

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

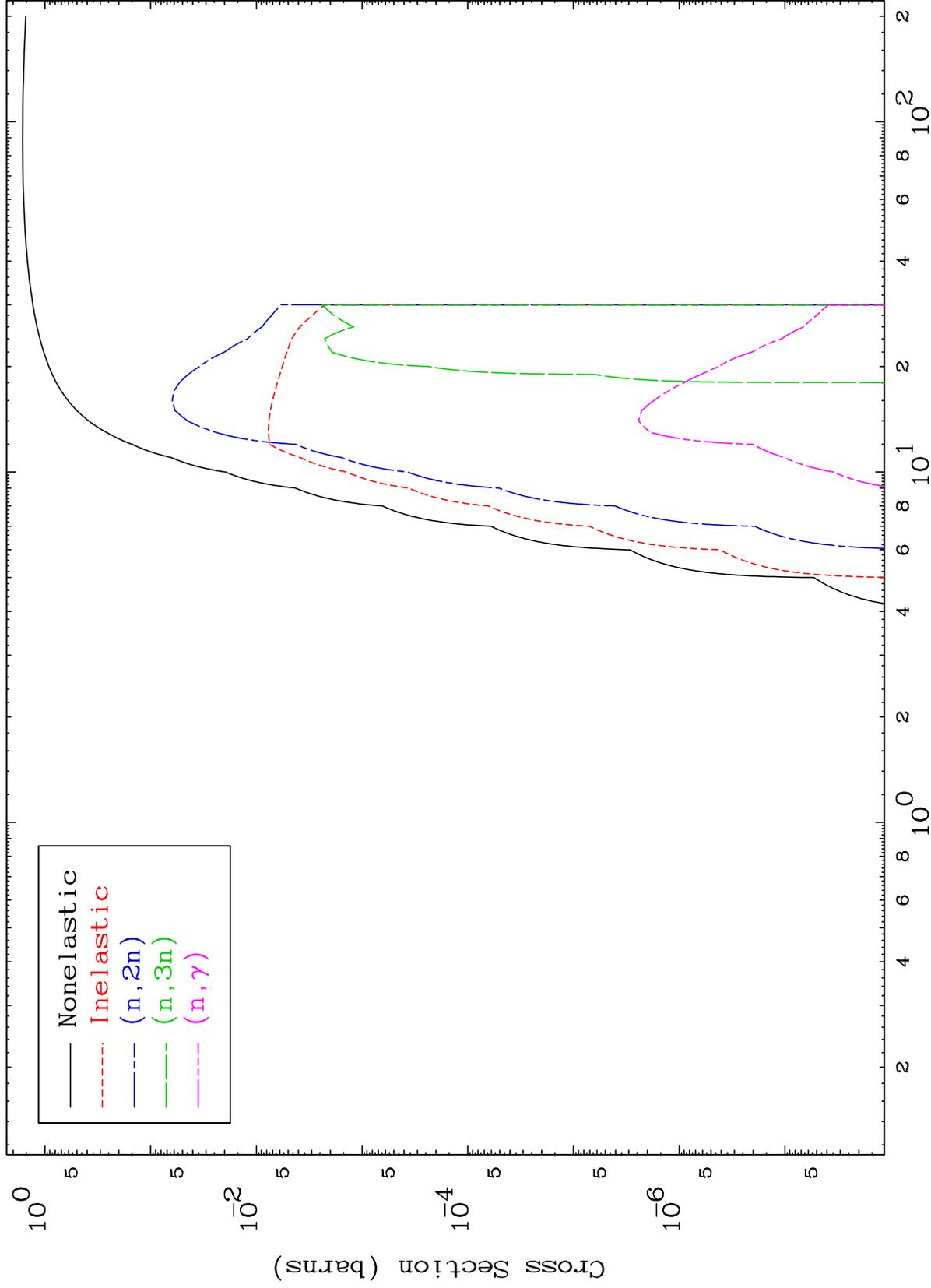
Press Mouse Button to Start

MAT 3717

He-3 Major

37-Rb-82m

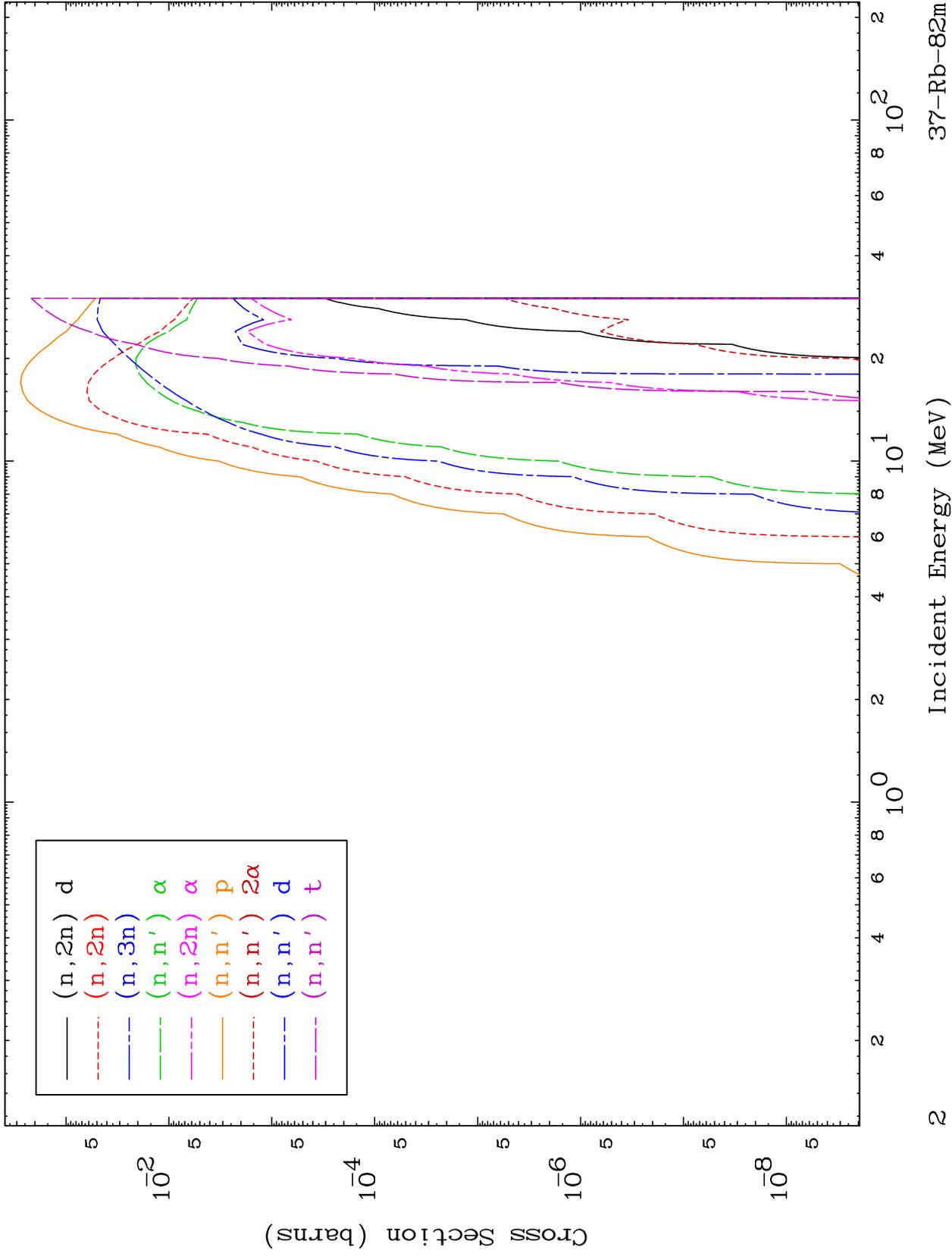
0 Kelvin Cross Sections



MAT 3717

He-3 Neutron Absorption  
0 Kelvin Cross Sections

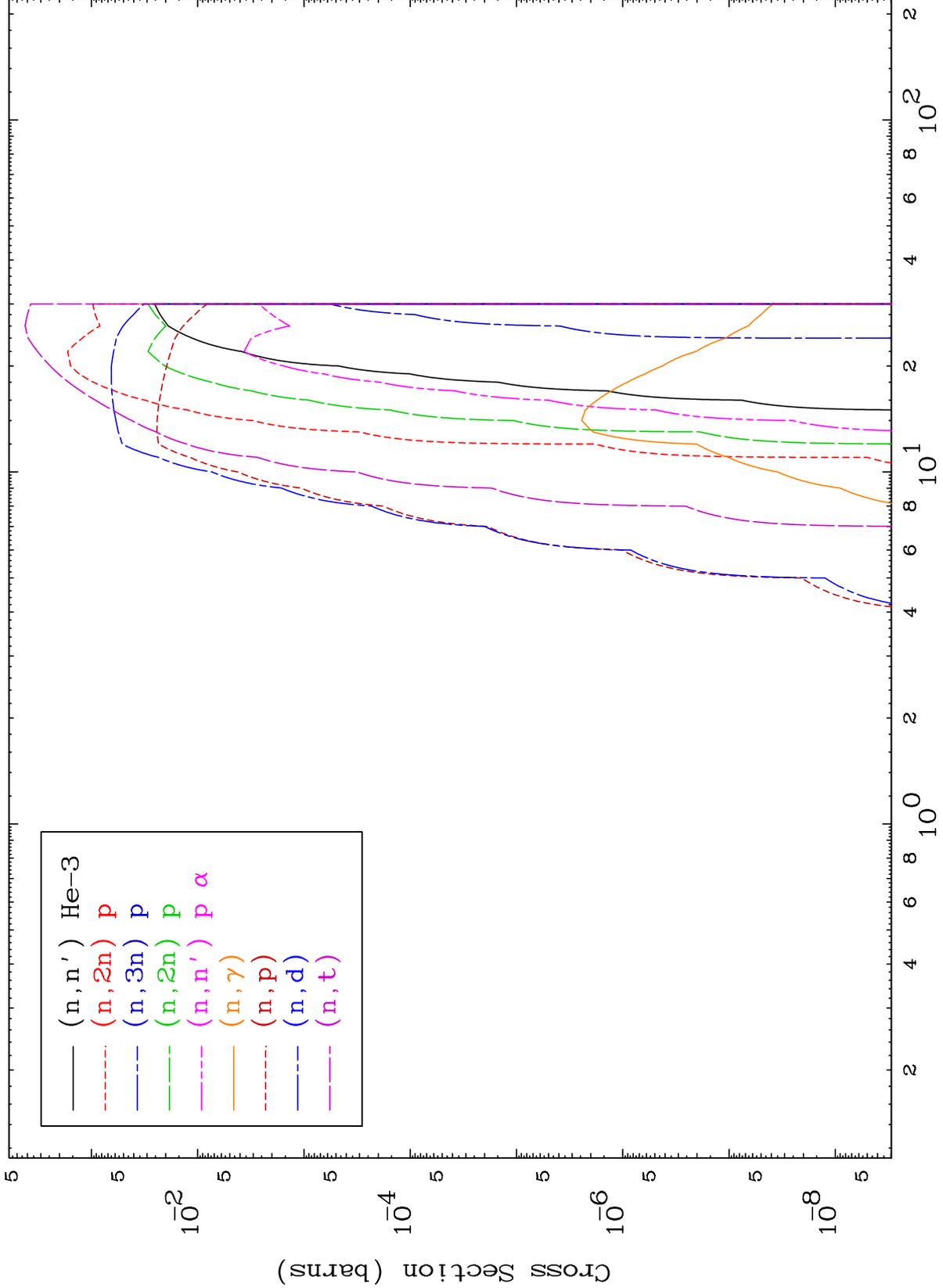
37-Rb-82m



MAT 3717

He-3 Neutron Absorption  
0 Kelvin Cross Sections

