

Program EVALPLOT
(Version 2018-1)

by

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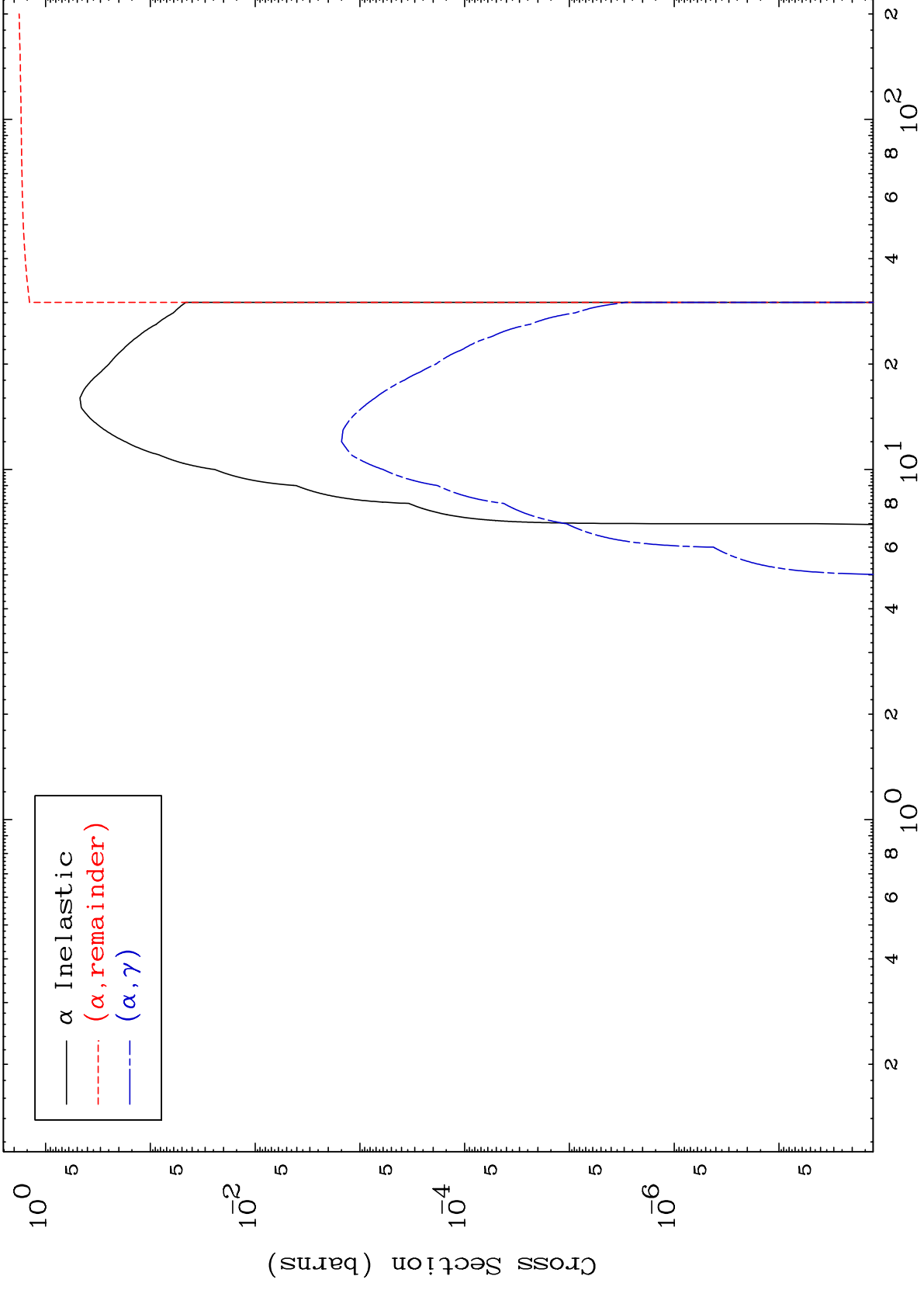
Press Mouse Button to Start

