

Program EVALPLOT
(Version 2018-1)

by

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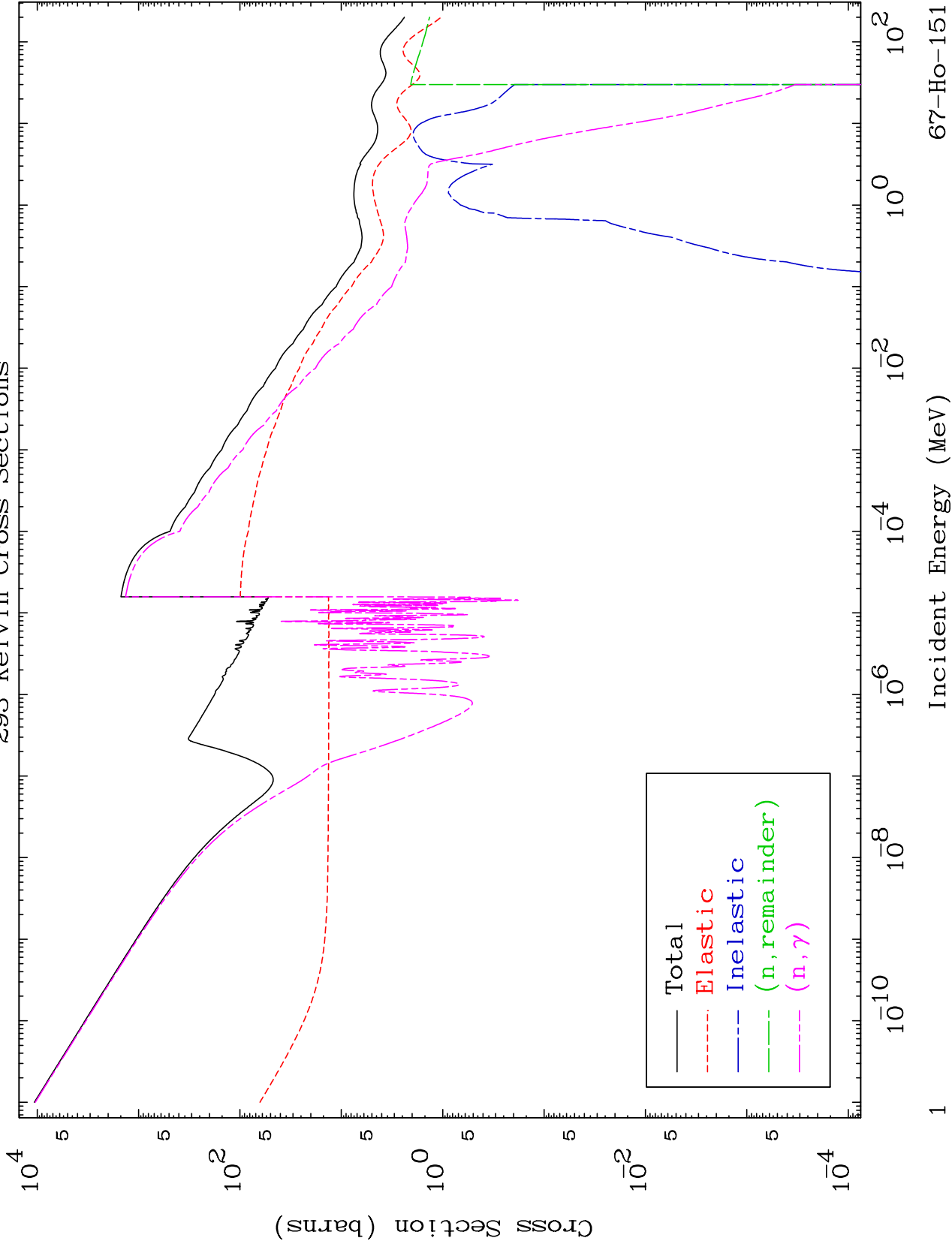
Press Mouse Button to Start

MAT 6683

Major

293 Kelvin Cross Sections

67-Ho-151



1

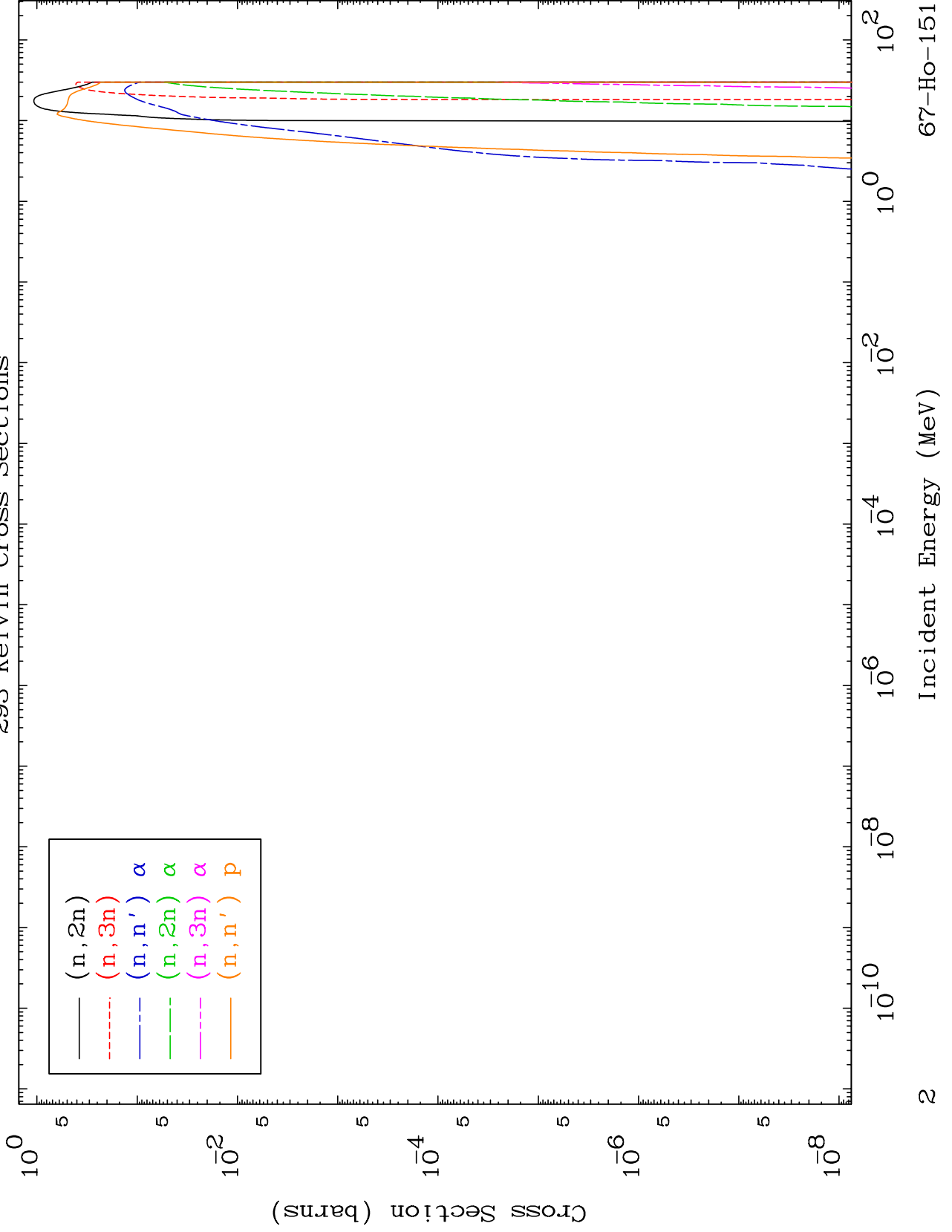
Incident Energy (MeV)

67-Ho-151

MAT 6683

Neutron Production
293 Kelvin Cross Sections

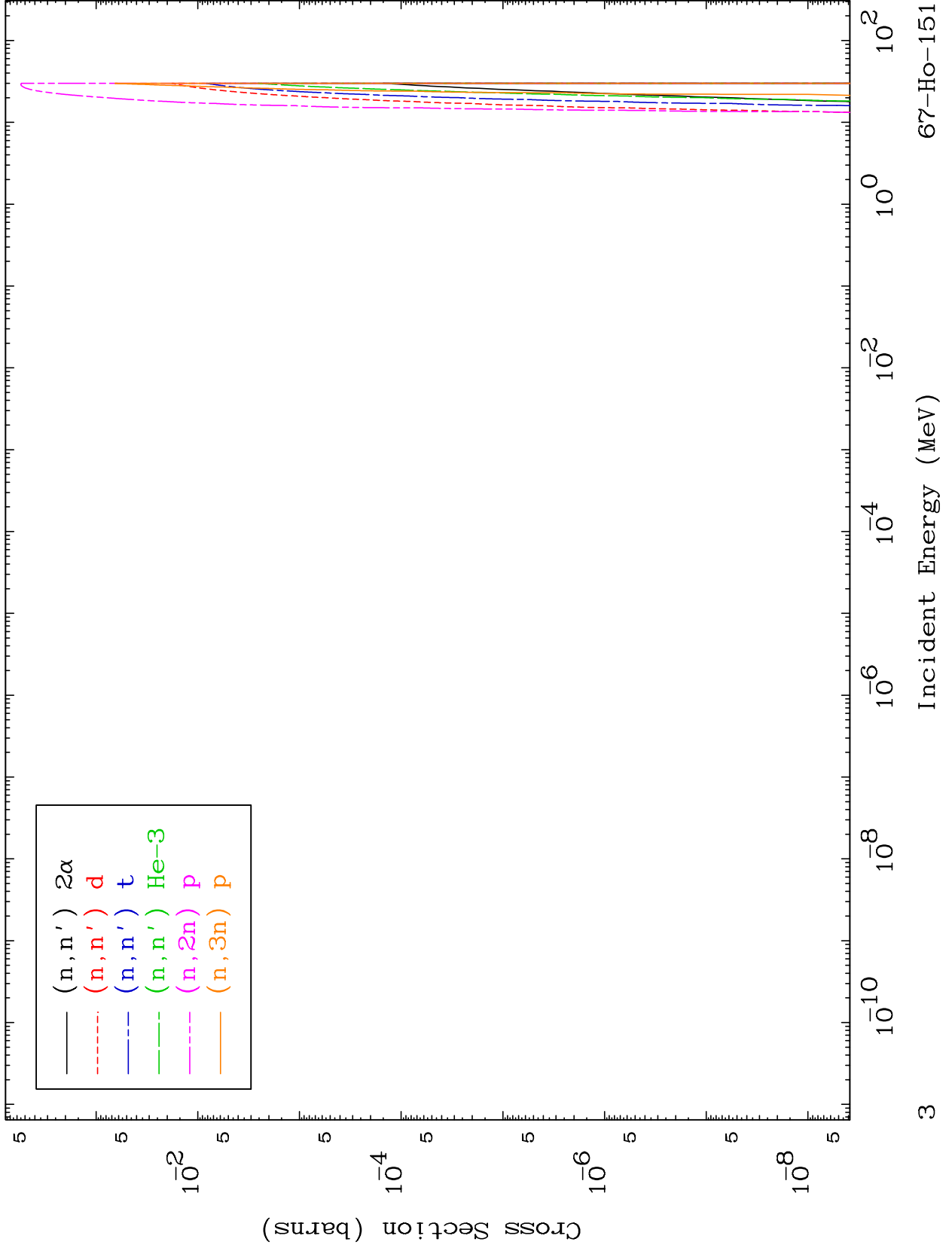
67-Ho-151



MAT 6683

Neutron Production
293 Kelvin Cross Sections

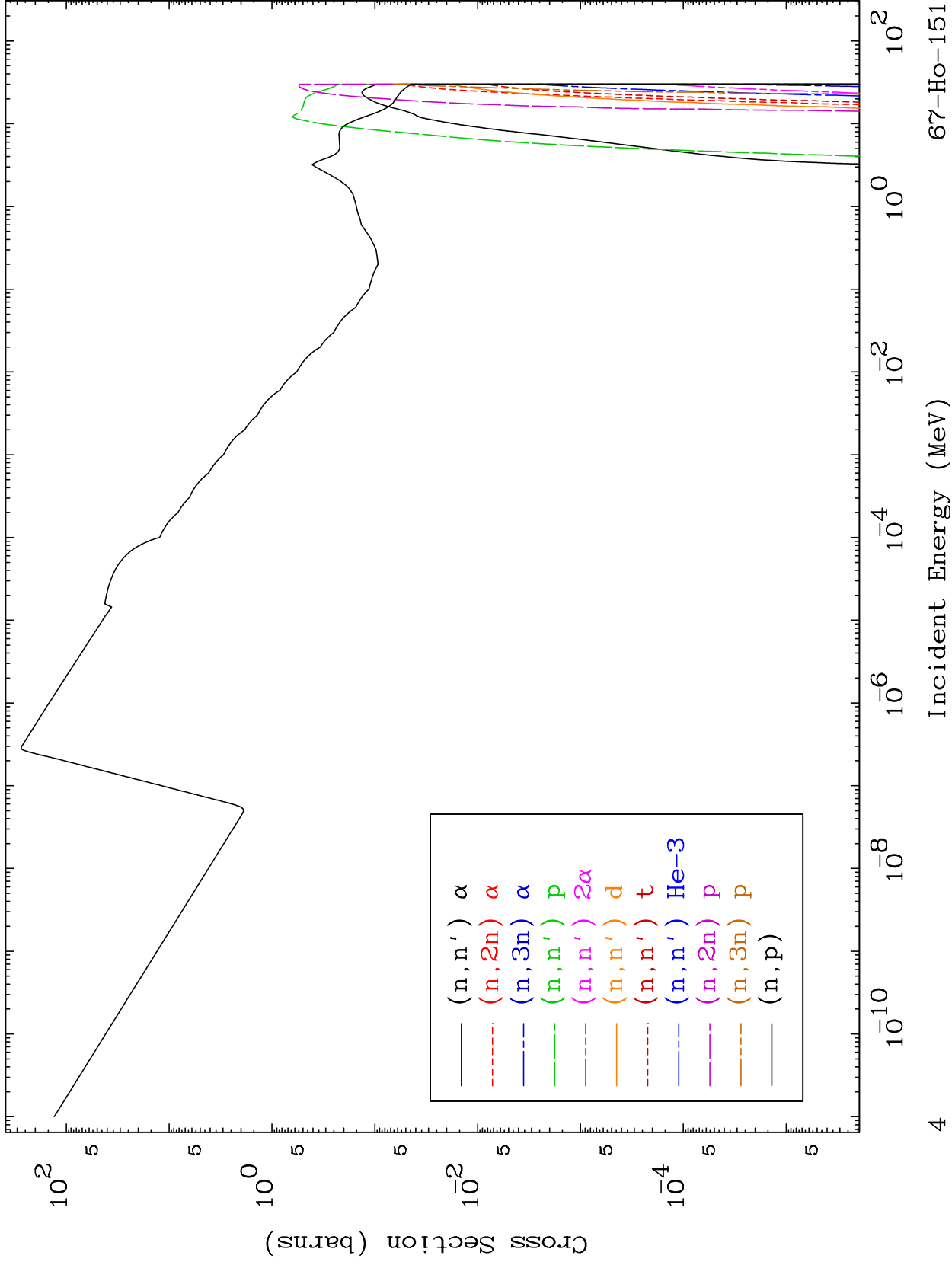
67-Ho-151



MAT 6683

Charged Particle
293 Kelvin Cross Sections

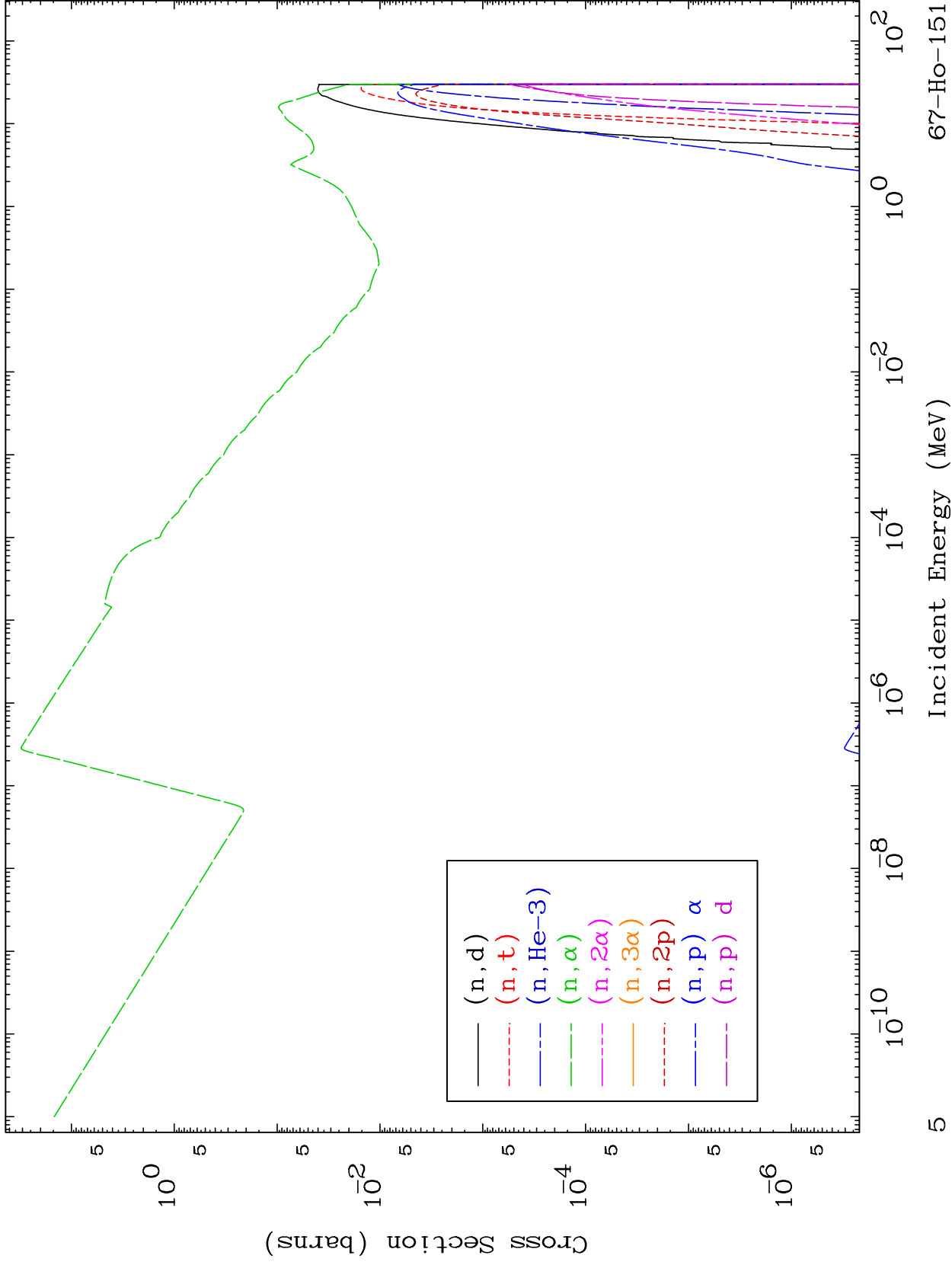
67-Ho-151



MAT 6683

Charged Particle
293 Kelvin Cross Sections

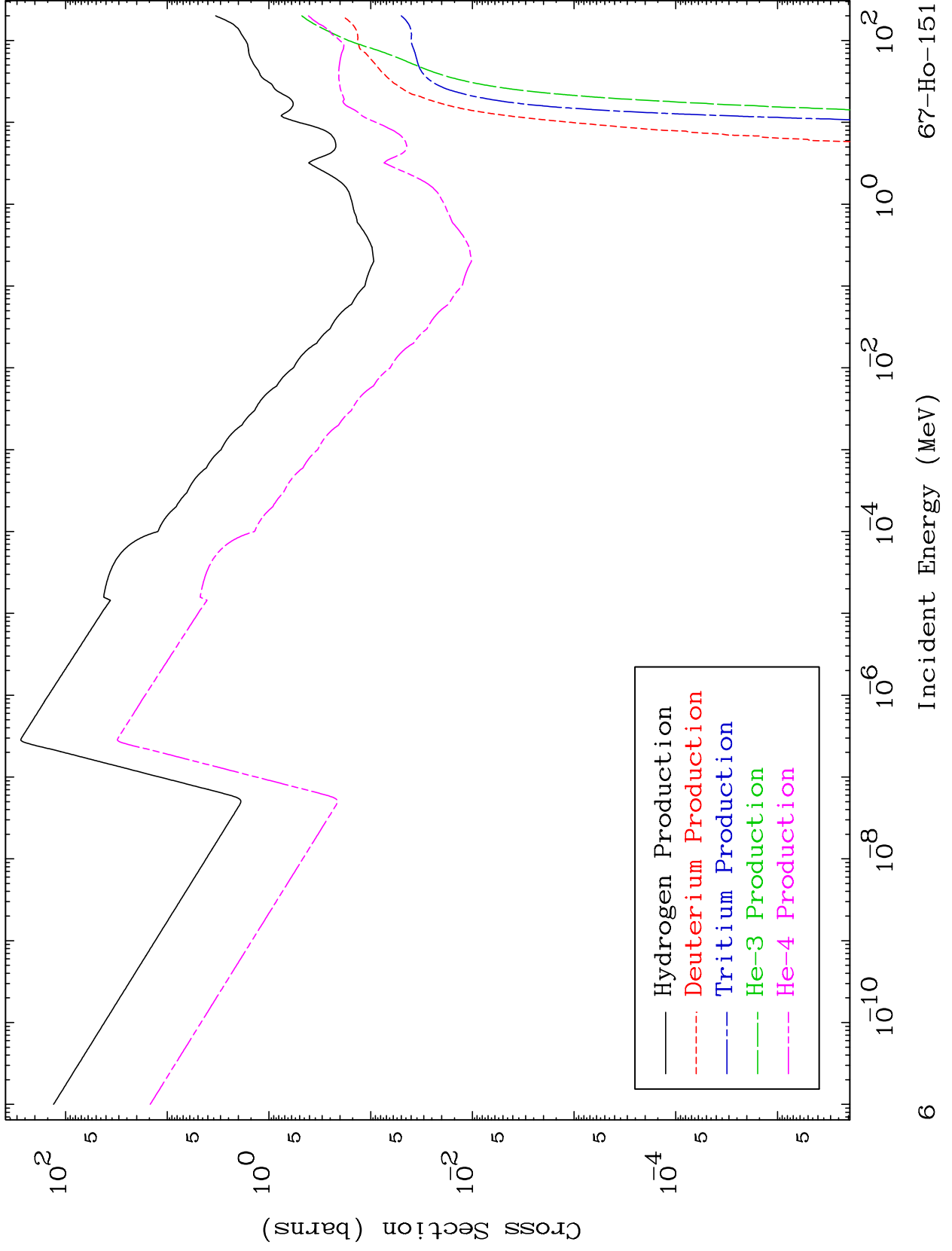
67-Ho-151



MAT 6683

Particle Production
293 Kelvin Cross Sections

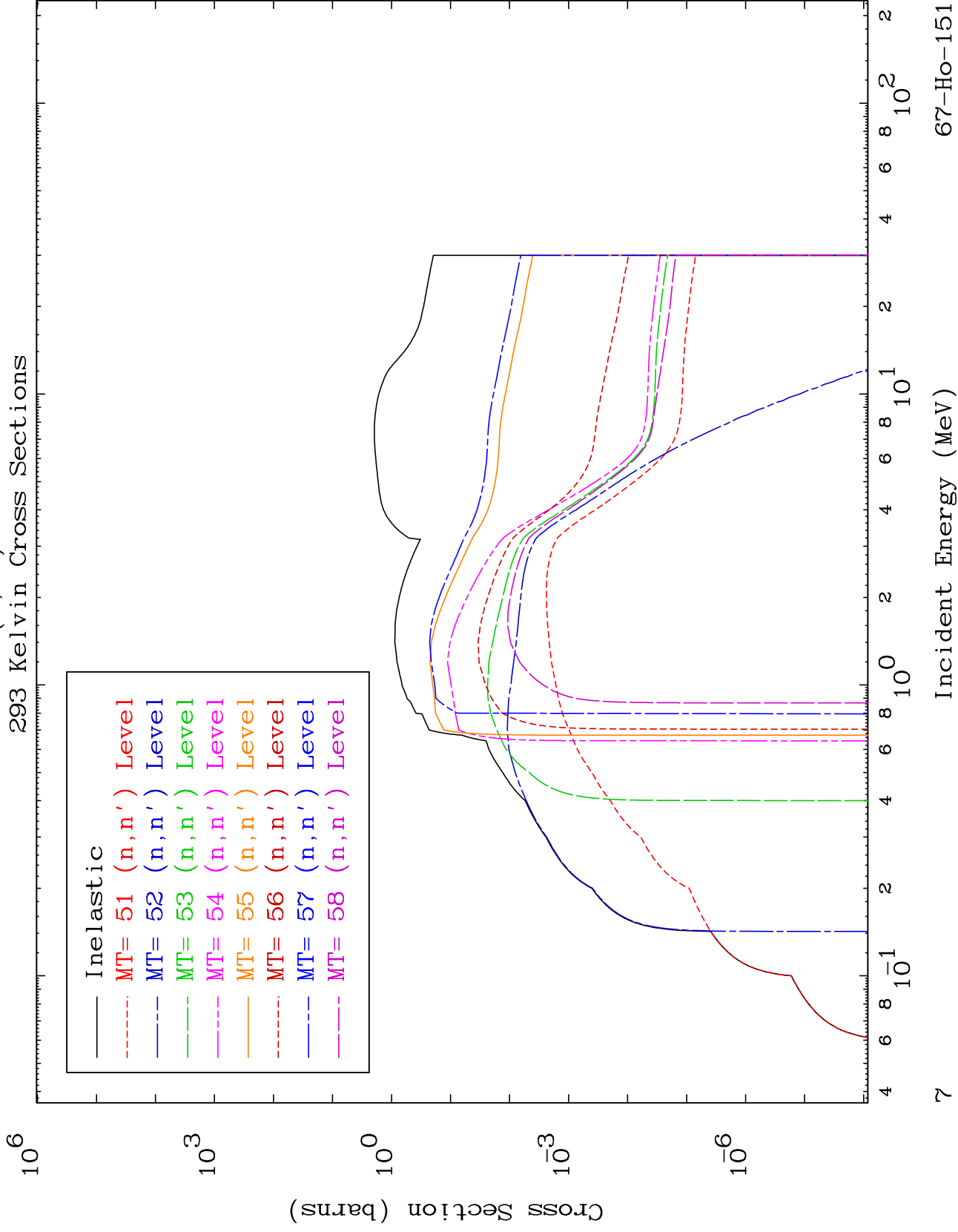
67-Ho-151



MAT 6683

(n,n') Level
293 Kelvin Cross Sections

67-Ho-151

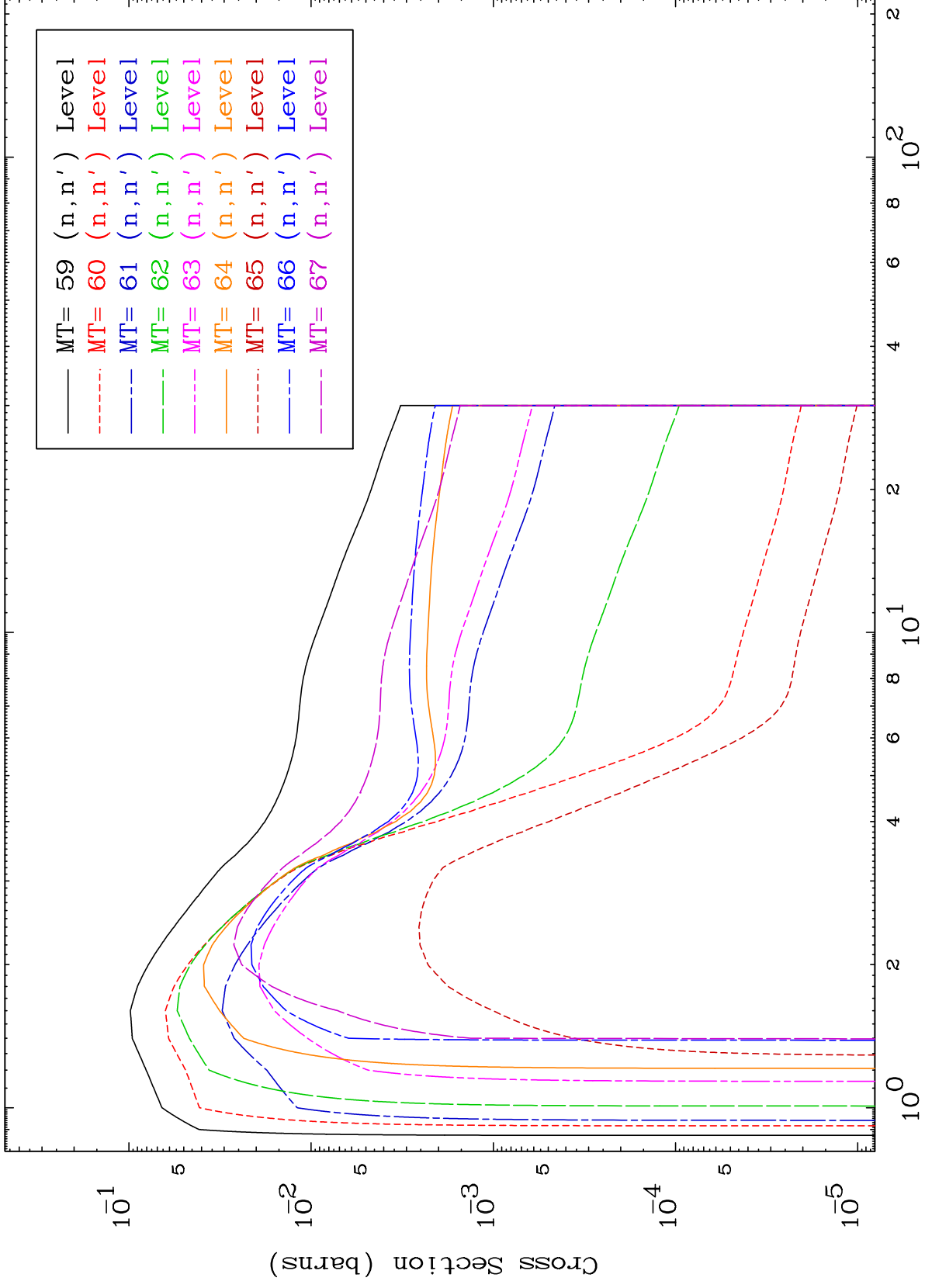


MAT 6683

(n,n') Level

67-Ho-151

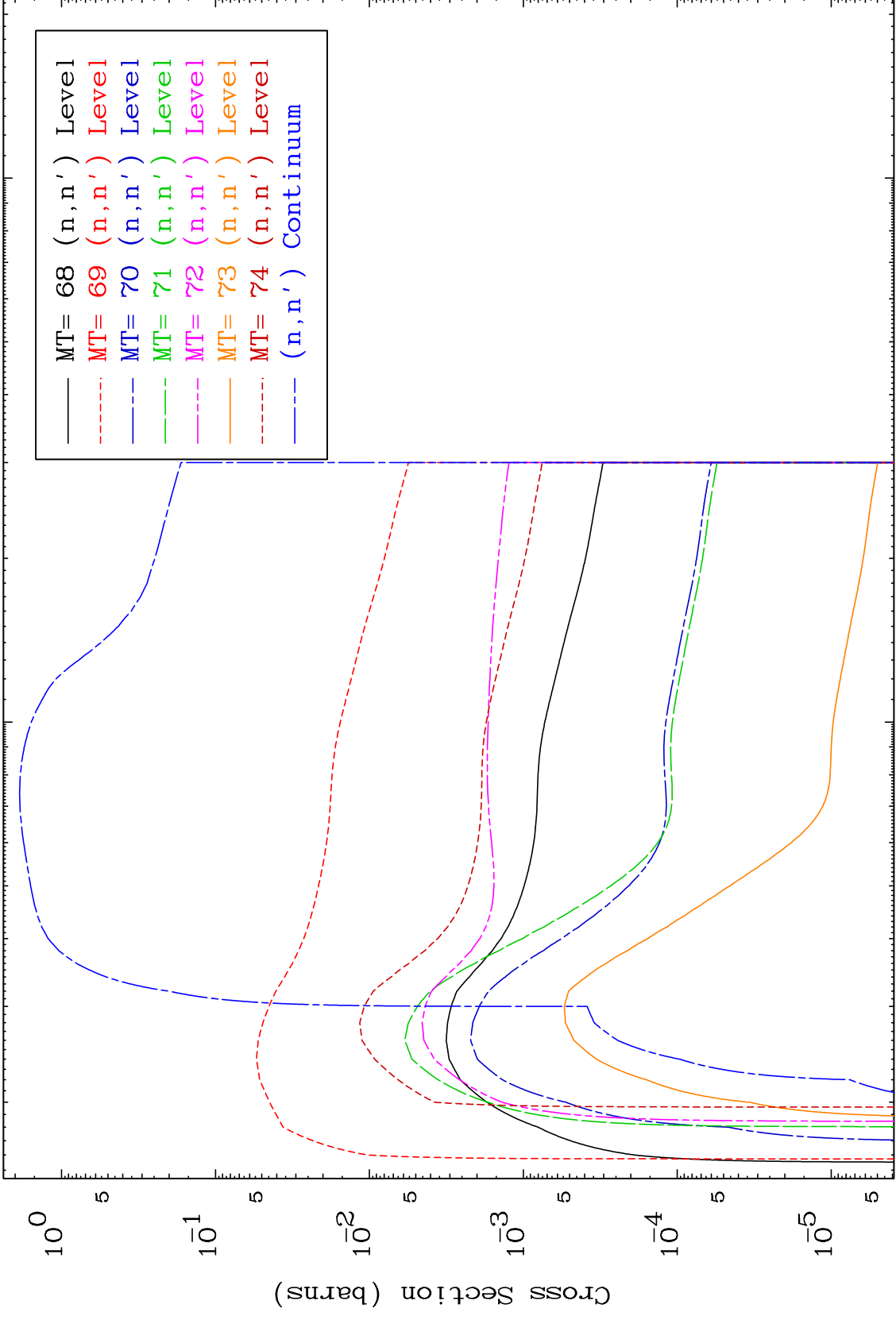
293 Kelvin Cross Sections



Incident Energy (MeV)

67-Ho-151

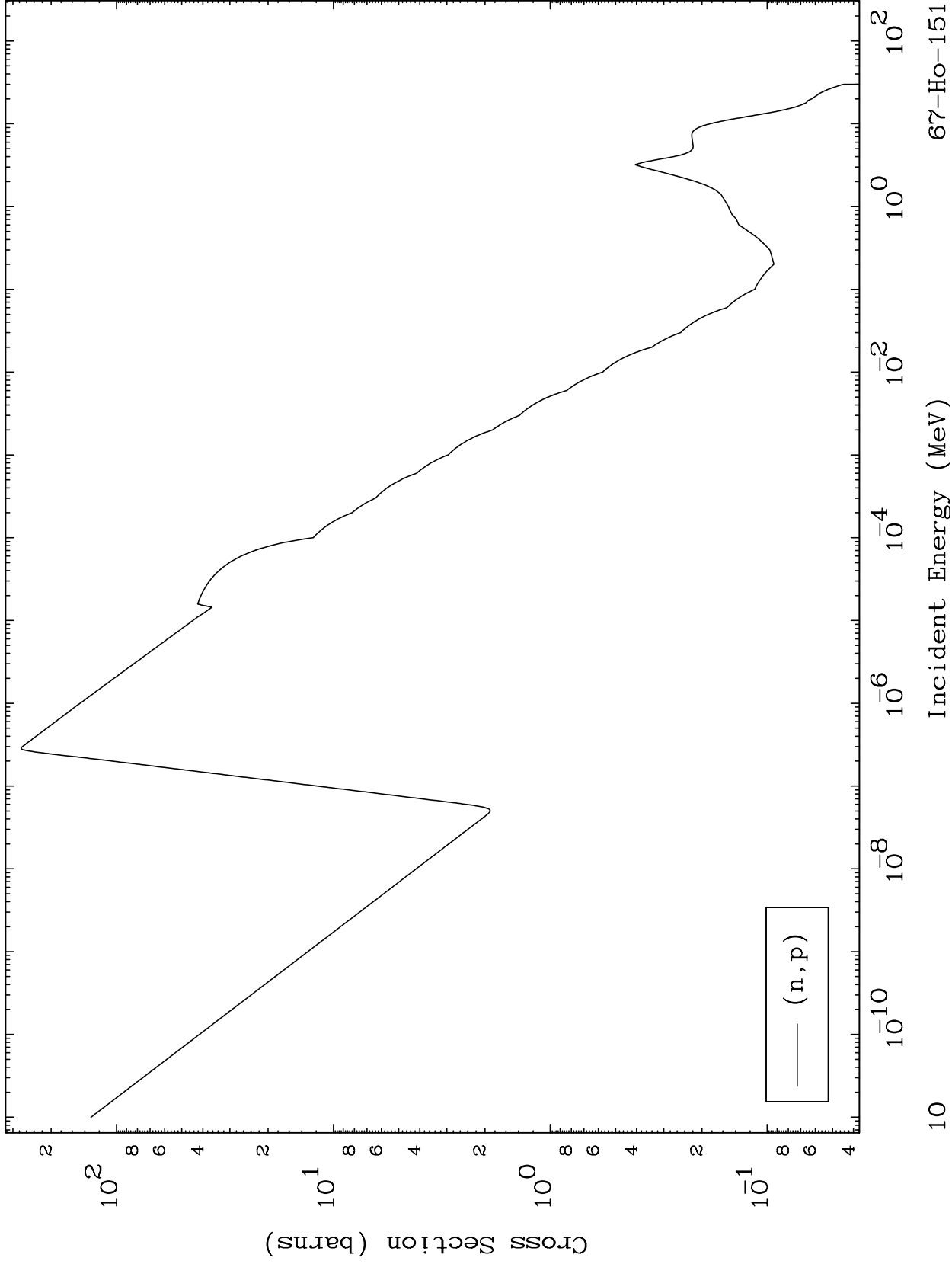
293 Kelvin Cross Sections



MAT 6683

(n,p) Levels
293 Kelvin Cross Sections

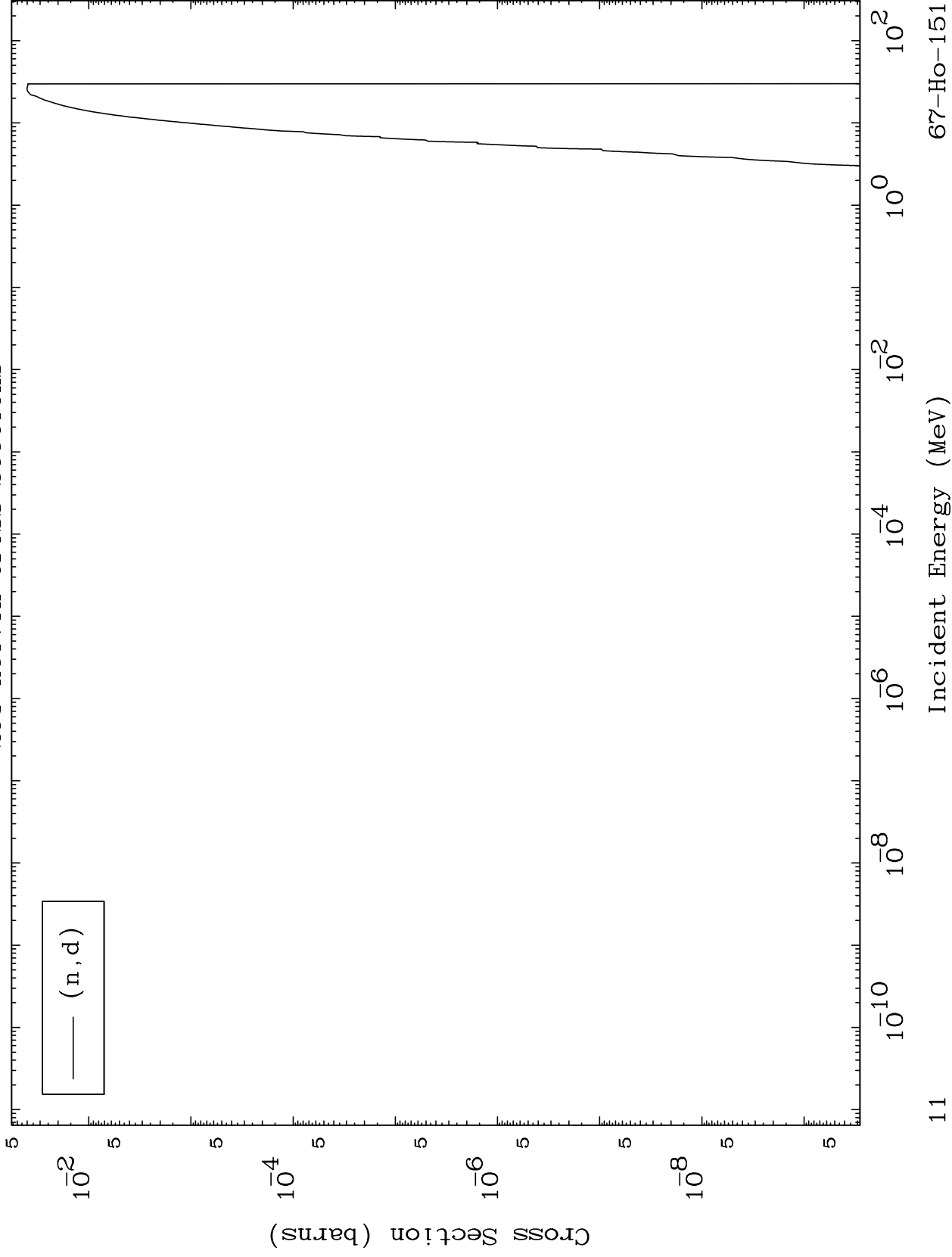
67-Ho-151



MAT 6683

(n,d) Levels
293 Kelvin Cross Sections

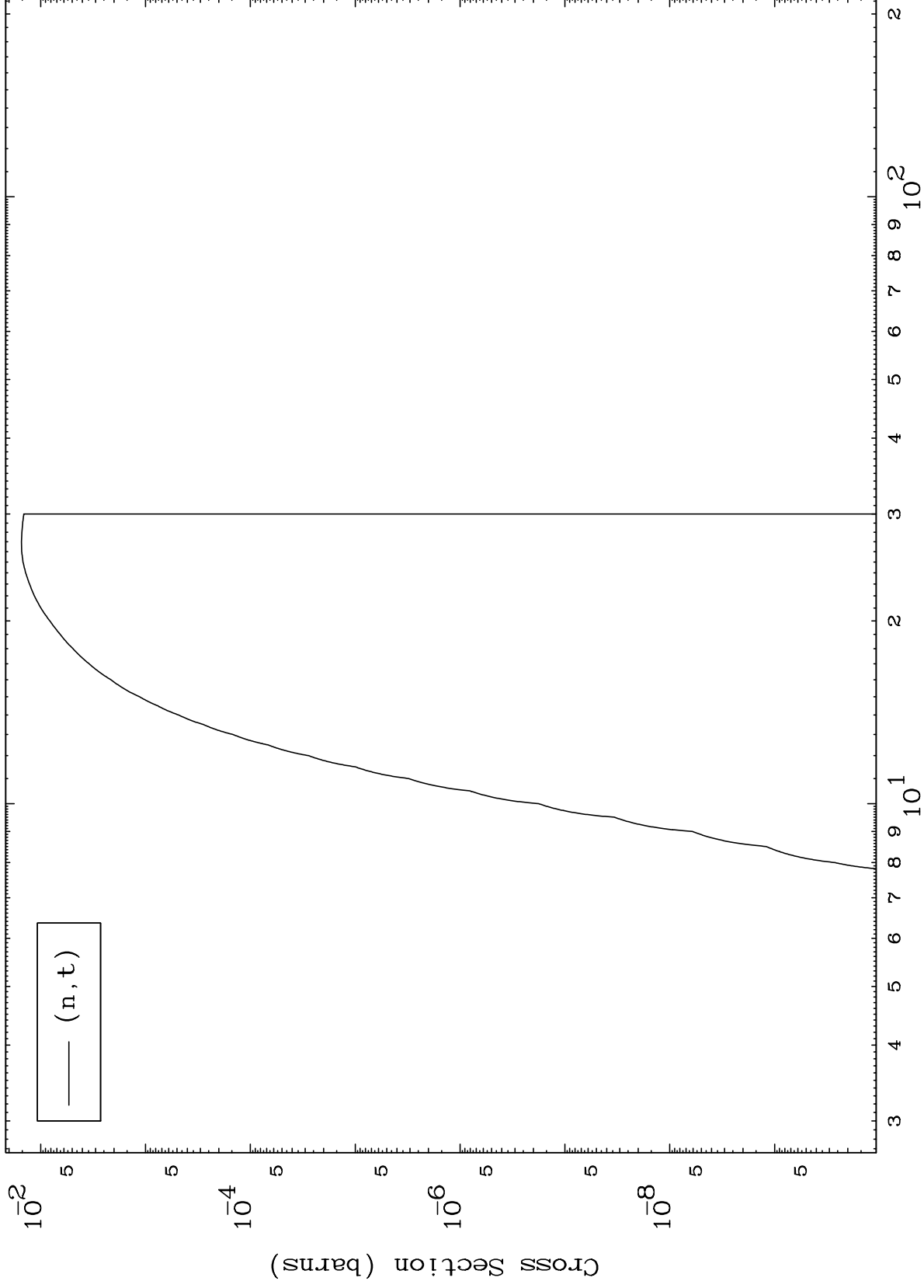
67-Ho-151



MAT 6683

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-151



12

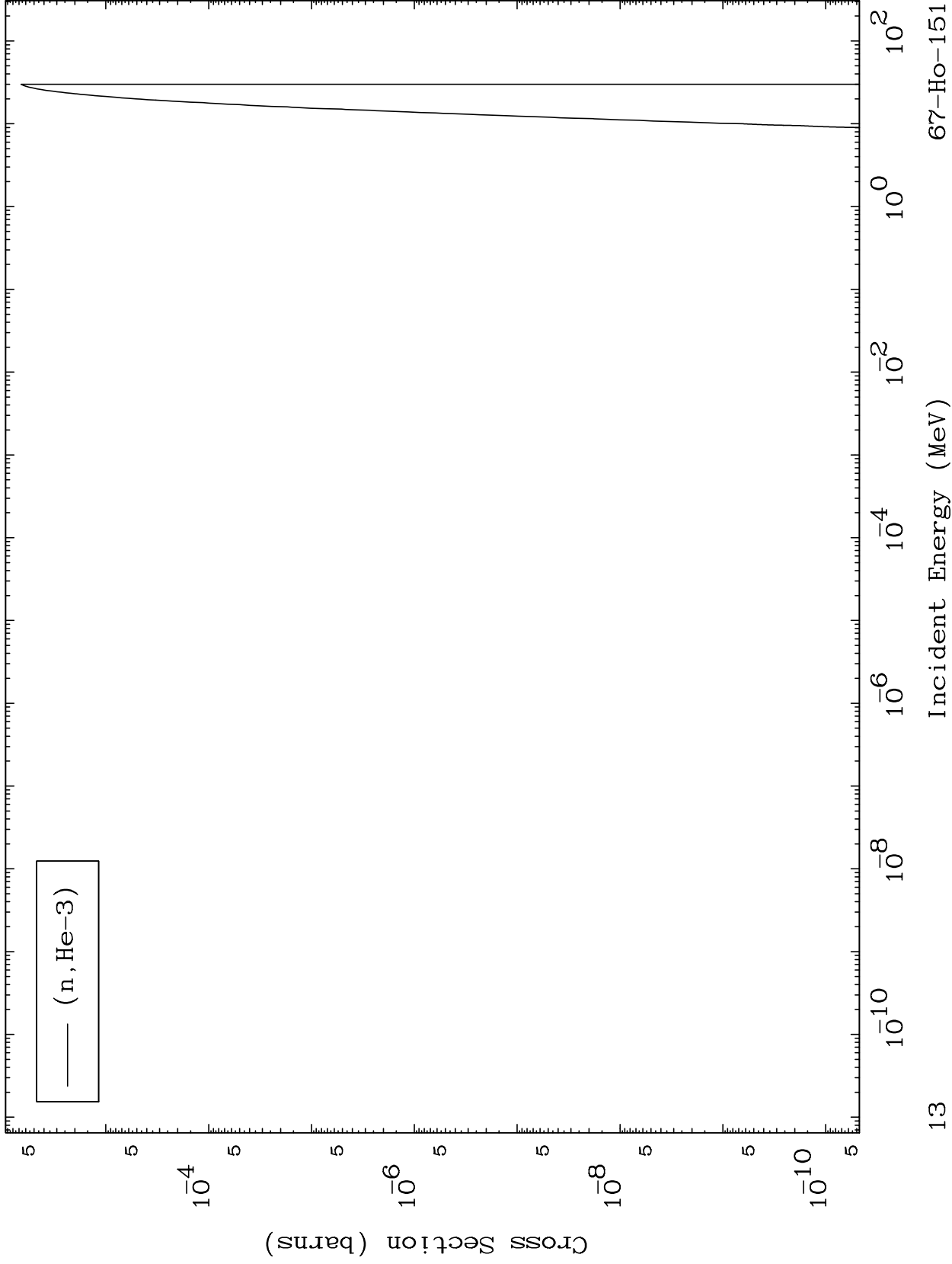
Incident Energy (MeV)

67-Ho-151

MAT 6683

(n,He3) Levels
293 Kelvin Cross Sections

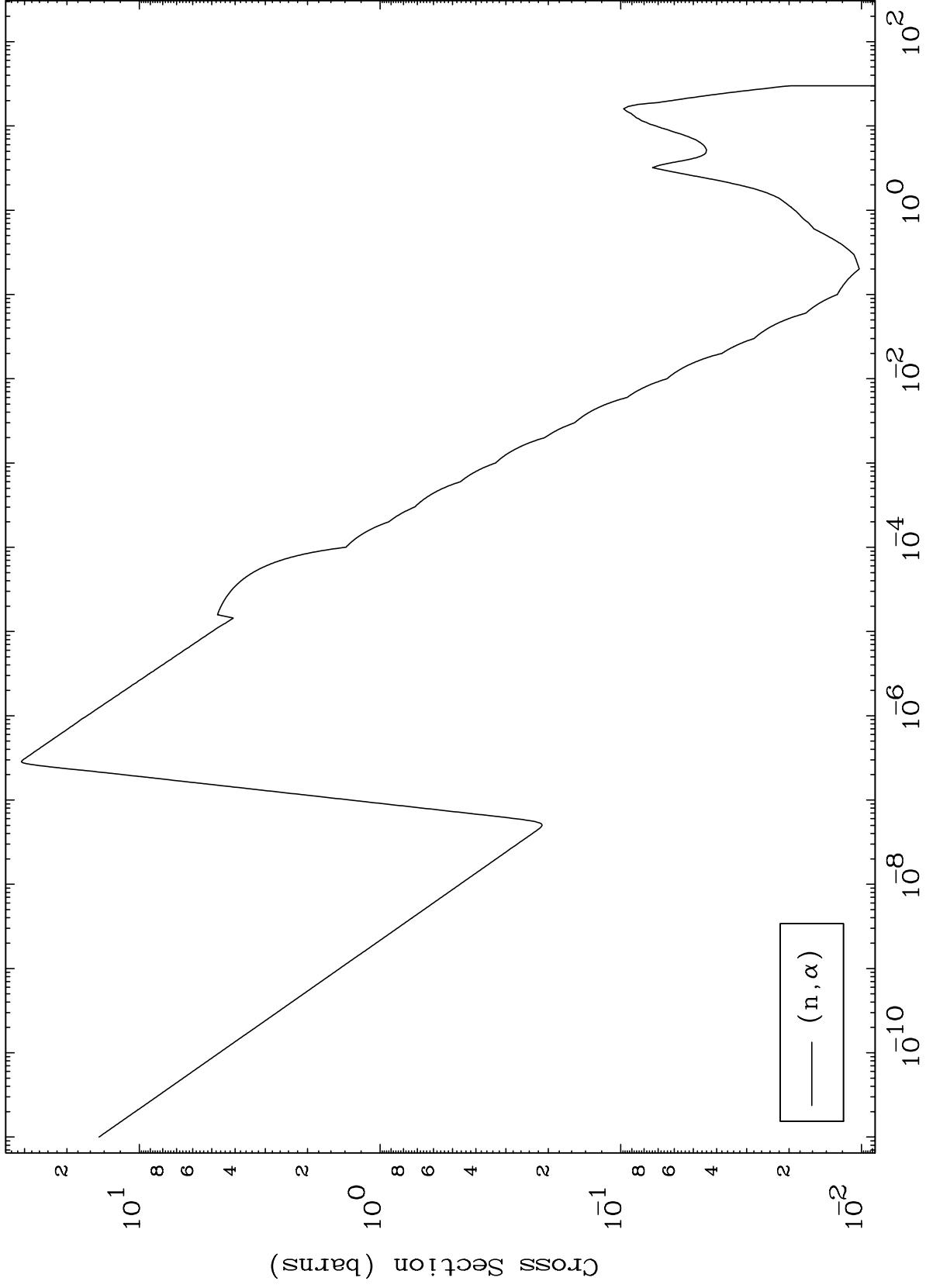
67-Ho-151



MAT 6683

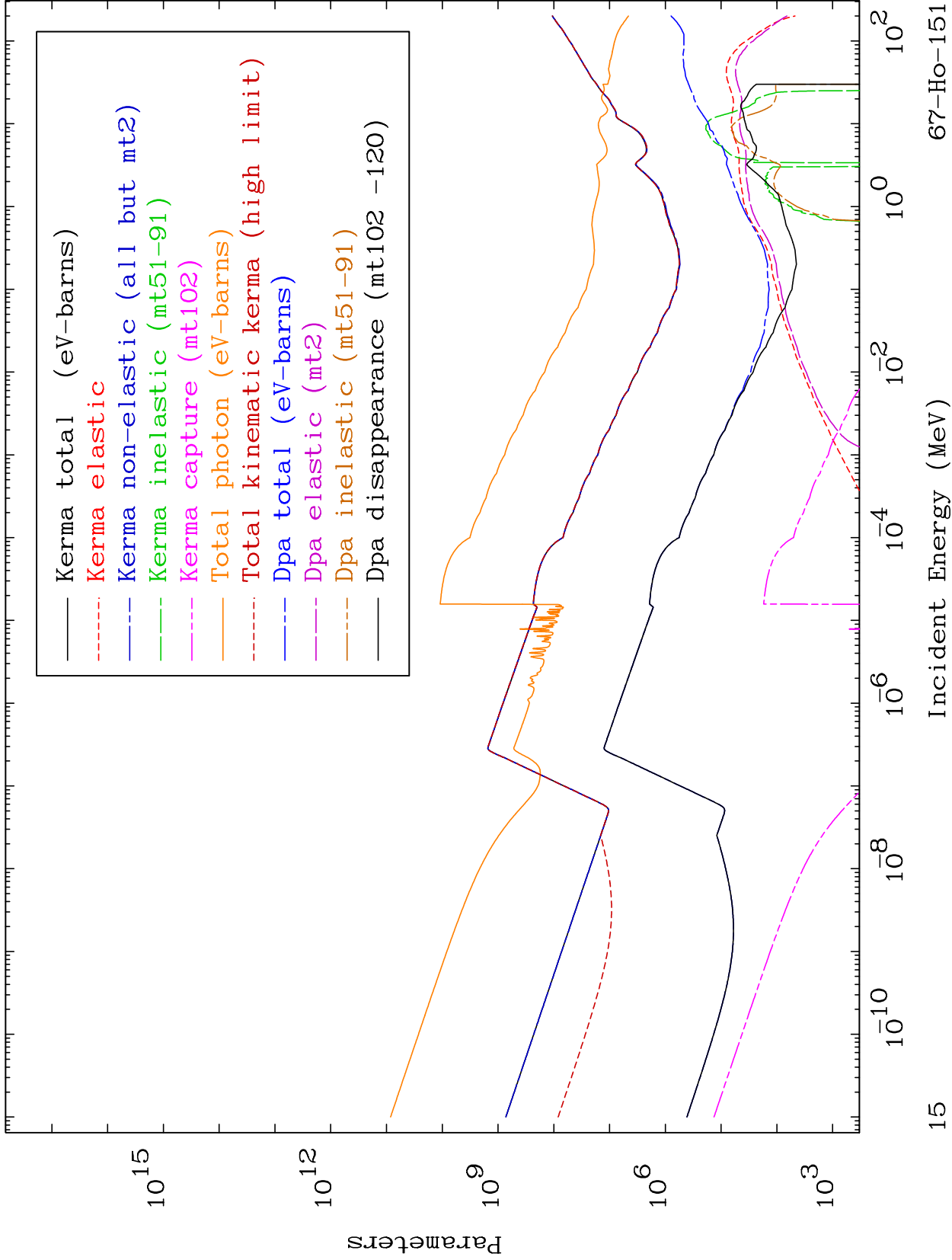
(n, α) Levels
293 Kelvin Cross Sections

67-Ho-151



Incident Energy (MeV)

