

Program EVALPLOT
(Version 2017-1)

by

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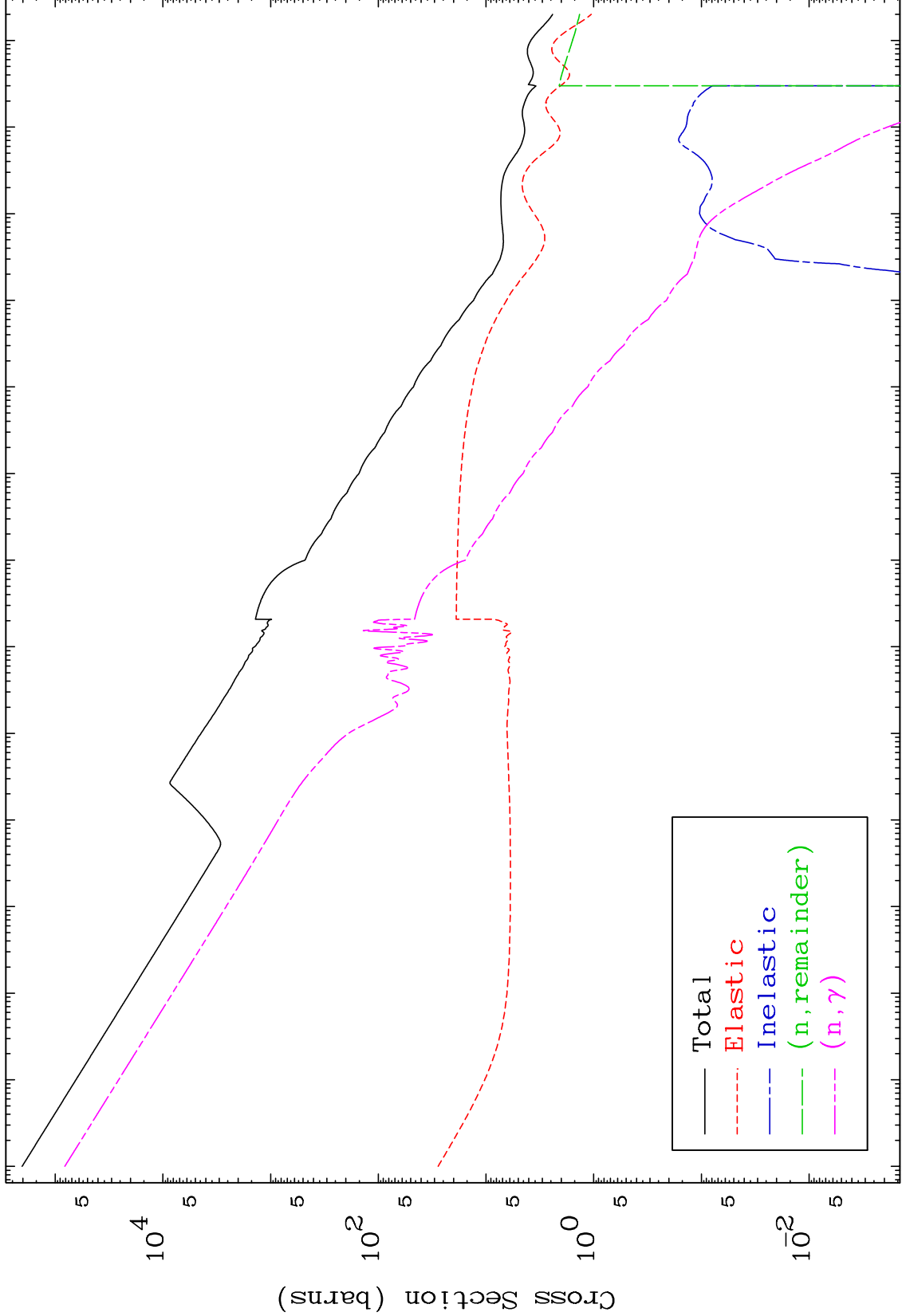
Press Mouse Button to Start