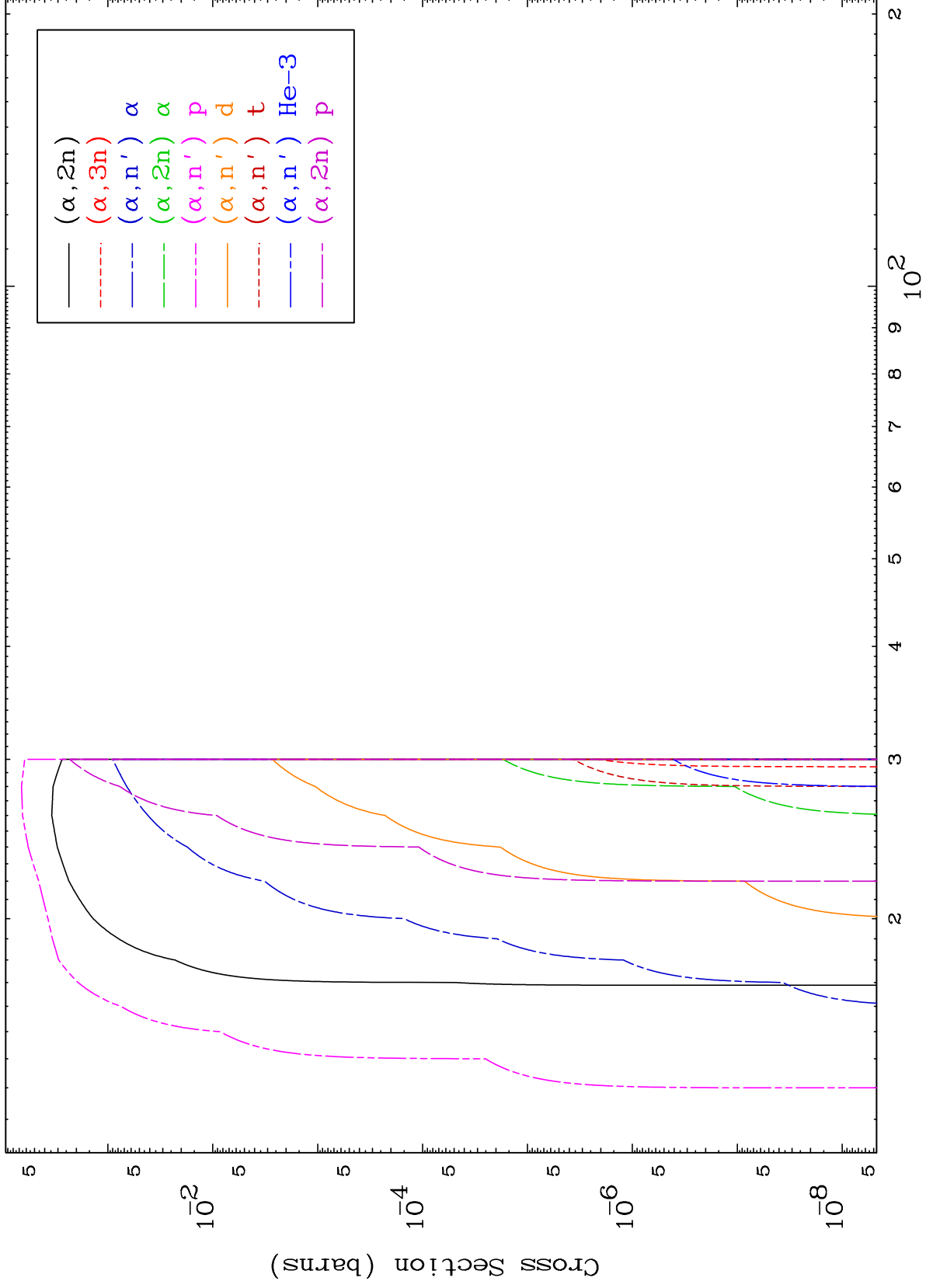
MAT 3520

α Major

$^{35}\text{Br-77}$

0 Kelvin Cross Sections

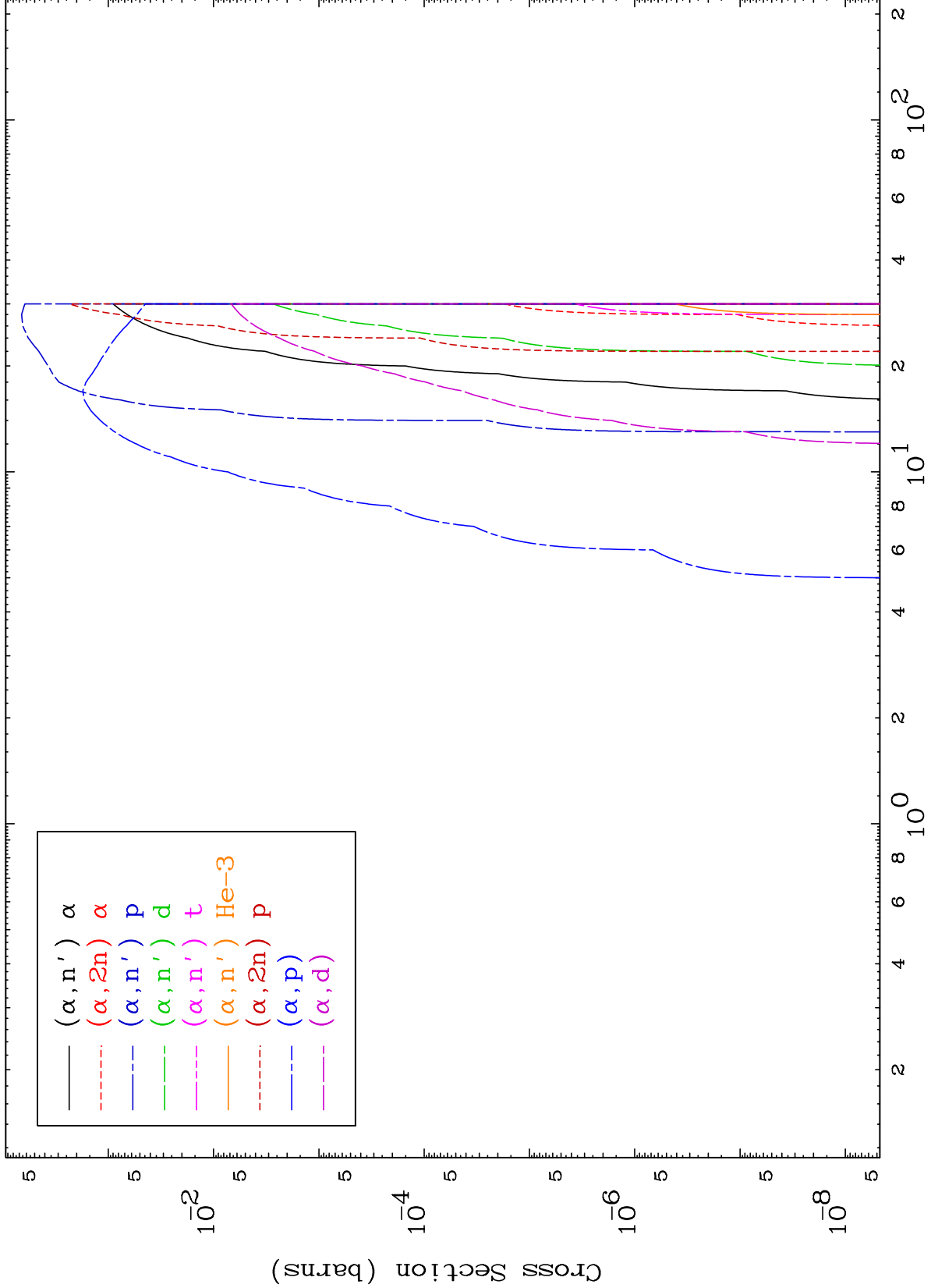


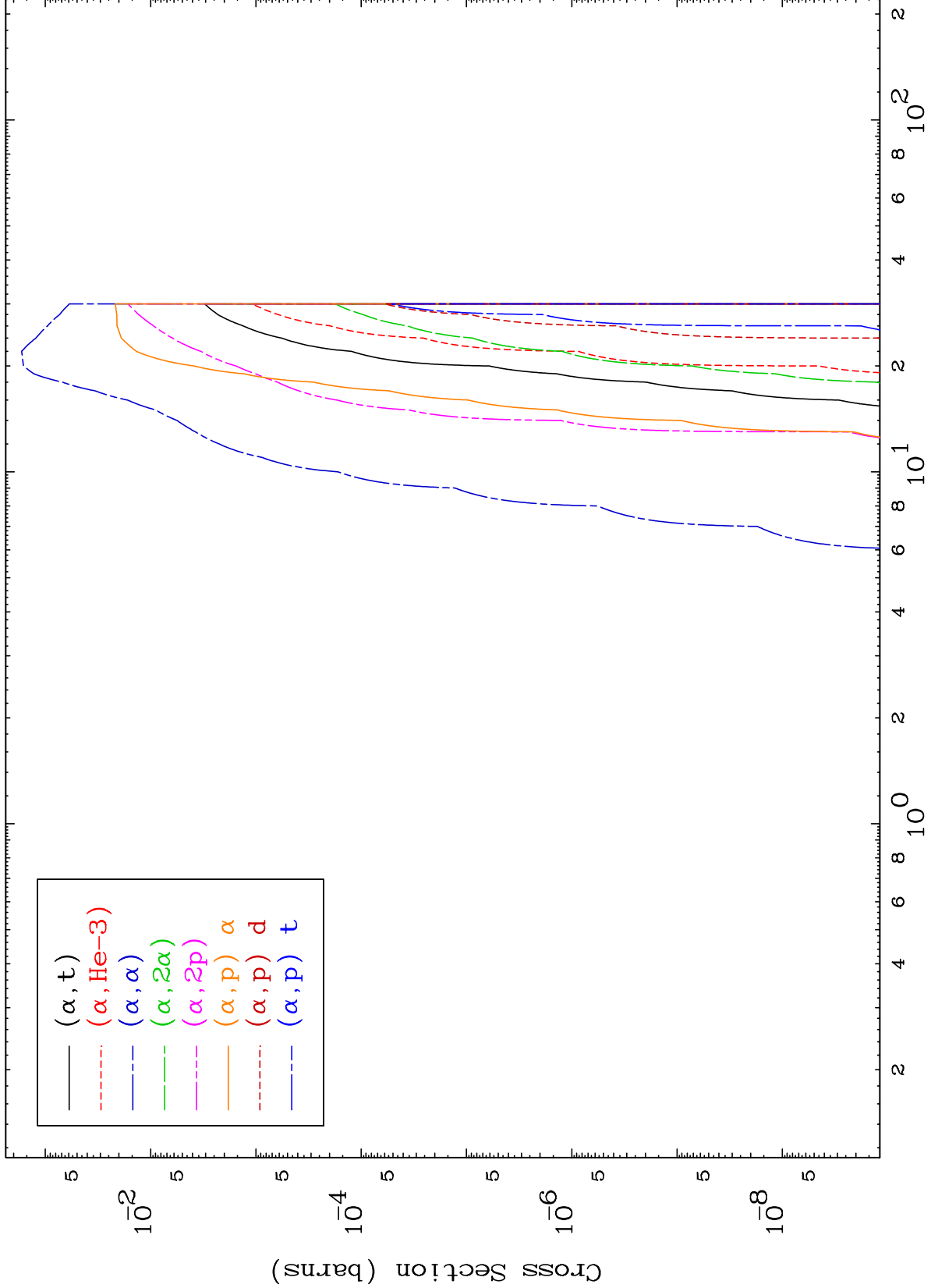


MAT 3520

