

Program EVALPLOT
(Version 2021-1)

by

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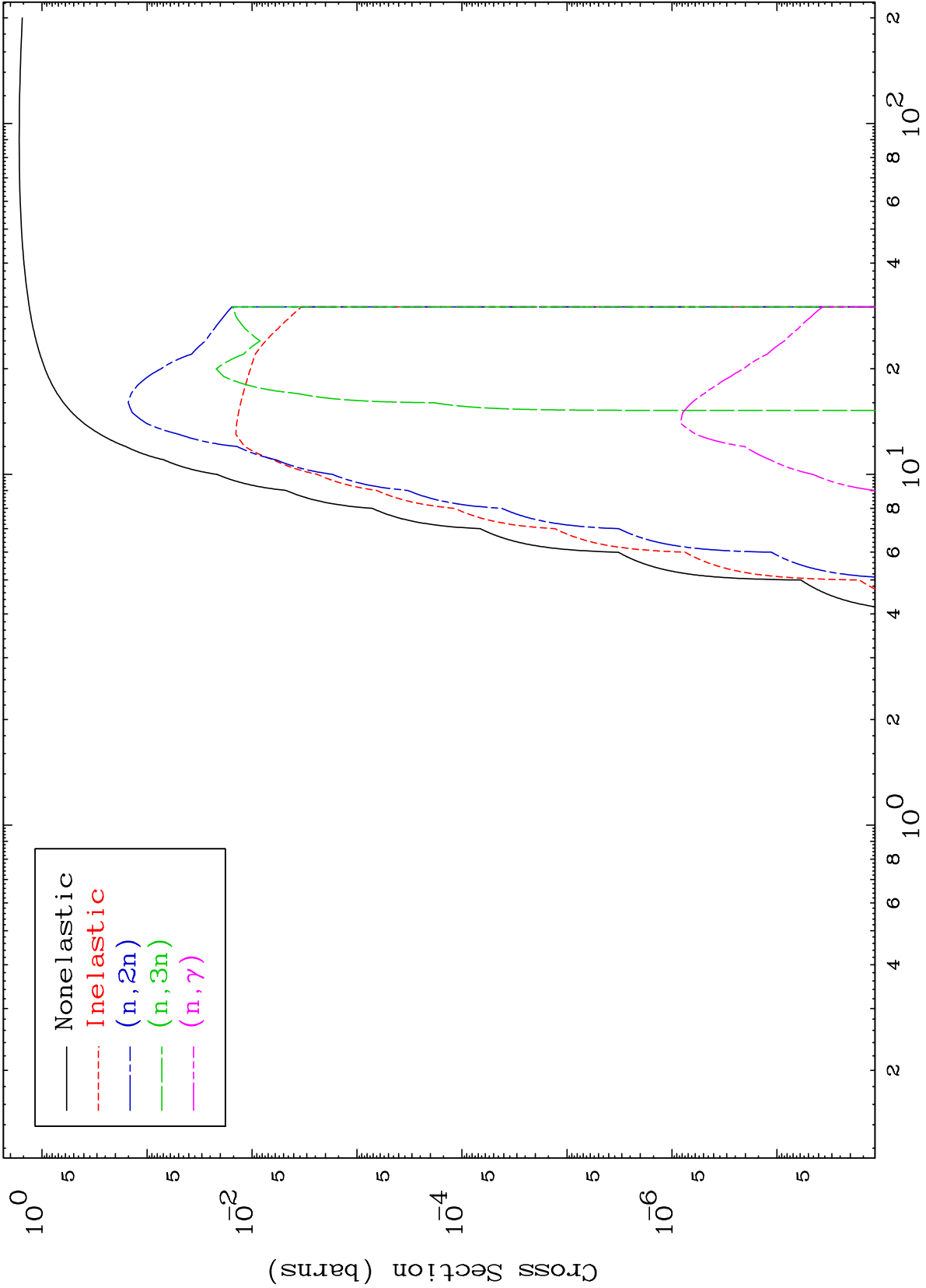
Press Mouse Button to Start

MAT 3723

He-3 Major

37-Rb-84m

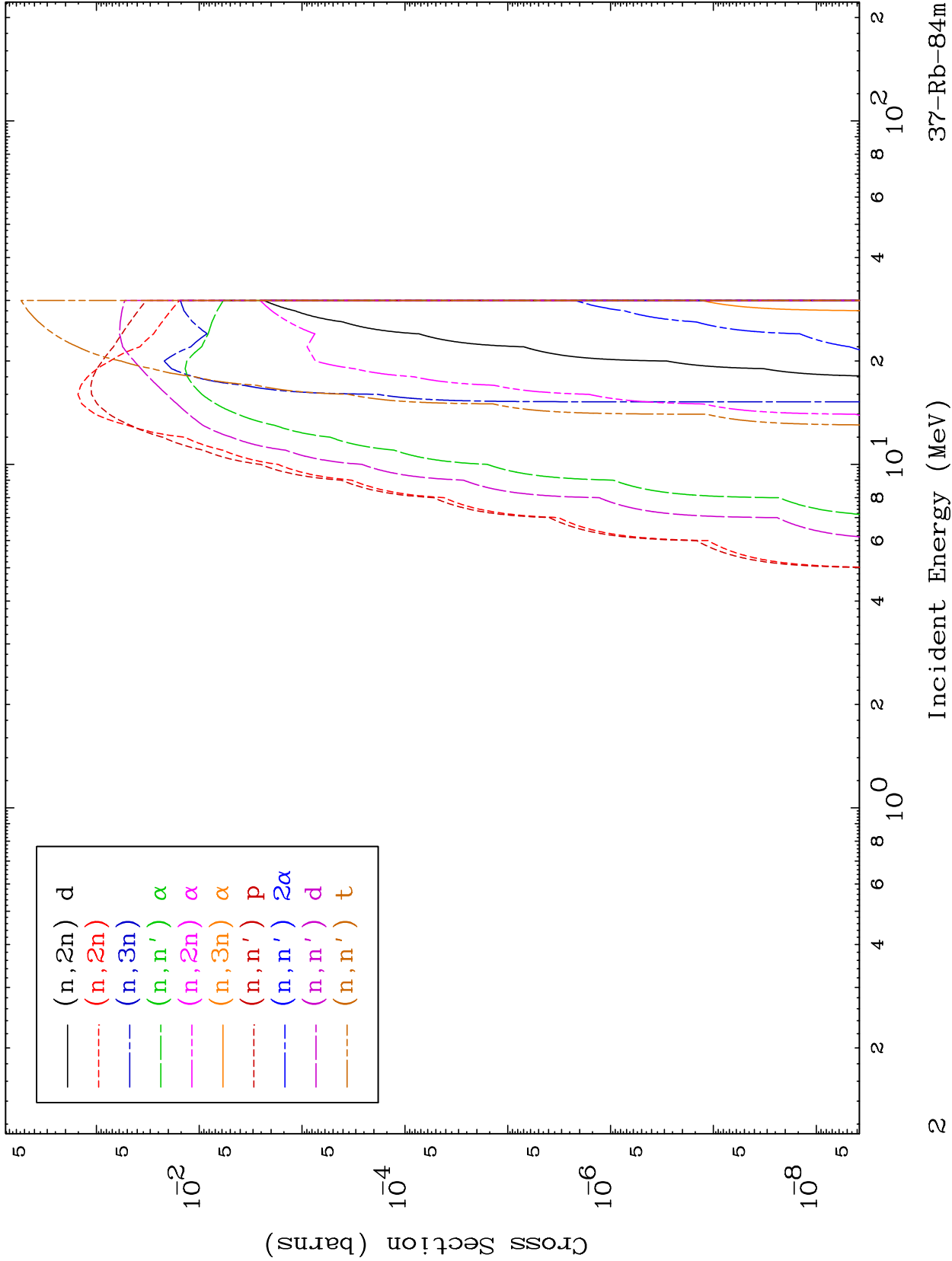
0 Kelvin Cross Sections



MAT 3723

He-3 Neutron Absorption
0 Kelvin Cross Sections

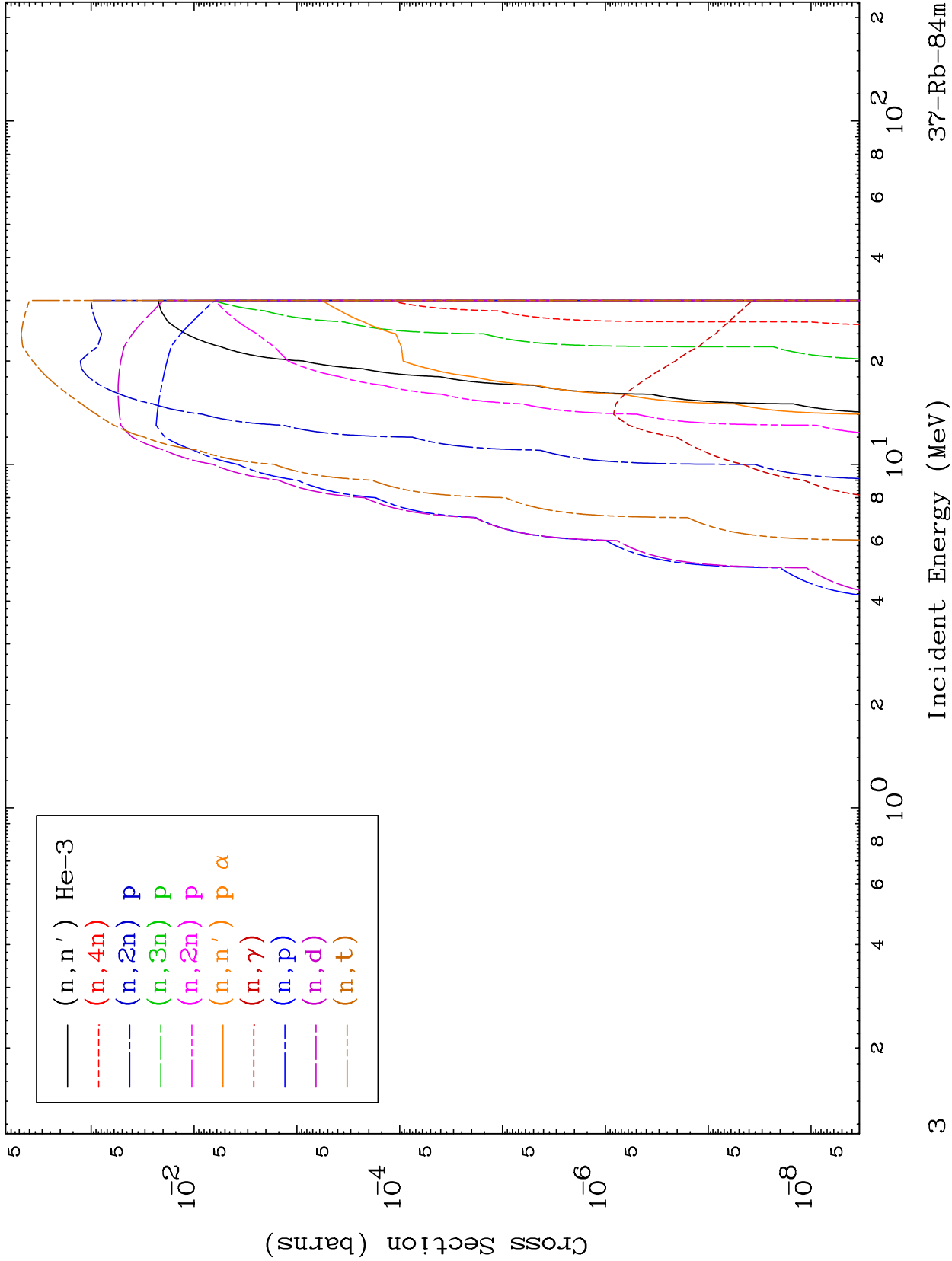
37-Rb-84m



MAT 3723

He-3 Neutron Absorption
0 Kelvin Cross Sections

37-Rb-84m



37-Rb-84m

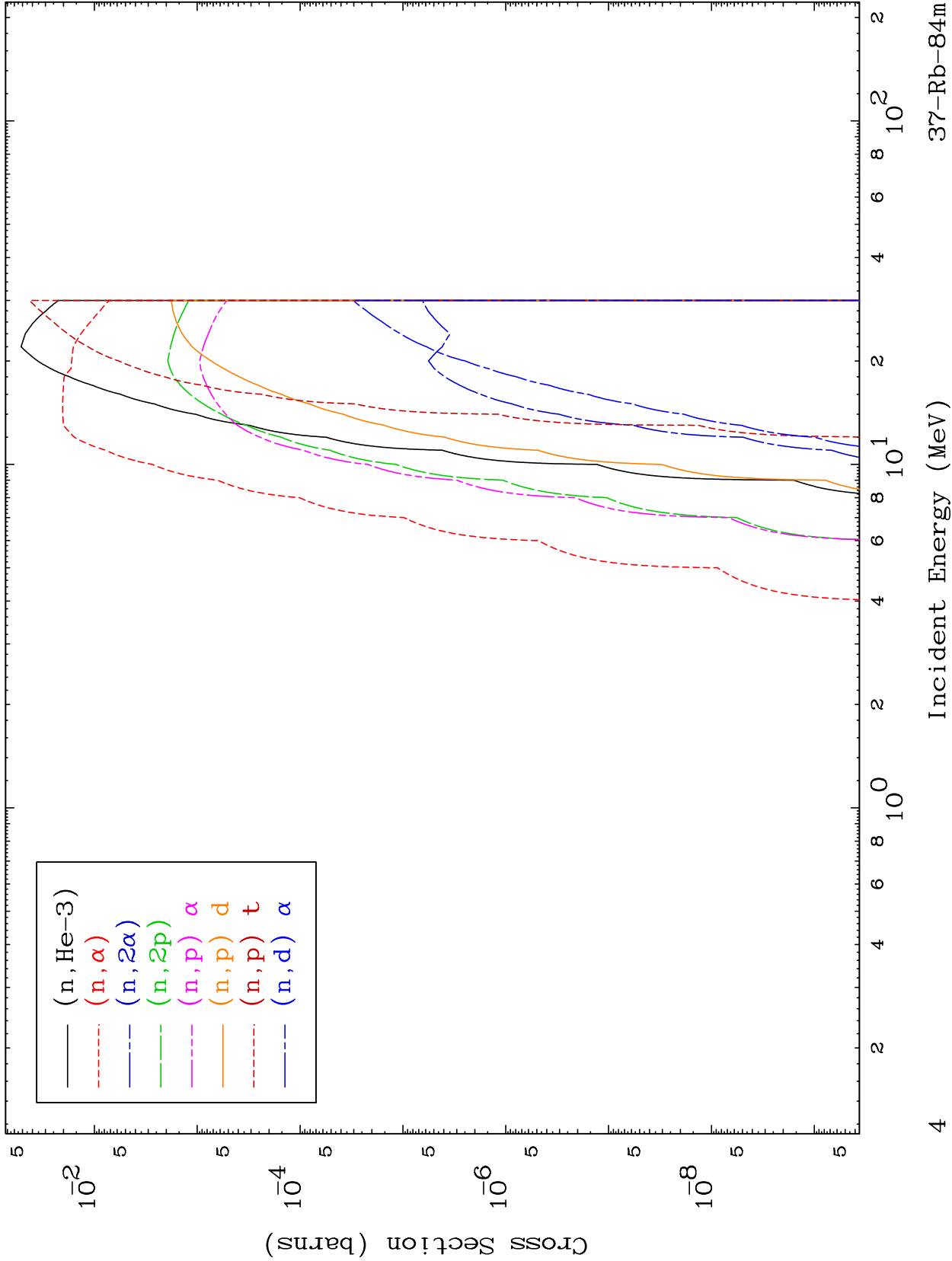
Incident Energy (MeV)

