

Program EVALPLOT
(Version 2021-1)

by

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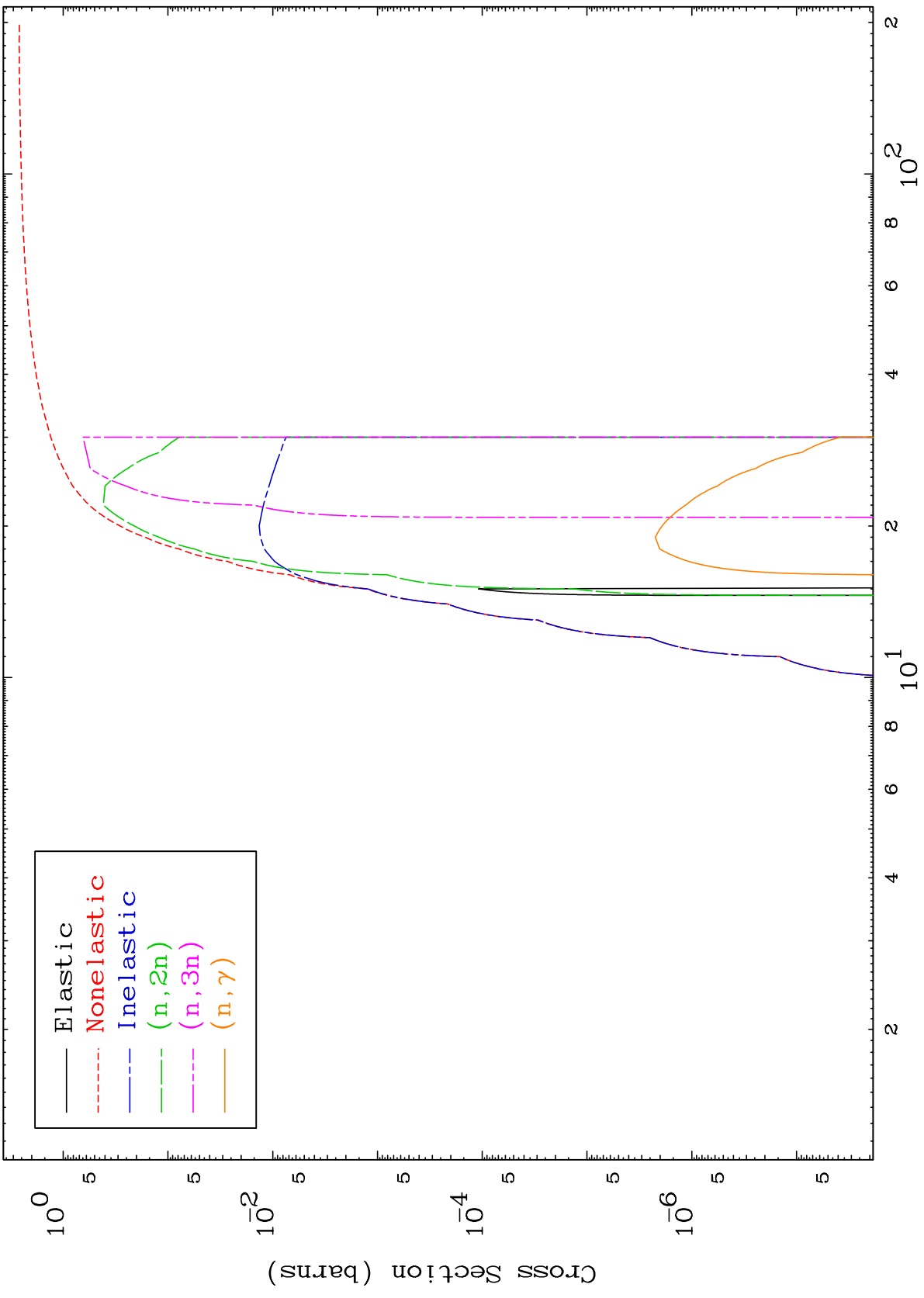
Press Mouse Button to Start

