

Program EVALPLOT
(Version 2021-1)

by

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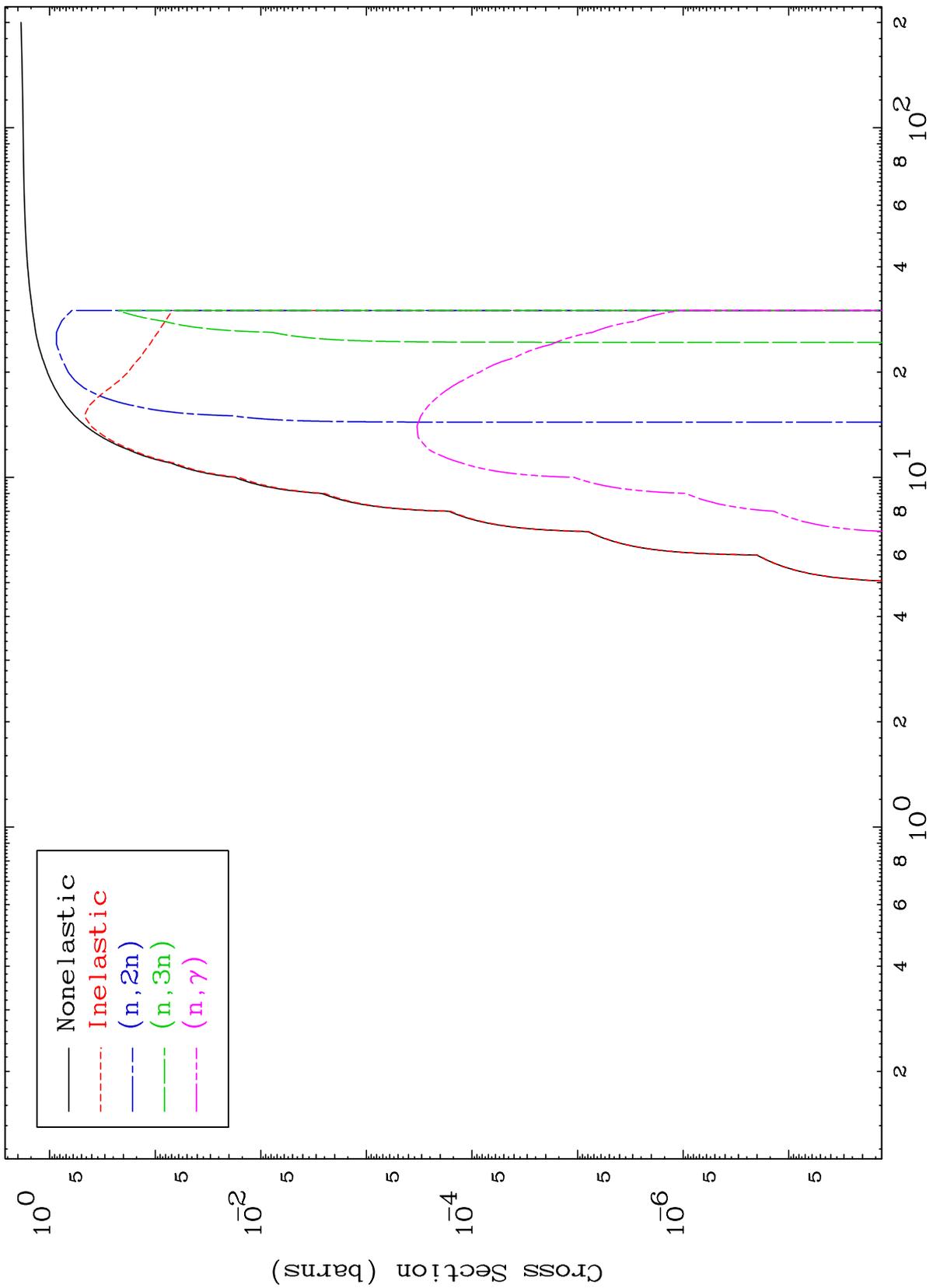
Press Mouse Button to Start

MAT 3723

α Major

37-Rb-84m

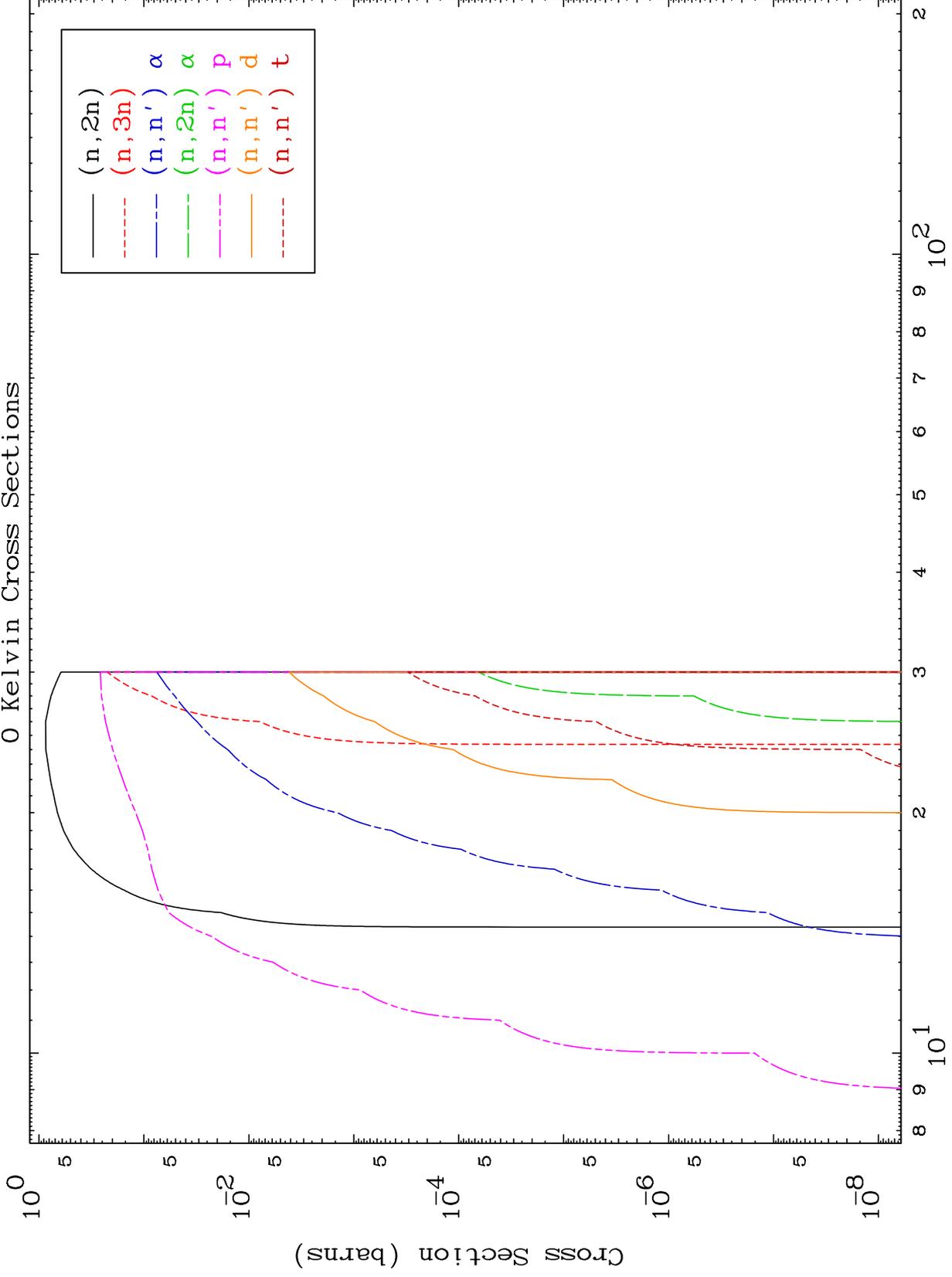
0 Kelvin Cross Sections



MAT 3723

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-84m



2

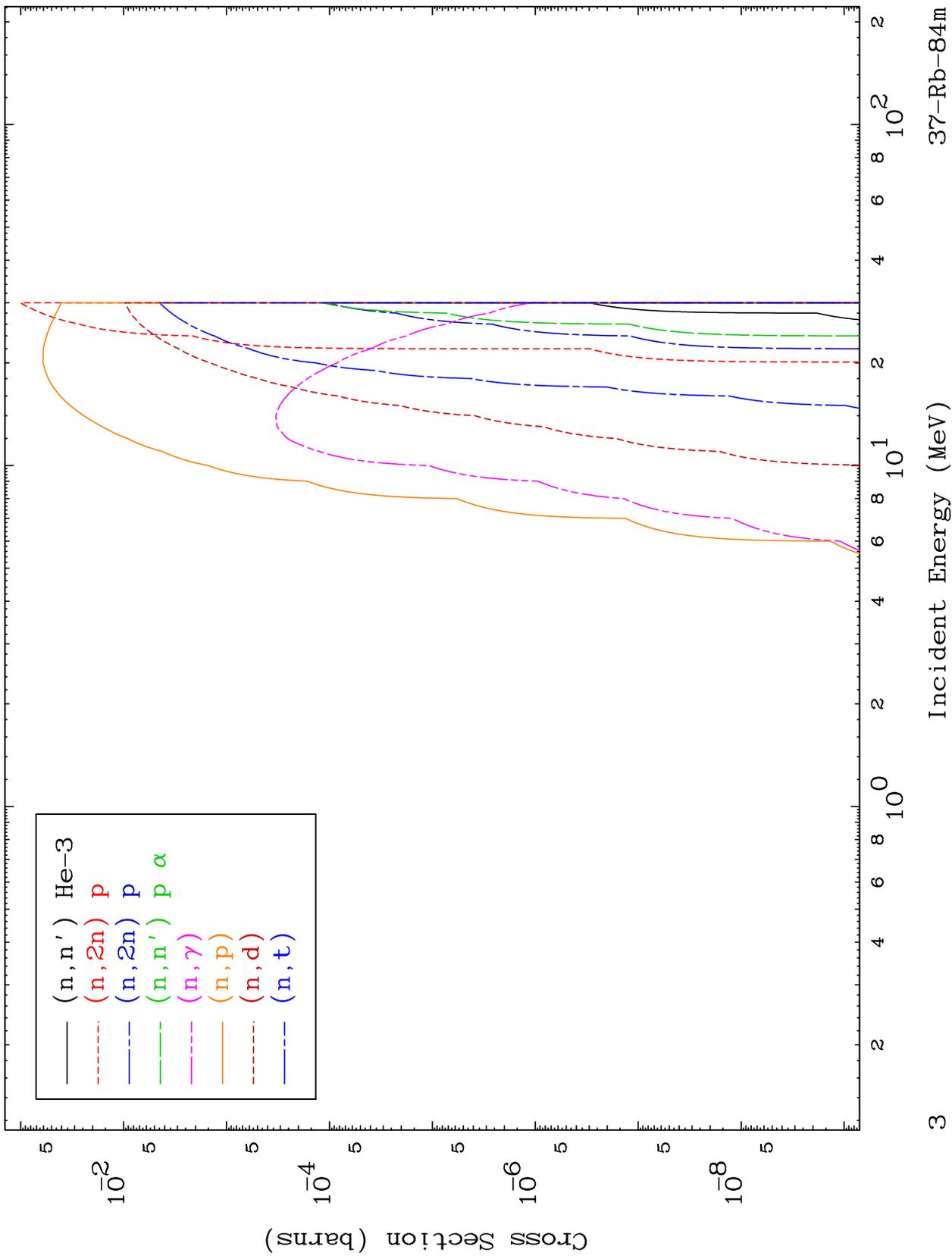
Incident Energy (MeV)

