

Program EVALPLOT
(Version 2021-1)

by

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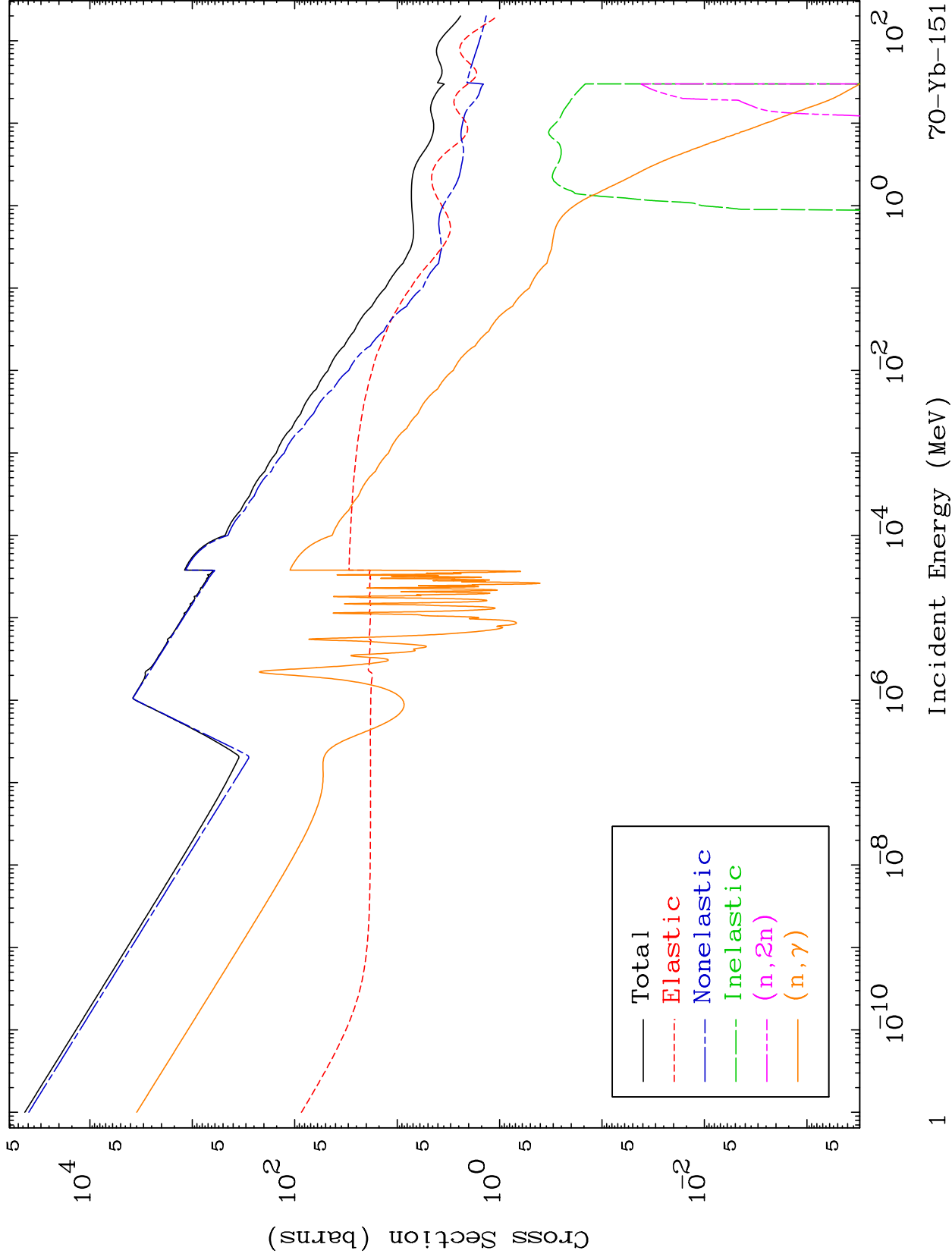
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6974

Neutron Major
293 Kelvin Cross Sections

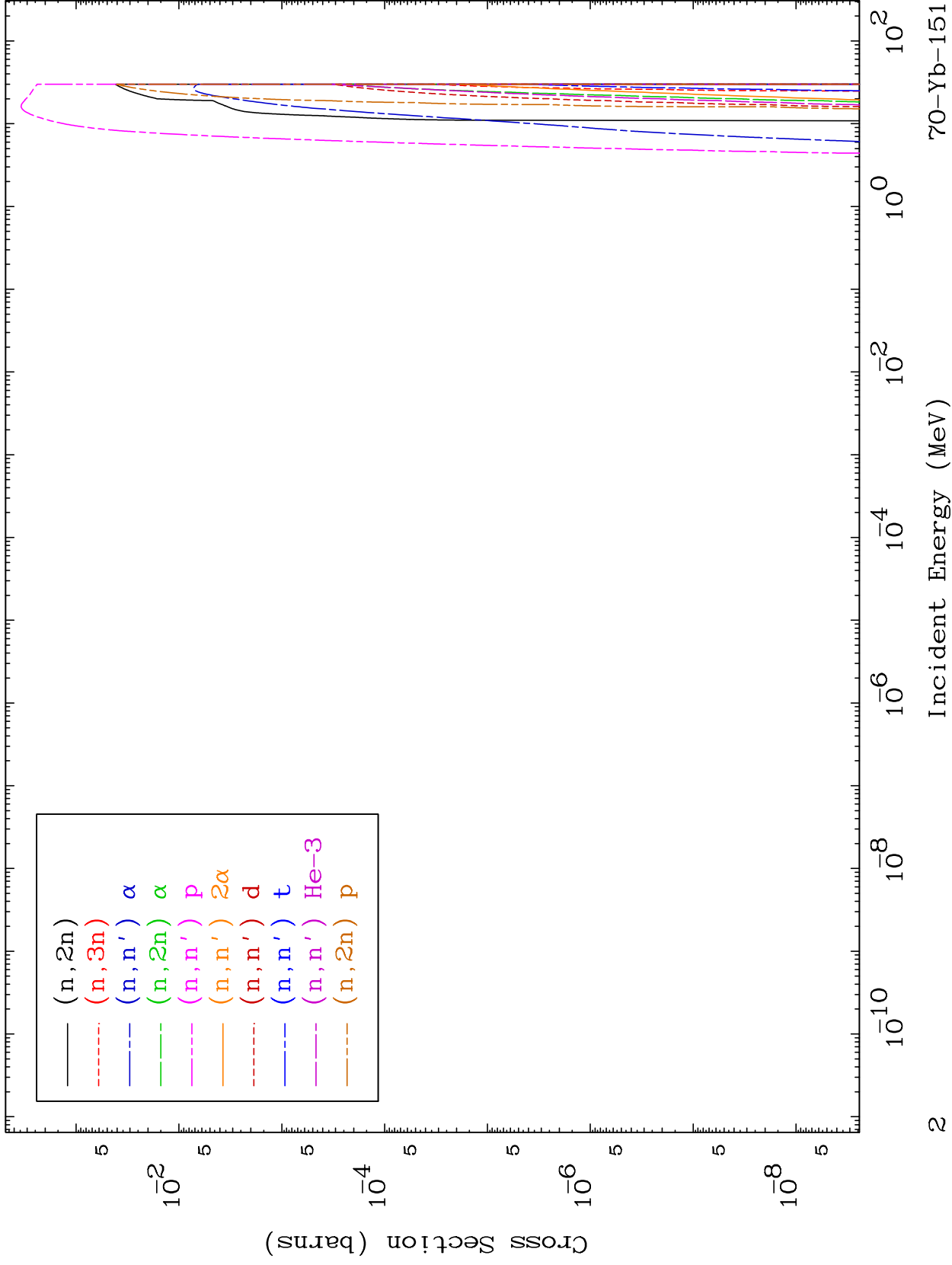
70-Yb-151



MAT 6974

Neutron Absorption
293 Kelvin Cross Sections

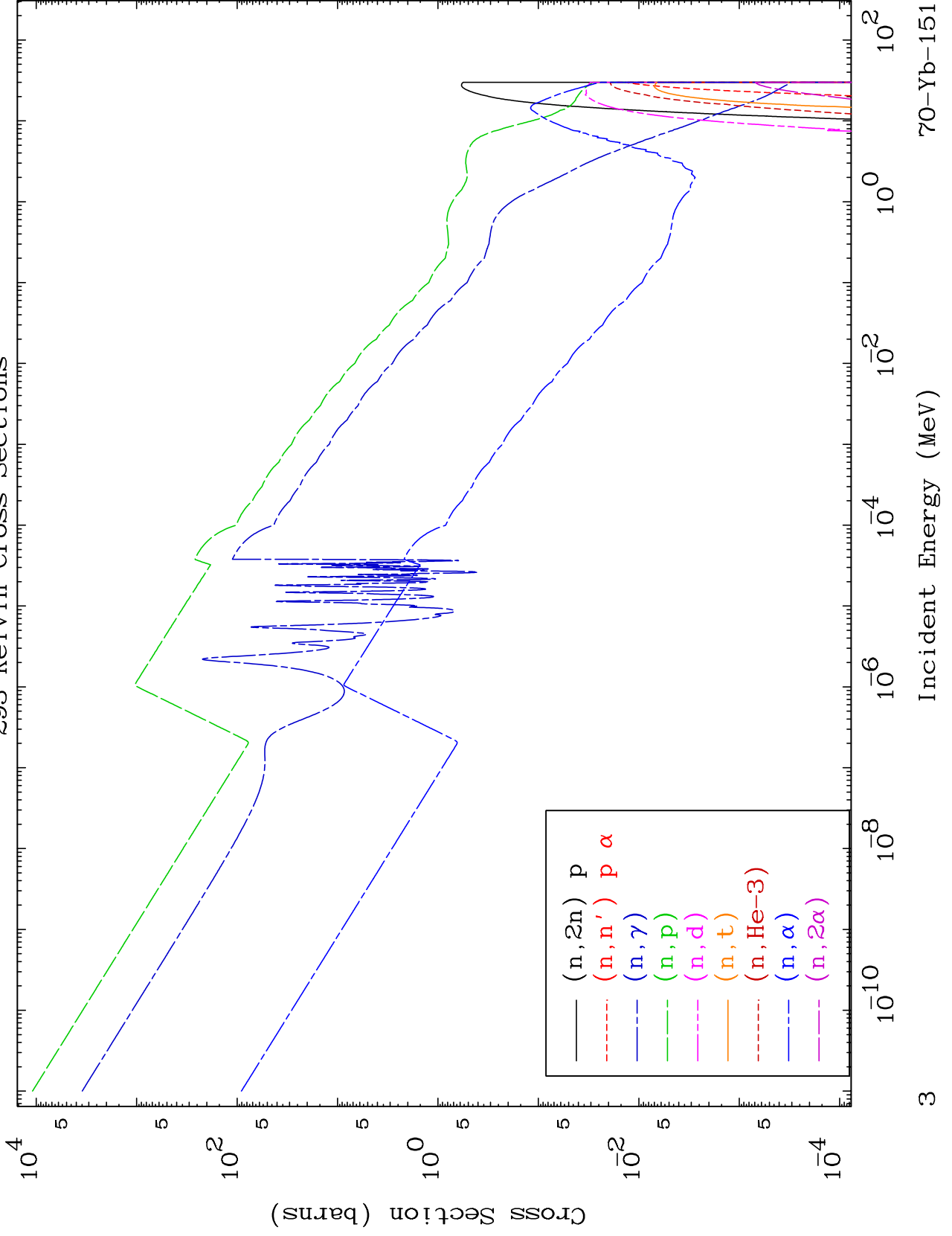
70-Yb-151



MAT 6974

Neutron Absorption
293 Kelvin Cross Sections

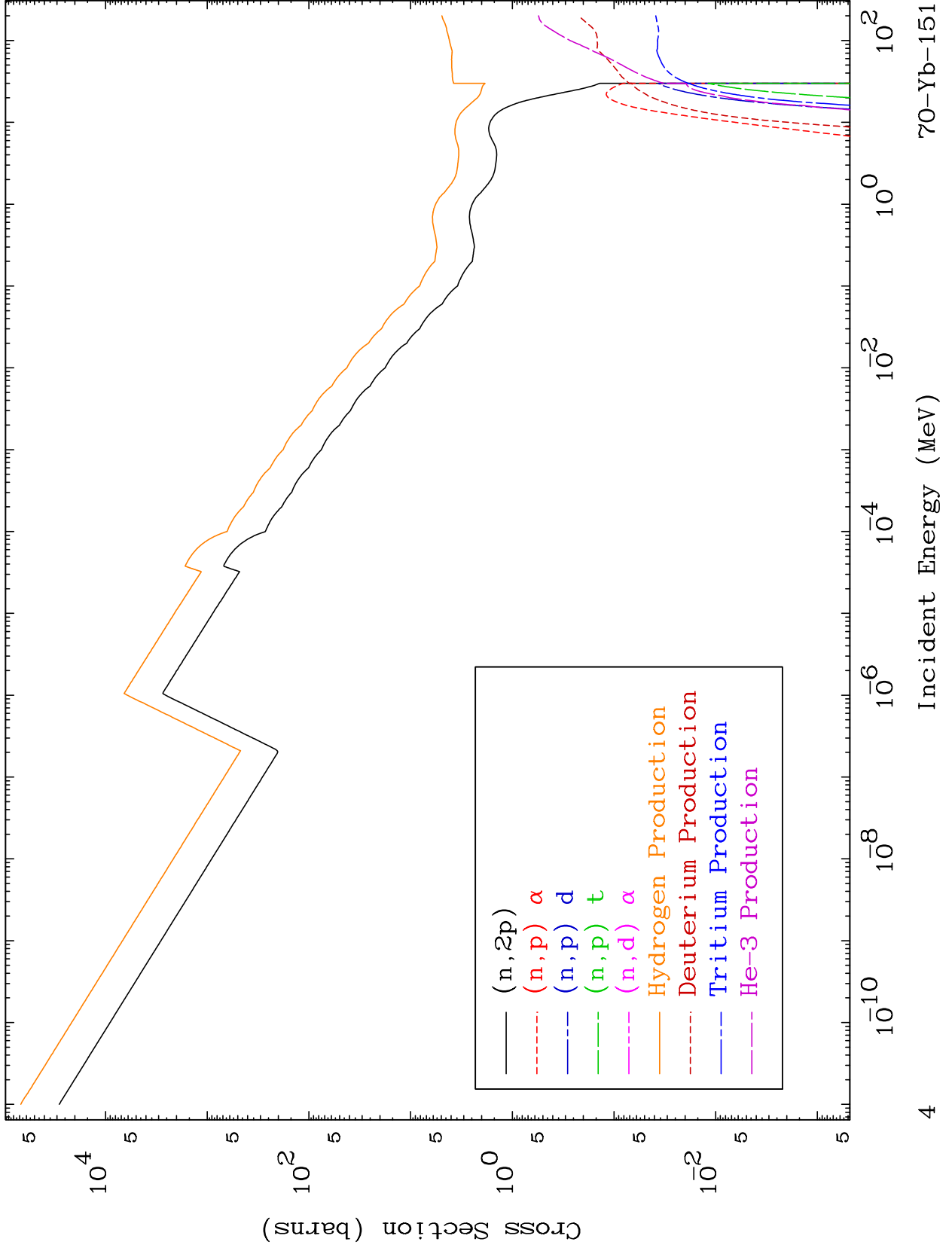
70-Yb-151



MAT 6974

Neutron Absorption
293 Kelvin Cross Sections

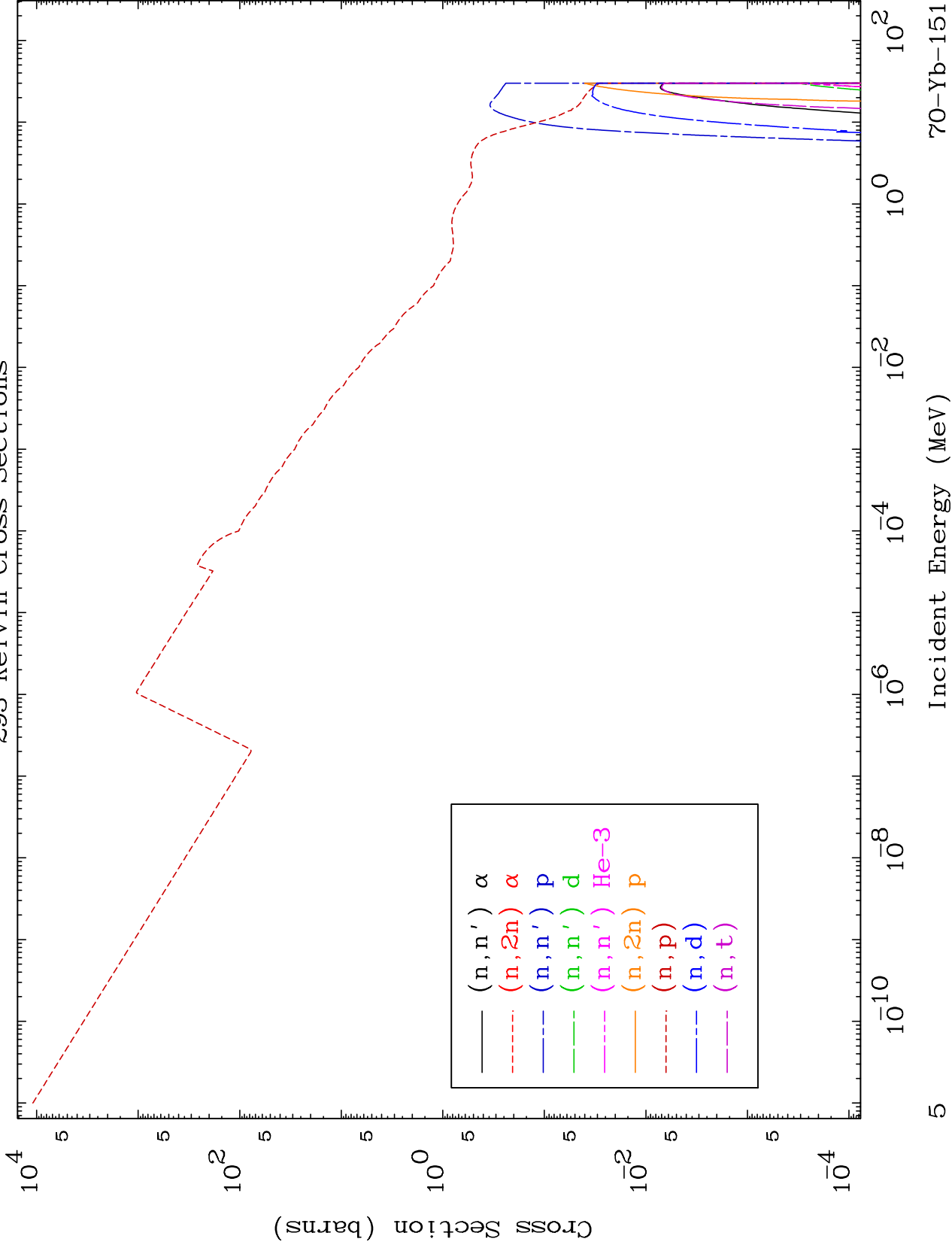
70-Yb-151



MAT 6974

Charged Particle
293 Kelvin Cross Sections

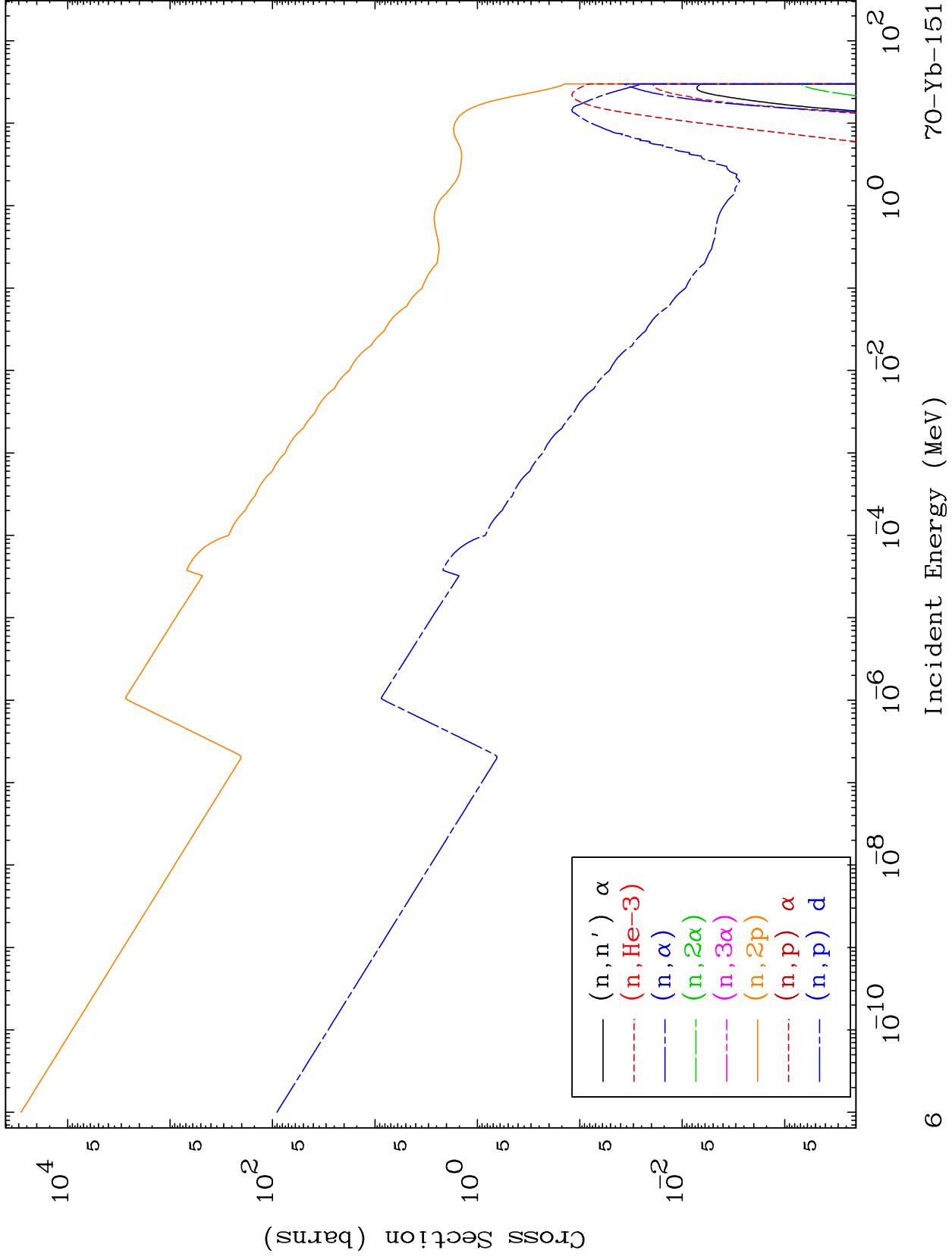
70-Yb-151



MAT 6974

Charged Particle
293 Kelvin Cross Sections

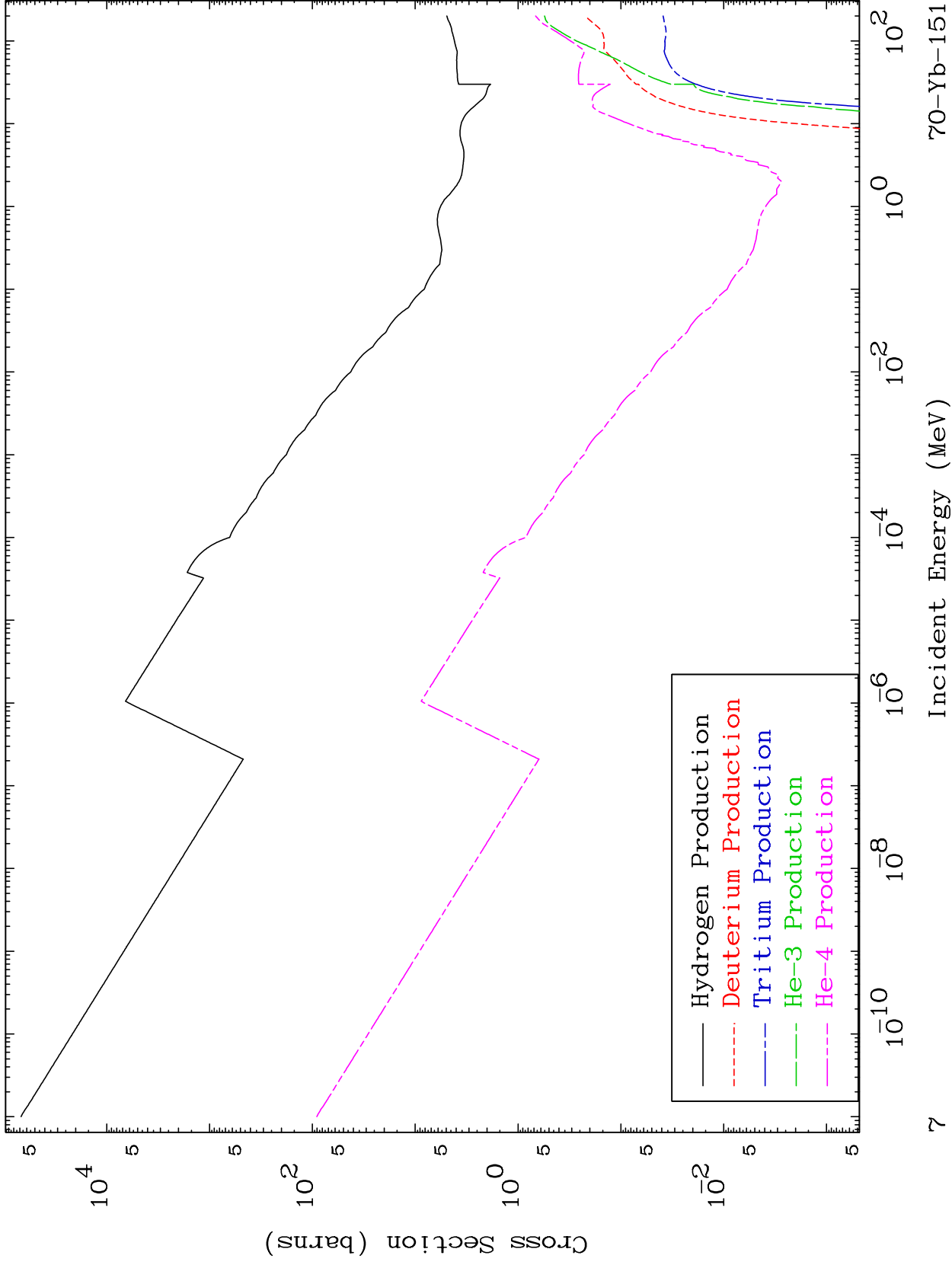
70-Yb-151



MAT 6974

Particle Production
293 Kelvin Cross Sections

70-Yb-151

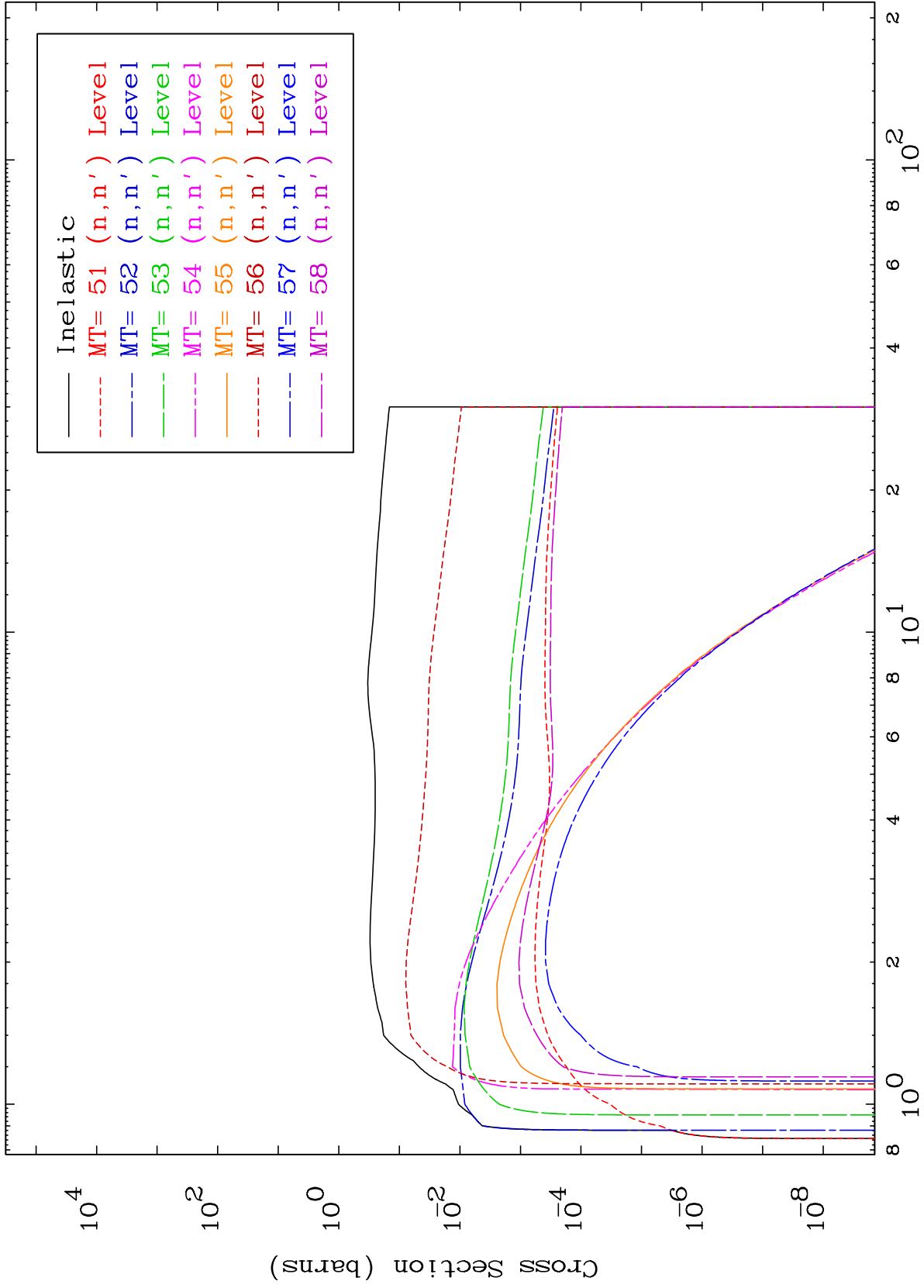


MAT 6974

(n,n') Levels

70-Yb-151

293 Kelvin Cross Sections



Incident Energy (MeV)

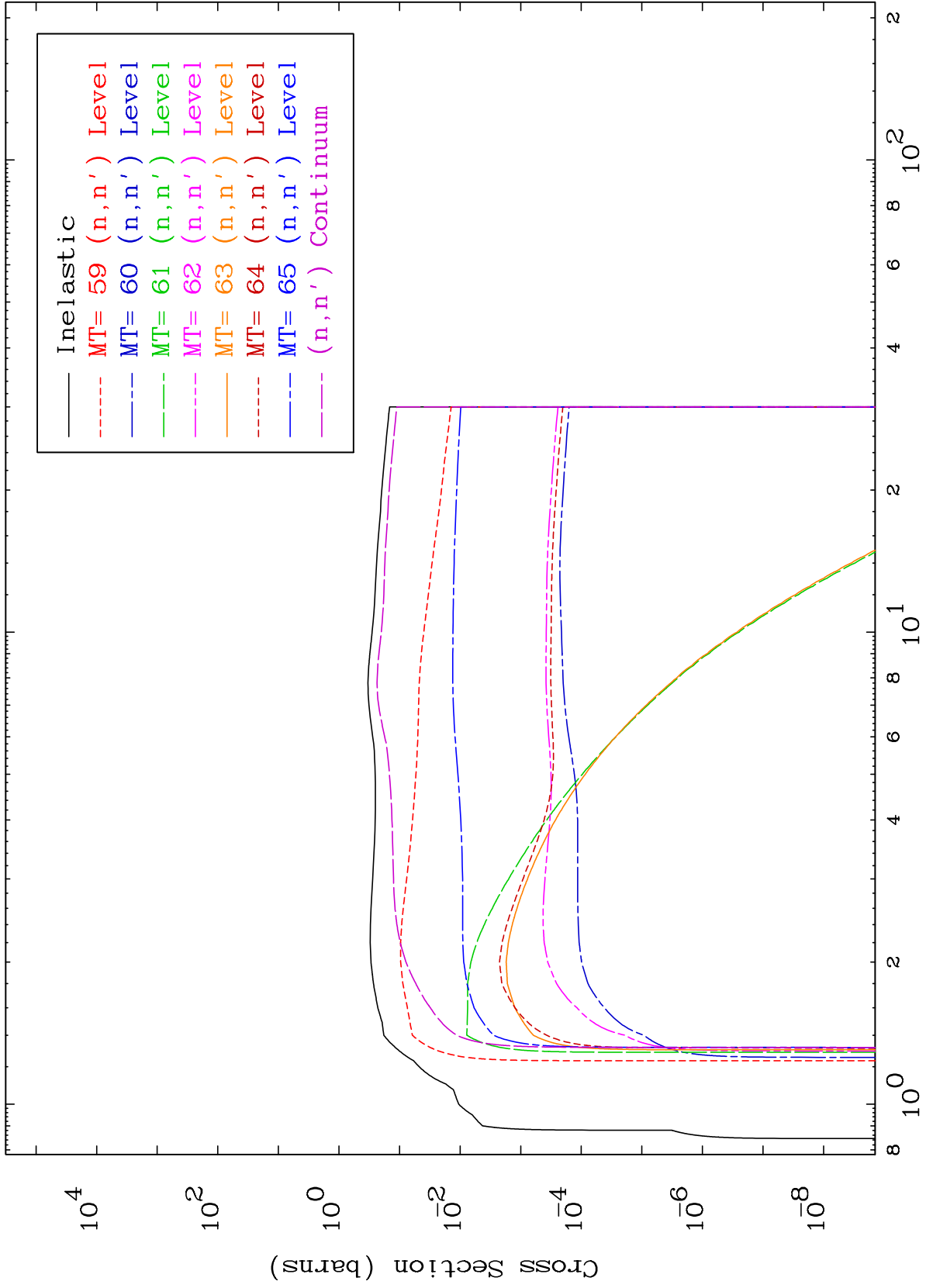
70-Yb-151

MAT 6974

(n,n') Levels

70-Yb-151

293 Kelvin Cross Sections



9

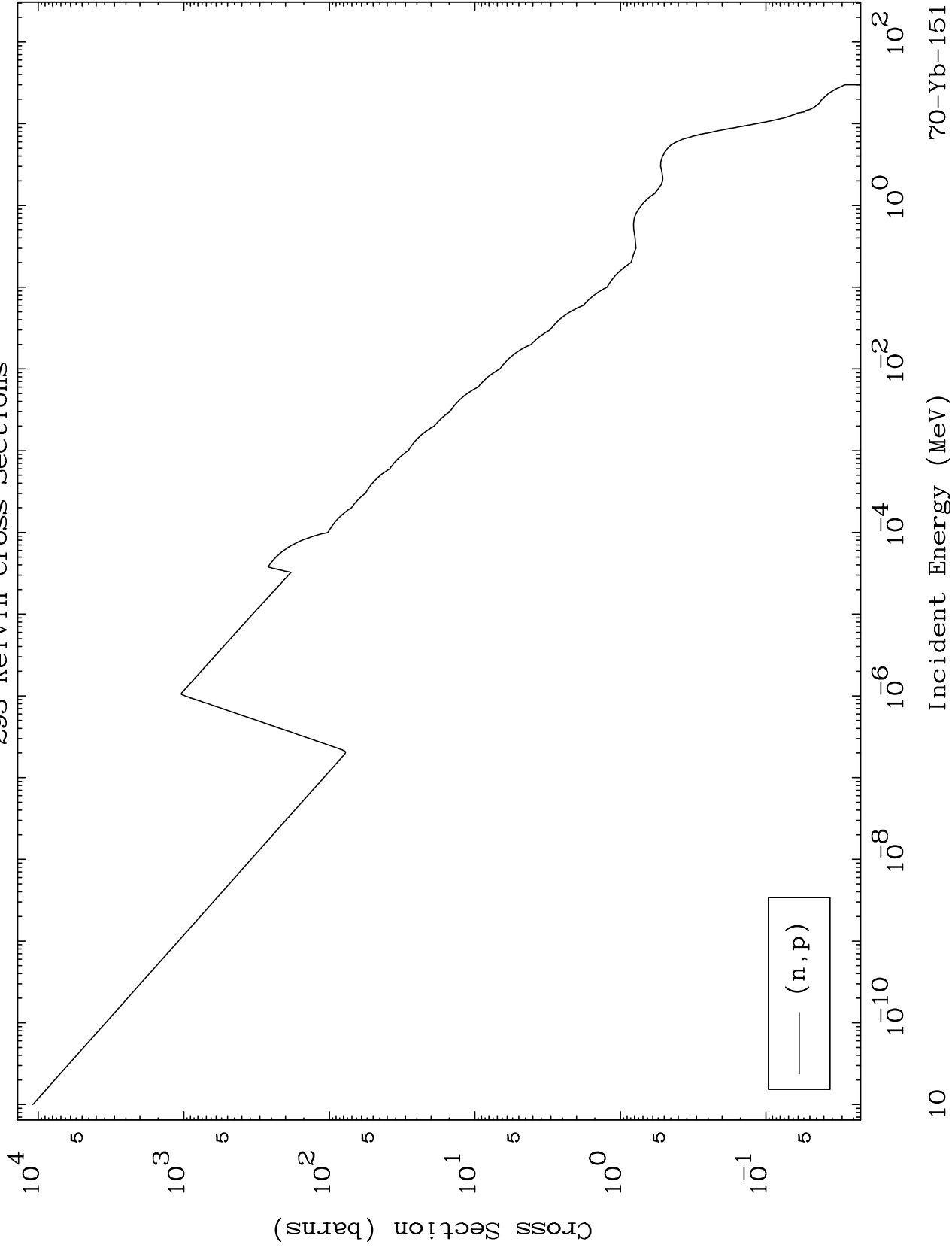
Incident Energy (MeV)

