

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

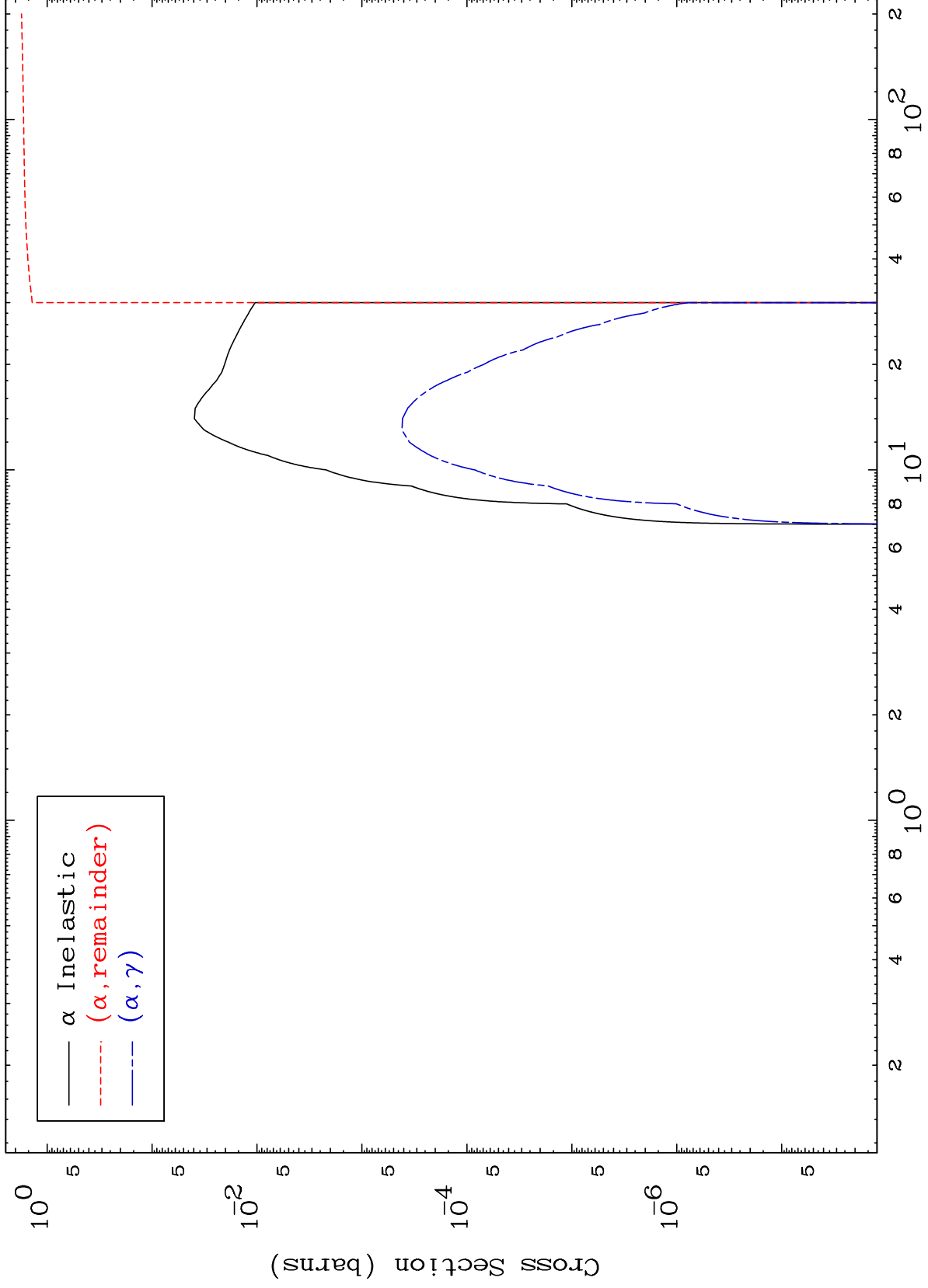
Press Mouse Button to Start

MAT 3511

α Major

35-Br-74

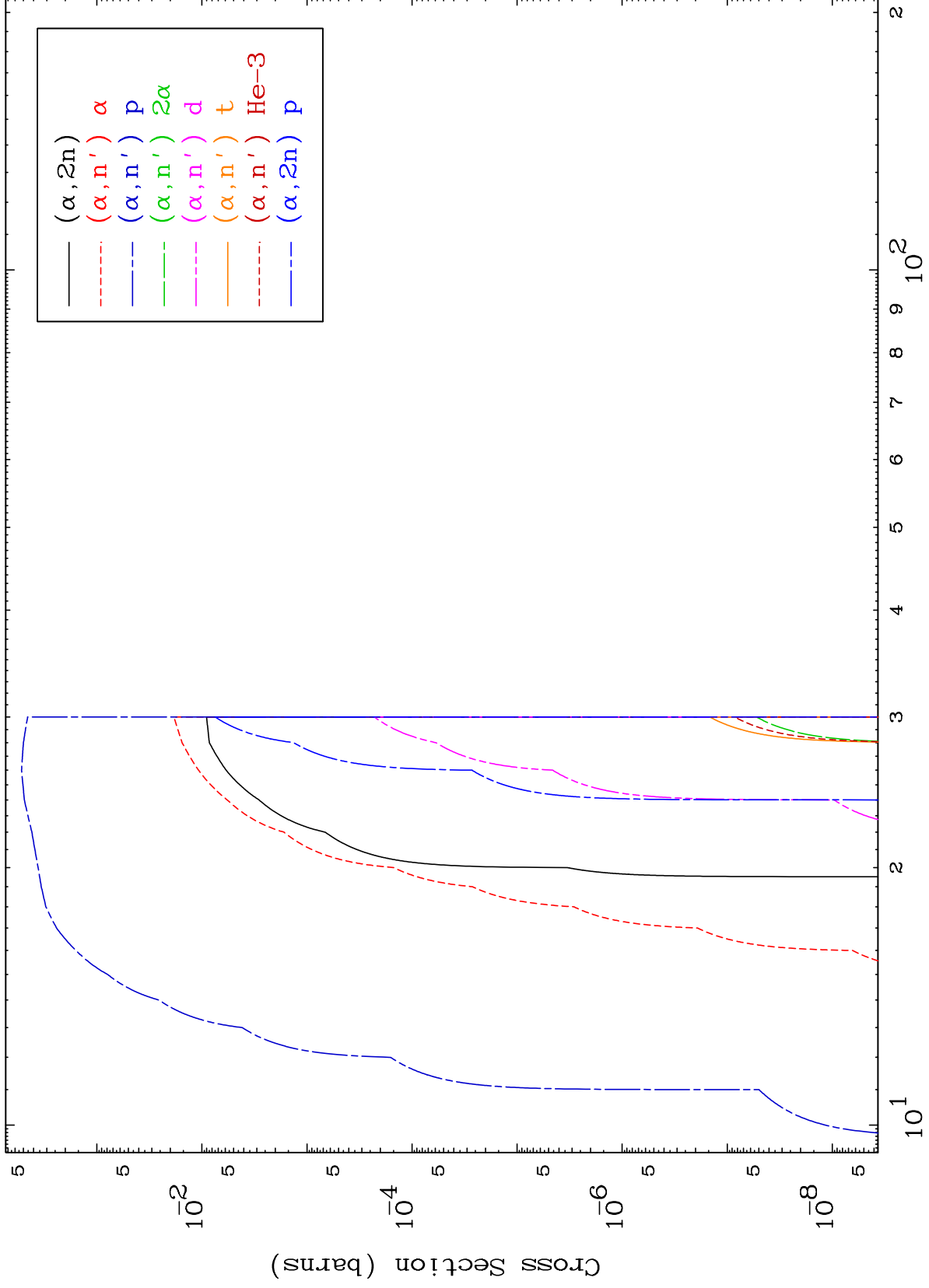
