

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

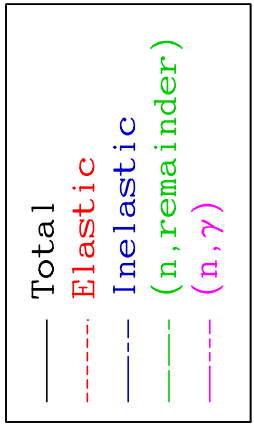
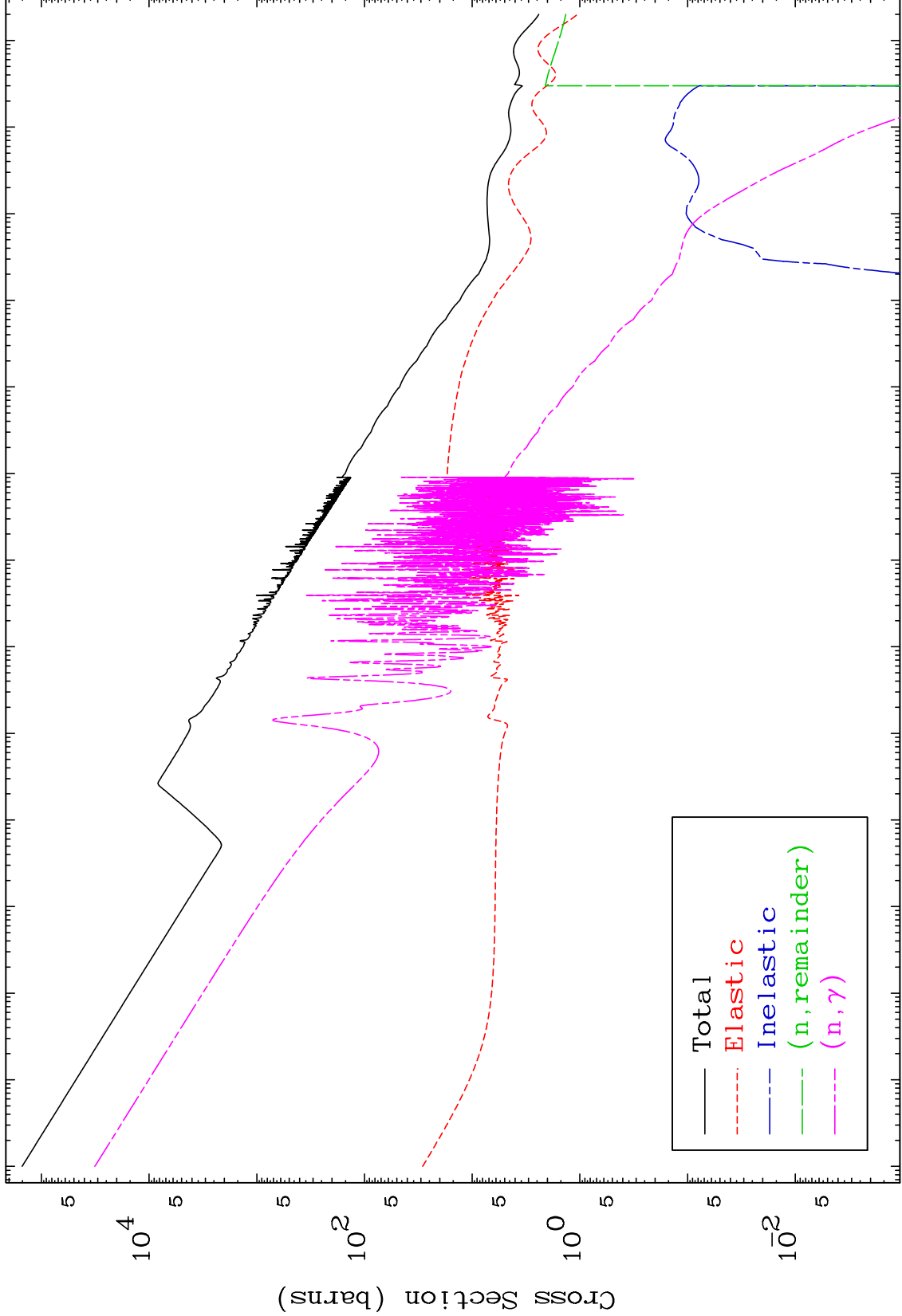
Press Mouse Button to Start

