

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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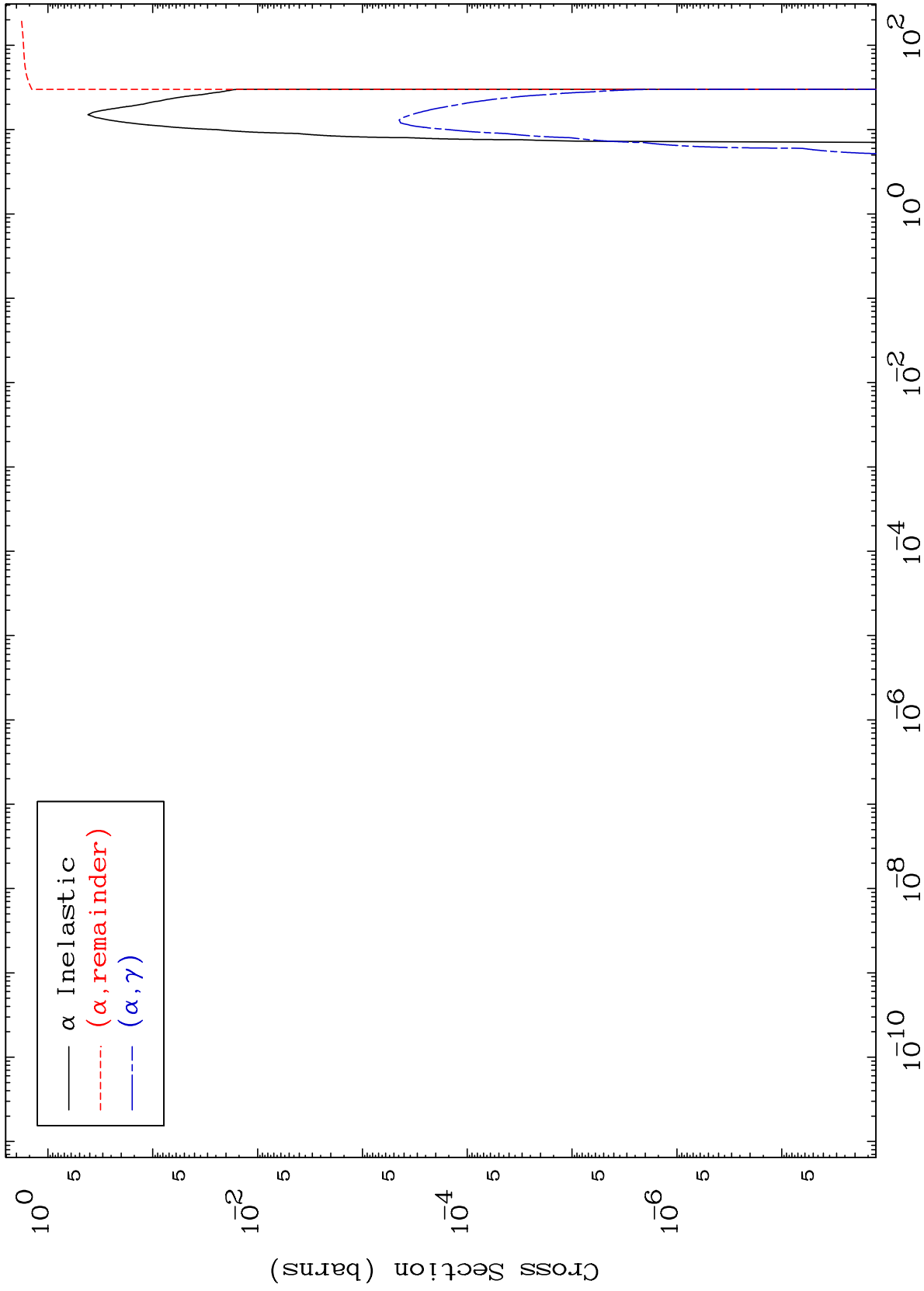
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

