

Program EVALPLOT
(Version 2018-1)

by

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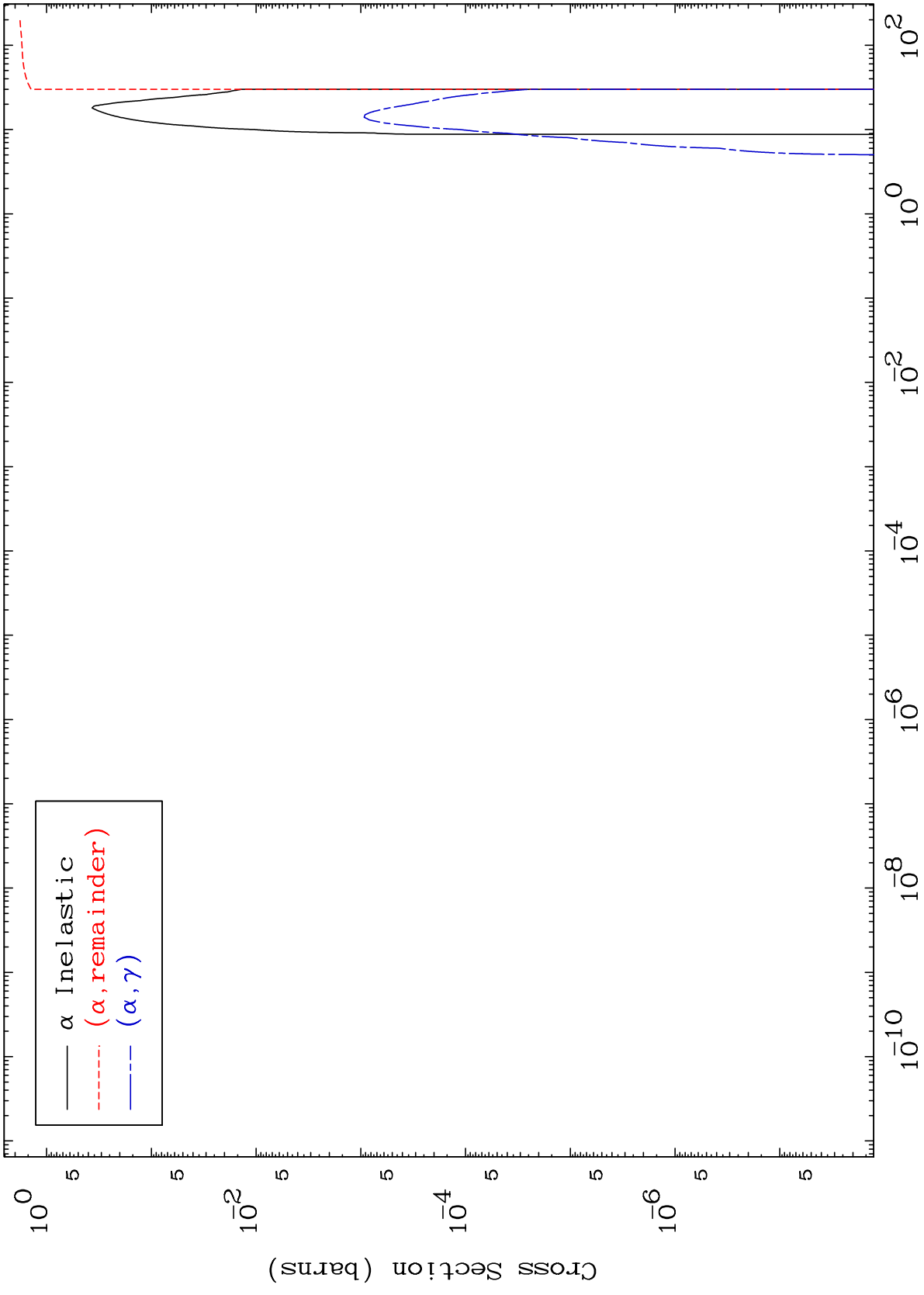
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3625

