

Program EVALPLOT
(Version 2018-1)

by

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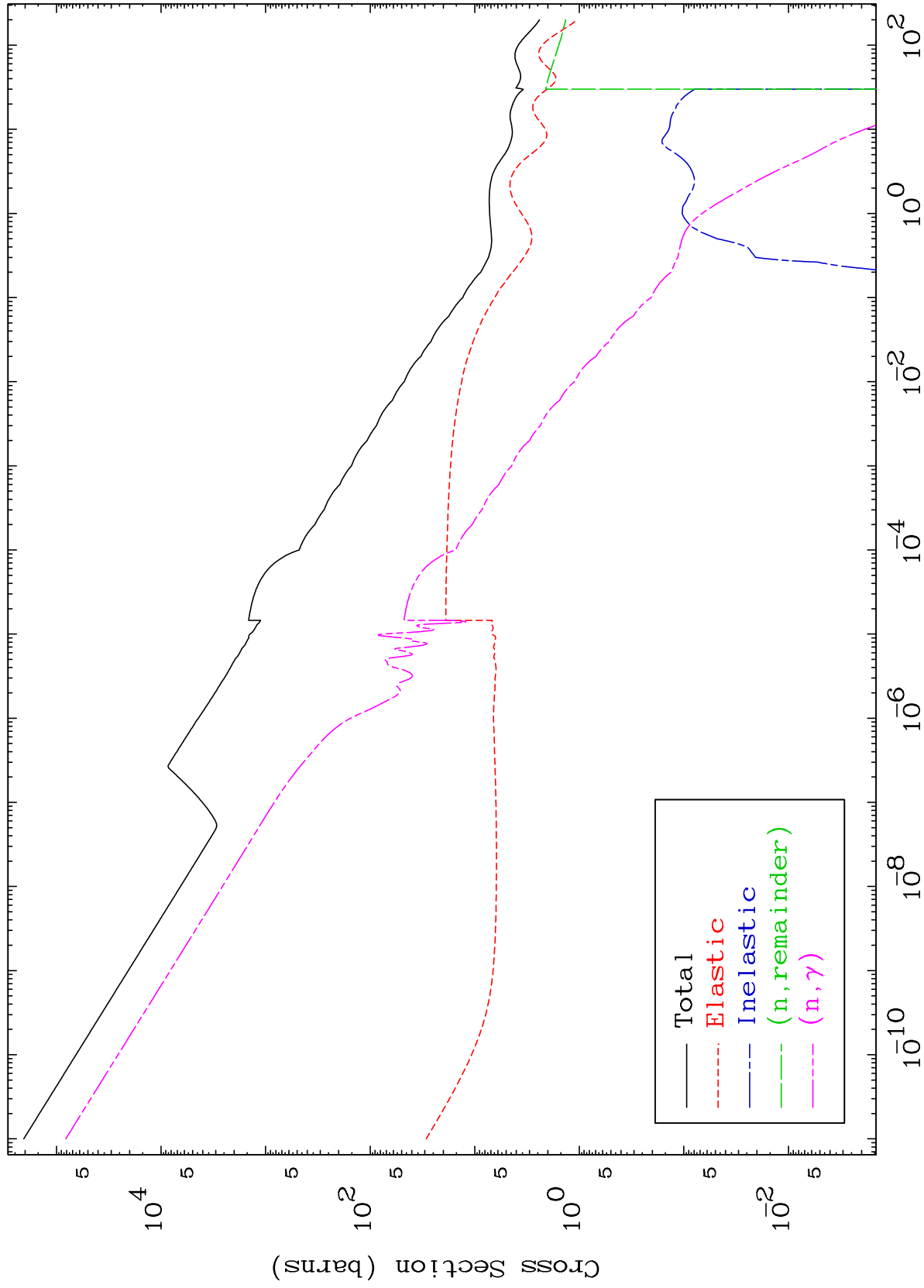
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6975