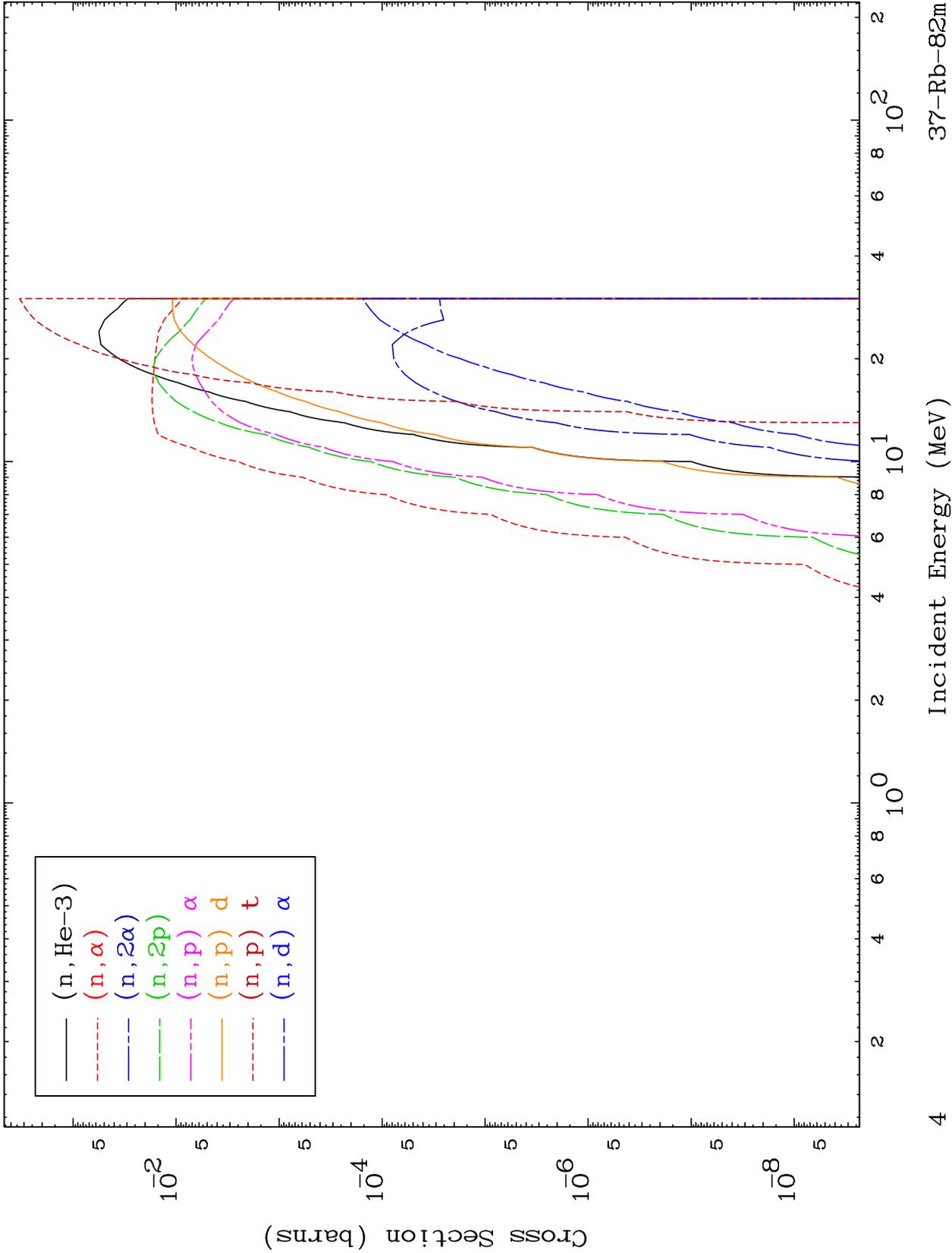
37-Rb-82m



MAT 3717

He-3 Neutron Absorption  
0 Kelvin Cross Sections

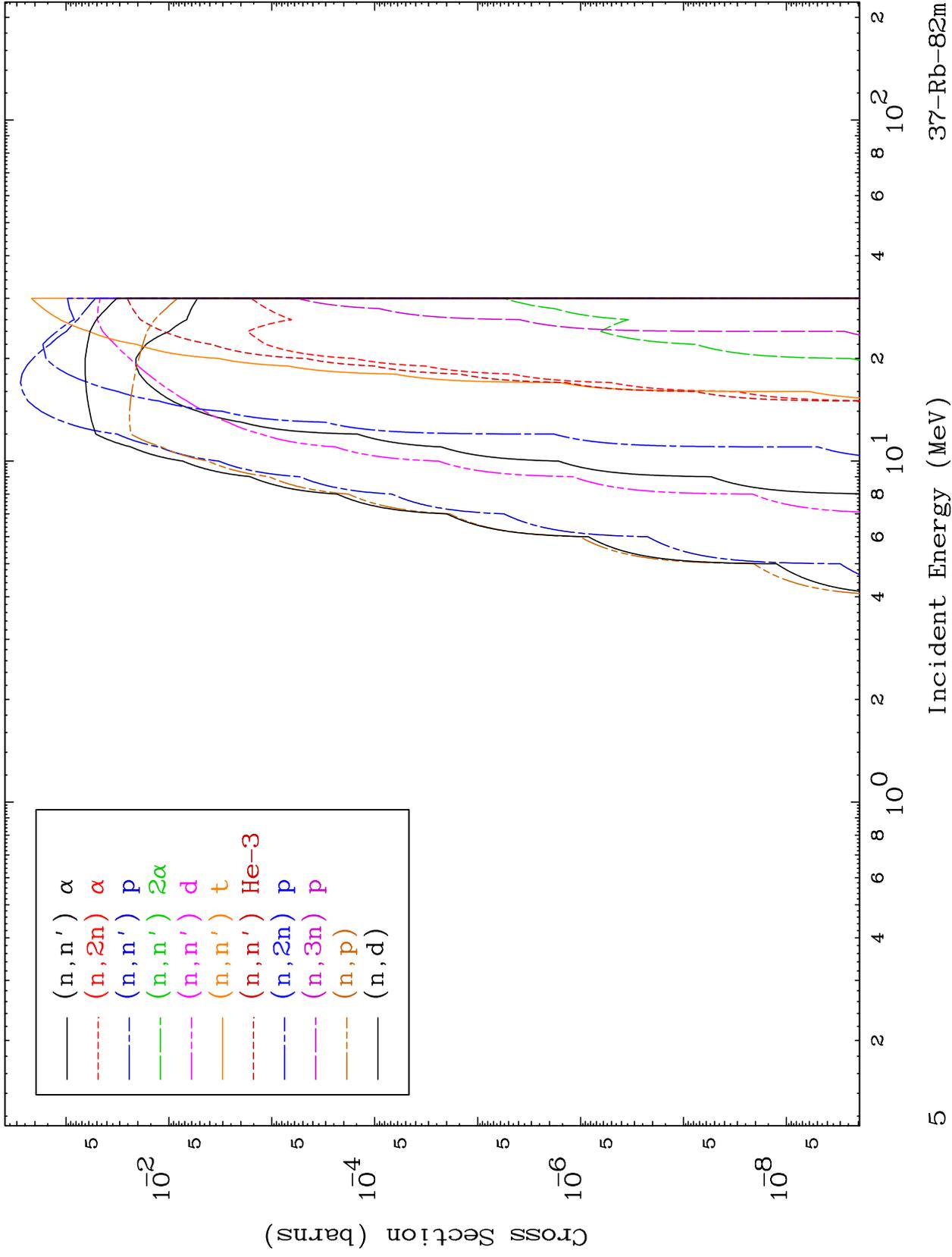
37-Rb-82m



MAT 3717

He-3 Charged Particle  
0 Kelvin Cross Sections

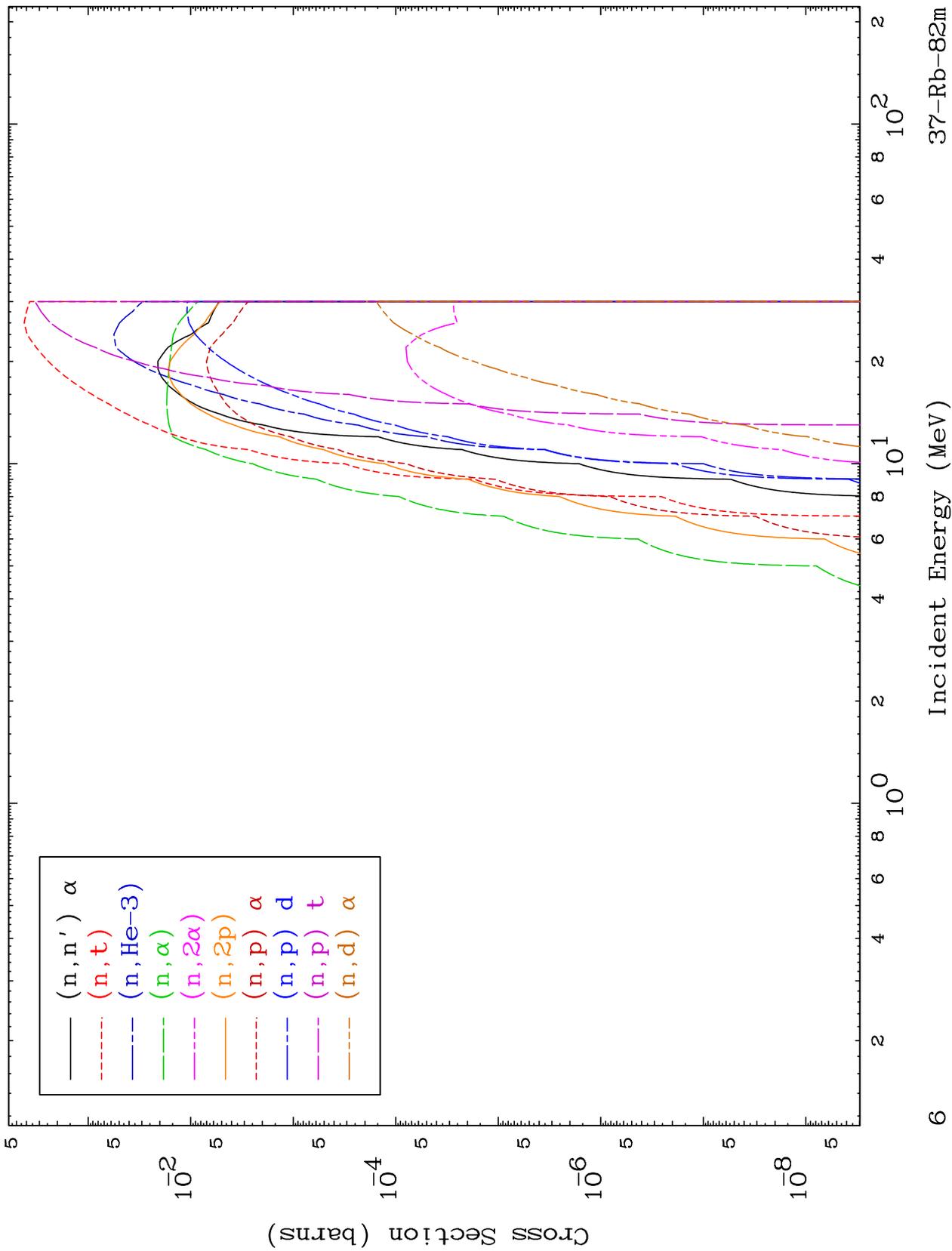
37-Rb-82m



MAT 3717

He-3 Charged Particle  
0 Kelvin Cross Sections

37-Rb-82m

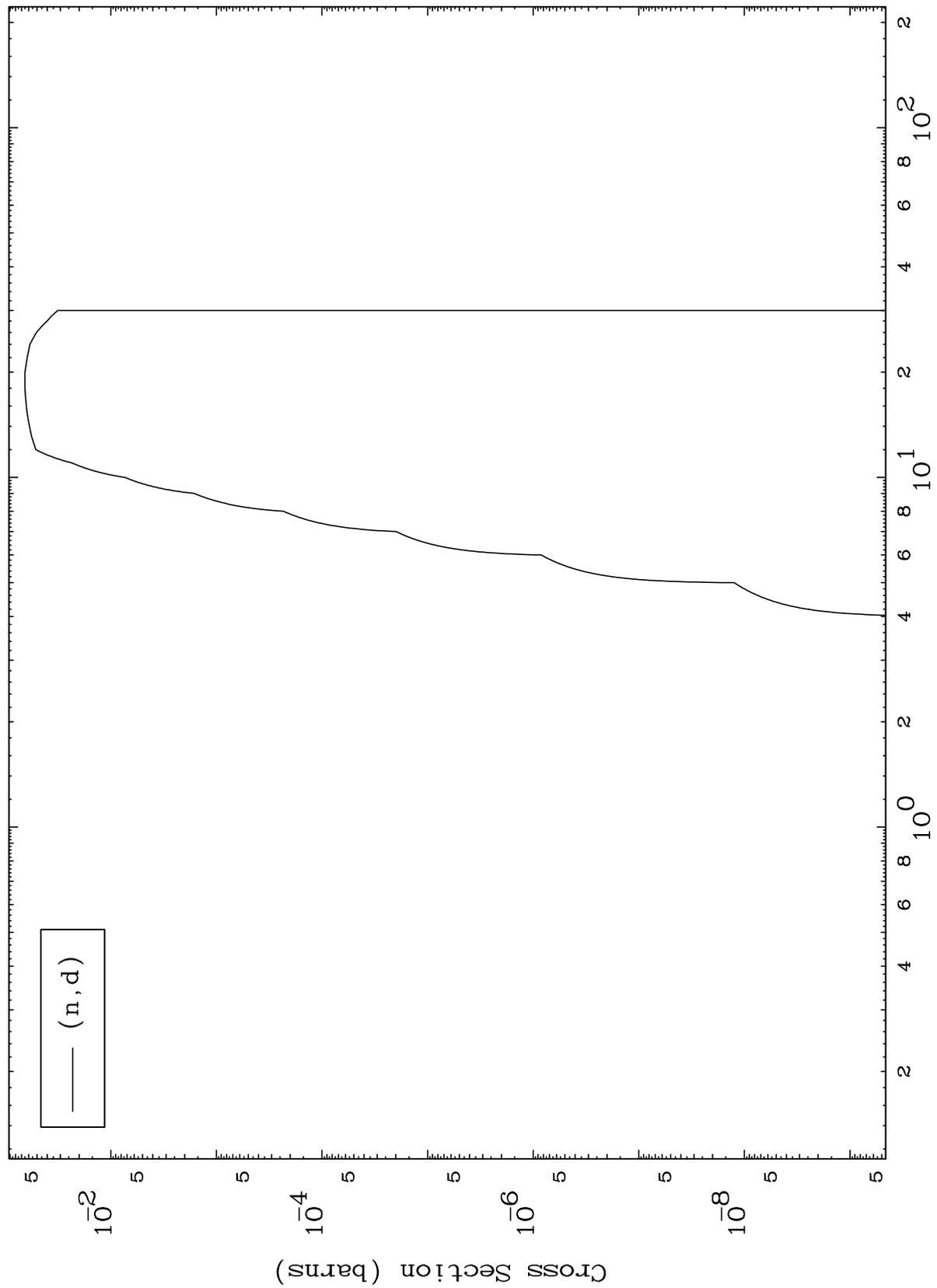




