

Program EVALPLOT
(Version 2018-1)

by

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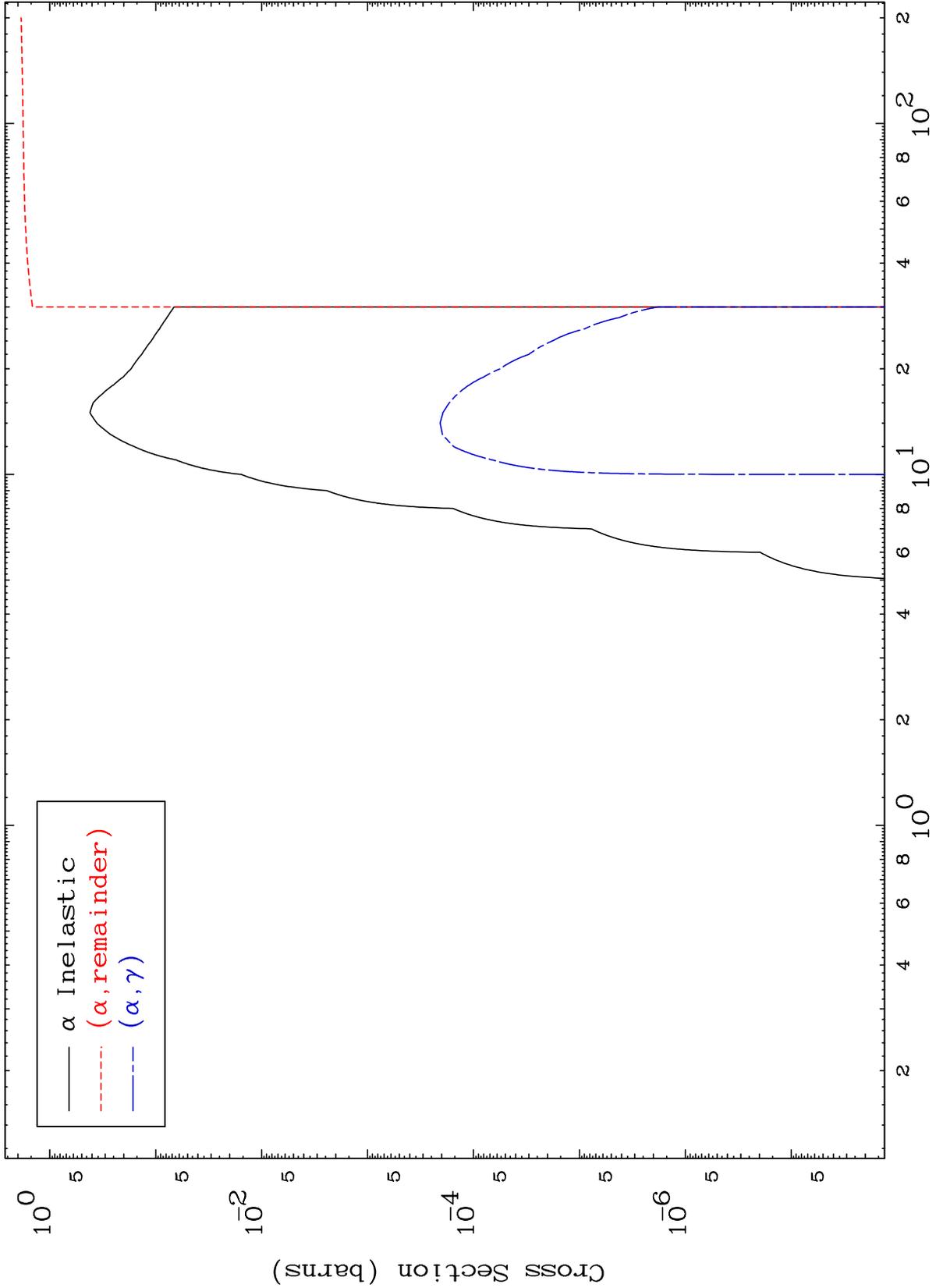
Press Mouse Button to Start

