

Program EVALPLOT
(Version 2021-1)

by

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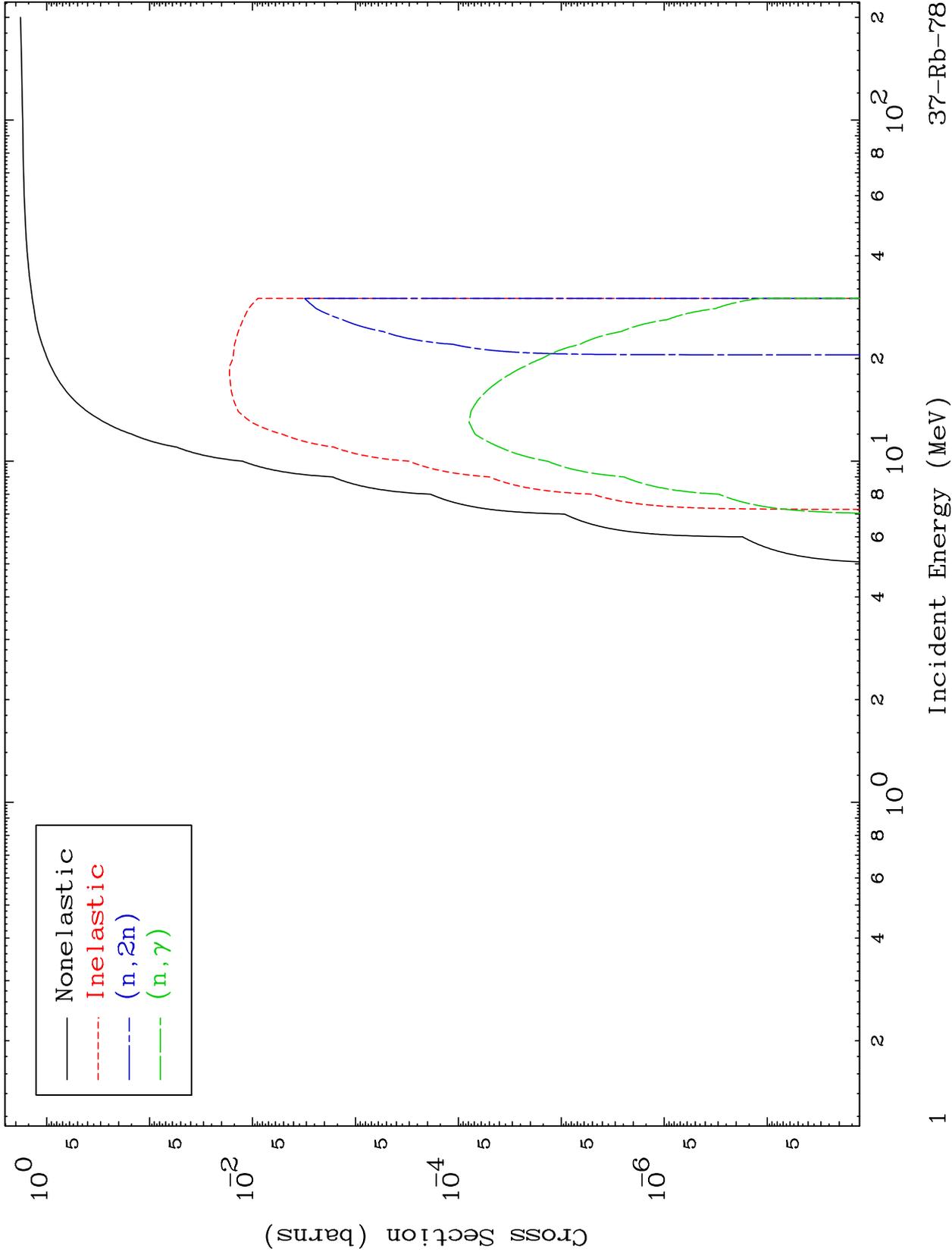
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3704

