

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

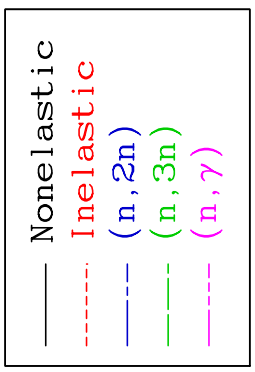
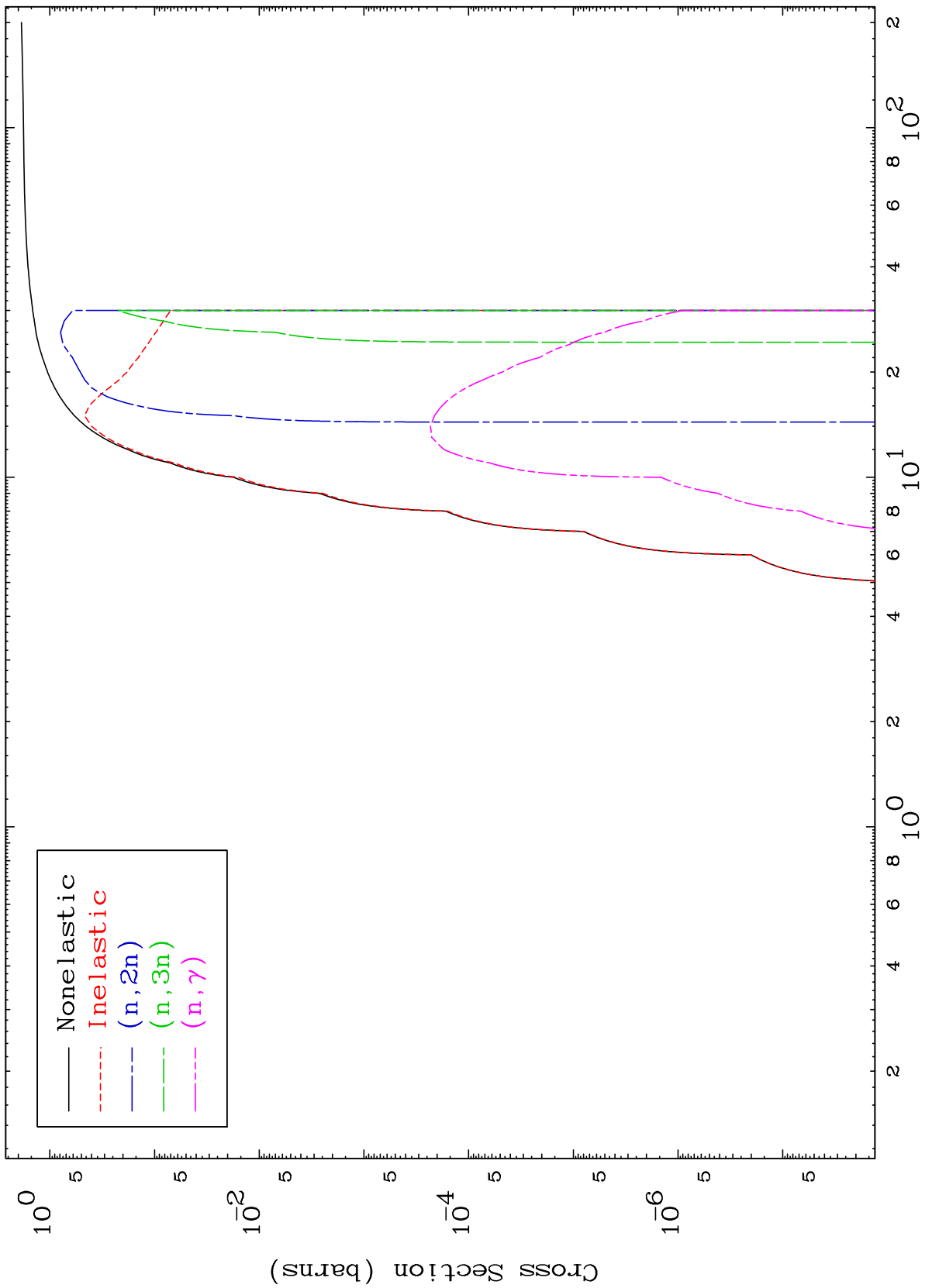
Press Mouse Button to Start

MAT 3723

$\alpha$  Major

37-Rb-84m

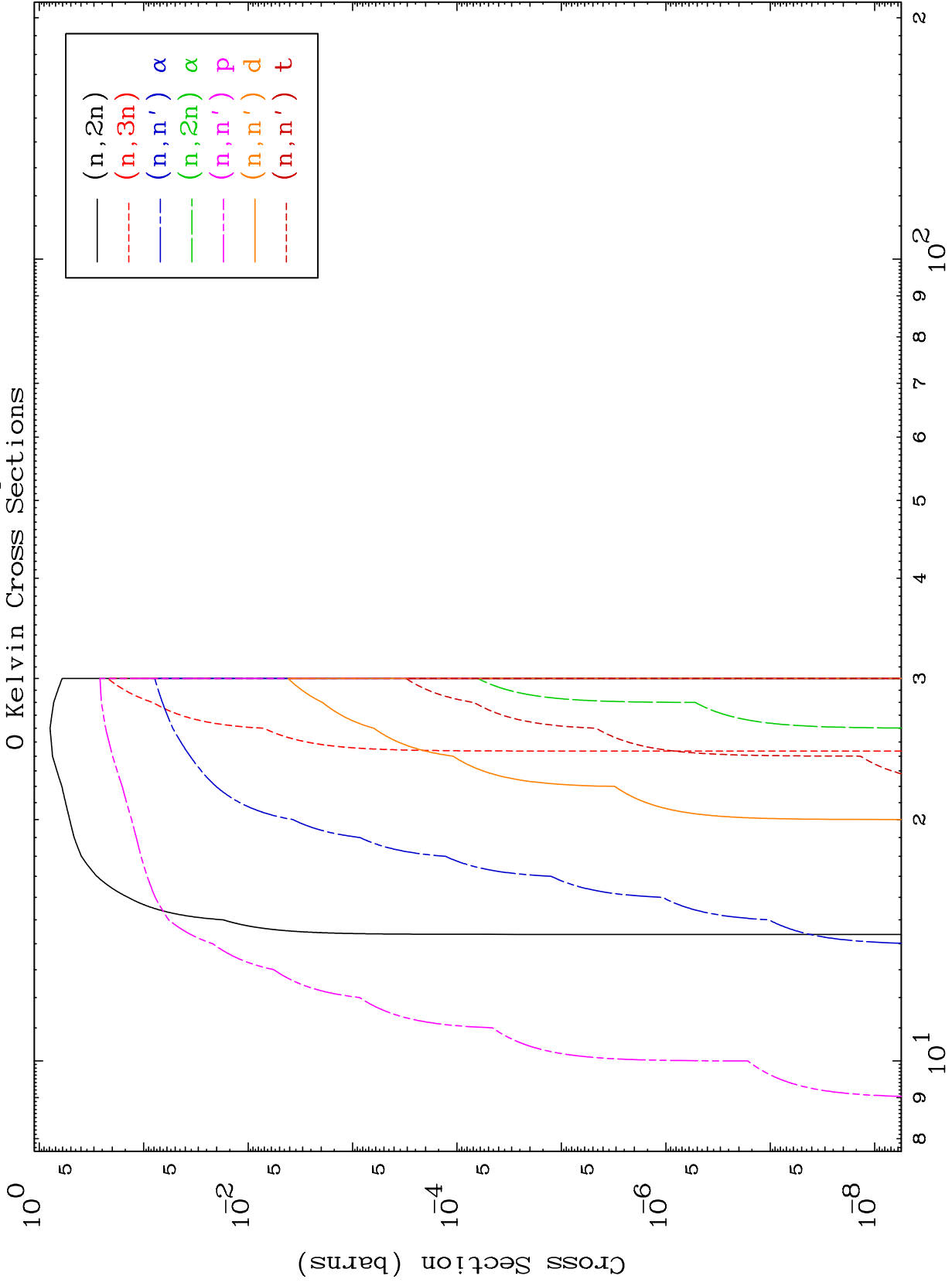
0 Kelvin Cross Sections



MAT 3723

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

37-Rb-84m



37-Rb-84m

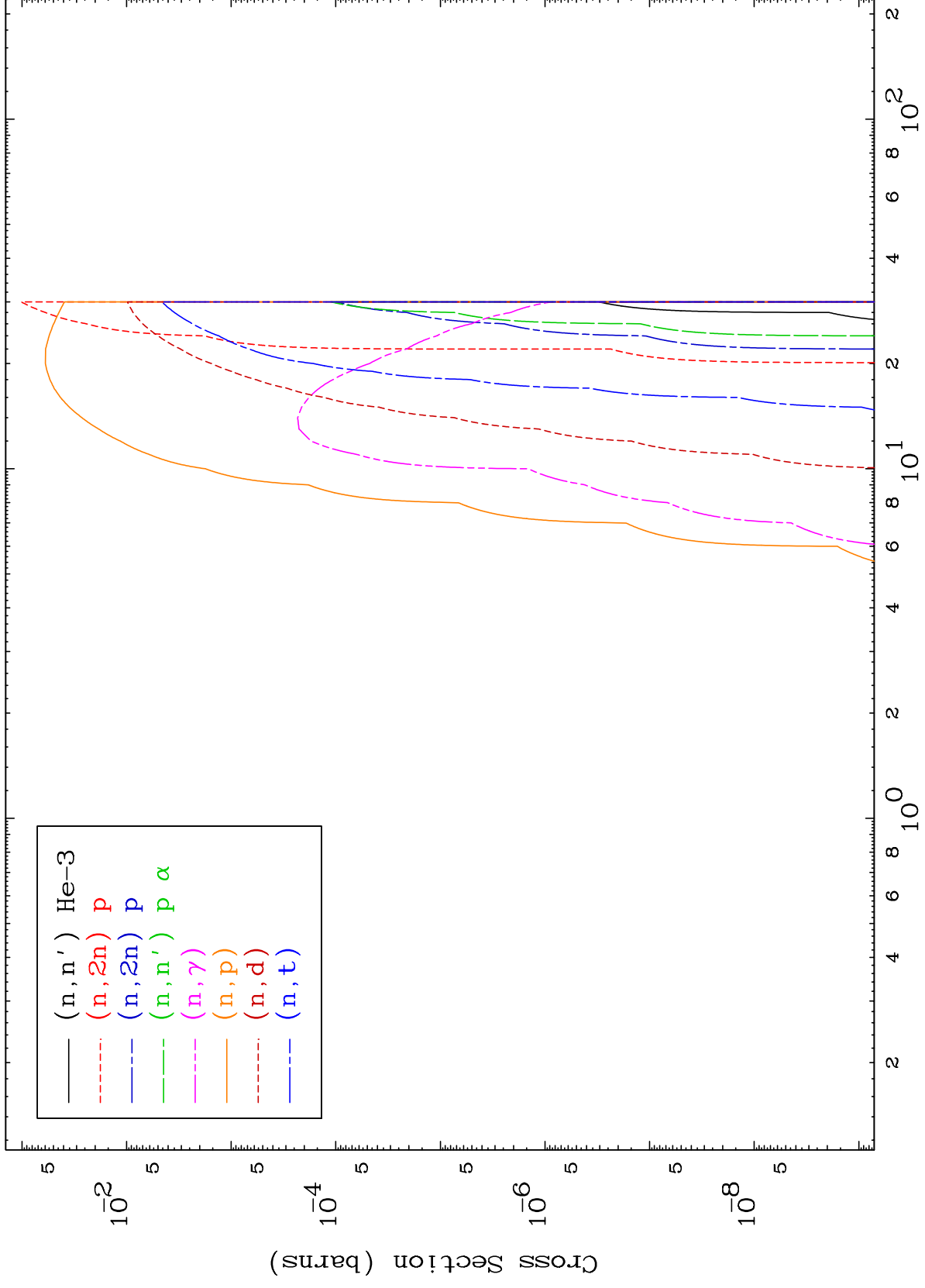
Incident Energy (MeV)

