

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

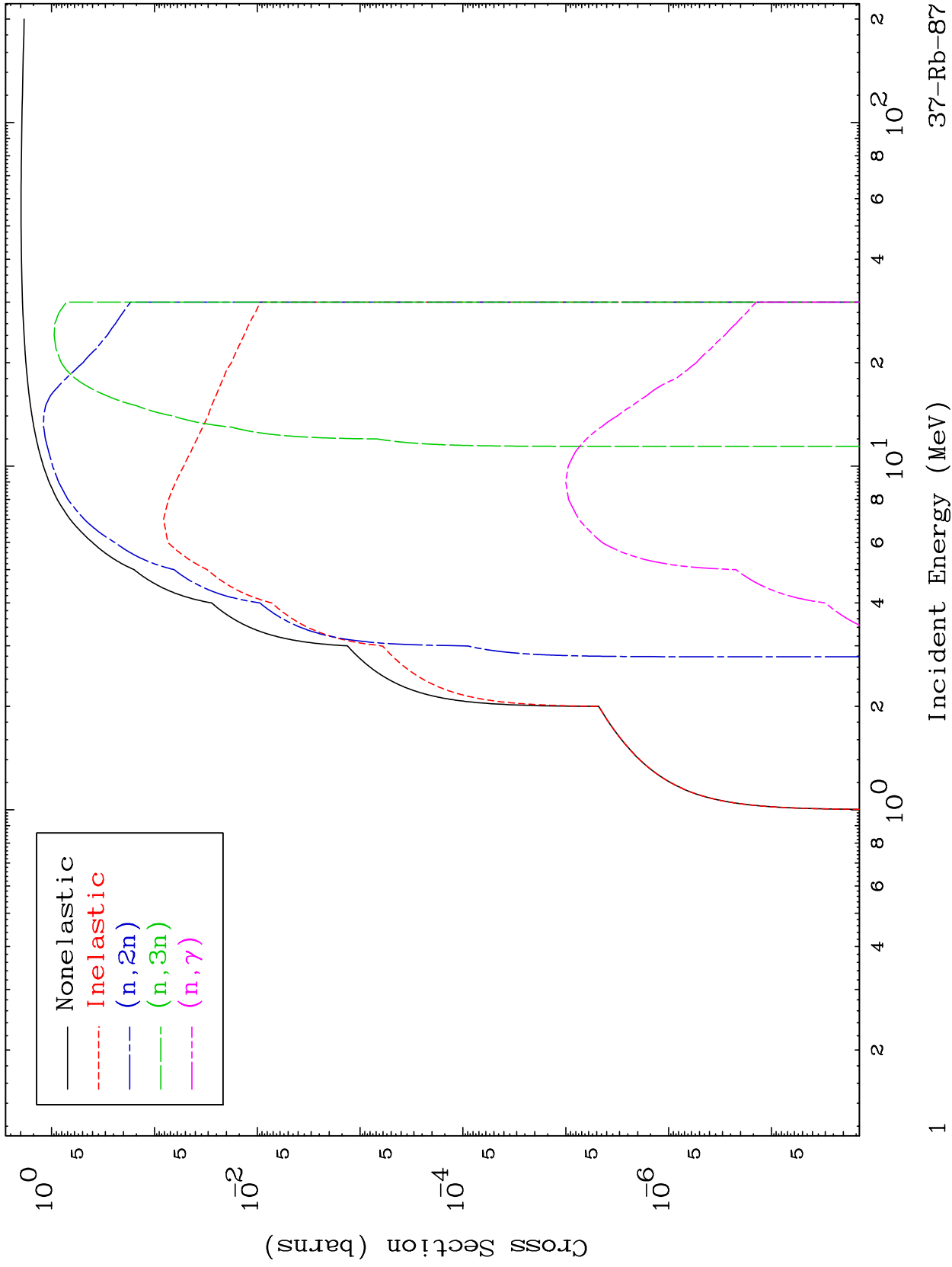
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3731