0 Kelvin α Major Cross Sections

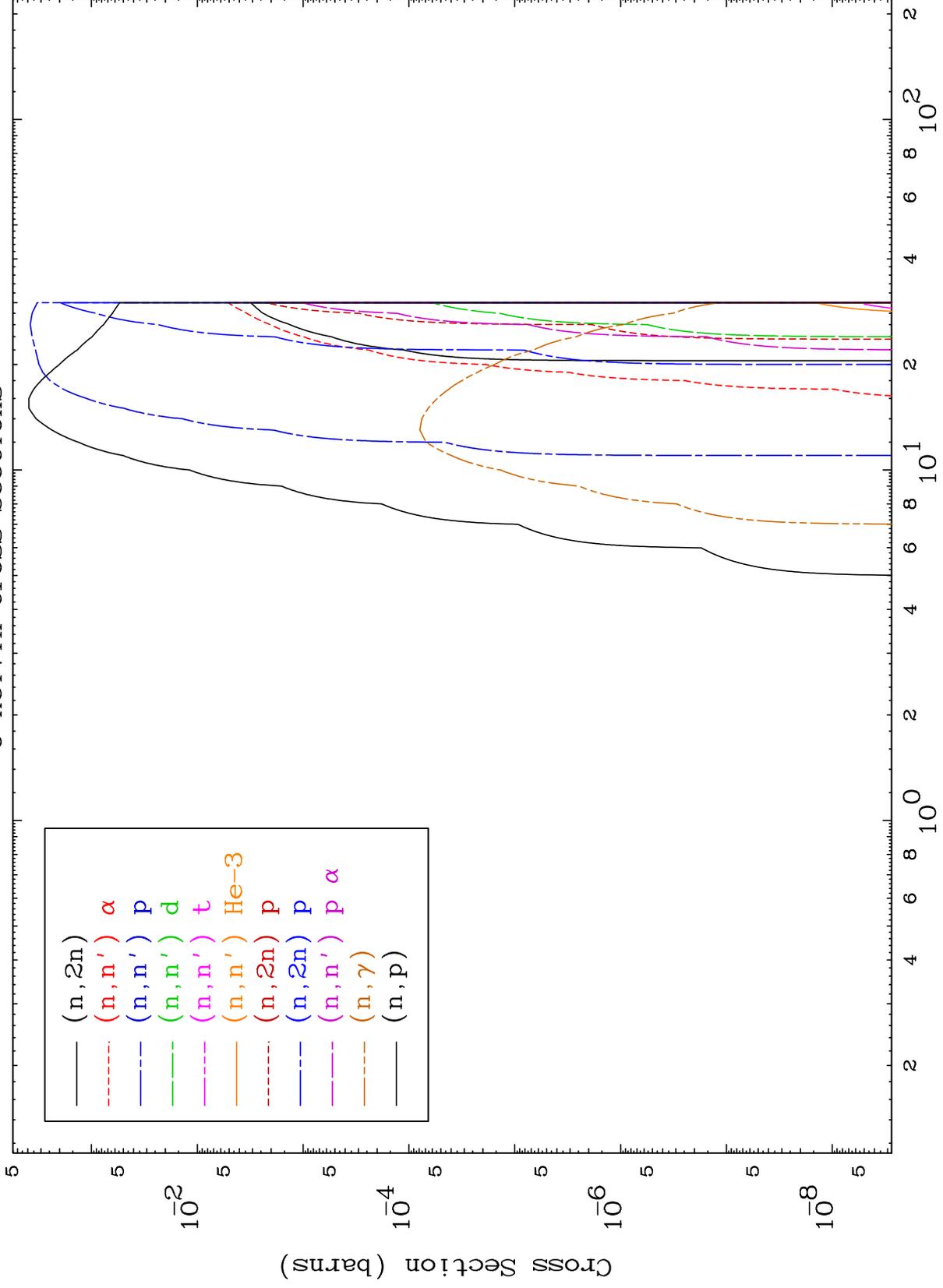
$^{37}\text{Rb-78}$



MAT 3704

α Neutron Absorption
0 Kelvin Cross Sections

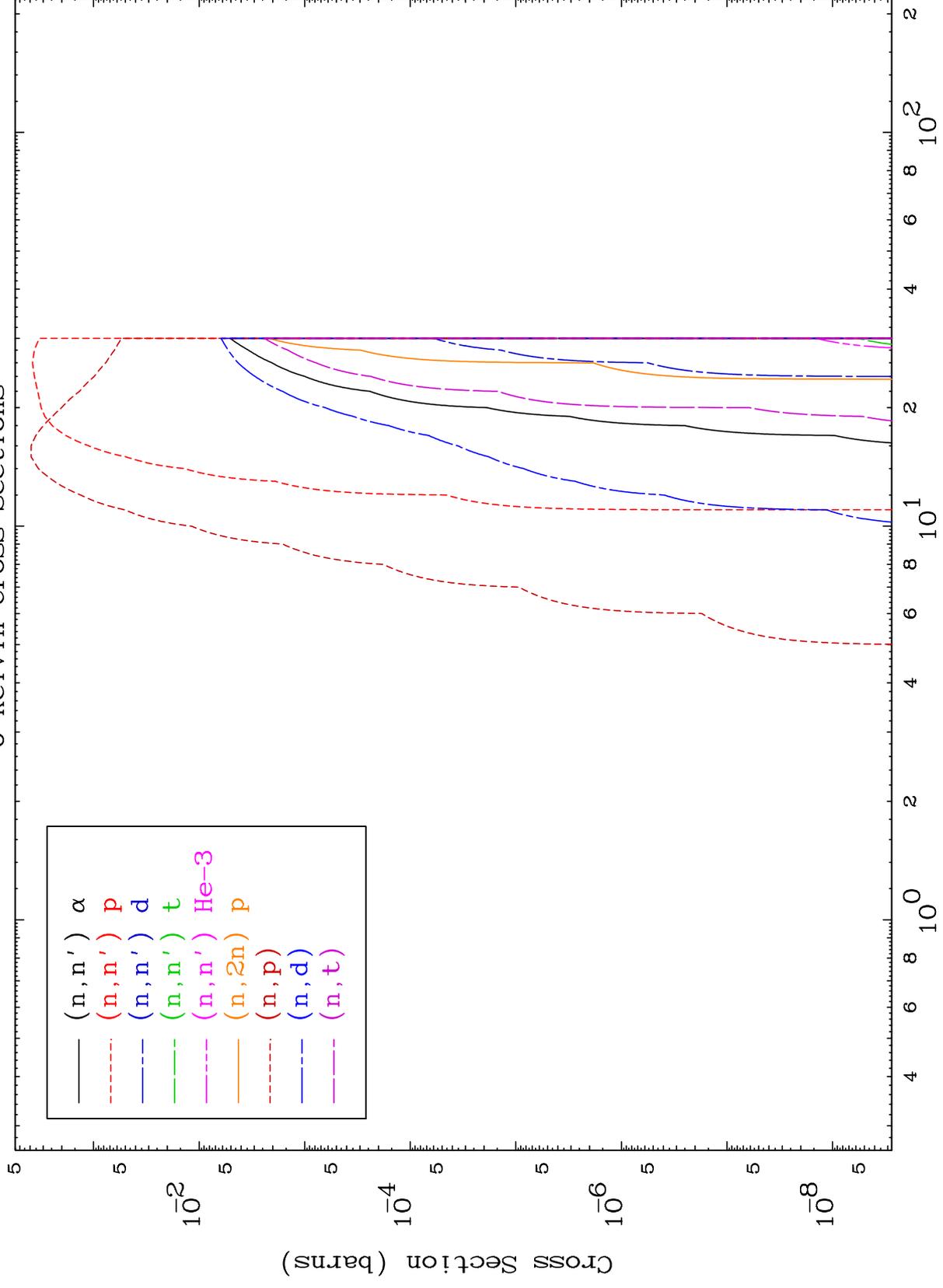
37-Rb-78