3

MAT 3723

He-3 Neutron Absorption
0 Kelvin Cross Sections

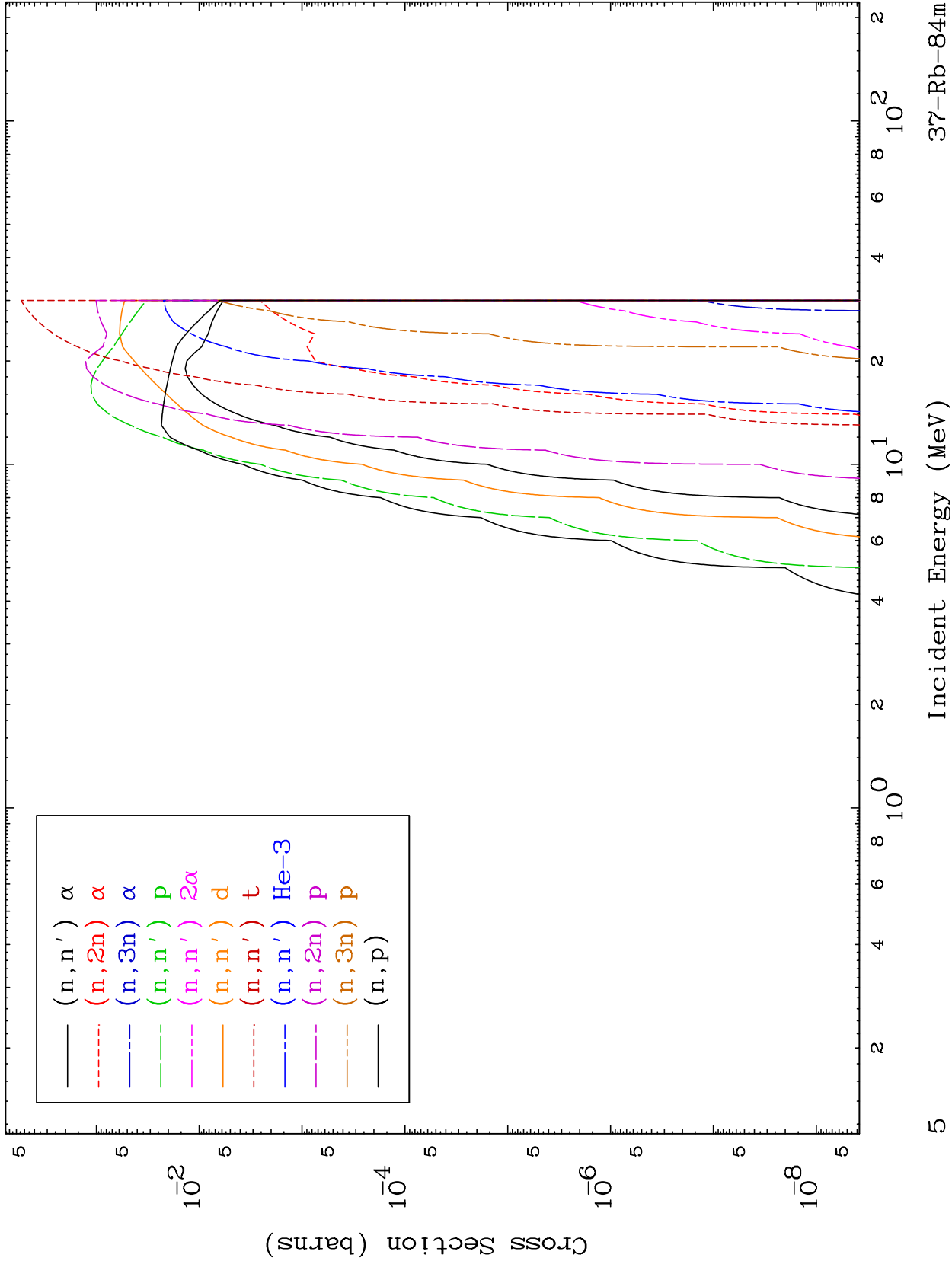
37-Rb-84m



MAT 3723

He-3 Charged Particle
0 Kelvin Cross Sections

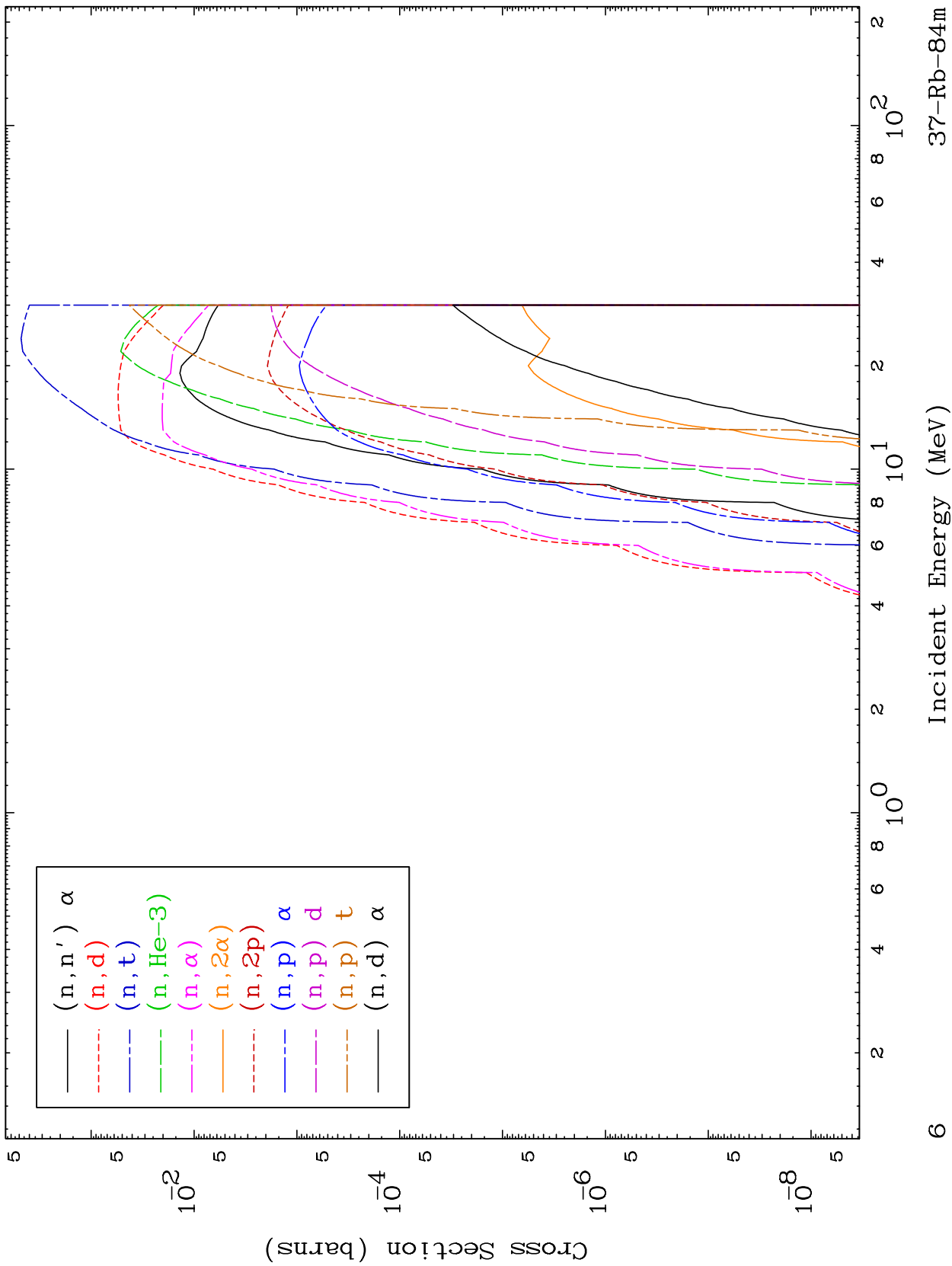
37-Rb-84m



MAT 3723

He-3 Charged Particle
0 Kelvin Cross Sections

37-Rb-84m



37-Rb-84m

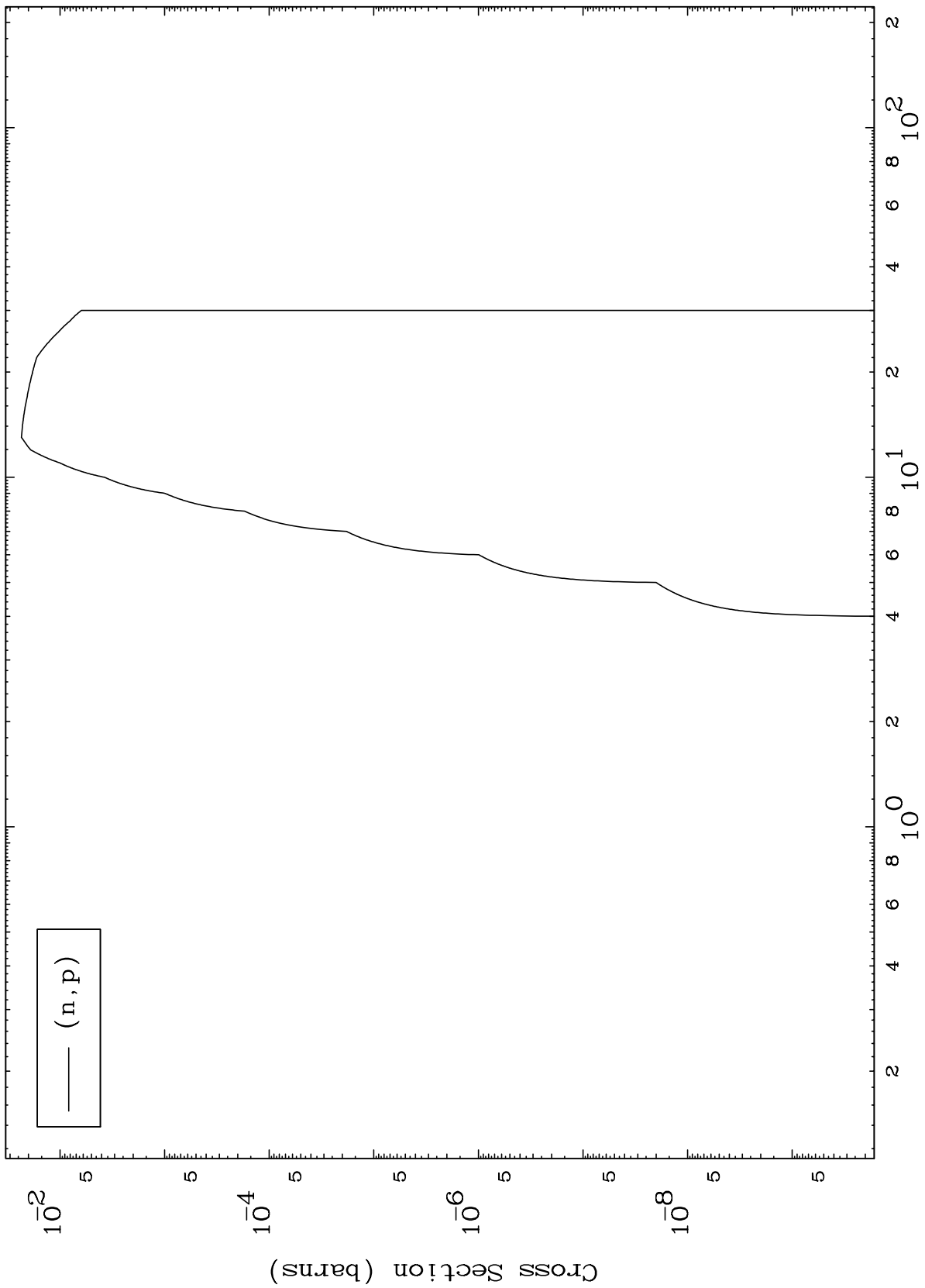
Incident Energy (MeV)