Major
293 Kelvin Cross Sections

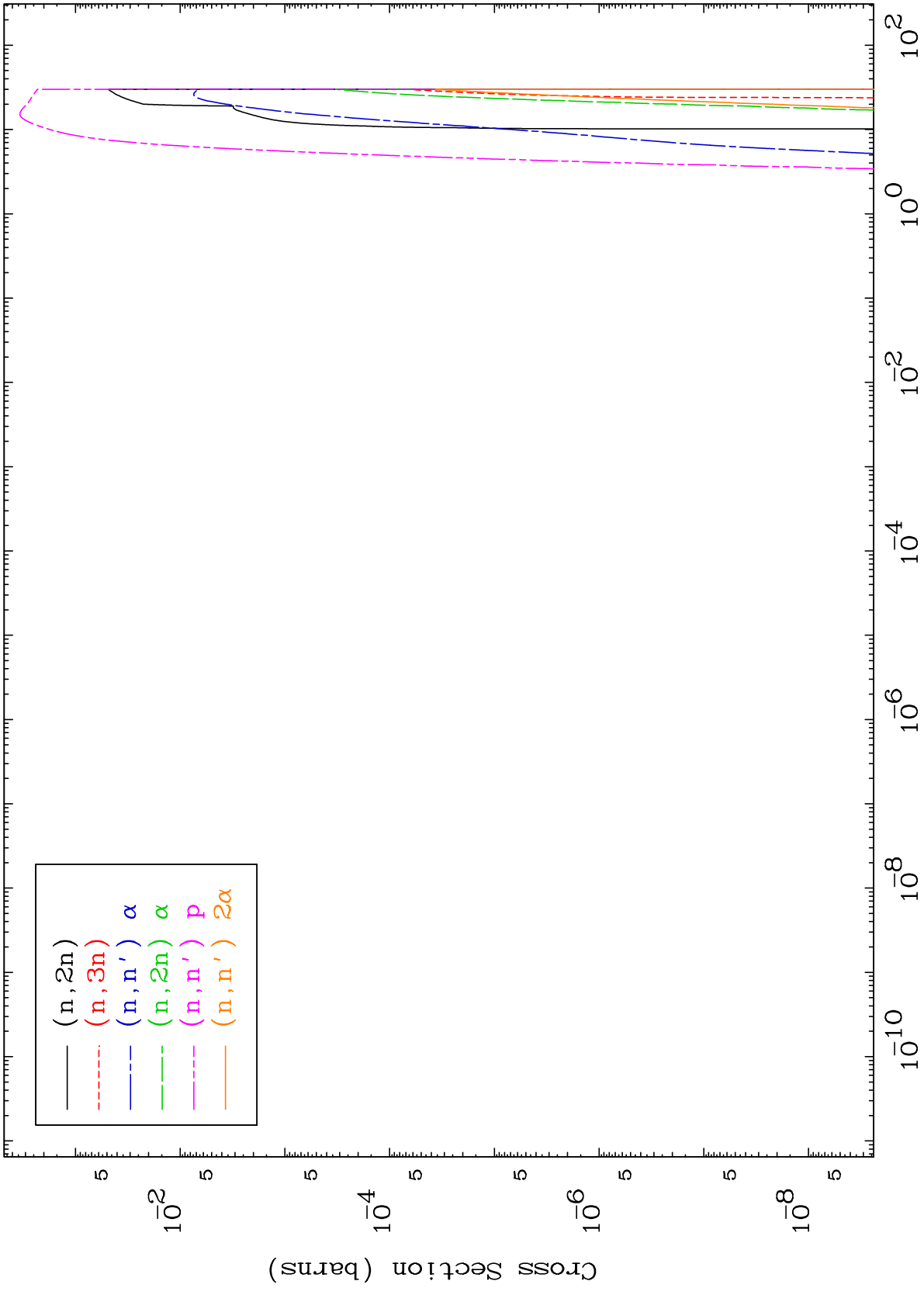
70-Yb-151



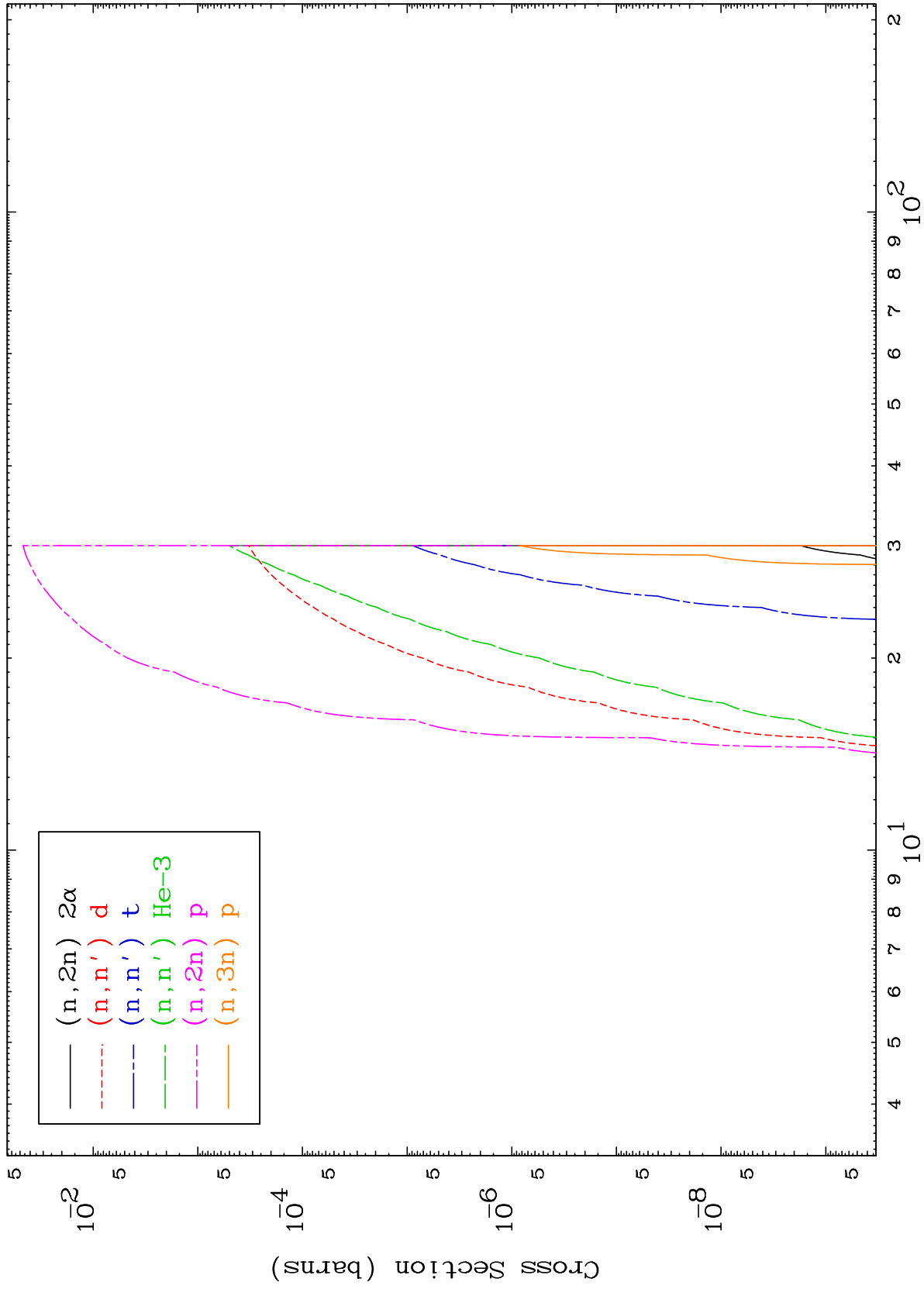
MAT 6975

Neutron Production
293 Kelvin Cross Sections

70-Yb-151



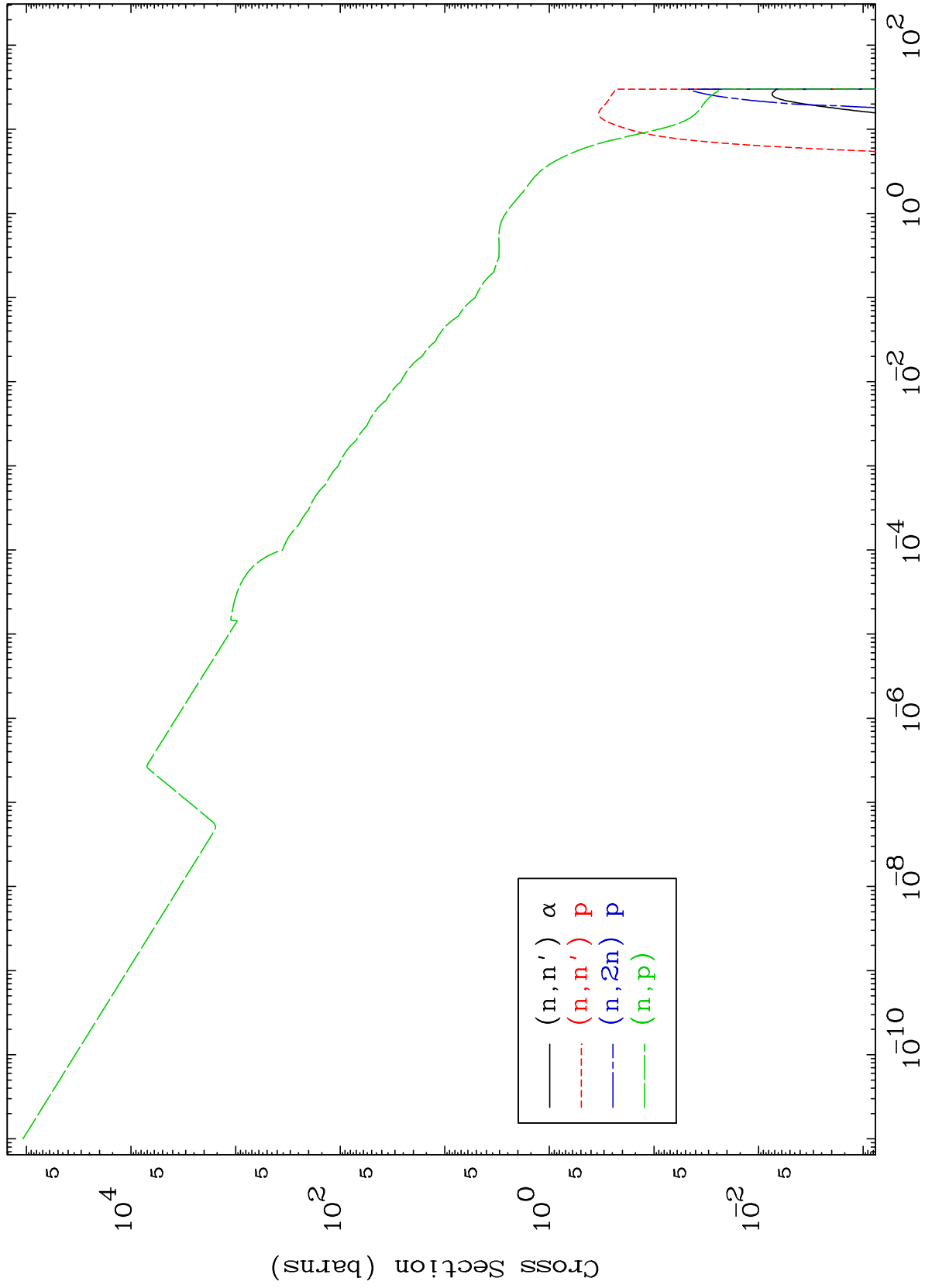
70-Yb-151



MAT 6975

293 Kelvin Cross Sections

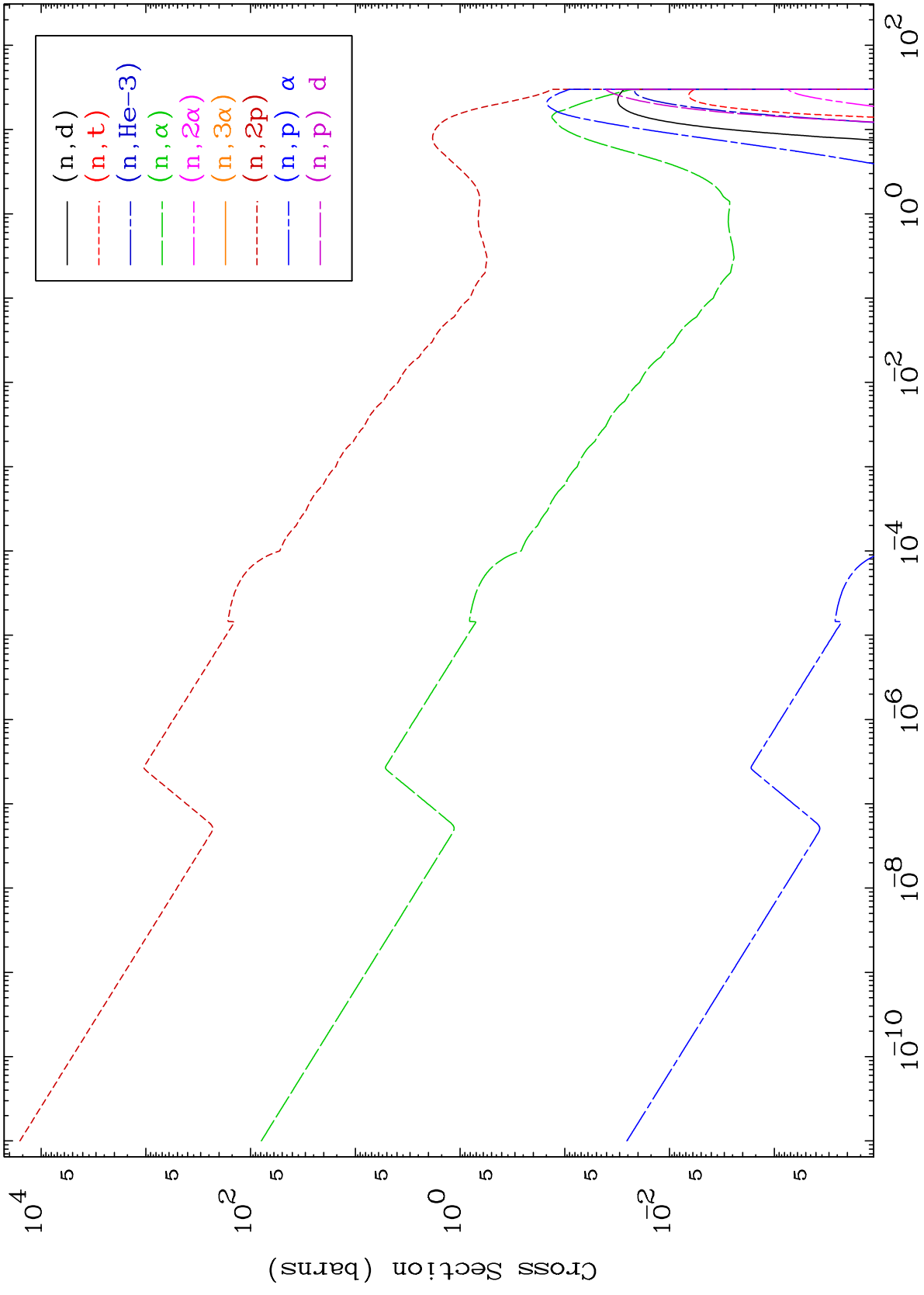
70-Yb-151



MAT 6975

Charged Particle
293 Kelvin Cross Sections

70-Yb-151