0 Kelvin Cross Sections



MAT 3511

α Neutron Production
0 Kelvin Cross Sections

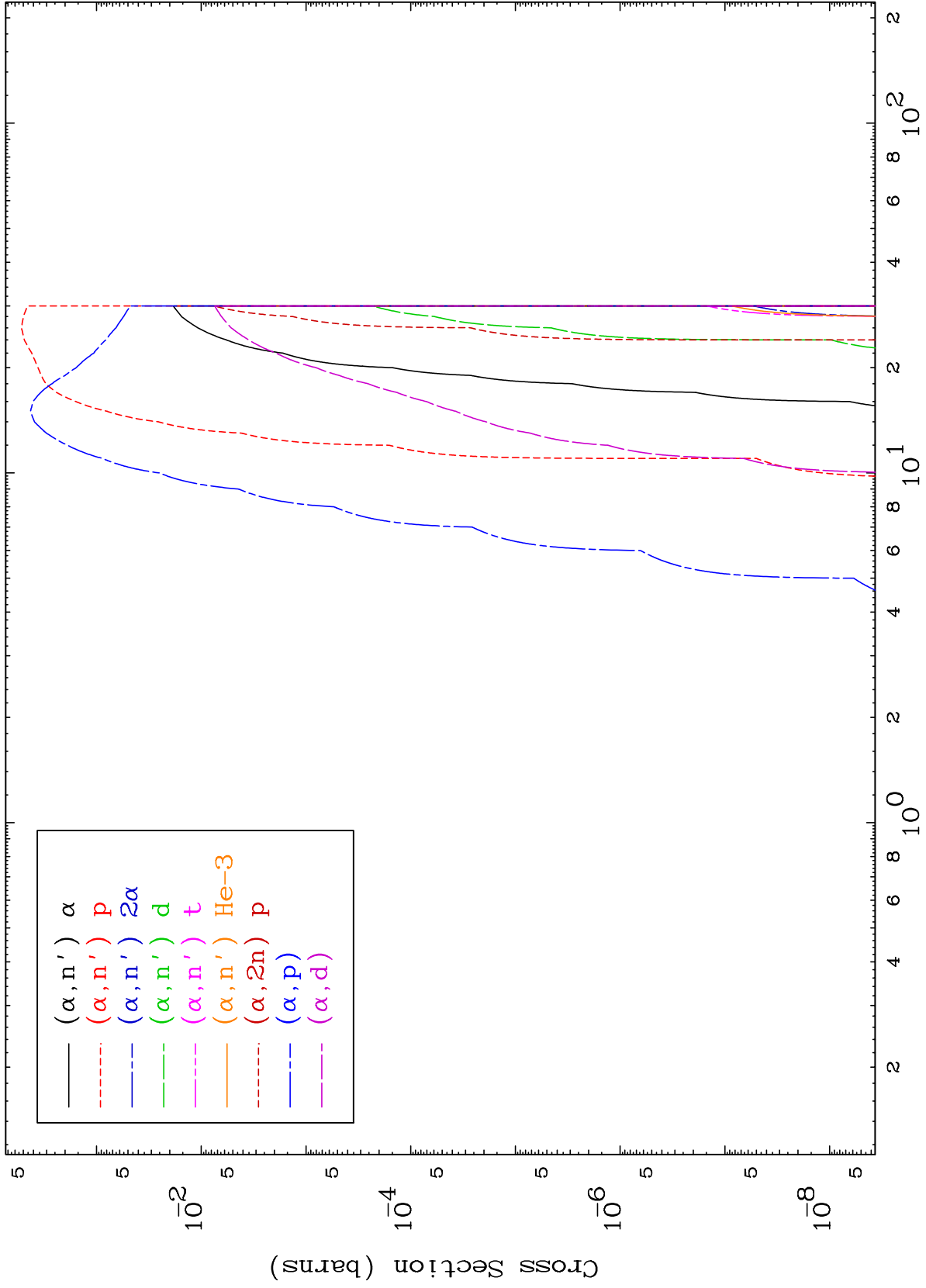
35-Br-74

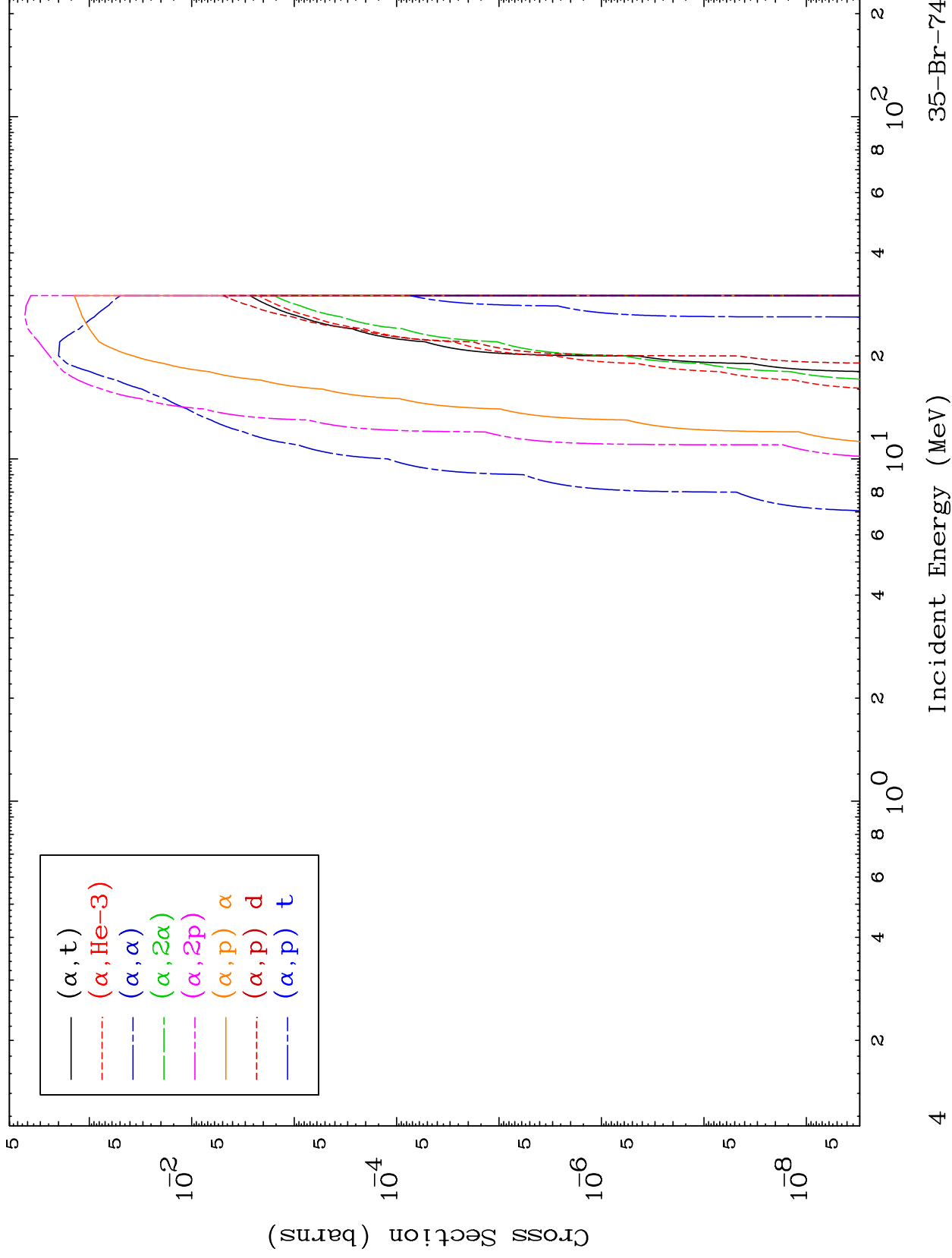


35-Br-74

Incident Energy (MeV)