Deuteron Major  
0 Kelvin Cross Sections

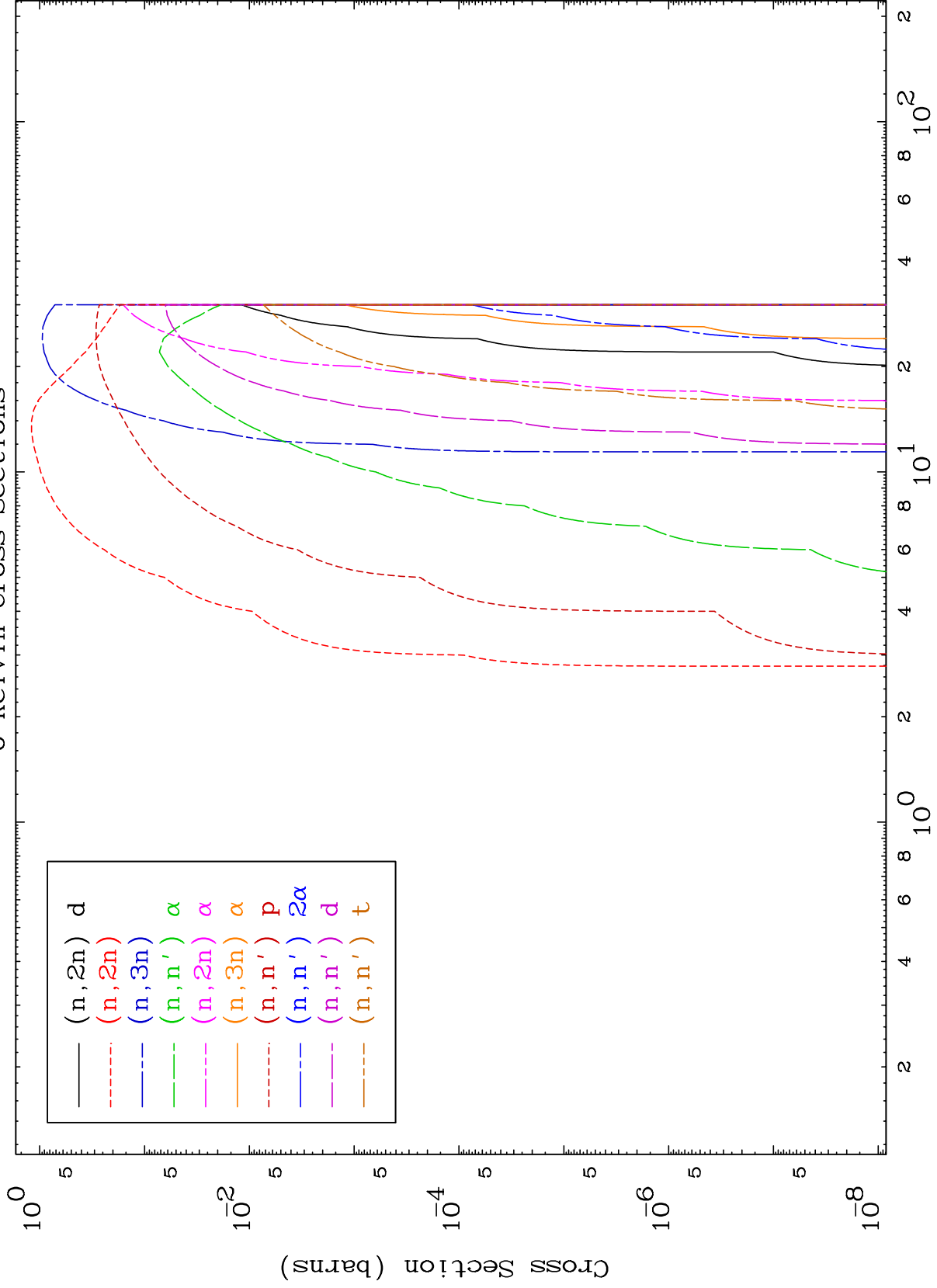
37-Rb-87

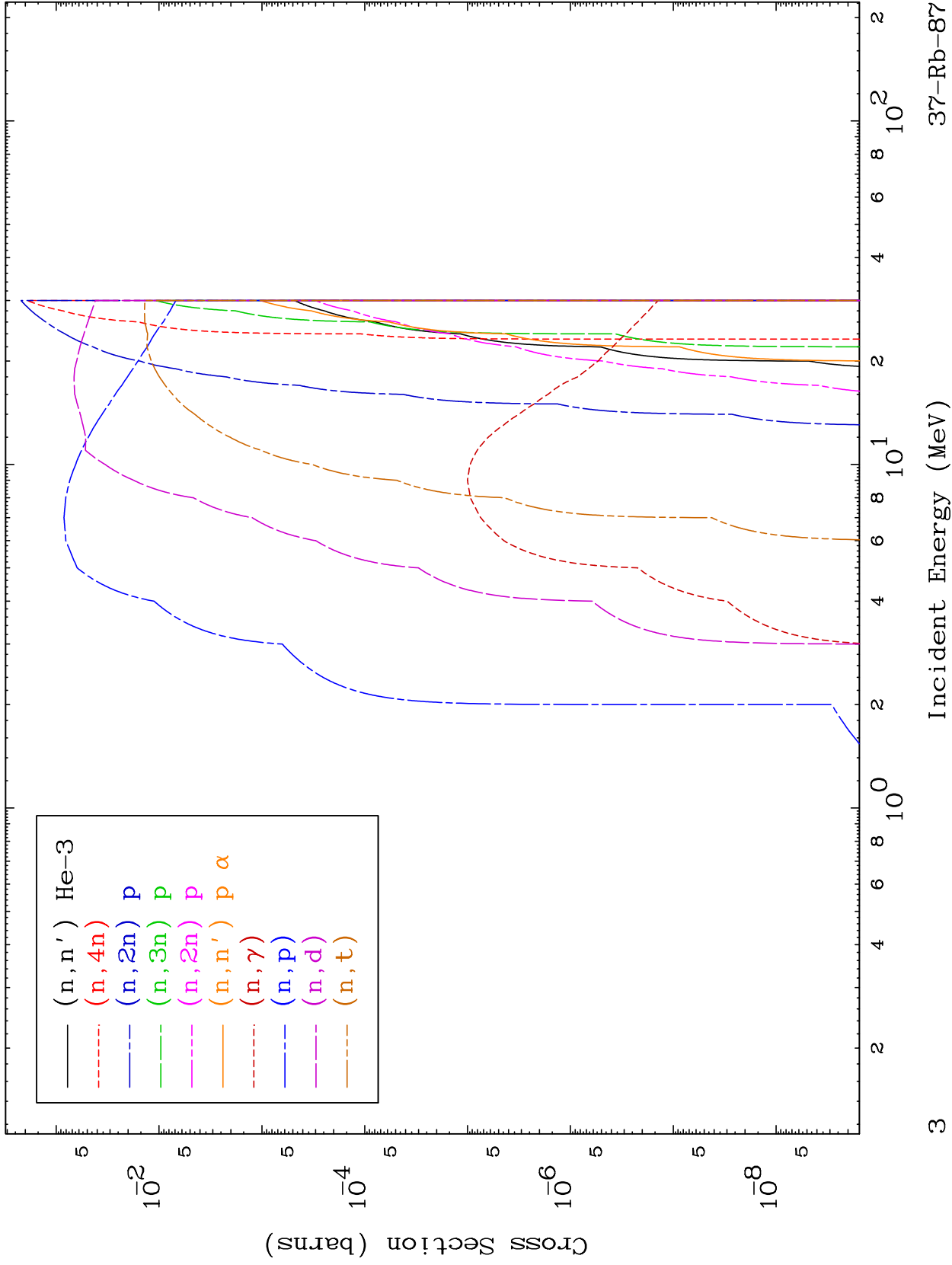


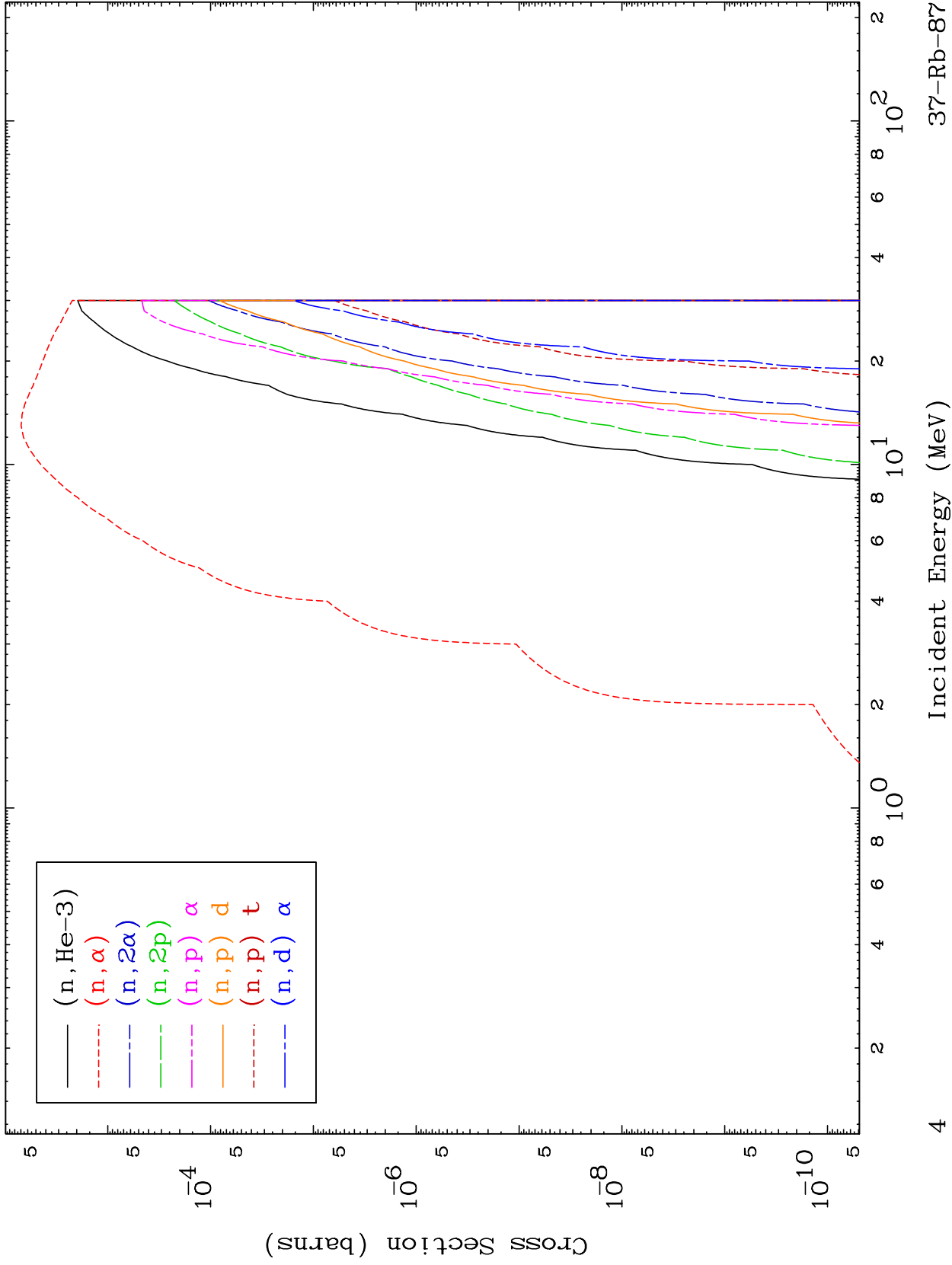
MAT 3731

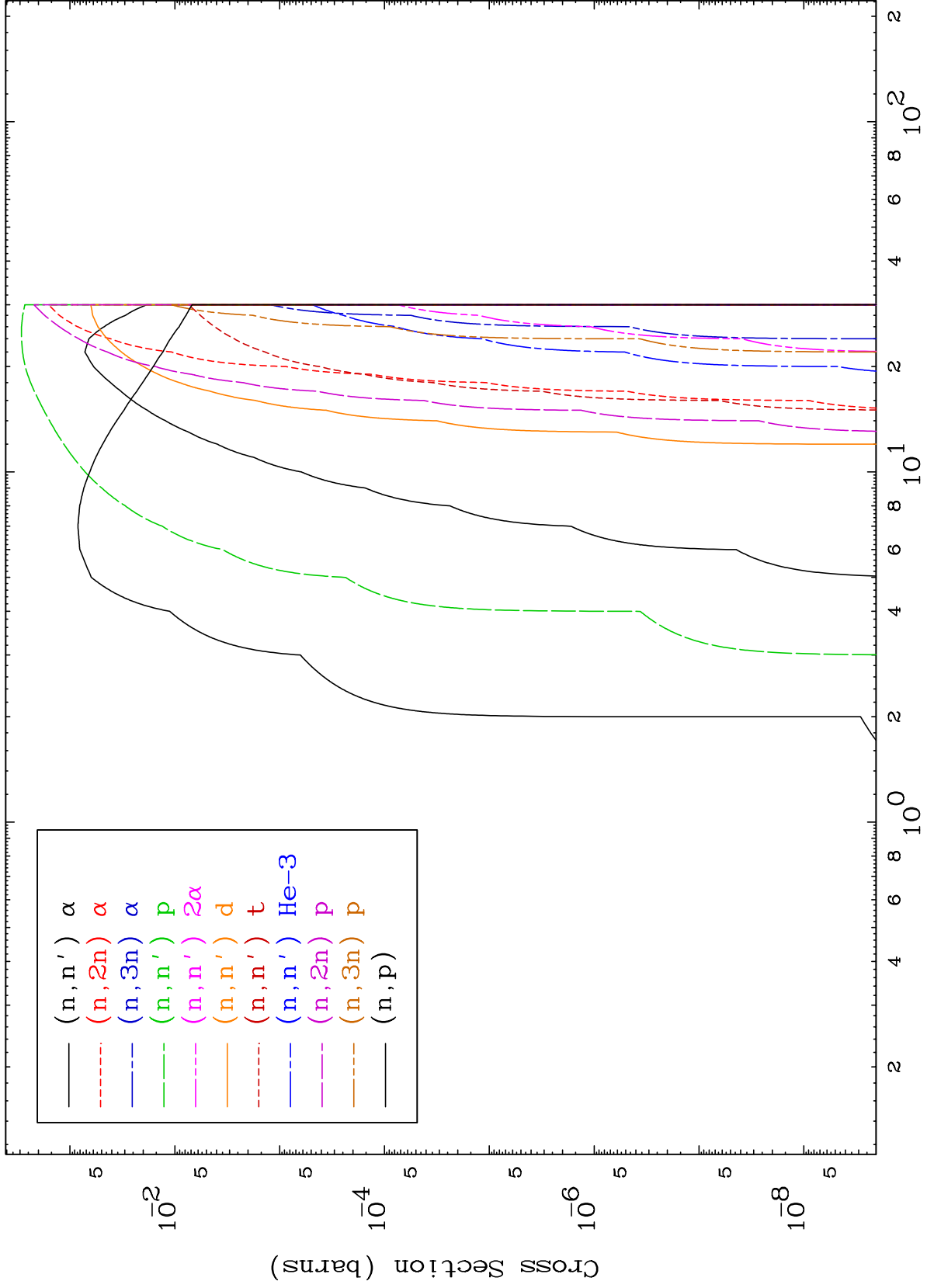
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