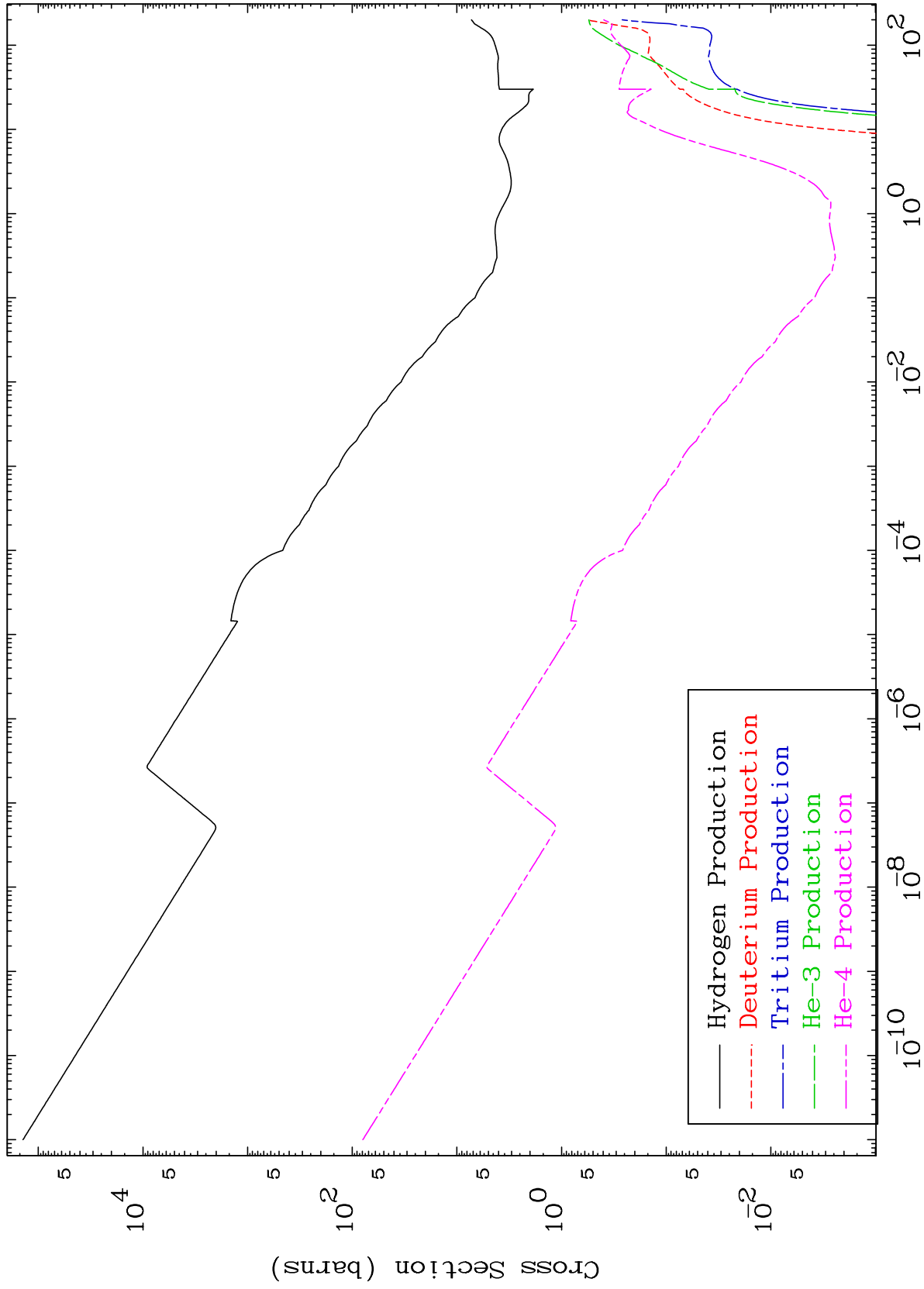
5

70-Yb-151

MAT 6975

Particle Production
293 Kelvin Cross Sections

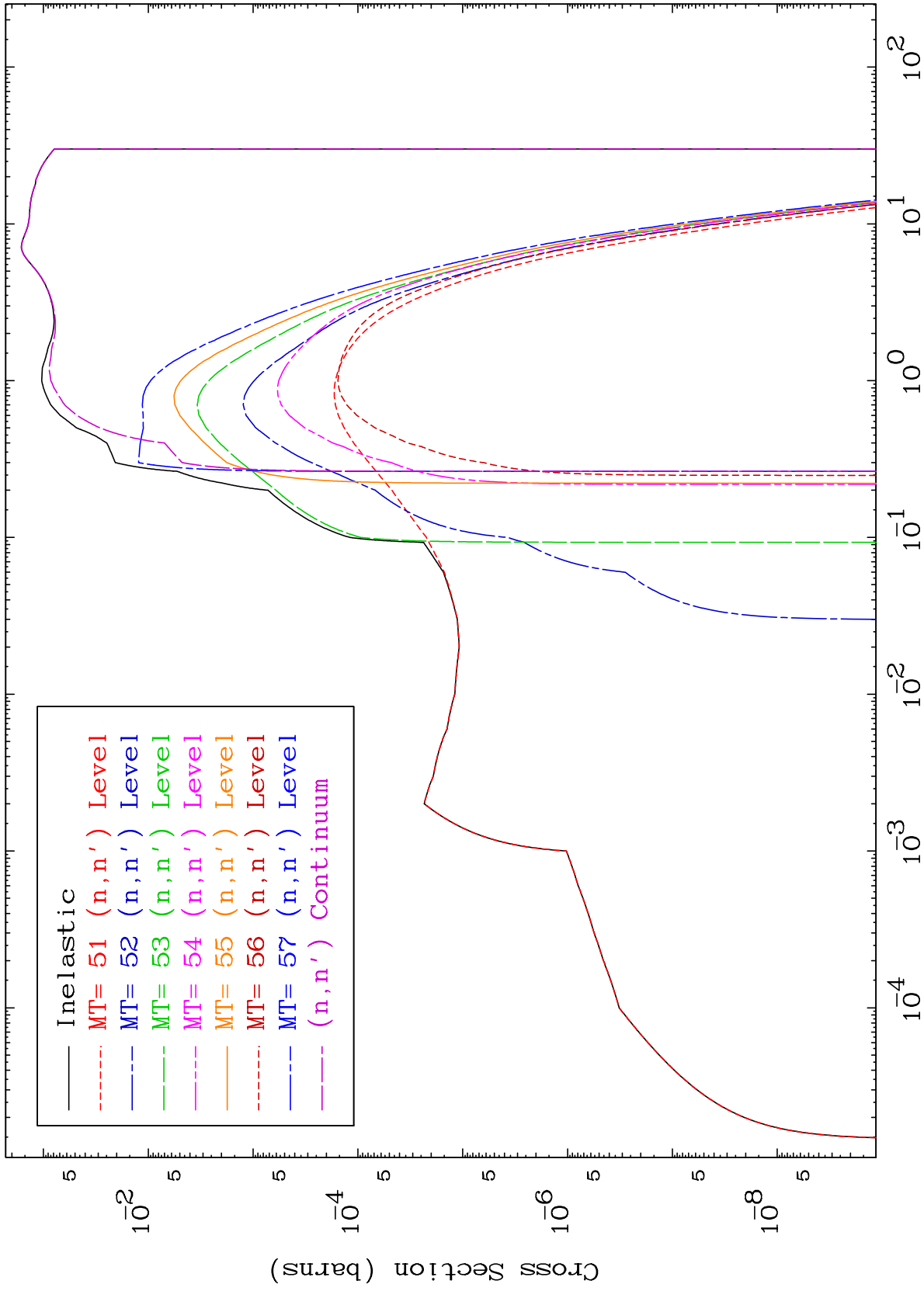
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MAT 6975

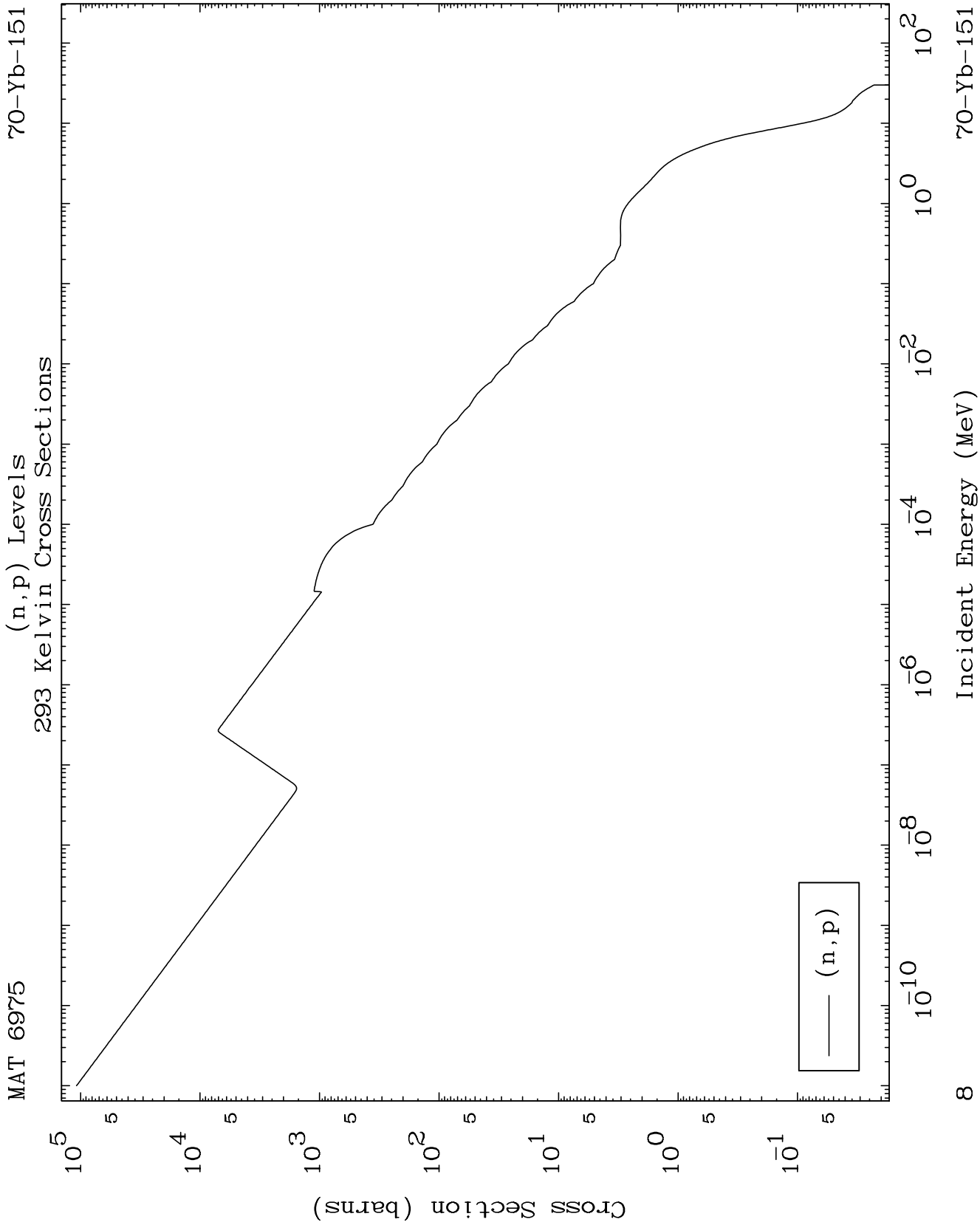
293 Kelvin Cross Sections

70-Yb-151



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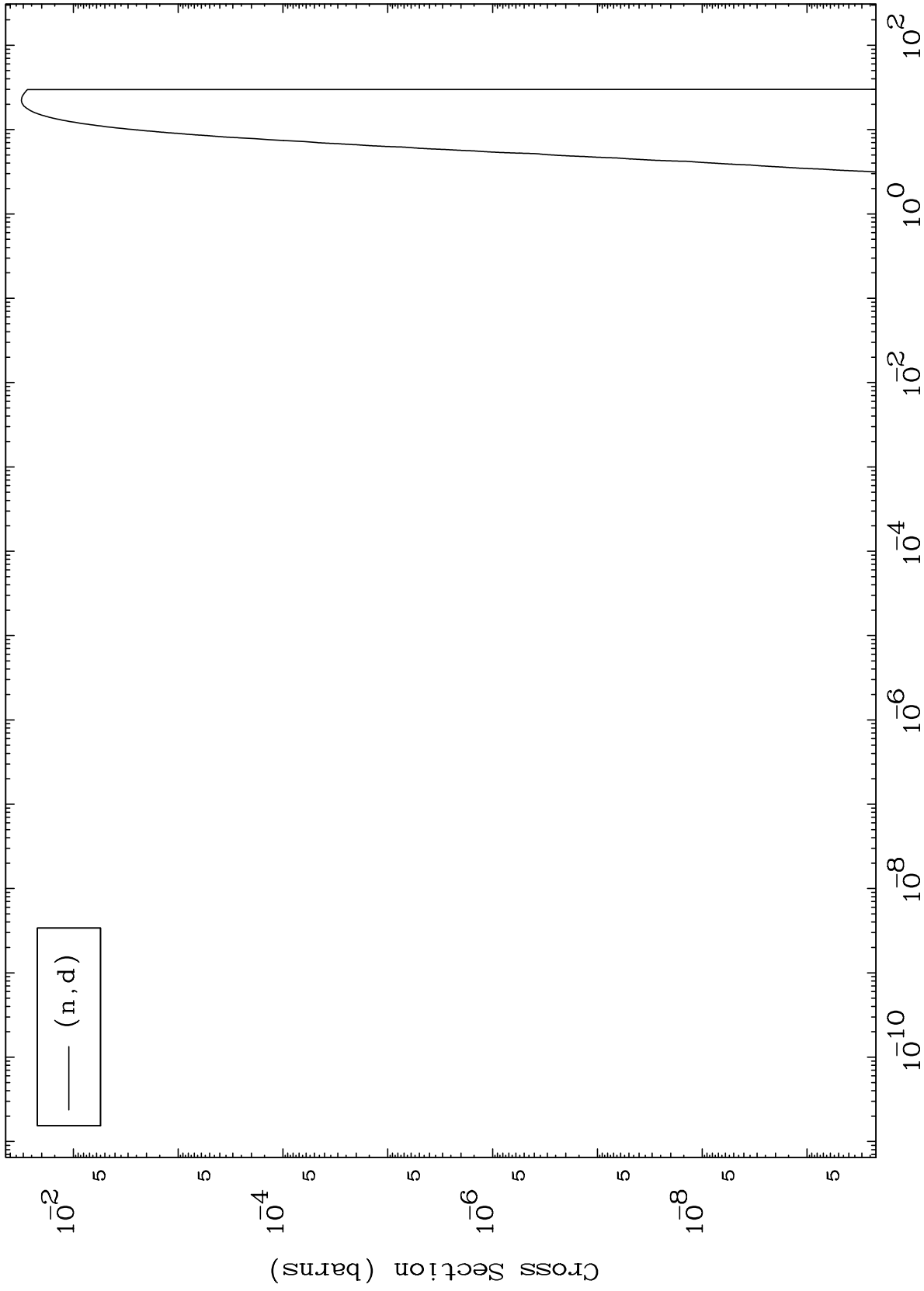
70-Yb-151



