

Program EVALPLOT
(Version 2021-1)

by

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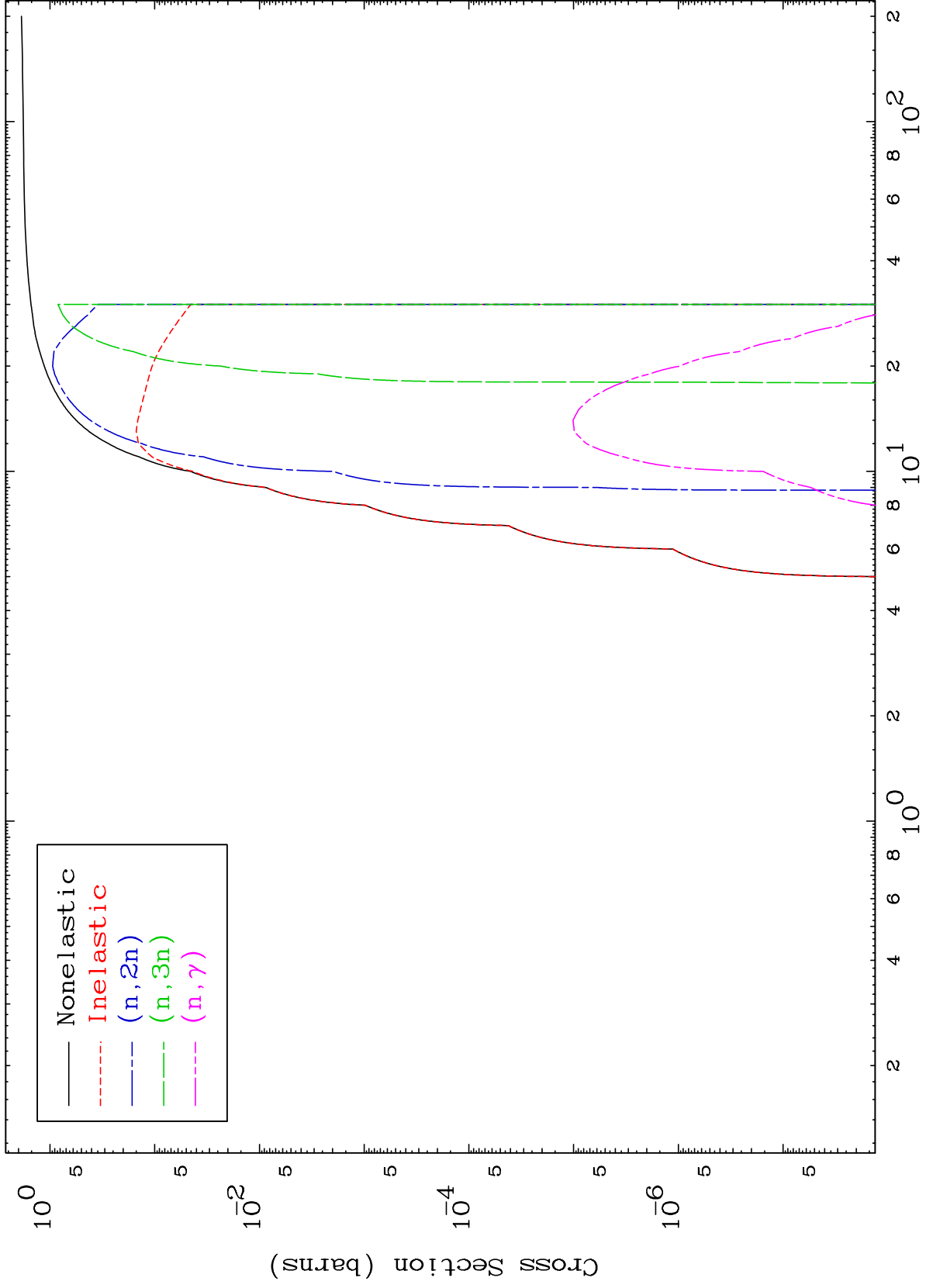
Press Mouse Button to Start

