

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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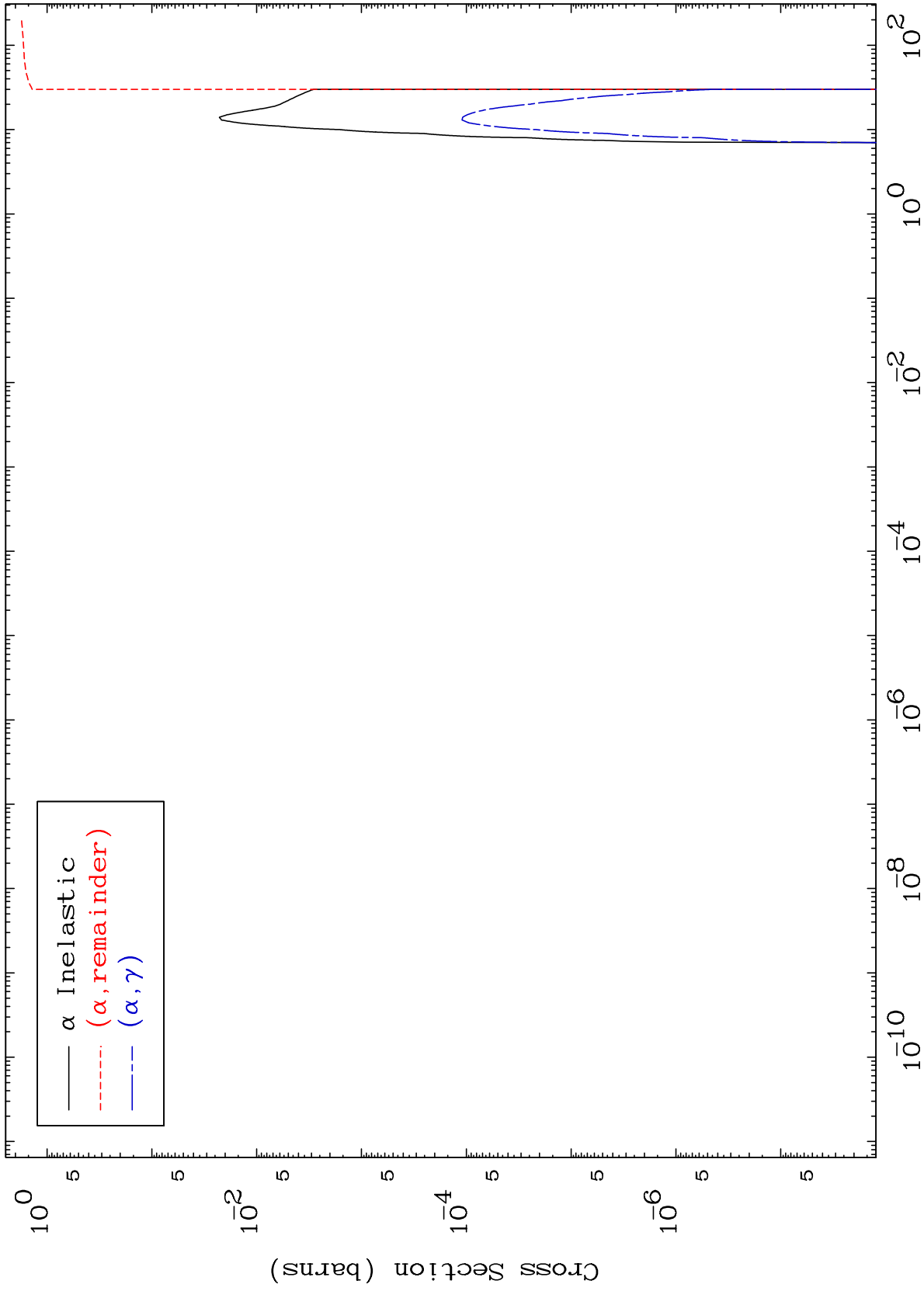
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3510

