

Program EVALPLOT
(Version 2018-1)

by

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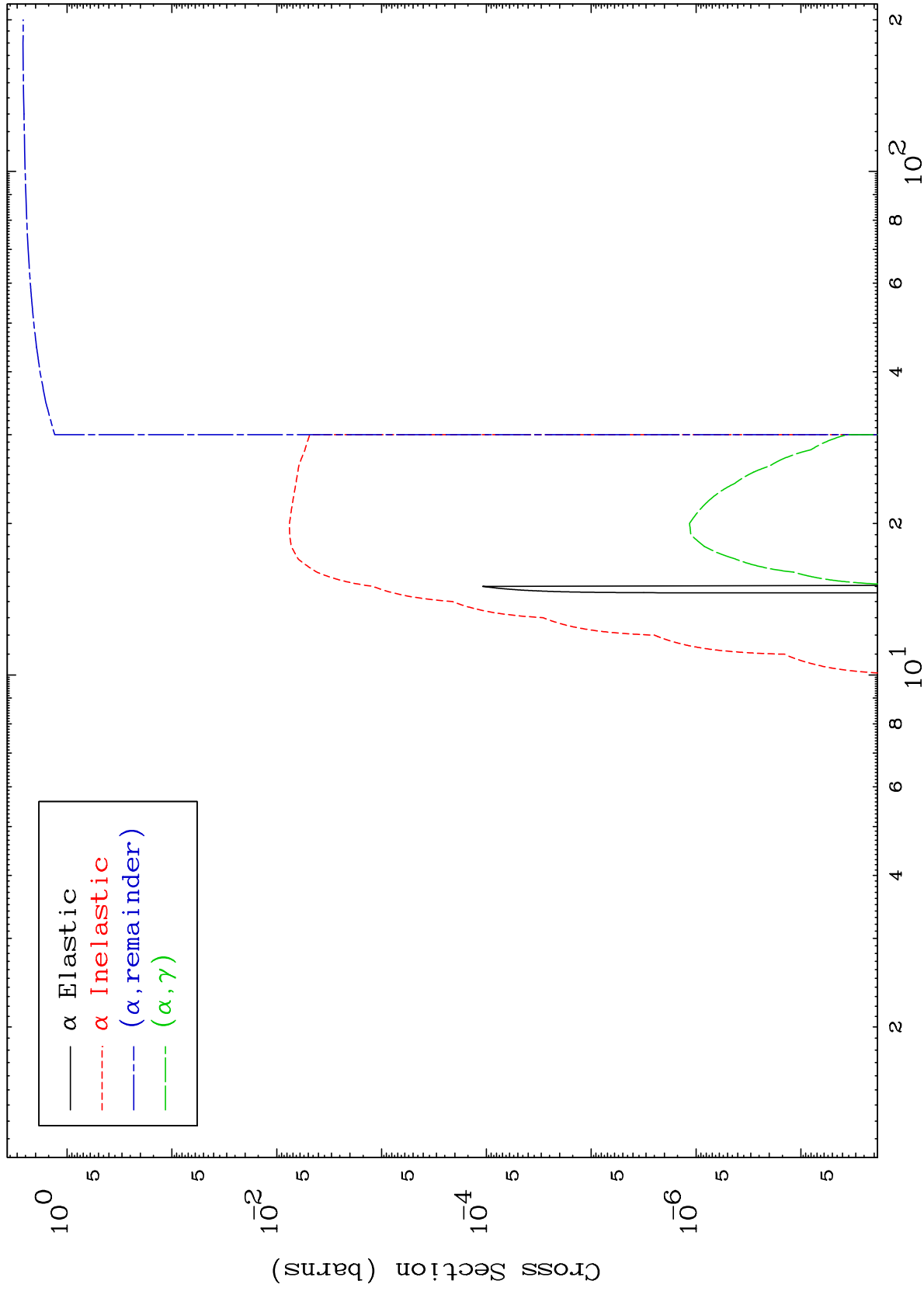
Press Mouse Button to Start

MAT 7052

α Major

0 Kelvin Cross Sections

^{70}Yb -177



1

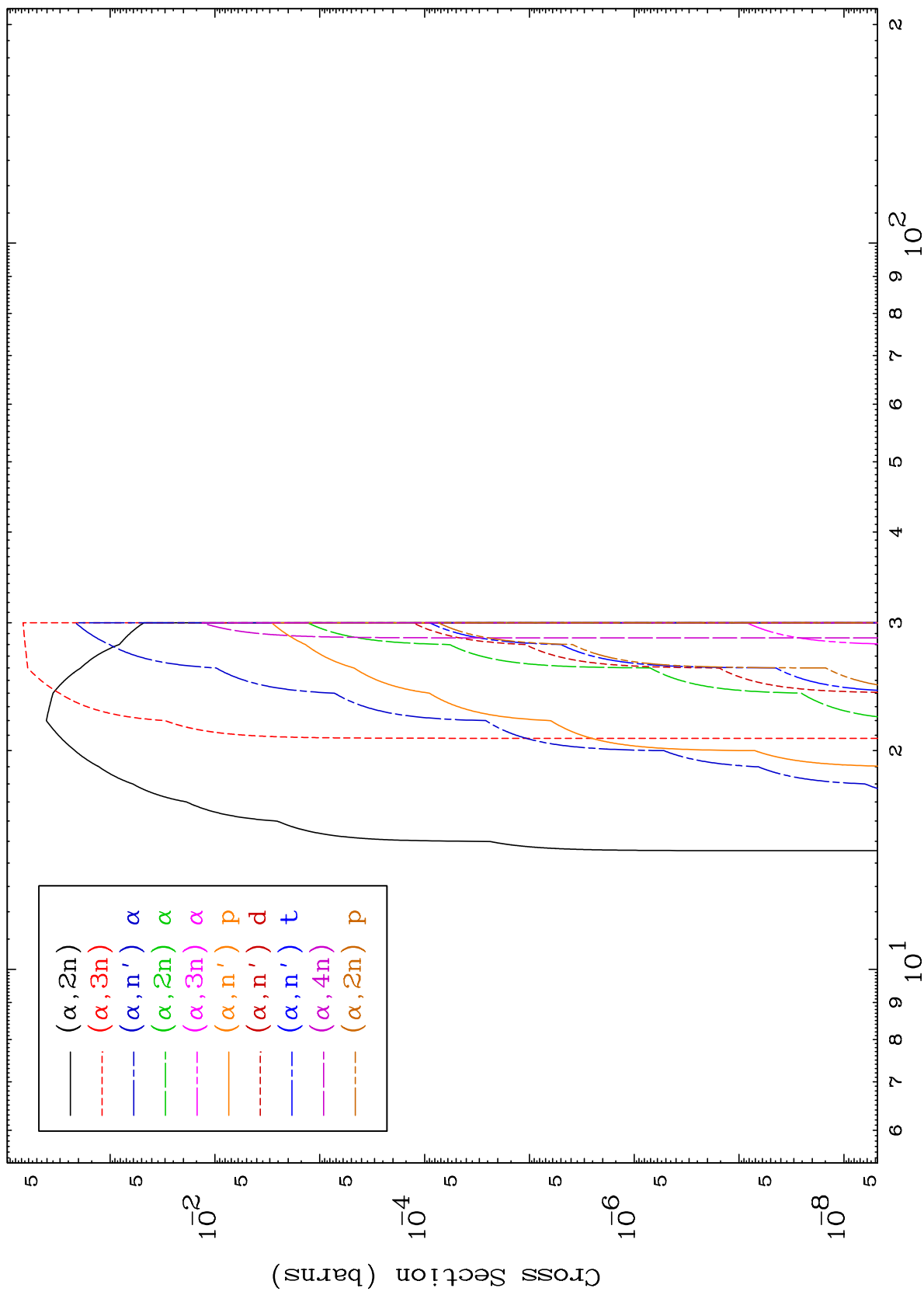
Incident Energy (MeV)

