

Program EVALPLOT  
(Version 2021-1)

by

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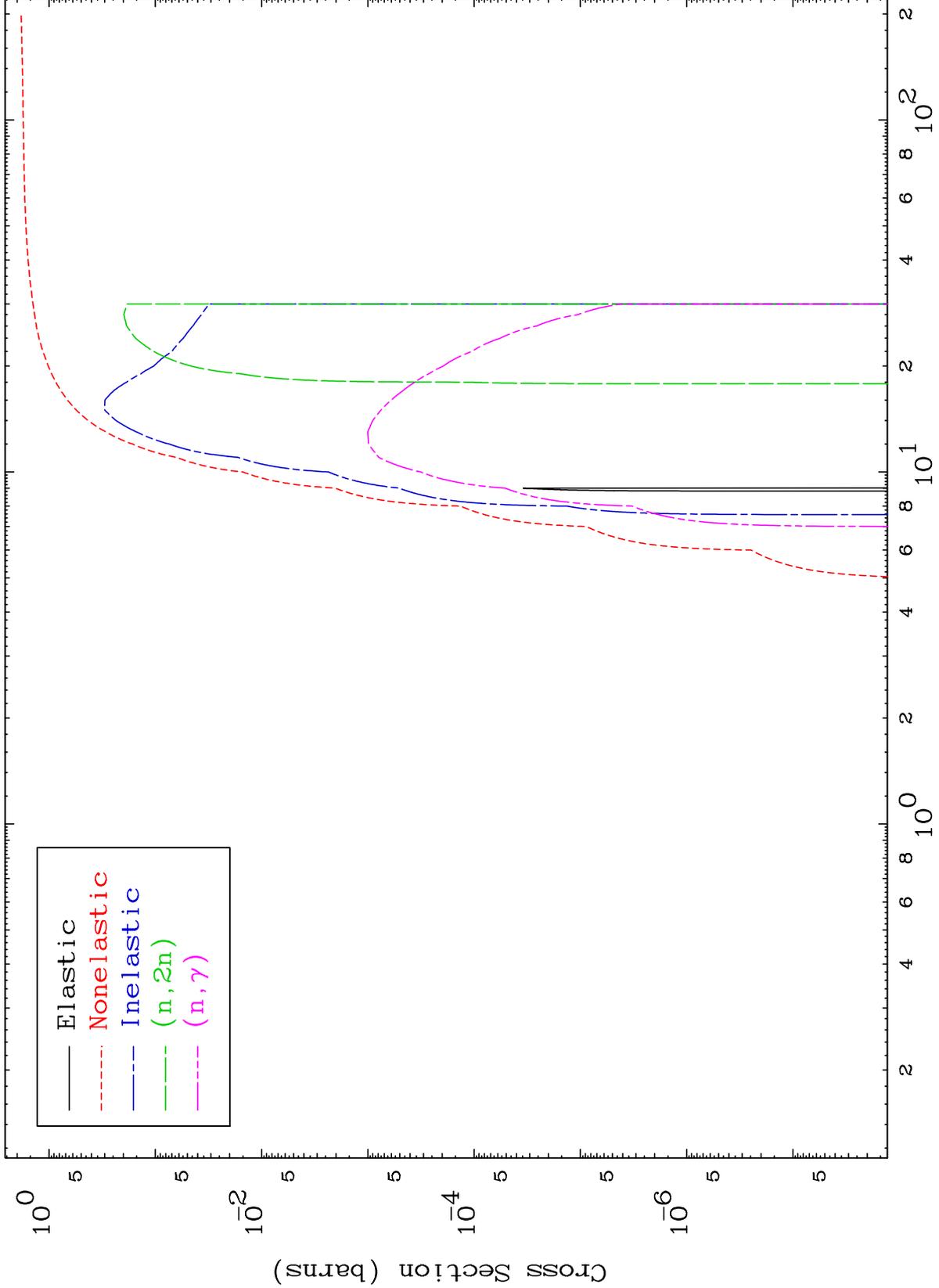
Press Mouse Button to Start

