

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

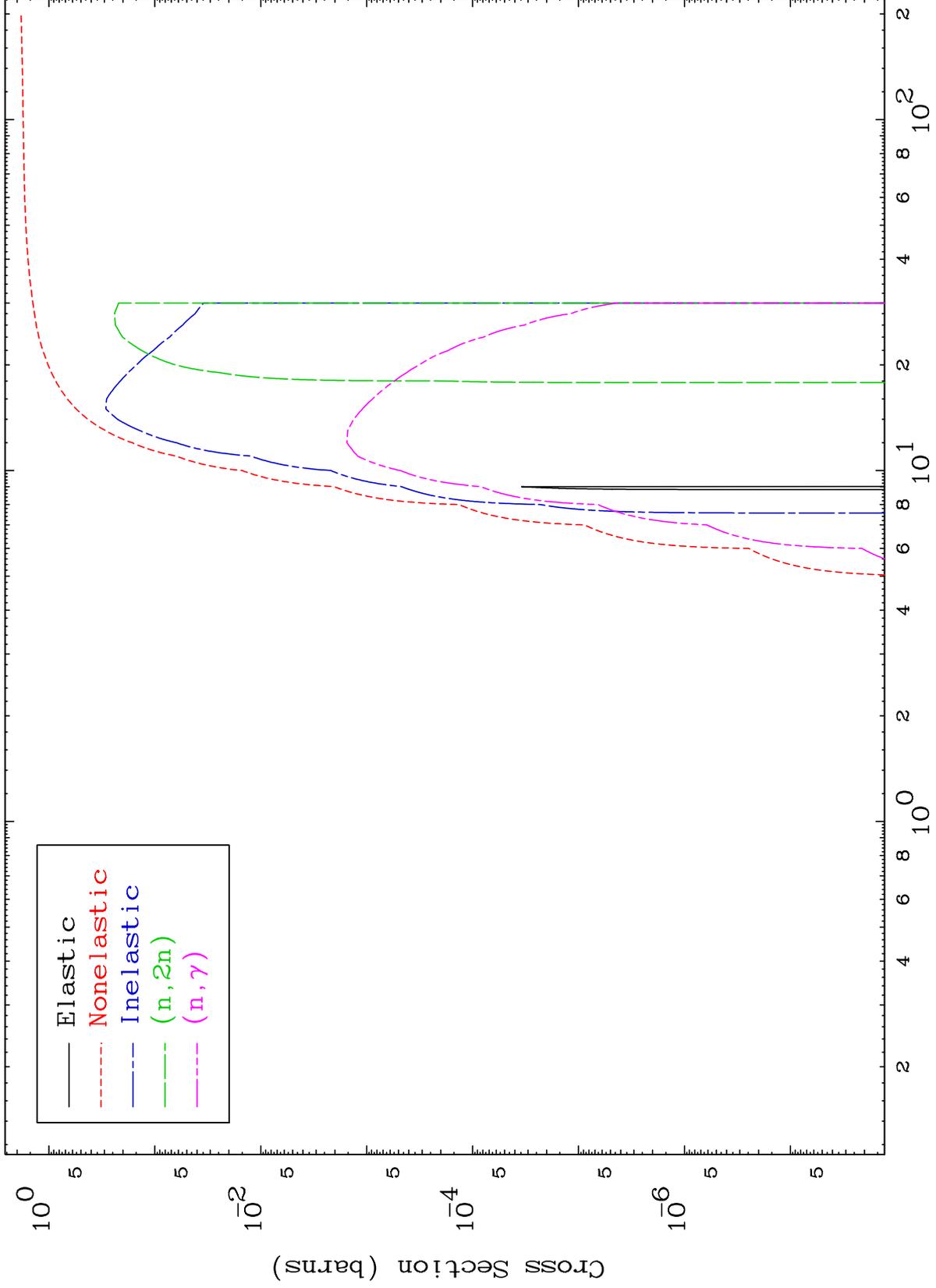
Press Mouse Button to Start

MAT 3713

α Major

37-Rb-81

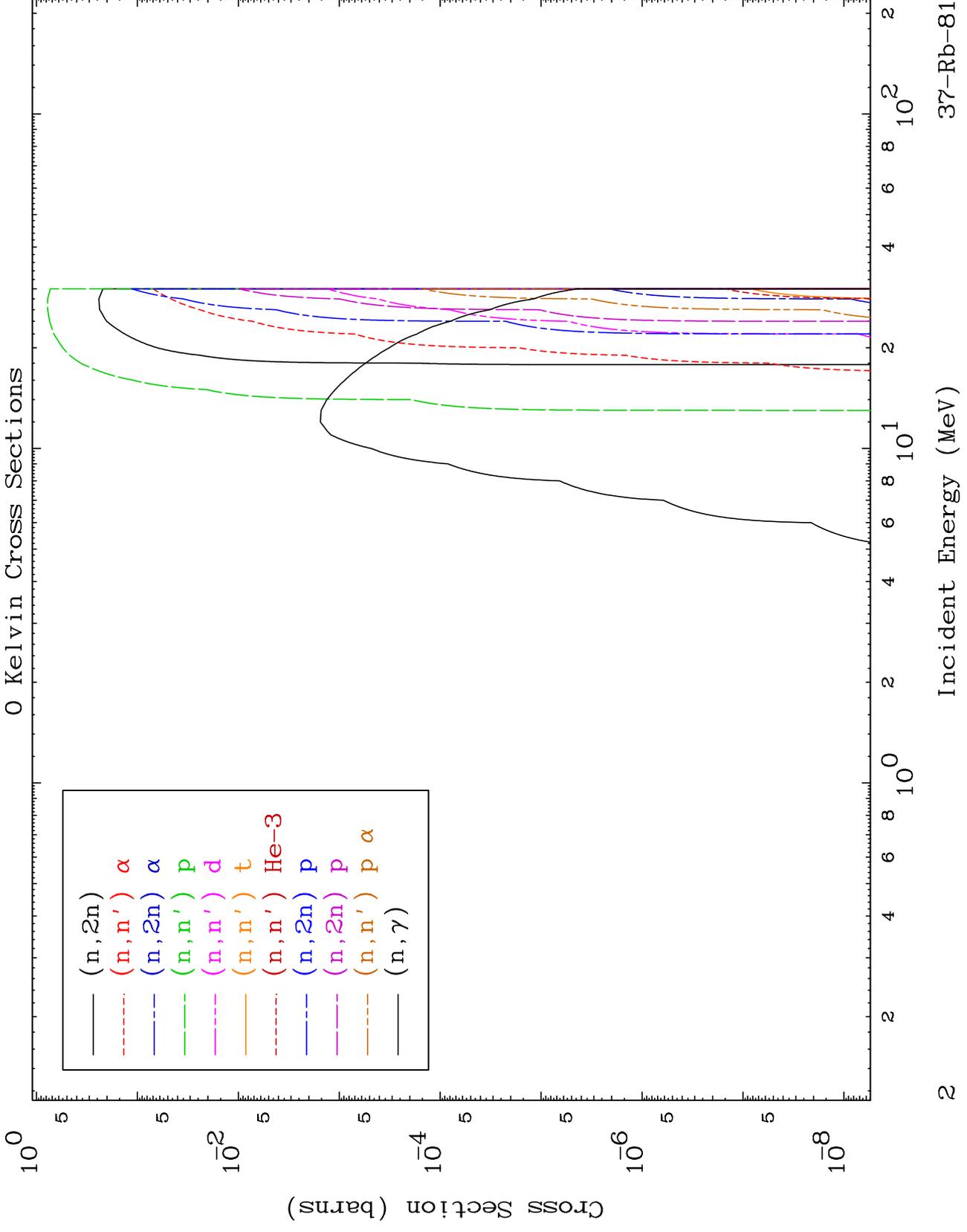
0 Kelvin Cross Sections

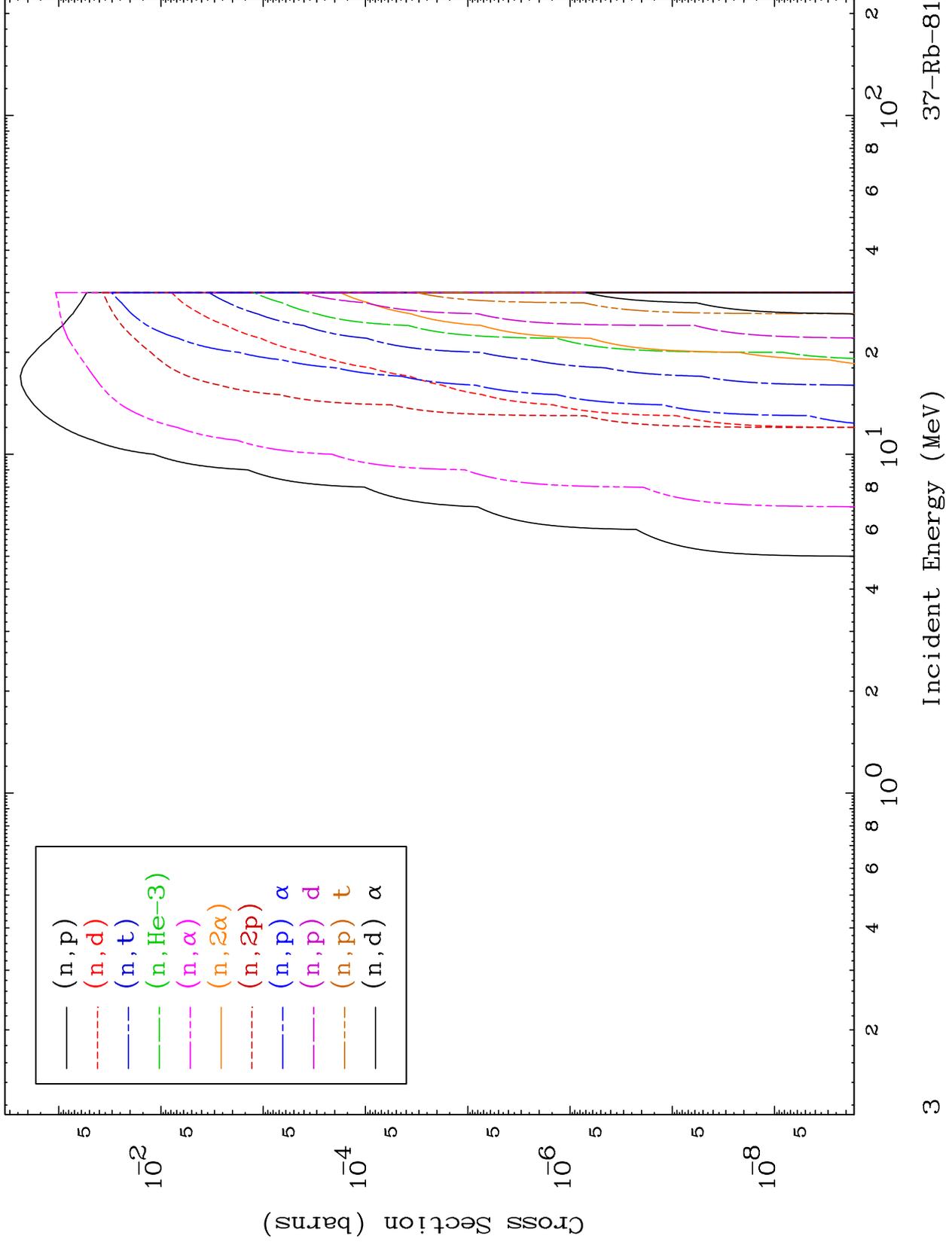


MAT 3713

