

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

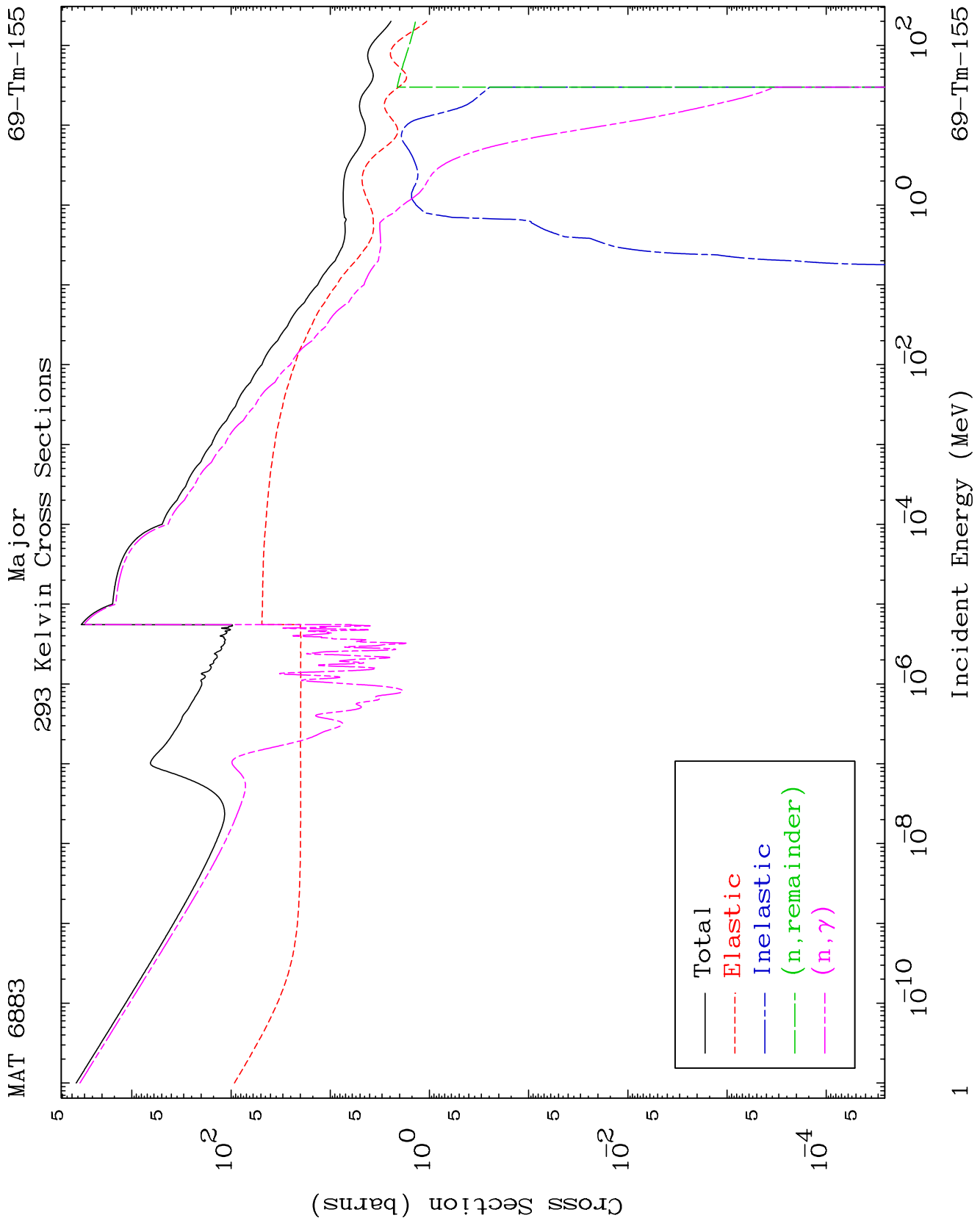
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E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

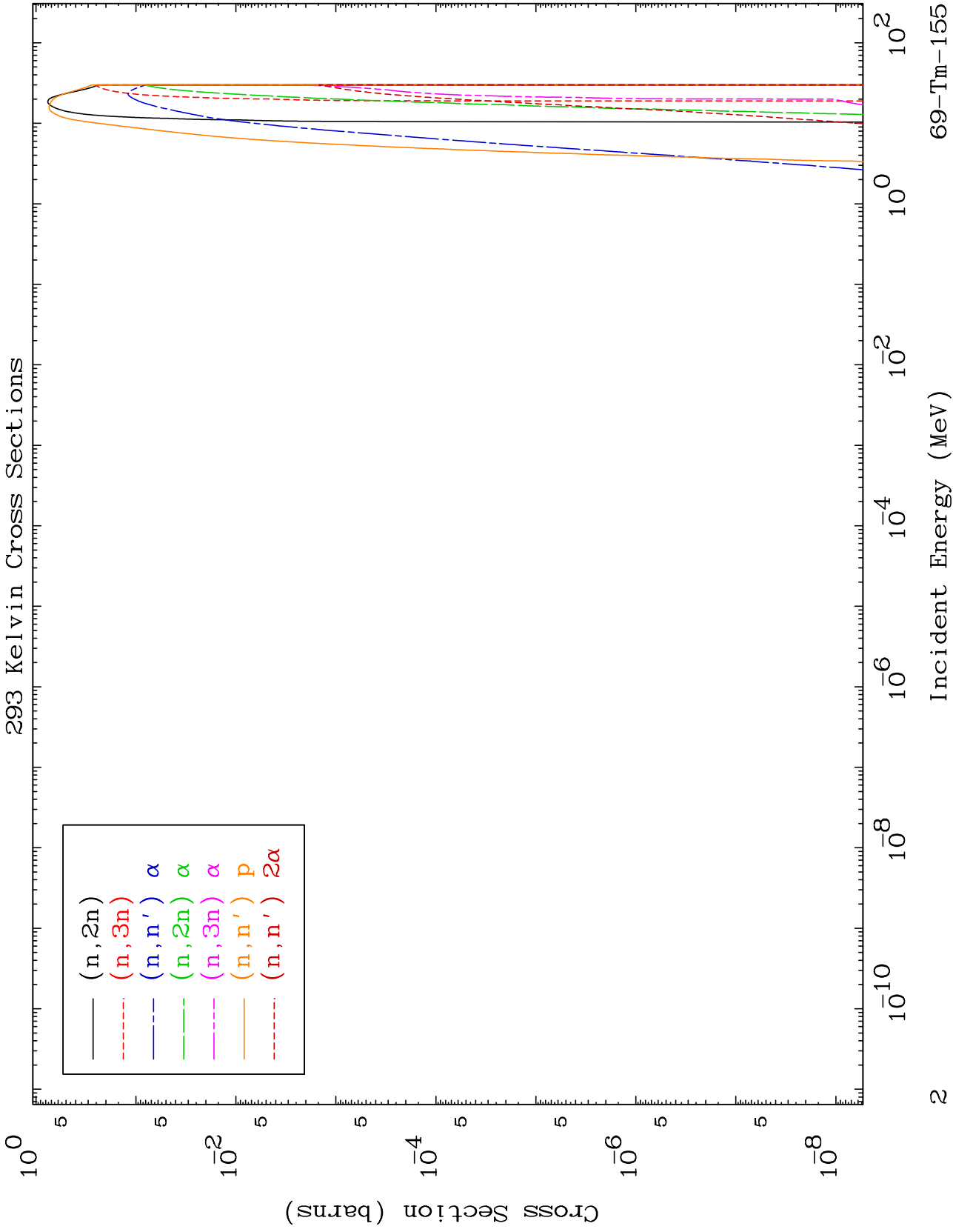
Press Mouse Button to Start



MAT 6883

Neutron Production
293 Kelvin Cross Sections

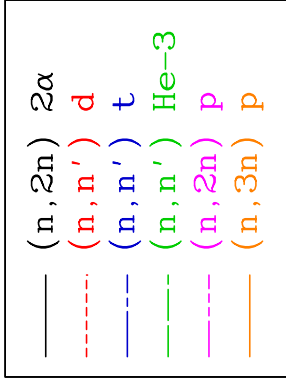
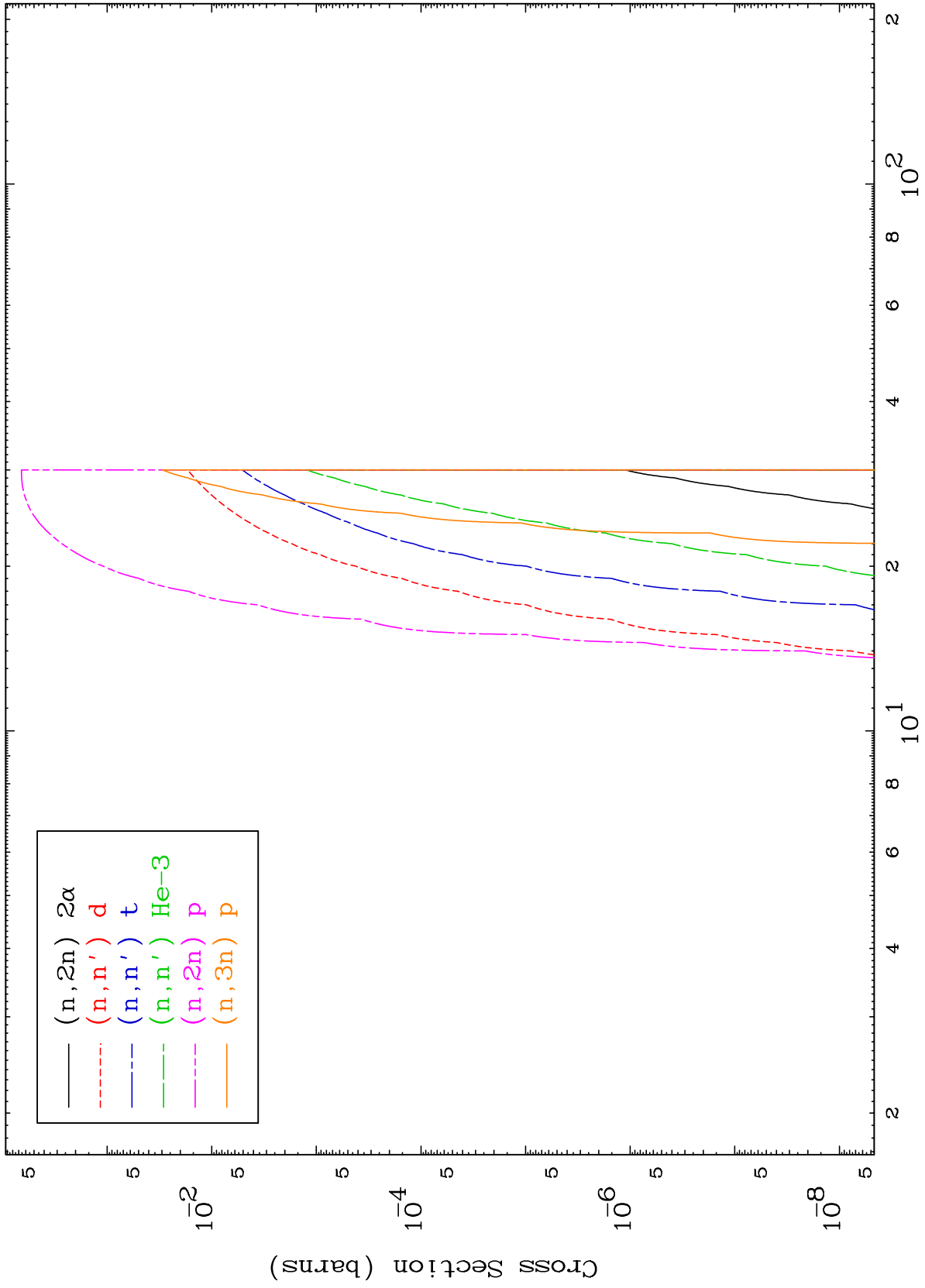
69-Tm-155