0 Kelvin α Major
Cross Sections

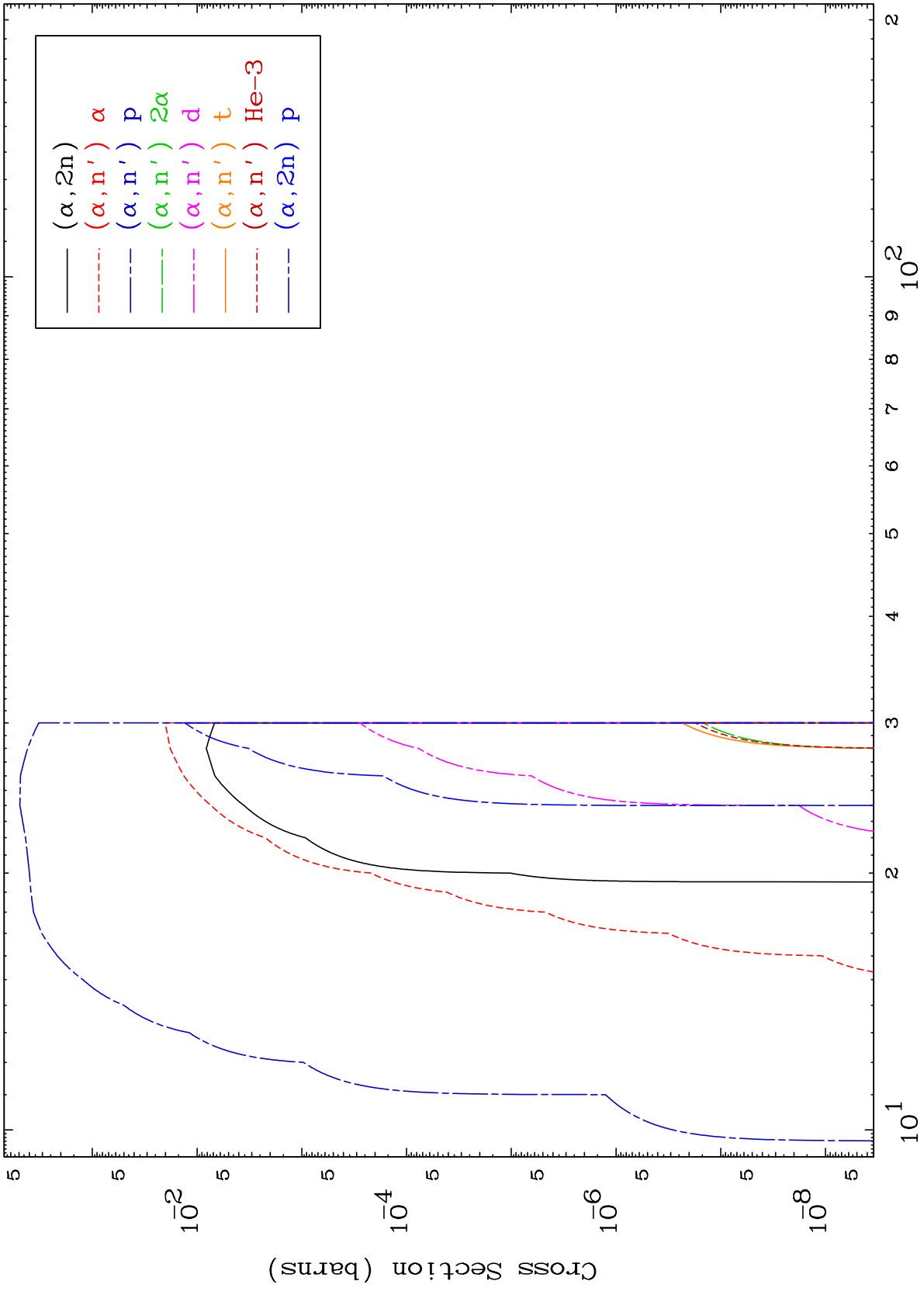
35-Br-74



MAT 3510

α Neutron Production
0 Kelvin Cross Sections

35-Br-74



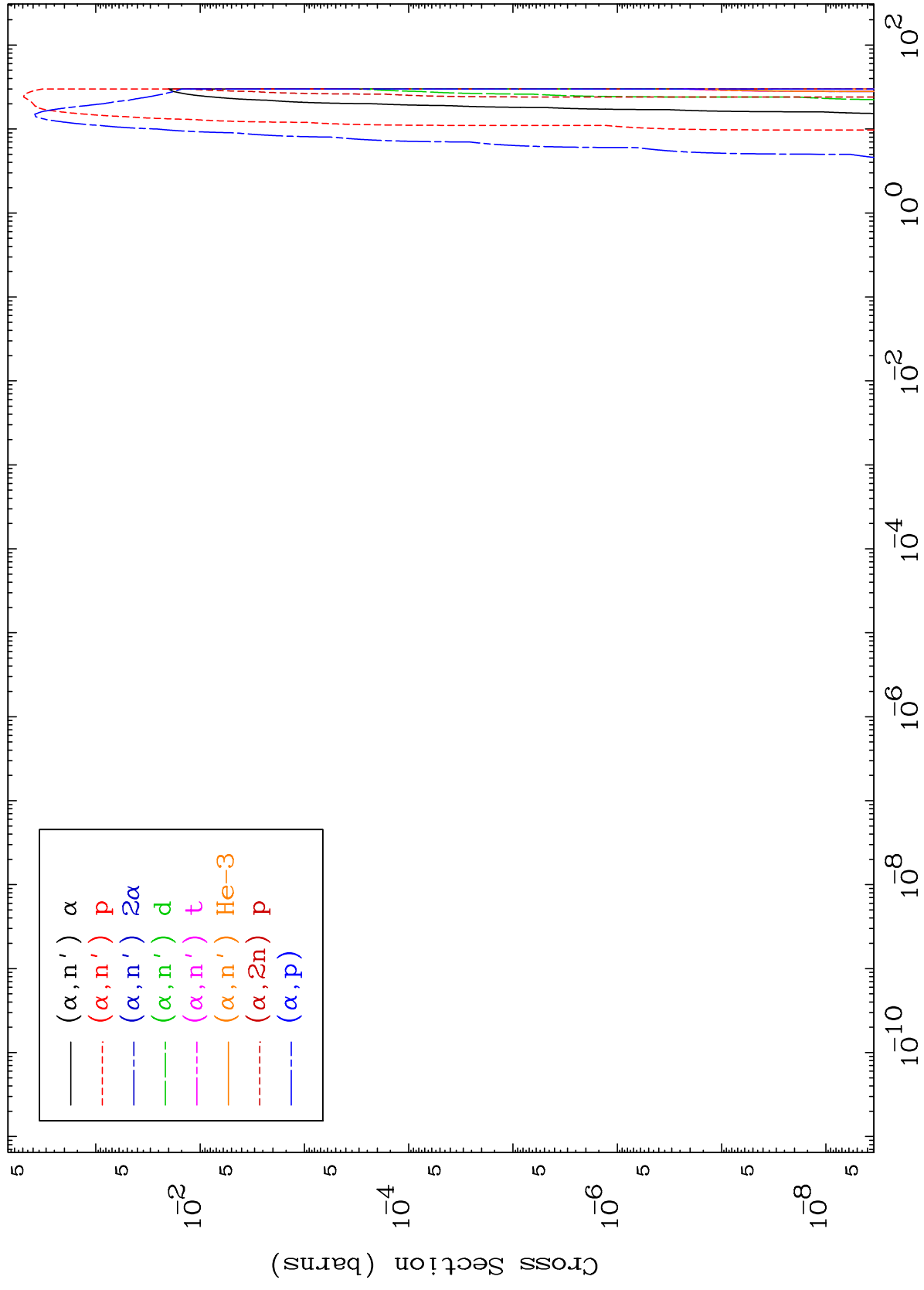
Incident Energy (MeV)