MAT 3723

(He-3,p) Levels

37-Rb-84m

0 Kelvin Cross Sections

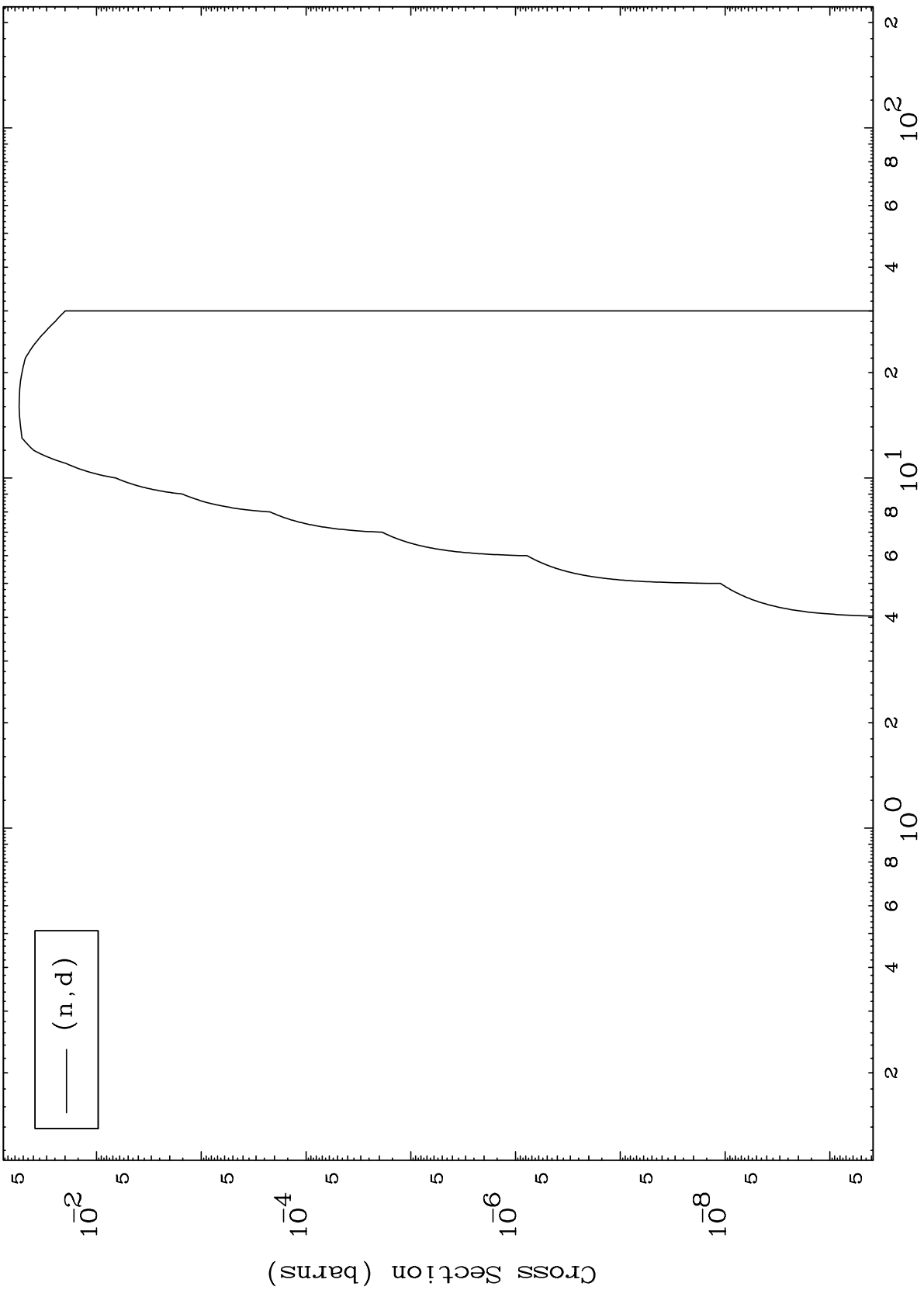


MAT 3723

(He-3,d) Levels

37-Rb-84m

0 Kelvin Cross Sections

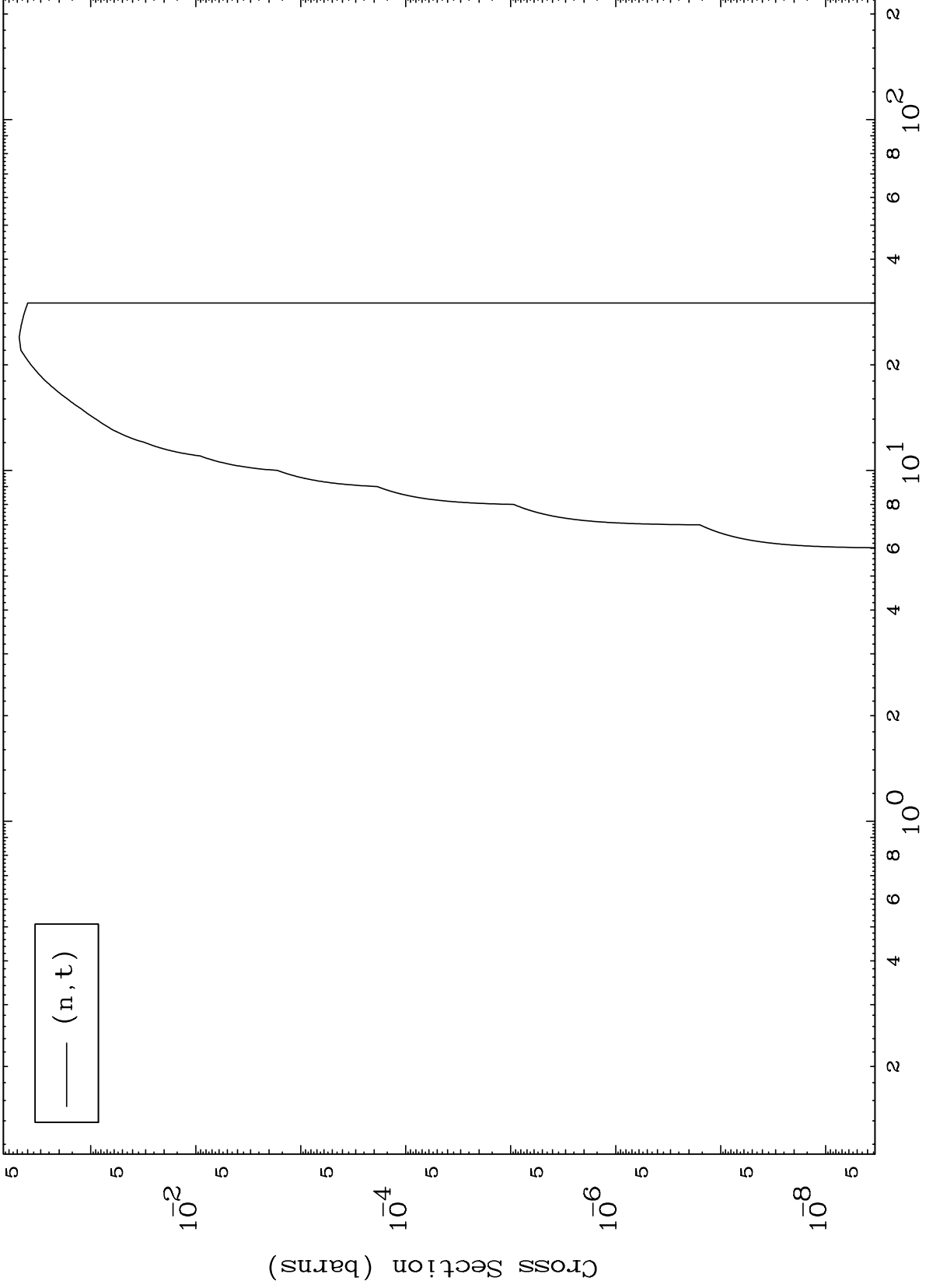


MAT 3723

(He-3,t) Levels

37-Rb-84m

0 Kelvin Cross Sections

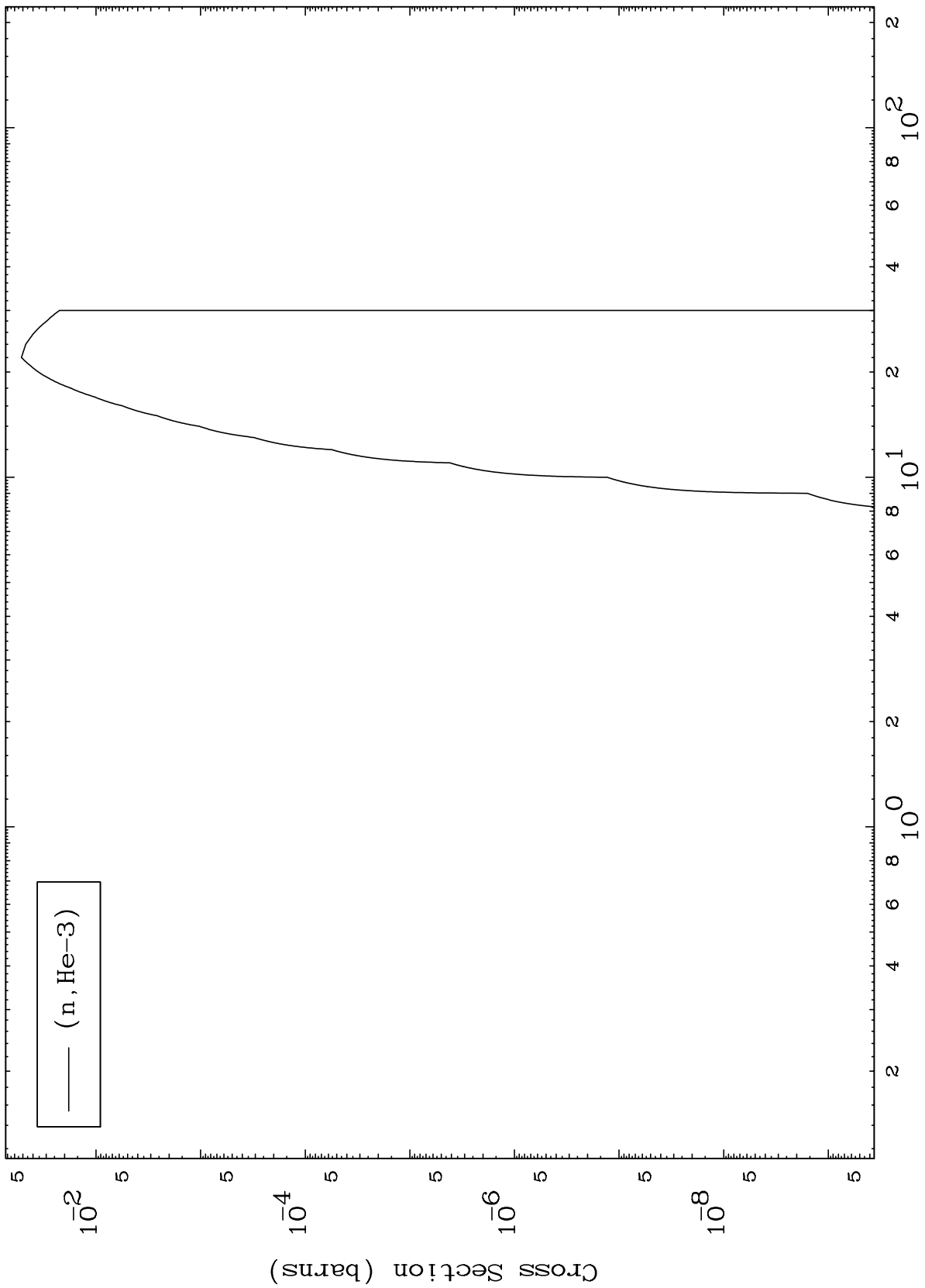


MAT 3723

(He-3, He3) Levels

37-Rb-84m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

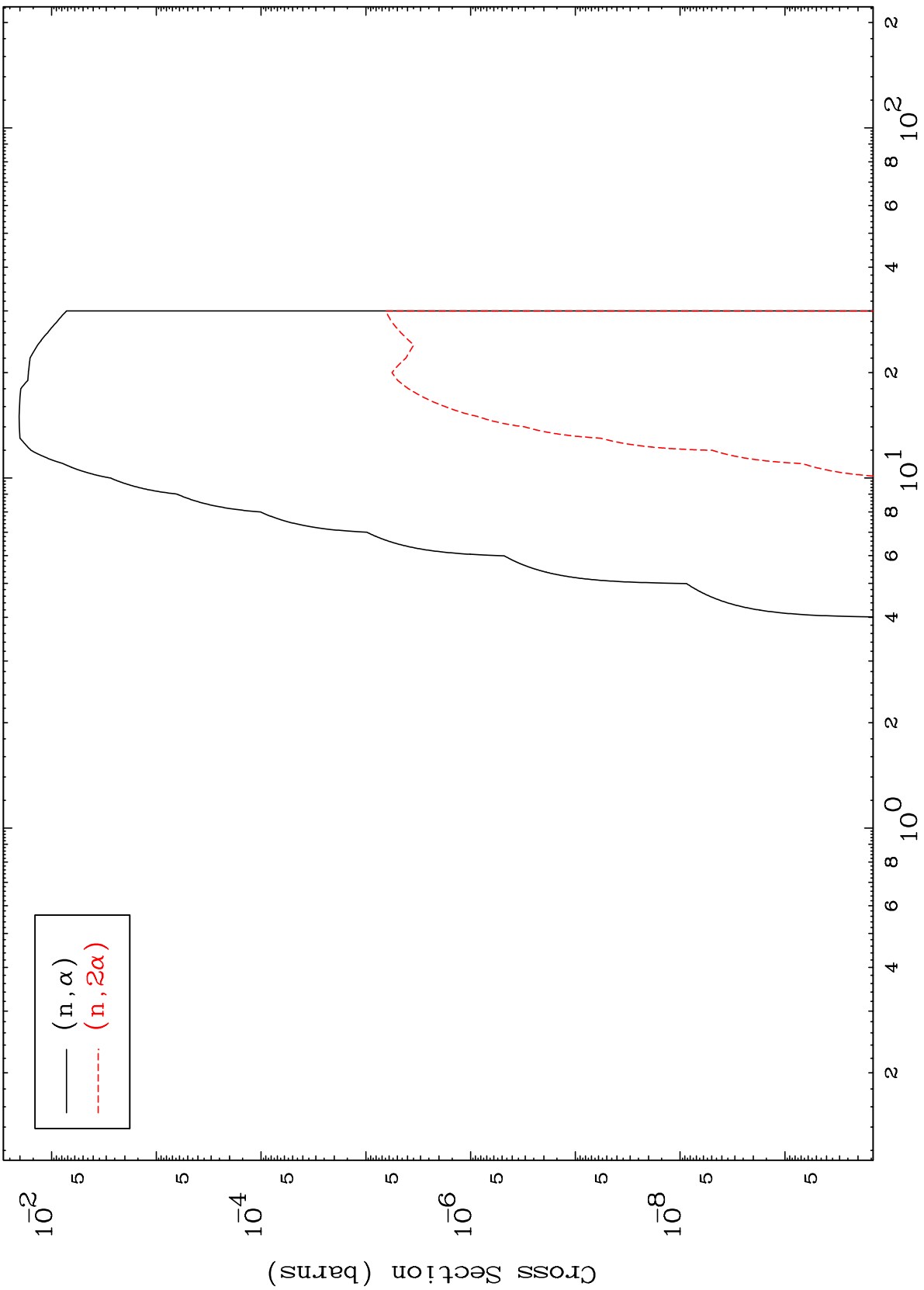