0 Kelvin α Major
Cross Sections

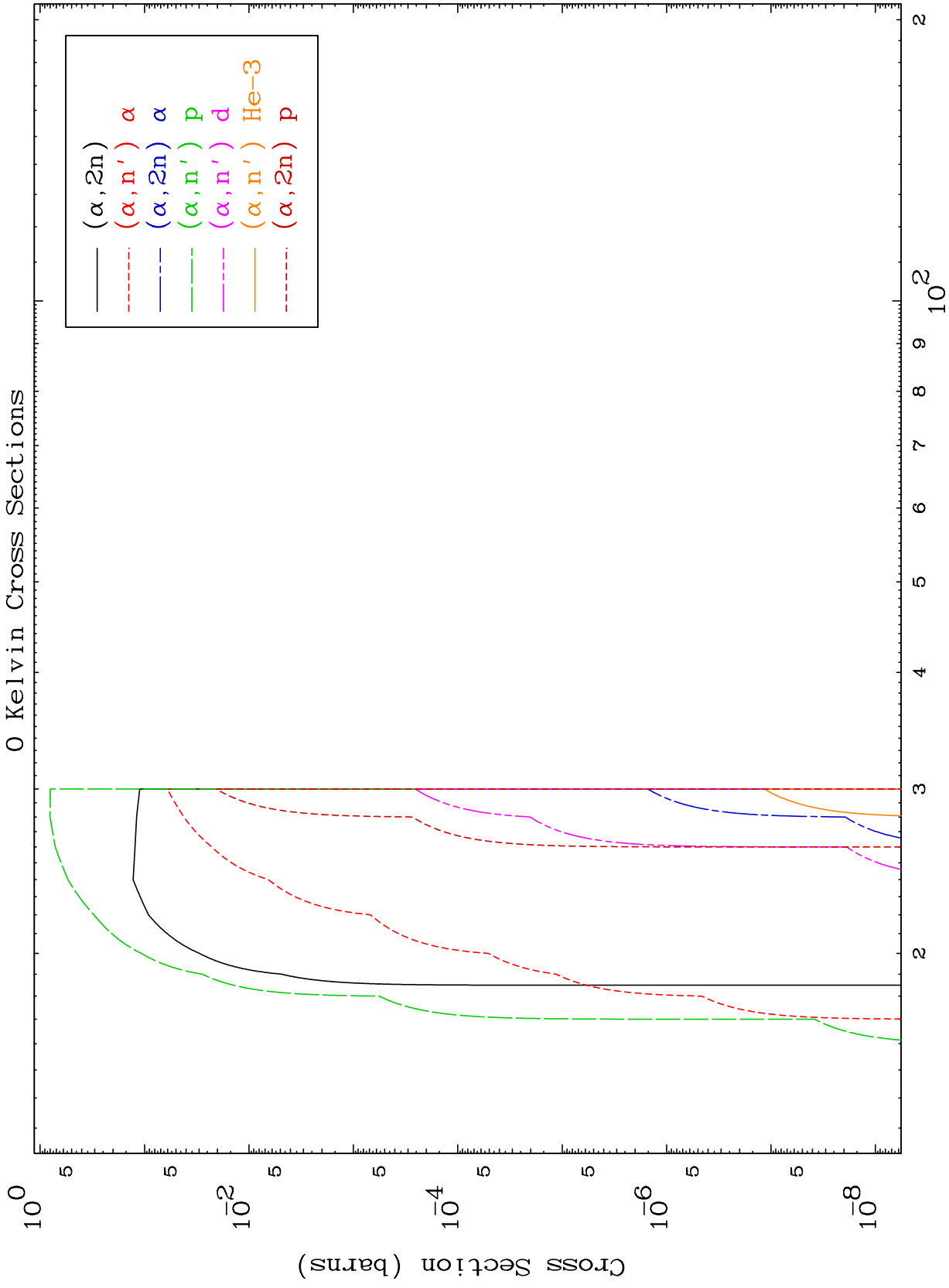
36-Kr-78



MAT 3625

α Neutron Production
0 Kelvin Cross Sections

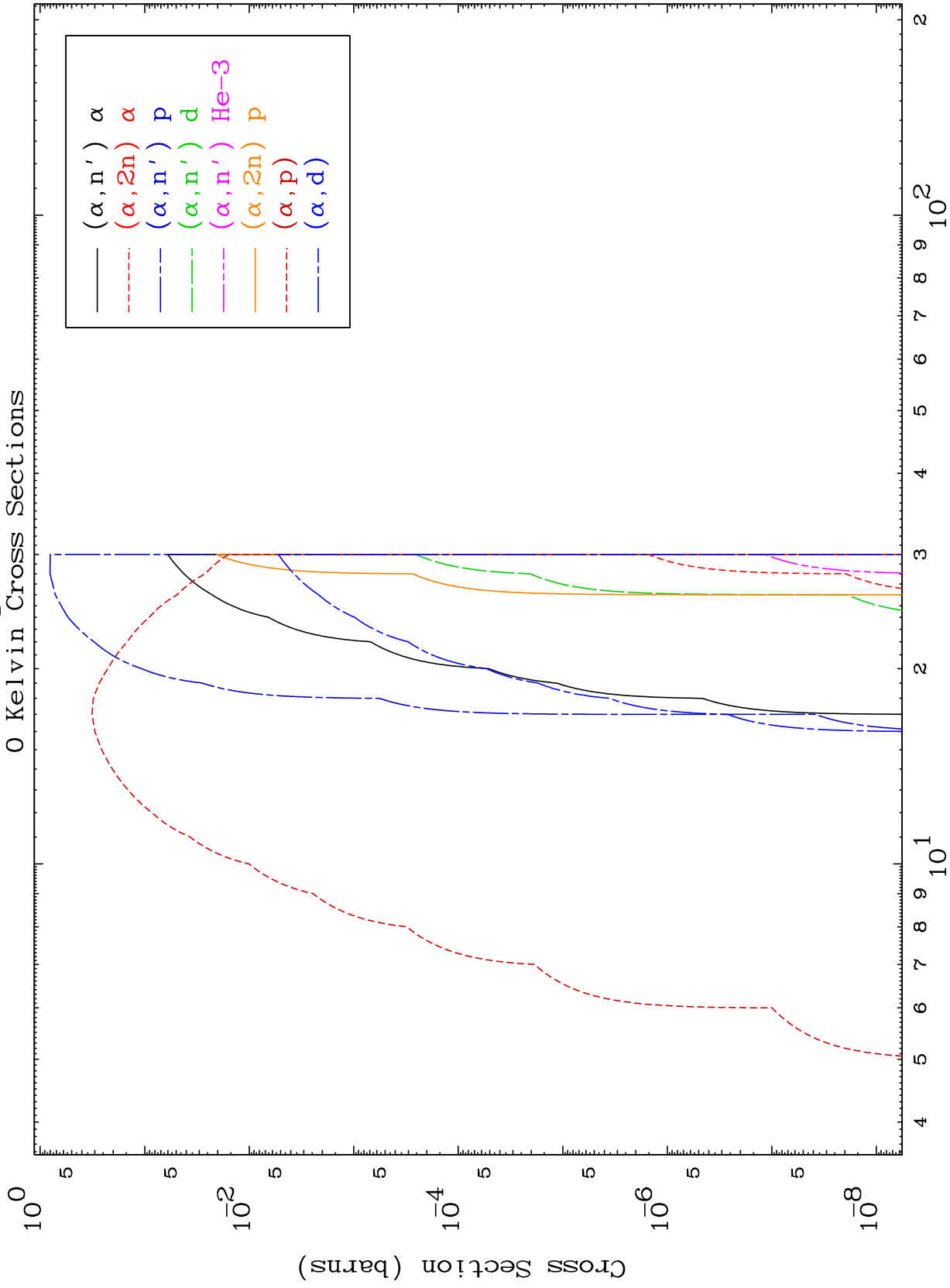
$^{36}\text{Kr}-78$



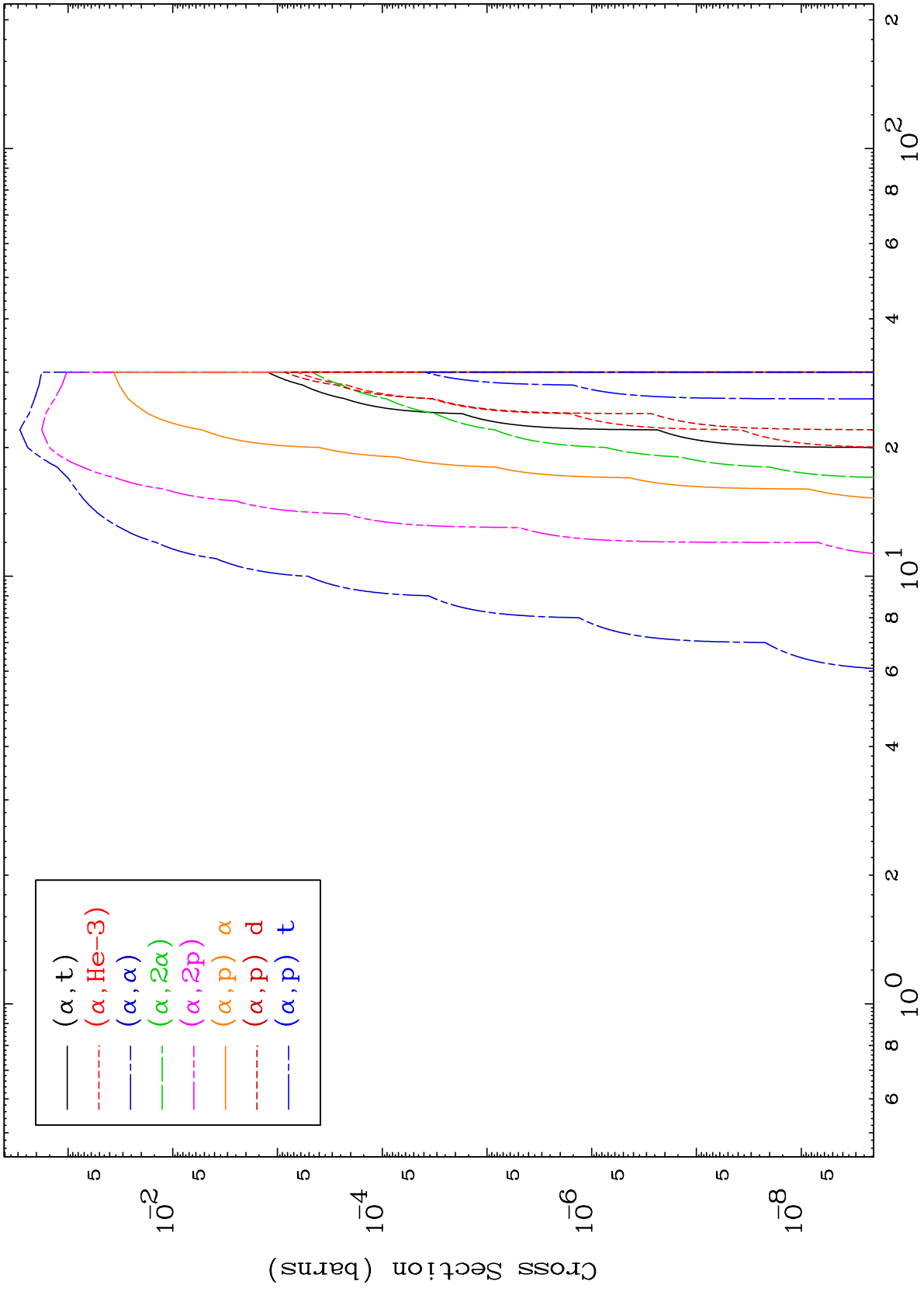
2

Incident Energy (MeV)