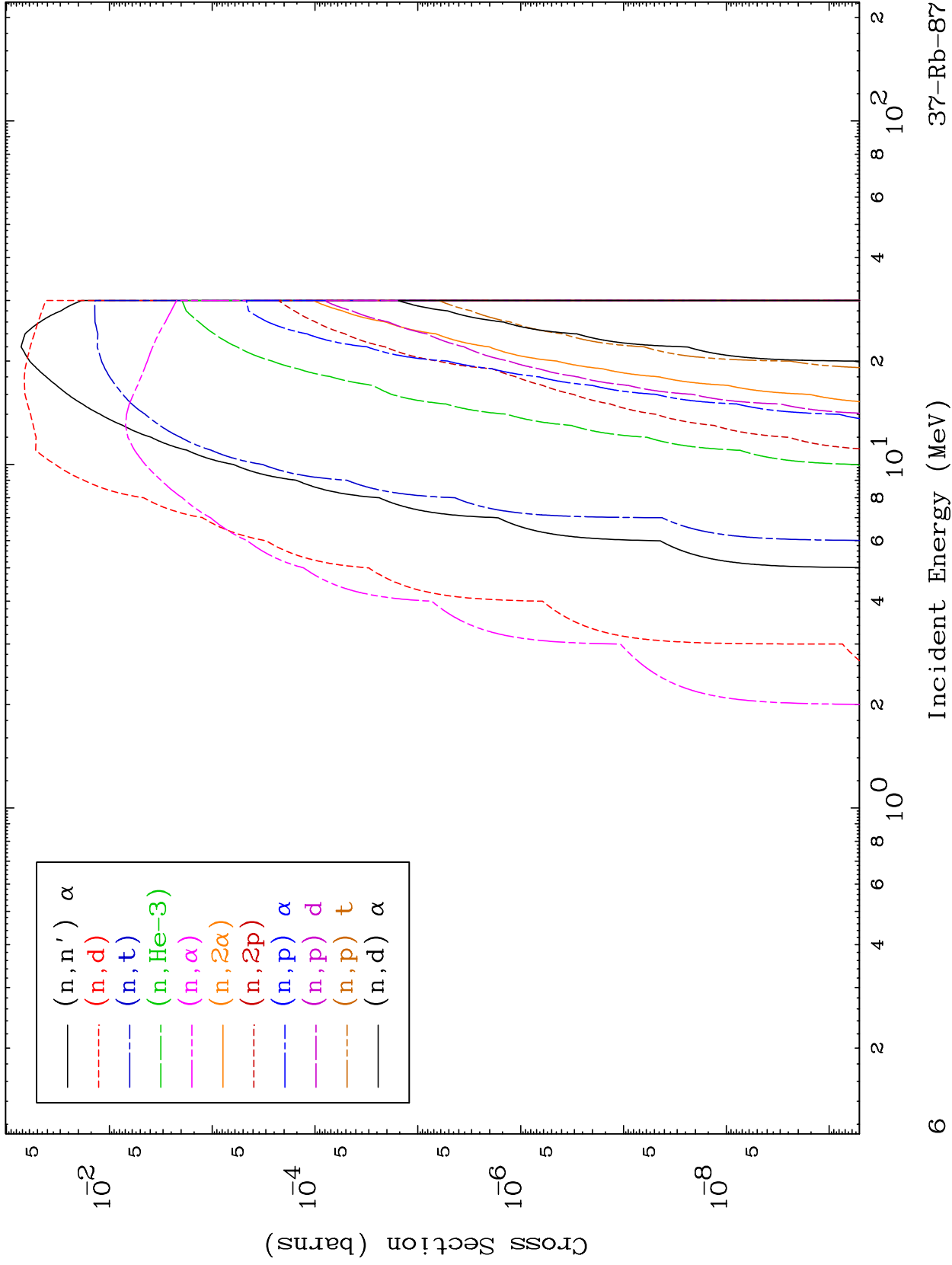
37-Rb-87







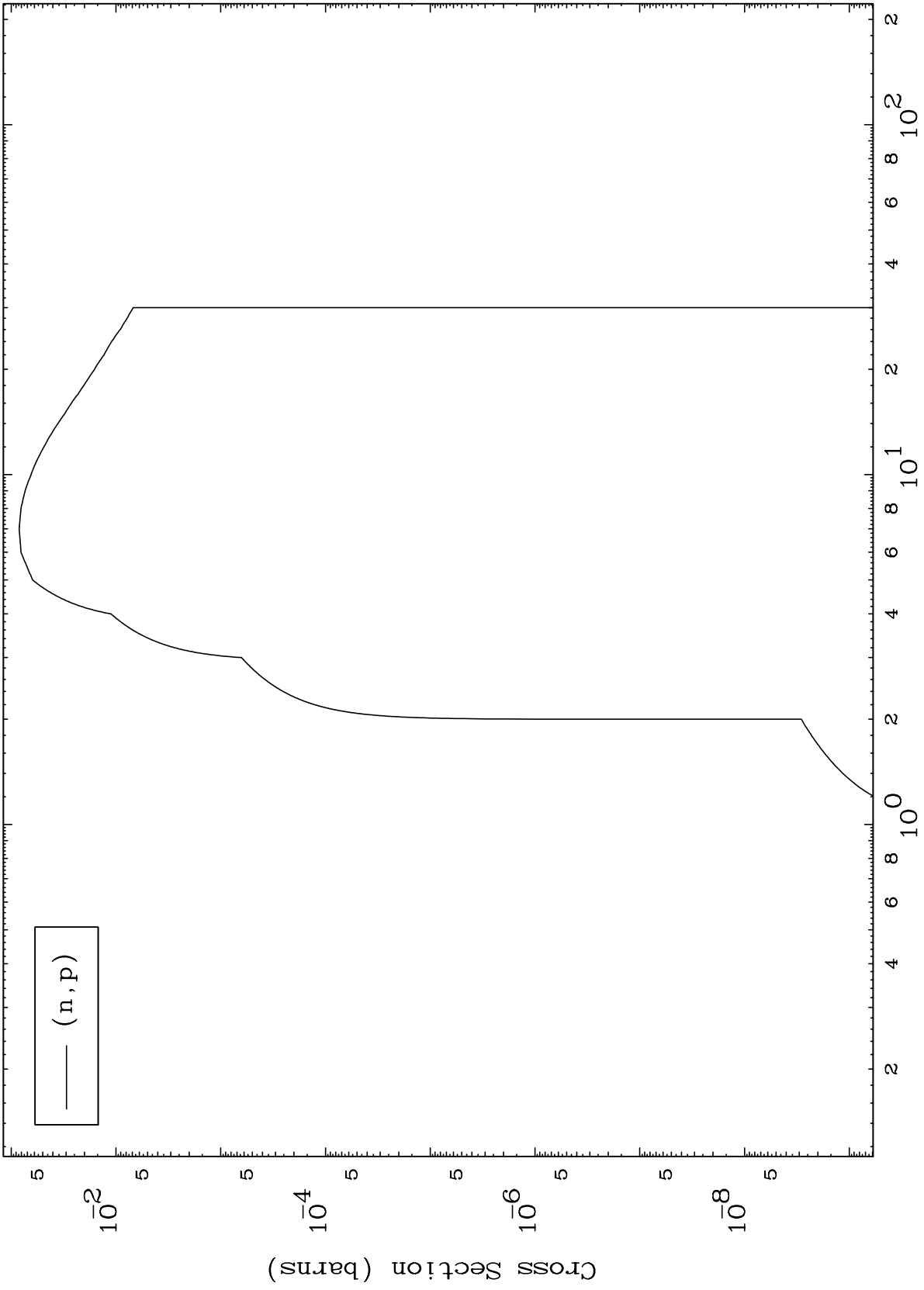




MAT 3731

37-Rb-87

(d,p) Levels  
0 Kelvin Cross Sections



7

Incident Energy (MeV)

