

Program EVALPLOT
(Version 2021-1)

by

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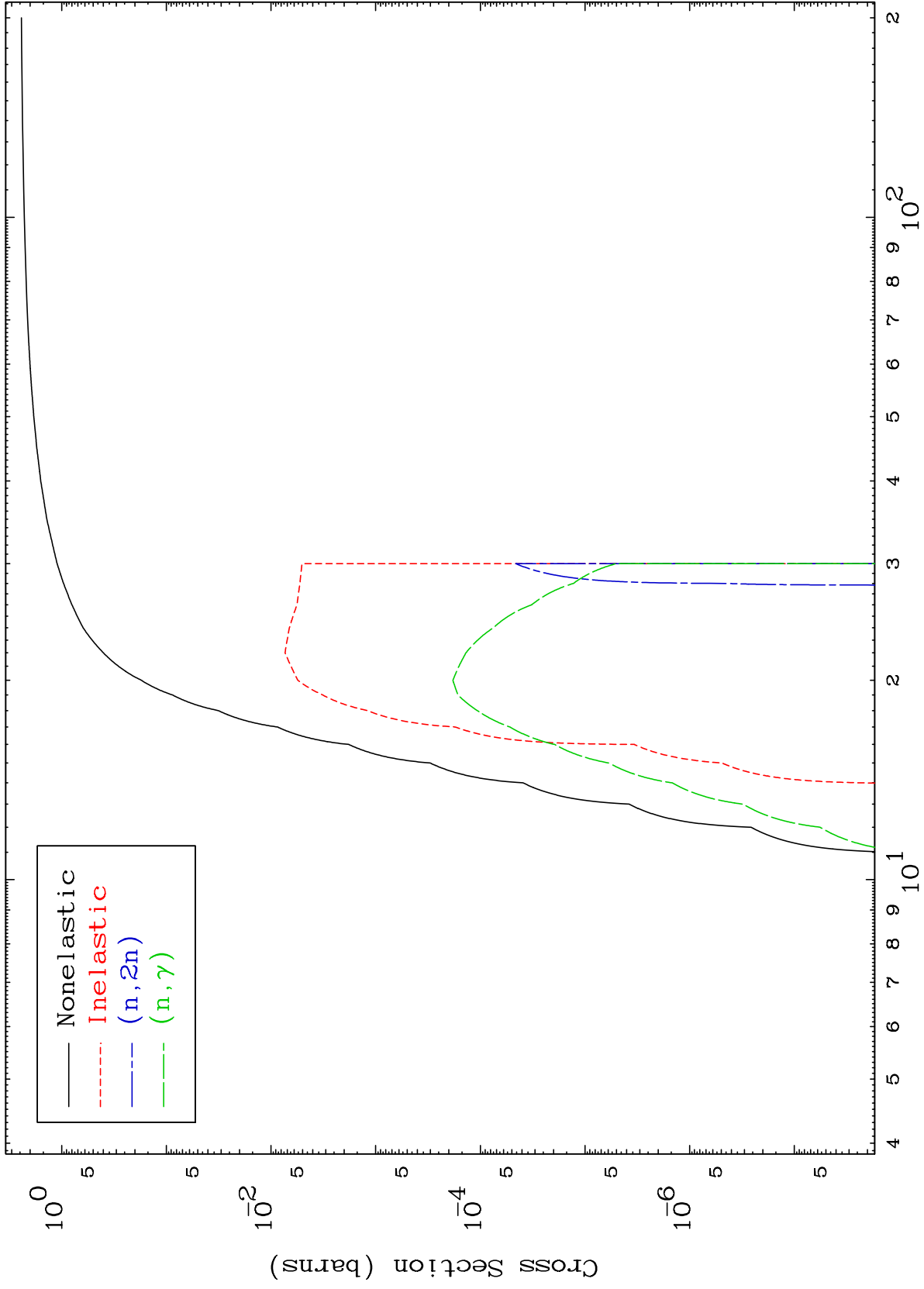
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6975

0 Kelvin Cross Sections

70-Yb-151m



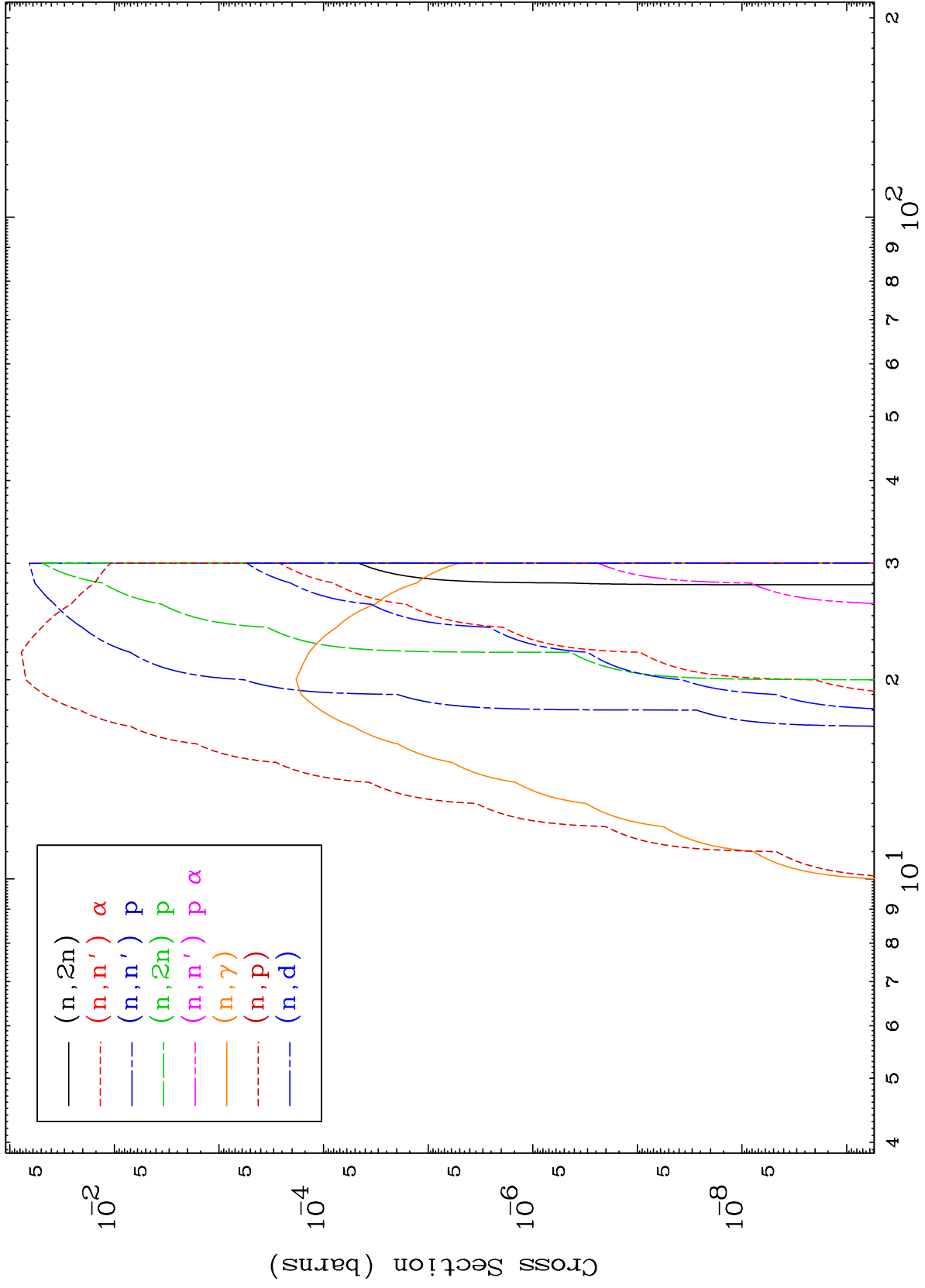
Incident Energy (MeV)

