

Program EVALPLOT
(Version 2021-1)

by

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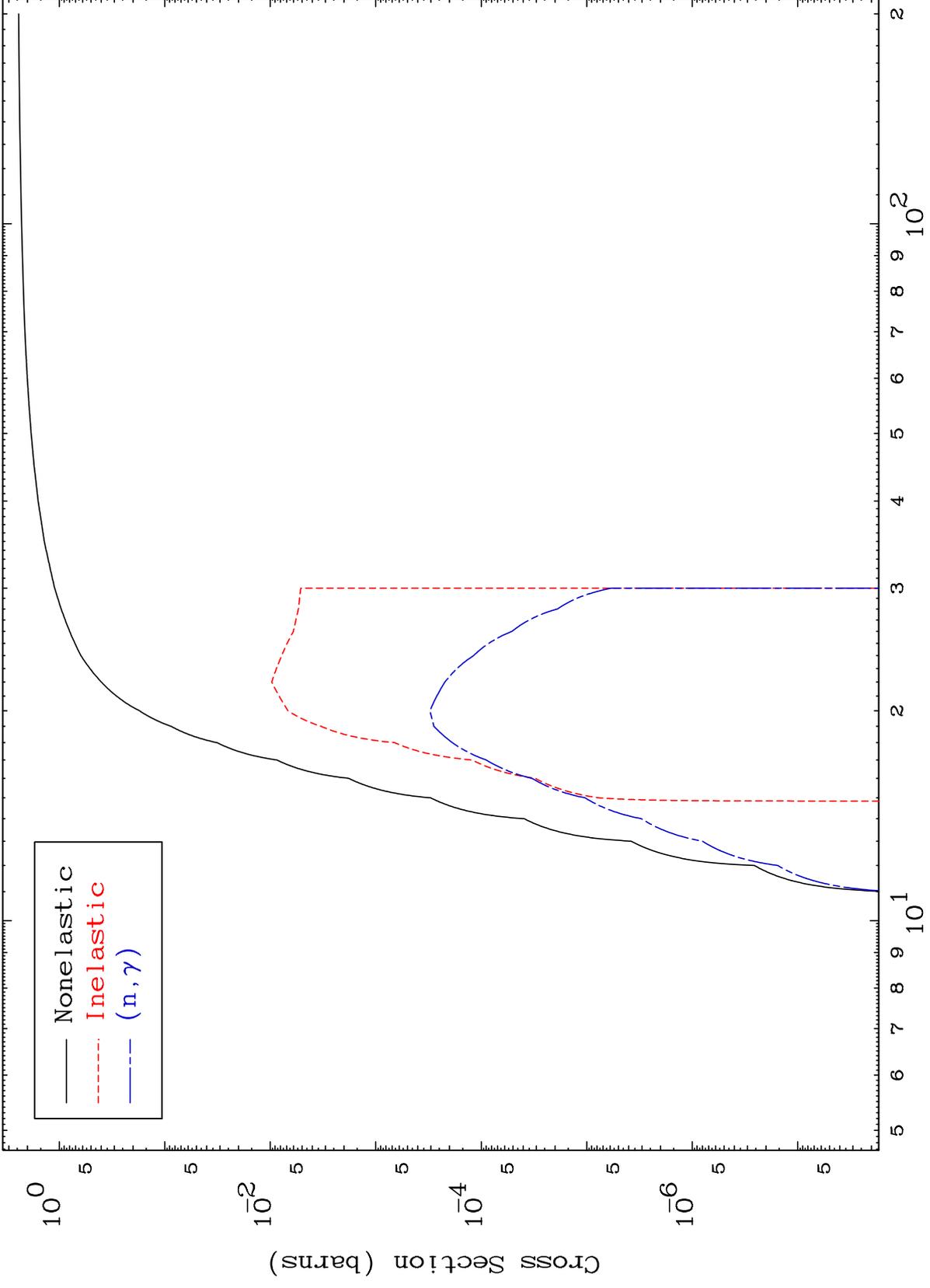
Press Mouse Button to Start

MAT 6974

α Major

70-Yb-151

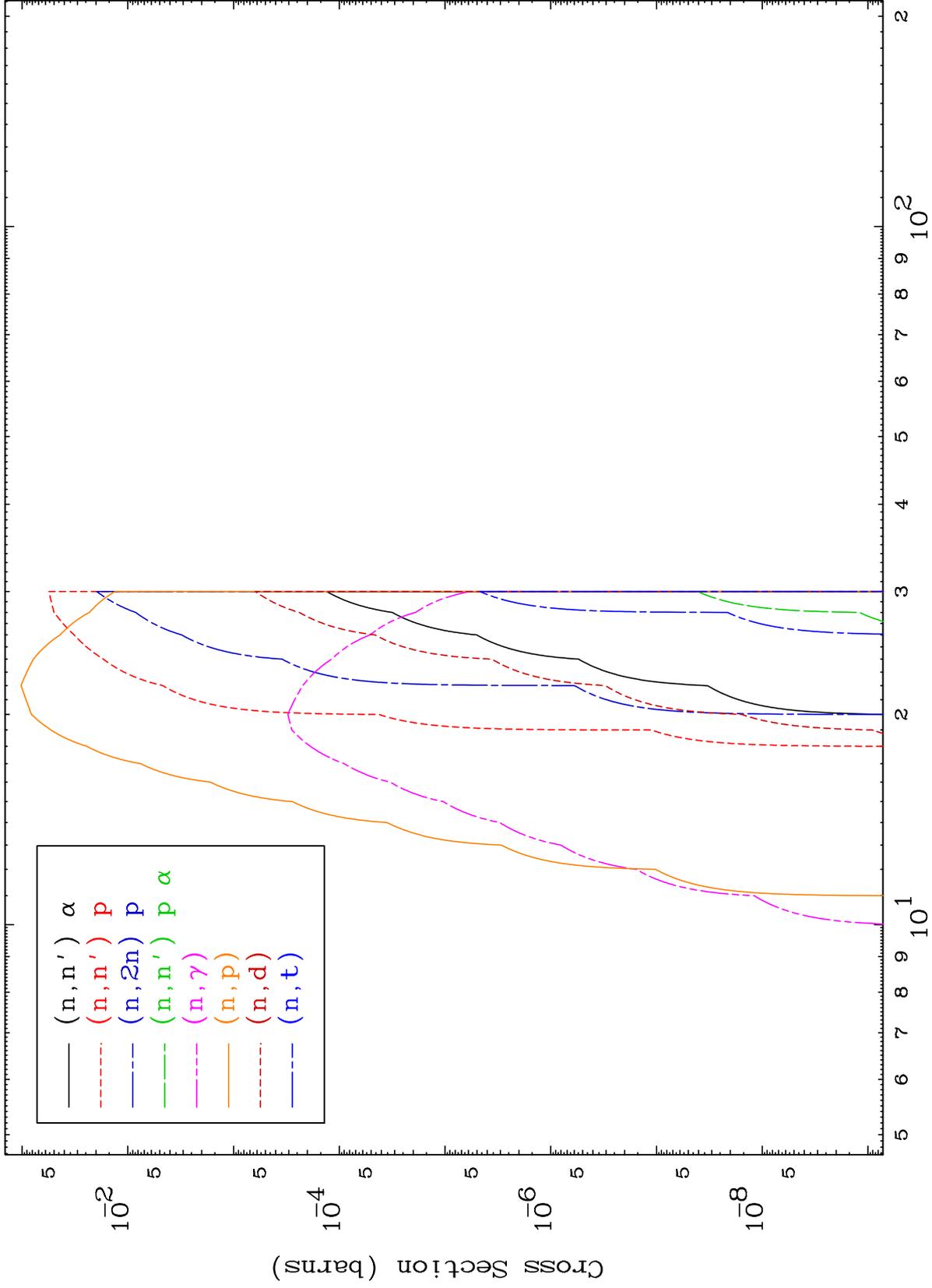
0 Kelvin Cross Sections



1

Incident Energy (MeV)