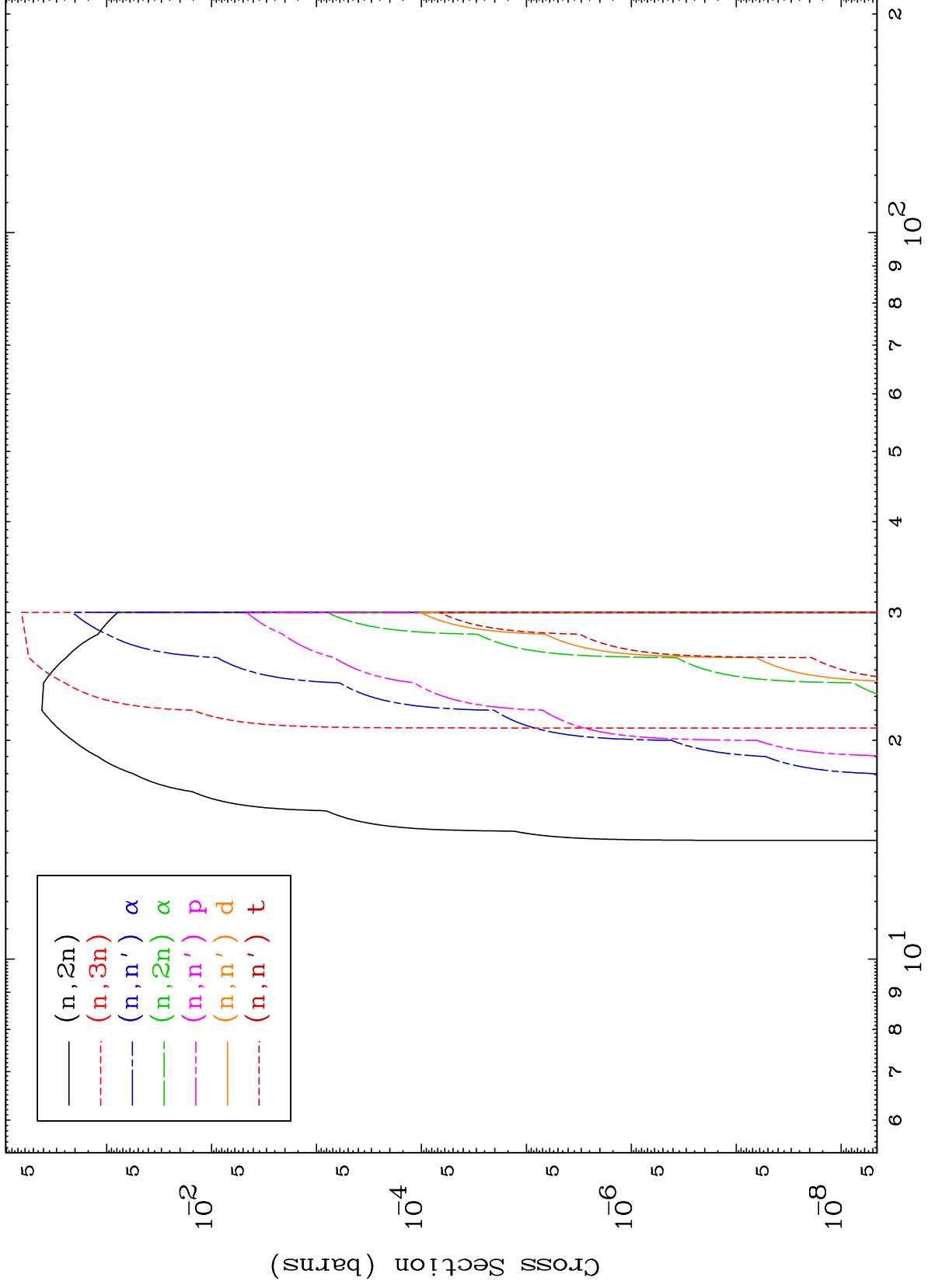
MAT 7052

α Major

70-Yb-177

0 Kelvin Cross Sections

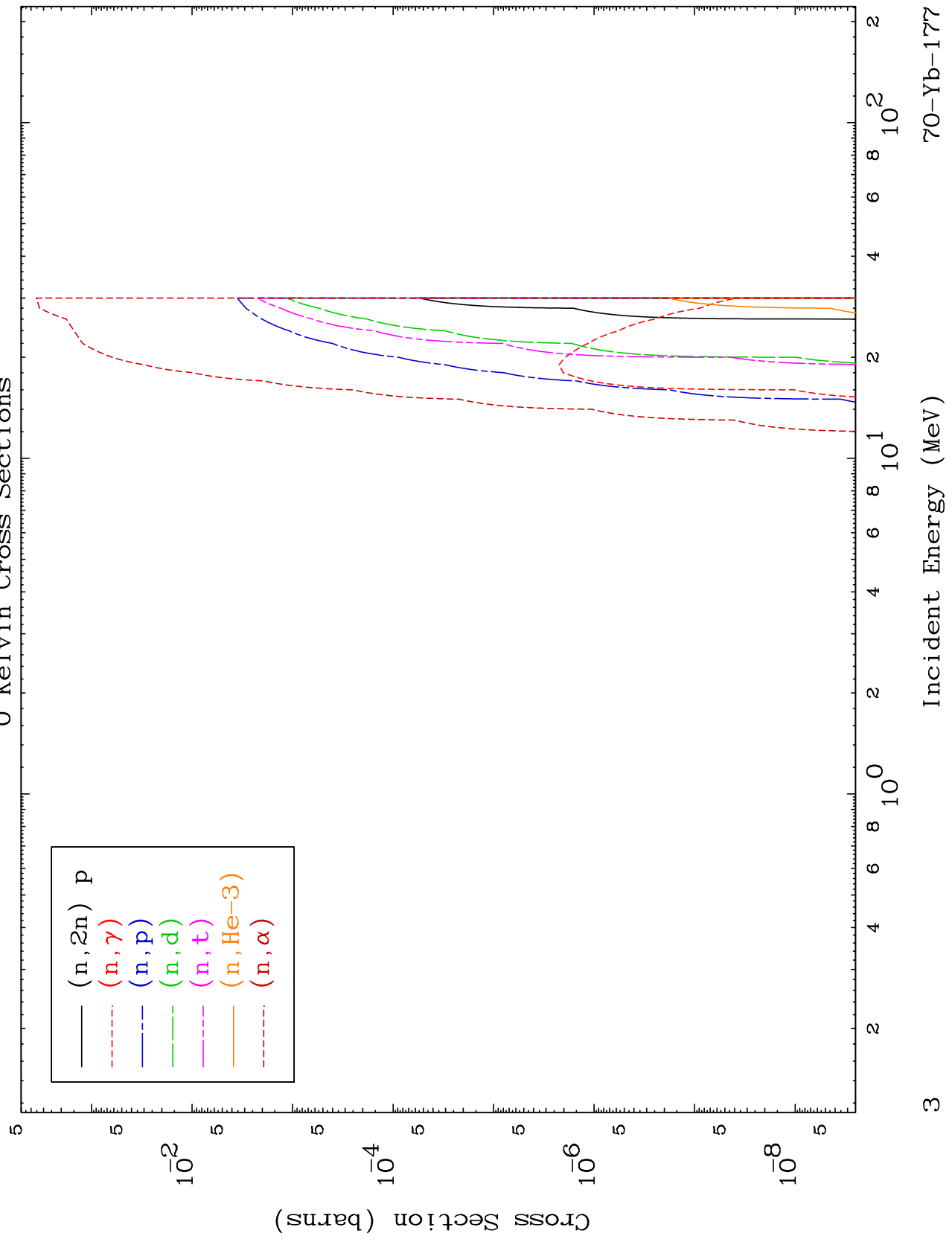


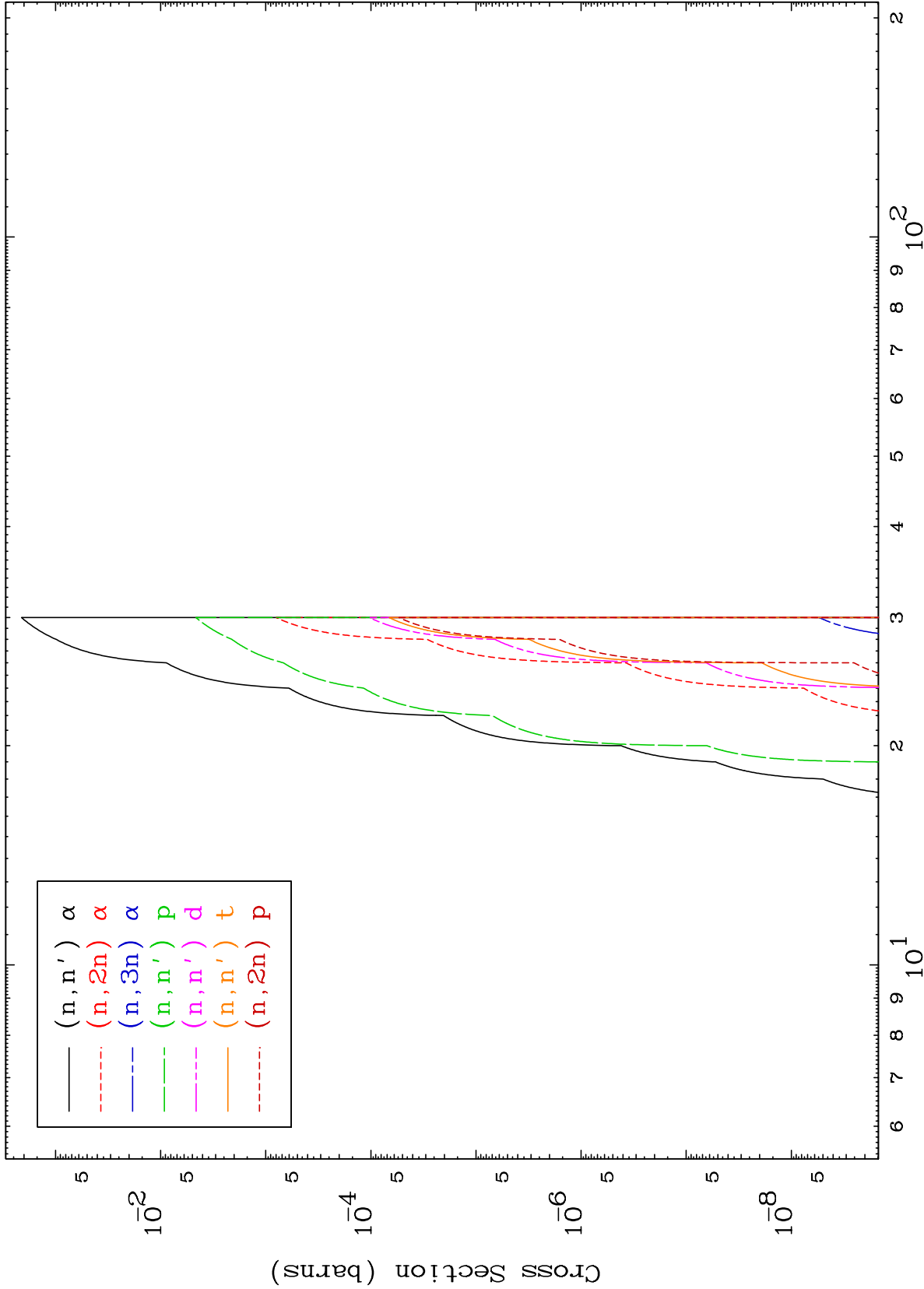


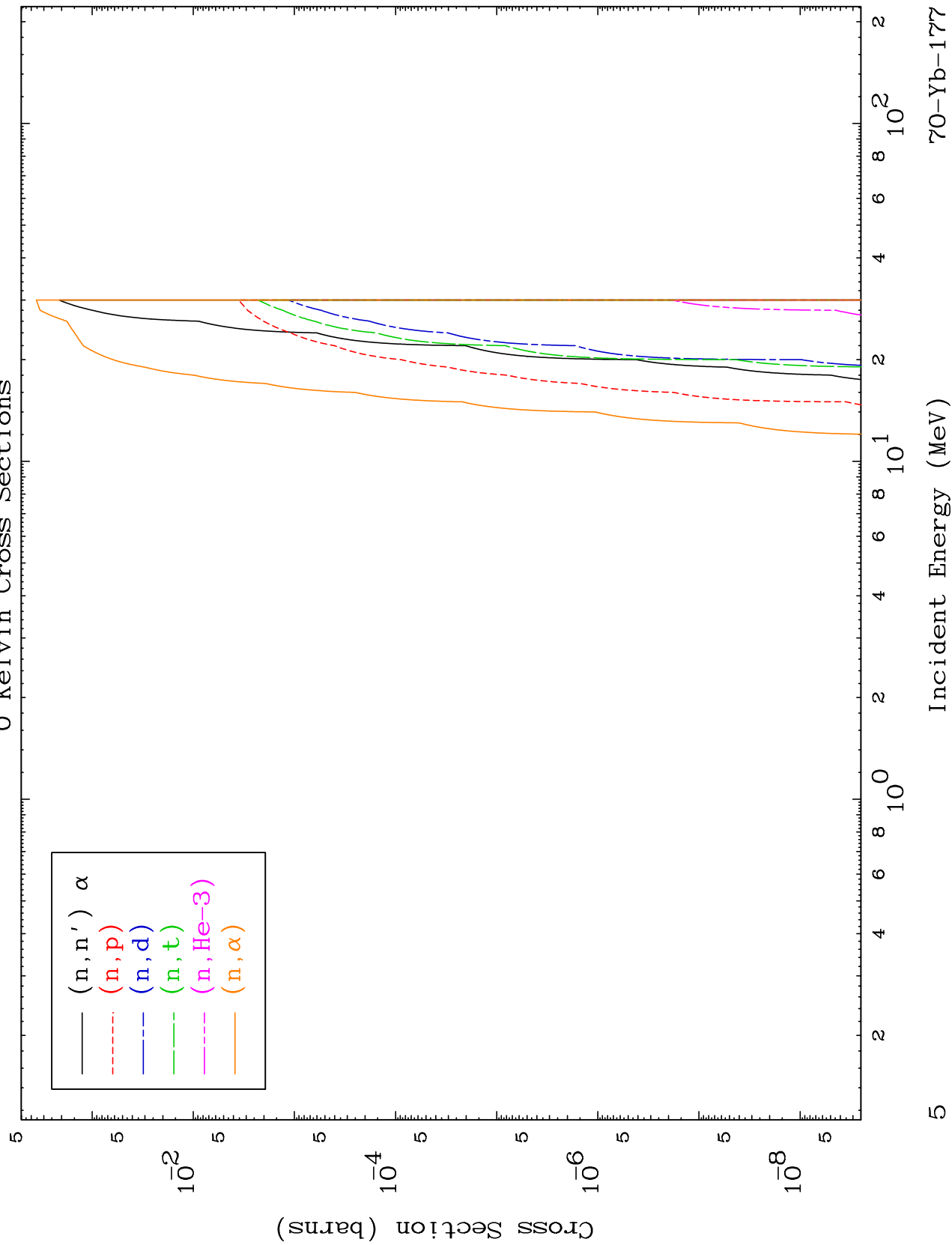
MAT 7052

