

Program EVALPLOT
(Version 2021-1)

by

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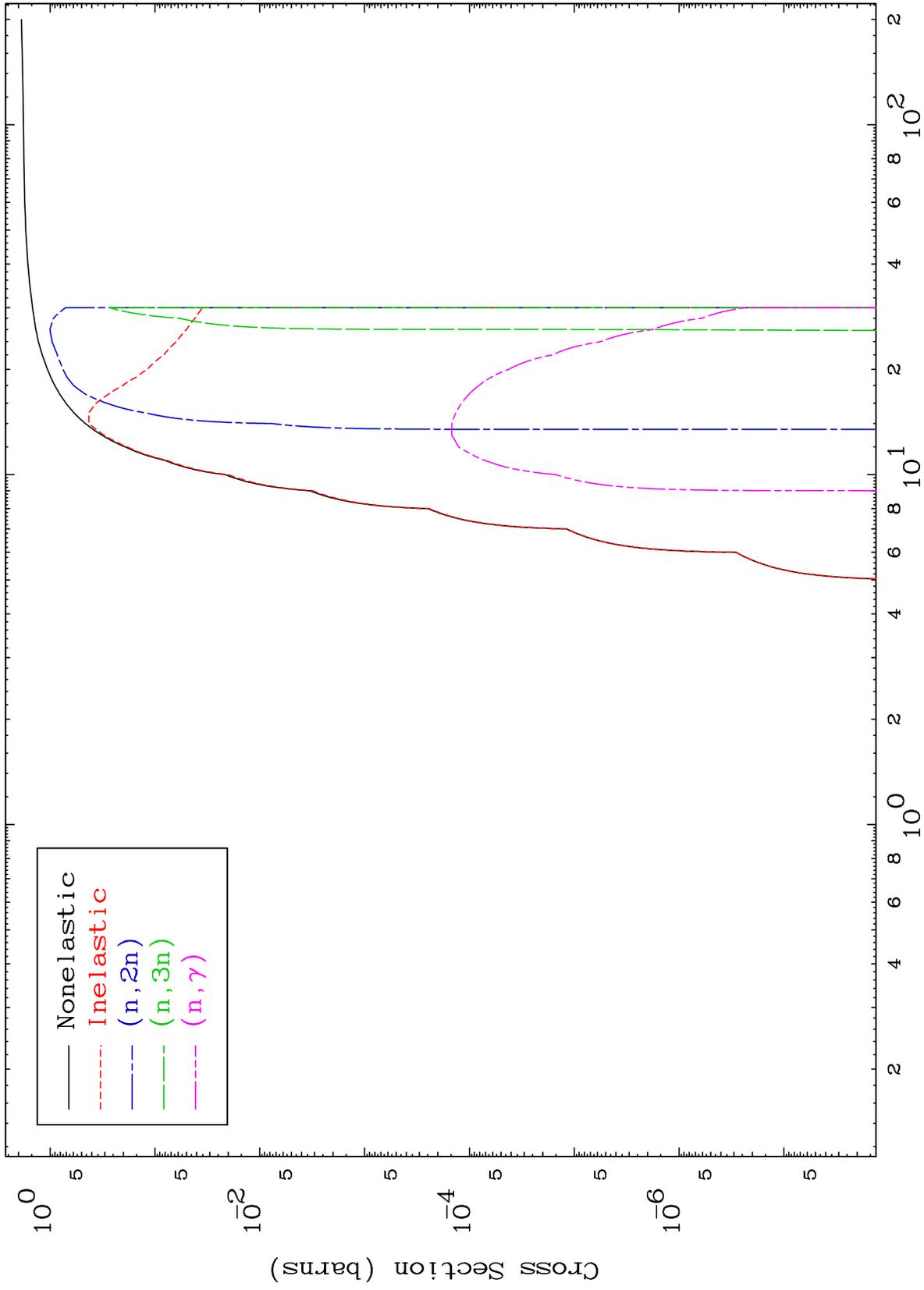
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3725

0 Kelvin α Major
Cross Sections

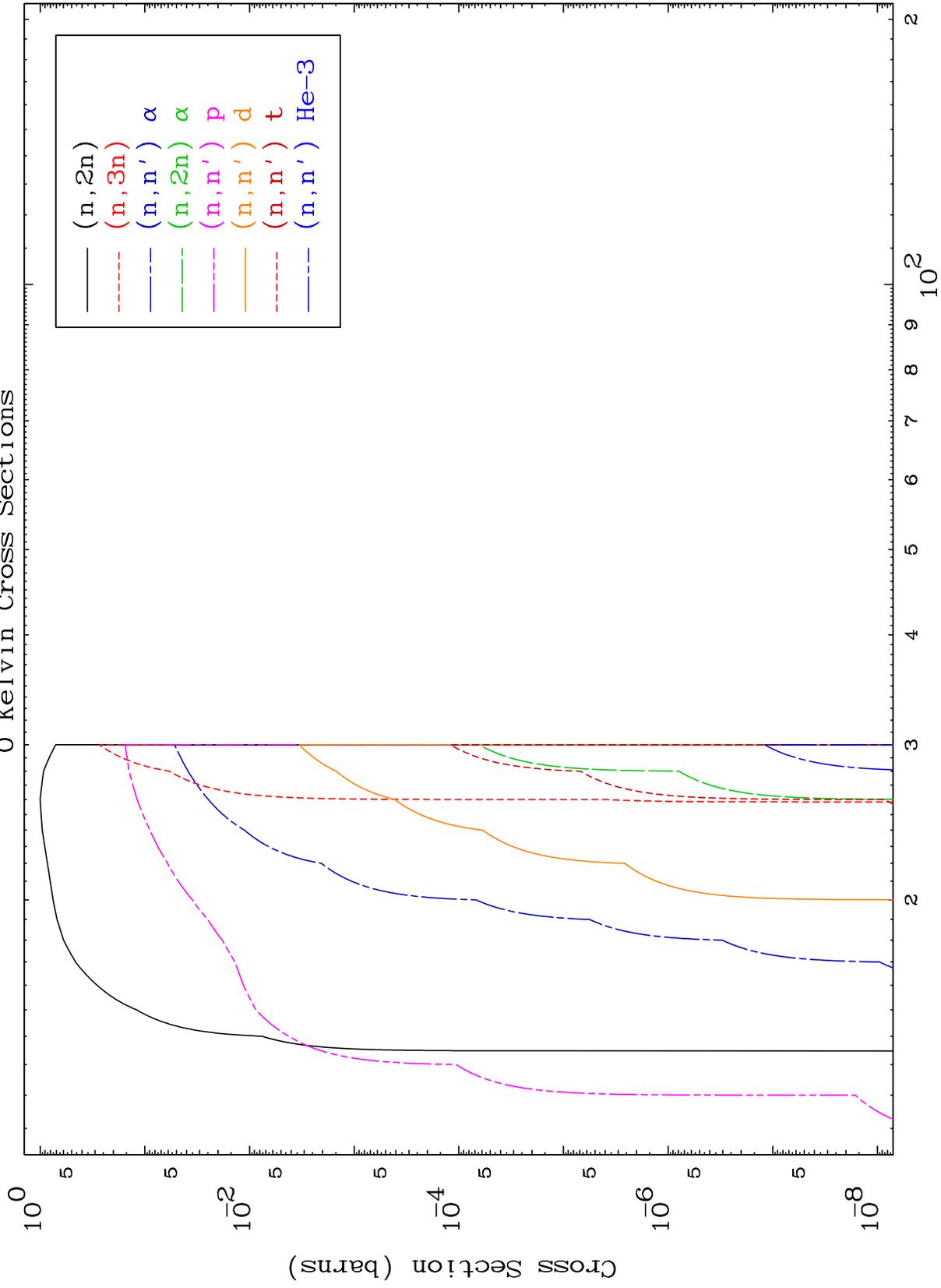
37-Rb-85



MAT 3725

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-85



2

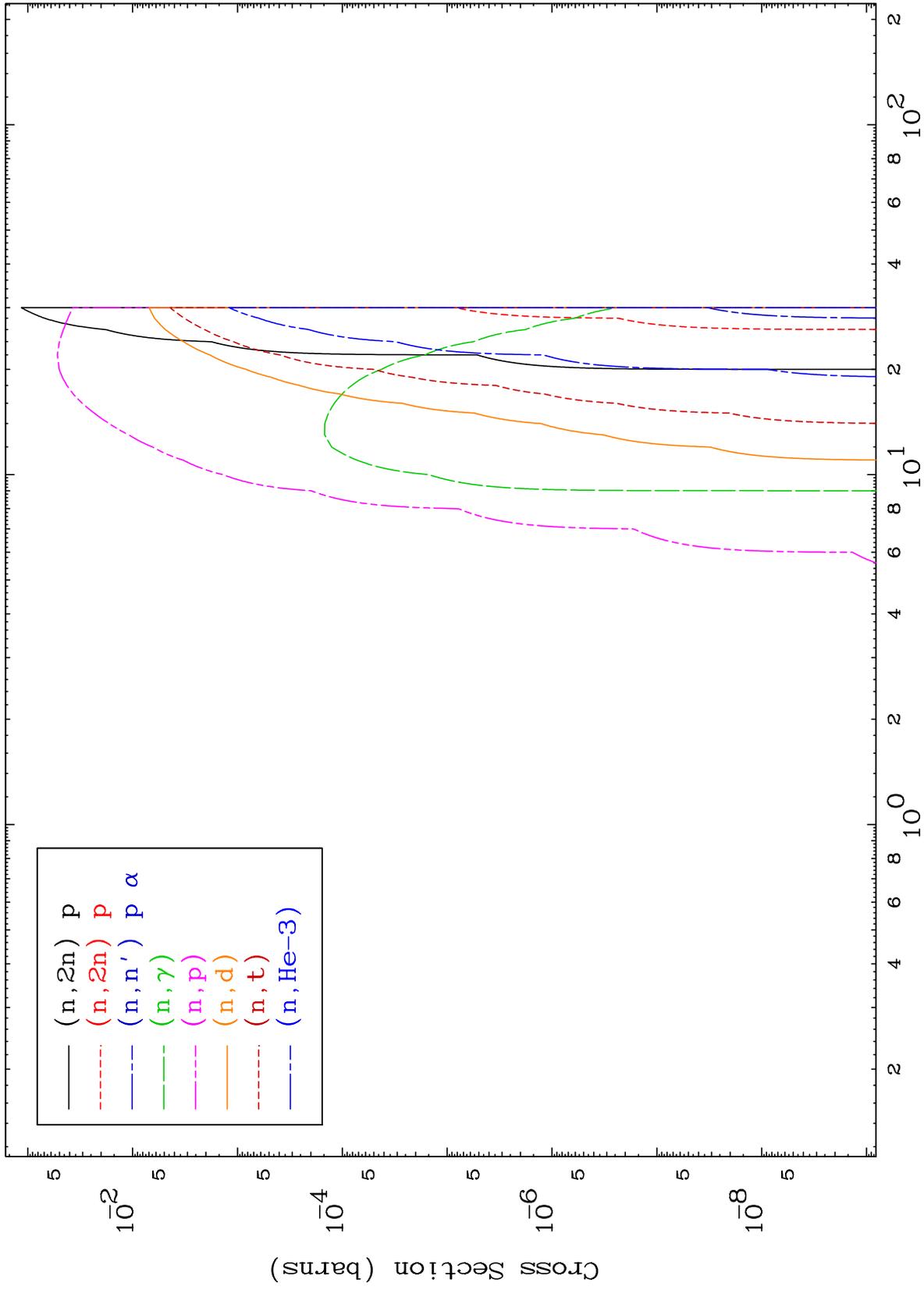
Incident Energy (MeV)