^{70}Yb -177

MAT 7052

α Neutron Production
0 Kelvin Cross Sections

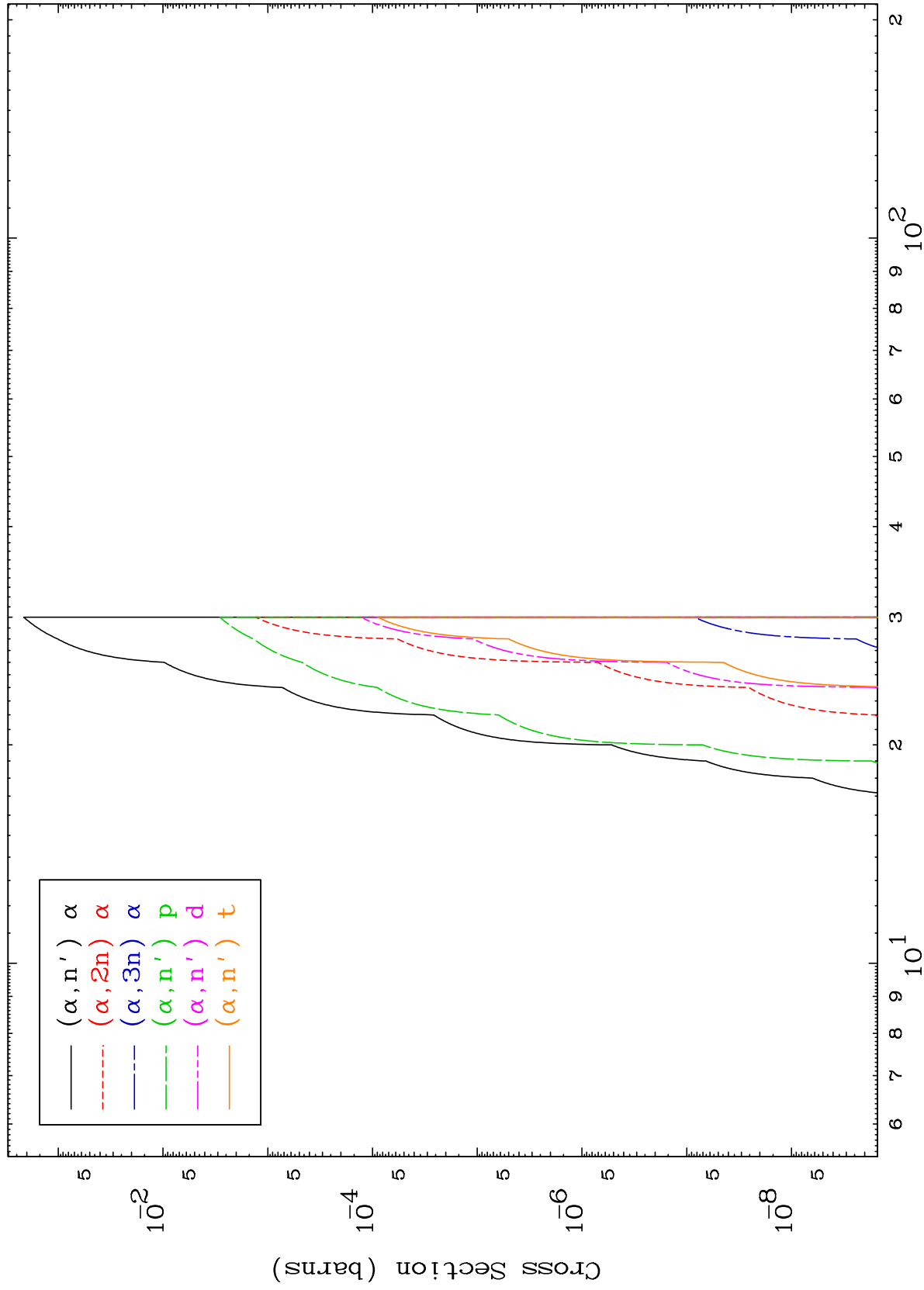
70-Yb-177



2

Incident Energy (MeV)

