

Program EVALPLOT
(Version 2021-1)

by

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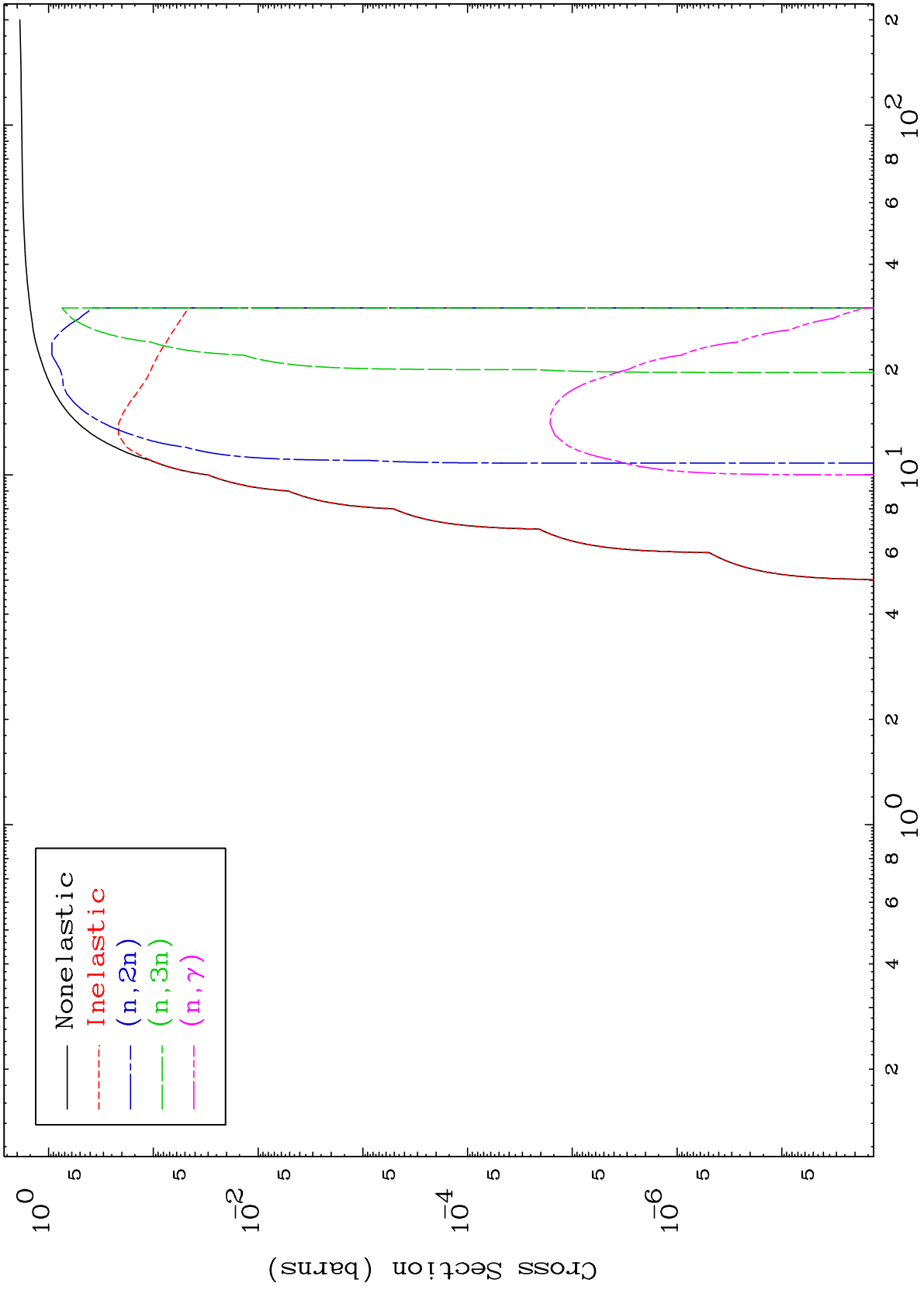
Press Mouse Button to Start

MAT 3646

α Major

36-Kr-85

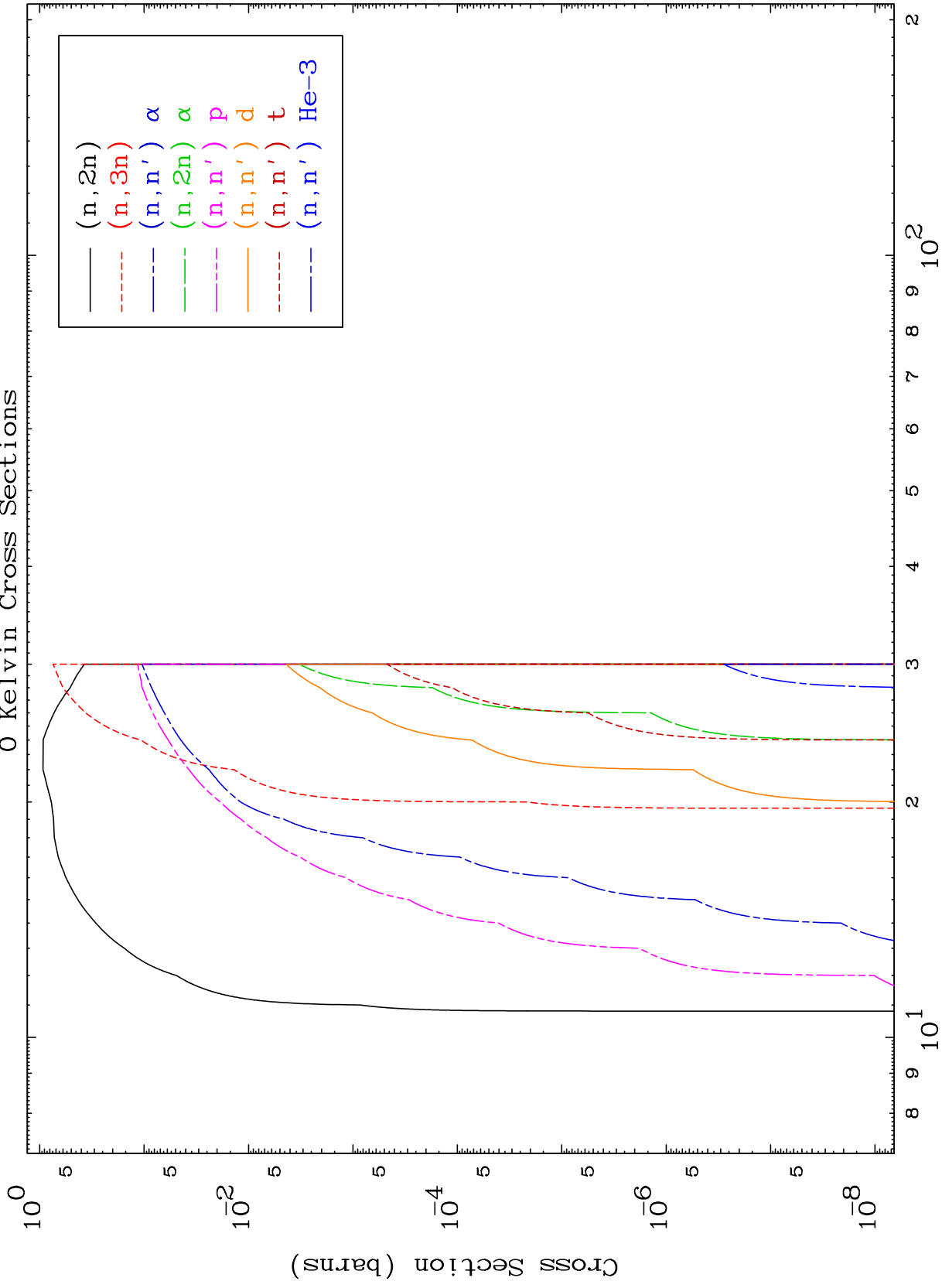
0 Kelvin Cross Sections



MAT 3646

α Neutron Absorption
0 Kelvin Cross Sections

36-Kr-85



2

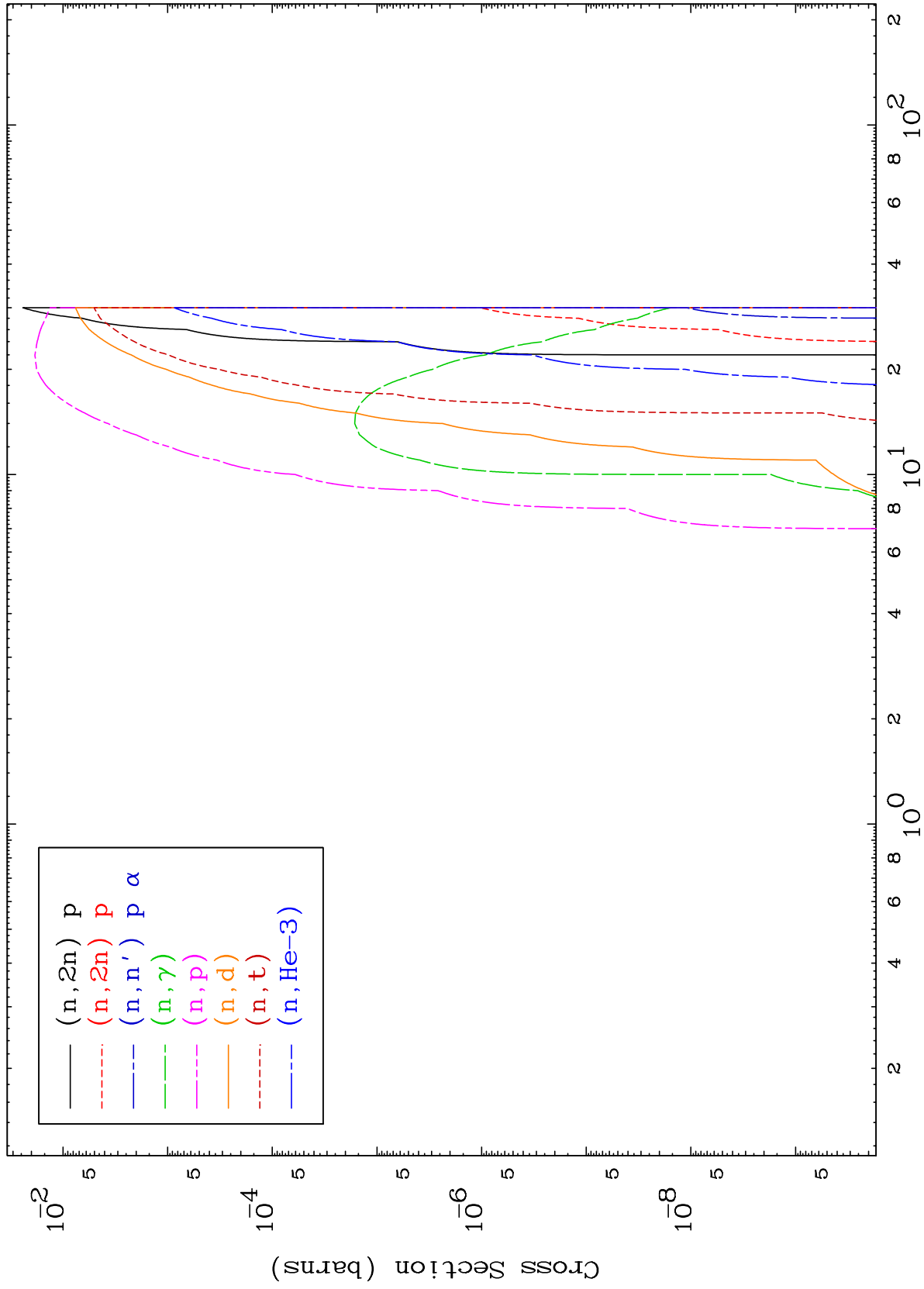
Incident Energy (MeV)