MAT 6975

Major

293 Kelvin Cross Sections

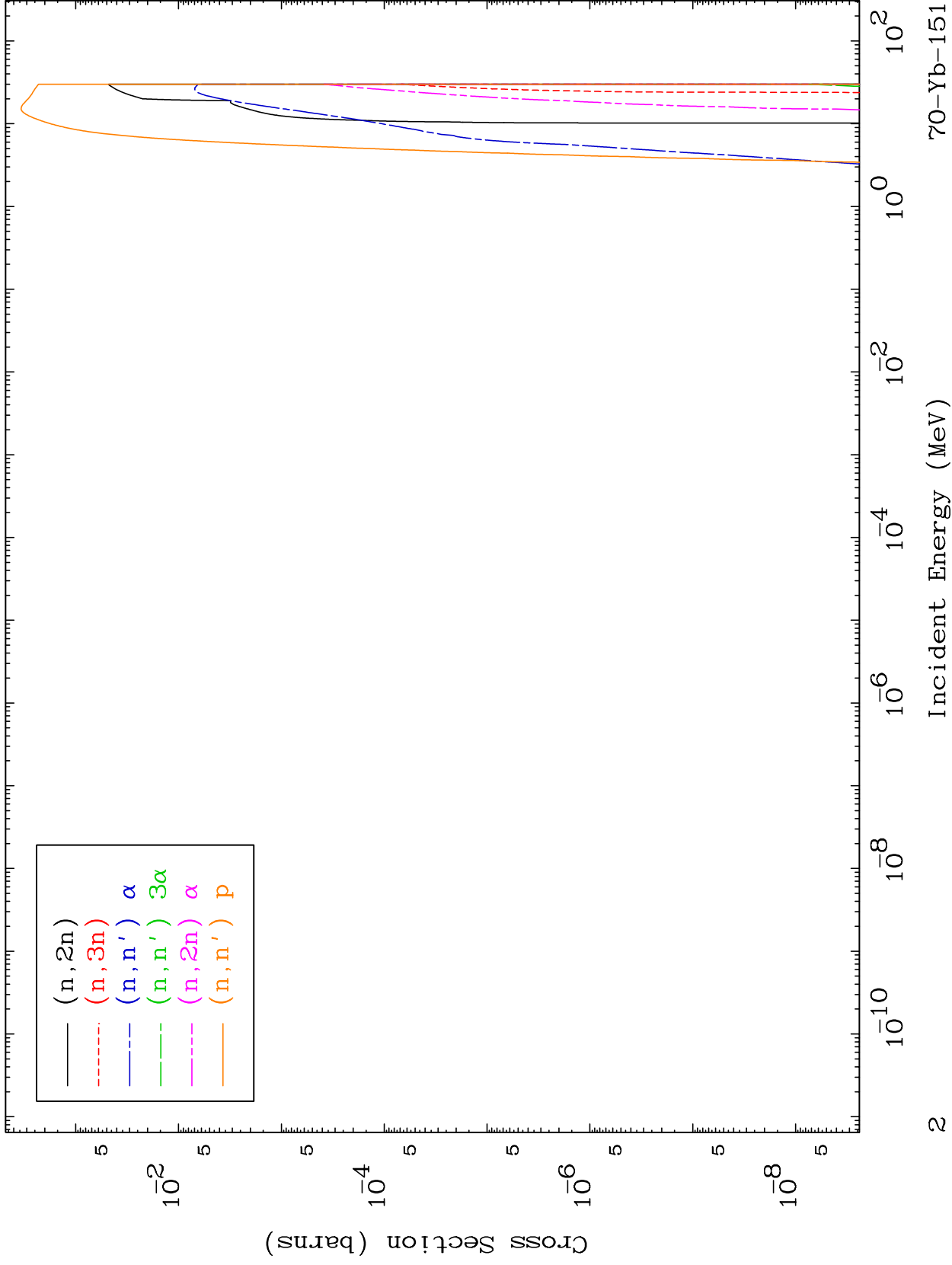
70-Yb-151



MAT 6975

Neutron Production
293 Kelvin Cross Sections

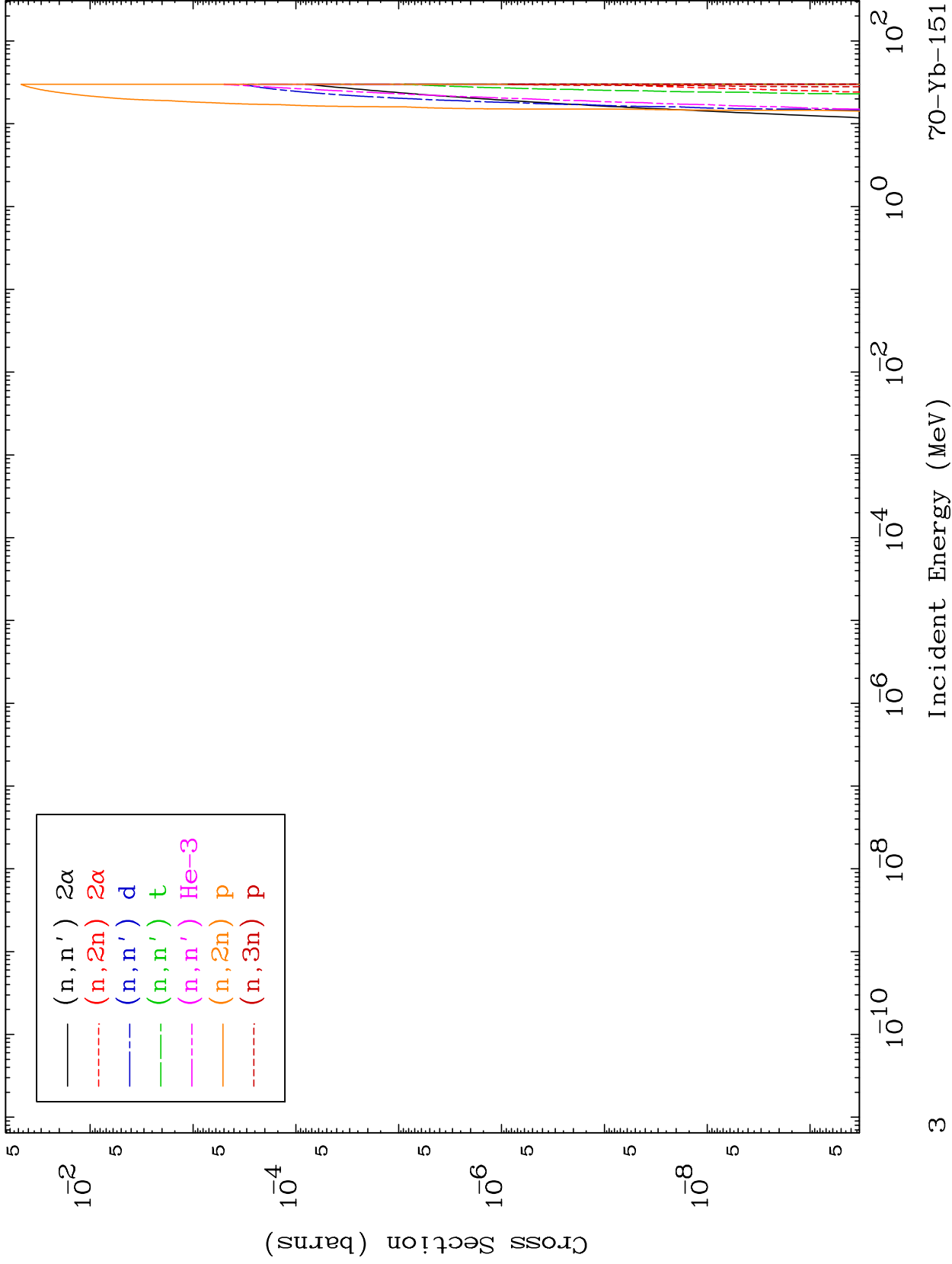
70-Yb-151



MAT 6975

Neutron Production
293 Kelvin Cross Sections

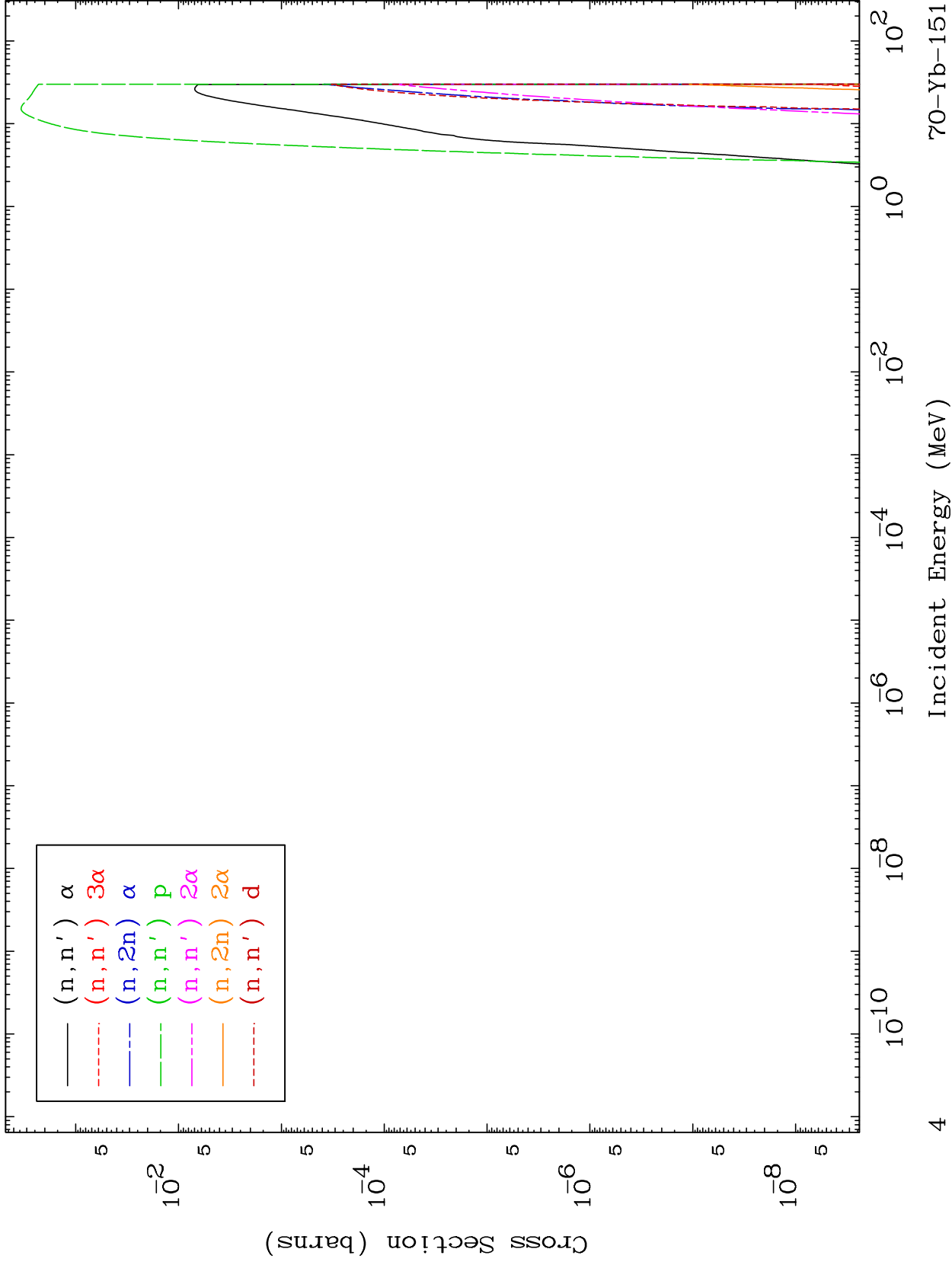
70-Yb-151



MAT 6975

Charged Particle
293 Kelvin Cross Sections

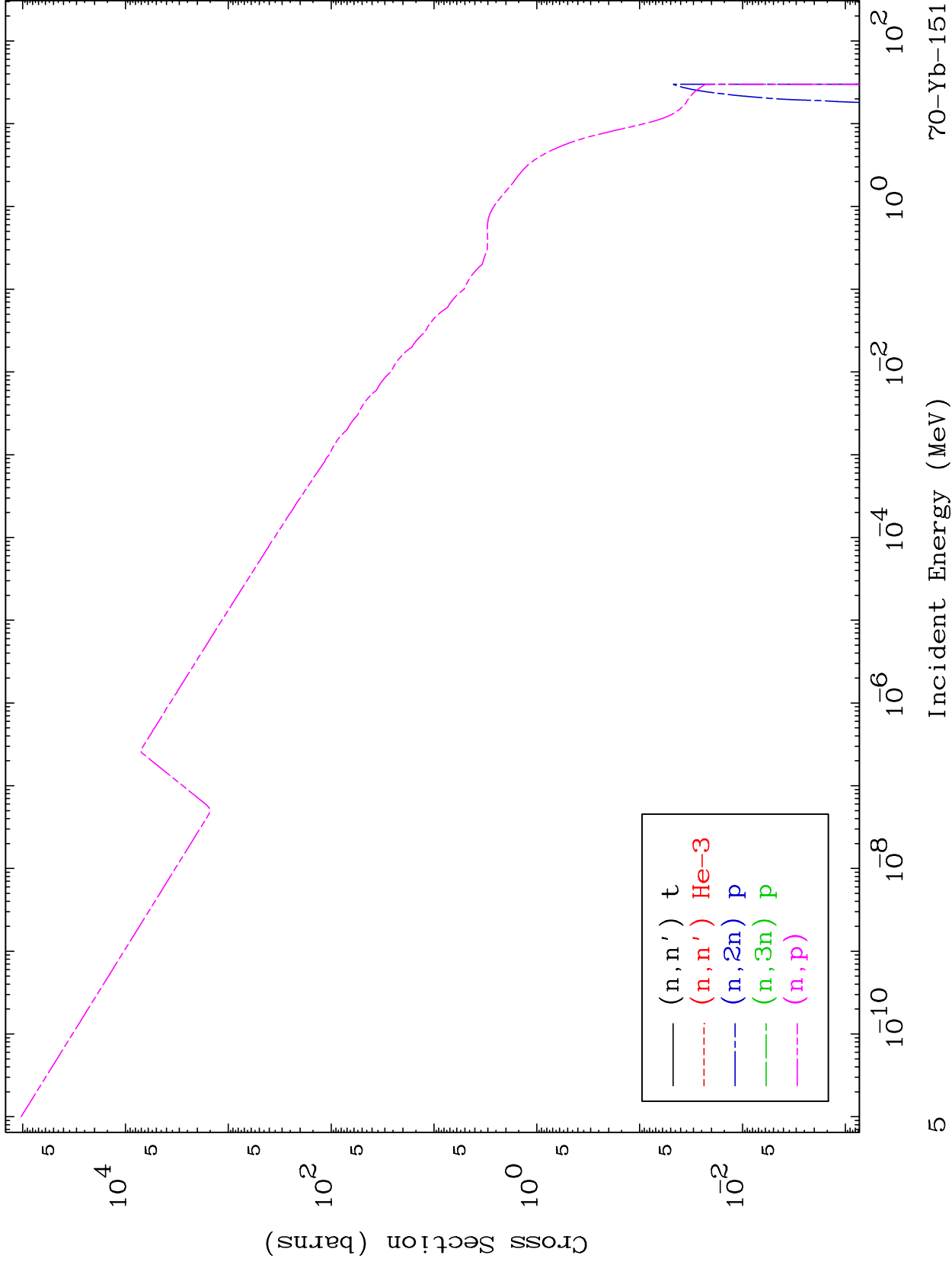
70-Yb-151



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Charged Particle
293 Kelvin Cross Sections

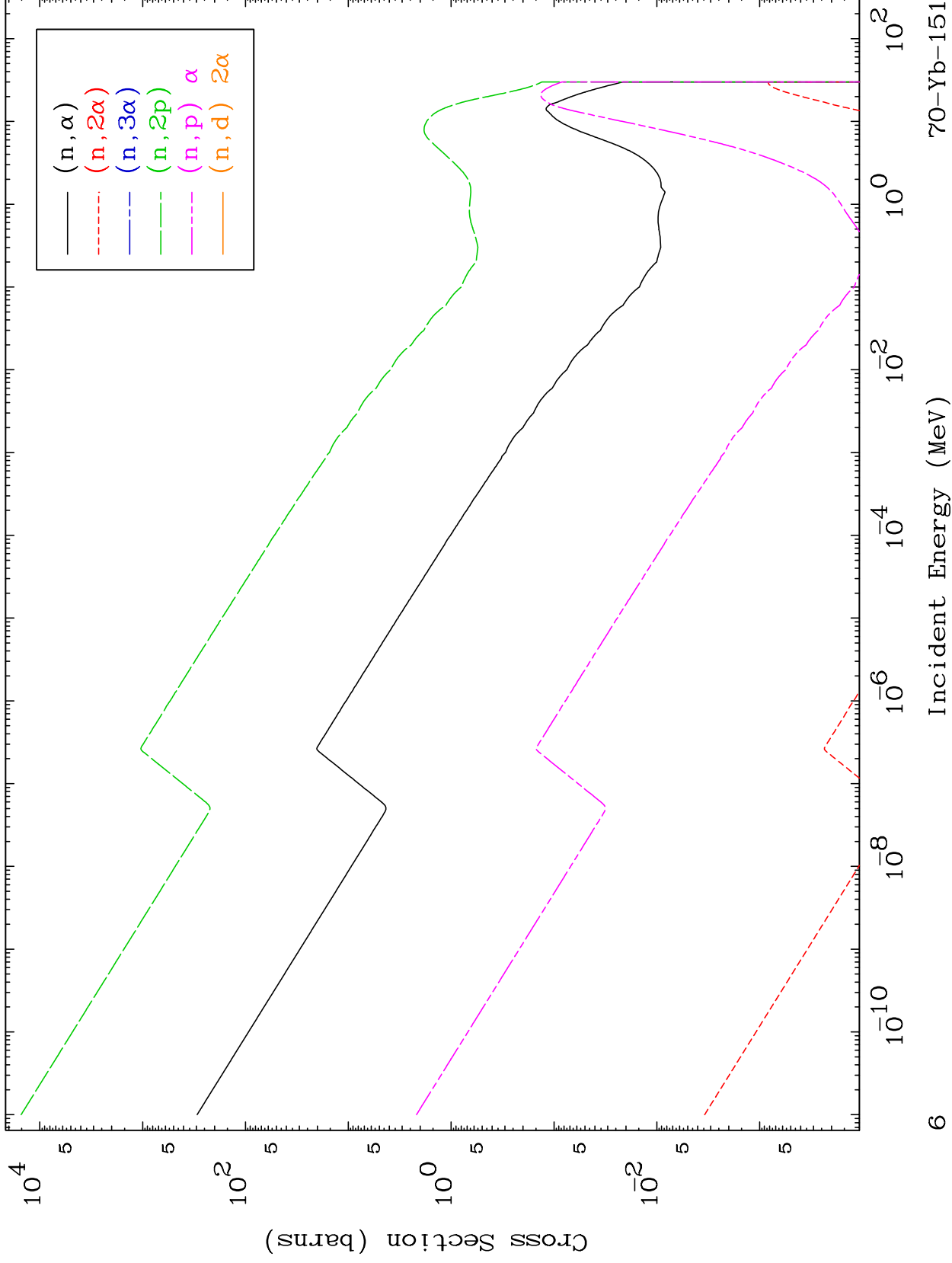
70-Yb-151



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Charged Particle
293 Kelvin Cross Sections