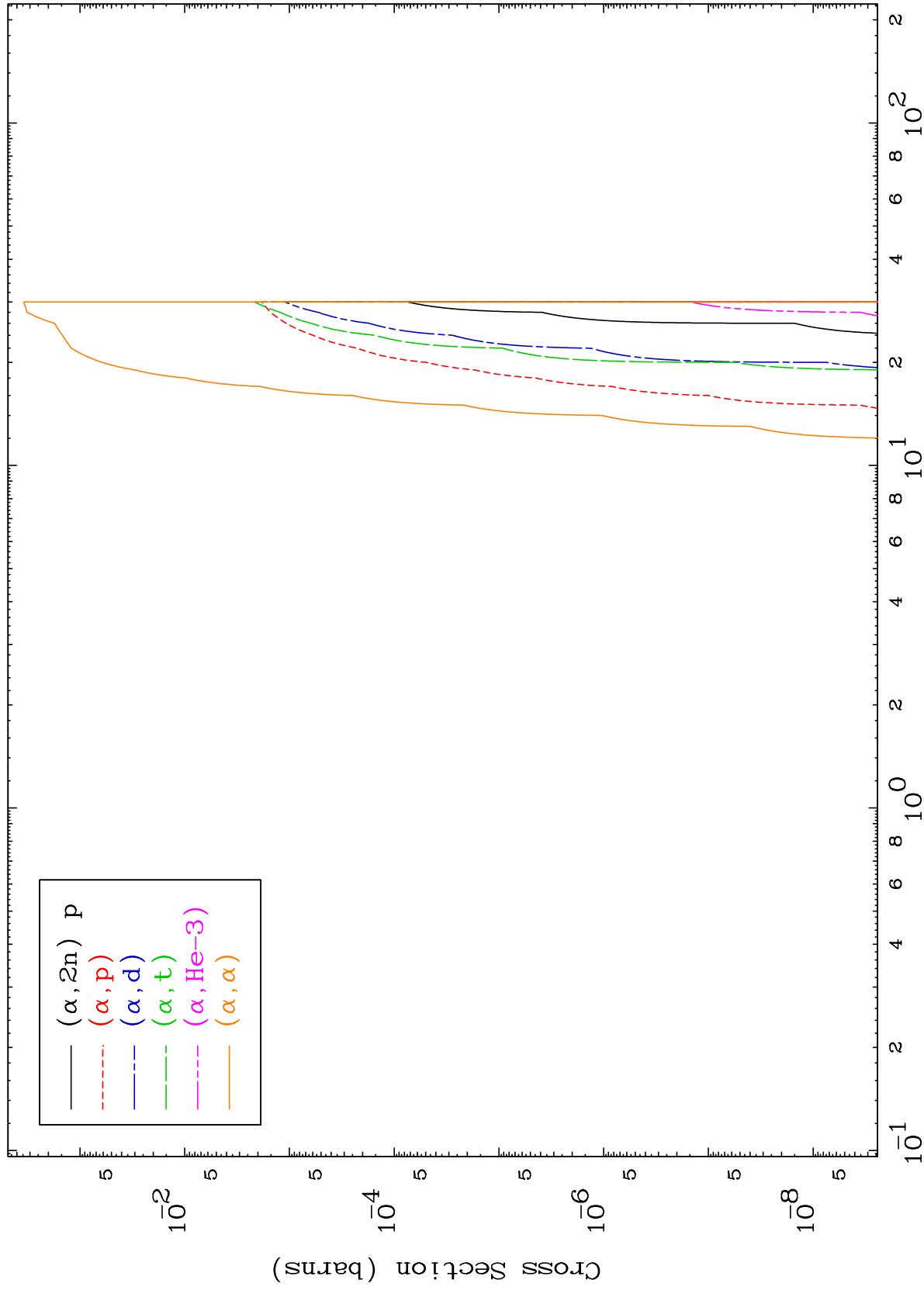
70-Yb-177



MAT 7052

α Charged Particle
0 Kelvin Cross Sections

70-Yb-177

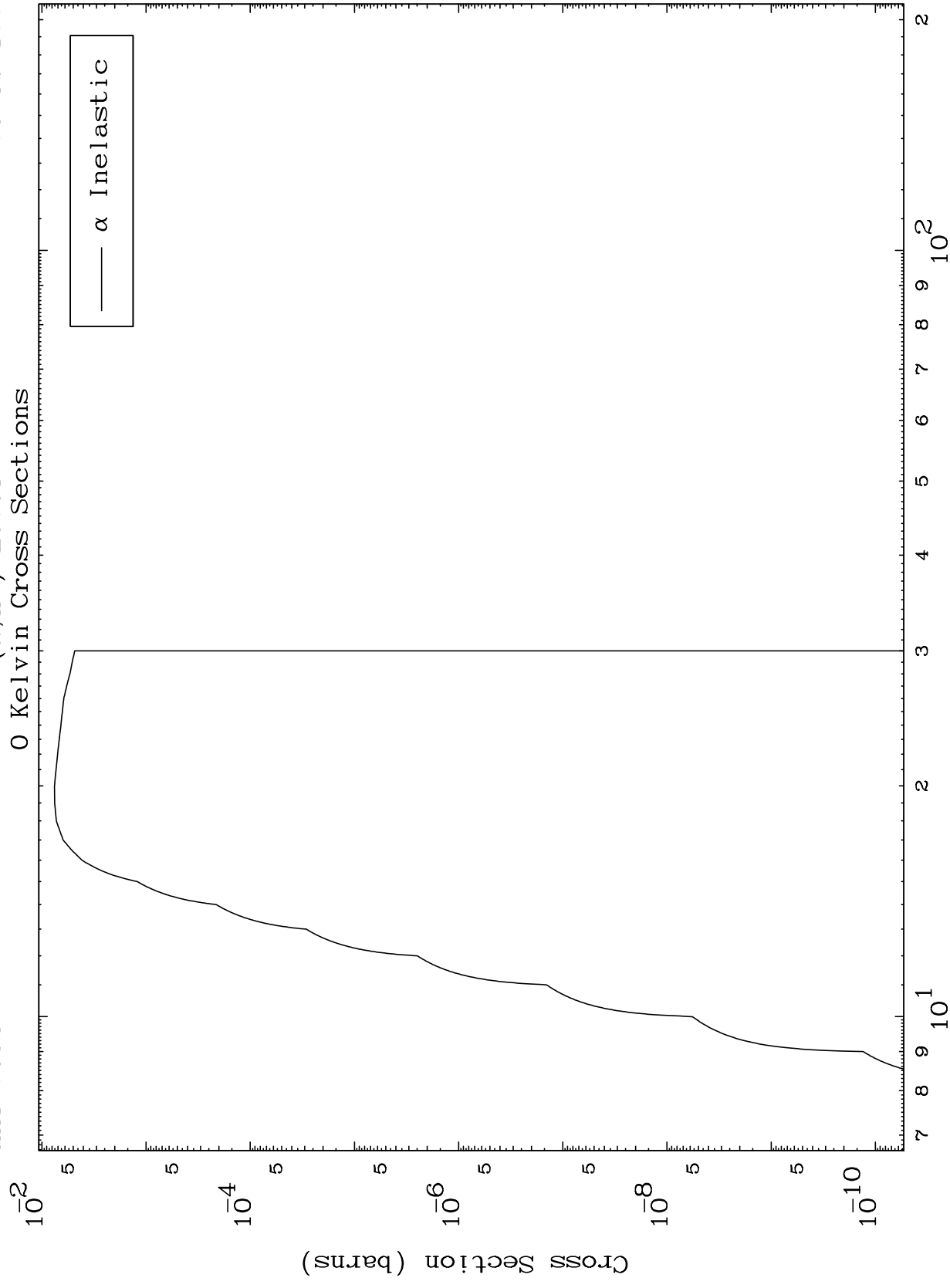


MAT 7052

 (α, n') Level

70-Yb-177

0 Kelvin Cross Sections



5

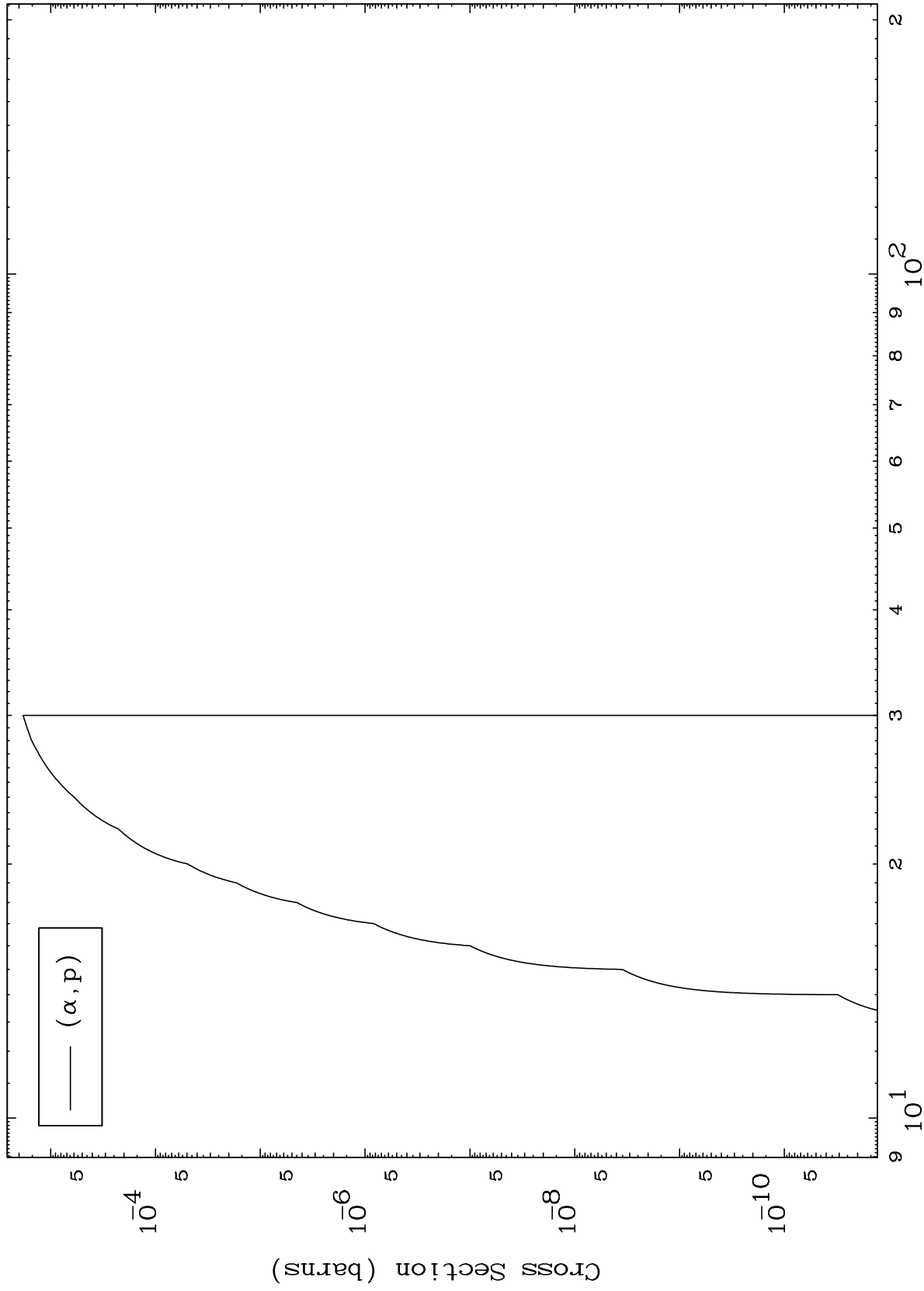
Incident Energy (MeV)

70-Yb-177

MAT 7052

(α ,p) Levels
0 Kelvin Cross Sections

70-Yb-177



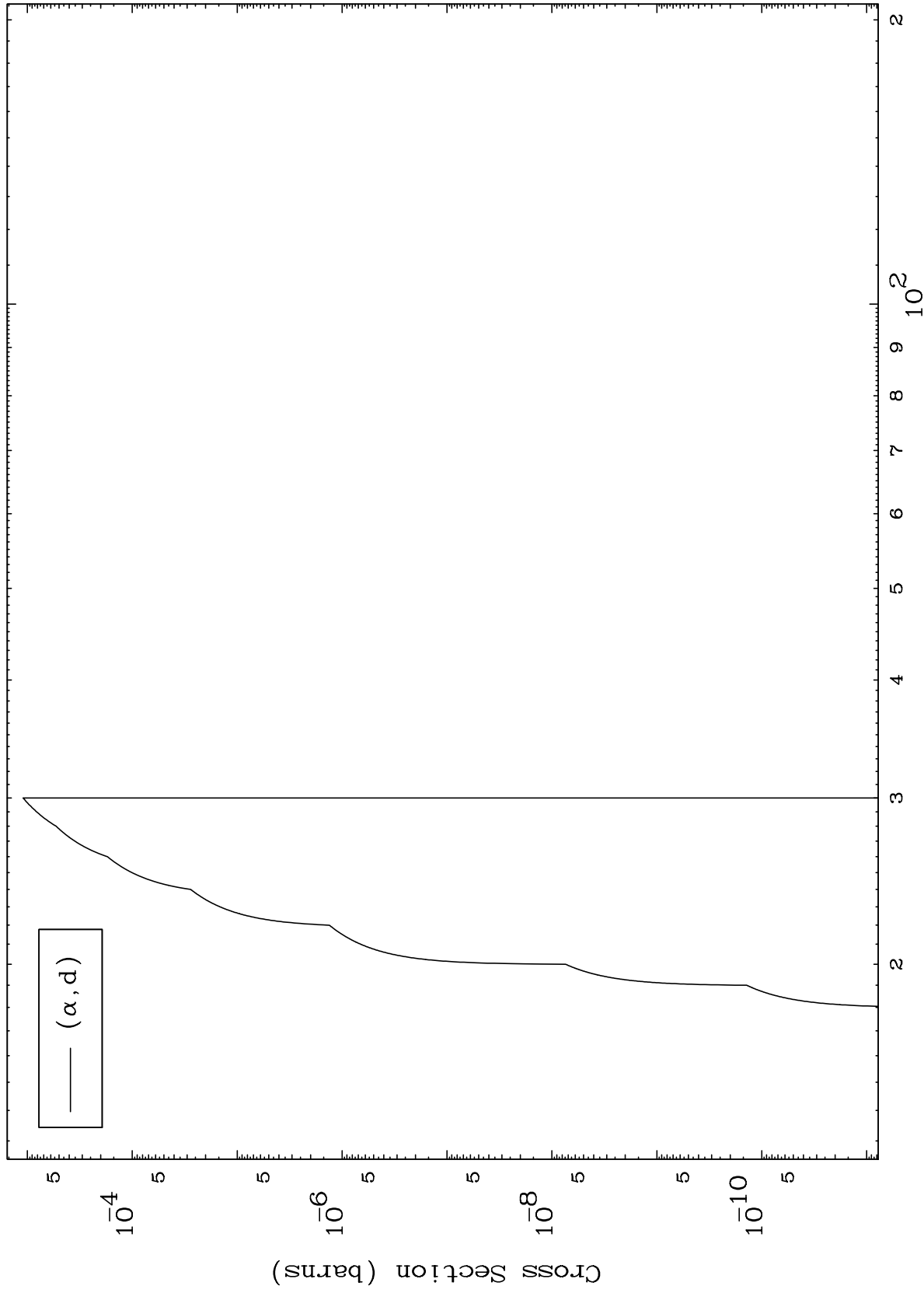
Incident Energy (MeV)