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-81

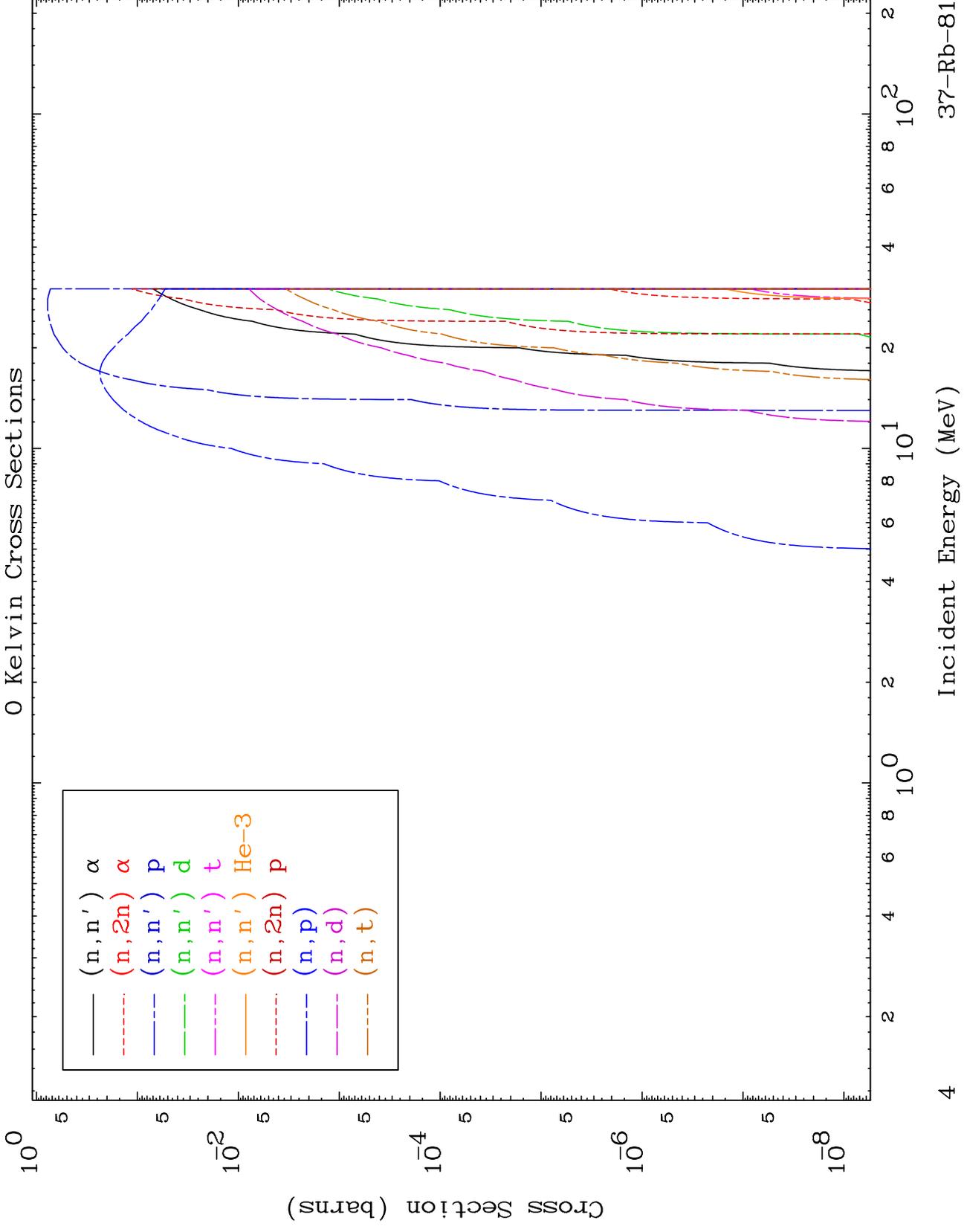


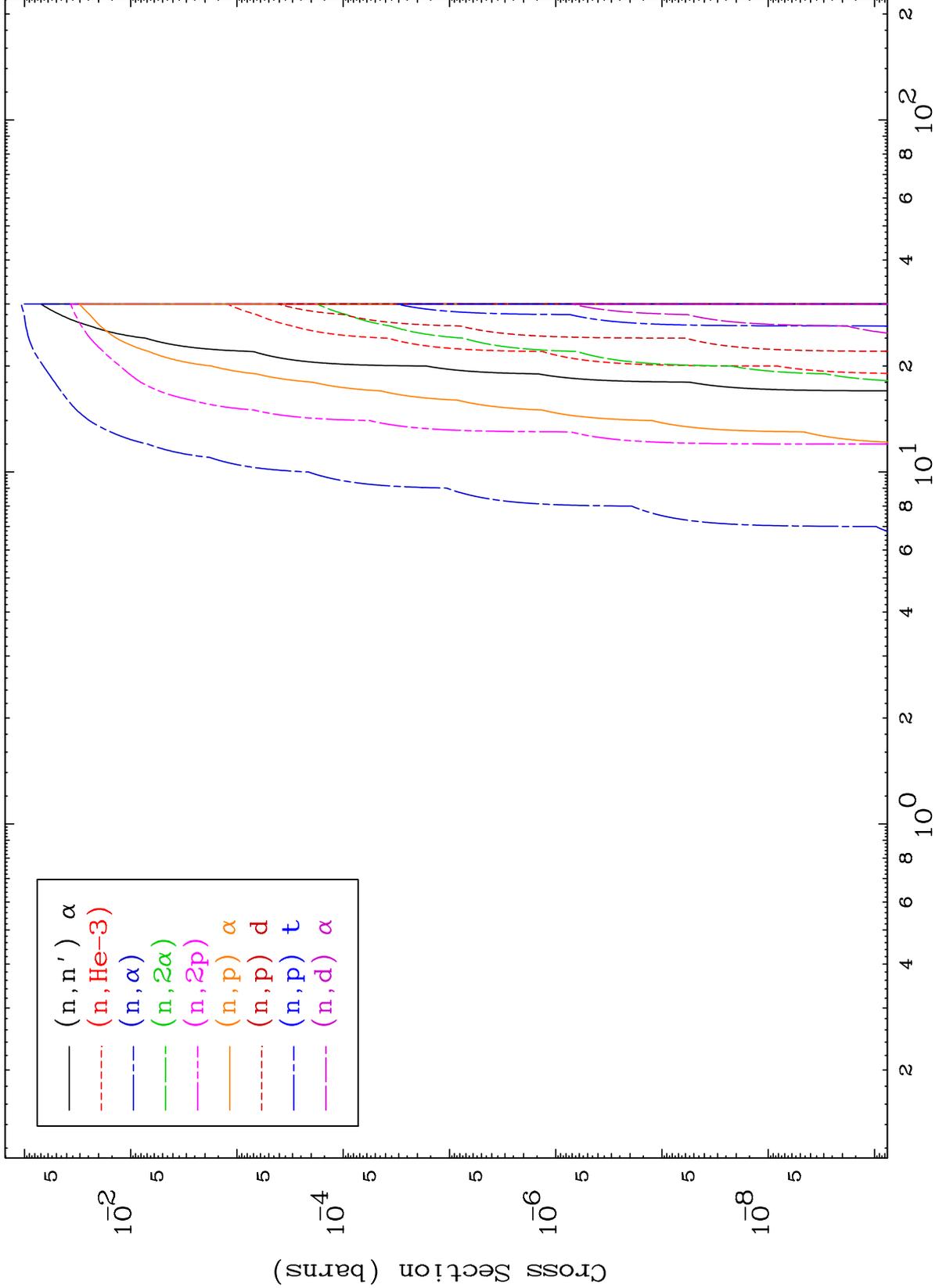


MAT 3713

α Charged Particle
0 Kelvin Cross Sections

37-Rb-81



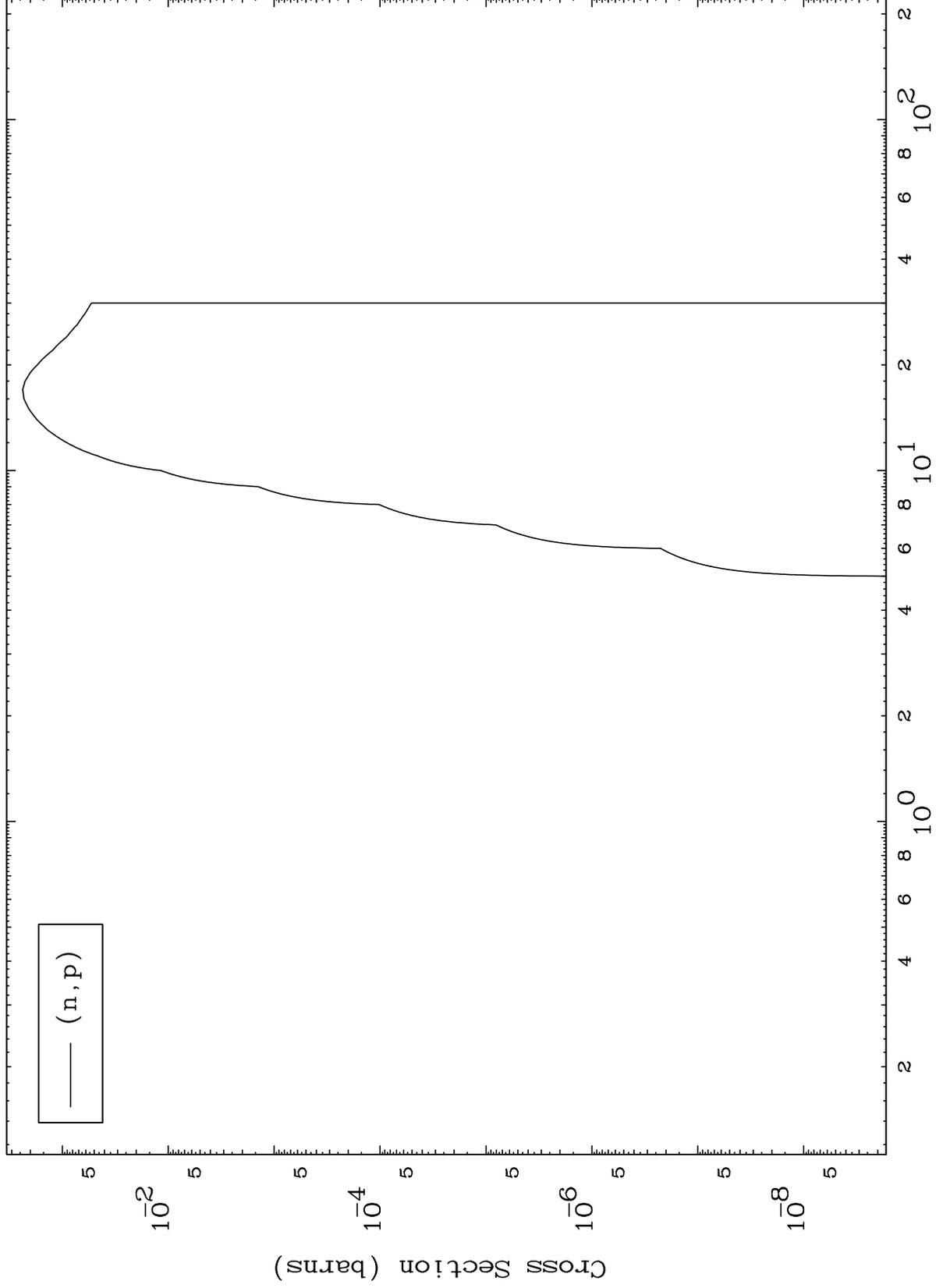


MAT 3713

(α, p) Levels

