

Program EVALPLOT
(Version 2018-1)

by

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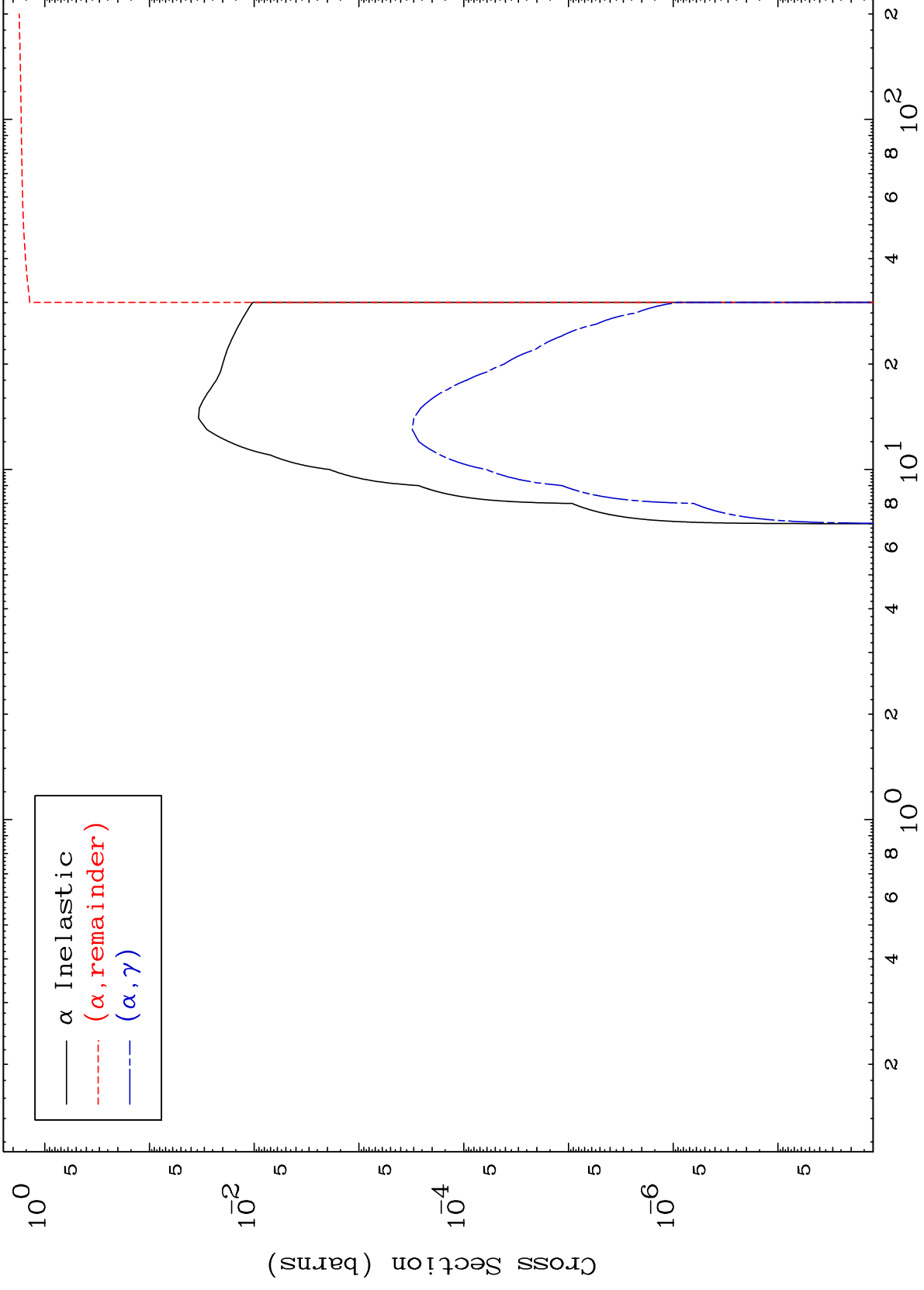
Press Mouse Button to Start