2

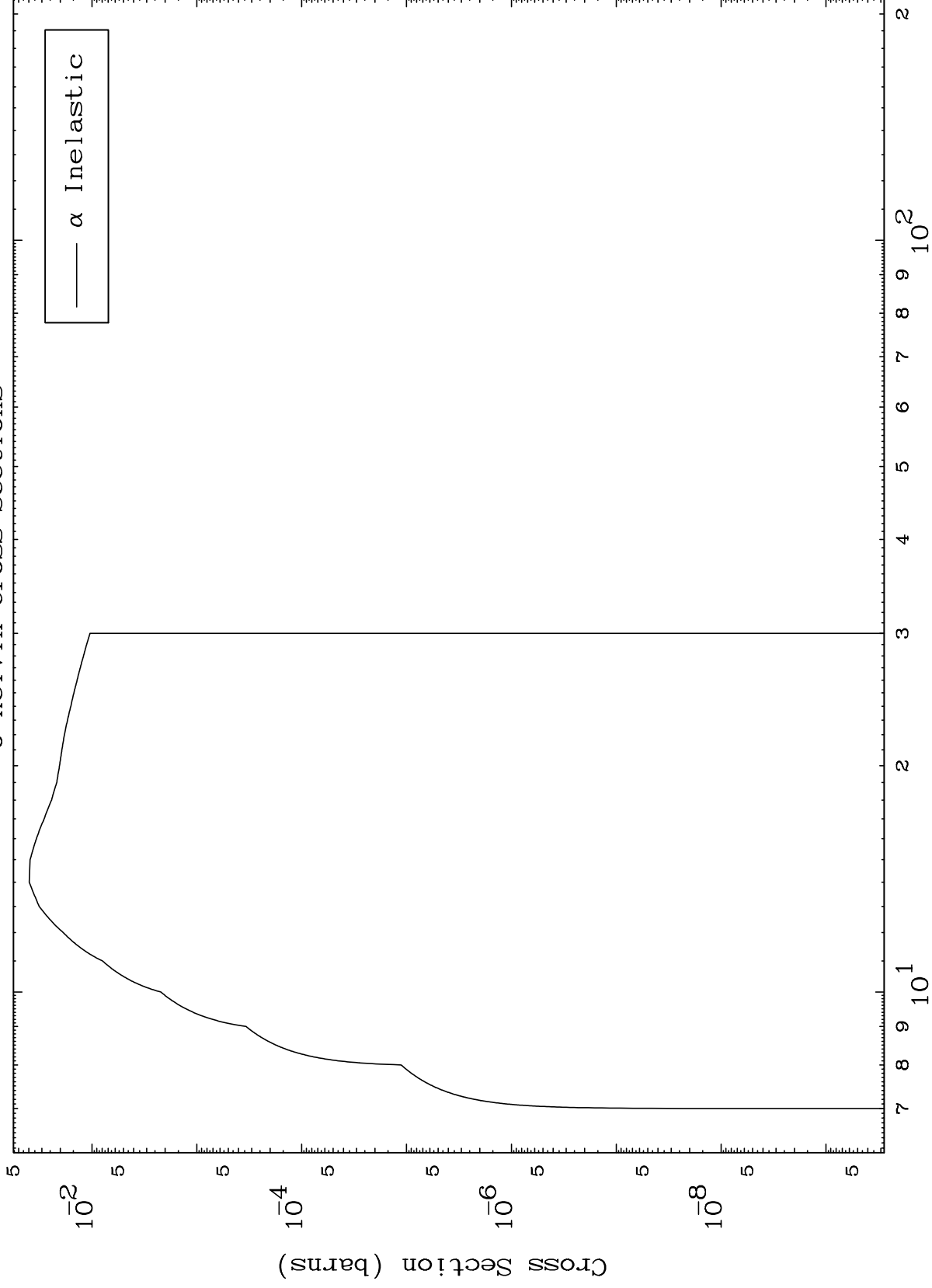




MAT 3511

(α, n') Level
0 Kelvin Cross Sections

35-Br-74



5

Incident Energy (MeV)

