

Program EVALPLOT
(Version 2021-1)

by

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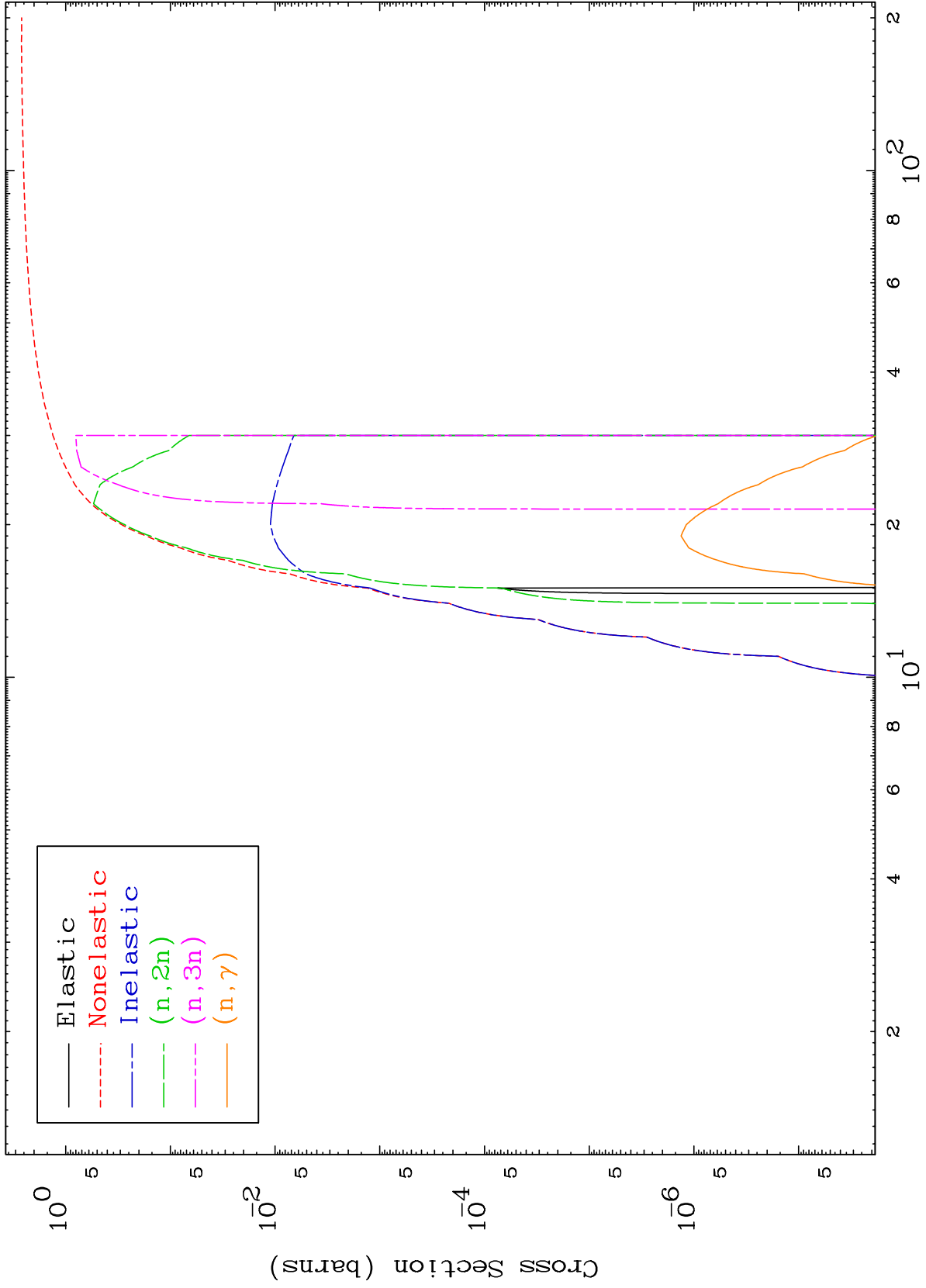
Press Mouse Button to Start