MAT 3510

α Major

35-Br-74

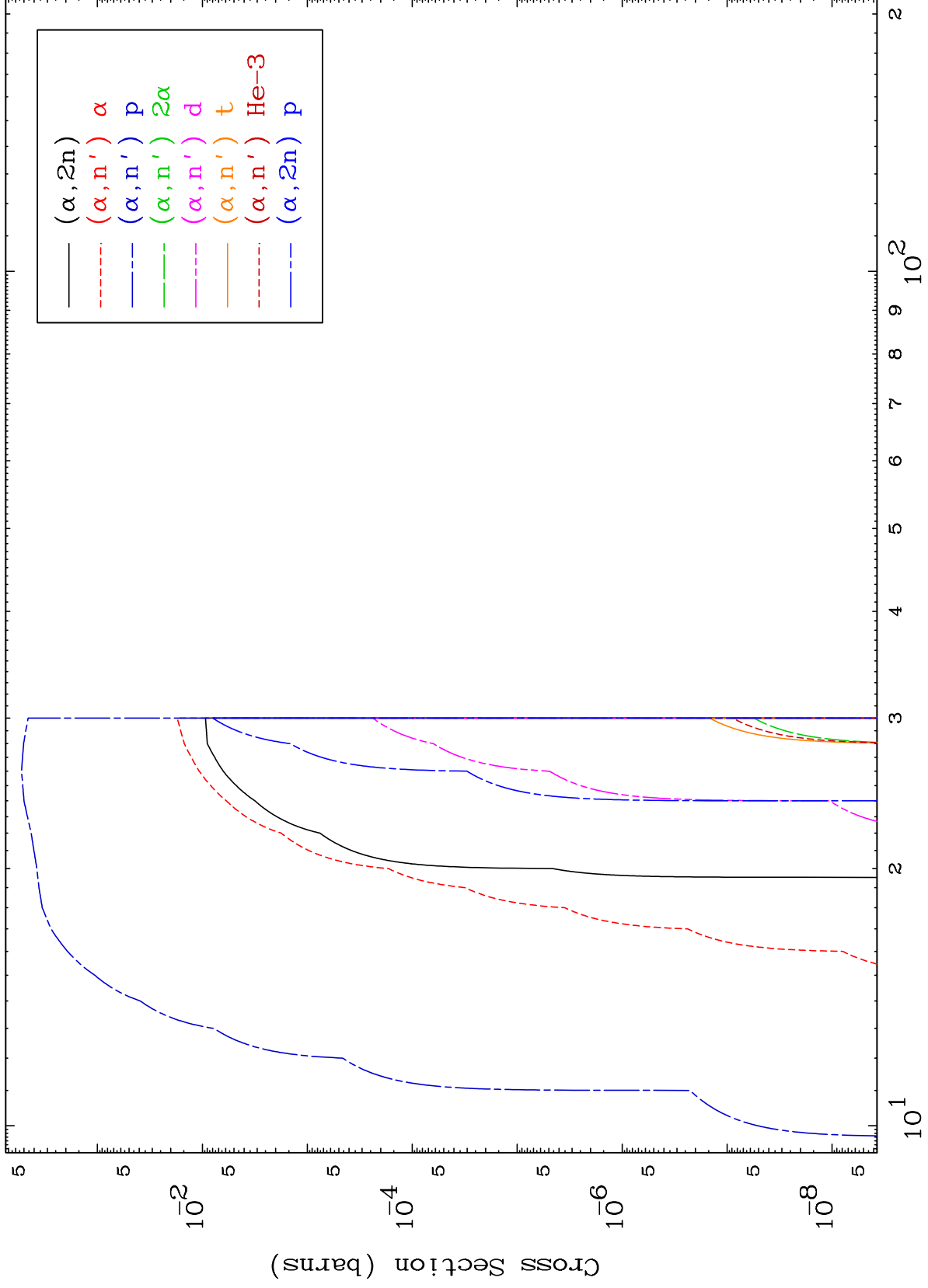
0 Kelvin Cross Sections



MAT 3510

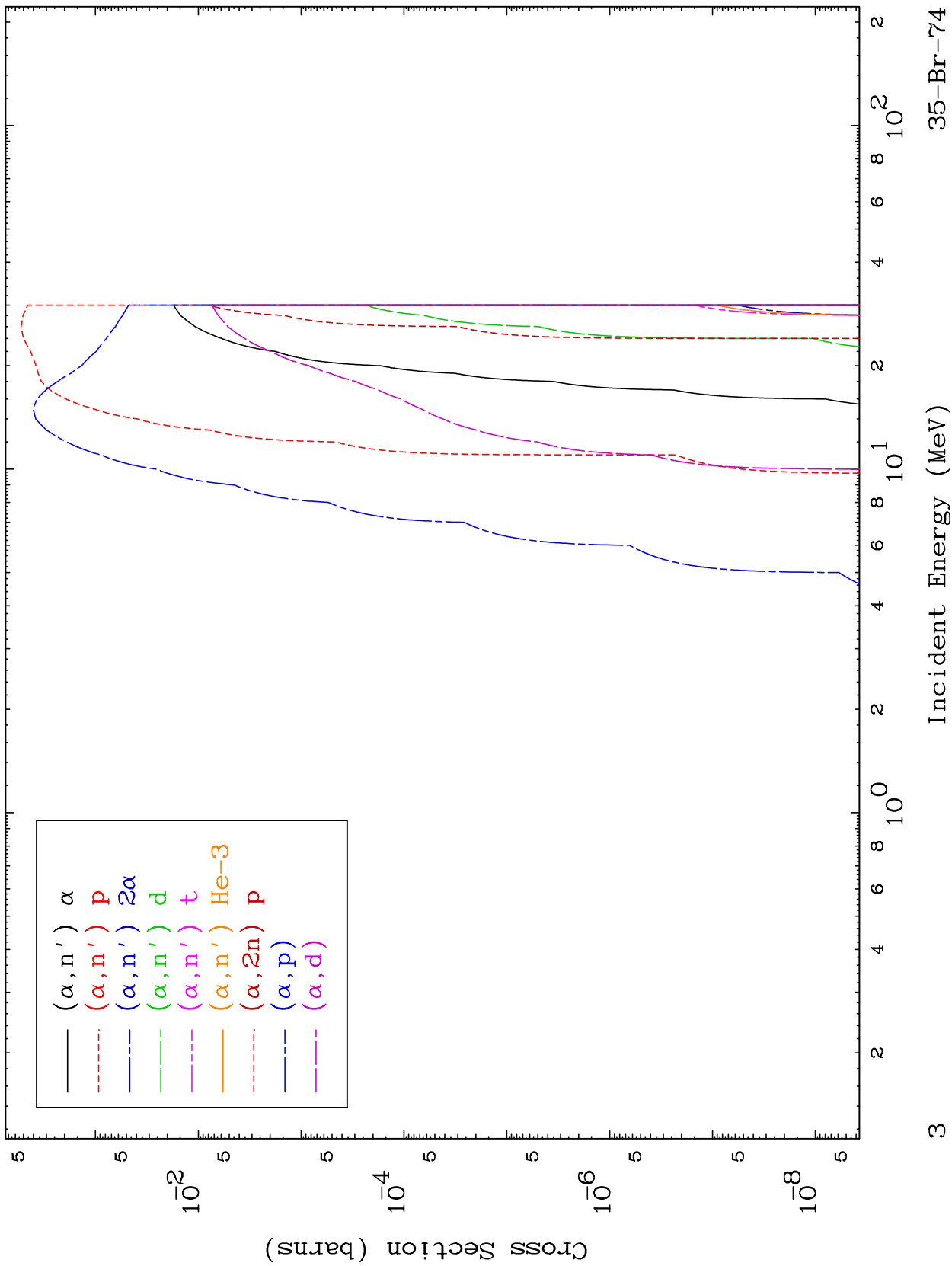
α Neutron Production
0 Kelvin Cross Sections

35-Br-74



Incident Energy (MeV)

