)
Radionuclide Production Cross Section



— 38-Sr-87g
- - - 38-Sr-87m1

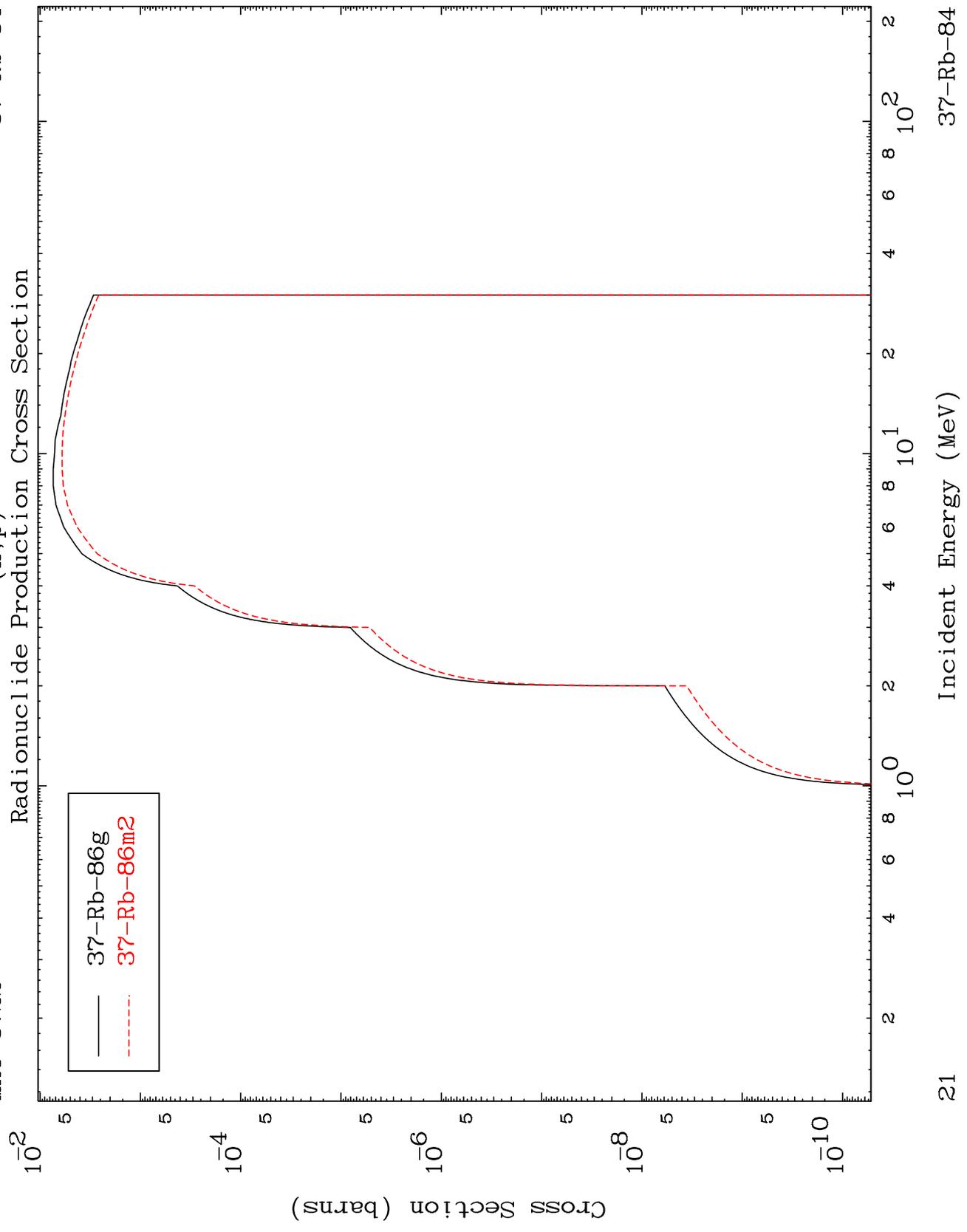
20

Incident Energy (MeV)