MAT 7055

0 Kelvin

Major Cross Sections

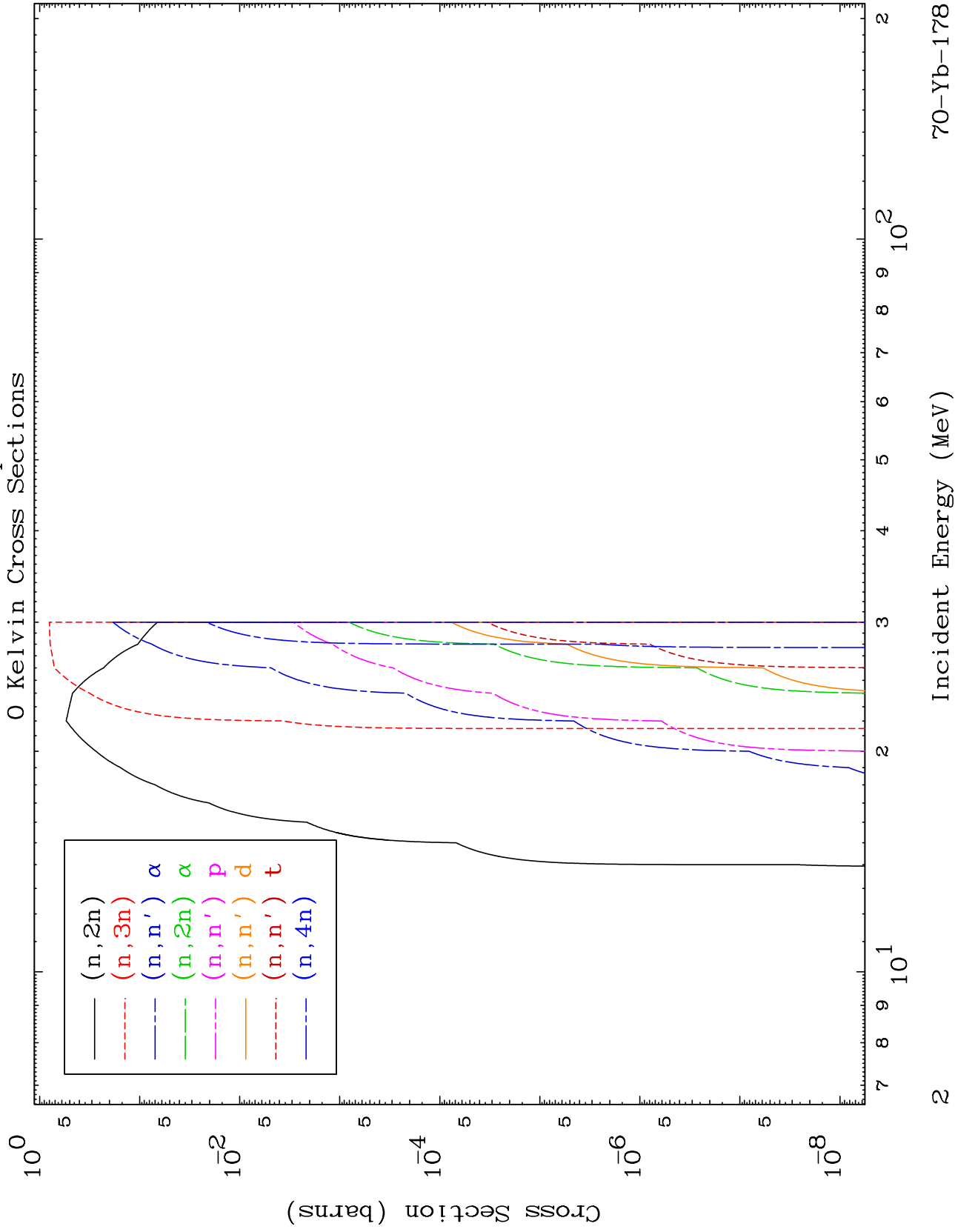
70-Yb-178



MAT 7055

α Neutron Absorption
0 Kelvin Cross Sections

70-Yb-178

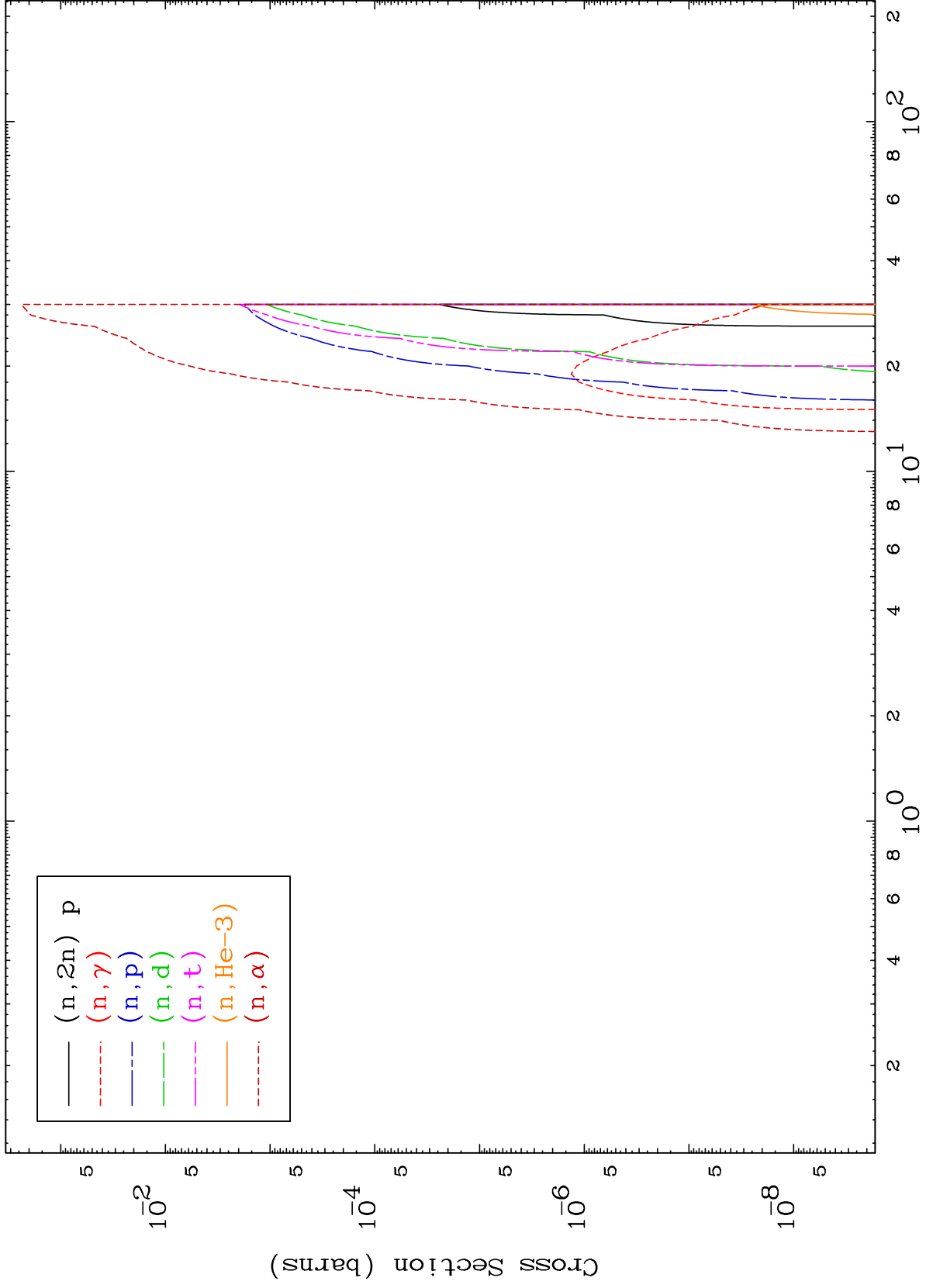


2

MAT 7055

α Neutron Absorption
0 Kelvin Cross Sections