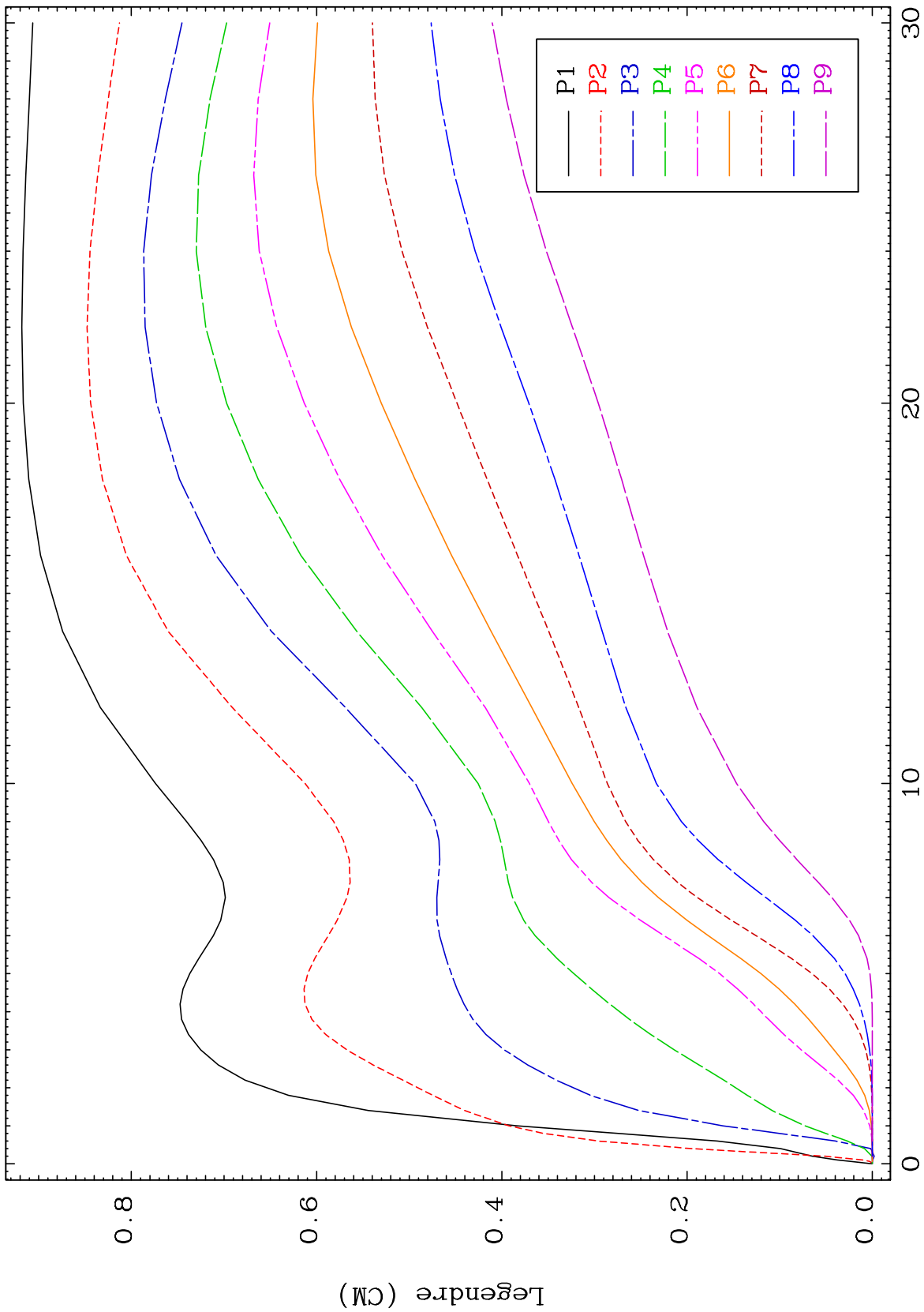
67-Ho-151



MAT 6683

Elastic Legendre Coefficients

67-Ho-151



16

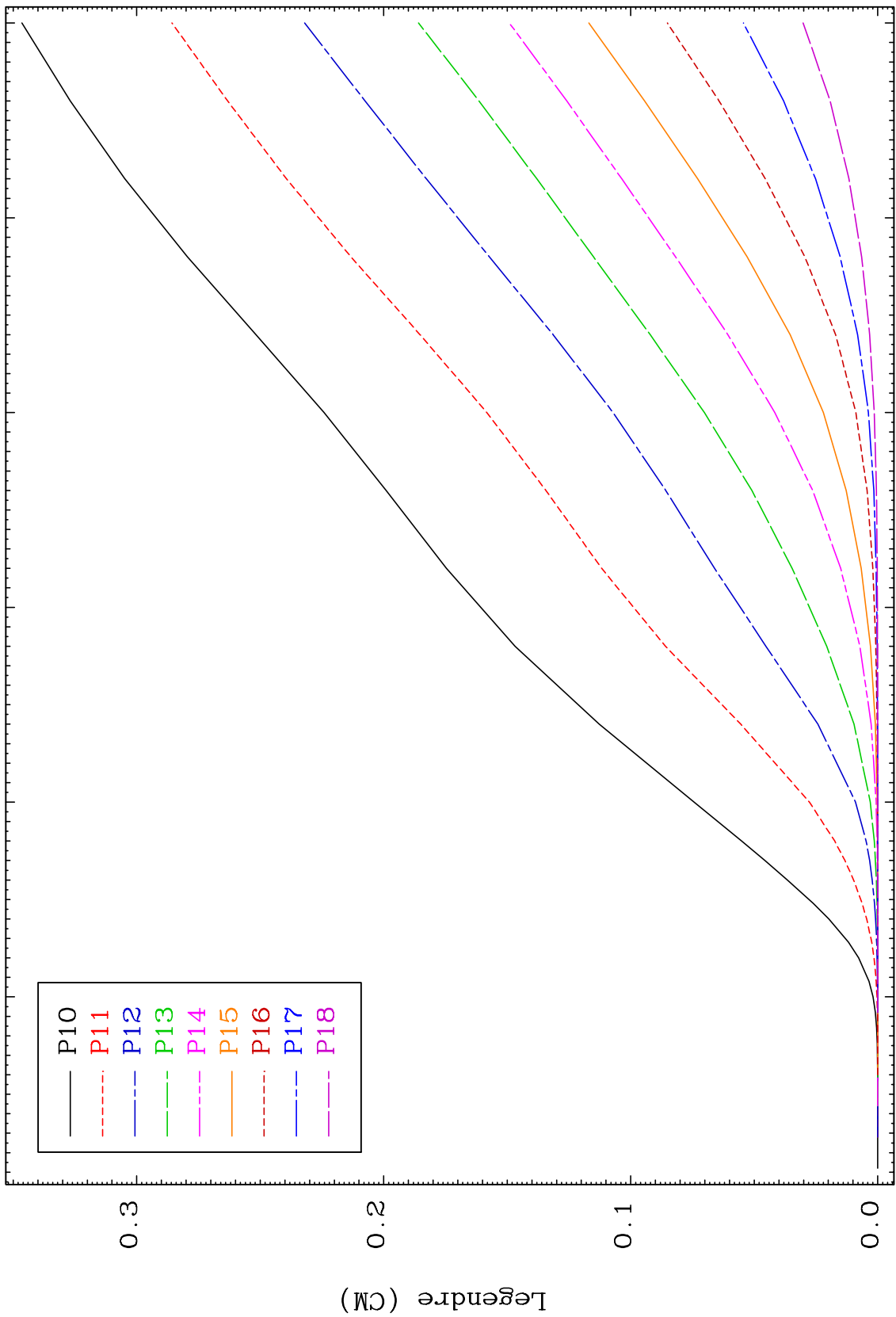
Incident Energy (MeV)

67-Ho-151

MAT 6683

Elastic Legendre Coefficients

67-Ho-151



17

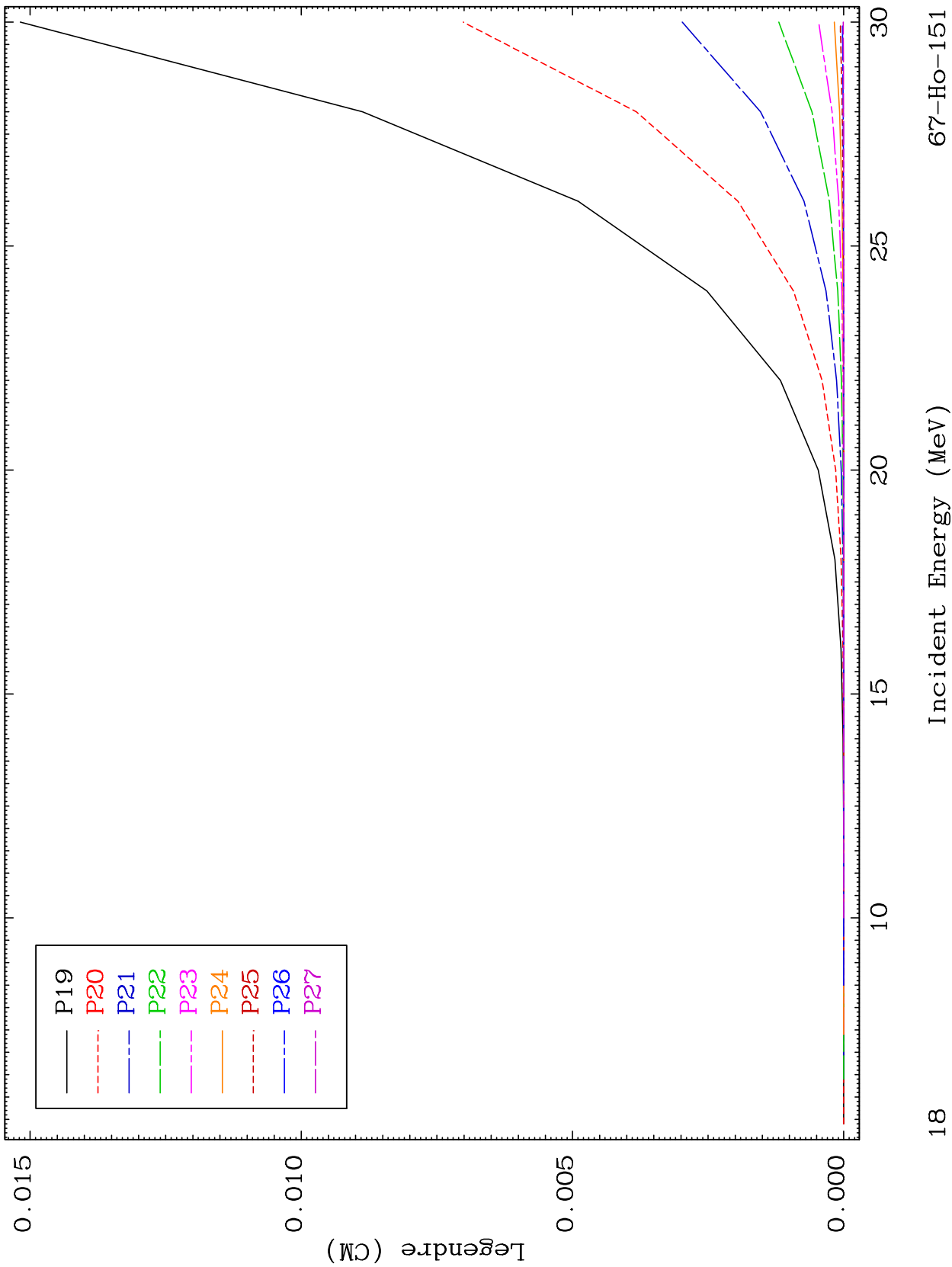
Incident Energy (MeV)

67-Ho-151

MAT 6683

Elastic
Legendre Coefficients

67-Ho-151



18

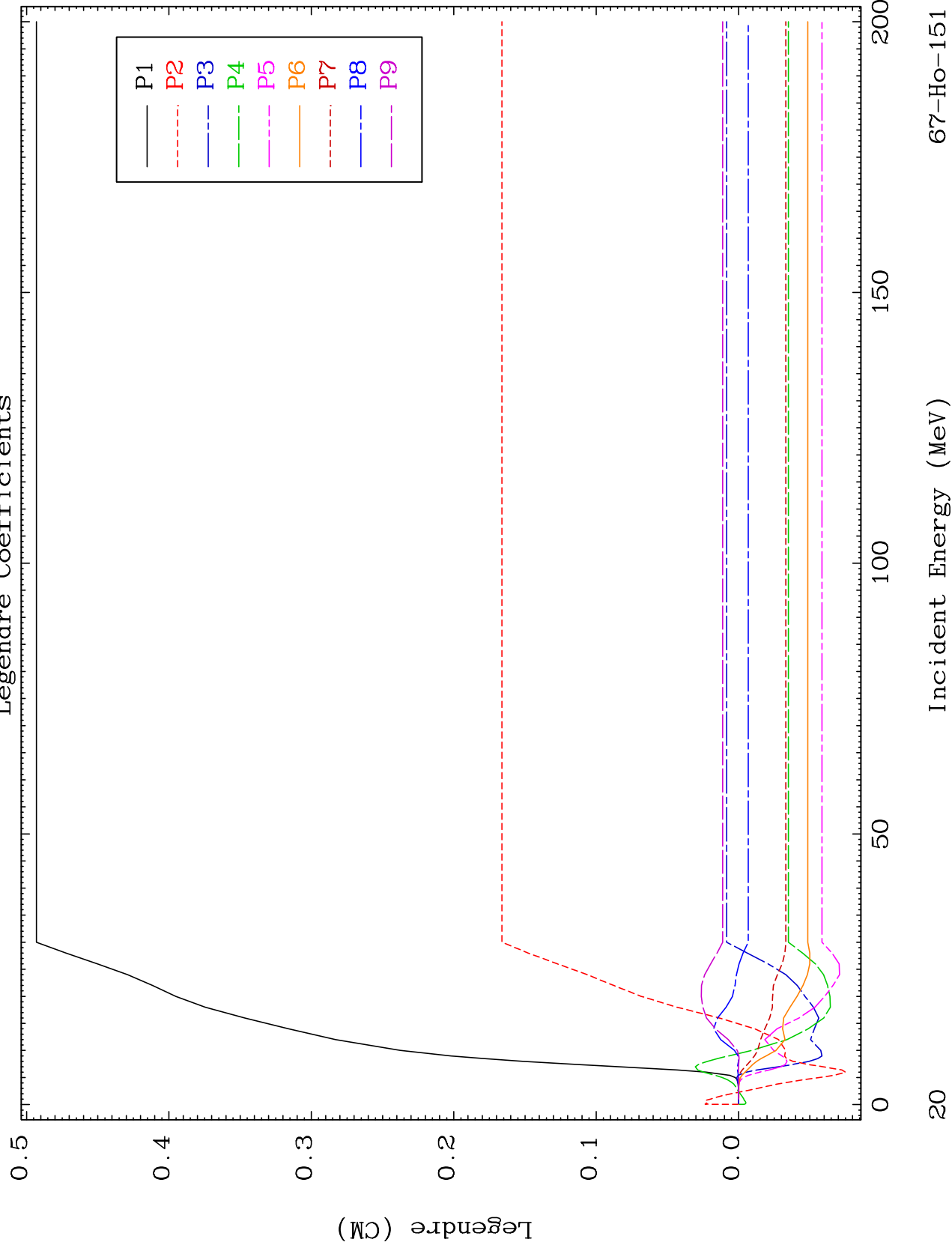
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

Incident Energy (MeV)

0

50

100

150

200

0.5

0.4

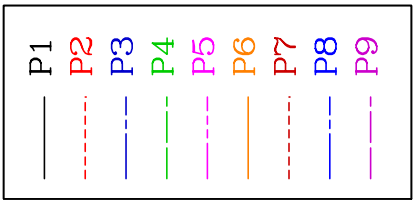
0.3

0.2

0.1

0.0

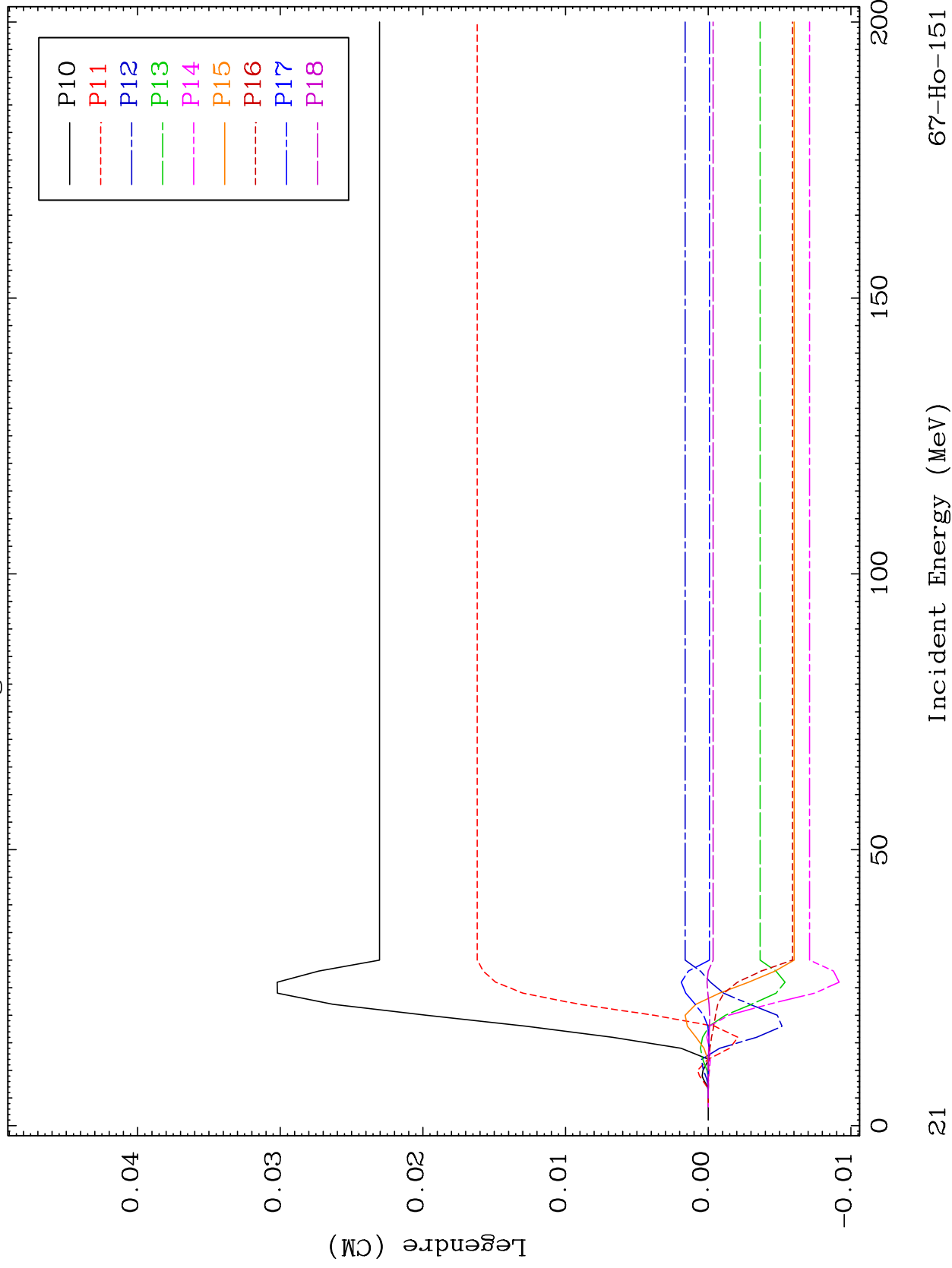
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MAT 6683

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

67-Ho-151



67-Ho-151

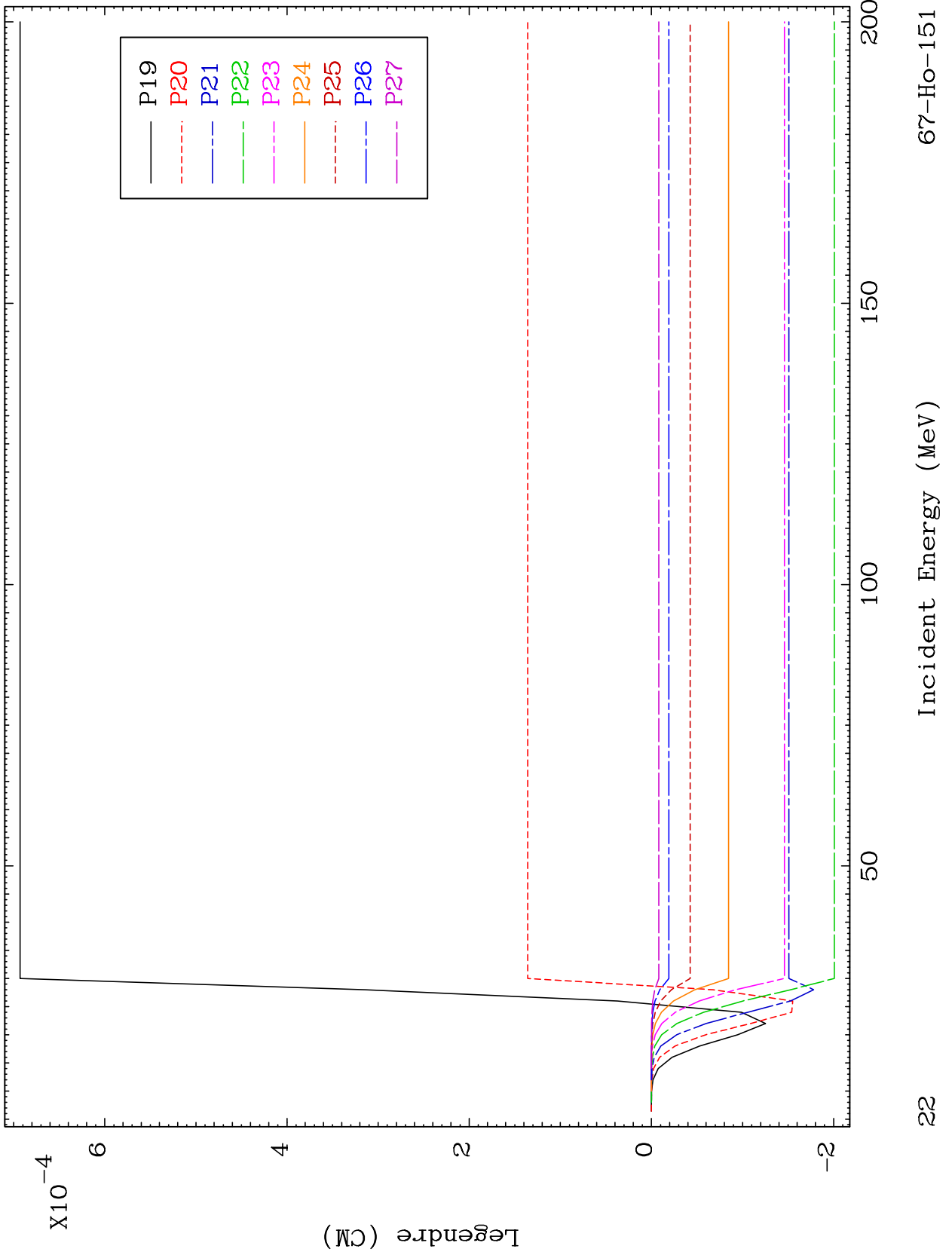
Incident Energy (MeV)

21

MAT 6683

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

67-Ho-151



22

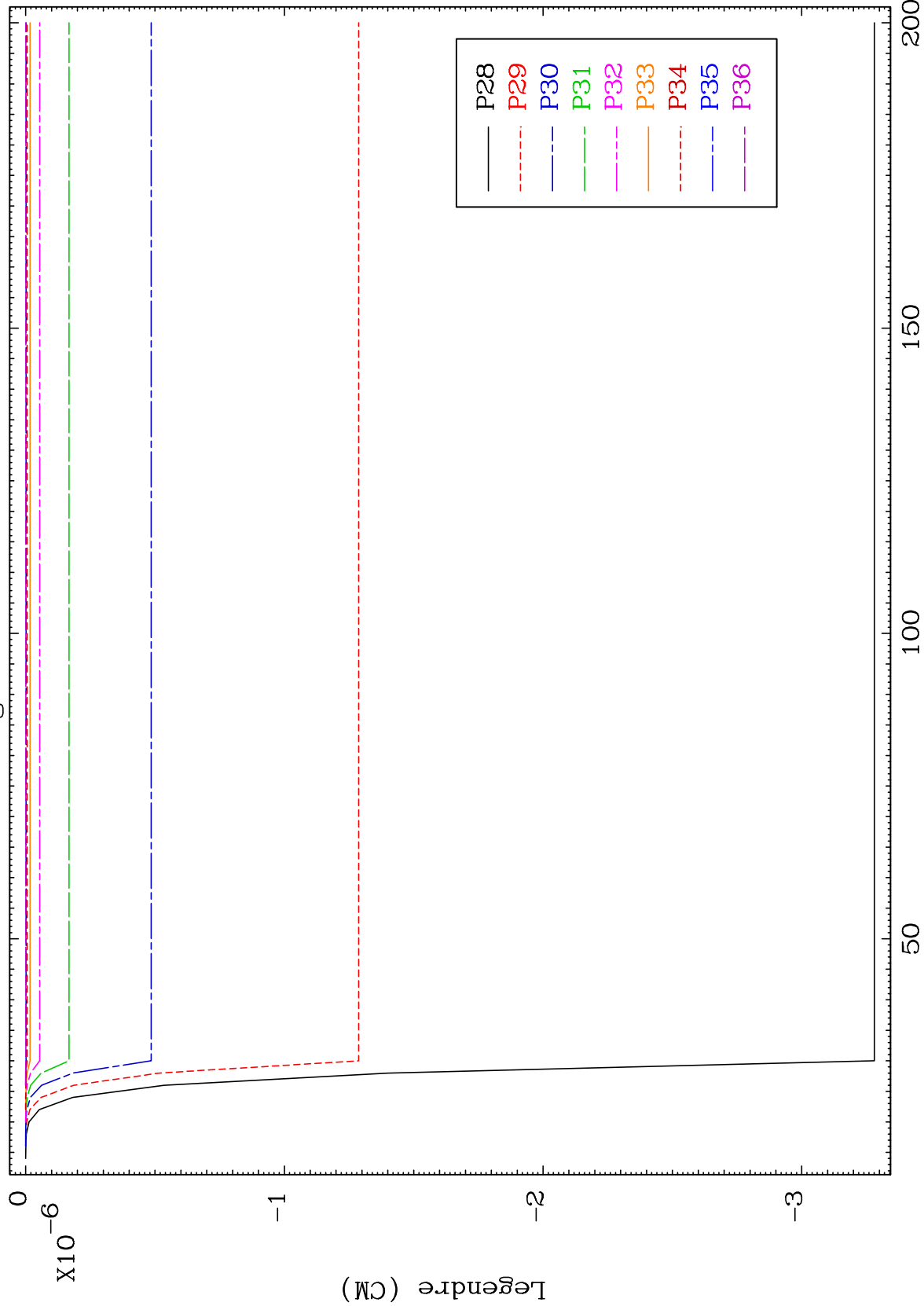
67-Ho-151

MAT 6683

MT= 51 (n,n') Level

67-Ho-151

Legendre Coefficients



23

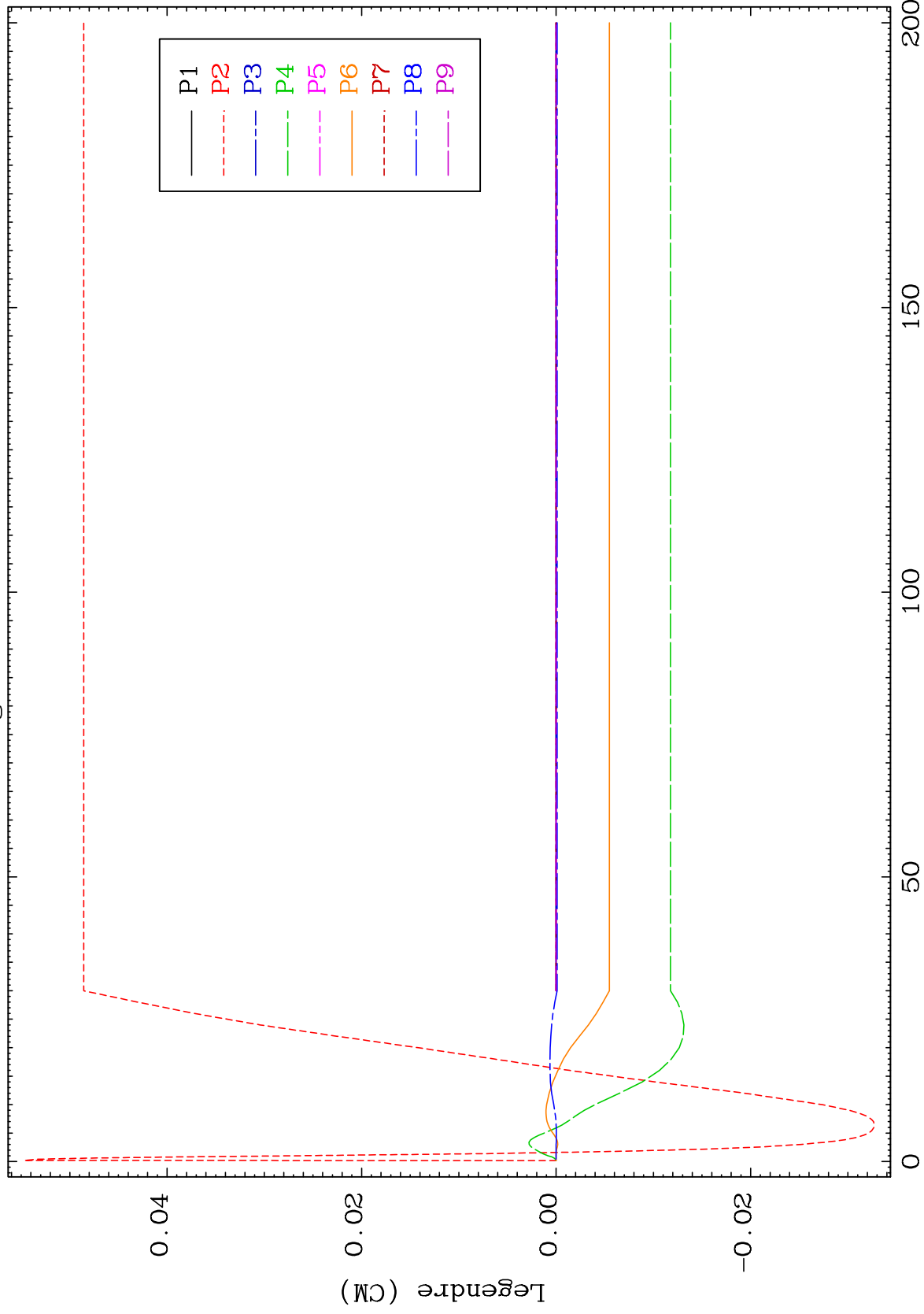
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

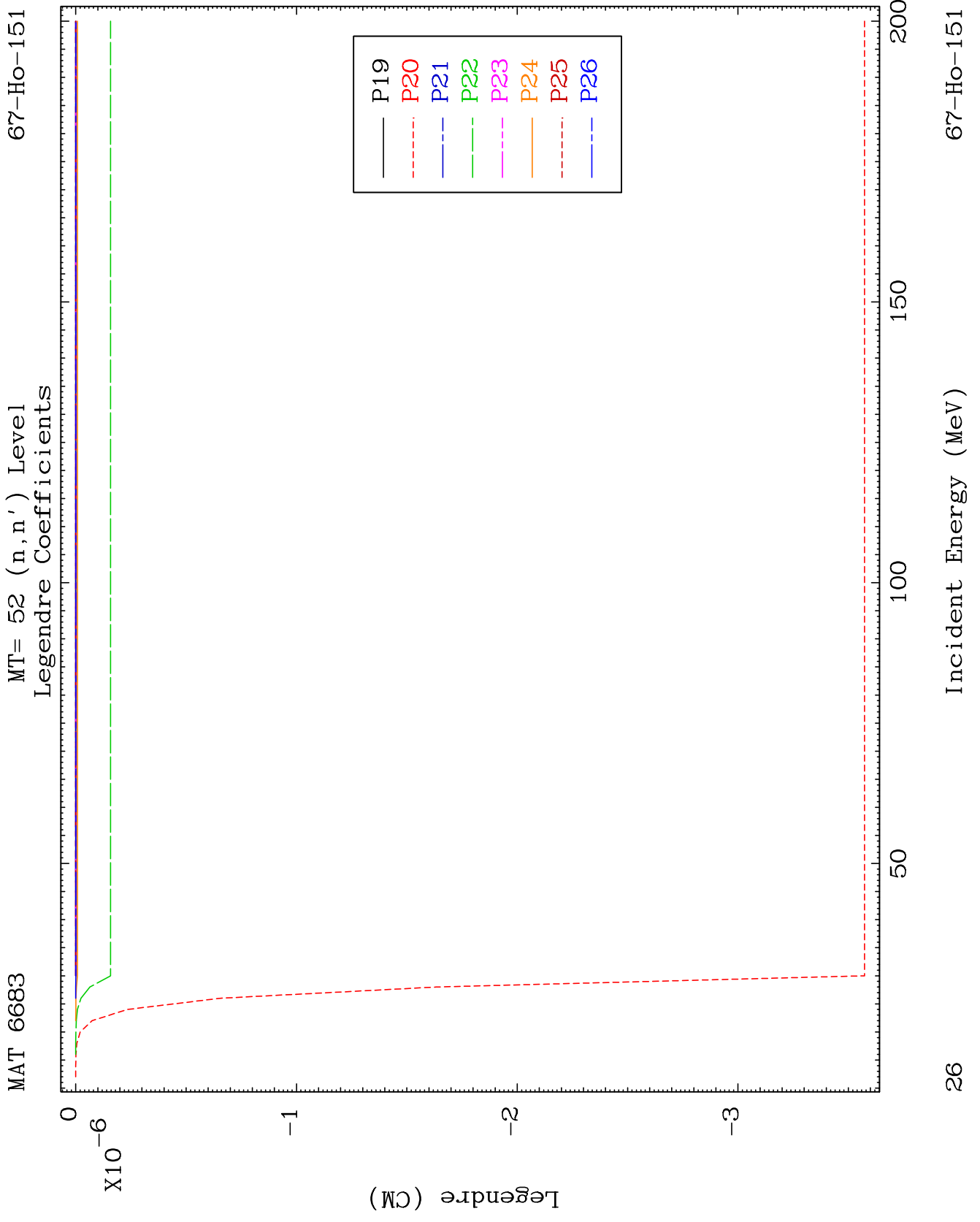
67-Ho-151



24

Incident Energy (MeV)

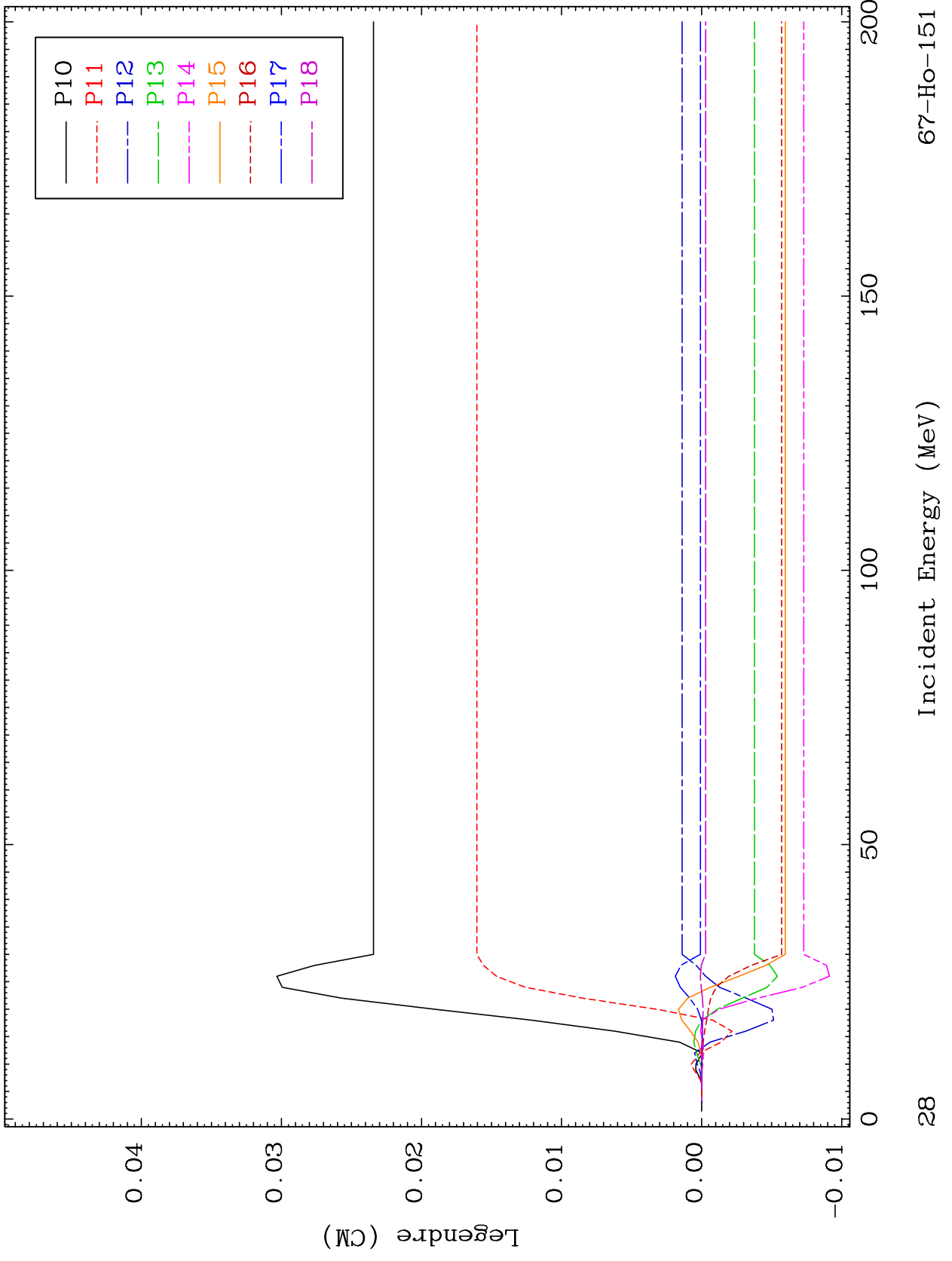
67-Ho-151



MAT 6683

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

67-Ho-151



28

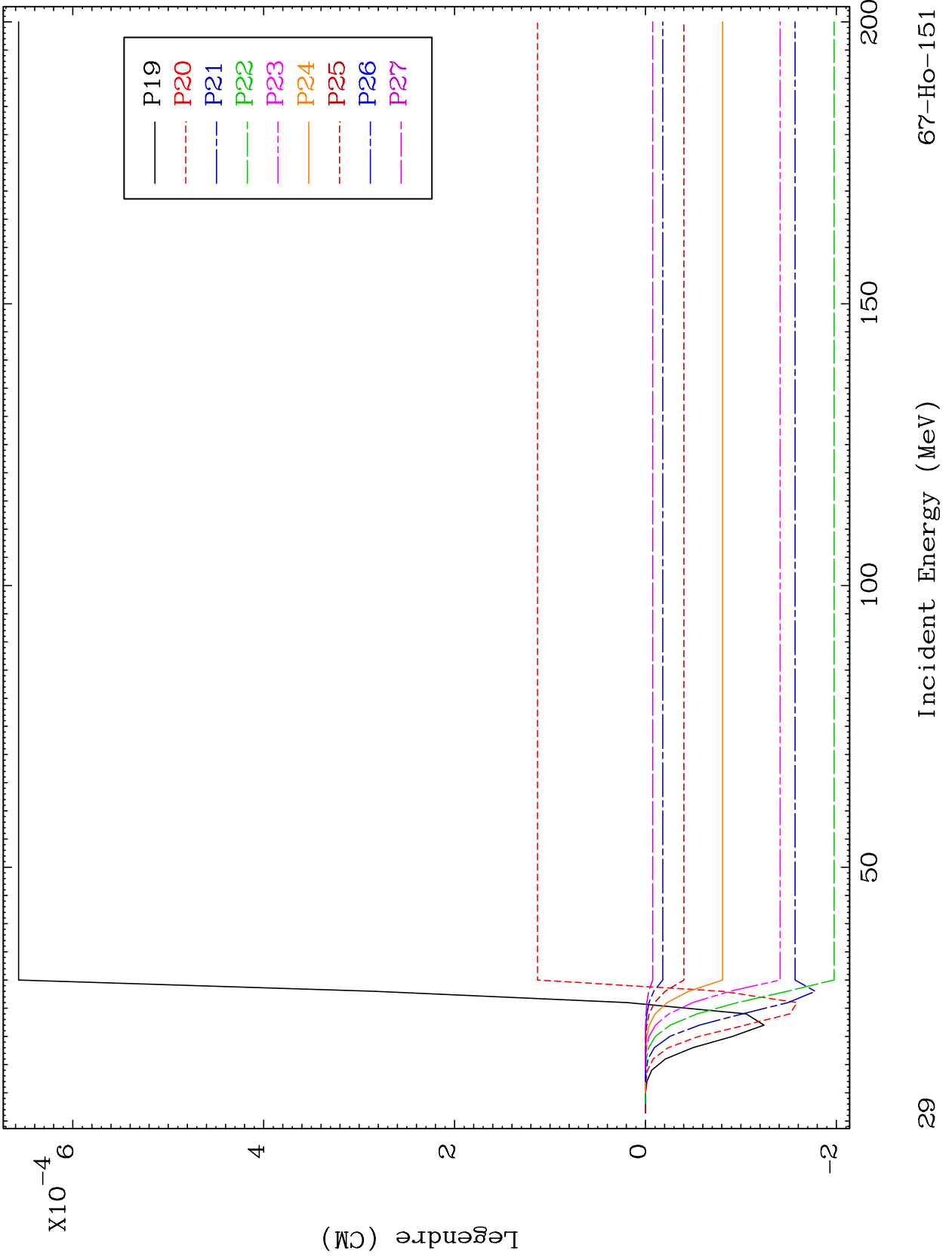
Incident Energy (MeV)

67-Ho-151

MAT 6683

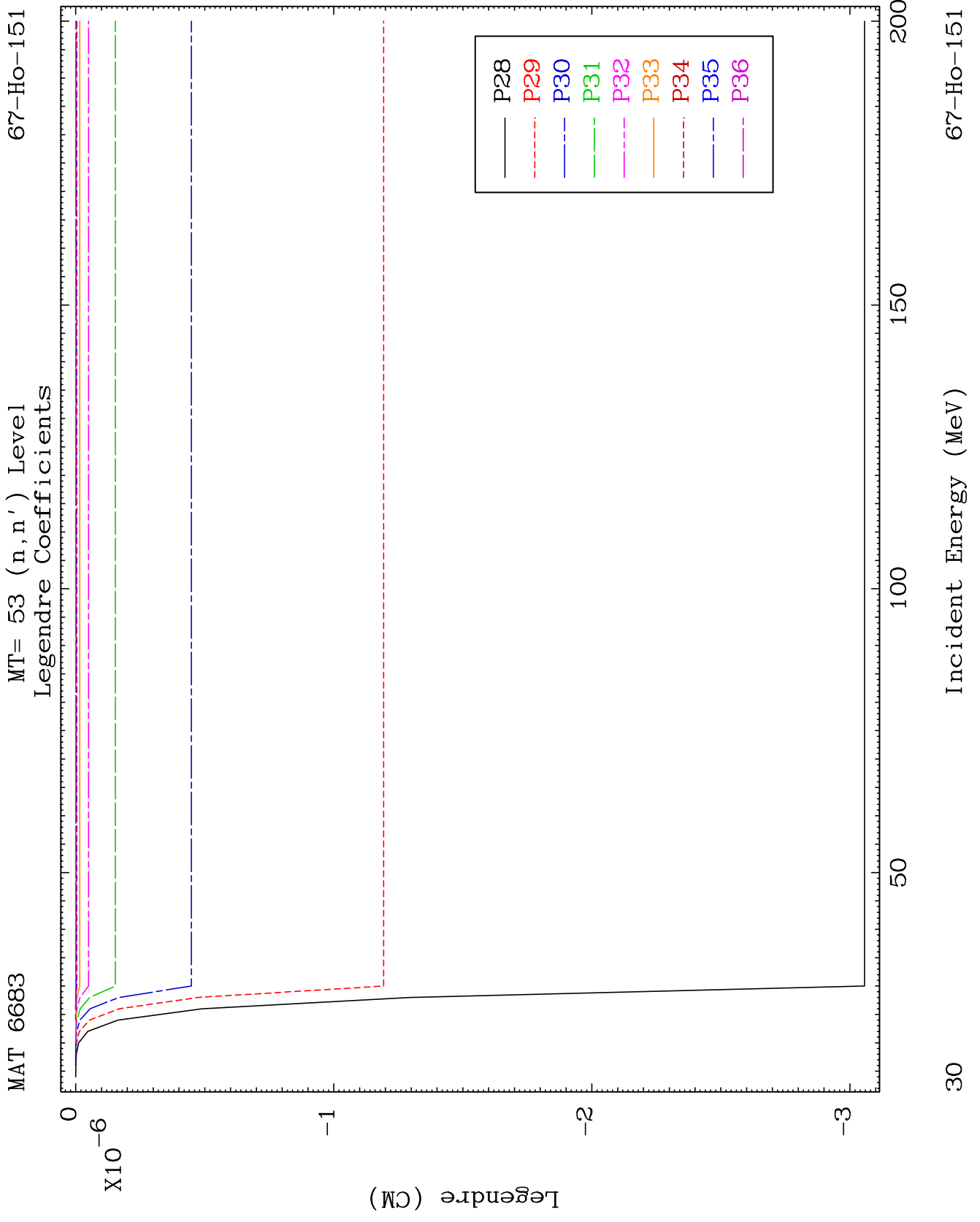
MT= 53 (n,n') Level
Legendre Coefficients

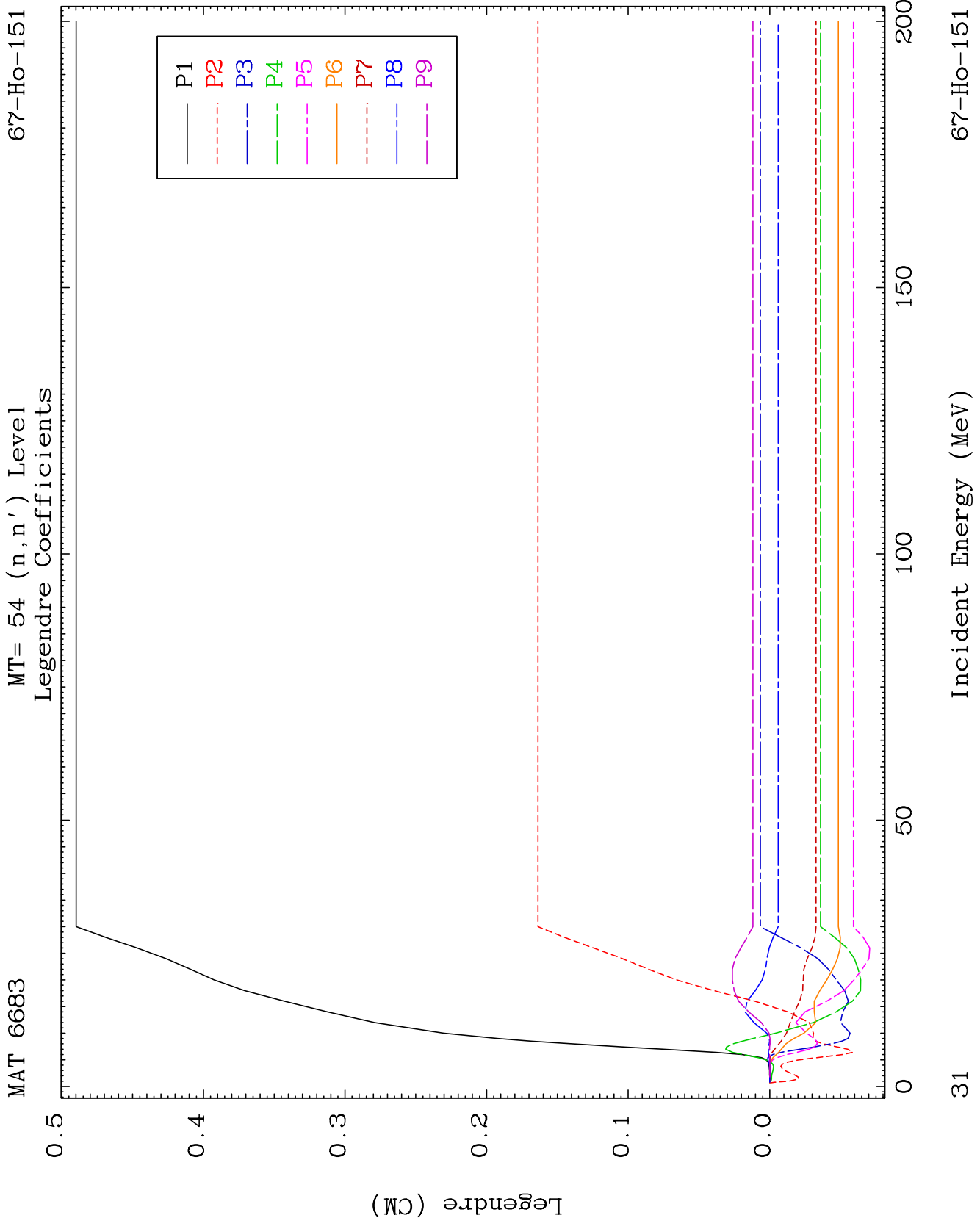
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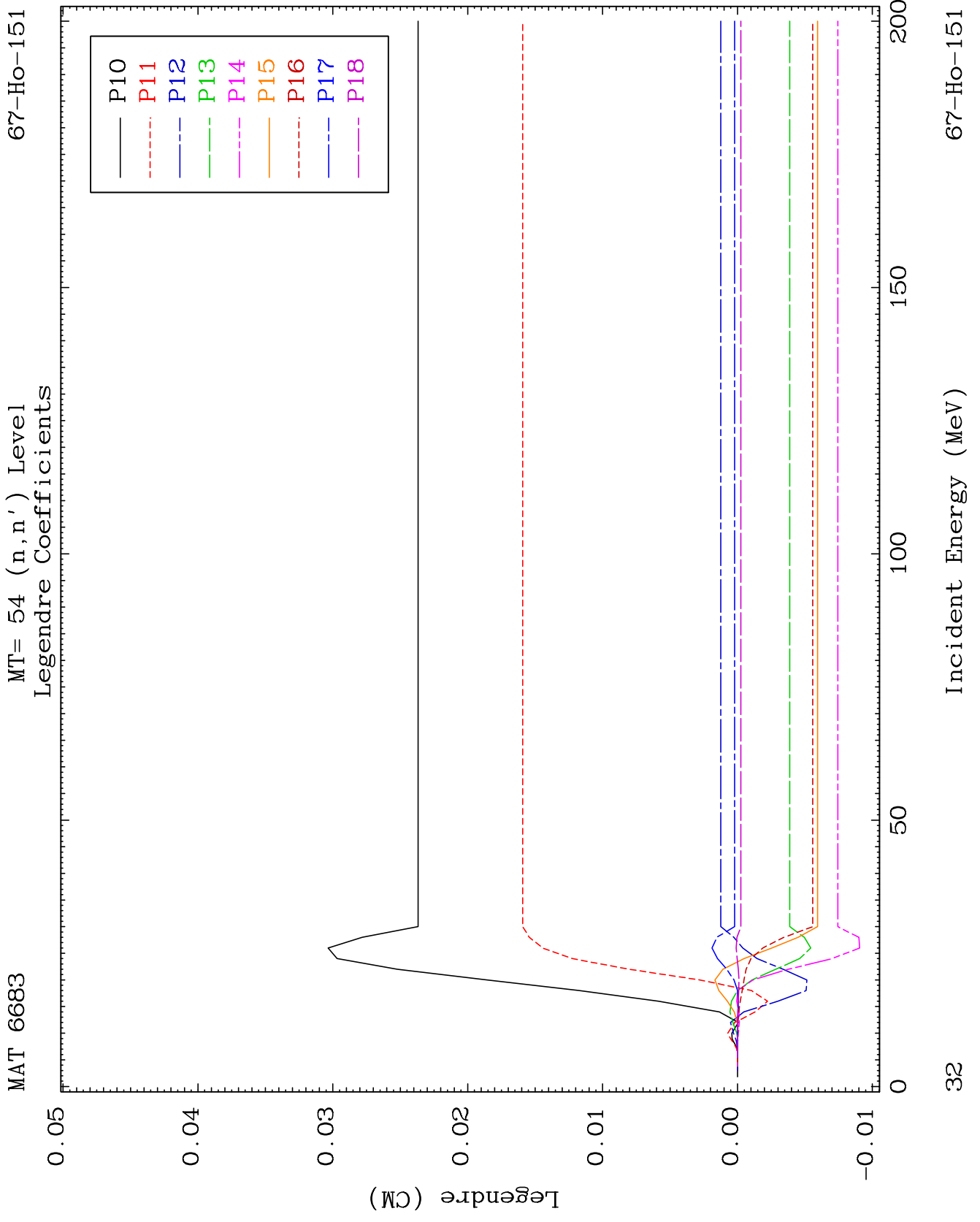


29

67-Ho-151



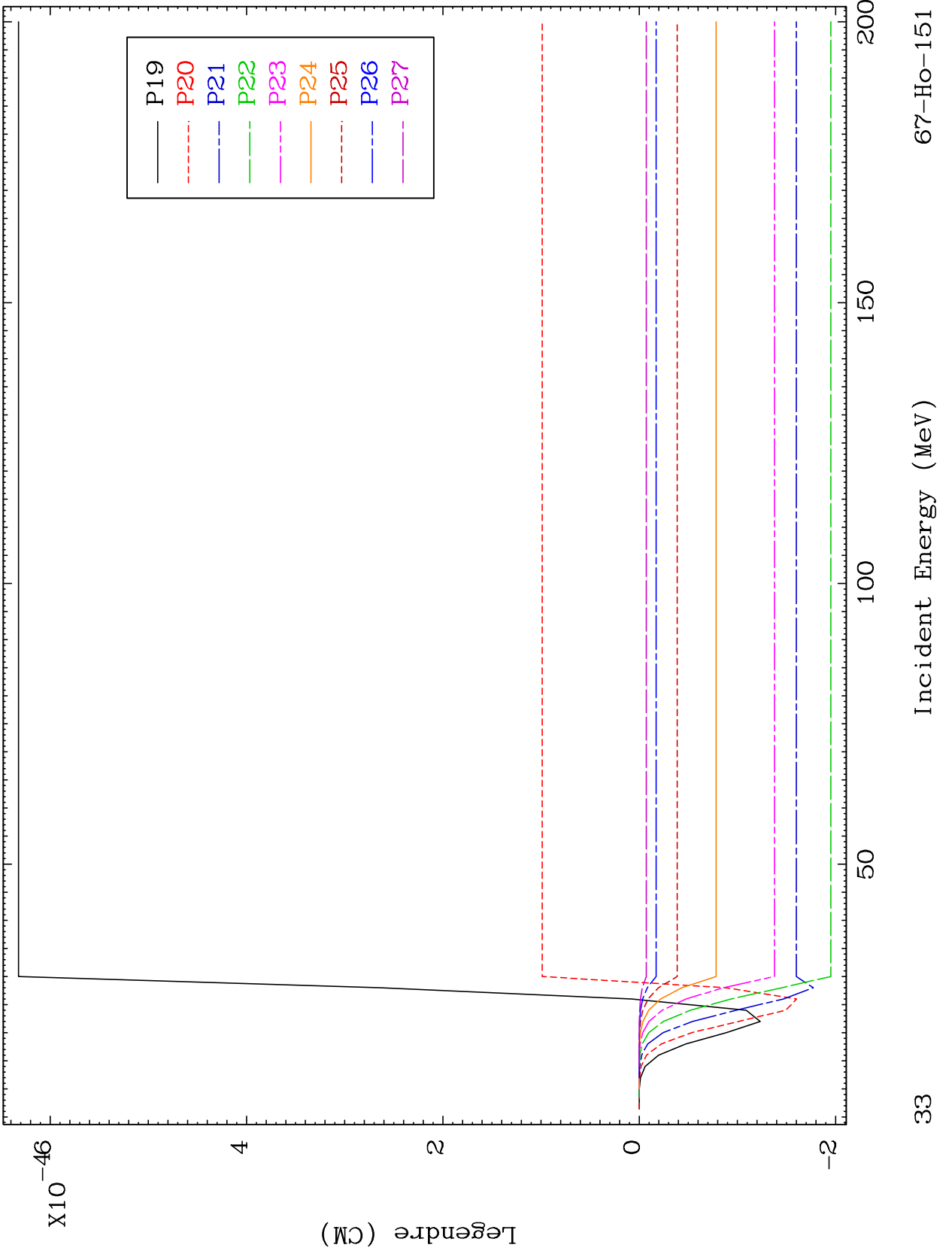


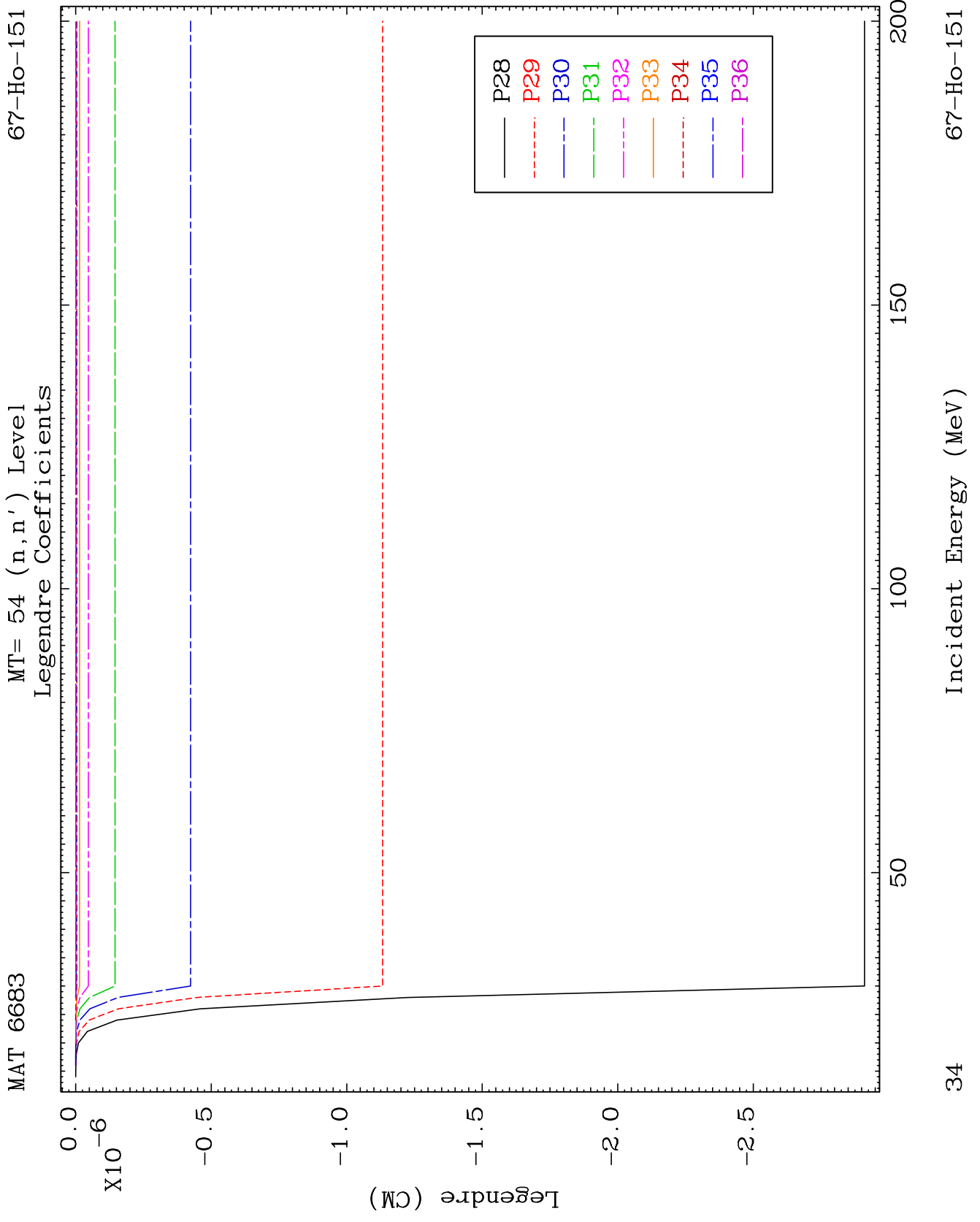


MAT 6683

MT= 54 (n,n') Level
Legendre Coefficients

67-Ho-151

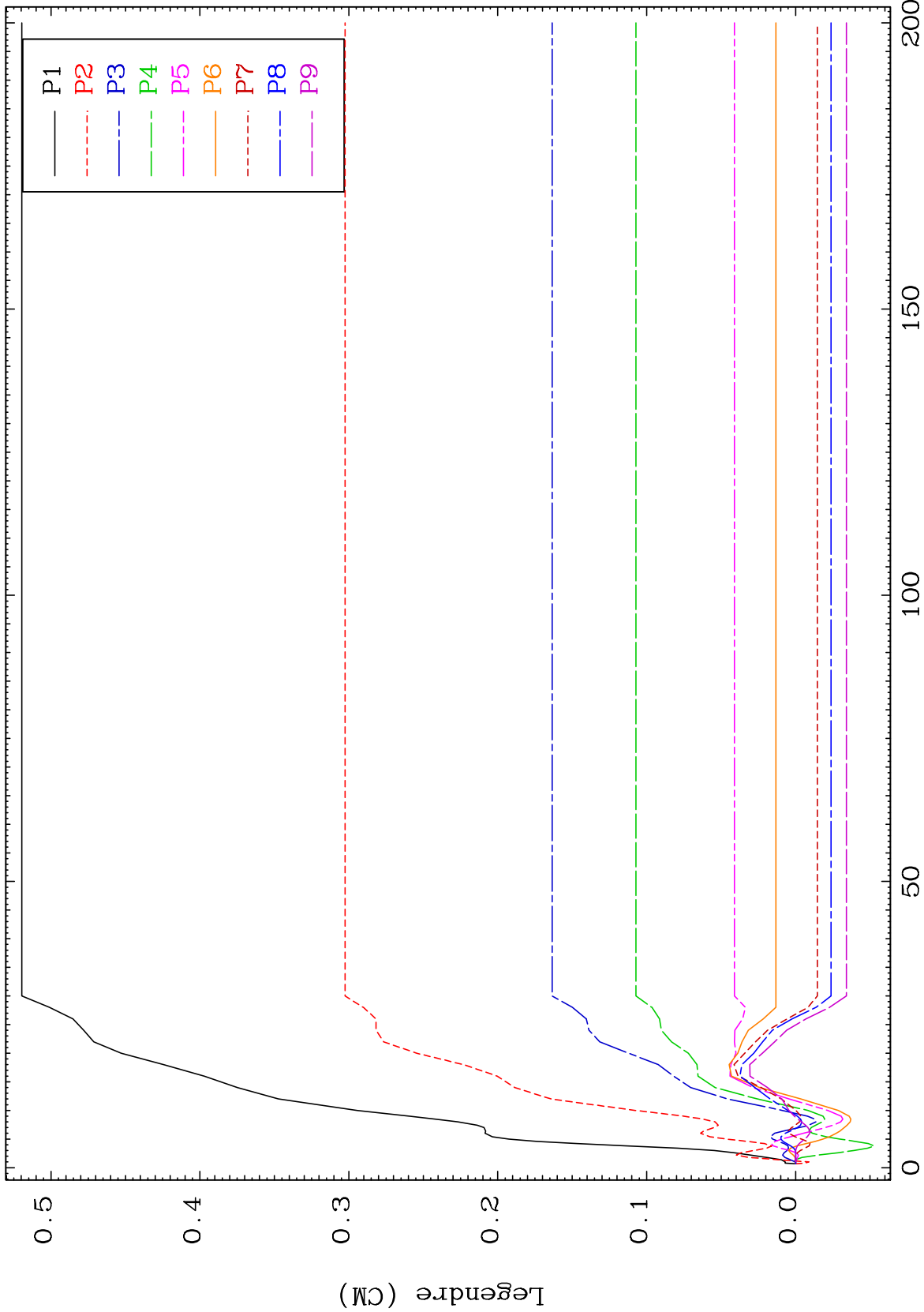




MAT 6683

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

67-Ho-151



67-Ho-151

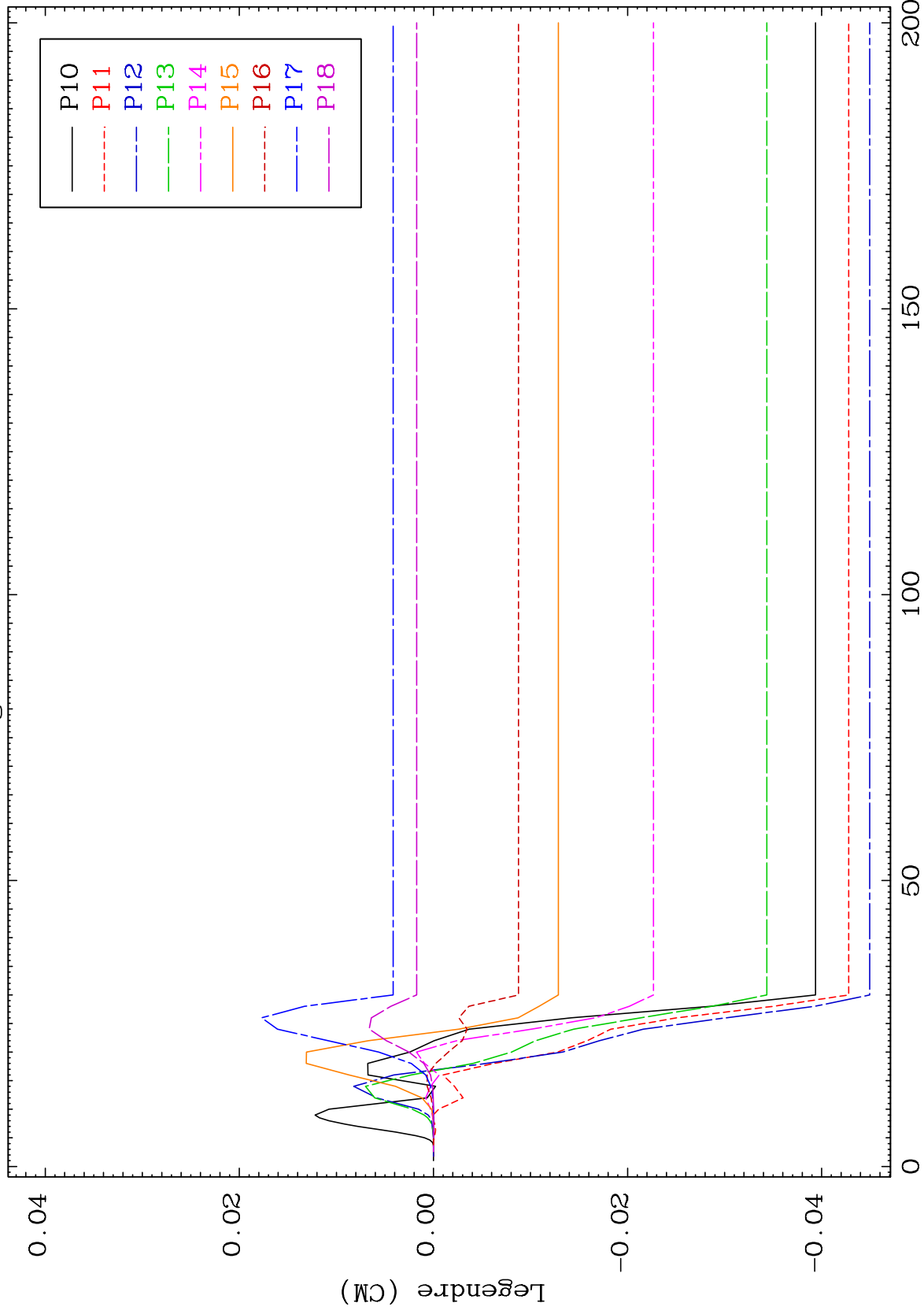
Incident Energy (MeV)