MAT 3541

α Major

35-Br-84m

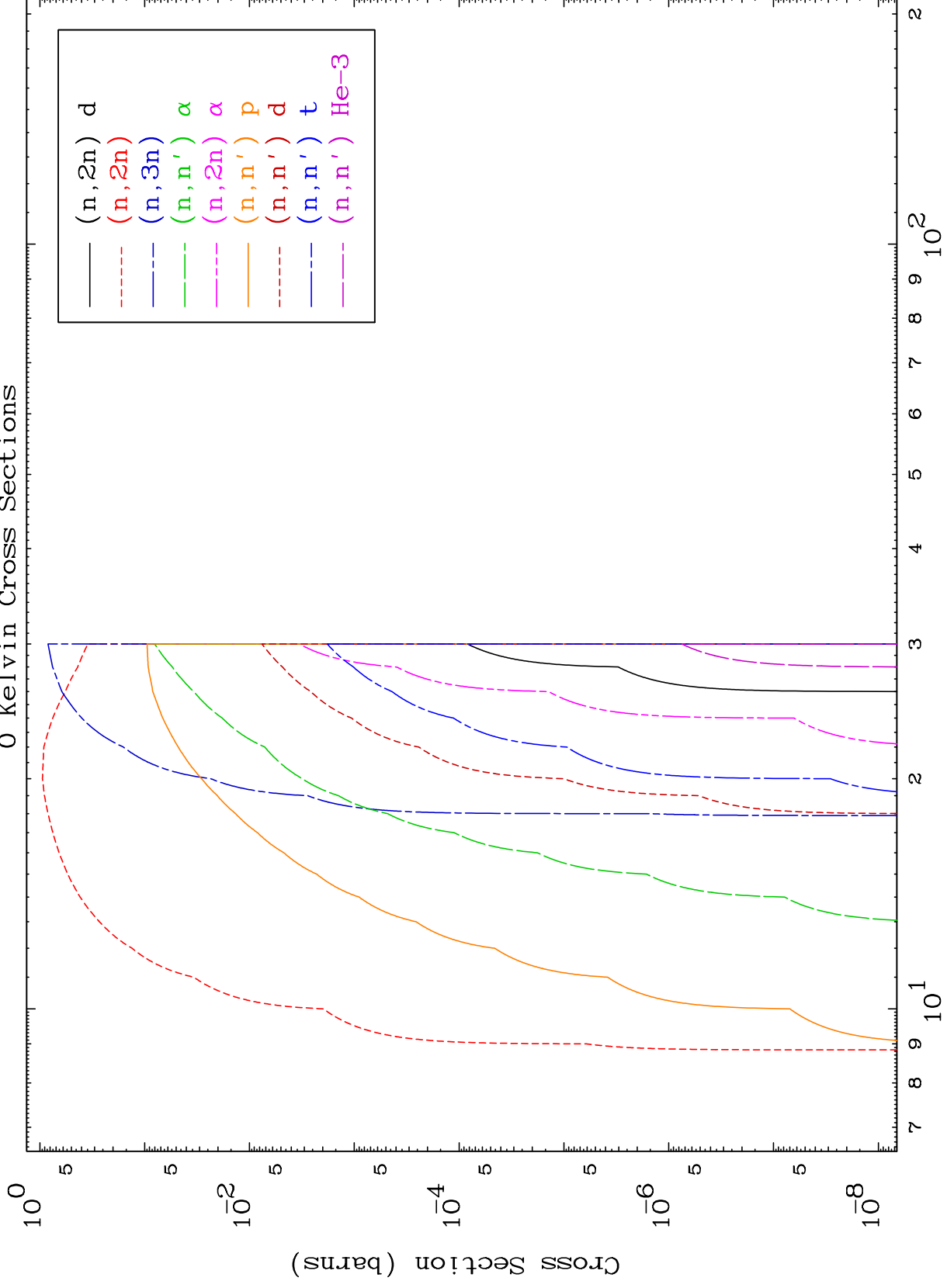
0 Kelvin Cross Sections



MAT 3541

α Neutron Absorption
0 Kelvin Cross Sections

35-Br-84m



2

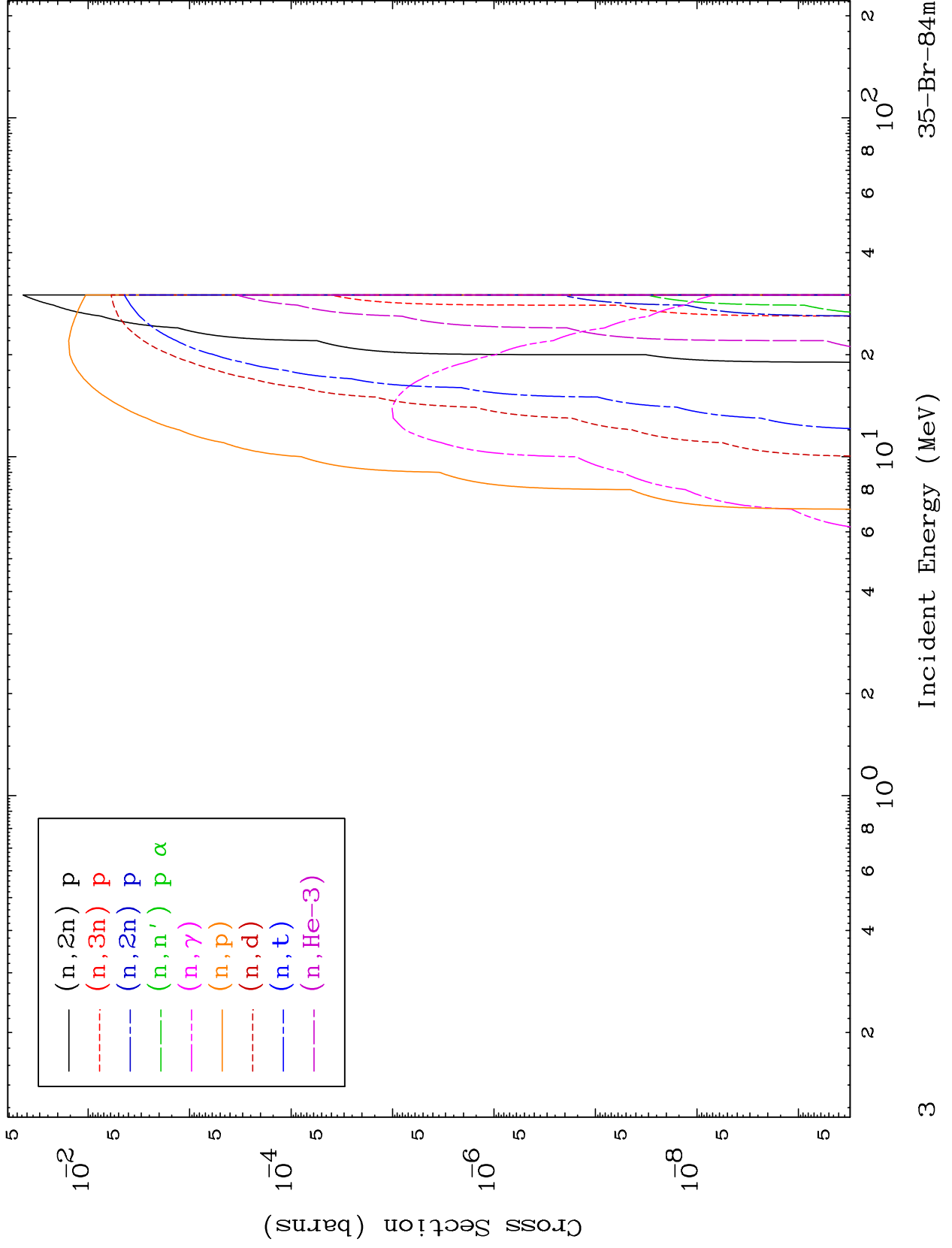
Incident Energy (MeV)