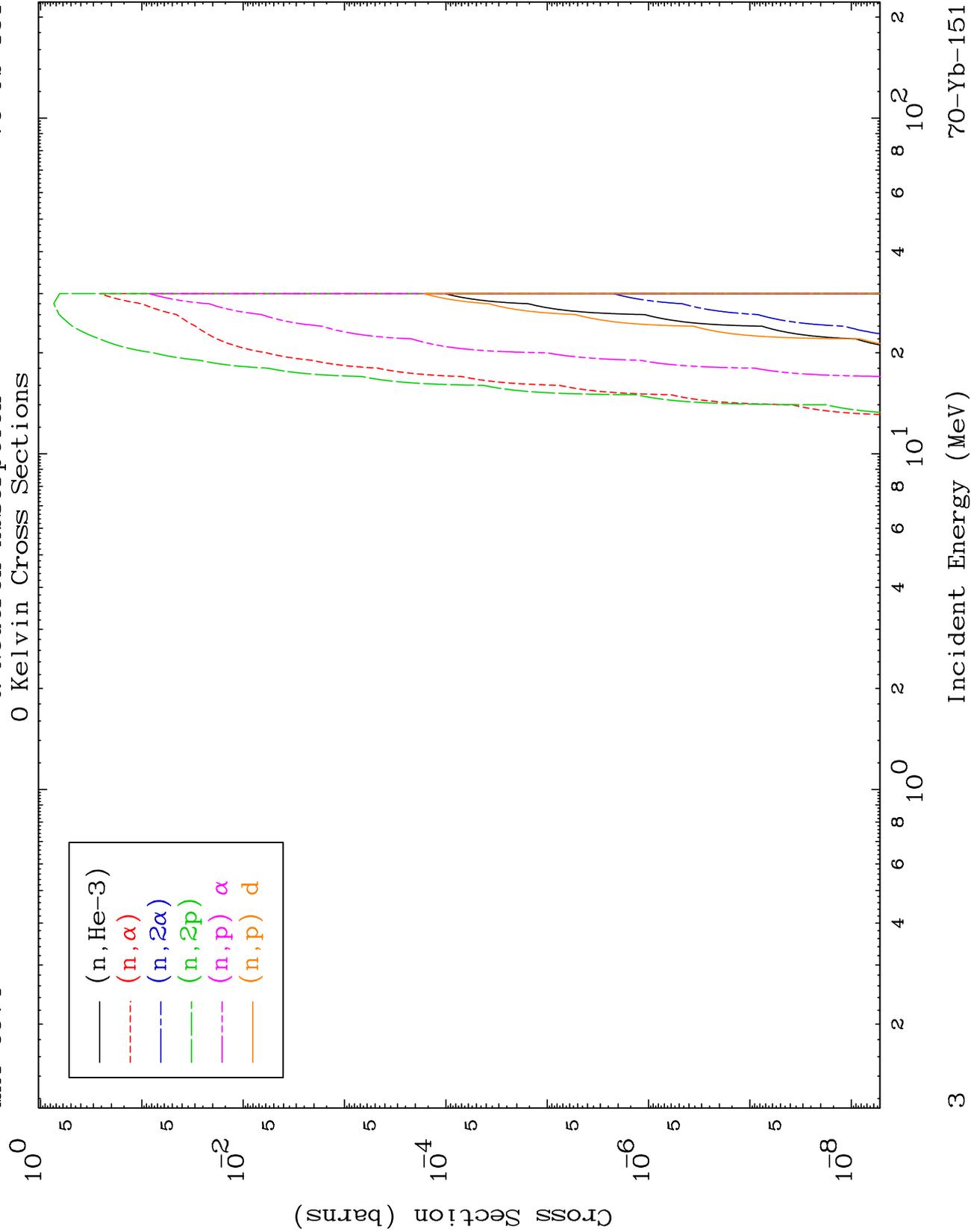
70-Yb-151



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α Neutron Absorption
0 Kelvin Cross Sections