35

MAT 6683

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

67-Ho-151



36

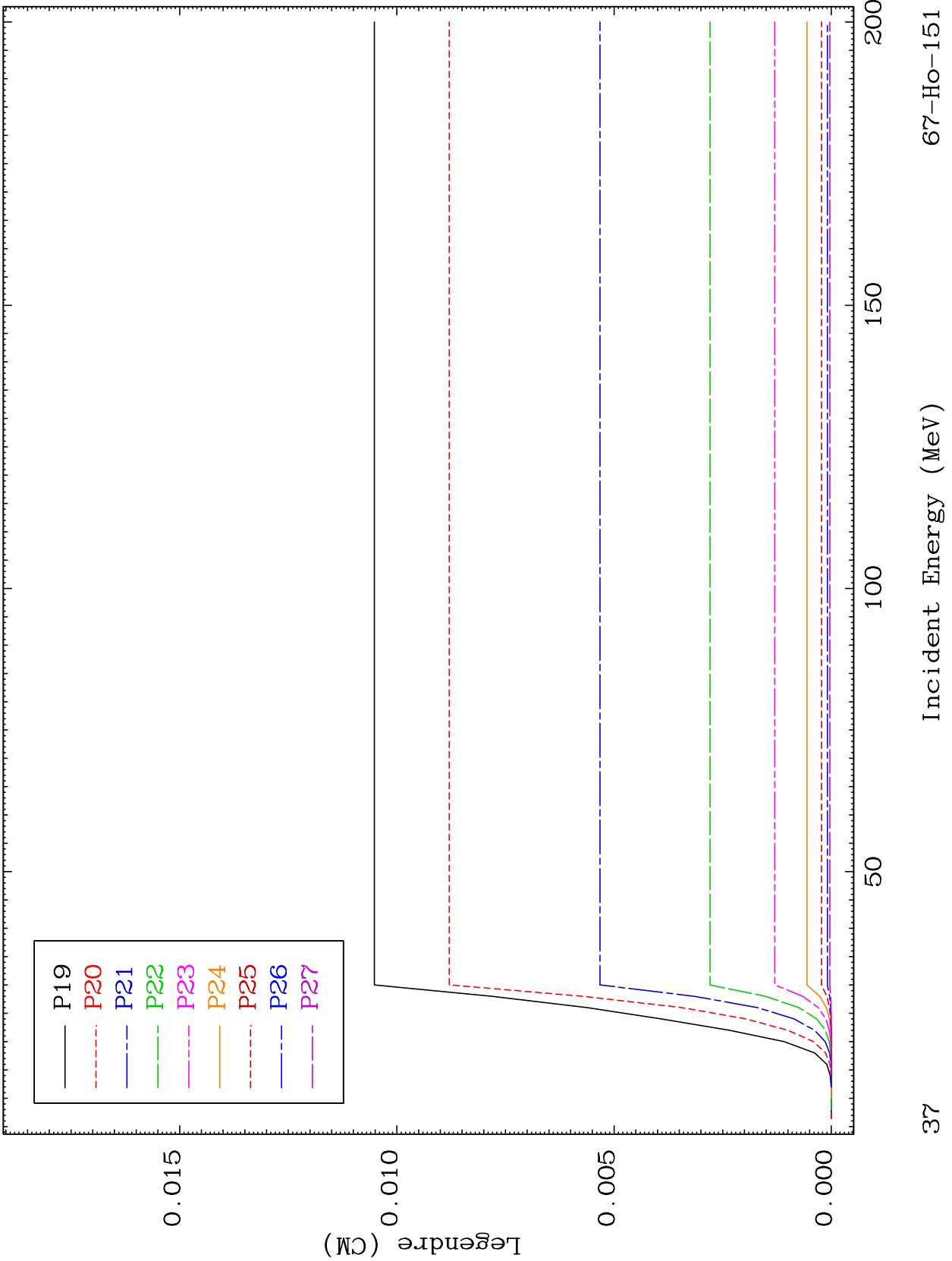
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



37

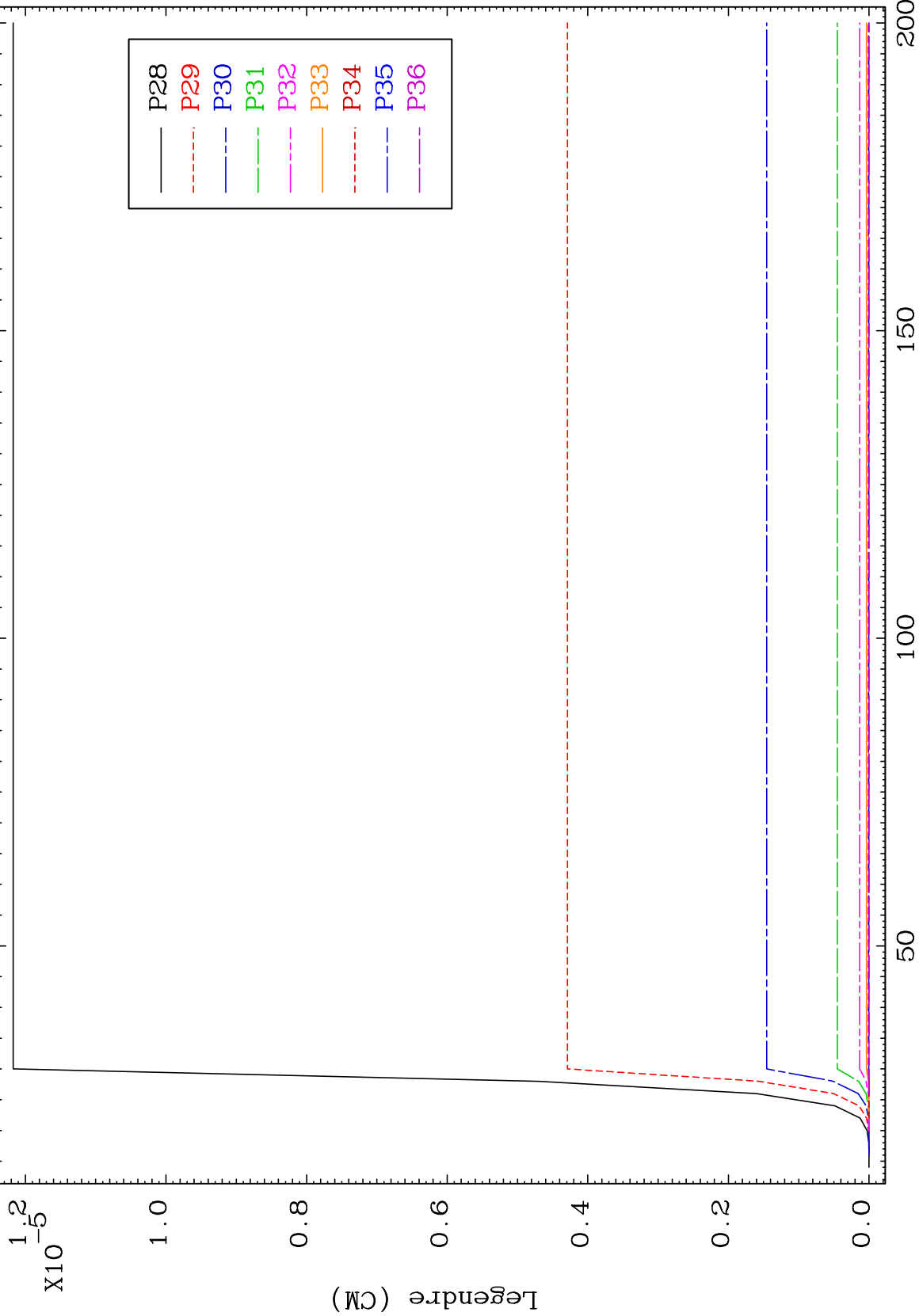
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



38

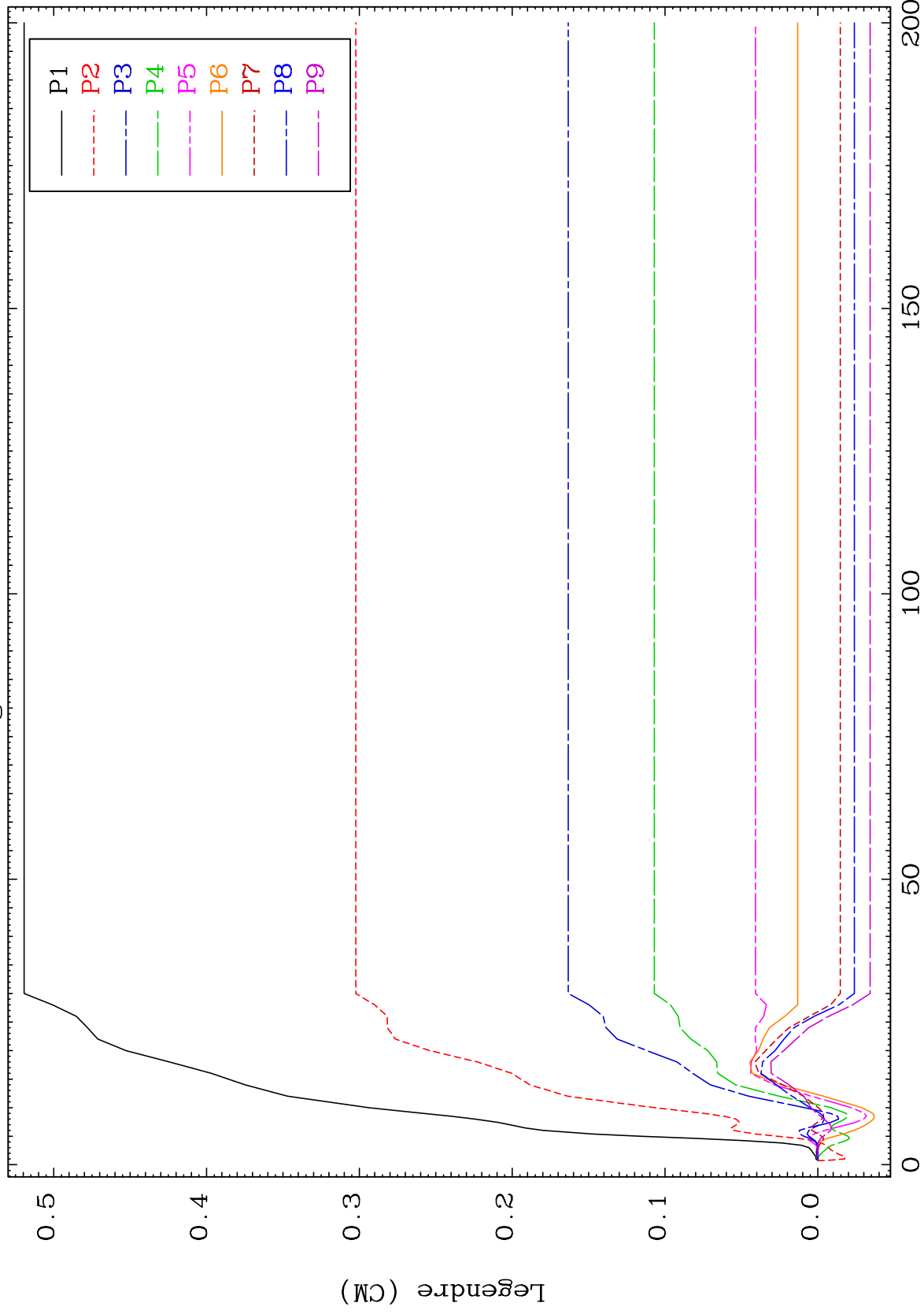
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



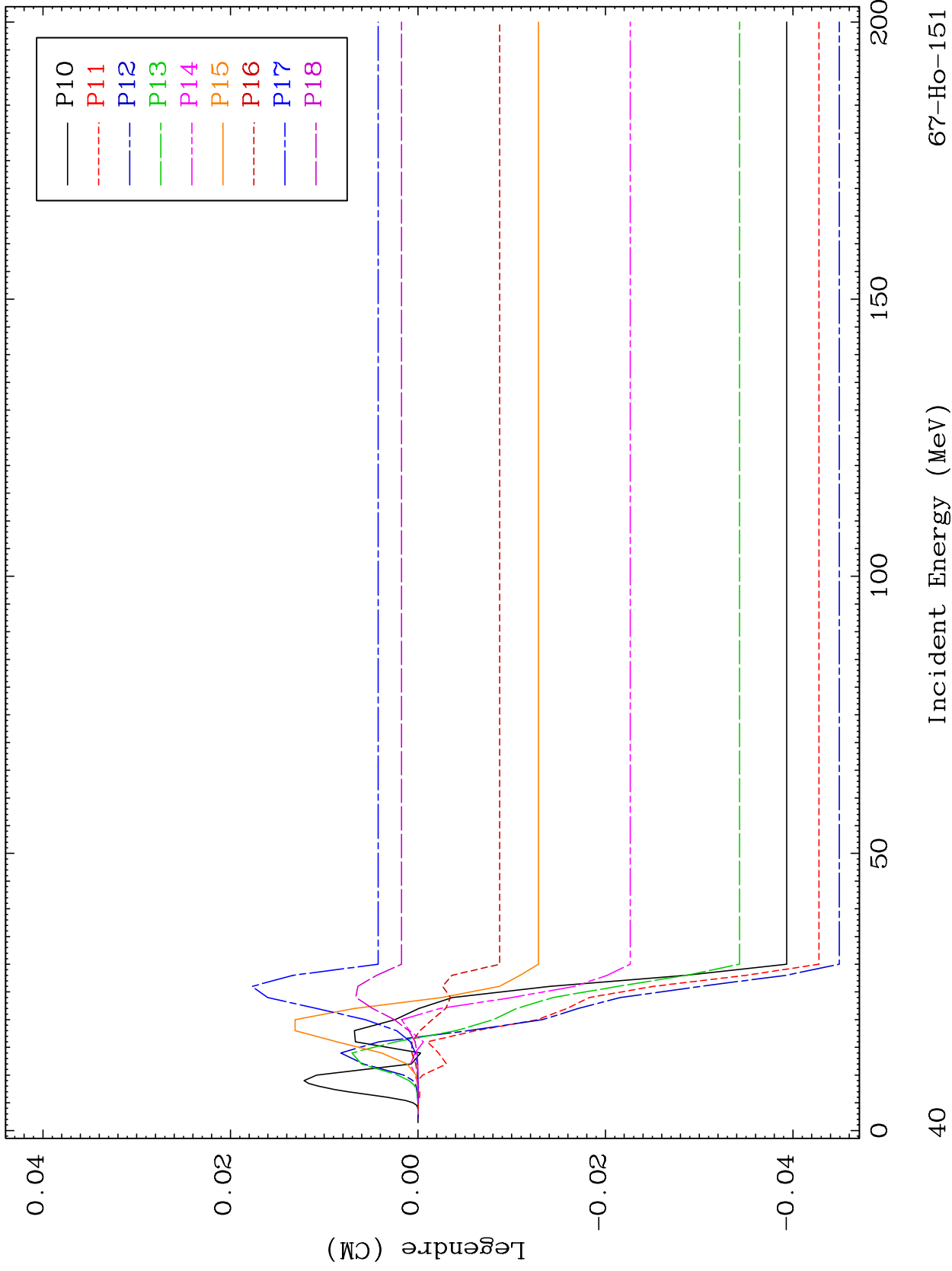
39

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

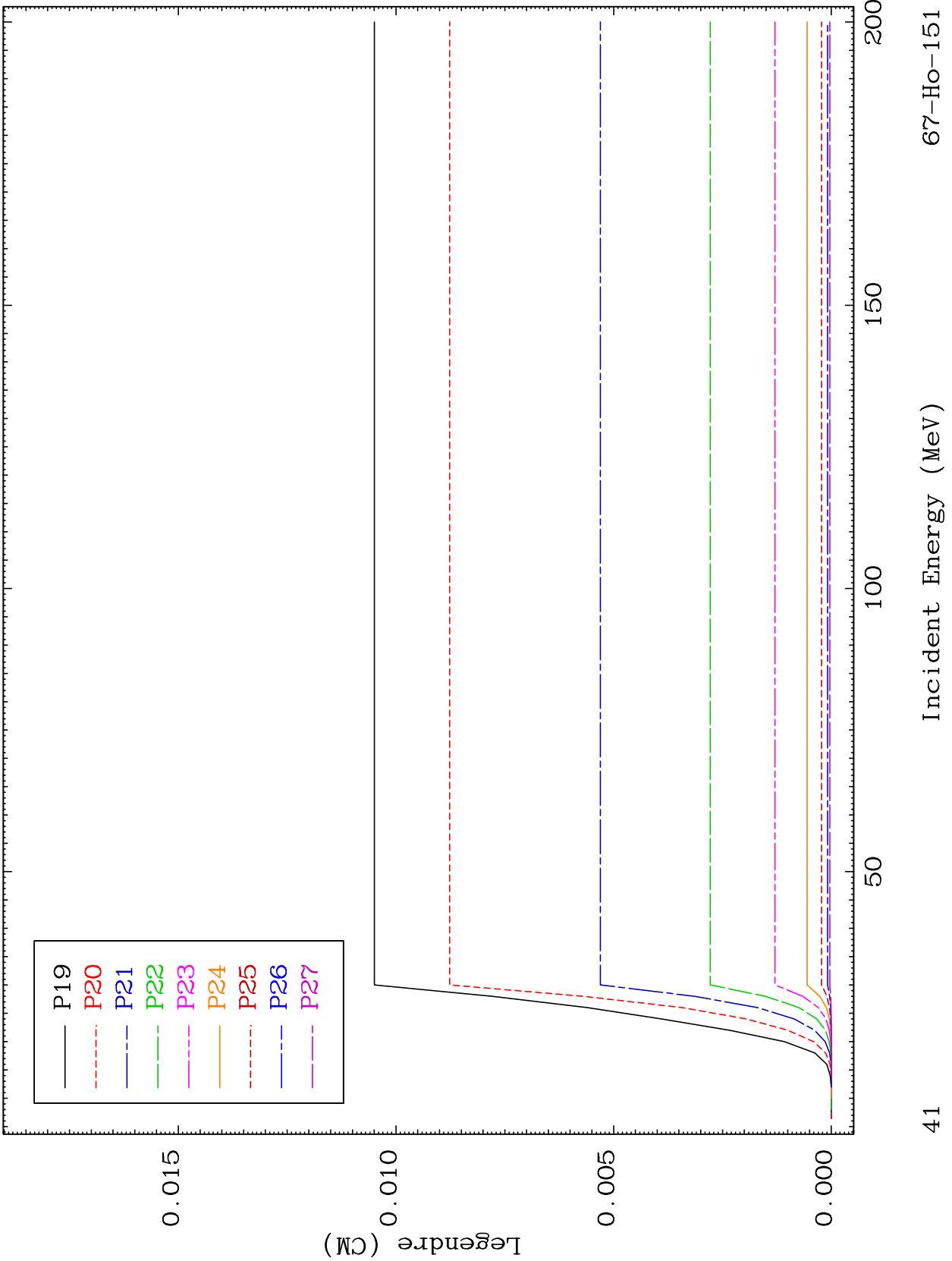
Incident Energy (MeV)

40

MAT 6683

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

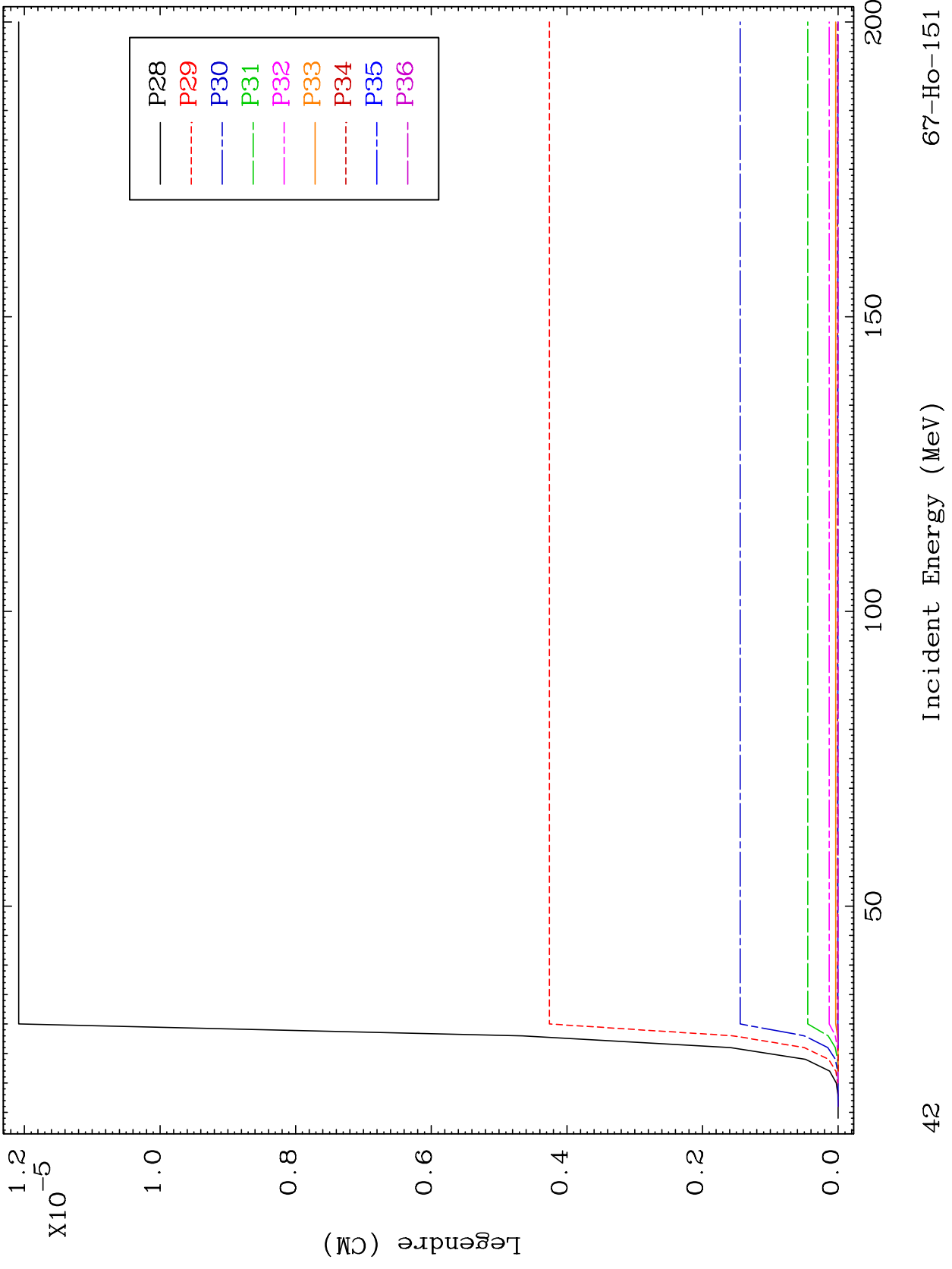
67-Ho-151



MAT 6683

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

67-Ho-151



42

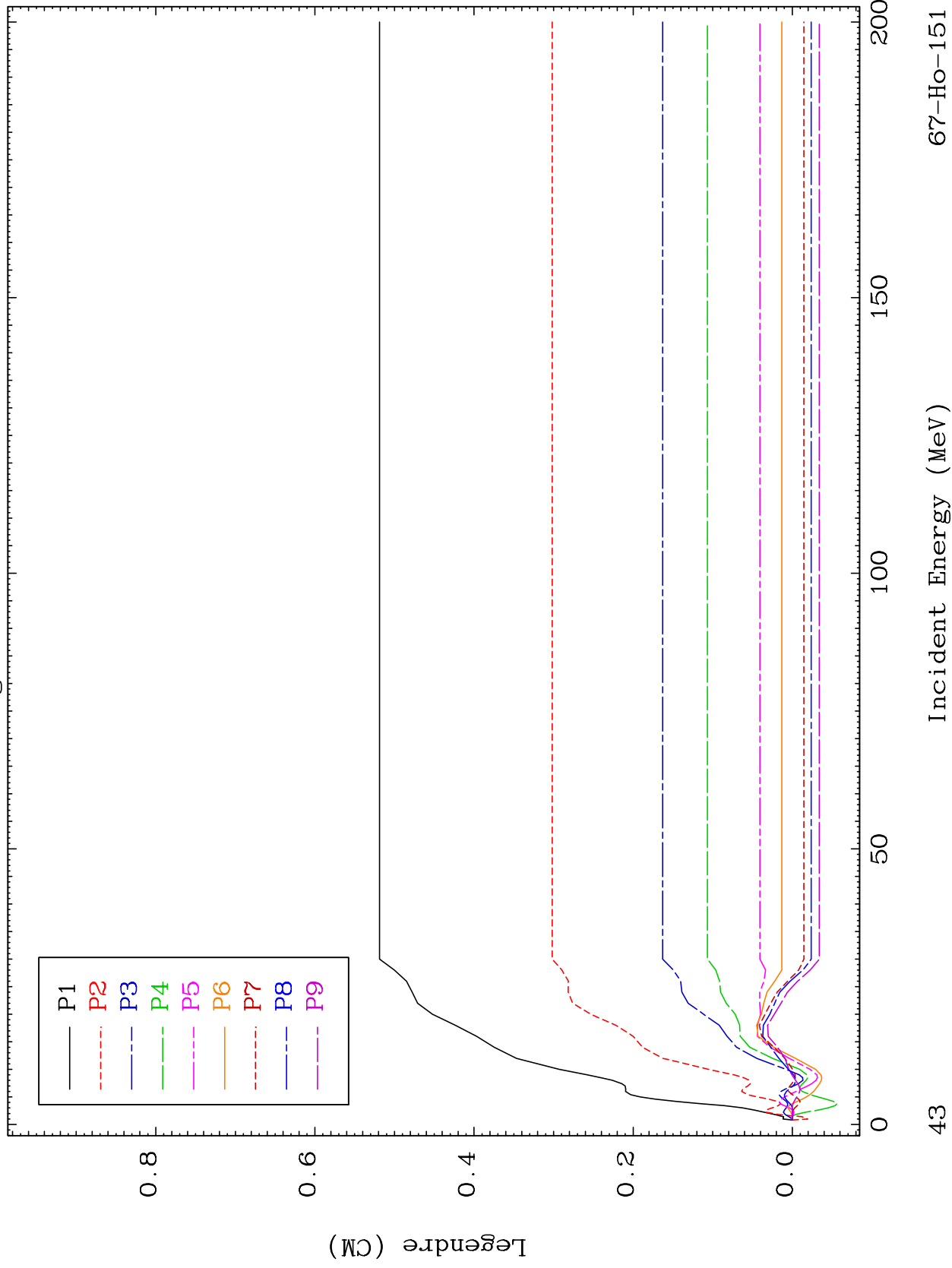
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

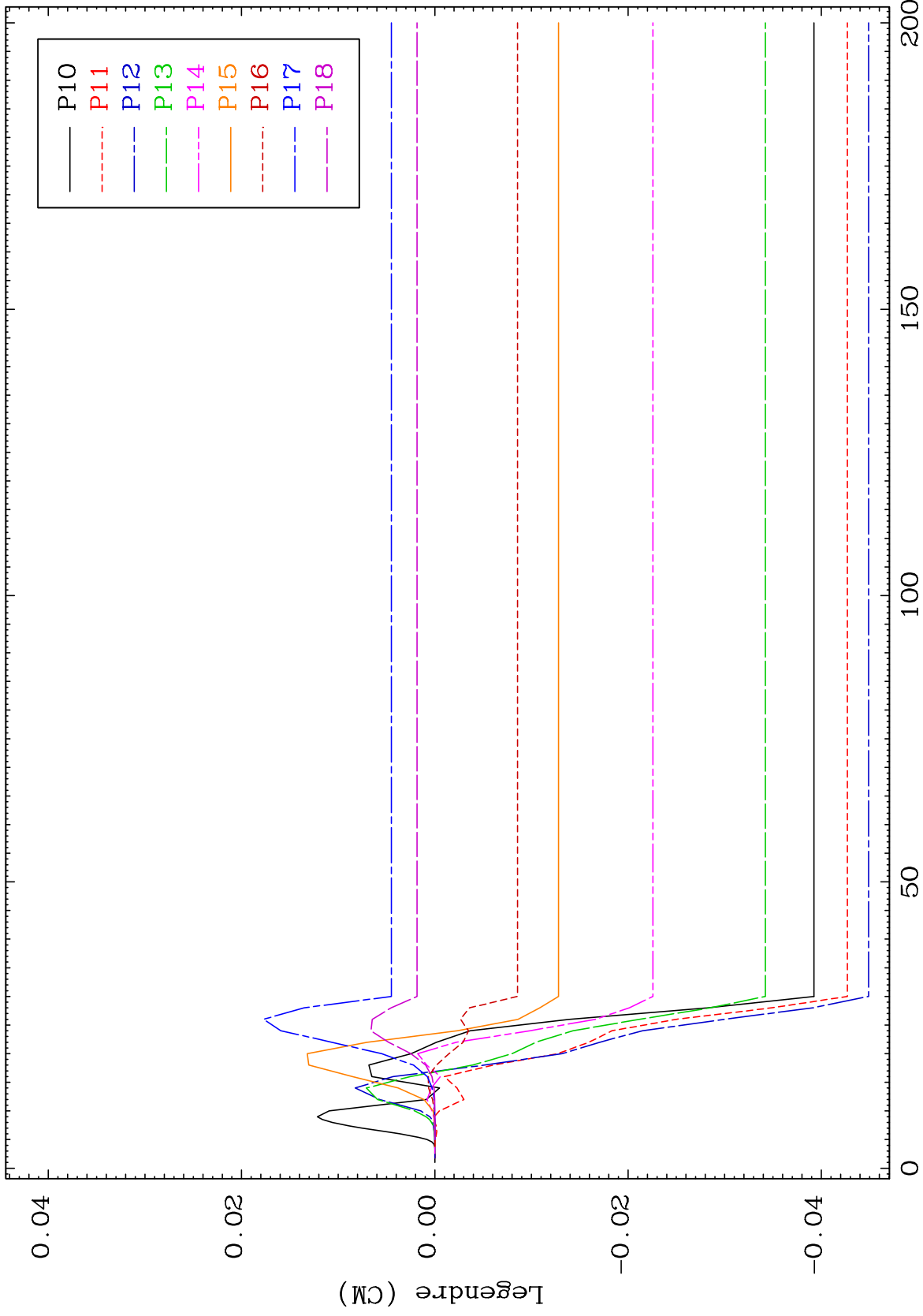
Incident Energy (MeV)

43

MAT 6683

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

67-Ho-151



44

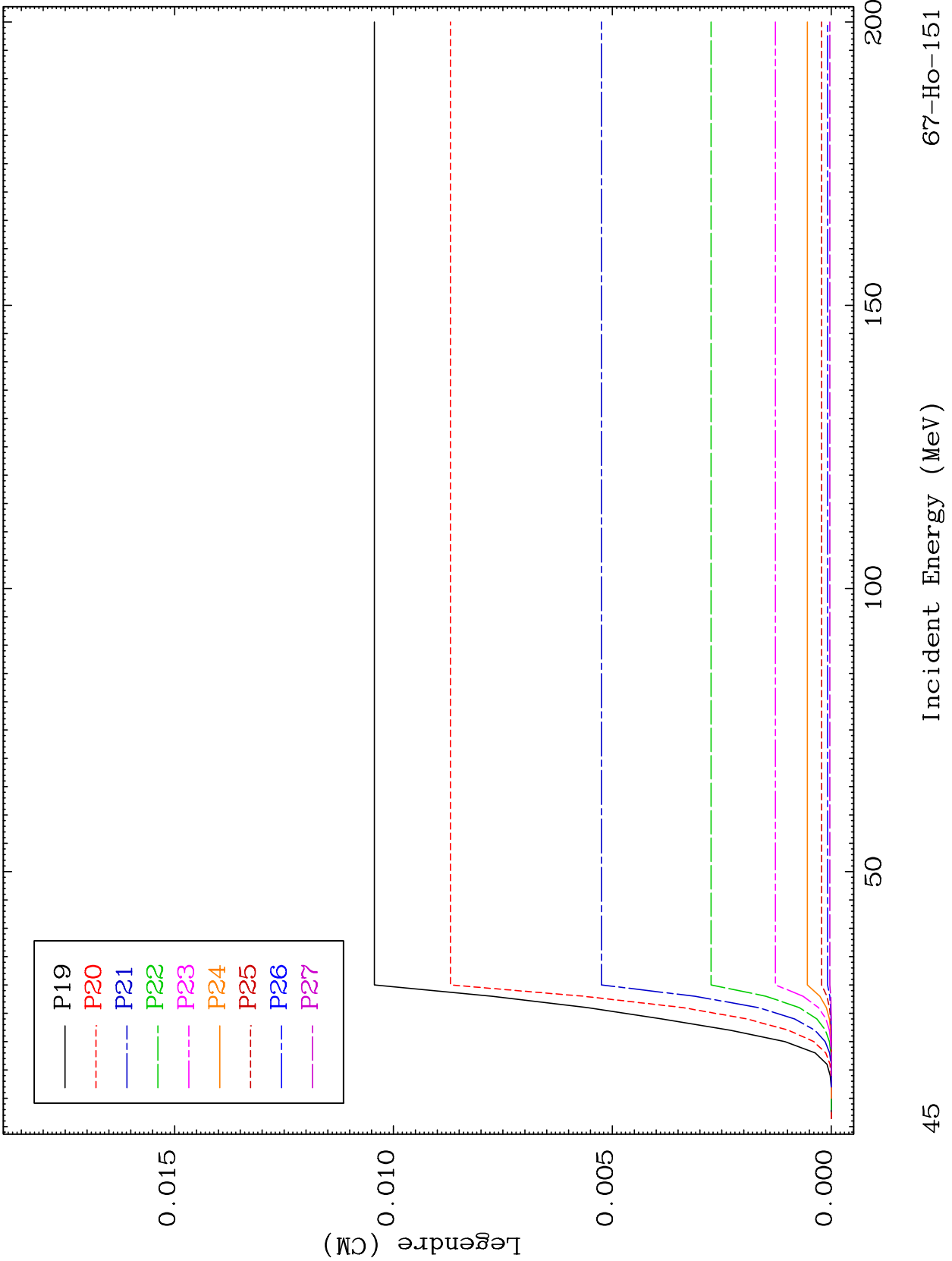
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



45

Incident Energy (MeV)

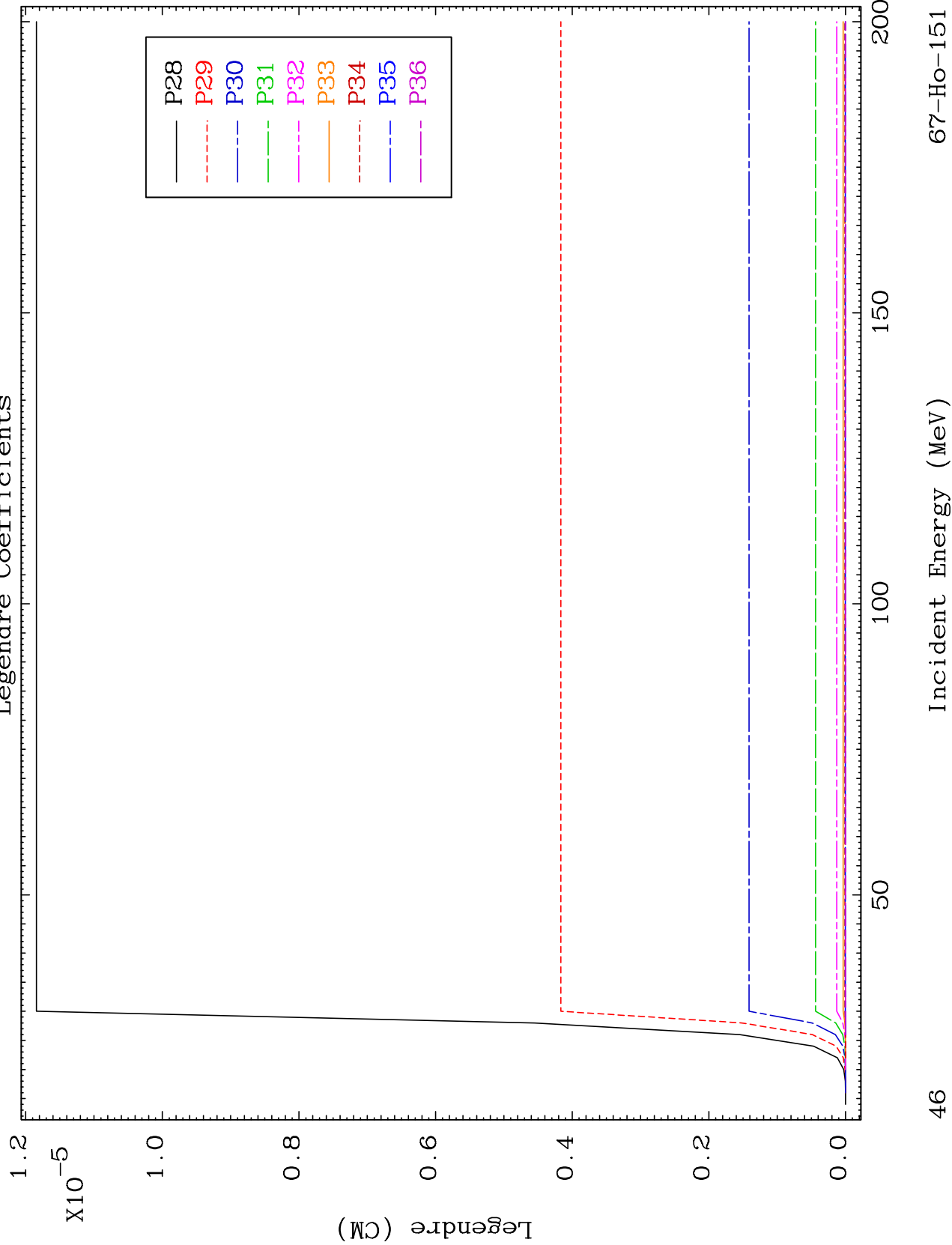
67-Ho-151

MAT 6683

MT= 57 (n,n') Level

67-Ho-151

Legendre Coefficients



46

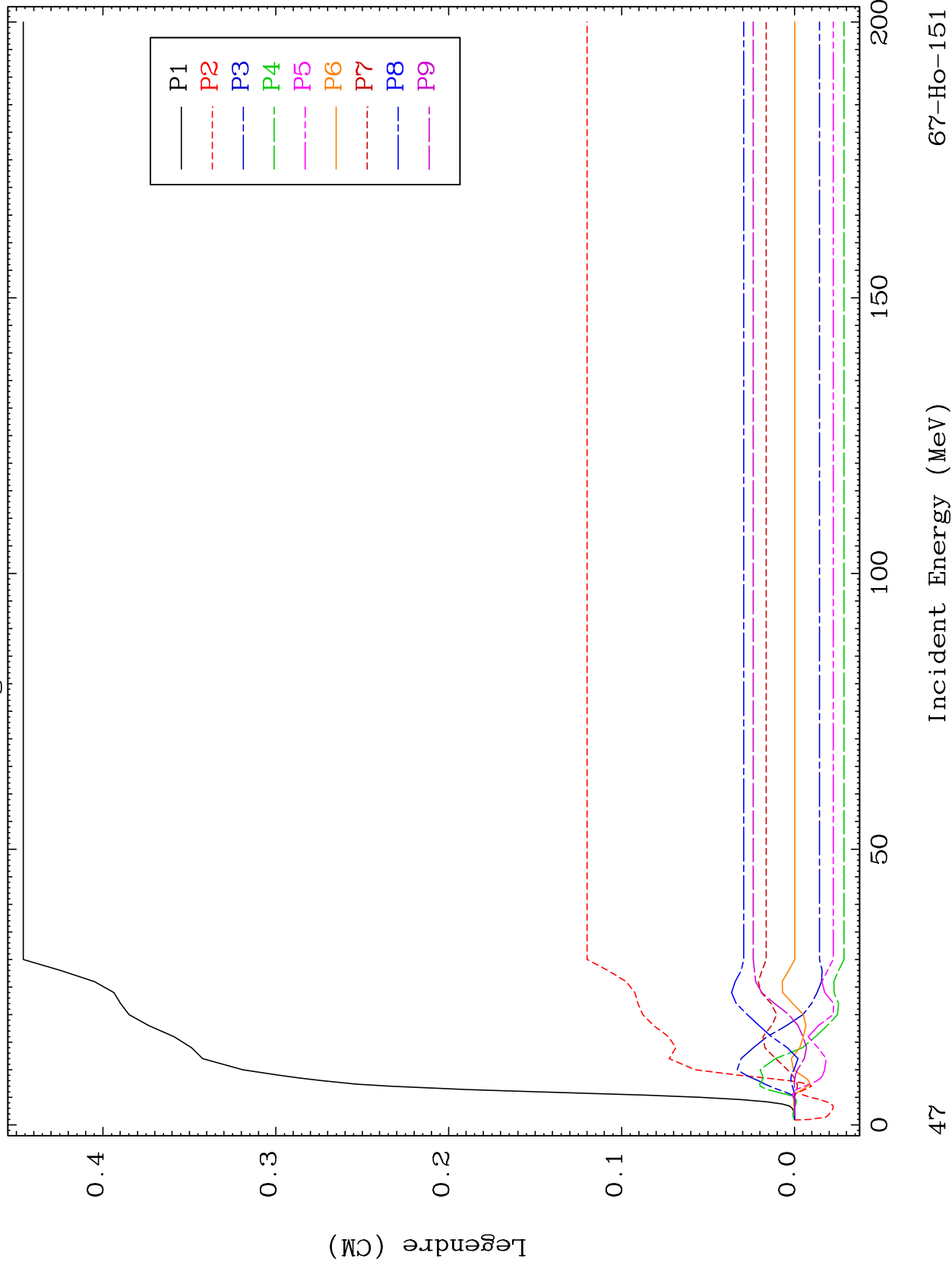
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



47

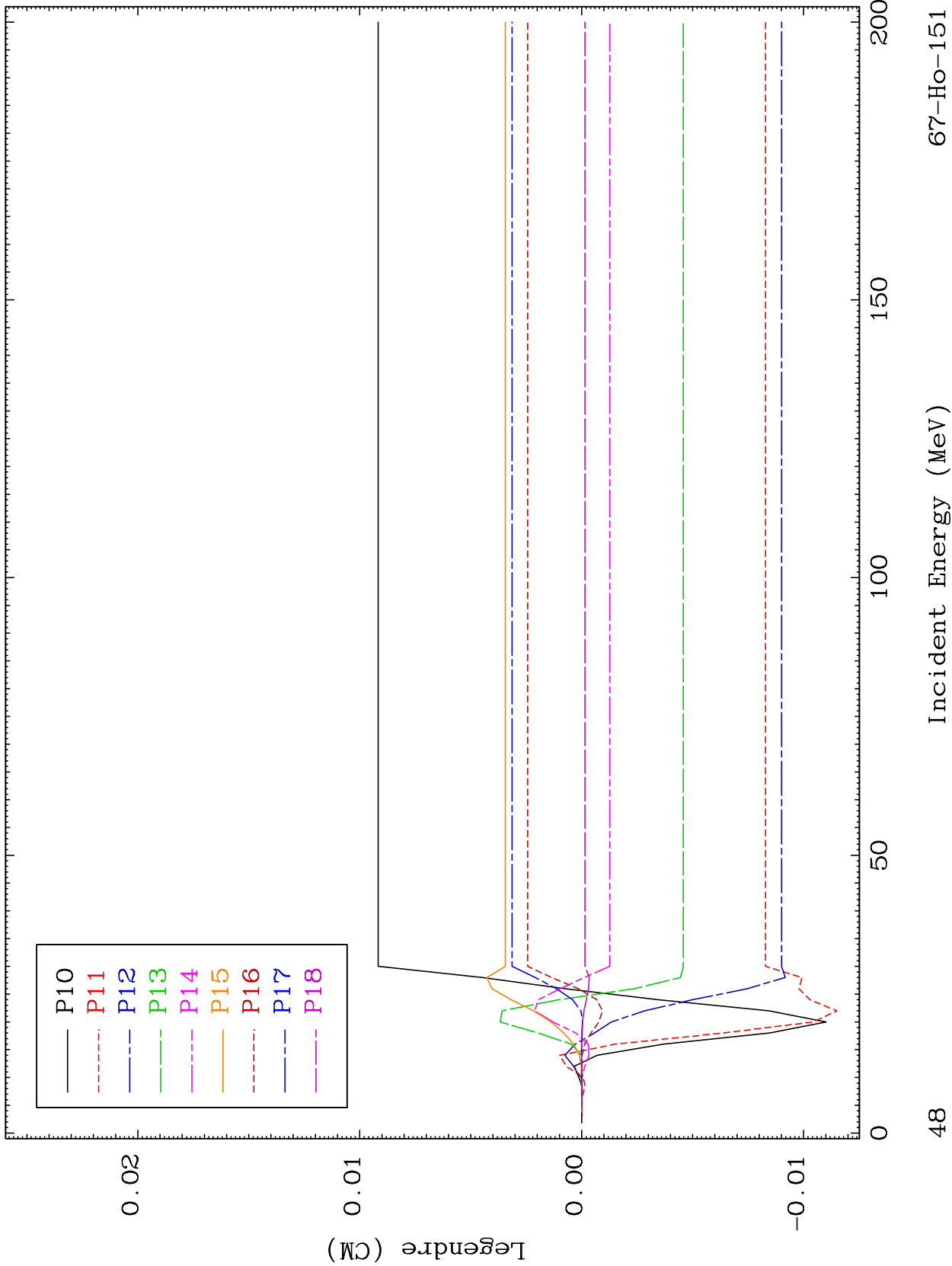
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

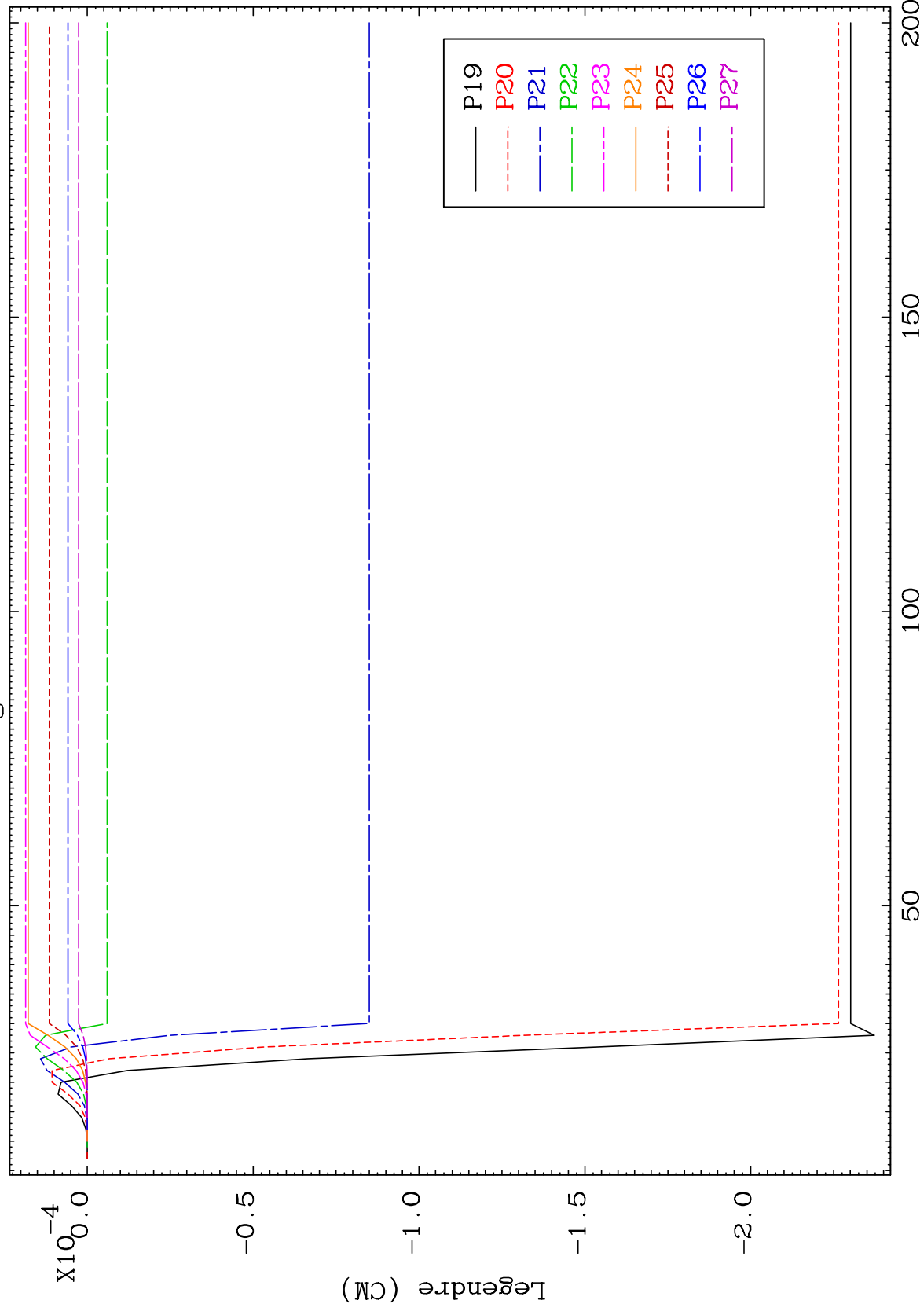
Incident Energy (MeV)