α Charged Particle
0 Kelvin Cross Sections

35-Br-77

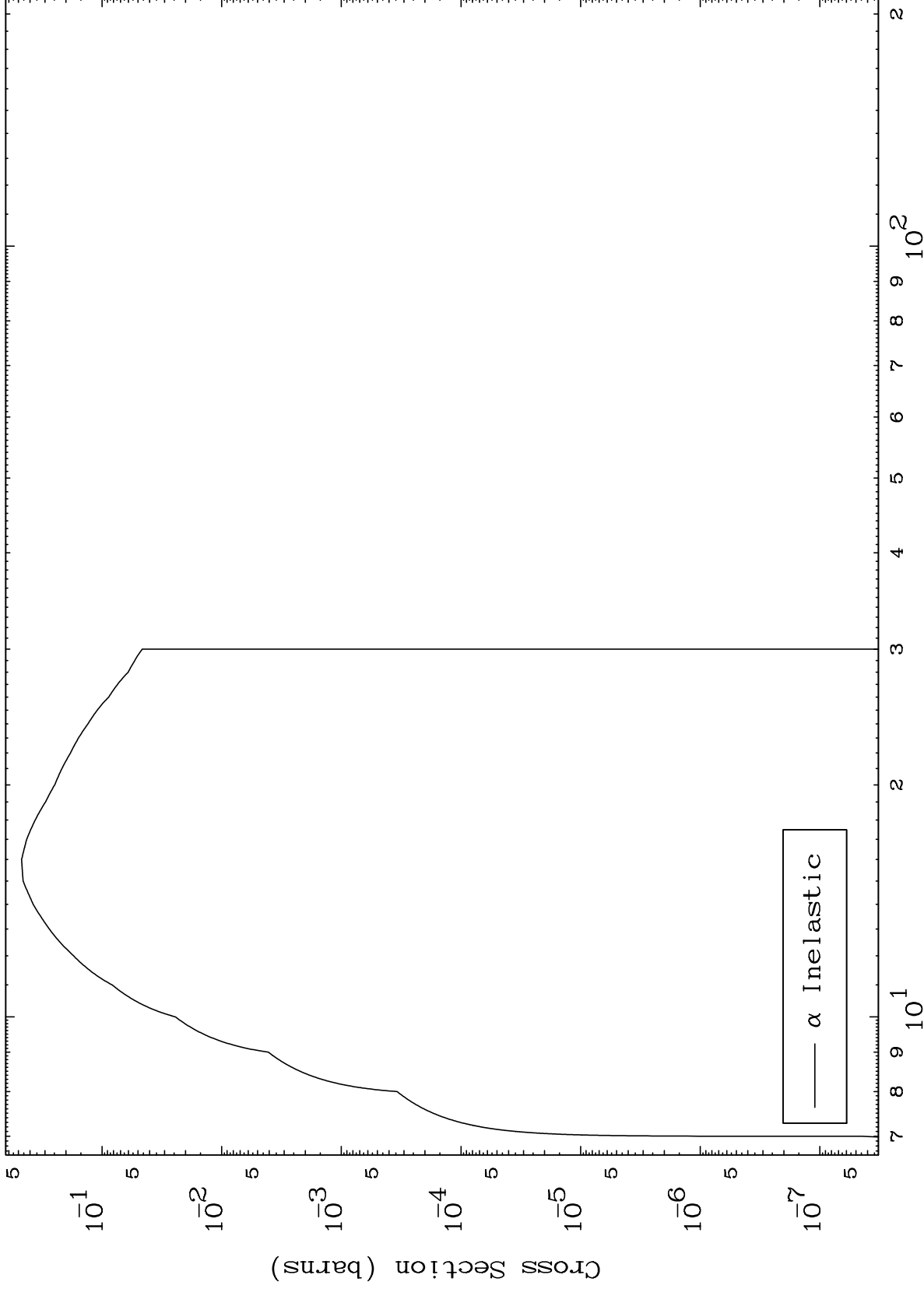




MAT 3520

(α, n') Level
0 Kelvin Cross Sections

35-Br-77



α Inelastic

5

Incident Energy (MeV)