37-Rb-84m

MAT 3723

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-84m



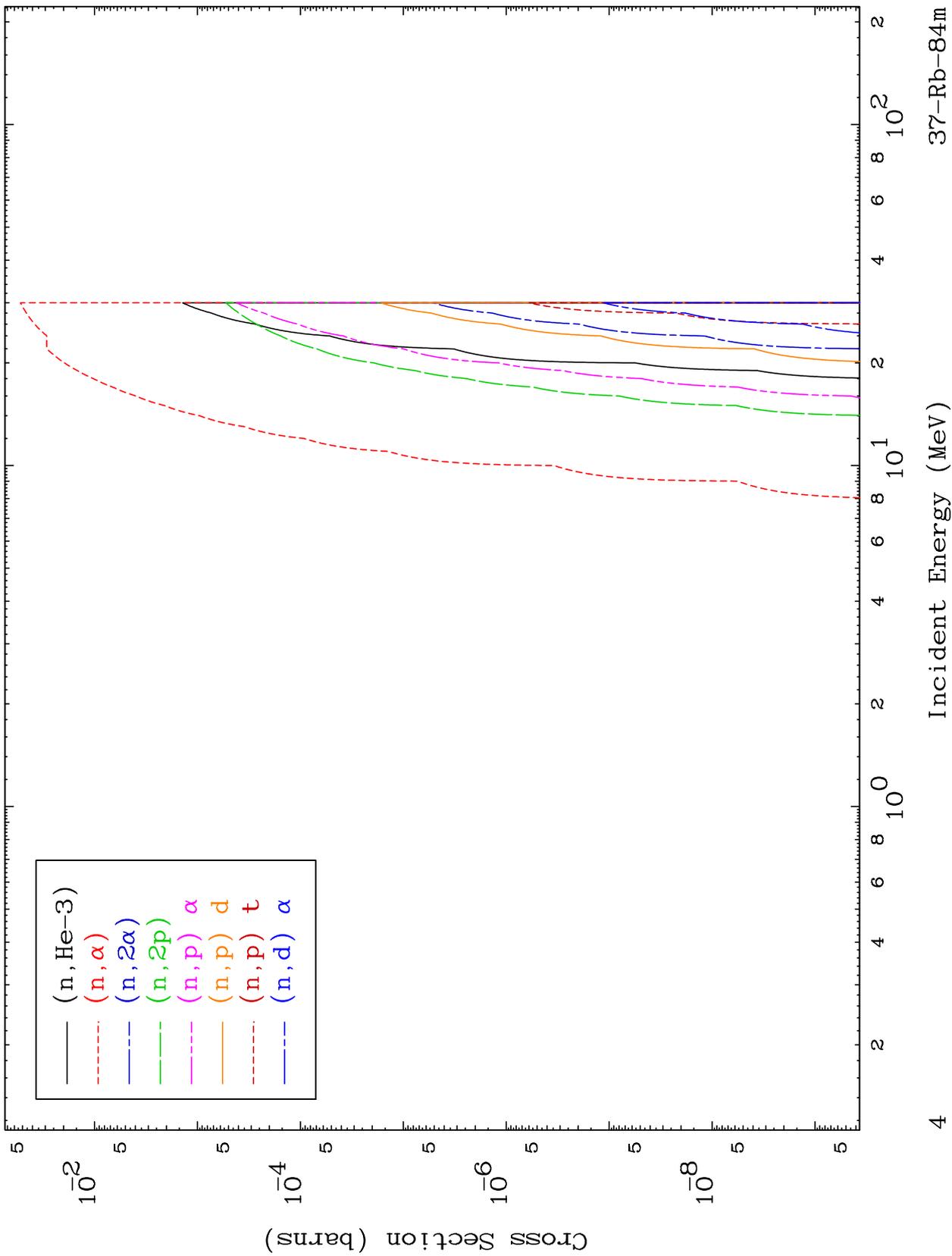
37-Rb-84m

Incident Energy (MeV)

