

Program EVALPLOT
(Version 2021-1)

by

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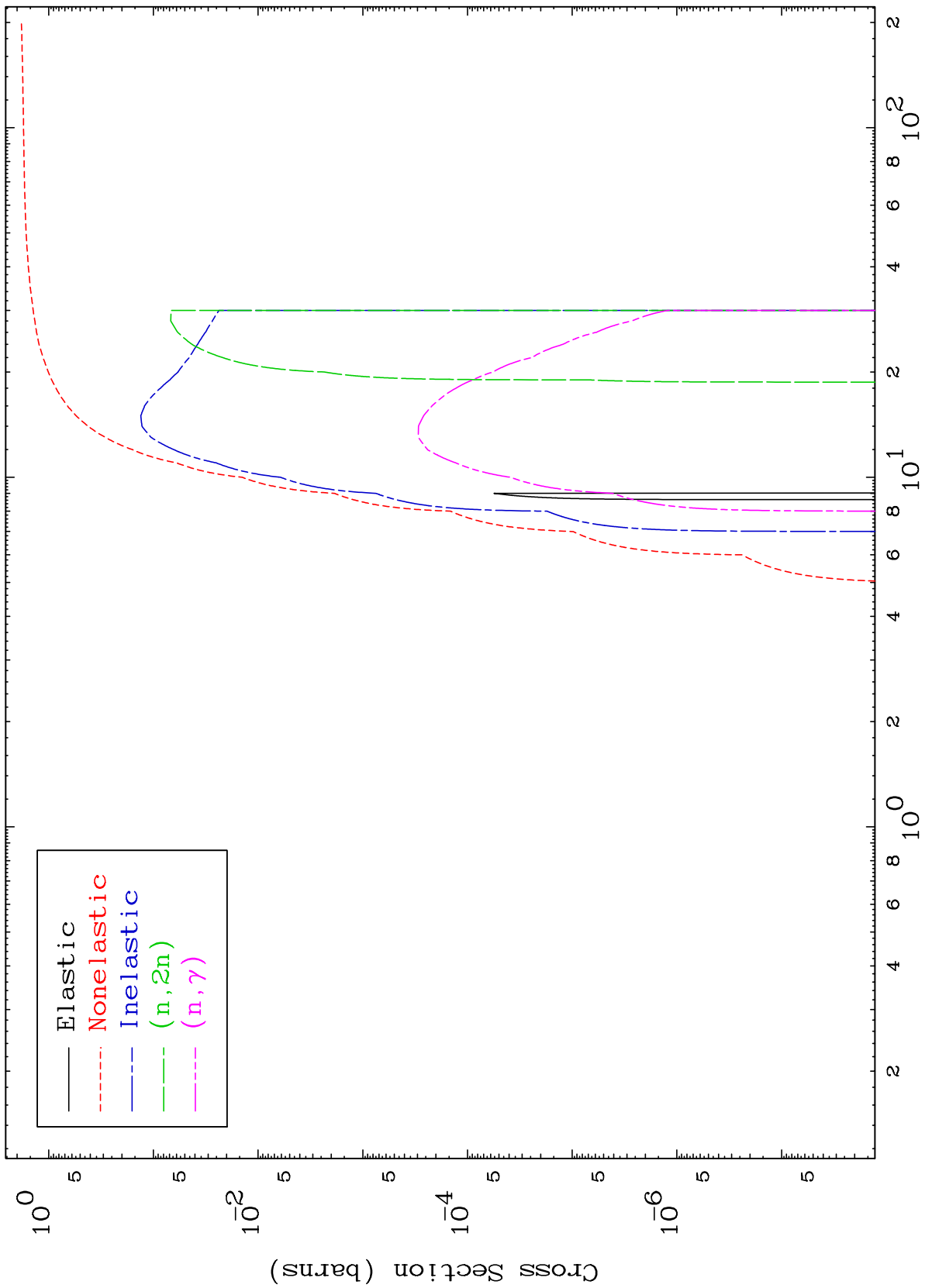
Press Mouse Button to Start

