

Program EVALPLOT  
(Version 2021-1)

by

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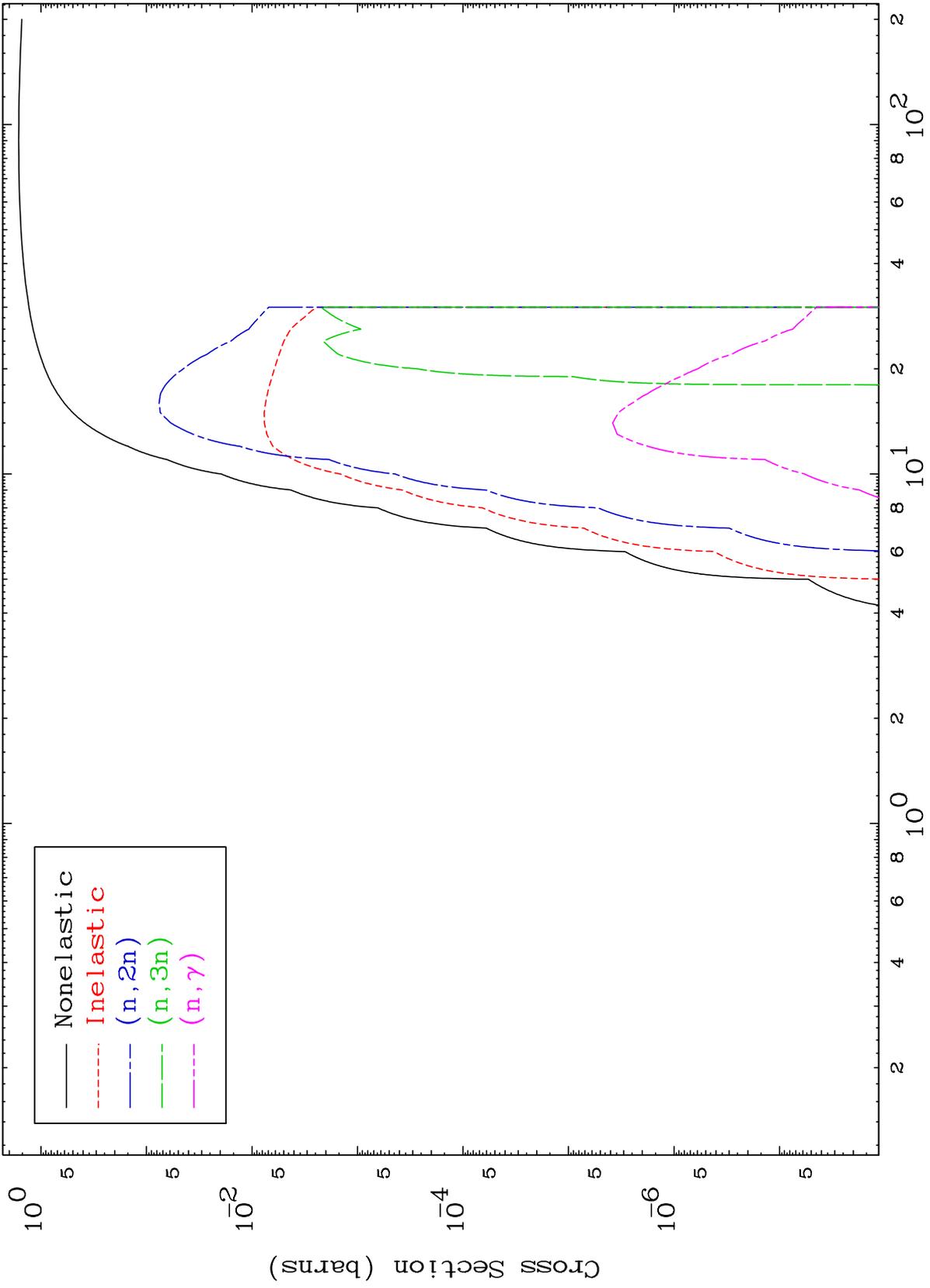
Press Mouse Button to Start

