

Program EVALPLOT
(Version 2021-1)

by

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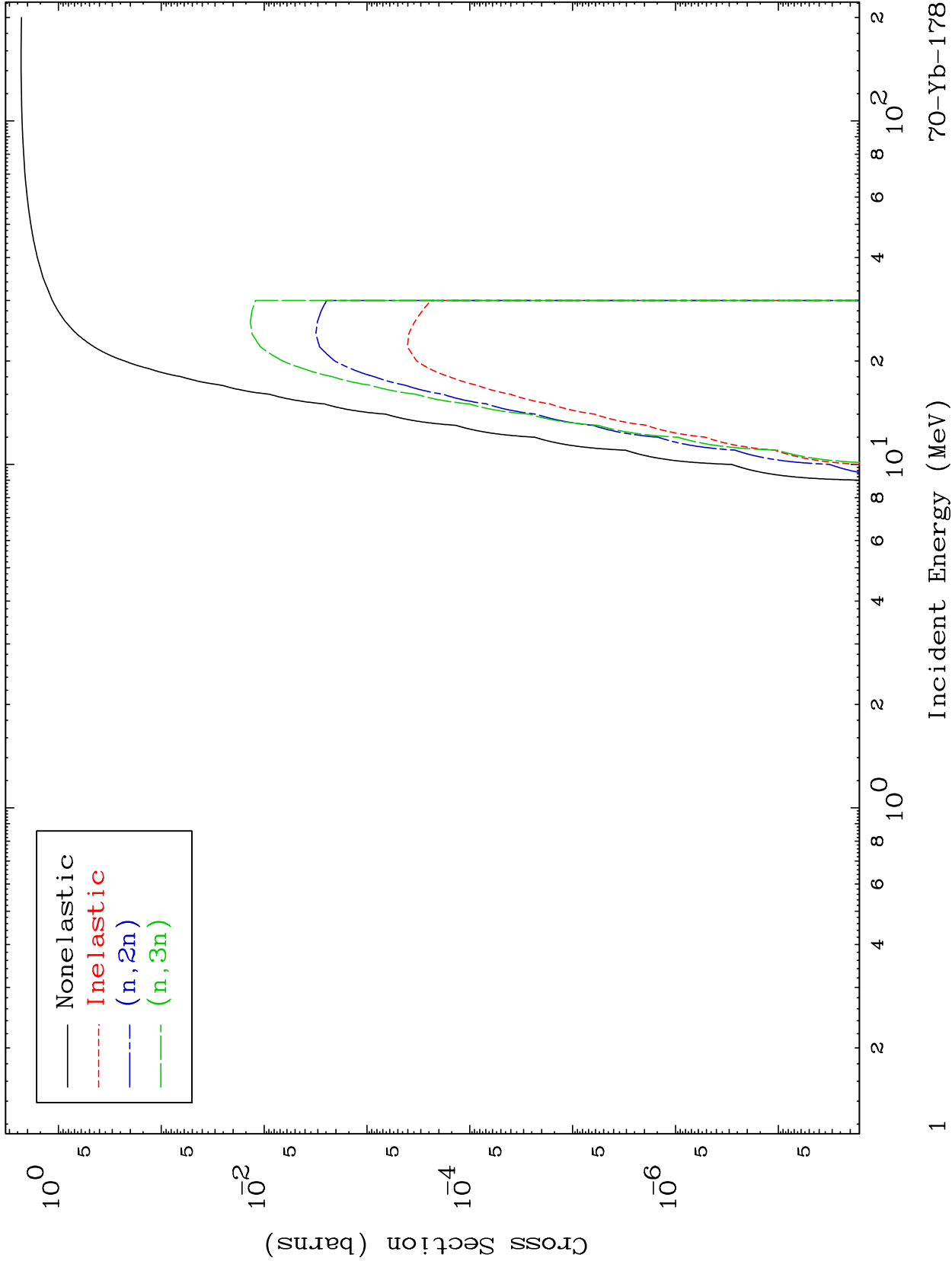
Press Mouse Button to Start