$^{36}\text{Kr}-78$



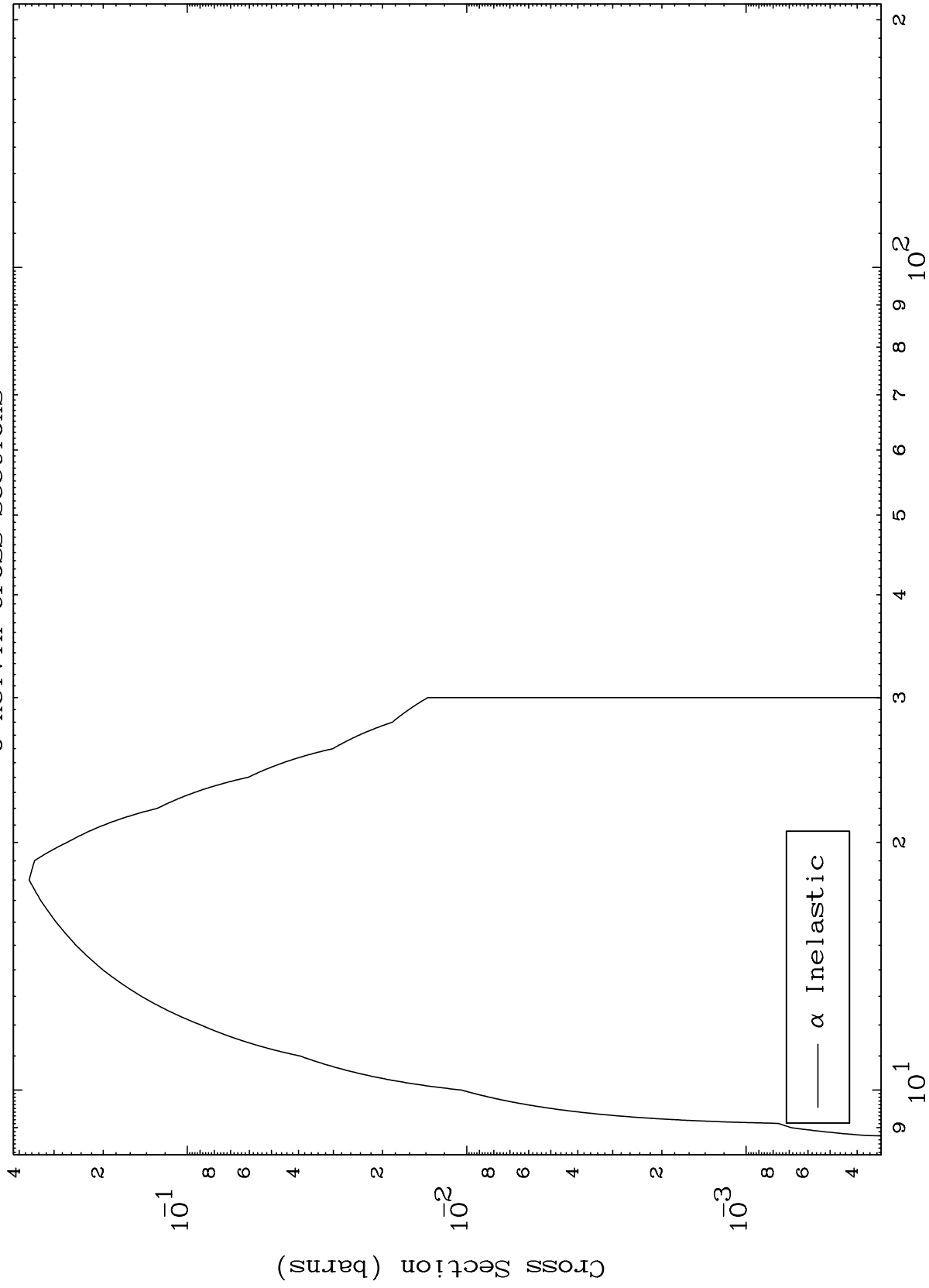
0 Kelvin Cross Sections



MAT 3625

(α, n') Level
0 Kelvin Cross Sections

36-Kr-78



5

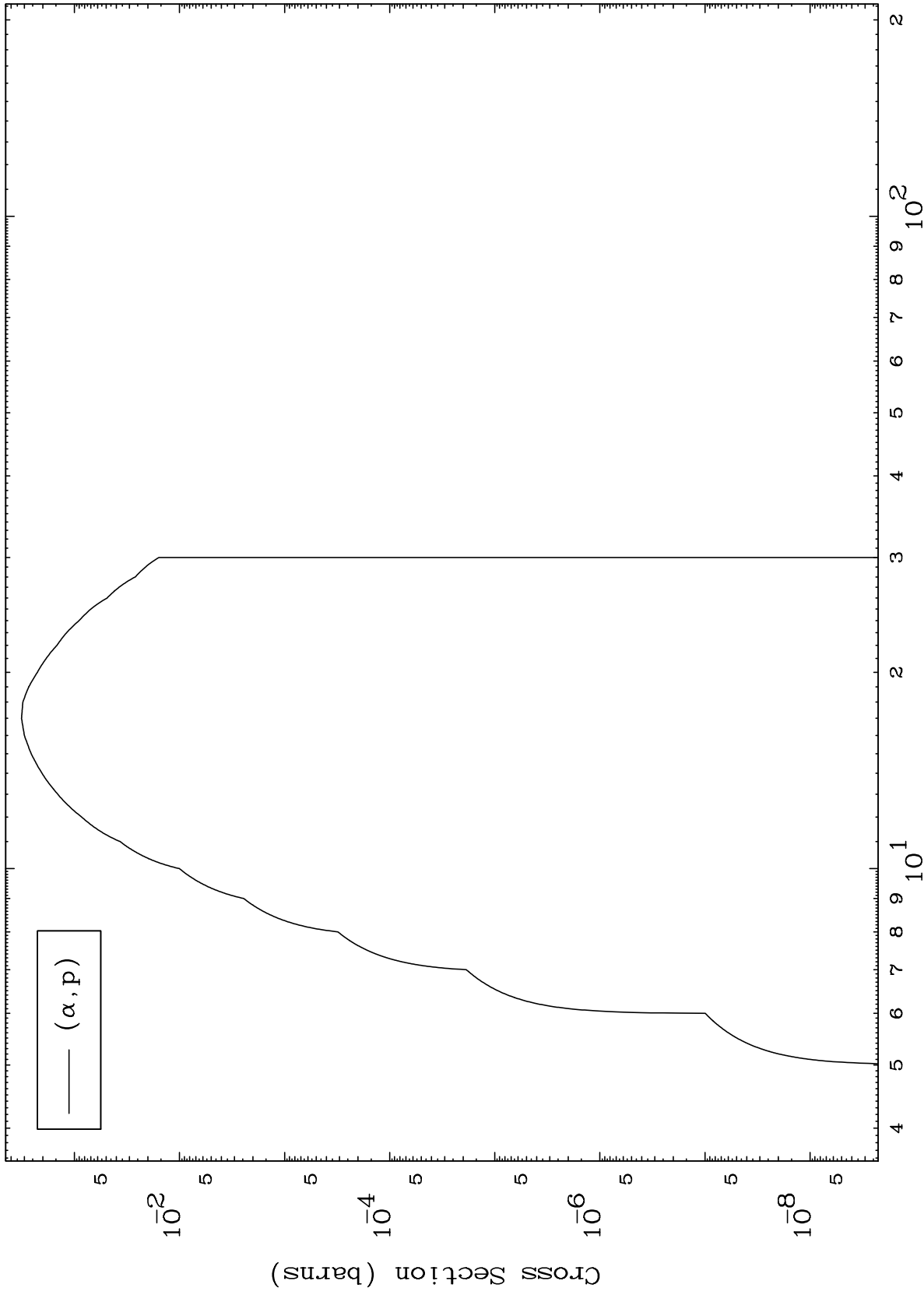
Incident Energy (MeV)