MAT 3717

He-3 Major

37-Rb-82m

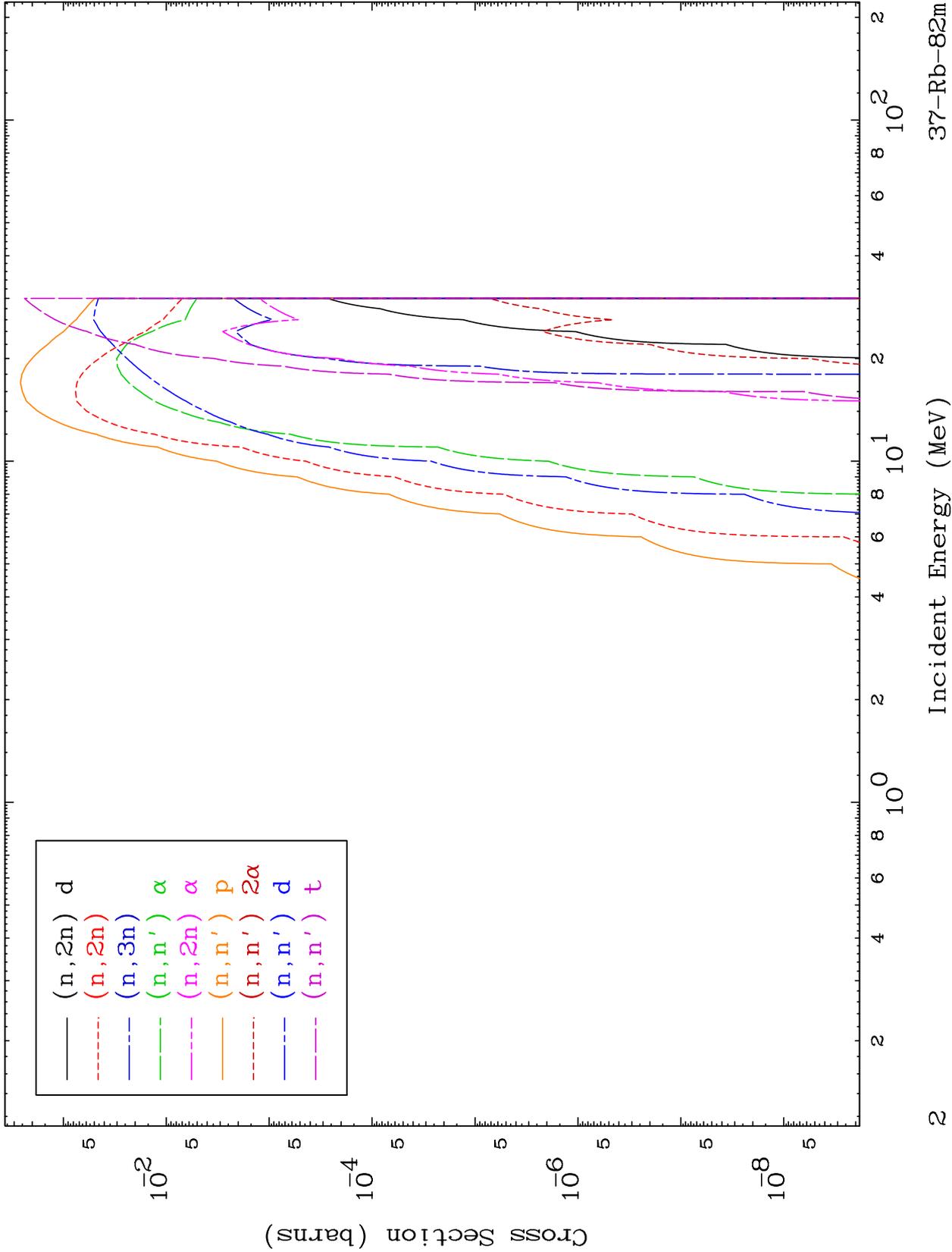
0 Kelvin Cross Sections



MAT 3717

He-3 Neutron Absorption  
0 Kelvin Cross Sections

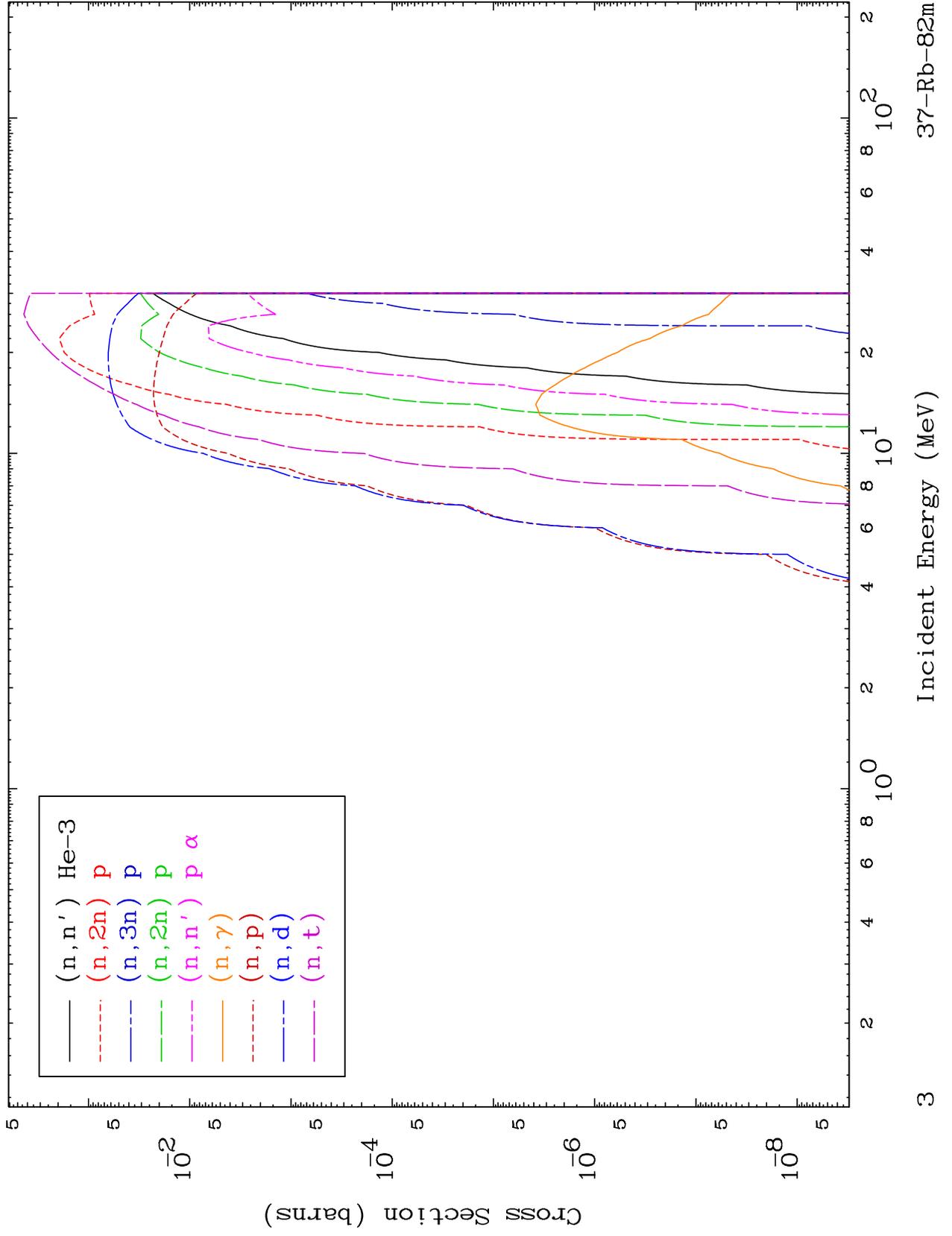
37-Rb-82m



MAT 3717

He-3 Neutron Absorption  
0 Kelvin Cross Sections

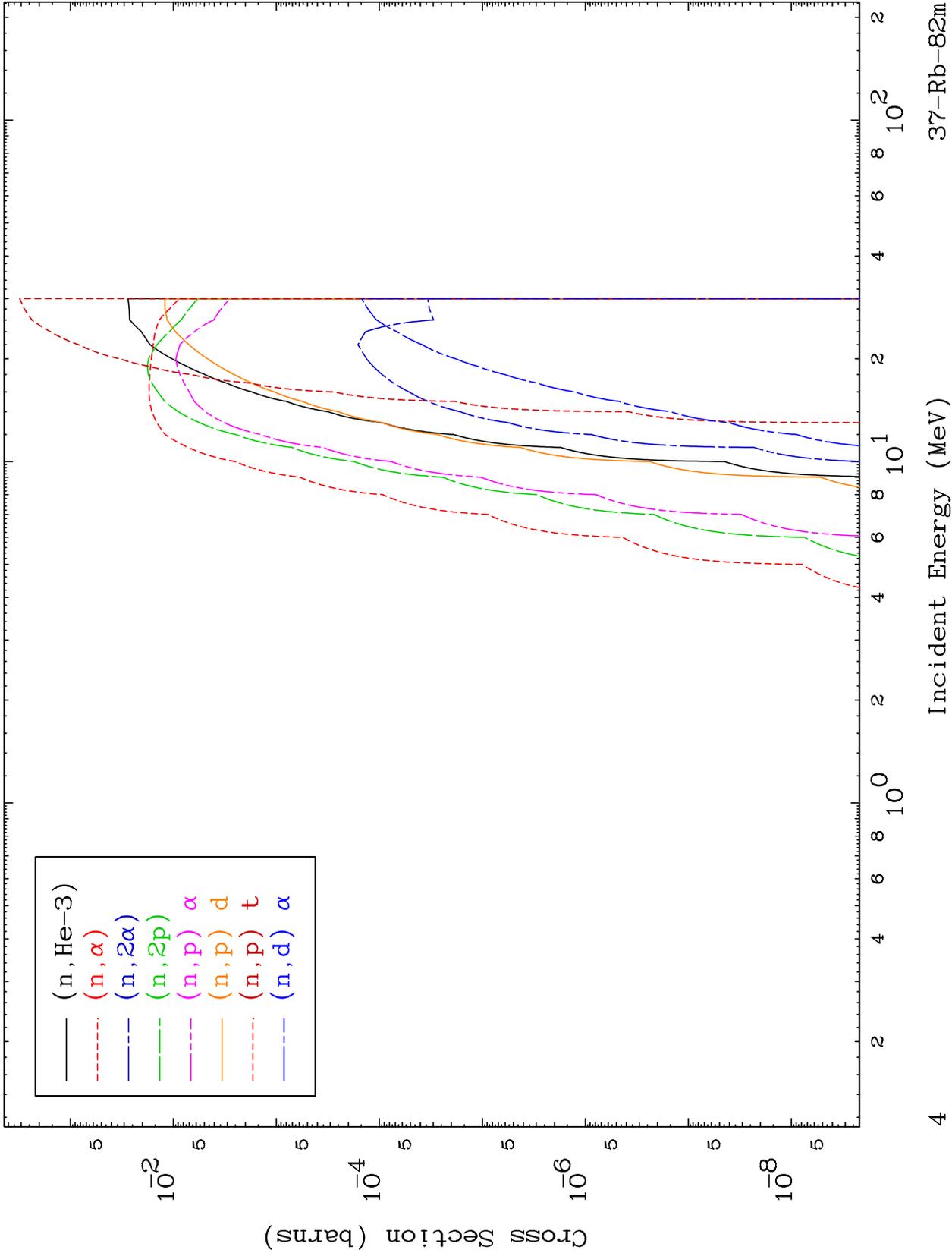
37-Rb-82m



MAT 3717

He-3 Neutron Absorption  
0 Kelvin Cross Sections

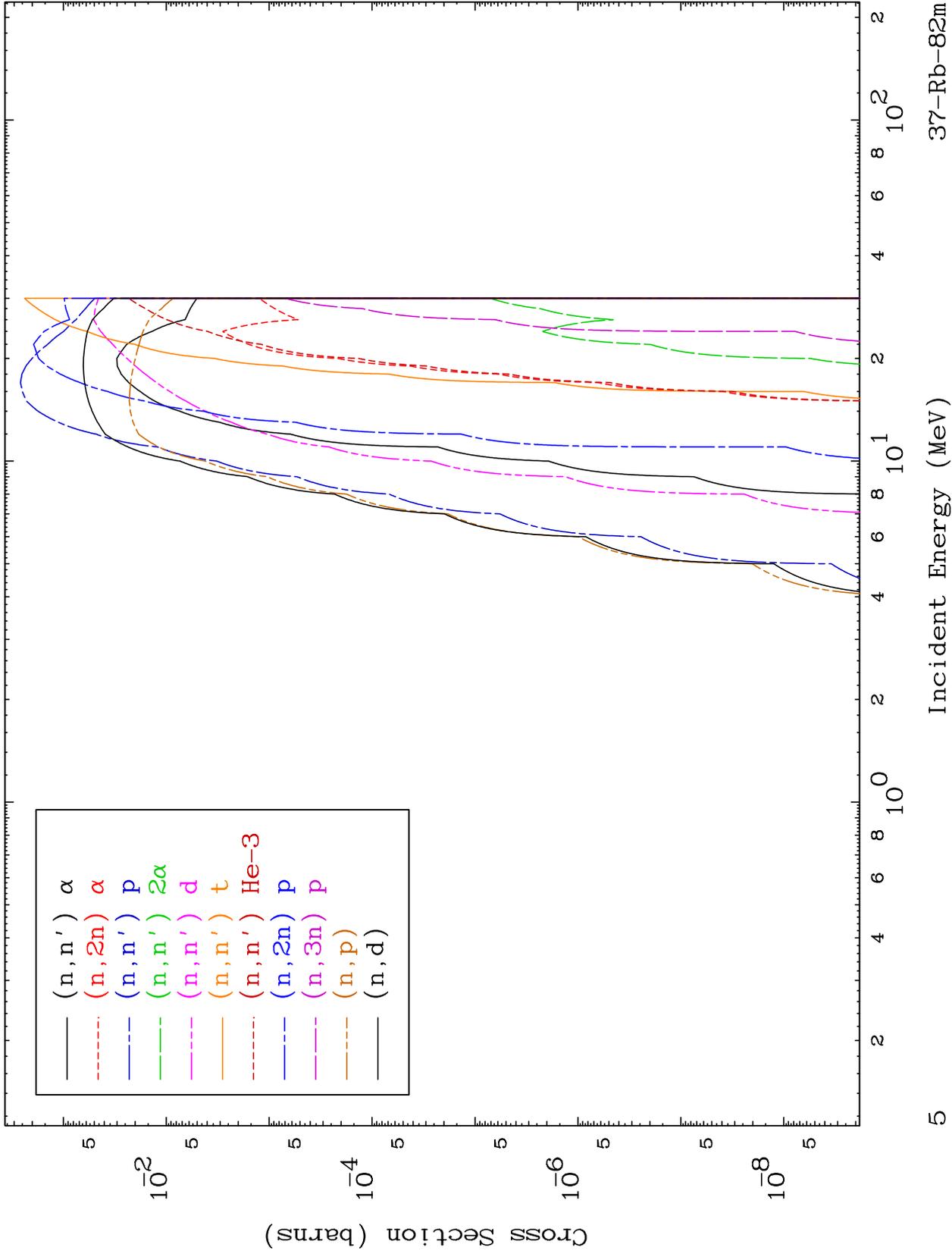
37-Rb-82m



MAT 3717

He-3 Charged Particle  
0 Kelvin Cross Sections