MAT 6975

Major

293 Kelvin Cross Sections

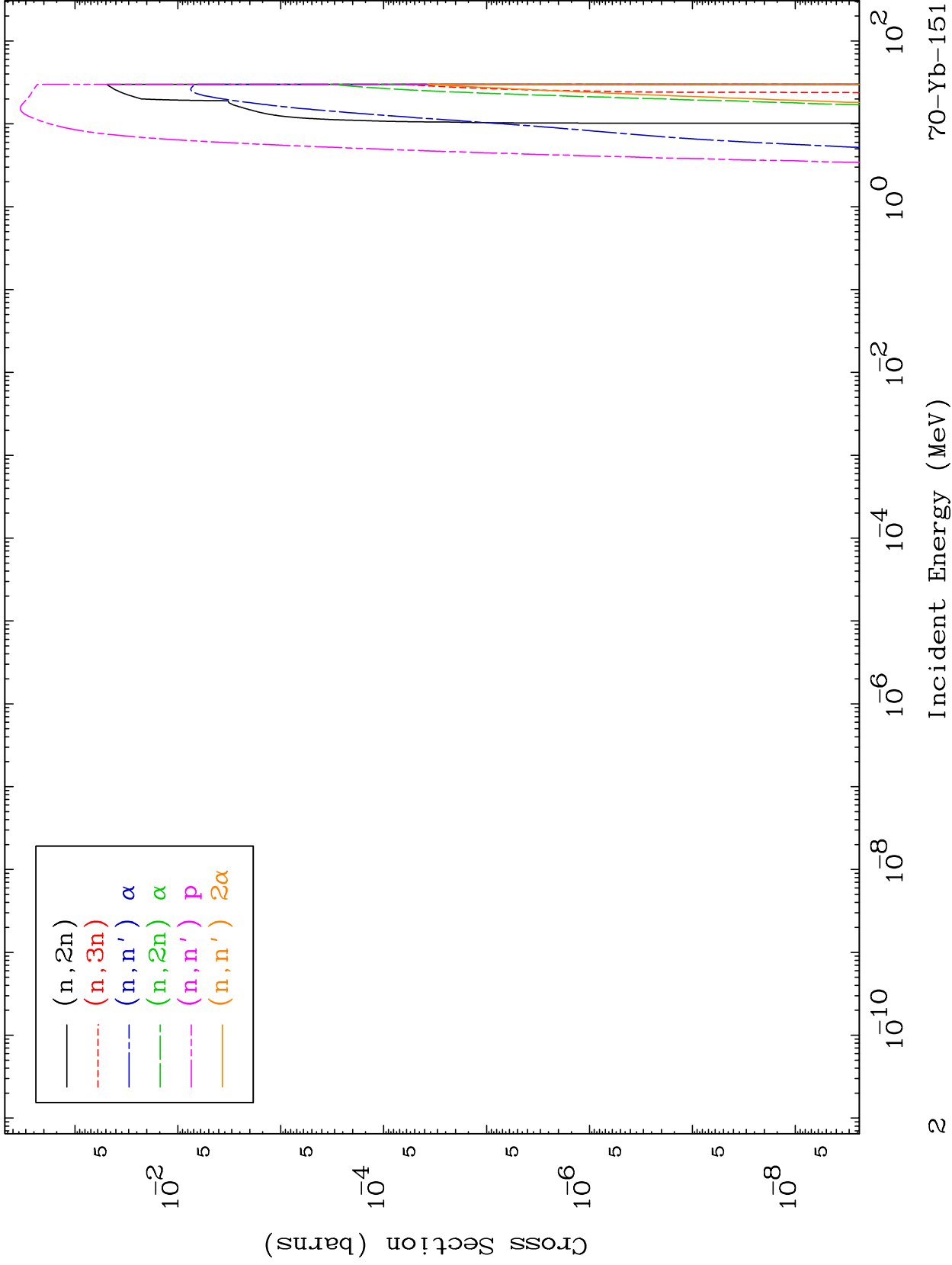
70-Yb-151



MAT 6975

Neutron Production
293 Kelvin Cross Sections

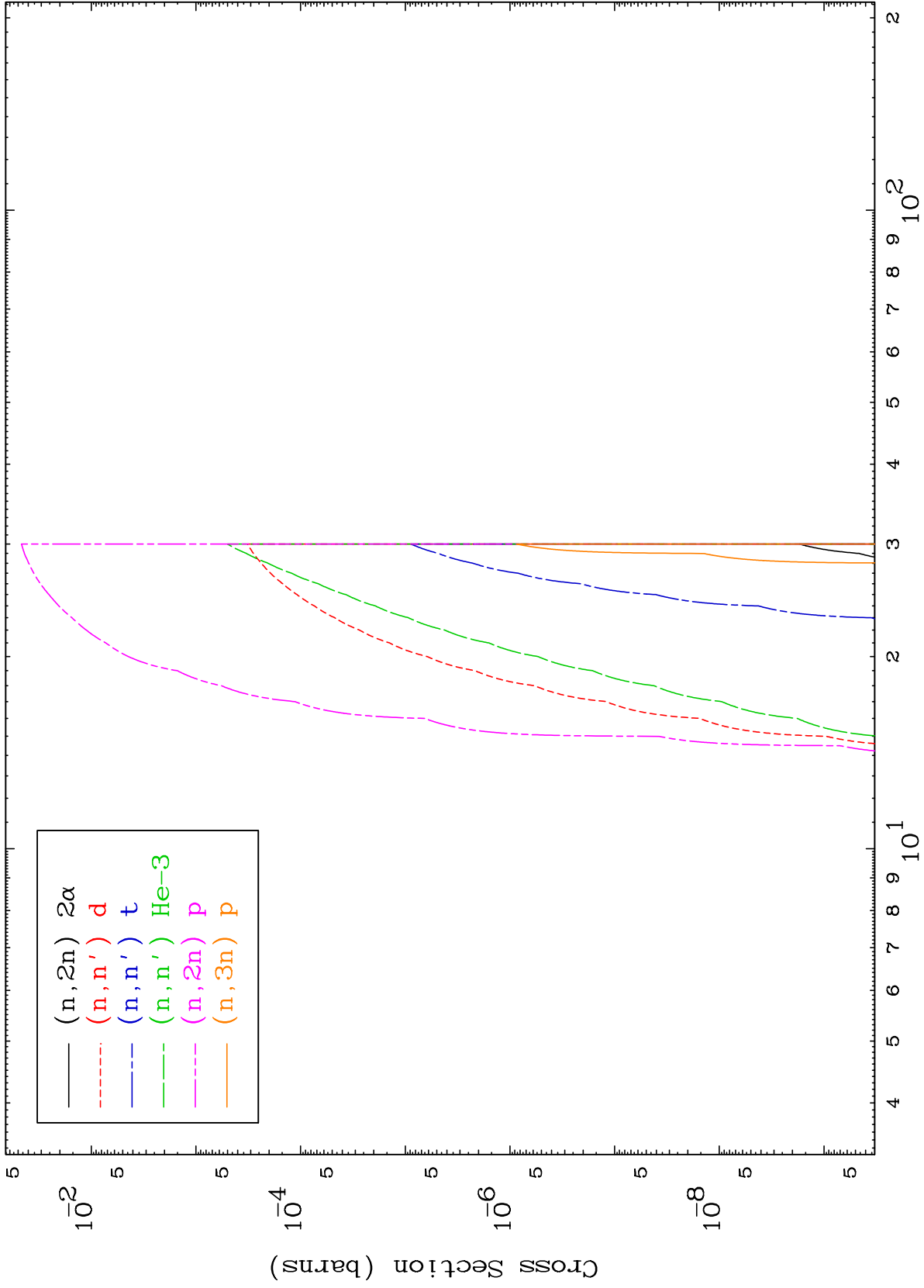
70-Yb-151



MAT 6975

Neutron Production
293 Kelvin Cross Sections

70-Yb-151



70-Yb-151

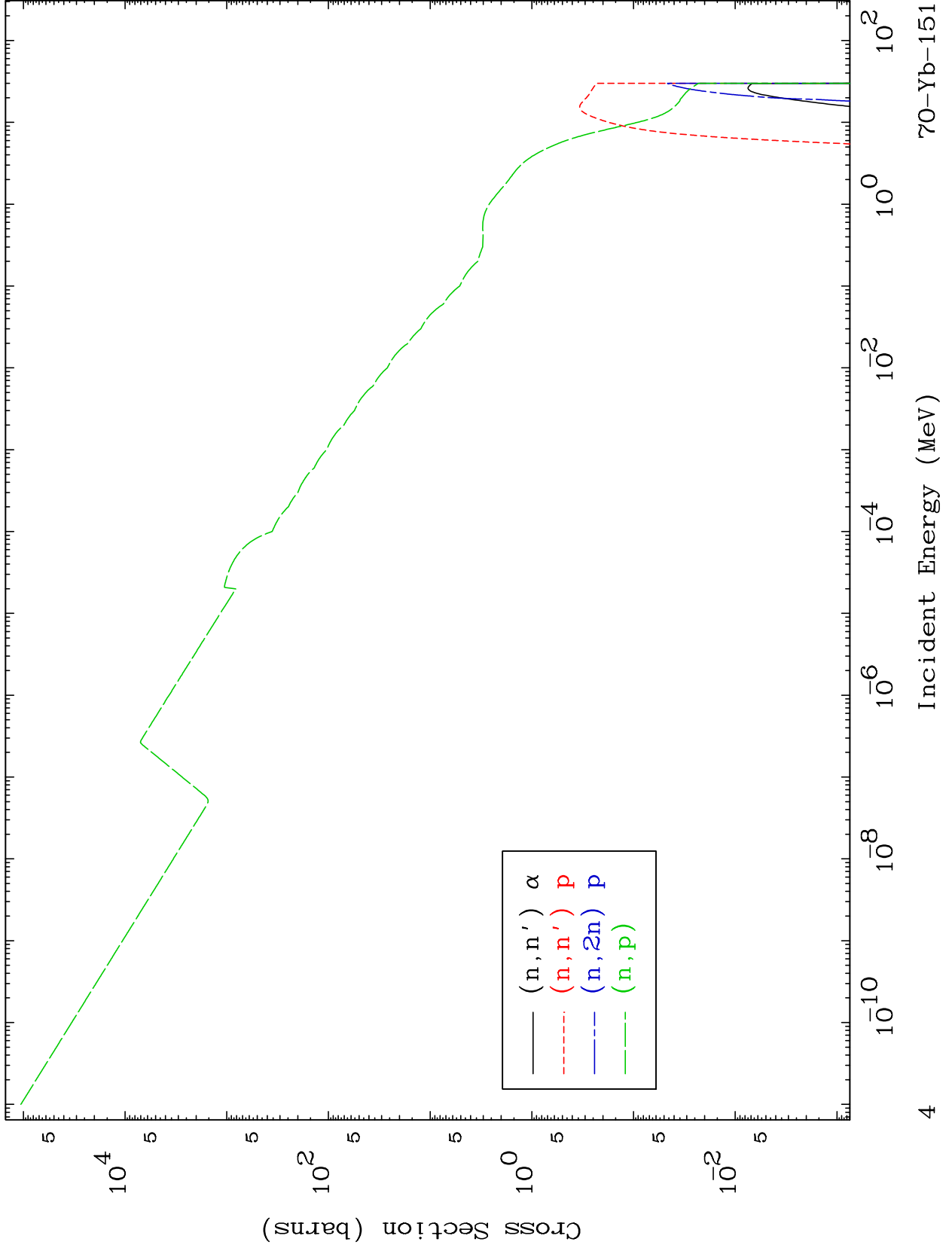
Incident Energy (MeV)