MAT 6883

Neutron Production
293 Kelvin Cross Sections

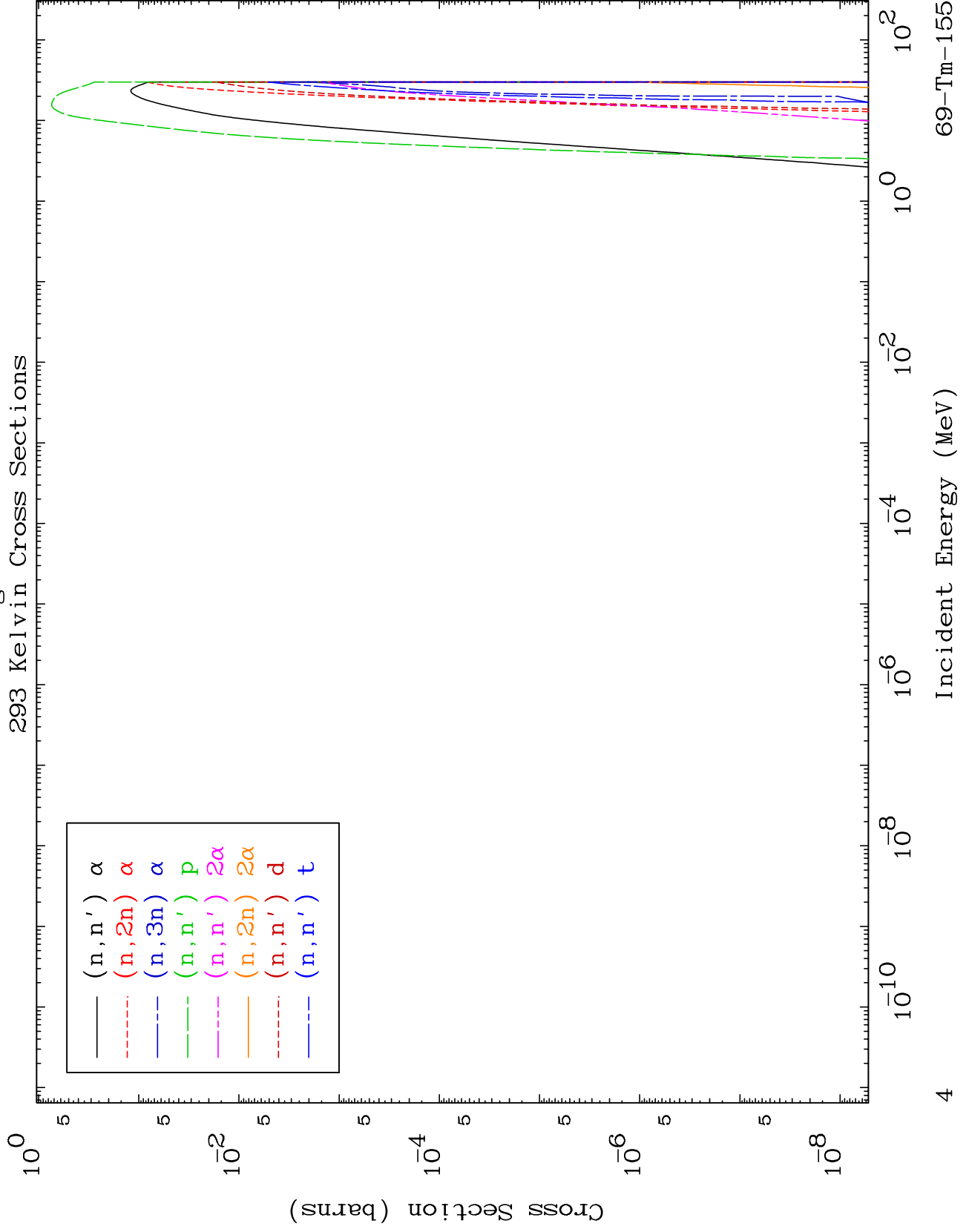
69-Tm-155



MAT 6883

Charged Particle
293 Kelvin Cross Sections

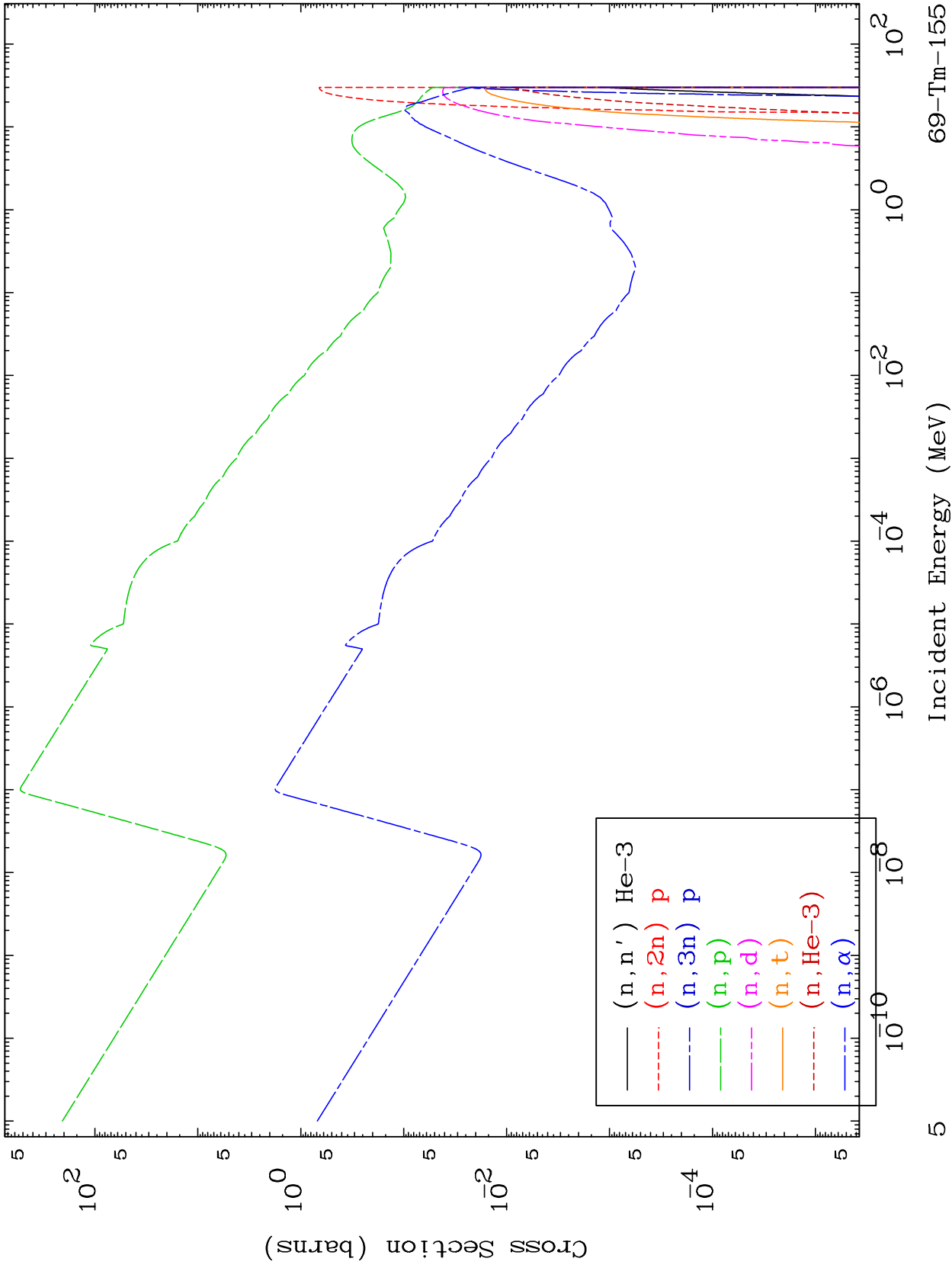
69-Tm-155



MAT 6883

Charged Particle
293 Kelvin Cross Sections

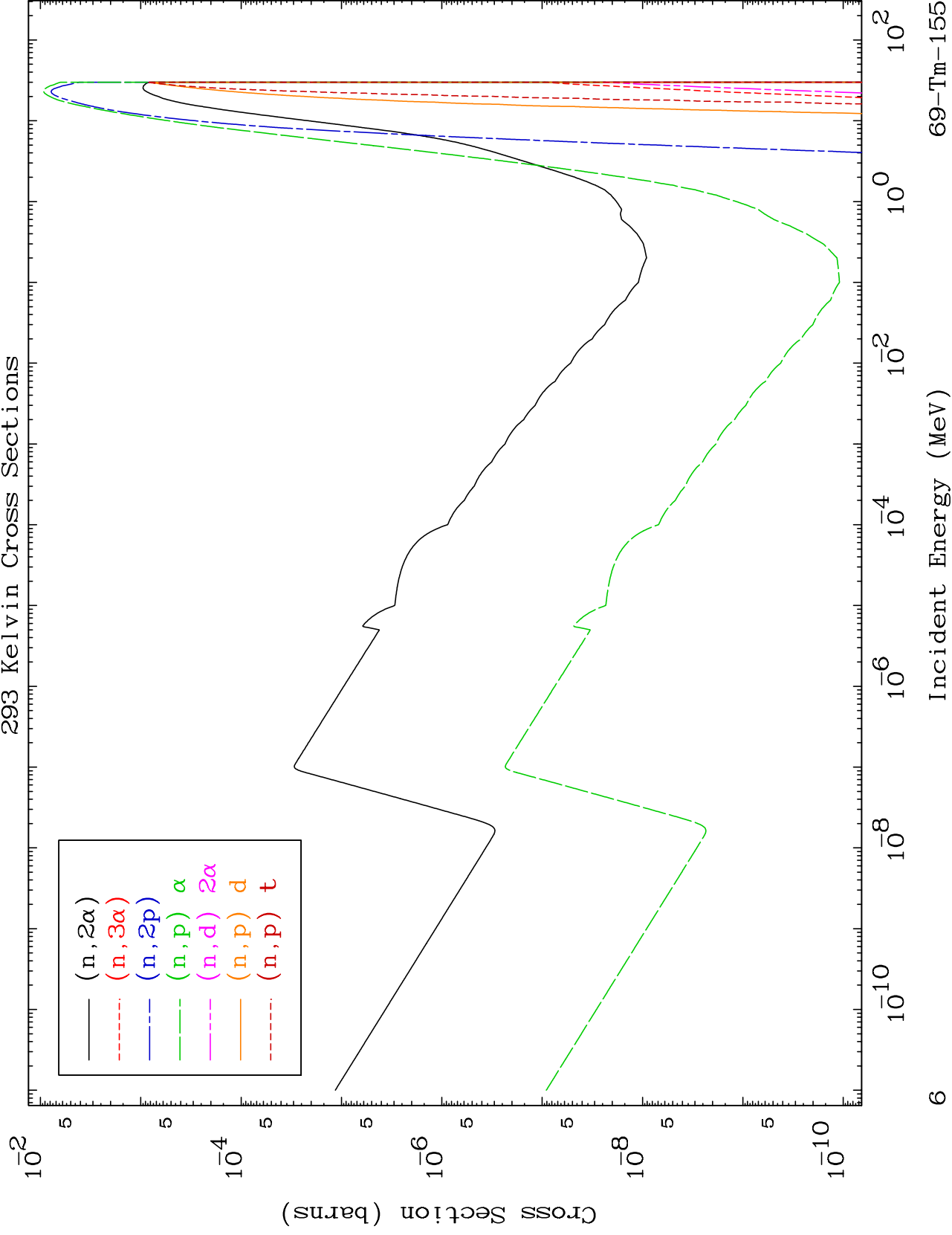
69-Tm-155



MAT 6883

Charged Particle
293 Kelvin Cross Sections

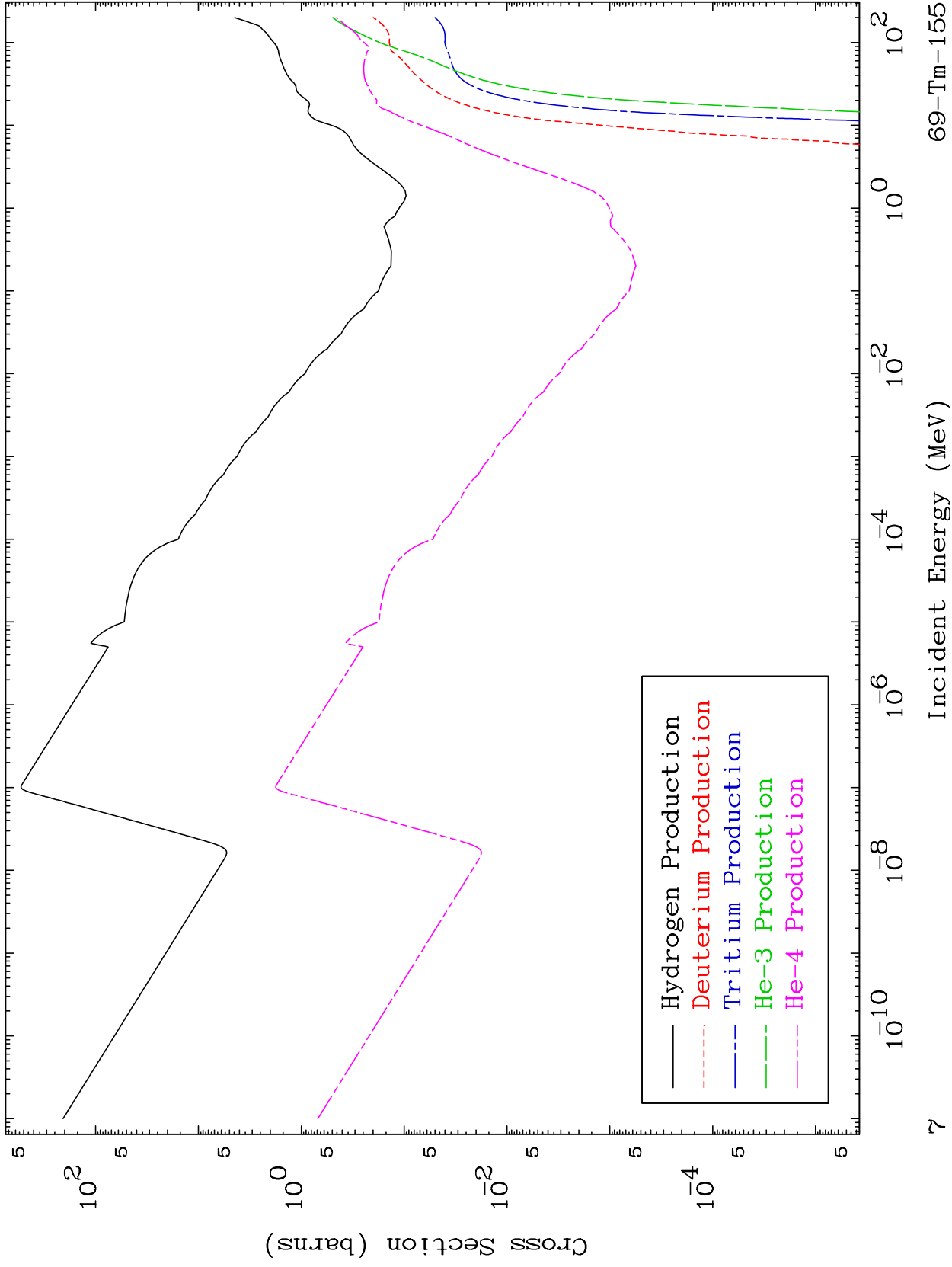
69-Tm-155



MAT 6883

Particle Production
293 Kelvin Cross Sections

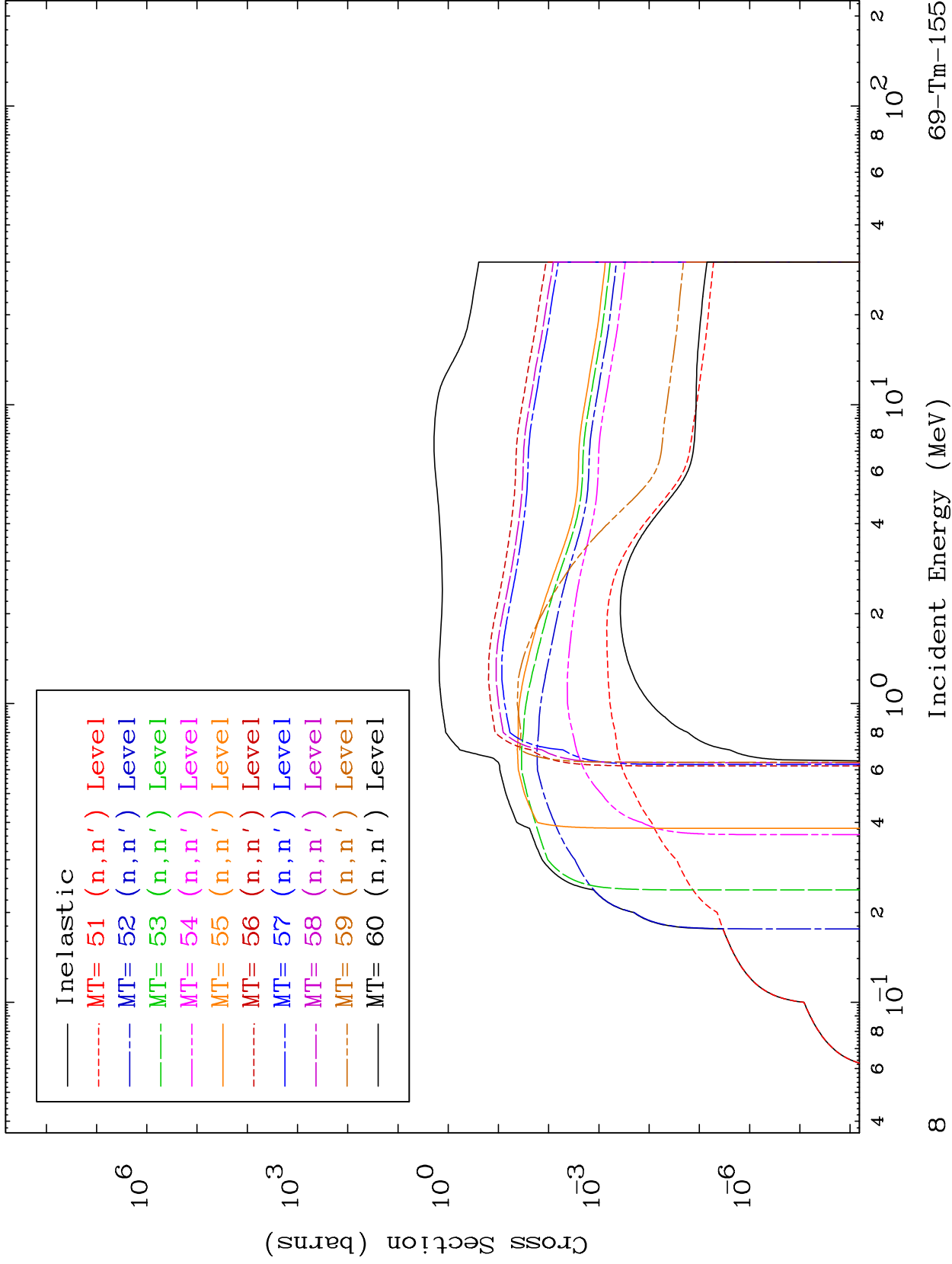
69-Tm-155



MAT 6883

(n,n') Level
293 Kelvin Cross Sections

69-Tm-155

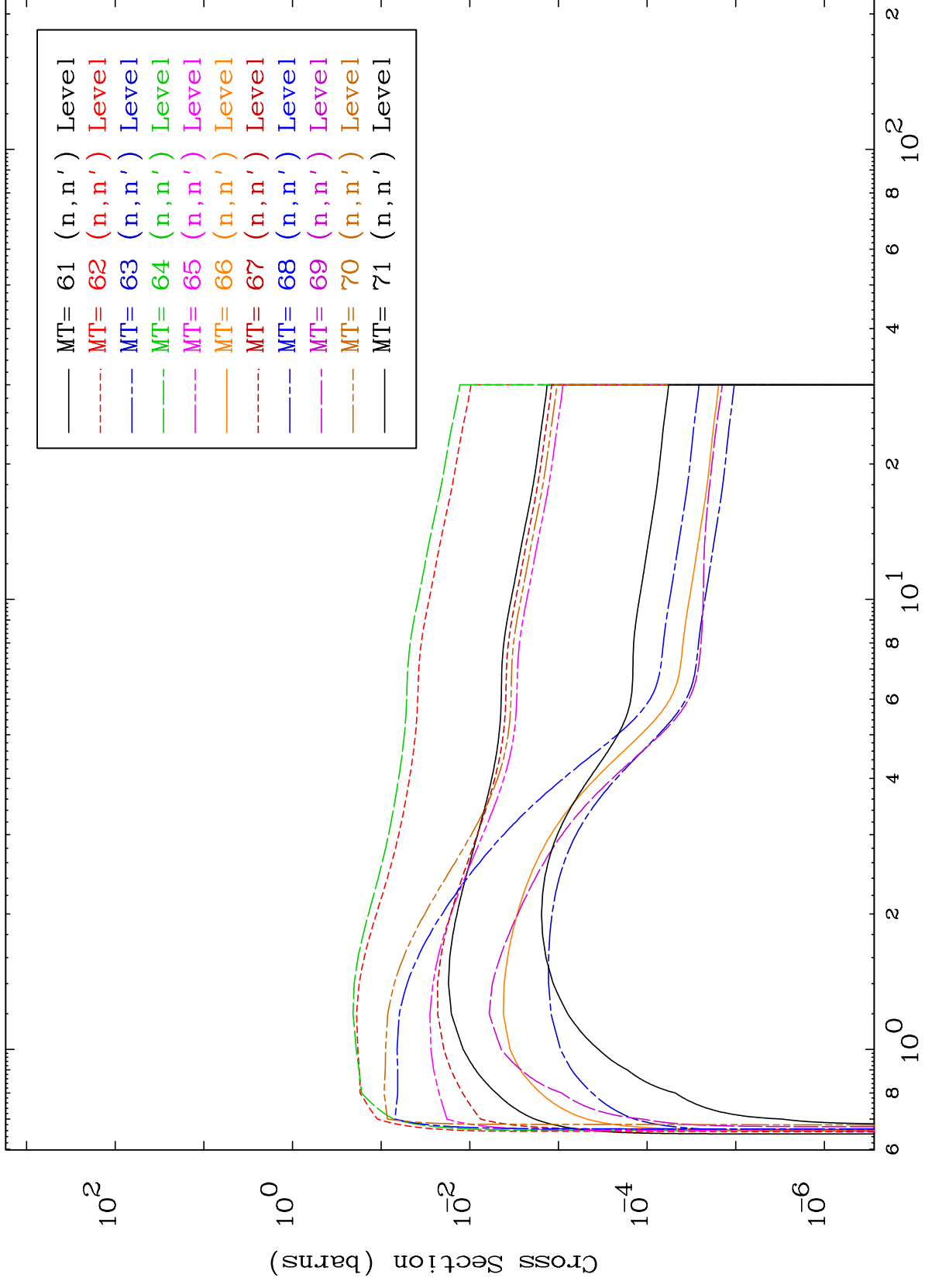


MAT 6883

(n,n') Level

69-Tm-155

293 Kelvin Cross Sections



9

Incident Energy (MeV)