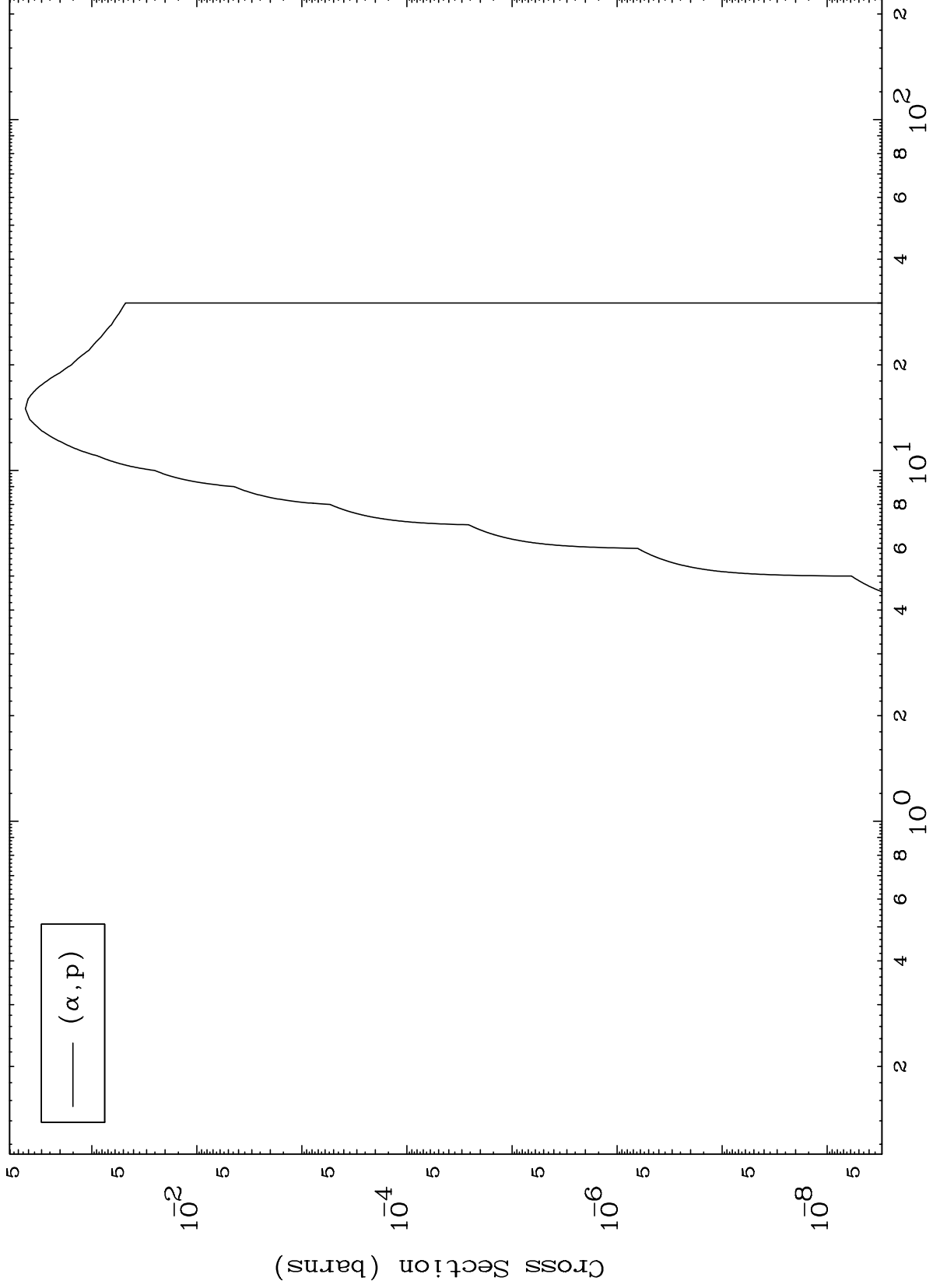
35-Br-74

MAT 3511

(α, p) Levels

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

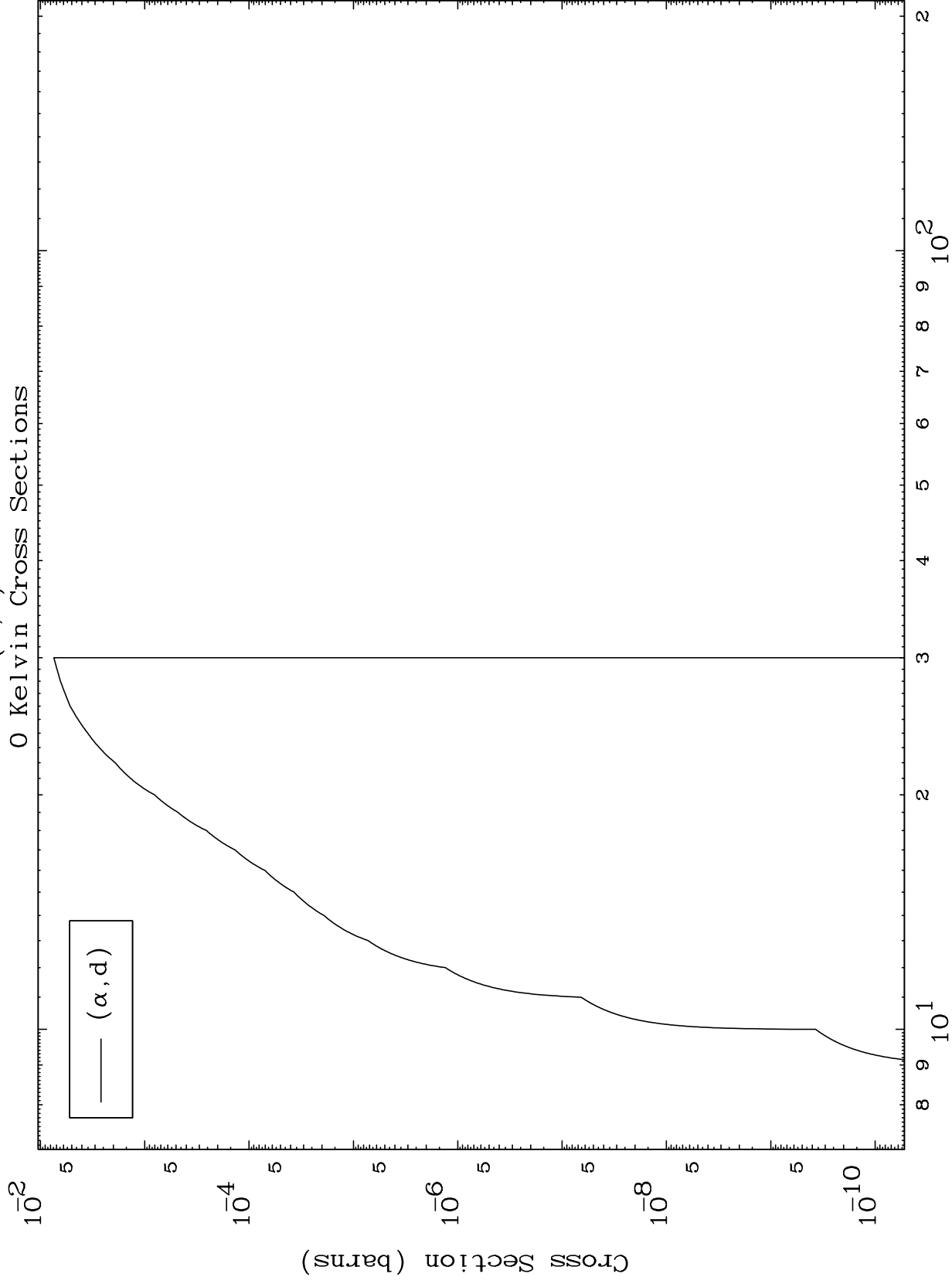
0 Kelvin Cross Sections



MAT 3511

(α, d) Levels
0 Kelvin Cross Sections

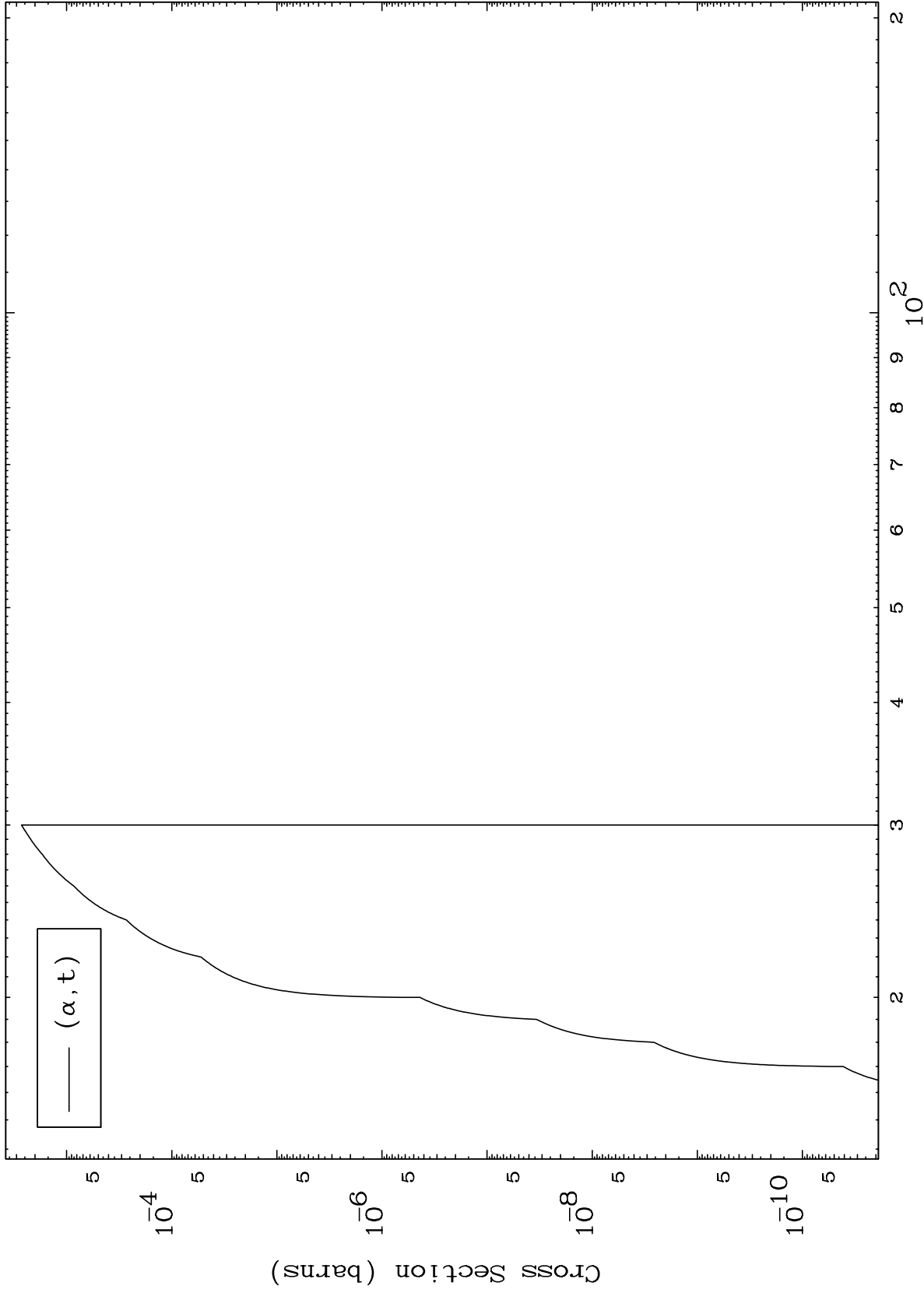
$^{35}\text{Br-74}$



7

Incident Energy (MeV)

