

Program EVALPLOT
(Version 2018-1)

by

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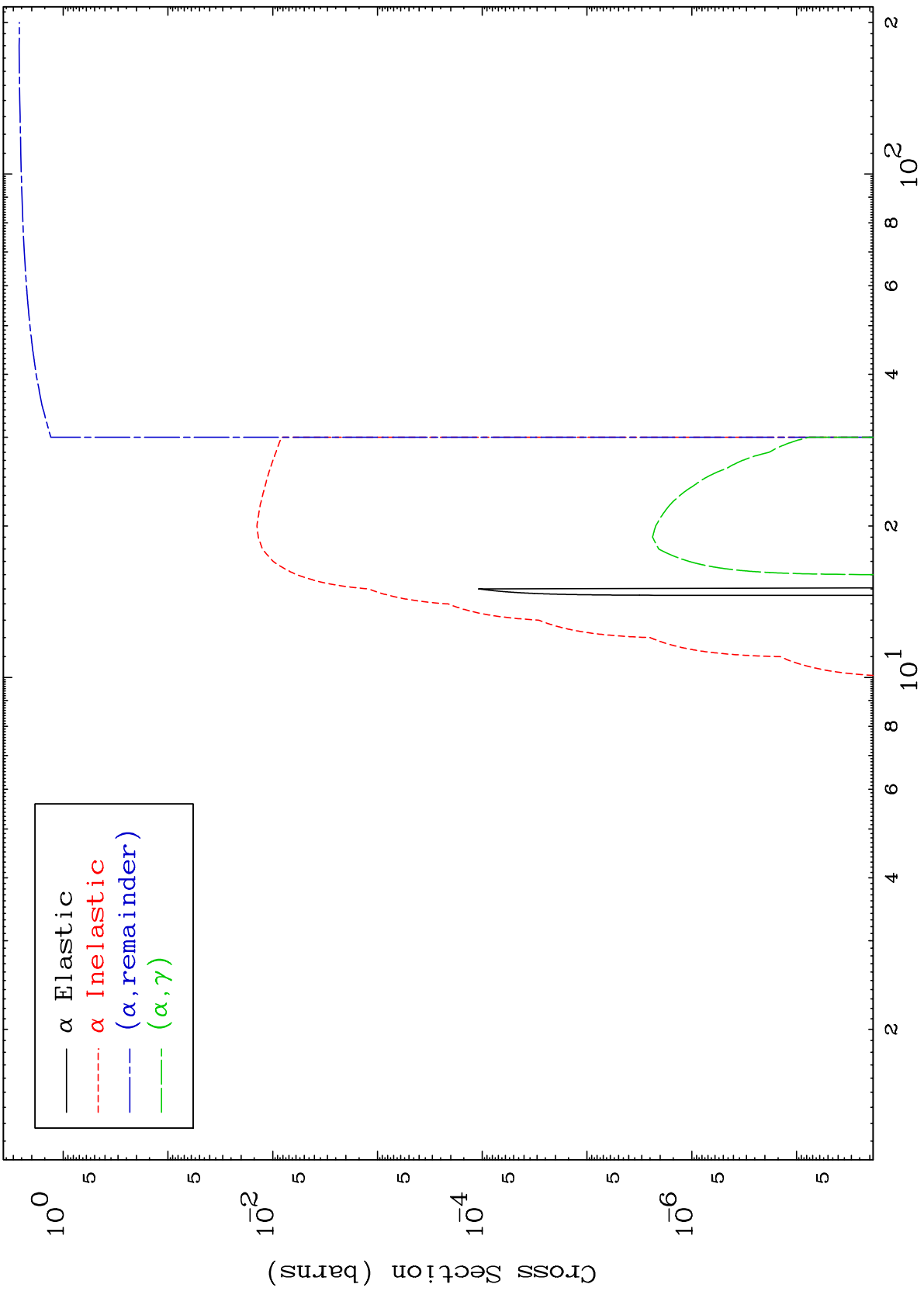
Press Mouse Button to Start