2

MAT 3723

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

37-Rb-84m



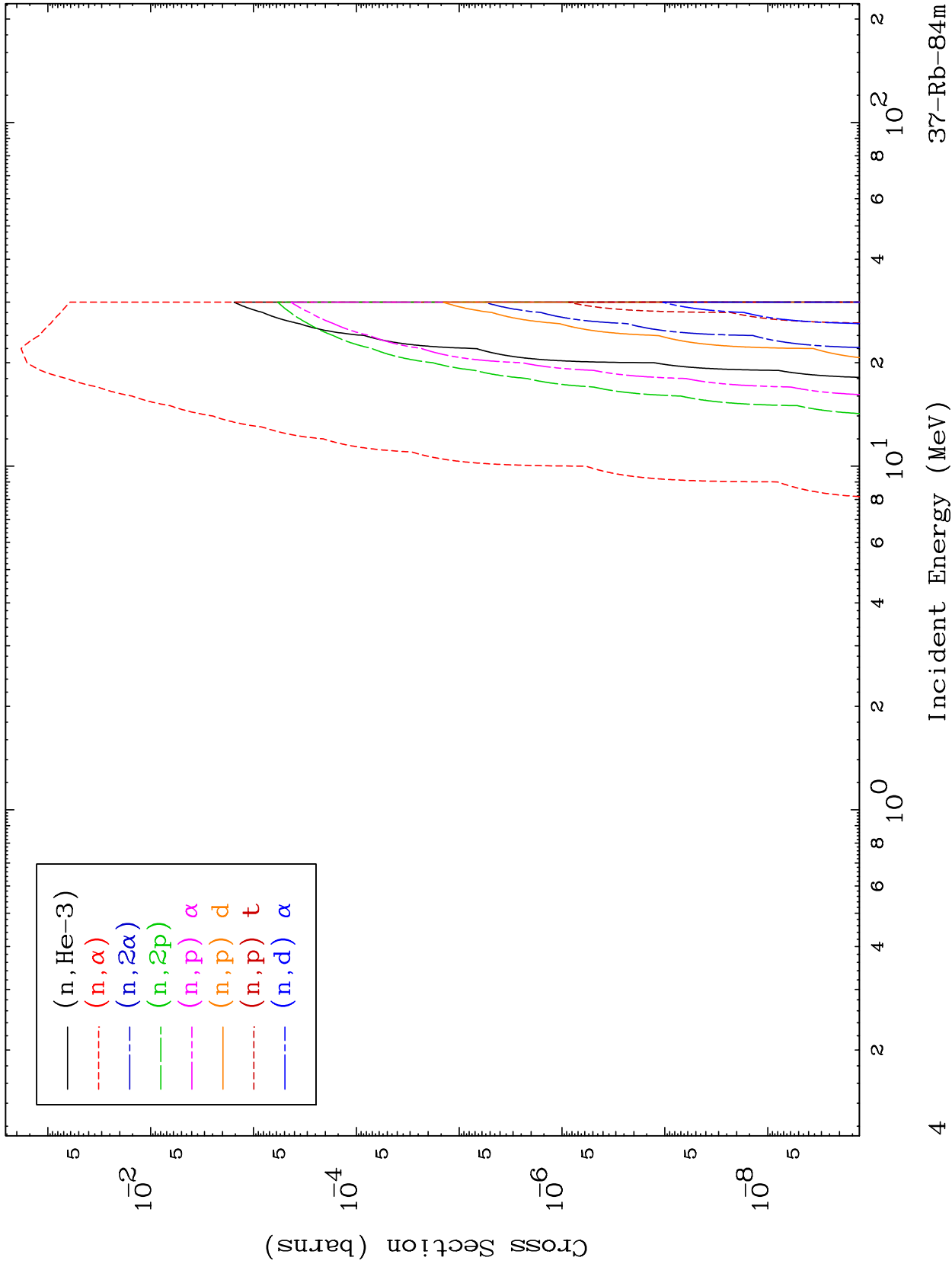
Incident Energy (MeV)