37-Rb-81

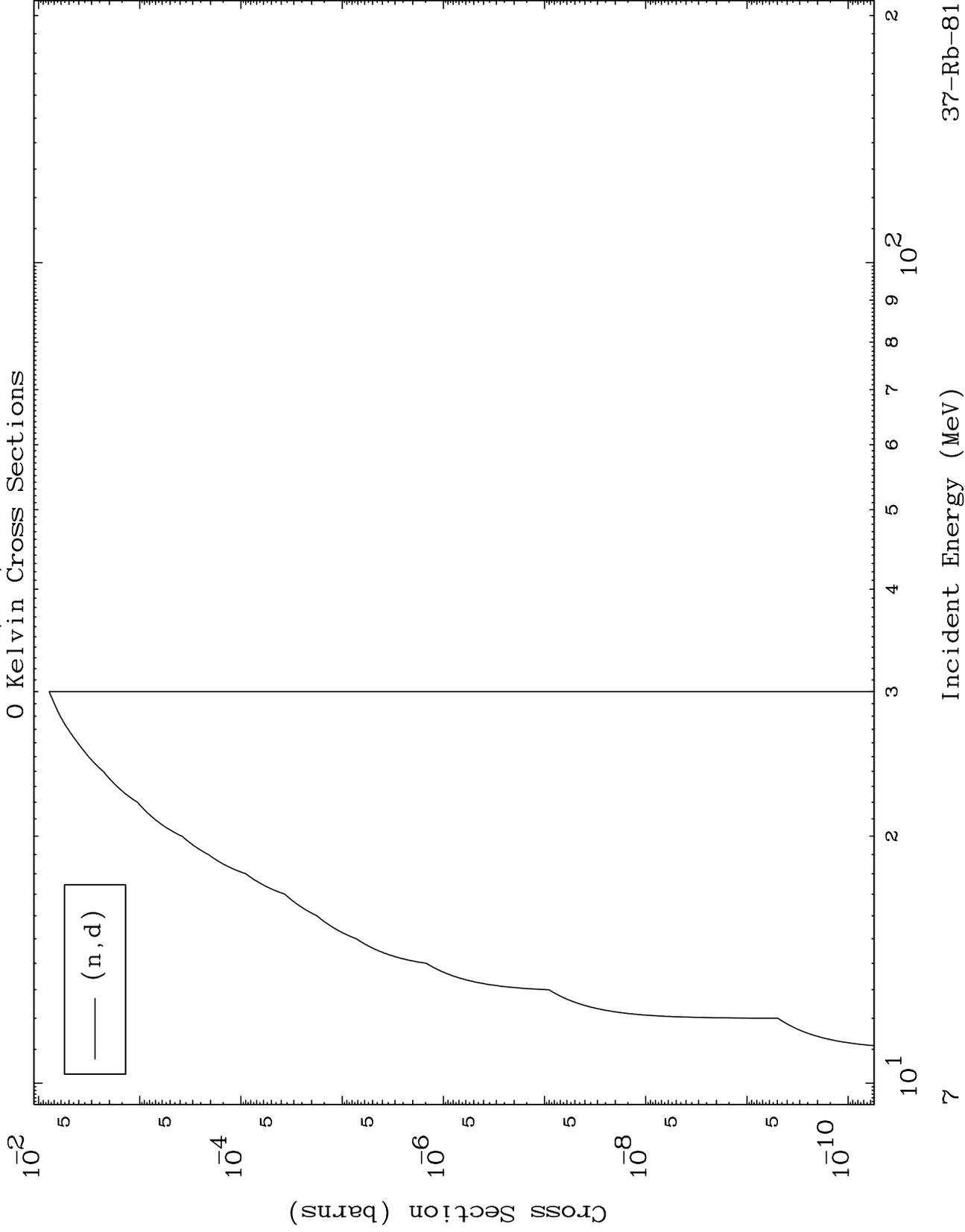
0 Kelvin Cross Sections

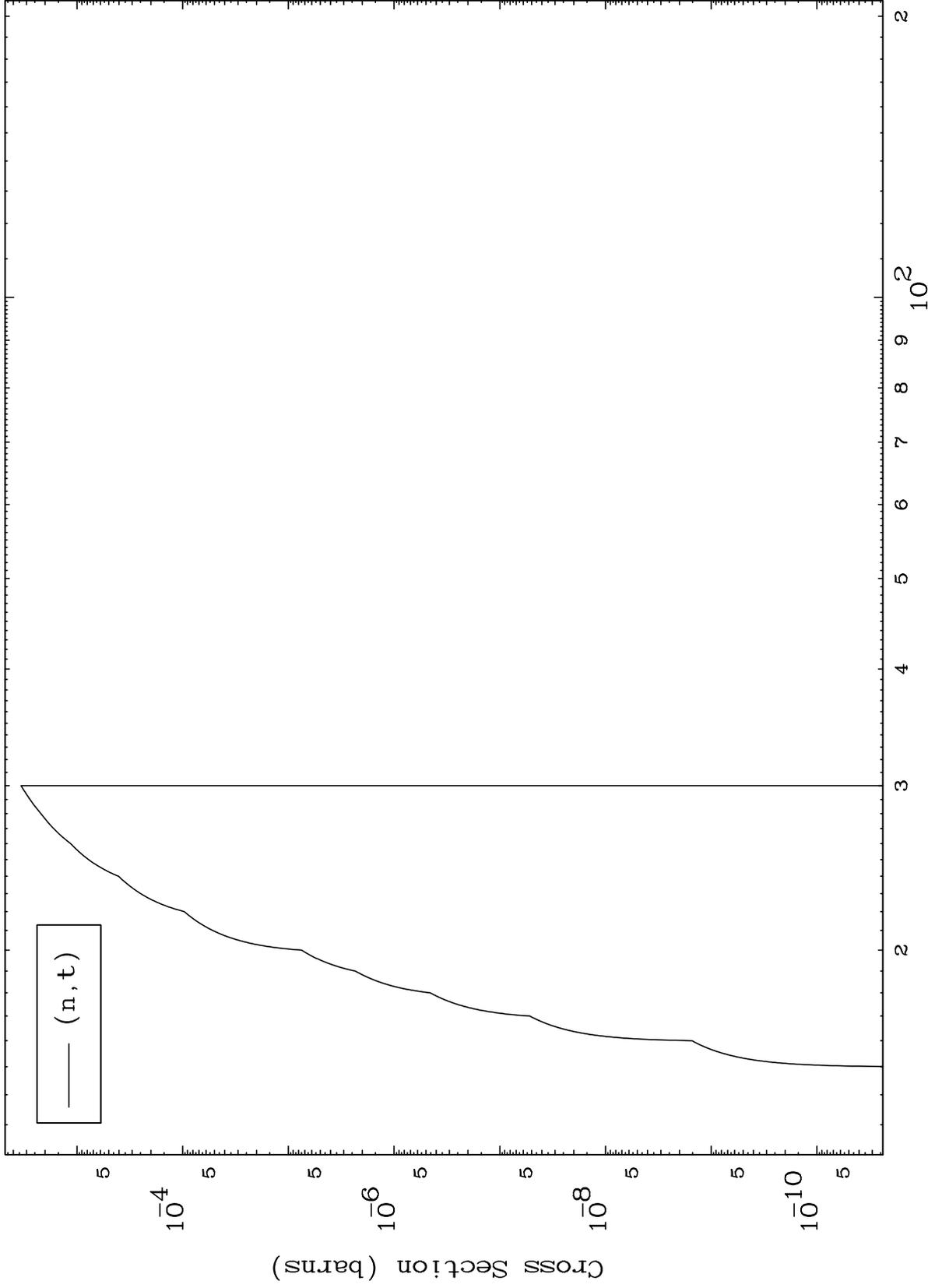


MAT 3713

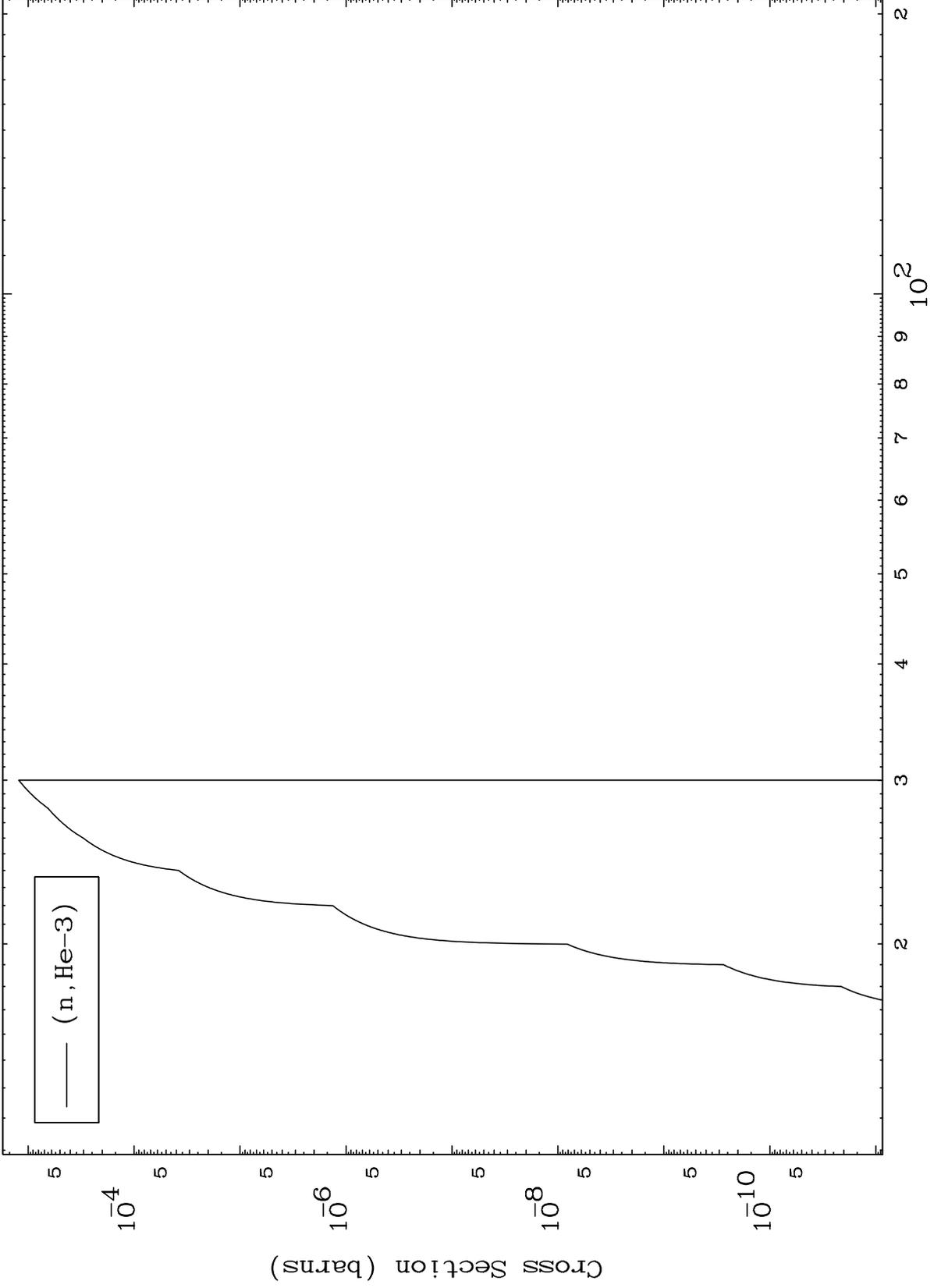
(α, d) Levels

37-Rb-81





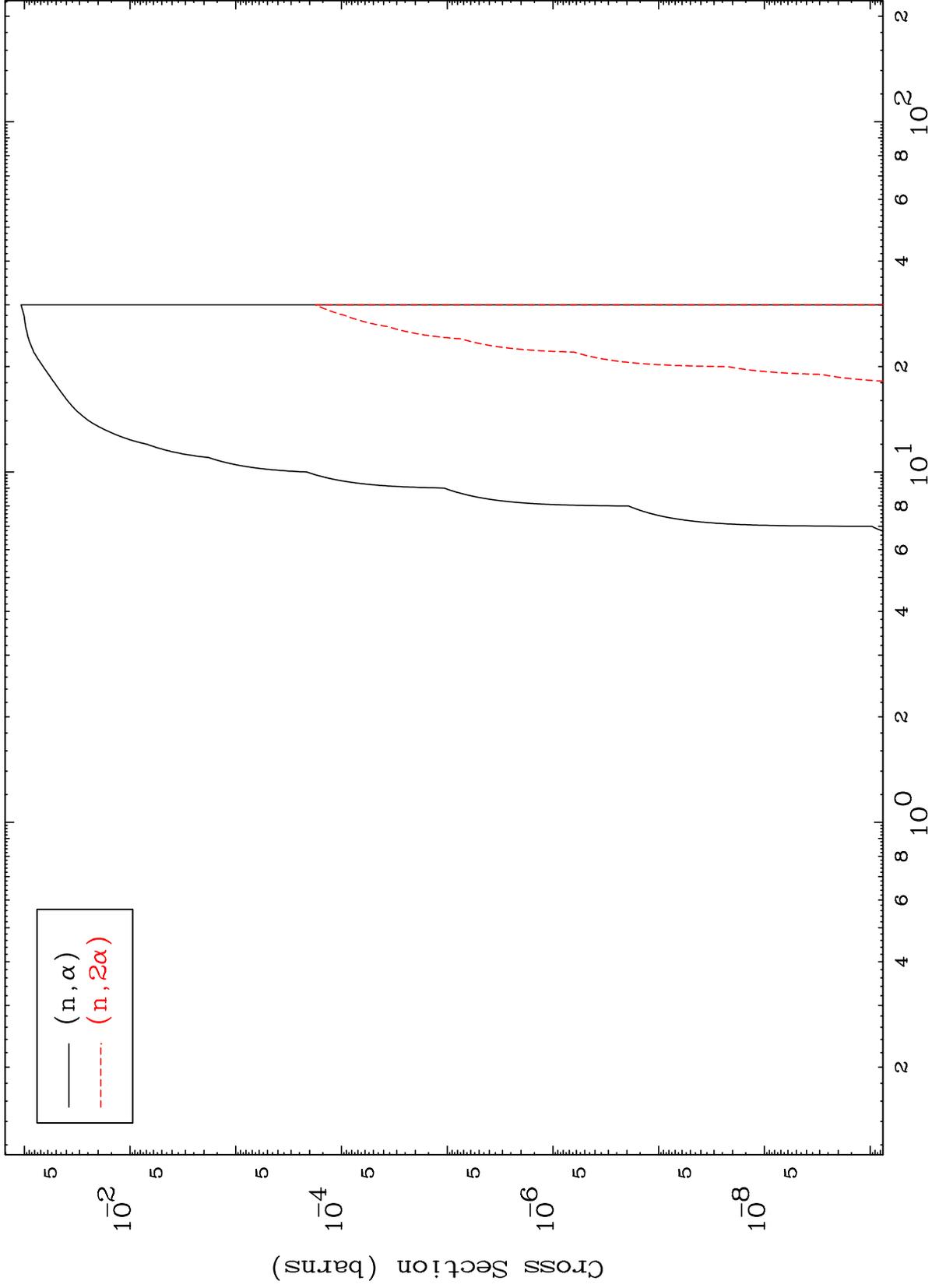
(α , He3) Levels
0 Kelvin Cross Sections