MAT 7055

He-3 Major

0 Kelvin Cross Sections

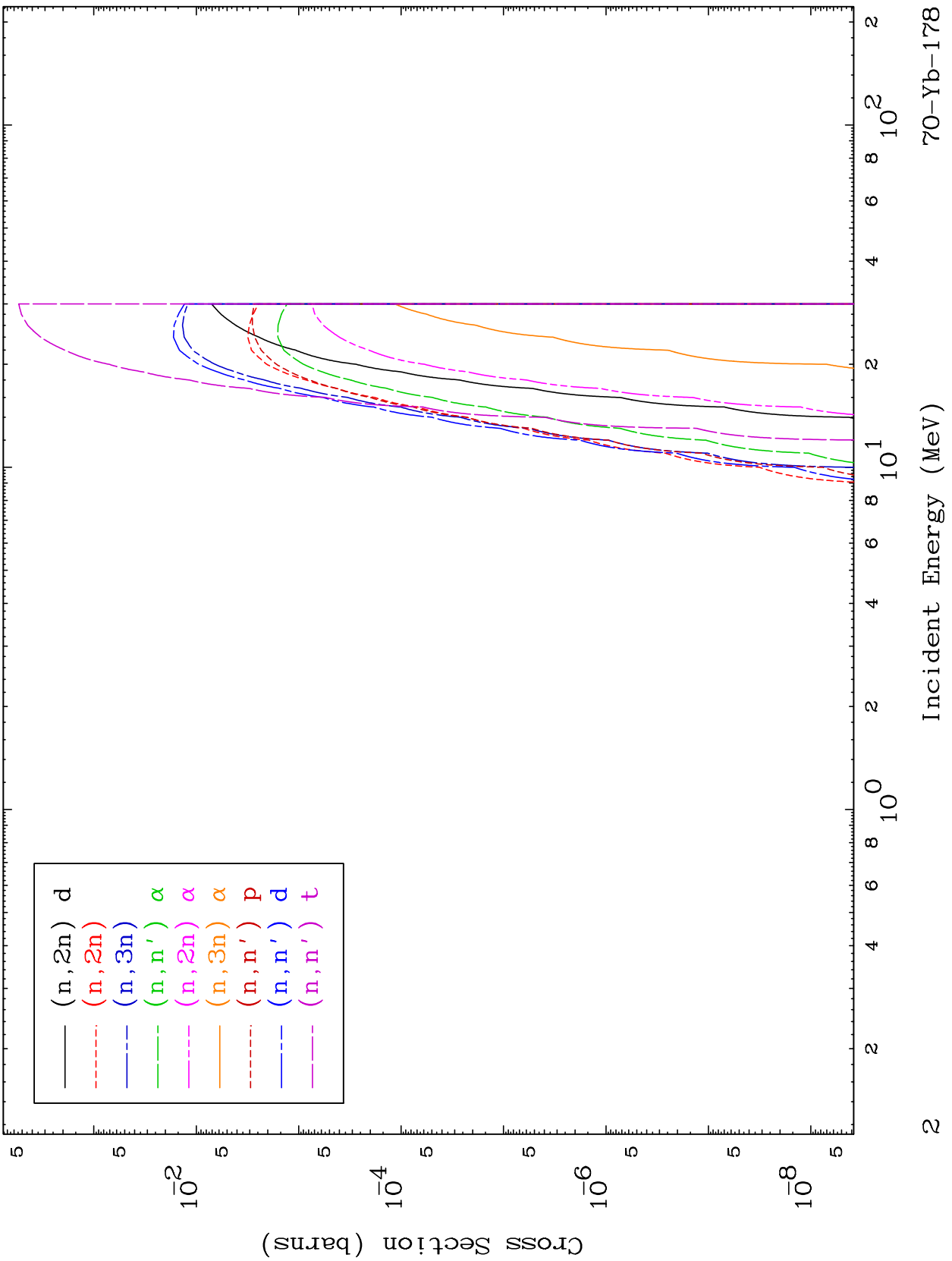
70-Yb-178



MAT 7055

He-3 Neutron Absorption
0 Kelvin Cross Sections

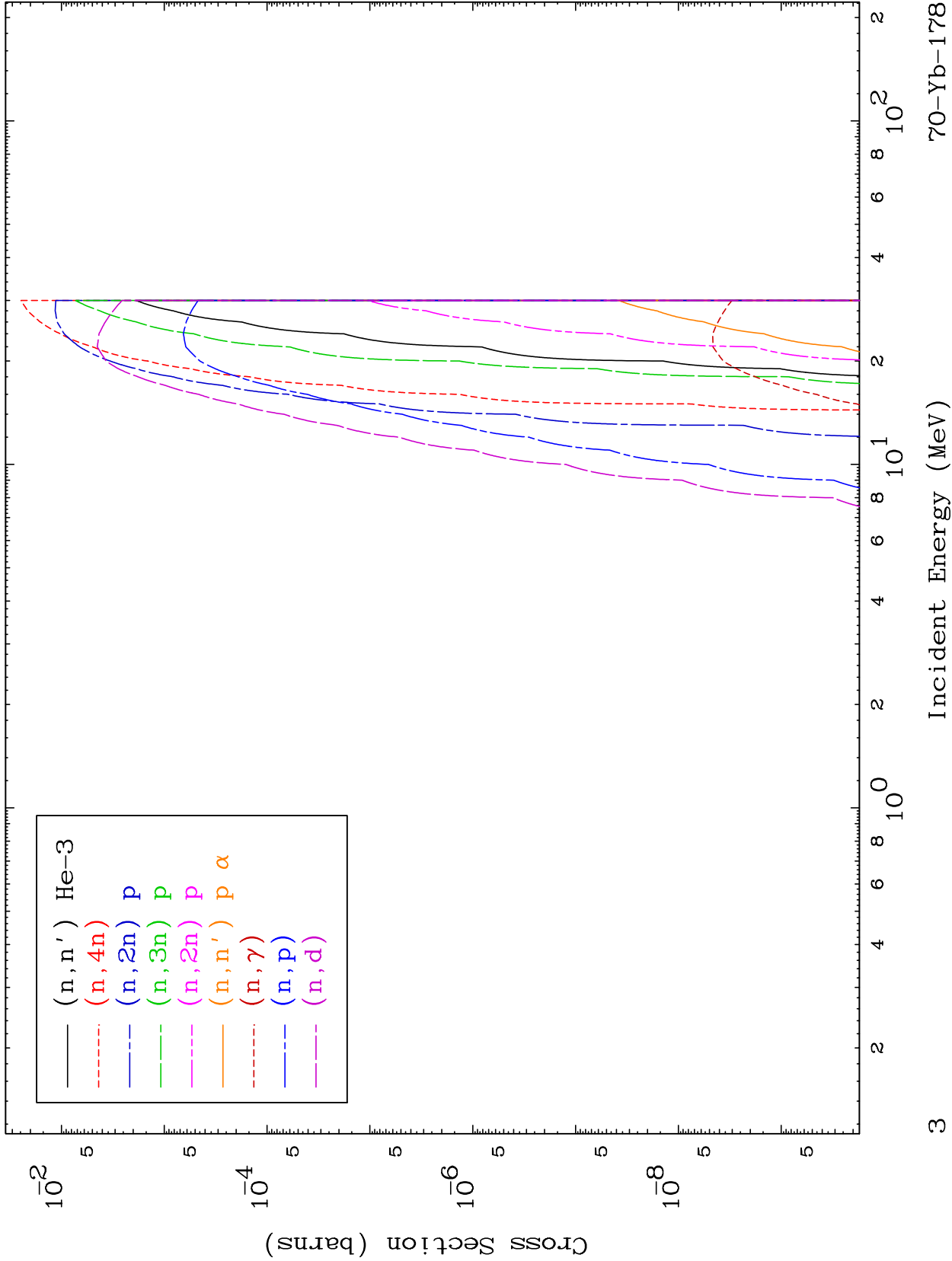
70-Yb-178



MAT 7055

He-3 Neutron Absorption
0 Kelvin Cross Sections

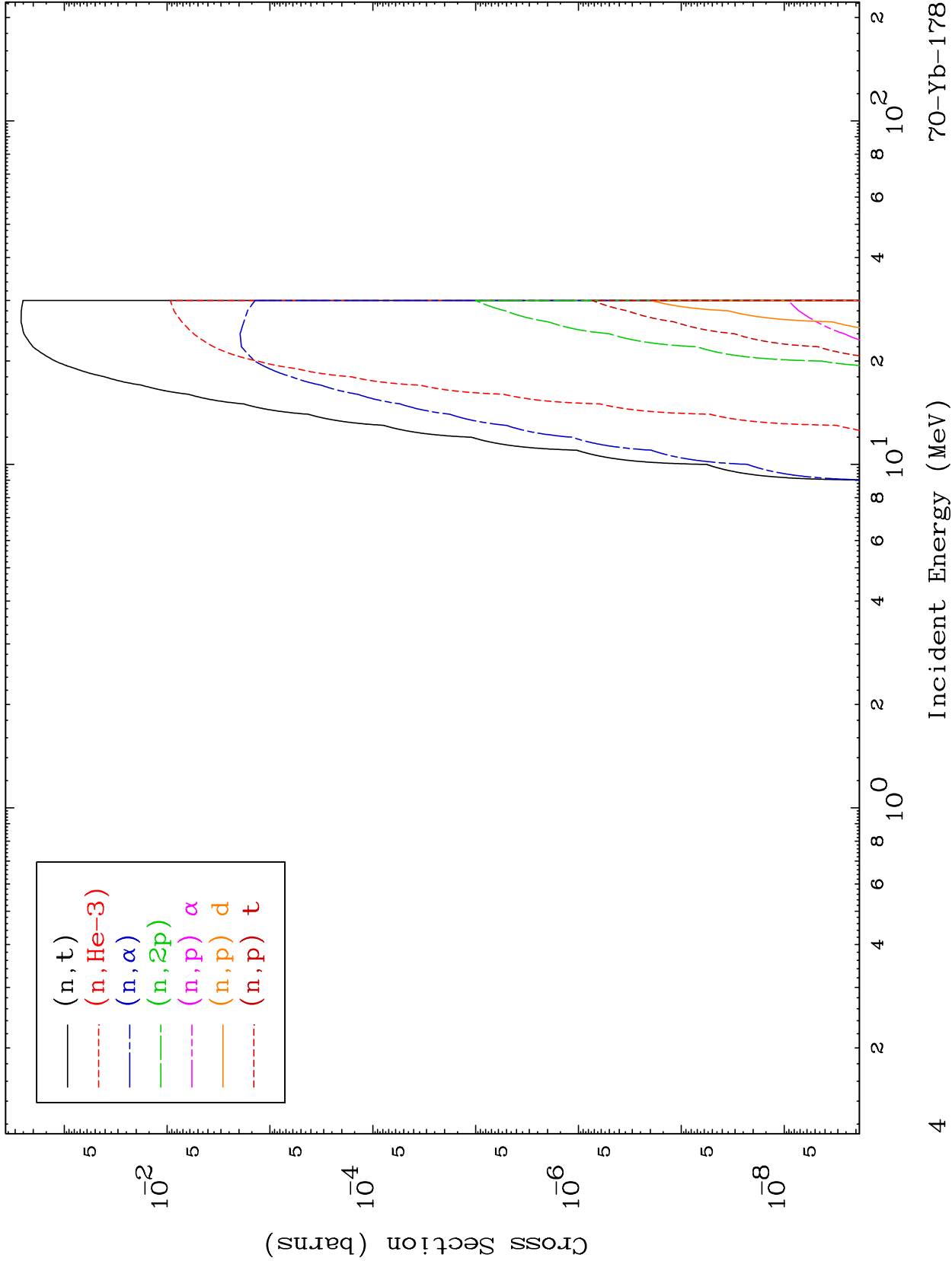
70-Yb-178



MAT 7055

He-3 Neutron Absorption
0 Kelvin Cross Sections

70-Yb-178

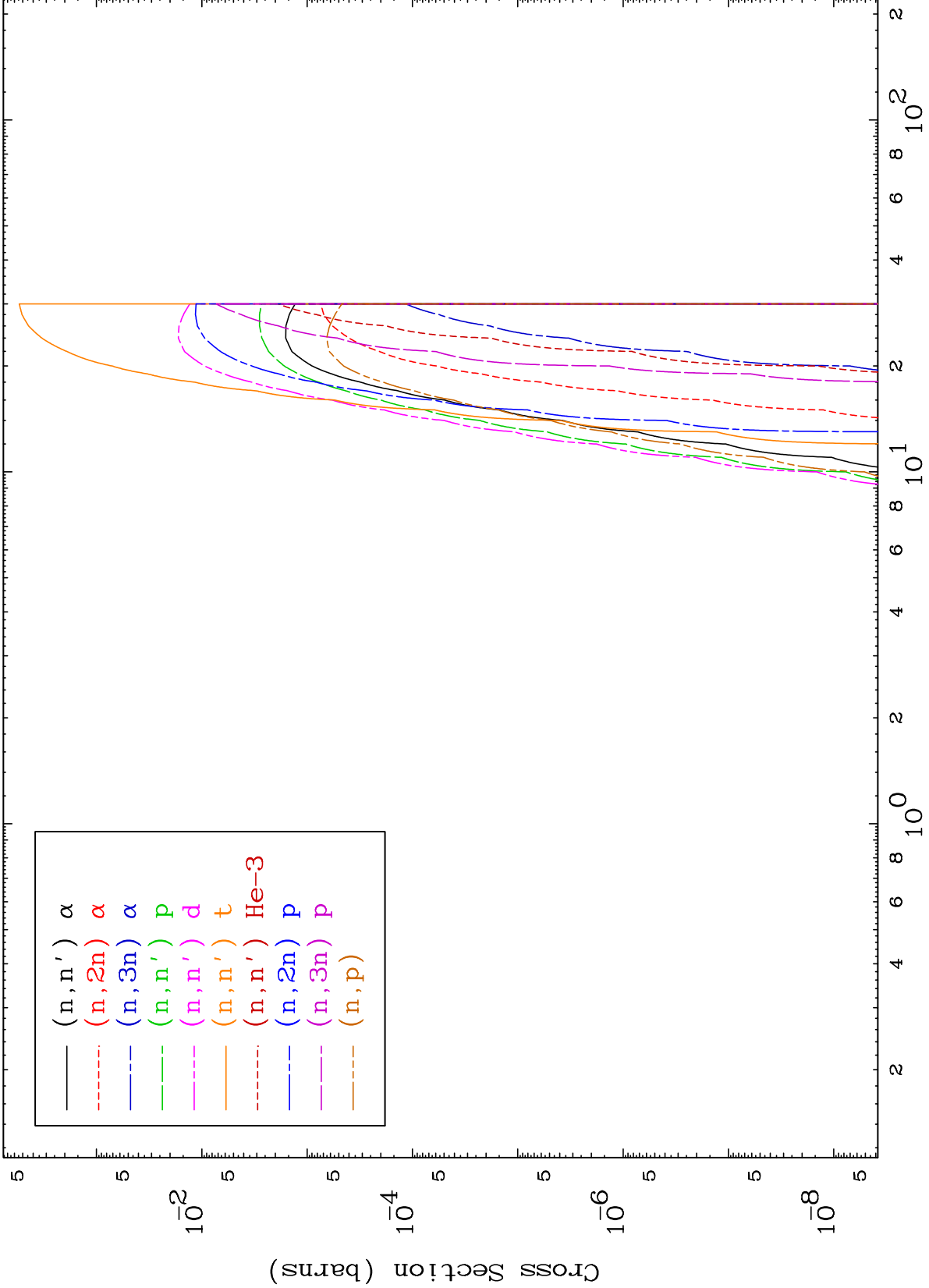


70-Yb-178

MAT 7055

He-3 Charged Particle
0 Kelvin Cross Sections

70-Yb-178



5

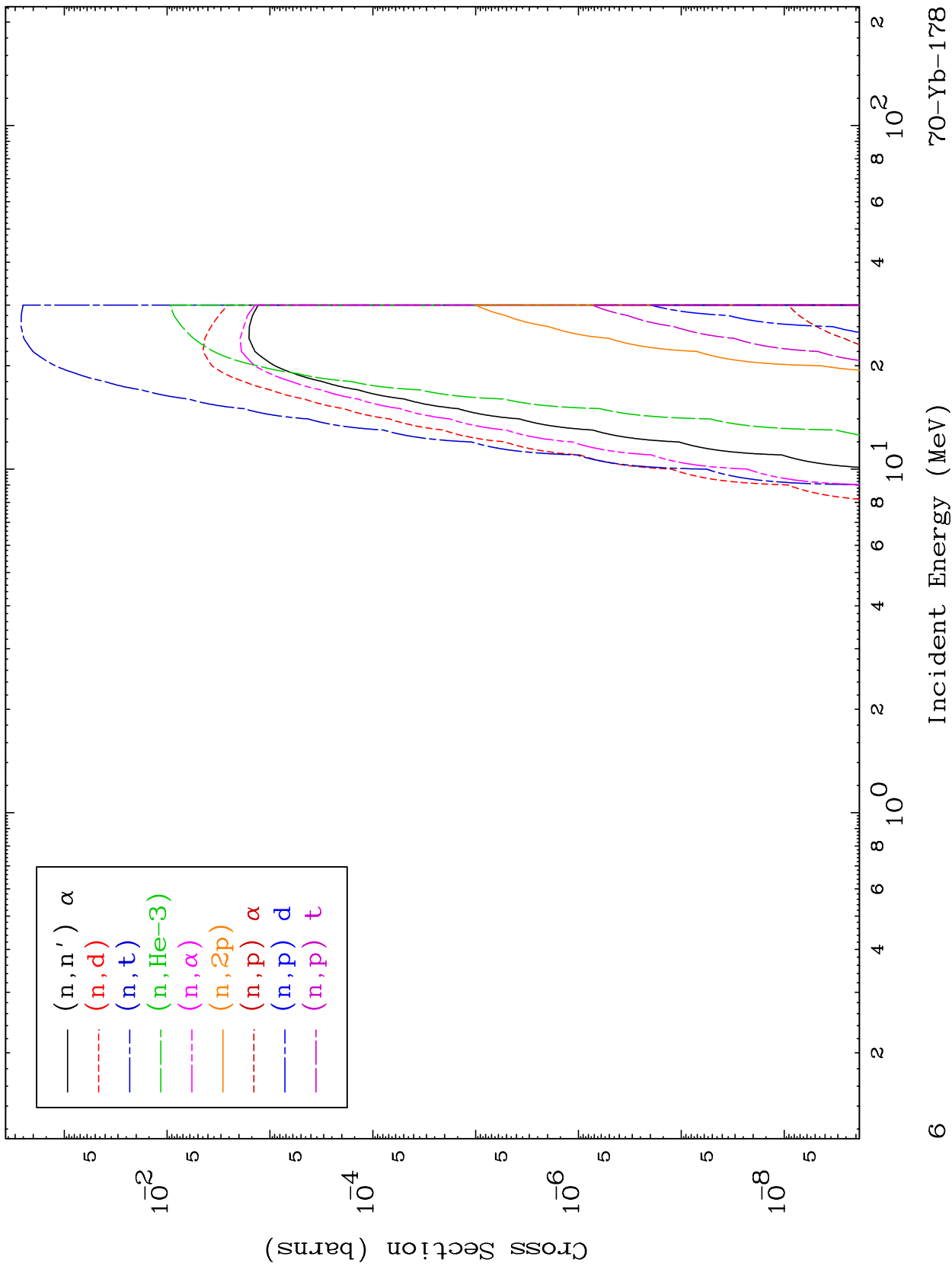
Incident Energy (MeV)