MAT 3722

α Major

37-Rb-84

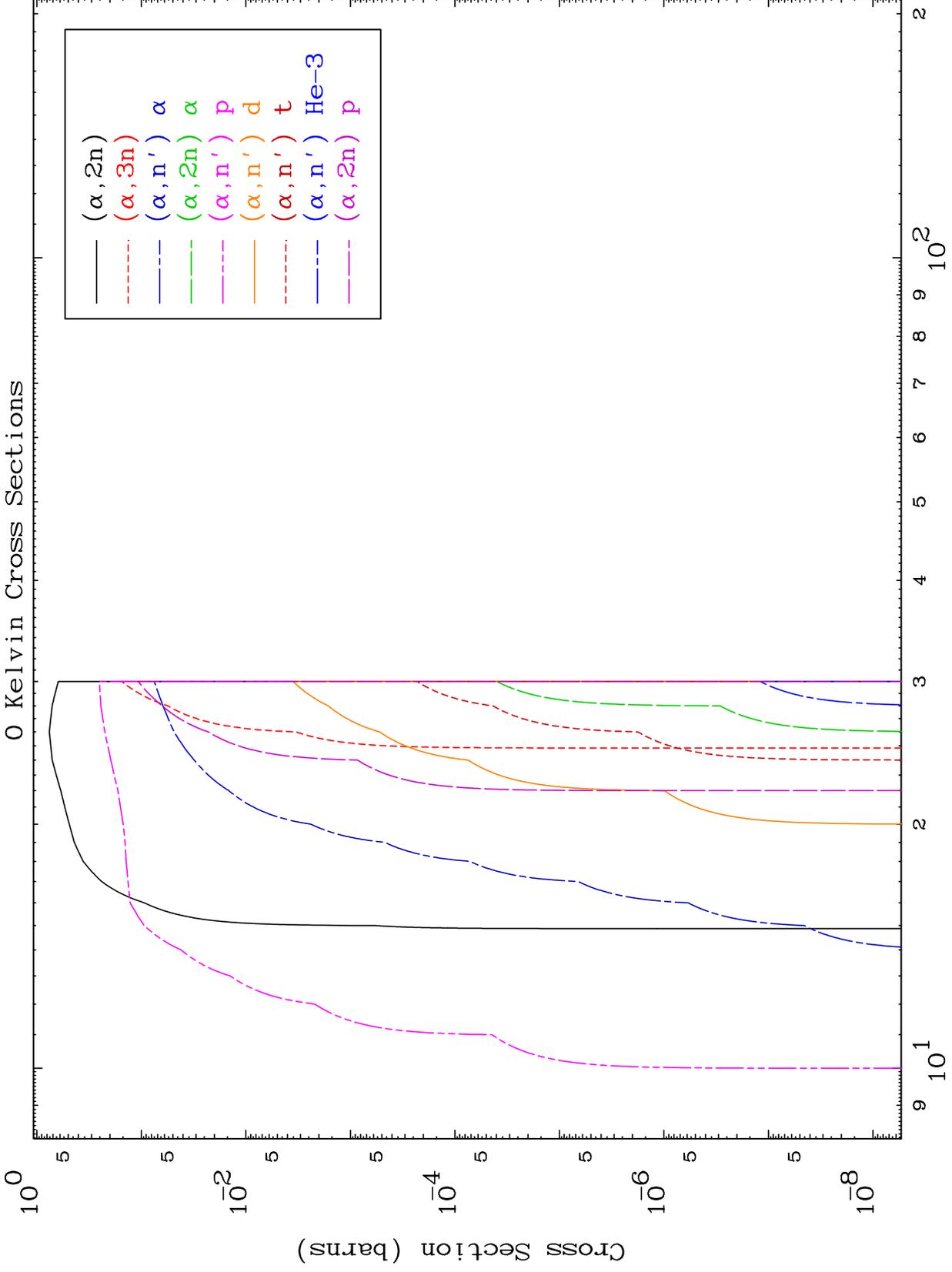
0 Kelvin Cross Sections



MAT 3722

α Neutron Production
0 Kelvin Cross Sections

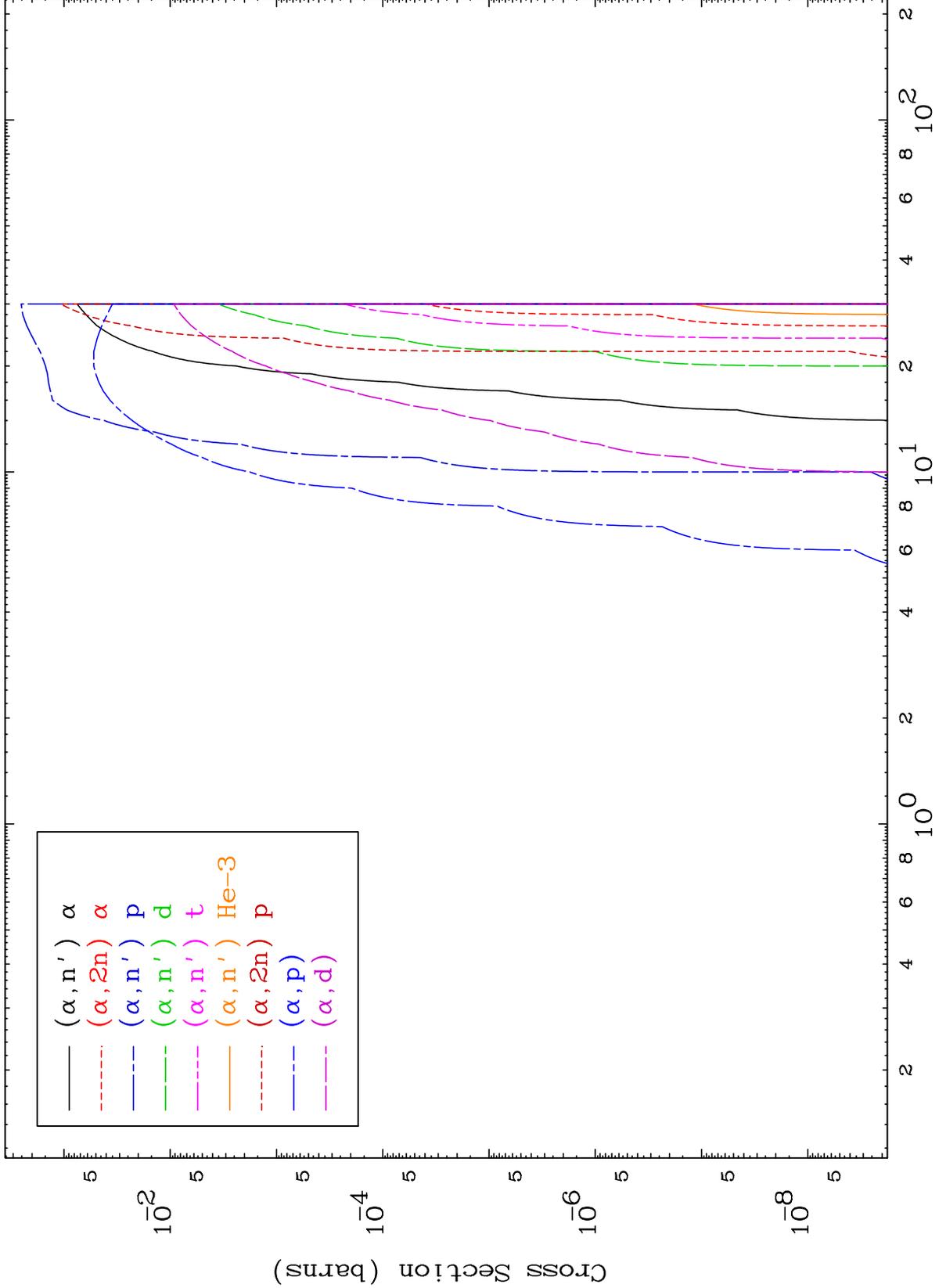
37-Rb-84

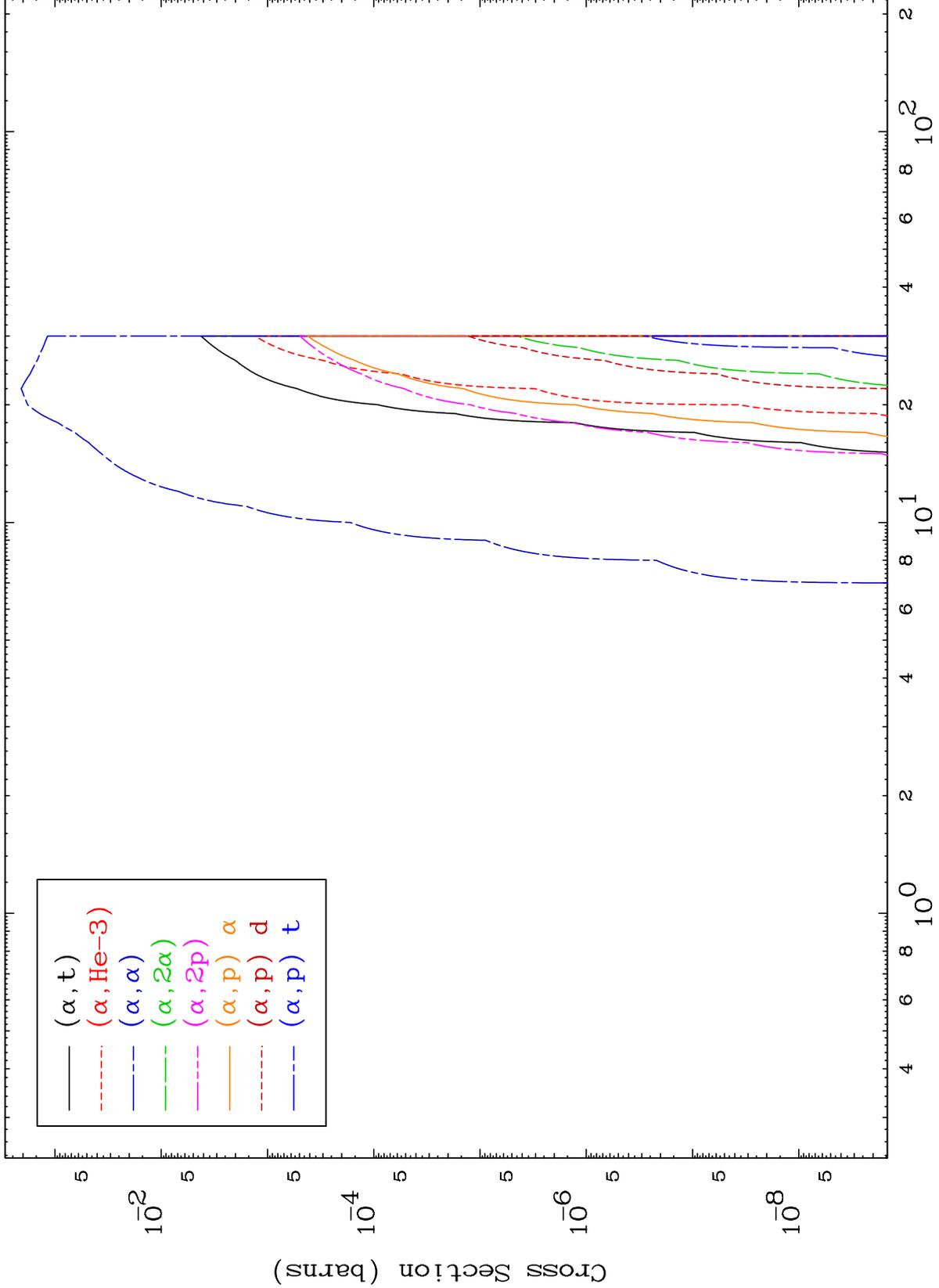


Incident Energy (MeV)

37-Rb-84

2



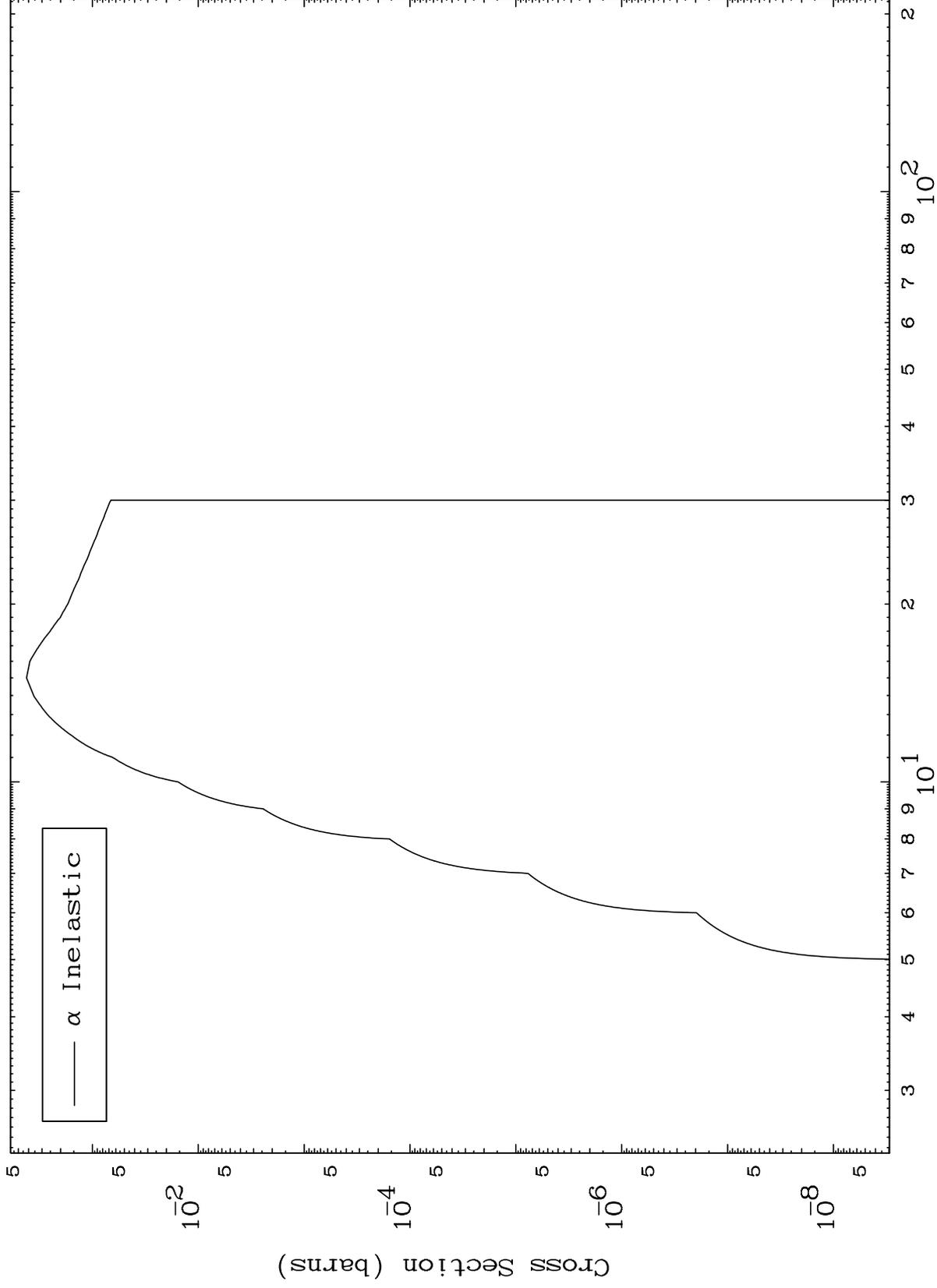


MAT 3722

(α, n') Level

37-Rb-84

0 Kelvin Cross Sections



5

Incident Energy (MeV)