MAT 6975

(n,d) Levels
293 Kelvin Cross Sections

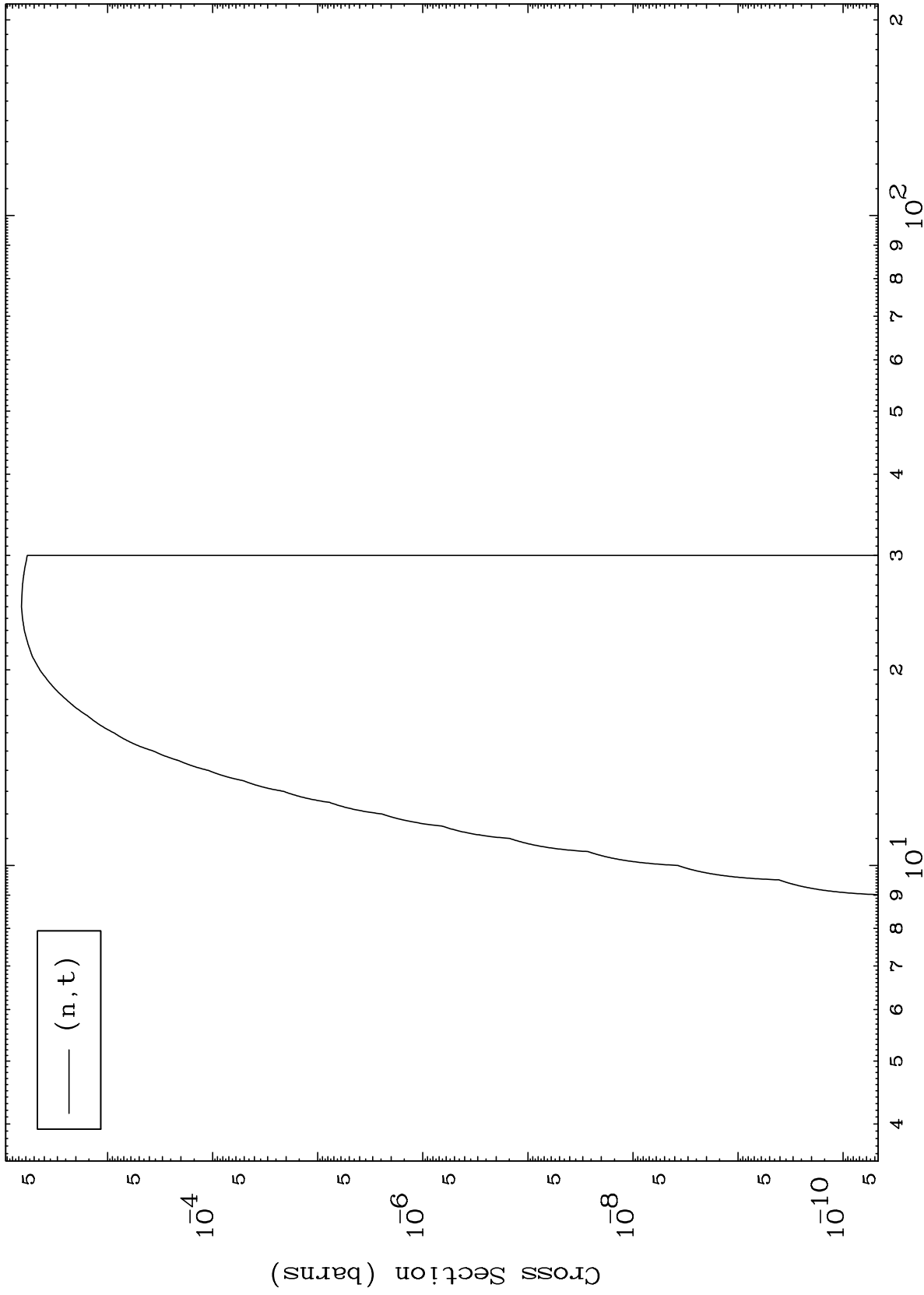
70-Yb-151



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(n,t) Levels
293 Kelvin Cross Sections

70-Yb-151



10

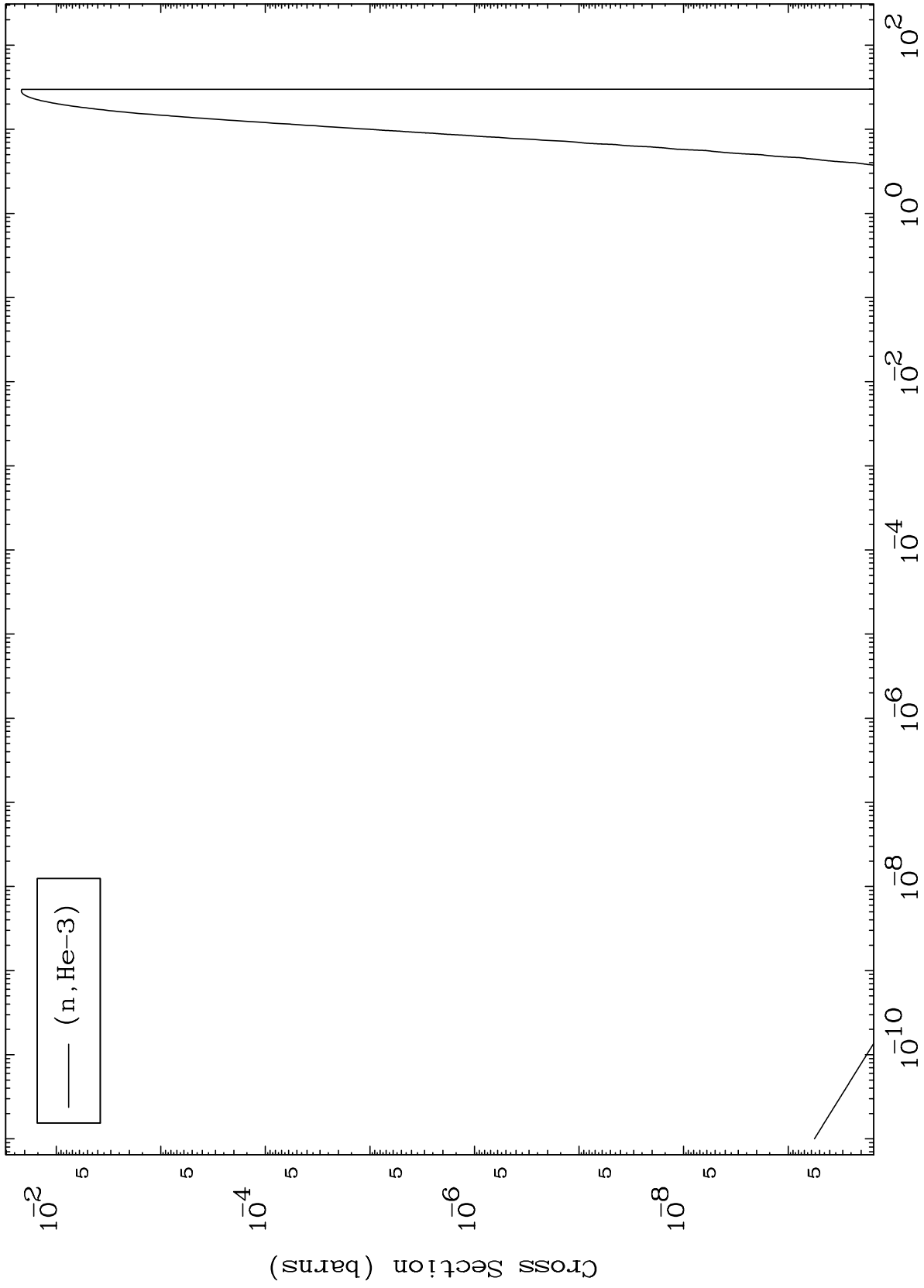
Incident Energy (MeV)

70-Yb-151

MAT 6975

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-151



11

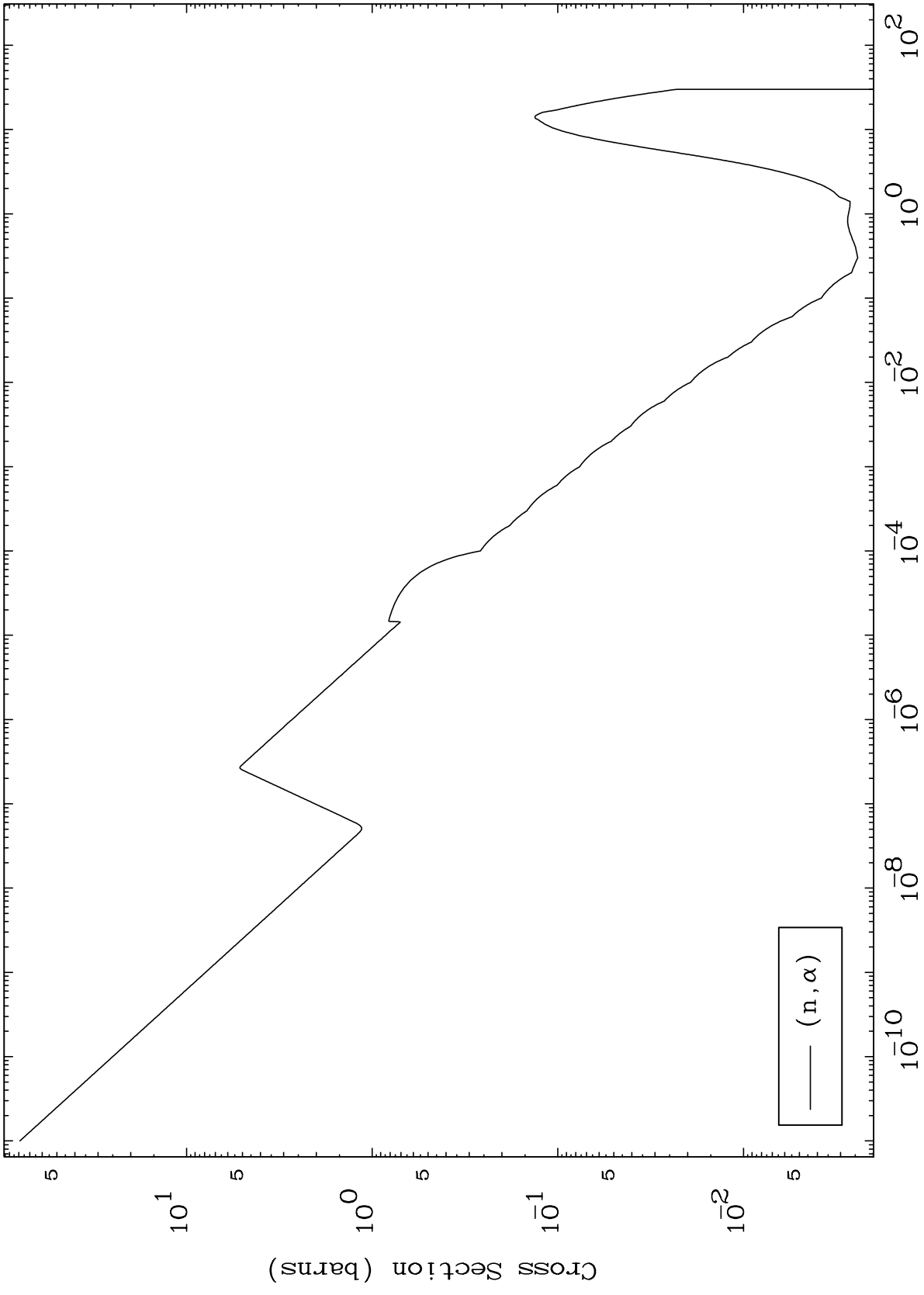
Incident Energy (MeV)

