

Program EVALPLOT
(Version 2021-1)

by

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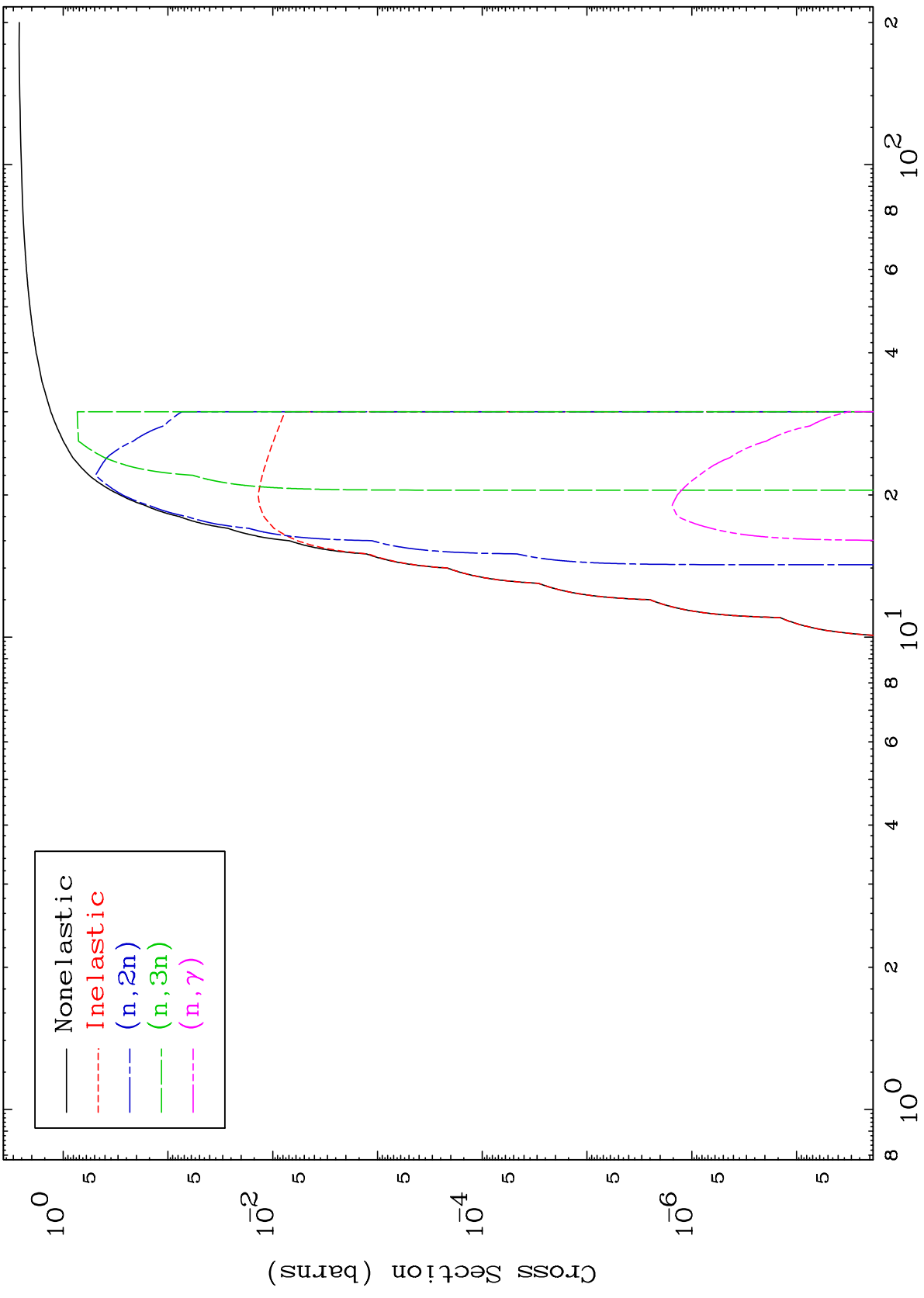
Press Mouse Button to Start

MAT 7053

α Major

70-Yb-177m

0 Kelvin Cross Sections



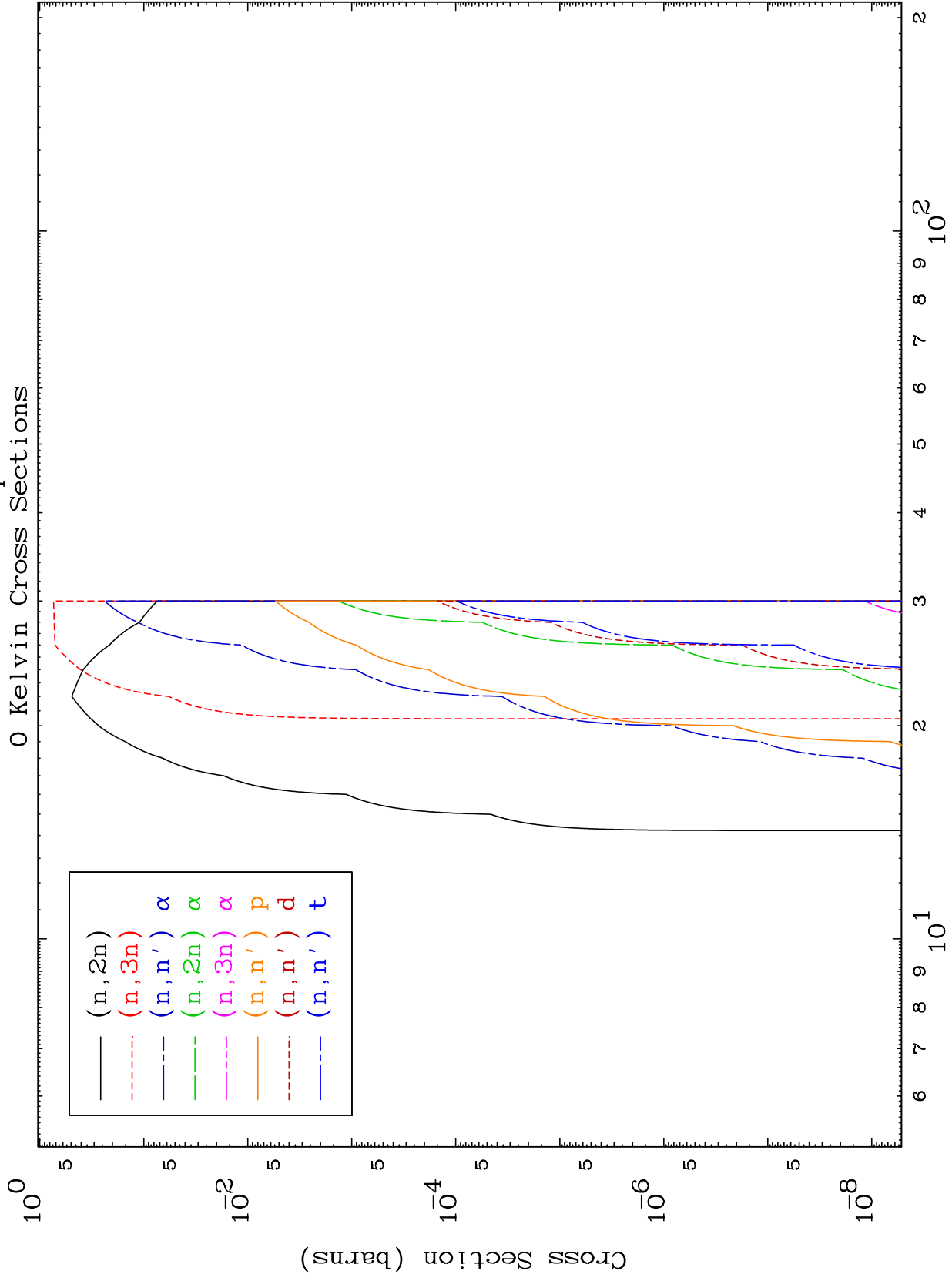
Incident Energy (MeV)