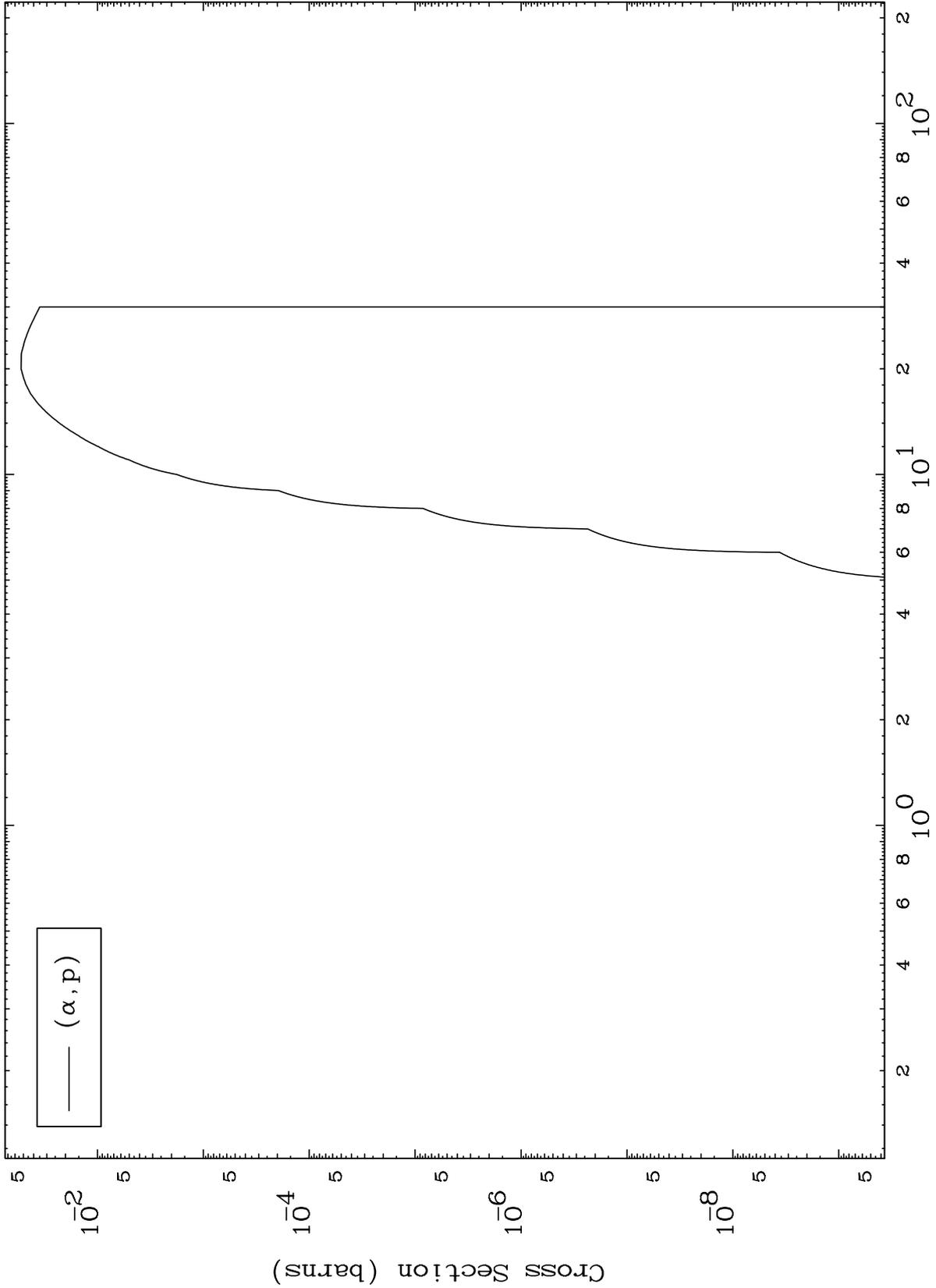
37-Rb-84

MAT 3722

(α, p) Levels

37-Rb-84

0 Kelvin Cross Sections

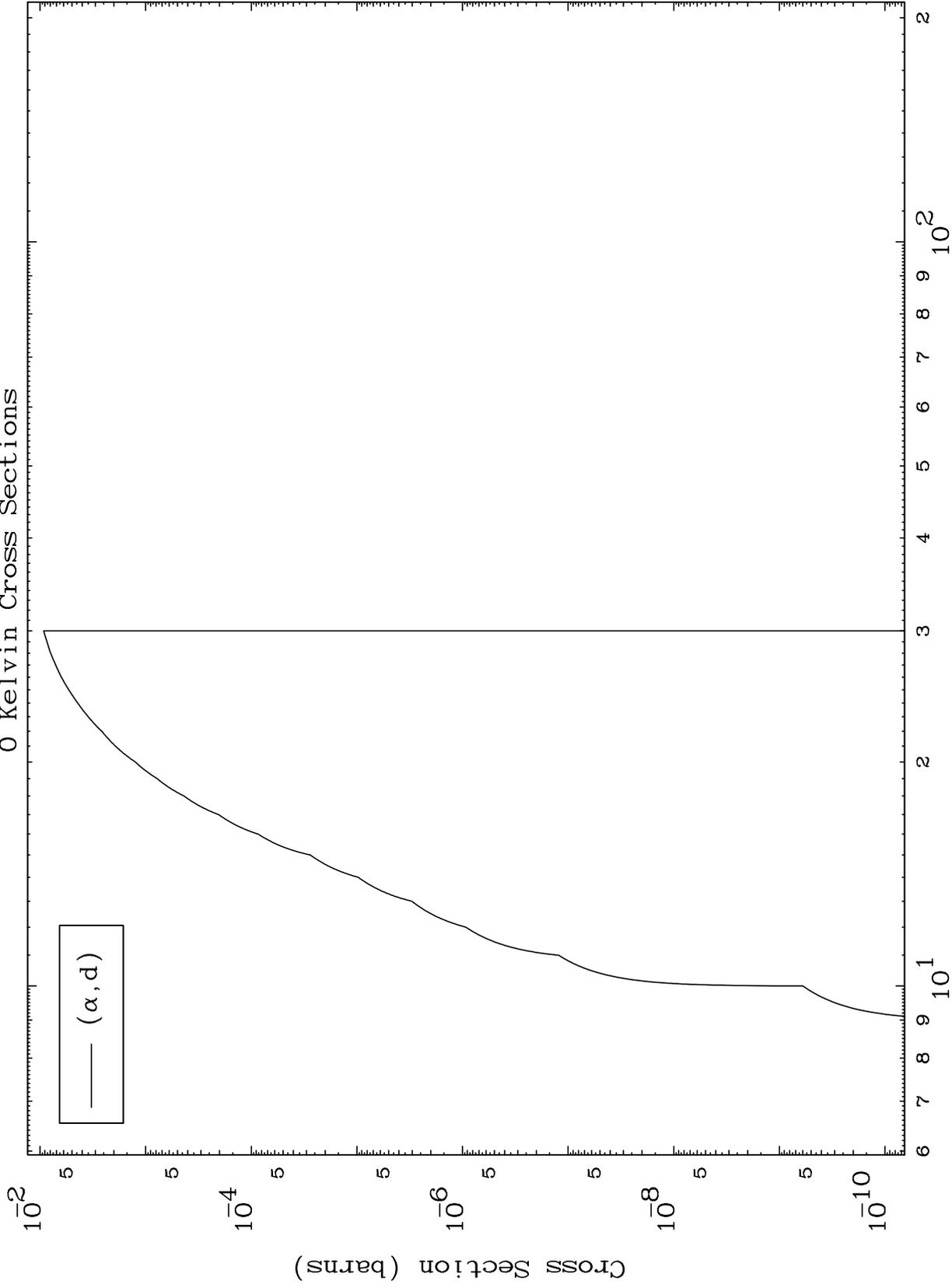


MAT 3722

(α, d) Levels

37-Rb-84

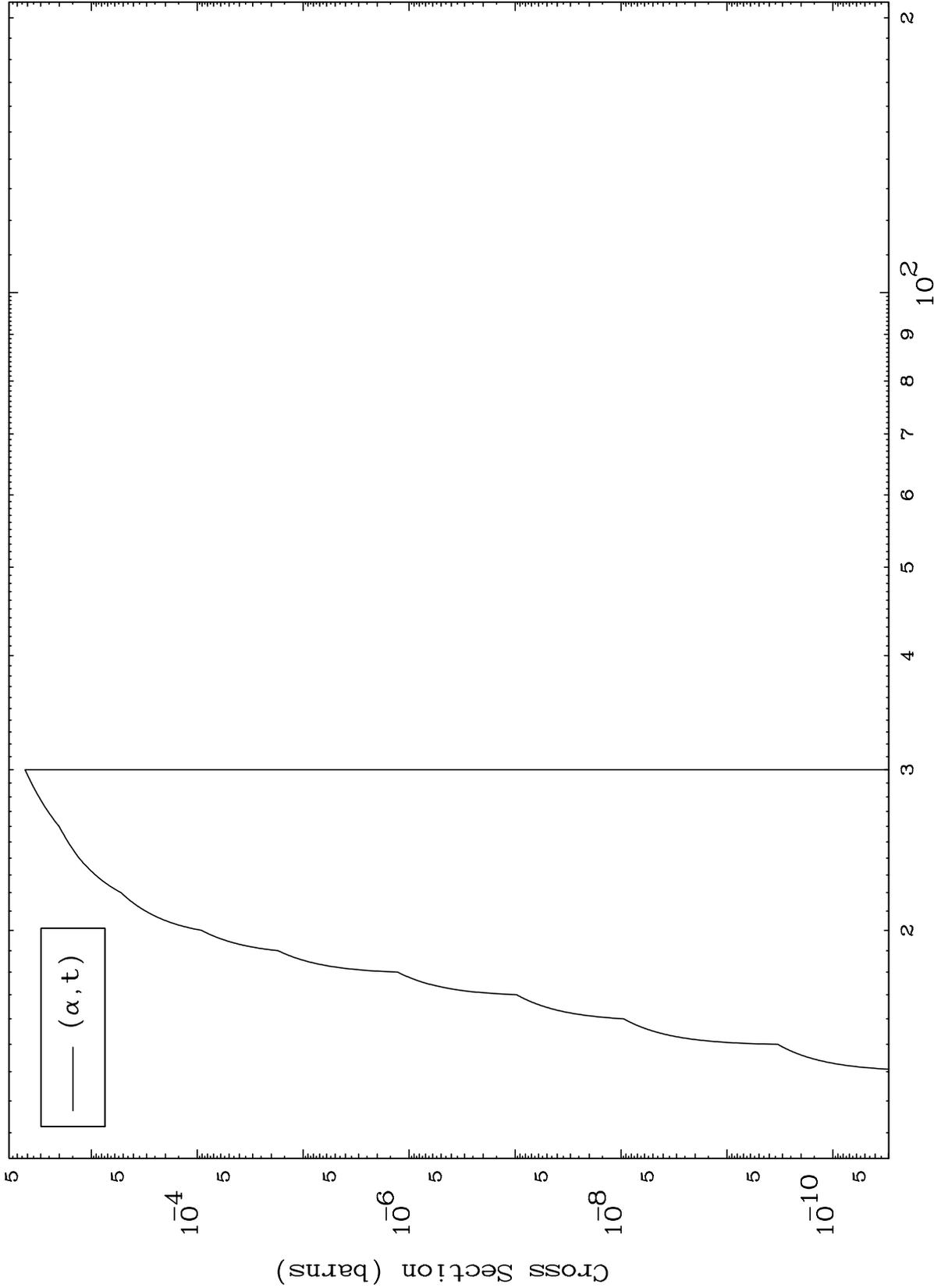
0 Kelvin Cross Sections



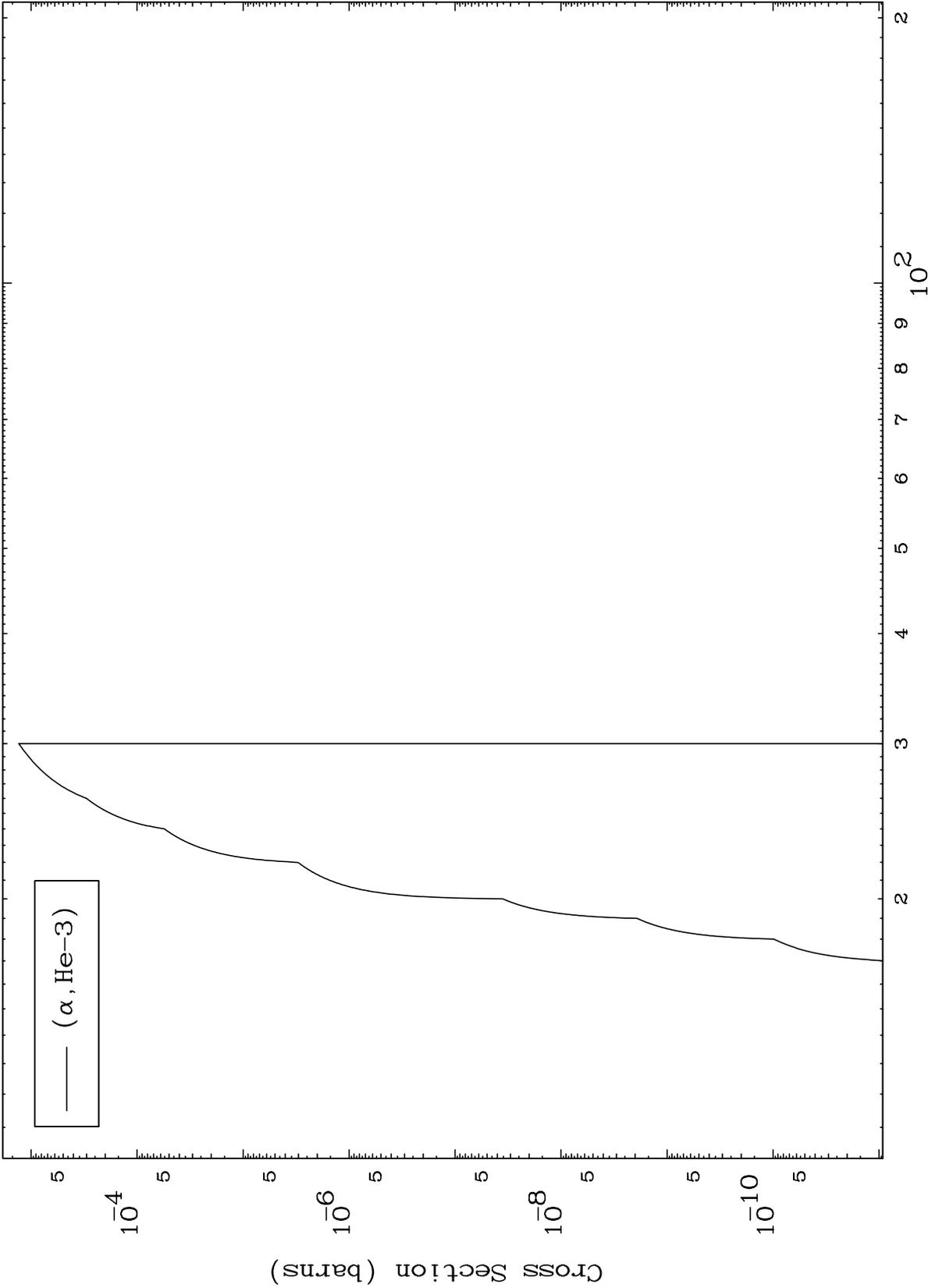
Incident Energy (MeV)