70-Yb-178

MAT 7055

He-3 Charged Particle
0 Kelvin Cross Sections

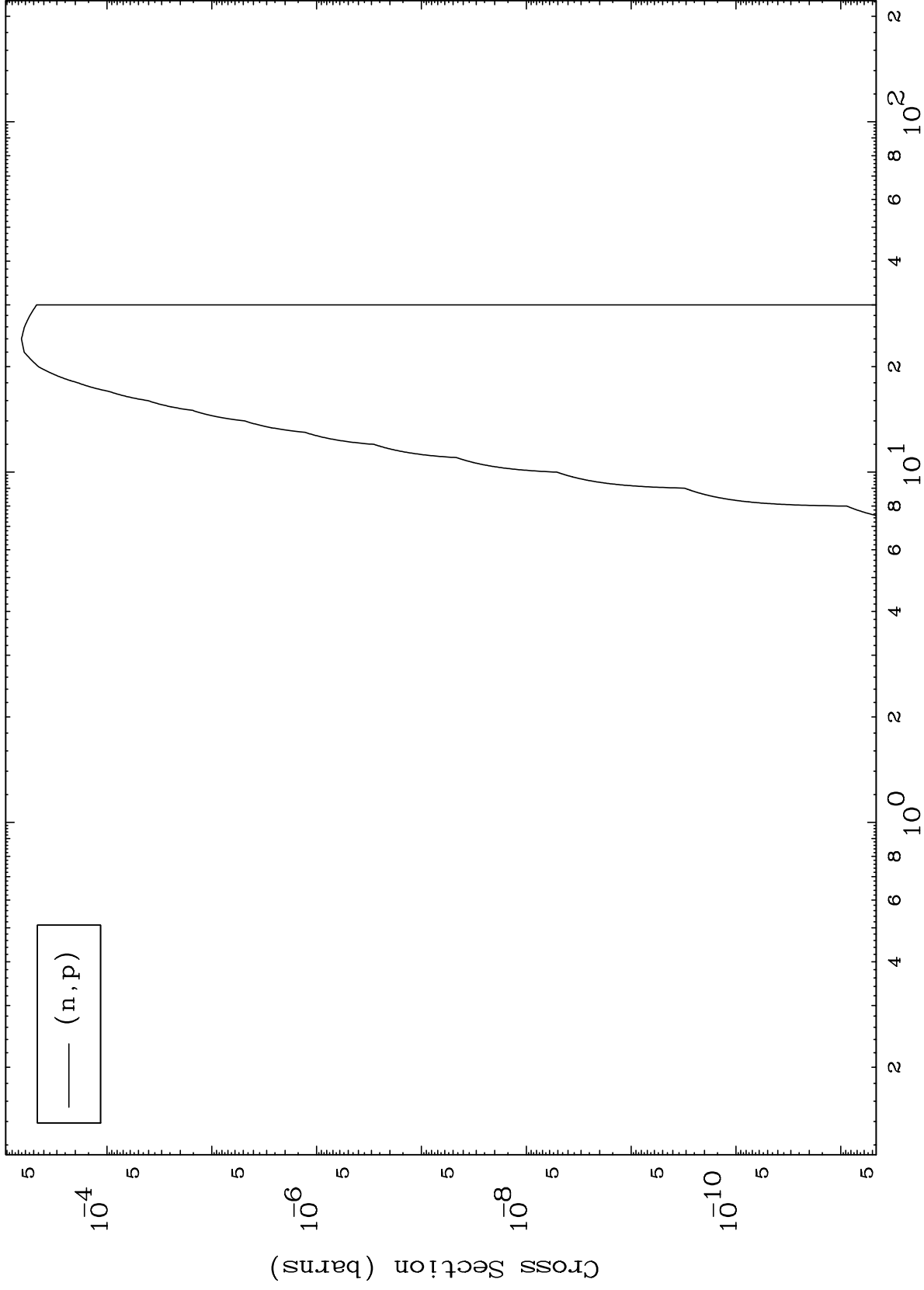
70-Yb-178



MAT 7055

(He-3,p) Levels
0 Kelvin Cross Sections

70-Yb-178



7

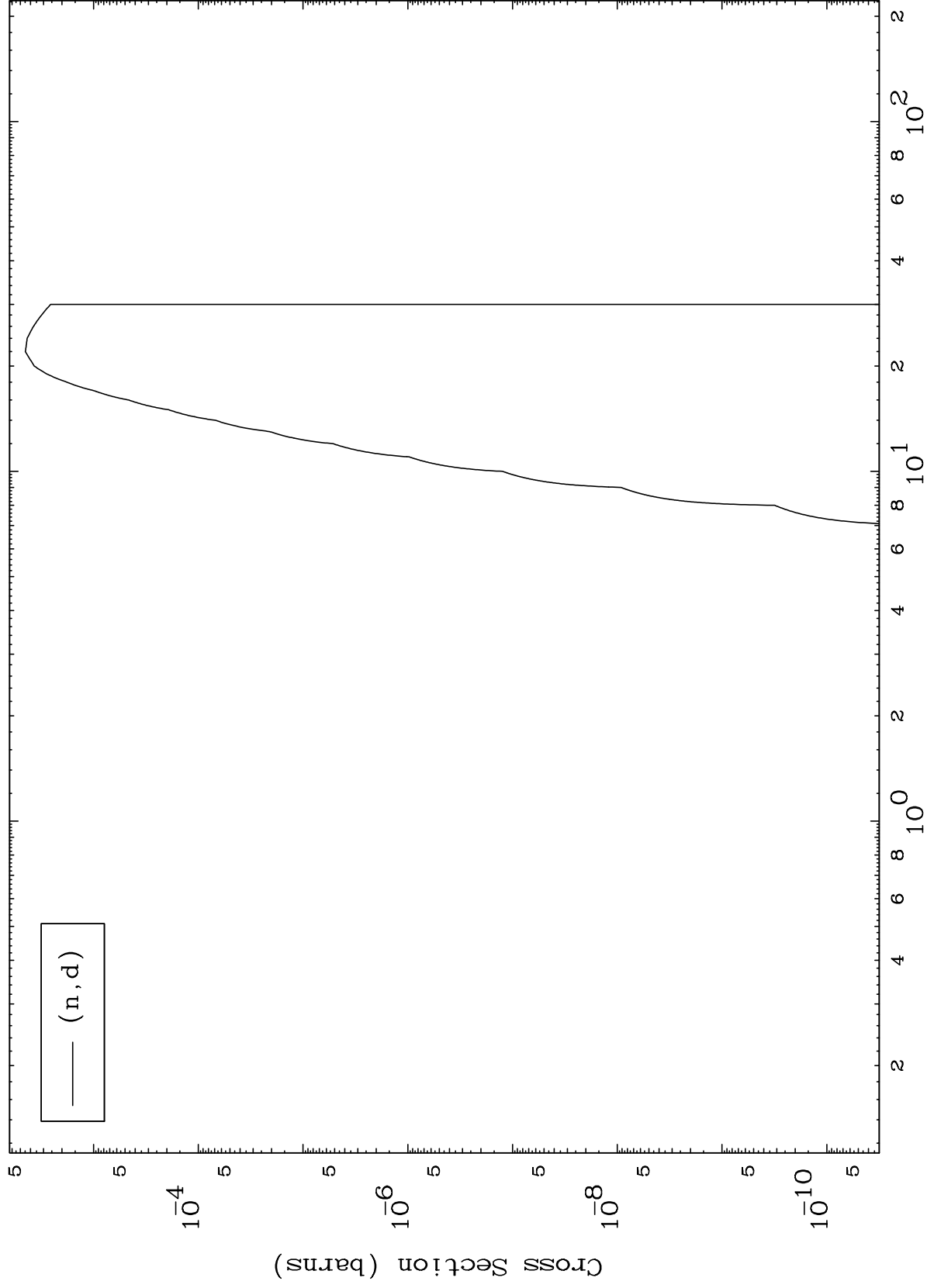
Incident Energy (MeV)