MAT 3713

(α, α) Levels
0 Kelvin Cross Sections

37-Rb-81



10

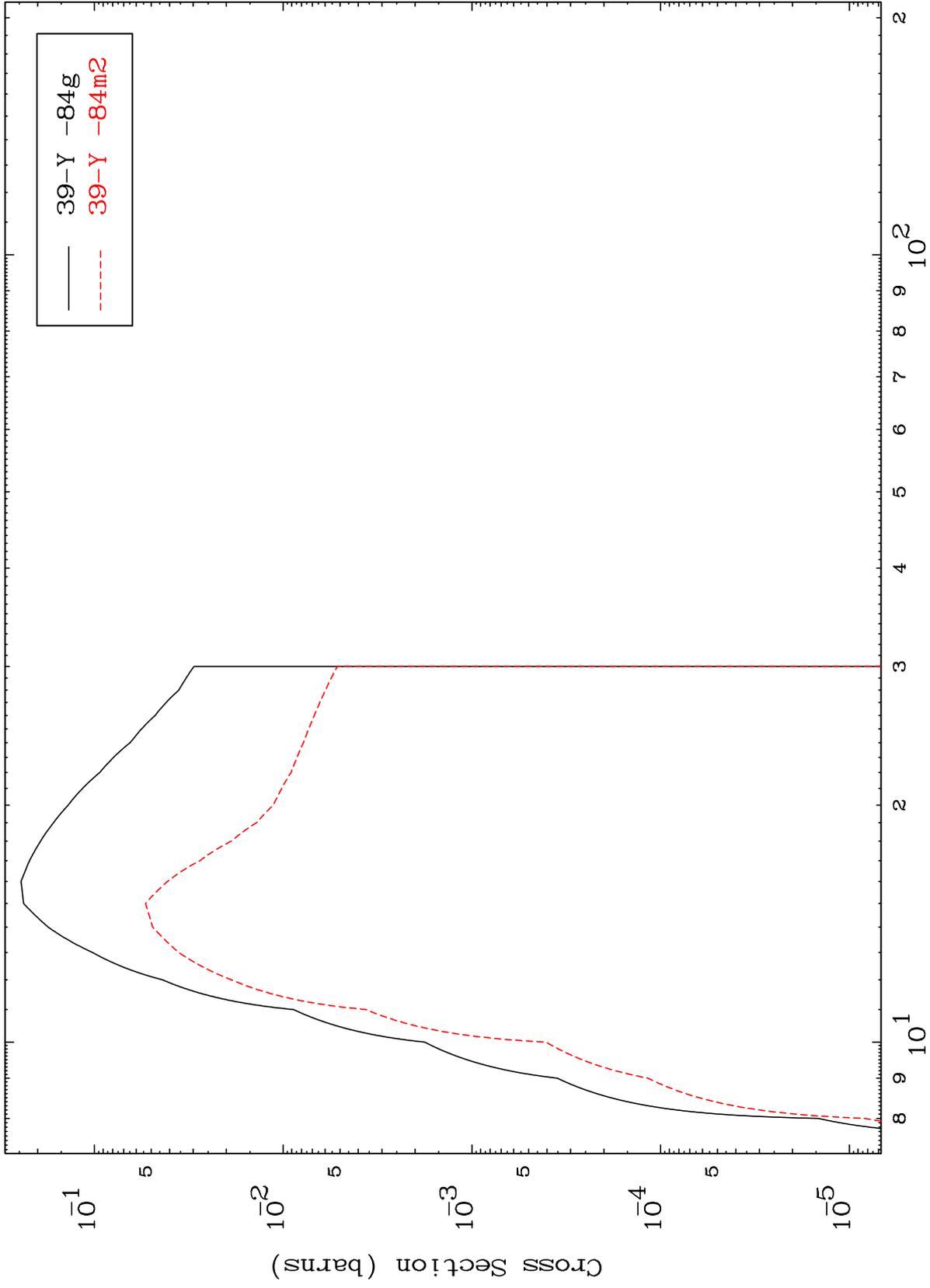
Incident Energy (MeV)

37-Rb-81

MAT 3713

37-Rb-81

Inelastic
Radionuclide Production Cross Section



11

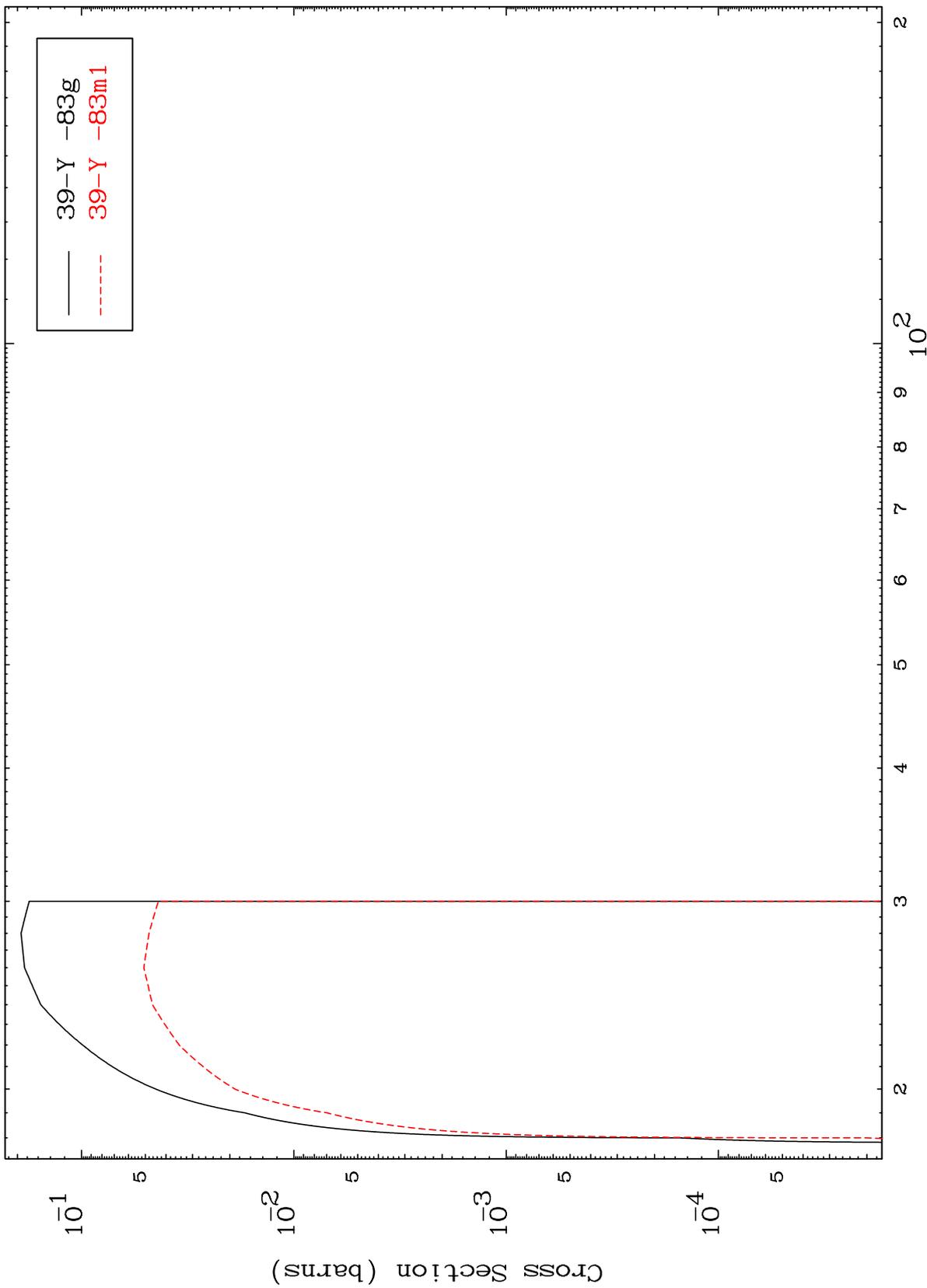
Incident Energy (MeV)