70-Yb-177

MAT 7052

(α ,d) Levels
0 Kelvin Cross Sections

70-Yb-177



7

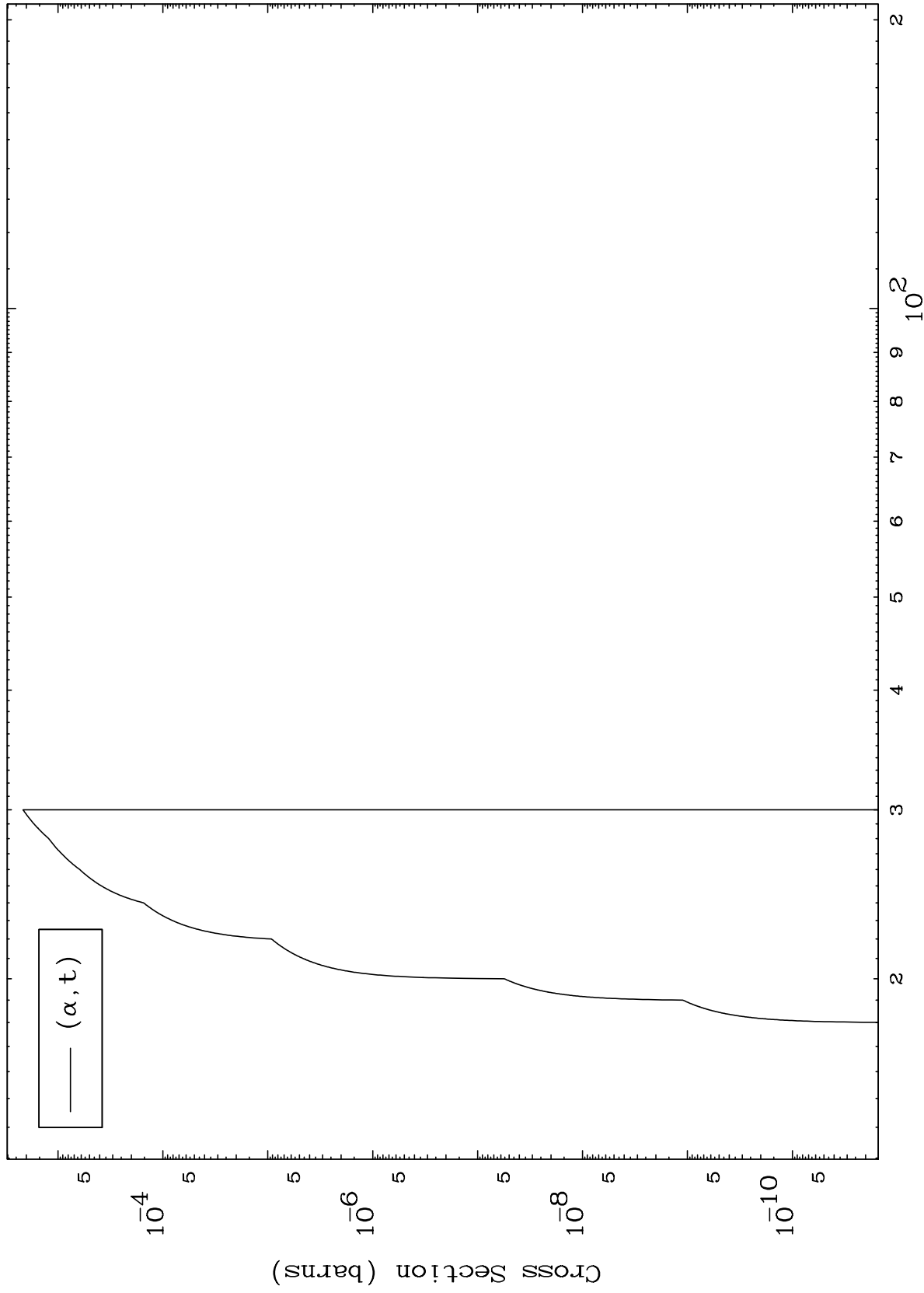
Incident Energy (MeV)

70-Yb-177

MAT 7052

(α ,t) Levels
0 Kelvin Cross Sections

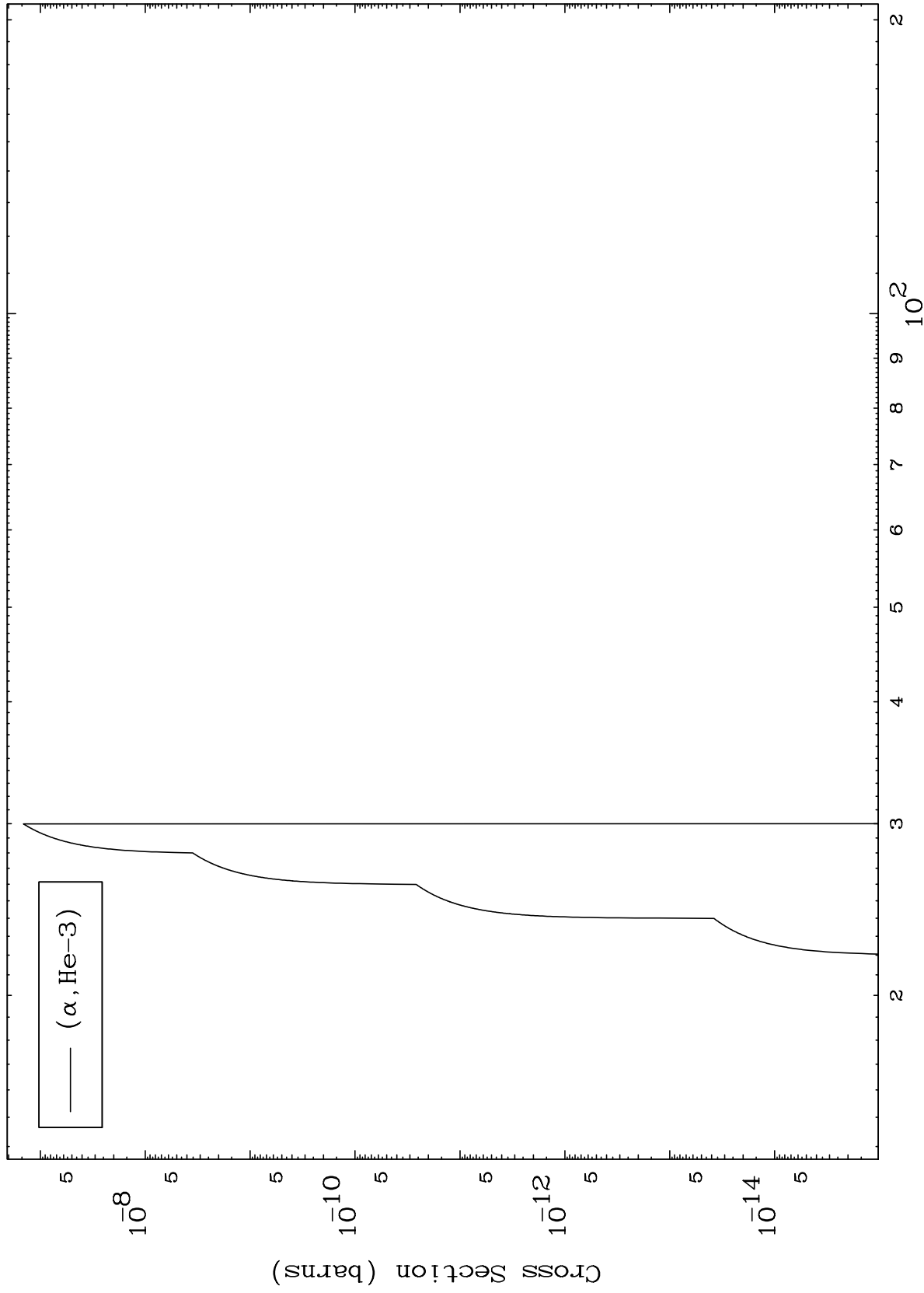
70-Yb-177



8

Incident Energy (MeV)