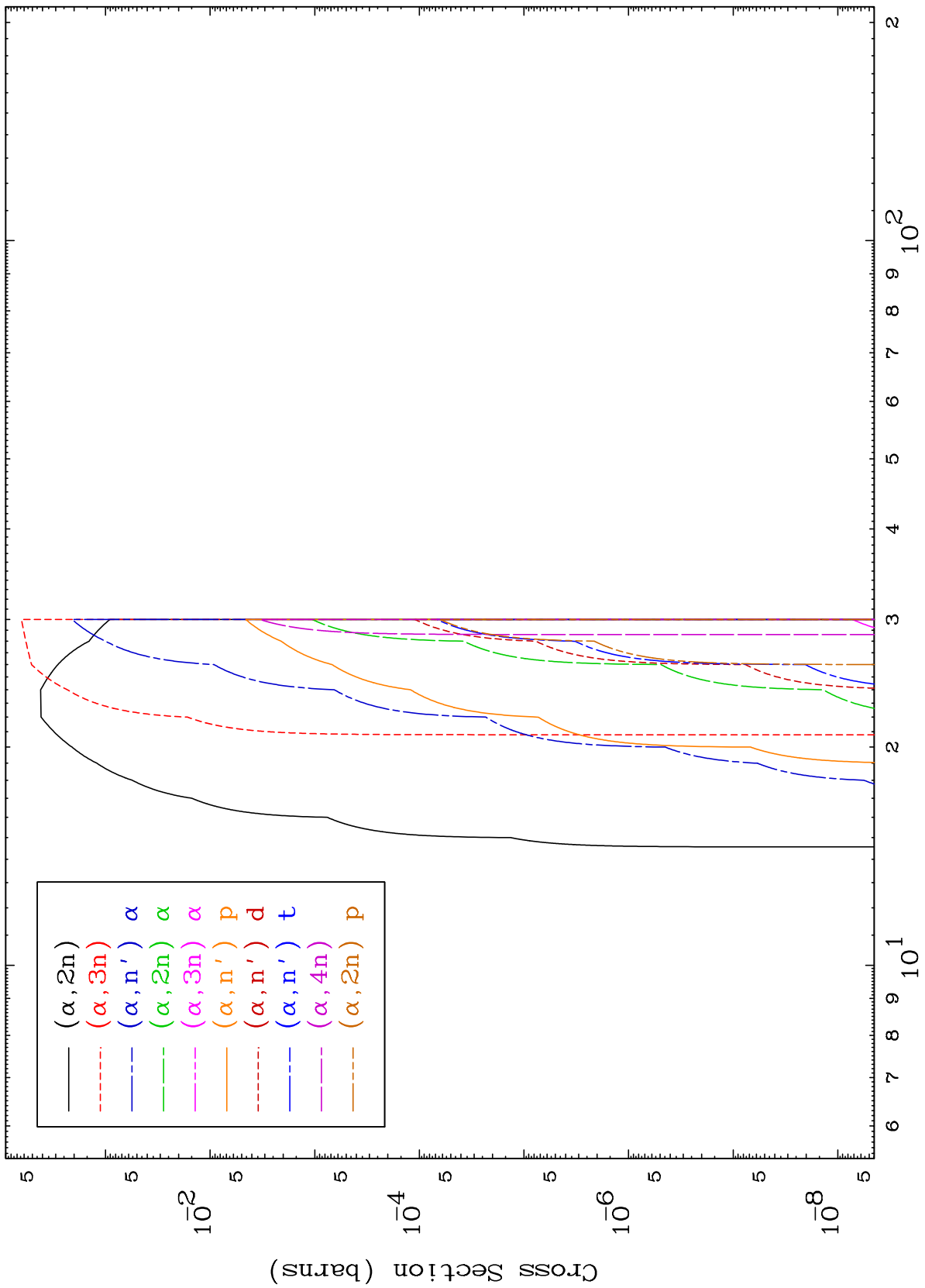
MAT 7052

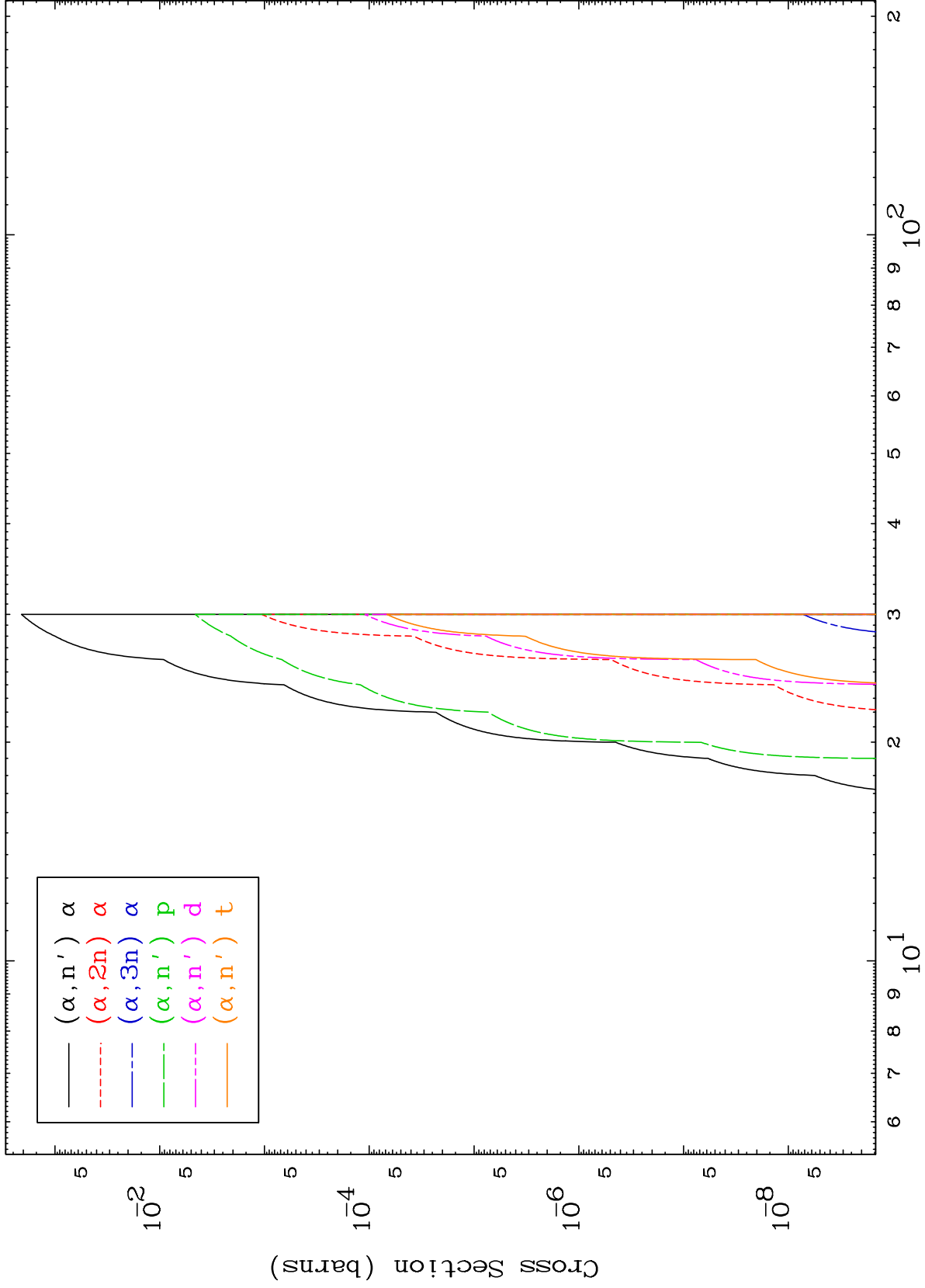
α Major

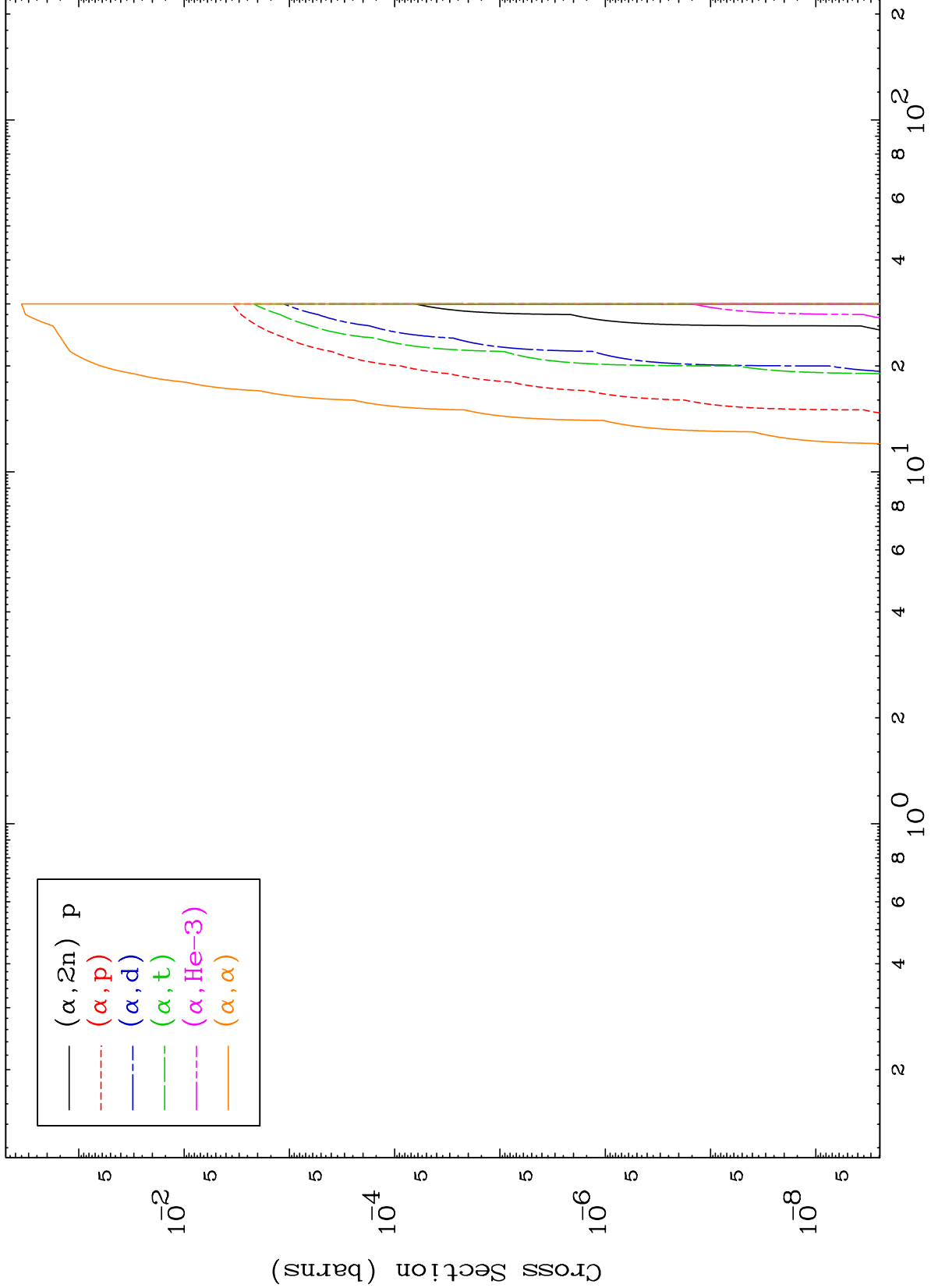
70-Yb-177

0 Kelvin Cross Sections





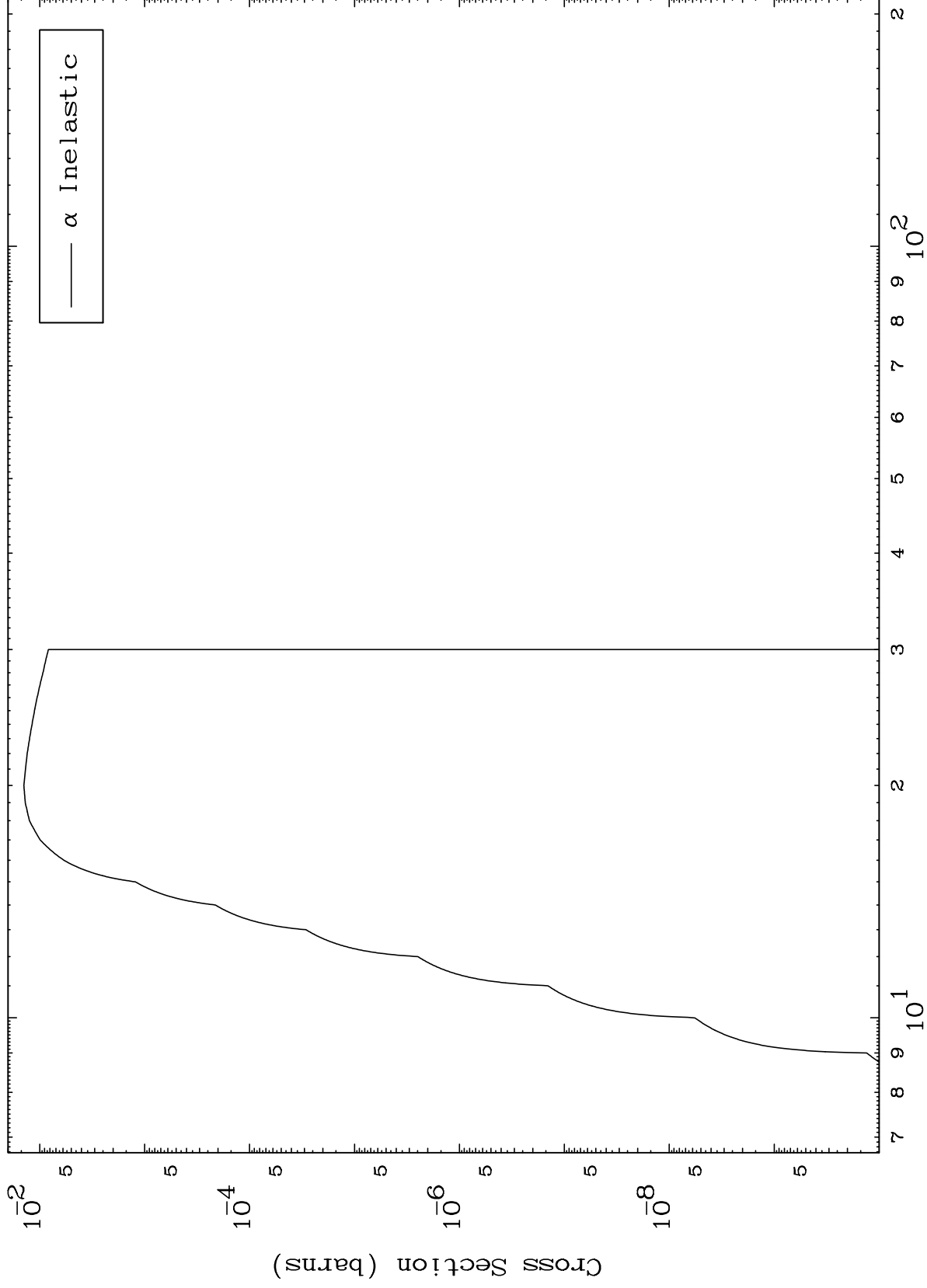




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70-Yb-177

