

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

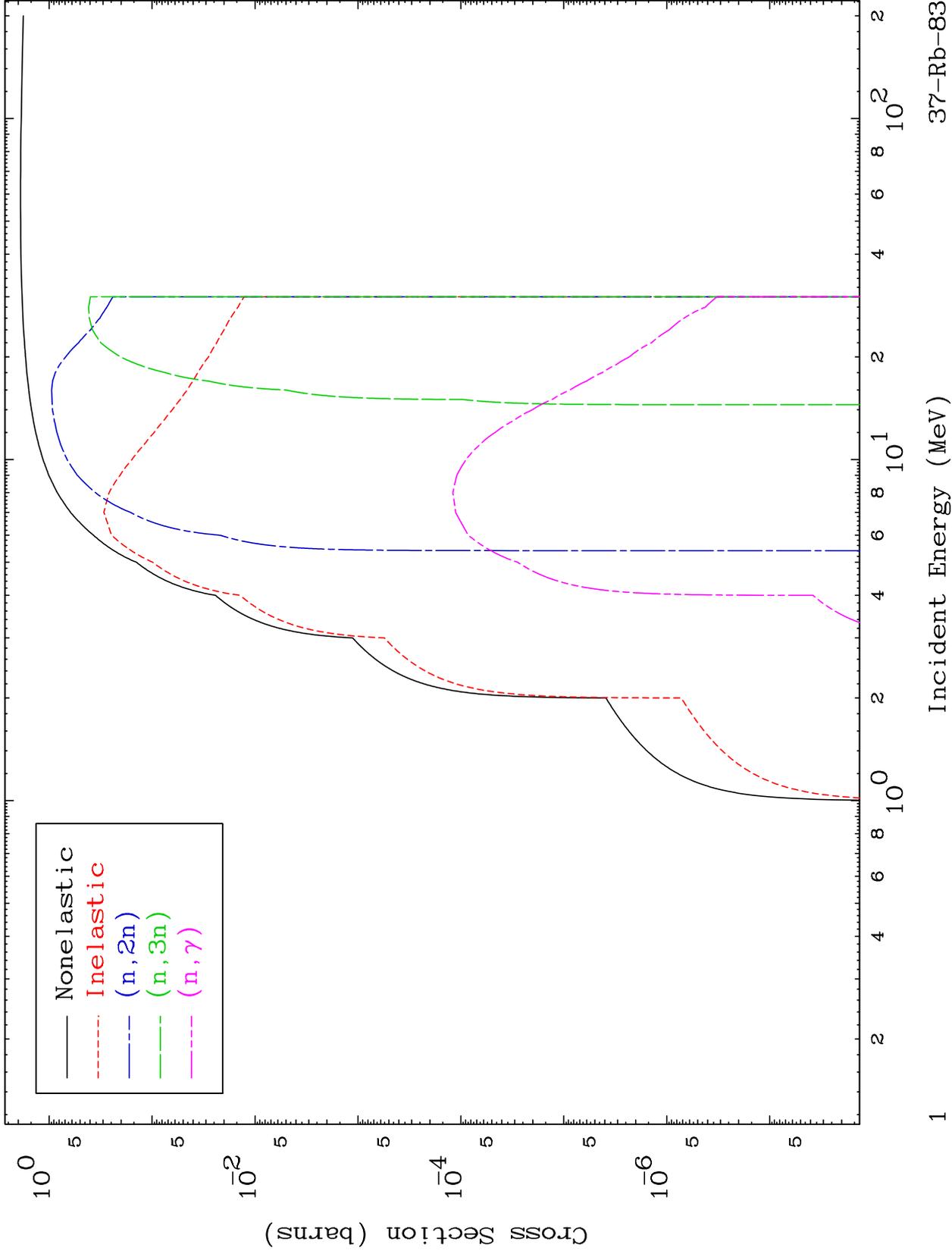
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