37-Rb-84

7



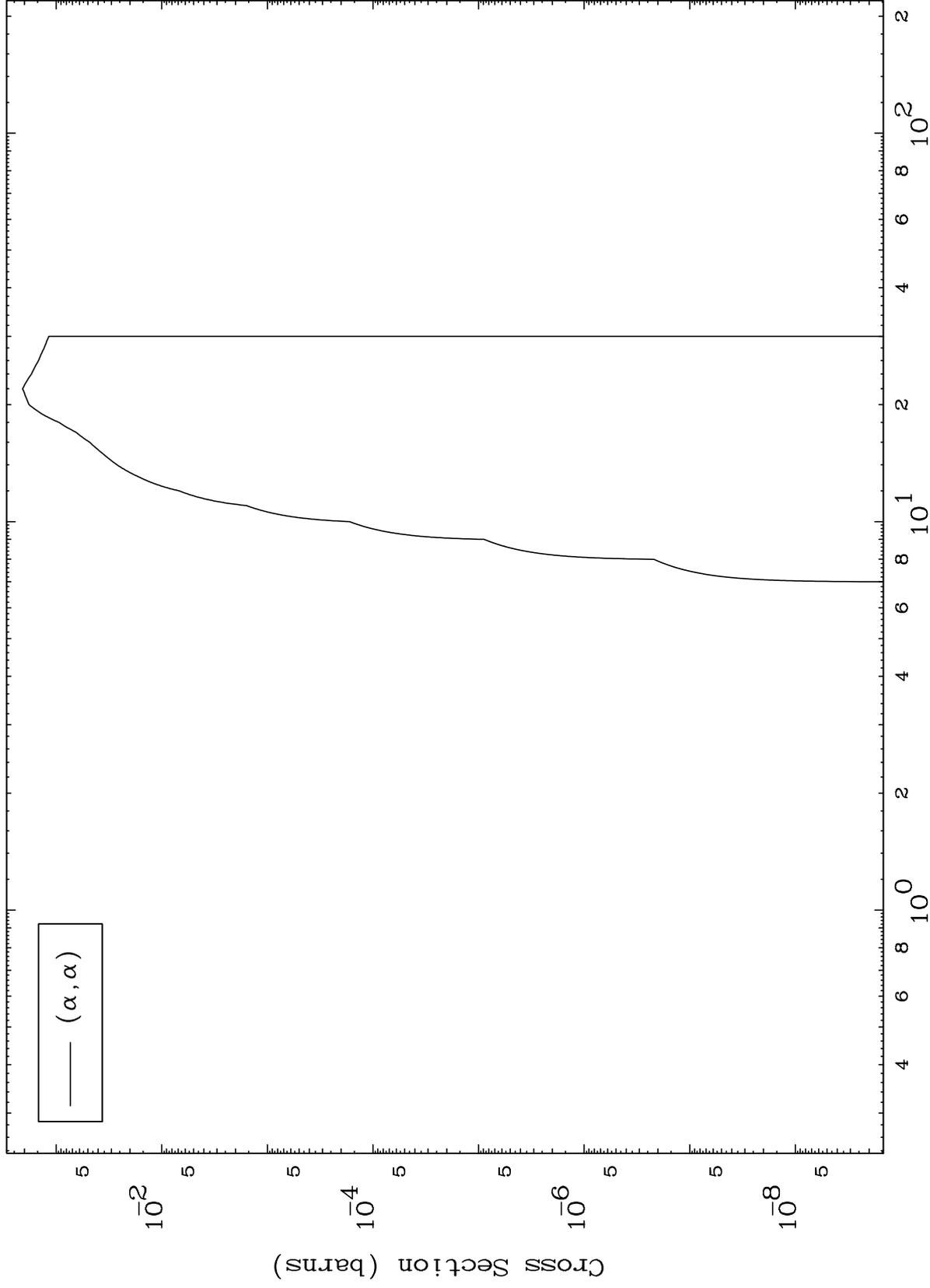
(α , He3) Levels
0 Kelvin Cross Sections



MAT 3722

37-Rb-84

(α, α) Levels
0 Kelvin Cross Sections



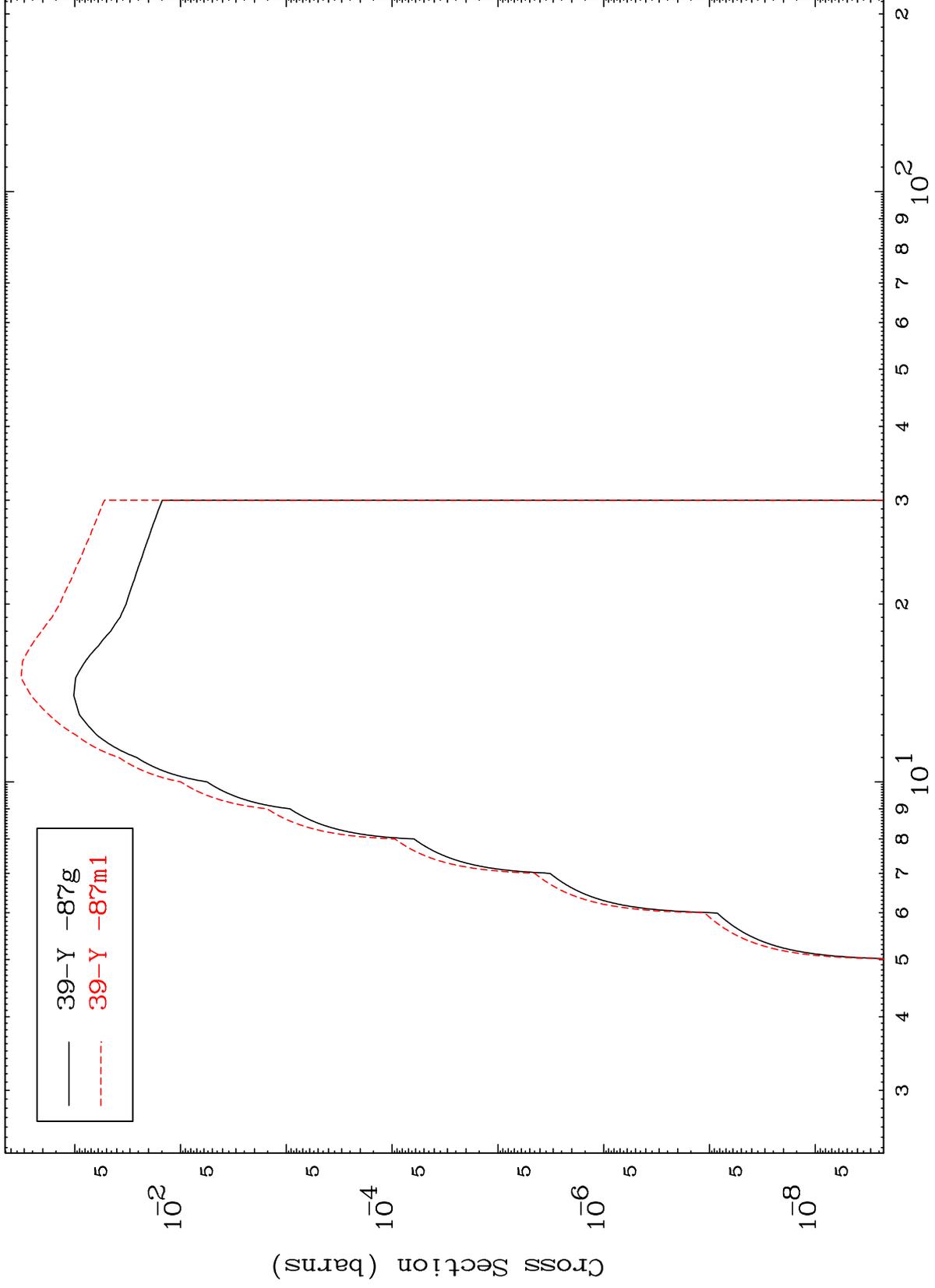
10

Incident Energy (MeV)