36-Kr-85

MAT 3646

α Neutron Absorption
0 Kelvin Cross Sections

36-Kr-85



3

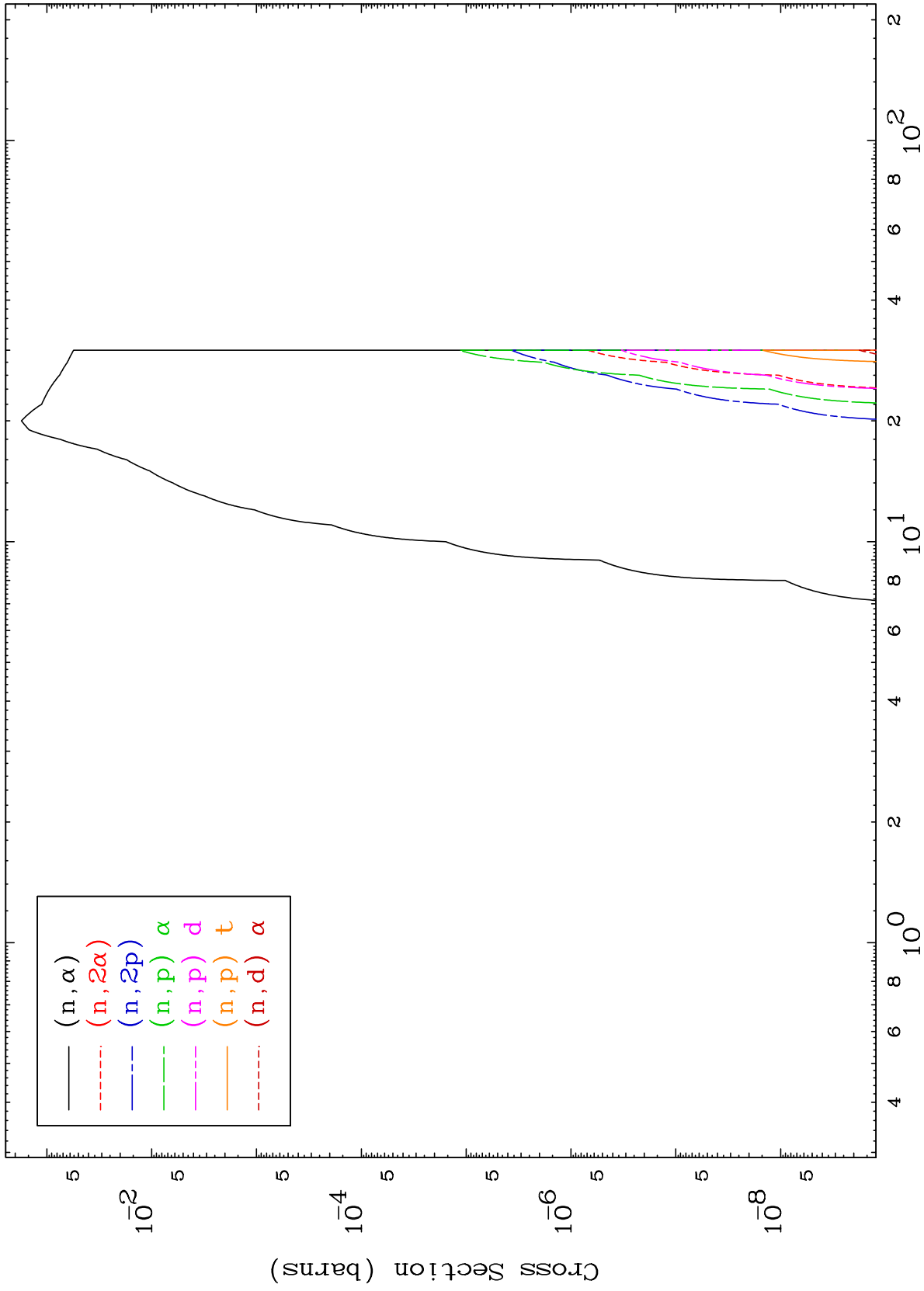
Incident Energy (MeV)