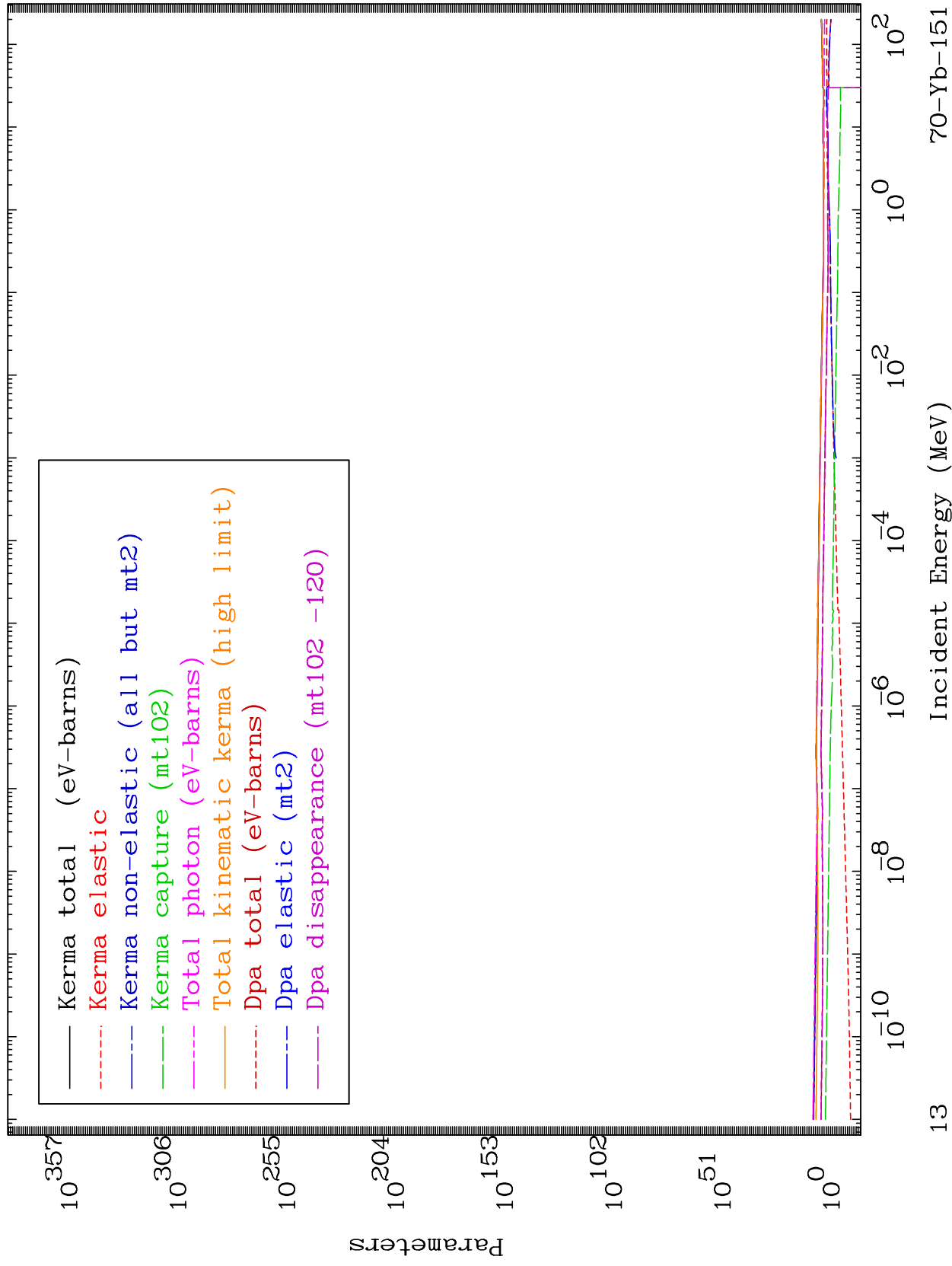
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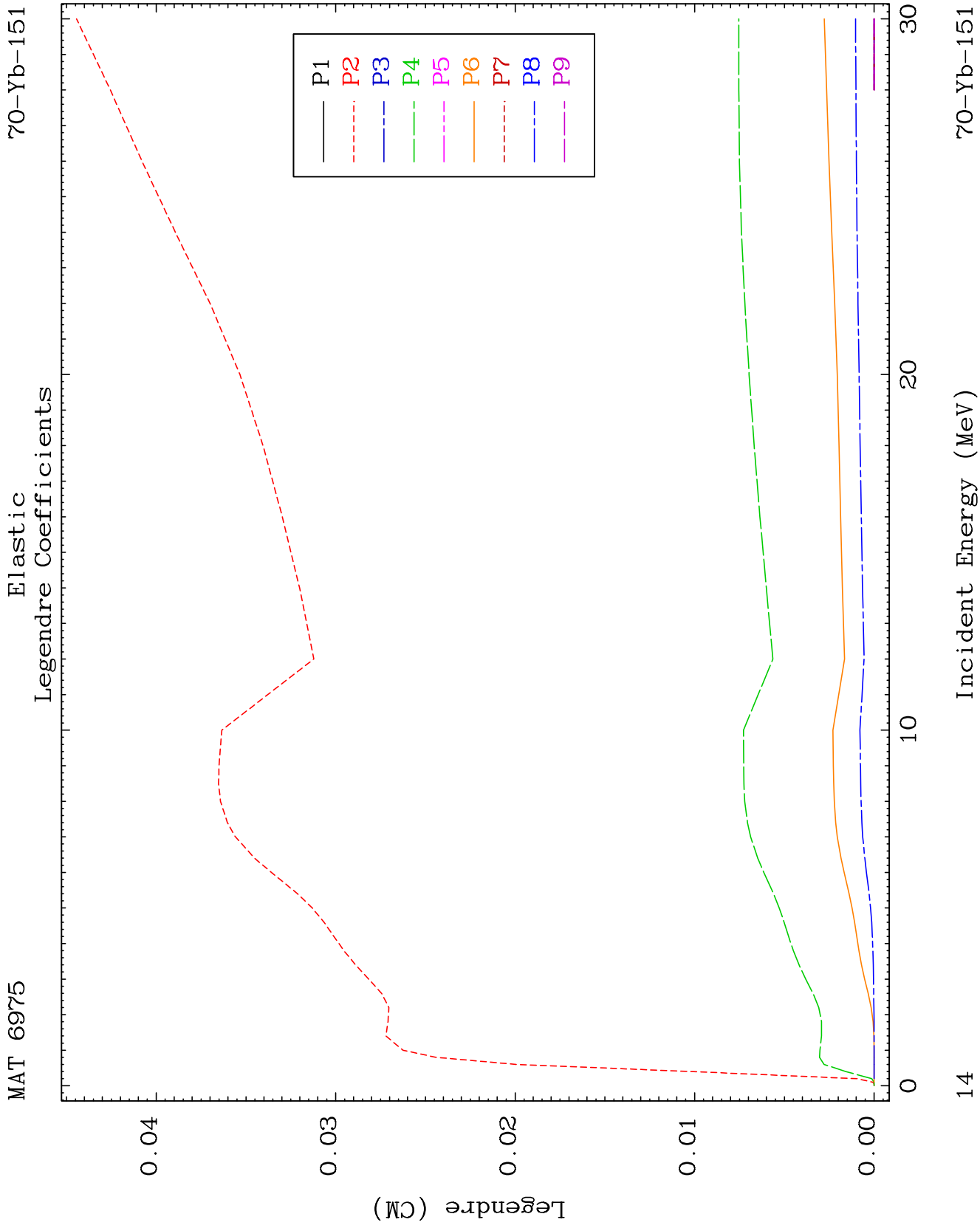
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(n,α) Levels
293 Kelvin Cross Sections