MAT 3717

37-Rb-82m

(He-3,d) Levels  
0 Kelvin Cross Sections

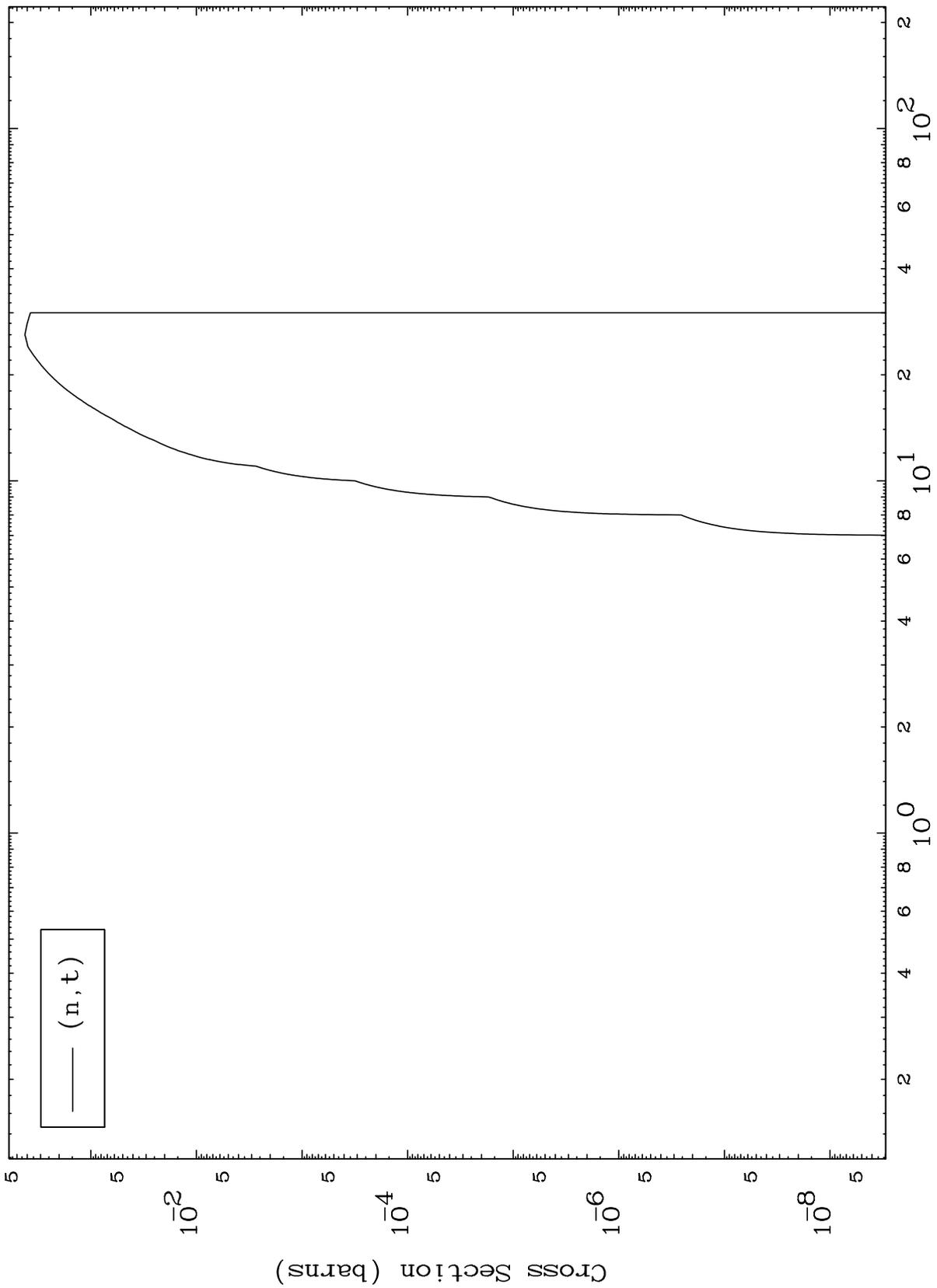


MAT 3717

(He-3, t) Levels

37-Rb-82m

0 Kelvin Cross Sections

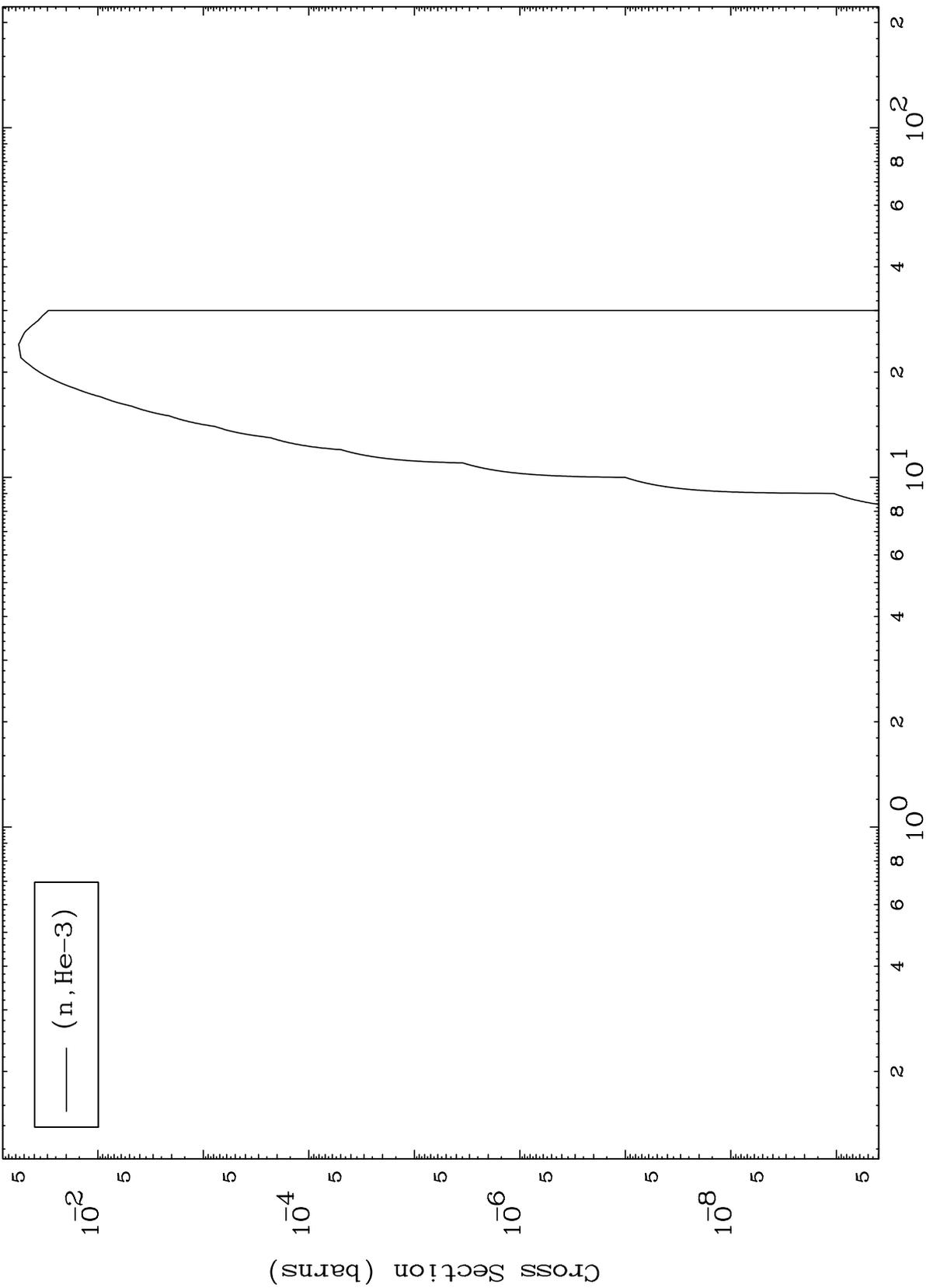


MAT 3717

(He-3, He3) Levels

37-Rb-82m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

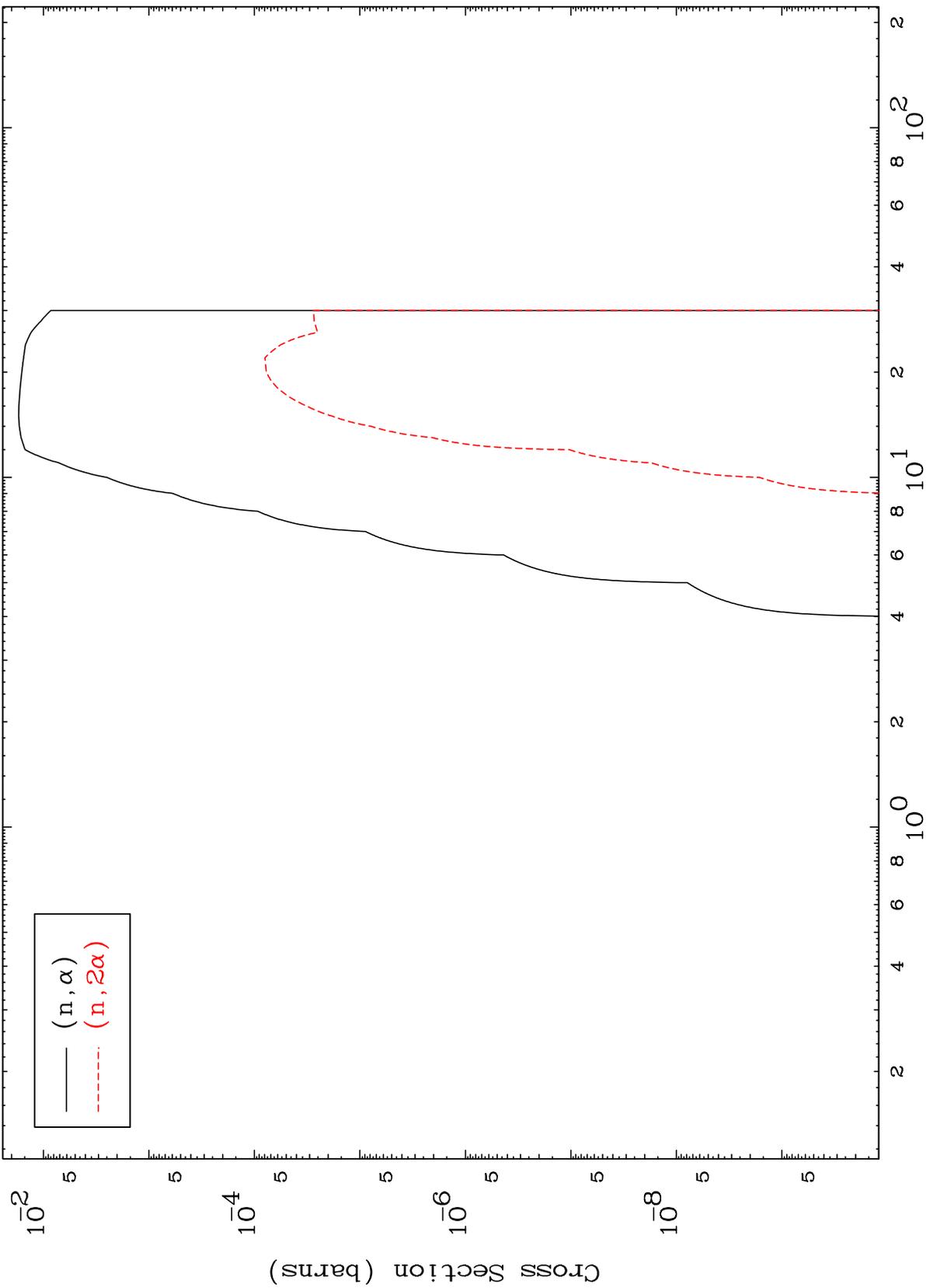
37-Rb-82m

MAT 3717