70-Yb-178

MAT 7055

(He-3,d) Levels
0 Kelvin Cross Sections

70-Yb-178

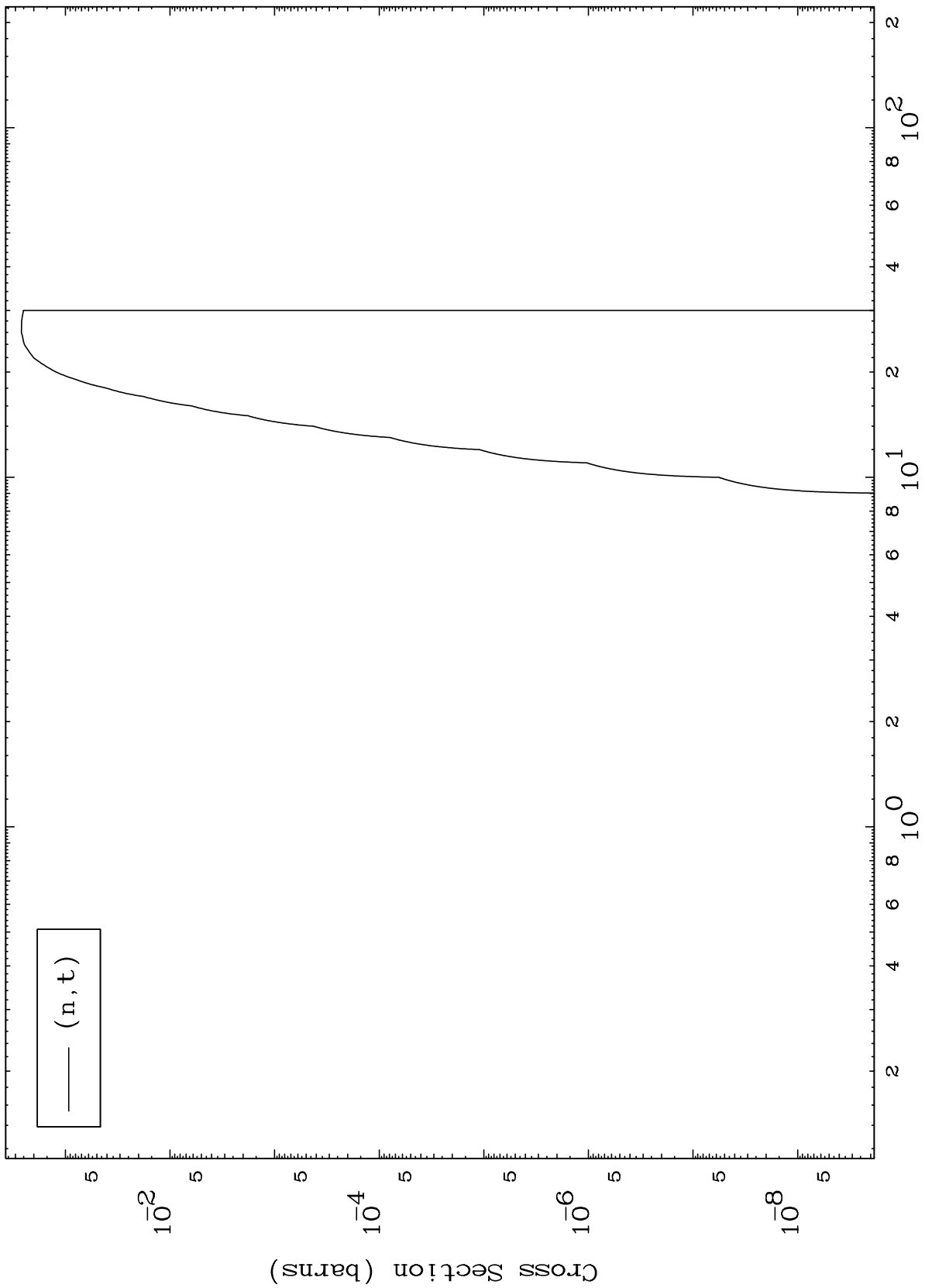


MAT 7055

(He-3,t) Levels

70-Yb-178

0 Kelvin Cross Sections

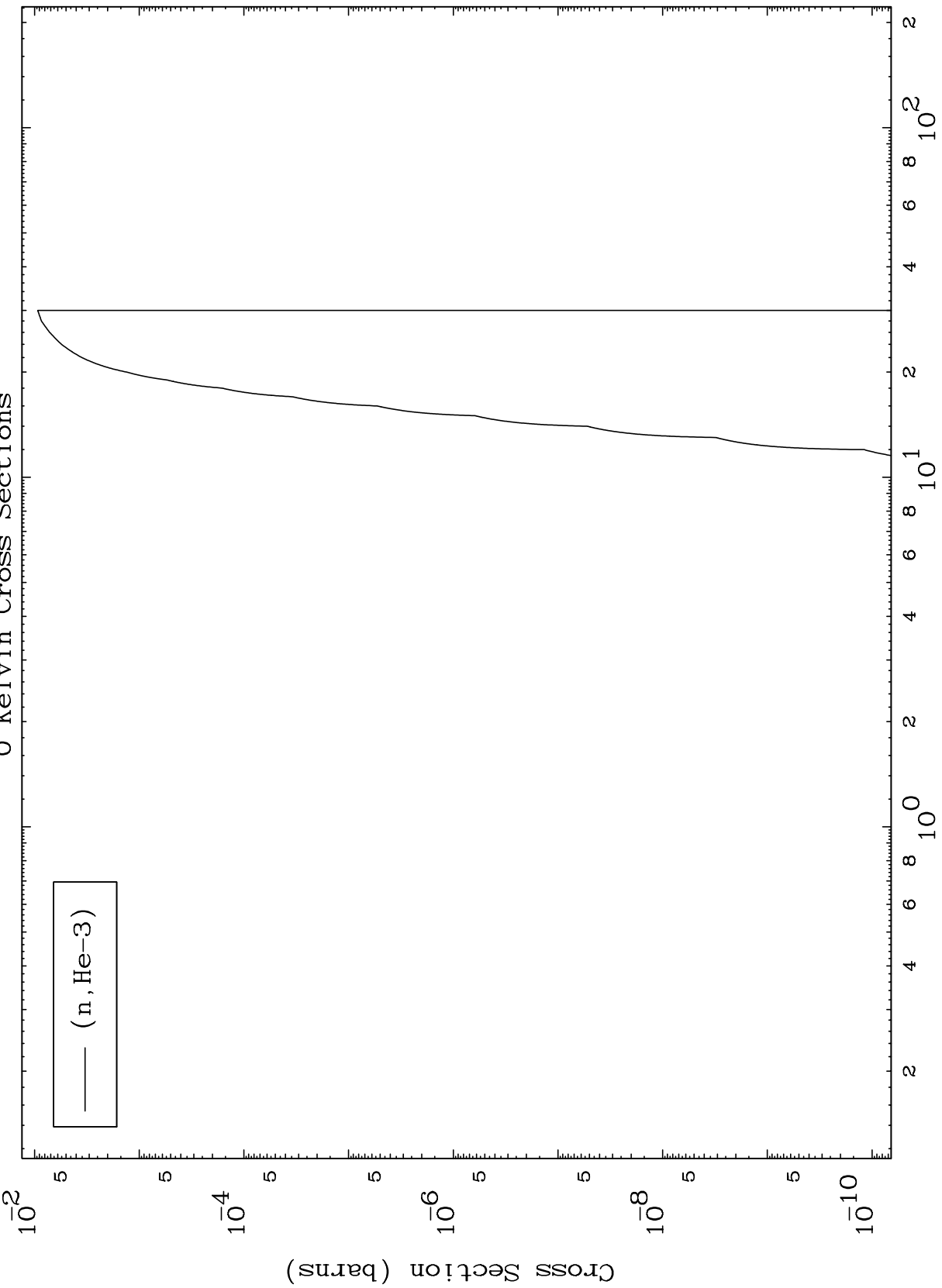


MAT 7055

(He-3, He3) Levels

70-Yb-178

0 Kelvin Cross Sections



10

Incident Energy (MeV)

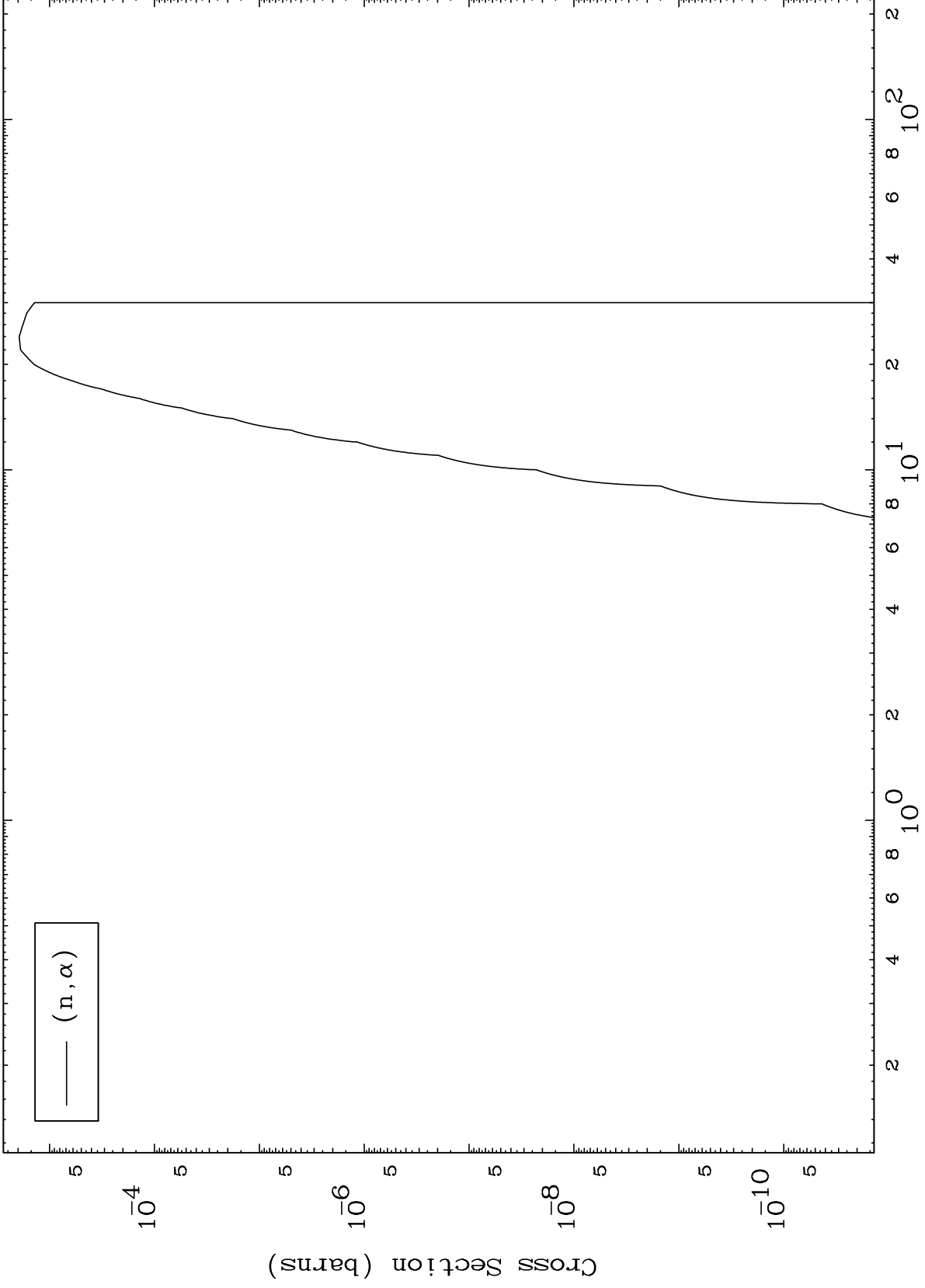
70-Yb-178

MAT 7055

(He-3, α) Levels

70-Yb-178

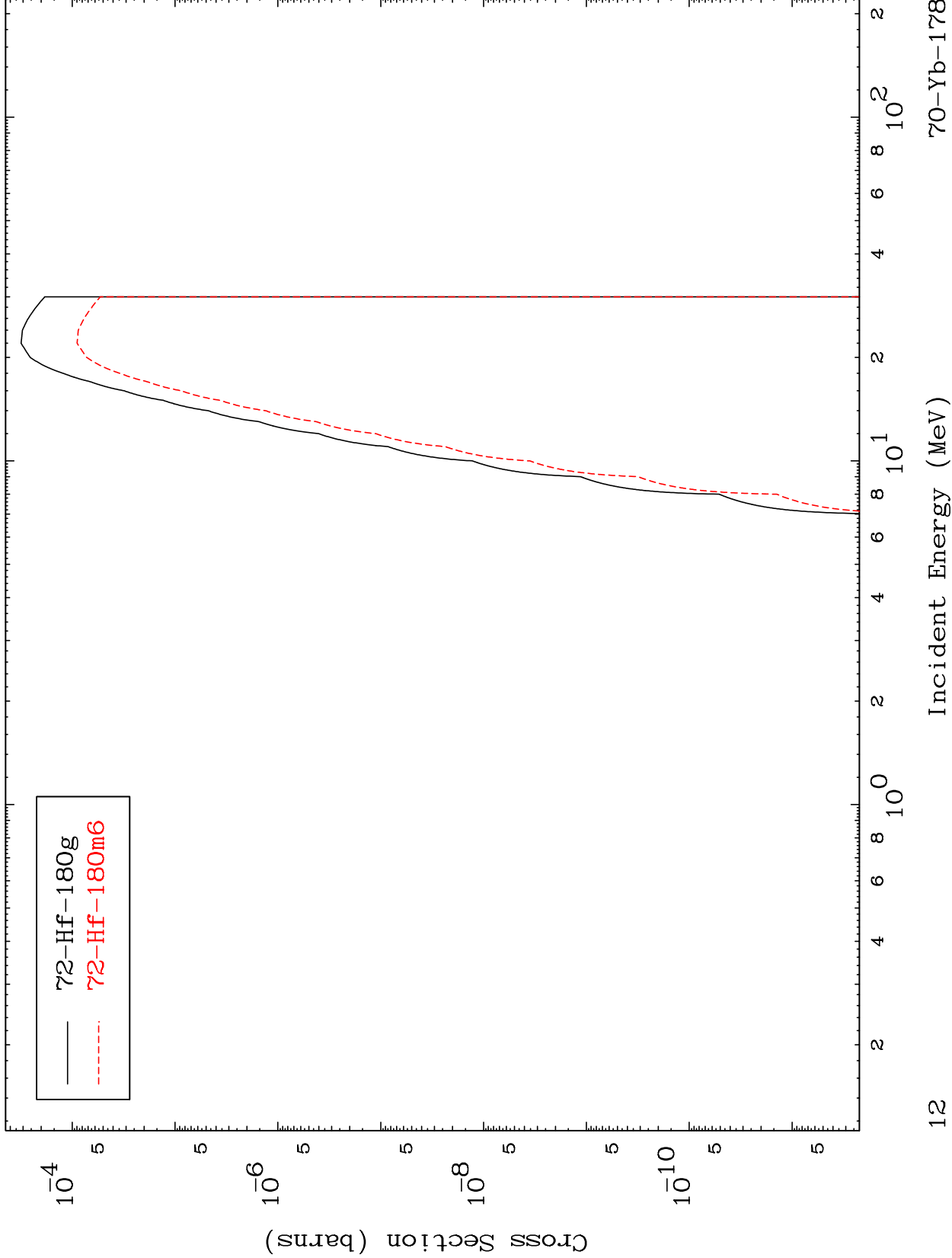
0 Kelvin Cross Sections



MAT 7055

Inelastic
Radionuclide Production Cross Section

70-Yb-178



12

Incident Energy (MeV)