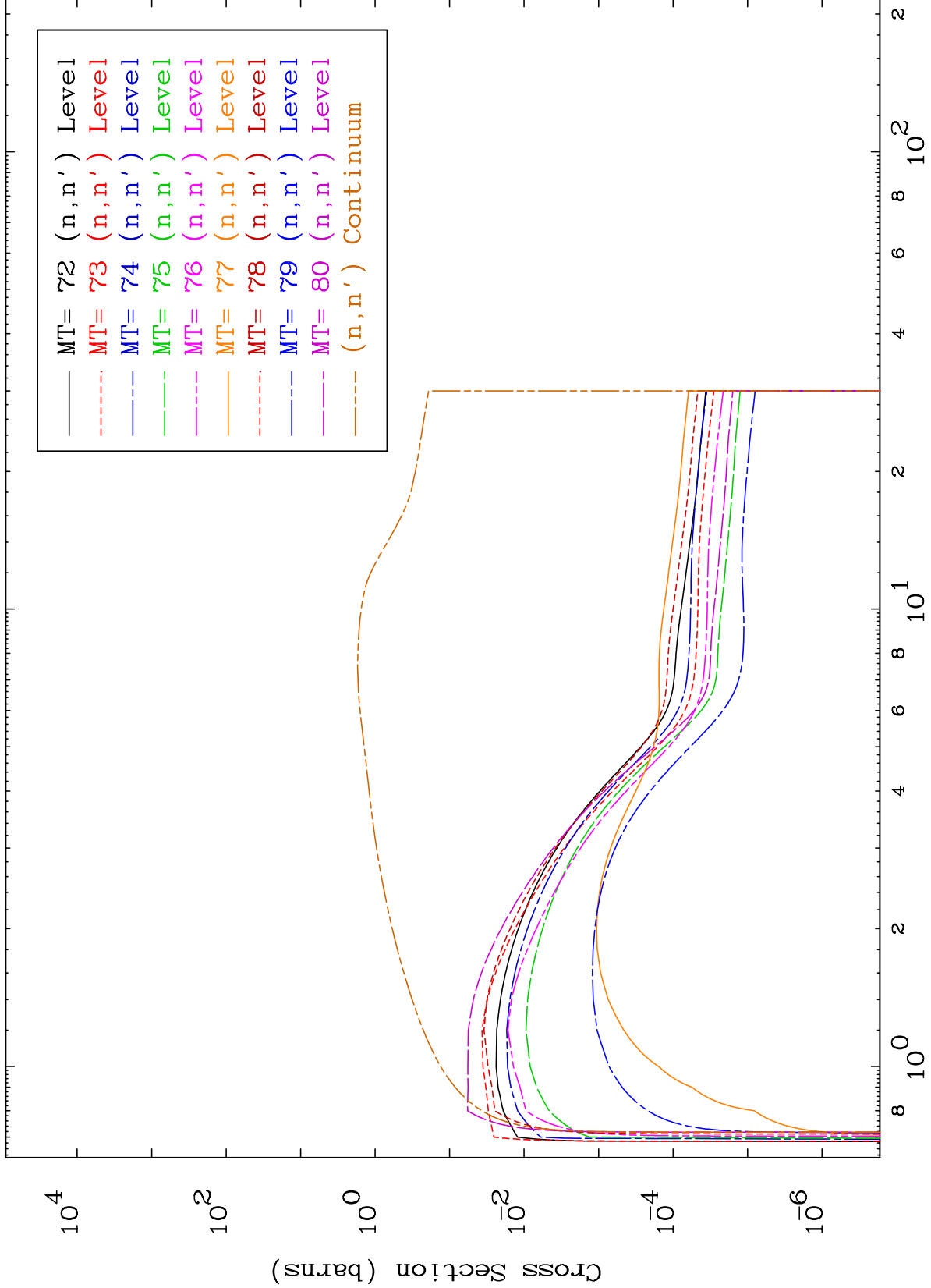
69-Tm-155

MAT 6883

(n,n') Level

69-Tm-155

293 Kelvin Cross Sections



10

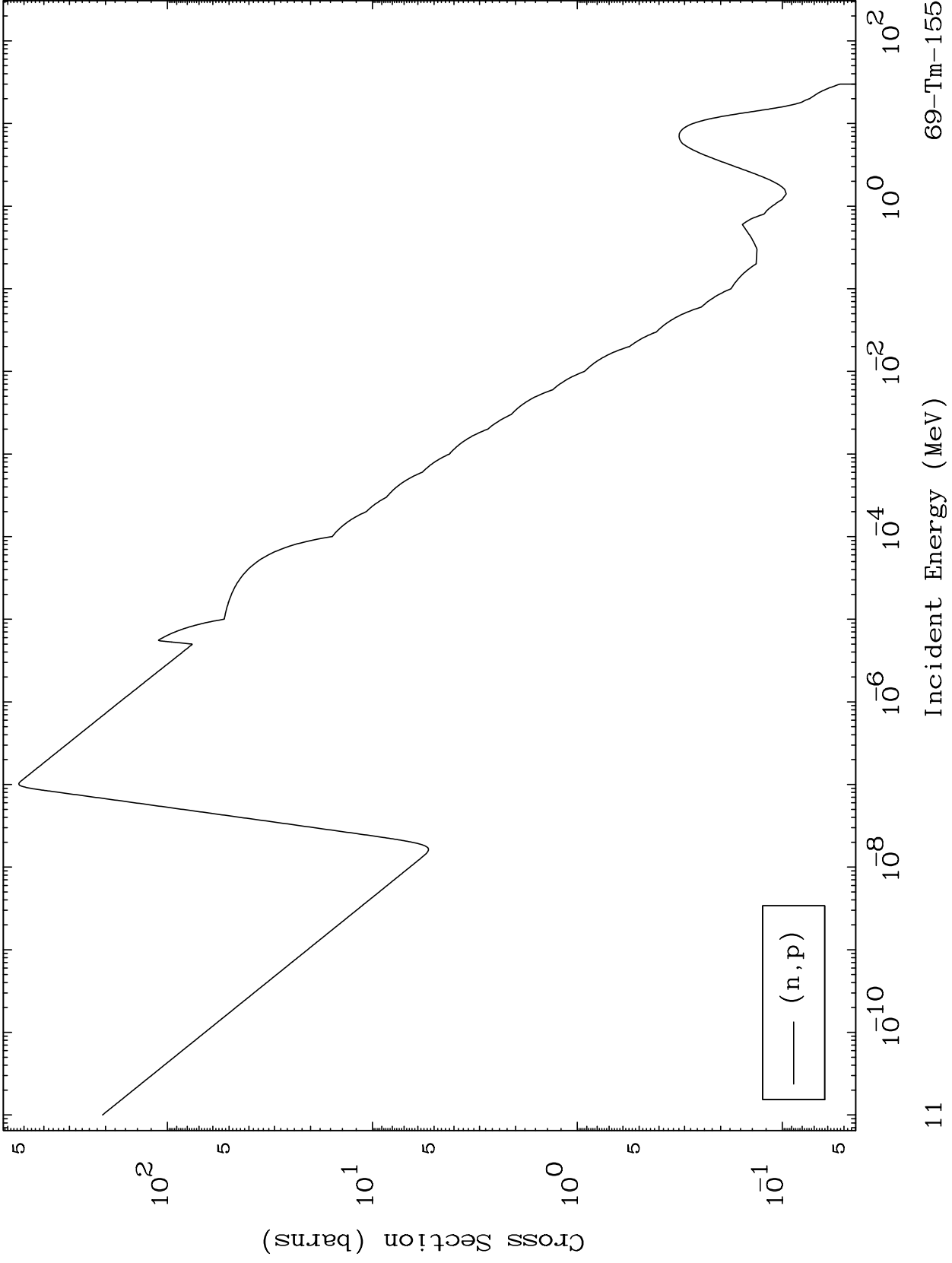
Incident Energy (MeV)

69-Tm-155

MAT 6883

(n,p) Levels
293 Kelvin Cross Sections

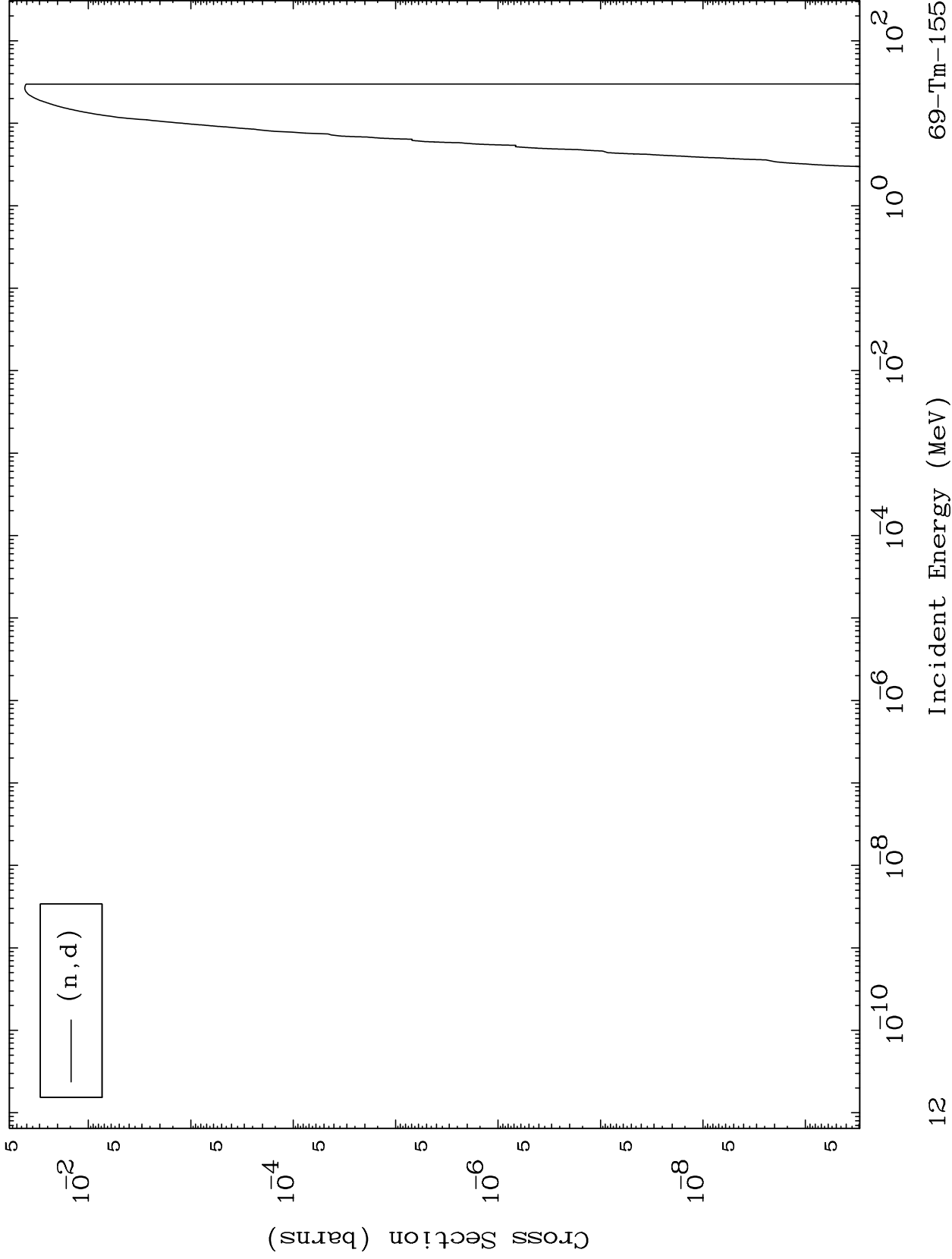
69-Tm-155



MAT 6883

(n,d) Levels
293 Kelvin Cross Sections

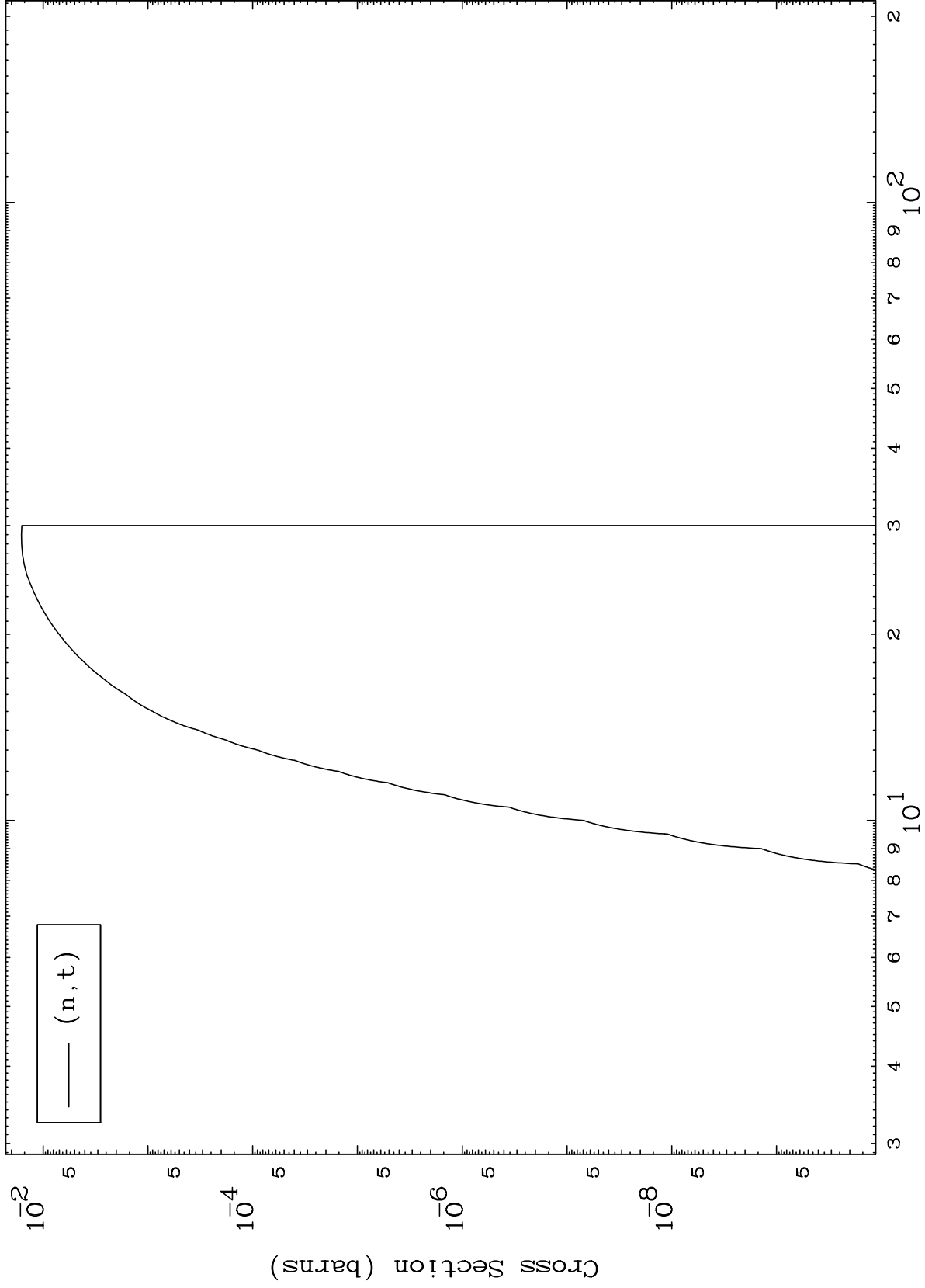
69-Tm-155



MAT 6883

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-155



13

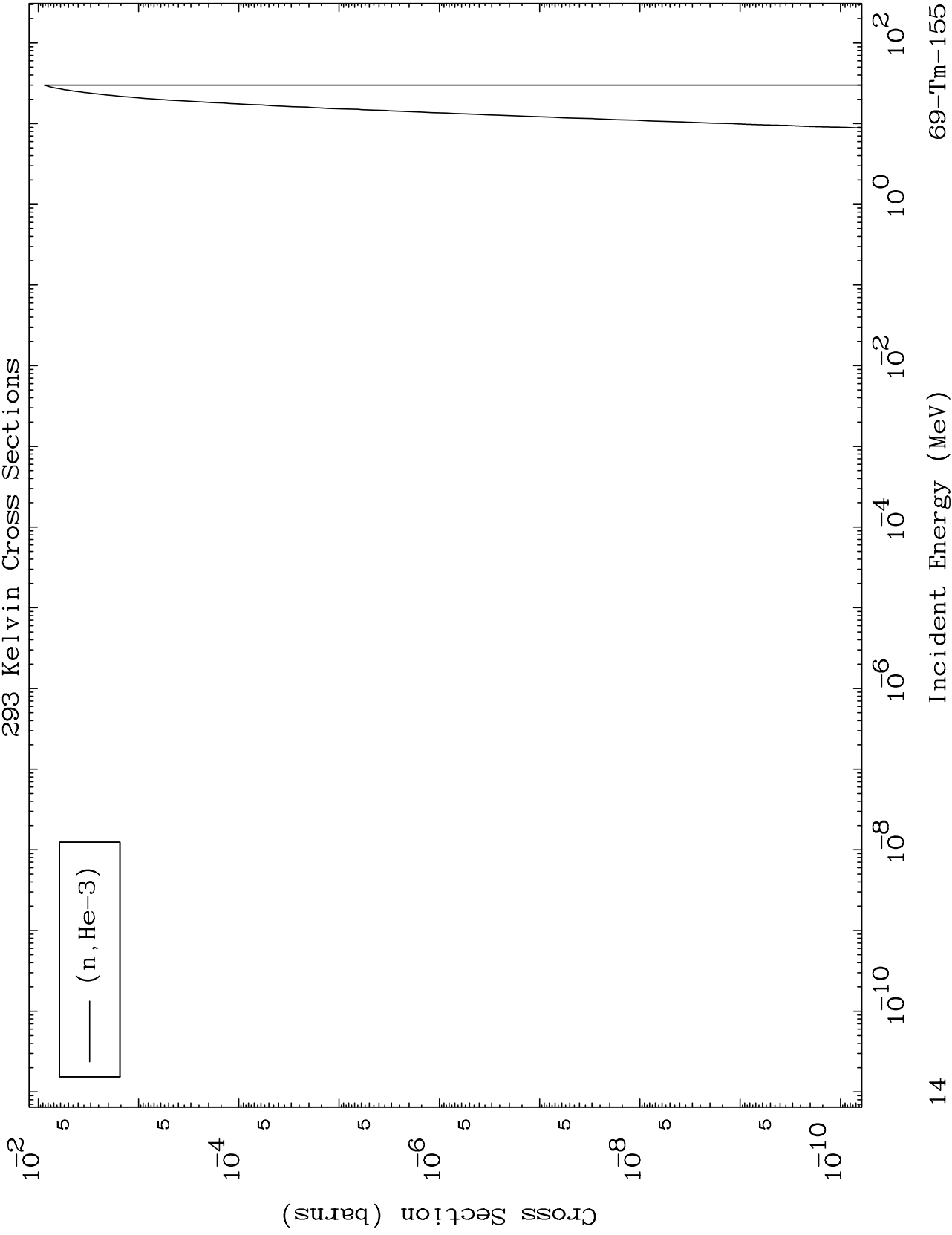
Incident Energy (MeV)