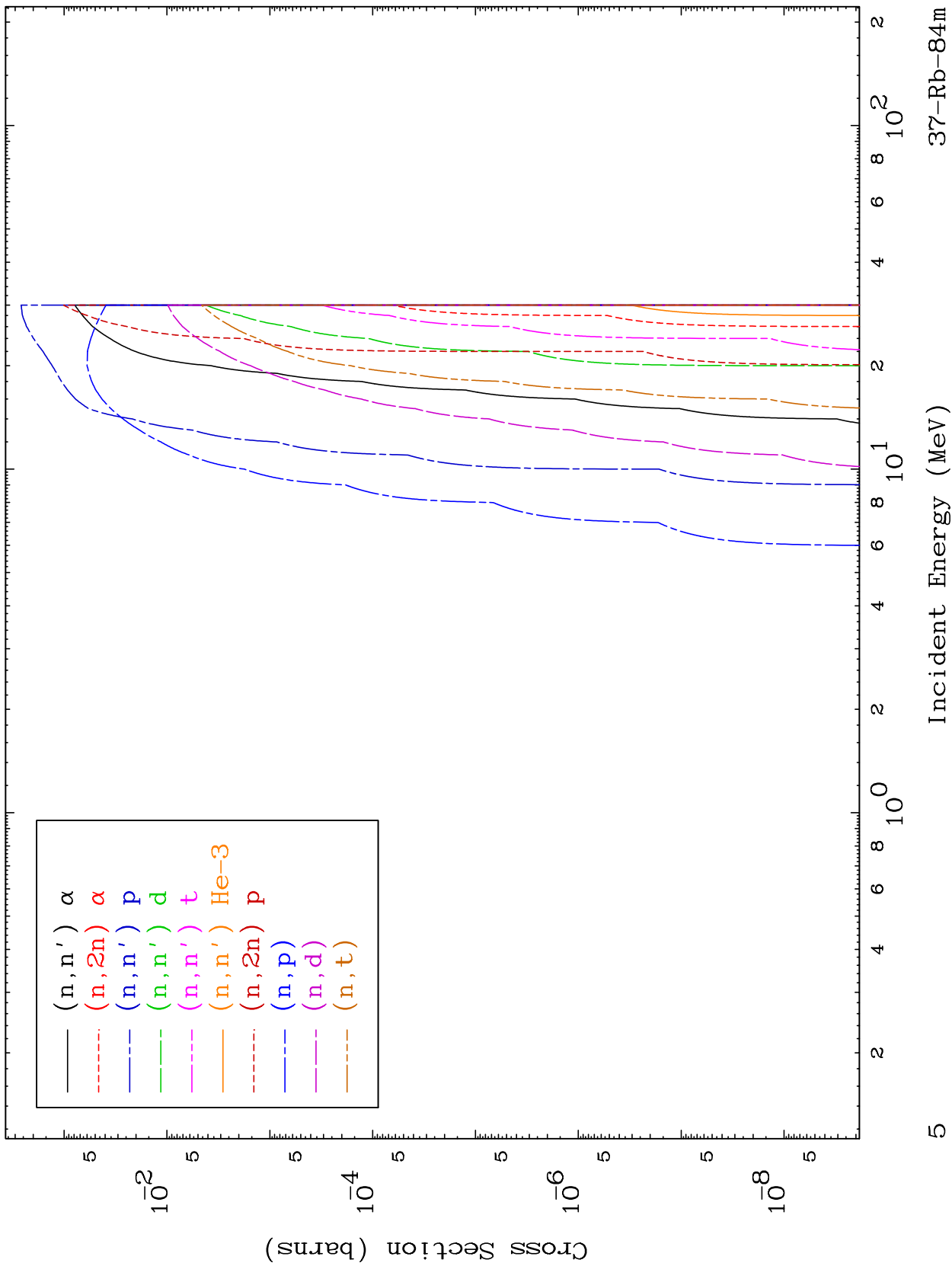
37-Rb-84m

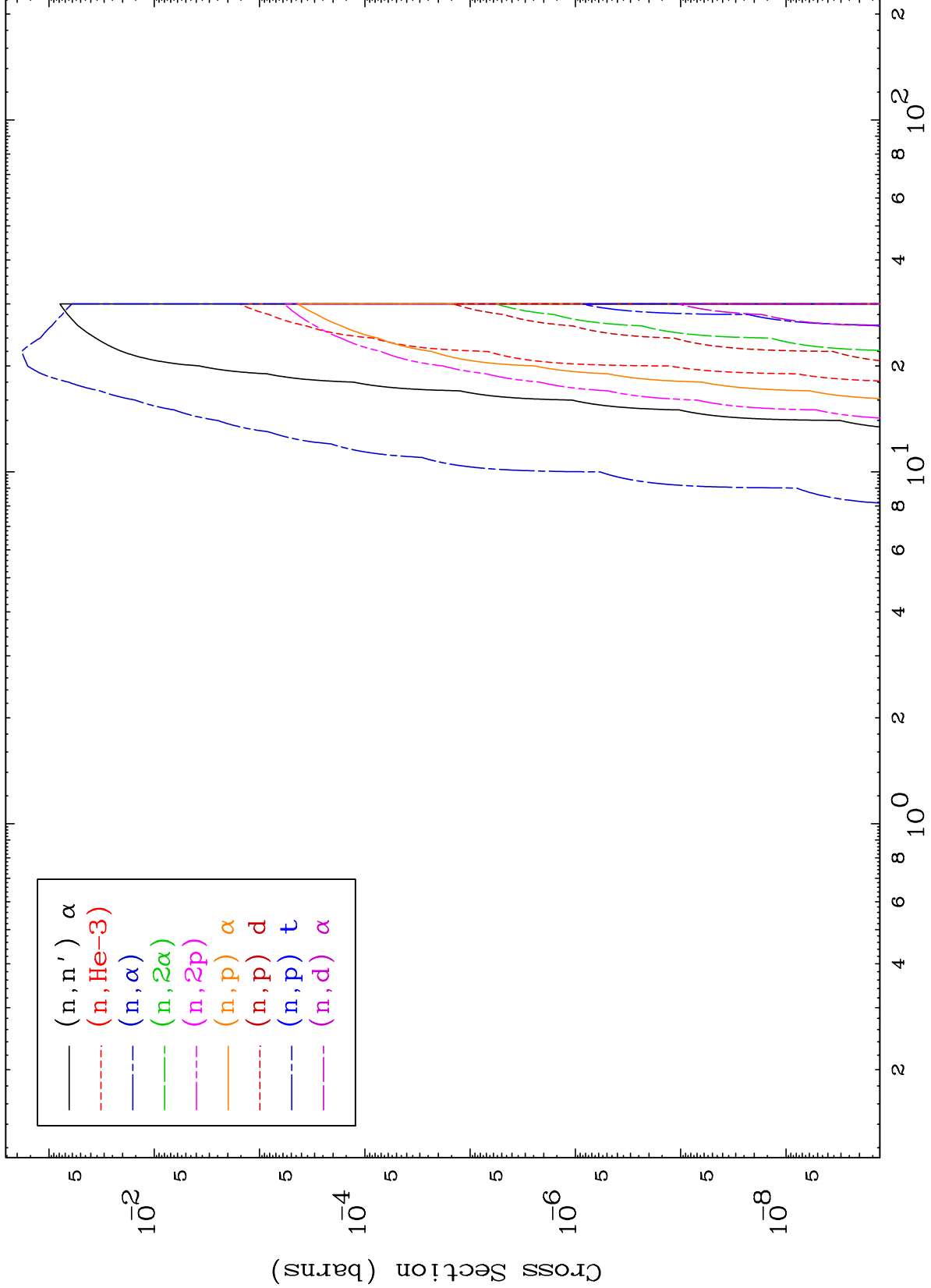
MAT 3723

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

<sup>37</sup>Rb-84m





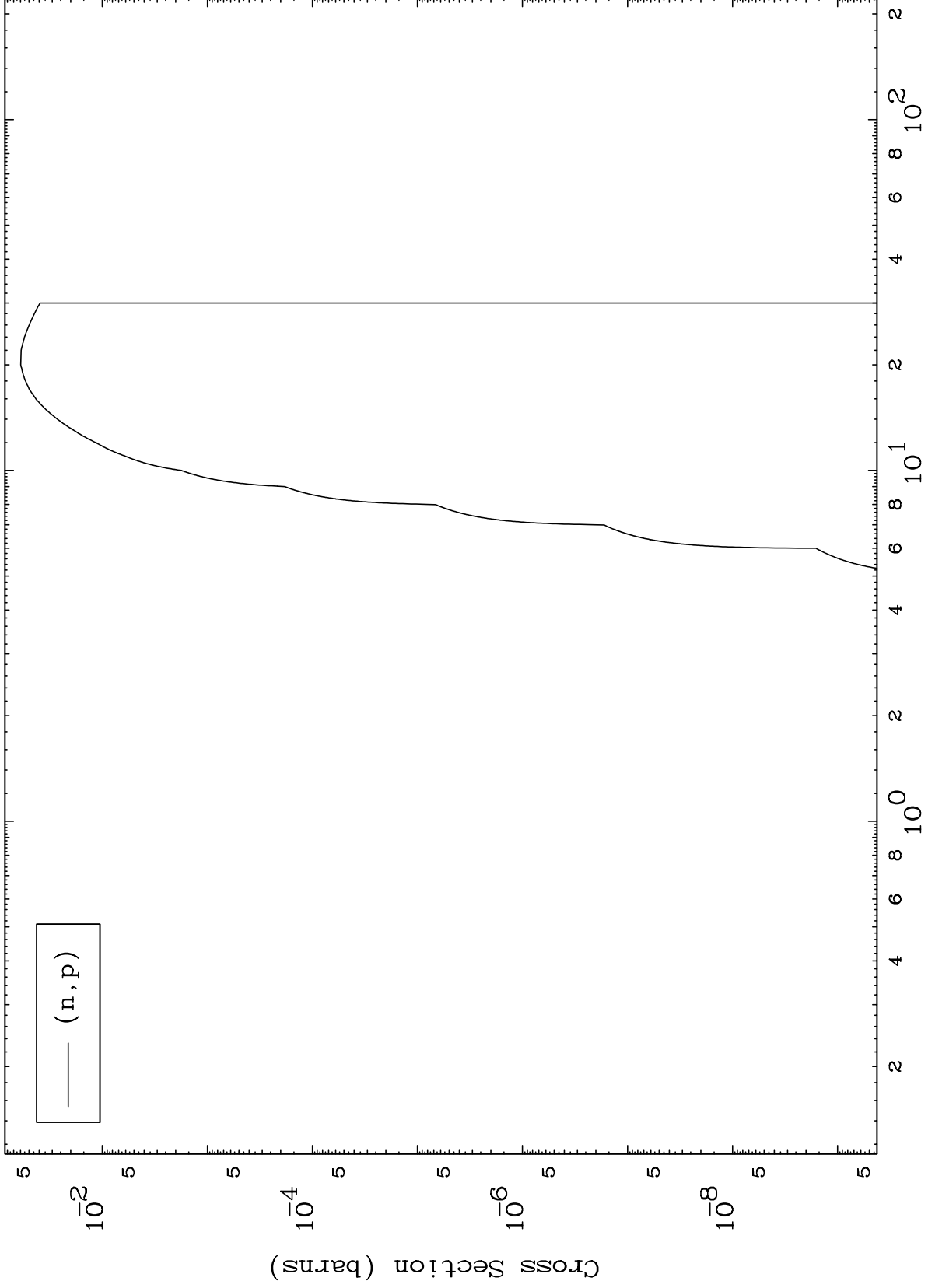


MAT 3723

( $\alpha, p$ ) Levels

37-Rb-84m

0 Kelvin Cross Sections



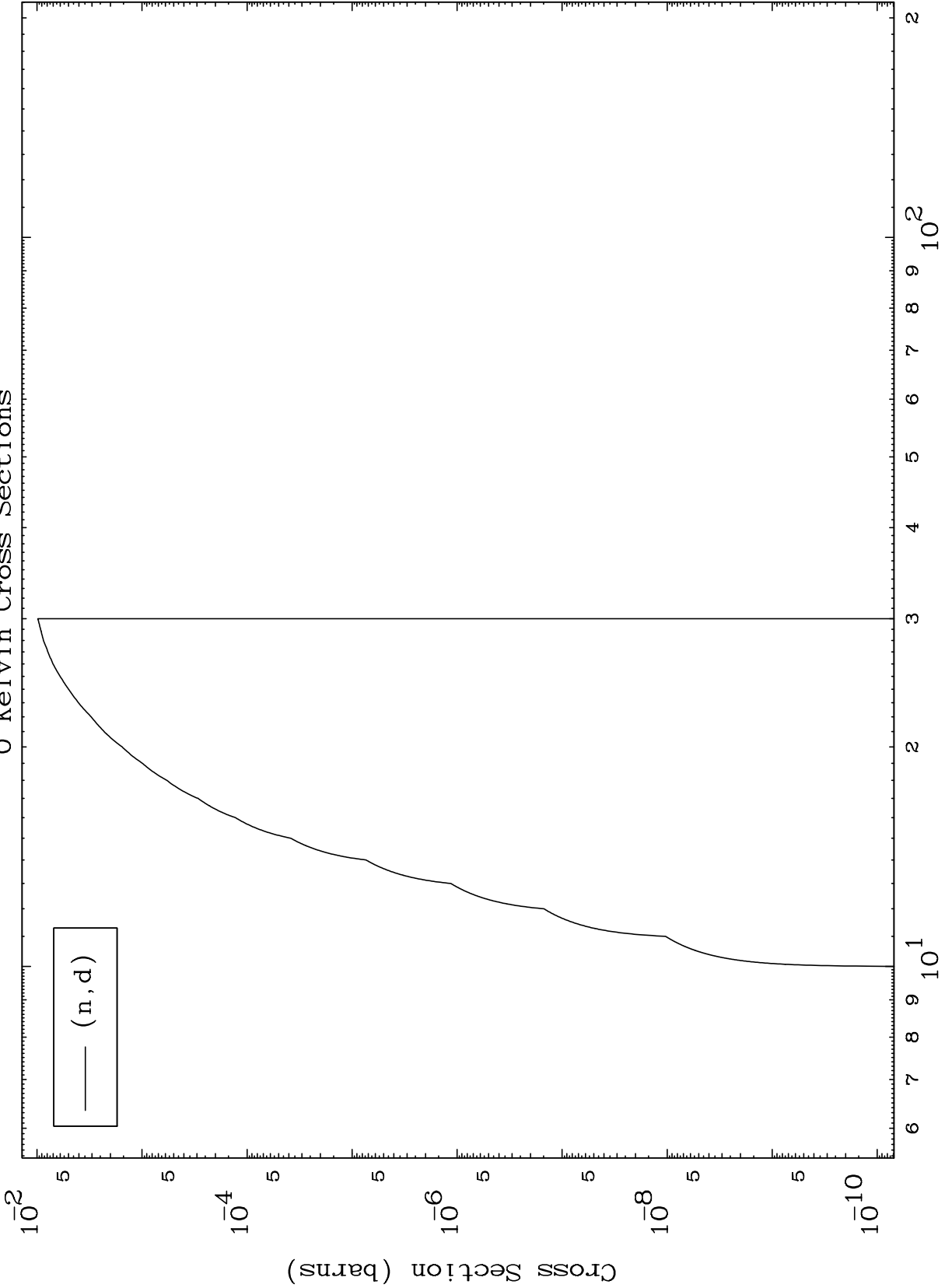


MAT 3723

( $\alpha, d$ ) Levels

37-Rb-84m

0 Kelvin Cross Sections

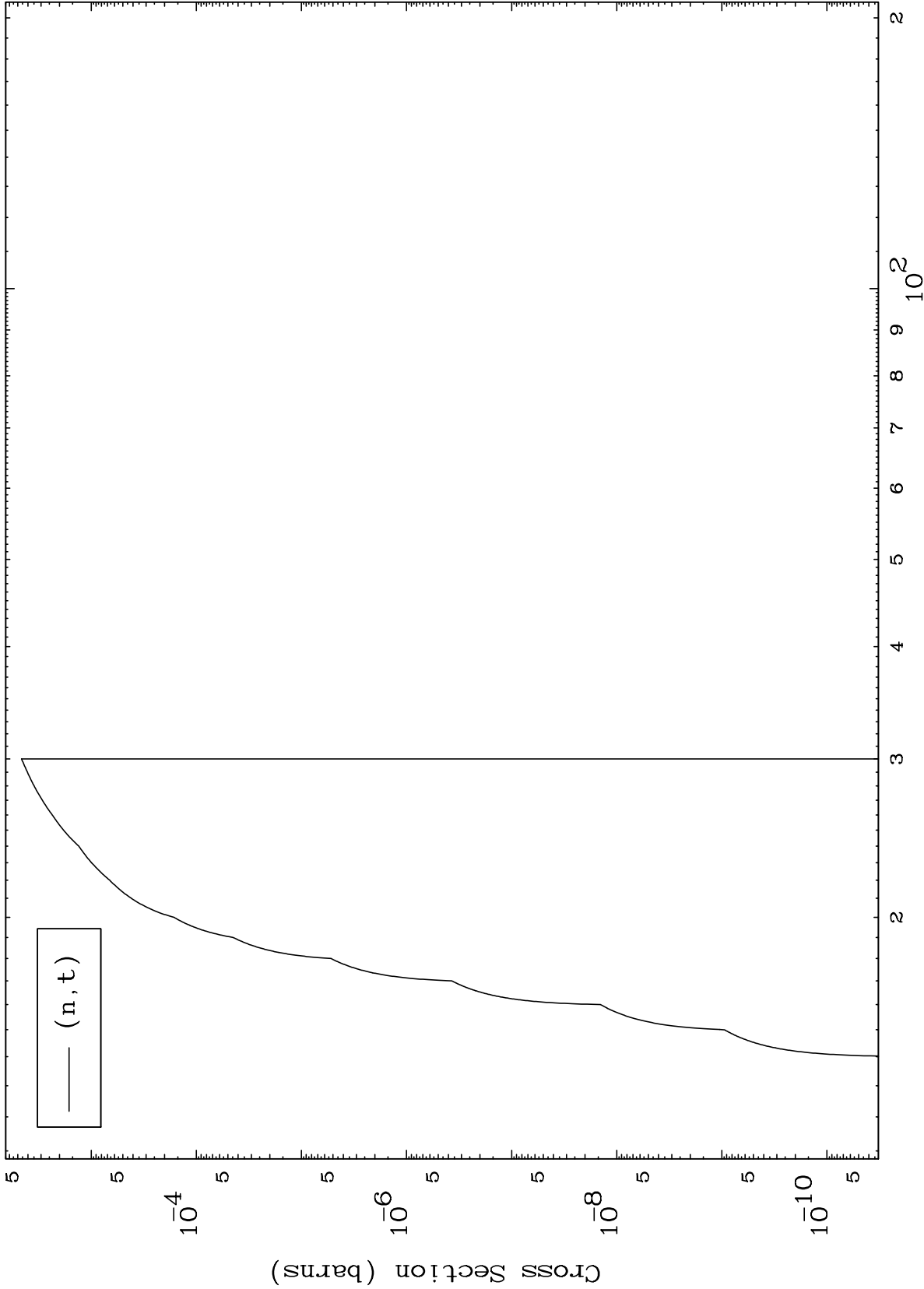


8

Incident Energy (MeV)