37-Rb-85

MAT 3725

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-85



3

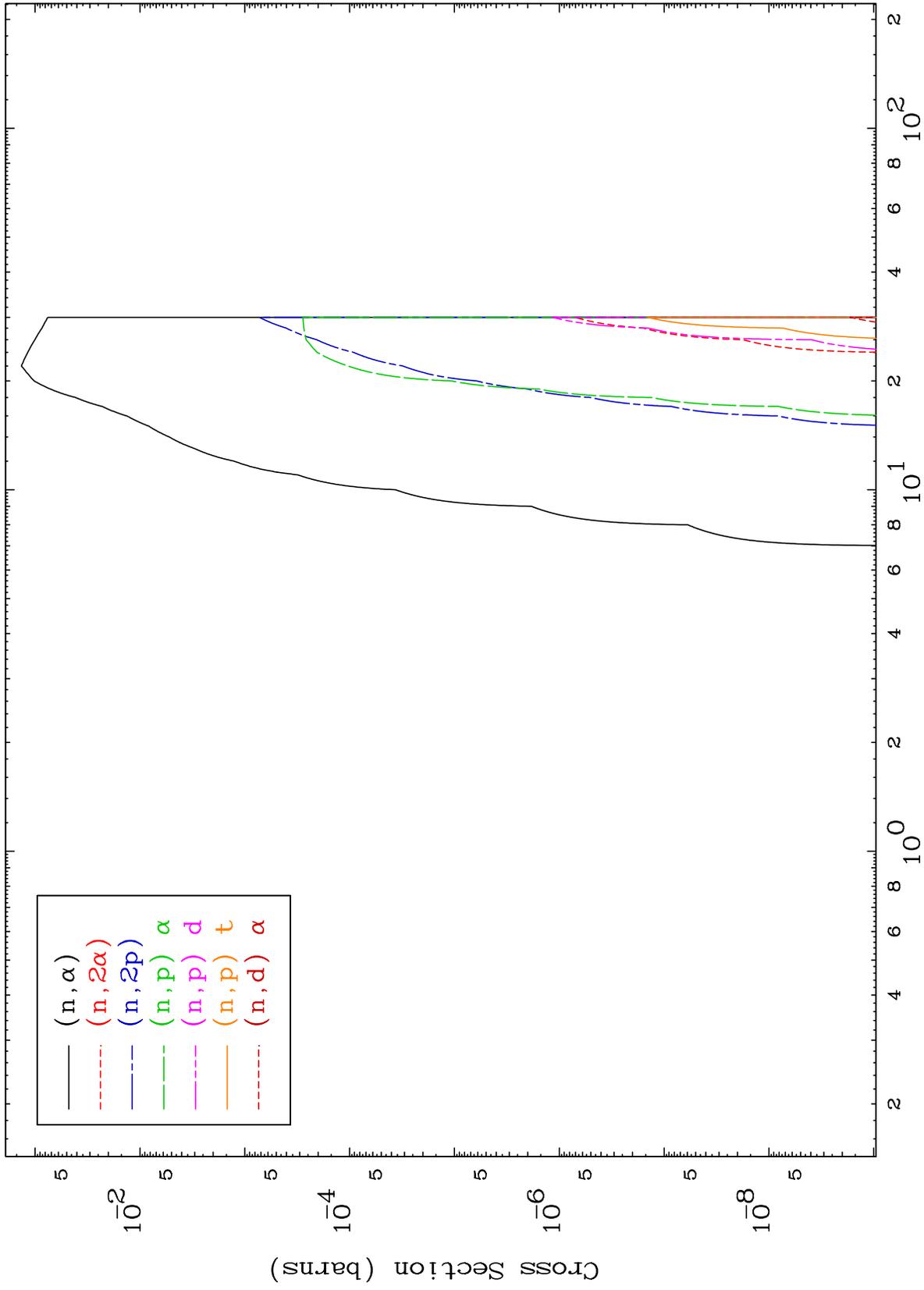
Incident Energy (MeV)