37-Rb-81

MAT 3713

37-Rb-81

(n,2n)
Radionuclide Production Cross Section

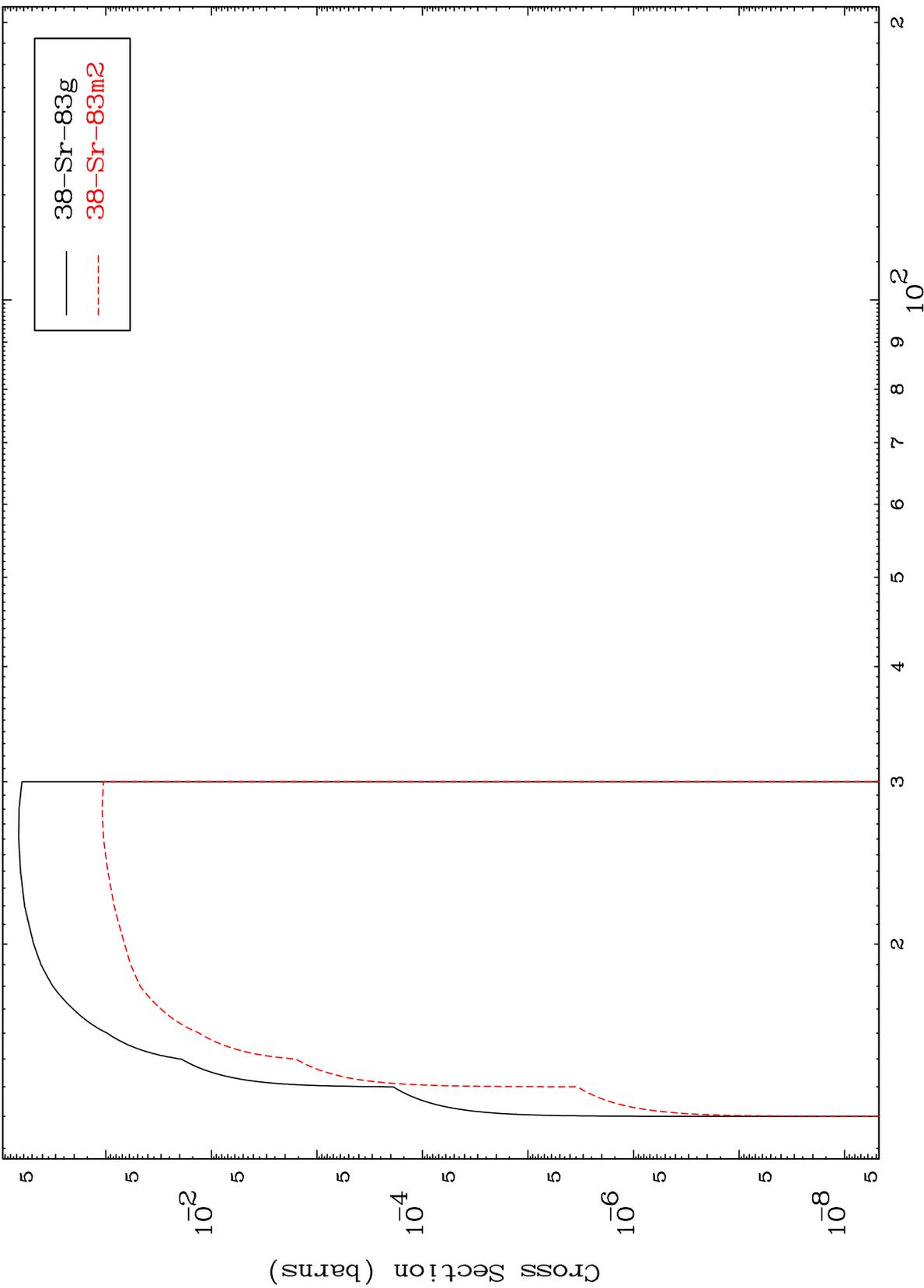


12

Incident Energy (MeV)

37-Rb-81

Radionuclide Production Cross Section



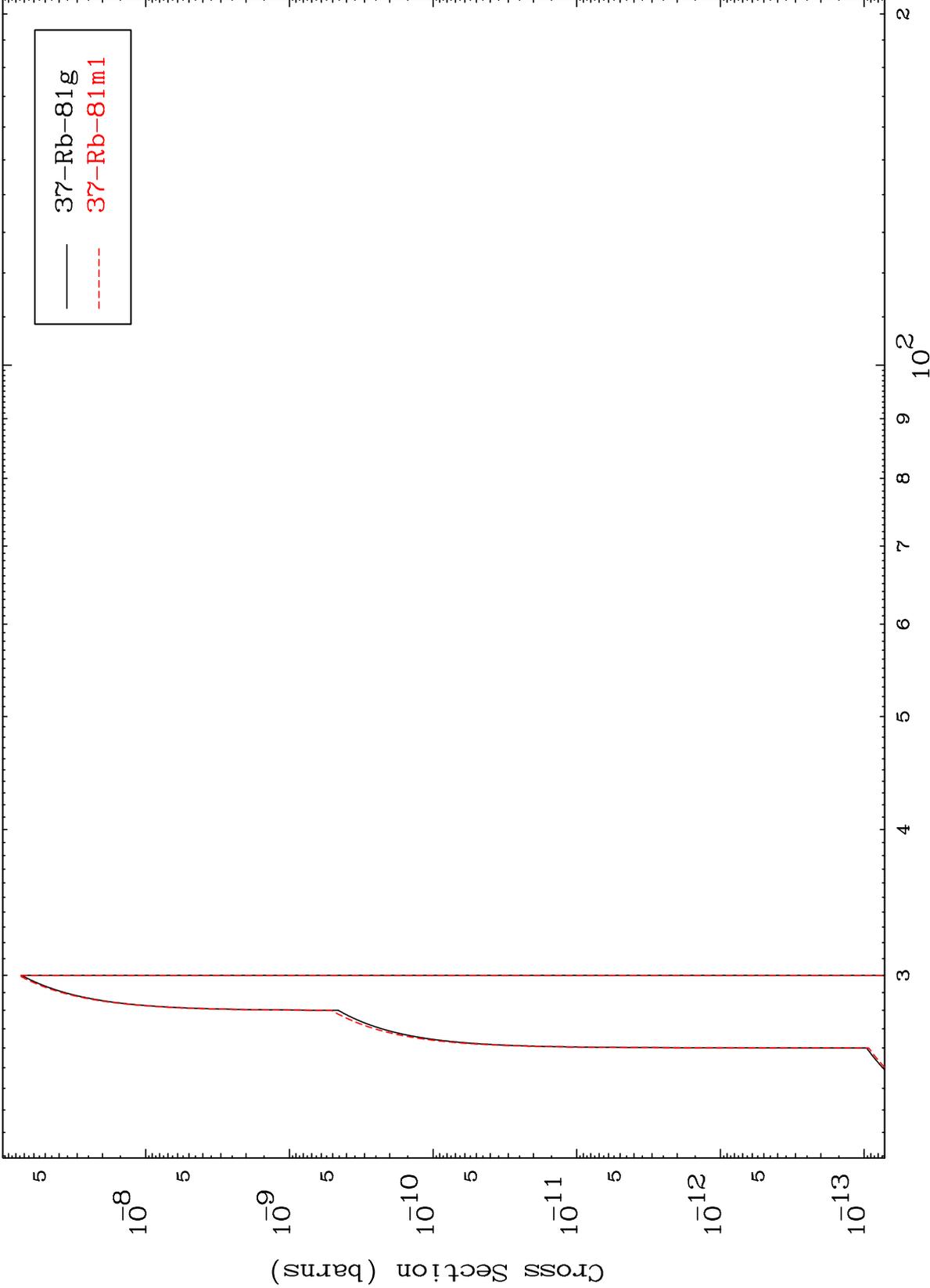
38-Sr-83g
38-Sr-83m2

MAT 3713

(n,n') He-3

37-Rb-81

Radionuclide Production Cross Section



14

Incident Energy (MeV)