MAT 3713

$\alpha$  Major

37-Rb-81

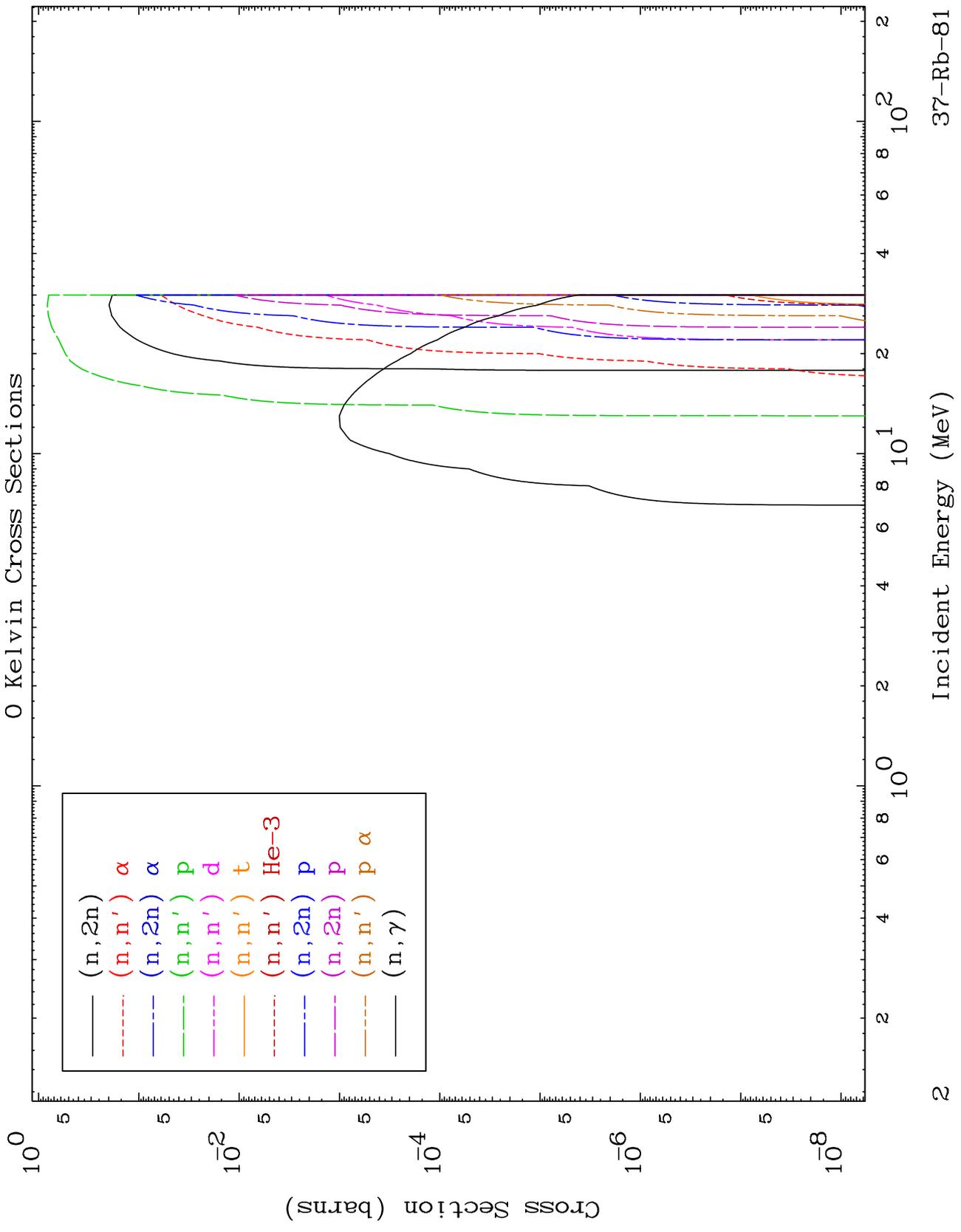
0 Kelvin Cross Sections

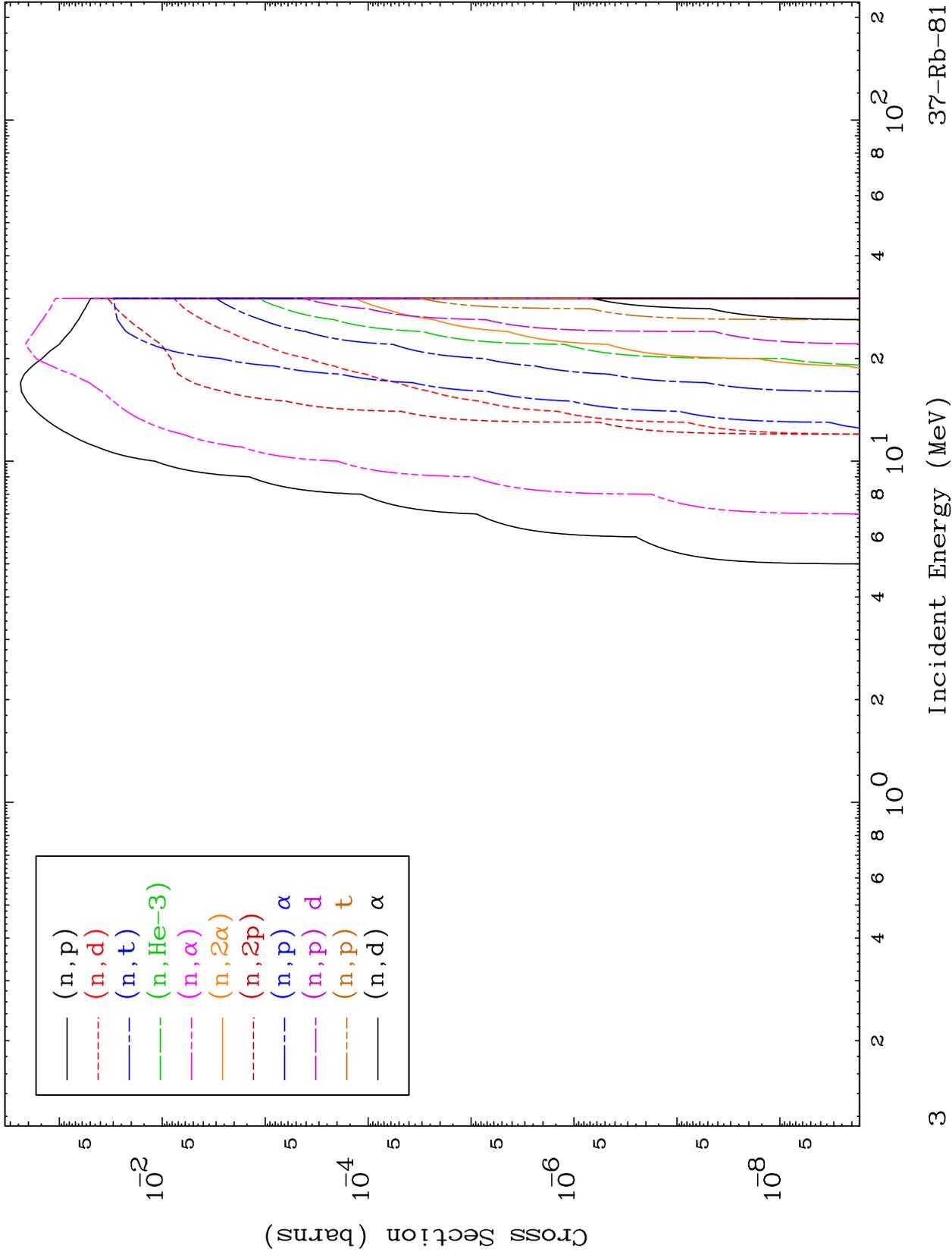


MAT 3713

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

37-Rb-81

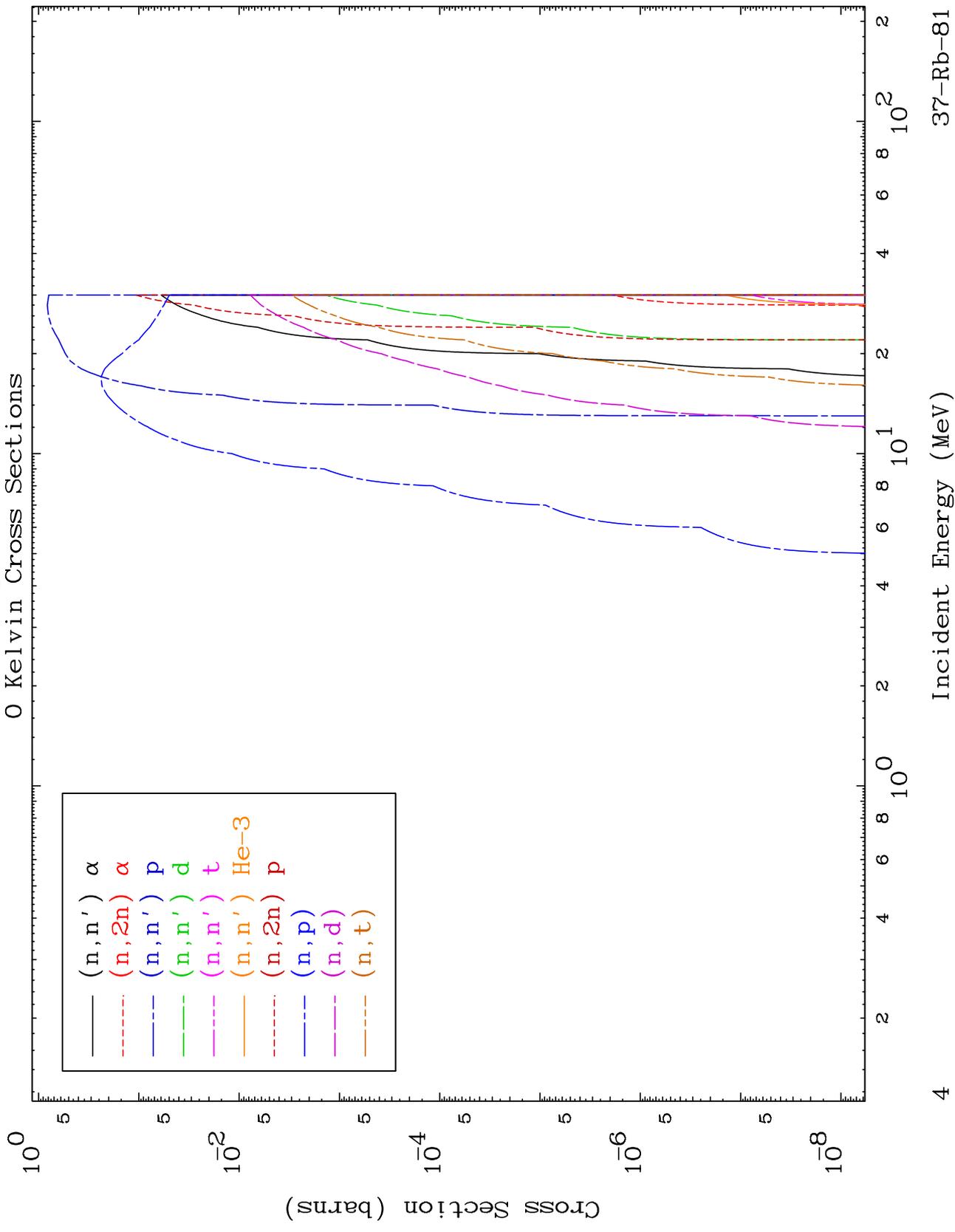




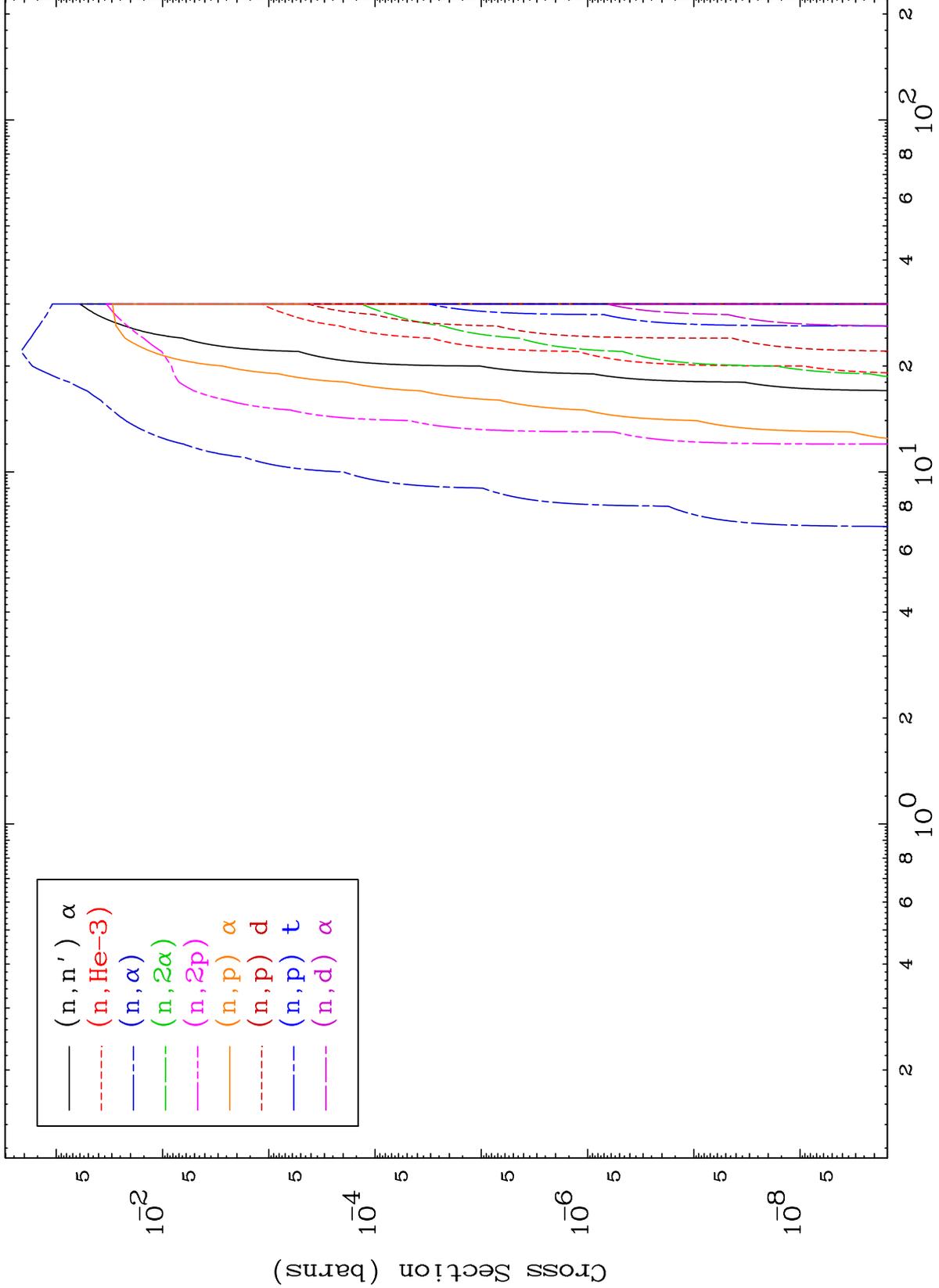