3

MAT 6975

Charged Particle
293 Kelvin Cross Sections

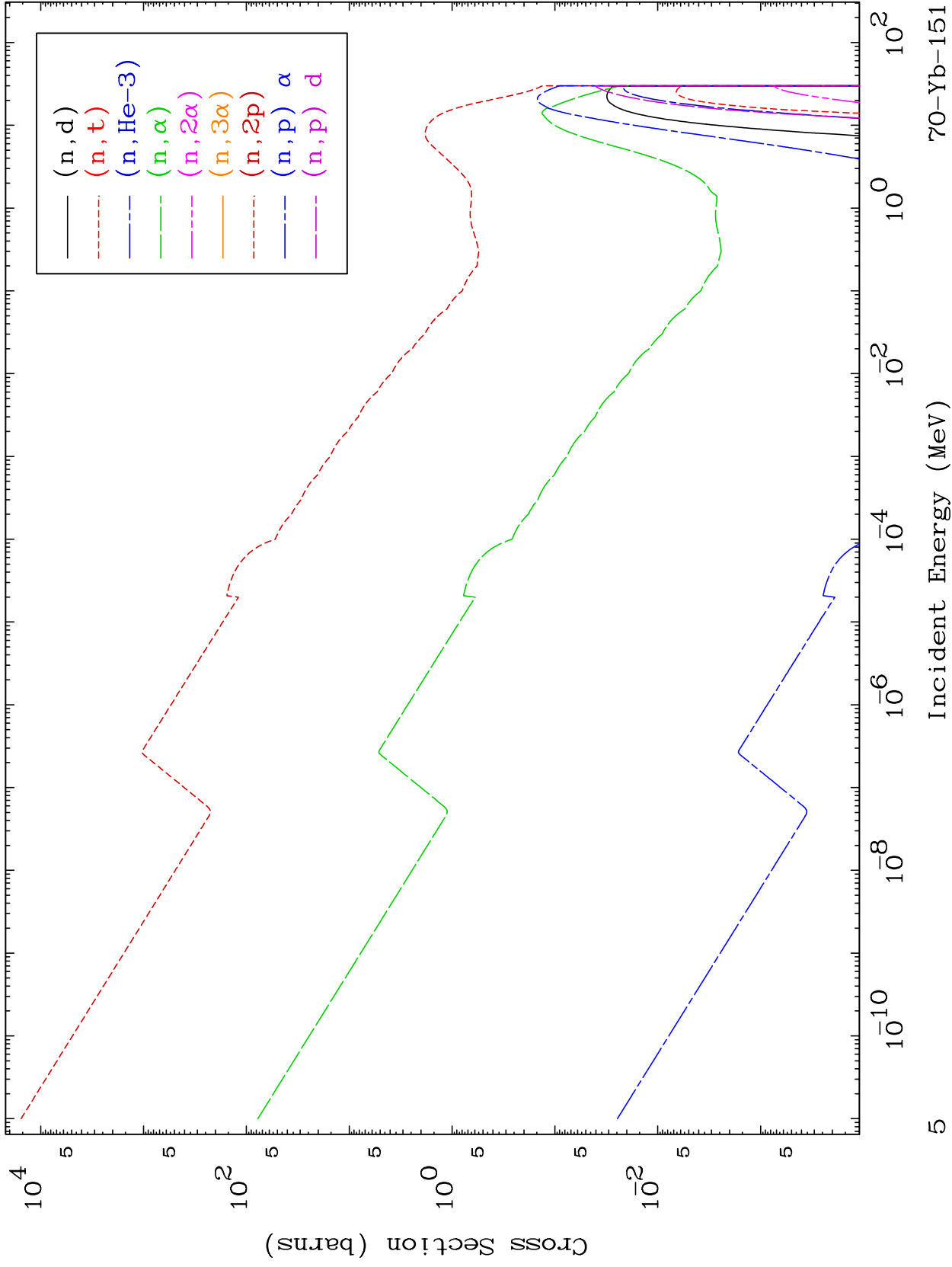
70-Yb-151



MAT 6975

Charged Particle
293 Kelvin Cross Sections

70-Yb-151



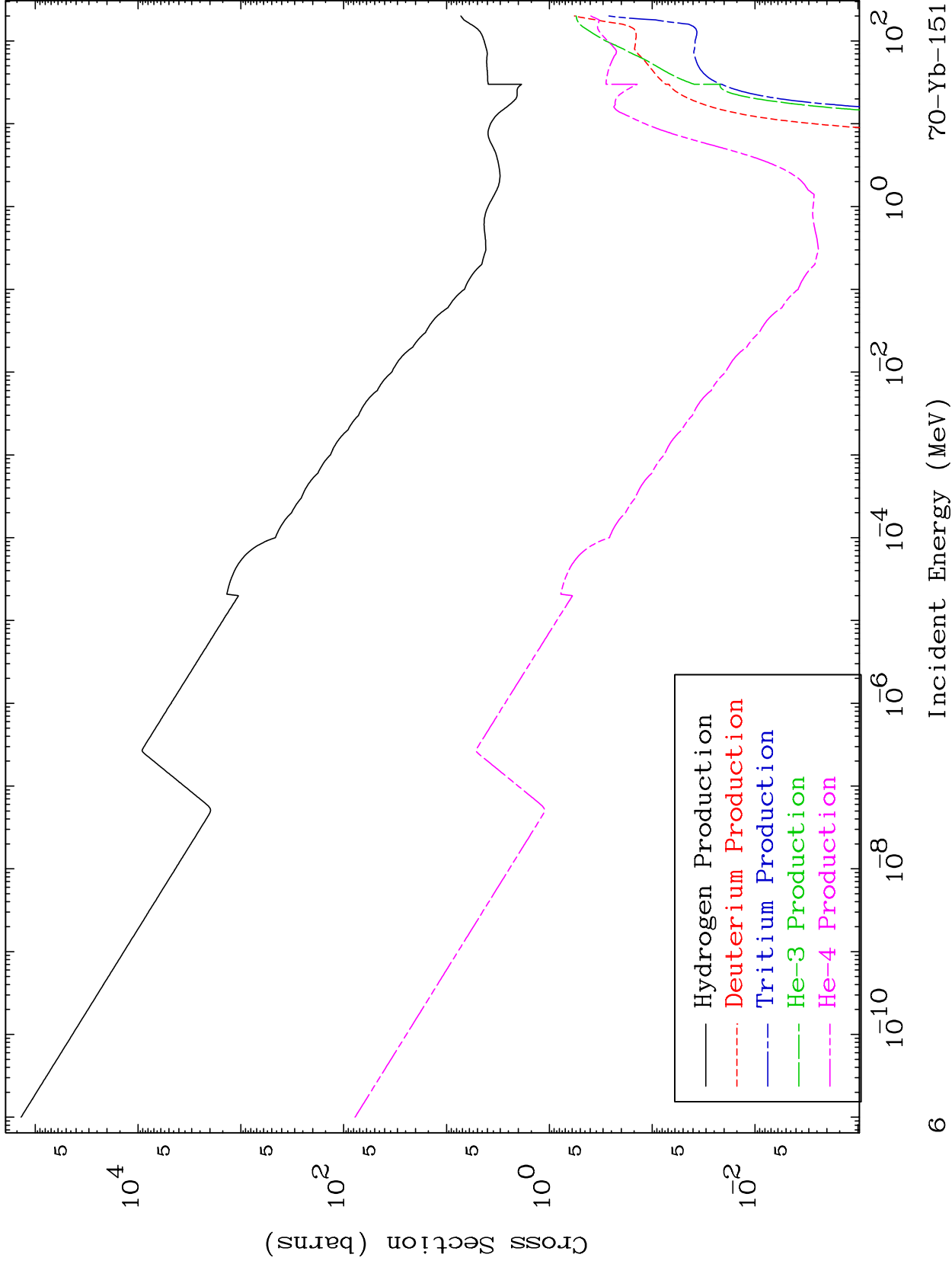
5

70-Yb-151

MAT 6975

Particle Production