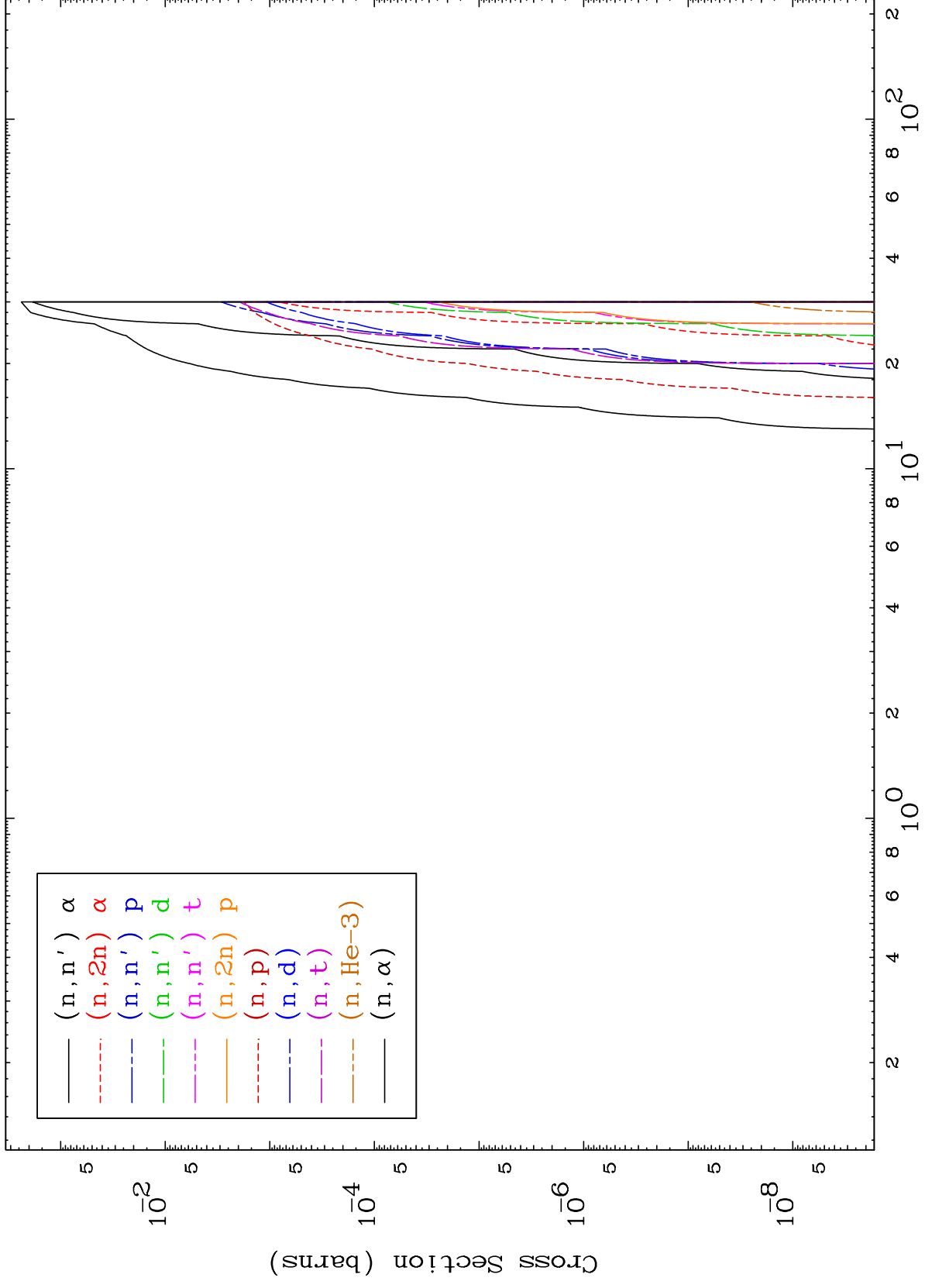
70-Yb-178



MAT 70555

α Charged Particle
0 Kelvin Cross Sections

70-Yb-178

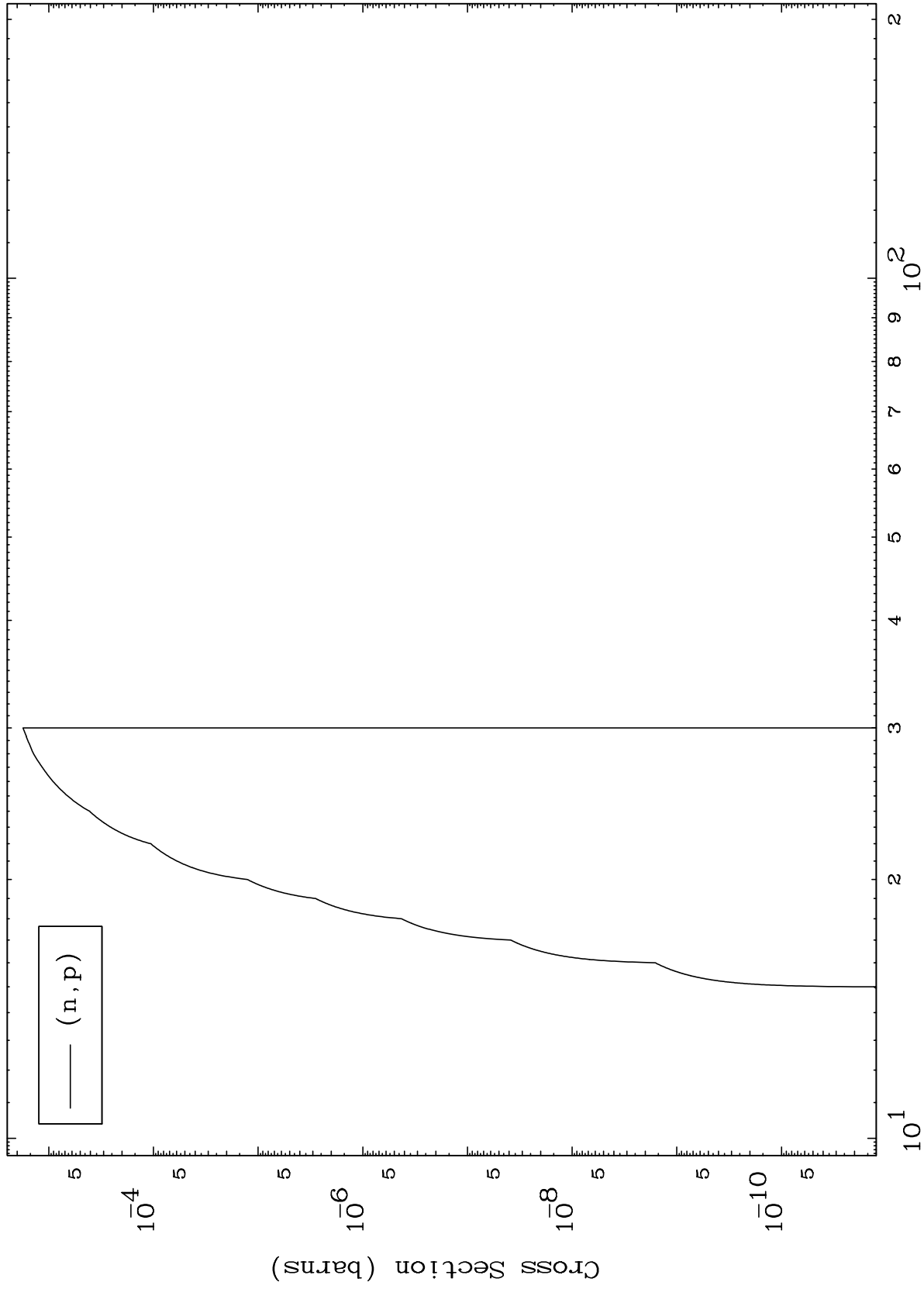


MAT 7055

(α, p) Levels

70-Yb-178

0 Kelvin Cross Sections



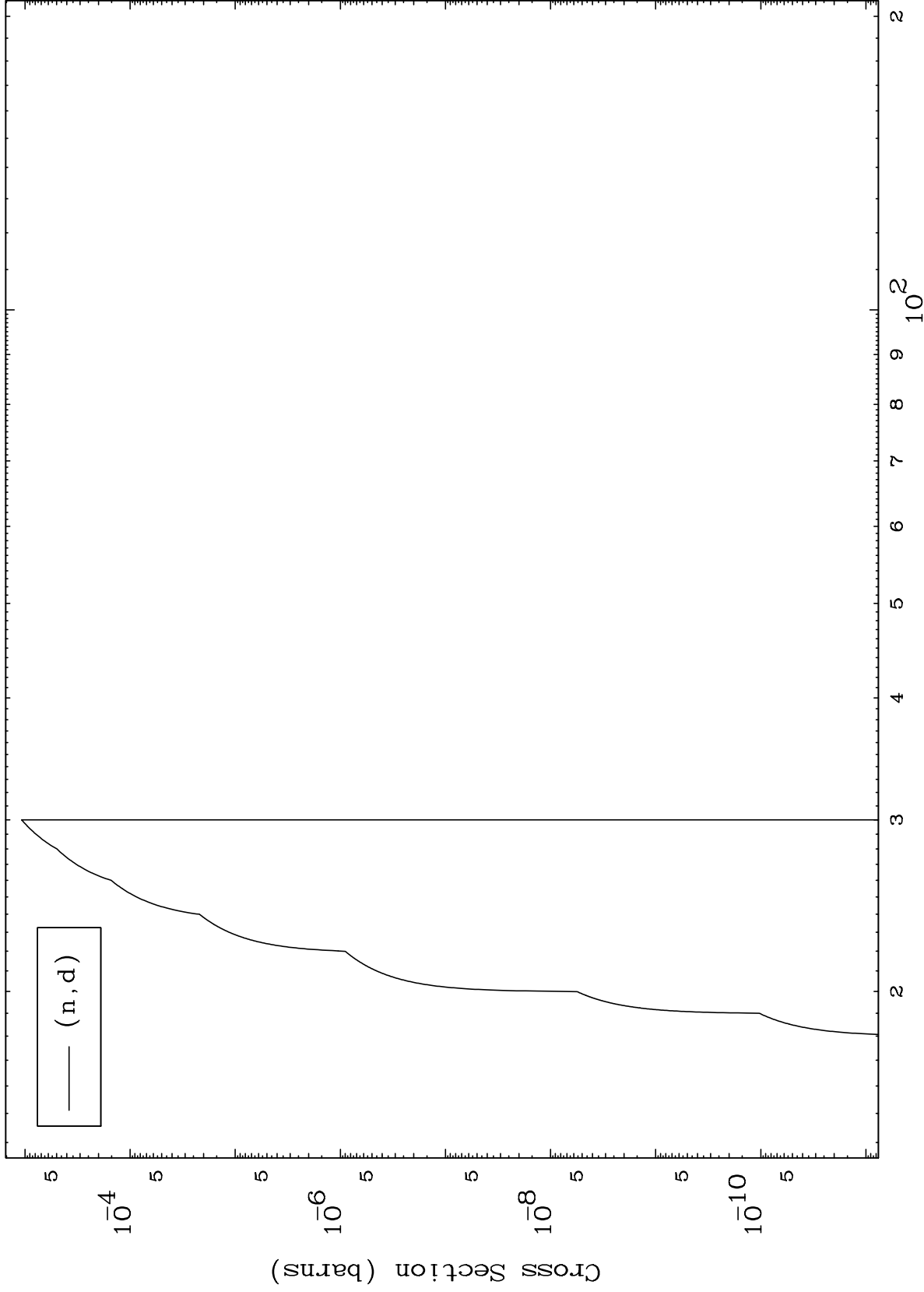
Incident Energy (MeV)