35-Br-74

MAT 3510

α Charged Particle
0 Kelvin Cross Sections

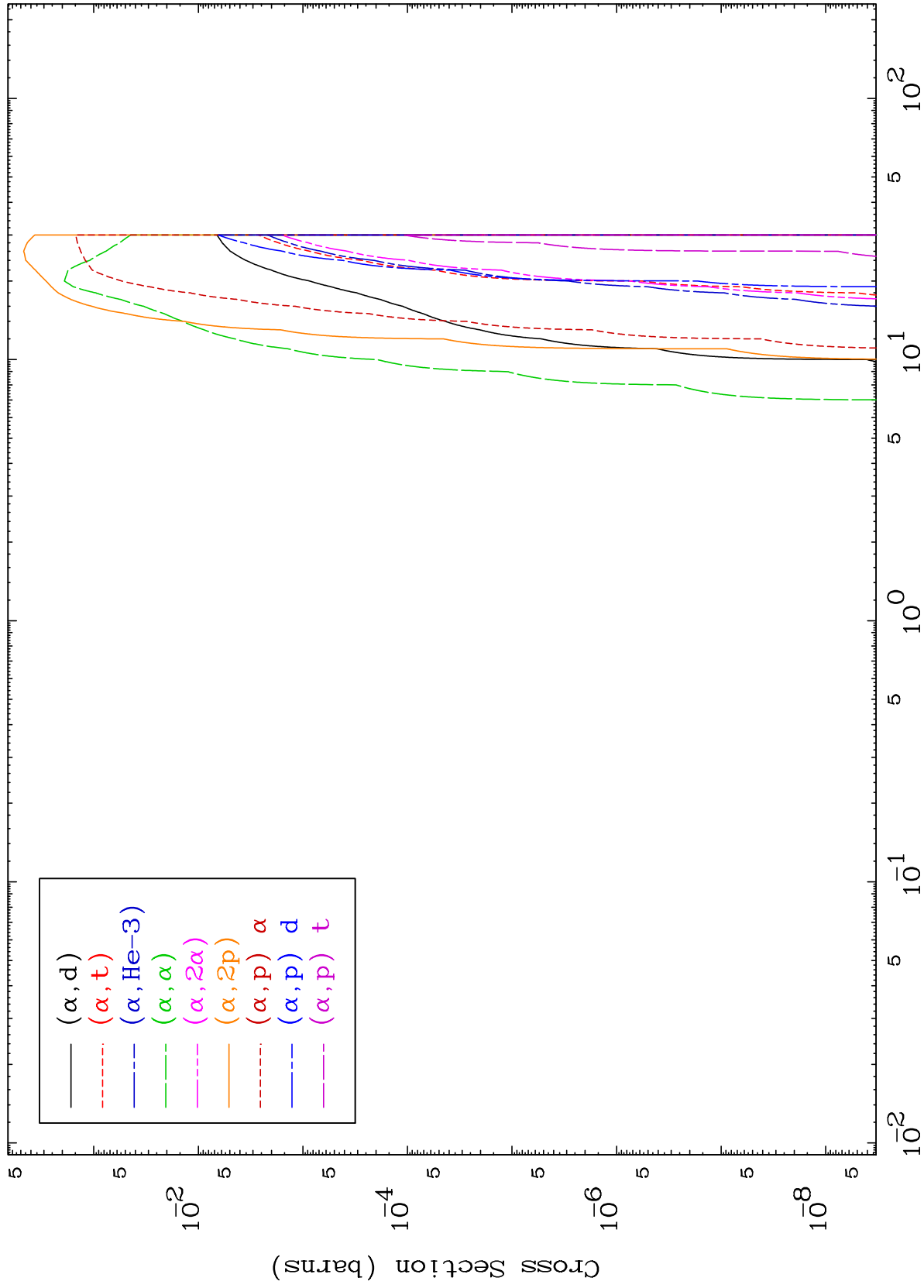
35-Br-74



MAT 3510

α Charged Particle
0 Kelvin Cross Sections

35-Br-74



35-Br-74

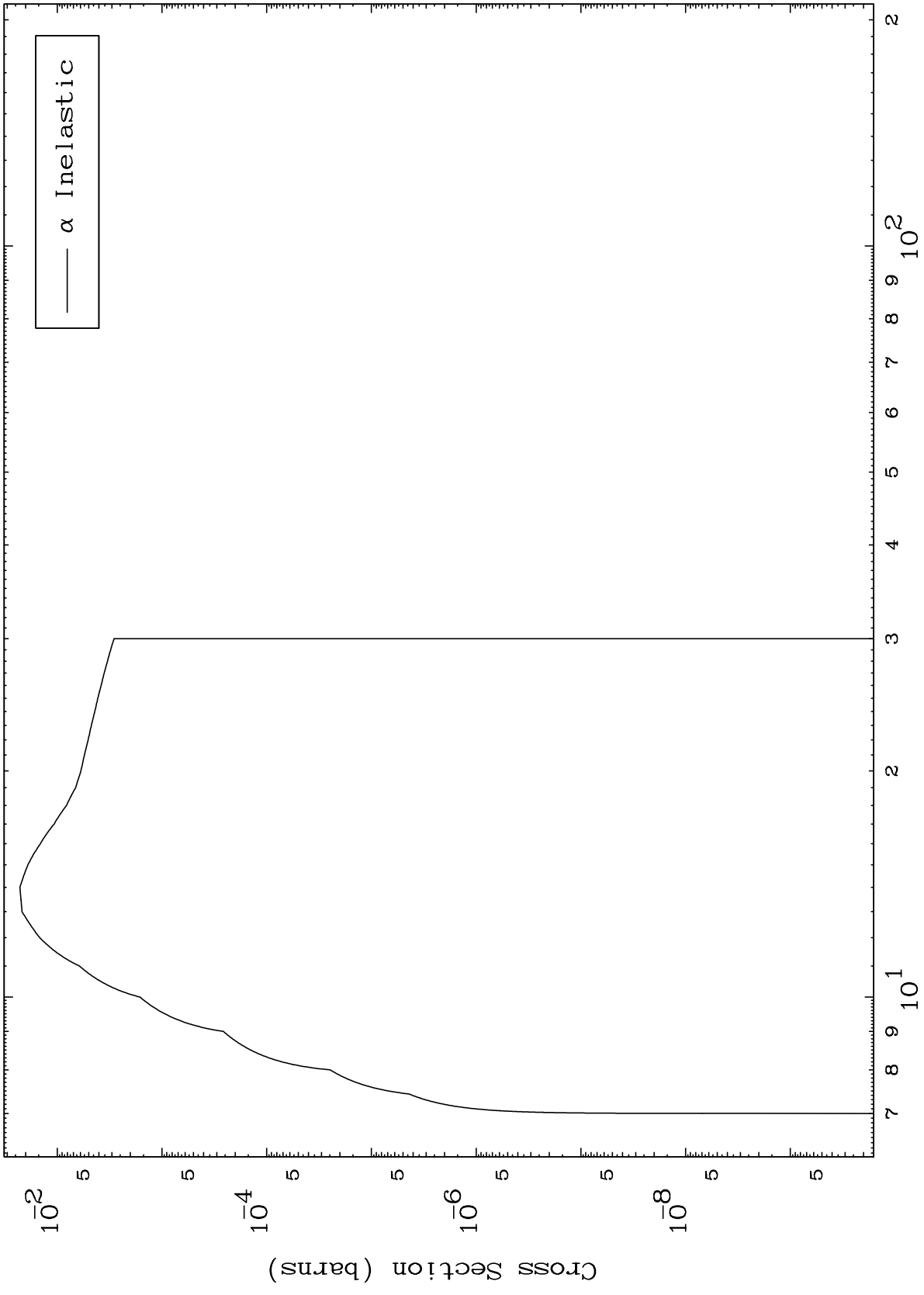
Incident Energy (MeV)

4

MAT 3510

(α, n') Level
0 Kelvin Cross Sections

35-Br-74



5

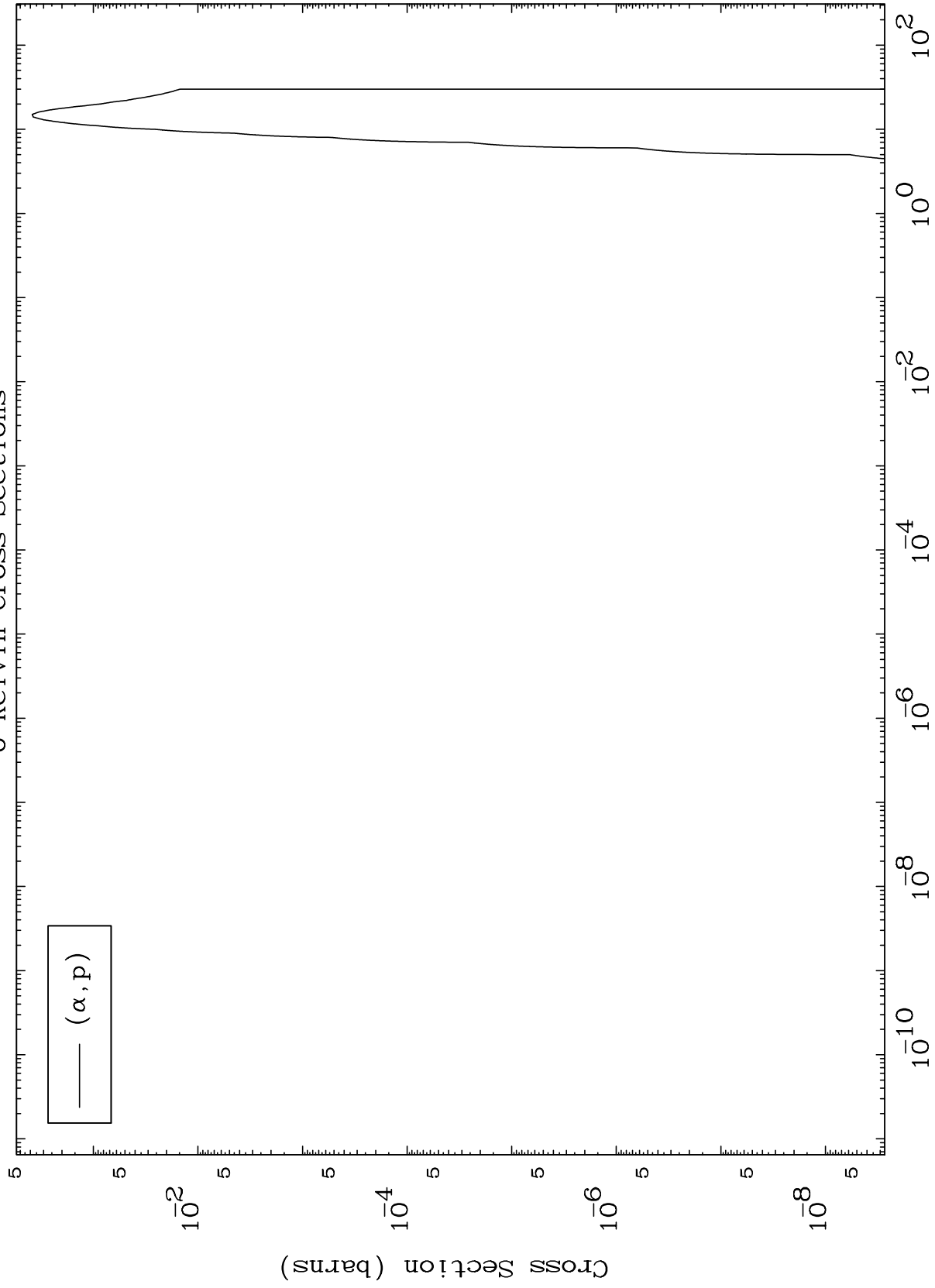
Incident Energy (MeV)