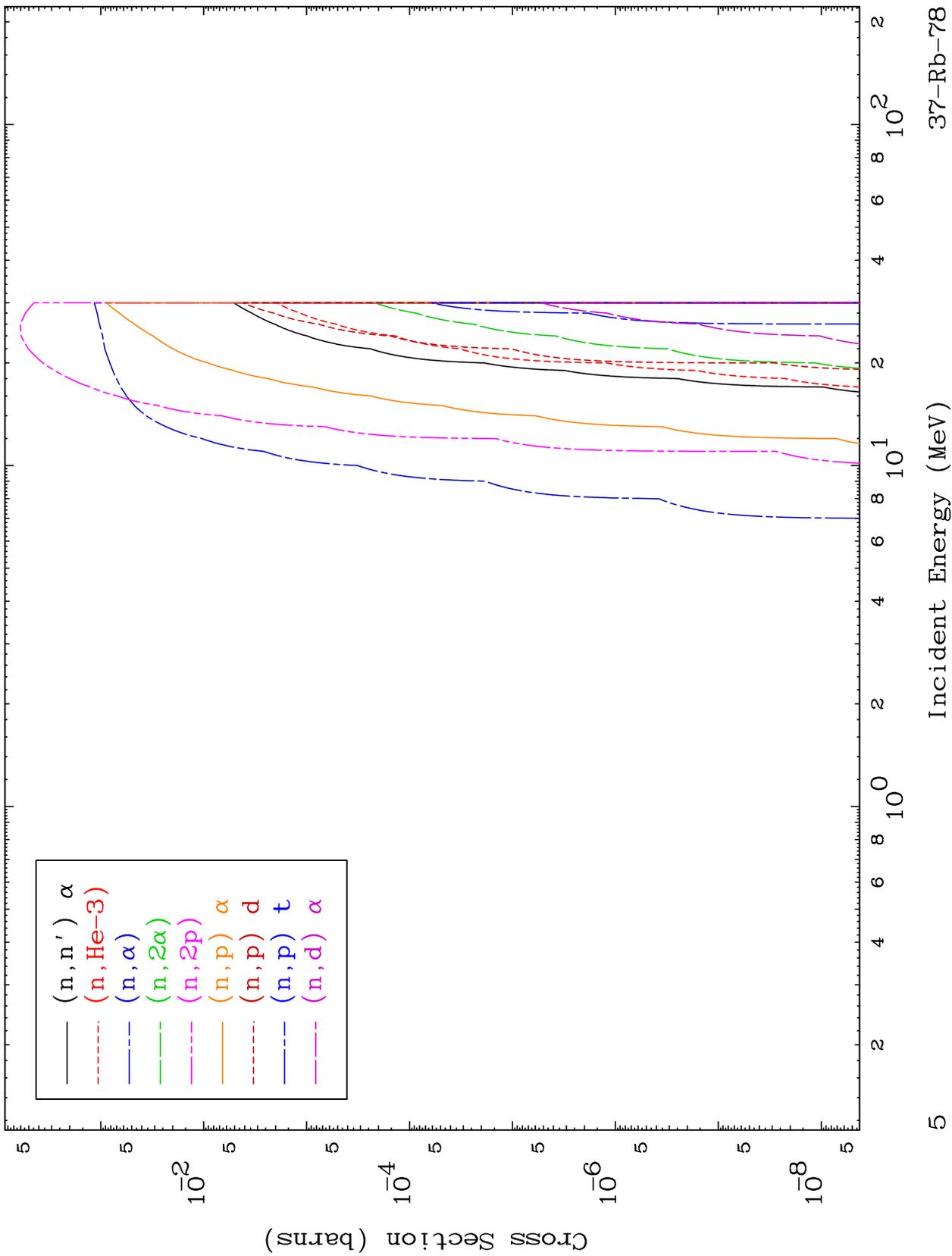


MAT 3704

α Charged Particle
0 Kelvin Cross Sections

37-Rb-78

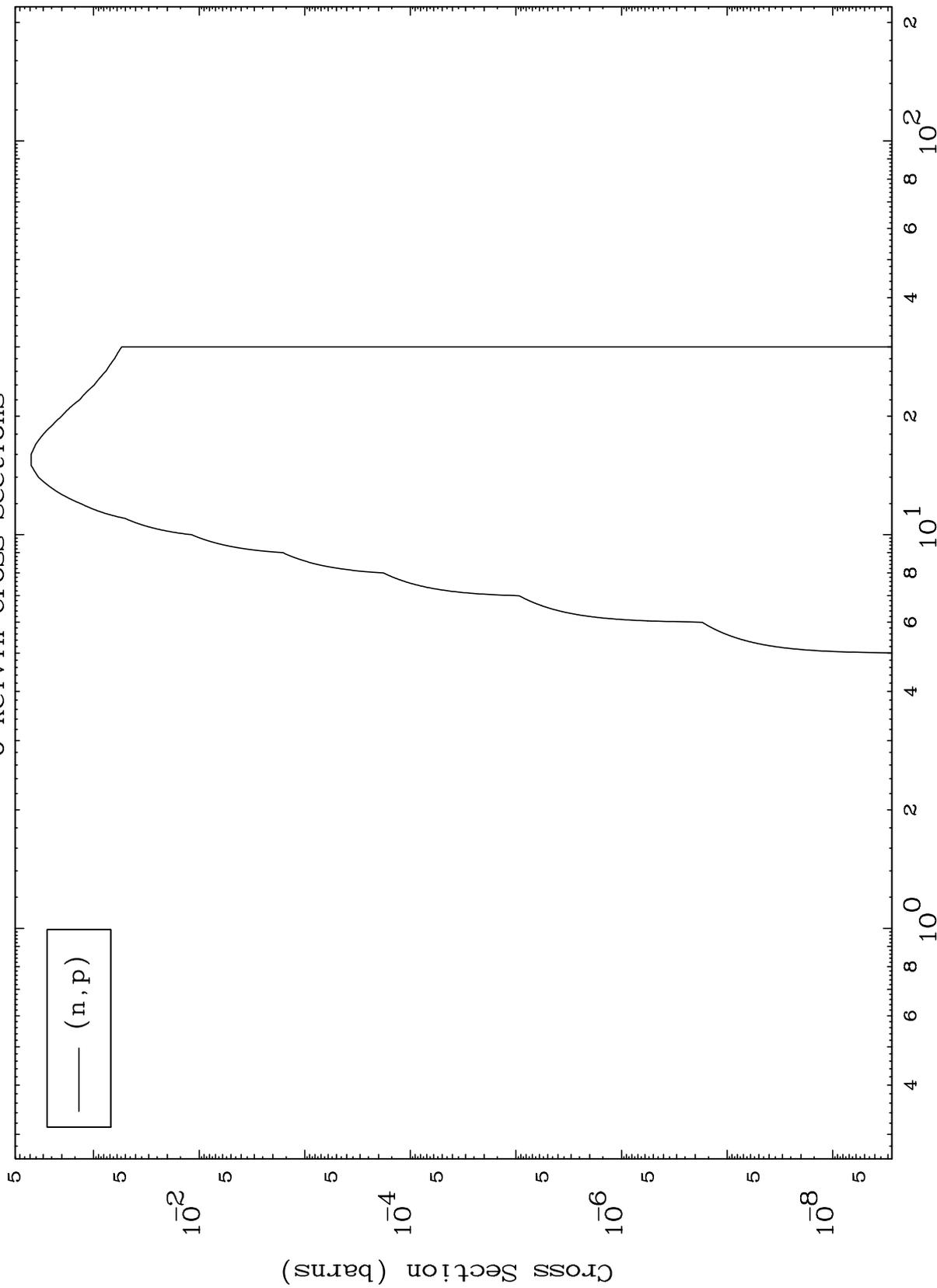




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37-Rb-78

(α, p) Levels