70-Yb-151

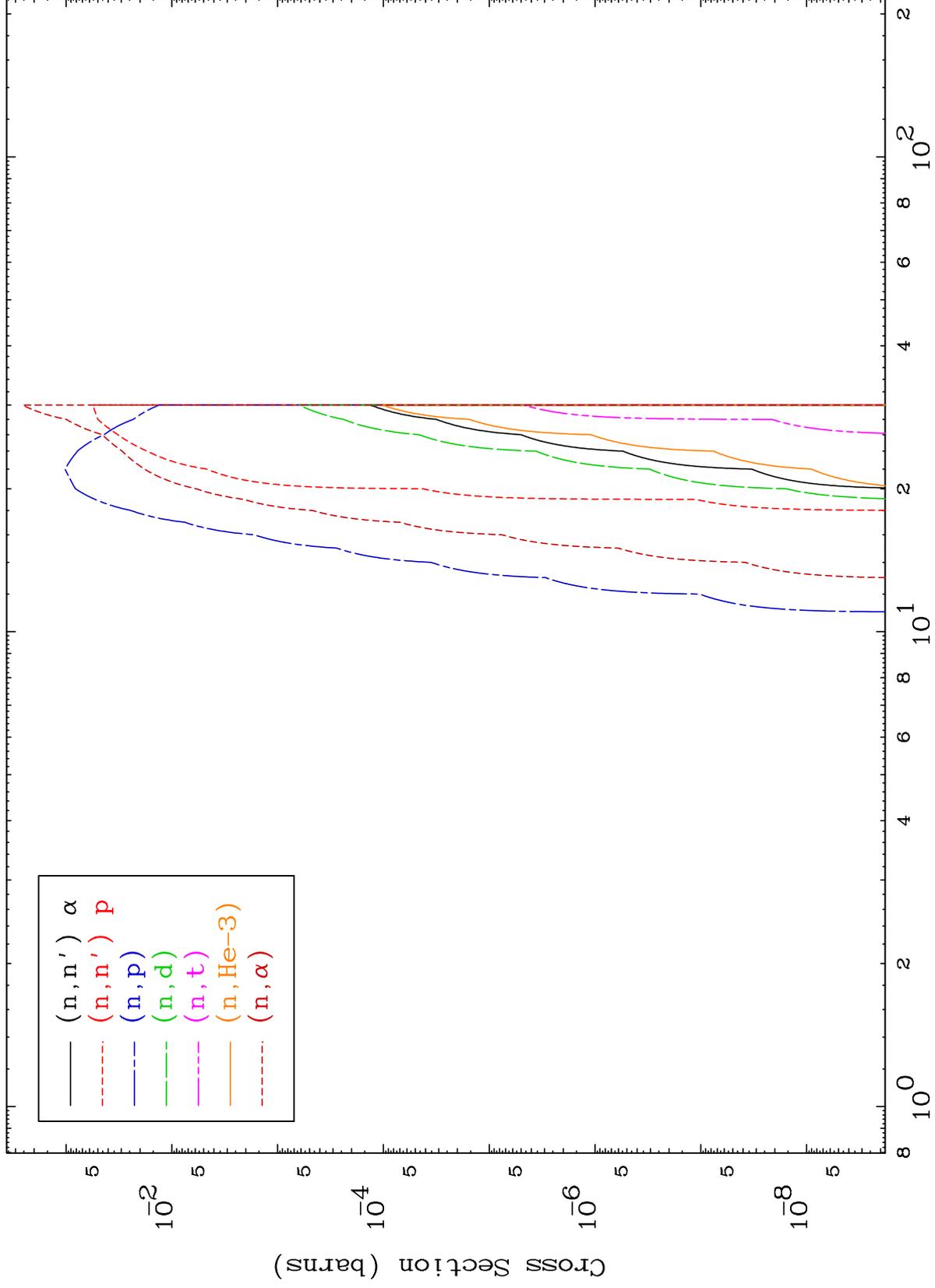


MAT 6974

α Charged Particle

70-Yb-151

0 Kelvin Cross Sections



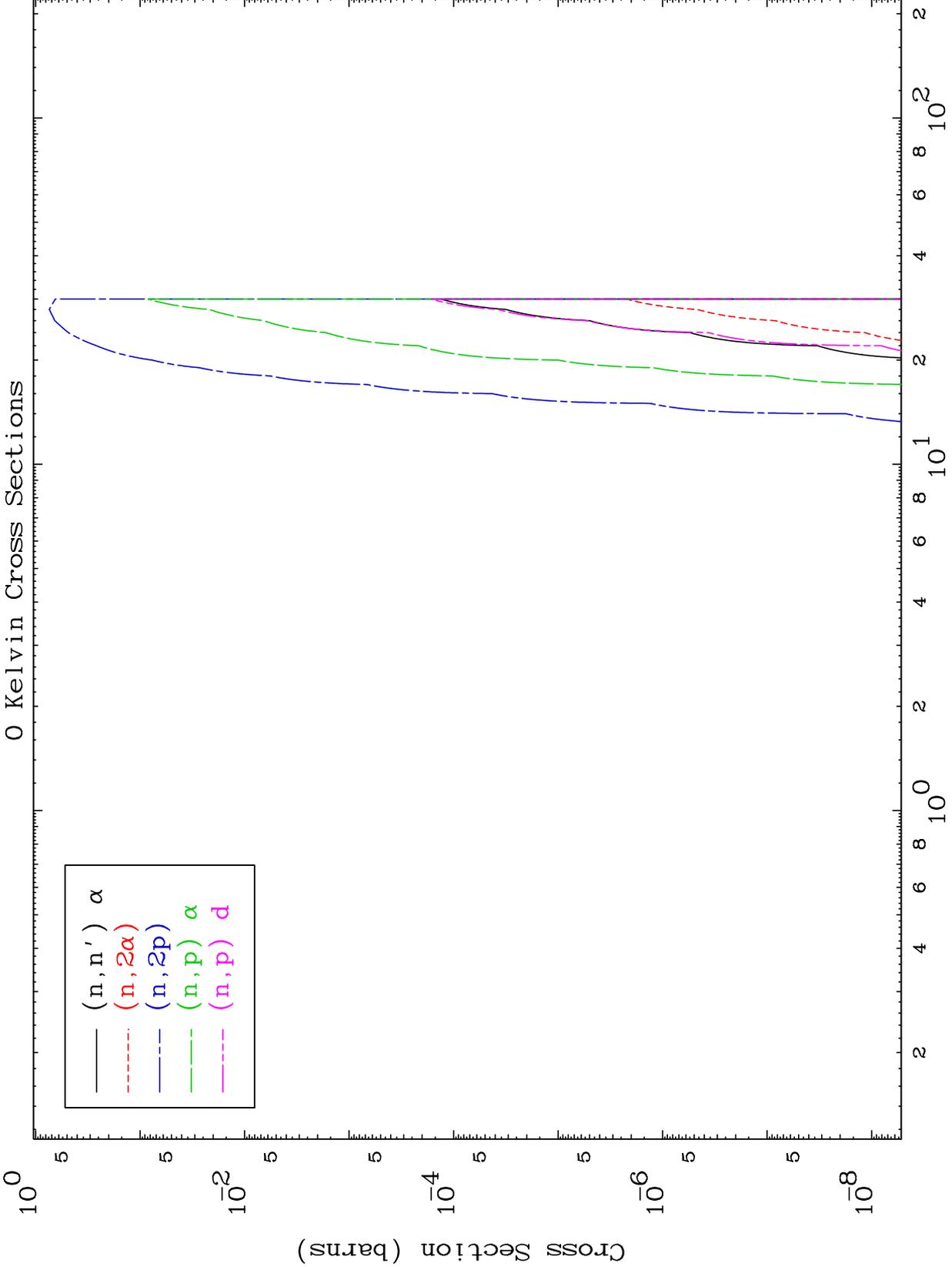
Incident Energy (MeV)