MAT 3710

α Major

37-Rb-80

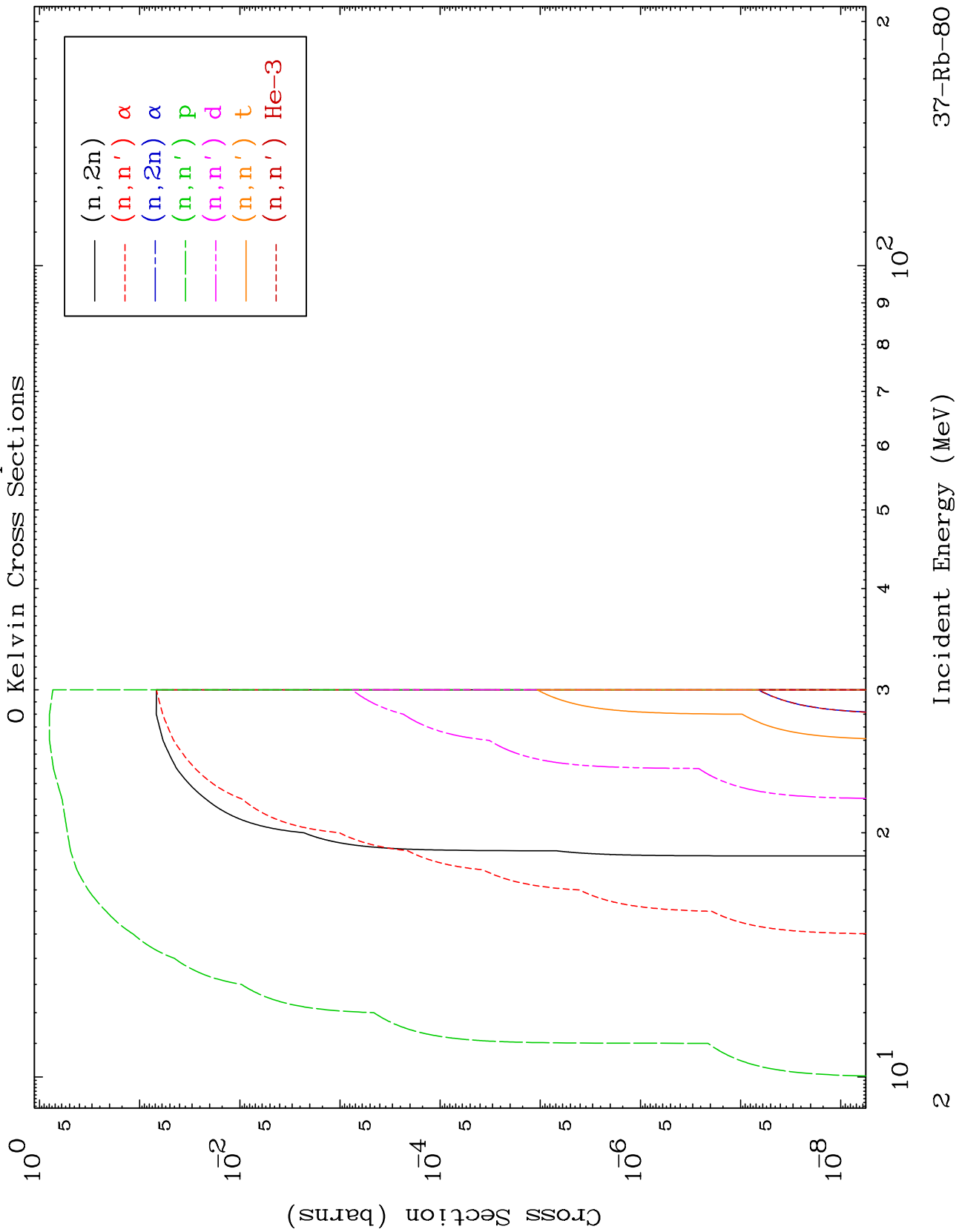
0 Kelvin Cross Sections



MAT 3710

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-80

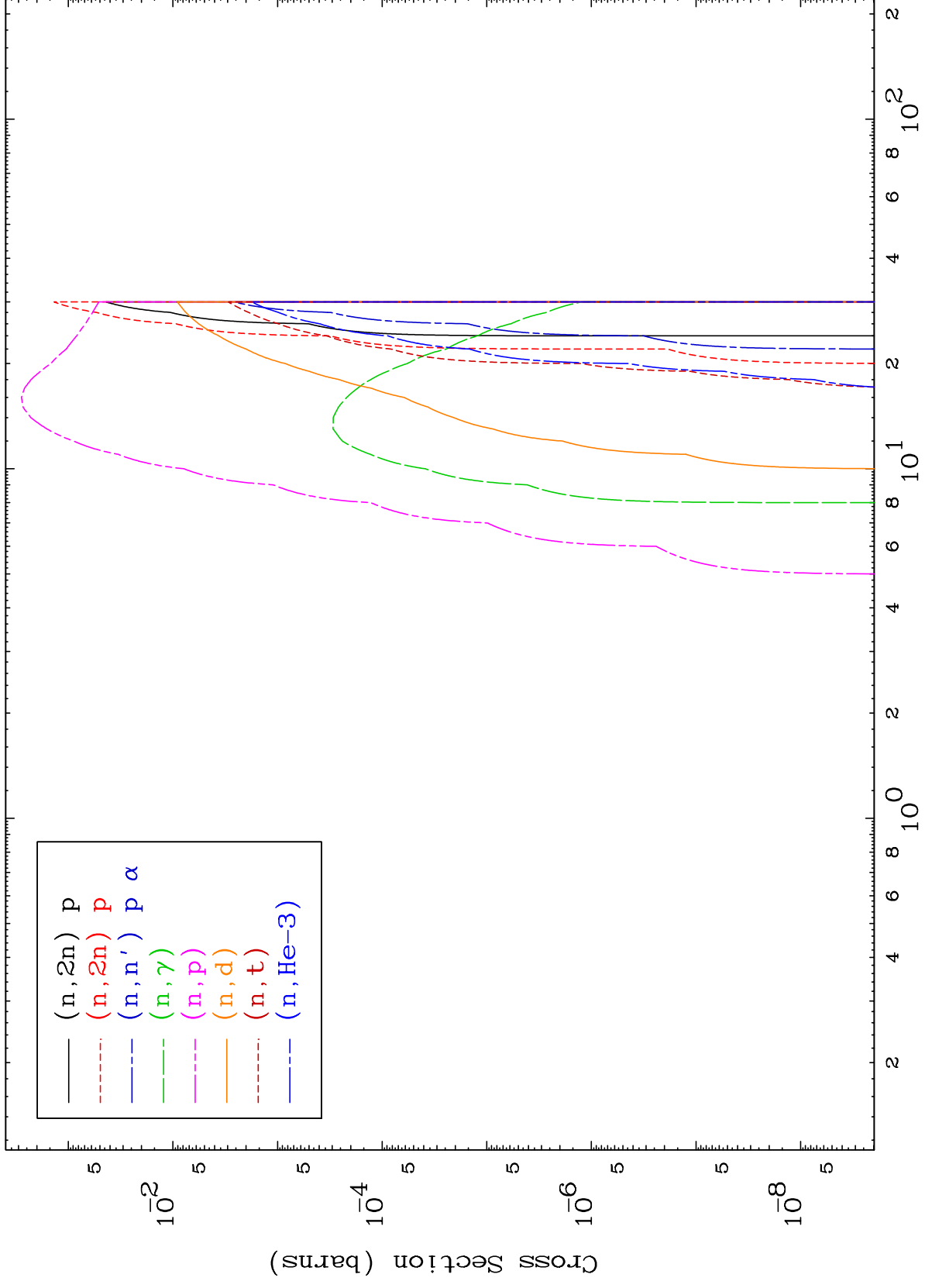


37-Rb-80

MAT 3710

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-80



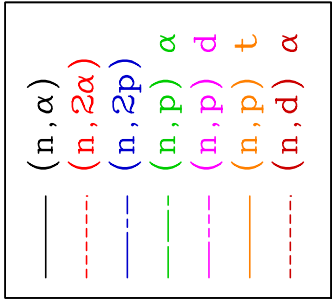
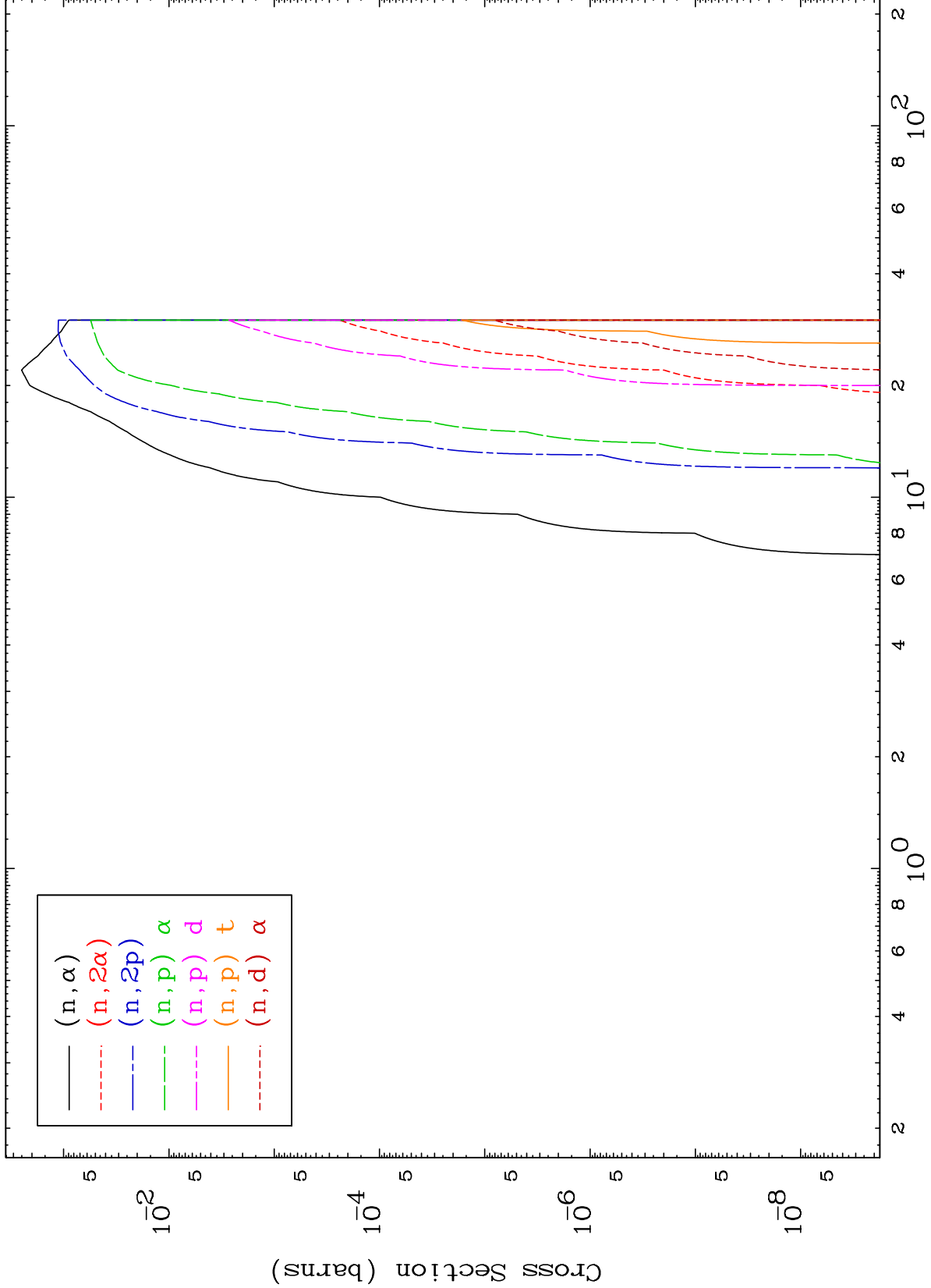
Incident Energy (MeV)

37-Rb-80

MAT 3710

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-80



4

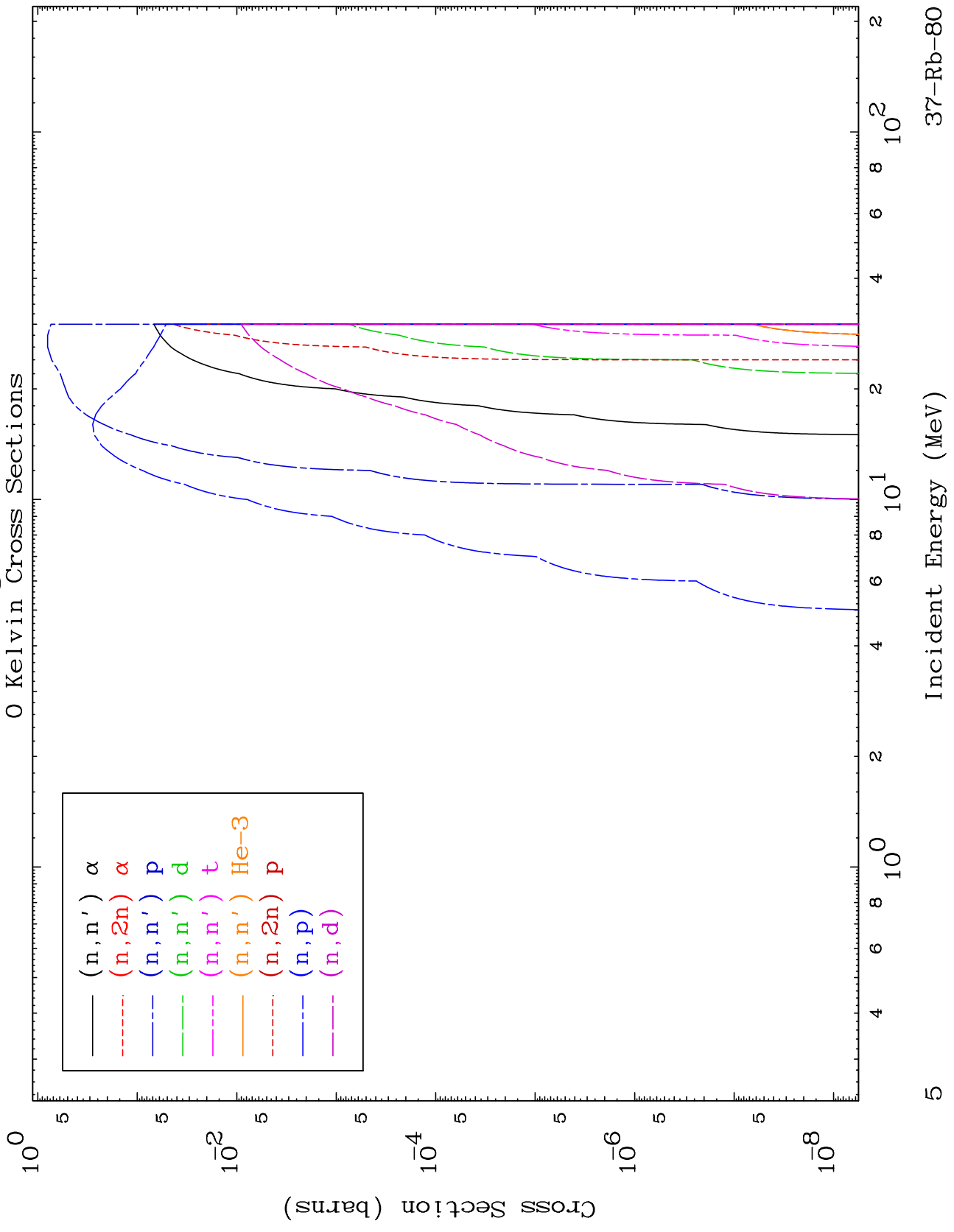
Incident Energy (MeV)