70-Yb-177

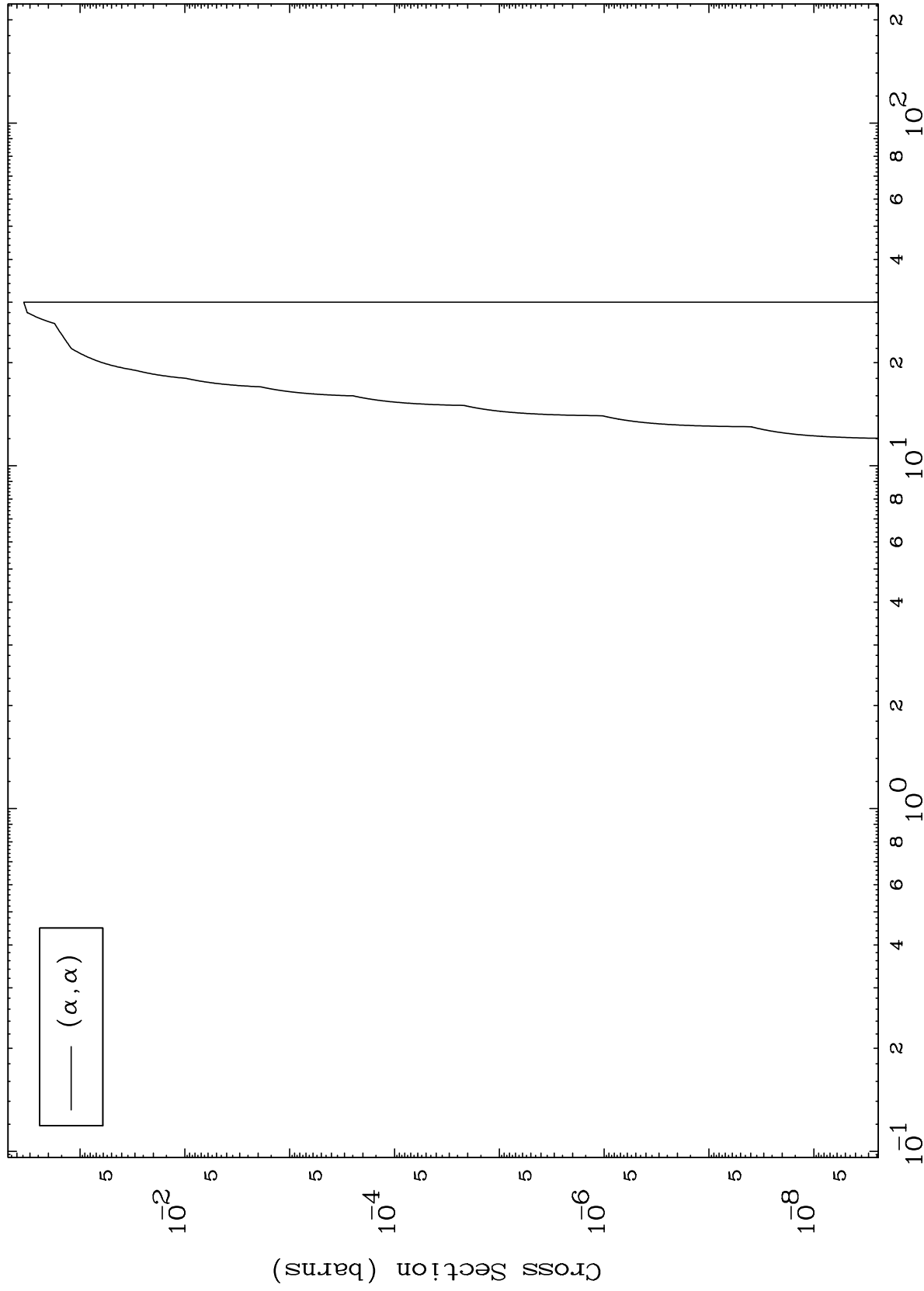


MAT 7052

(α, α) Levels

70-Yb-177

0 Kelvin Cross Sections

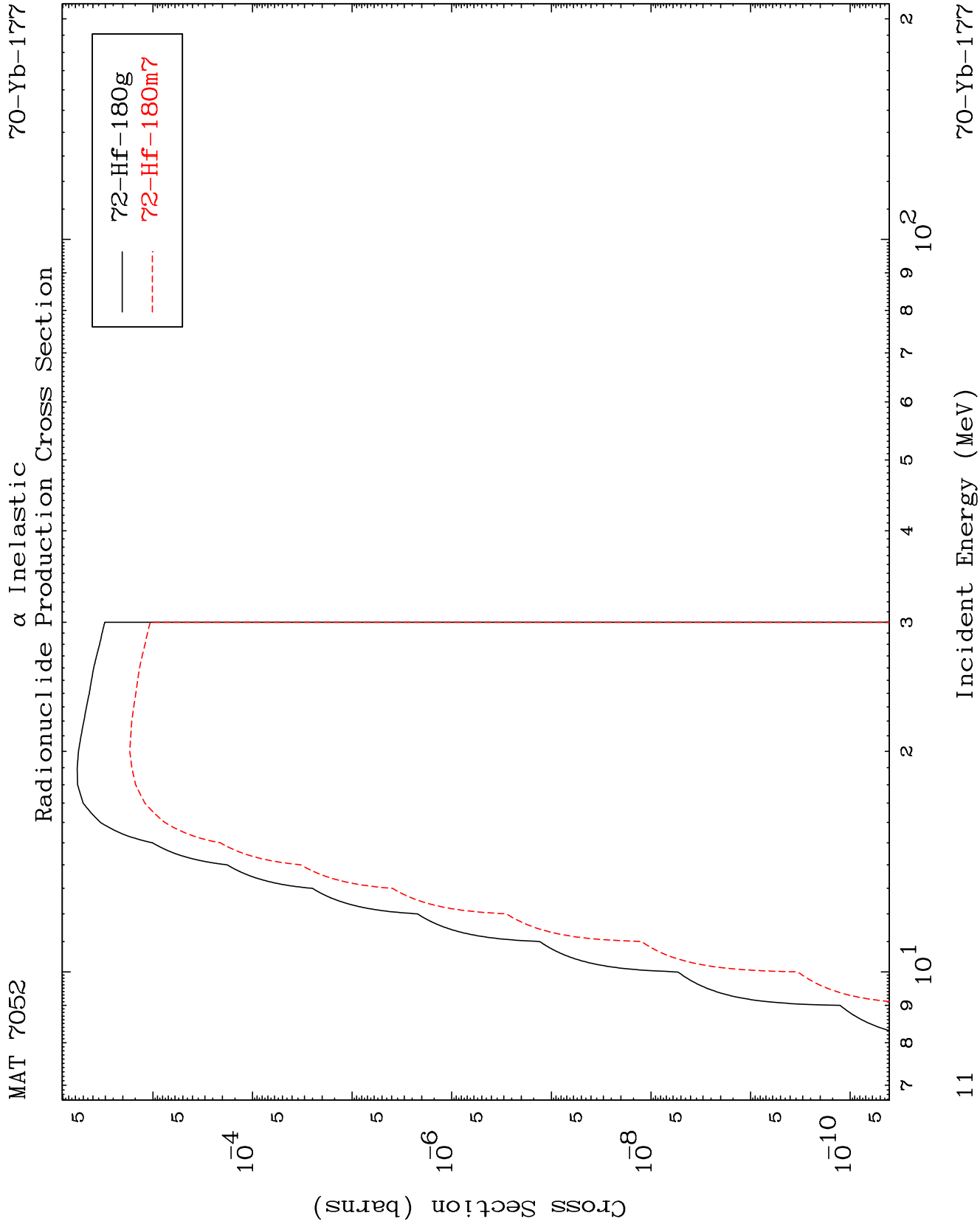


Incident Energy (MeV)