(He-3,  $\alpha$ ) Levels

37-Rb-82m

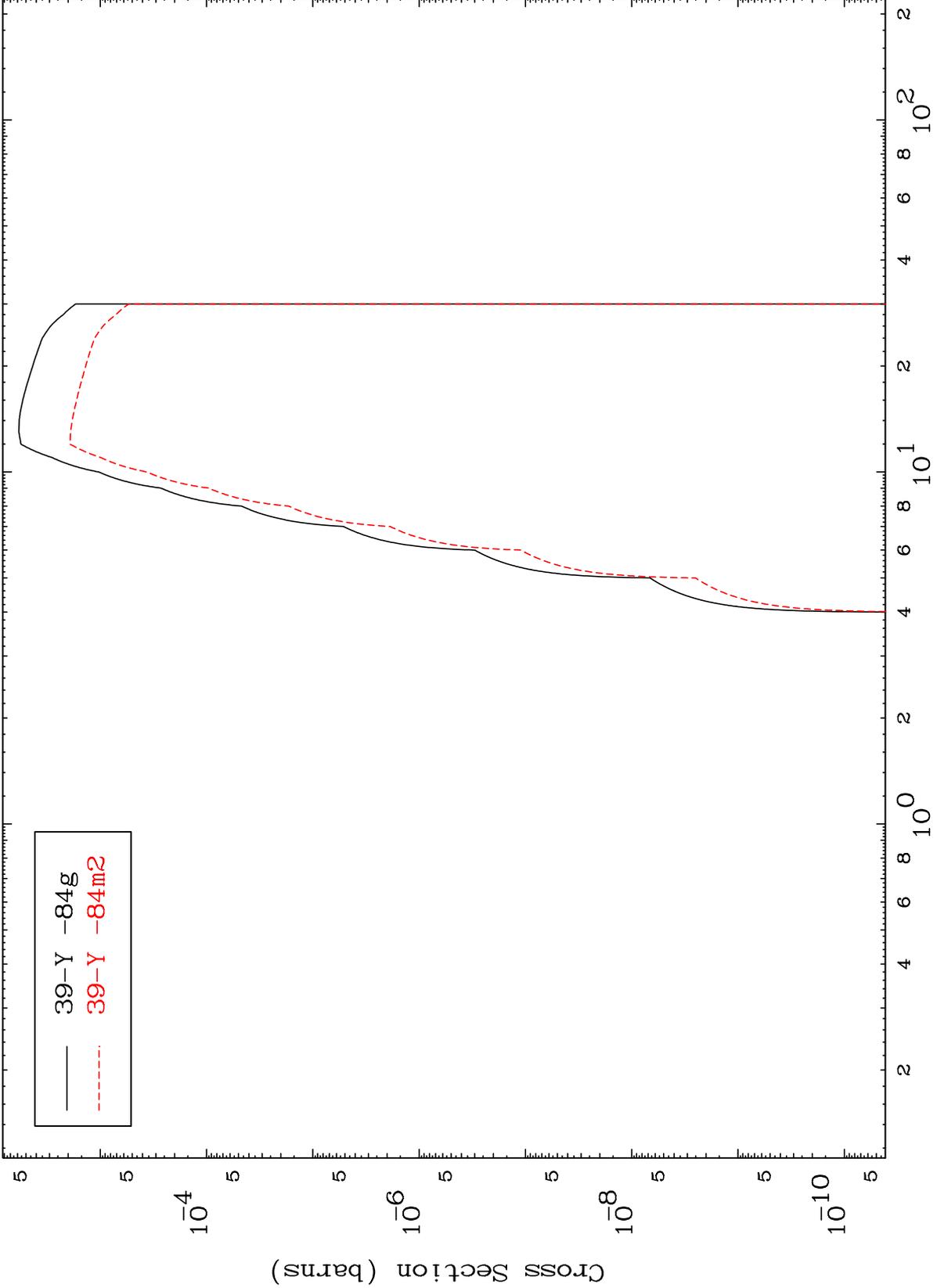
0 Kelvin Cross Sections



MAT 3717

Inelastic  
Radionuclide Production Cross Section

37-Rb-82m

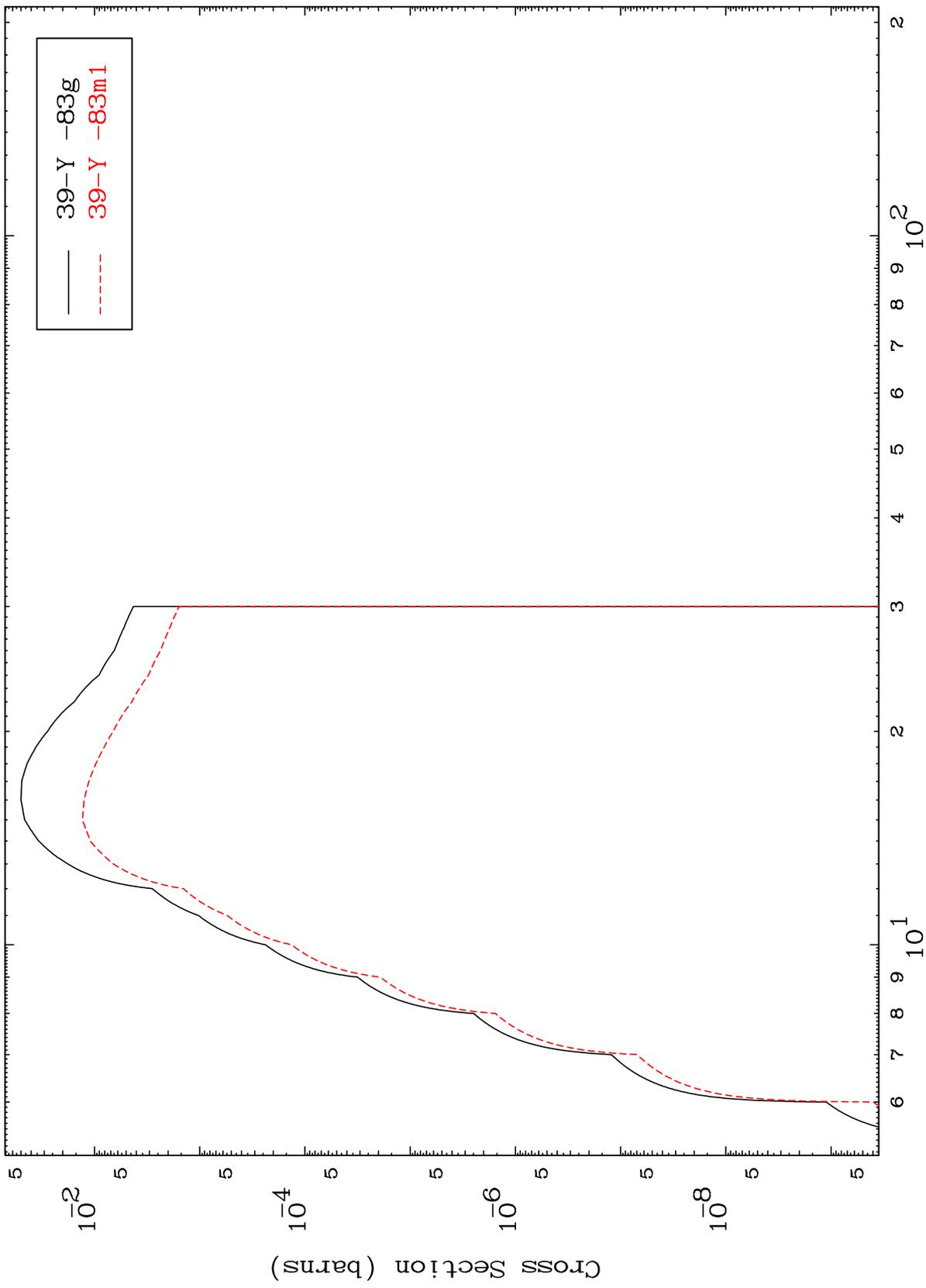


— 39-Y -84g  
- - - 39-Y -84m2

MAT 3717

37-Rb-82m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

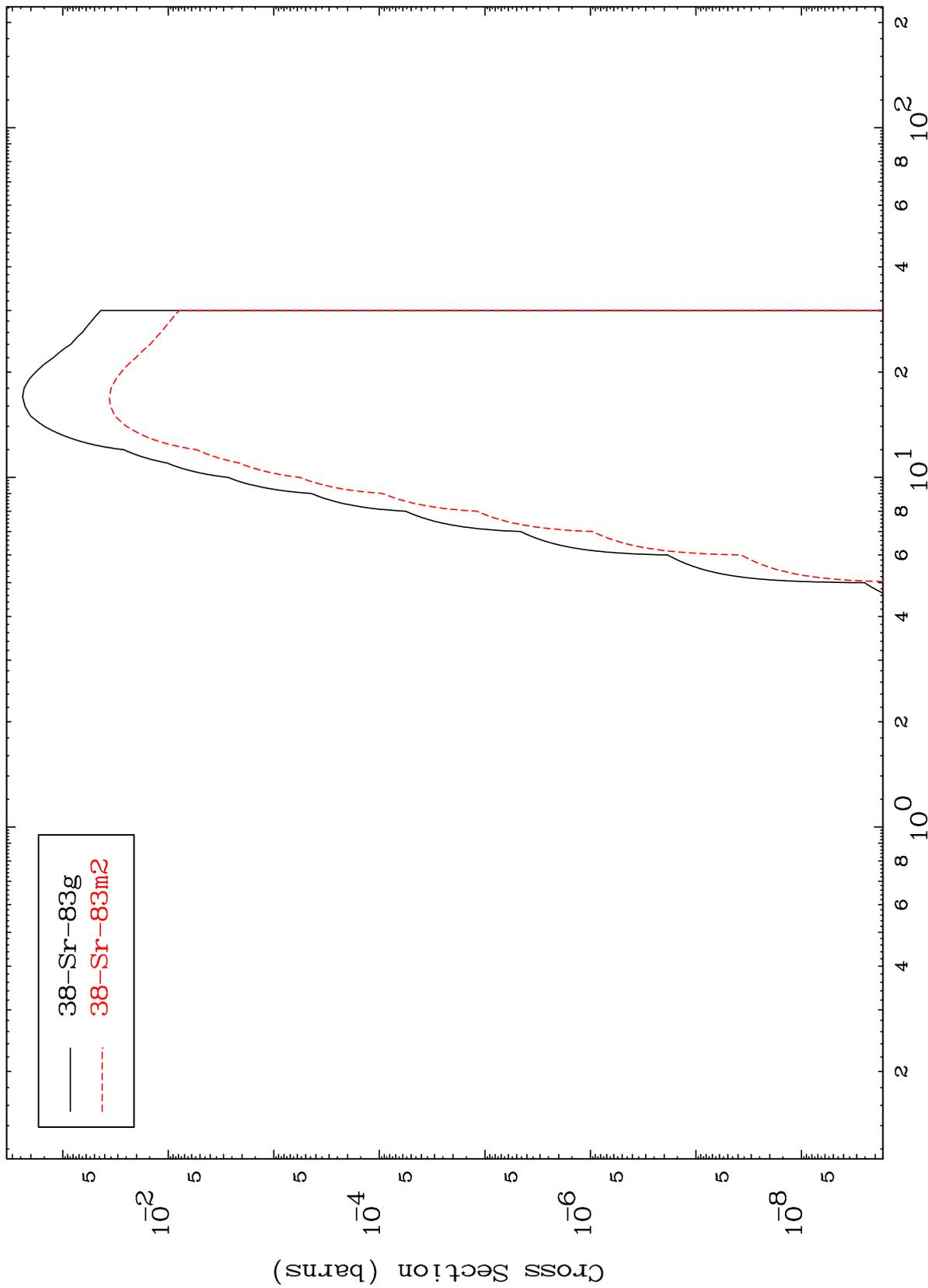
37-Rb-82m

MAT 3717

(n,n') p