69-Tm-155

MAT 6883

(n,He3) Levels
293 Kelvin Cross Sections

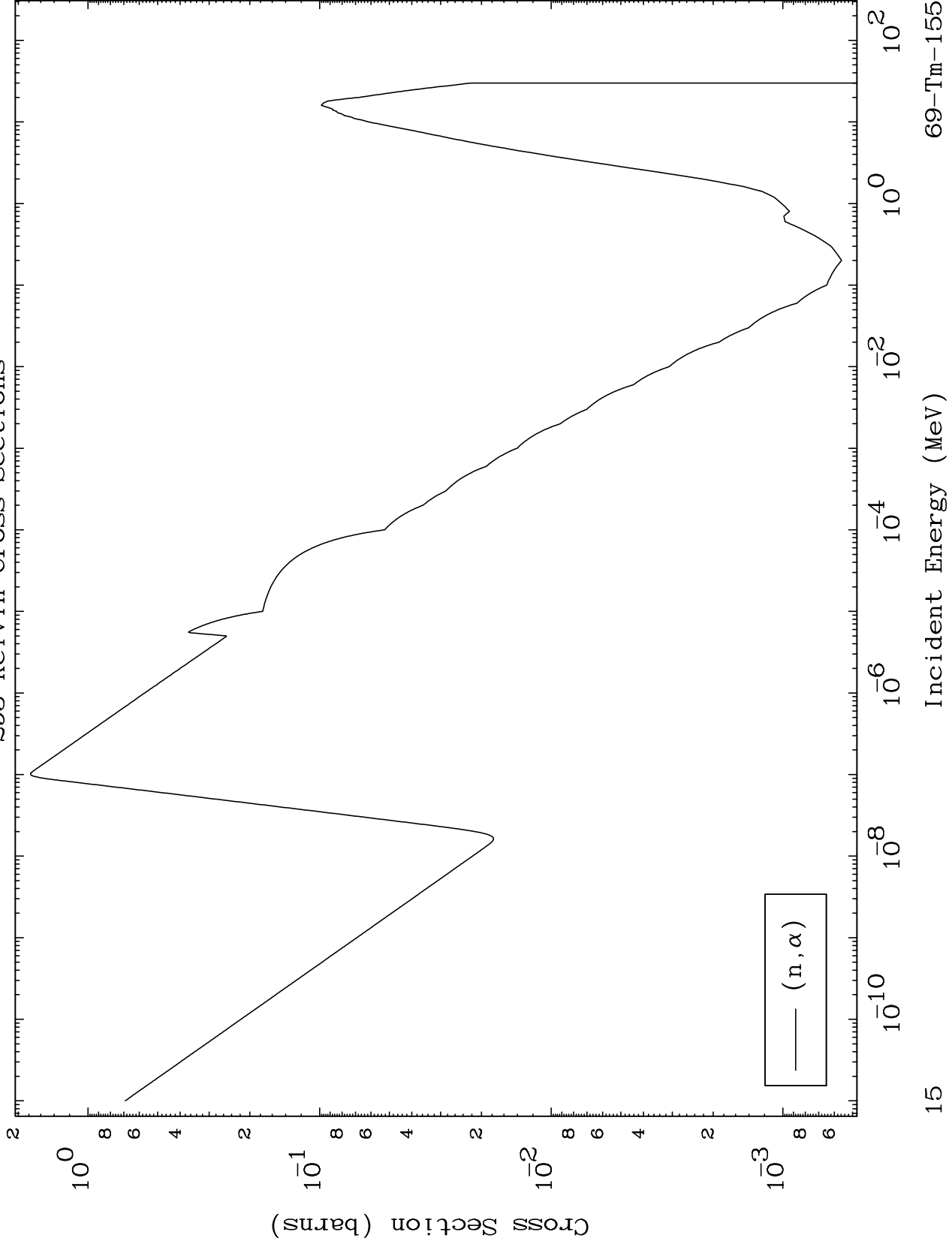
69-Tm-155



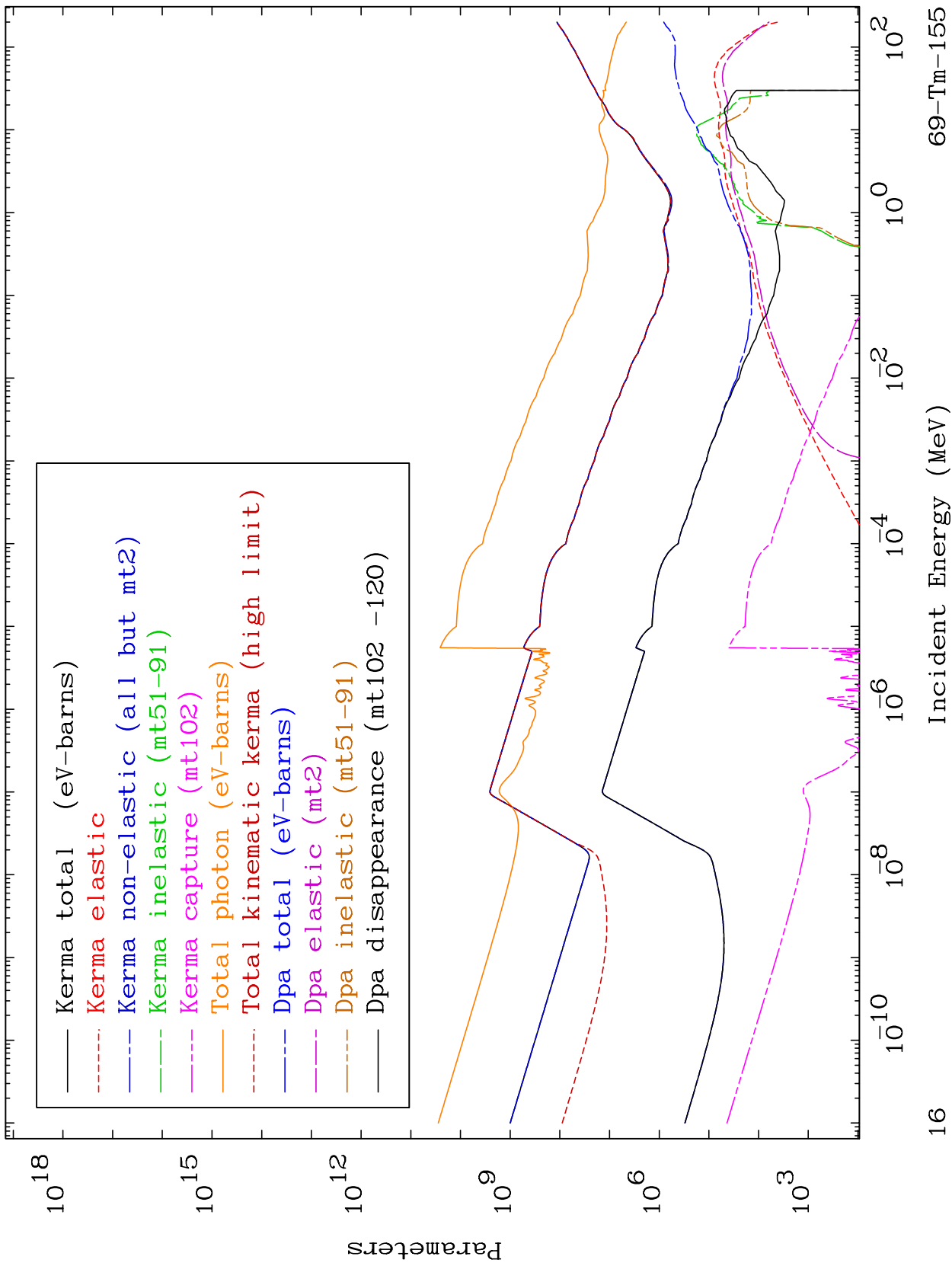
MAT 6883

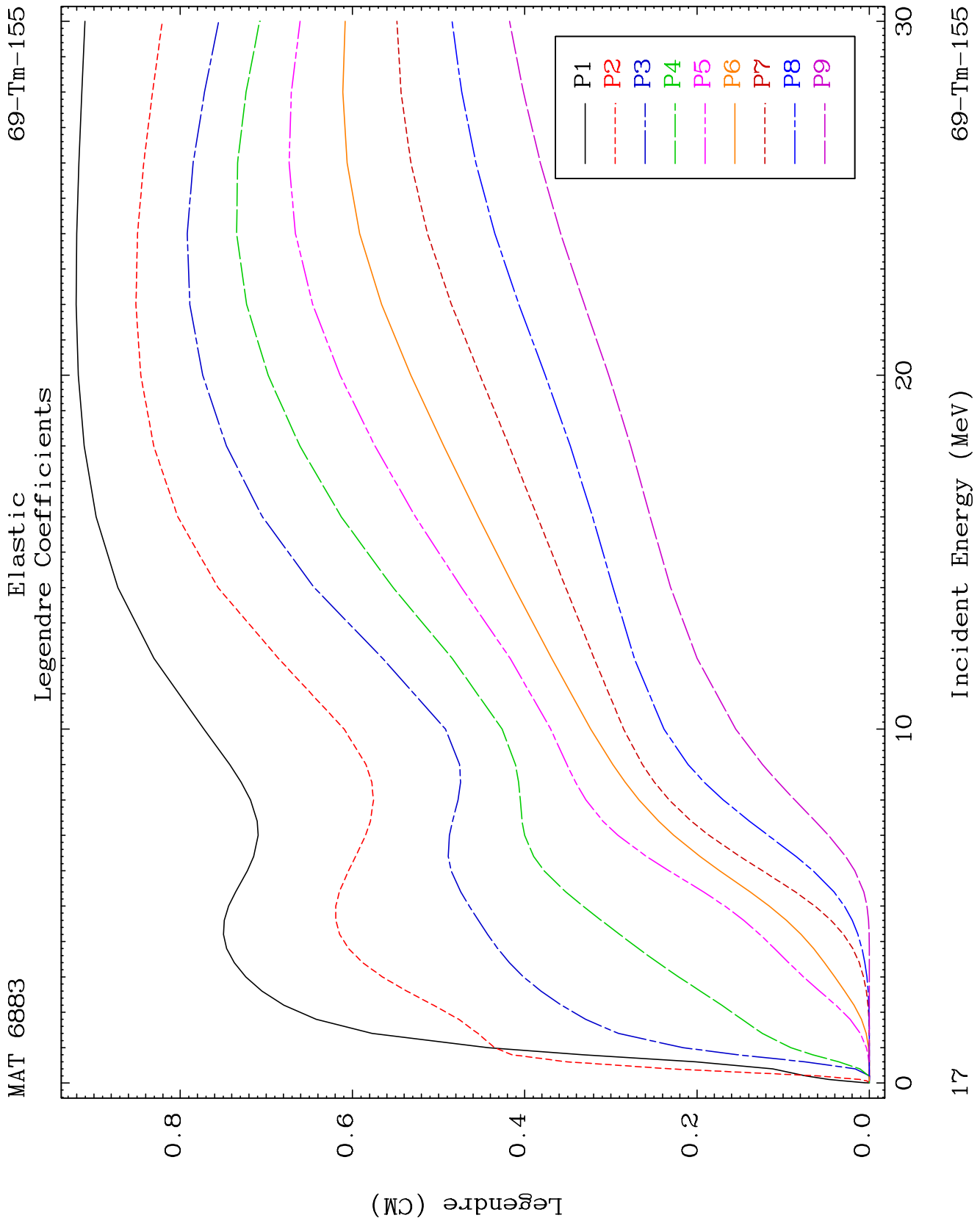
(n, α) Levels
293 Kelvin Cross Sections

69-Tm-155



15

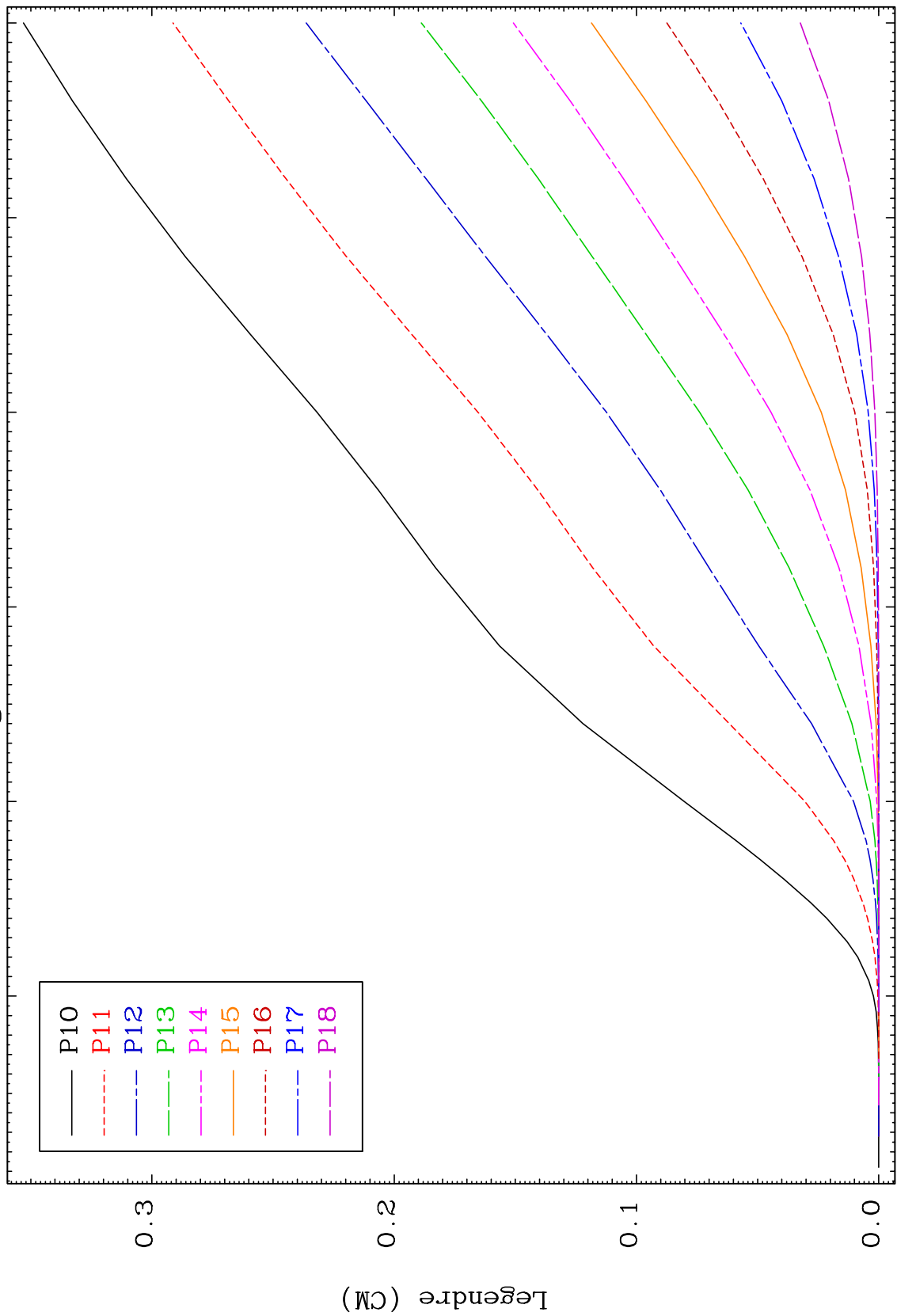




MAT 6883

Elastic Legendre Coefficients

69-Tm-155



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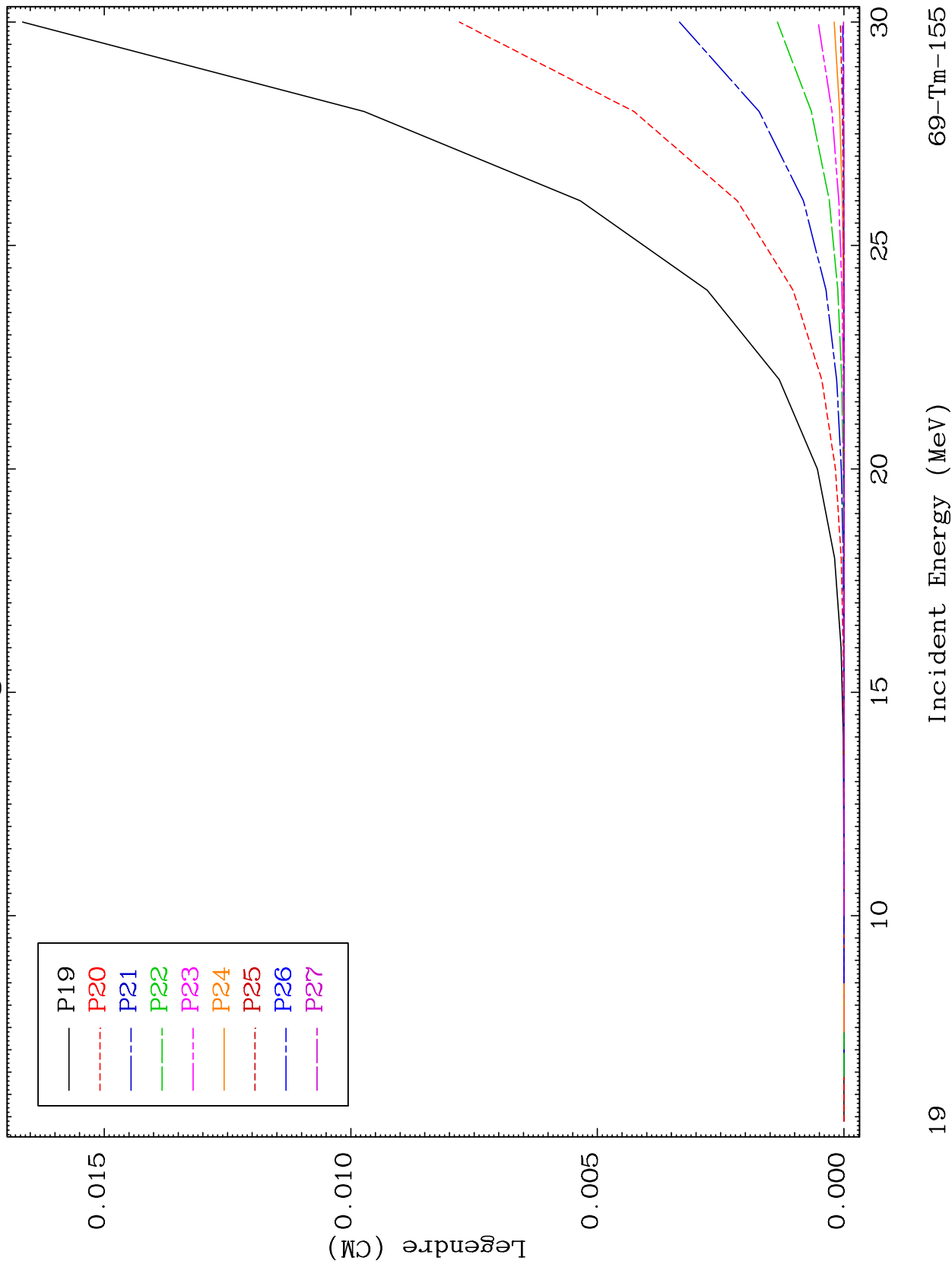
Incident Energy (MeV)