37-Rb-80

MAT 3710

α Charged Particle
0 Kelvin Cross Sections

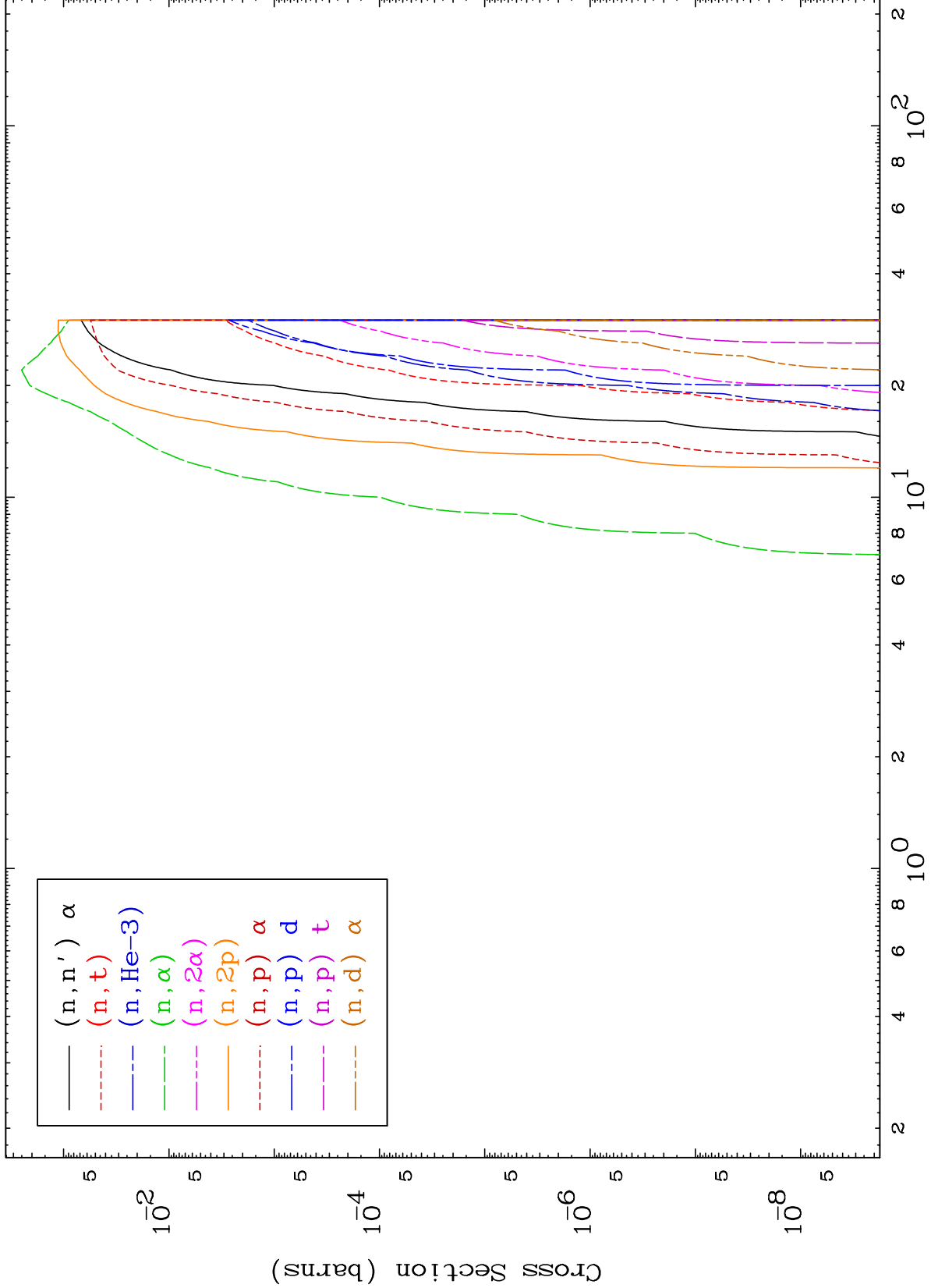
37-Rb-80



MAT 3710

α Charged Particle
0 Kelvin Cross Sections

37-Rb-80



6

Incident Energy (MeV)