(α, n') Level
0 Kelvin Cross Sections



70-Yb-177

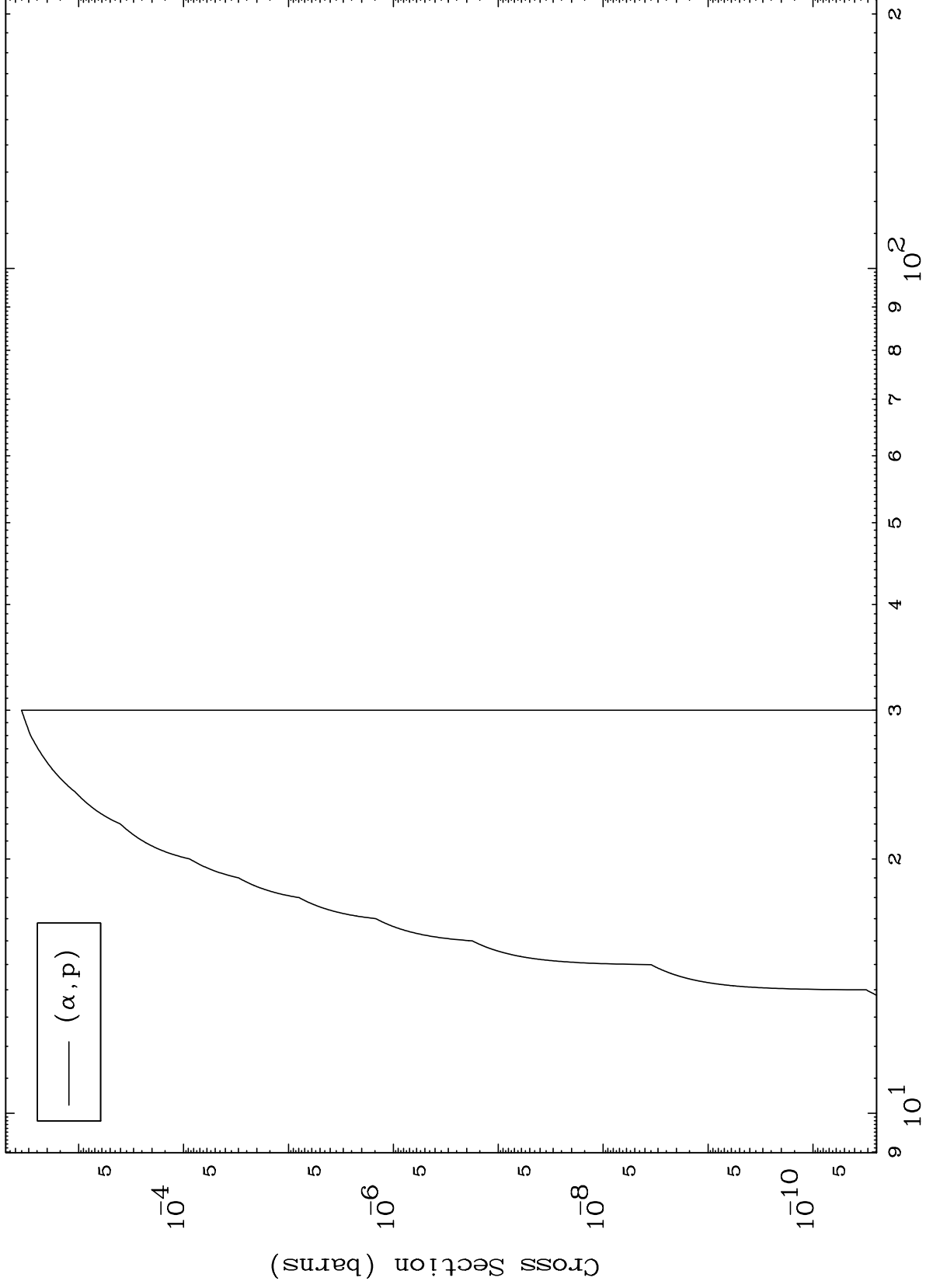
Incident Energy (MeV)

5

MAT 7052

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-177



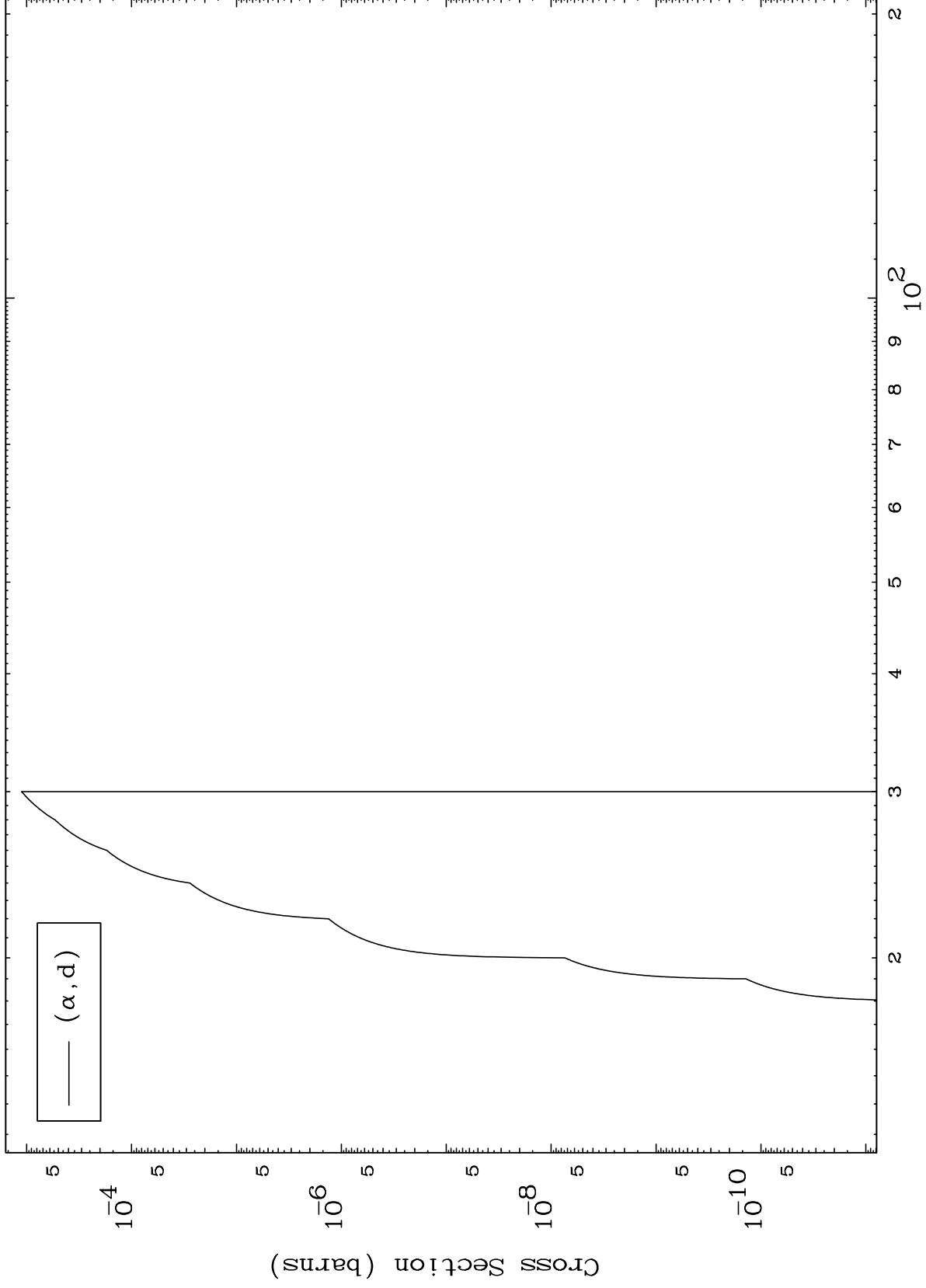
Incident Energy (MeV)