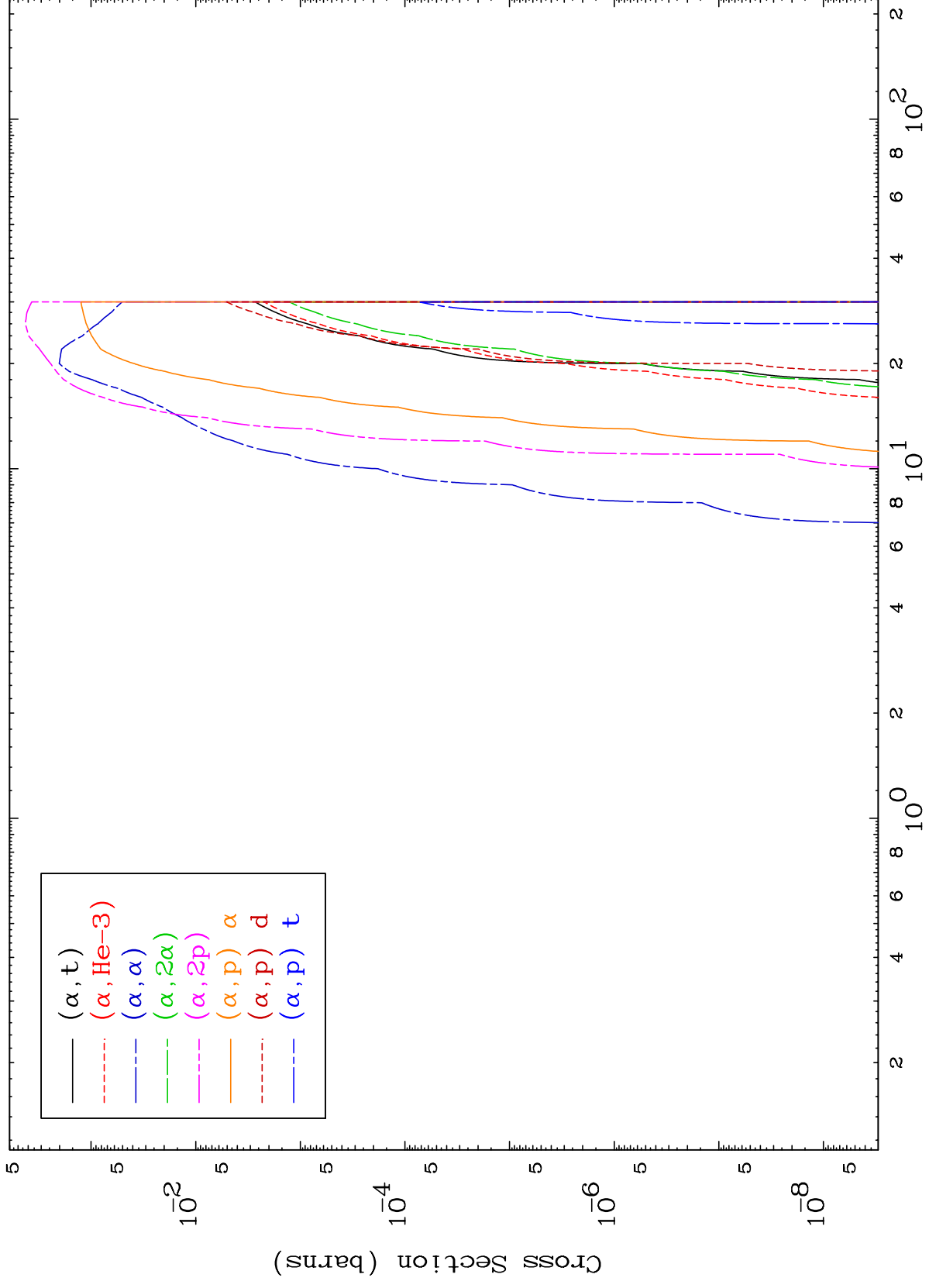
35-Br-74



MAT 3510

α Charged Particle
0 Kelvin Cross Sections

35-Br-74



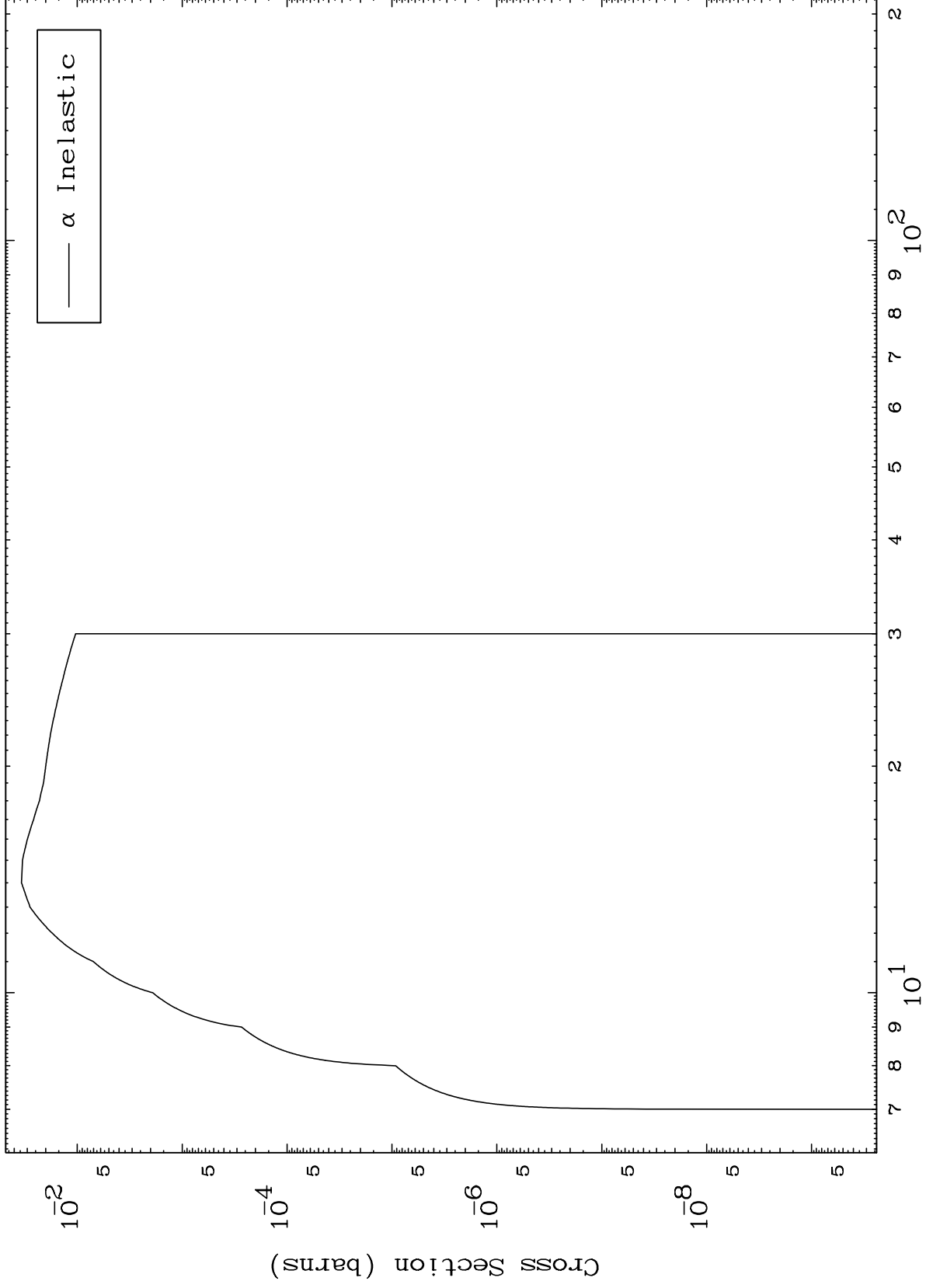
35-Br-74

Incident Energy (MeV)

MAT 3510

(α, n') Level
0 Kelvin Cross Sections

35-Br-74



5

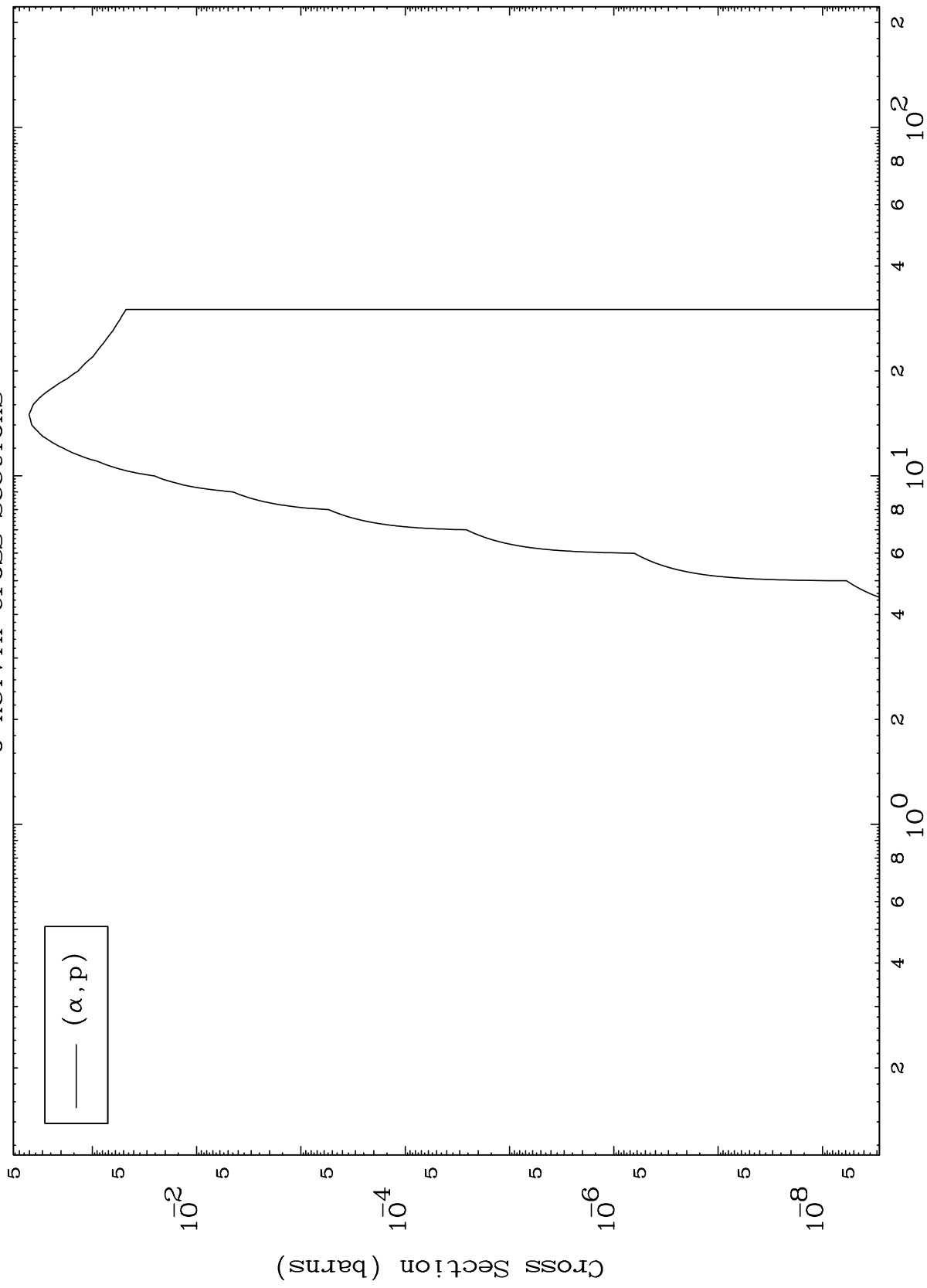
Incident Energy (MeV)