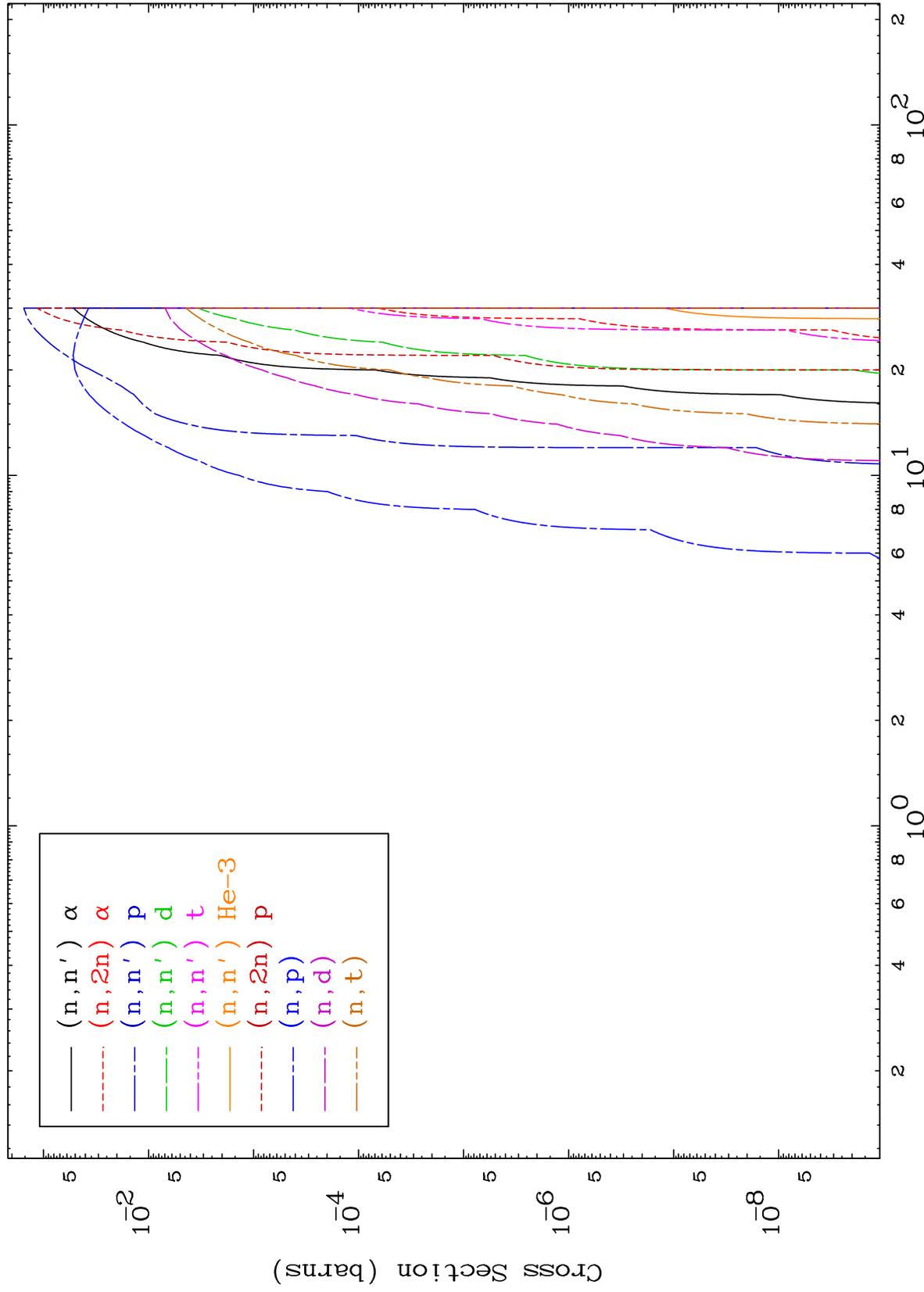
37-Rb-85

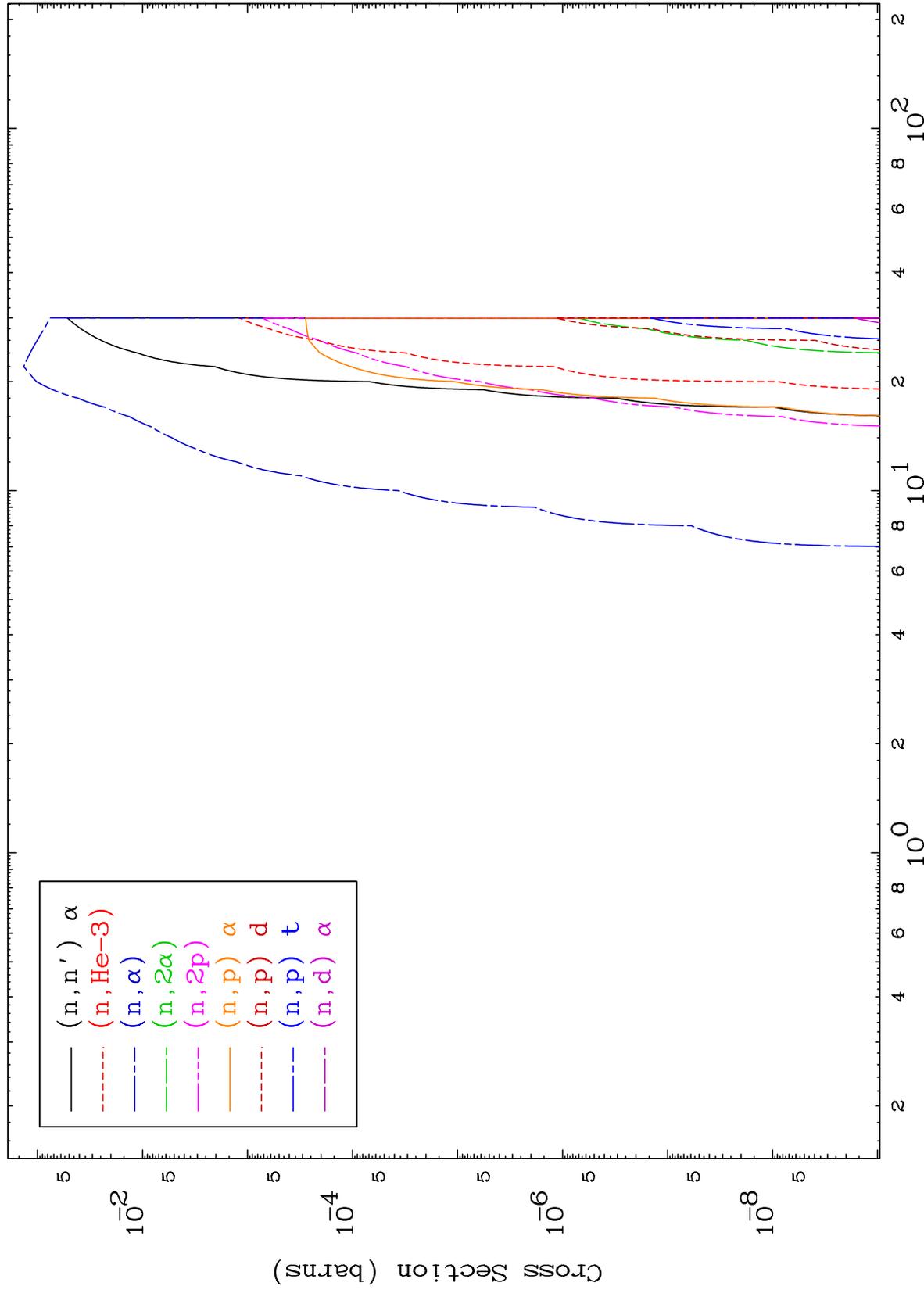
MAT 3725

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-85



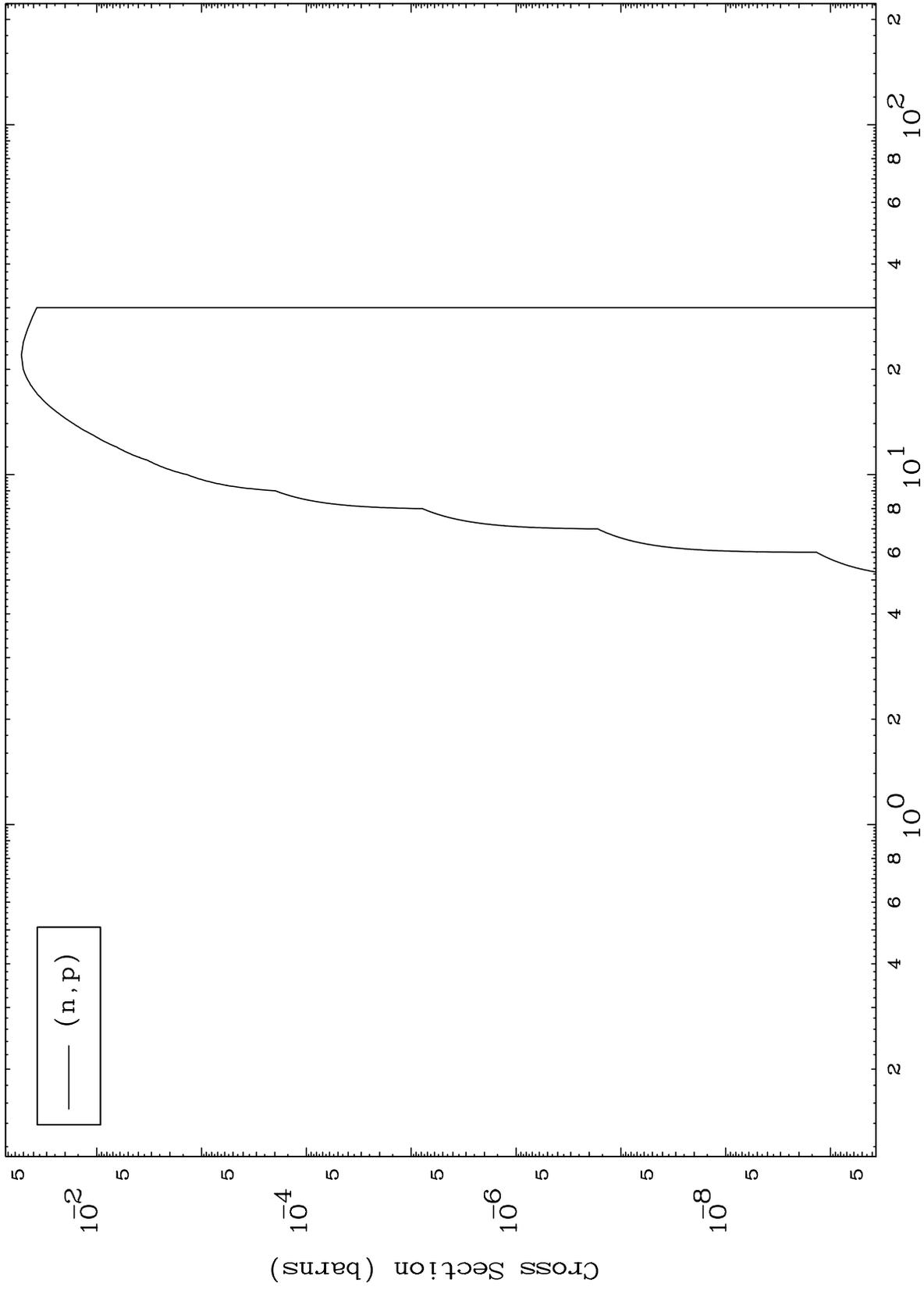




MAT 3725

(α, p) Levels
0 Kelvin Cross Sections

37-Rb-85



7

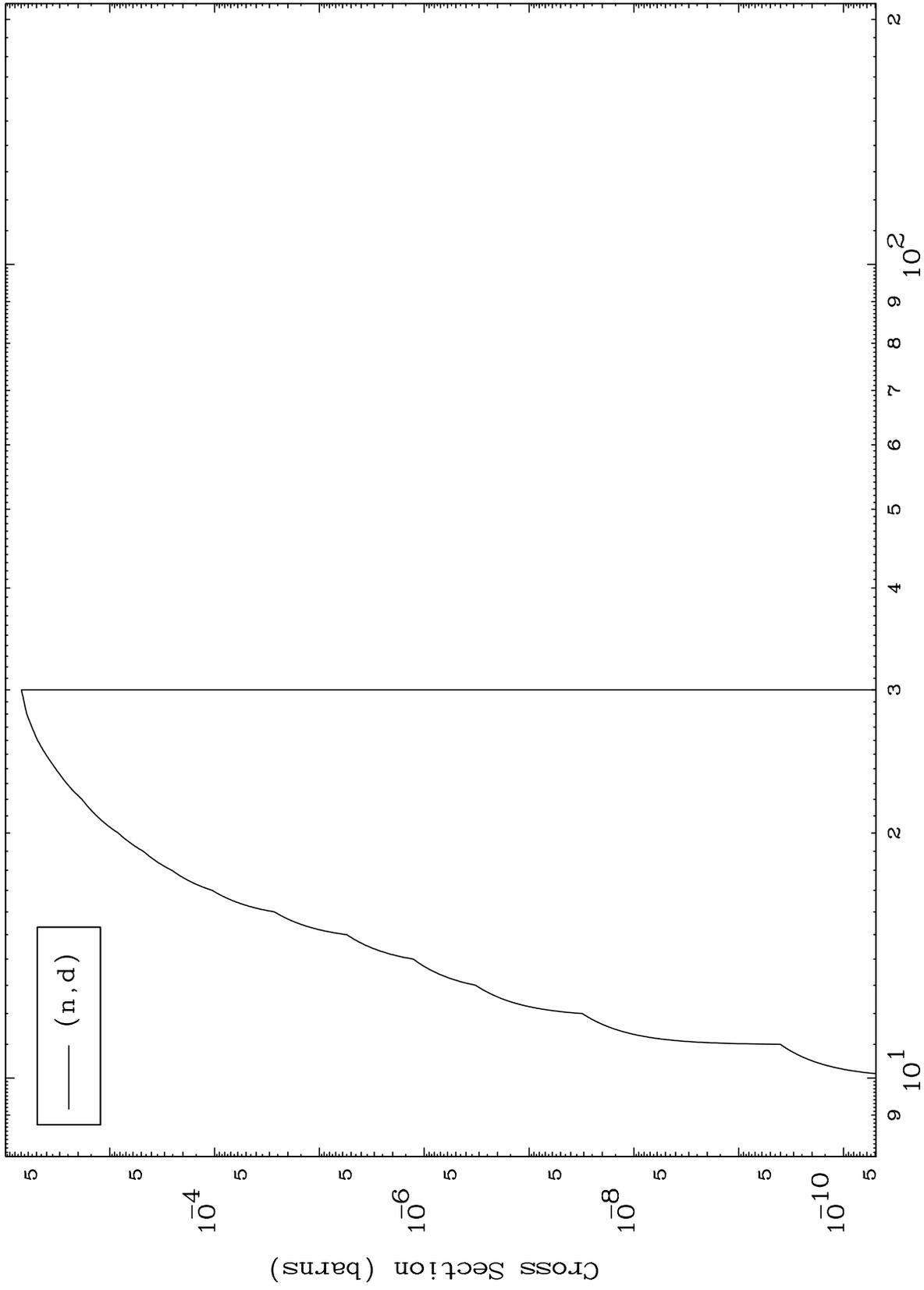
Incident Energy (MeV)

37-Rb-85

MAT 3725

(α, d) Levels
0 Kelvin Cross Sections

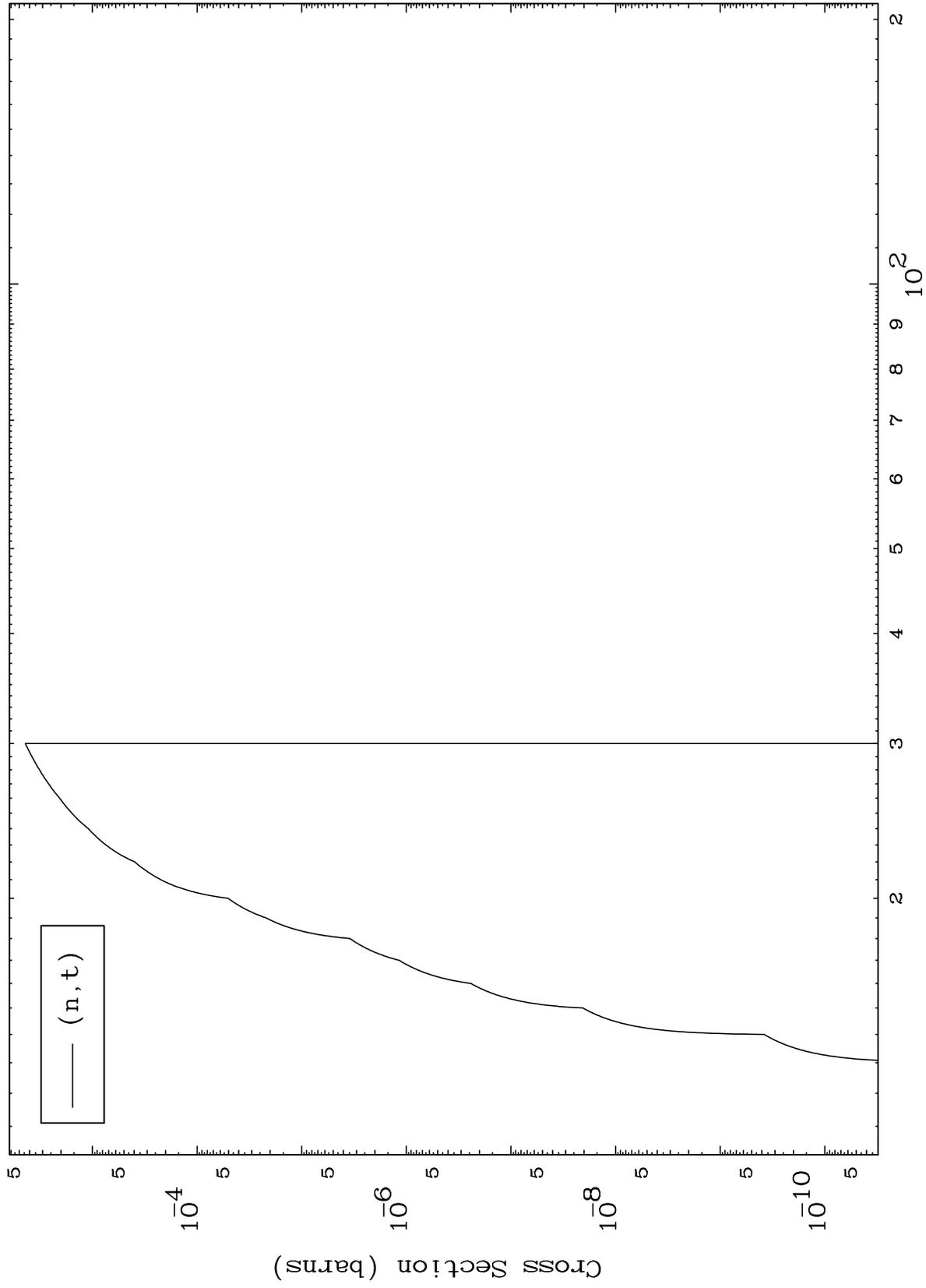
37-Rb-85



8

Incident Energy (MeV)