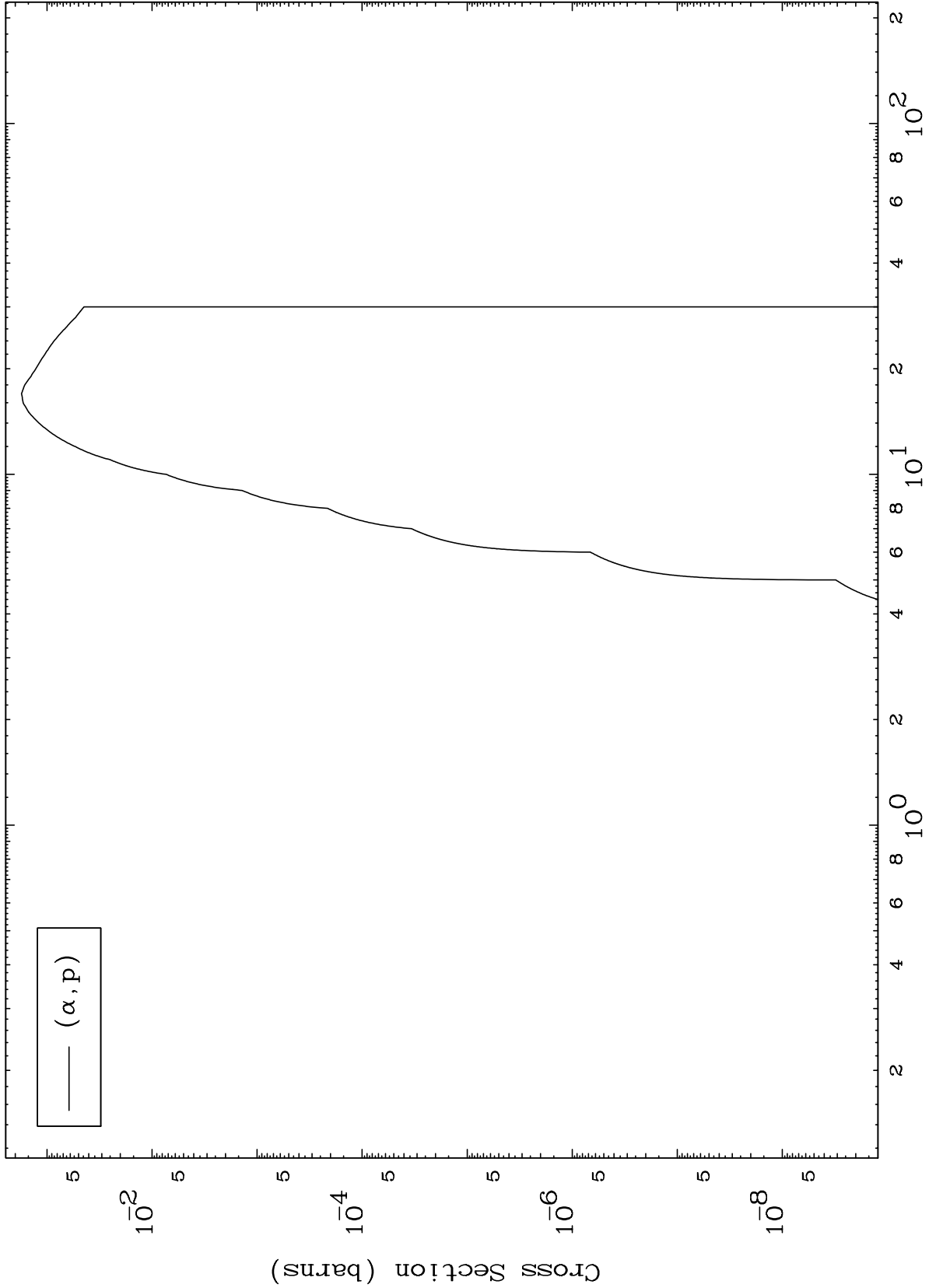
35-Br-77

MAT 3520

(α, p) Levels

$^{35}\text{Br-77}$

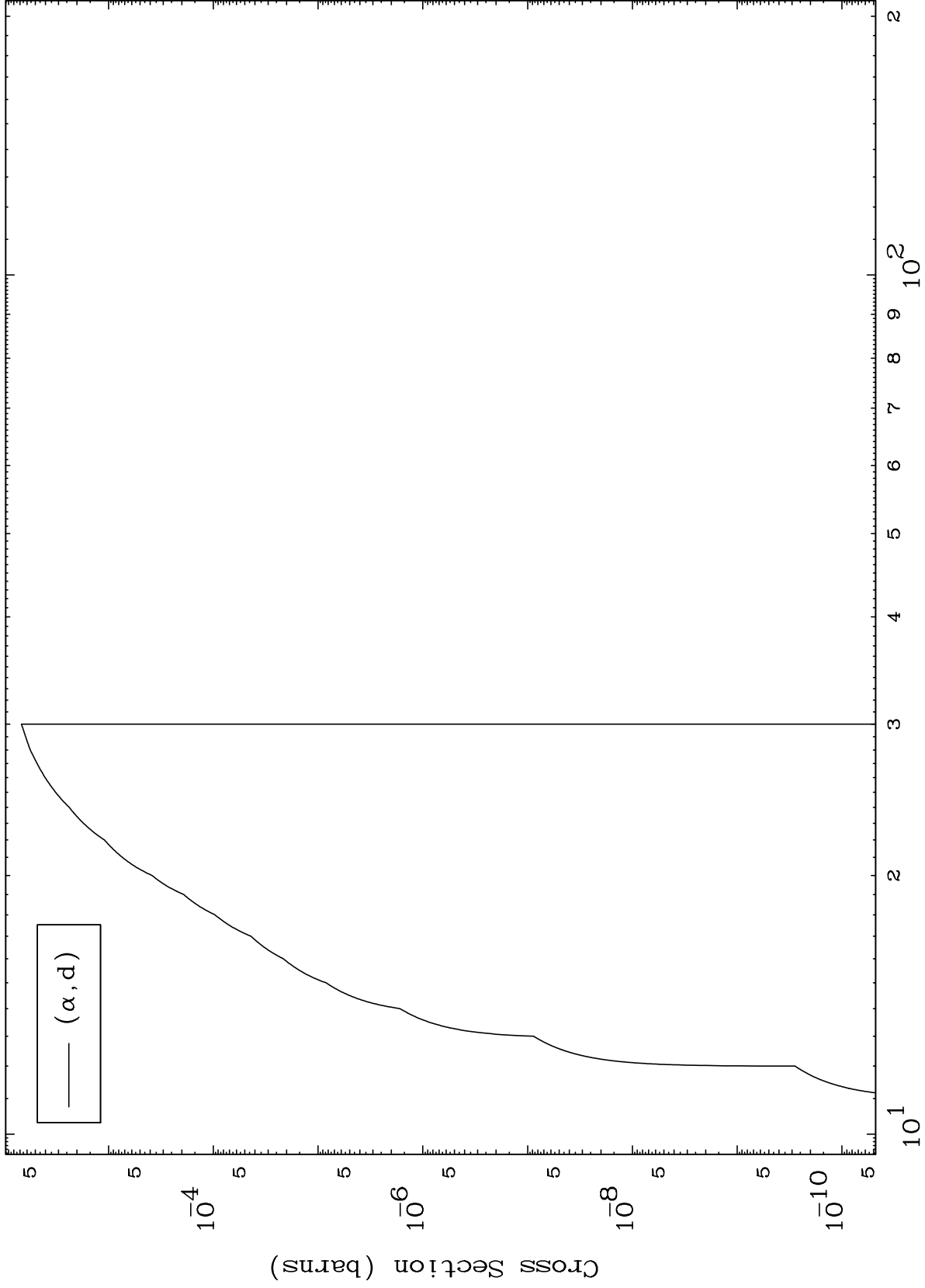
0 Kelvin Cross Sections



MAT 3520

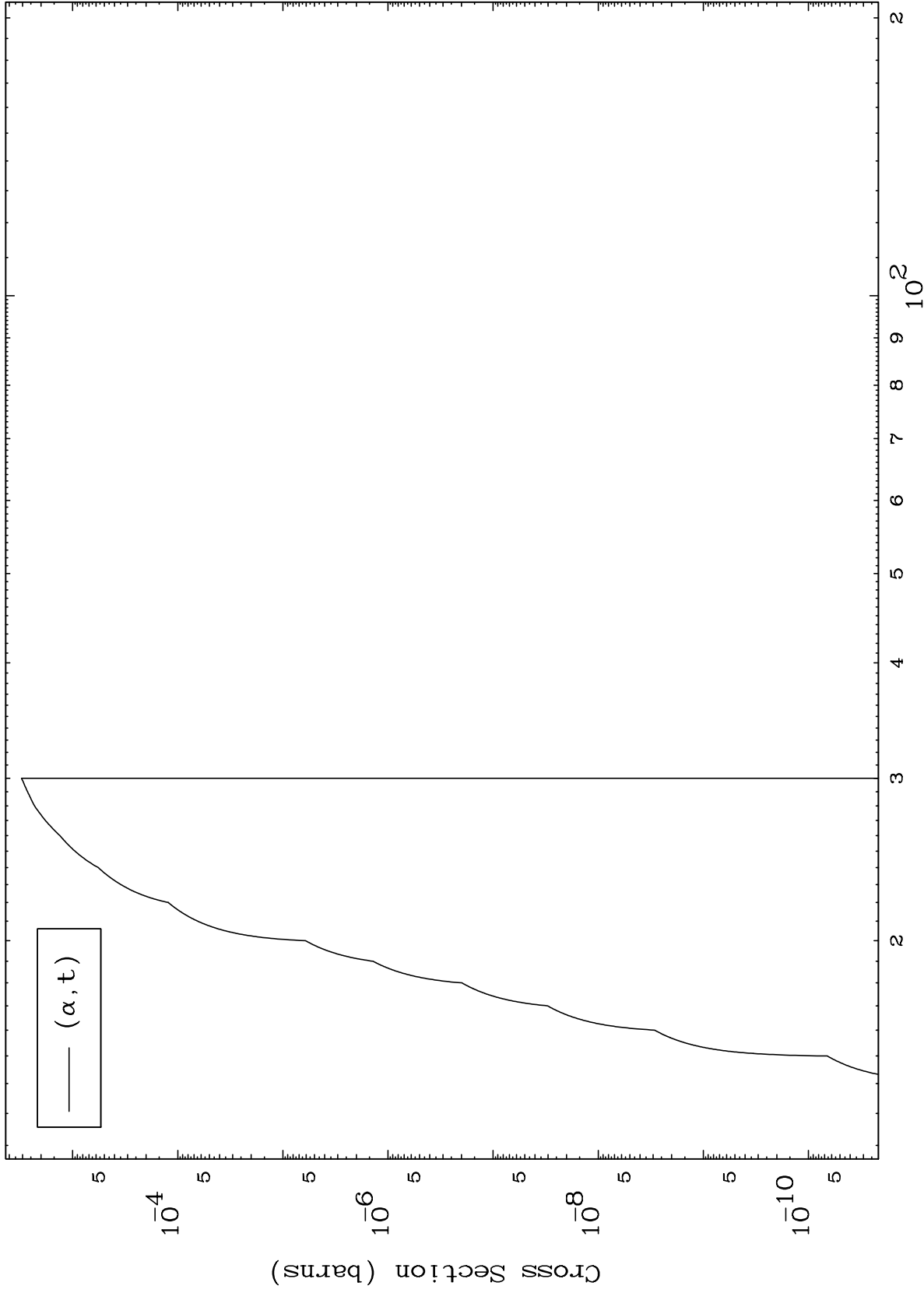
(α, d) Levels
0 Kelvin Cross Sections

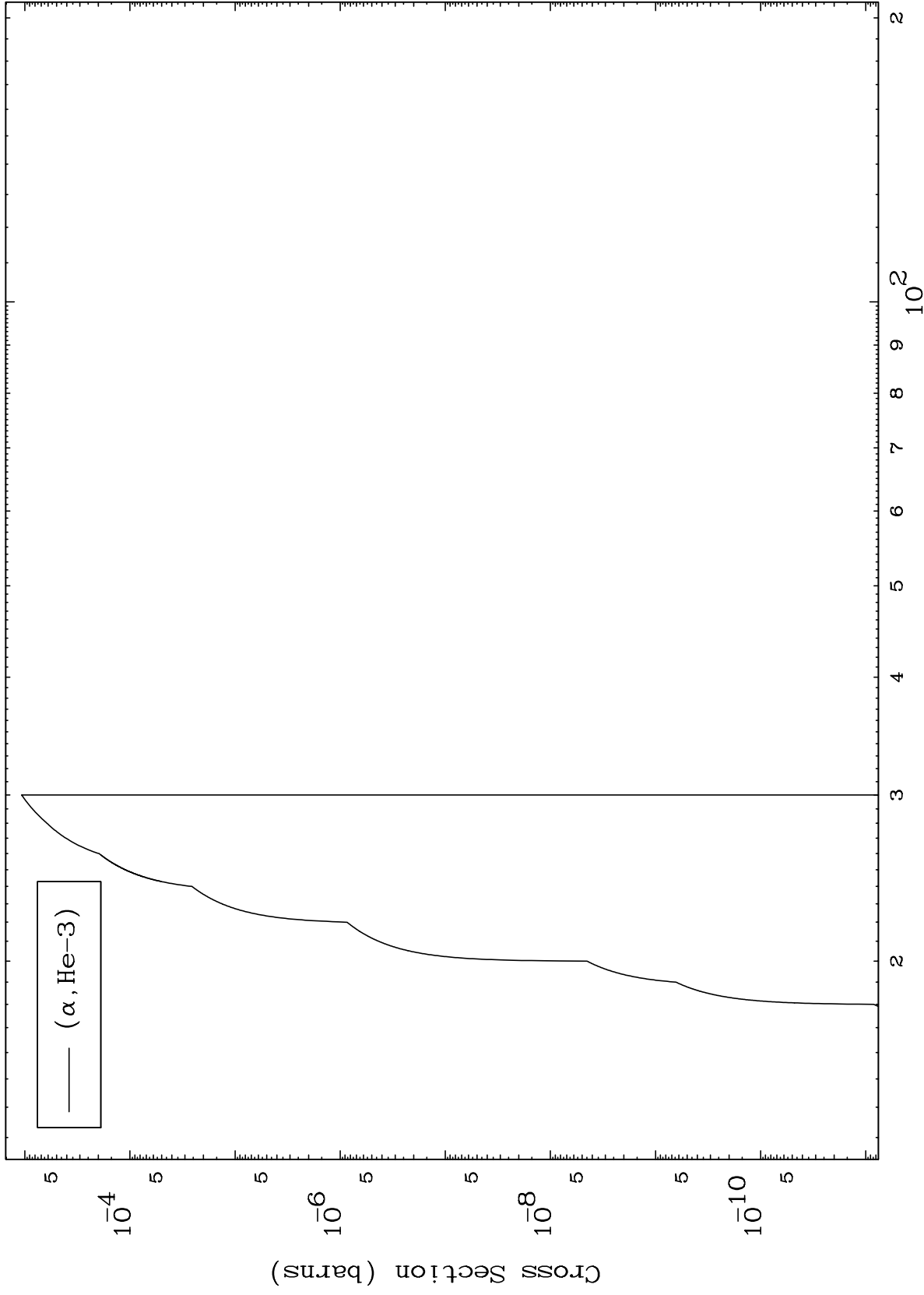
$^{35}\text{Br-77}$



Incident Energy (MeV)