293 Kelvin Cross Sections

70-Yb-151

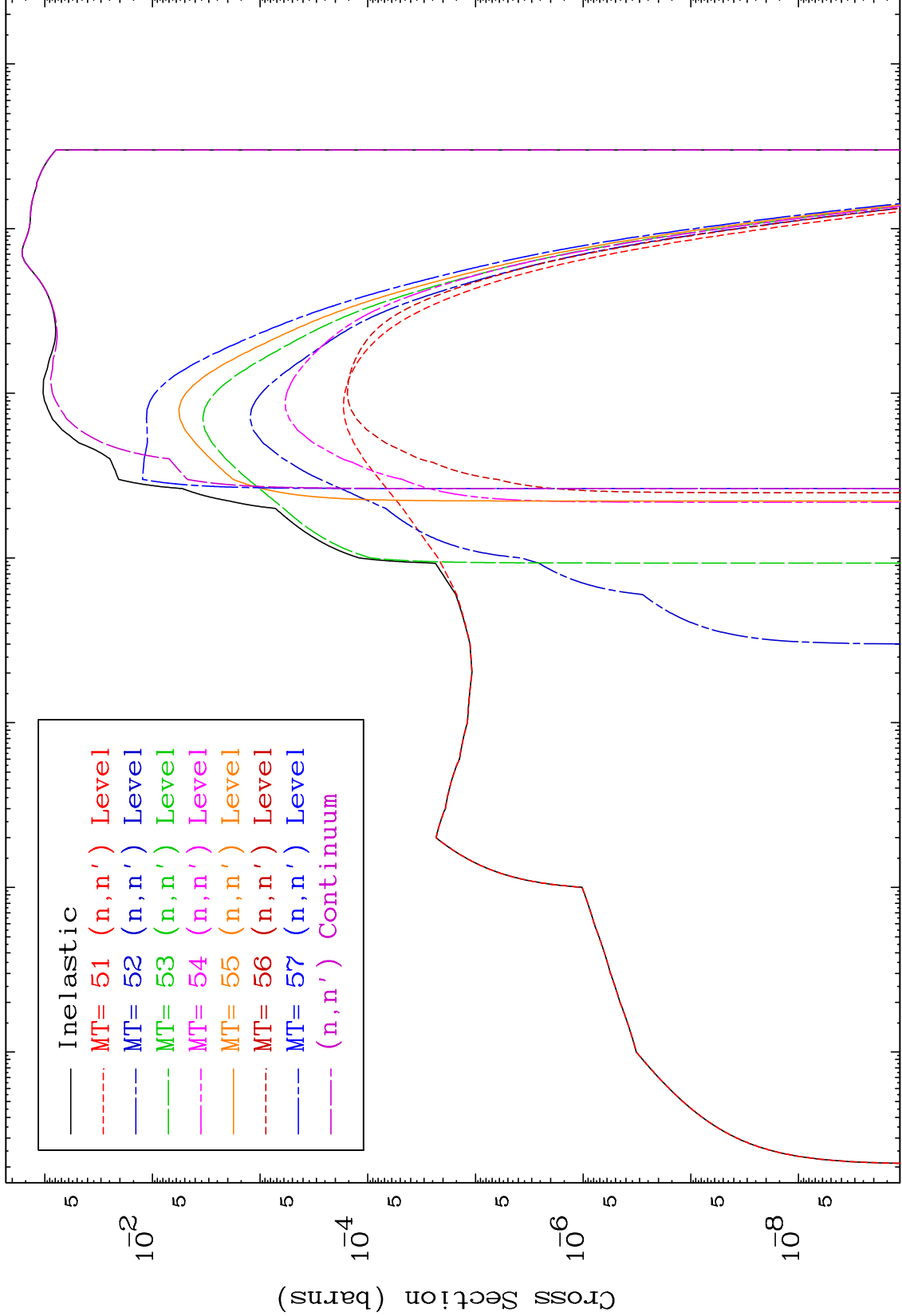


MAT 6975

(n,n') Level

70-Yb-151

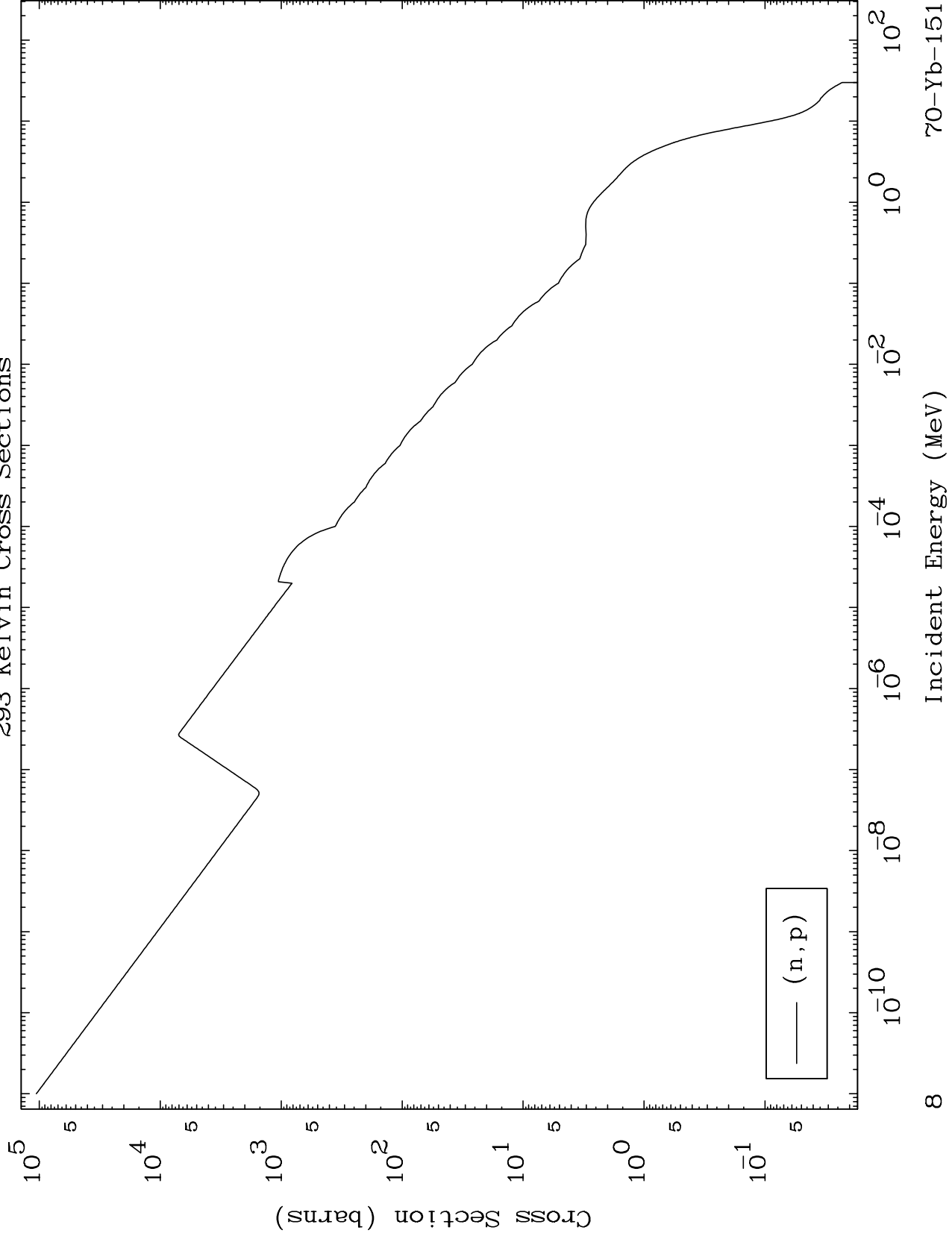
293 Kelvin Cross Sections



MAT 6975

(n,p) Levels
293 Kelvin Cross Sections

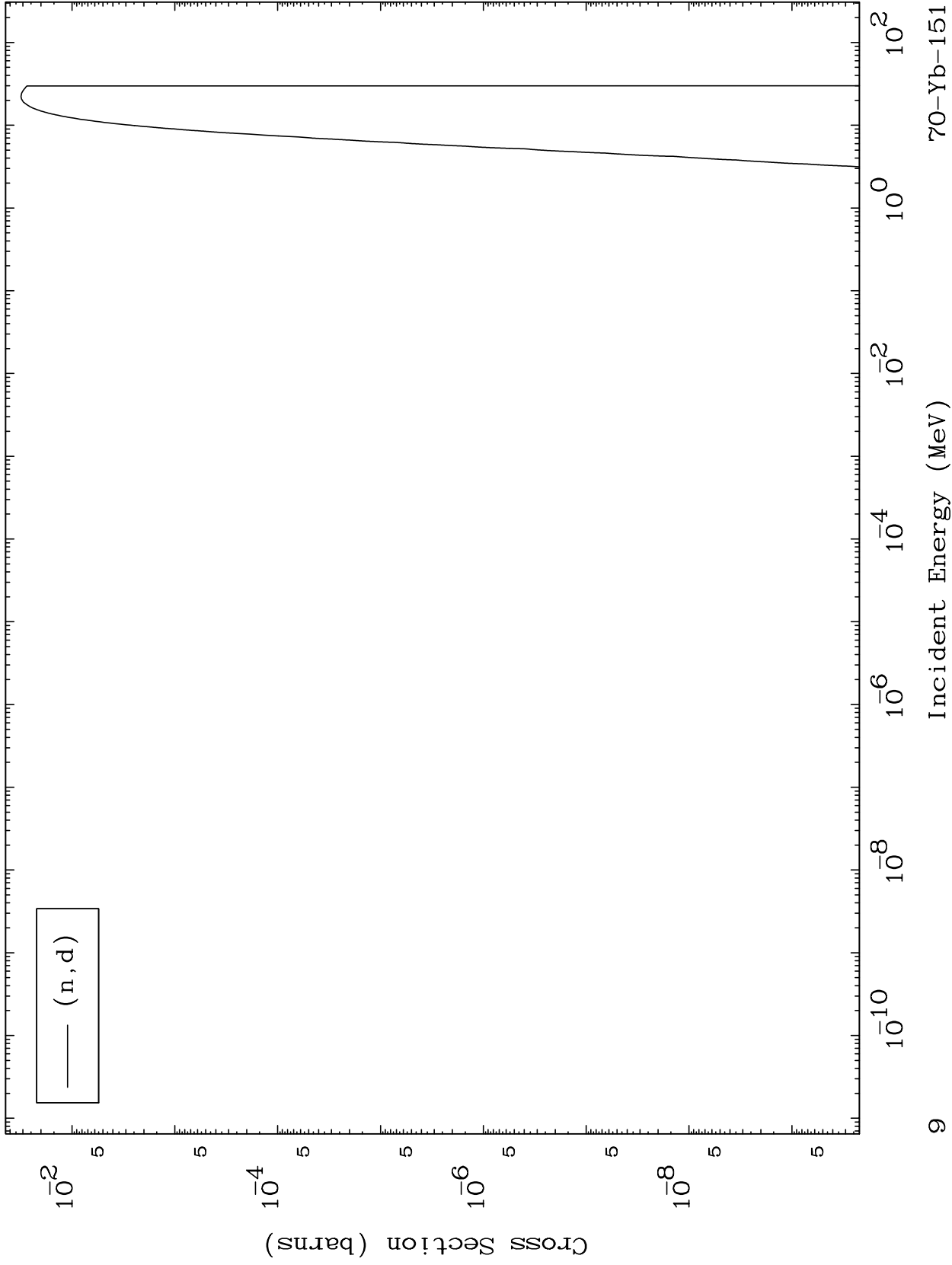