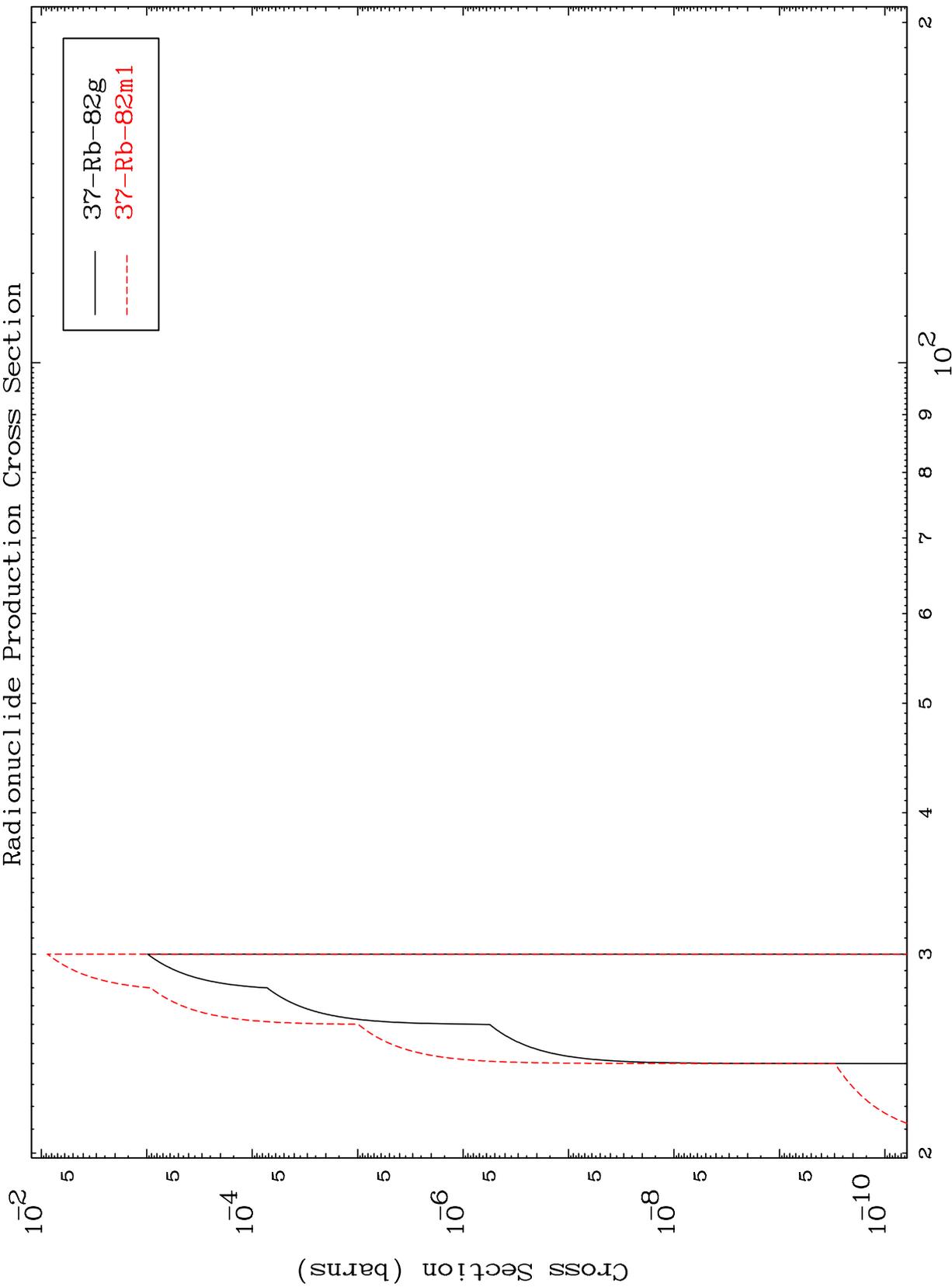
37-Rb-81

MAT 3713

(n,2n) p

37-Rb-81

Radionuclide Production Cross Section



15

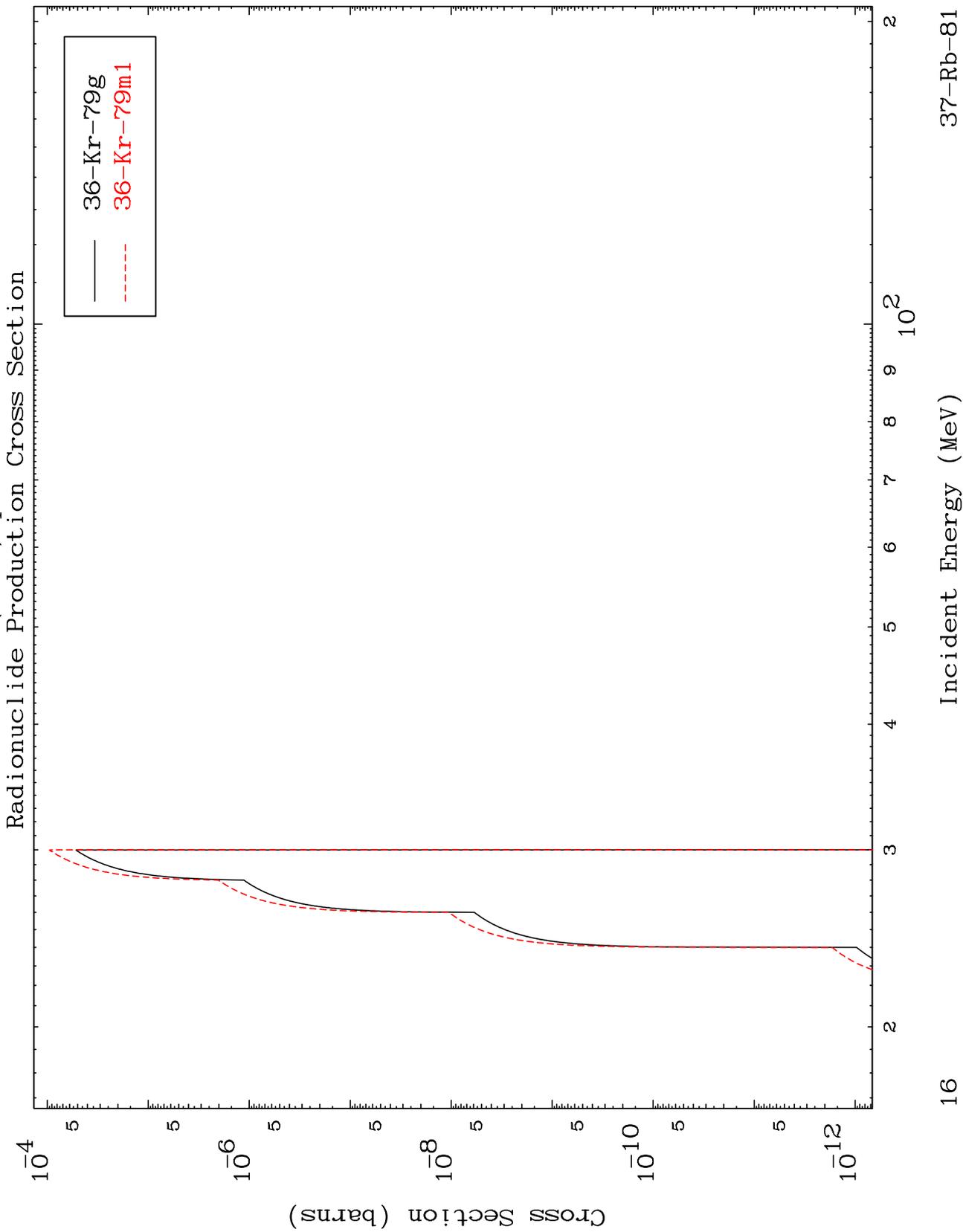
Incident Energy (MeV)

37-Rb-81

MAT 3713

(n,n') p α

37-Rb-81



16

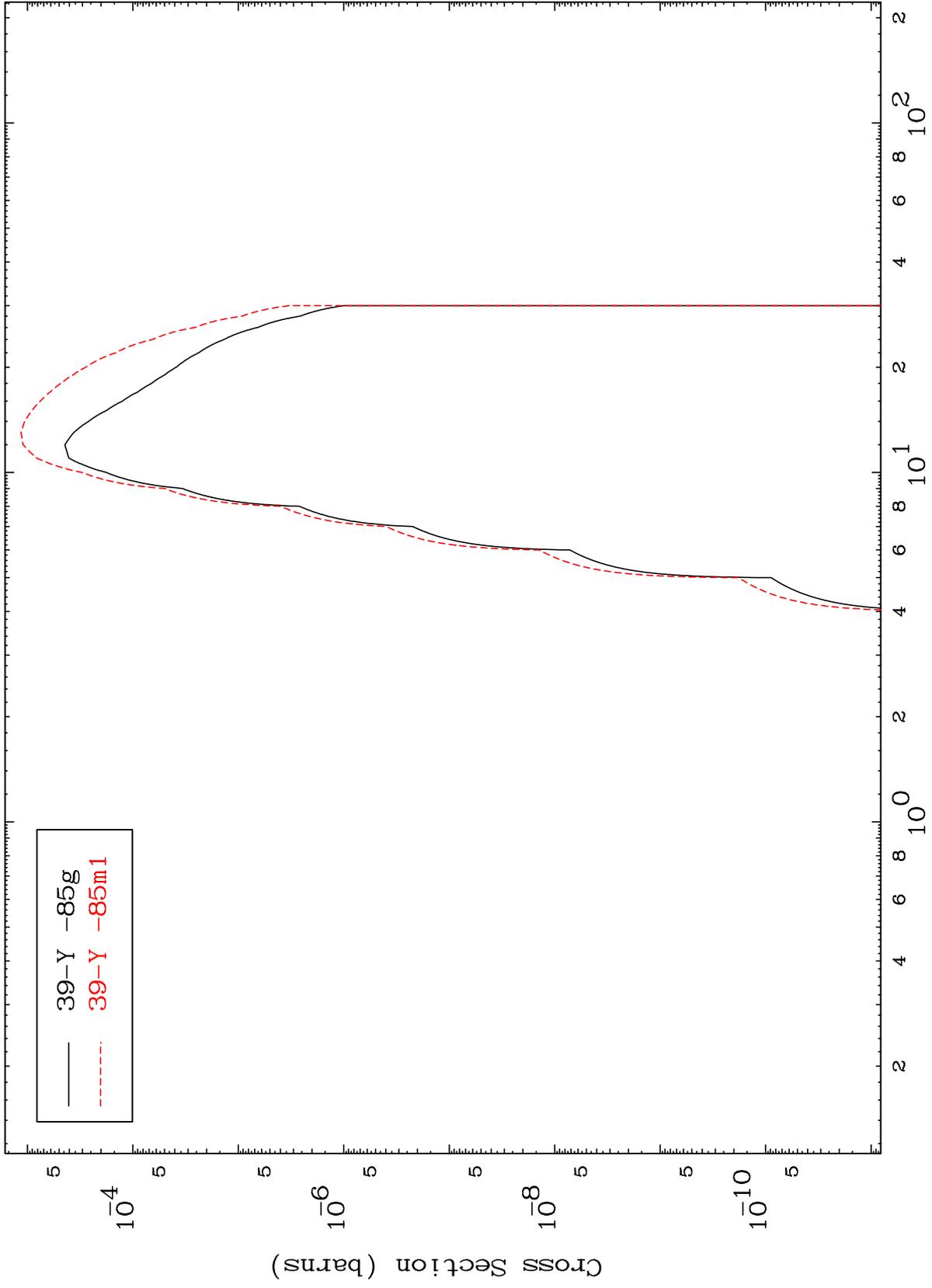
Incident Energy (MeV)

37-Rb-81

MAT 3713

37-Rb-81

(n, γ)
Radionuclide Production Cross Section



17

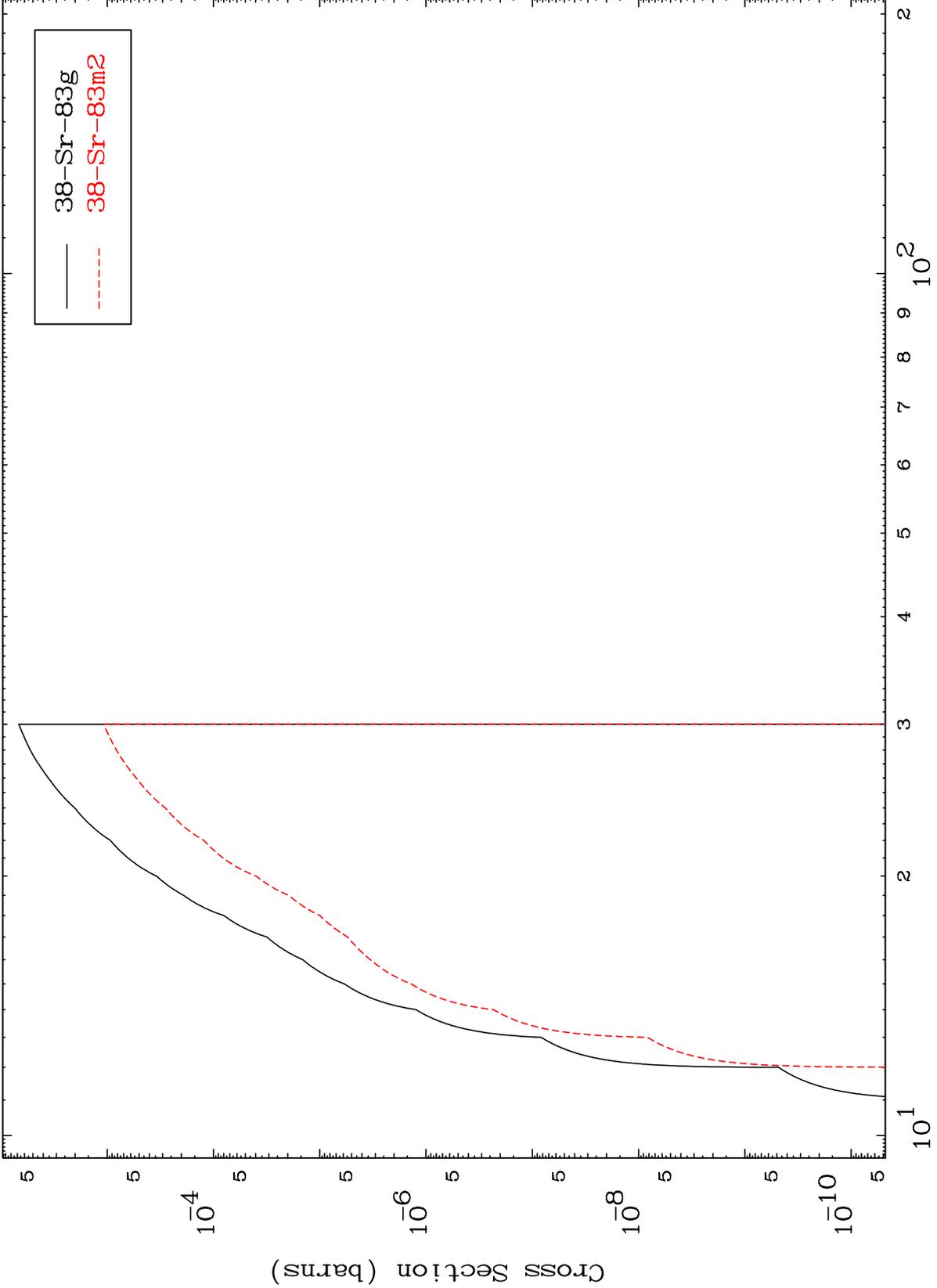
37-Rb-81

MAT 3713

(n,d)

37-Rb-81

Radionuclide Production Cross Section



Incident Energy (MeV)