35-Br-74

MAT 3510

(α, p) Levels
0 Kelvin Cross Sections

35-Br-74



6

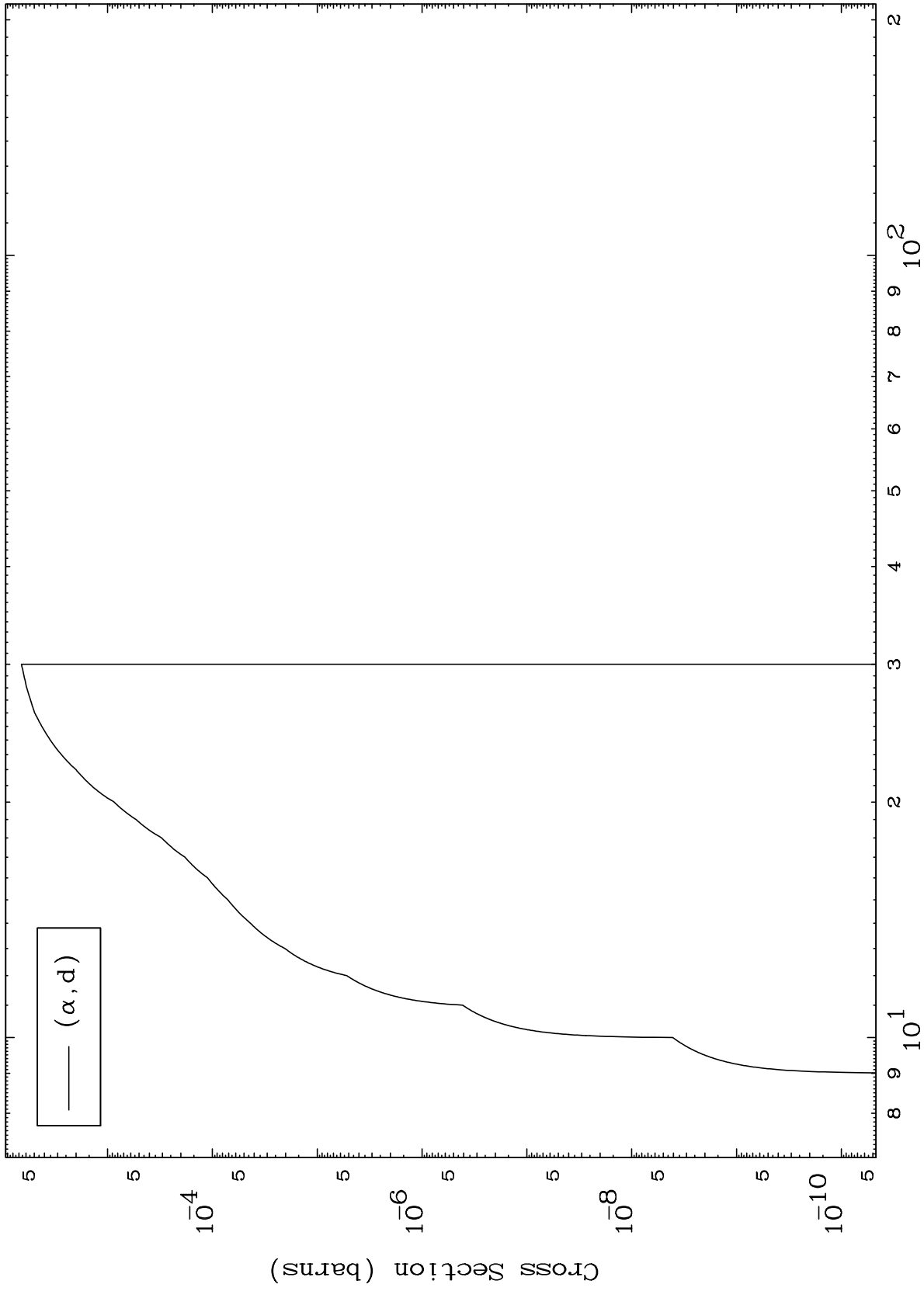
Incident Energy (MeV)

35-Br-74

MAT 3510

(α, d) Levels
0 Kelvin Cross Sections

35-Br-74



7

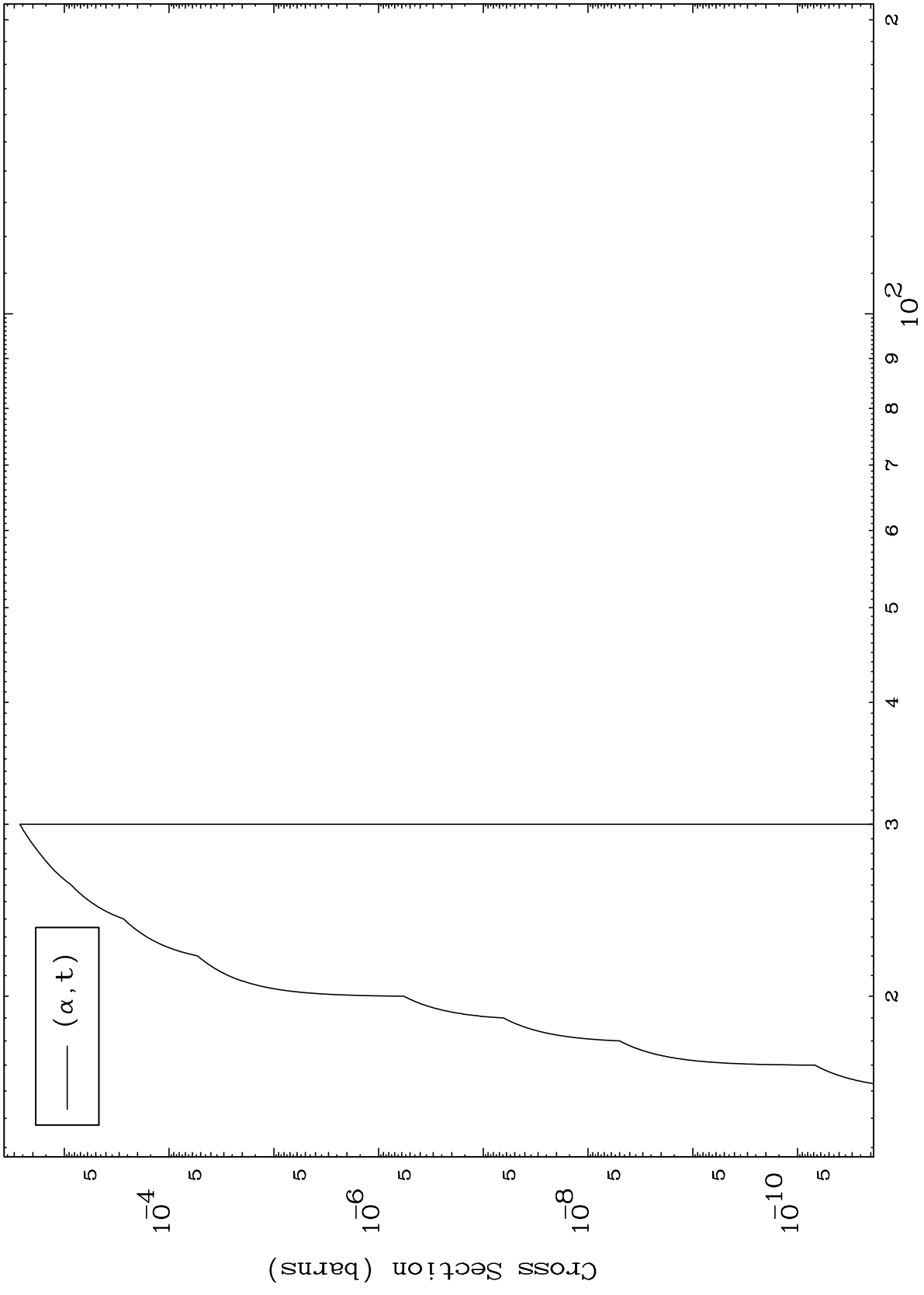
Incident Energy (MeV)

35-Br-74

MAT 3510

(α, t) Levels
0 Kelvin Cross Sections

35-Br-74



8

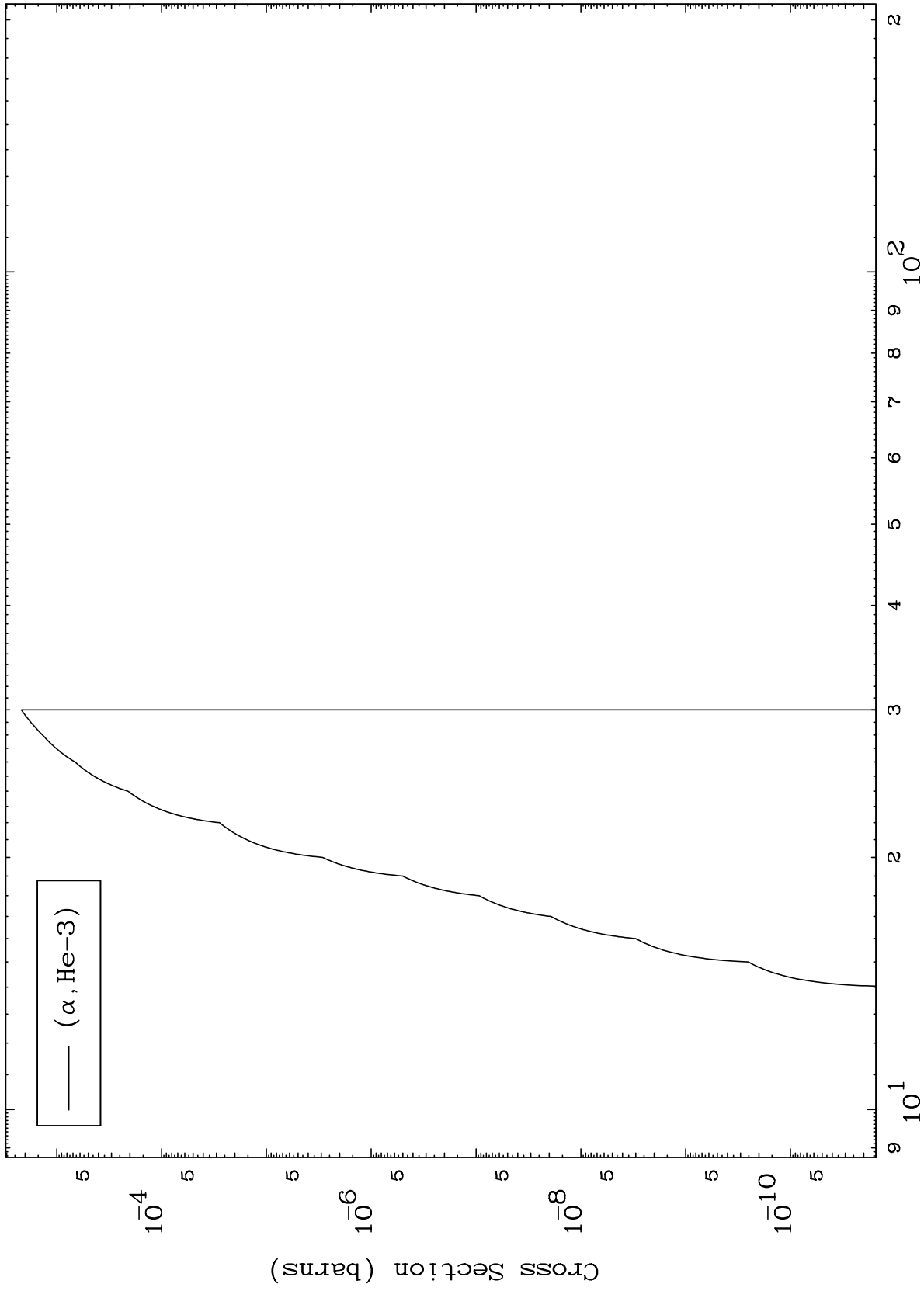
Incident Energy (MeV)