70-Yb-151



MAT 6975

(n,d) Levels
293 Kelvin Cross Sections

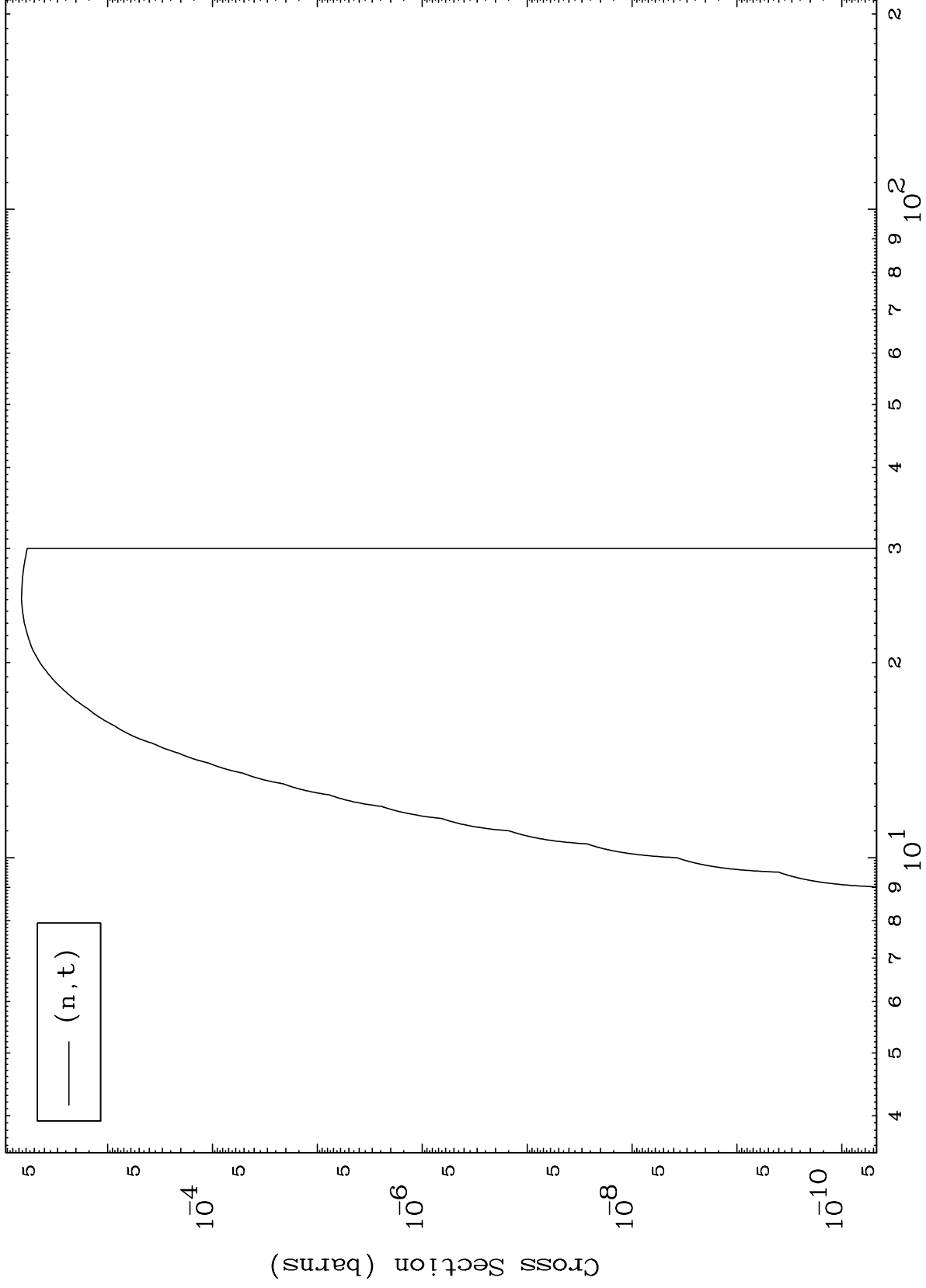
70-Yb-151



MAT 6975

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-151



10

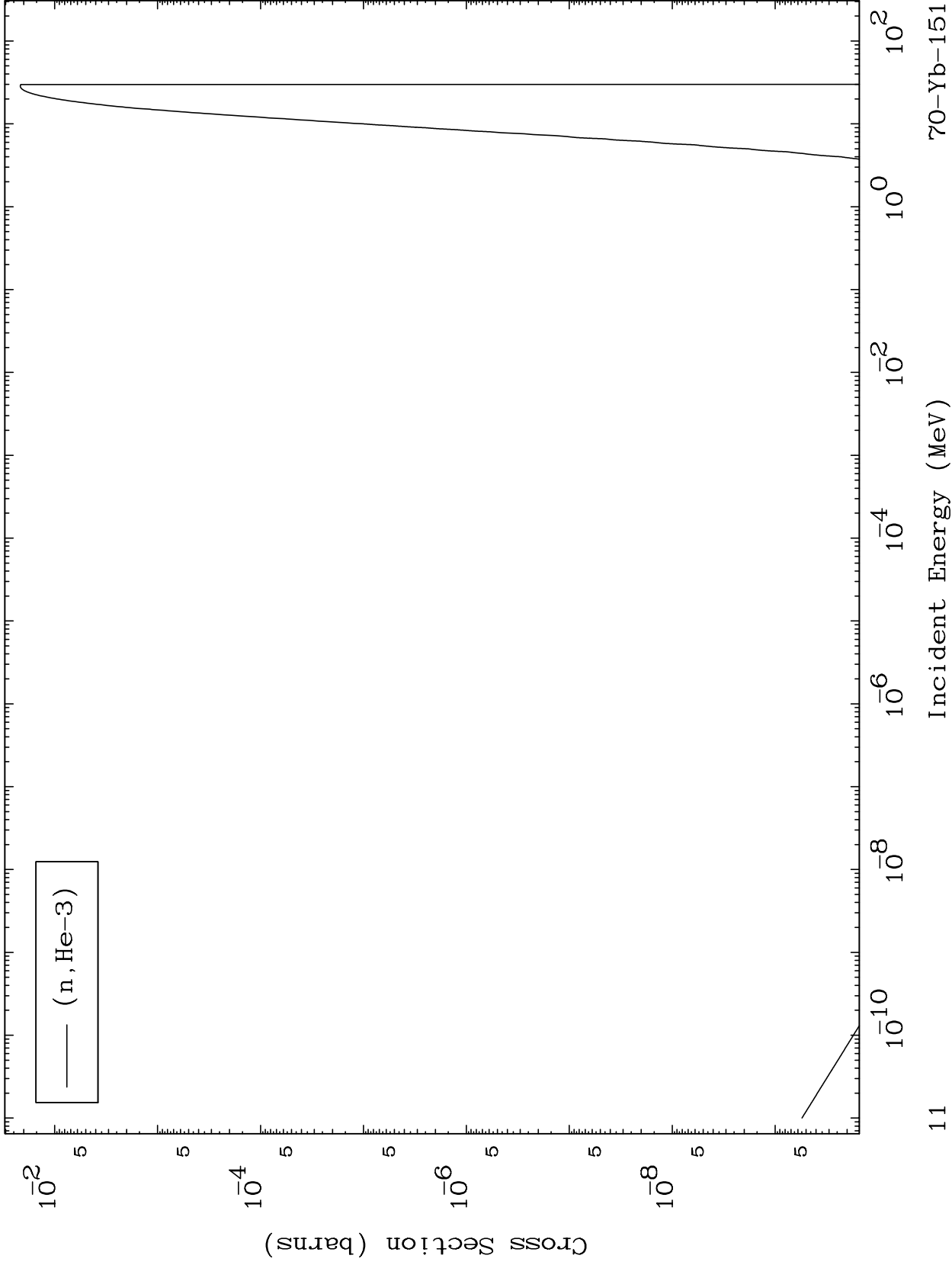
Incident Energy (MeV)