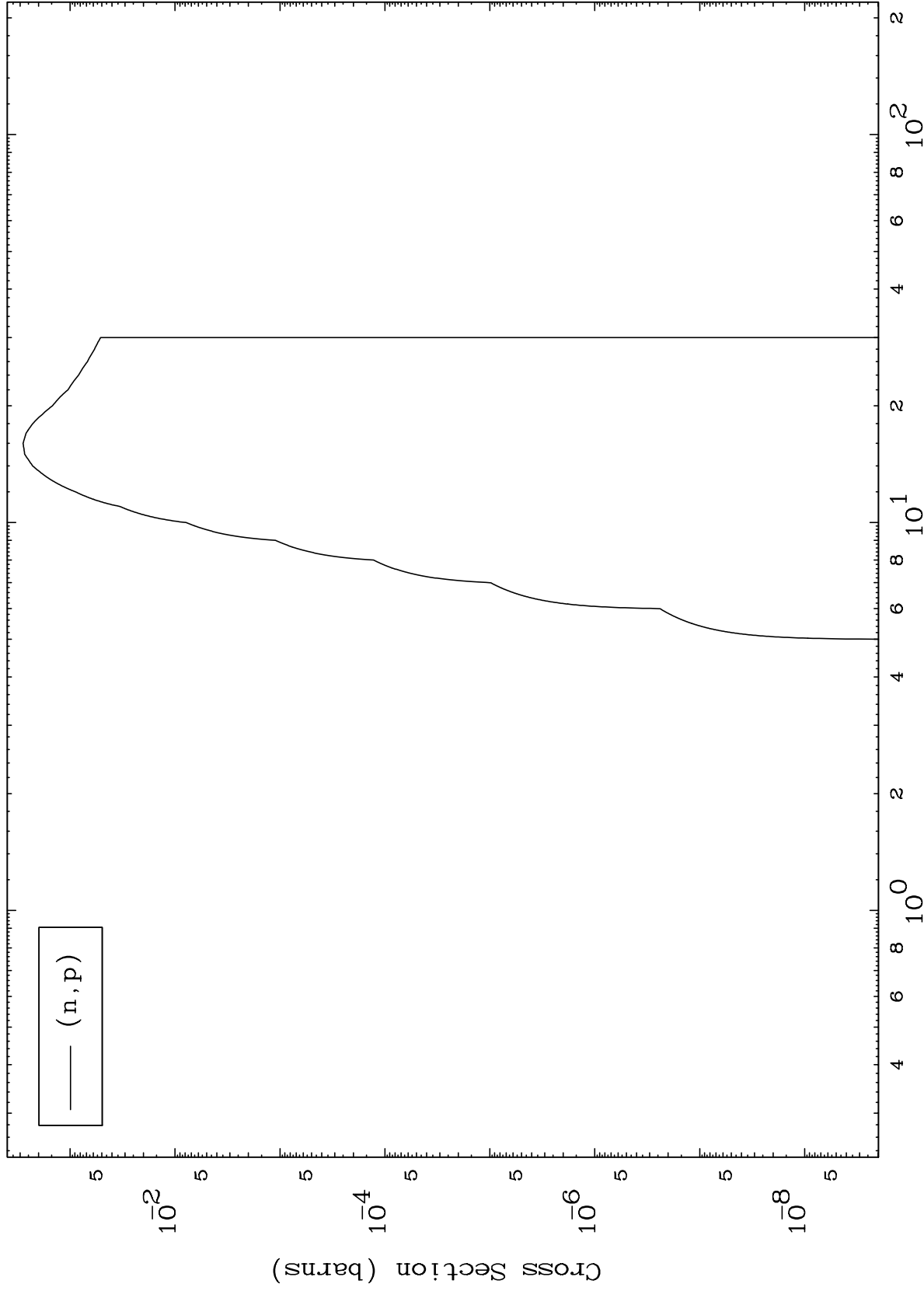
37-Rb-80

MAT 3710

(α, p) Levels

37-Rb-80

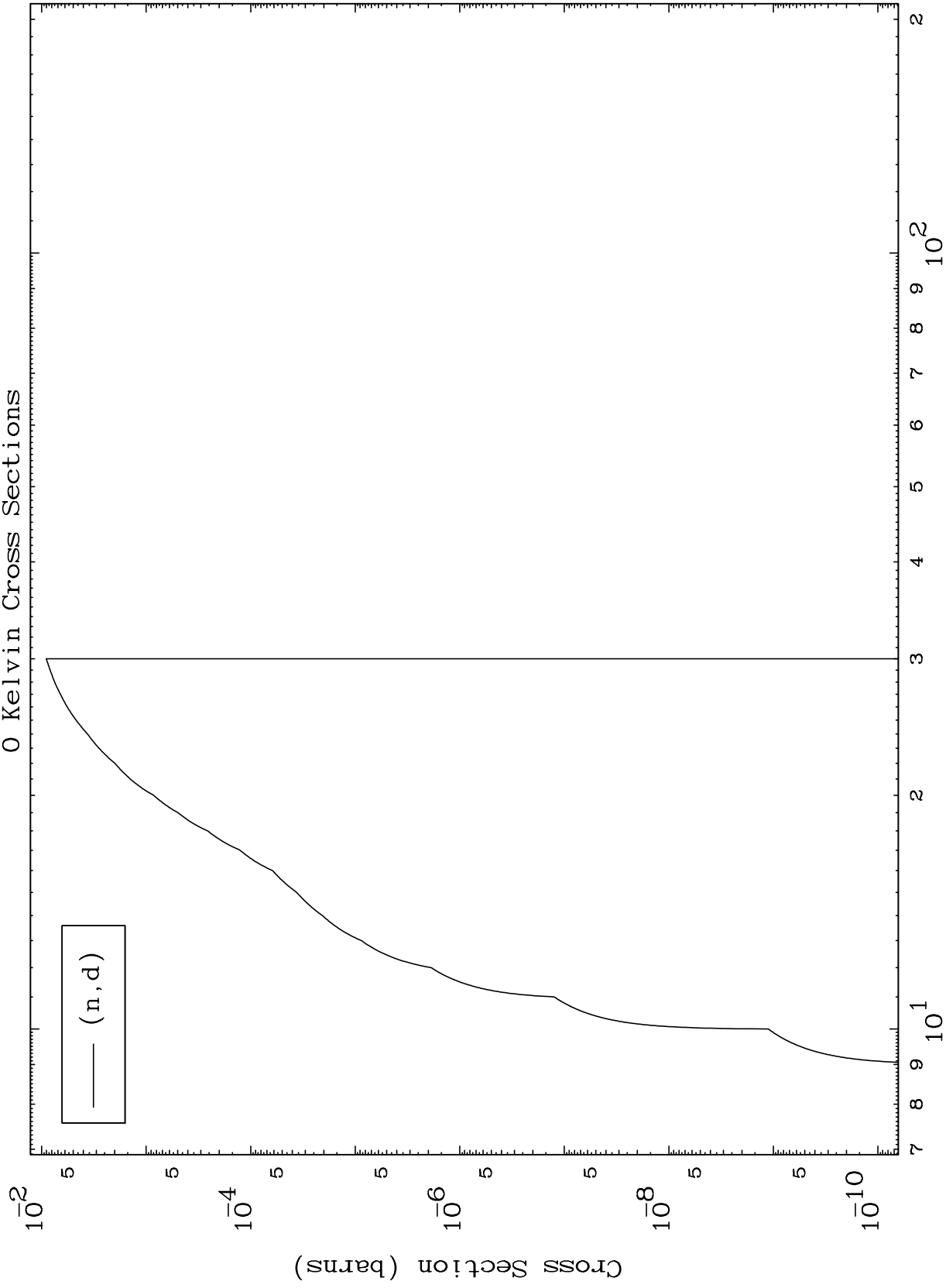
0 Kelvin Cross Sections



MAT 3710

(α, d) Levels
0 Kelvin Cross Sections

$^{37}\text{Rb-80}$



8

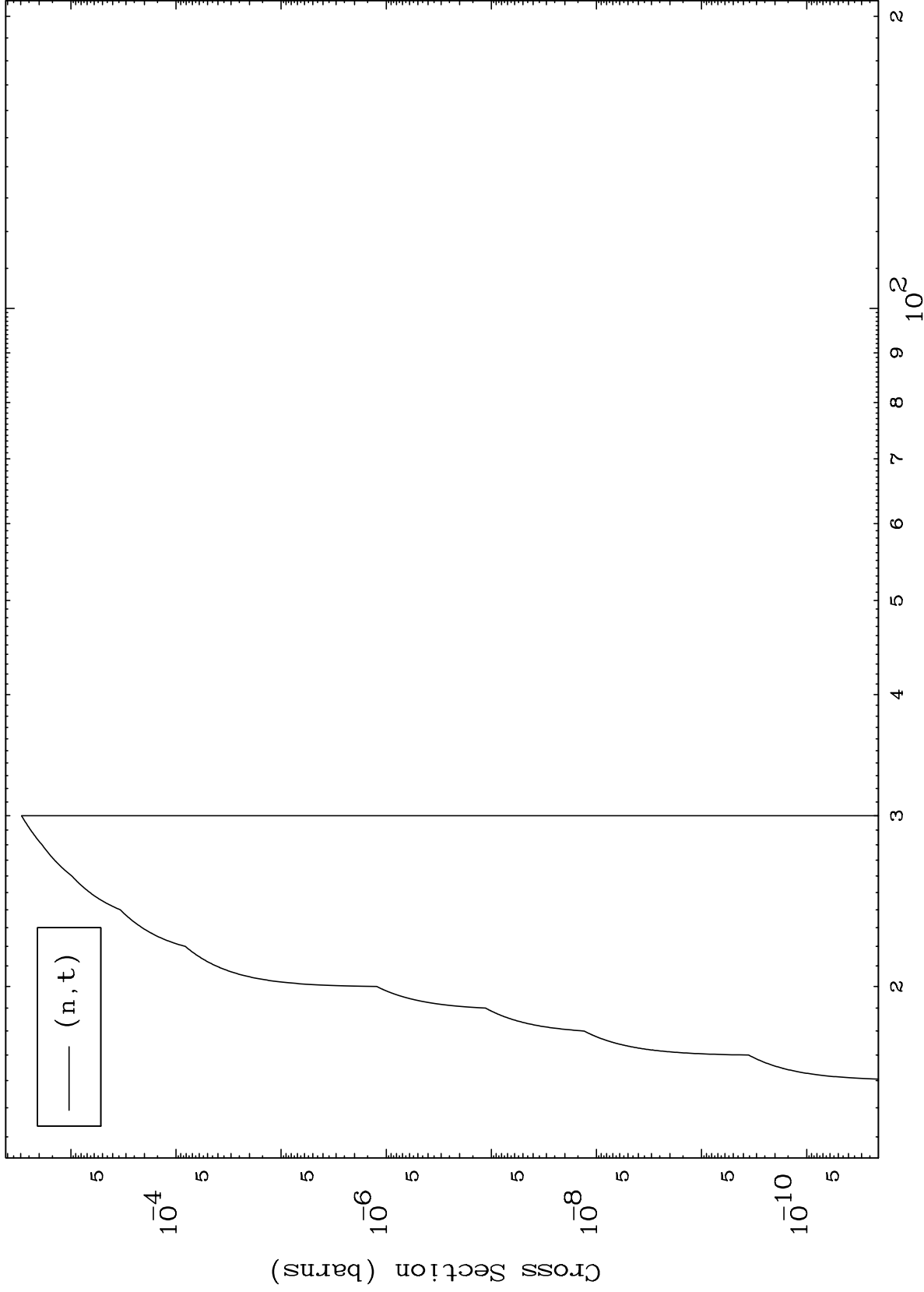
Incident Energy (MeV)

$^{37}\text{Rb-80}$

MAT 3710

(α, t) Levels
0 Kelvin Cross Sections

37-Rb-80



9

Incident Energy (MeV)

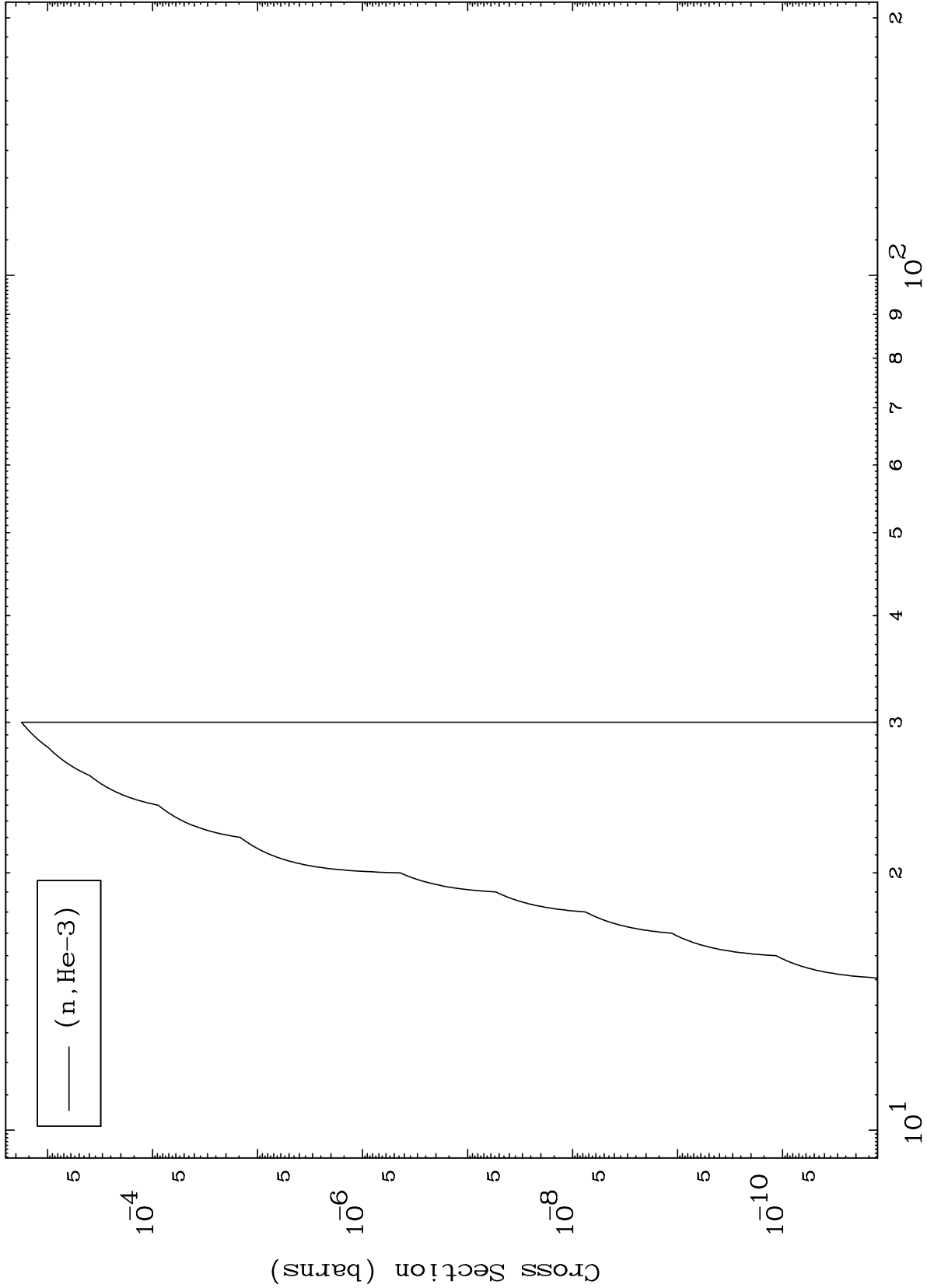
37-Rb-80

MAT 3710

($\alpha, \text{He}3$) Levels

37-Rb-80

0 Kelvin Cross Sections



(n, He-3)