35-Br-74

MAT 3510

(α ,He3) Levels
0 Kelvin Cross Sections

35-Br-74



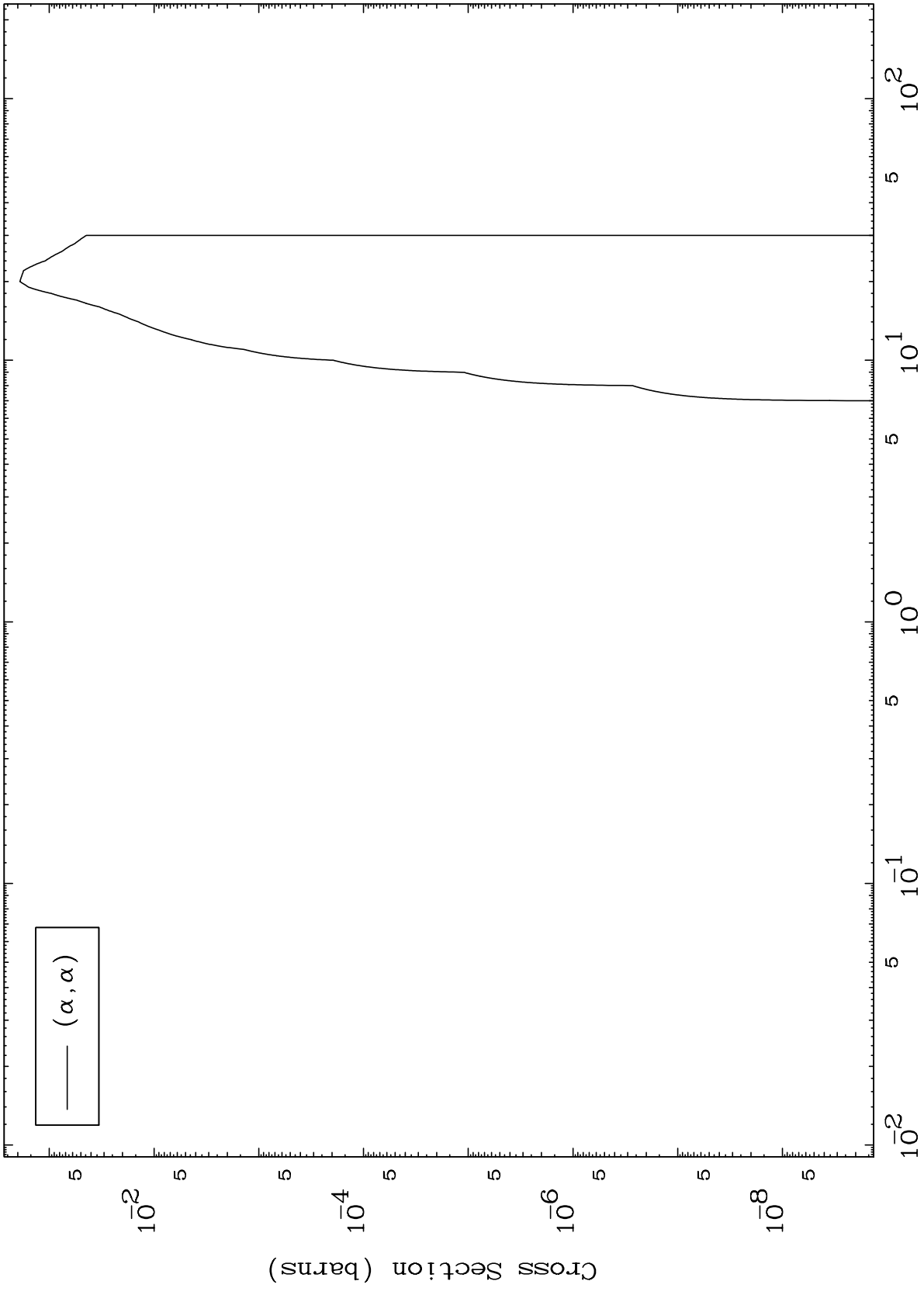
35-Br-74

Incident Energy (MeV)

MAT 3510

(α, α) Levels
0 Kelvin Cross Sections

35-Br-74



(α, α)

Incident Energy (MeV)

