

Program EVALPLOT  
(Version 2021-1)

by

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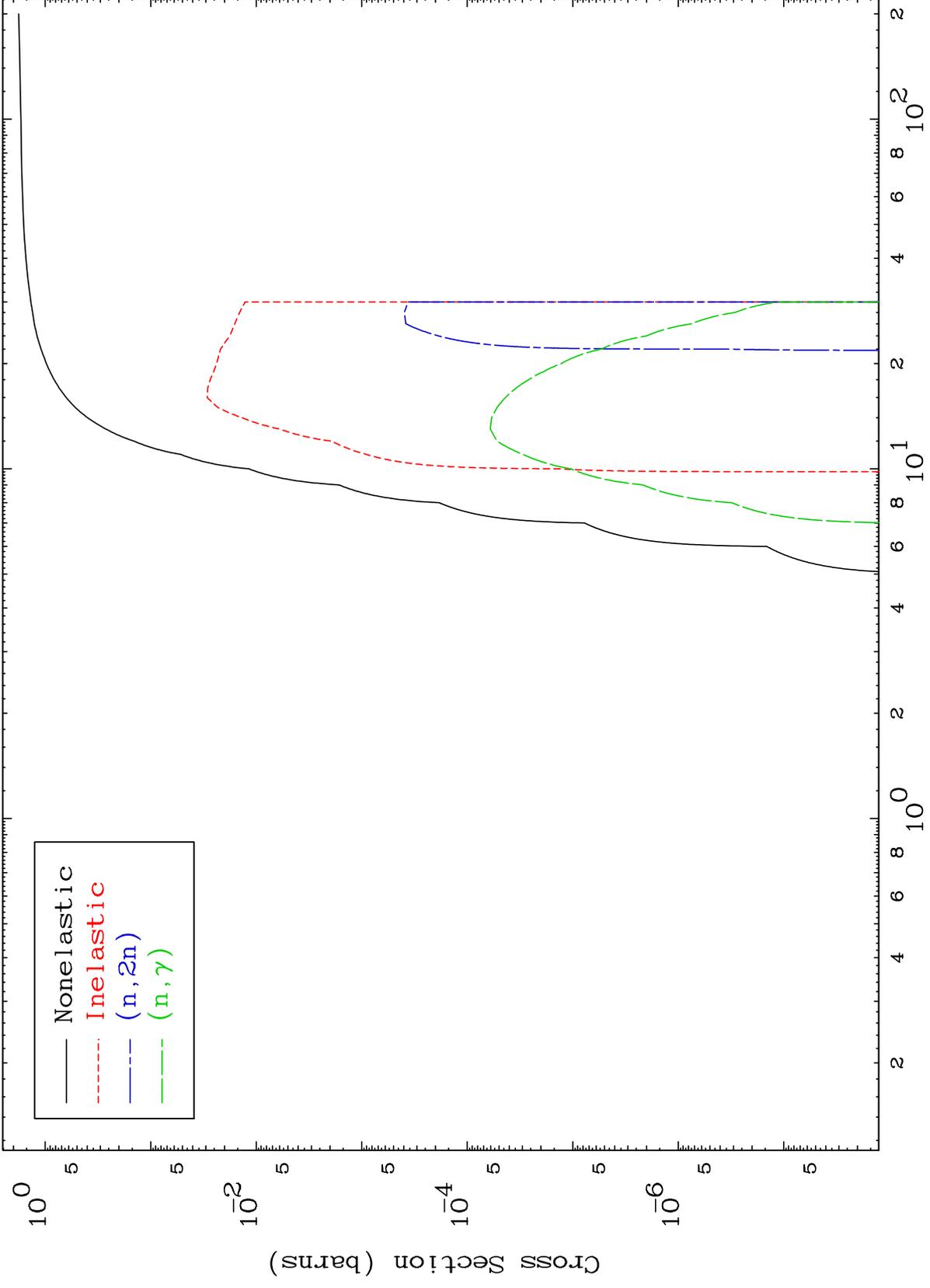
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3701