70-Yb-177m

MAT 7053

α Neutron Absorption
0 Kelvin Cross Sections

70-Yb-177m



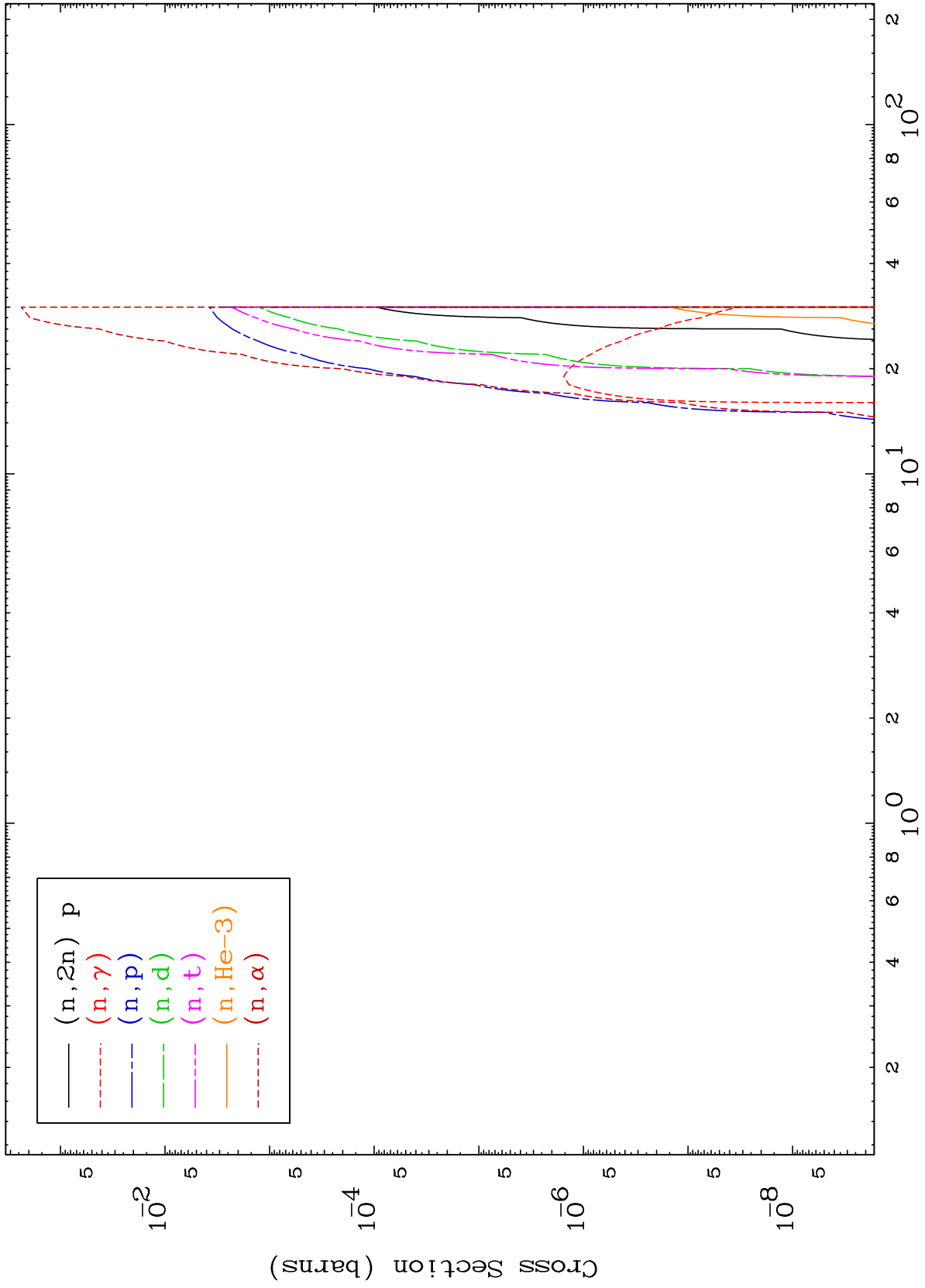
70-Yb-177m

Incident Energy (MeV)

MAT 7053

α Neutron Absorption
0 Kelvin Cross Sections

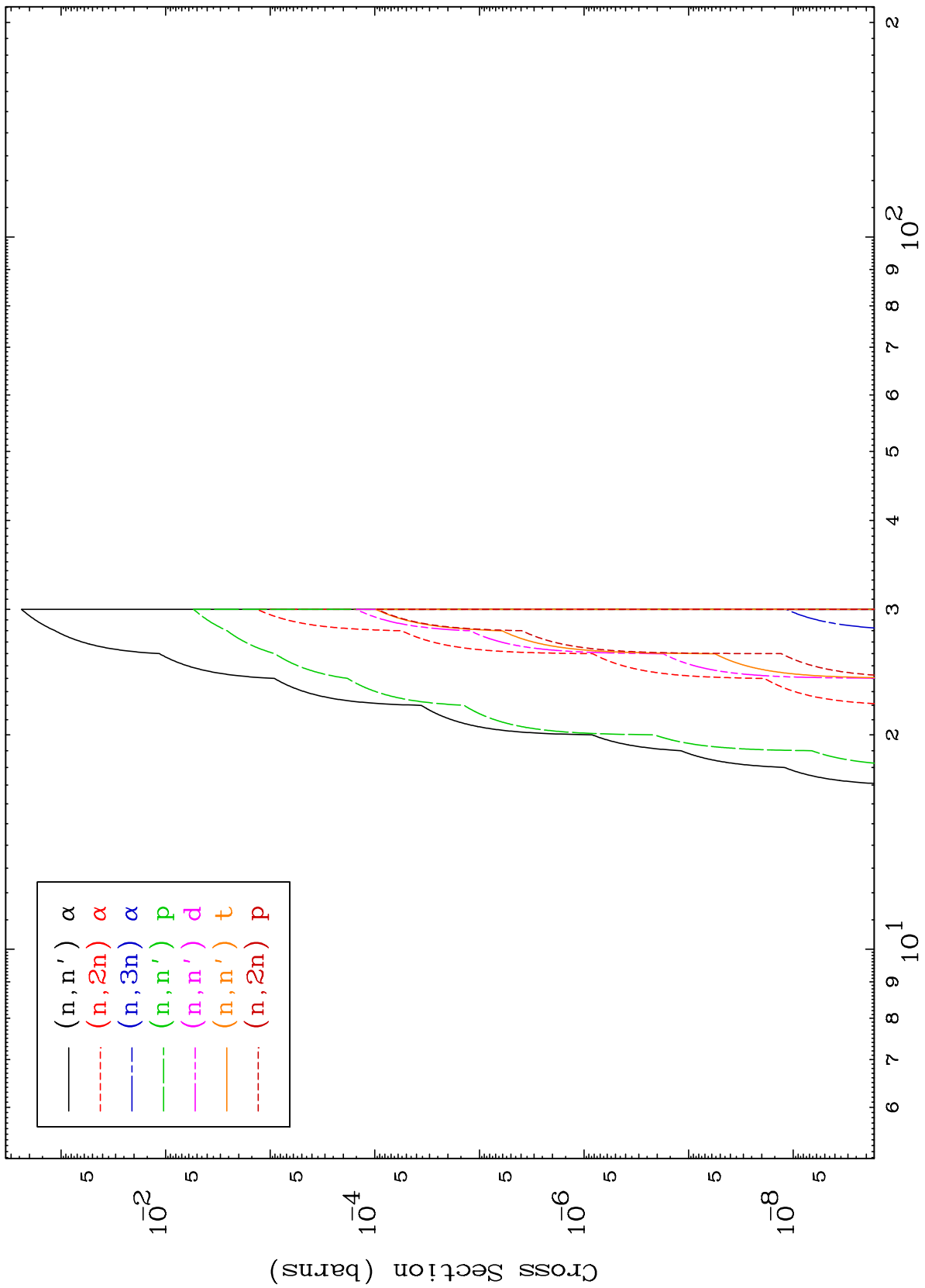
70-Yb-177m



MAT 7053

α Charged Particle
0 Kelvin Cross Sections

70-Yb-177m



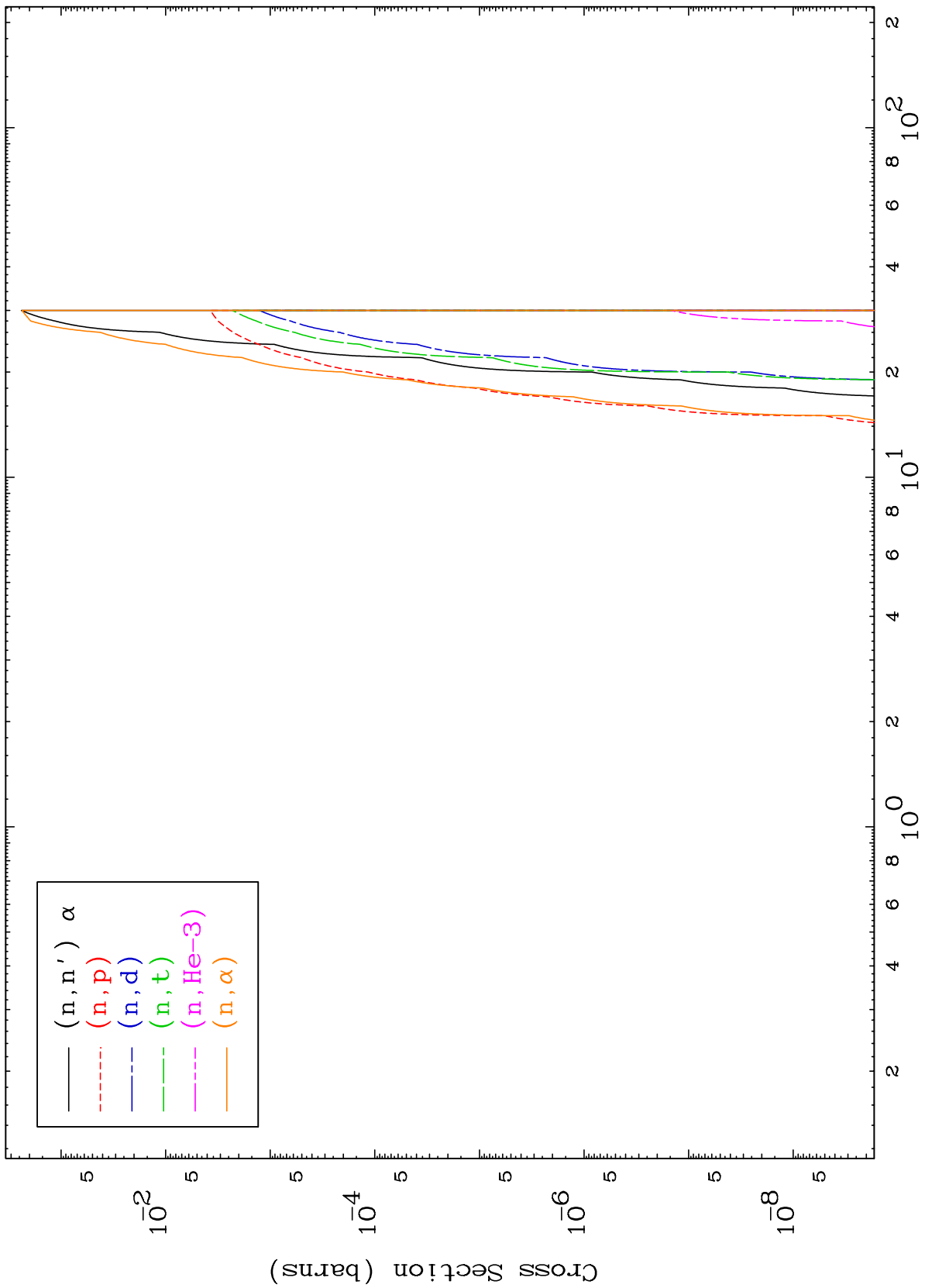
70-Yb-177m

Incident Energy (MeV)