37-Rb-84m

MAT 3723

(He-3, α) Levels

37-Rb-84m

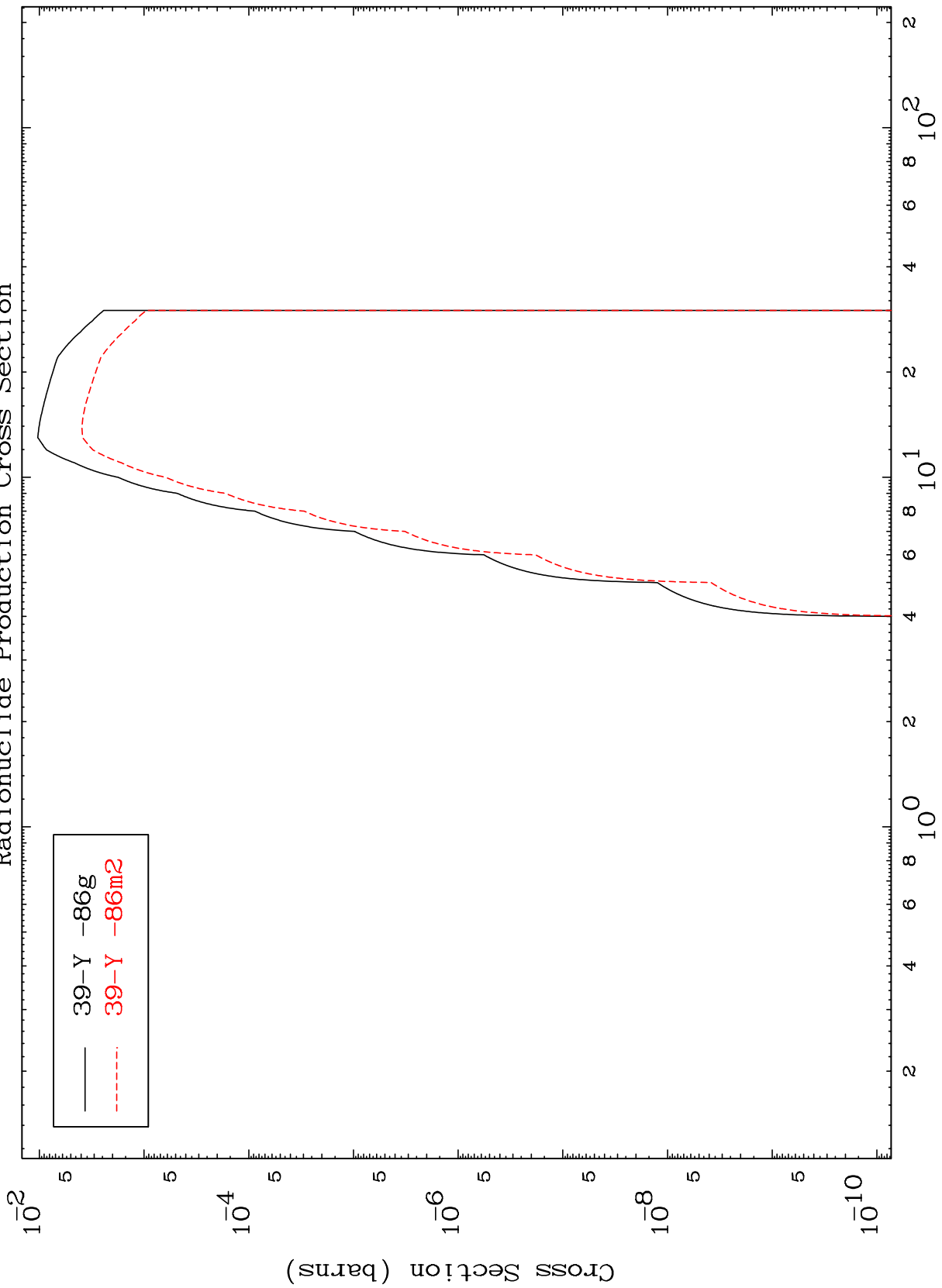
0 Kelvin Cross Sections



MAT 3723

37-Rb-84m

Inelastic
Radionuclide Production Cross Section



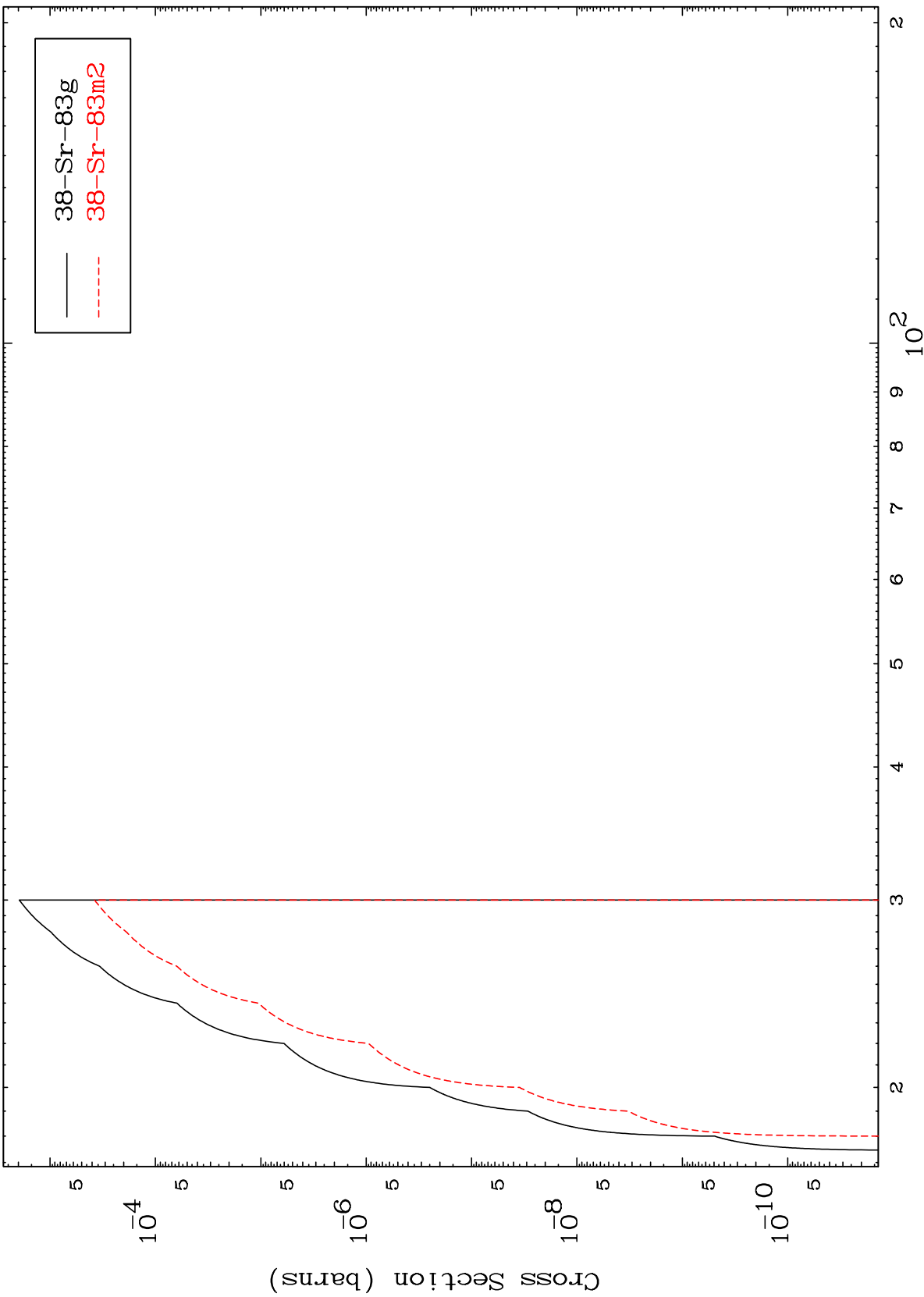
— 39-Y -86g
- - - 39-Y -86m2

37-Rb-84m

Incident Energy (MeV)

12

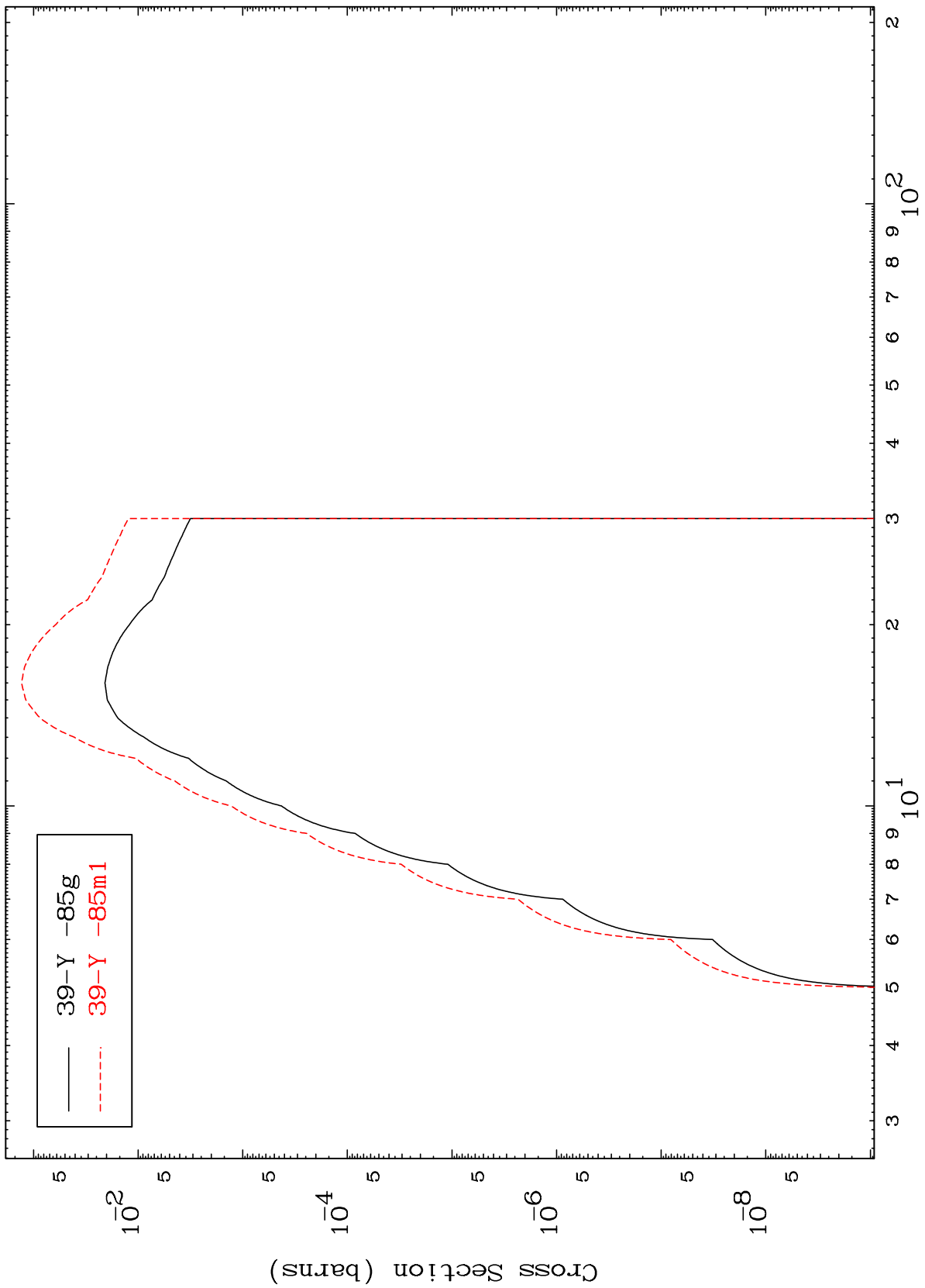
Radionuclide Production Cross Section



MAT 3723

37-Rb-84m

Radionuclide Production Cross Section
(n,2n)