0 Kelvin  $\alpha$  Major Cross Sections

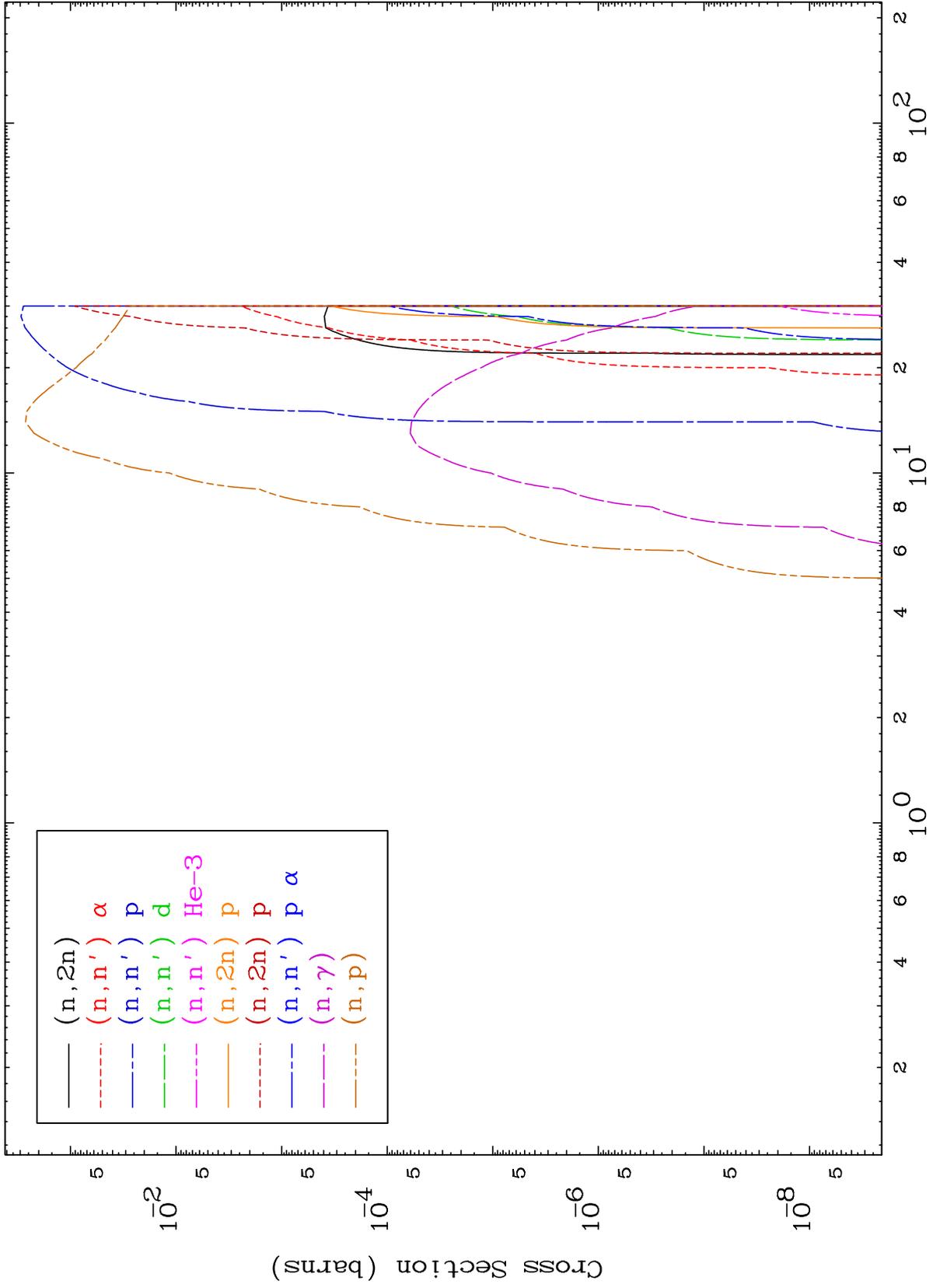
37-Rb-77



MAT 3701

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

37-Rb-77



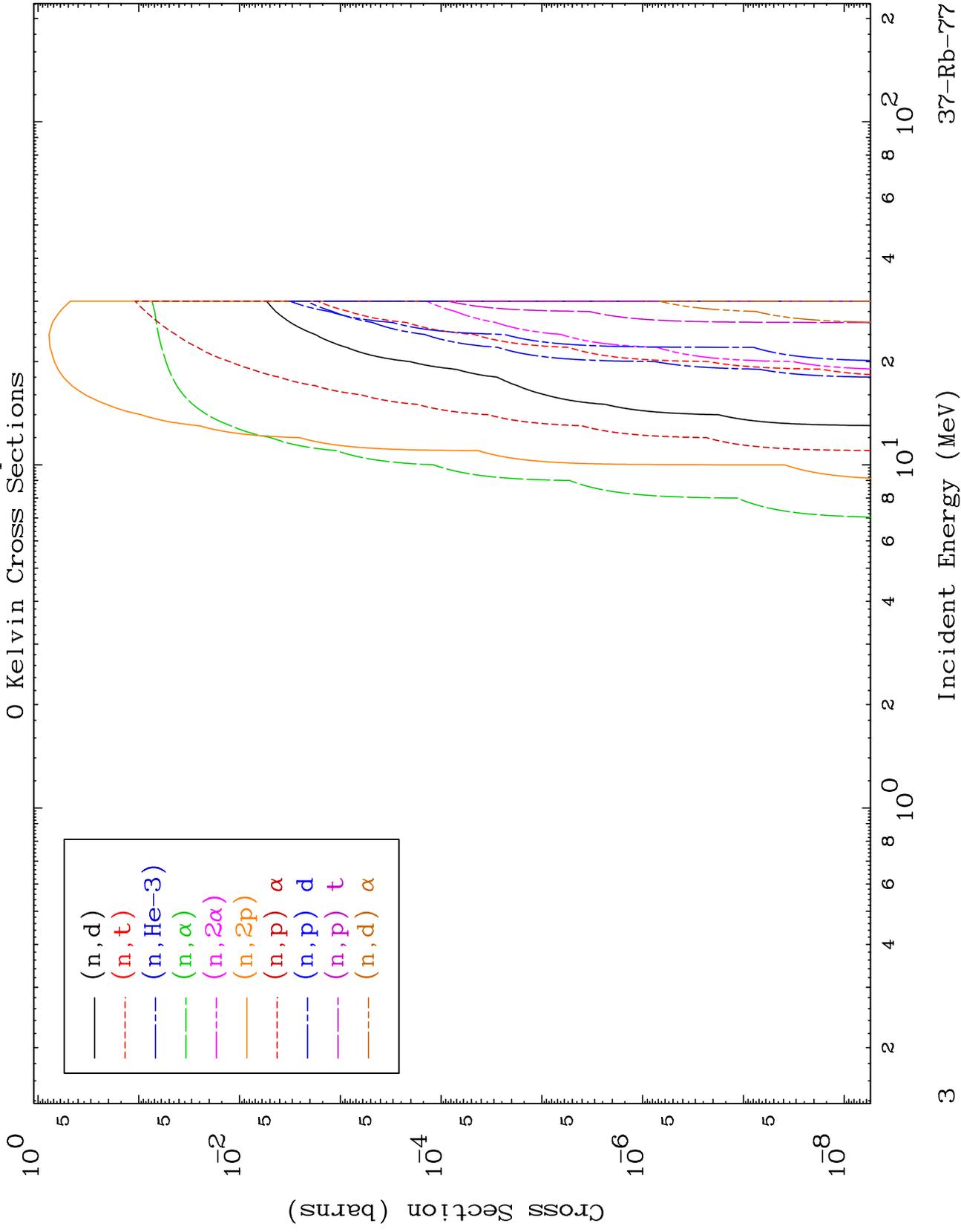
Incident Energy (MeV)