α Neutron Absorption
0 Kelvin Cross Sections

70-Yb-177



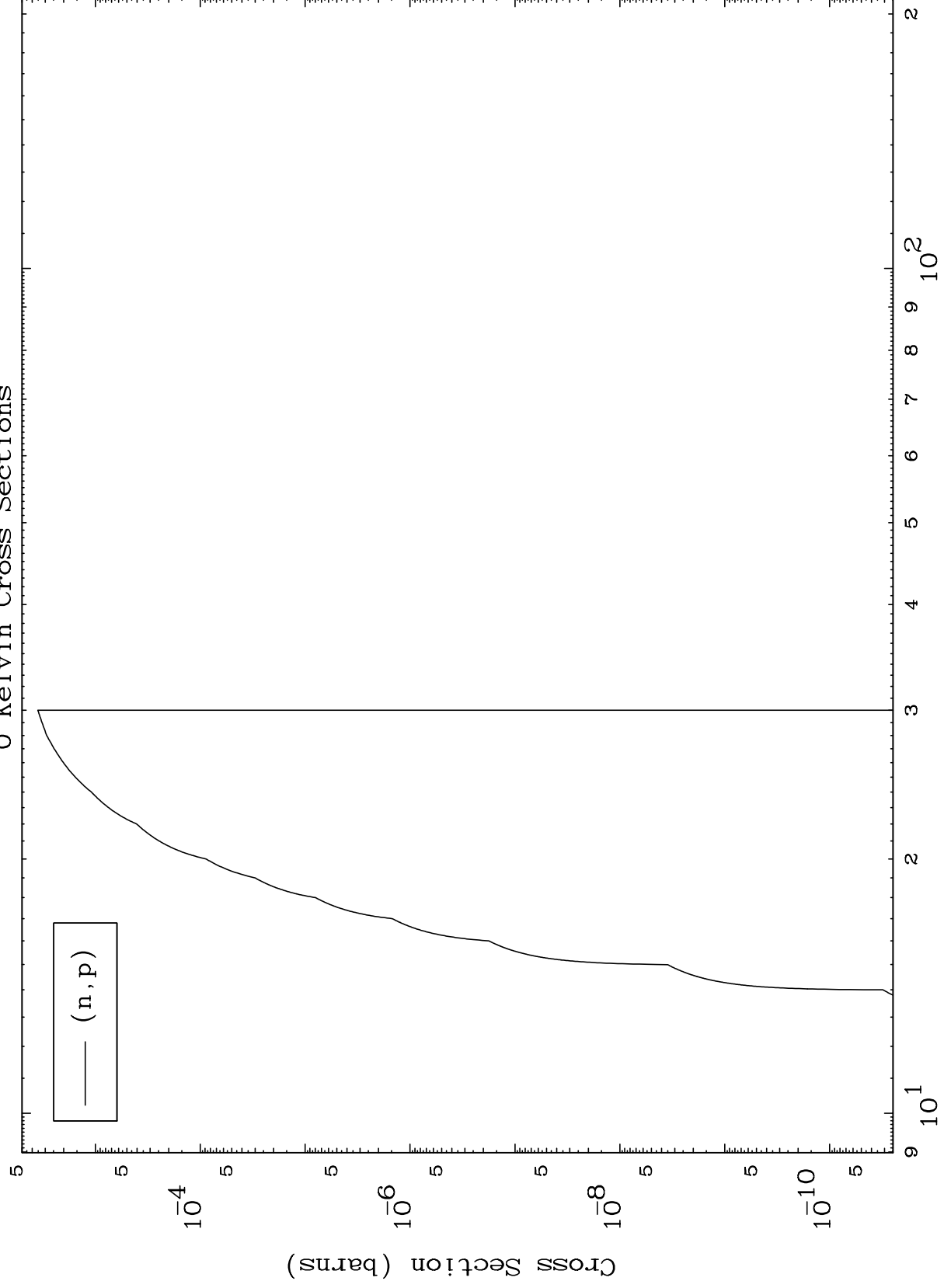




MAT 7052

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-177



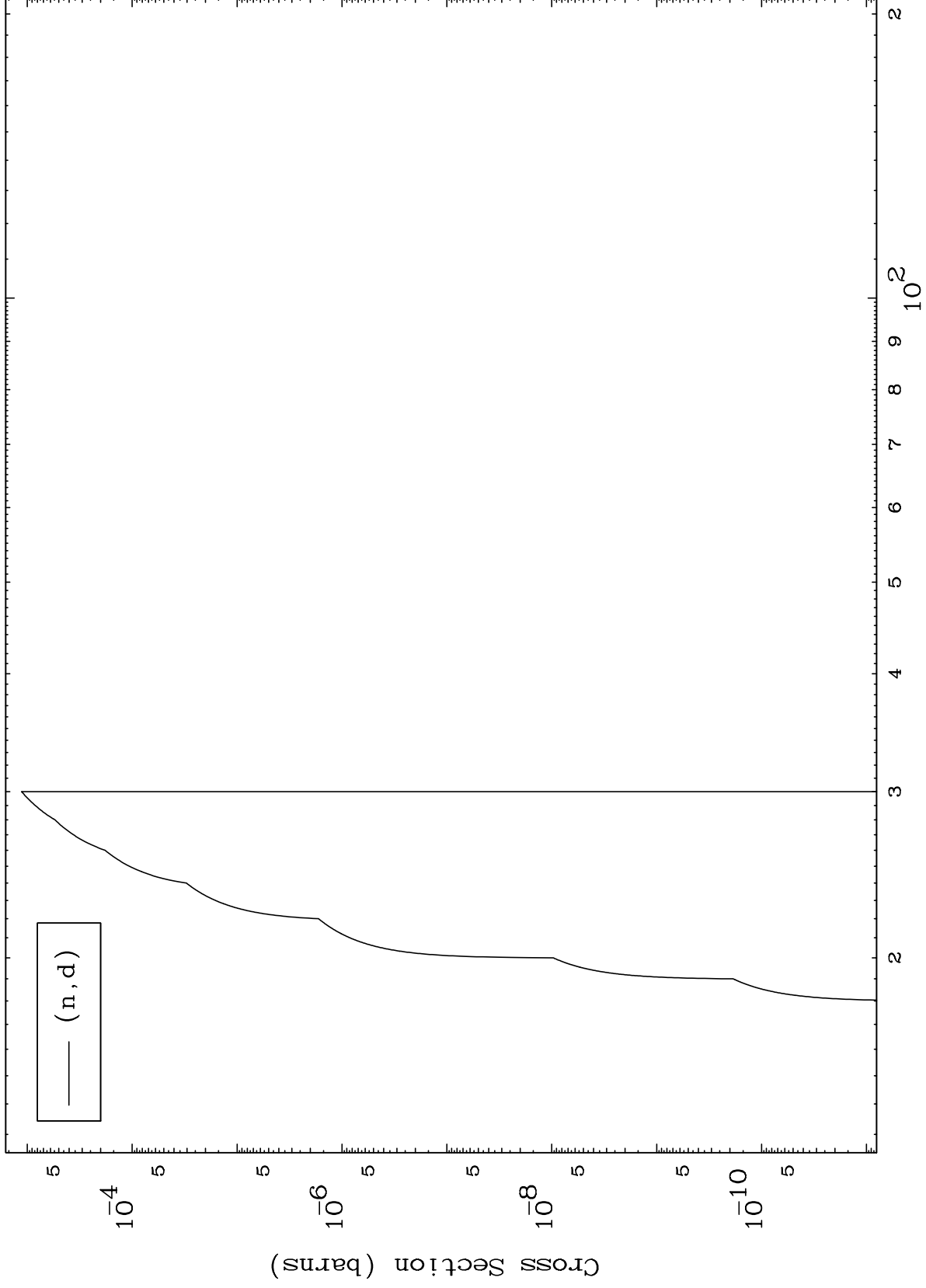
Incident Energy (MeV)