70-Yb-151

MAT 6974

α Charged Particle
0 Kelvin Cross Sections

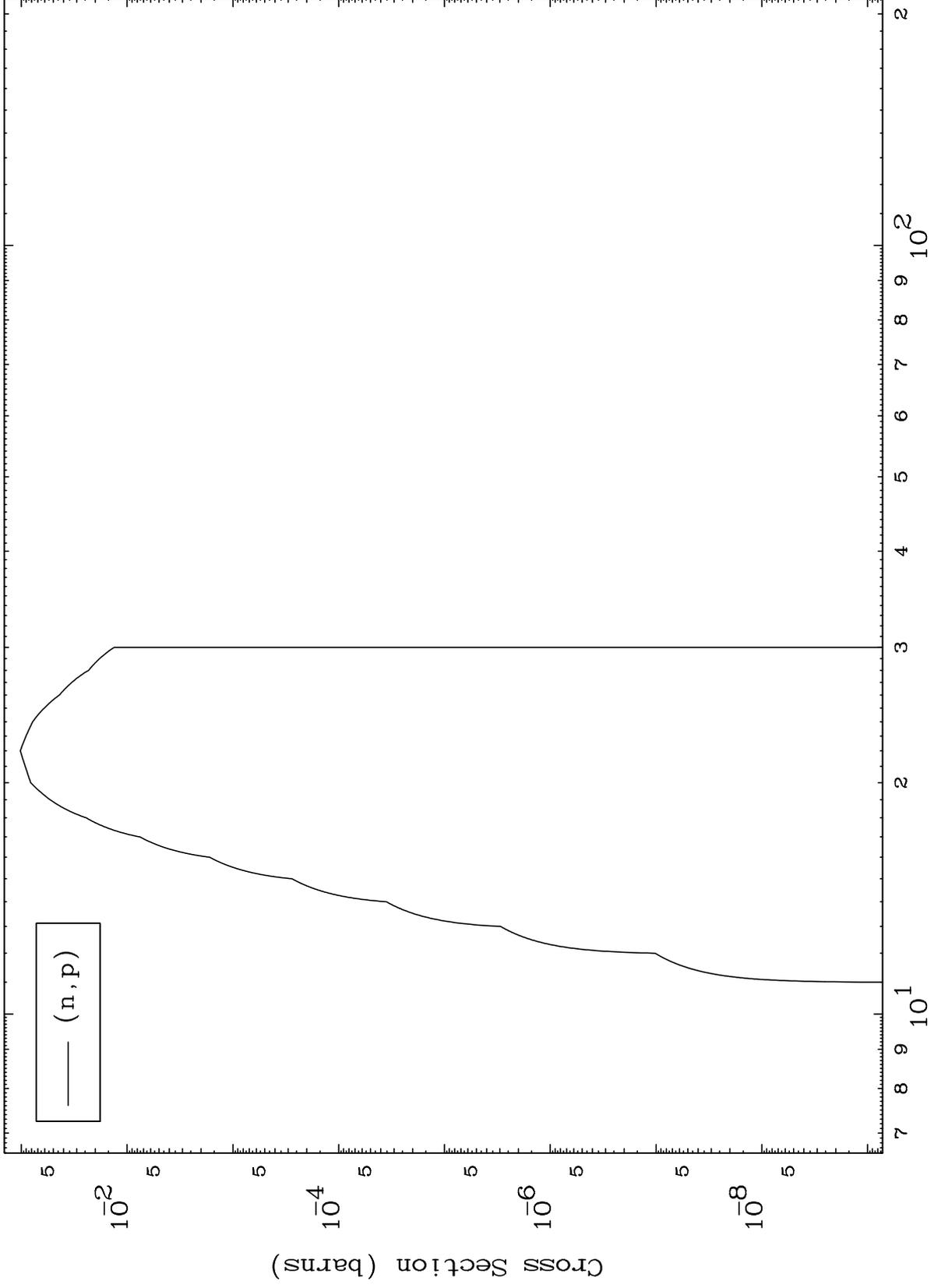
70-Yb-151



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(α, p) Levels
0 Kelvin Cross Sections

70-Yb-151



6

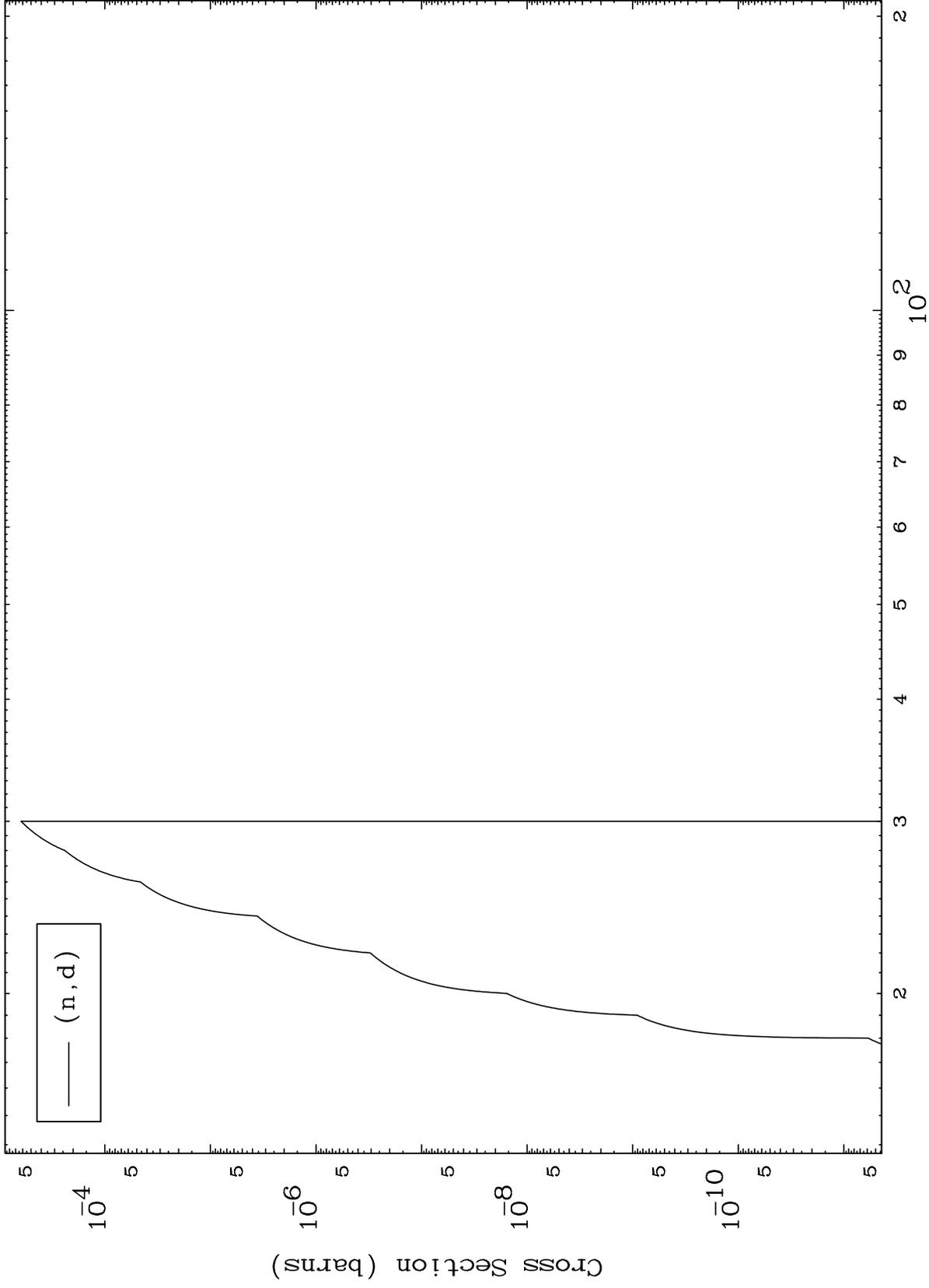
Incident Energy (MeV)