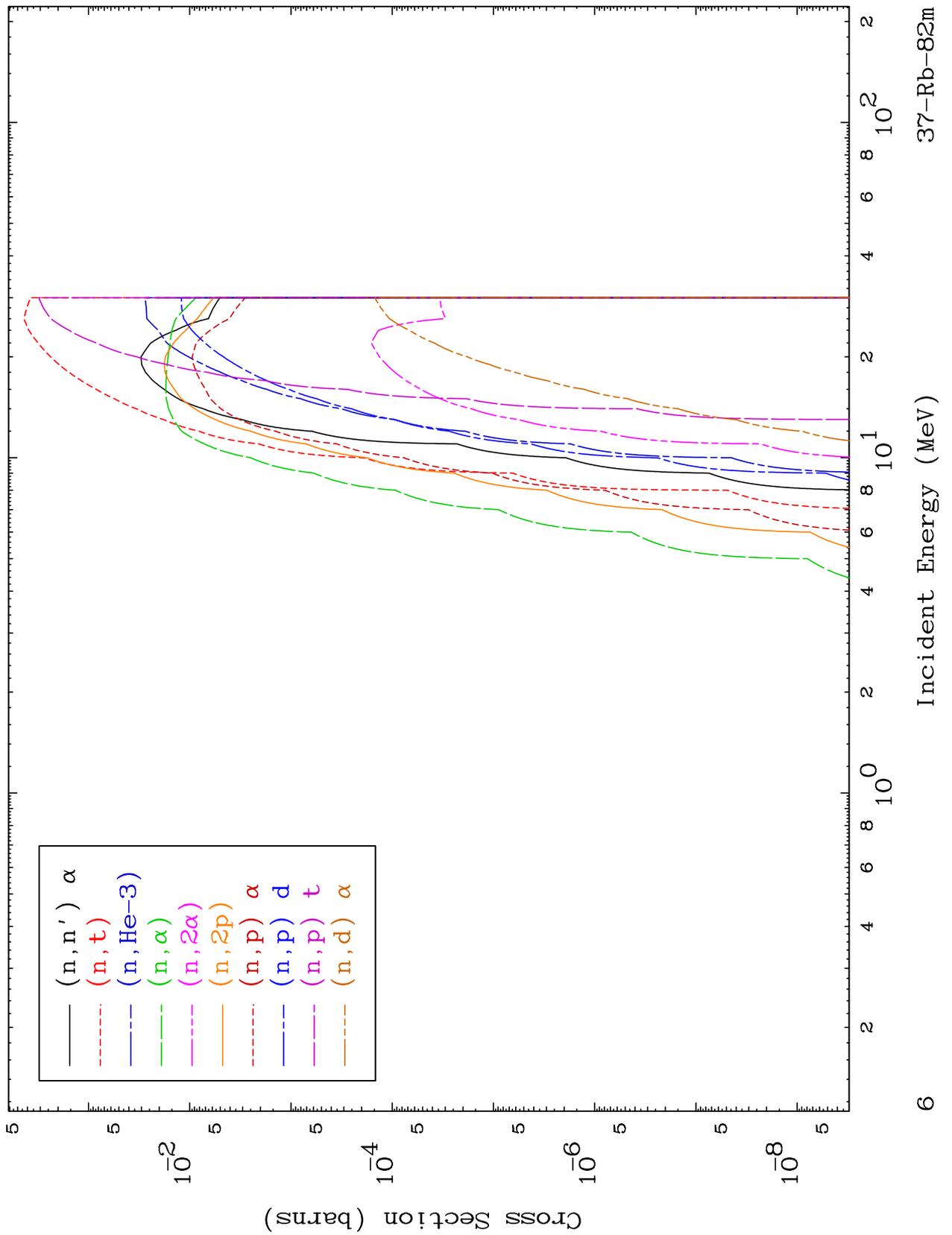
37-Rb-82m



MAT 3717

He-3 Charged Particle  
0 Kelvin Cross Sections

37-Rb-82m

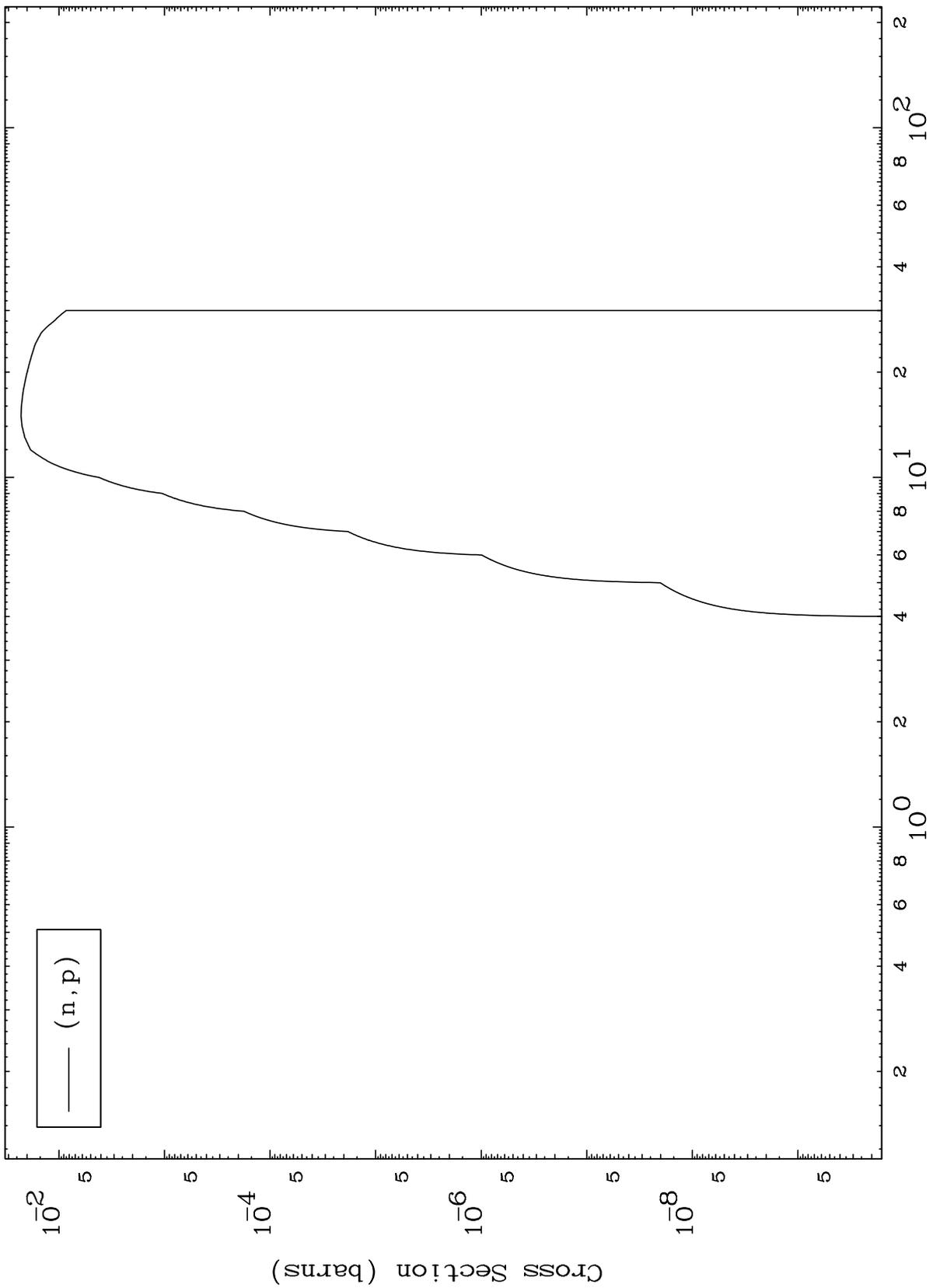


MAT 3717

(He-3,p) Levels

37-Rb-82m

0 Kelvin Cross Sections

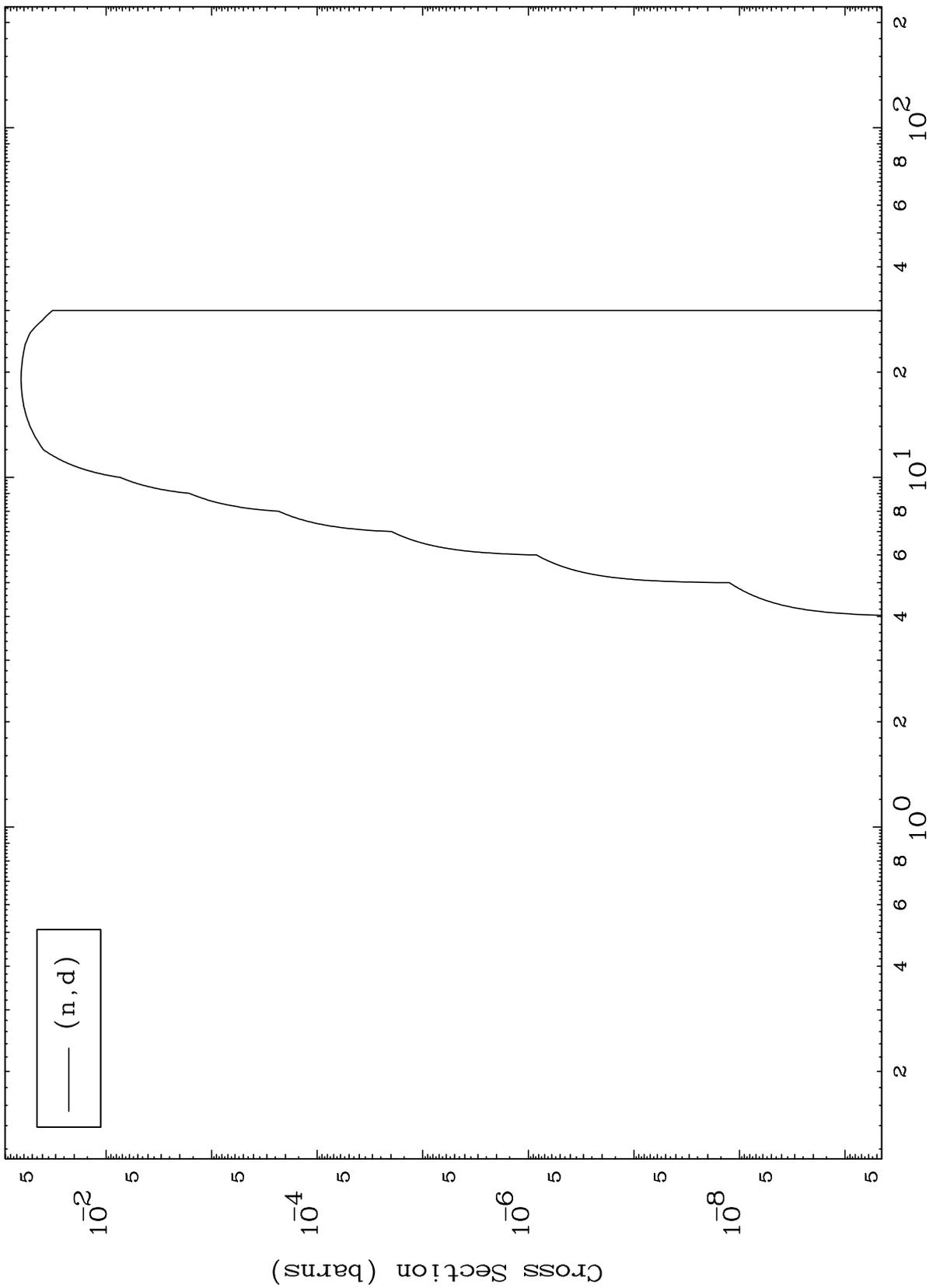


MAT 3717

(He-3,d) Levels

37-Rb-82m

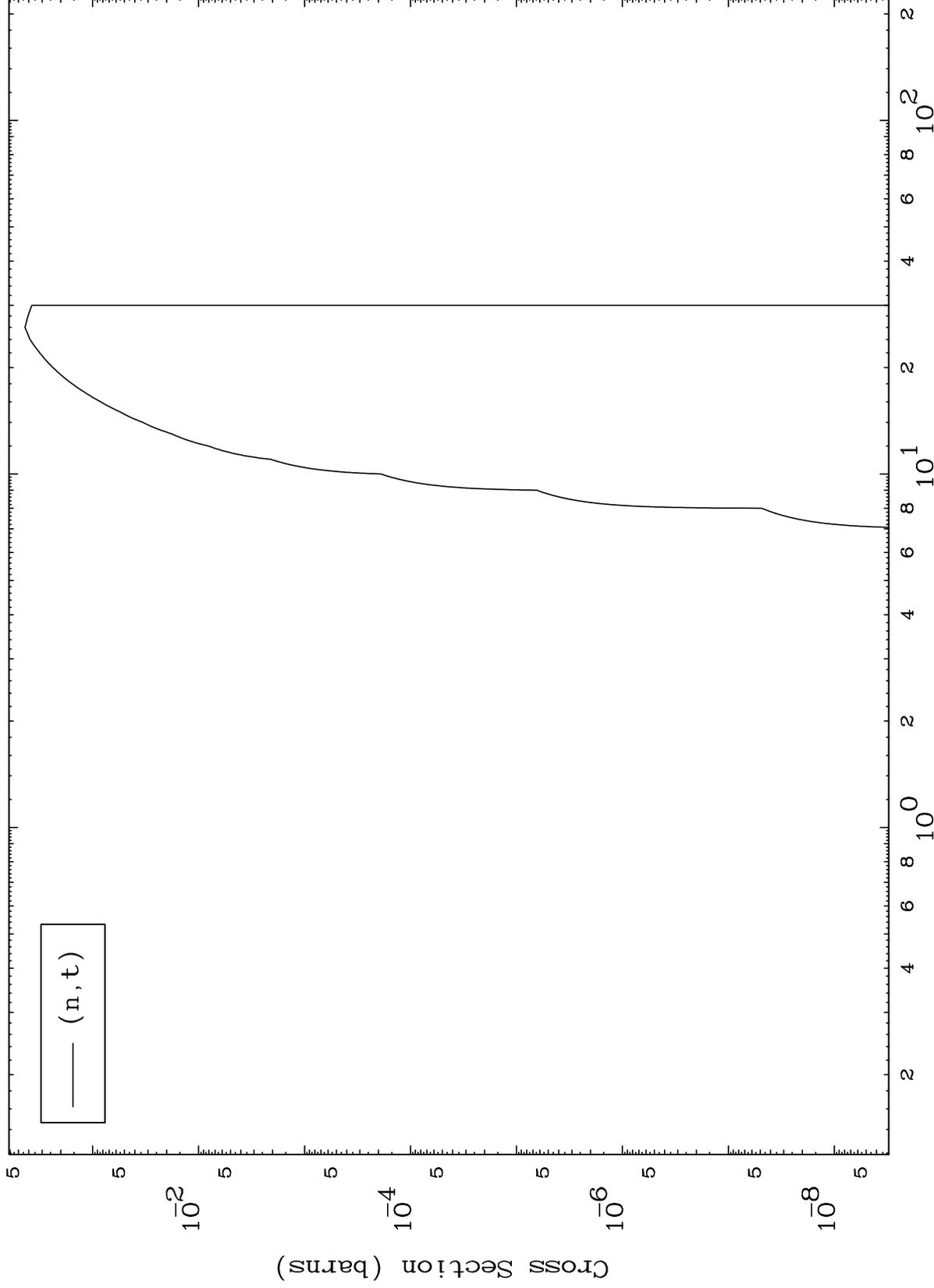
0 Kelvin Cross Sections



MAT 3717

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

37-Rb-82m

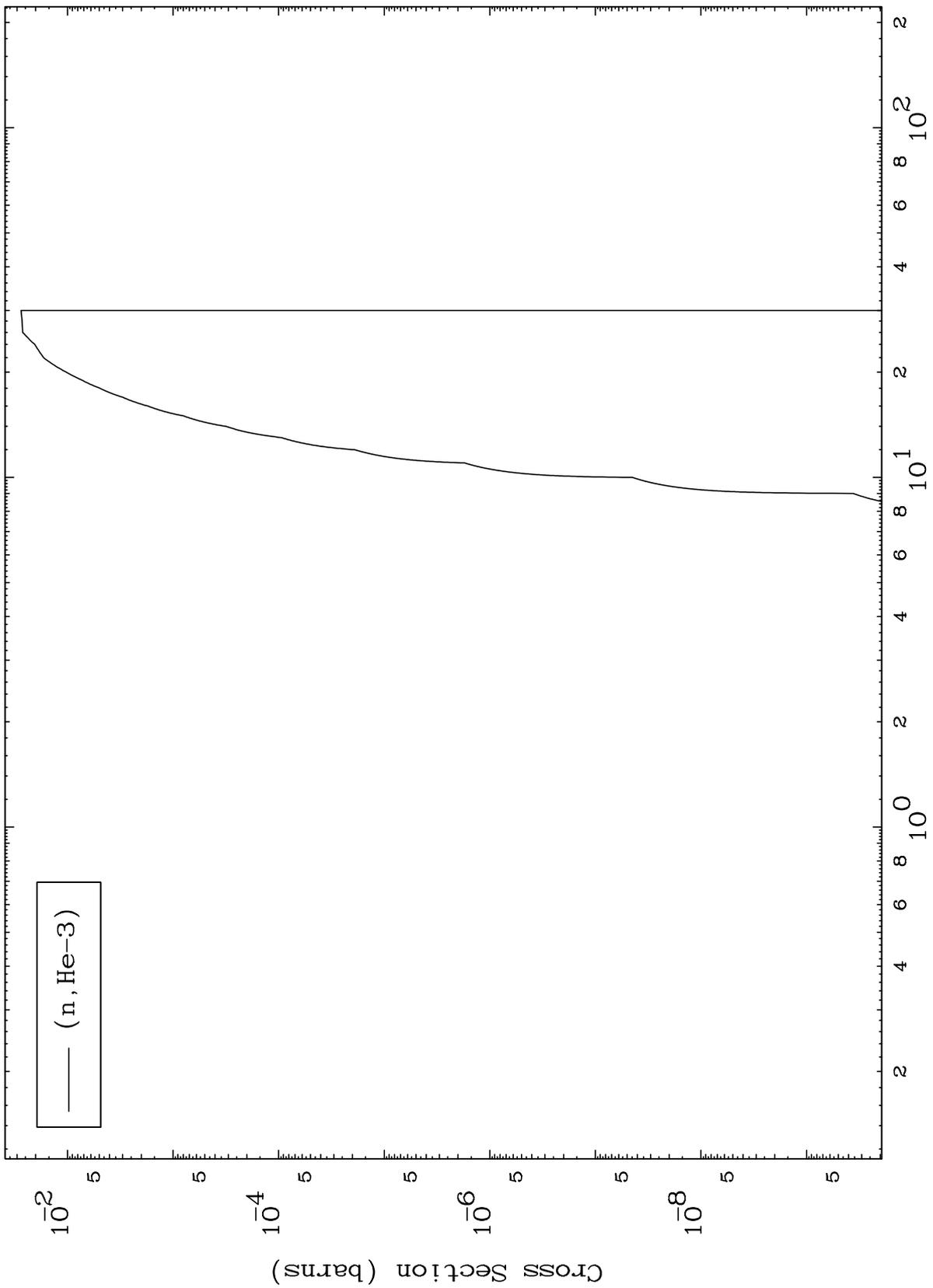