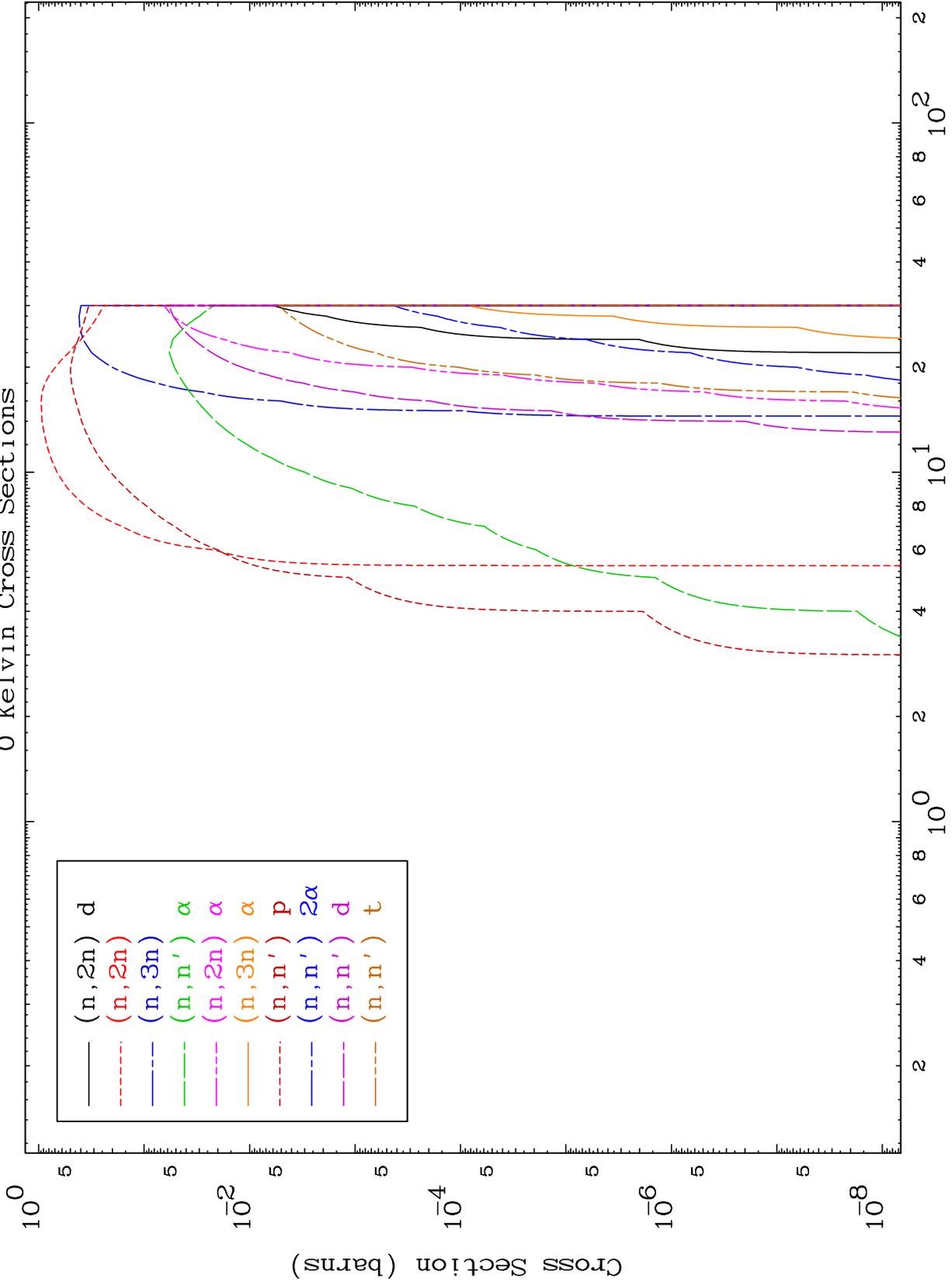
Tele: 925-443-1911

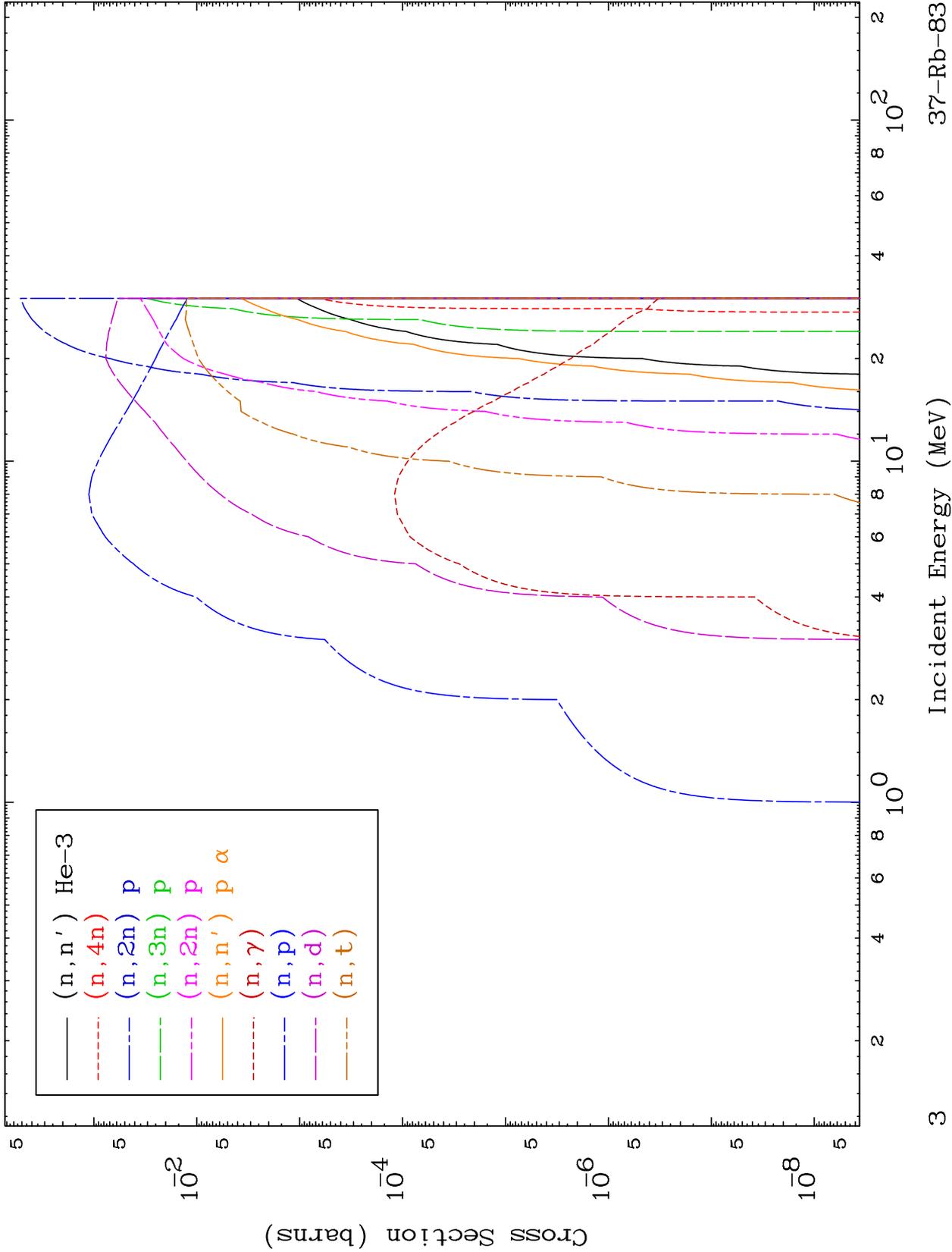
E.Mail:redcullen1@comcast.net

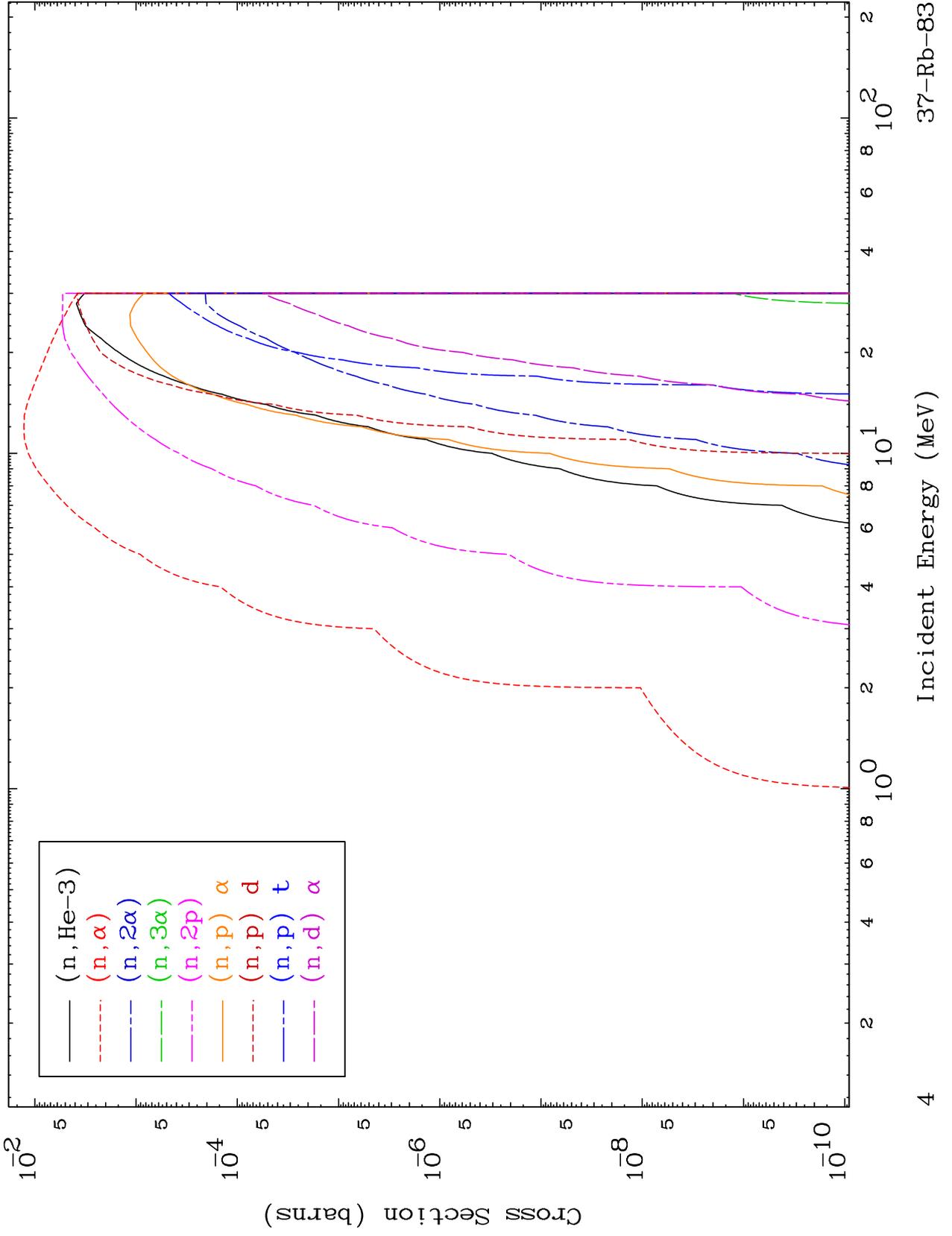
Web:redcullen1.net/HOMEPAGE.NEW

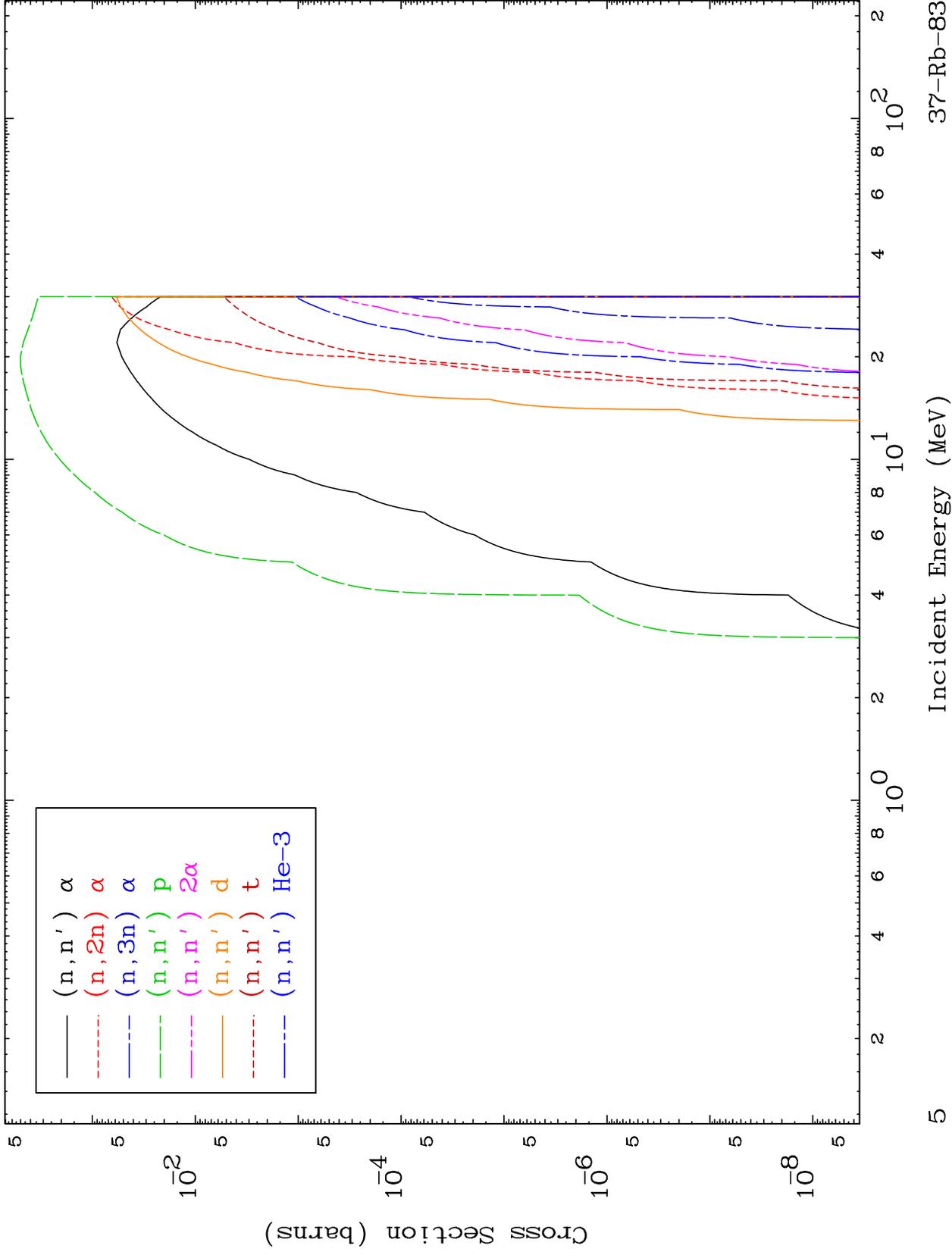
Press Mouse Button to Start

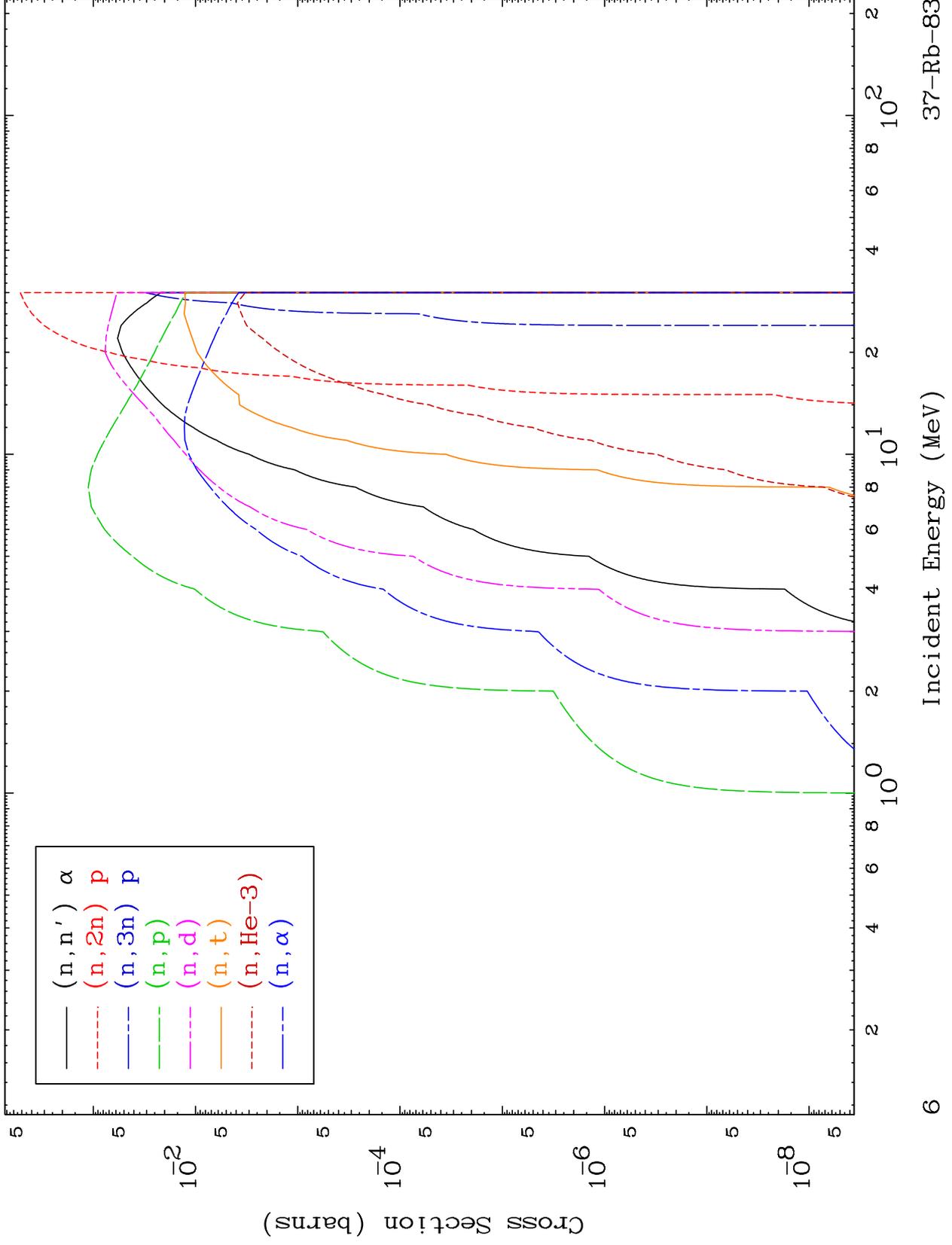


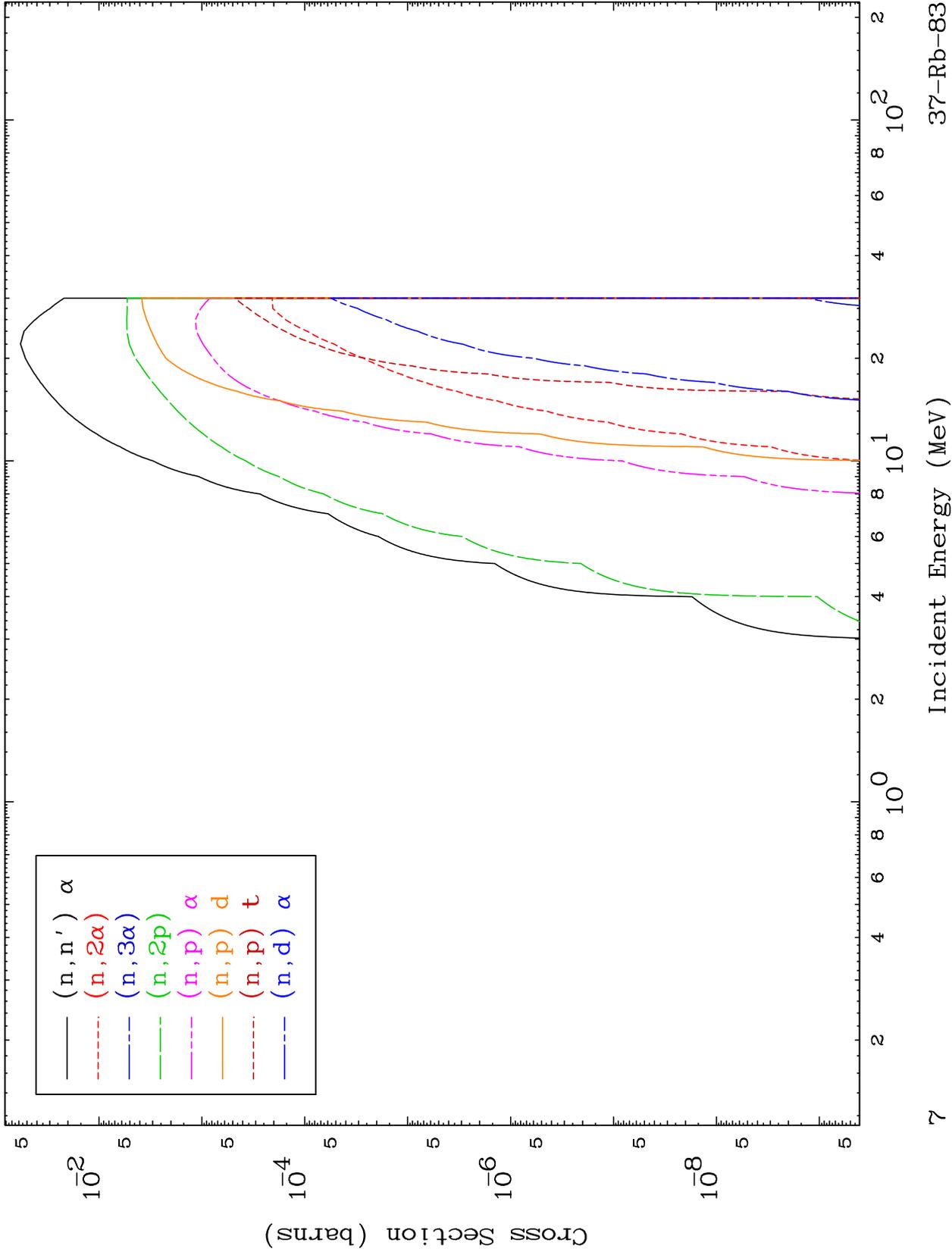