70-Yb-151m

MAT 6975

α Neutron Absorption
0 Kelvin Cross Sections

70-Yb-151m



70-Yb-151m

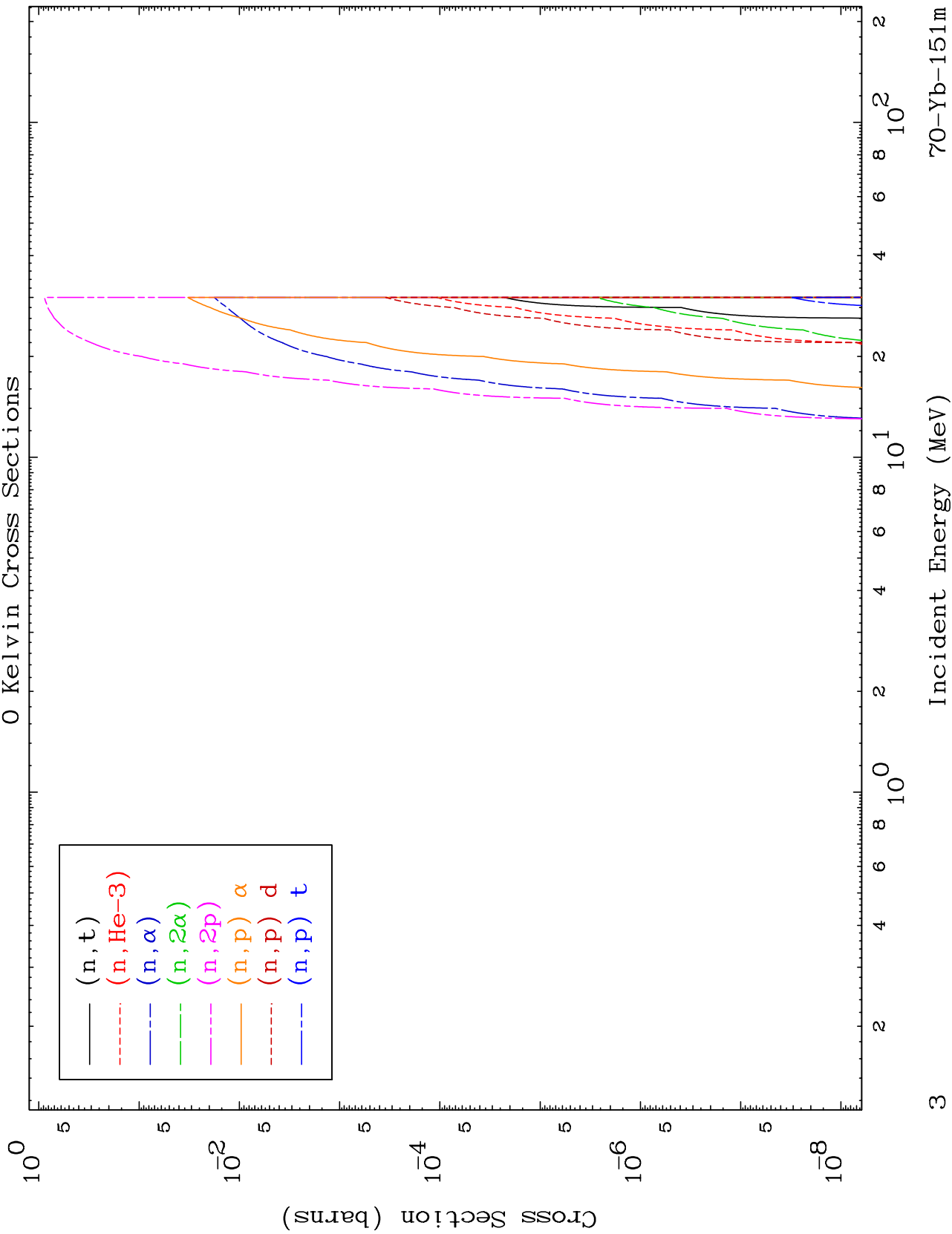
Incident Energy (MeV)