70-Yb-177

MAT 7052

(α, d) Levels
0 Kelvin Cross Sections

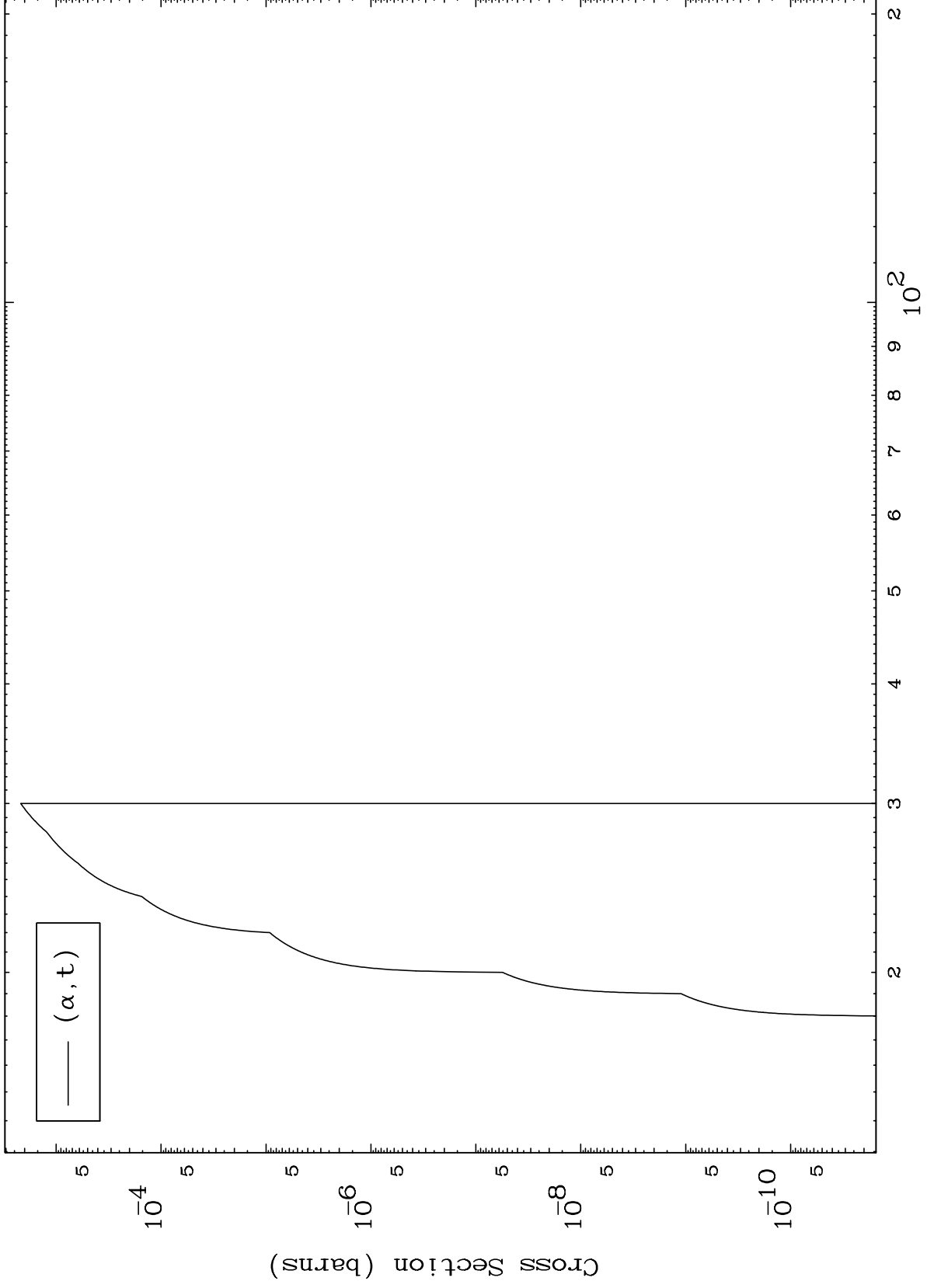
70-Yb-177

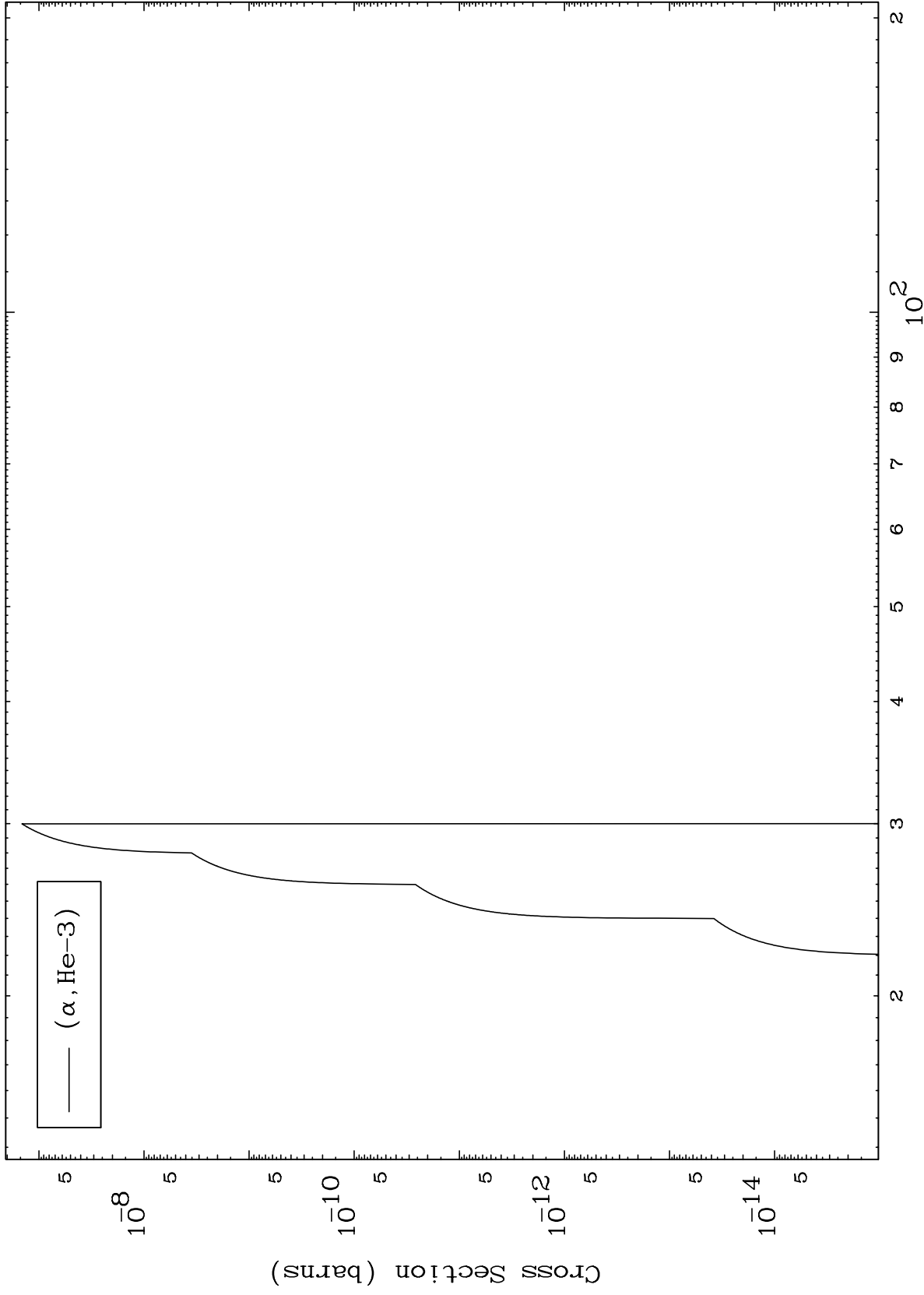


7

Incident Energy (MeV)