48

MAT 6683

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

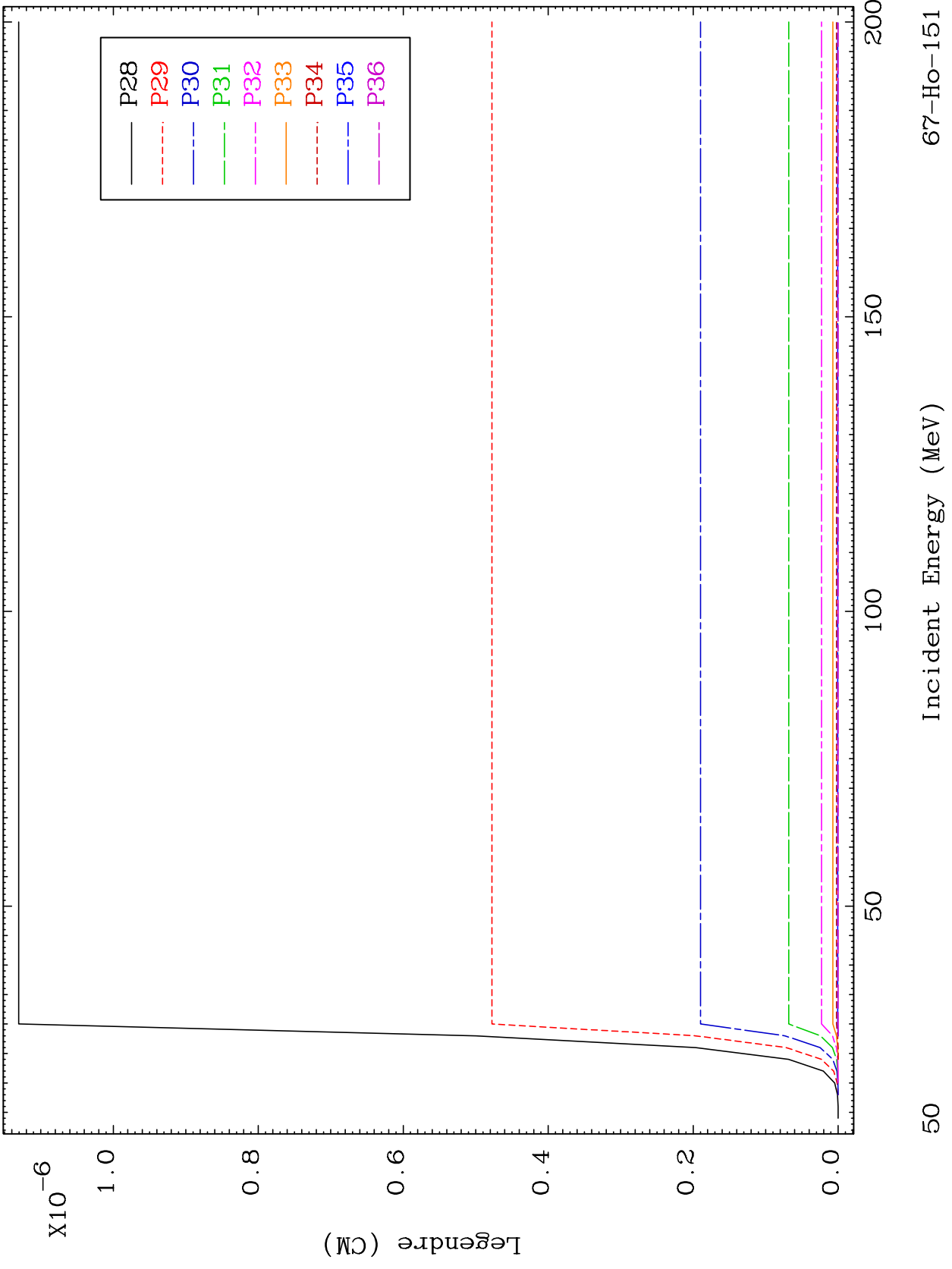
67-Ho-151



MAT 6683

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

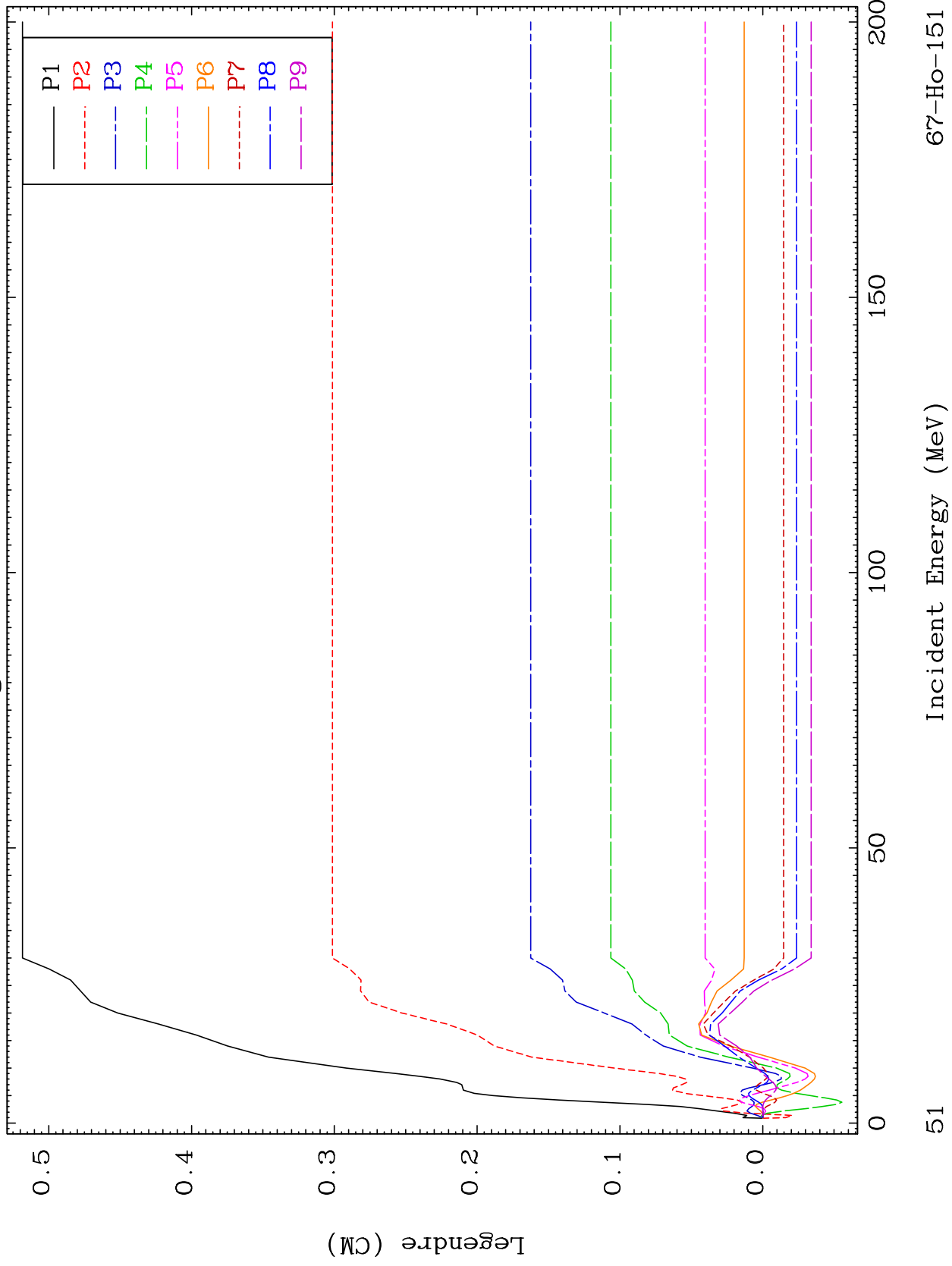
67-Ho-151



MAT 6683

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

67-Ho-151



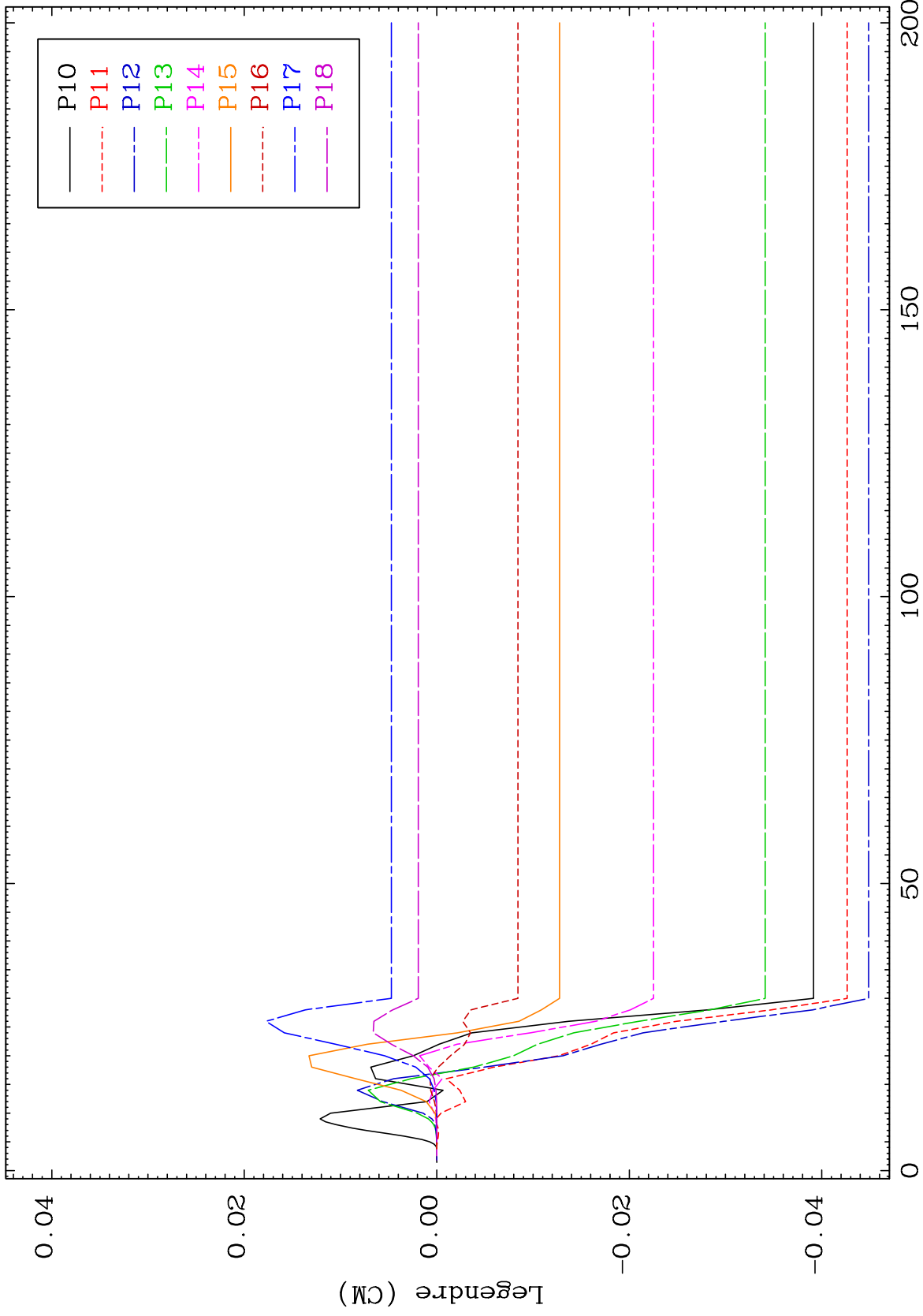
51

67-Ho-151

MAT 6683

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

67-Ho-151



52

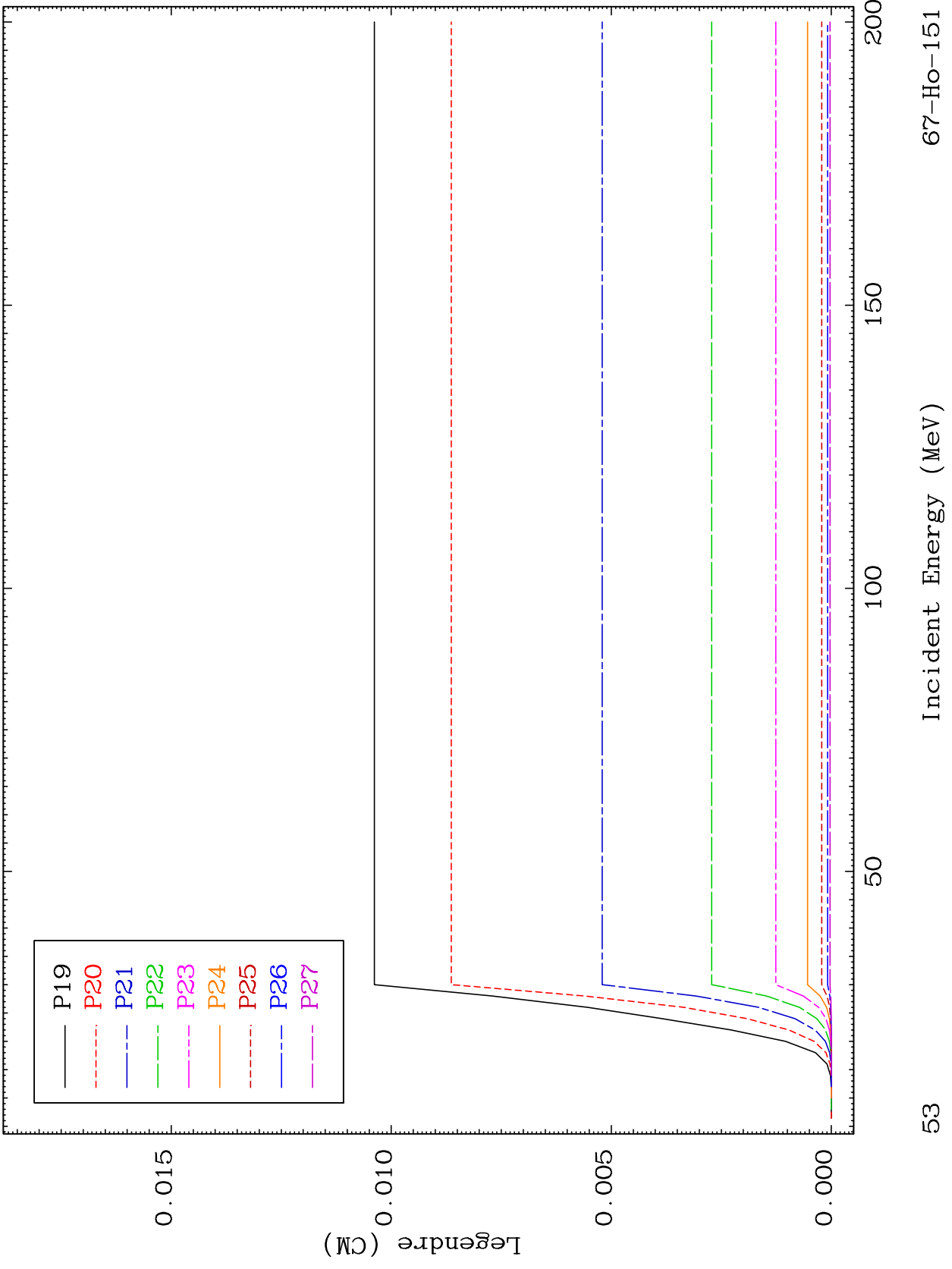
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



53

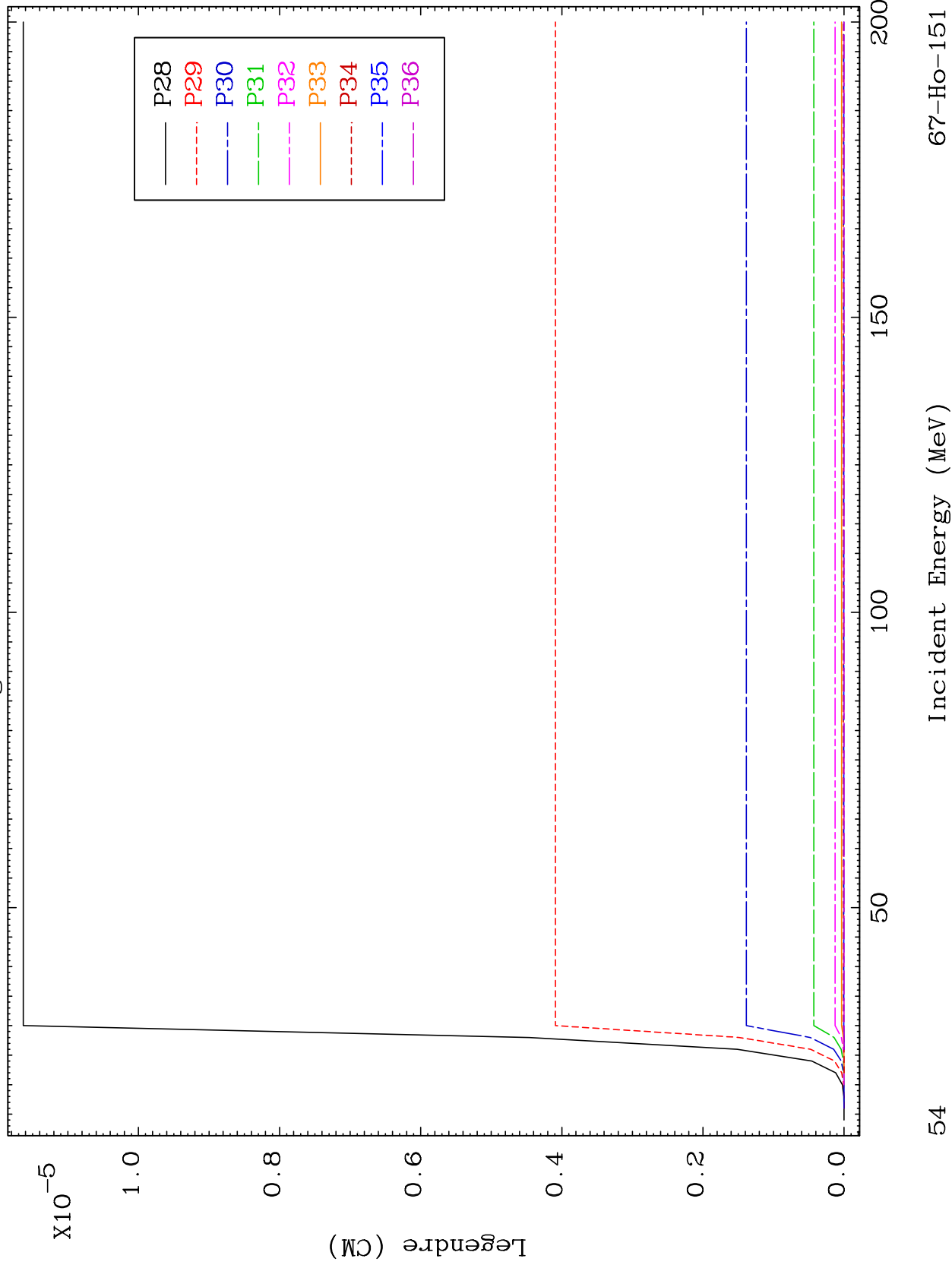
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

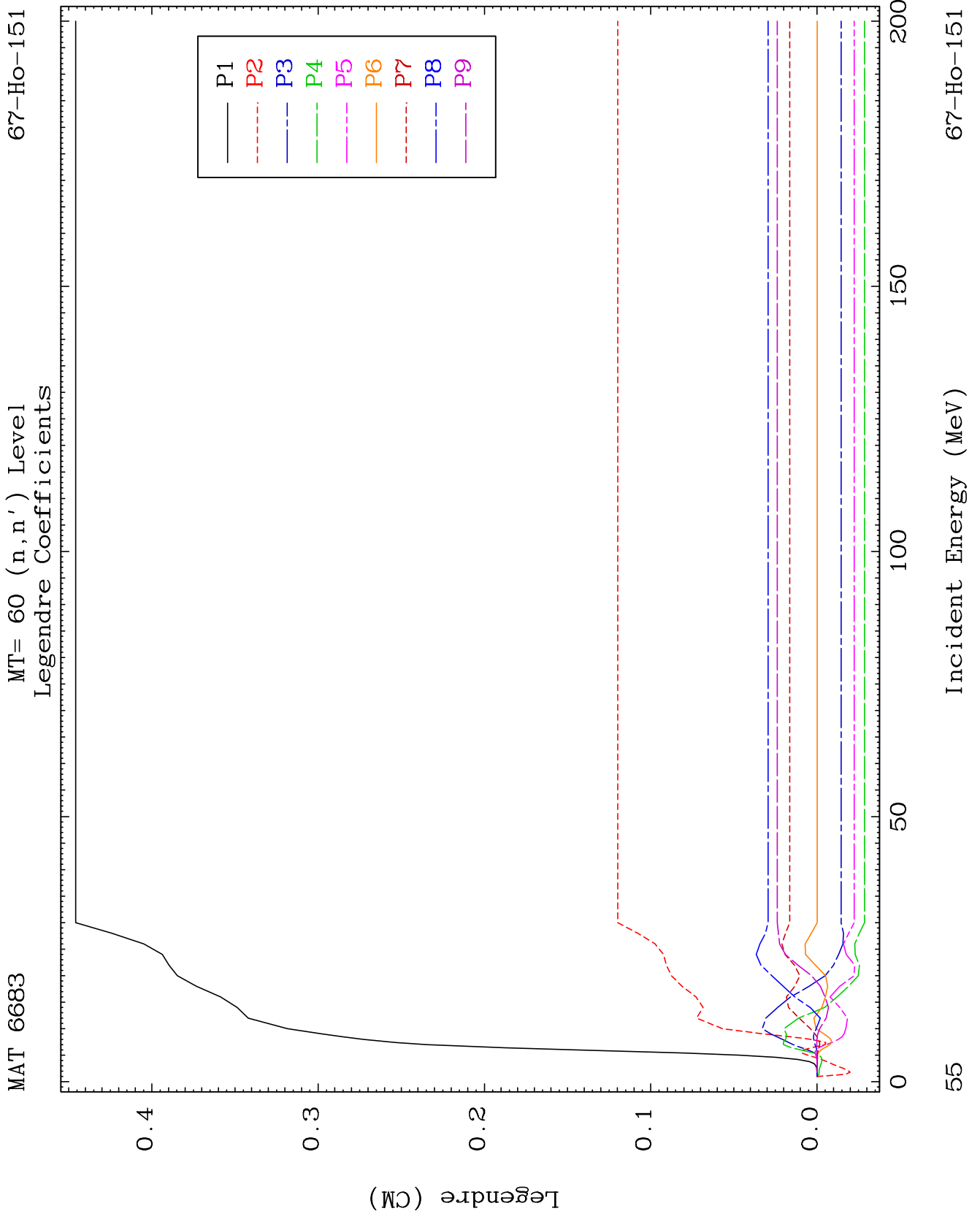
67-Ho-151



54

Incident Energy (MeV)

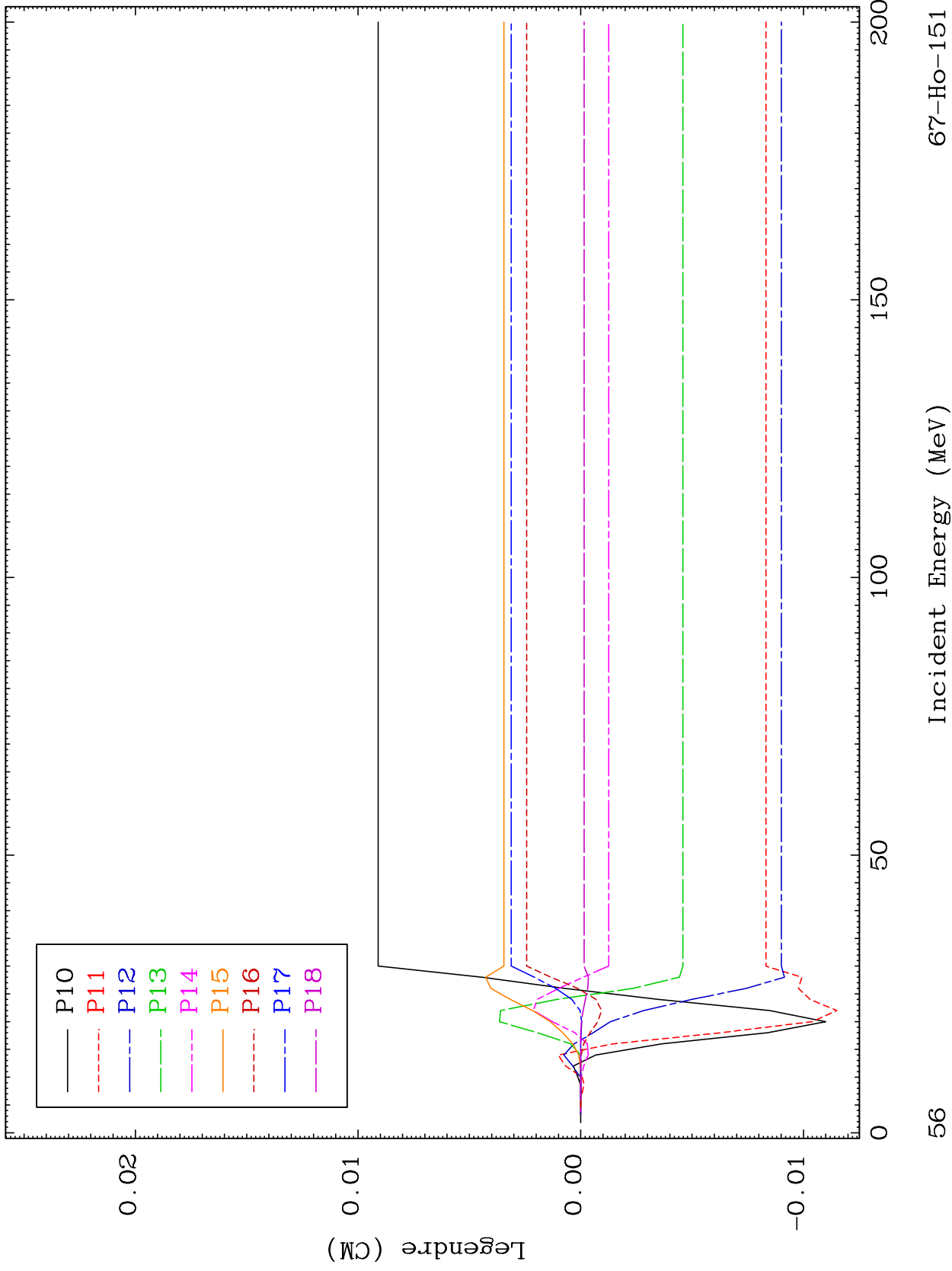
67-Ho-151



MAT 6683

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

67-Ho-151



56

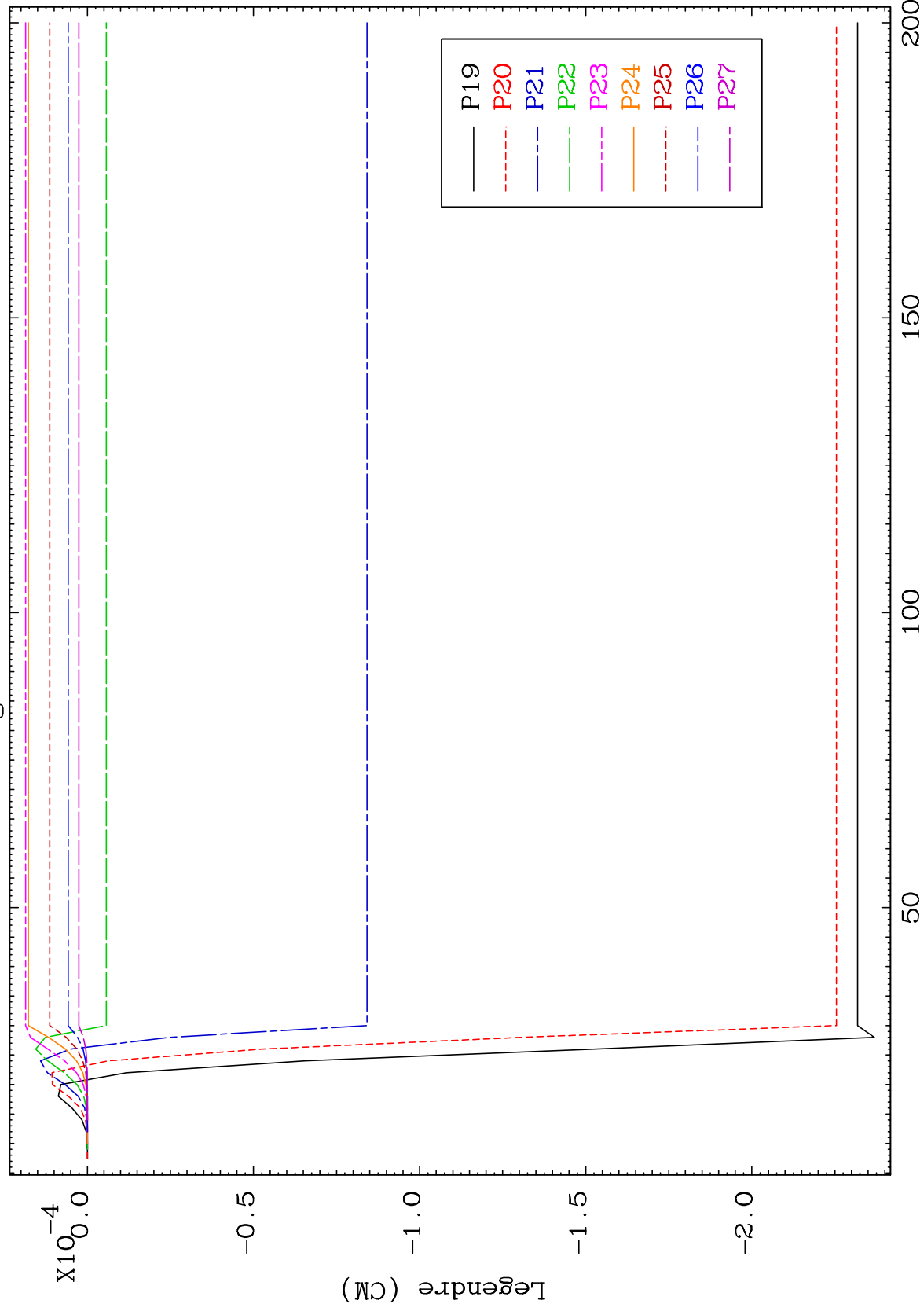
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



57

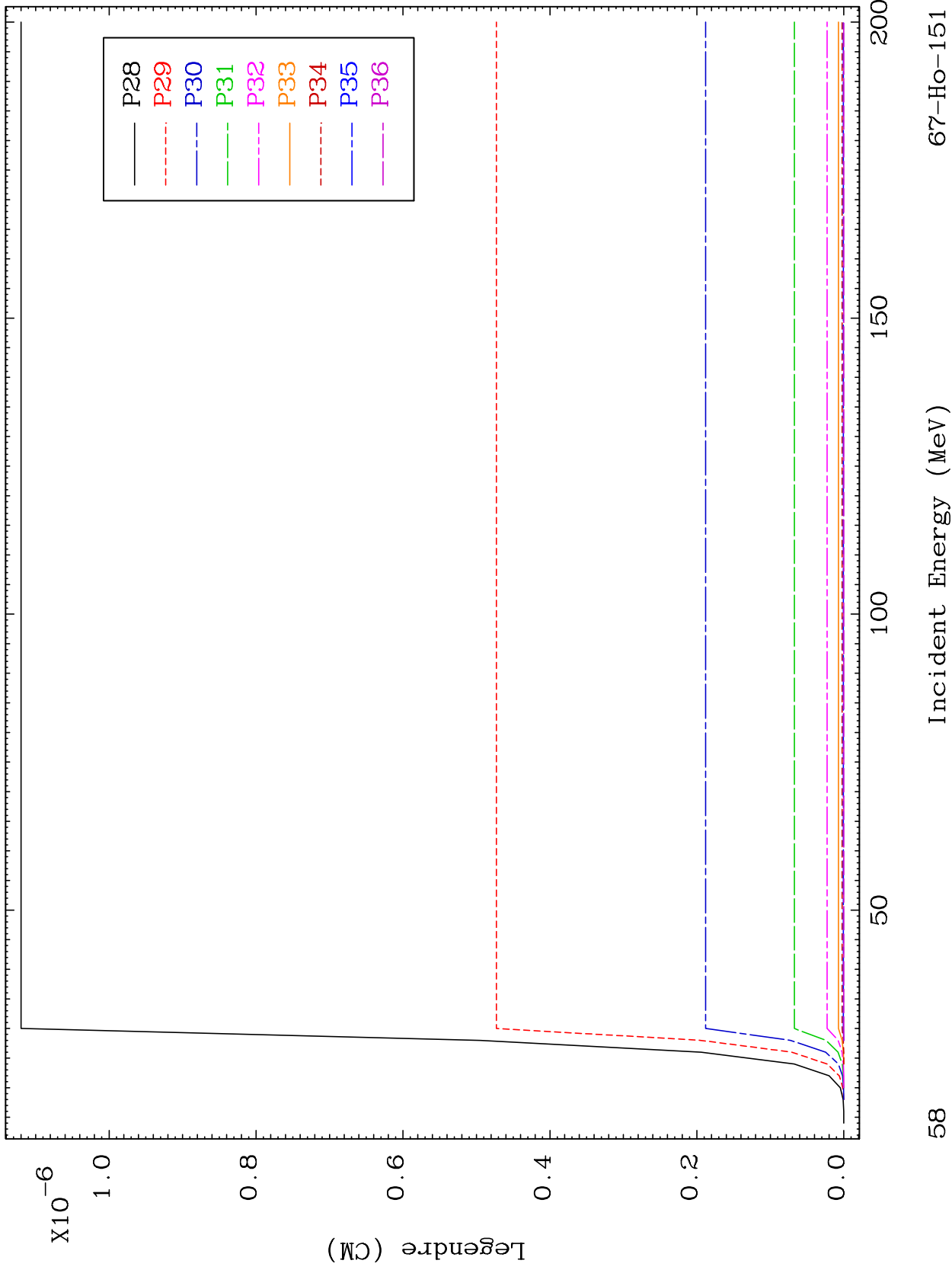
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



58

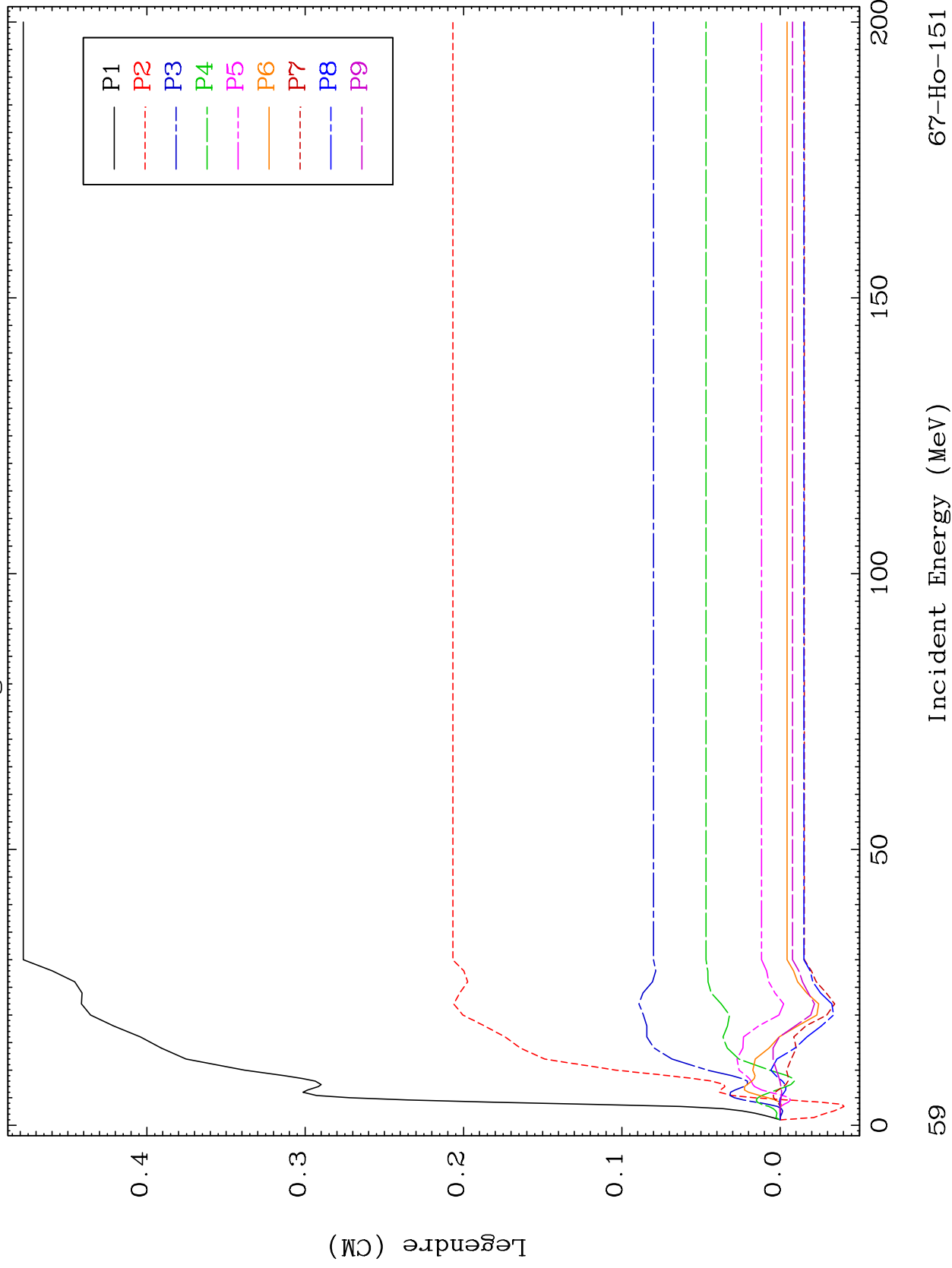
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

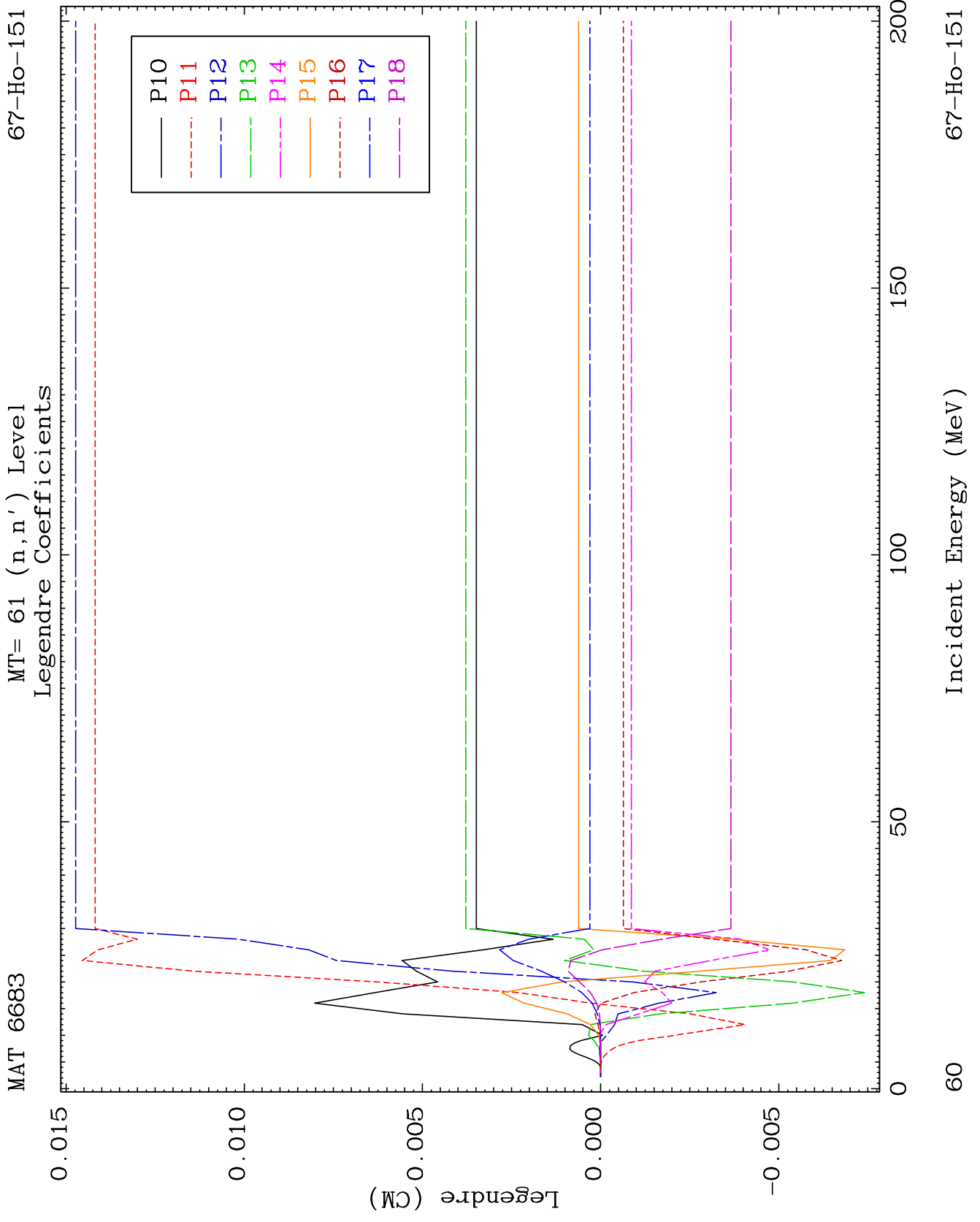
67-Ho-151



67-Ho-151

Incident Energy (MeV)

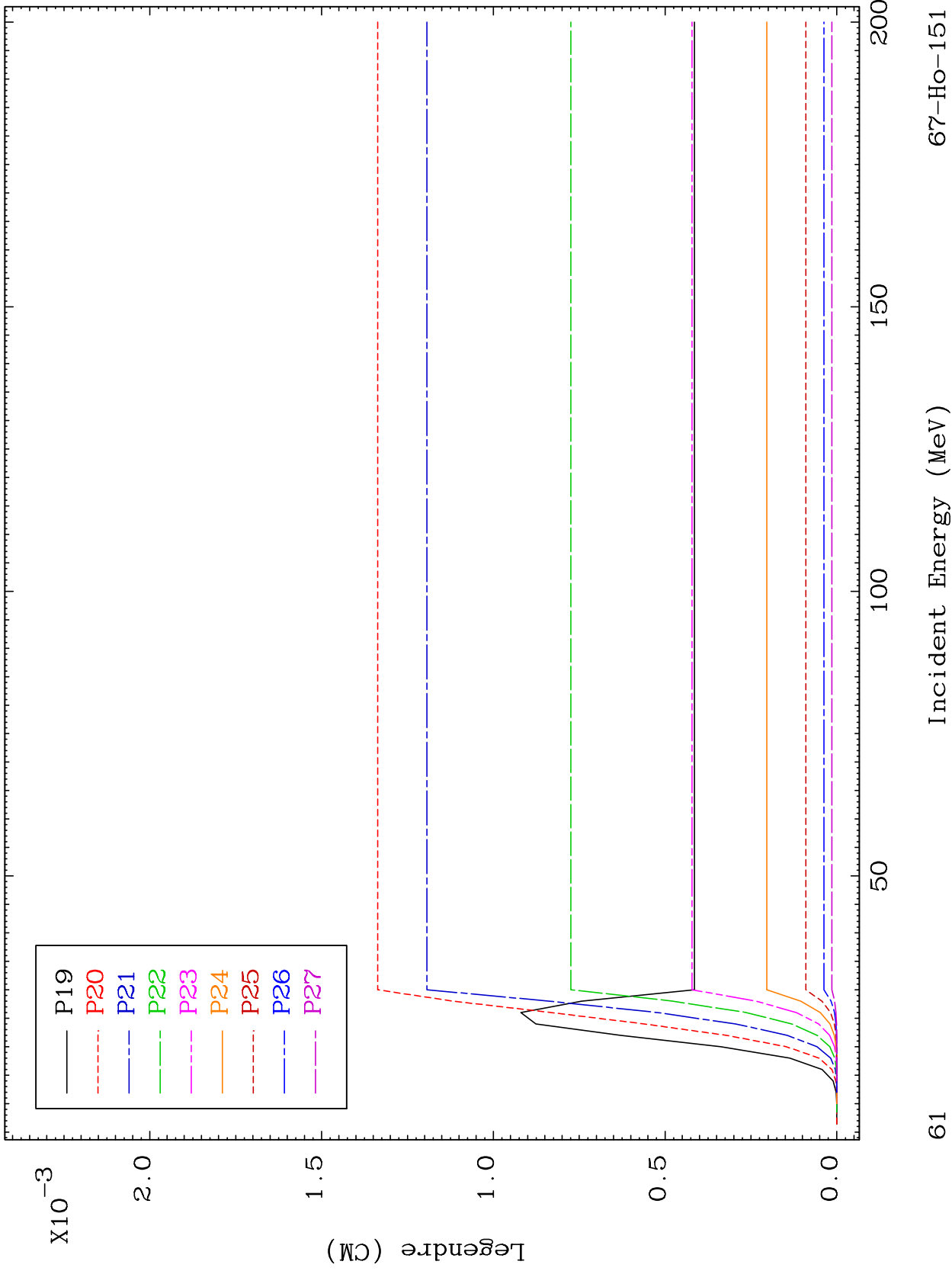
59



MAT 6683

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

67-Ho-151



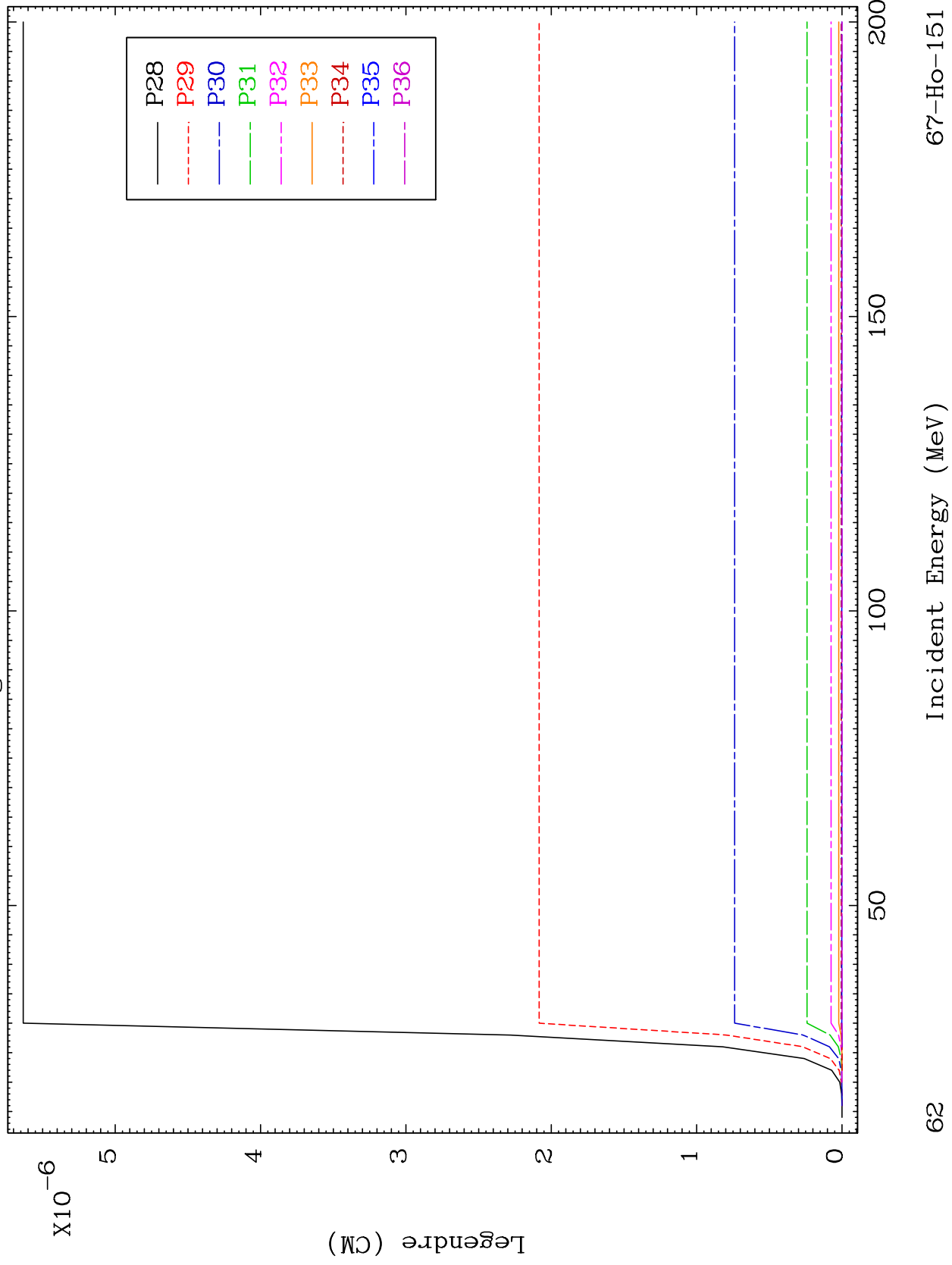
61

67-Ho-151

MAT 6683

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

67-Ho-151



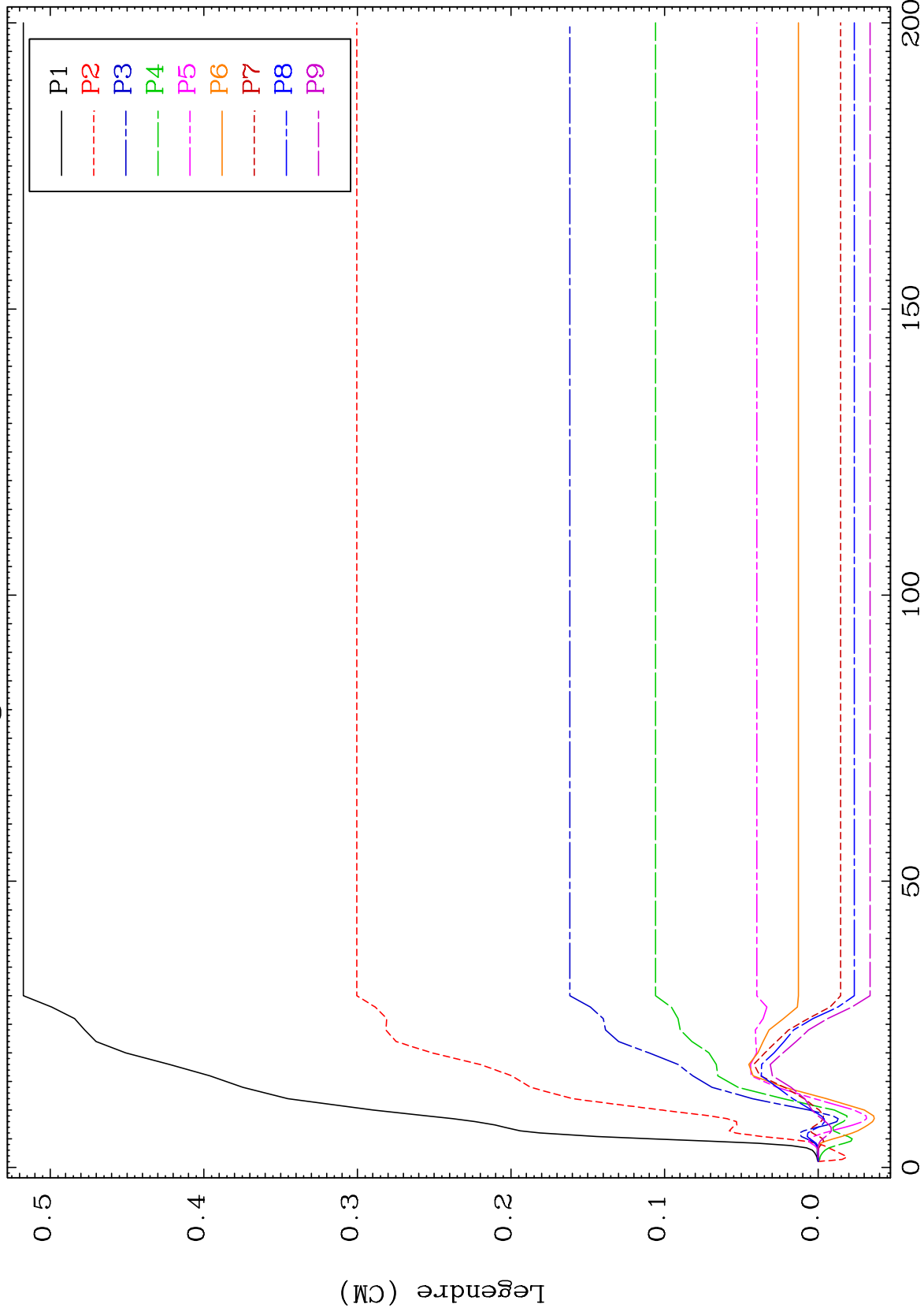
62

67-Ho-151

MAT 6683

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

67-Ho-151



63

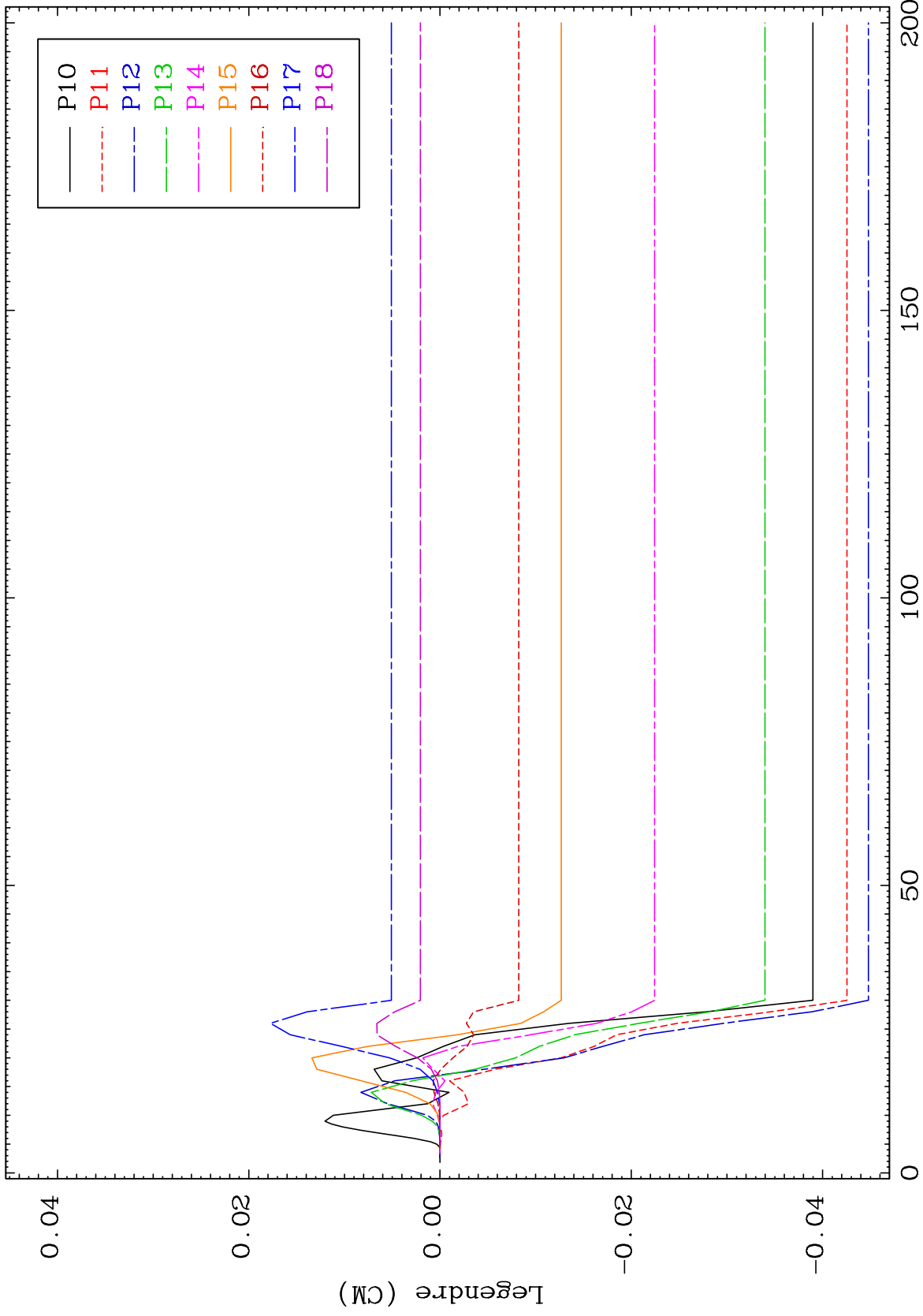
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



64

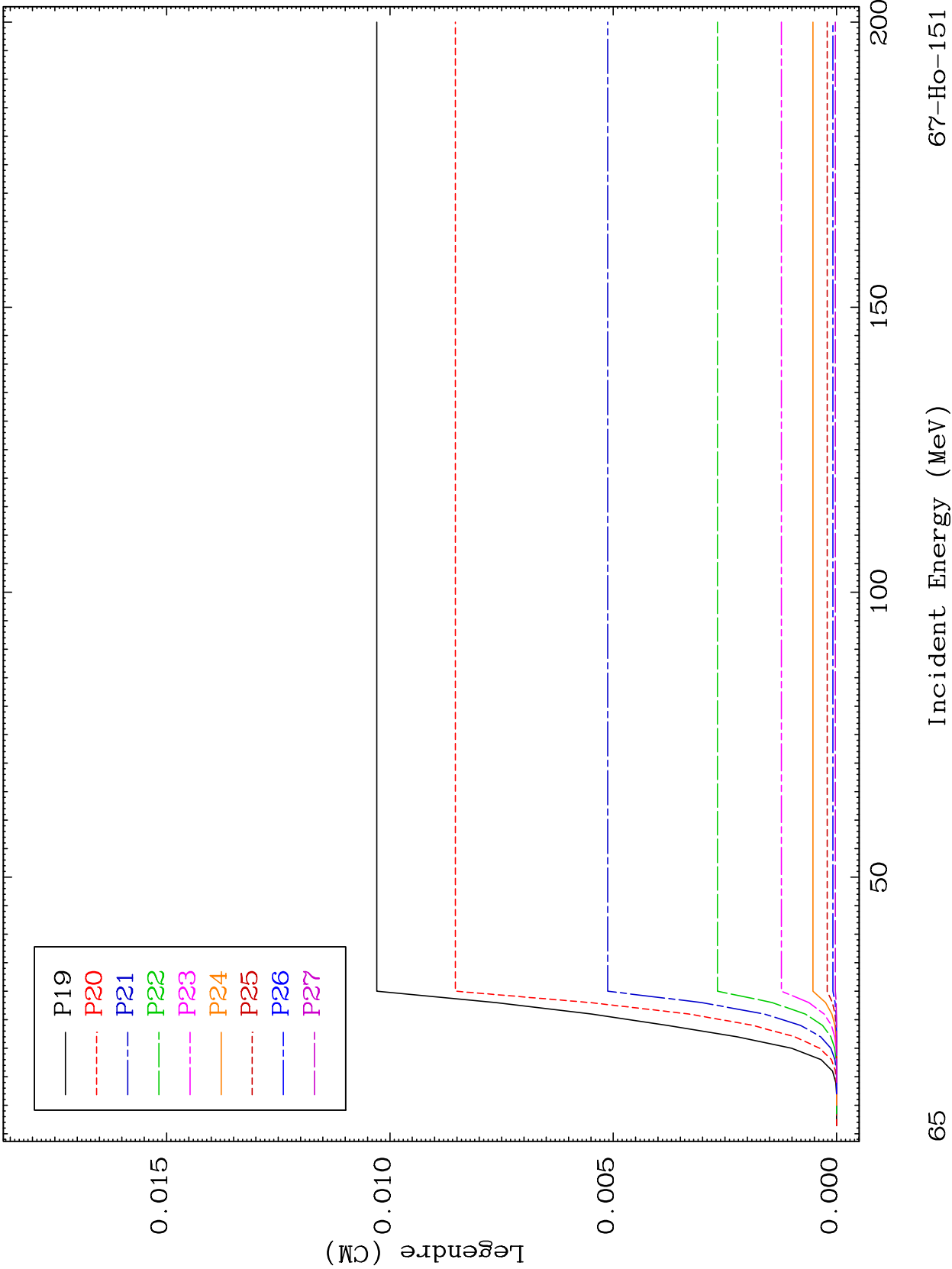
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



65

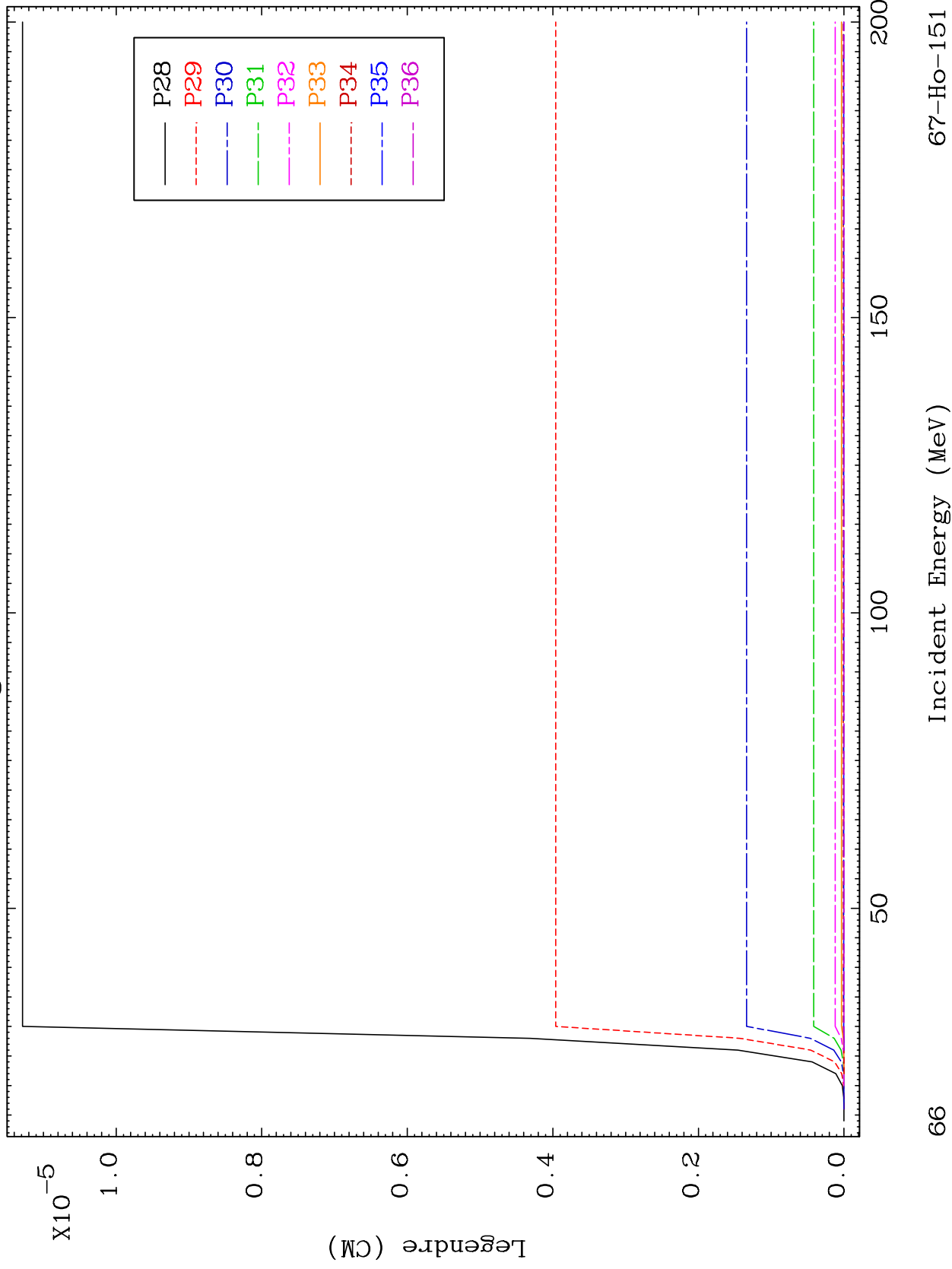
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