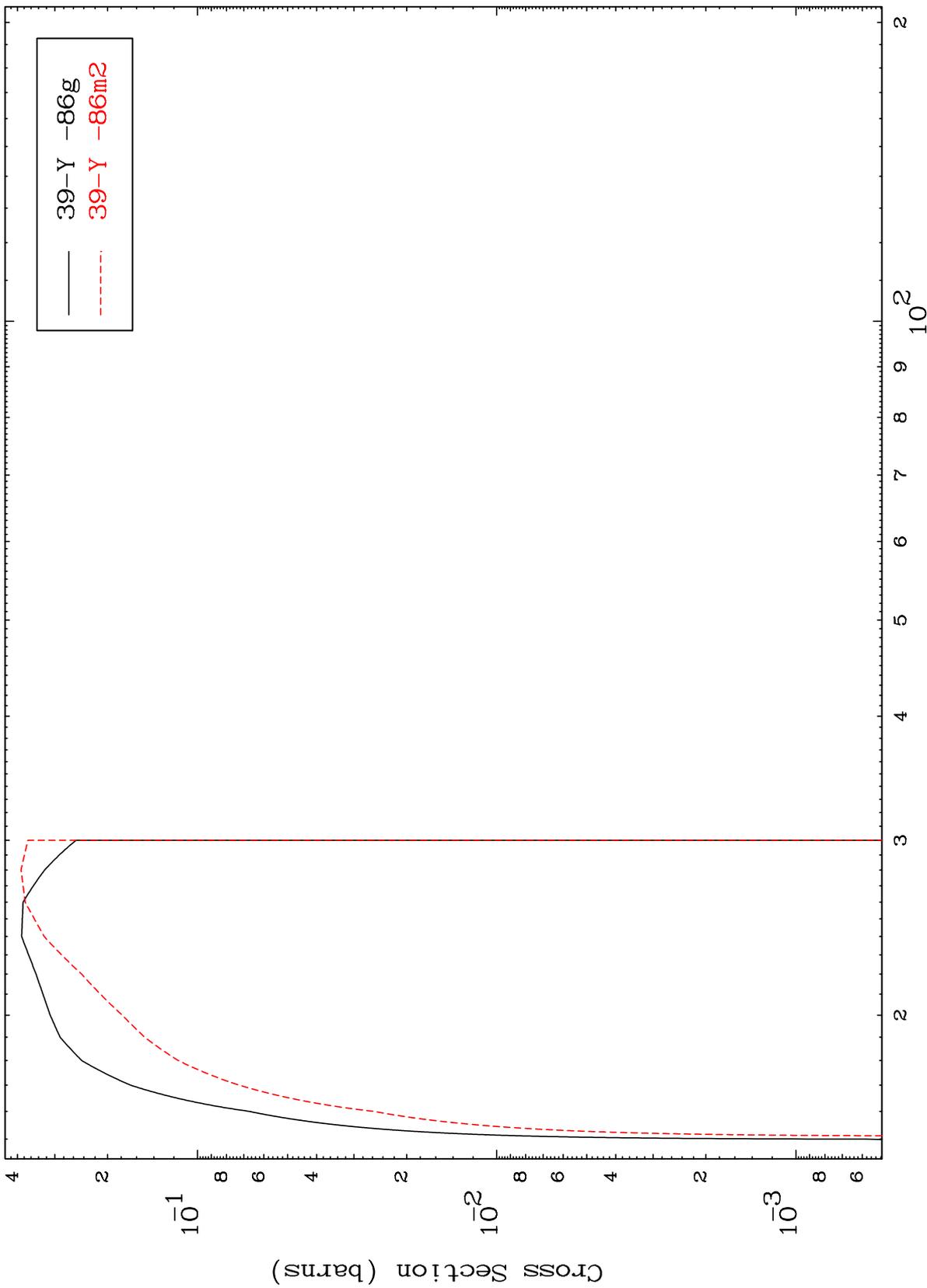
37-Rb-84

Radionuclide Production Cross Section

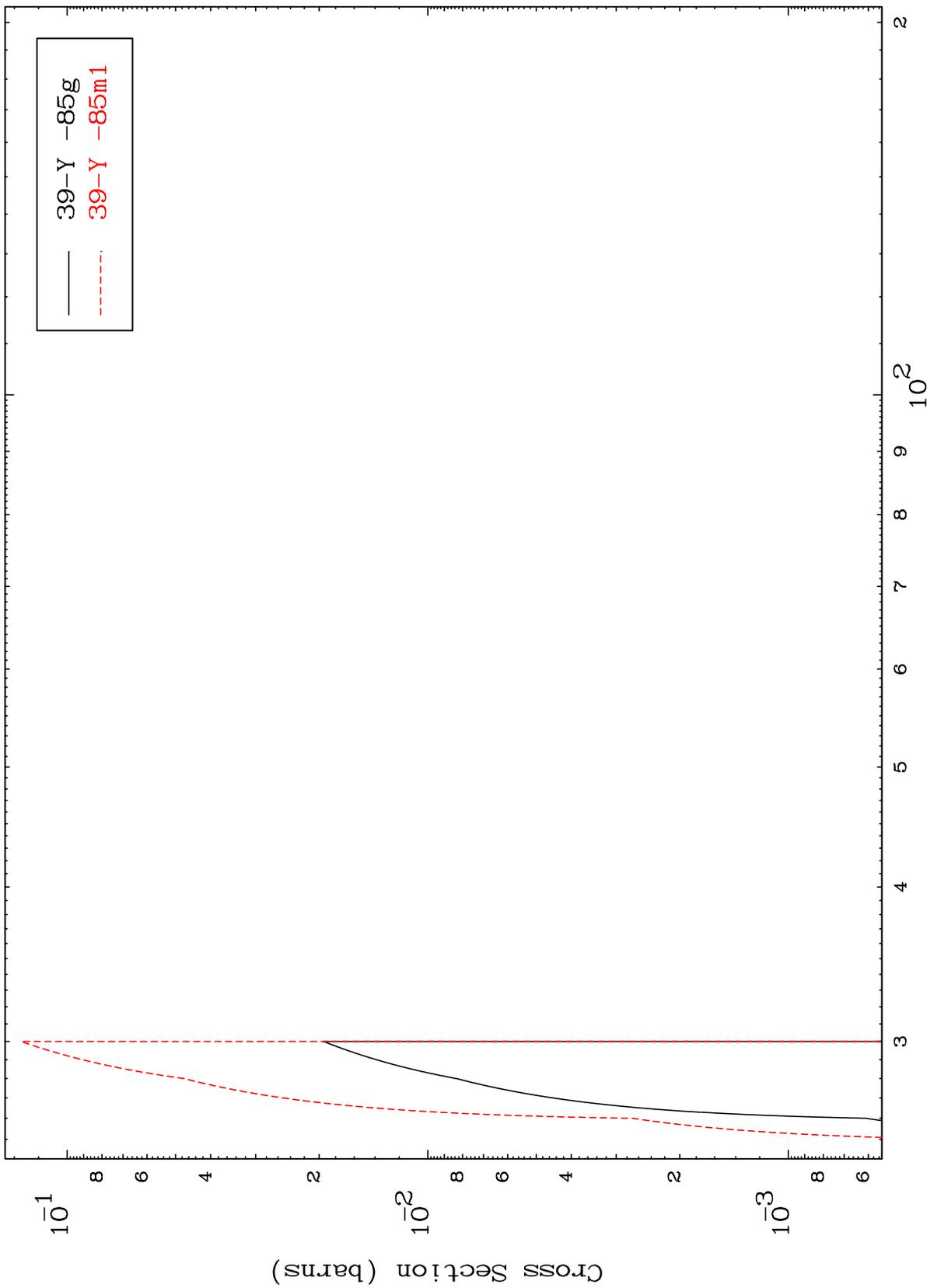
α Inelastic



($\alpha, 2n$)
Radionuclide Production Cross Section



($\alpha, 3n$)
Radionuclide Production Cross Section

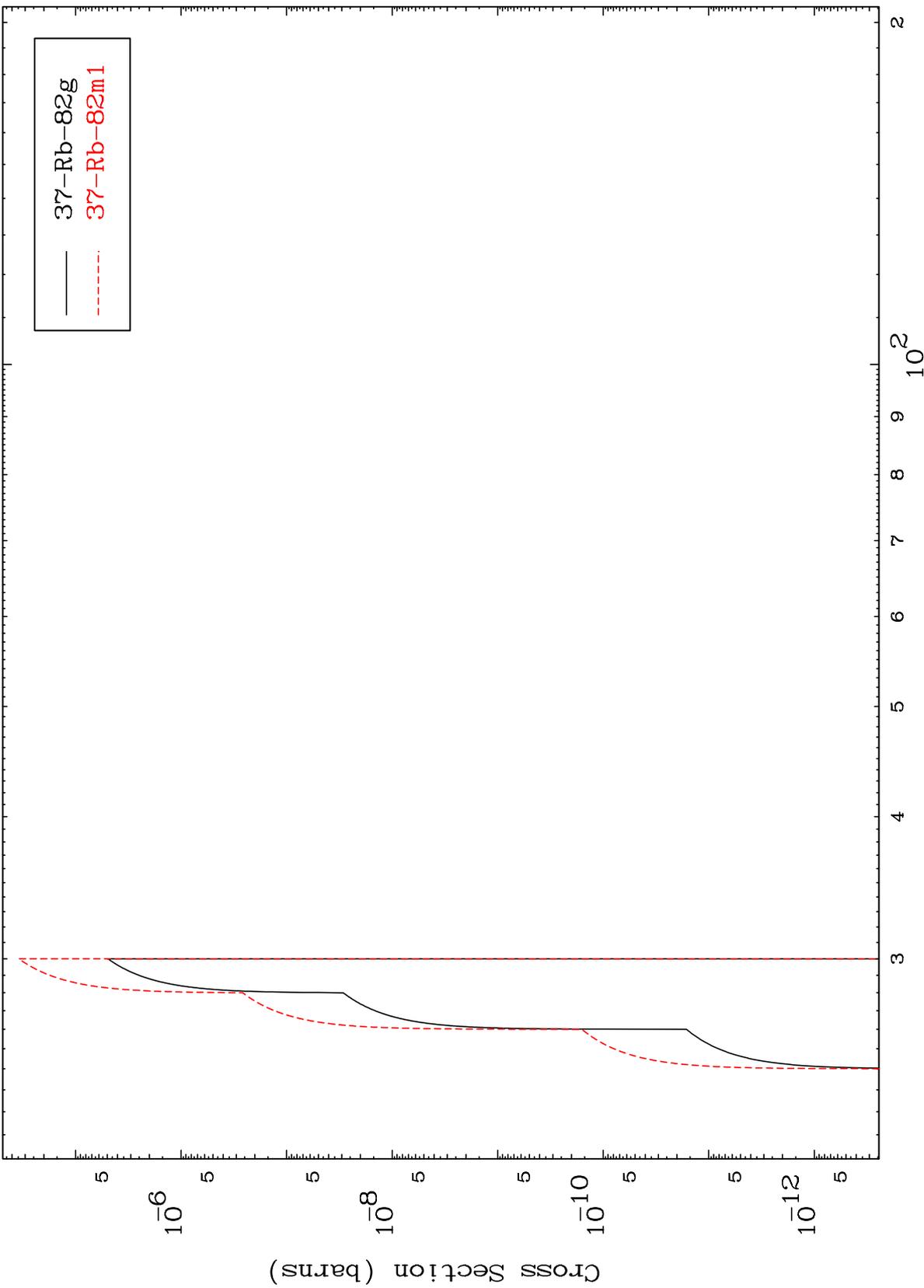


MAT 3722

37-Rb-84

($\alpha, 2n$) α

Radionuclide Production Cross Section

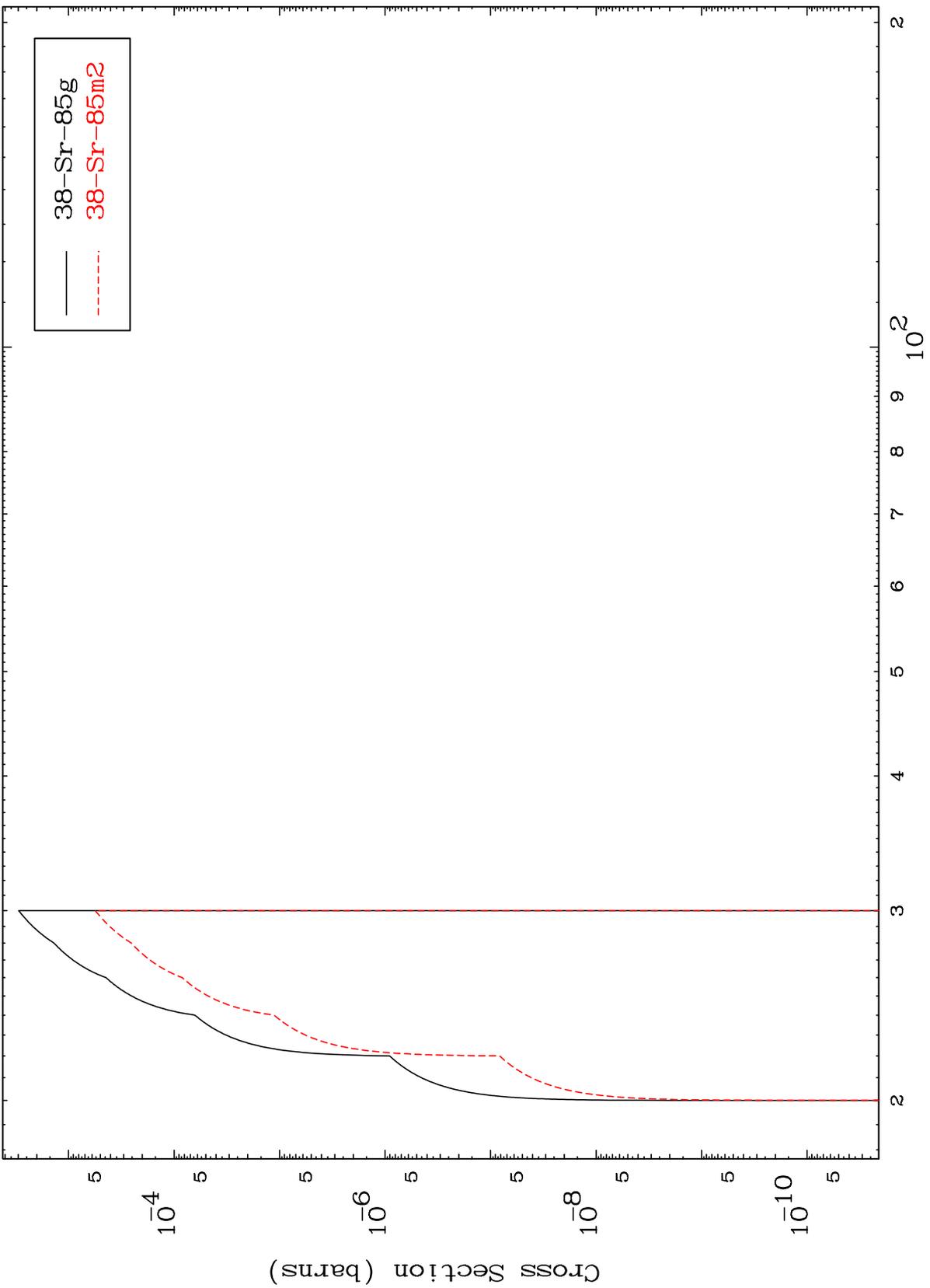