37-Rb-82m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

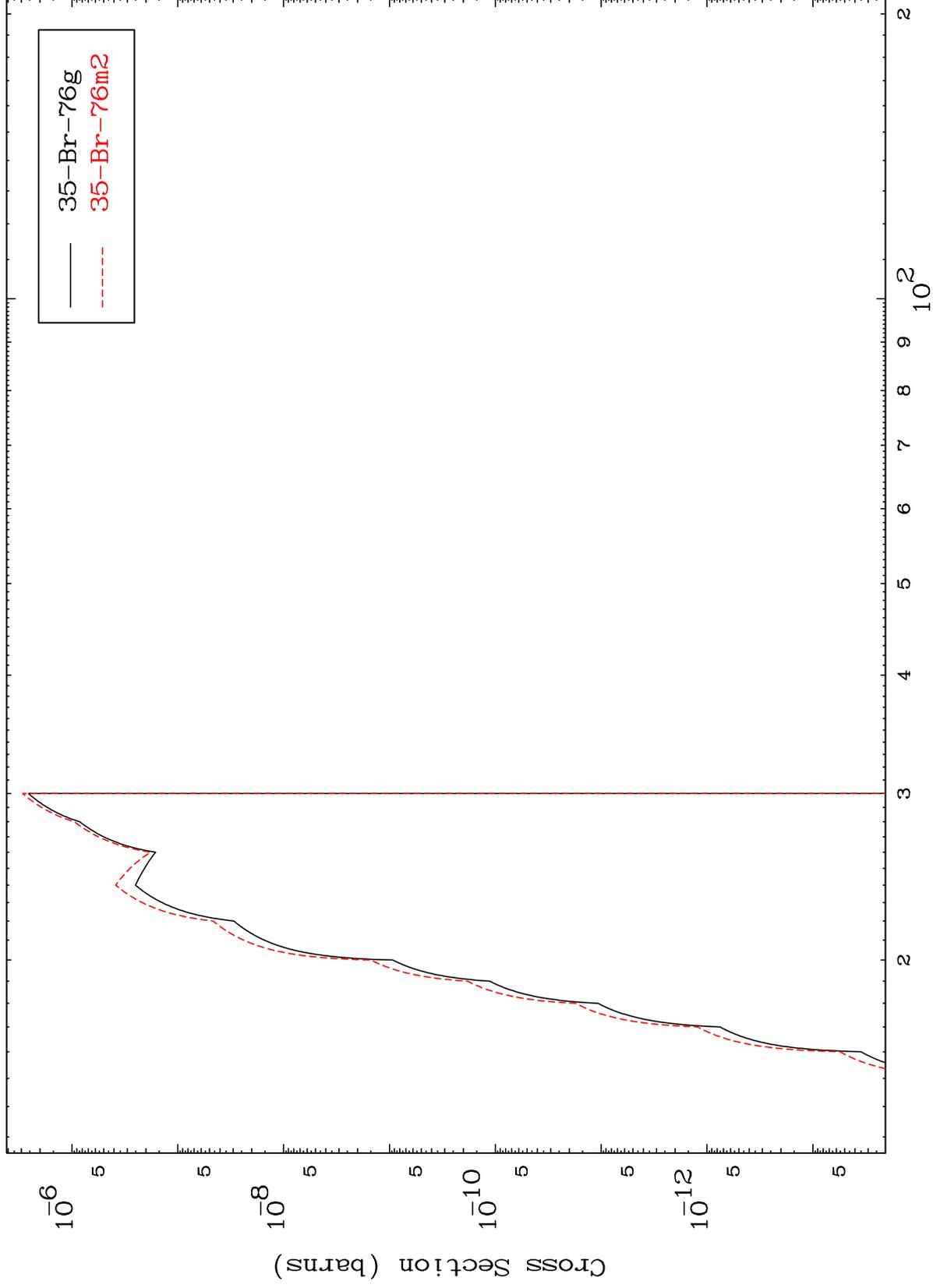
37-Rb-82m

MAT 3717

(n,n') 2α

37-Rb-82m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

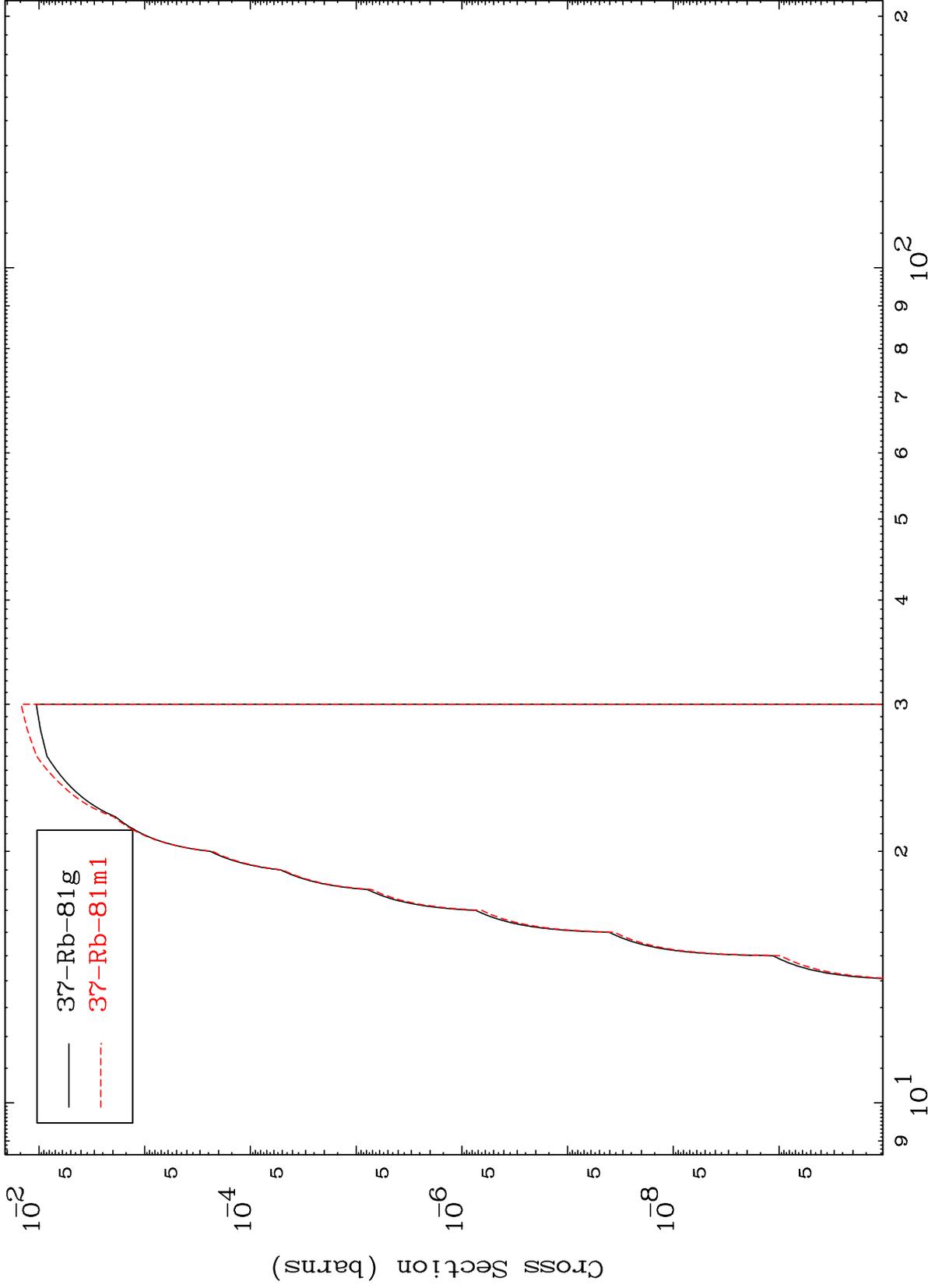
37-Rb-82m

MAT 3717

(n,n') He-3

37-Rb-82m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

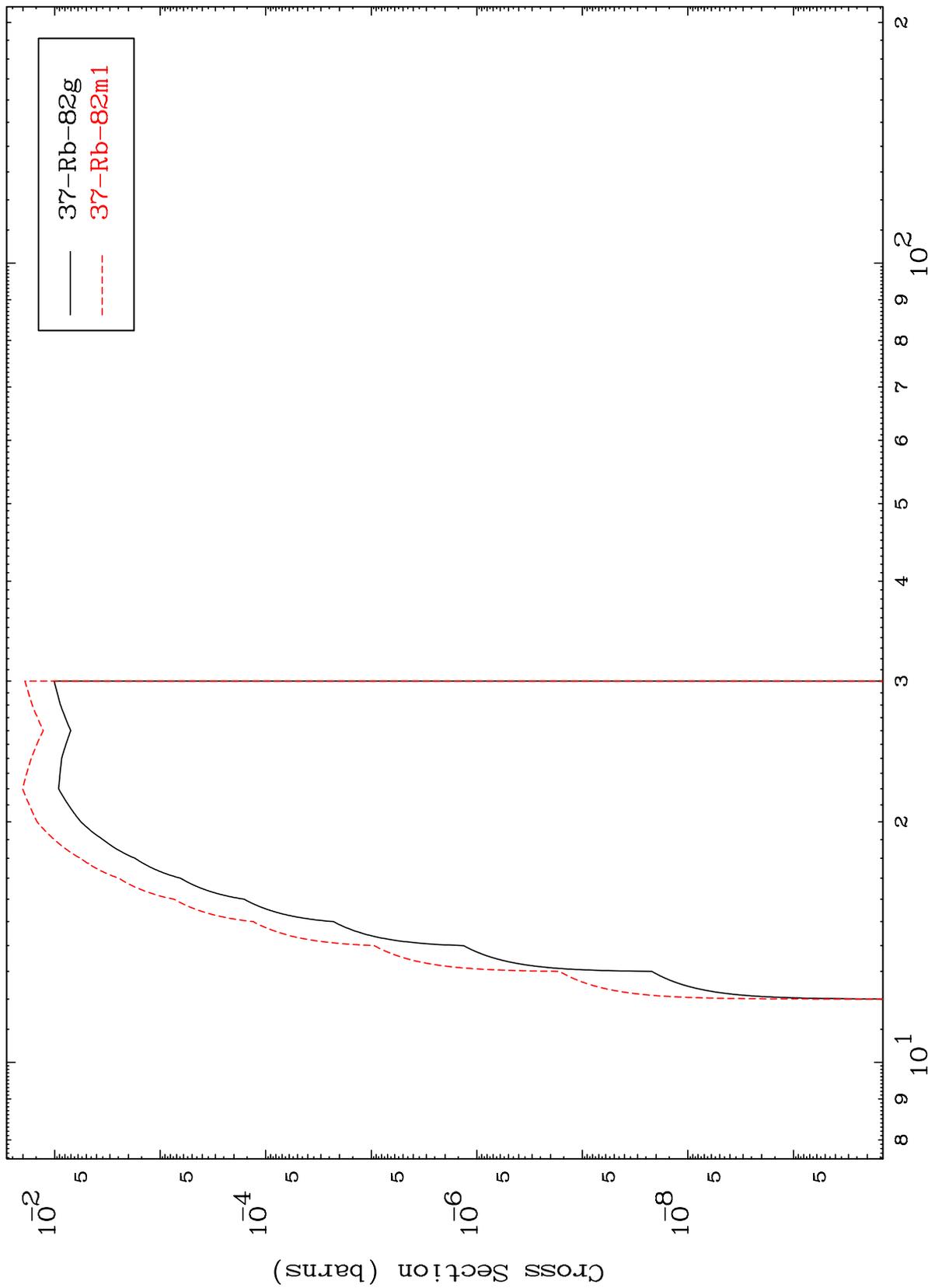
37-Rb-82m

MAT 3717