0 Kelvin Cross Sections



37-Rb-78

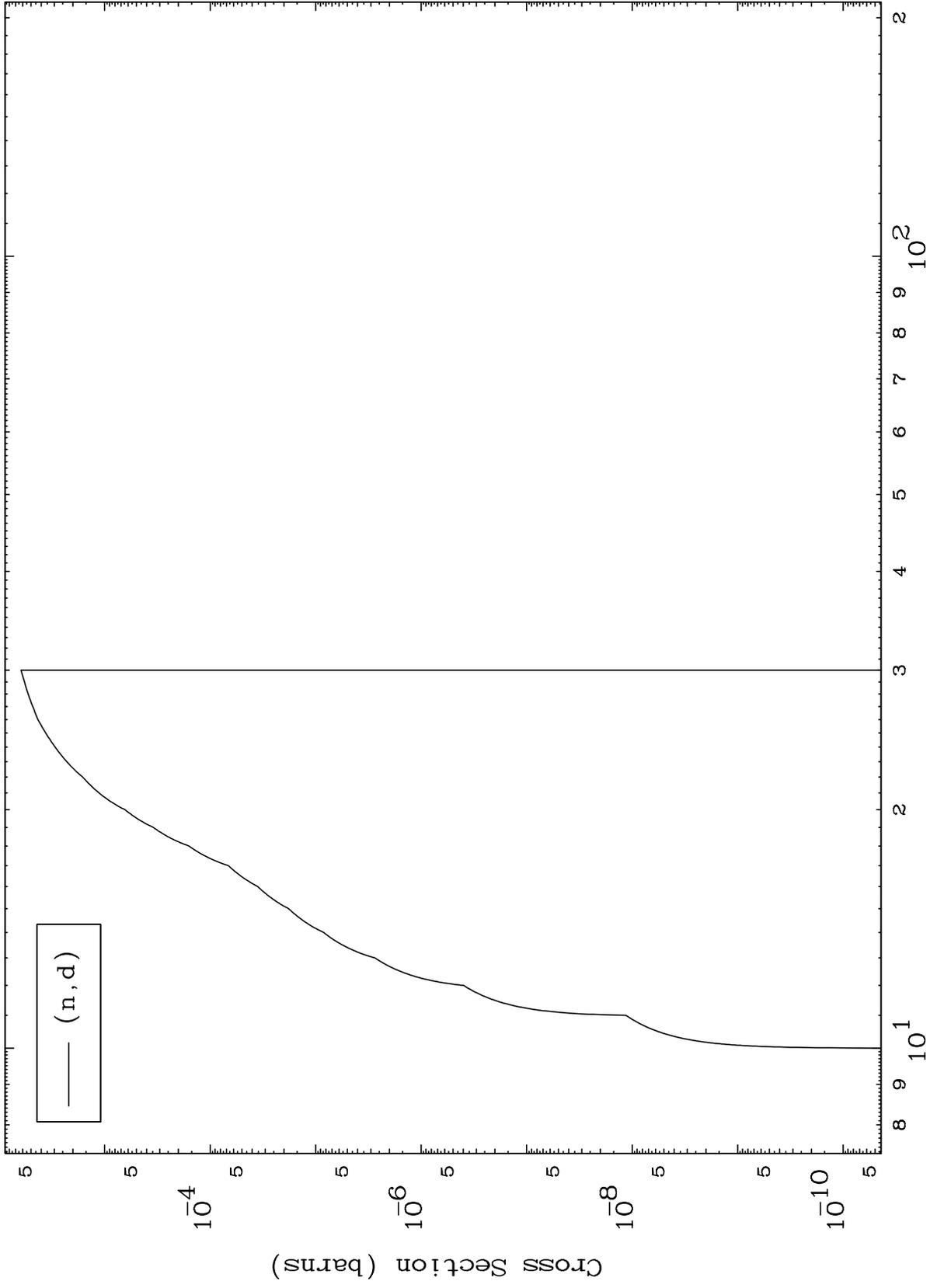
Incident Energy (MeV)

6

MAT 3704

(α, d) Levels
0 Kelvin Cross Sections

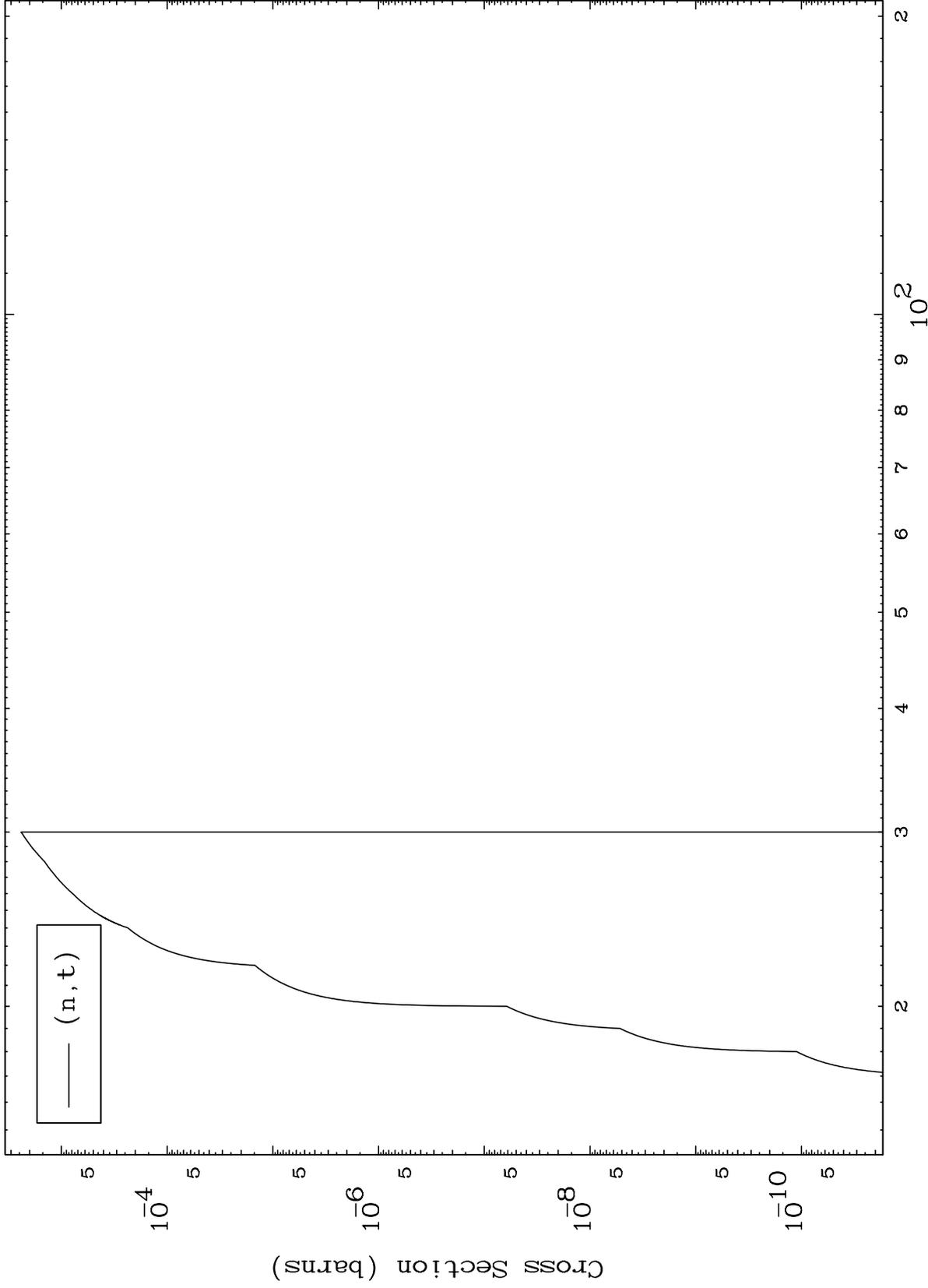
37-Rb-78



Incident Energy (MeV)