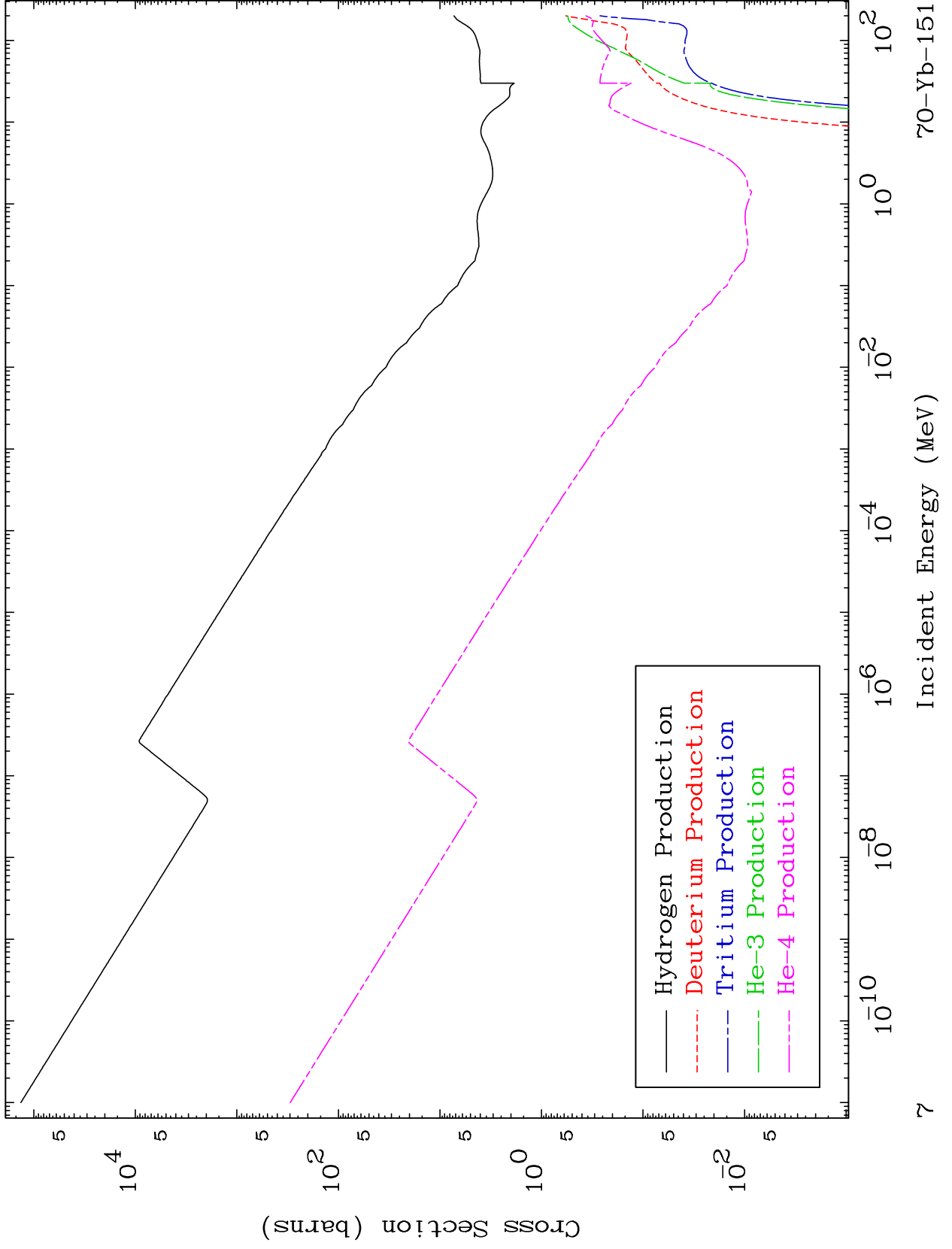
70-Yb-151



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Particle Production
293 Kelvin Cross Sections