70-Yb-151

MAT 6974

(α, d) Levels
0 Kelvin Cross Sections

70-Yb-151



7

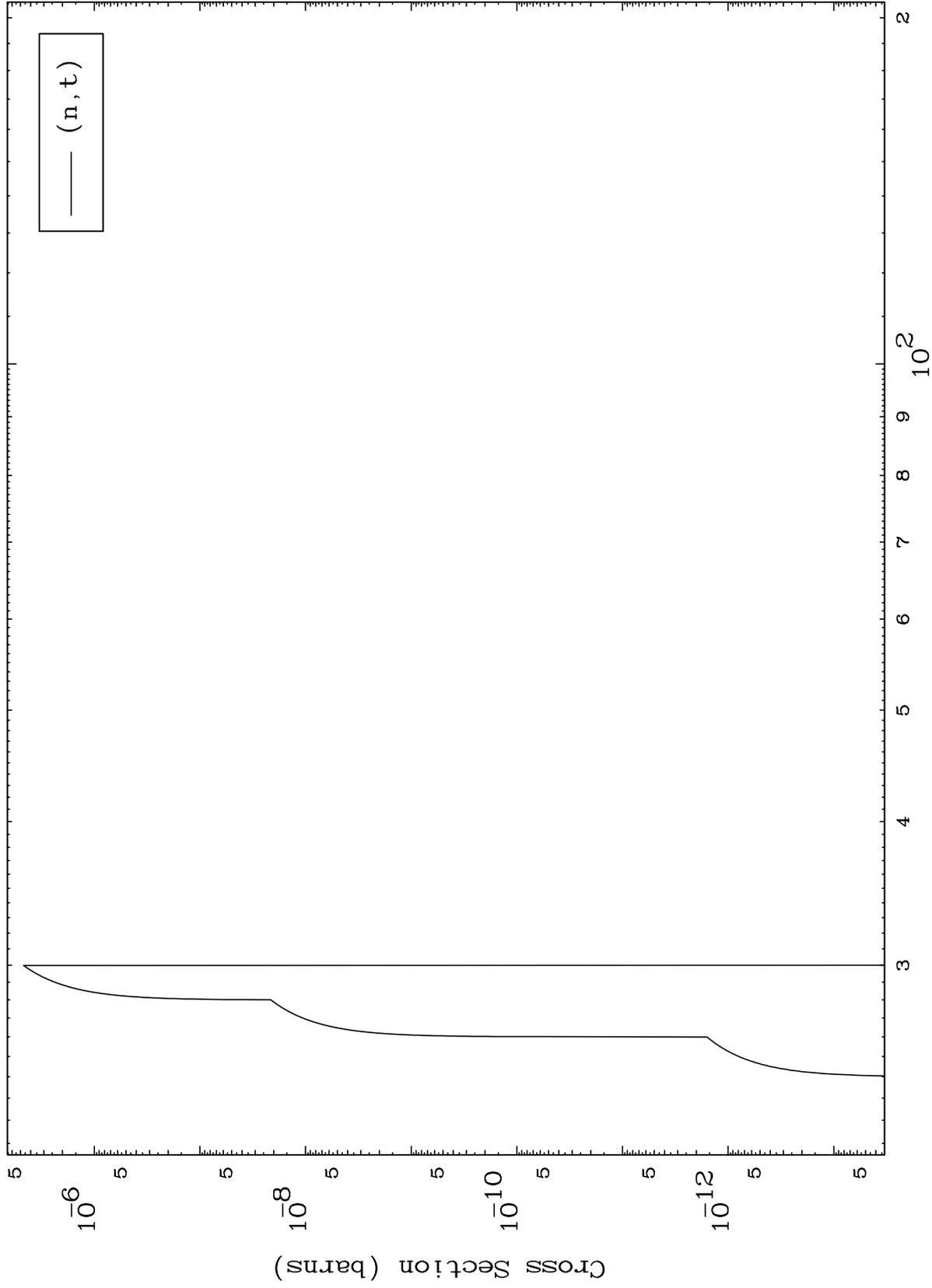
Incident Energy (MeV)

70-Yb-151

MAT 6974

70-Yb-151

(α, t) Levels
0 Kelvin Cross Sections



70-Yb-151

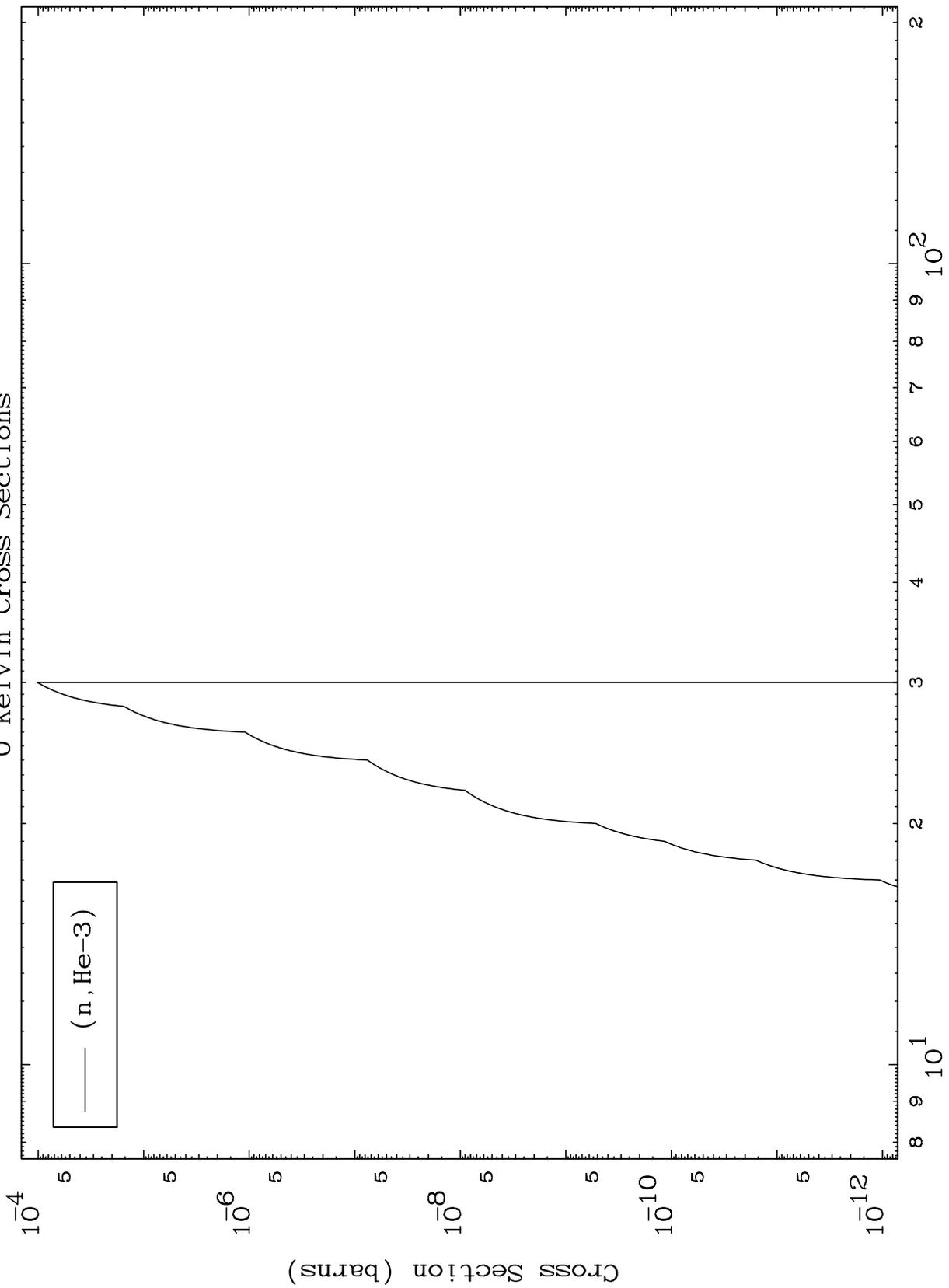
Incident Energy (MeV)