69-Tm-155

MAT 6883

Elastic Legendre Coefficients

69-Tm-155



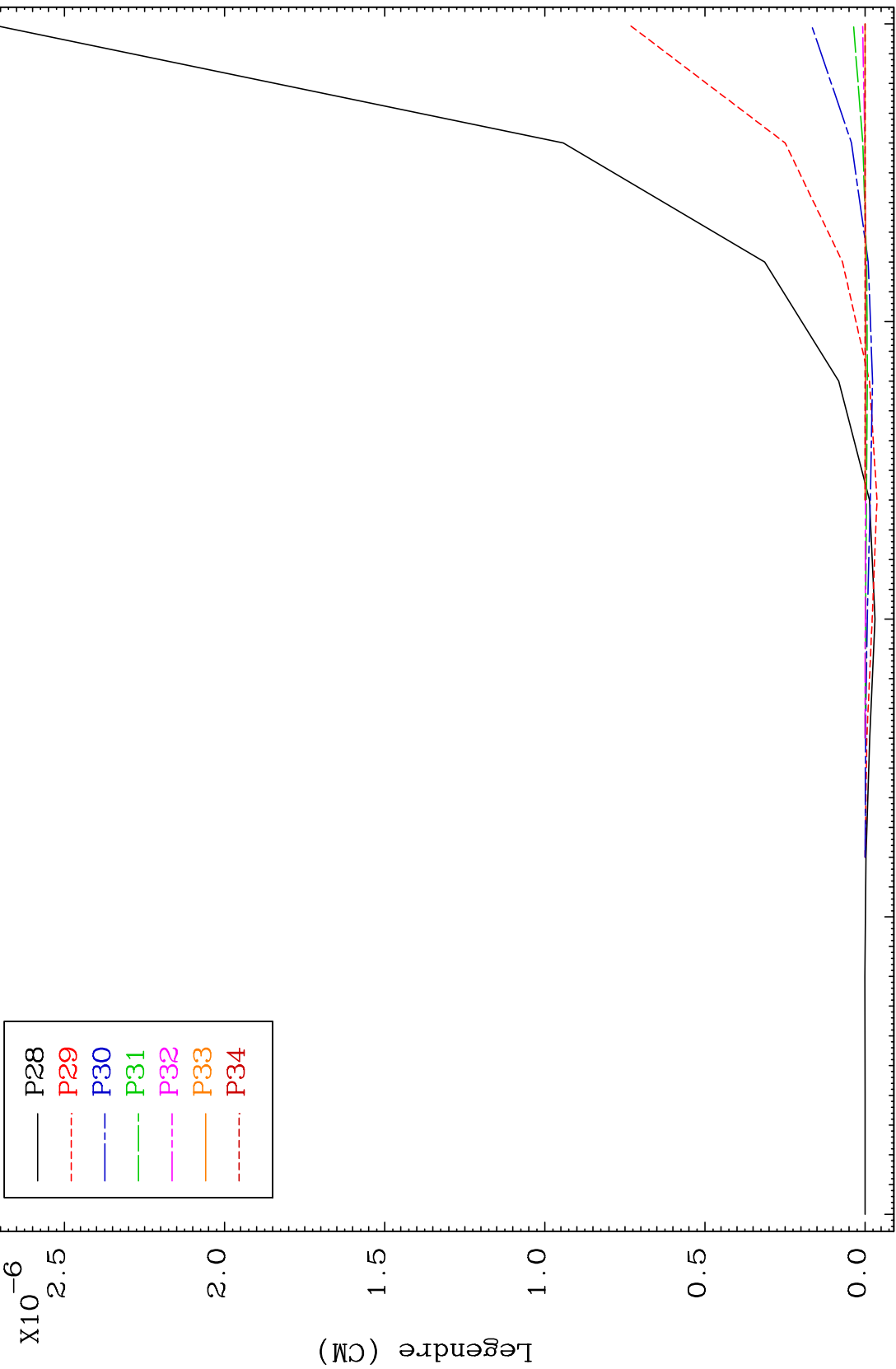
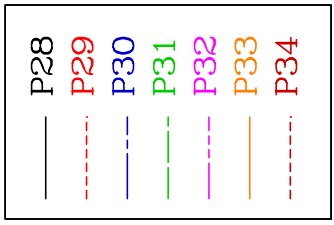
19

69-Tm-155

MAT 6883

Elastic Legendre Coefficients

69-Tm-155



69-Tm-155

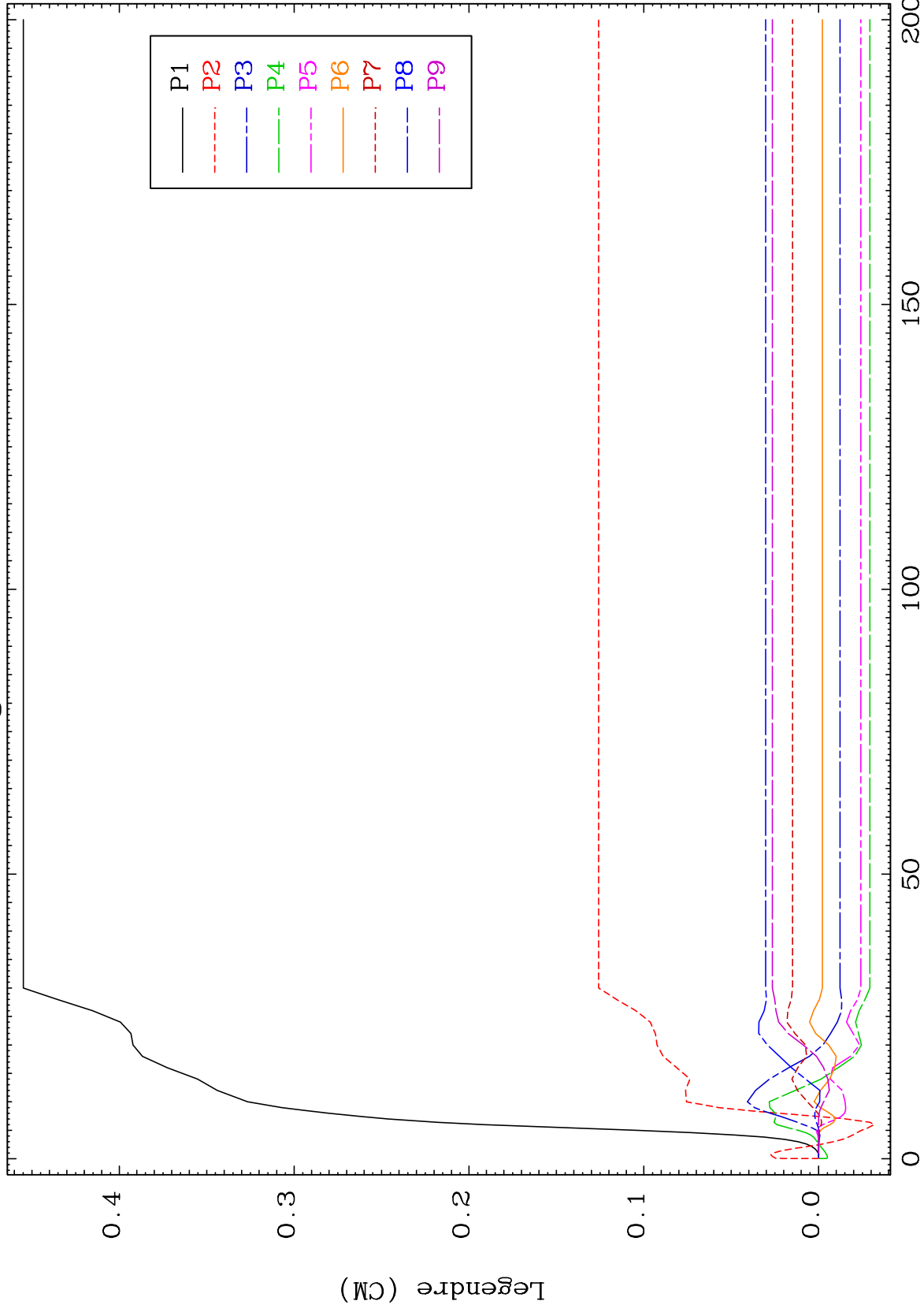
Incident Energy (MeV)

20

MAT 6883

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

69-Tm-155



21

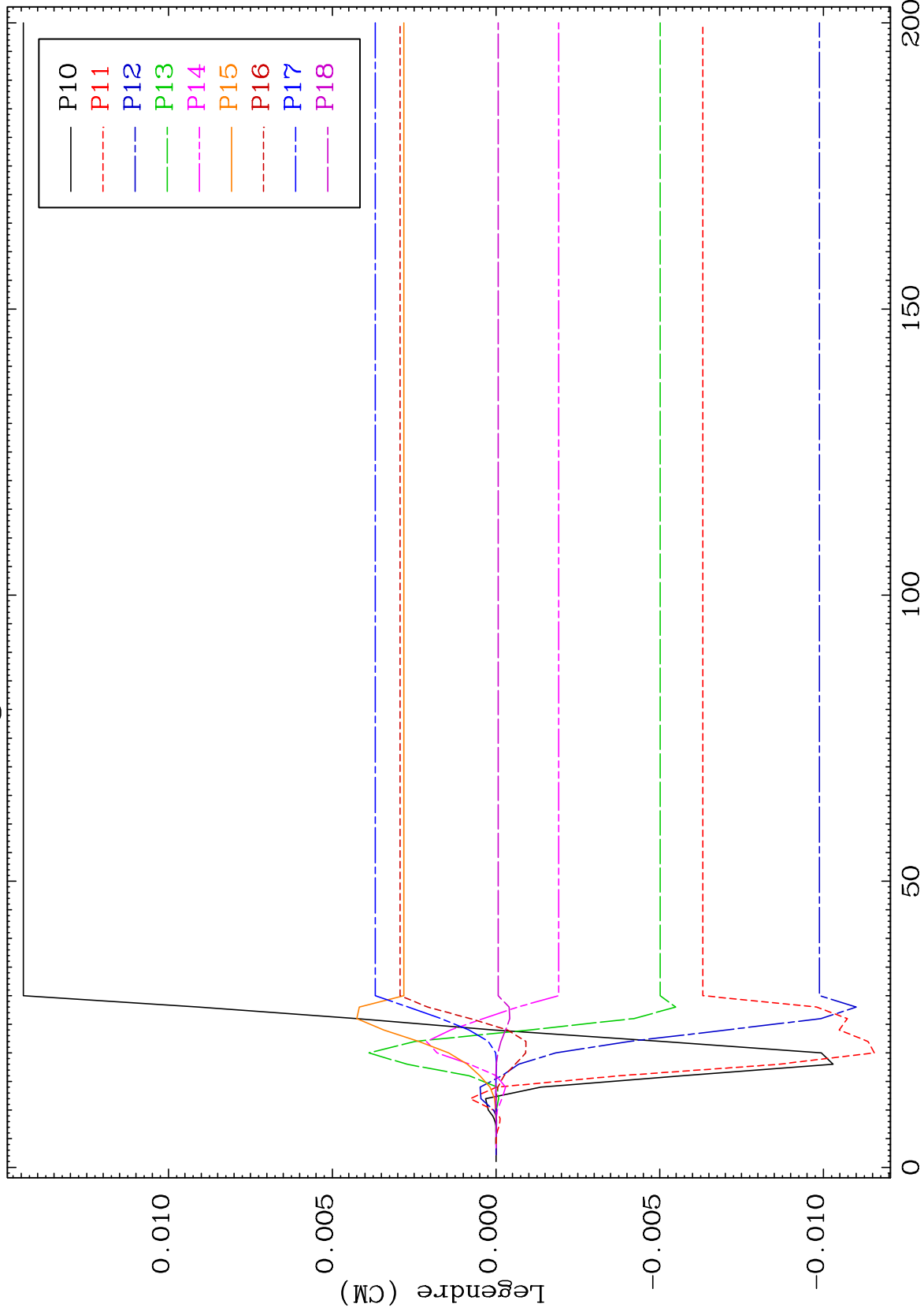
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

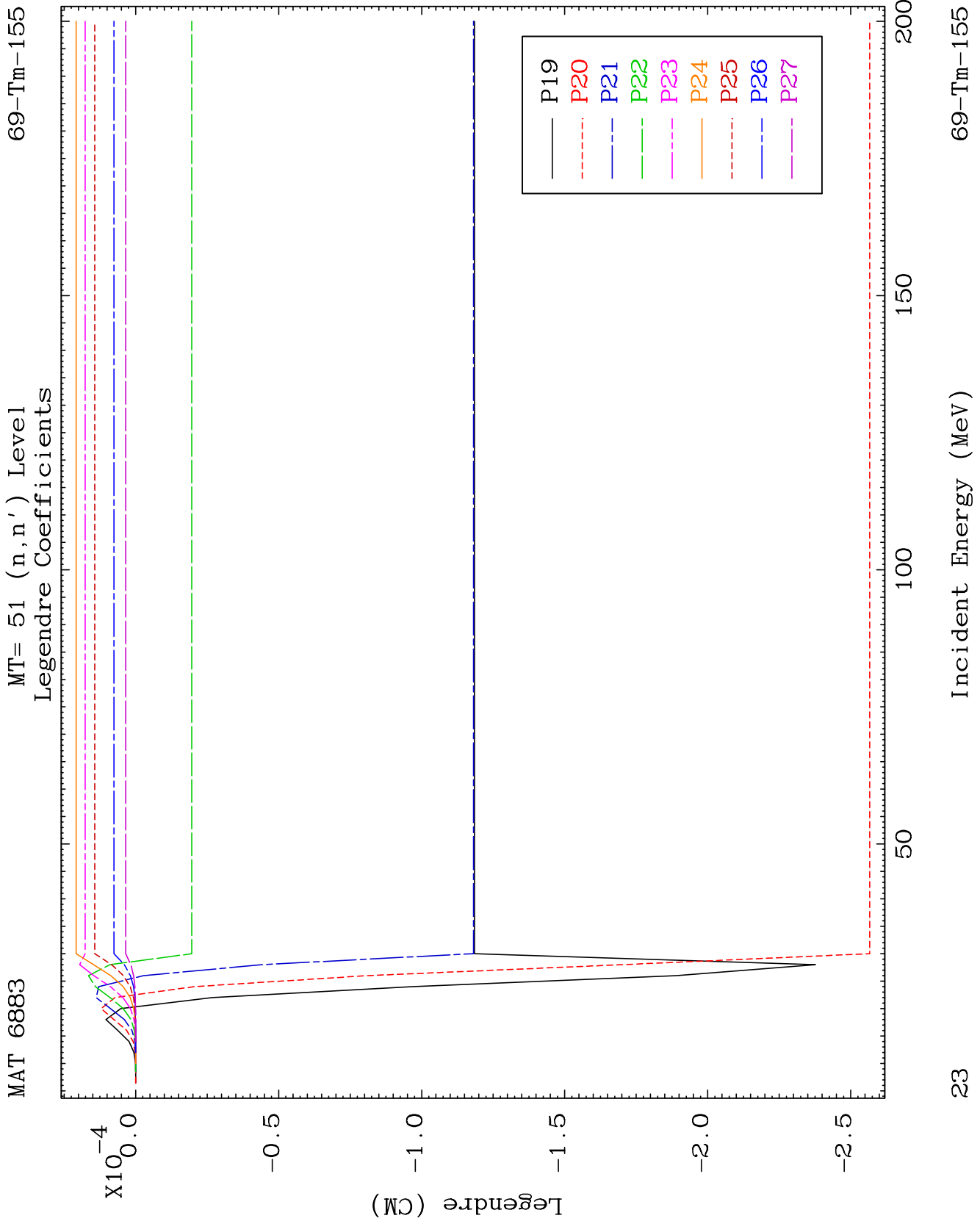
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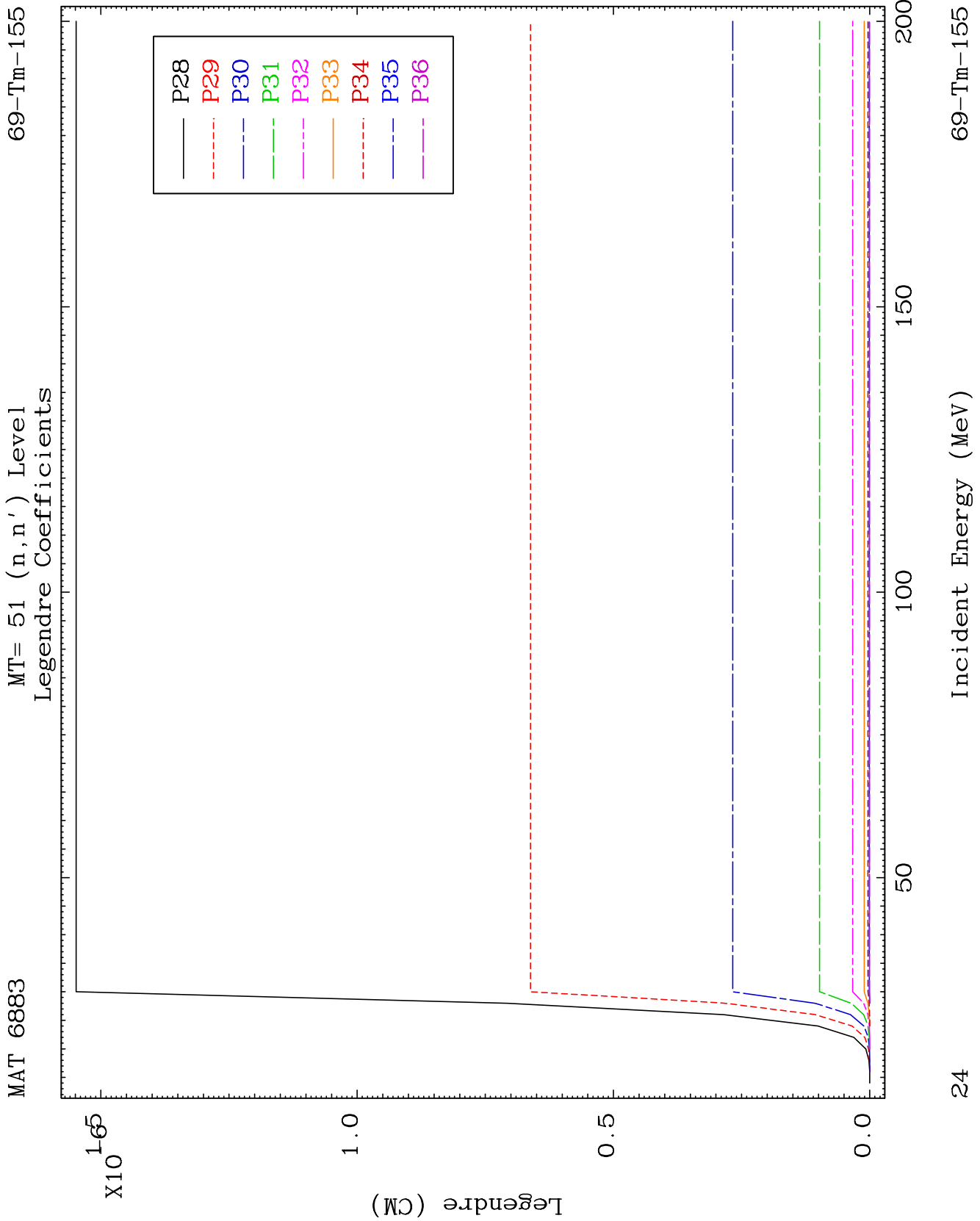