Incident Energy (MeV)

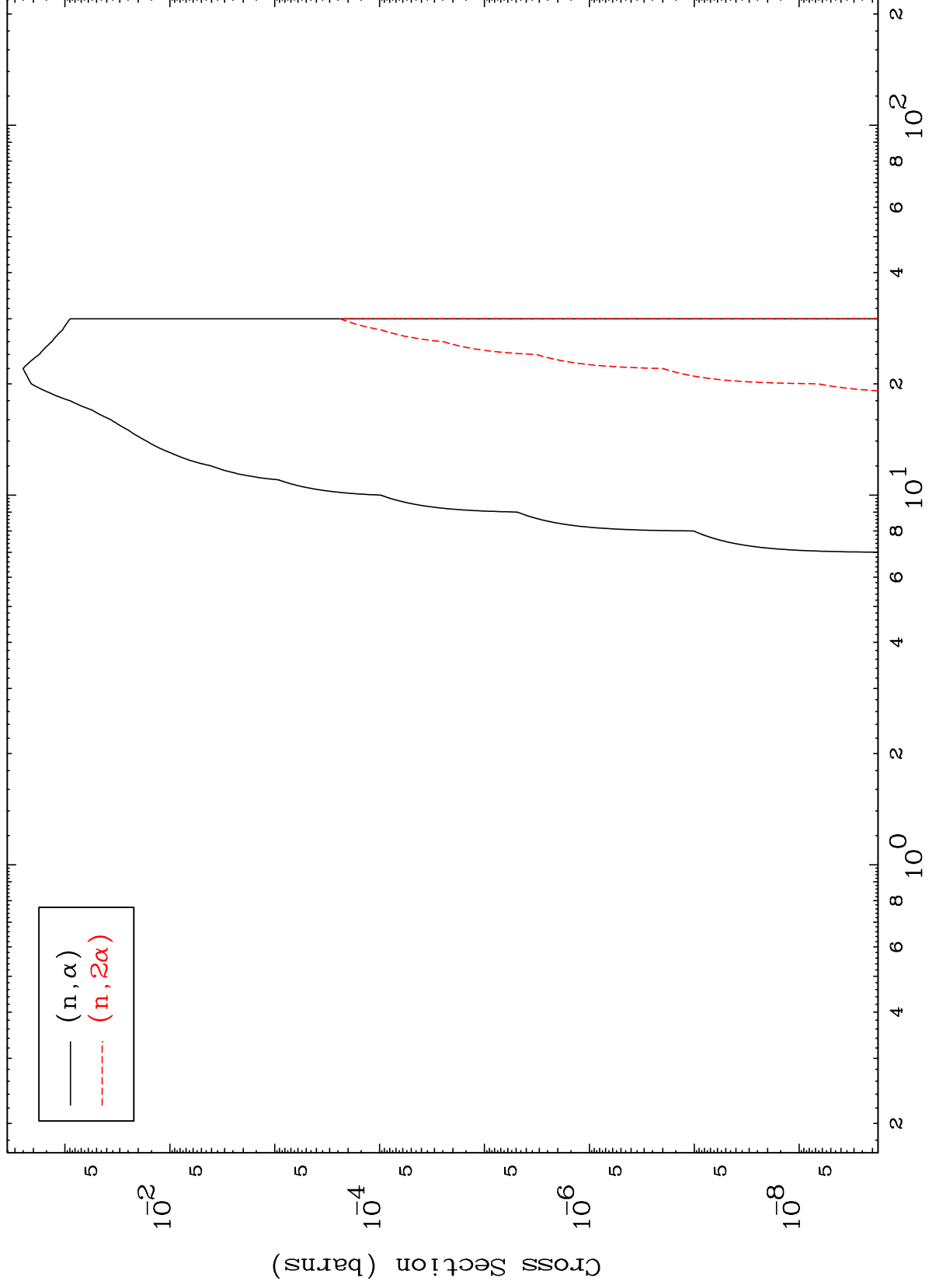
37-Rb-80

MAT 3710

(α, α) Levels

$^{37}\text{Rb-80}$

0 Kelvin Cross Sections



11

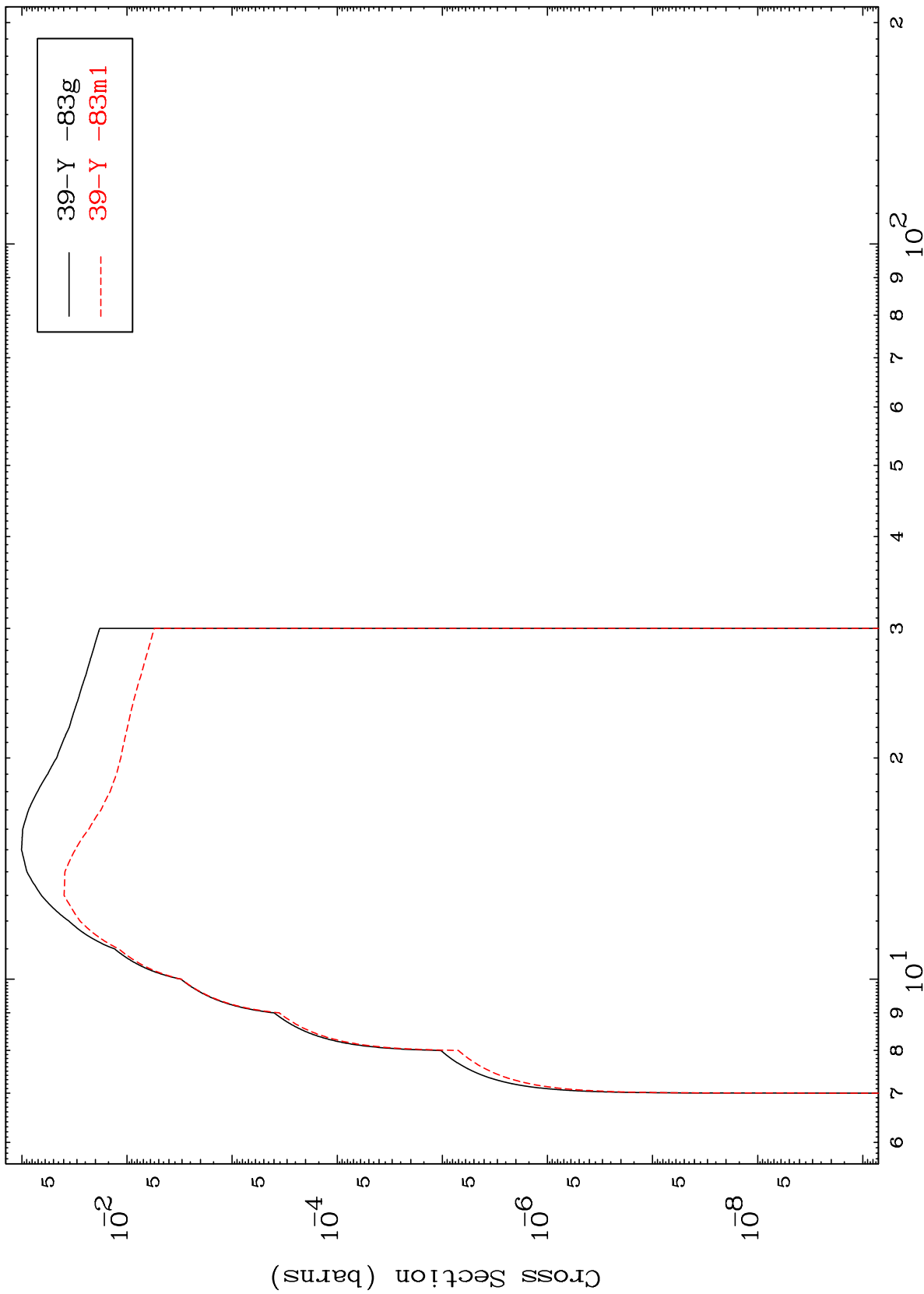
Incident Energy (MeV)