36-Kr-78

MAT 3625

36-Kr-78

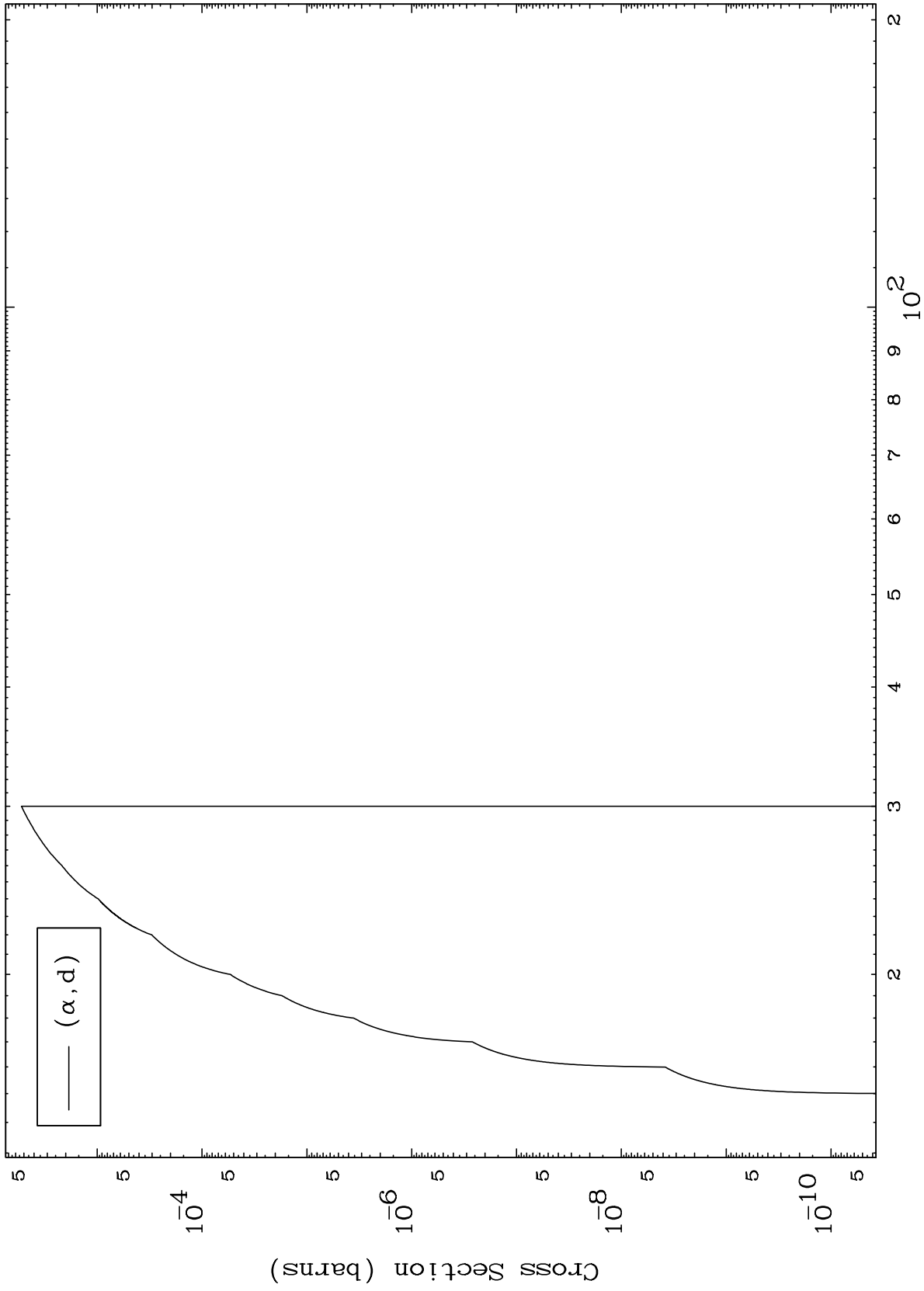
(α, p) Levels
0 Kelvin Cross Sections

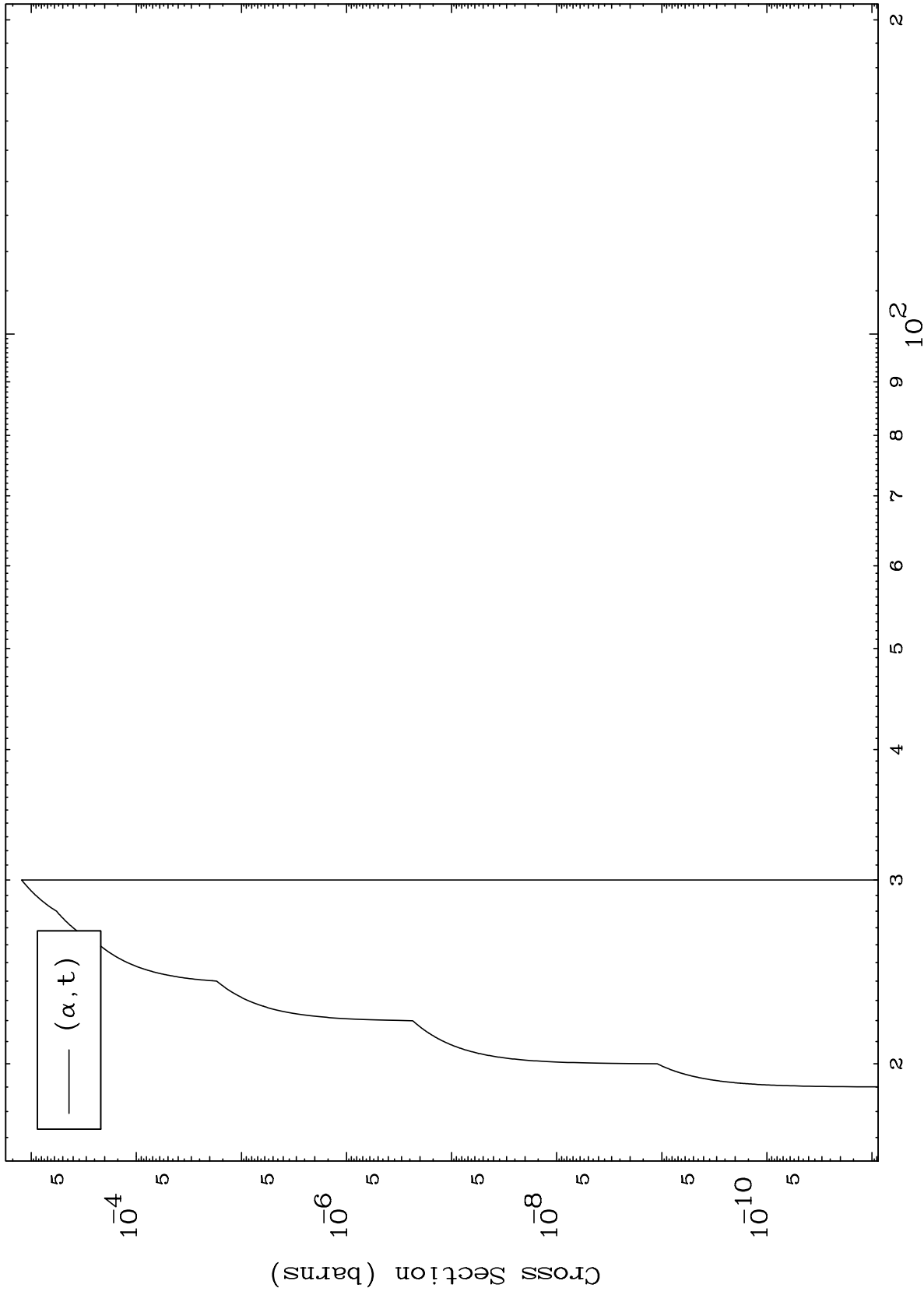


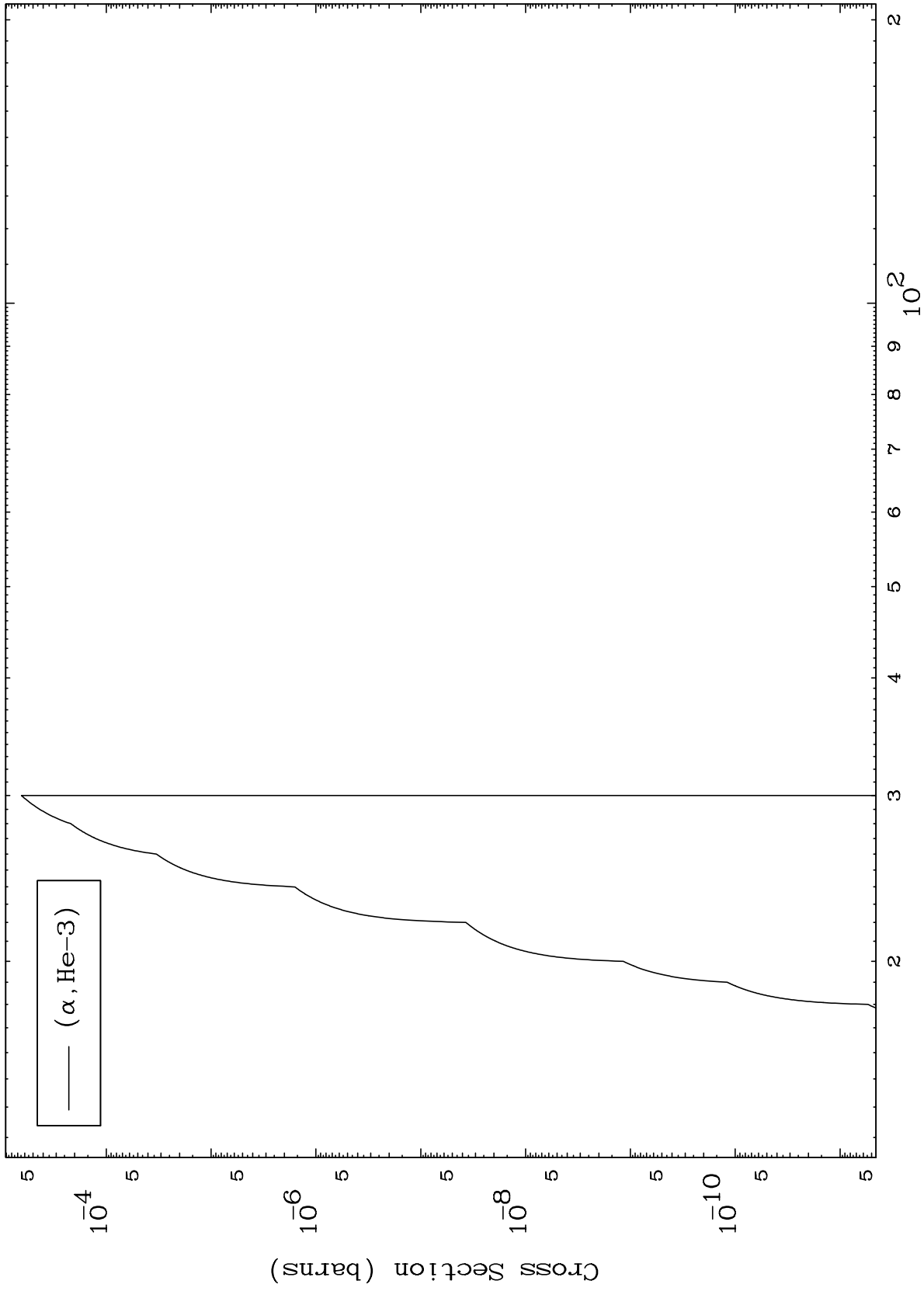
6