2

MAT 6975

α Neutron Absorption
0 Kelvin Cross Sections

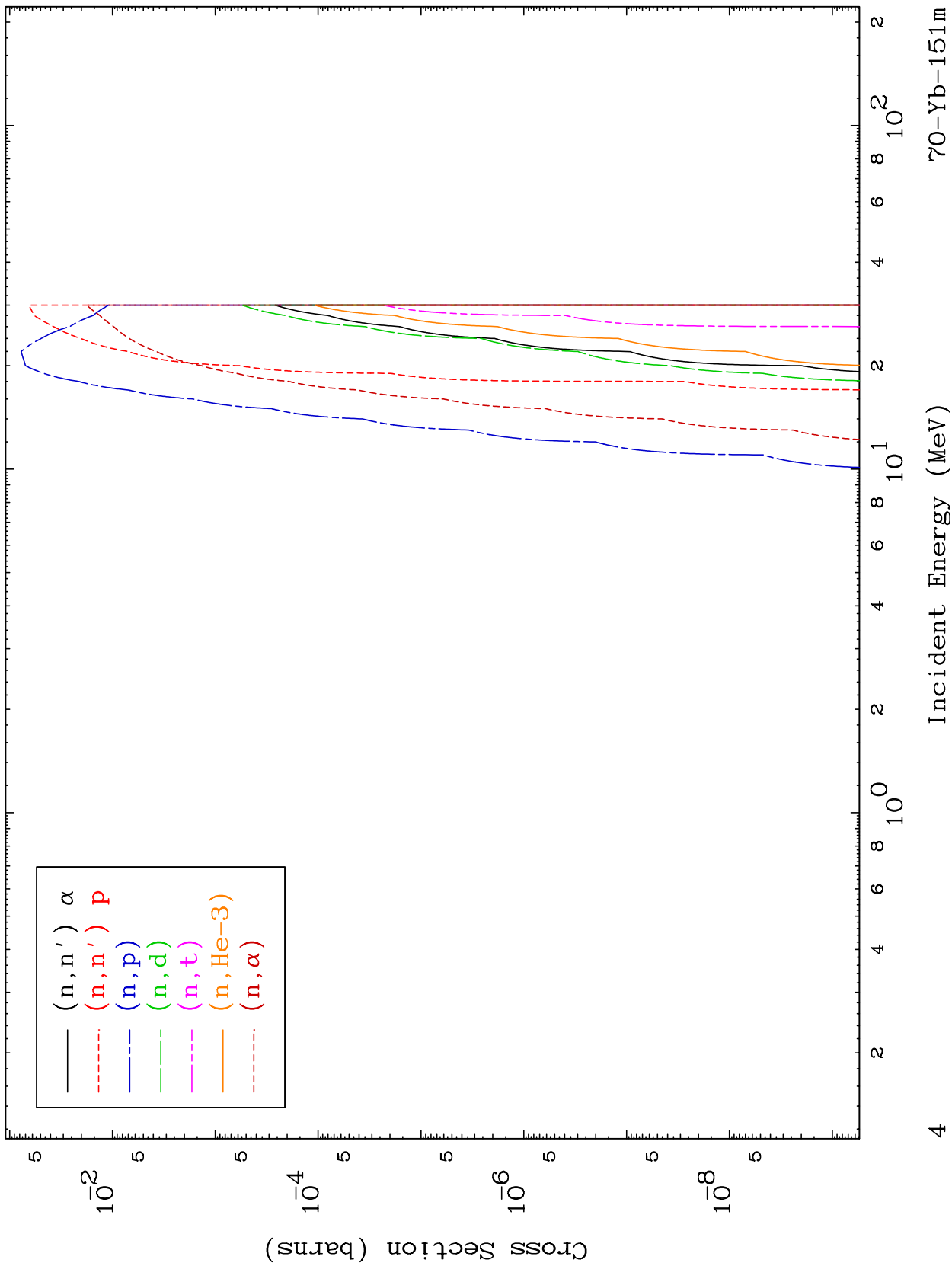
70-Yb-151m



MAT 6975

α Charged Particle
0 Kelvin Cross Sections

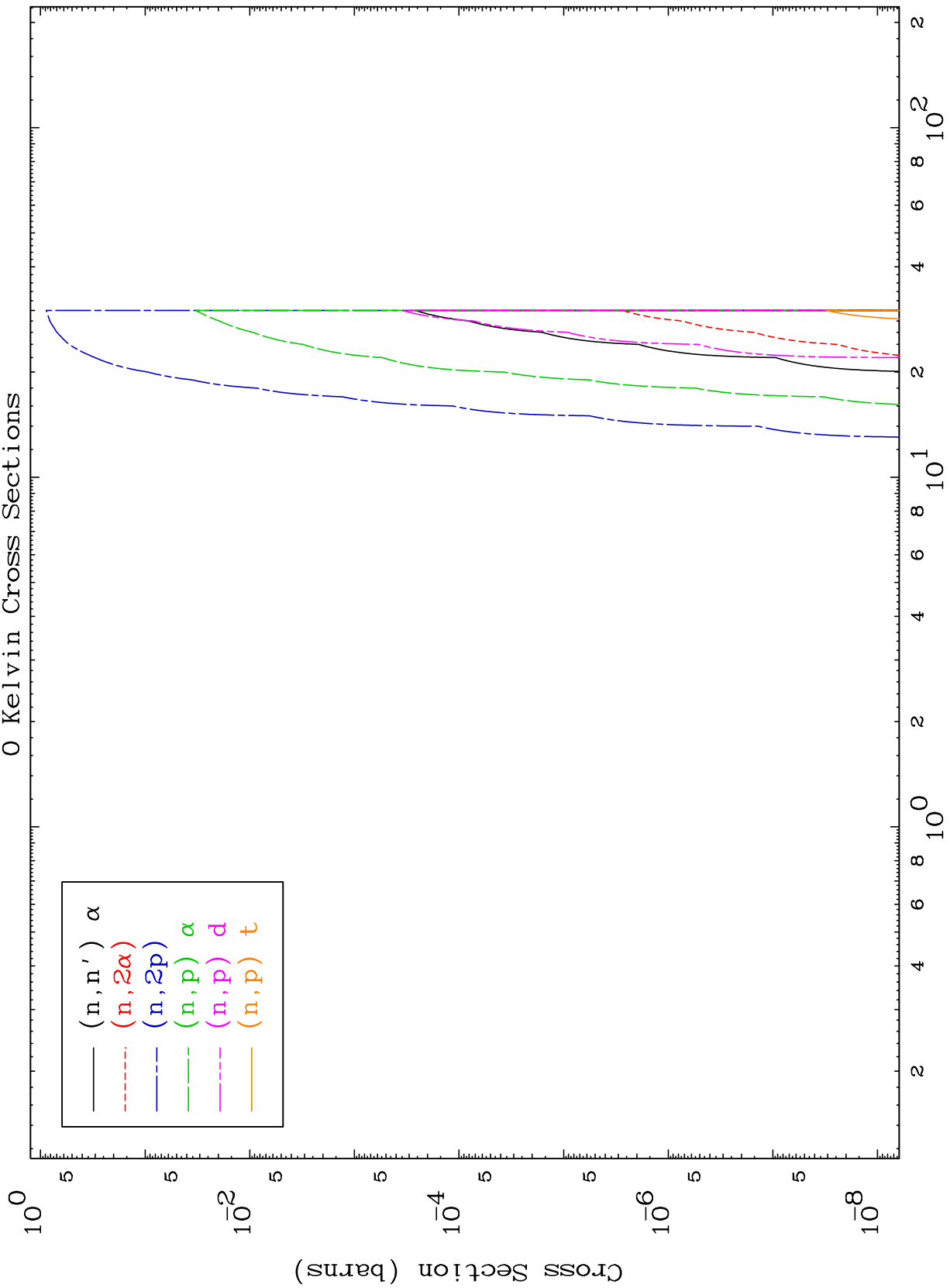
70-Yb-151m



MAT 6975