37-Rb-84

MAT 3722

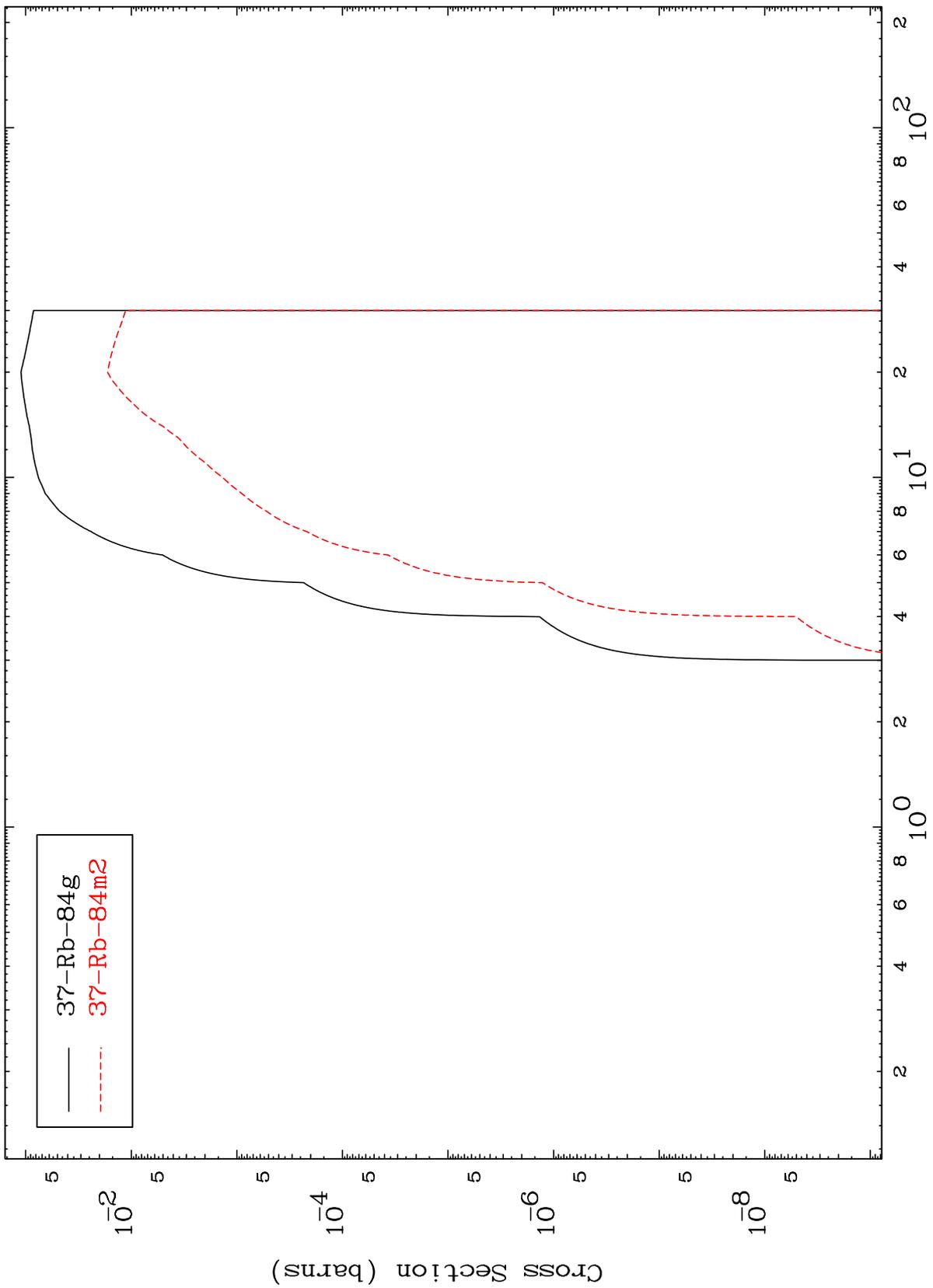
37-Rb-84



MAT 3722

37-Rb-84

(n, t)
Radionuclide Production Cross Section