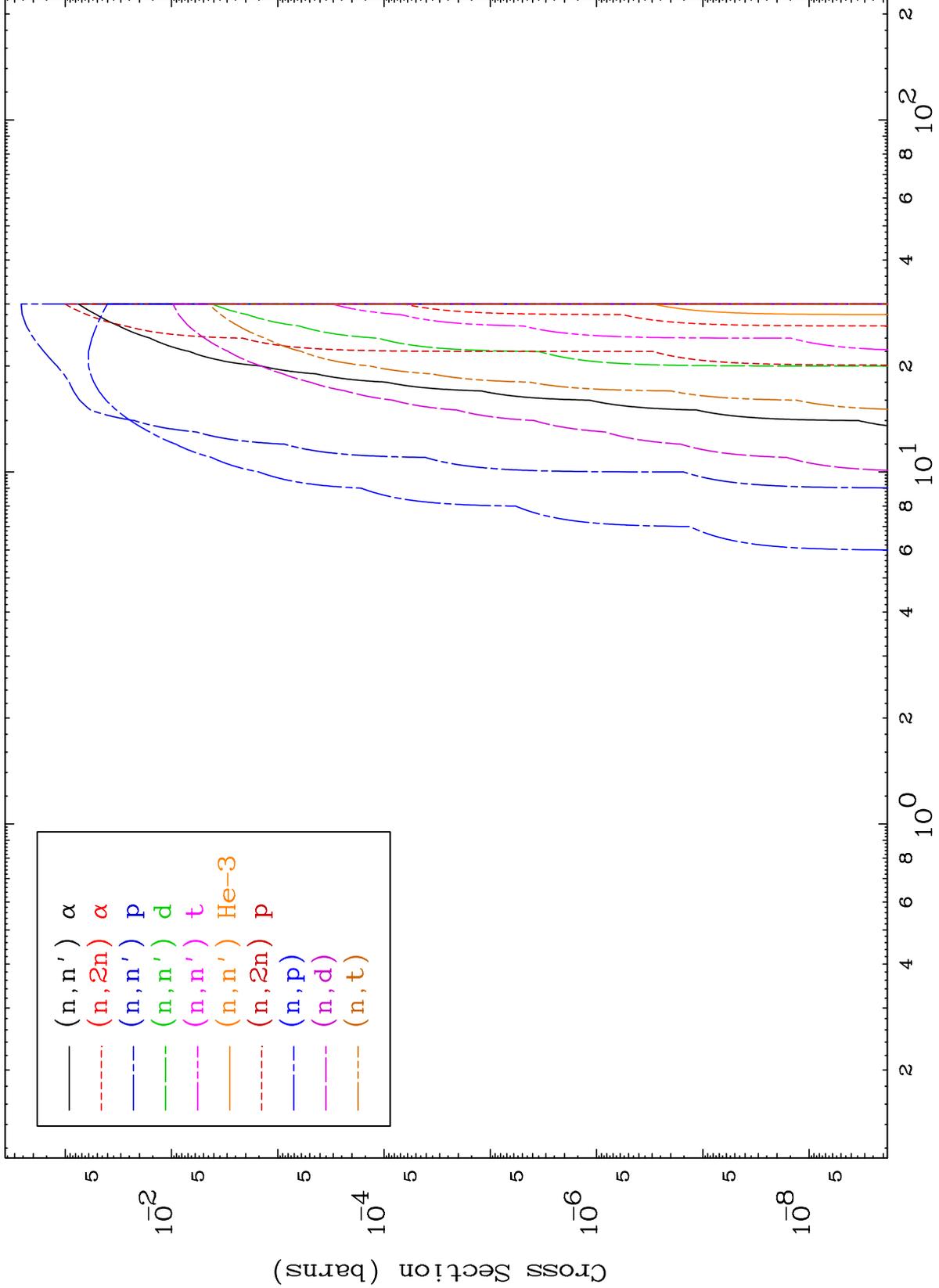
MAT 3723

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-84m



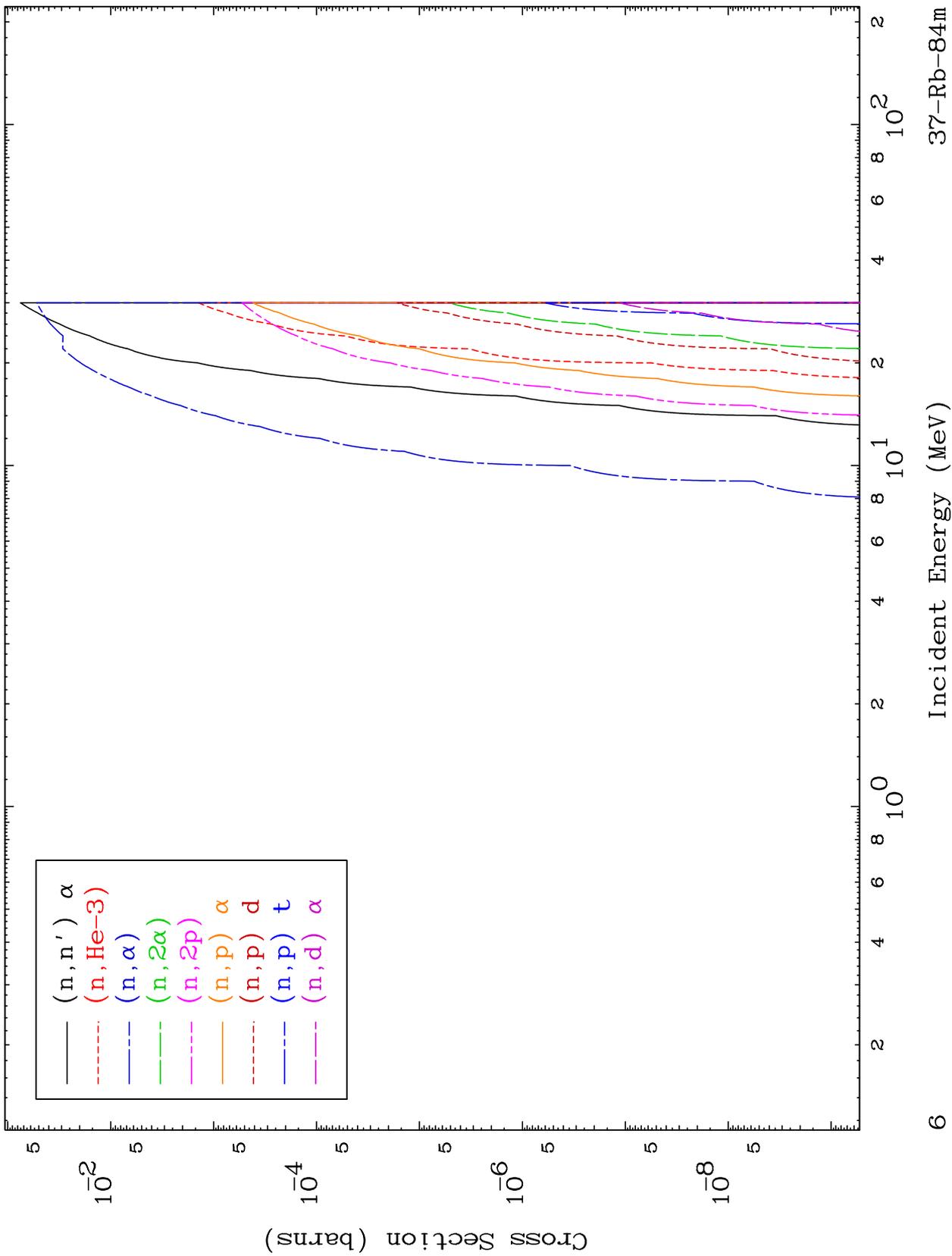
37-Rb-84m



MAT 3723

α Charged Particle
0 Kelvin Cross Sections

37-Rb-84m

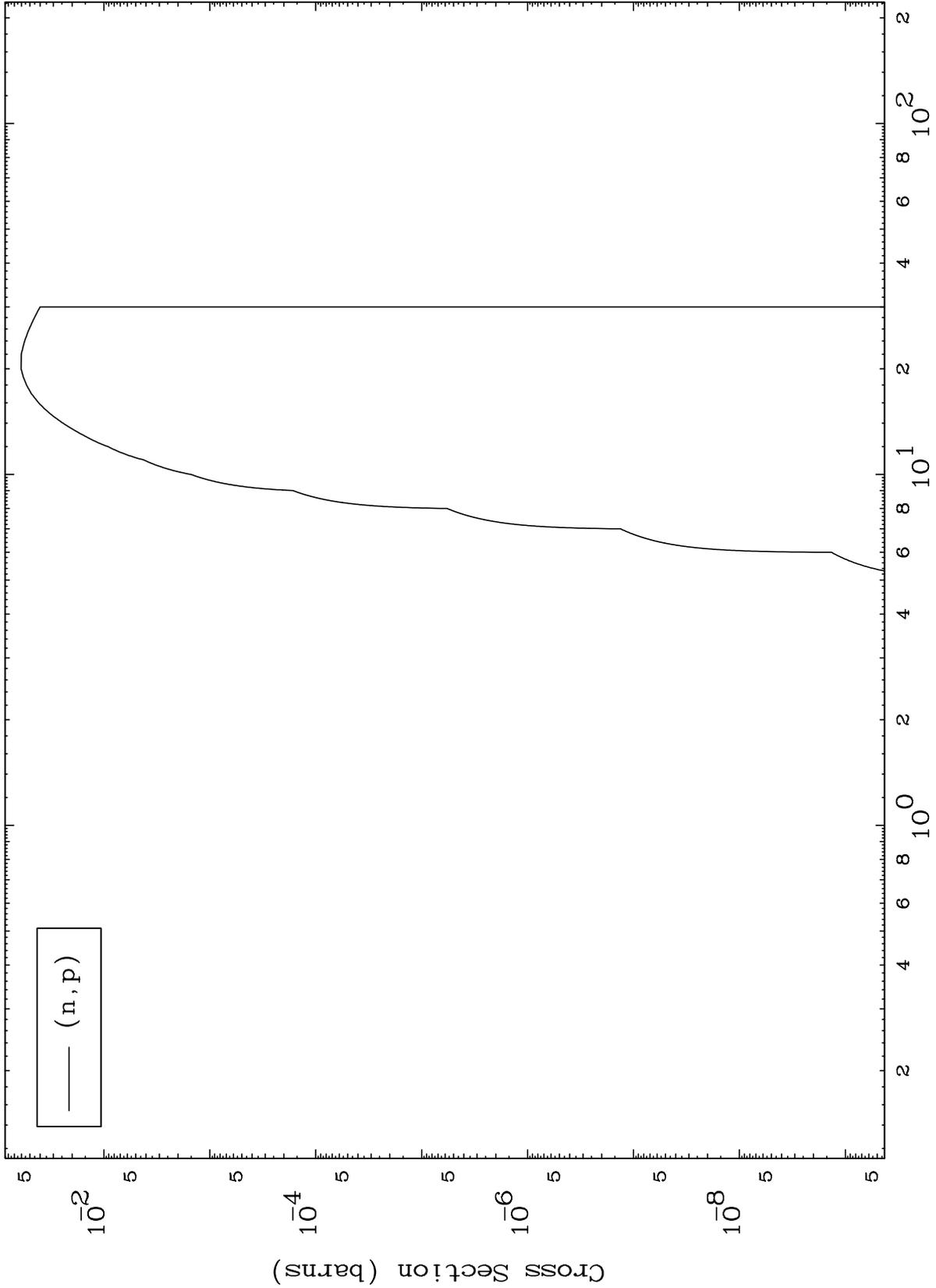


MAT 3723

(α, p) Levels

37-Rb-84m

0 Kelvin Cross Sections



(n, p)

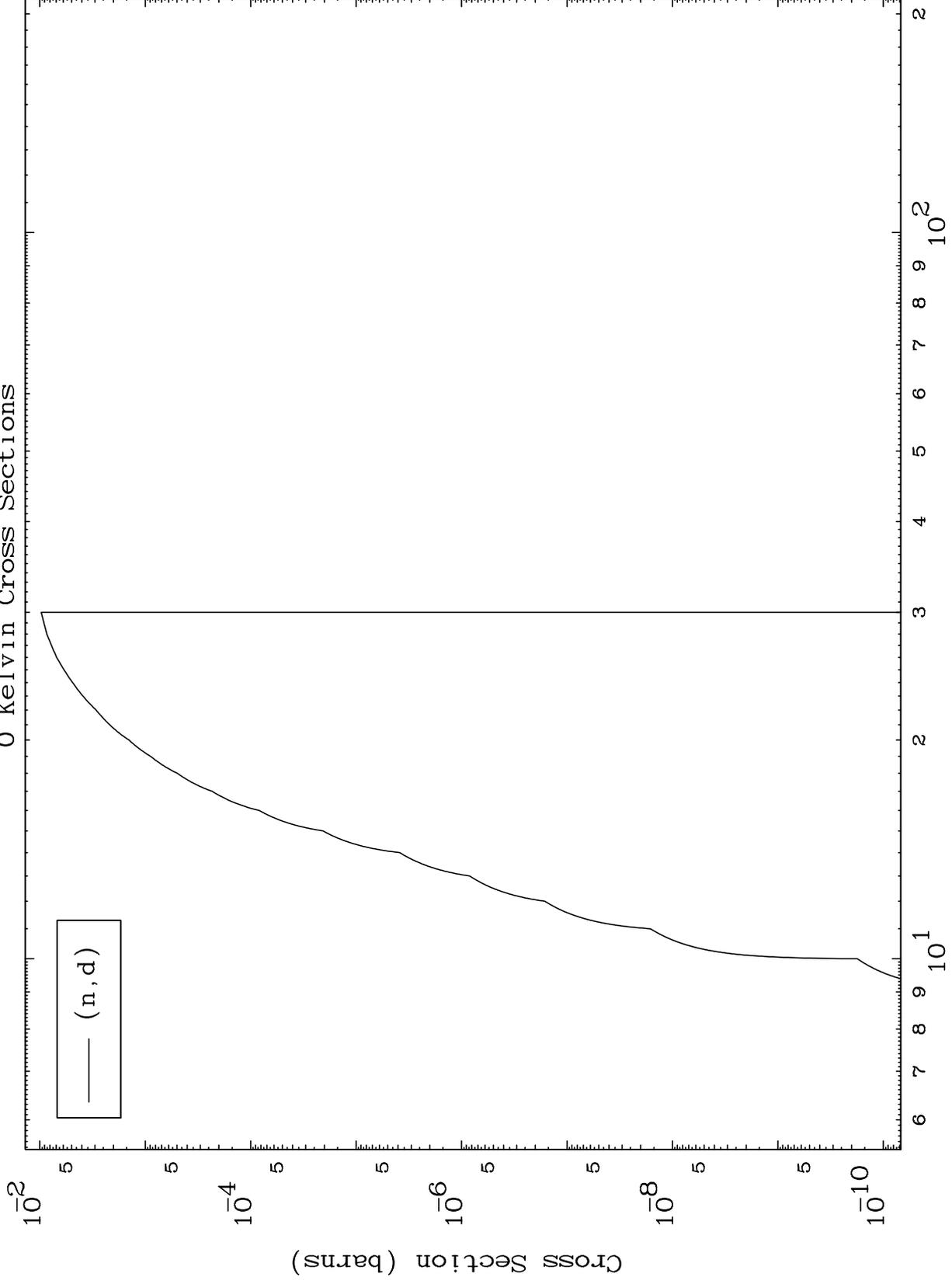
37-Rb-84m

Incident Energy (MeV)

MAT 3723

(α, d) Levels
0 Kelvin Cross Sections

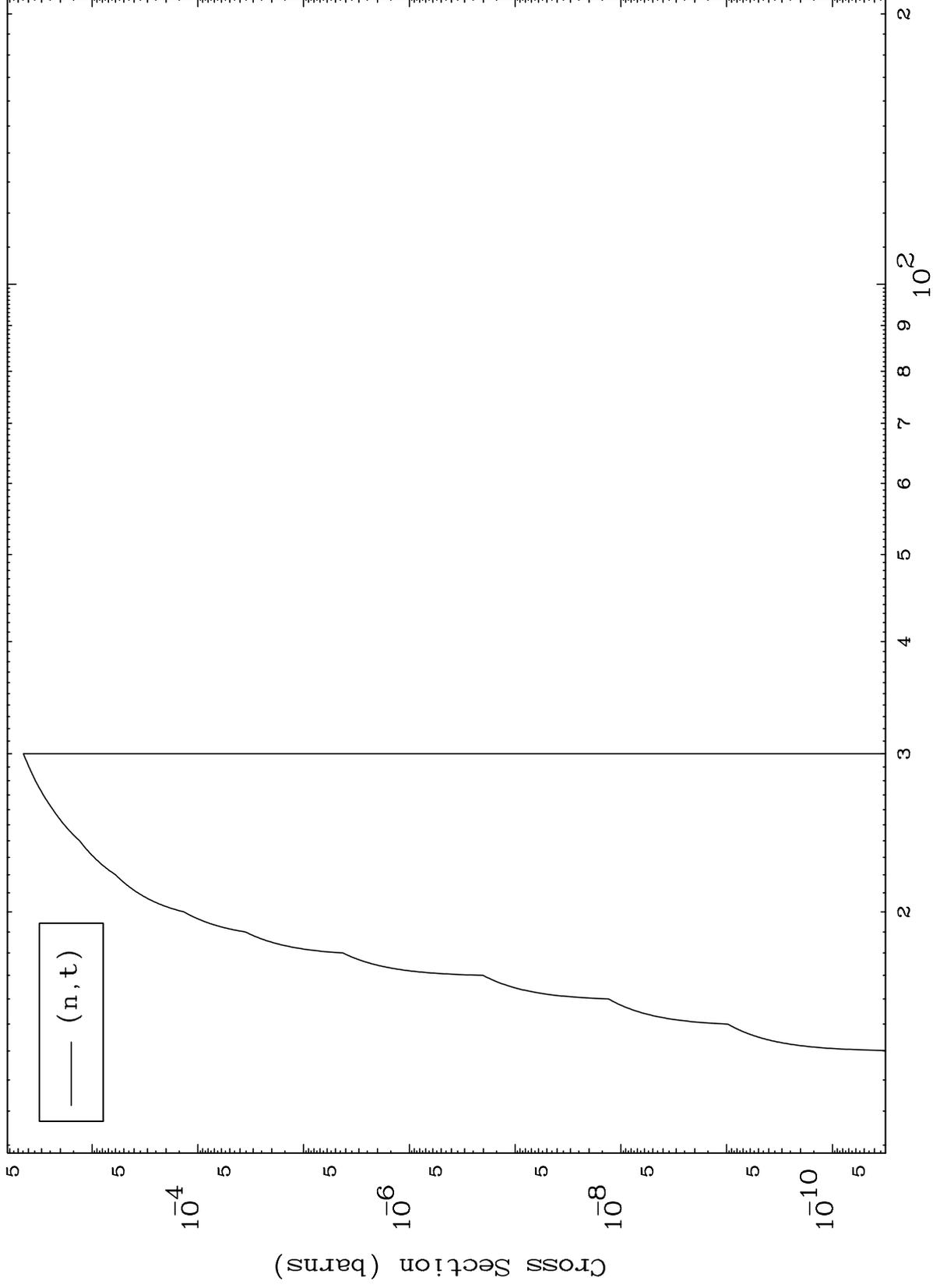
37-Rb-84m



8

Incident Energy (MeV)