70-Yb-151

MAT 6974

(n,p) Levels
293 Kelvin Cross Sections

70-Yb-151



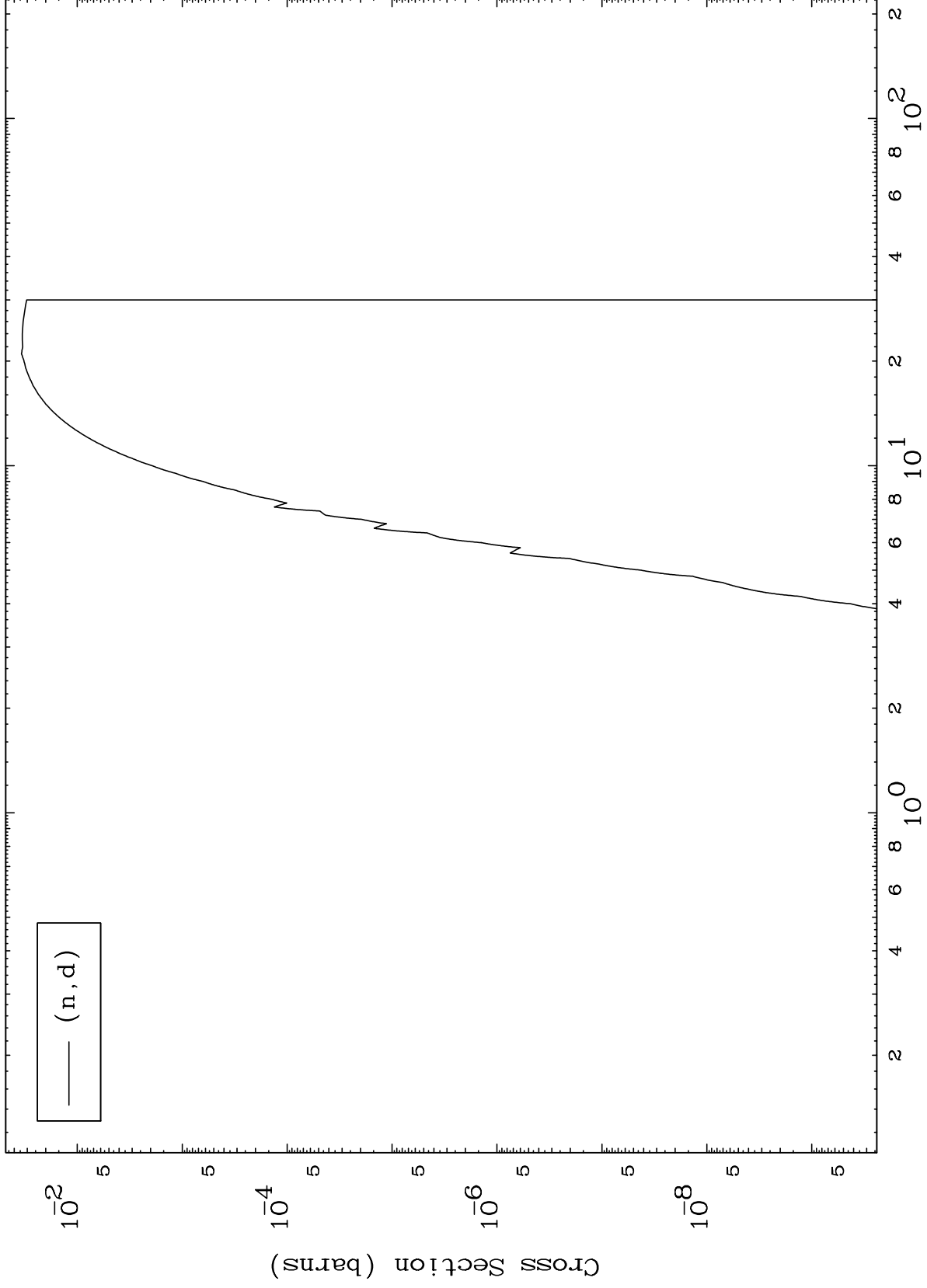
(n,p)

10

MAT 6974

(n,d) Levels
293 Kelvin Cross Sections

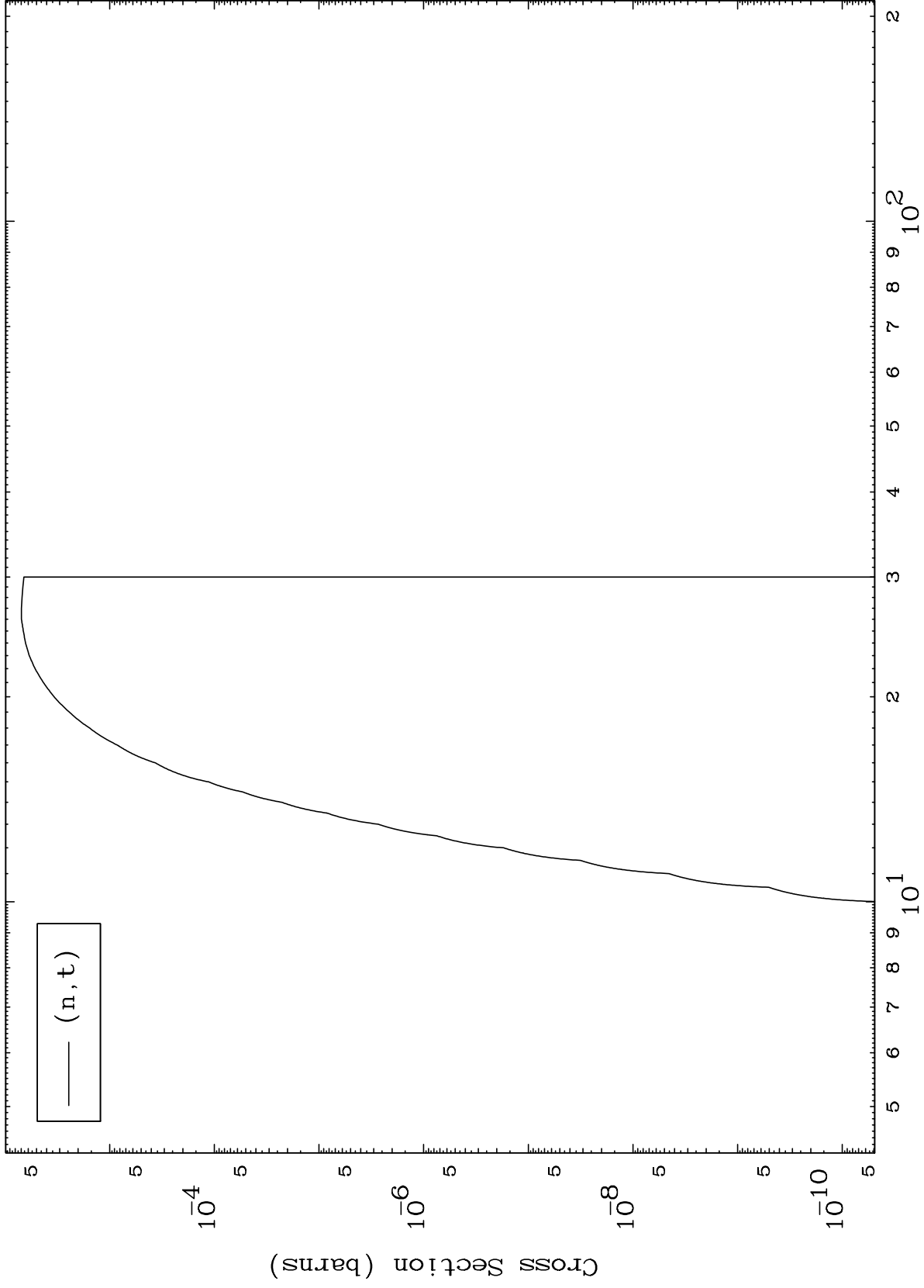
70-Yb-151



MAT 6974

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-151



12

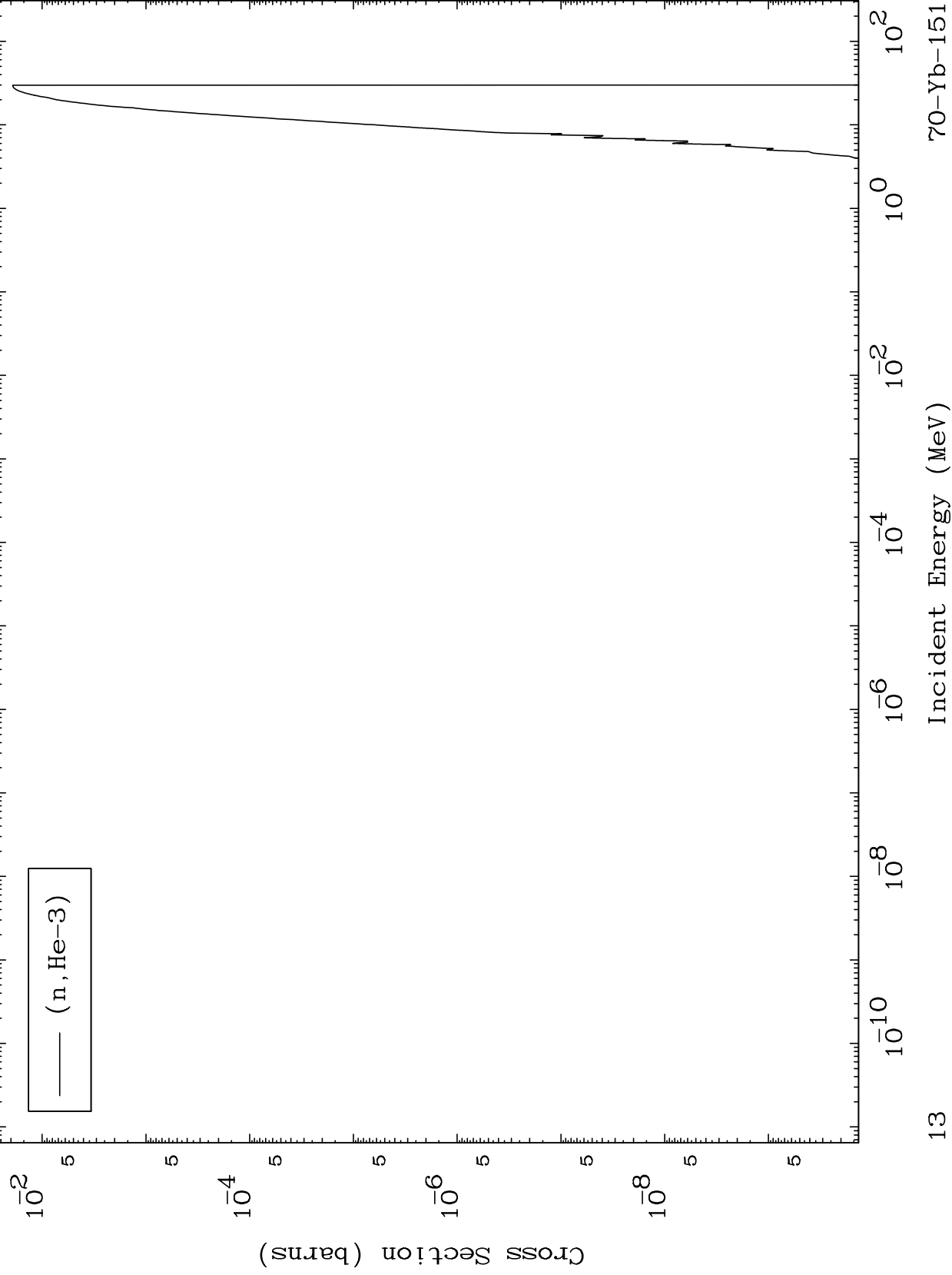
Incident Energy (MeV)

70-Yb-151

MAT 6974

(n,He3) Levels
293 Kelvin Cross Sections

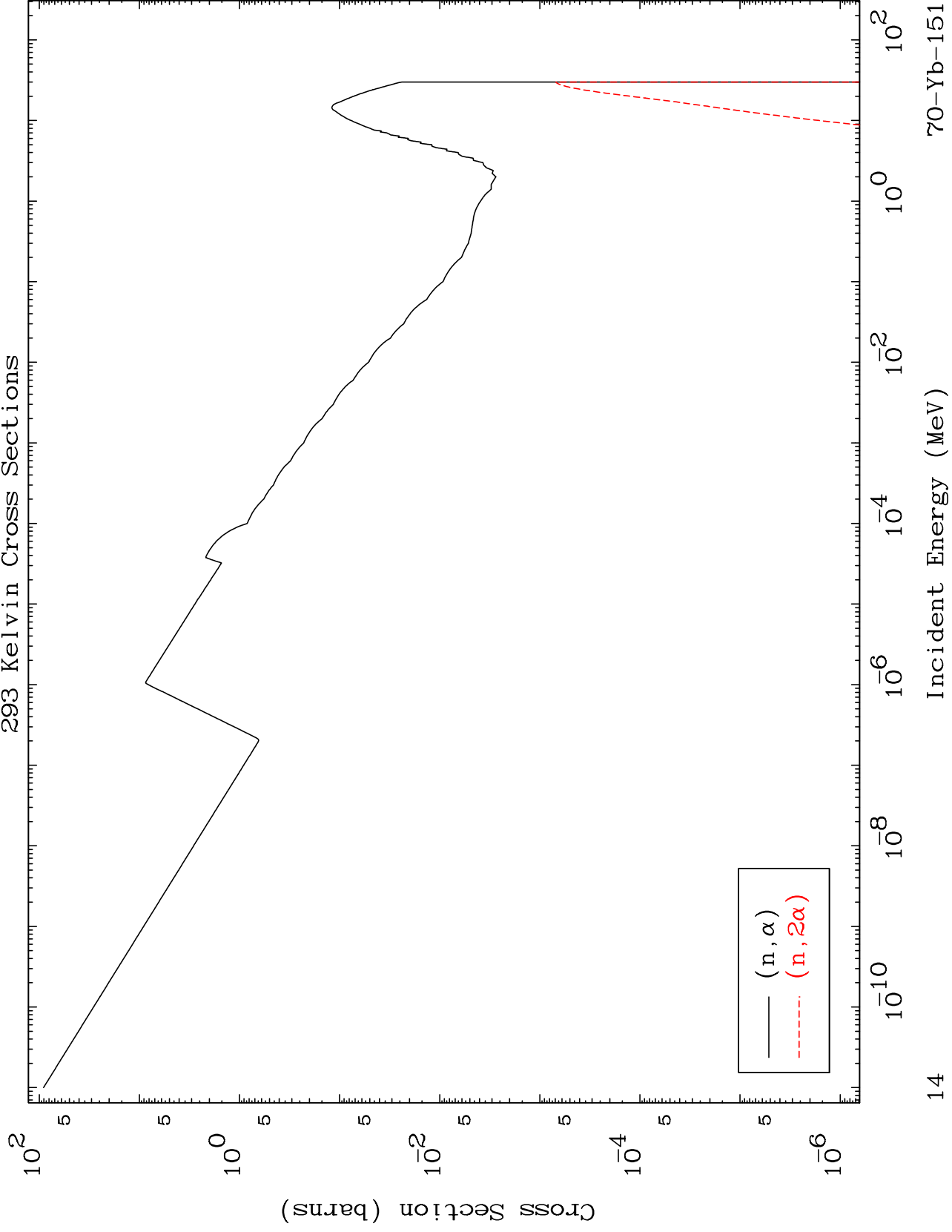
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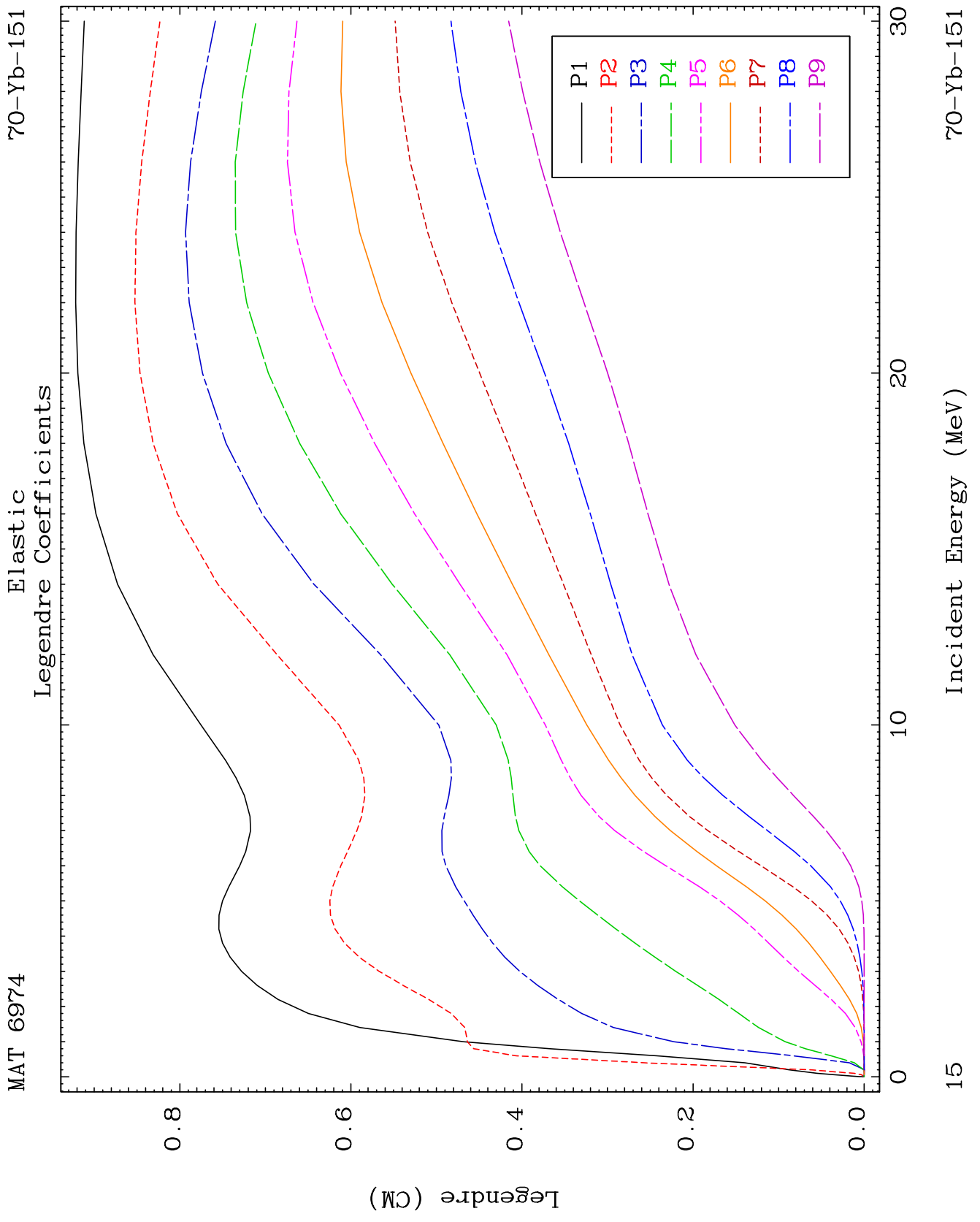


MAT 6974

(n, α) Levels
293 Kelvin Cross Sections

70-Yb-151

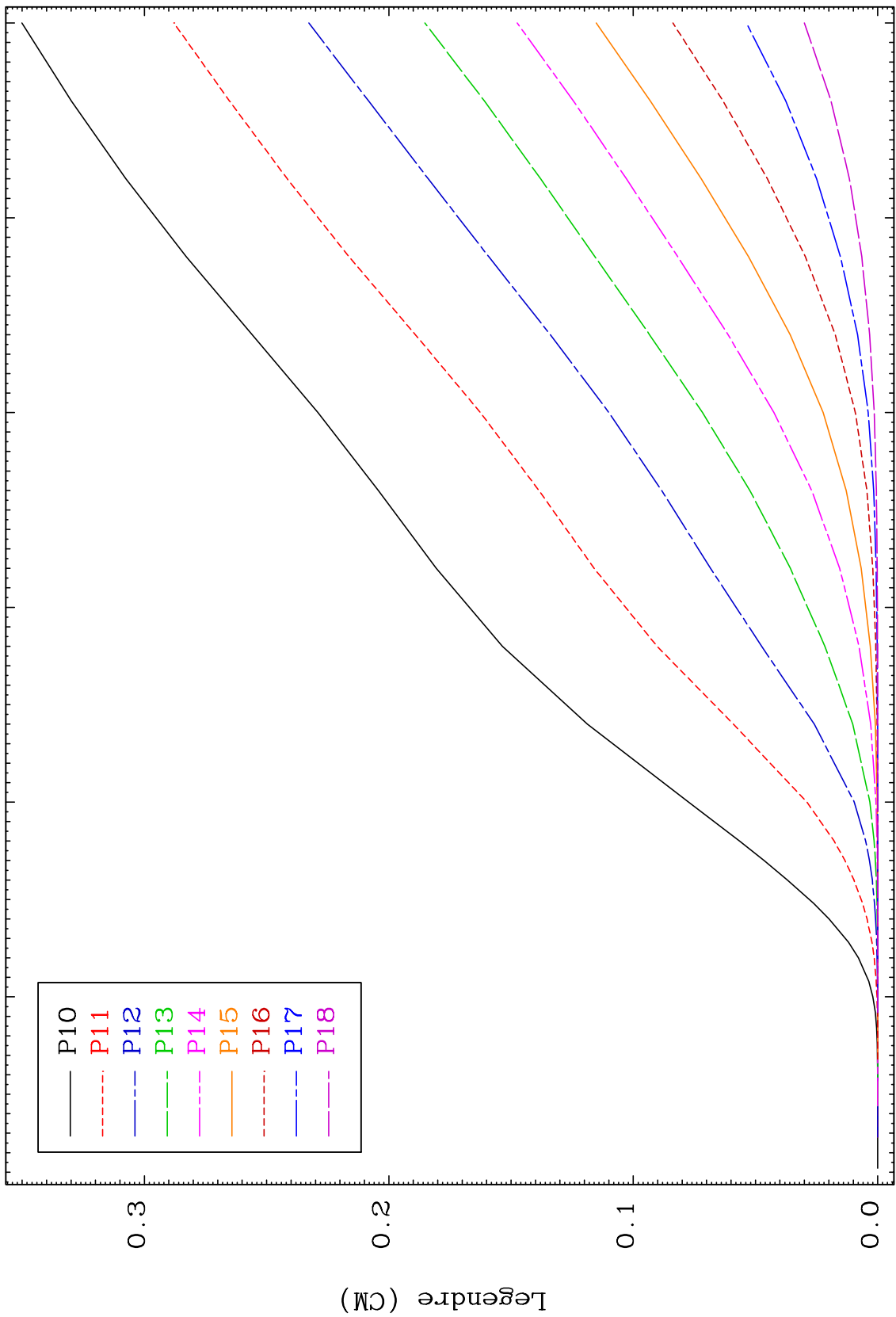




MAT 6974

Elastic Legendre Coefficients

70-Yb-151



16

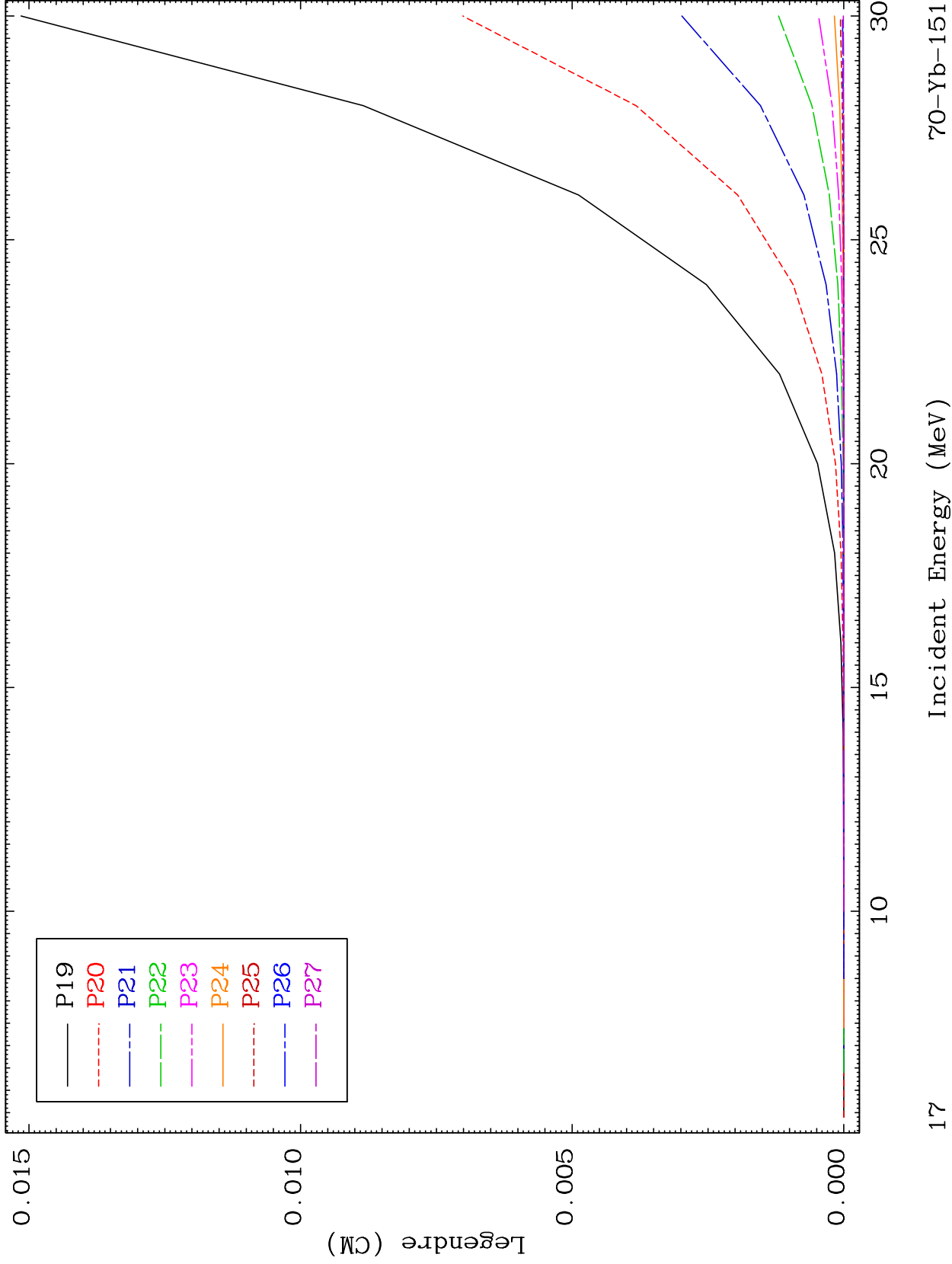
Incident Energy (MeV)

70-Yb-151

MAT 6974

Elastic
Legendre Coefficients

70-Yb-151



17

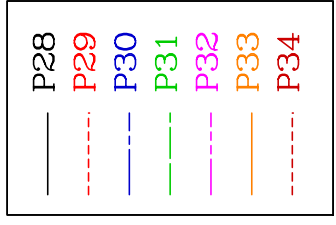
Incident Energy (MeV)

70-Yb-151

MAT 6974

Elastic
Legendre Coefficients

70-Yb-151



$\times 10^{-6}$

2.0

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

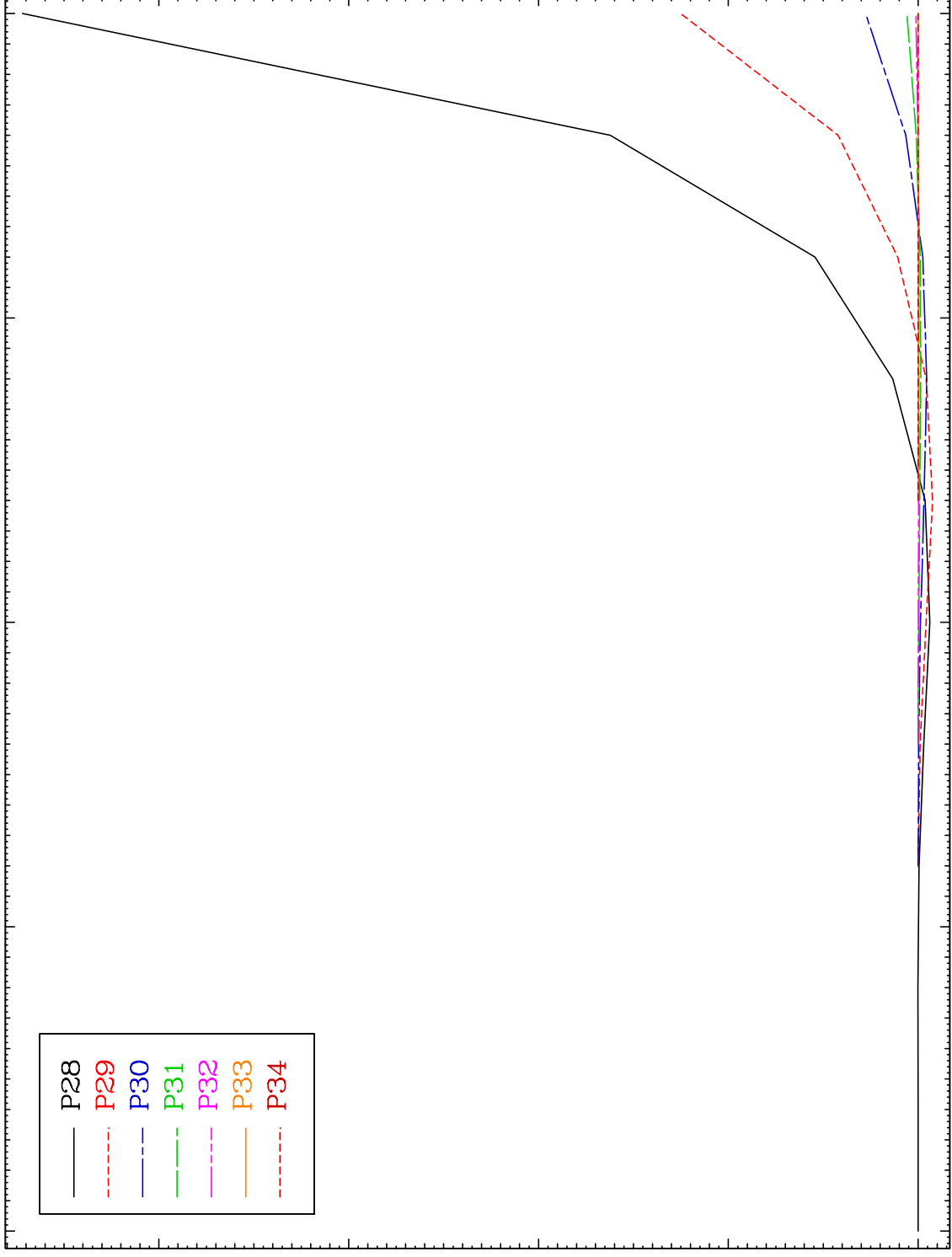
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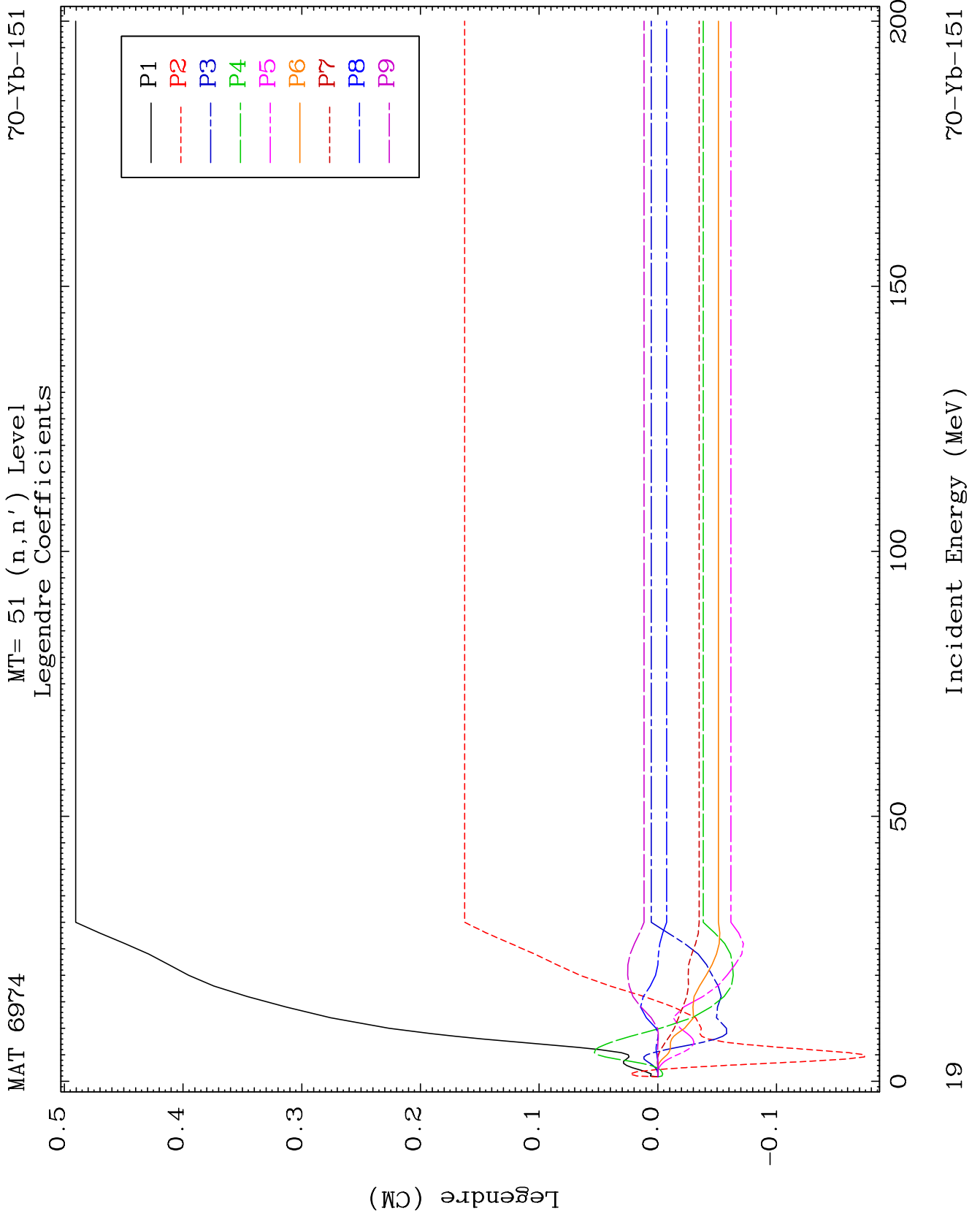
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18