MAT 3713

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

37-Rb-81



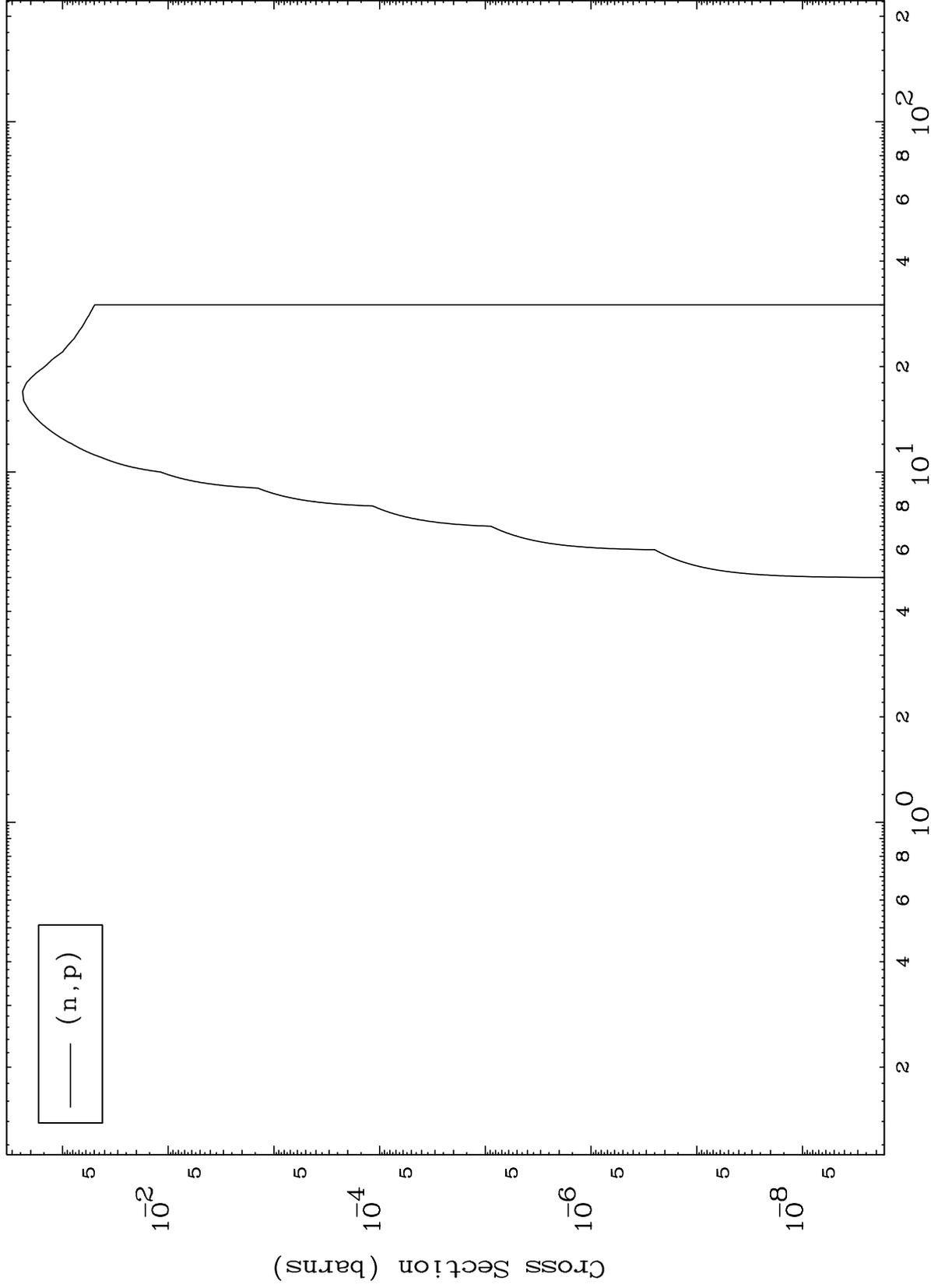
37-Rb-81



MAT 3713

37-Rb-81

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



37-Rb-81

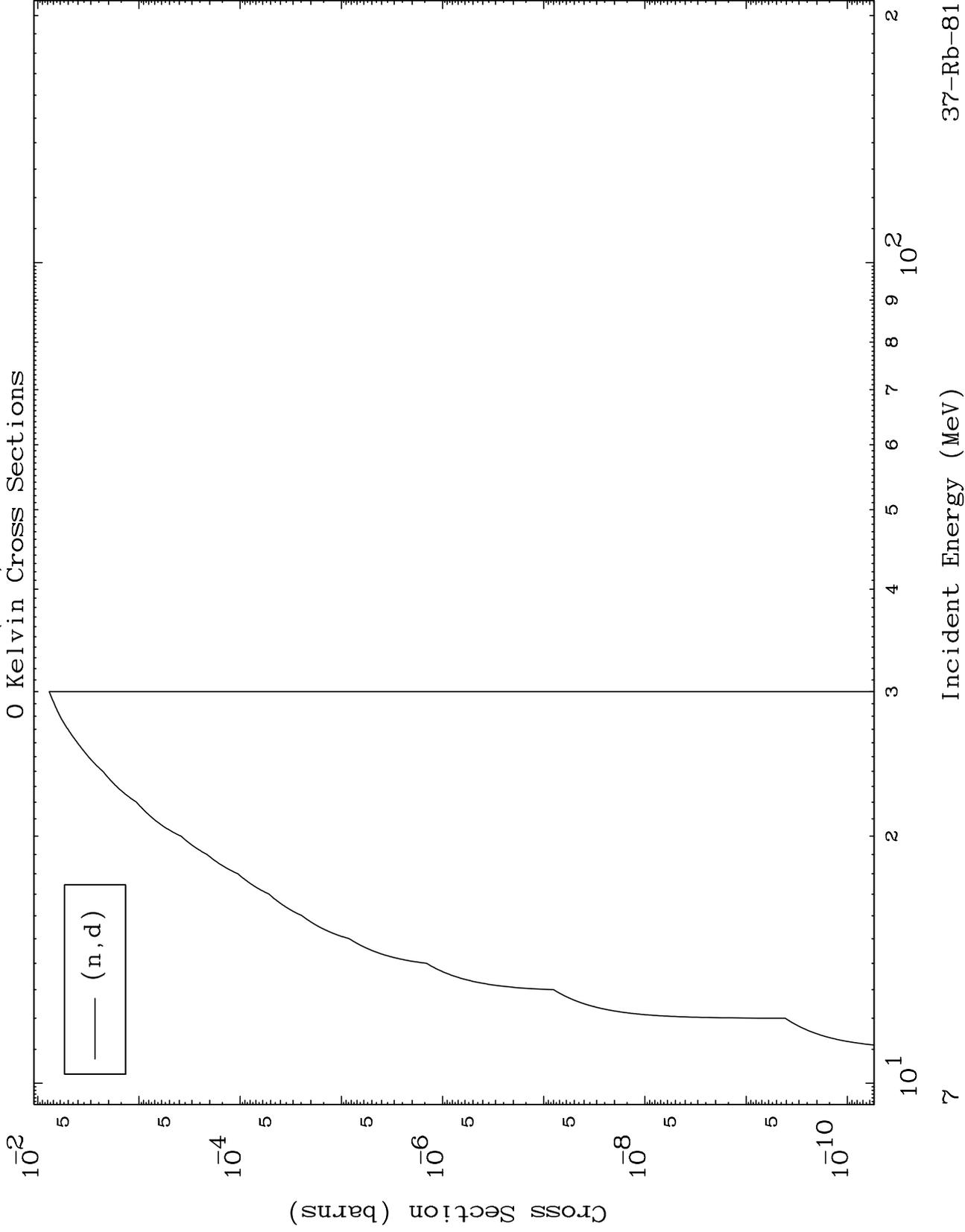
Incident Energy (MeV)