70-Yb-151

MAT 6975

(n,He3) Levels
293 Kelvin Cross Sections

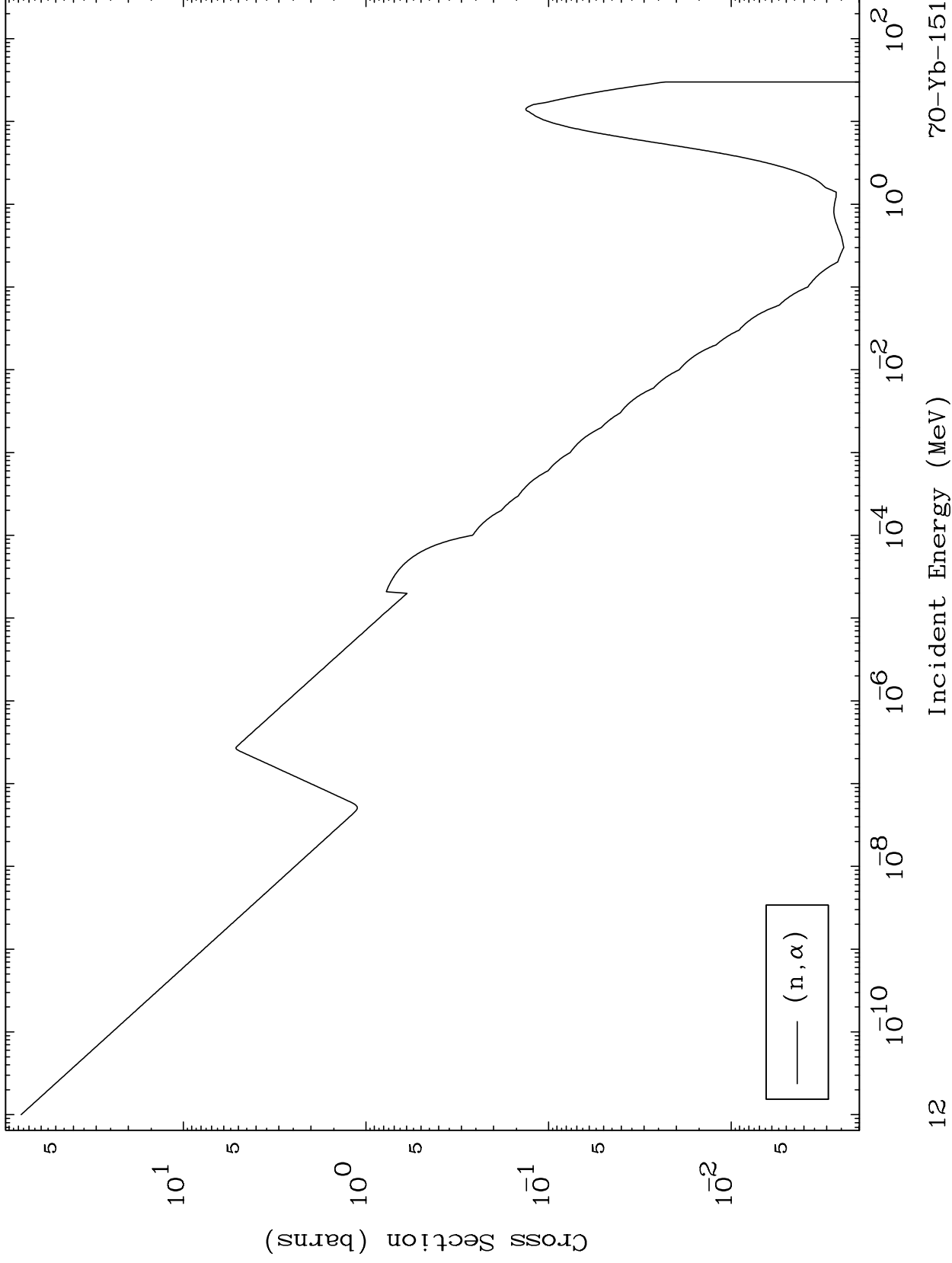
70-Yb-151

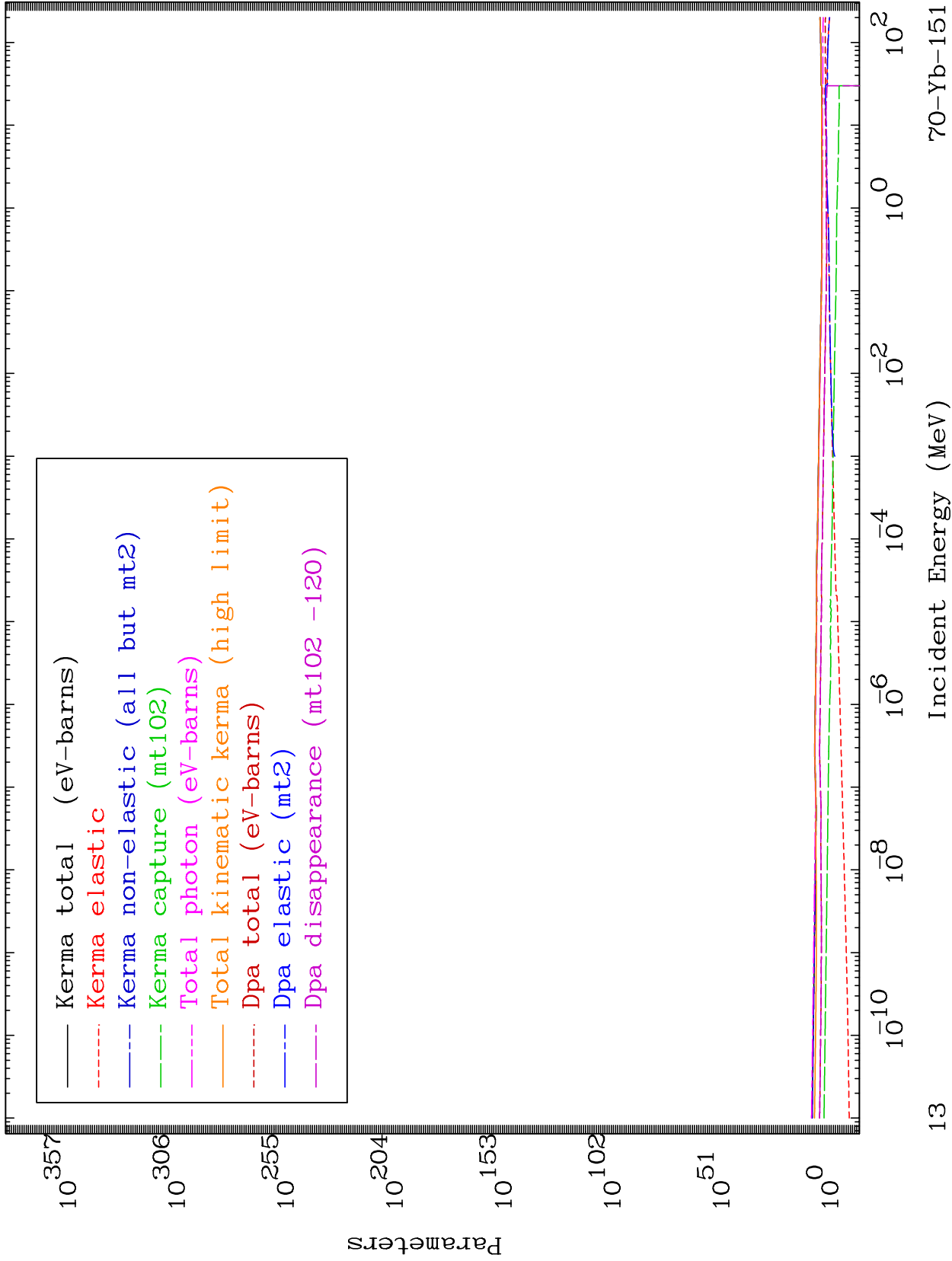


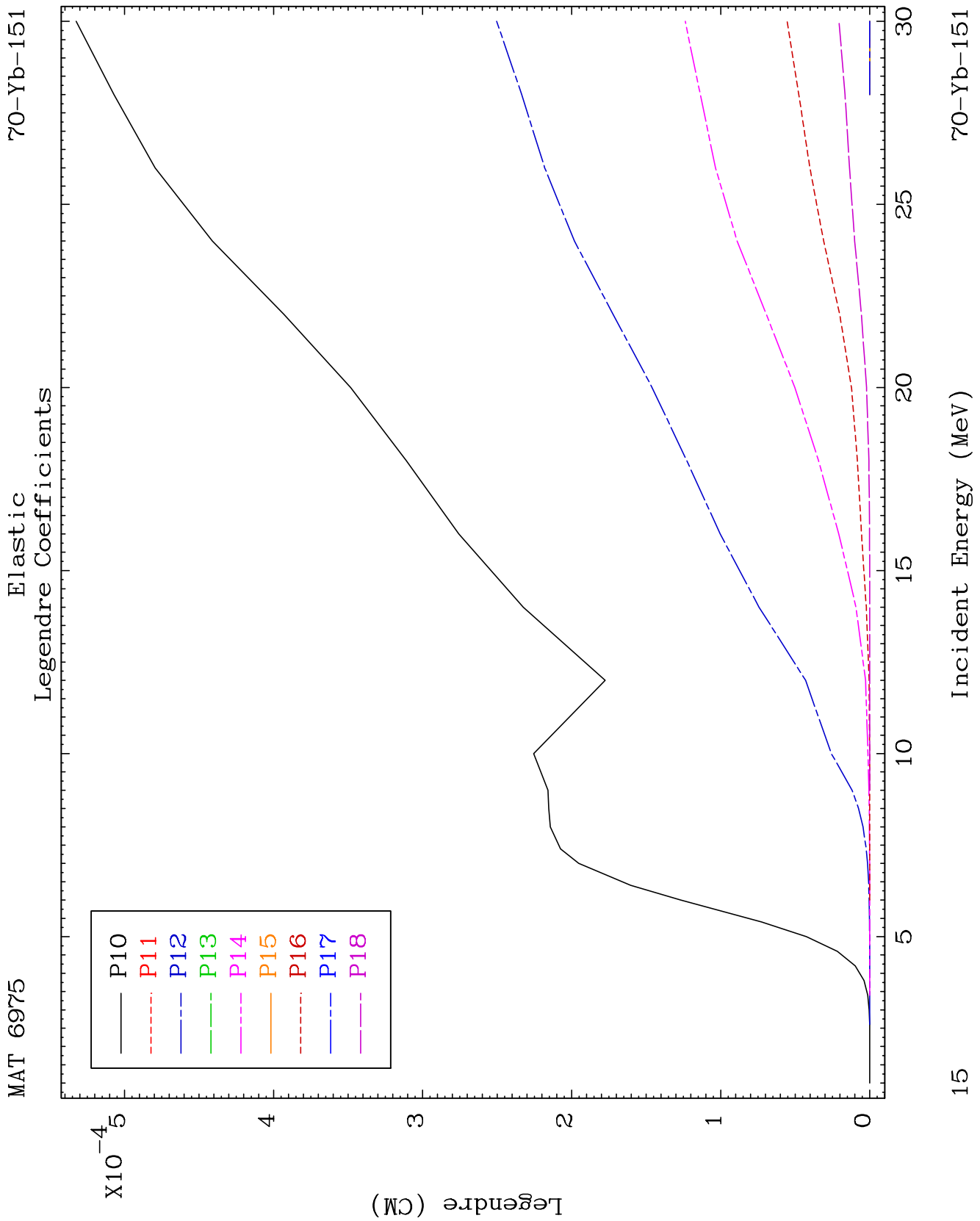
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(n,α) Levels
293 Kelvin Cross Sections

70-Yb-151



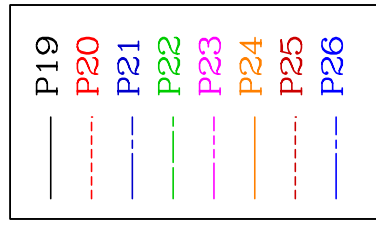




MAT 6975

Elastic
Legendre Coefficients

70-Yb-151



$\times 10^{-6}$

Legendre (CM)

4

3

2

1

0

15

20

25

30

16

Incident Energy (MeV)