Incident Energy (MeV)

70-Yb-151

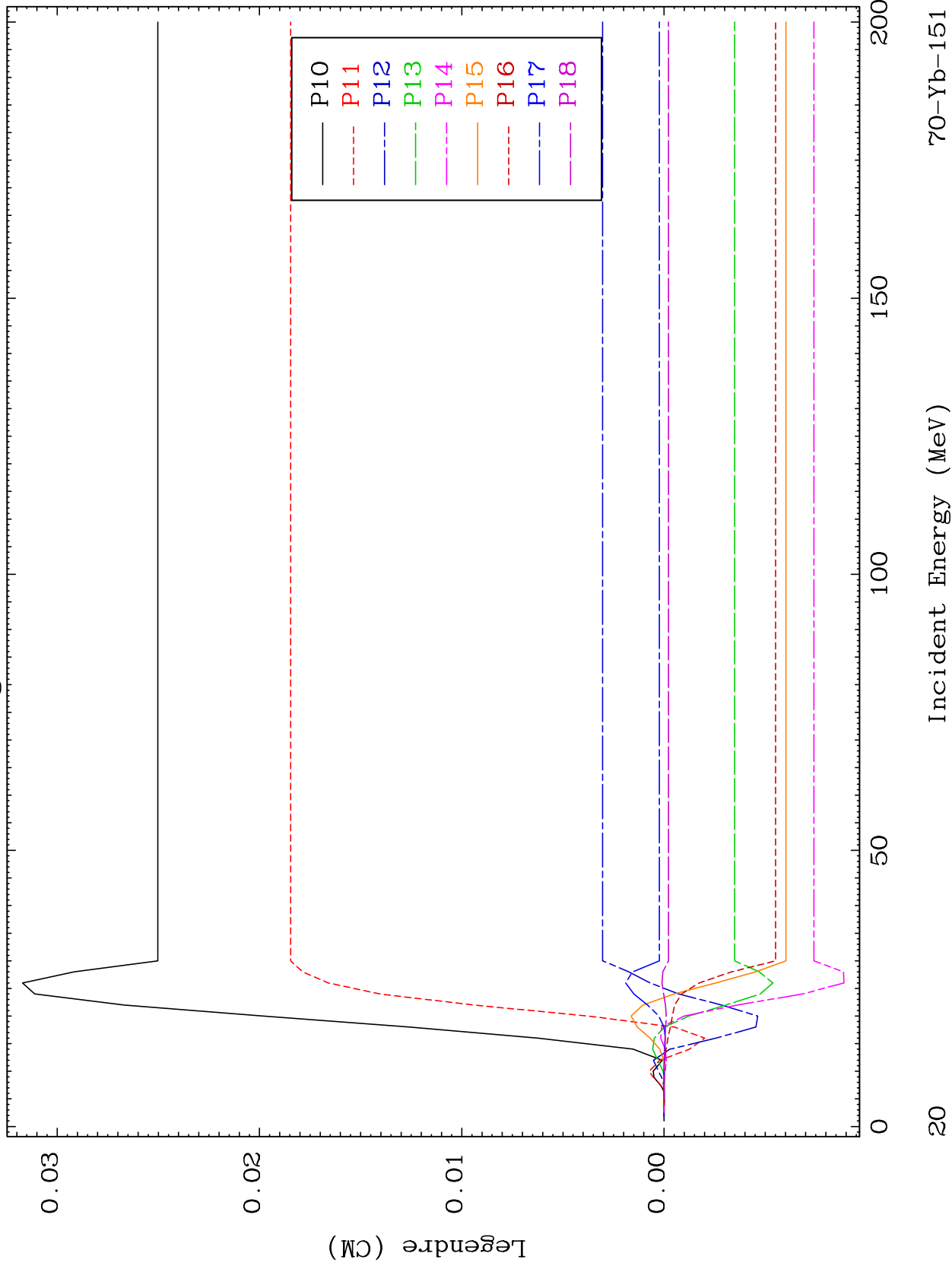




MAT 6974

MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-151



70-Yb-151

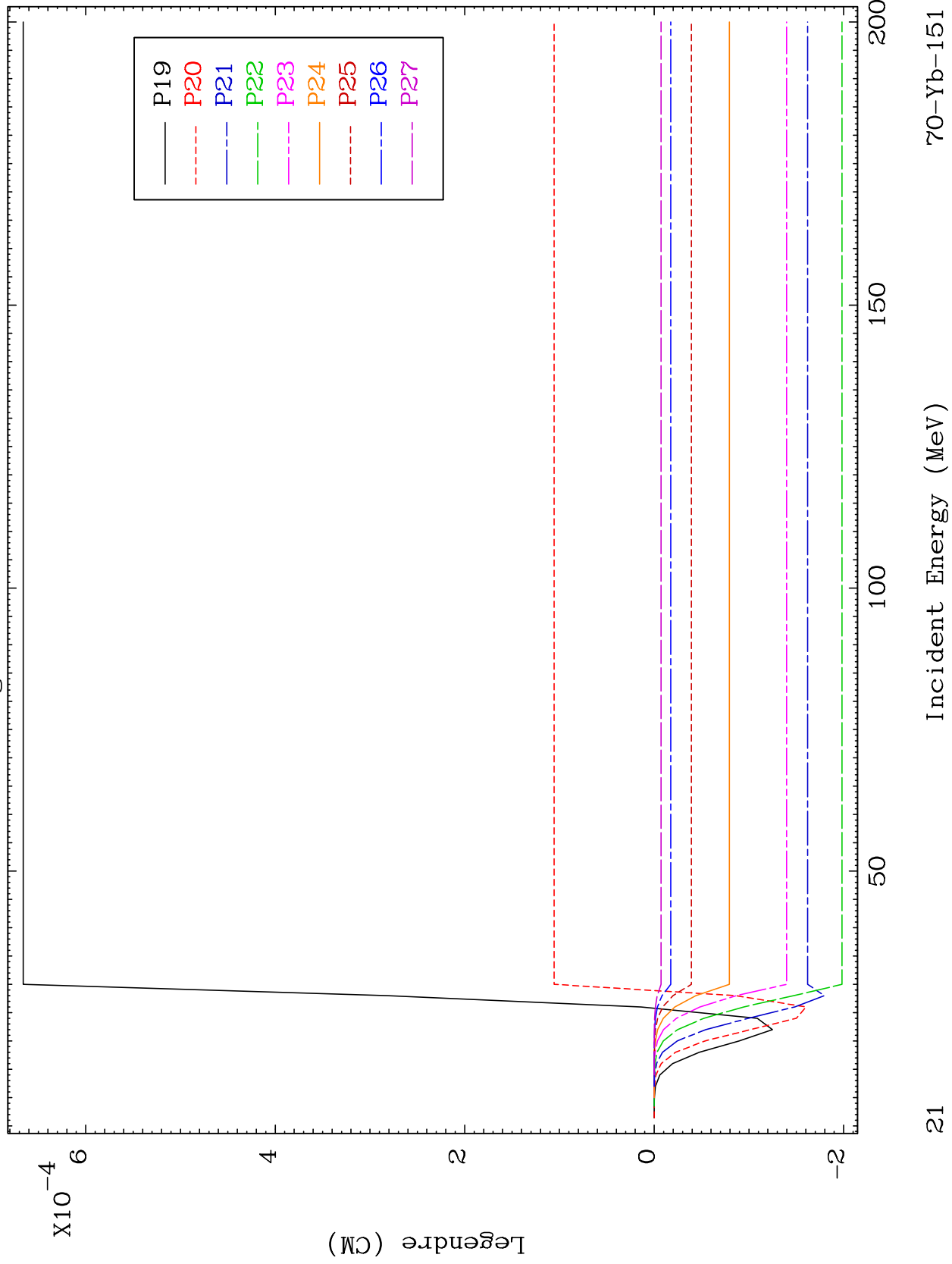
Incident Energy (MeV)

20

MAT 6974

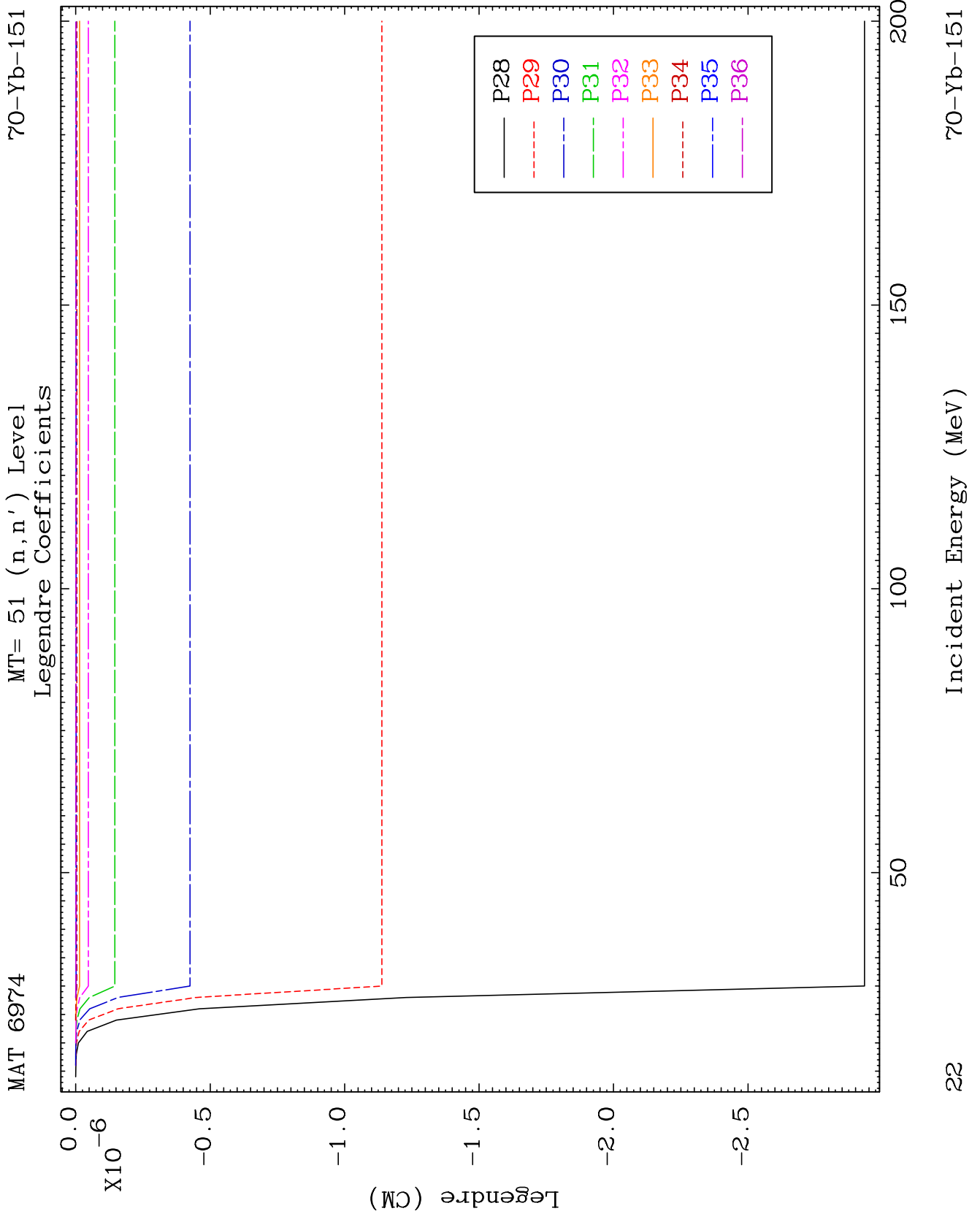
MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-151



21

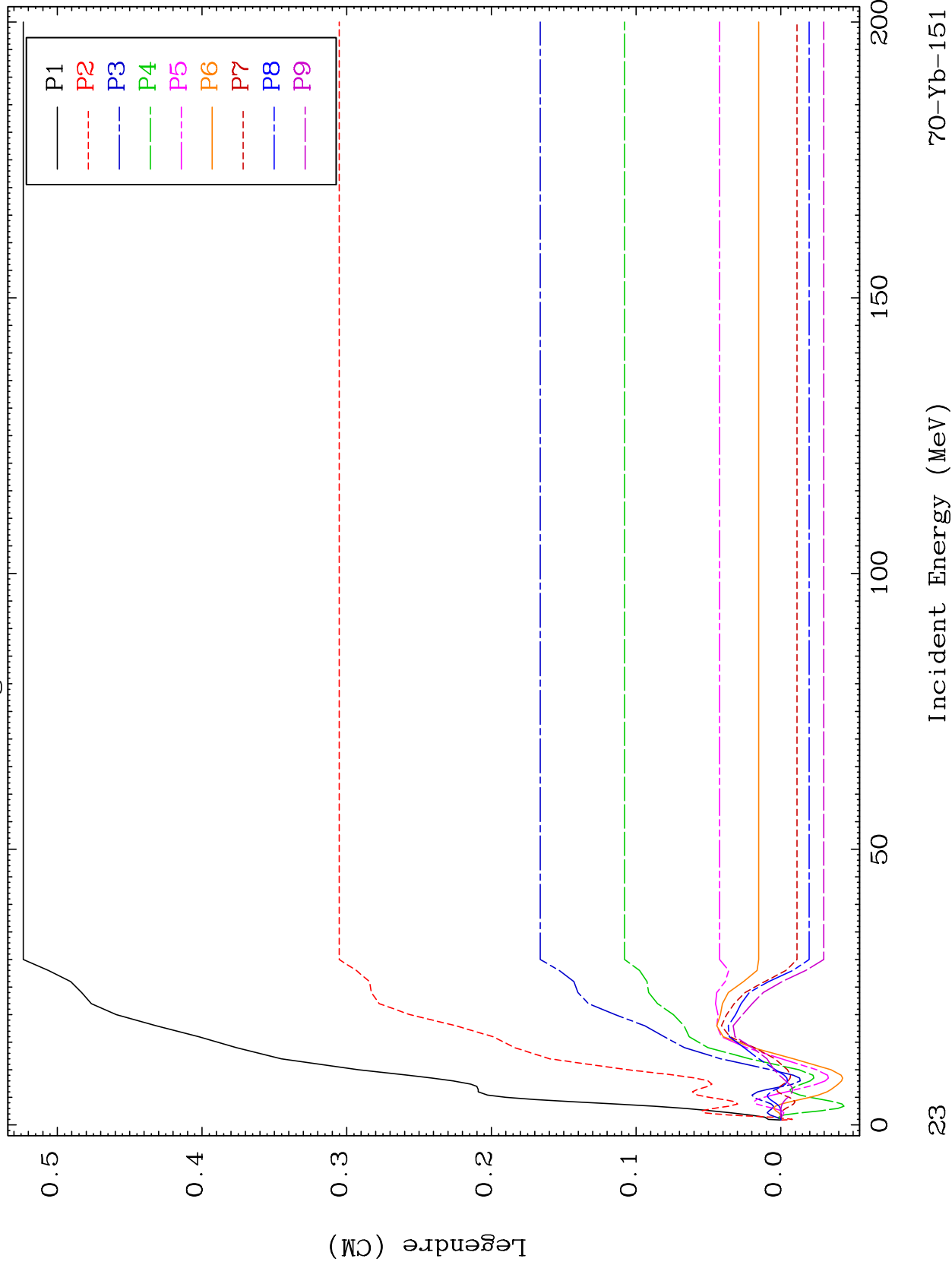
70-Yb-151



MAT 6974

MT= 52 (n,n') Level
Legendre Coefficients

70-Yb-151



23

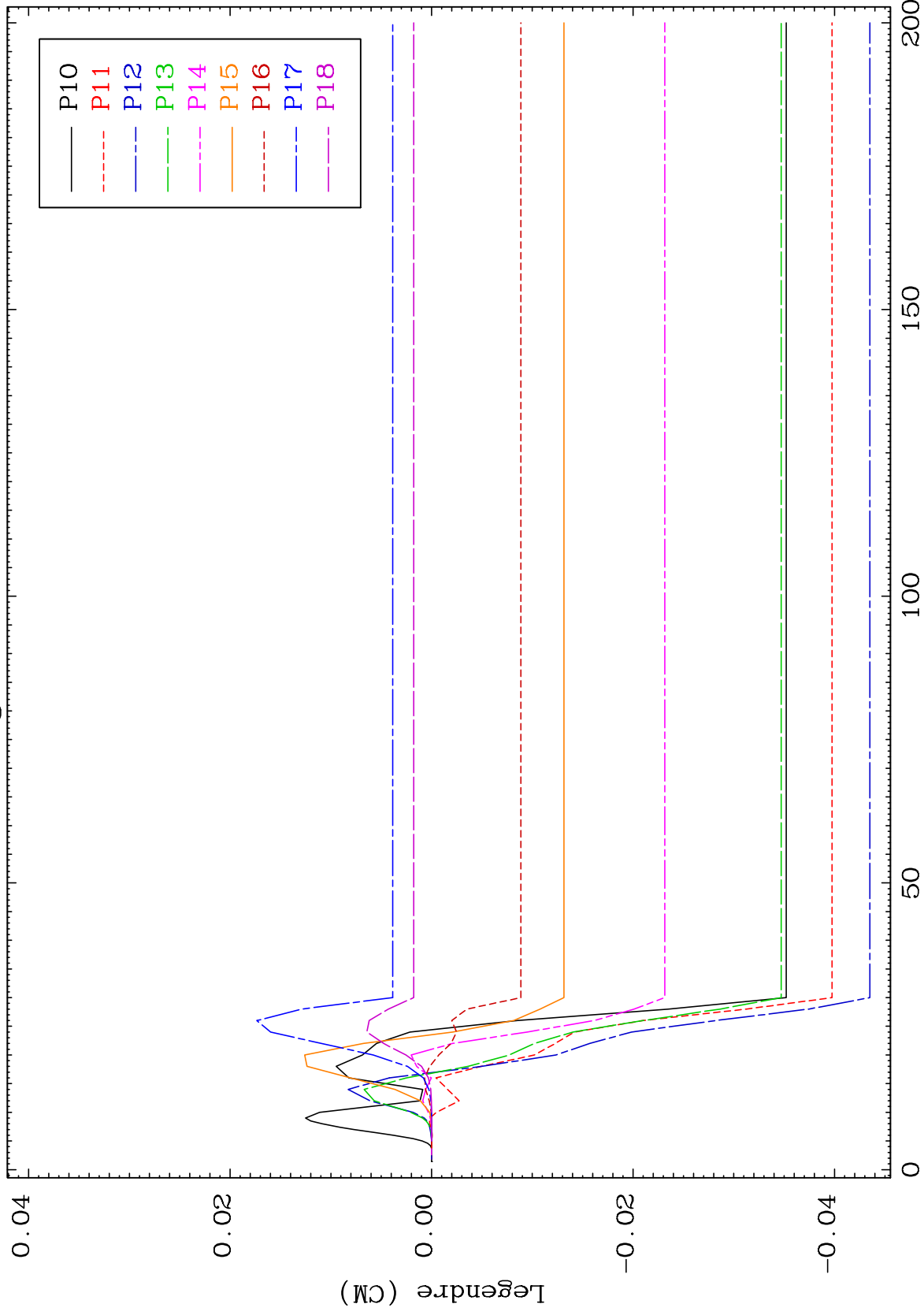
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 52 (n,n') Level
Legendre Coefficients

70-Yb-151



24

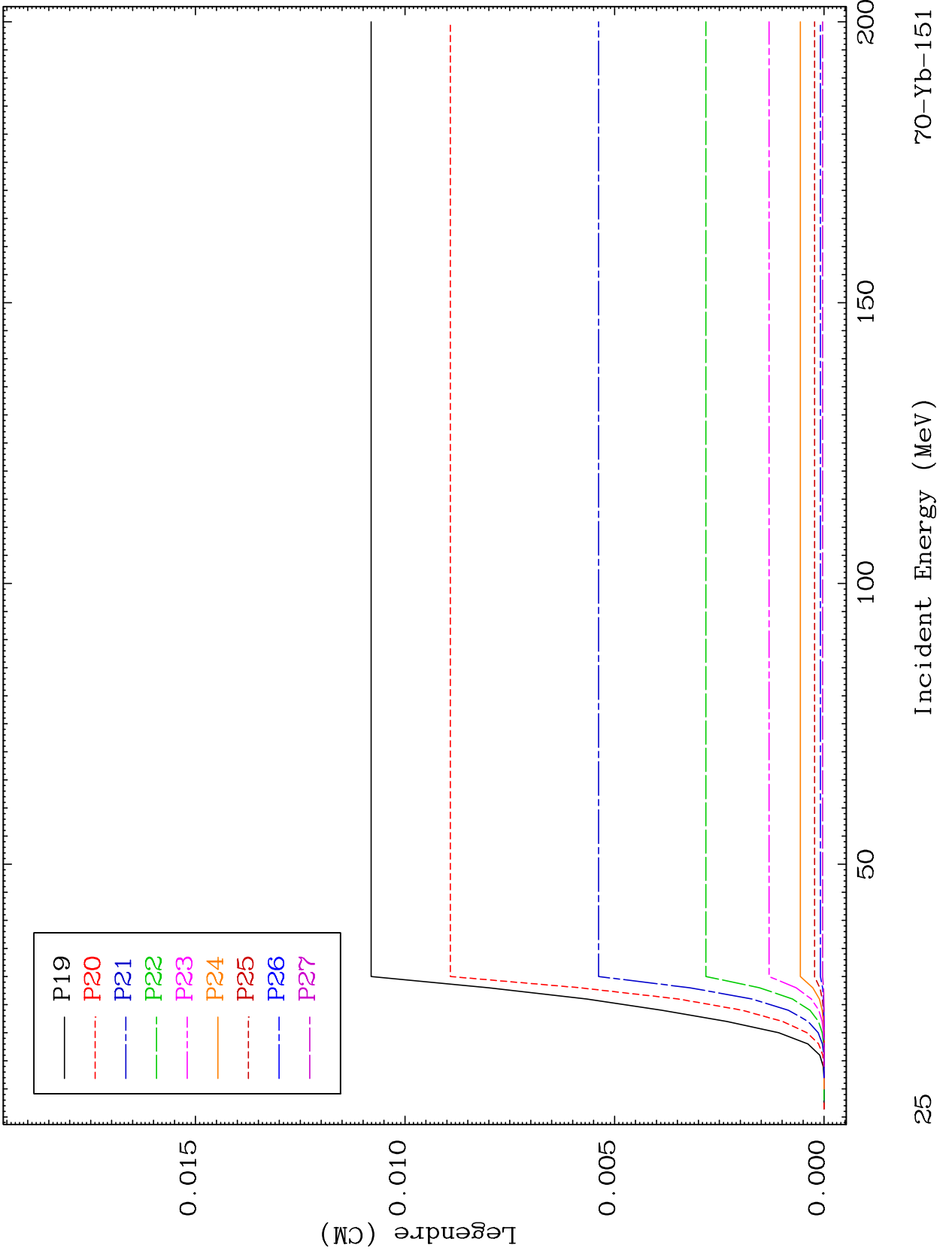
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 52 (n,n') Level
Legendre Coefficients

70-Yb-151



25

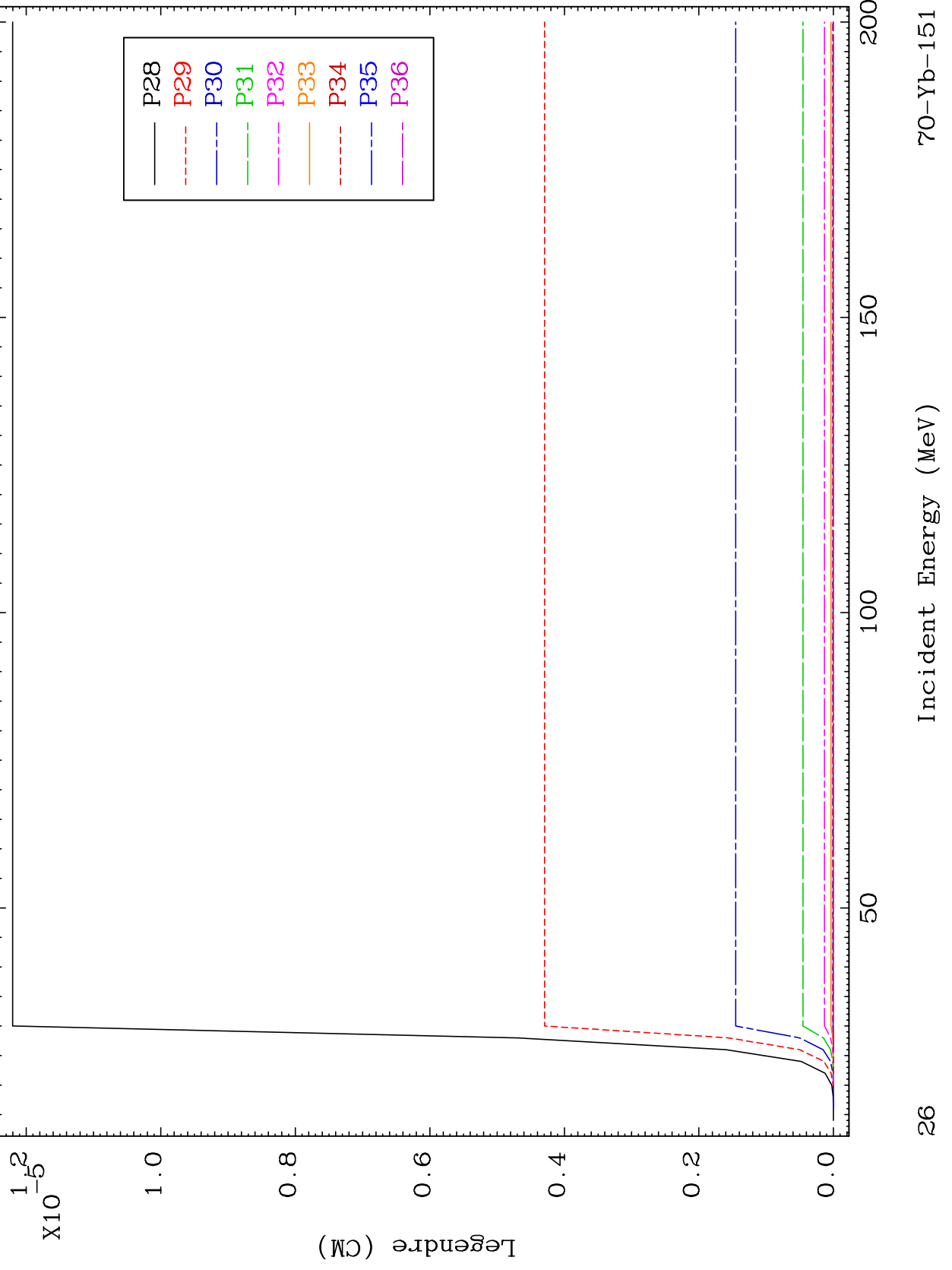
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 52 (n,n') Level
Legendre Coefficients

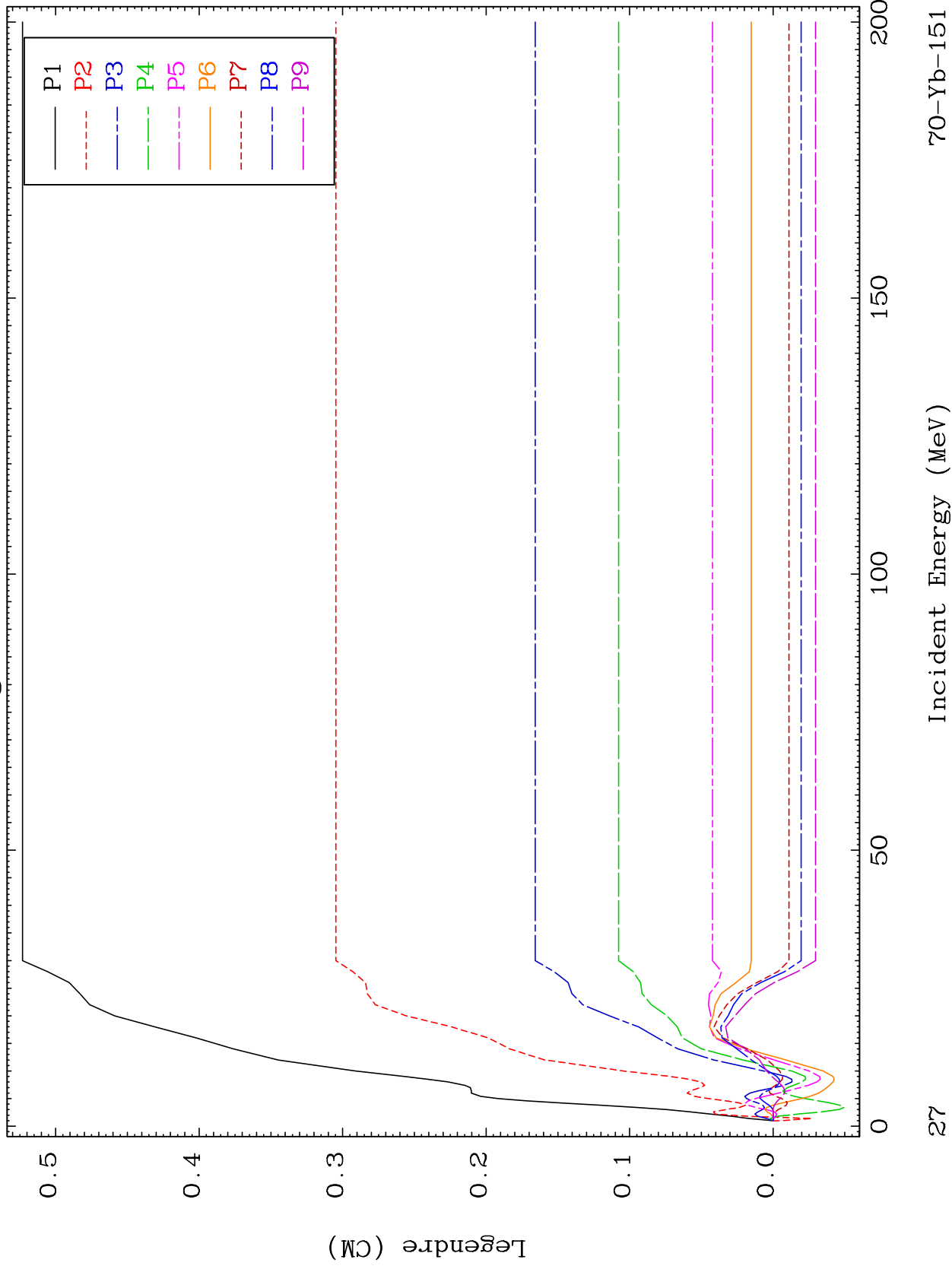
70-Yb-151



MAT 6974

MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-151



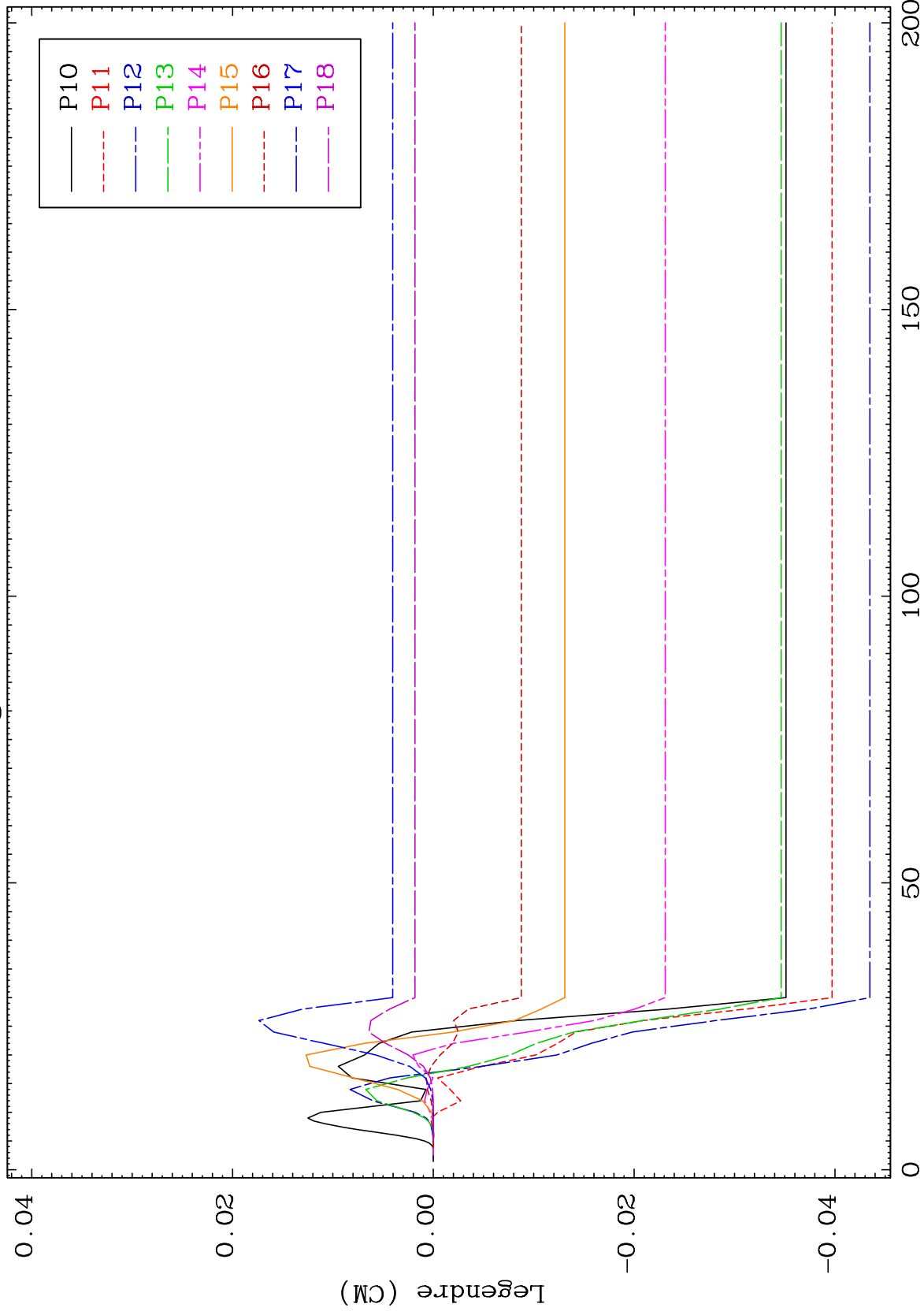
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70-Yb-151