70-Yb-178

MAT 7055

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-178



6

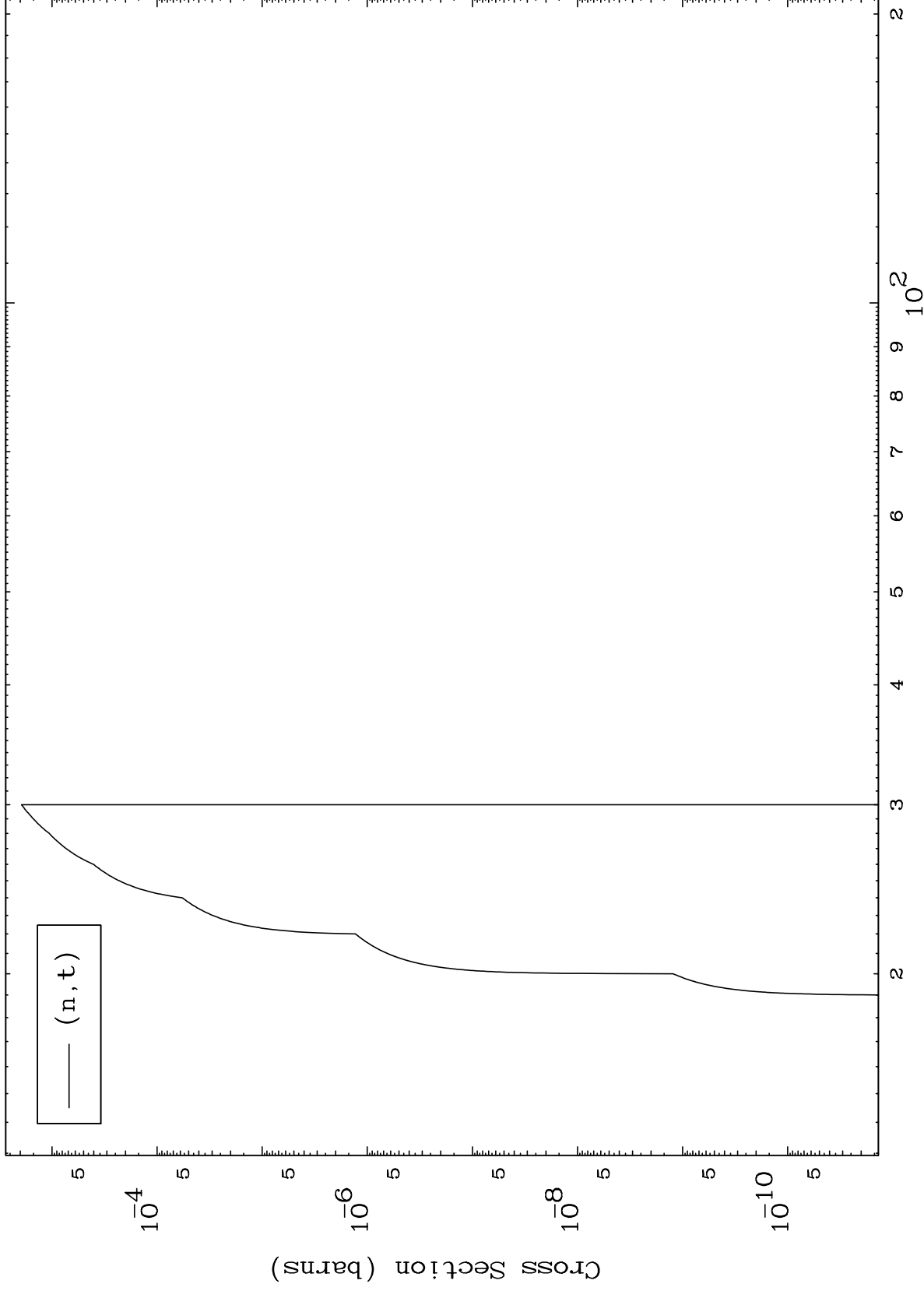
Incident Energy (MeV)