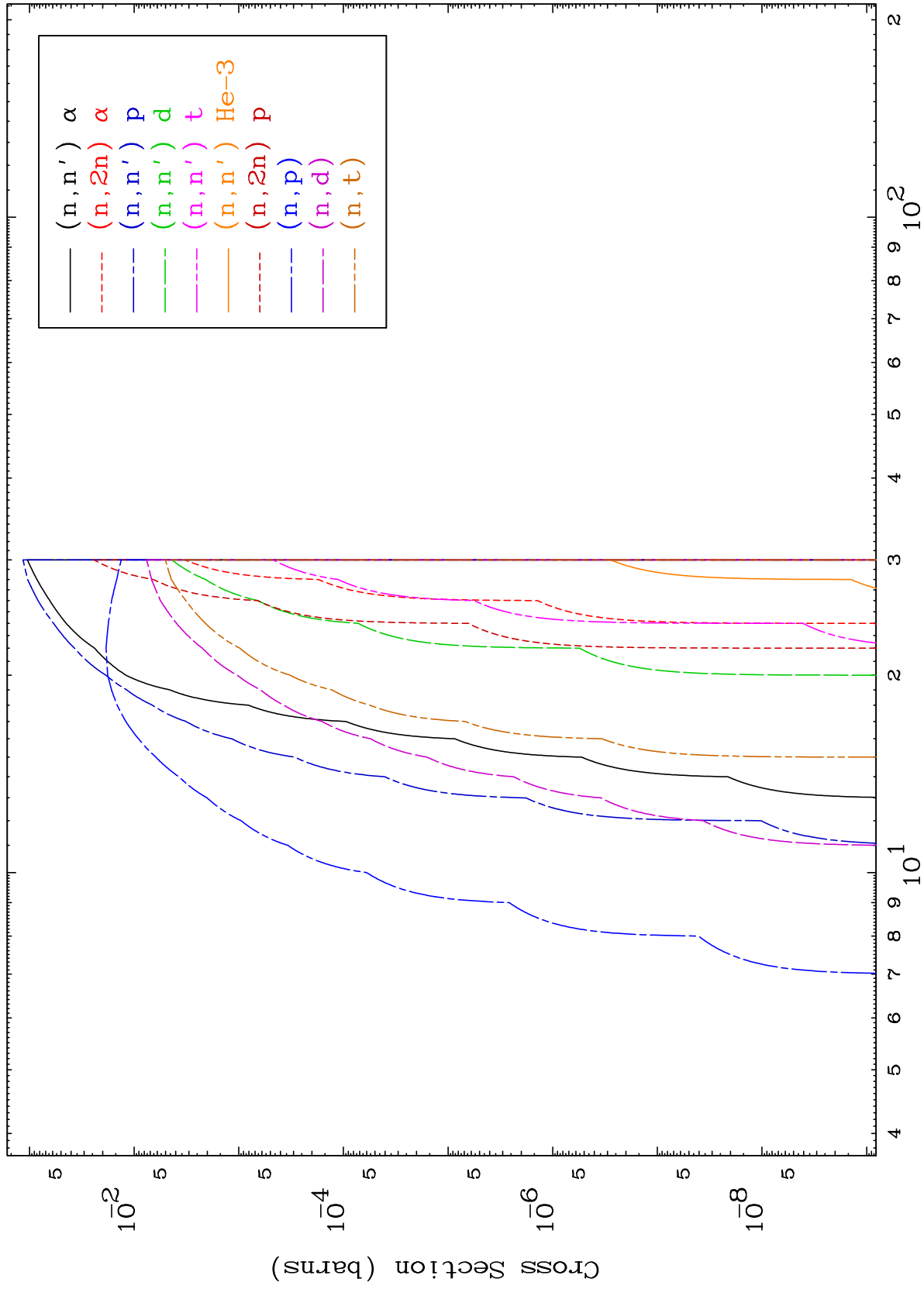
36-Kr-85

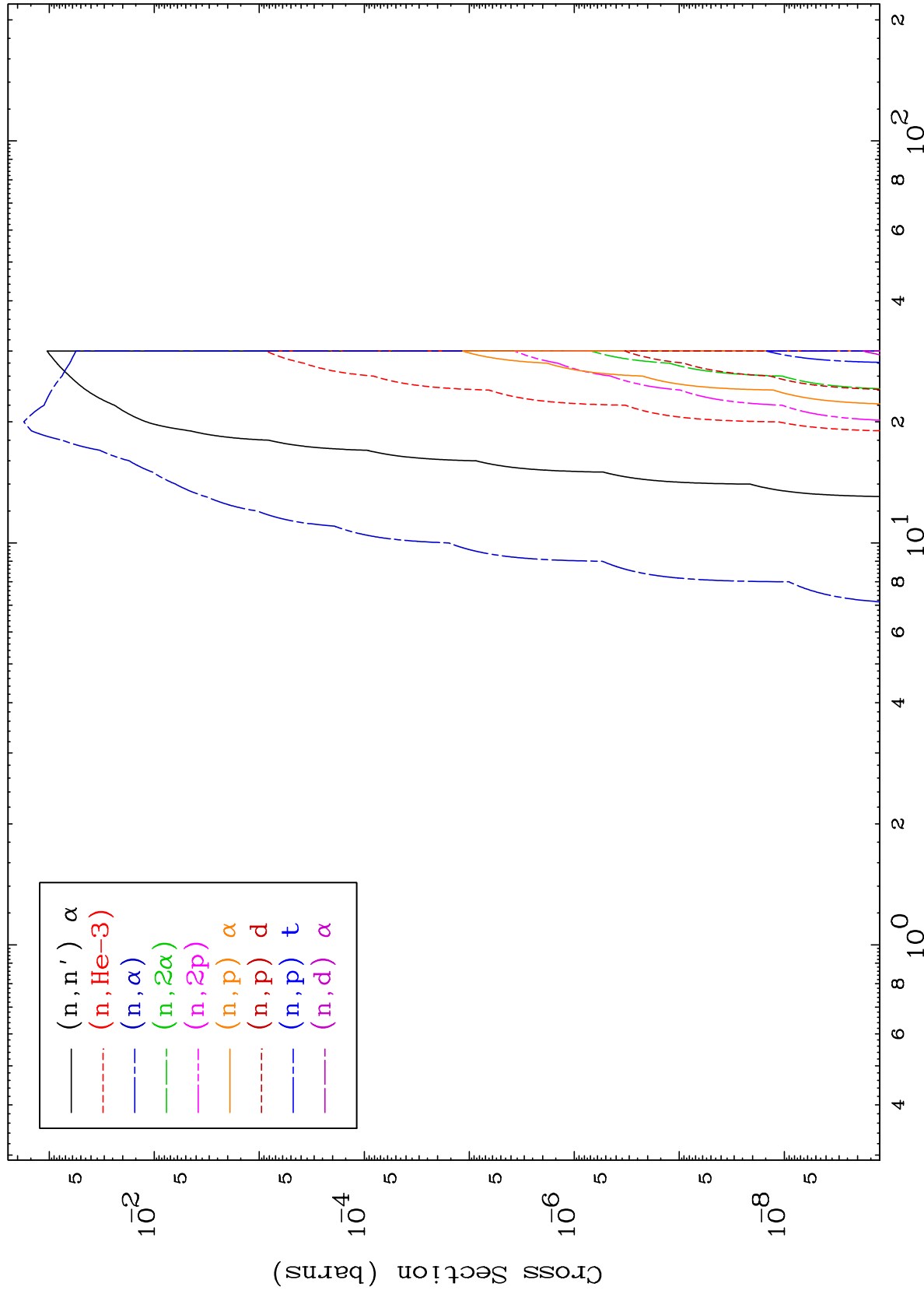
MAT 3646

α Neutron Absorption
0 Kelvin Cross Sections

36-Kr-85



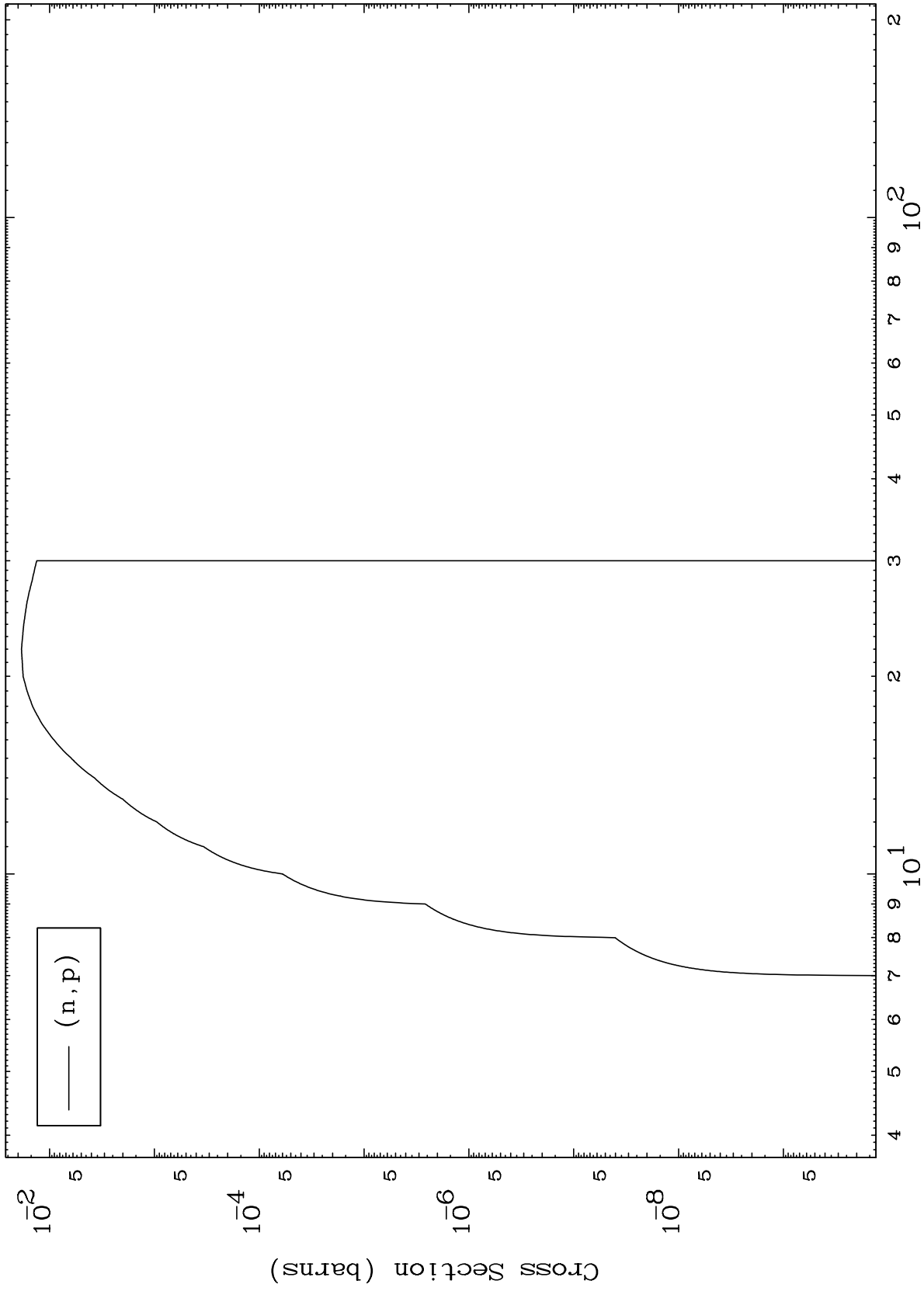




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36-Kr-85

(α, p) Levels
0 Kelvin Cross Sections



7

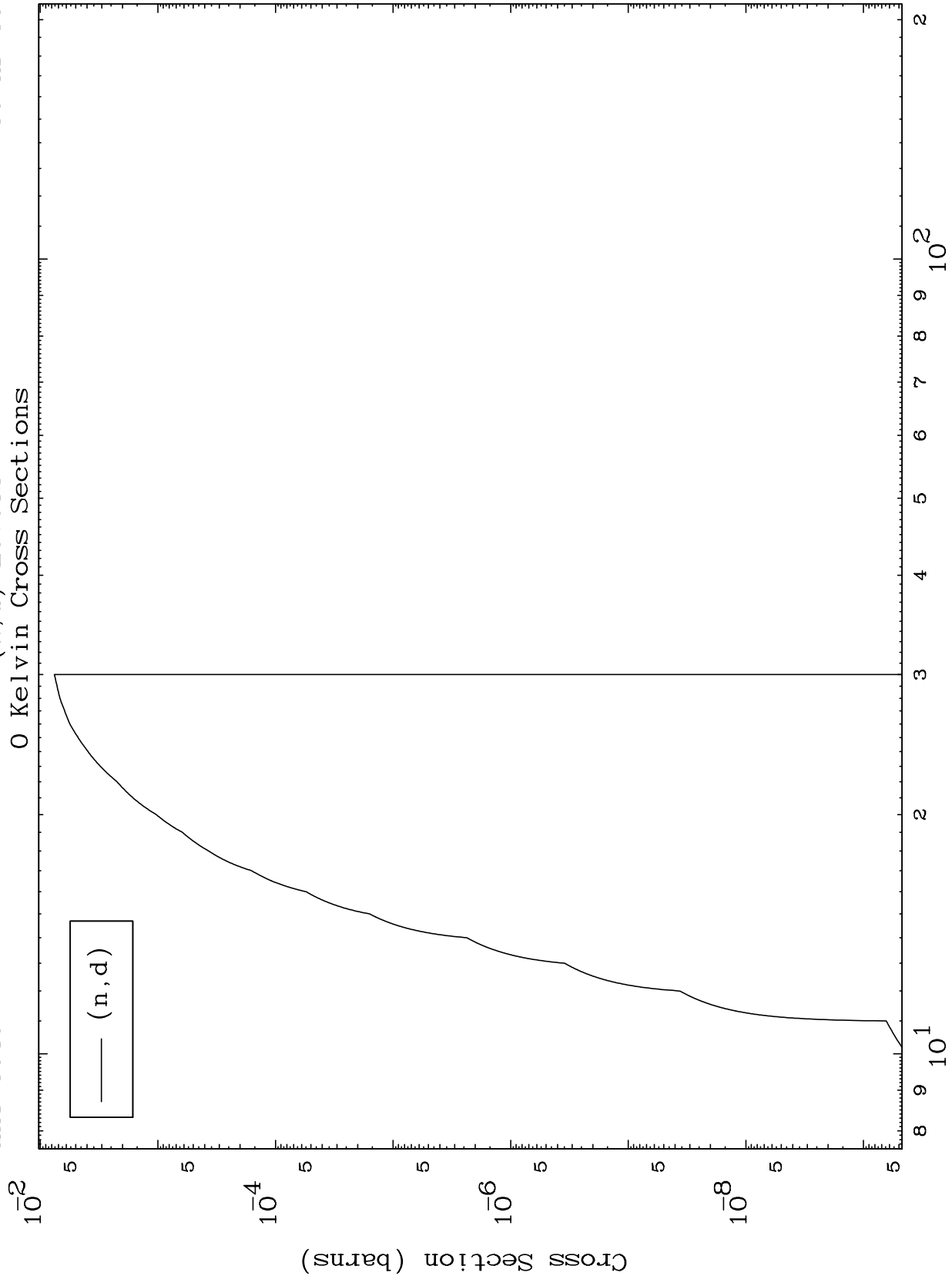
Incident Energy (MeV)