MAT 3717

(He-3, He3) Levels

37-Rb-82m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

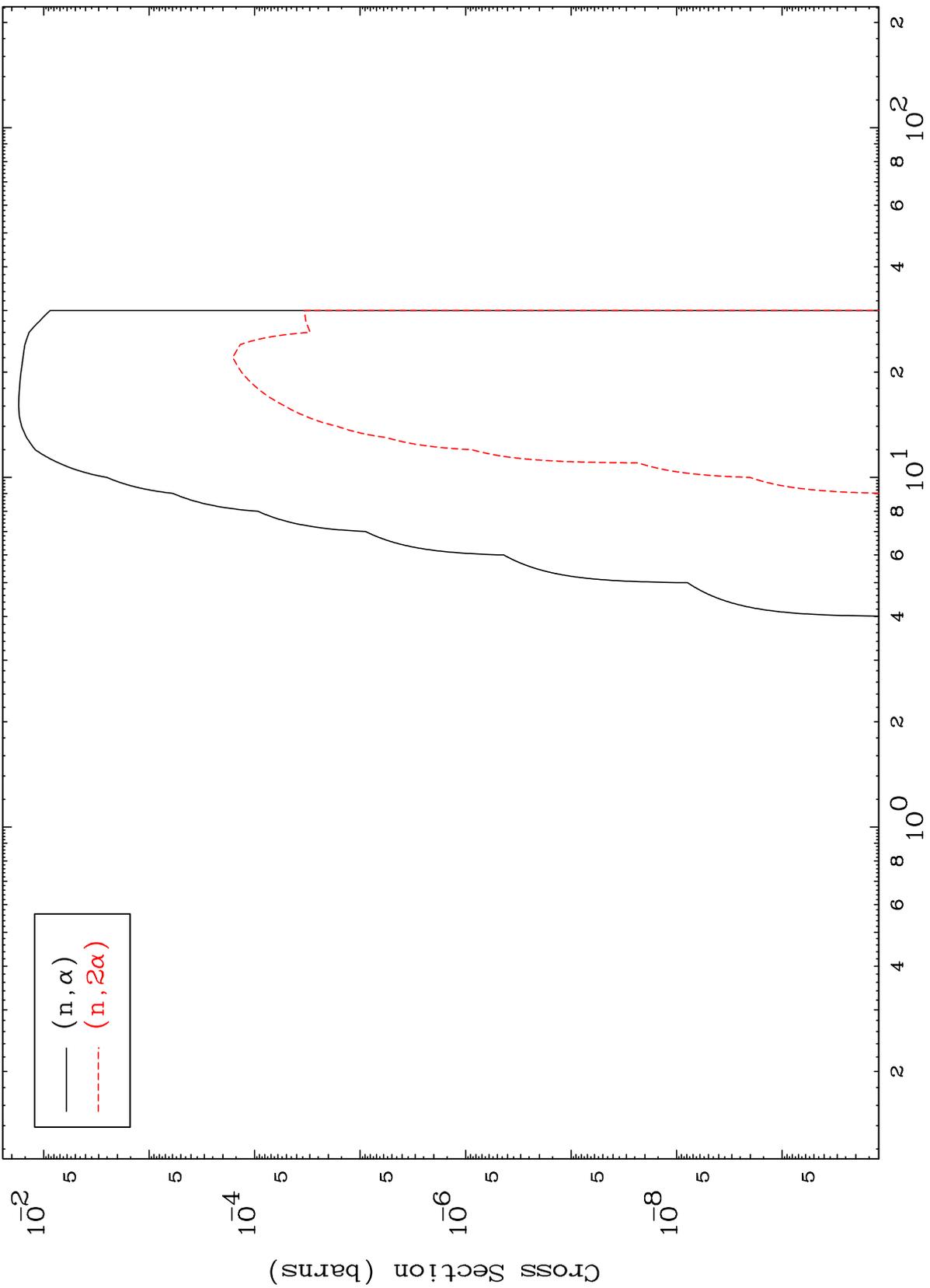
37-Rb-82m

MAT 3717

(He-3,  $\alpha$ ) Levels

37-Rb-82m

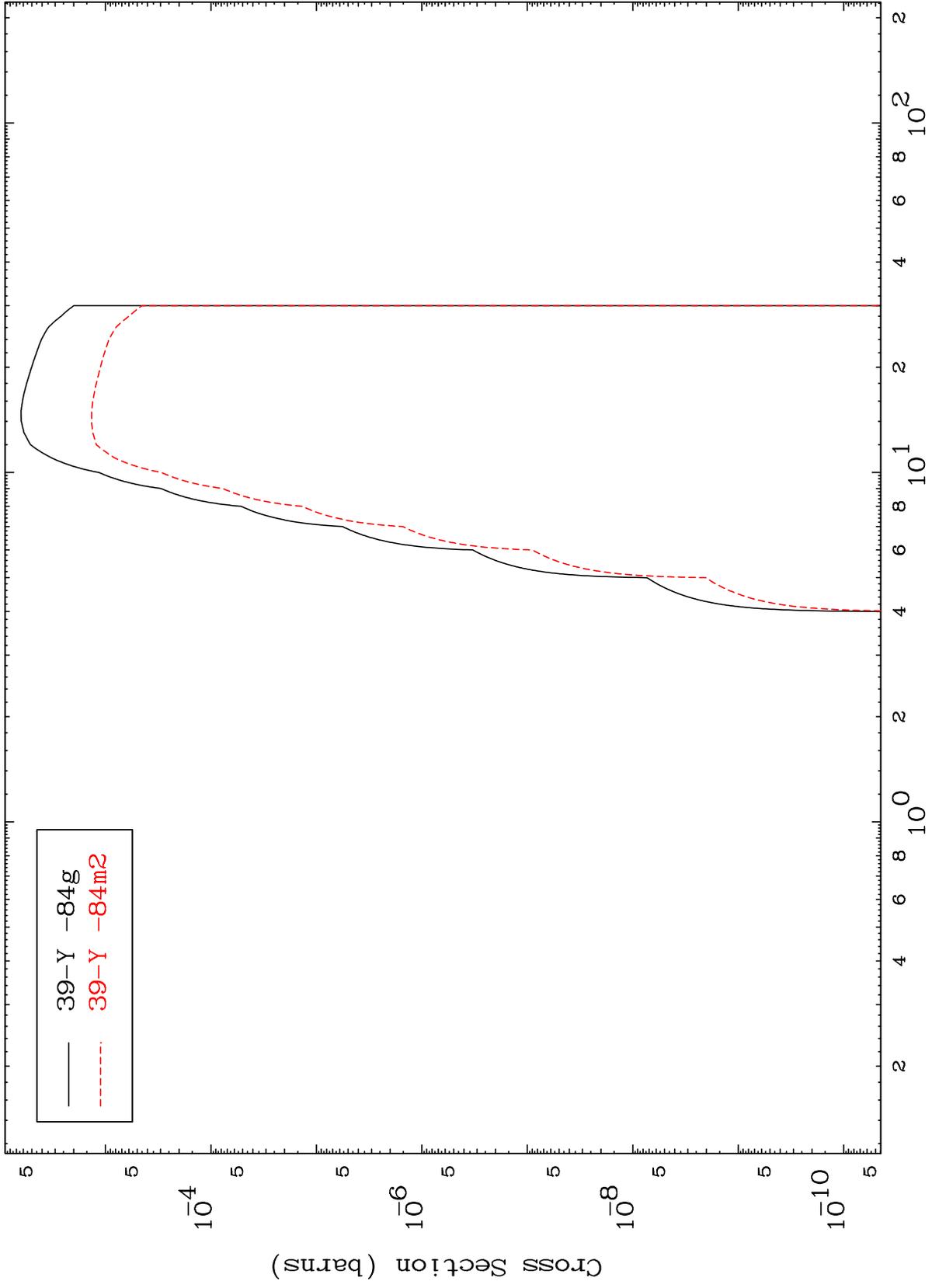
0 Kelvin Cross Sections



MAT 3717

Inelastic  
Radionuclide Production Cross Section

37-Rb-82m

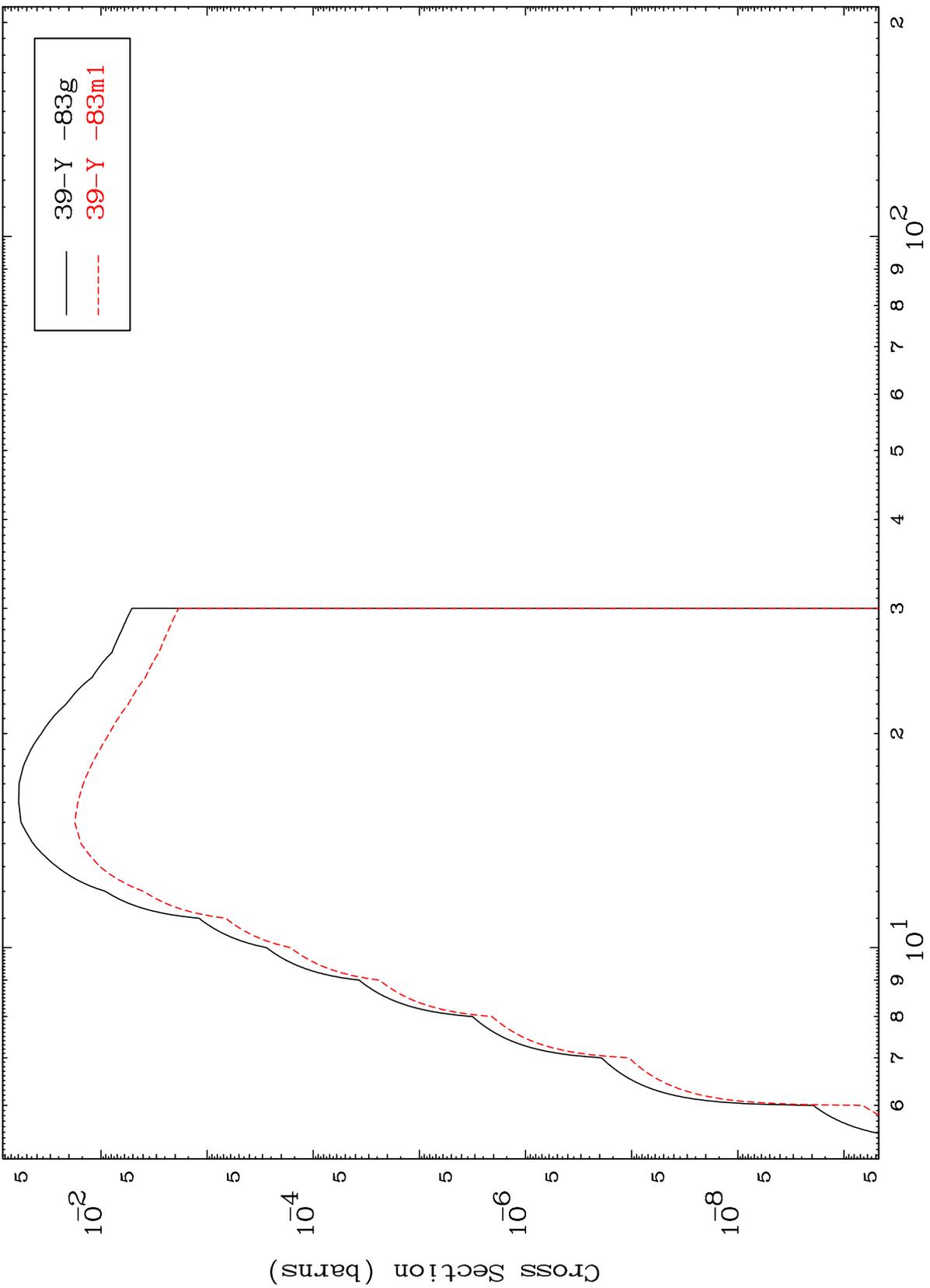


— 39-Y -84g  
- - - 39-Y -84m2

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37-Rb-82m