66

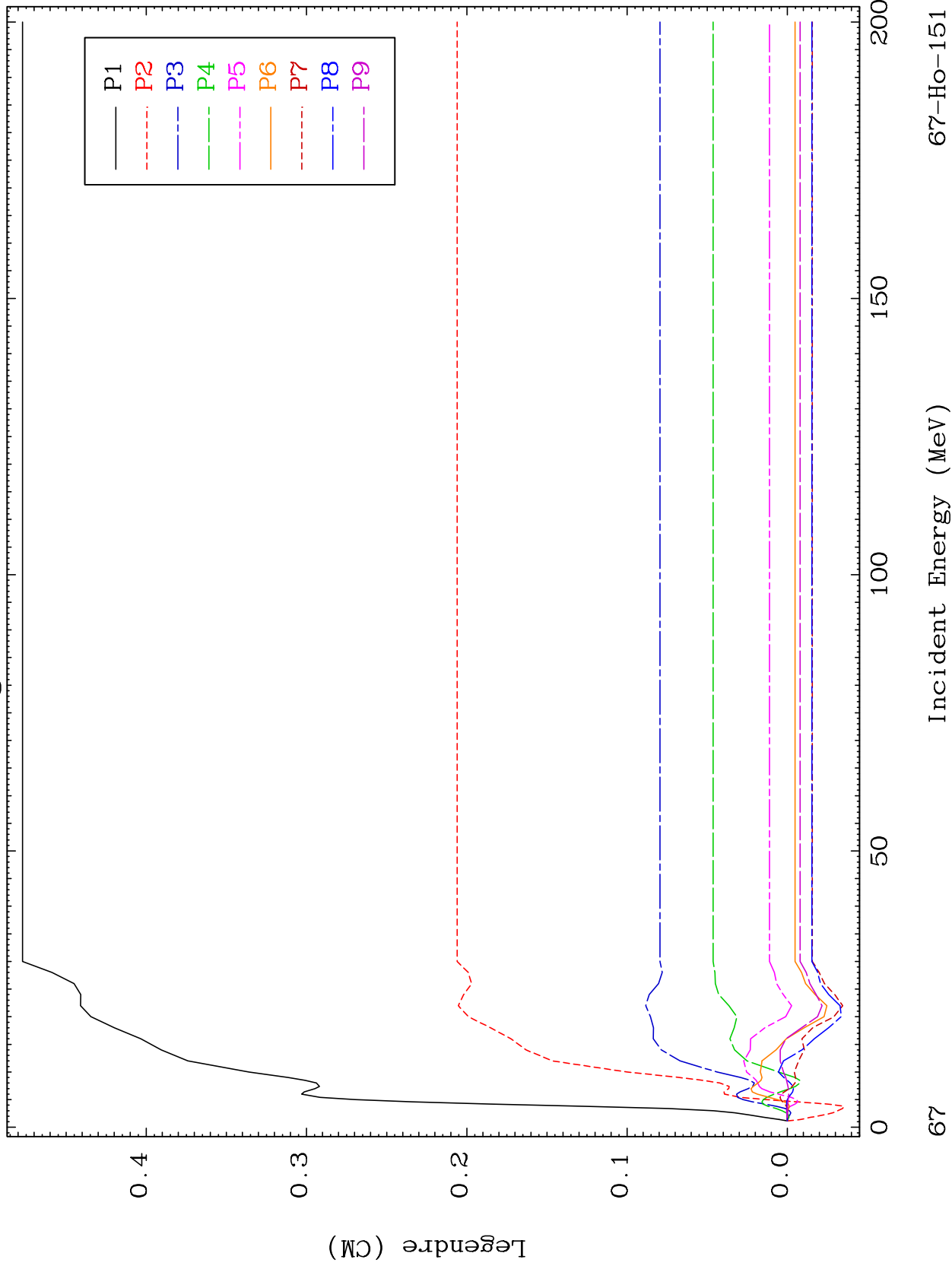
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



67-Ho-151

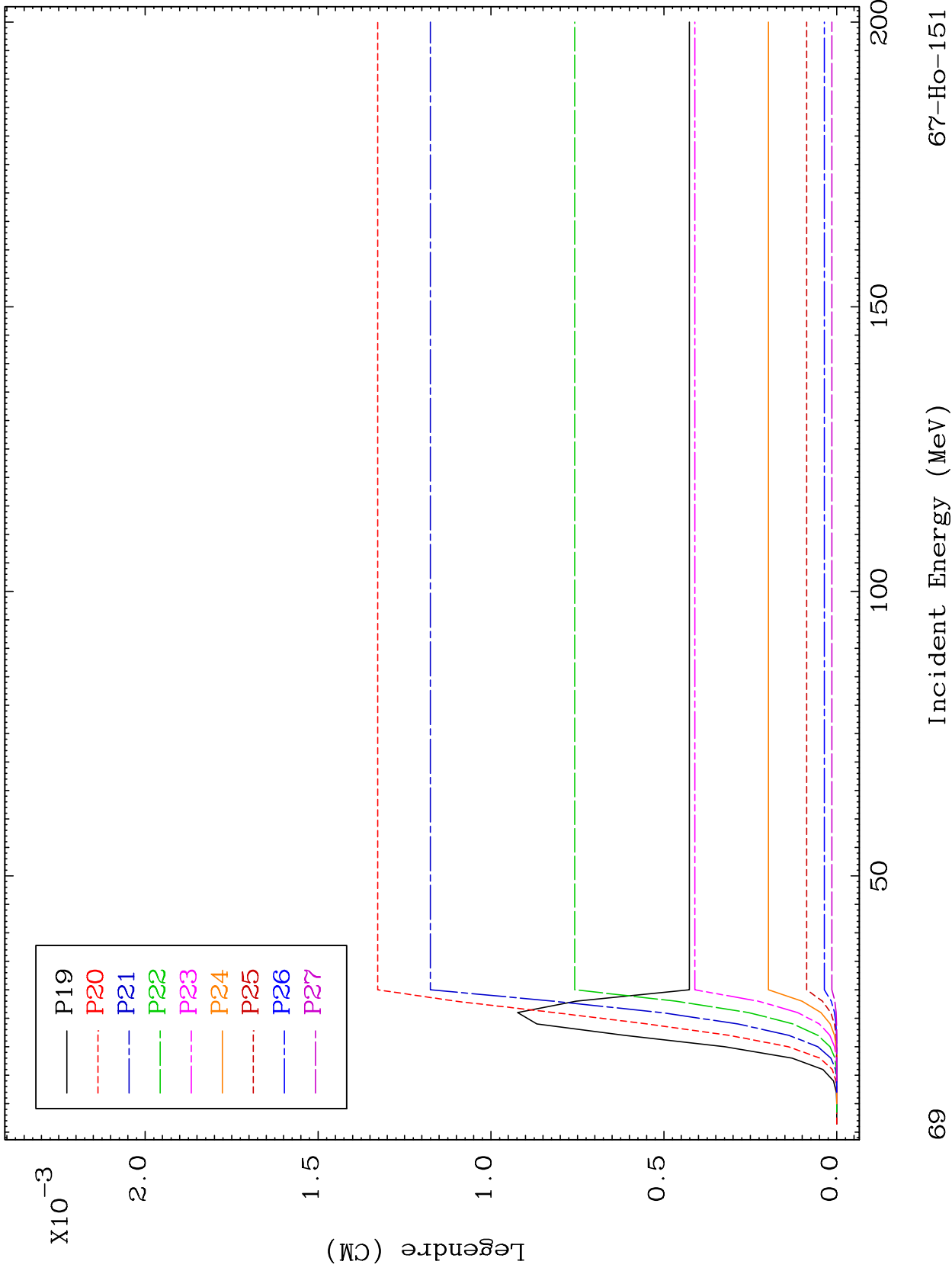
Incident Energy (MeV)

67

MAT 6683

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

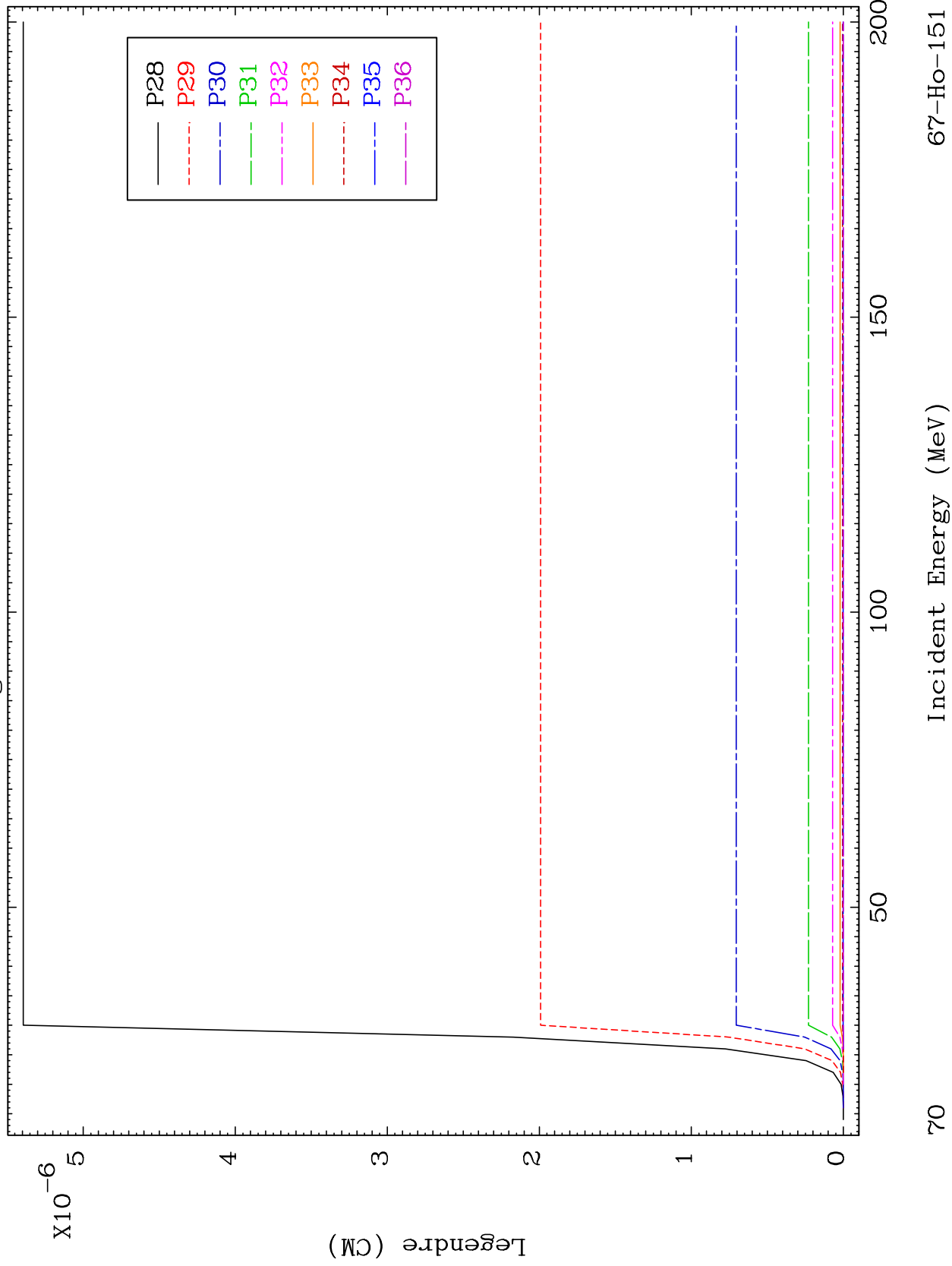
67-Ho-151



MAT 6683

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

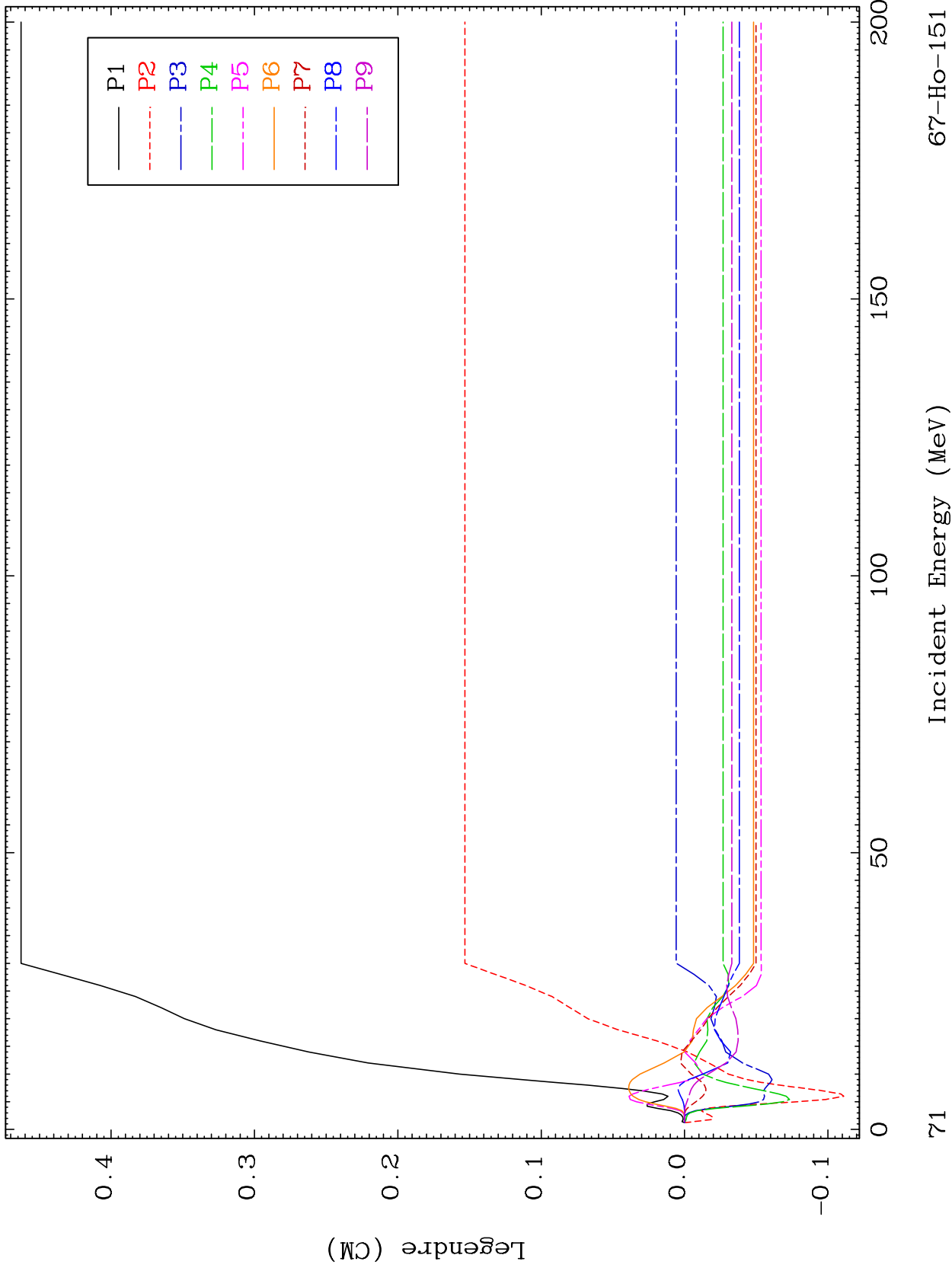
67-Ho-151



MAT 6683

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

67-Ho-151



67-Ho-151

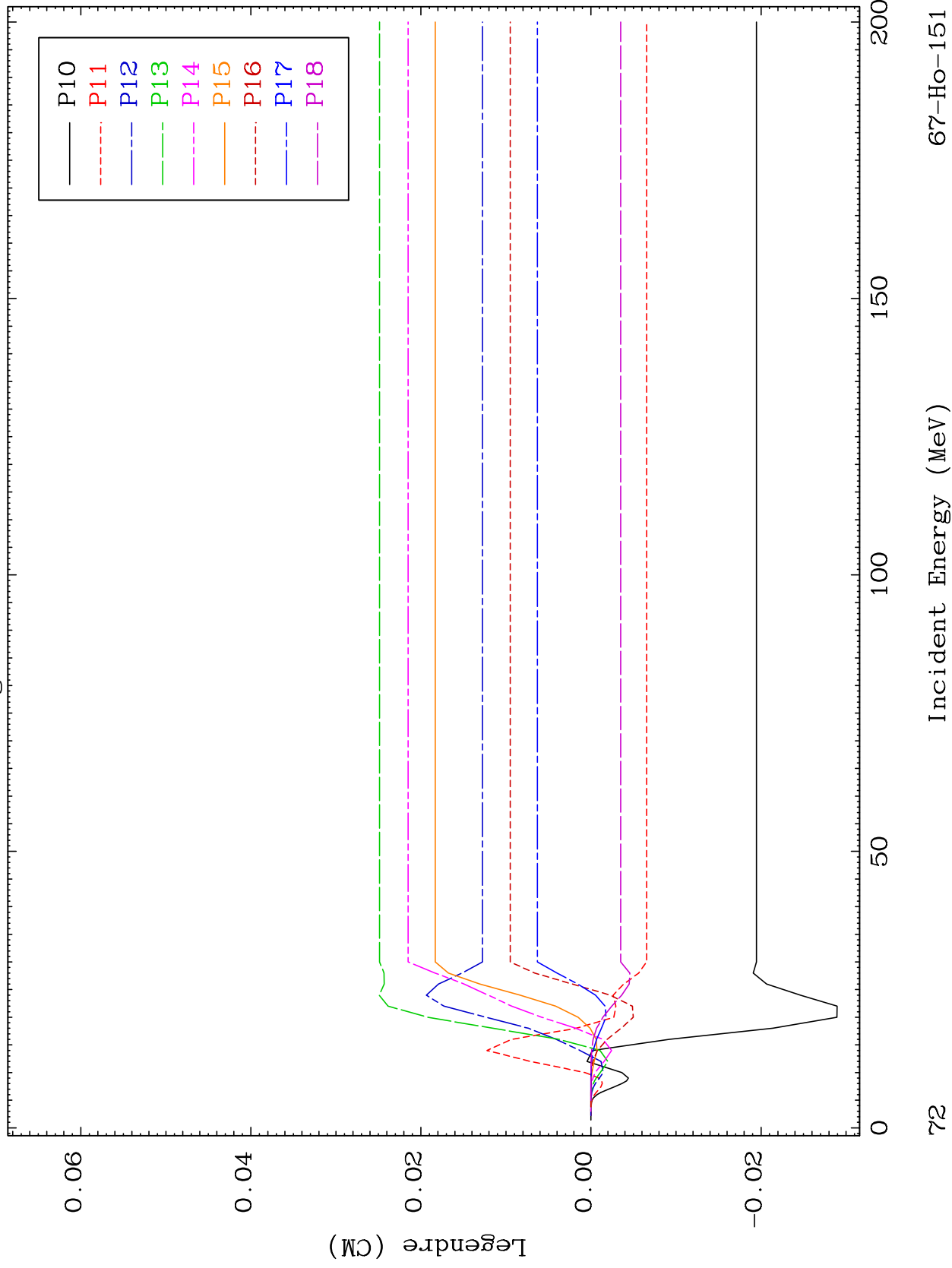
Incident Energy (MeV)

71

MAT 6683

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

67-Ho-151



67-Ho-151

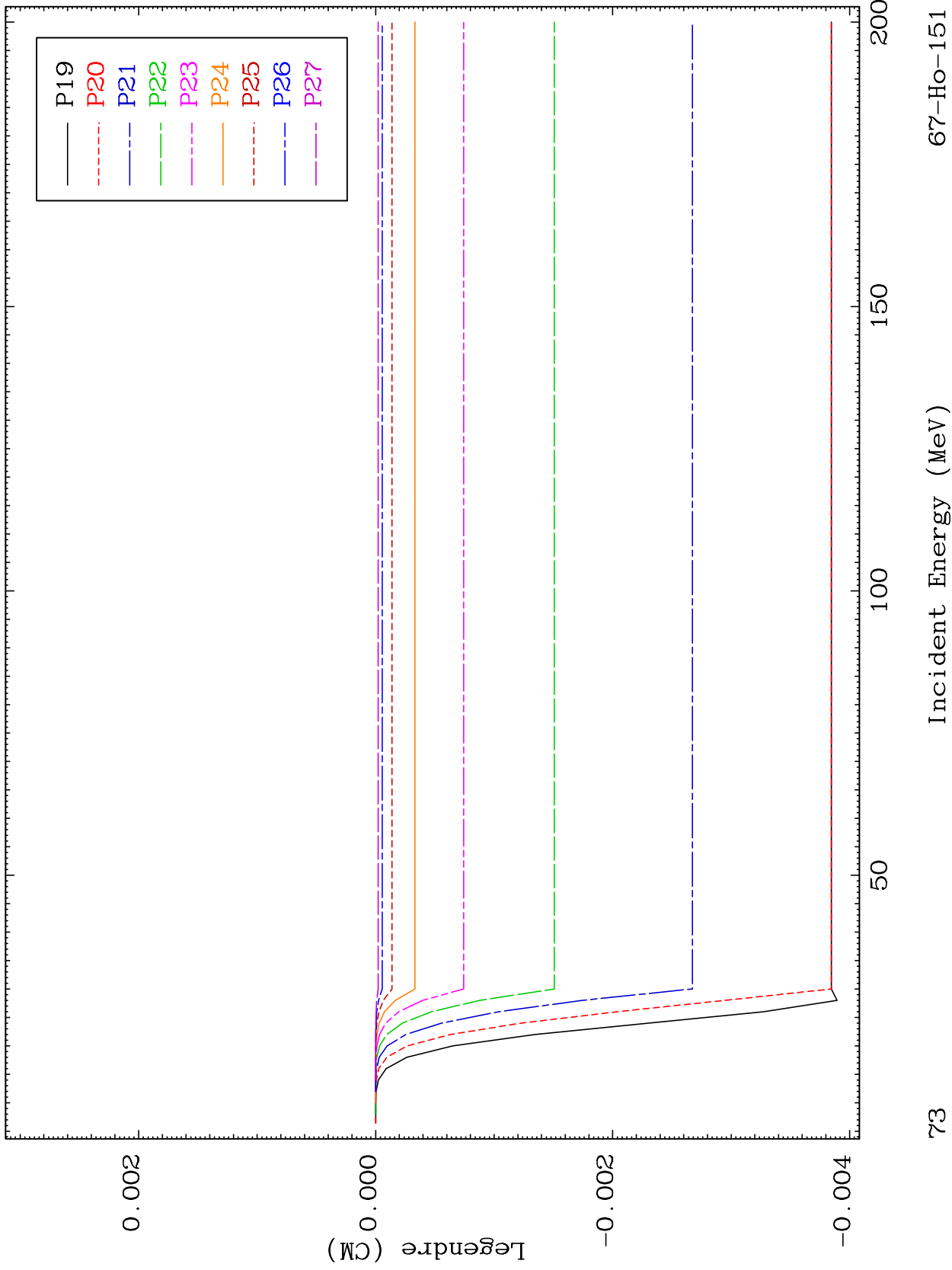
Incident Energy (MeV)

72

MAT 6683

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

67-Ho-151



73

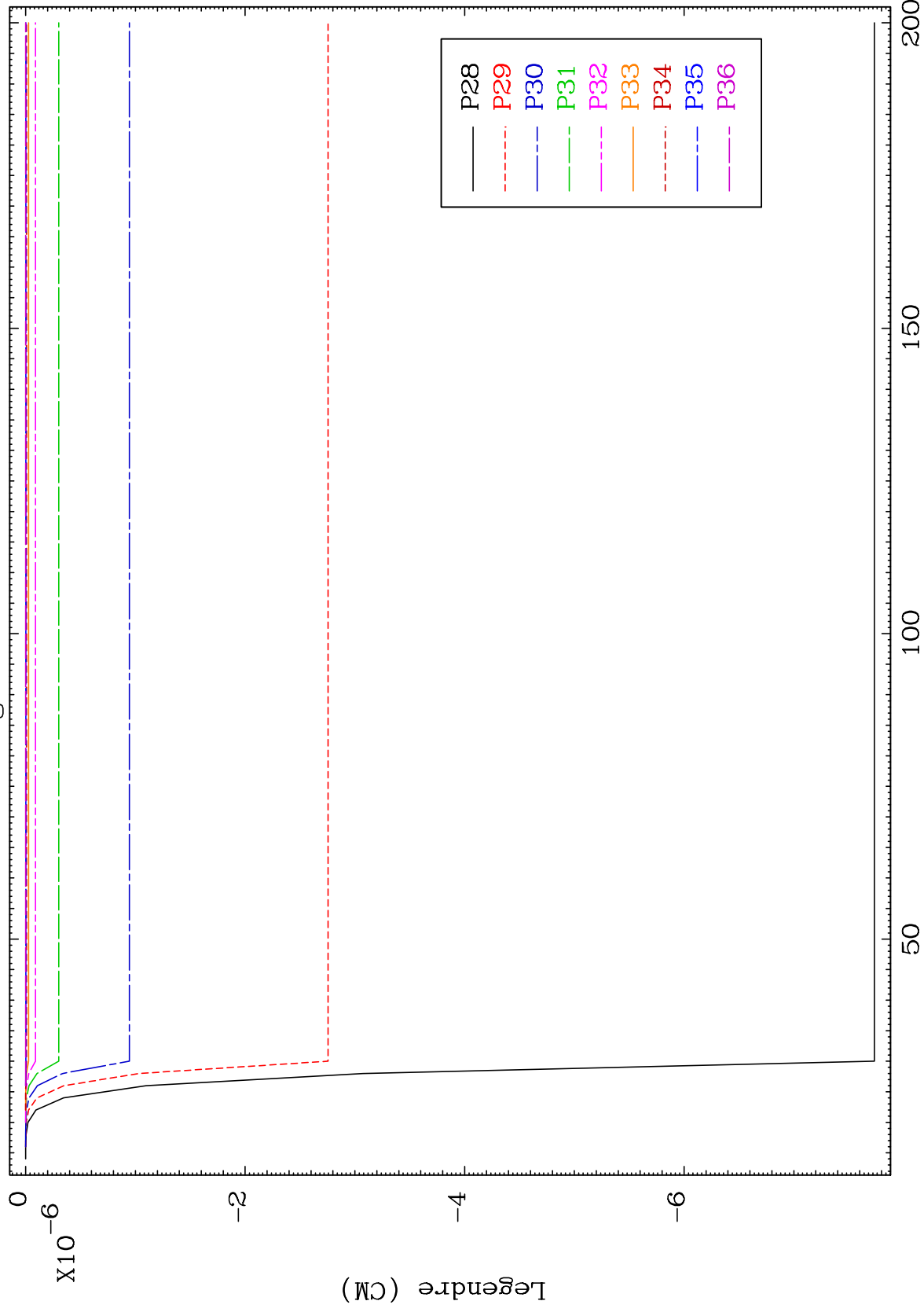
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

67-Ho-151



74

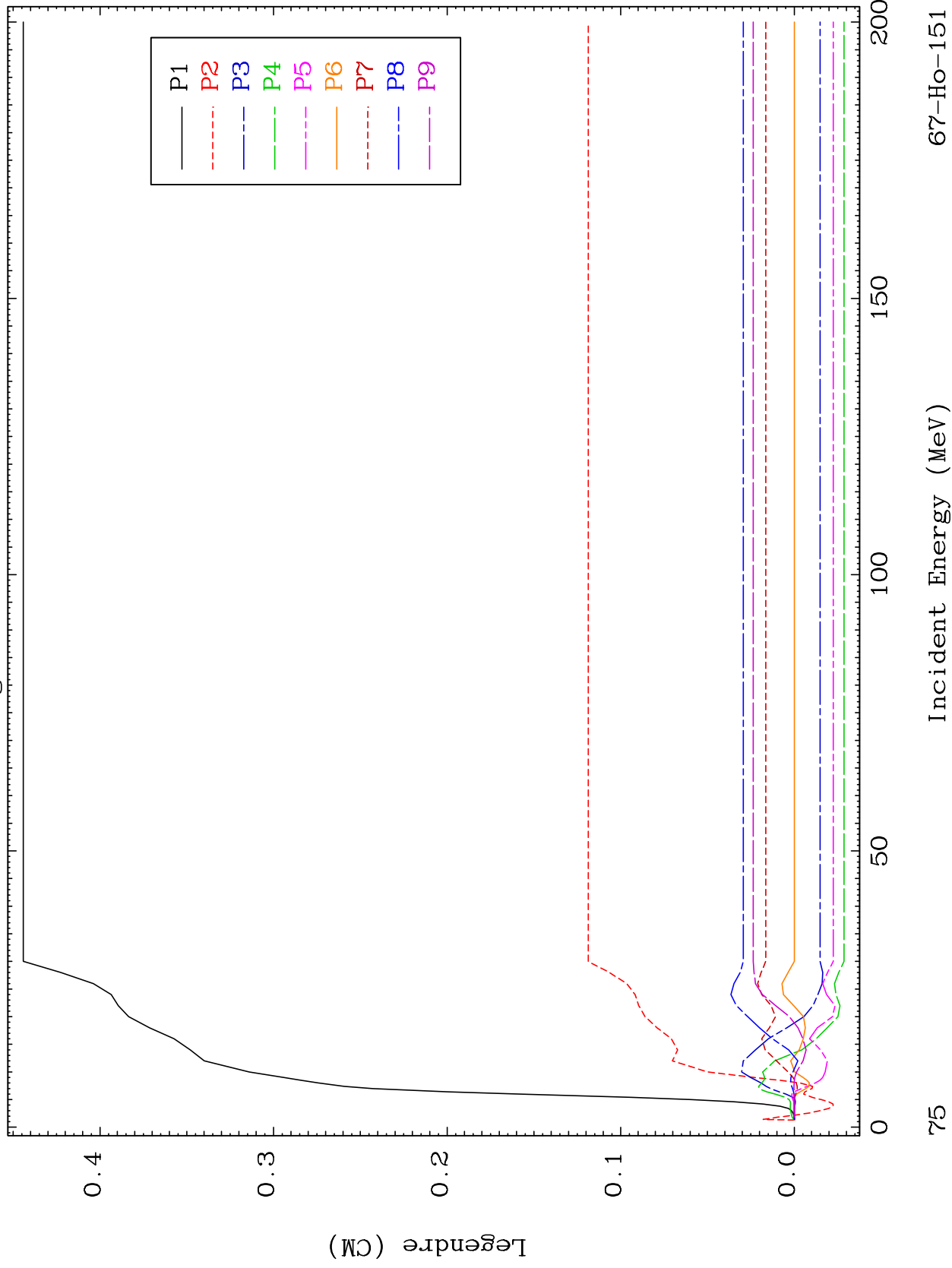
Incident Energy (MeV)

67-Ho-151

MAT 6683

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

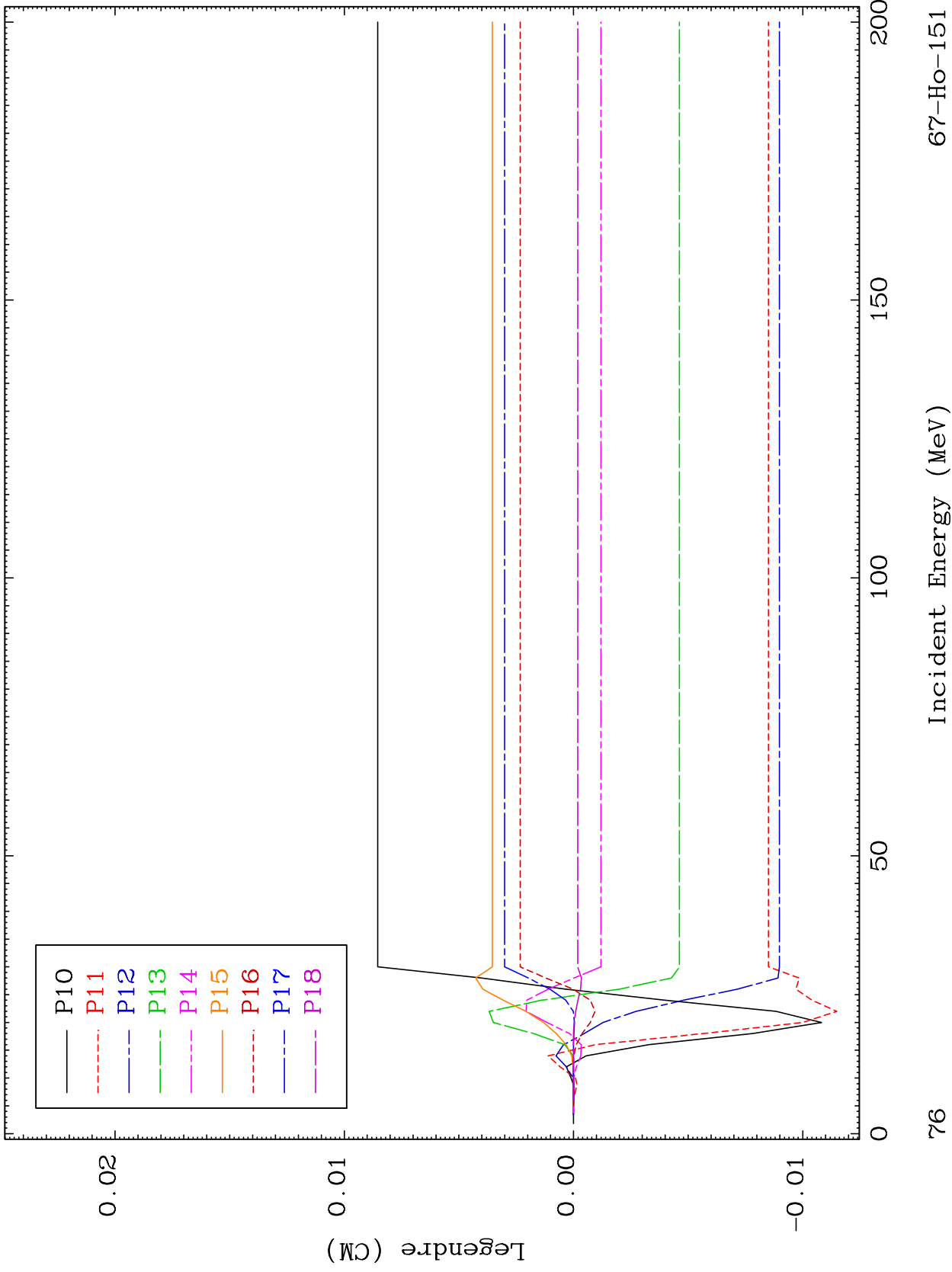
67-Ho-151



MAT 6683

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

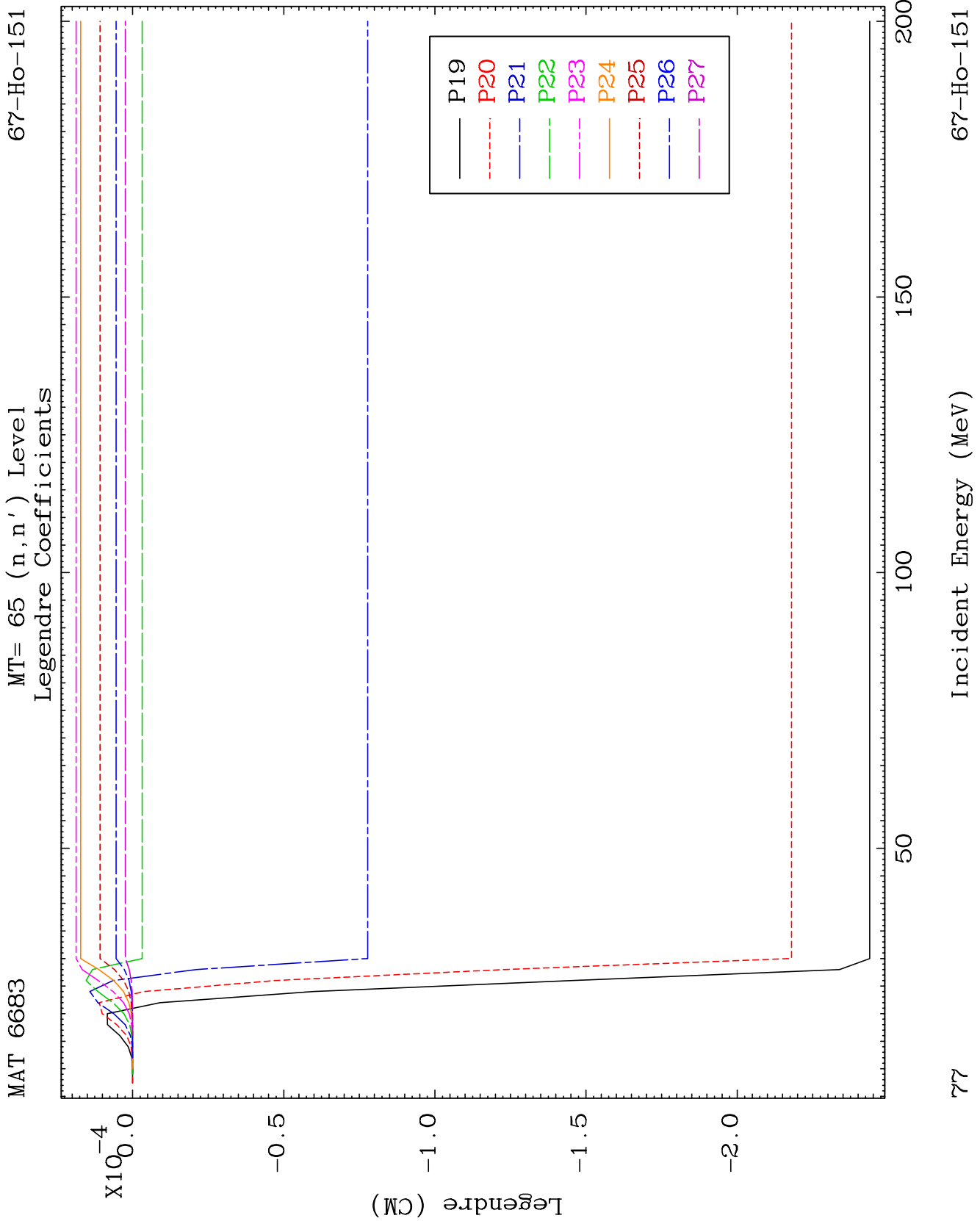
67-Ho-151



76

Incident Energy (MeV)

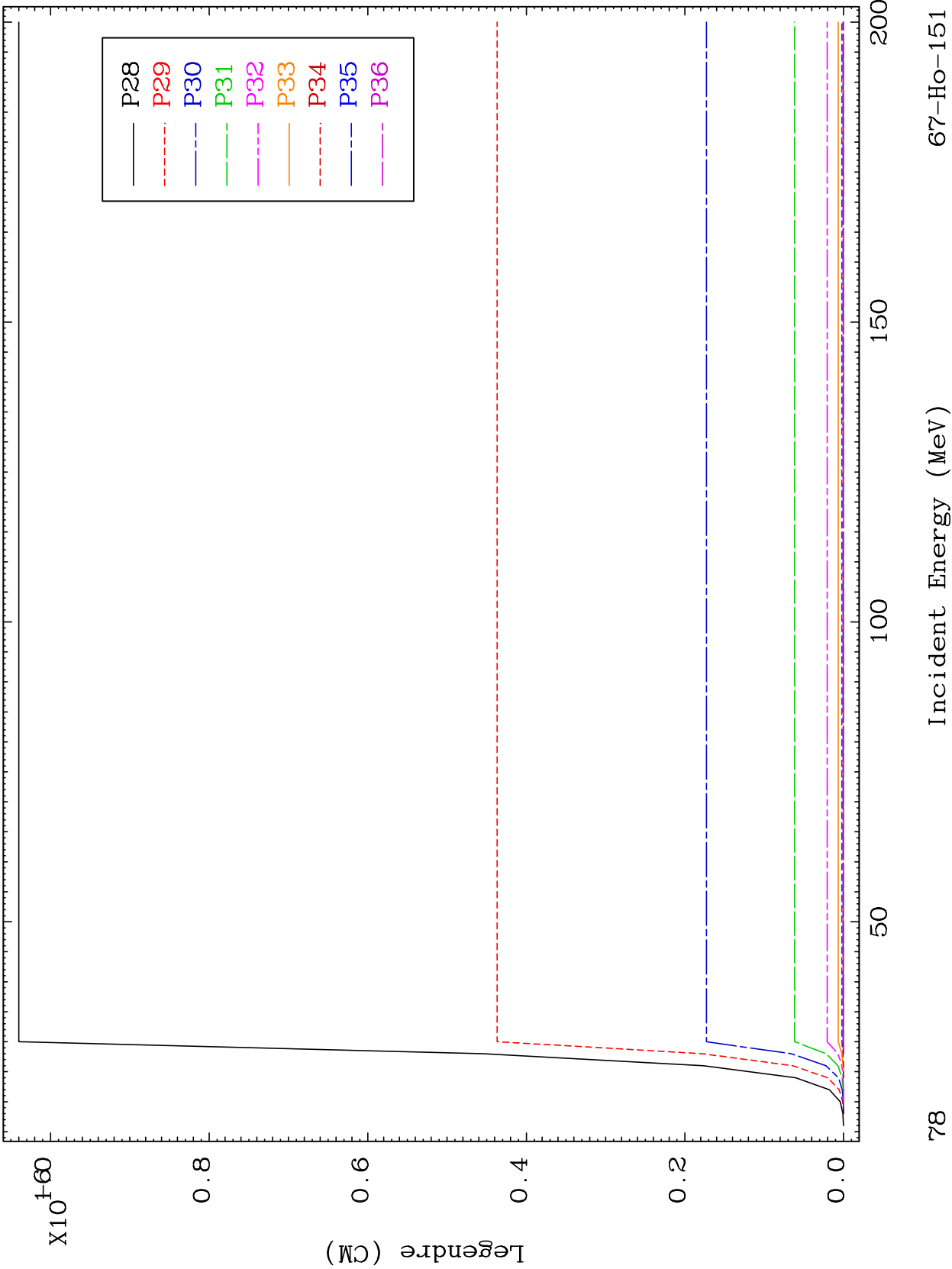
67-Ho-151



MAT 6683

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

67-Ho-151



78

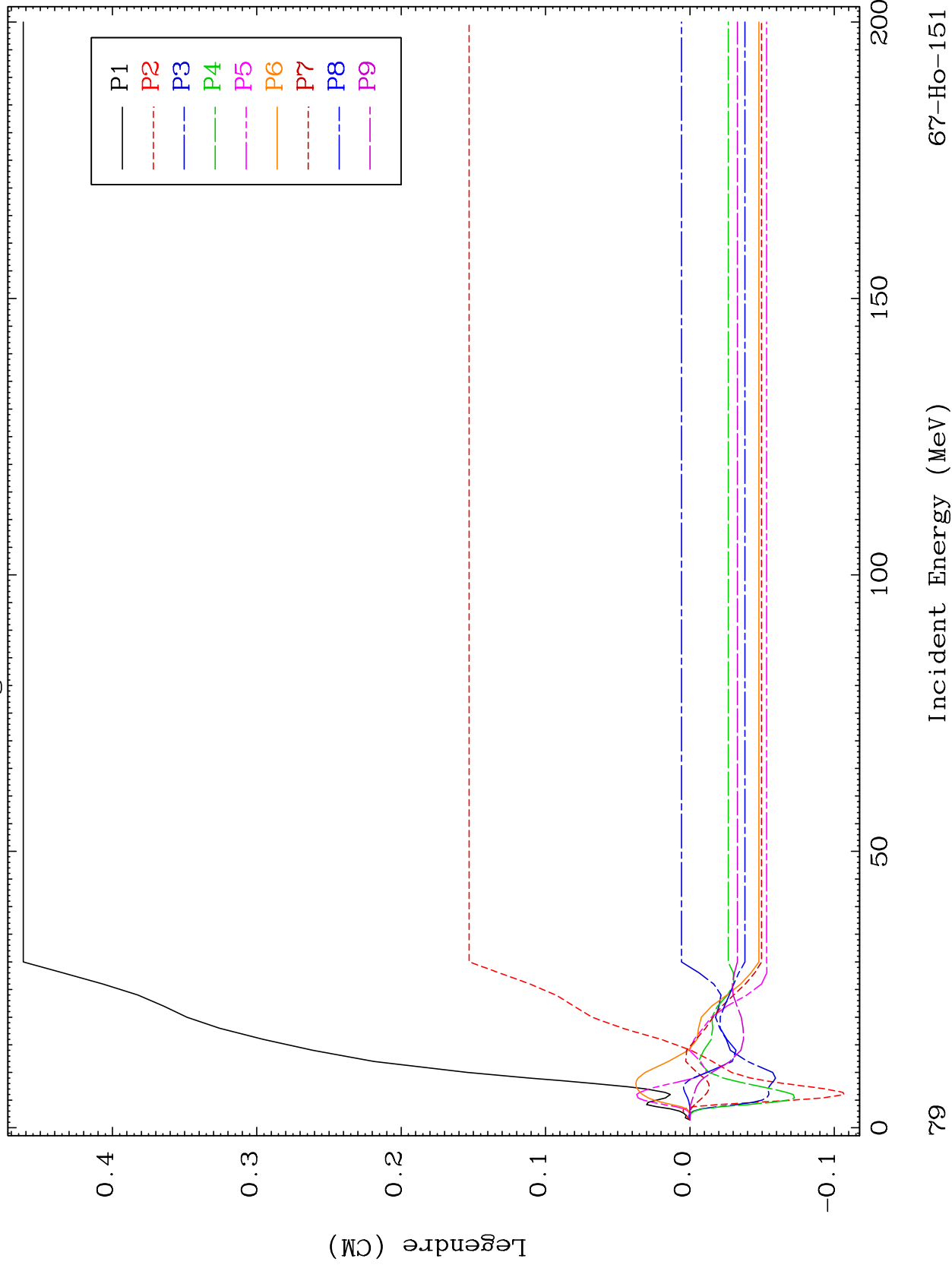
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 66 (n,n') Level
Legendre Coefficients

67-Ho-151



67-Ho-151

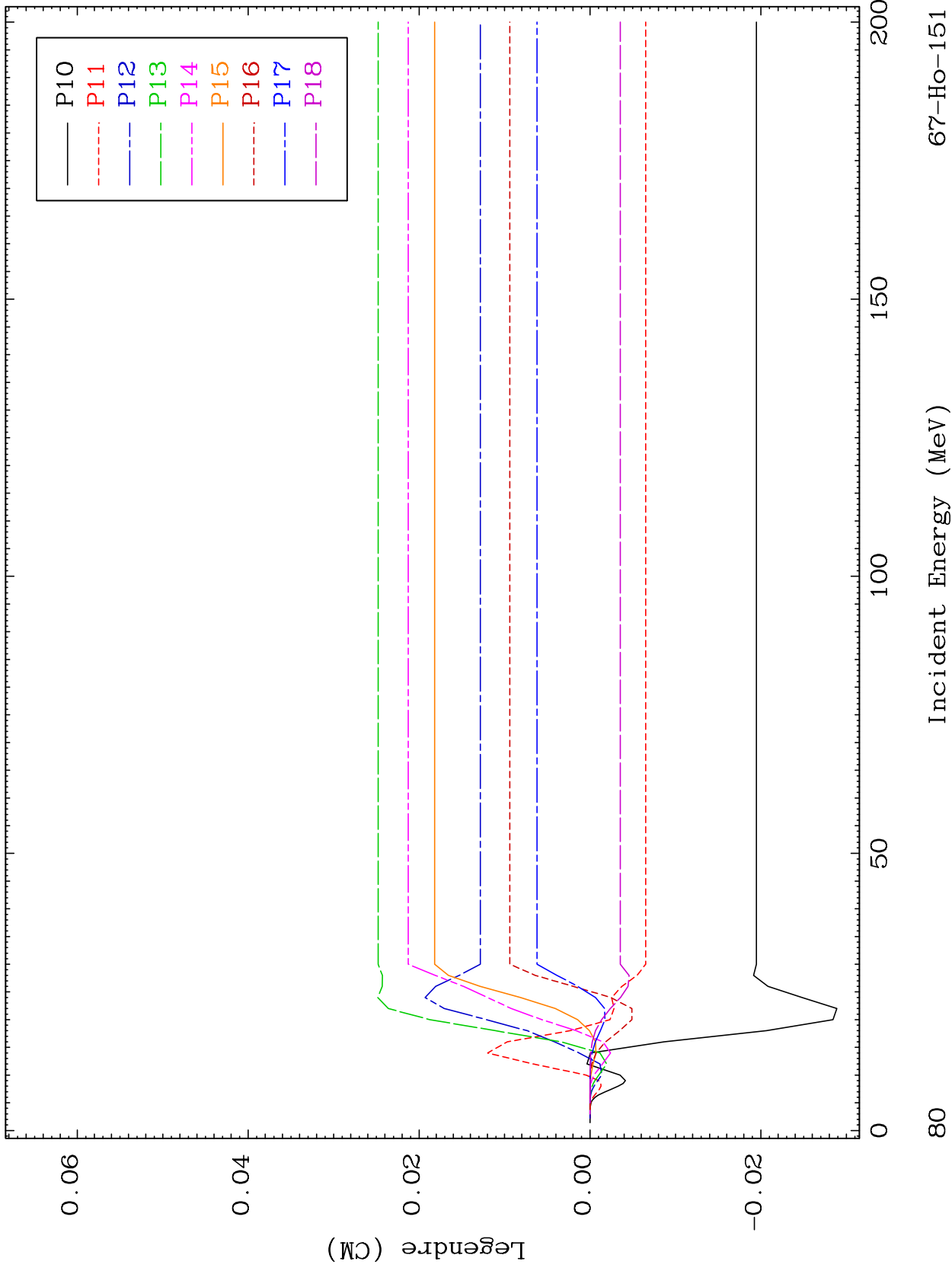
Incident Energy (MeV)

79

MAT 6683

MT= 66 (n,n') Level
Legendre Coefficients

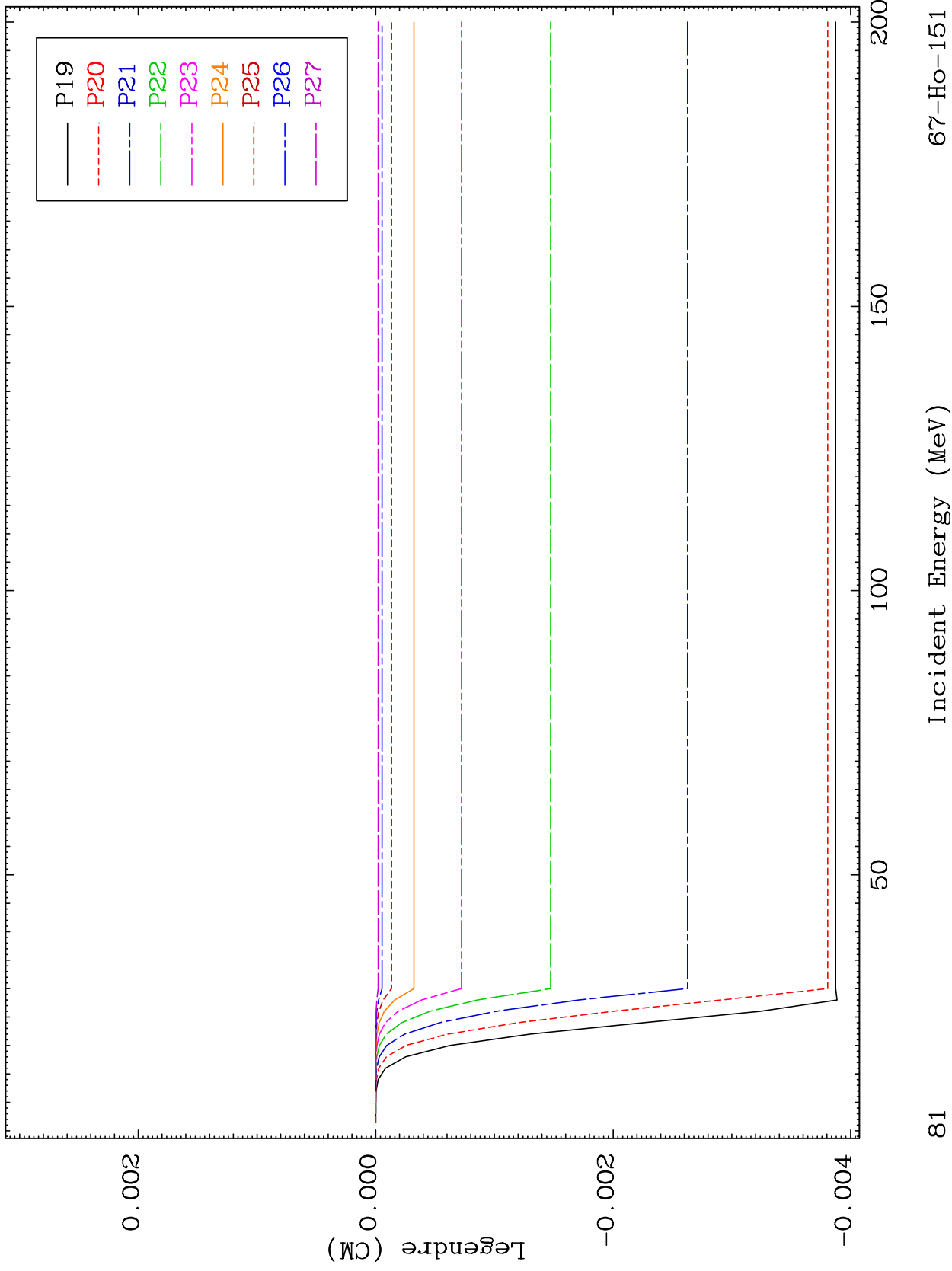
67-Ho-151



MAT 6683

MT= 66 (n,n') Level
Legendre Coefficients

67-Ho-151



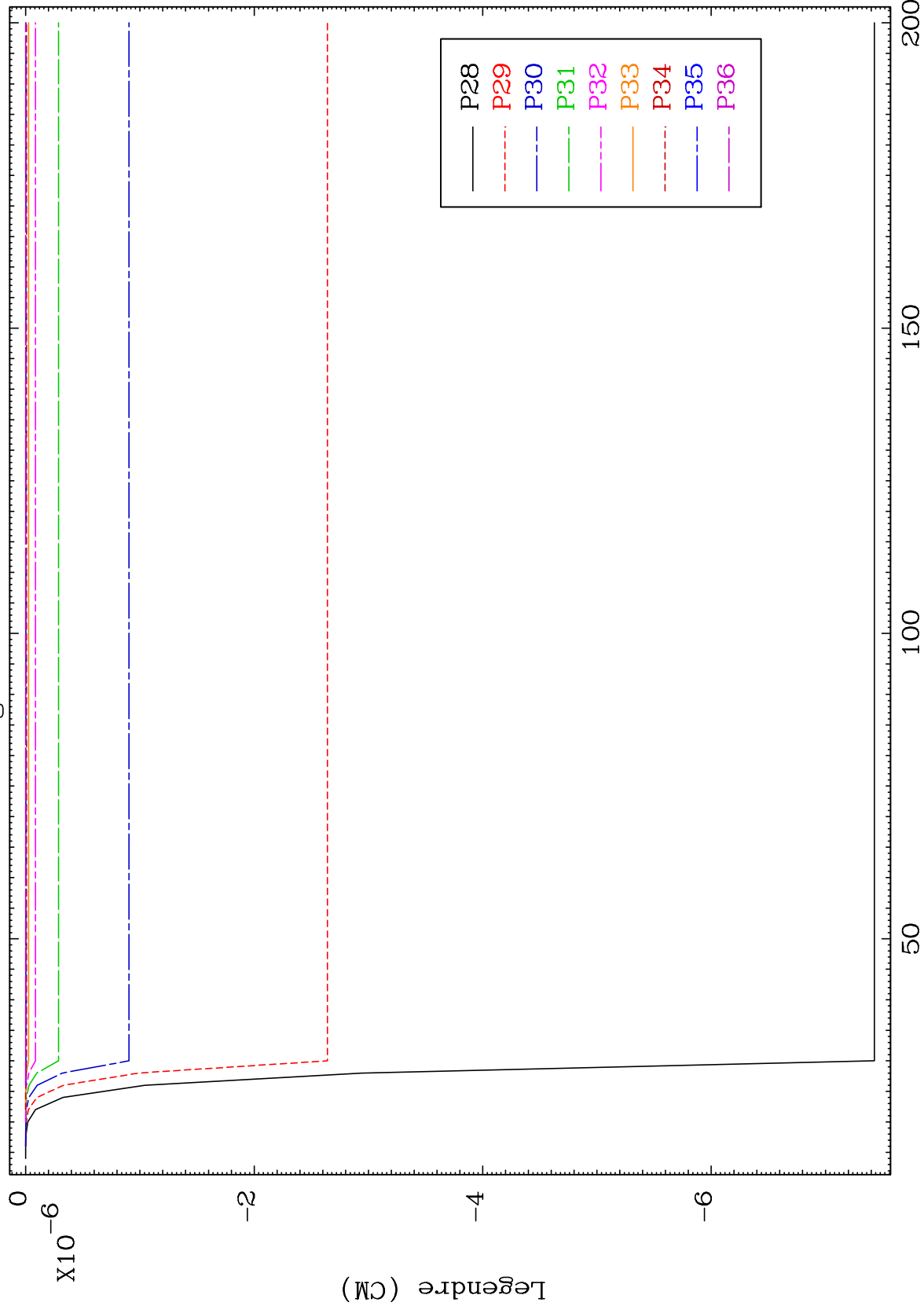
81

67-Ho-151

MAT 6683

MT= 66 (n,n') Level
Legendre Coefficients

67-Ho-151



82

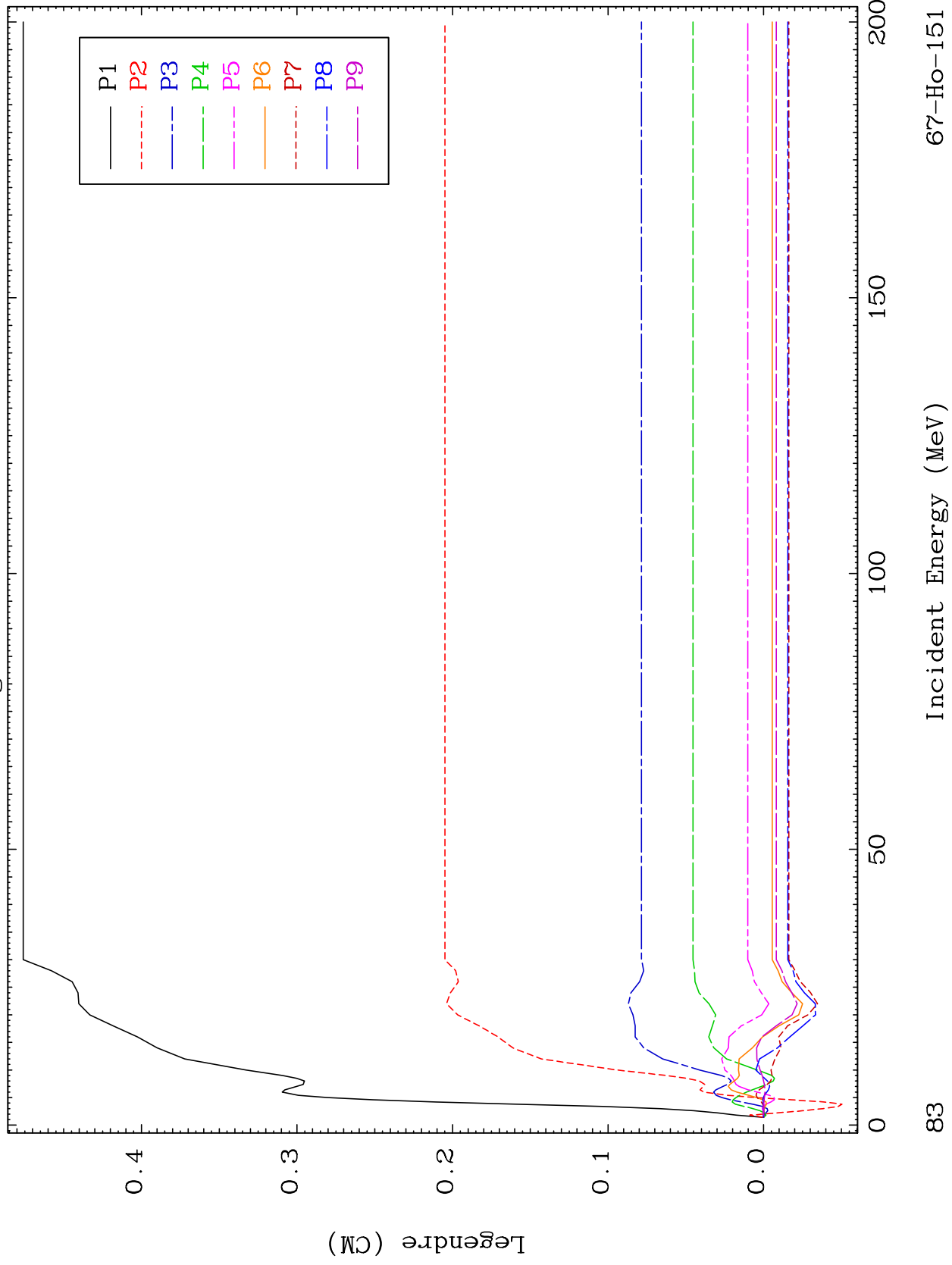
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 67 (n,n') Level
Legendre Coefficients