α Charged Particle
0 Kelvin Cross Sections

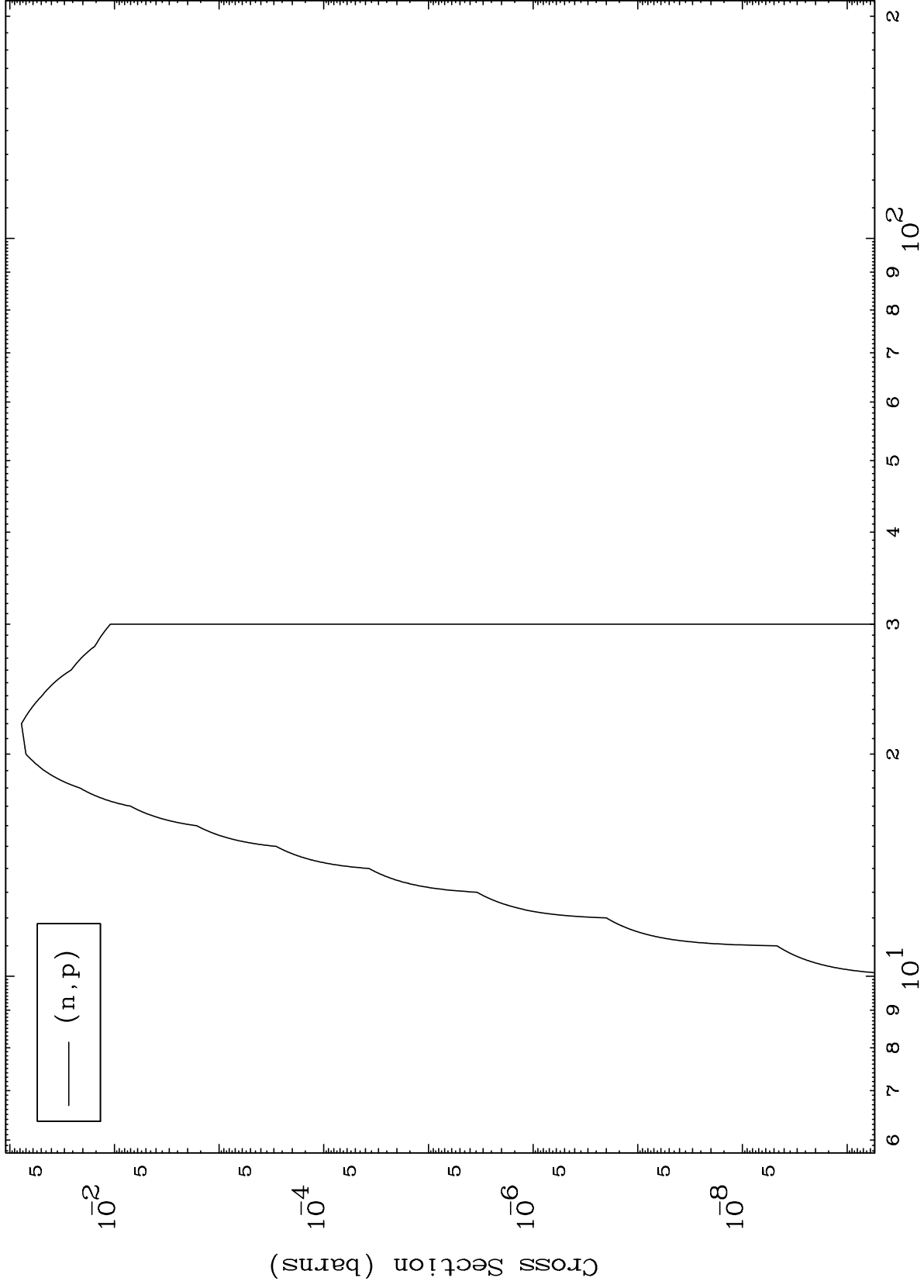
70-Yb-151m



MAT 6975

(α, p) Levels
0 Kelvin Cross Sections

70-Yb-151m



6

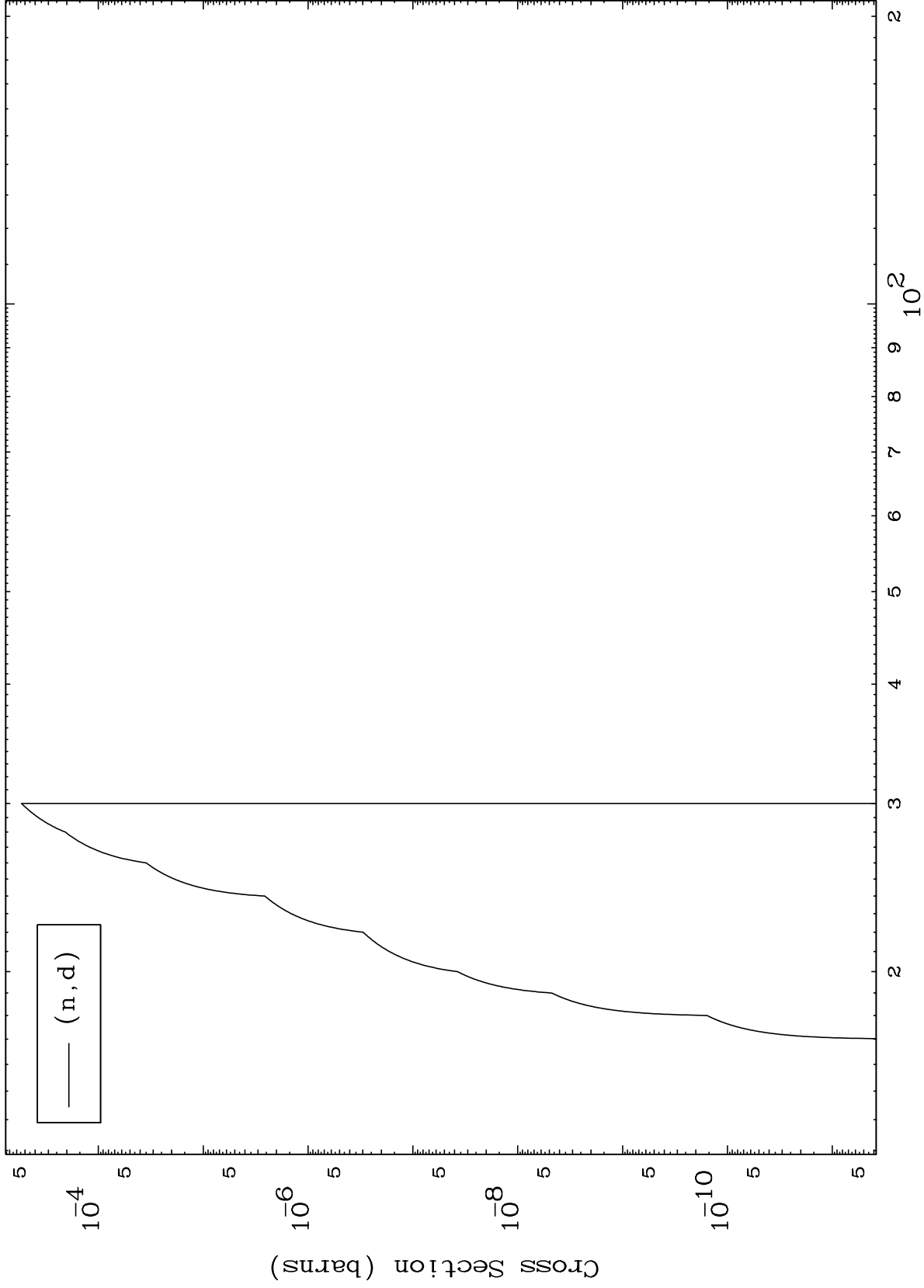
Incident Energy (MeV)