37-Rb-84m

0 Kelvin Cross Sections

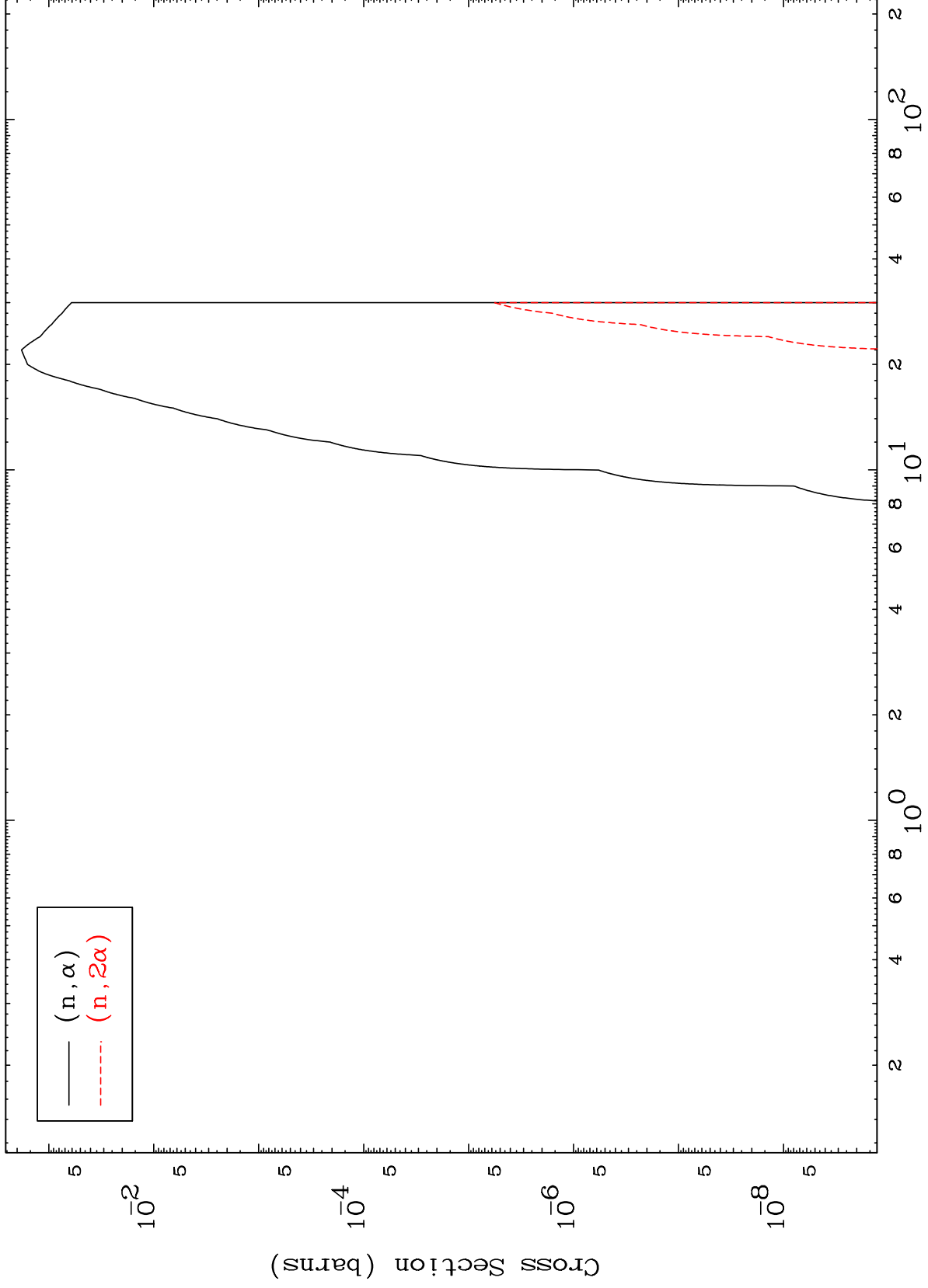




MAT 3723

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

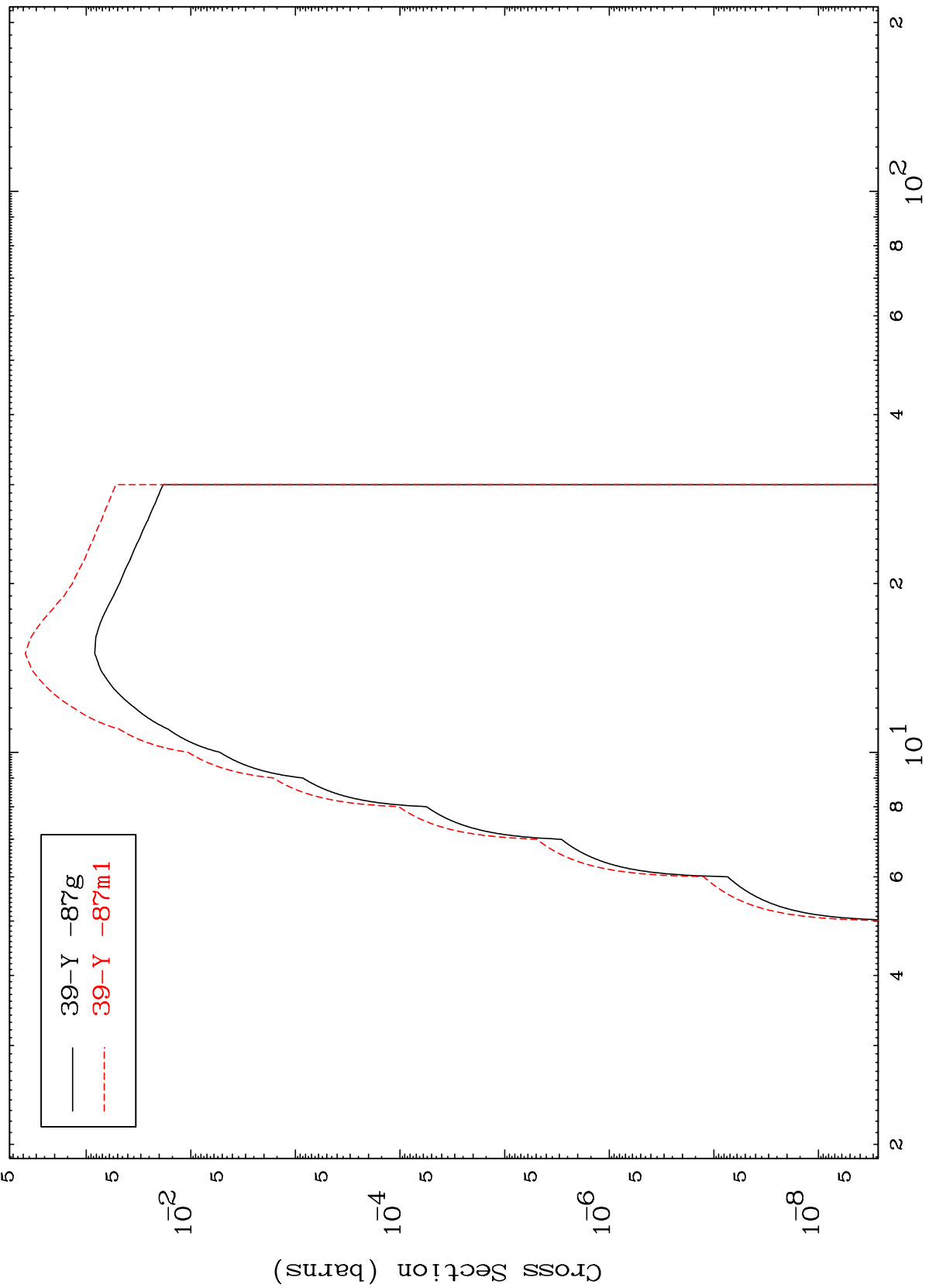
37-Rb-84m



MAT 3723

37-Rb-84m

### Radionuclide Production Cross Section



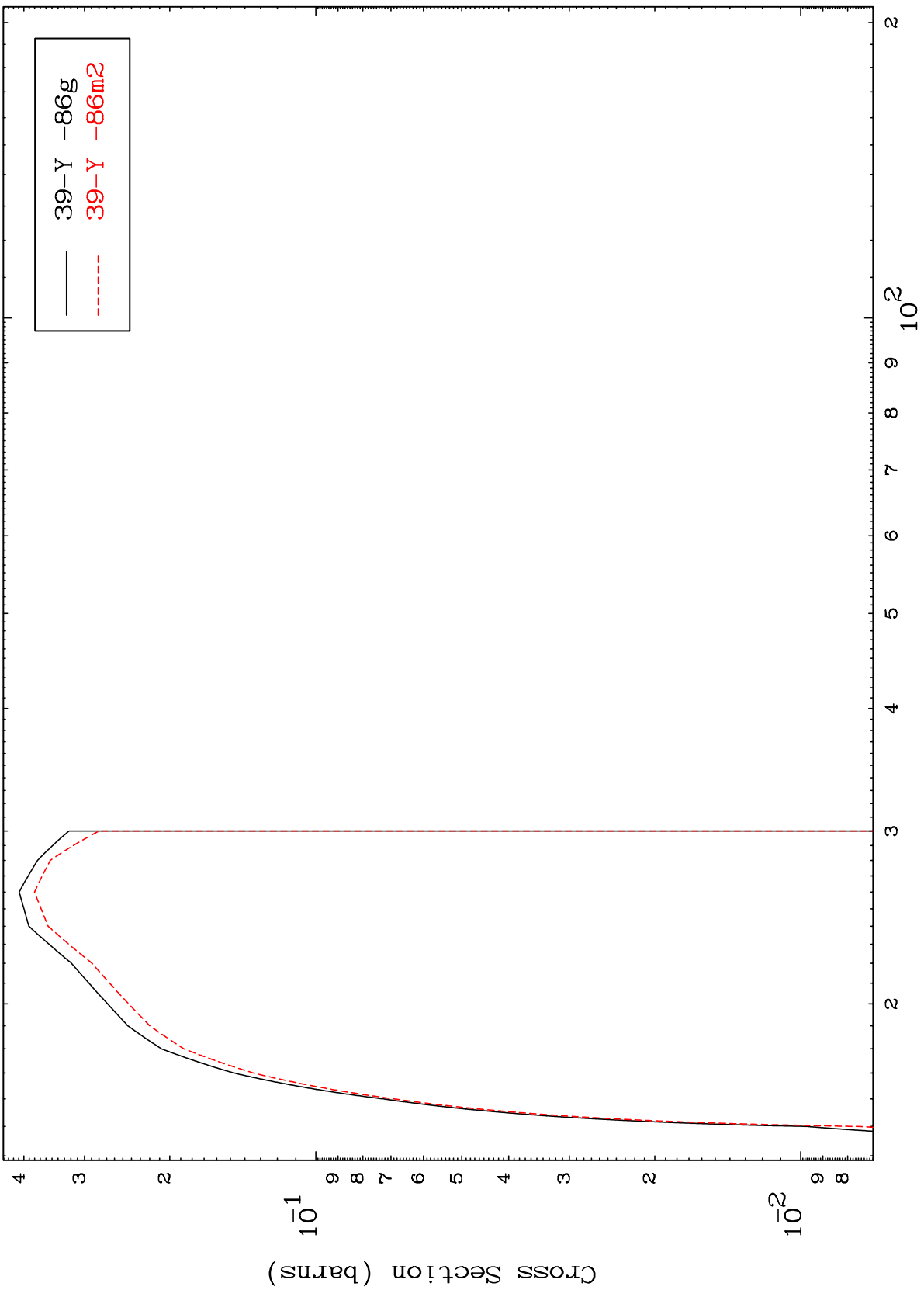
12

37-Rb-84m

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37-Rb-84m

(n,2n)  
Radionuclide Production Cross Section