36-Kr-85

MAT 3646

(α, d) Levels
0 Kelvin Cross Sections

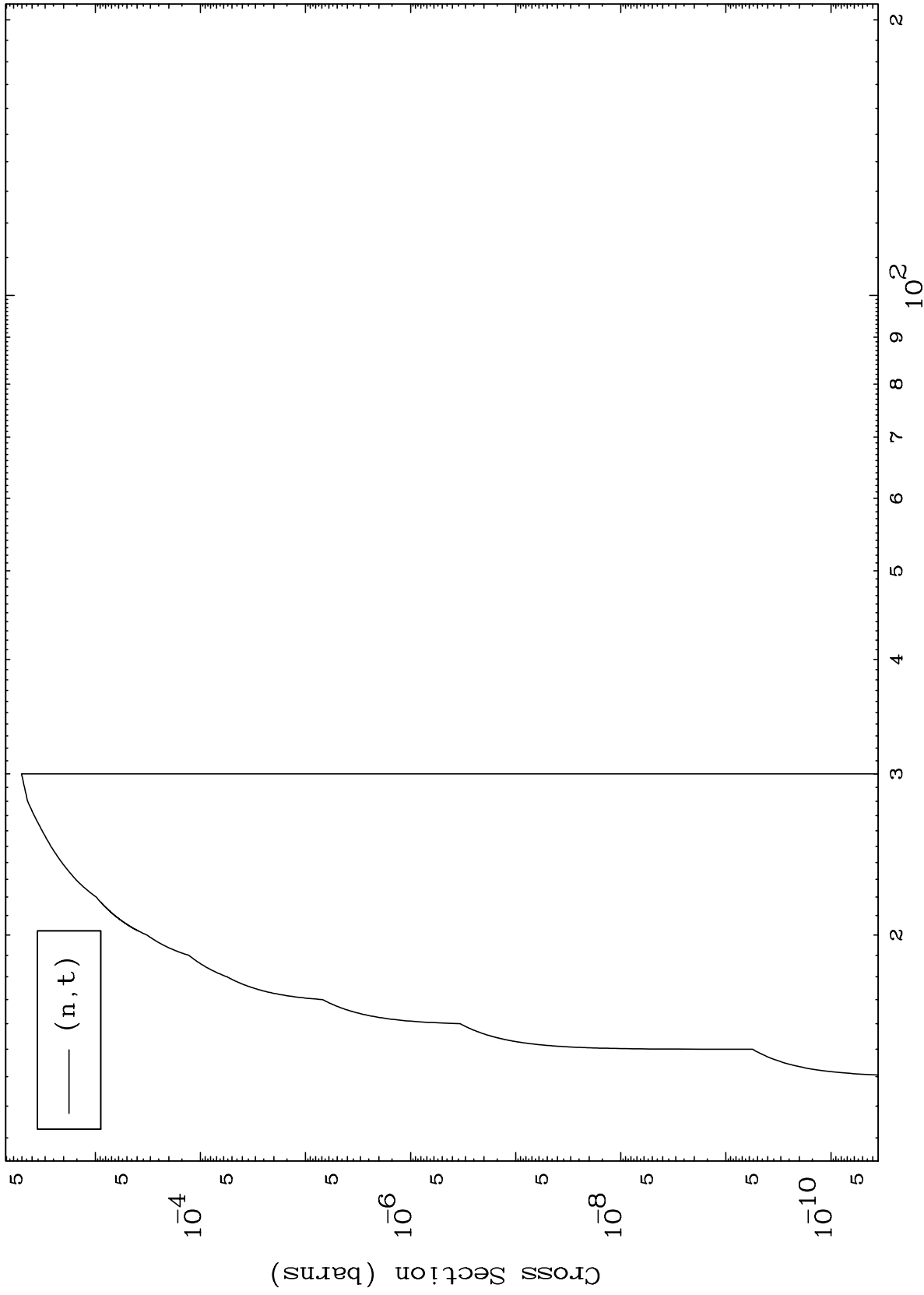
36-Kr-85



8

Incident Energy (MeV)

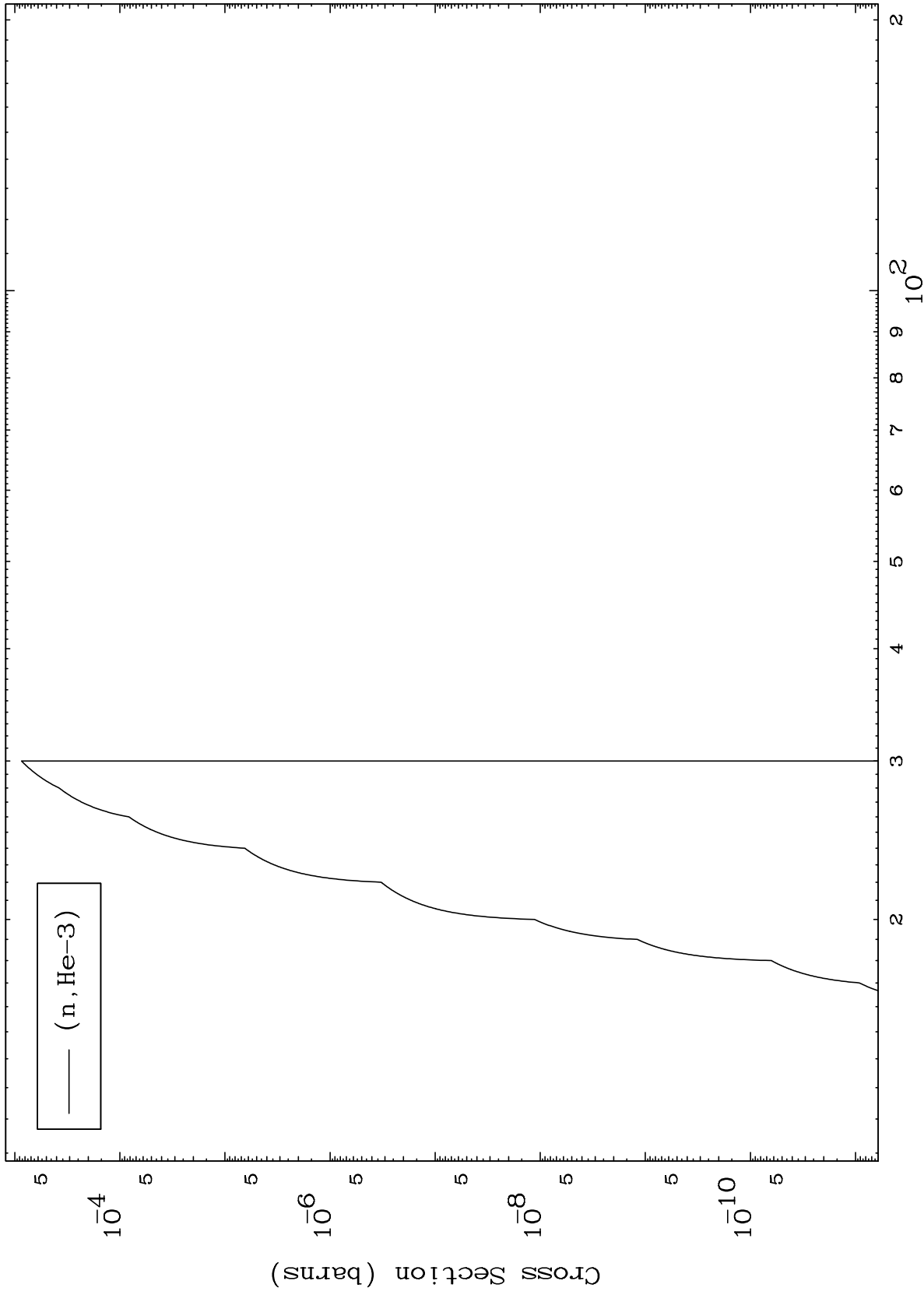
36-Kr-85



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

36-Kr-85



10

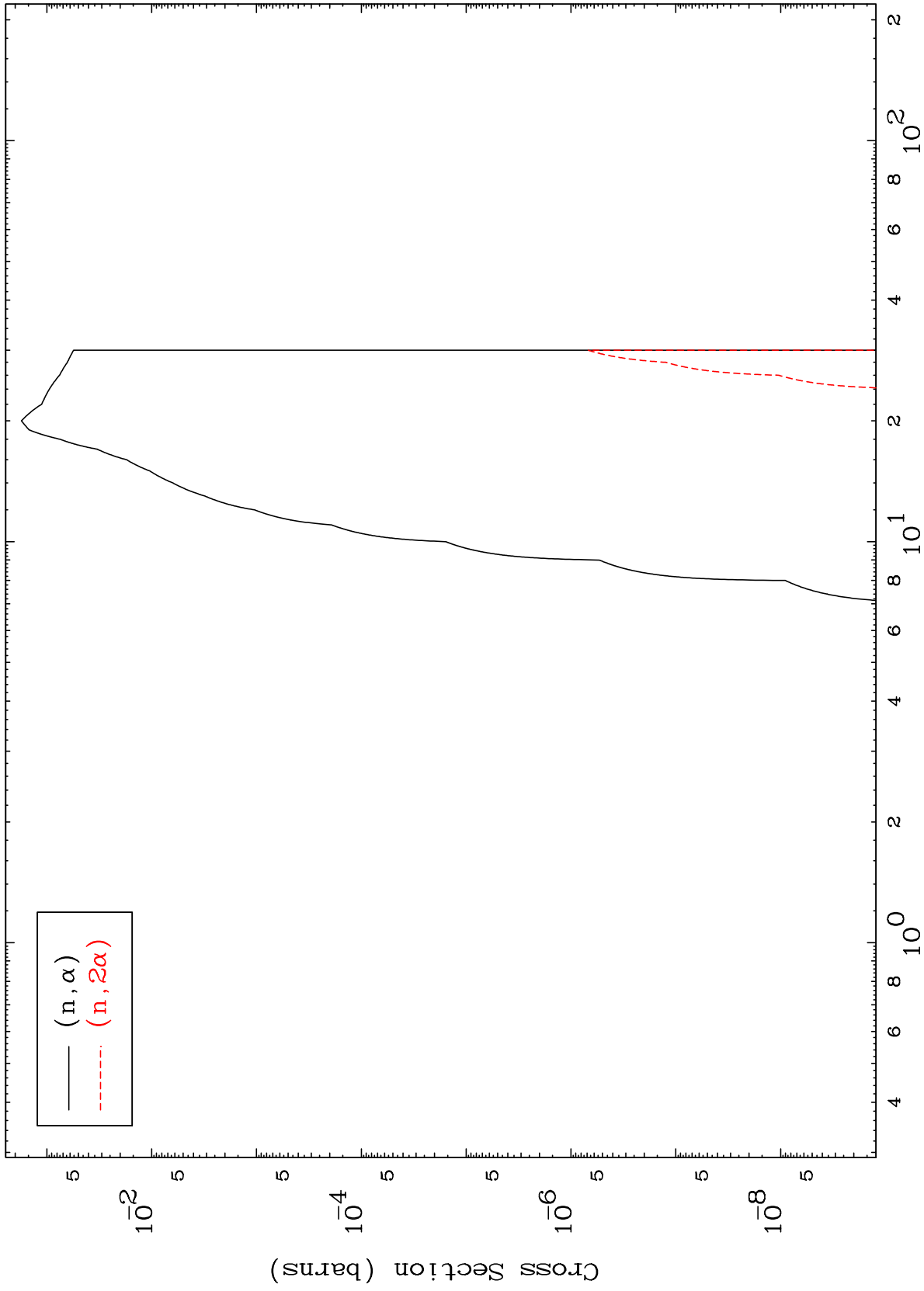
Incident Energy (MeV)