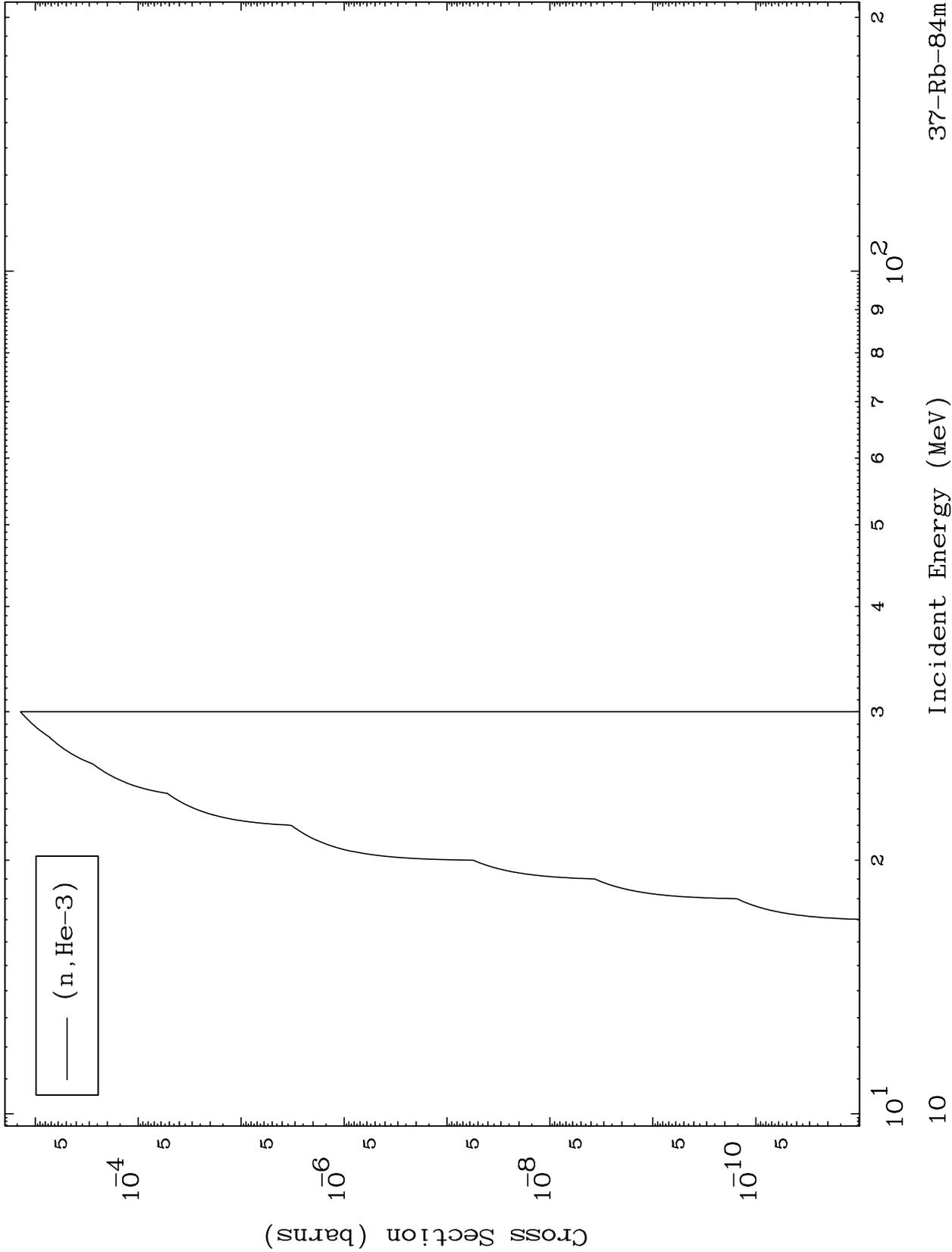
37-Rb-84m



MAT 3723

(α , He3) Levels
0 Kelvin Cross Sections

37-Rb-84m



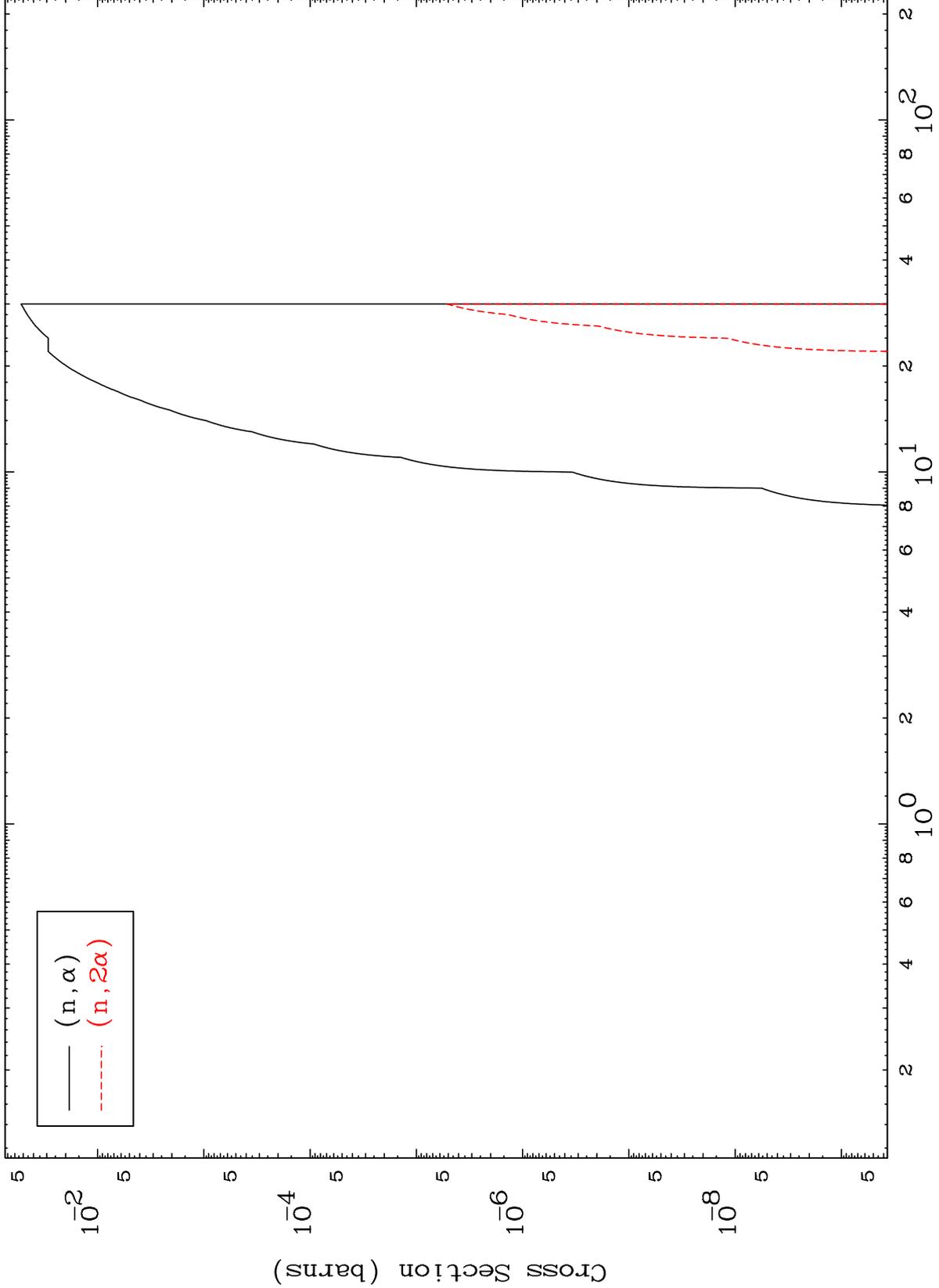
37-Rb-84m

MAT 3723

(α, α) Levels

$^{37}\text{Rb-84m}$

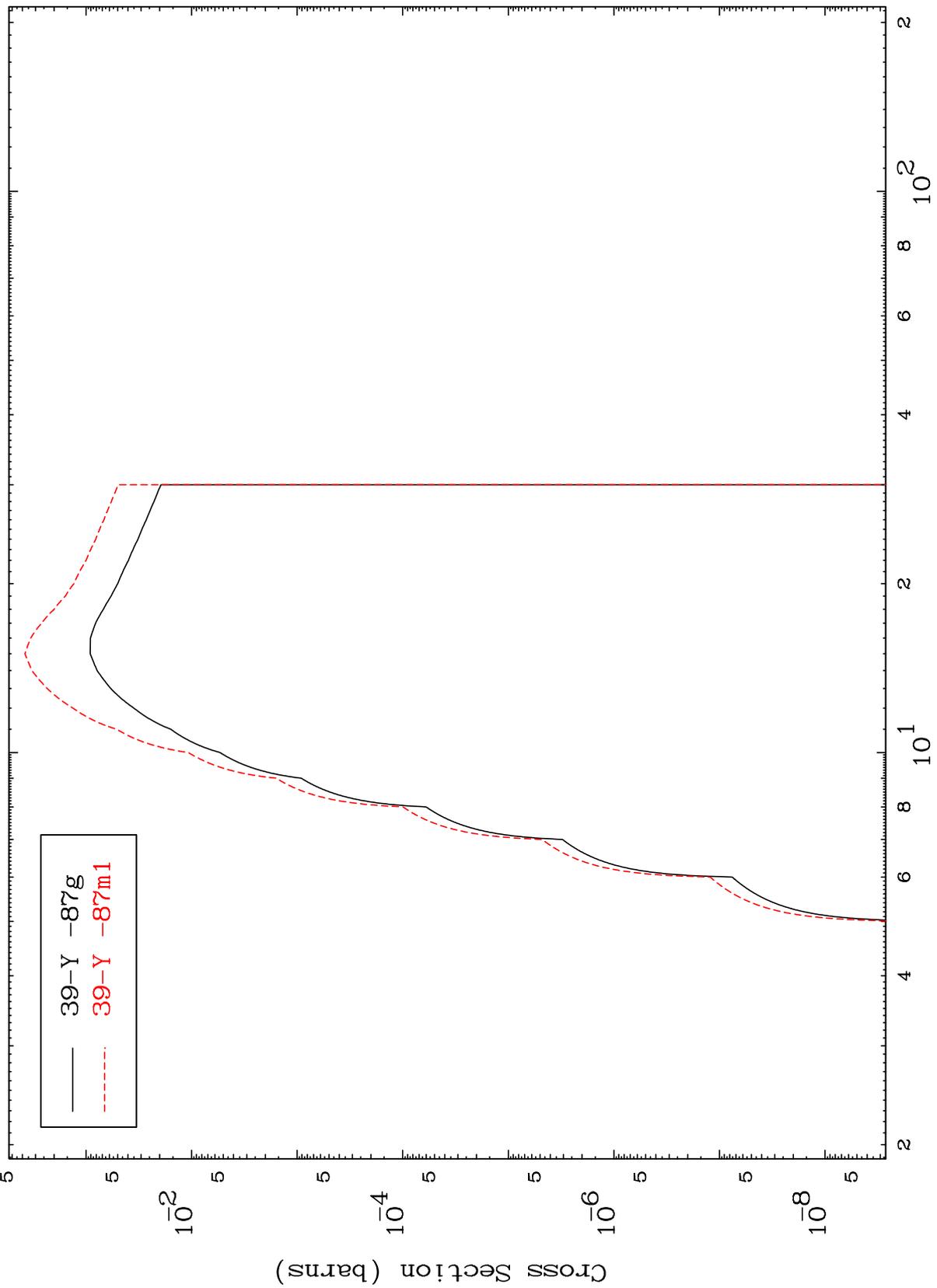
0 Kelvin Cross Sections