37-Rb-87

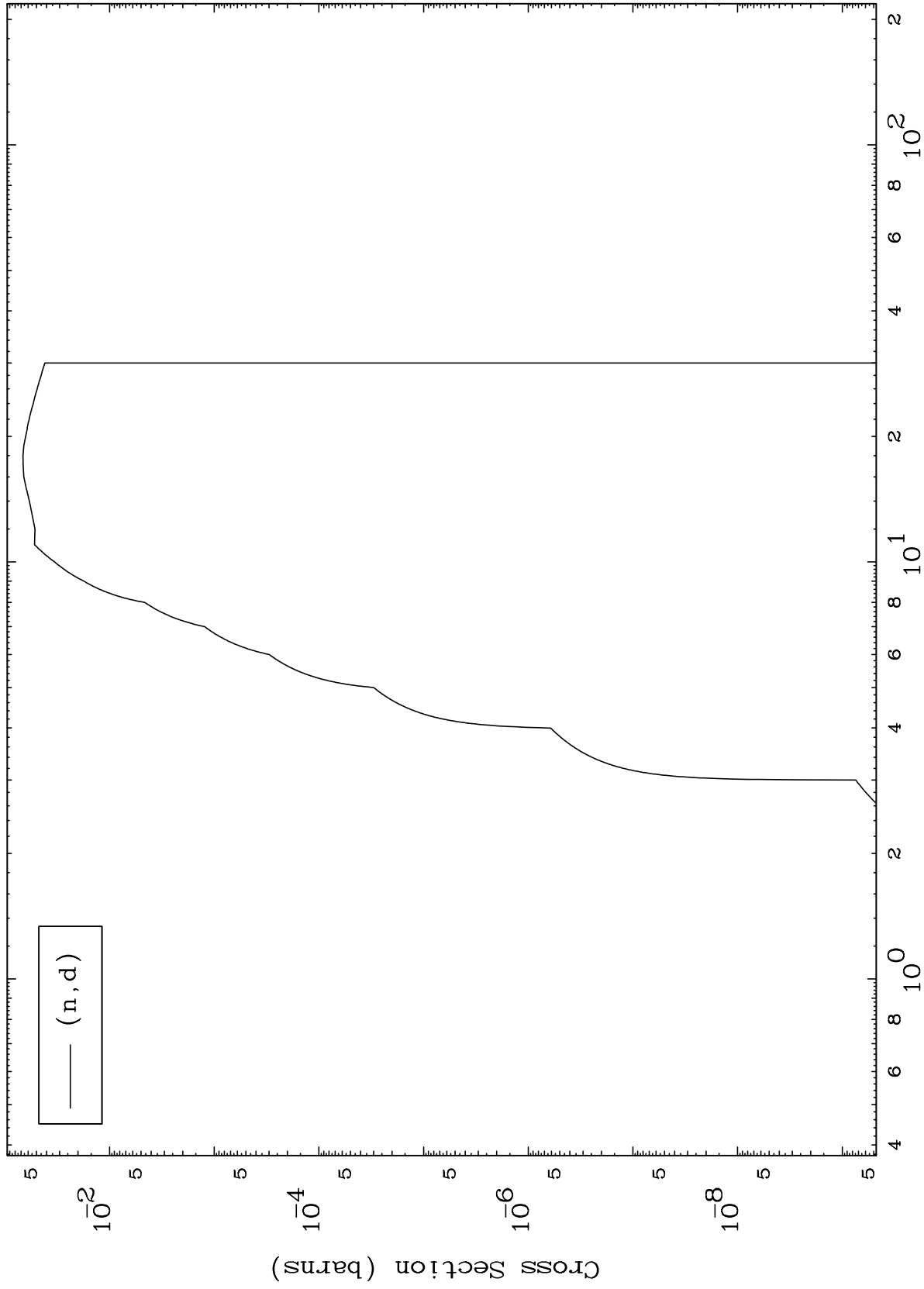


MAT 3731

(d,d) Levels

37-Rb-87

0 Kelvin Cross Sections



8

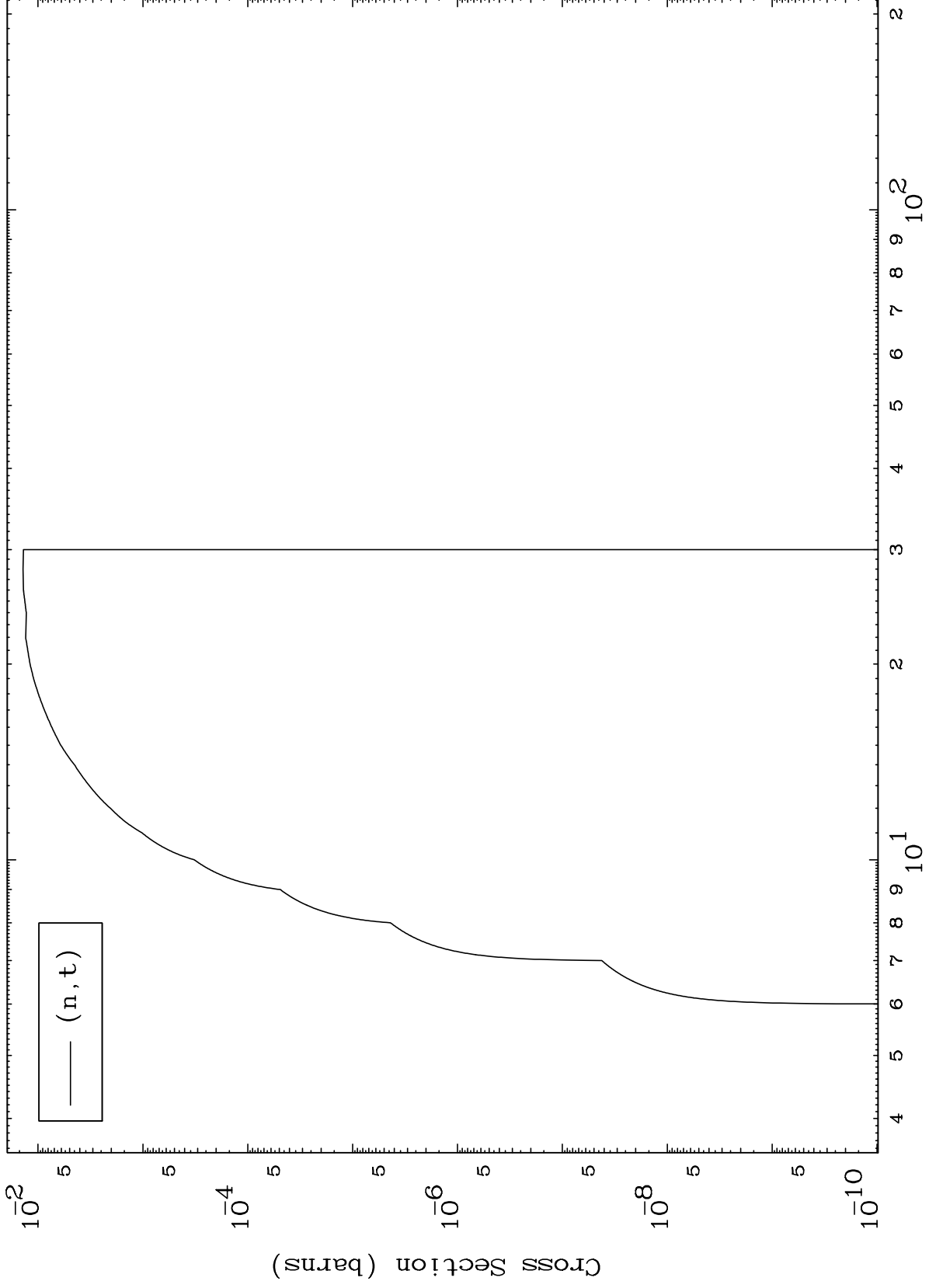
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

(d,t) Levels  
0 Kelvin Cross Sections



9

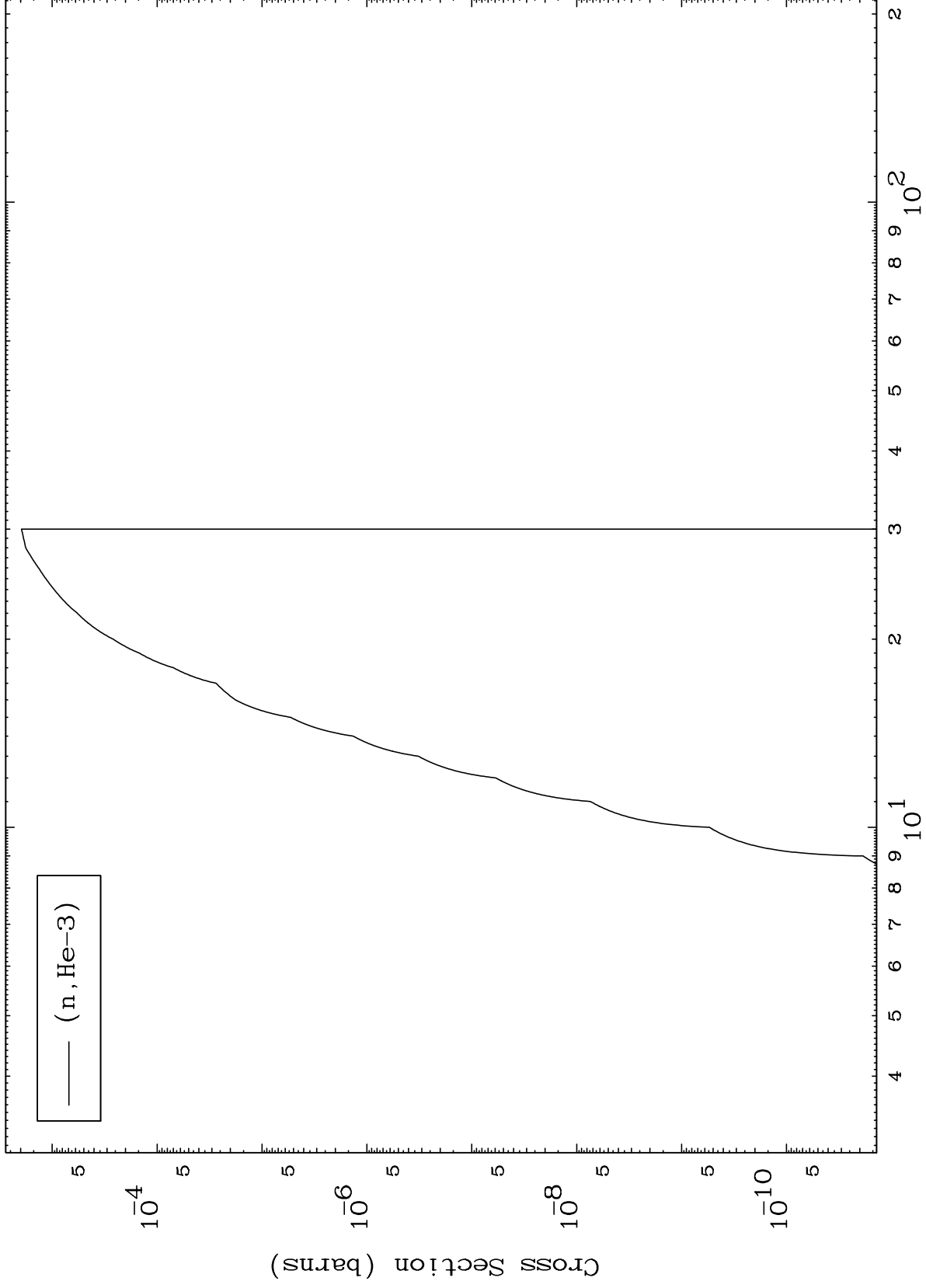
Incident Energy (MeV)

37-Rb-87

MAT 3731

(d,He3) Levels  
0 Kelvin Cross Sections

37-Rb-87



10

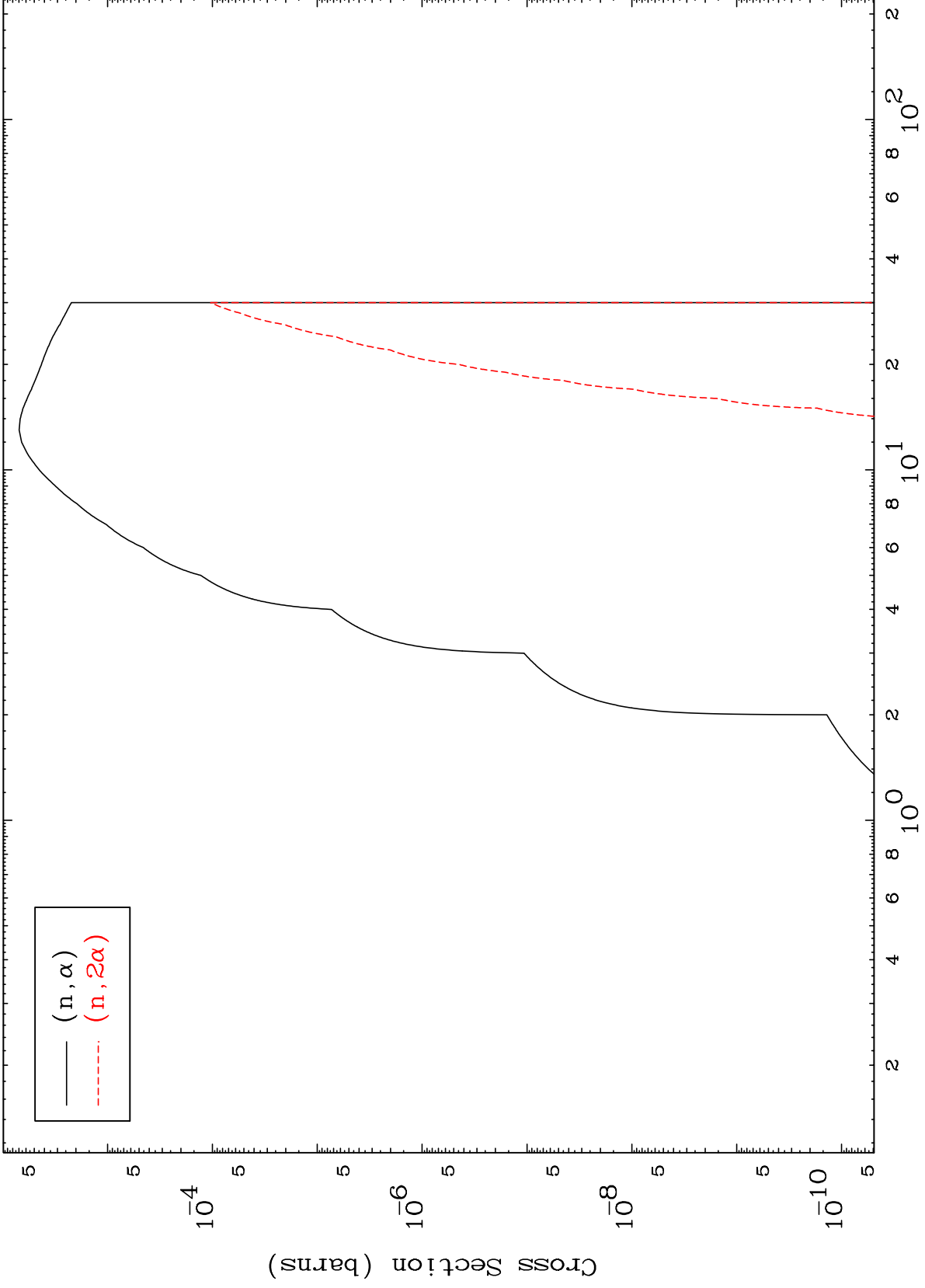
Incident Energy (MeV)