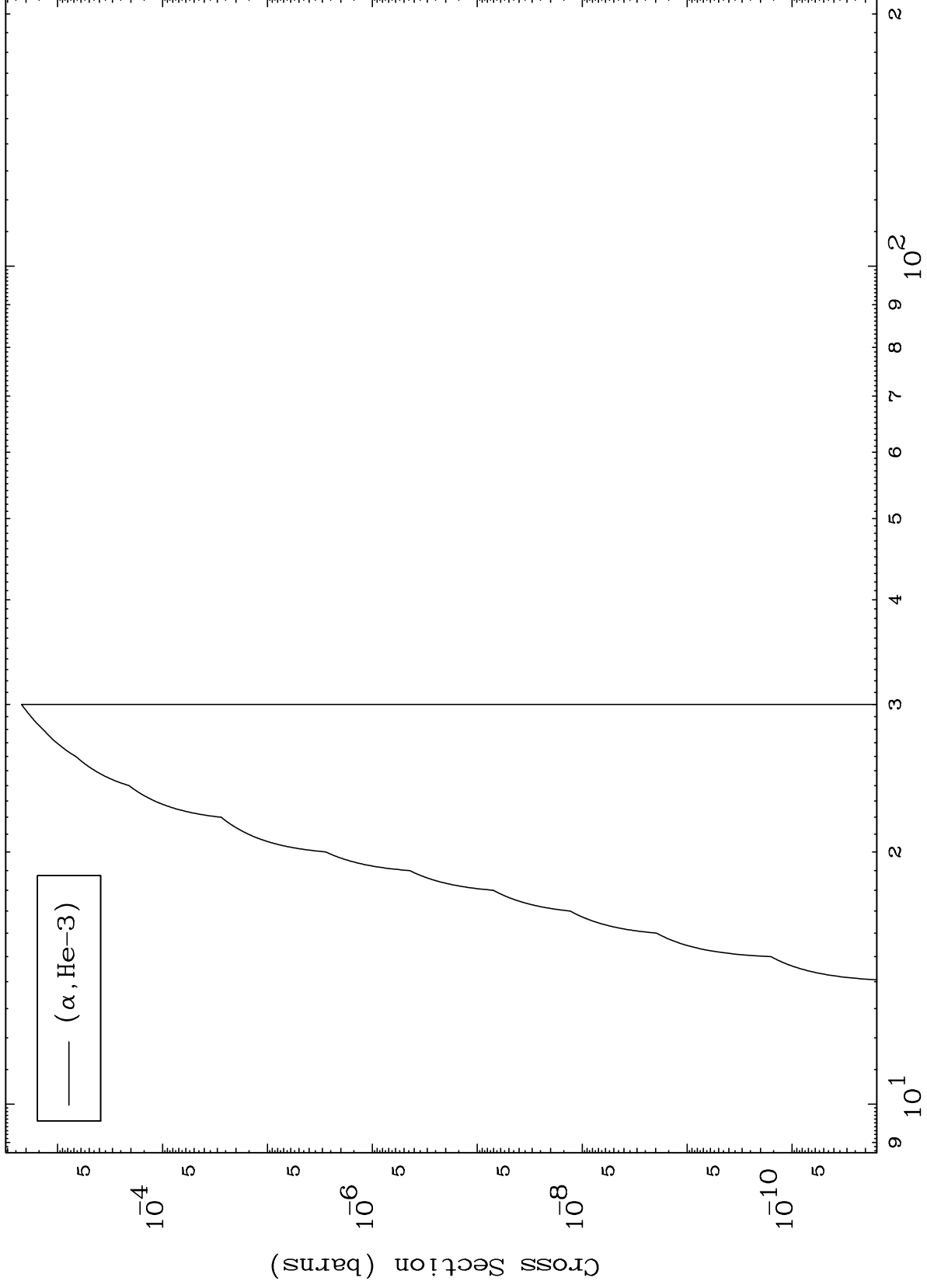
$^{35}\text{Br-74}$



MAT 3511

(α , He3) Levels
0 Kelvin Cross Sections

35-Br-74



9

Incident Energy (MeV)

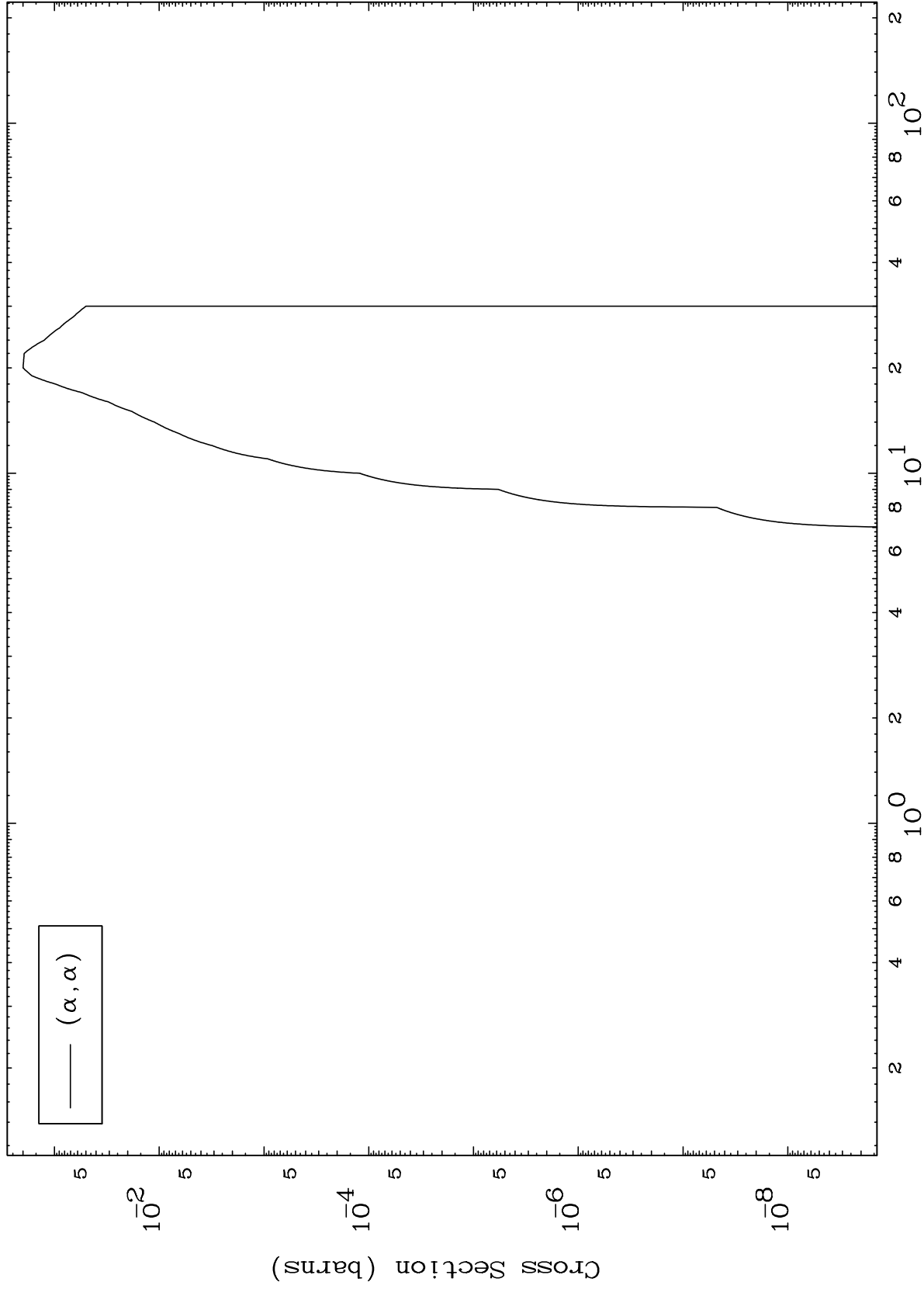
35-Br-74

MAT 3511

(α, α) Levels

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

0 Kelvin Cross Sections



10

Incident Energy (MeV)