70-Yb-151m

MAT 6975

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-151m



7

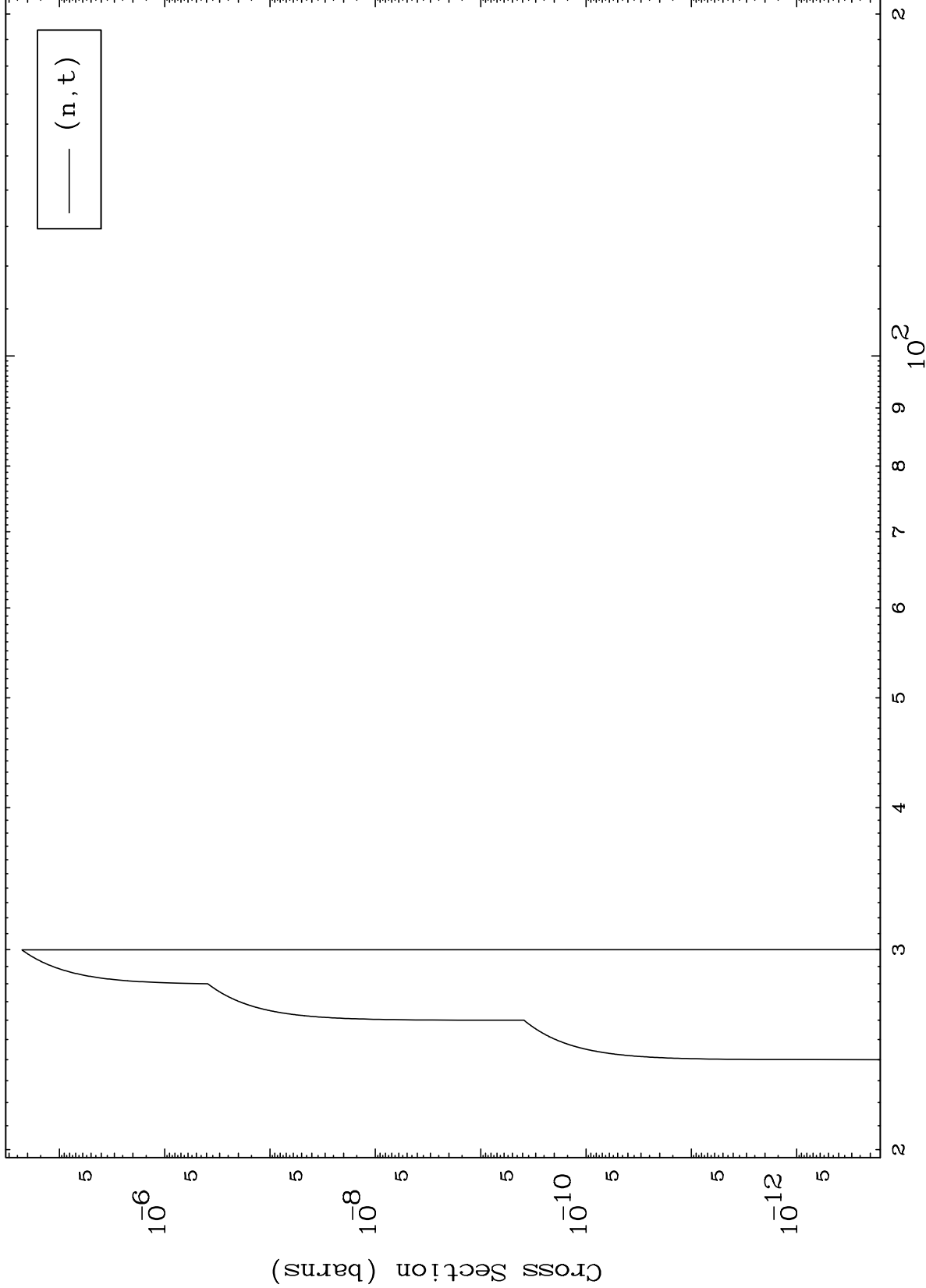
Incident Energy (MeV)

70-Yb-151m

MAT 6975

(α, t) Levels
0 Kelvin Cross Sections

70-Yb-151m



70-Yb-151m

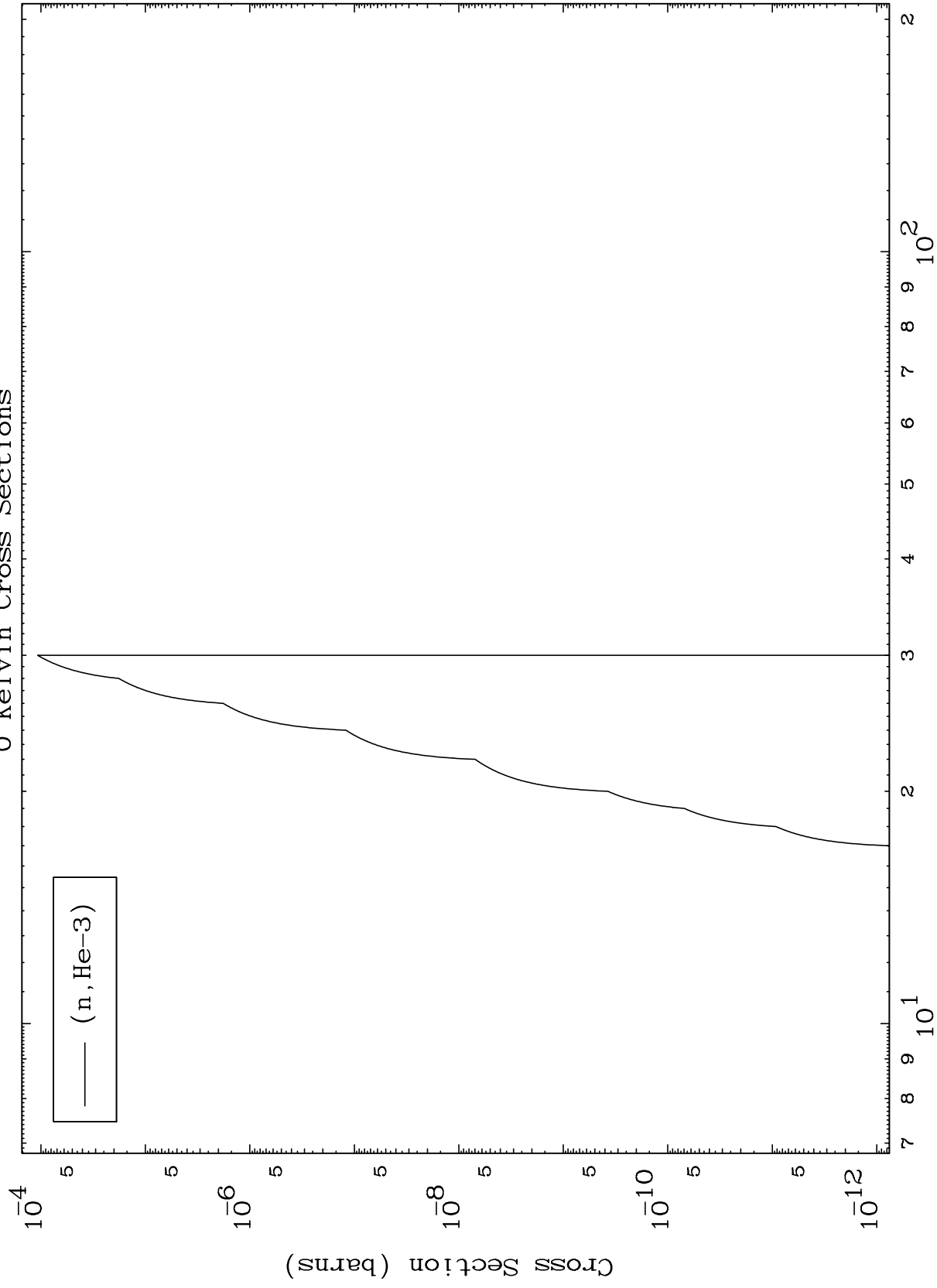
Incident Energy (MeV)