Incident Energy (MeV)

36-Kr-78



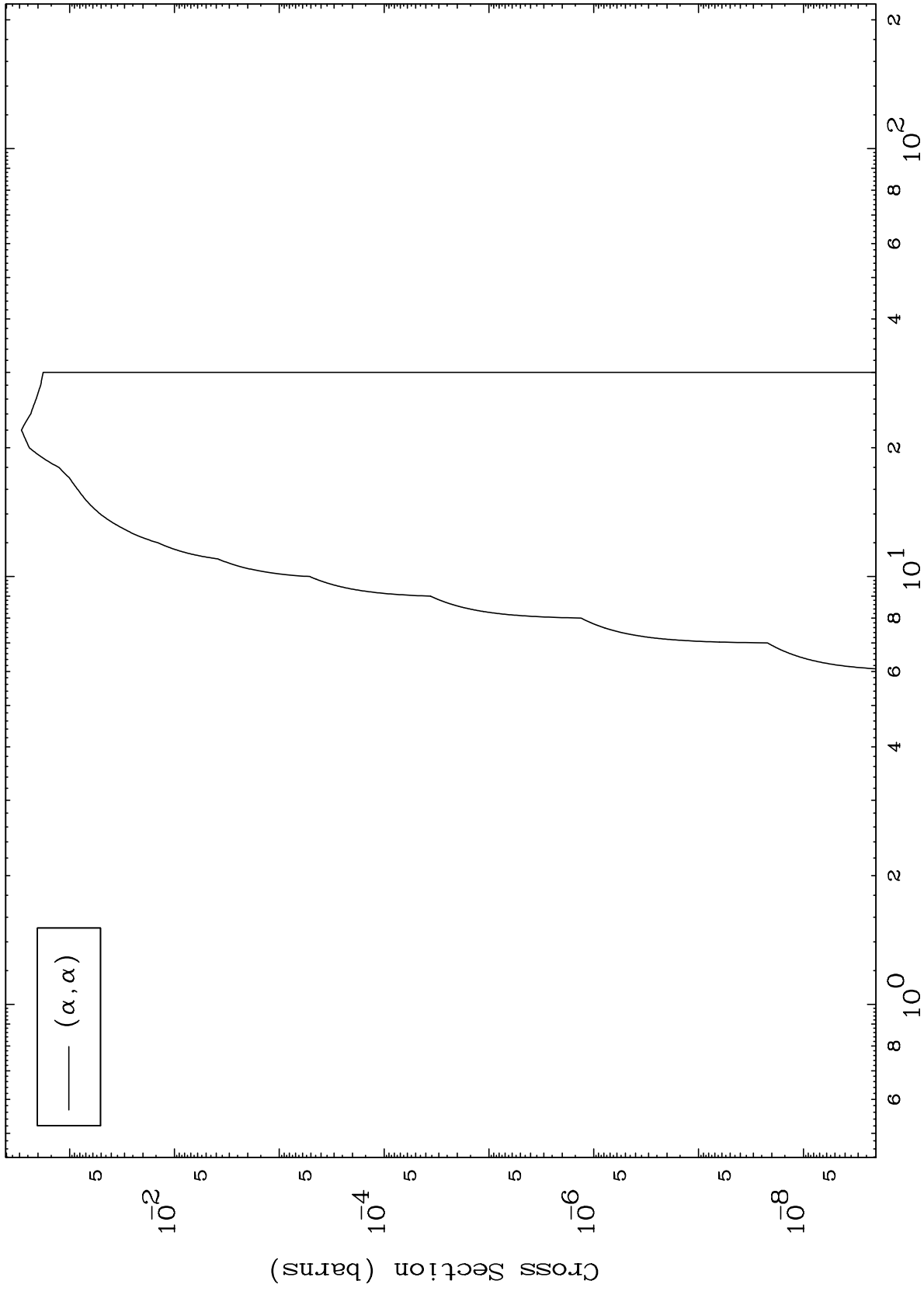




MAT 3625

(α, α) Levels
0 Kelvin Cross Sections

36-Kr-78



10

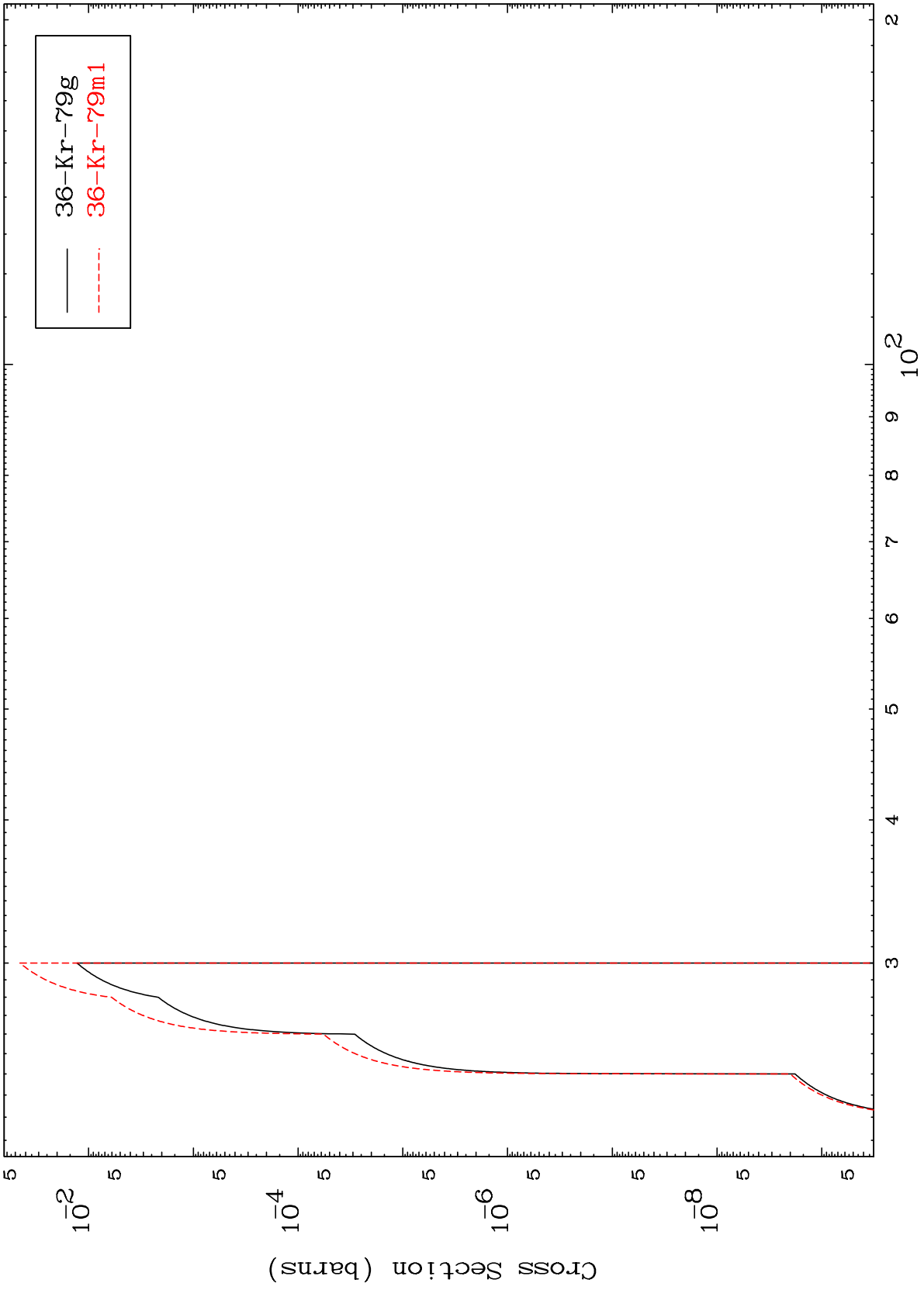
Incident Energy (MeV)