37-Rb-78

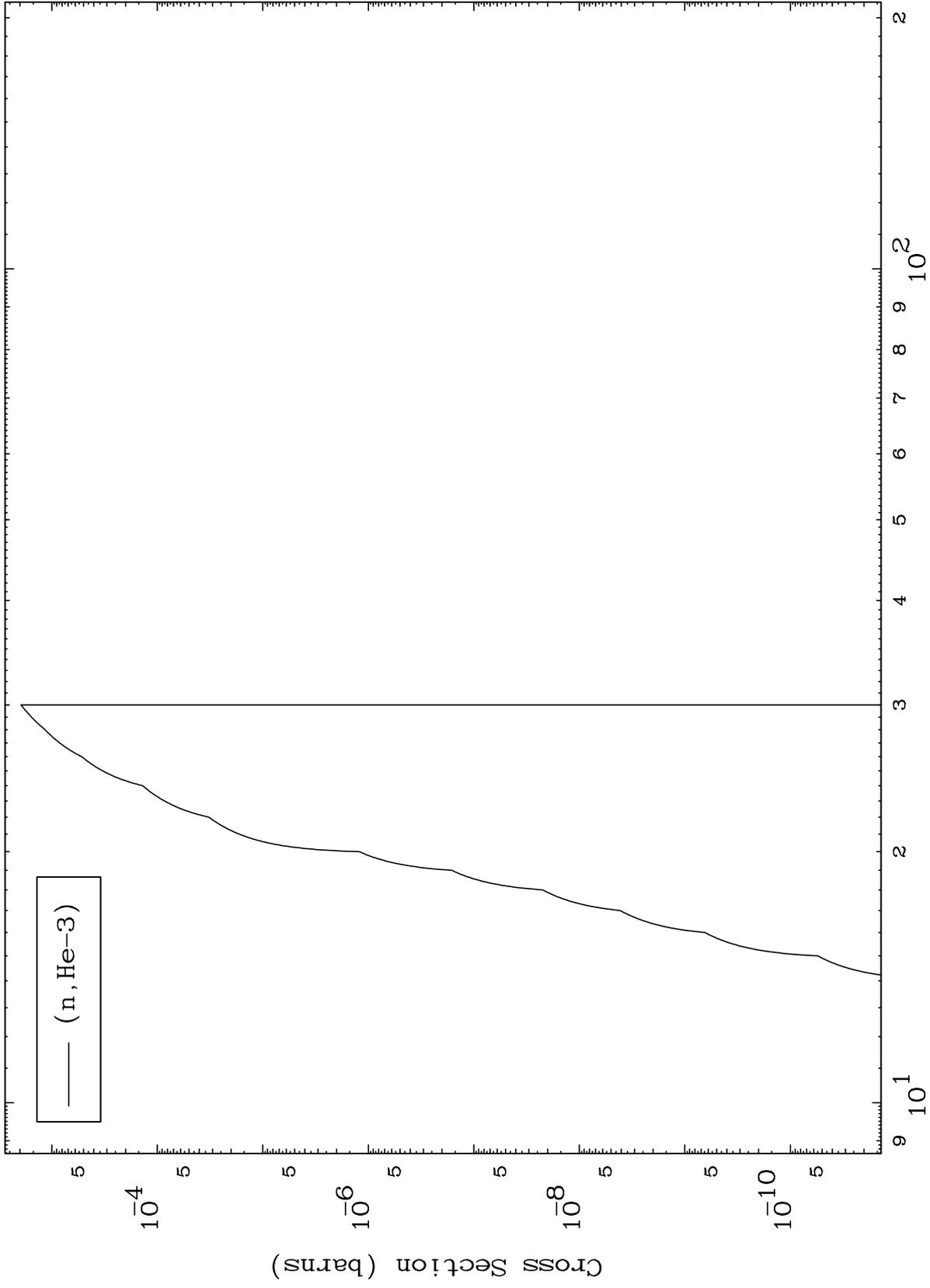
7



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($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

37-Rb-78



9

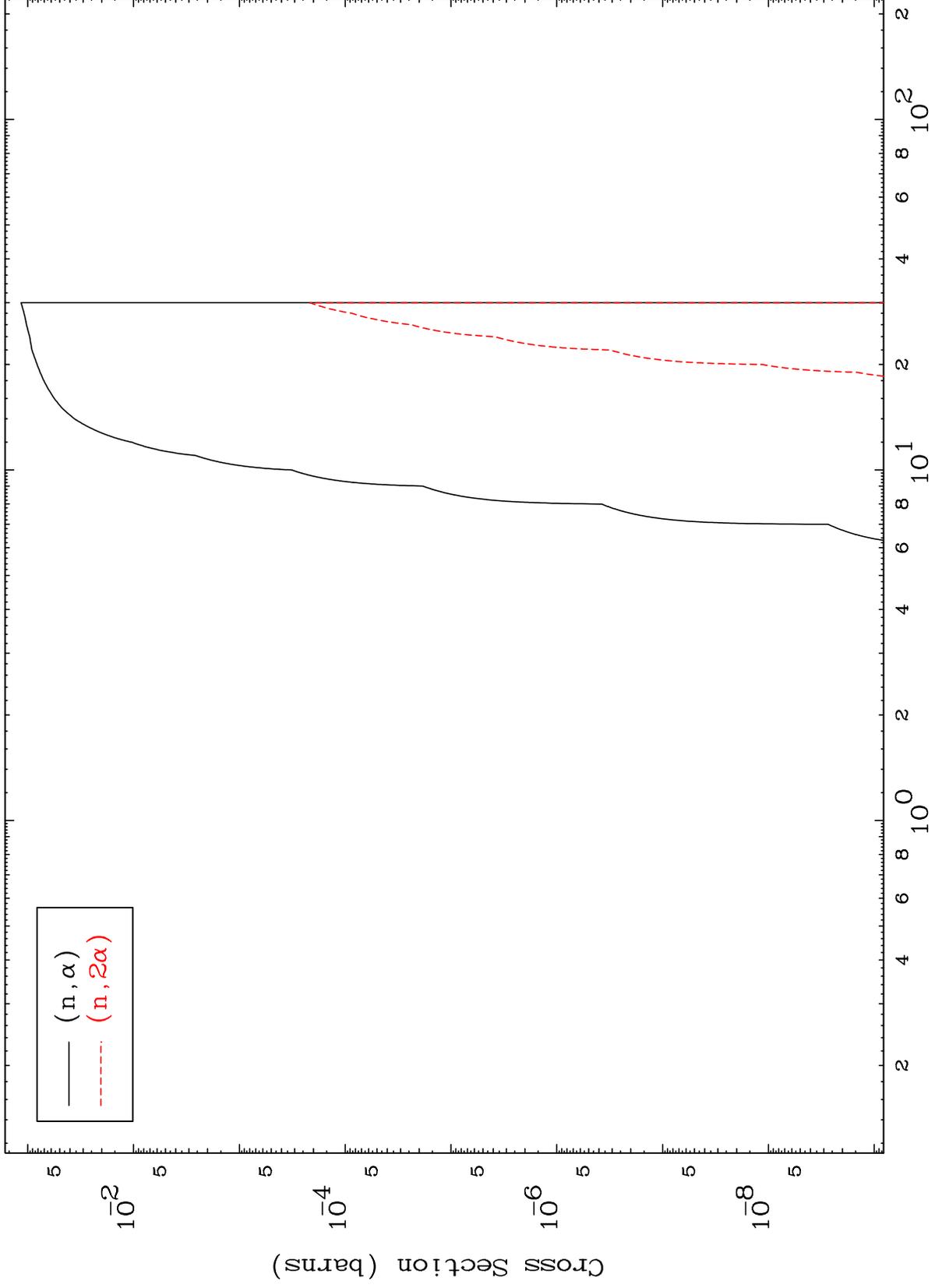
Incident Energy (MeV)