8

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

70-Yb-151m



9

Incident Energy (MeV)

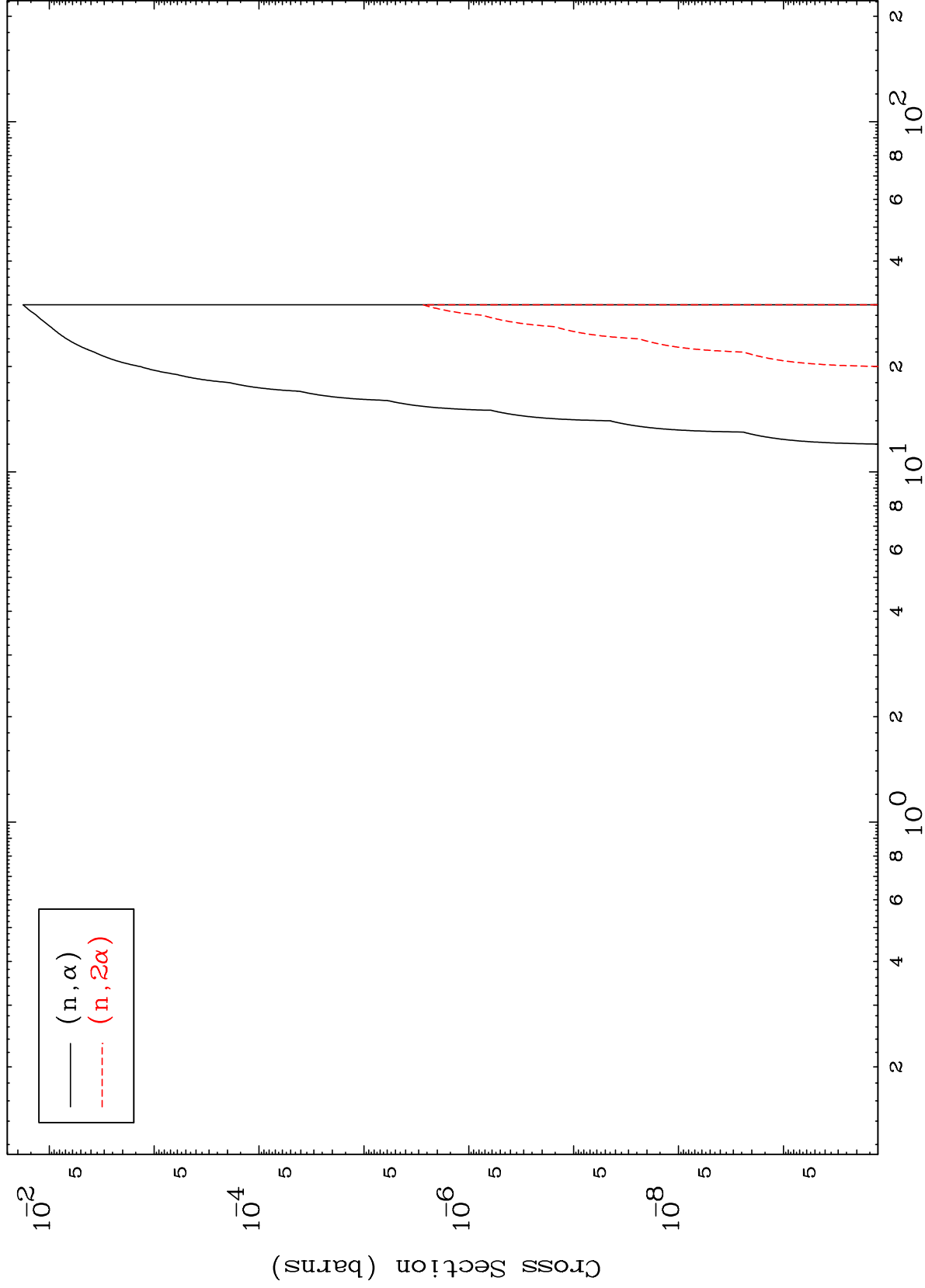
70-Yb-151m

MAT 6975

(α, α) Levels

70-Yb-151m

0 Kelvin Cross Sections



10

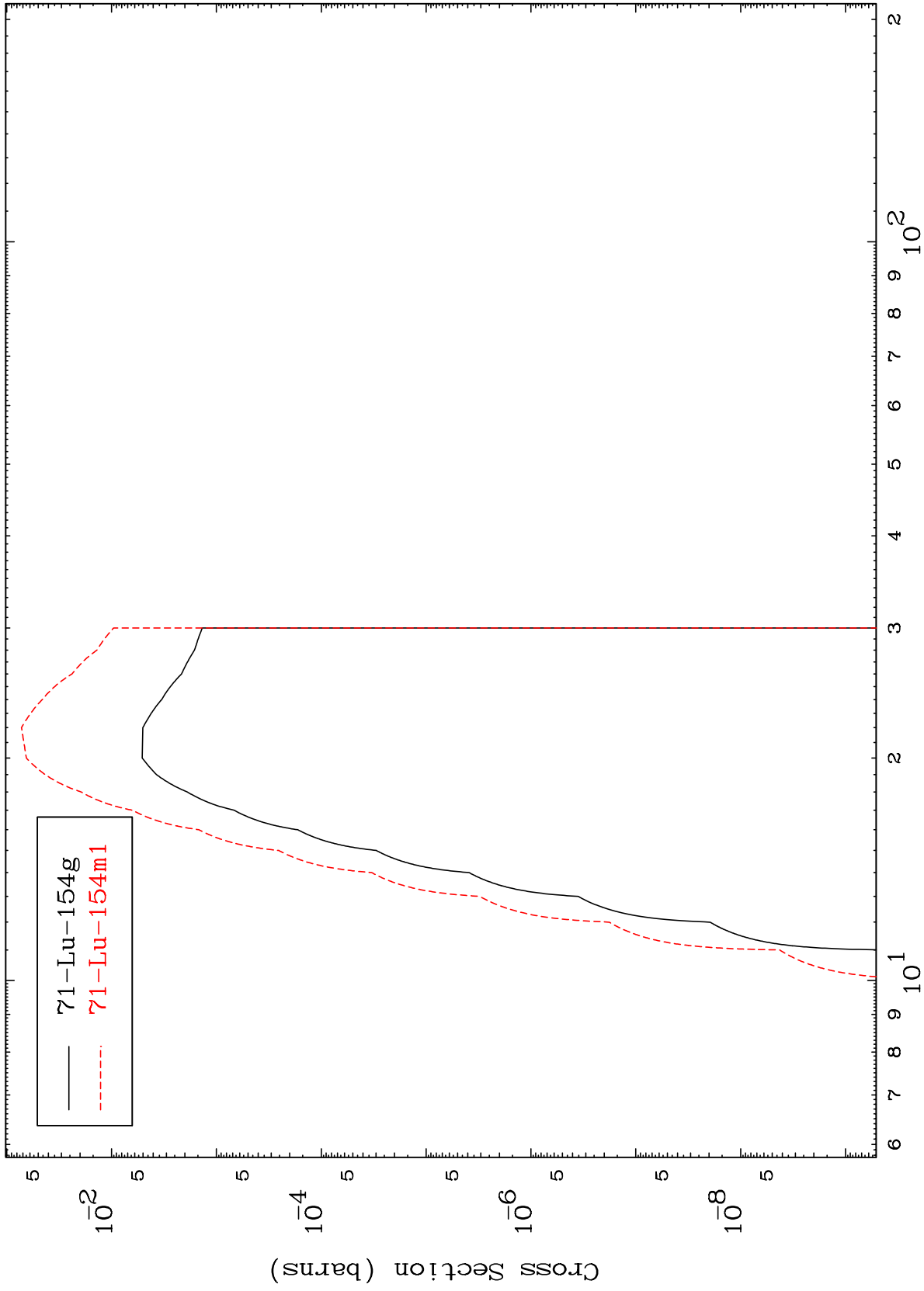
Incident Energy (MeV)