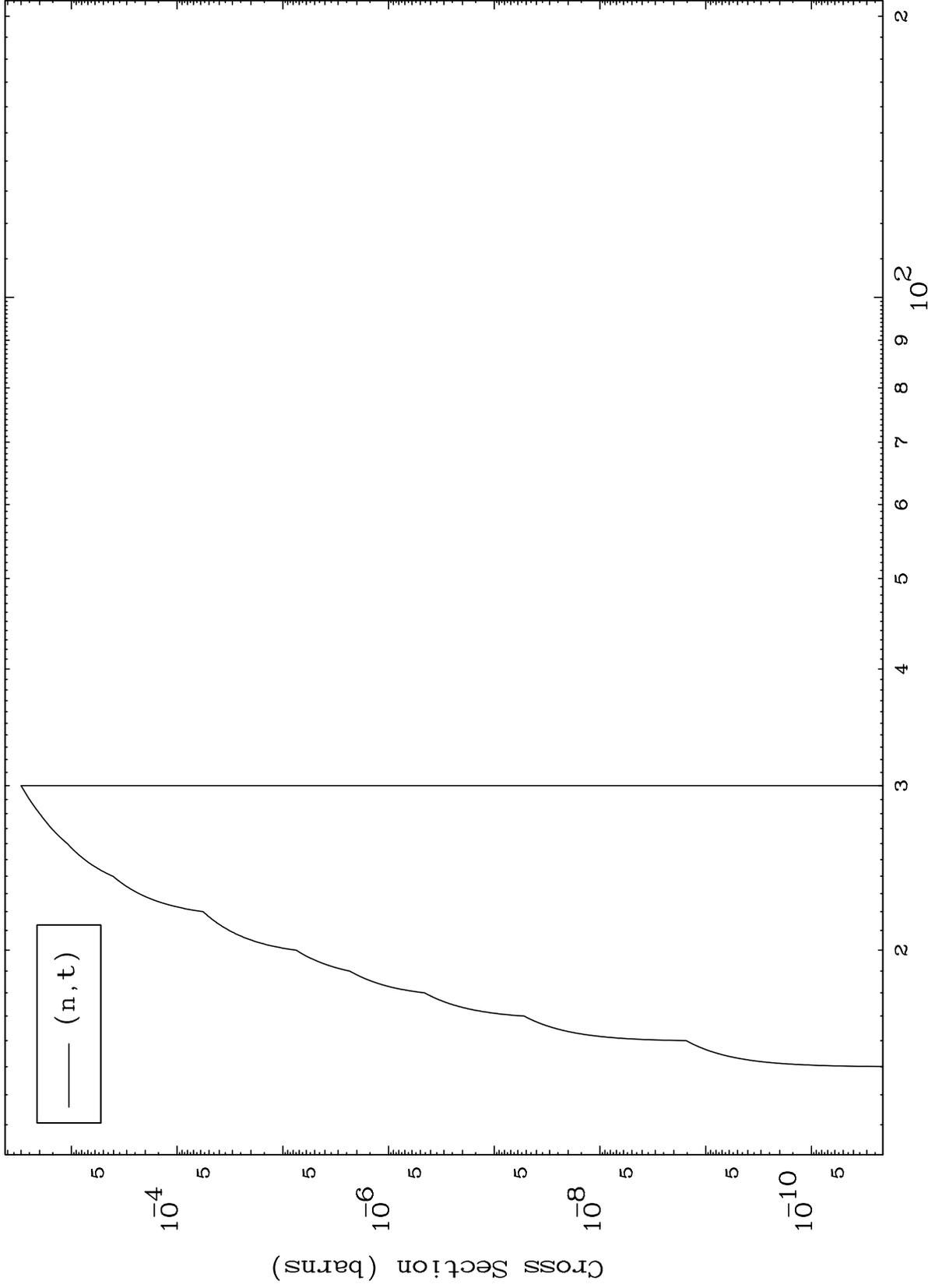
6

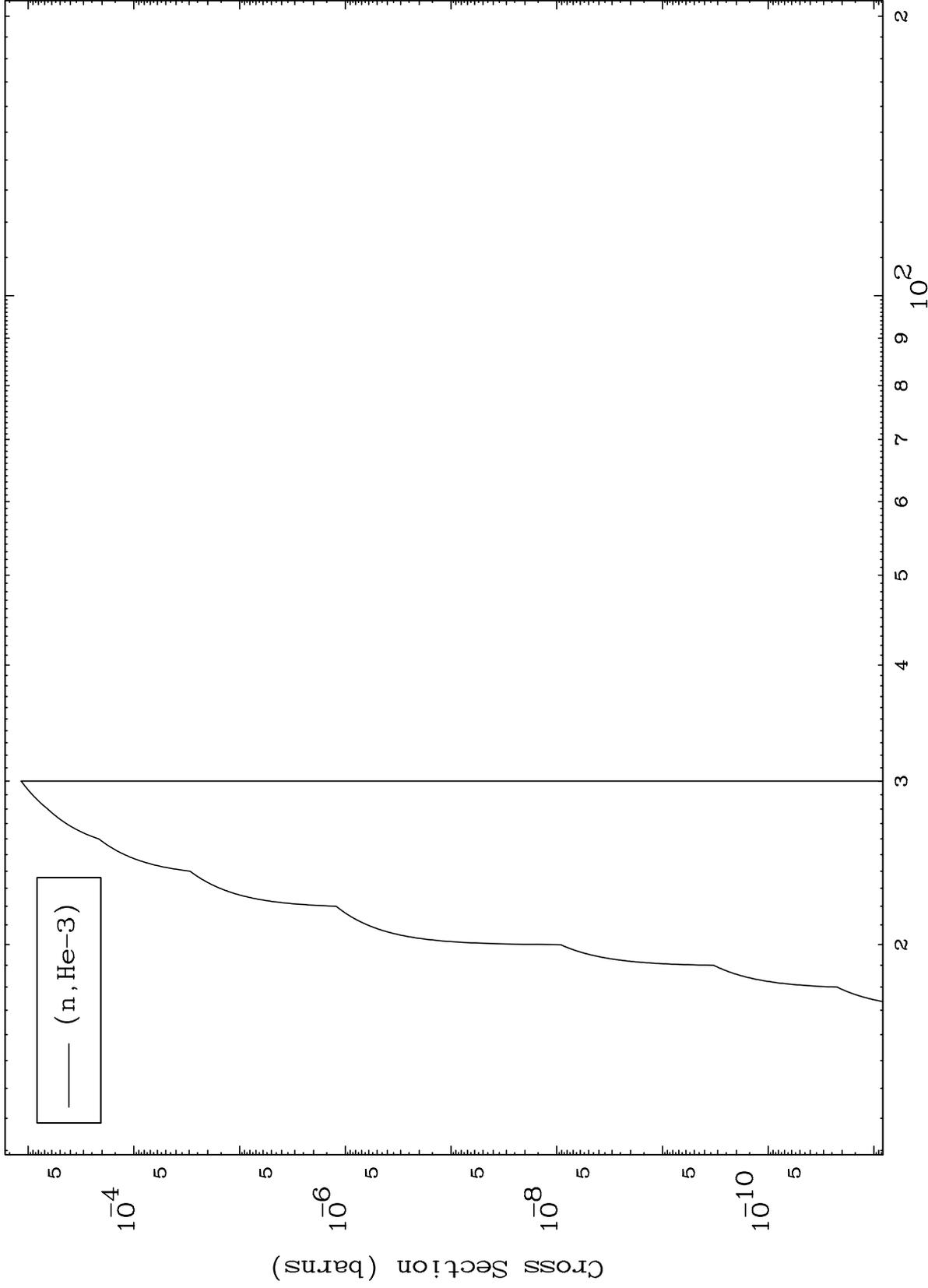
MAT 3713

( $\alpha, d$ ) Levels

37-Rb-81



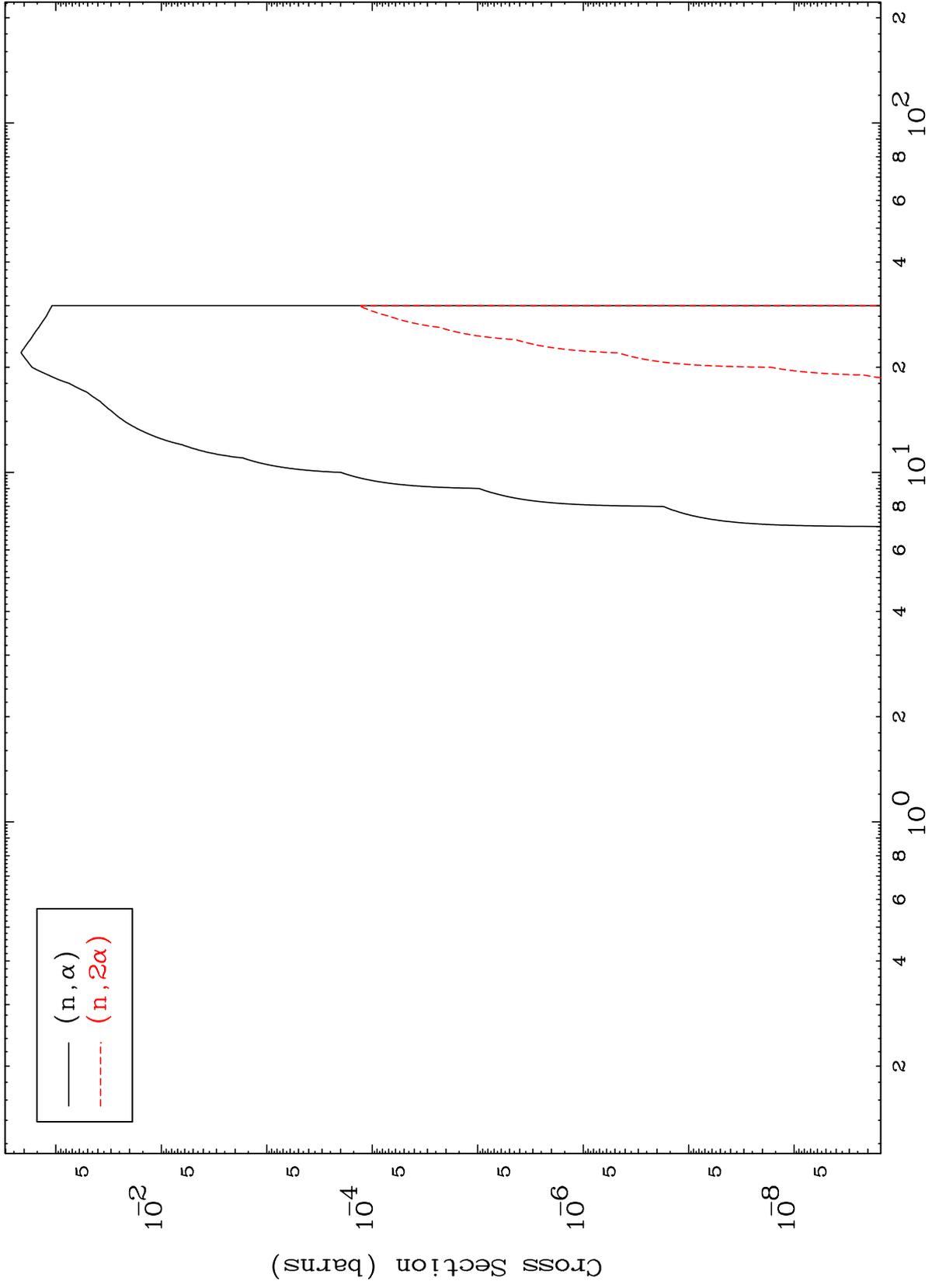




MAT 3713

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

<sup>37</sup>Rb-81



10

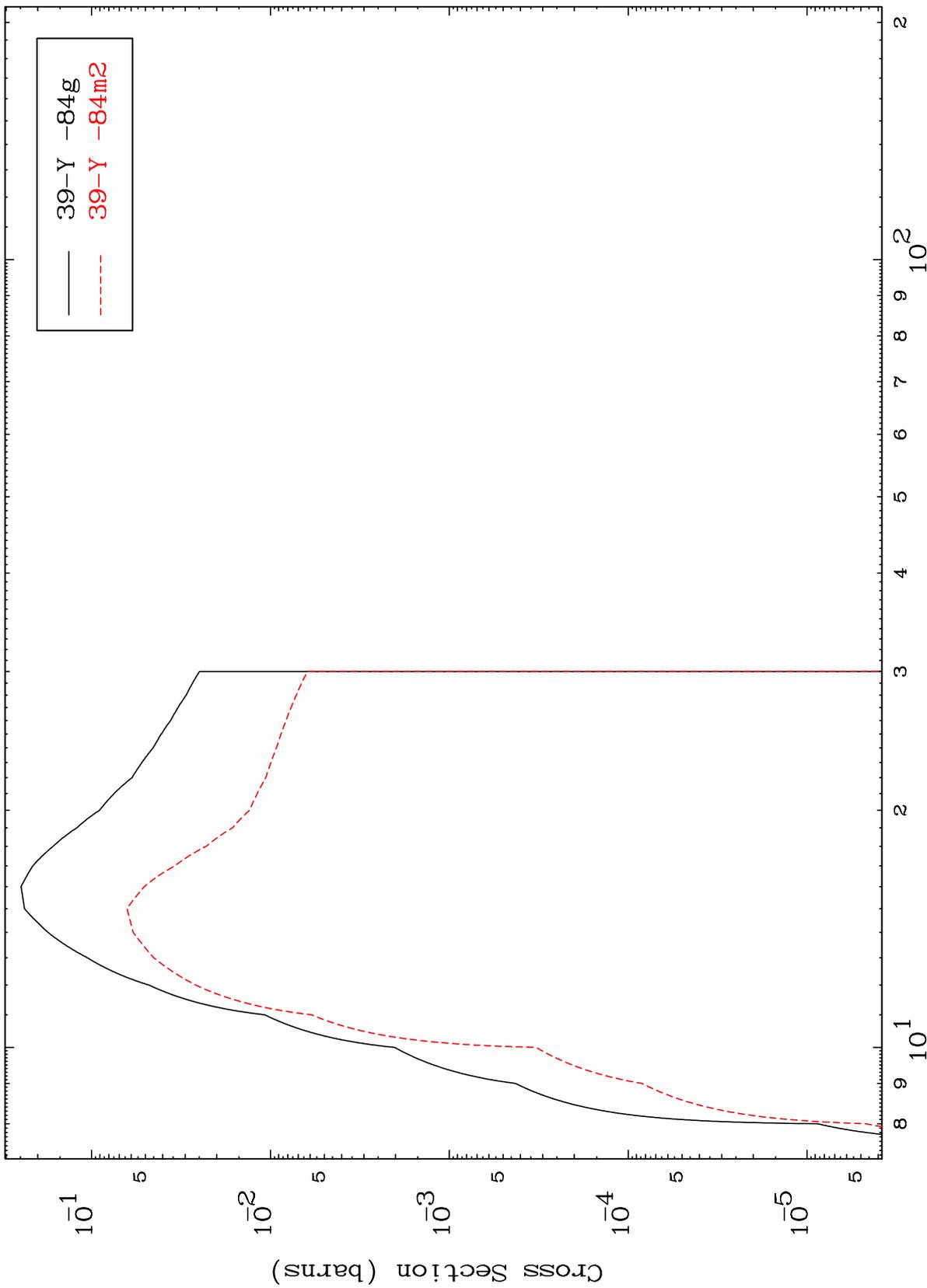
Incident Energy (MeV)

<sup>37</sup>Rb-81

MAT 3713

37-Rb-81

Inelastic  
Radionuclide Production Cross Section



11

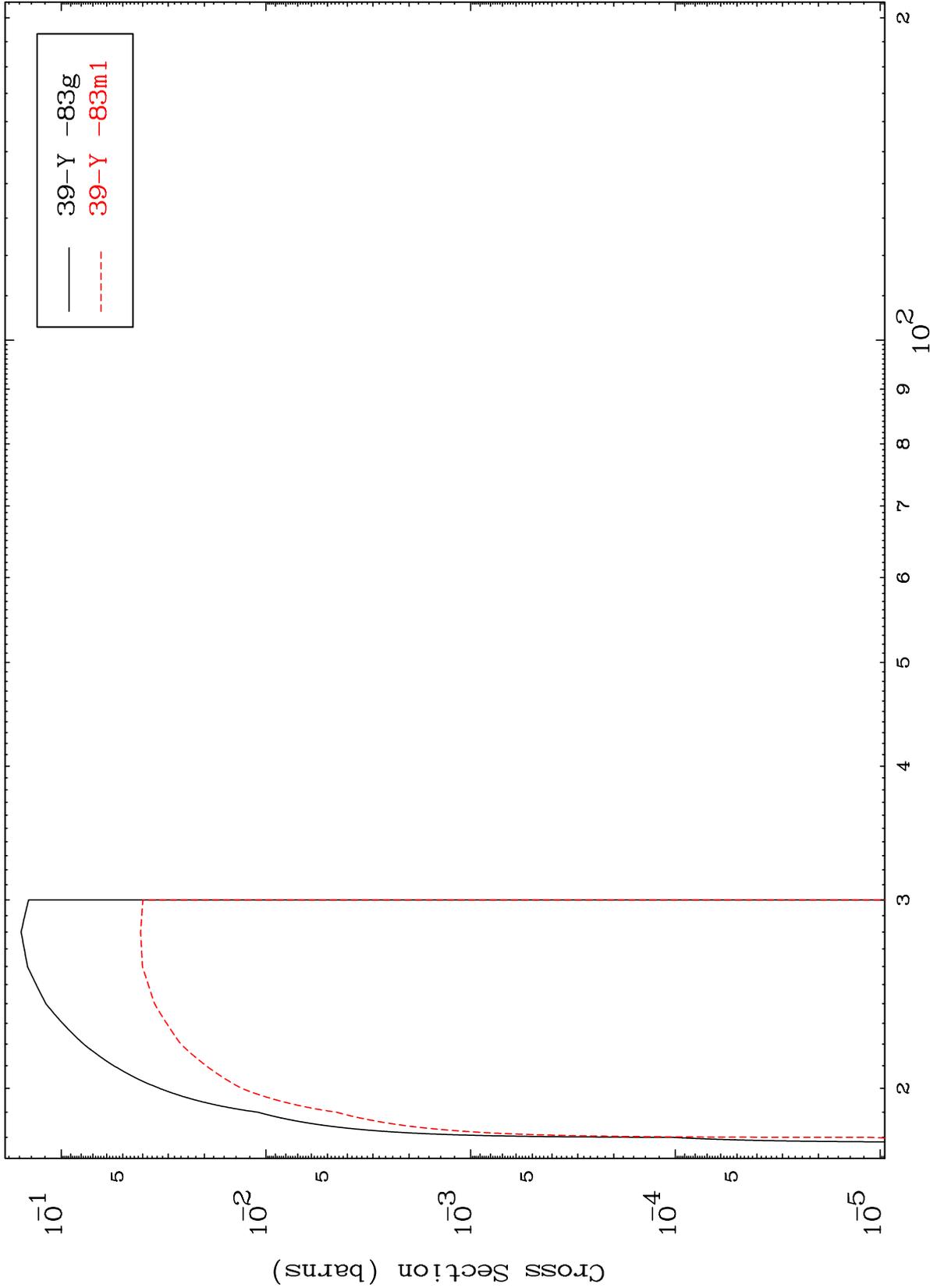
Incident Energy (MeV)