36-Kr-85

MAT 3646

(α, α) Levels
0 Kelvin Cross Sections

36-Kr-85



11

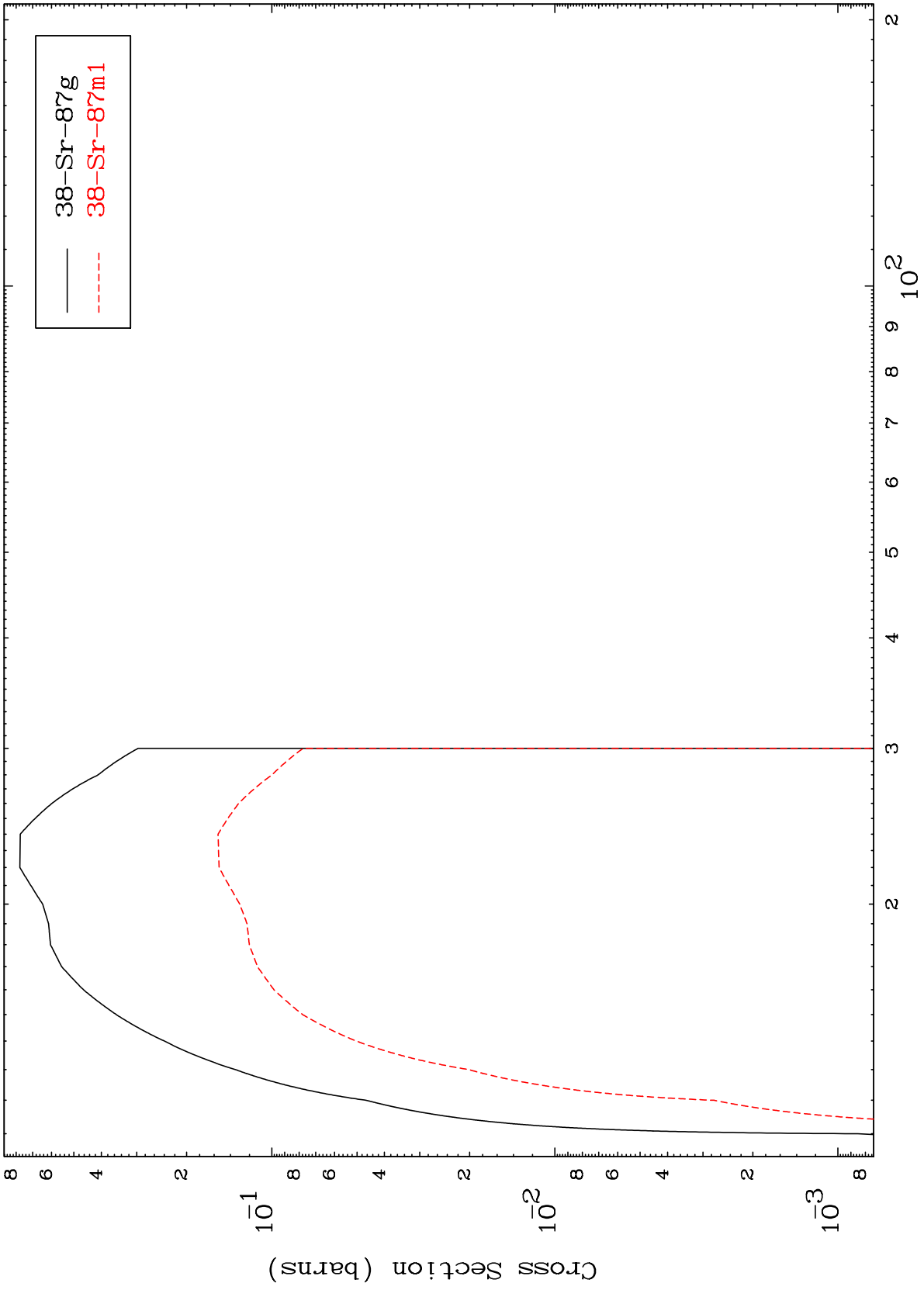
Incident Energy (MeV)

36-Kr-85

MAT 3646

36-Kr-85

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

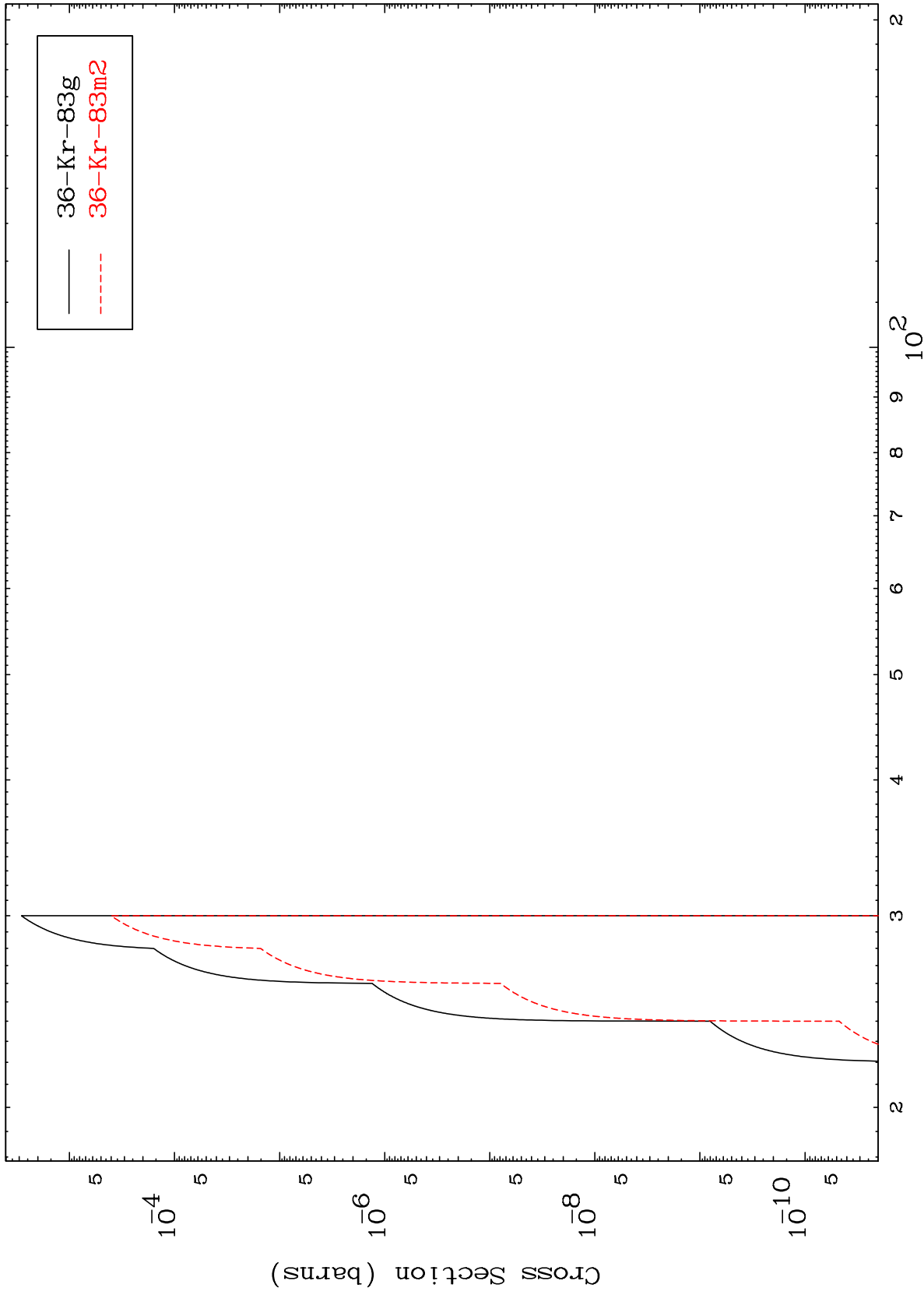
36-Kr-85

MAT 3646

(n,2n) α

36-Kr-85

Radionuclide Production Cross Section



13

Incident Energy (MeV)