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

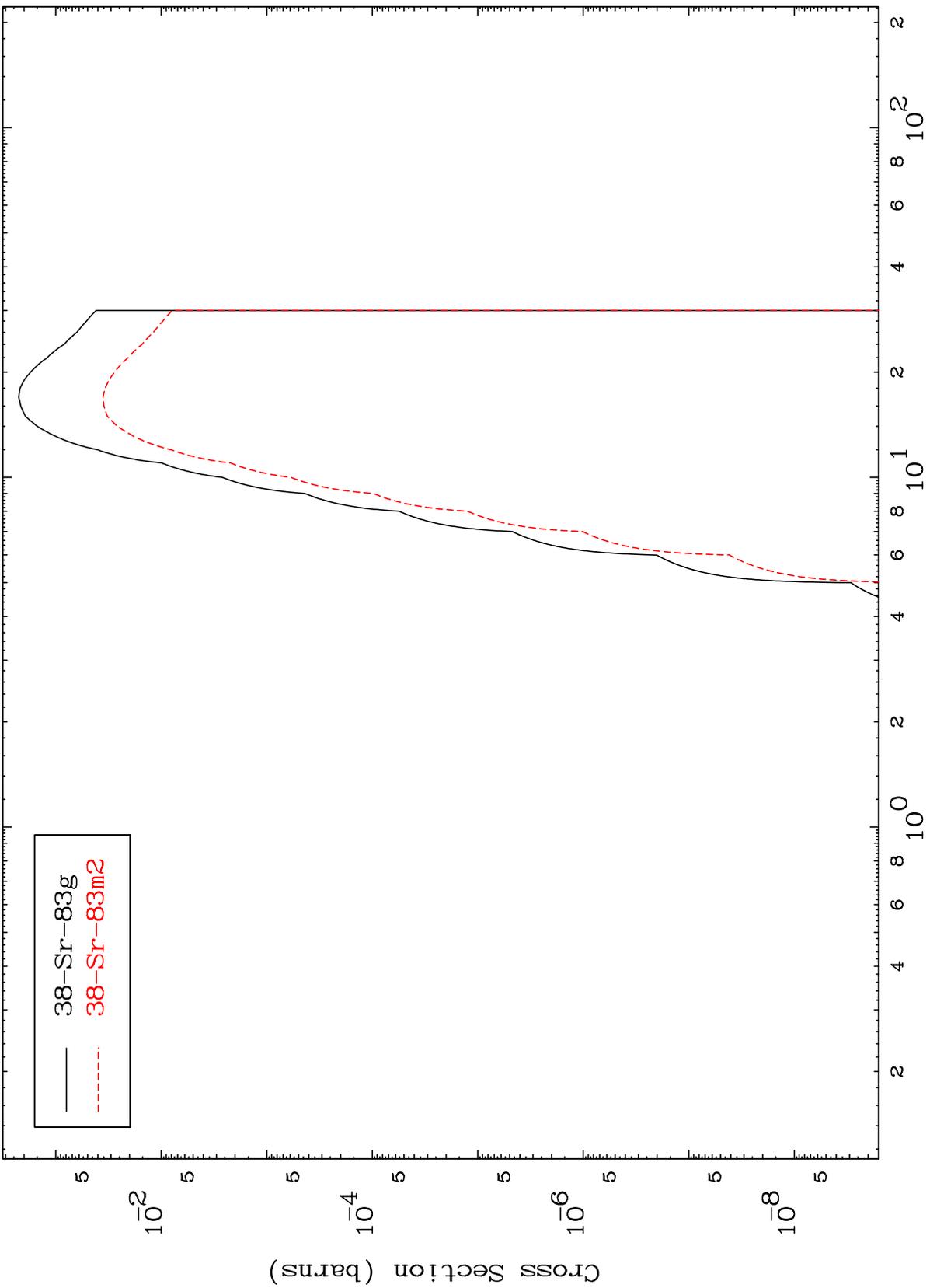
37-Rb-82m

MAT 3717

(n,n') p

37-Rb-82m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

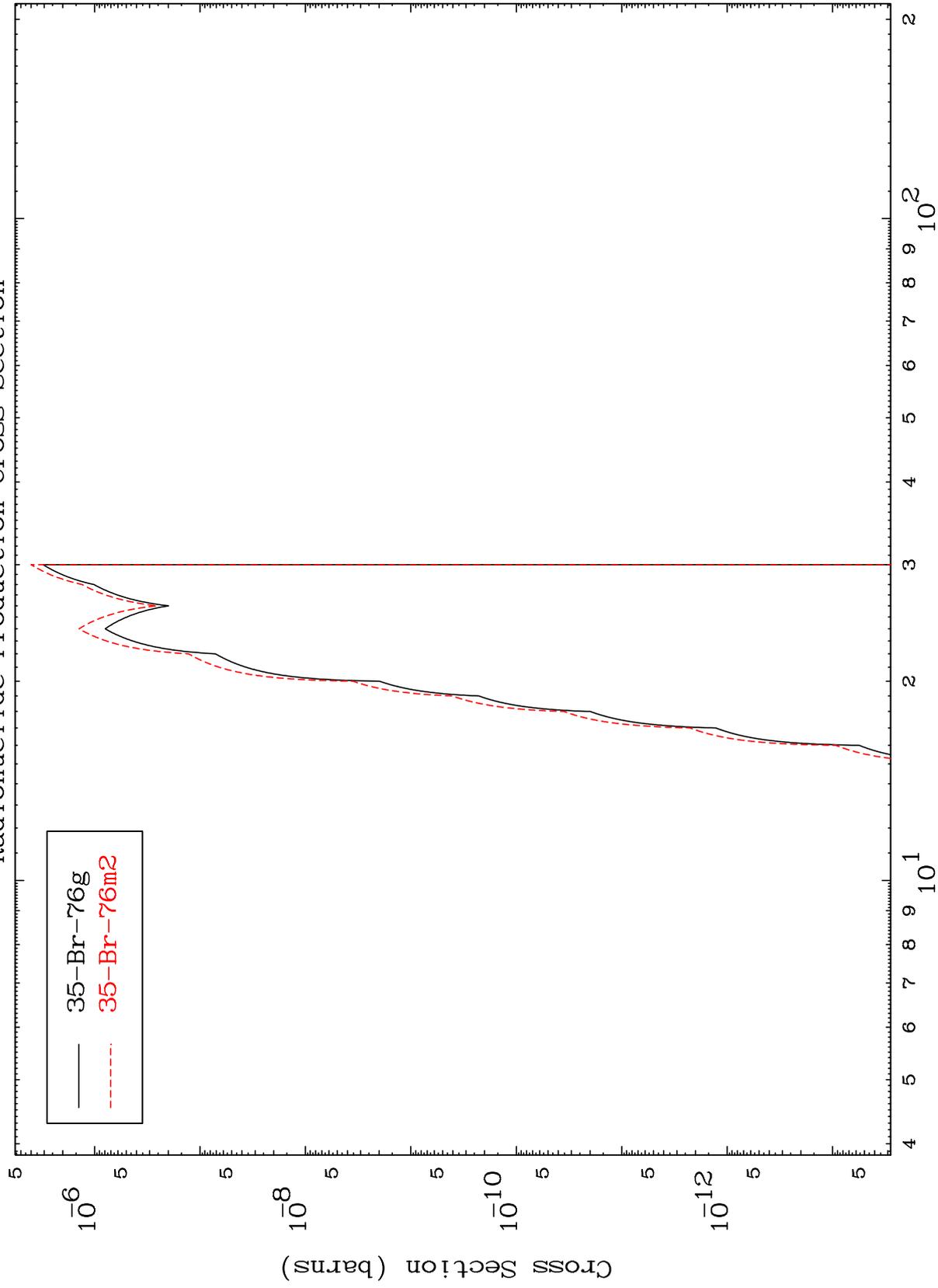
37-Rb-82m

MAT 3717

(n,n') 2α

37-Rb-82m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

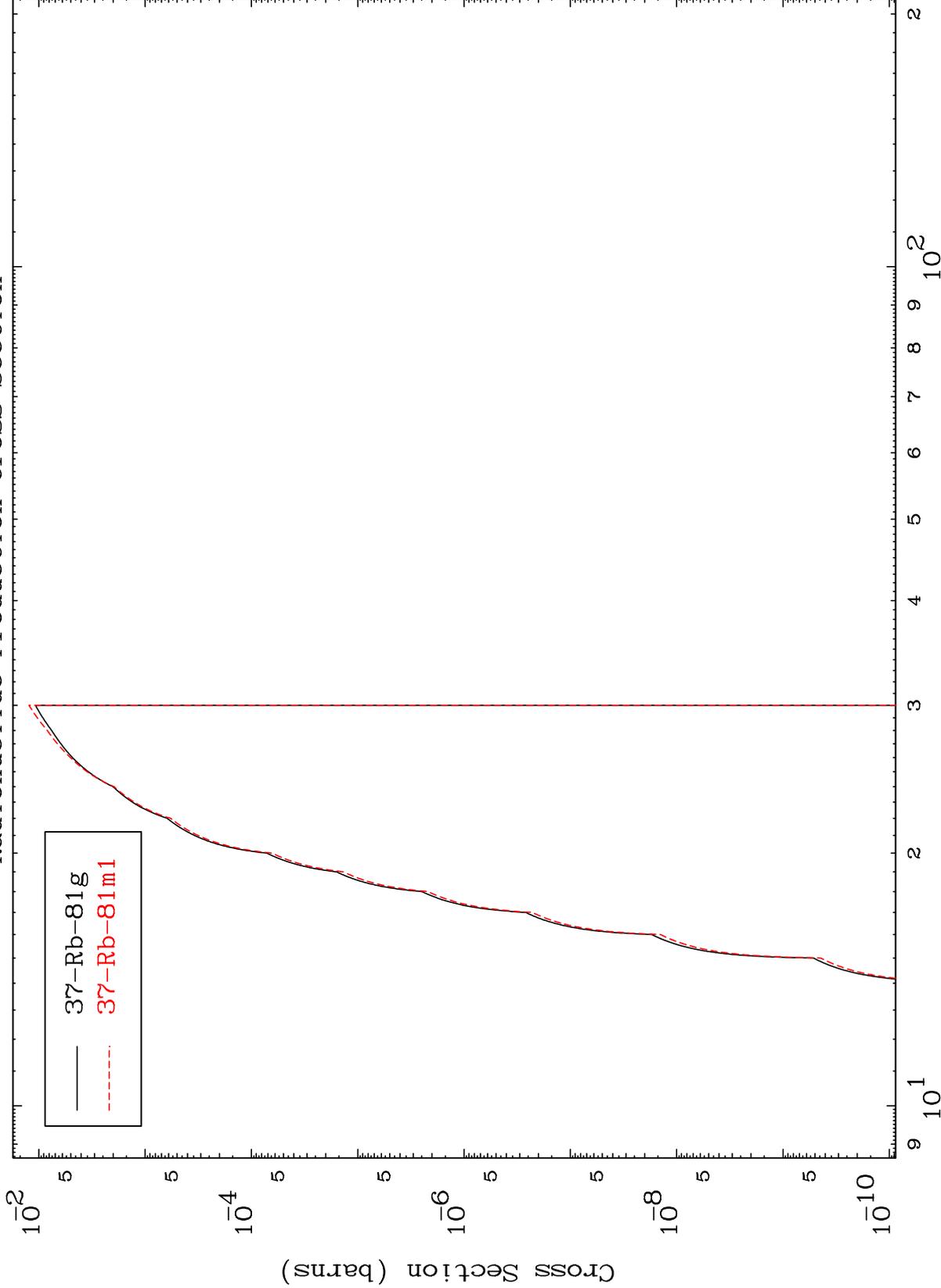
37-Rb-82m

MAT 3717

(n,n') He-3

37-Rb-82m

Radionuclide Production Cross Section



Legend:  
— 37-Rb-81g  
- - - 37-Rb-81m1

16

Incident Energy (MeV)