35-Br-84m

MAT 3541

α Neutron Absorption
0 Kelvin Cross Sections

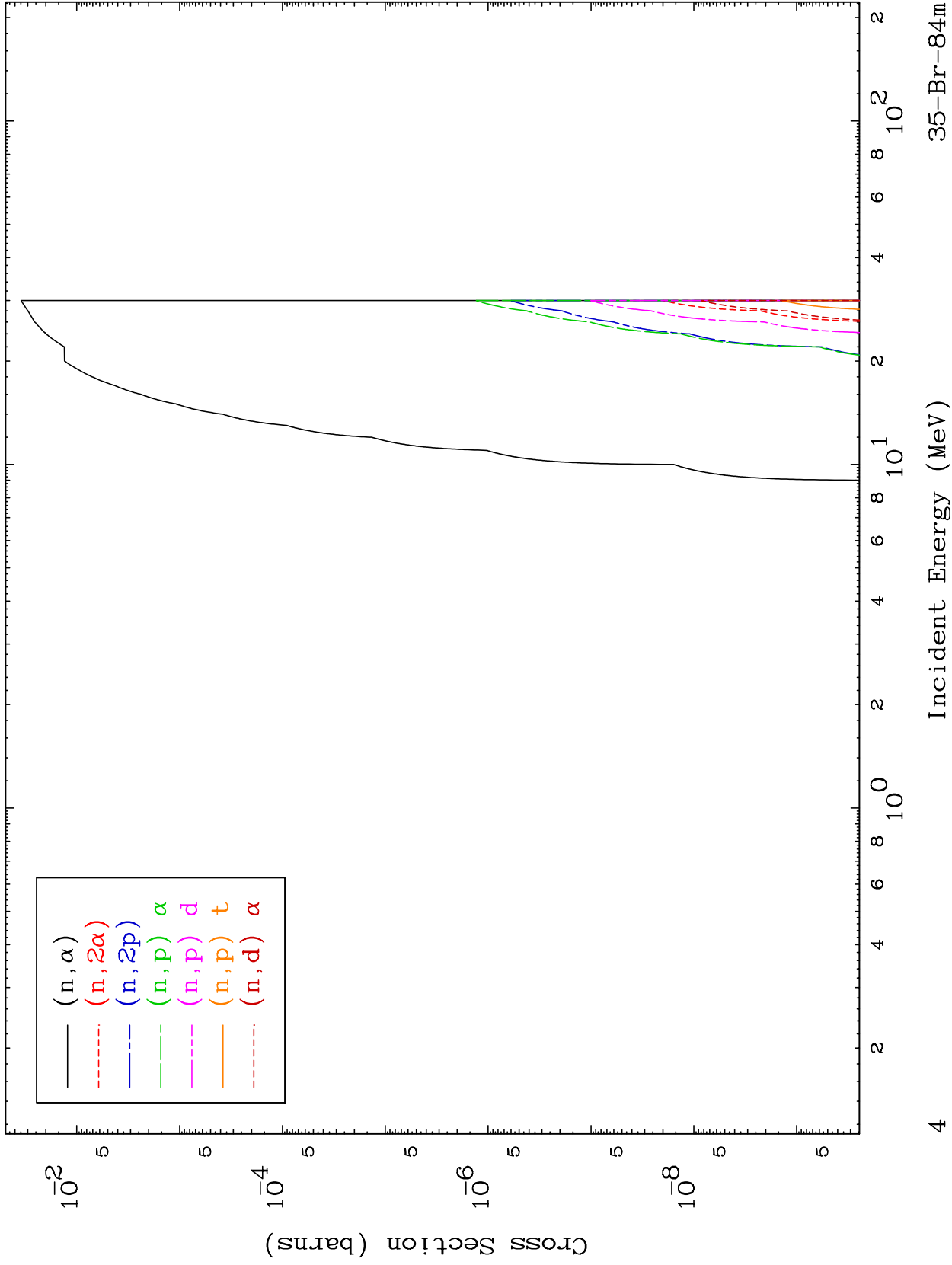
35-Br-84m



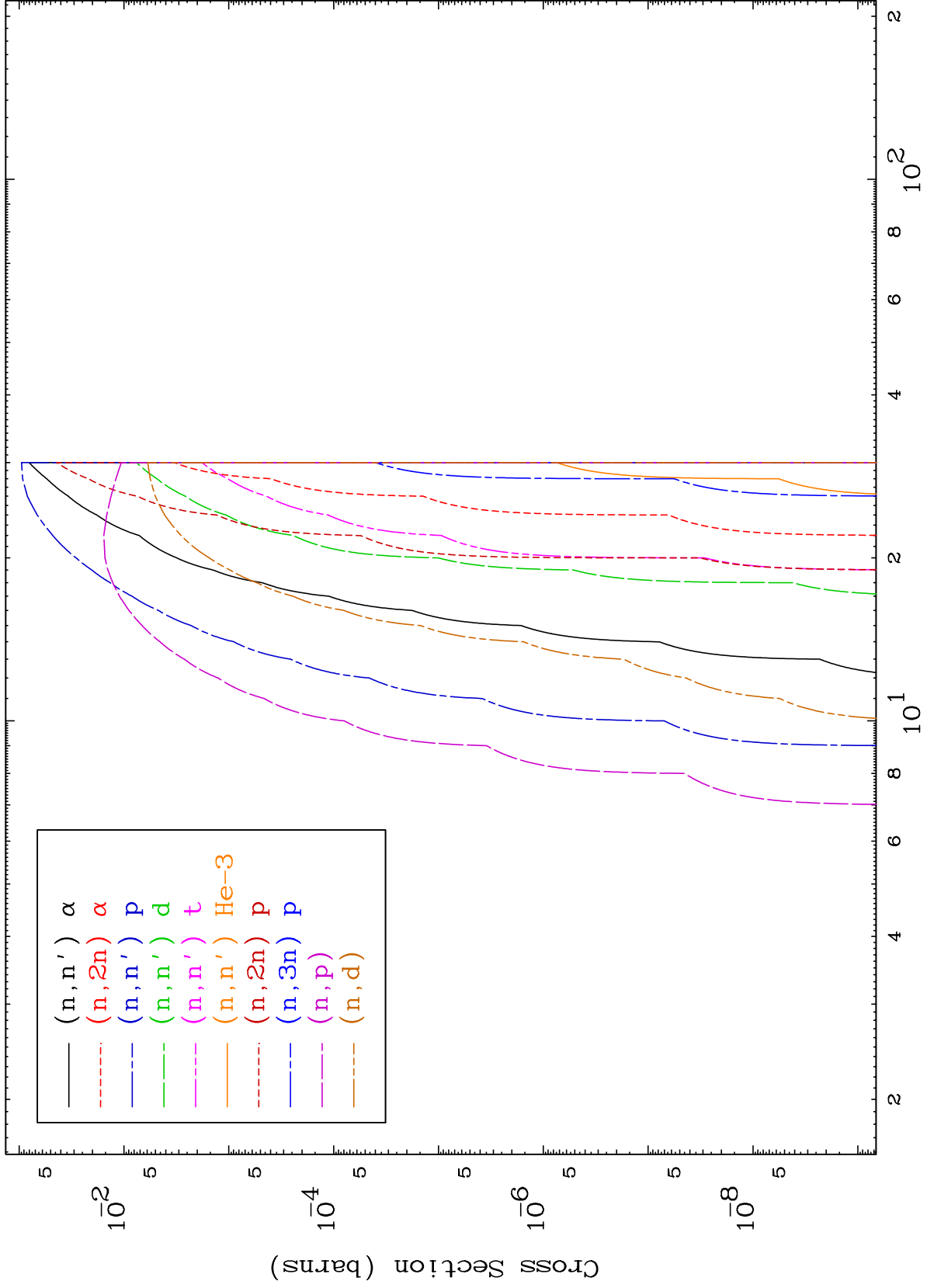
MAT 3541

α Neutron Absorption
0 Kelvin Cross Sections

³⁵Br-84m



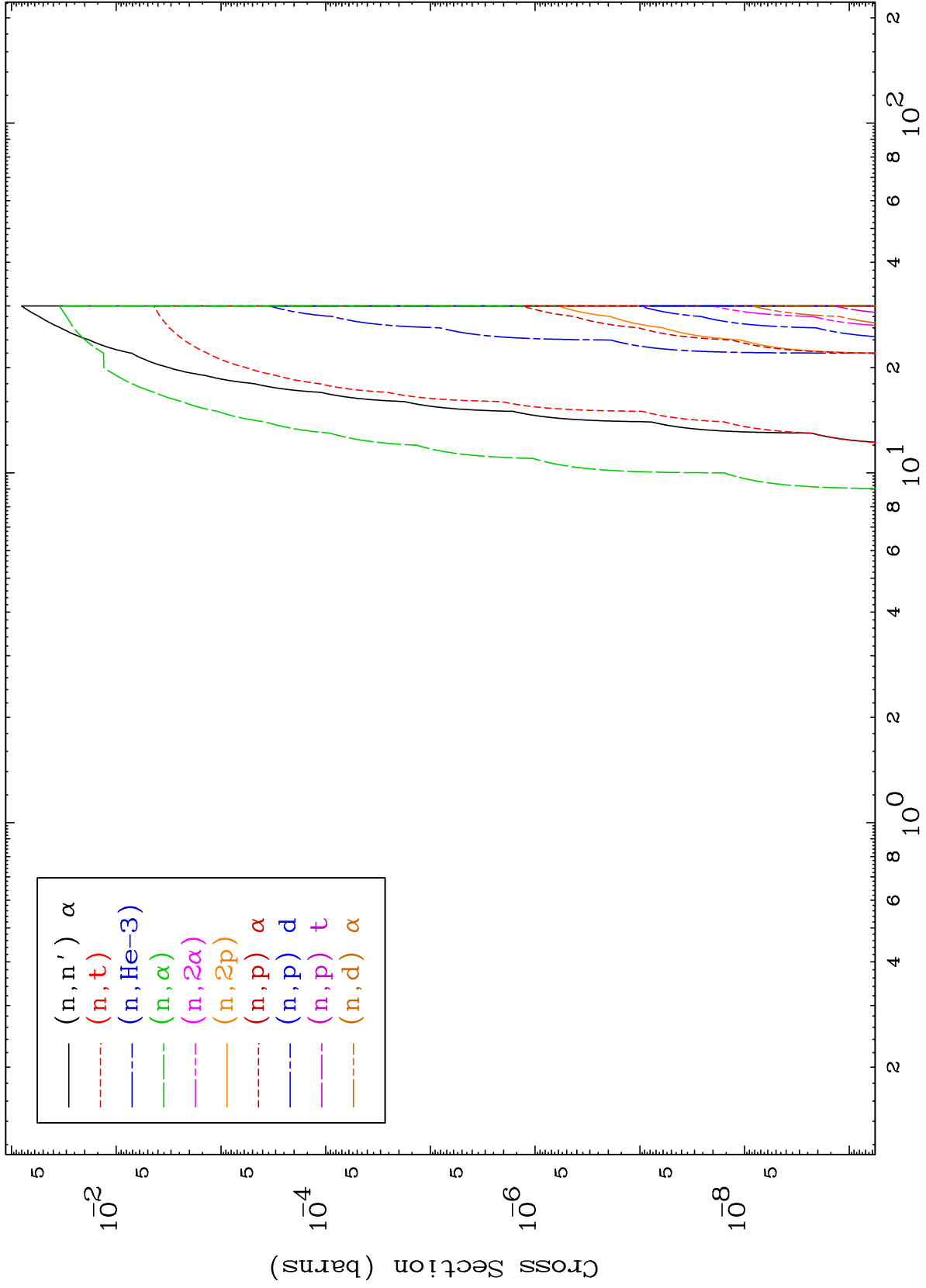
³⁵Br-84m



MAT 3541

α Charged Particle
0 Kelvin Cross Sections

35-Br-84m



6

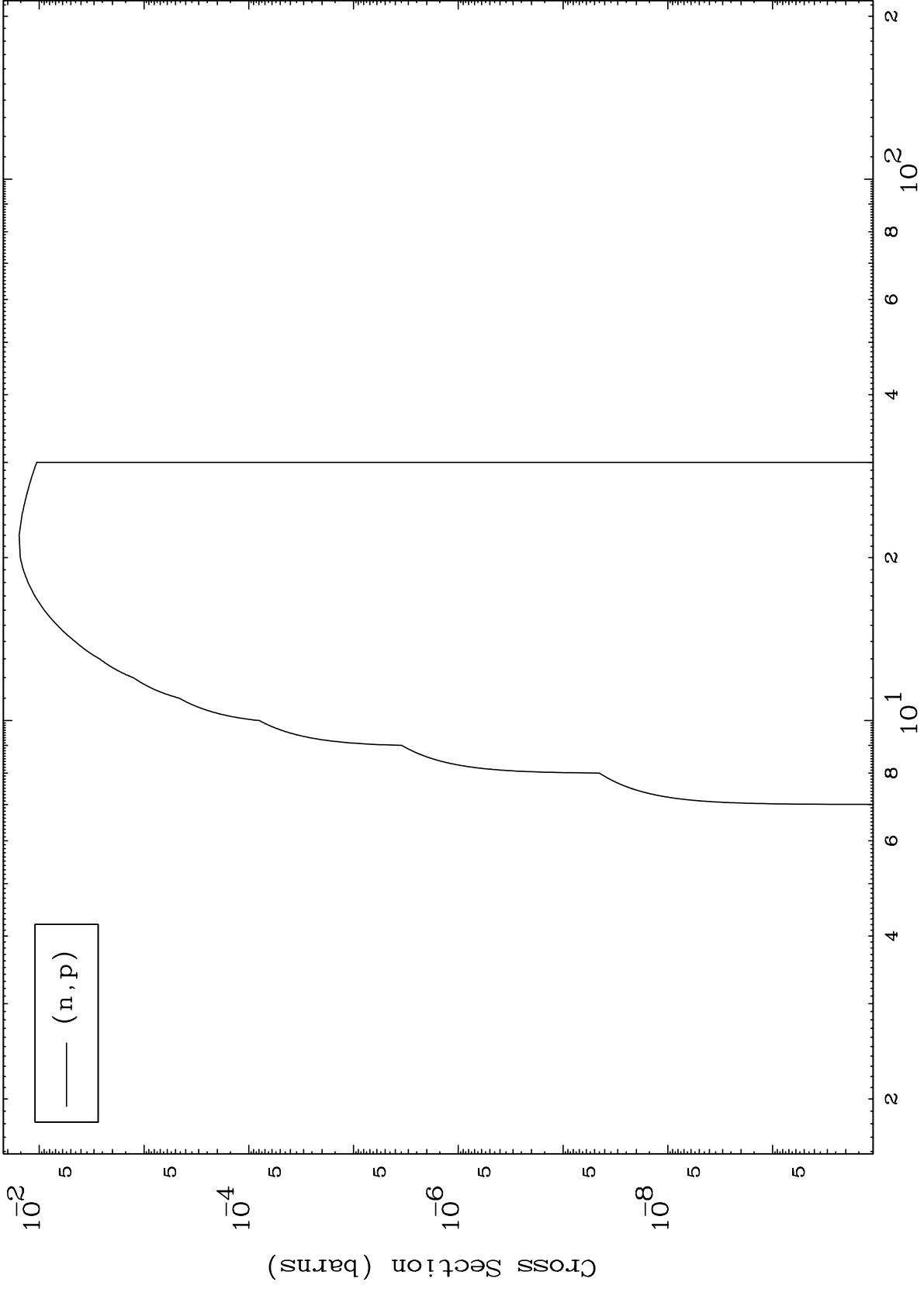
Incident Energy (MeV)