37-Rb-81

MAT 3713

37-Rb-81

(n,2n)  
Radionuclide Production Cross Section

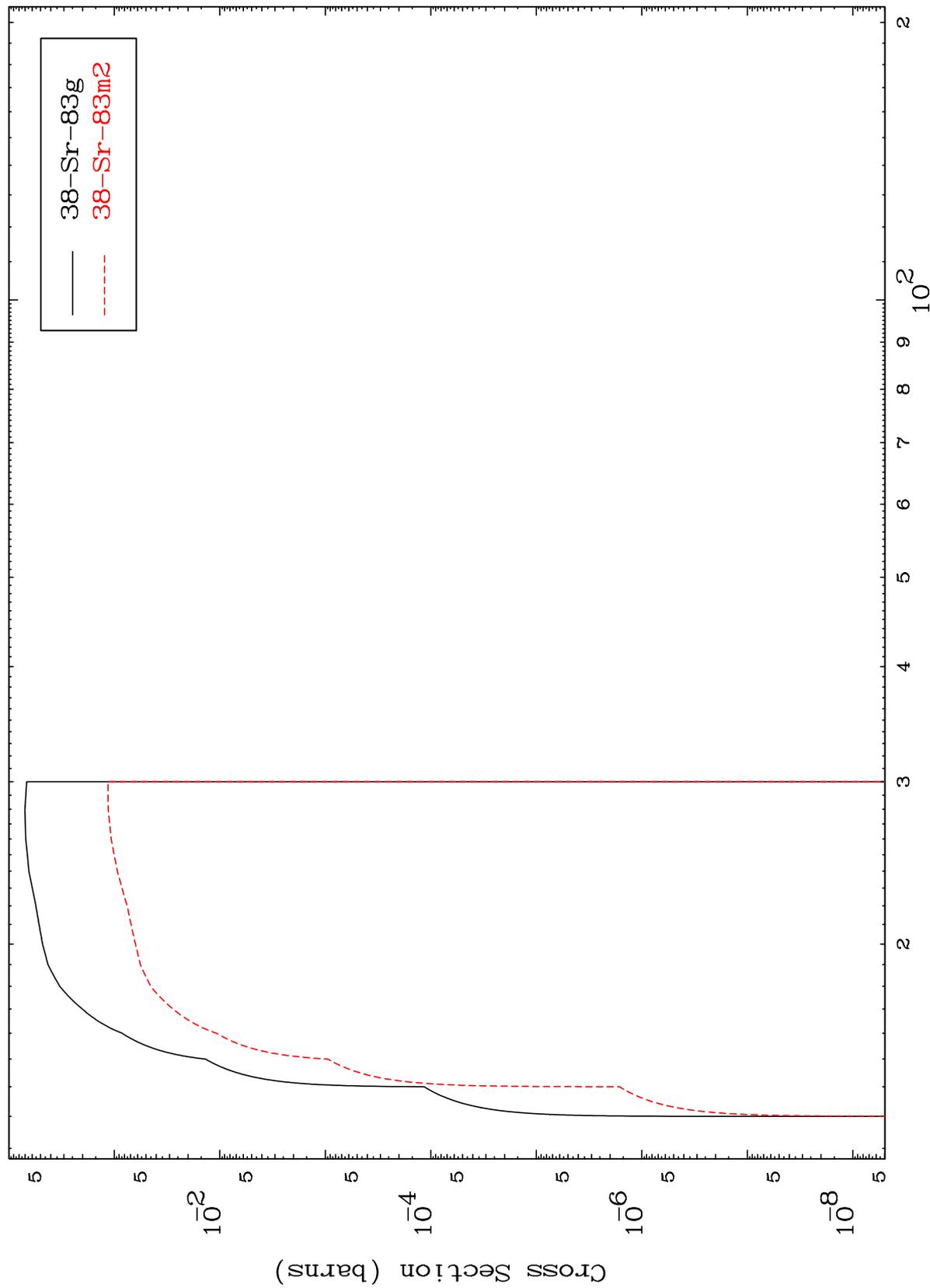


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Incident Energy (MeV)

37-Rb-81

Radionuclide Production Cross Section



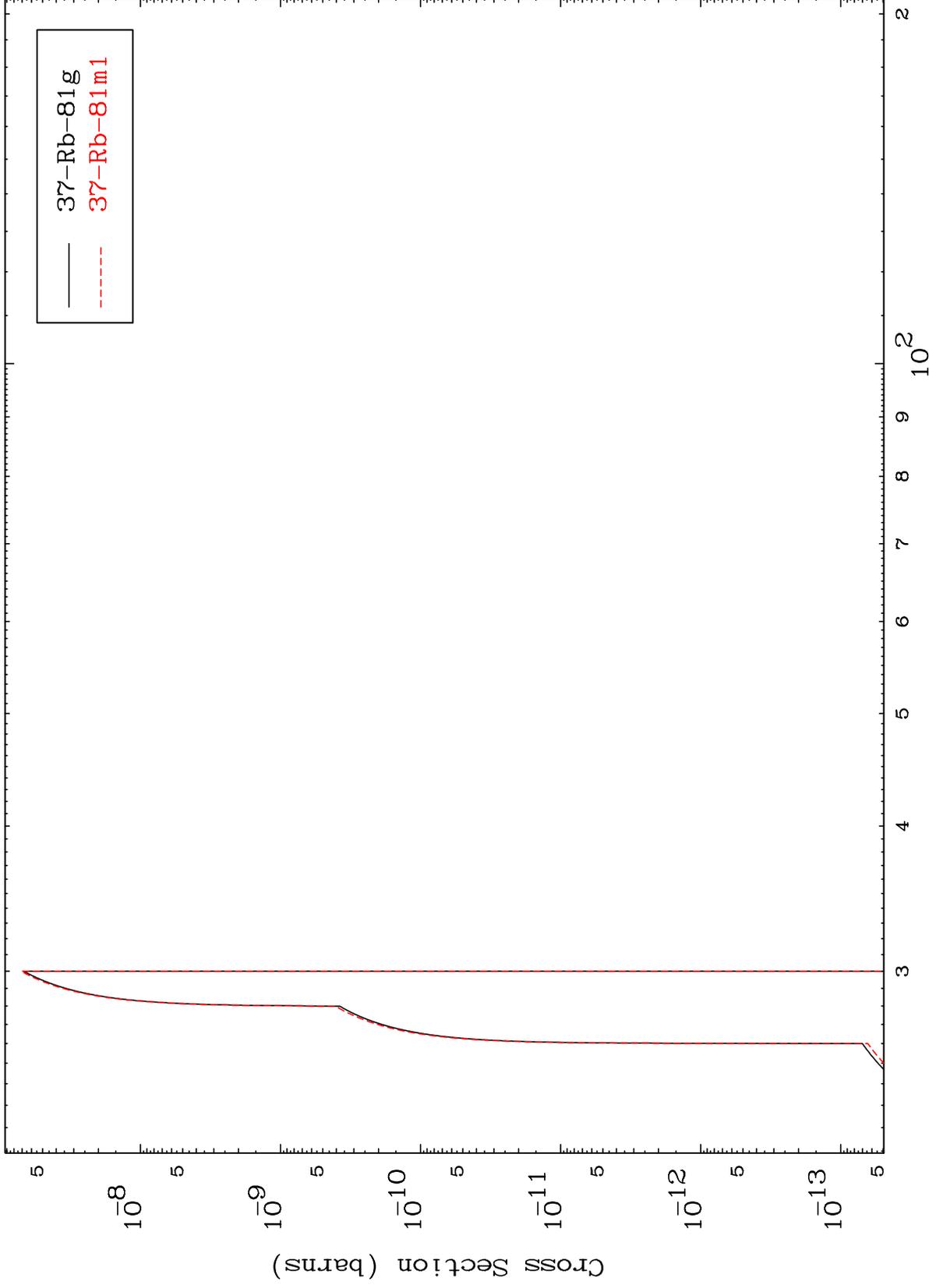
38-Sr-83g  
38-Sr-83m2

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(n,n') He-3

37-Rb-81

Radionuclide Production Cross Section



14

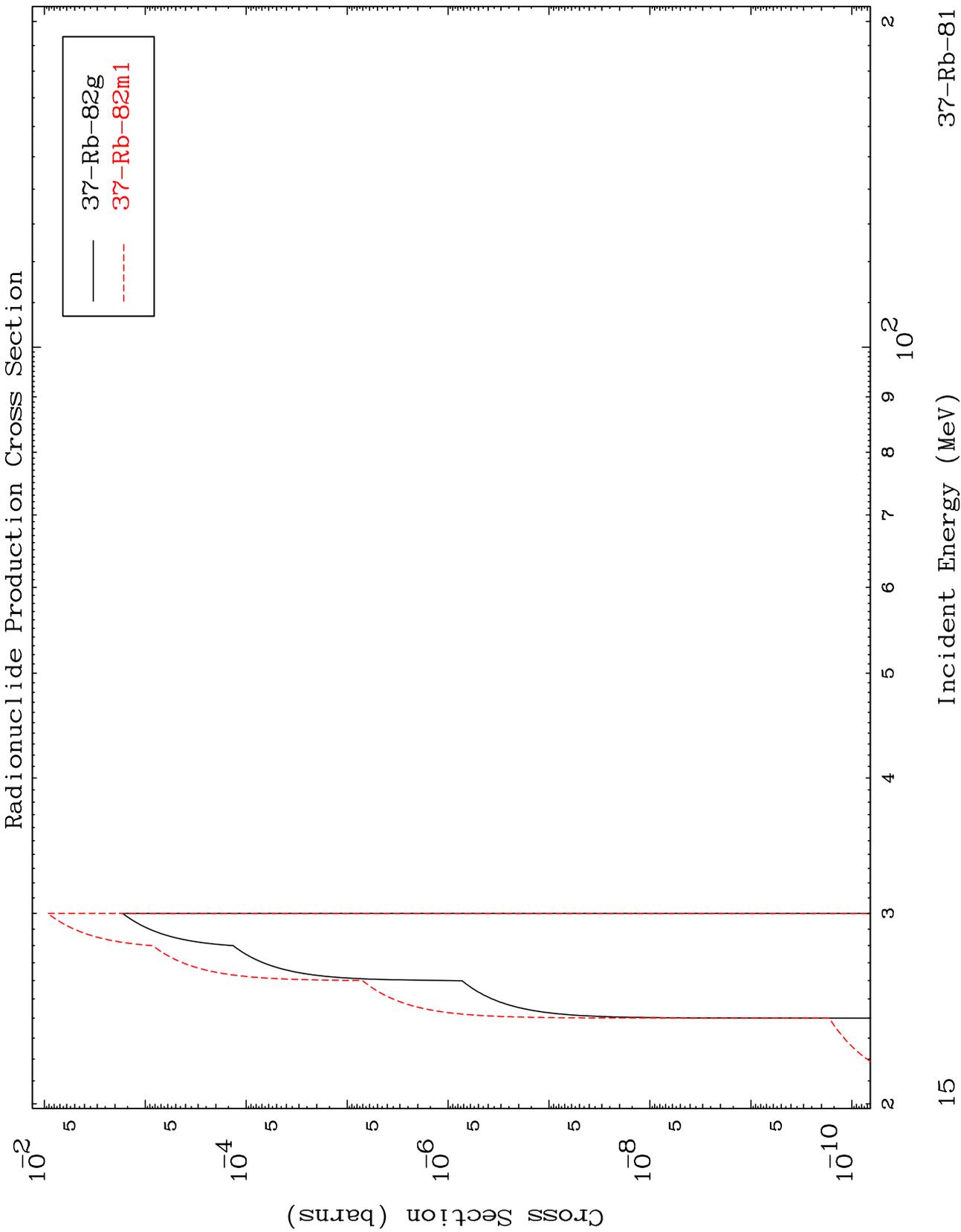
Incident Energy (MeV)