MAT 7053

α Charged Particle
0 Kelvin Cross Sections

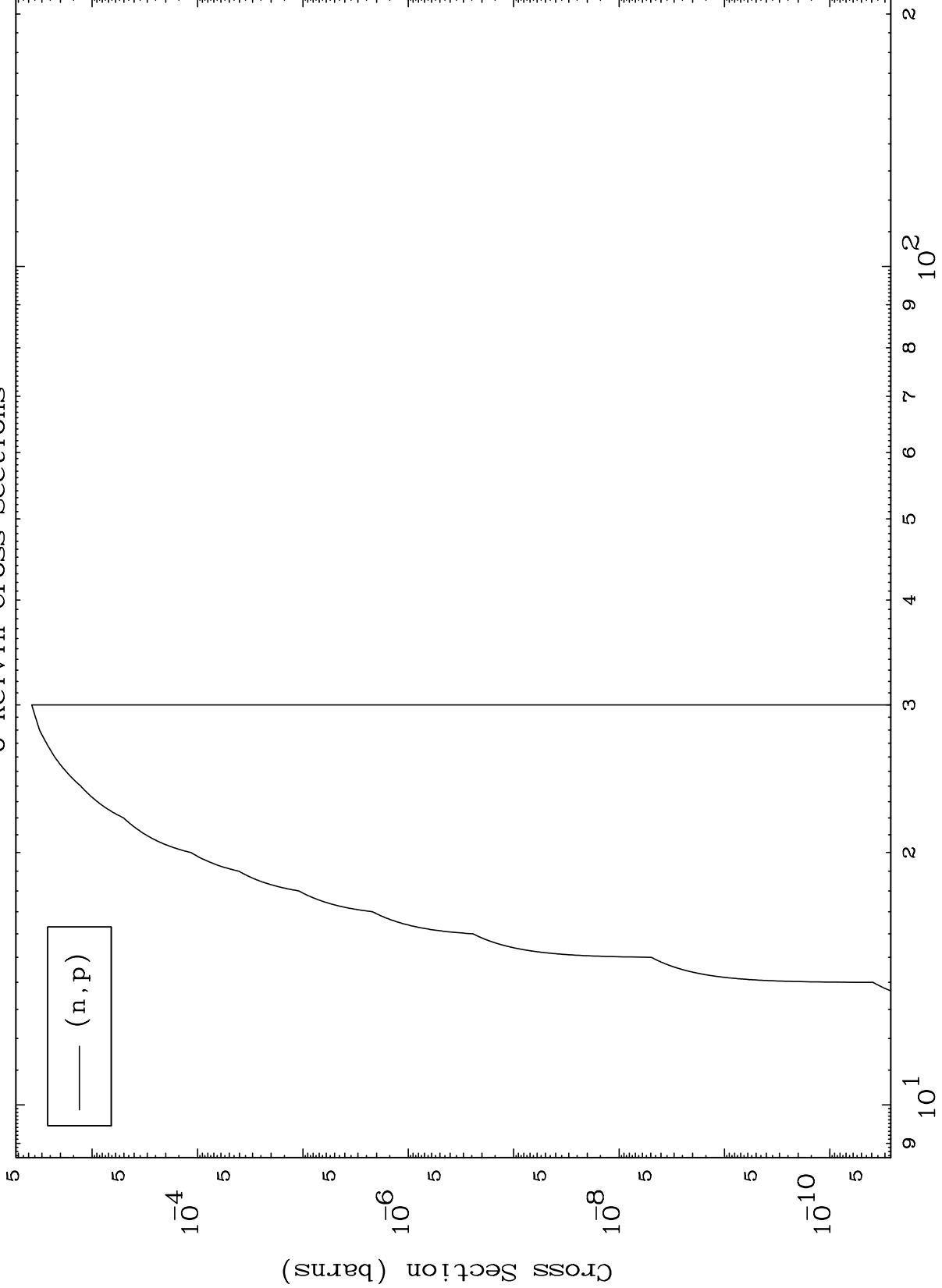
$^{70}\text{Yb-177m}$



MAT 7053

(α, p) Levels
0 Kelvin Cross Sections

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



Incident Energy (MeV)