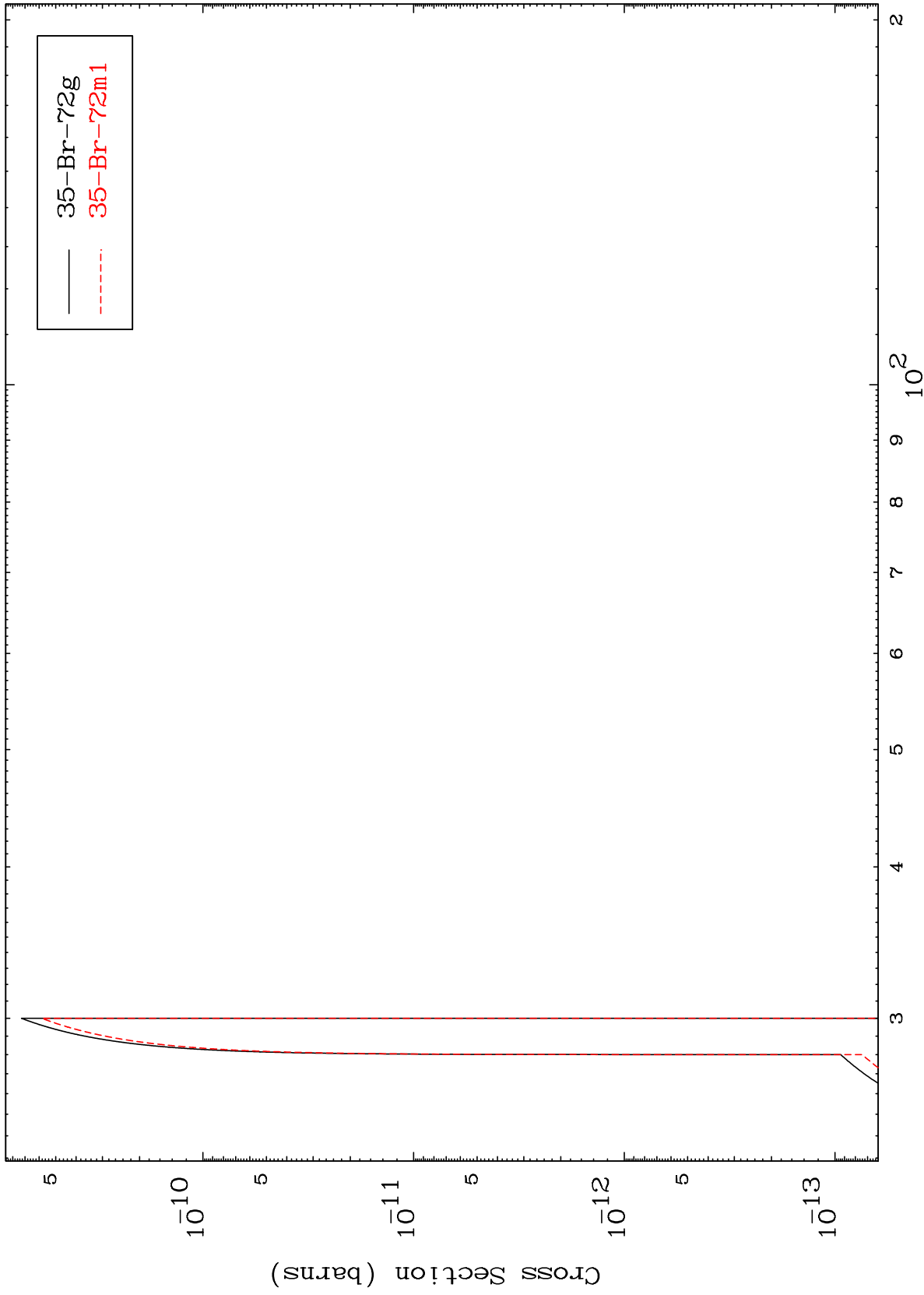
35-Br-74

MAT 3510

$(\alpha, 2n) \alpha$

$^{35}\text{Br-74}$

Radionuclide Production Cross Section



11

Incident Energy (MeV)

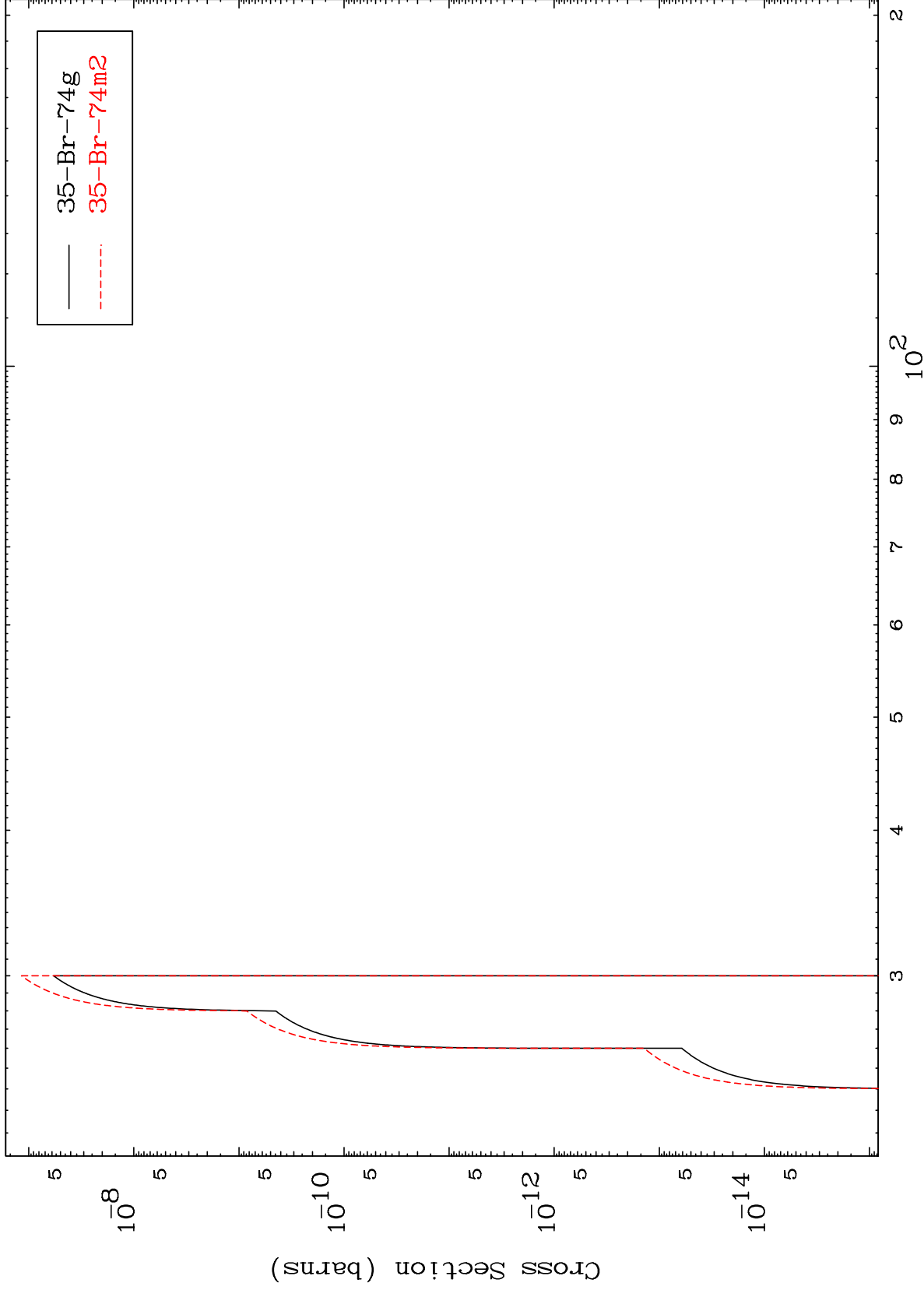
$^{35}\text{Br-74}$

MAT 3510

(α, n') He-3

³⁵Br-74

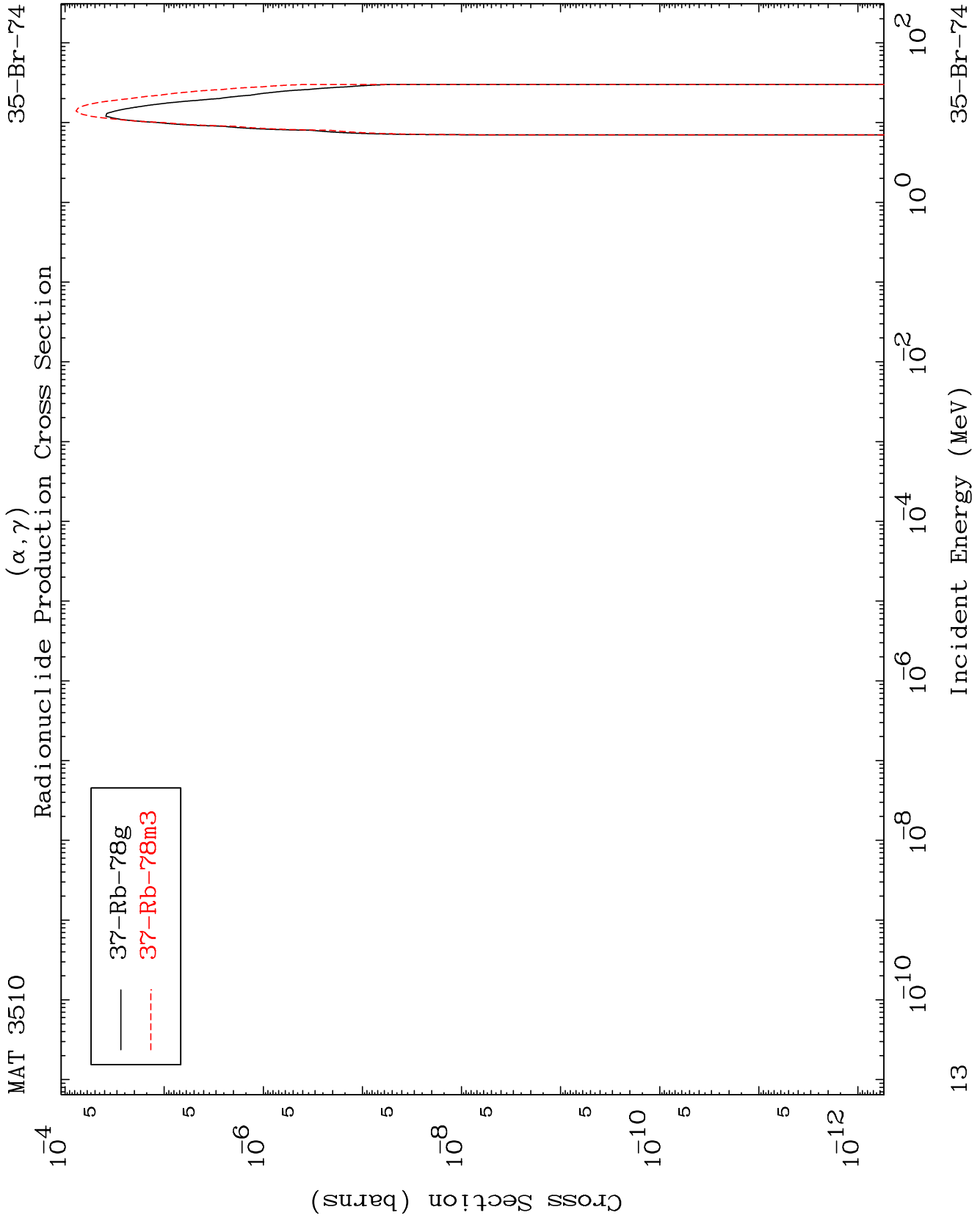
Radionuclide Production Cross Section



12

Incident Energy (MeV)