MAT 3723

37-Rb-84m

Radionuclide Production Cross Section



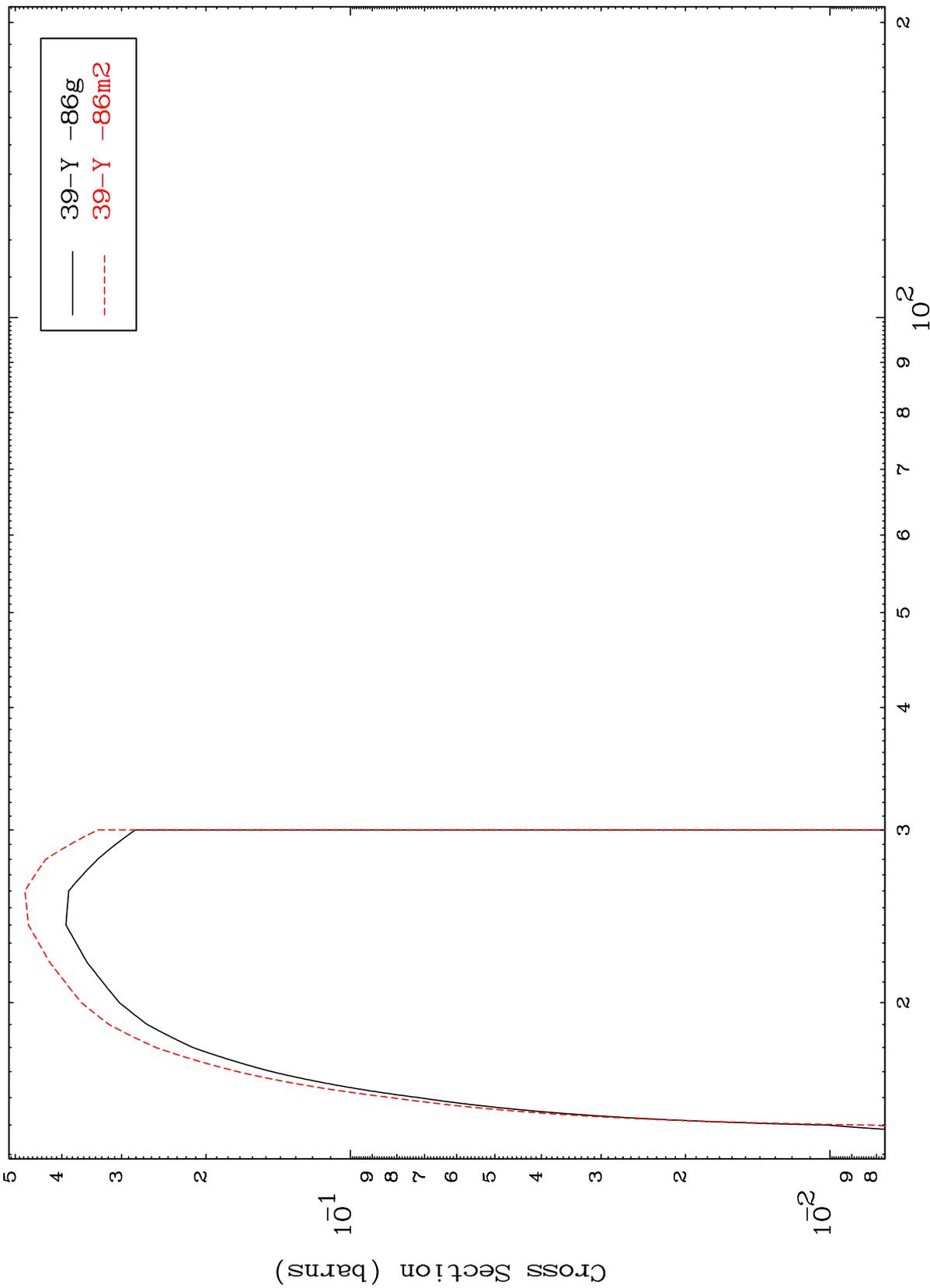
12

37-Rb-84m

MAT 3723

37-Rb-84m

(n,2n)
Radionuclide Production Cross Section



13

37-Rb-84m

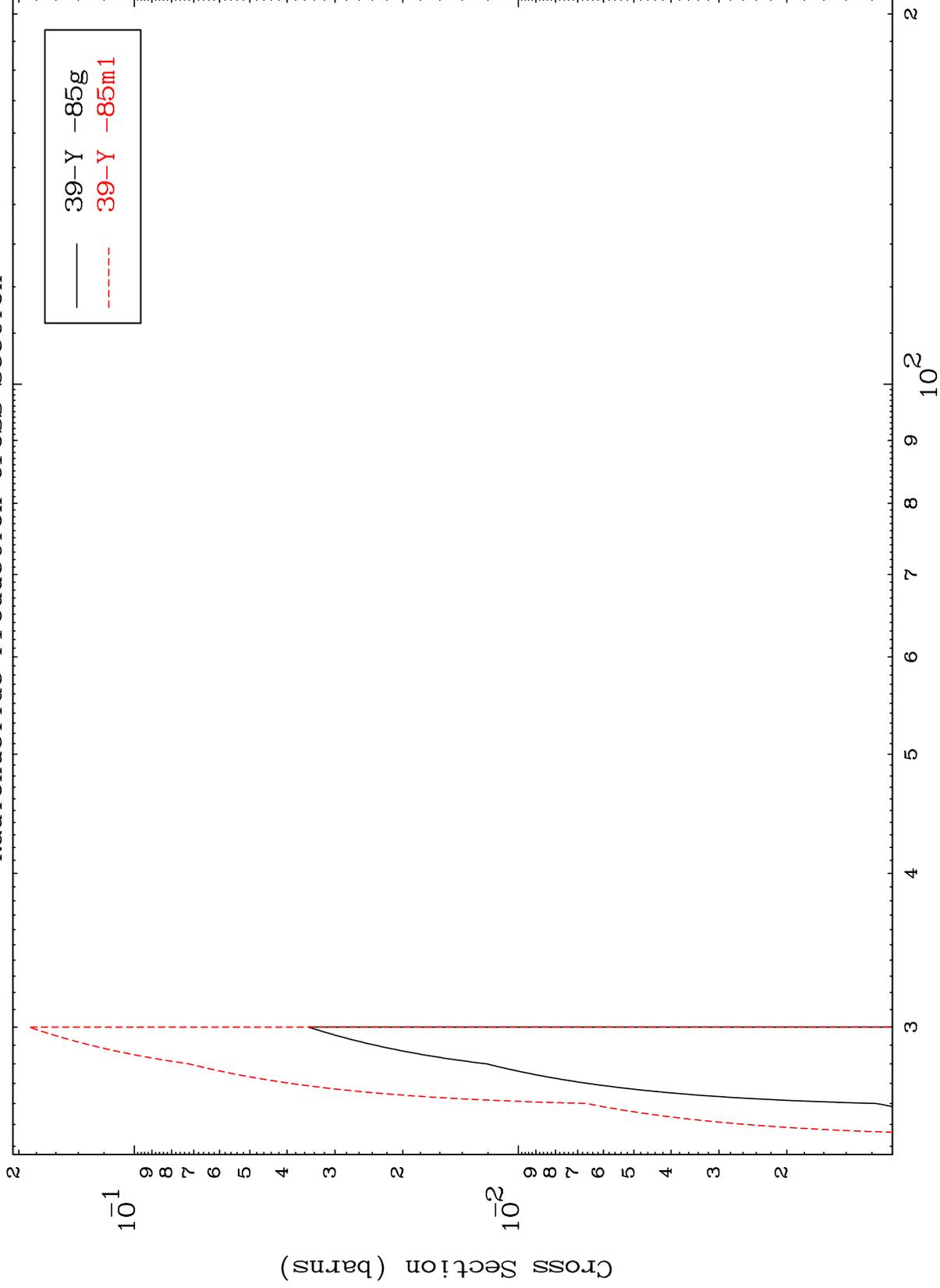
Incident Energy (MeV)

MAT 3723

(n,3n)