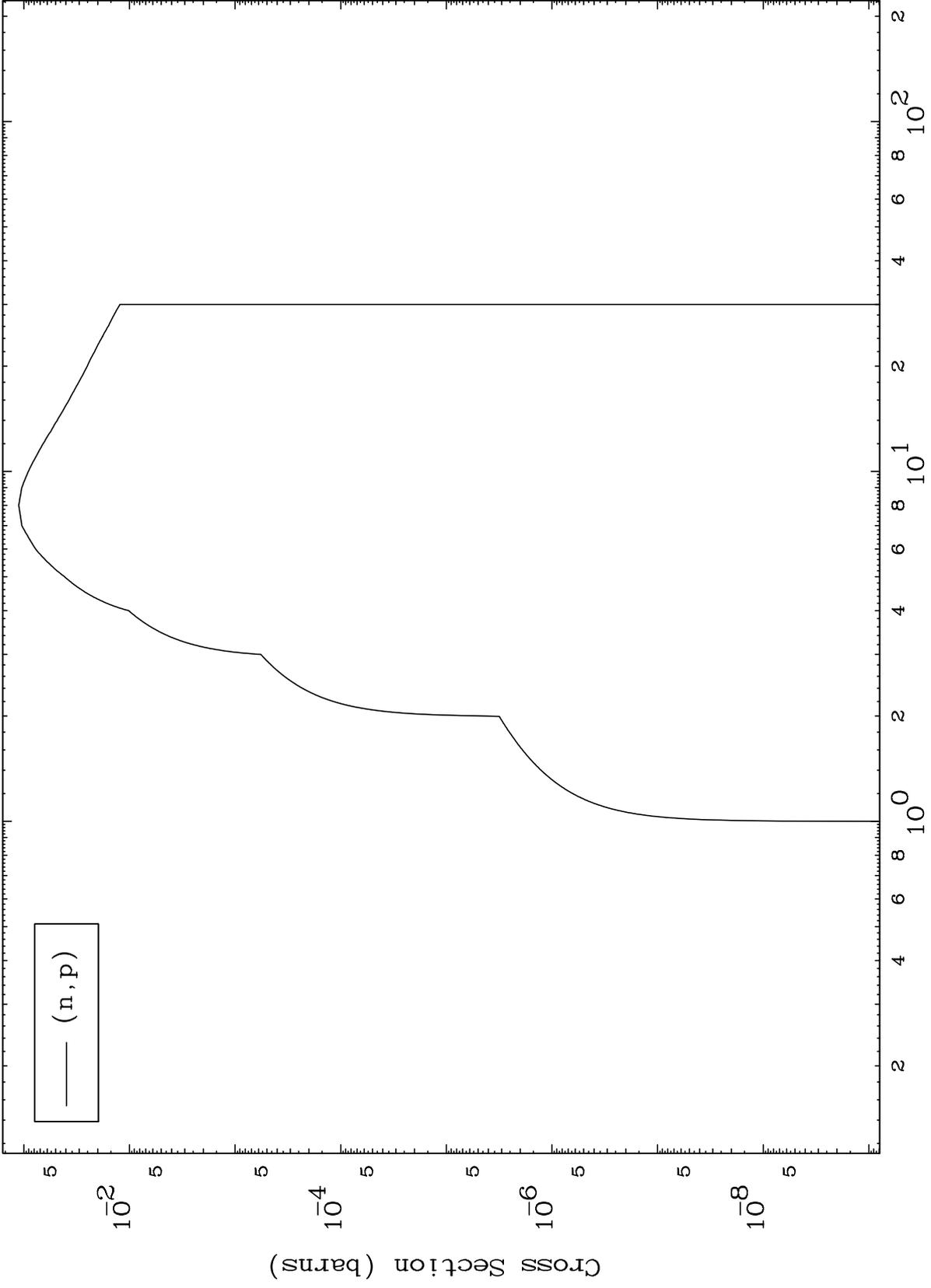




MAT 3719

(d,p) Levels
0 Kelvin Cross Sections

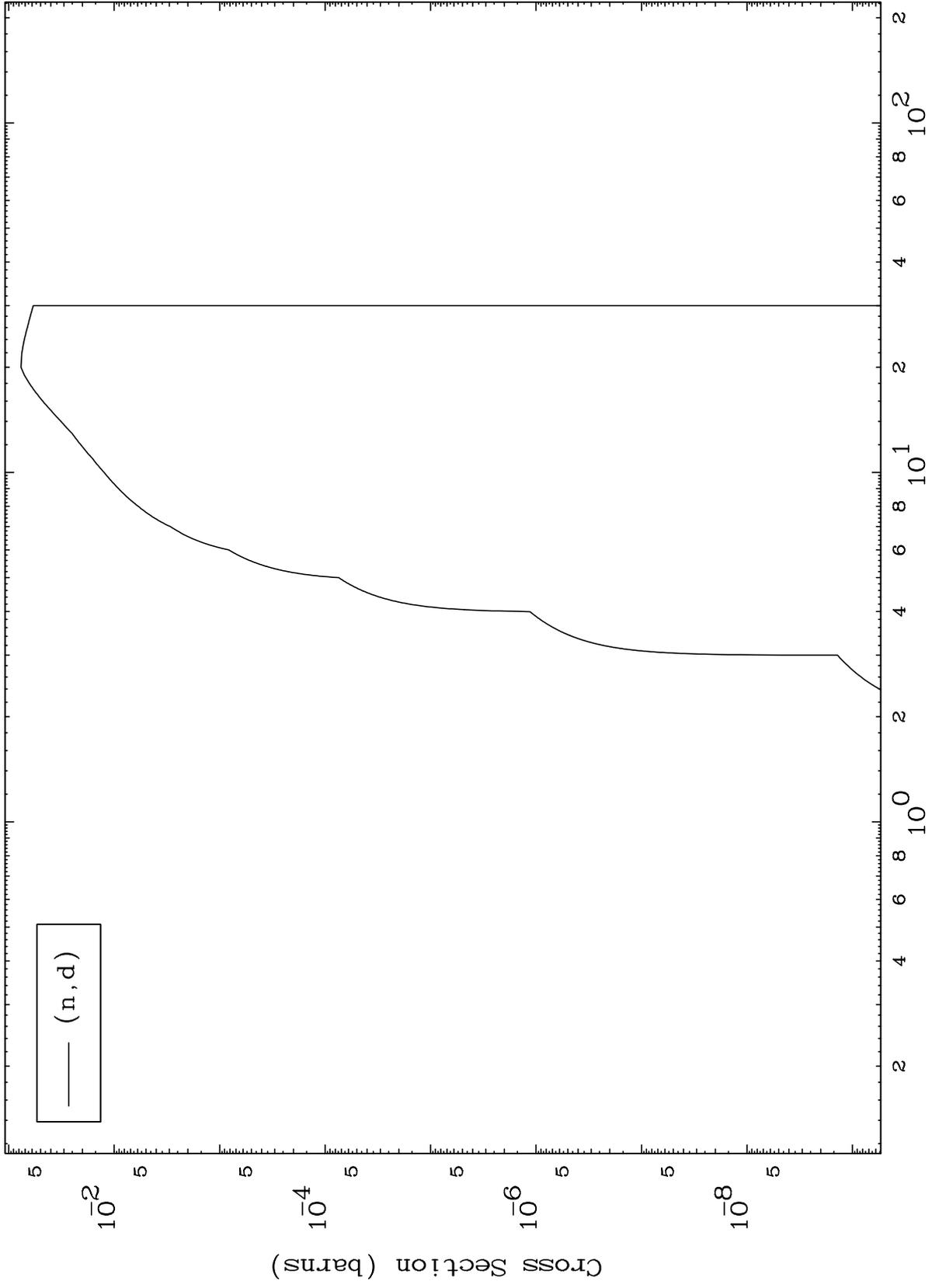
37-Rb-83



MAT 3719

(d,d) Levels
0 Kelvin Cross Sections

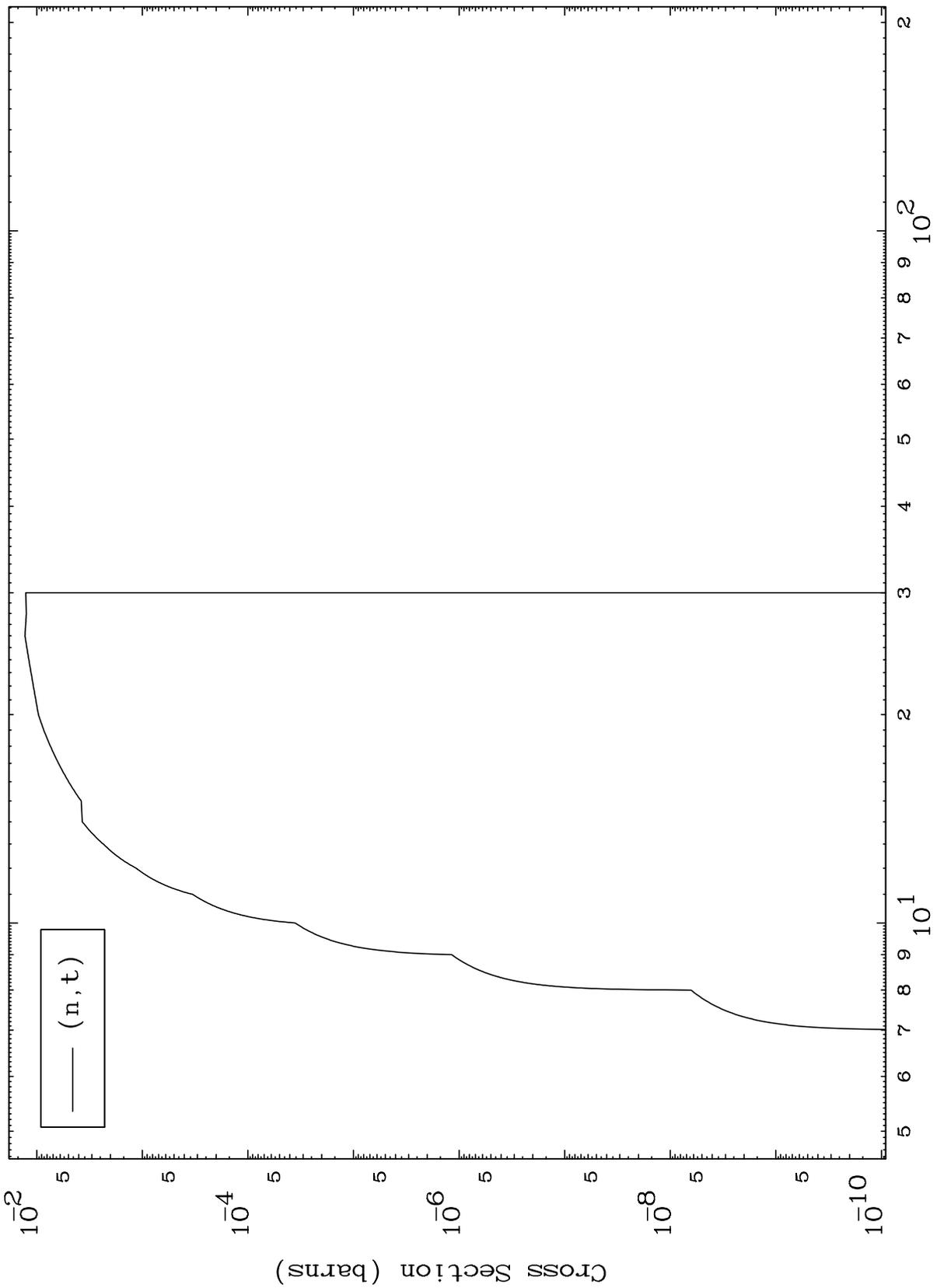
37-Rb-83



MAT 3719

37-Rb-83

(d,t) Levels
0 Kelvin Cross Sections



37-Rb-83

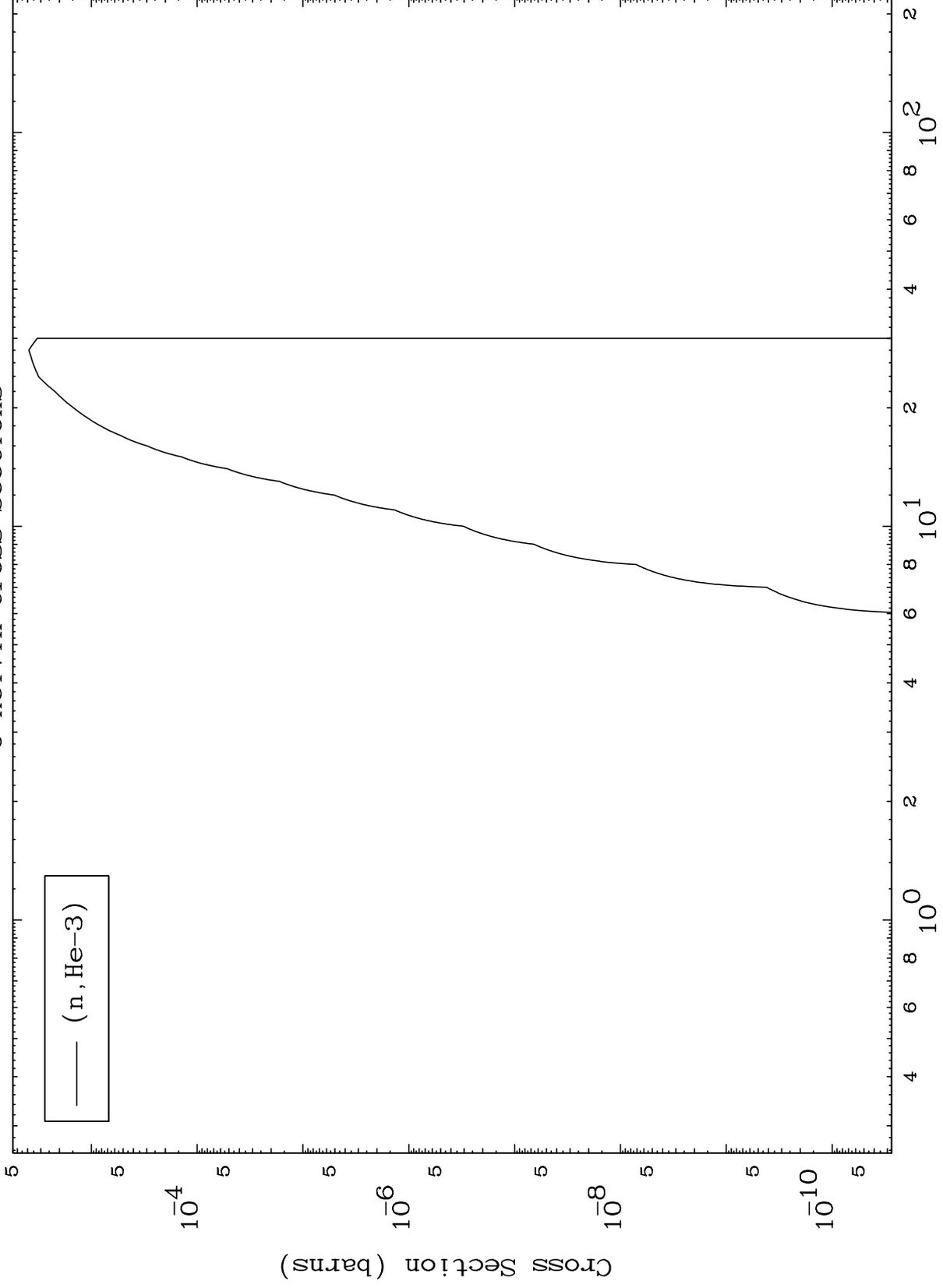
Incident Energy (MeV)