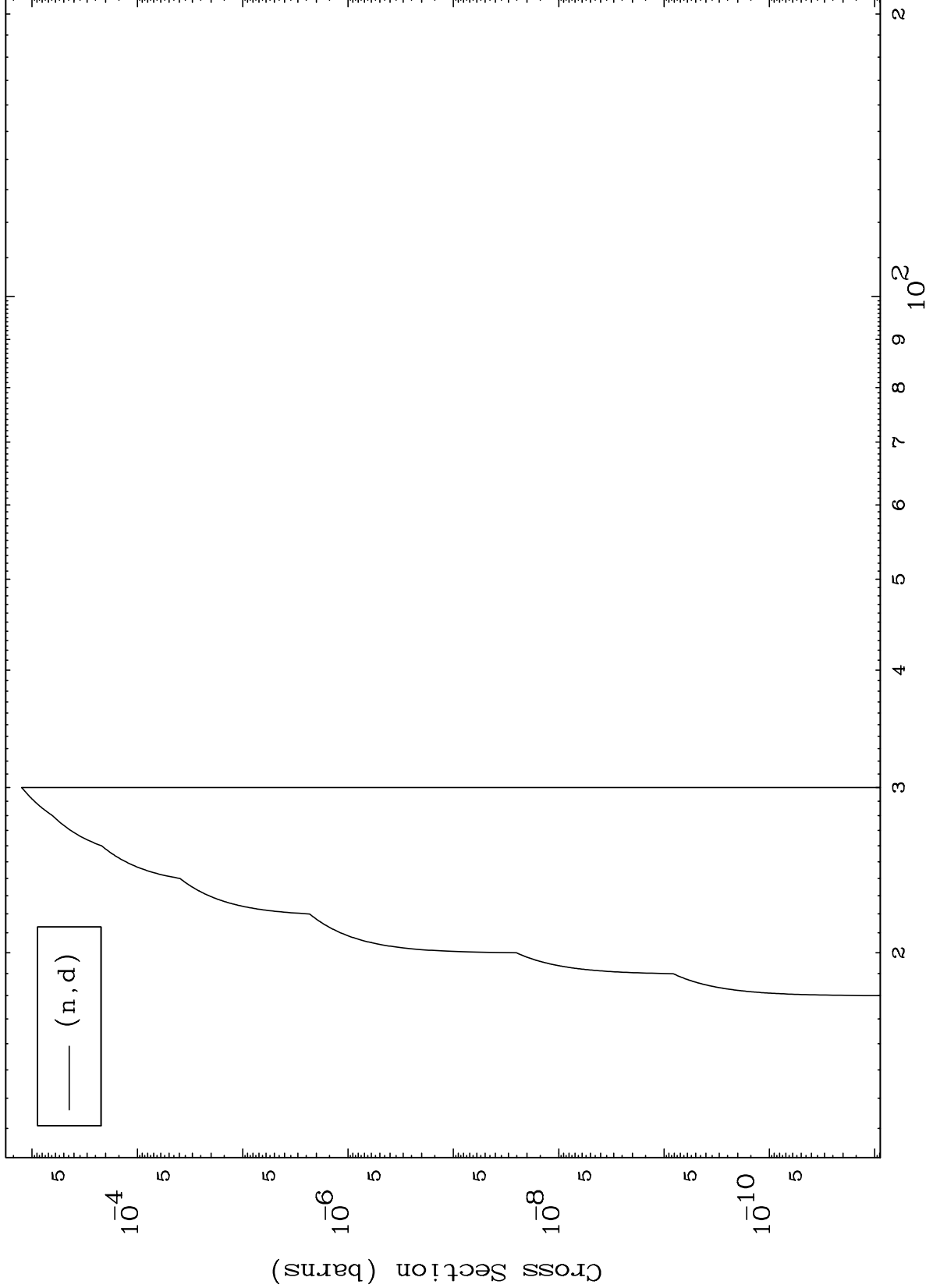
$^{70}\text{Yb}-177\text{m}$

6

MAT 7053

(α, d) Levels
0 Kelvin Cross Sections

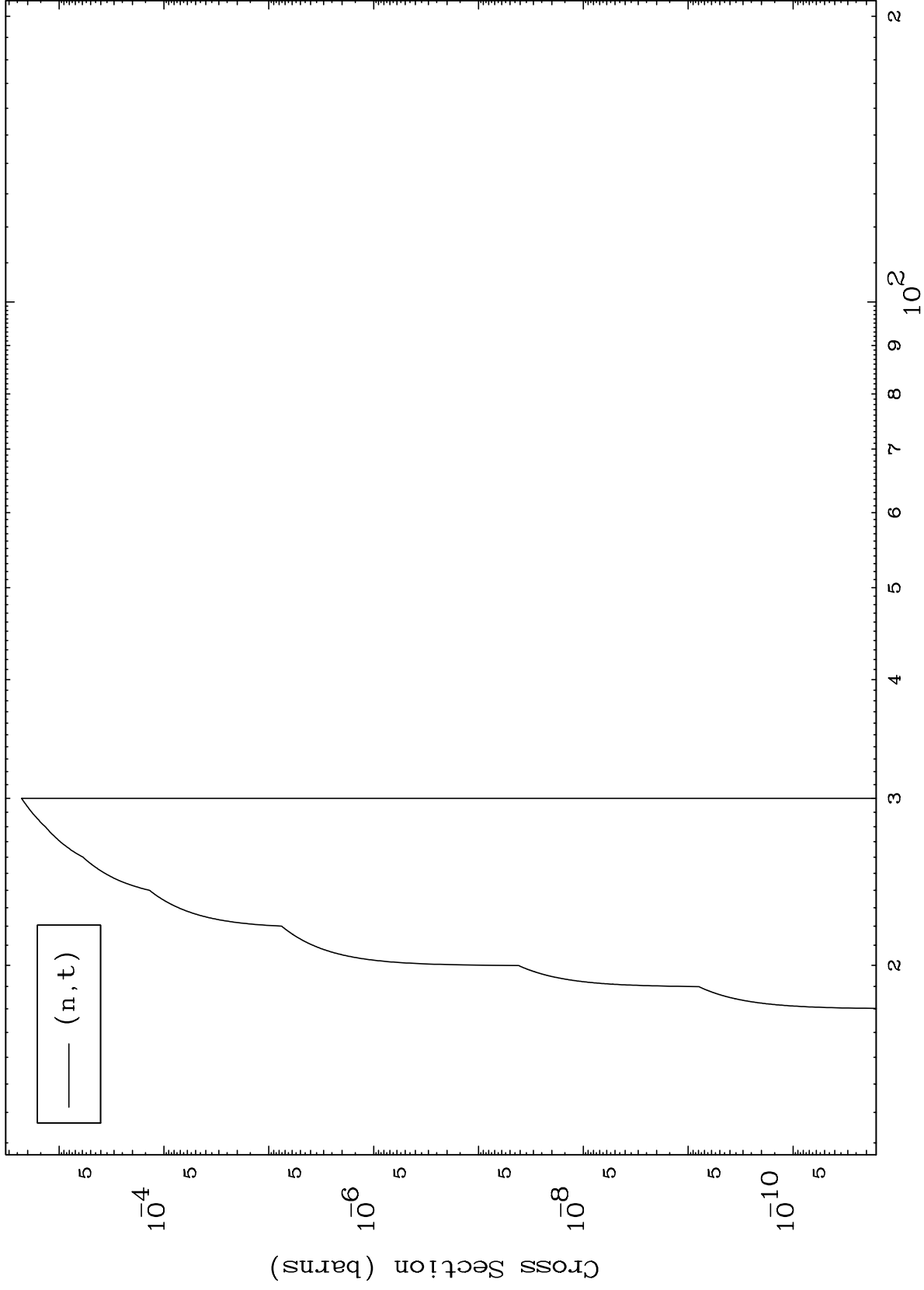
70-Yb-177m



MAT 7053

(α, t) Levels
0 Kelvin Cross Sections

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



8

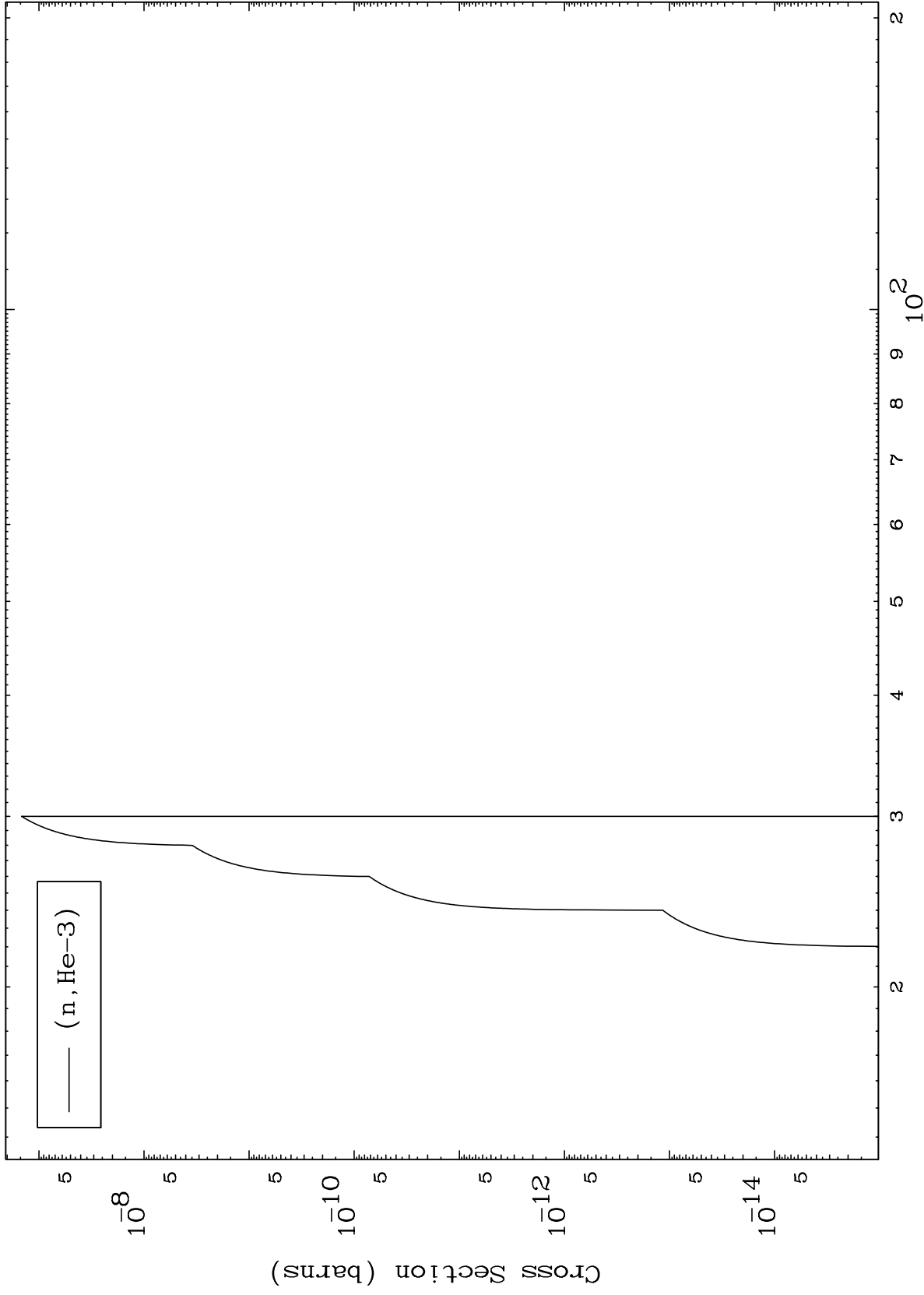
Incident Energy (MeV)