$^{35}\text{Br-77}$



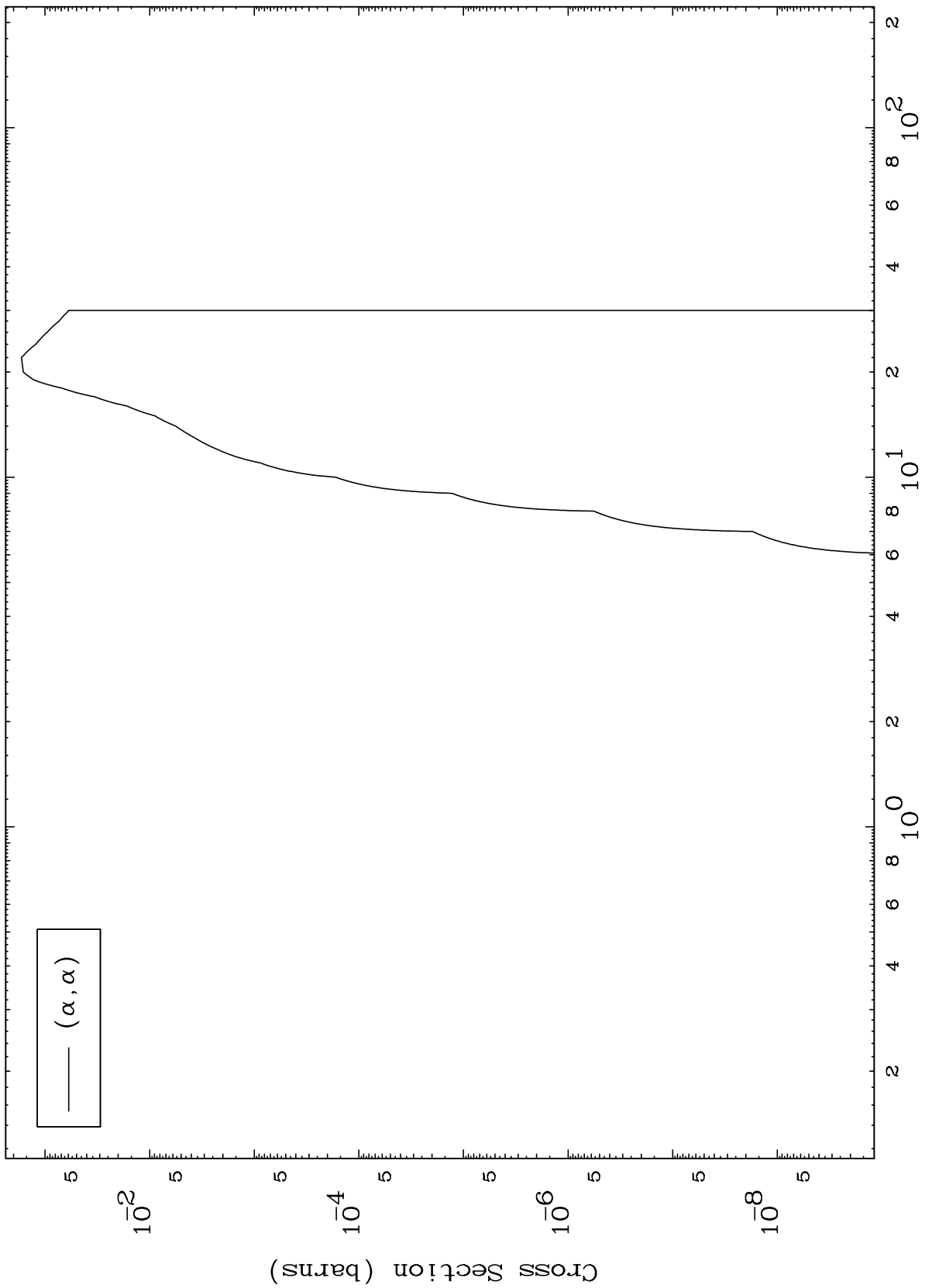


MAT 3520

(α, α) Levels

35-Br-77

0 Kelvin Cross Sections



(α, α)

10

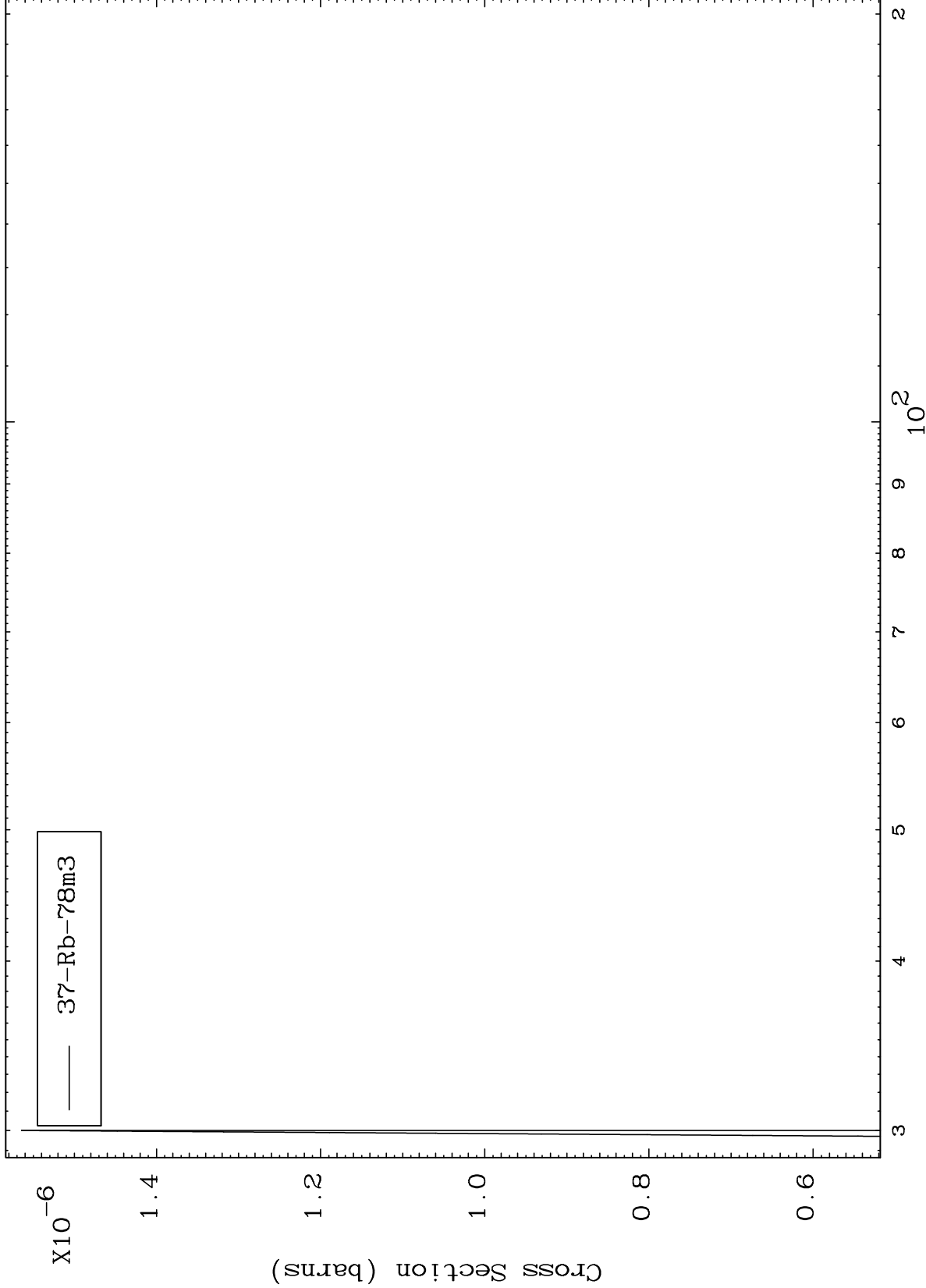
Incident Energy (MeV)