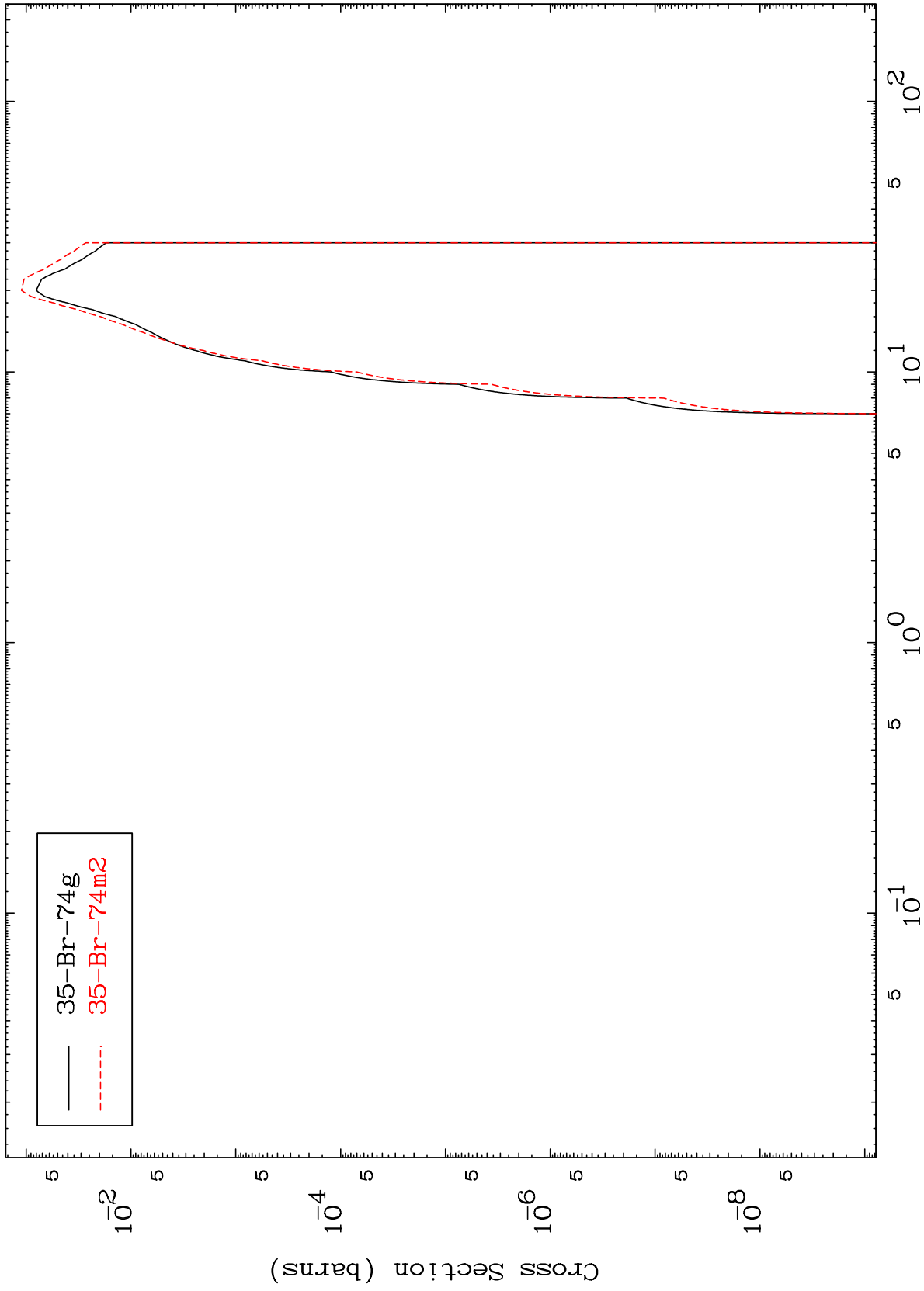
³⁵Br-74



MAT 3510

³⁵Br-74

Radionuclide Production Cross Section



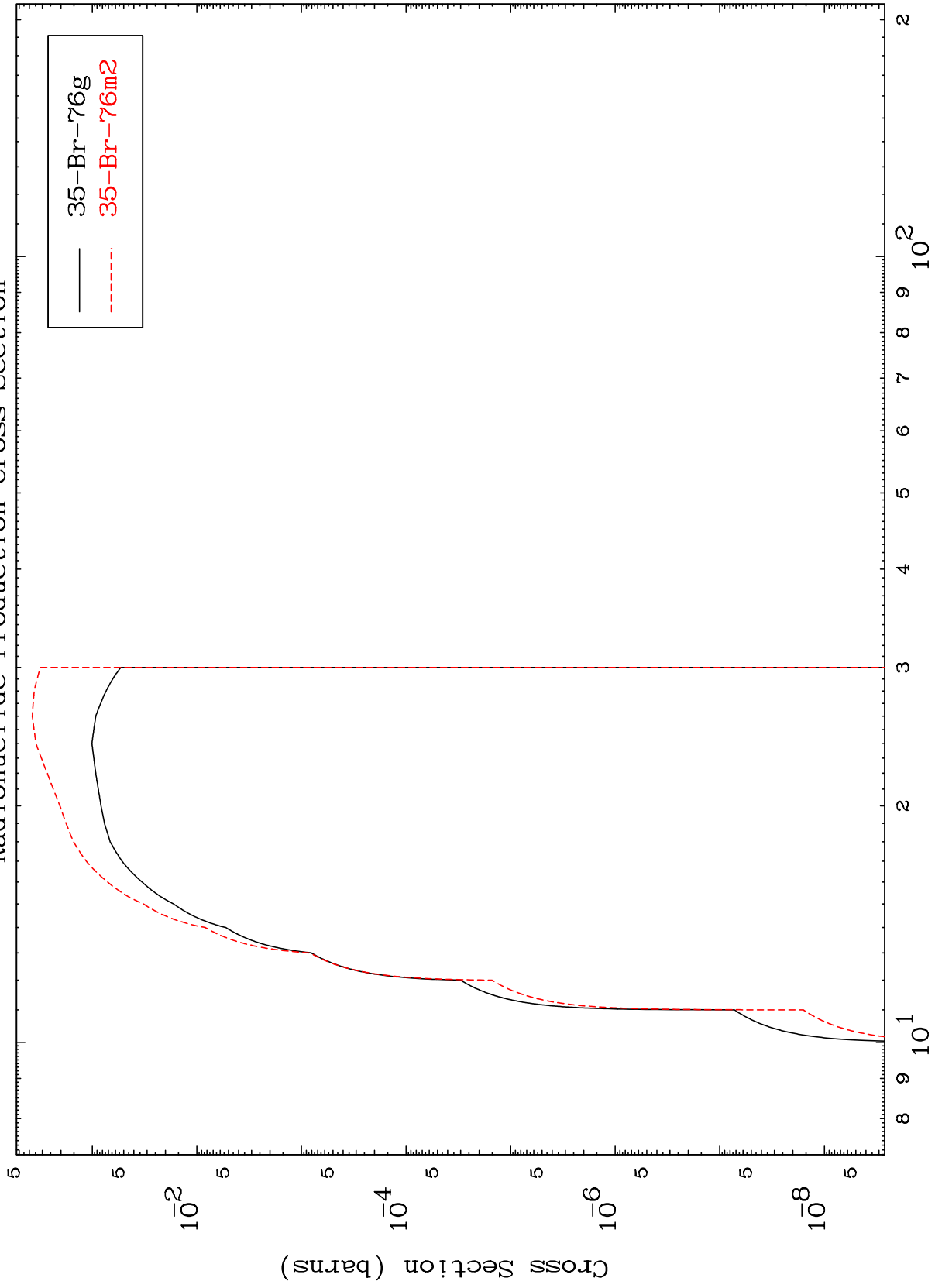
14

³⁵Br-74

MAT 3510

35-Br-74

($\alpha, 2p$)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