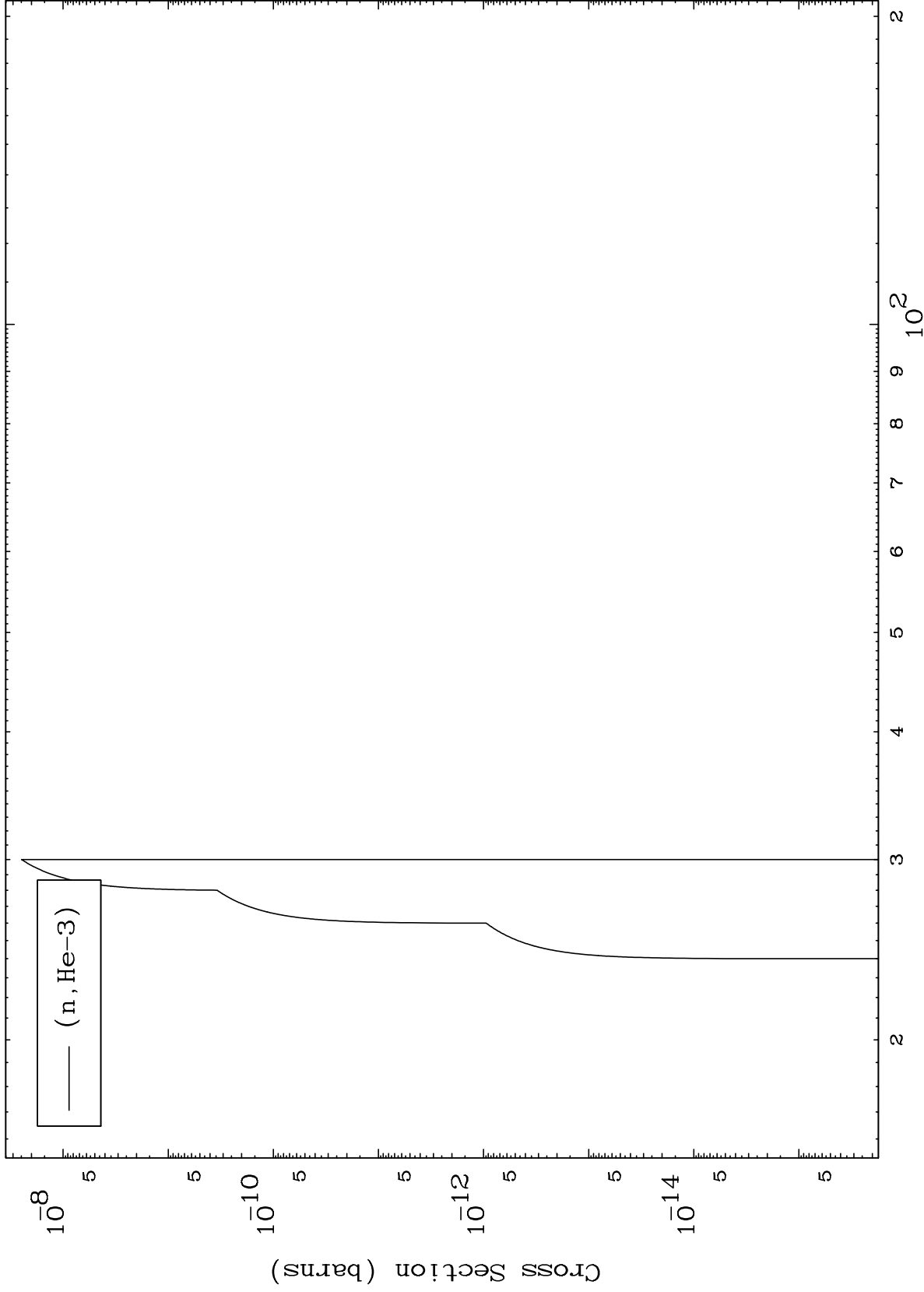
70-Yb-178

MAT 7055

(α, t) Levels
0 Kelvin Cross Sections

70-Yb-178



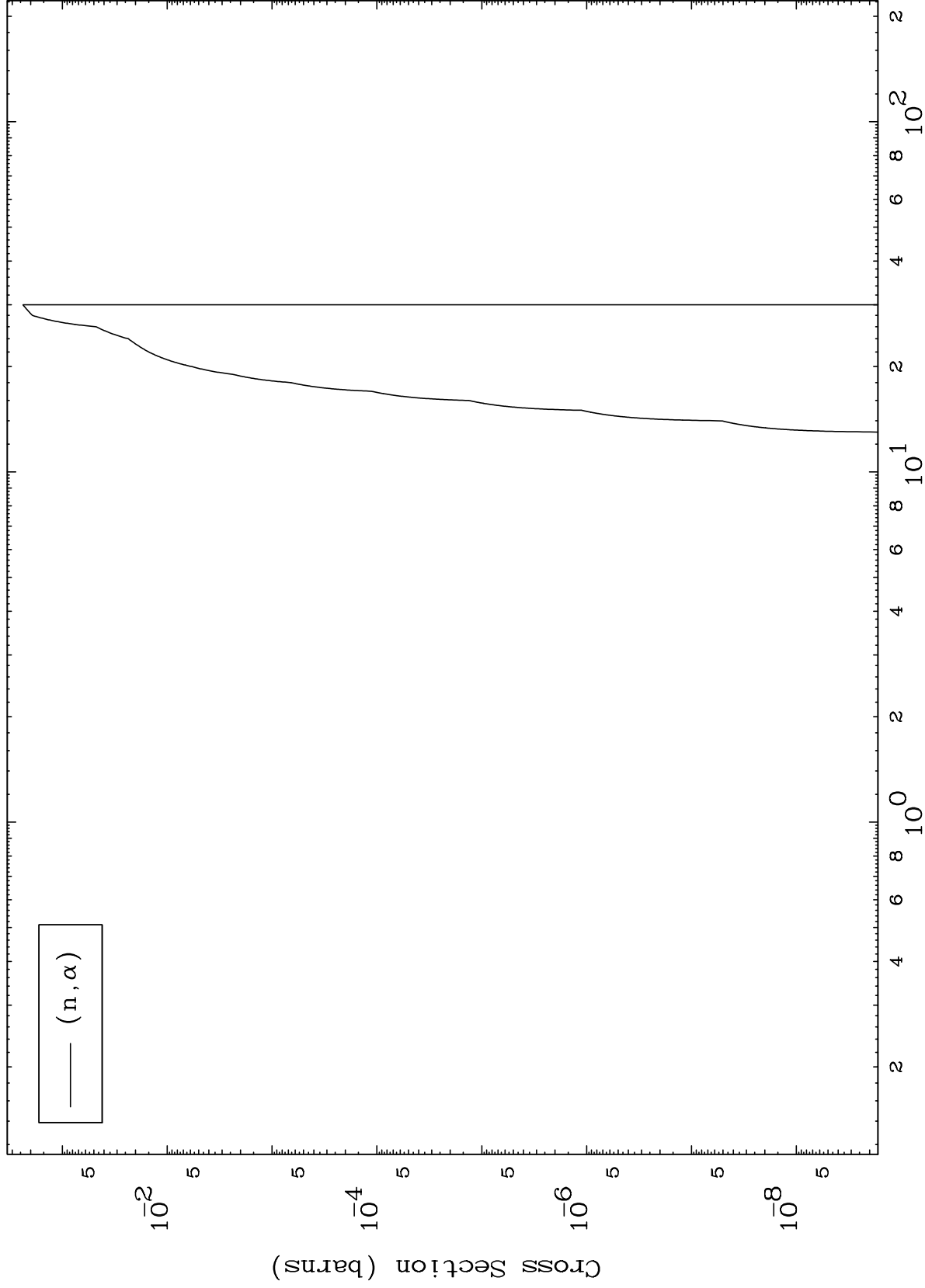


MAT 7055

(α, α) Levels

70-Yb-178

0 Kelvin Cross Sections

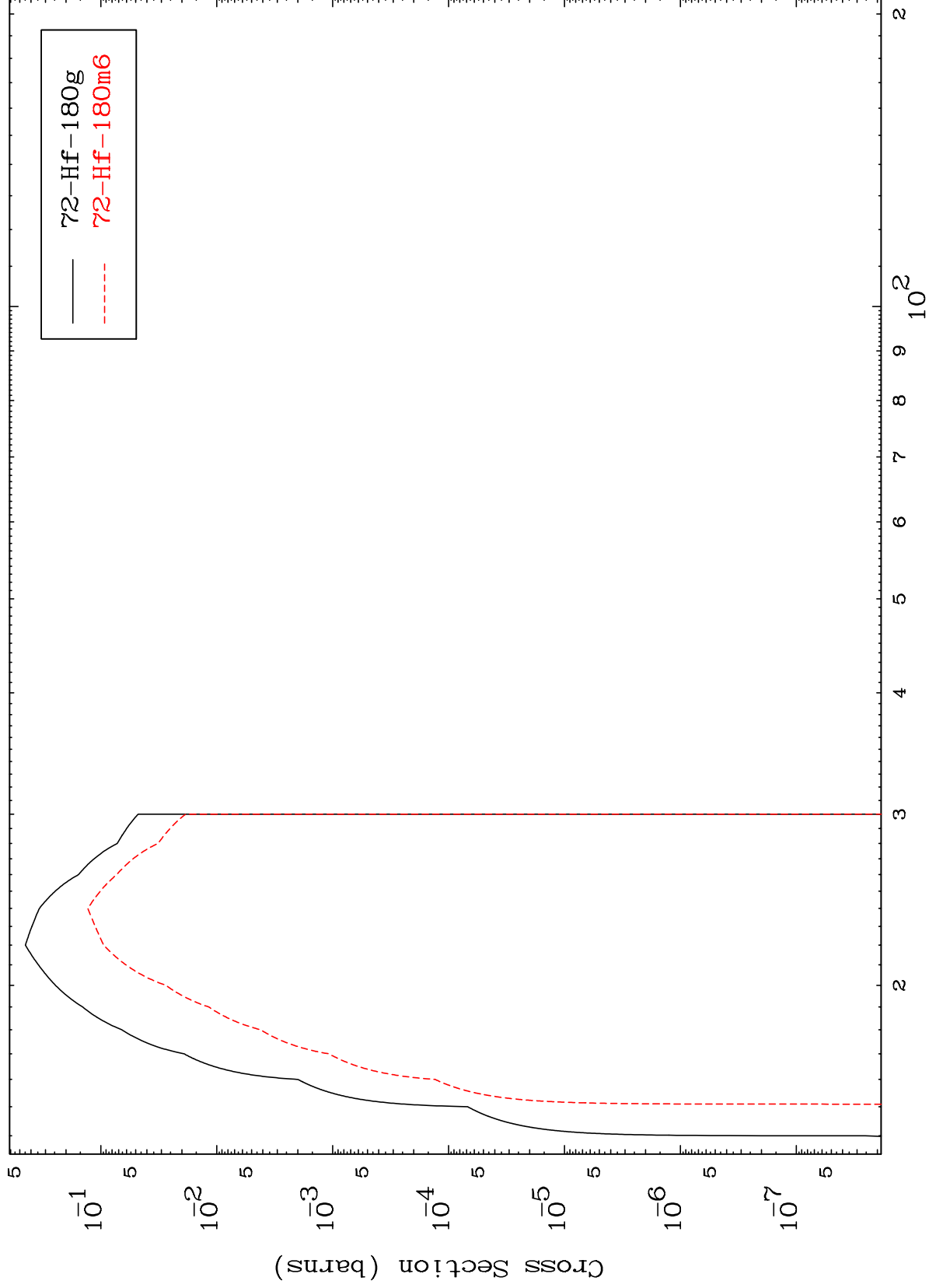


MAT 7055

(n,2n)