14

Incident Energy (MeV)

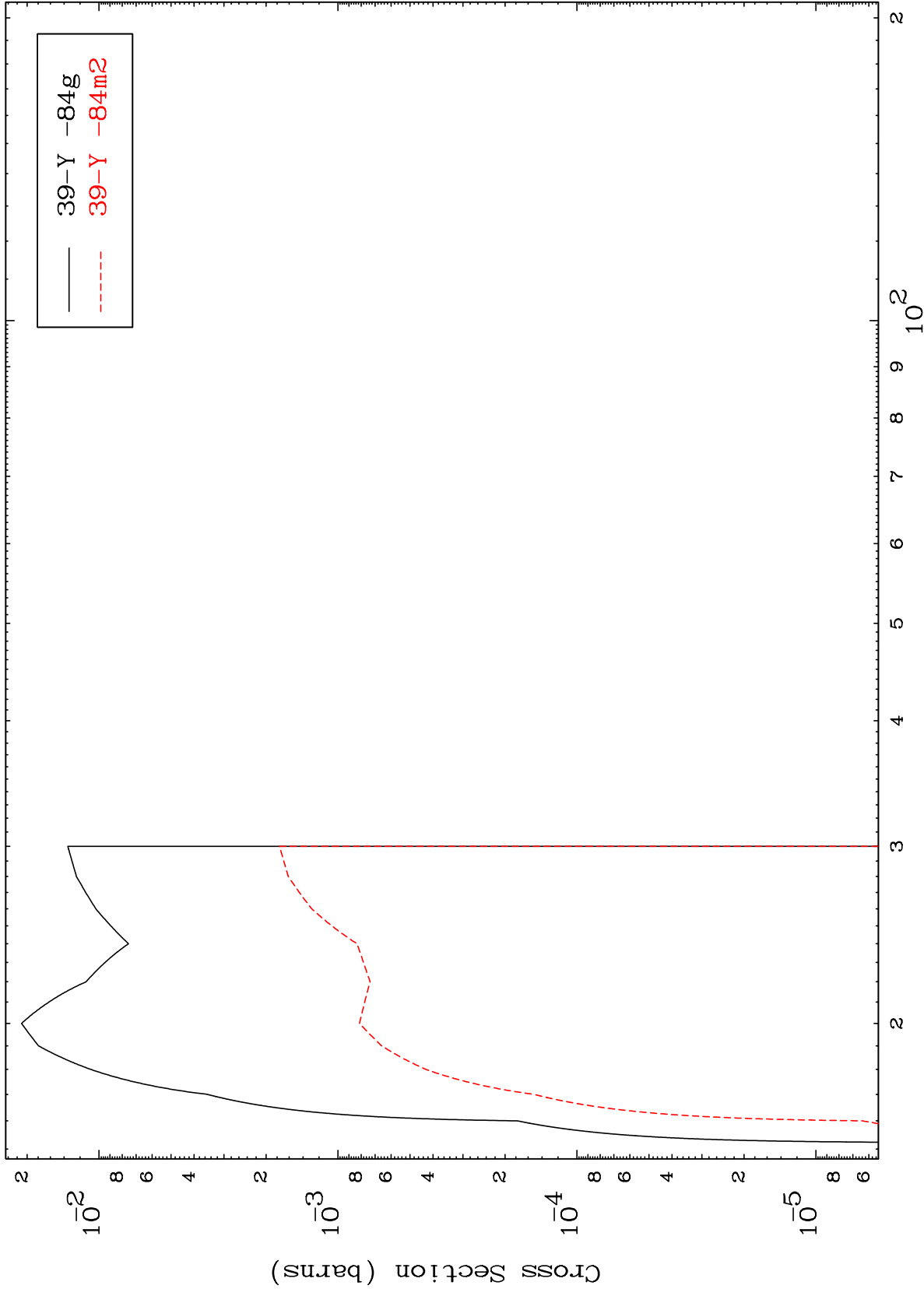
37-Rb-84m

MAT 3723

(n,3n)

37-Rb-84m

Radionuclide Production Cross Section



15

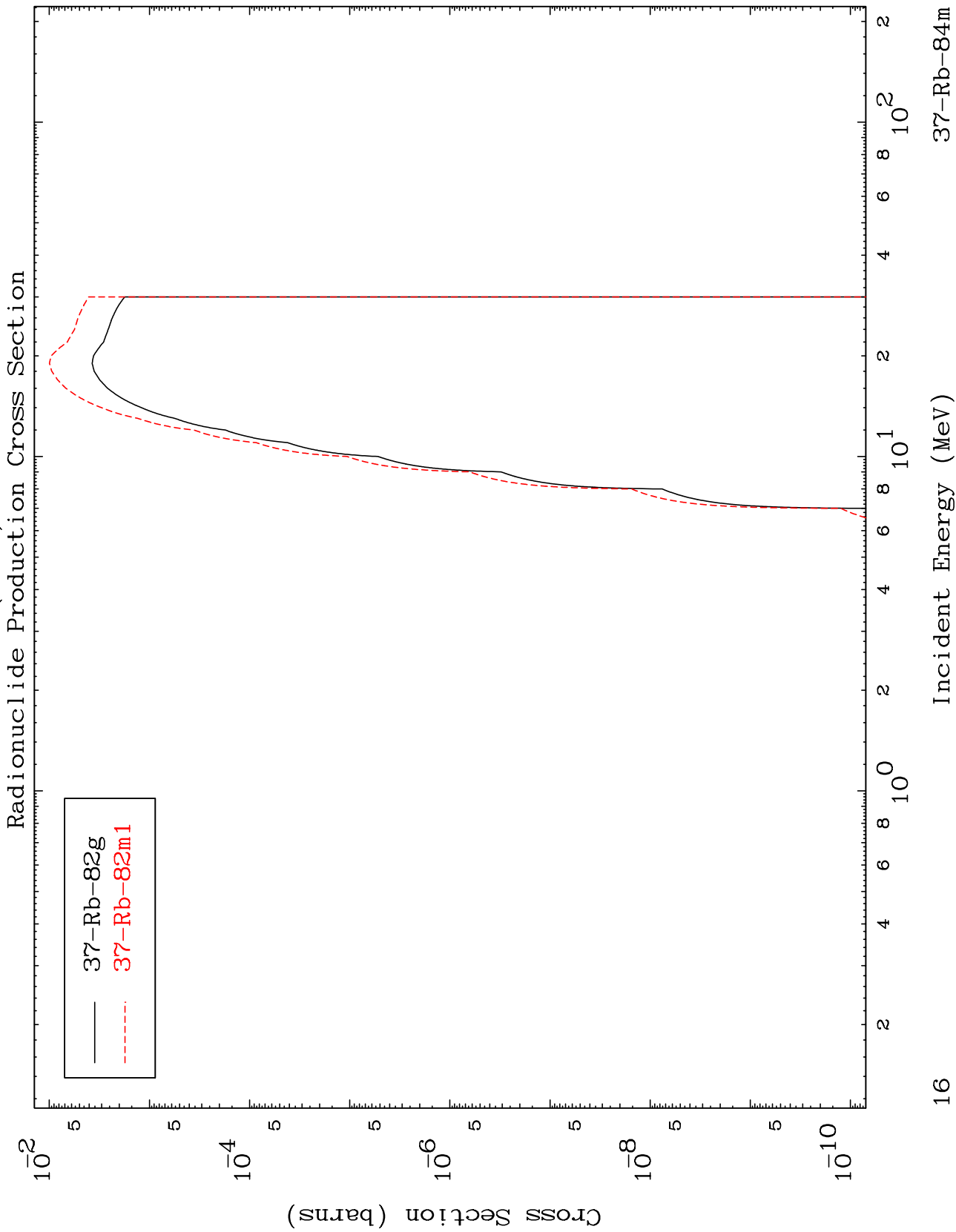
Incident Energy (MeV)

37-Rb-84m

MAT 3723

$(n, n') \alpha$

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

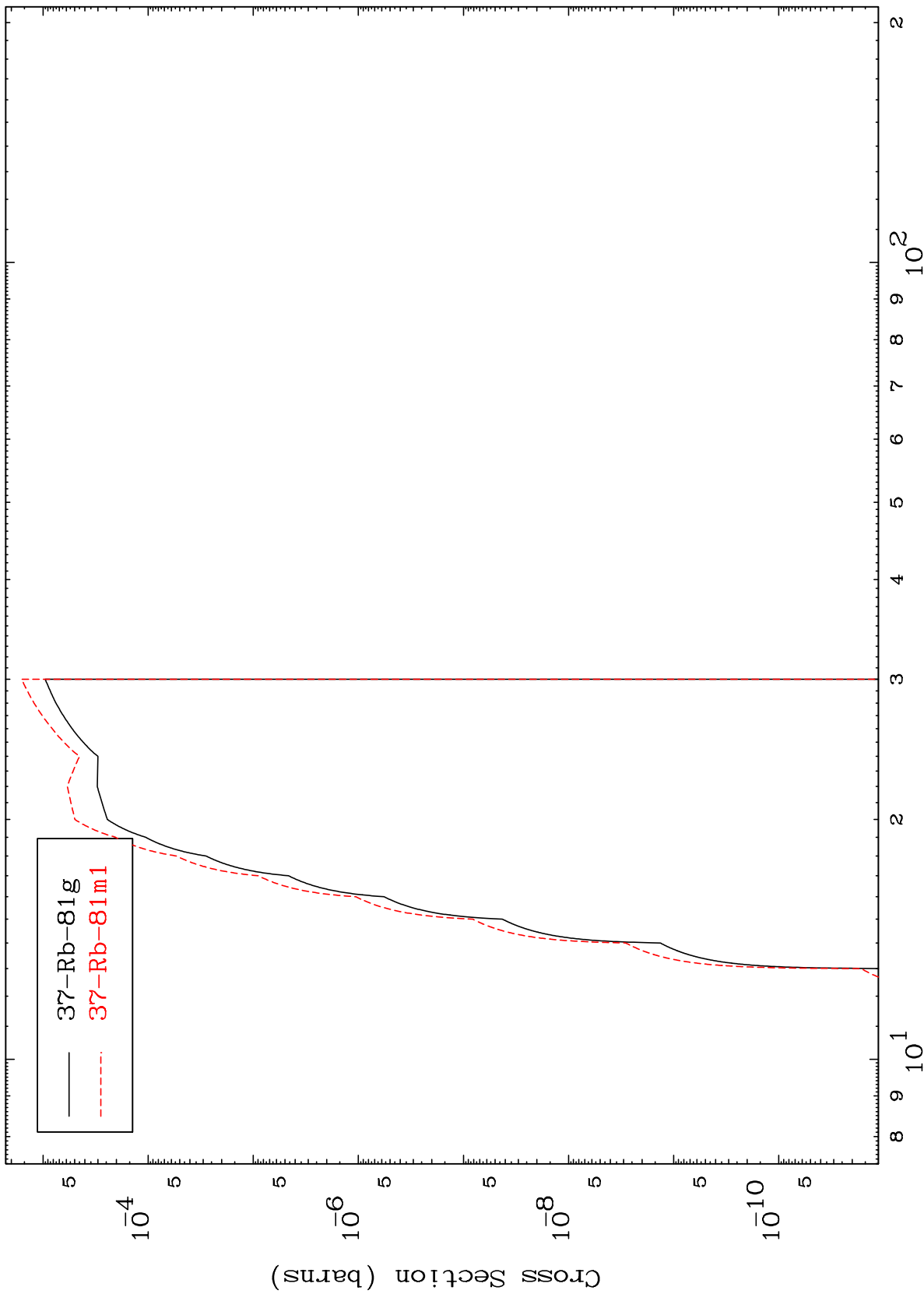


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³⁷Rb-84m

(n,2n) α

Radionuclide Production Cross Section



17

Incident Energy (MeV)