MAT 6974

MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-151



28

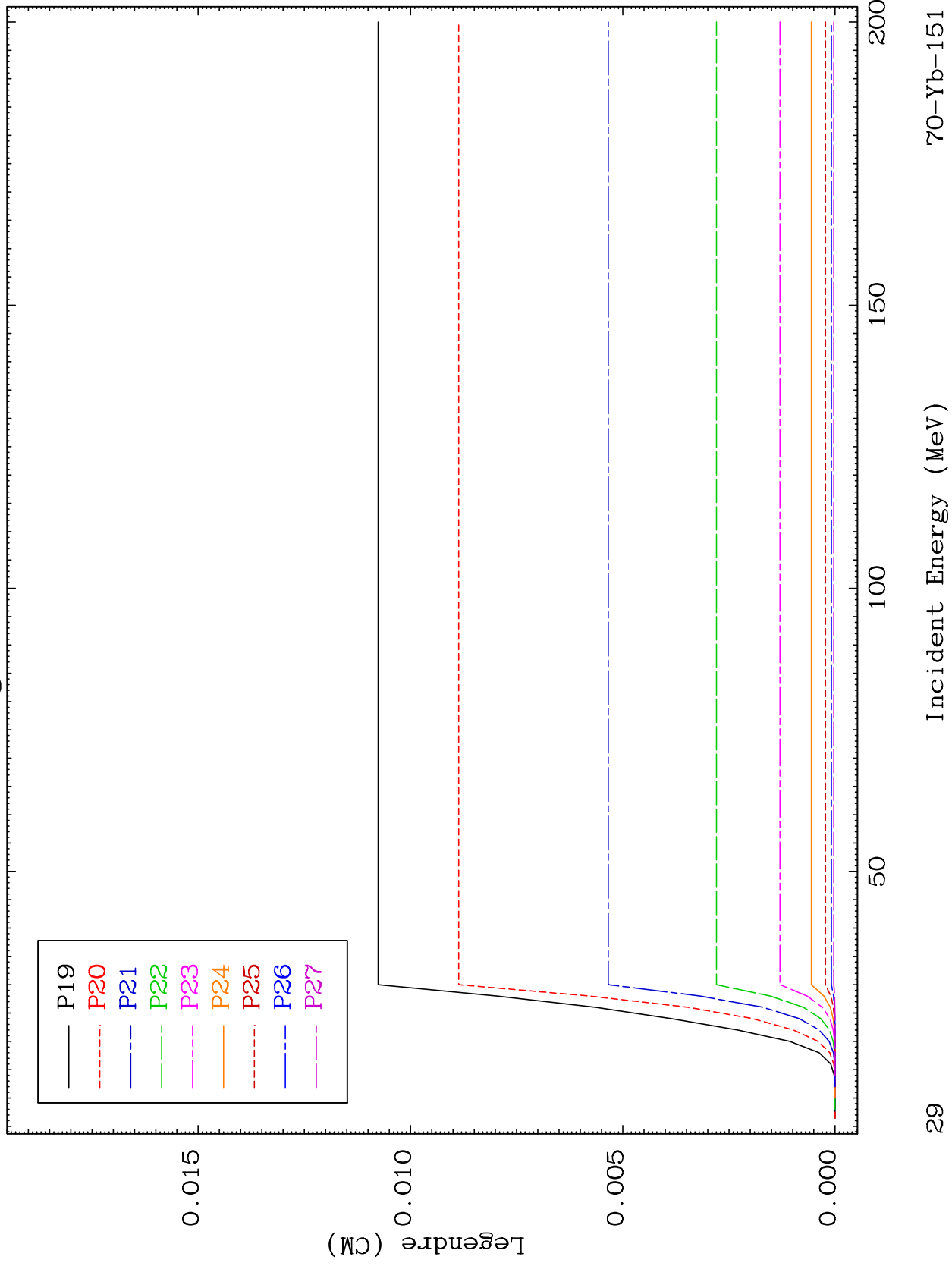
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-151



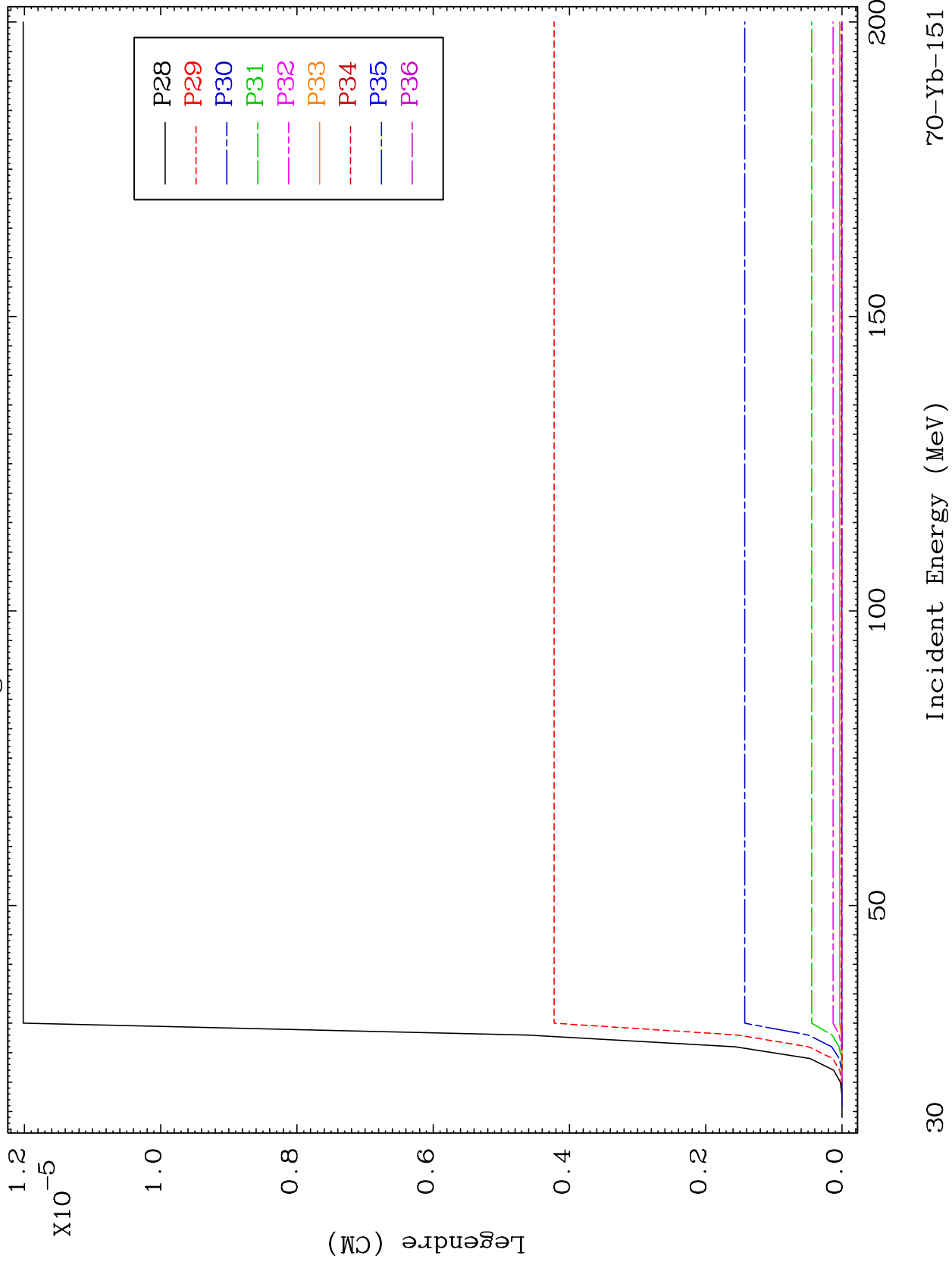
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70-Yb-151

MAT 6974

MT= 53 (n,n') Level
Legendre Coefficients

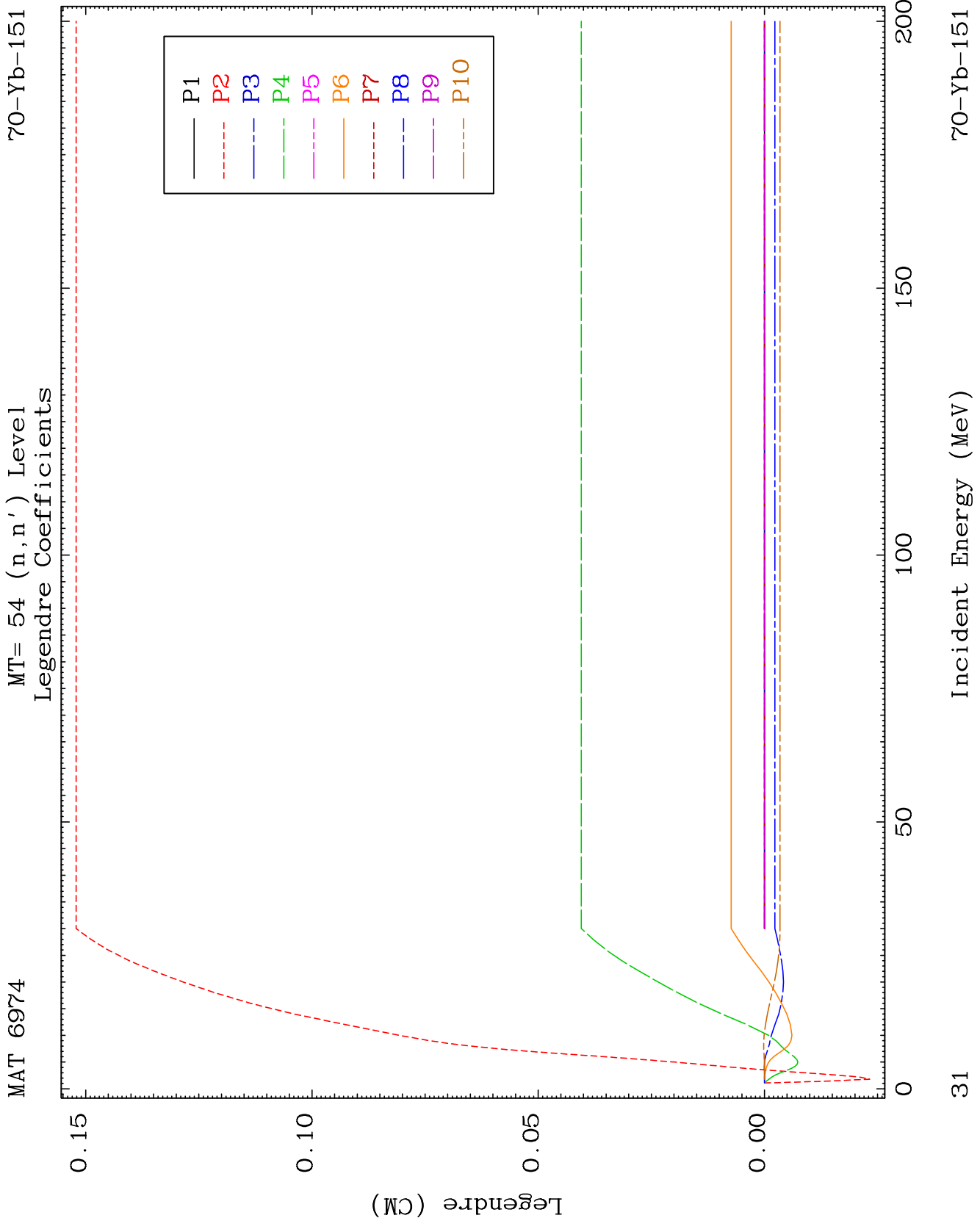
70-Yb-151



70-Yb-151

Incident Energy (MeV)

30

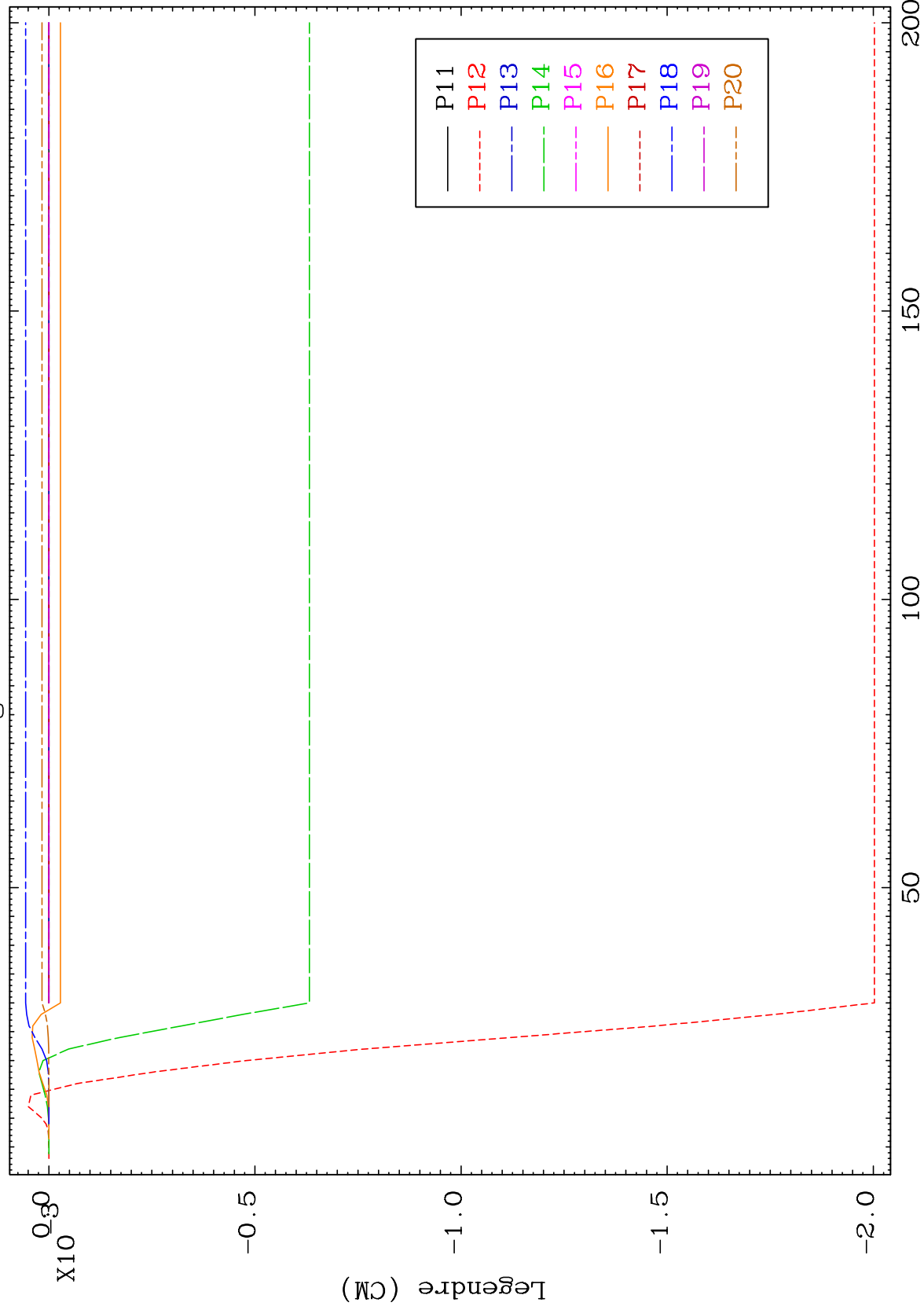


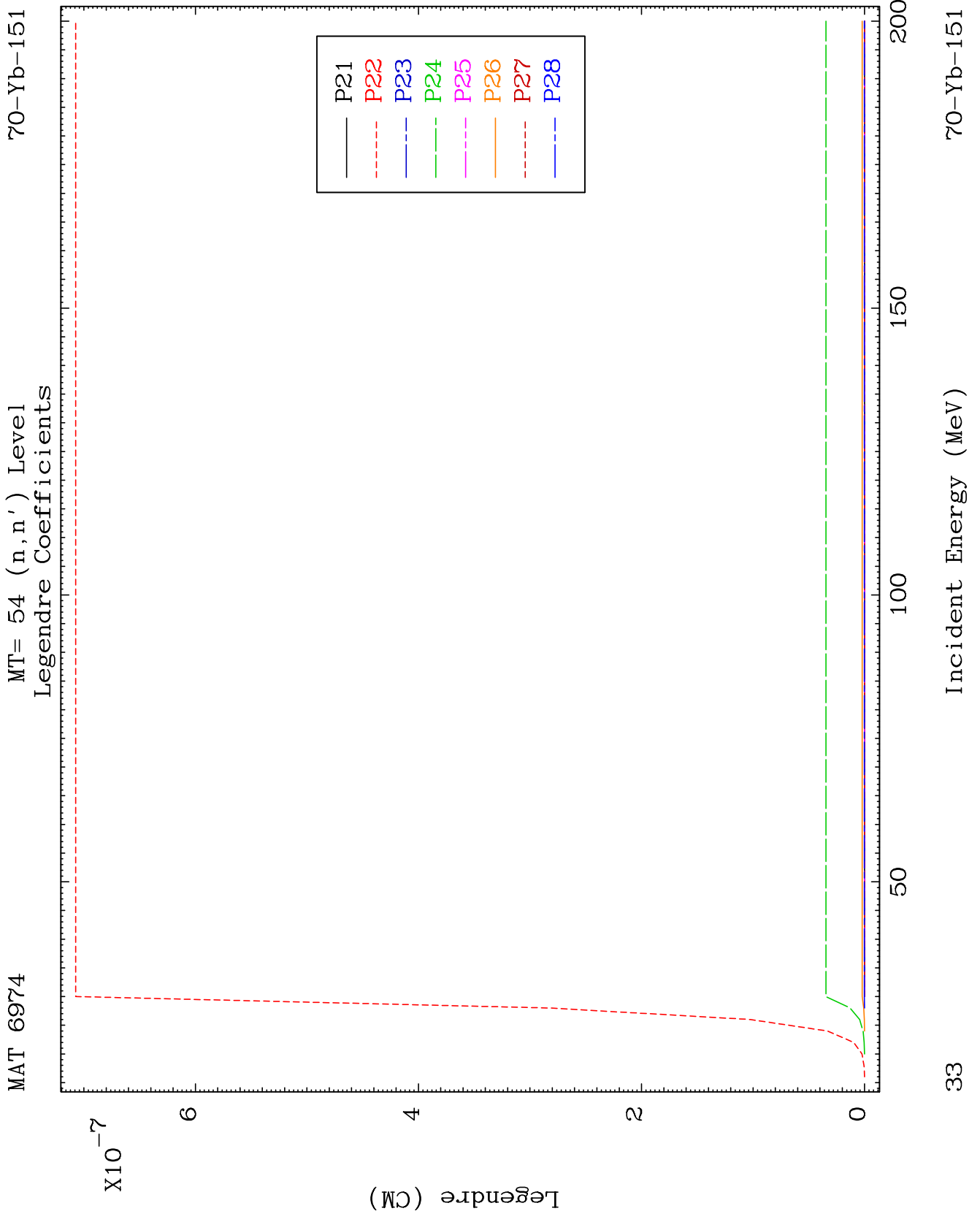
MAT 6974

MT= 54 (n,n') Level

70-Yb-151

Legendre Coefficients

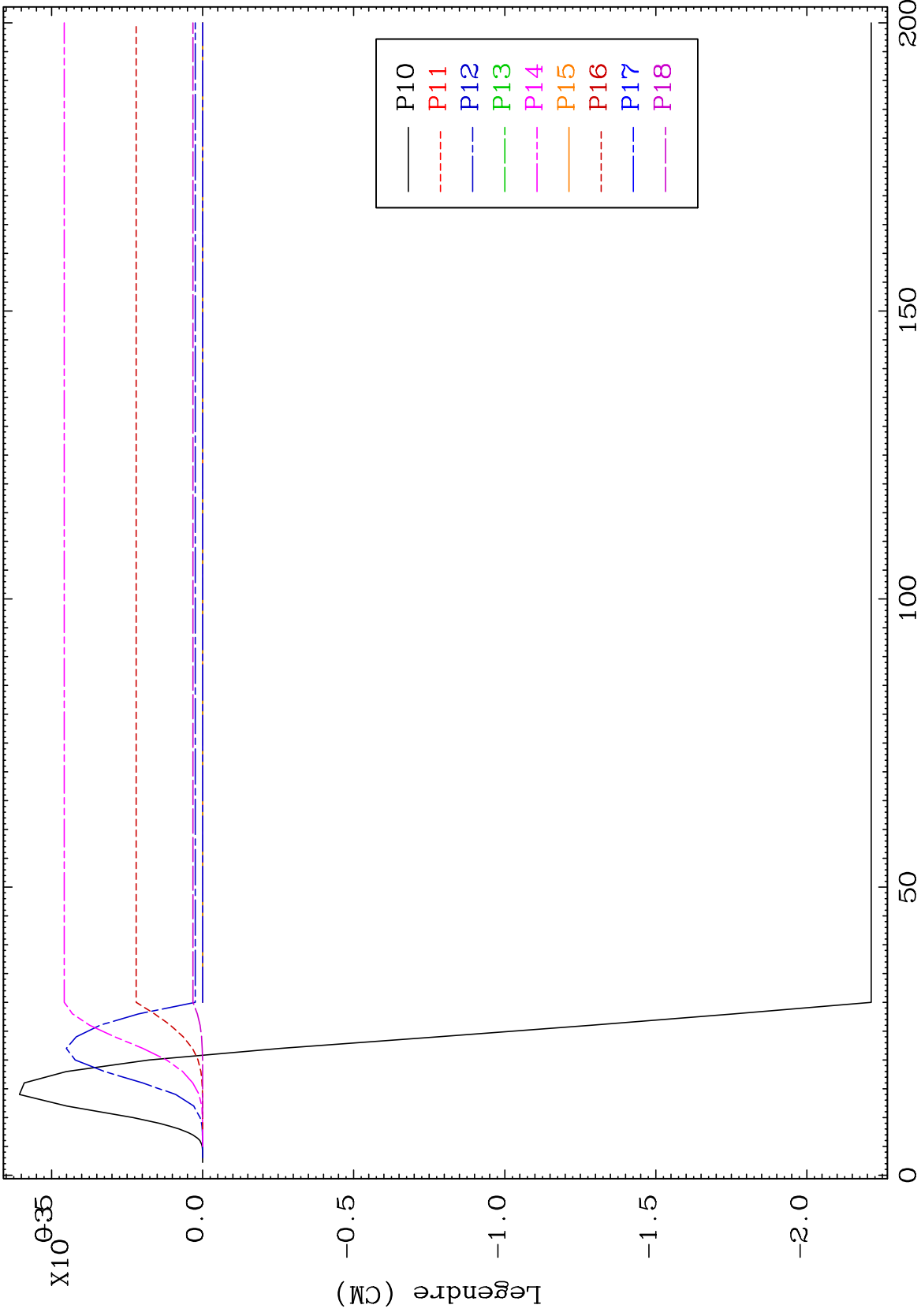




MAT 6974

MT= 55 (n,n') Level
Legendre Coefficients

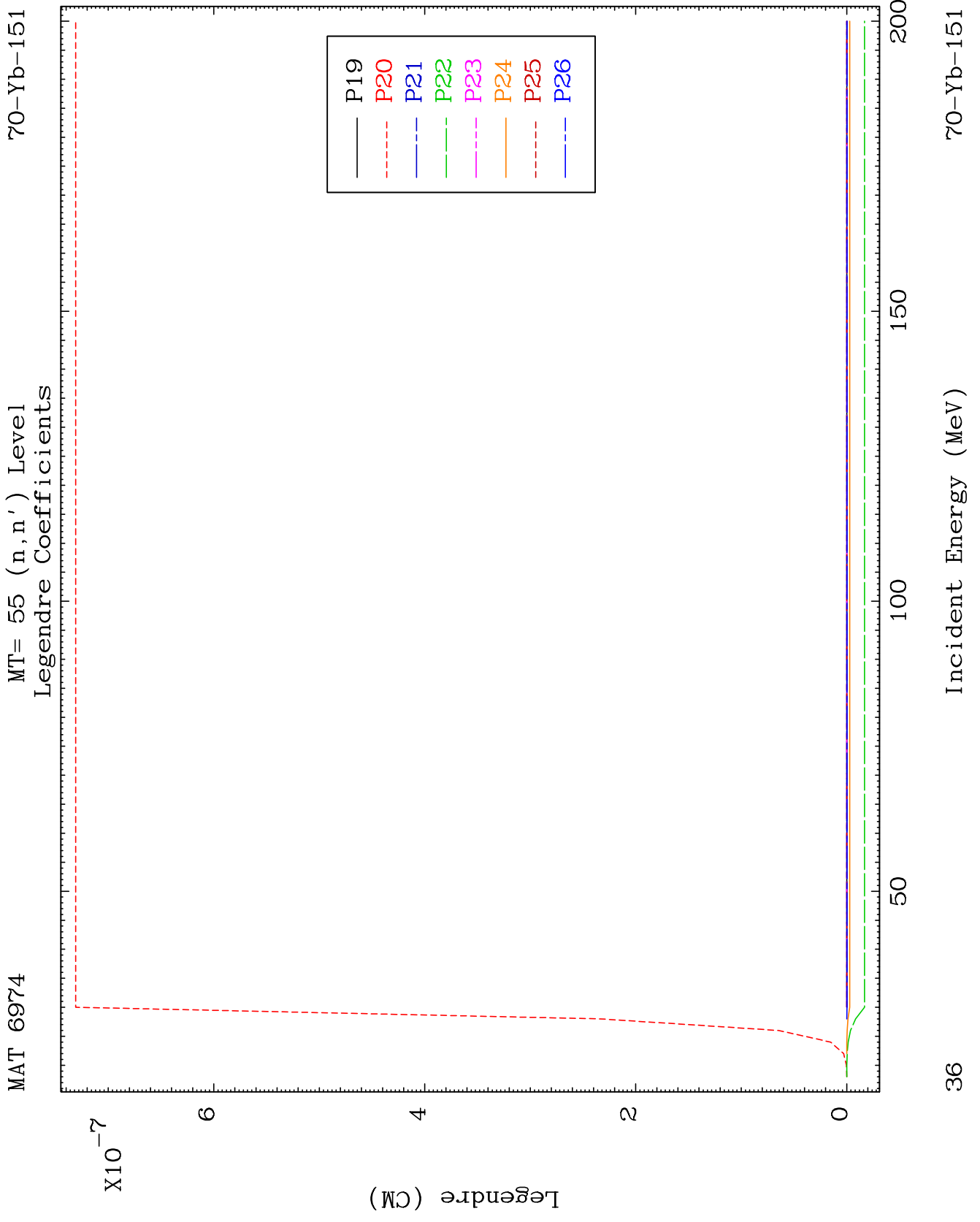
70-Yb-151



35

Incident Energy (MeV)

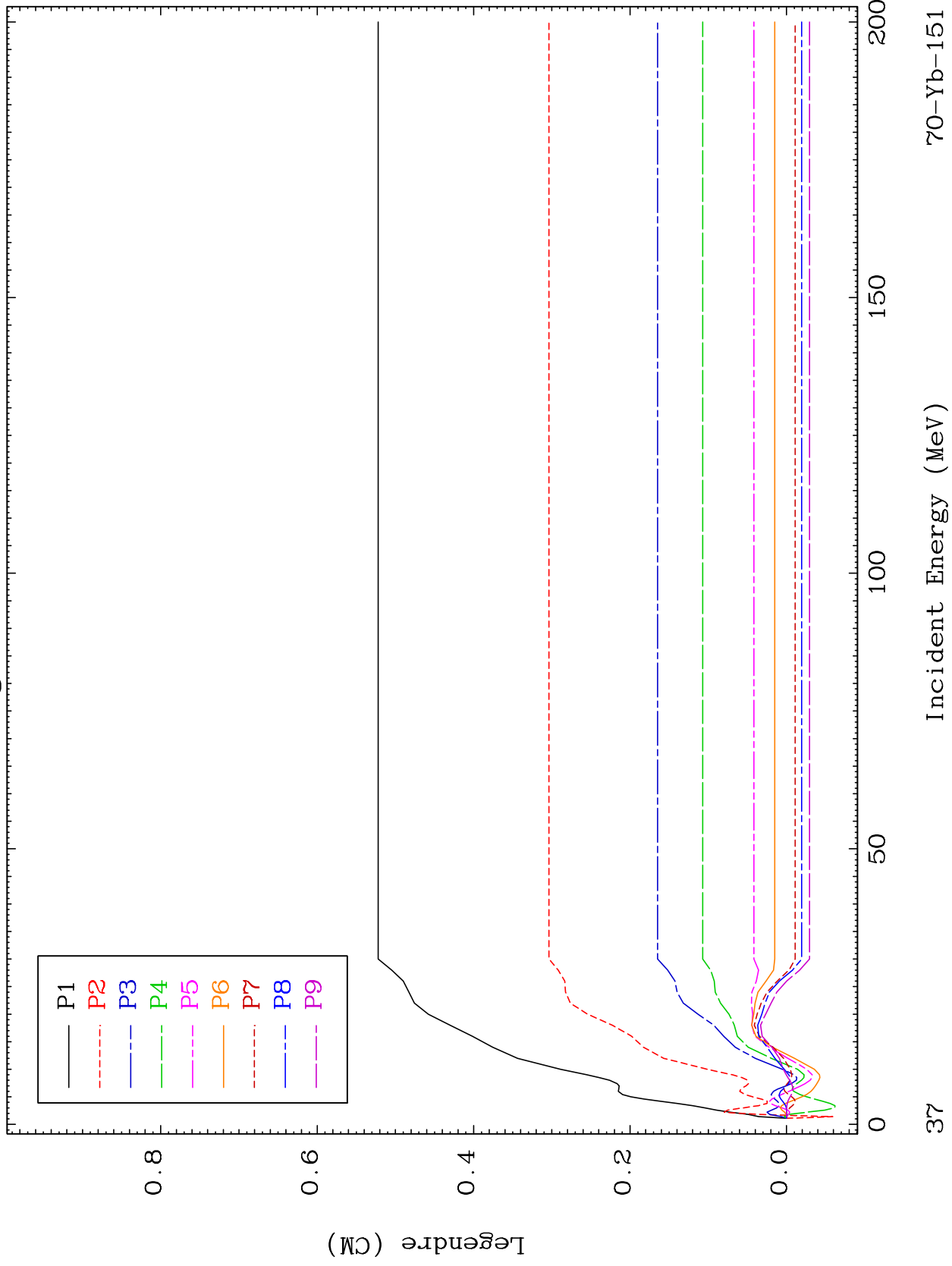
70-Yb-151



MAT 6974

MT= 56 (n,n') Level
Legendre Coefficients

70-Yb-151



37

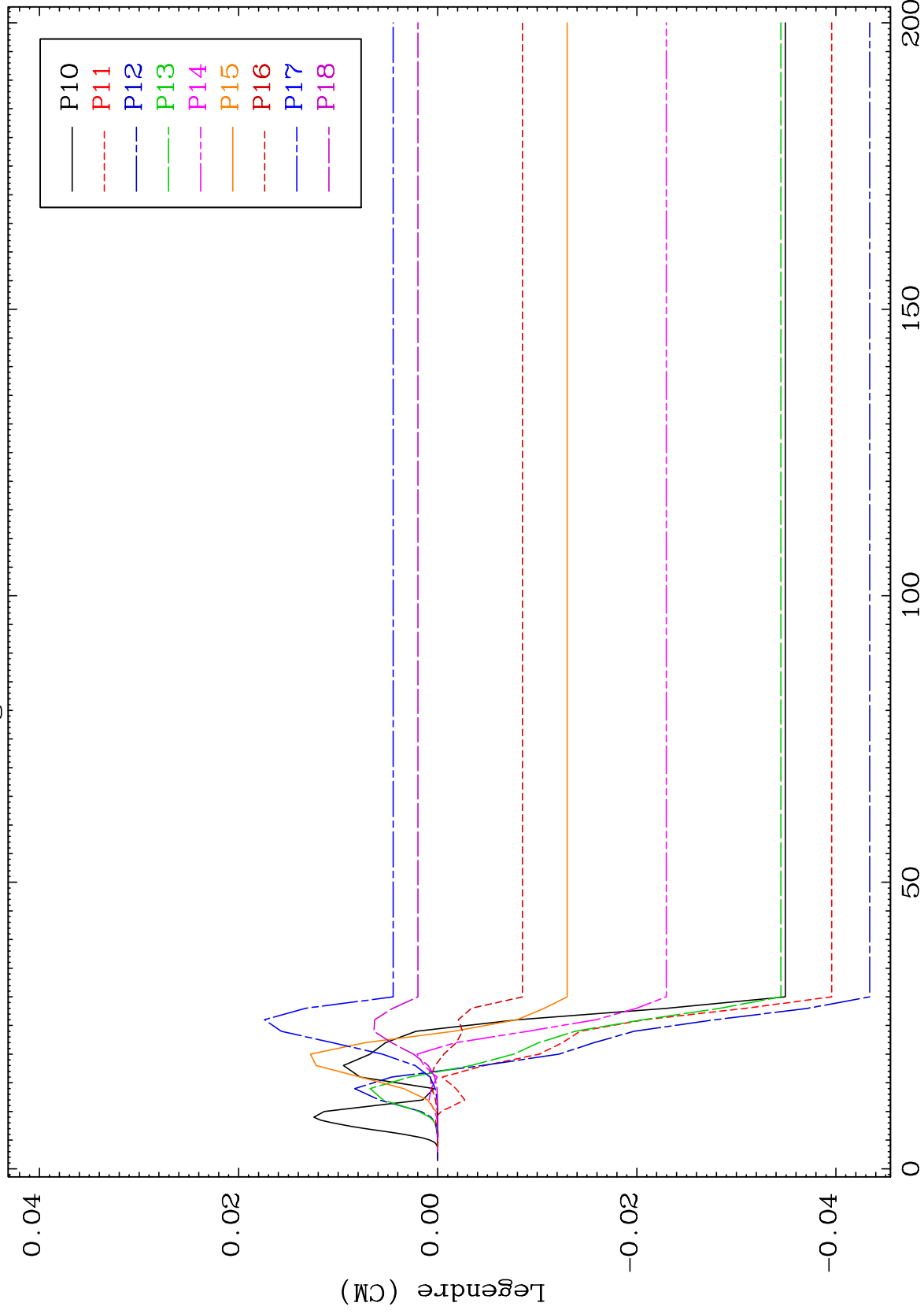
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 56 (n,n') Level
Legendre Coefficients