$^{37}\text{Rb-80}$

MAT 3710

37-Rb-80

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

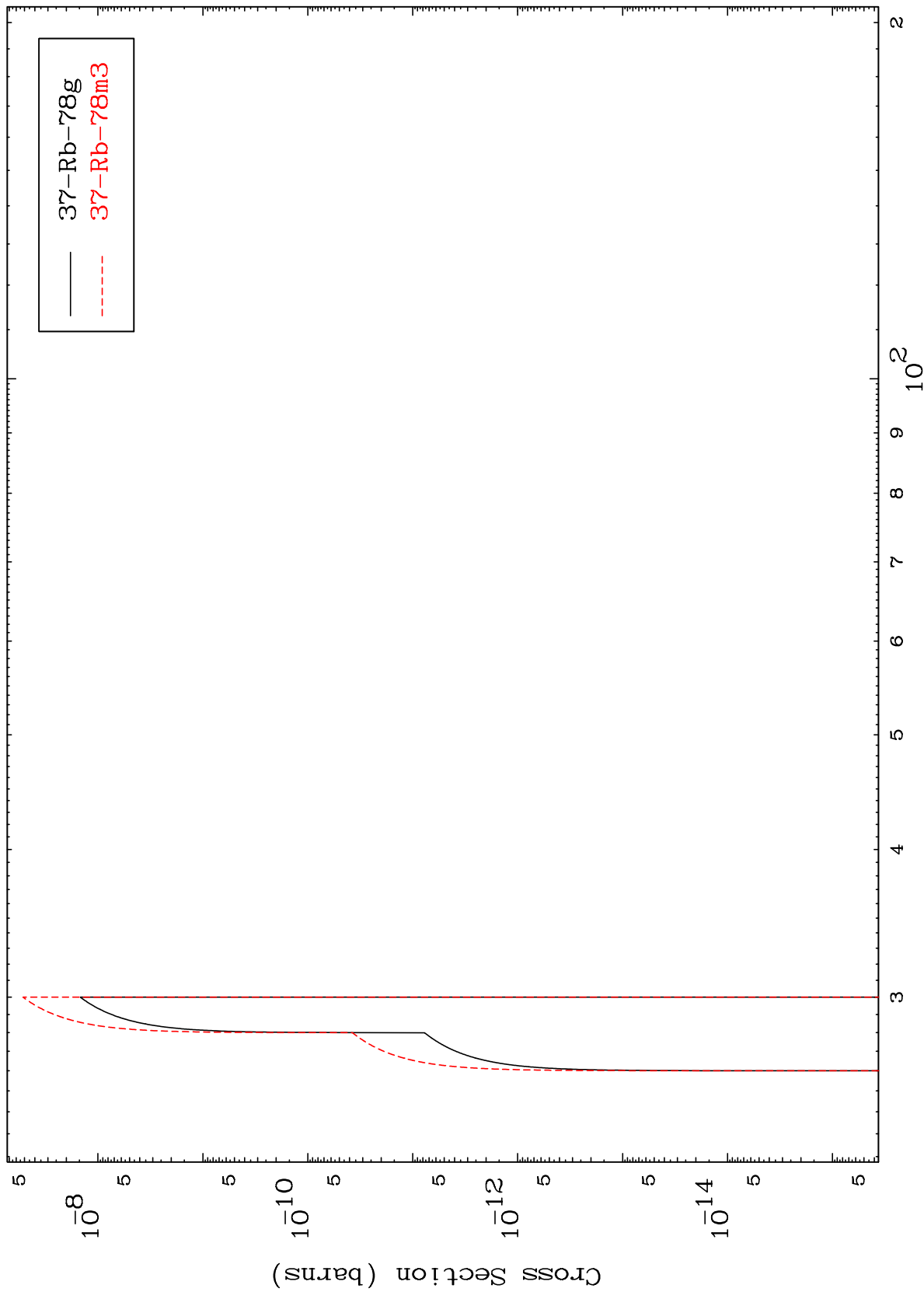
37-Rb-80

MAT 3710

$(n,2n) \alpha$

$^{37}\text{Rb-80}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

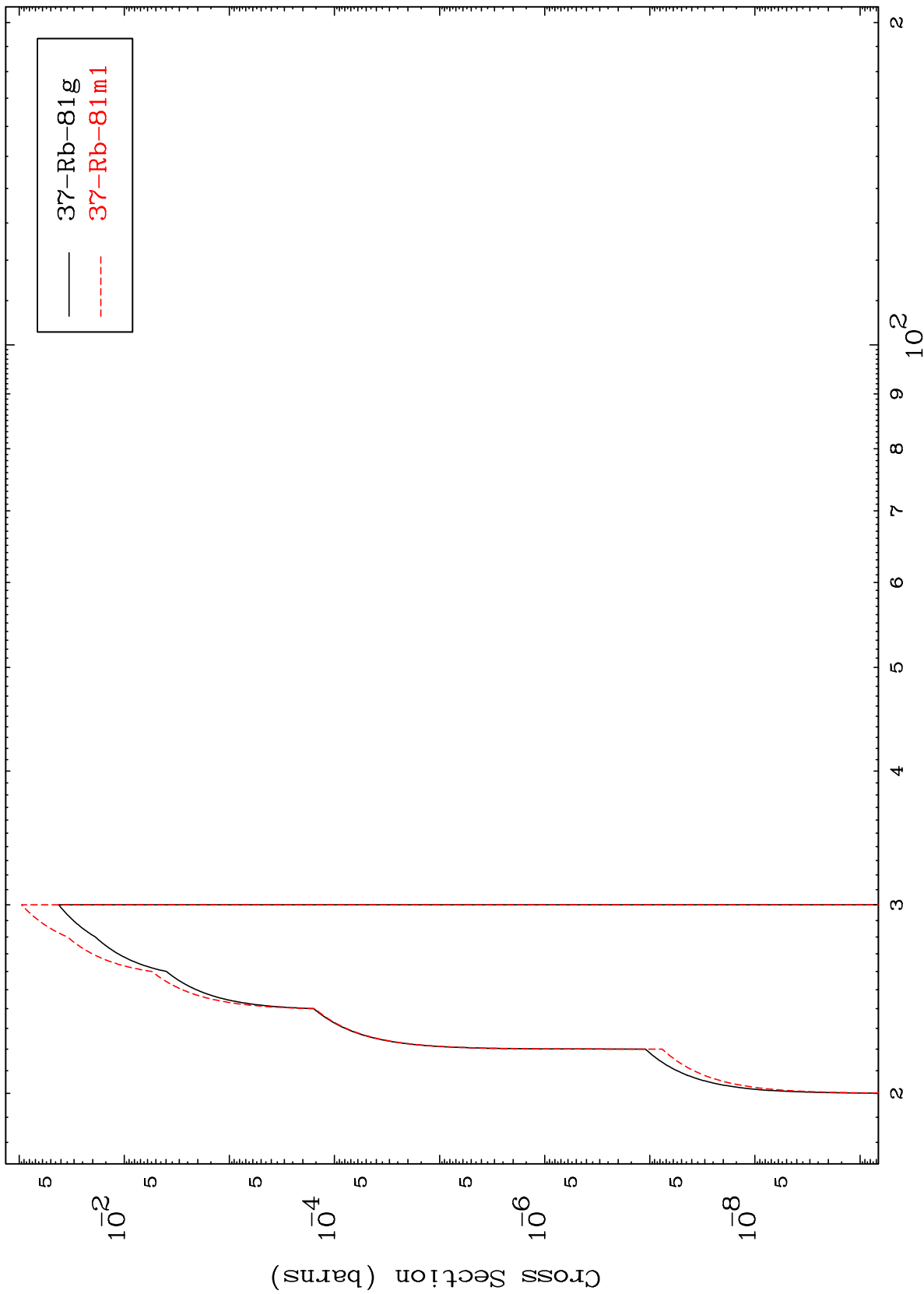
$^{37}\text{Rb-80}$

MAT 3710

(n,2n) p

37-Rb-80

Radionuclide Production Cross Section



14

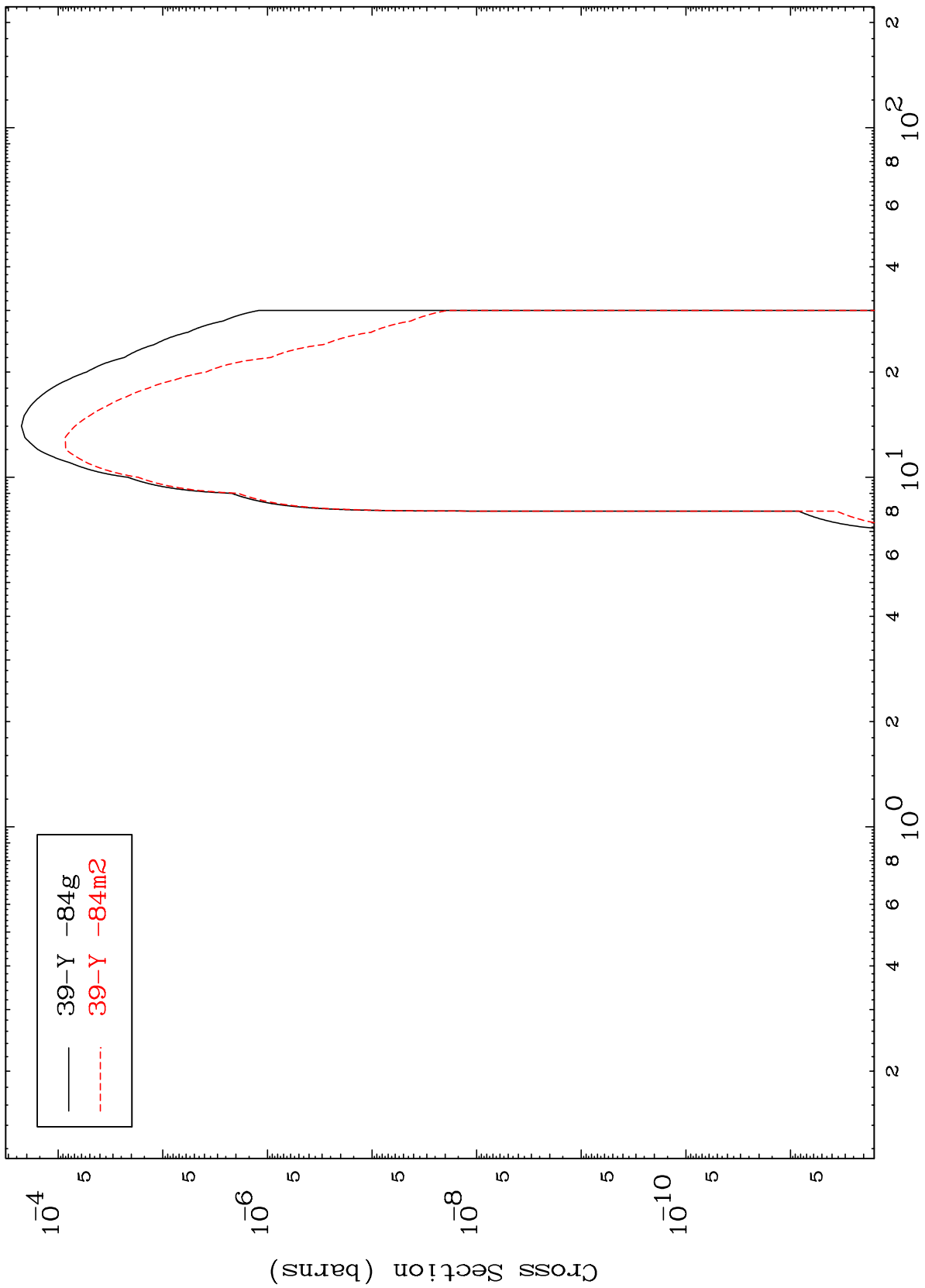
Incident Energy (MeV)