70-Yb-177



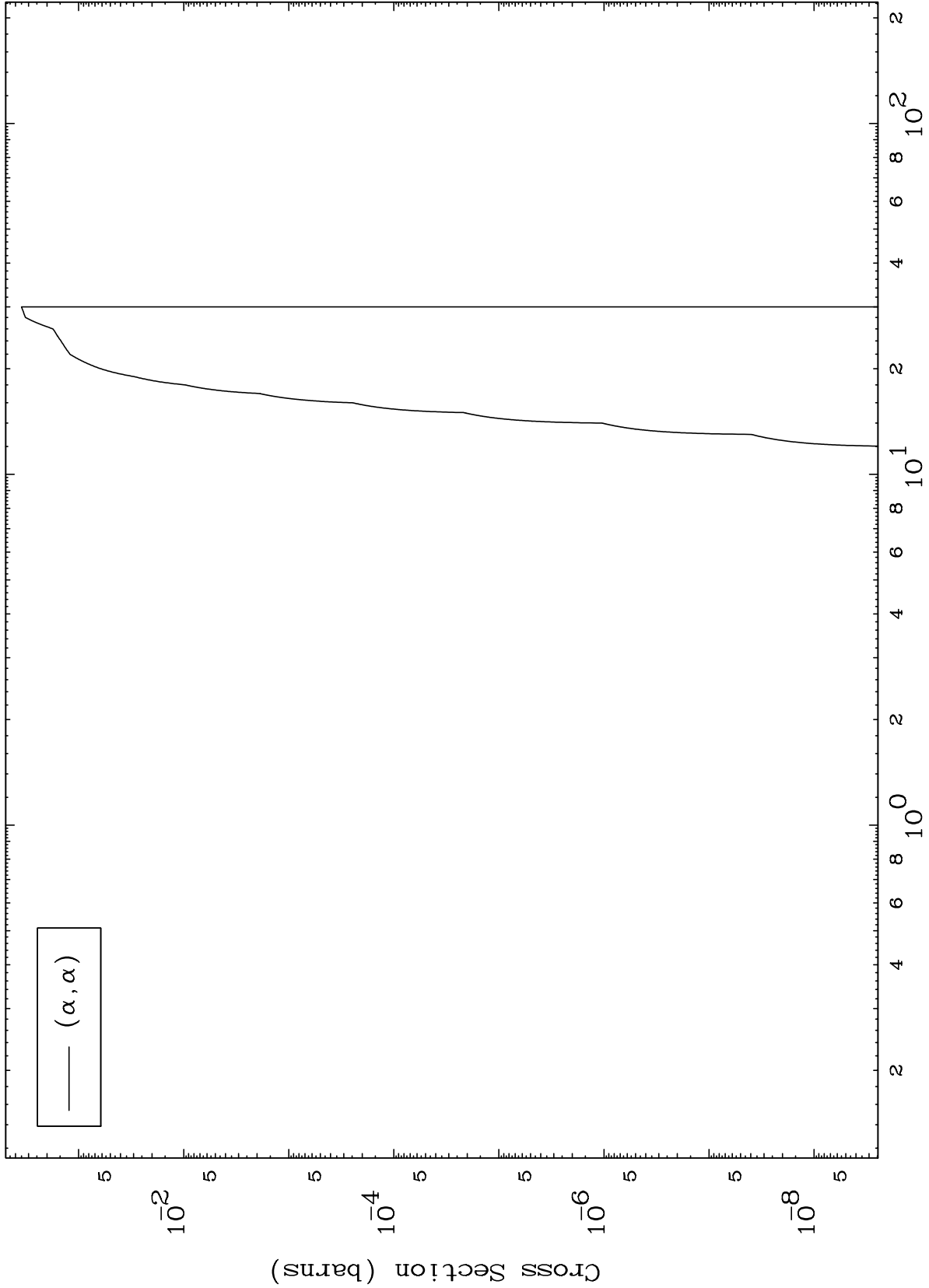


MAT 7052

(α, α) Levels

70-Yb-177

0 Kelvin Cross Sections



10

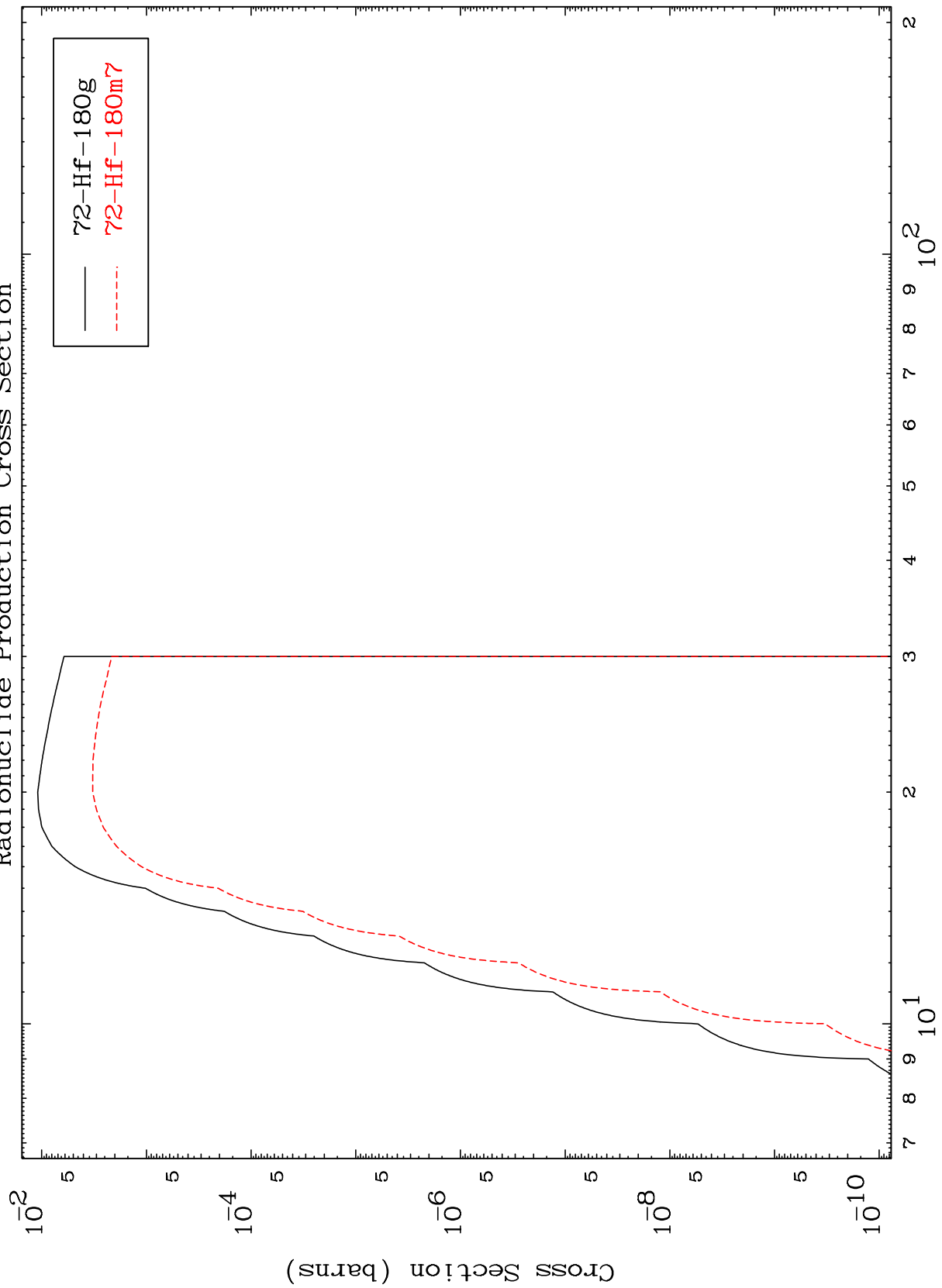
Incident Energy (MeV)

70-Yb-177

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70-Yb-177

α Inelastic
Radionuclide Production Cross Section



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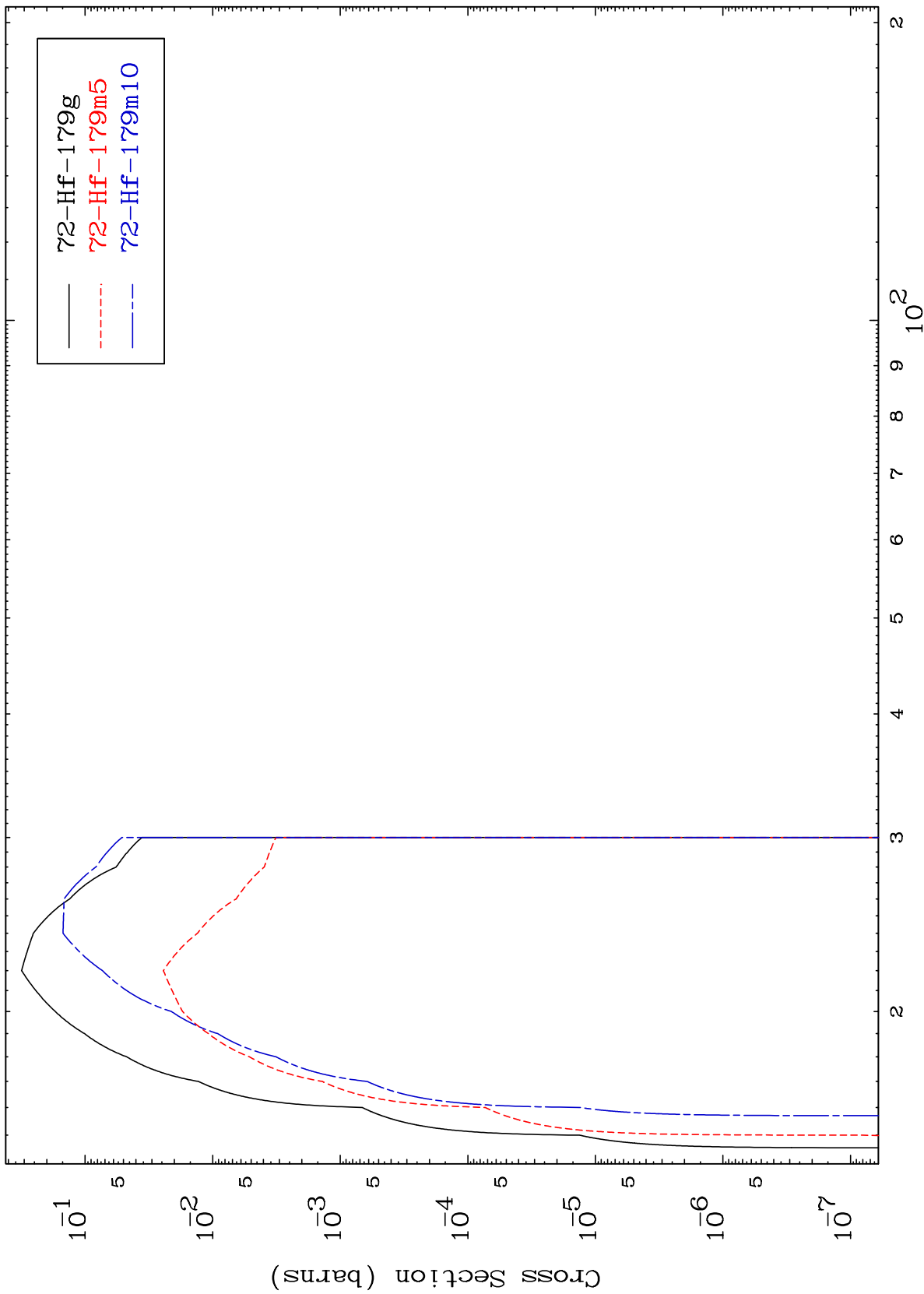
Incident Energy (MeV)