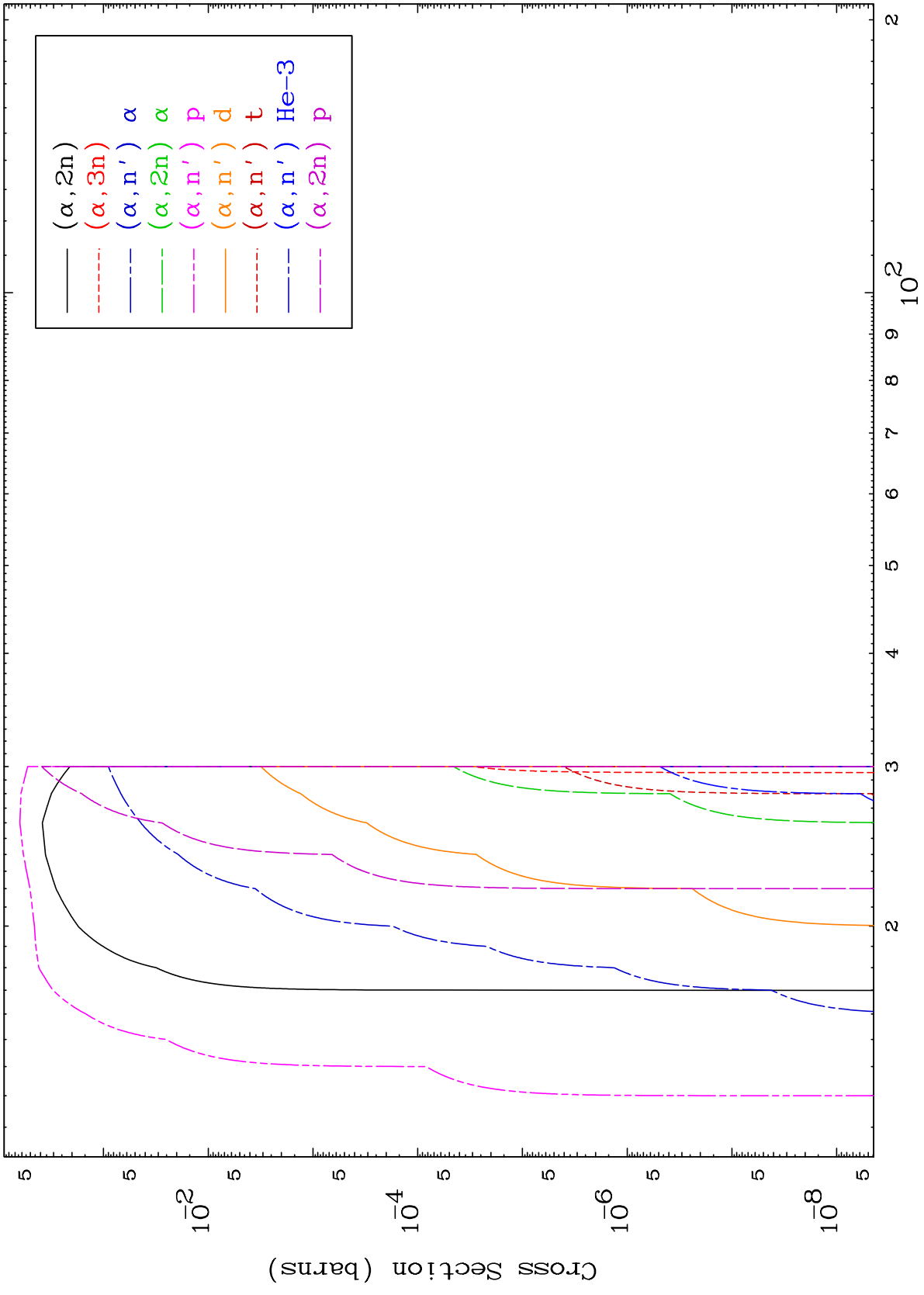
Press Mouse Button to Start

MAT 3519

0 Kelvin α Major
Cross Sections

35-Br-77

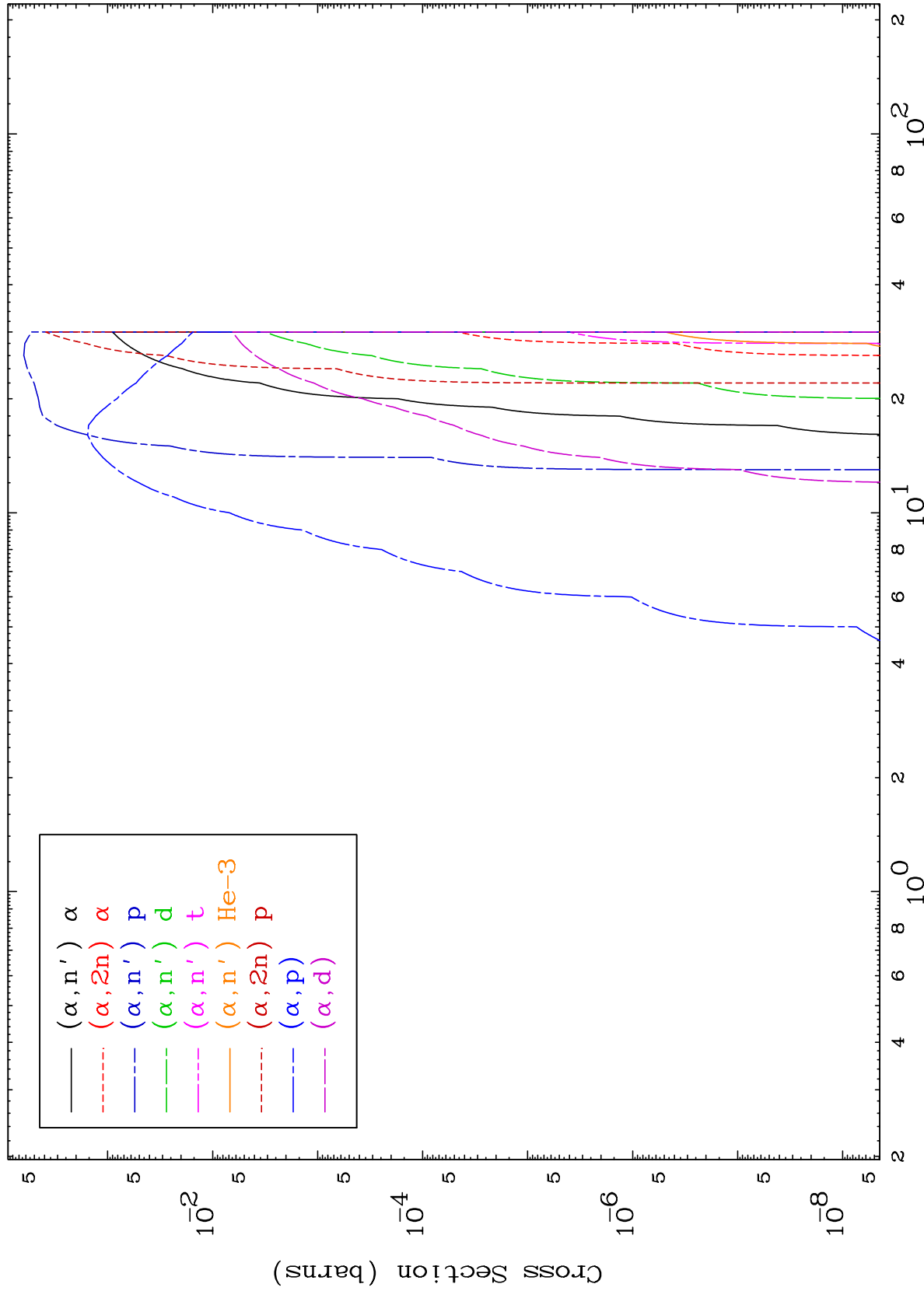




MAT 3519

α Charged Particle
0 Kelvin Cross Sections

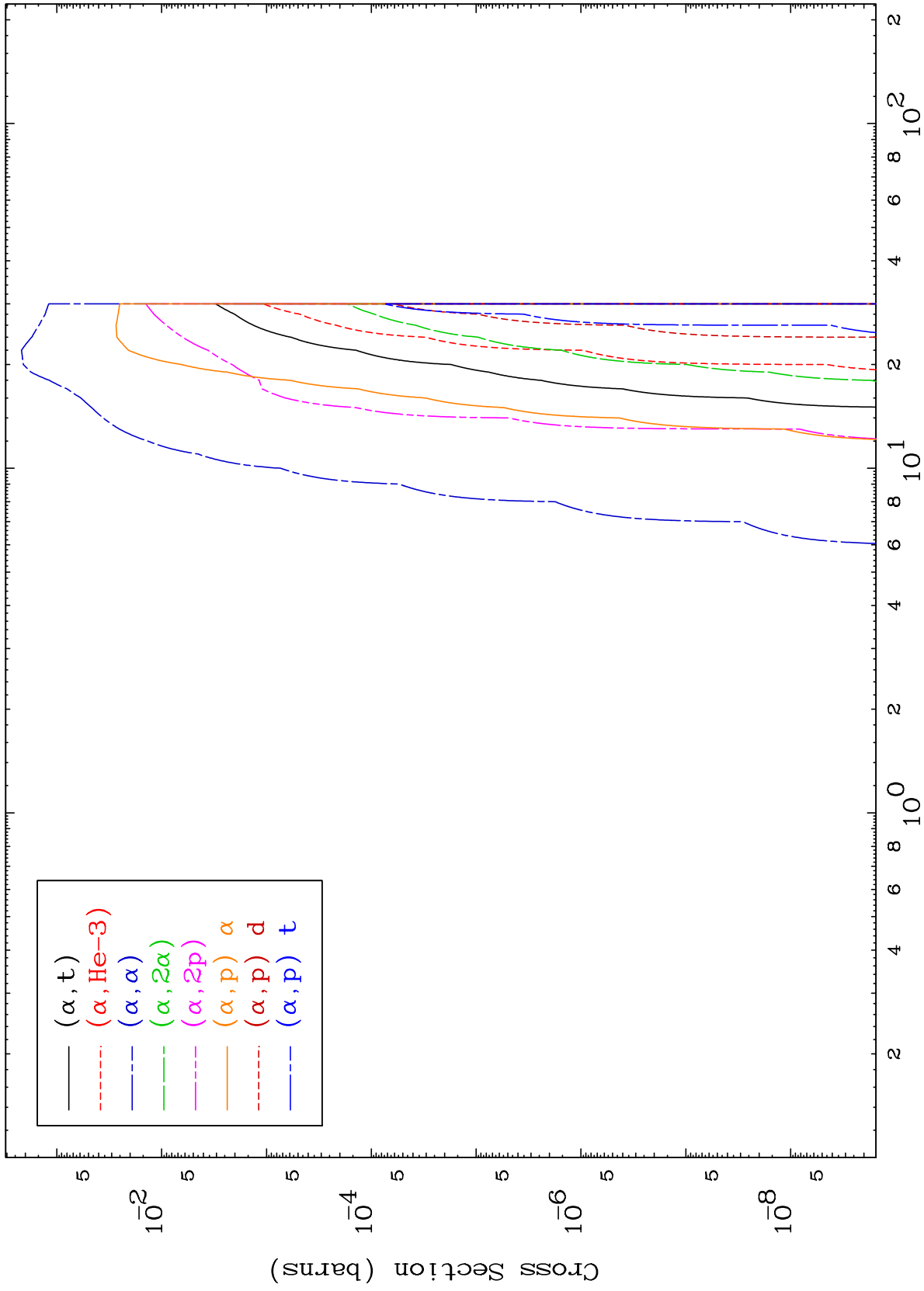
35-Br-77



3

Incident Energy (MeV)