35-Br-77

MAT 3520

35-Br-77

($\alpha, 3n$)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

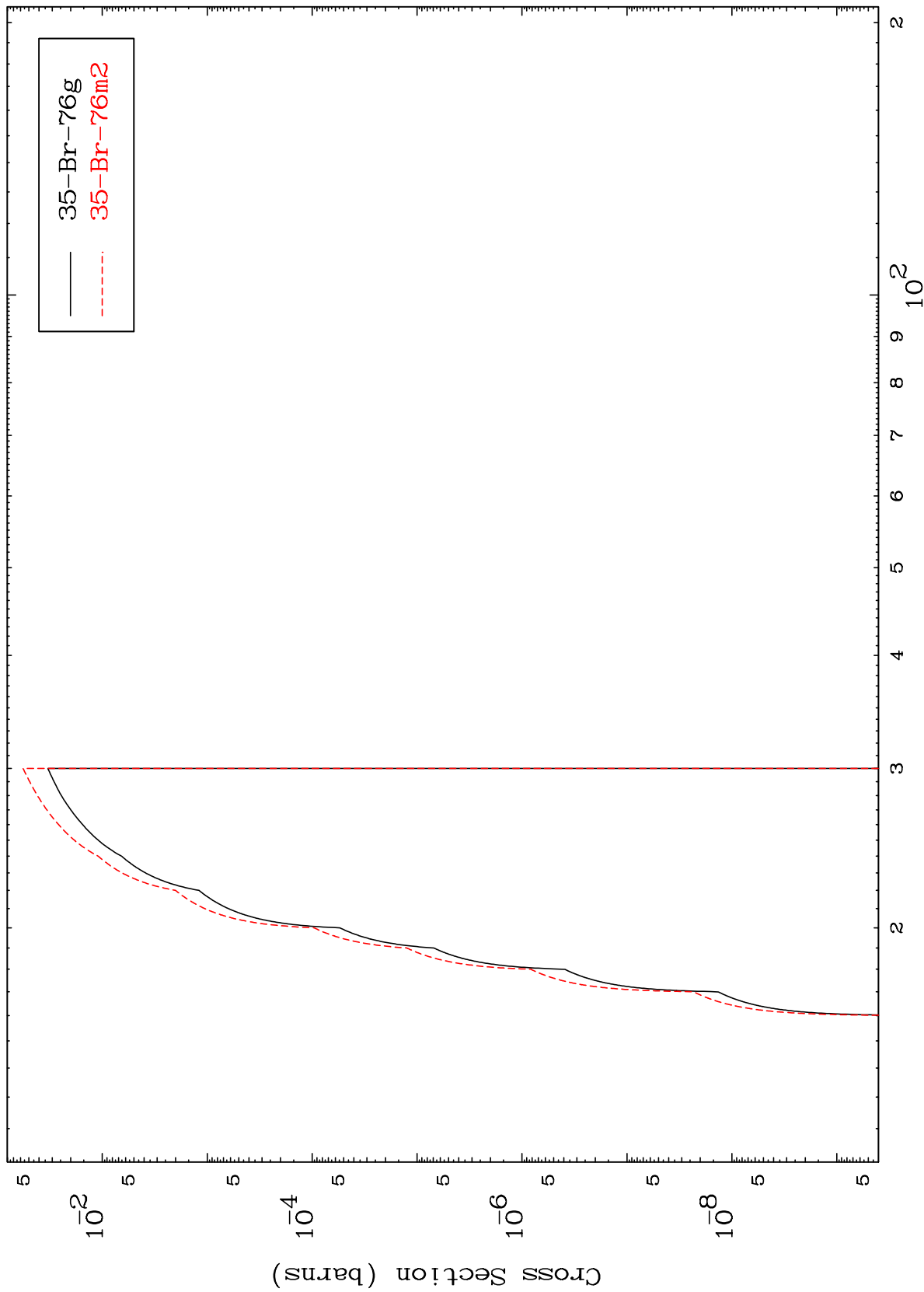
35-Br-77

MAT 3520

³⁵Br-77

(α, n') α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

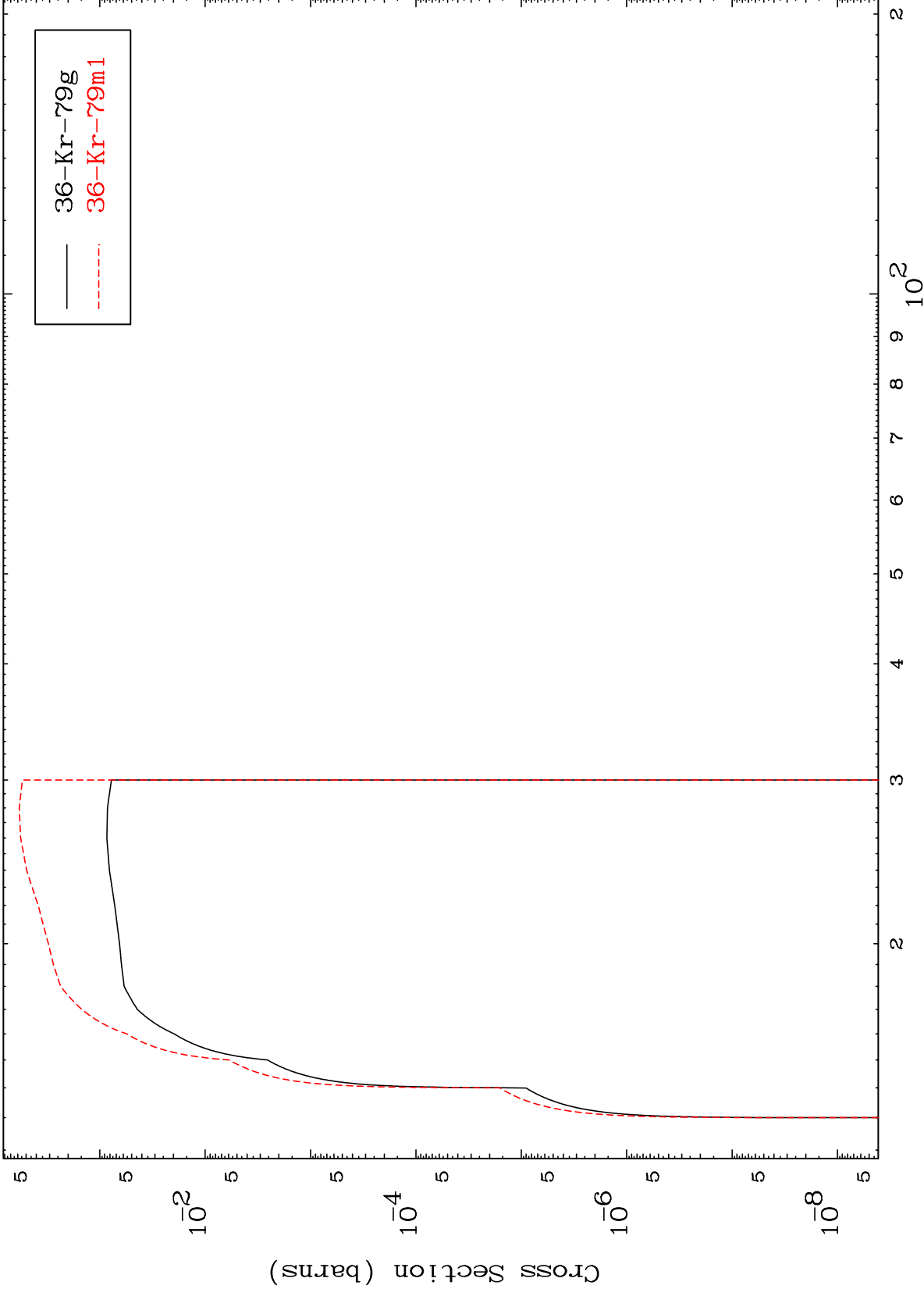
³⁵Br-77

MAT 3520

(α, n') p

$^{35}\text{Br-}77$

Radionuclide Production Cross Section

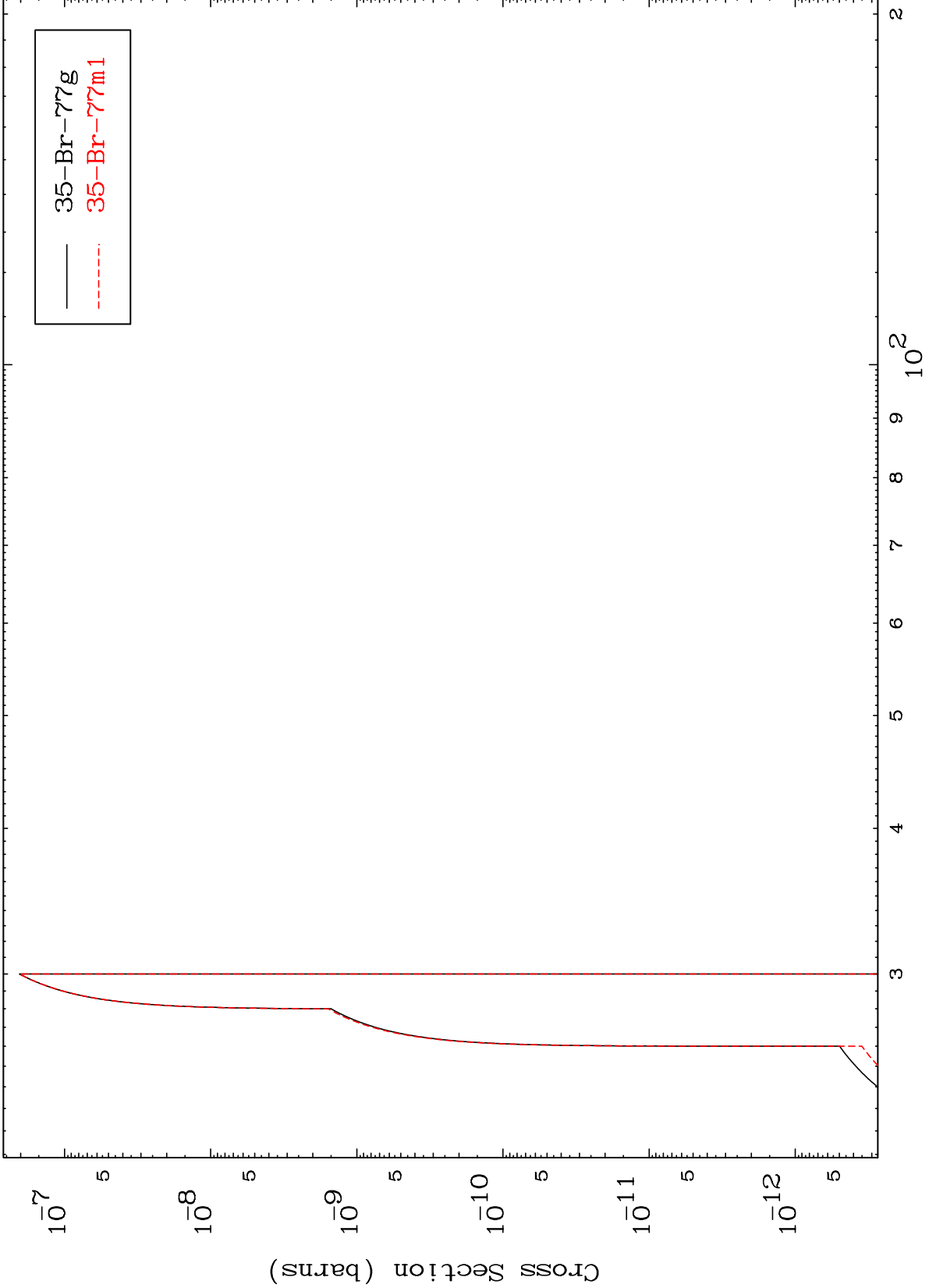


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(α, n') He-3

35-Br-77

Radionuclide Production Cross Section



14

Incident Energy (MeV)