70-Yb-177

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70-Yb-177

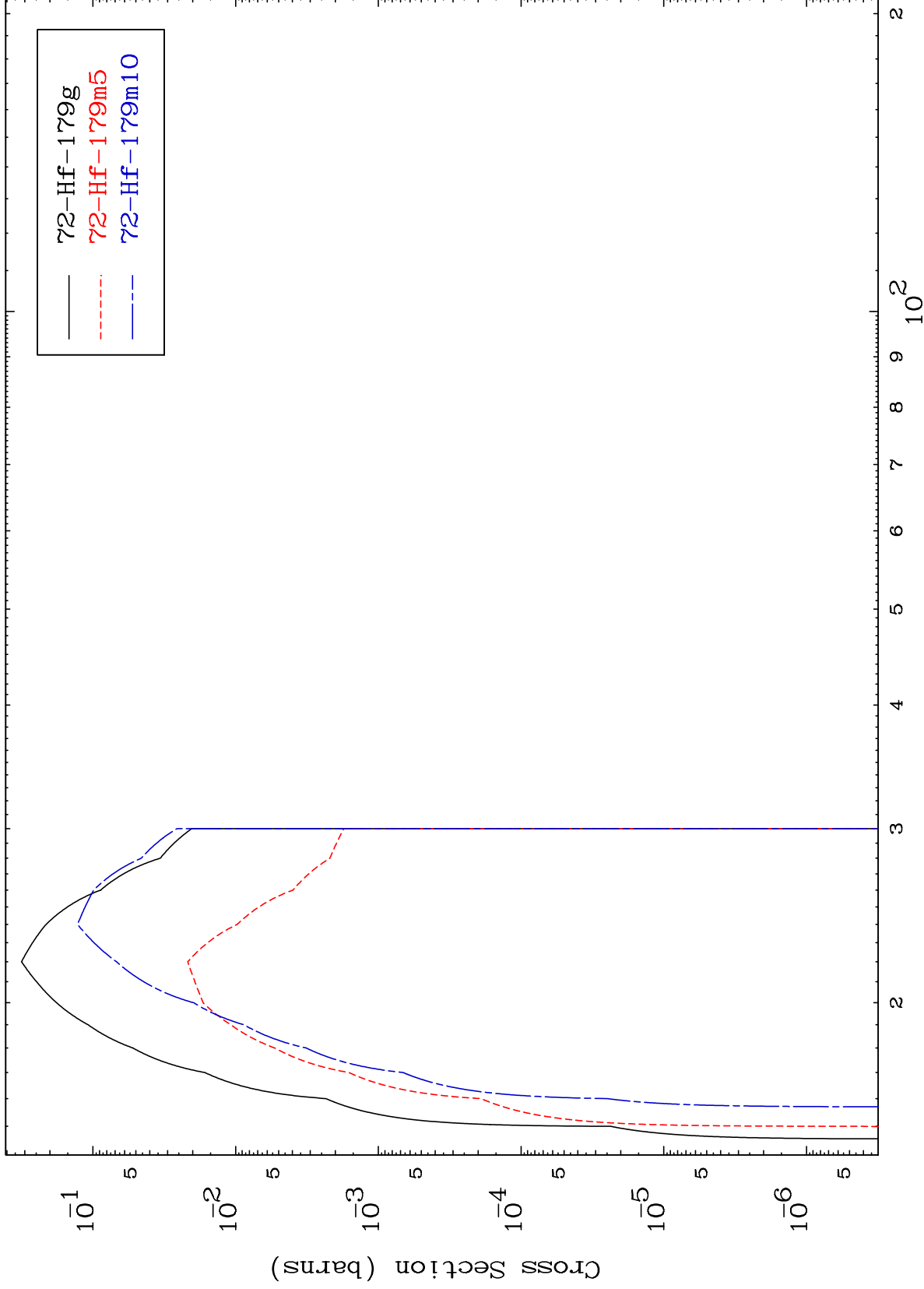


11

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

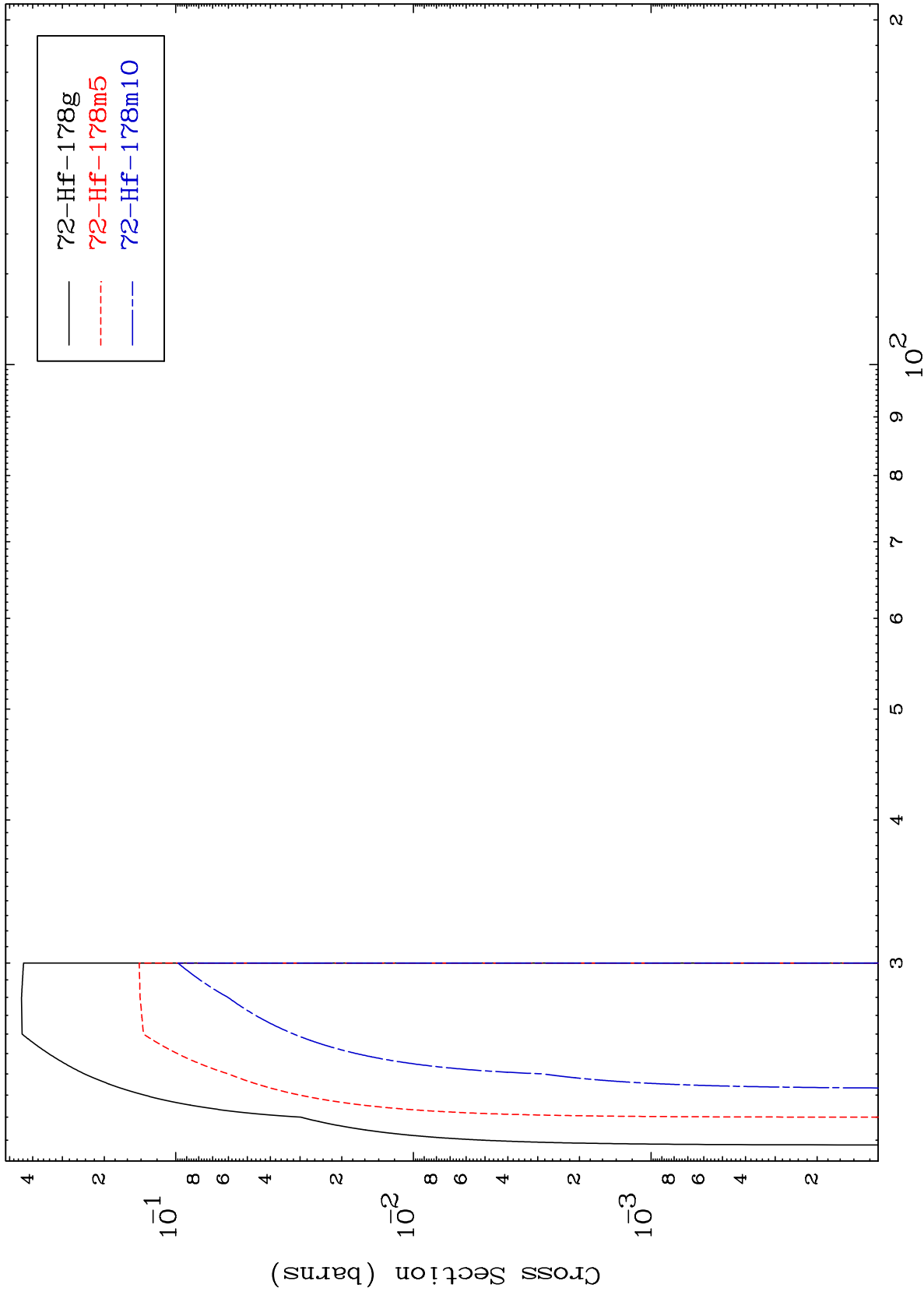
$^{70}\text{Yb}-177$



12

Incident Energy (MeV)