37-Rb-84

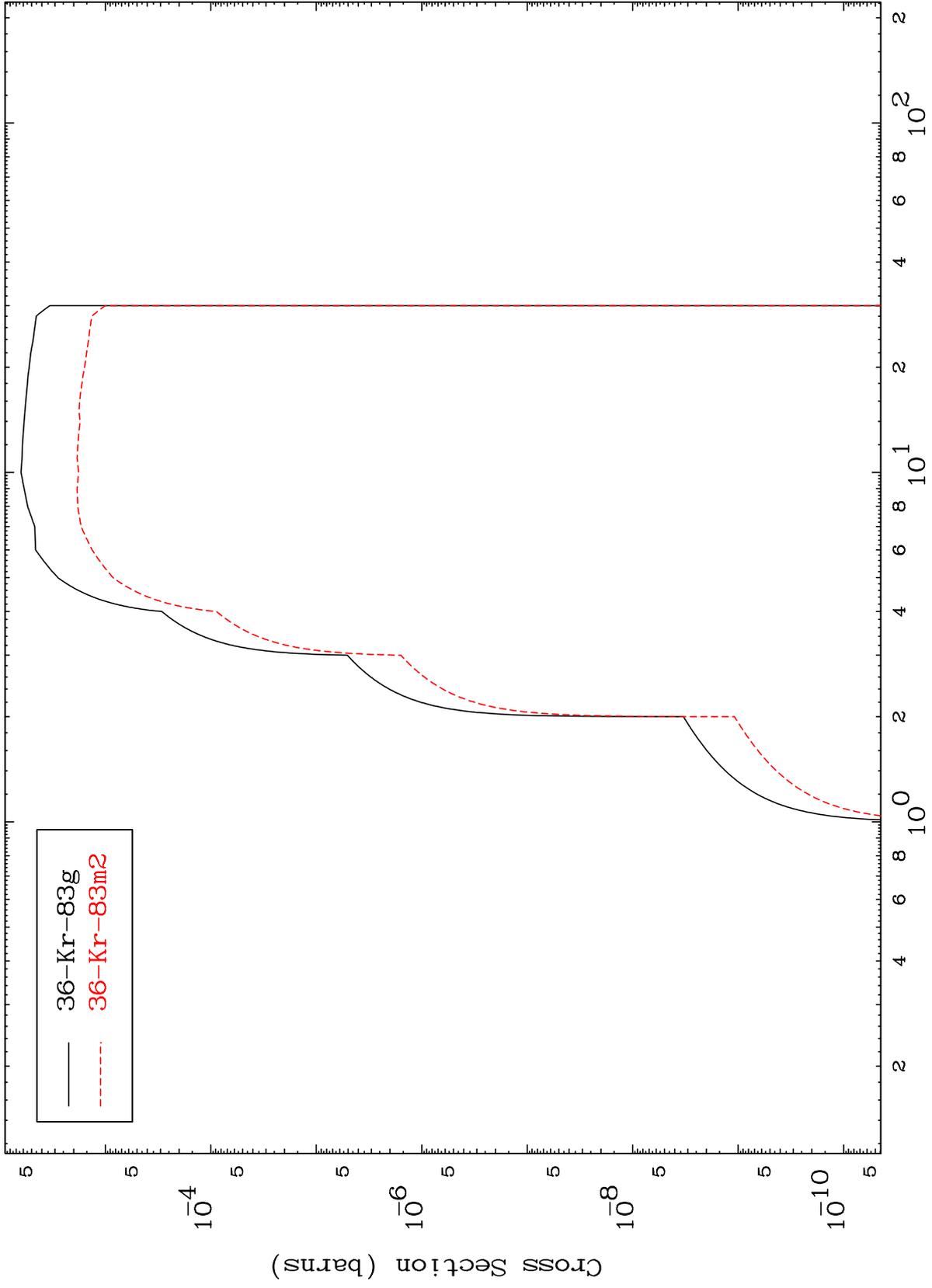
Incident Energy (MeV)

22

MAT 3722

37-Rb-84

Radionuclide Production Cross Section
(n, α)