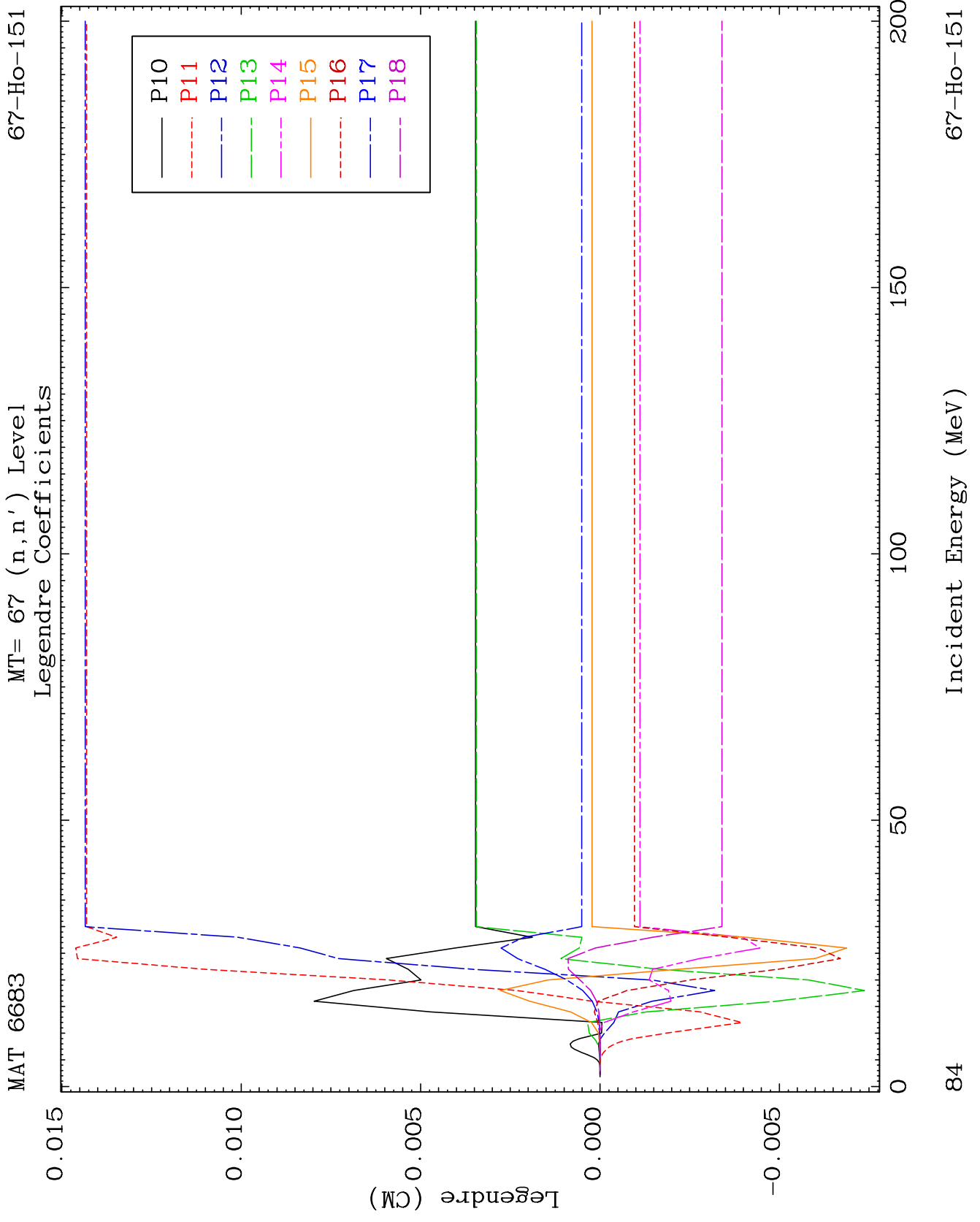
67-Ho-151



67-Ho-151

Incident Energy (MeV)

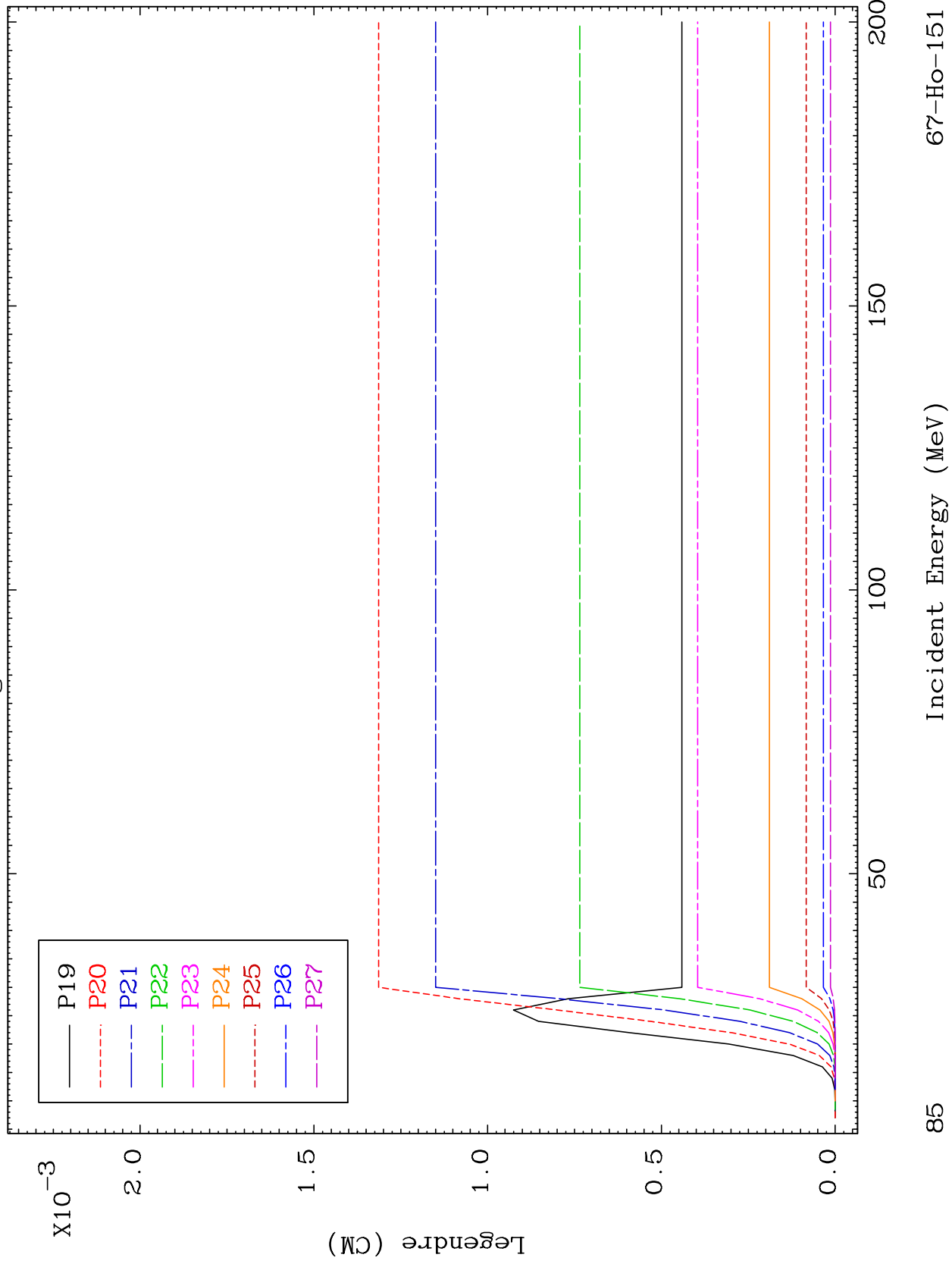
83



MAT 6683

MT= 67 (n,n') Level
Legendre Coefficients

67-Ho-151



85

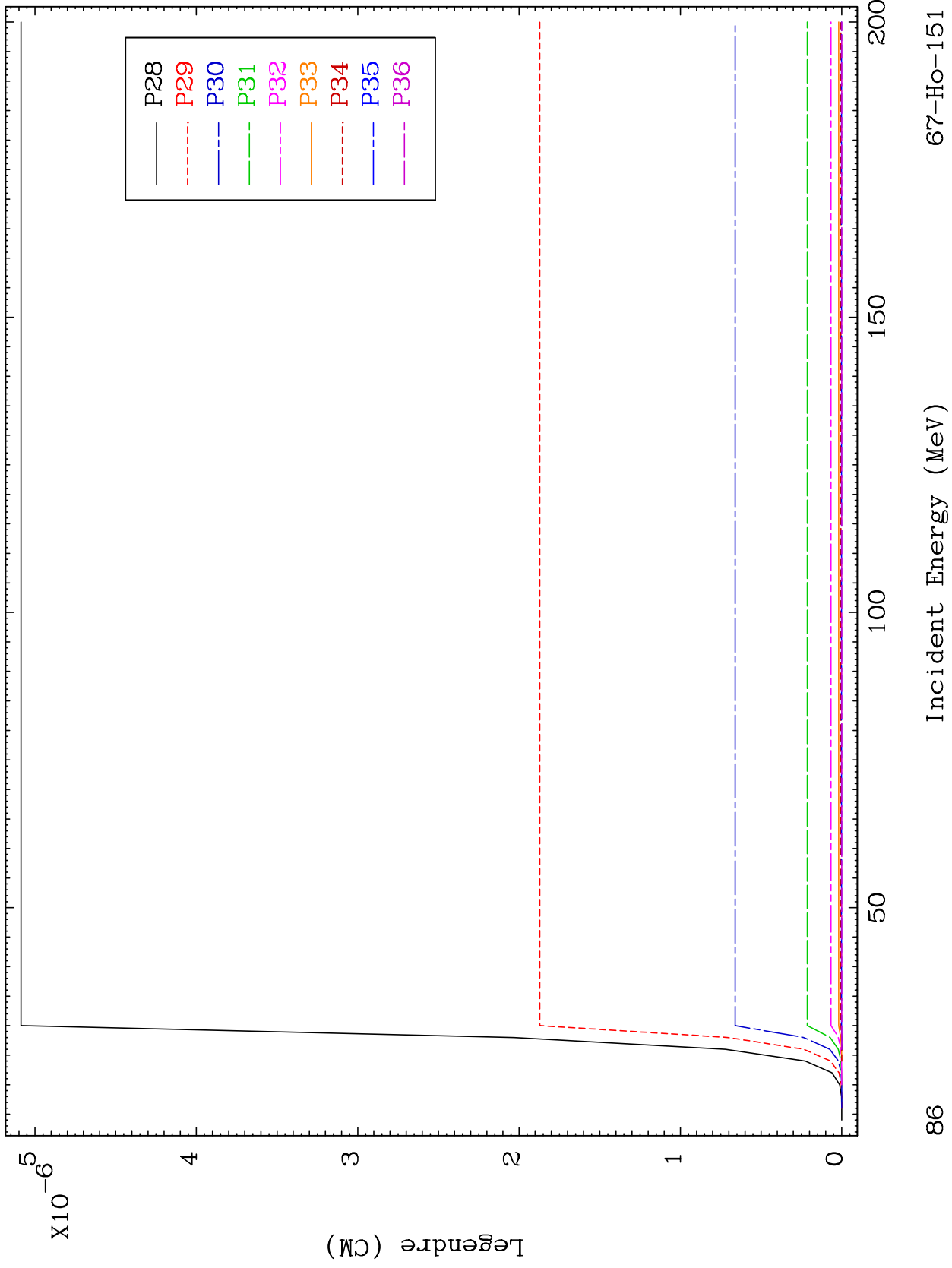
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 67 (n,n') Level
Legendre Coefficients

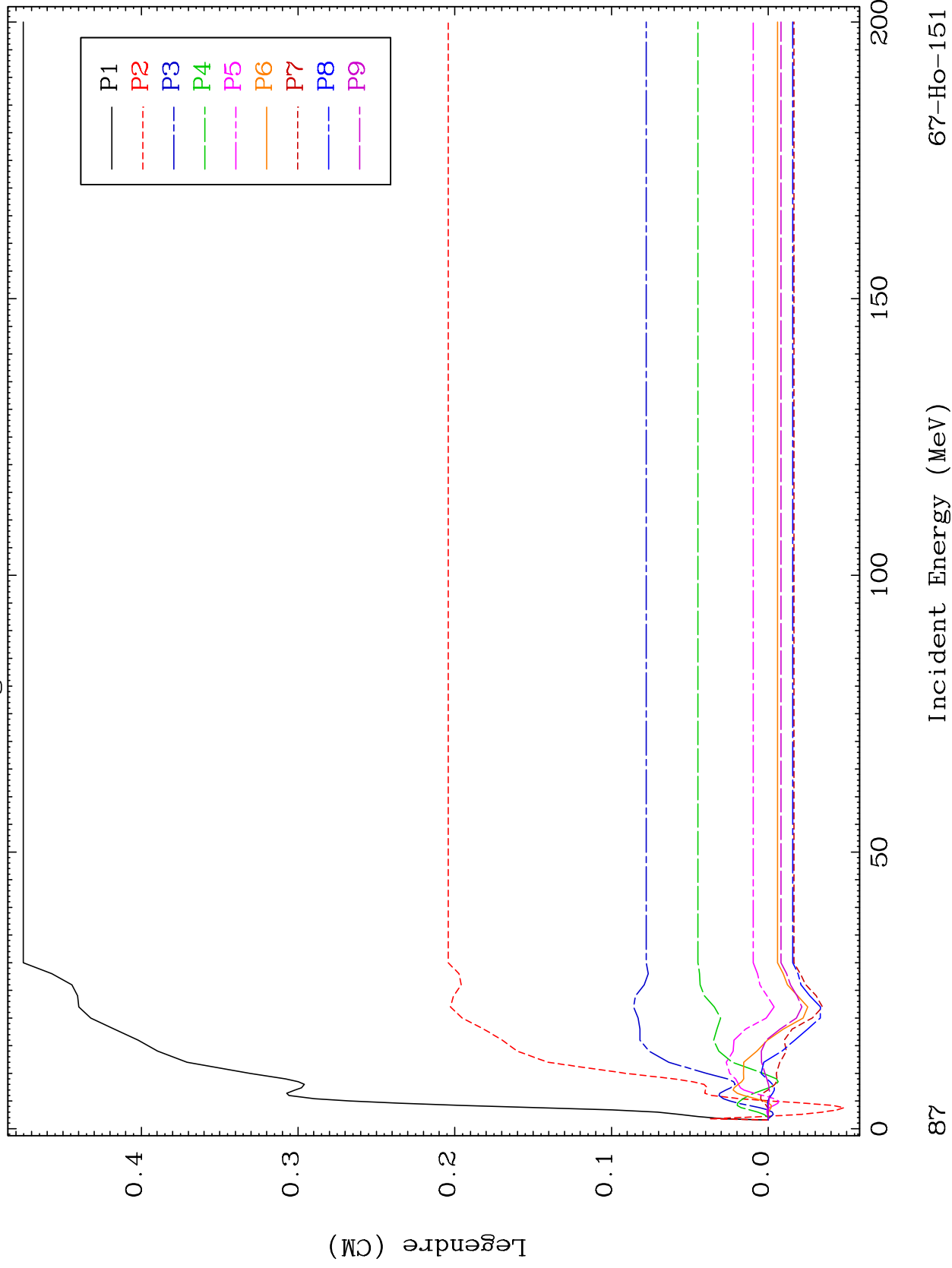
67-Ho-151



MAT 6683

MT= 68 (n,n') Level
Legendre Coefficients

67-Ho-151



67-Ho-151

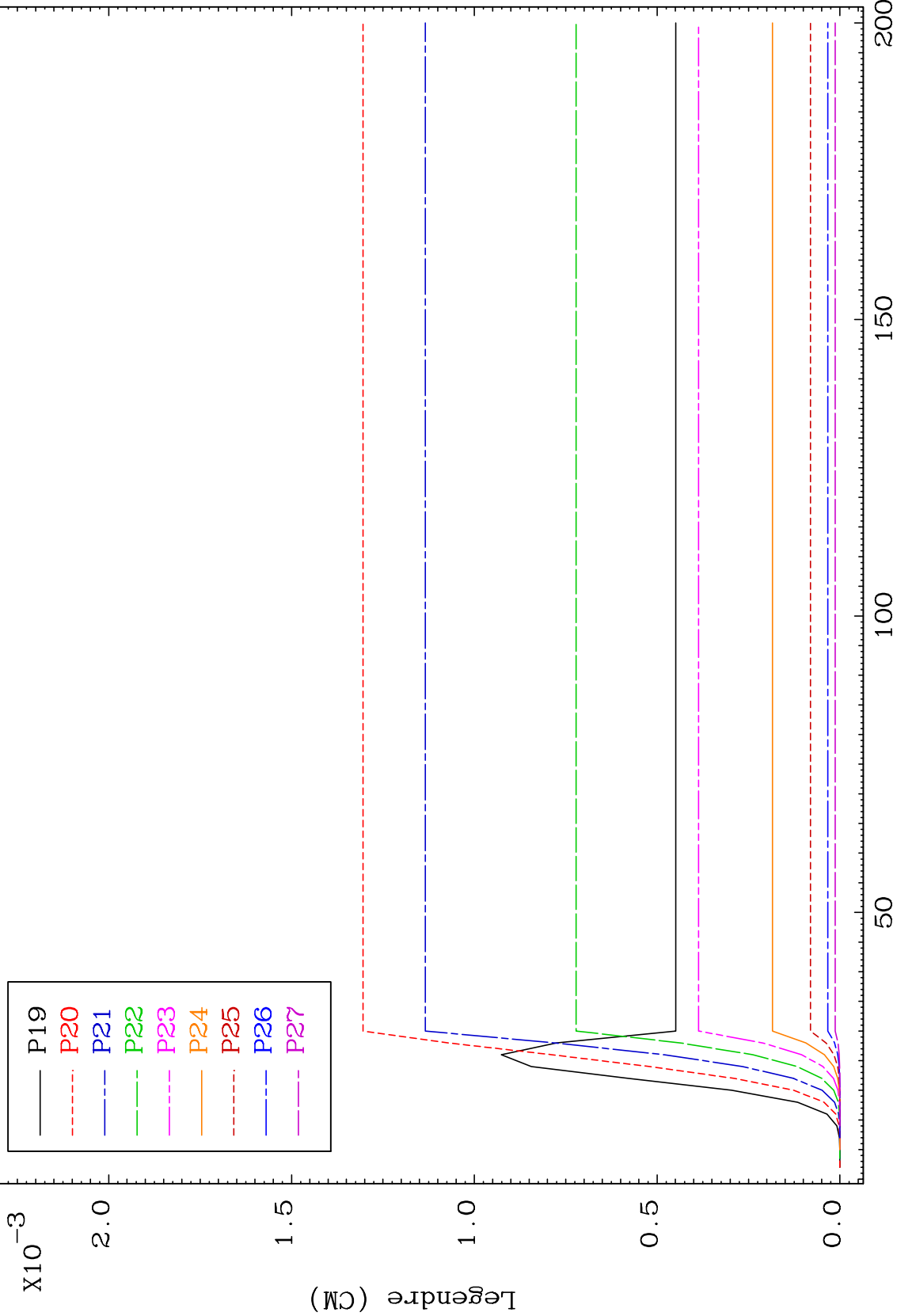
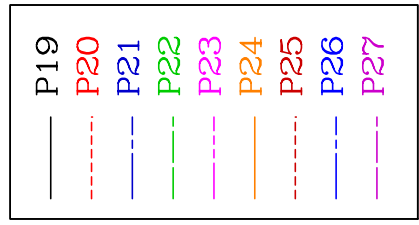
Incident Energy (MeV)

87

MAT 6683

MT= 68 (n,n') Level
Legendre Coefficients

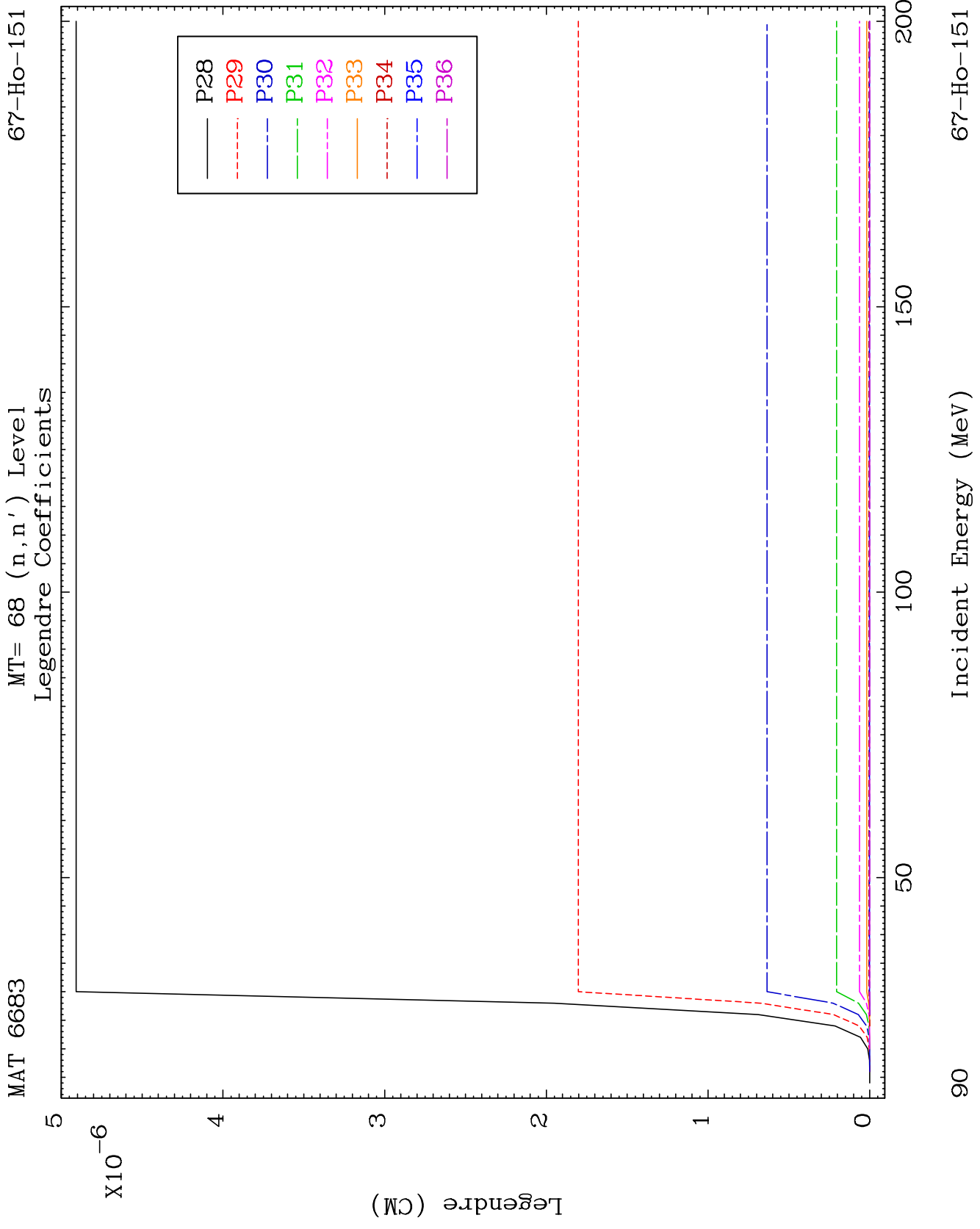
67-Ho-151



89

Incident Energy (MeV)

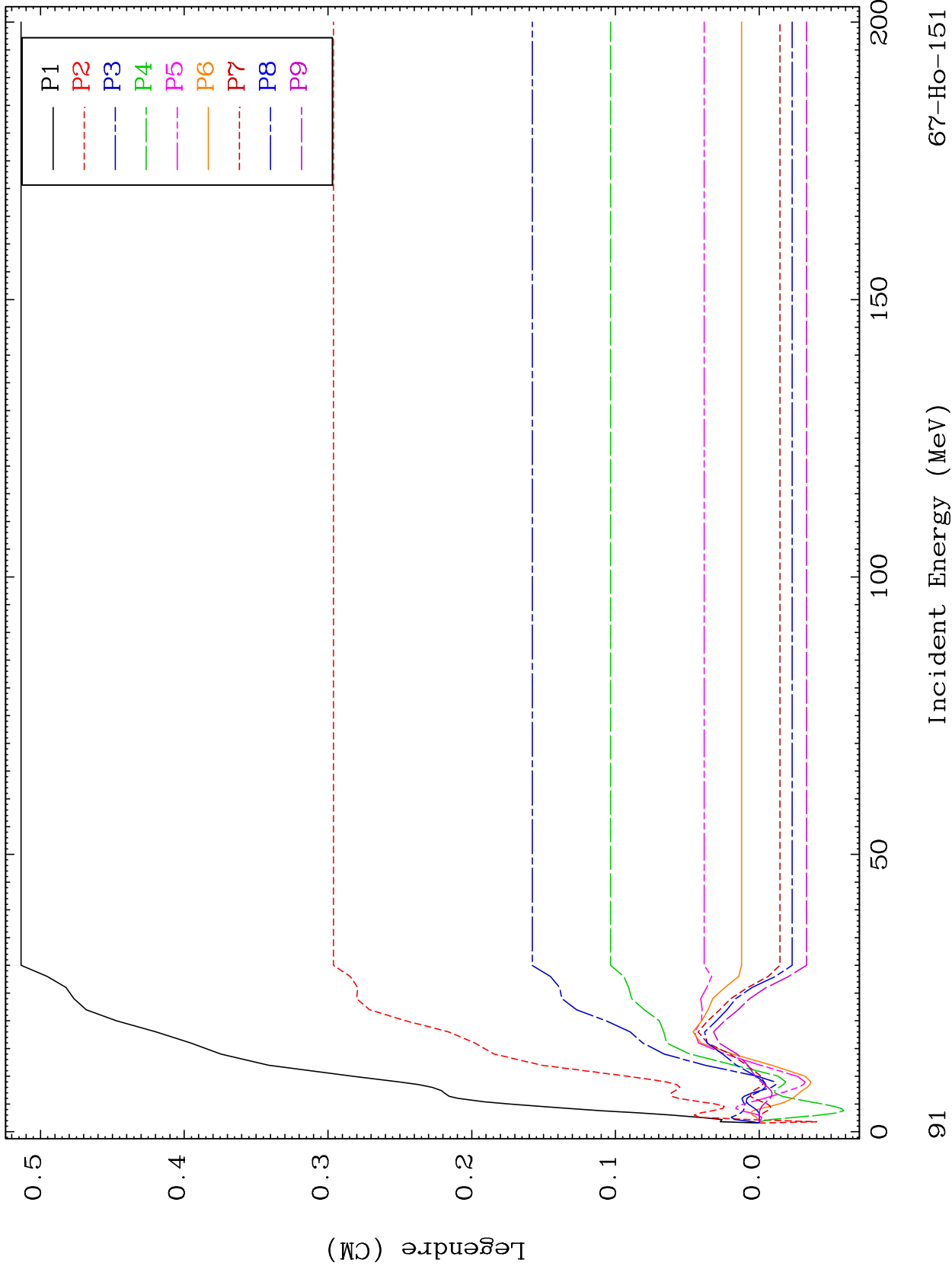
67-Ho-151



MAT 6683

MT= 69 (n,n') Level
Legendre Coefficients

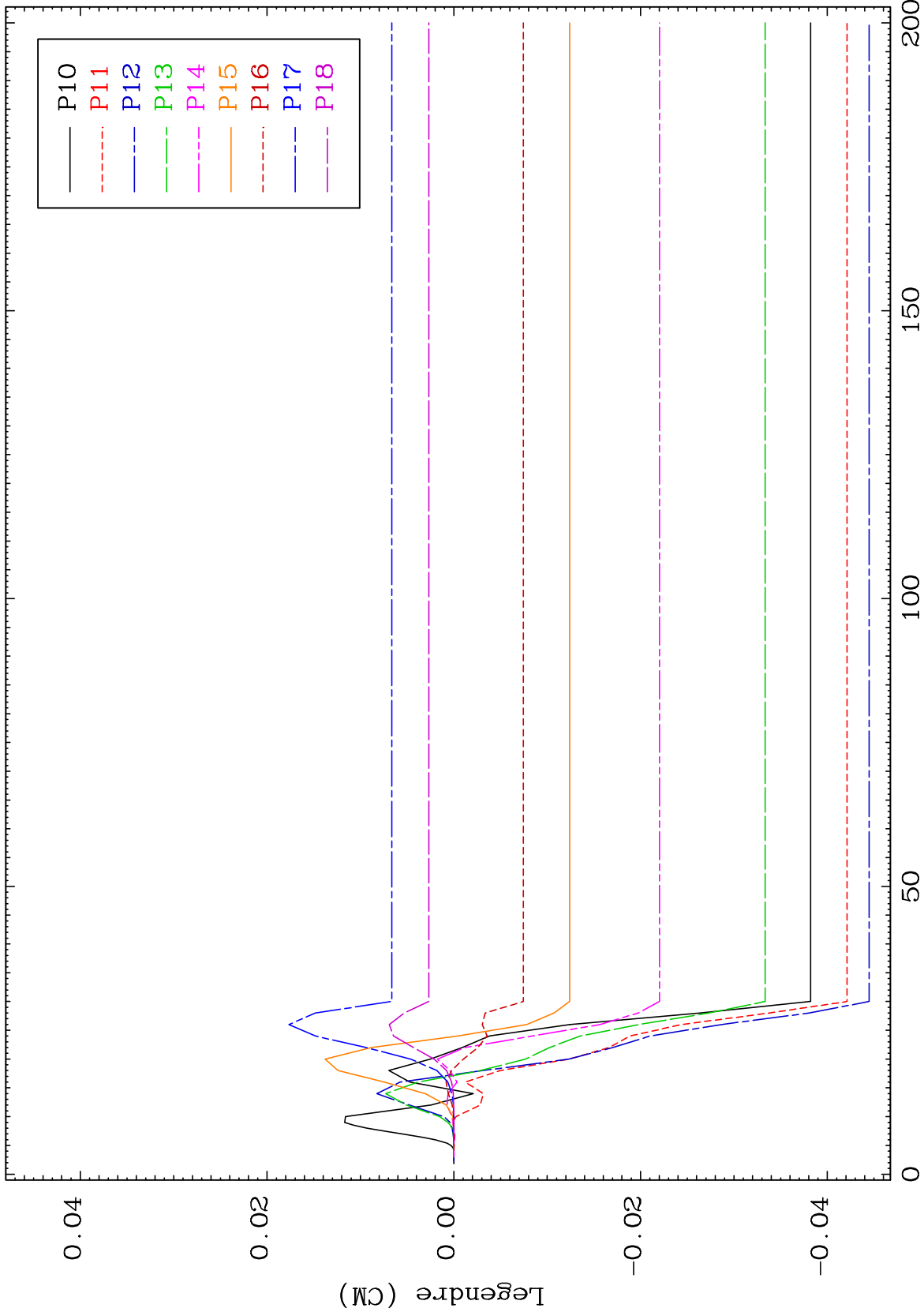
67-Ho-151



MAT 6683

MT= 69 (n,n') Level
Legendre Coefficients

67-Ho-151



92

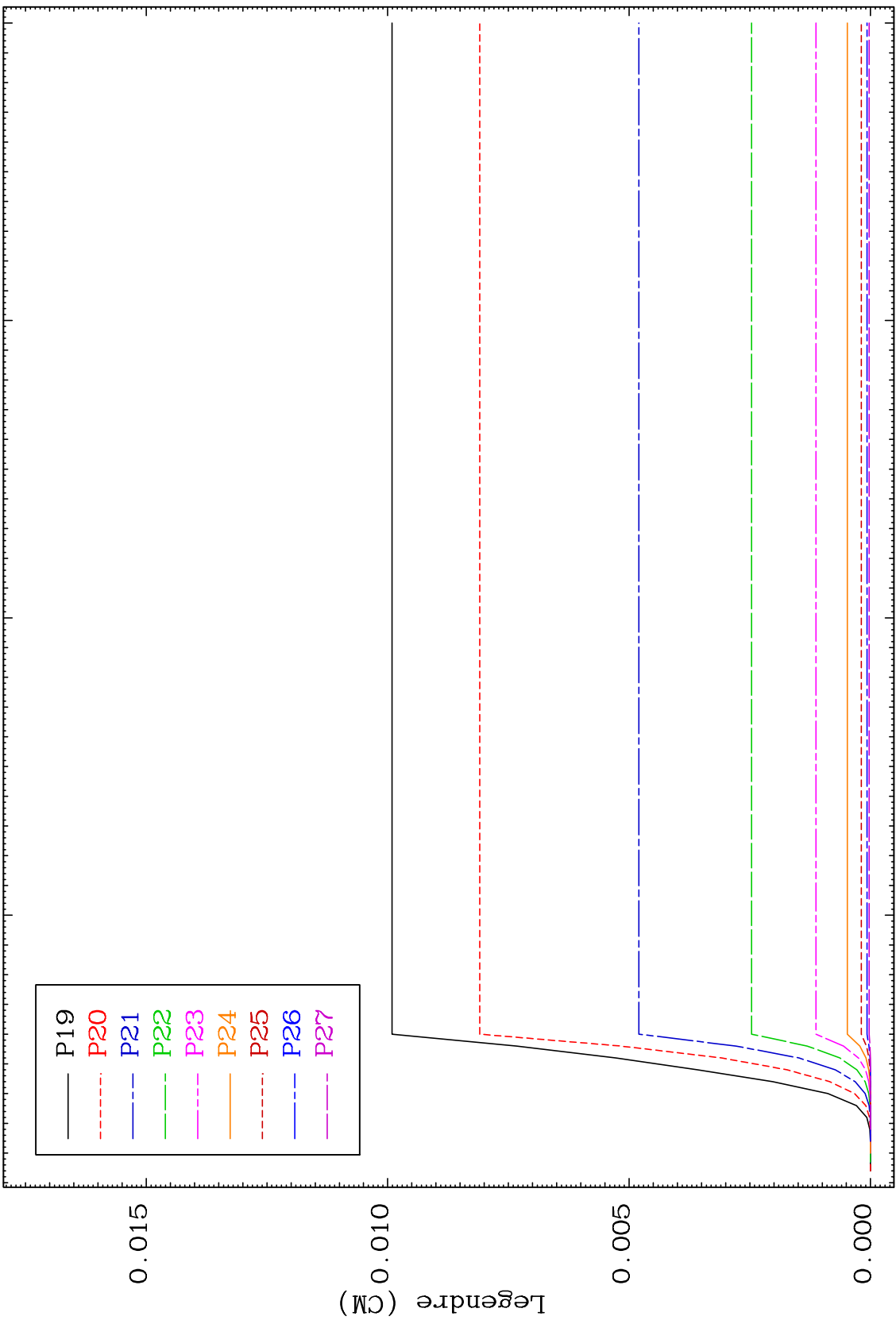
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 69 (n,n') Level
Legendre Coefficients

67-Ho-151



93

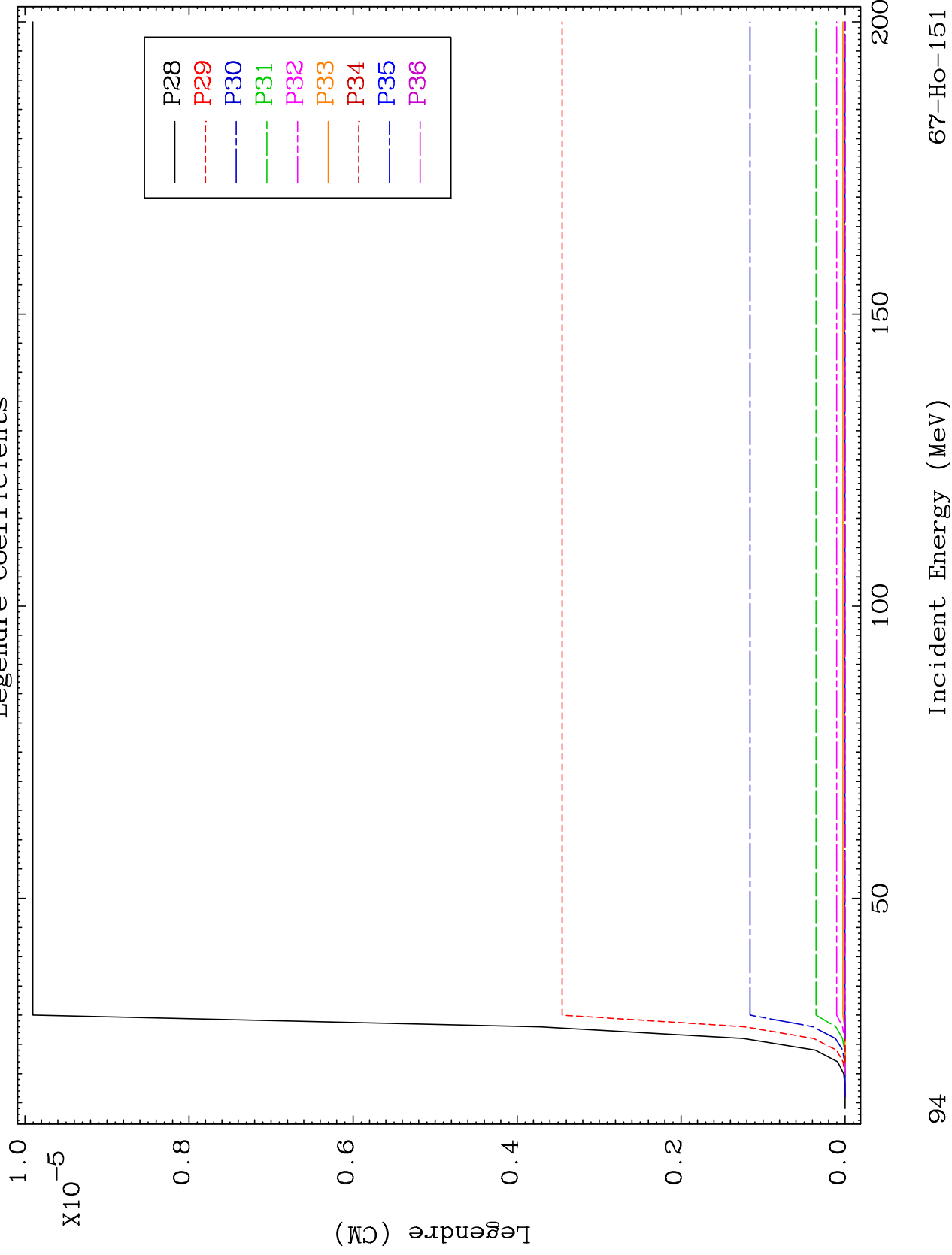
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 69 (n,n') Level
Legendre Coefficients

67-Ho-151



94

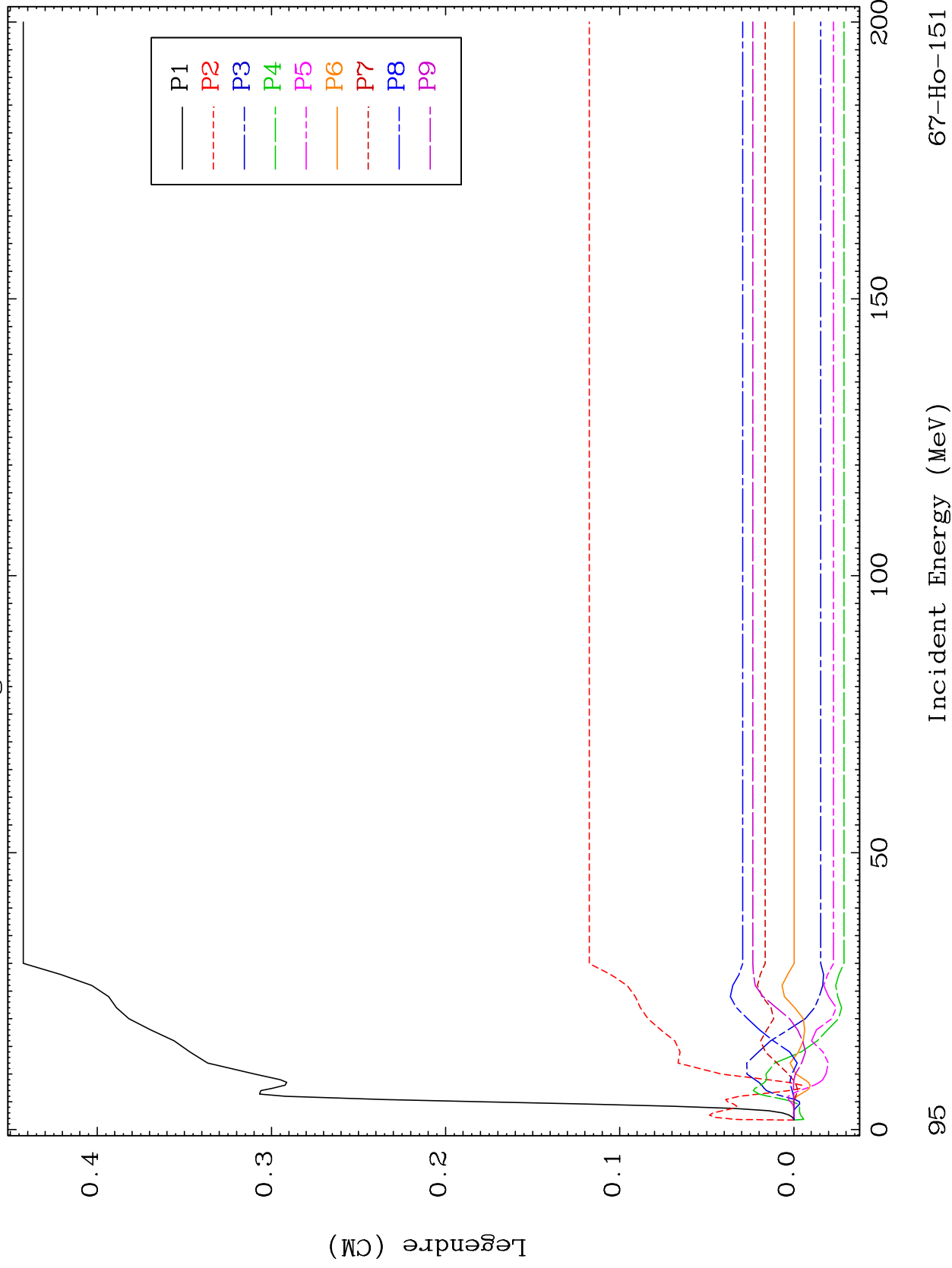
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 70 (n,n') Level
Legendre Coefficients

67-Ho-151



67-Ho-151

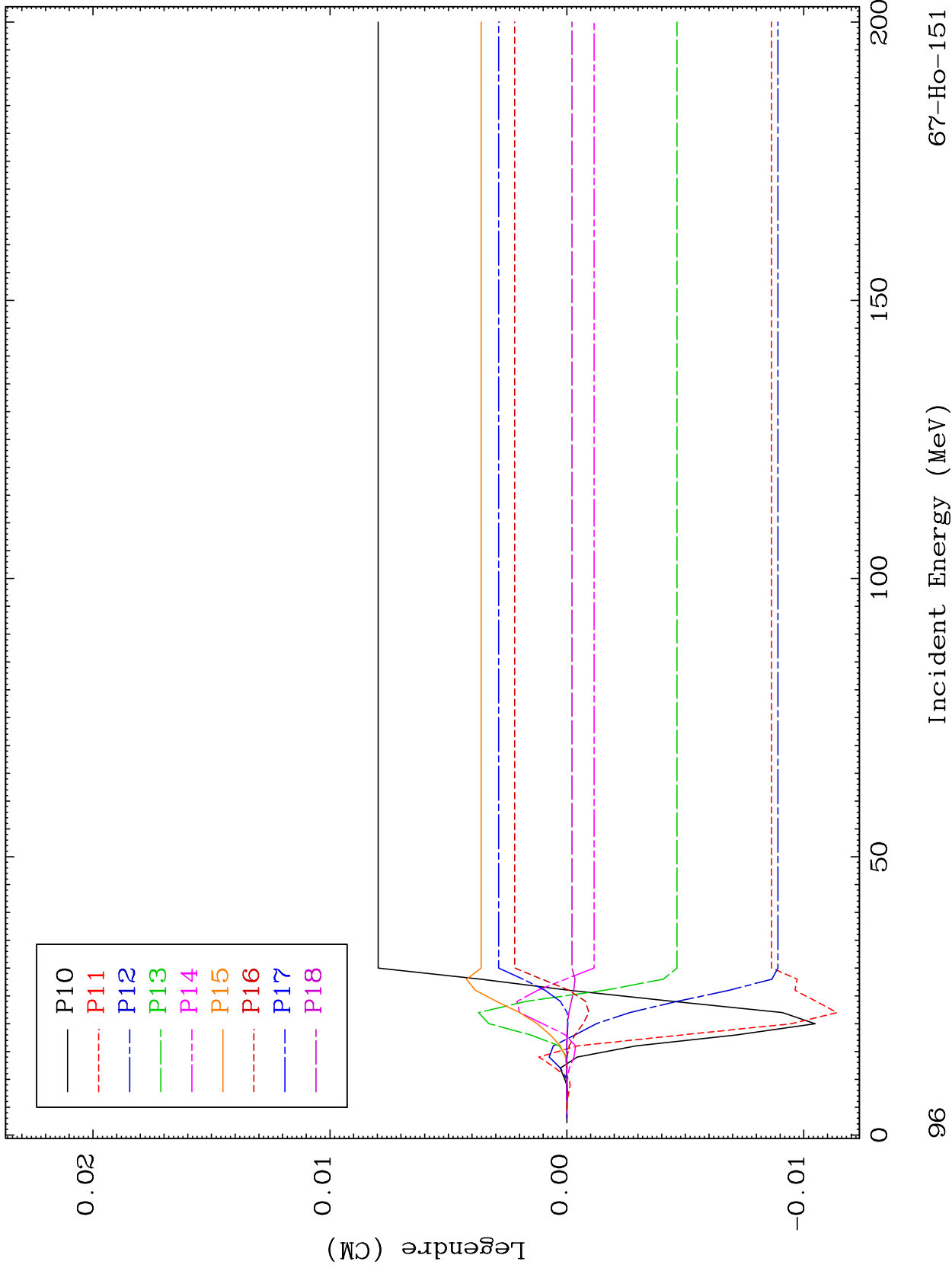
Incident Energy (MeV)

95

MAT 6683

MT= 70 (n,n') Level
Legendre Coefficients

67-Ho-151



96

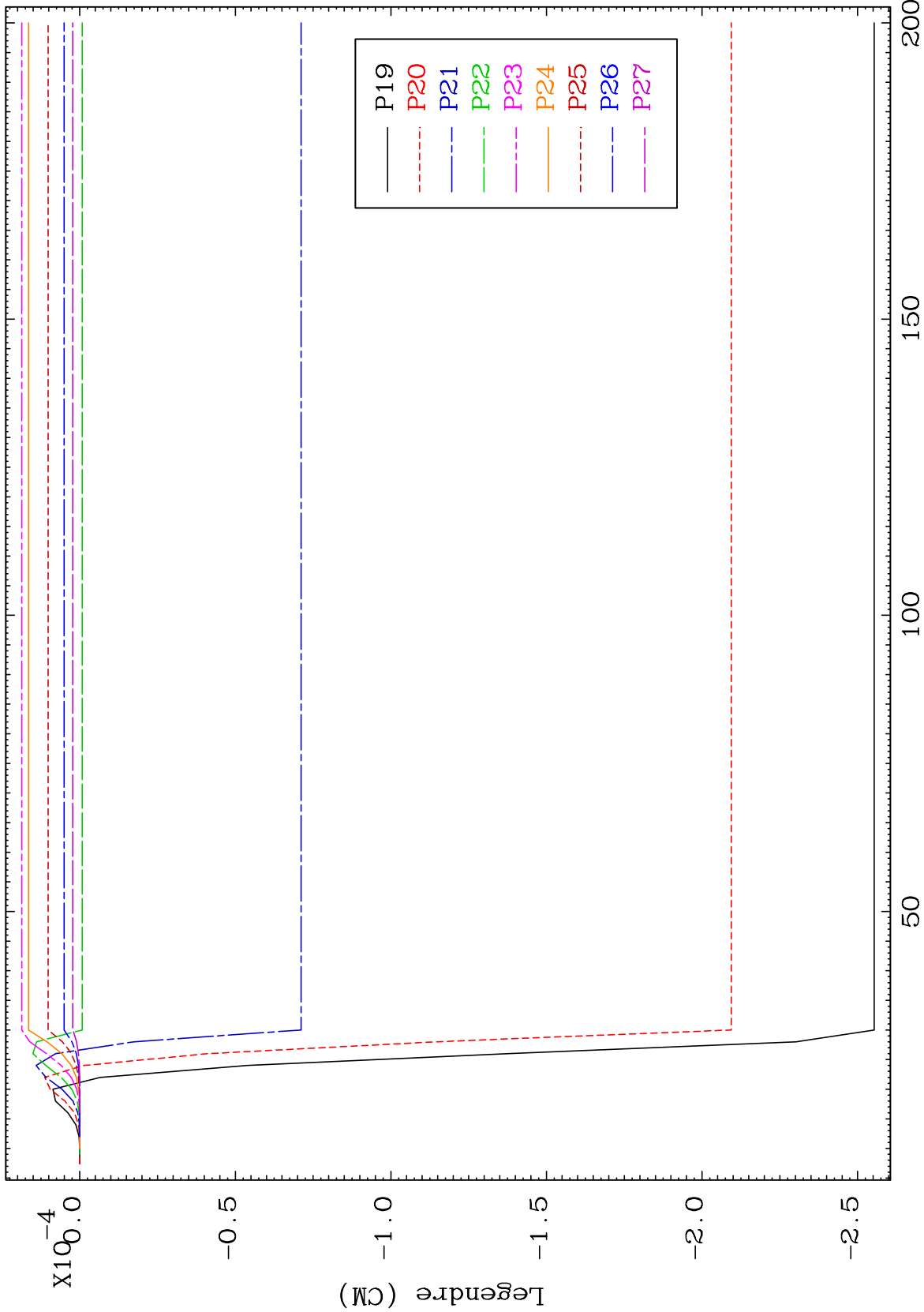
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 70 (n,n') Level
Legendre Coefficients

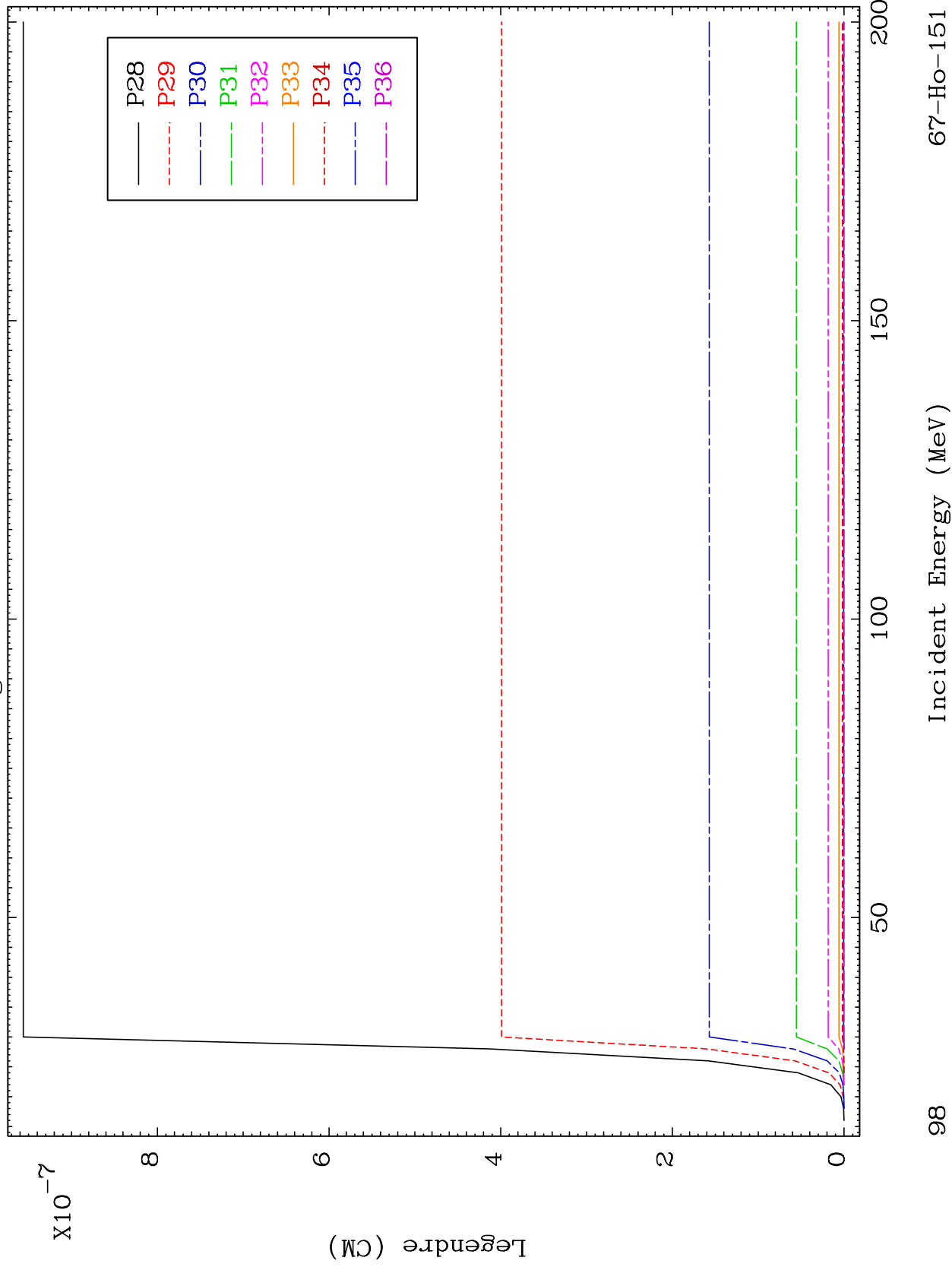
67-Ho-151



MAT 6683

MT= 70 (n,n') Level
Legendre Coefficients

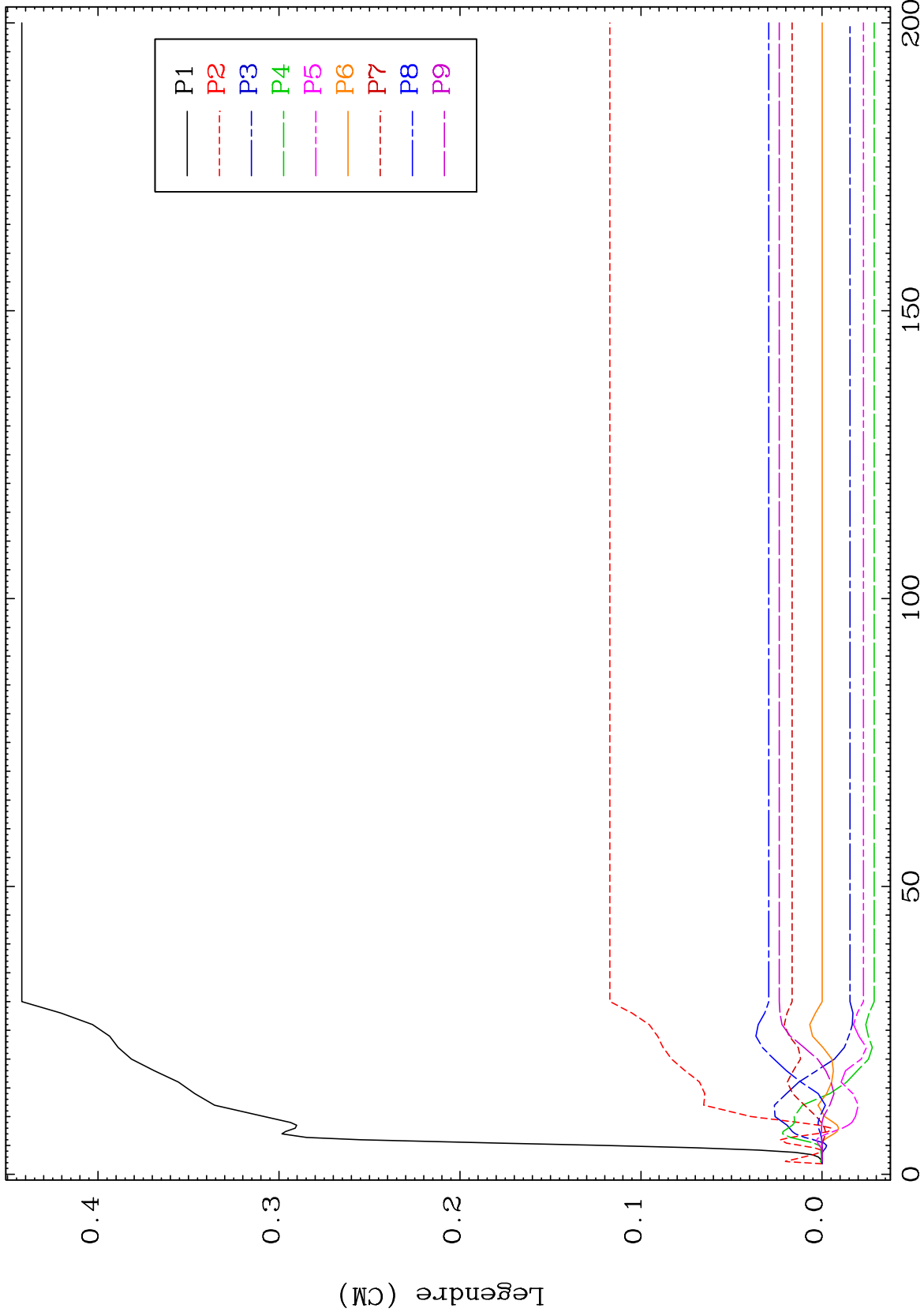
67-Ho-151



MAT 6683

MT= 71 (n,n') Level
Legendre Coefficients

67-Ho-151



99

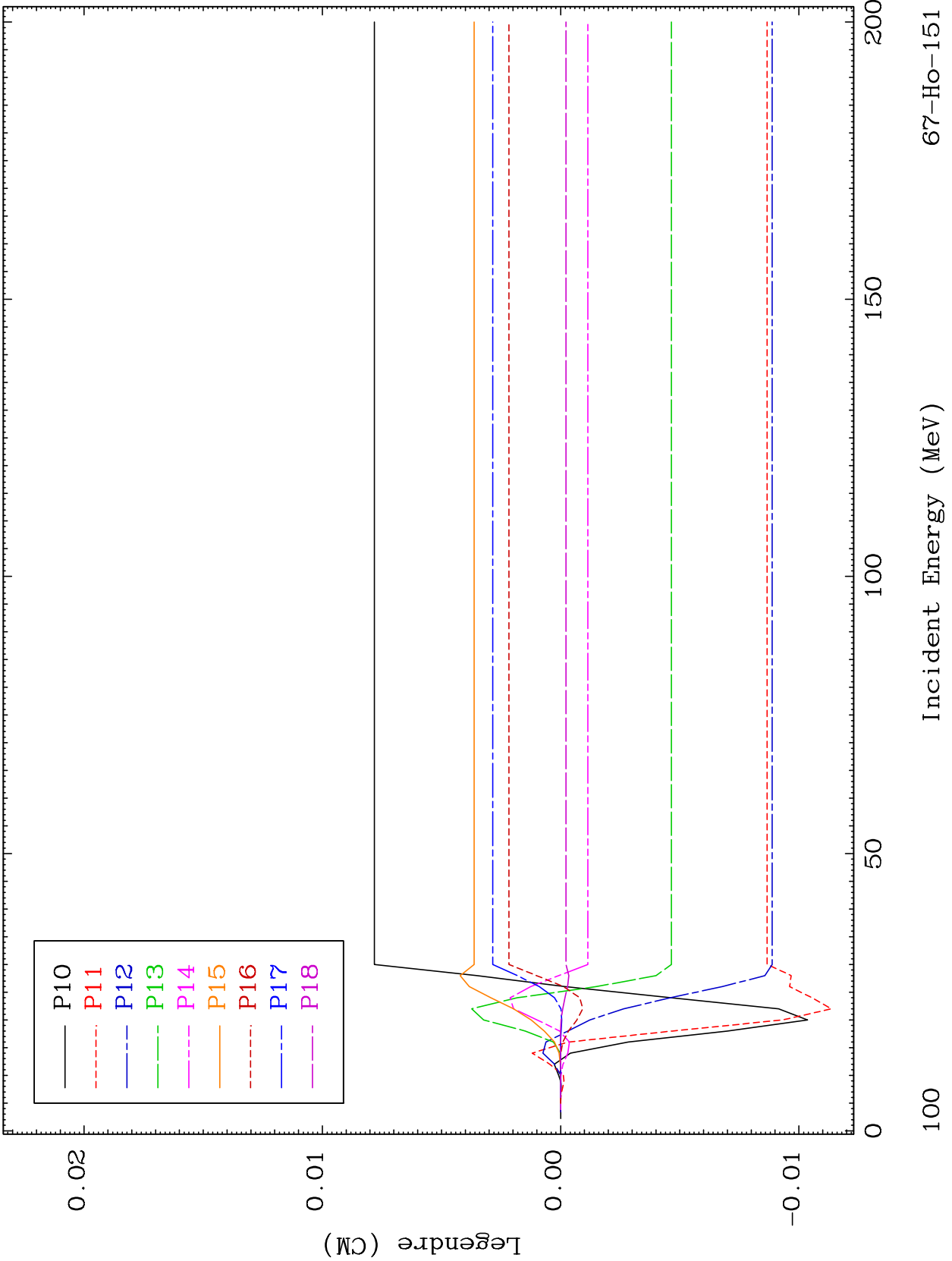
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 71 (n,n') Level
Legendre Coefficients