37-Rb-77

MAT 3701

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

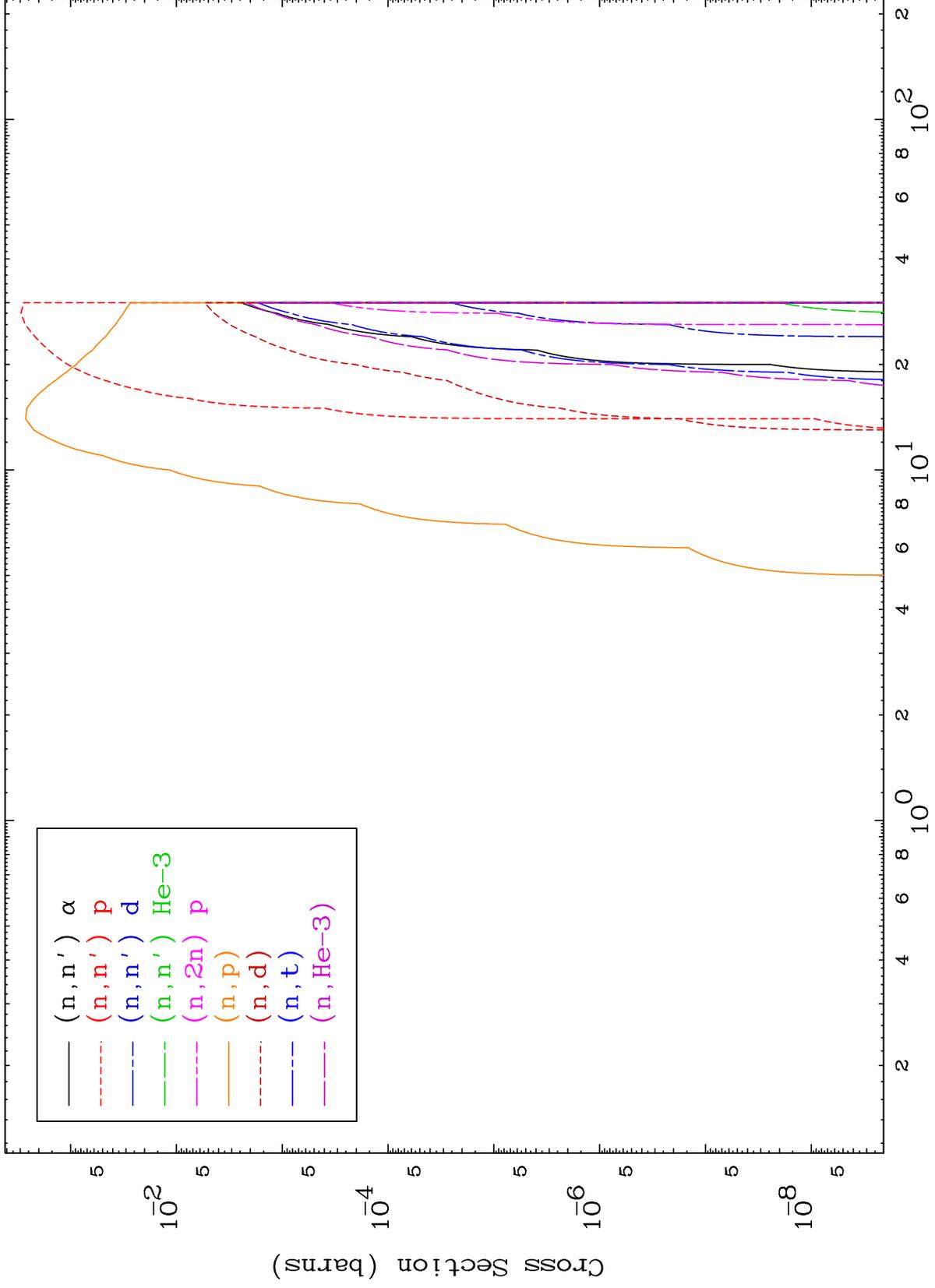
$^{37}\text{Rb-77}$

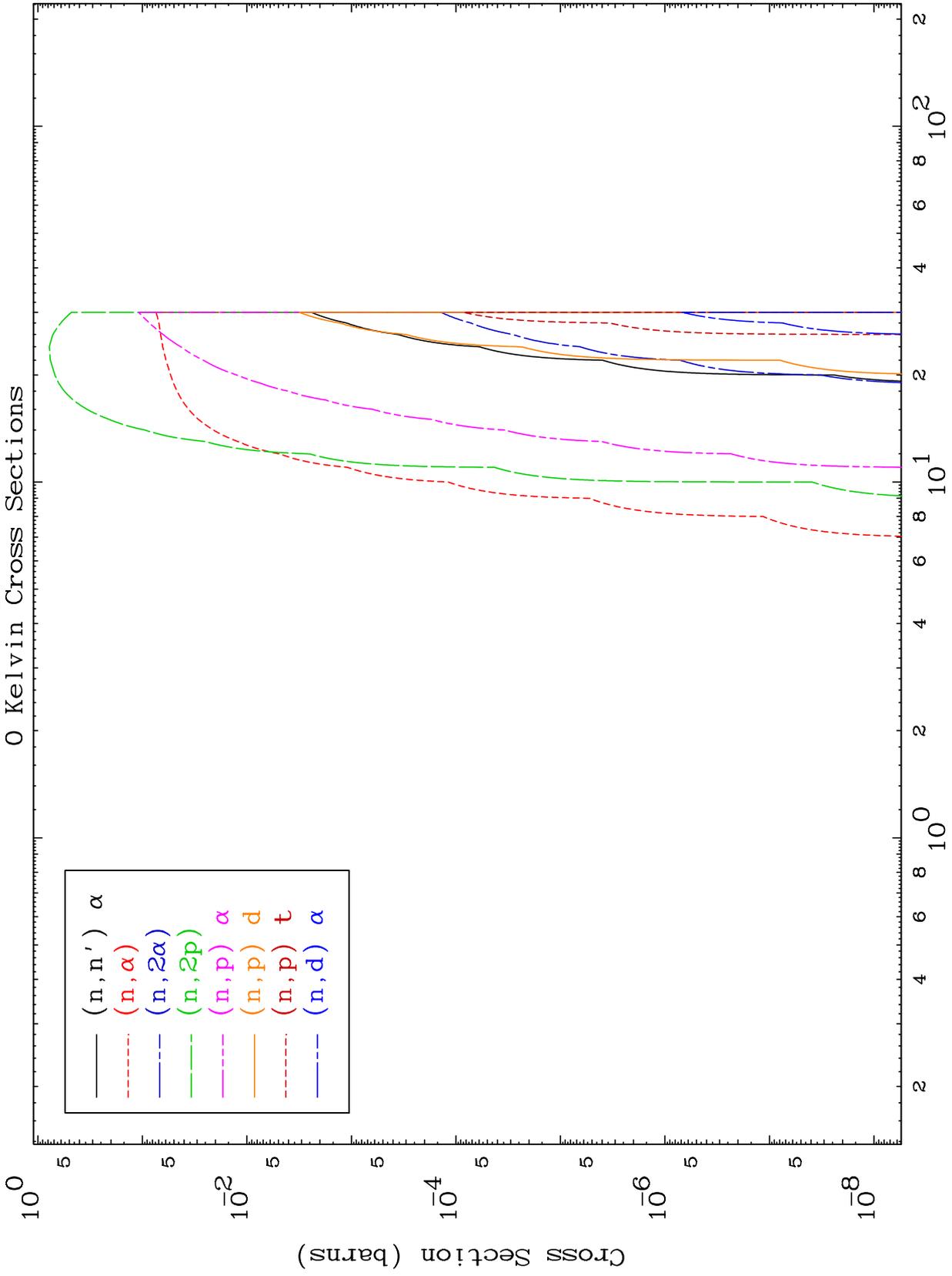