14

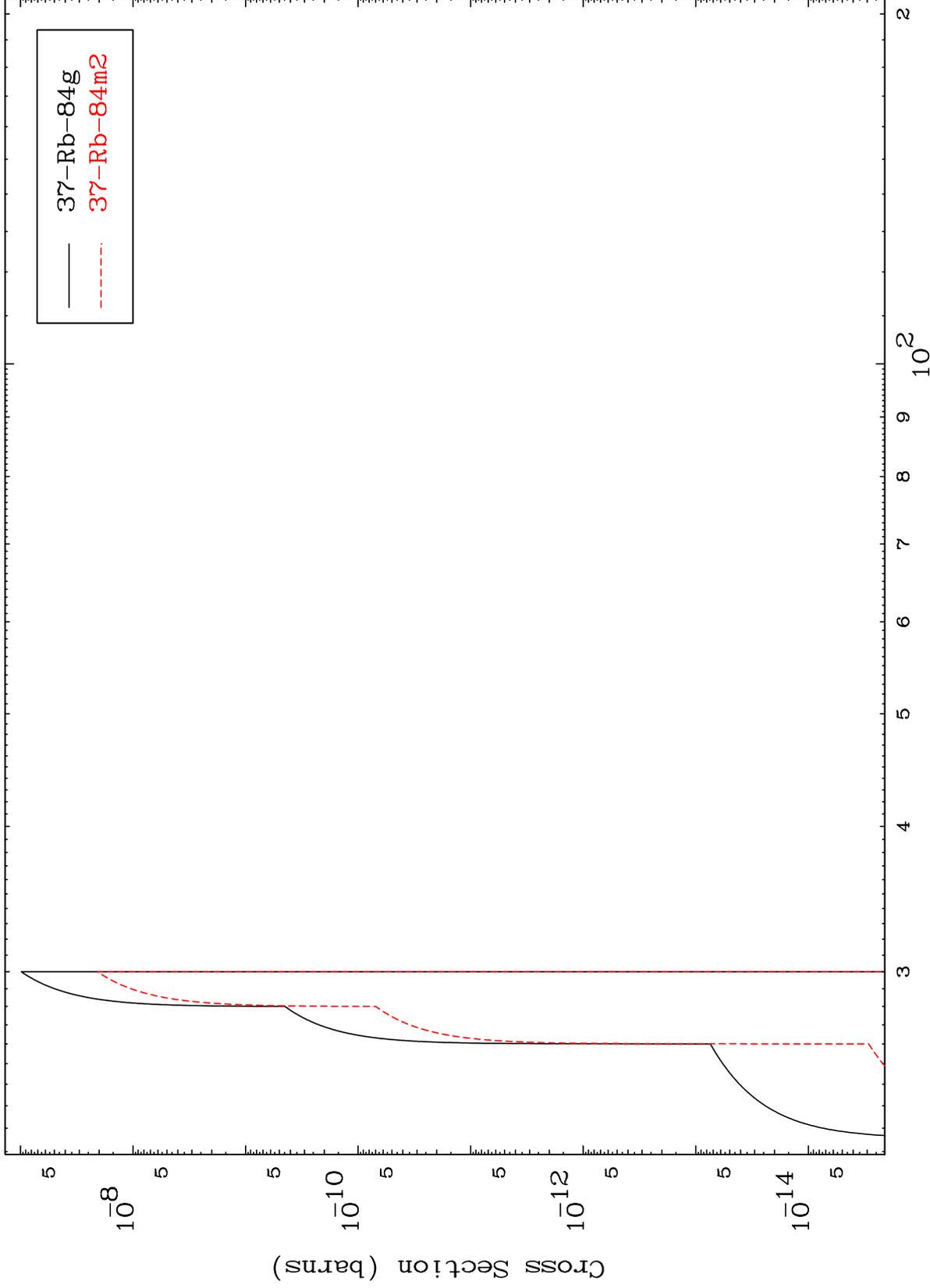
Incident Energy (MeV)

37-Rb-84

Radionuclide Production Cross Section



Radionuclide Production Cross Section

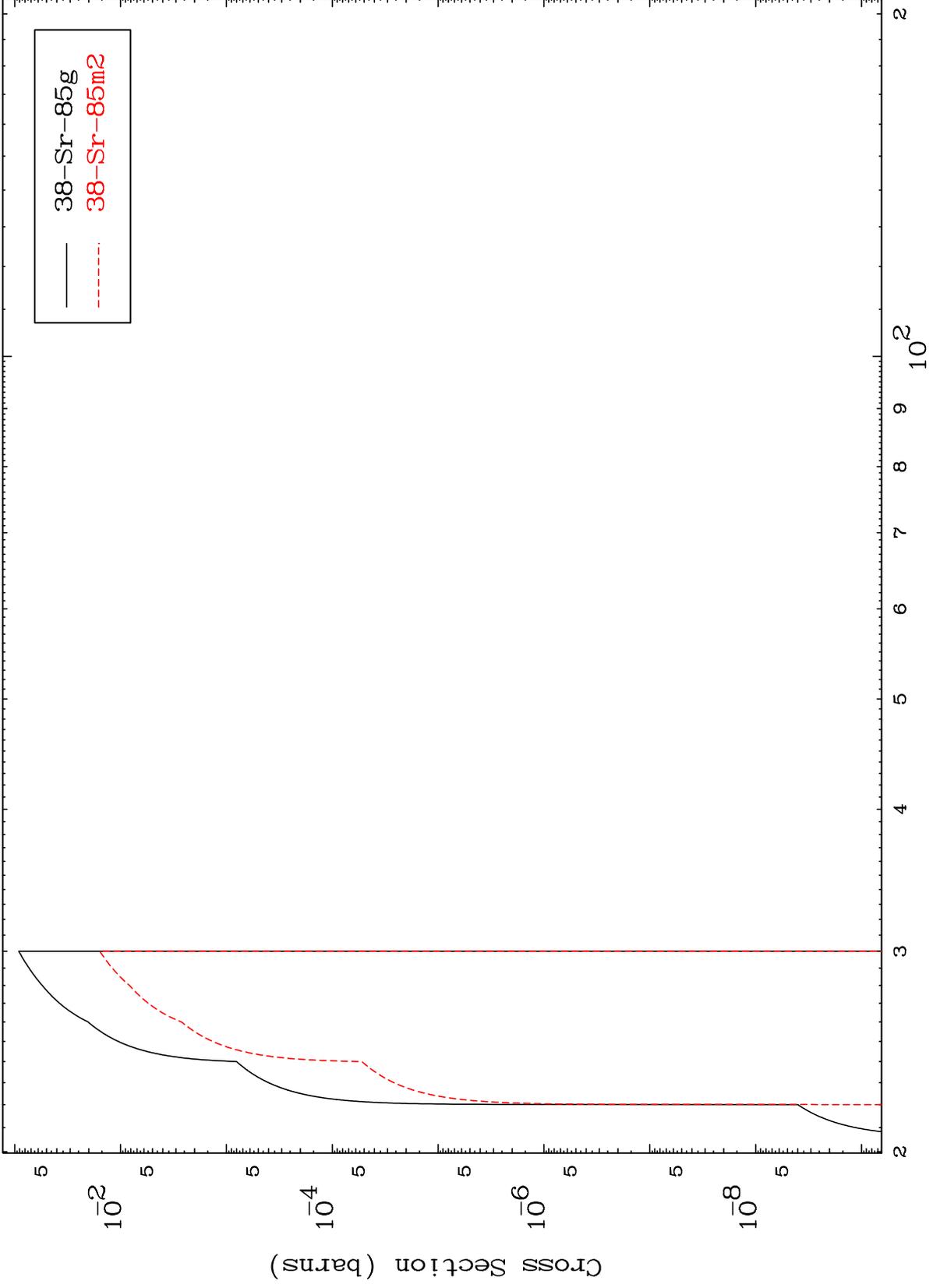


MAT 3722

$(\alpha, 2n)$ p

37-Rb-84

Radionuclide Production Cross Section



17

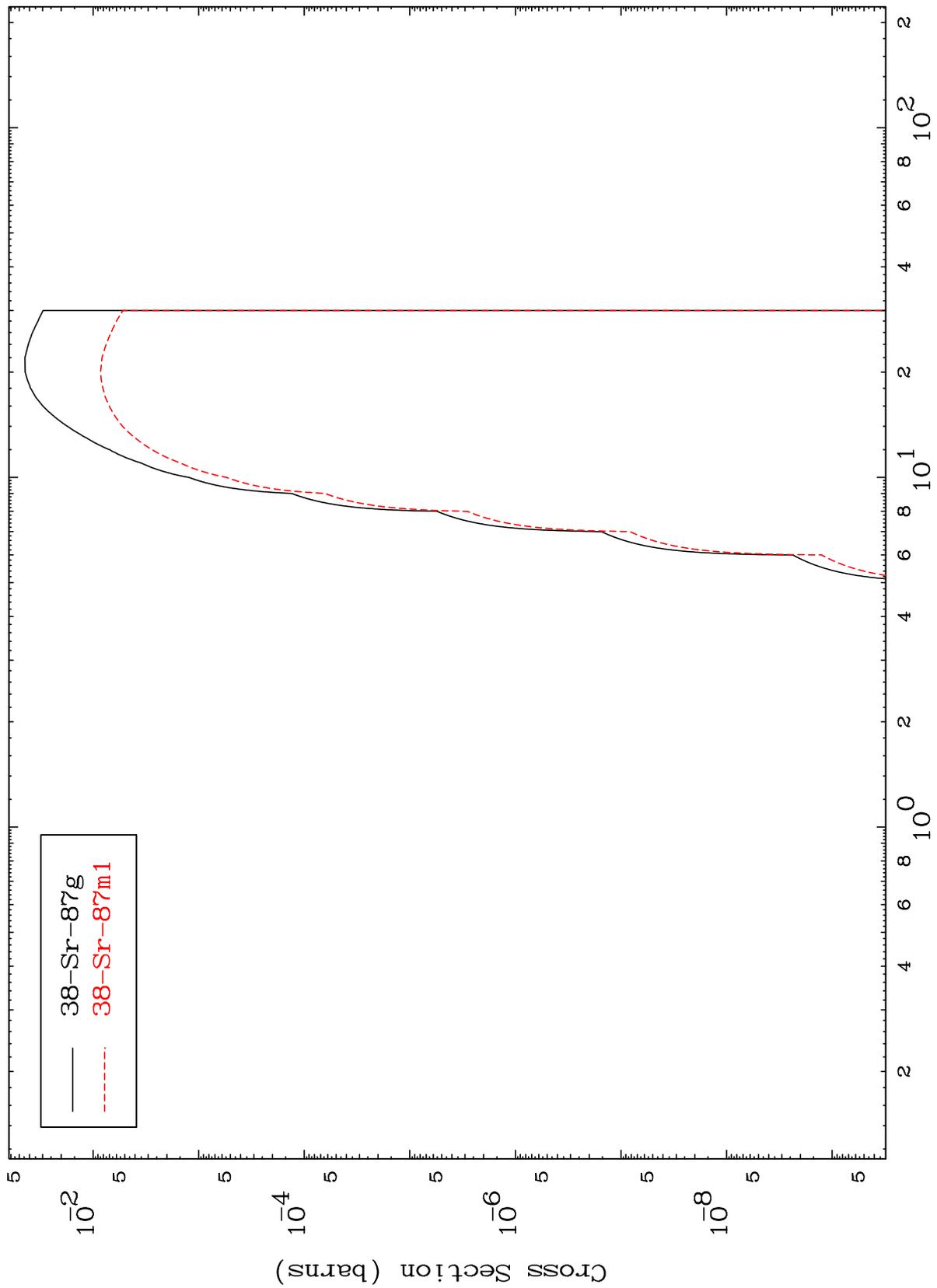
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