35-Br-84m

MAT 3541

(α, p) Levels
0 Kelvin Cross Sections

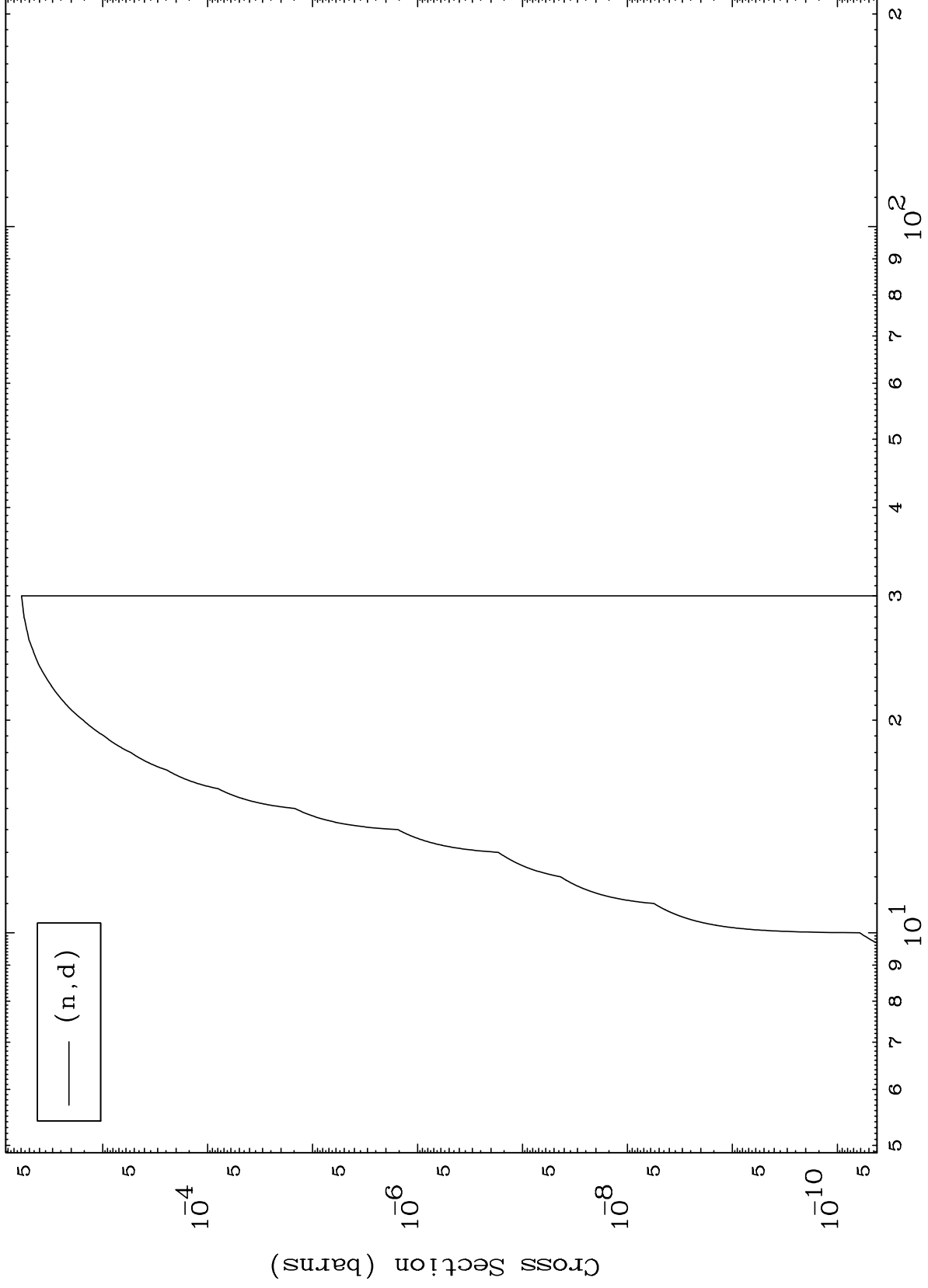
35-Br-84m



MAT 3541

(α, d) Levels
0 Kelvin Cross Sections

35-Br-84m



8

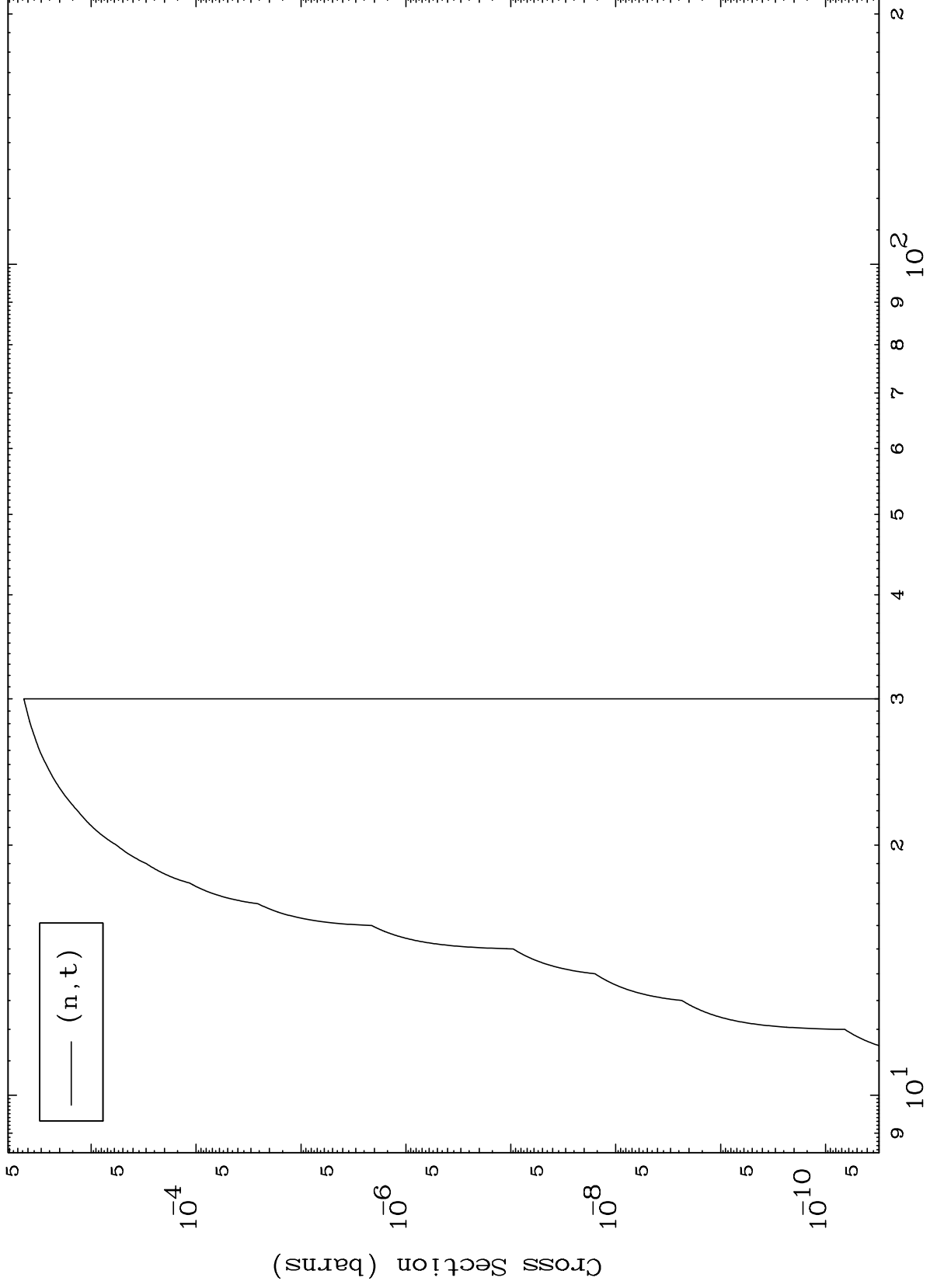
Incident Energy (MeV)

35-Br-84m

MAT 3541

(α, t) Levels
0 Kelvin Cross Sections

35-Br-84m



9

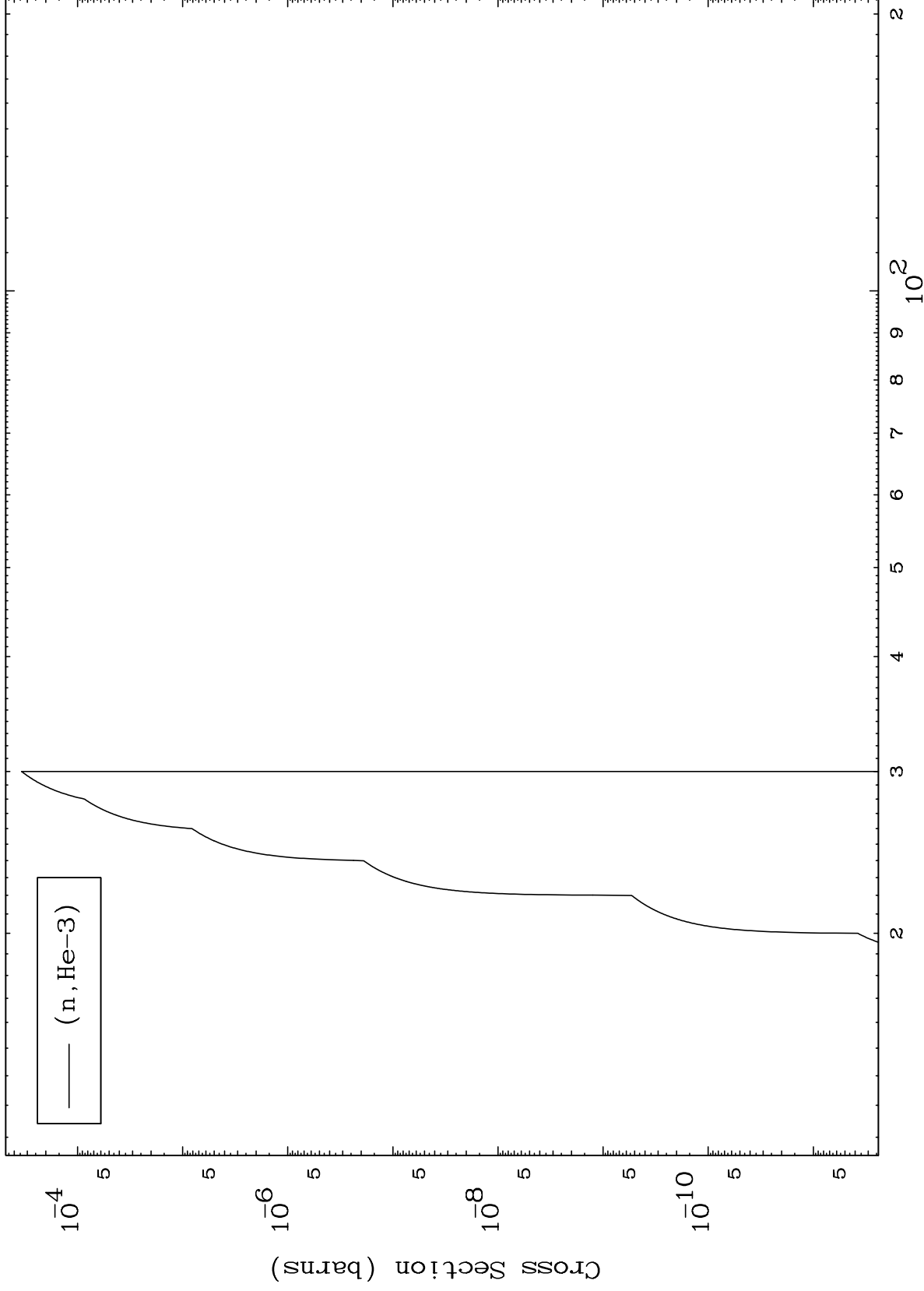
Incident Energy (MeV)