70-Yb-151



38

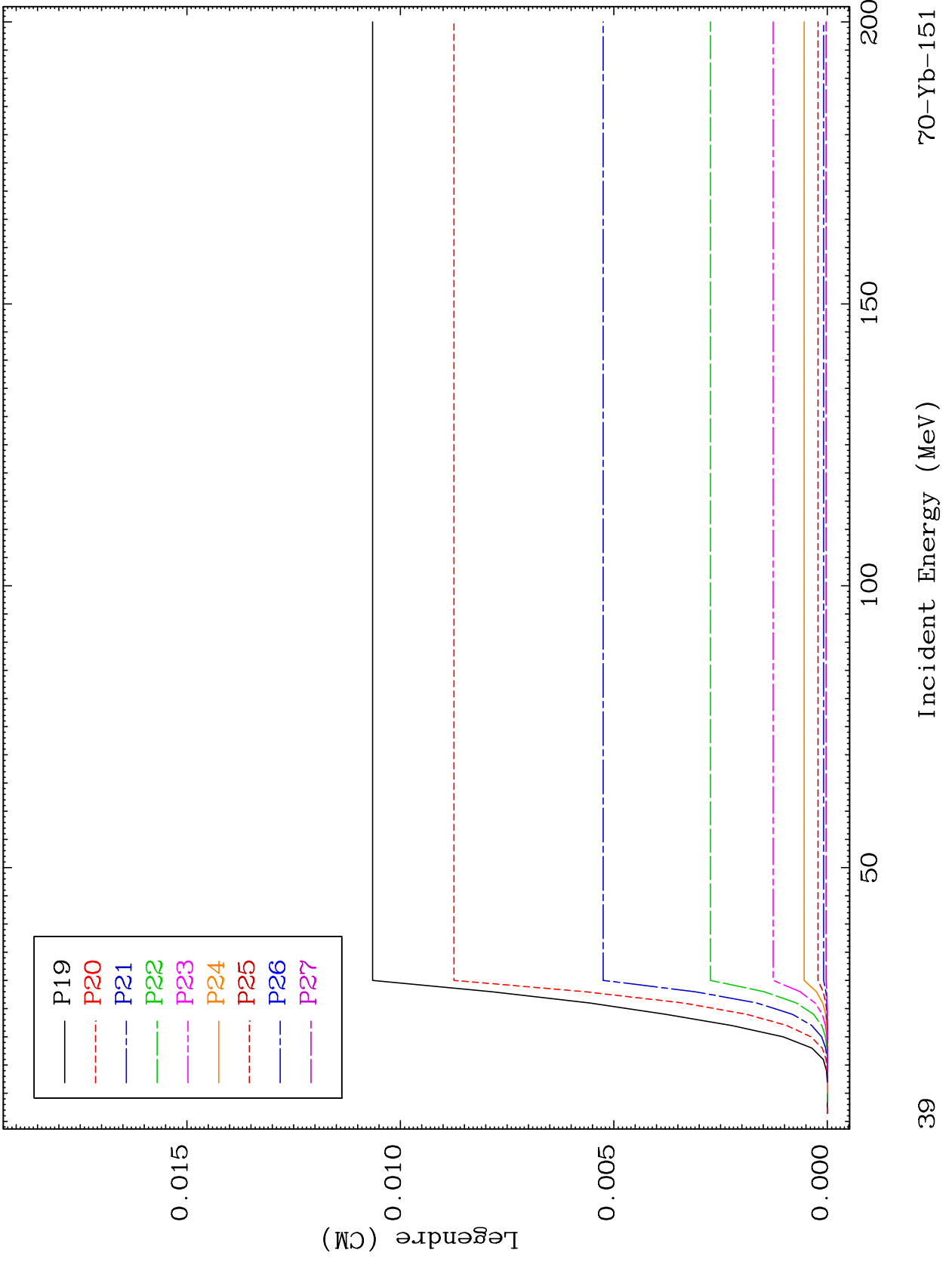
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 56 (n,n') Level
Legendre Coefficients

70-Yb-151



39

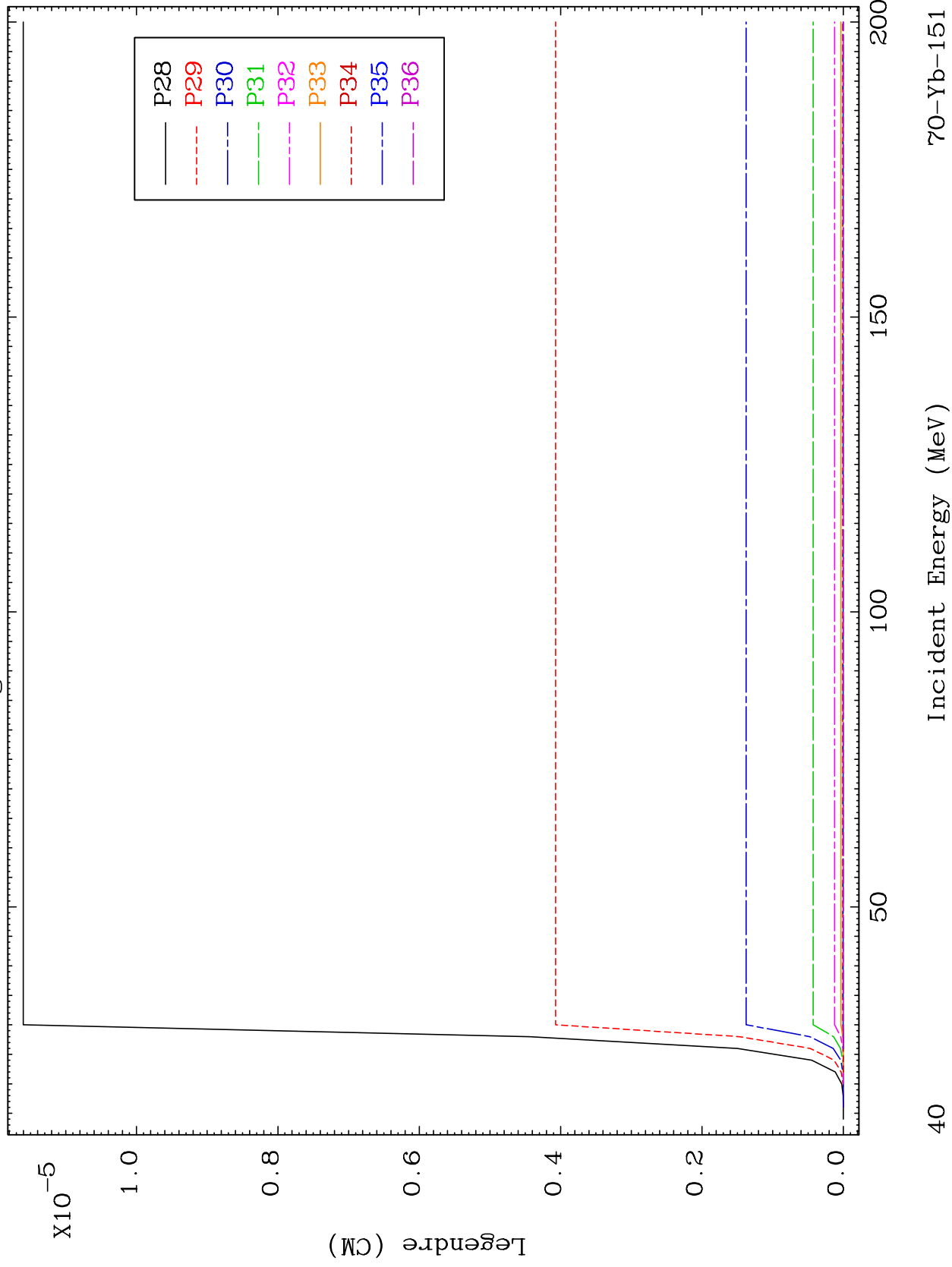
Incident Energy (MeV)

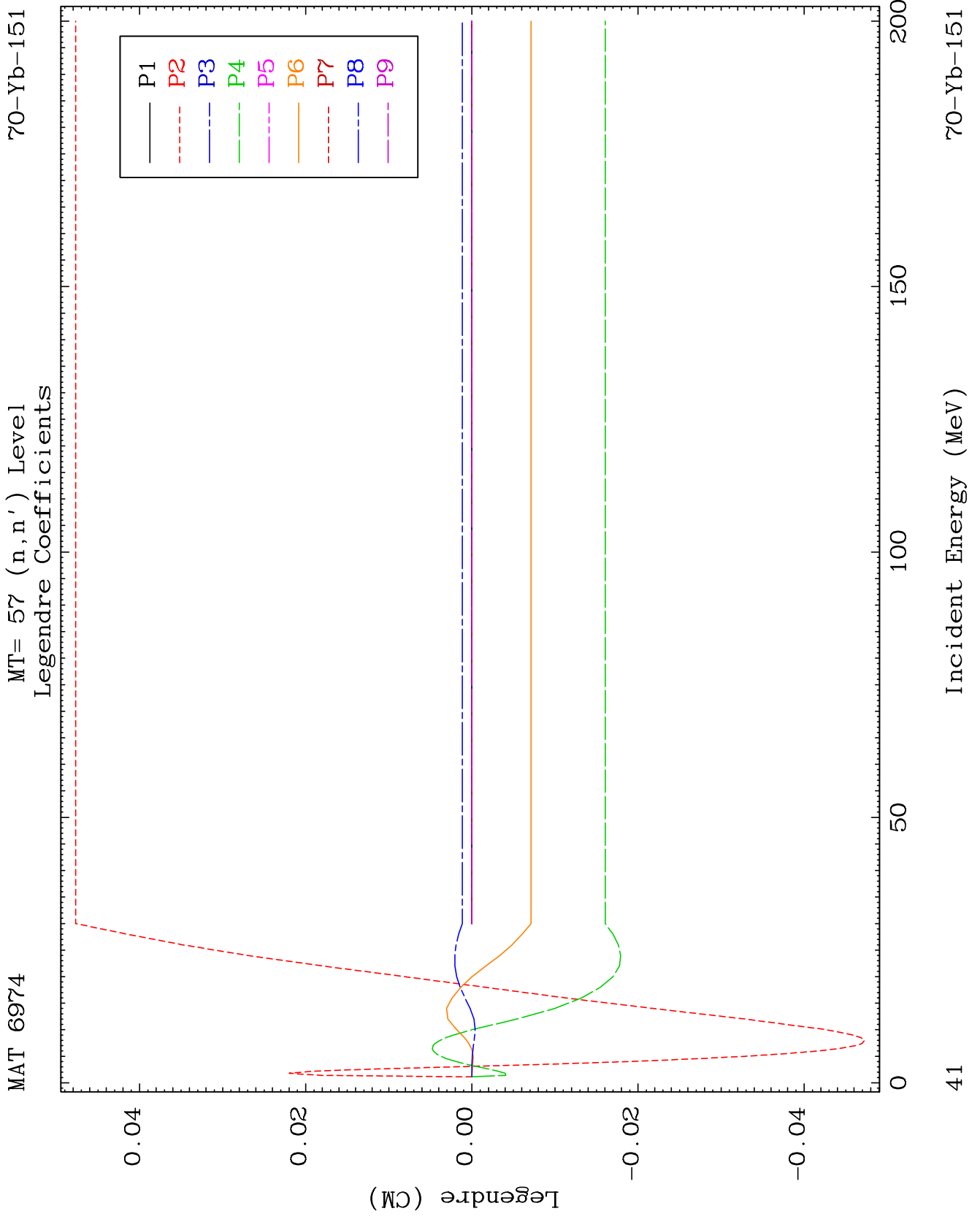
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MAT 6974

MT= 56 (n,n') Level
Legendre Coefficients

70-Yb-151

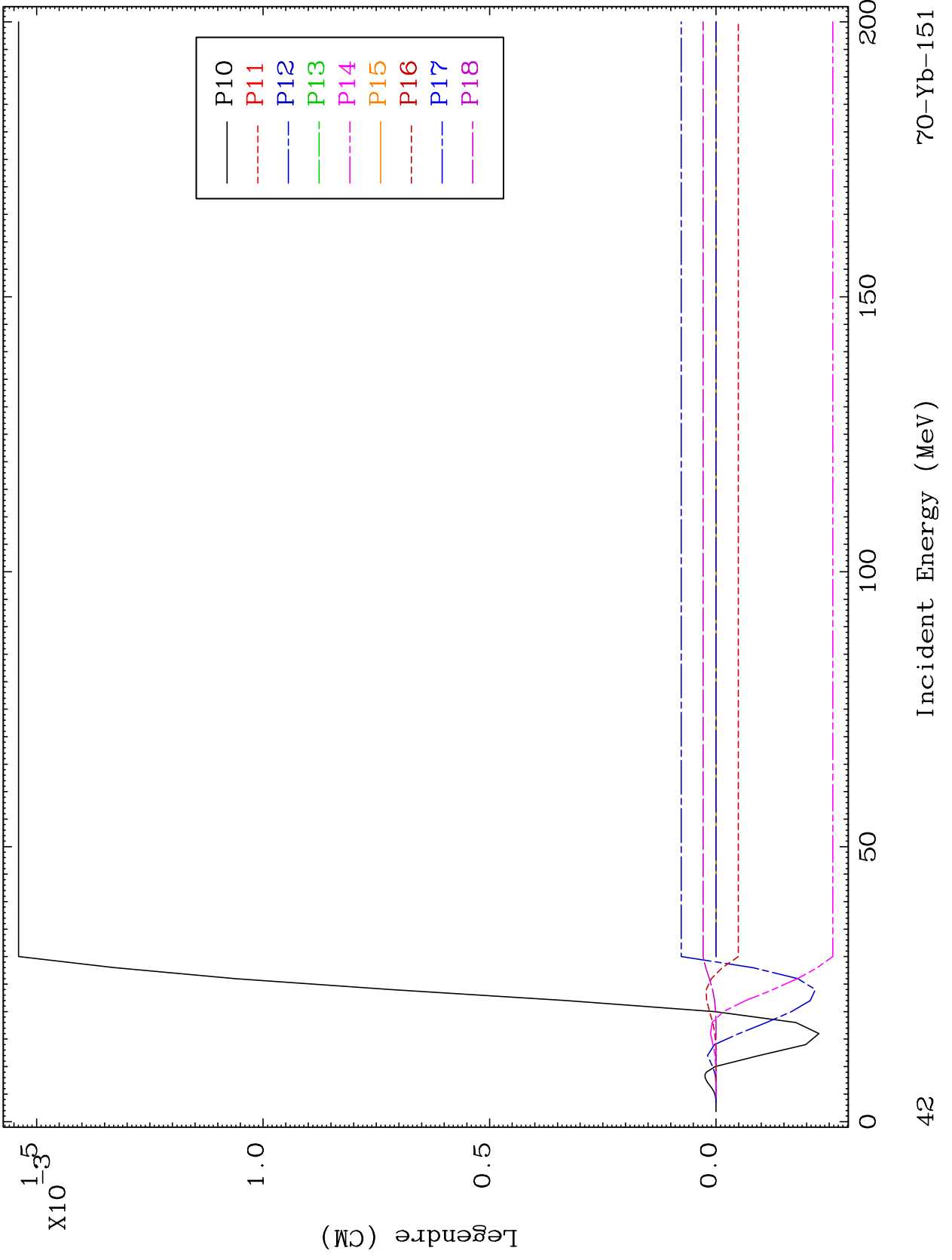




MAT 6974

MT= 57 (n,n') Level
Legendre Coefficients

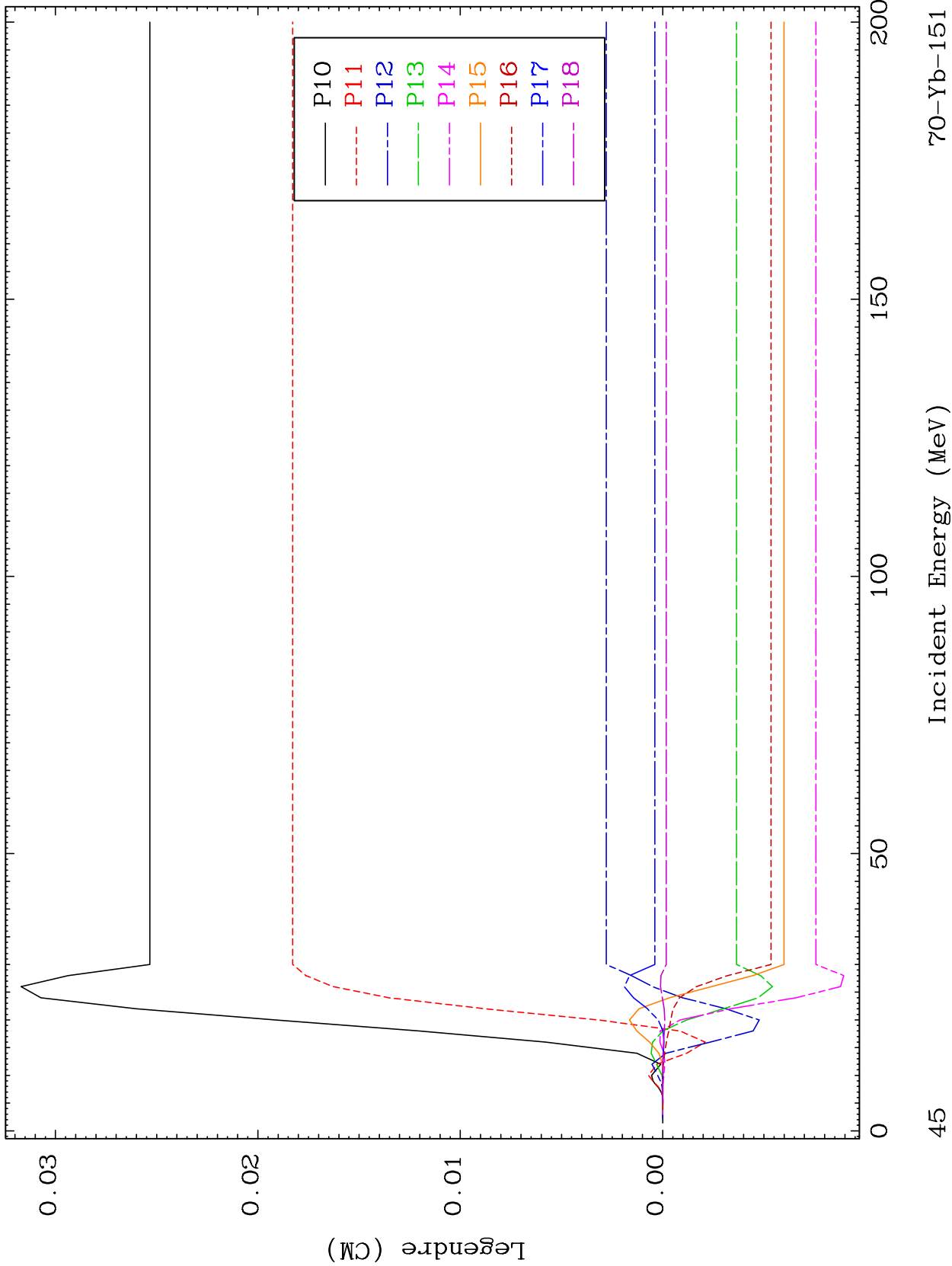
70-Yb-151



MAT 6974

MT= 58 (n,n') Level
Legendre Coefficients

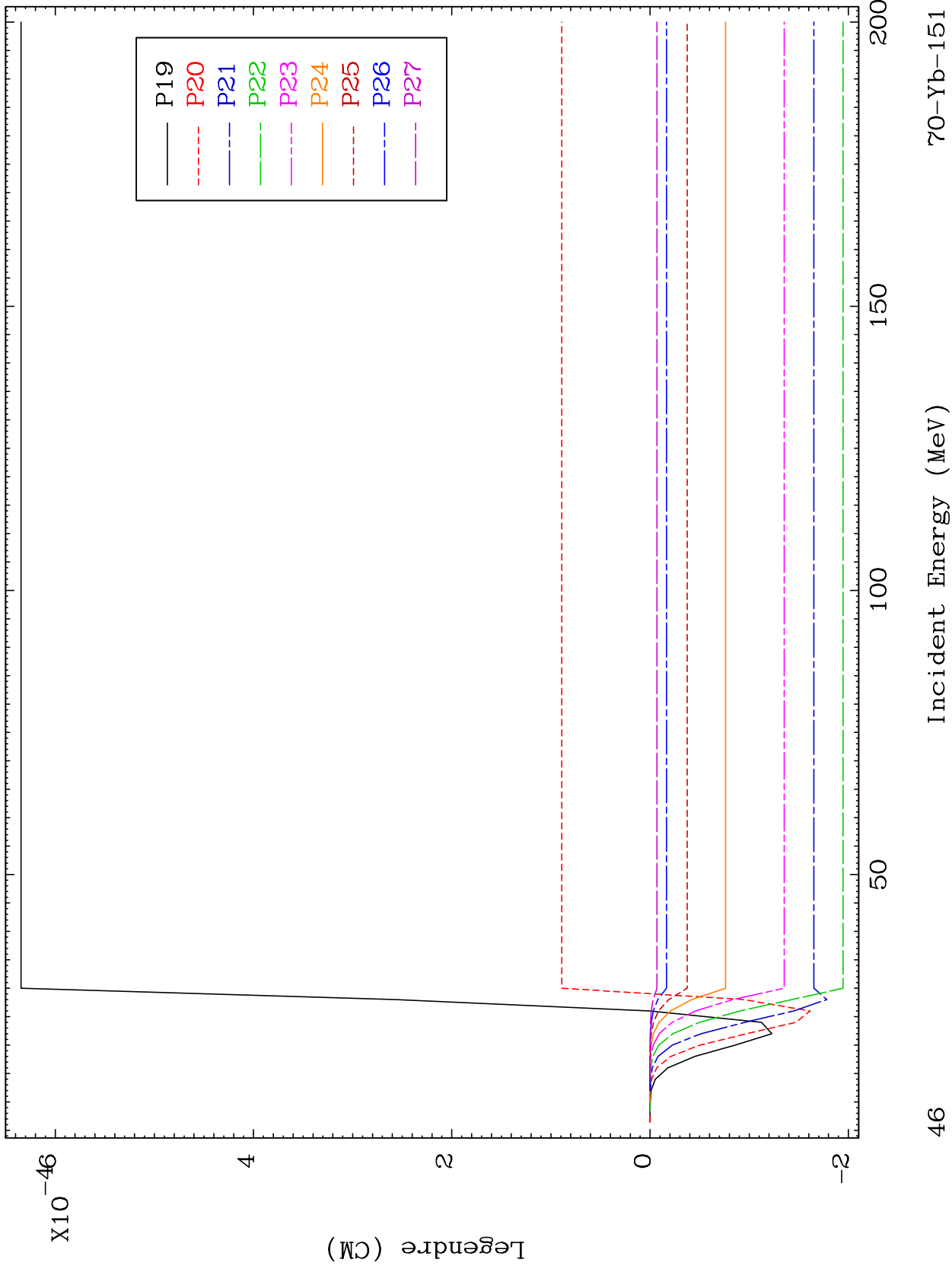
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MAT 6974

MT= 58 (n,n') Level
Legendre Coefficients

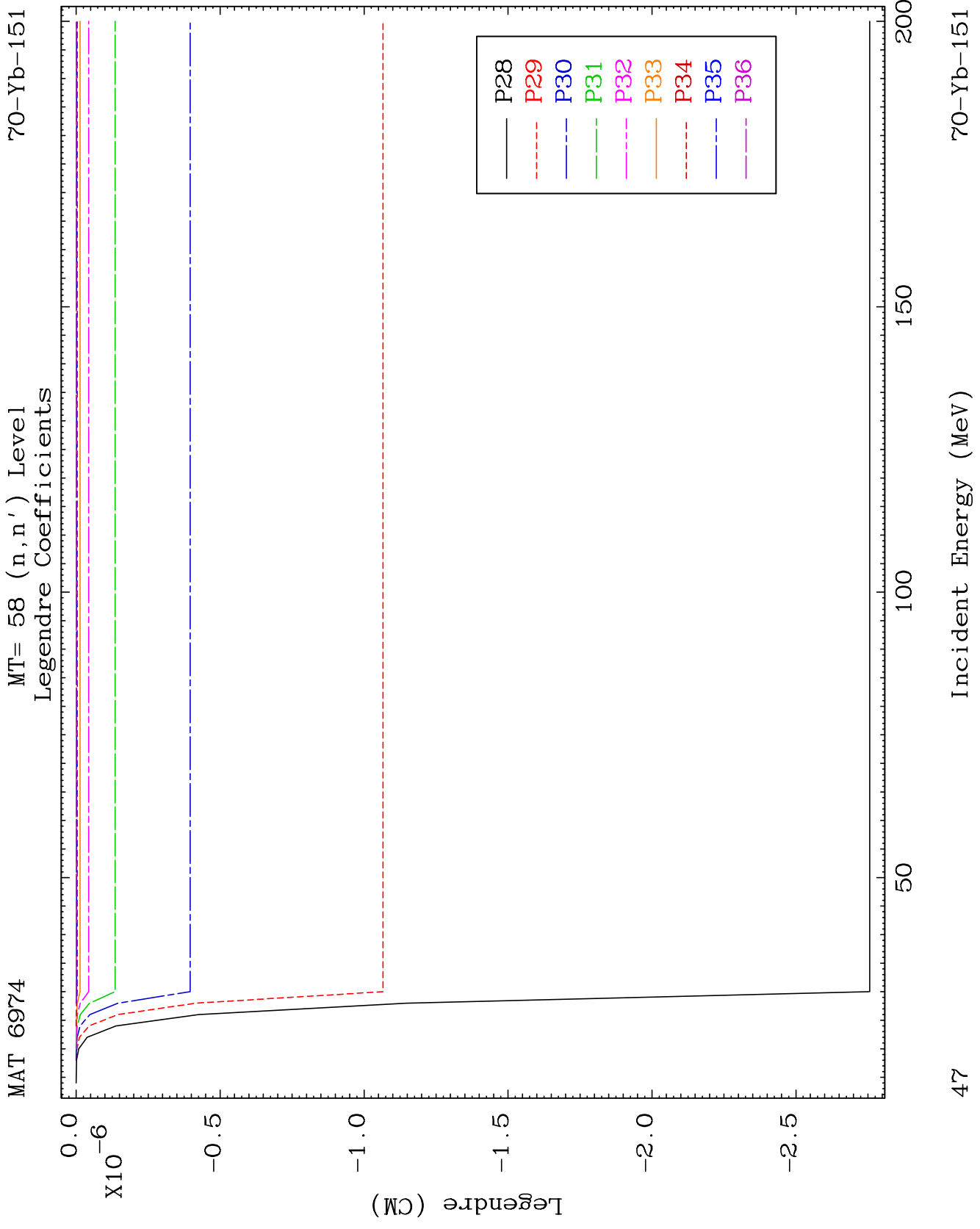
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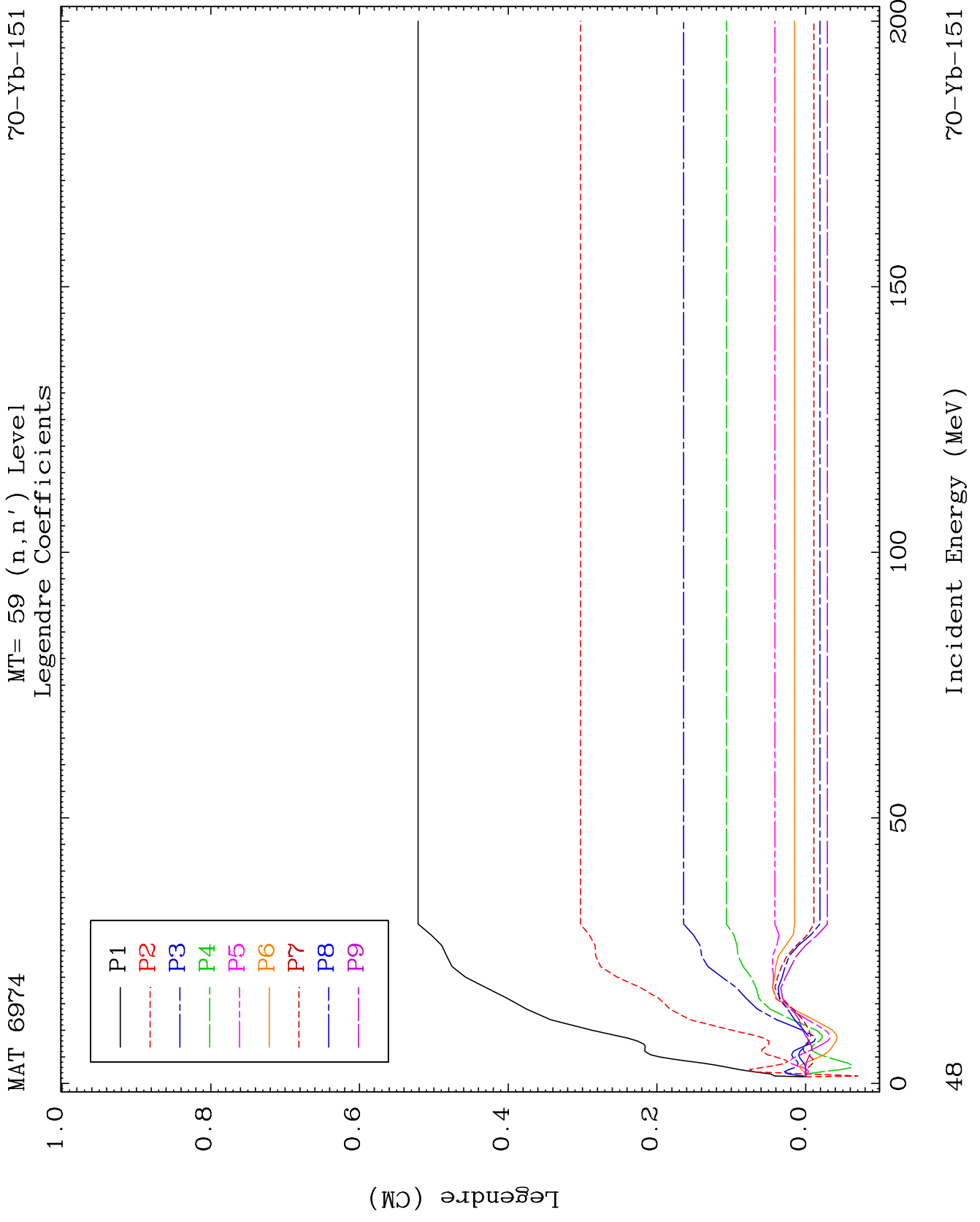


46

Incident Energy (MeV)

70-Yb-151

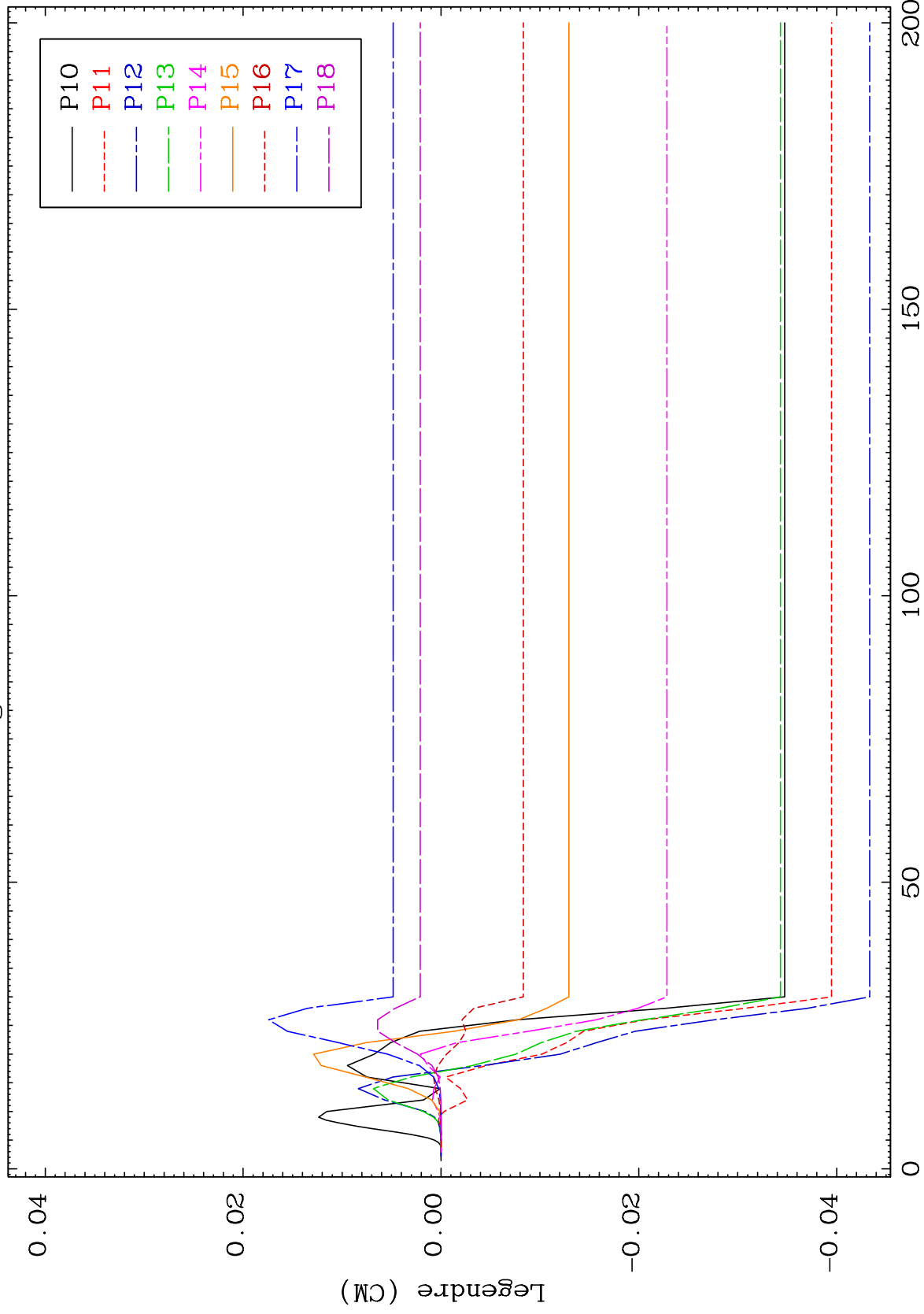




MAT 6974

MT= 59 (n,n') Level
Legendre Coefficients

70-Yb-151



49

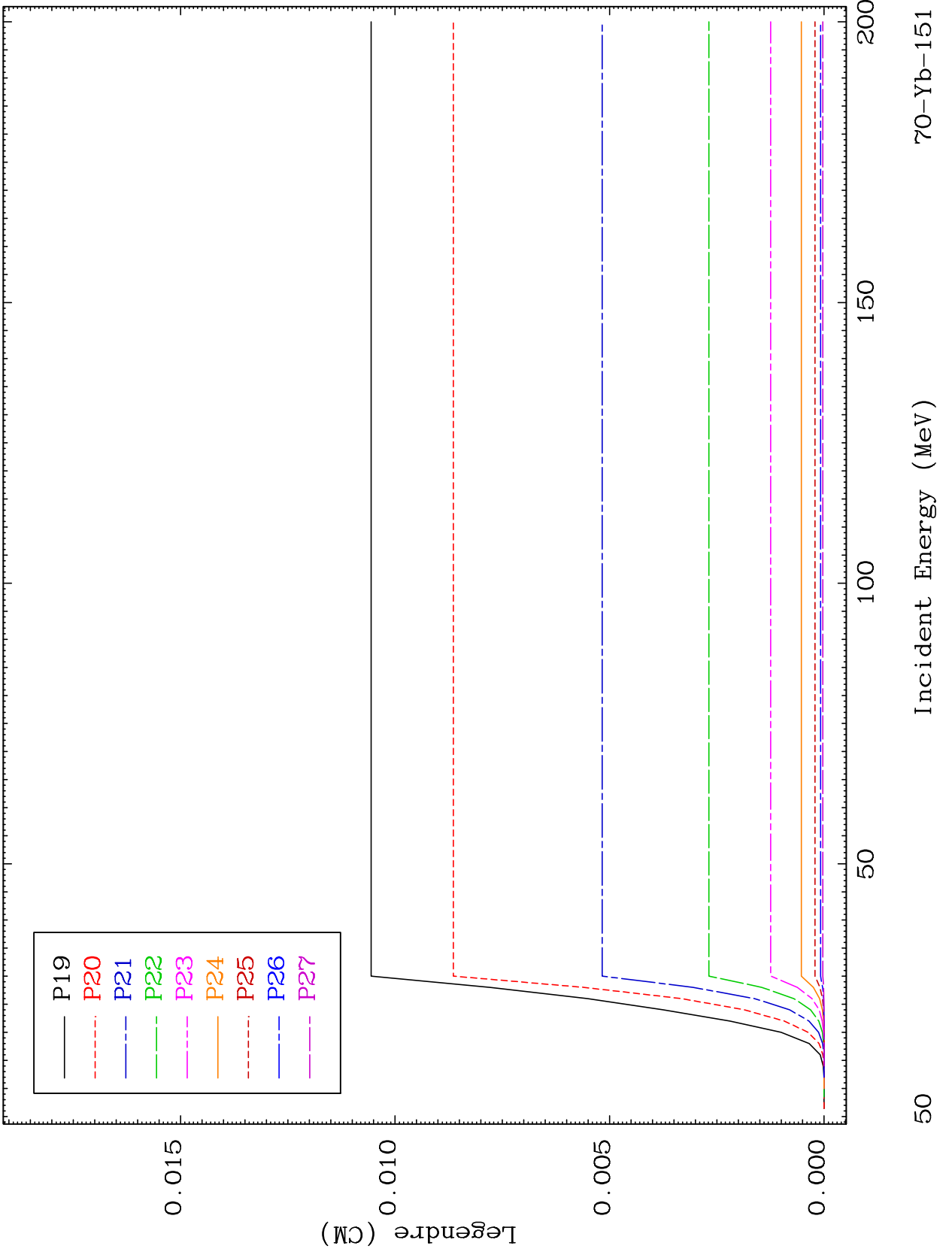
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 59 (n,n') Level
Legendre Coefficients