$^{70}\text{Yb}-177$

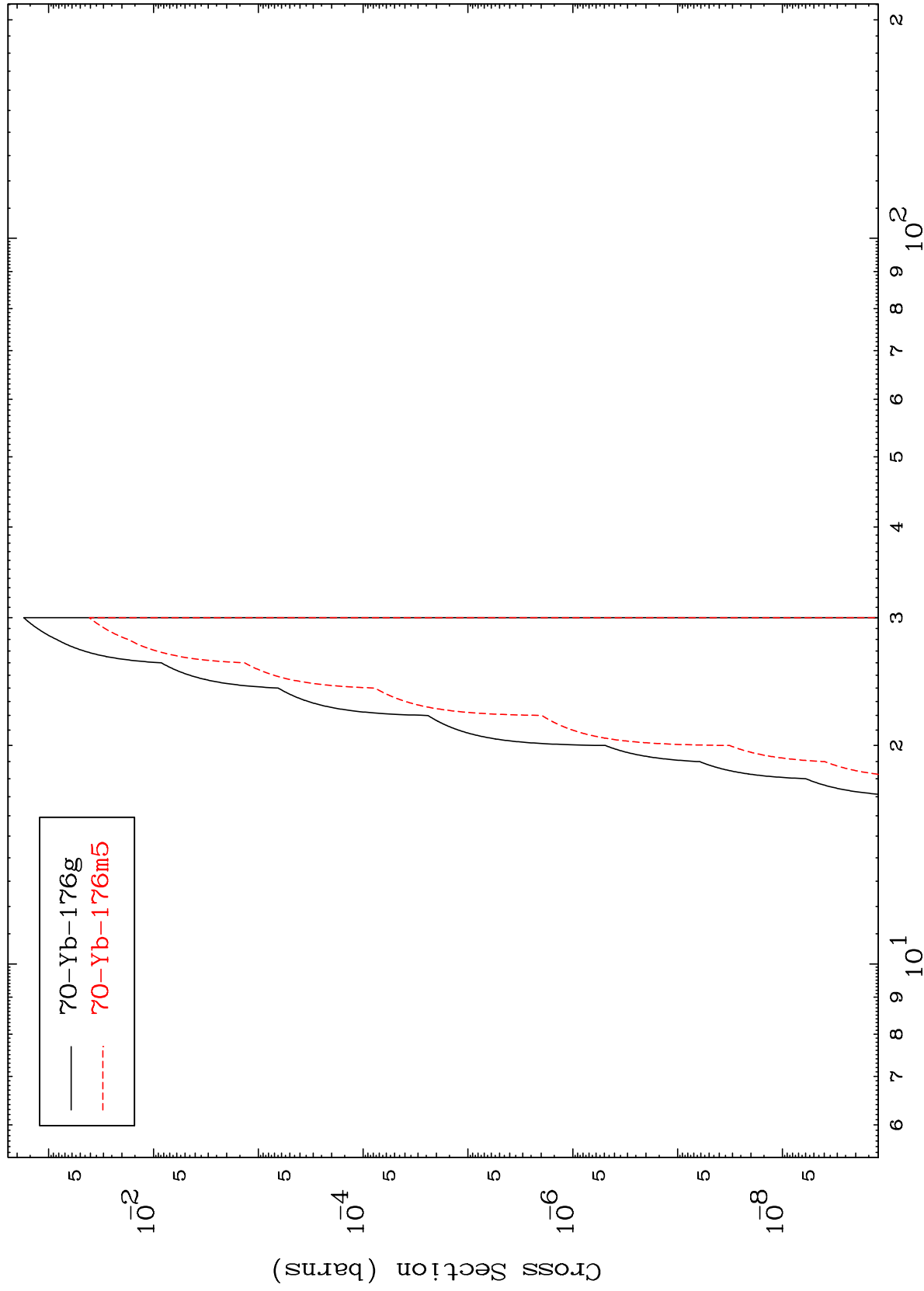


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(α, n') α

$^{70}\text{Yb}-^{177}$

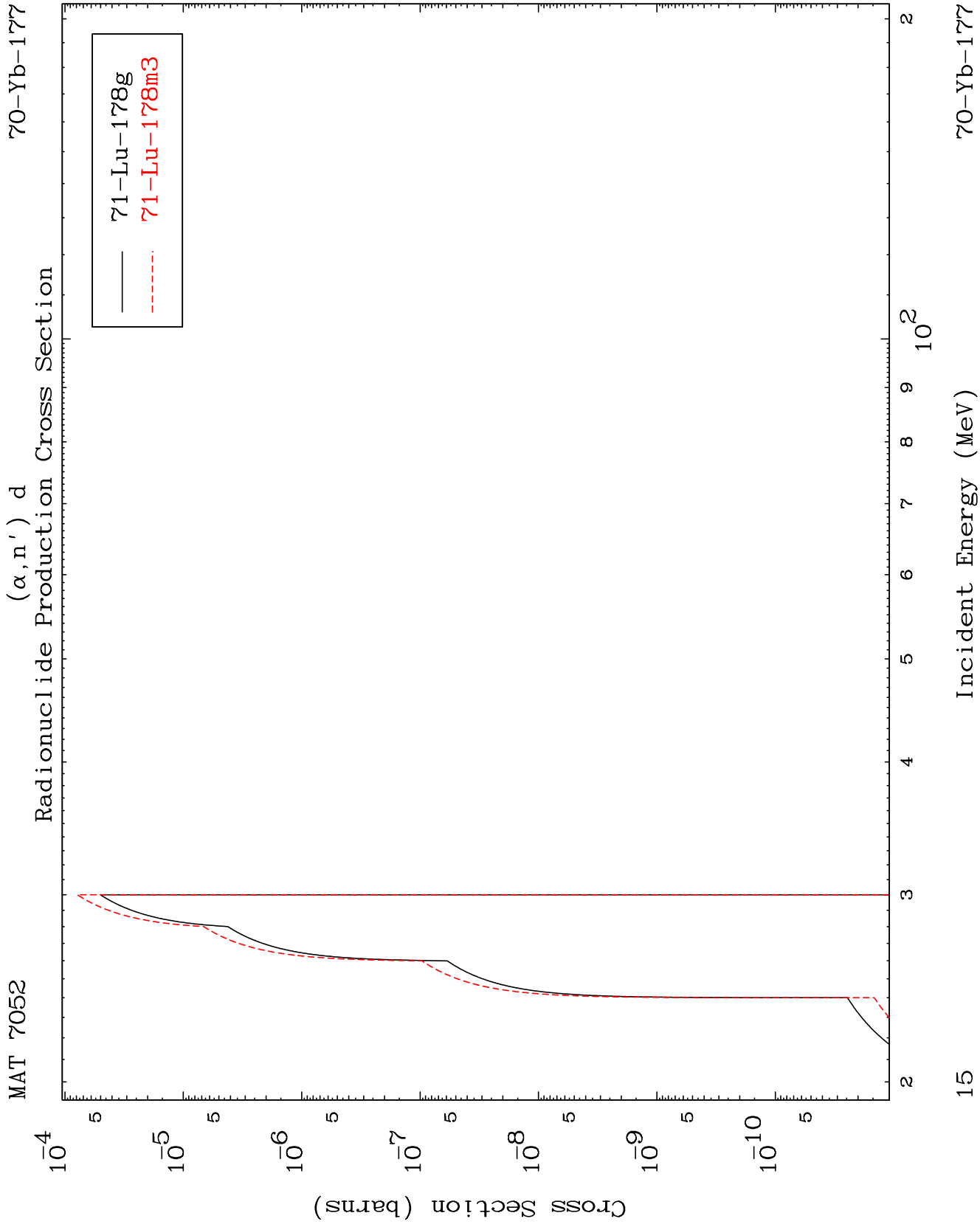
Radionuclide Production Cross Section

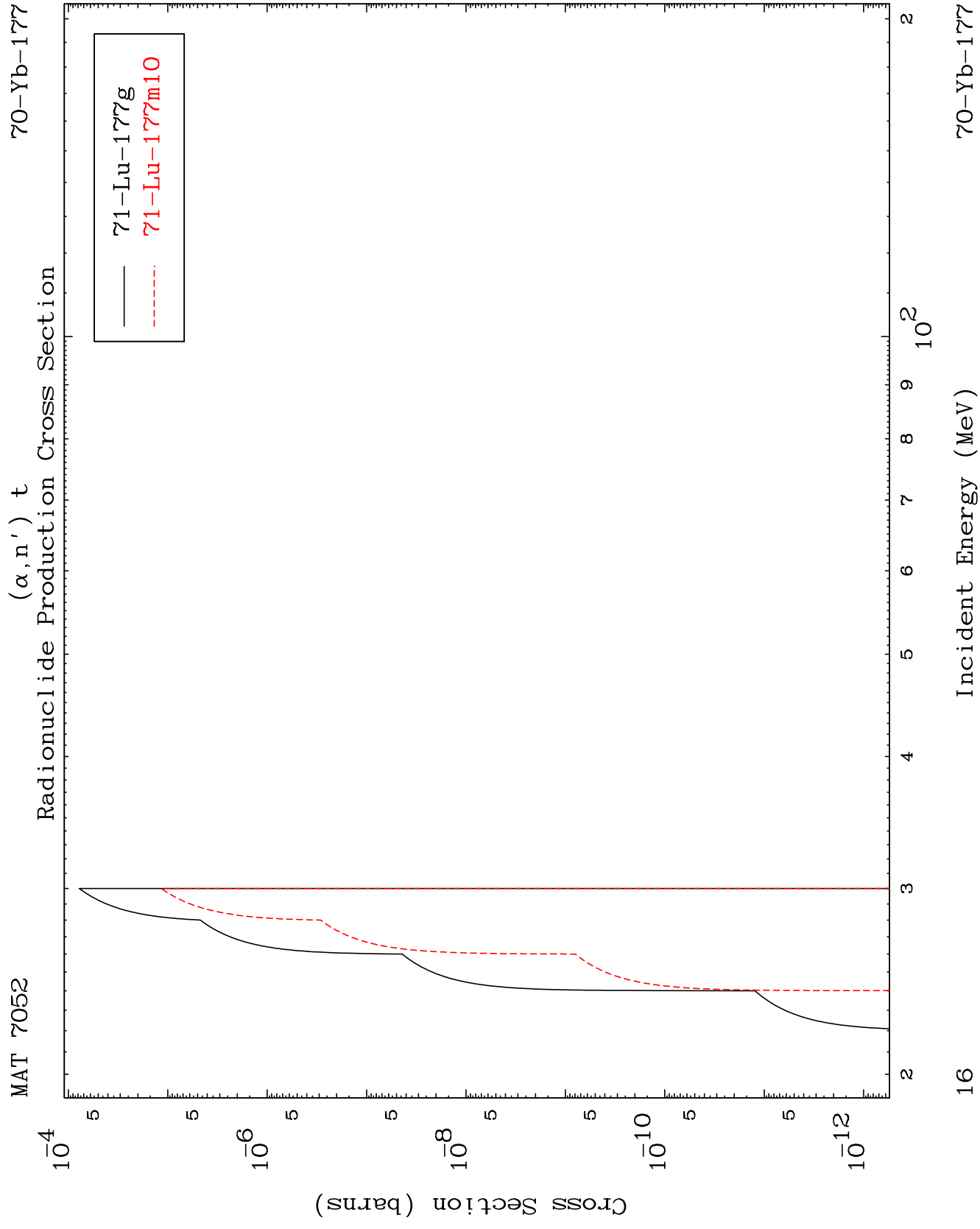


14

Incident Energy (MeV)