35-Br-74

MAT 3510

³⁵Br-74

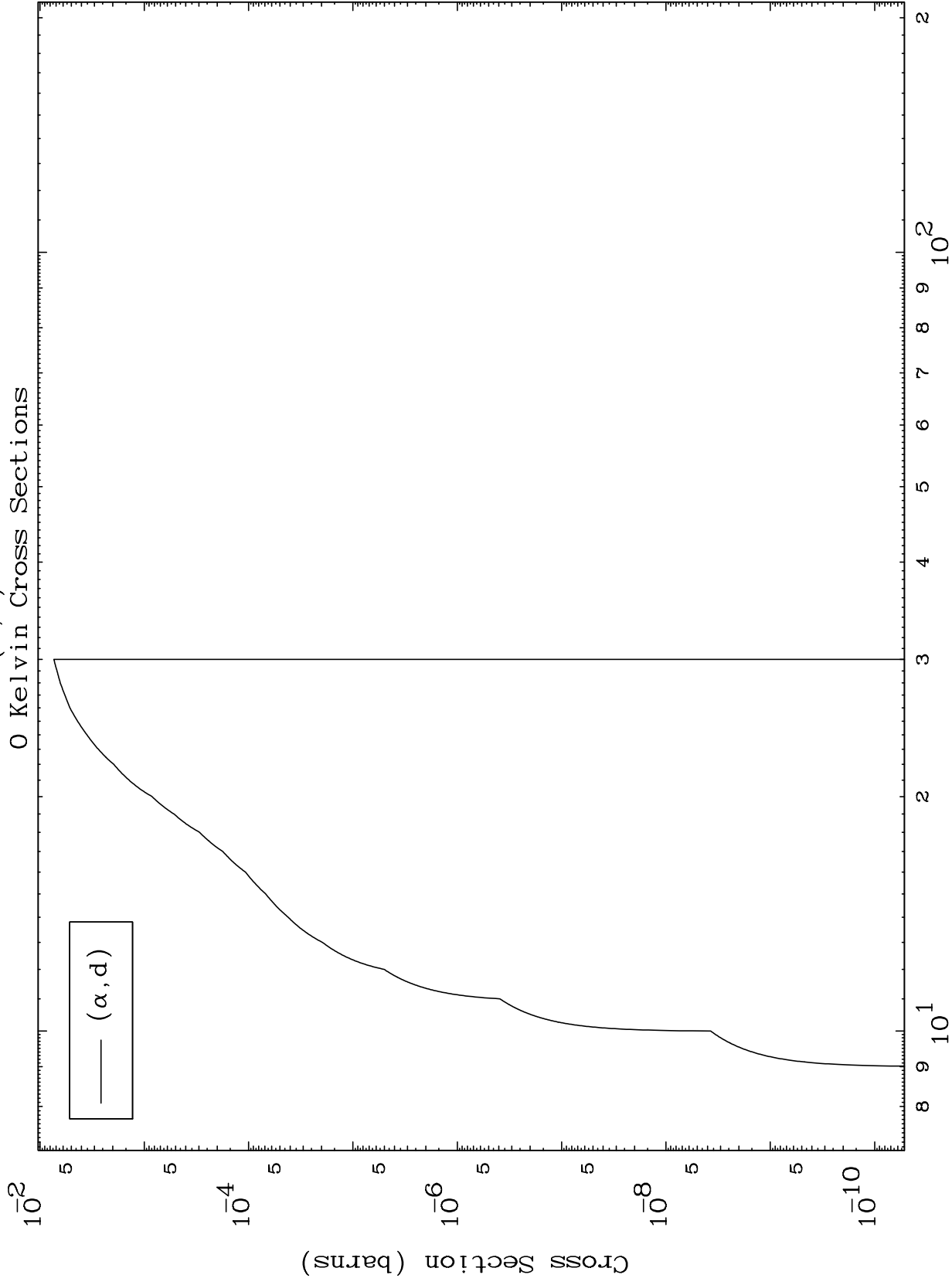
(α, p) Levels
0 Kelvin Cross Sections



MAT 3510

(α, d) Levels
0 Kelvin Cross Sections

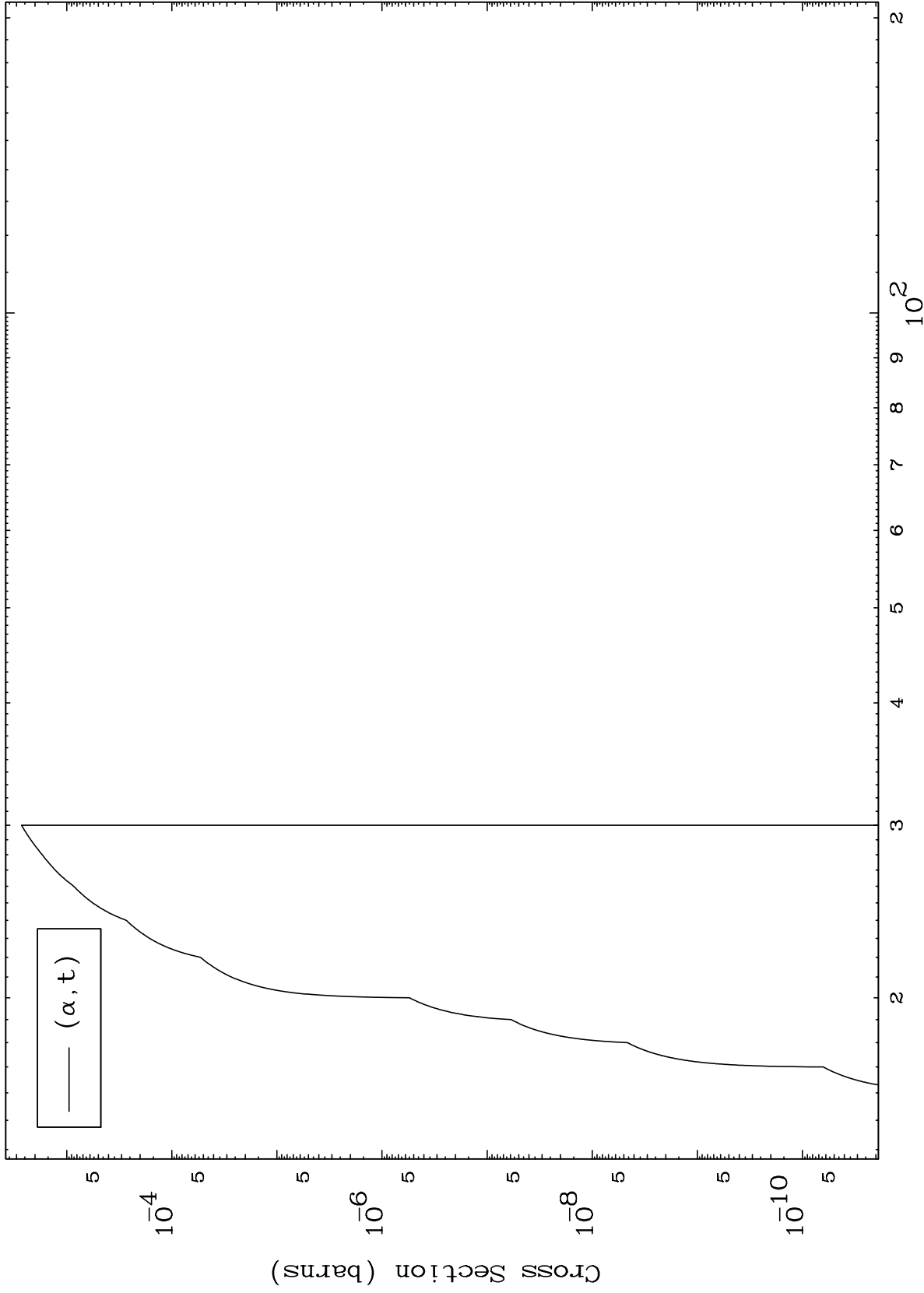
$^{35}\text{Br-74}$



7

Incident Energy (MeV)