MAT 3701

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

37-Rb-77



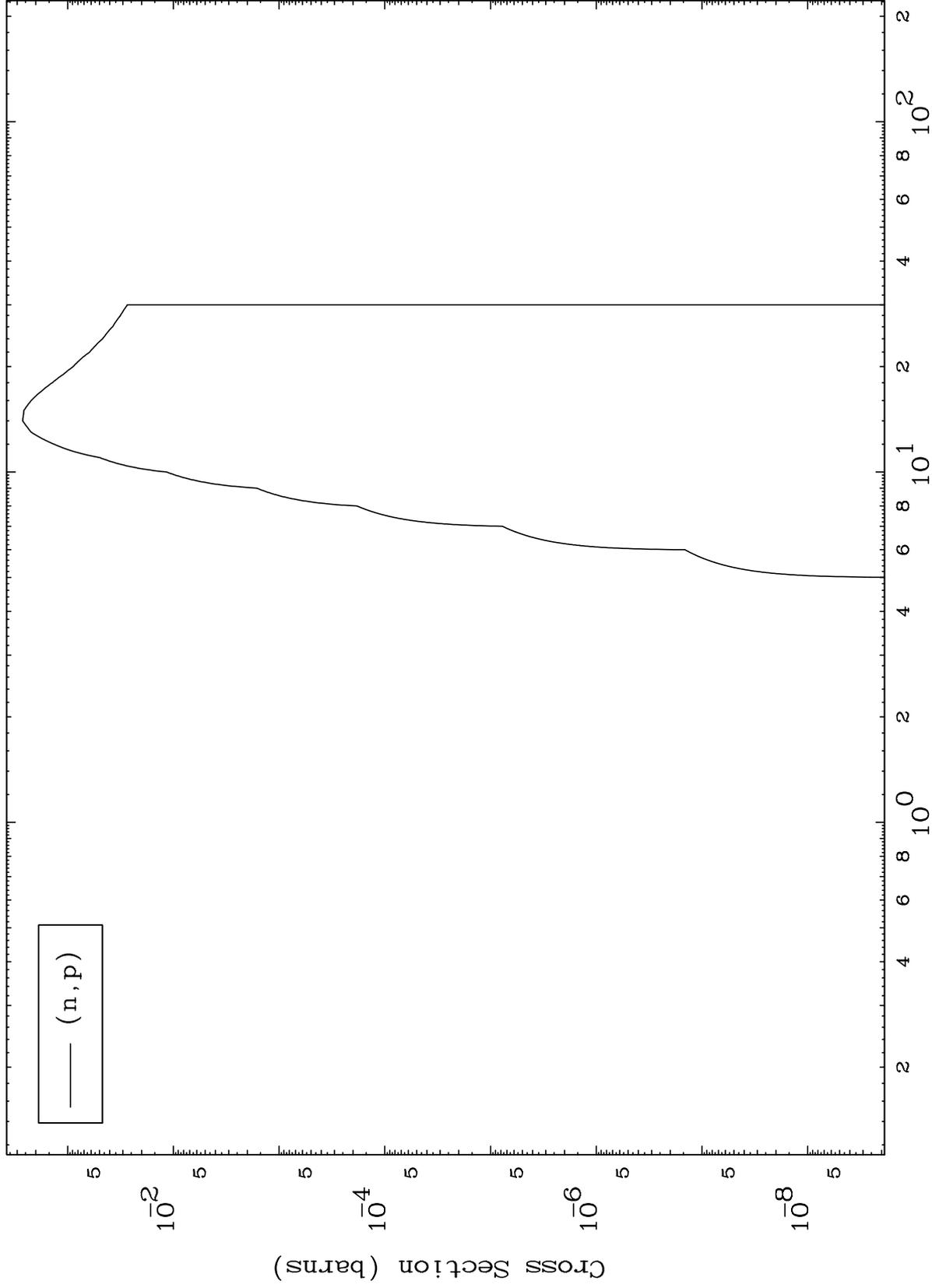


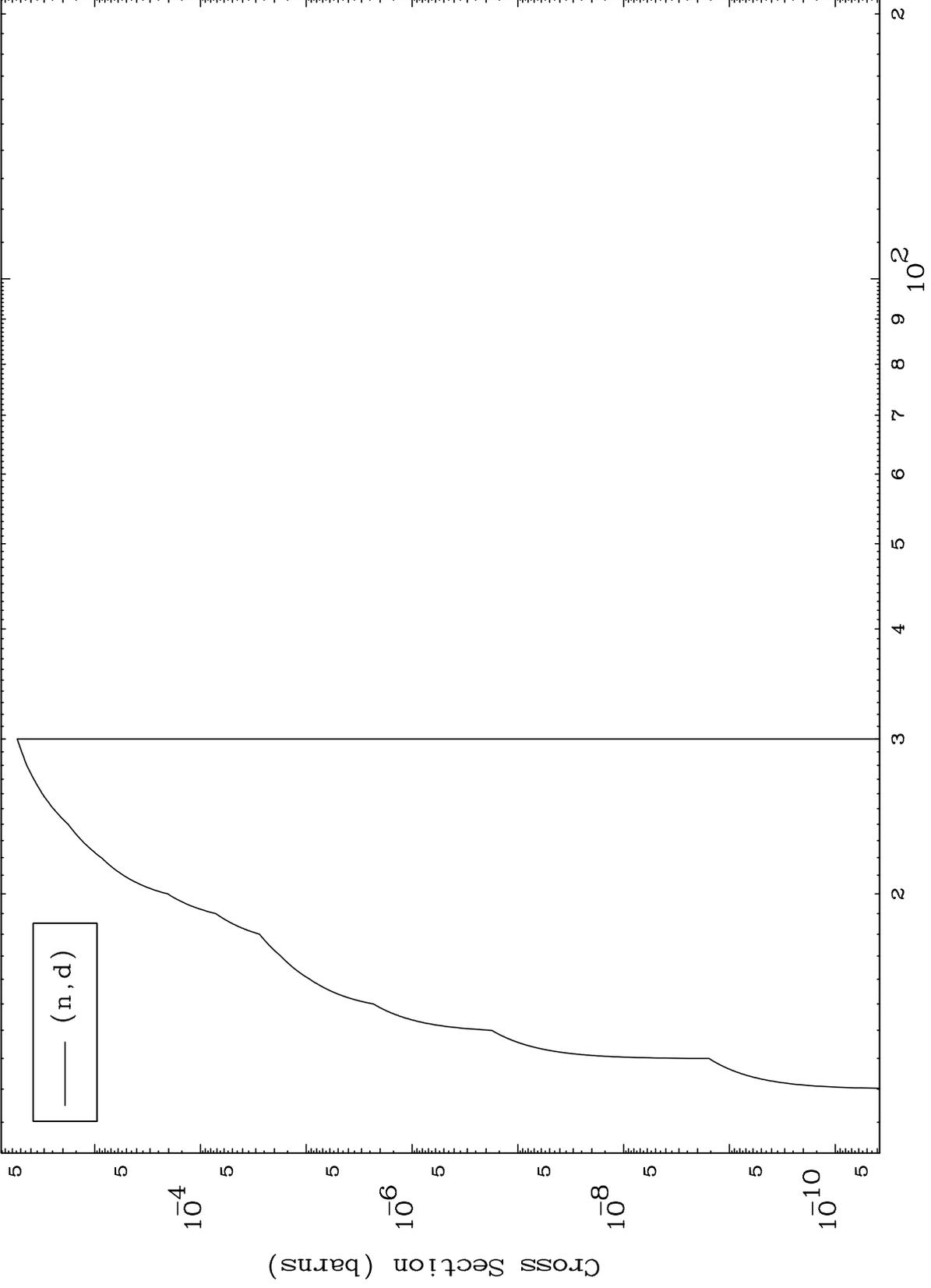
MAT 3701