37-Rb-80

MAT 3710

37-Rb-80

(n, γ)
Radionuclide Production Cross Section



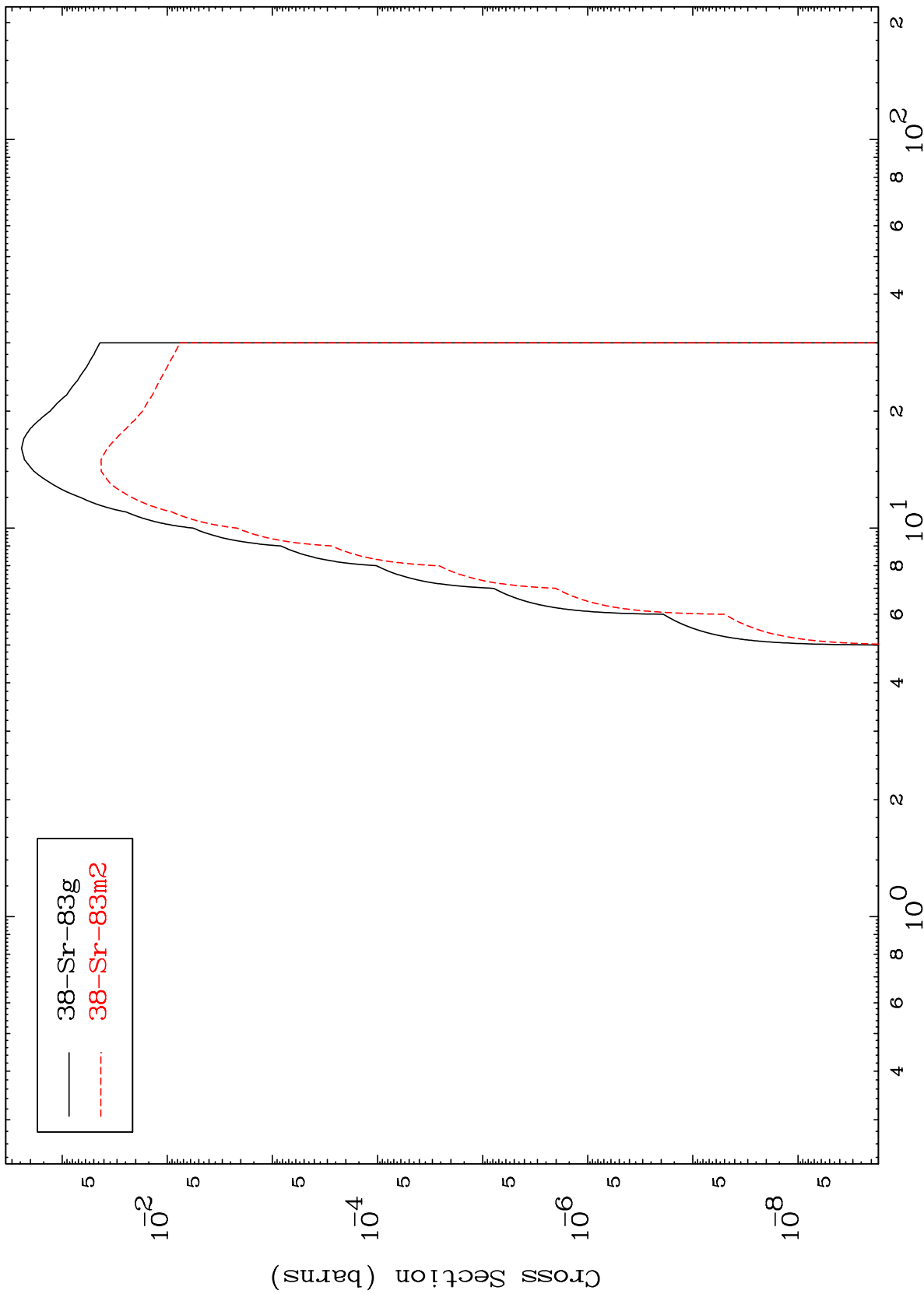
15

37-Rb-80

MAT 3710

³⁷Rb-80

(n,p)
Radionuclide Production Cross Section



— 38-Sr-83g
- - - 38-Sr-83m2

16

Incident Energy (MeV)

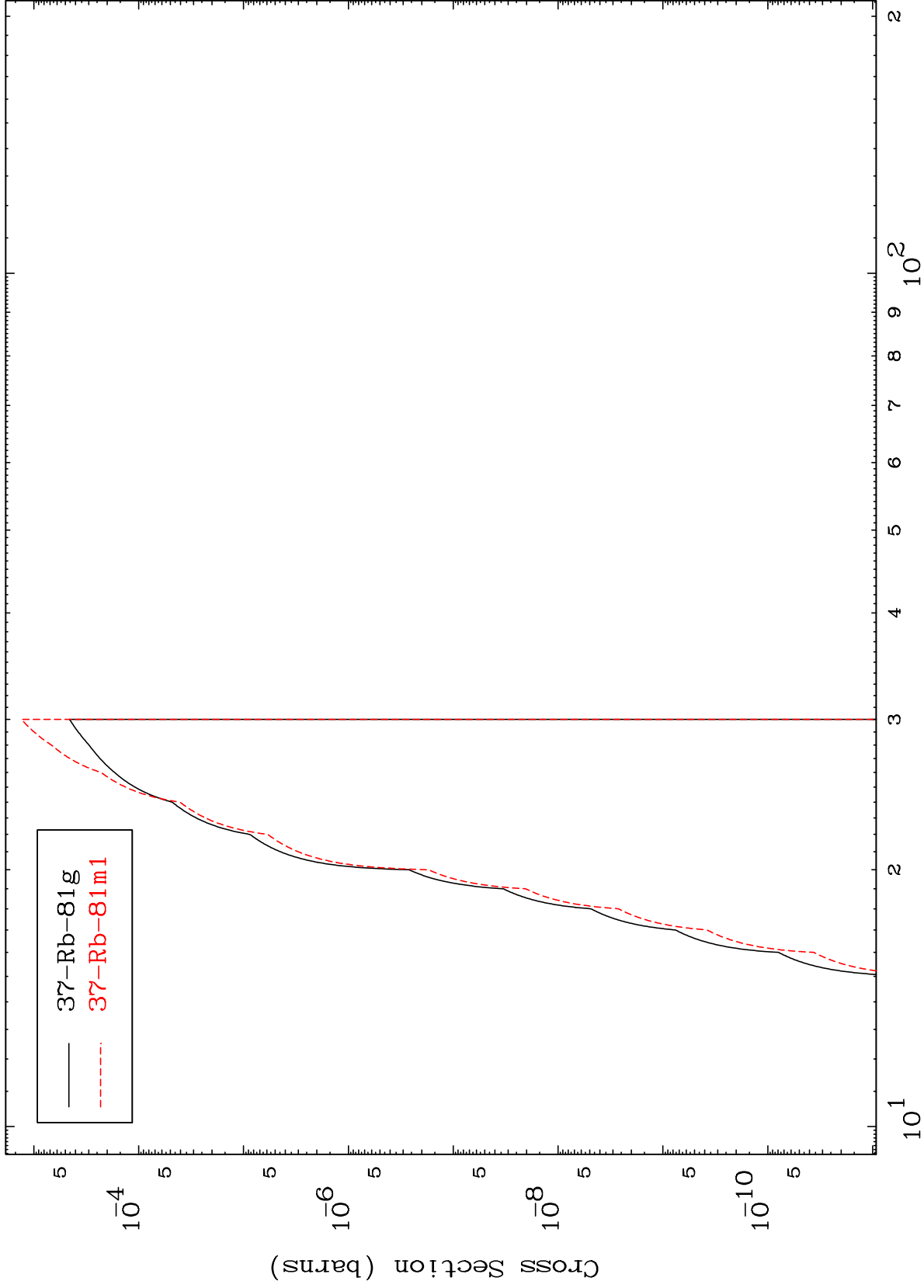
³⁷Rb-80

MAT 3710

(n,He-3)

37-Rb-80

Radionuclide Production Cross Section



17

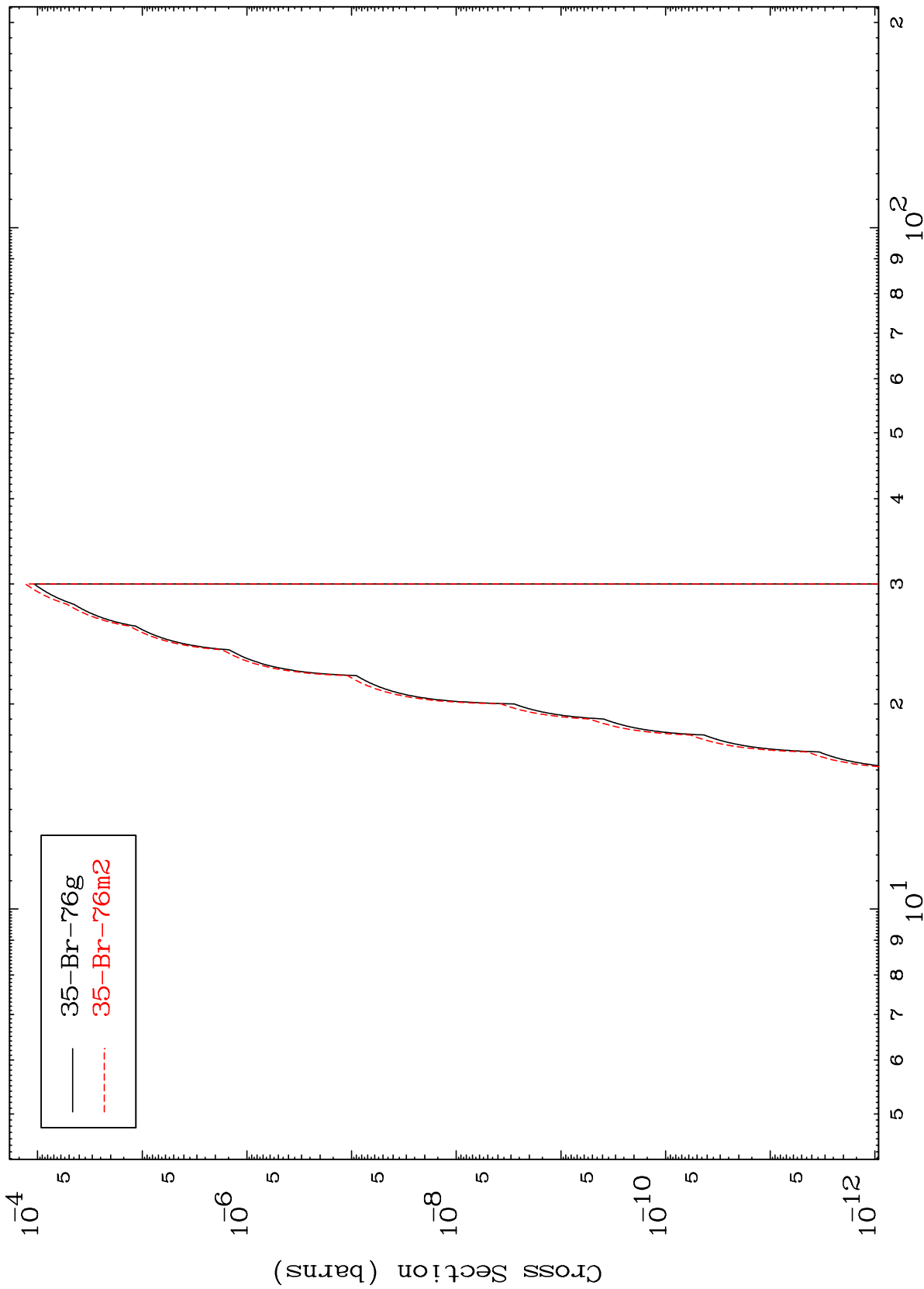
Incident Energy (MeV)