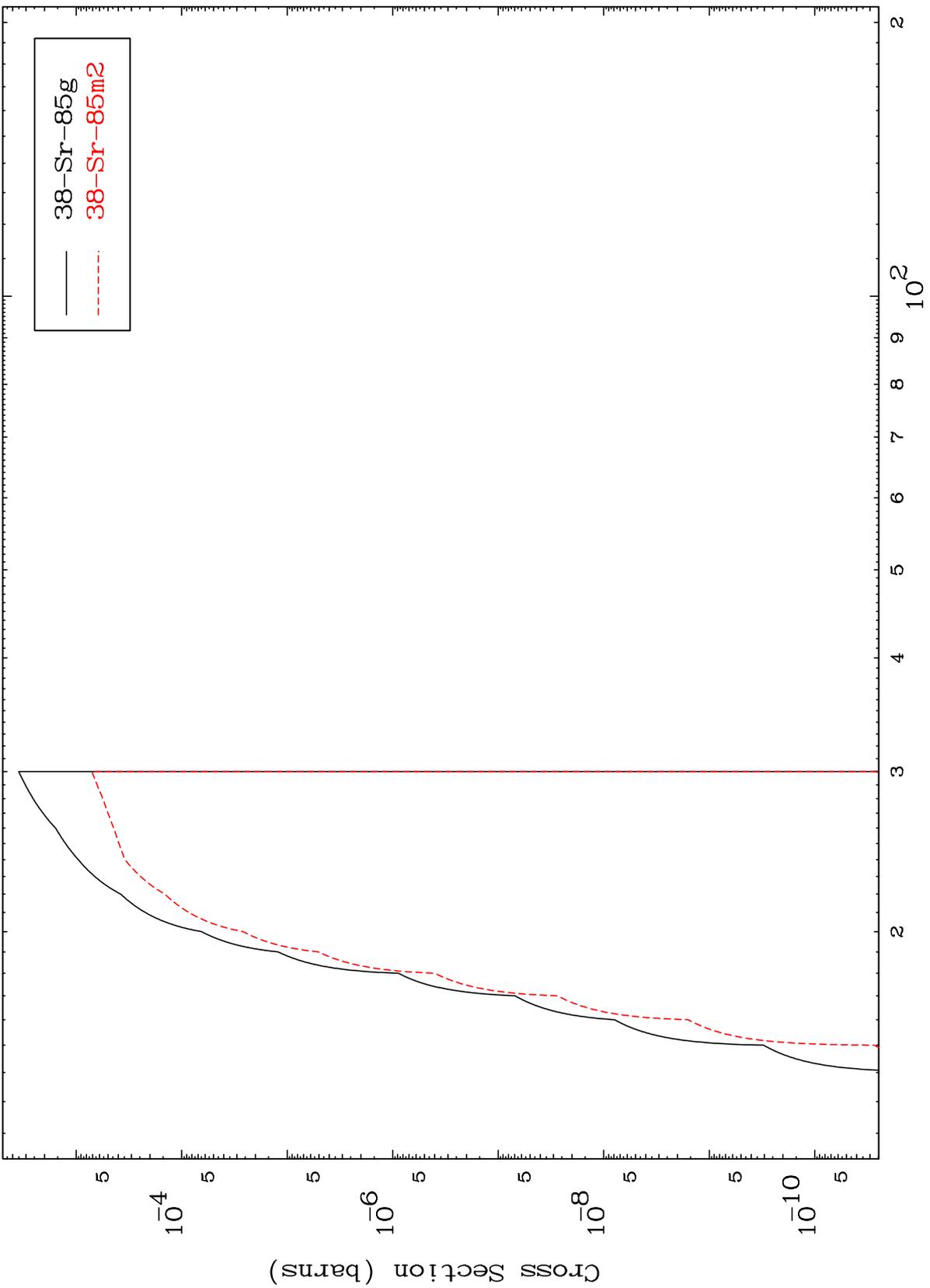
Radionuclide Production Cross Section
(α, p)



18

37-Rb-84

Radionuclide Production Cross Section



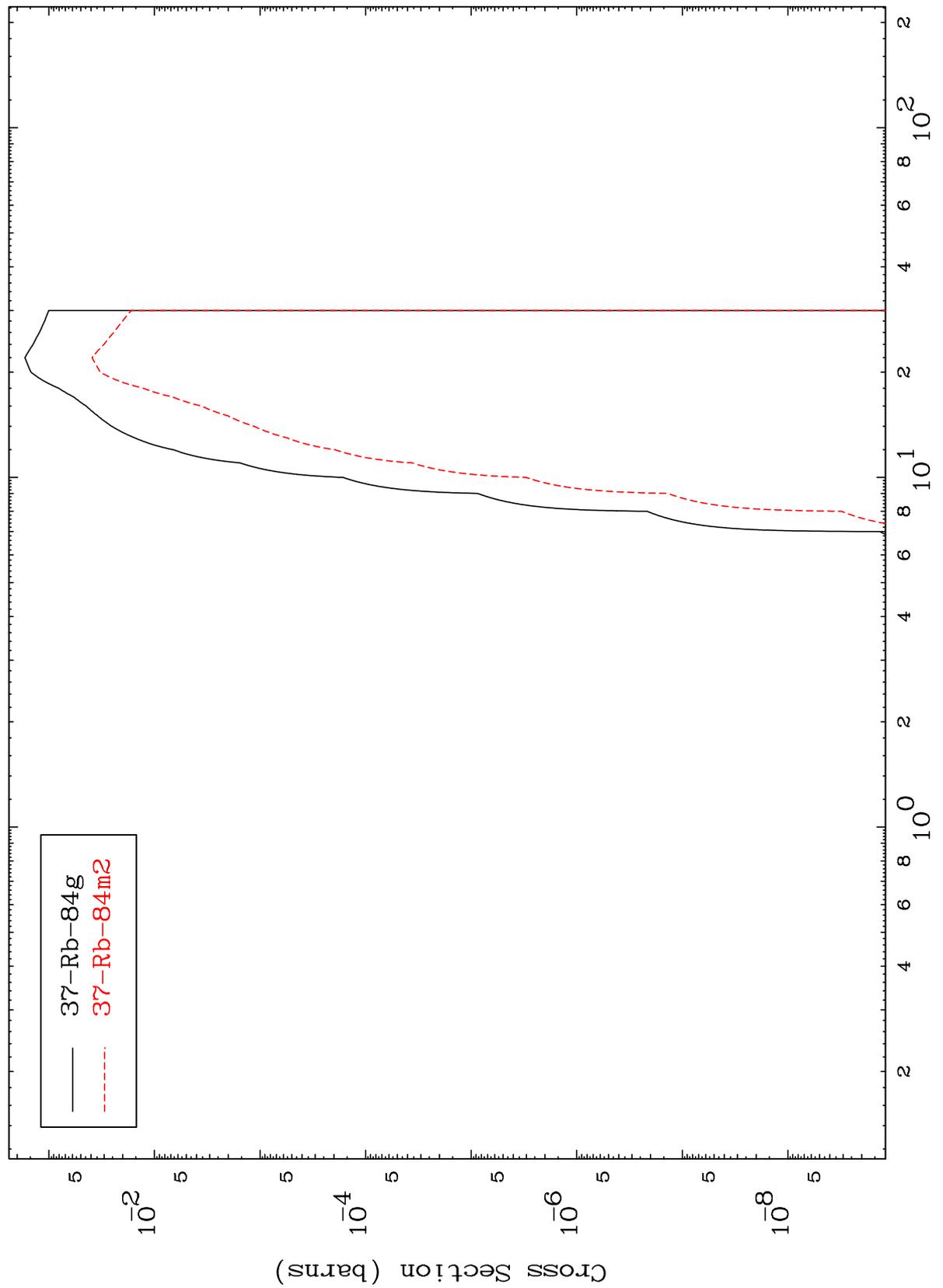
38-Sr-85g
38-Sr-85m2

MAT 3722

(α, α)

³⁷Rb-84

Radionuclide Production Cross Section



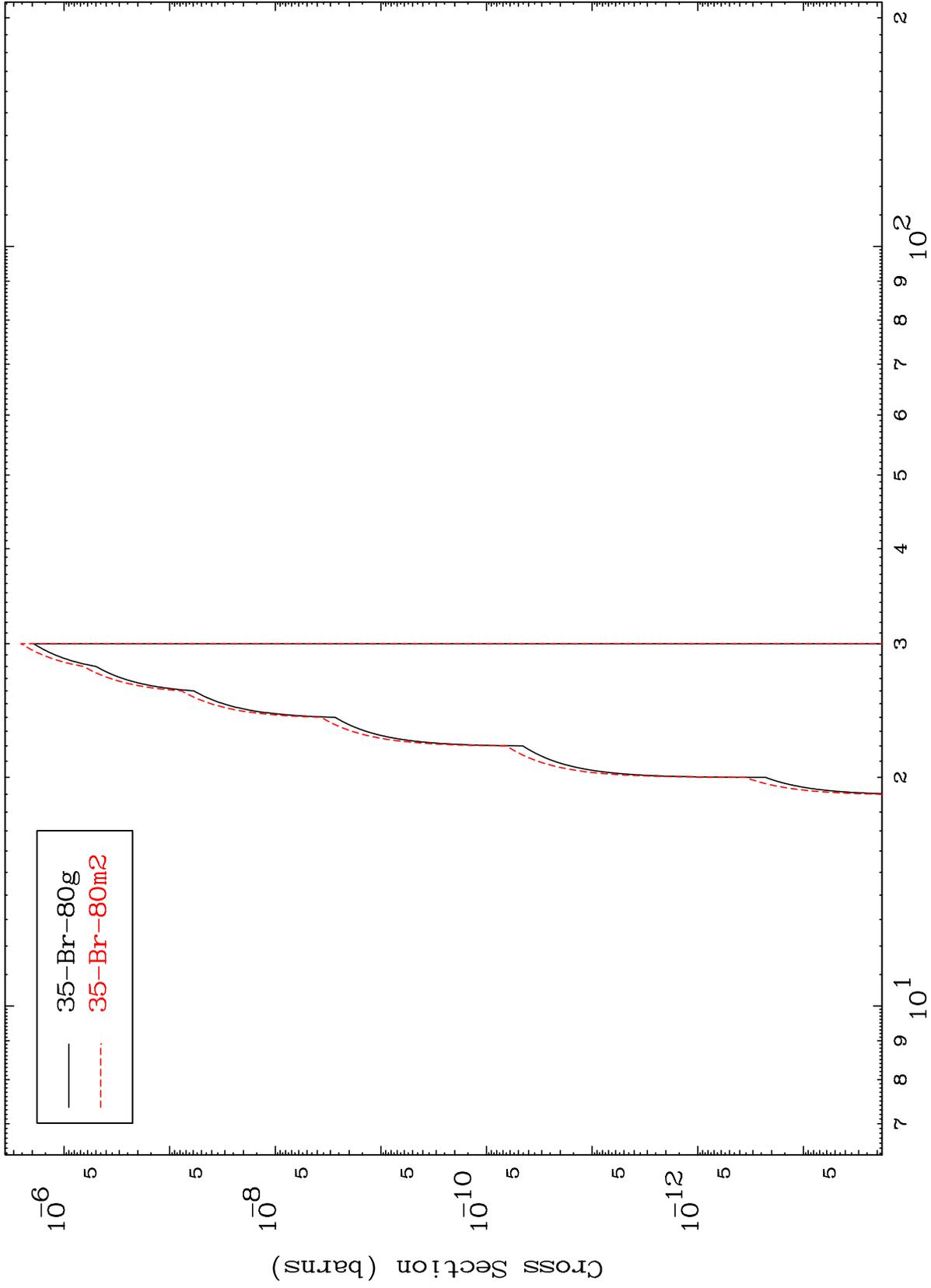
— ³⁷Rb-84g
- - - ³⁷Rb-84m2

20

Incident Energy (MeV)