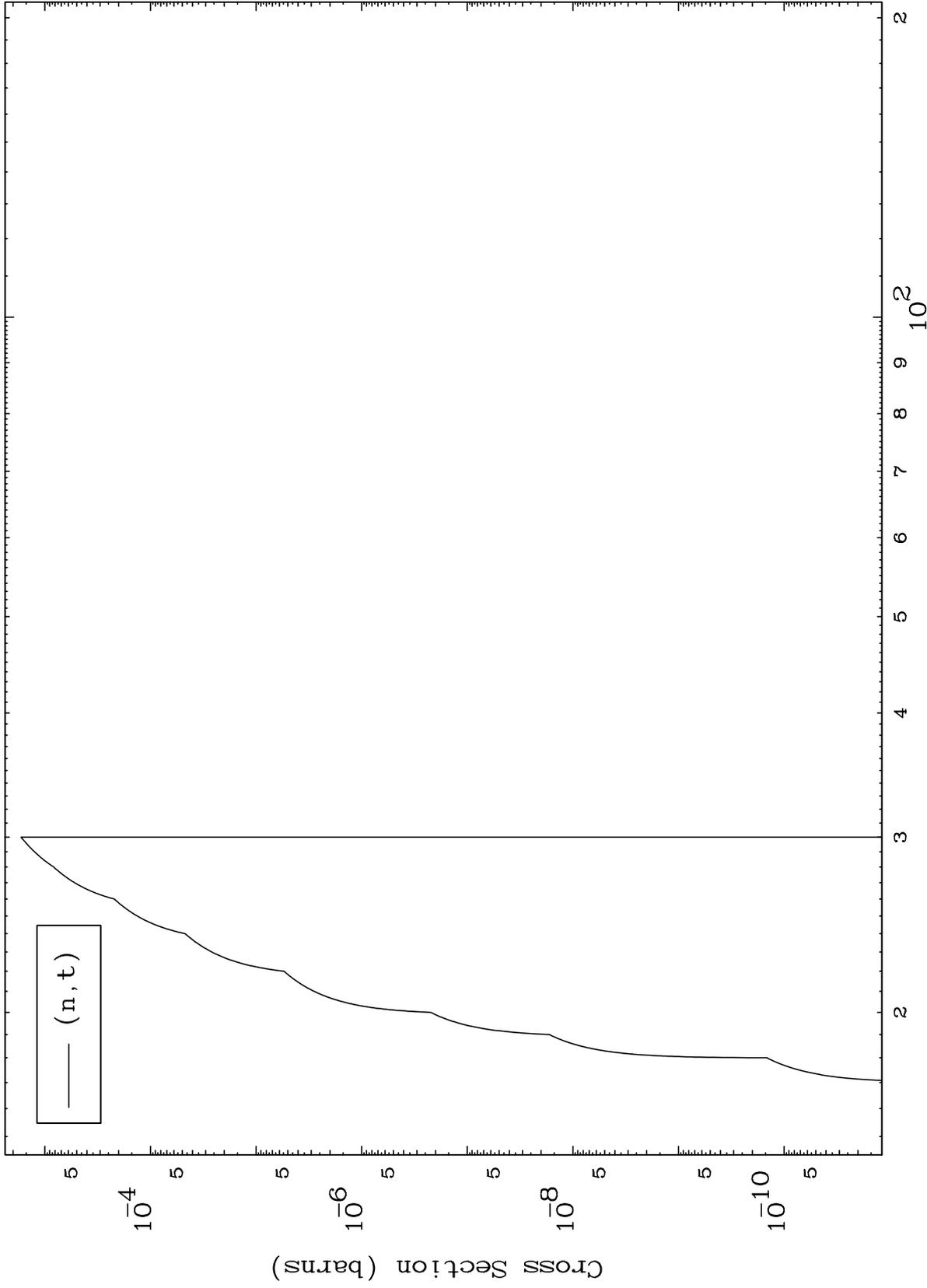
( $\alpha, p$ ) Levels

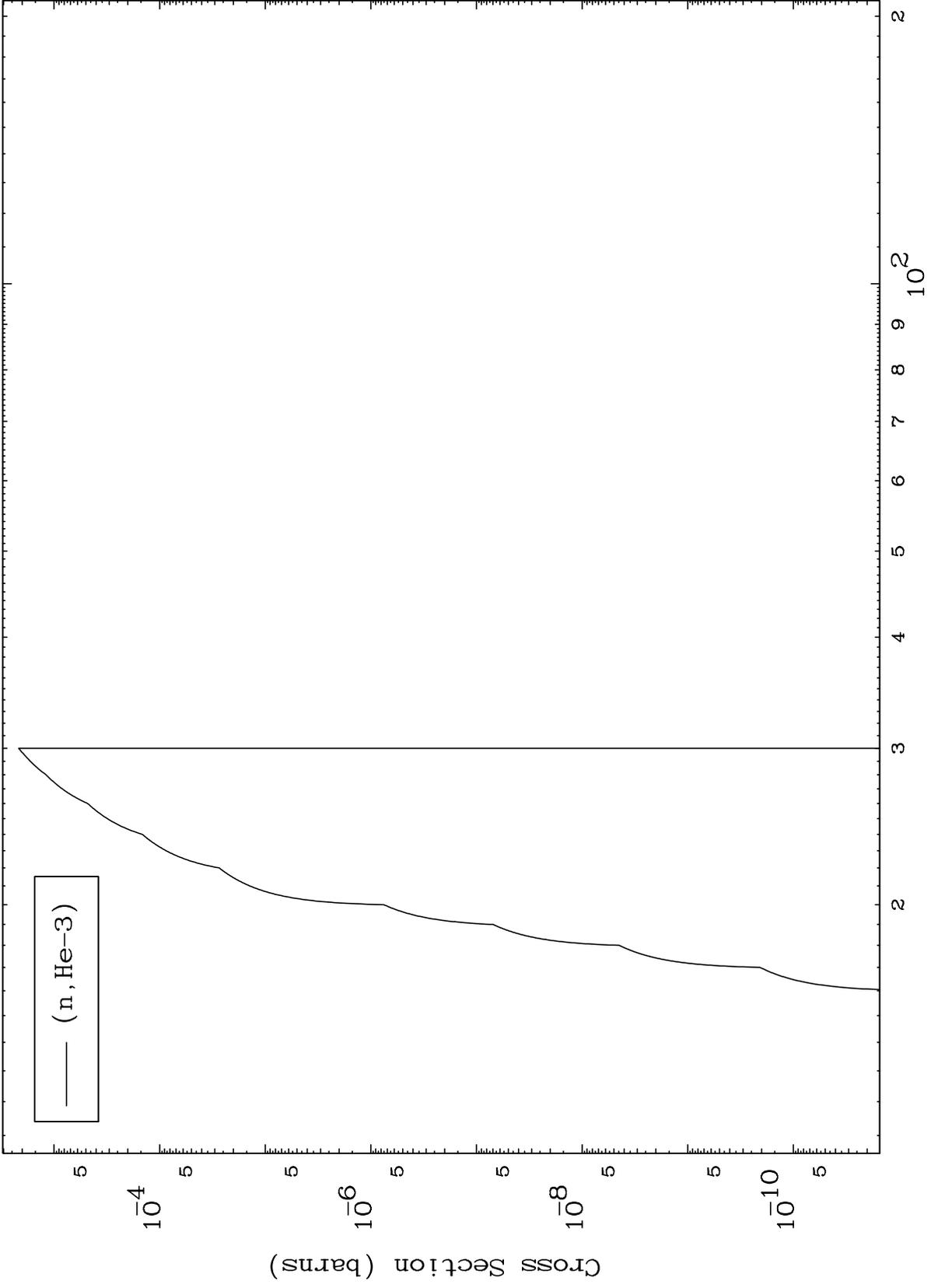
$^{37}\text{Rb-77}$

0 Kelvin Cross Sections