35-Br-84m

MAT 3541

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

35-Br-84m



10

Incident Energy (MeV)

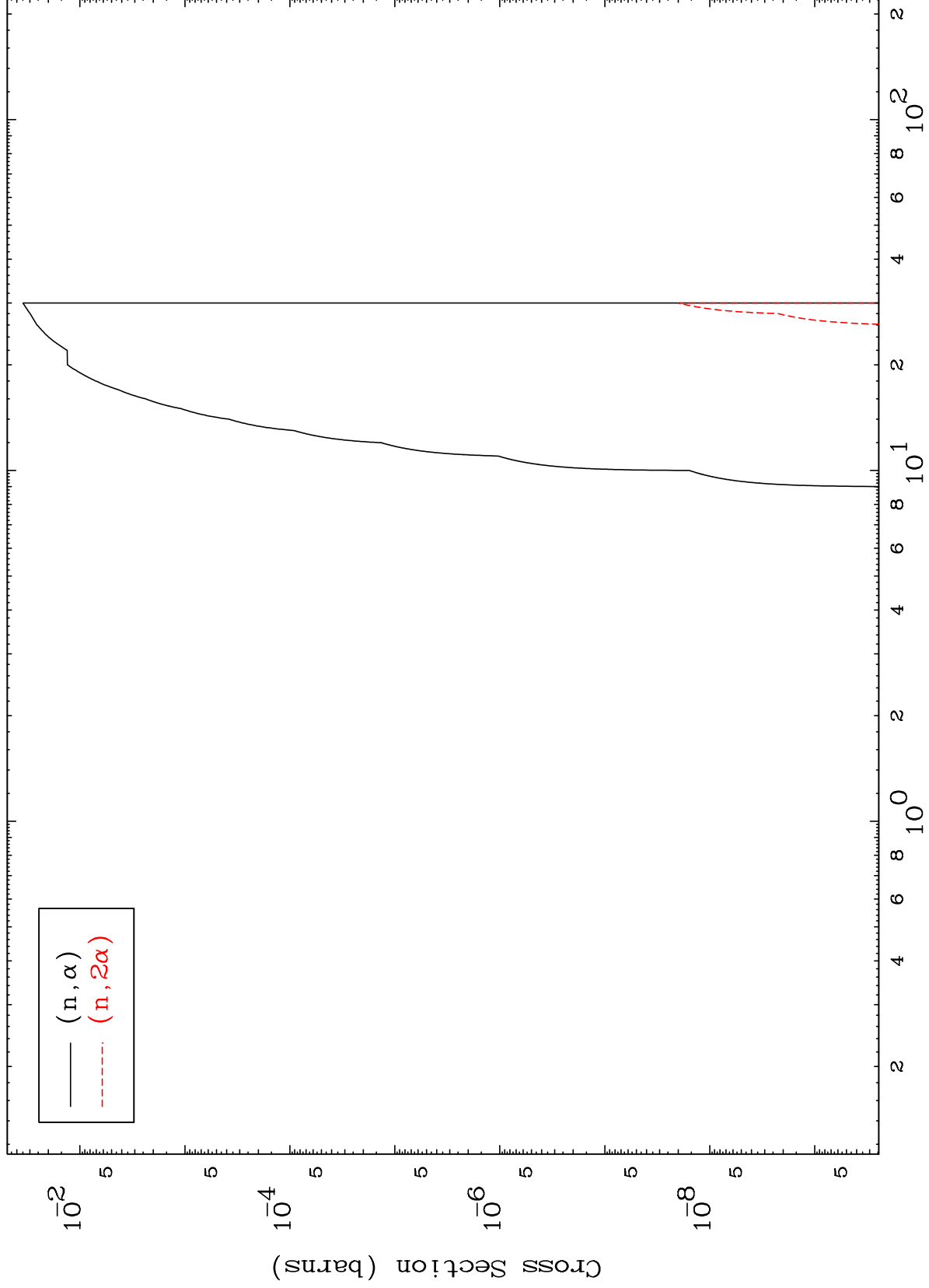
35-Br-84m

MAT 3541

(α, α) Levels

35-Br-84m

0 Kelvin Cross Sections

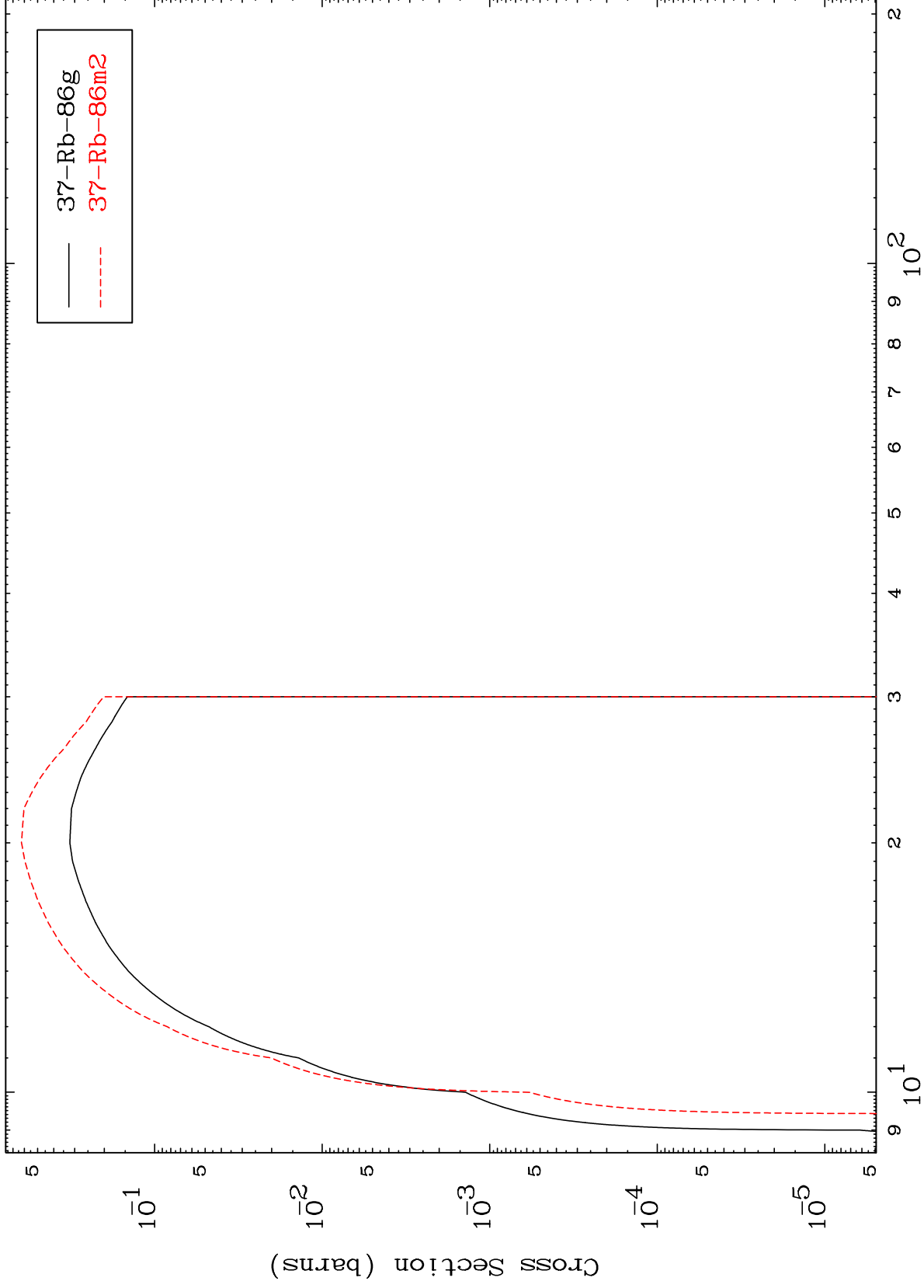


MAT 3541

(n,2n)