37-Rb-78

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(α, α) Levels
0 Kelvin Cross Sections

37-Rb-78



10

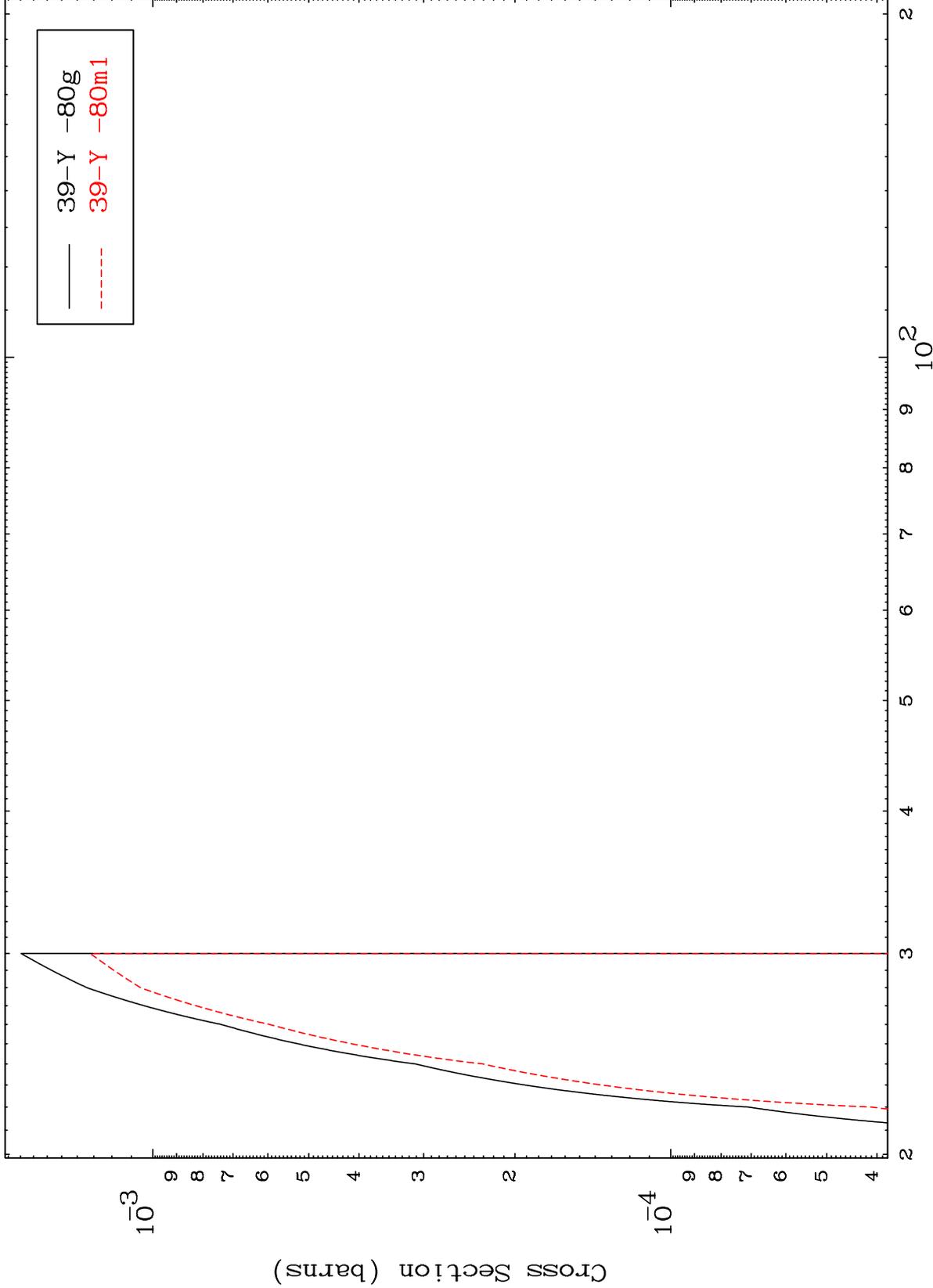
Incident Energy (MeV)

37-Rb-78

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37-Rb-78

(n,2n)
Radionuclide Production Cross Section



39-Y -80g
39-Y -80m1

37-Rb-78

Incident Energy (MeV)