37-Rb-81

MAT 3713

(n,2n) p

37-Rb-81



15

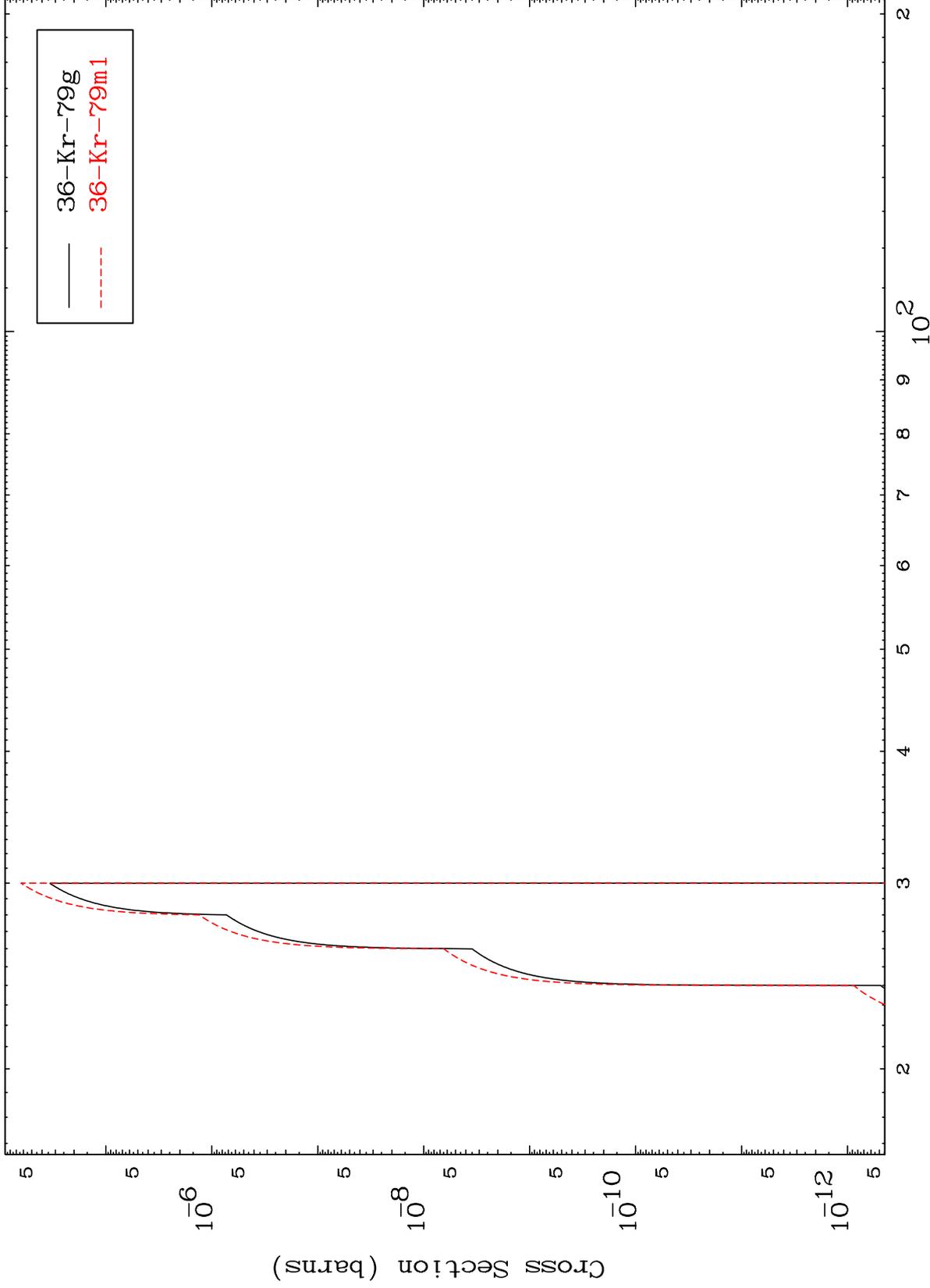
37-Rb-81

MAT 3713

(n,n') p  $\alpha$

37-Rb-81

Radionuclide Production Cross Section



16

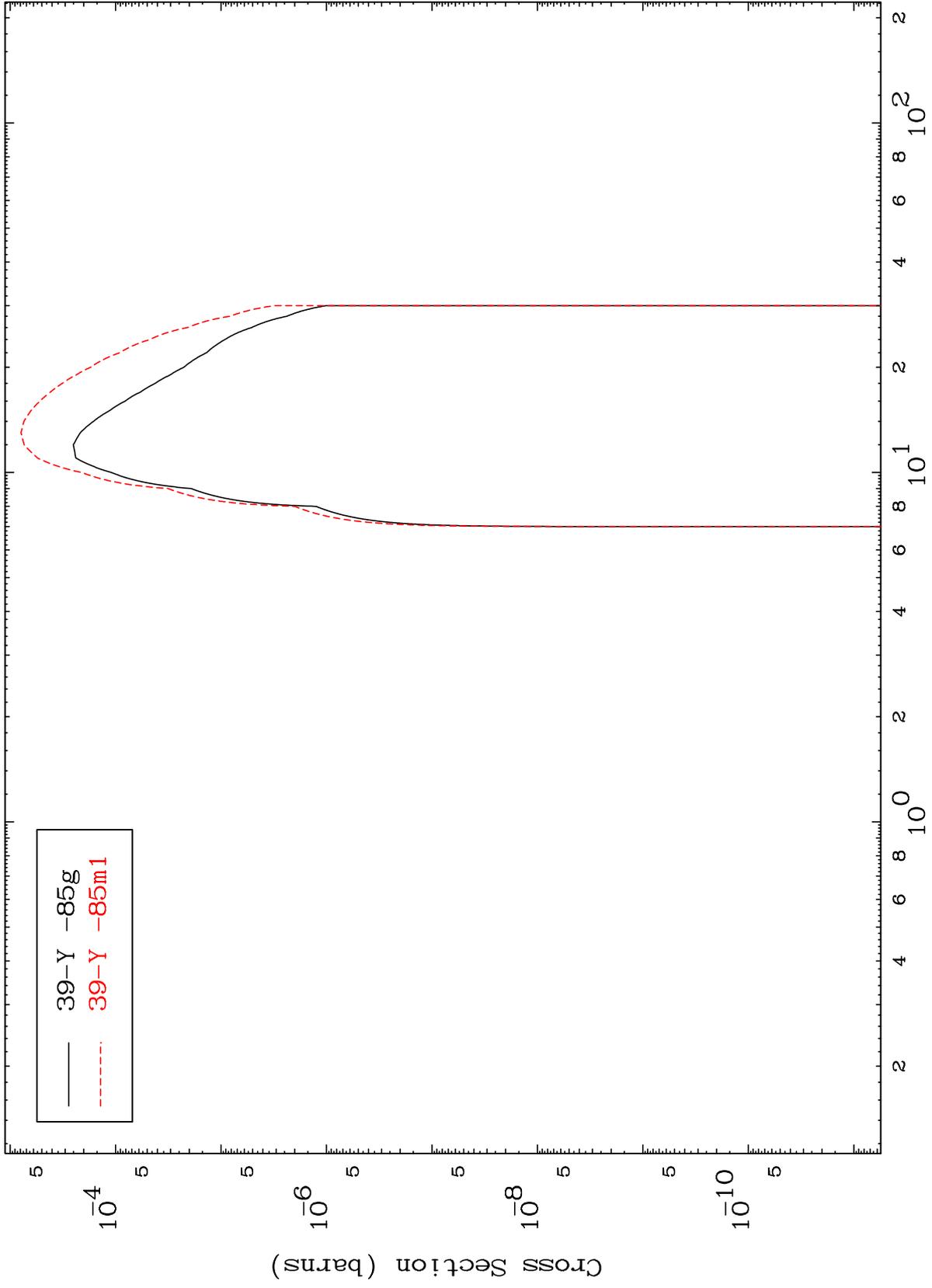
Incident Energy (MeV)

37-Rb-81

MAT 3713

37-Rb-81

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



17

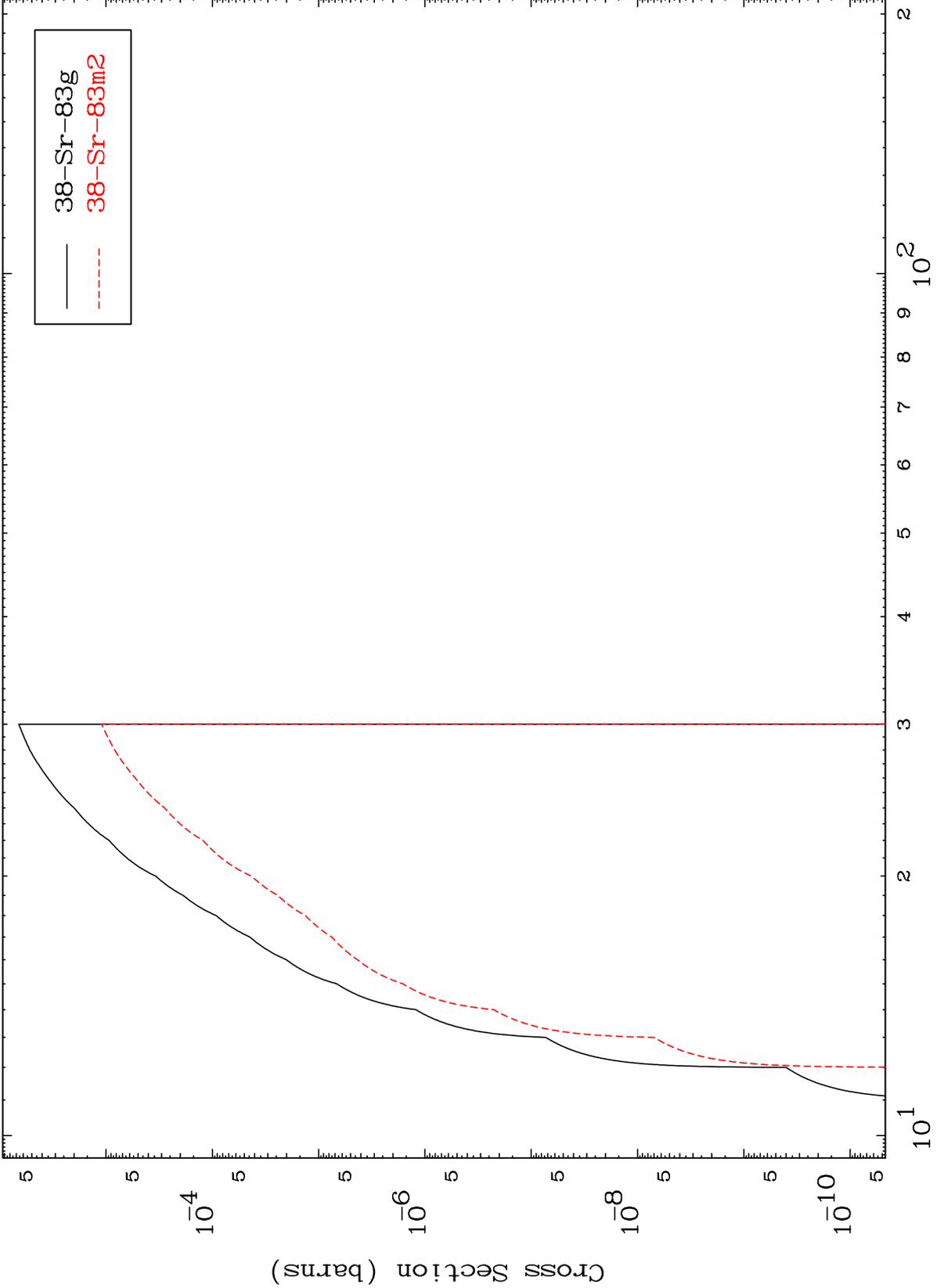
37-Rb-81

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(n,d)

37-Rb-81

Radionuclide Production Cross Section



Incident Energy (MeV)