67-Ho-151



67-Ho-151

Incident Energy (MeV)

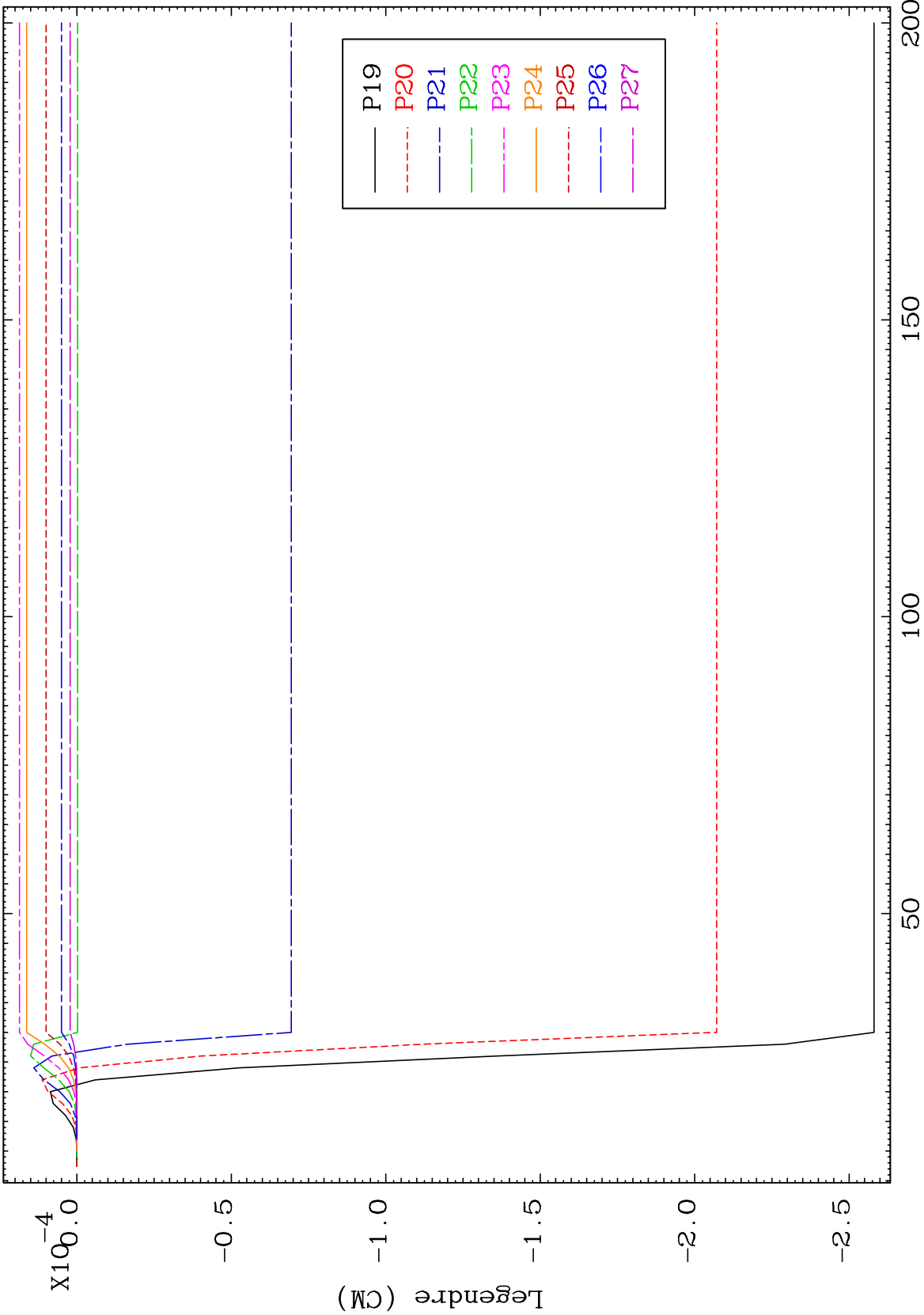
100

MAT 6683

MT= 71 (n,n') Level

67-Ho-151

Legendre Coefficients



101

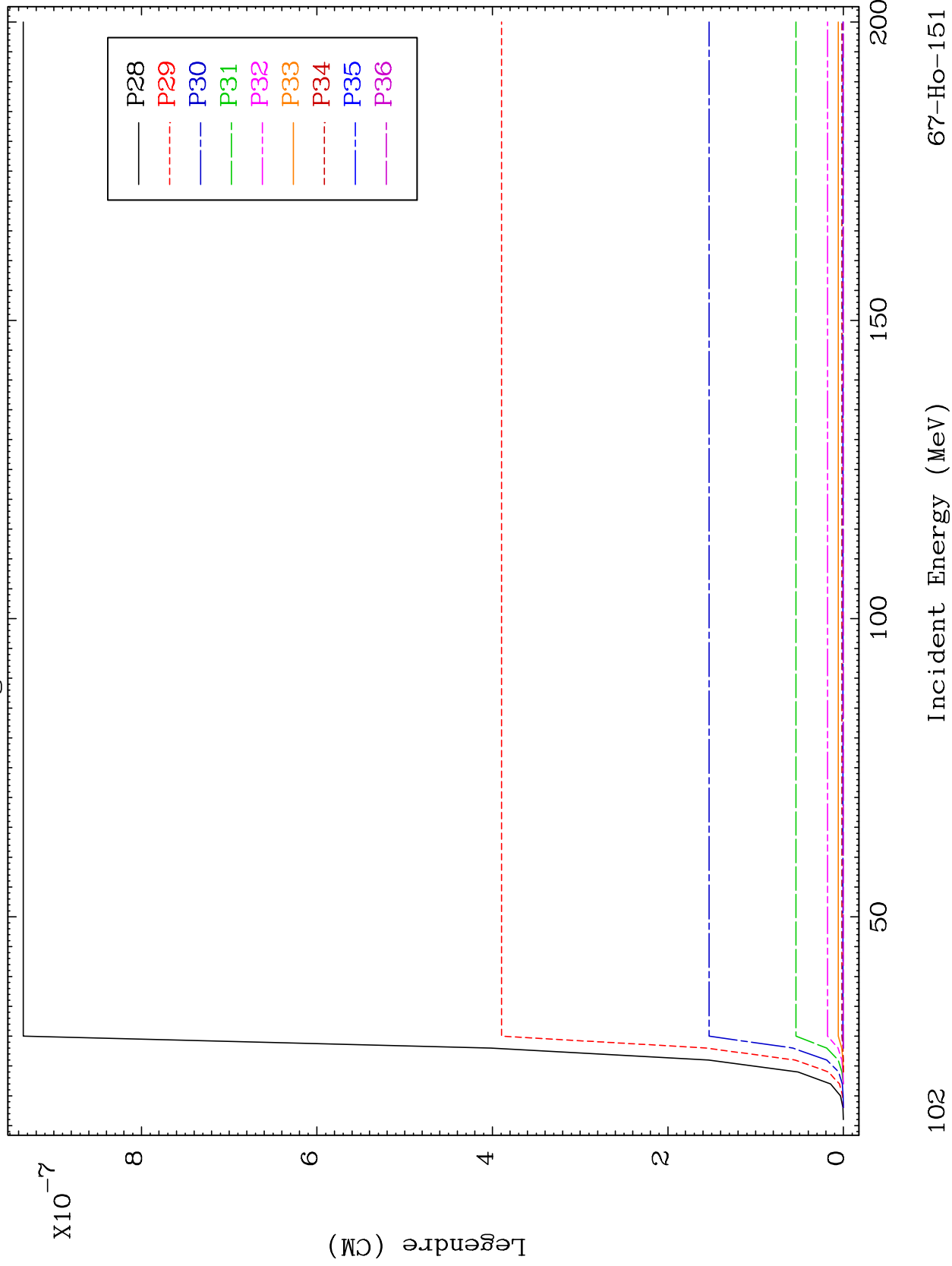
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 71 (n,n') Level
Legendre Coefficients

67-Ho-151



102

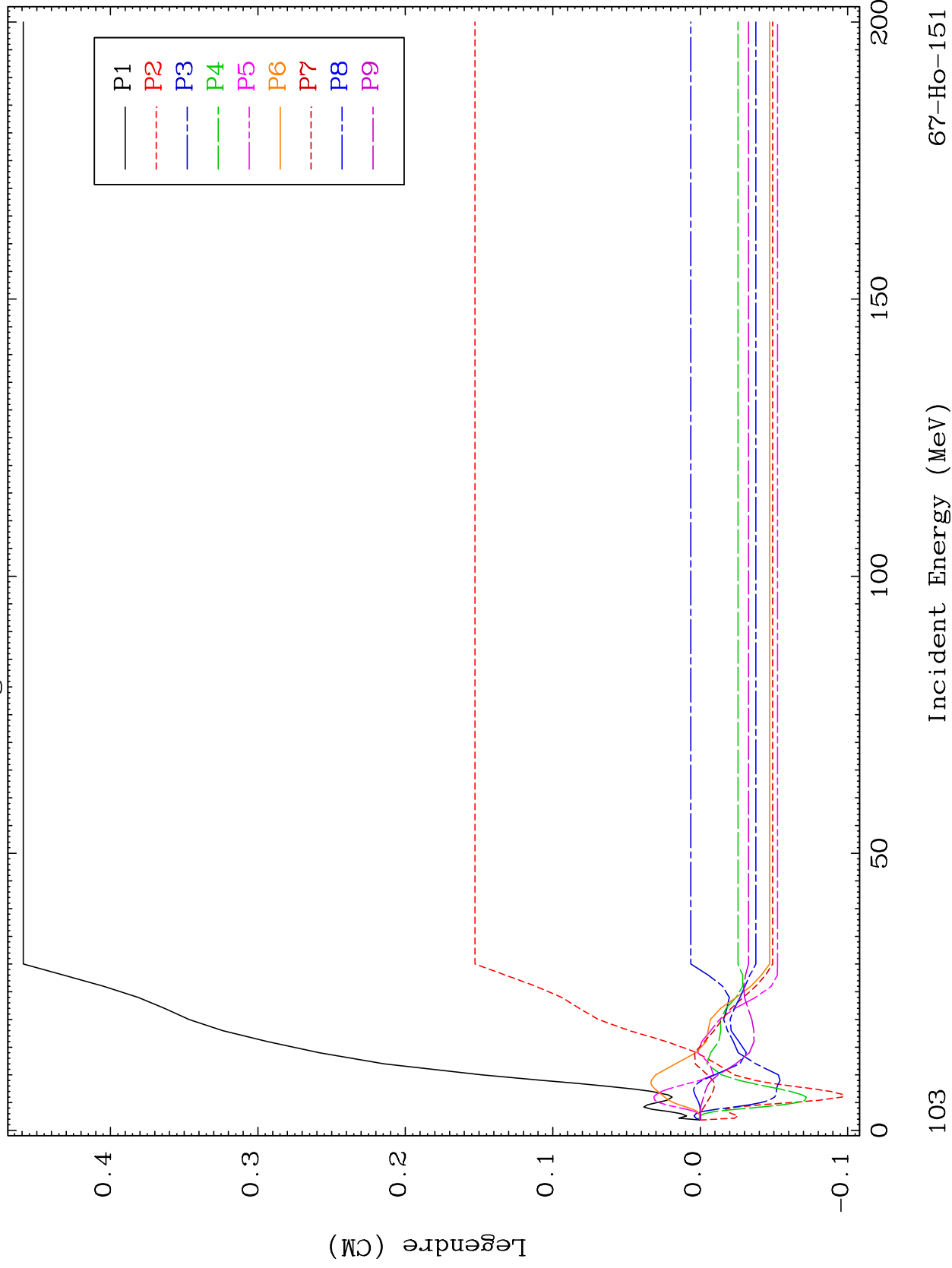
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 72 (n,n') Level
Legendre Coefficients

67-Ho-151



103

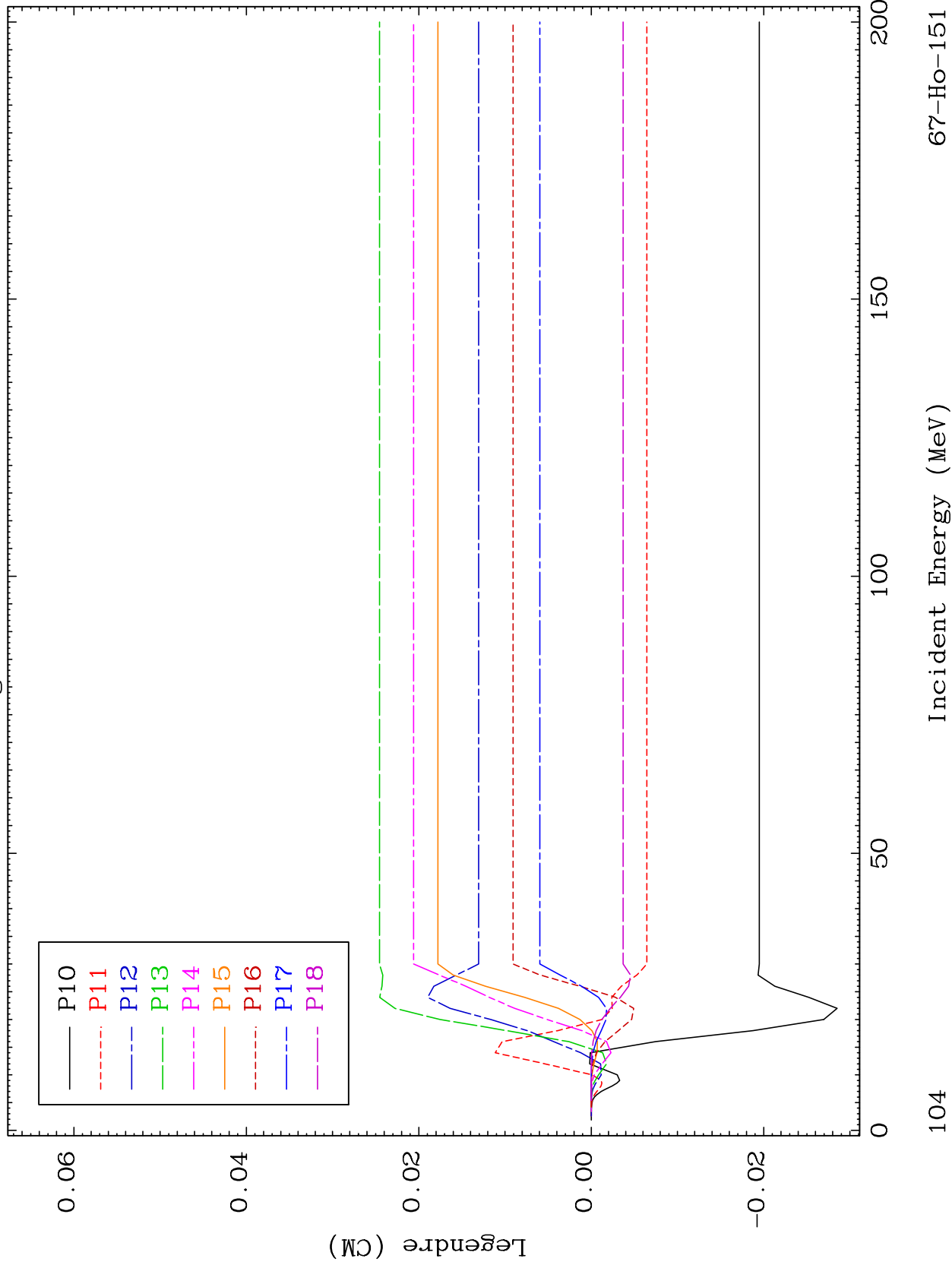
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 72 (n,n') Level
Legendre Coefficients

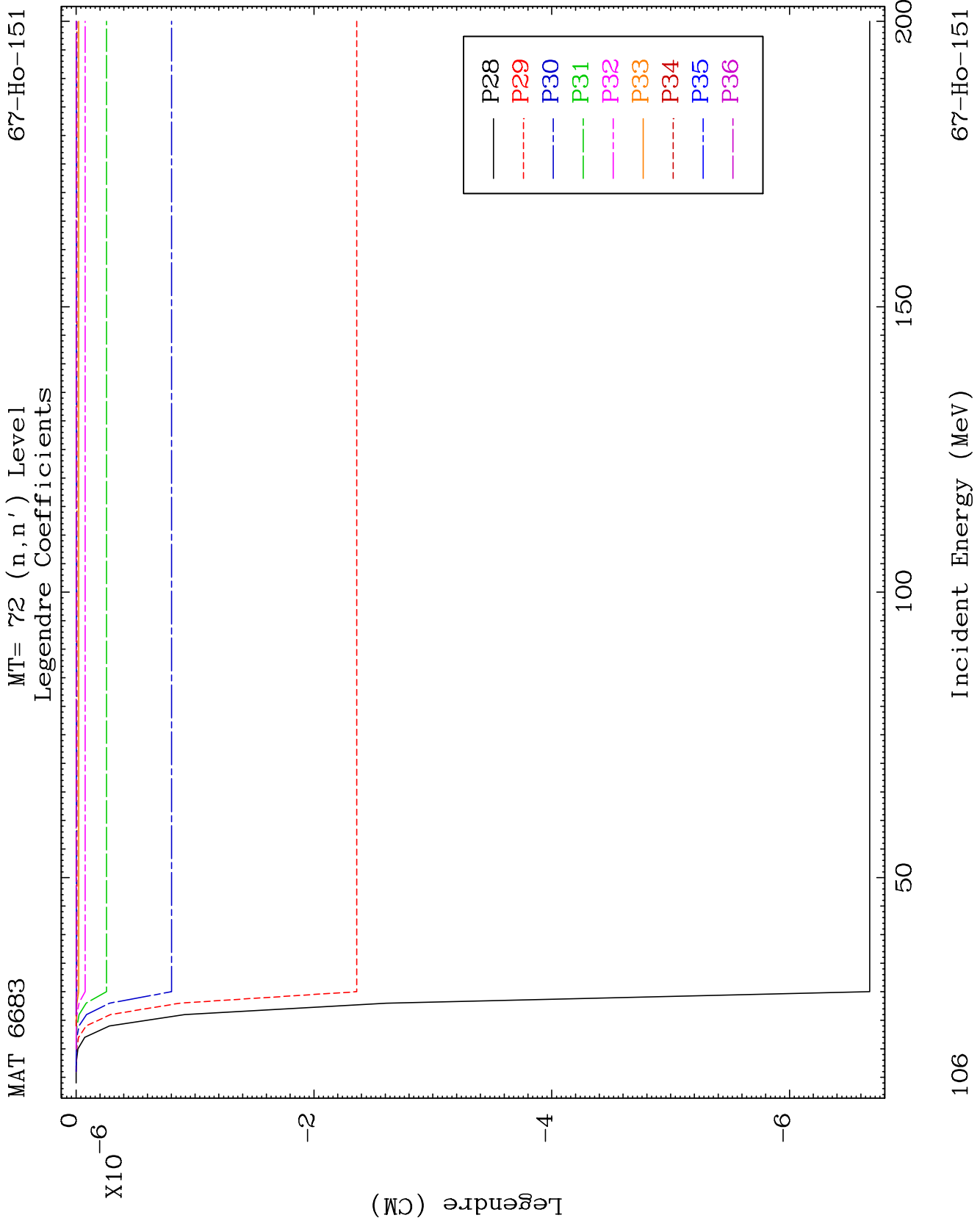
67-Ho-151



104

Incident Energy (MeV)

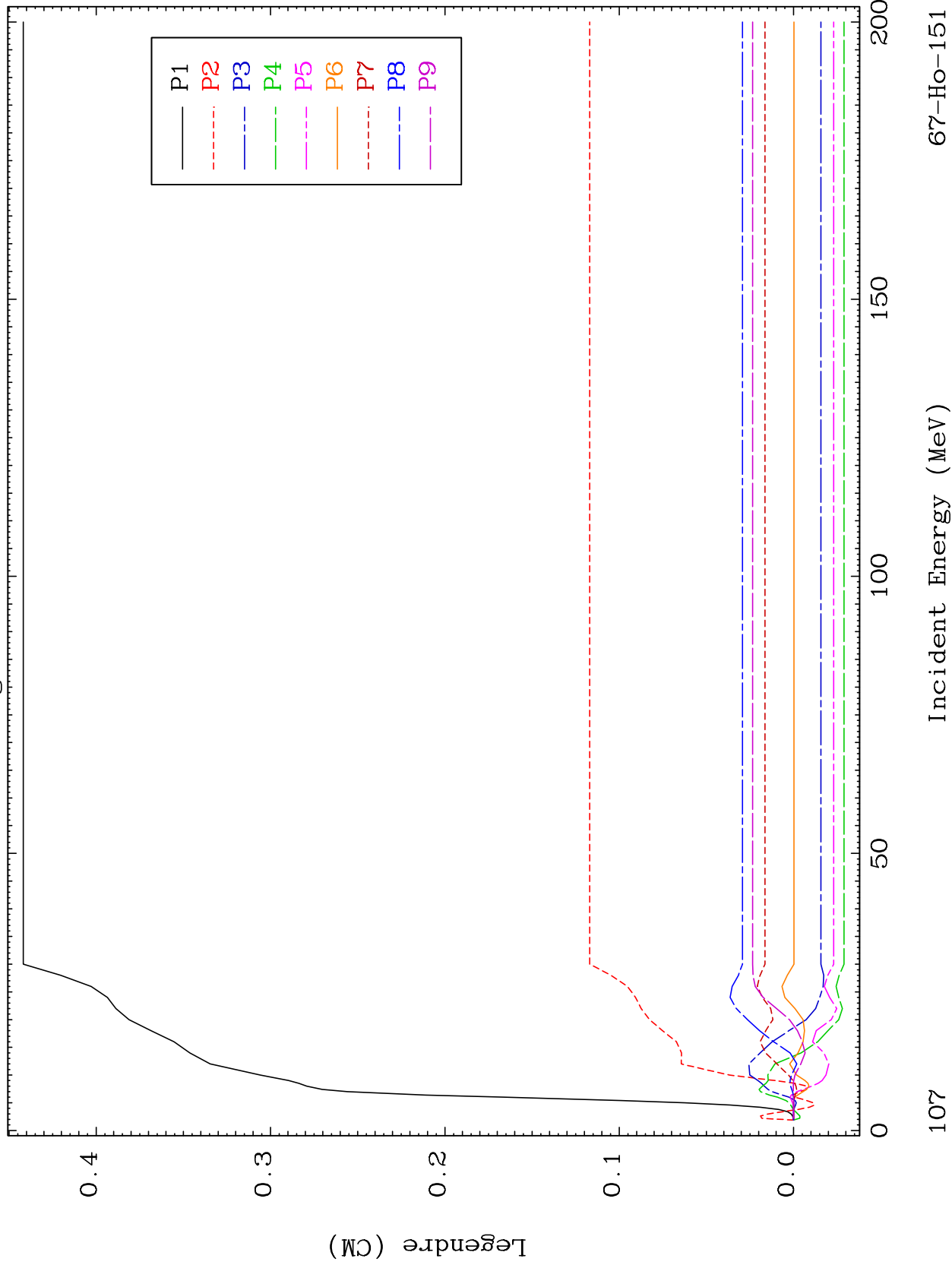
67-Ho-151



MAT 6683

MT= 73 (n,n') Level
Legendre Coefficients

67-Ho-151



67-Ho-151

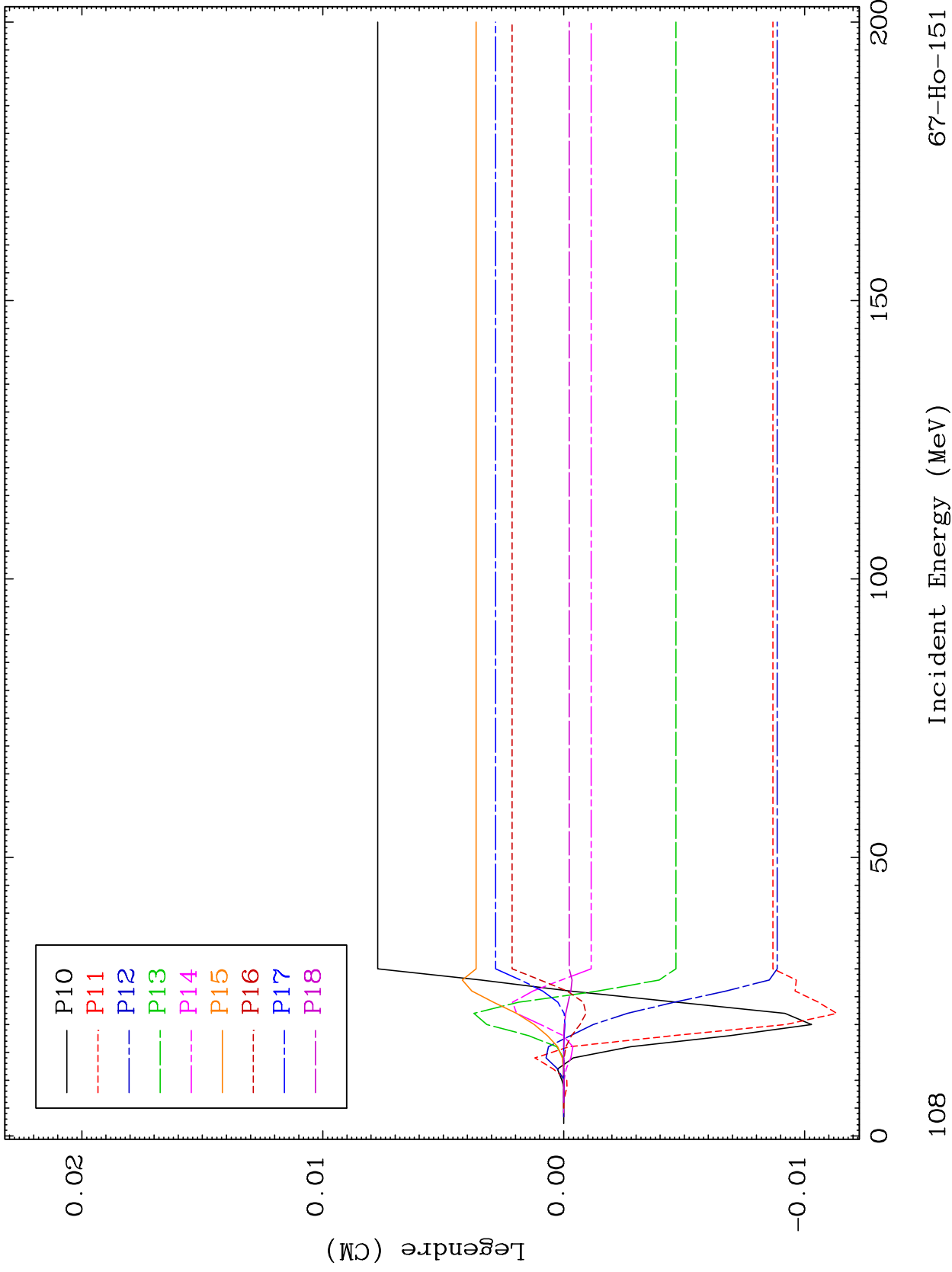
Incident Energy (MeV)

107

MAT 6683

MT= 73 (n,n') Level
Legendre Coefficients

67-Ho-151



67-Ho-151

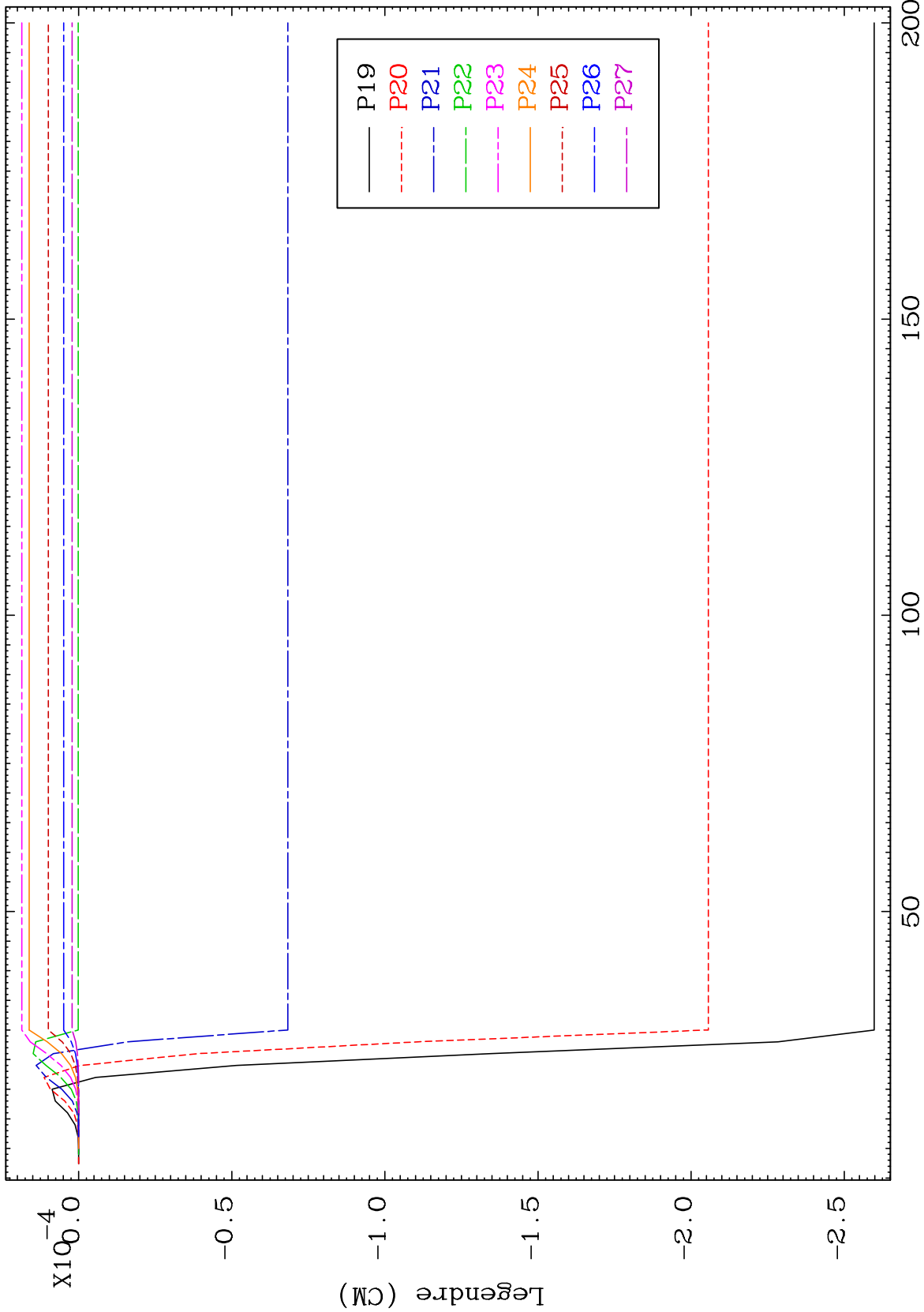
Incident Energy (MeV)

108

MAT 6683

MT= 73 (n,n') Level
Legendre Coefficients

67-Ho-151



109

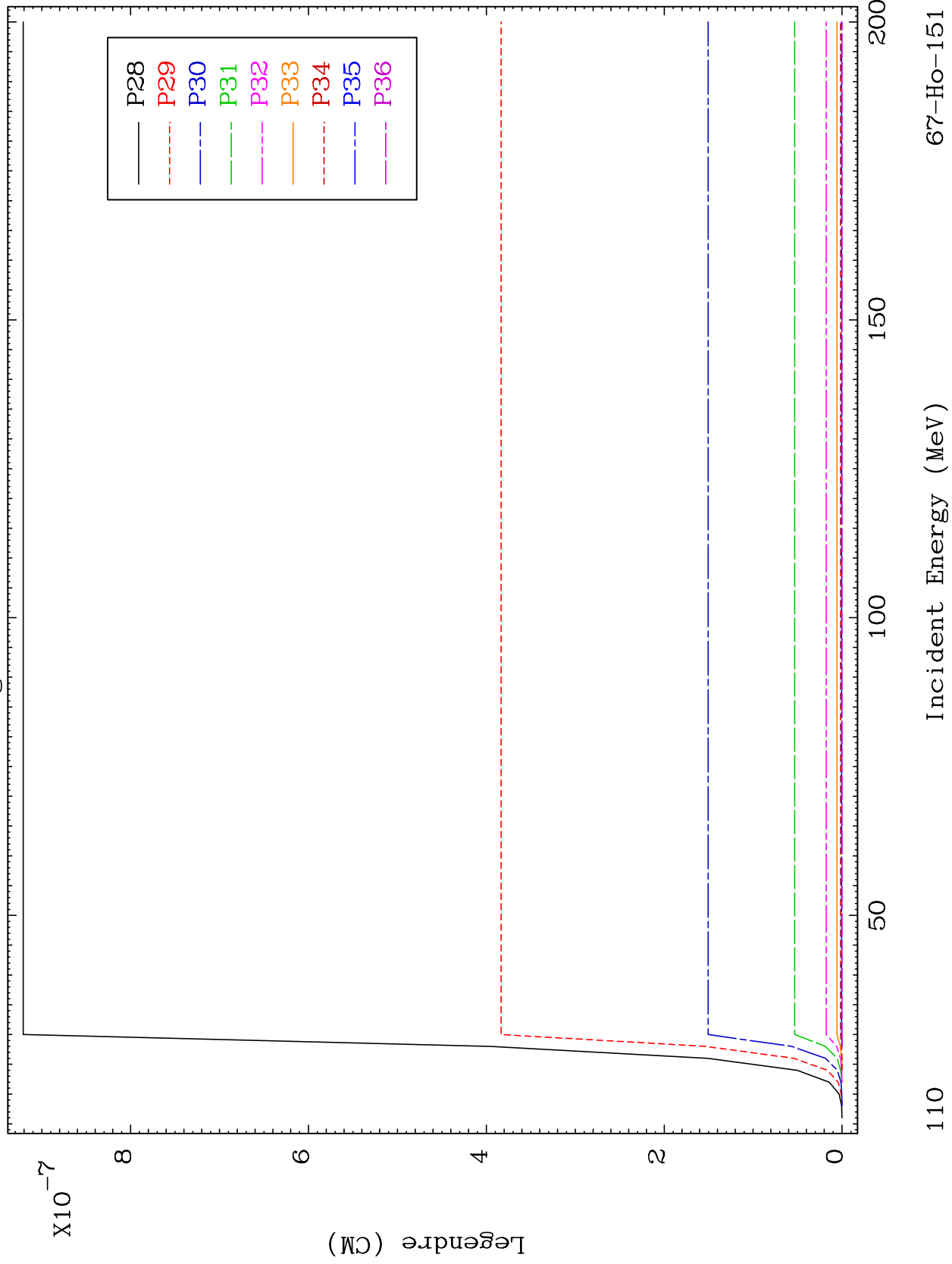
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 73 (n,n') Level
Legendre Coefficients

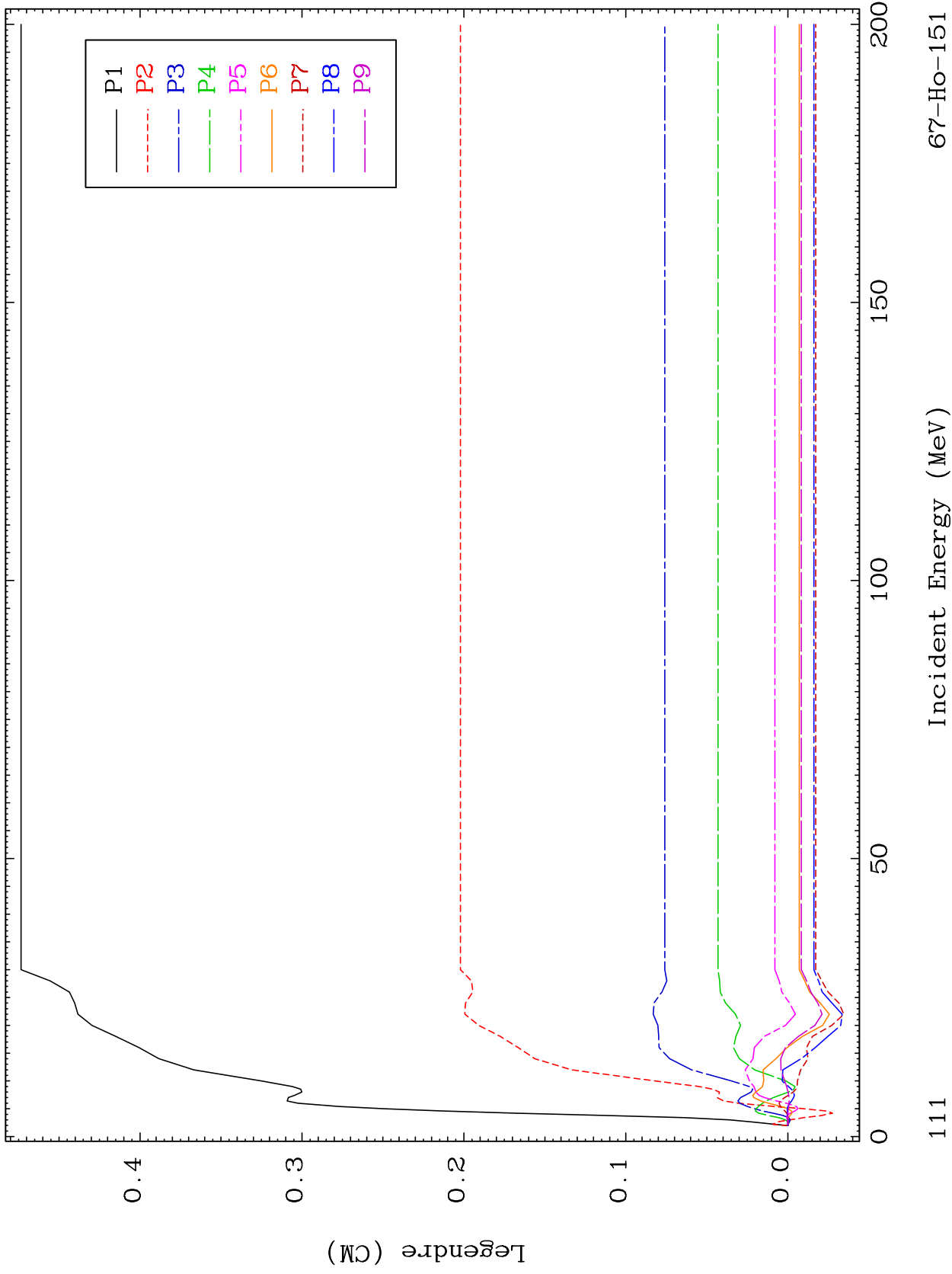
67-Ho-151



MAT 6683

MT= 74 (n,n') Level
Legendre Coefficients

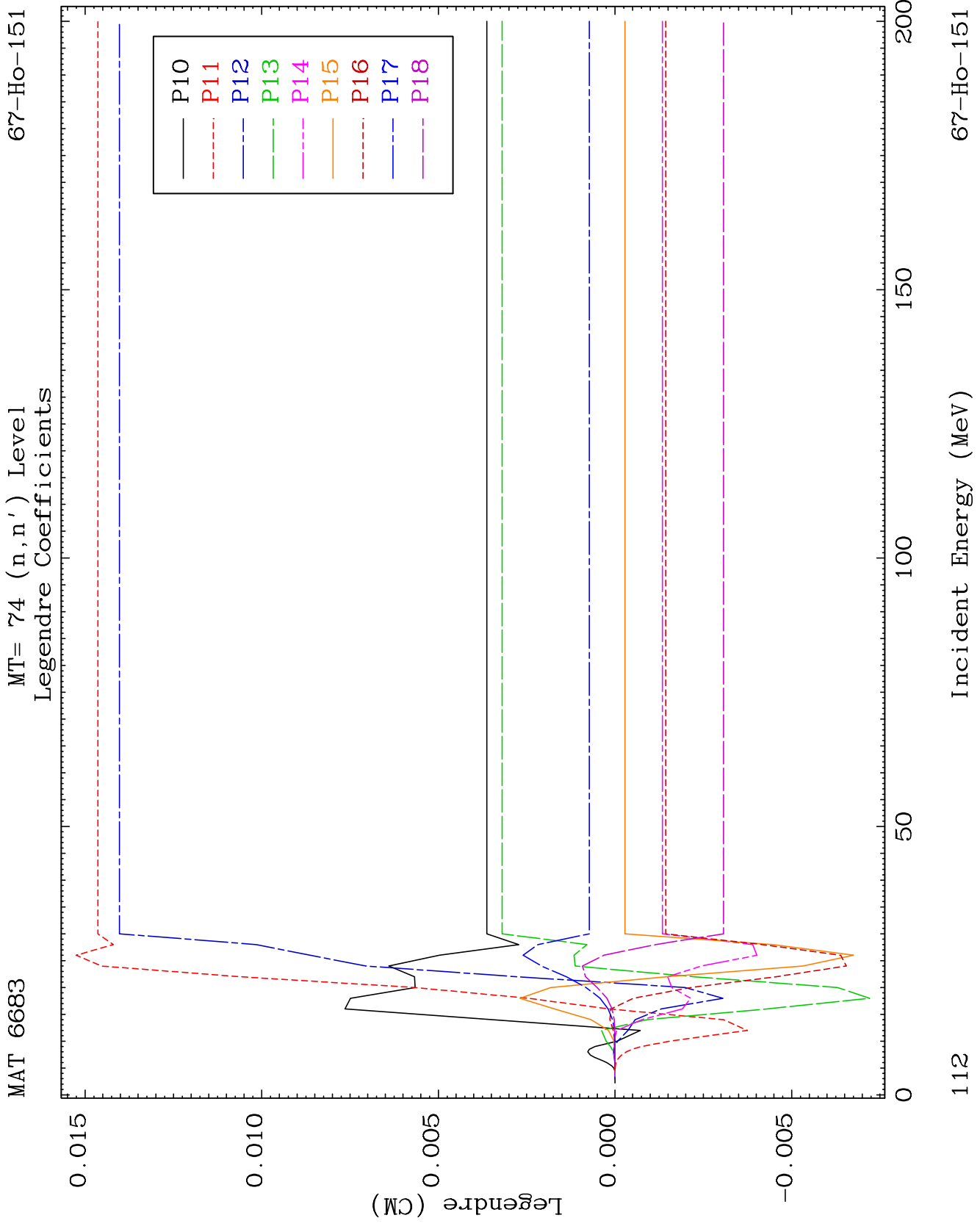
67-Ho-151



111

Incident Energy (MeV)

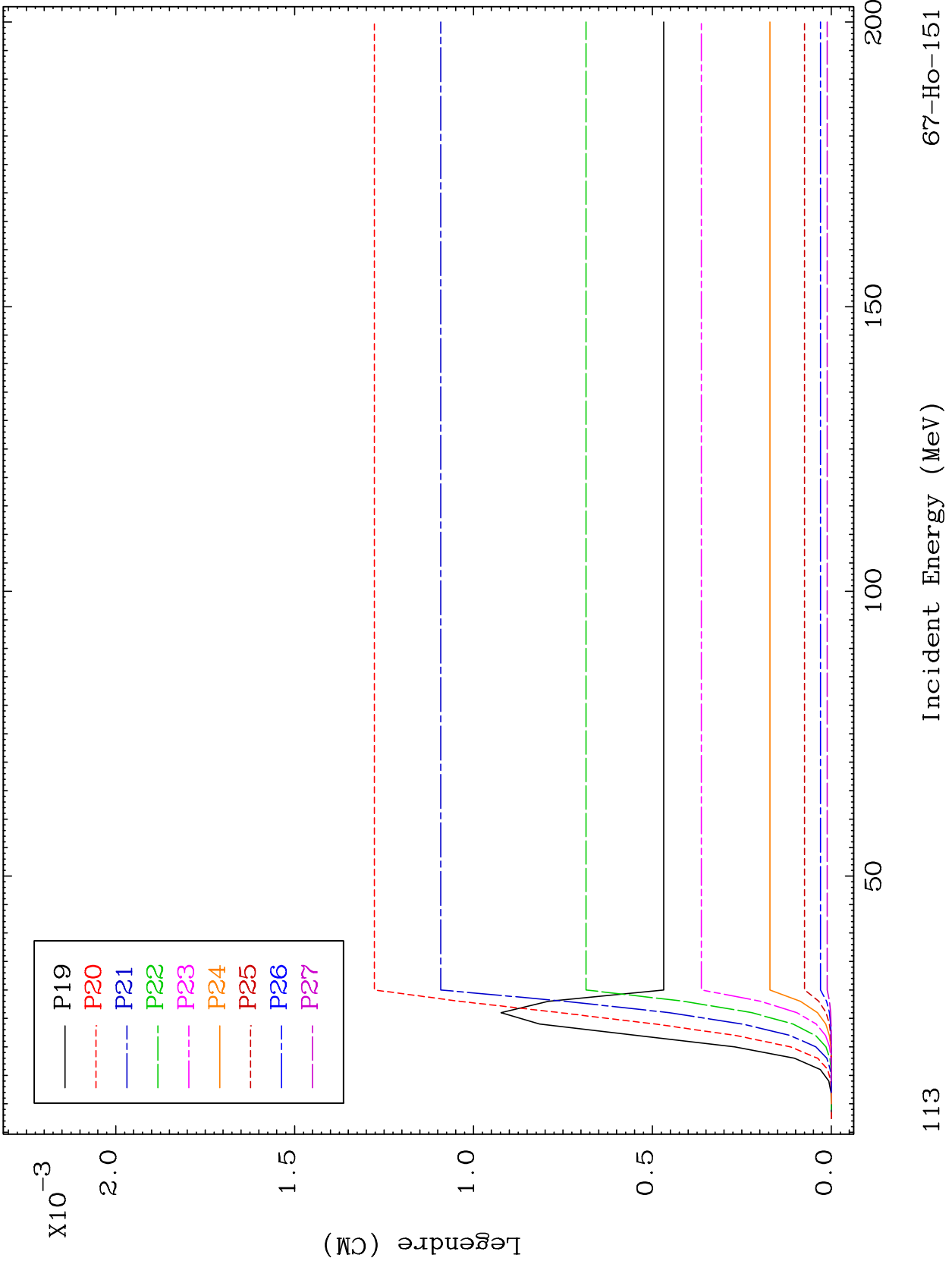
67-Ho-151



MAT 6683

MT= 74 (n,n') Level
Legendre Coefficients

67-Ho-151



113

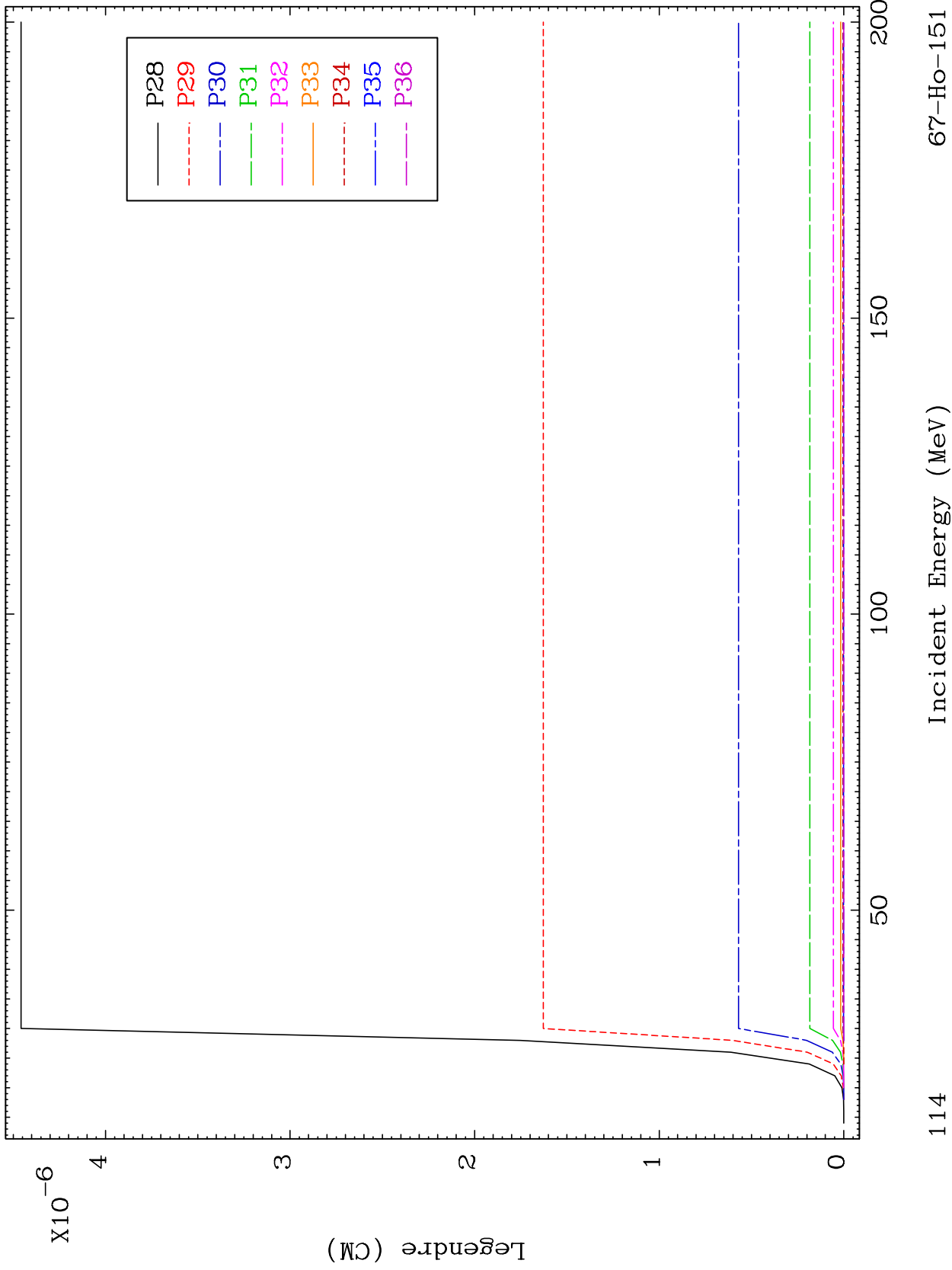
Incident Energy (MeV)

67-Ho-151

MAT 6683

MT= 74 (n,n') Level
Legendre Coefficients

67-Ho-151



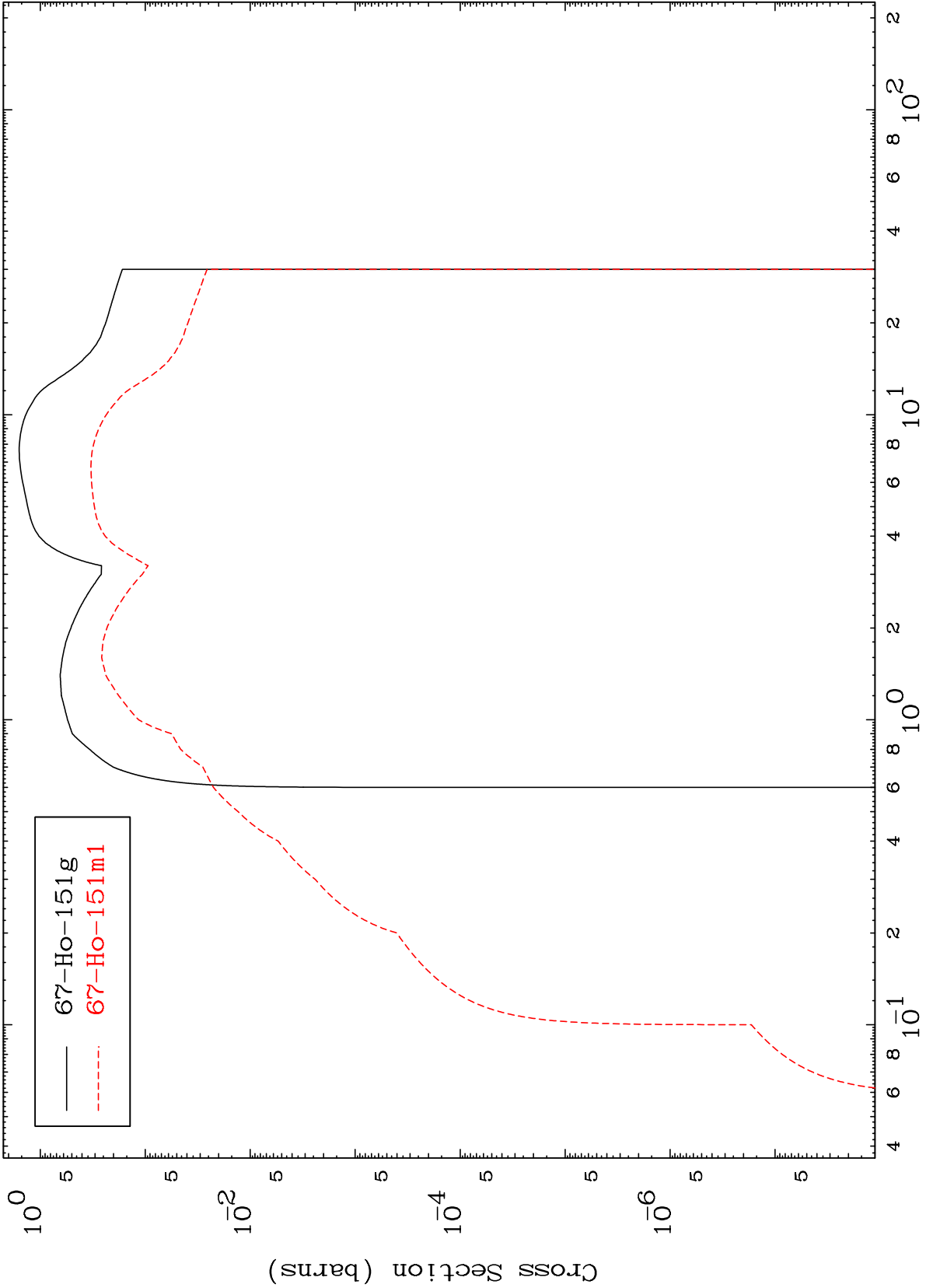
114

67-Ho-151

MAT 6683

67-Ho-151

Inelastic
Radionuclide Production Cross Section



67-Ho-151g
67-Ho-151m1

67-Ho-151

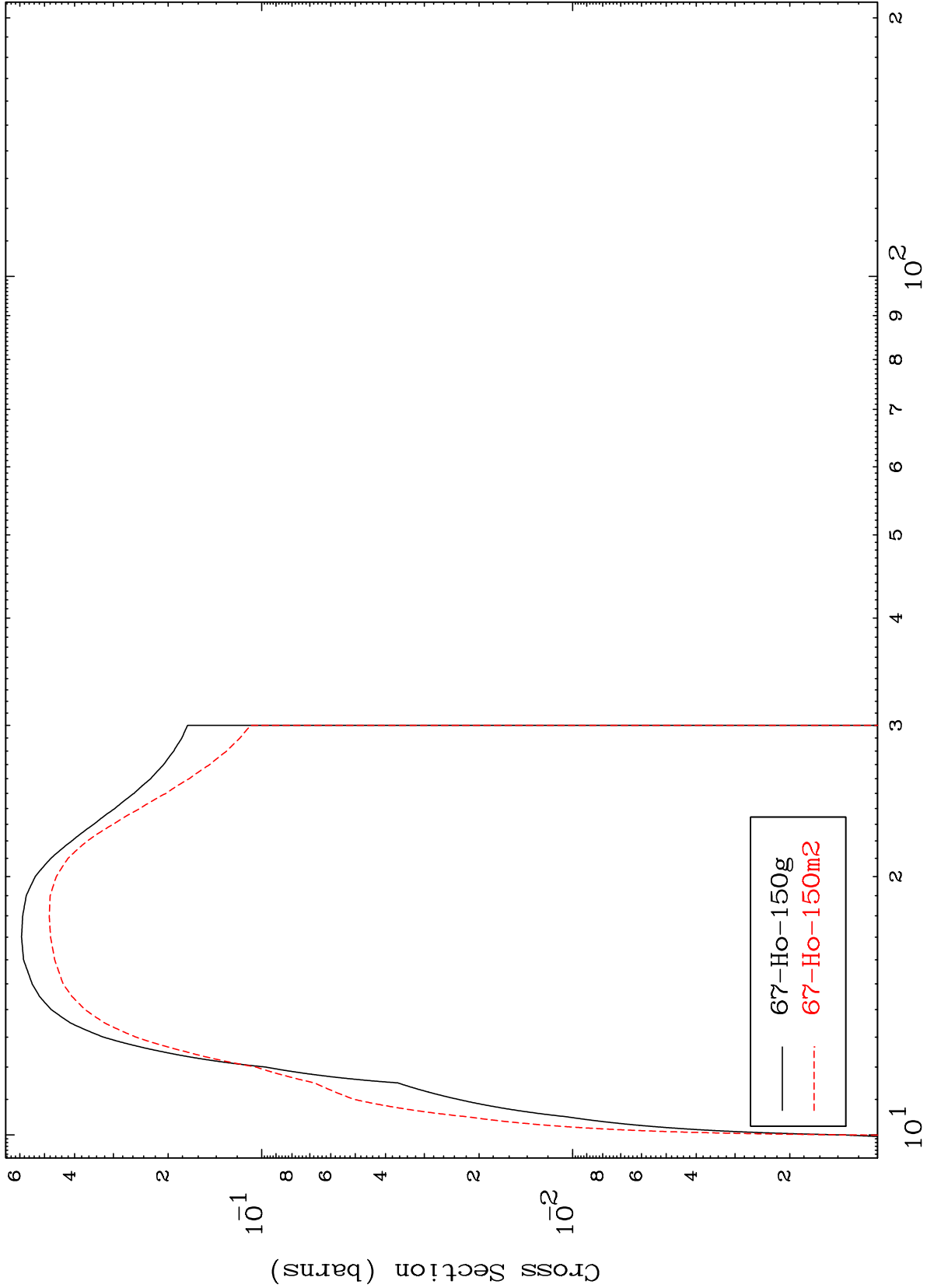
Incident Energy (MeV)