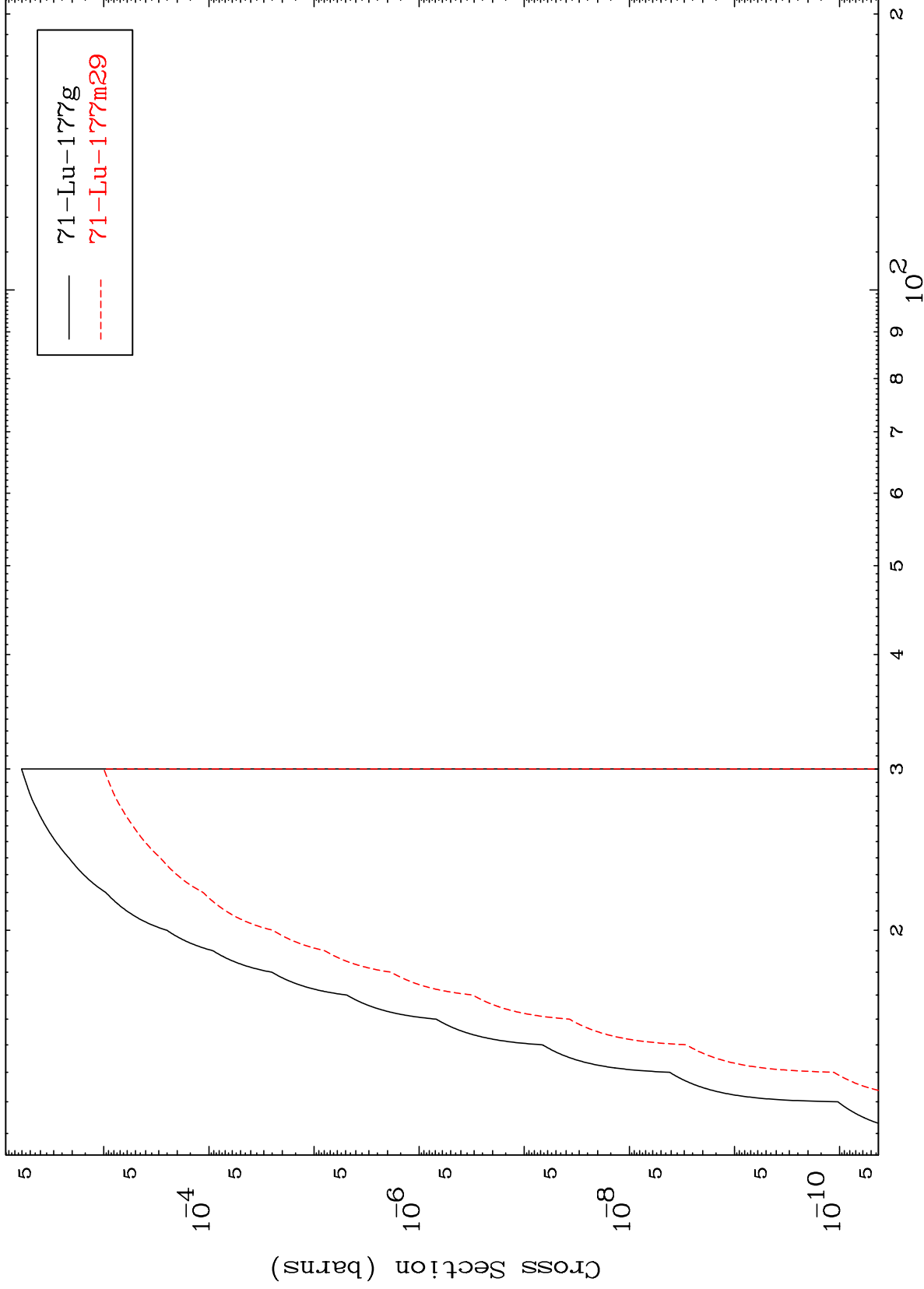
70-Yb-178

MAT 7055

(n,2n) d

70-Yb-178

Radionuclide Production Cross Section



13

Incident Energy (MeV)

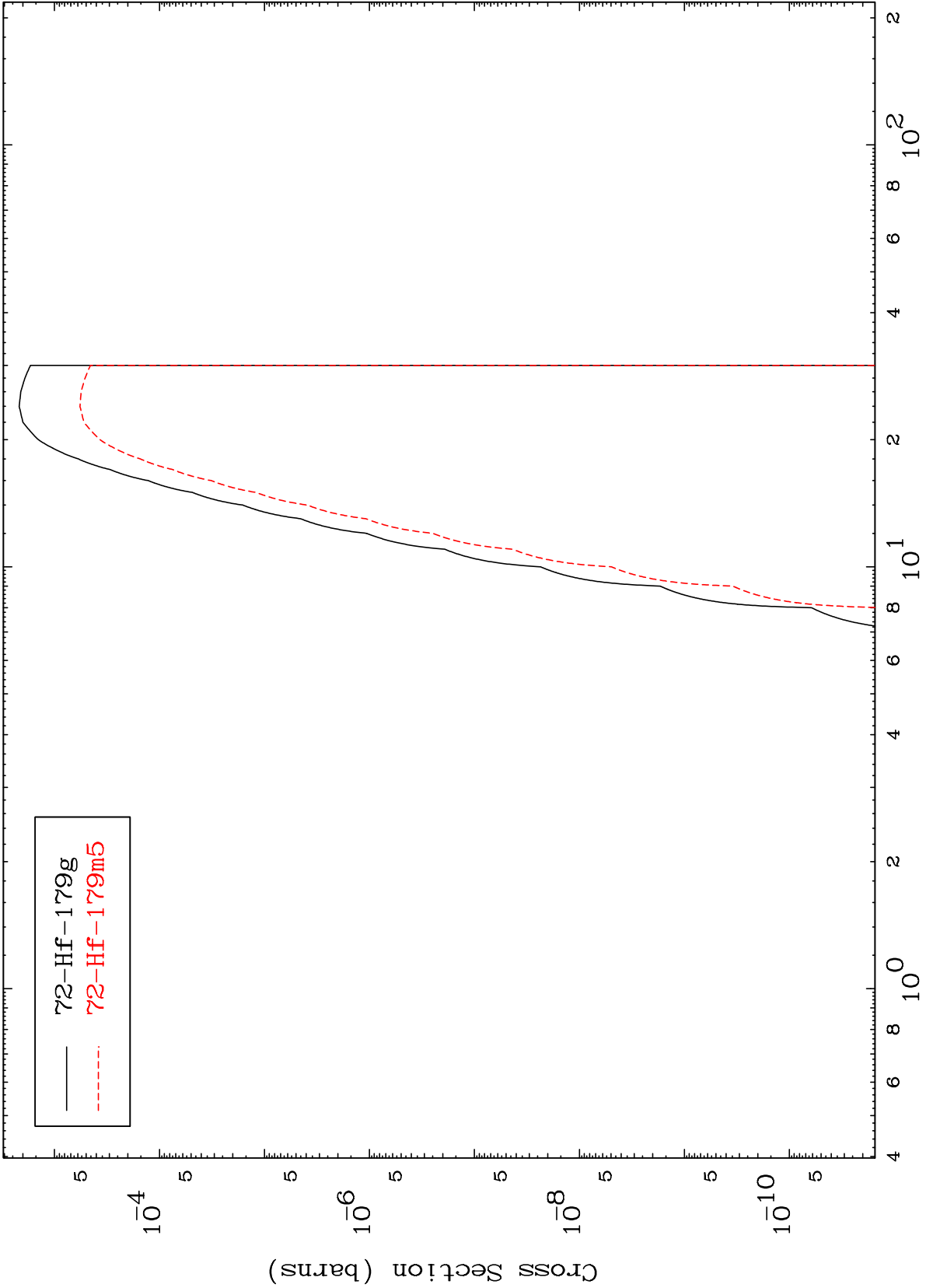
70-Yb-178

MAT 7055

(n,2n)

70-Yb-178

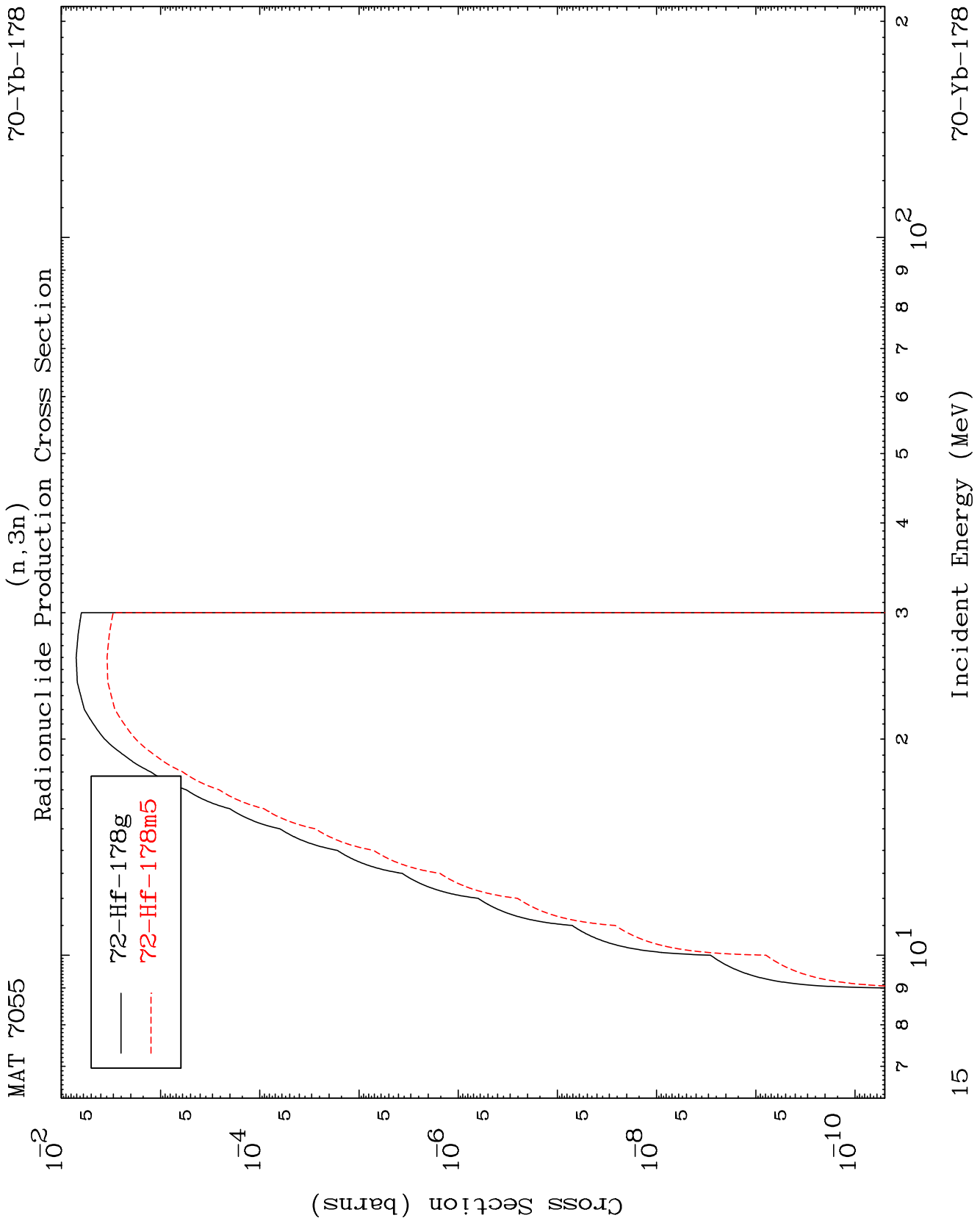
Radionuclide Production Cross Section



14

Incident Energy (MeV)