70-Yb-178

Radionuclide Production Cross Section



10

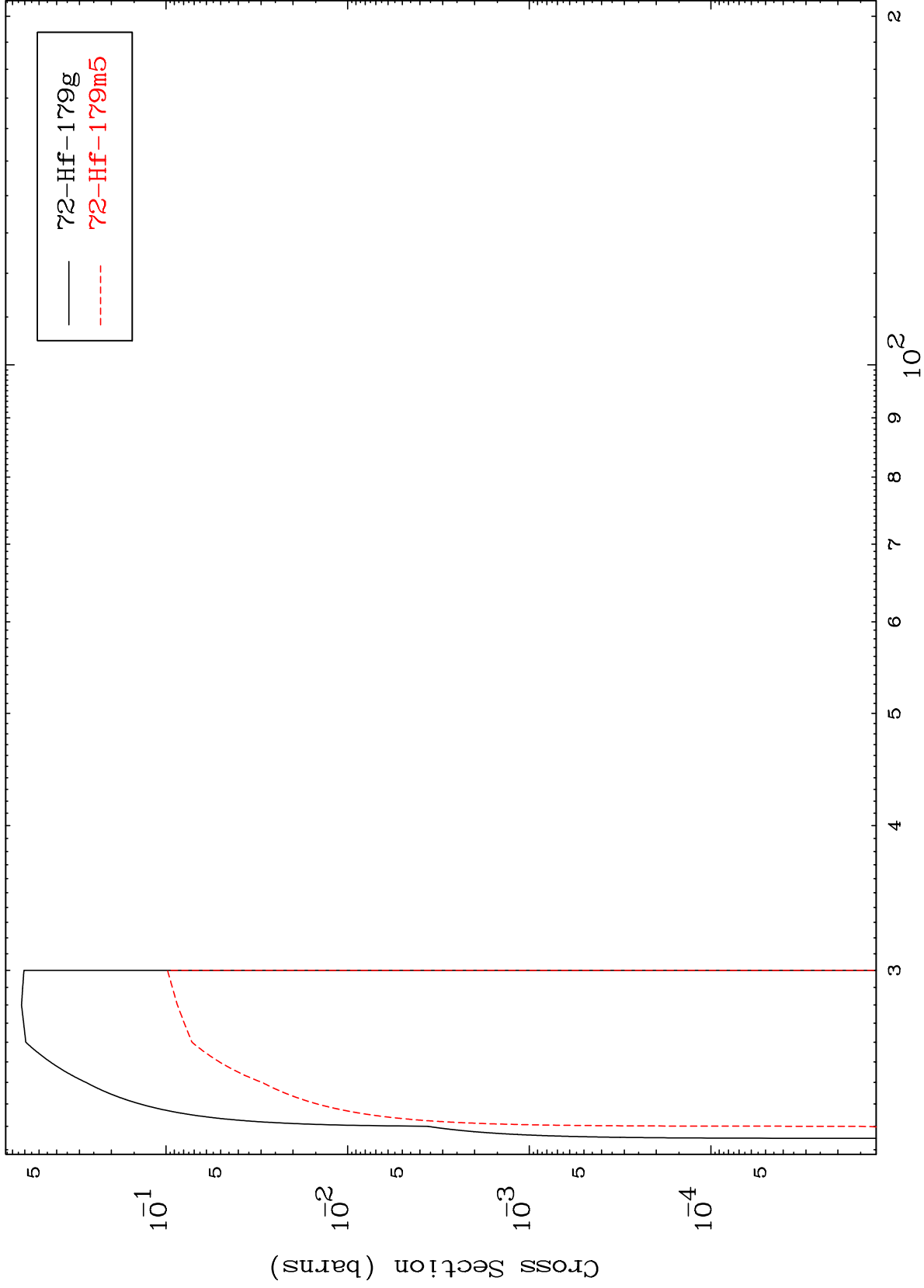
Incident Energy (MeV)