10

MAT 3719

(d, He3) Levels
0 Kelvin Cross Sections

37-Rb-83



11

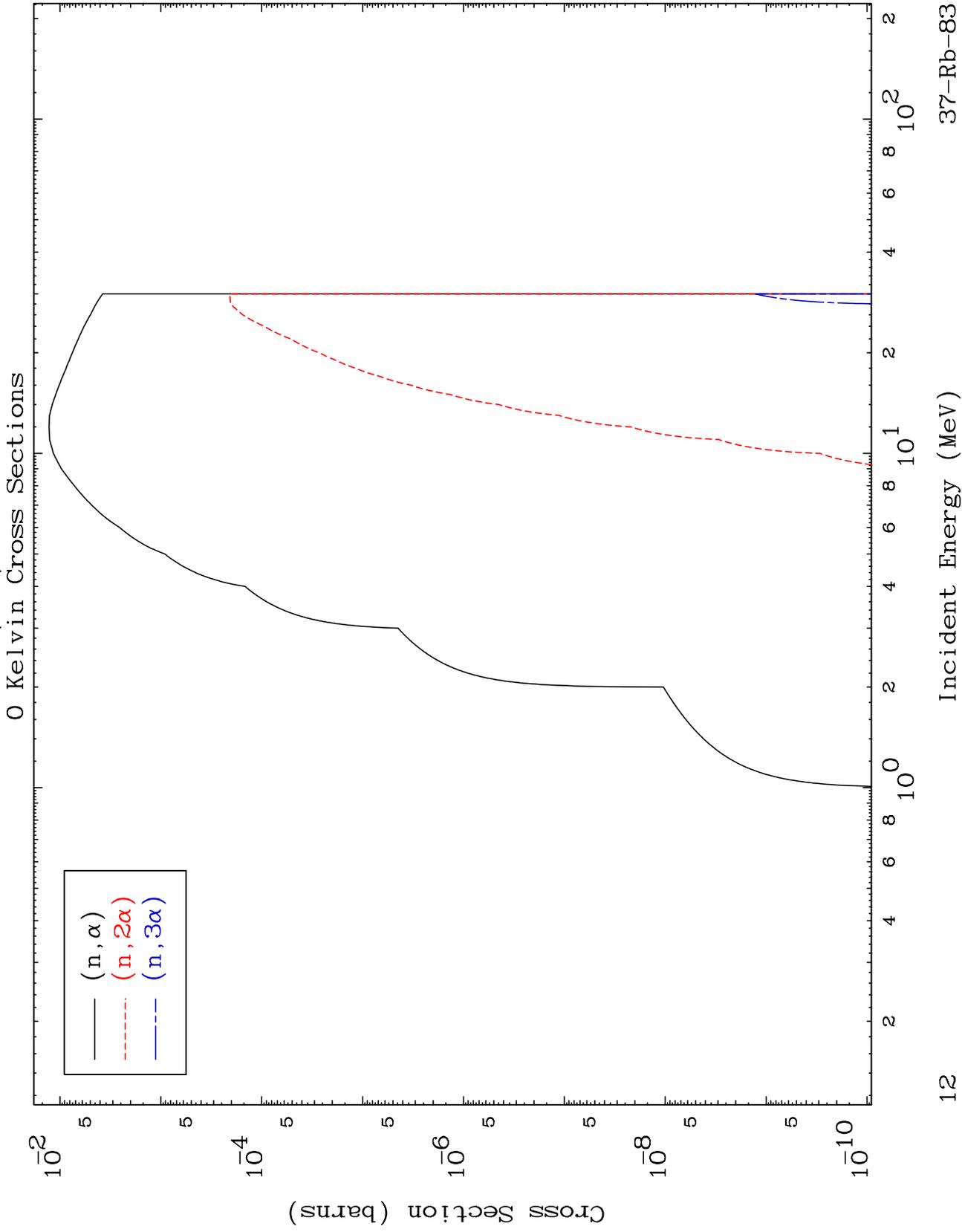
Incident Energy (MeV)

37-Rb-83

MAT 3719

(d, α) Levels

³⁷Rb-83

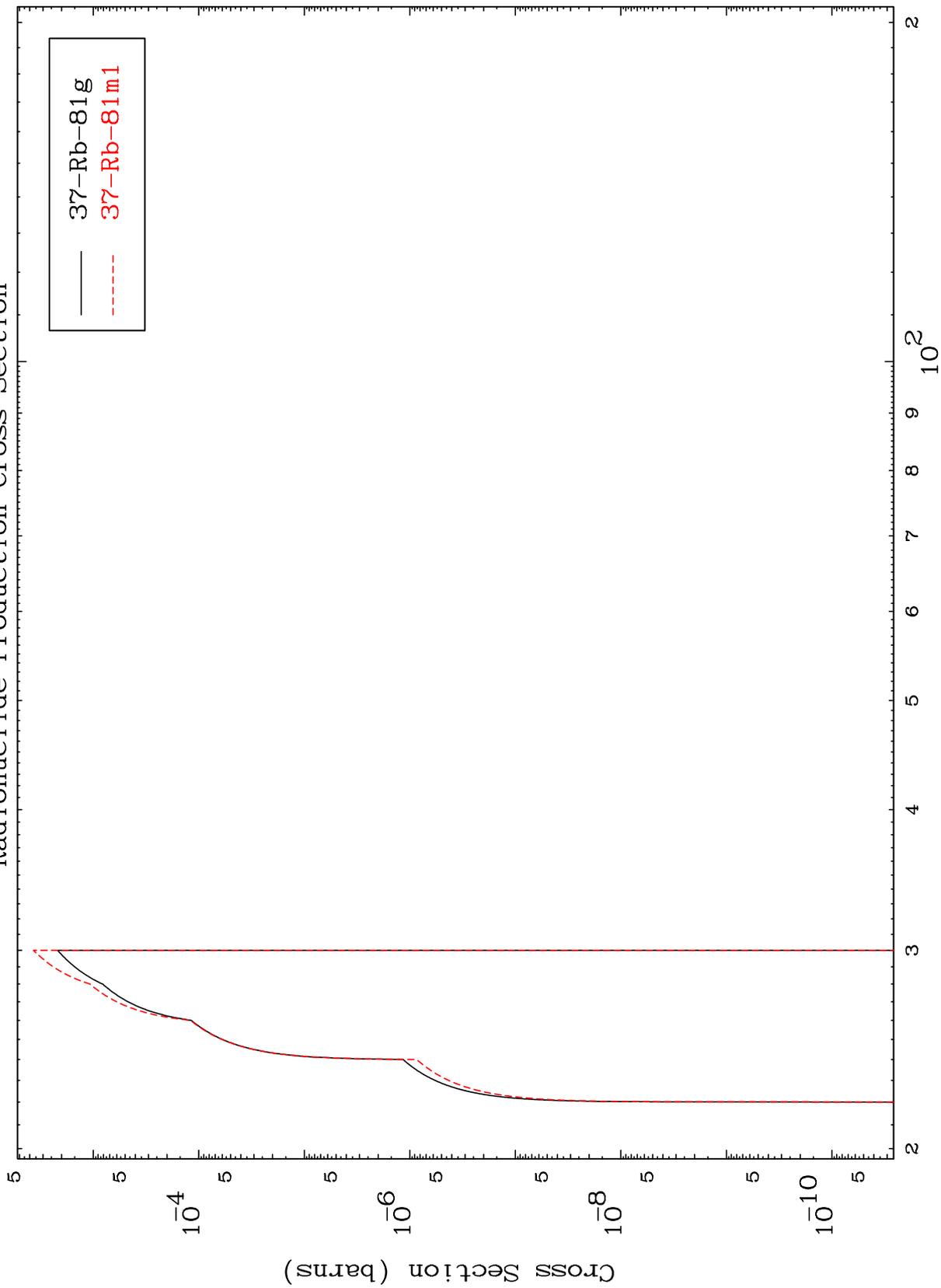


MAT 3719

(n,2n) d

37-Rb-83

Radionuclide Production Cross Section



13

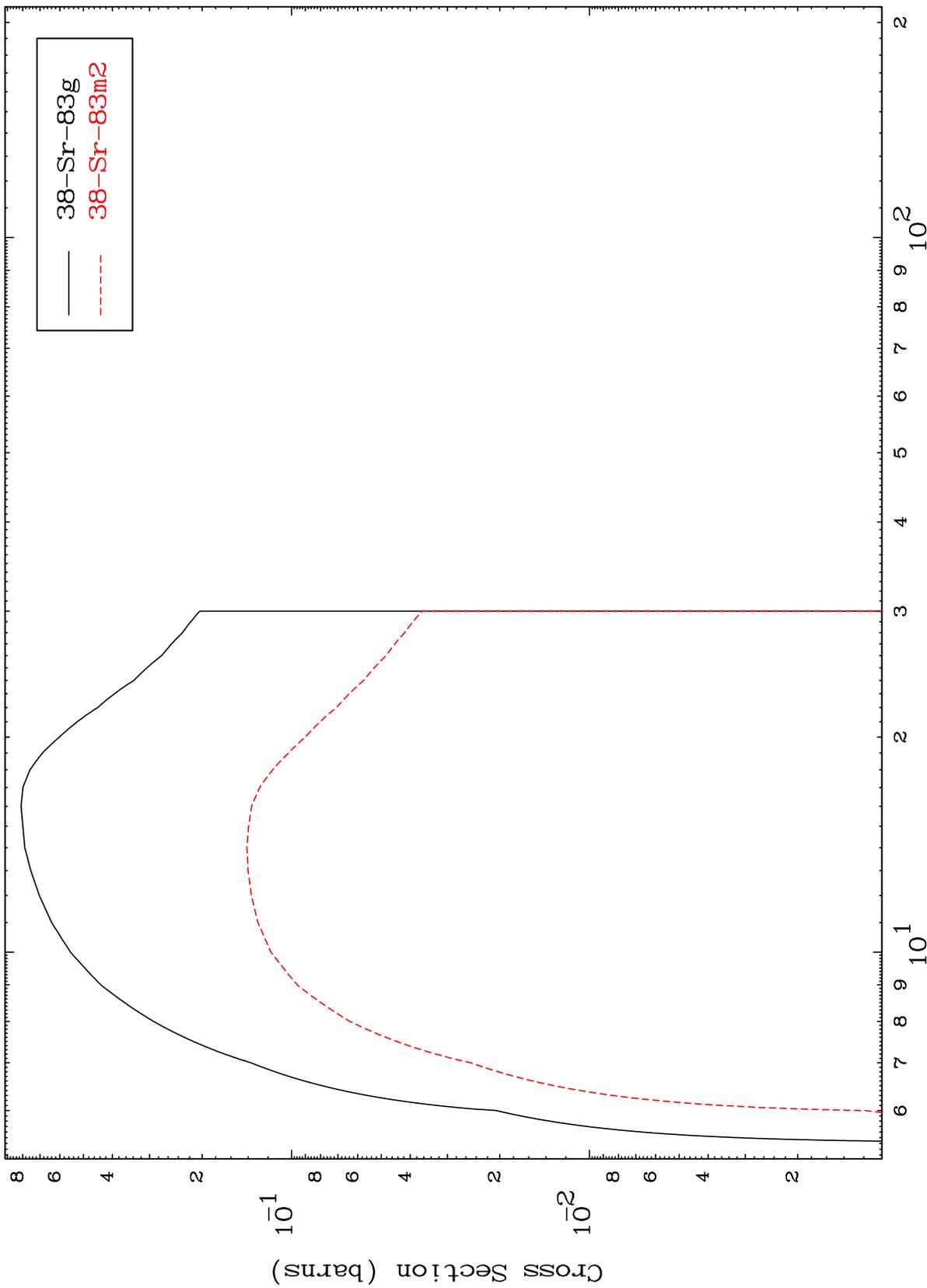
Incident Energy (MeV)