70-Yb-177

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

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

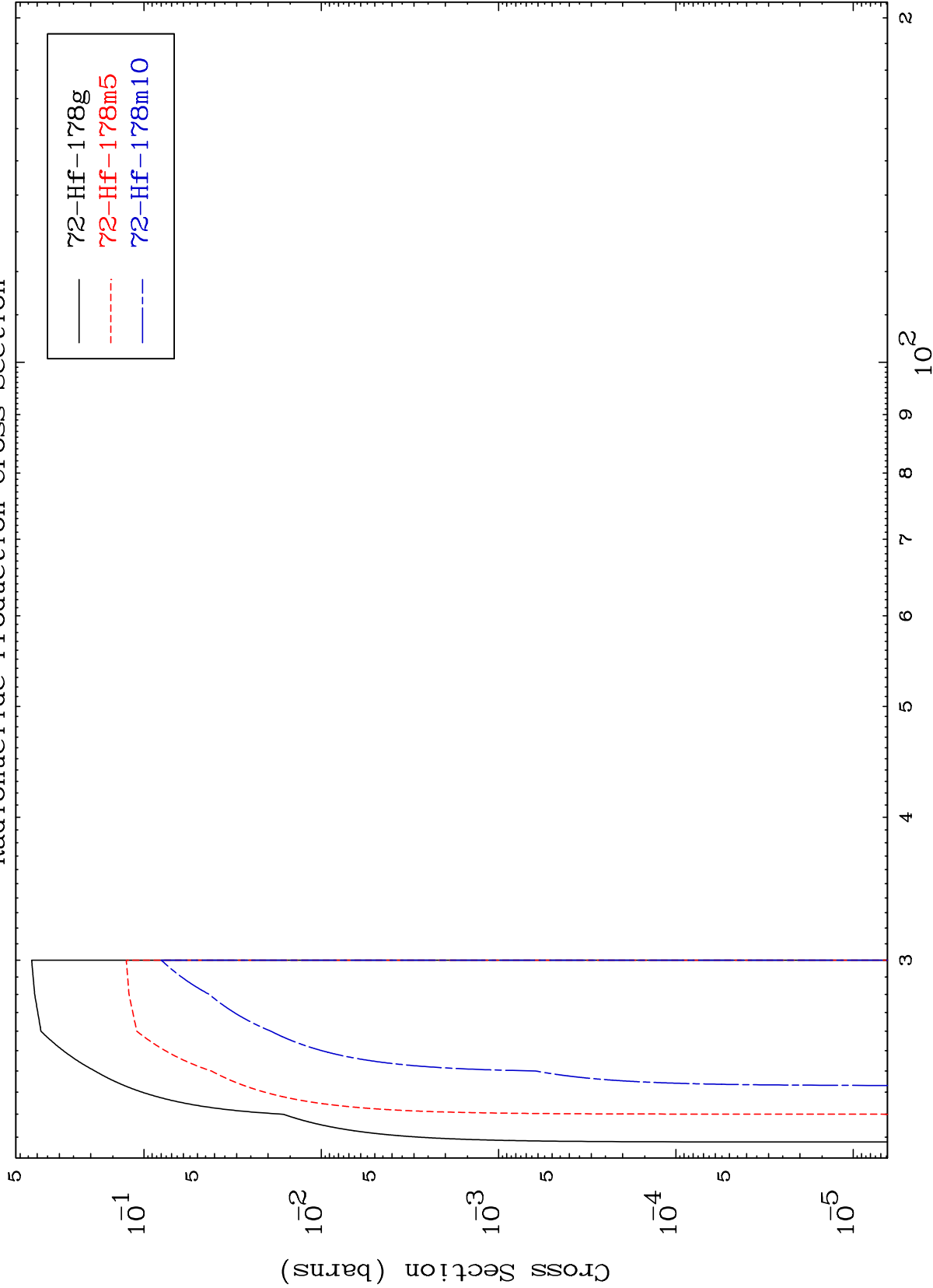


12

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

Incident Energy (MeV)

Radionuclide Production Cross Section

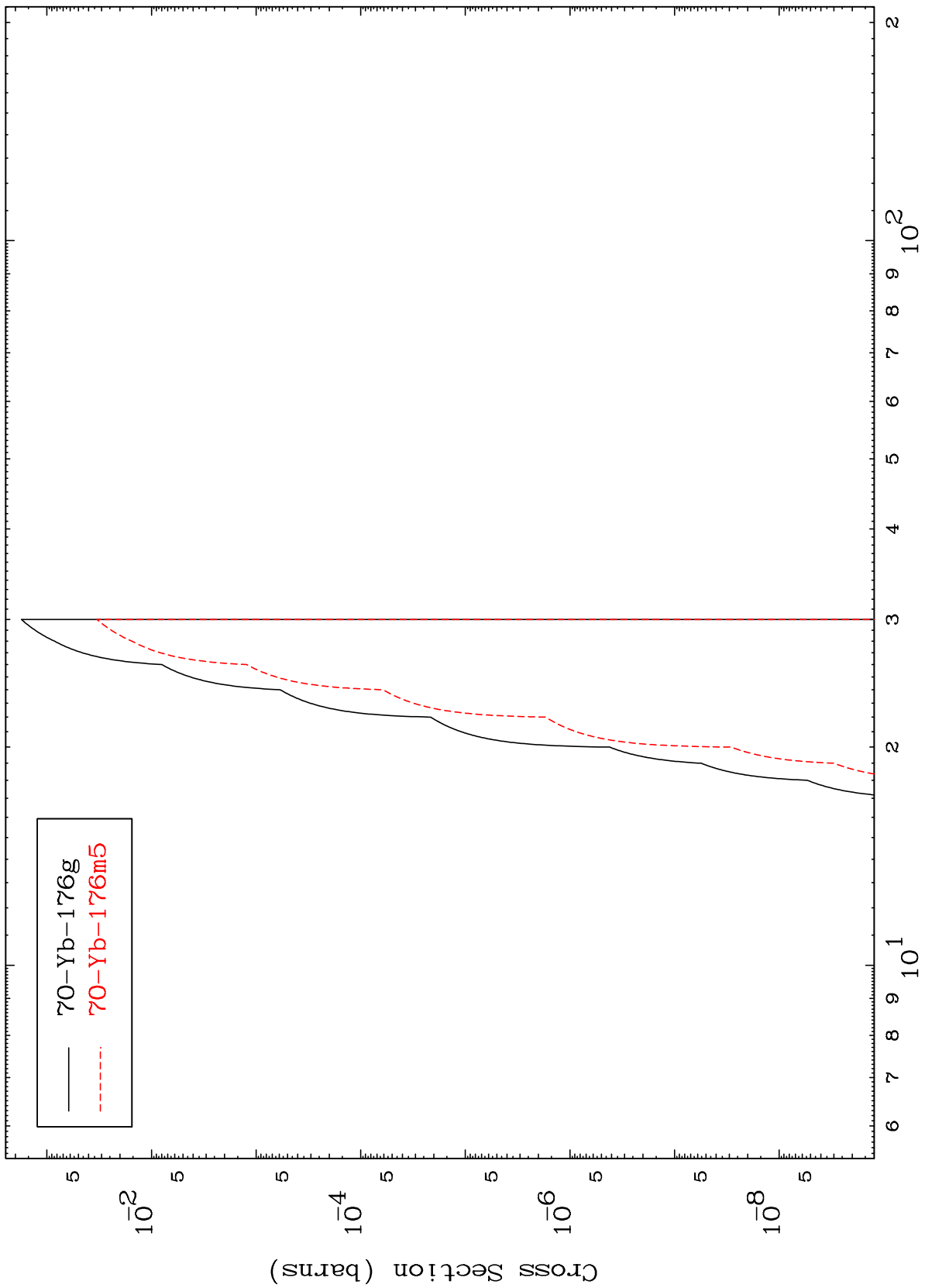


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(α, n') α

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

Radionuclide Production Cross Section



— $^{70}\text{Yb-176g}$
- - - $^{70}\text{Yb-176m5}$

14

Incident Energy (MeV)