³⁷Rb-84

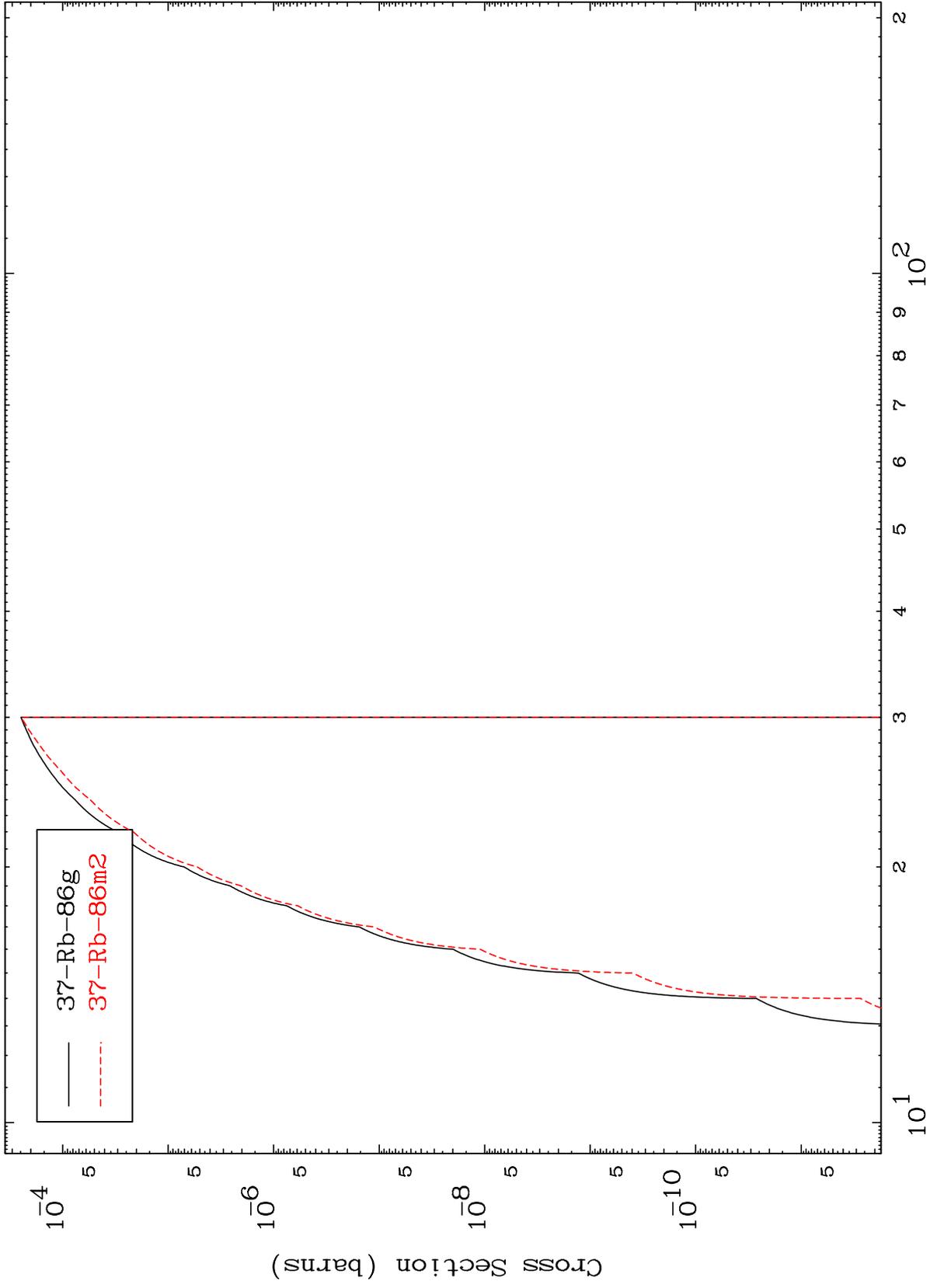
Radionuclide Production Cross Section
($\alpha, 2\alpha$)



MAT 3722

37-Rb-84

Radionuclide Production Cross Section
($\alpha, 2p$)



37-Rb-84

Incident Energy (MeV)

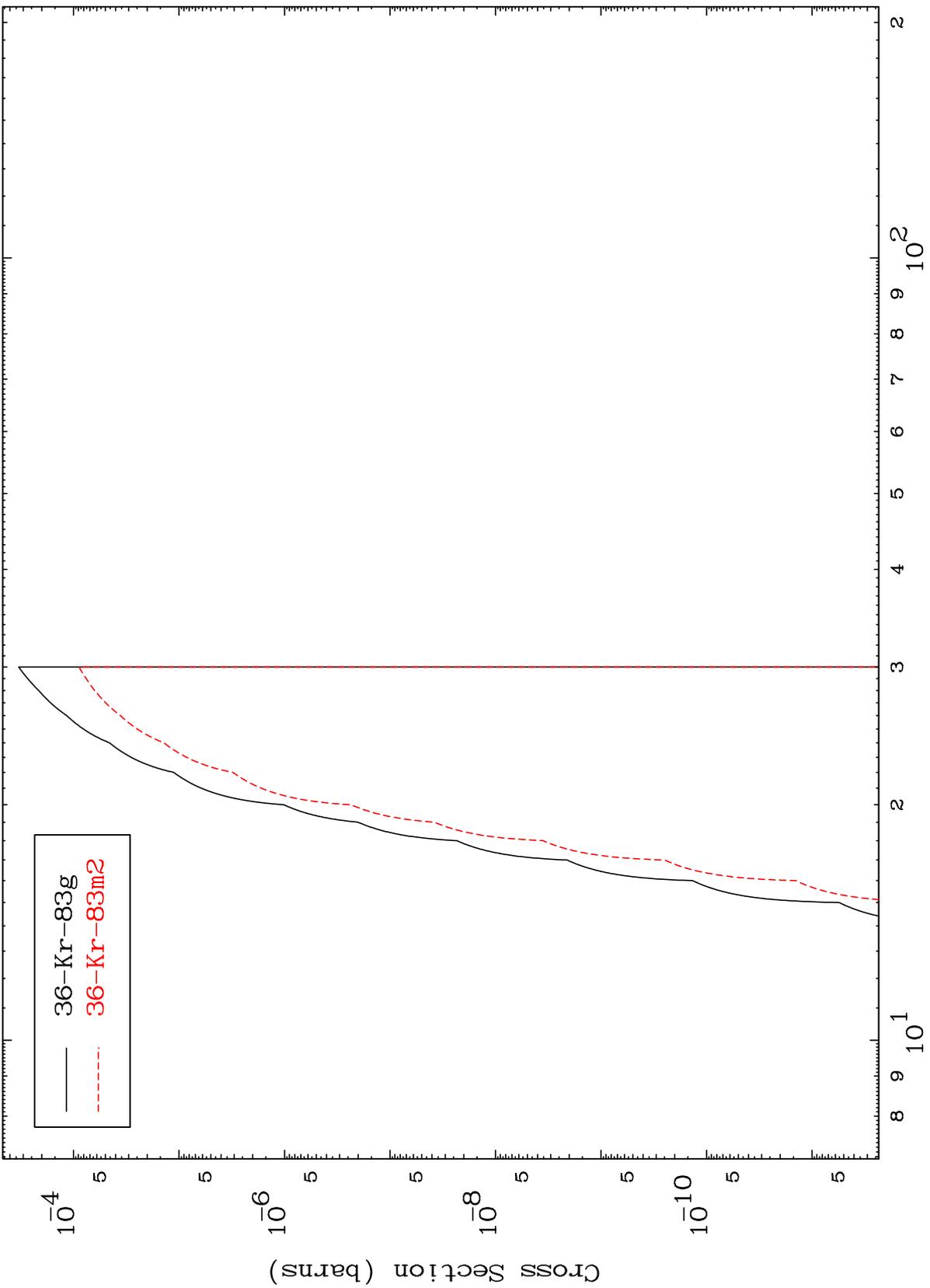
22

MAT 3722

(α, p) α

37-Rb-84

Radionuclide Production Cross Section



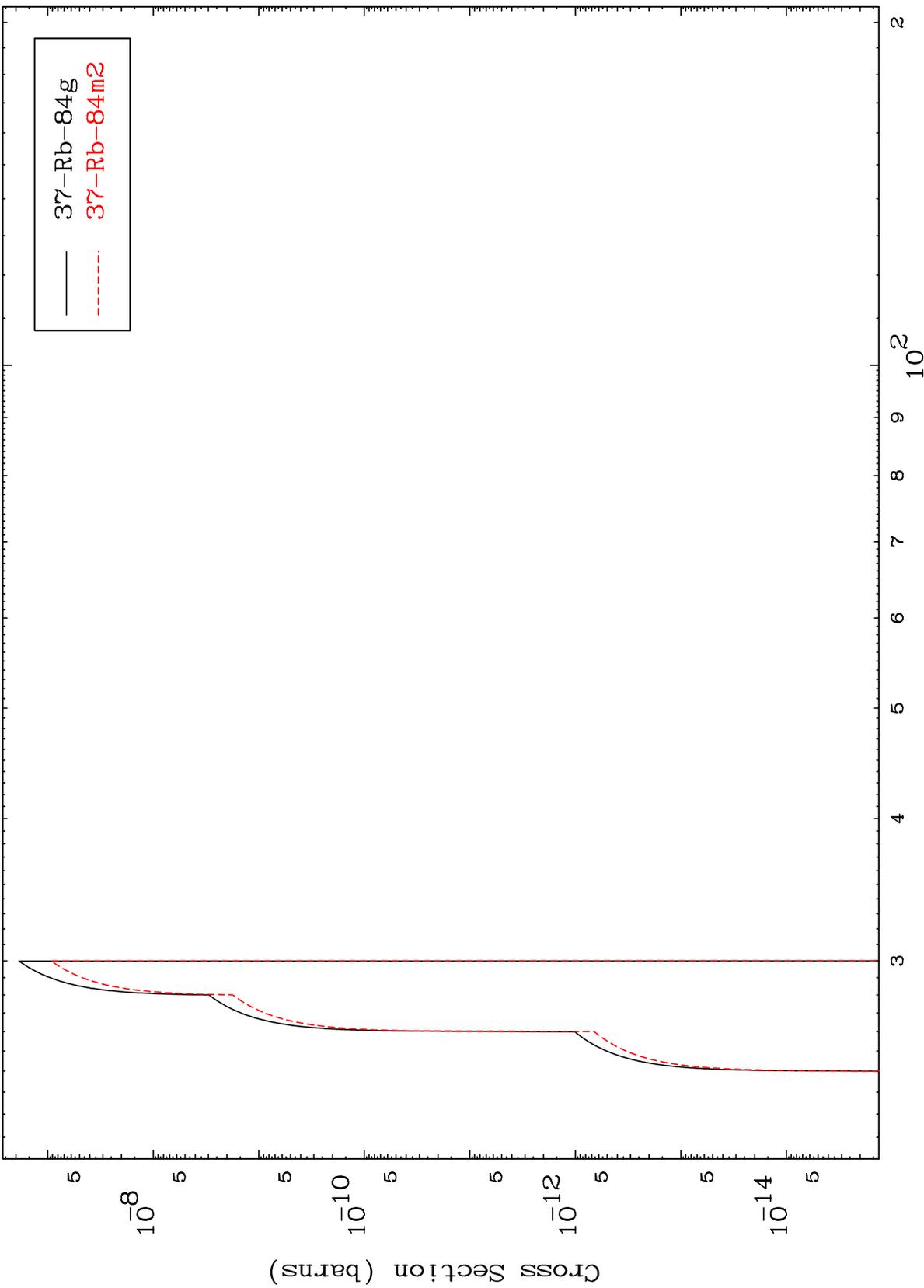
— 36-Kr-83g
- - - 36-Kr-83m2

23

Incident Energy (MeV)

37-Rb-84

Radionuclide Production Cross Section



37-Rb-84g
37-Rb-84m2