37-Rb-83

MAT 3719

37-Rb-83

(n,2n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

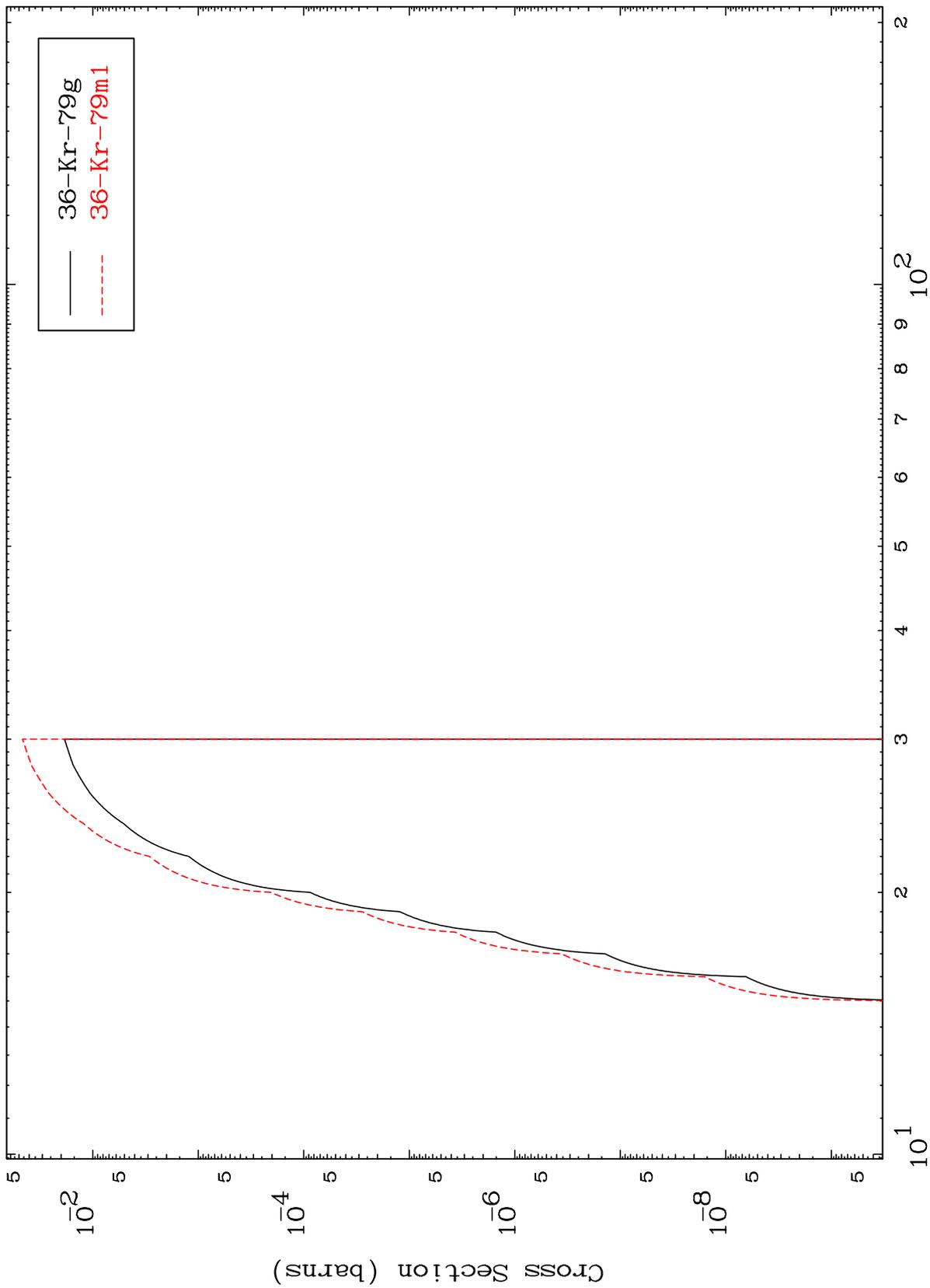
37-Rb-83

MAT 3719

$(n,2n) \alpha$

37-Rb-83

Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-83

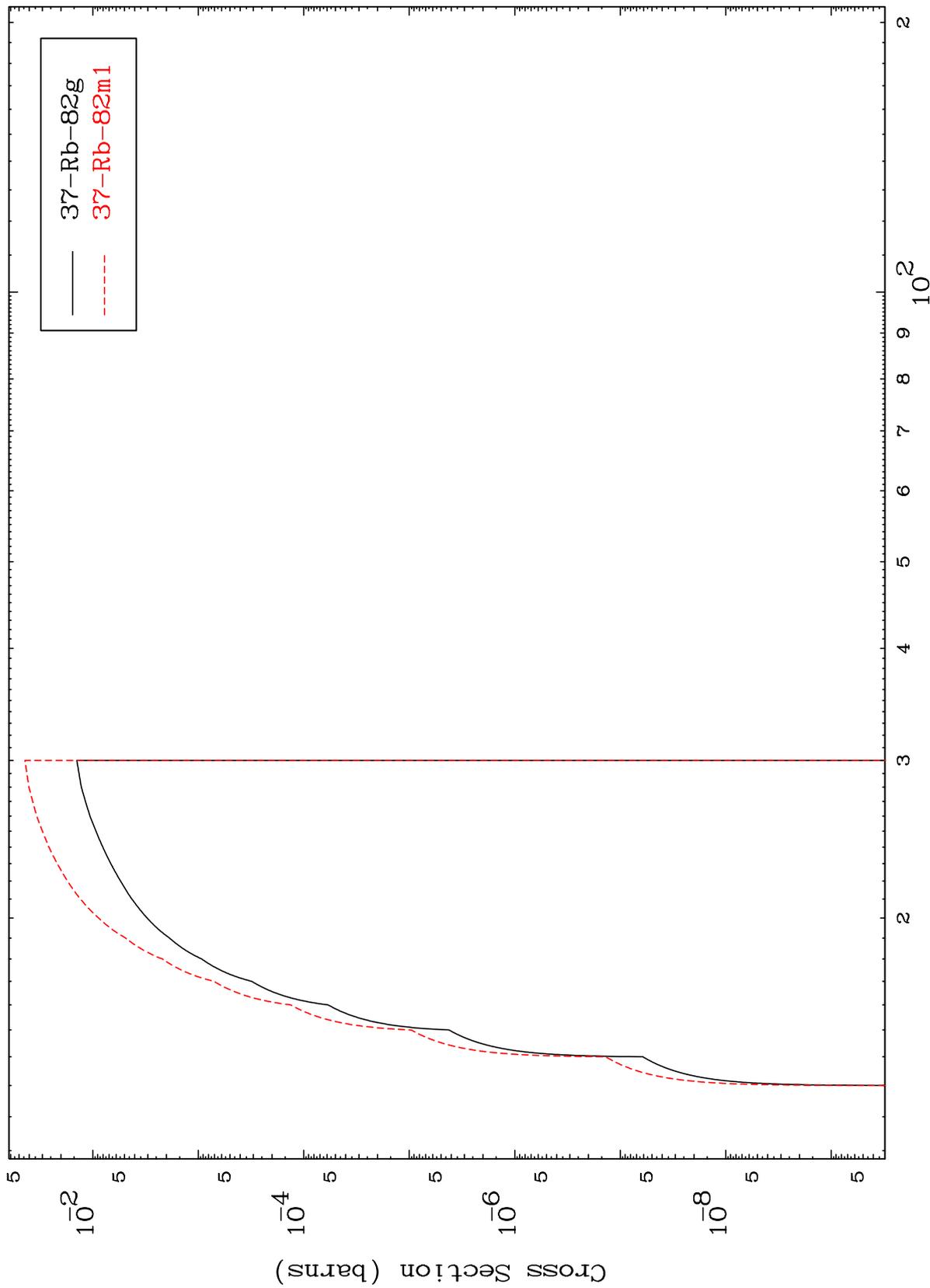
15

MAT 3719

(n,n') d

37-Rb-83

Radionuclide Production Cross Section



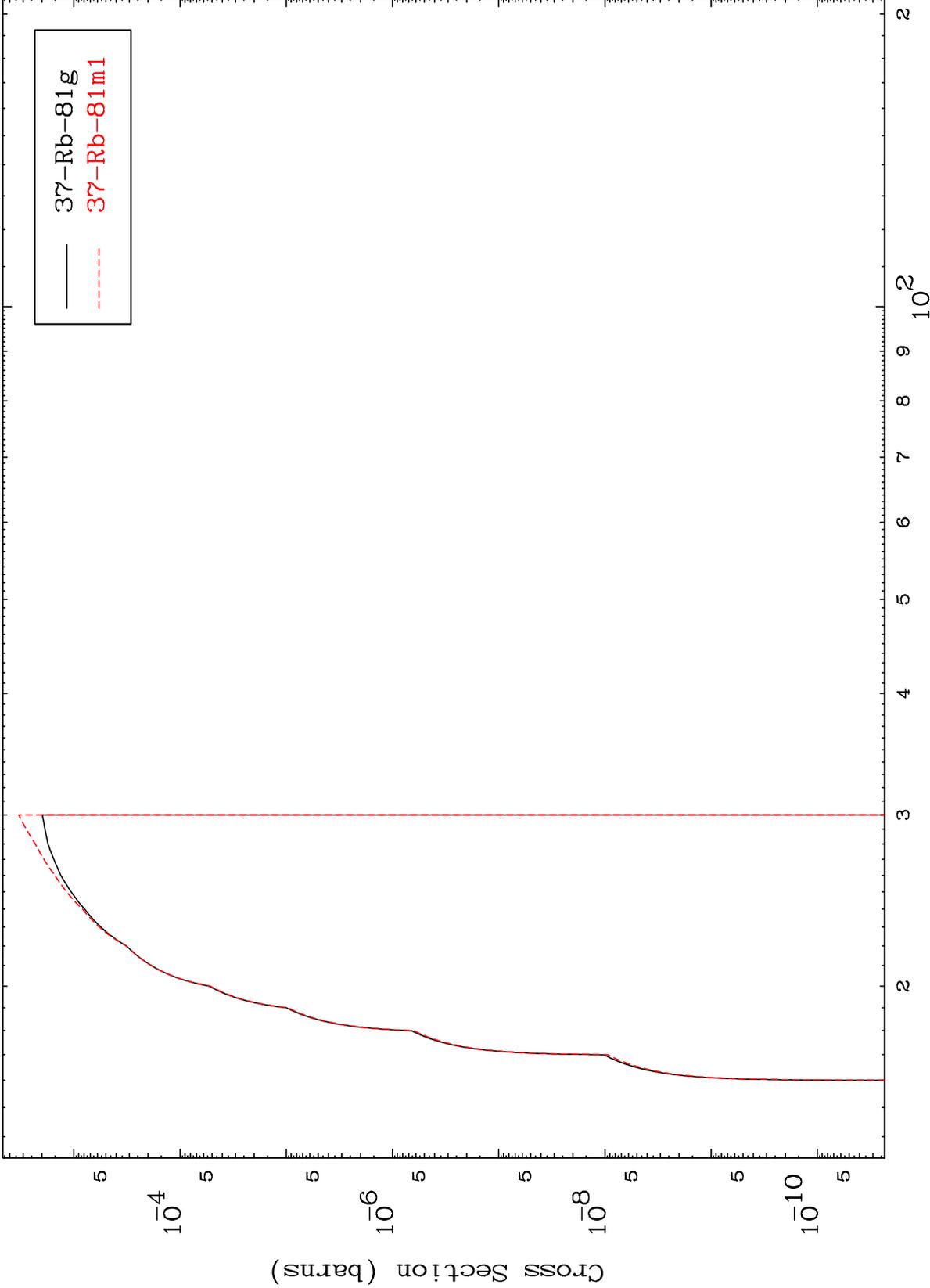
37-Rb-82g
37-Rb-82m1

16

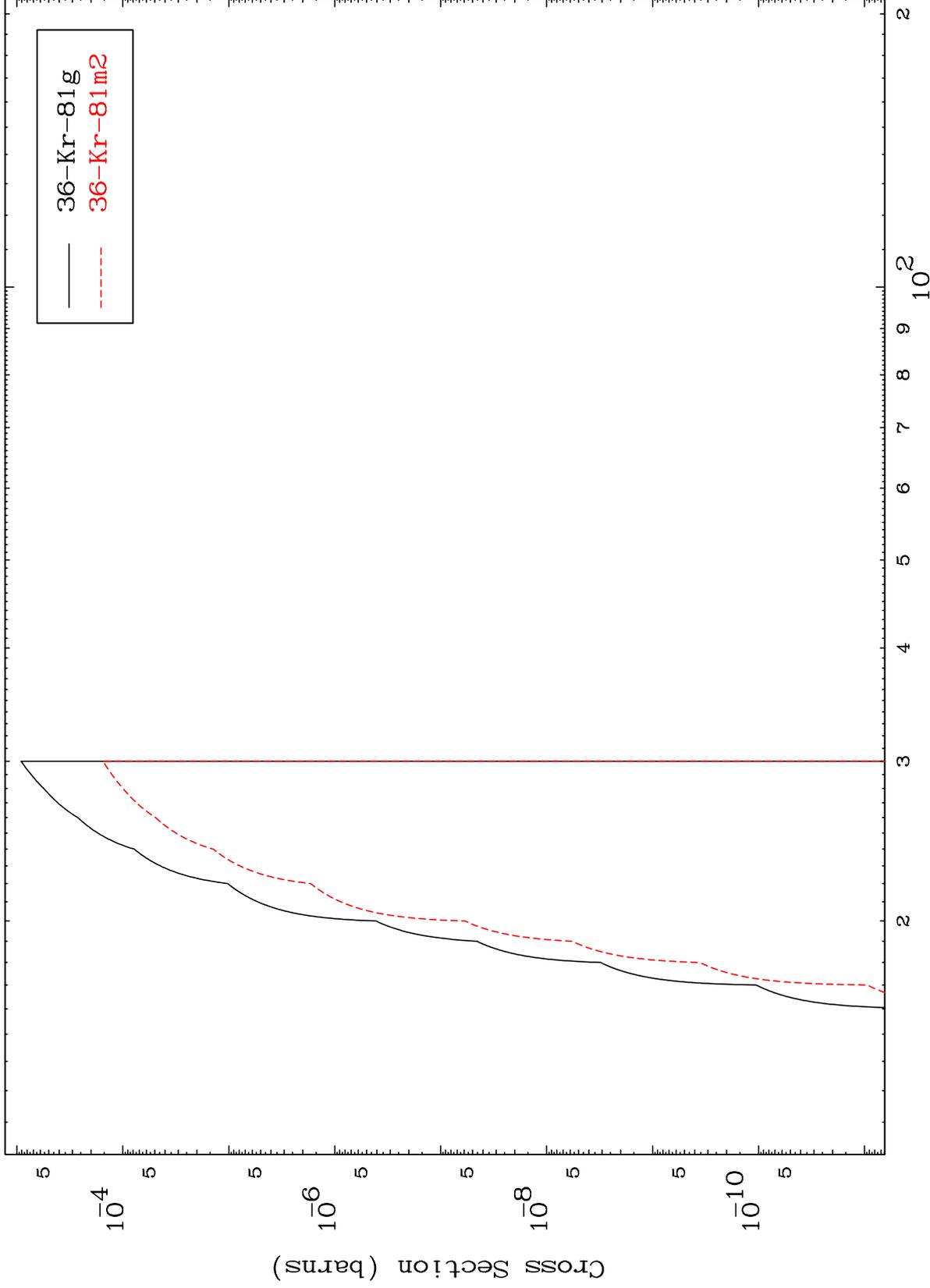
Incident Energy (MeV)

37-Rb-83

Radionuclide Production Cross Section



Radionuclide Production Cross Section

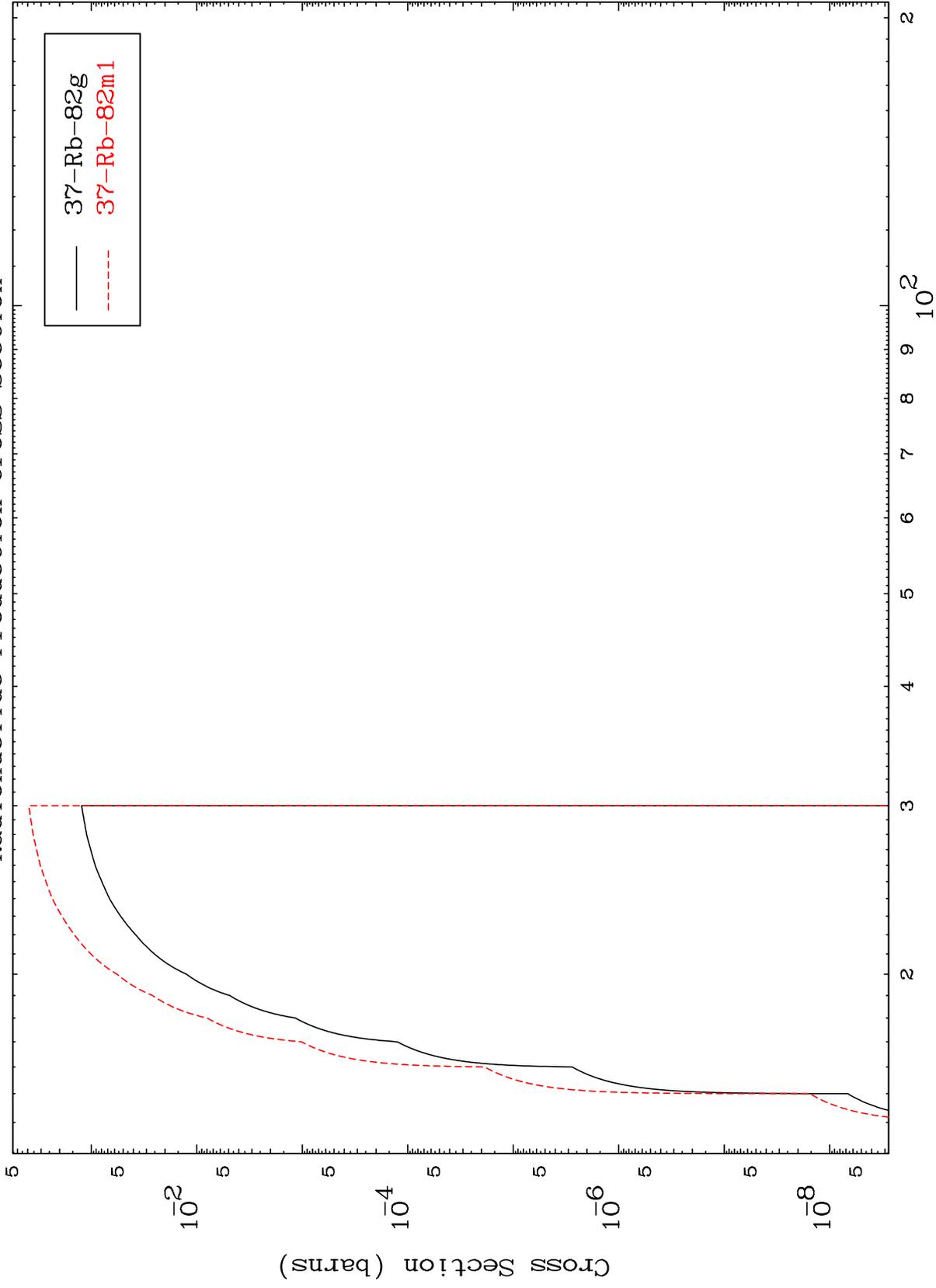


MAT 3719

(n,2n) p

37-Rb-83

Radionuclide Production Cross Section



19

Incident Energy (MeV)