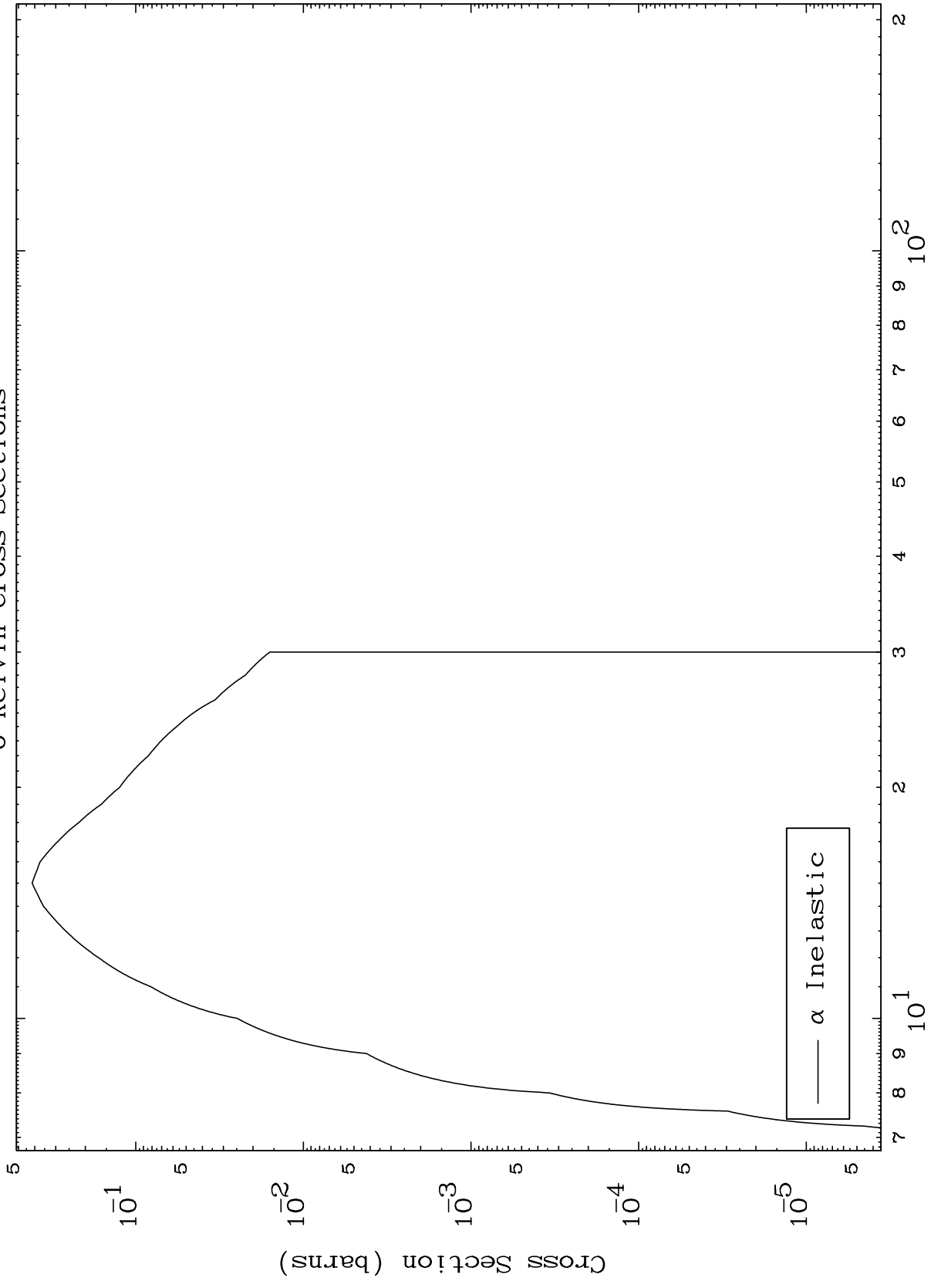
35-Br-77



MAT 3519

(α, n') Level
0 Kelvin Cross Sections

35-Br-77



5

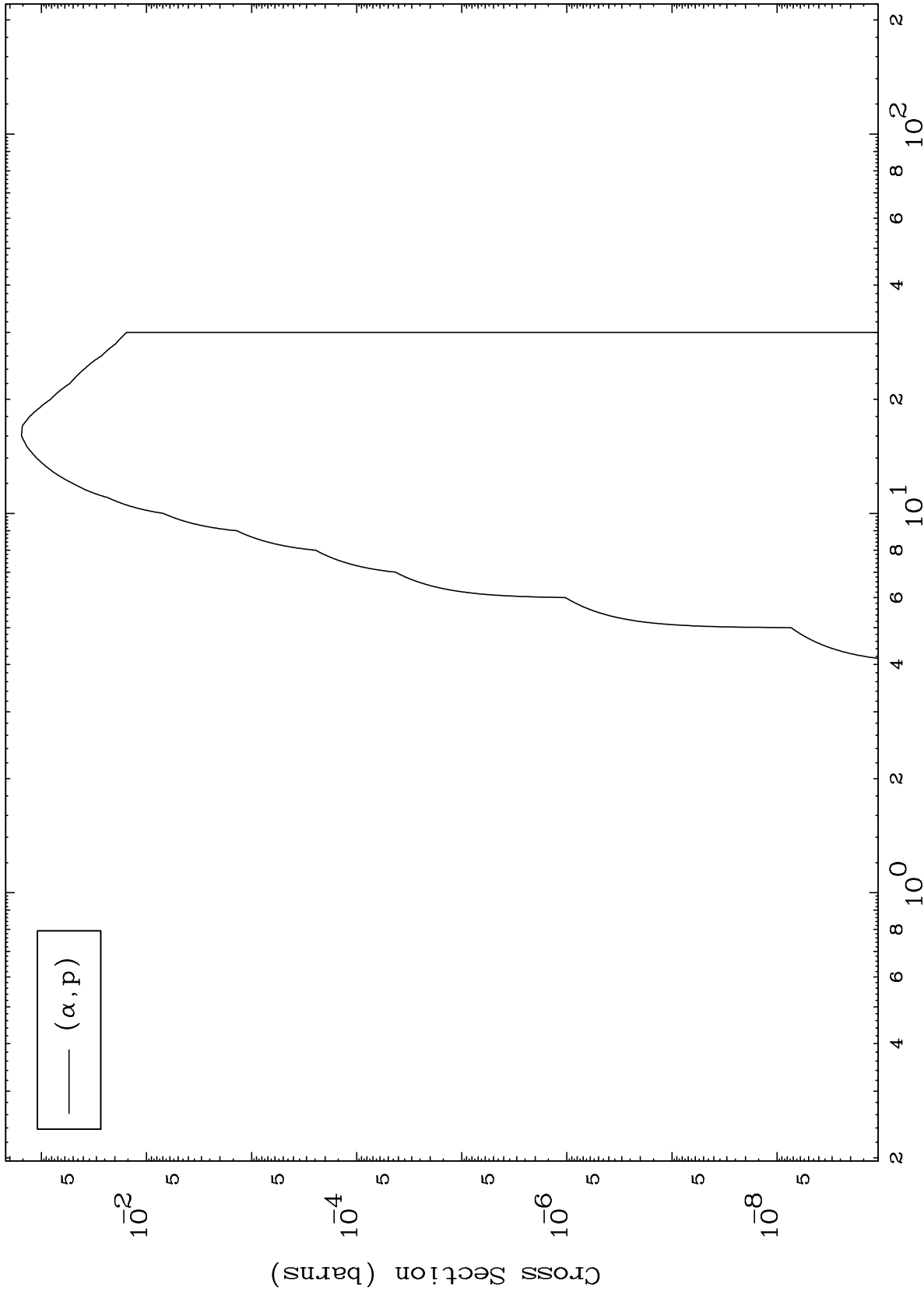
Incident Energy (MeV)

35-Br-77

MAT 3519

(α, p) Levels
0 Kelvin Cross Sections

35-Br-77



6

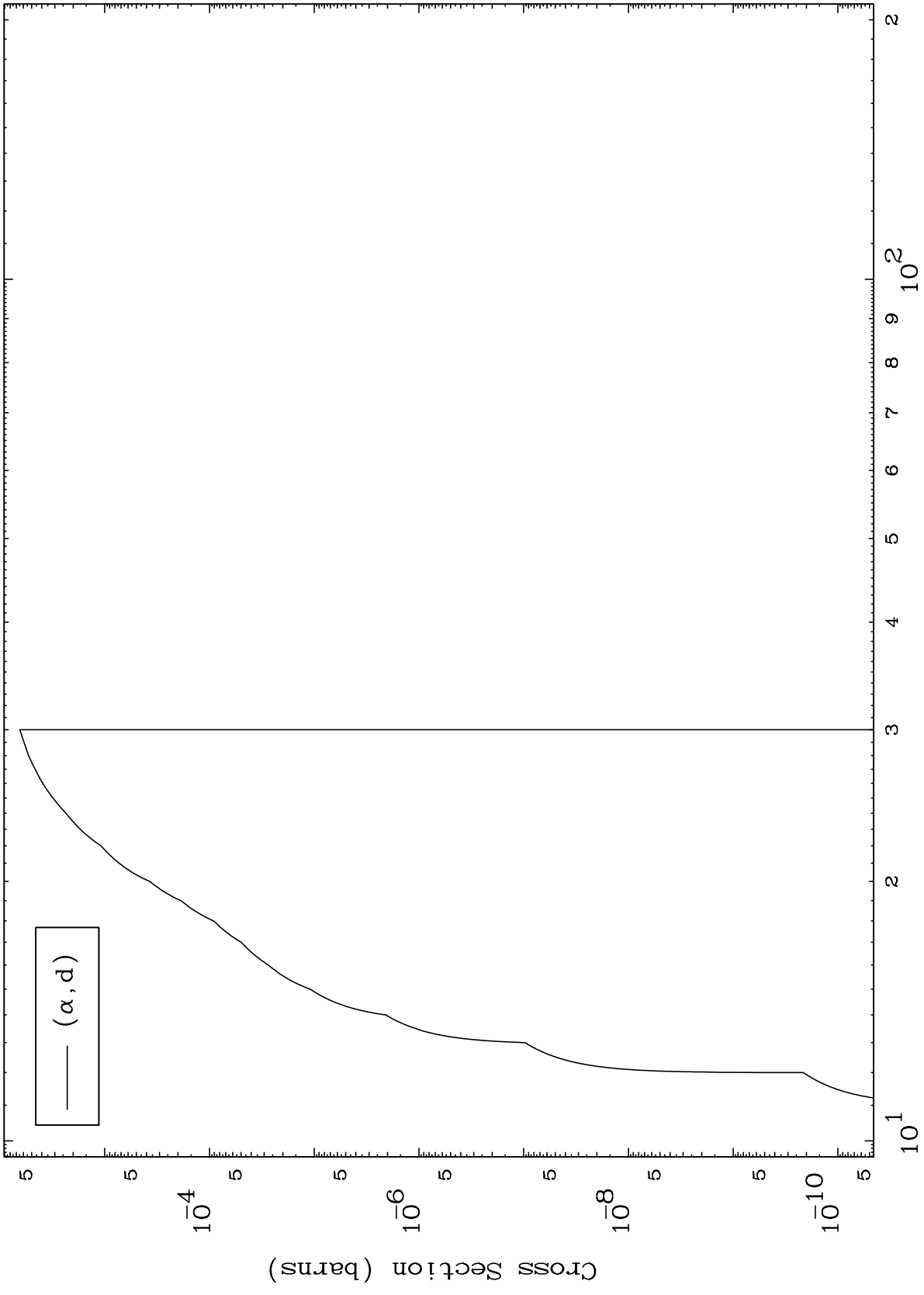
Incident Energy (MeV)