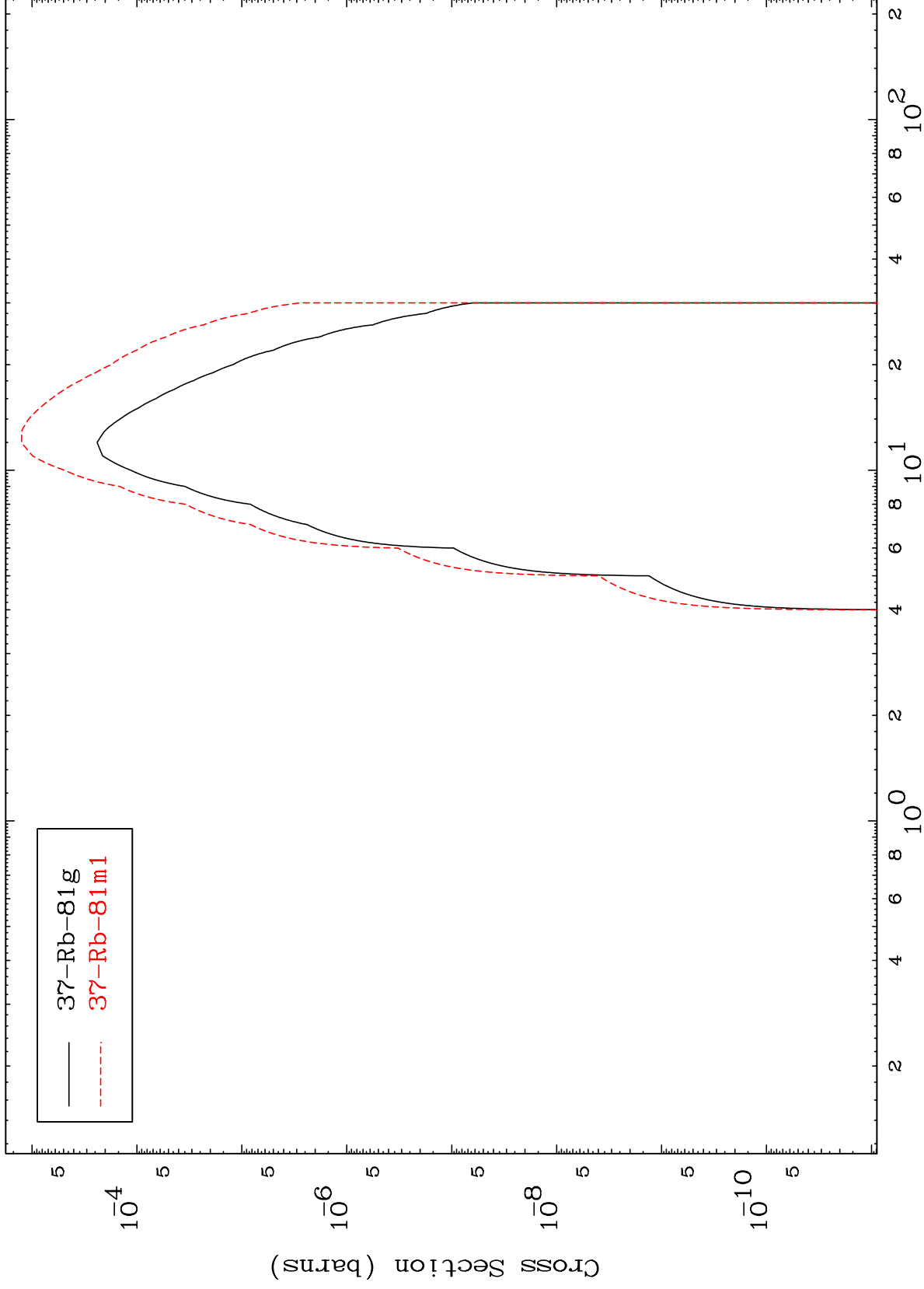
35-Br-77

MAT 3520

(α, γ)

$^{35}\text{Br-77}$

Radionuclide Production Cross Section



— $^{37}\text{Rb-81g}$
- - - $^{37}\text{Rb-81m1}$

15

Incident Energy (MeV)

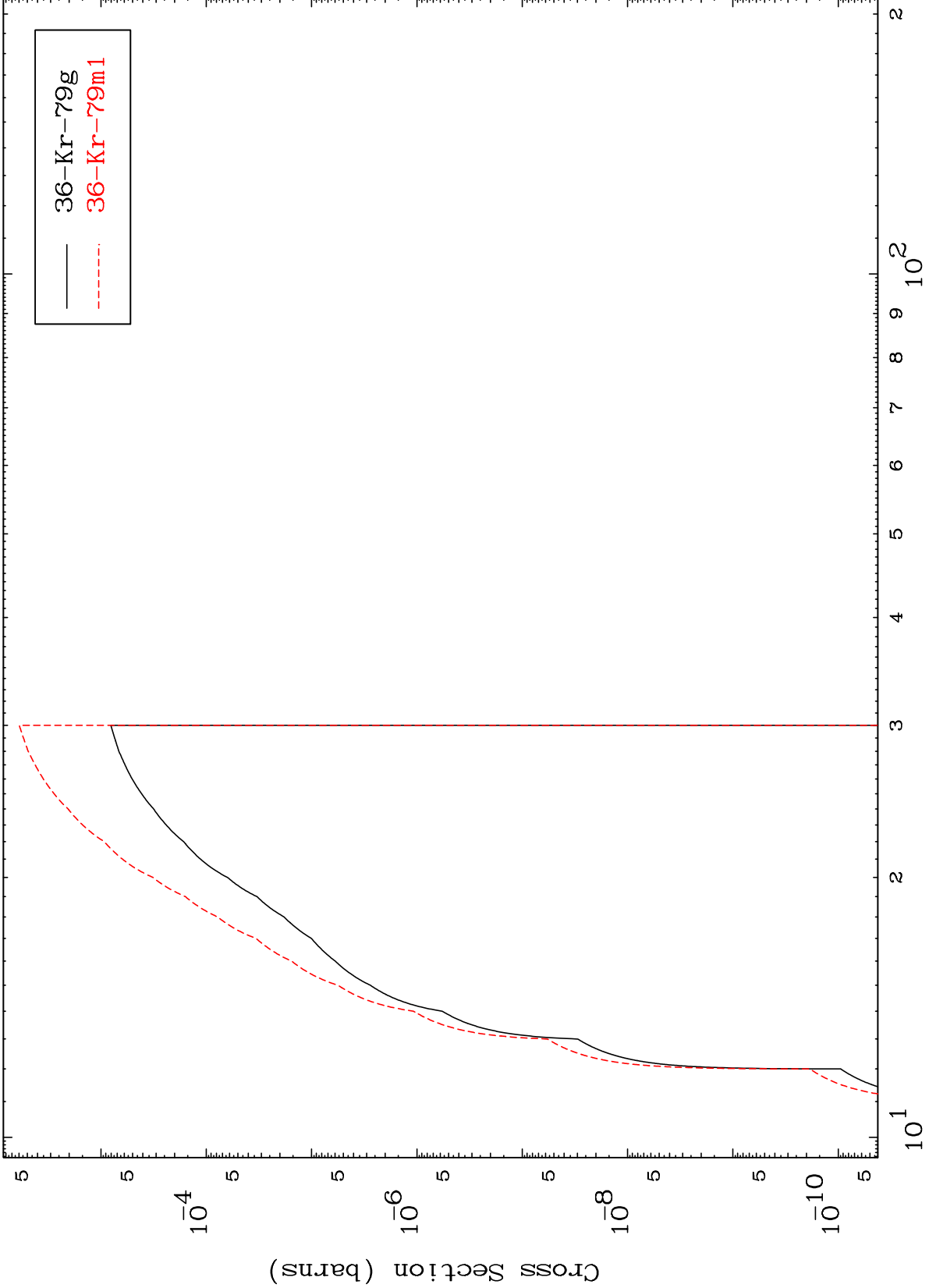
$^{35}\text{Br-77}$

MAT 3520

(α, d)

35-Br-77

Radionuclide Production Cross Section



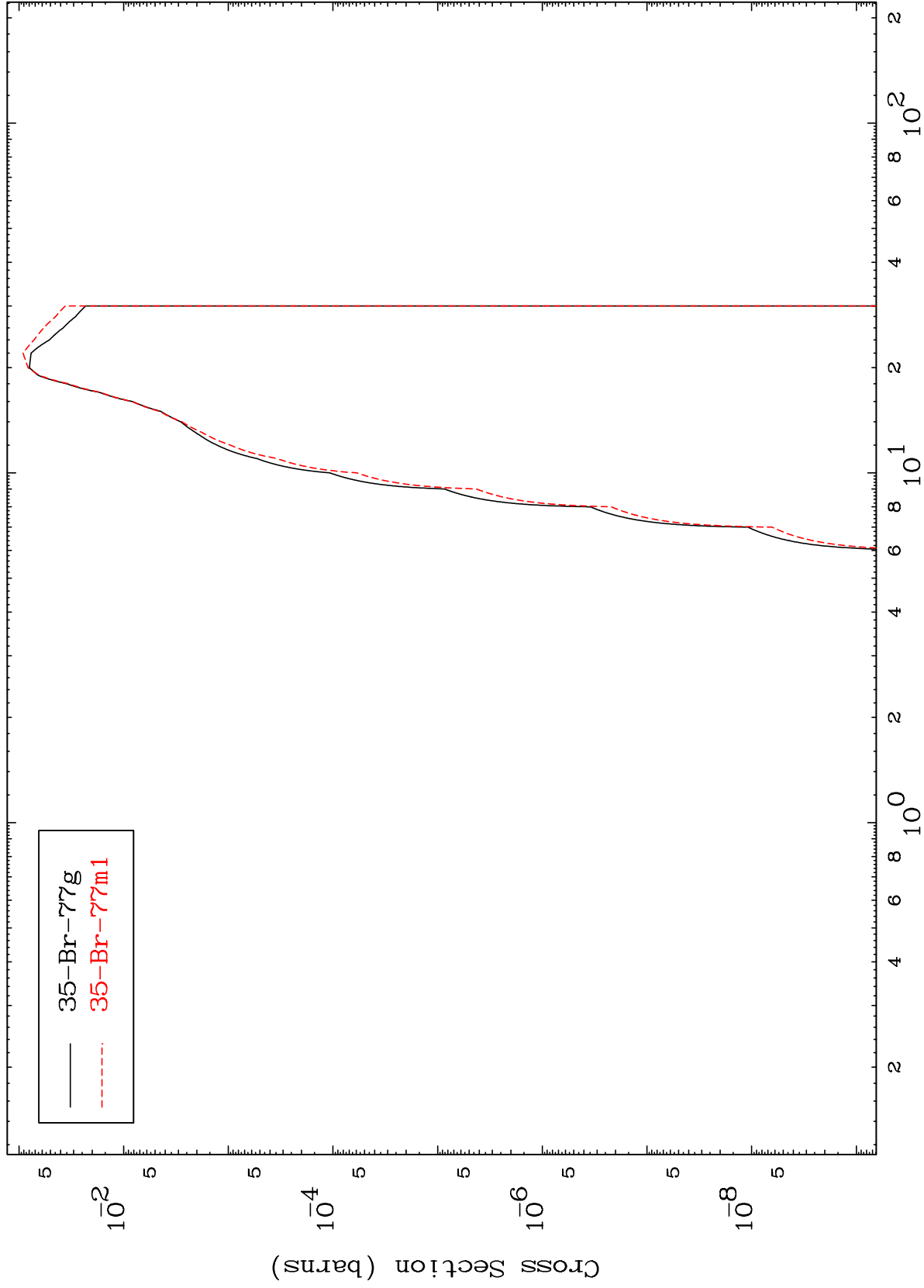
Incident Energy (MeV)