13

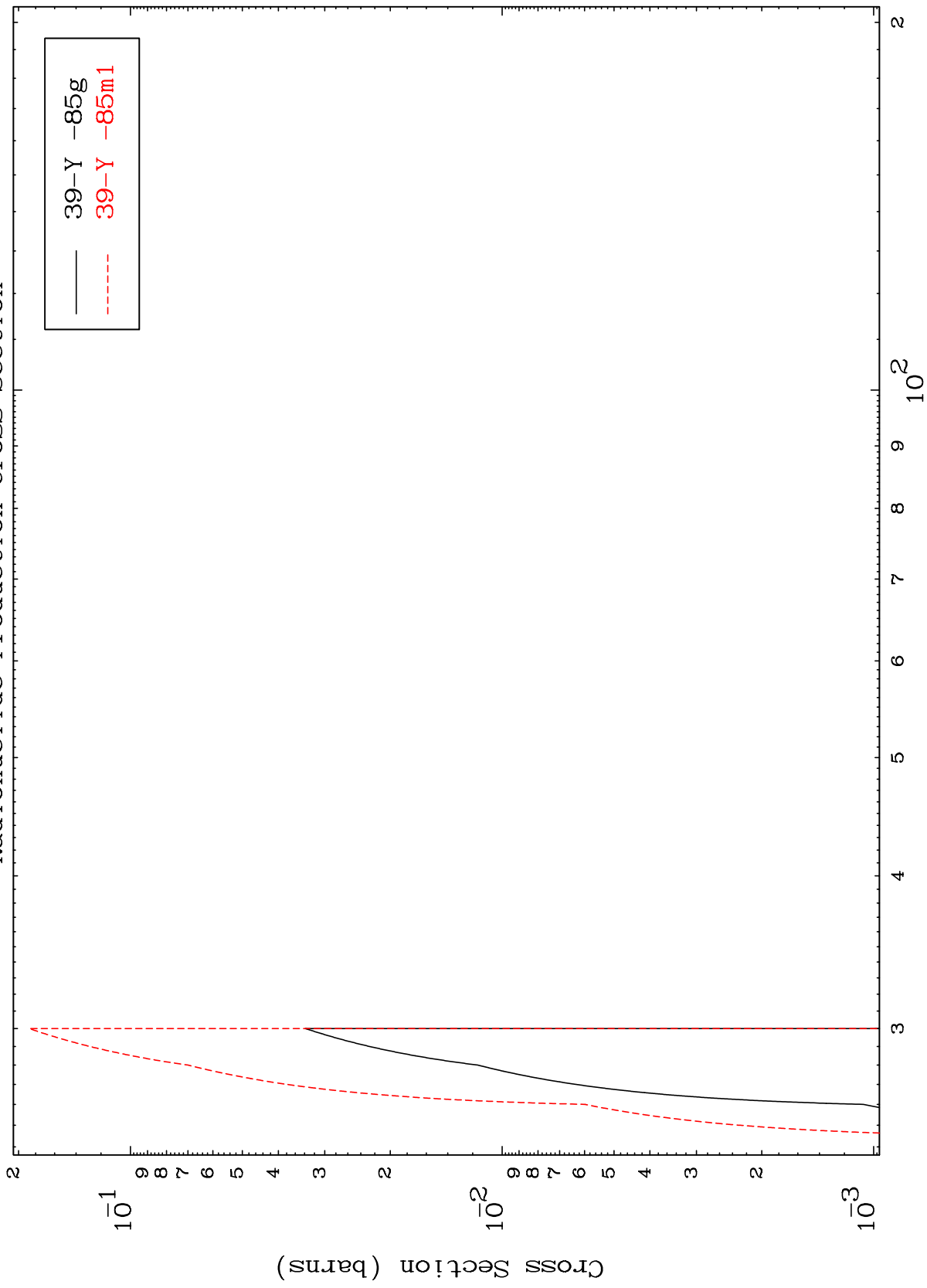
37-Rb-84m

Incident Energy (MeV)

MAT 3723

37-Rb-84m

(n,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

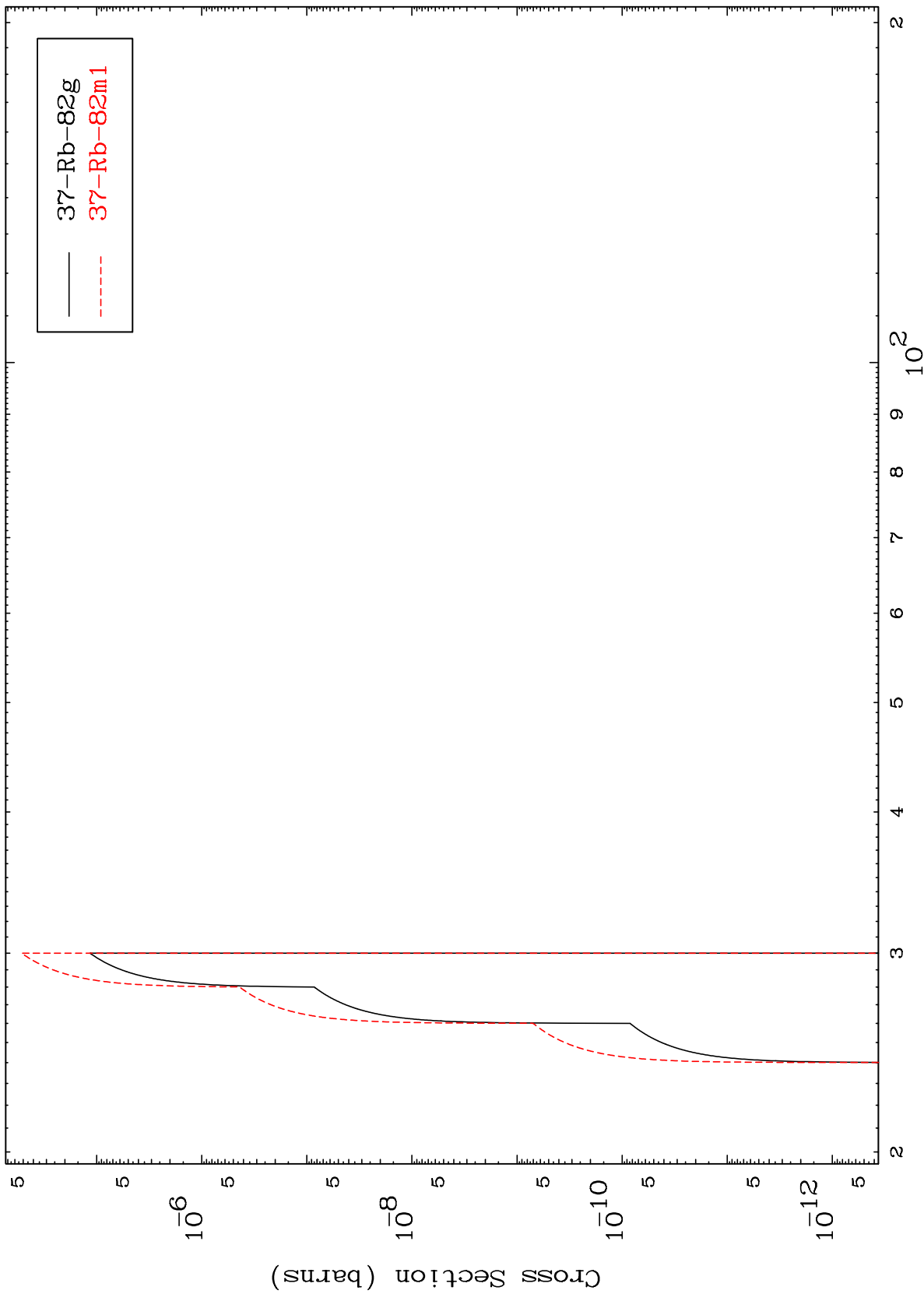
37-Rb-84m

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37-Rb-84m

(n,2n)  $\alpha$

Radionuclide Production Cross Section



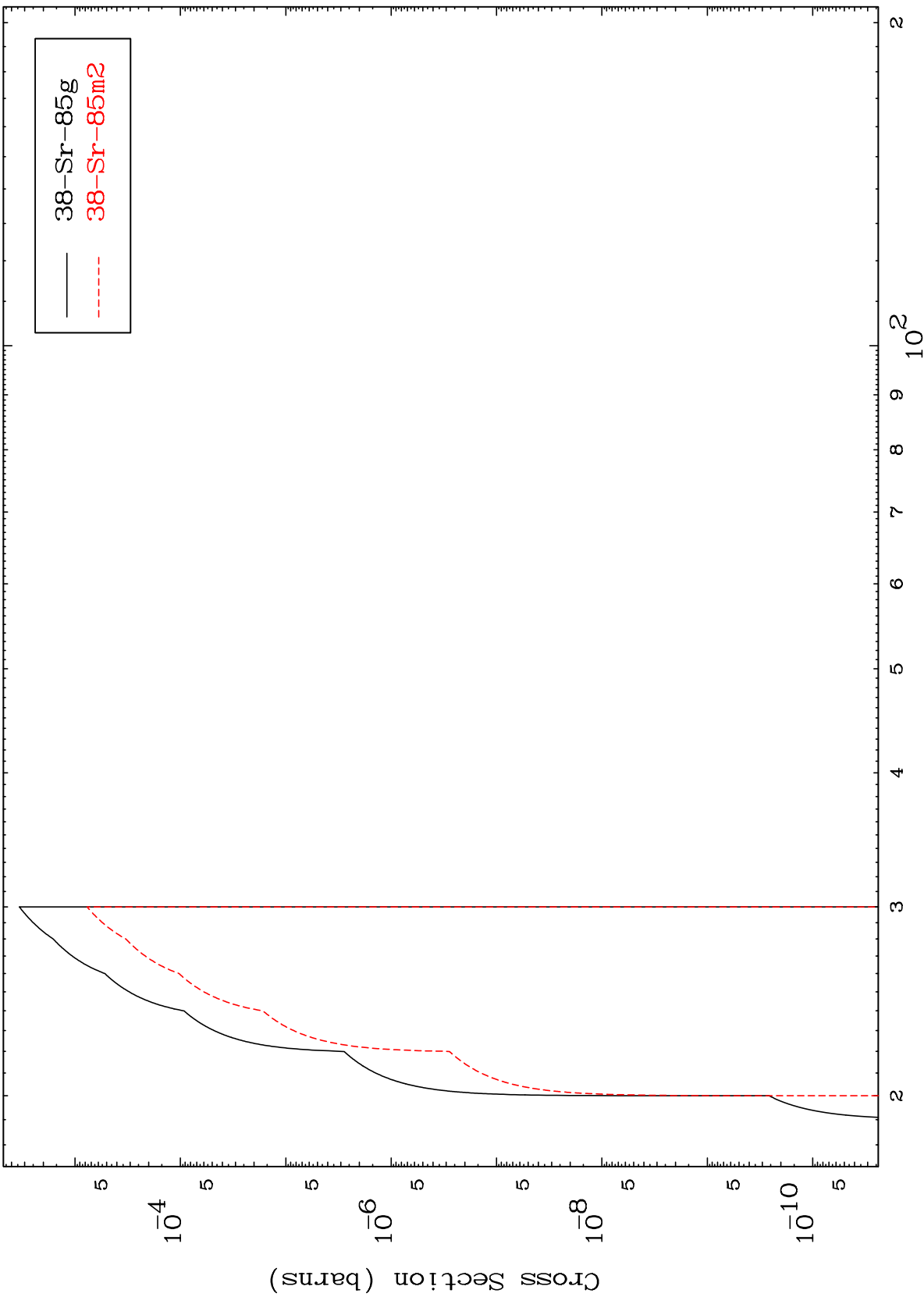
37-Rb-84m

Incident Energy (MeV)