70-Yb-151



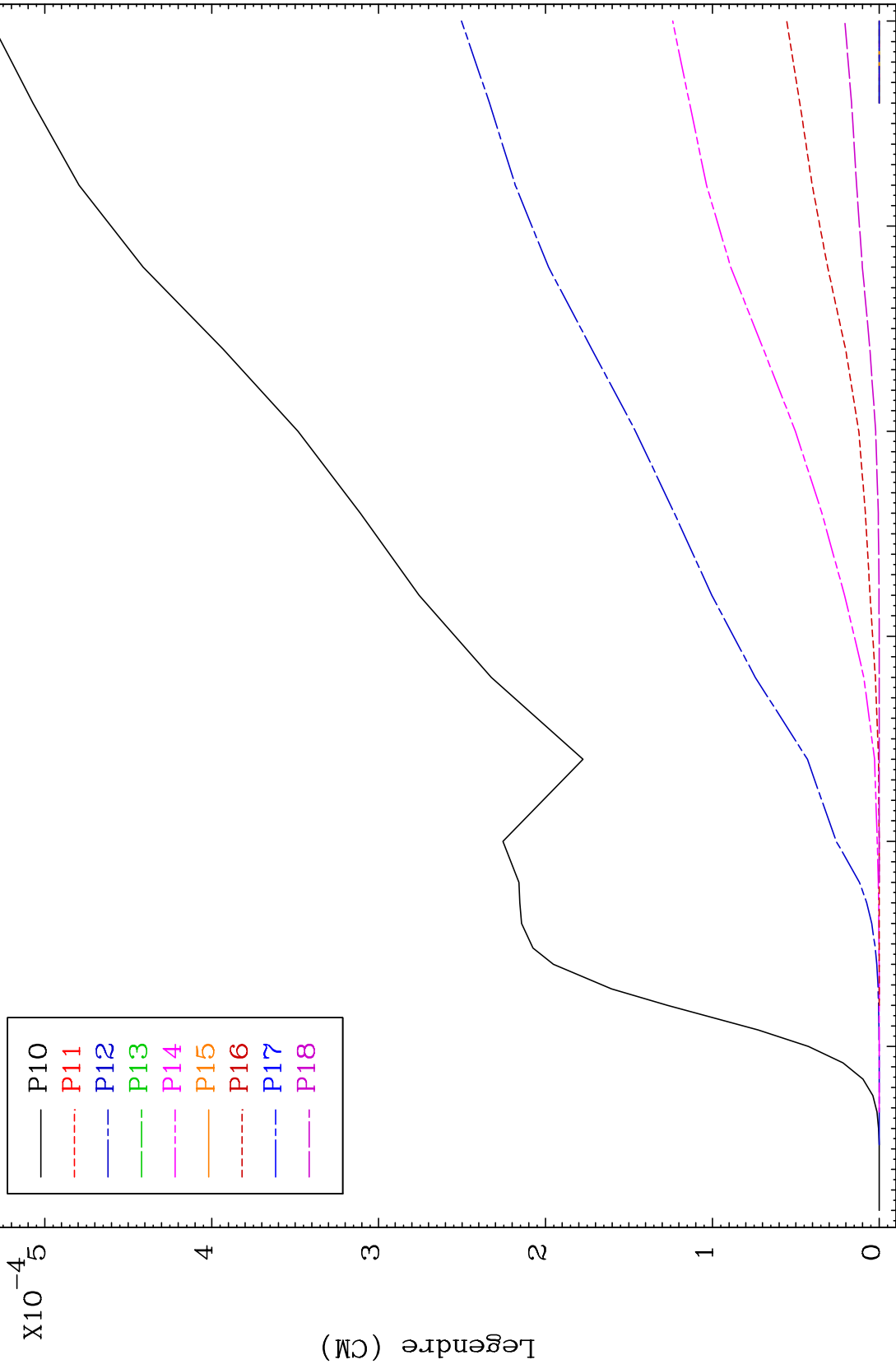




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Elastic Legendre Coefficients

70-Yb-151



15

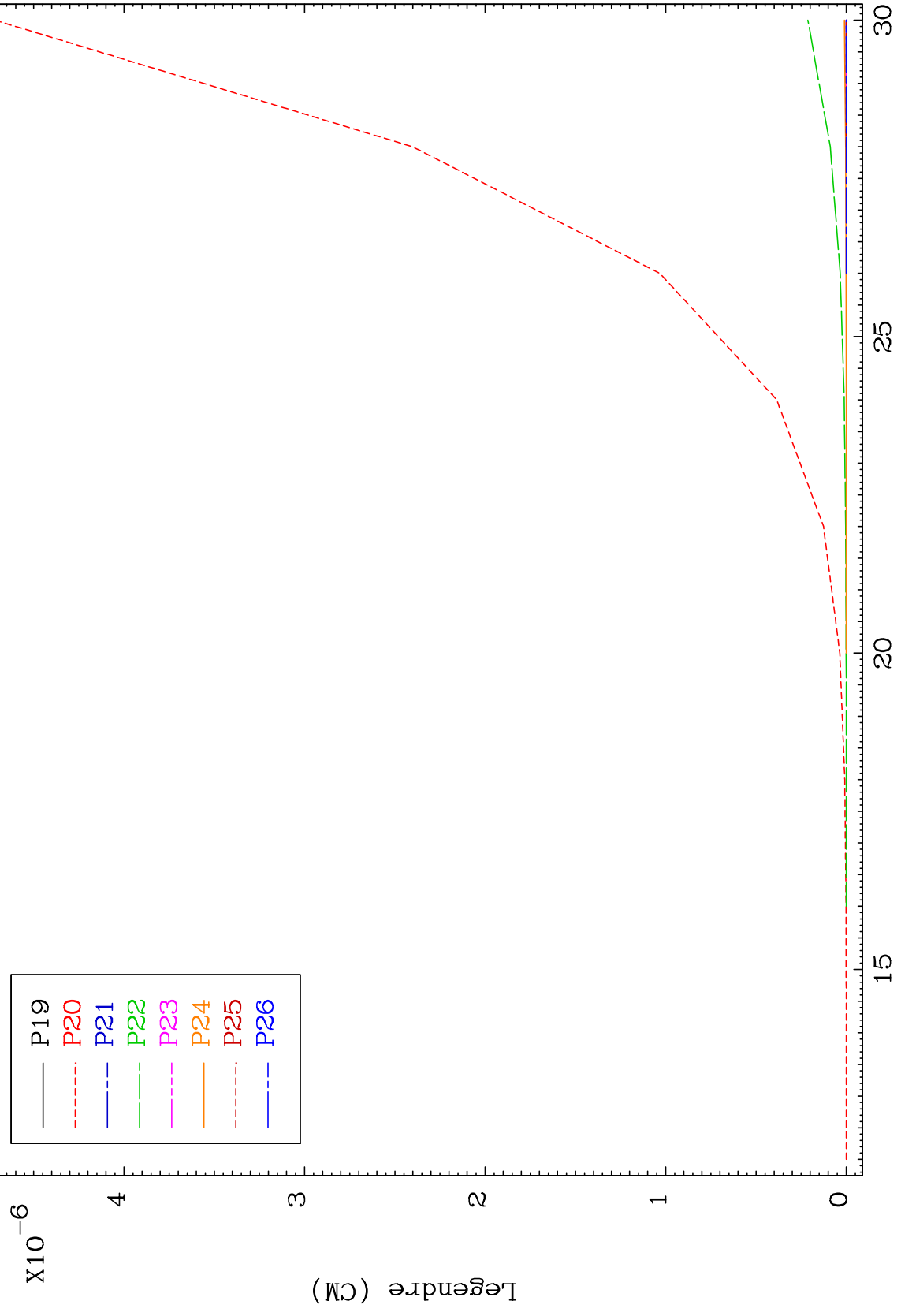
Incident Energy (MeV)

70-Yb-151

MAT 6975

Elastic Legendre Coefficients

70-Yb-151



16

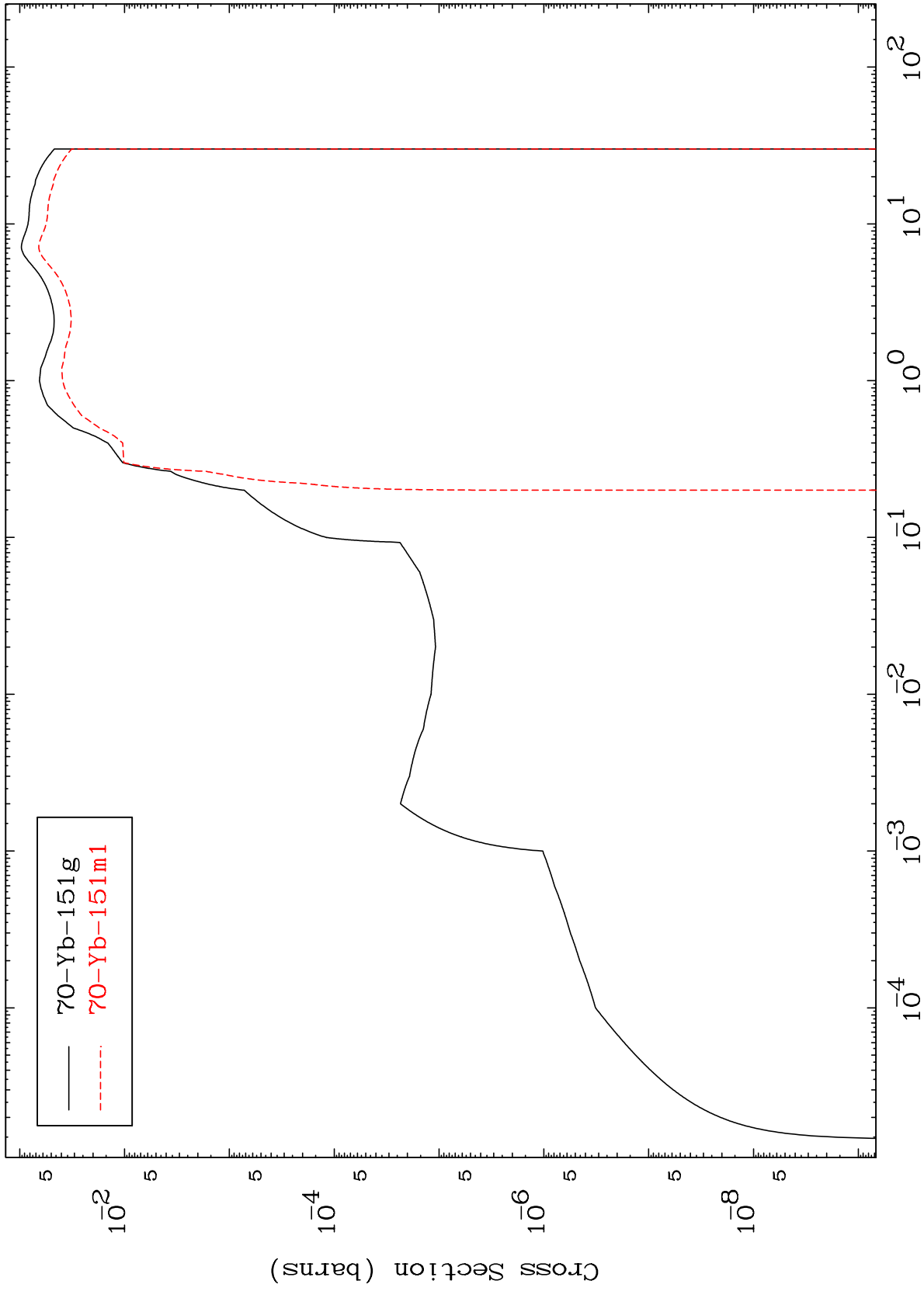
Incident Energy (MeV)