35-Br-77

MAT 3519

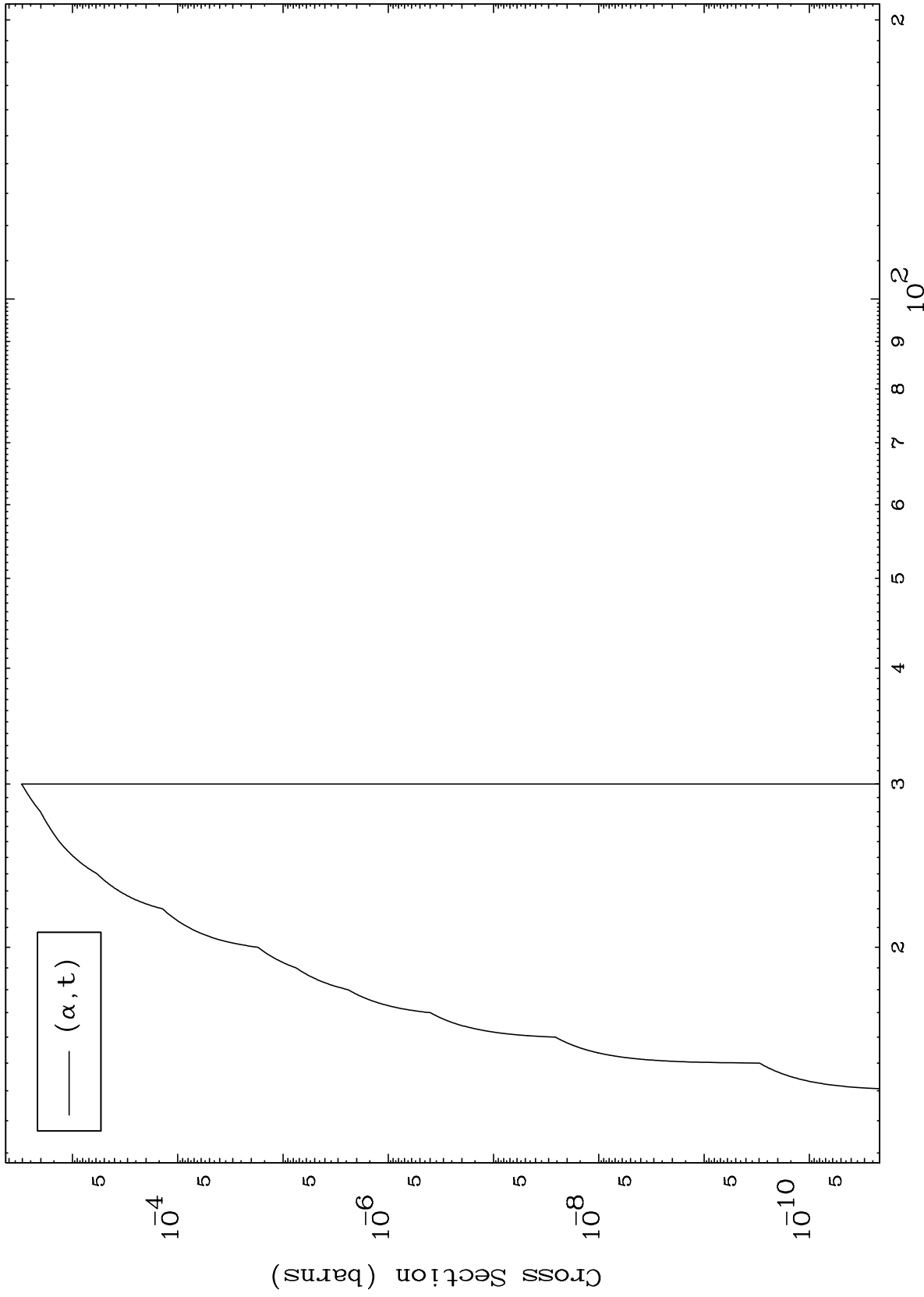
(α, d) Levels
0 Kelvin Cross Sections

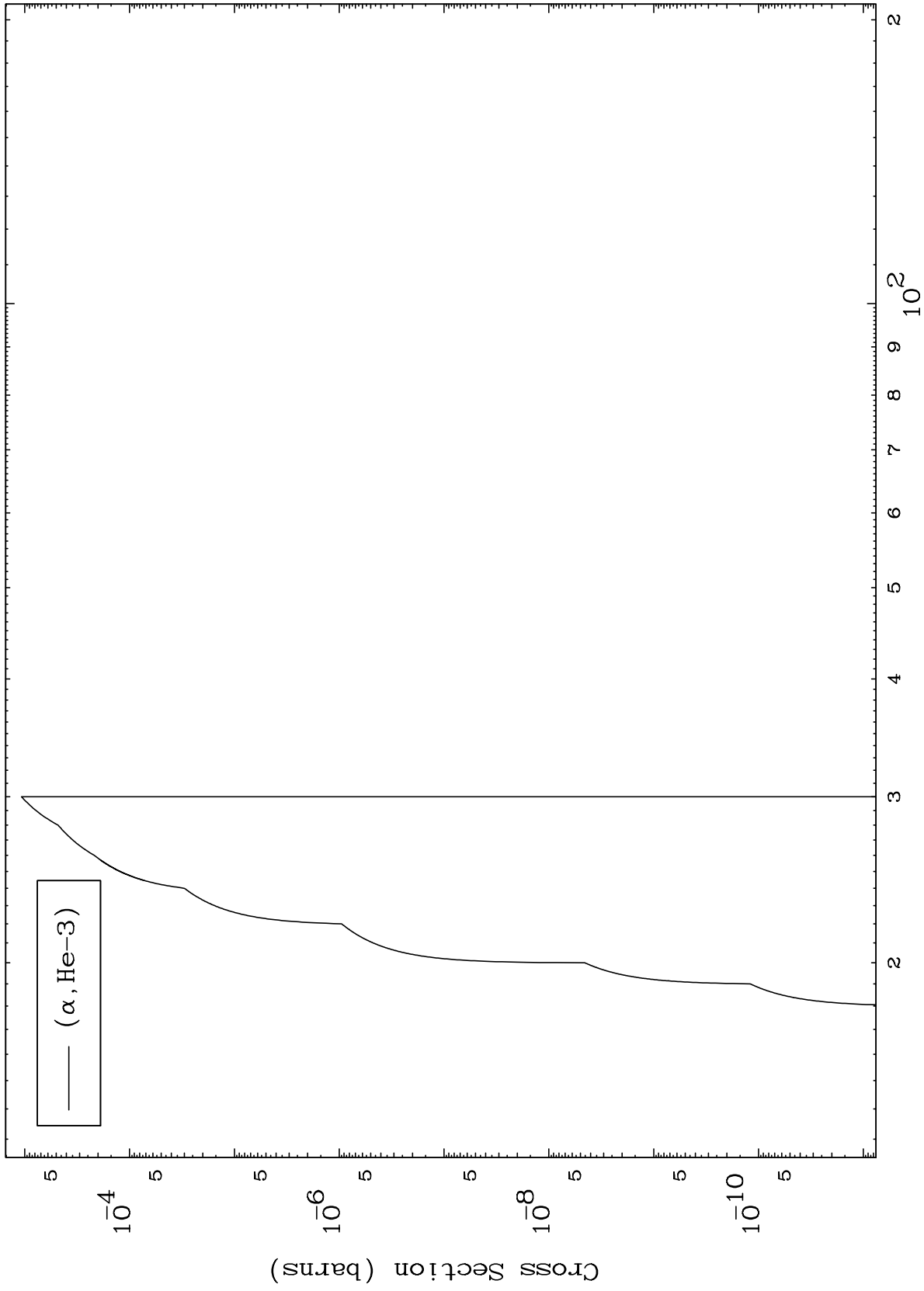
35-Br-77



Incident Energy (MeV)