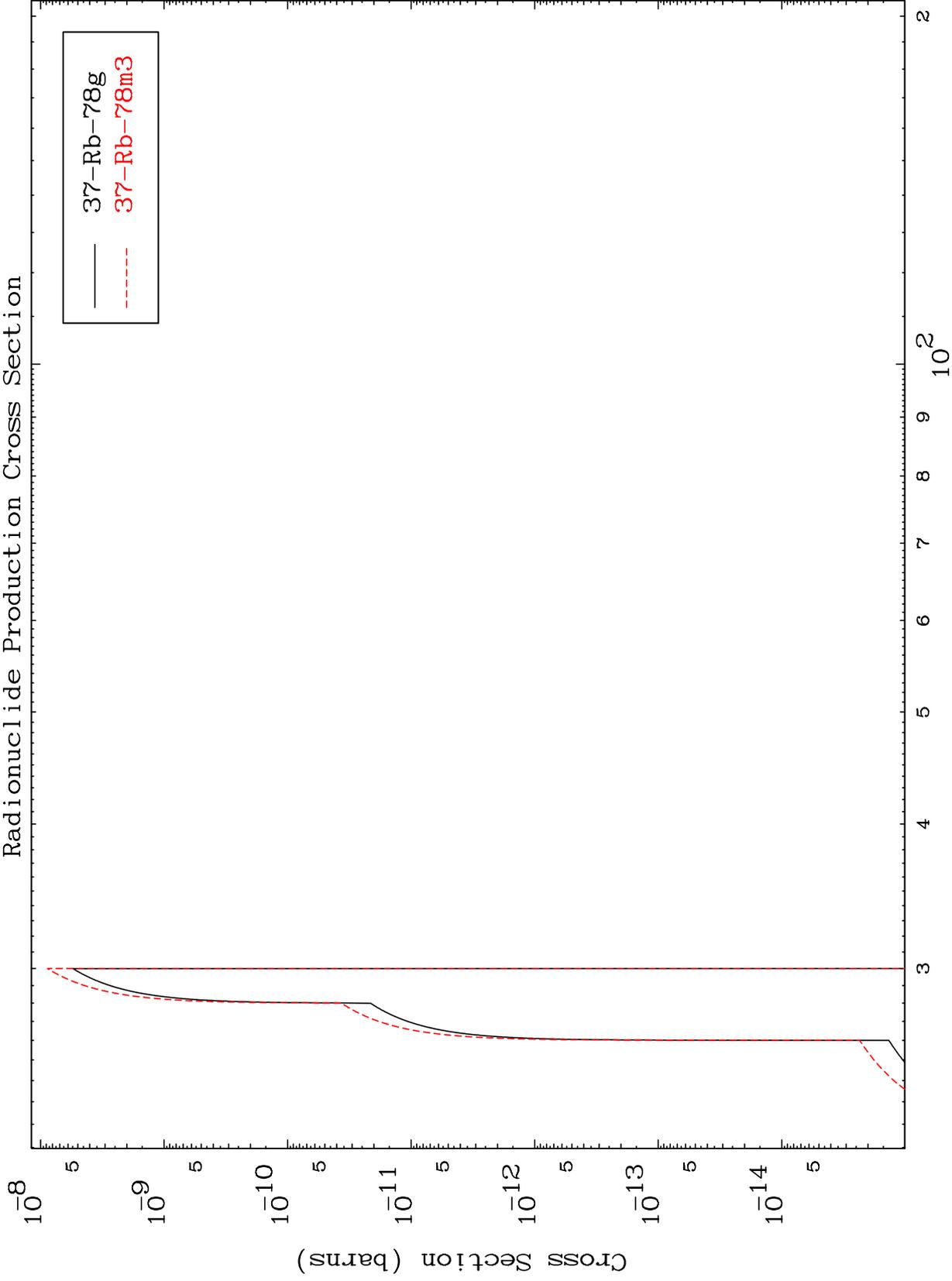
11

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(n,n') He-3

37-Rb-78

Radionuclide Production Cross Section



12

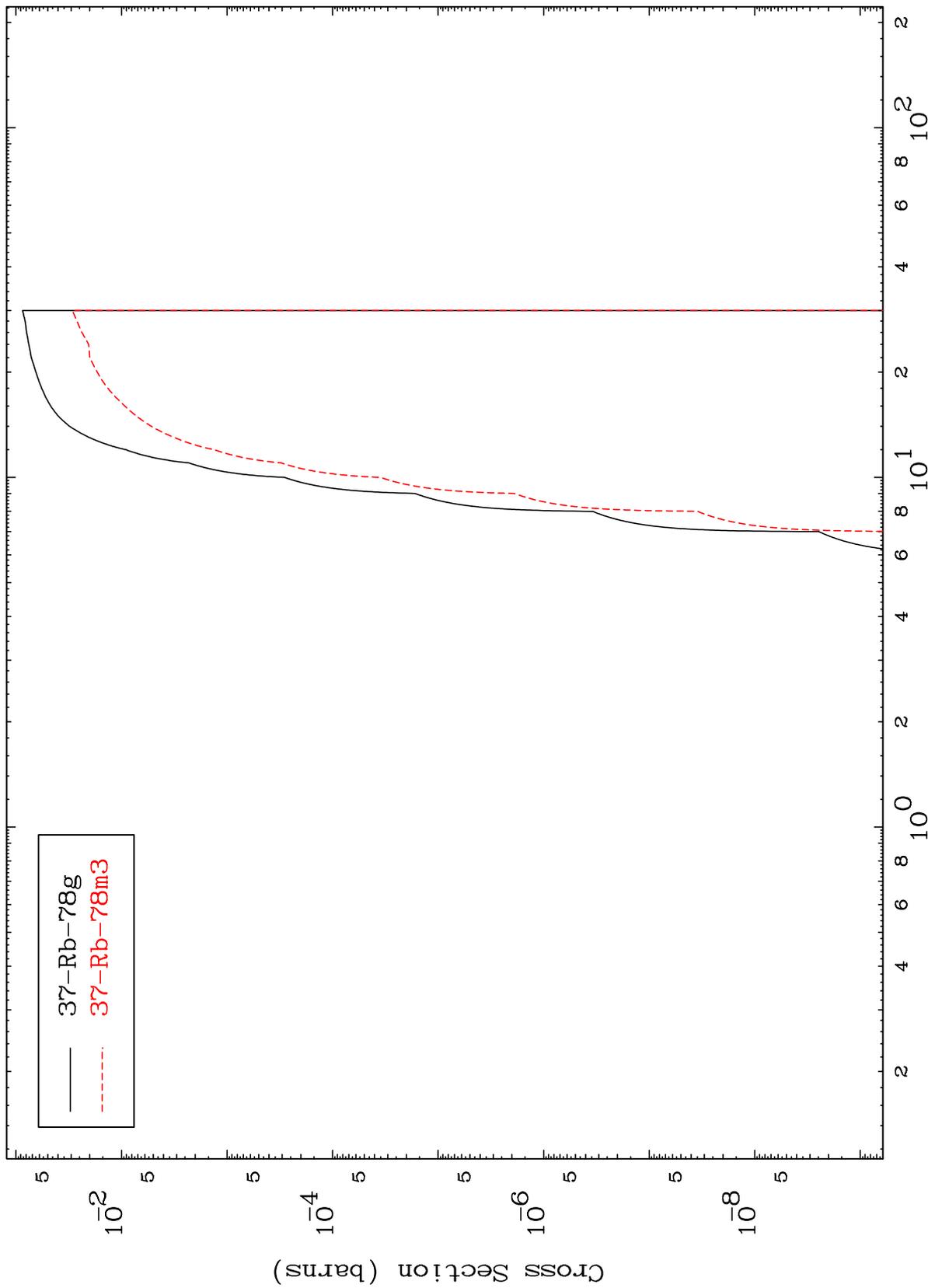
Incident Energy (MeV)