70-Yb-177

MAT 7052

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-177



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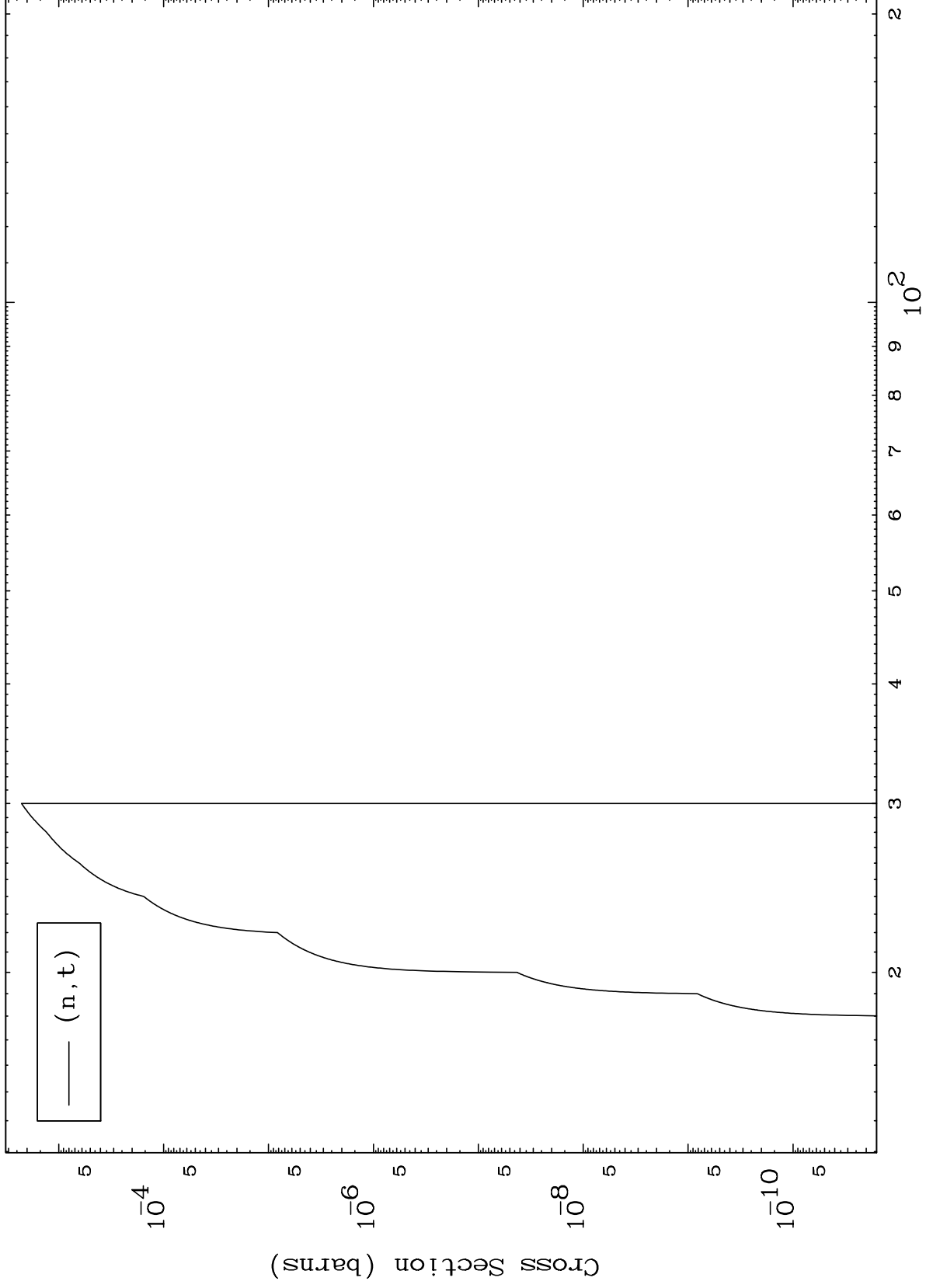
Incident Energy (MeV)