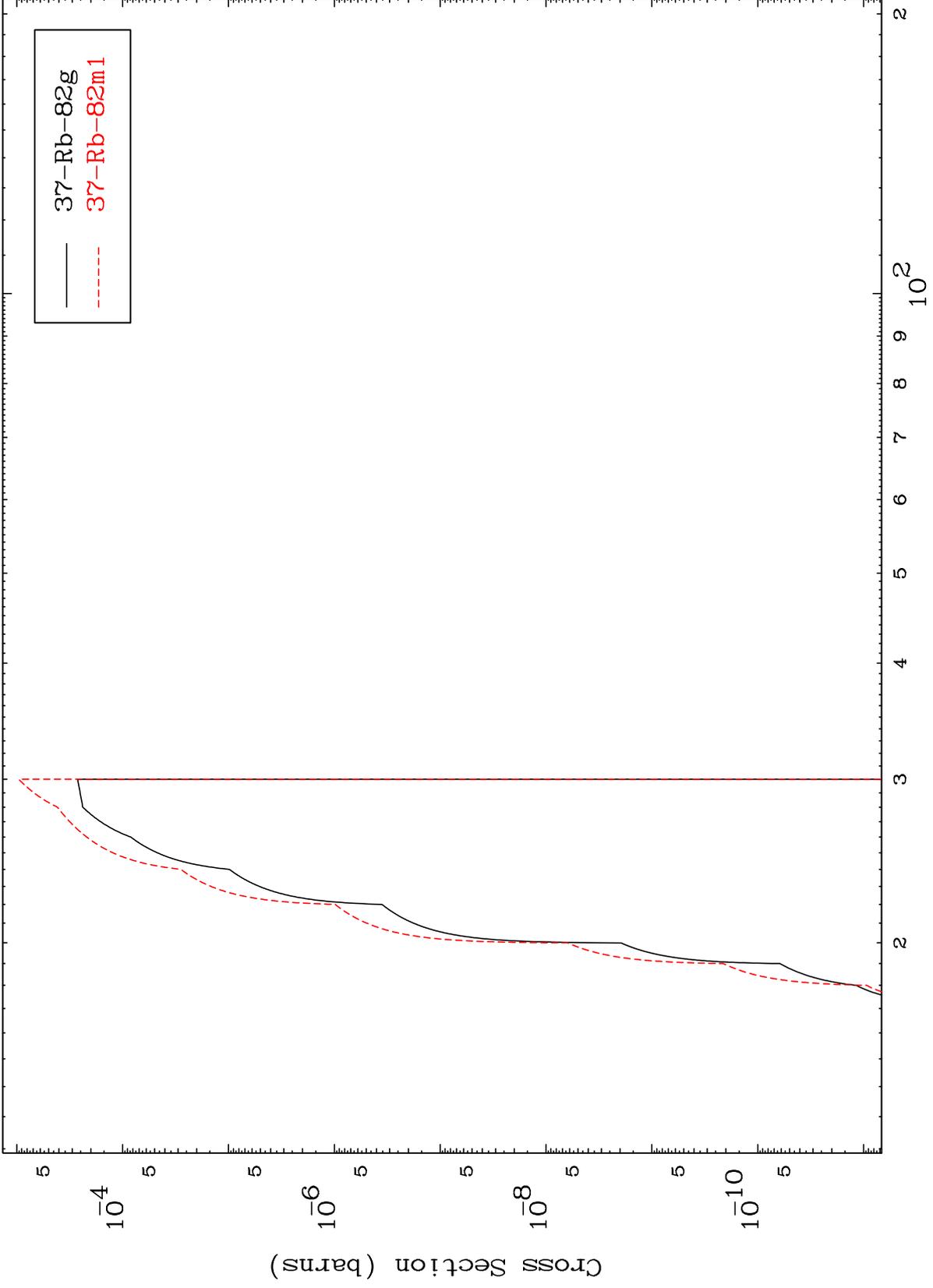
37-Rb-81

MAT 3713

(n,He-3)

37-Rb-81

Radionuclide Production Cross Section



19

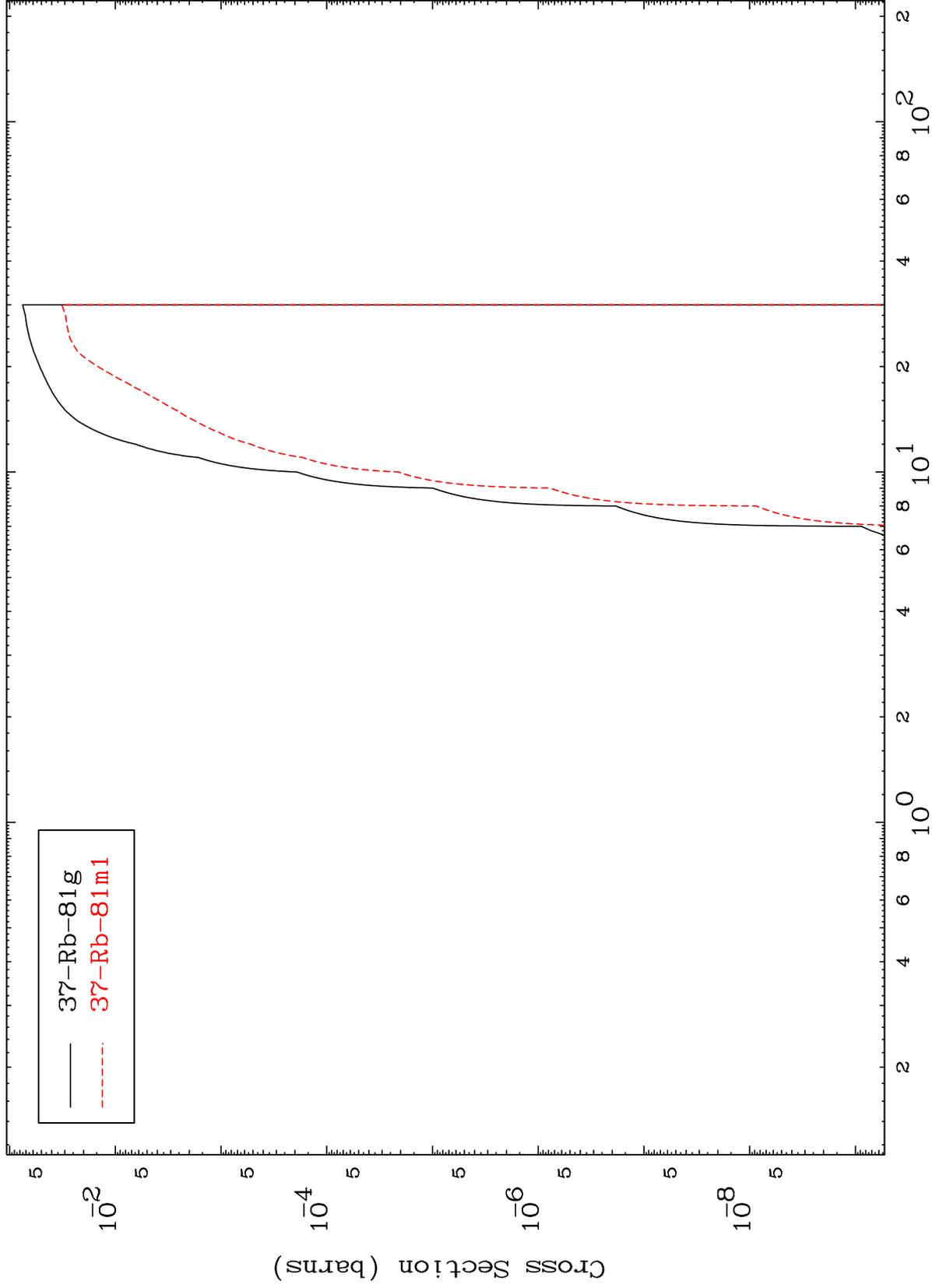
Incident Energy (MeV)