22

Incident Energy (MeV)

69-Tm-155

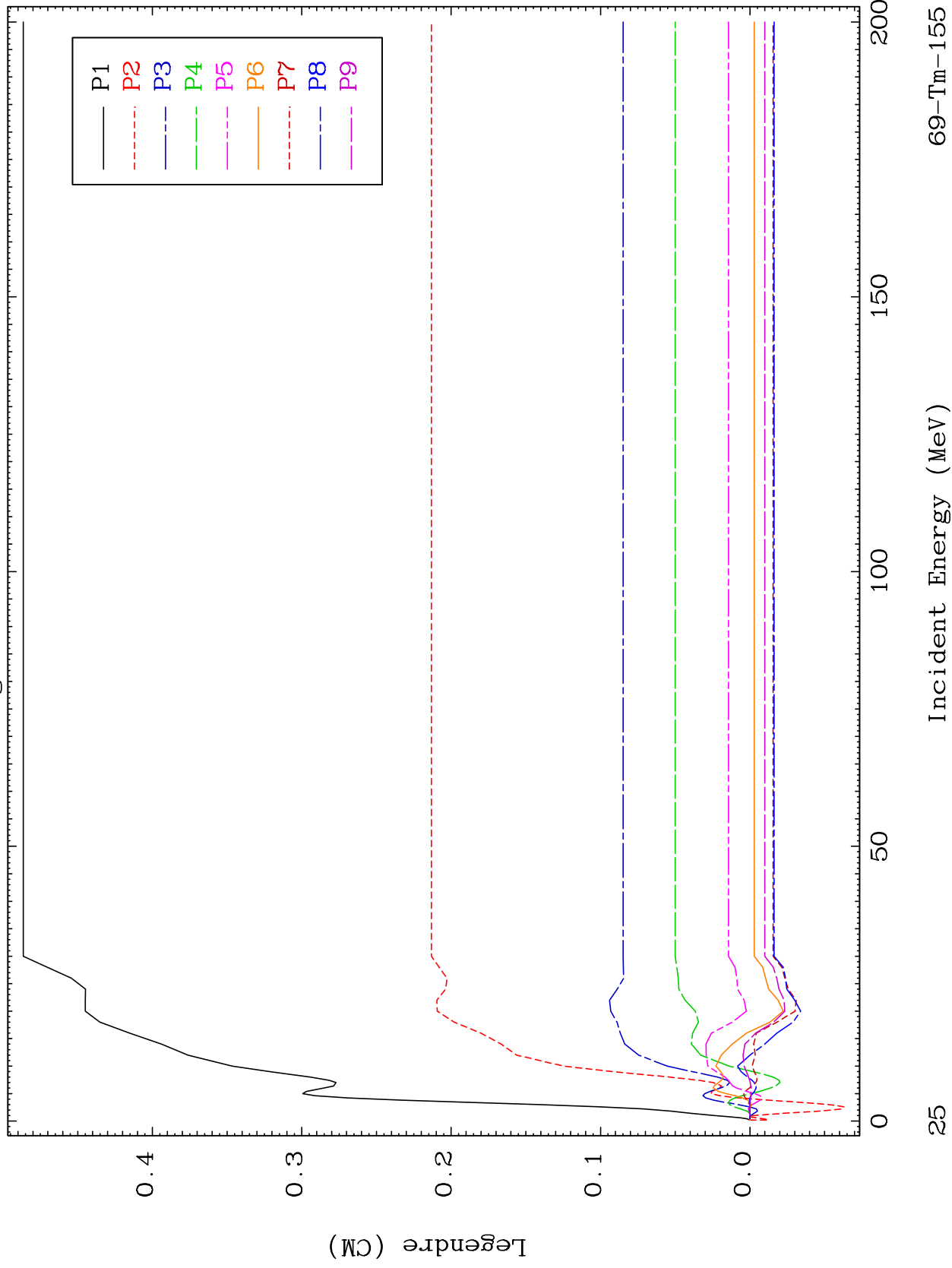




MAT 6883

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

69-Tm-155



69-Tm-155

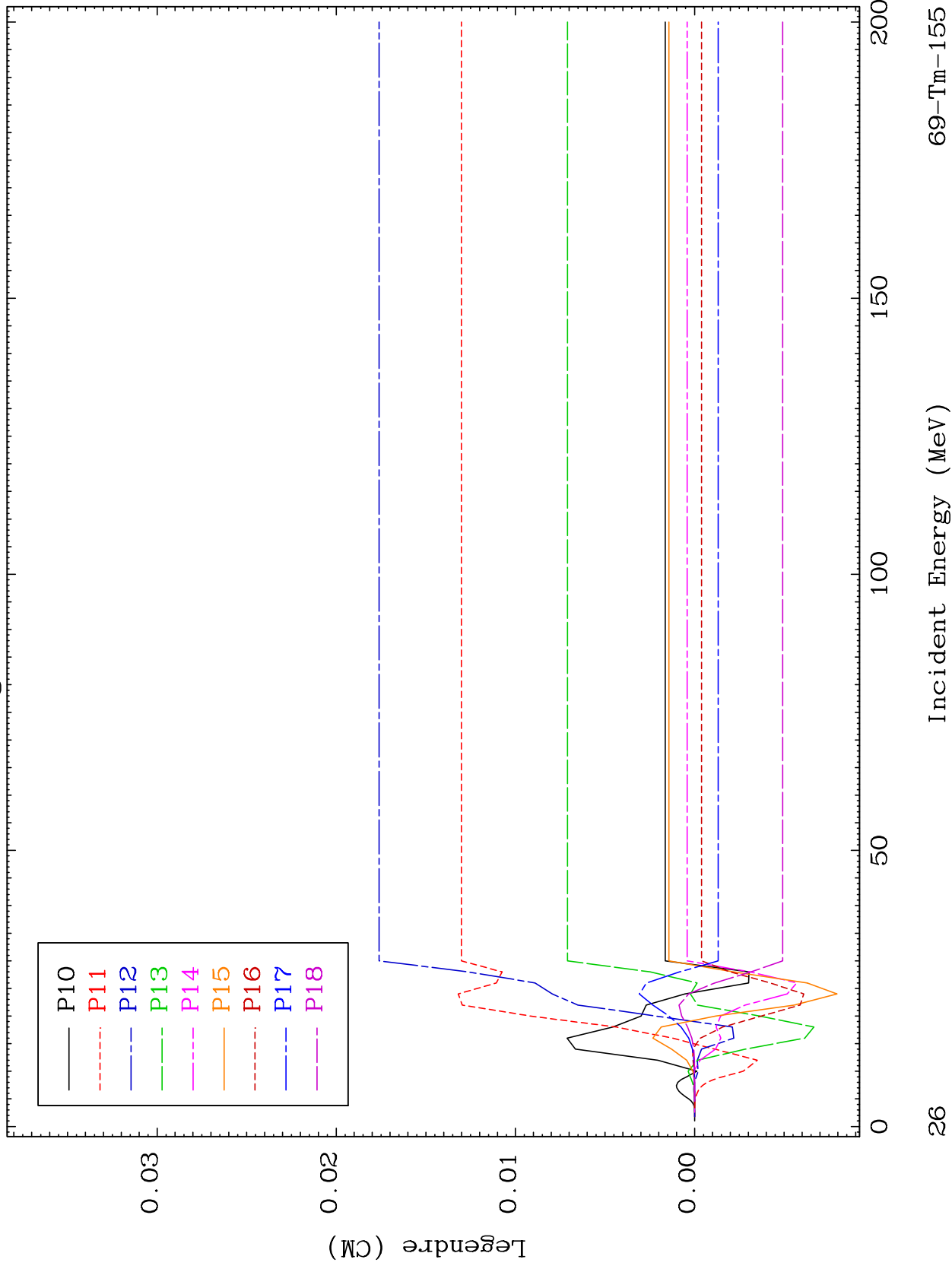
Incident Energy (MeV)

25

MAT 6883

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

69-Tm-155



26

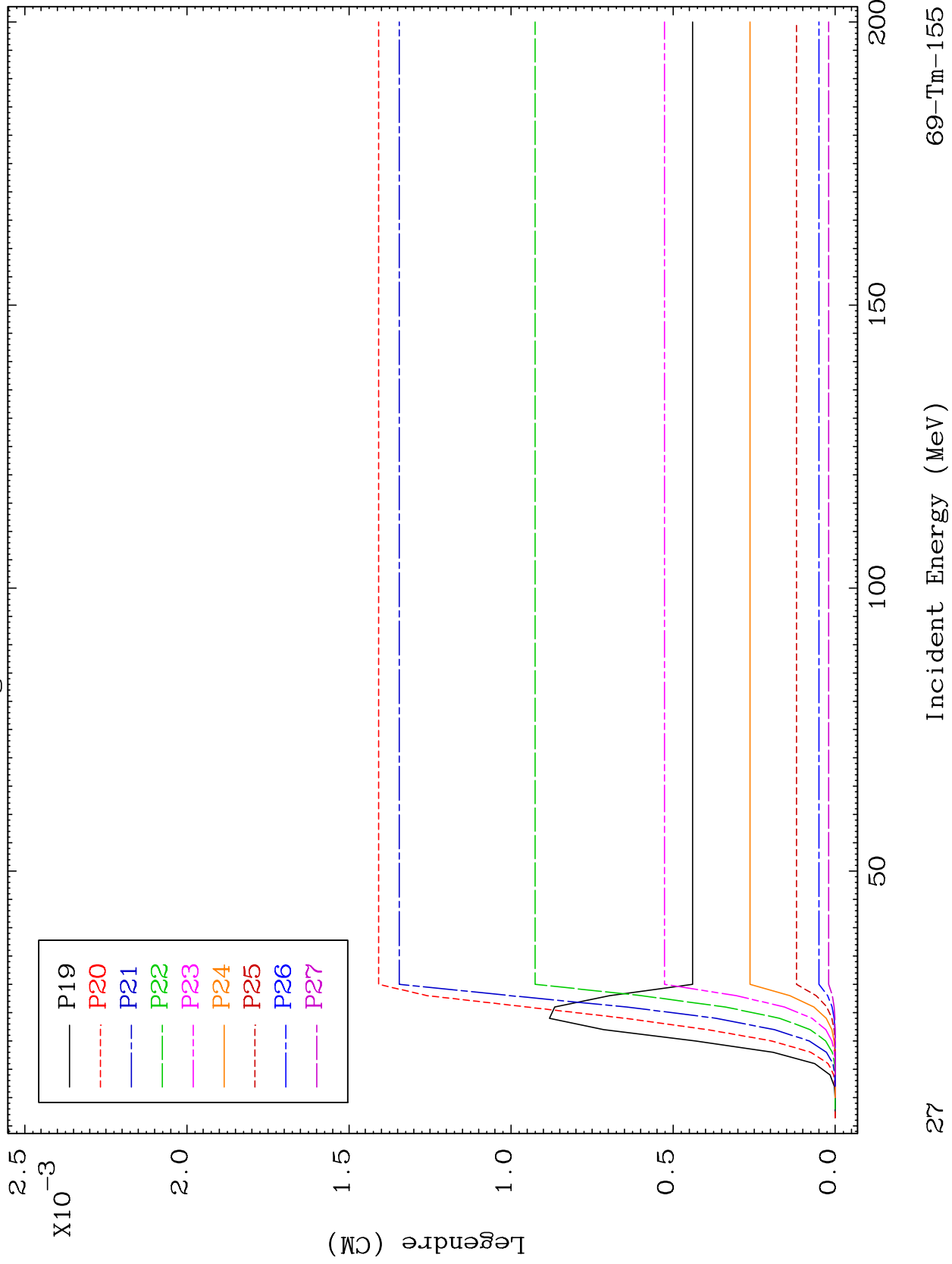
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