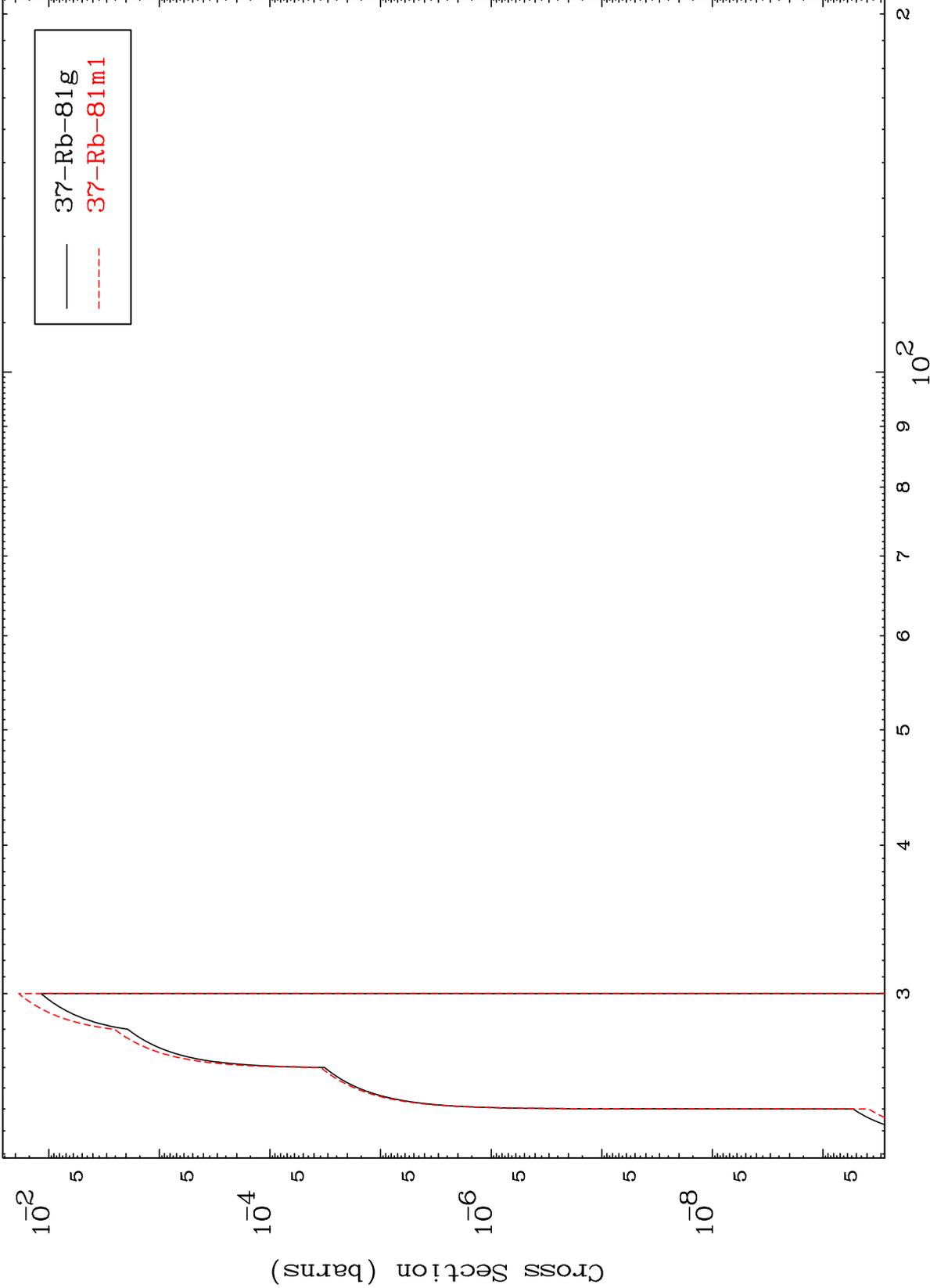
37-Rb-83

MAT 3719

(n,3n) p

37-Rb-83

Radionuclide Production Cross Section



20

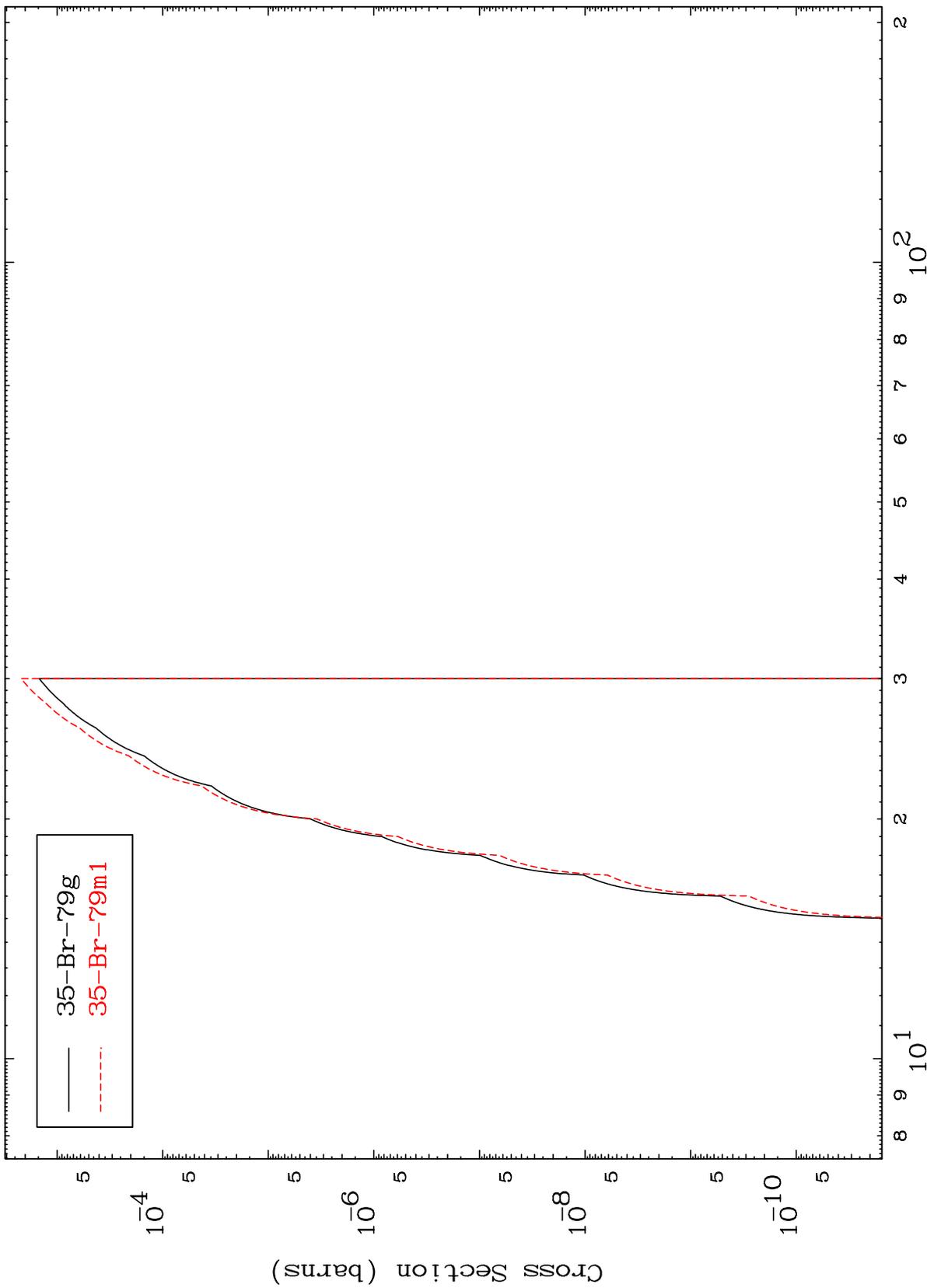
Incident Energy (MeV)

37-Rb-83

MAT 3719

37-Rb-83

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



— 35-Br-79g
- - - 35-Br-79m1

21

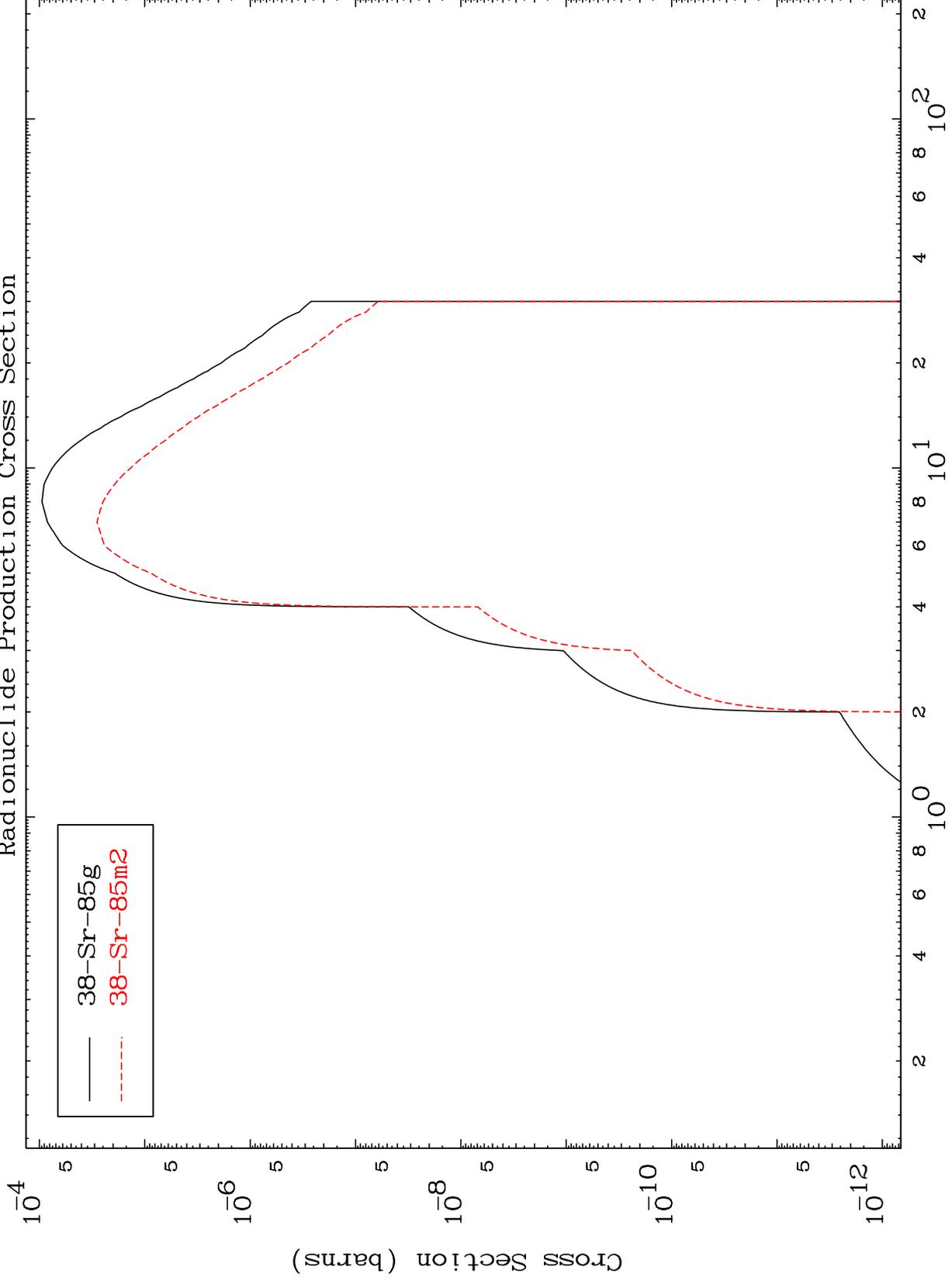
Incident Energy (MeV)

37-Rb-83

MAT 3719

37-Rb-83

(n, γ)
Radionuclide Production Cross Section



22

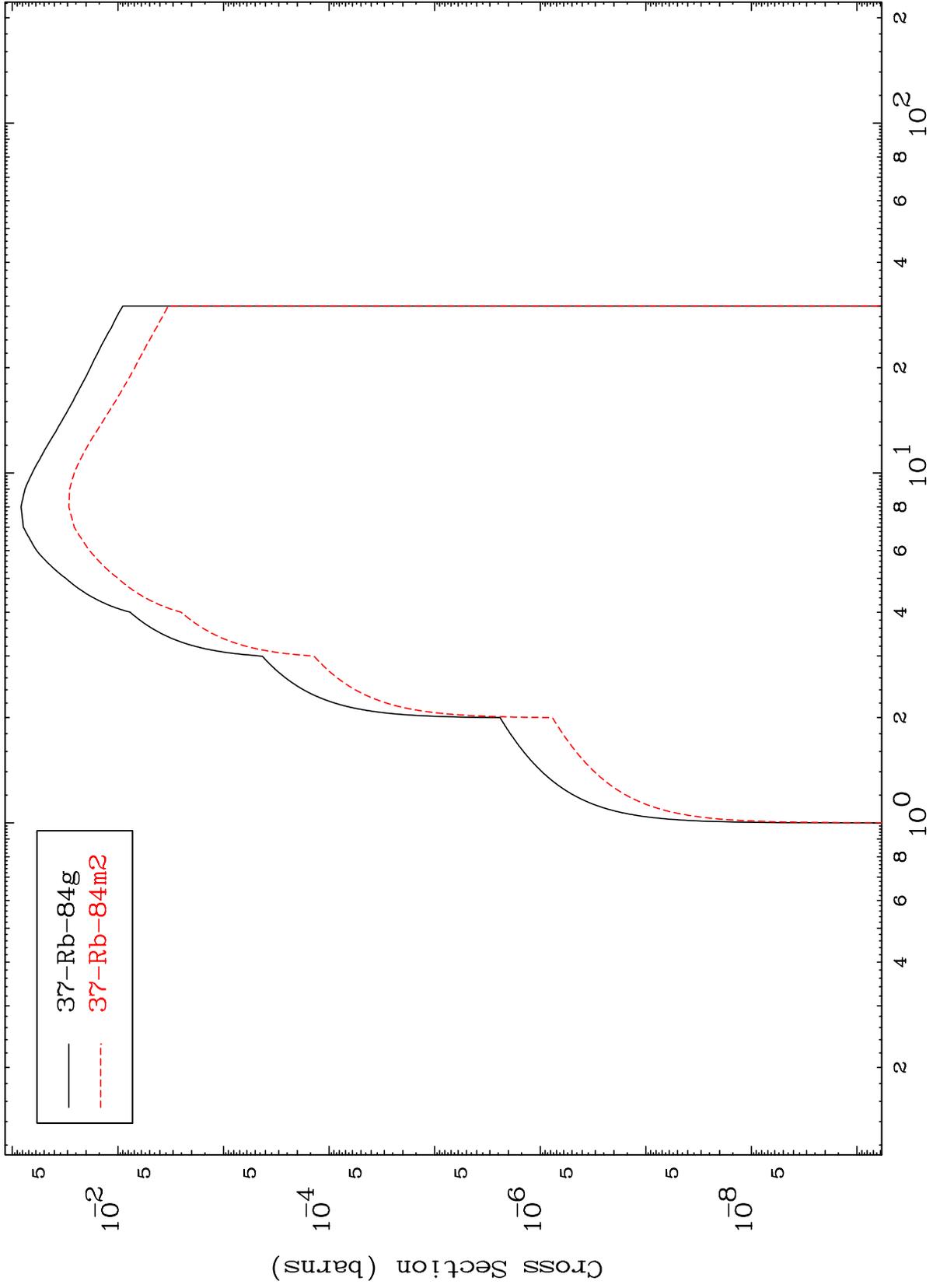
Incident Energy (MeV)