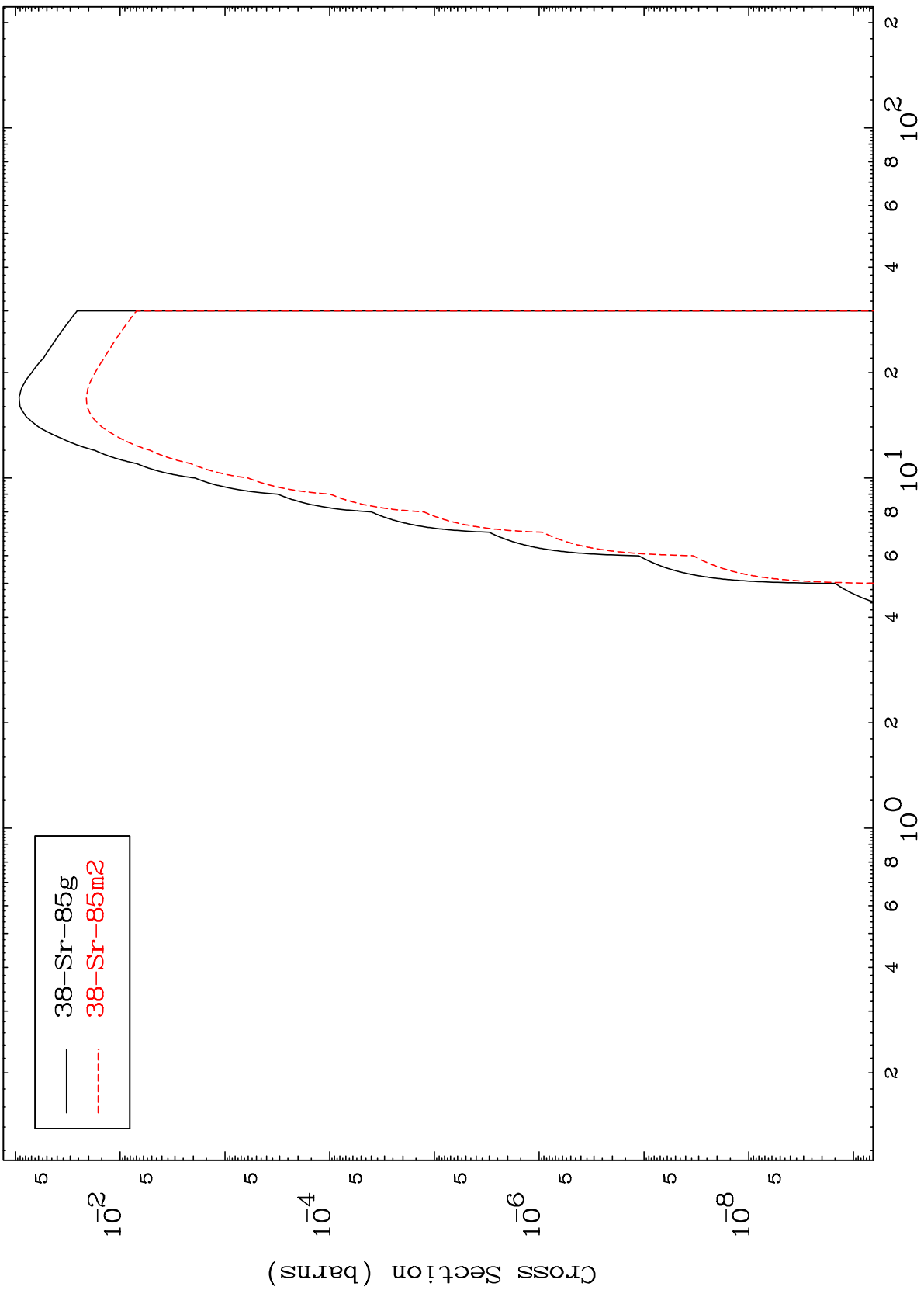
³⁷Rb-84m

MAT 3723

(n,n') p

37-Rb-84m

Radionuclide Production Cross Section

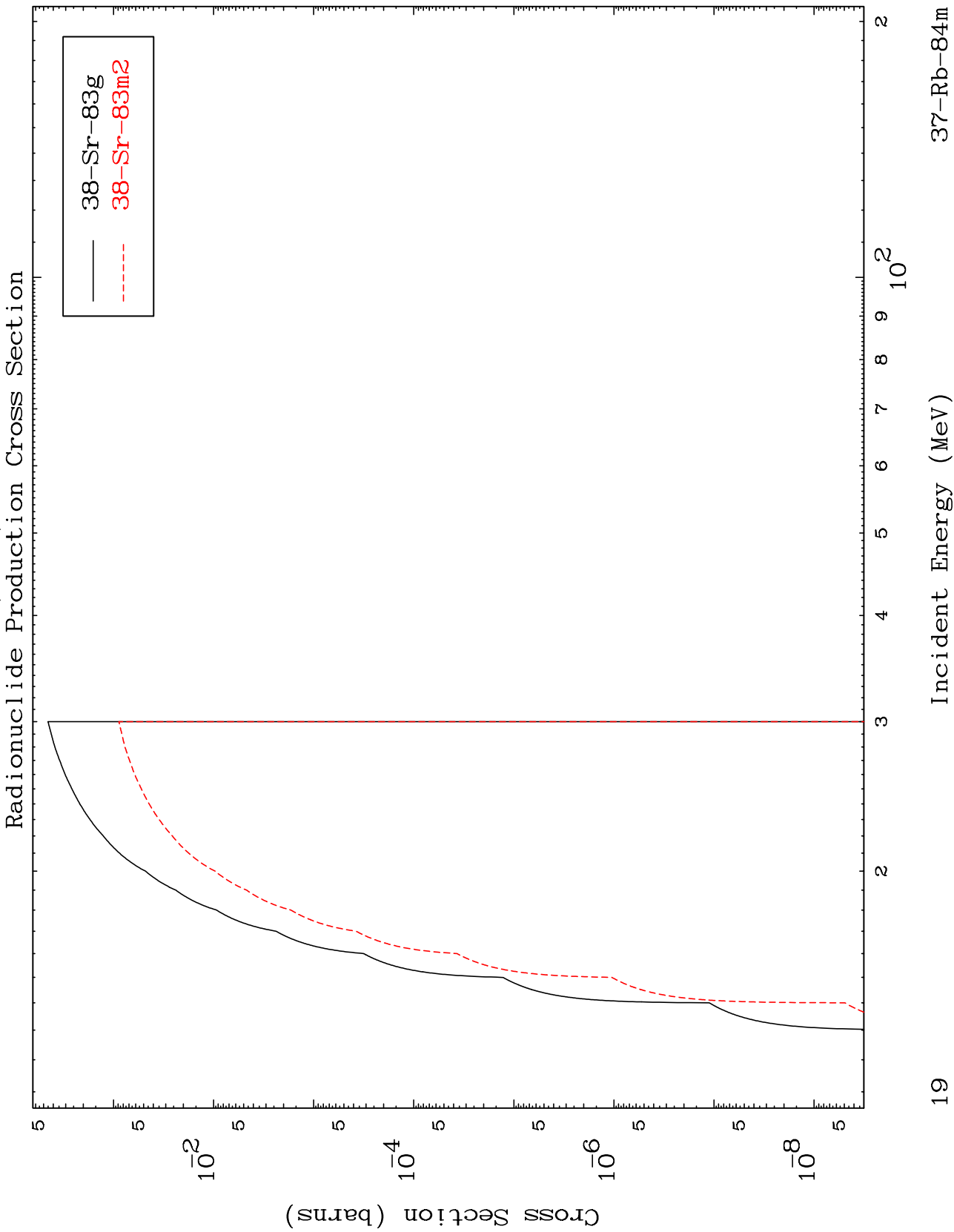


— 38-Sr-85g
- - - 38-Sr-85m2

MAT 3723

(n,n') t

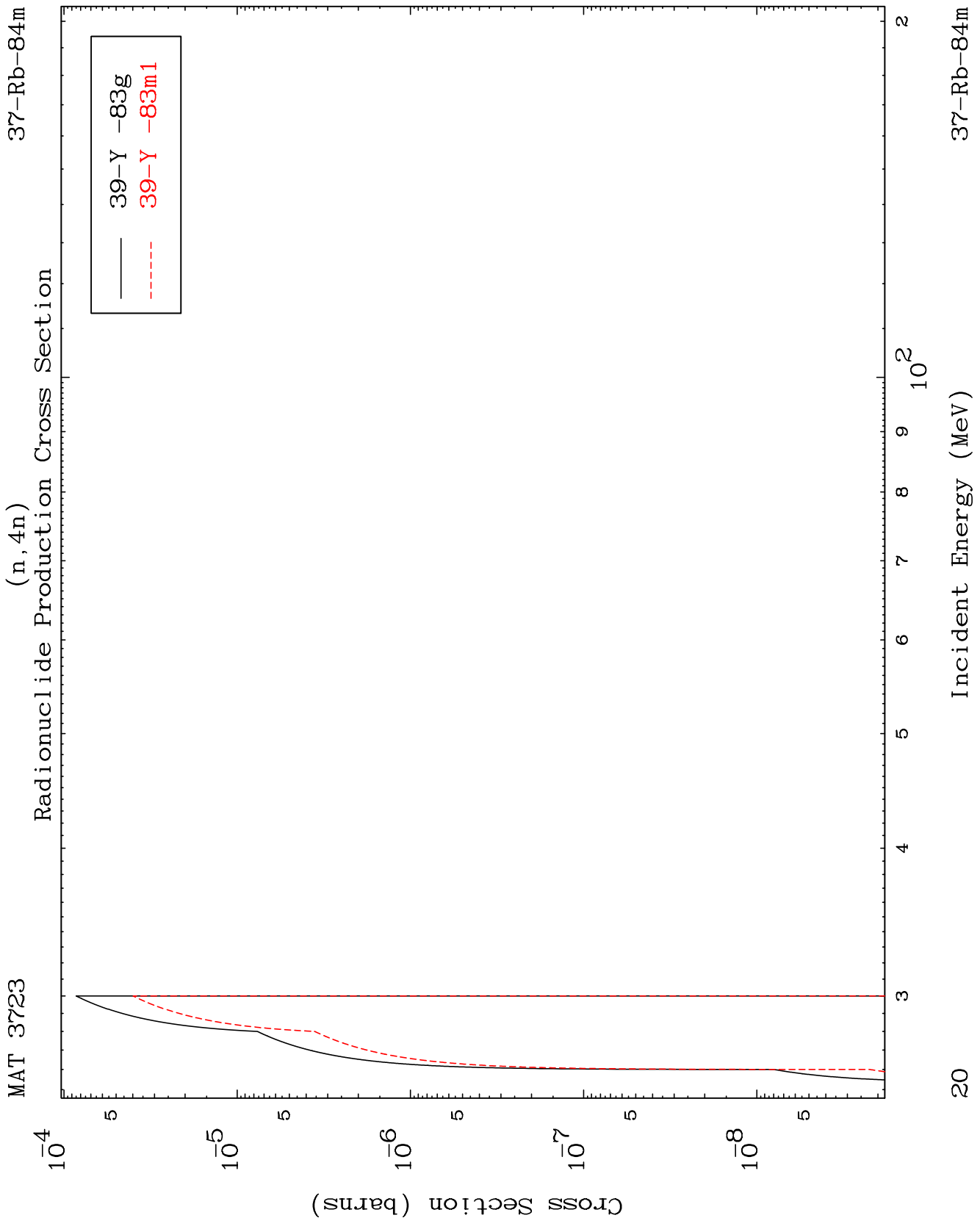
37-Rb-84m



19

Incident Energy (MeV)

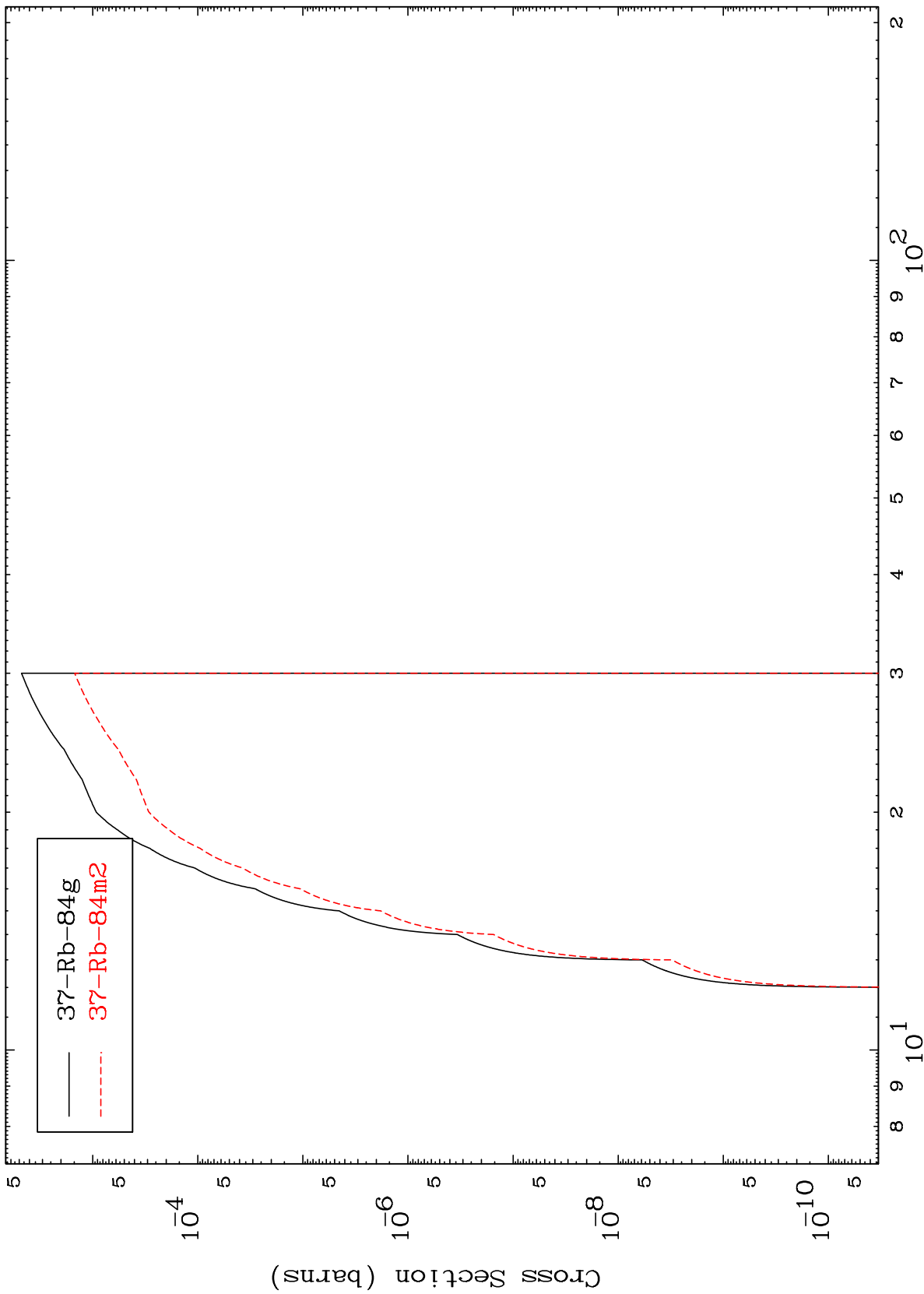
37-Rb-84m



MAT 3723

³⁷Rb-84m

(n,2n) p
Radionuclide Production Cross Section



³⁷Rb-84m

Incident Energy (MeV)