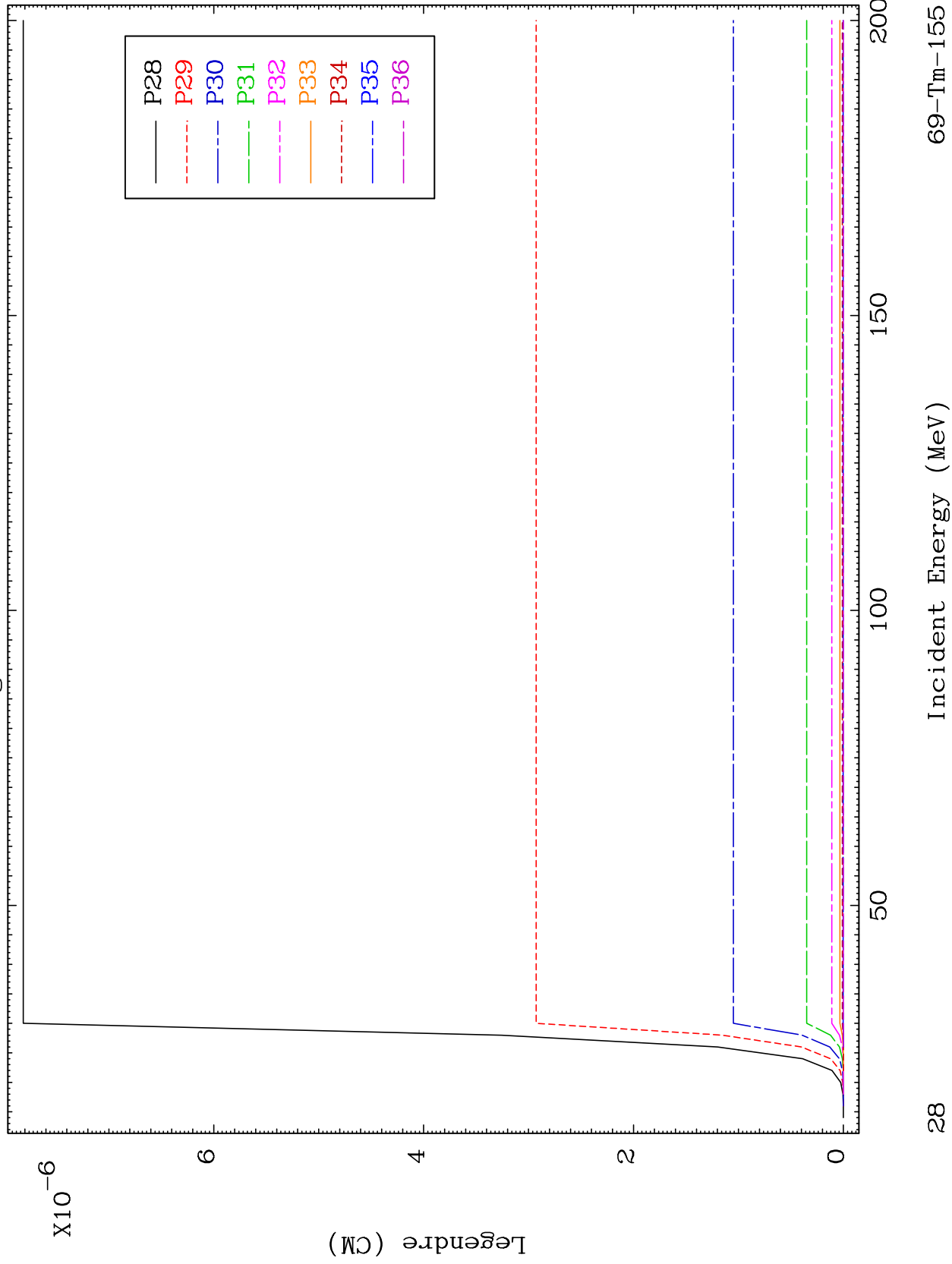
69-Tm-155



MAT 6883

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

69-Tm-155



28

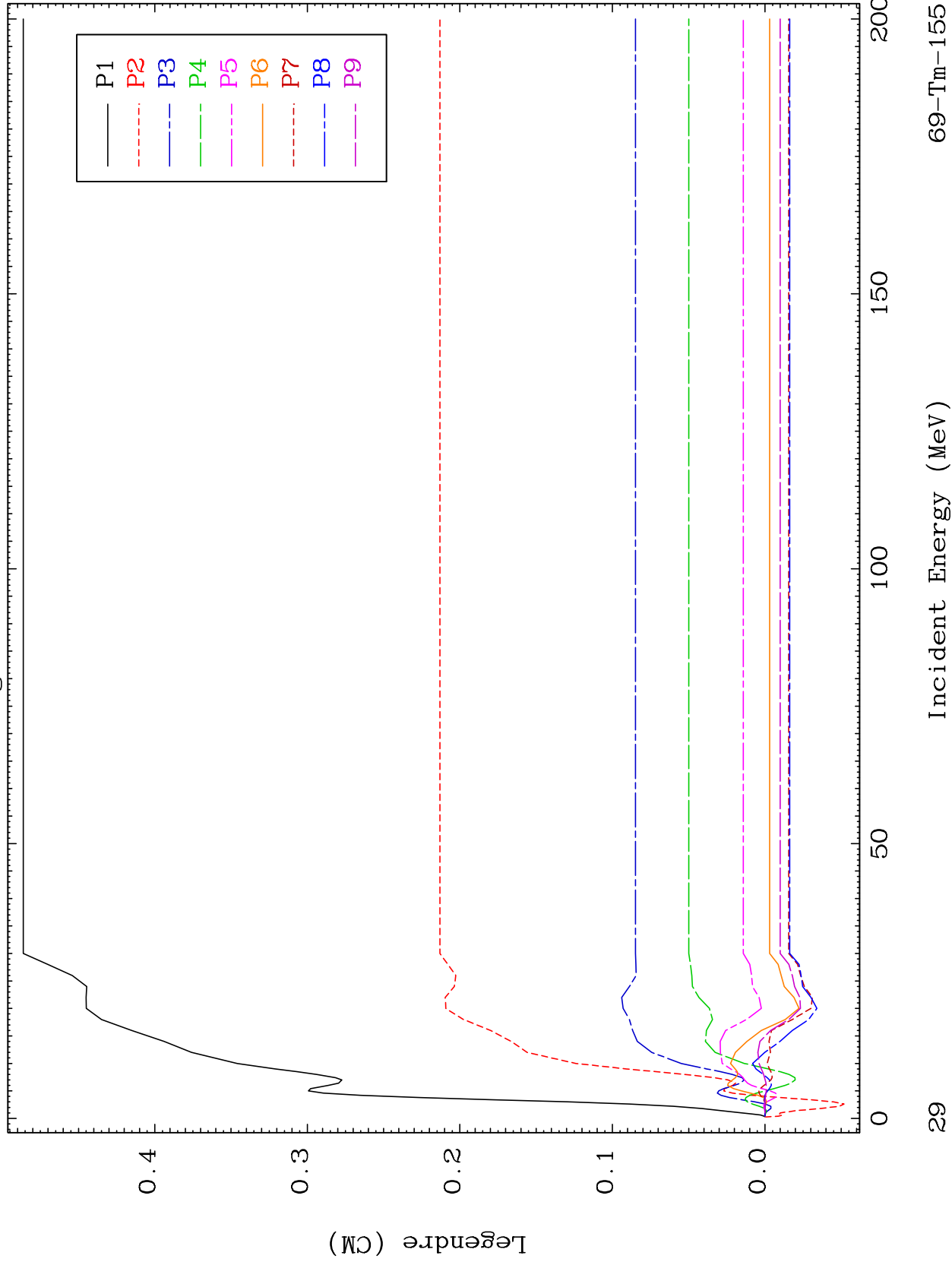
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



29

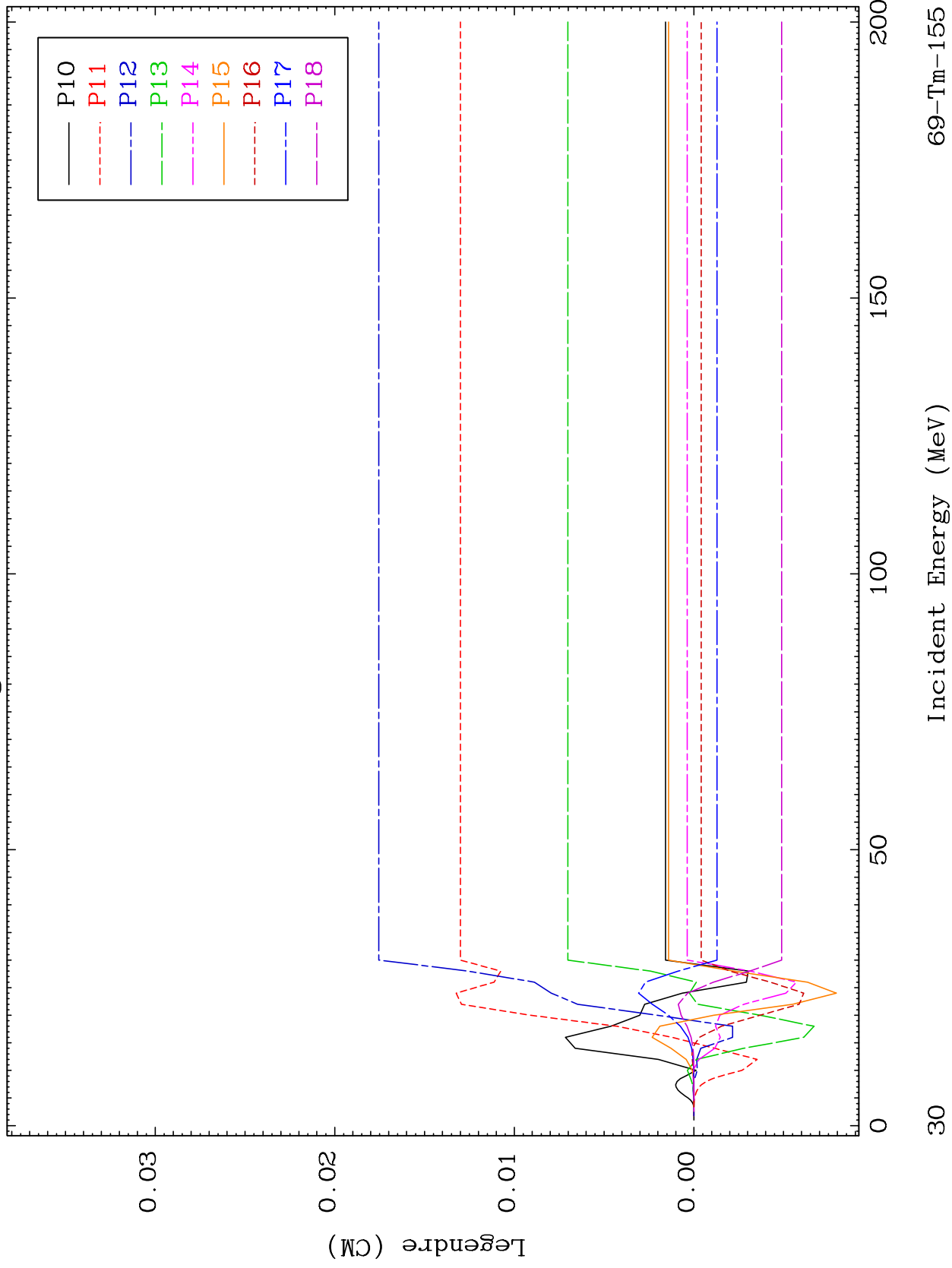
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



69-Tm-155

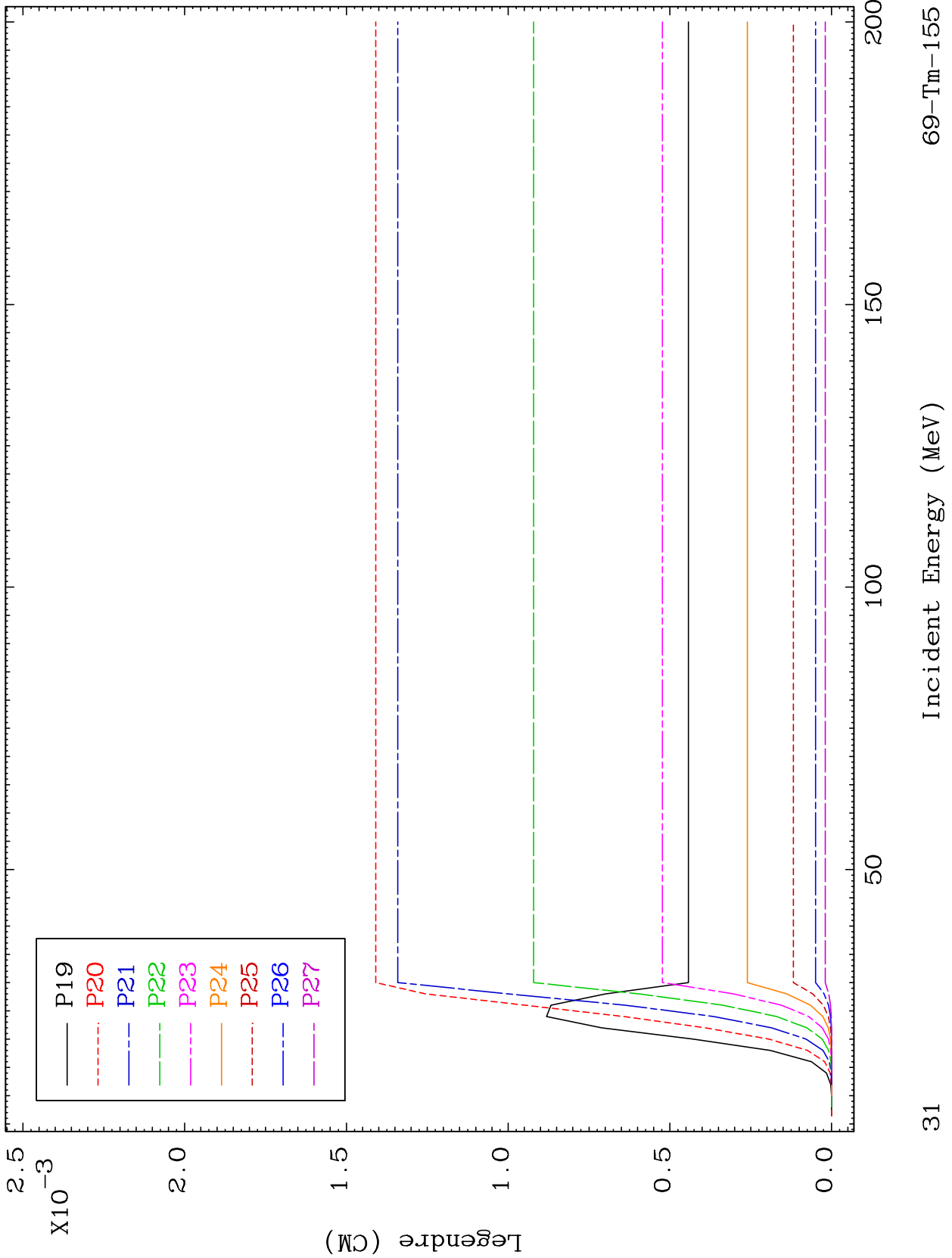
Incident Energy (MeV)

30

MAT 6883

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

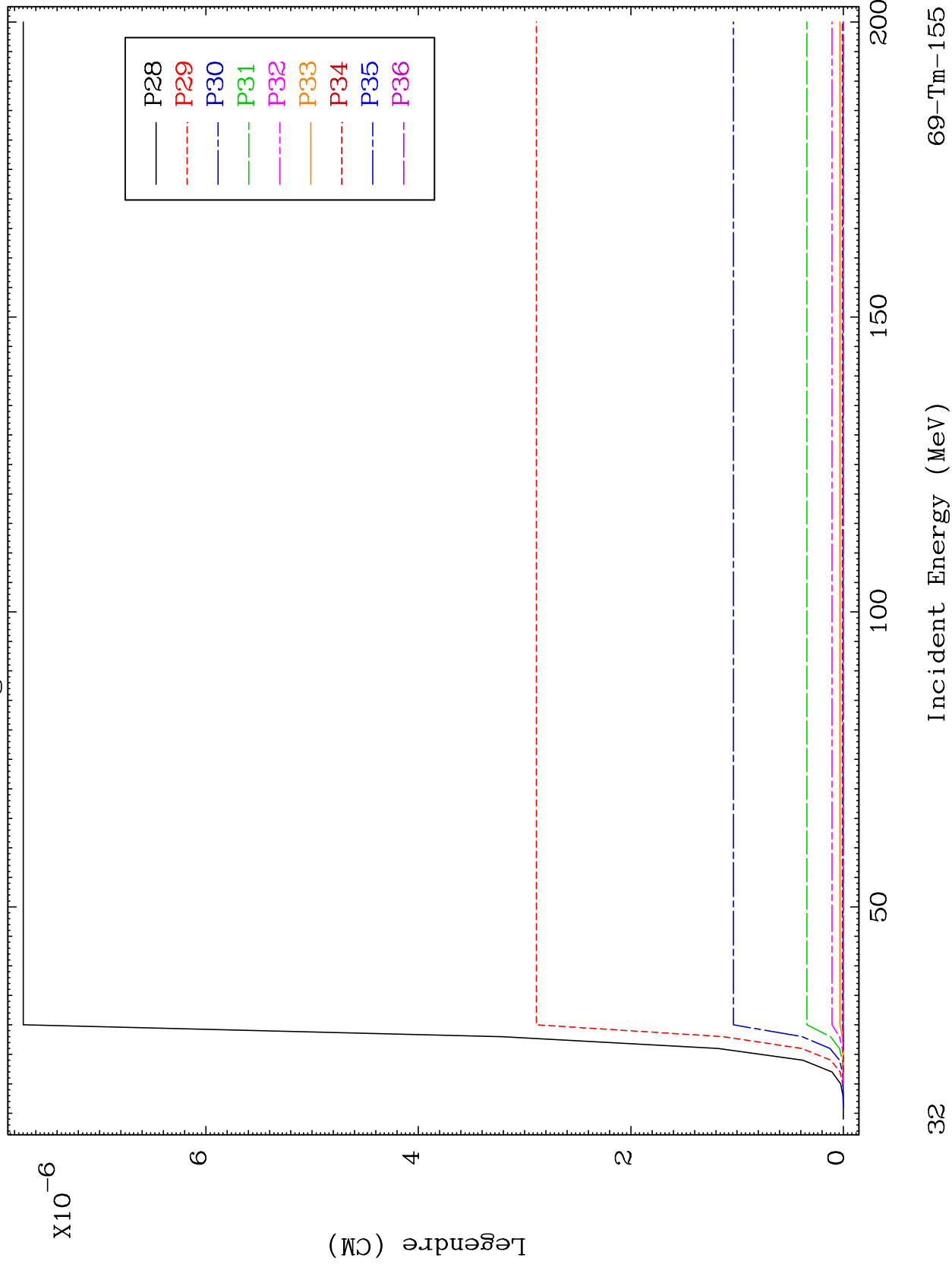
69-Tm-155



MAT 6883

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

69-Tm-155



32

Incident Energy (MeV)