36-Kr-78

MAT 3625

³⁶Kr-78

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



³⁶Kr-78

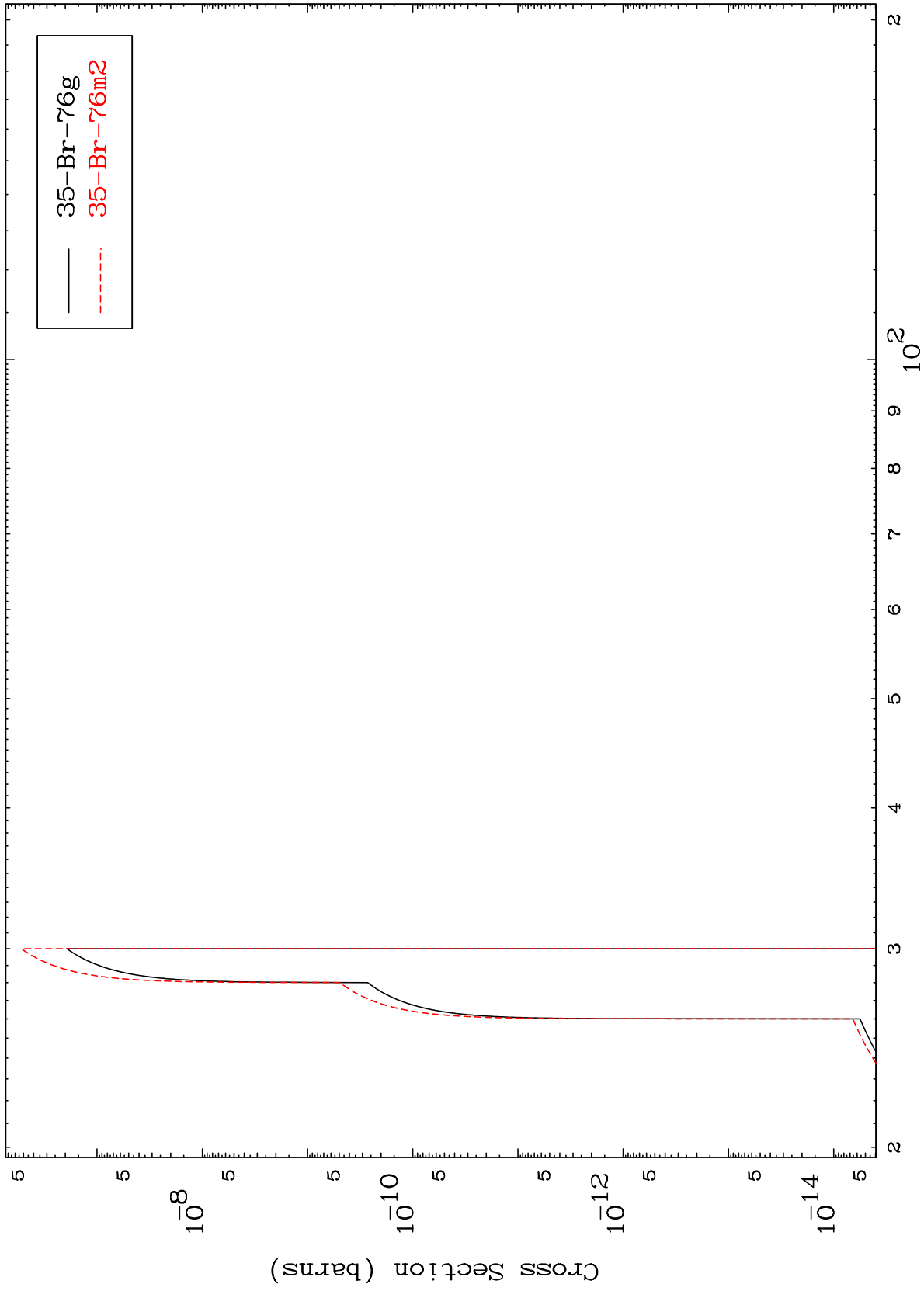
Incident Energy (MeV)

11

MAT 3625

36-Kr-78

(α, n') p α
Radionuclide Production Cross Section



12

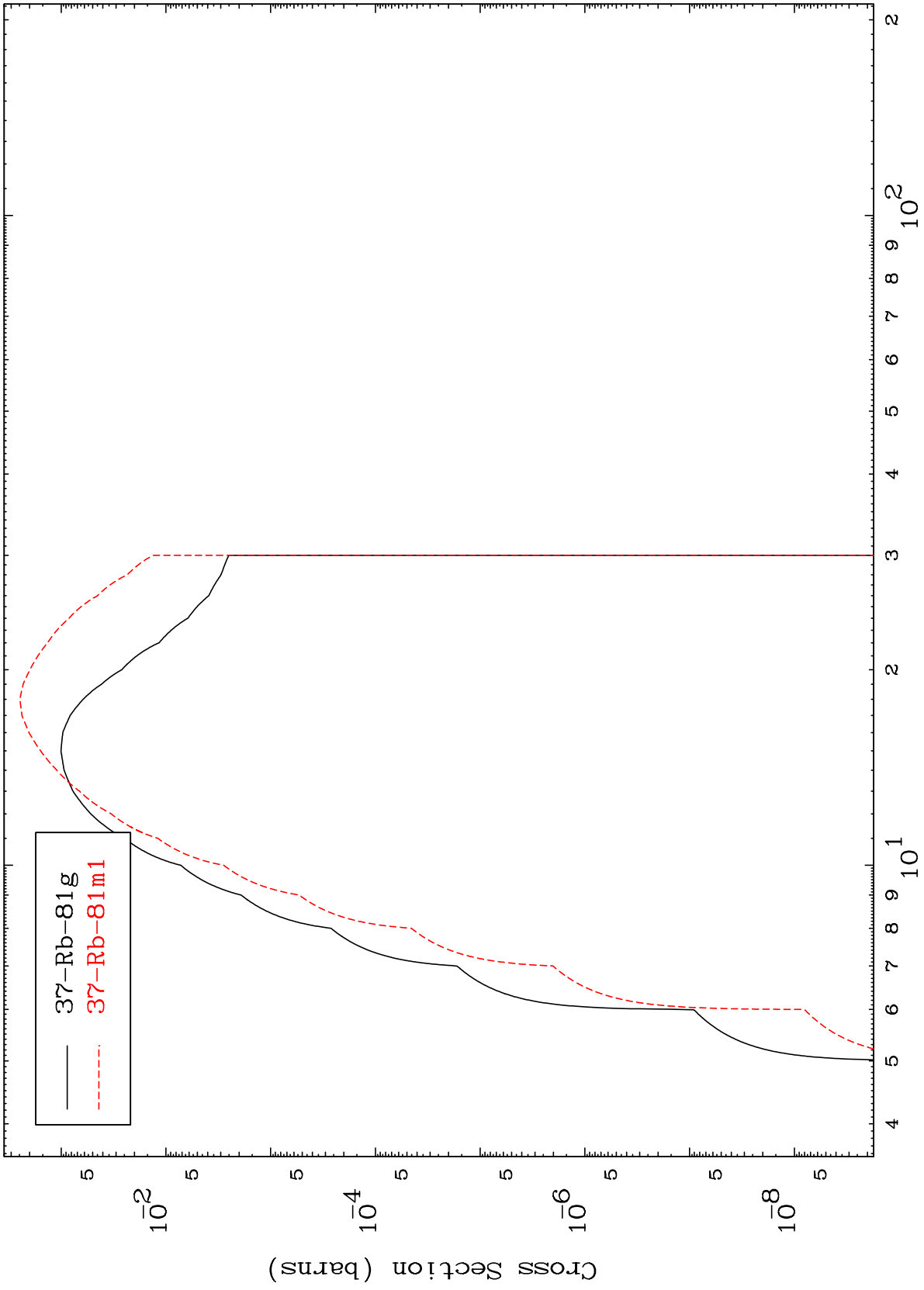
Incident Energy (MeV)