37-Rb-87

MAT 3731

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

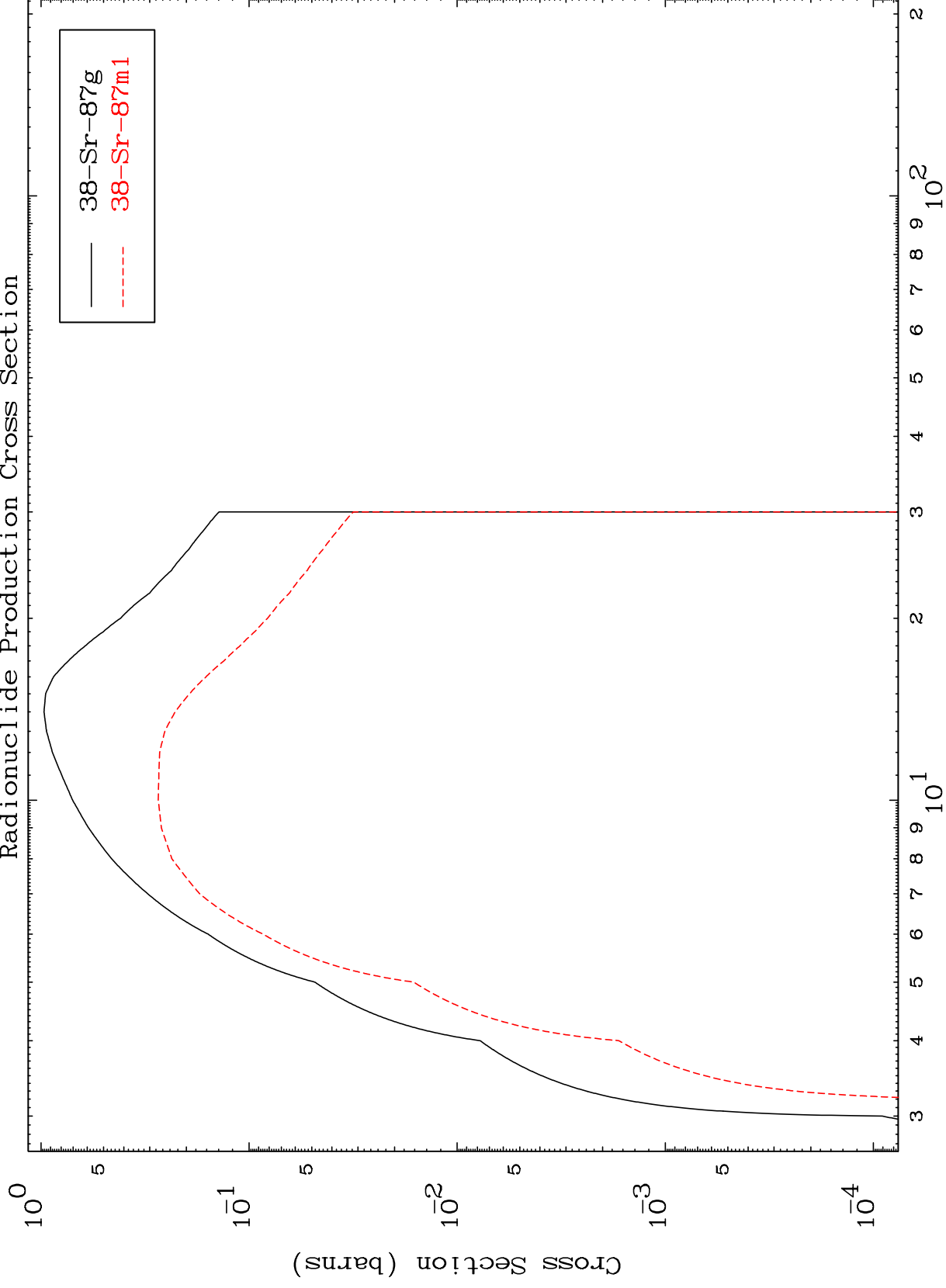
37-Rb-87



MAT 3731

37-Rb-87

(n,2n)  
Radionuclide Production Cross Section



37-Rb-87

Incident Energy (MeV)

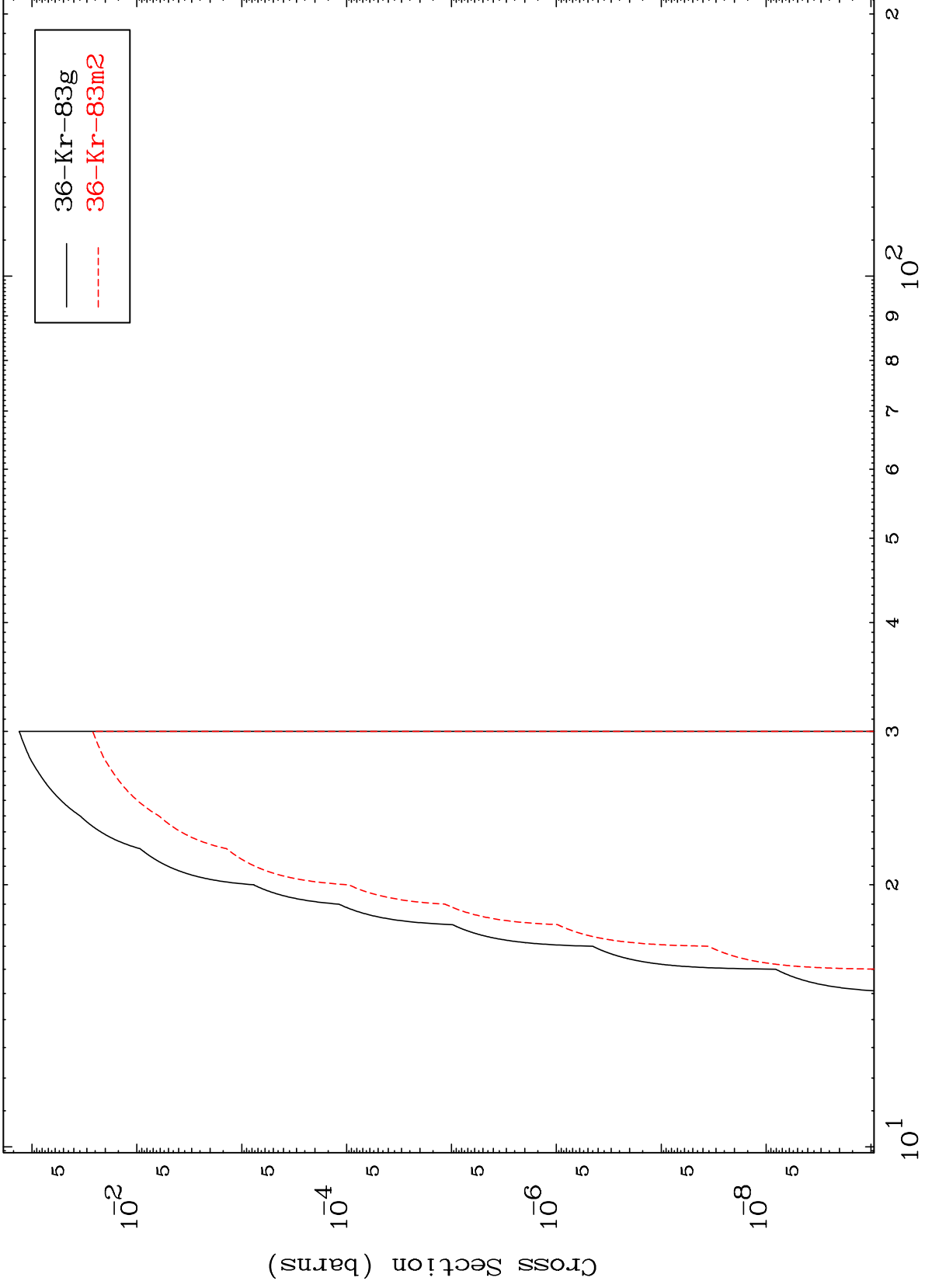
12

MAT 3731

$(n,2n) \alpha$

37-Rb-87

Radionuclide Production Cross Section



13

Incident Energy (MeV)

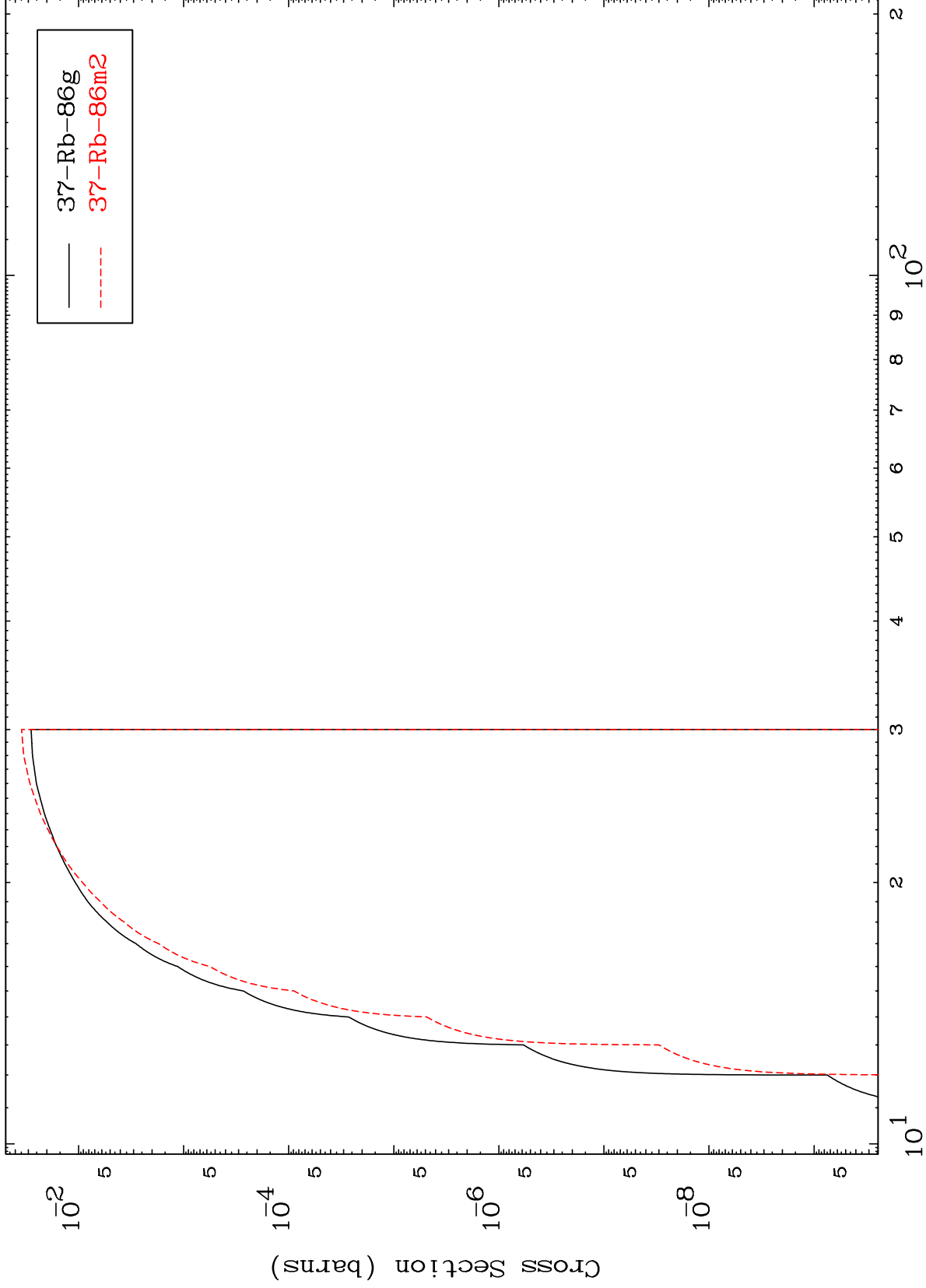
37-Rb-87

MAT 3731

(n,n') d

37-Rb-87

Radionuclide Production Cross Section



Incident Energy (MeV)