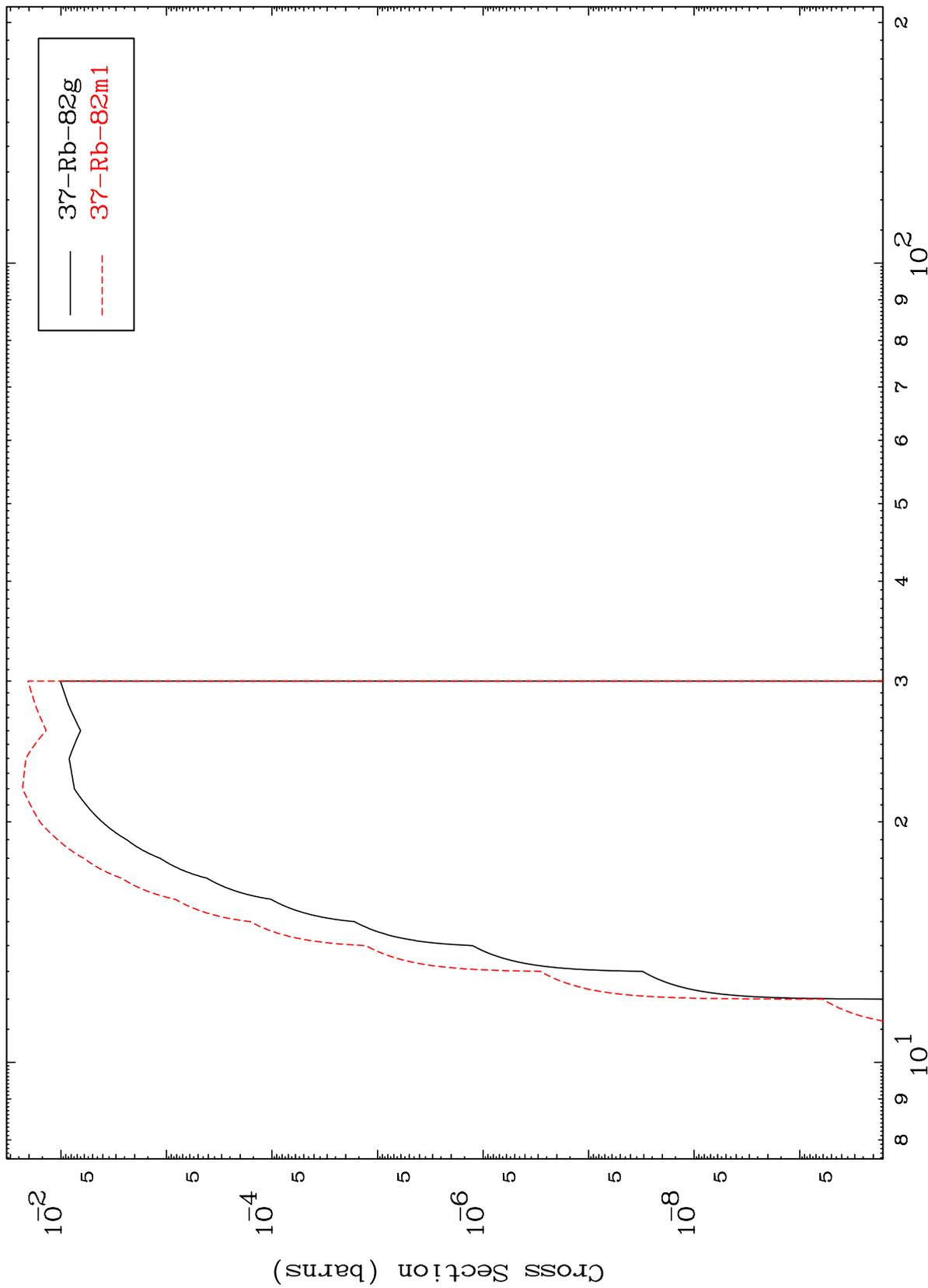
37-Rb-82m

MAT 3717

$(n,2n)$  p

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

Radionuclide Production Cross Section



17

Incident Energy (MeV)

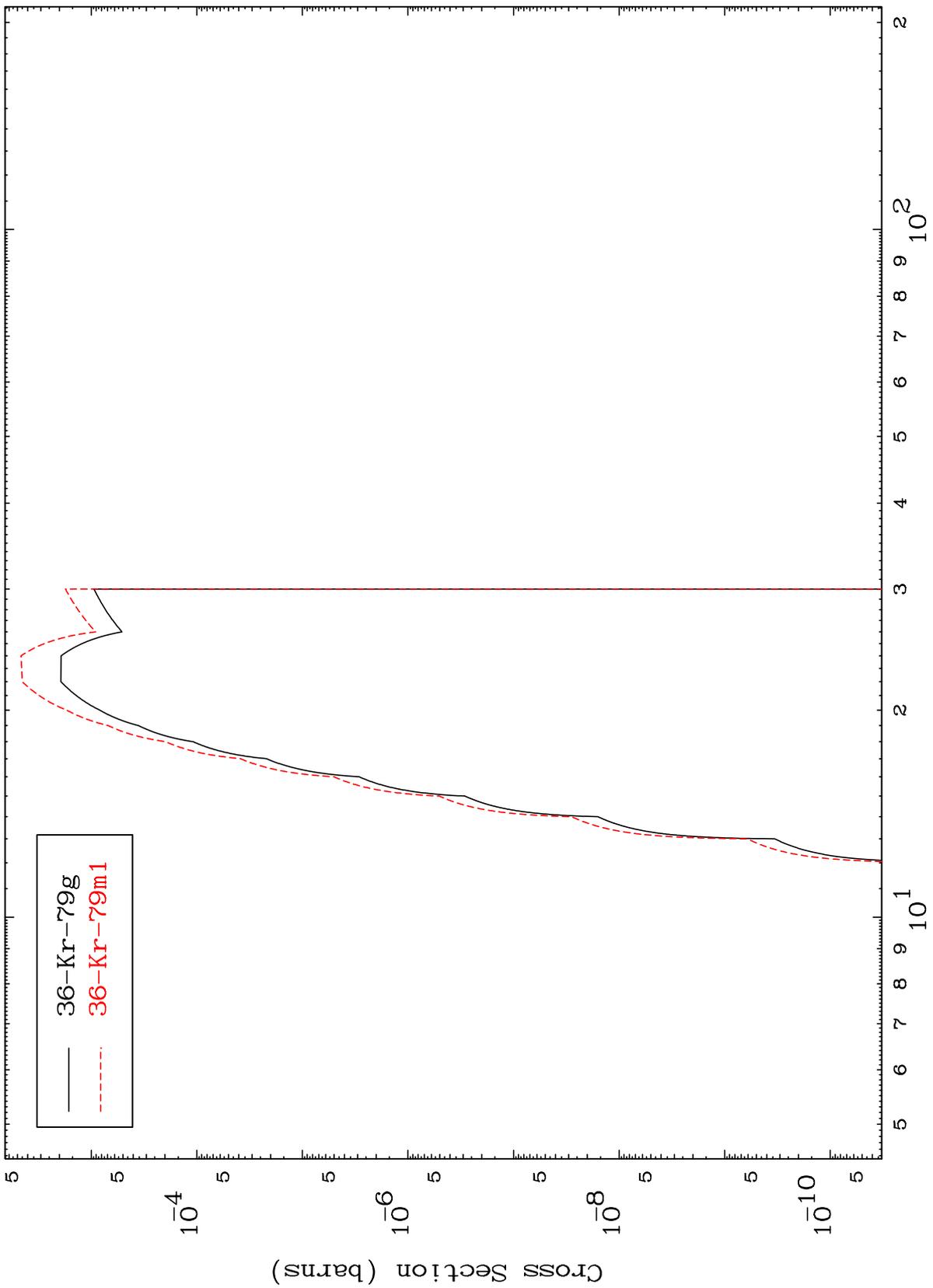
$^{37}\text{Rb-82m}$

MAT 3717

(n,n') p  $\alpha$

37-Rb-82m

Radionuclide Production Cross Section



18

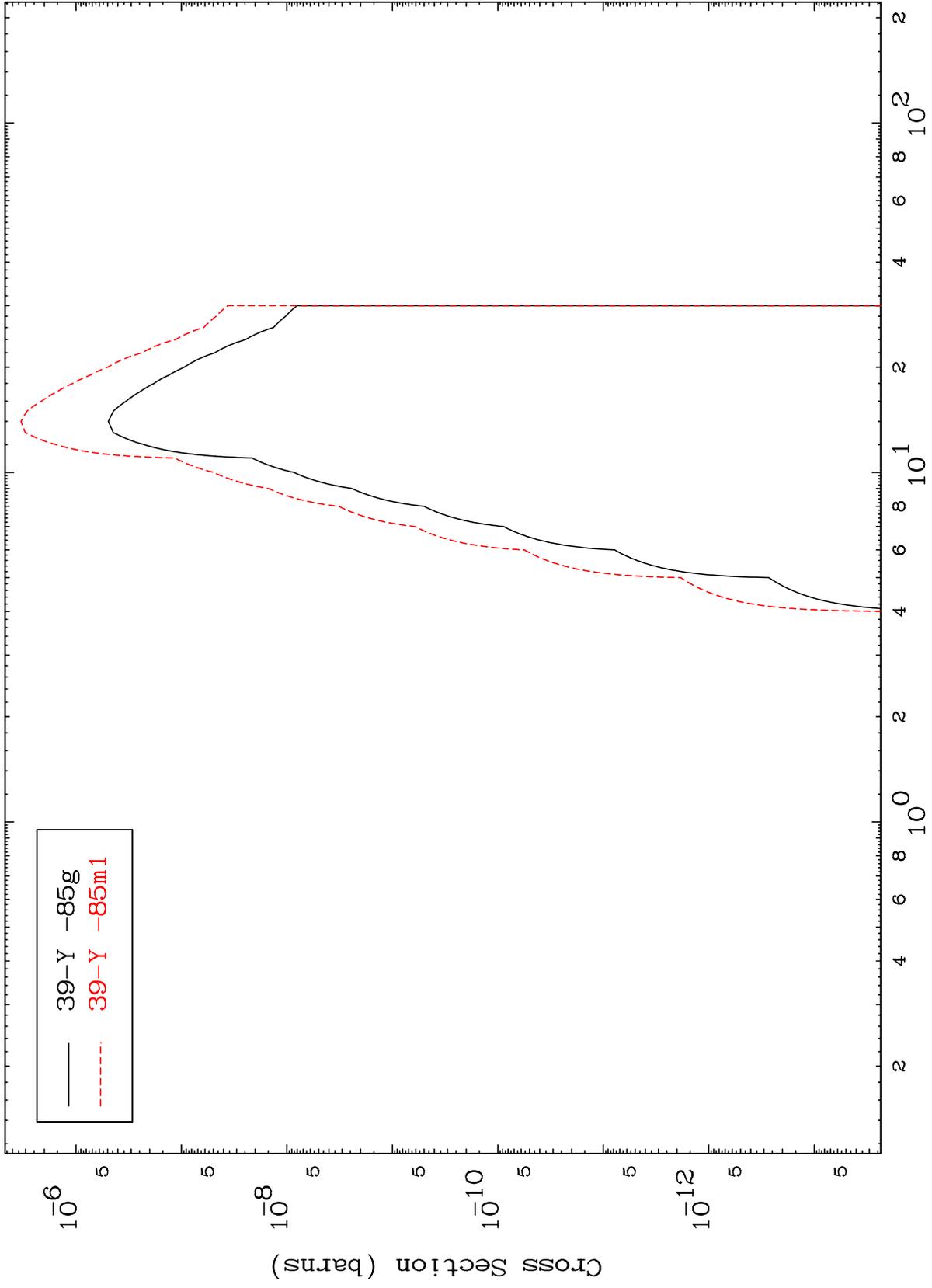
Incident Energy (MeV)