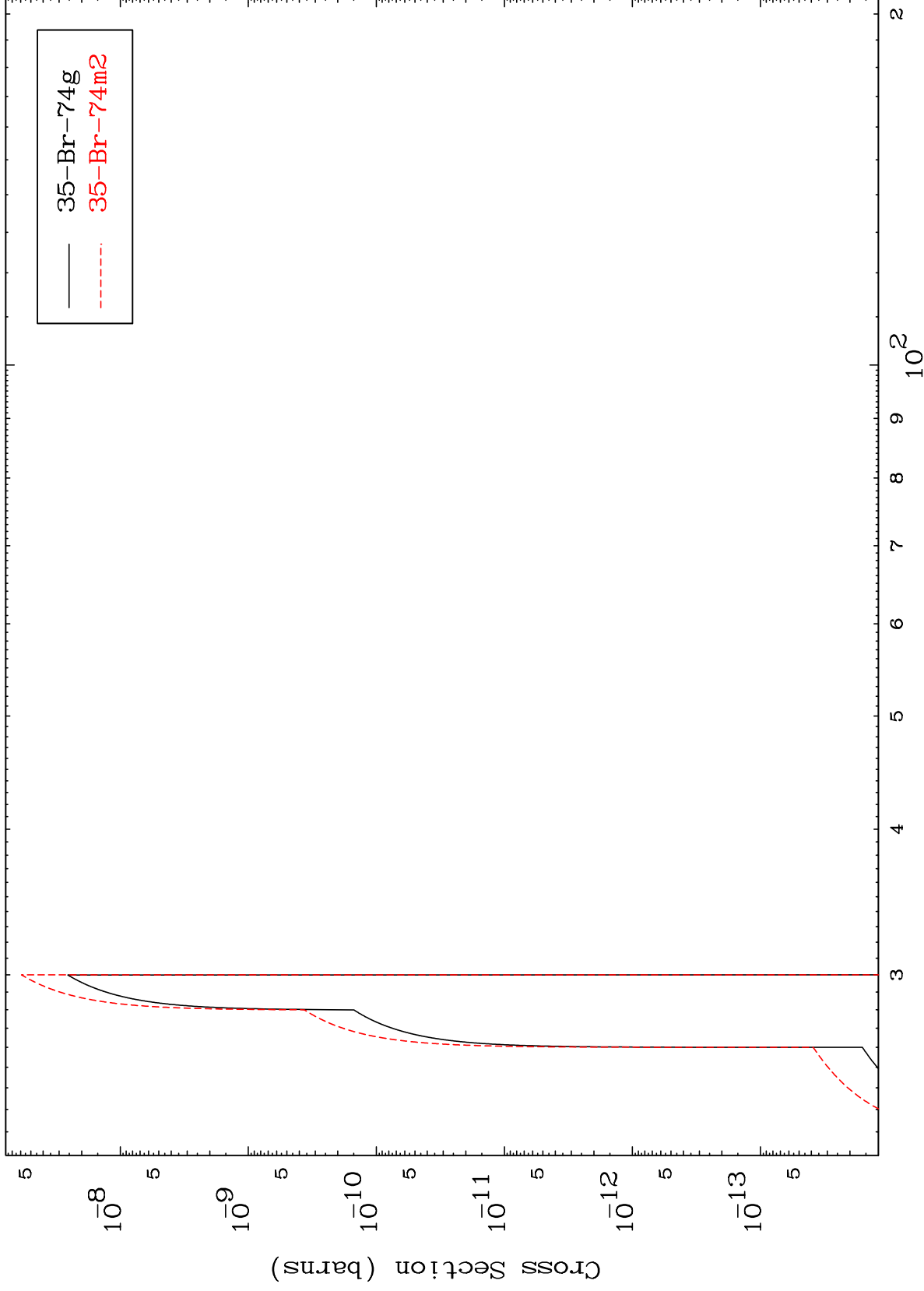
$^{35}\text{Br-74}$

MAT 3511

(α, n') He-3

³⁵Br-⁷⁴

Radionuclide Production Cross Section



11

Incident Energy (MeV)

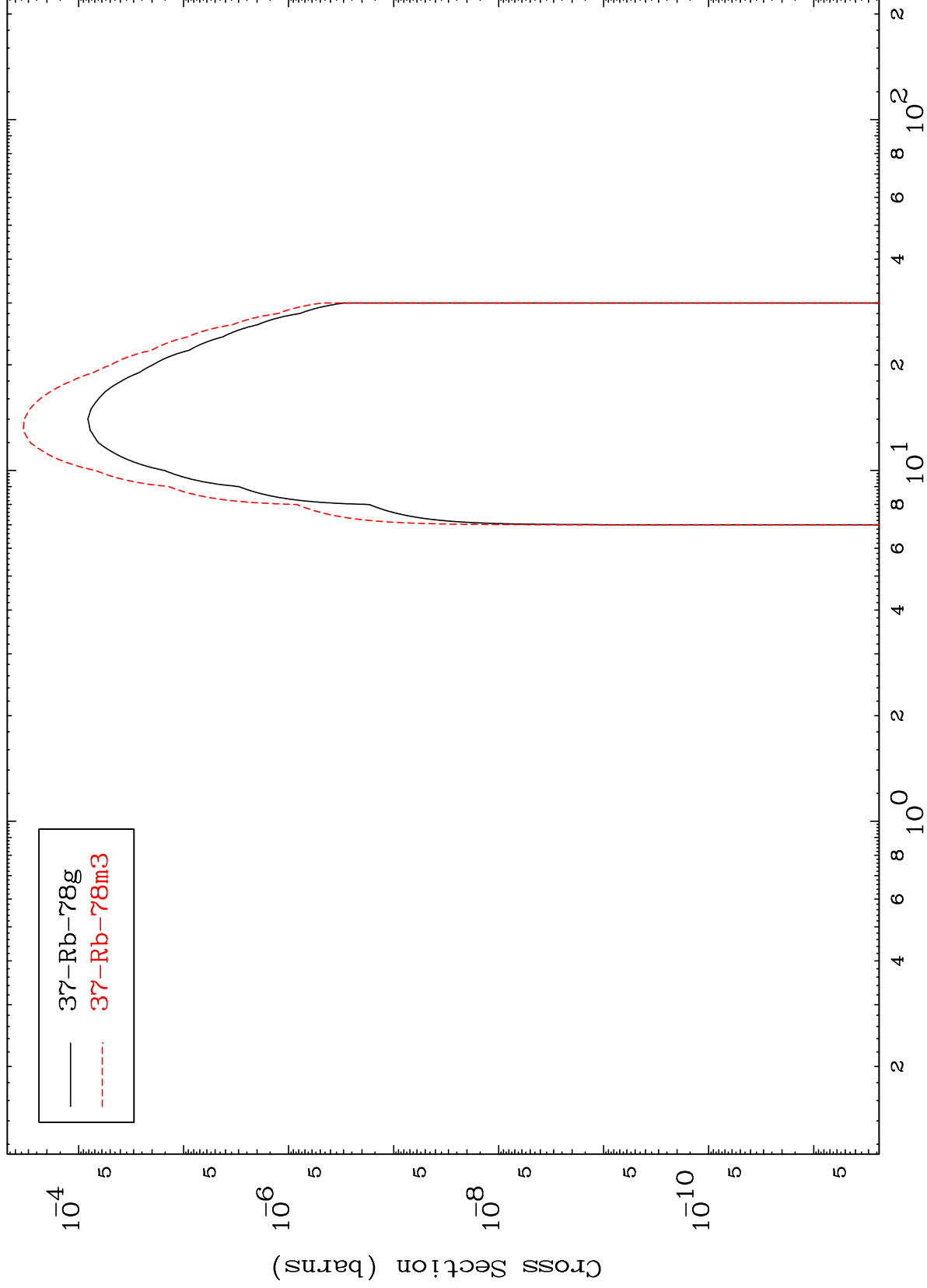
³⁵Br-⁷⁴

MAT 3511

(α, γ)

³⁵Br-74

Radionuclide Production Cross Section



12

Incident Energy (MeV)