8

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70-Yb-151

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



70-Yb-151

Incident Energy (MeV)

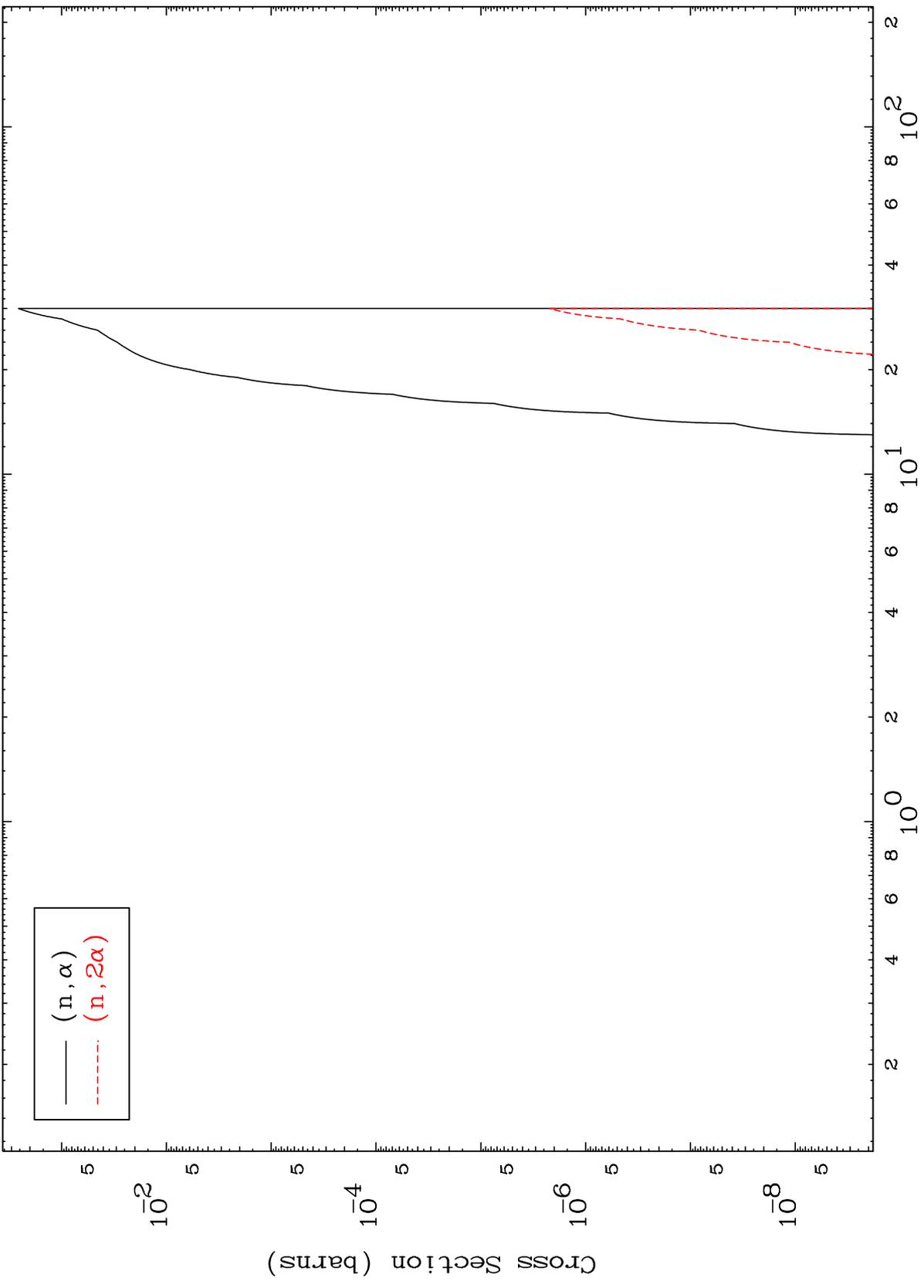
9

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(α, α) Levels

70-Yb-151

0 Kelvin Cross Sections



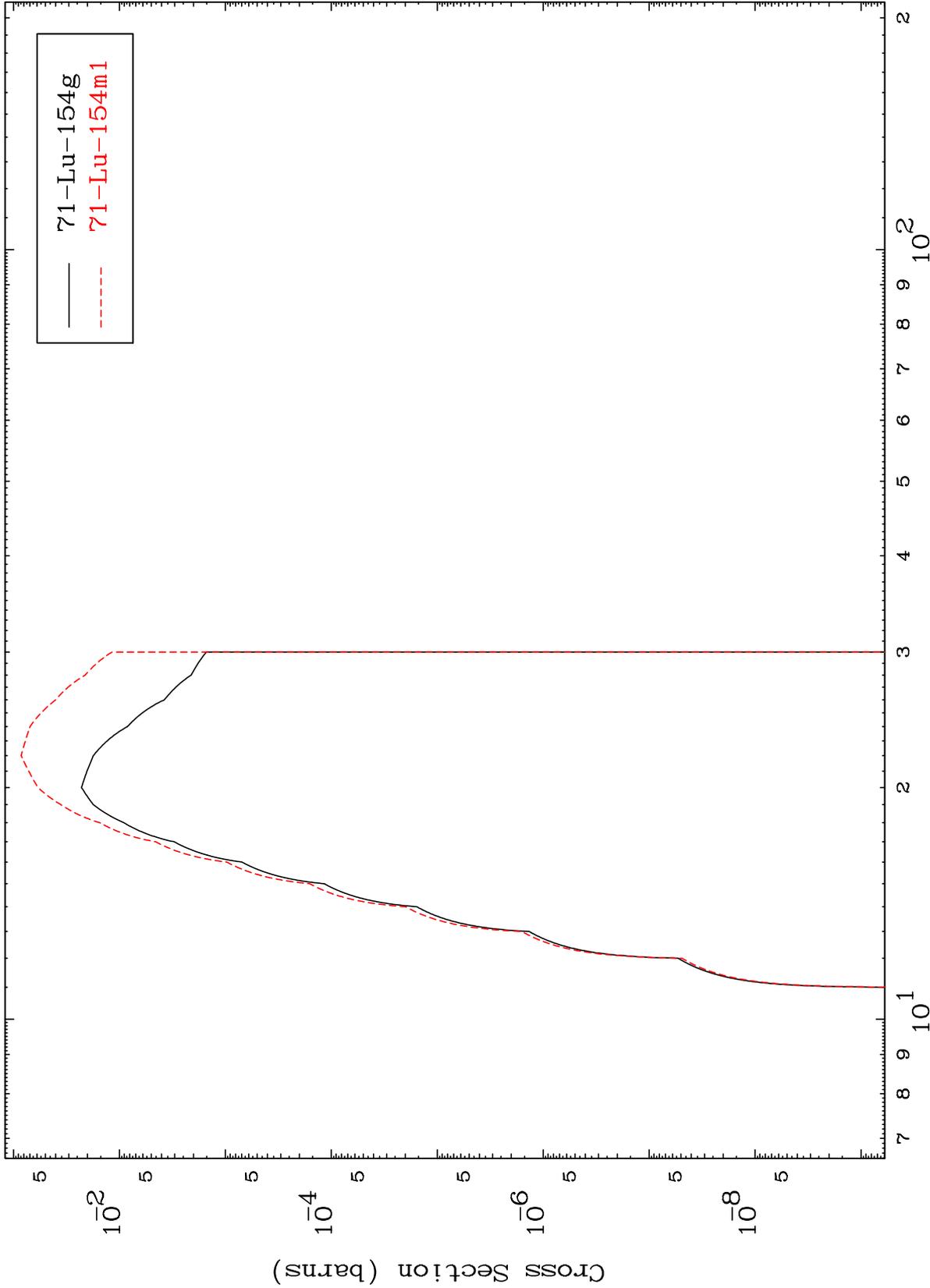
— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