70-Yb-178

MAT 7055

70-Yb-178

(n,3n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

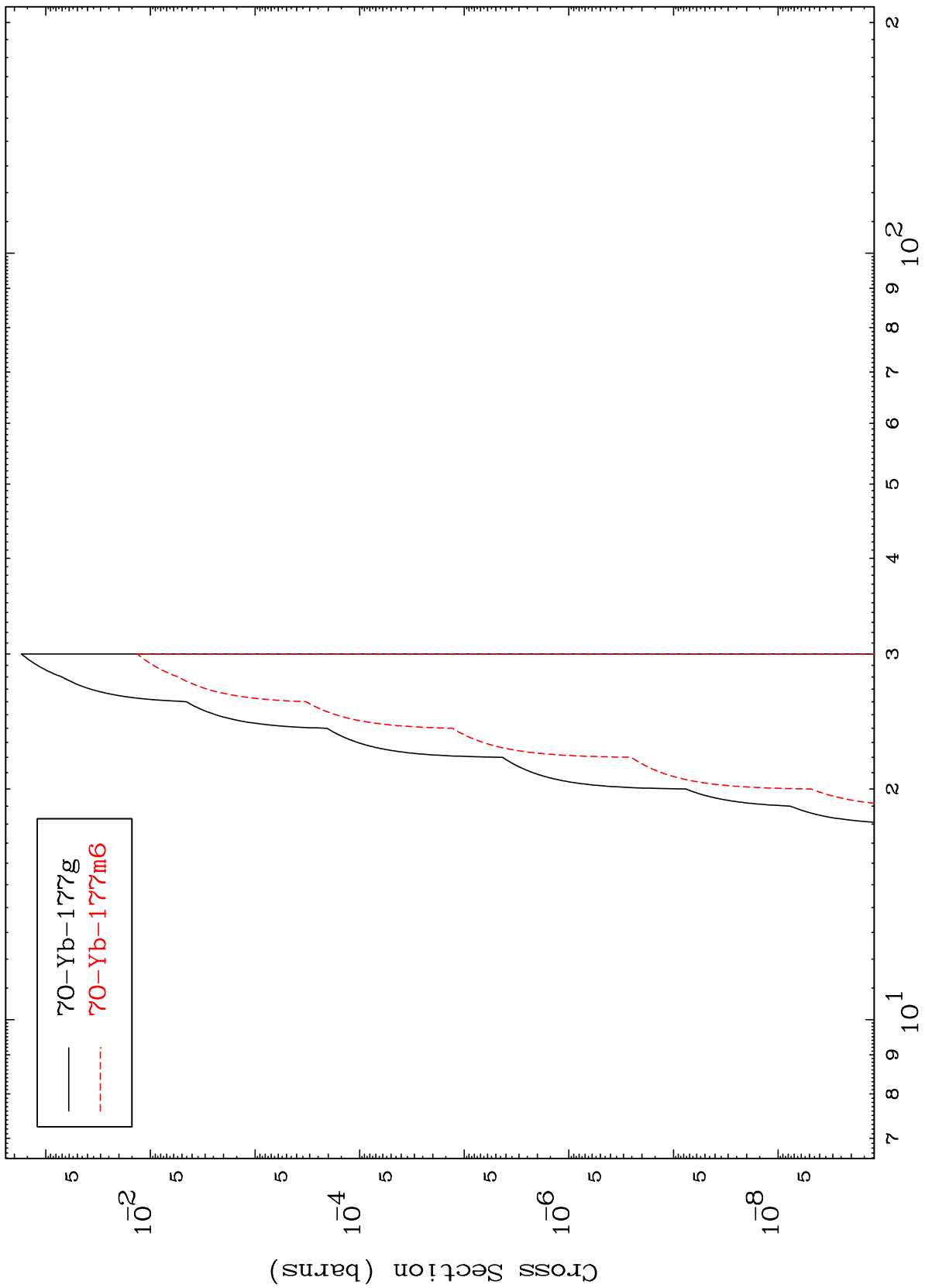
70-Yb-178

MAT 7055

$(n, n') \alpha$

$^{70}\text{Yb-178}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

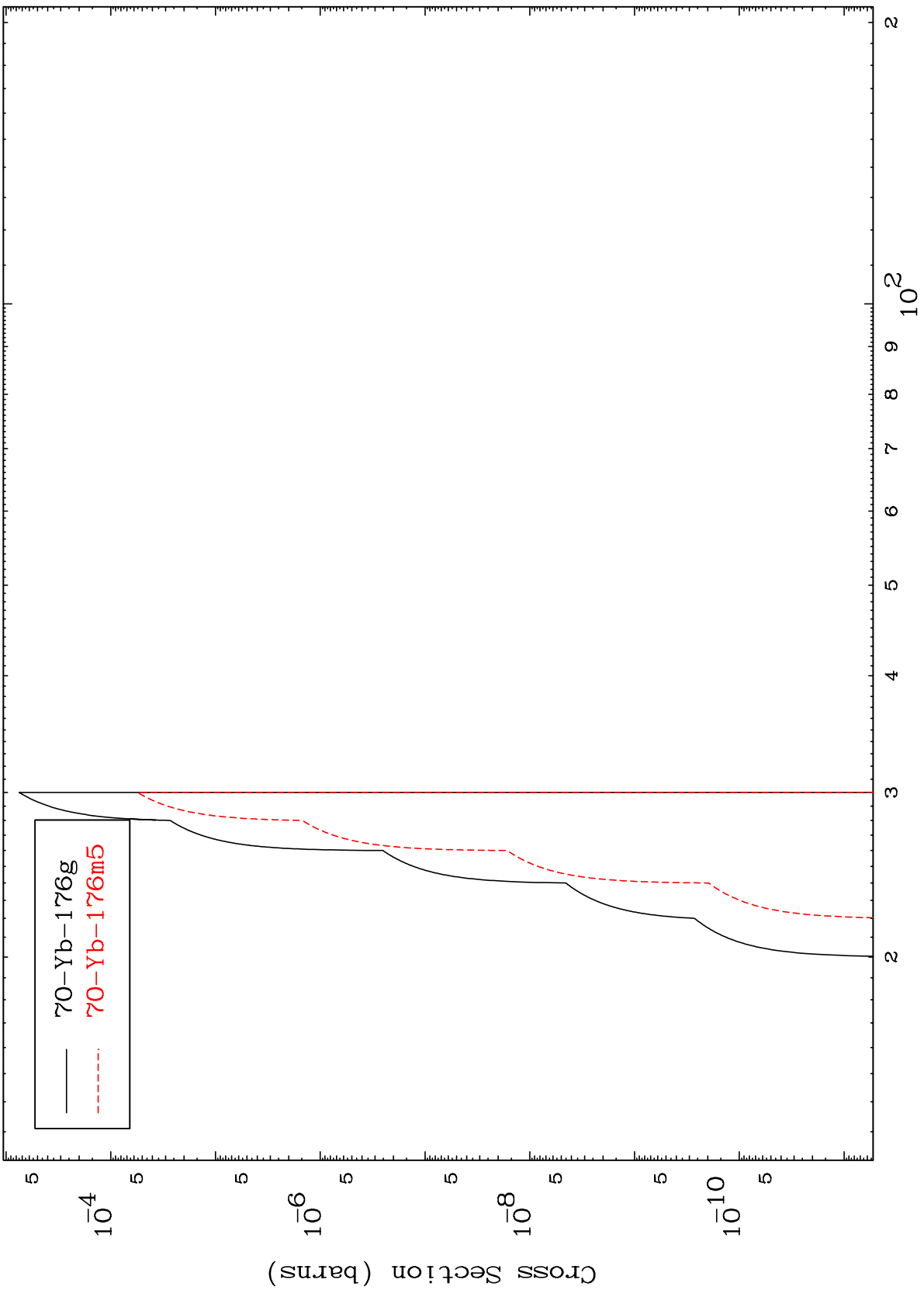
$^{70}\text{Yb-178}$

MAT 7055

(n,2n) α

⁷⁰Yb-178

Radionuclide Production Cross Section

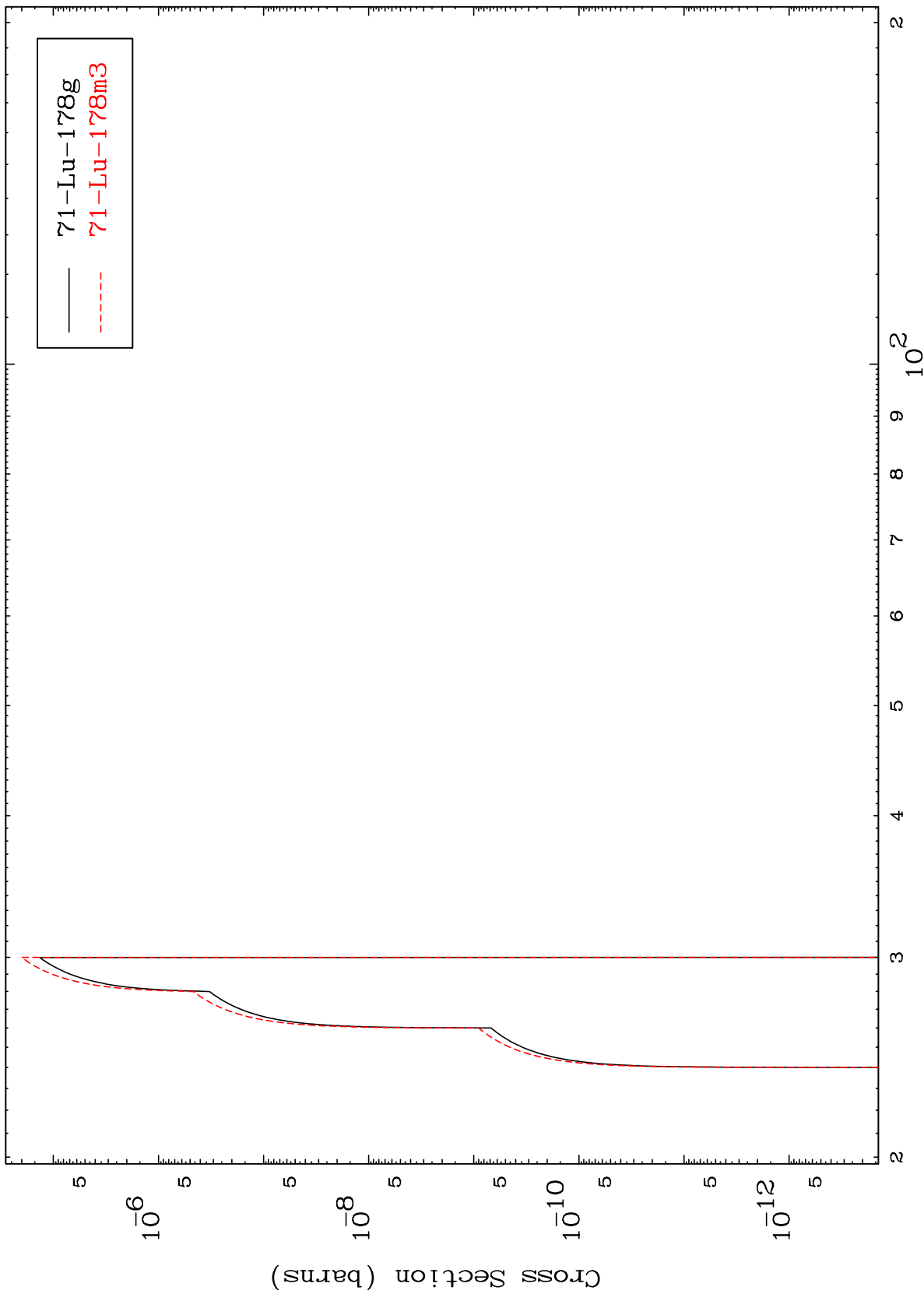