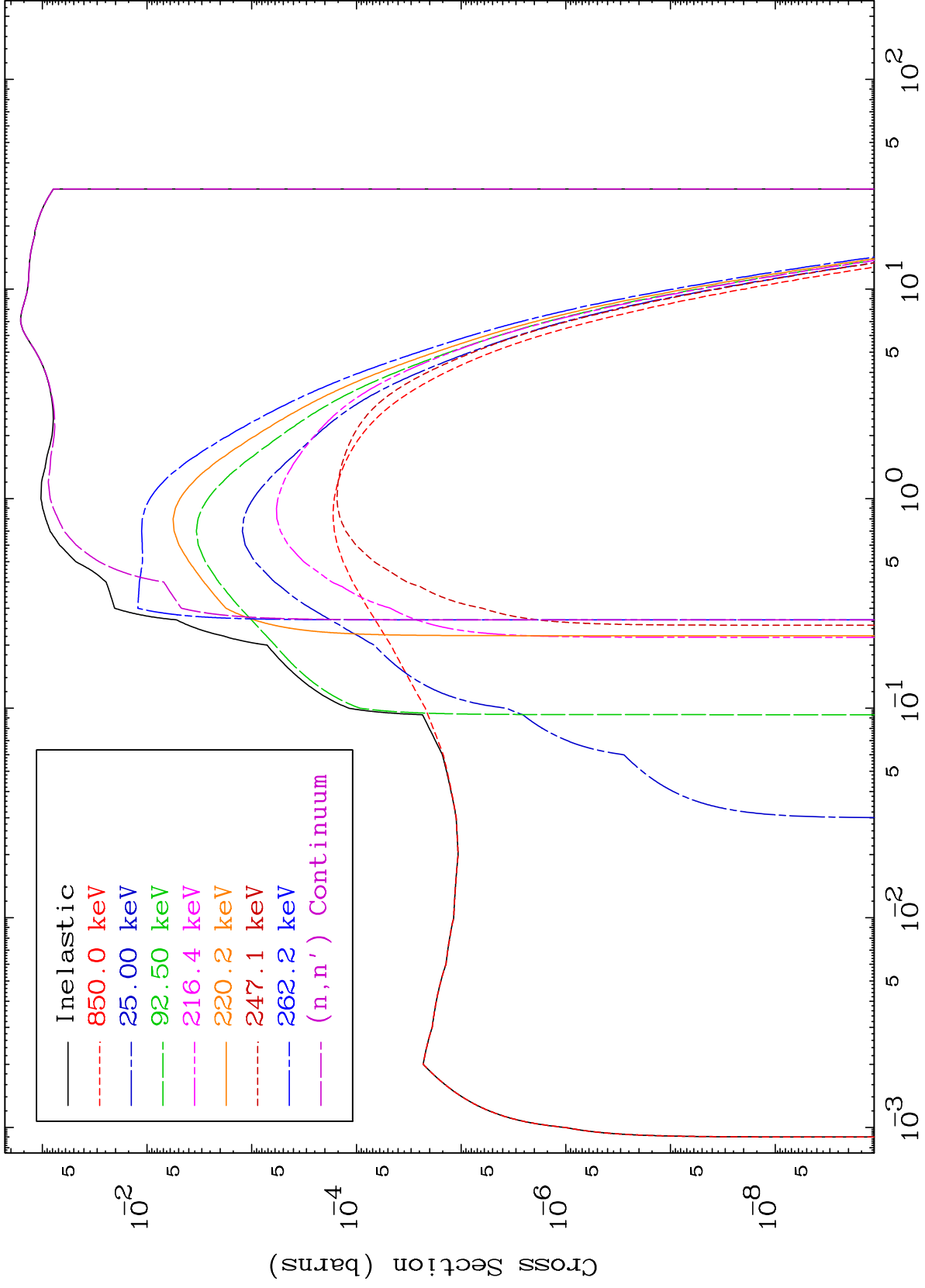
70-Yb-151



MAT 6975

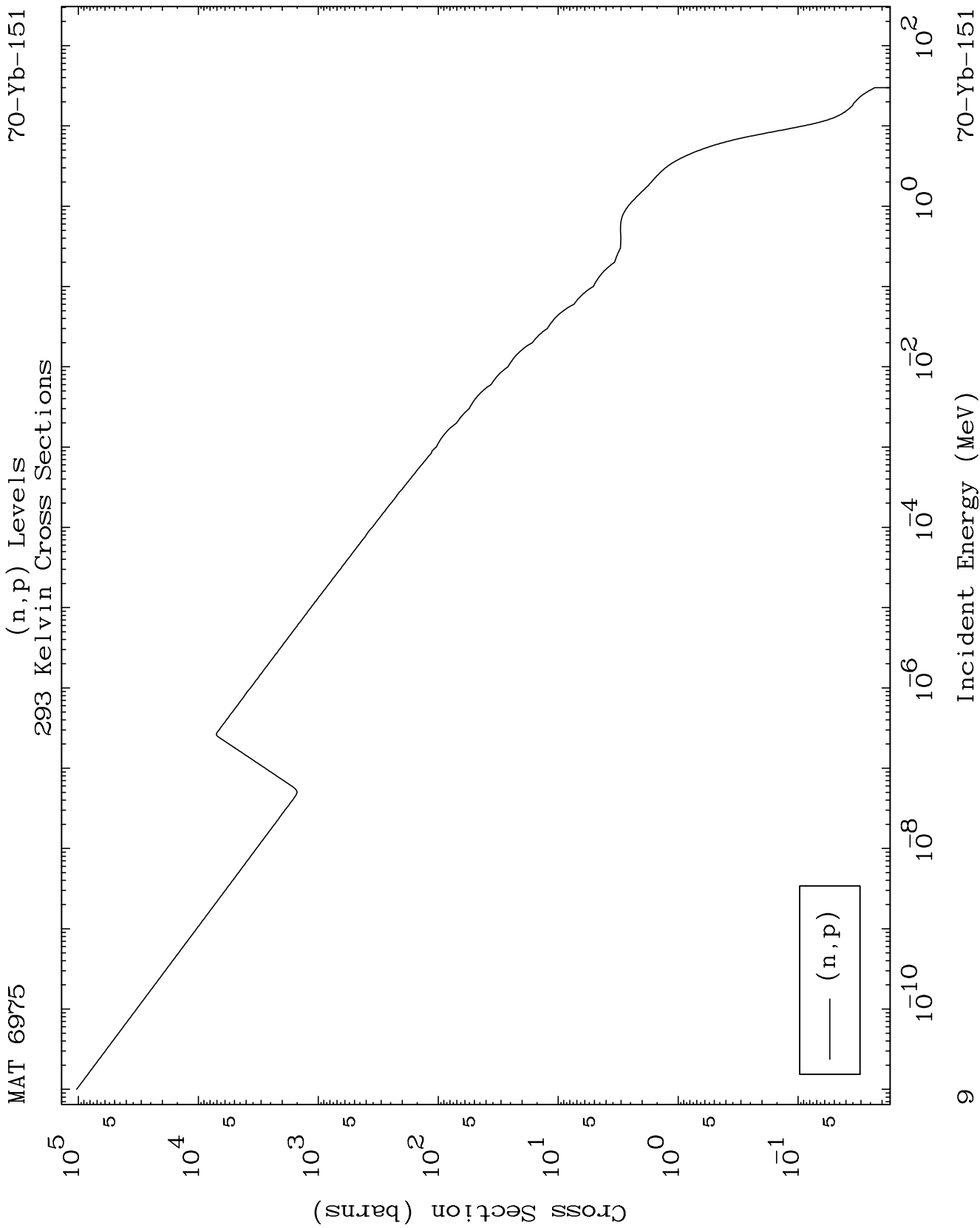
(n,n') Level
293 Kelvin Cross Sections

70-Yb-151



70-Yb-151

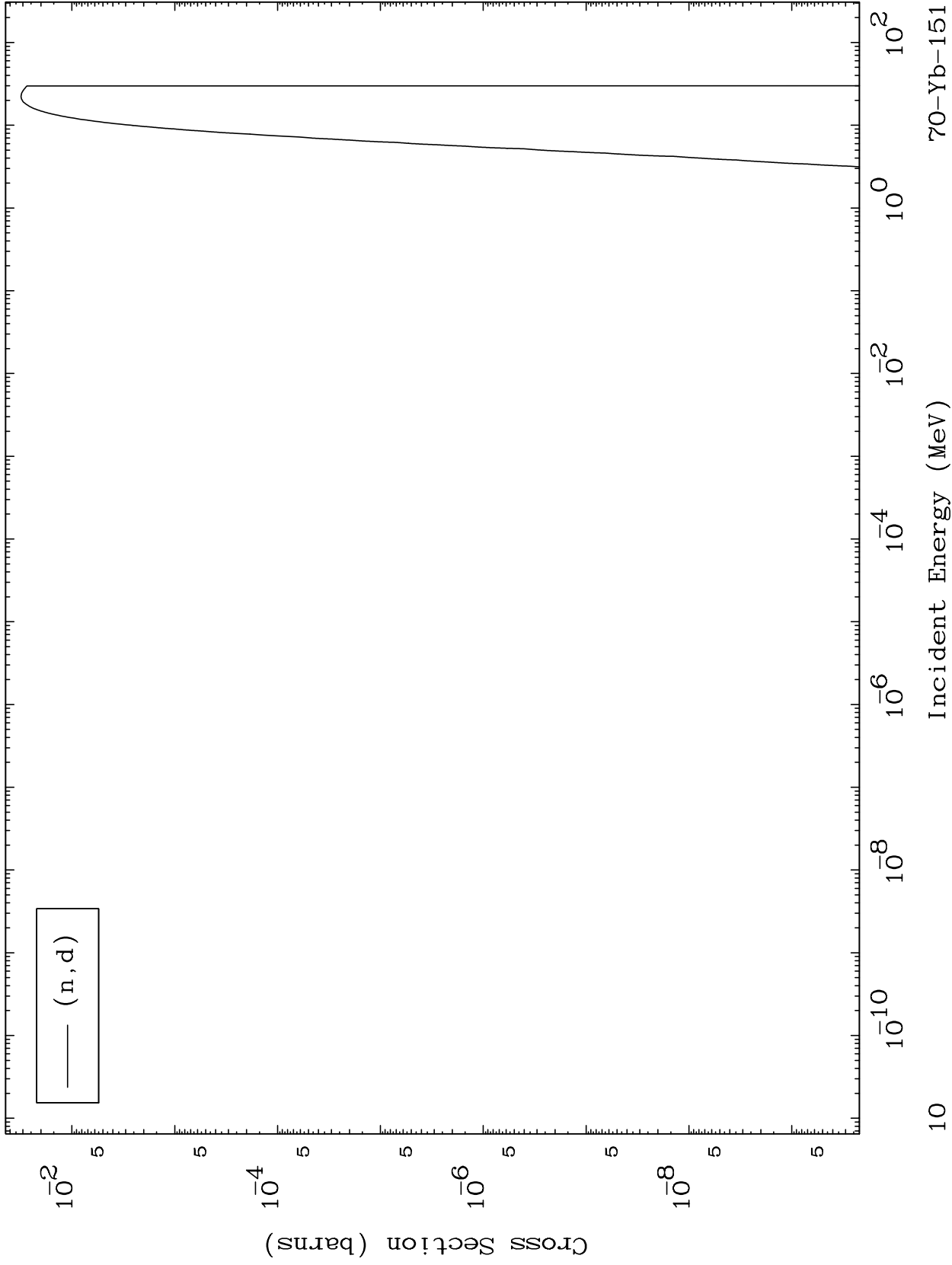
Incident Energy (MeV)



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(n,d) Levels
293 Kelvin Cross Sections

70-Yb-151



10

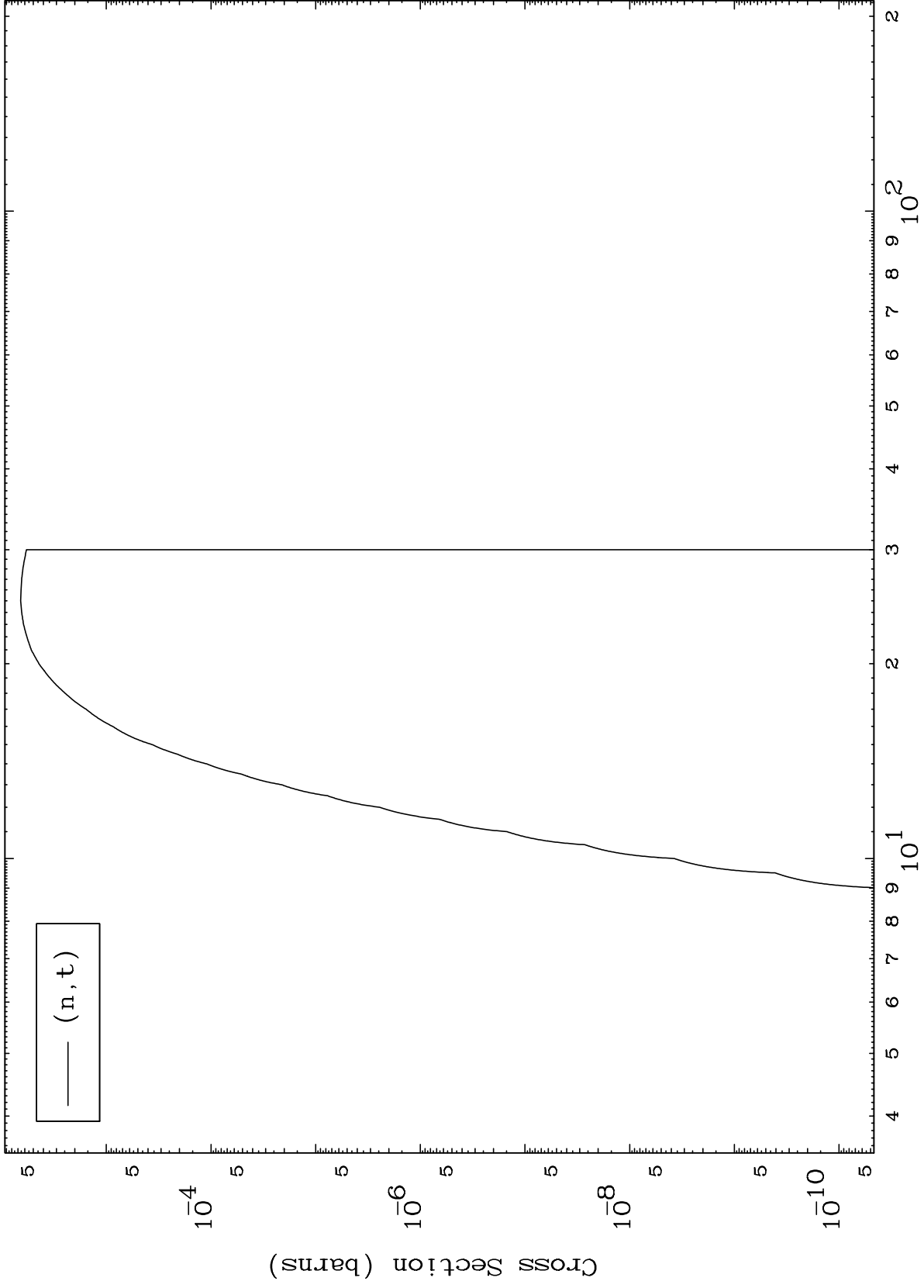
Incident Energy (MeV)

70-Yb-151

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(n,t) Levels
293 Kelvin Cross Sections

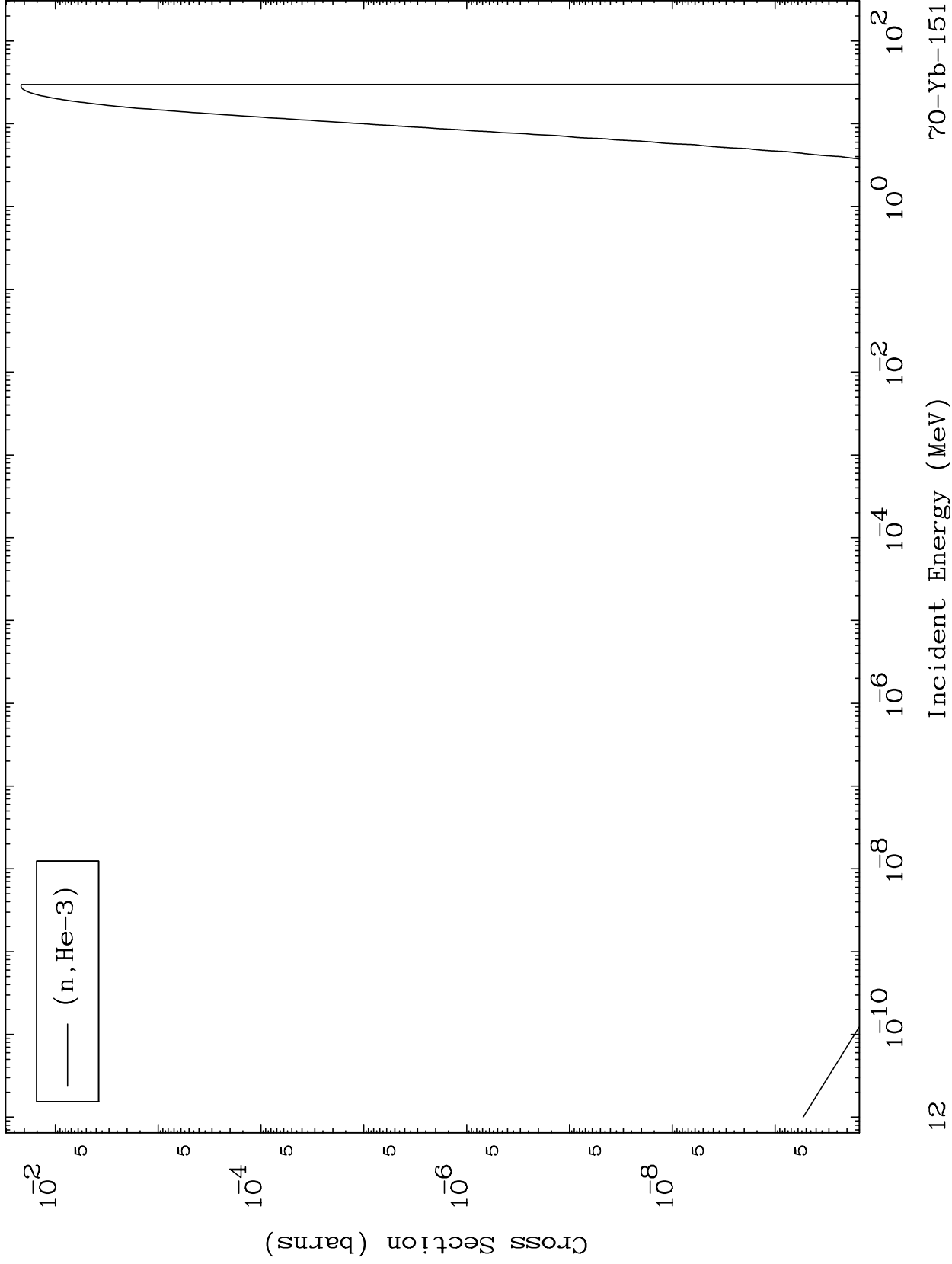
70-Yb-151



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(n,He3) Levels
293 Kelvin Cross Sections