115

MAT 6683

⁶⁷Ho-151

(n,2n)
Radionuclide Production Cross Section



⁶⁷Ho-151

Incident Energy (MeV)

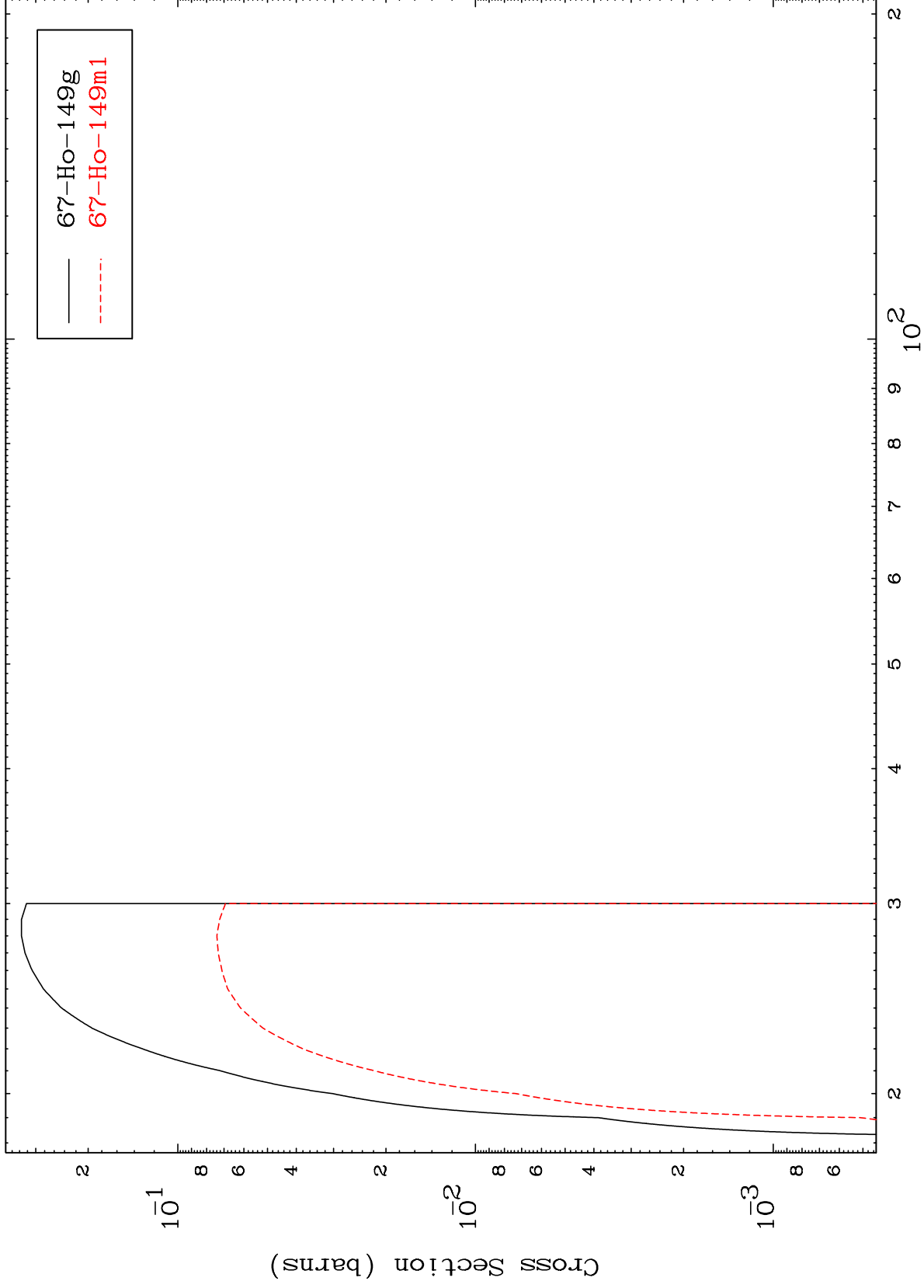
116

MAT 6683

(n,3n)

67-Ho-151

Radionuclide Production Cross Section



117

Incident Energy (MeV)

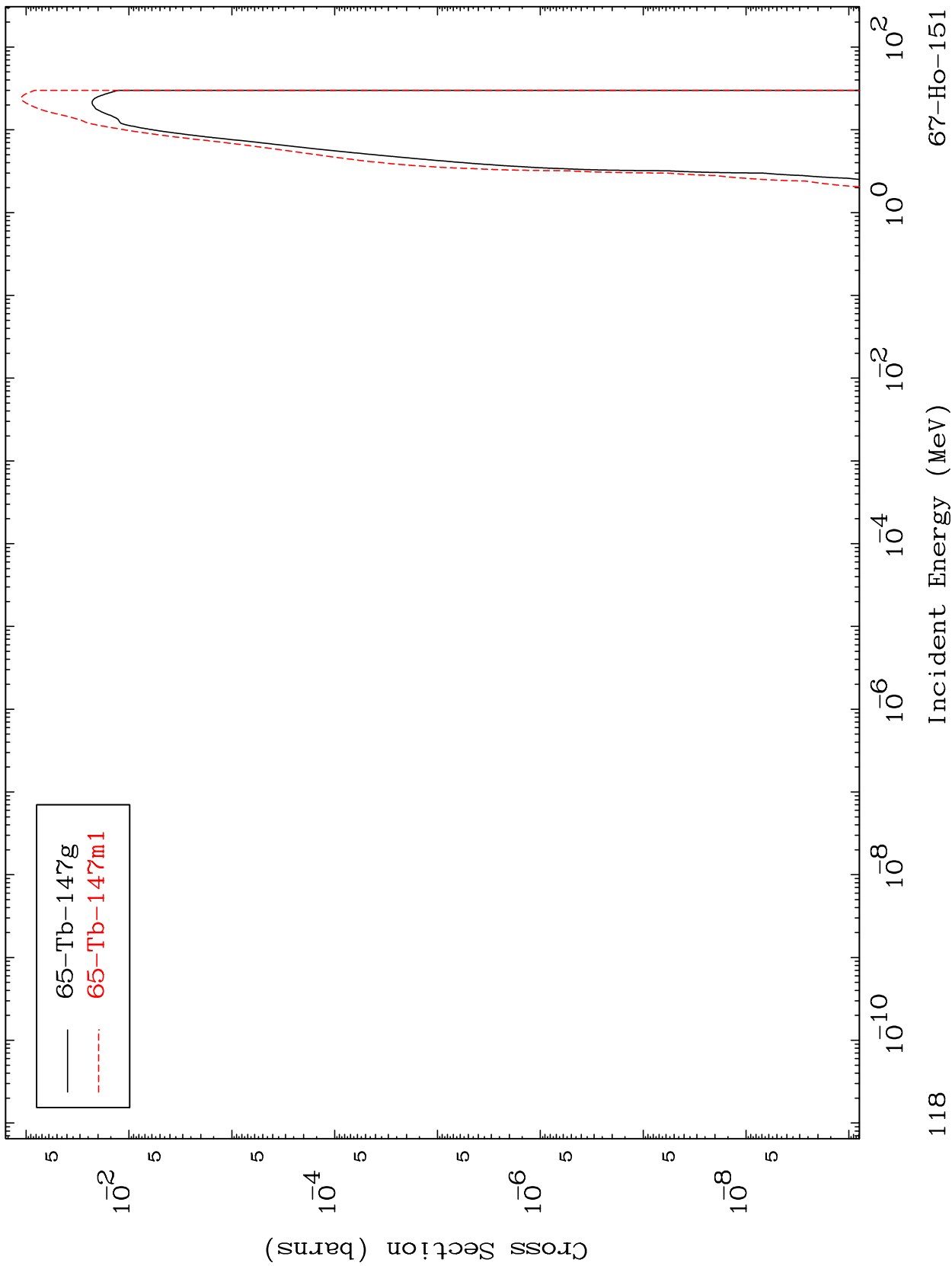
67-Ho-151

MAT 6683

$(n, n') \alpha$

67-Ho-151

Radionuclide Production Cross Section



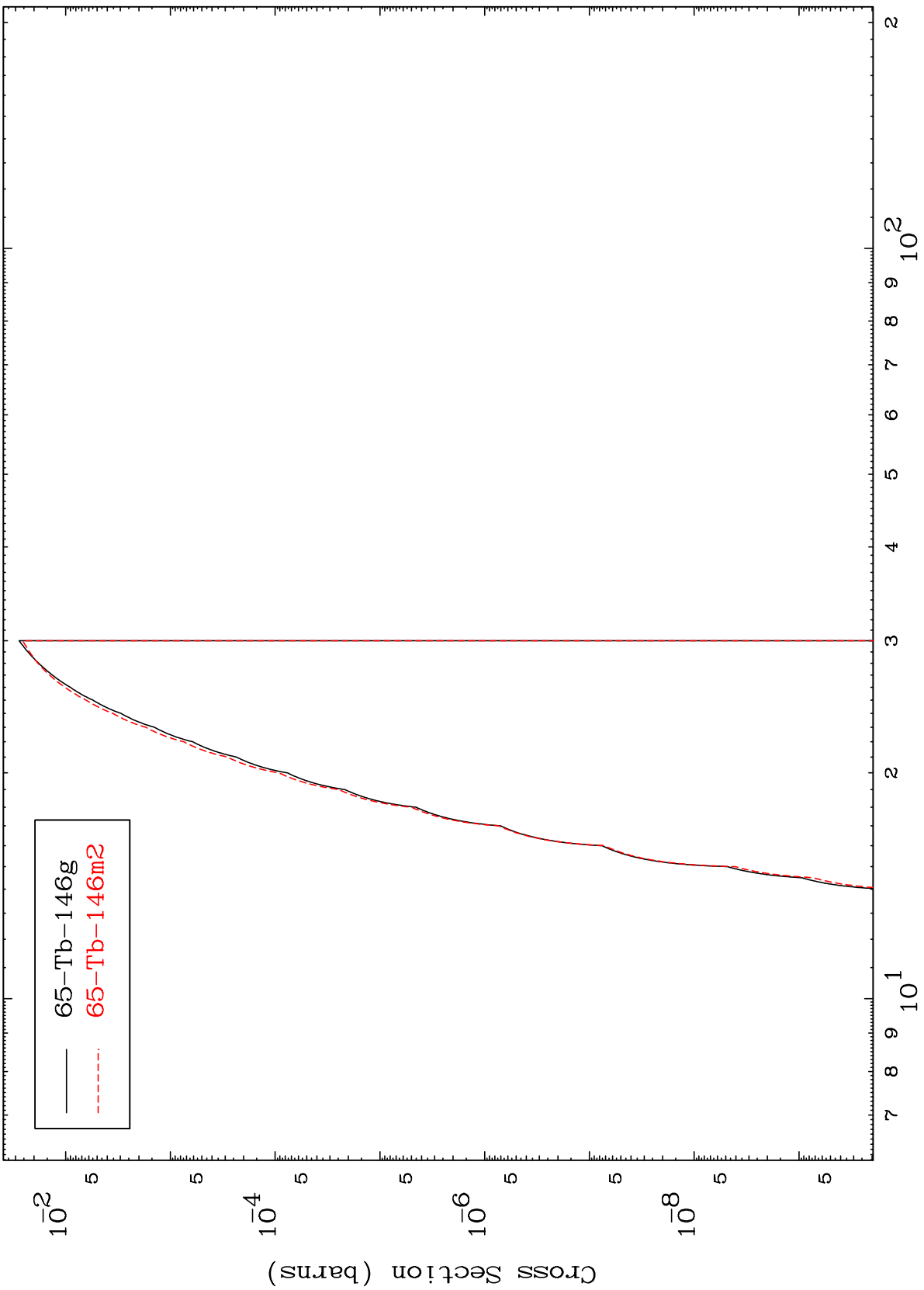
65-Tb-147g
65-Tb-147m1

MAT 6683

$(n,2n) \alpha$

67-Ho-151

Radionuclide Production Cross Section



Legend:
— 65-Tb-146g
- - - 65-Tb-146m2

119

Incident Energy (MeV)

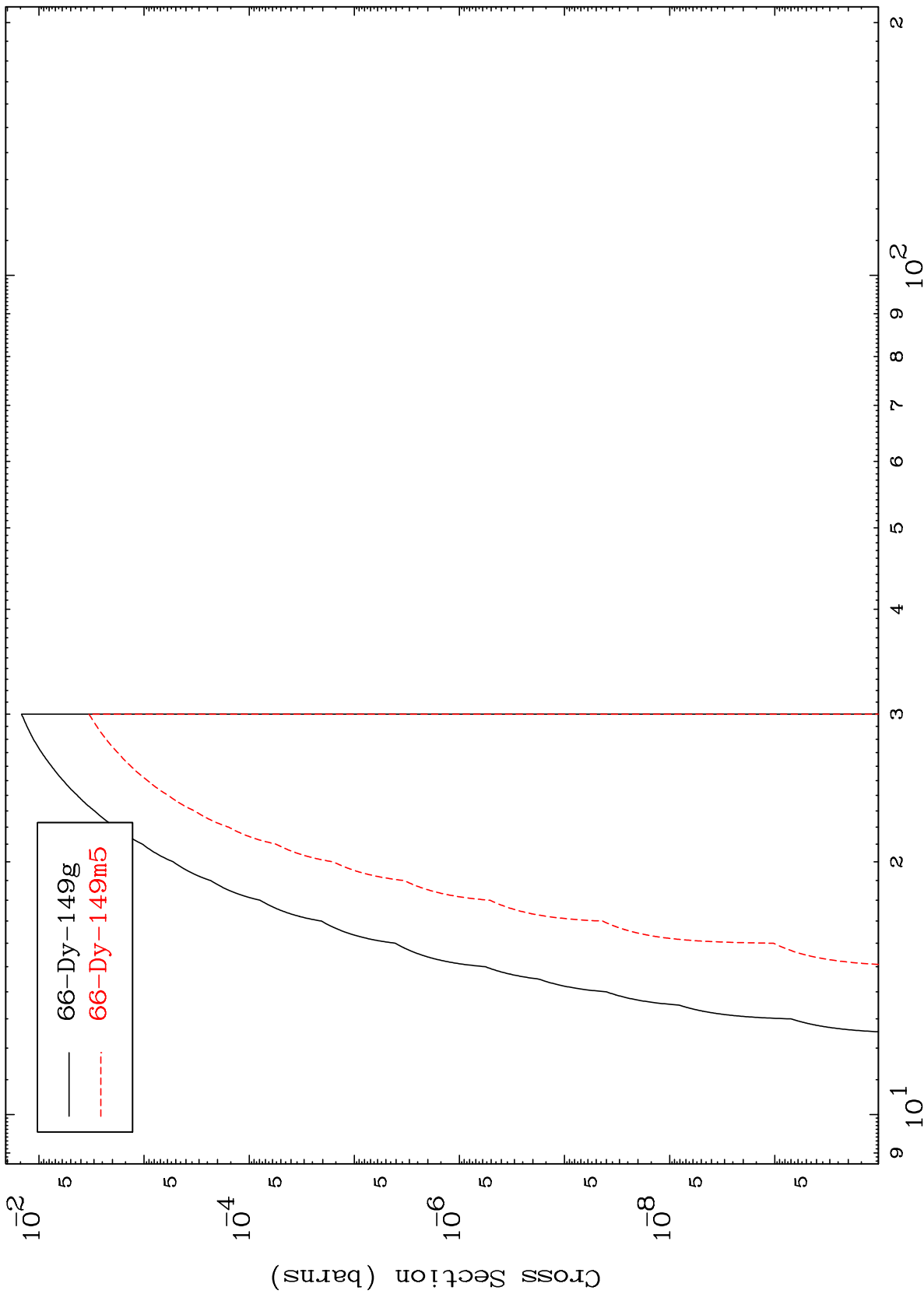
67-Ho-151

MAT 6683

(n,n') d

67-Ho-151

Radionuclide Production Cross Section



66-Dy-149g
66-Dy-149m5

67-Ho-151

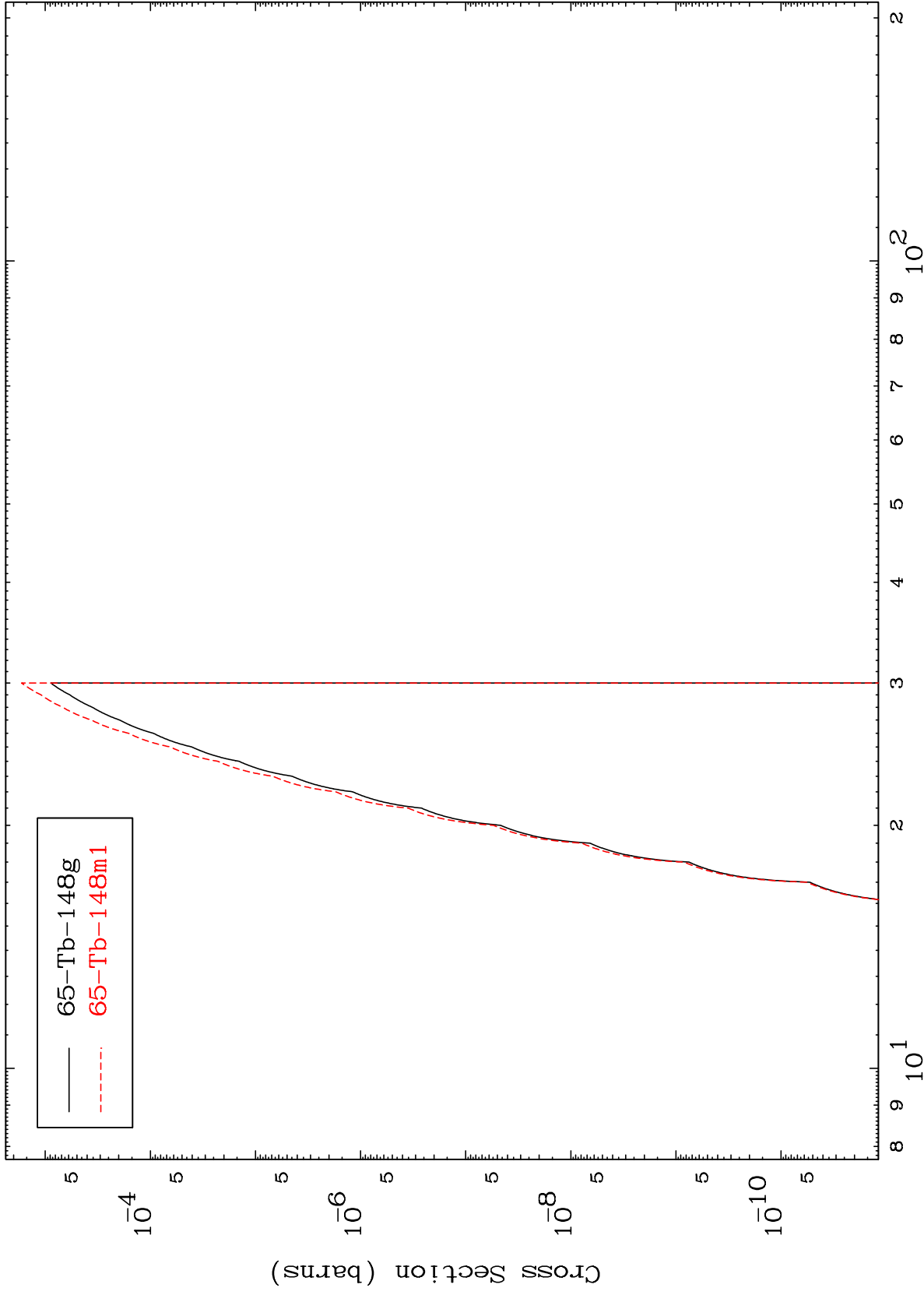
67-Ho-151

MAT 6683

(n,n') He-3

67-Ho-151

Radionuclide Production Cross Section

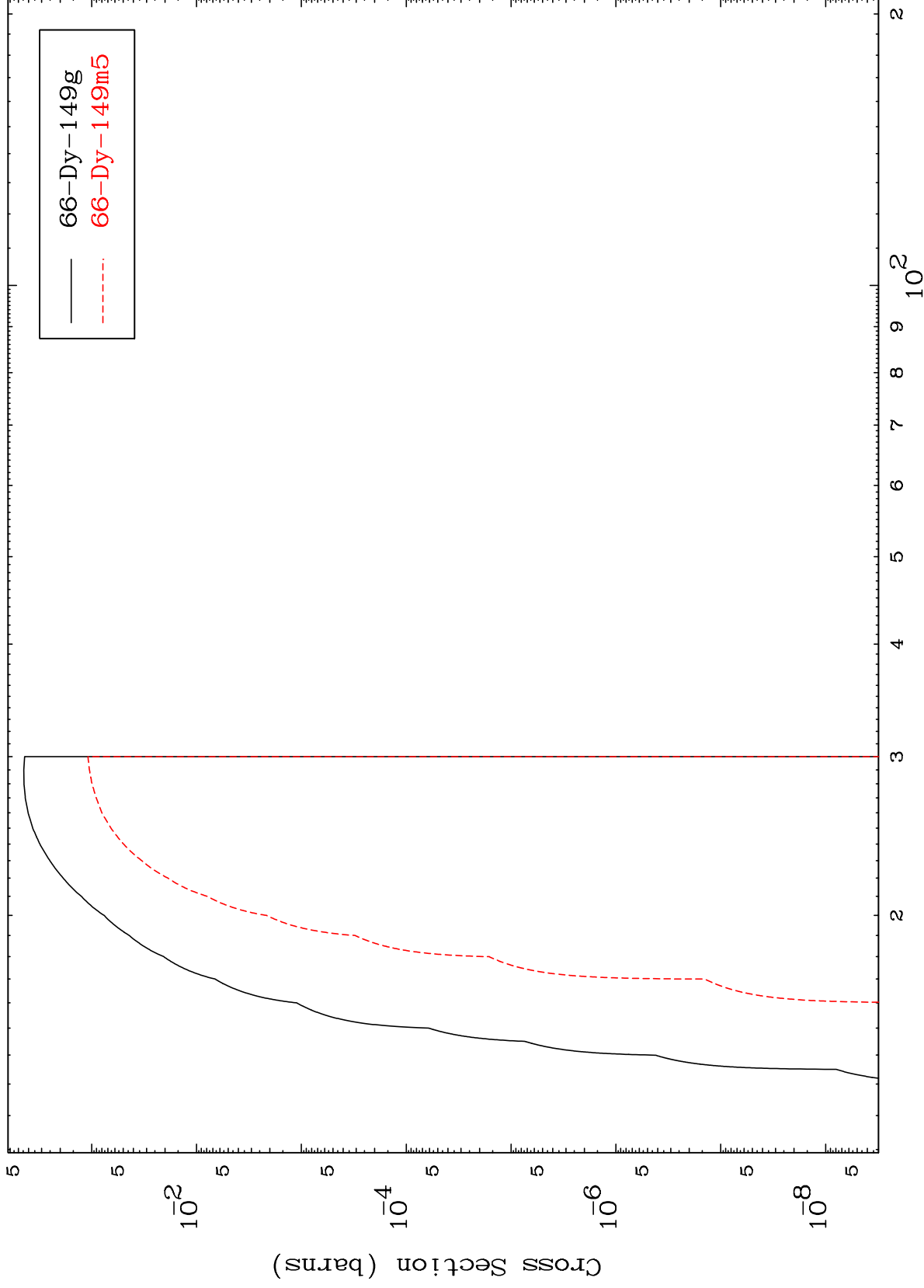


121

Incident Energy (MeV)

67-Ho-151

Radionuclide Production Cross Section



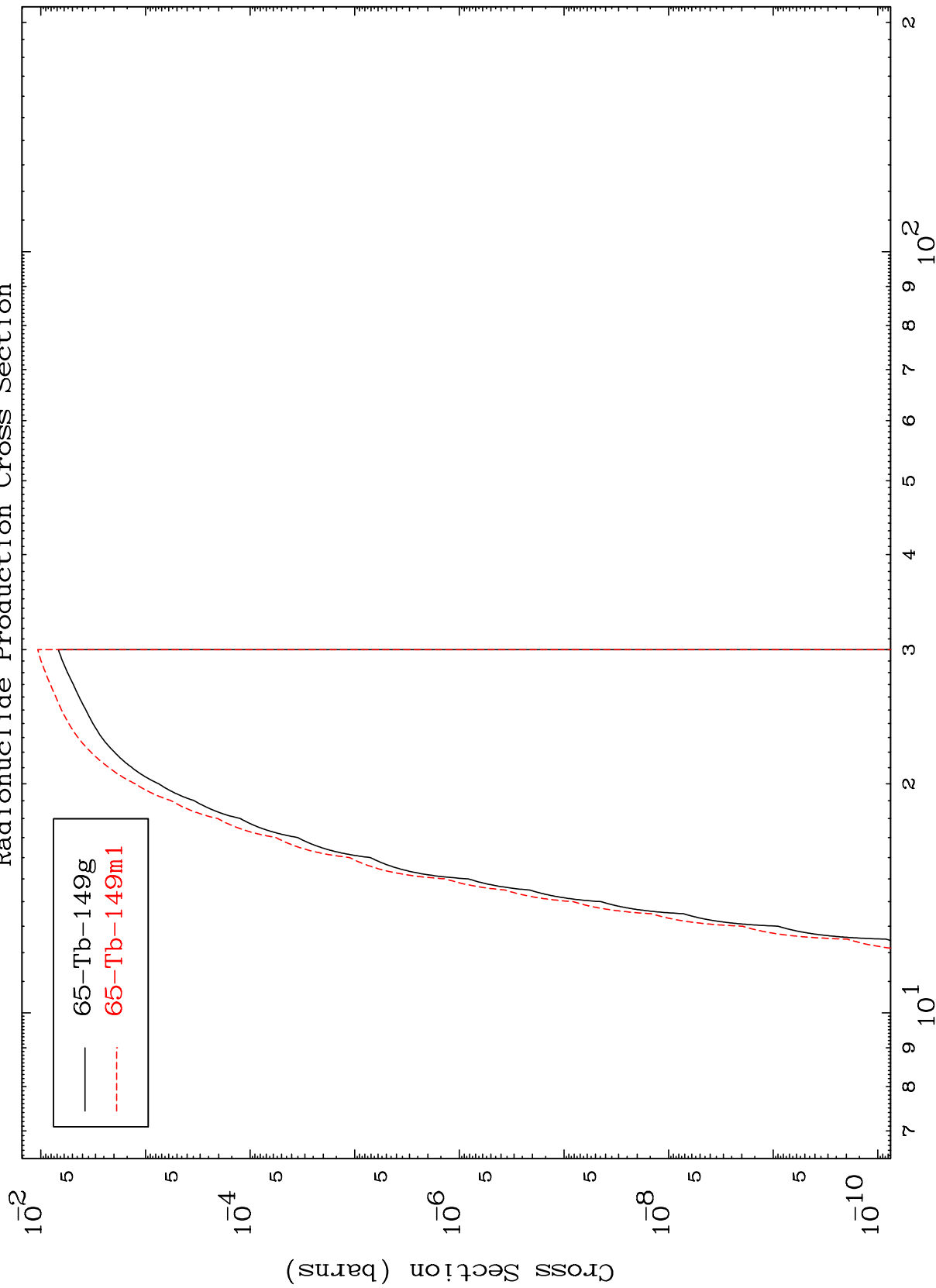
66-Dy-149g
66-Dy-149m5

MAT 6683

(n,2n) p

67-Ho-151

Radionuclide Production Cross Section



123

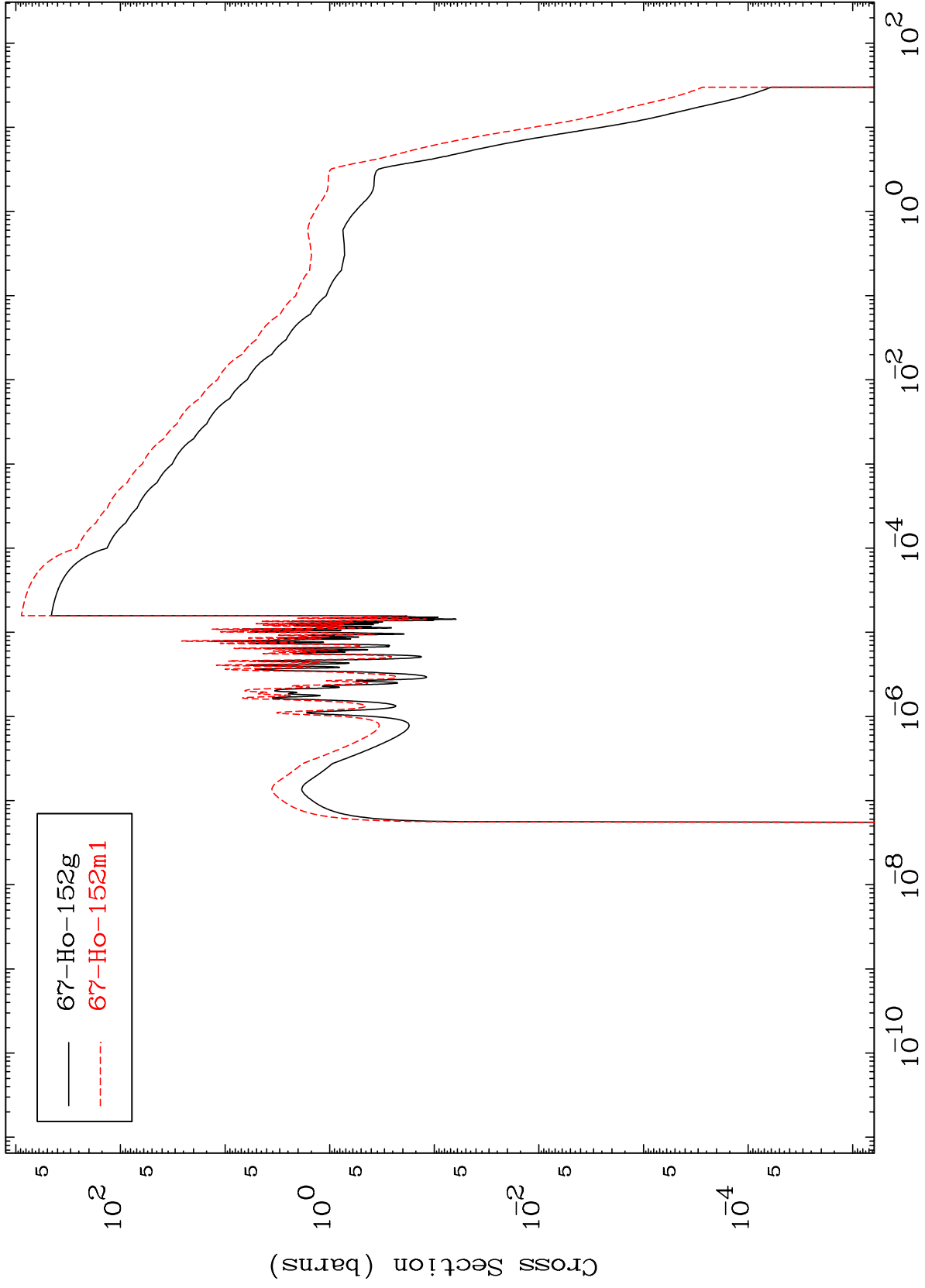
Incident Energy (MeV)

67-Ho-151

MAT 6683

⁶⁷Ho-151

Radionuclide Production Cross Section (n,γ)

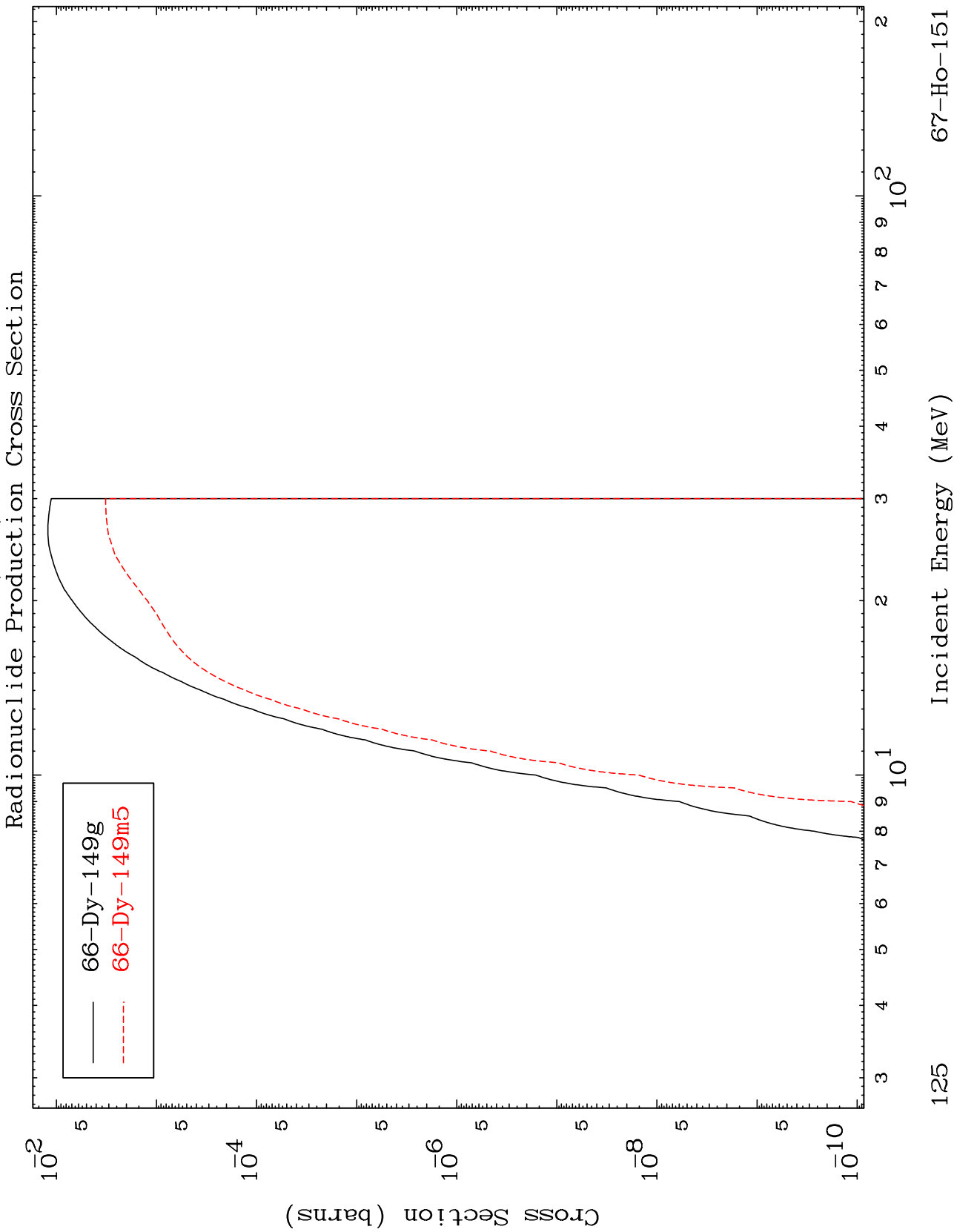


124

⁶⁷Ho-151

MAT 6683

67-Ho-151



125

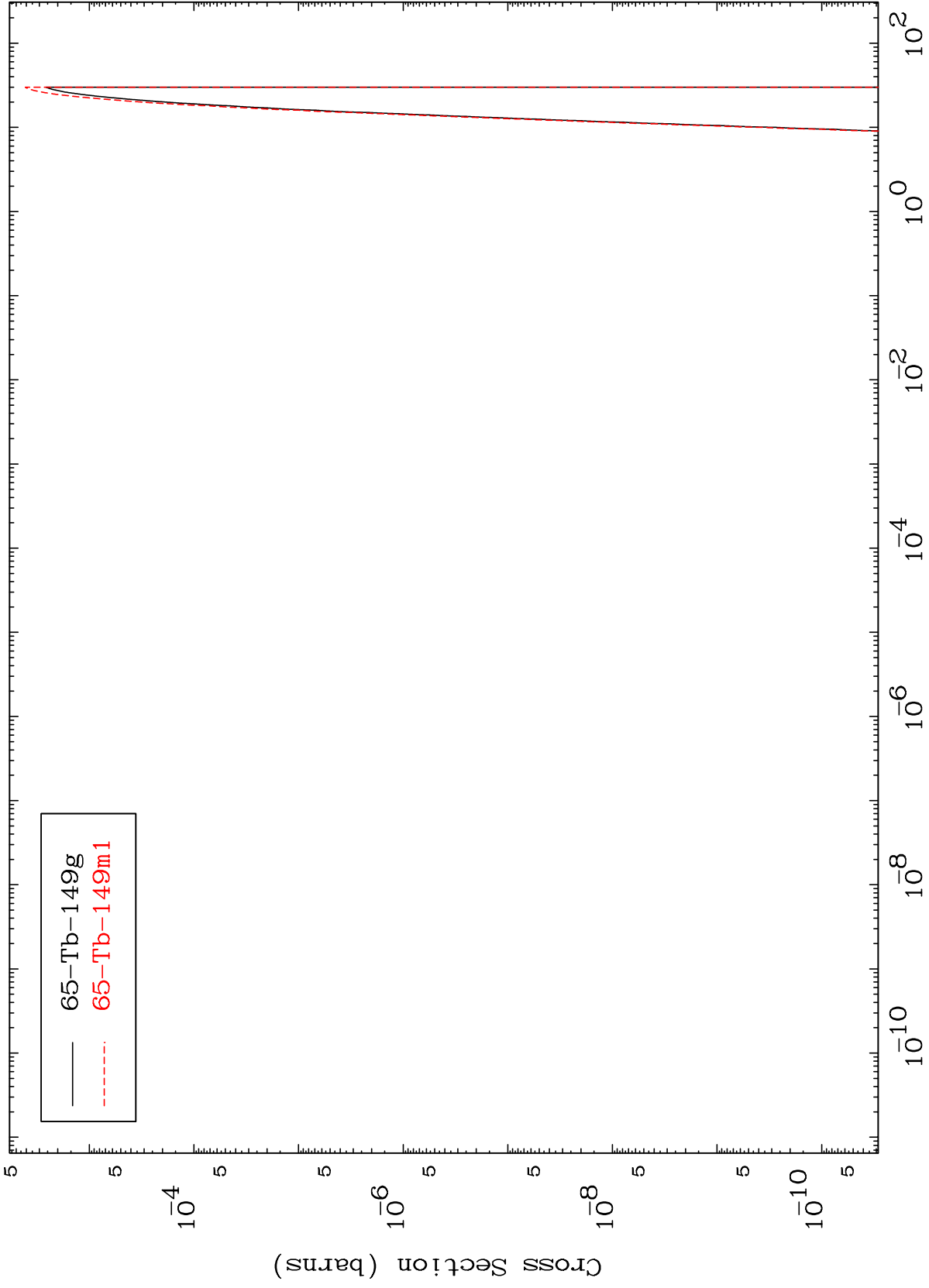
67-Ho-151

MAT 6683

(n,He-3)

67-Ho-151

Radionuclide Production Cross Section



65-Tb-149g
65-Tb-149m1

126

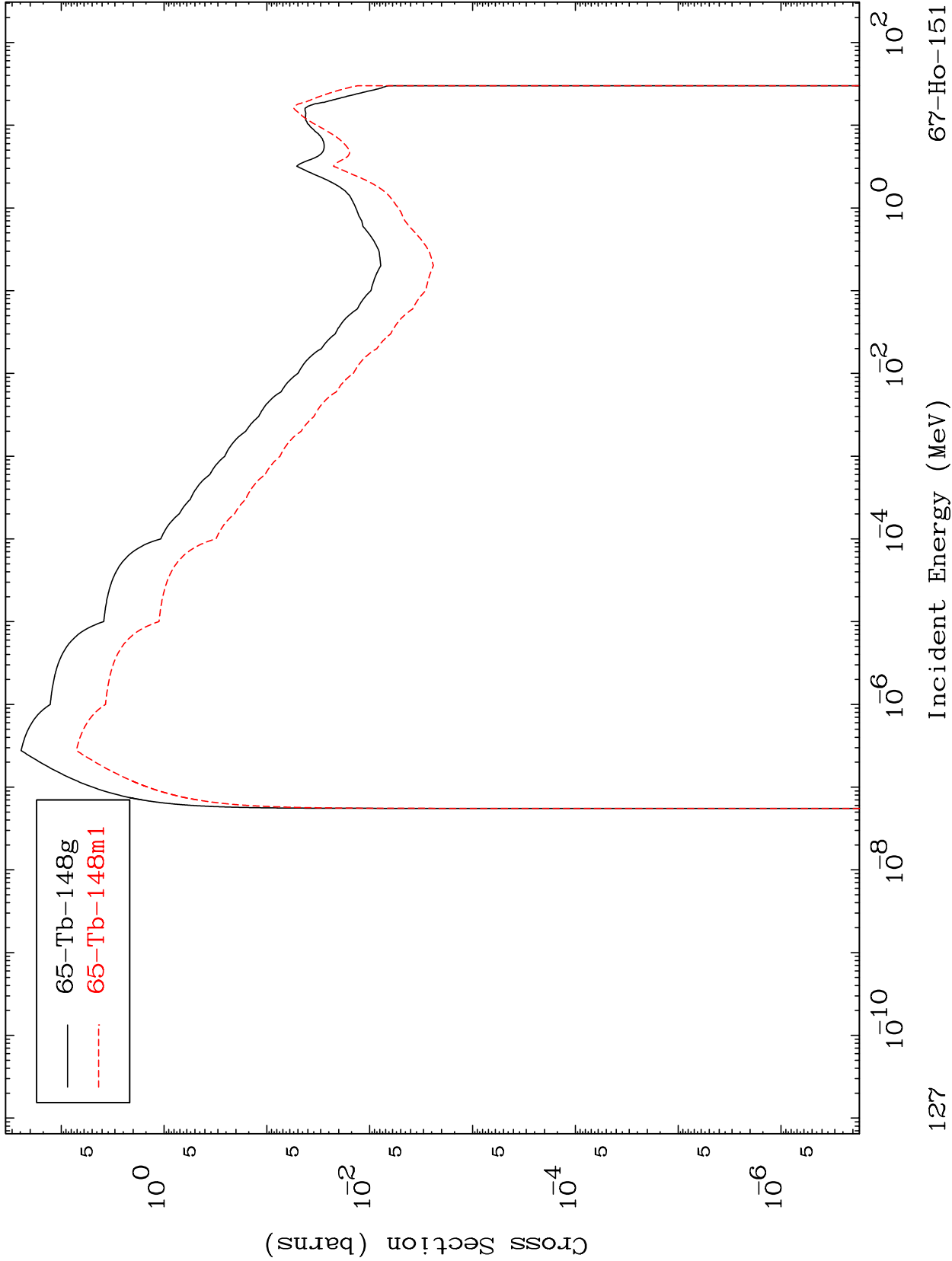
Incident Energy (MeV)

67-Ho-151

MAT 6683

67-Ho-151

Radionuclide Production Cross Section
(n, α)

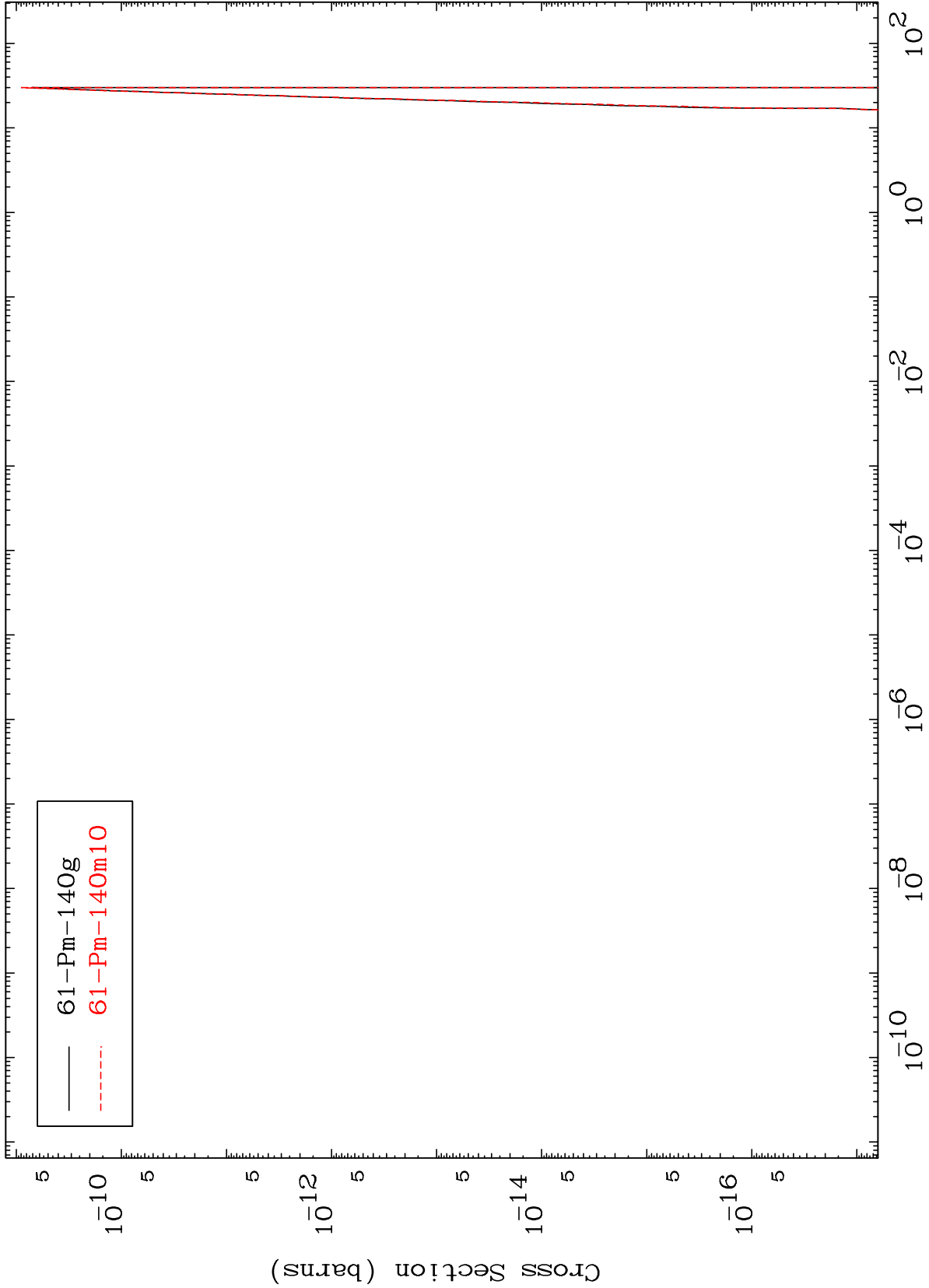


MAT 6683

(n, 3α)

67-Ho-151

Radionuclide Production Cross Section



128

Incident Energy (MeV)

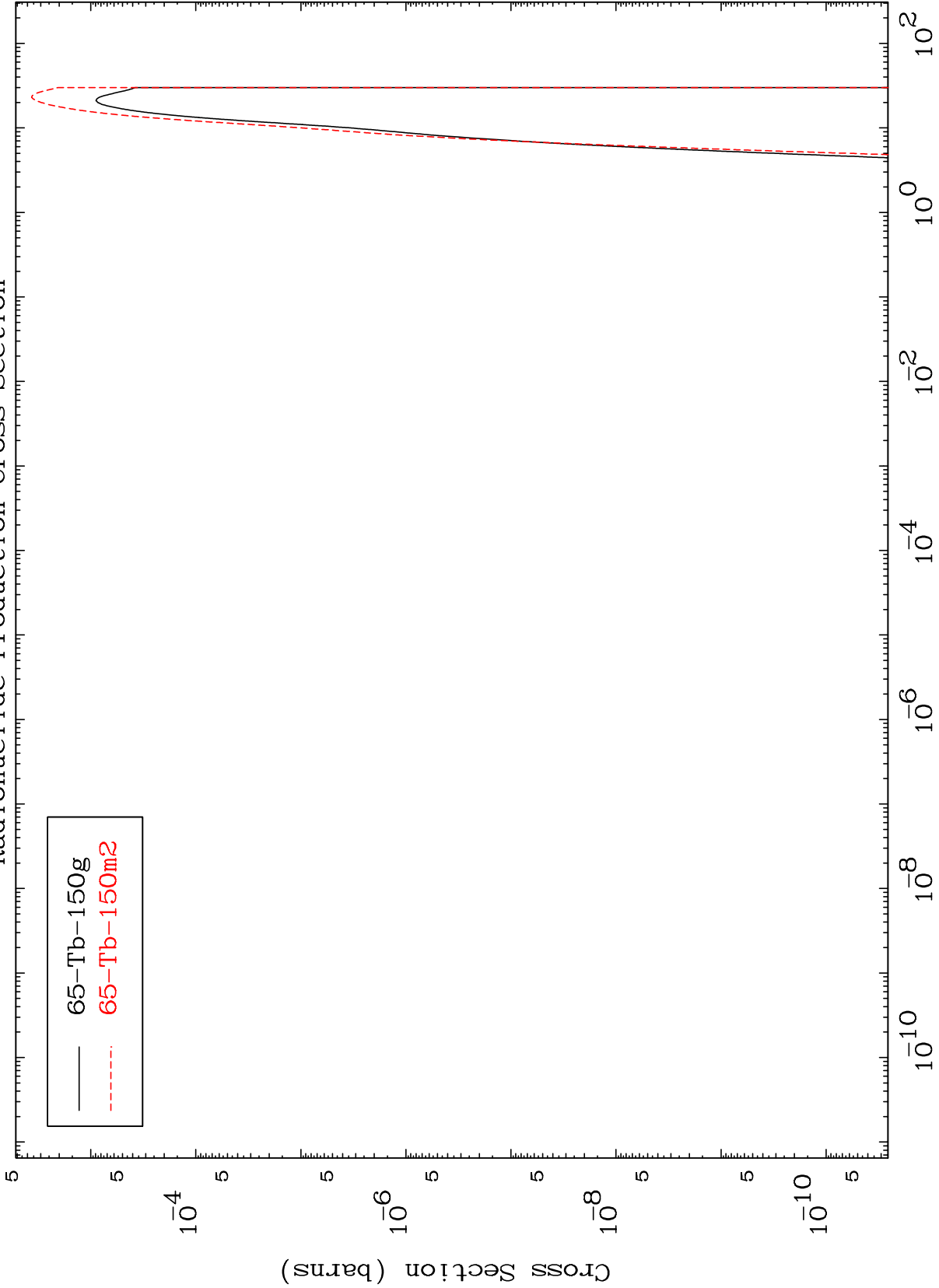
67-Ho-151

MAT 6683

(n,2p)

67-Ho-151

Radionuclide Production Cross Section

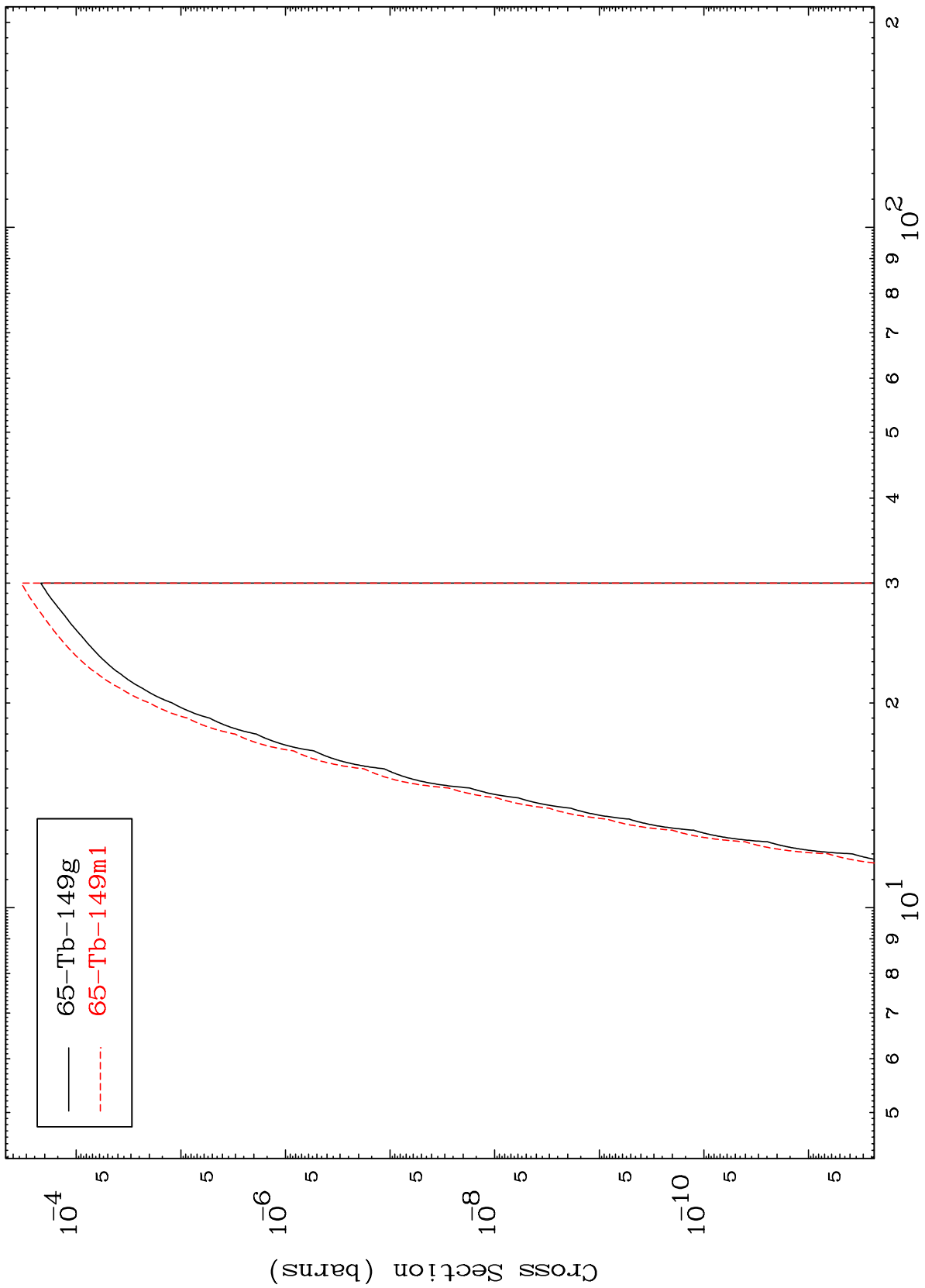


MAT 6683

(n,p) d

67-Ho-151

Radionuclide Production Cross Section



130

Incident Energy (MeV)

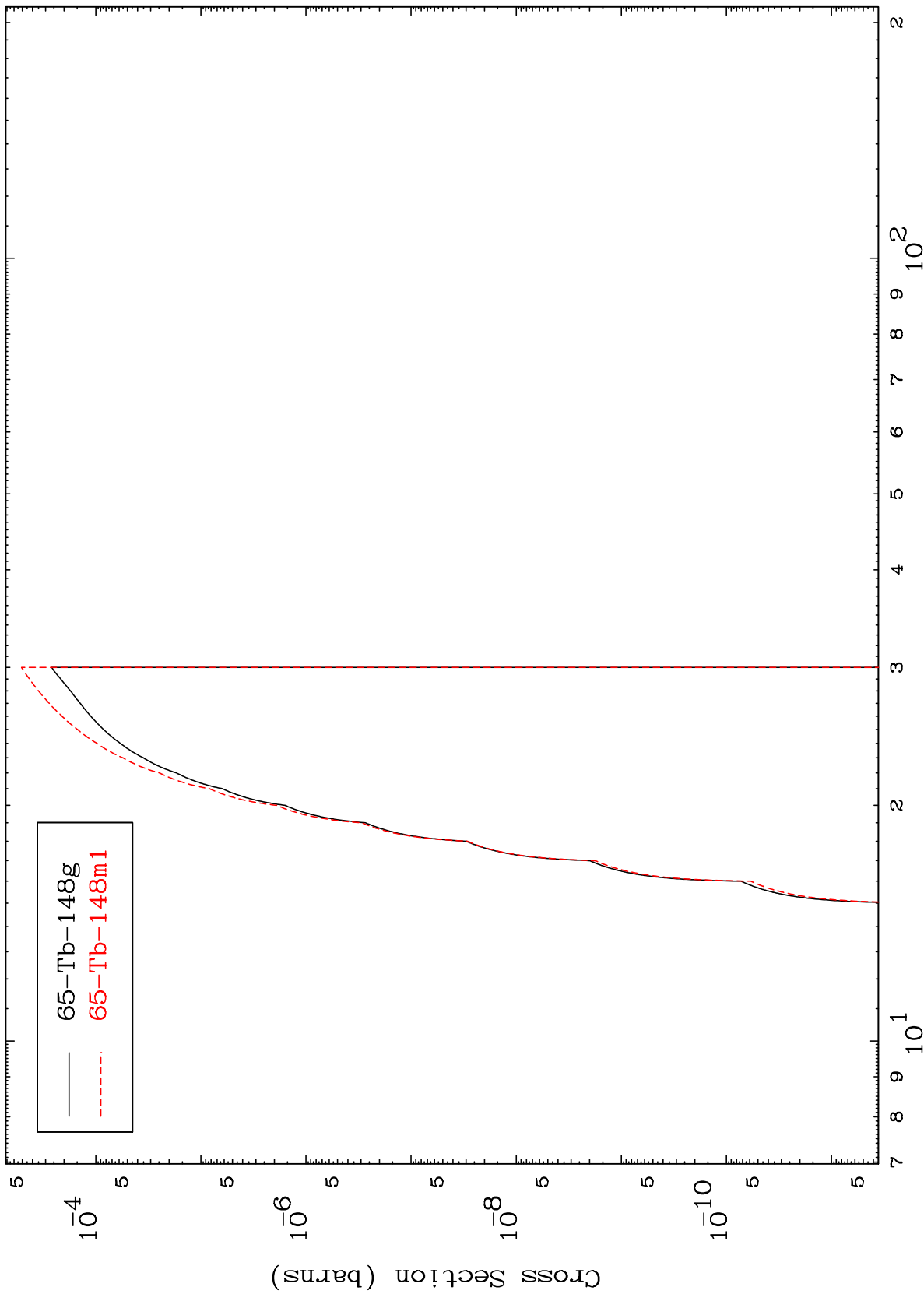
67-Ho-151

MAT 6683

(n,p) t

67-Ho-151

Radionuclide Production Cross Section



131

Incident Energy (MeV)

67-Ho-151