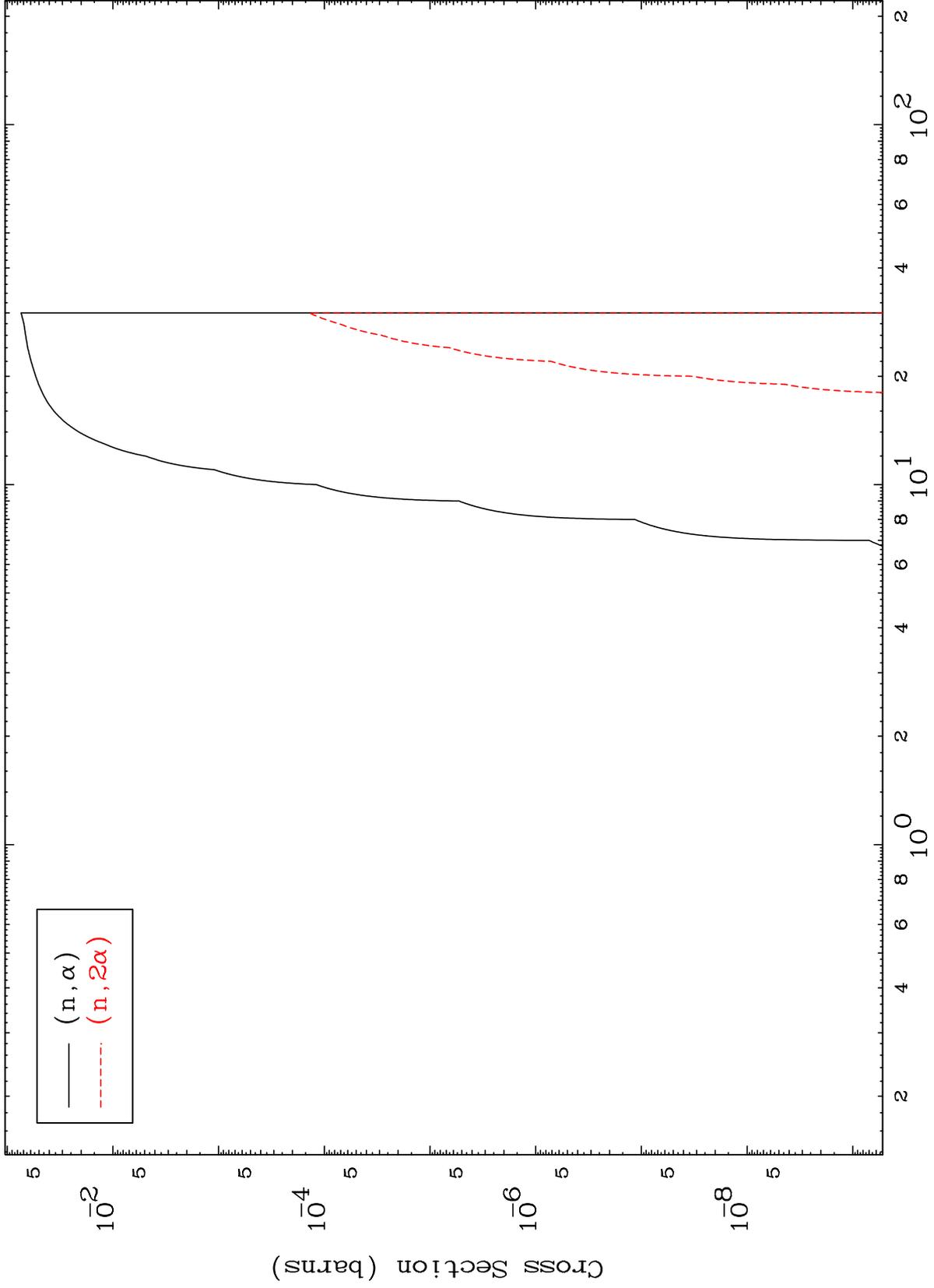




MAT 3701

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

37-Rb-77



10

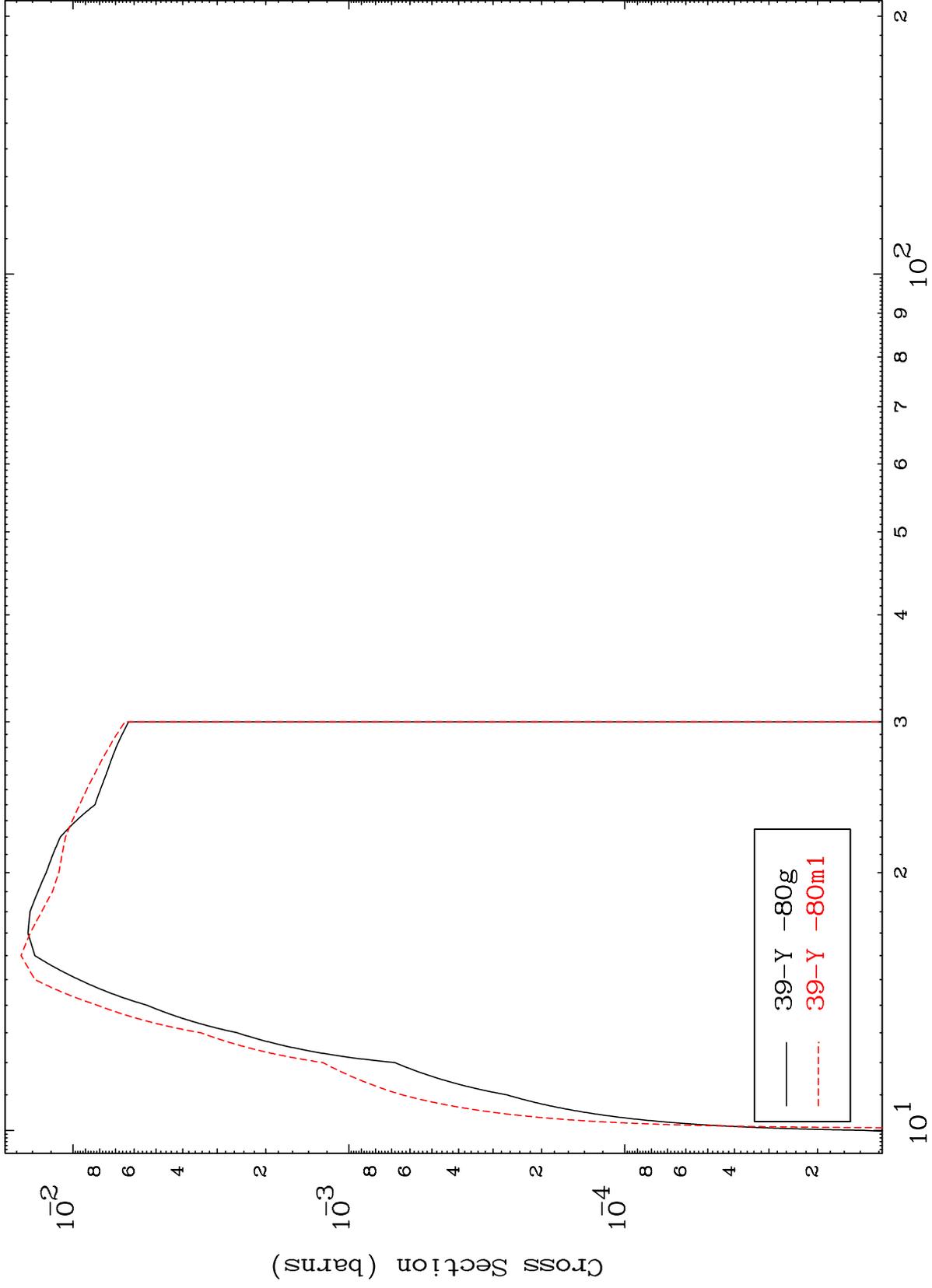
Incident Energy (MeV)