35-Br-84m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

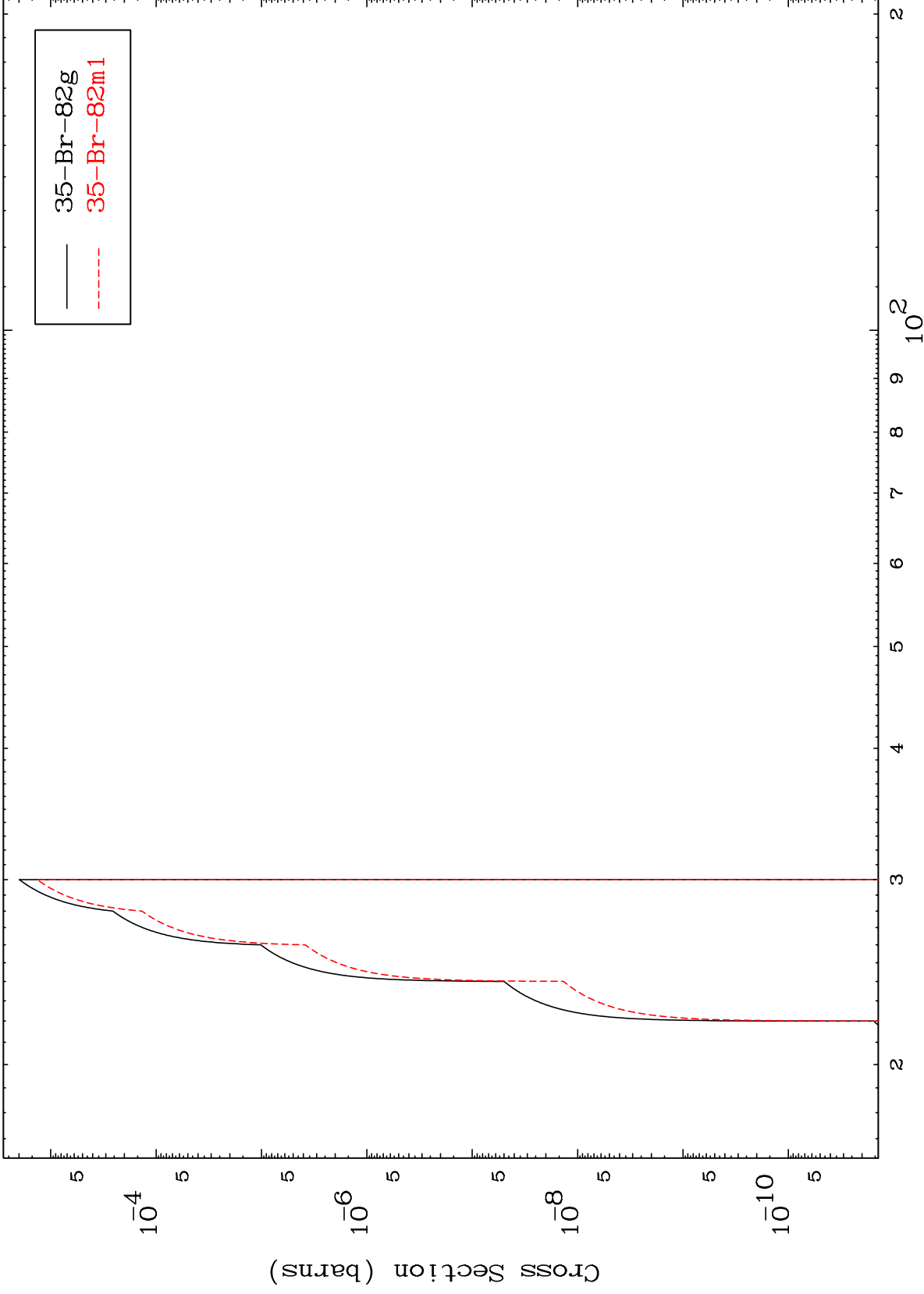
35-Br-84m

MAT 3541

$(n,2n) \alpha$

$^{35}\text{Br-84m}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

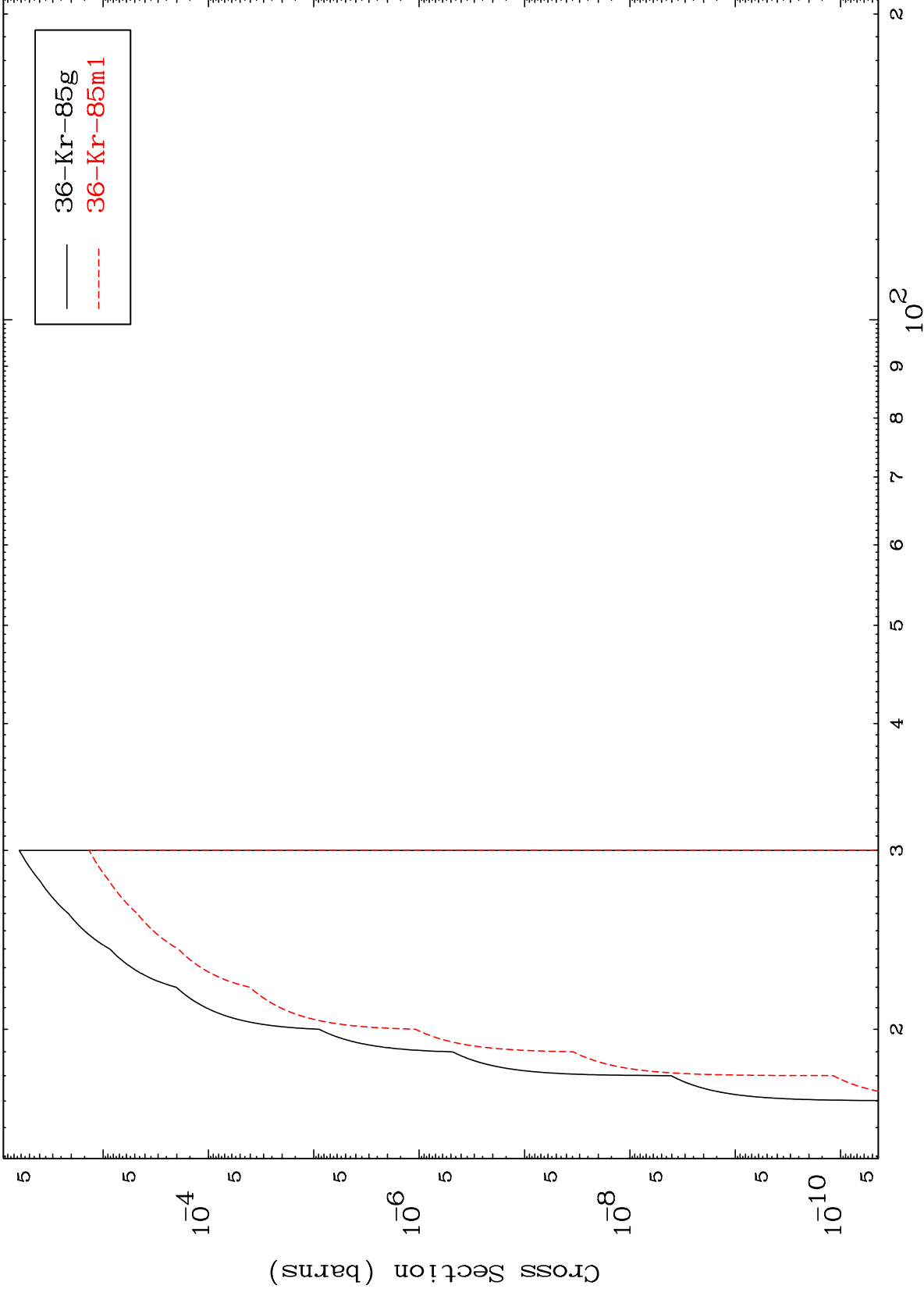
$^{35}\text{Br-84m}$

MAT 3541

(n,n') d

35-Br-84m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

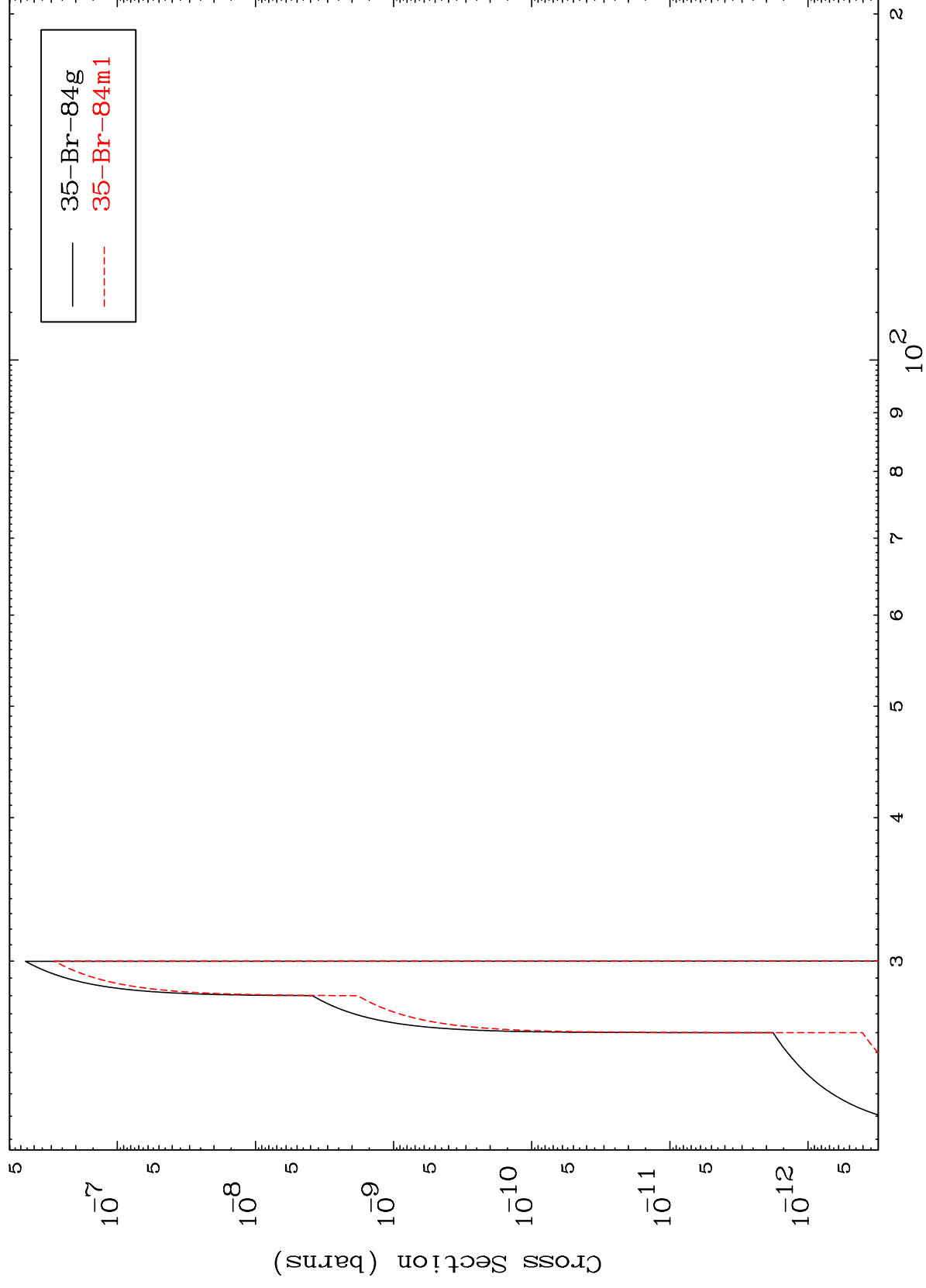