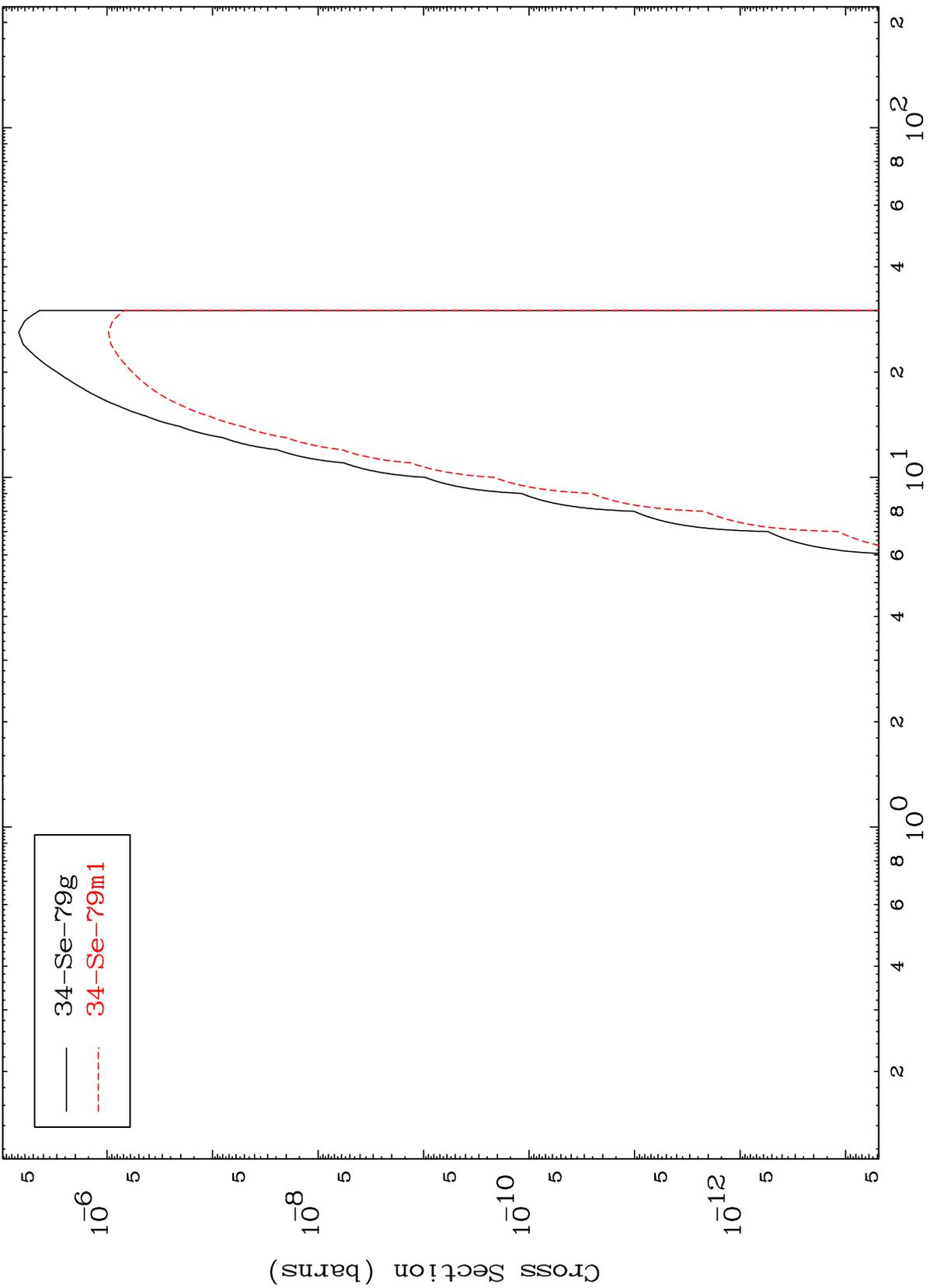


— 36-Kr-83g
- - - 36-Kr-83m2

MAT 3722

37-Rb-84

Radionuclide Production Cross Section
(n,2 α)