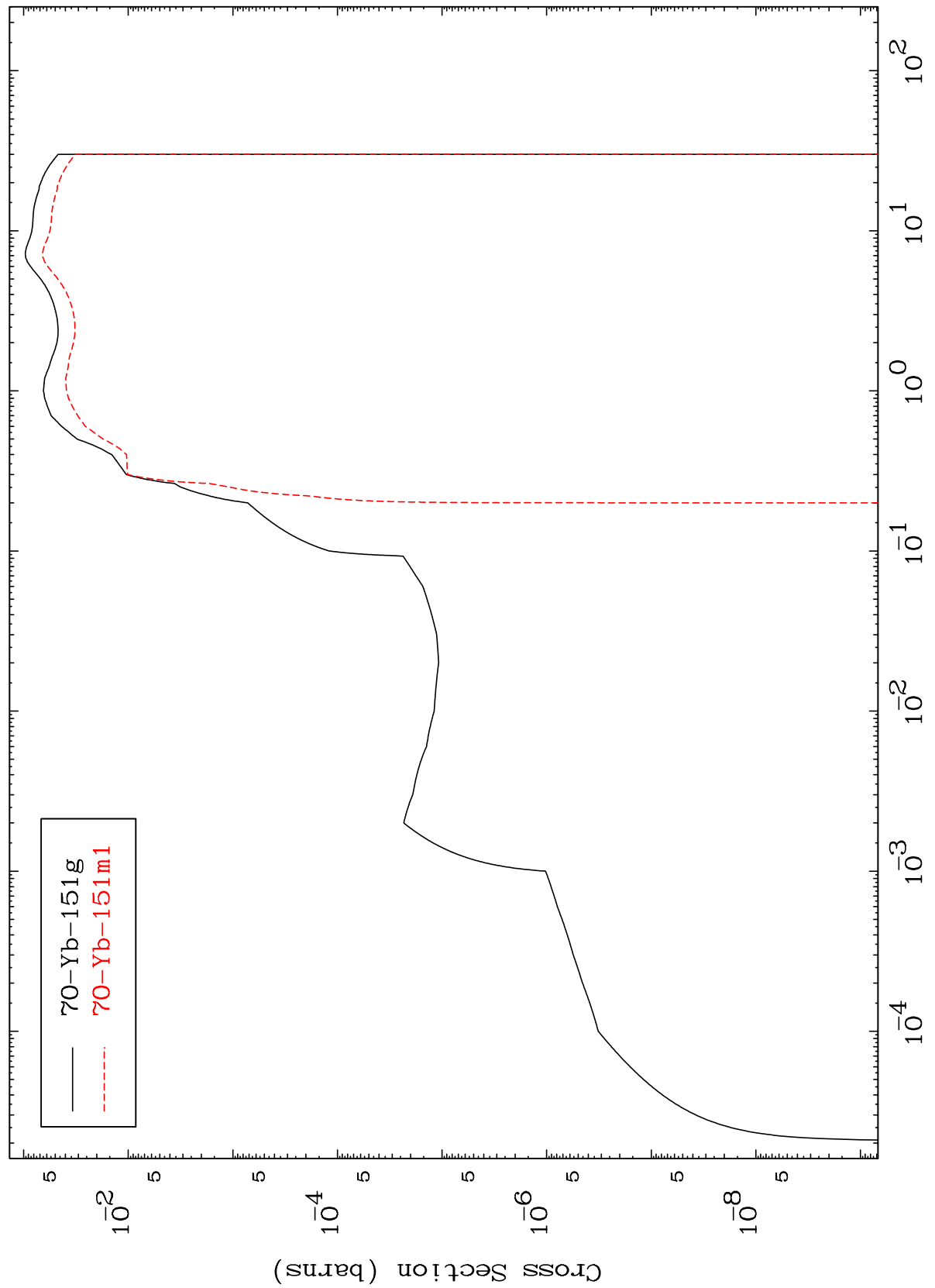
70-Yb-151



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70-Yb-151

Inelastic
Radionuclide Production Cross Section



17

70-Yb-151

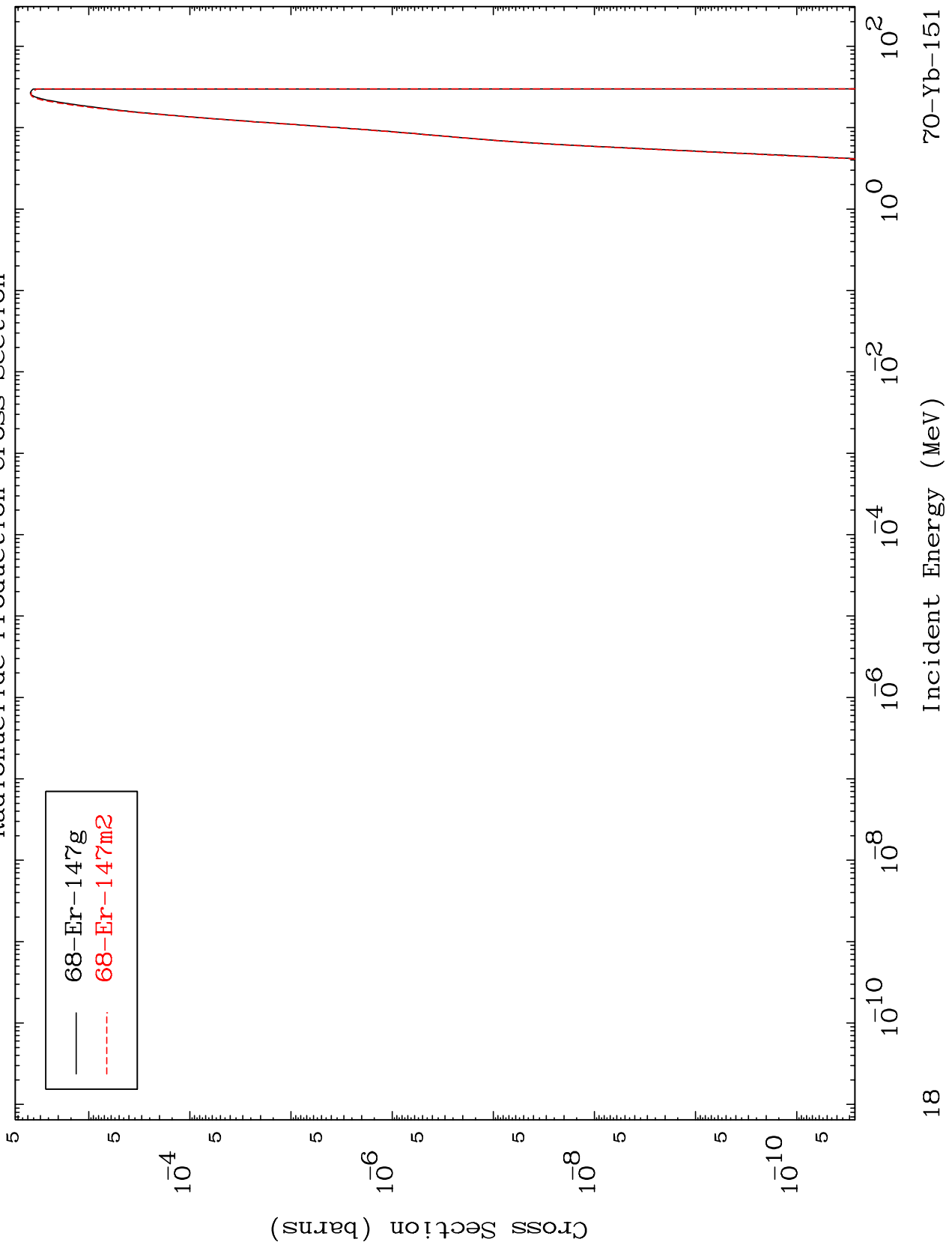
Incident Energy (MeV)