15



Radionuclide Production Cross Section

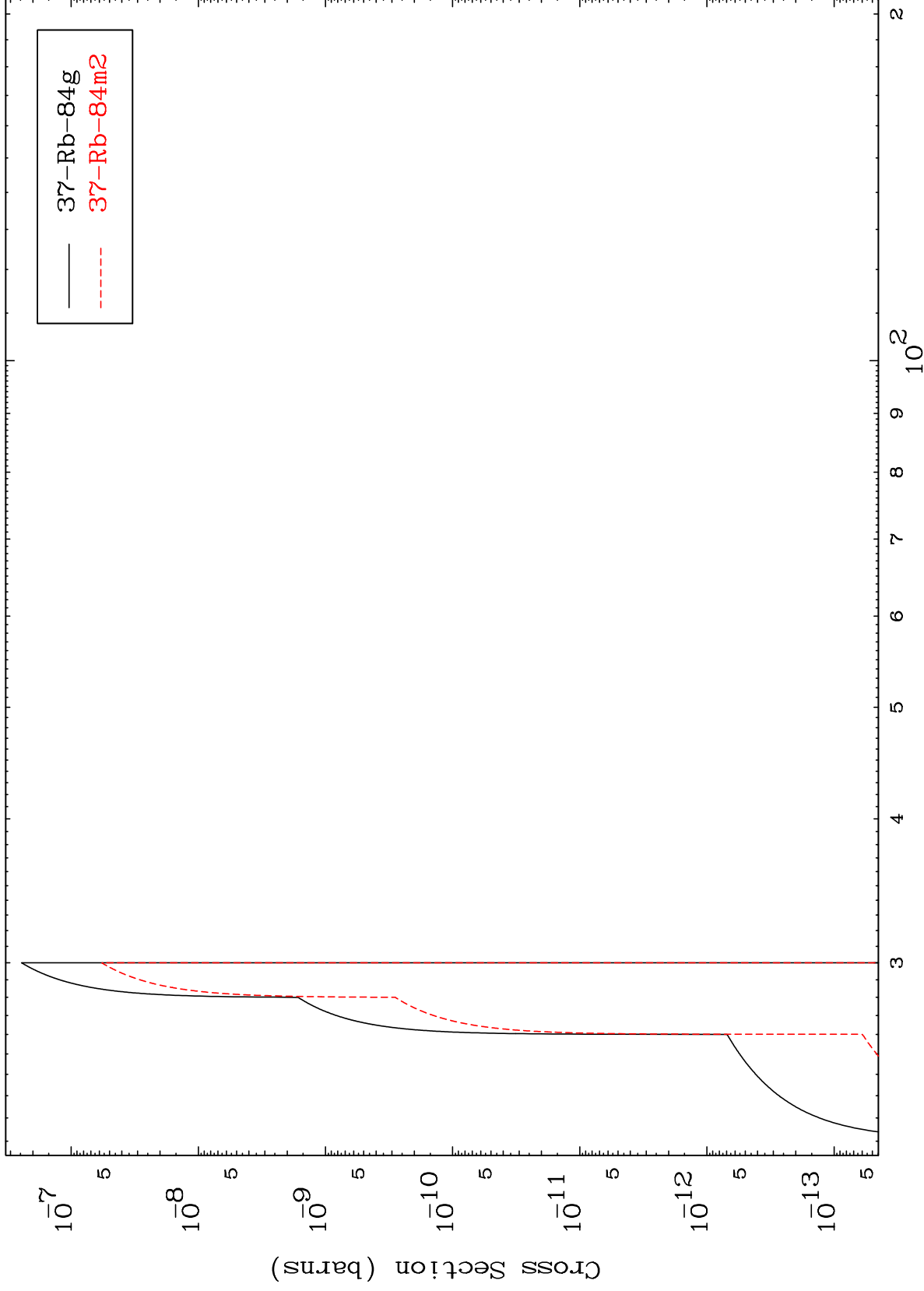


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(n,n') He-3

37-Rb-84m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

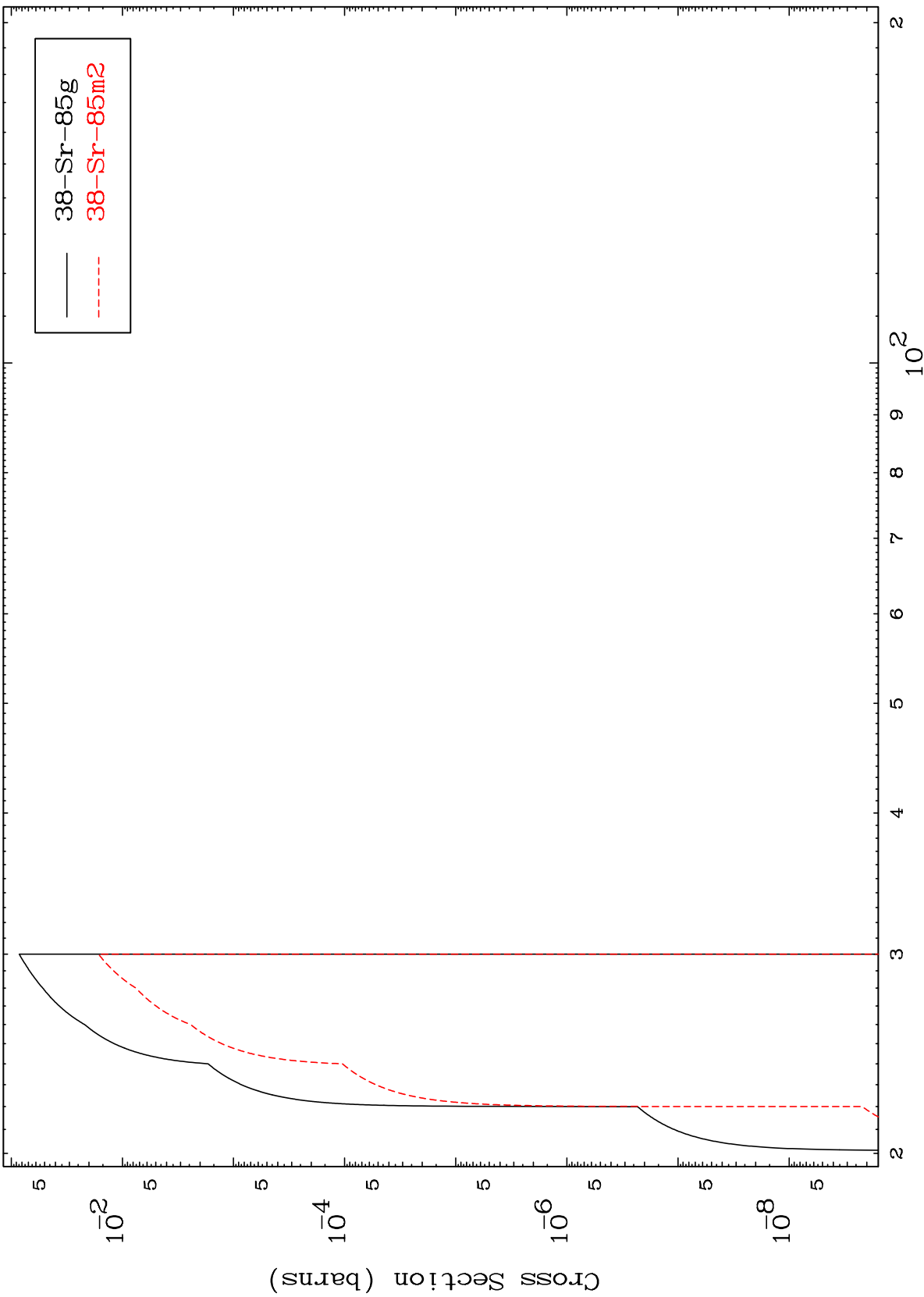
37-Rb-84m

MAT 3723

(n,2n) p

37-Rb-84m

Radionuclide Production Cross Section



18

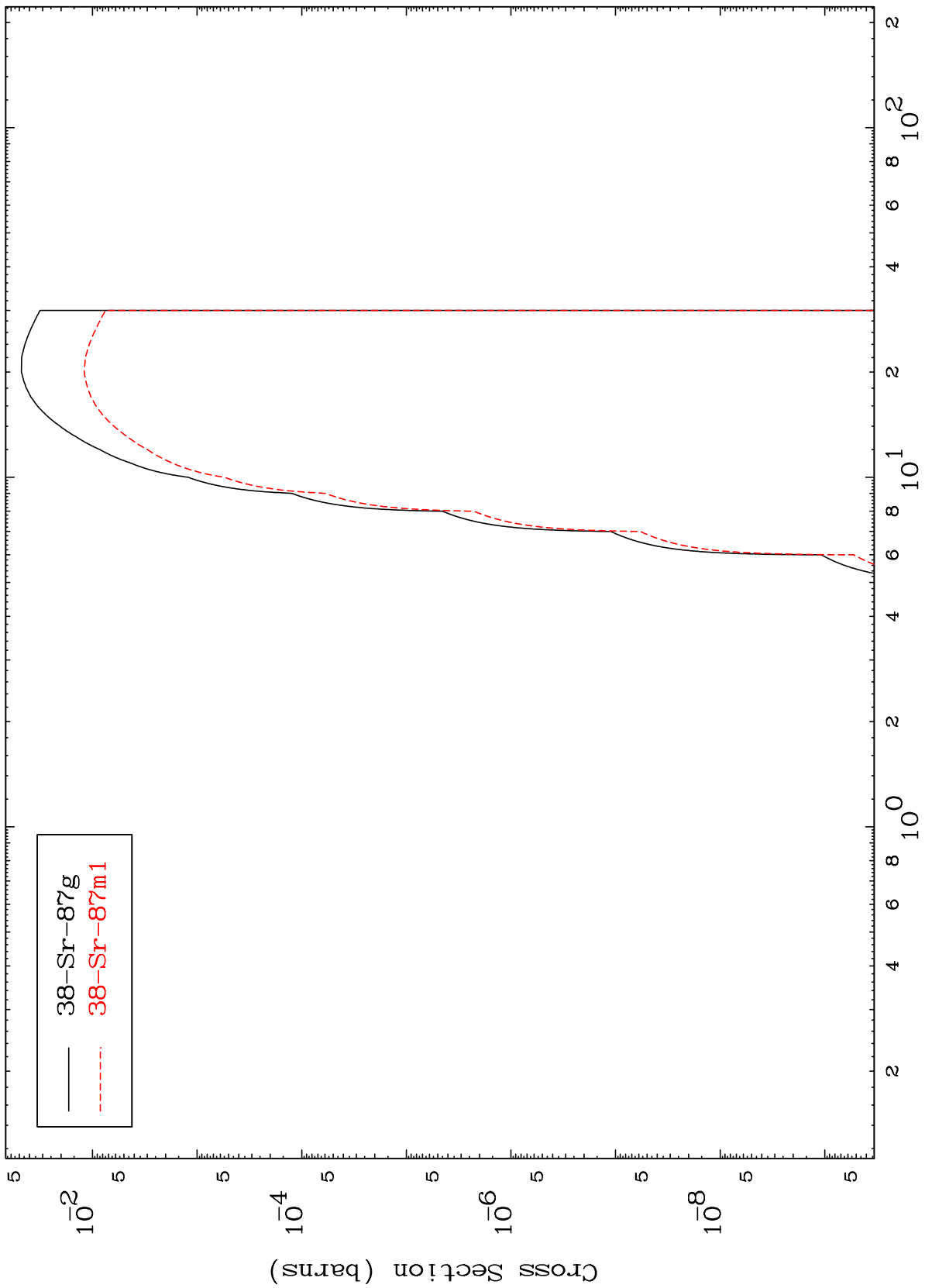
Incident Energy (MeV)