37-Rb-80

MAT 3710

37-Rb-80

Radionuclide Production Cross Section



Incident Energy (MeV)

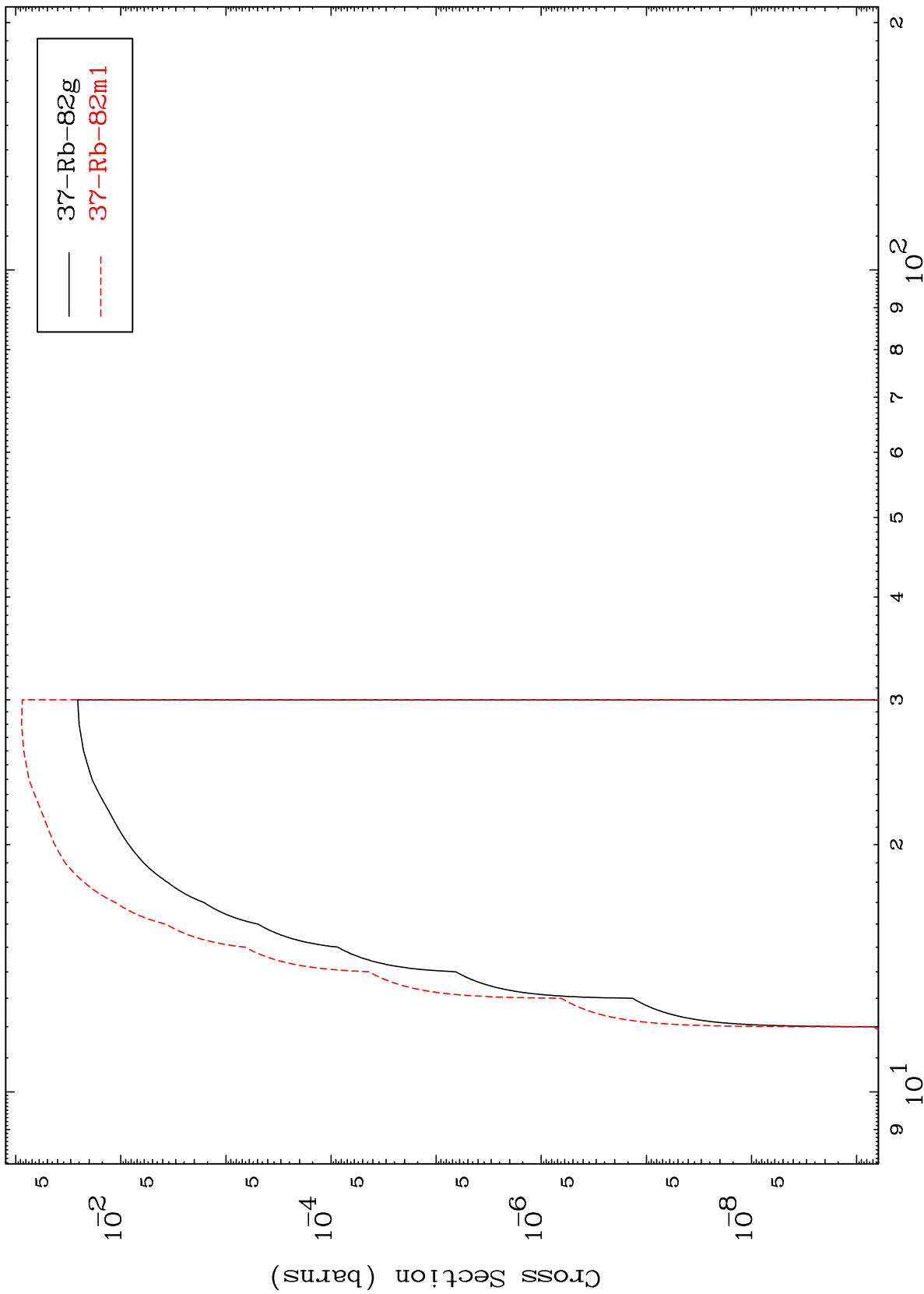
37-Rb-80

18

MAT 3710

³⁷Rb-80

(n,2p)
Radionuclide Production Cross Section



19

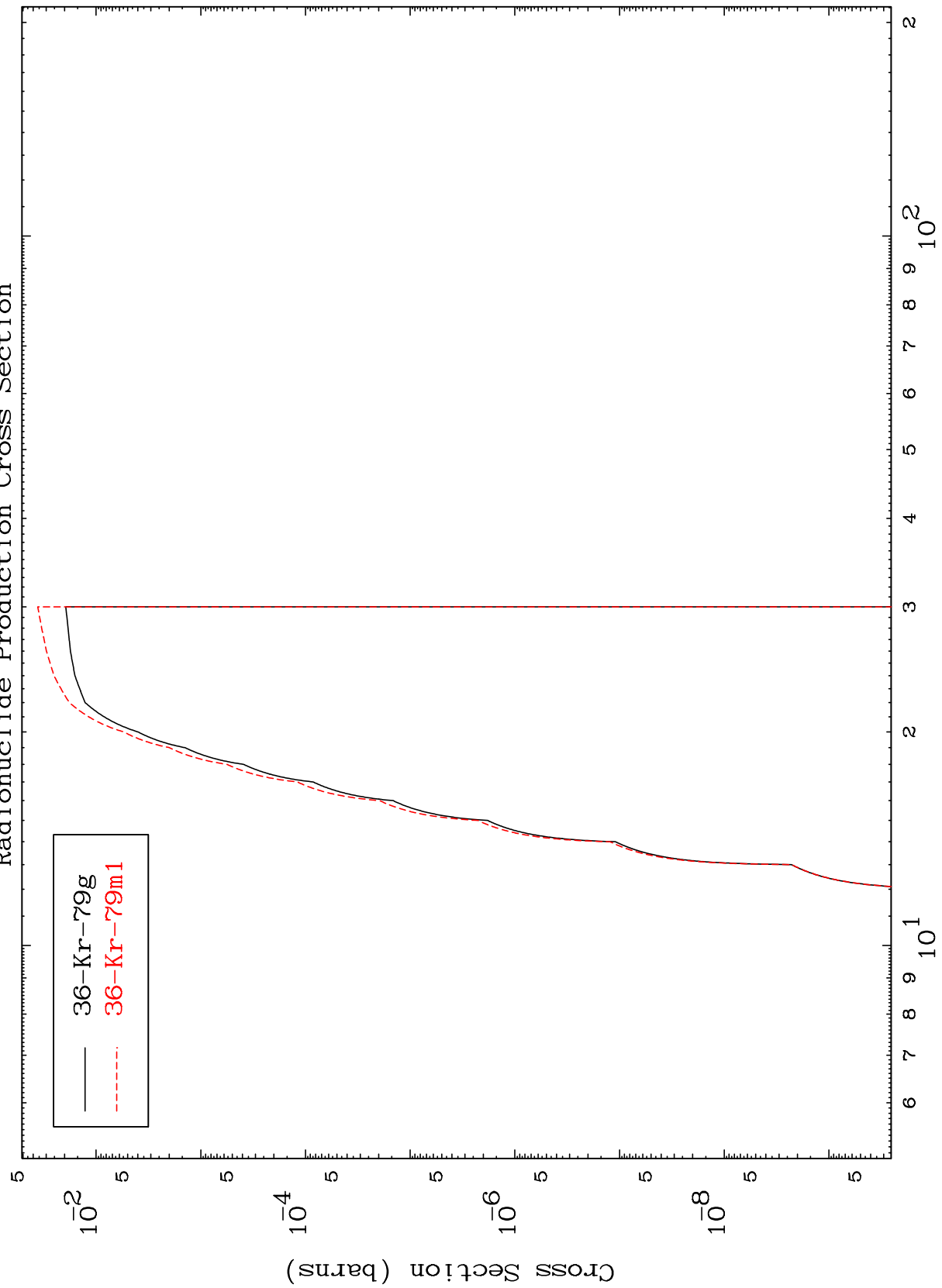
Incident Energy (MeV)

³⁷Rb-80

MAT 3710

37-Rb-80

(n,p) α
Radionuclide Production Cross Section



20

Incident Energy (MeV)

37-Rb-80