37-Rb-84

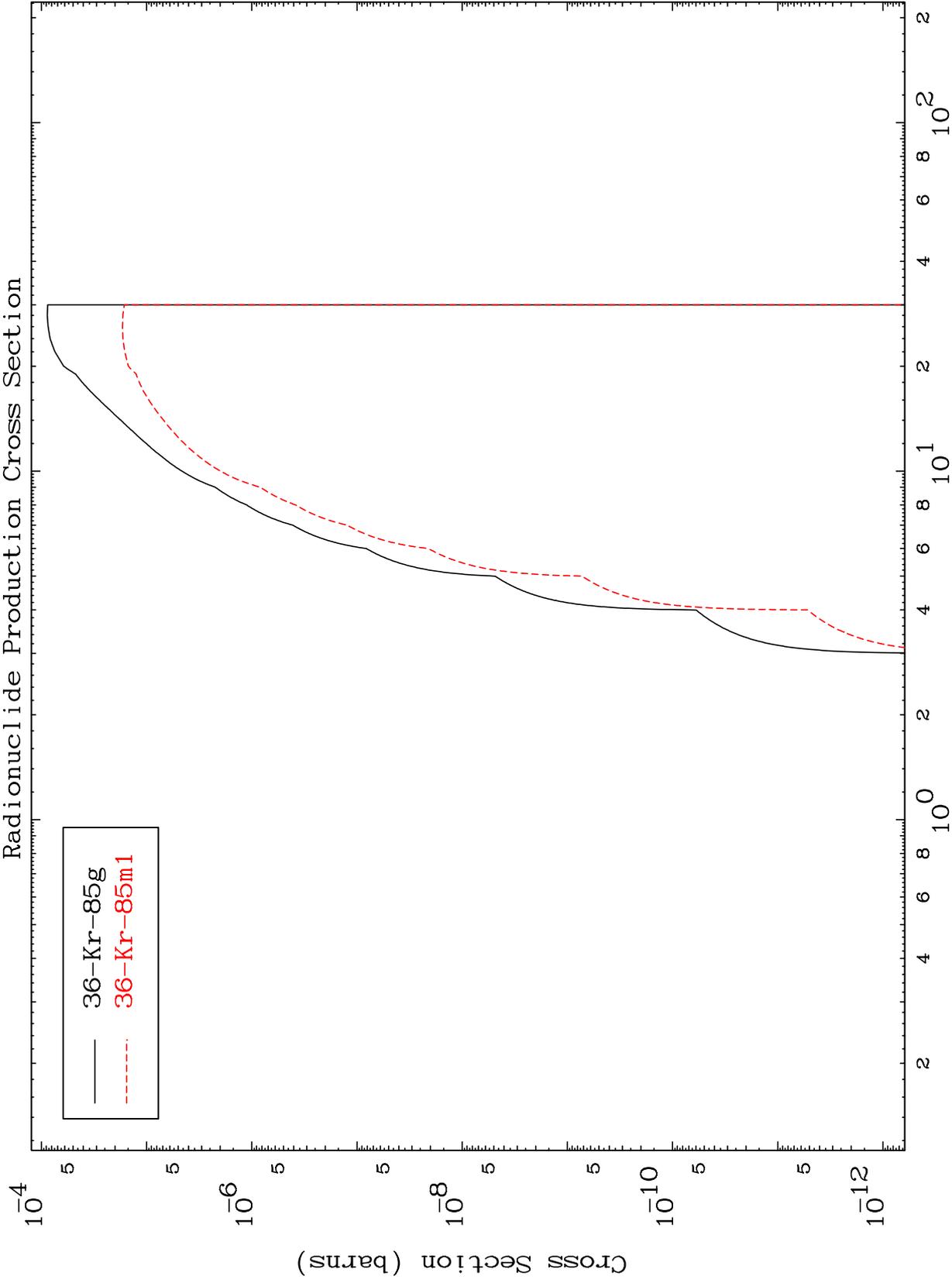
Incident Energy (MeV)