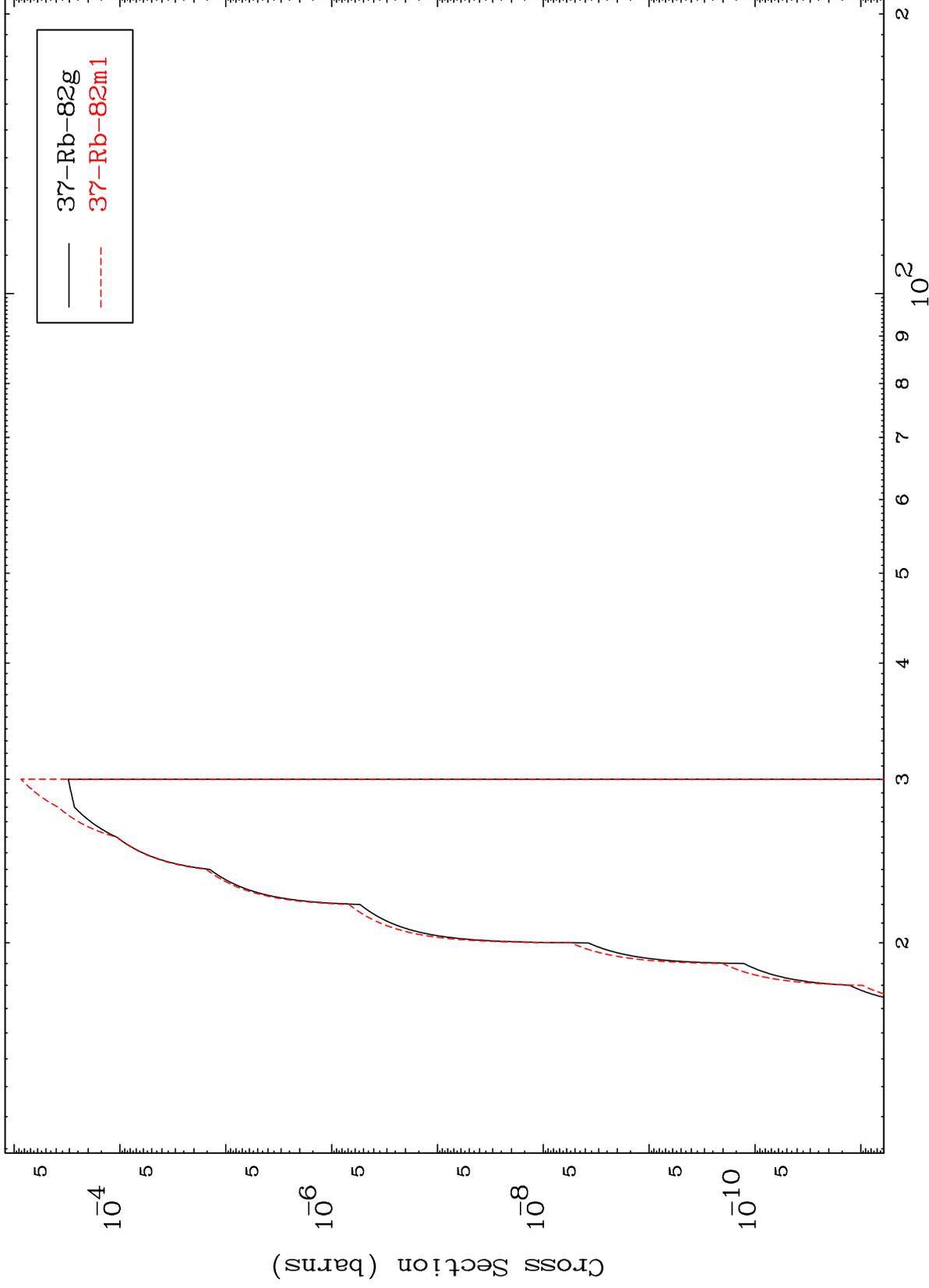
37-Rb-81

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(n,He-3)

37-Rb-81

Radionuclide Production Cross Section



19

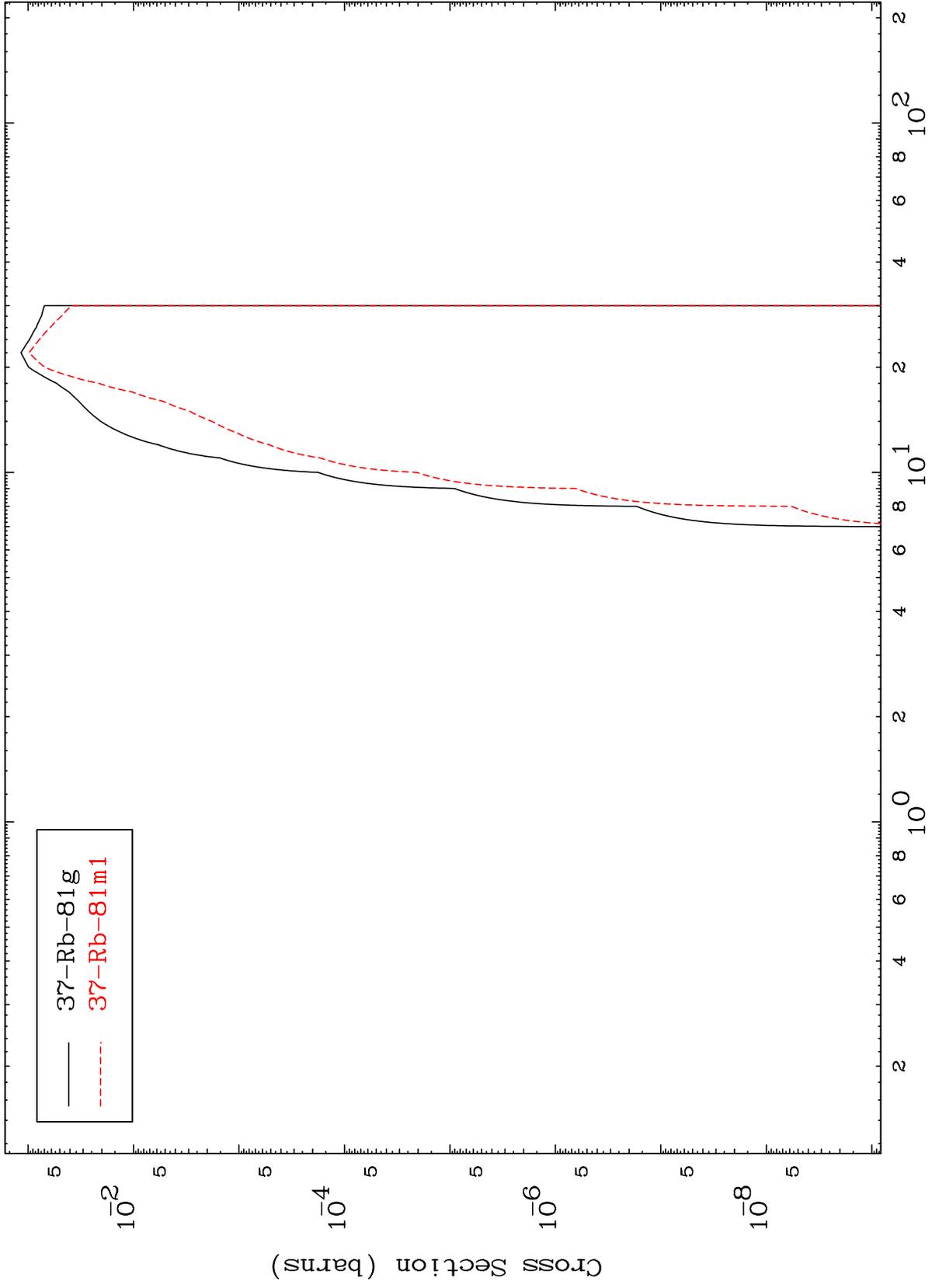
Incident Energy (MeV)