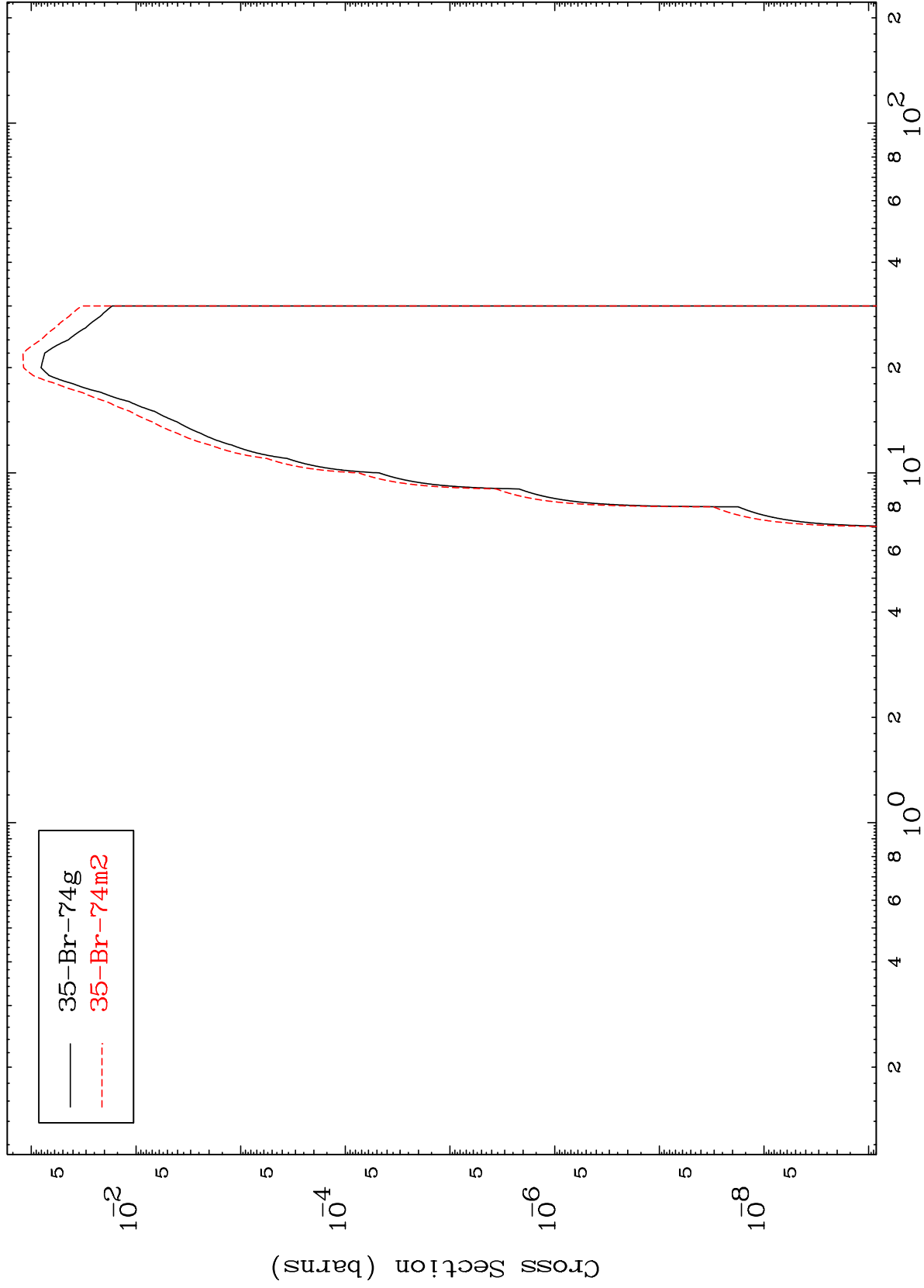
³⁵Br-74

MAT 3511

(α, α)

³⁵Br-74

Radionuclide Production Cross Section



13

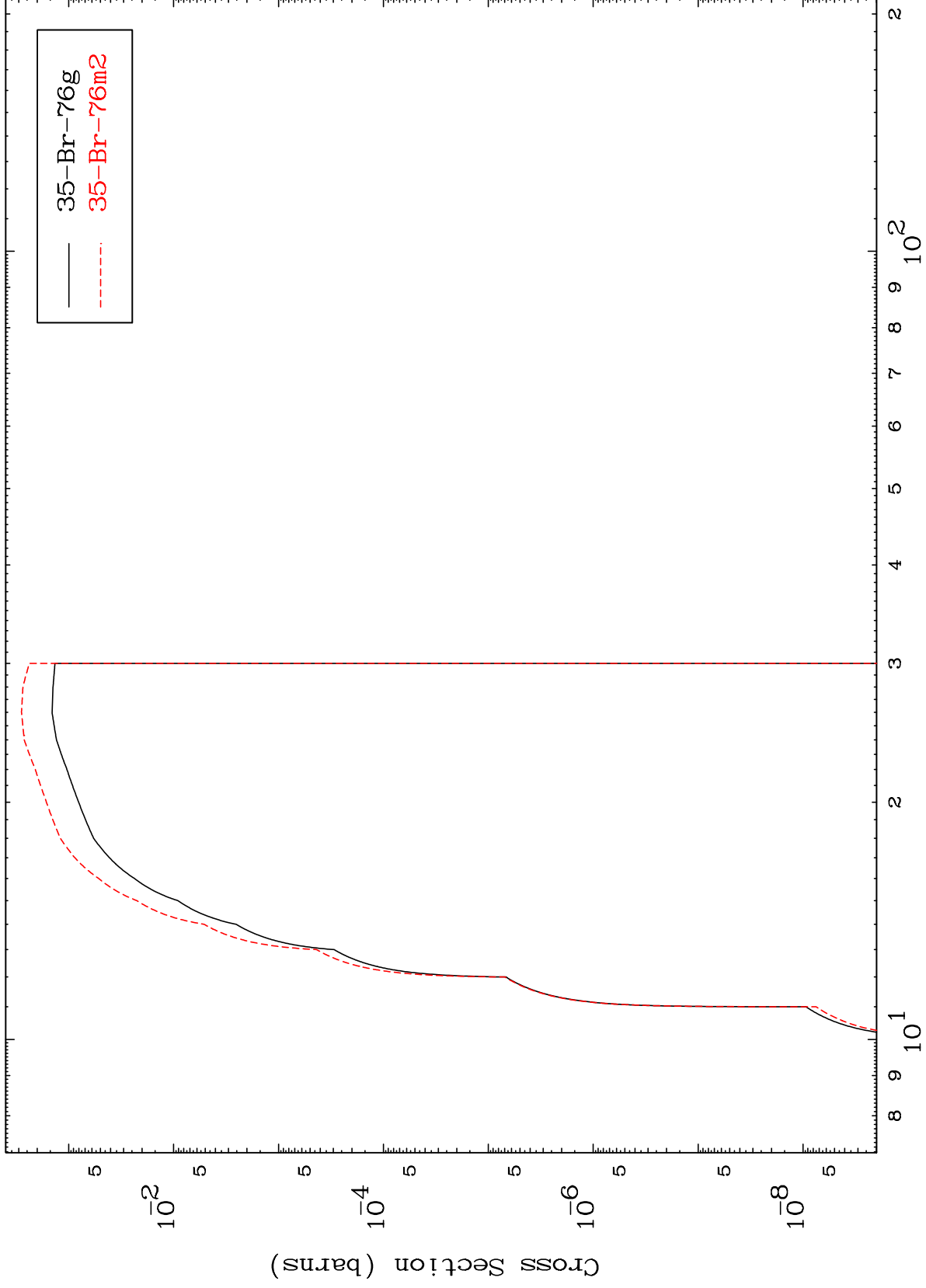
Incident Energy (MeV)

³⁵Br-74

MAT 3511

35-Br-74

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



14

Incident Energy (MeV)