37-Rb-77

MAT 3701

37-Rb-77

Inelastic  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

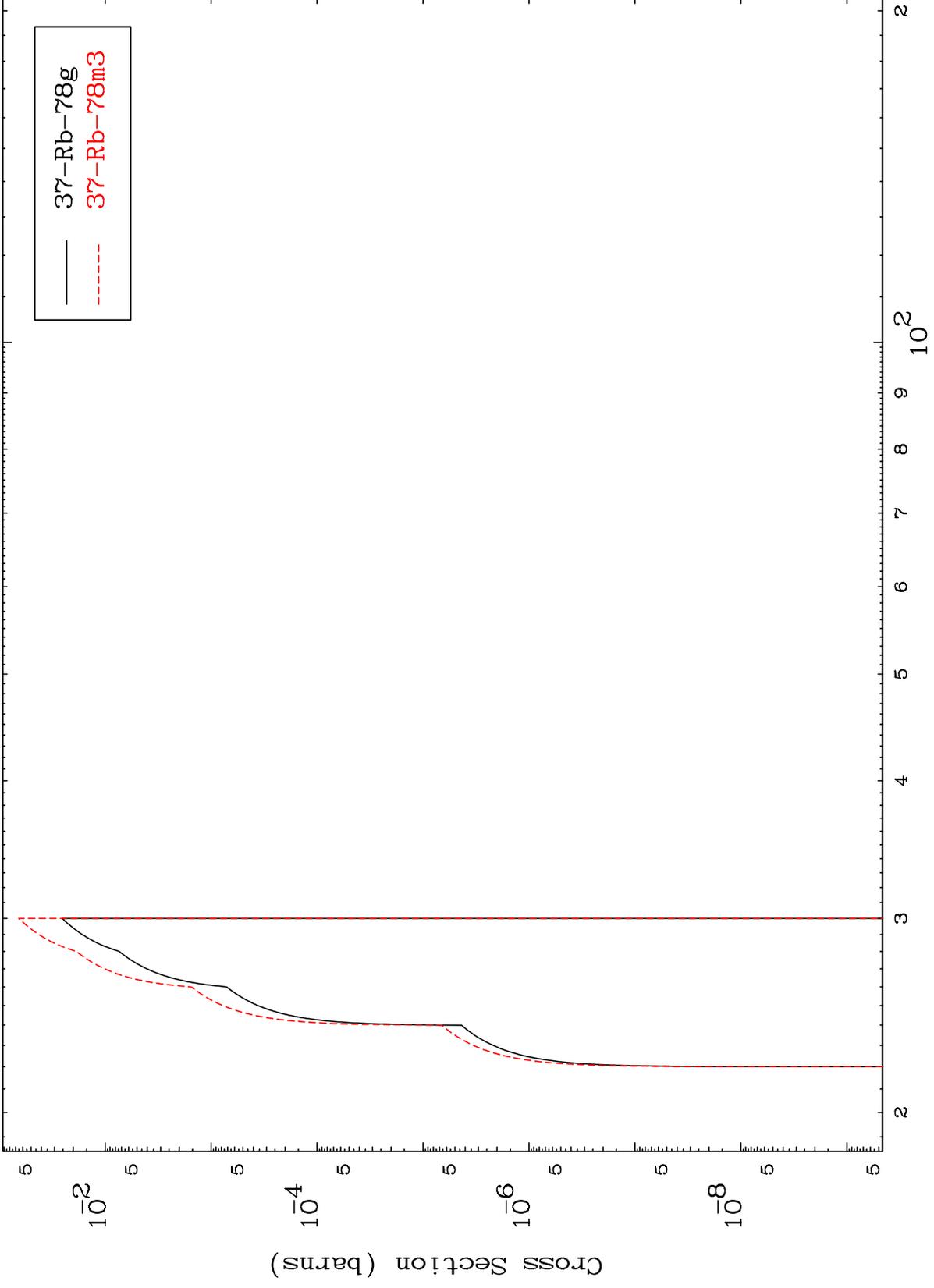
37-Rb-77

MAT 3701

$(n,2n)$  p

37-Rb-77

Radionuclide Production Cross Section



12

Incident Energy (MeV)