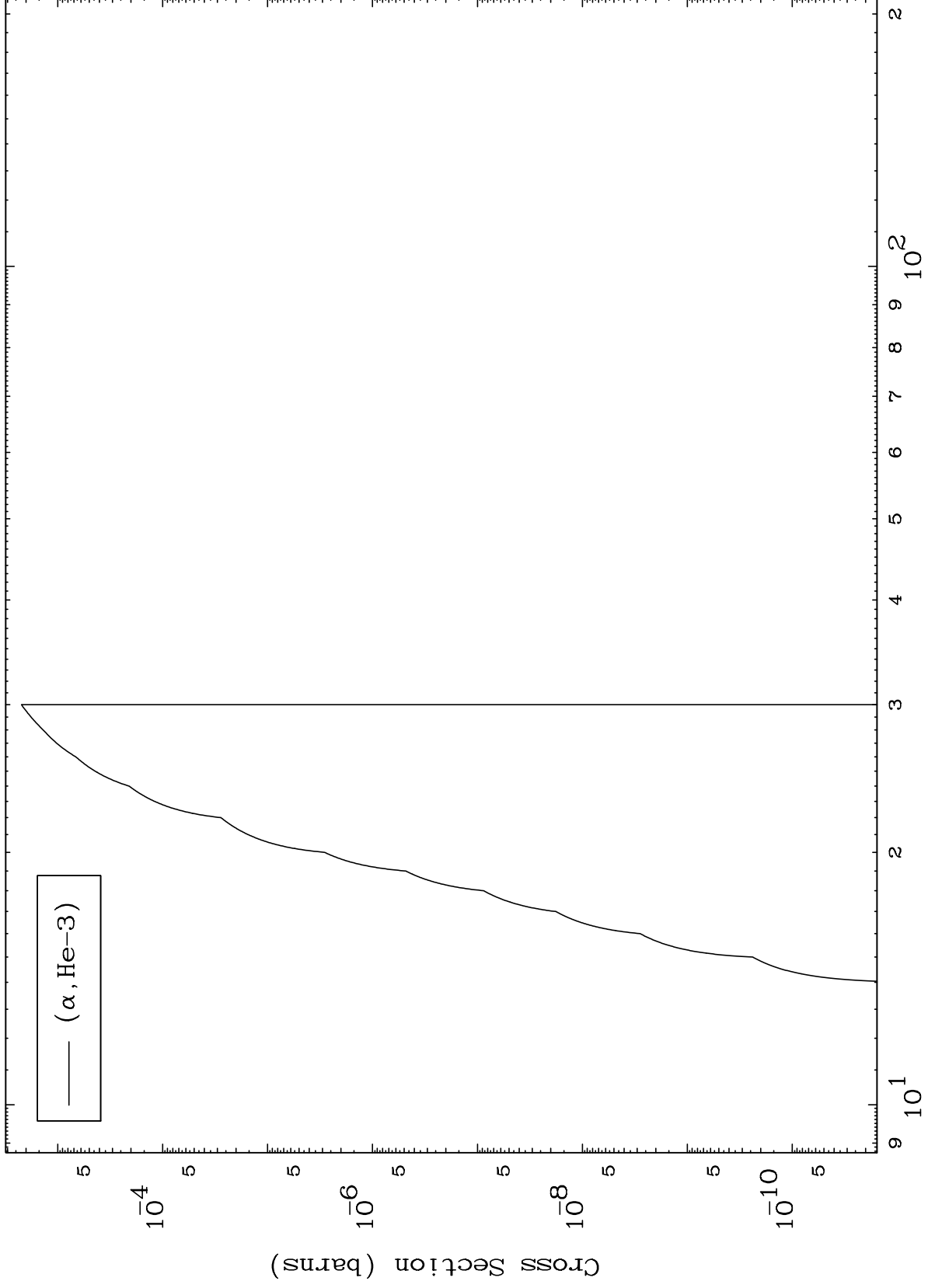
$^{35}\text{Br-74}$



MAT 3510

(α , He3) Levels
0 Kelvin Cross Sections

35-Br-74



9

Incident Energy (MeV)

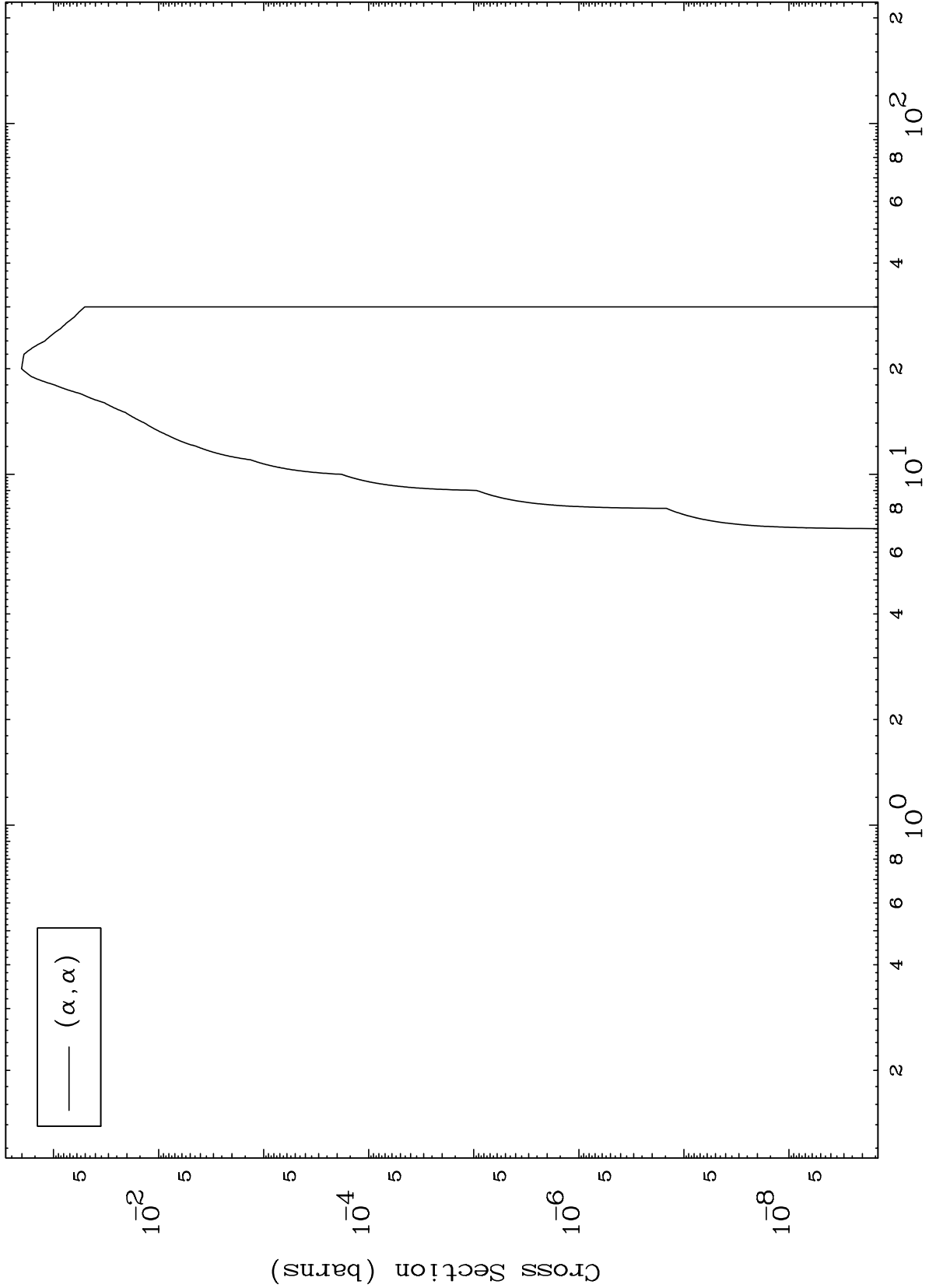
35-Br-74

MAT 3510

(α, α) Levels

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

0 Kelvin Cross Sections



(α, α)

10

Incident Energy (MeV)