37-Rb-81

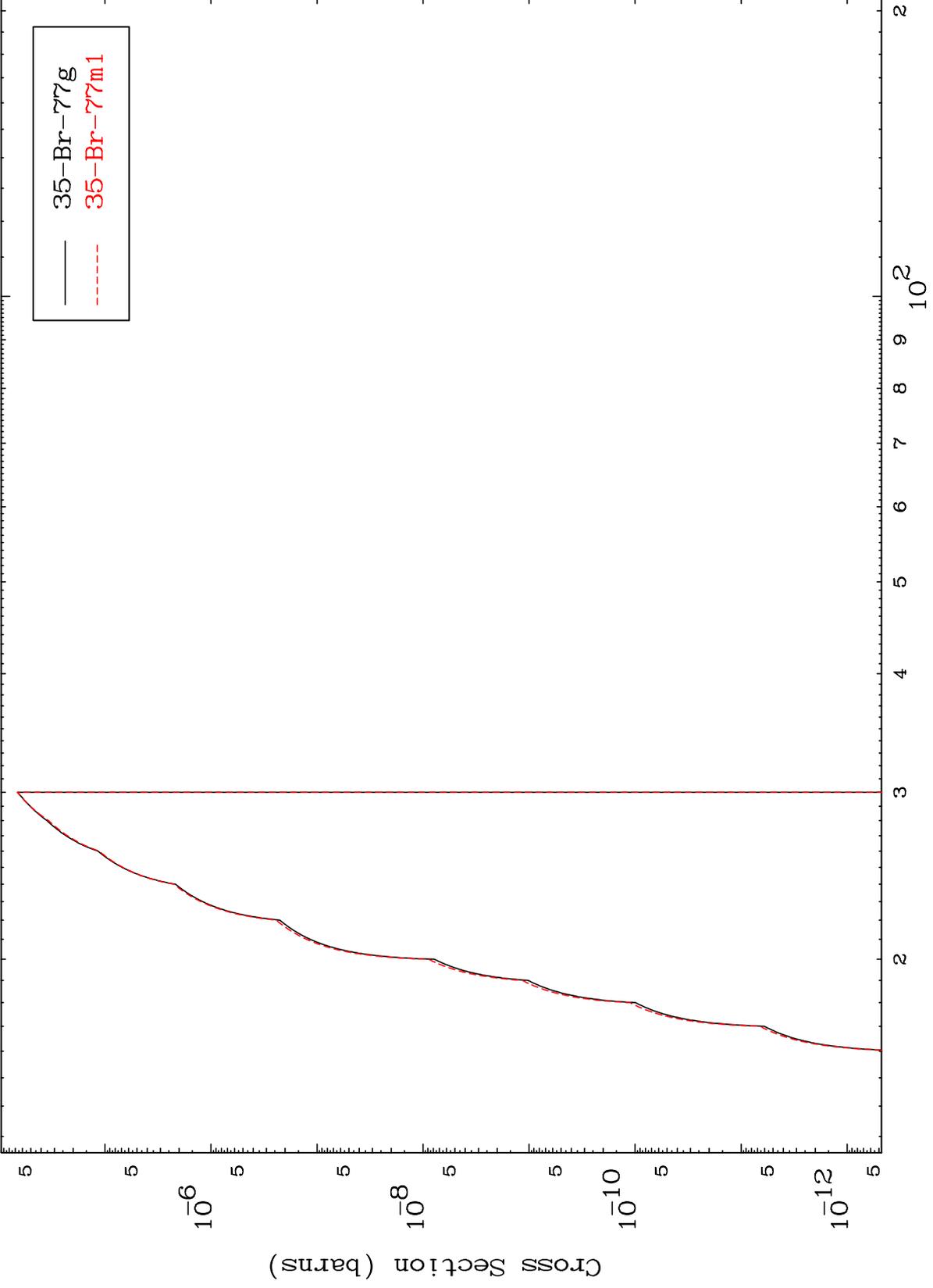
MAT 3713

<sup>37</sup>Rb-81

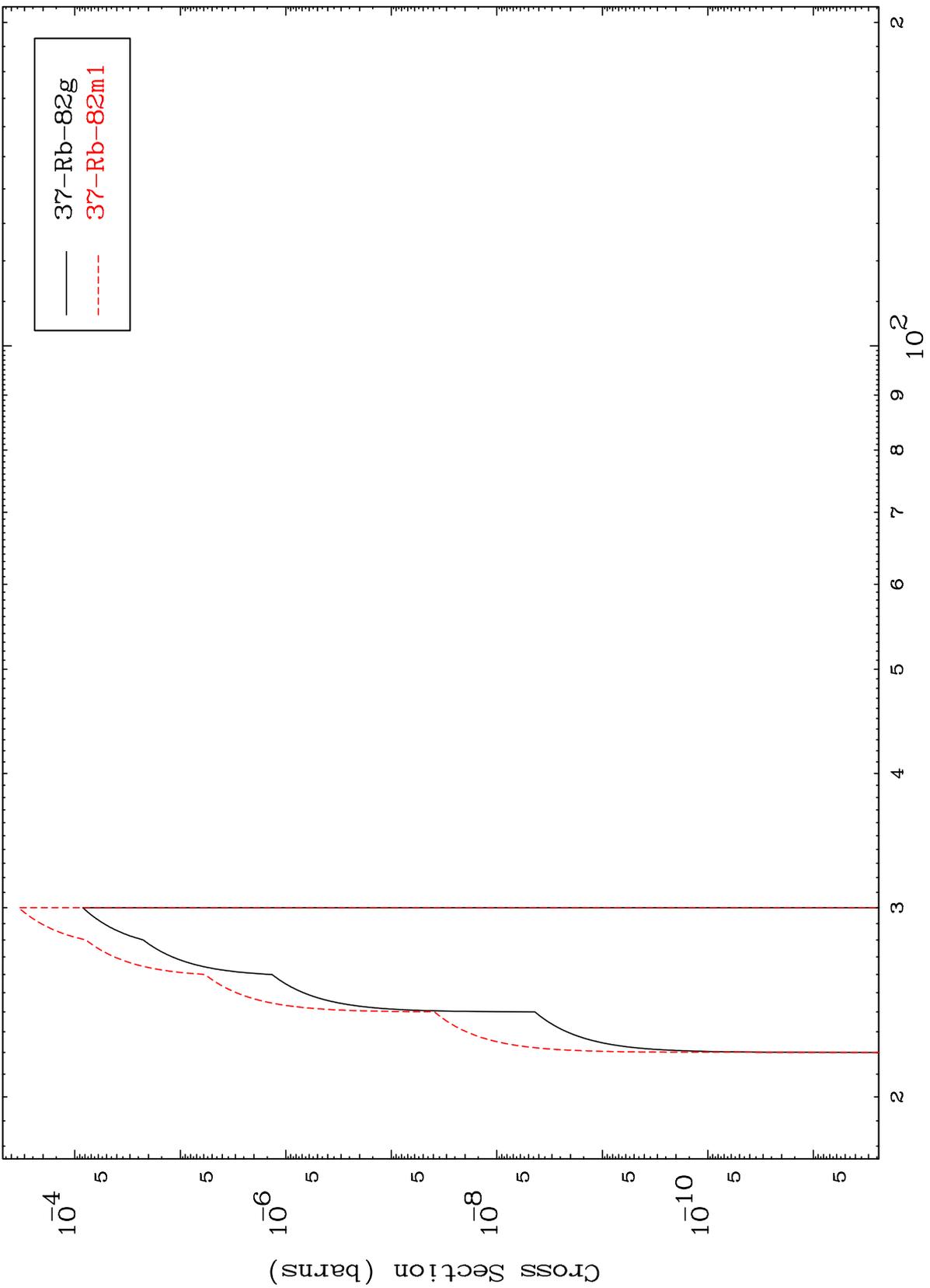
Radionuclide Production Cross Section  
(n,  $\alpha$ )



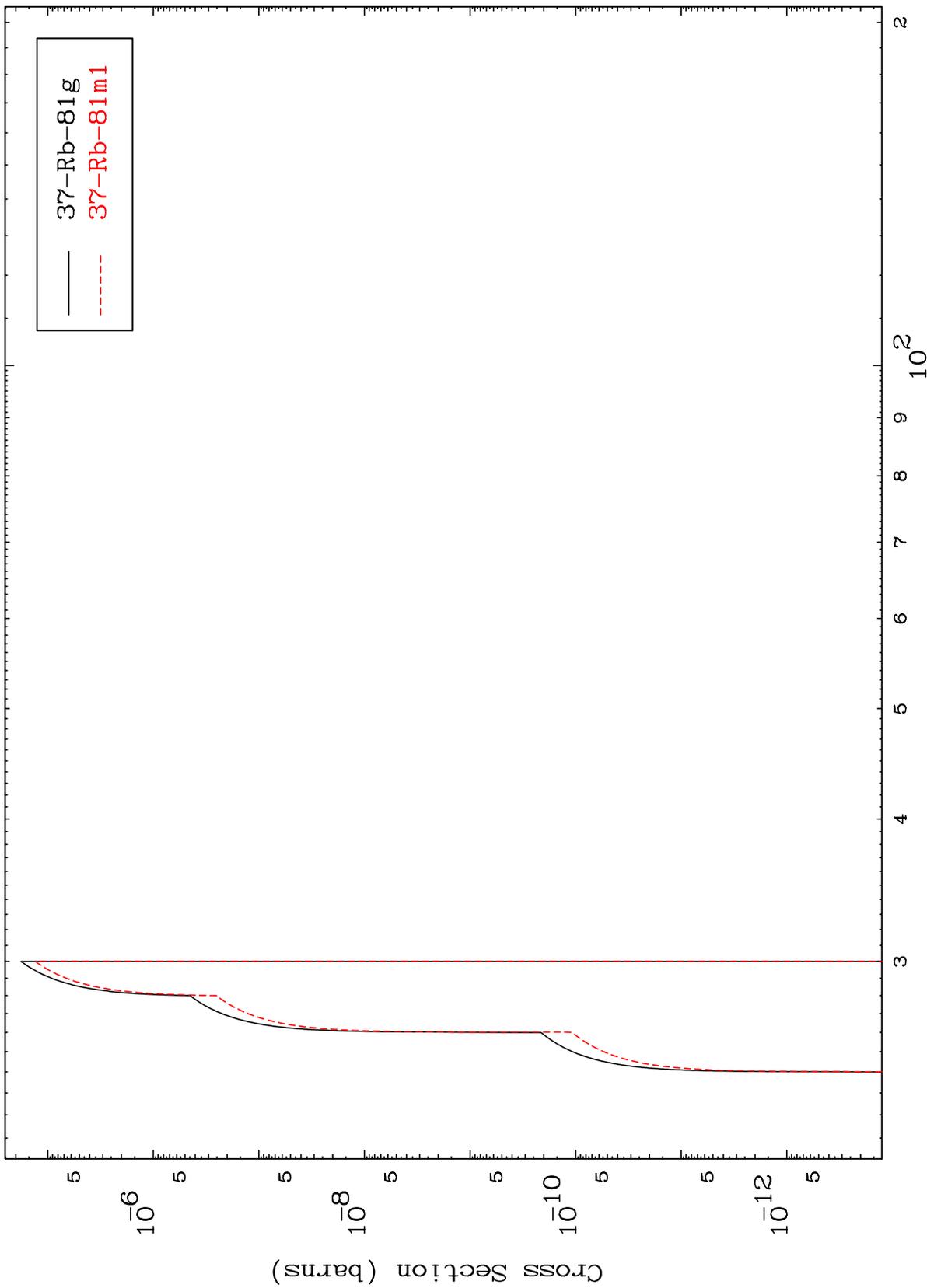
(n,2α)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section



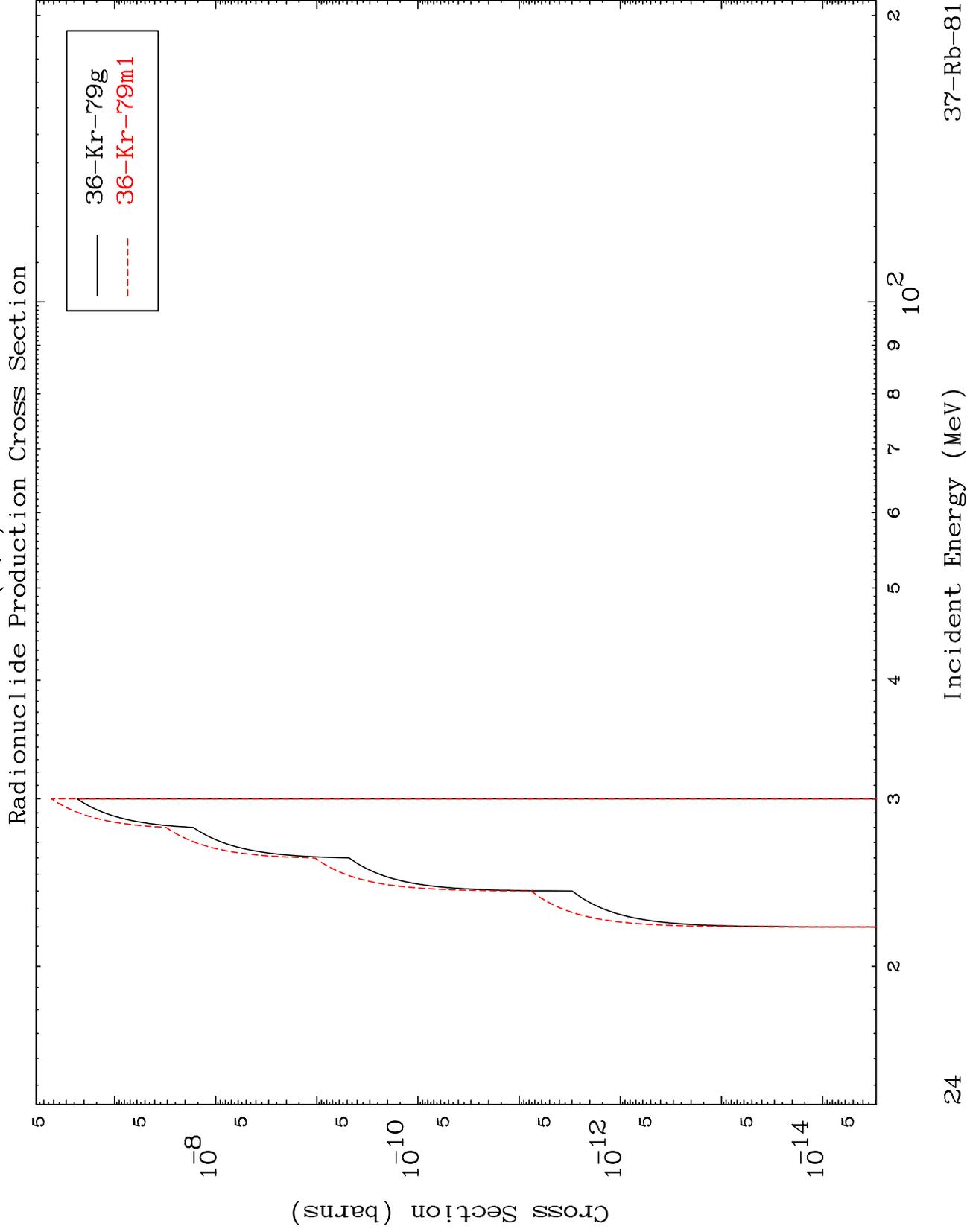
Radionuclide Production Cross Section



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(n,d)  $\alpha$

37-Rb-81



24

Incident Energy (MeV)

37-Rb-81