35-Br-77

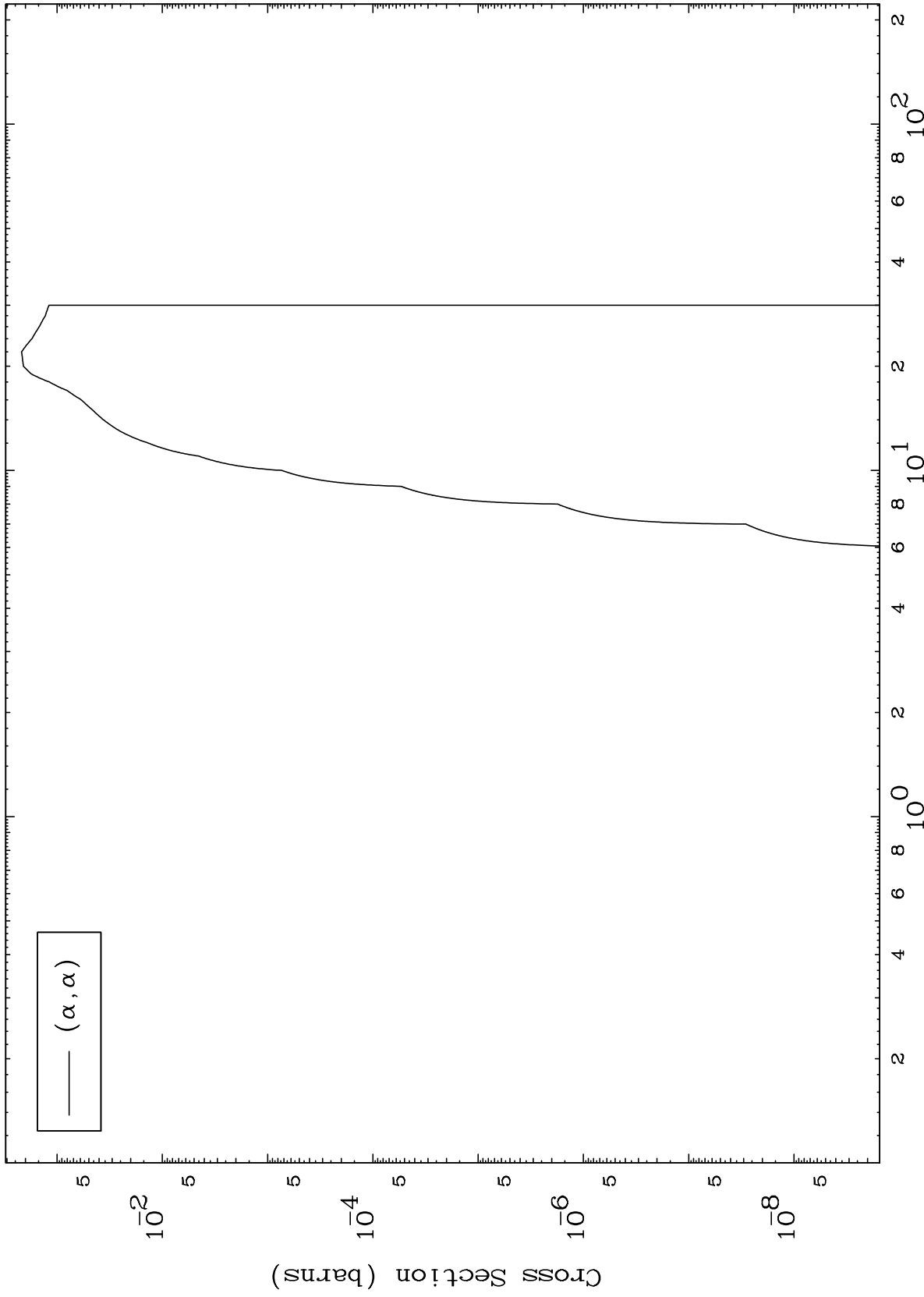




MAT 3519

(α, α) Levels
0 Kelvin Cross Sections

35-Br-77



10

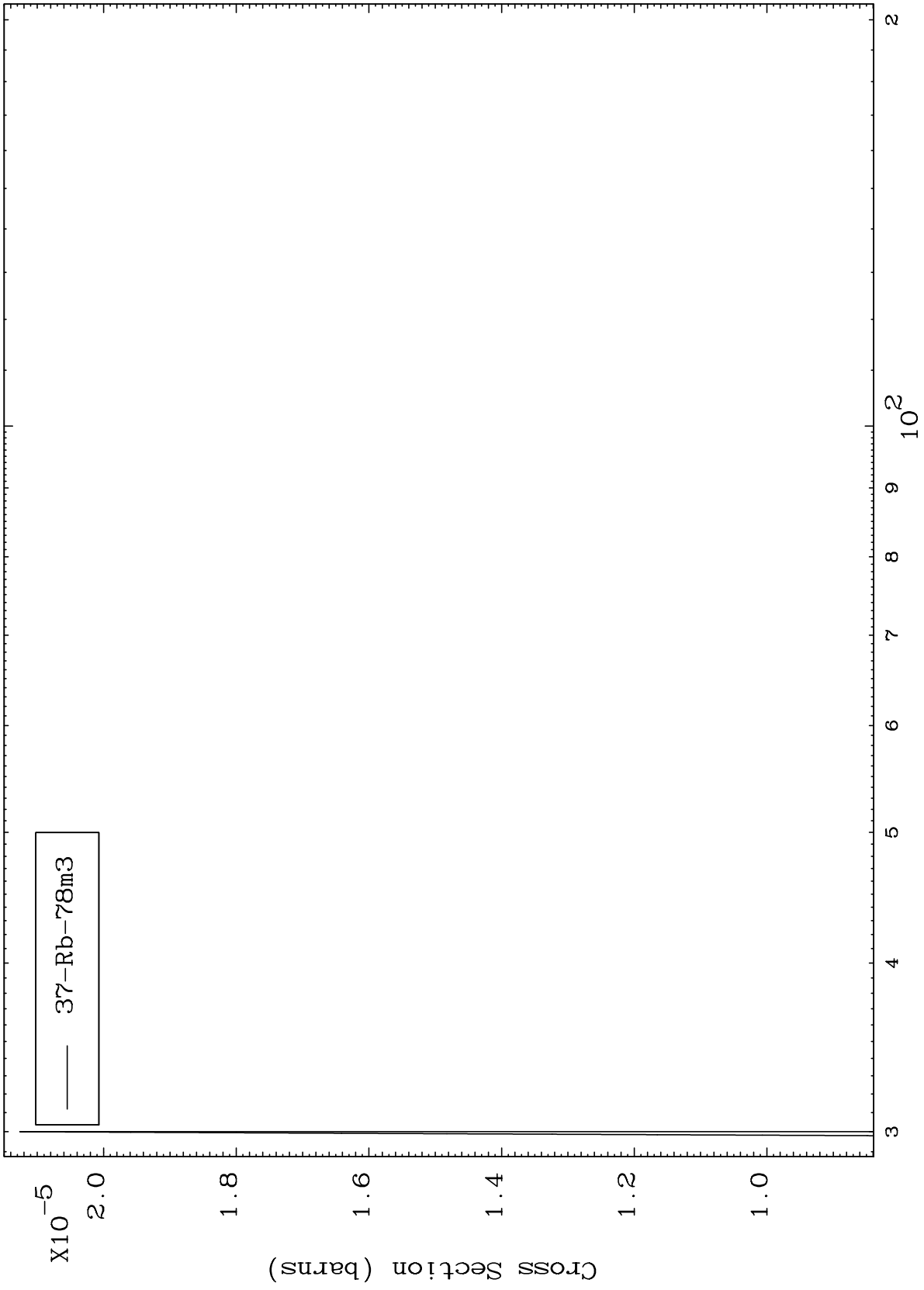
Incident Energy (MeV)

35-Br-77

MAT 3519

35-Br-77

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



11

Incident Energy (MeV)

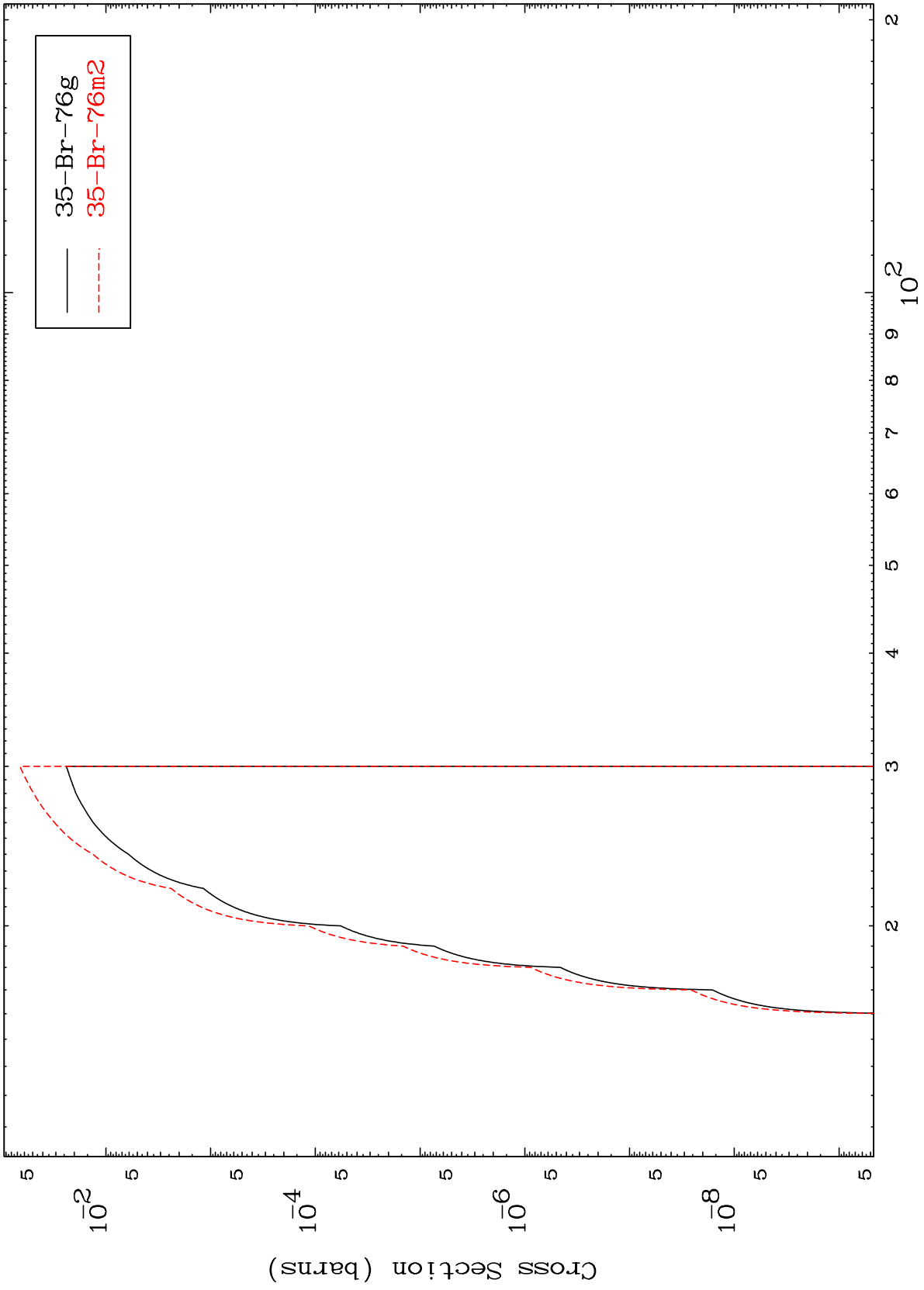
35-Br-77

MAT 3519

(α, n') α

35-Br-77

Radionuclide Production Cross Section



12

Incident Energy (MeV)