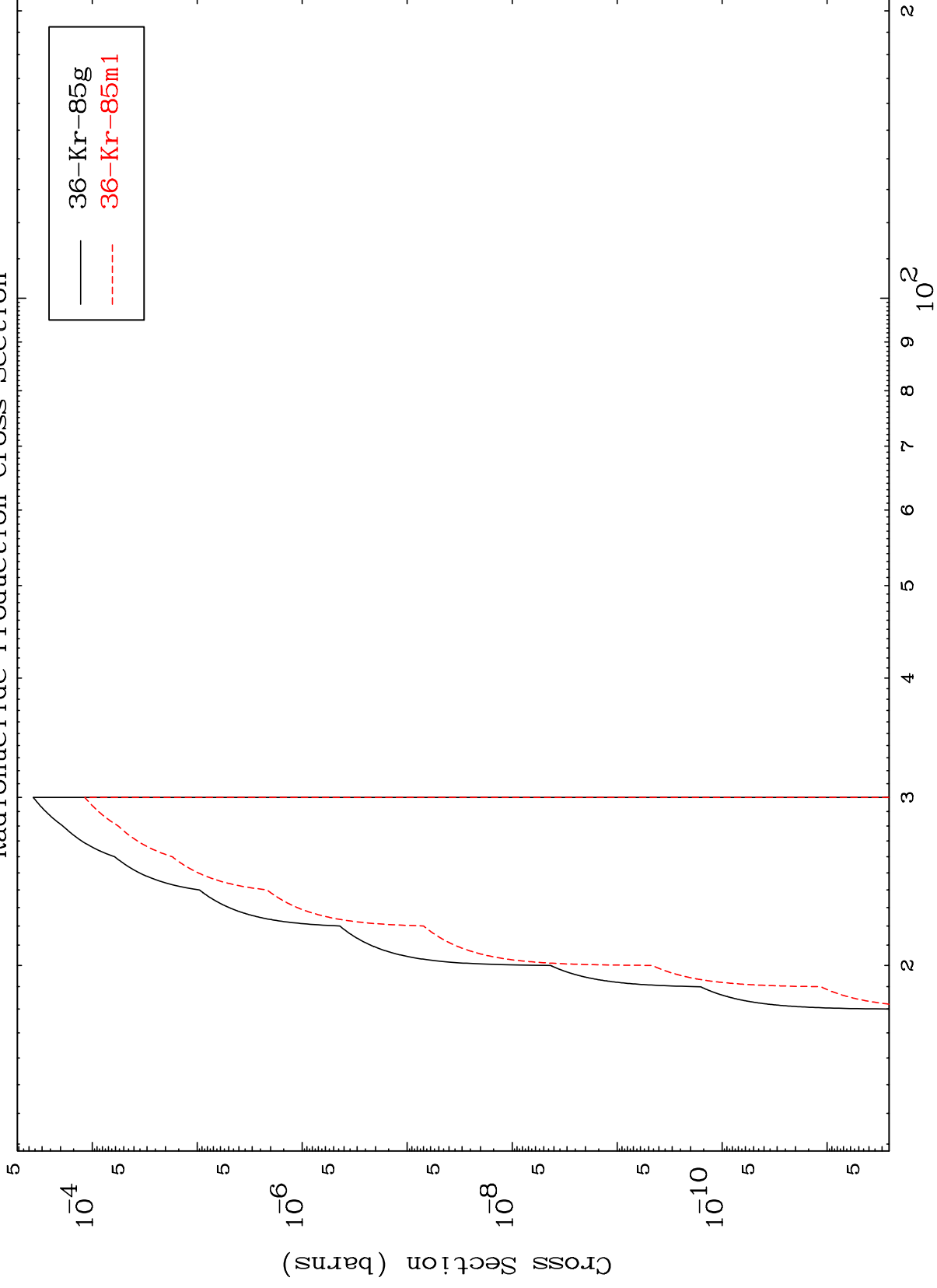
37-Rb-87

MAT 3731

(n,n') He-3

37-Rb-87

Radionuclide Production Cross Section



15

Incident Energy (MeV)