37-Rb-84m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

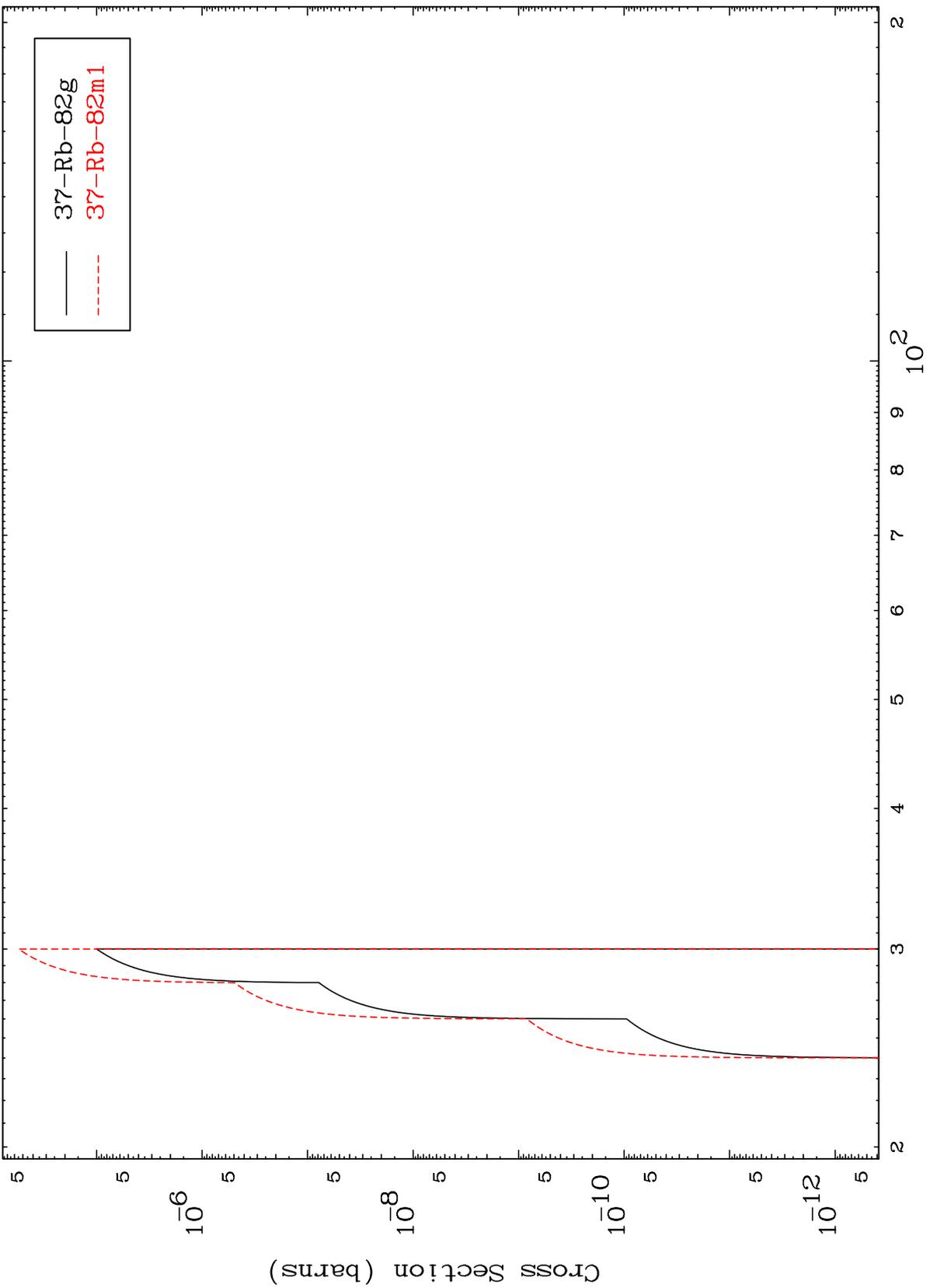
37-Rb-84m

MAT 3723

37-Rb-84m

(n,2n) α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

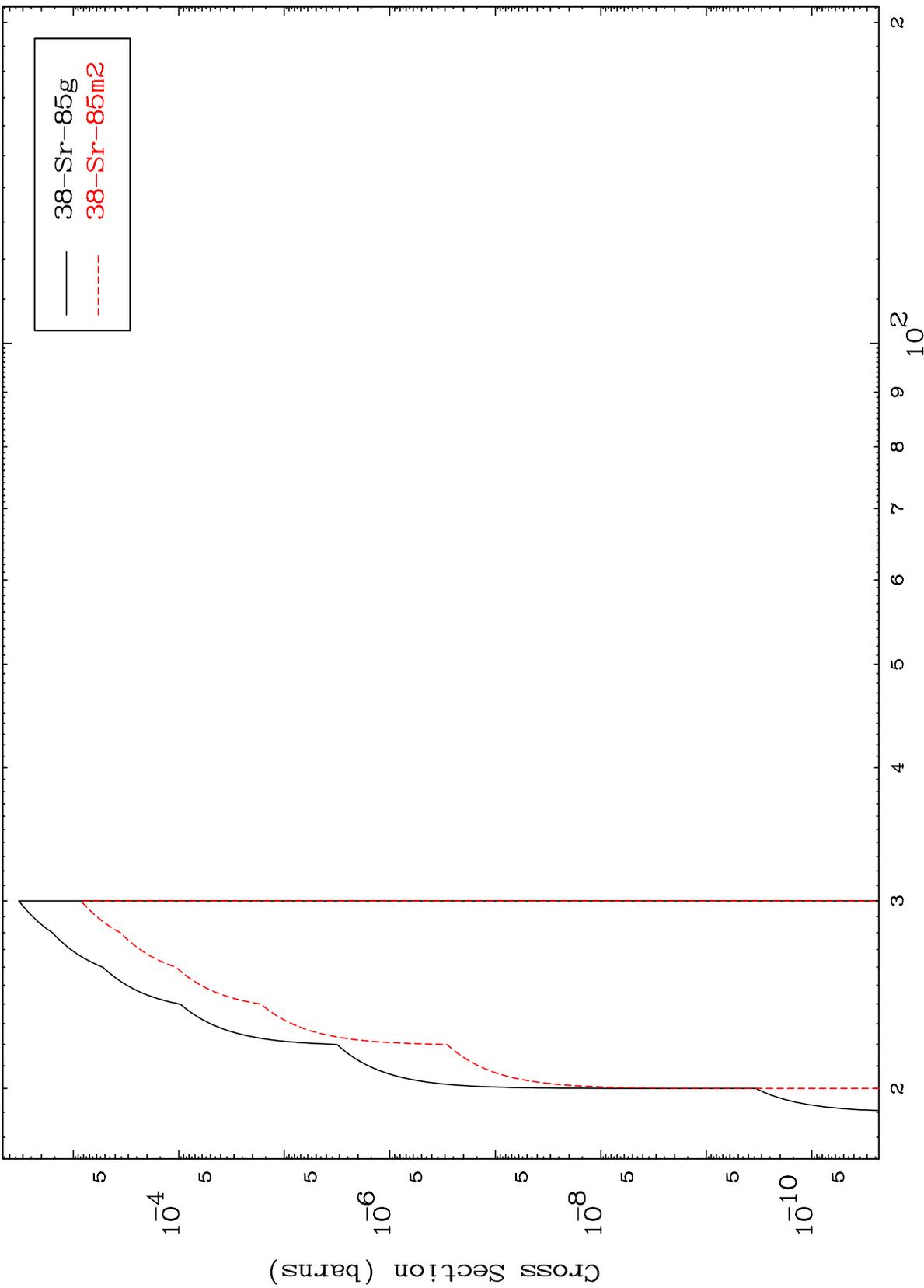
37-Rb-84m

MAT 3723

(n,n') d

37-Rb-84m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

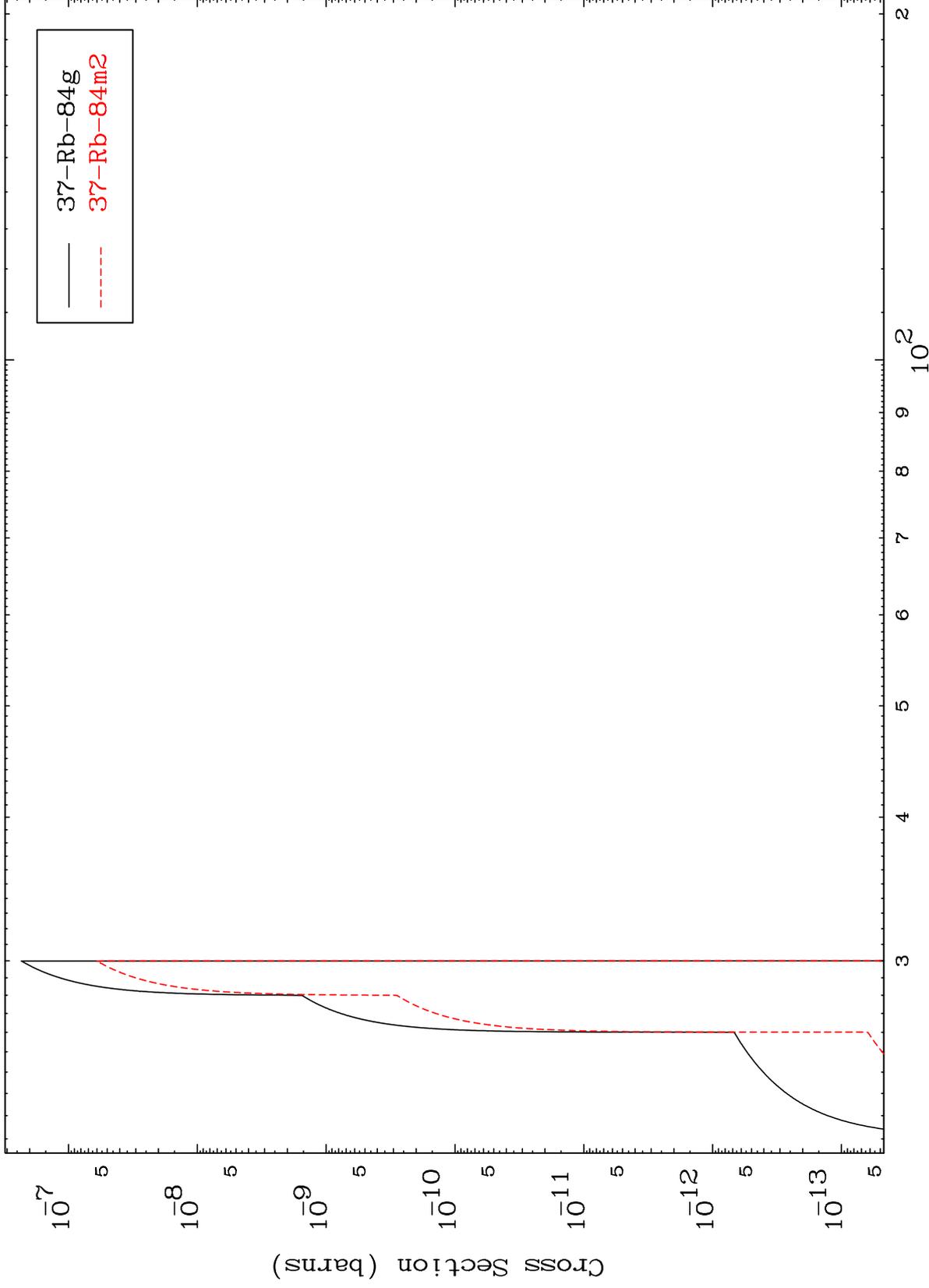
37-Rb-84m

MAT 3723

(n,n') He-3

37-Rb-84m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

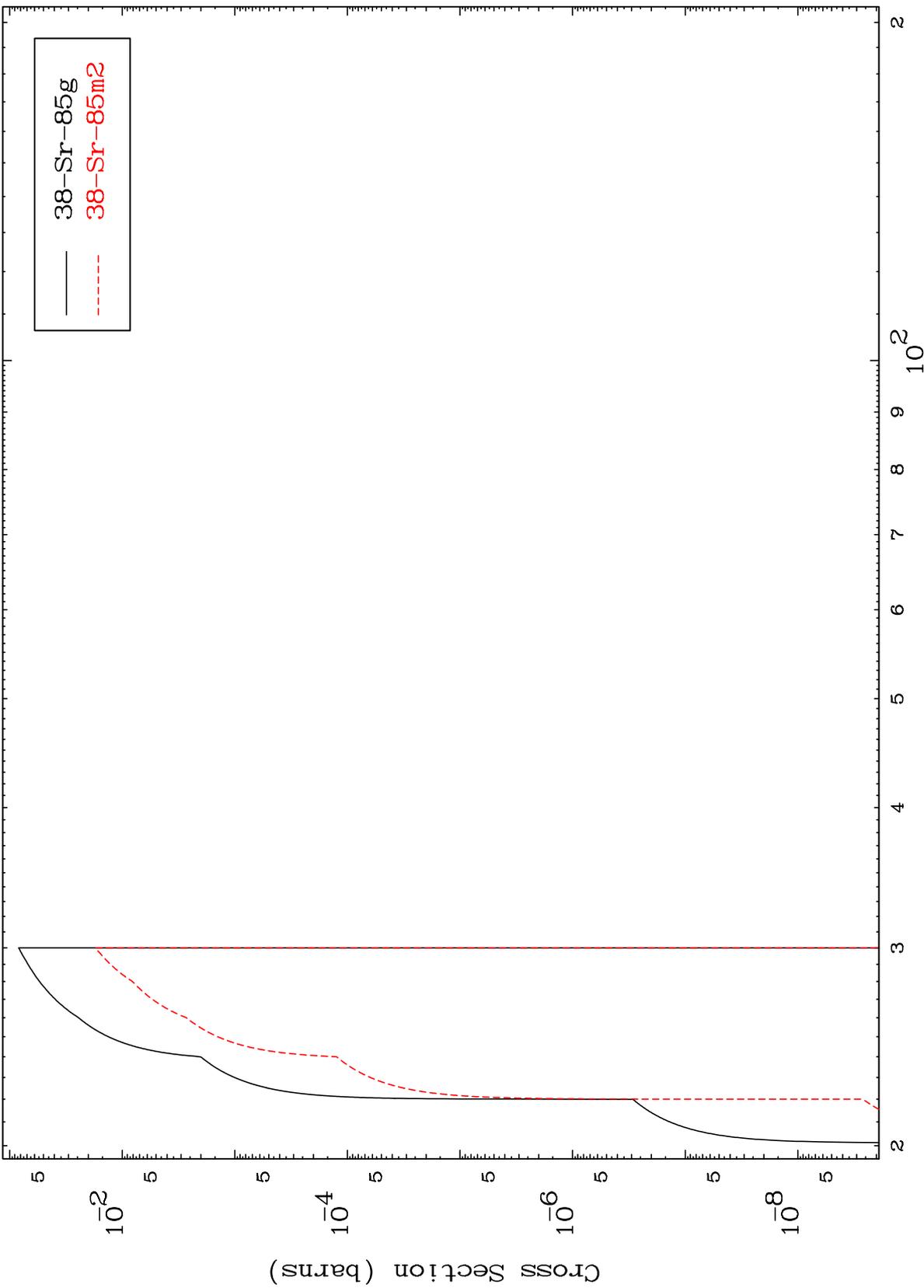
37-Rb-84m

MAT 3723

(n,2n) p

37-Rb-84m

Radionuclide Production Cross Section



18

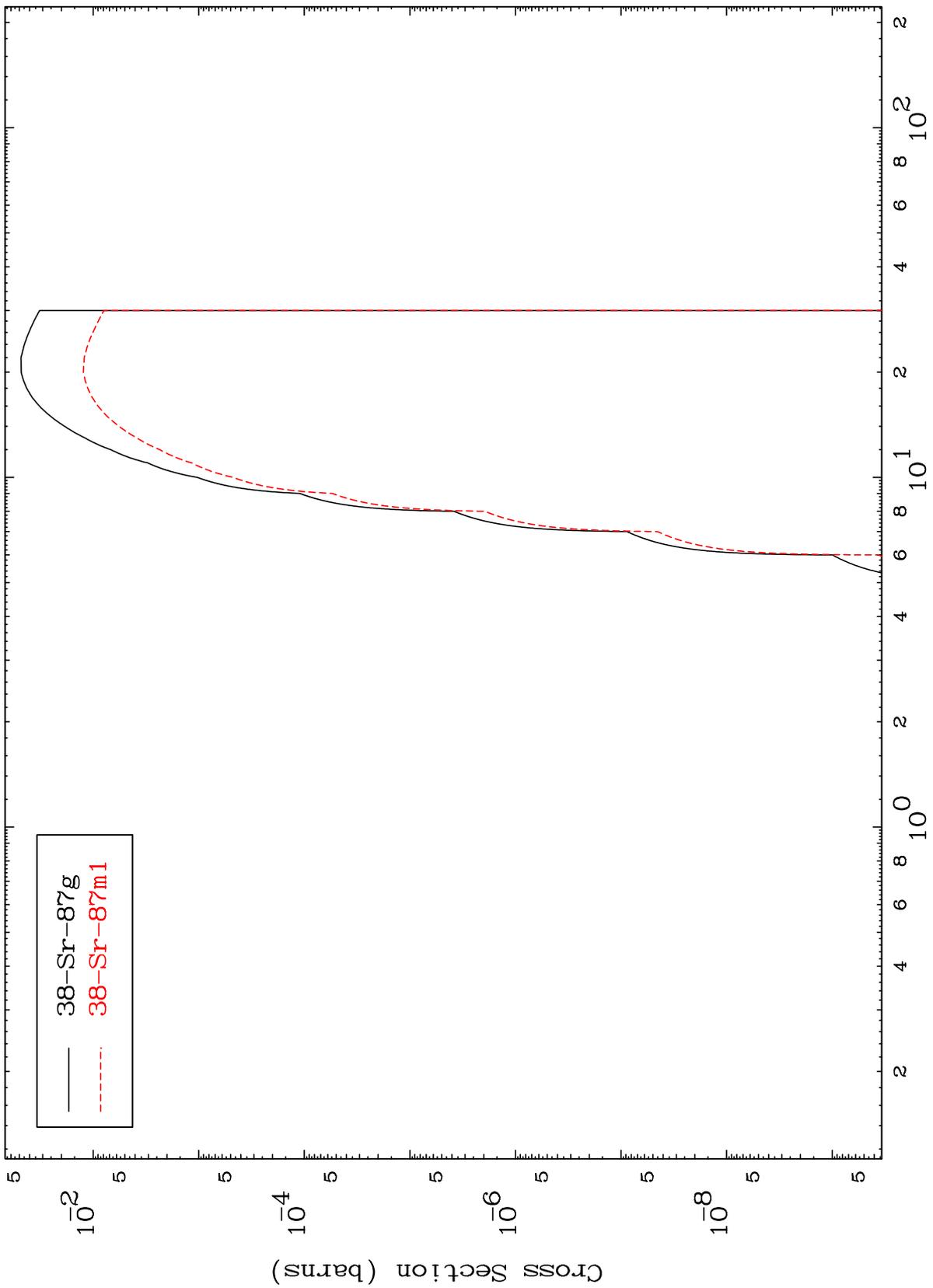
Incident Energy (MeV)