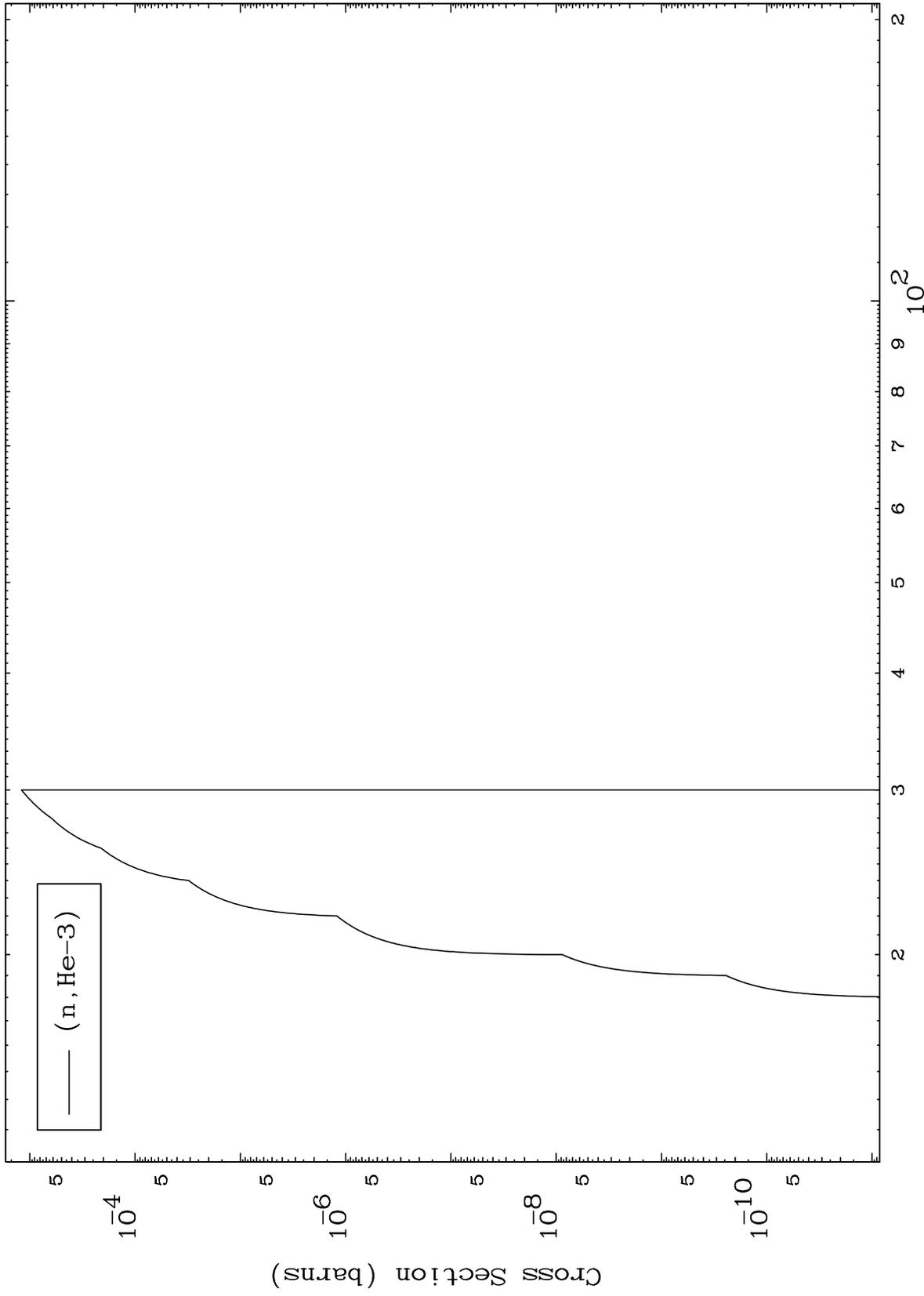
37-Rb-85



MAT 3725

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

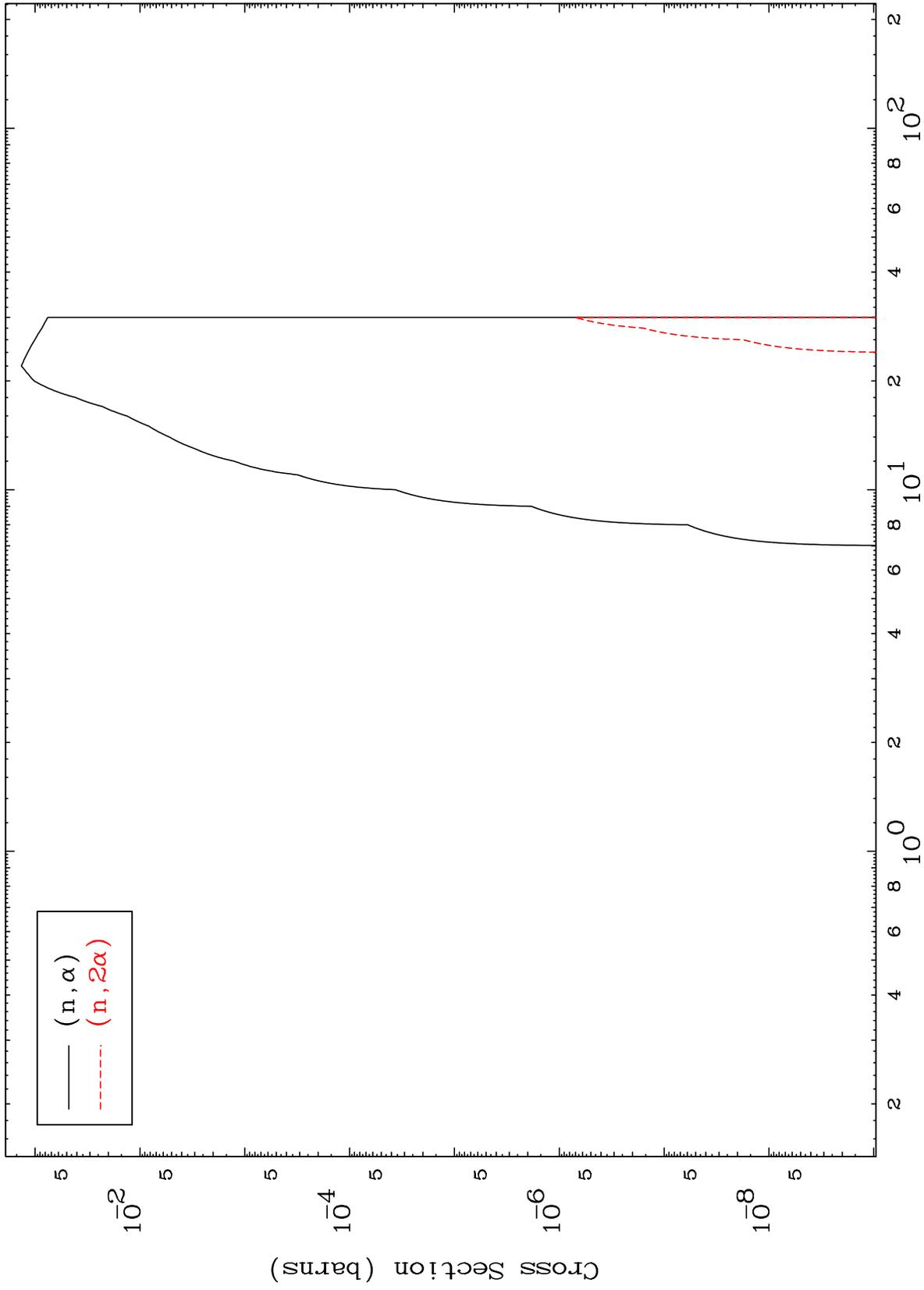
37-Rb-85



10

Incident Energy (MeV)