$(n,2n)$  p

$^{37}\text{Rb-82m}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

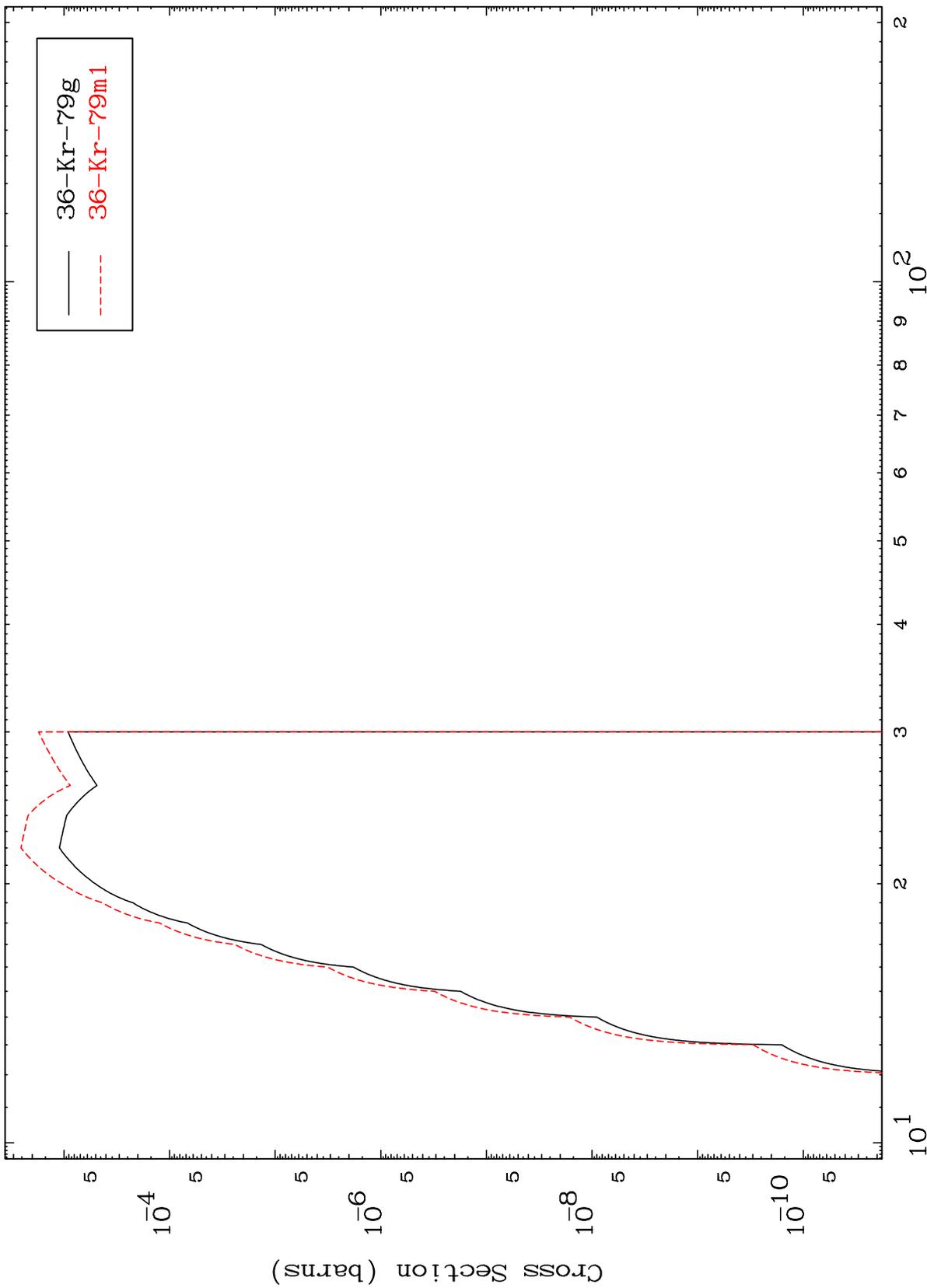
$^{37}\text{Rb-82m}$

MAT 3717

(n,n') p  $\alpha$

37-Rb-82m

Radionuclide Production Cross Section



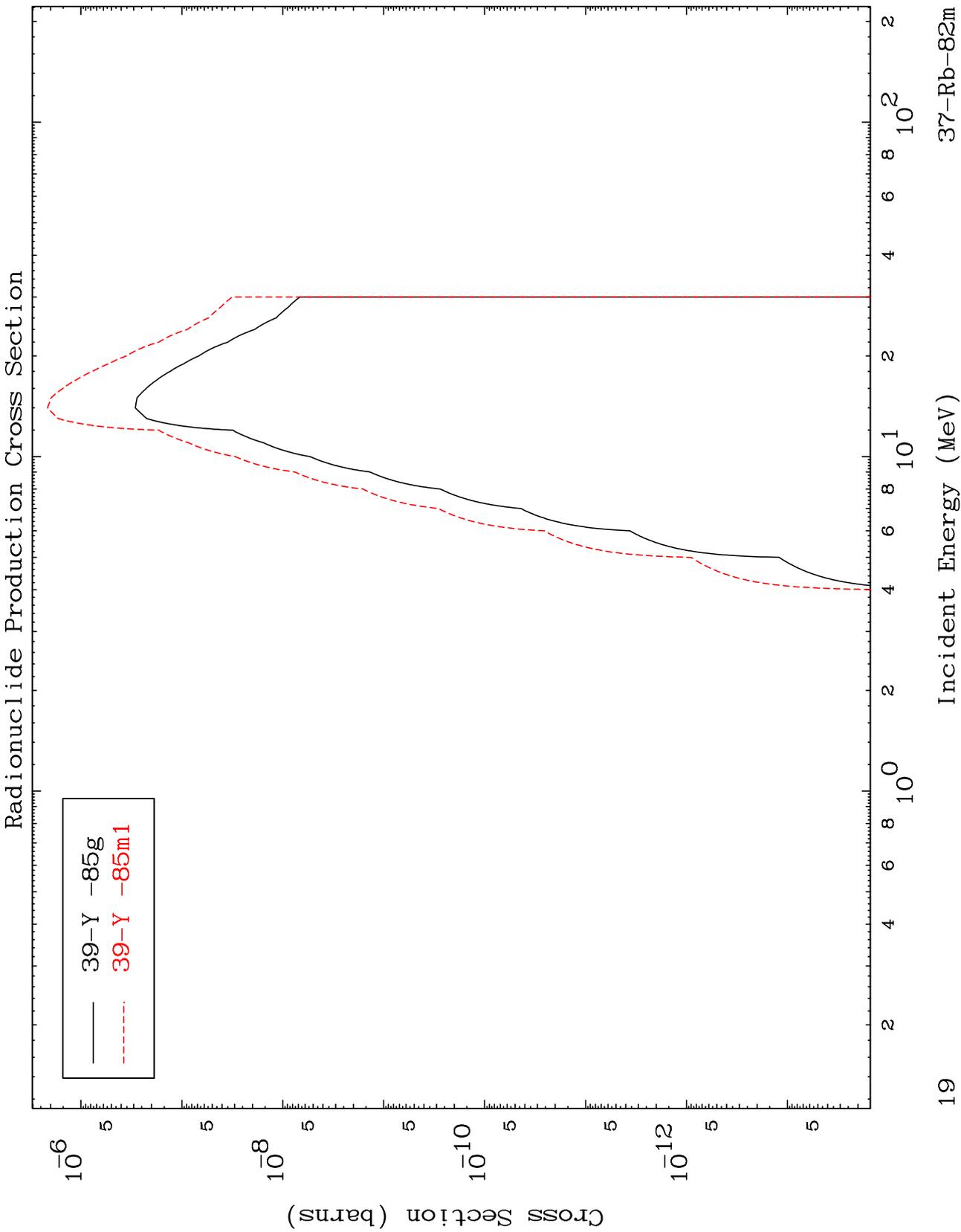
18

Incident Energy (MeV)

37-Rb-82m

MAT 3717

37-Rb-82m

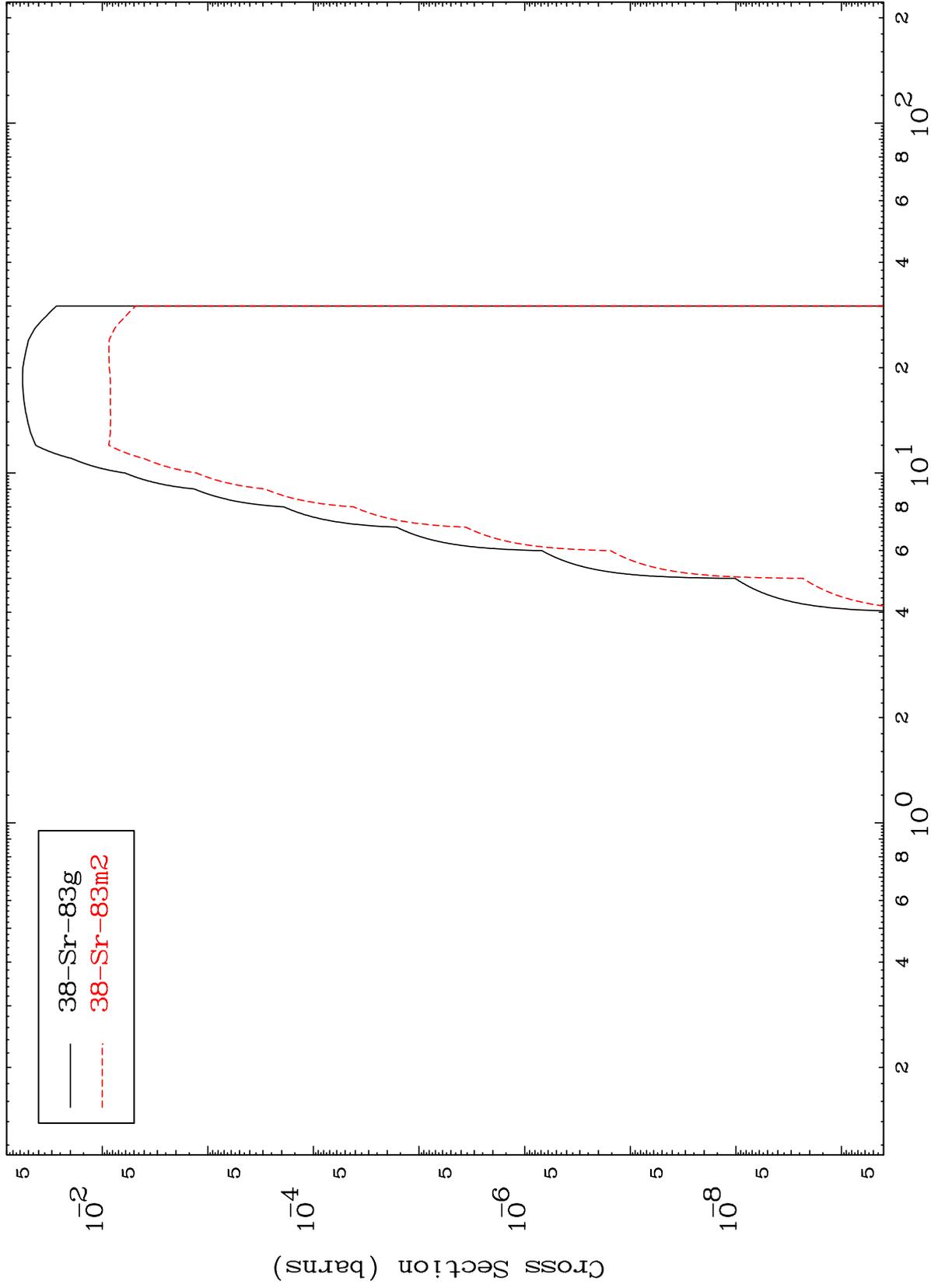


MAT 3717

(n,d)