37-Rb-84m

MAT 3723

37-Rb-84m

Radionuclide Production Cross Section (n,p)



38-Sr-87g
38-Sr-87m1

19

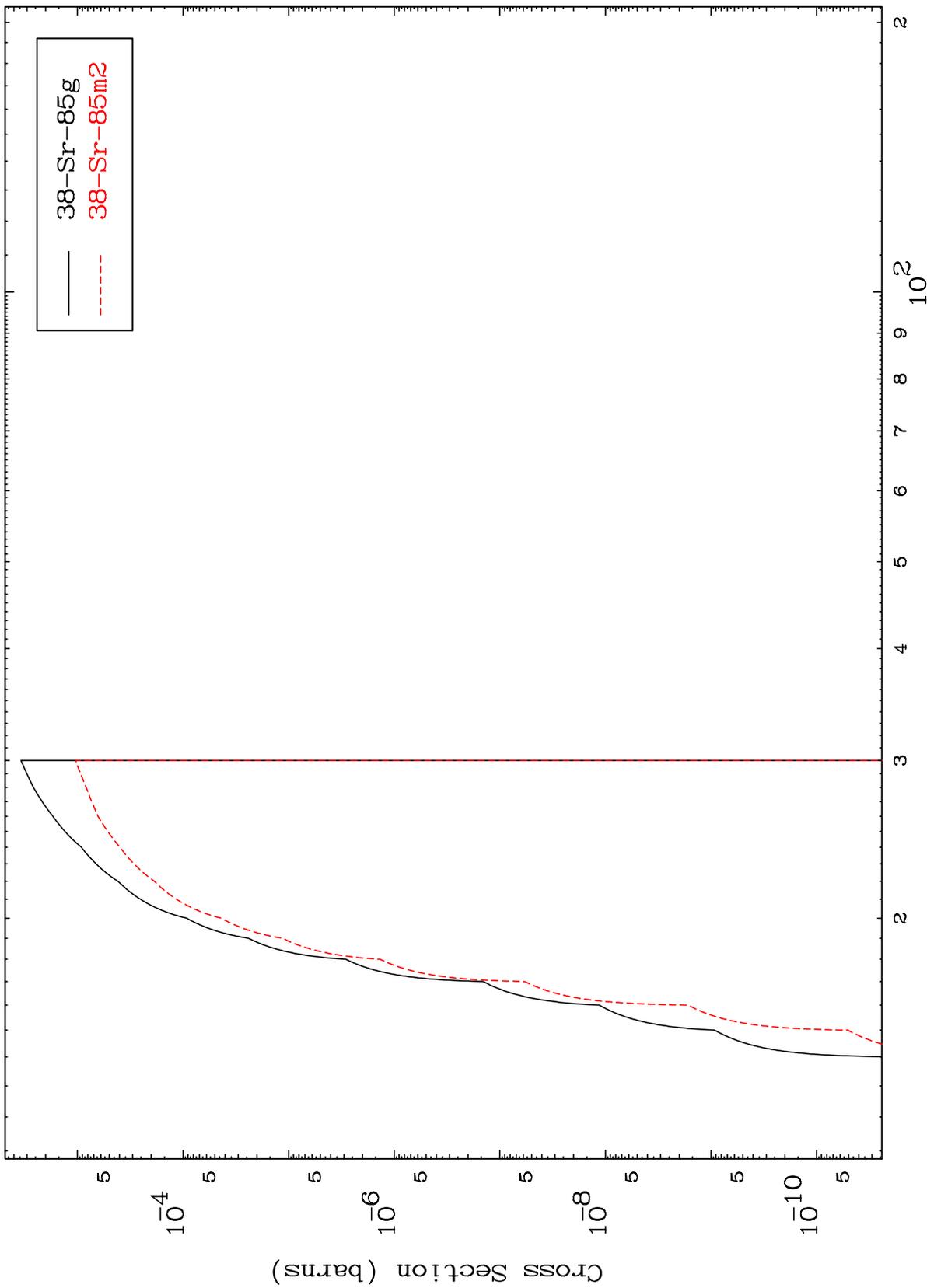
37-Rb-84m

Incident Energy (MeV)

MAT 3723

37-Rb-84m

(n, t)
Radionuclide Production Cross Section



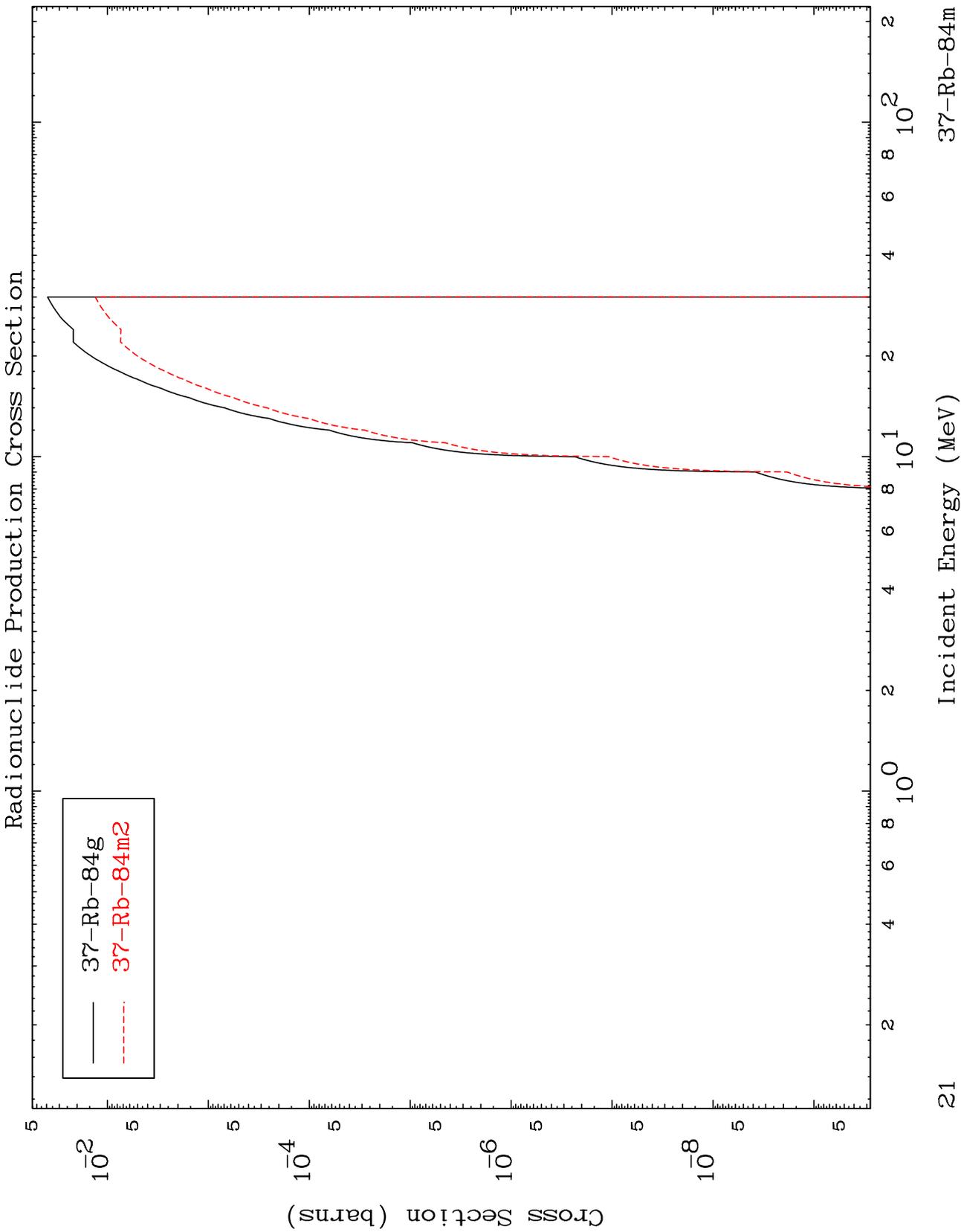
20

Incident Energy (MeV)

37-Rb-84m

MAT 3723

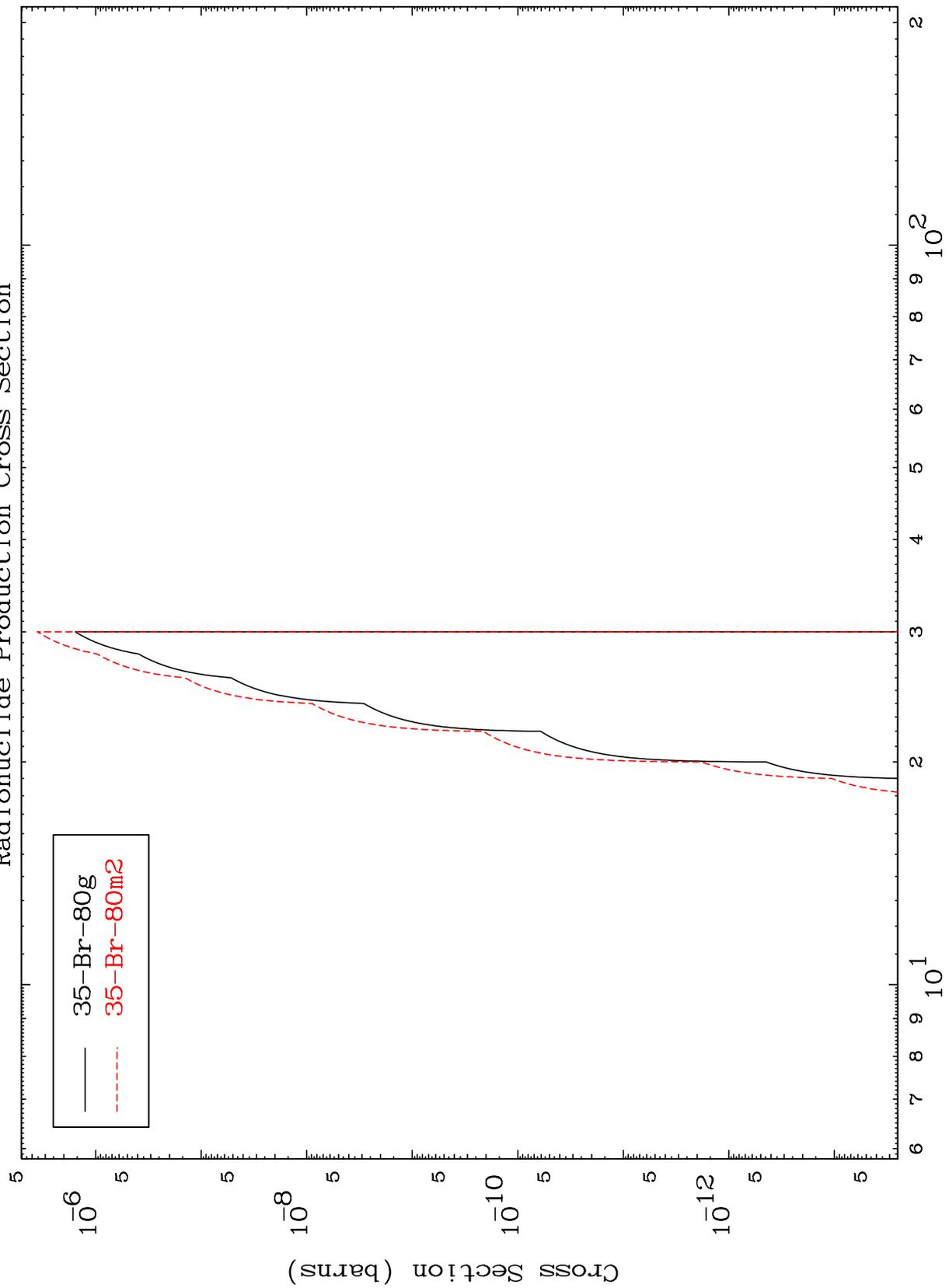
³⁷Rb-84m



MAT 3723

37-Rb-84m

Radionuclide Production Cross Section
(n,2α)