35-Br-84m

MAT 3541

(n,n') He-3

35-Br-84m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

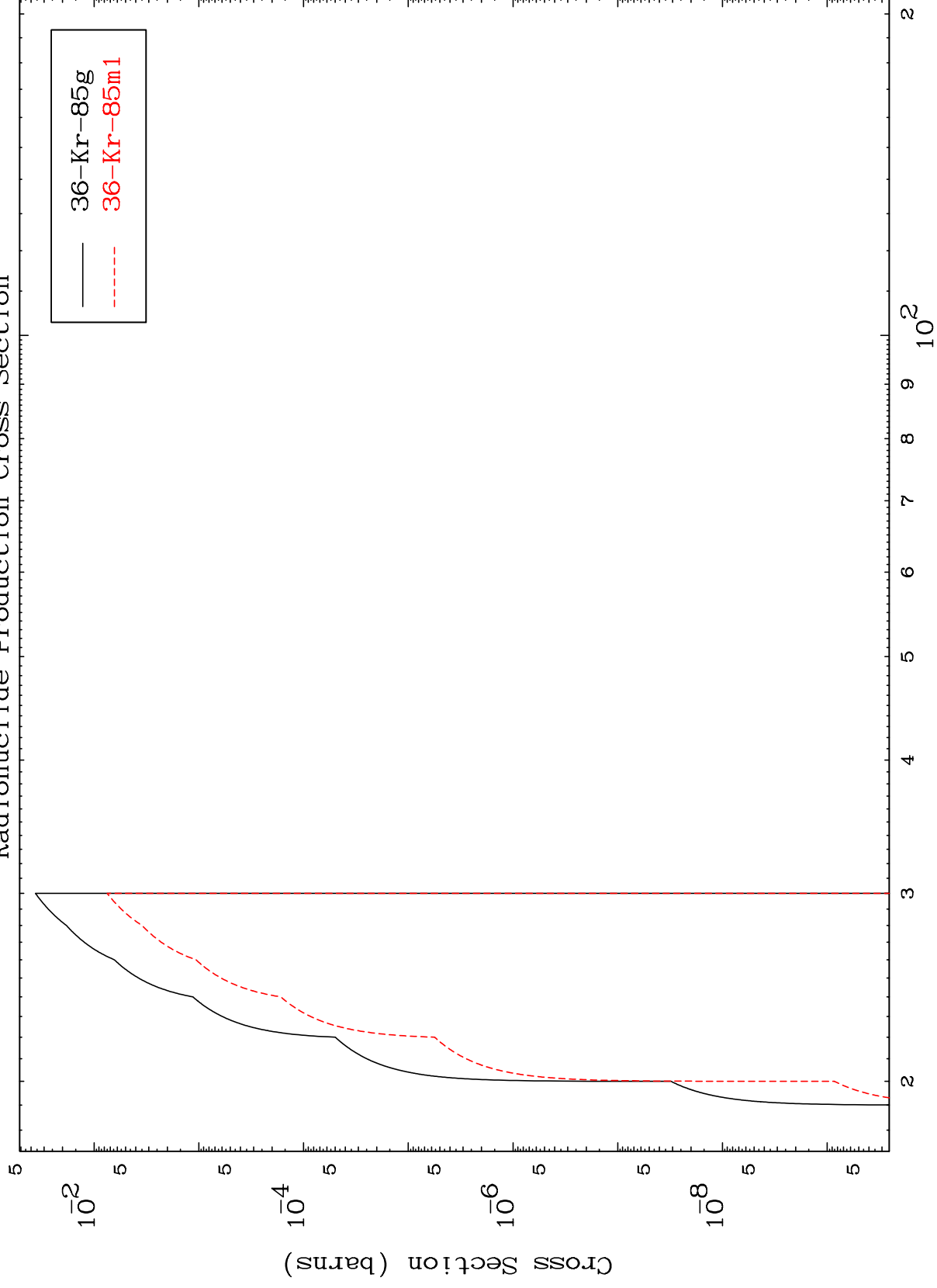
35-Br-84m

MAT 3541

(n,2n) p

35-Br-84m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

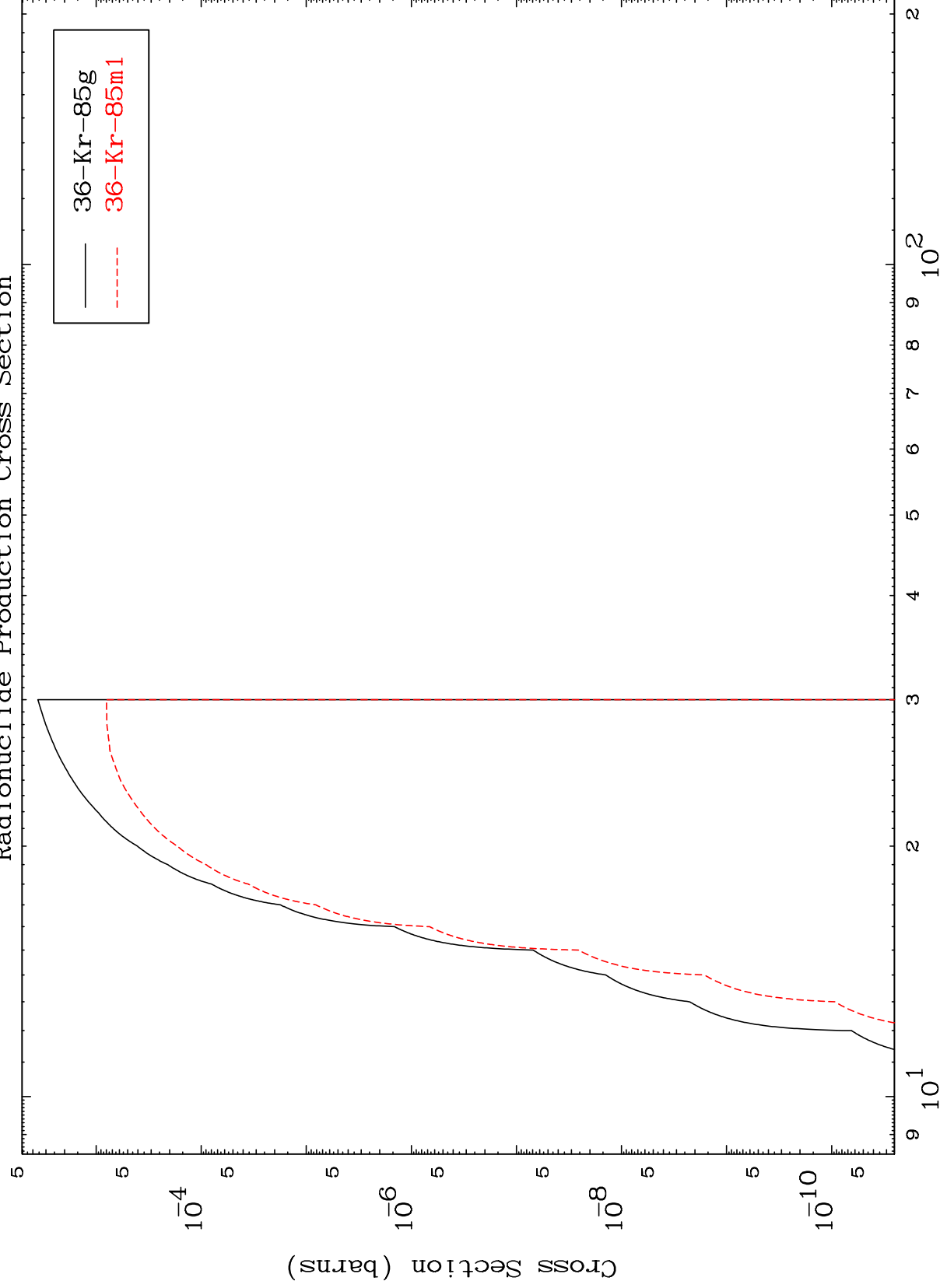
35-Br-84m

MAT 3541

(n, t)

35-Br-84m

Radionuclide Production Cross Section



Incident Energy (MeV)