37-Rb-82m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

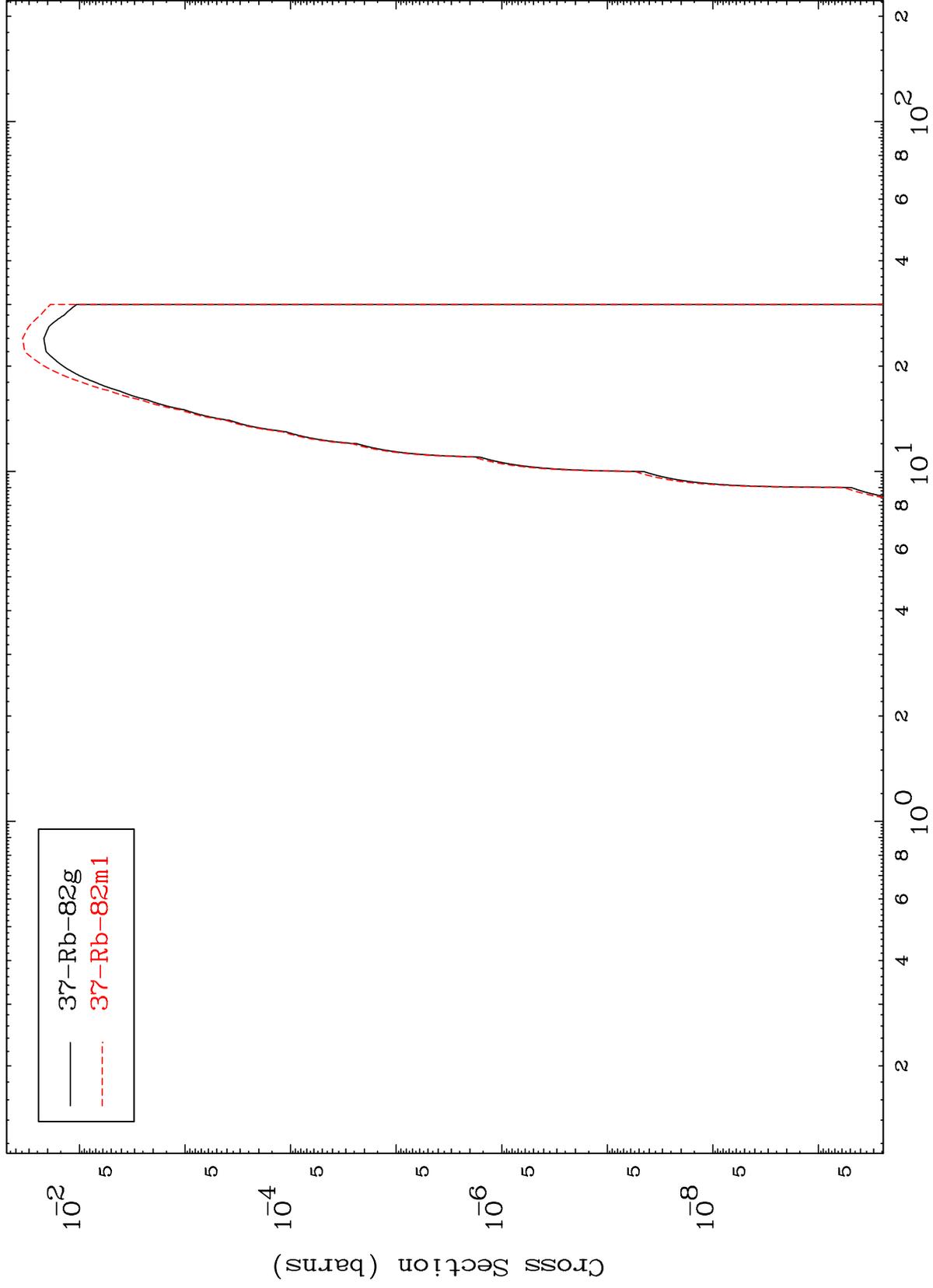
37-Rb-82m

MAT 3717

(n,He-3)