35-Br-77

MAT 3520

³⁵Br-⁷⁷

Radionuclide Production Cross Section



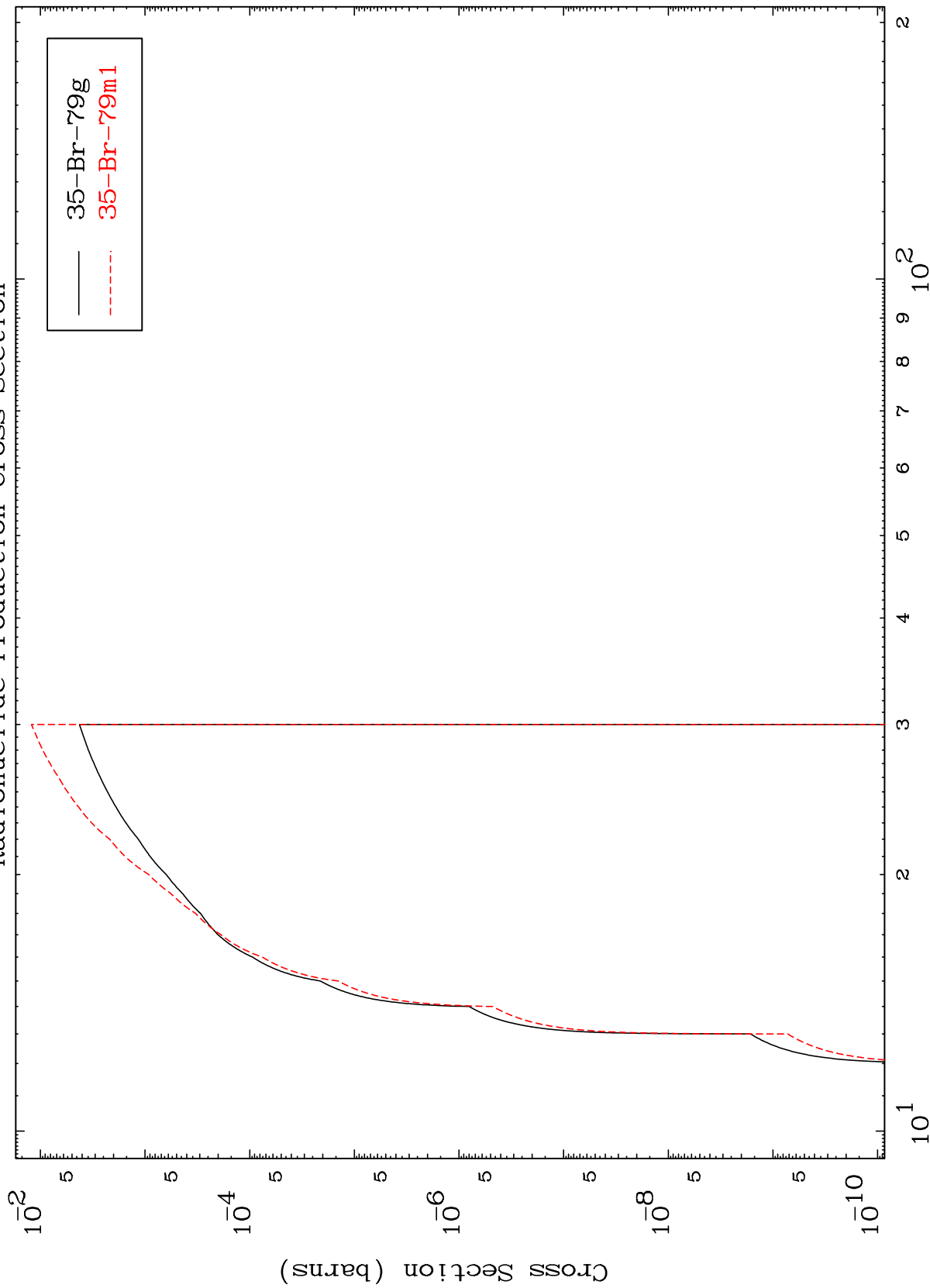
17

³⁵Br-⁷⁷

MAT 3520

³⁵Br-77

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



Incident Energy (MeV)

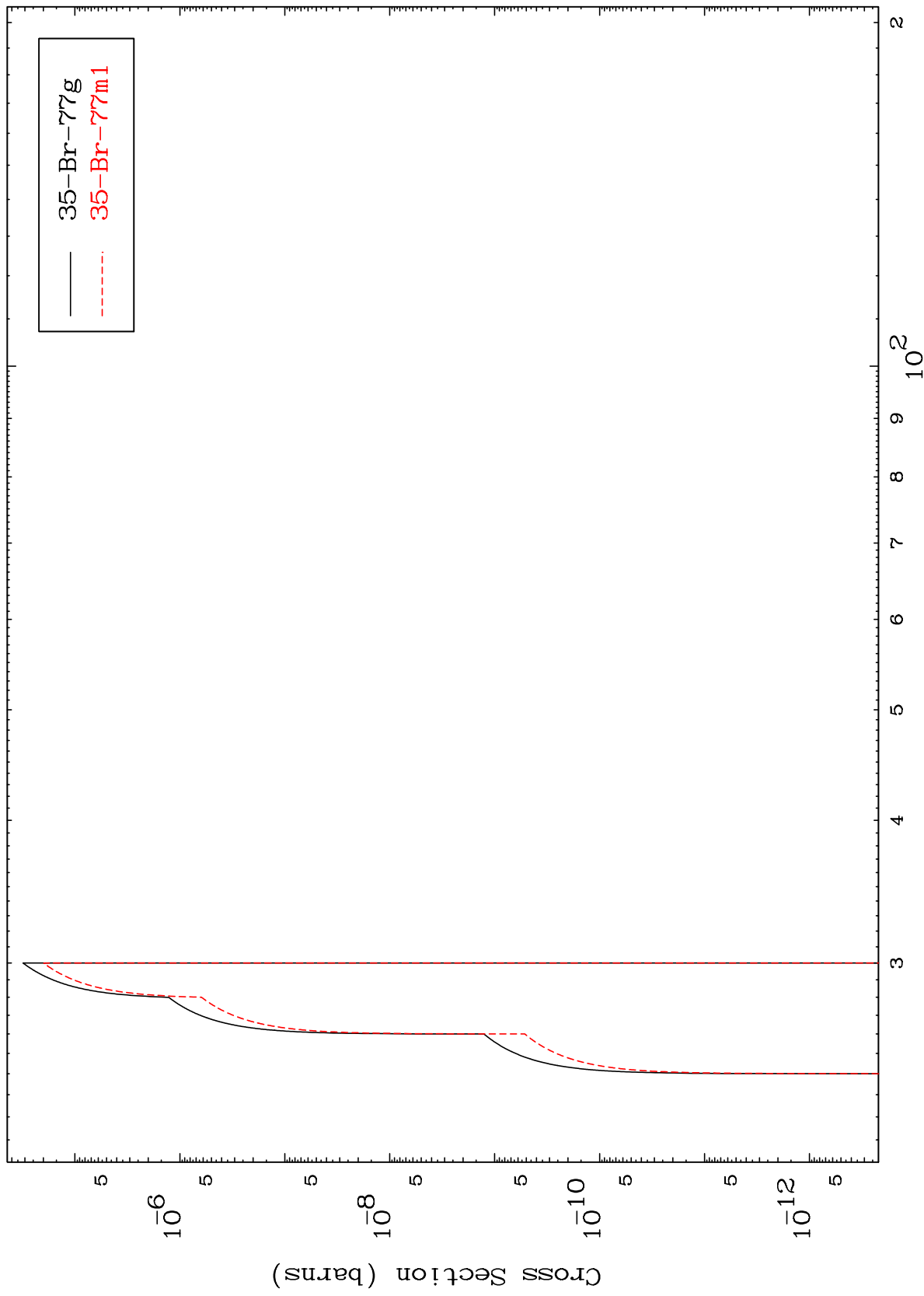
³⁵Br-77

MAT 3520

³⁵Br-⁷⁷

(α ,p) t

Radionuclide Production Cross Section



19

Incident Energy (MeV)

³⁵Br-⁷⁷