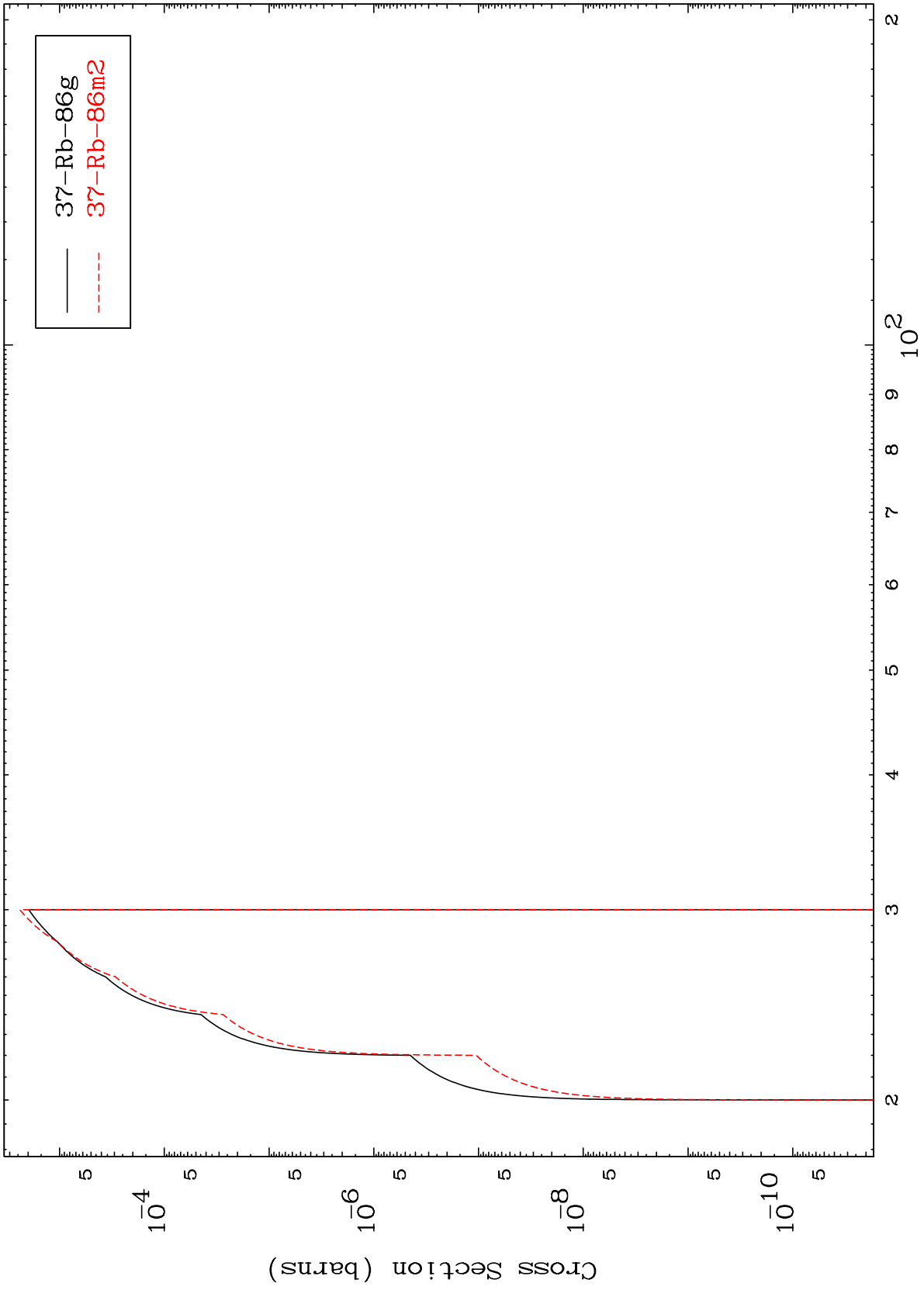
36-Kr-85

MAT 3646

(n,n') d

36-Kr-85

Radionuclide Production Cross Section



14

Incident Energy (MeV)

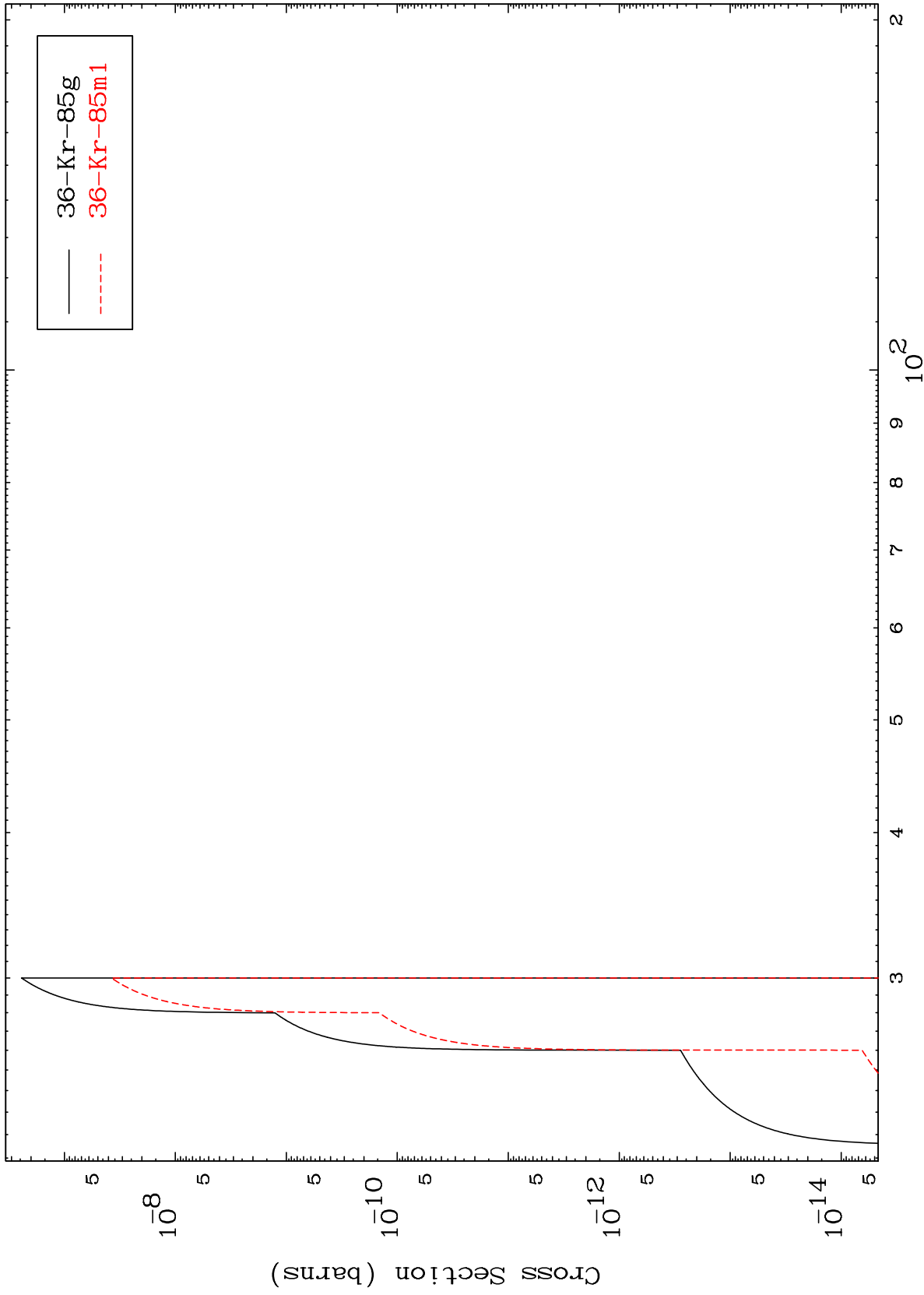
36-Kr-85

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(n, n') He-3

³⁶Kr-85

Radionuclide Production Cross Section



15

Incident Energy (MeV)