37-Rb-78

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³⁷Rb-78

Radionuclide Production Cross Section



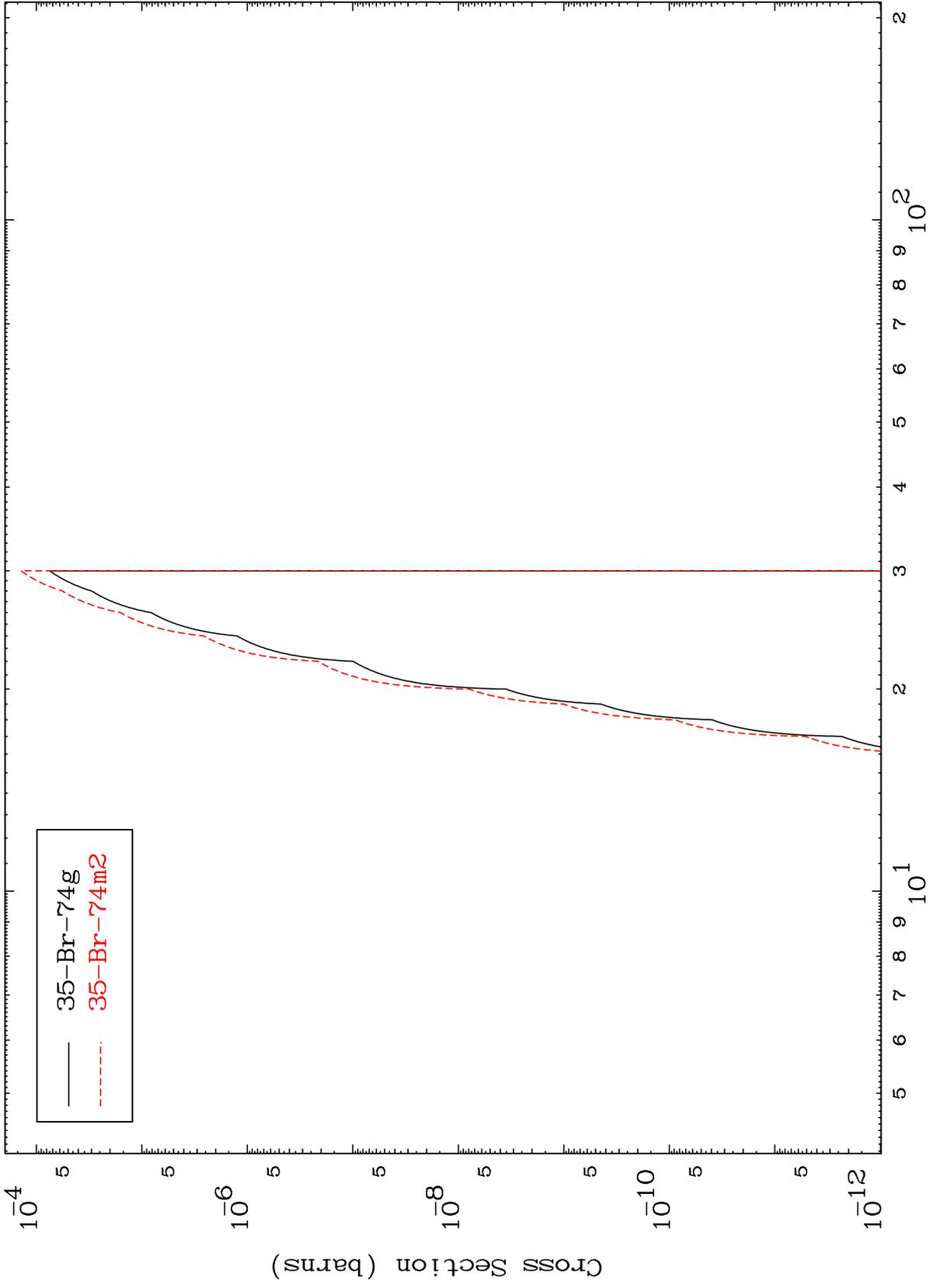
³⁷Rb-78

Incident Energy (MeV)

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37-Rb-78

Radionuclide Production Cross Section
(n,2α)



14

Incident Energy (MeV)

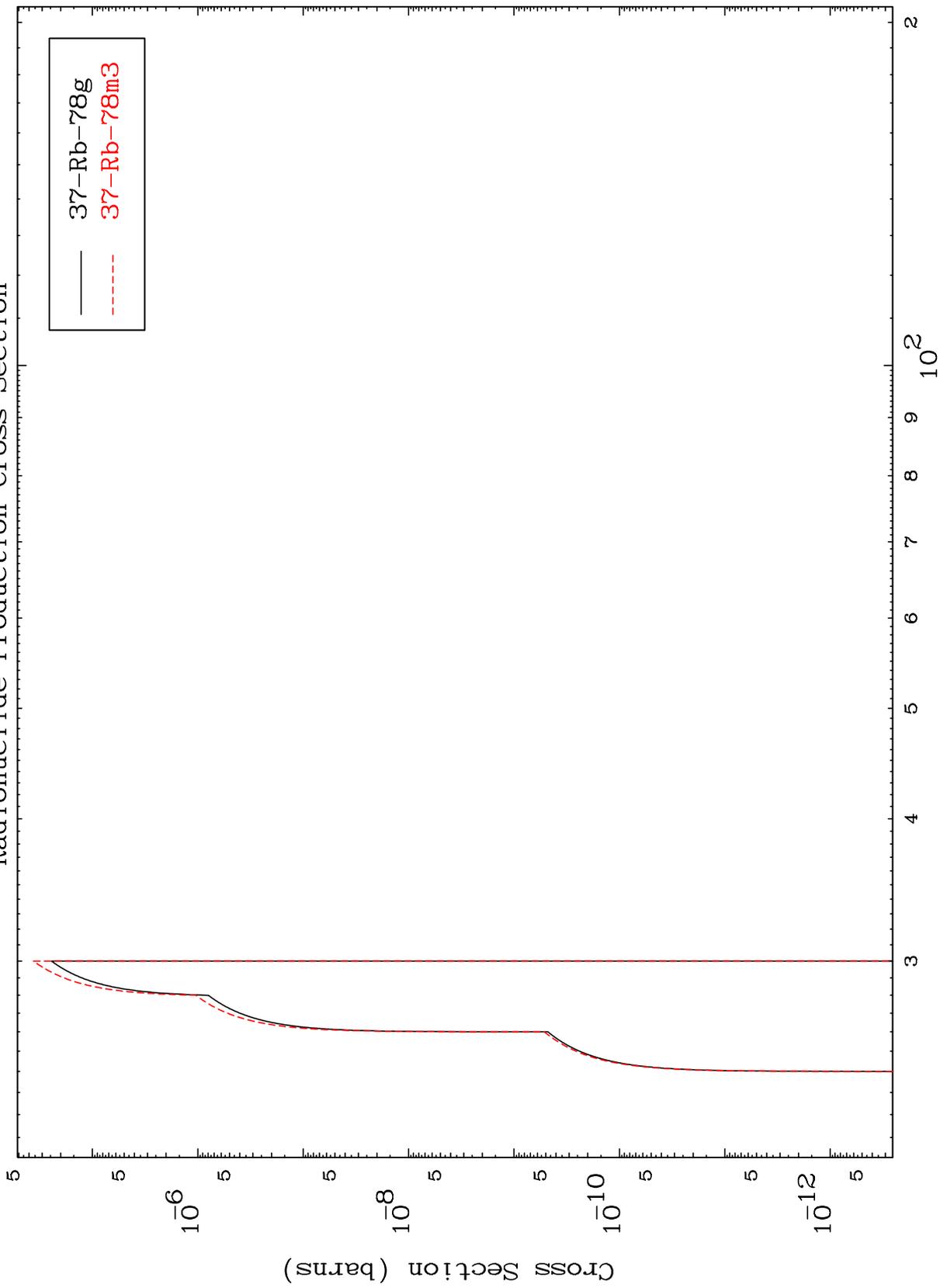
37-Rb-78

MAT 3704

³⁷Rb-78

(n,p) t

Radionuclide Production Cross Section



15

Incident Energy (MeV)

³⁷Rb-78