70-Yb-178

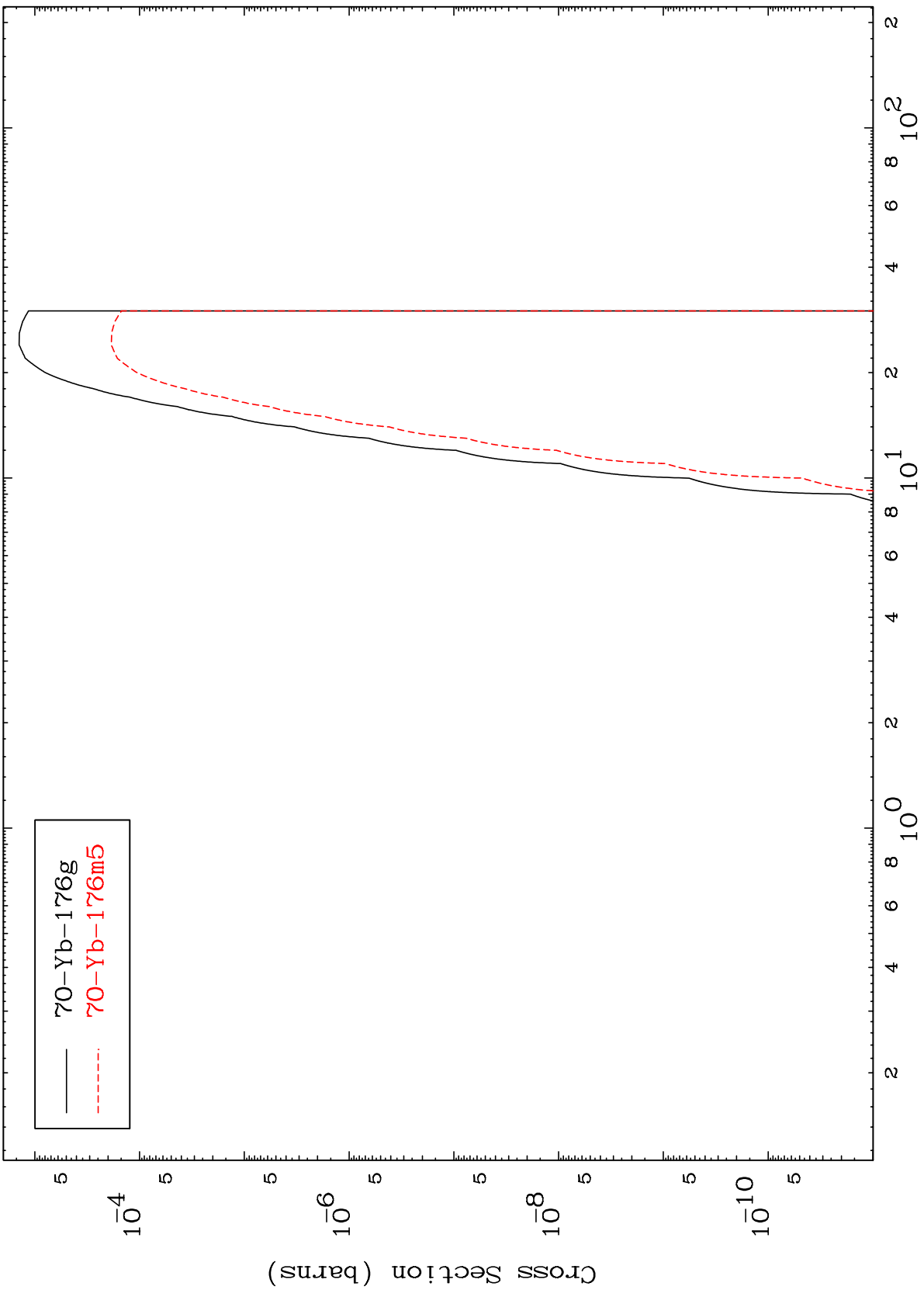


MAT 7055

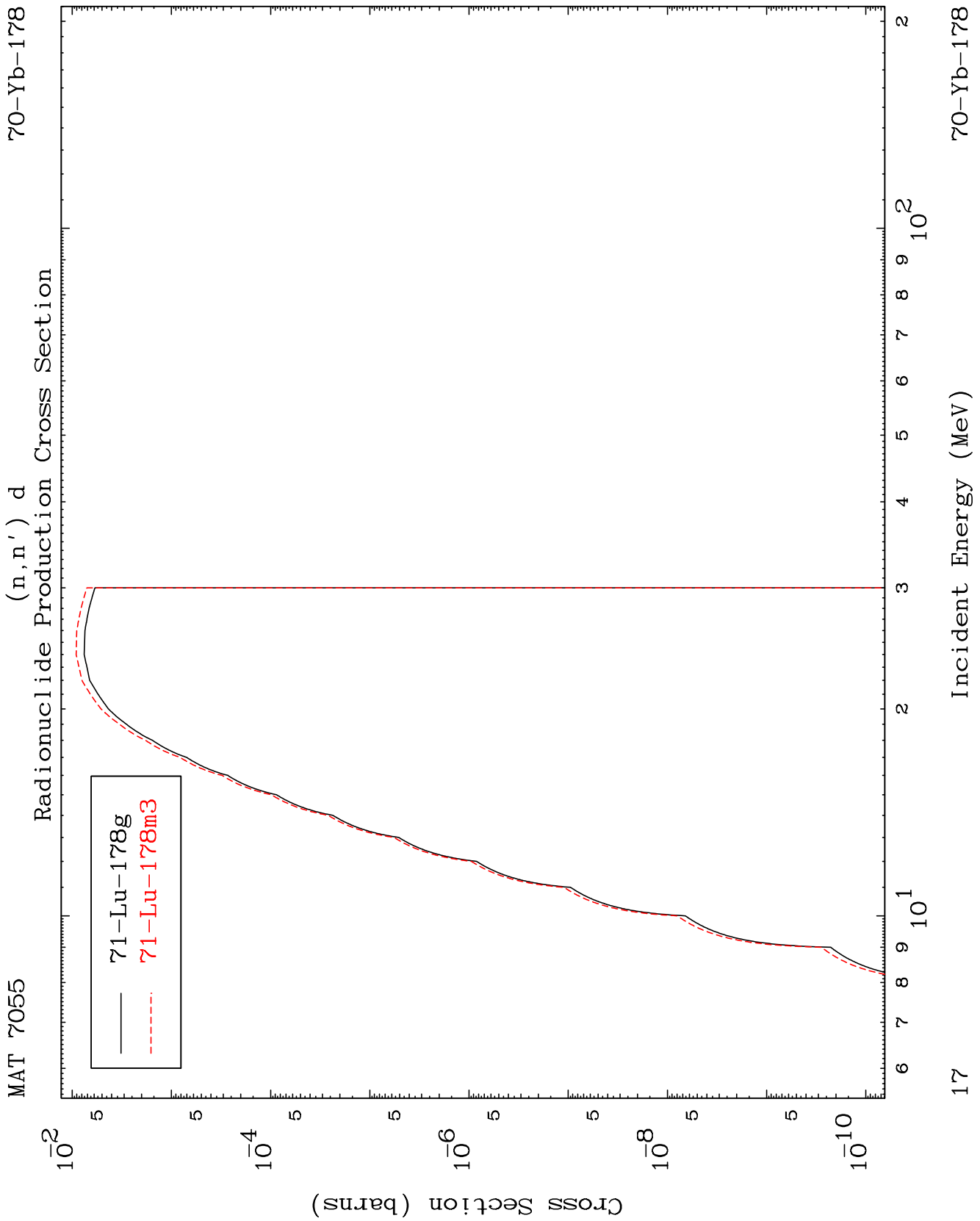
$(n, n') \alpha$

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

Radionuclide Production Cross Section



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

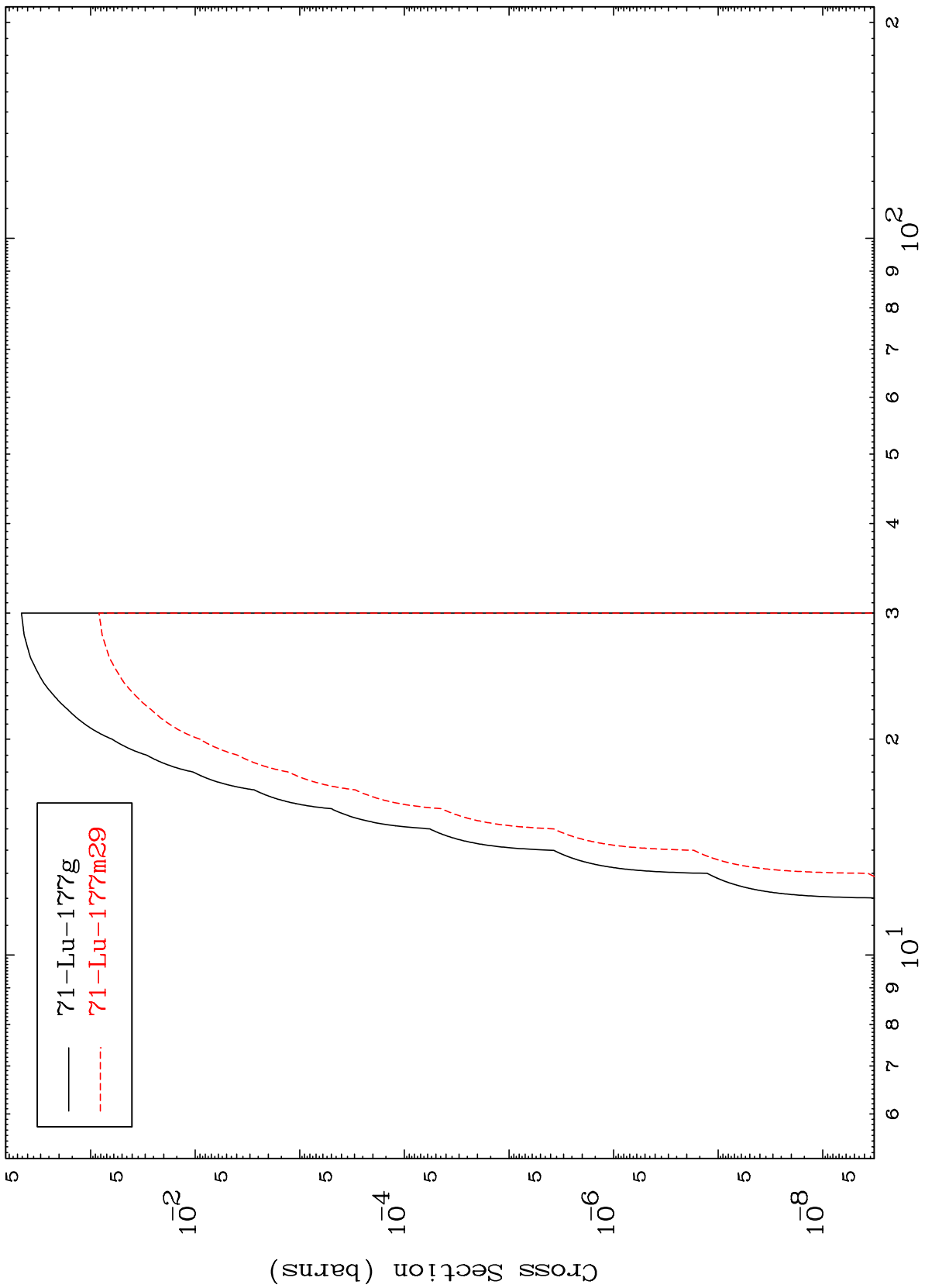


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(n,n') t

70-Yb-178

Radionuclide Production Cross Section



18

Incident Energy (MeV)