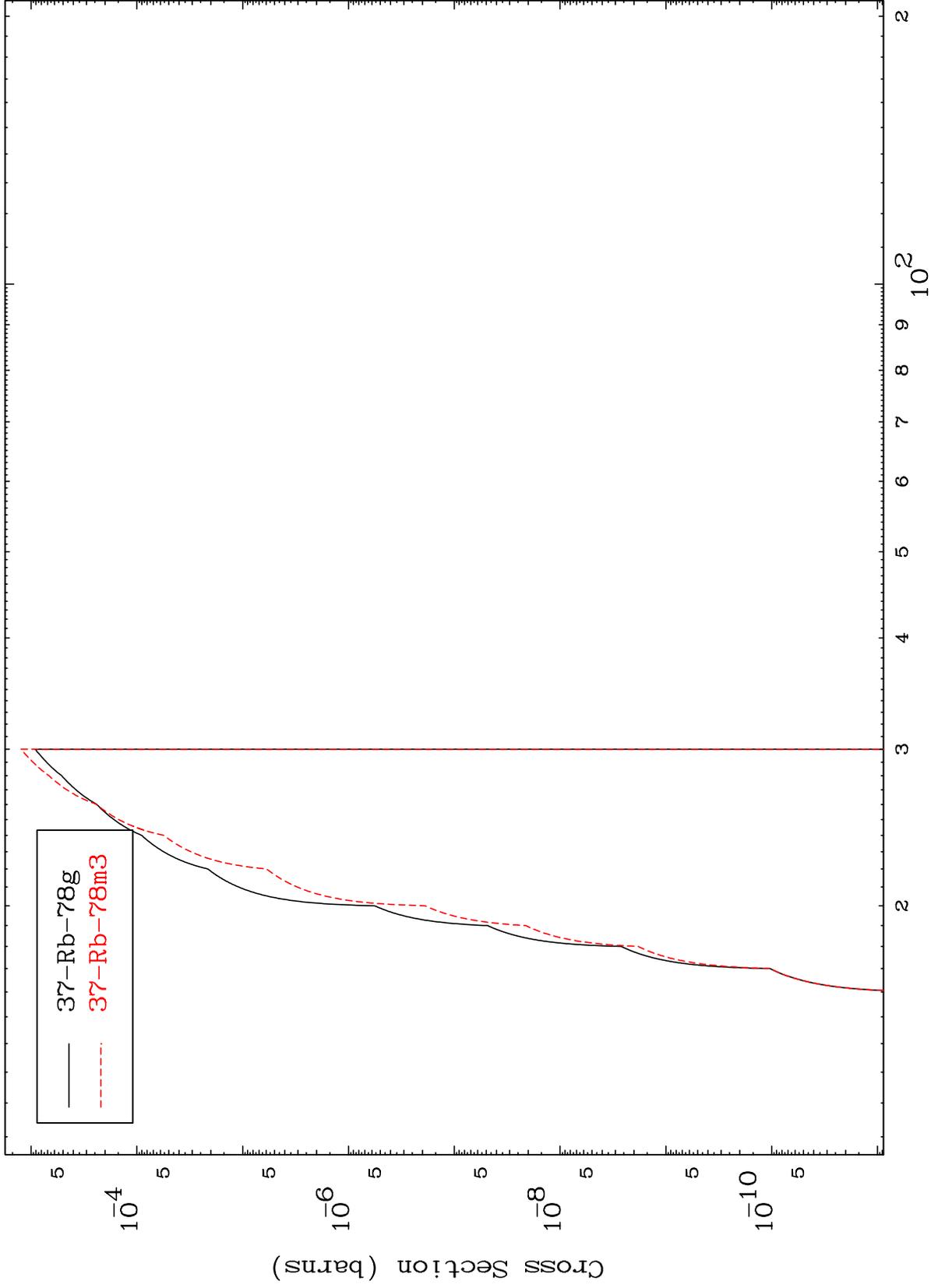
37-Rb-77

MAT 3701

(n,He-3)

37-Rb-77

Radionuclide Production Cross Section



13

Incident Energy (MeV)

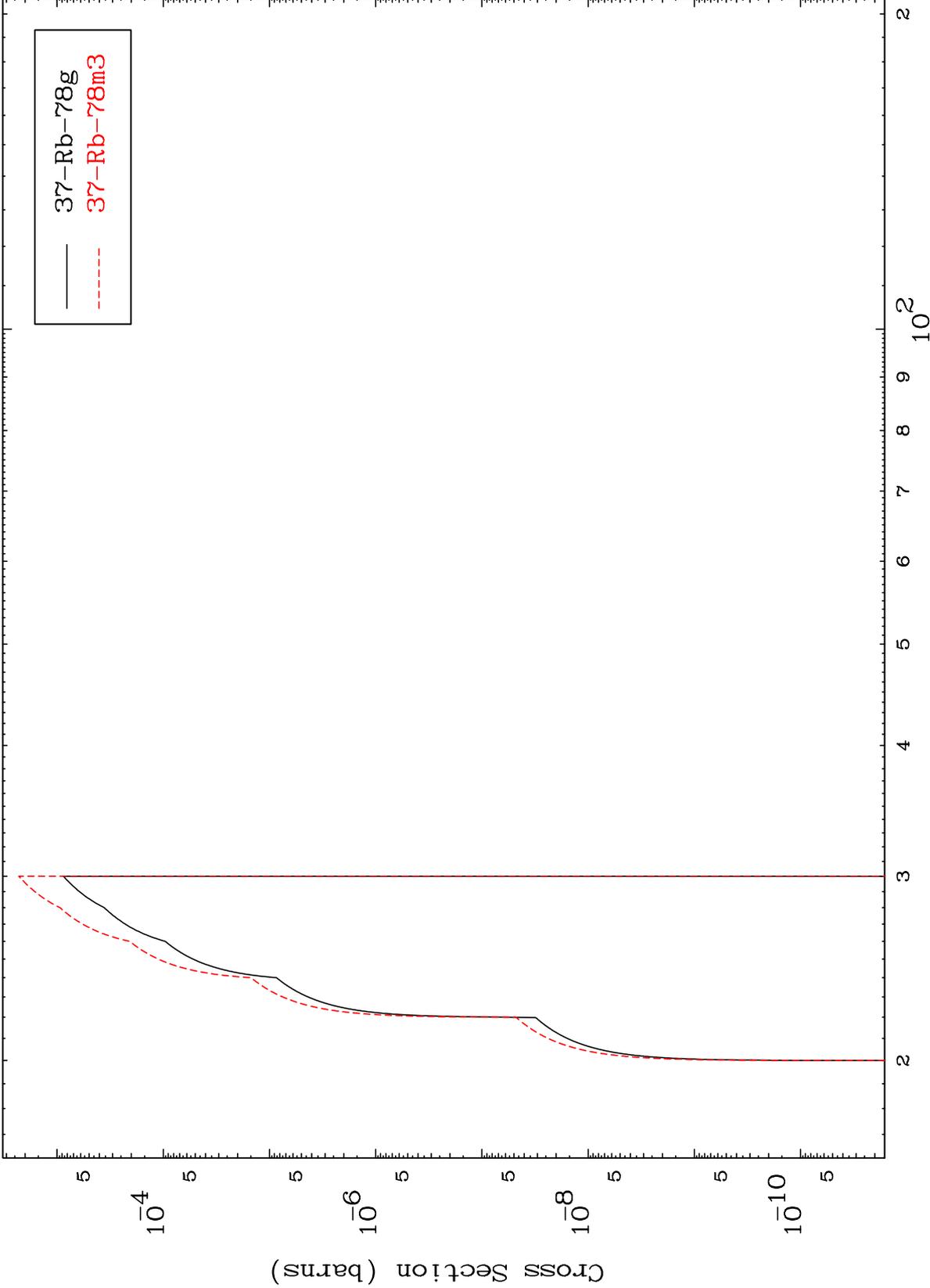
37-Rb-77

MAT 3701

(n,p) d

<sup>37</sup>Rb-<sup>77</sup>

Radionuclide Production Cross Section



— 37-Rb-78g  
- - - 37-Rb-78m3

14

Incident Energy (MeV)

<sup>37</sup>Rb-<sup>77</sup>