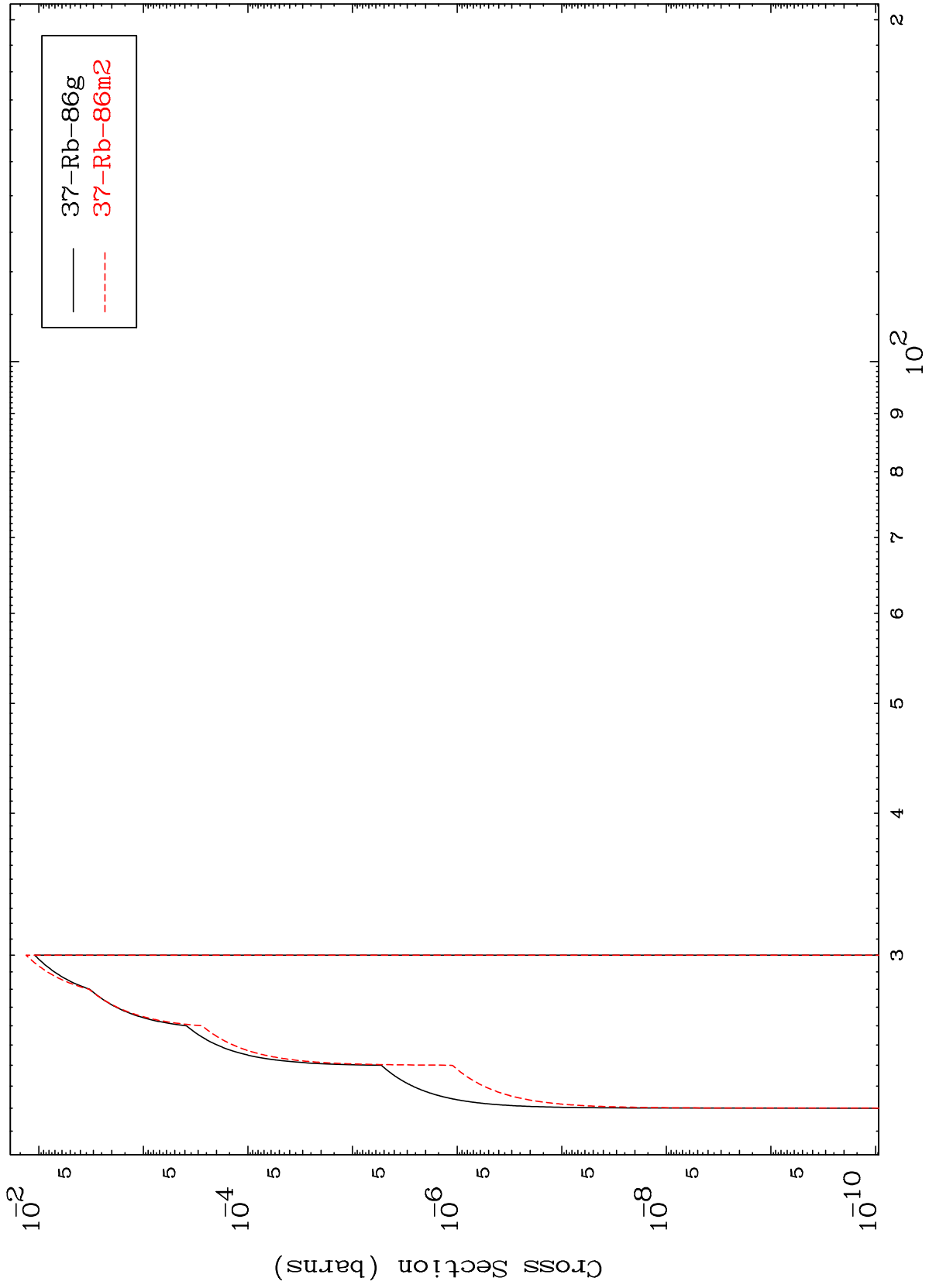
³⁶Kr-85

MAT 3646

(n,2n) p

36-Kr-85

Radionuclide Production Cross Section



16

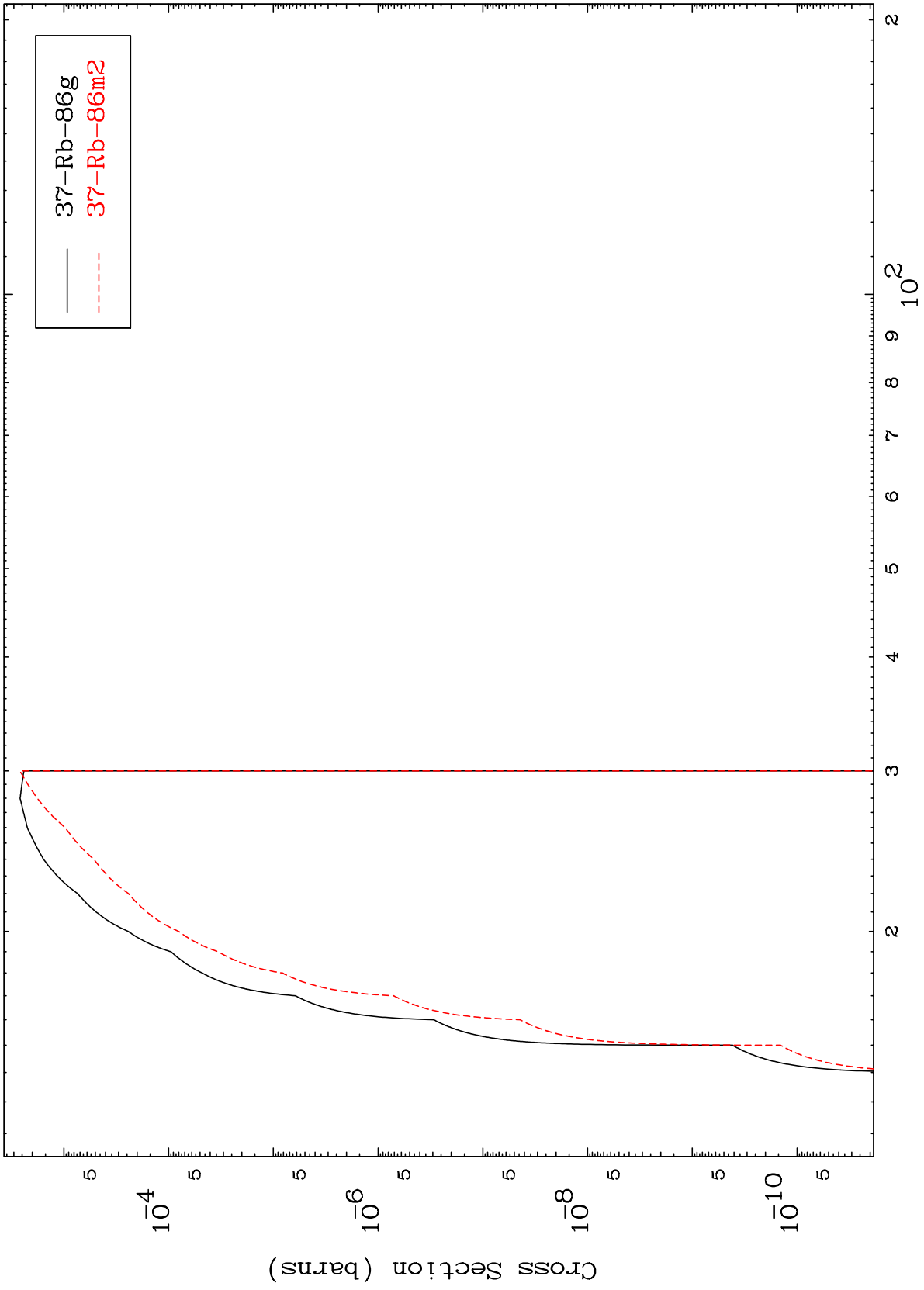
Incident Energy (MeV)

36-Kr-85

MAT 3646

36-Kr-85

(n, t)
Radionuclide Production Cross Section



17

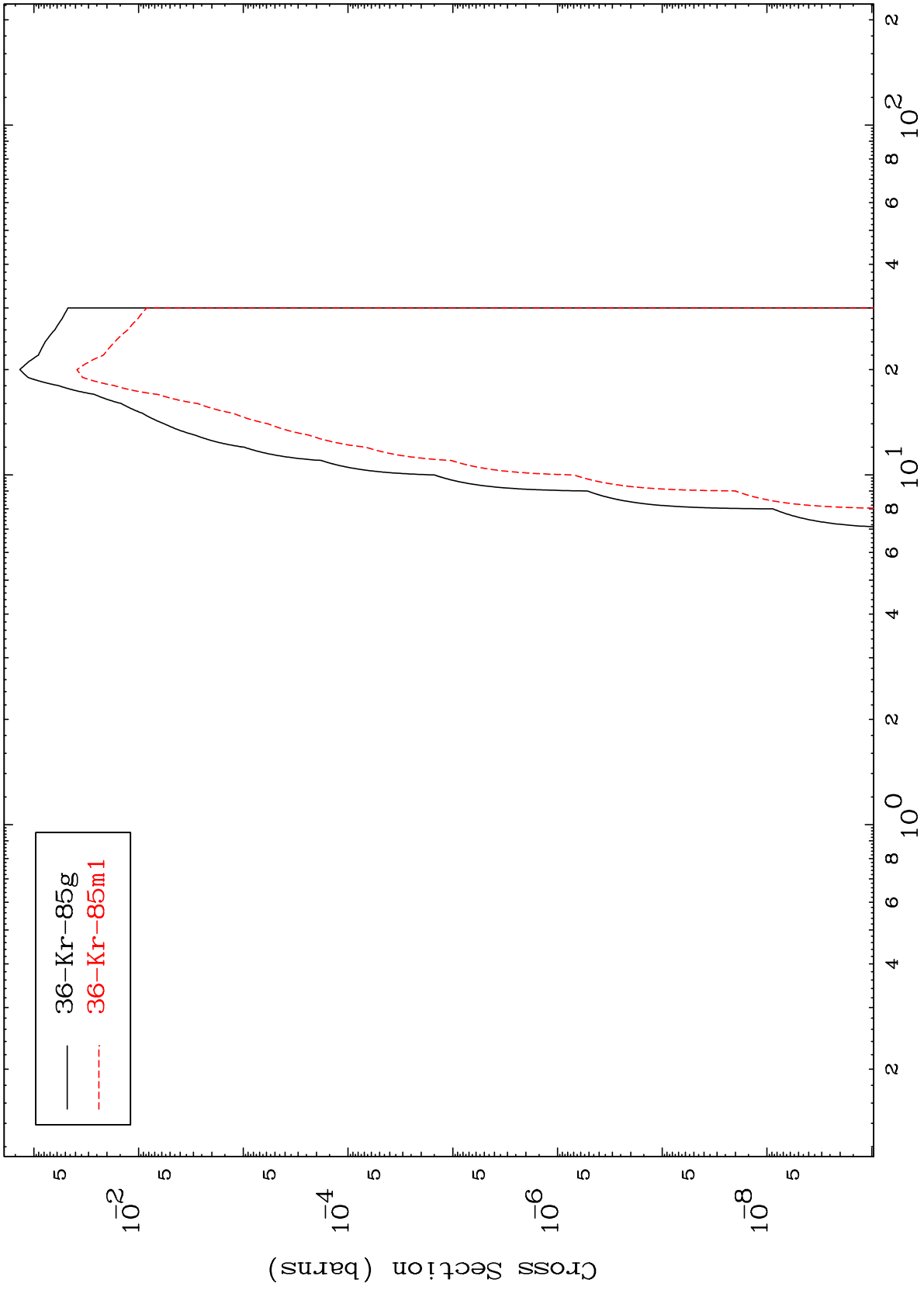
Incident Energy (MeV)