37-Rb-83

MAT 3719

37-Rb-83

(n,p)
Radionuclide Production Cross Section

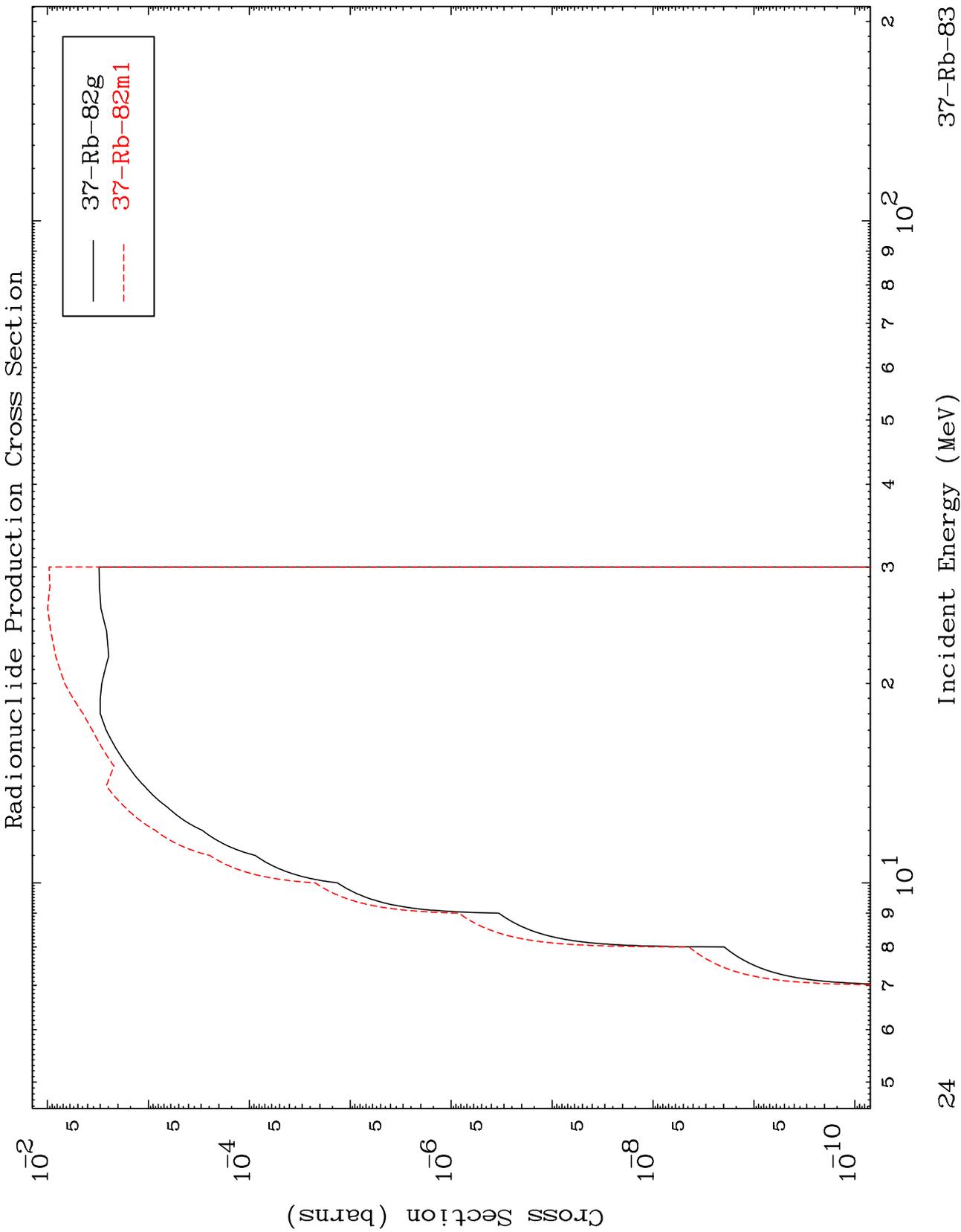


23

37-Rb-83

MAT 3719

37-Rb-83



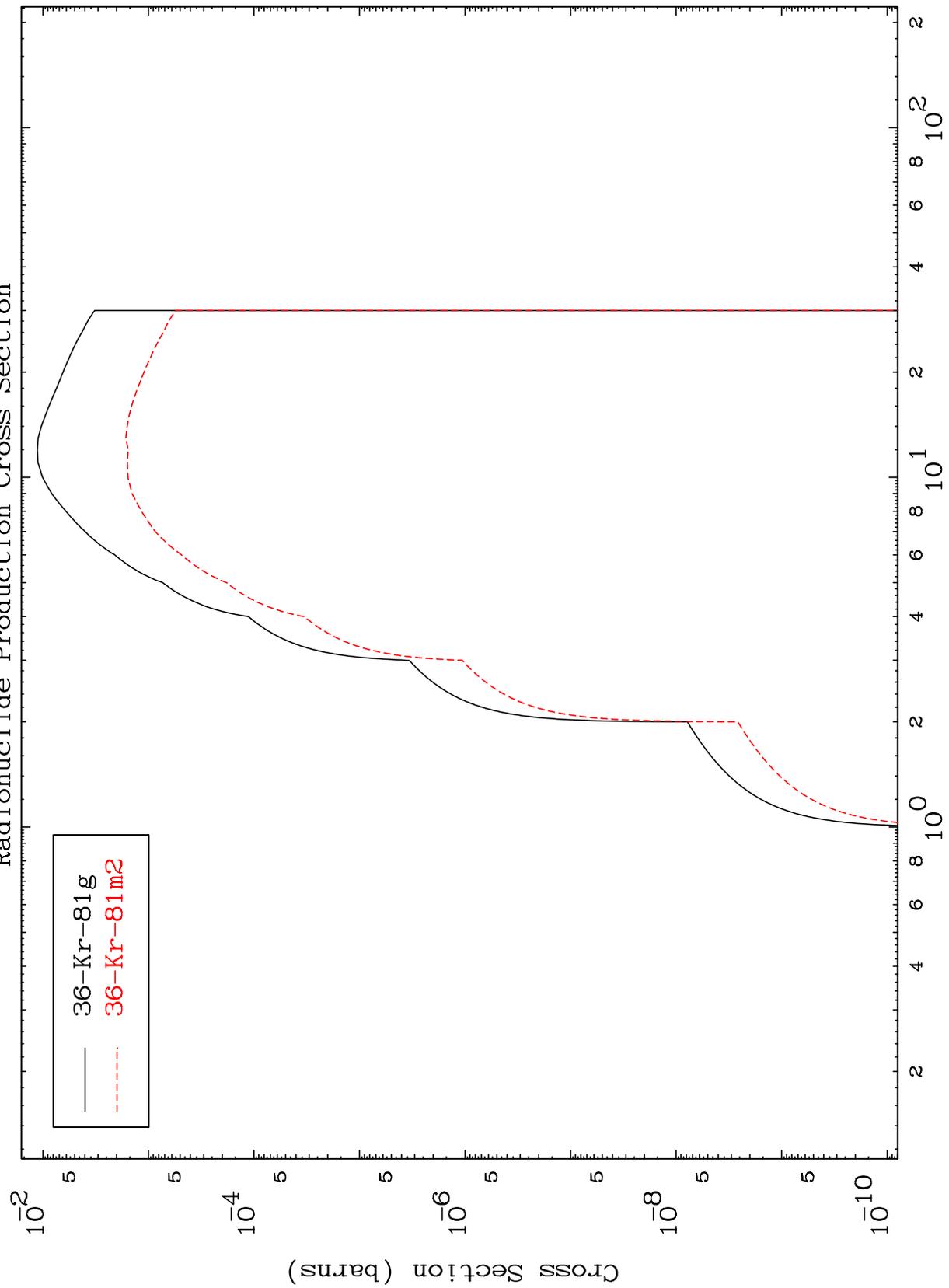
24

37-Rb-83

MAT 3719

37-Rb-83

Radionuclide Production Cross Section
(n, α)



— 36-Kr-81g
- - - 36-Kr-81m2

25

Incident Energy (MeV)

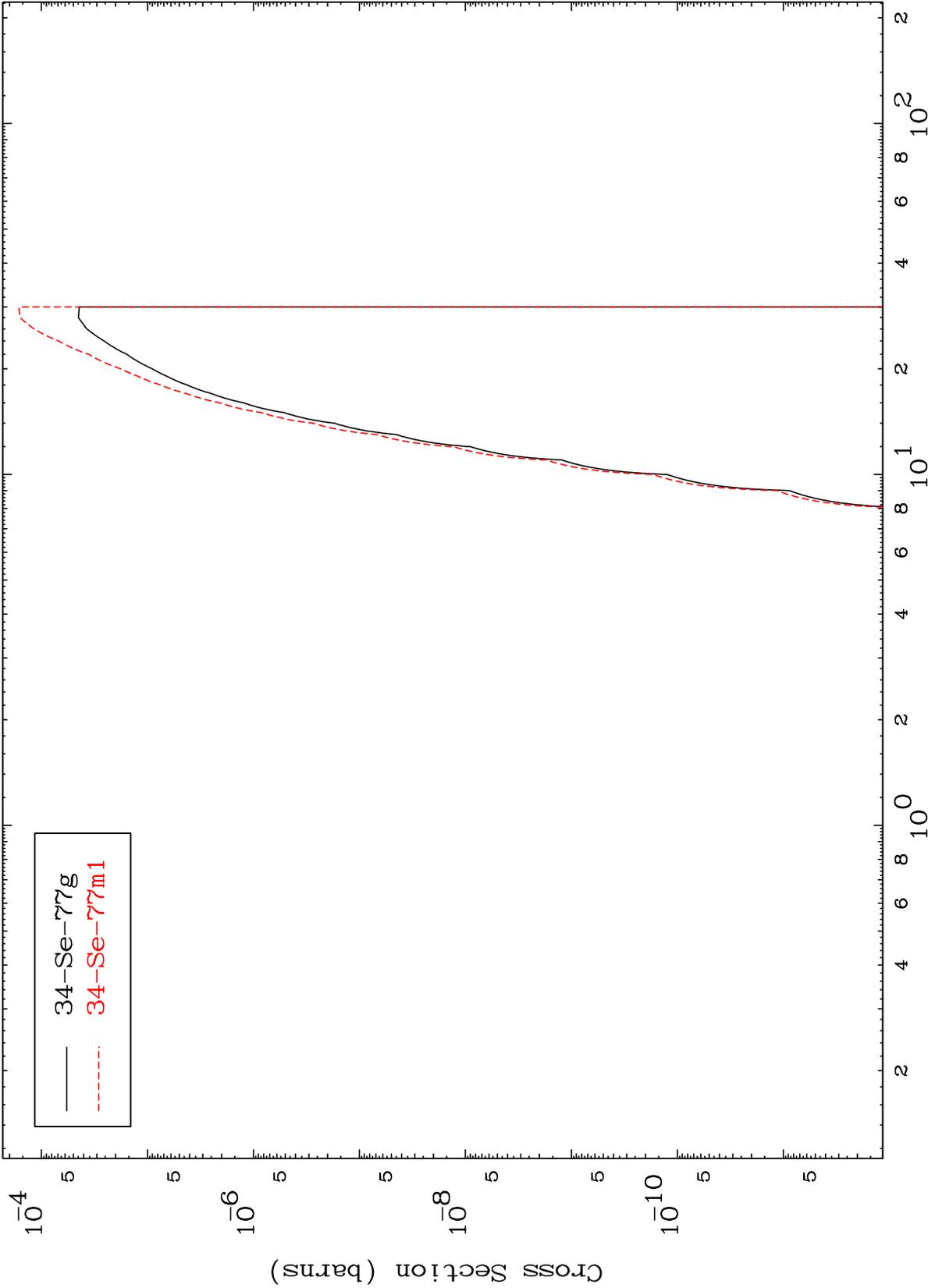
37-Rb-83

MAT 3719

(n,2α)