70-Yb-151m

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70-Yb-151m

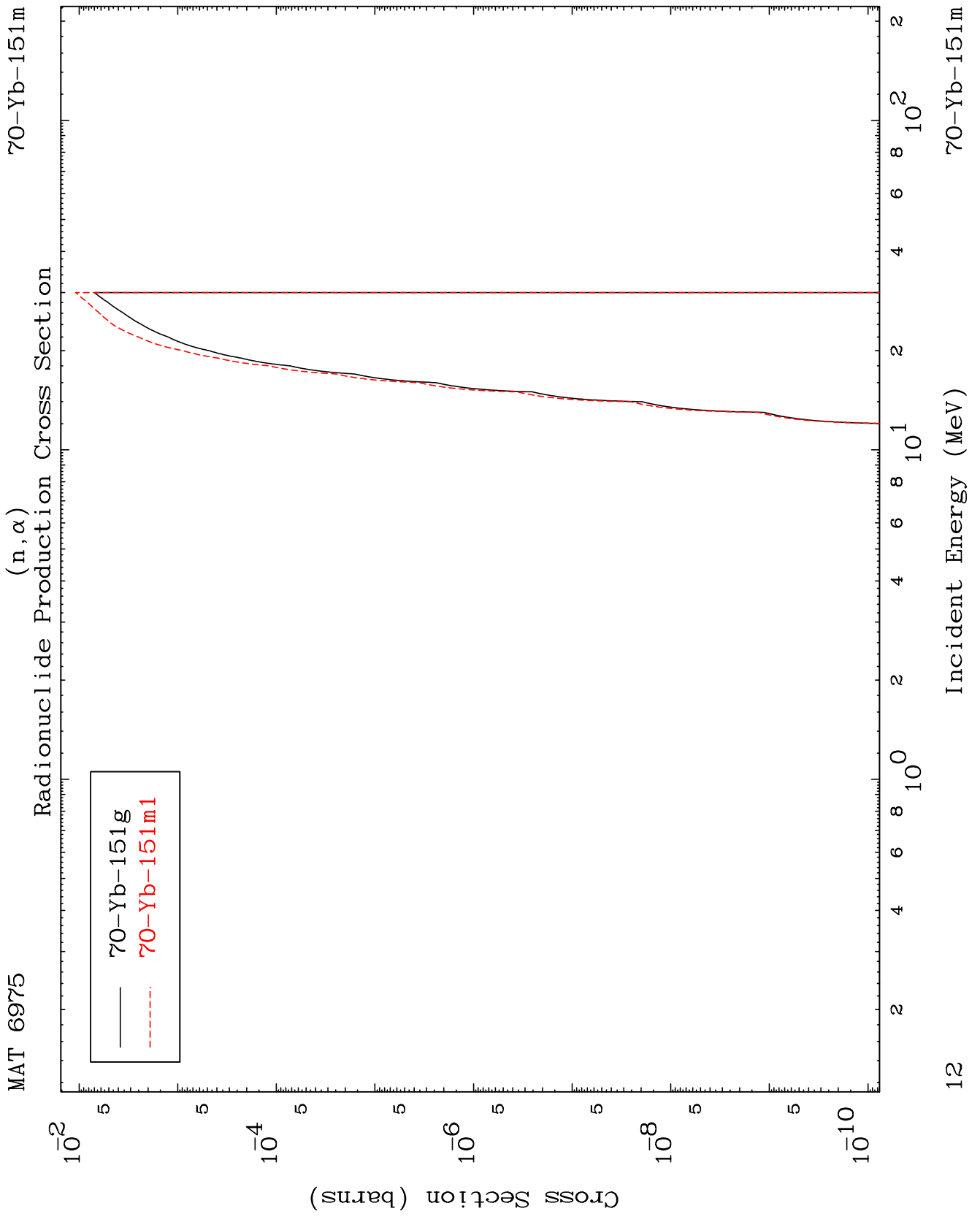
(n,p)
Radionuclide Production Cross Section



70-Yb-151m

Incident Energy (MeV)