37-Rb-84m

MAT 3723

37-Rb-84m

(n,p)  
Radionuclide Production Cross Section



19

37-Rb-84m

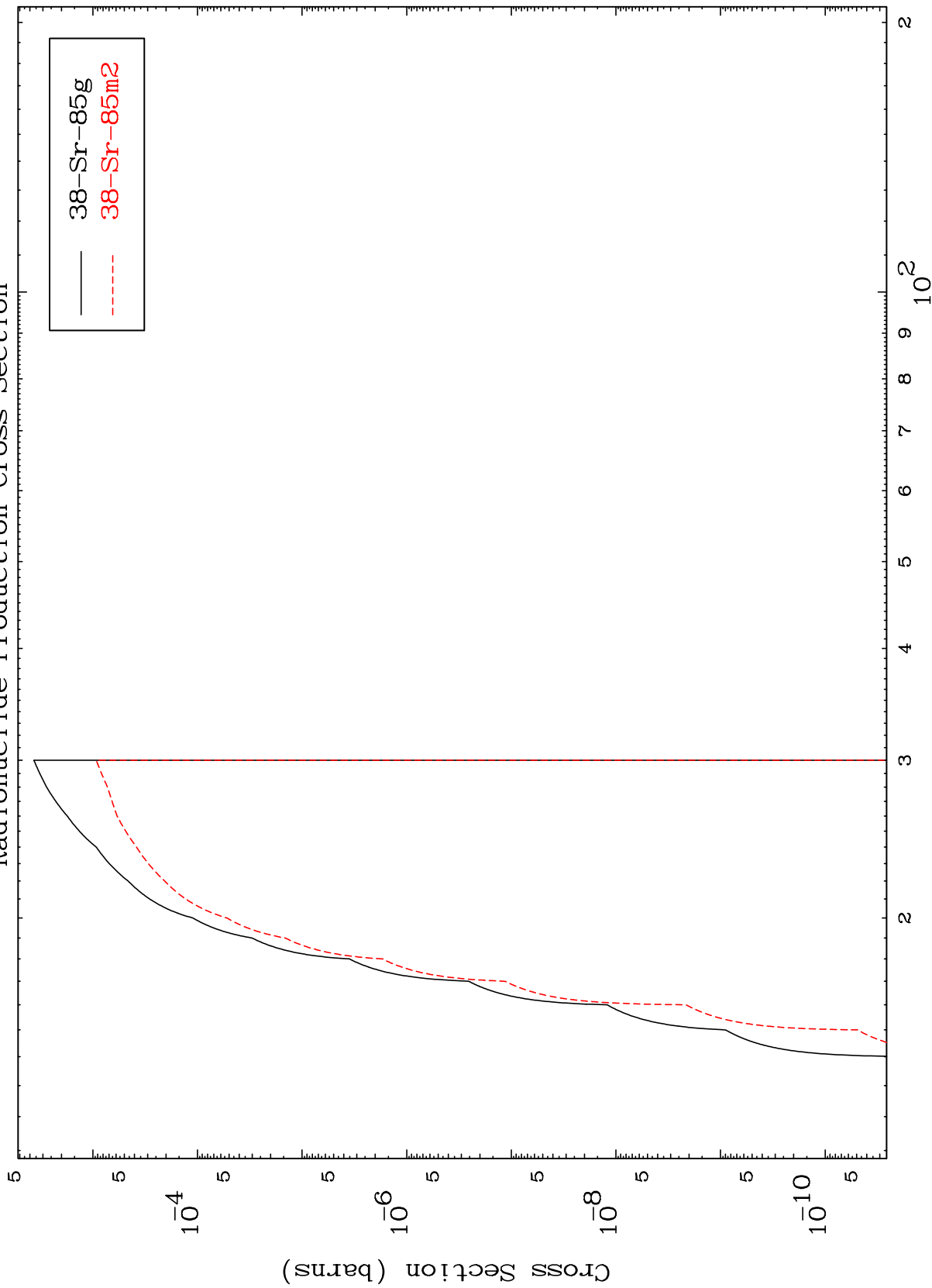
Incident Energy (MeV)

MAT 3723

(n, t)

37-Rb-84m

Radionuclide Production Cross Section



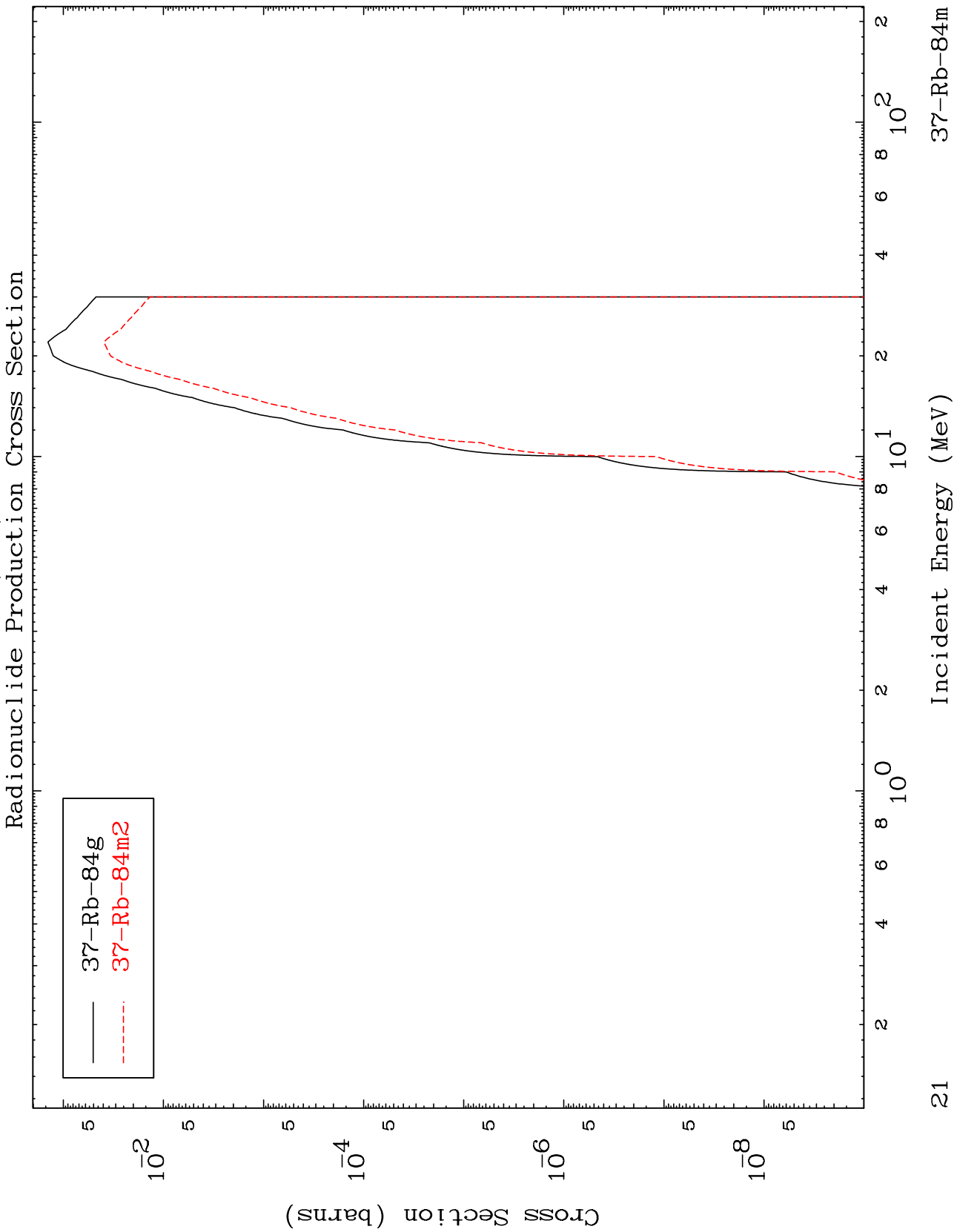
20

Incident Energy (MeV)

37-Rb-84m

MAT 3723

<sup>37</sup>Rb-84m

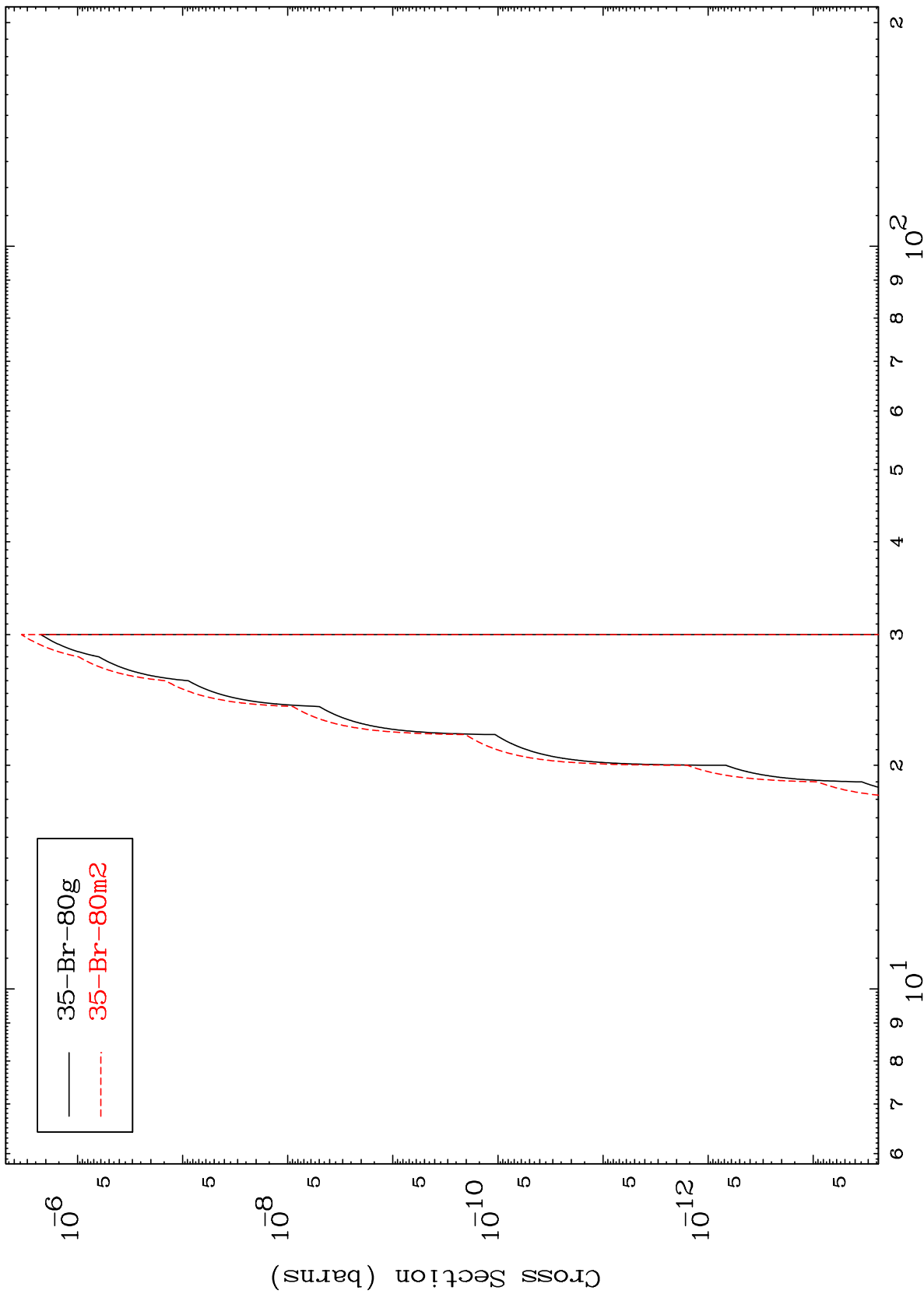


<sup>37</sup>Rb-84m

MAT 3723

37-Rb-84m

Radionuclide Production Cross Section  
(n,2α)