37-Rb-81

MAT 3713

³⁷Rb-81

Radionuclide Production Cross Section

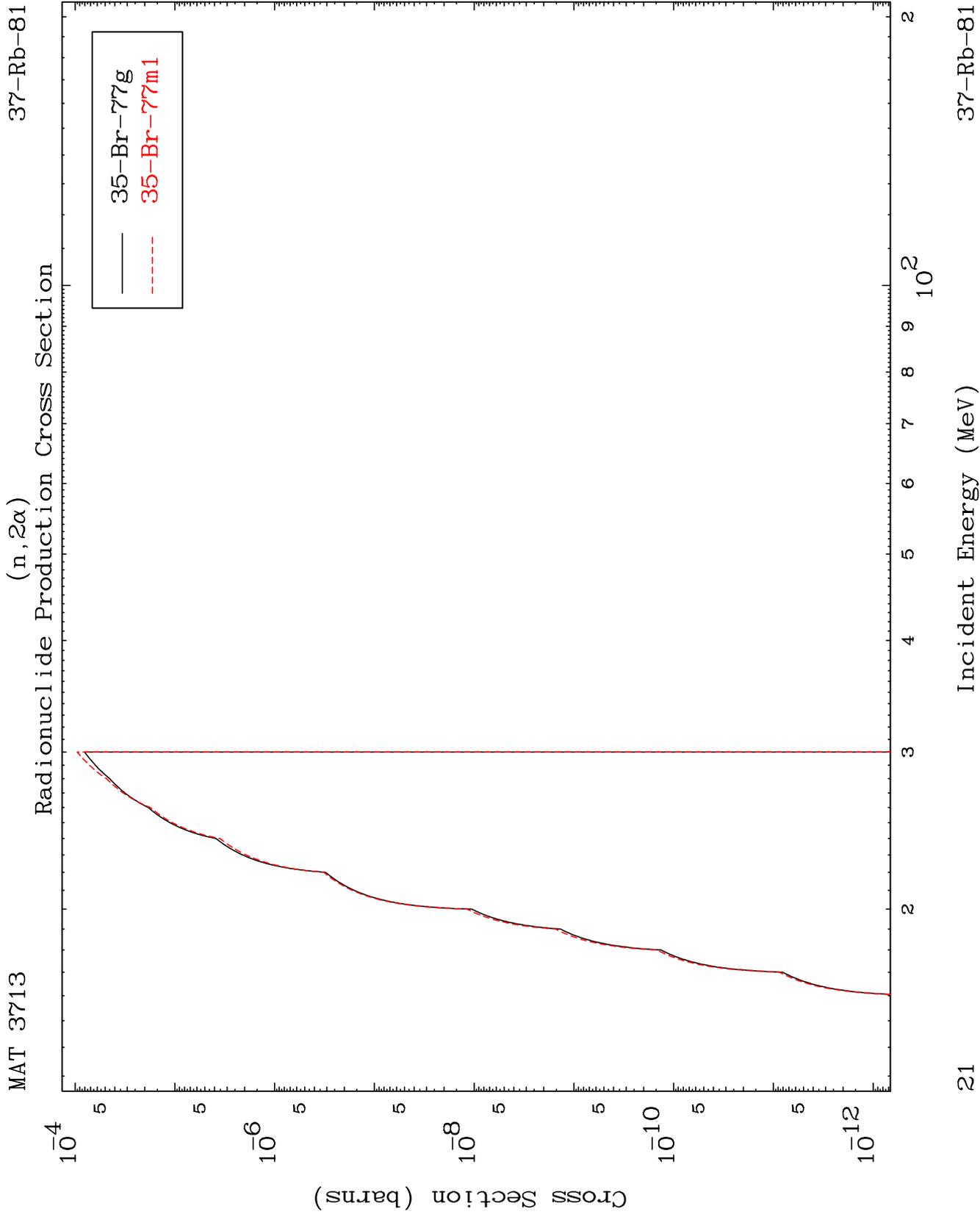


20

³⁷Rb-81

MAT 3713

37-Rb-81



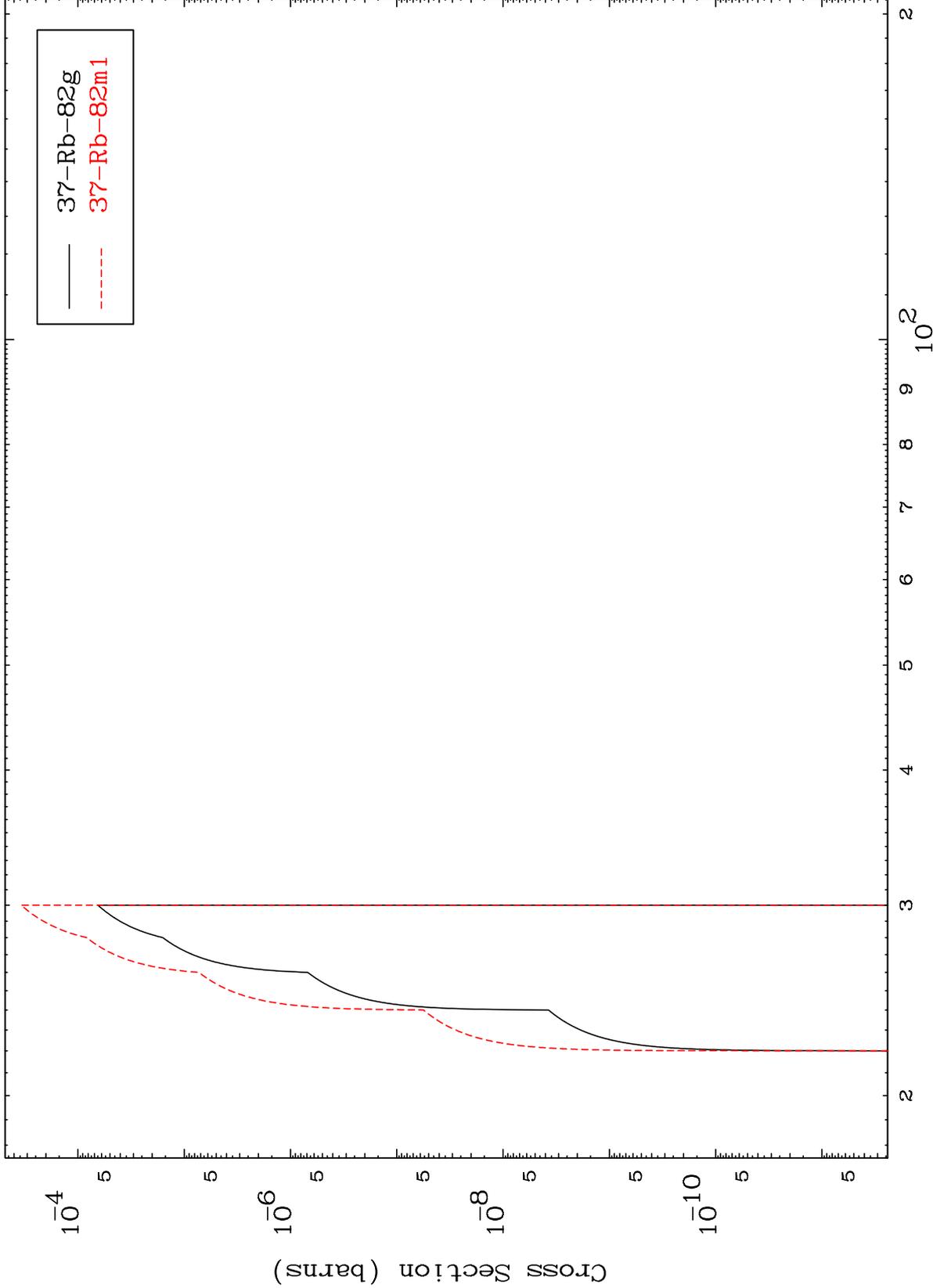
21

MAT 3713

(n,p) d

37-Rb-81

Radionuclide Production Cross Section



22

Incident Energy (MeV)

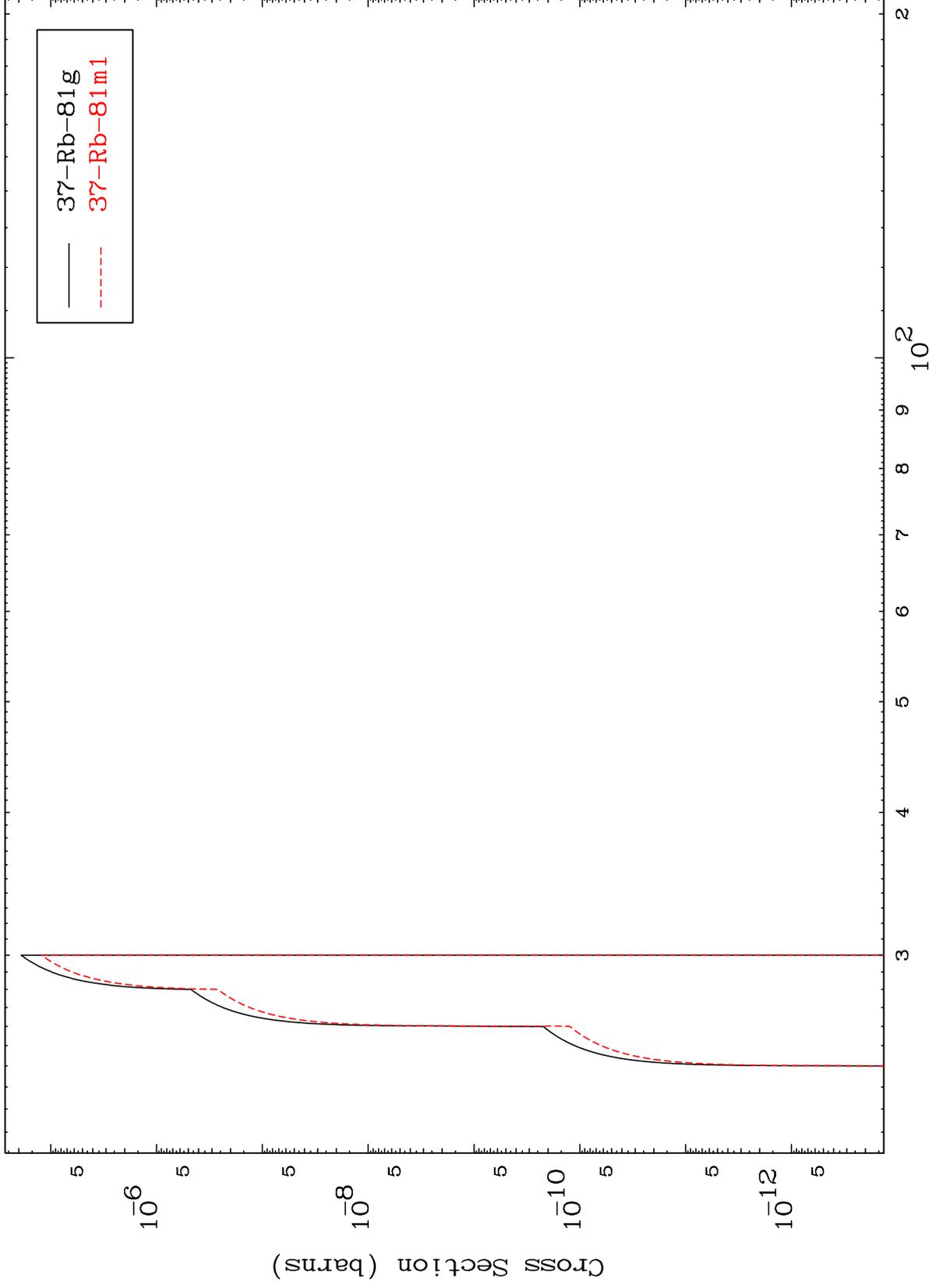
37-Rb-81

MAT 3713

(n,p) t

³⁷Rb-81

Radionuclide Production Cross Section



23

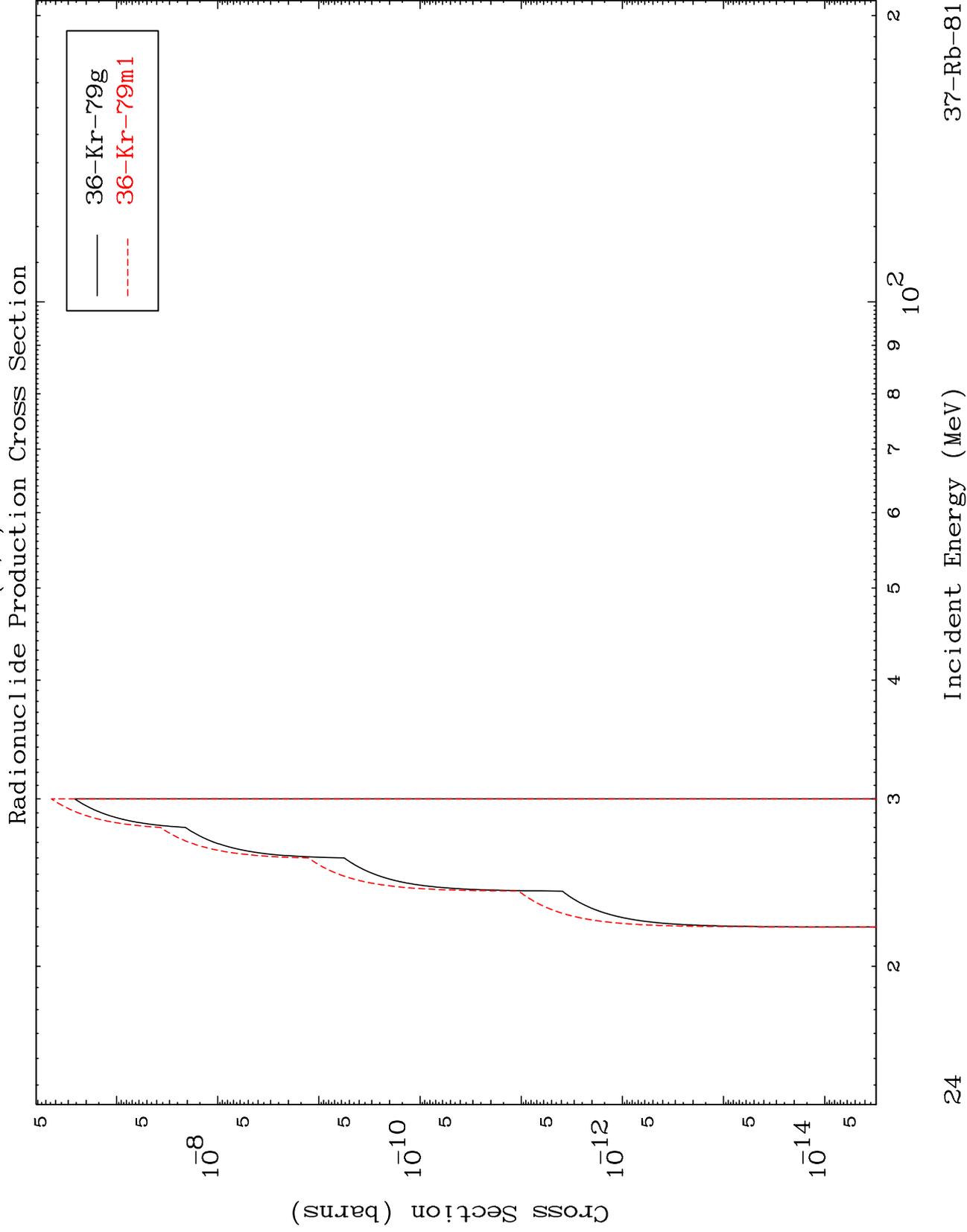
Incident Energy (MeV)

³⁷Rb-81

MAT 3713

(n,d) α

37-Rb-81



24

Incident Energy (MeV)

37-Rb-81