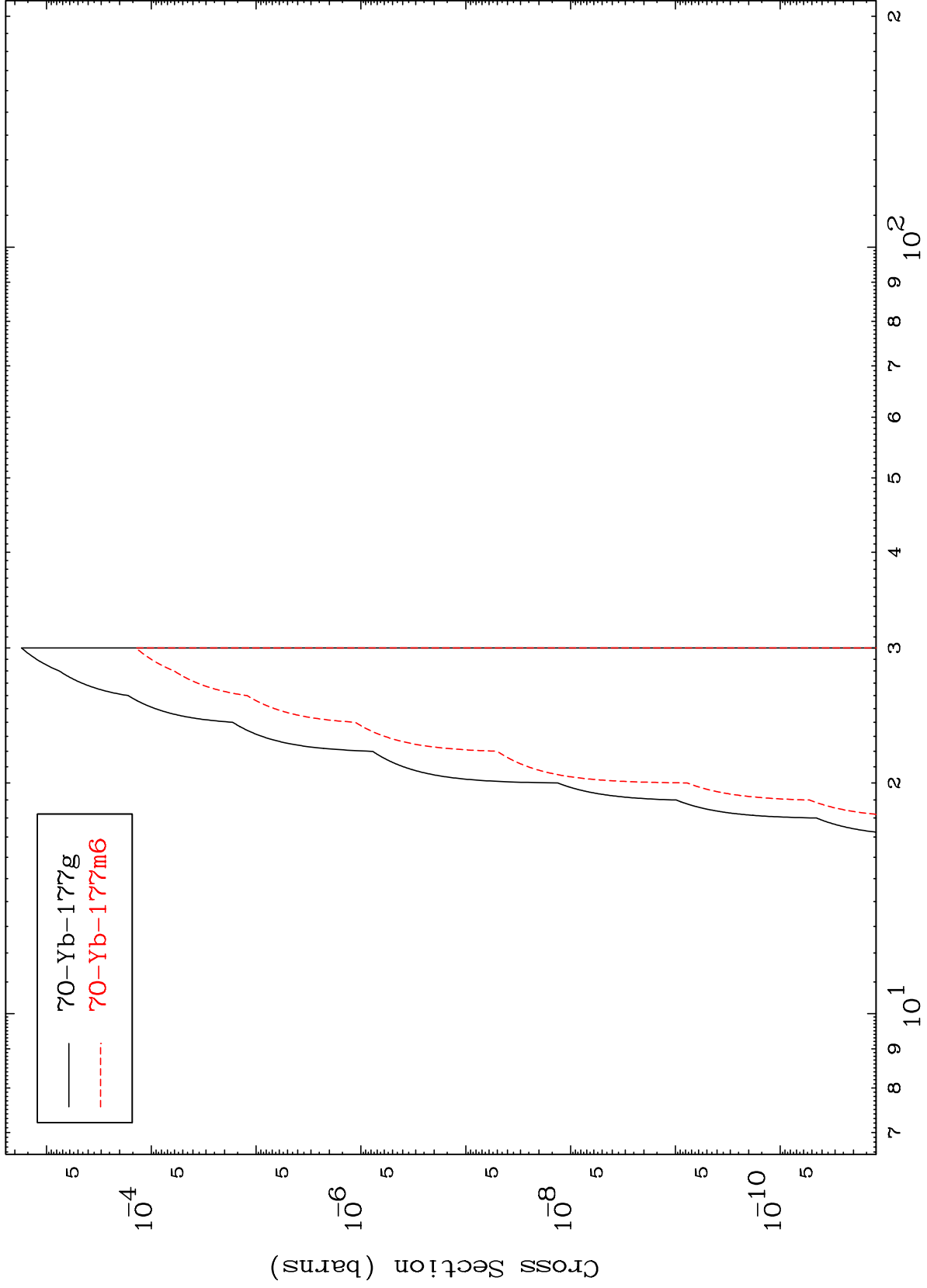
70-Yb-178

MAT 7055

(n,n') He-3

70-Yb-178

Radionuclide Production Cross Section



19

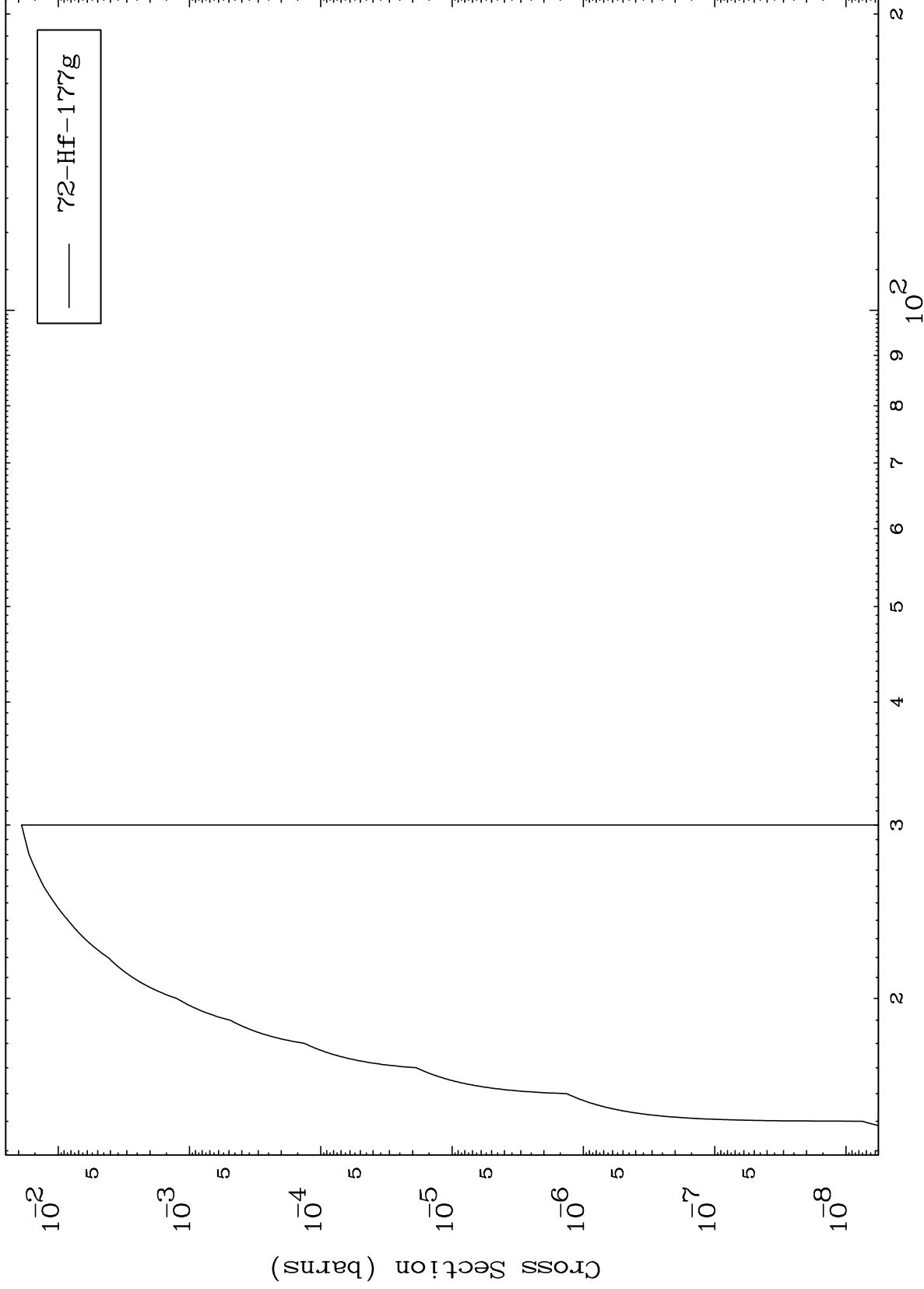
Incident Energy (MeV)