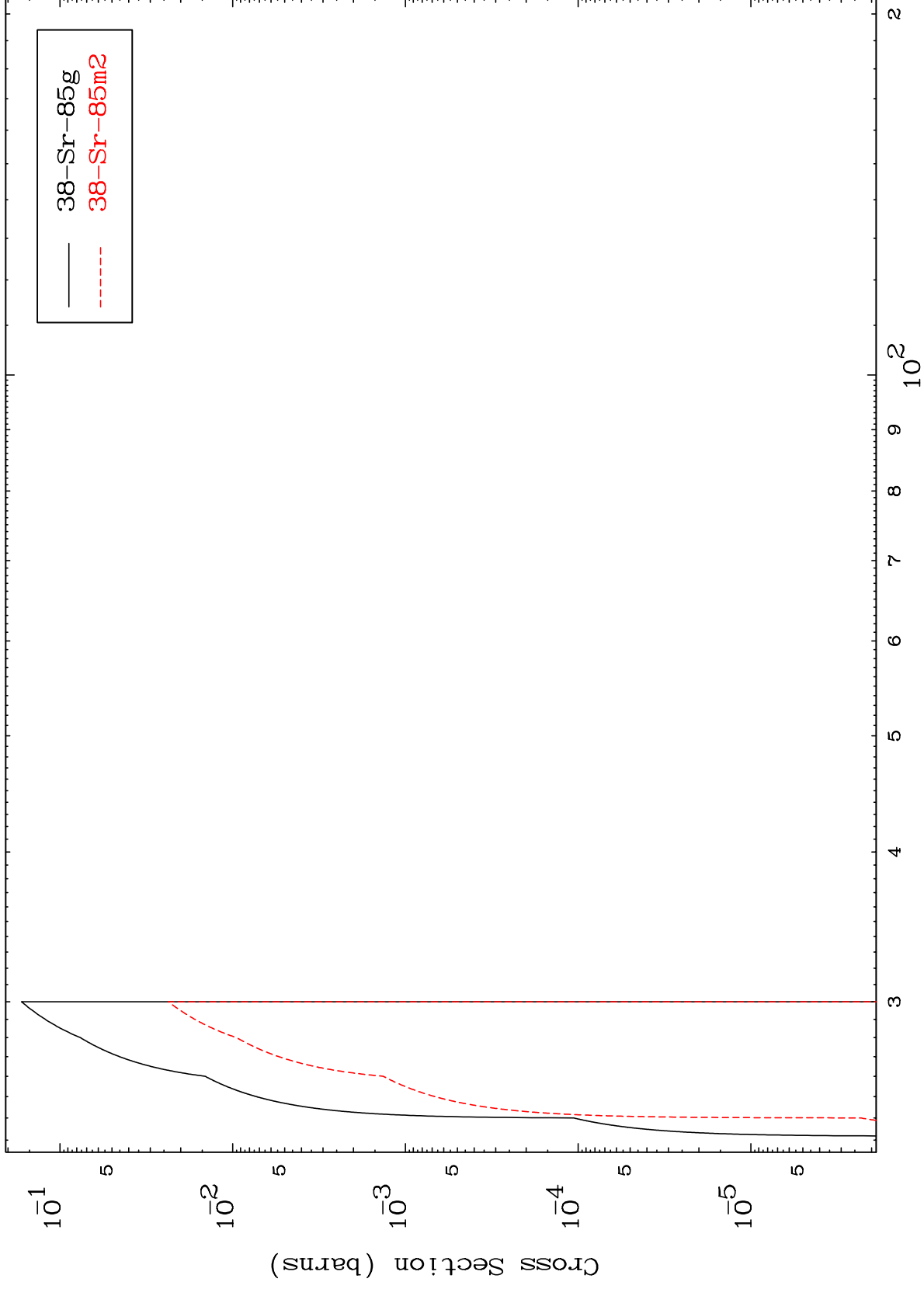
37-Rb-87



MAT 3731

37-Rb-87

(n,4n)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

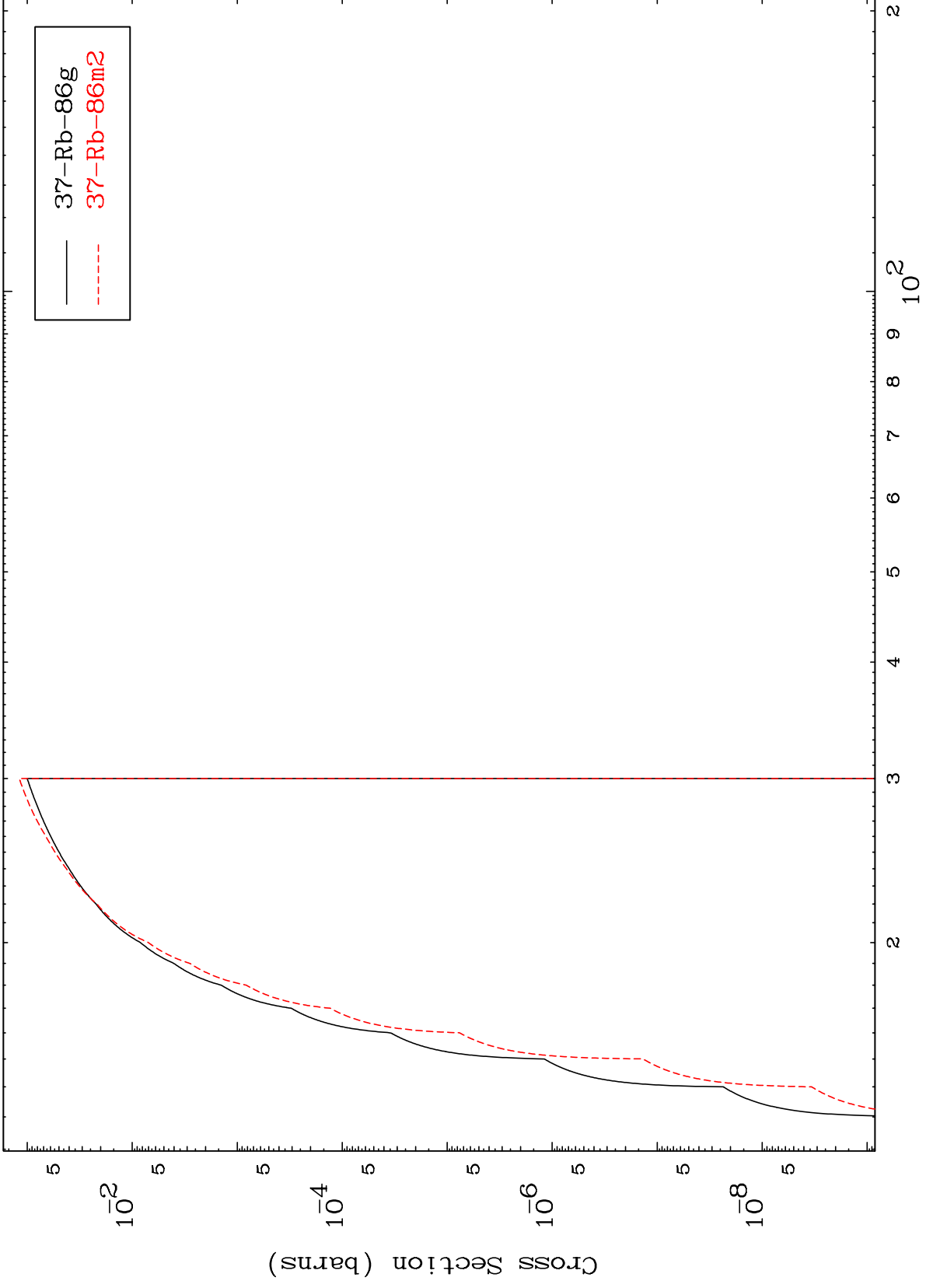
37-Rb-87

MAT 3731

(n,2n) p

37-Rb-87

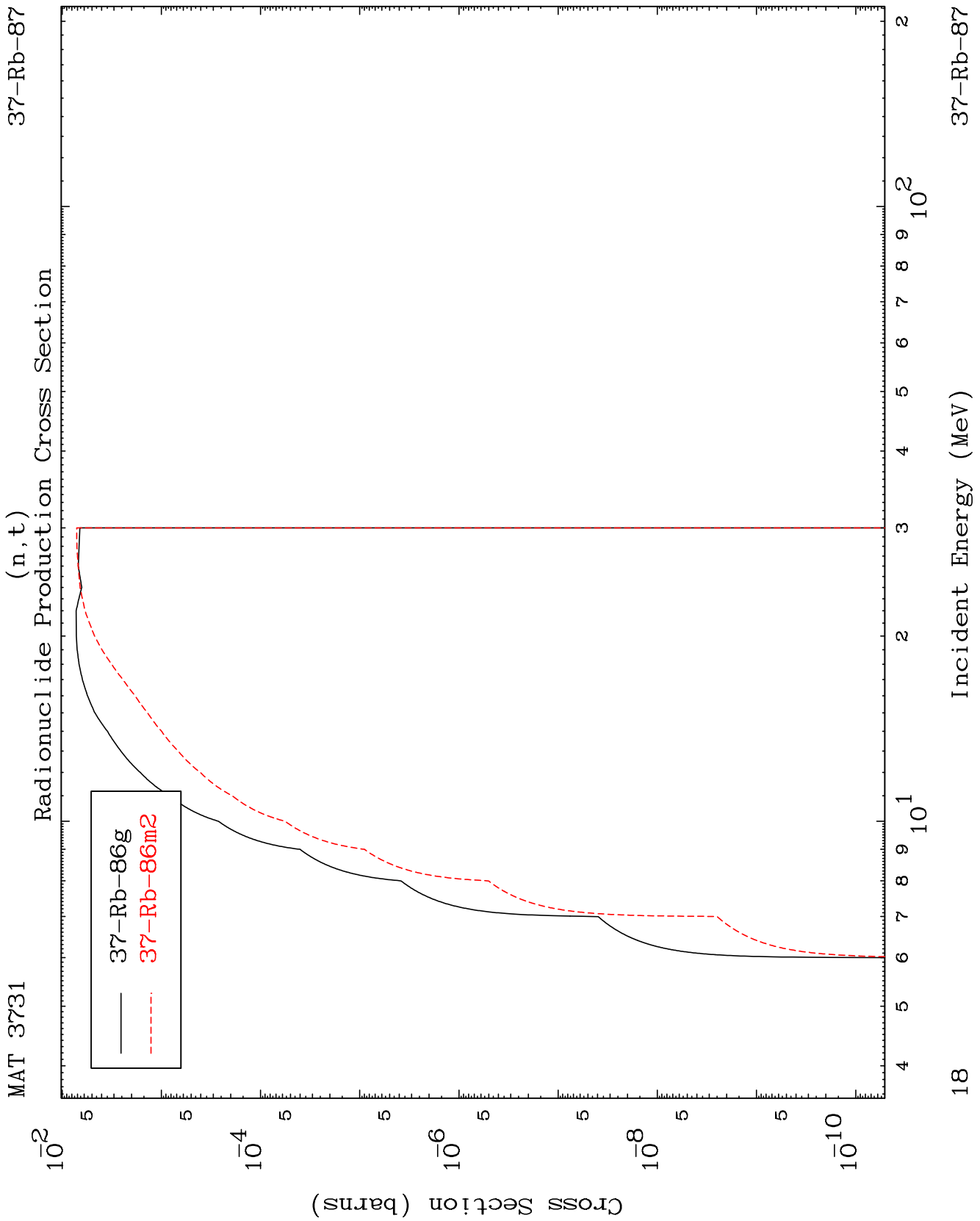
Radionuclide Production Cross Section



17

Incident Energy (MeV)