24

MAT 3722

37-Rb-84

(n,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

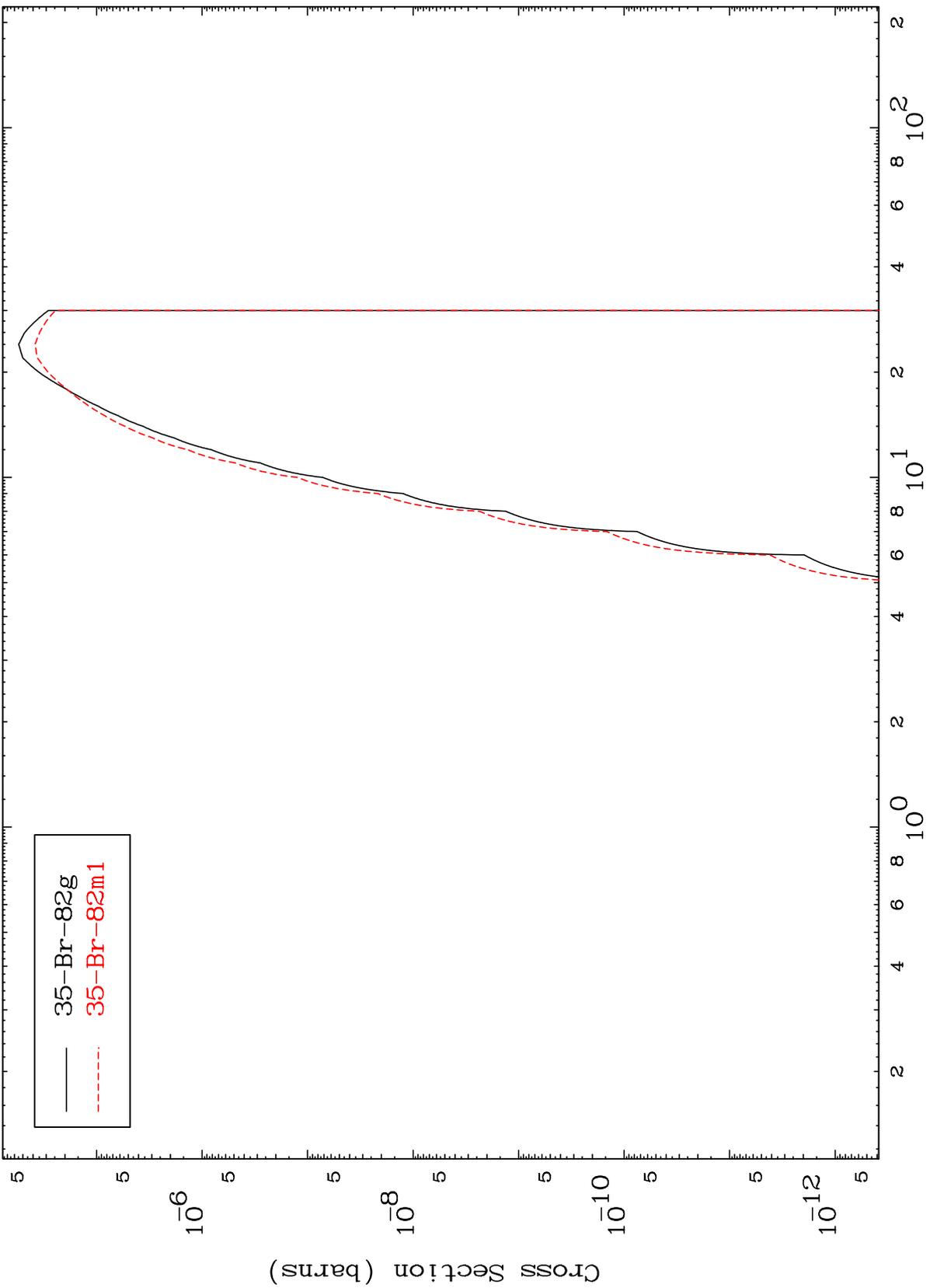
37-Rb-84

MAT 3722

(n,p) α

37-Rb-84