70-Yb-178

MAT 7055

70-Yb-178

(n,4n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

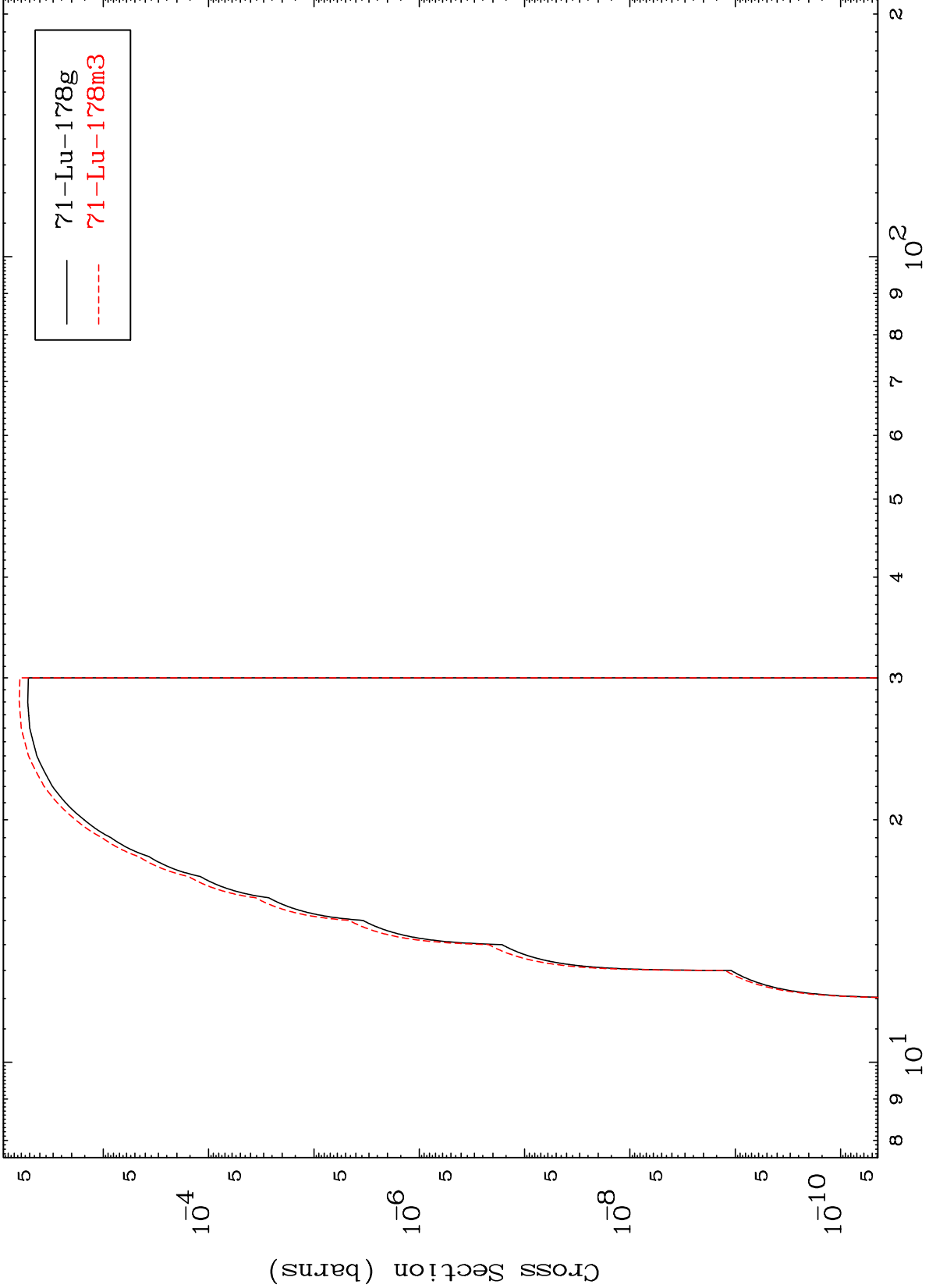
70-Yb-178

MAT 7055

(n,2n) p

70-Yb-178

Radionuclide Production Cross Section

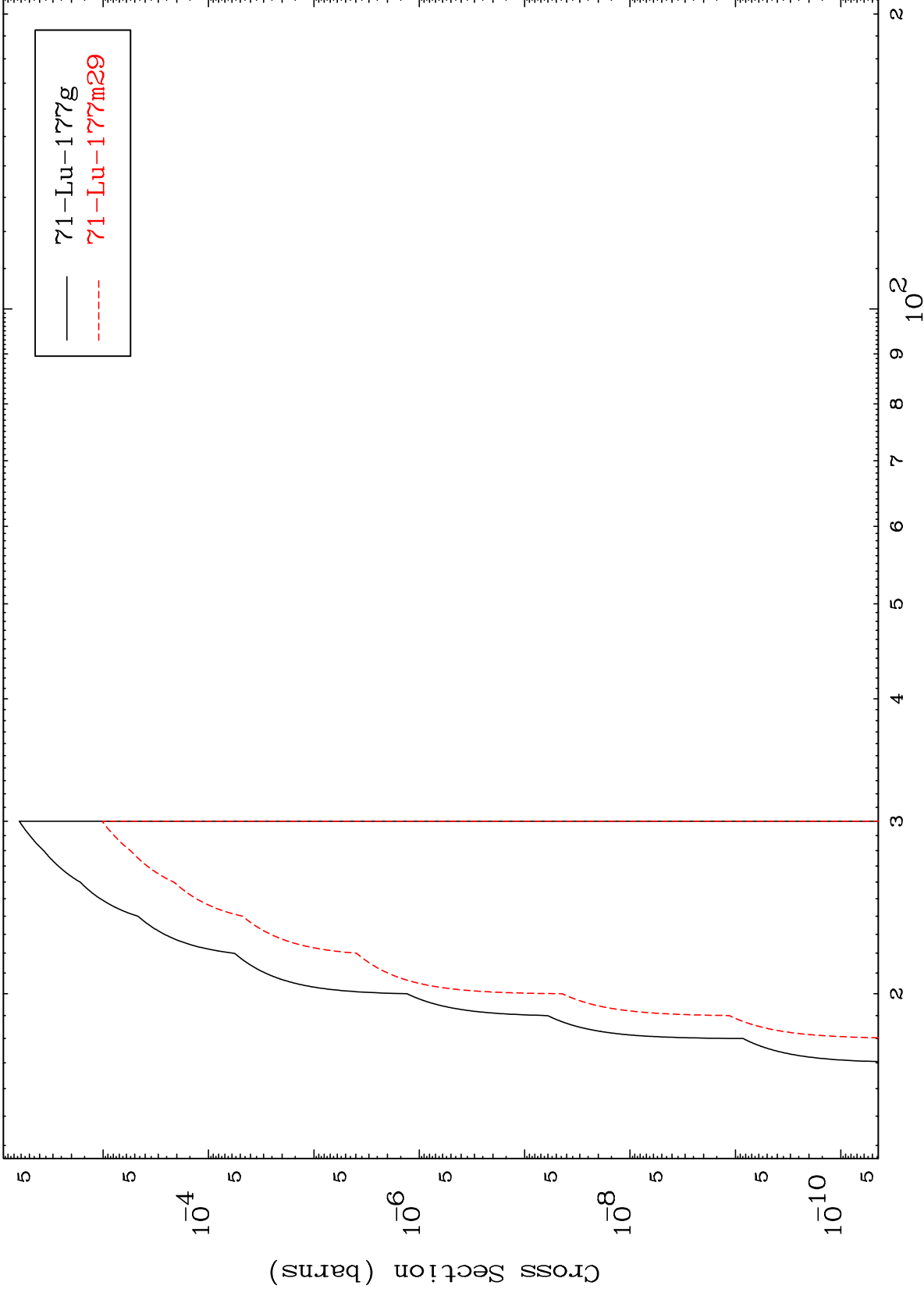


MAT 7055

(n,3n) p

70-Yb-178

Radionuclide Production Cross Section

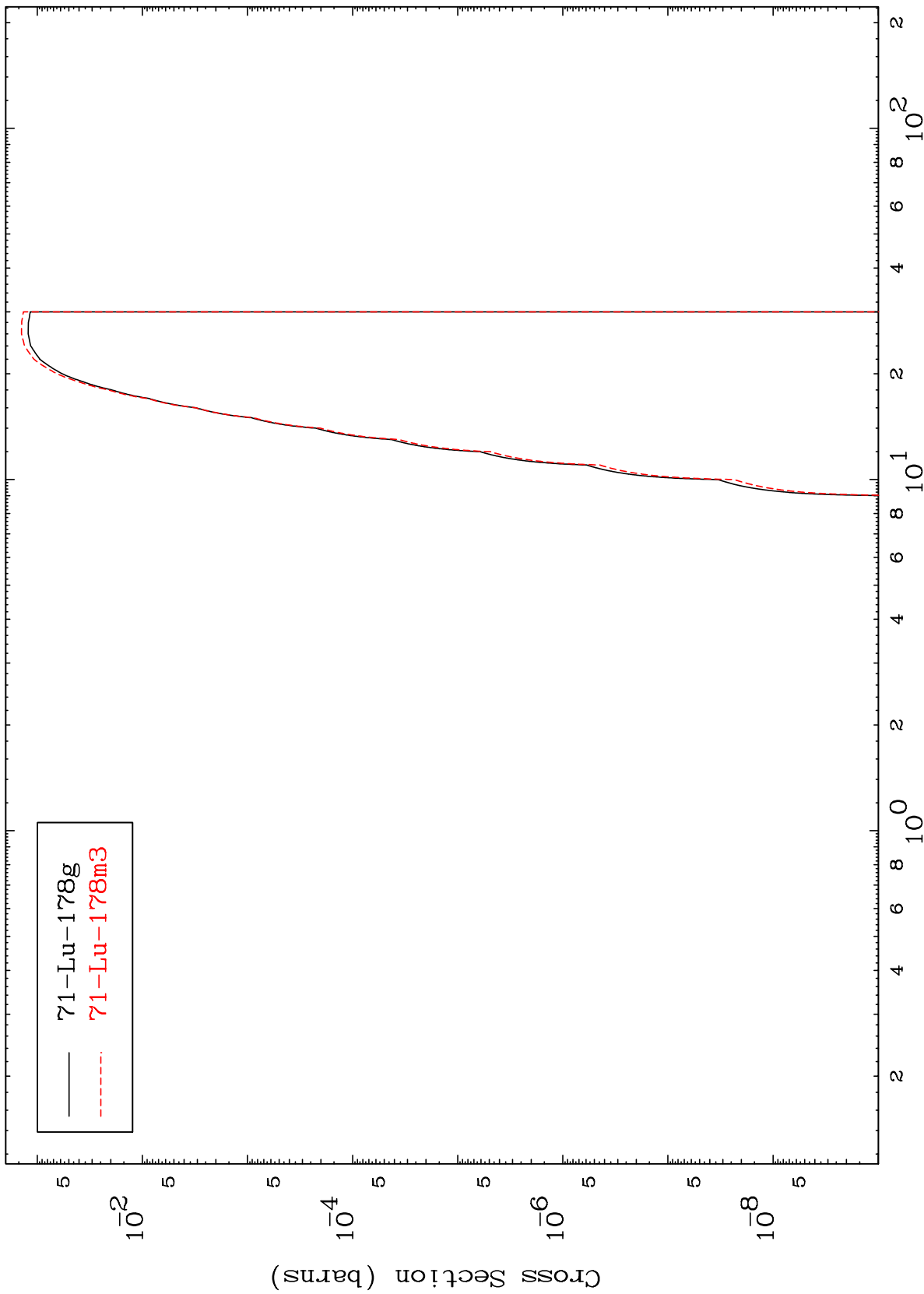


71-Lu-177g
71-Lu-177m29

MAT 7055

70-Yb-178

(n, t)
Radionuclide Production Cross Section



— 71-Lu-178g
- - - 71-Lu-178m3

70-Yb-178

Incident Energy (MeV)

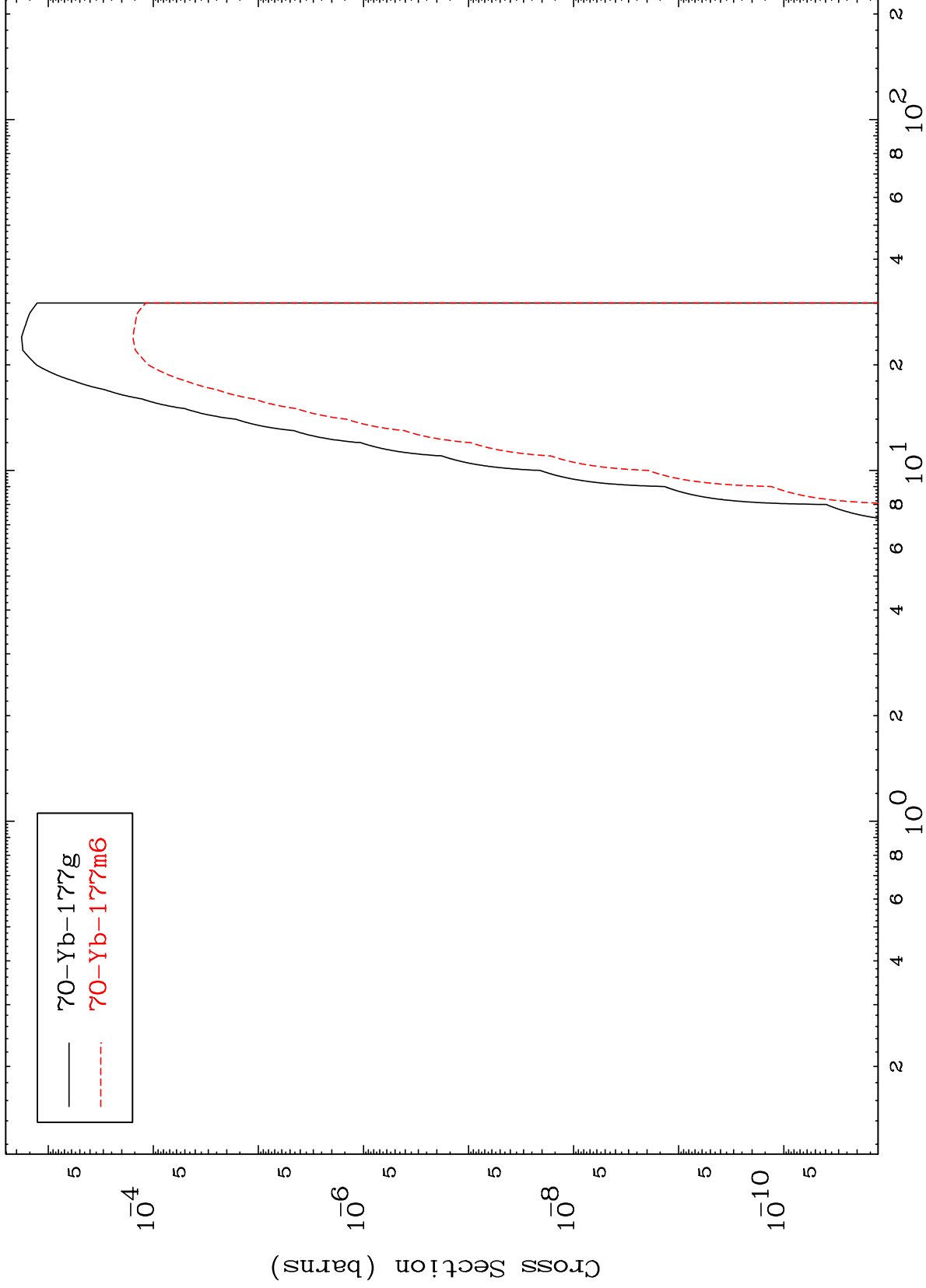
23

MAT 7055

(n, α)

⁷⁰Yb-178

Radionuclide Production Cross Section



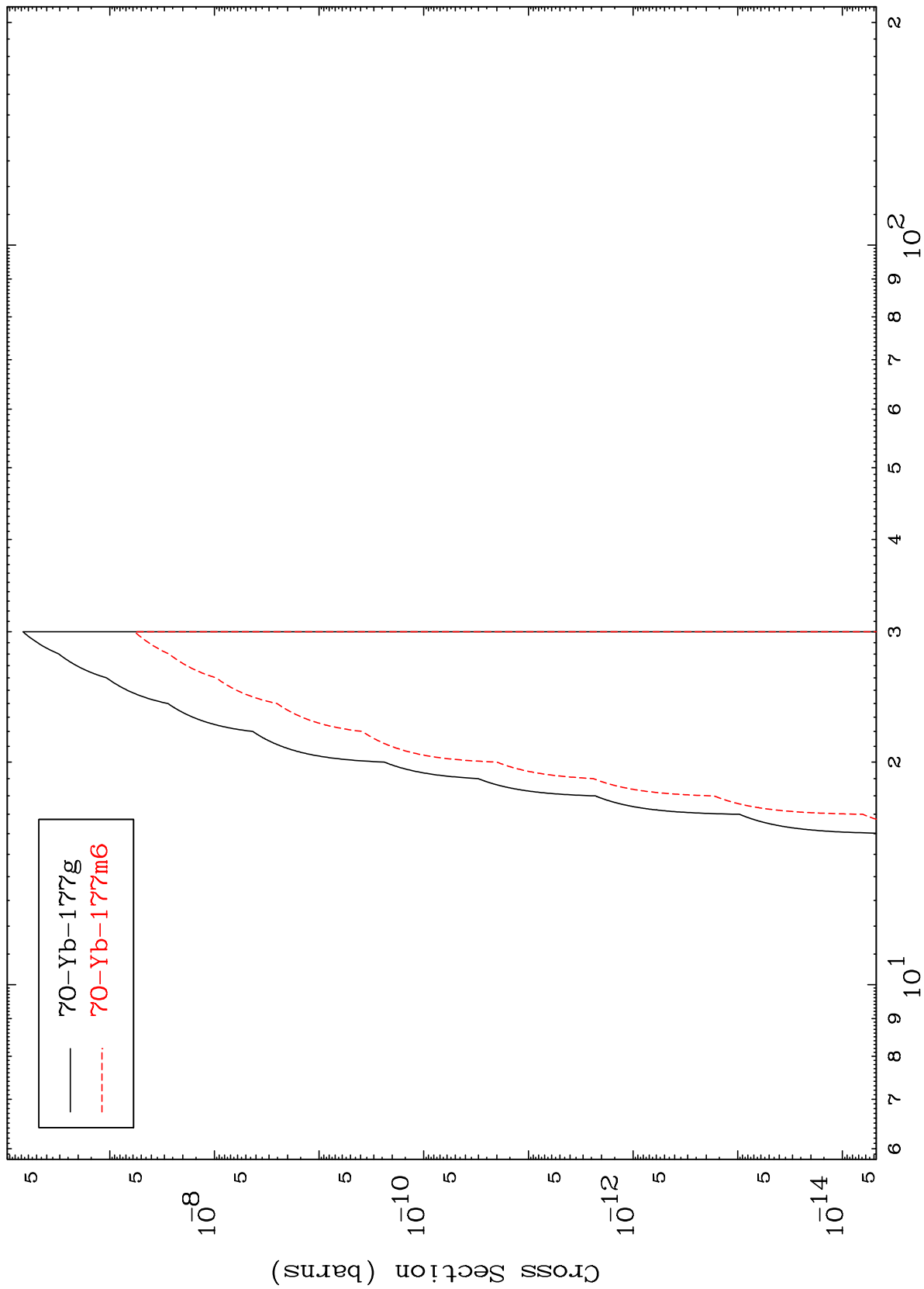
— ⁷⁰Yb-177g
- - - ⁷⁰Yb-177m6

MAT 7055

(n,p) t

70-Yb-178

Radionuclide Production Cross Section



25

Incident Energy (MeV)

70-Yb-178