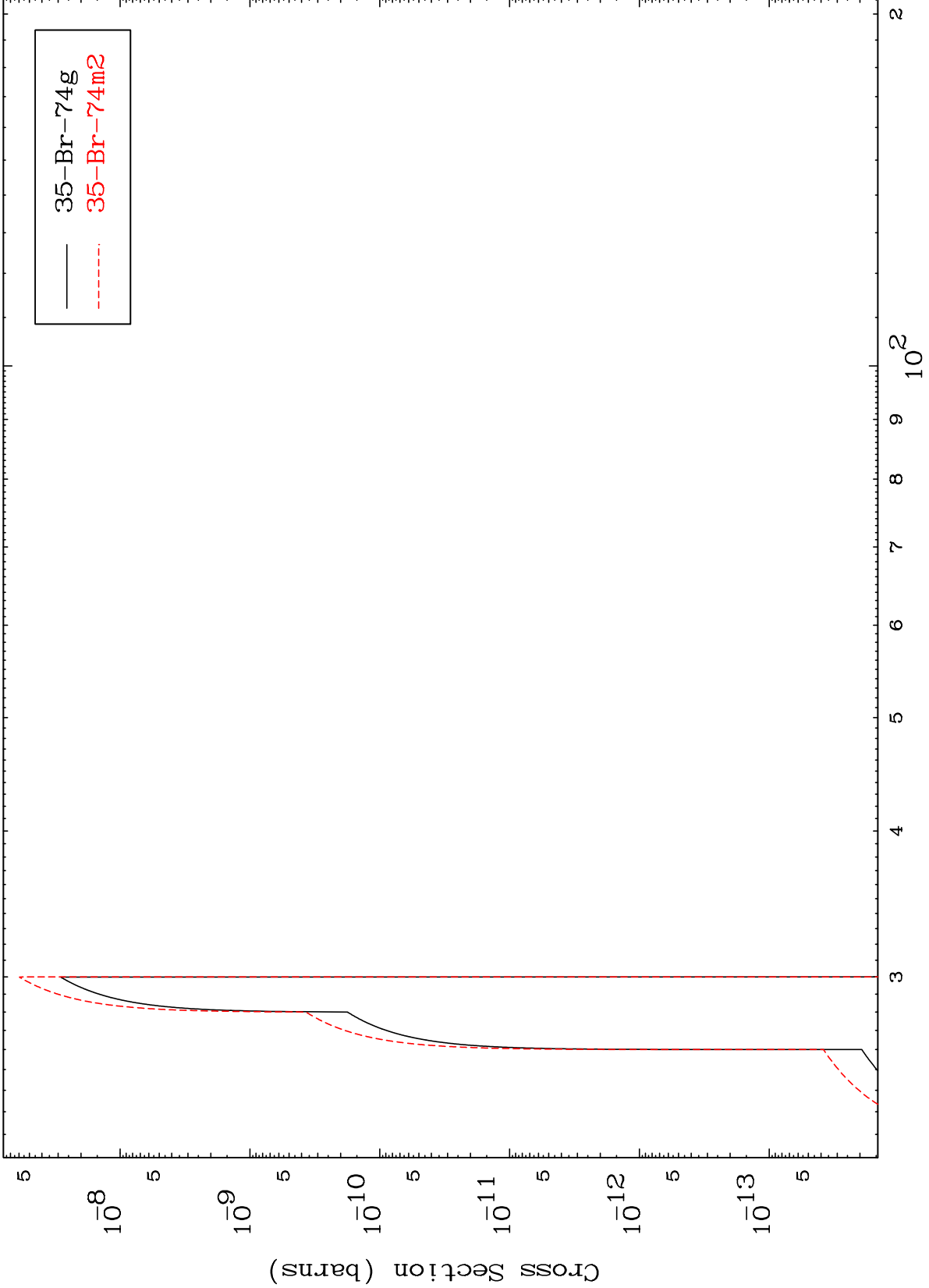
$^{35}\text{Br-74}$

MAT 3510

(α, n') He-3

35-Br-74

Radionuclide Production Cross Section



11

Incident Energy (MeV)

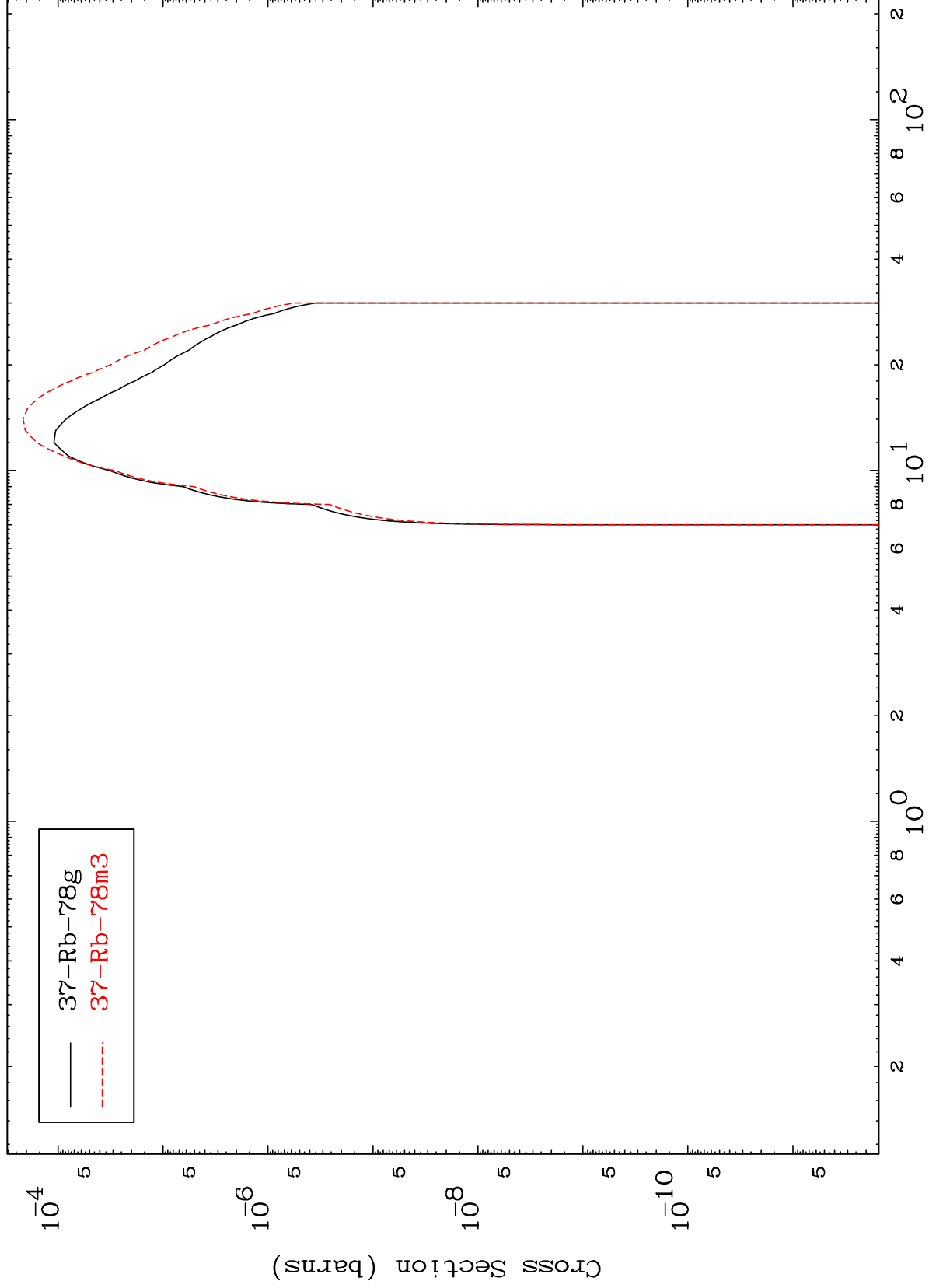
35-Br-74

MAT 3510

(α, γ)