70-Yb-151

MAT 6975

Inelastic
Radionuclide Production Cross Section

70-Yb-151



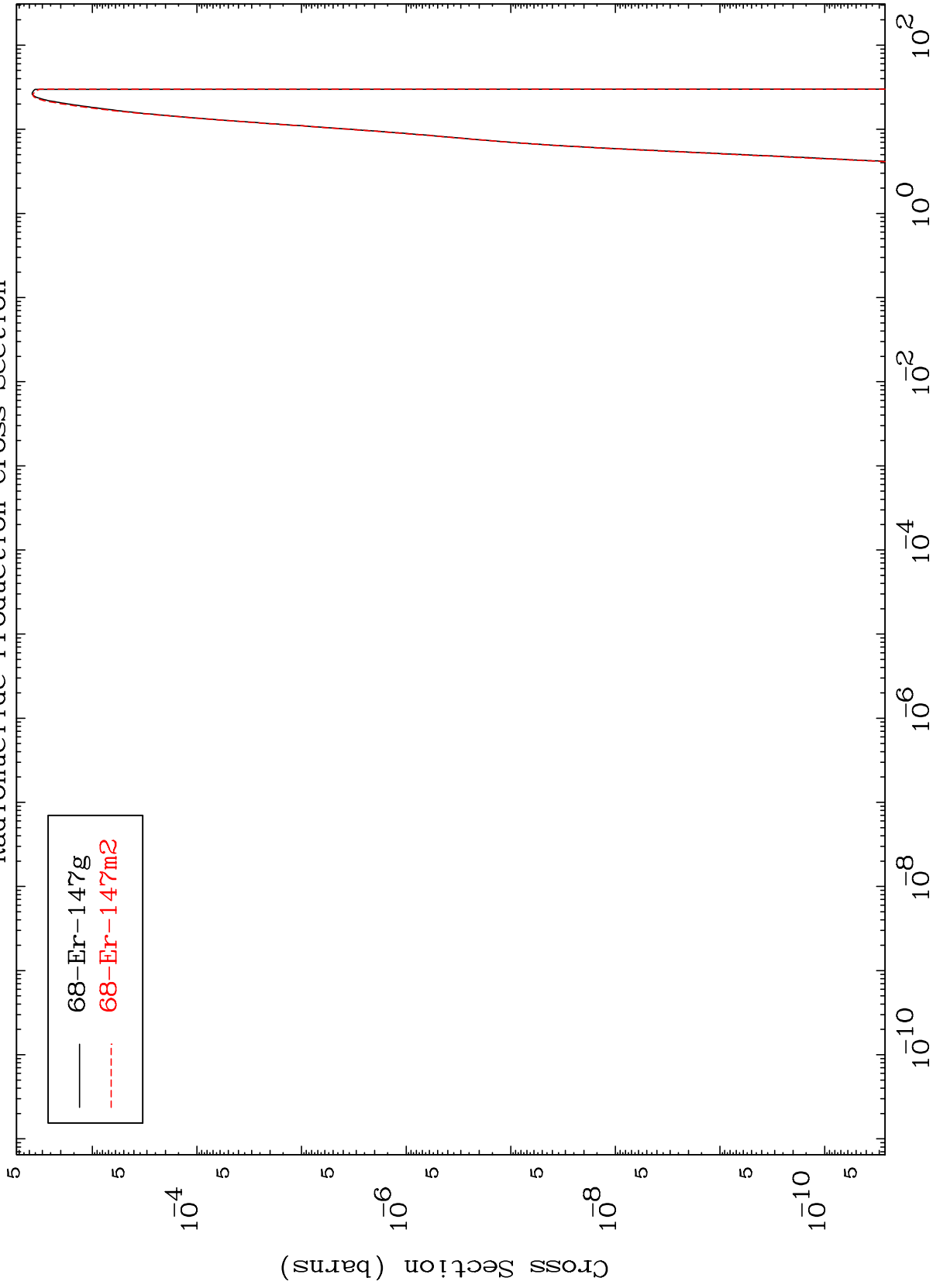
70-Yb-151 g
70-Yb-151 m1

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(n,n') α

70-Yb-151

Radionuclide Production Cross Section



18

Incident Energy (MeV)

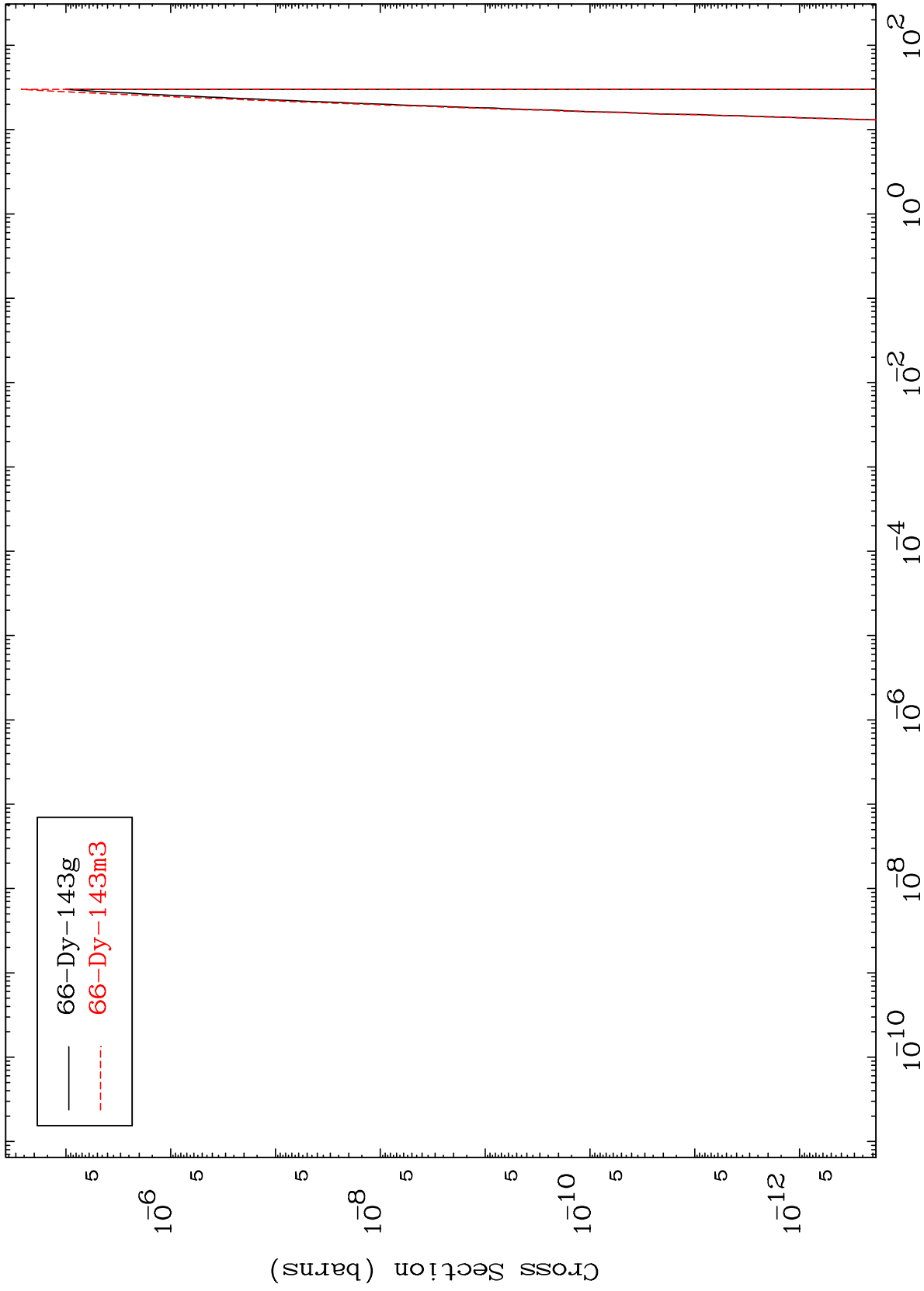
70-Yb-151

MAT 6975

(n,n') 2 α

70-Yb-151

Radionuclide Production Cross Section



19

Incident Energy (MeV)