70-Yb-151



70-Yb-151

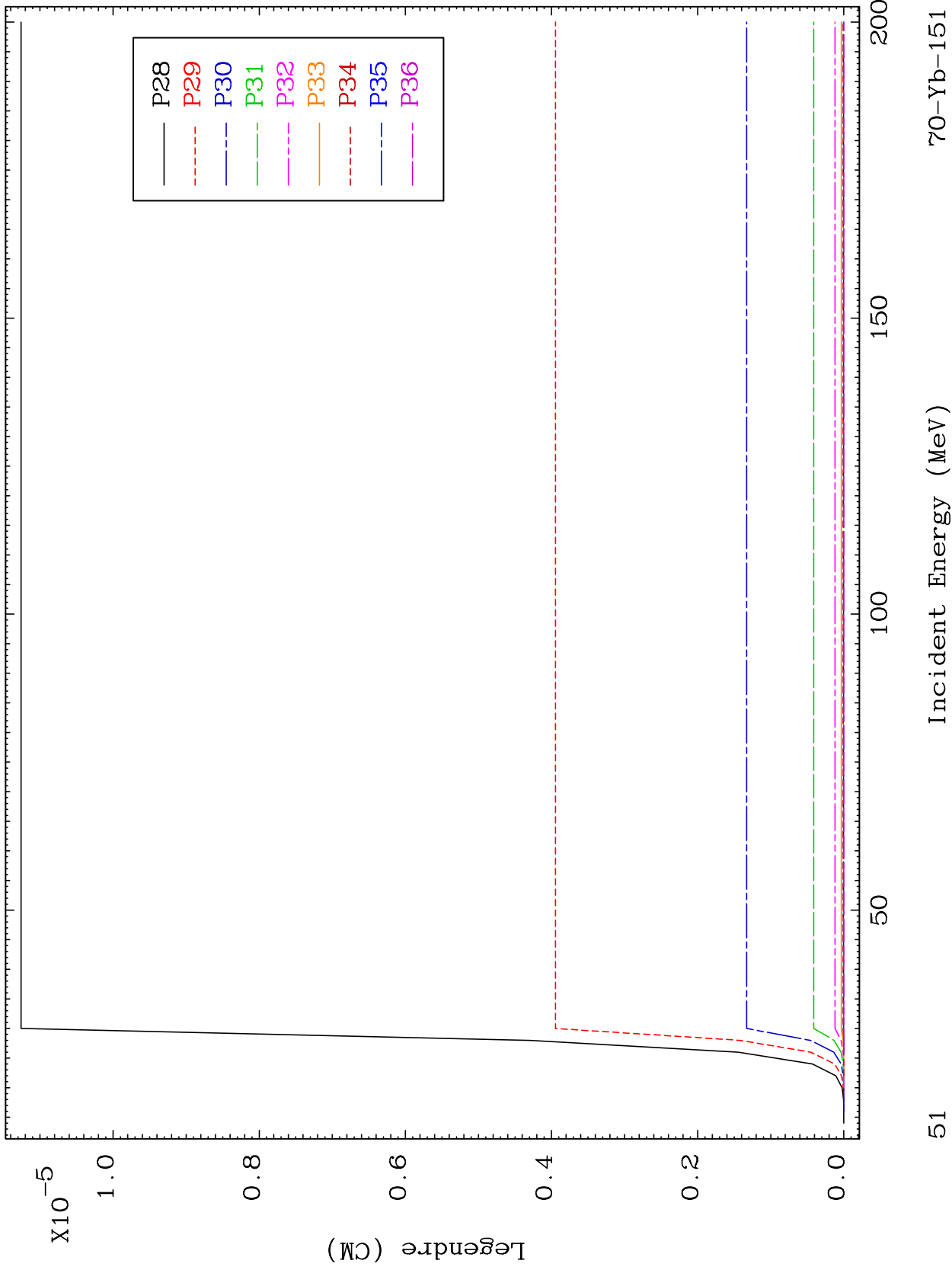
Incident Energy (MeV)

50

MAT 6974

MT= 59 (n,n') Level
Legendre Coefficients

70-Yb-151



51

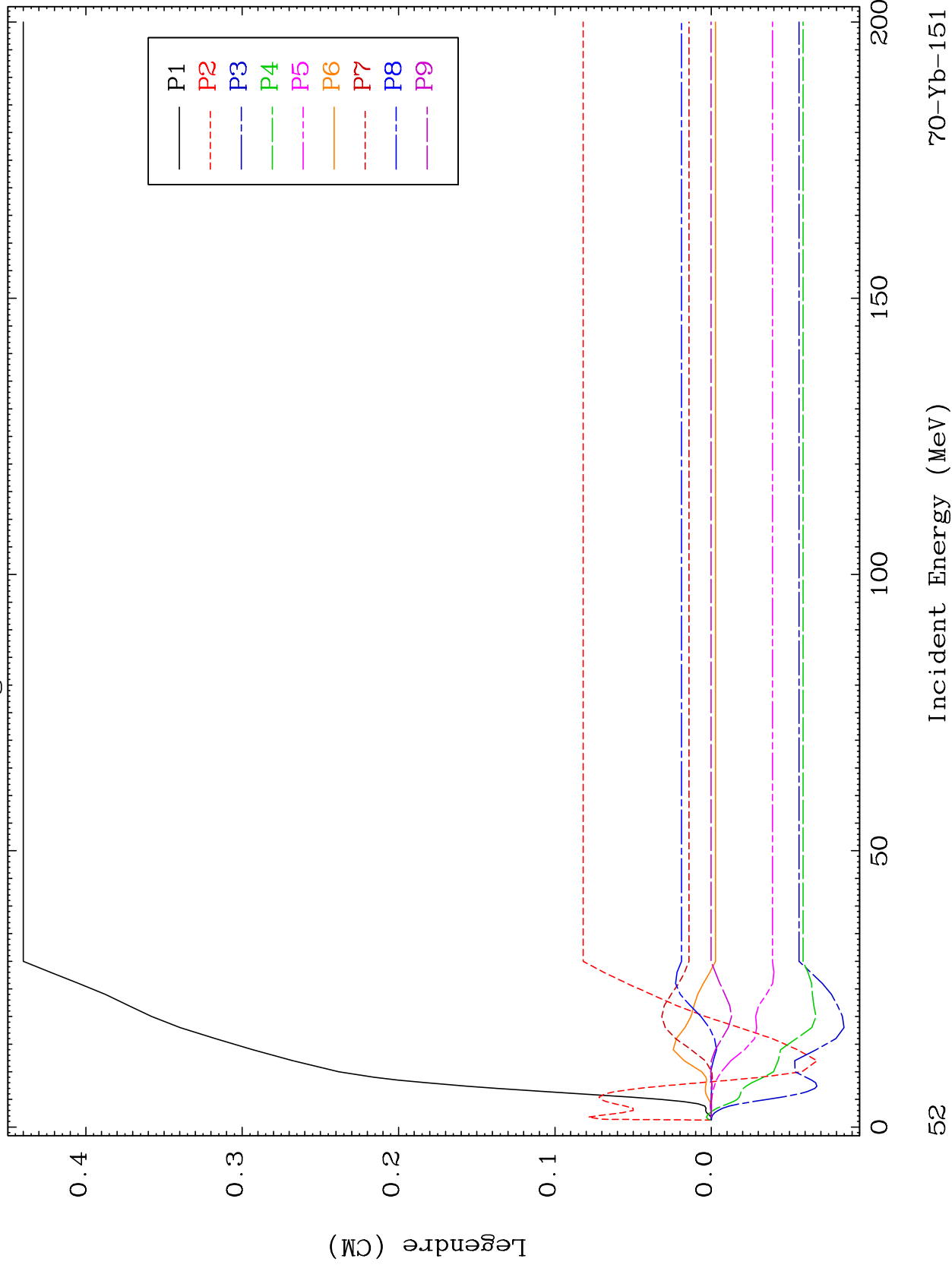
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 60 (n,n') Level
Legendre Coefficients

70-Yb-151



70-Yb-151

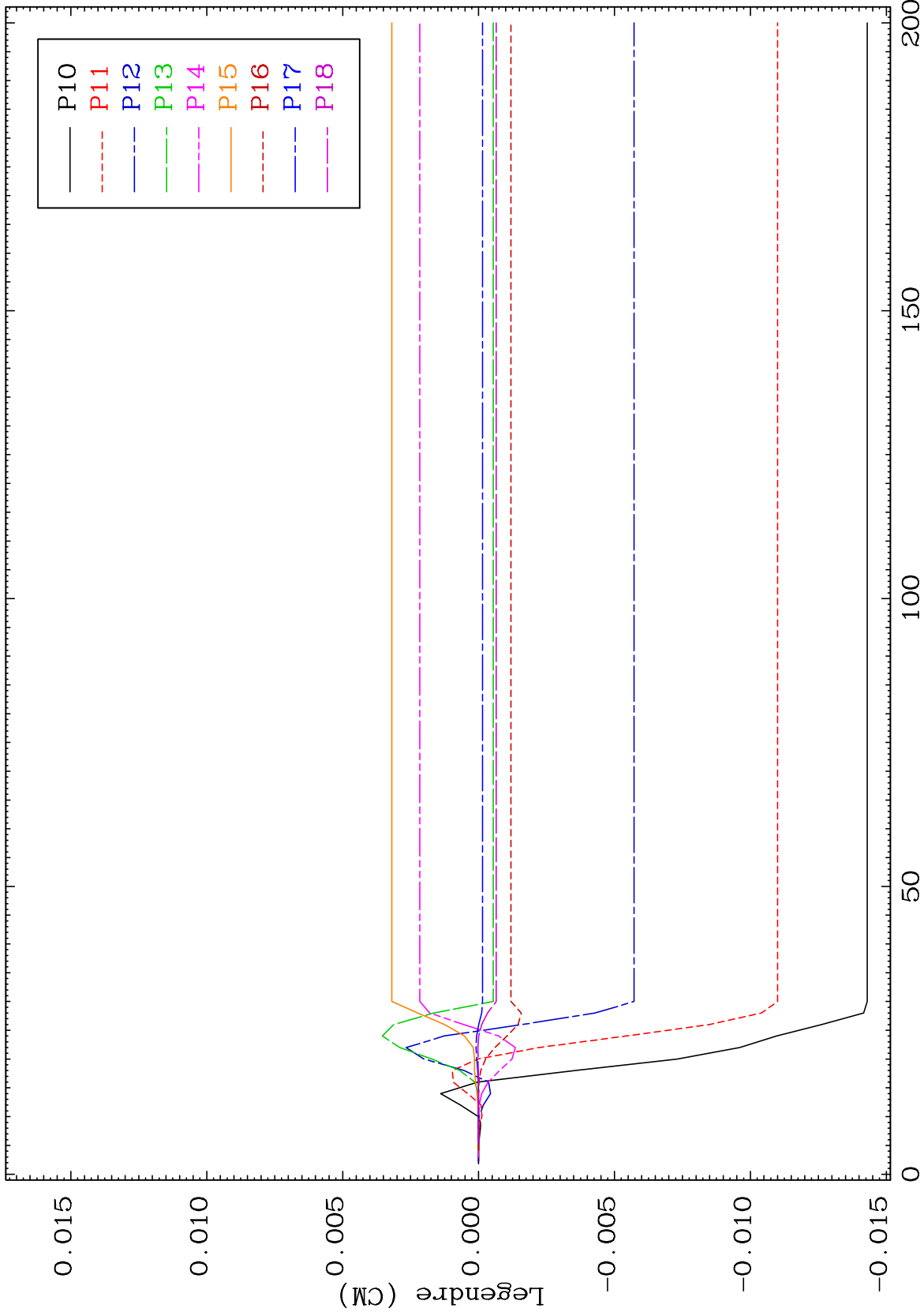
Incident Energy (MeV)

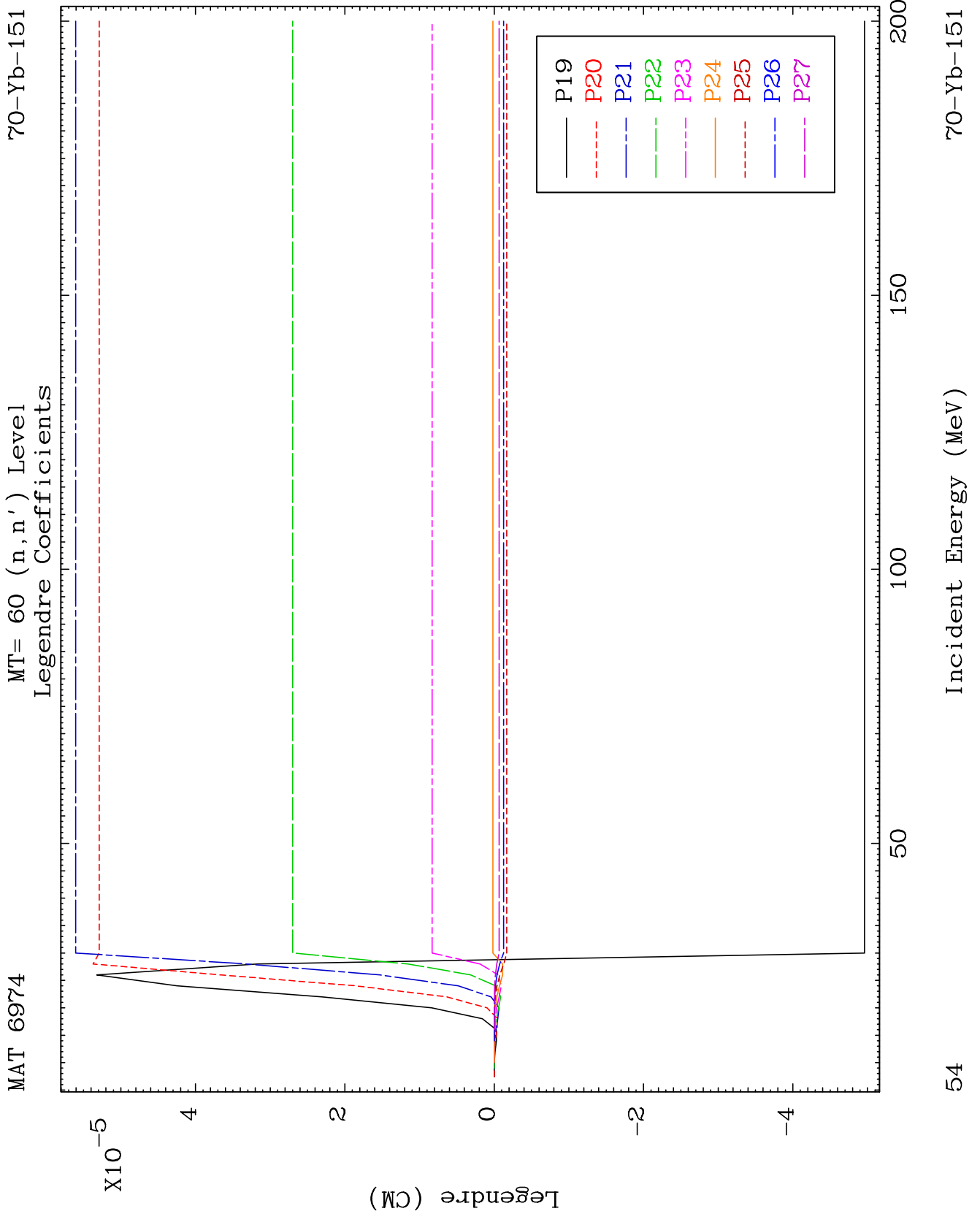
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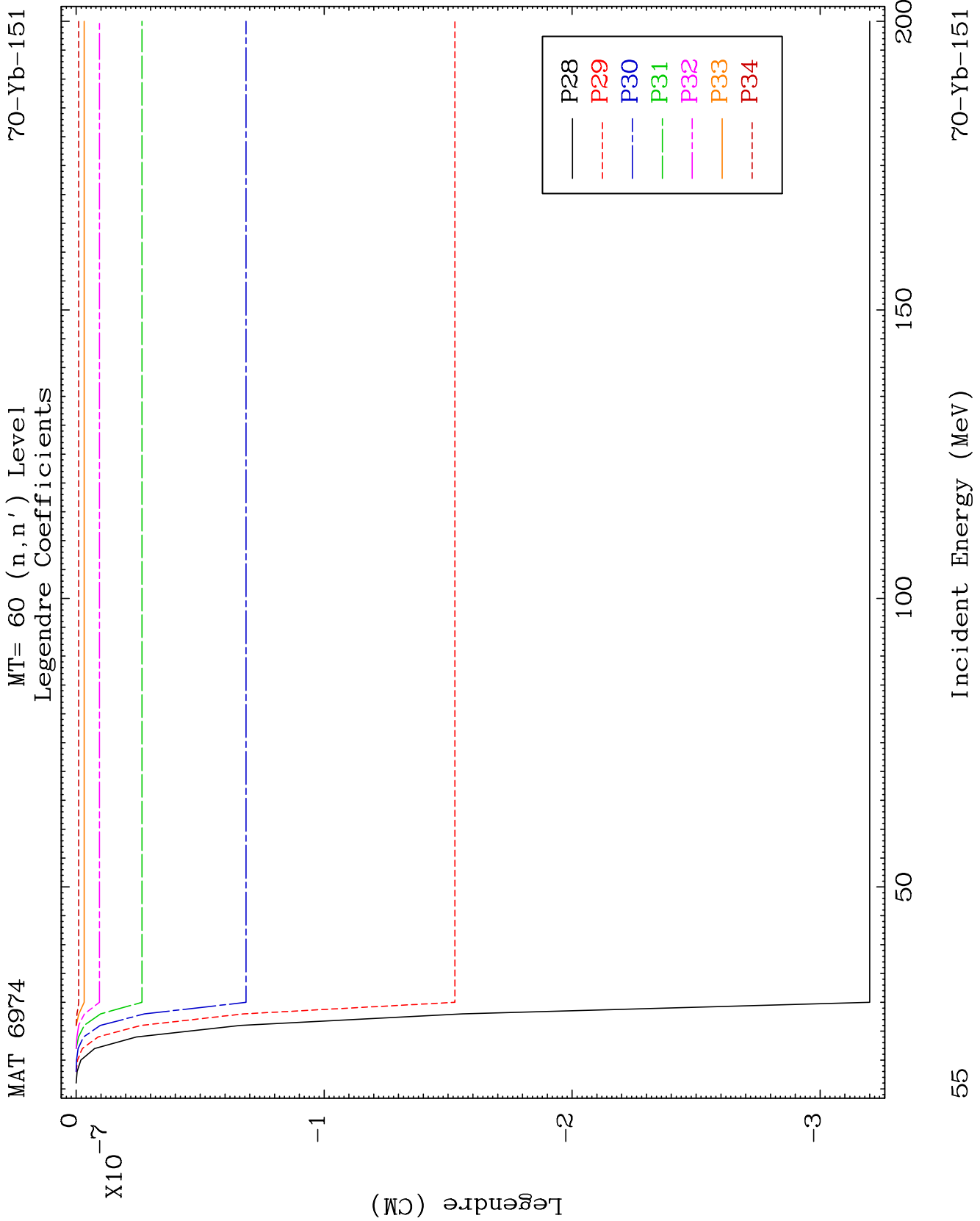
MAT 6974

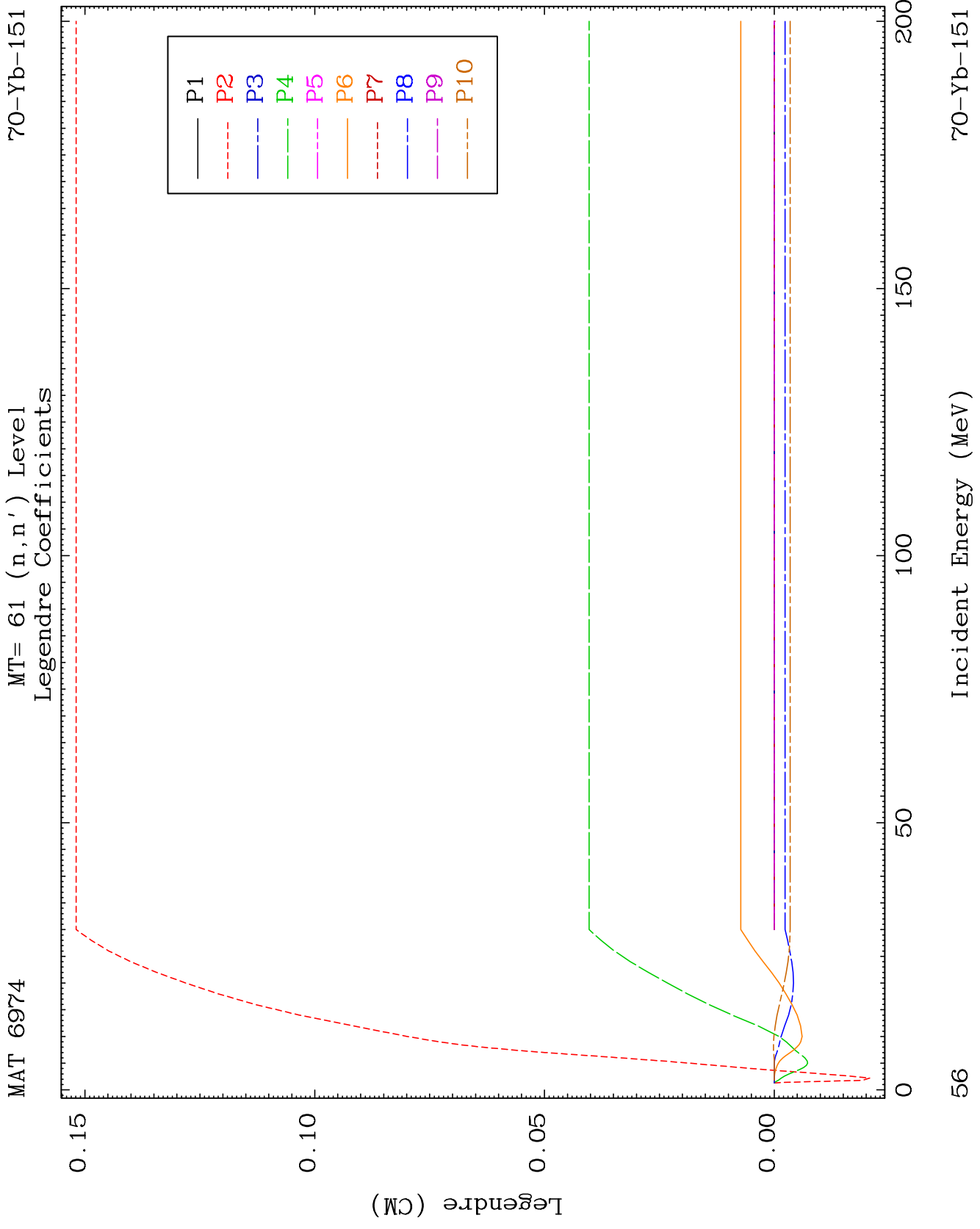
MT= 60 (n,n') Level
Legendre Coefficients