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

MAT 7053

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

70-Yb-177m

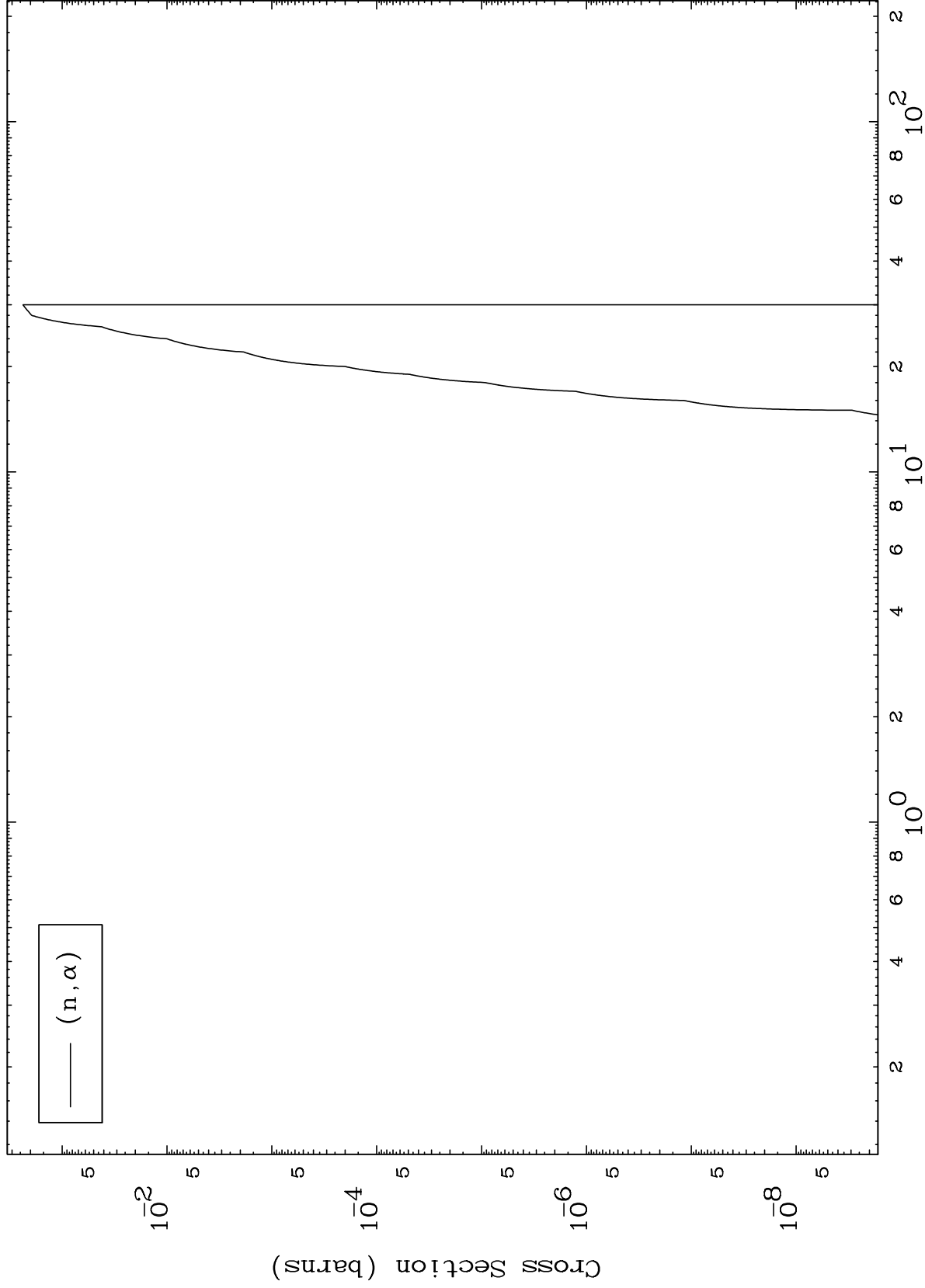


MAT 7053

(α, α) Levels

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

0 Kelvin Cross Sections



10

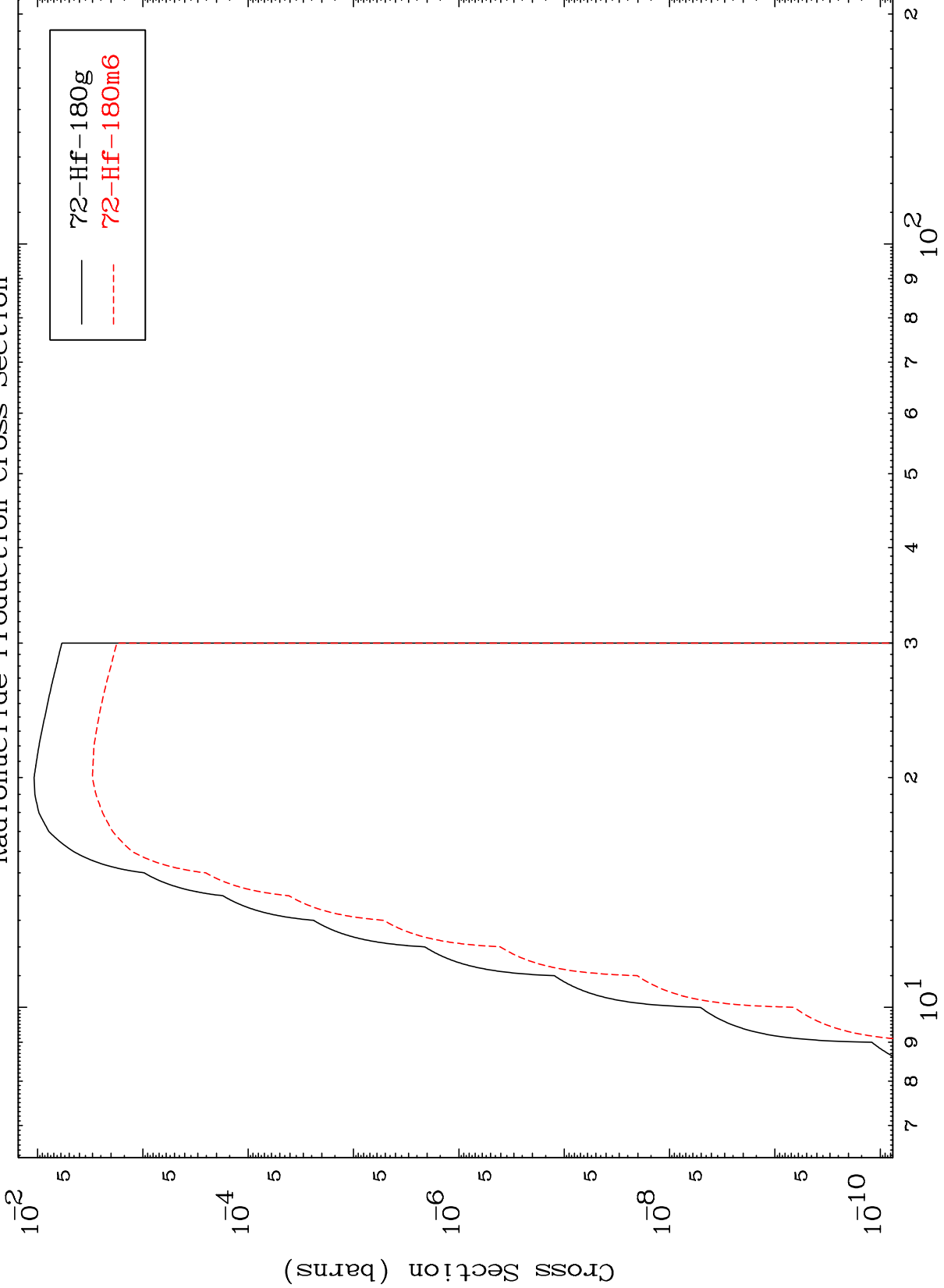
Incident Energy (MeV)

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

MAT 7053

Inelastic
Radionuclide Production Cross Section

70-Yb-177m



11

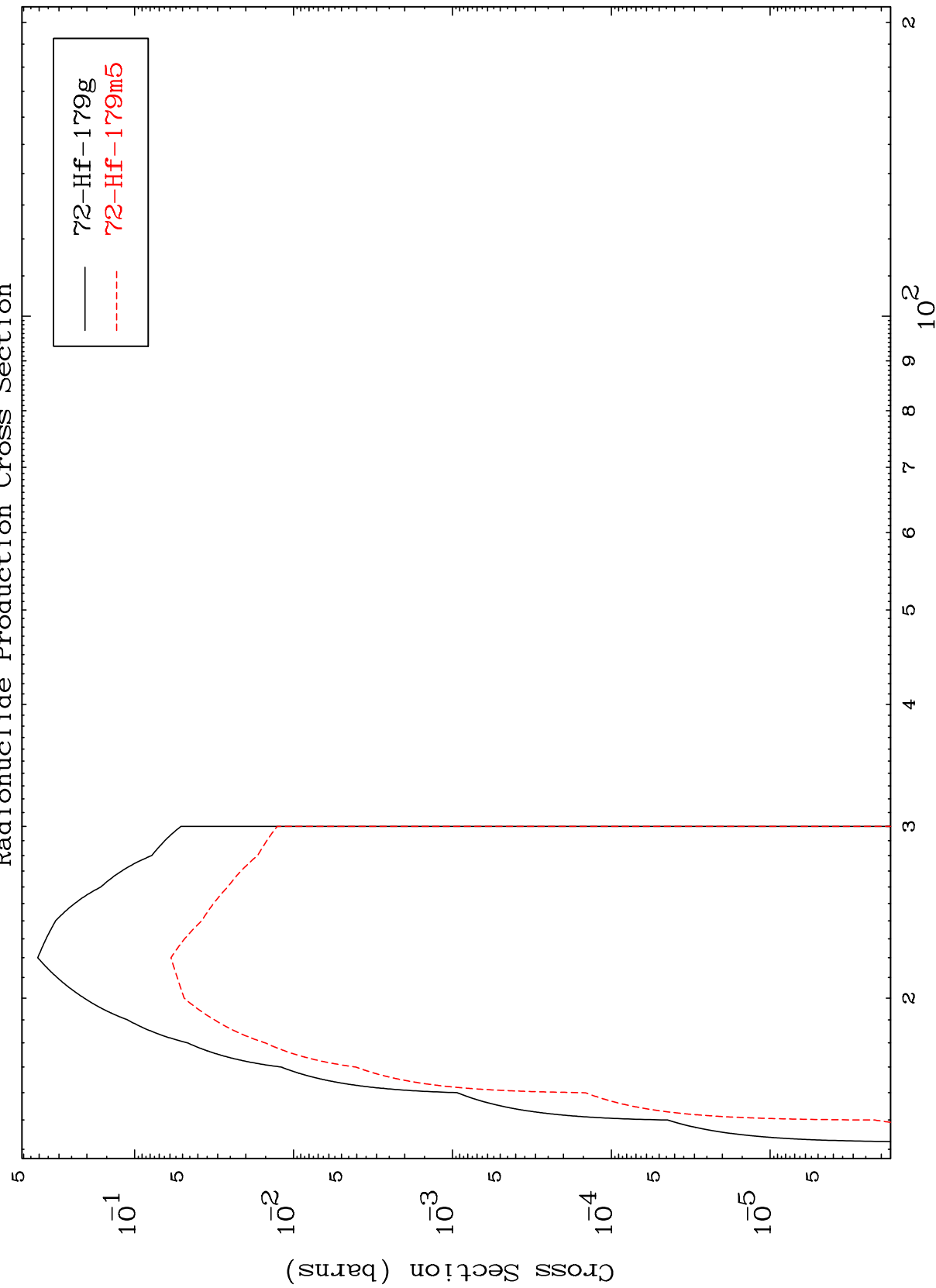
Incident Energy (MeV)