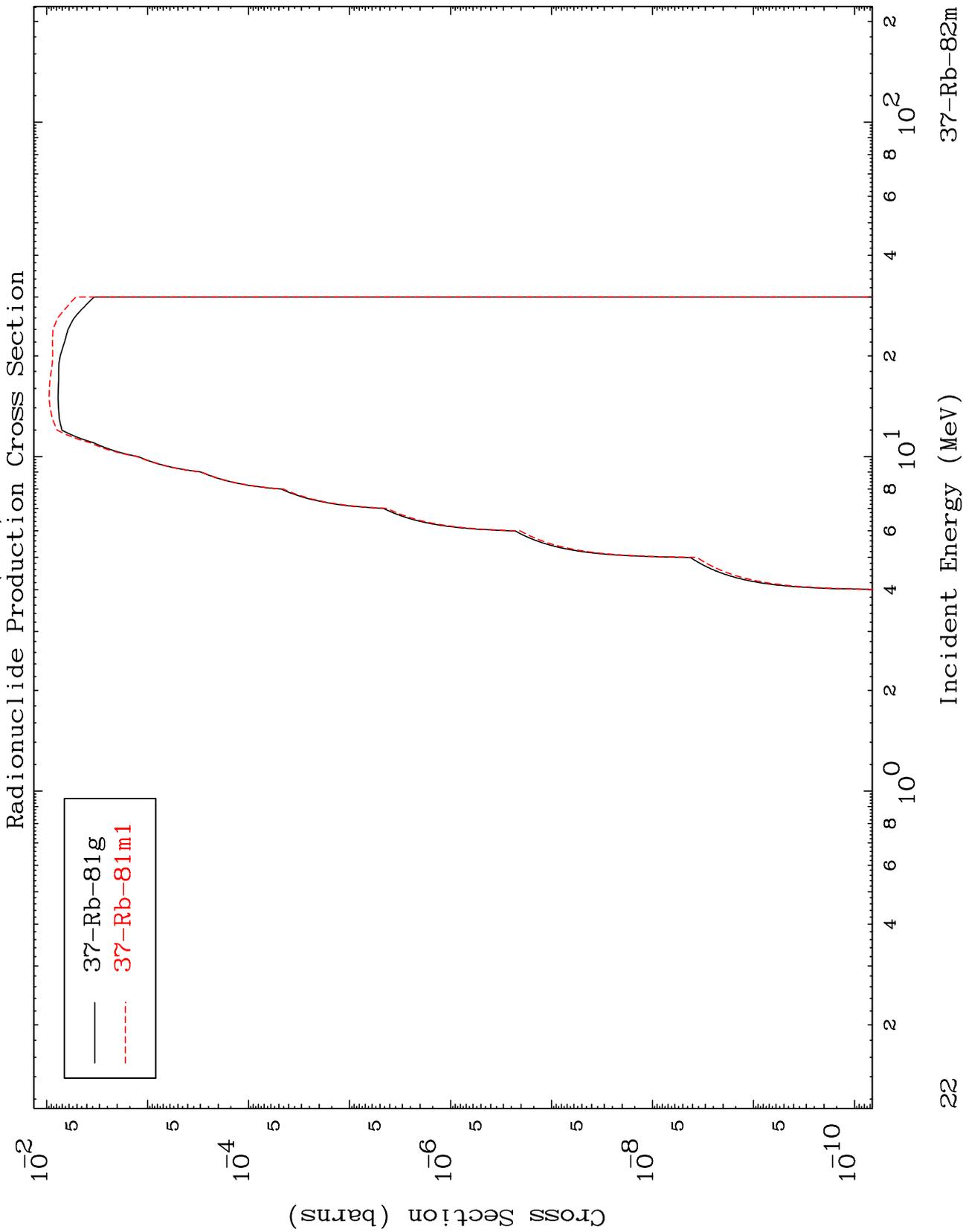
37-Rb-82m

Radionuclide Production Cross Section



MAT 3717

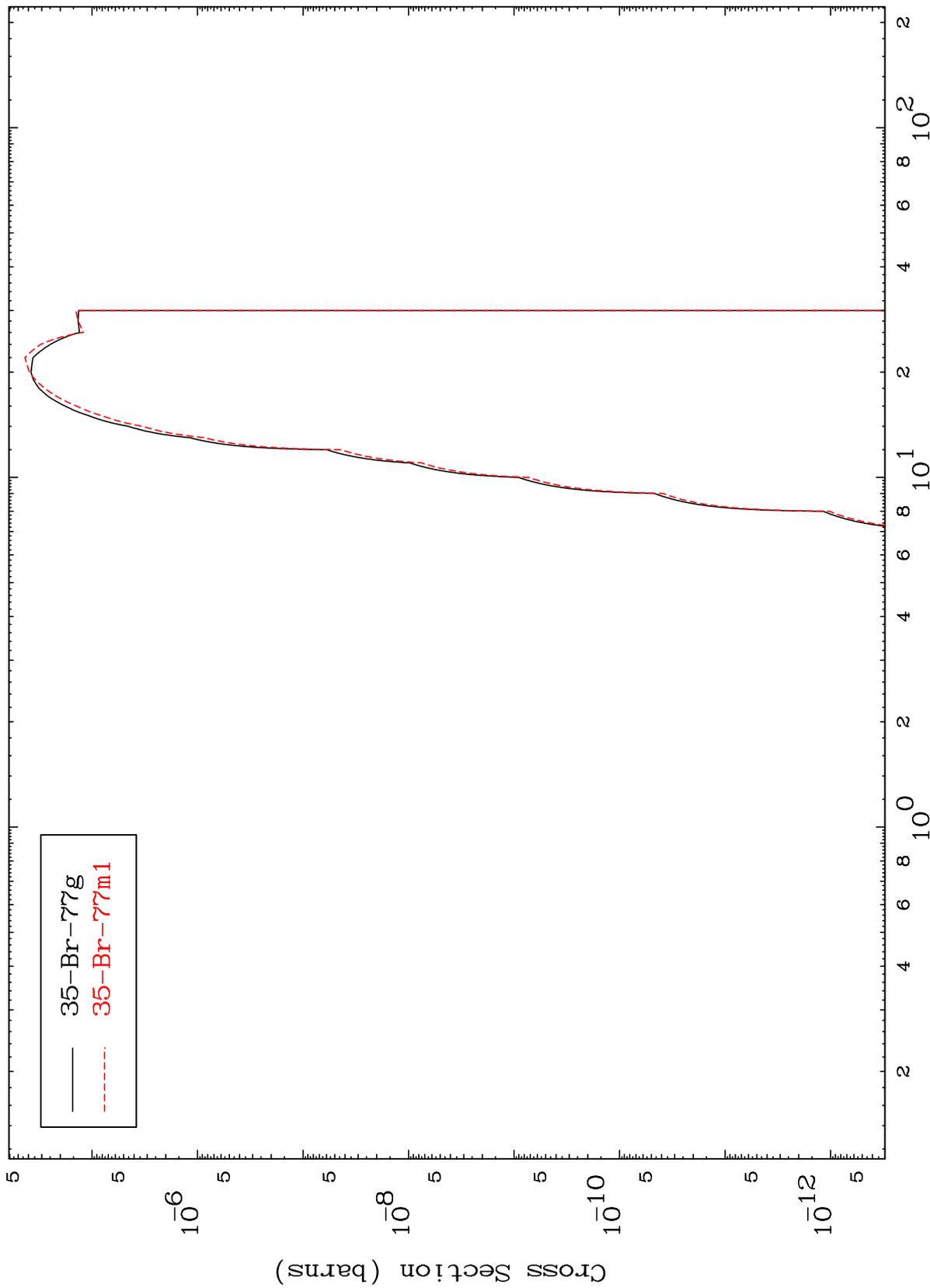
37-Rb-82m



MAT 3717

37-Rb-82m

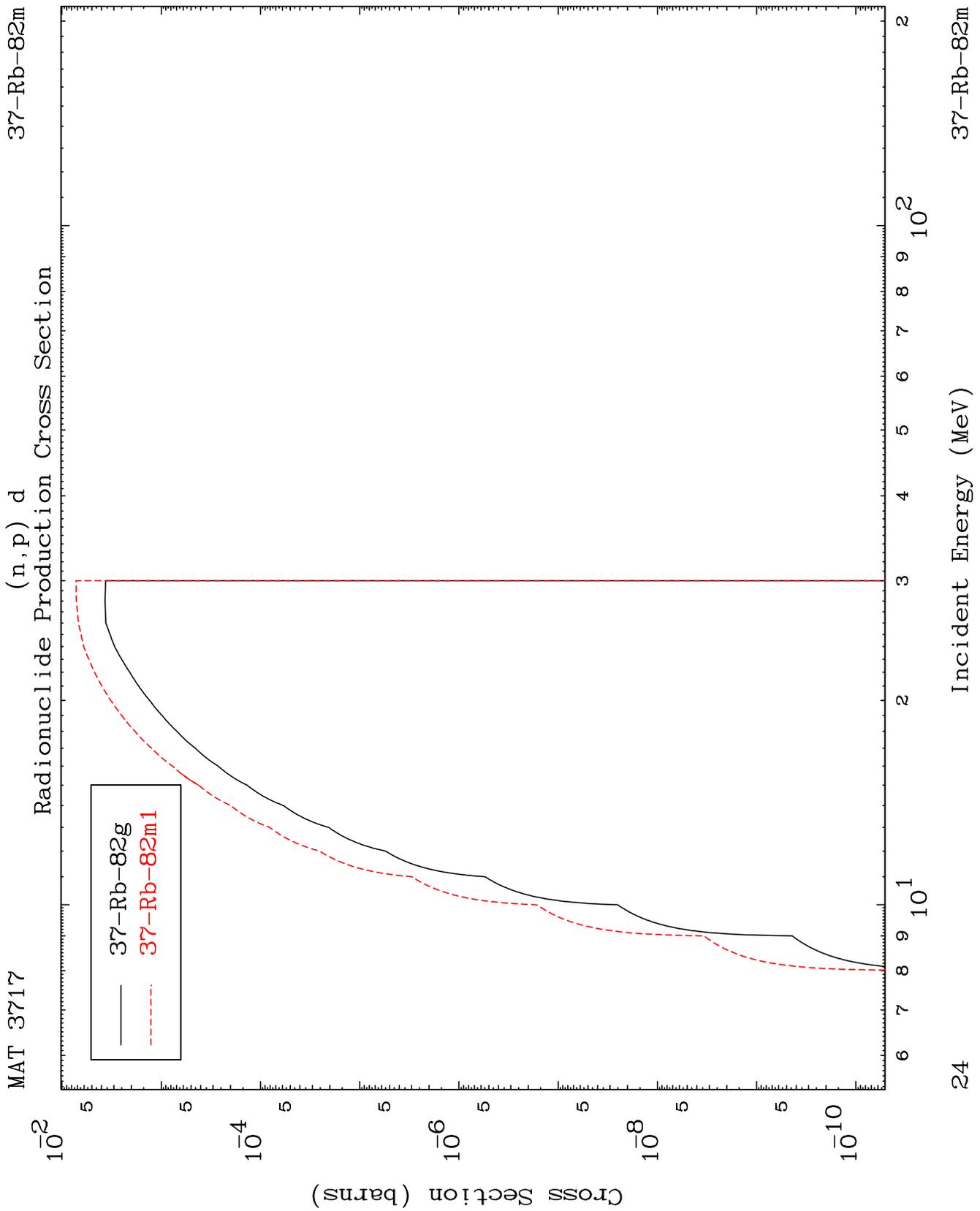
Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-82m

23

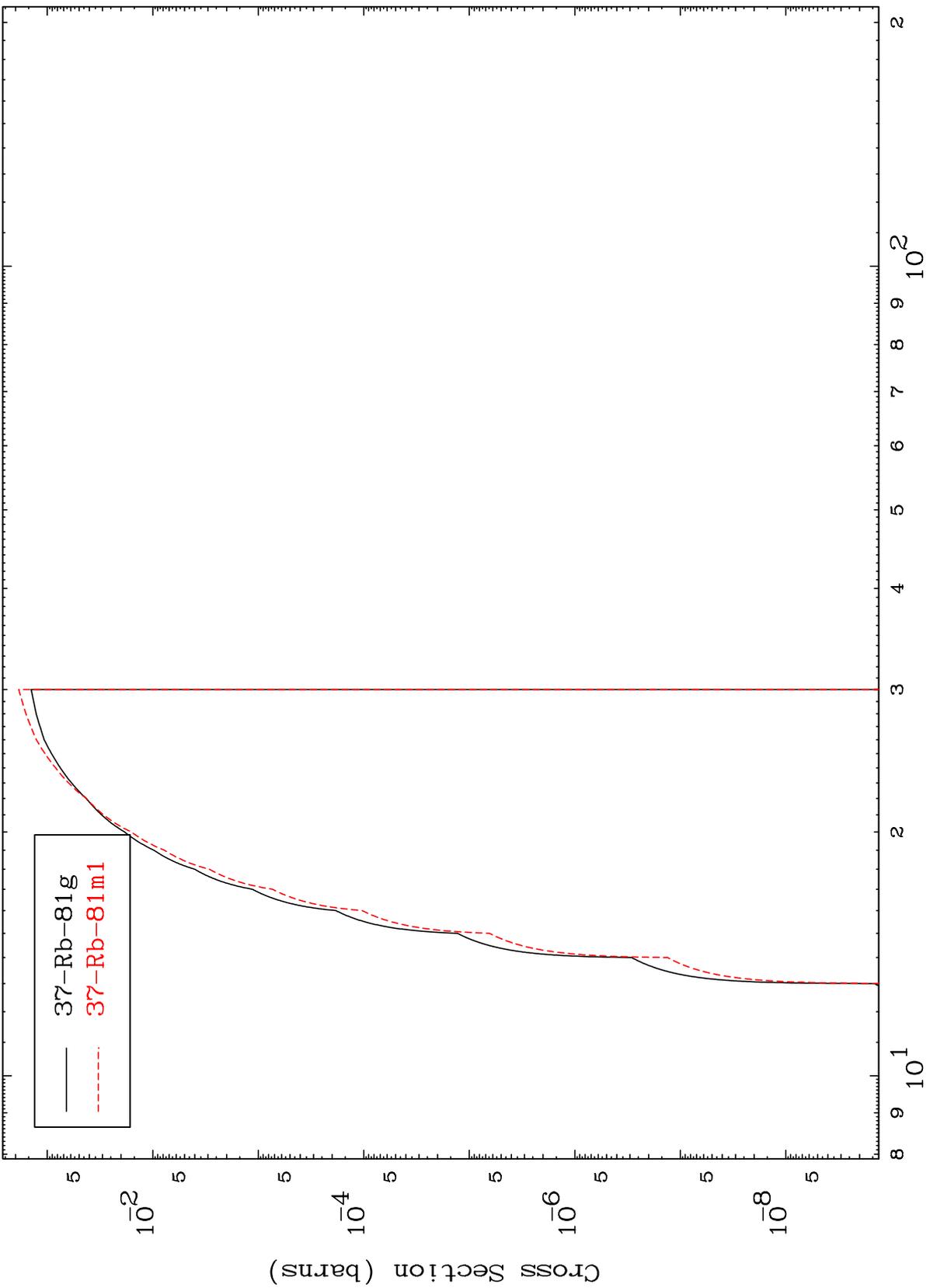


MAT 3717

(n,p) t

37-Rb-82m

Radionuclide Production Cross Section



37-Rb-81g  
37-Rb-81m1

25

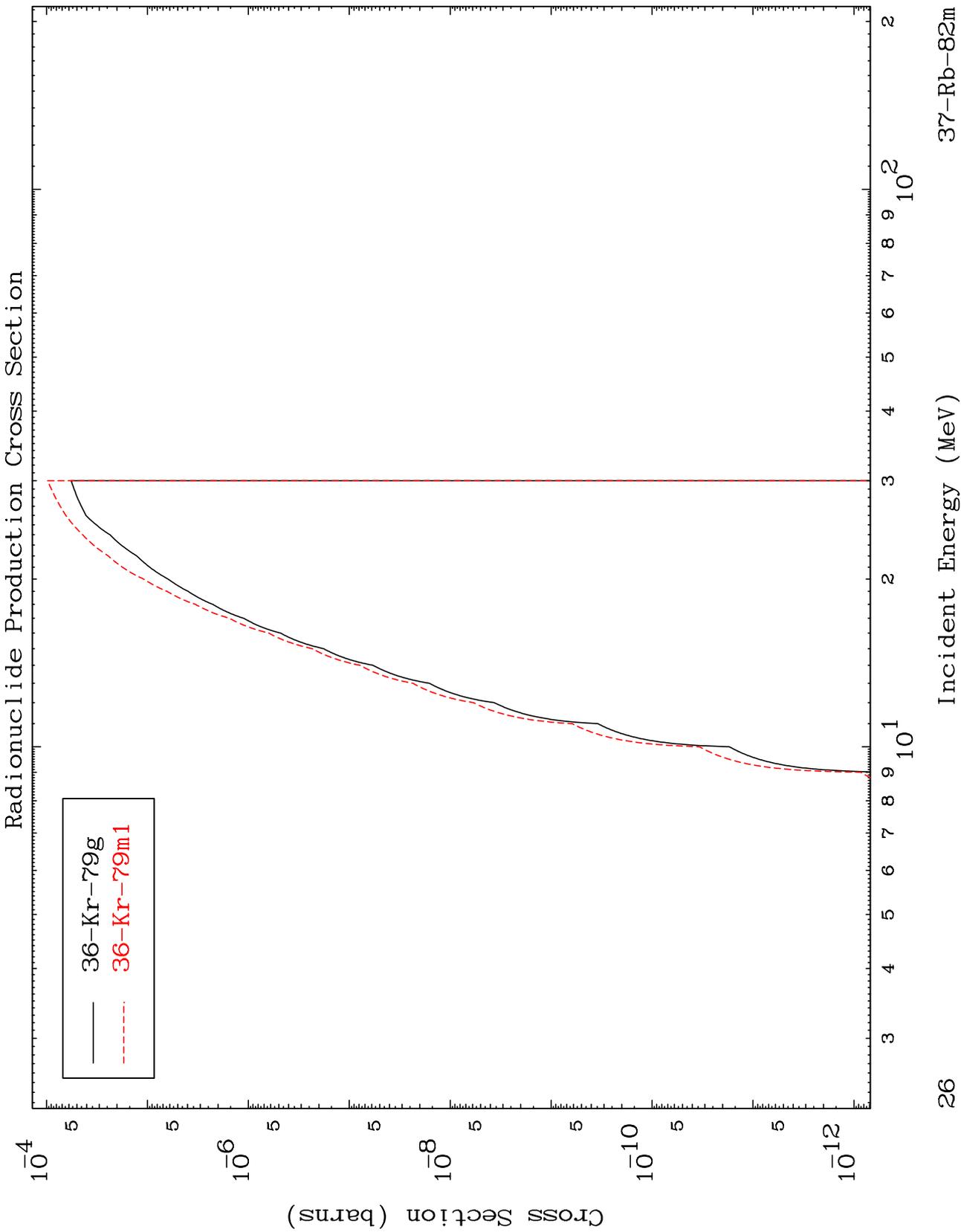
Incident Energy (MeV)

37-Rb-82m

MAT 3717

(n,d)  $\alpha$

37-Rb-82m



26

Incident Energy (MeV)

37-Rb-82m