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(n,n') α

70-Yb-151

Radionuclide Production Cross Section

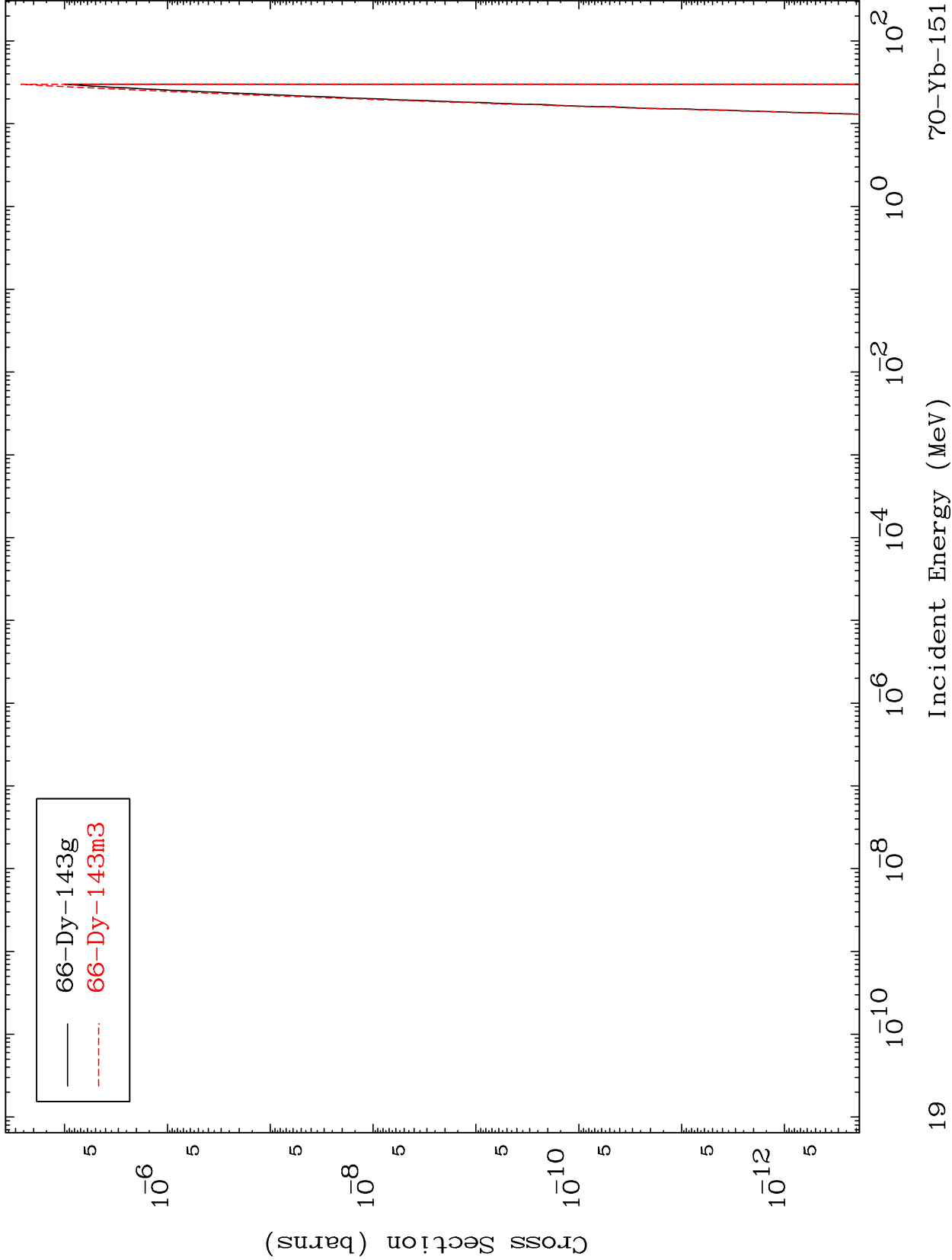


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(n,n') 2 α

70-Yb-151

Radionuclide Production Cross Section

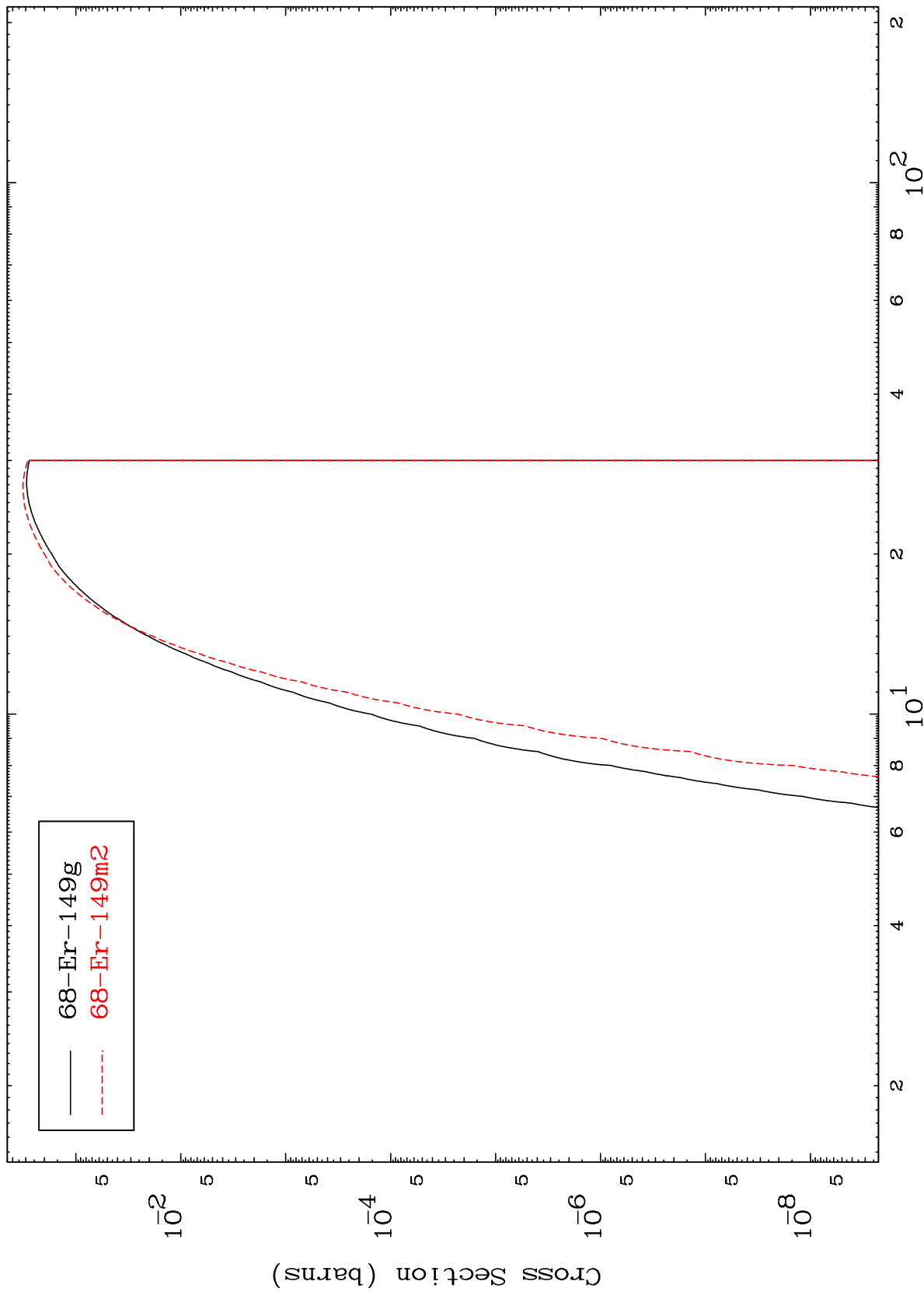


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(n,2n) p

70-Yb-151

Radionuclide Production Cross Section



20

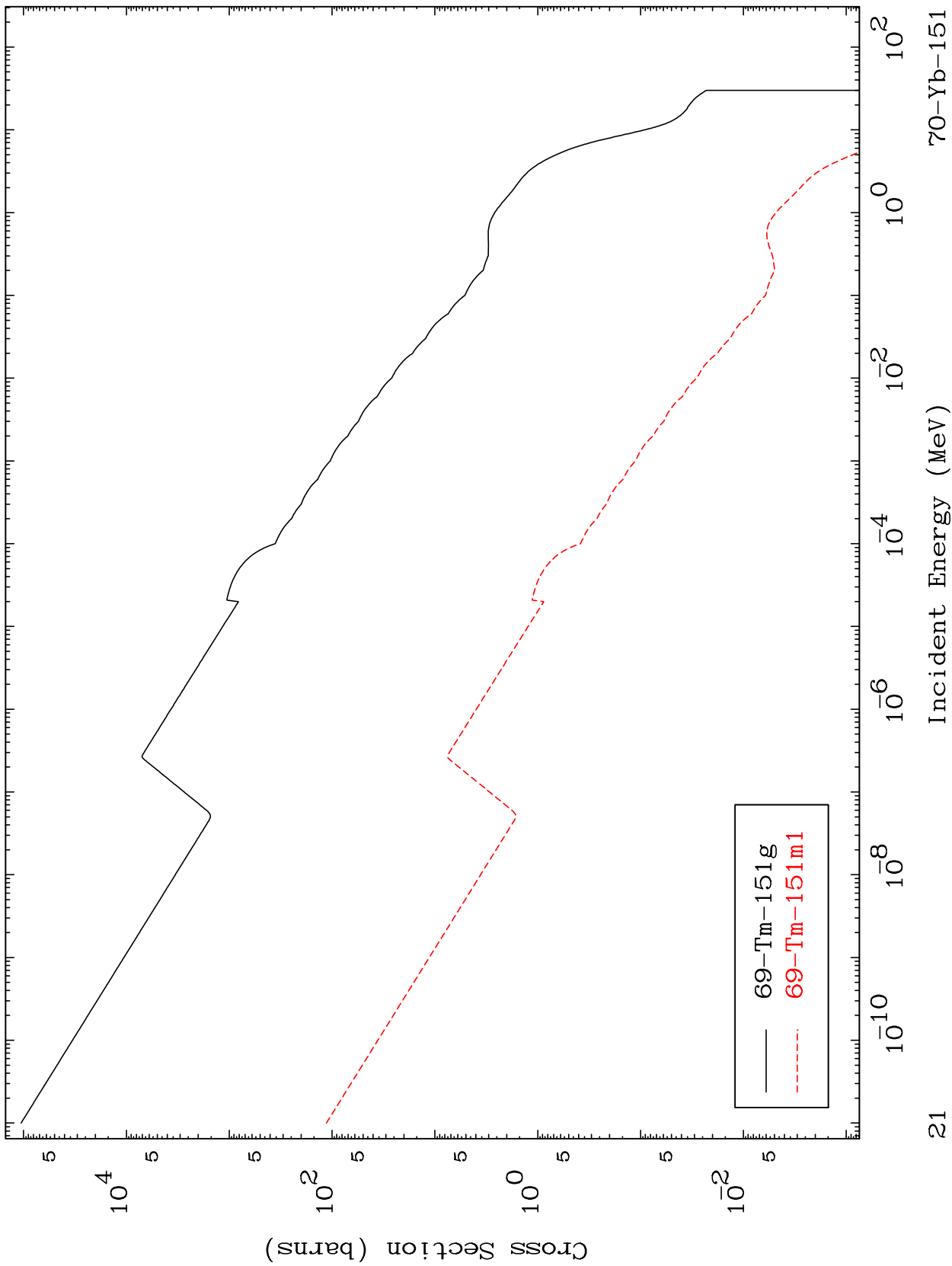
Incident Energy (MeV)

70-Yb-151

MAT 6975

70-Yb-151

(n,p)
Radionuclide Production Cross Section

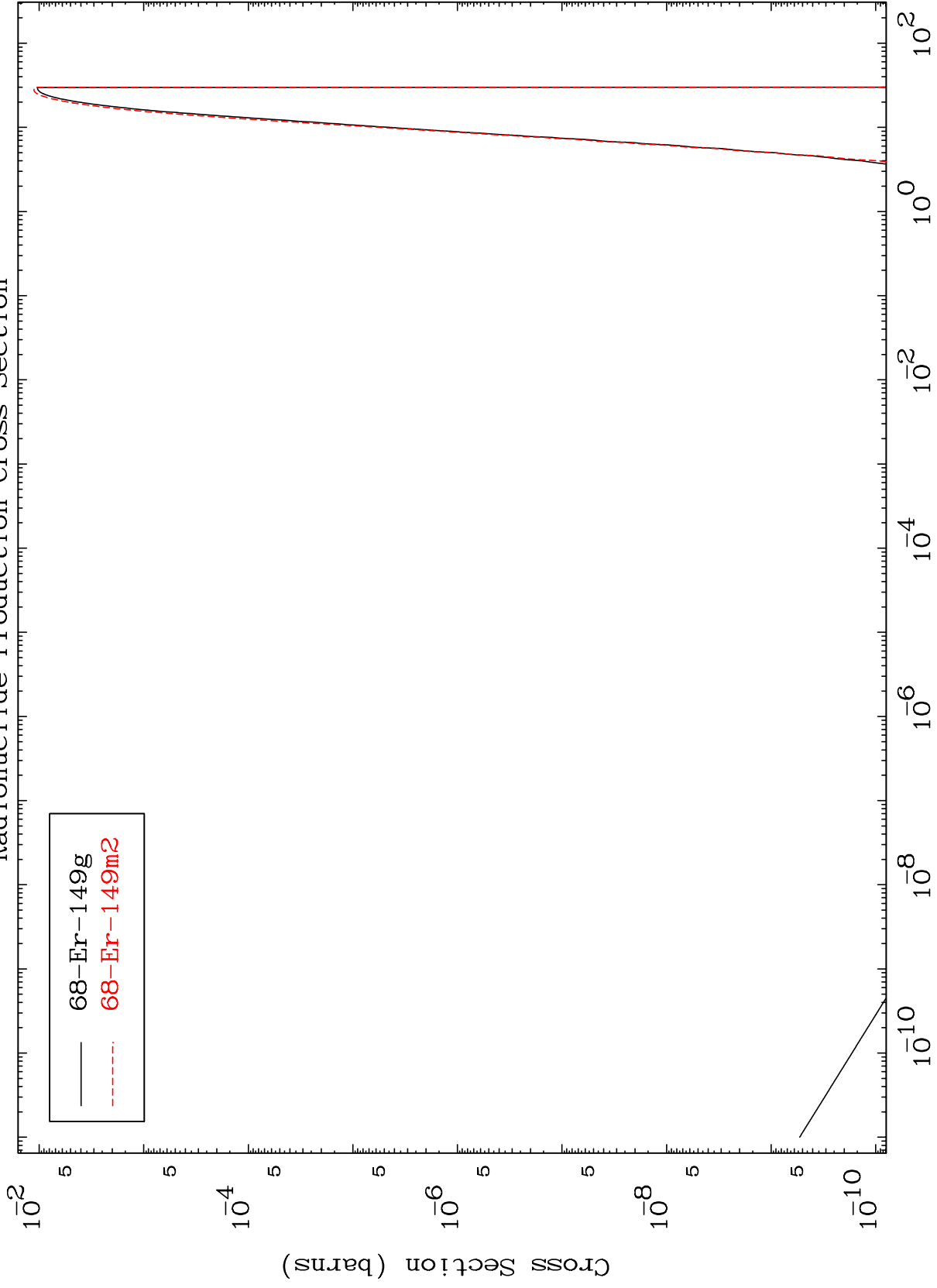


MAT 6975

(n,He-3)

70-Yb-151

Radionuclide Production Cross Section



68-Er-149g
68-Er-149m2

Incident Energy (MeV)

70-Yb-151

MAT 6975

(n,p) d

70-Yb-151

Radionuclide Production Cross Section