Radionuclide Production Cross Section

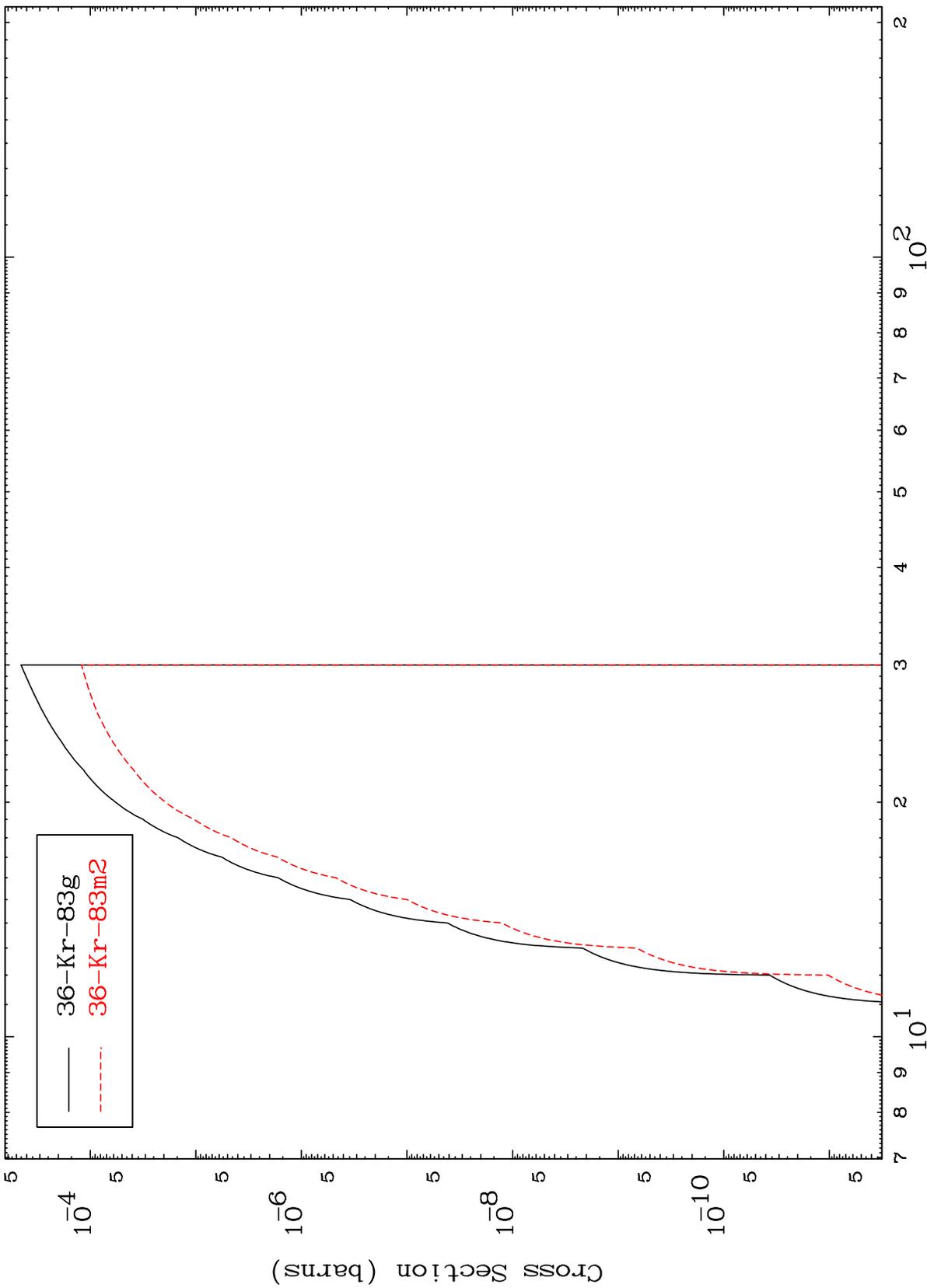


MAT 3722

(n,p) t

37-Rb-84

Radionuclide Production Cross Section



27

Incident Energy (MeV)

37-Rb-84