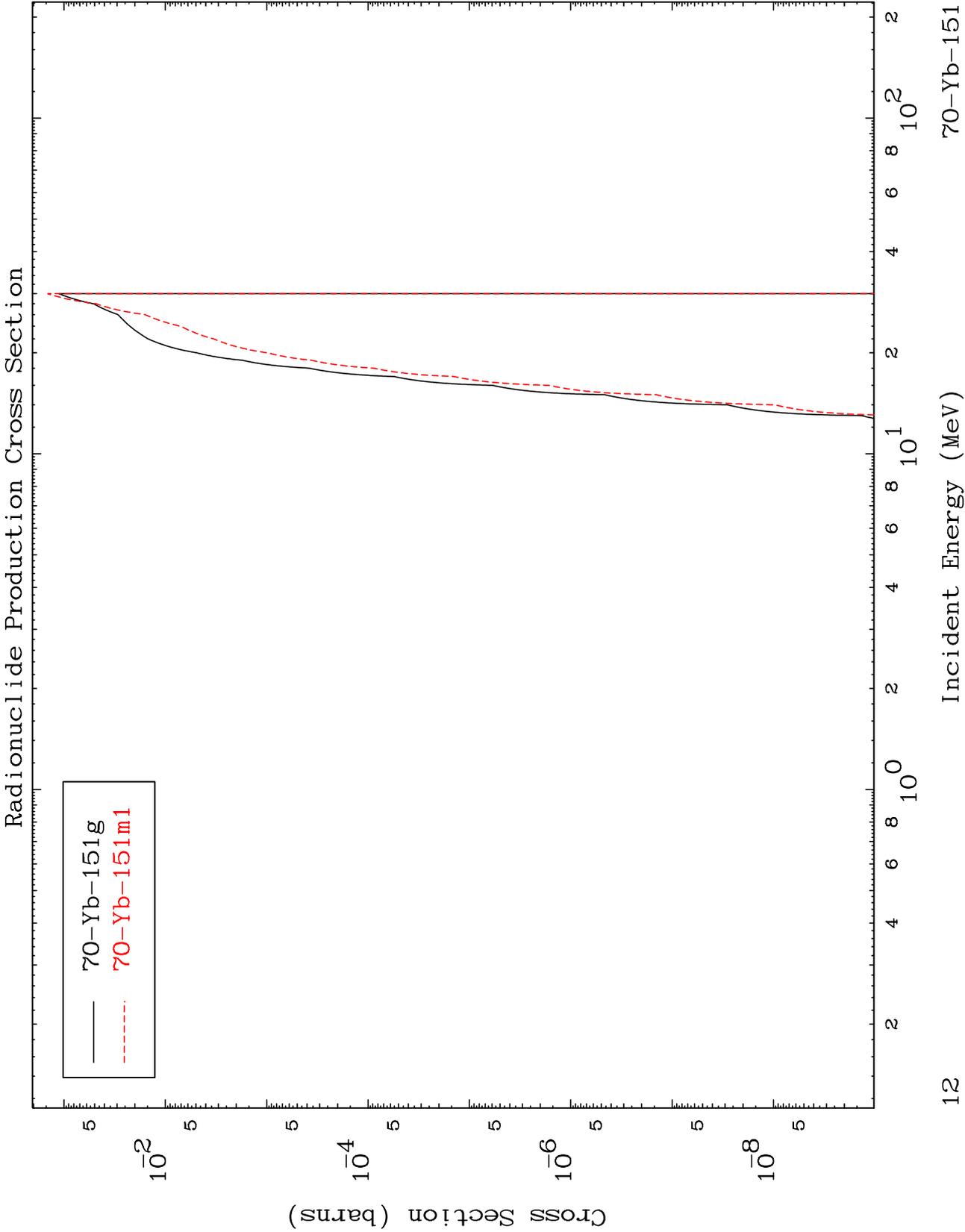
70-Yb-151

(n,p)
Radionuclide Production Cross Section



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70-Yb-151

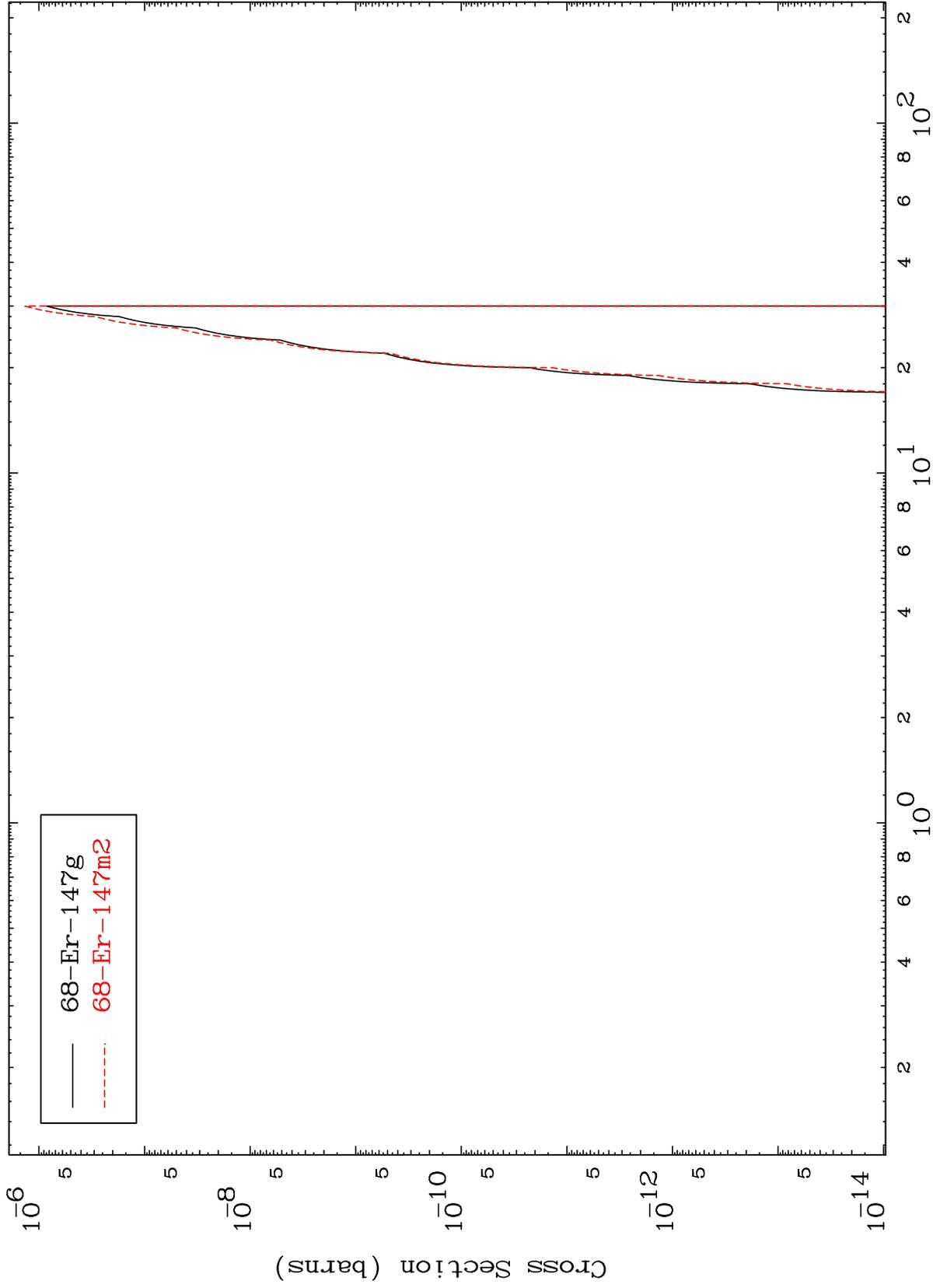


70-Yb-151 g
70-Yb-151 m1

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70-Yb-151