70-Yb-177

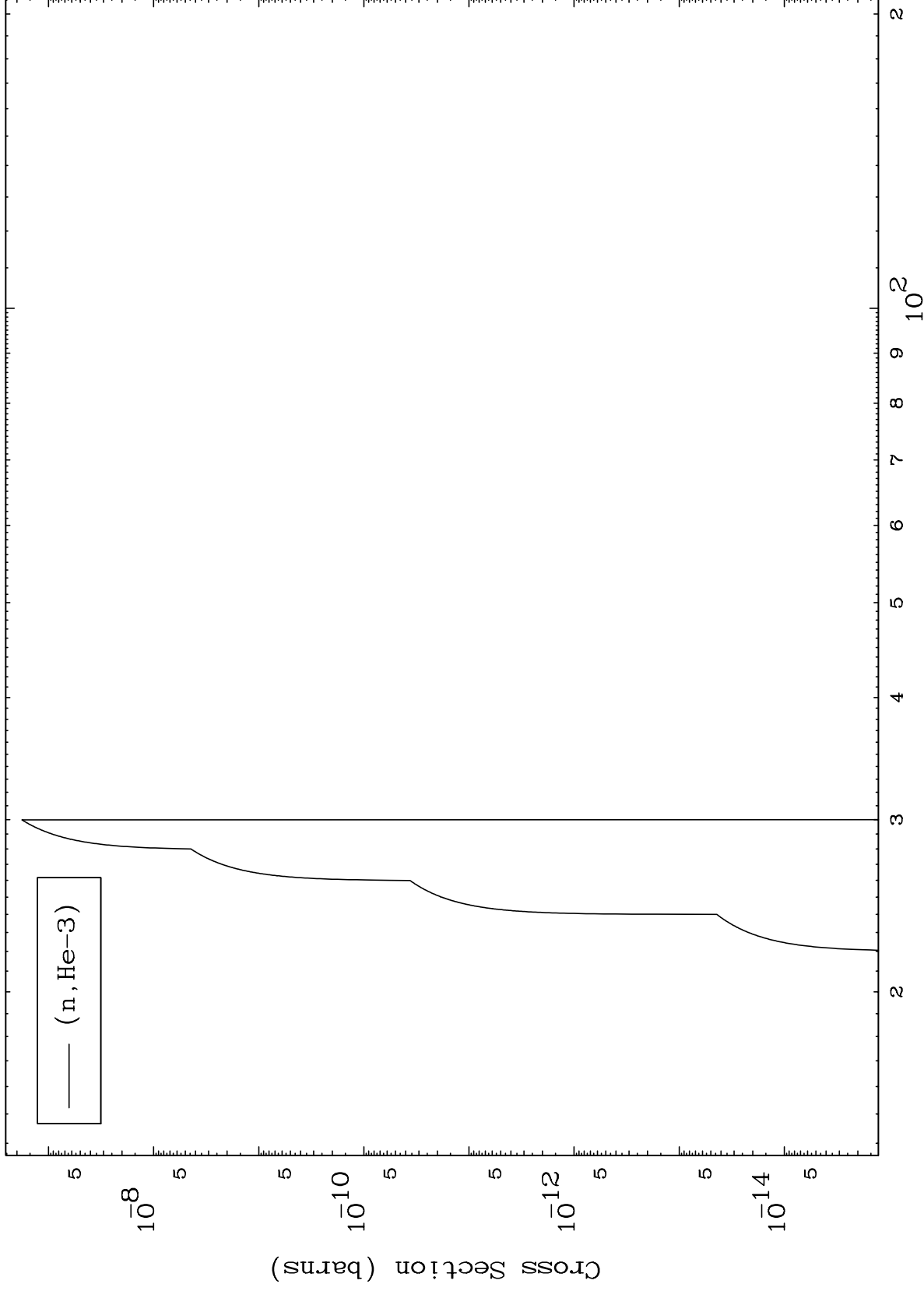
MAT 7052

(α, t) Levels
0 Kelvin Cross Sections

70-Yb-177



0 Kelvin Cross Sections

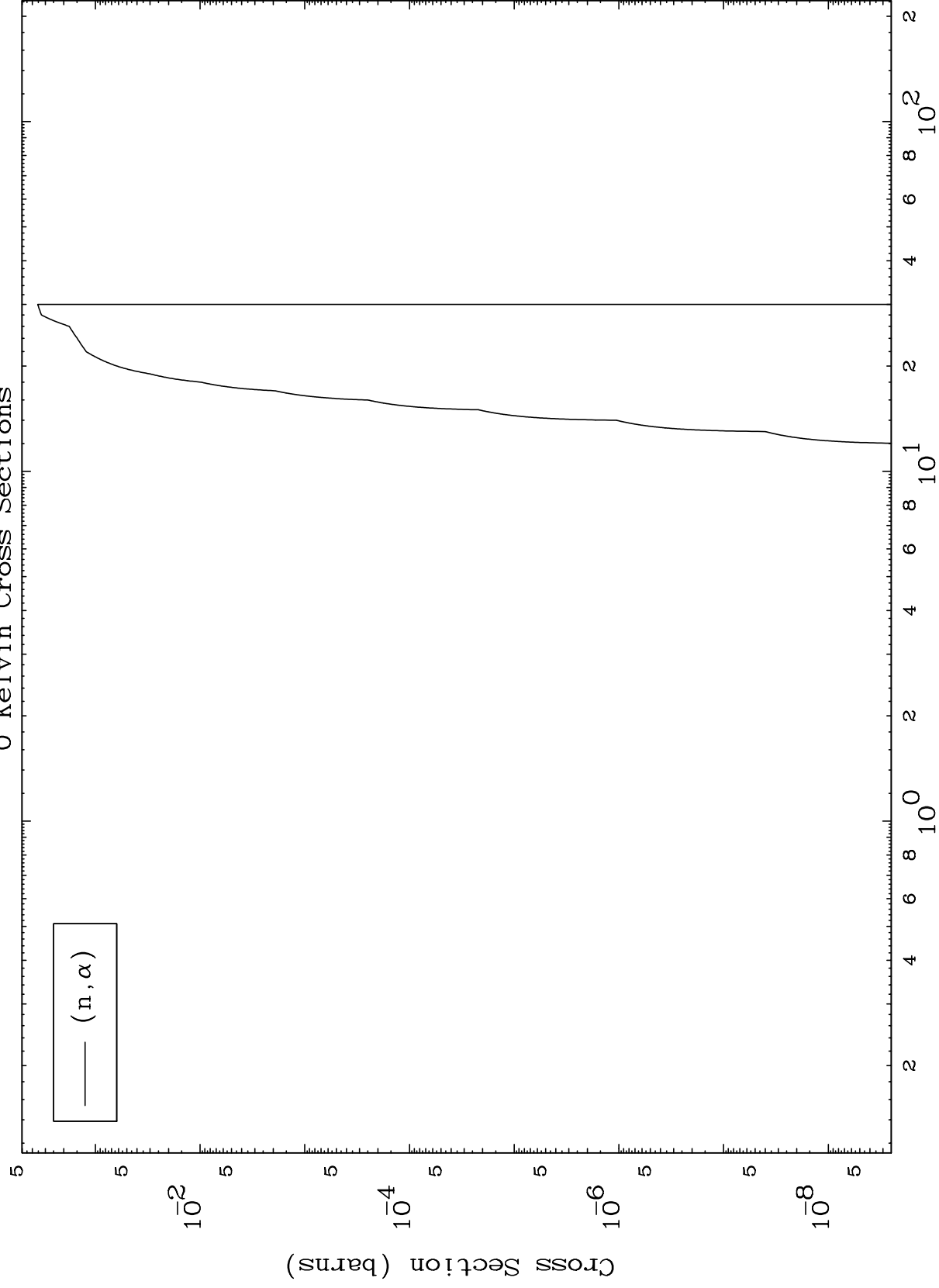


MAT 7052

(α, α) Levels

70-Yb-177

0 Kelvin Cross Sections



10

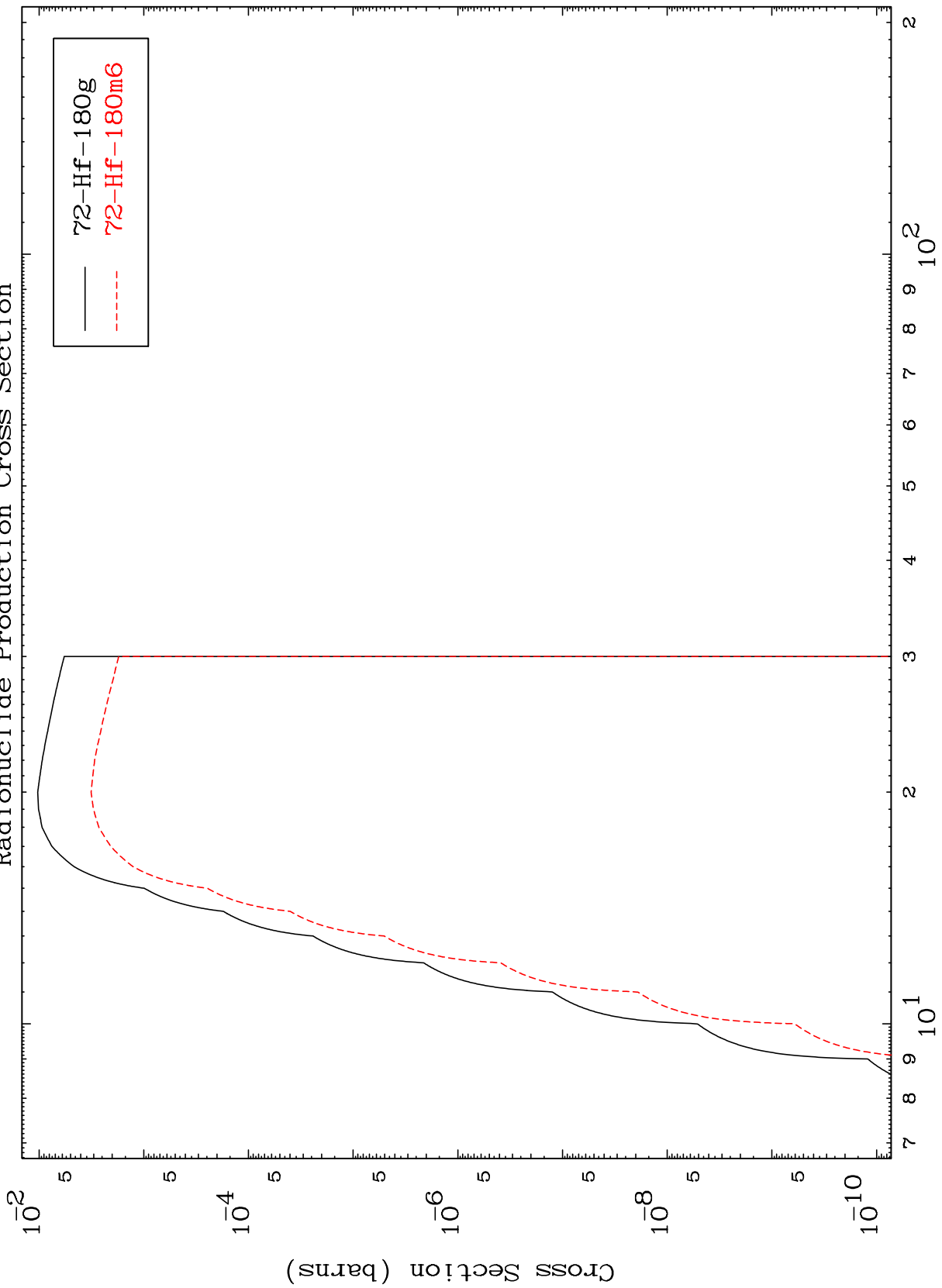
Incident Energy (MeV)

70-Yb-177

MAT 7052

70-Yb-177

Inelastic
Radionuclide Production Cross Section



11

Incident Energy (MeV)