36-Kr-78

MAT 3625

36-Kr-78

(α, p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

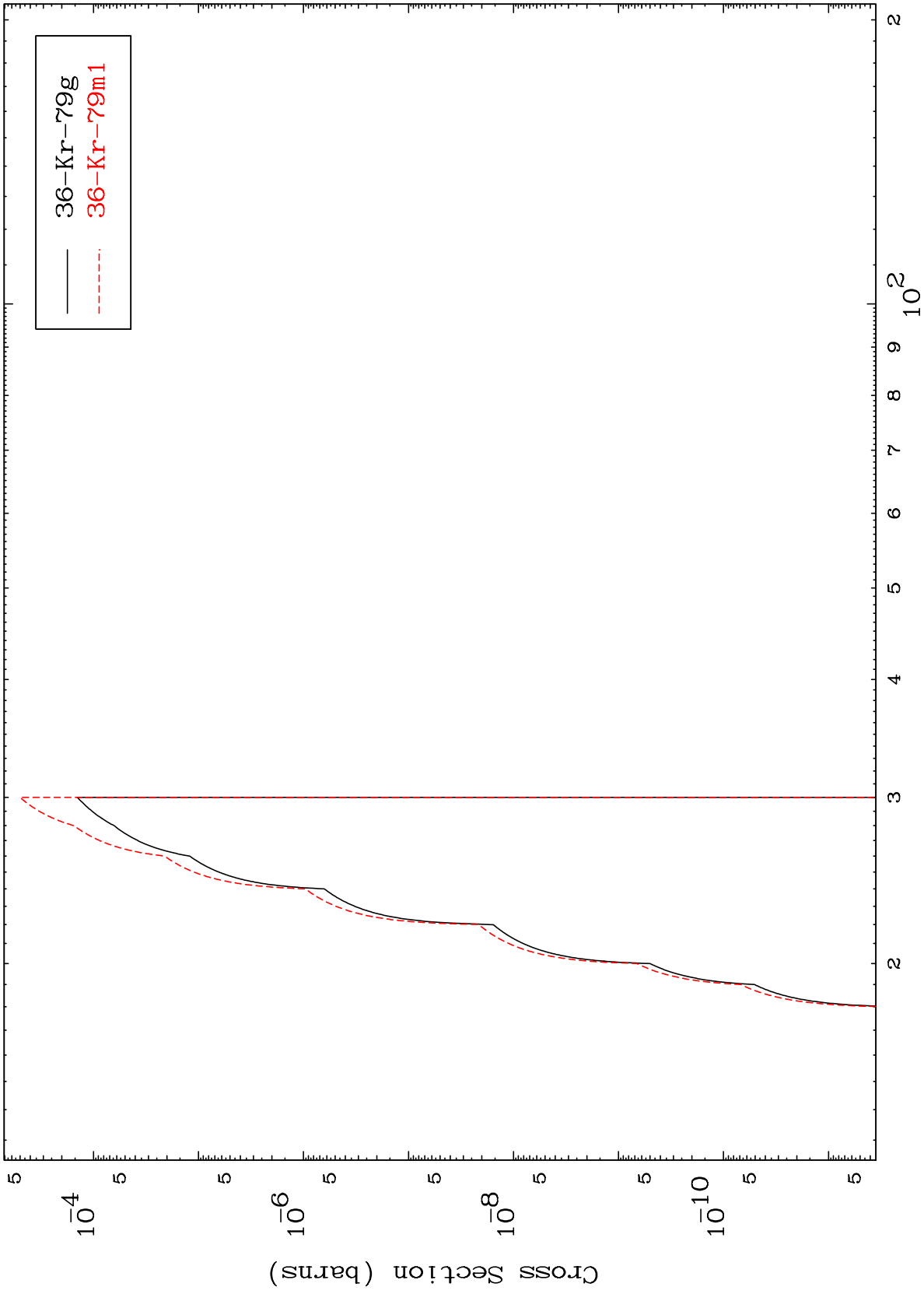
36-Kr-78

MAT 3625

($\alpha, \text{He-3}$)