³⁵Br-74

Radionuclide Production Cross Section



— 37-Rb-78g
- - - 37-Rb-78m3

12

Incident Energy (MeV)

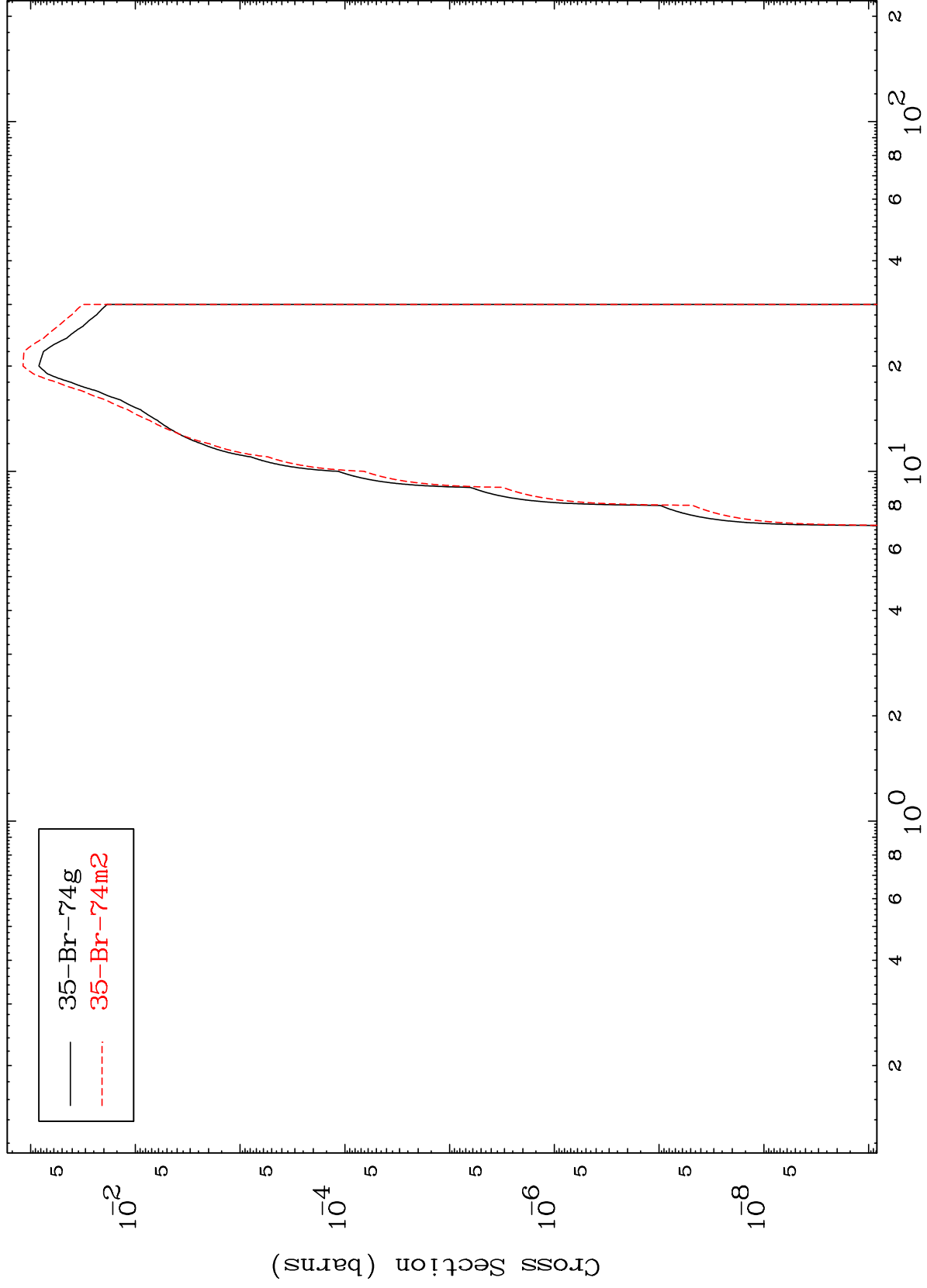
³⁵Br-74

MAT 3510

(α, α)

³⁵Br-74

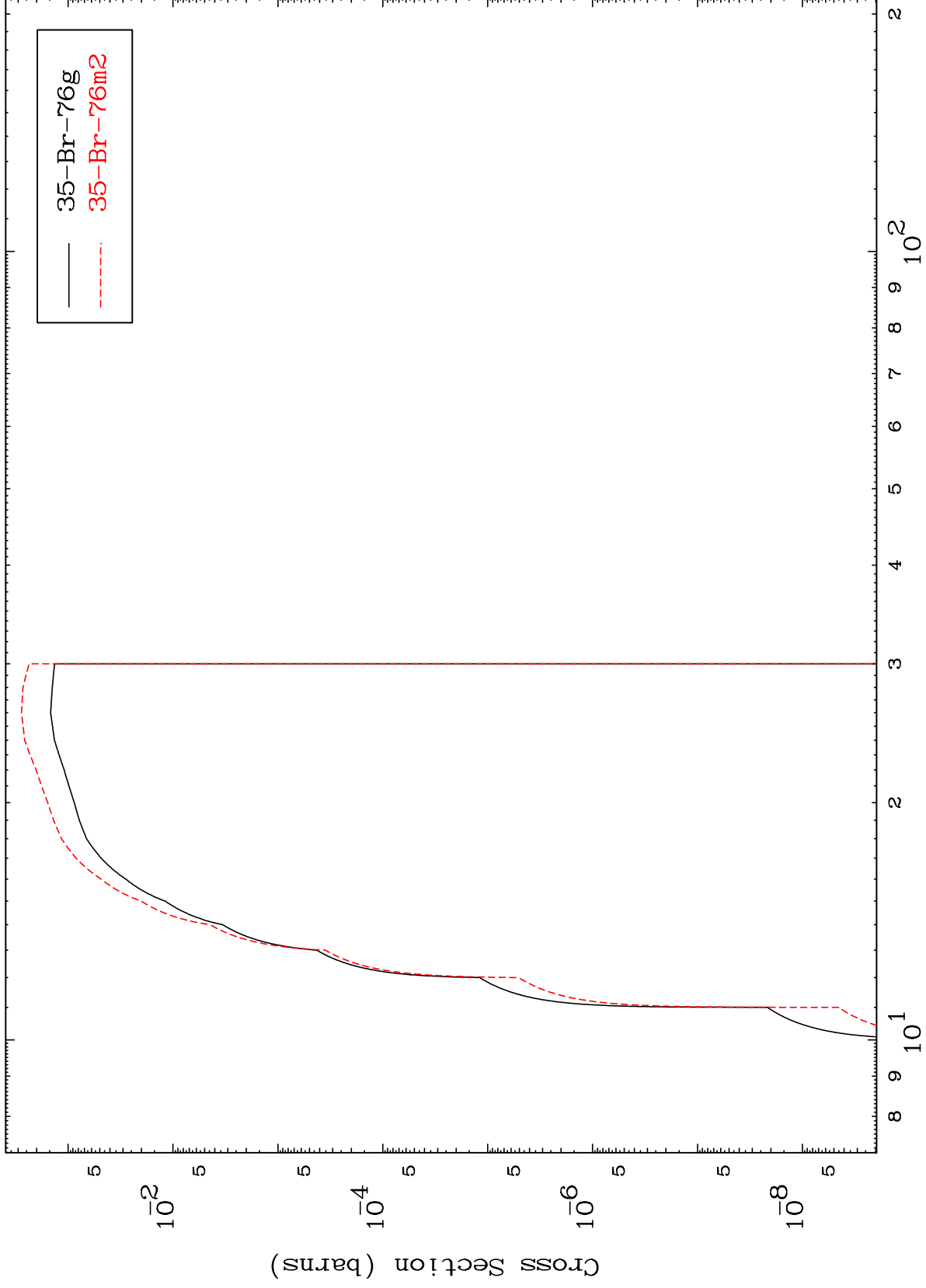
Radionuclide Production Cross Section



MAT 3510

³⁵Br-74

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



14

Incident Energy (MeV)