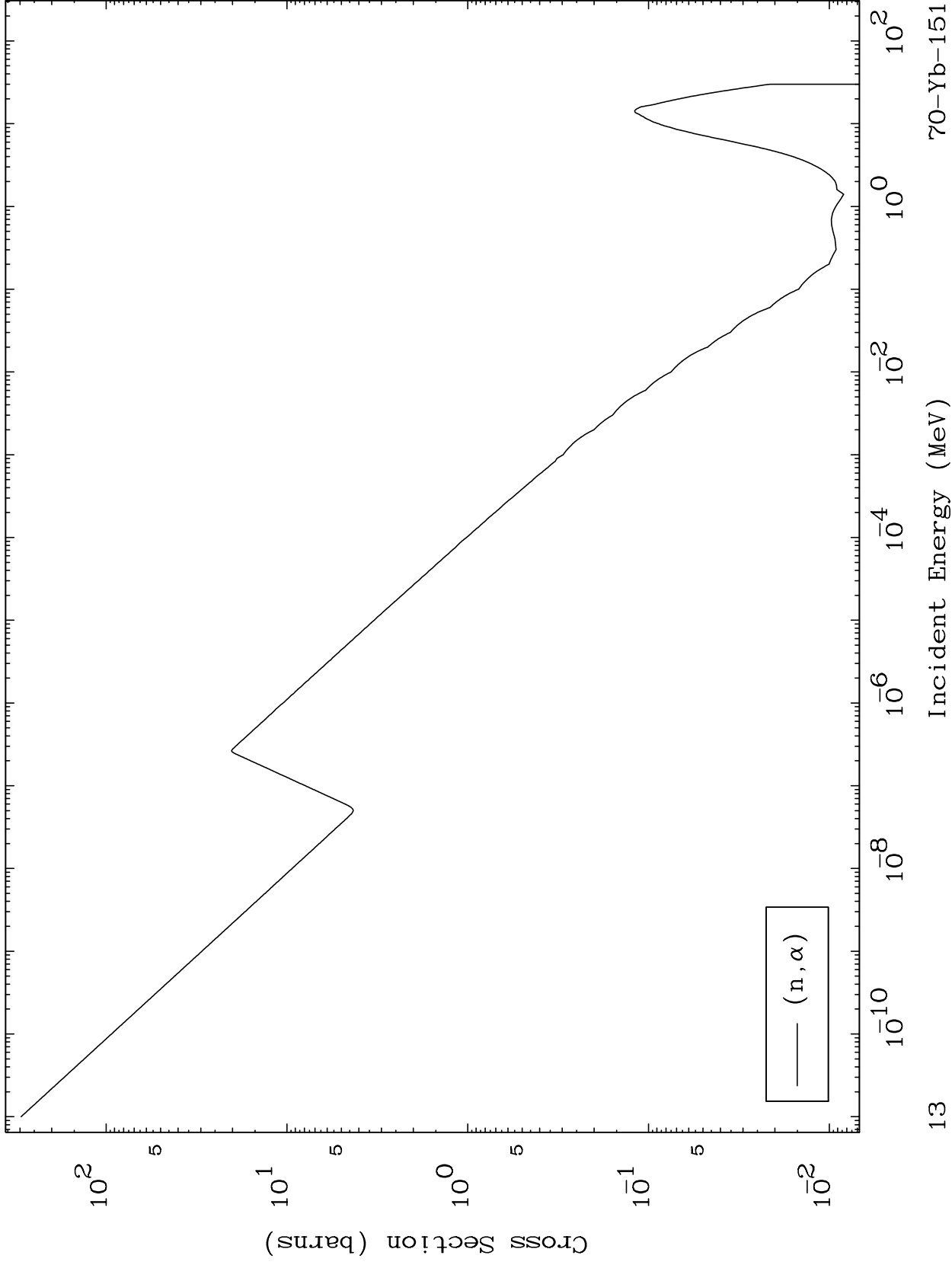
70-Yb-151

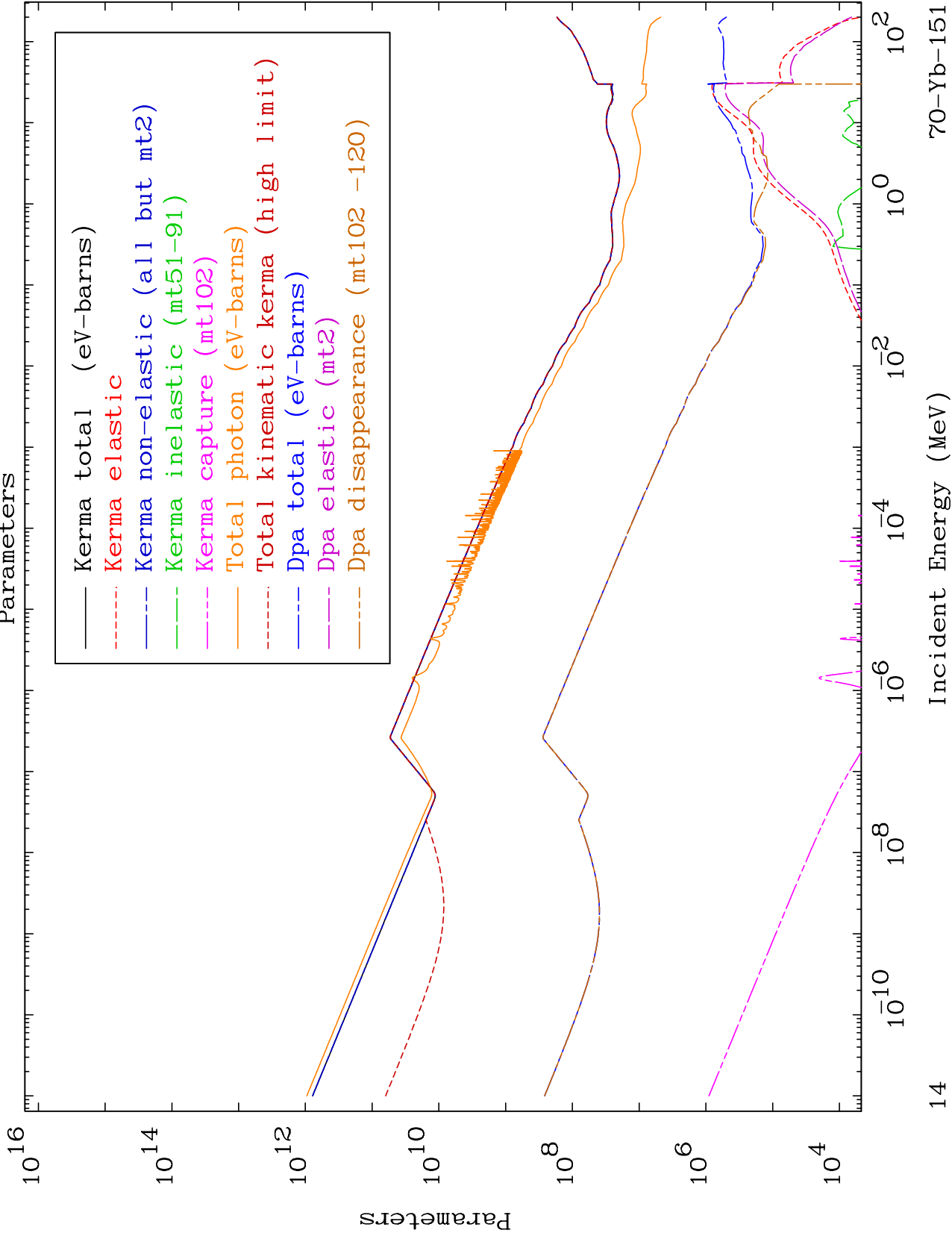


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(n, α) Levels
293 Kelvin Cross Sections

70-Yb-151

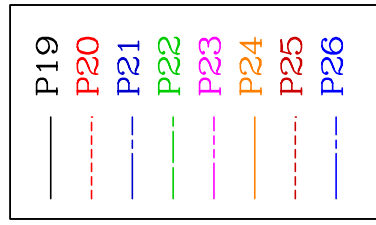




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Elastic
Legendre Coefficients

70-Yb-151



$\times 10^{-6}$

Legendre (CM)

4

3

2

1

0

15

20

25

30

17

Incident Energy (MeV)

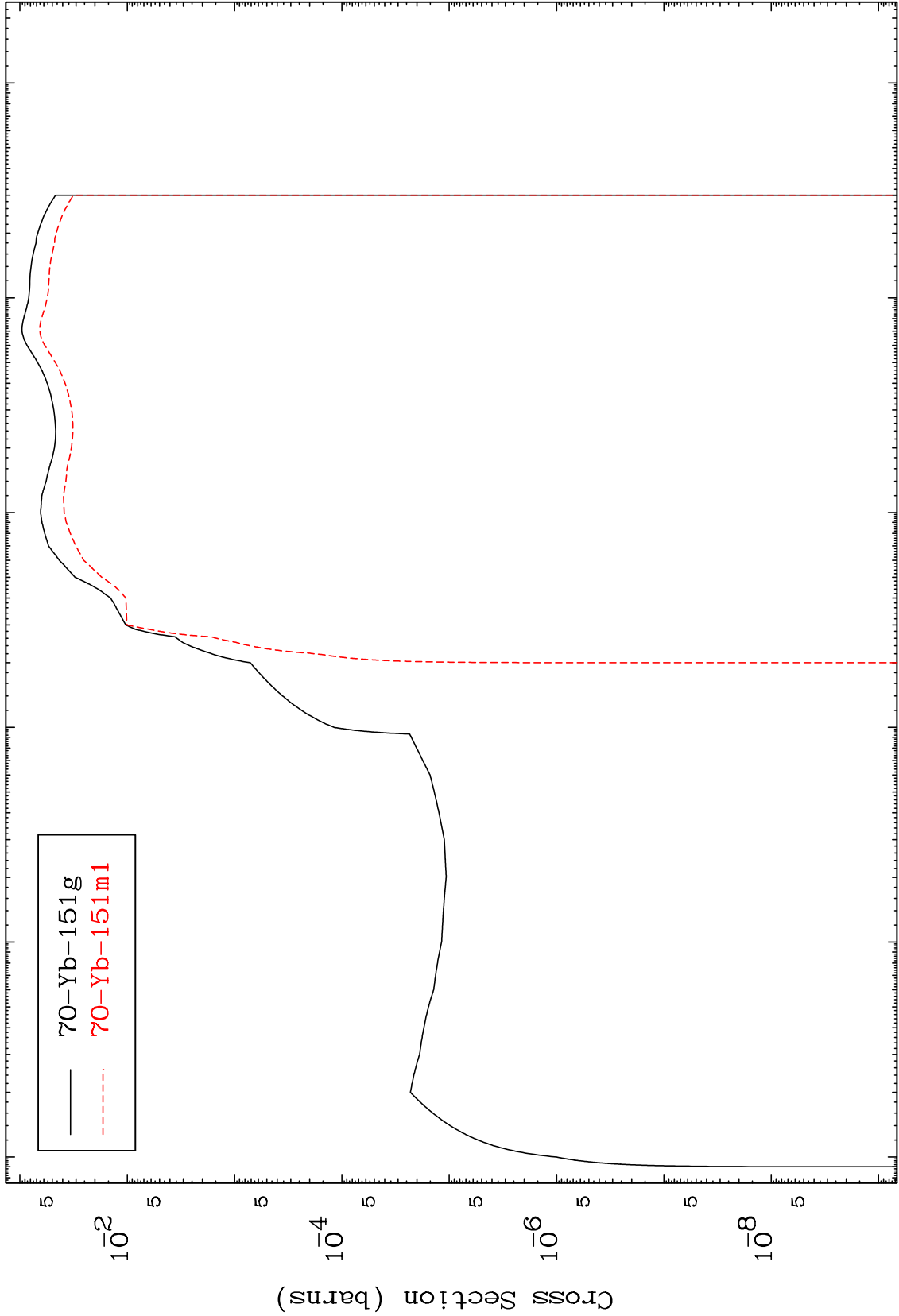
70-Yb-151



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70-Yb-151

Inelastic
Radionuclide Production Cross Section



70-Yb-151

Incident Energy (MeV)