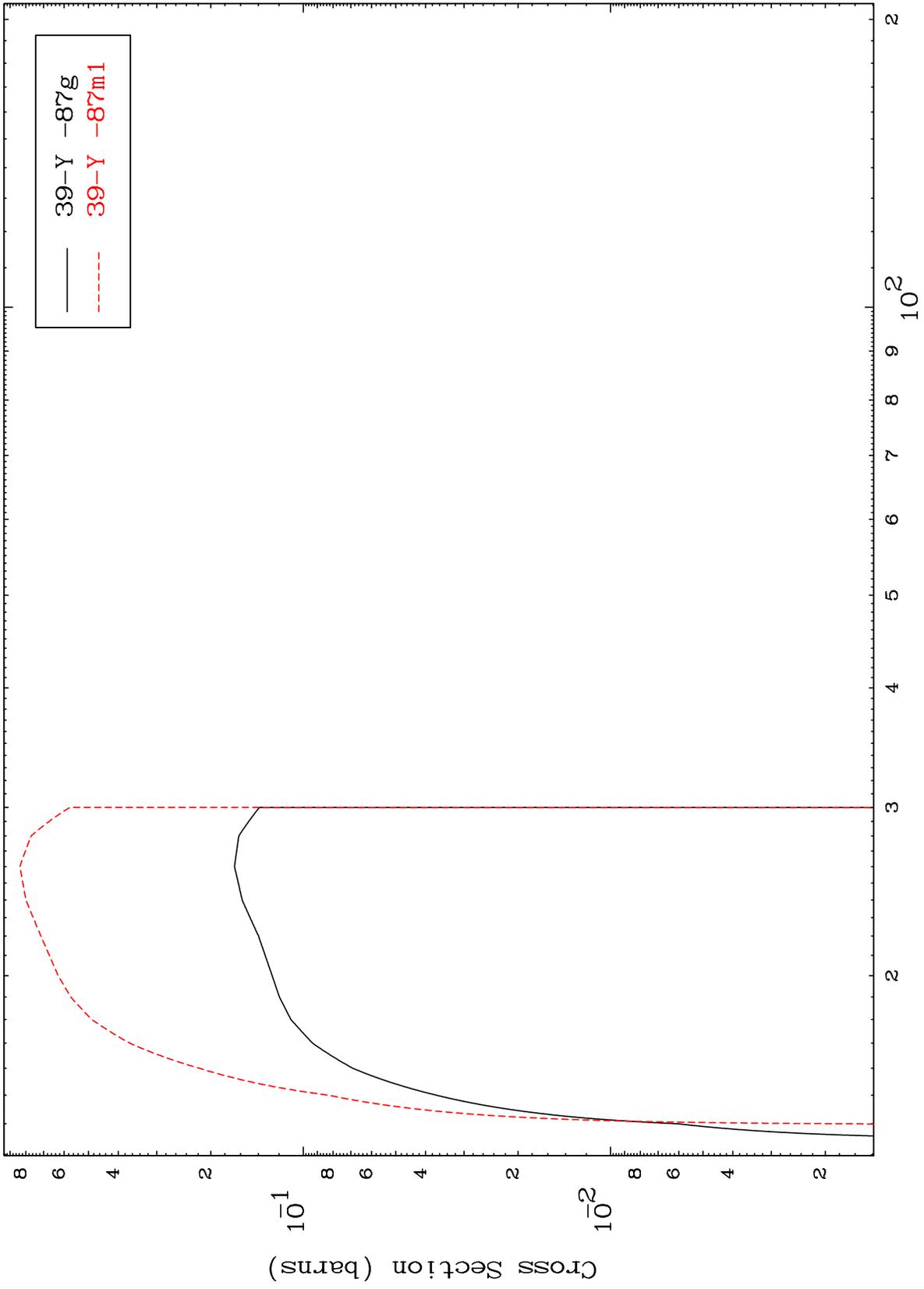
37-Rb-85



MAT 3725

37-Rb-85

(n,2n)
Radionuclide Production Cross Section



12

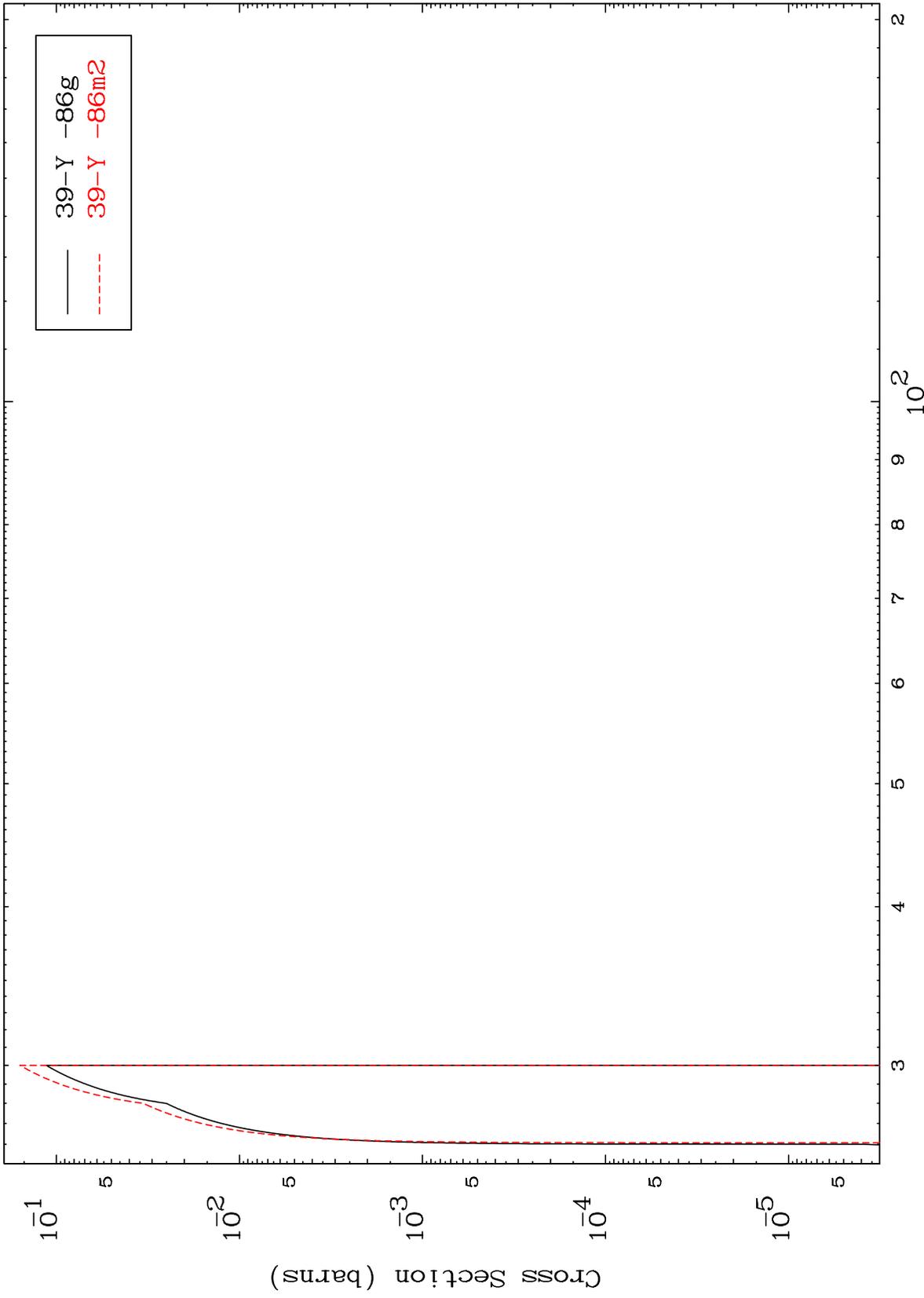
Incident Energy (MeV)

37-Rb-85

MAT 3725

37-Rb-85

(n,3n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

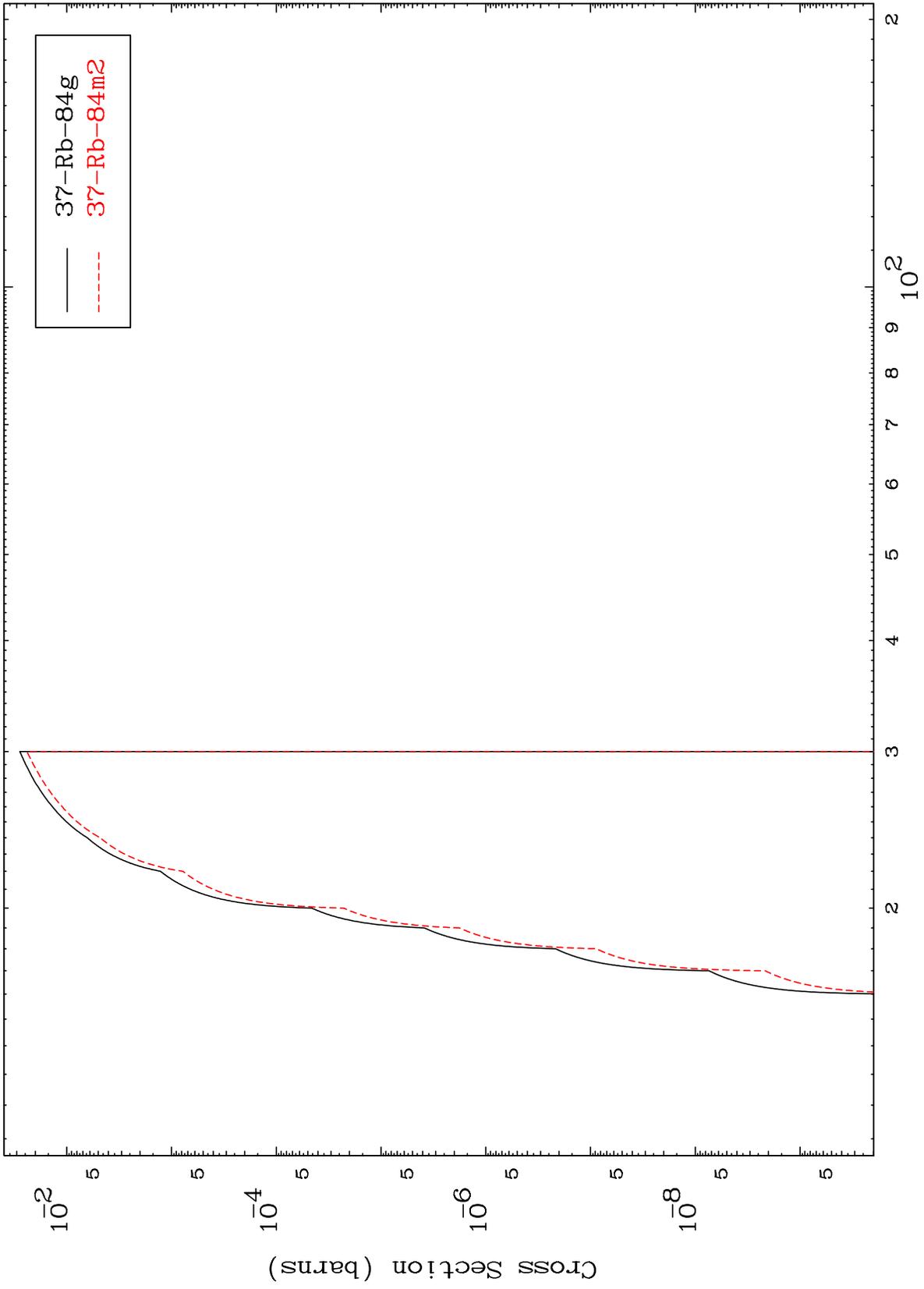
37-Rb-85

MAT 3725

(n,n') α

37-Rb-85

Radionuclide Production Cross Section



14

Incident Energy (MeV)