70-Yb-177m

MAT 7053

70-Yb-177m

(n,2n)
Radionuclide Production Cross Section



70-Yb-177m

Incident Energy (MeV)

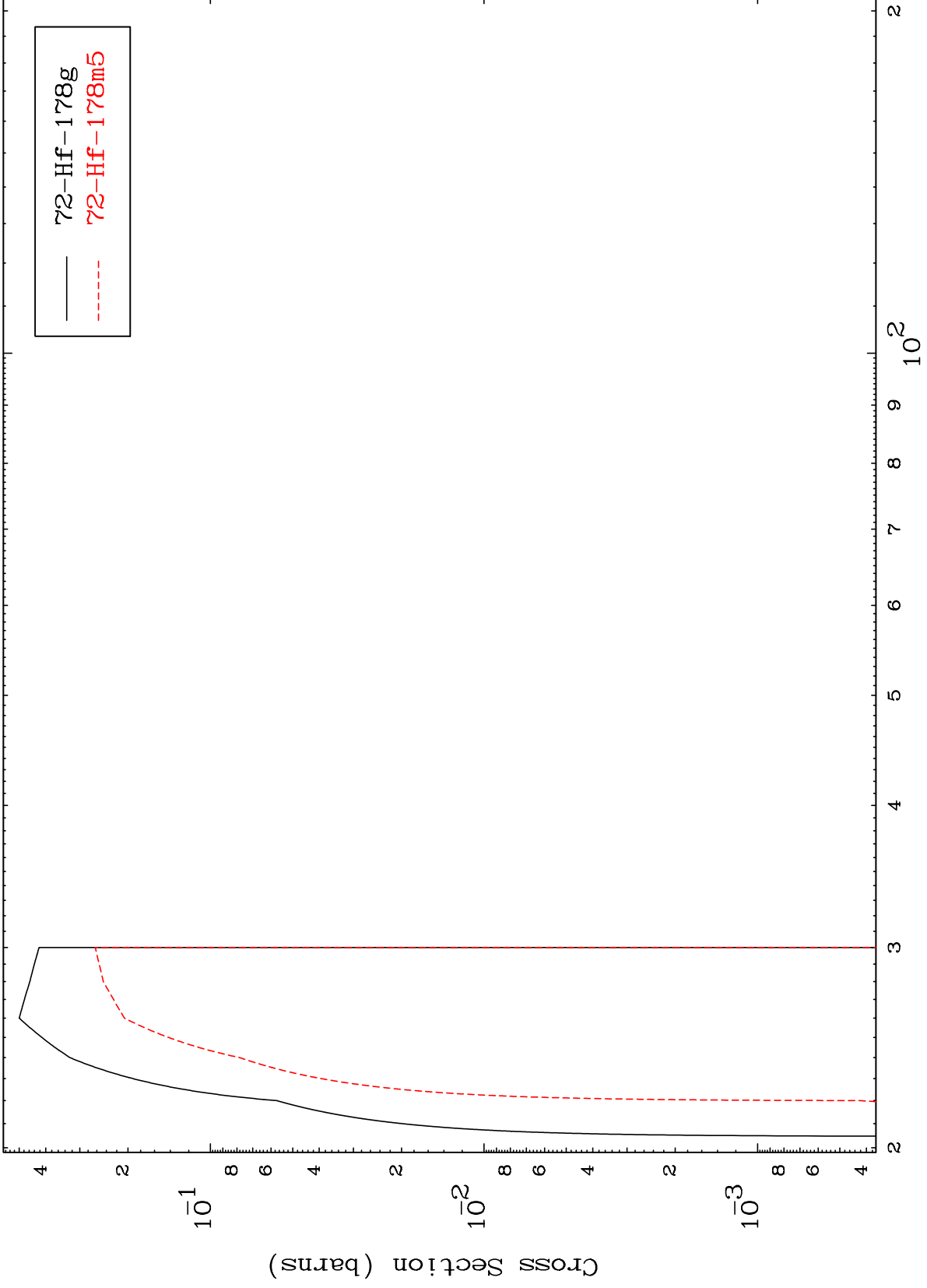
12

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(n,3n)