22

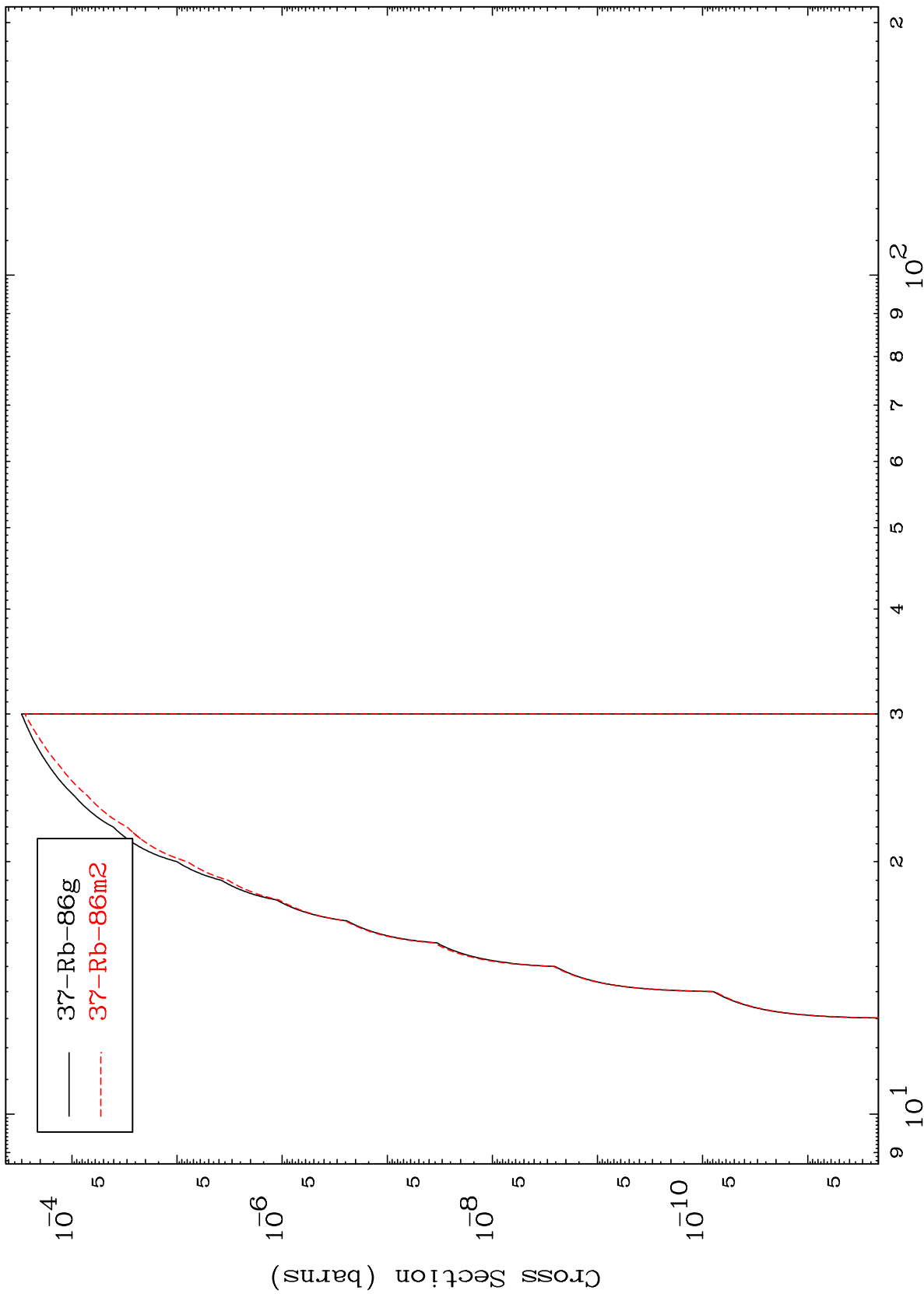
37-Rb-84m

Incident Energy (MeV)

MAT 3723

37-Rb-84m

Radionuclide Production Cross Section  
(n,2p)



— 37-Rb-86g  
- - - 37-Rb-86m2

37-Rb-84m

Incident Energy (MeV)

23

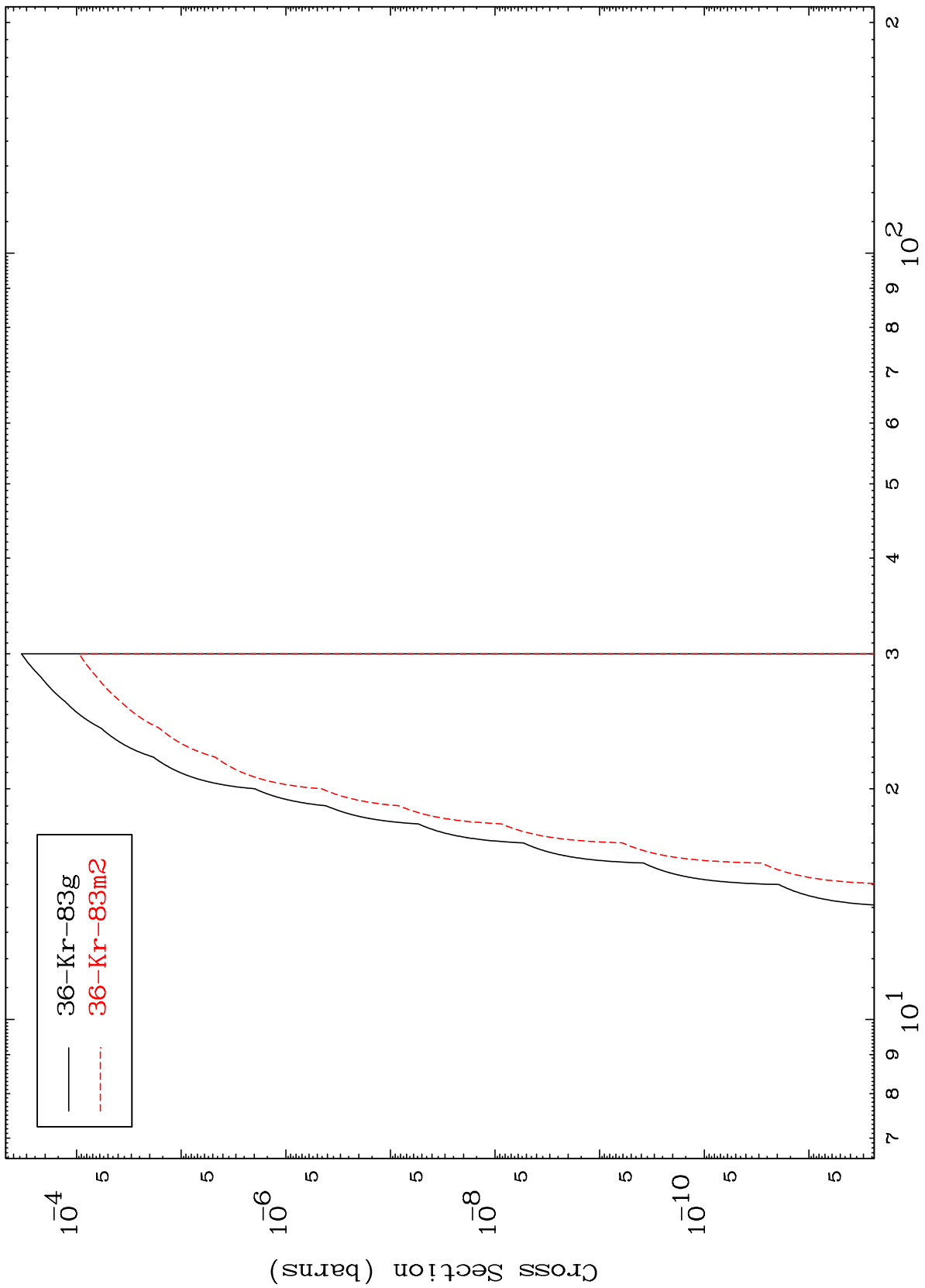


MAT 3723

(n,p)  $\alpha$

37-Rb-84m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

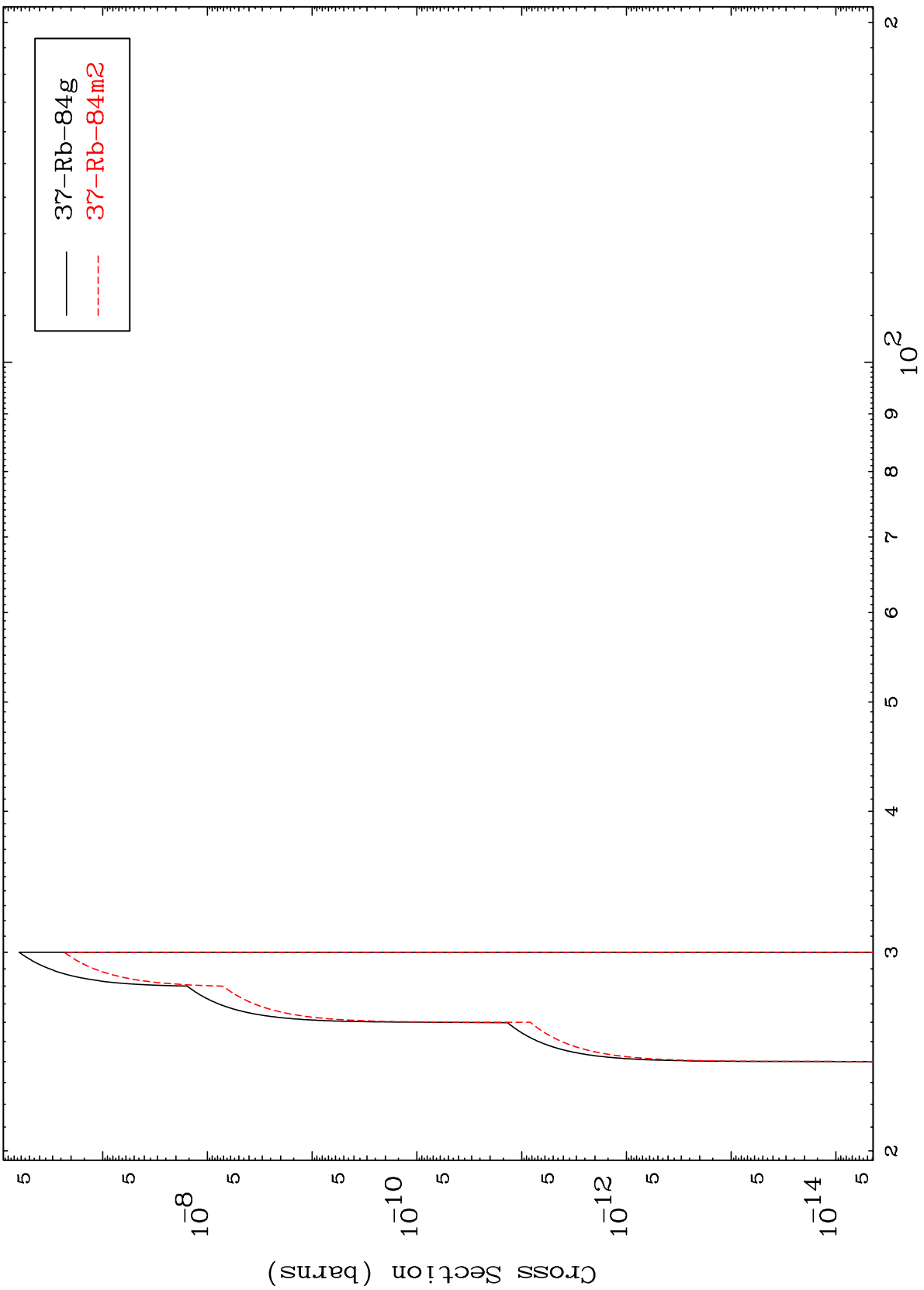
37-Rb-84m

MAT 3723

(n,p) t

37-Rb-84m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

37-Rb-84m