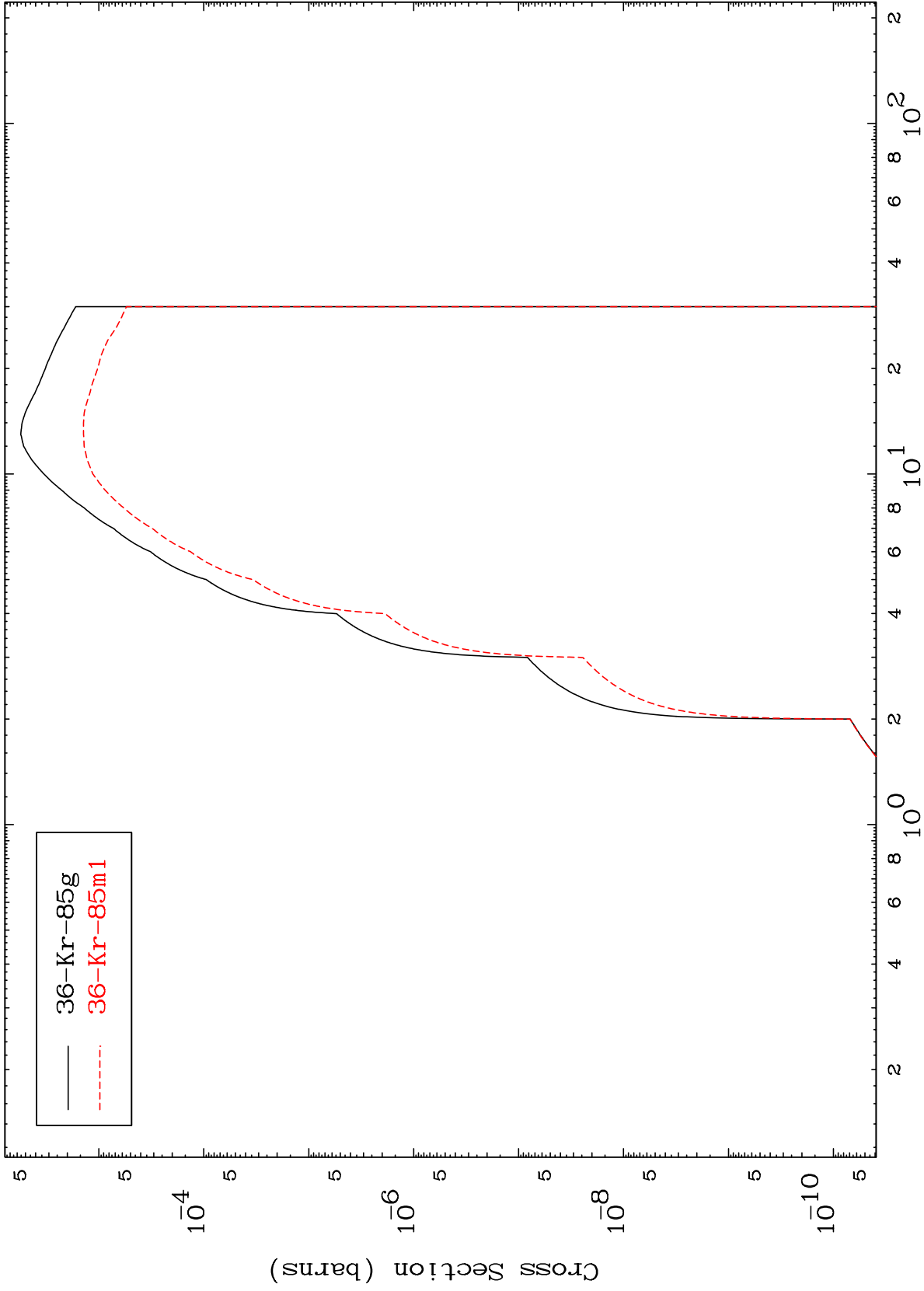
37-Rb-87



MAT 3731

37-Rb-87

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



19

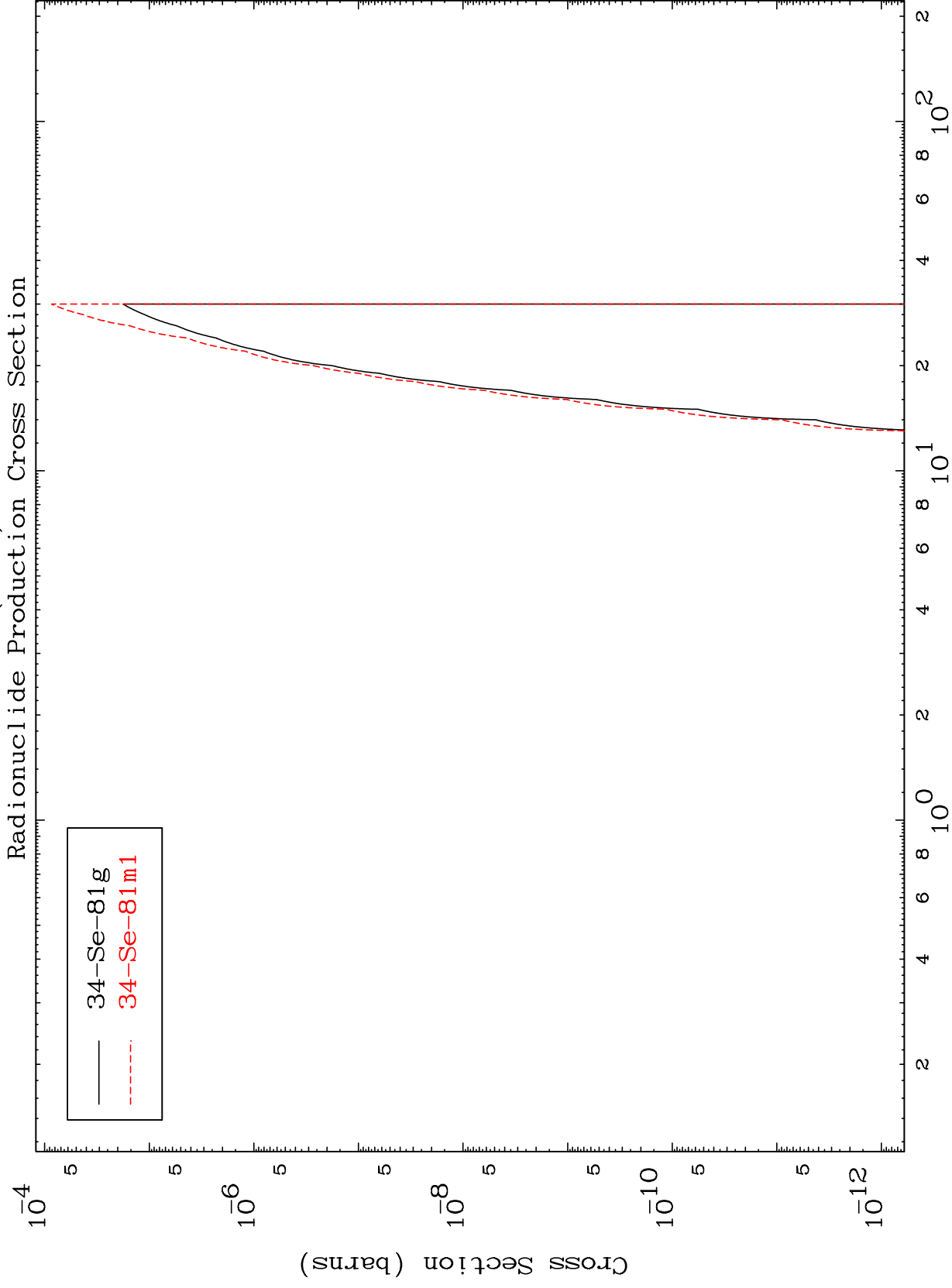
Incident Energy (MeV)

37-Rb-87

MAT 3731

37-Rb-87

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



20

Incident Energy (MeV)

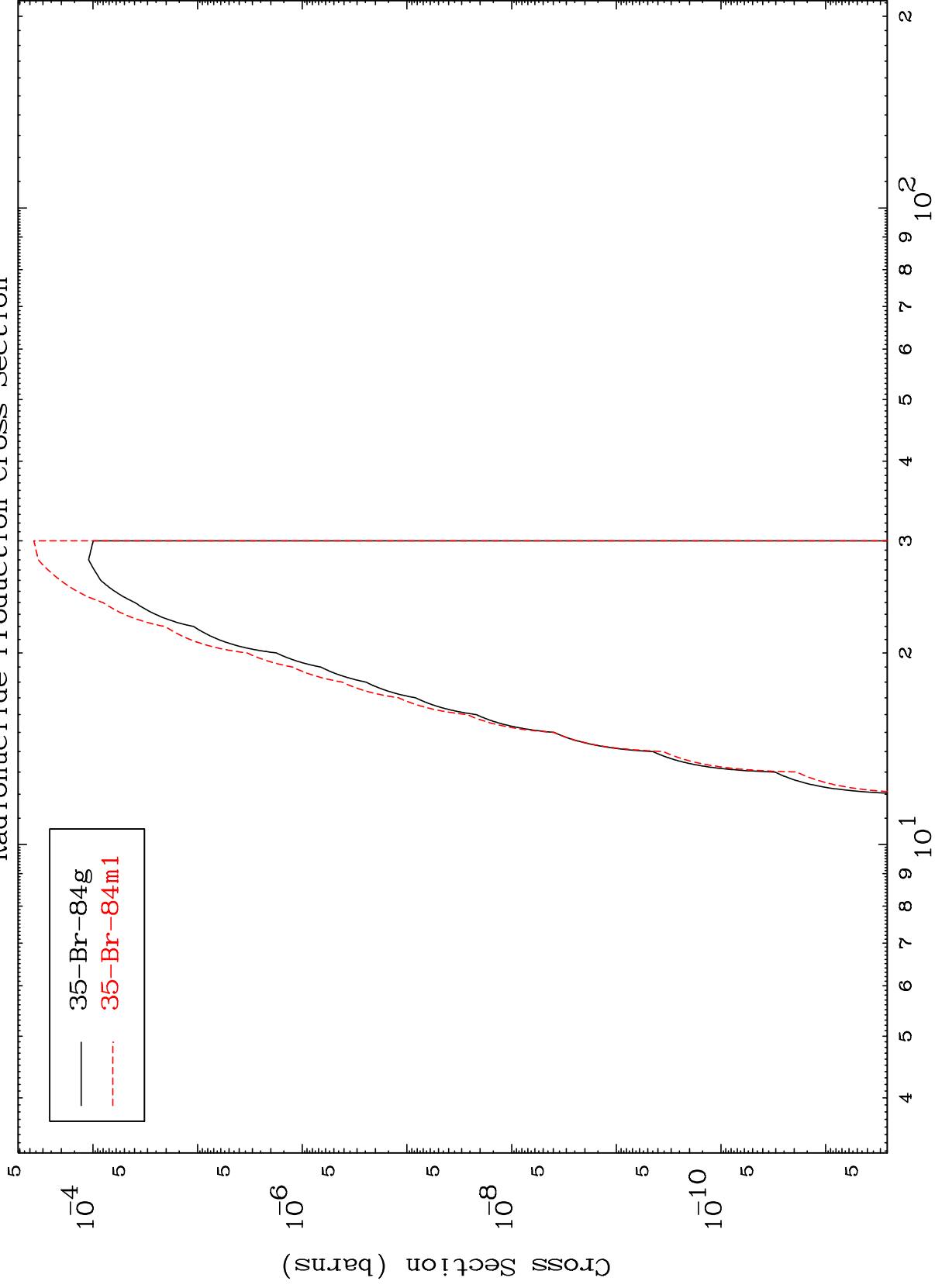
37-Rb-87

MAT 3731

37-Rb-87

(n,p)  $\alpha$

Radionuclide Production Cross Section



21

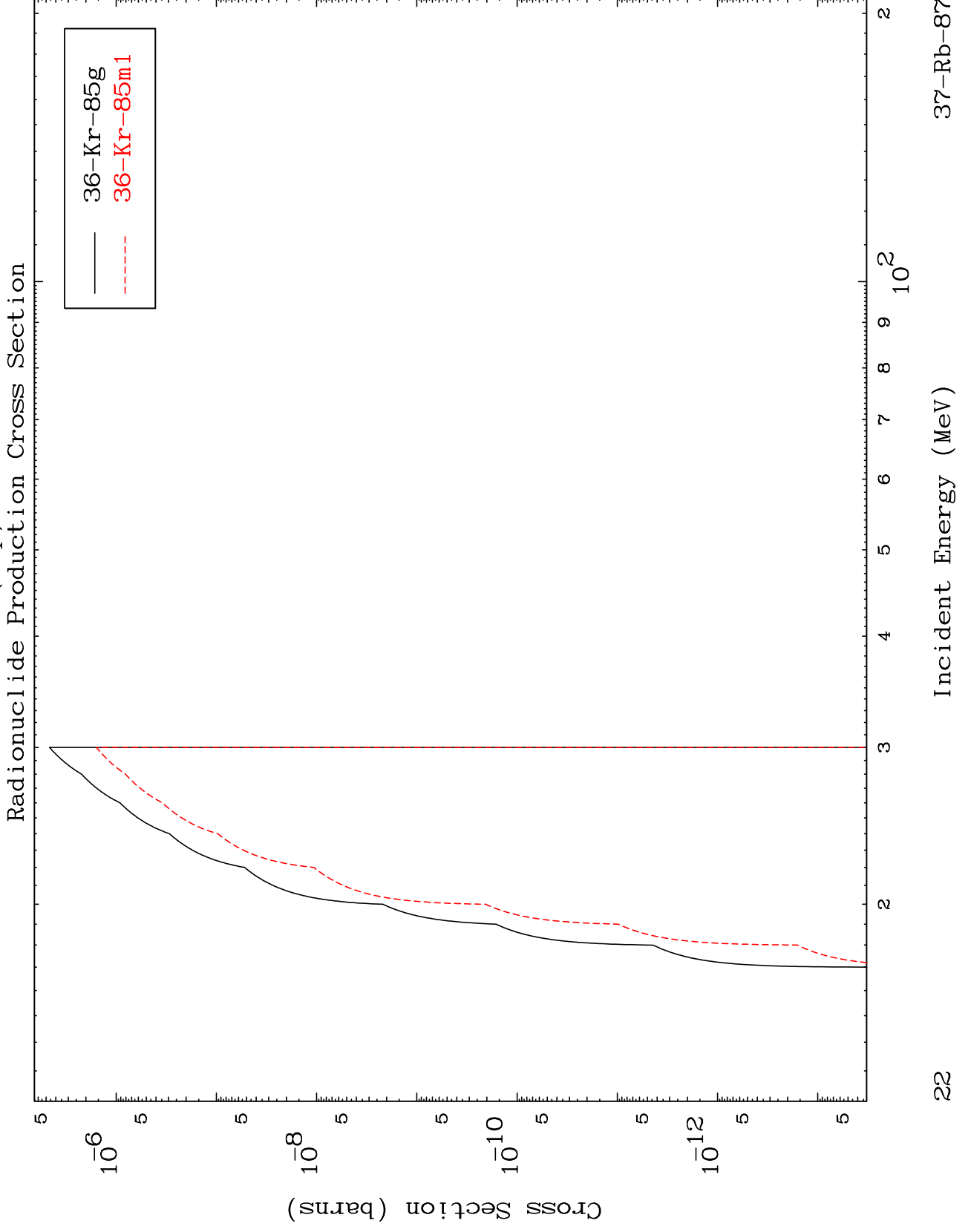
Incident Energy (MeV)

37-Rb-87

MAT 3731

(n,p) t

37-Rb-87



22

Incident Energy (MeV)

37-Rb-87