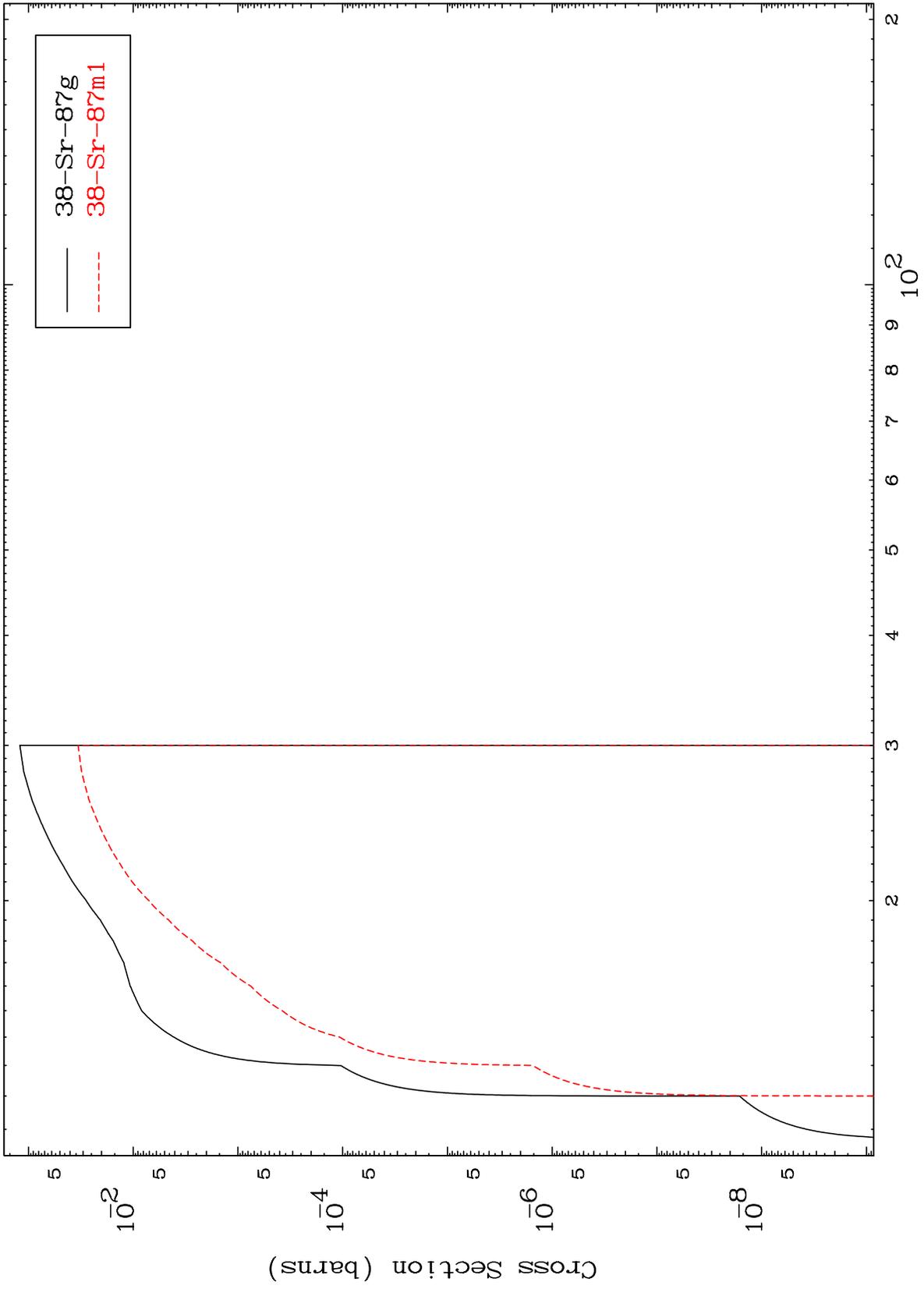
37-Rb-85

MAT 3725

(n,n') p

37-Rb-85

Radionuclide Production Cross Section



15

Incident Energy (MeV)

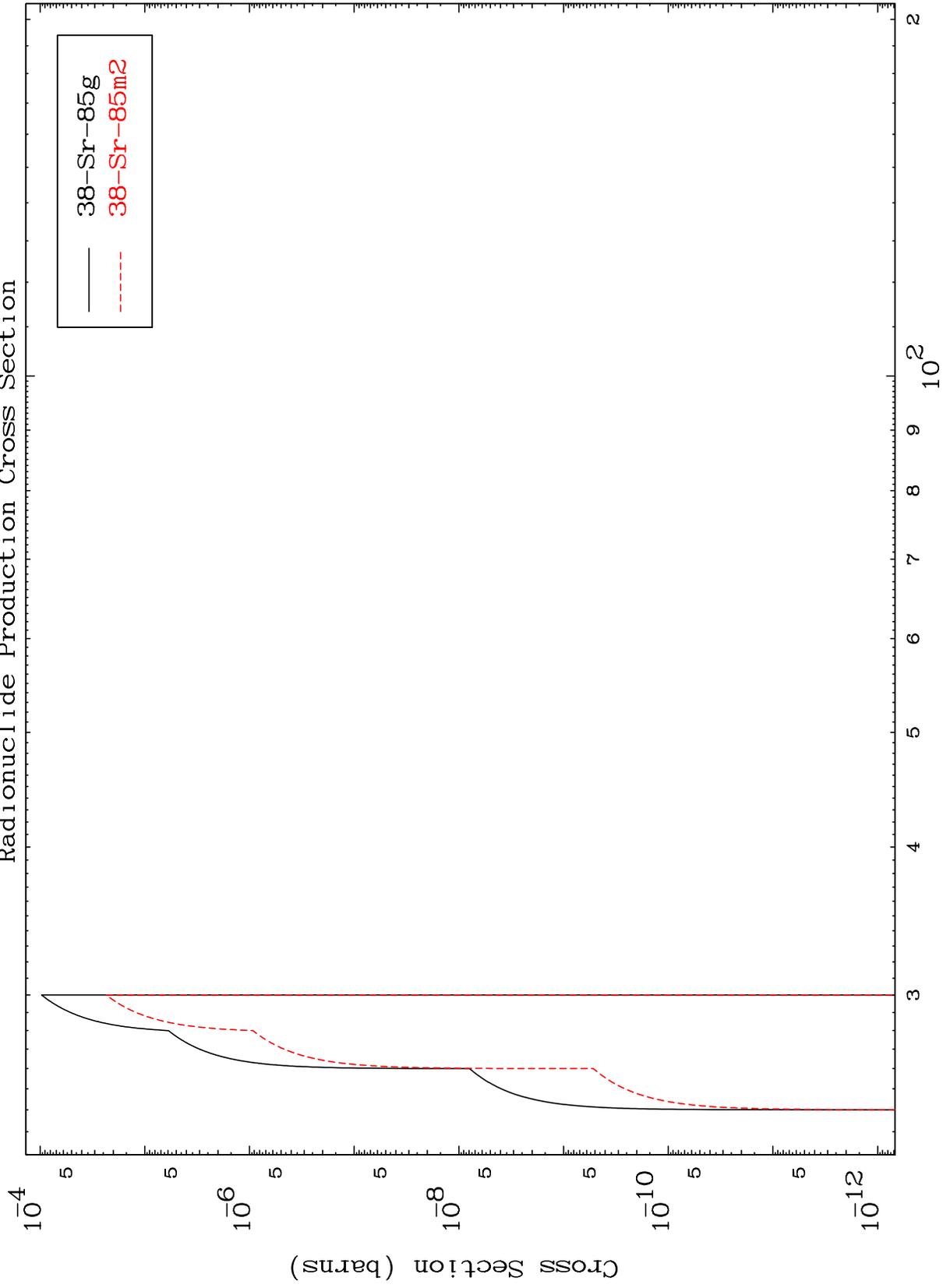
37-Rb-85

MAT 3725

(n,n') t

37-Rb-85

Radionuclide Production Cross Section



16

Incident Energy (MeV)