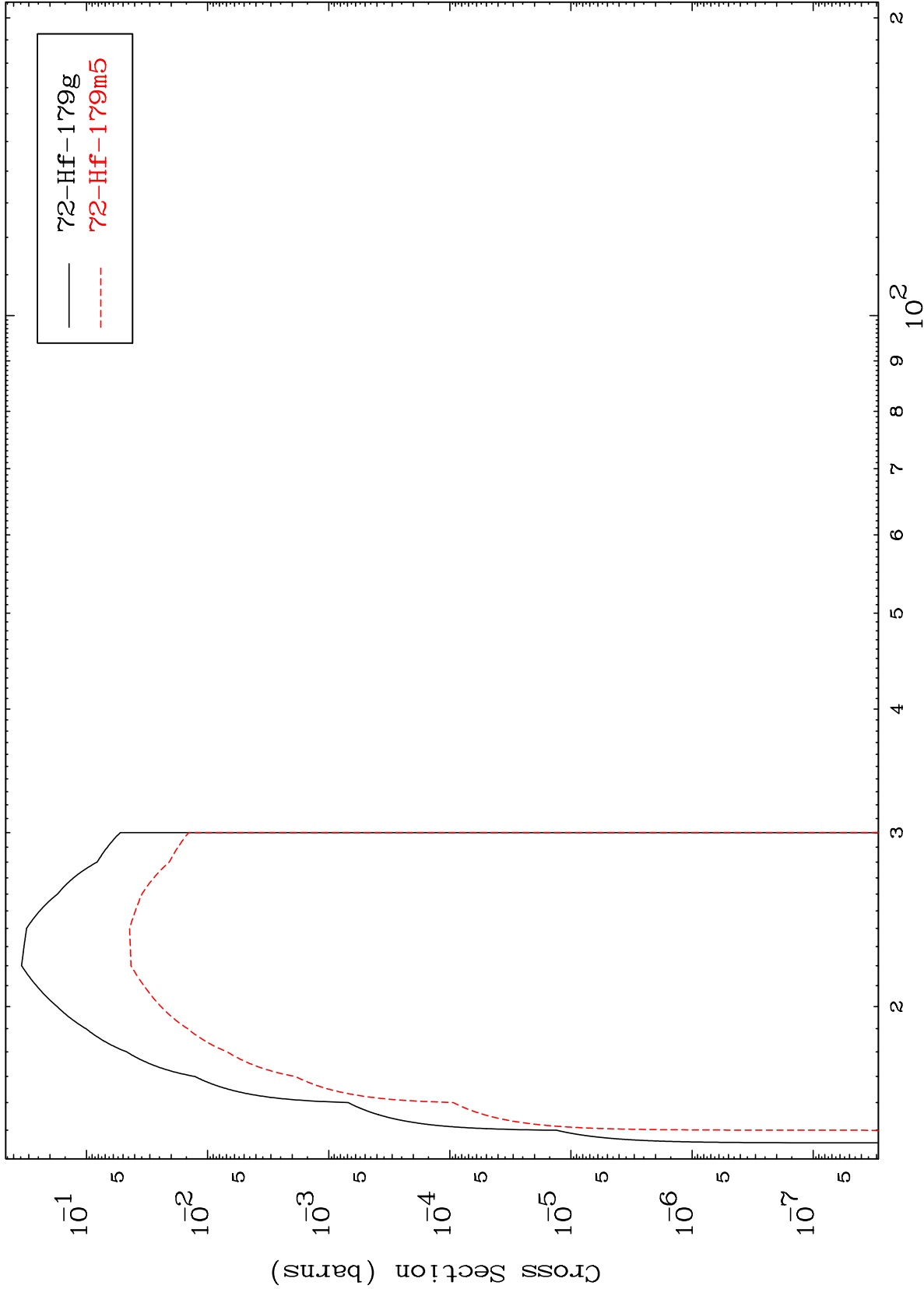
70-Yb-177

MAT 7052

(n,2n)

70-Yb-177

Radionuclide Production Cross Section



12

Incident Energy (MeV)

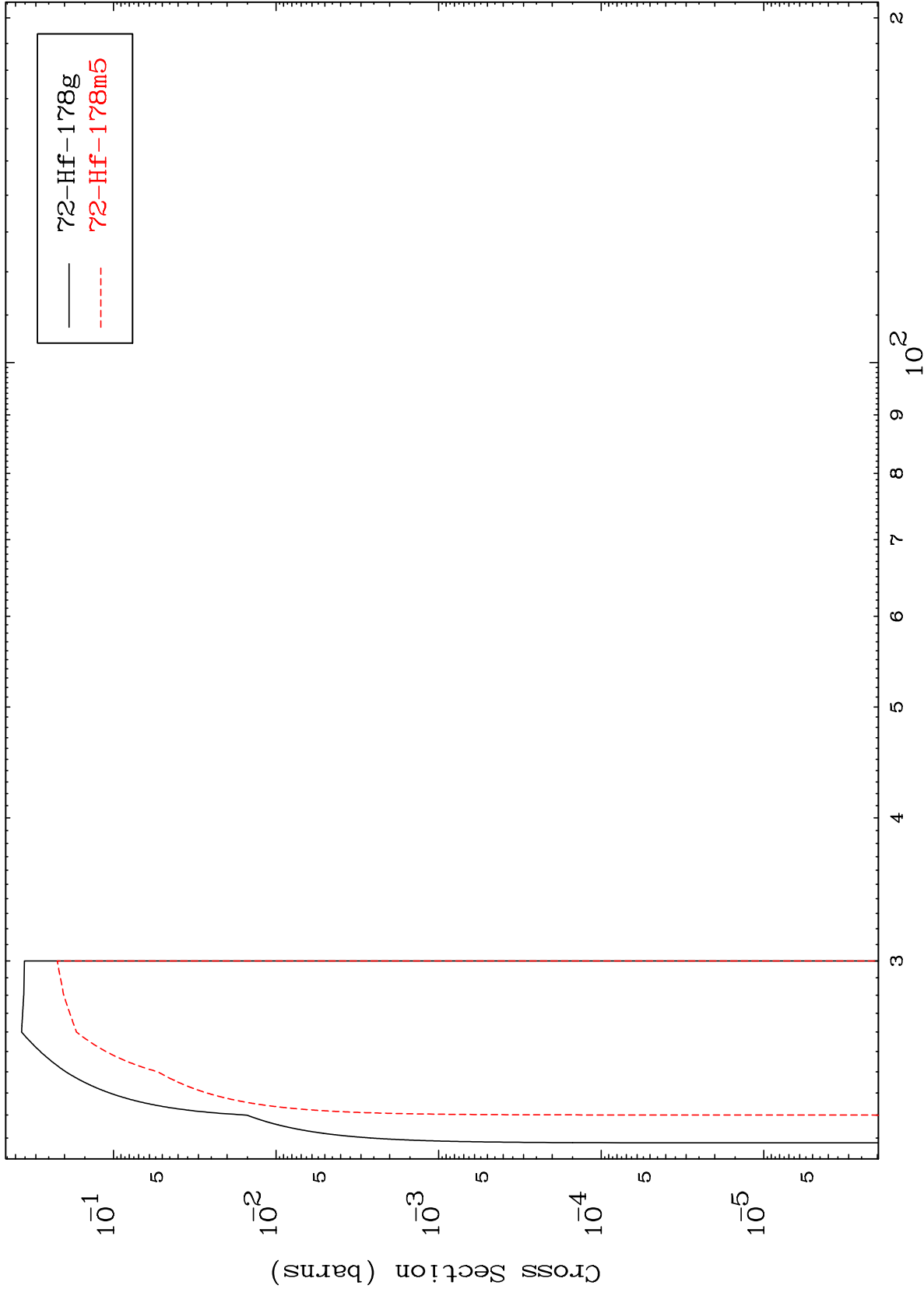
70-Yb-177

MAT 7052

(n,3n)

70-Yb-177

Radionuclide Production Cross Section



72-Hf-178g
72-Hf-178m5

Incident Energy (MeV)