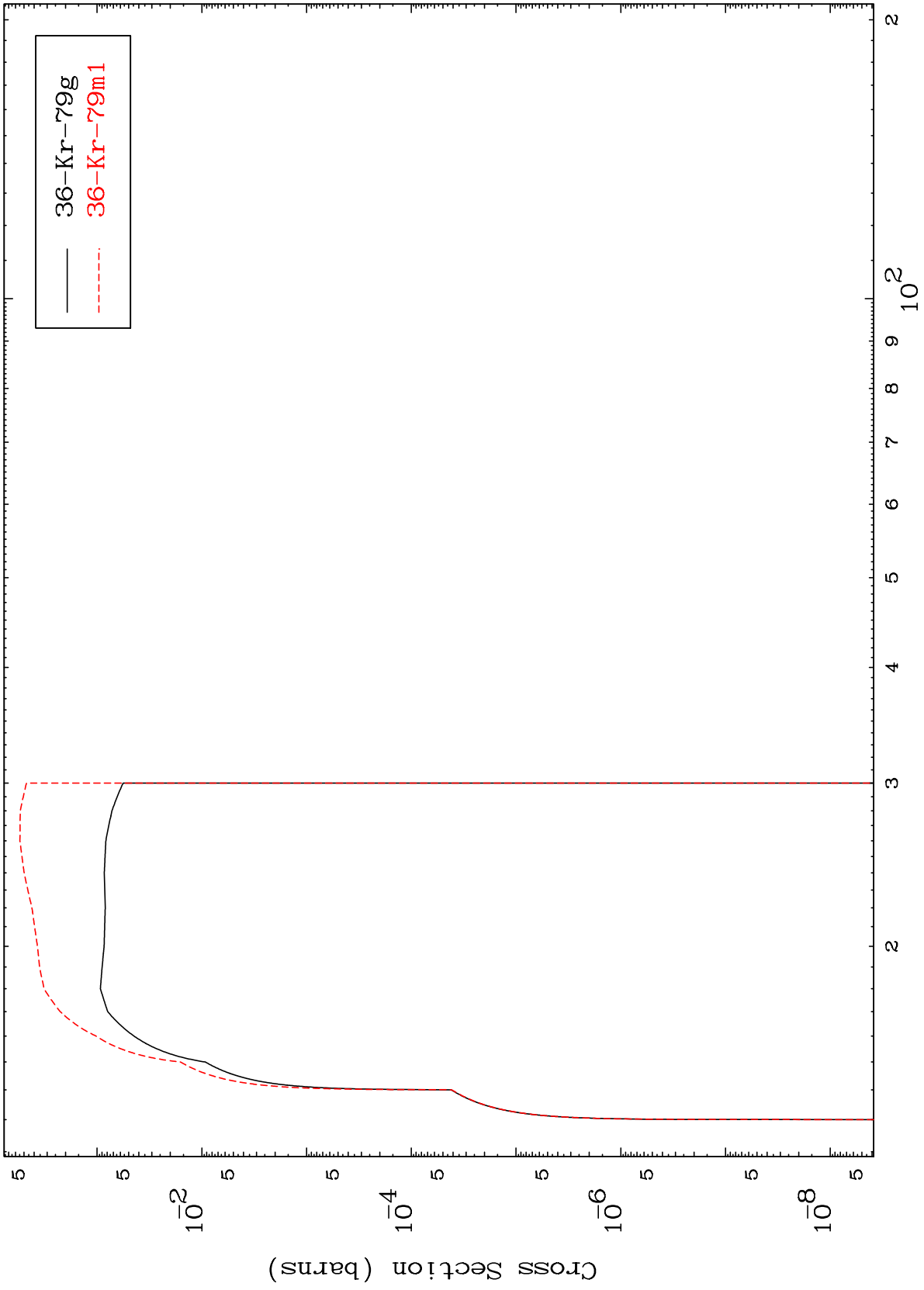
35-Br-77

MAT 3519

(α, n') p

³⁵Br-77

Radionuclide Production Cross Section



13

Incident Energy (MeV)