22

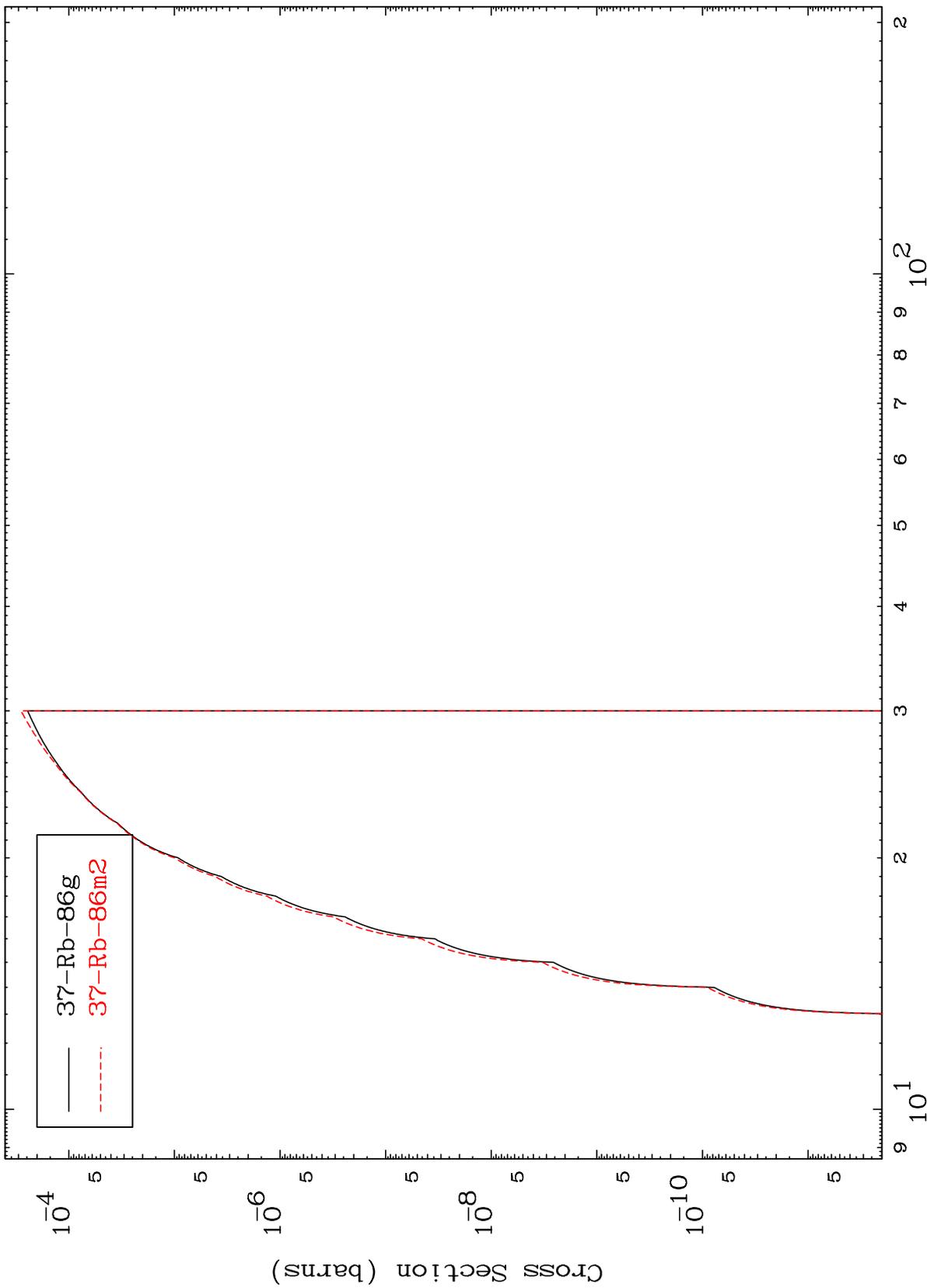
37-Rb-84m

Incident Energy (MeV)

MAT 3723

37-Rb-84m

Radionuclide Production Cross Section
(n,2p)



23

Incident Energy (MeV)

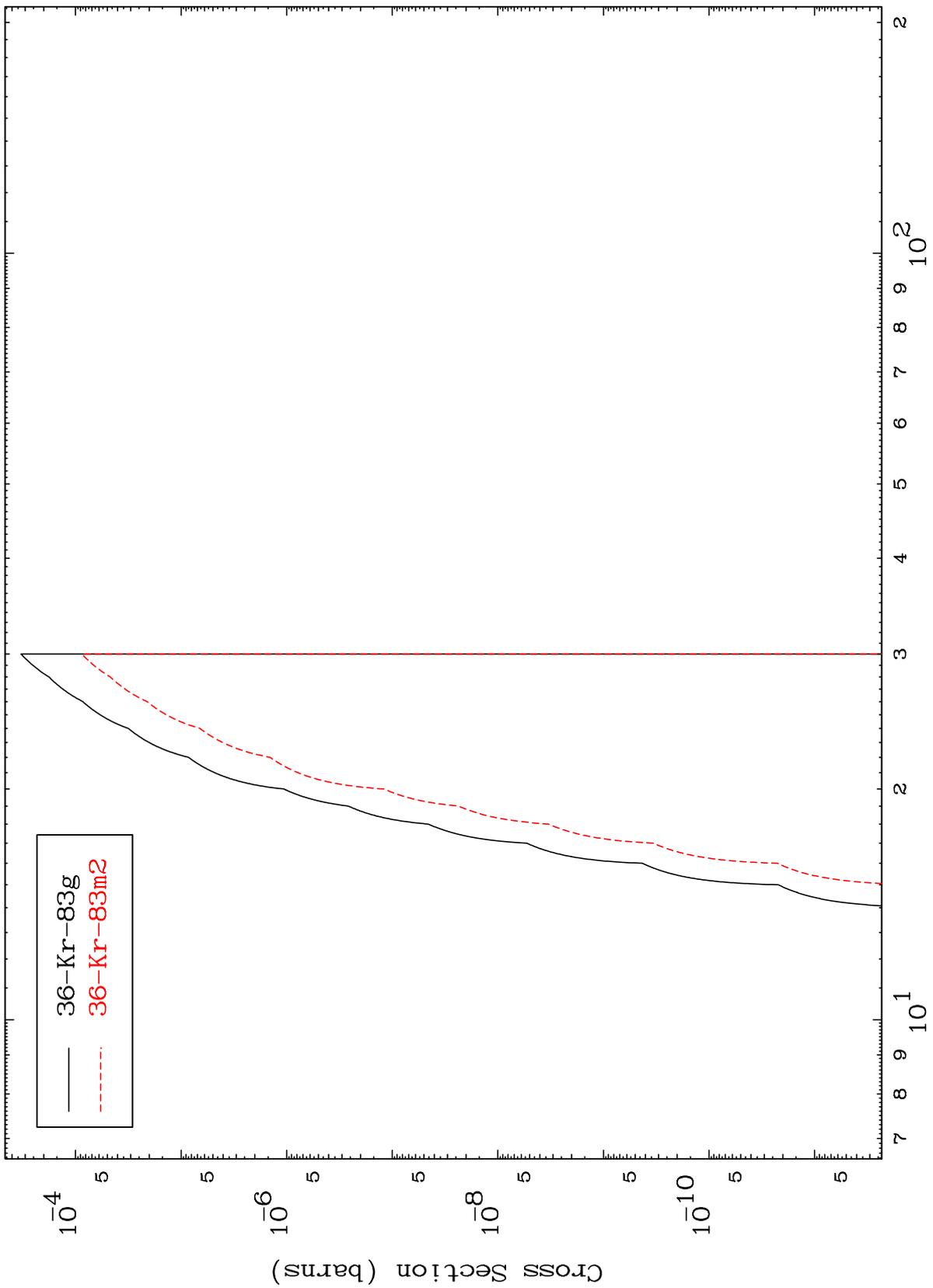
37-Rb-84m

MAT 3723

(n,p) α

37-Rb-84m

Radionuclide Production Cross Section



— 36-Kr-83g
- - - 36-Kr-83m2

24

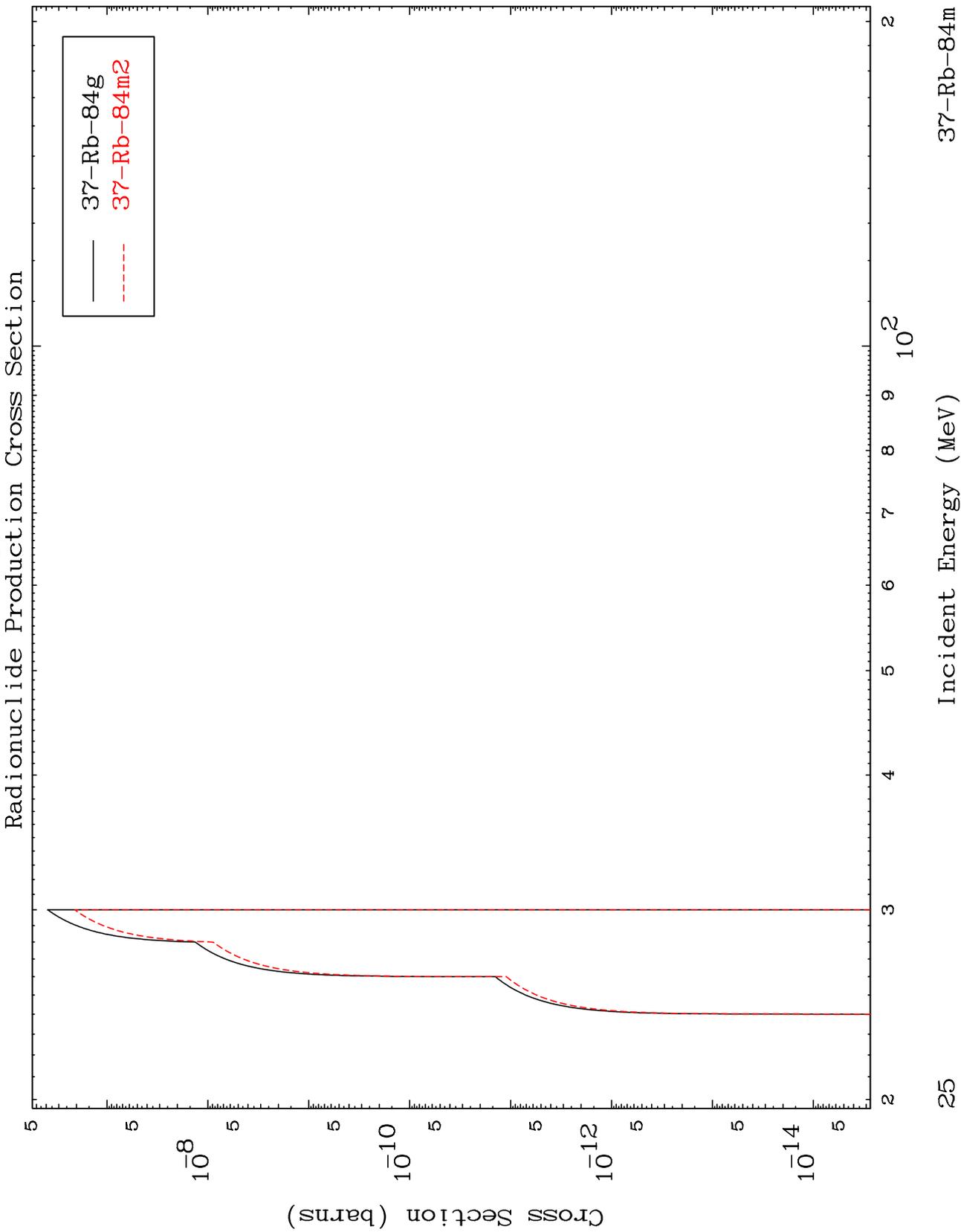
Incident Energy (MeV)

37-Rb-84m

MAT 3723

(n,p) t

³⁷Rb-⁸⁴m



25

³⁷Rb-⁸⁴m