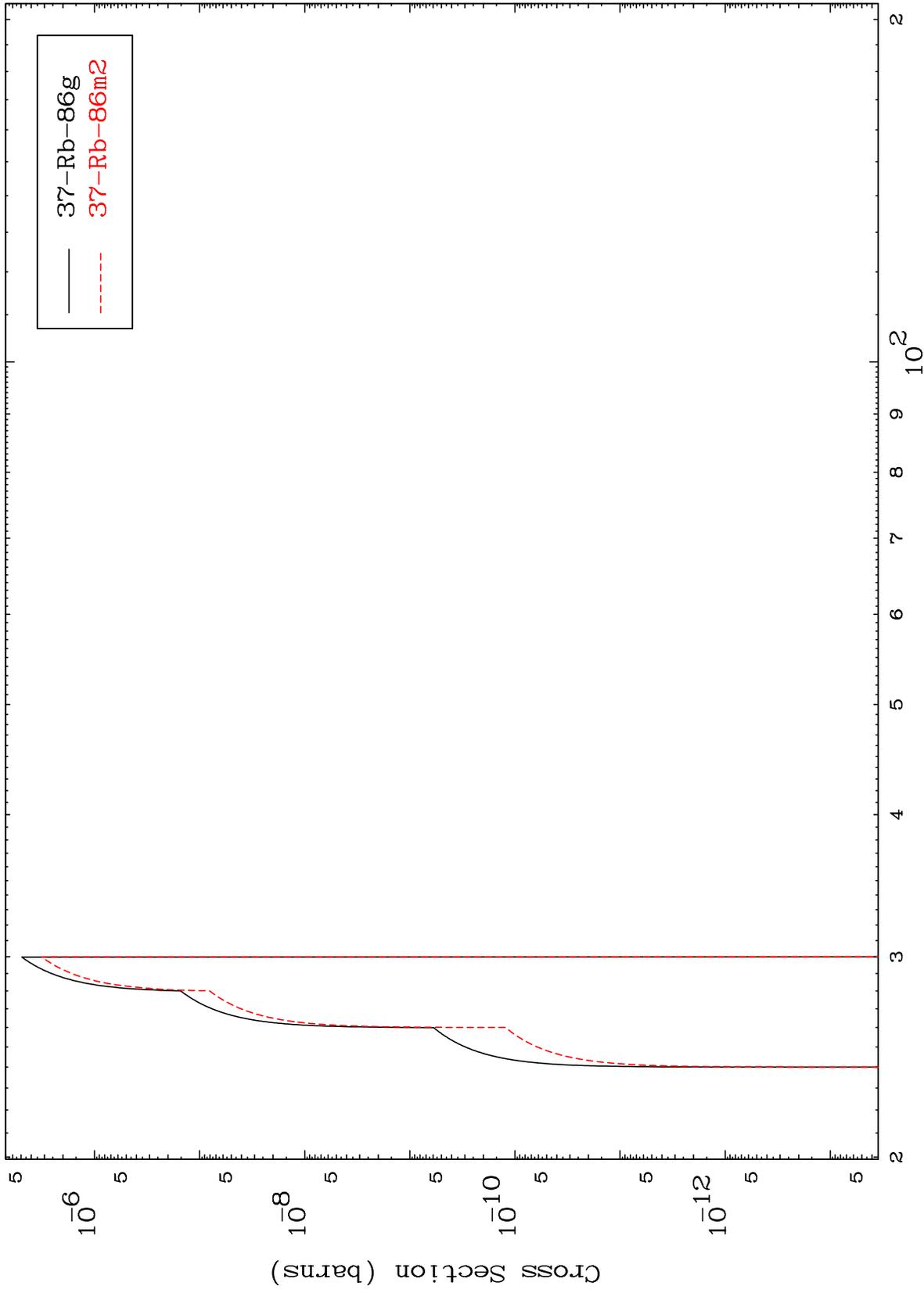
37-Rb-85

MAT 3725

(n,2n) p

37-Rb-85

Radionuclide Production Cross Section

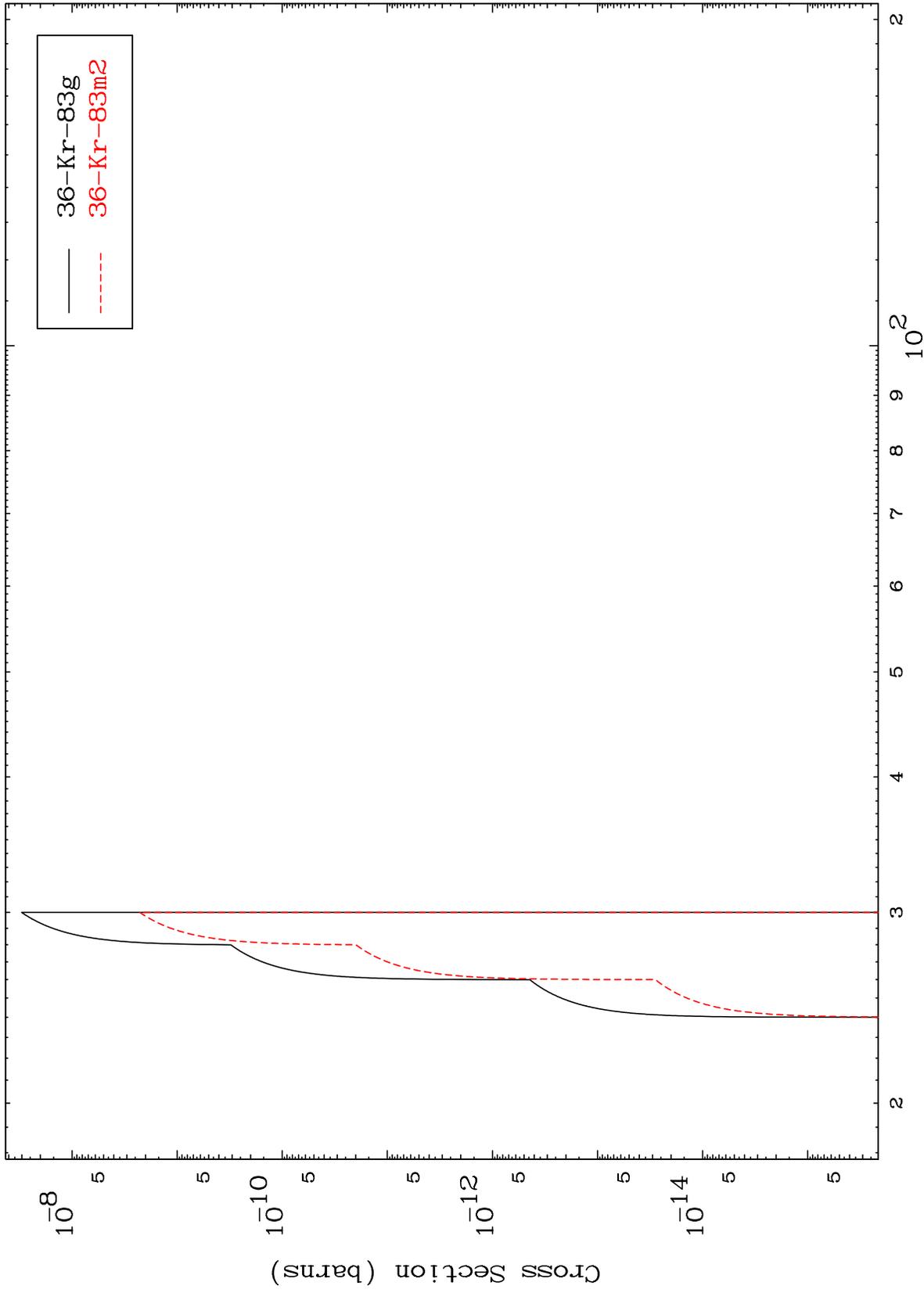


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Incident Energy (MeV)

37-Rb-85

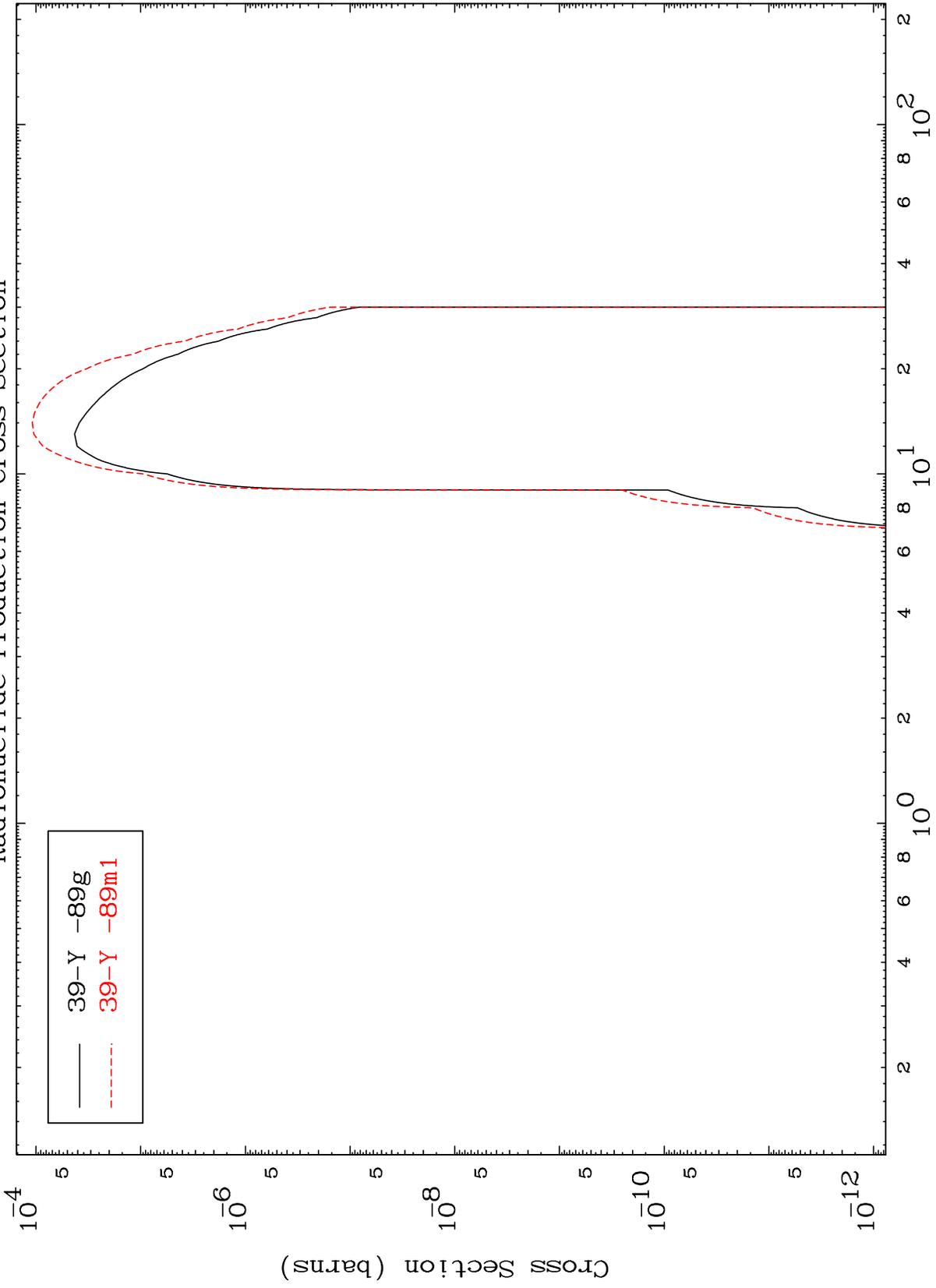
Radionuclide Production Cross Section



MAT 3725

37-Rb-85

Radionuclide Production Cross Section
(n, γ)