36-Kr-85

MAT 3646

³⁶Kr-85

Radionuclide Production Cross Section



18

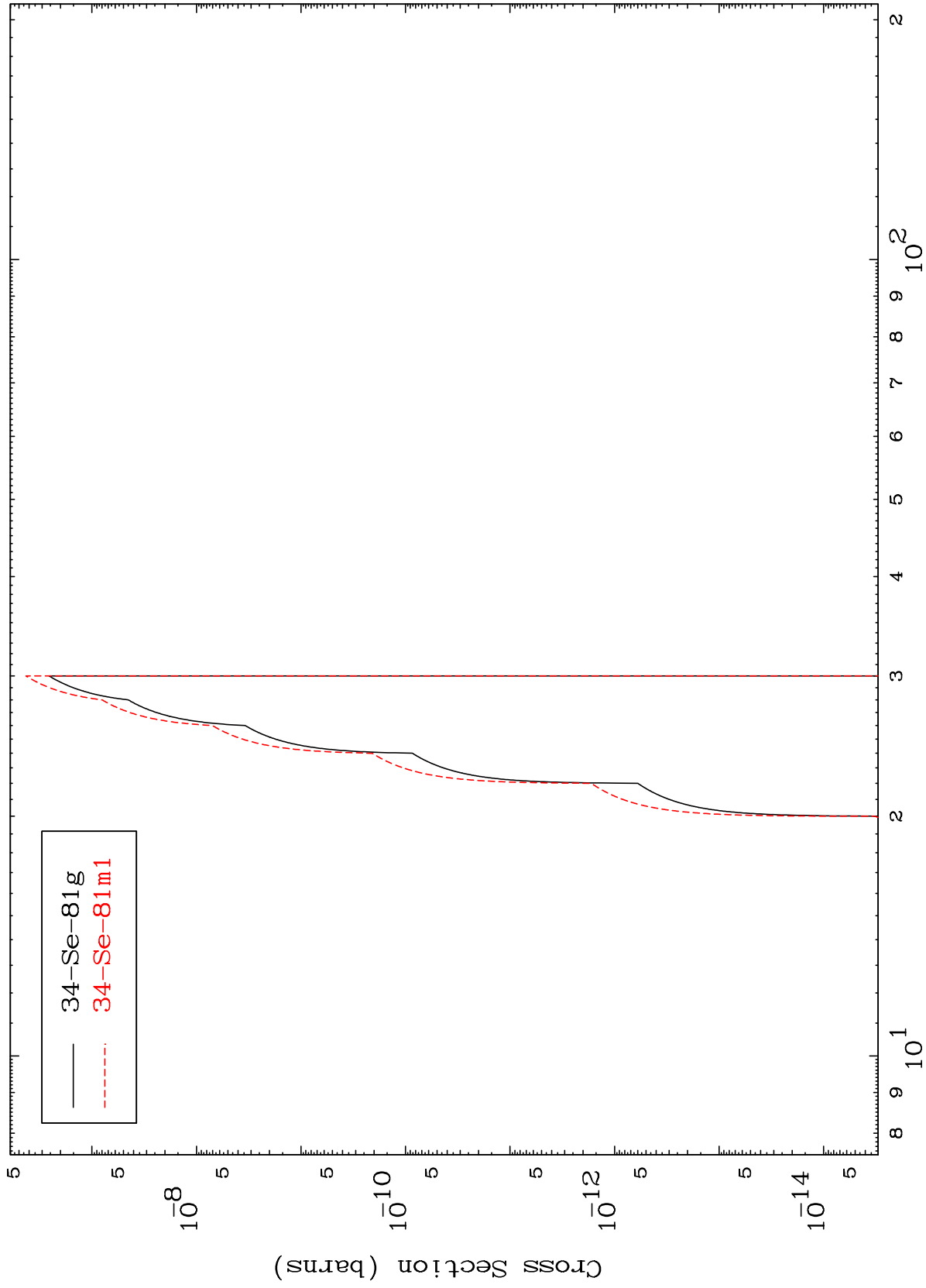
Incident Energy (MeV)

³⁶Kr-85

MAT 3646

36-Kr-85

Radionuclide Production Cross Section
(n,2α)



19

Incident Energy (MeV)

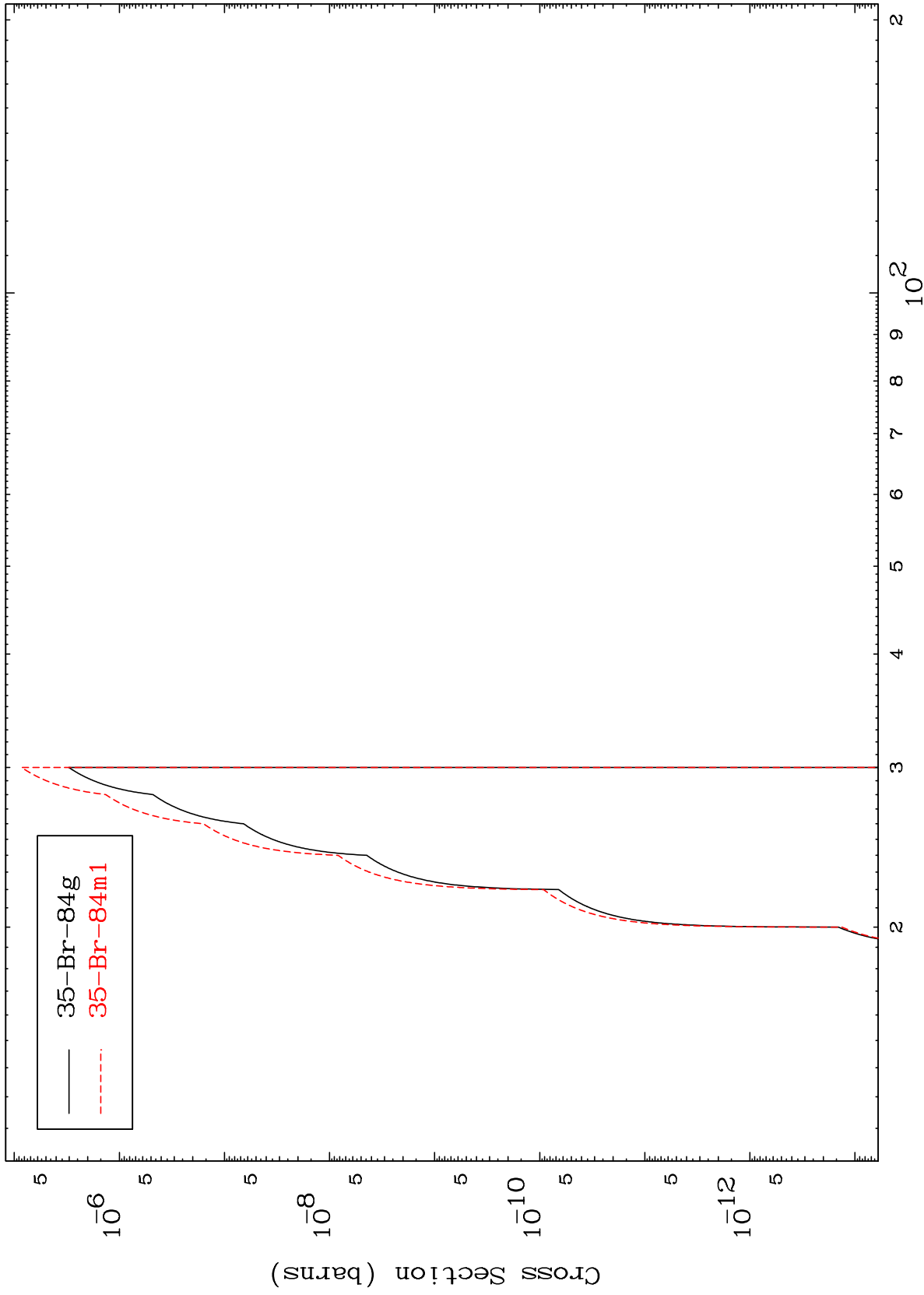
36-Kr-85

MAT 3646

(n,p) α

$^{36}\text{Kr-85}$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

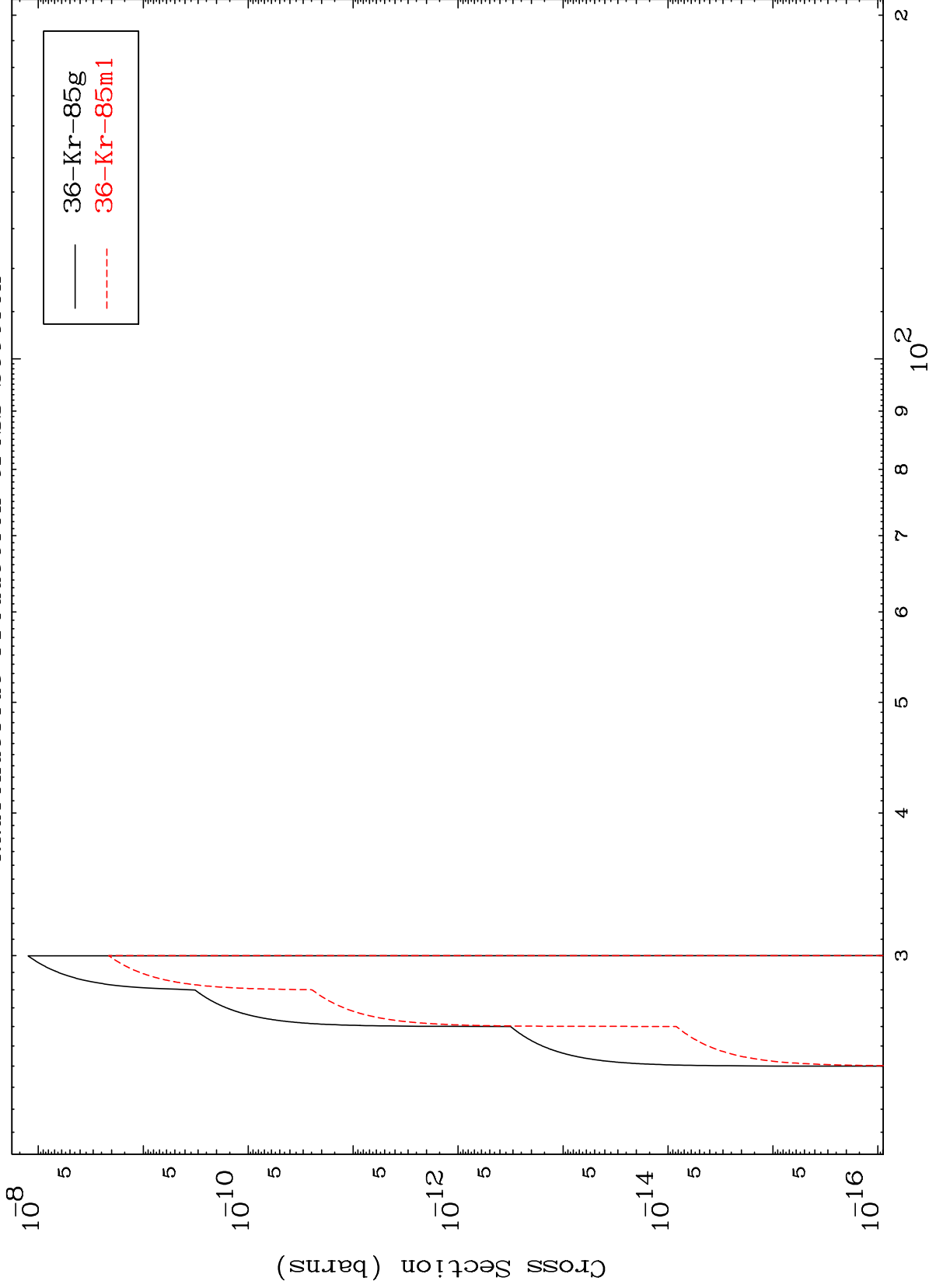
$^{36}\text{Kr-85}$

MAT 3646

(n,p) t

³⁶Kr-85

Radionuclide Production Cross Section



21

Incident Energy (MeV)

³⁶Kr-85