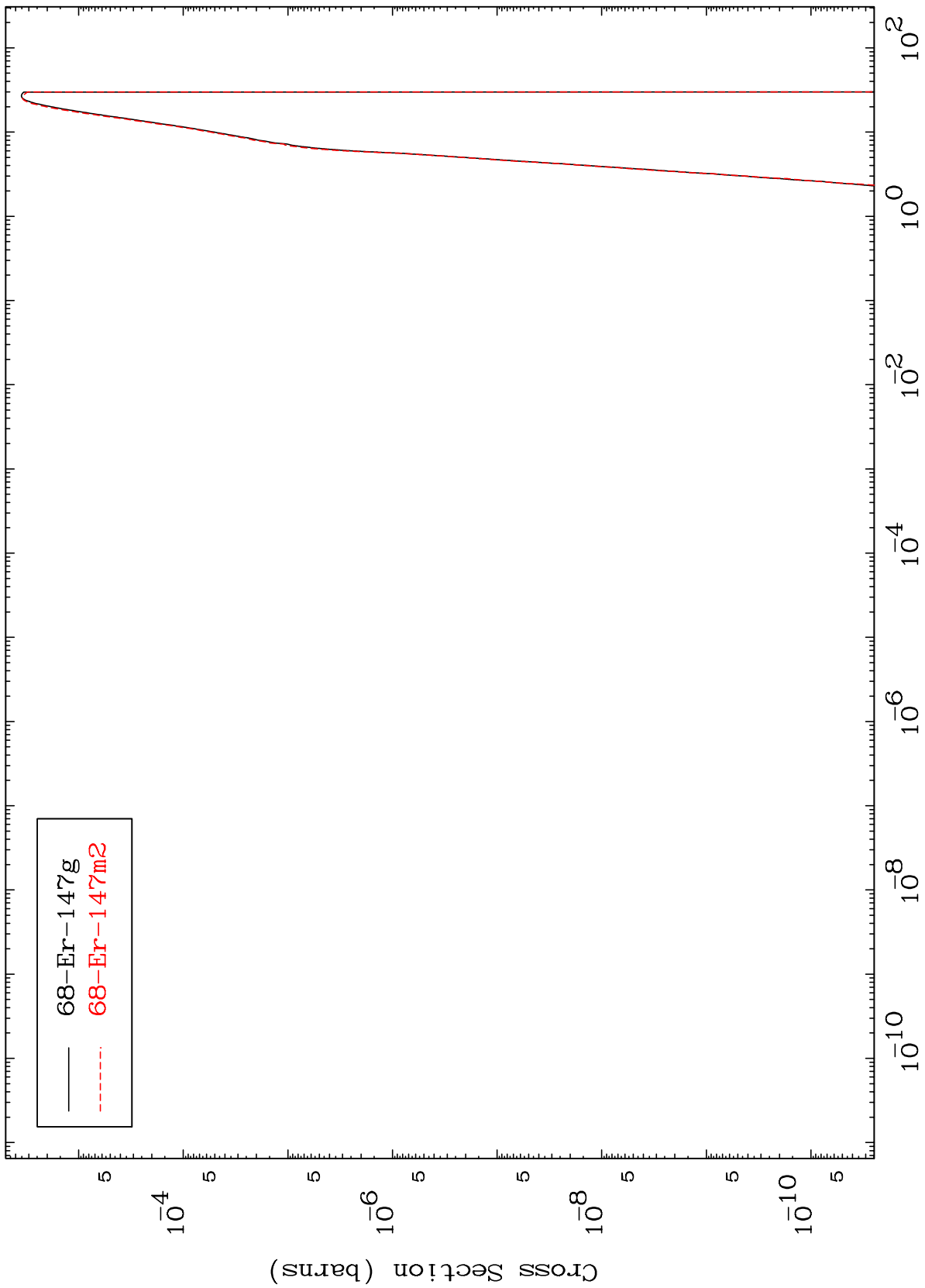
18

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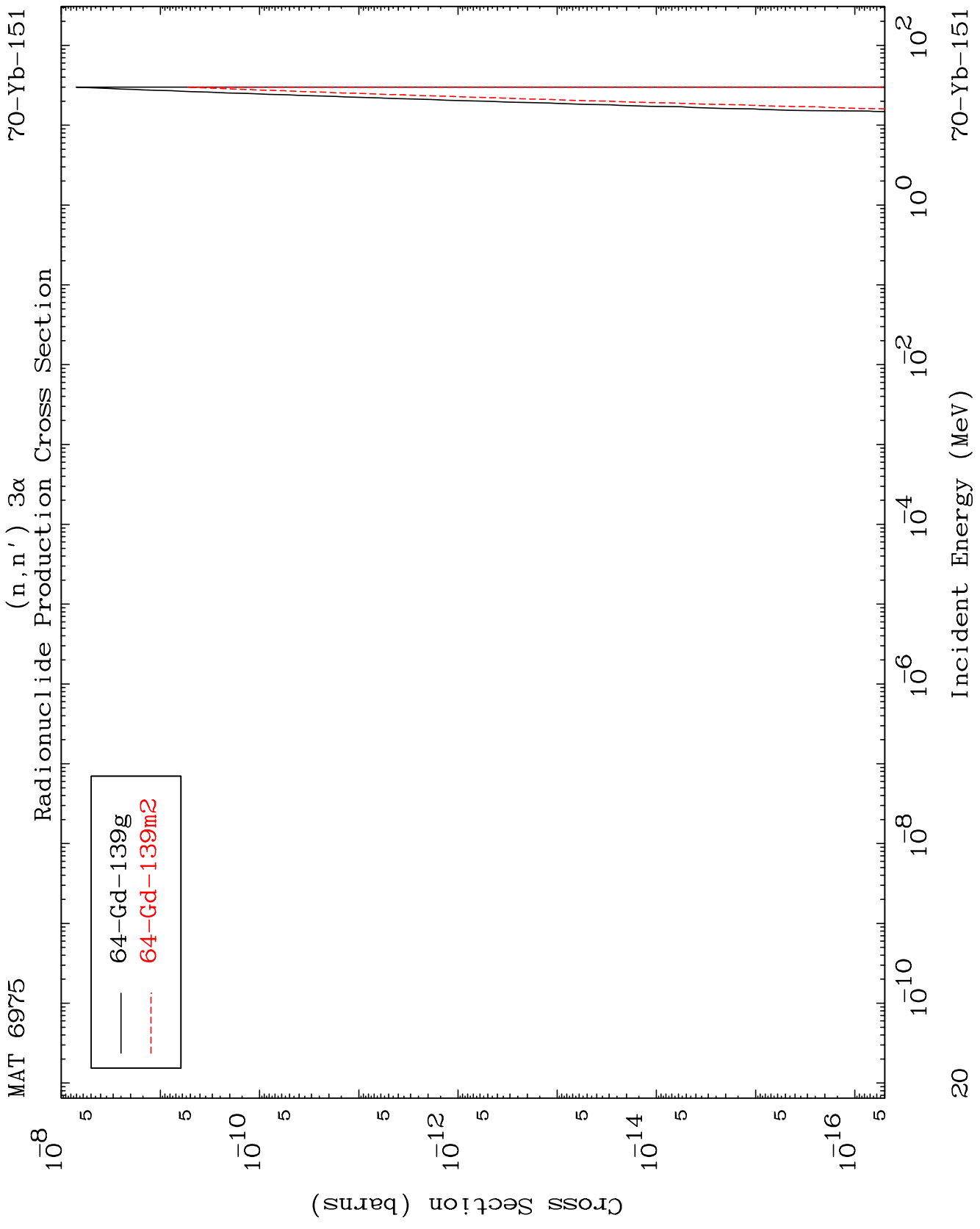
(n,n') α

70-Yb-151

Radionuclide Production Cross Section



68-Er-147g
68-Er-147m2

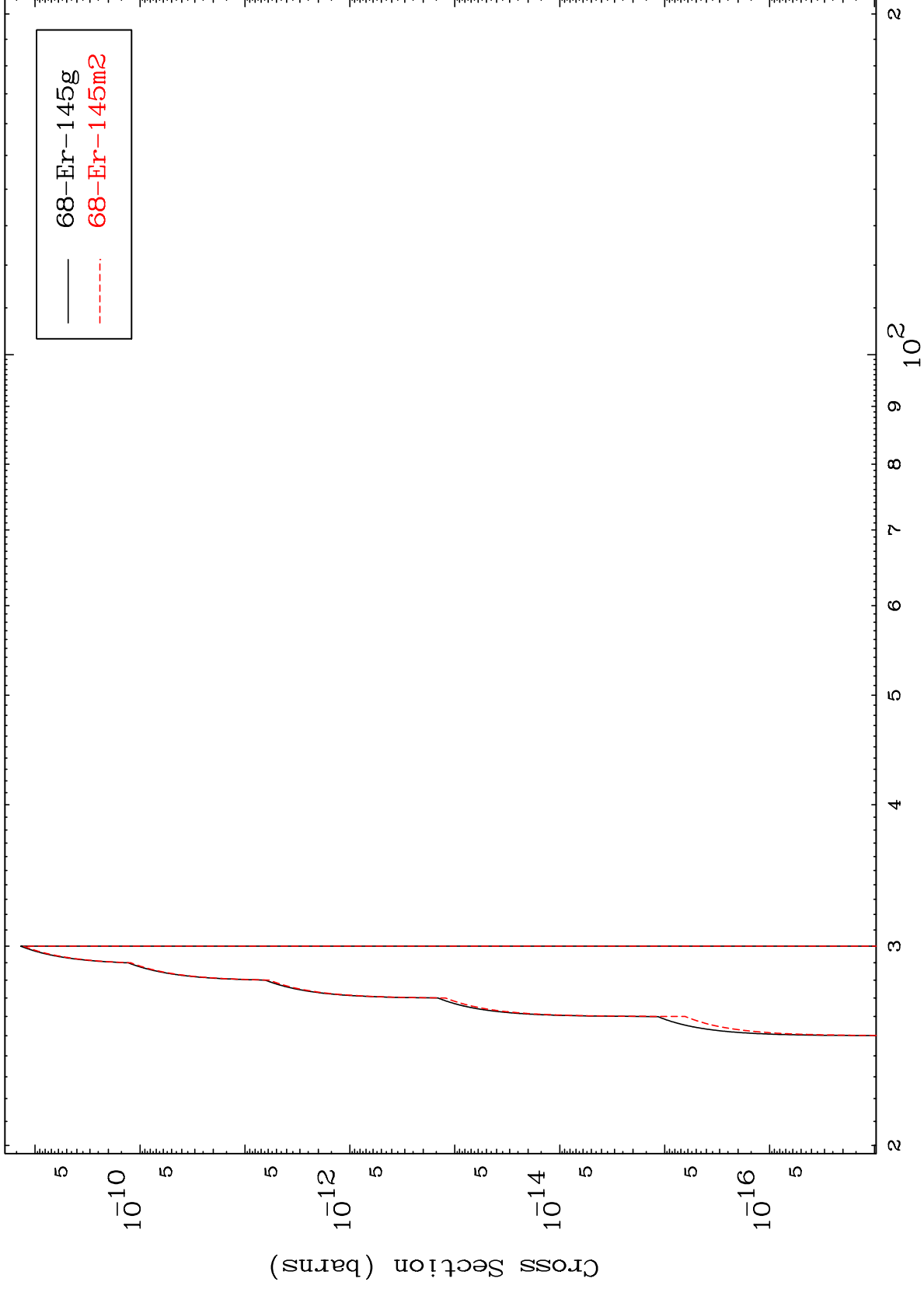


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(n,3n) α

70-Yb-151

Radionuclide Production Cross Section



21

Incident Energy (MeV)