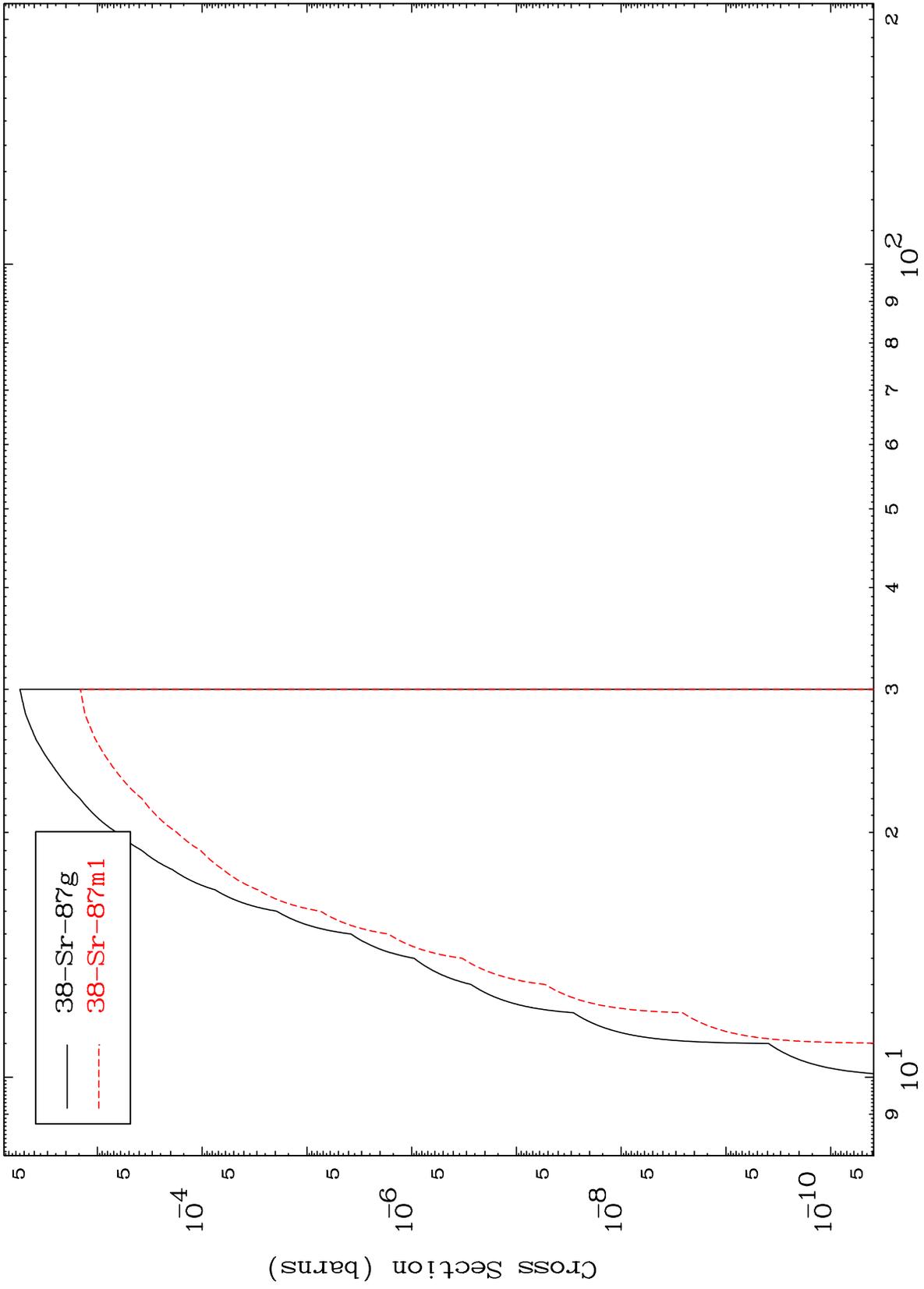


39-Y -89g
39-Y -89m1

MAT 3725

37-Rb-85

(n,d)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

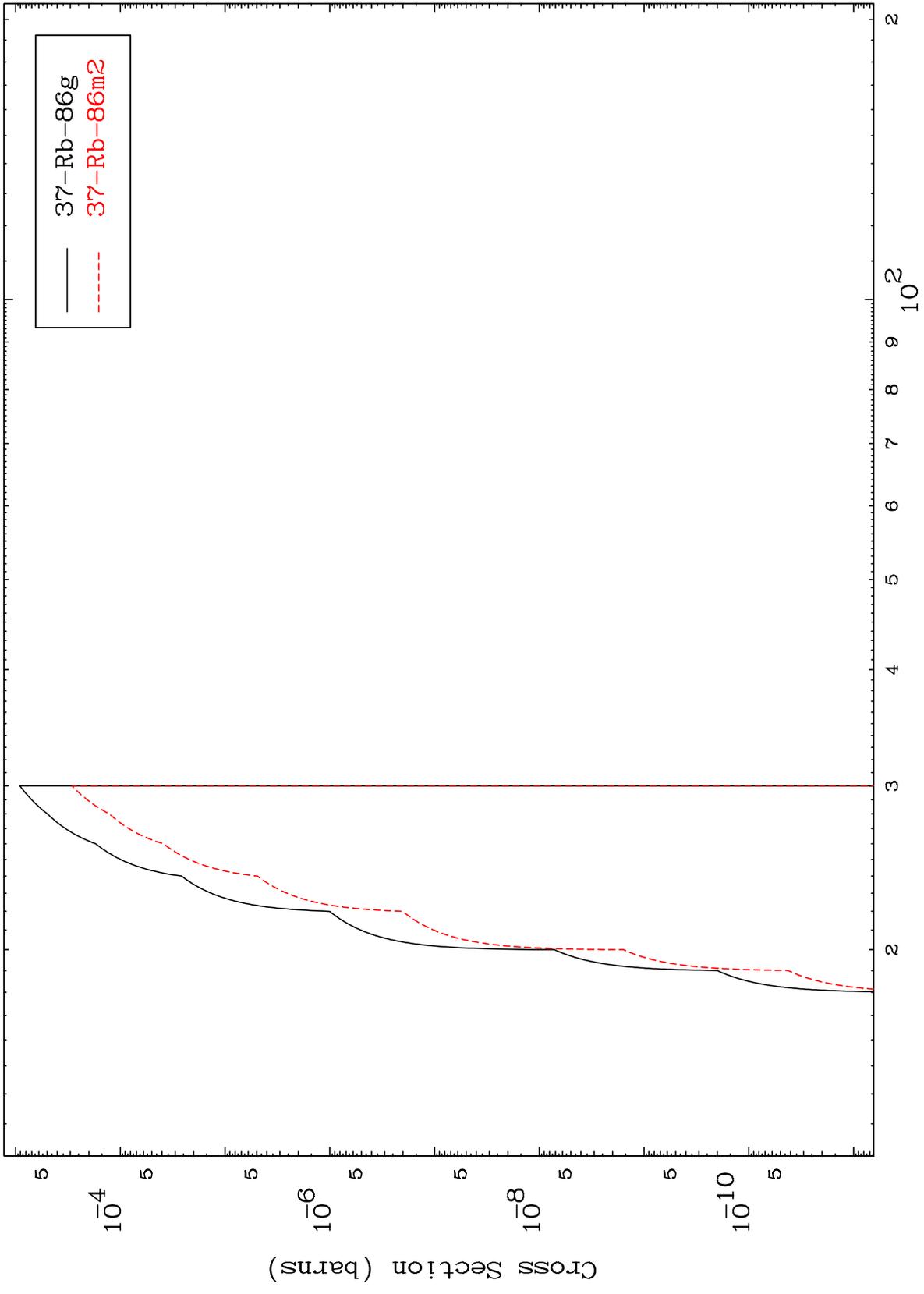
37-Rb-85

MAT 3725

(n, He-3)

37-Rb-85

Radionuclide Production Cross Section



21

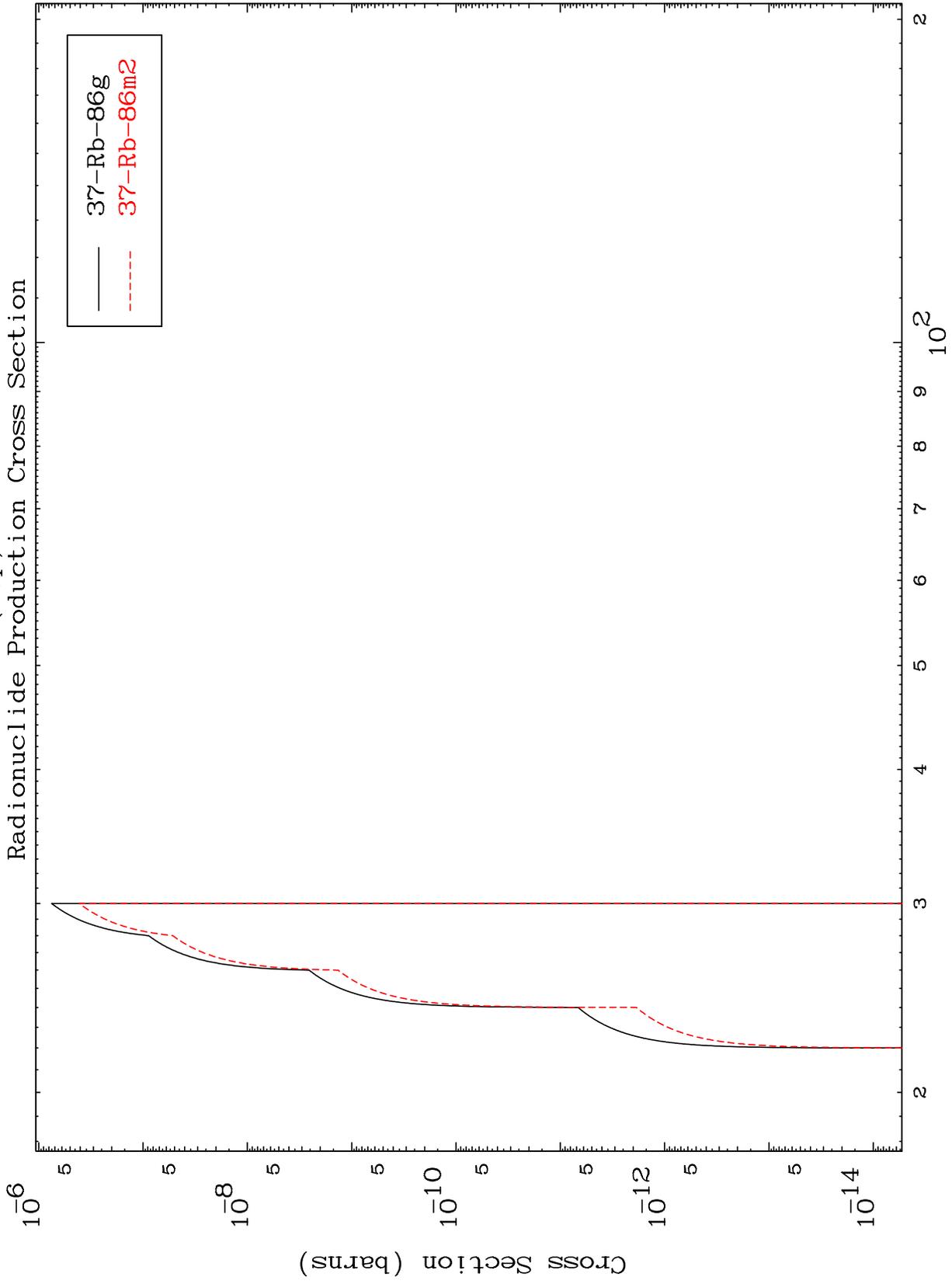
Incident Energy (MeV)

37-Rb-85

MAT 3725

(n,p) d

37-Rb-85



22

Incident Energy (MeV)

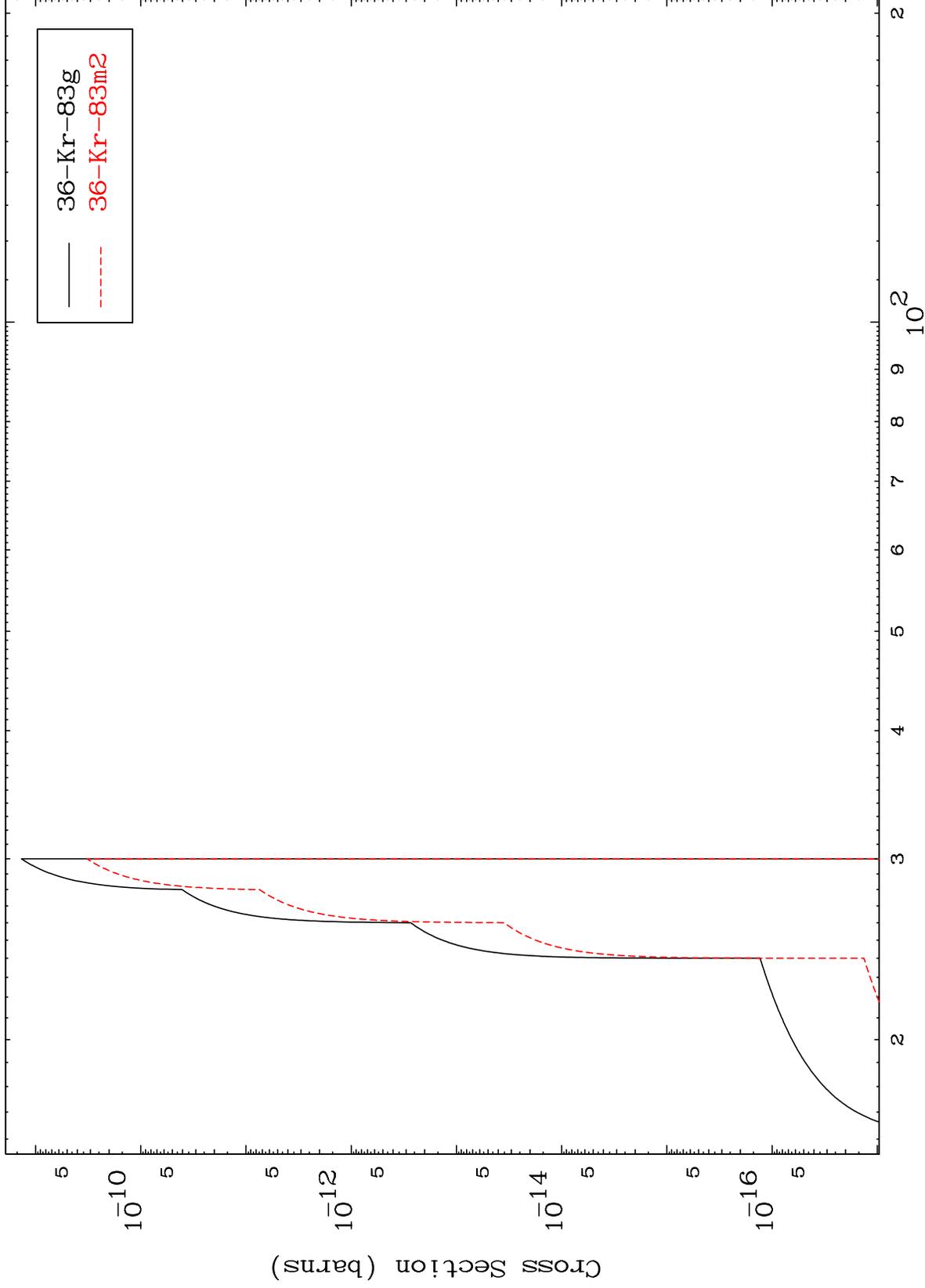
37-Rb-85

MAT 3725

(n,d) α

37-Rb-85

Radionuclide Production Cross Section



23

Incident Energy (MeV)

37-Rb-85