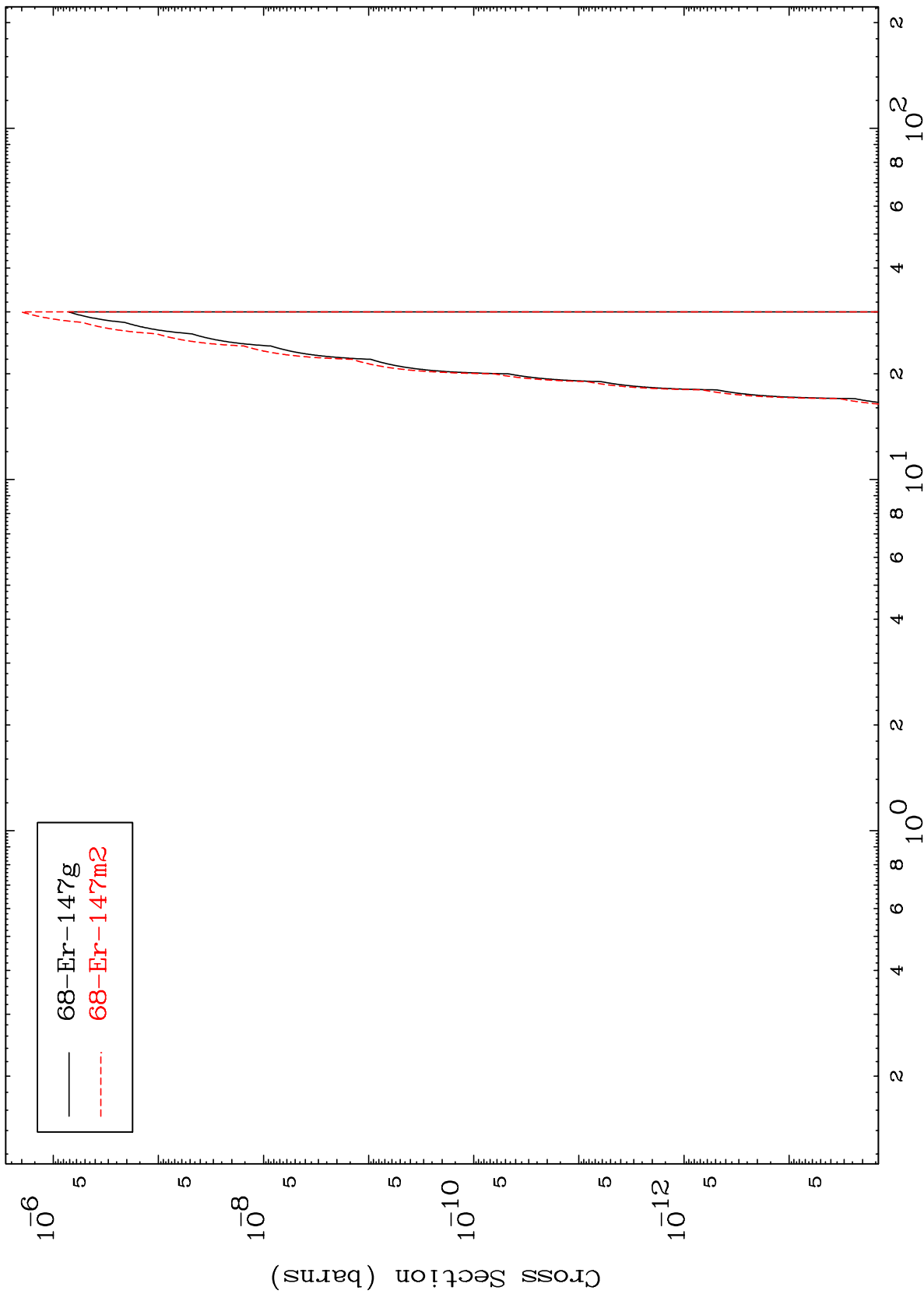
11



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70-Yb-151m

Radionuclide Production Cross Section
(n,2α)



Incident Energy (MeV)

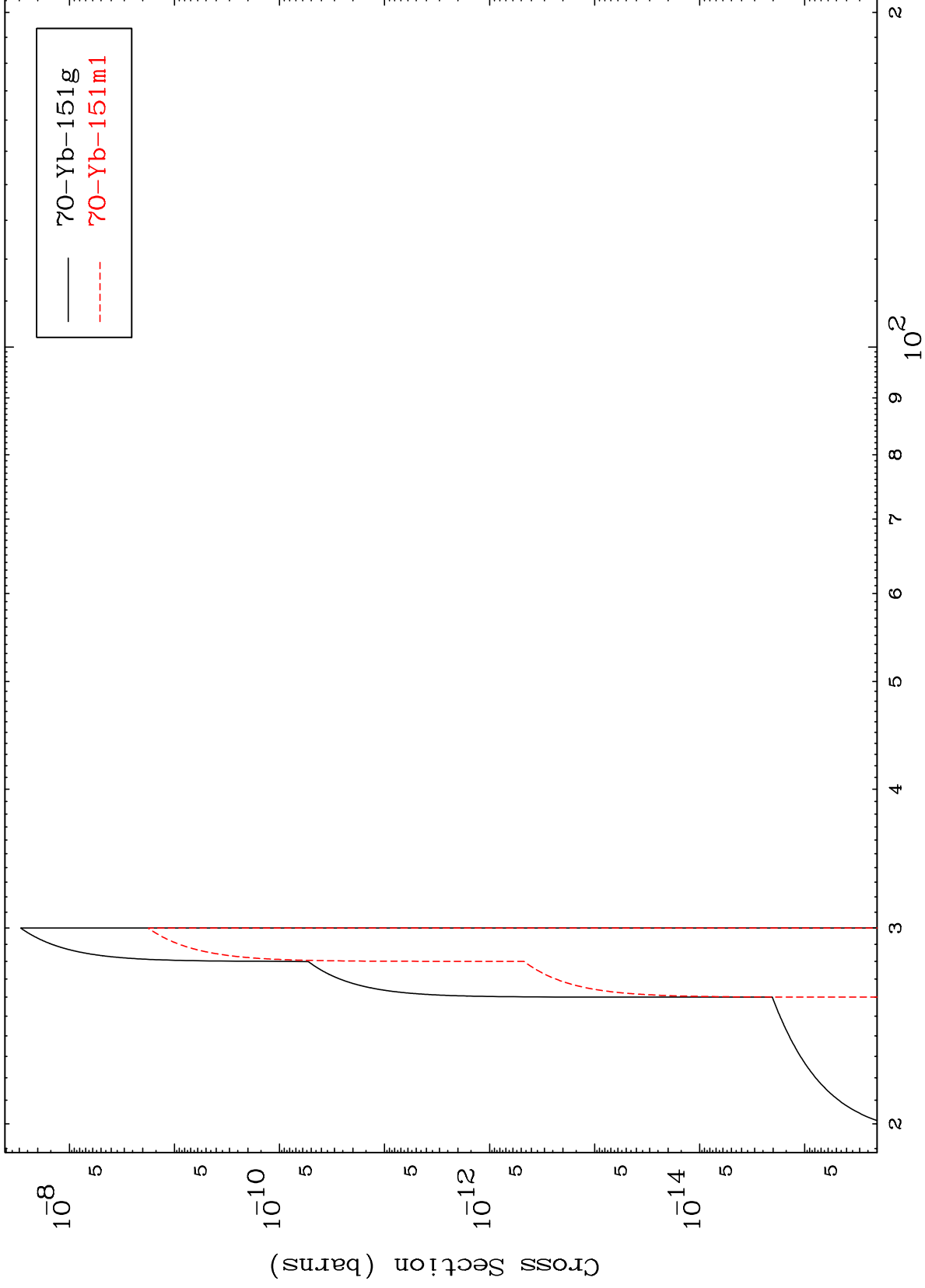
70-Yb-151m

MAT 6975

(n,p) t

⁷⁰Yb-151m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

⁷⁰Yb-151m