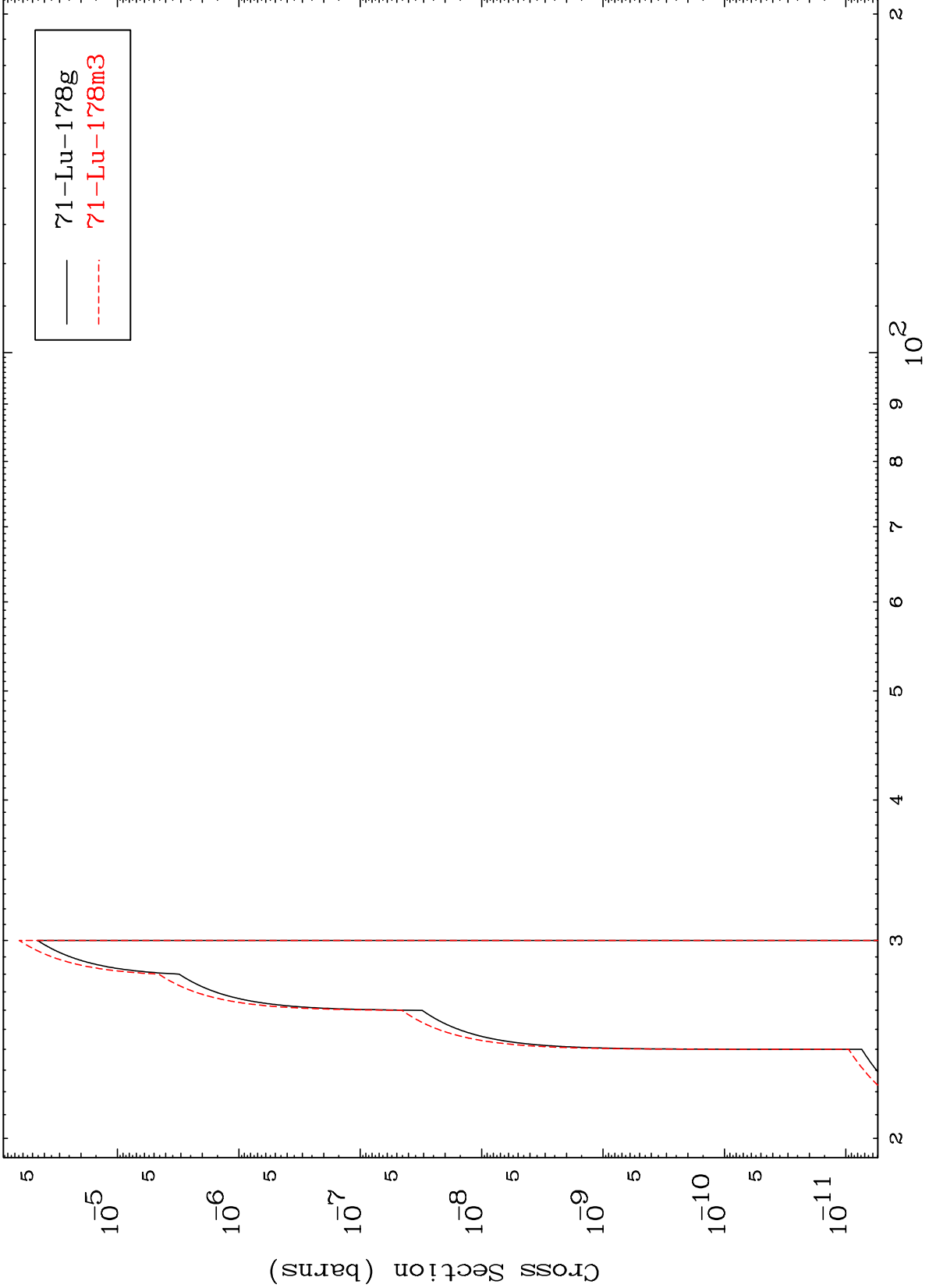
$^{70}\text{Yb-177}$

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(α, n') d

70-Yb-177

Radionuclide Production Cross Section



15

Incident Energy (MeV)

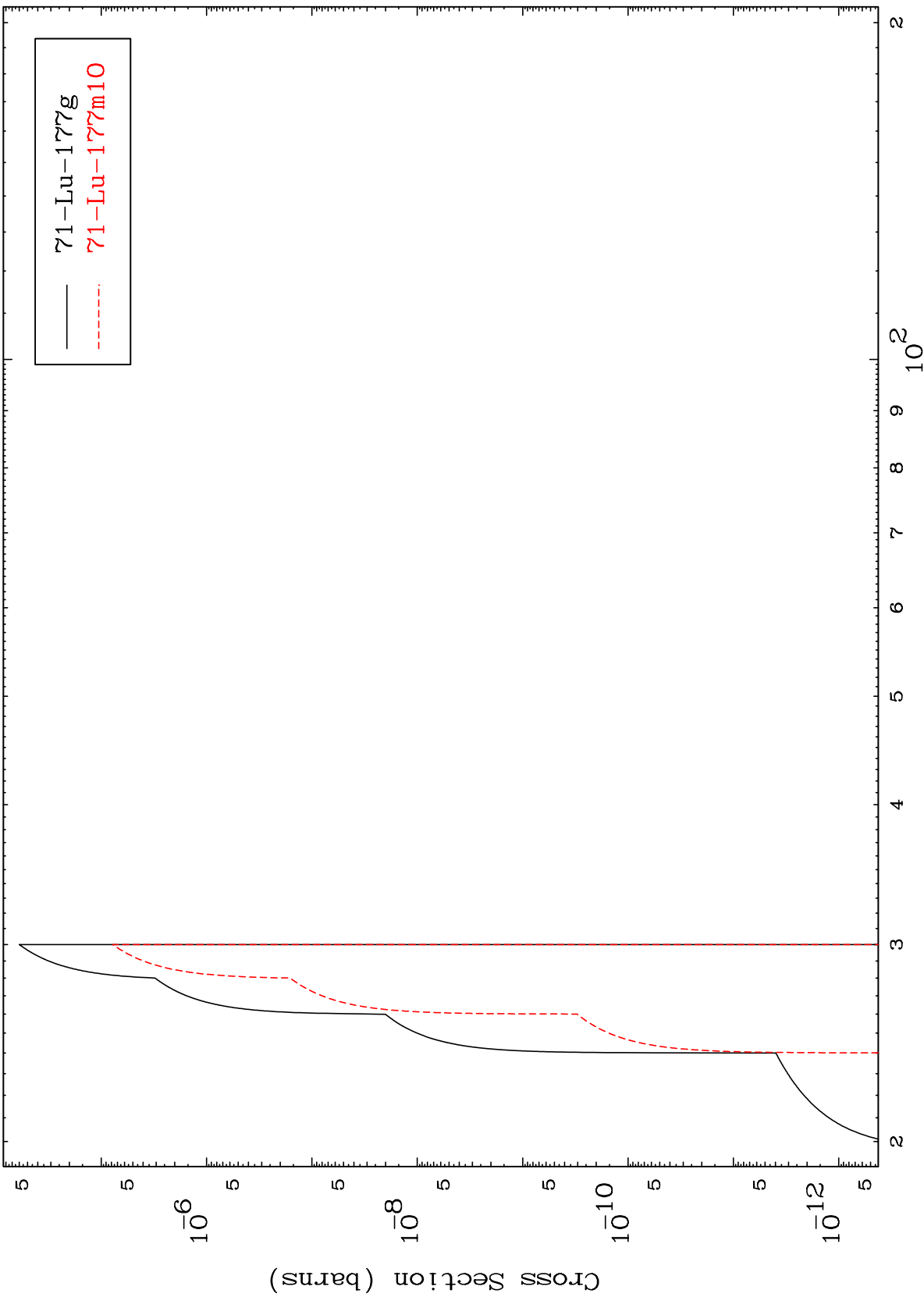
70-Yb-177

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(α, n') t

70-Yb-177

Radionuclide Production Cross Section



16

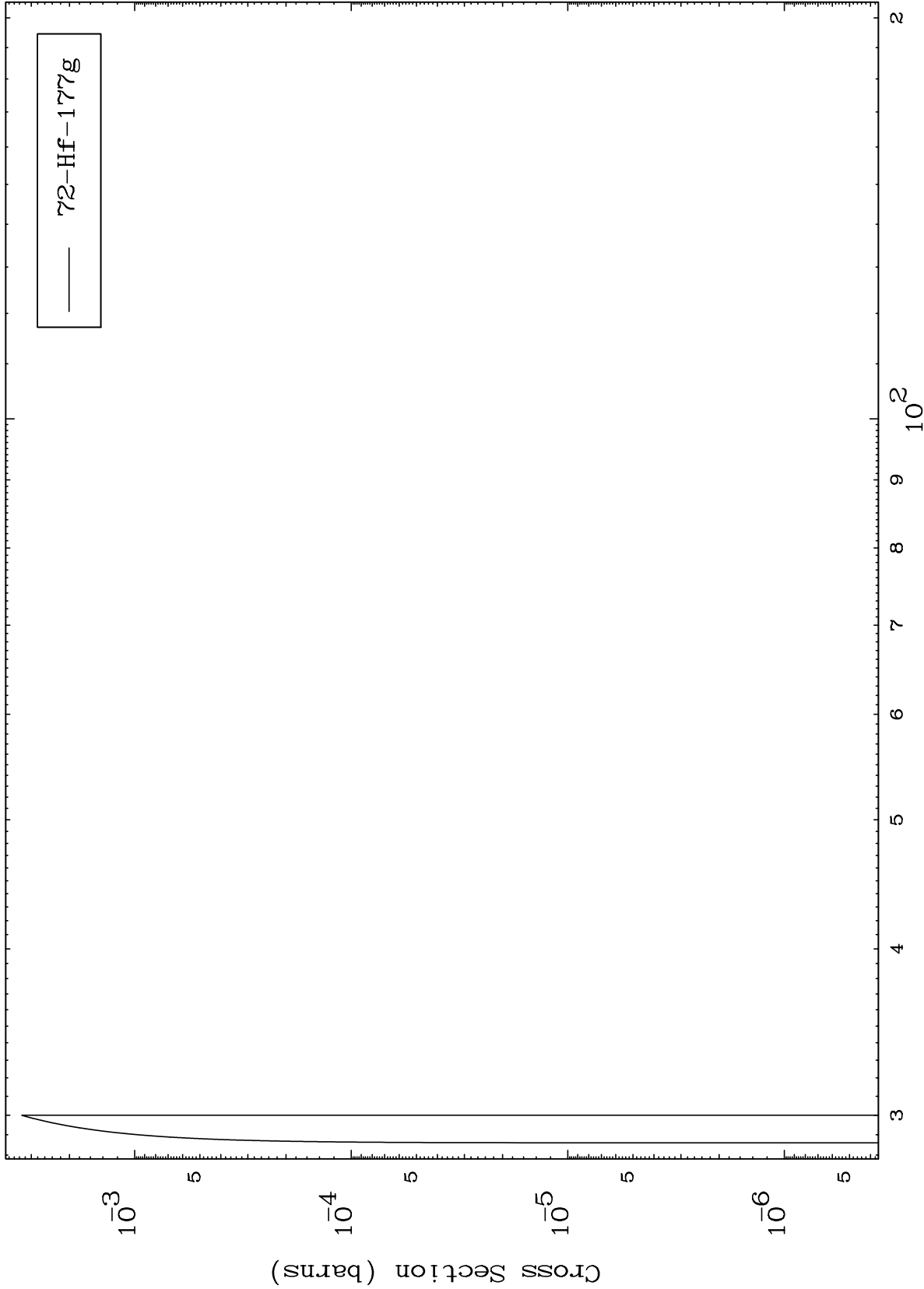
Incident Energy (MeV)