MAT 7055

(n,n') t

70-Yb-178

Radionuclide Production Cross Section



14

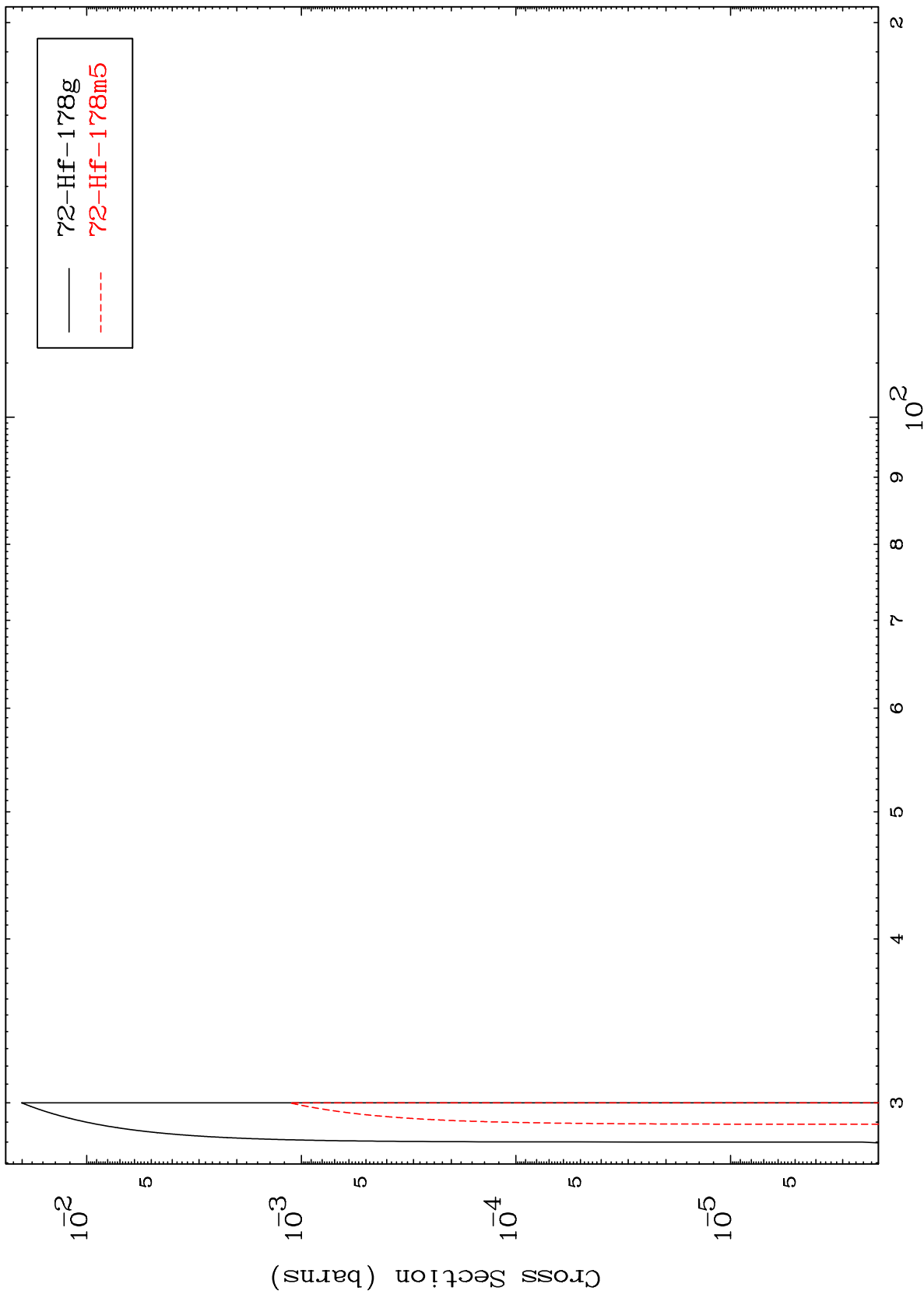
Incident Energy (MeV)

70-Yb-178

MAT 7055

70-Yb-178

(n,4n)
Radionuclide Production Cross Section



70-Yb-178

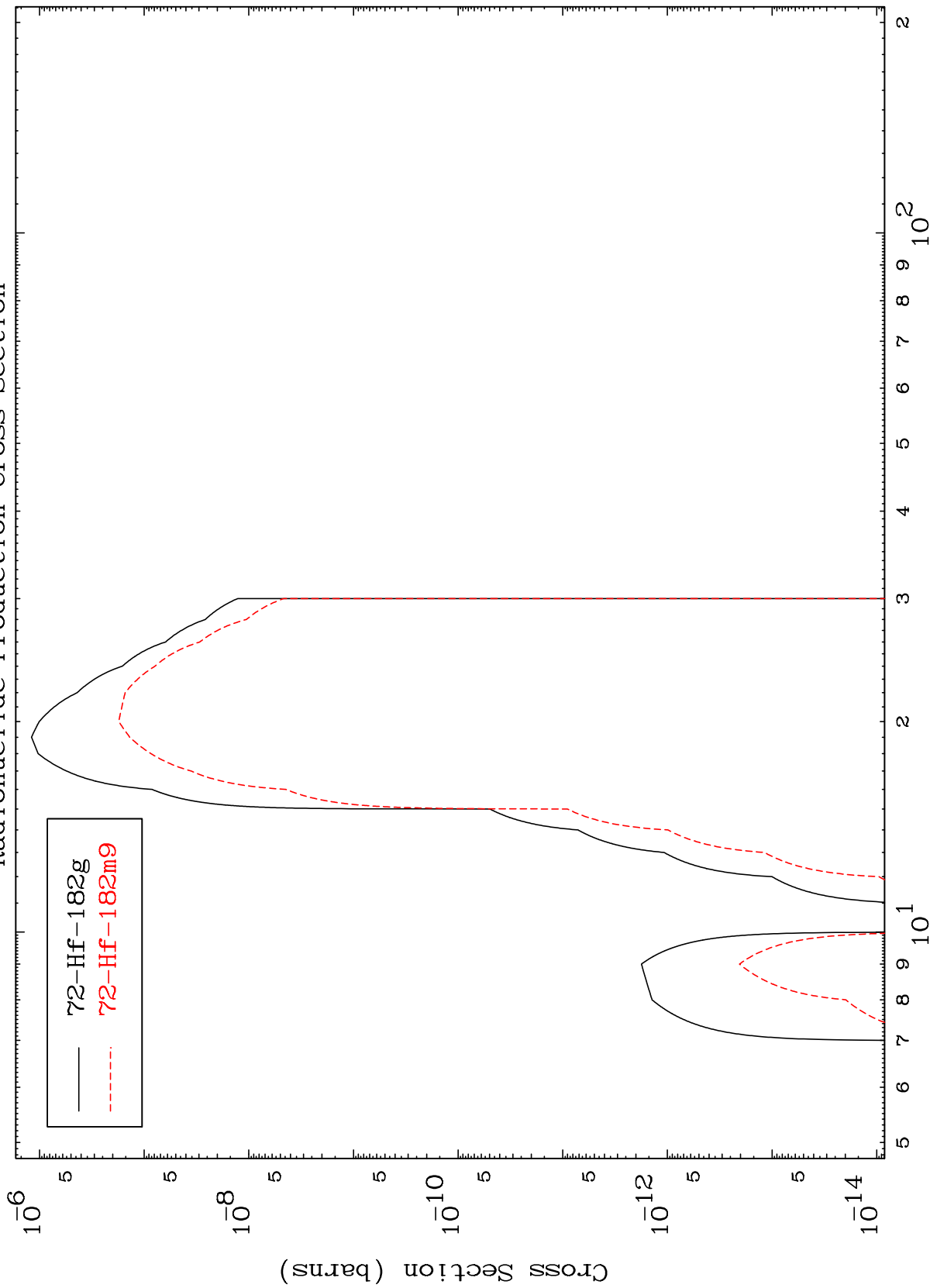
Incident Energy (MeV)

15

MAT 7055

70-Yb-178

Radionuclide Production Cross Section (n,γ)



70-Yb-178

Incident Energy (MeV)

16