70-Yb-177m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

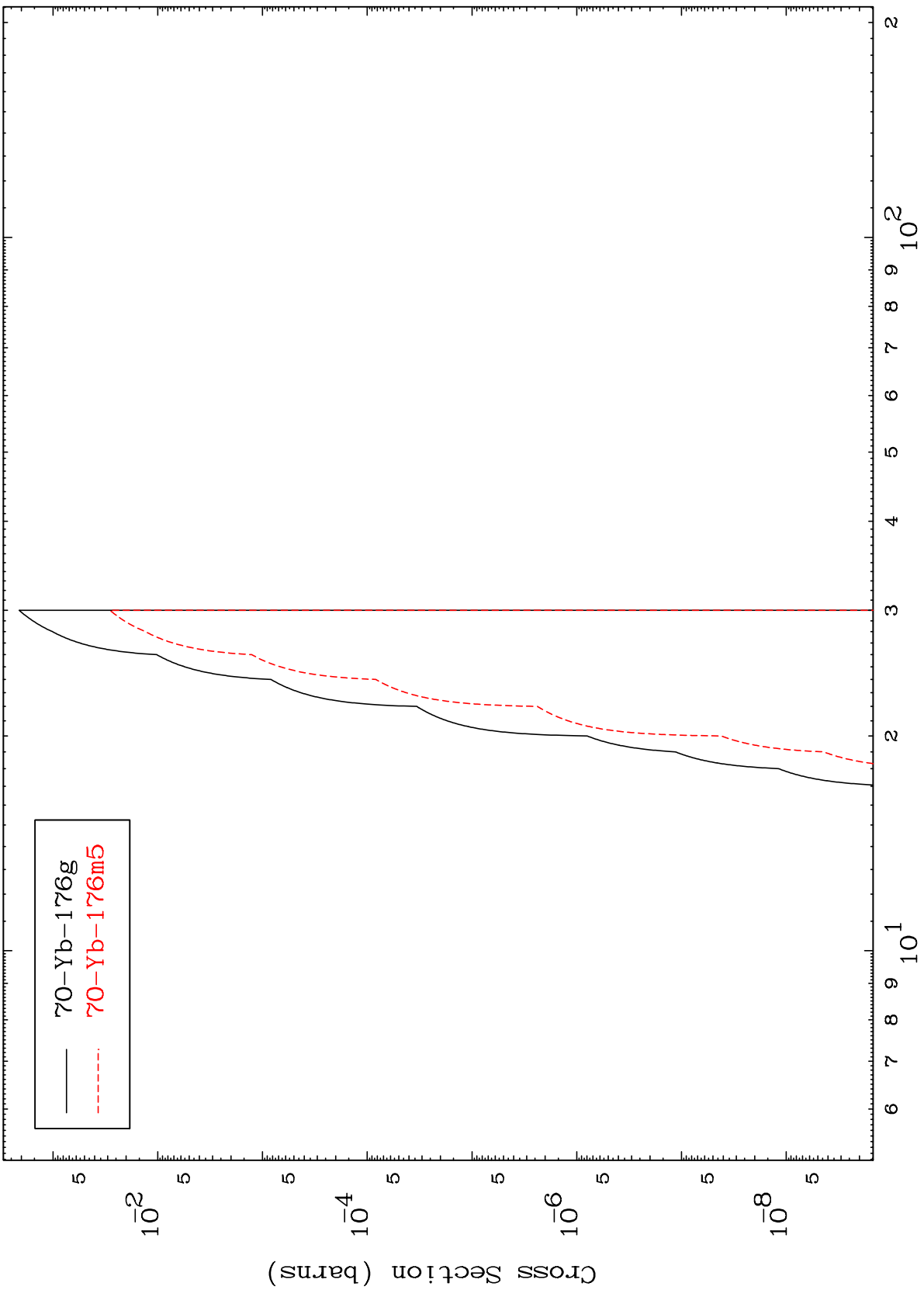
70-Yb-177m

MAT 7053

$(n, n') \alpha$

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

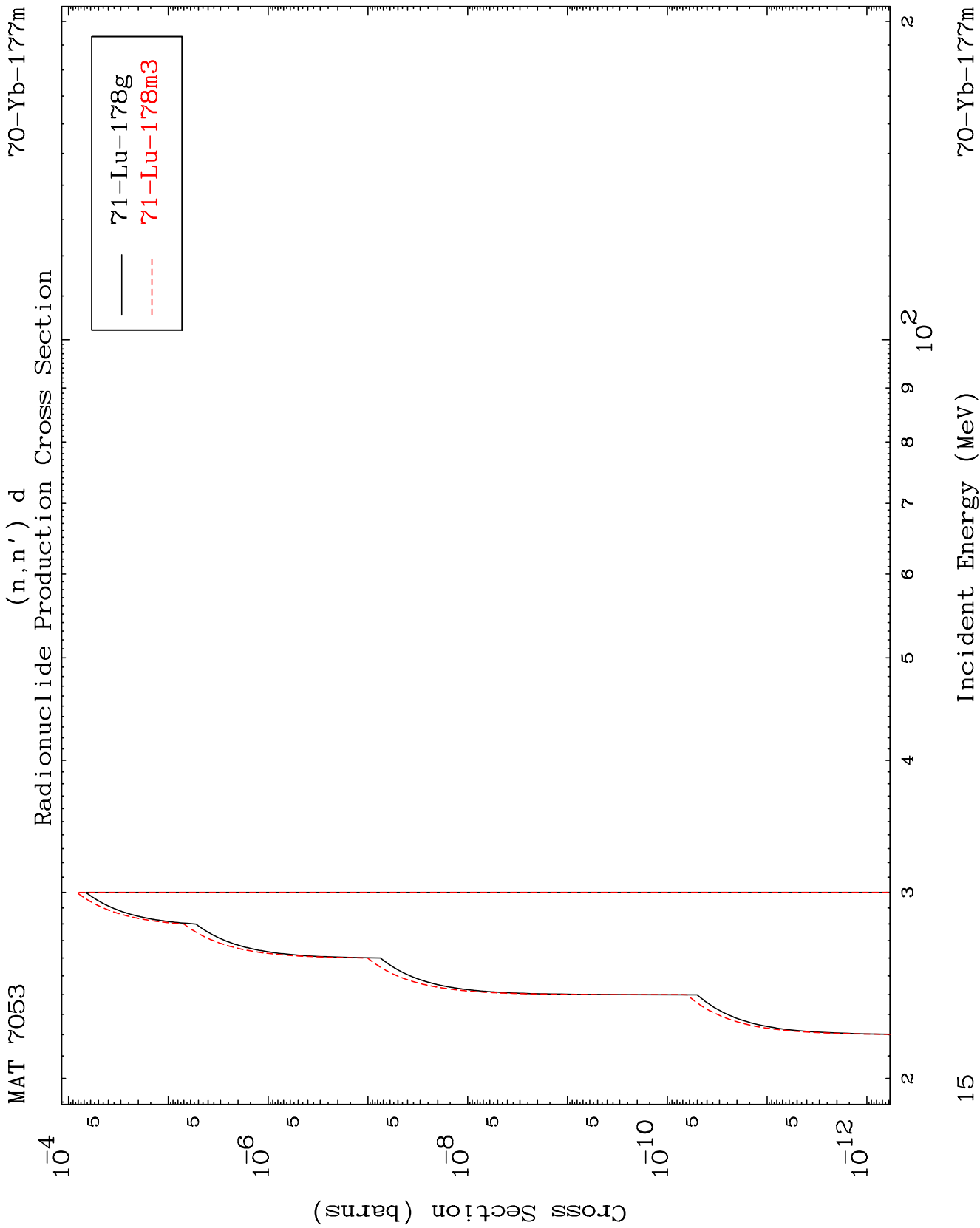
Radionuclide Production Cross Section



14

Incident Energy (MeV)

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

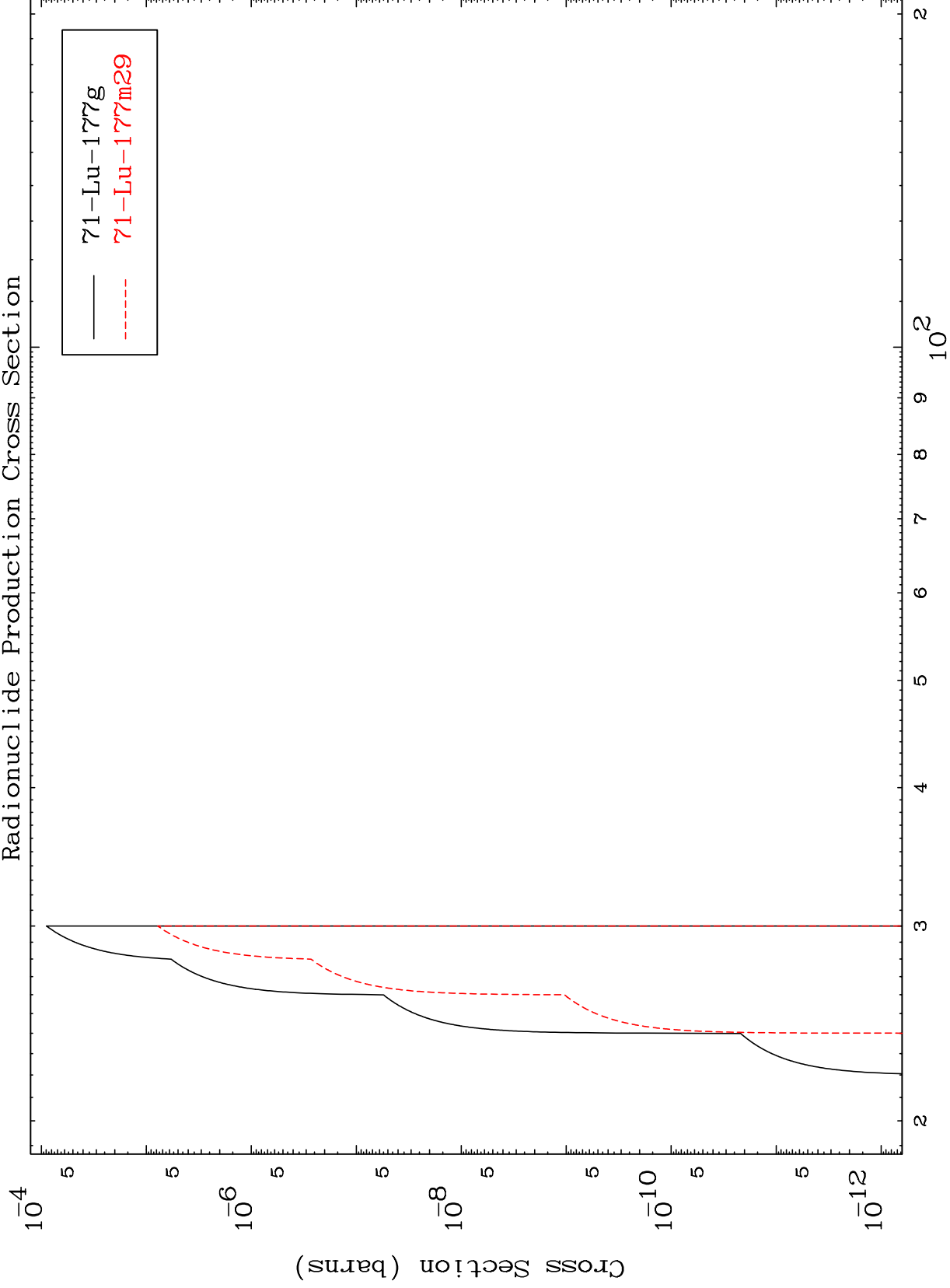


MAT 7053

(n,n') t

70-Yb-177m

Radionuclide Production Cross Section



16

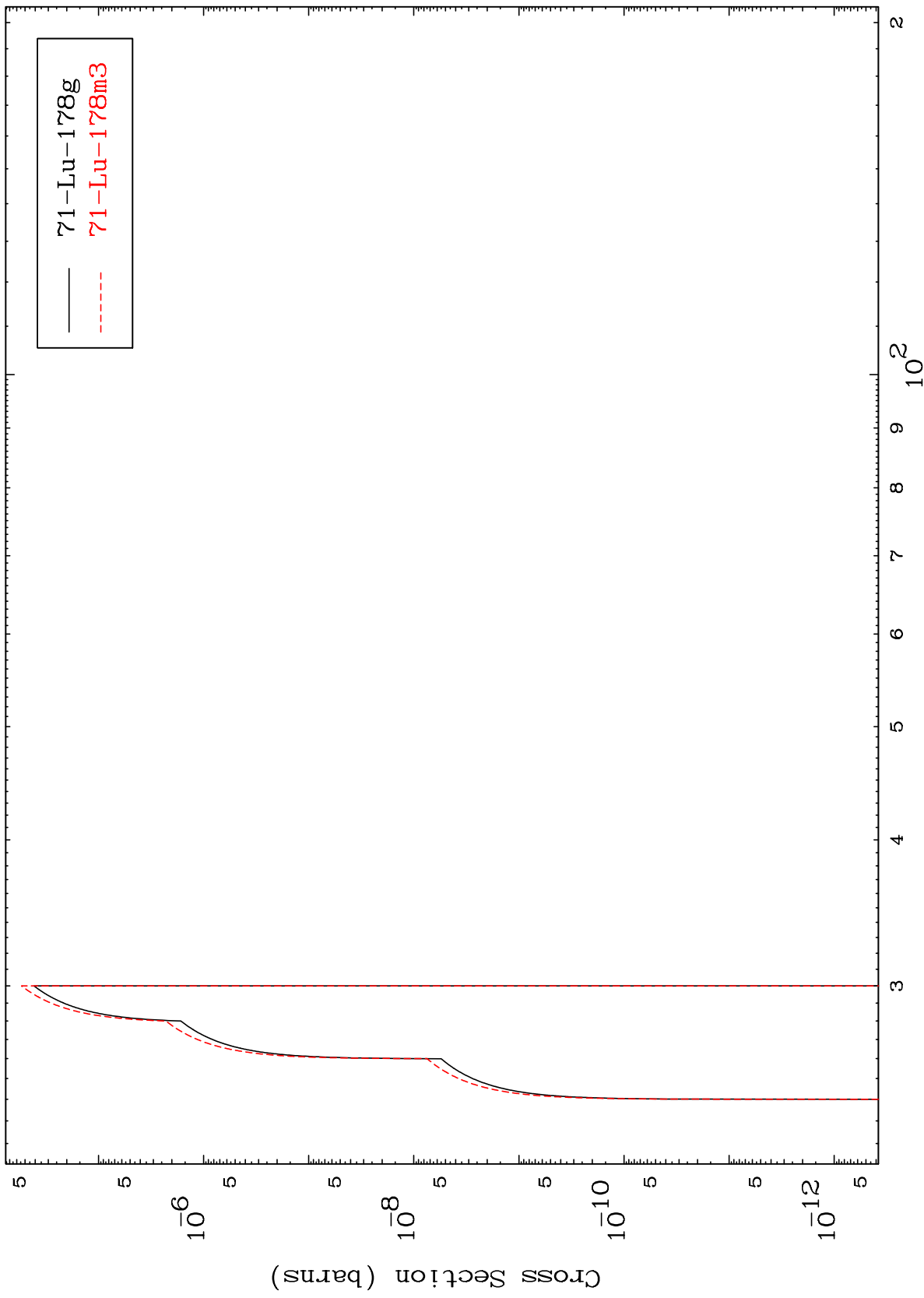
Incident Energy (MeV)