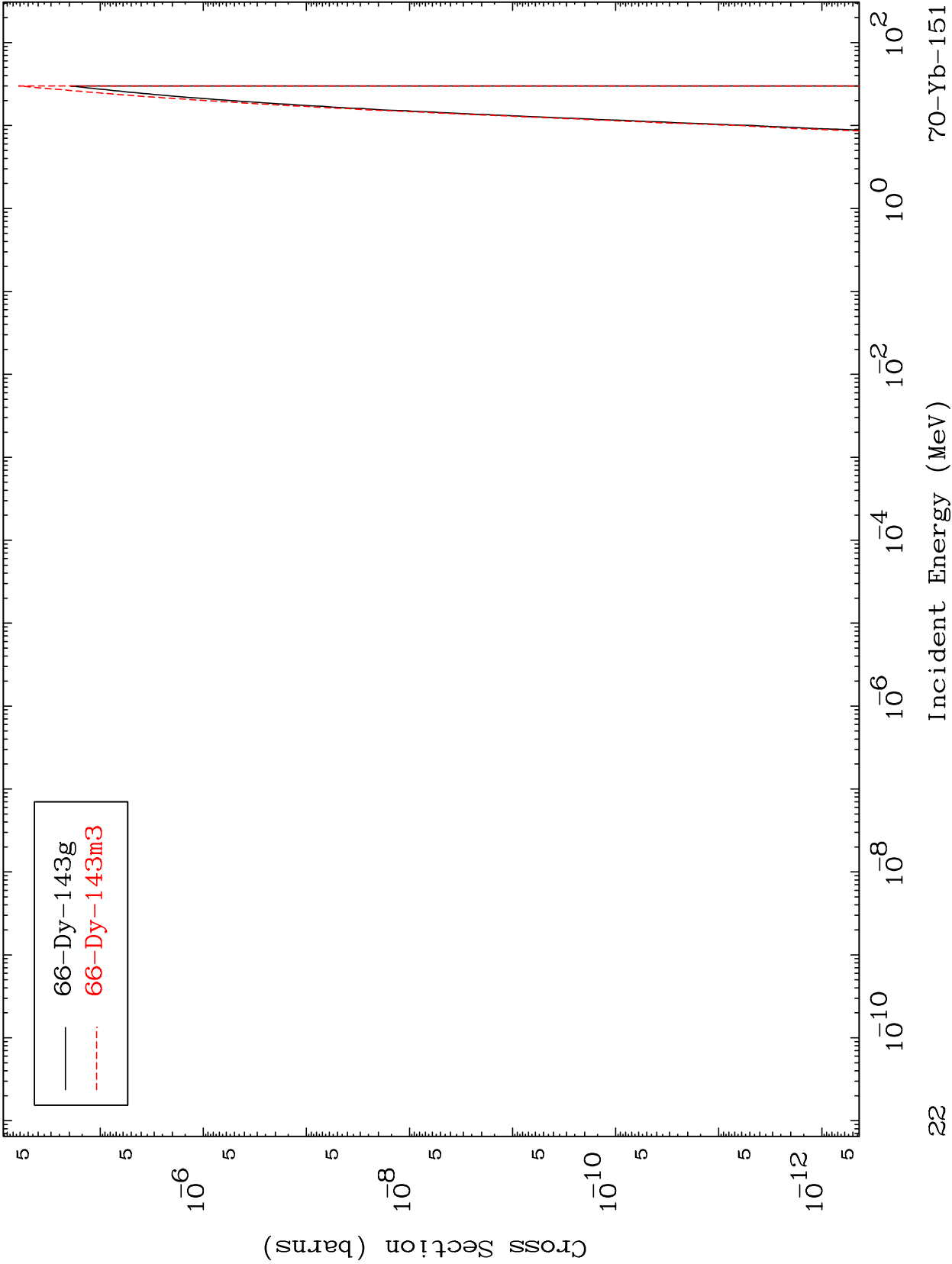
70-Yb-151

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(n,n') 2α

70-Yb-151

Radionuclide Production Cross Section

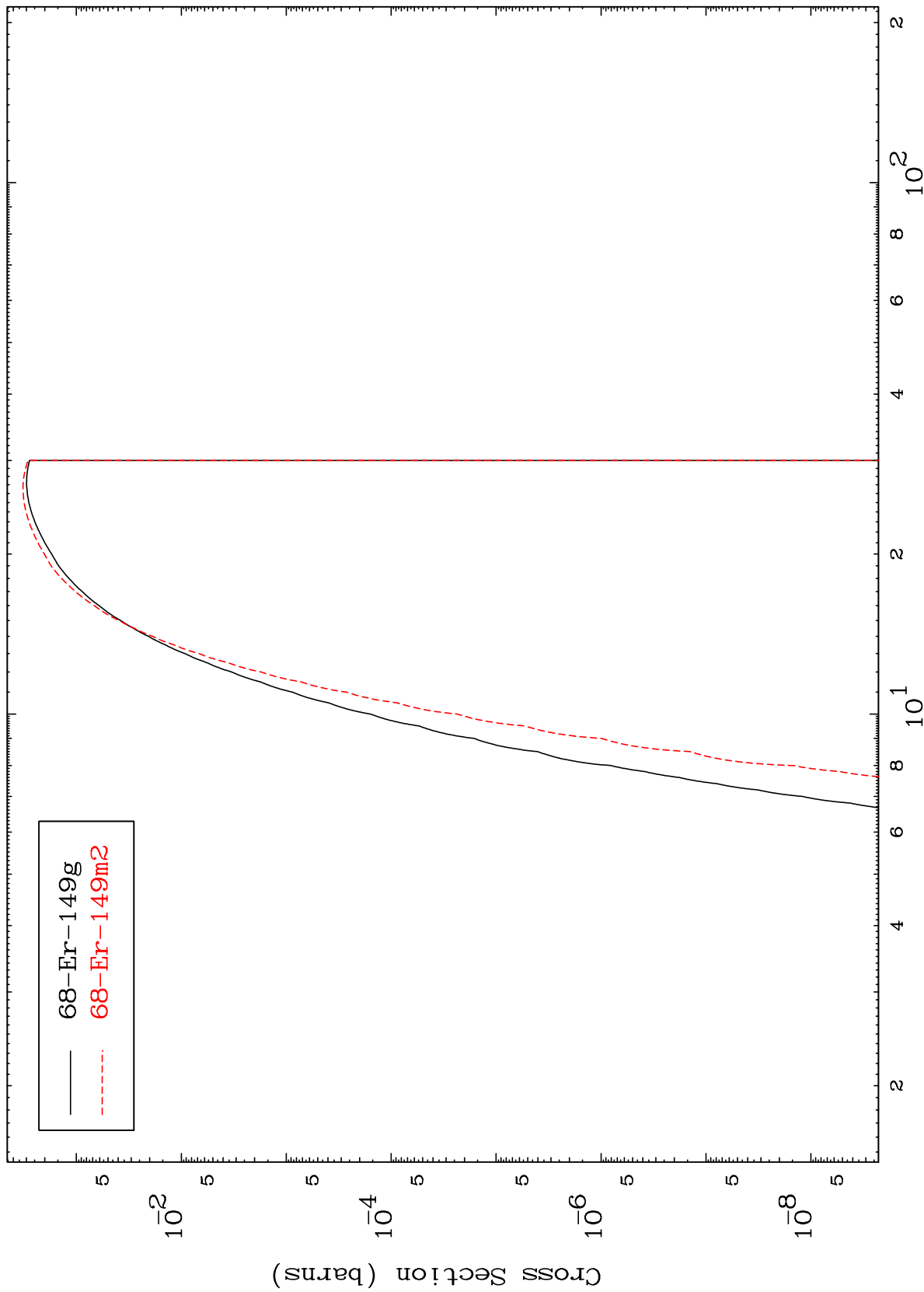


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(n,2n) p

70-Yb-151

Radionuclide Production Cross Section

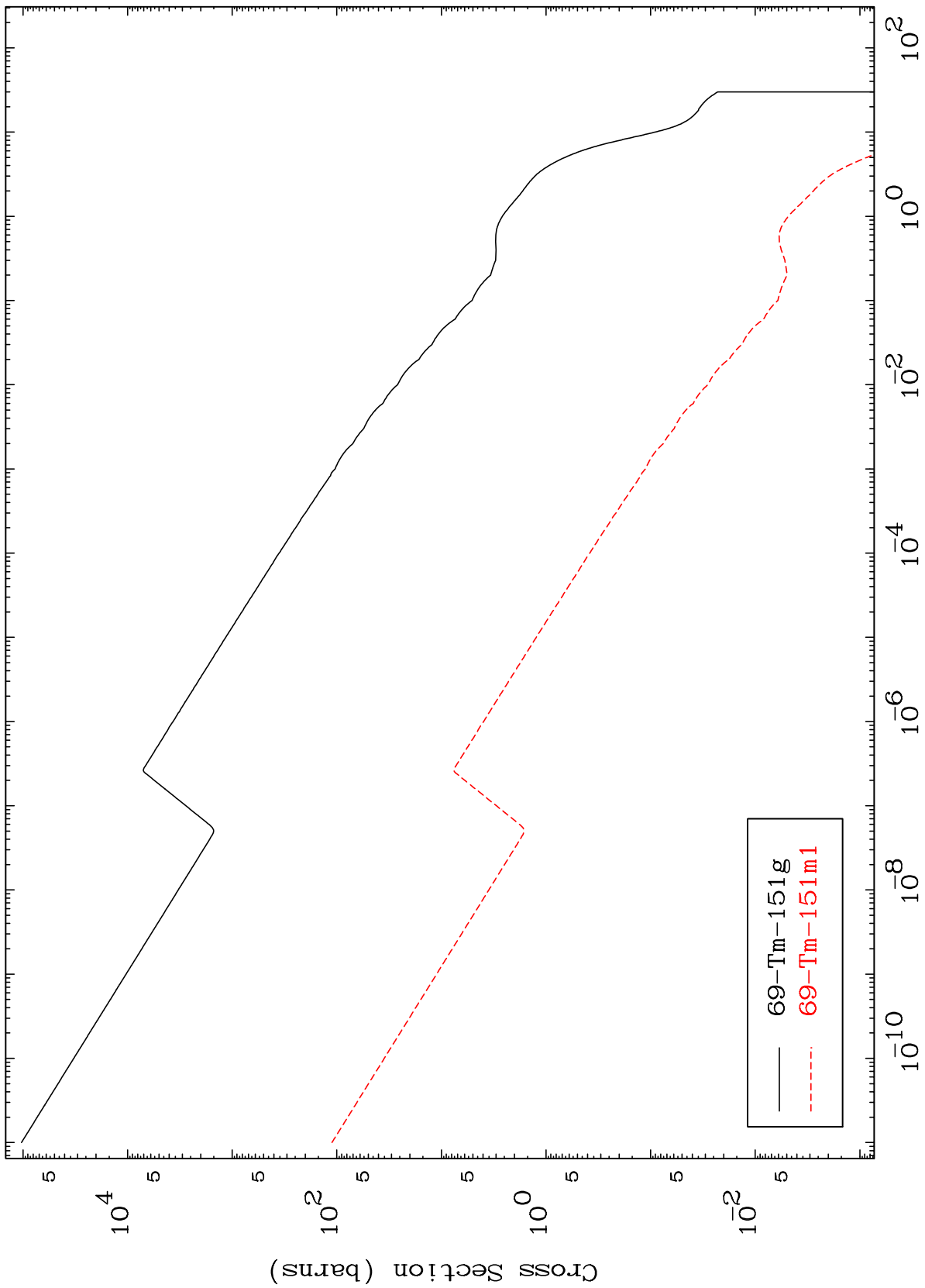


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70-Yb-151

Radionuclide Production Cross Section

(n,p)