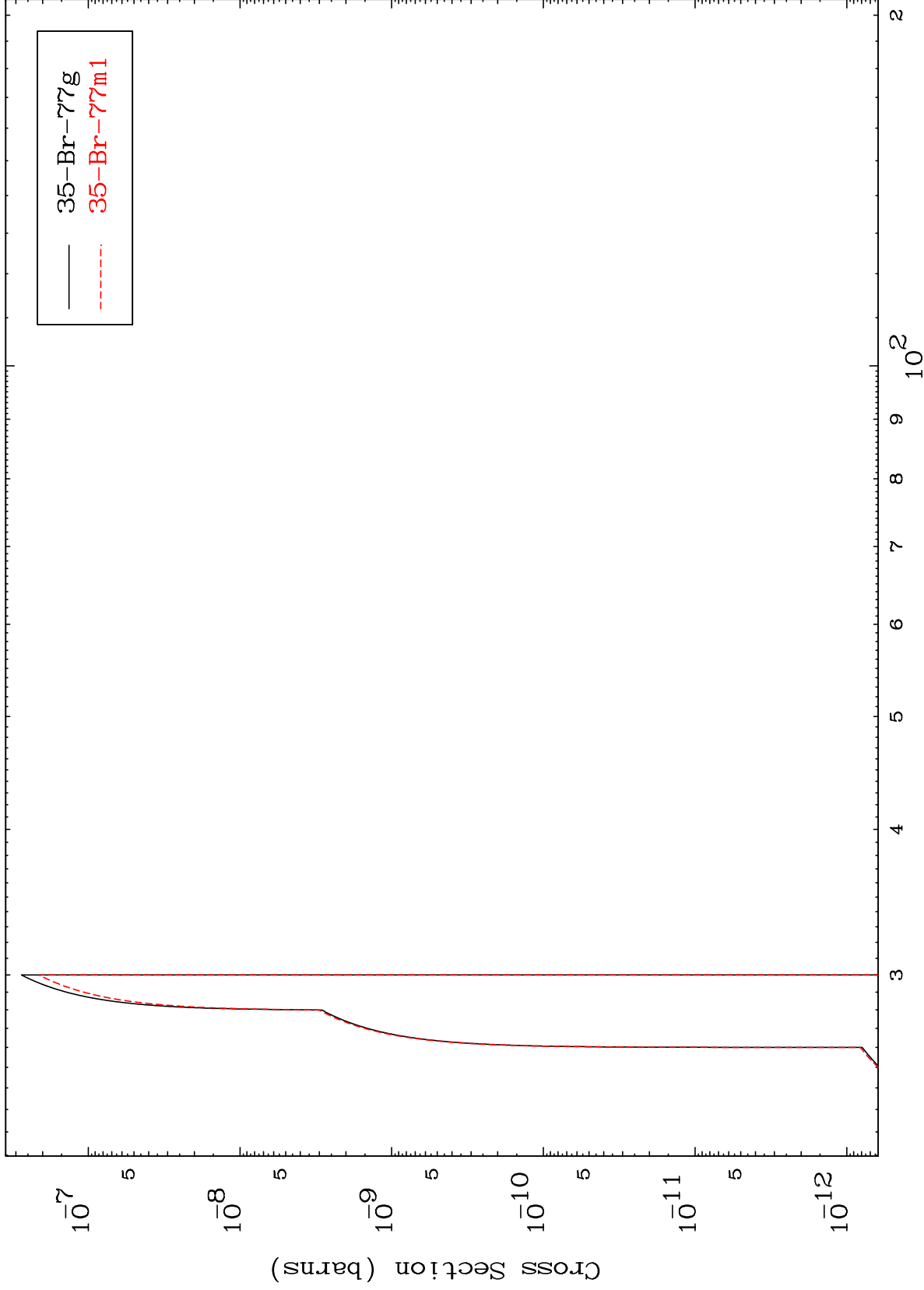
³⁵Br-77

MAT 3519

(α, n') He-3

³⁵Br-⁷⁷

Radionuclide Production Cross Section



14

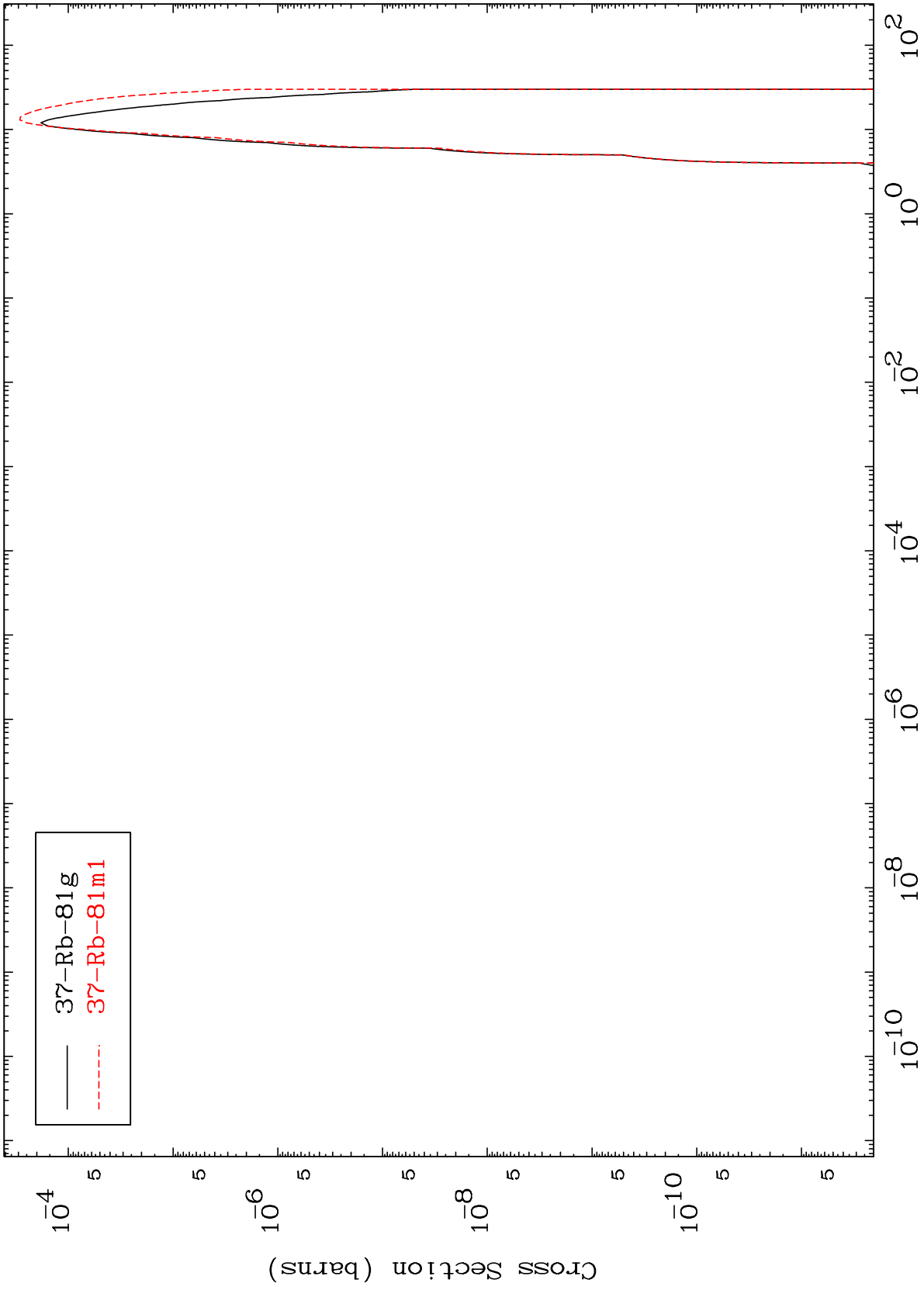
Incident Energy (MeV)

³⁵Br-⁷⁷

MAT 3519

(α, γ)
Radionuclide Production Cross Section

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



15

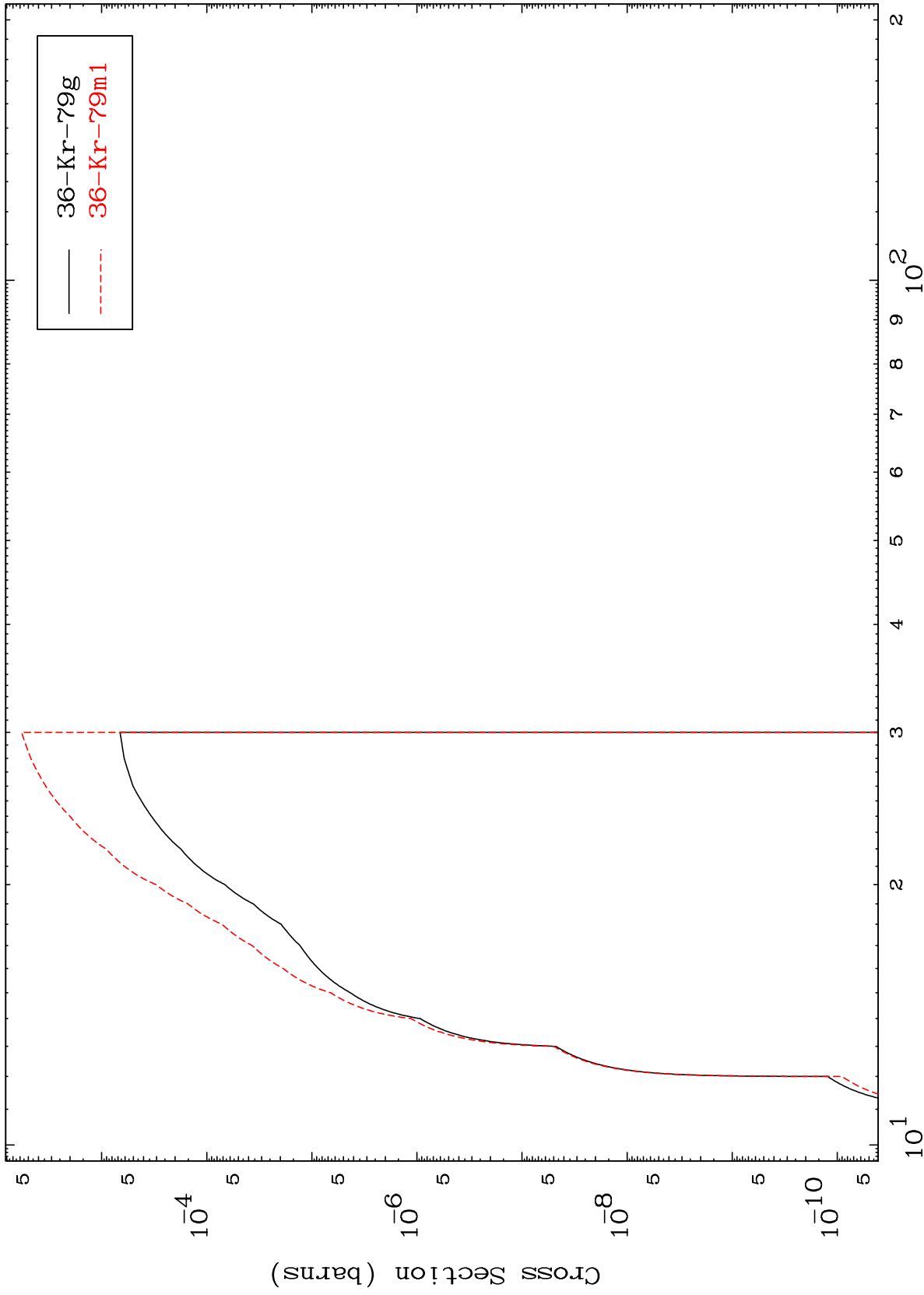
$^{35}\text{Br-77}$

MAT 3519

(α, d)

35-Br-77

Radionuclide Production Cross Section



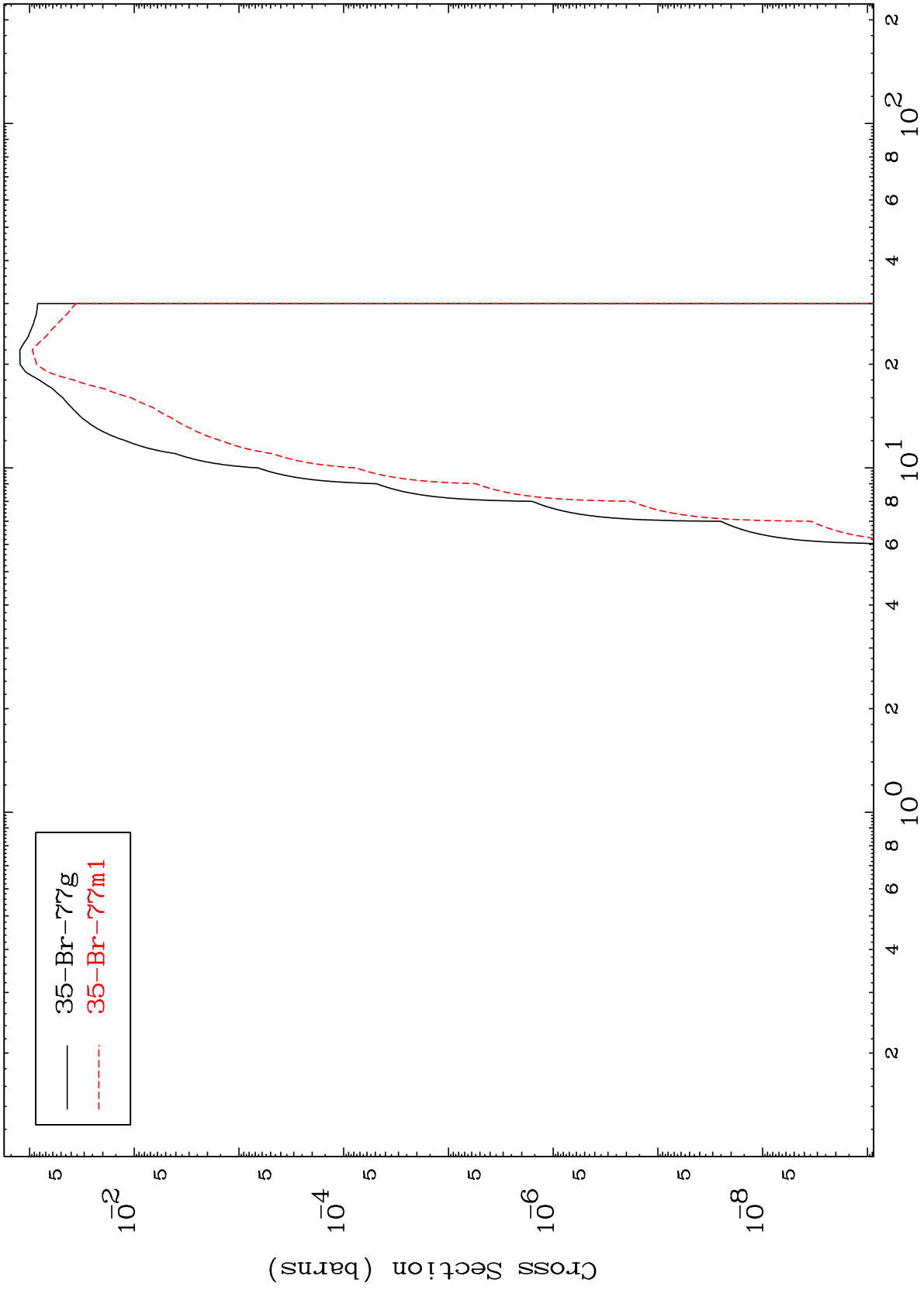
Incident Energy (MeV)