70-Yb-177

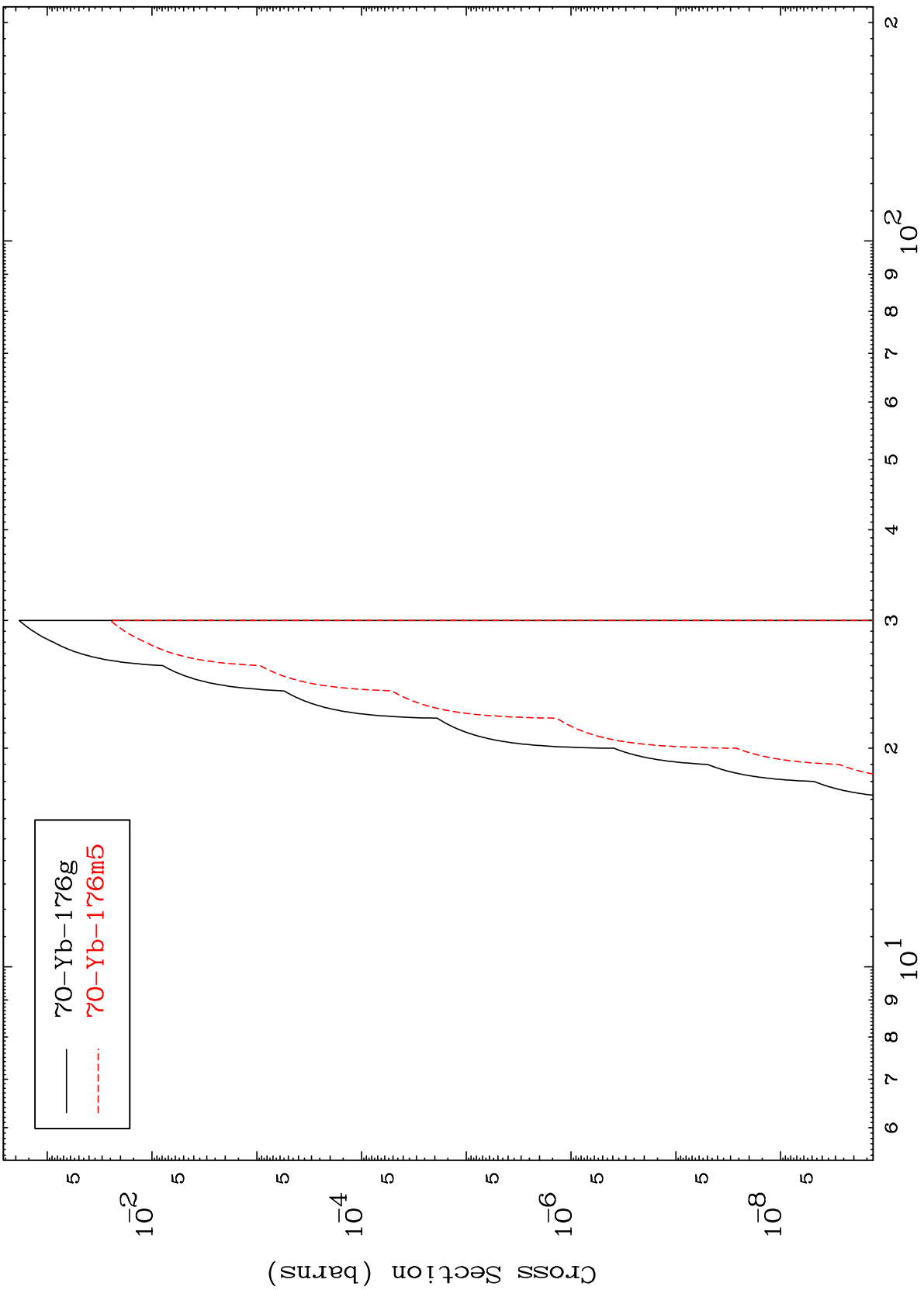
13

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$(n, n') \alpha$

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

Radionuclide Production Cross Section



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

14

Incident Energy (MeV)

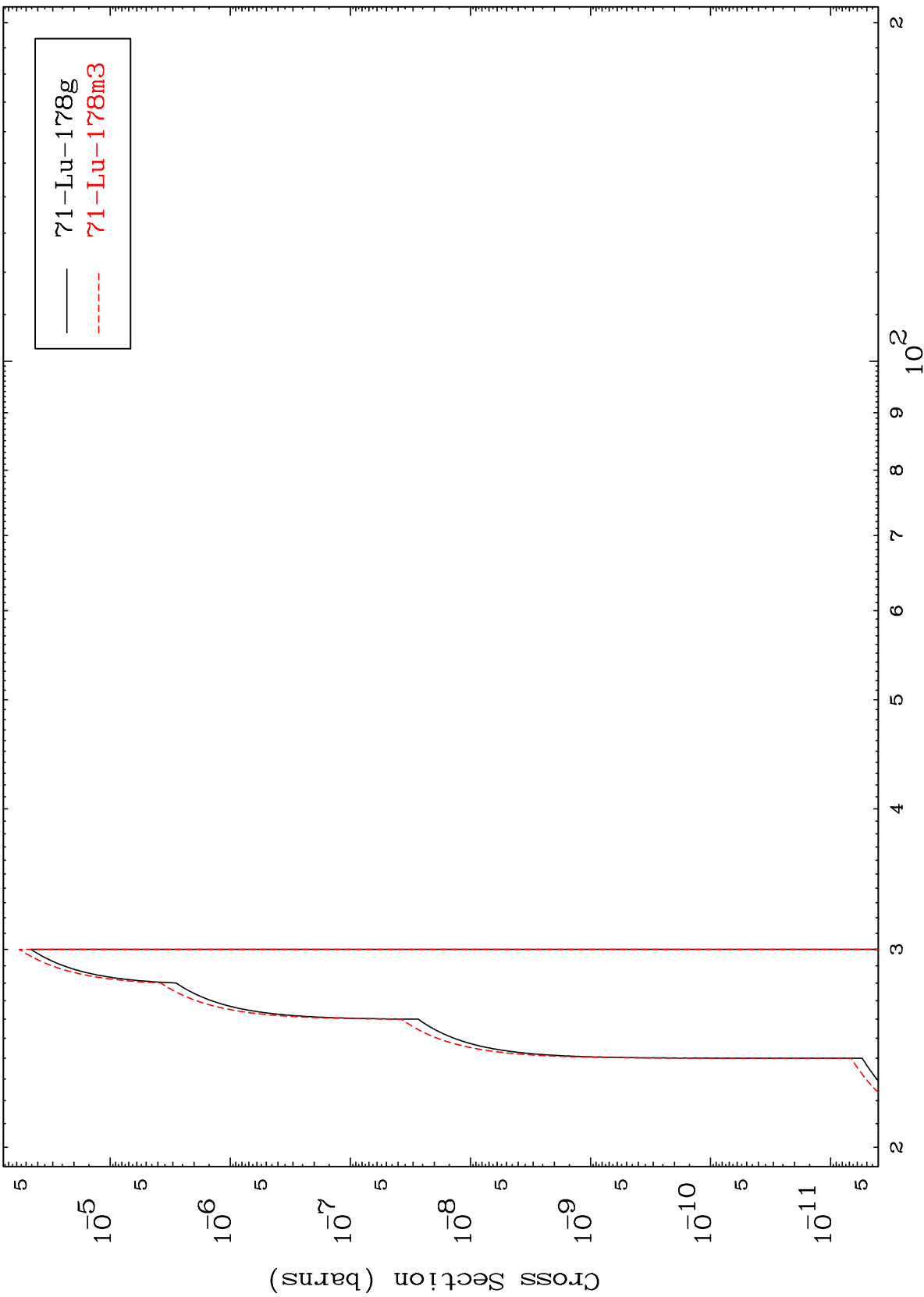
$^{70}\text{Yb-177}$

MAT 7052

(n,n') d

70-Yb-177

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

15

Incident Energy (MeV)