24

70-Yb-151

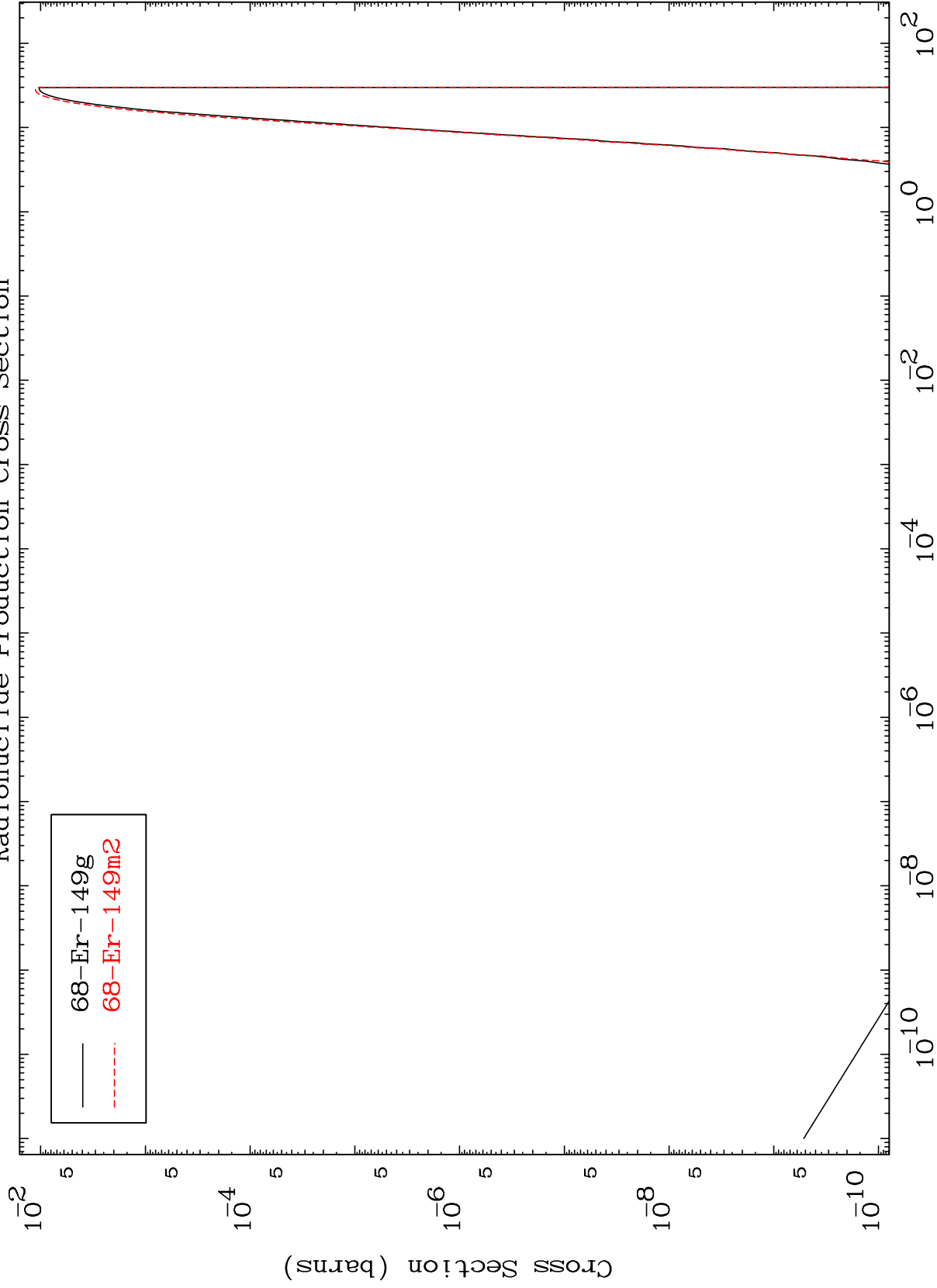
Incident Energy (MeV)

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(n,He-3)

70-Yb-151

Radionuclide Production Cross Section



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

25

Incident Energy (MeV)

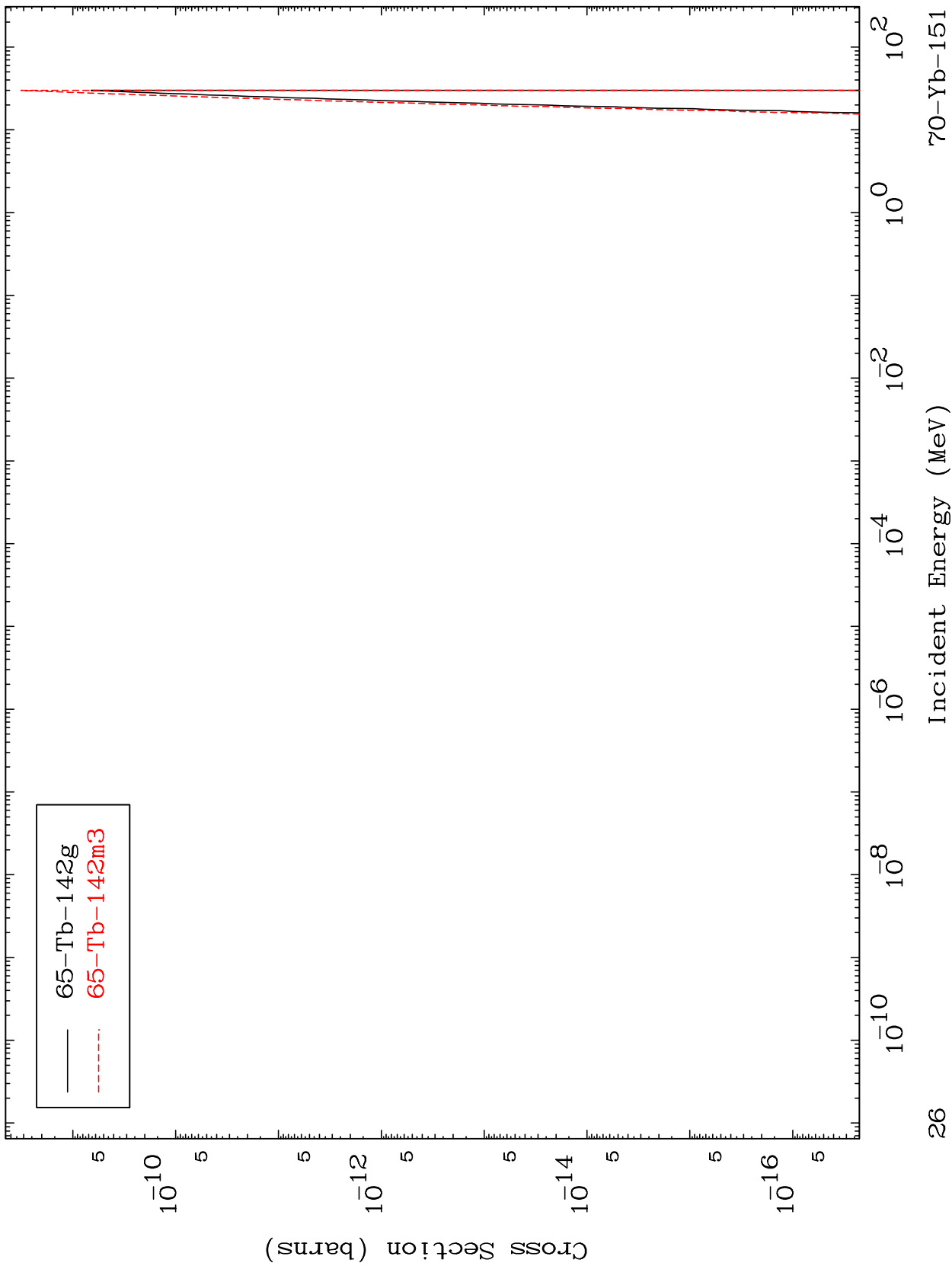
70-Yb-151

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(n,d) 2 α

70-Yb-151

Radionuclide Production Cross Section

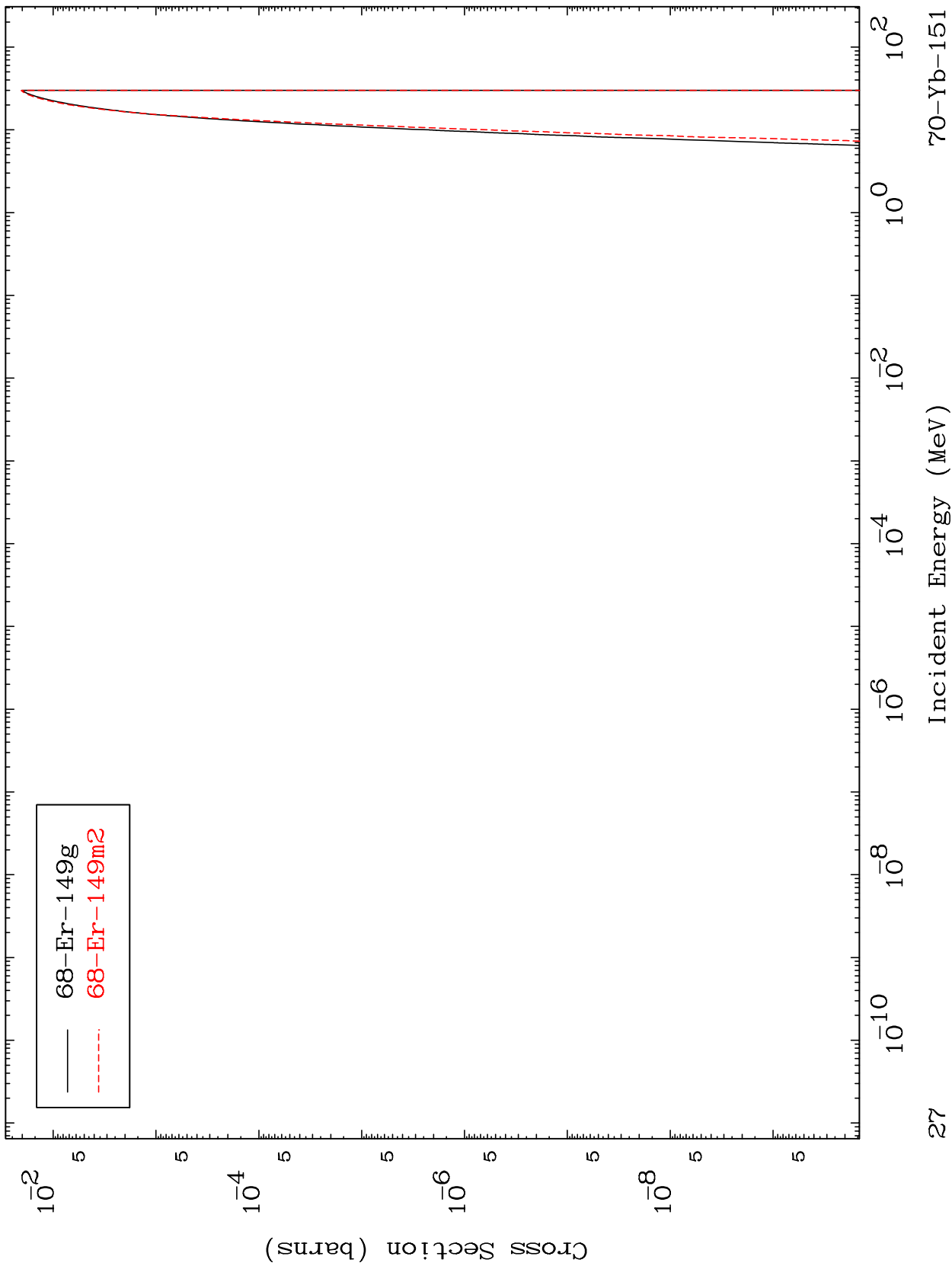


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(n,p) d

70-Yb-151

Radionuclide Production Cross Section



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