$^{70}\text{Yb}-^{177}$

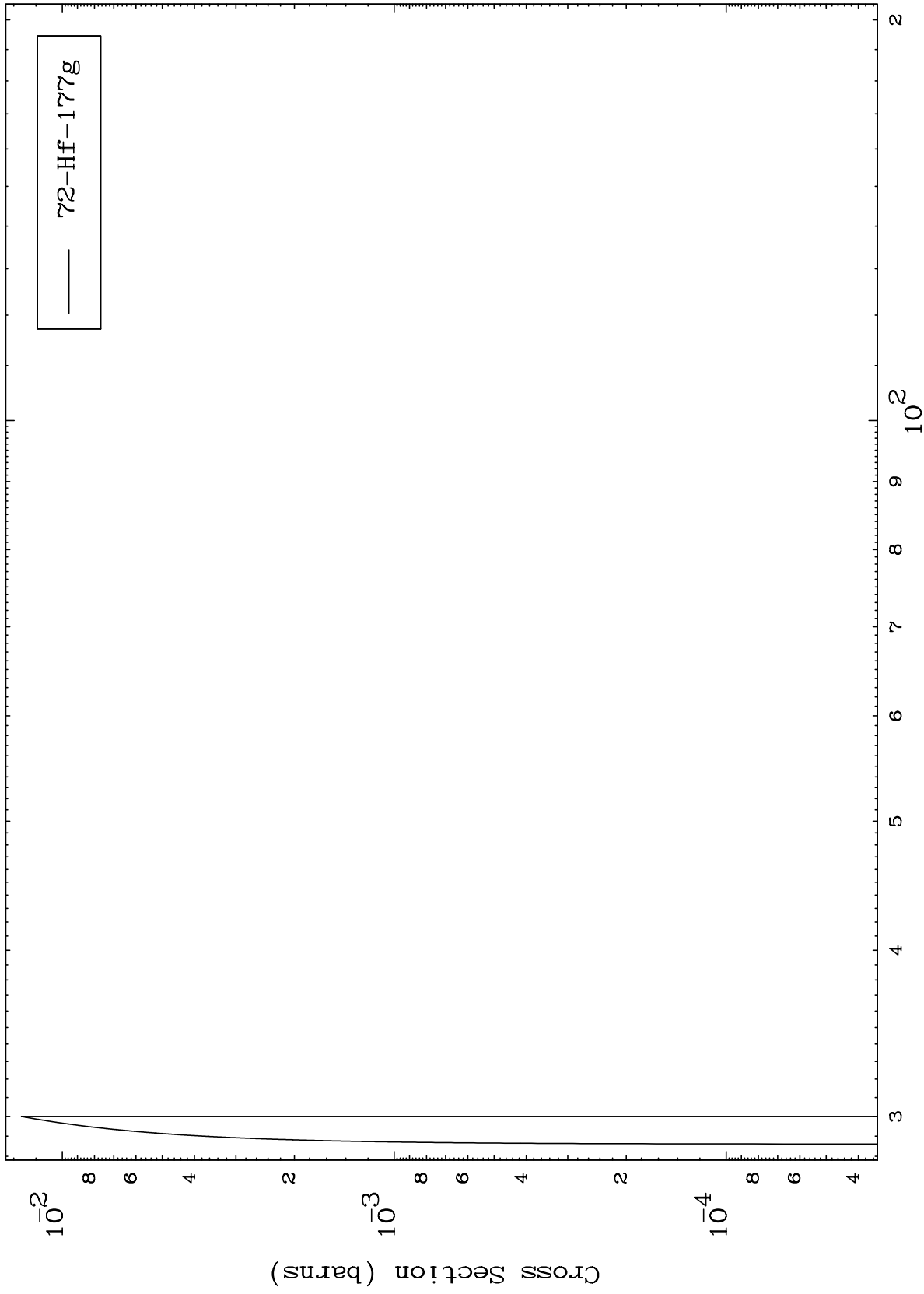




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70-Yb-177

$(\alpha, 4n)$
Radionuclide Production Cross Section



17

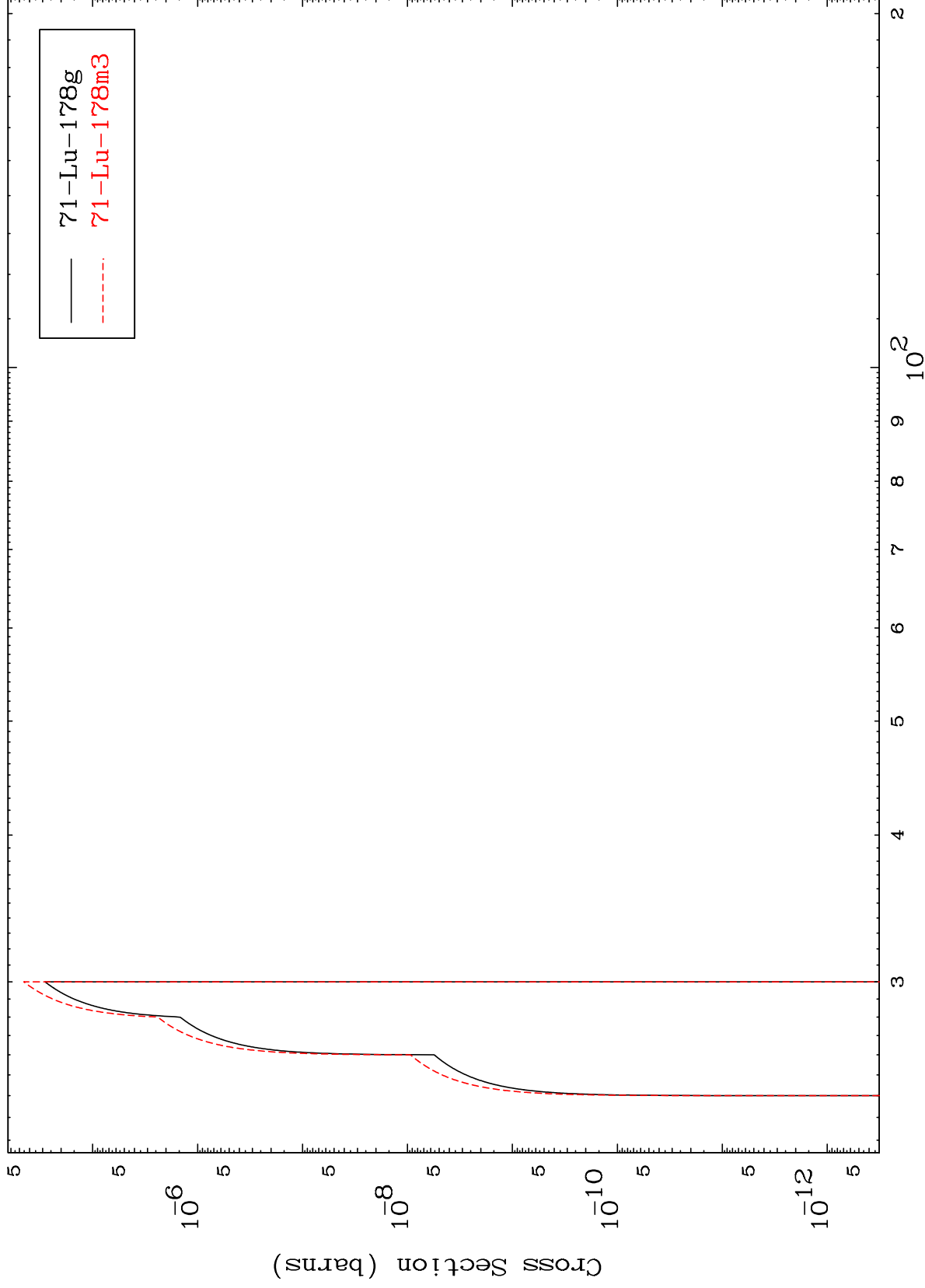
70-Yb-177

MAT 7052

$(\alpha, 2n)$ p

$^{70}\text{Yb}-^{177}$

Radionuclide Production Cross Section

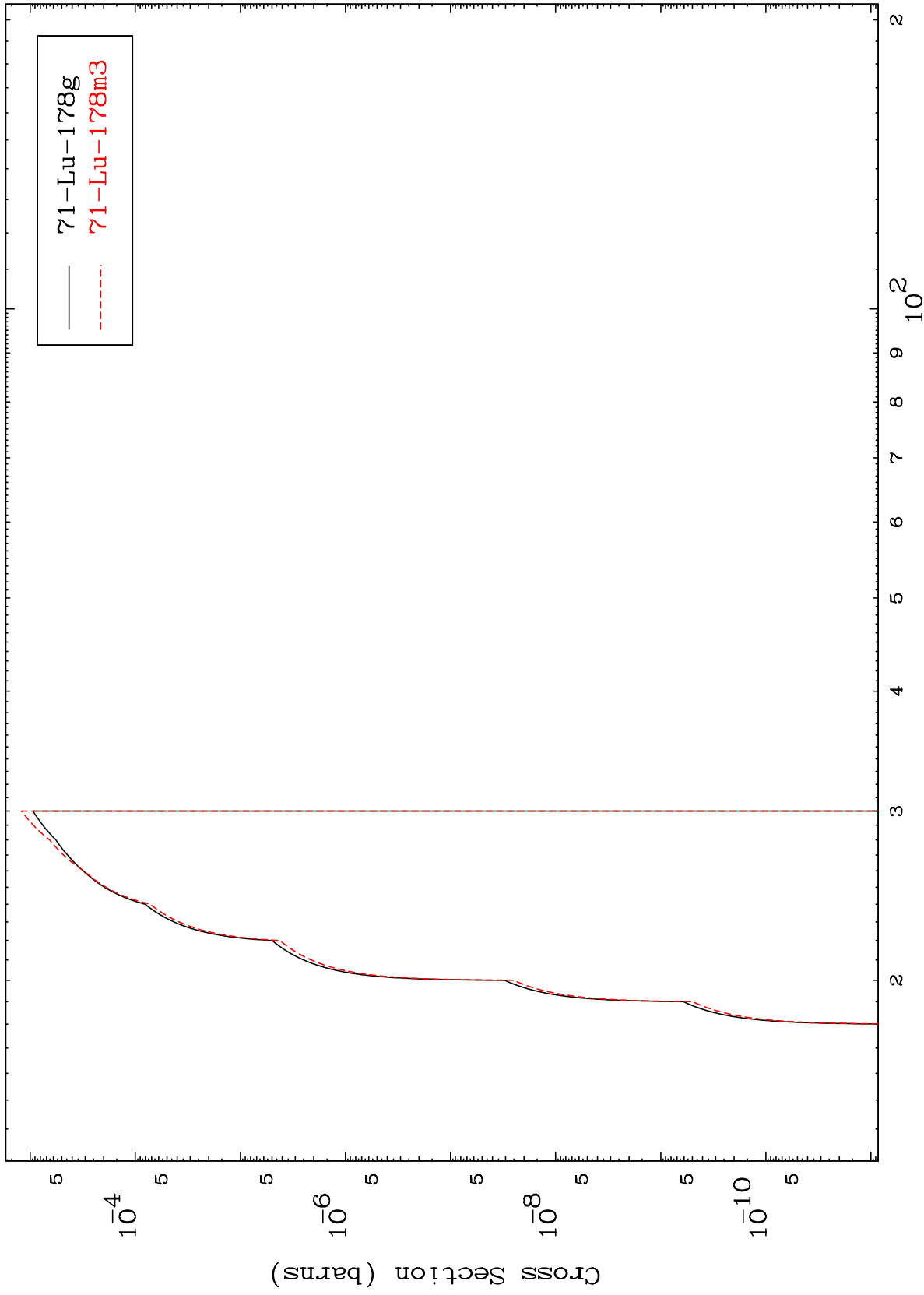


18

Incident Energy (MeV)

$^{70}\text{Yb}-^{177}$

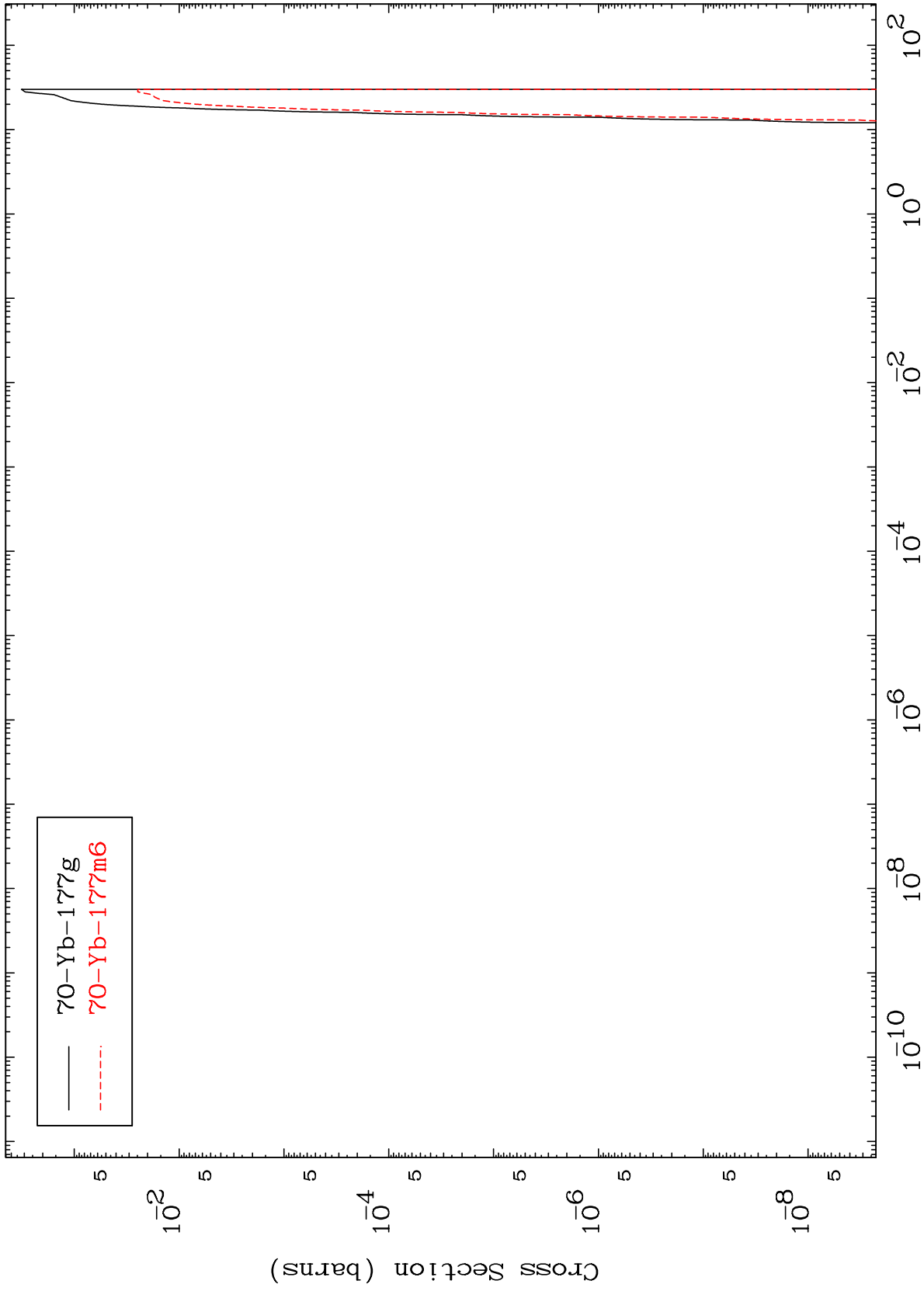
Radionuclide Production Cross Section
(α, t)



MAT 7052

(α, α)
Radionuclide Production Cross Section

$^{70}\text{Yb}-^{177}$



20

Incident Energy (MeV)

$^{70}\text{Yb}-^{177}$