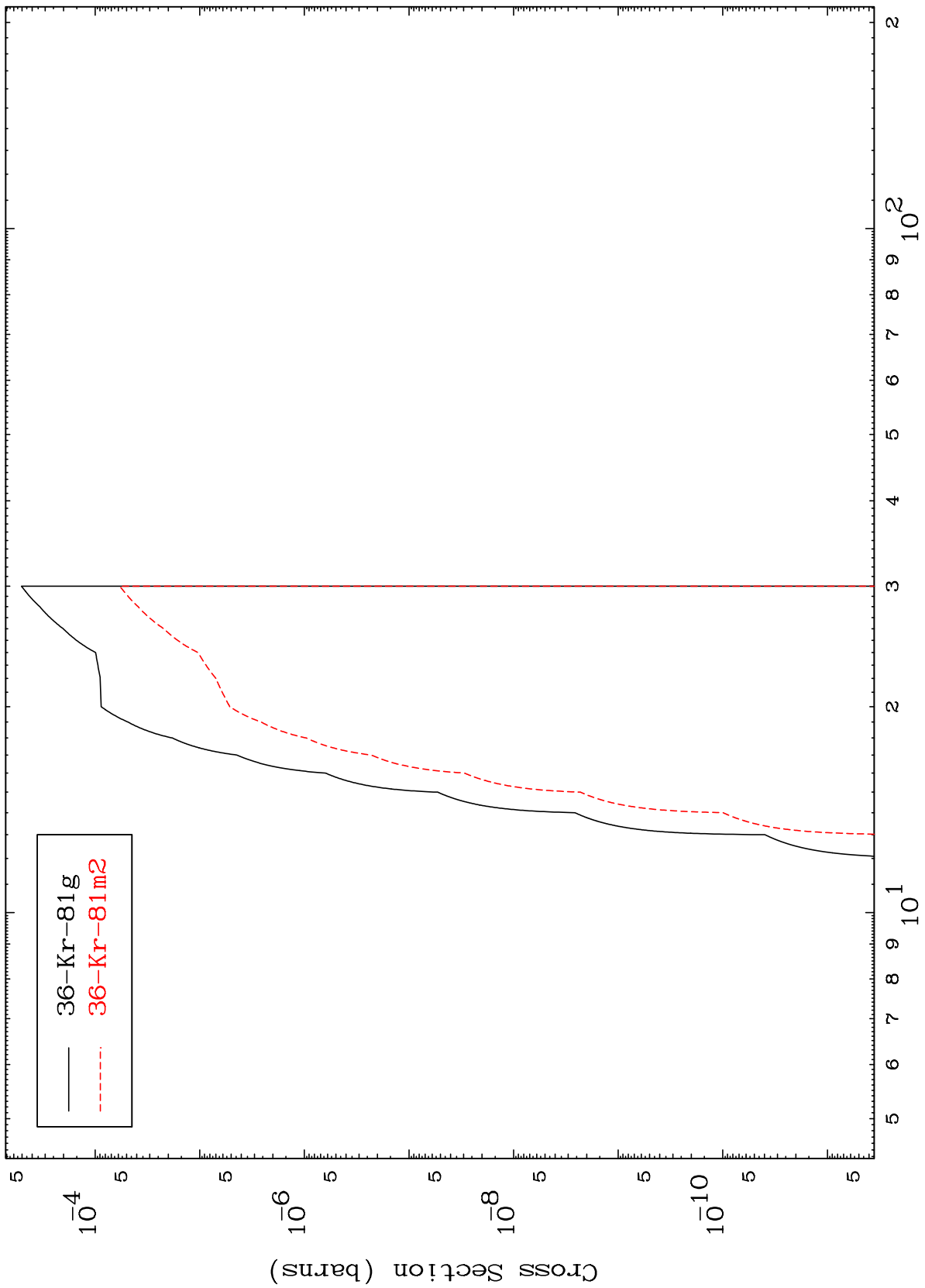
22

MAT 3723

(n,n') p α

37-Rb-84m

Radionuclide Production Cross Section



23

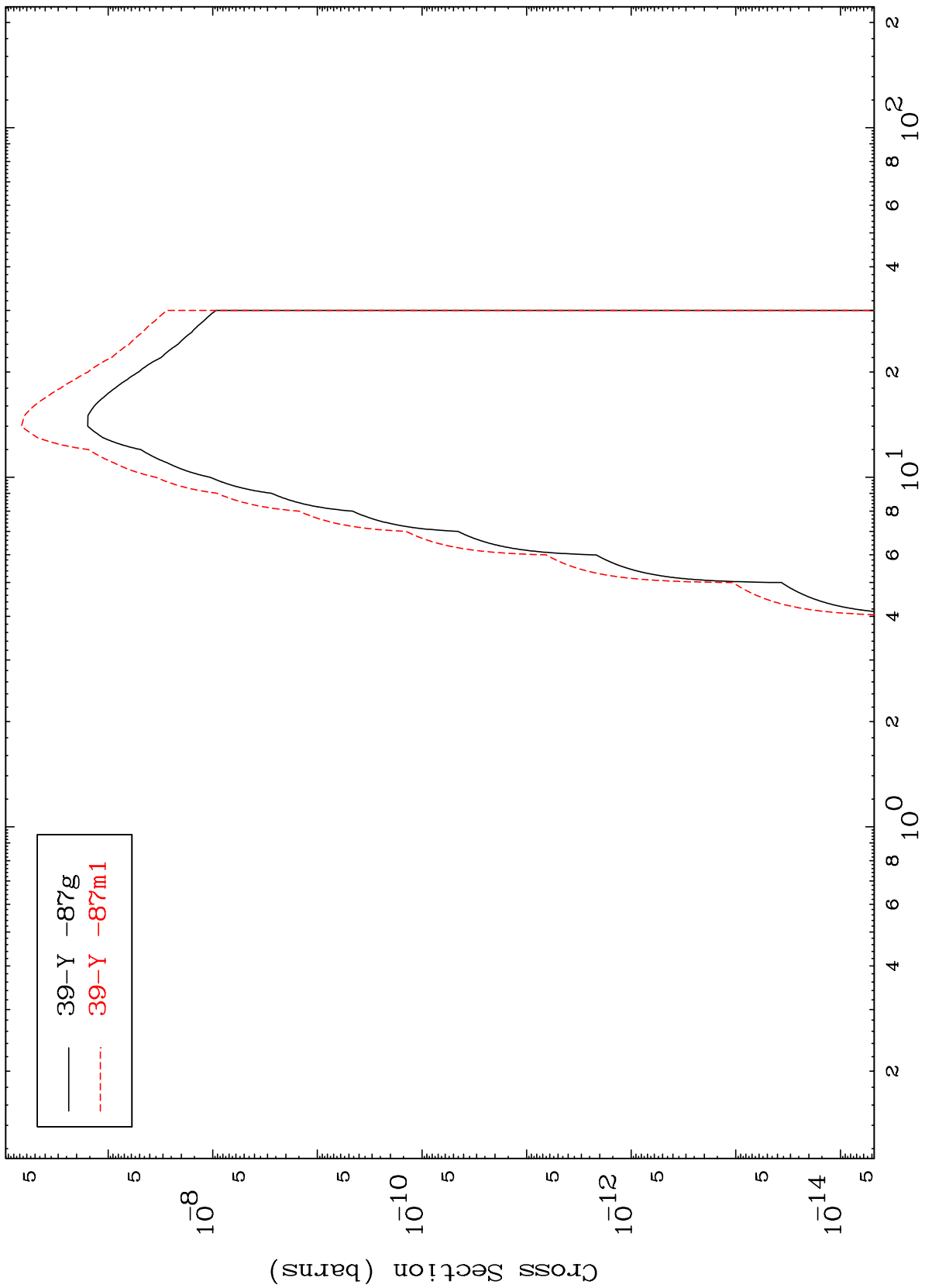
Incident Energy (MeV)

37-Rb-84m

MAT 3723

37-Rb-84m

Radionuclide Production Cross Section

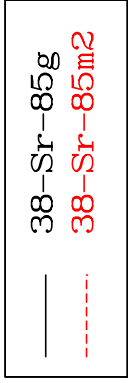
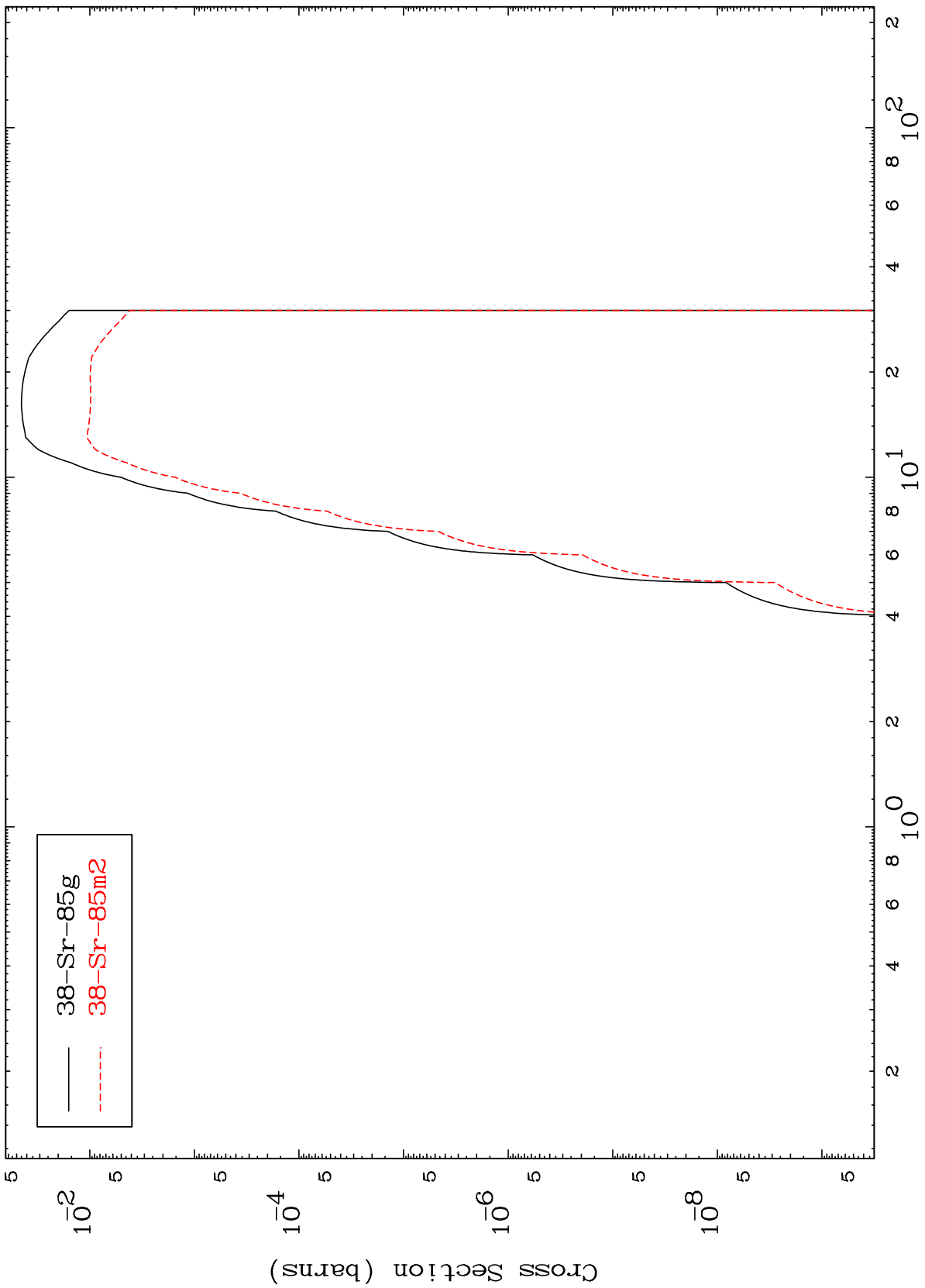


MAT 3723

(n, d)