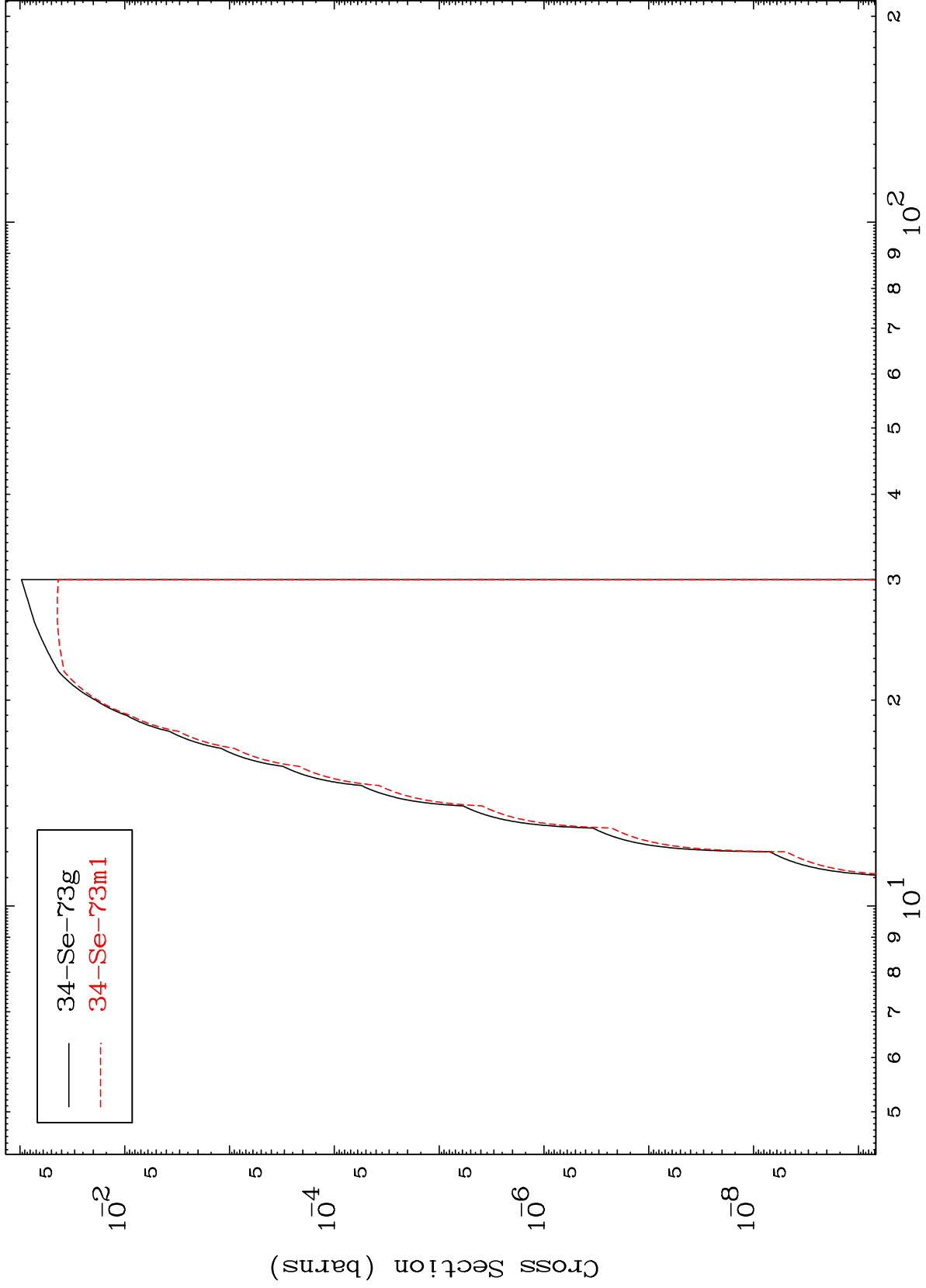
35-Br-74

MAT 3511

(α, p) α

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

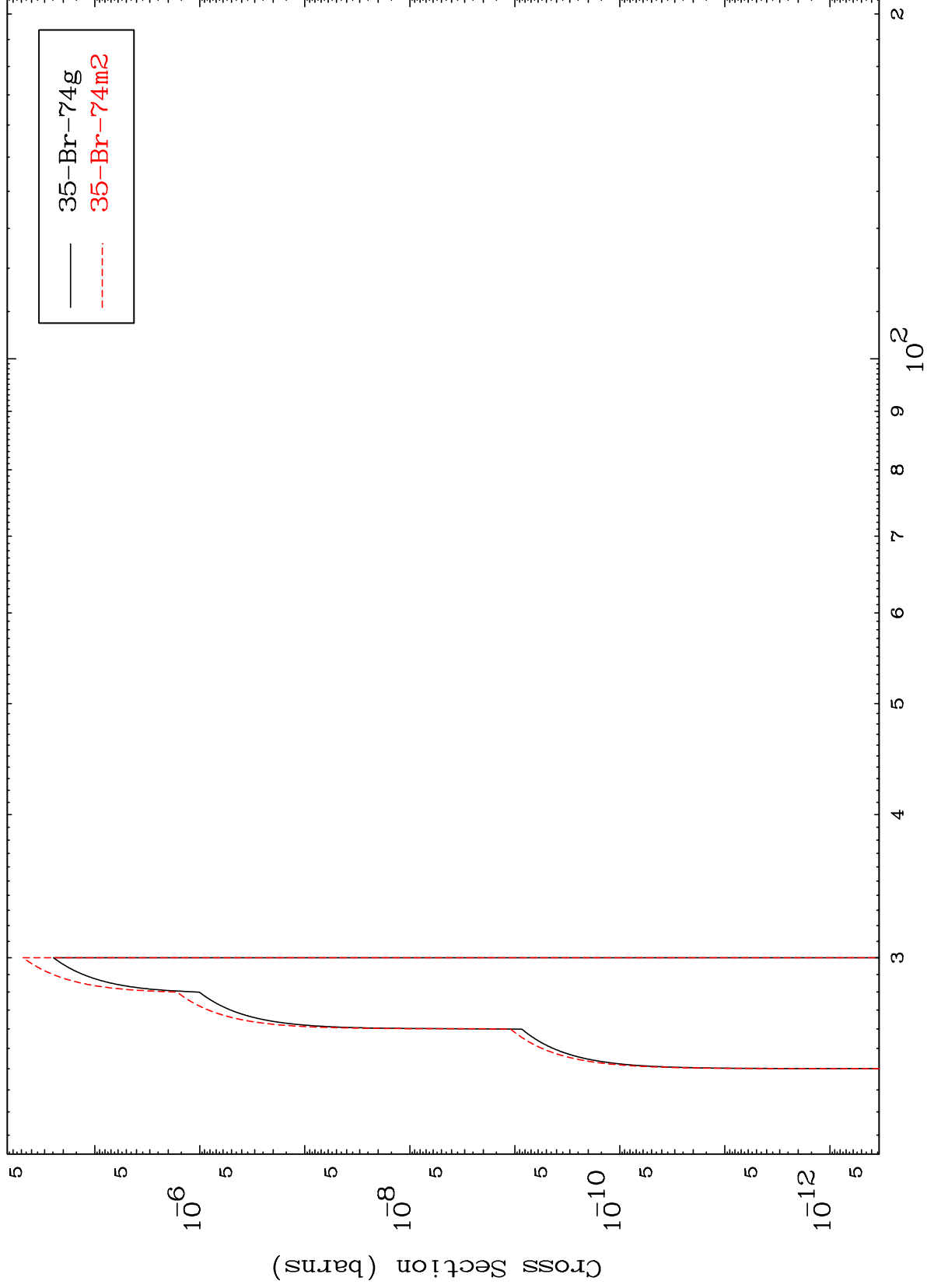
$^{35}\text{Br-74}$

MAT 3511

(α, p) t

³⁵Br-⁷⁴

Radionuclide Production Cross Section



16

Incident Energy (MeV)

³⁵Br-⁷⁴