37-Rb-82m

MAT 3717

37-Rb-82m

(n,  $\gamma$ )  
Radionuclide Production Cross Section



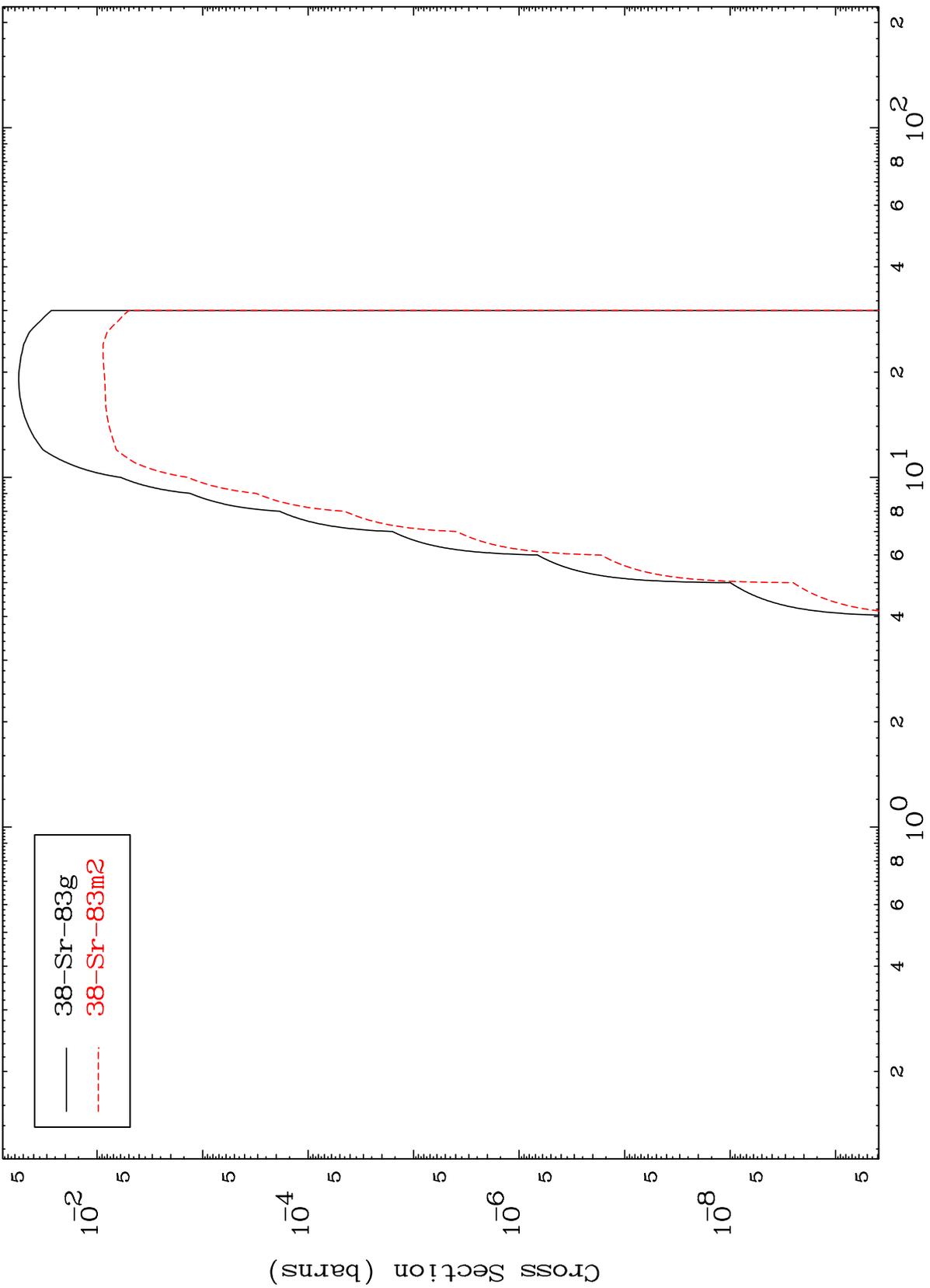
— 39-Y -85g  
- - - 39-Y -85m1

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(n,d)

37-Rb-82m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

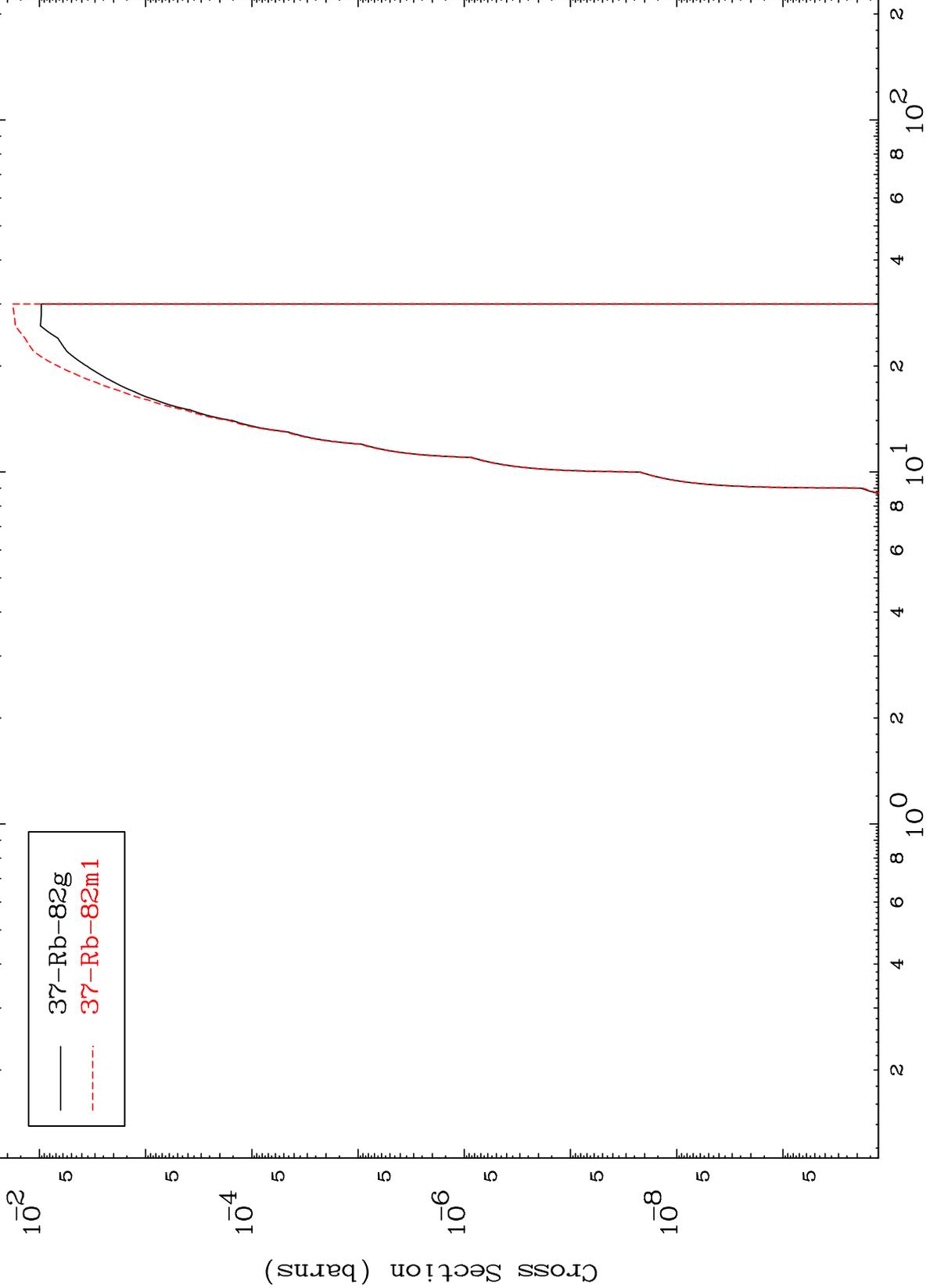
37-Rb-82m

MAT 3717

(n,He-3)

37-Rb-82m

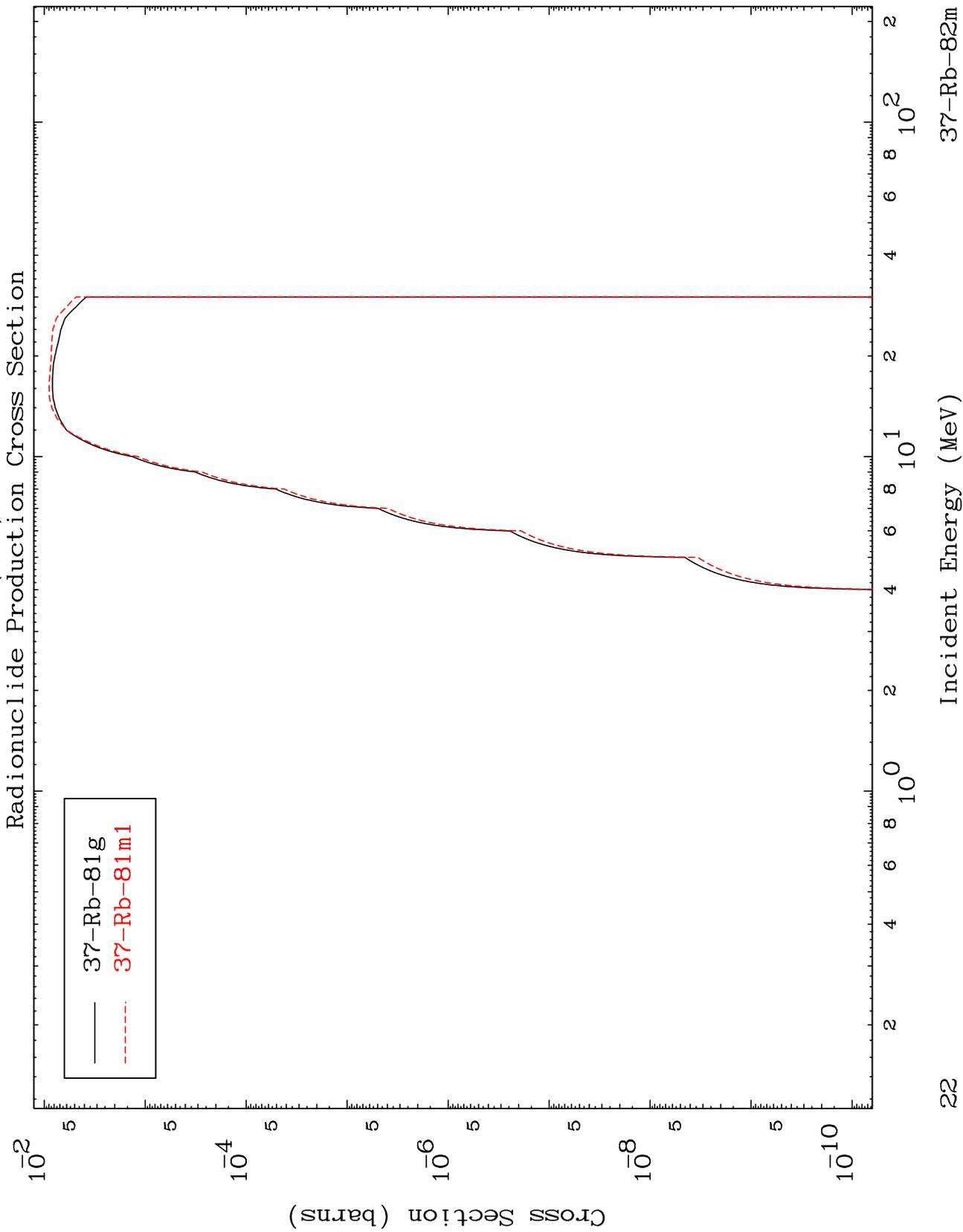
Radionuclide Production Cross Section



Legend:  
— 37-Rb-82g  
- - - 37-Rb-82m1

MAT 3717

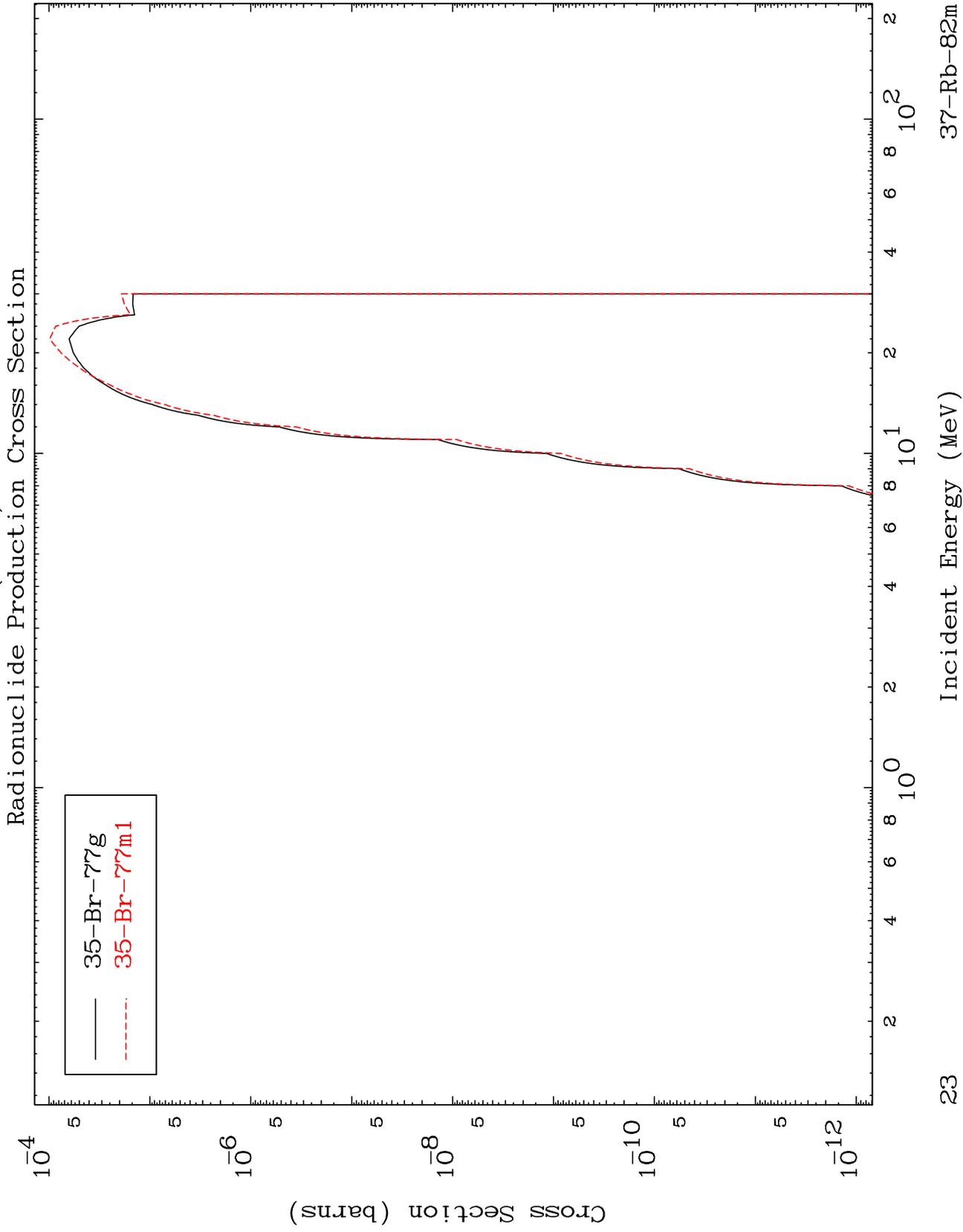
37-Rb-82m



MAT 3717

(n,2α)