(n,2α)
Radionuclide Production Cross Section



70-Yb-151

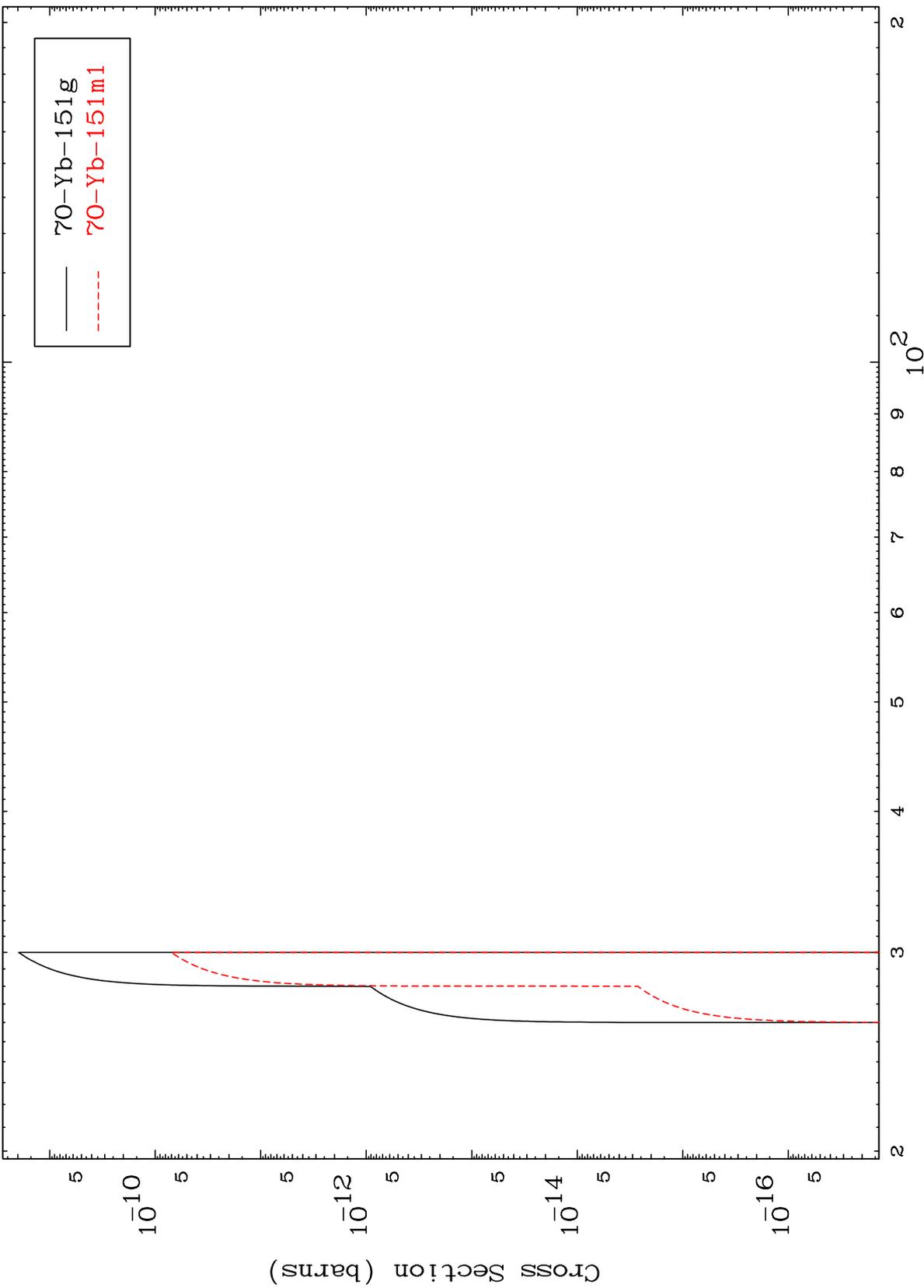
Incident Energy (MeV)

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(n,p) t

⁷⁰Yb-151

Radionuclide Production Cross Section



14

Incident Energy (MeV)

⁷⁰Yb-151