$^{36}\text{Kr-78}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

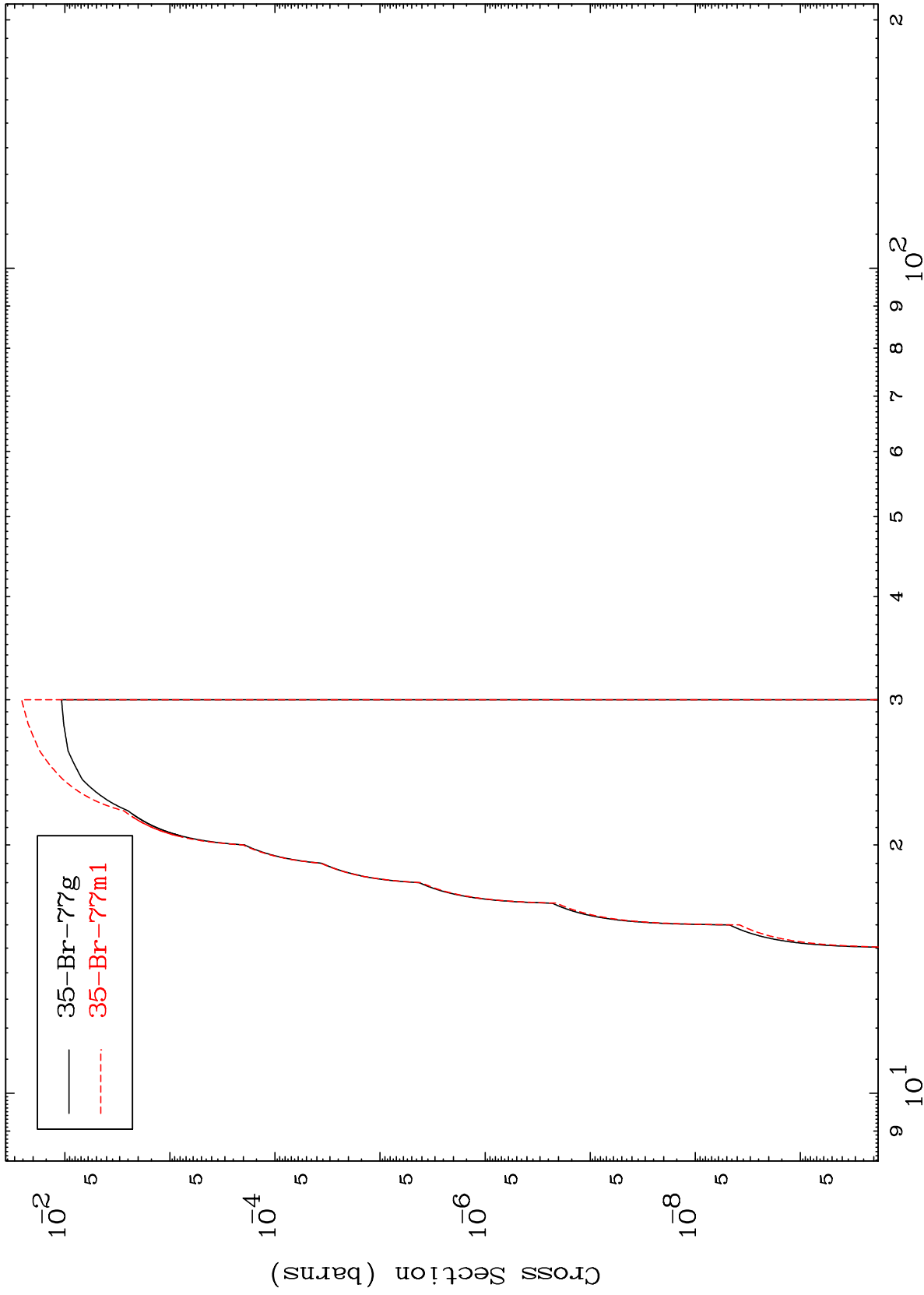
$^{36}\text{Kr-78}$

MAT 3625

(α, p) α

$^{36}\text{Kr-78}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

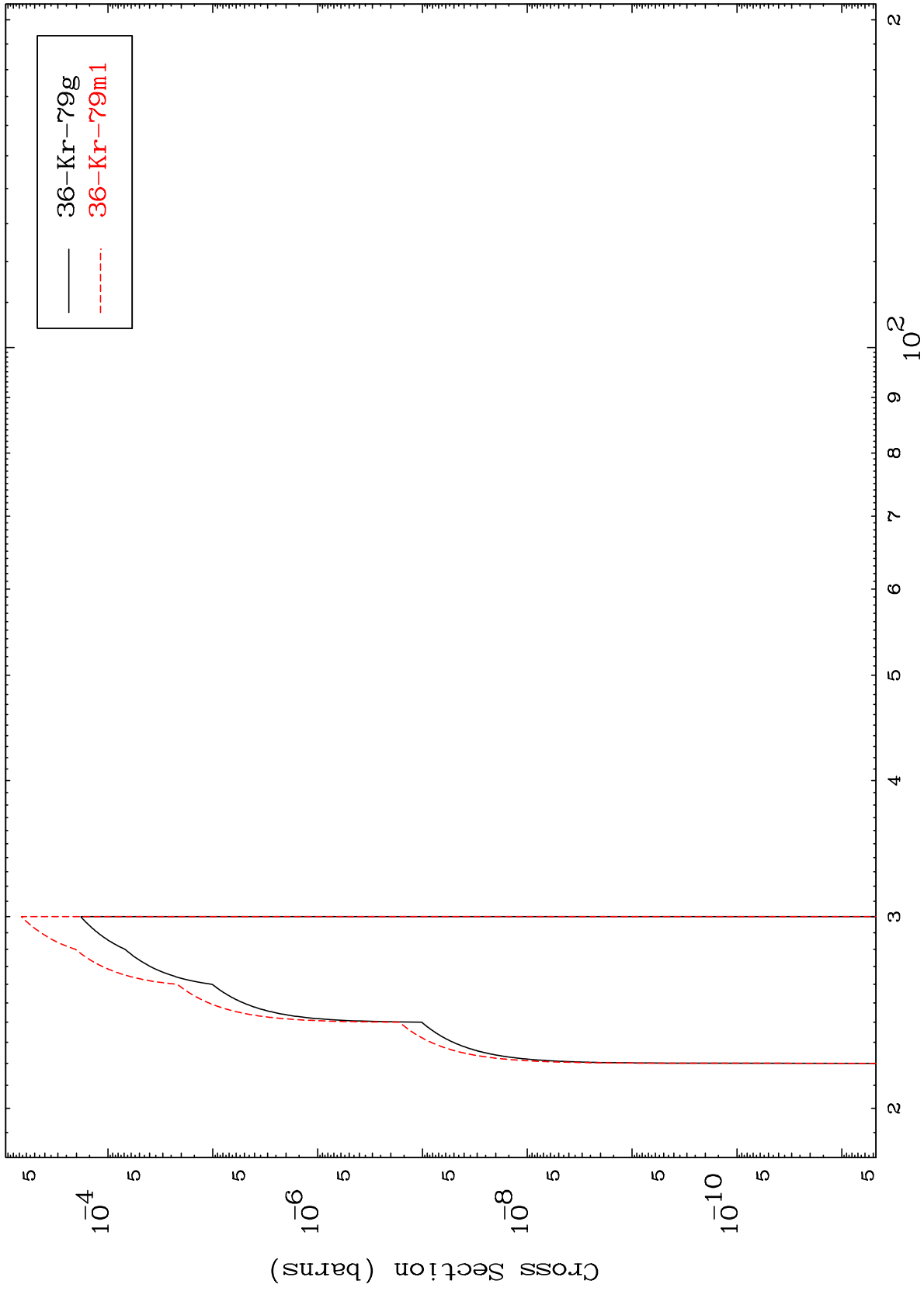
$^{36}\text{Kr-78}$

MAT 3625

(α, p) d

36-Kr-78

Radionuclide Production Cross Section



16

Incident Energy (MeV)

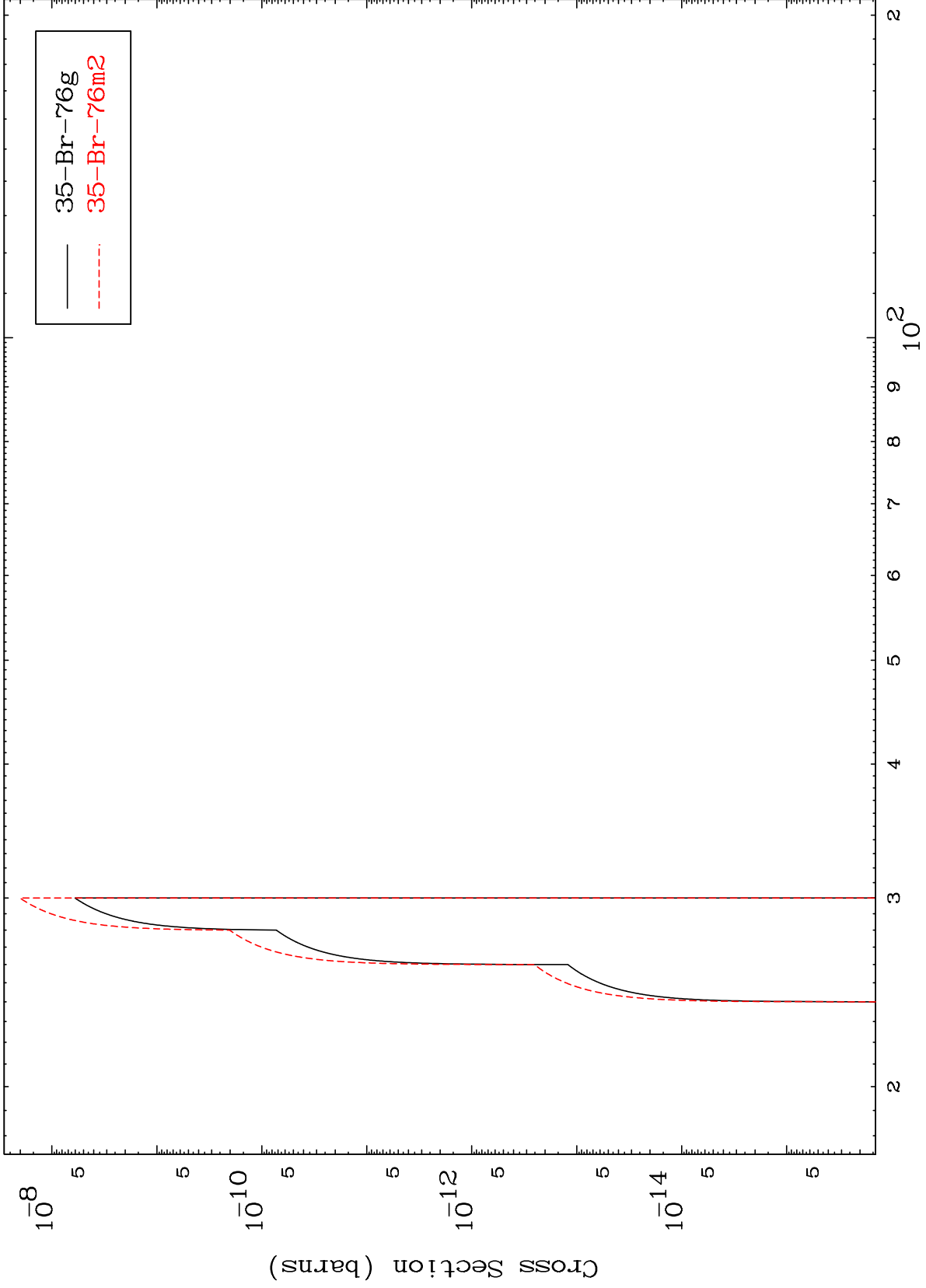
36-Kr-78

MAT 3625

(α, d) α

36-Kr-78

Radionuclide Production Cross Section



17

Incident Energy (MeV)

36-Kr-78