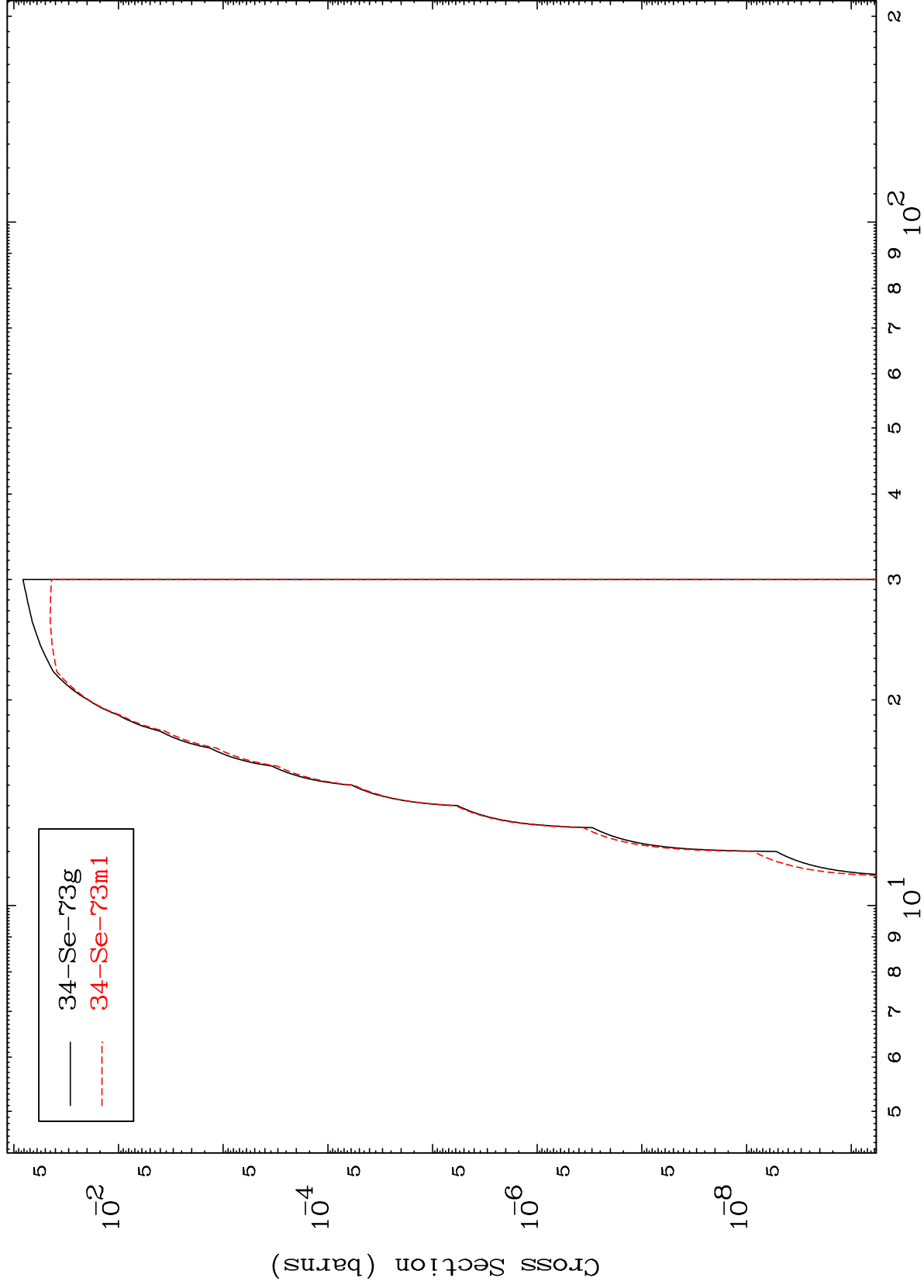
³⁵Br-74

MAT 3510

(α, p) α

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

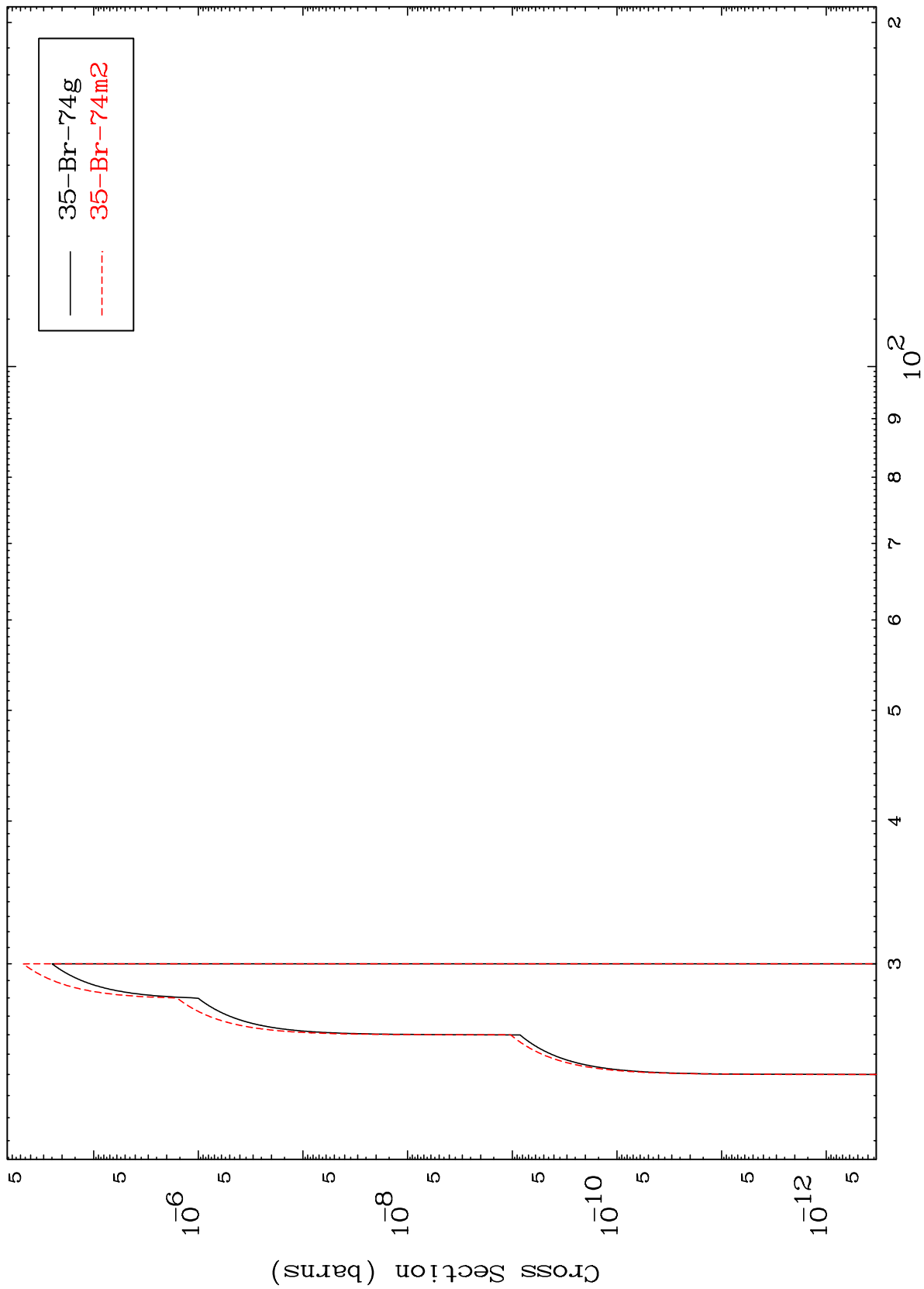
$^{35}\text{Br-74}$

MAT 3510

(α, p) t

³⁵Br-⁷⁴

Radionuclide Production Cross Section



16

Incident Energy (MeV)

³⁵Br-⁷⁴