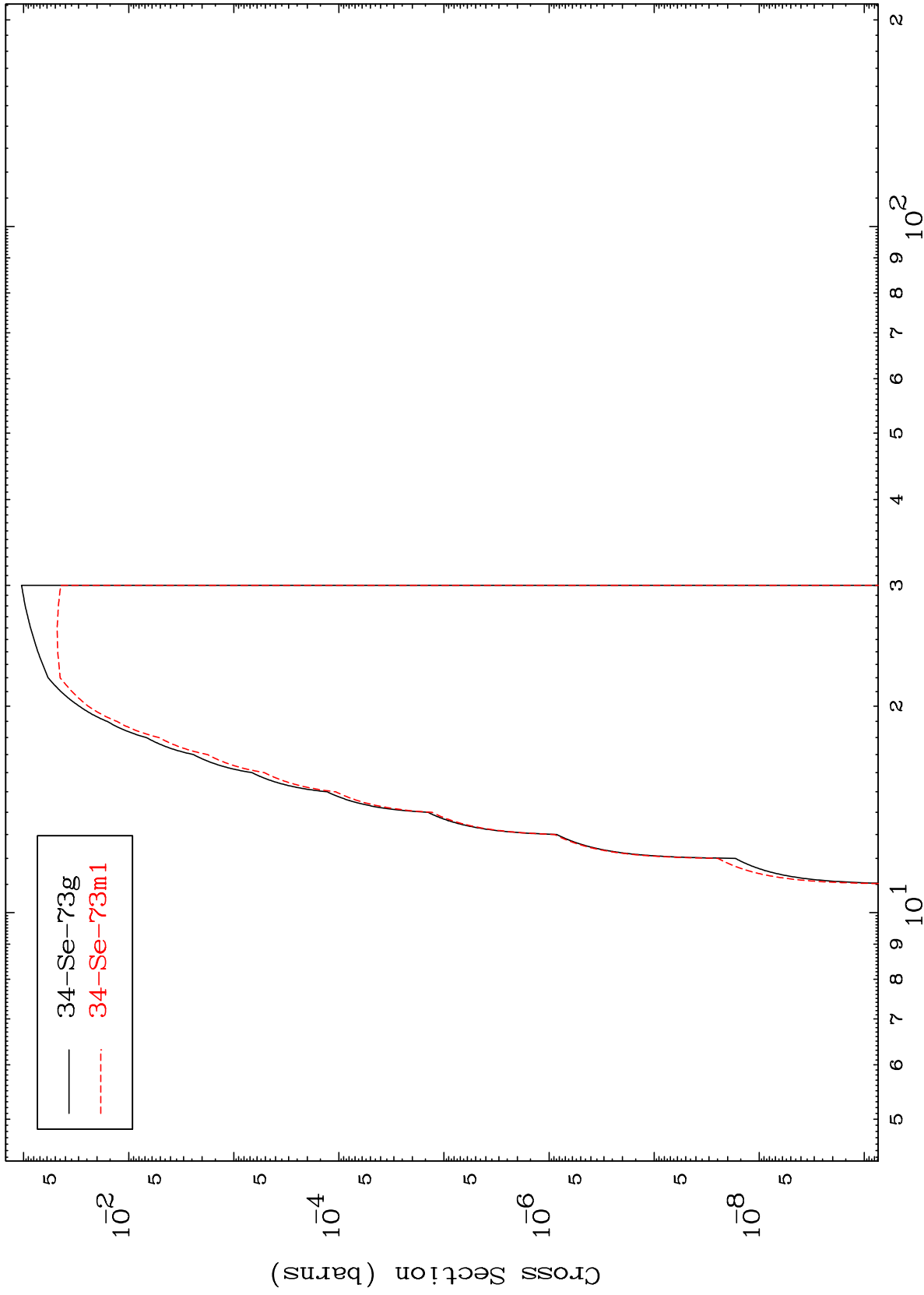
35-Br-74

MAT 3510

(α, p) α

$^{35}\text{Br-74}$

Radionuclide Production Cross Section



16

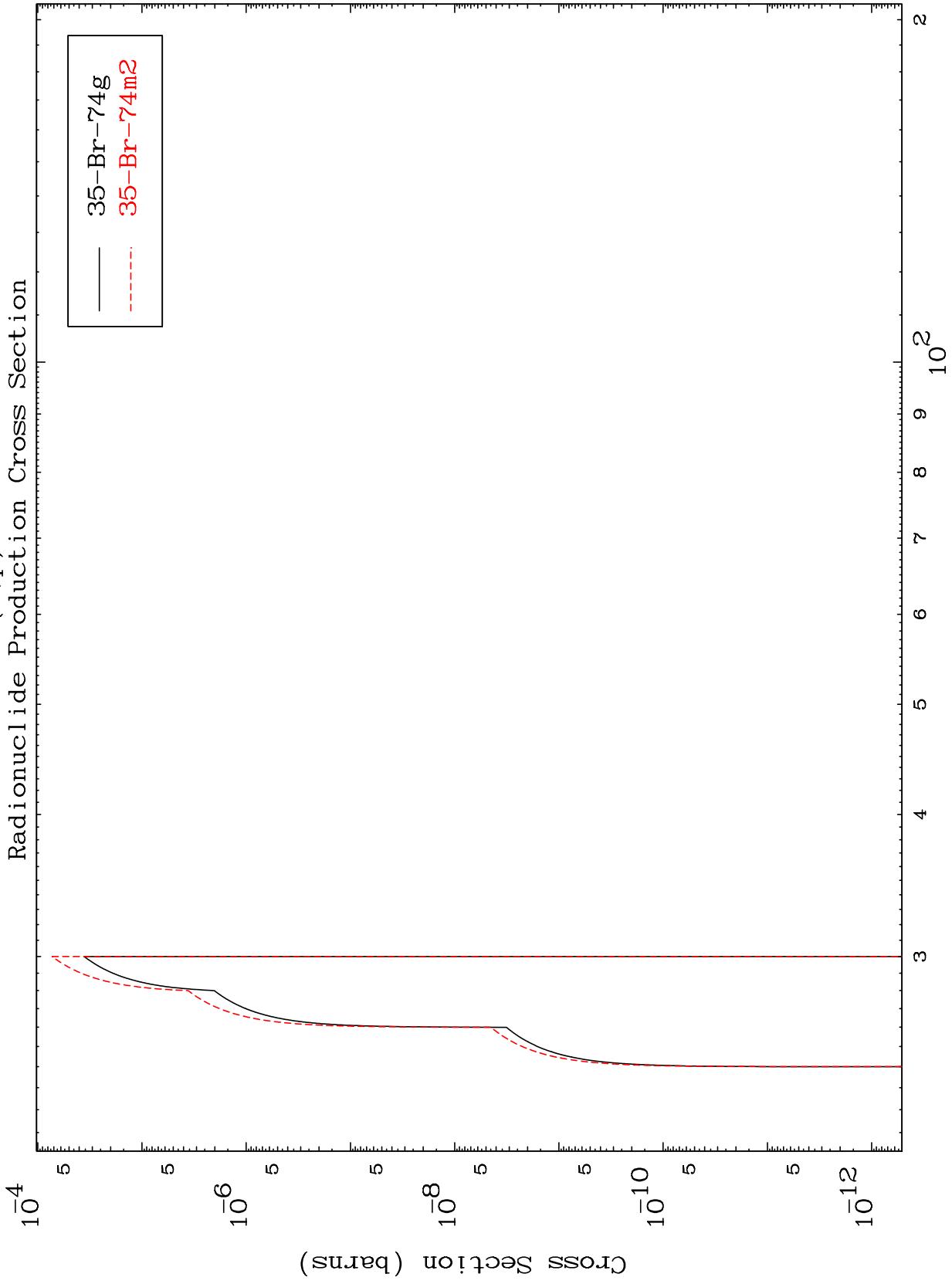
Incident Energy (MeV)

$^{35}\text{Br-74}$

MAT 3510

$(\alpha, p) t$

35-Br-74



35-Br-74

17