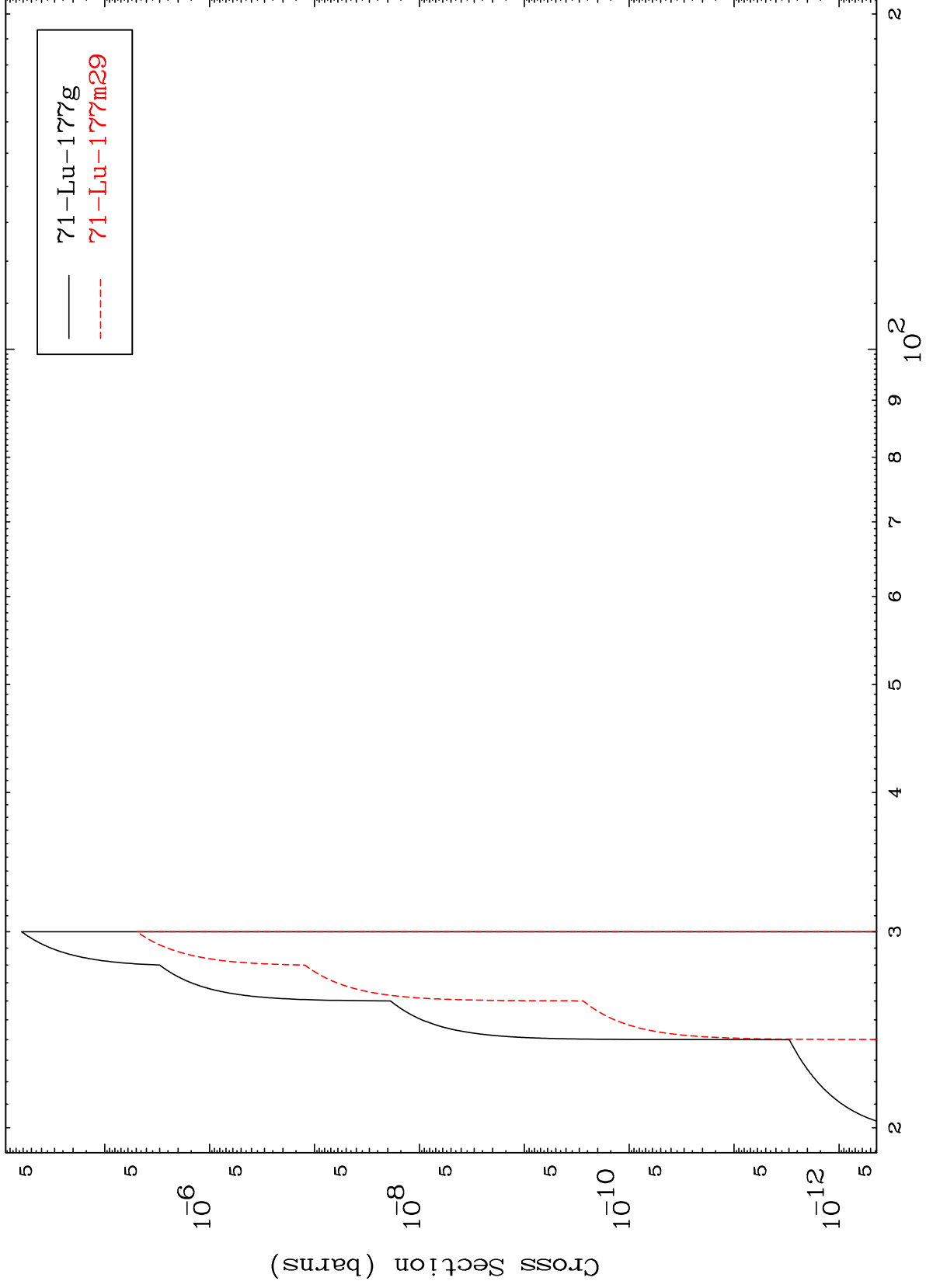
70-Yb-177

MAT 7052

(n,n') t

70-Yb-177

Radionuclide Production Cross Section

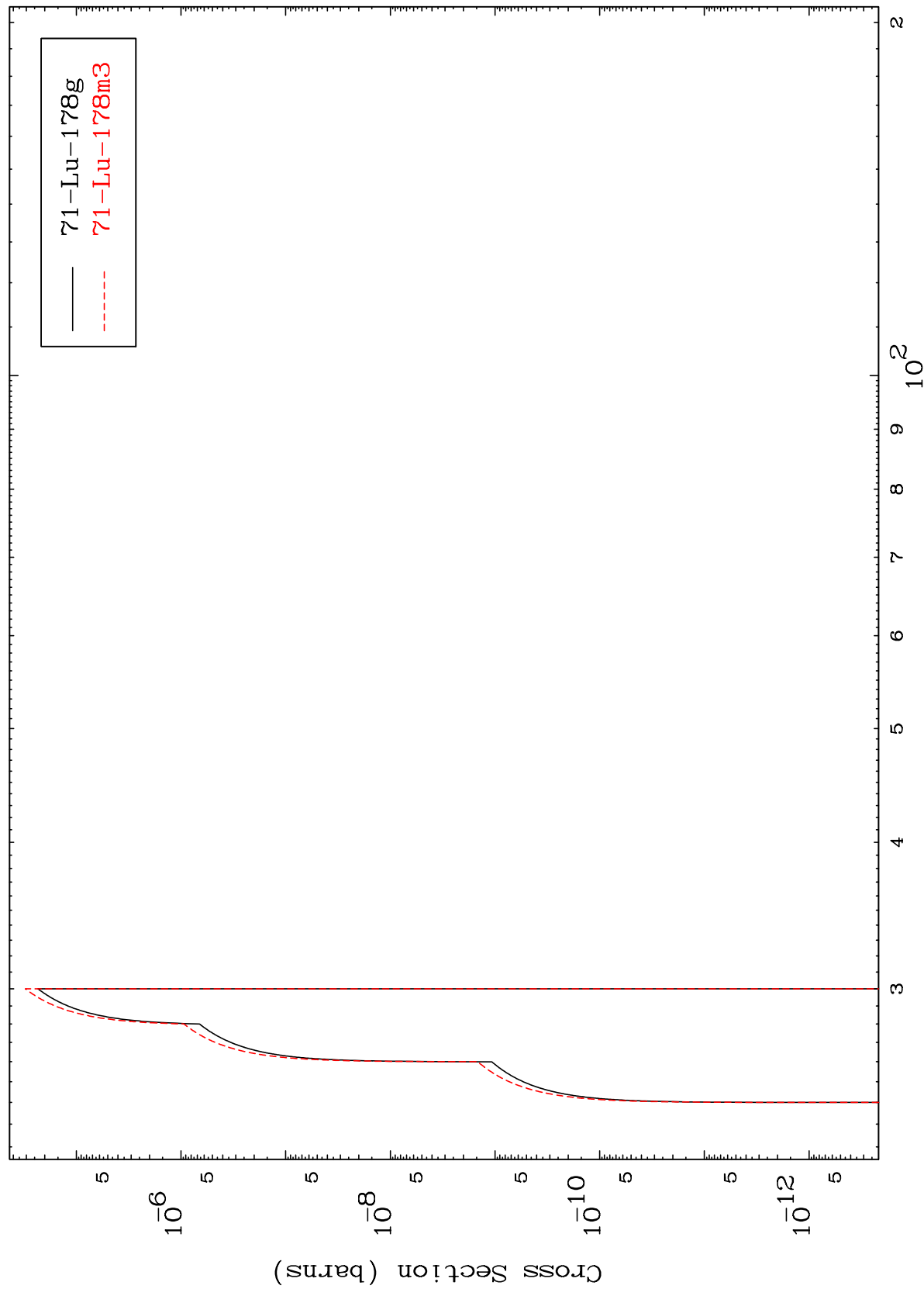


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Incident Energy (MeV)

70-Yb-177

Radionuclide Production Cross Section

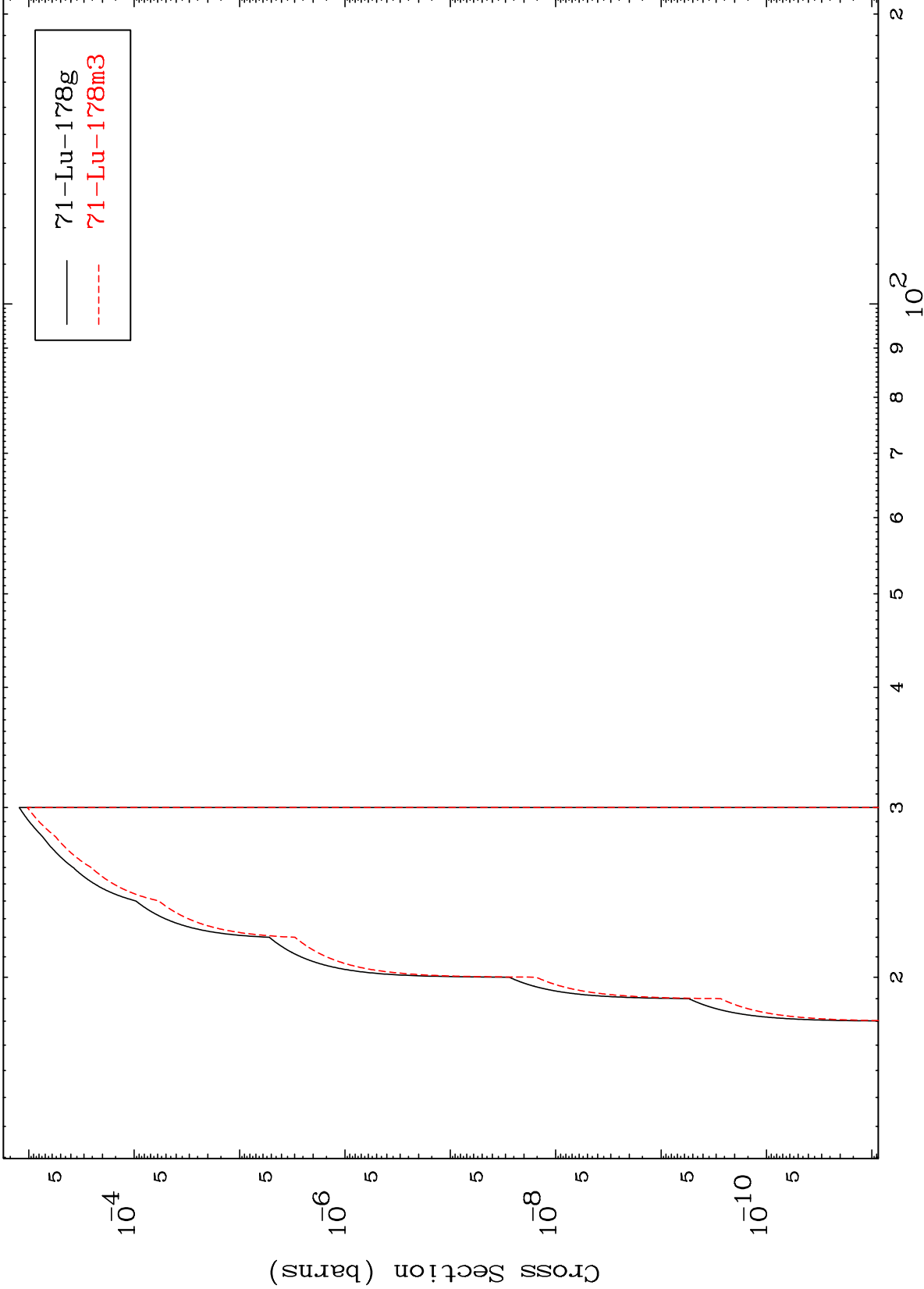


MAT 7052

(n,t)

70-Yb-177

Radionuclide Production Cross Section



18

Incident Energy (MeV)

70-Yb-177

MAT 7052

(n, α)

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

Radionuclide Production Cross Section