70-Yb-151





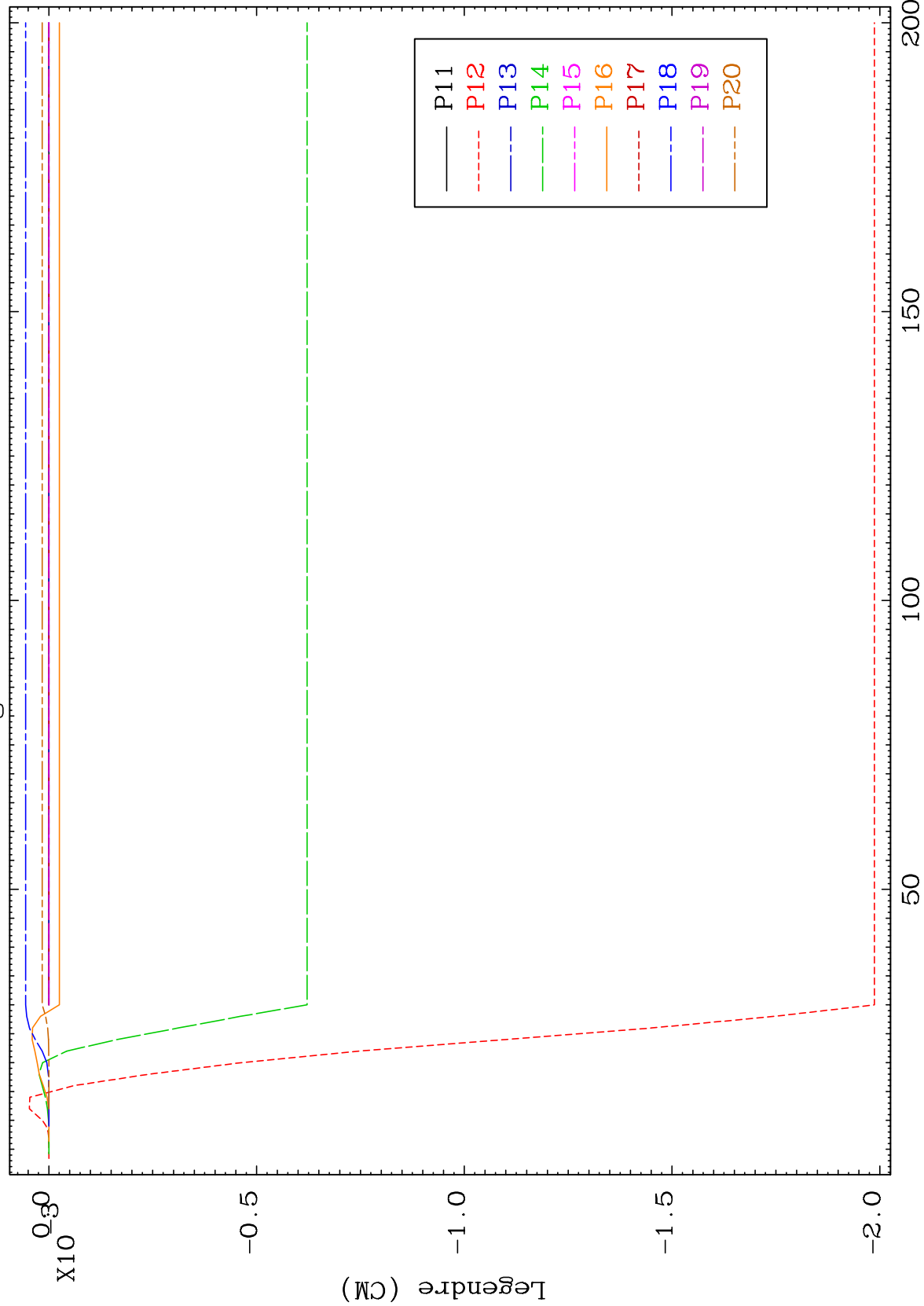


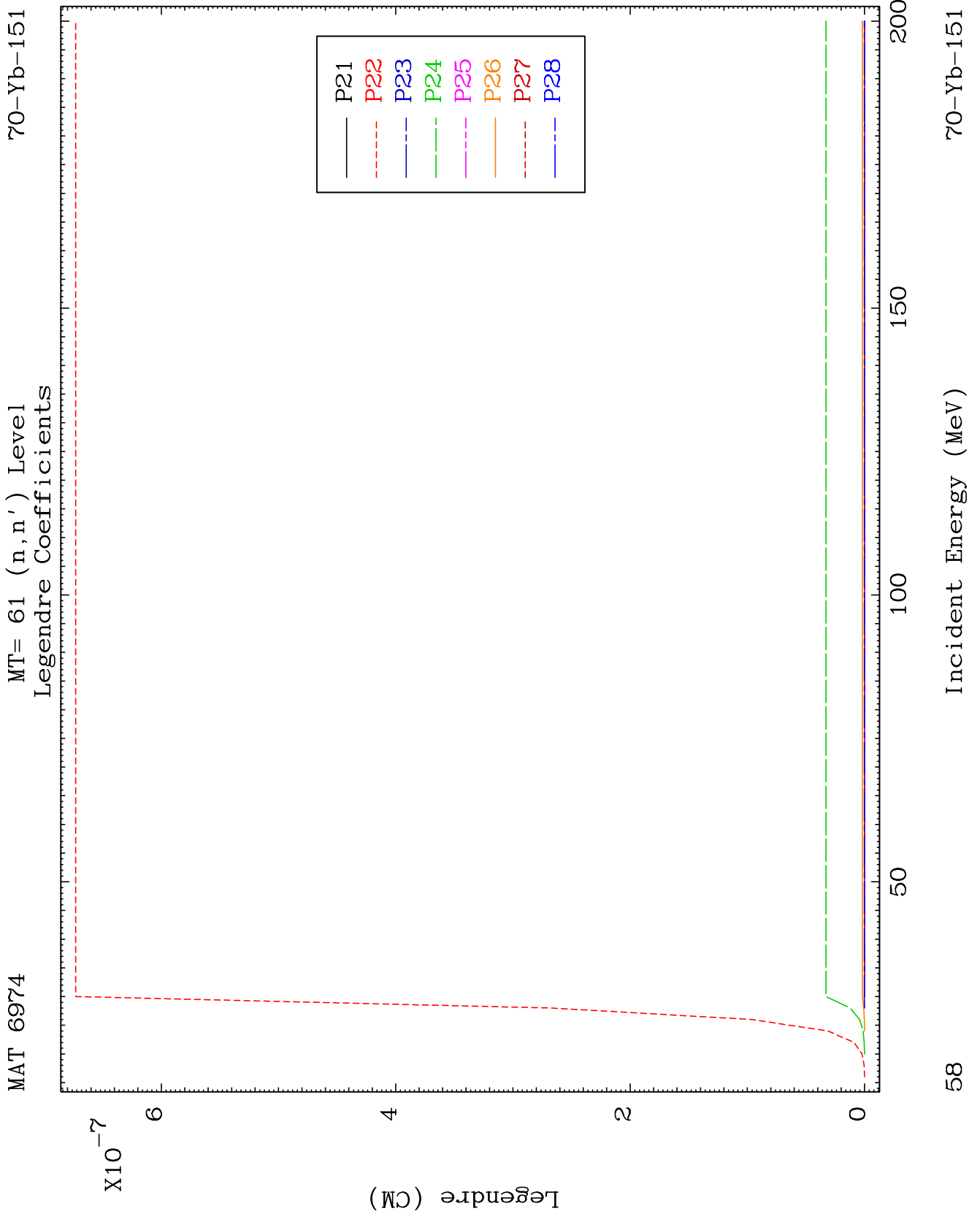


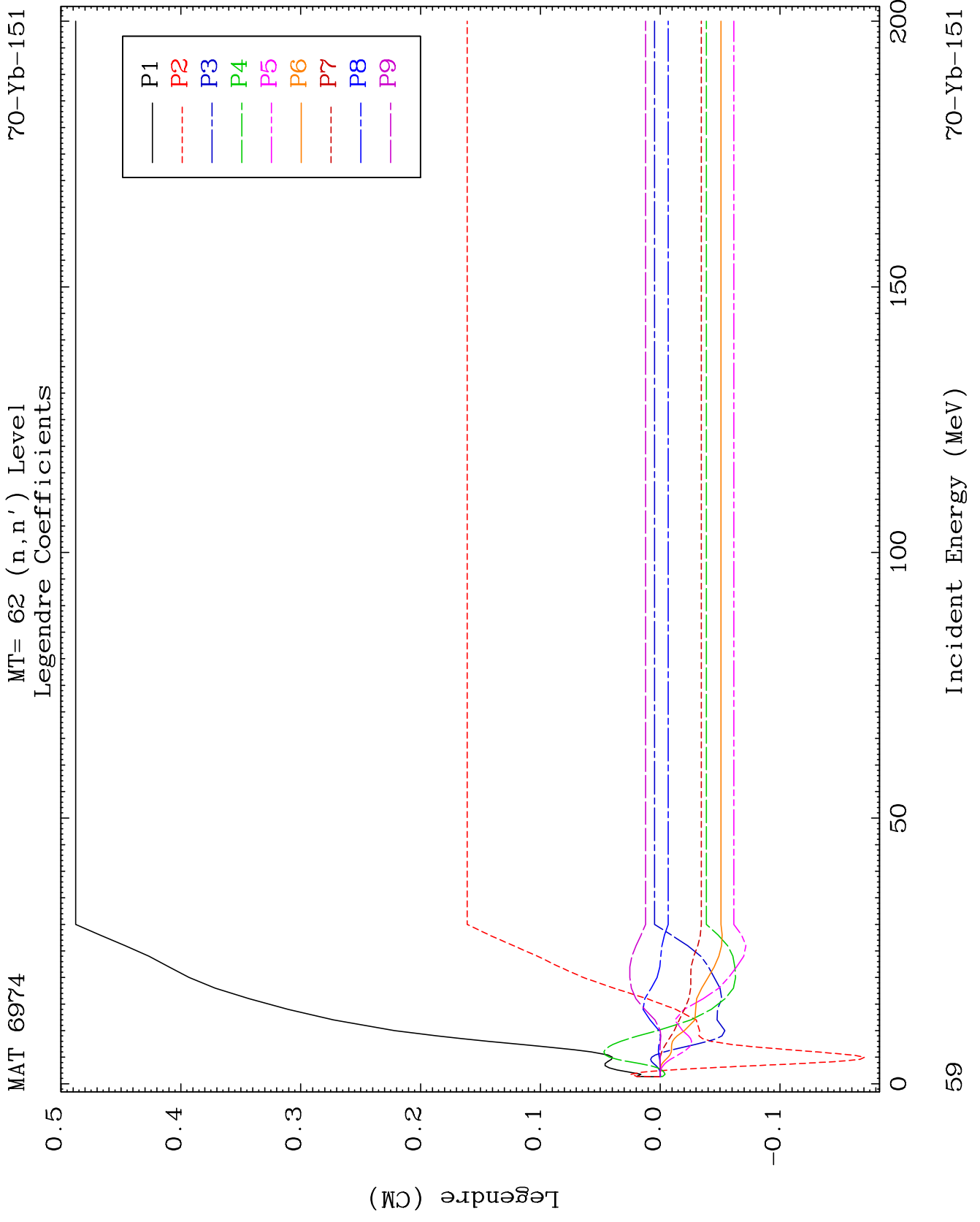
MAT 6974

MT= 61 (n,n') Level
Legendre Coefficients

70-Yb-151



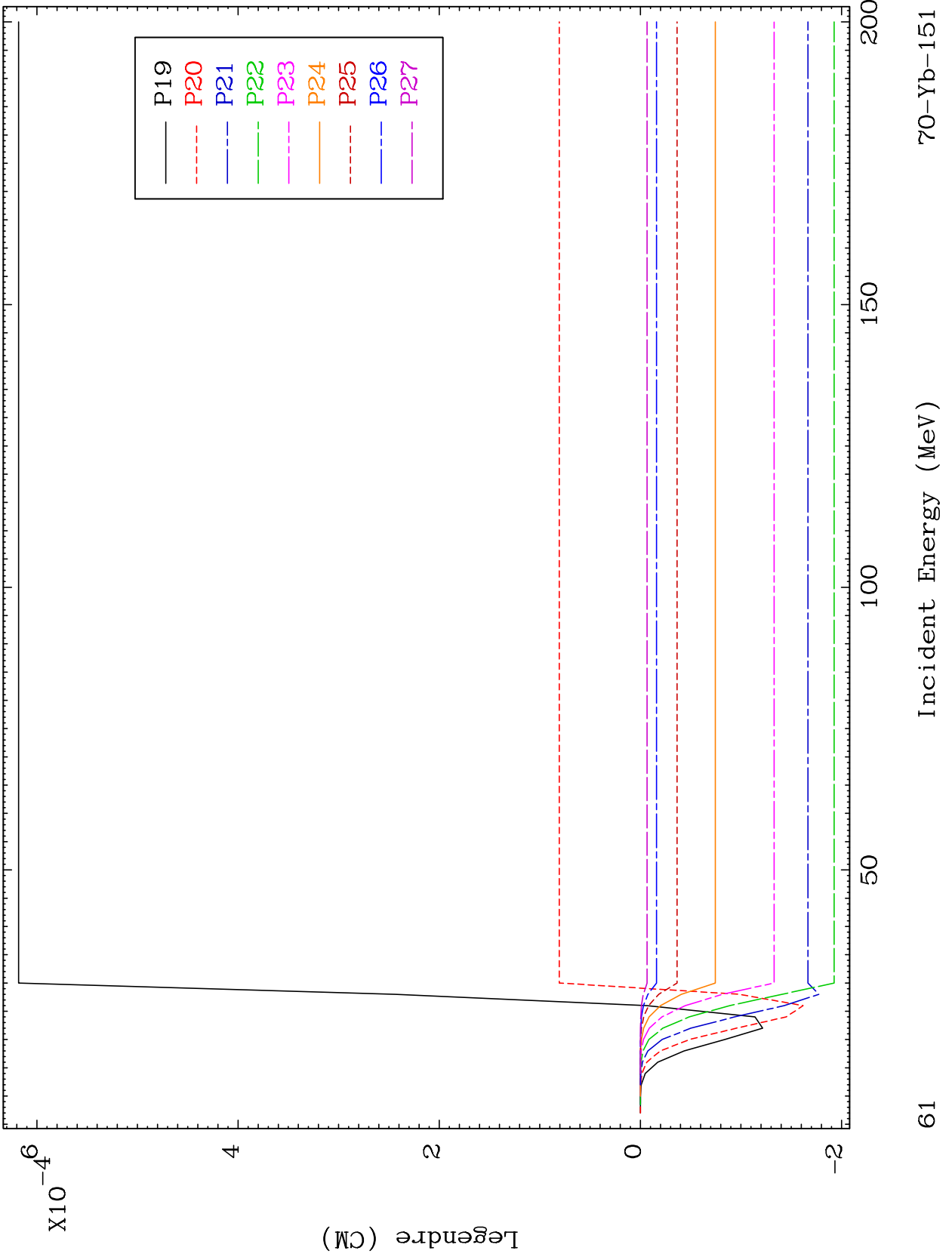


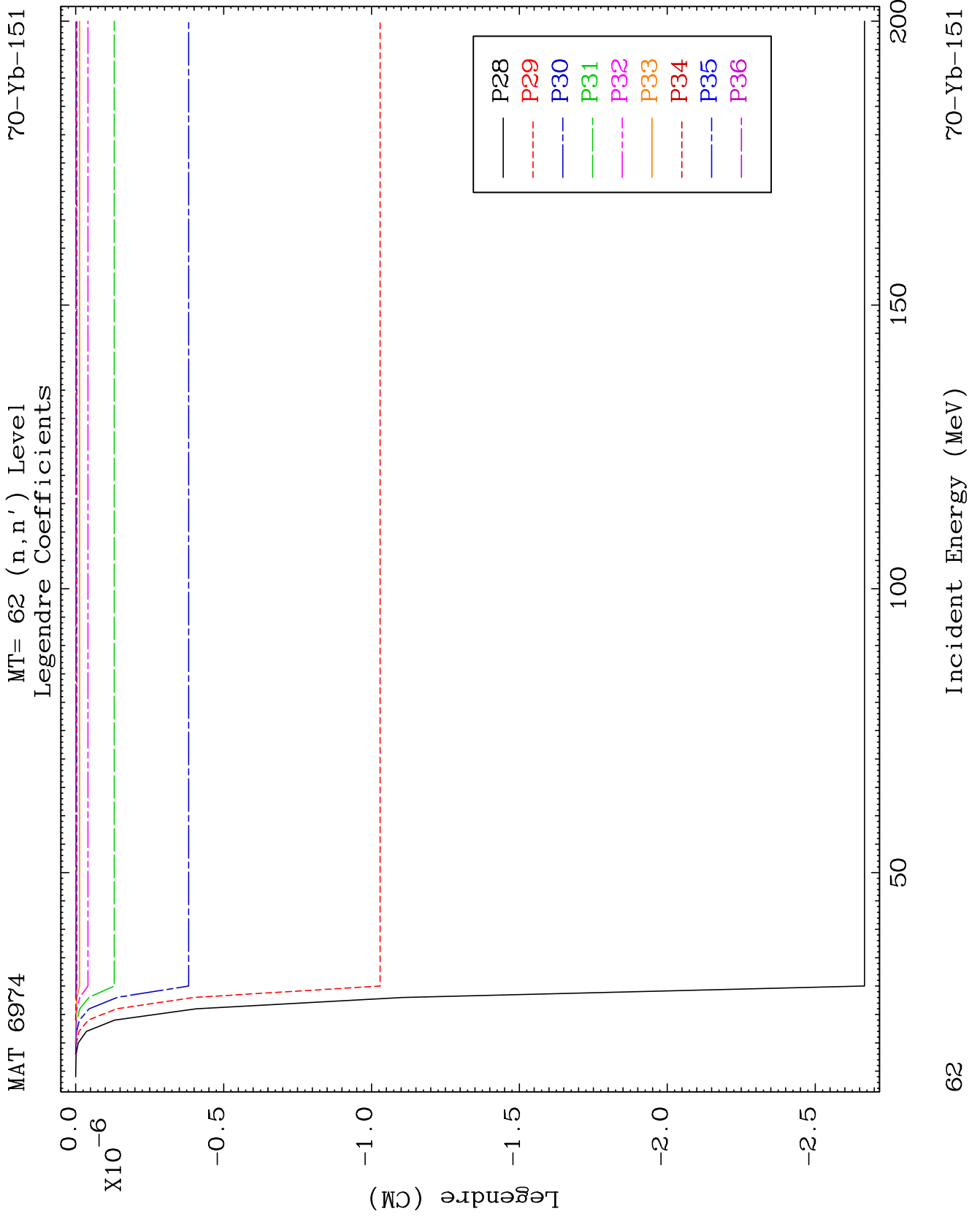


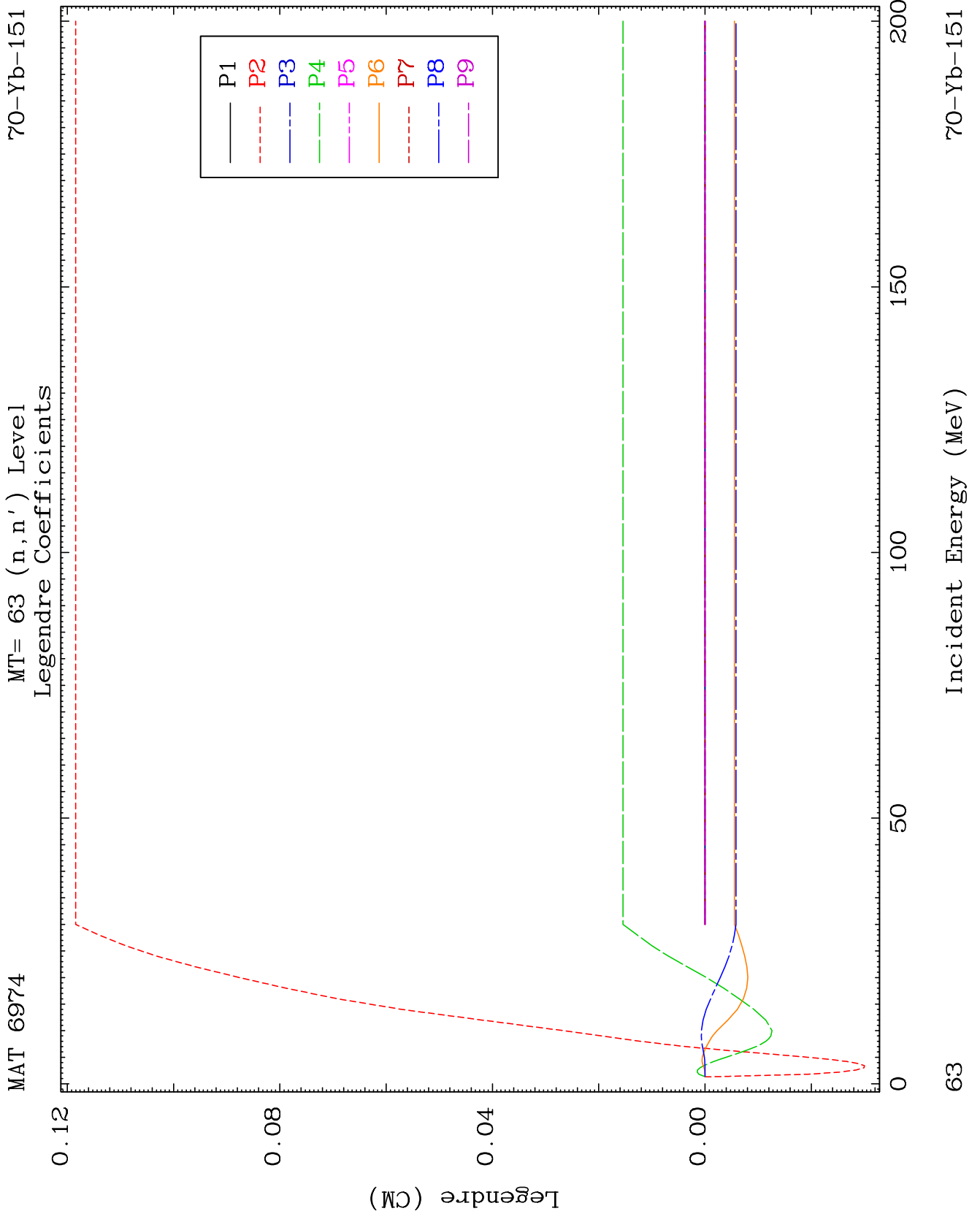
MAT 6974

MT= 62 (n,n') Level
Legendre Coefficients

70-Yb-151



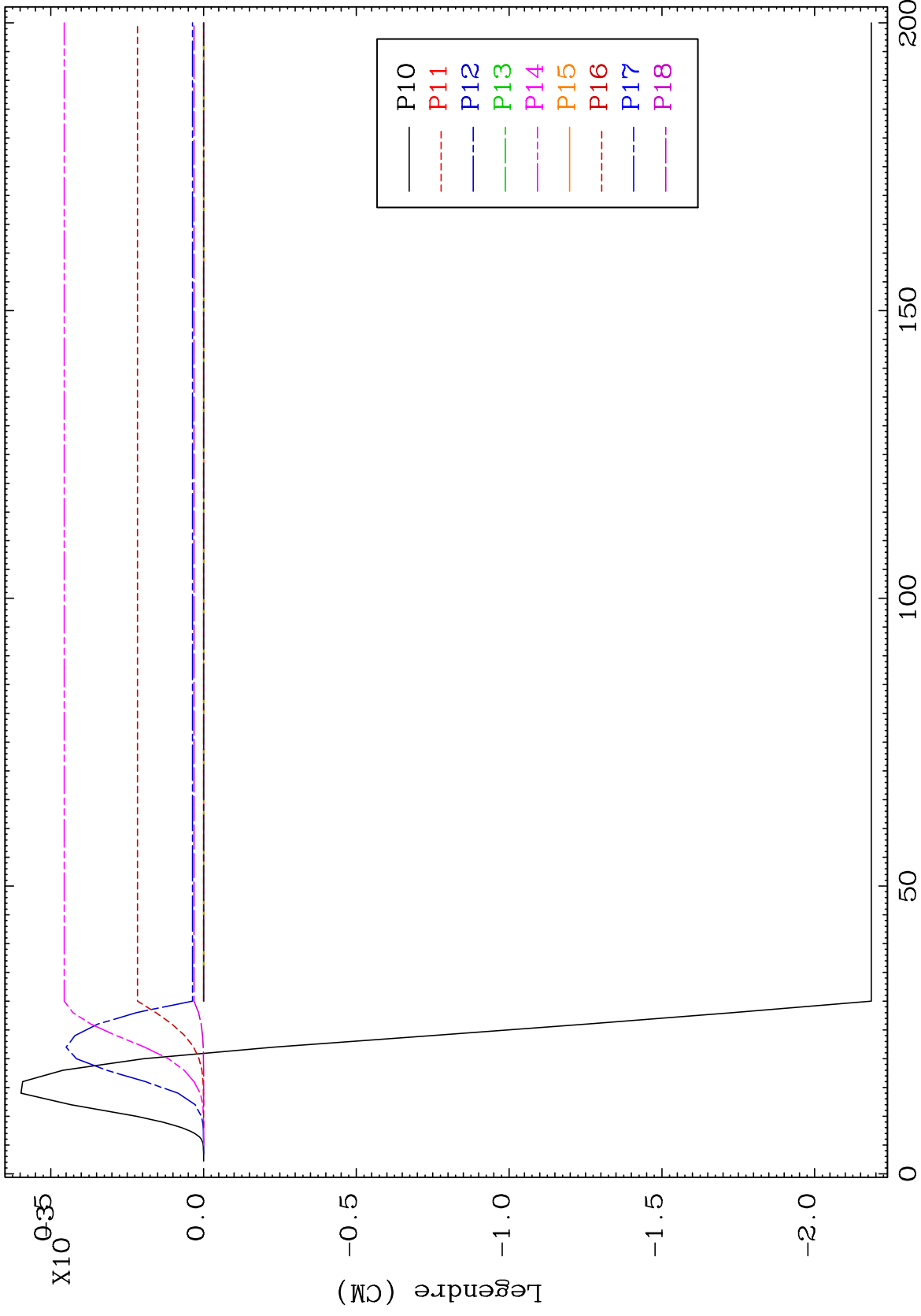




MAT 6974

MT= 63 (n,n') Level
Legendre Coefficients

70-Yb-151



64

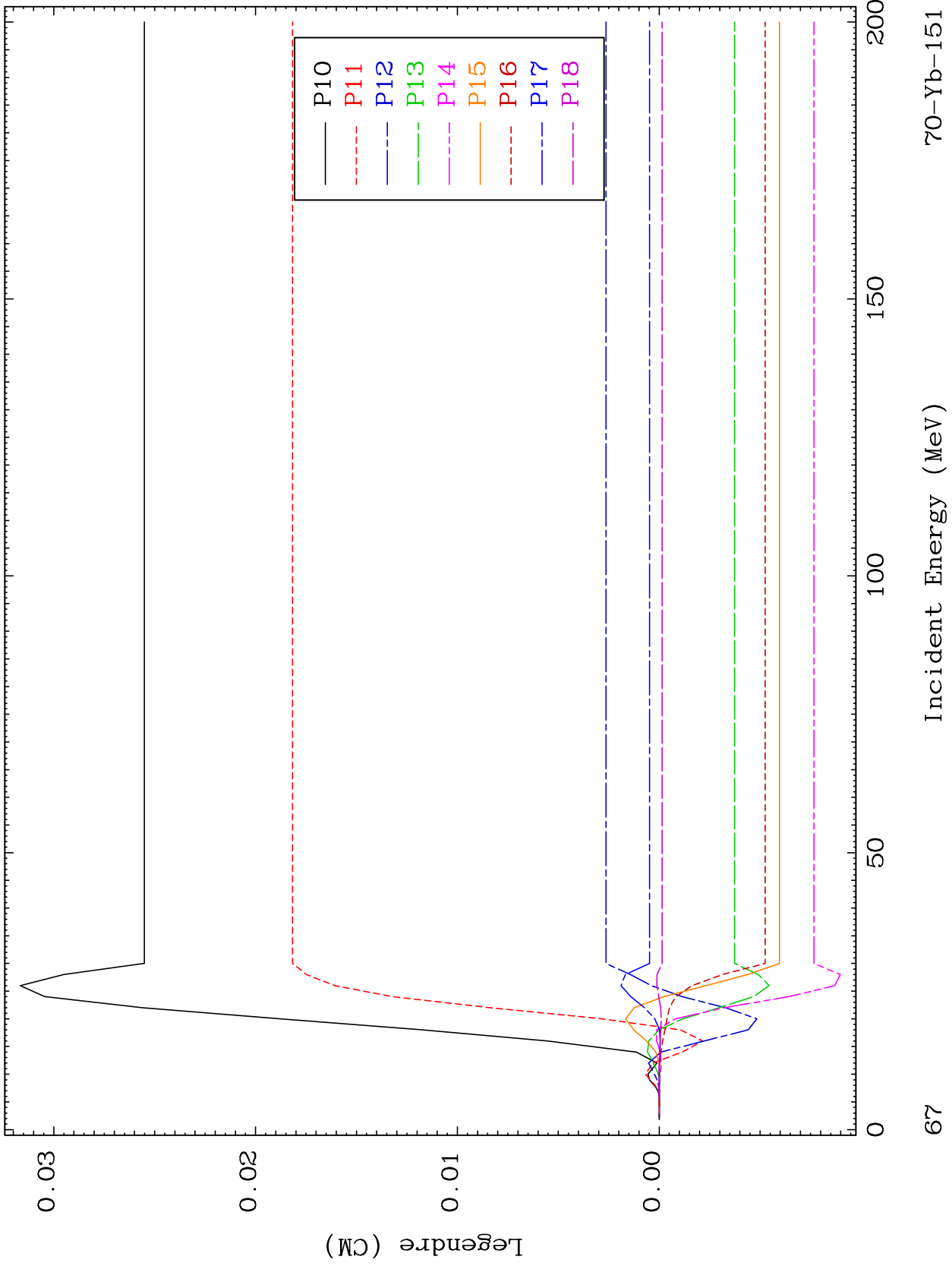
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 64 (n,n') Level
Legendre Coefficients

70-Yb-151



67

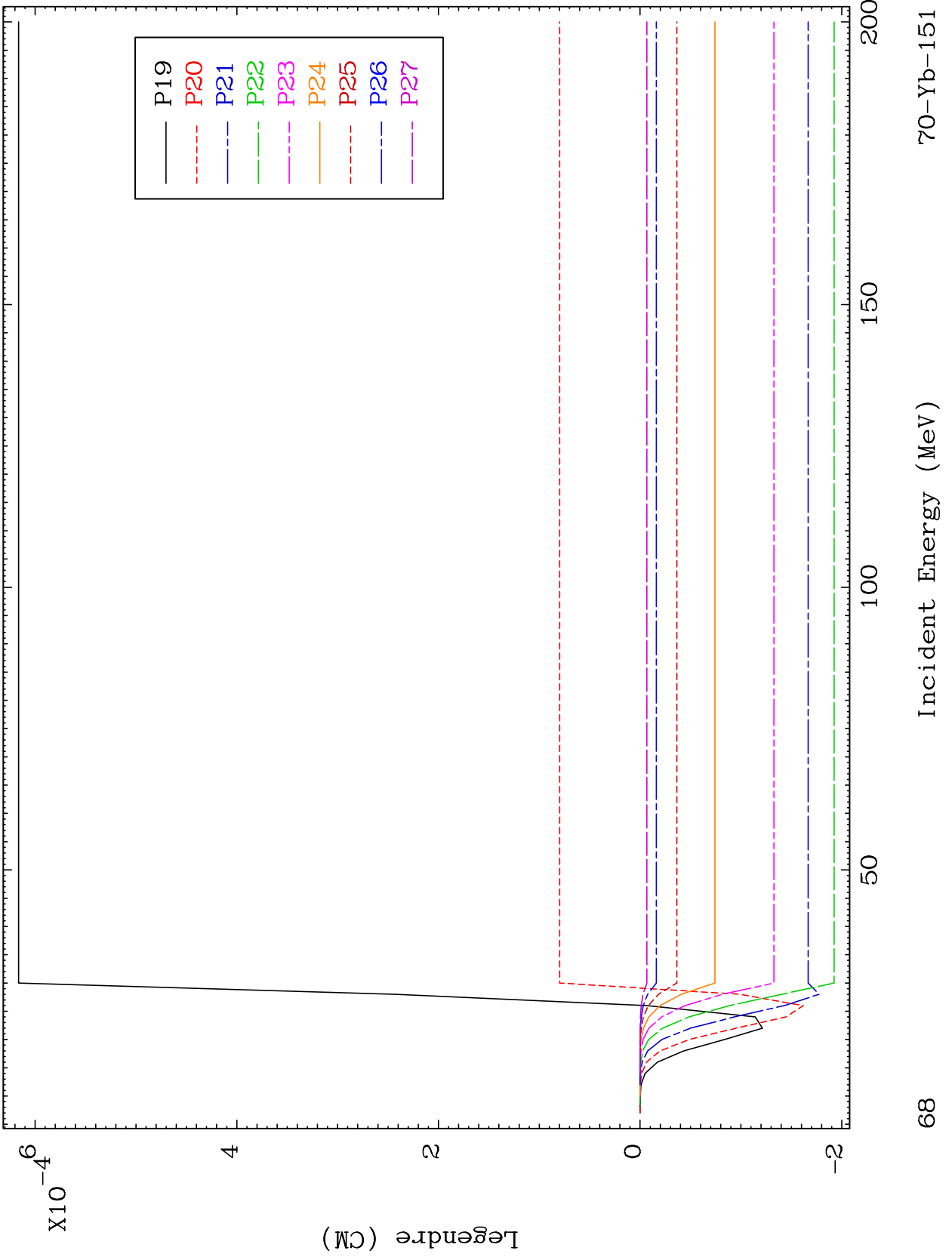
Incident Energy (MeV)

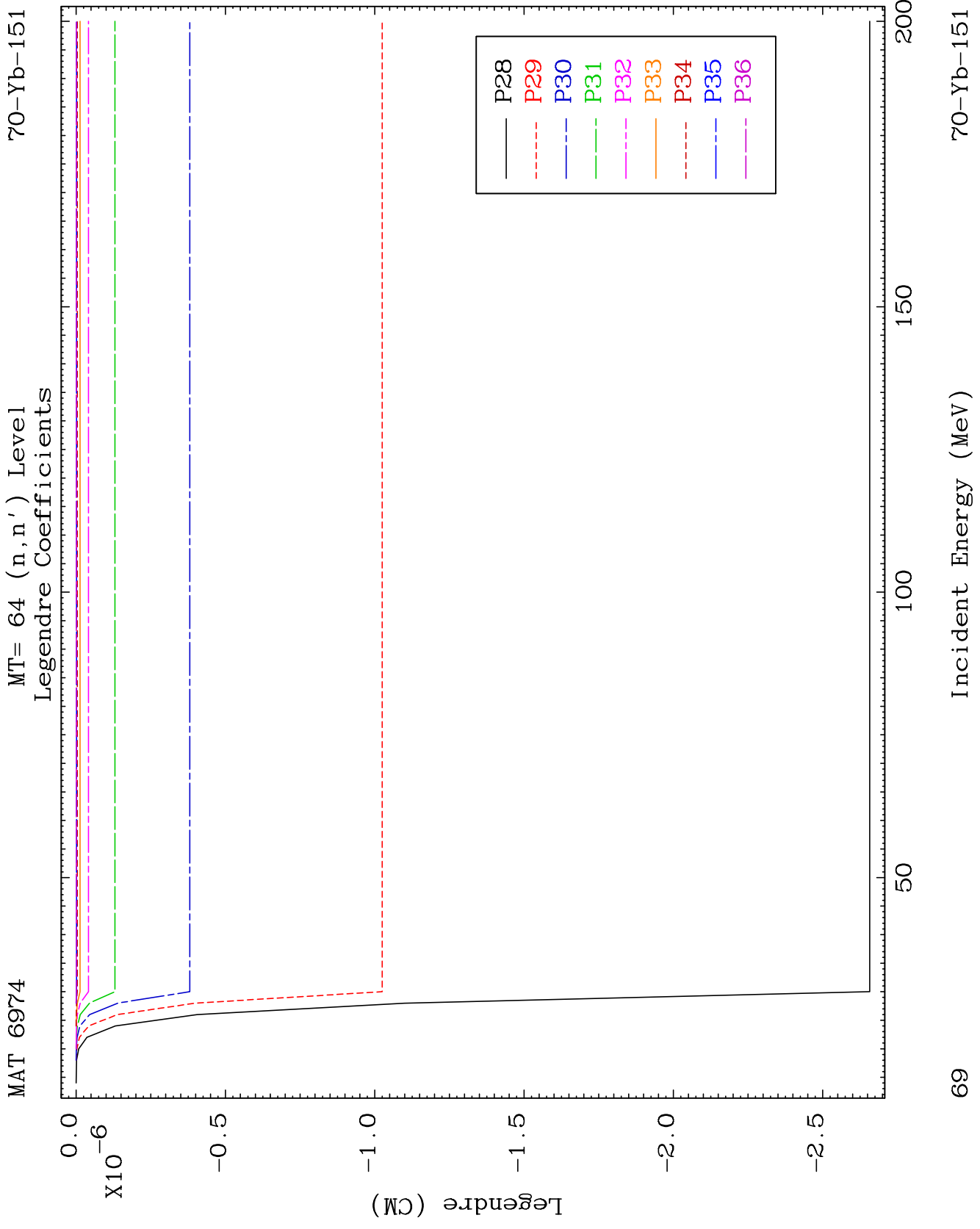
70-Yb-151

MAT 6974

MT= 64 (n,n') Level
Legendre Coefficients

70-Yb-151

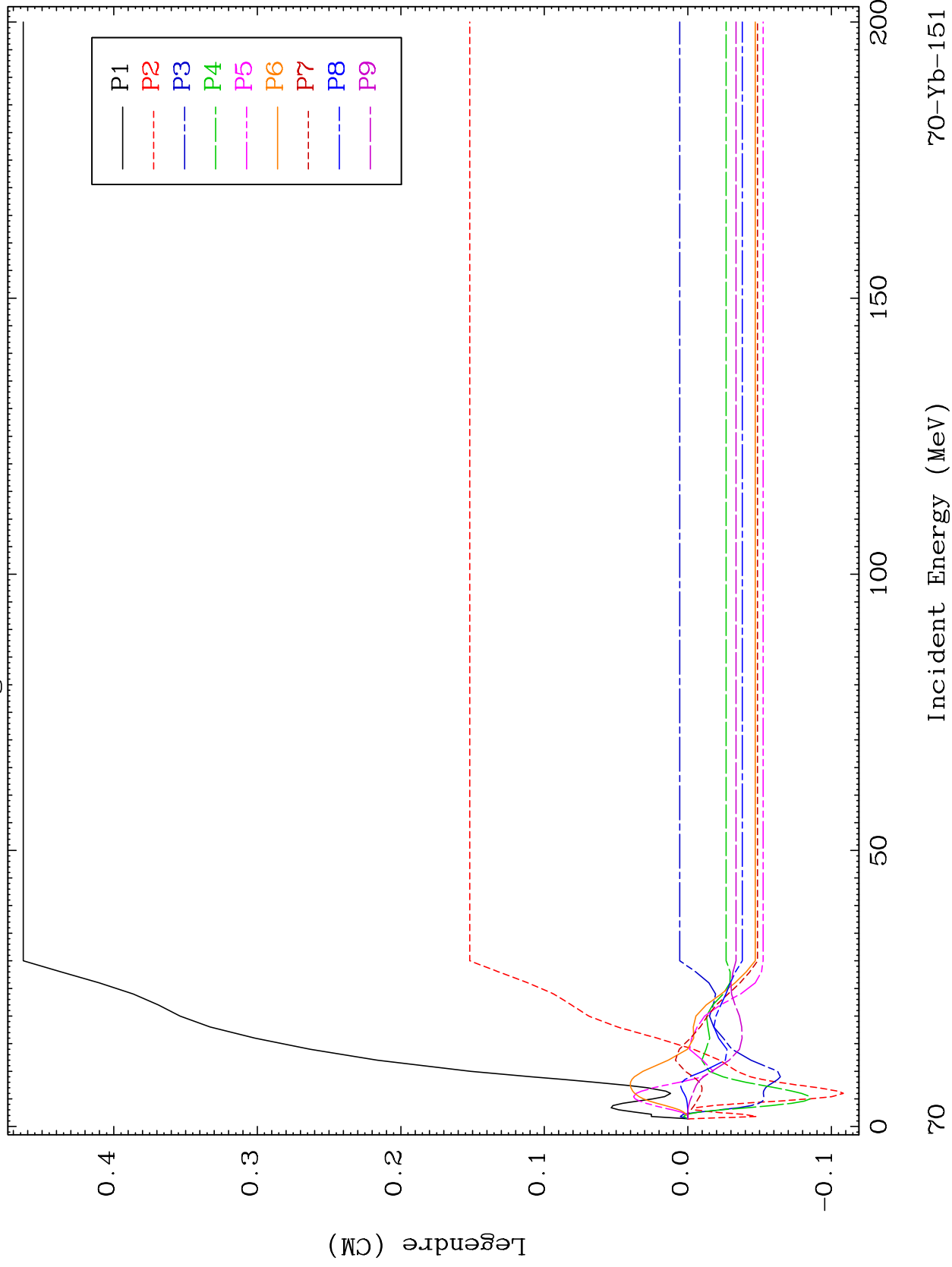




MAT 6974

MT= 65 (n,n') Level
Legendre Coefficients

70-Yb-151



70-Yb-151

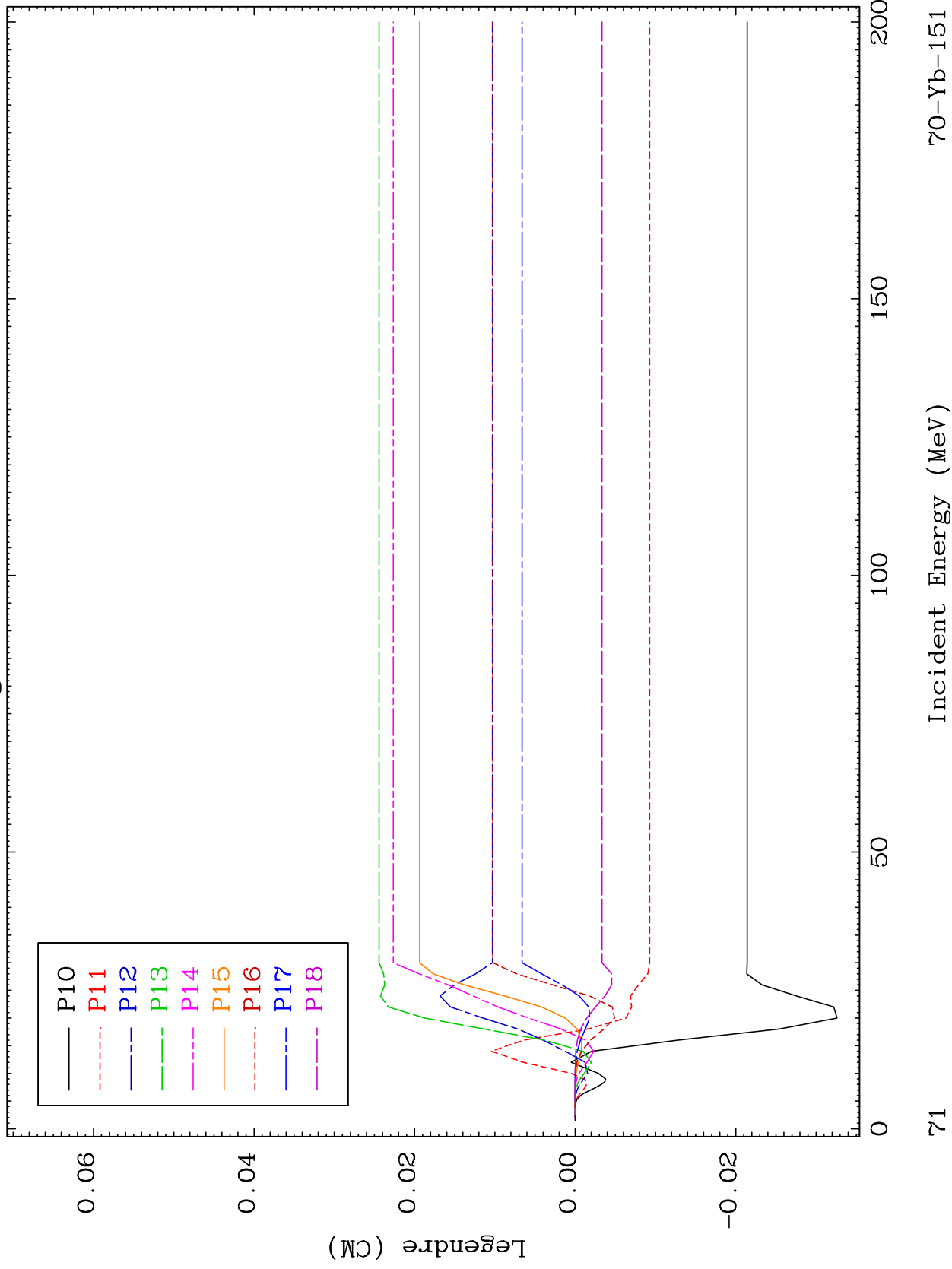
Incident Energy (MeV)