70-Yb-177

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70-Yb-177

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



70-Yb-177

Incident Energy (MeV)

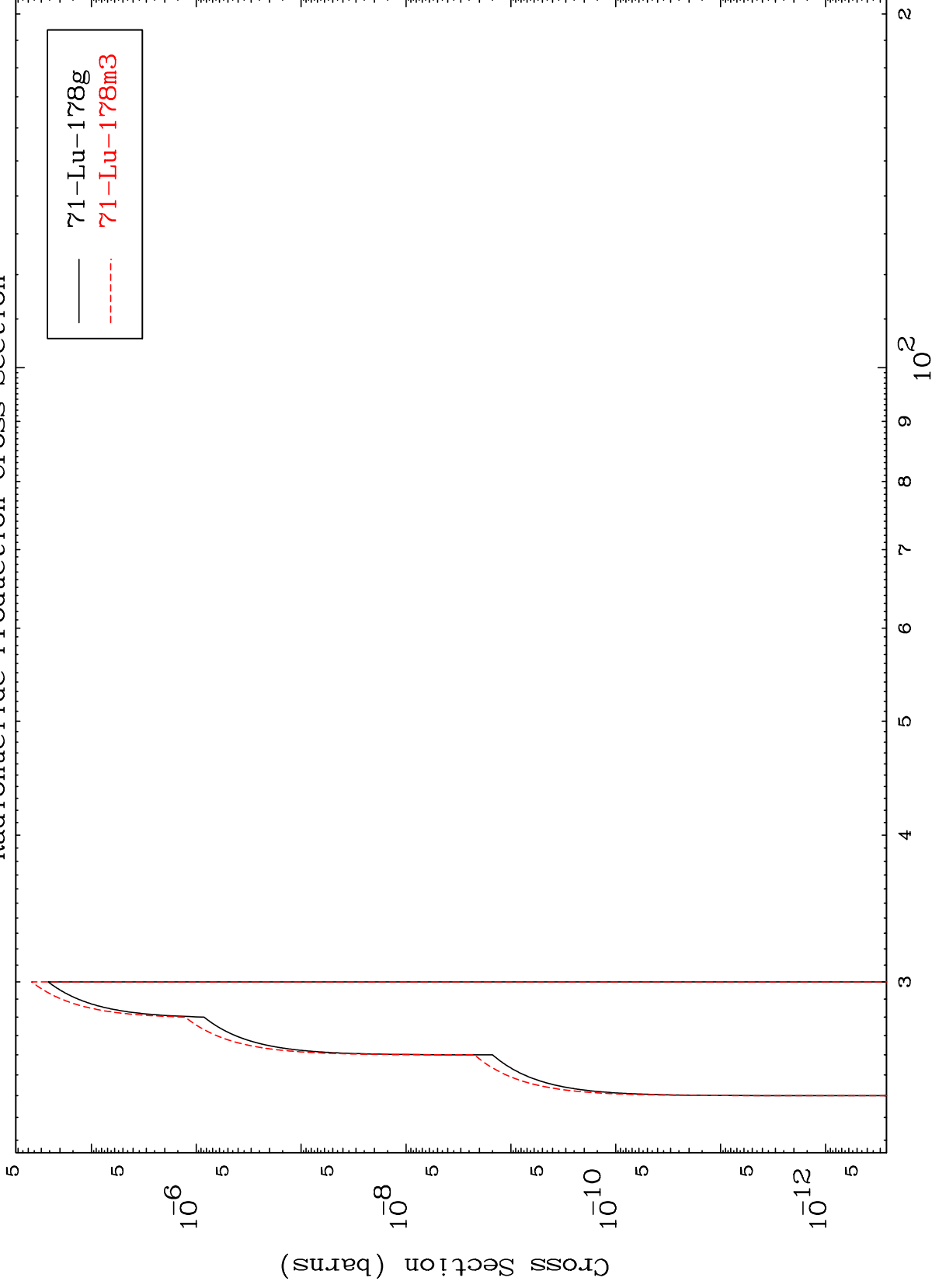
17

MAT 7052

$(\alpha, 2n)$ p

70-Yb-177

Radionuclide Production Cross Section



18

Incident Energy (MeV)

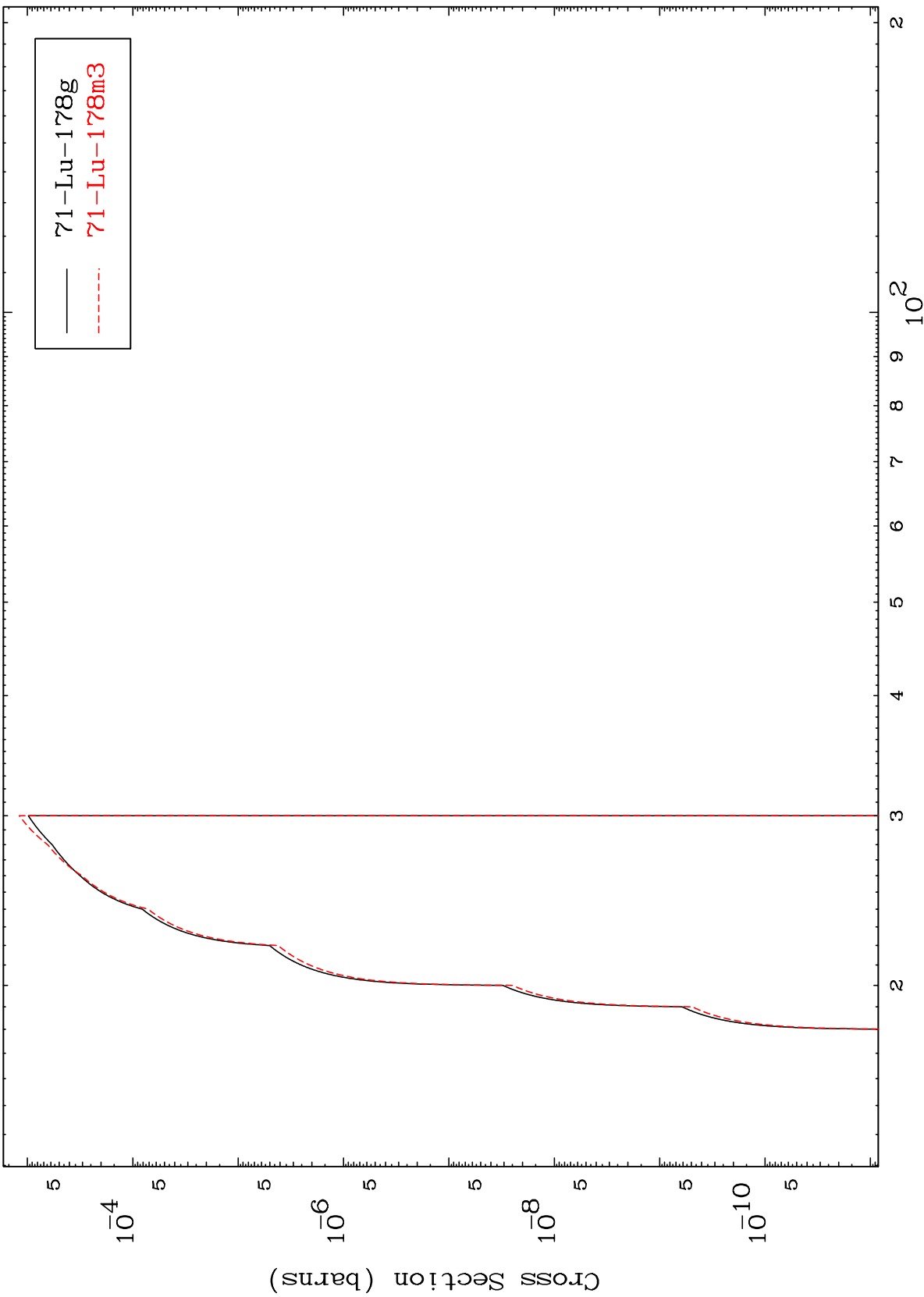
70-Yb-177

MAT 7052

(α, t)

70-Yb-177

Radionuclide Production Cross Section



19

Incident Energy (MeV)

70-Yb-177

MAT 7052

(α, α)

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

Radionuclide Production Cross Section