37-Rb-84m

Radionuclide Production Cross Section

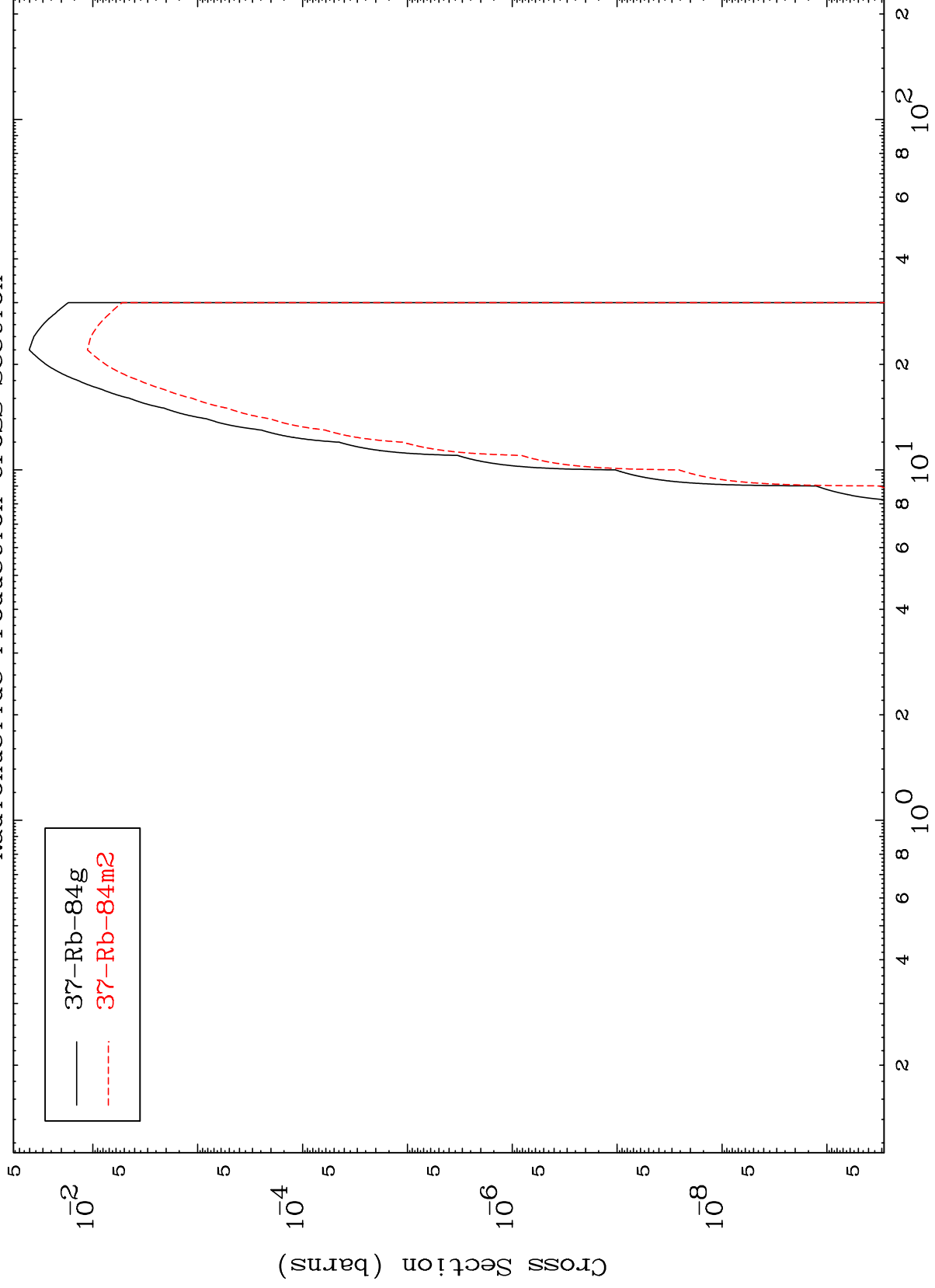


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(n,He-3)

37-Rb-84m

Radionuclide Production Cross Section



26

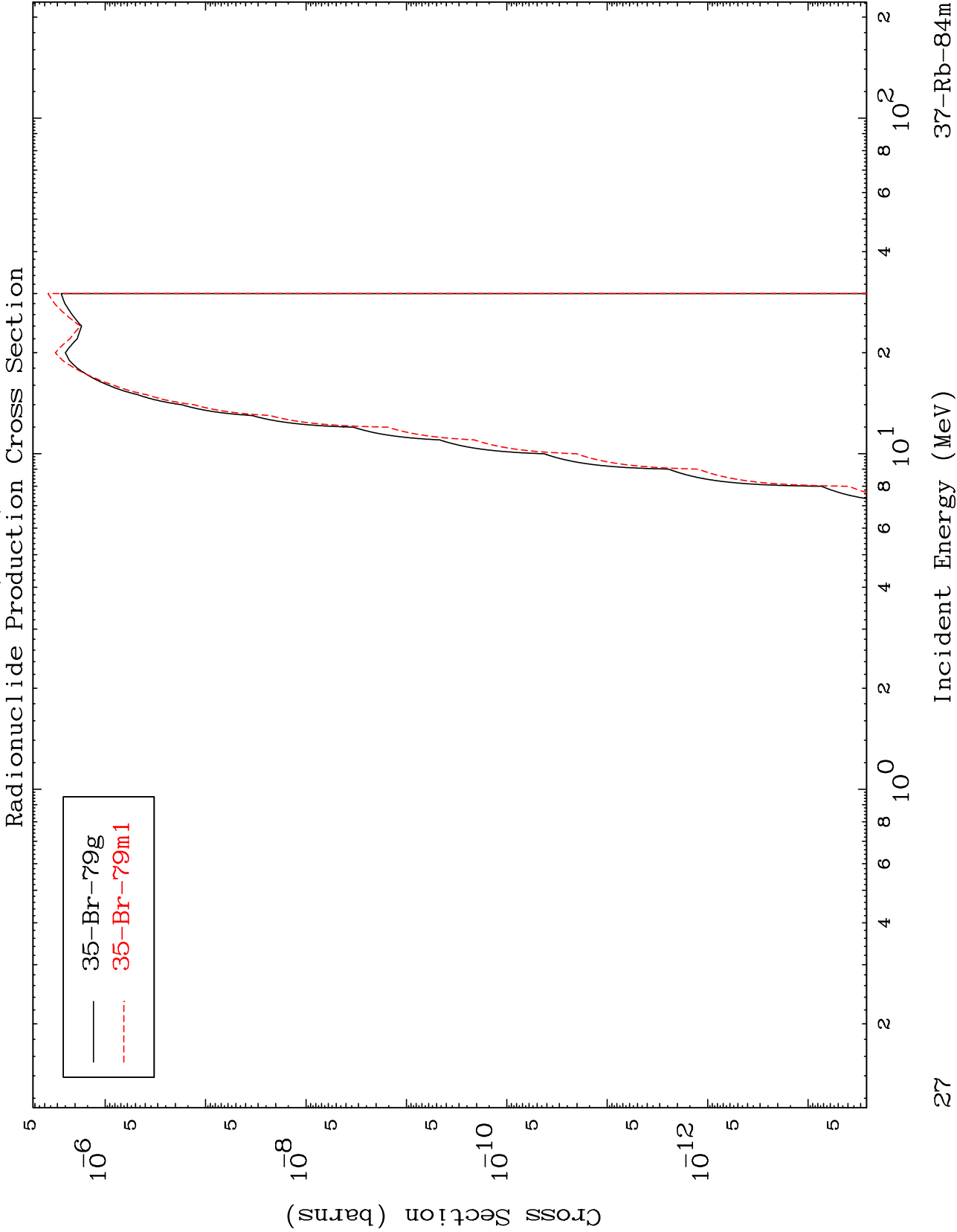
Incident Energy (MeV)

37-Rb-84m

MAT 3723

(n,2α)

37-Rb-84m

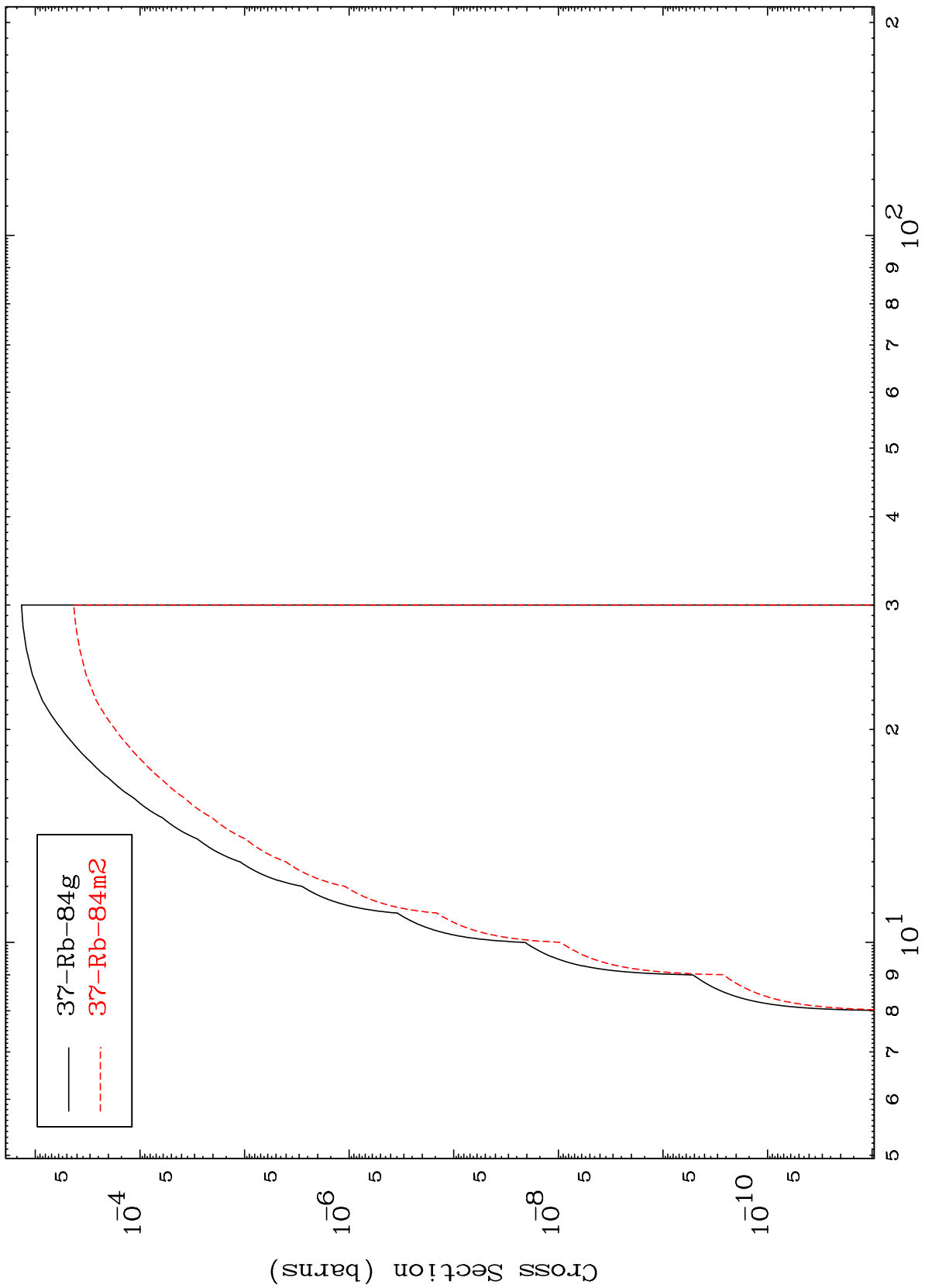


MAT 3723

(n,p) d

³⁷Rb-84m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

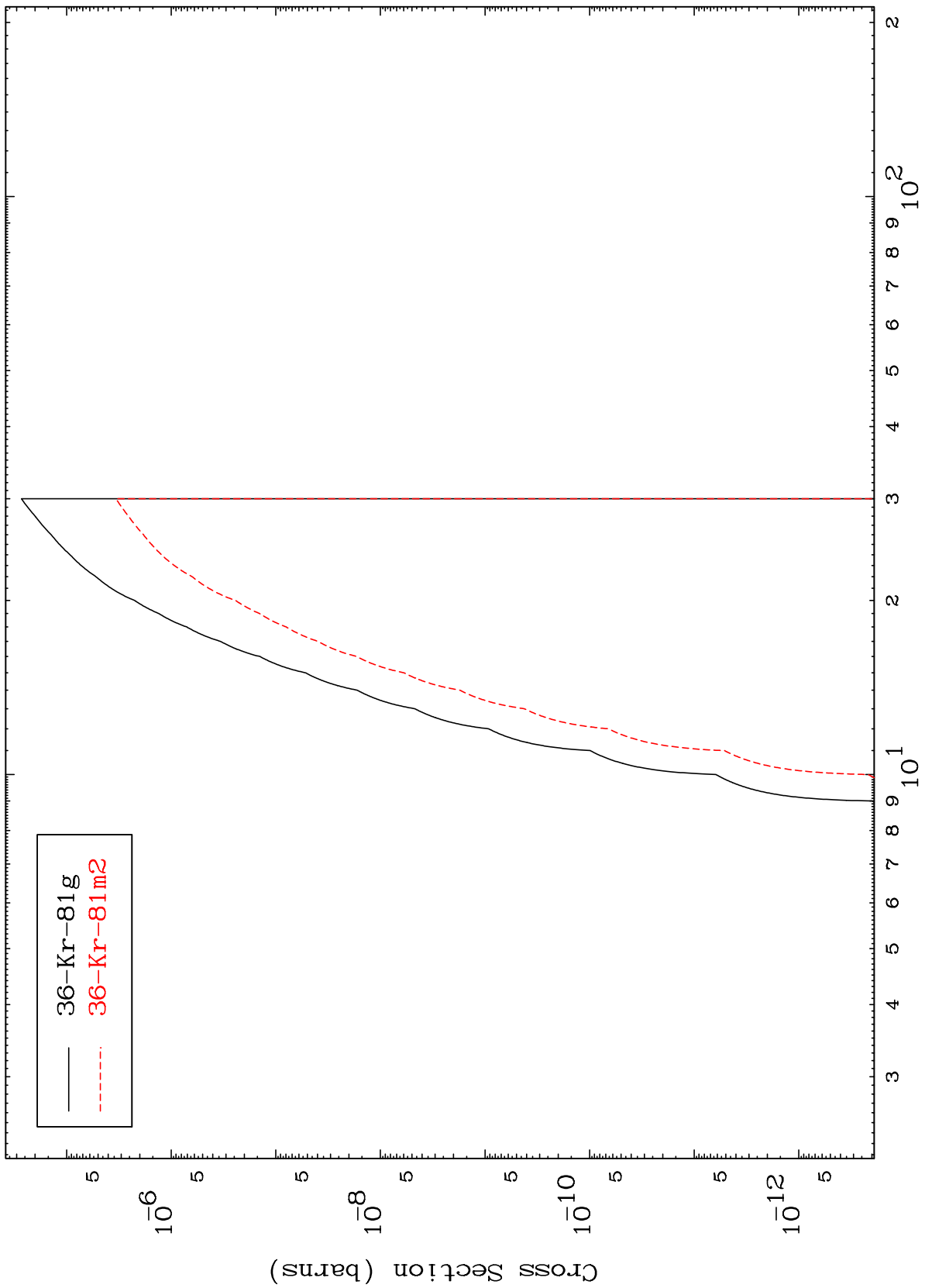
³⁷Rb-84m

MAT 3723

(n,d) α

37-Rb-84m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

37-Rb-84m