37-Rb-83

Radionuclide Production Cross Section



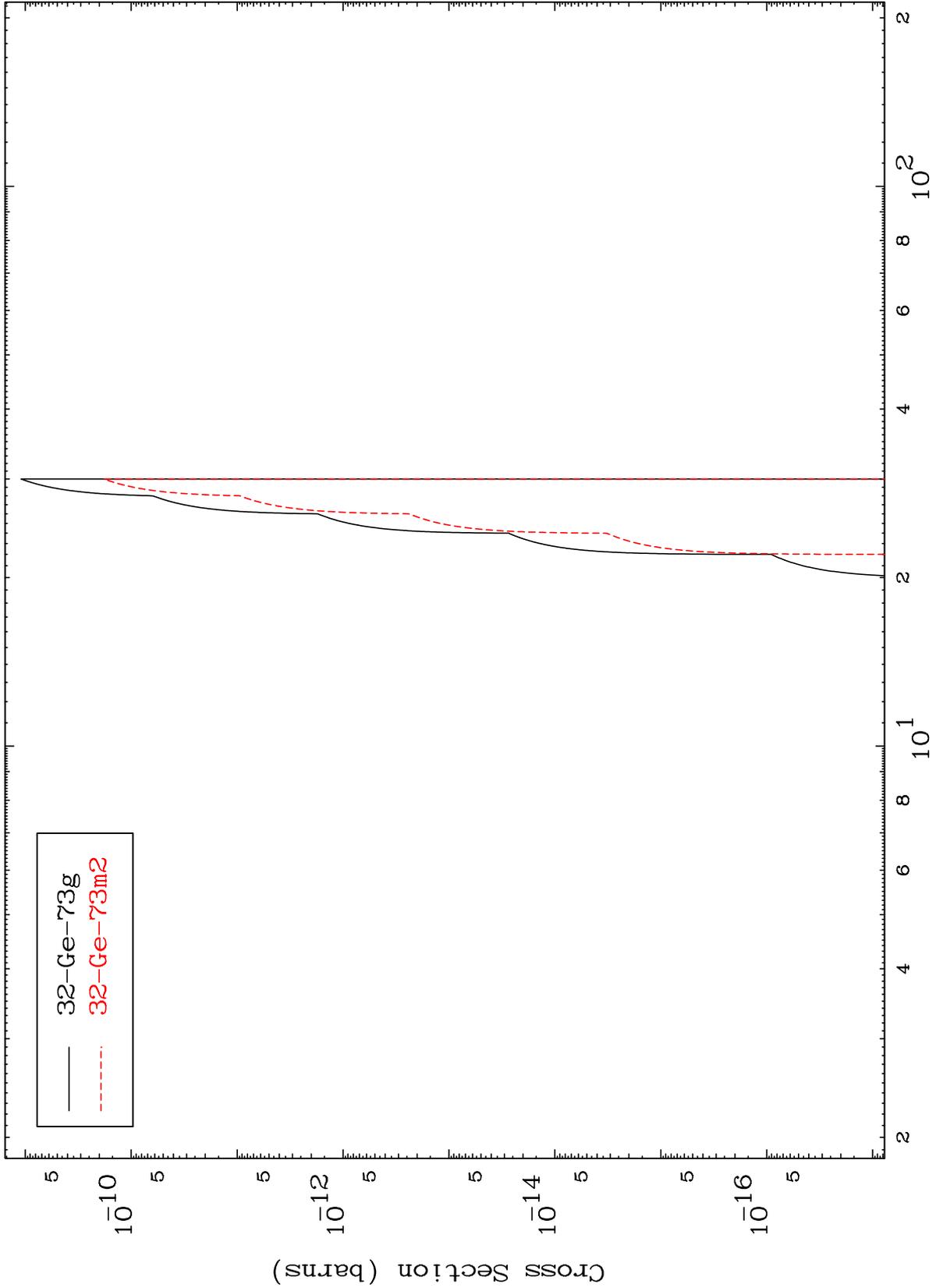
— 34-Se-77g
- - - 34-Se-77m1

MAT 3719

(n, 3α)

37-Rb-83

Radionuclide Production Cross Section



27

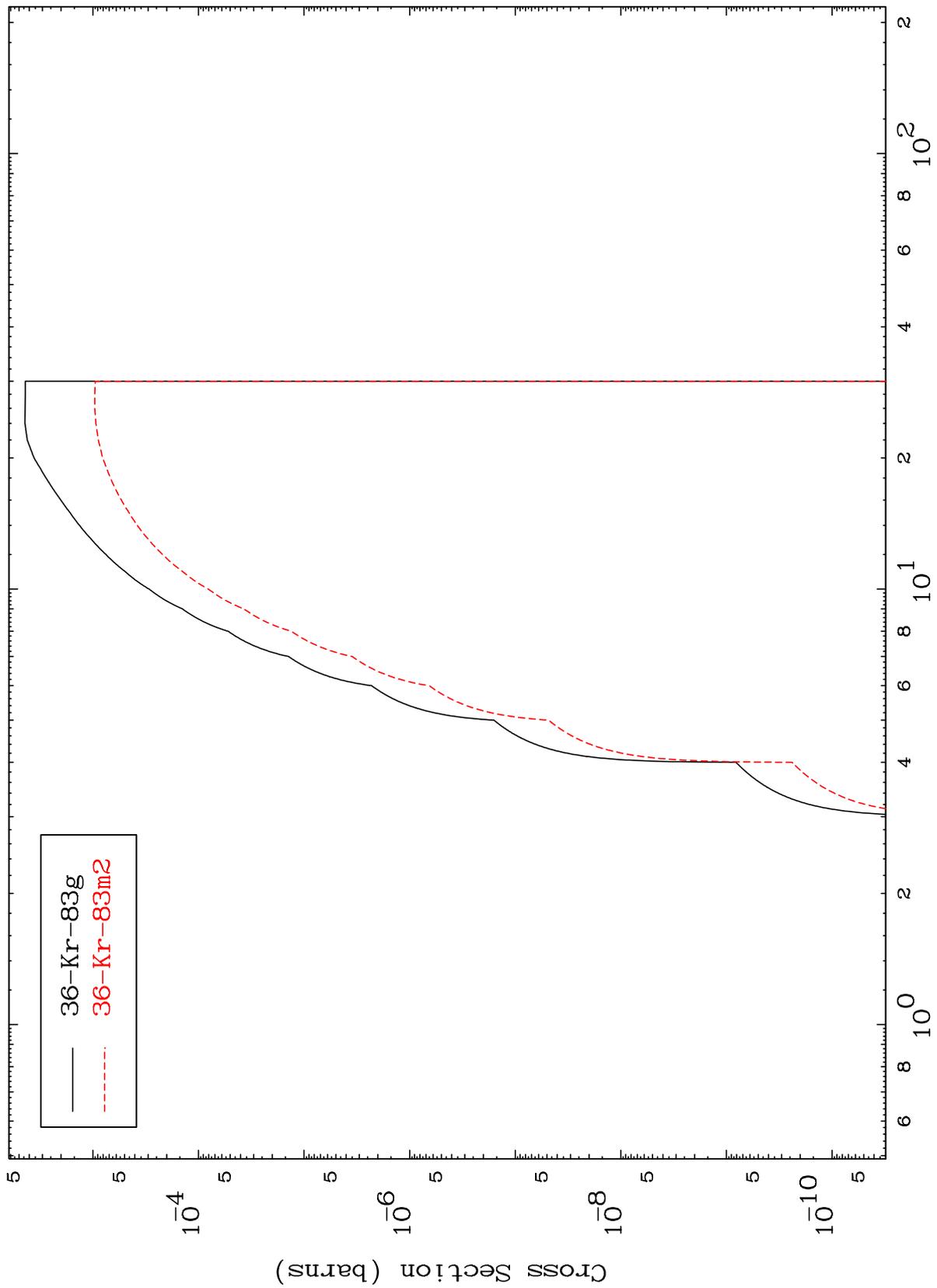
Incident Energy (MeV)

37-Rb-83

MAT 3719

37-Rb-83

(n,2p)
Radionuclide Production Cross Section



28

Incident Energy (MeV)

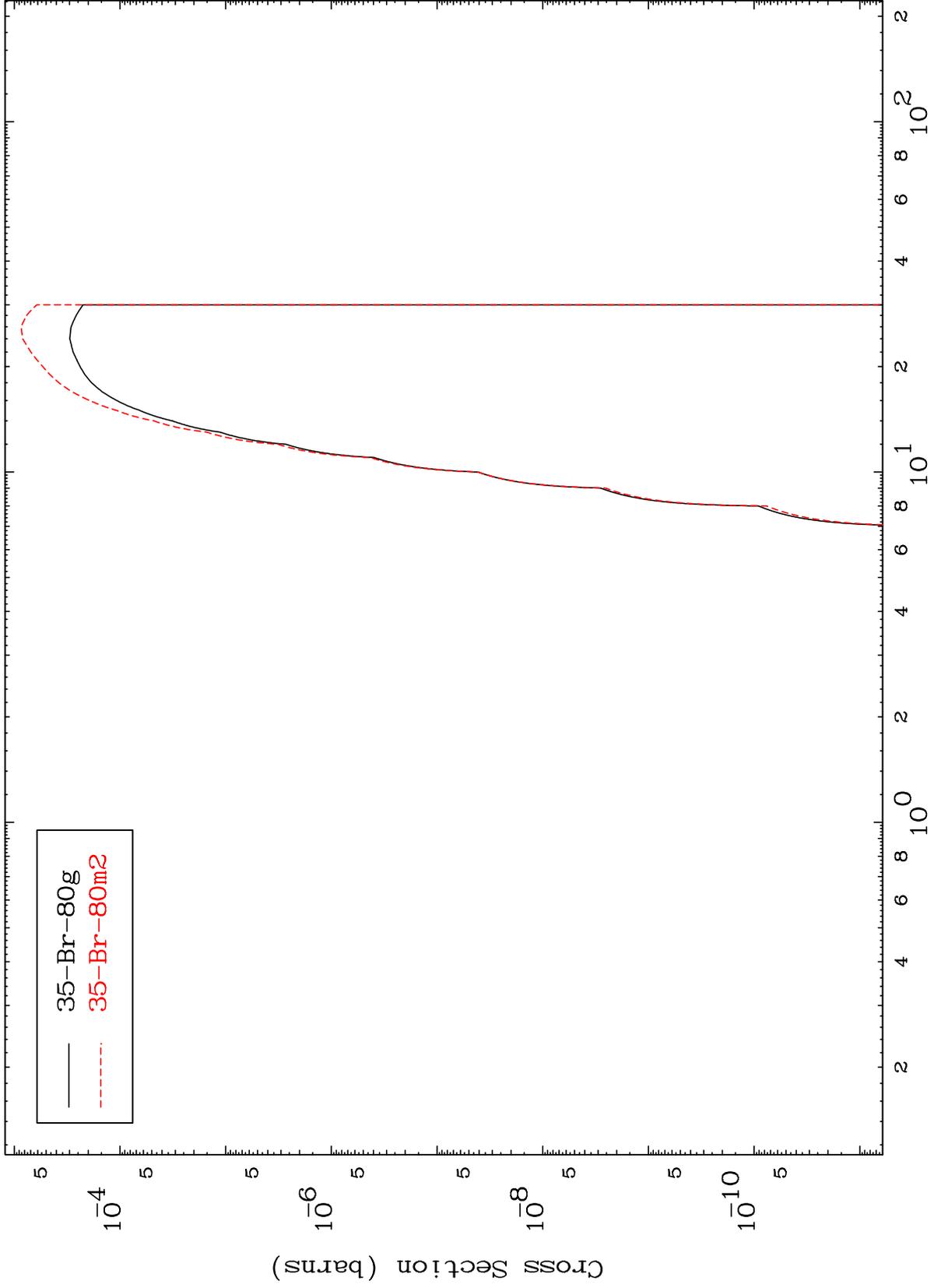
37-Rb-83

MAT 3719

(n,p) α

37-Rb-83

Radionuclide Production Cross Section



29

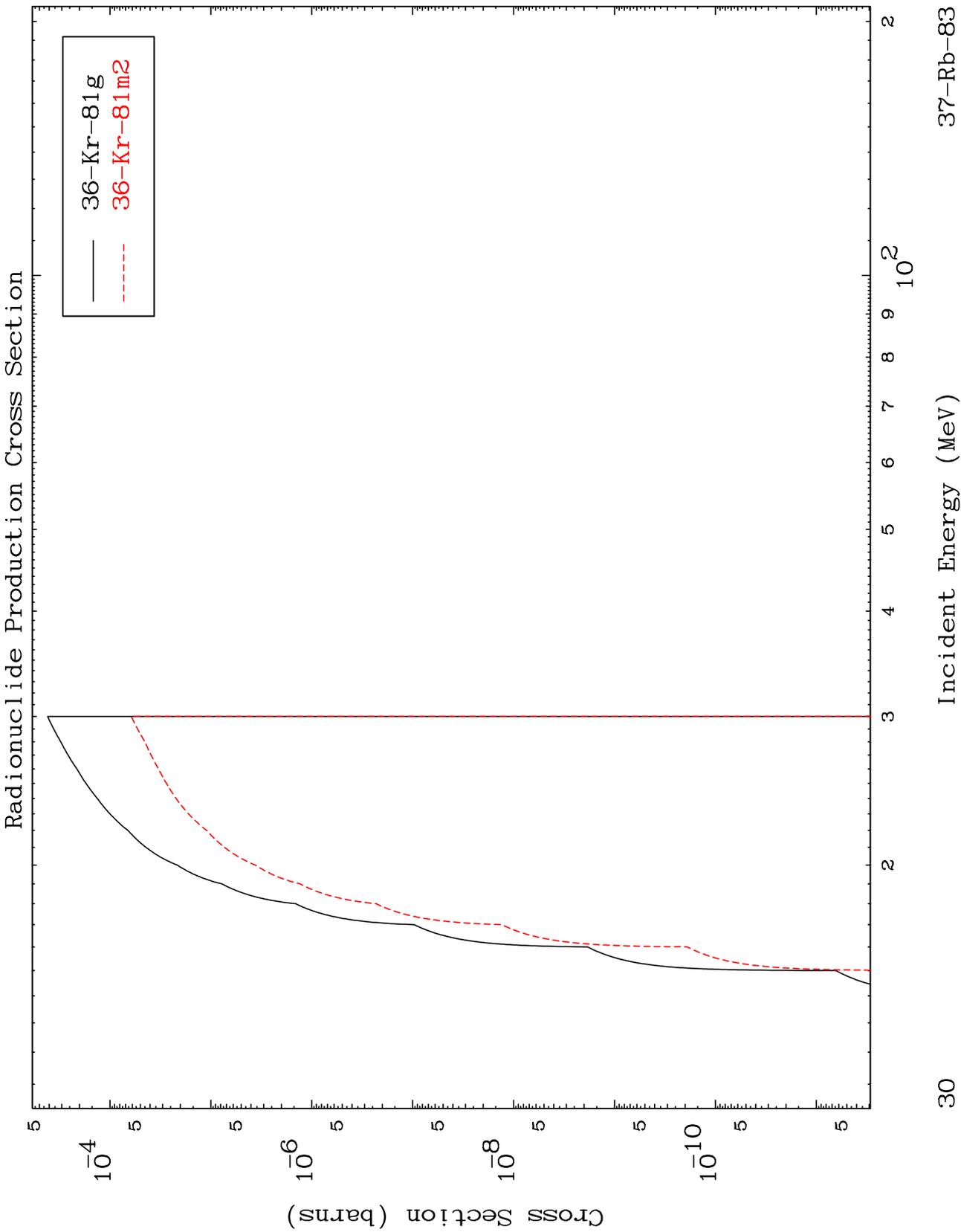
Incident Energy (MeV)

37-Rb-83

MAT 3719

(n,p) t

37-Rb-83



30

37-Rb-83

Radionuclide Production Cross Section