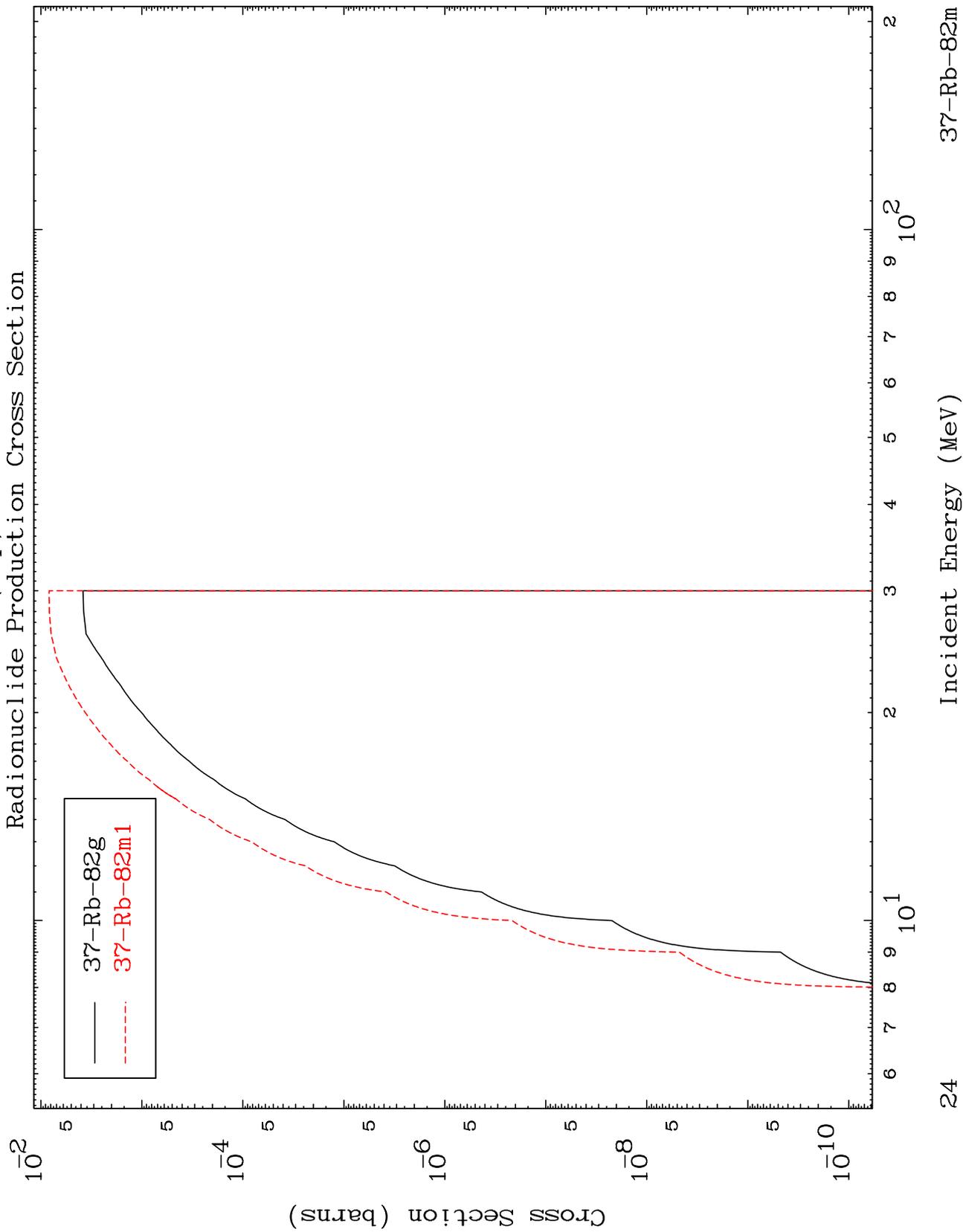
37-Rb-82m



MAT 3717

(n,p) d

37-Rb-82m



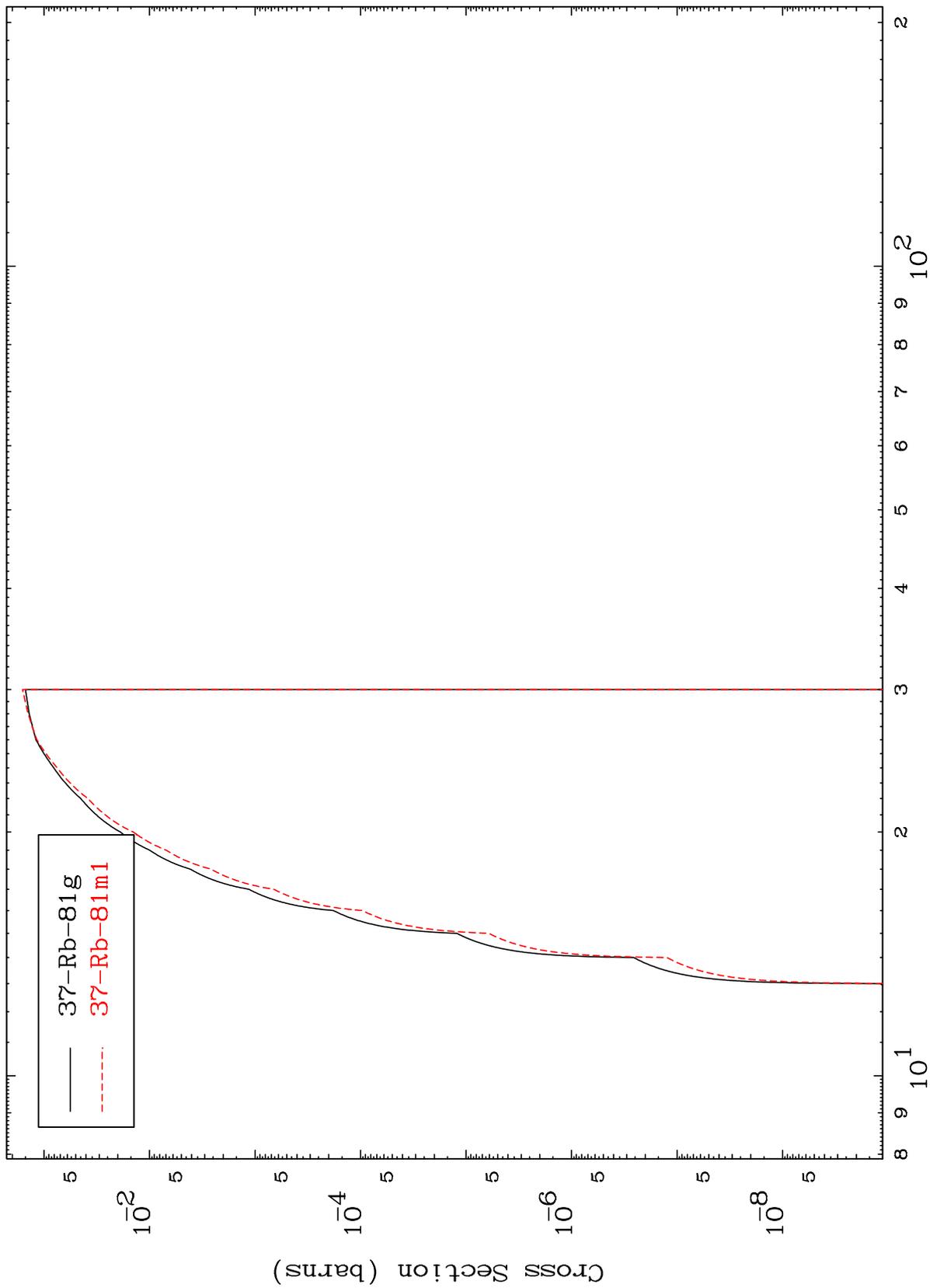
24

MAT 3717

(n,p) t

37-Rb-82m

Radionuclide Production Cross Section



25

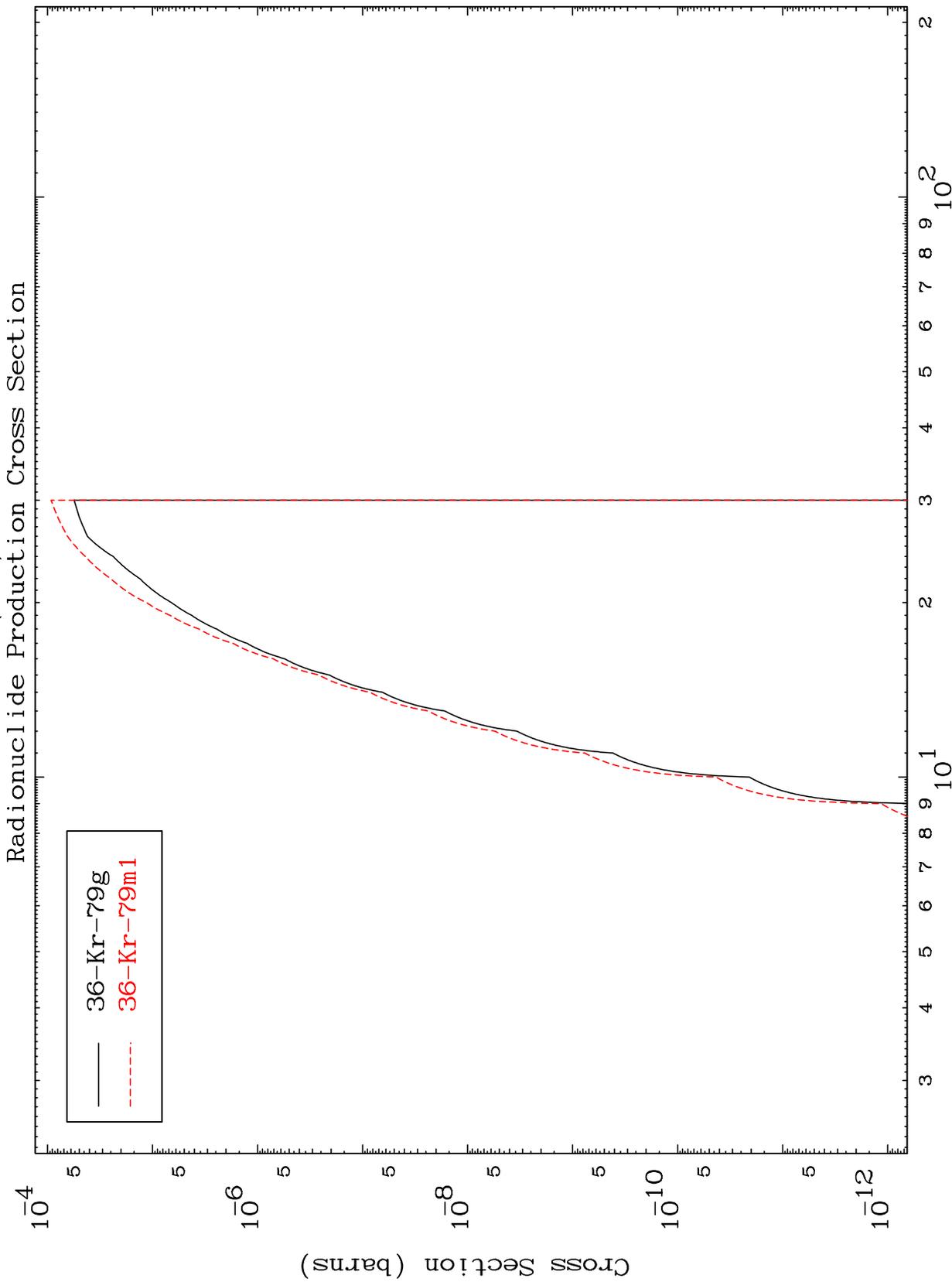
Incident Energy (MeV)

37-Rb-82m

MAT 3717

(n,d)  $\alpha$

37-Rb-82m



26

Incident Energy (MeV)

37-Rb-82m