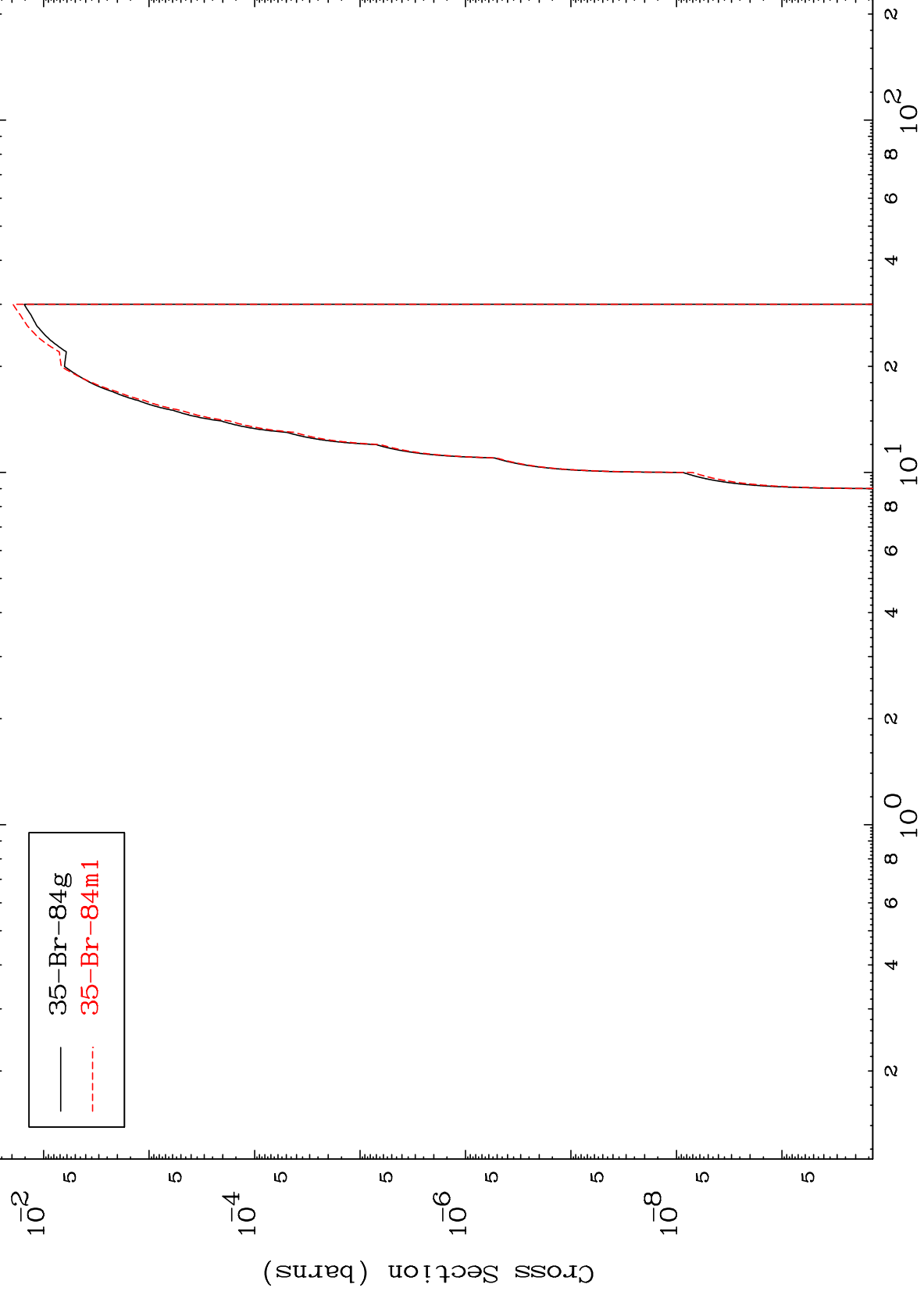
35-Br-84m

17

MAT 3541

³⁵Br-84m

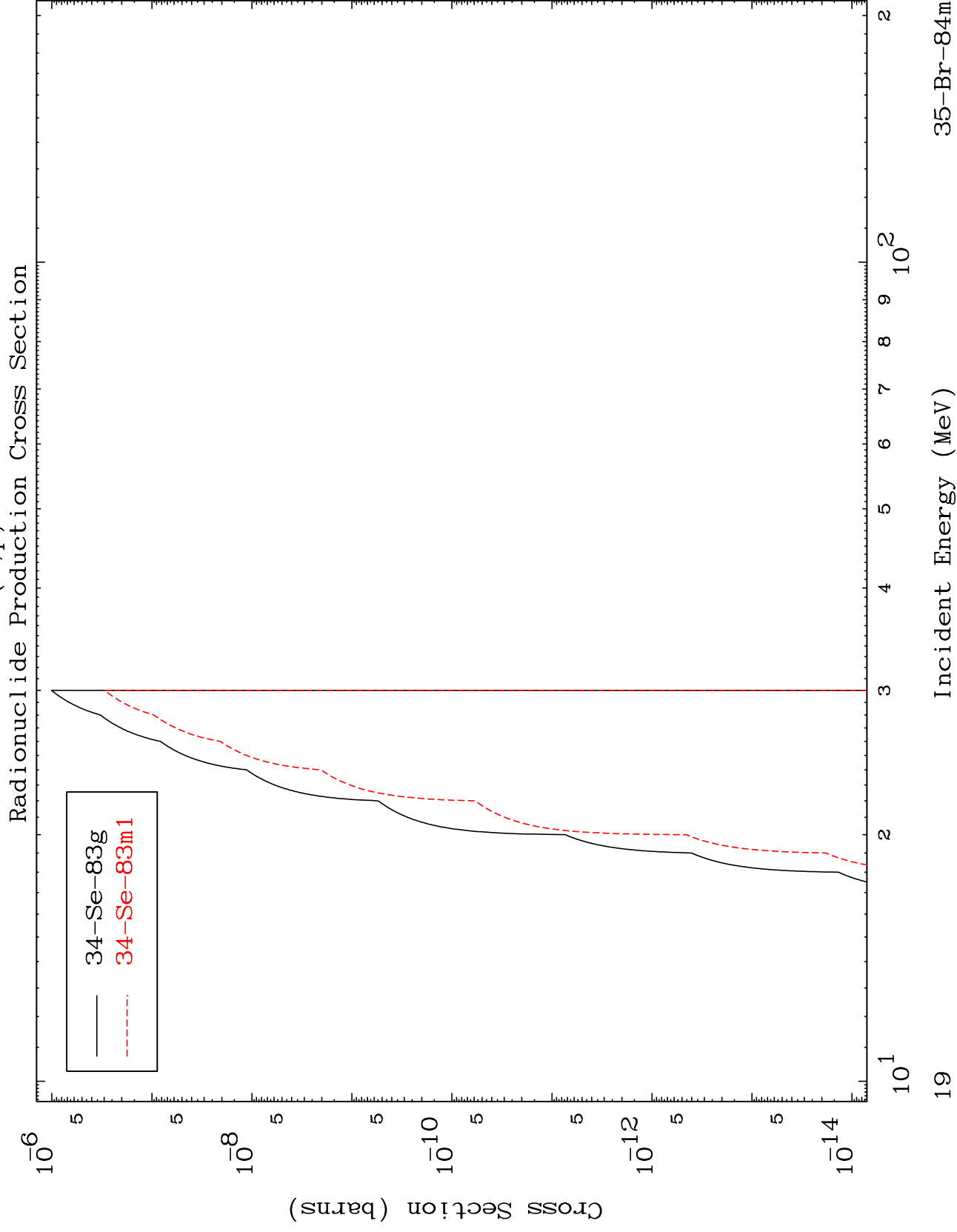
Radionuclide Production Cross Section



MAT 3541

(n,p) α

35-Br-84m

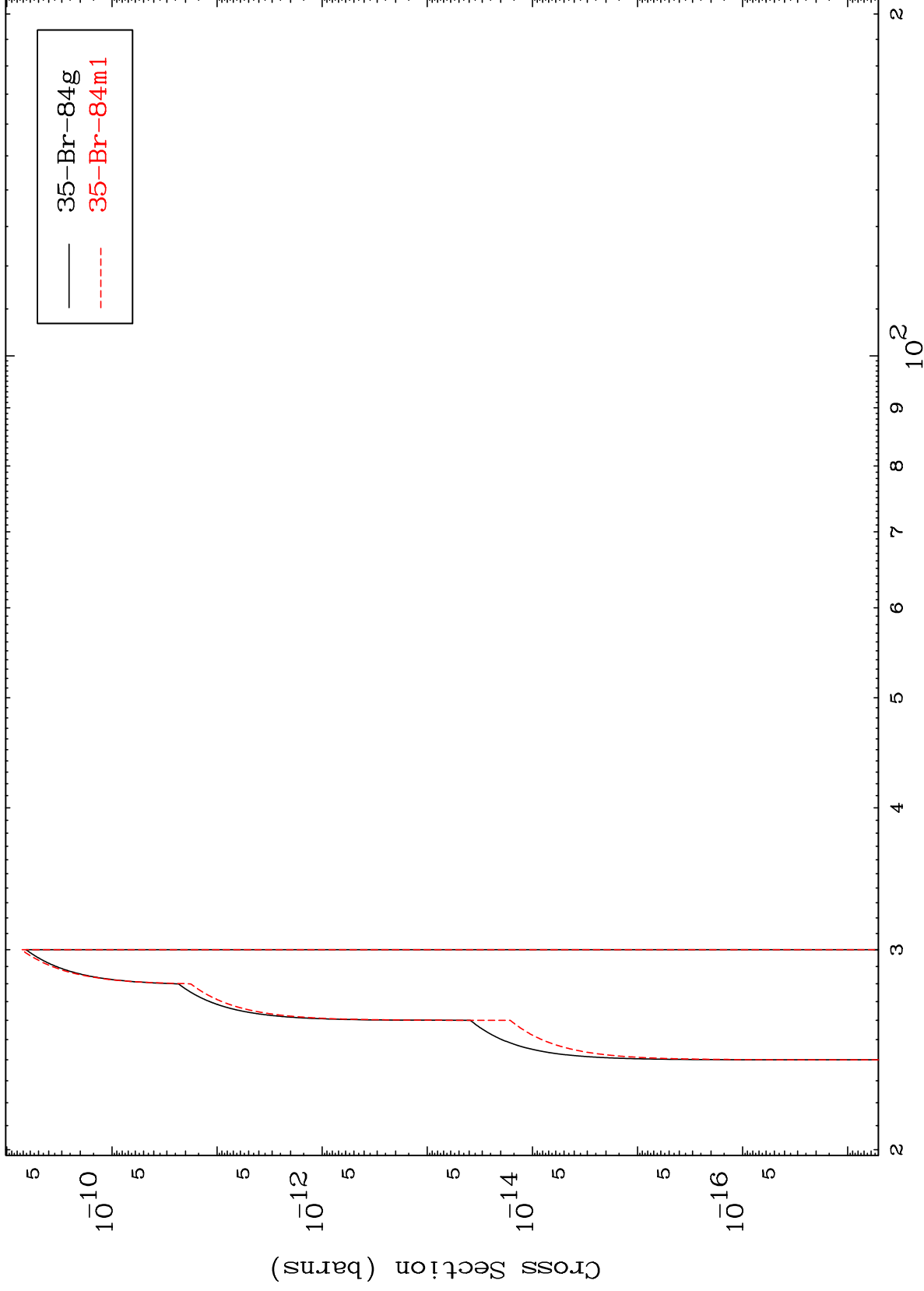


MAT 3541

(n,p) t

³⁵Br-⁸⁴m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

³⁵Br-⁸⁴m