70

MAT 6974

MT= 65 (n,n') Level
Legendre Coefficients

70-Yb-151



71

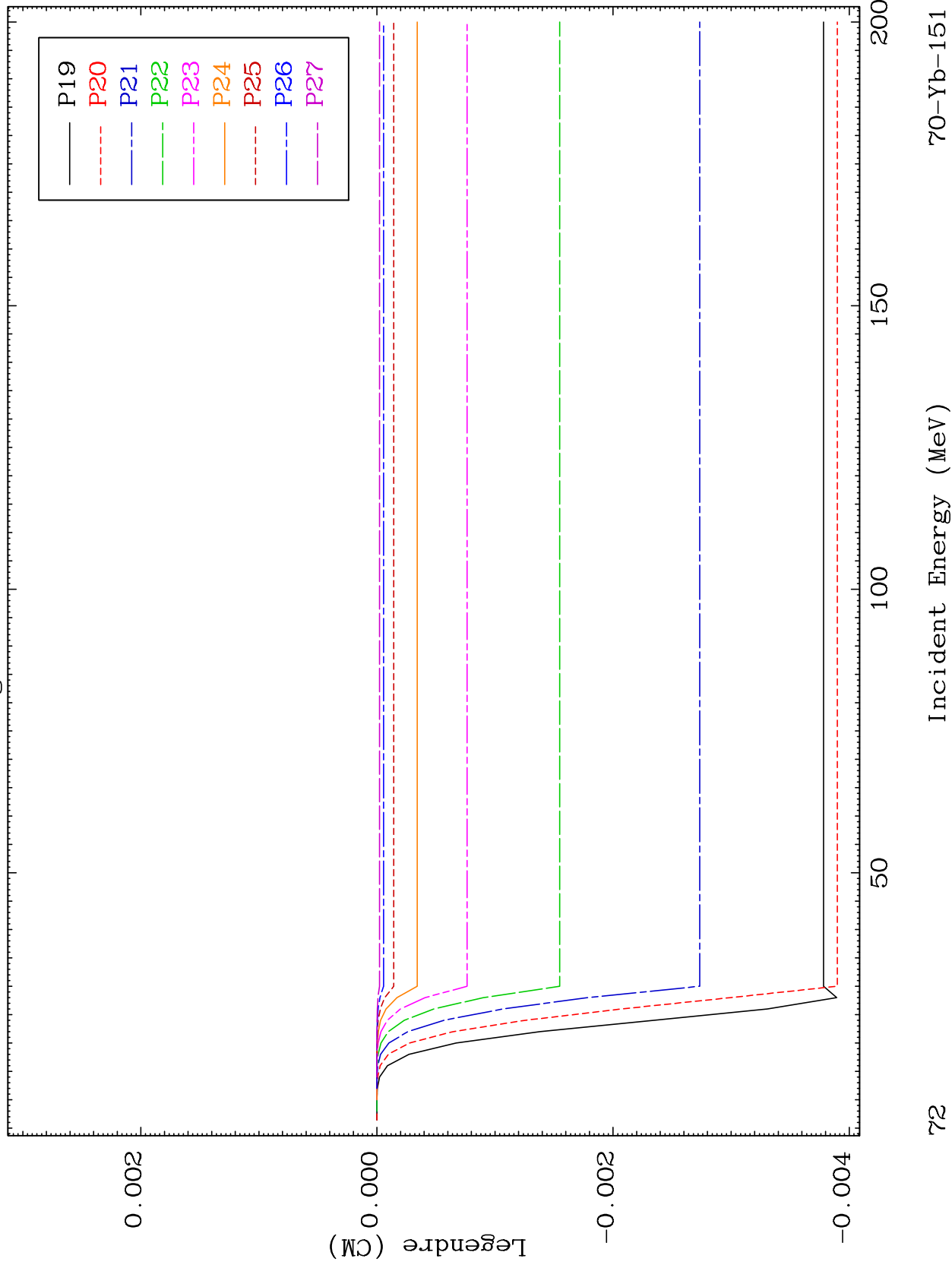
Incident Energy (MeV)

70-Yb-151

MAT 6974

MT= 65 (n,n') Level
Legendre Coefficients

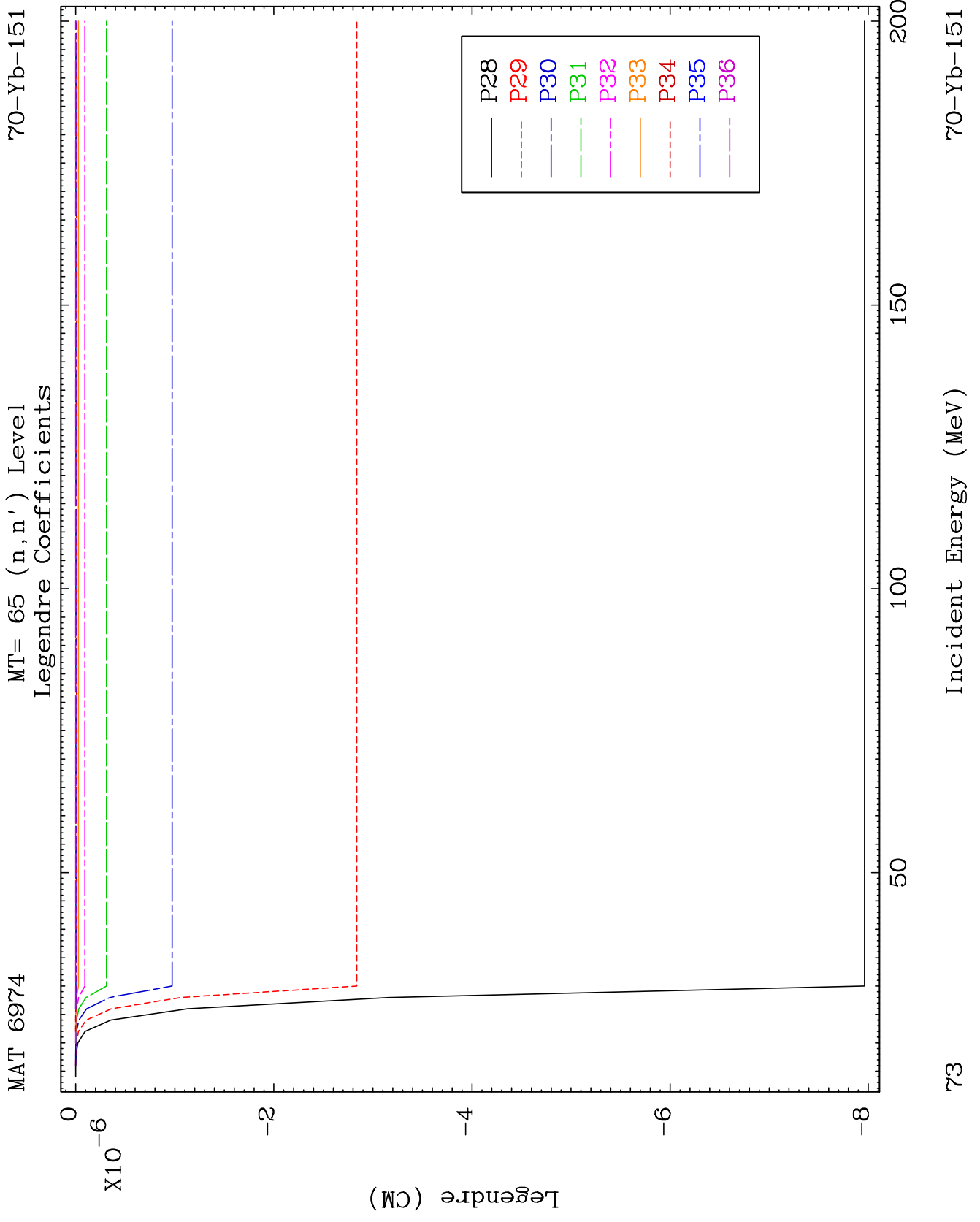
70-Yb-151



72

Incident Energy (MeV)

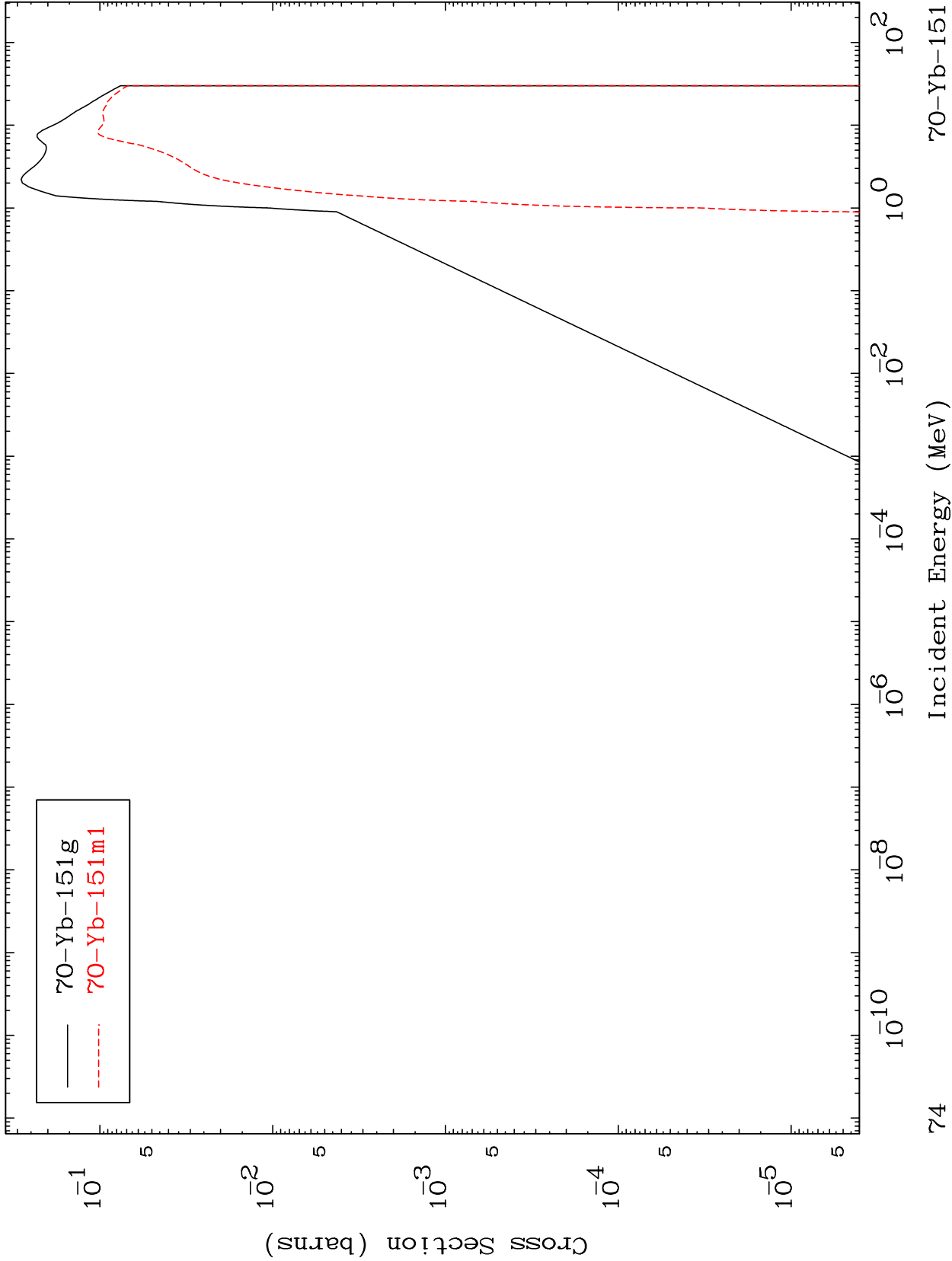
70-Yb-151



MAT 6974

Inelastic
Radionuclide Production Cross Section

70-Yb-151



74

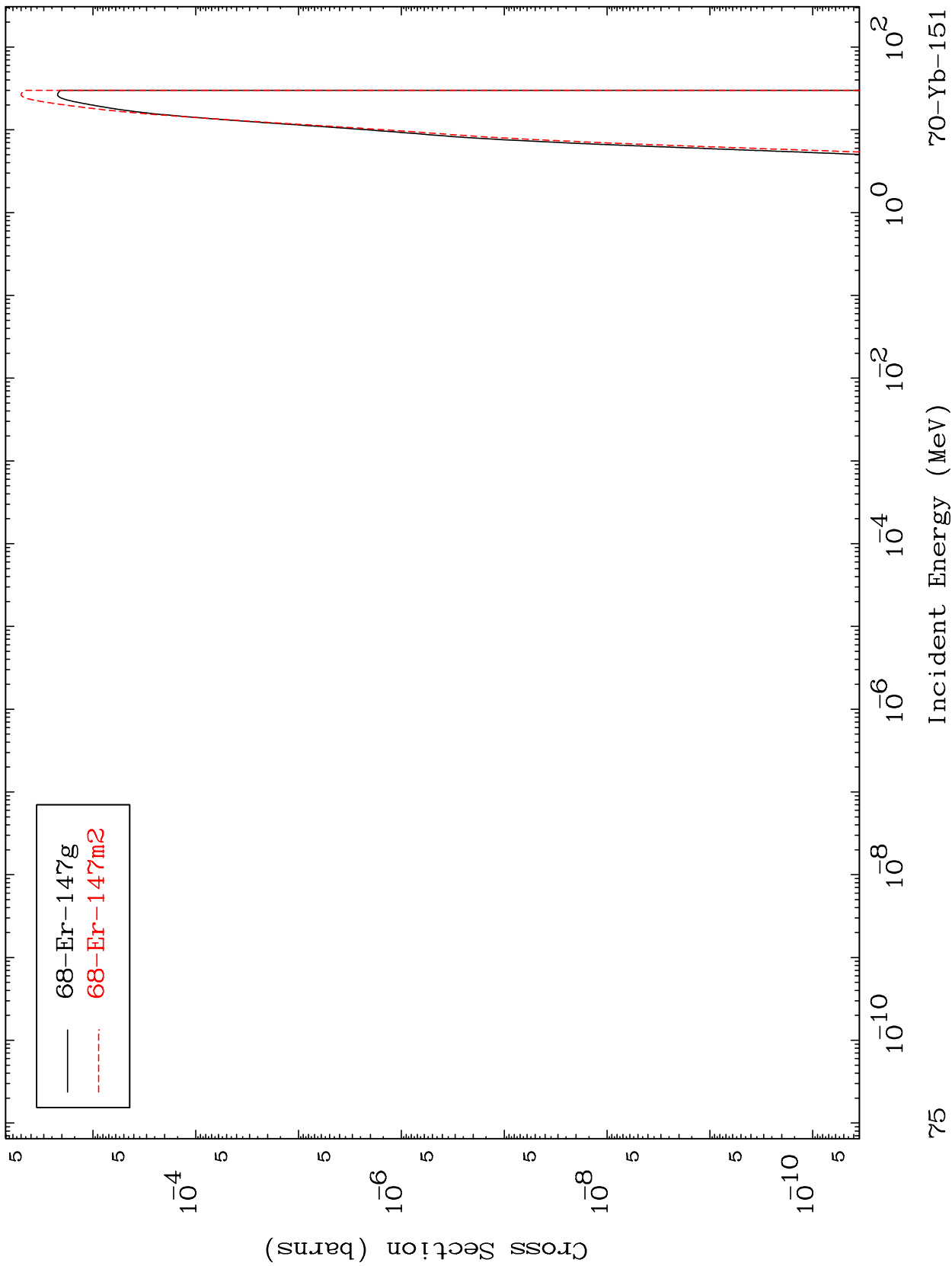
70-Yb-151

MAT 6974

$(n, n') \alpha$

70-Yb-151

Radionuclide Production Cross Section

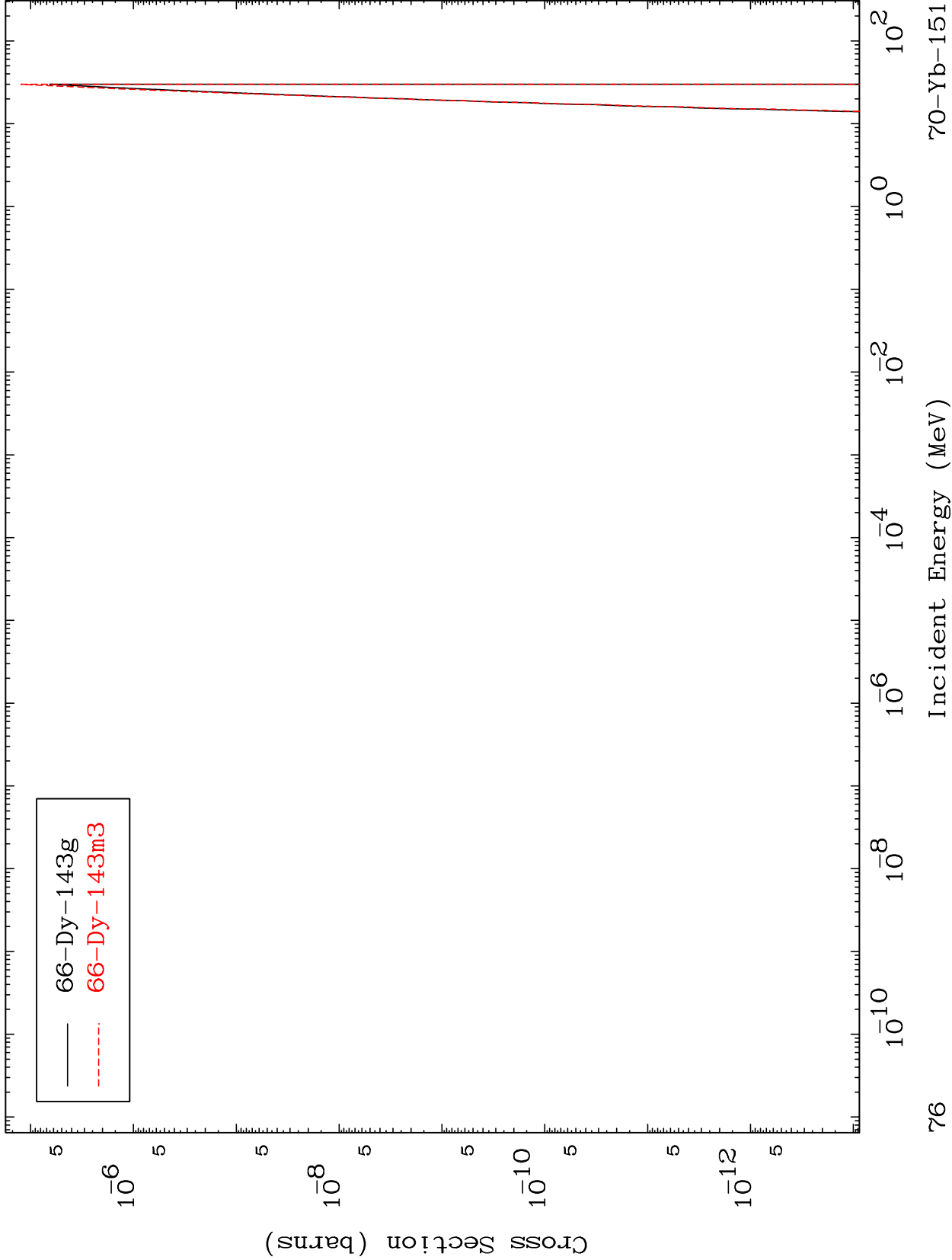


MAT 6974

(n,n') 2α

70-Yb-151

Radionuclide Production Cross Section



76

Incident Energy (MeV)

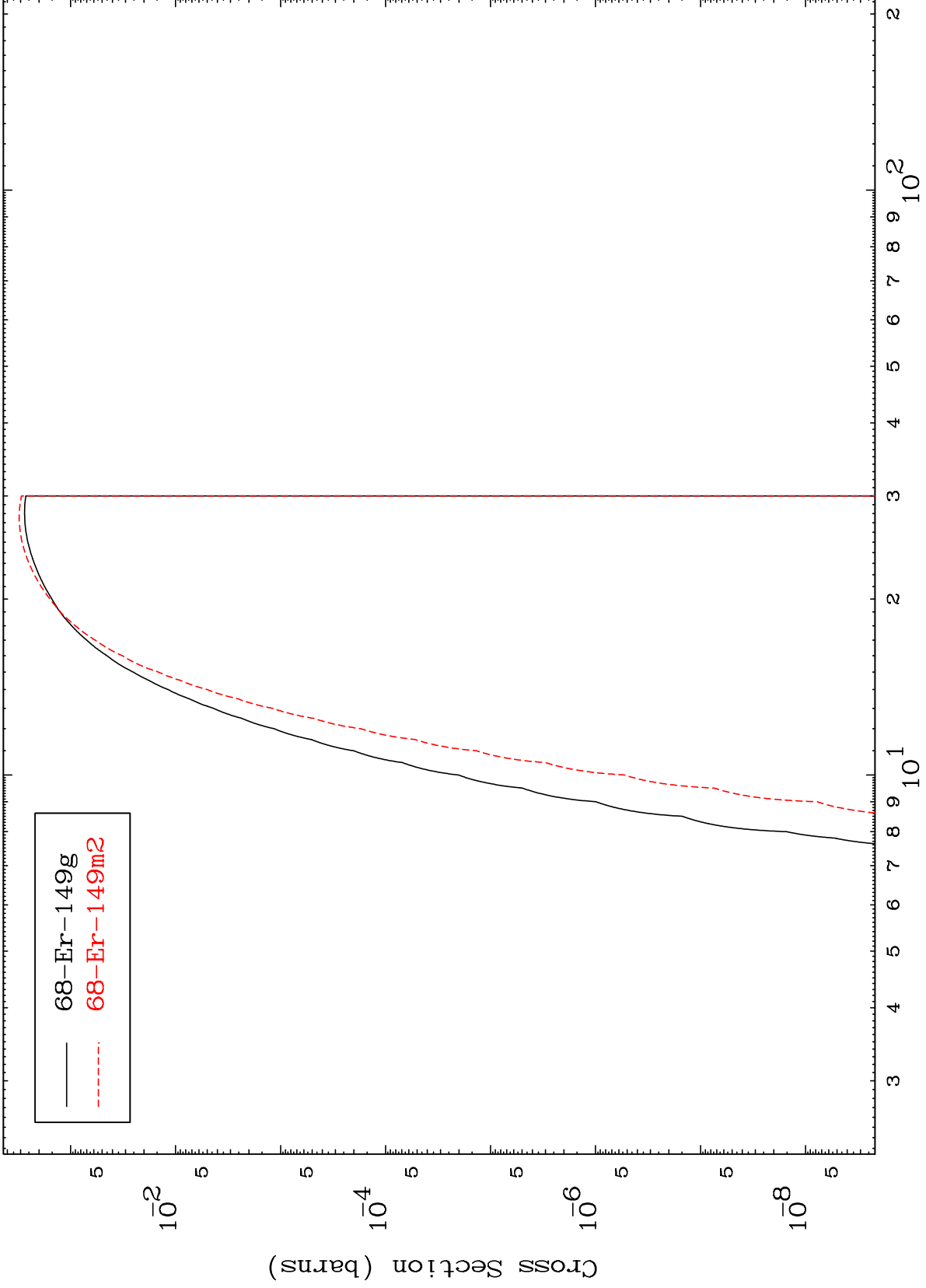
70-Yb-151

MAT 6974

(n,2n) p

70-Yb-151

Radionuclide Production Cross Section



77

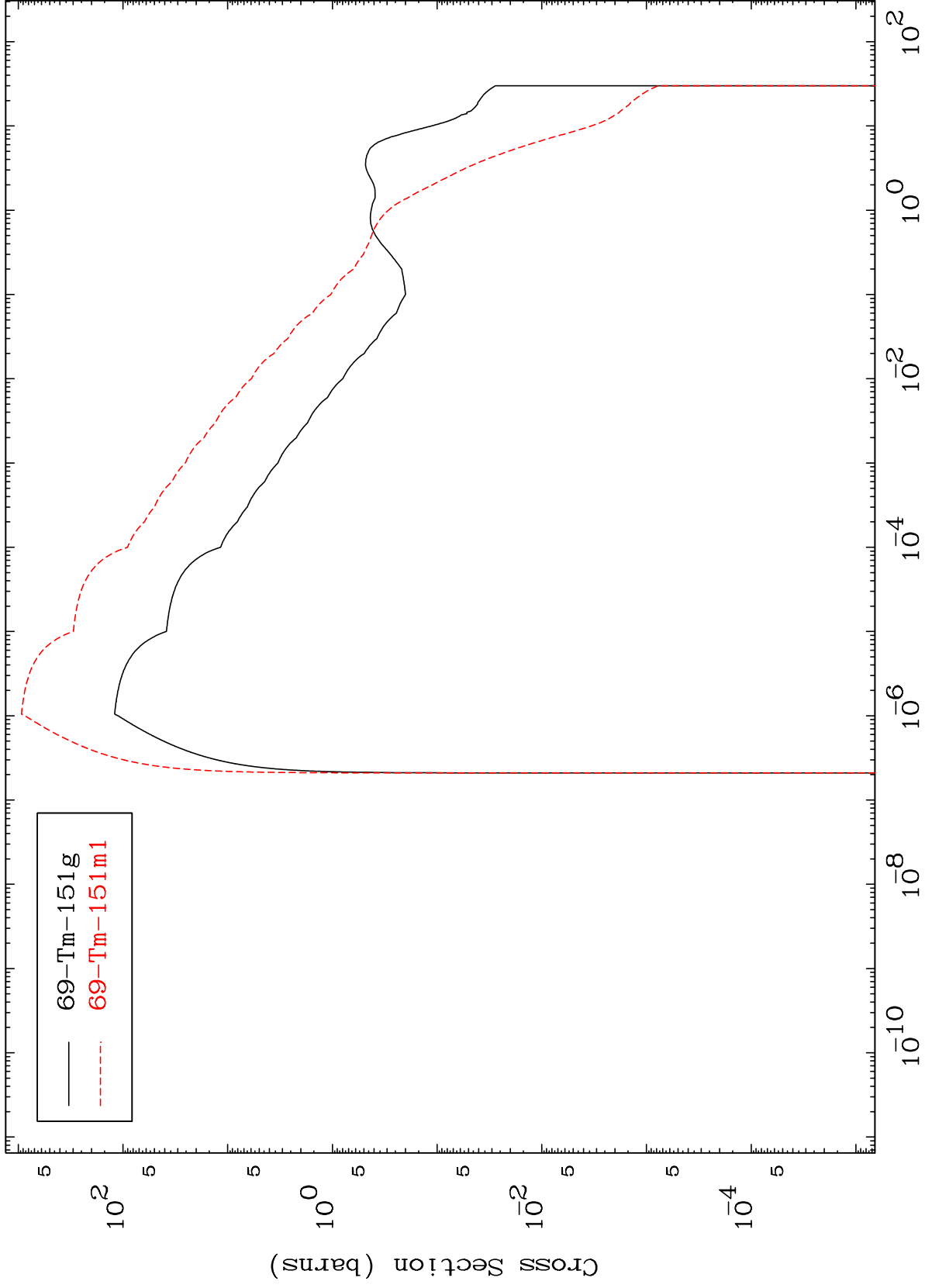
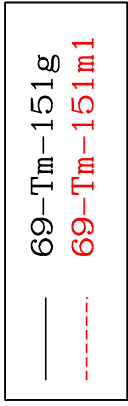
Incident Energy (MeV)

70-Yb-151

MAT 6974

70-Yb-151

Radionuclide Production Cross Section



78

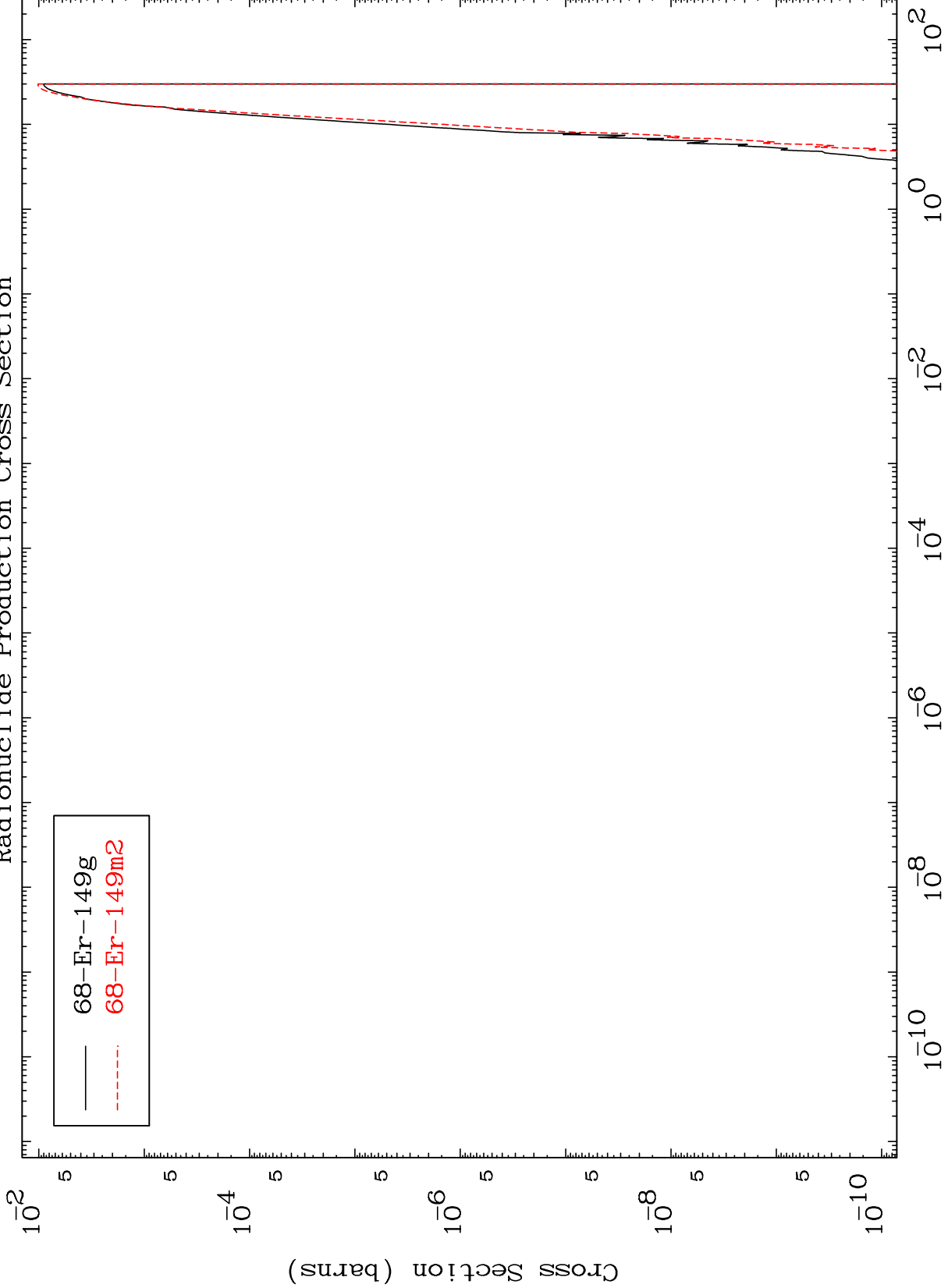
70-Yb-151

MAT 6974

(n,He-3)

70-Yb-151

Radionuclide Production Cross Section



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

79

Incident Energy (MeV)

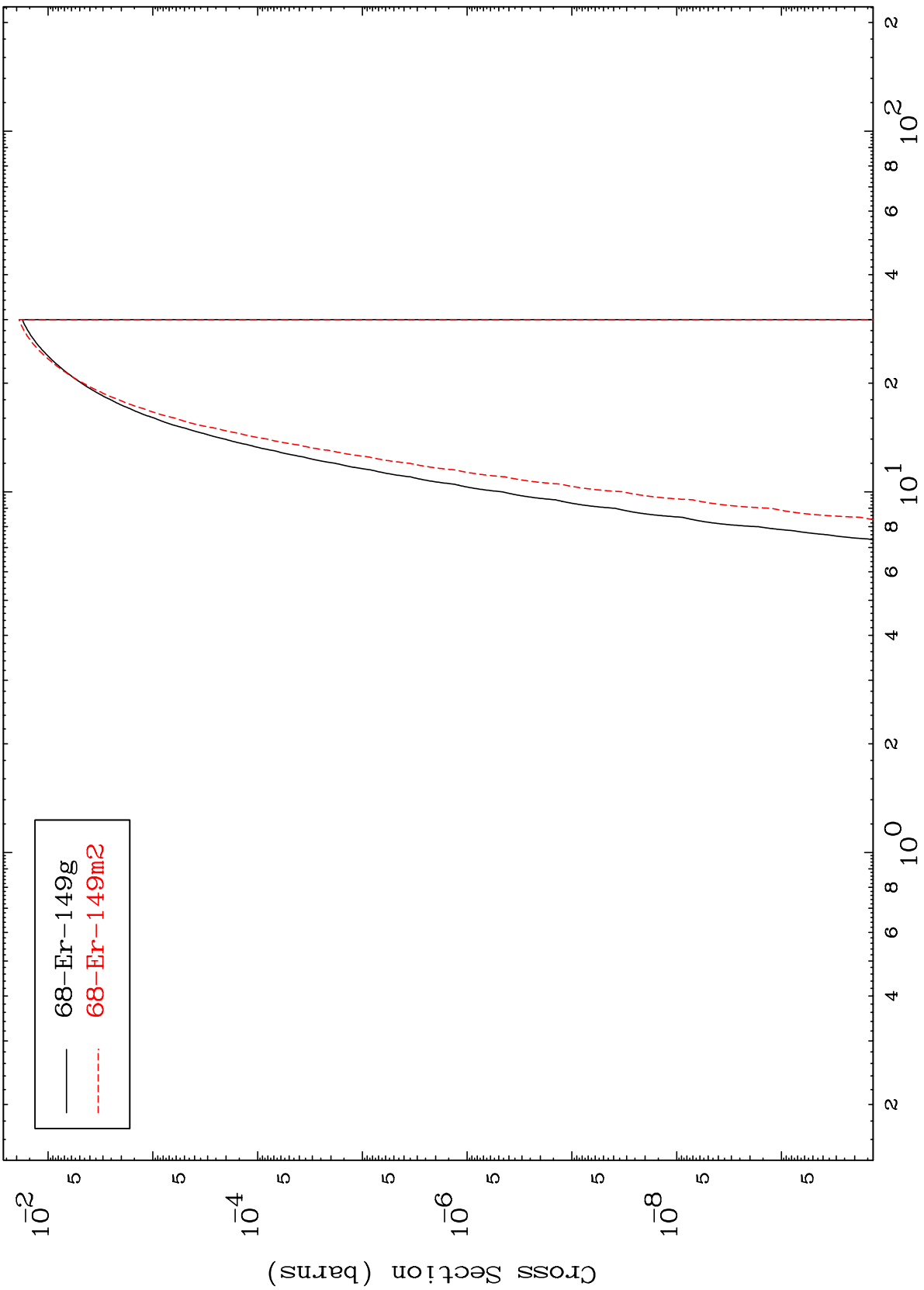
70-Yb-151

MAT 6974

(n,p) d

70-Yb-151

Radionuclide Production Cross Section



80

Incident Energy (MeV)

70-Yb-151