35-Br-77

MAT 3519

³⁵Br-⁷⁷

Radionuclide Production Cross Section



17

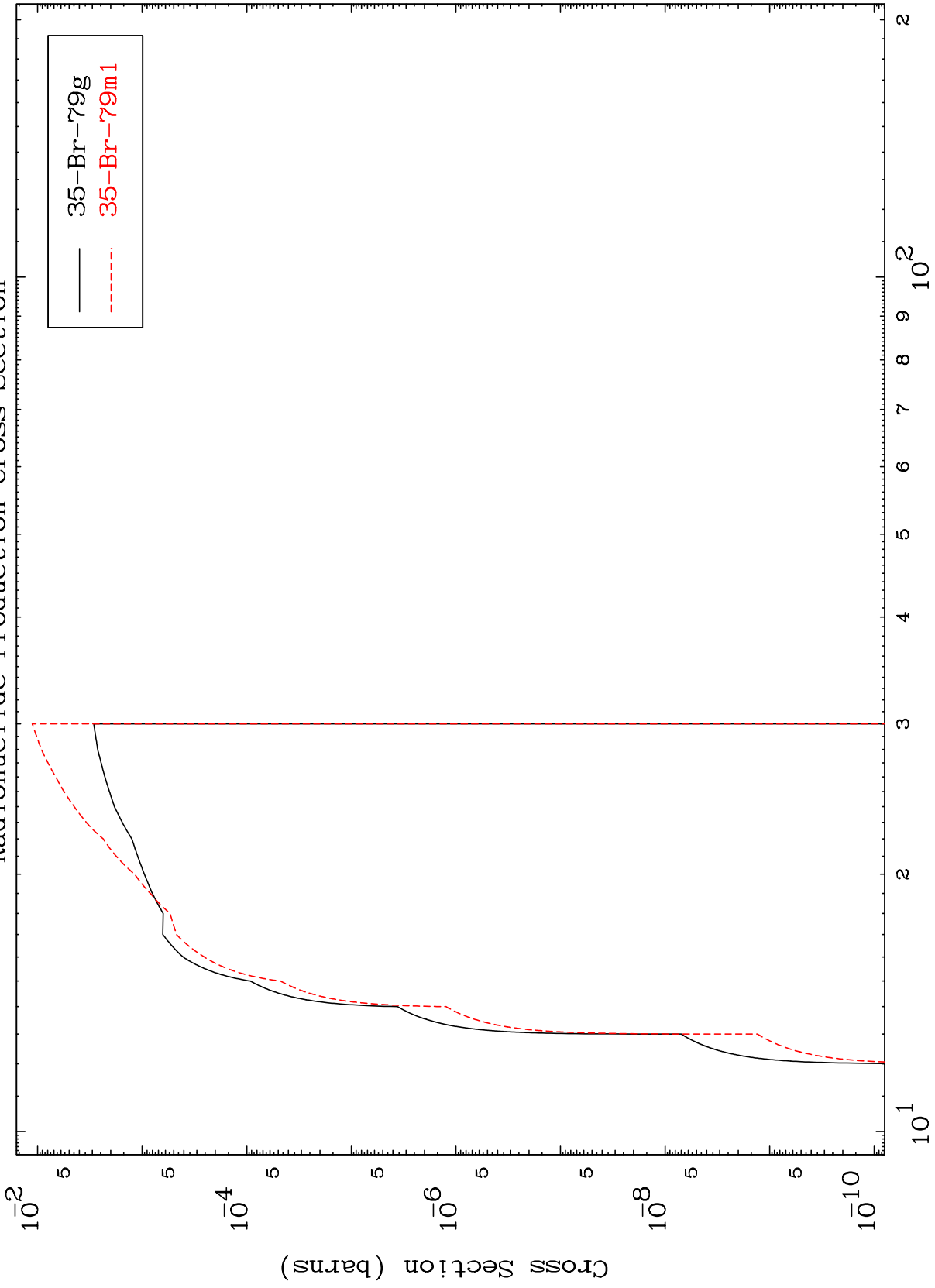
Incident Energy (MeV)

³⁵Br-⁷⁷

MAT 3519

35-Br-77

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



Incident Energy (MeV)

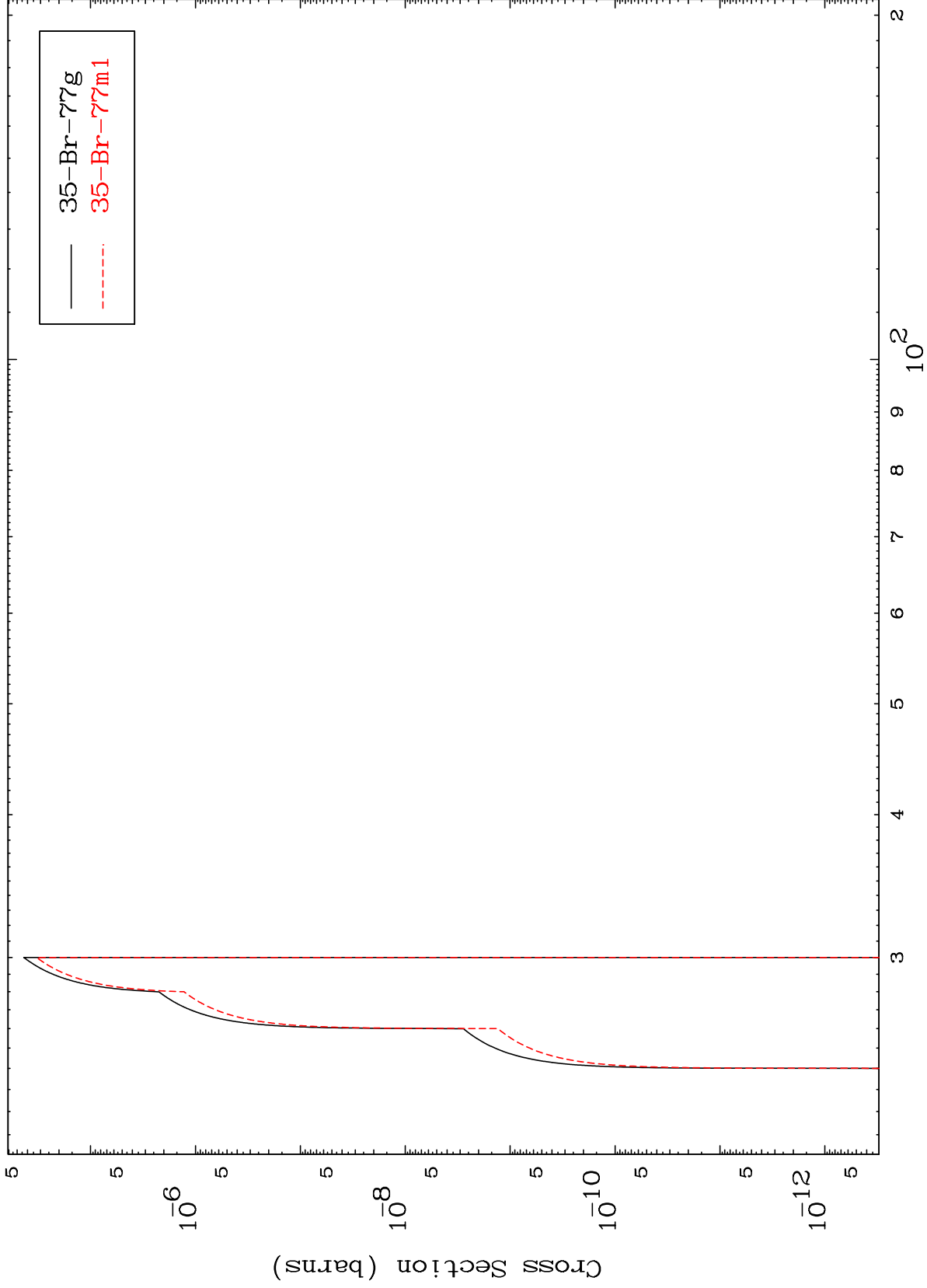
35-Br-77

MAT 3519

(α, p) t

³⁵Br-⁷⁷

Radionuclide Production Cross Section



19

Incident Energy (MeV)

³⁵Br-⁷⁷