70-Yb-177m

MAT 7053

70-Yb-177m

(n,2n) p
Radionuclide Production Cross Section



17

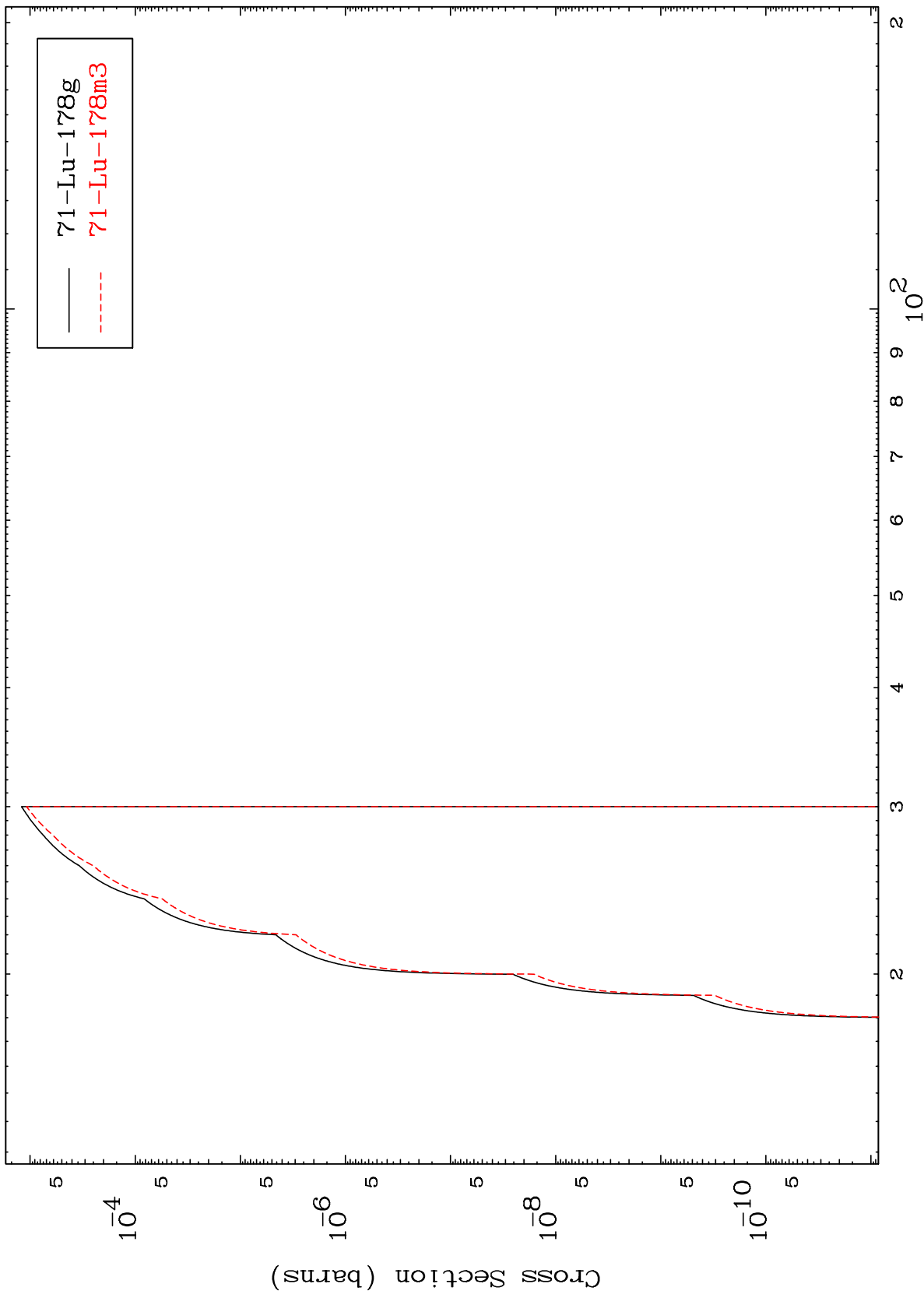
Incident Energy (MeV)

70-Yb-177m

MAT 7053

70-Yb-177m

(n,t)
Radionuclide Production Cross Section



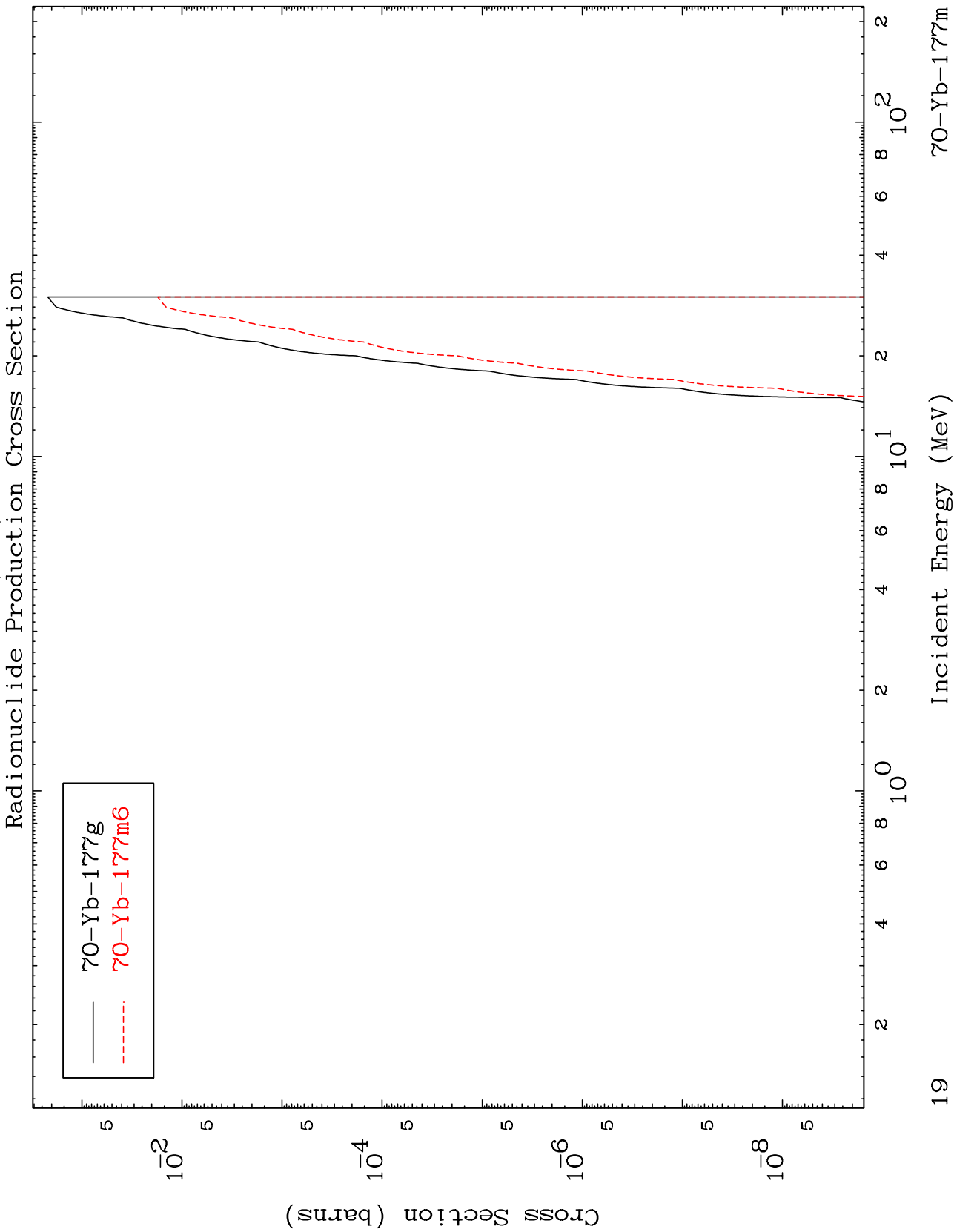
18

Incident Energy (MeV)

70-Yb-177m

MAT 7053

⁷⁰Yb-177m



— 70-Yb-177g
- - - 70-Yb-177m6