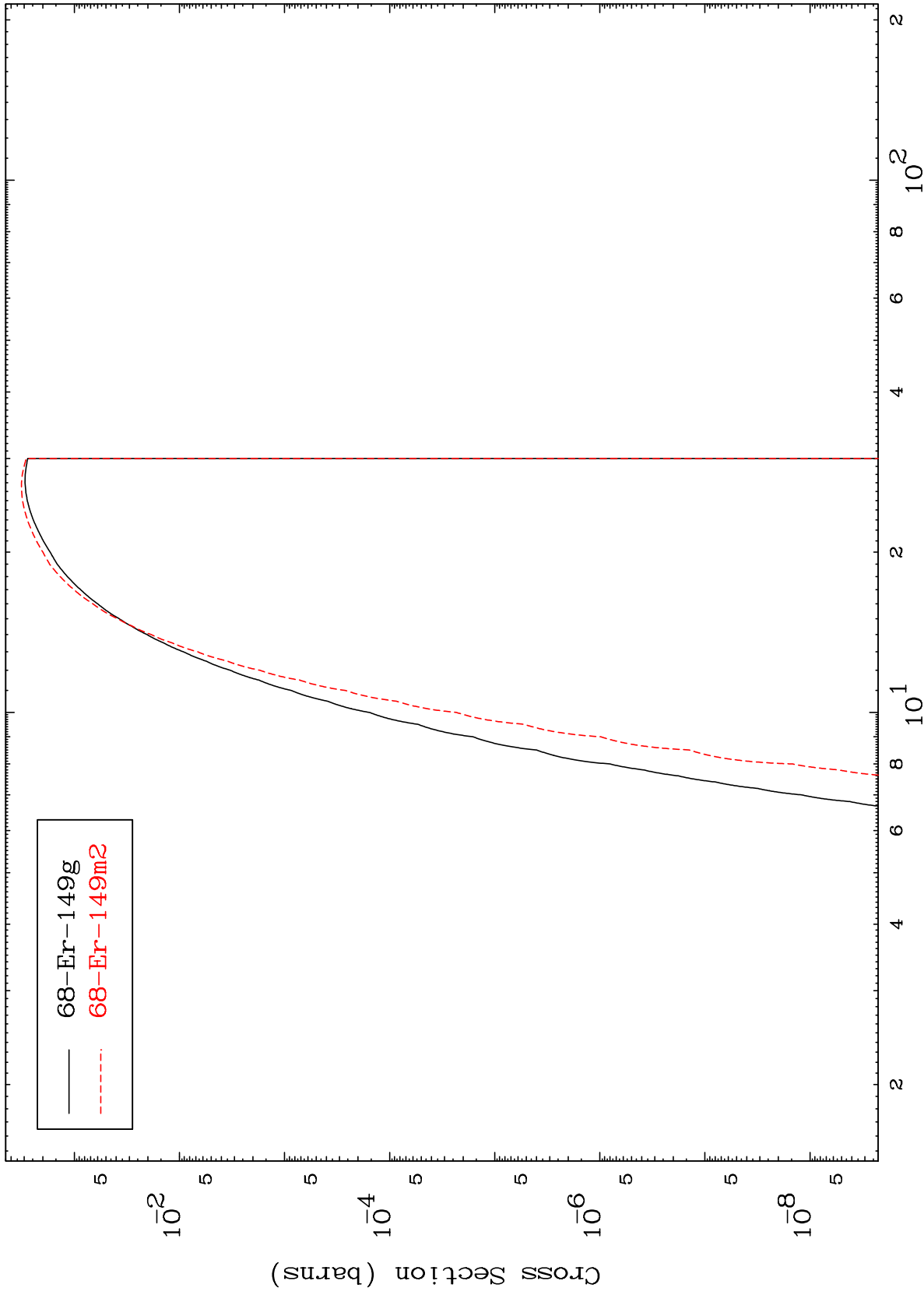
70-Yb-151

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(n,2n) p

70-Yb-151

Radionuclide Production Cross Section



20

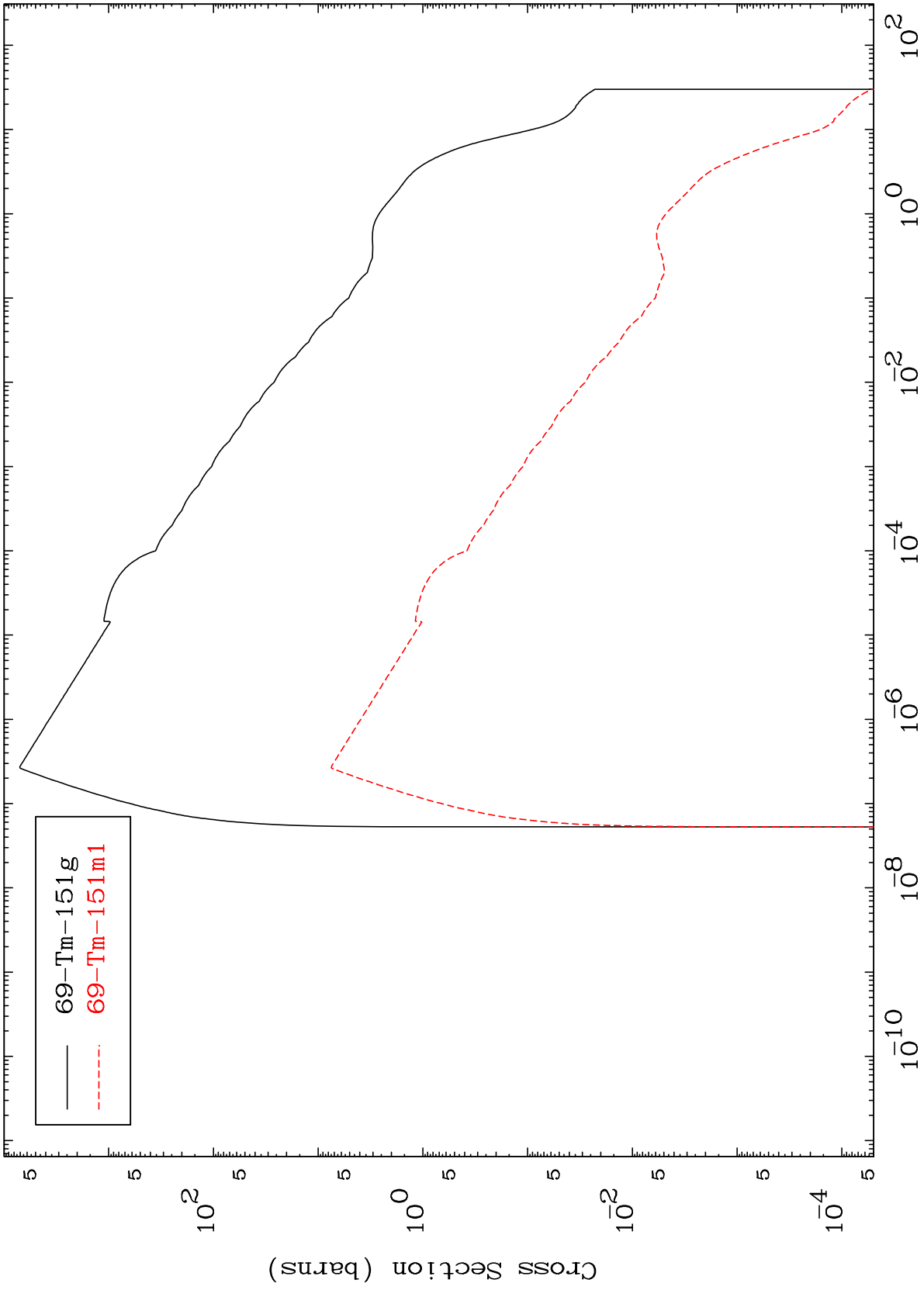
Incident Energy (MeV)

70-Yb-151

MAT 6975

Radionuclide Production Cross Section
(n,p)

70-Yb-151



21

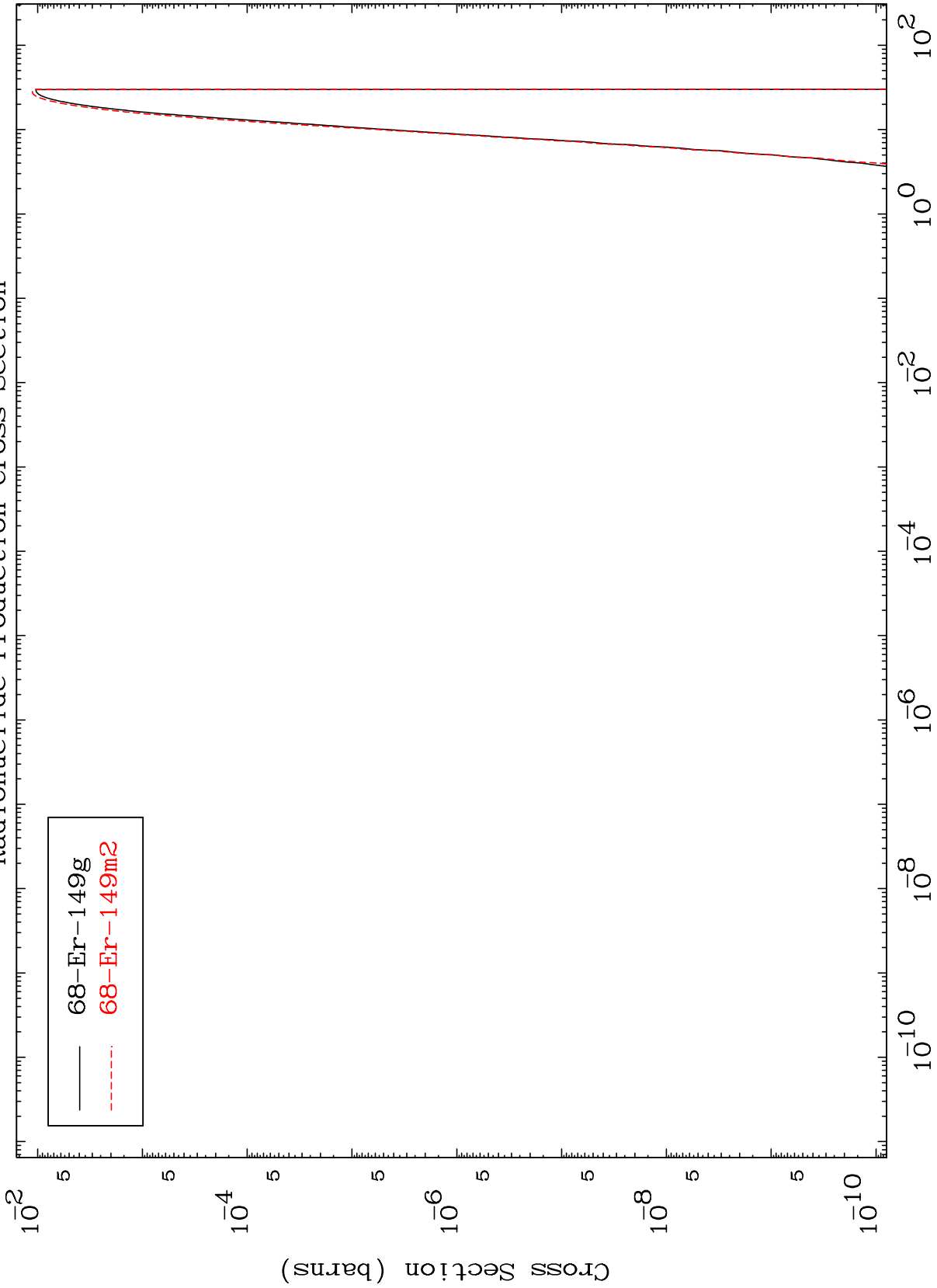
70-Yb-151

MAT 6975

(n, He-3)

70-Yb-151

Radionuclide Production Cross Section



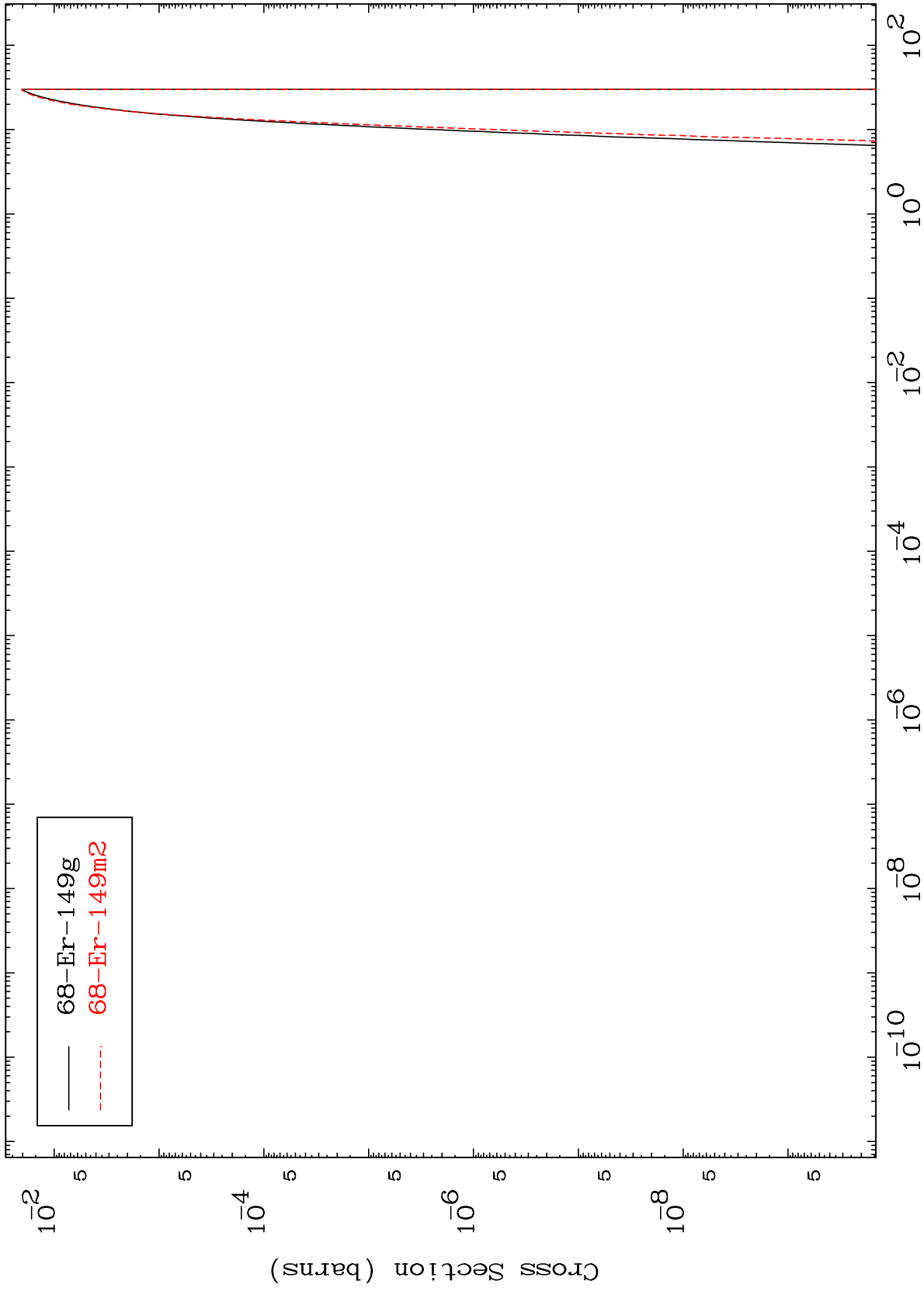
70-Yb-151

MAT 6975

(n,p) d

70-Yb-151

Radionuclide Production Cross Section



23

Incident Energy (MeV)

70-Yb-151