69-Tm-155

200

150

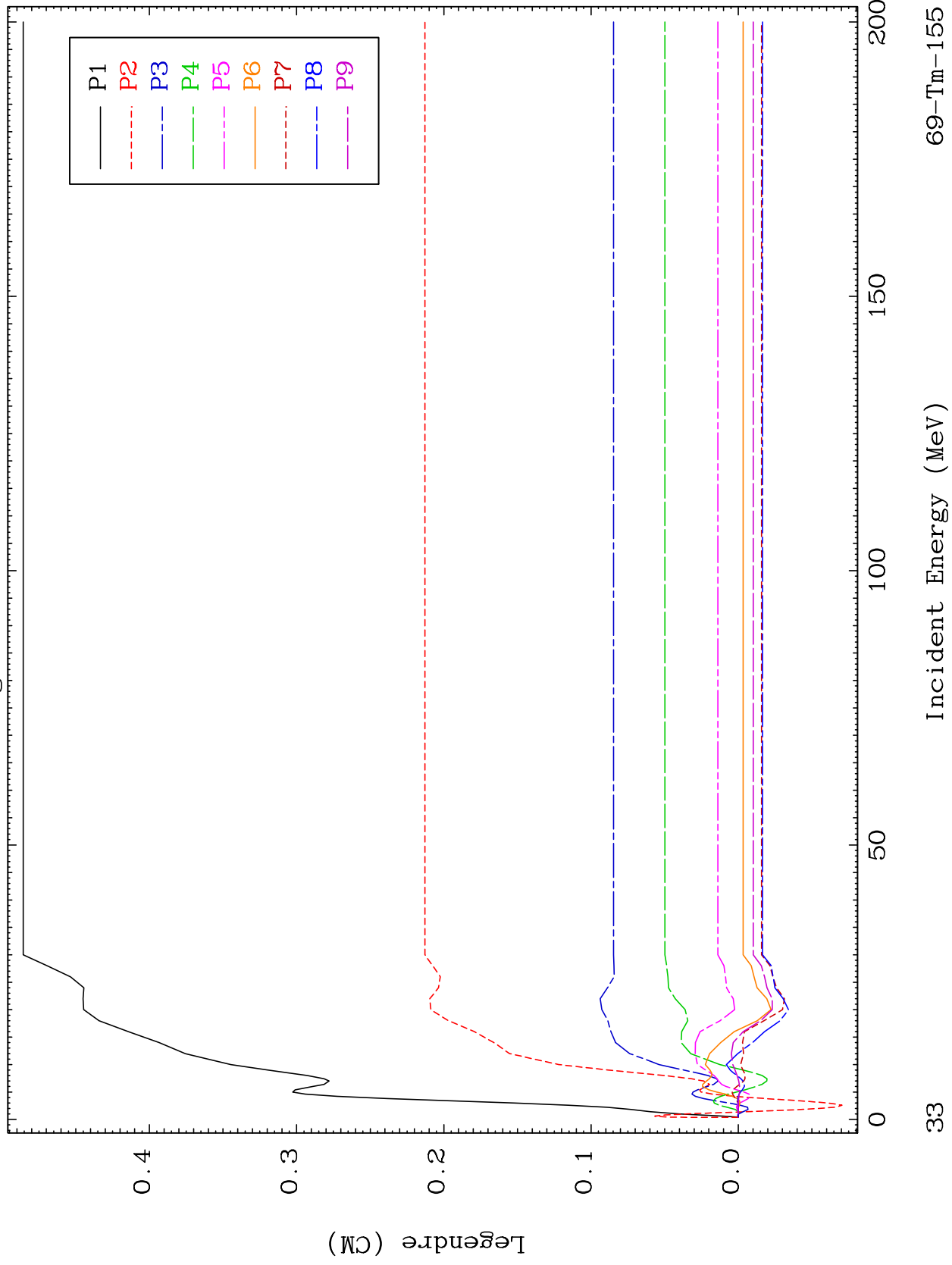
100

50

MAT 6883

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

69-Tm-155



33

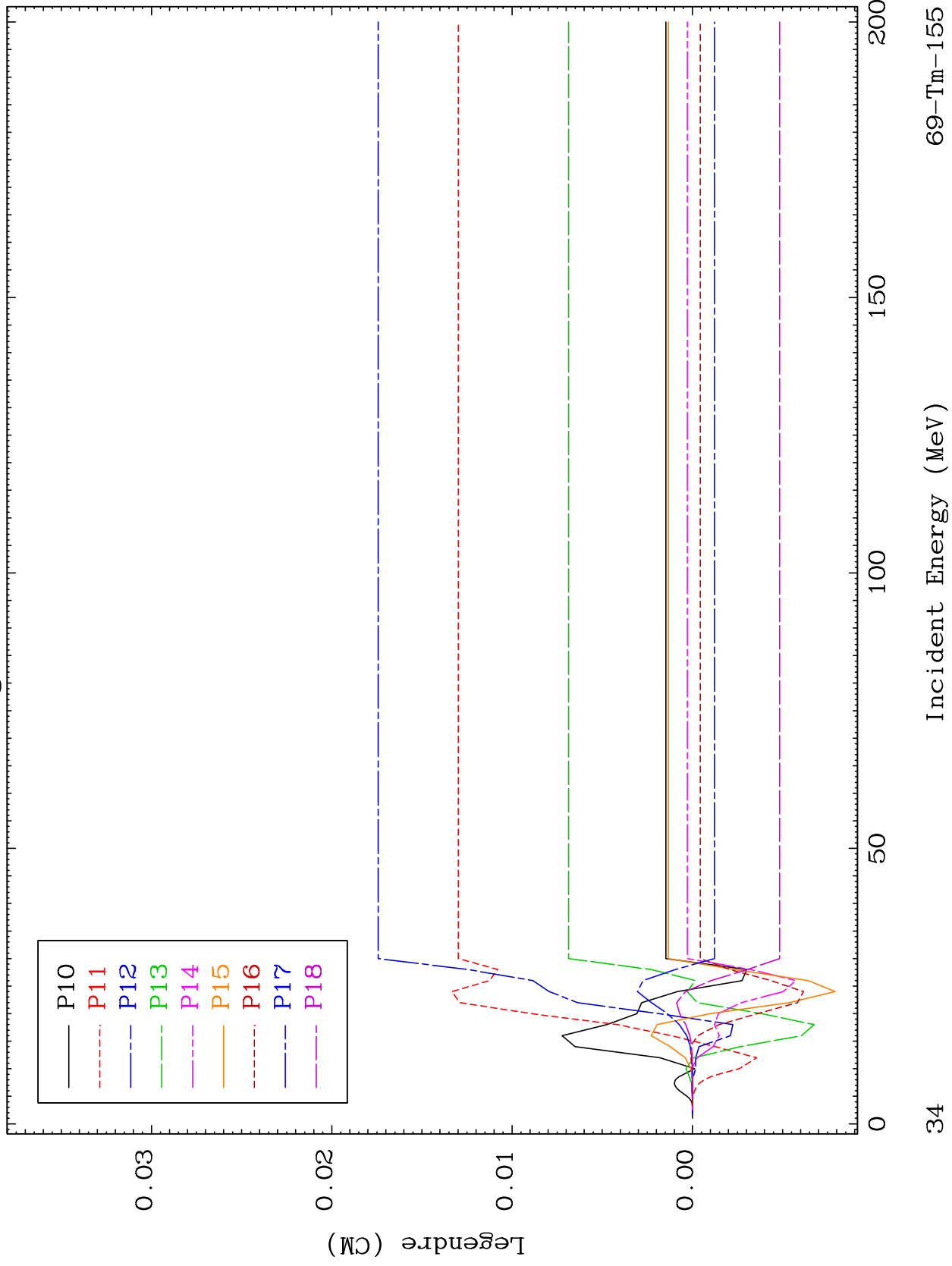
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



34

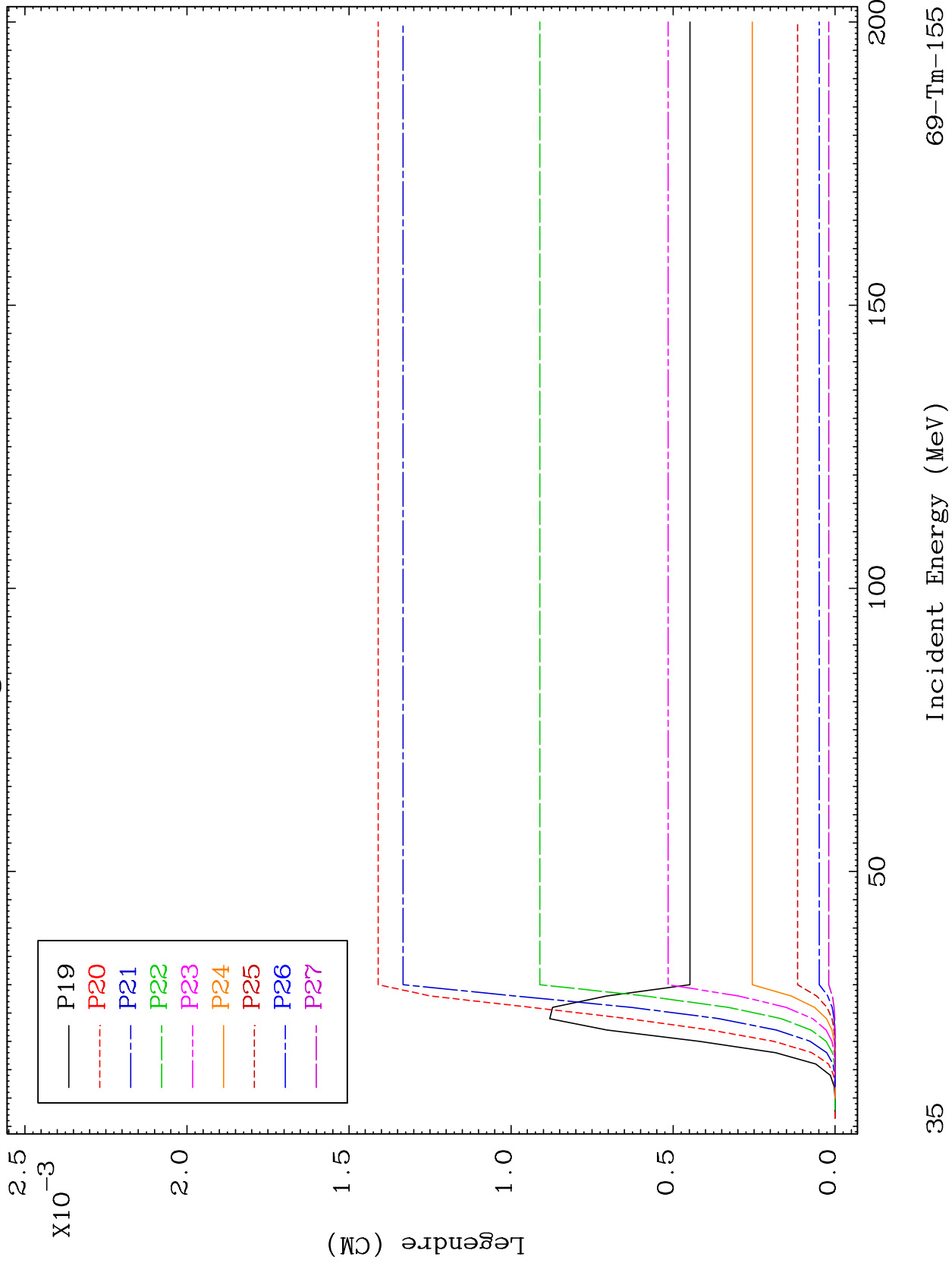
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



35

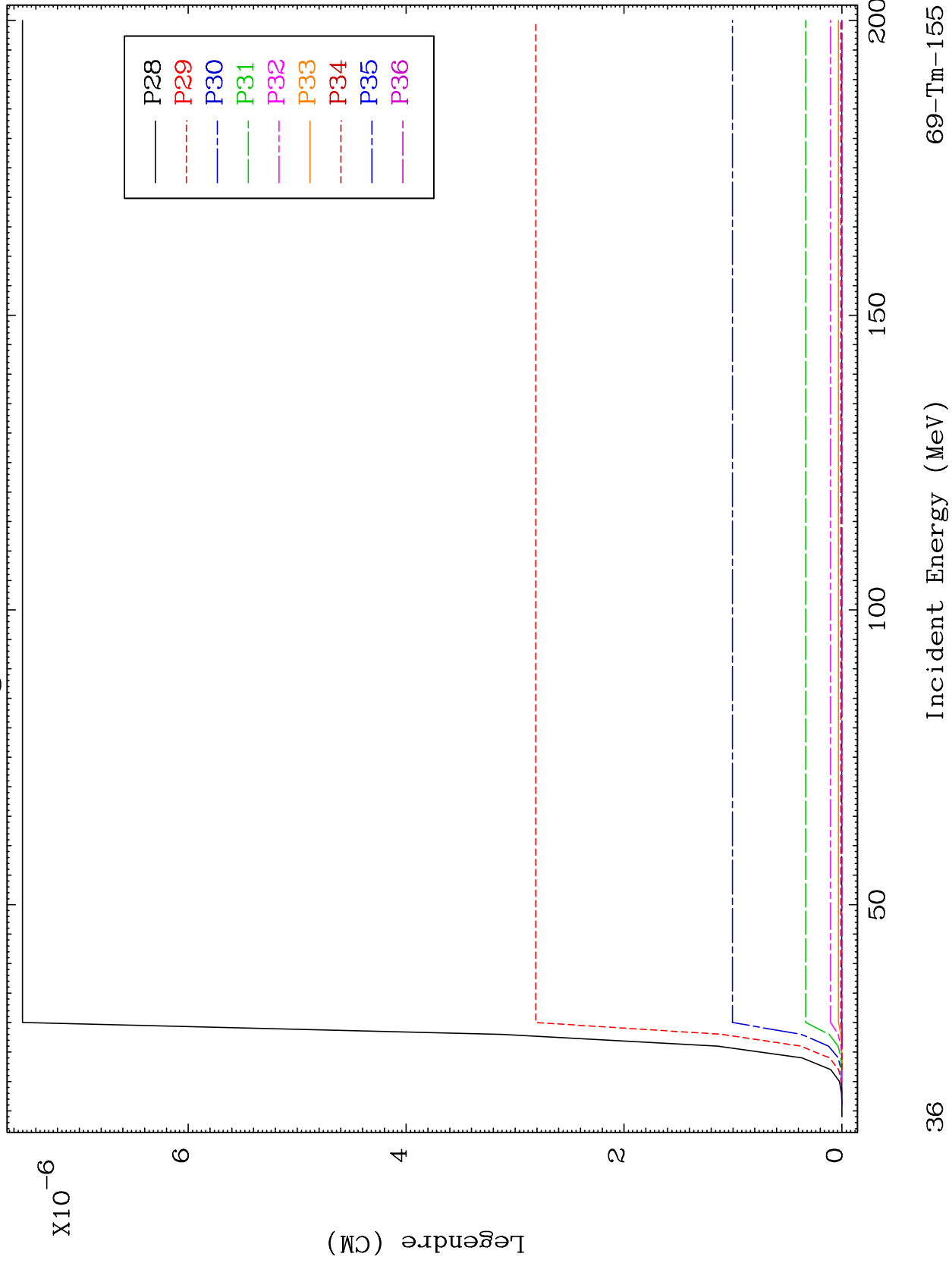
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



36

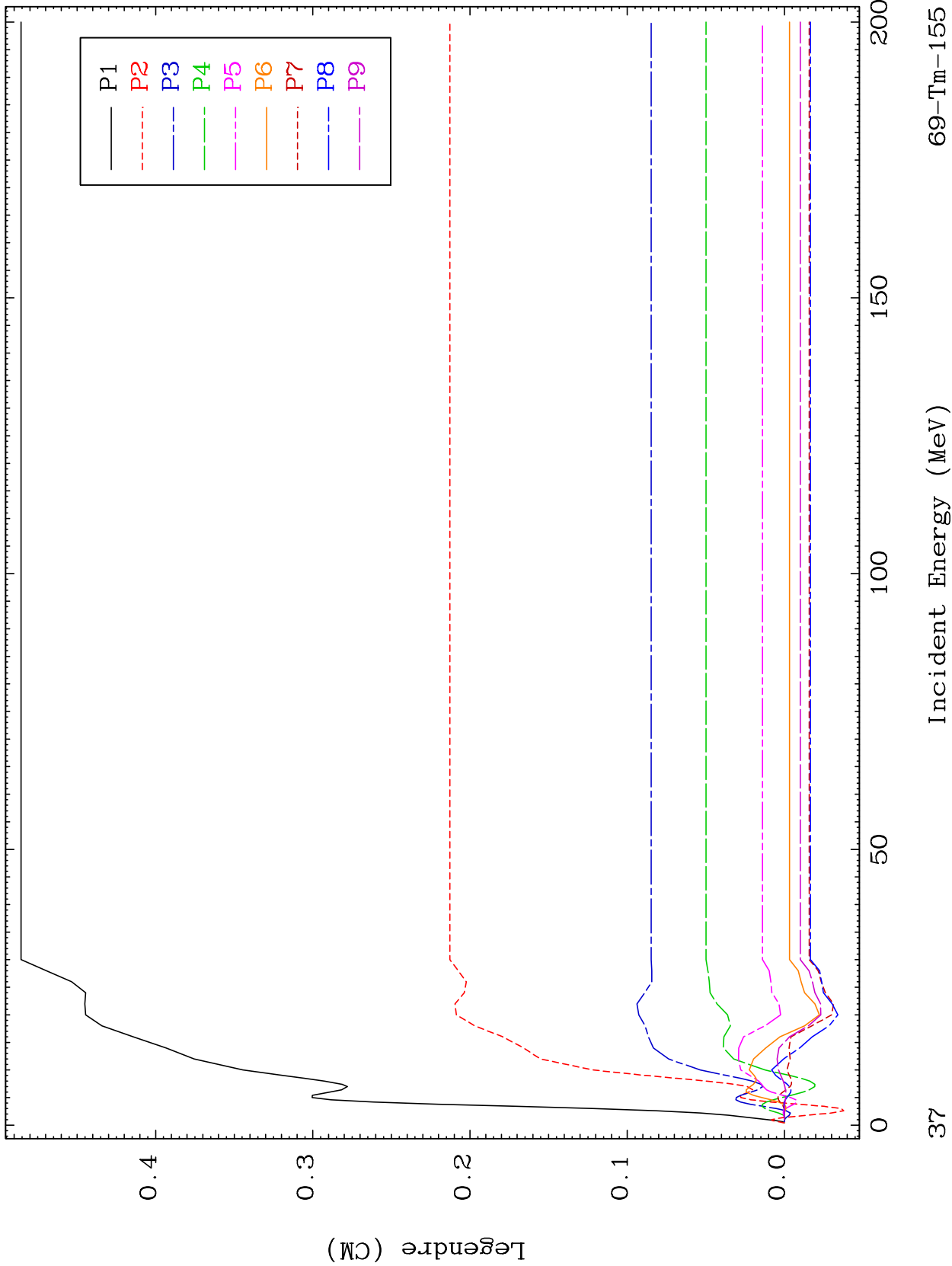
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



69-Tm-155

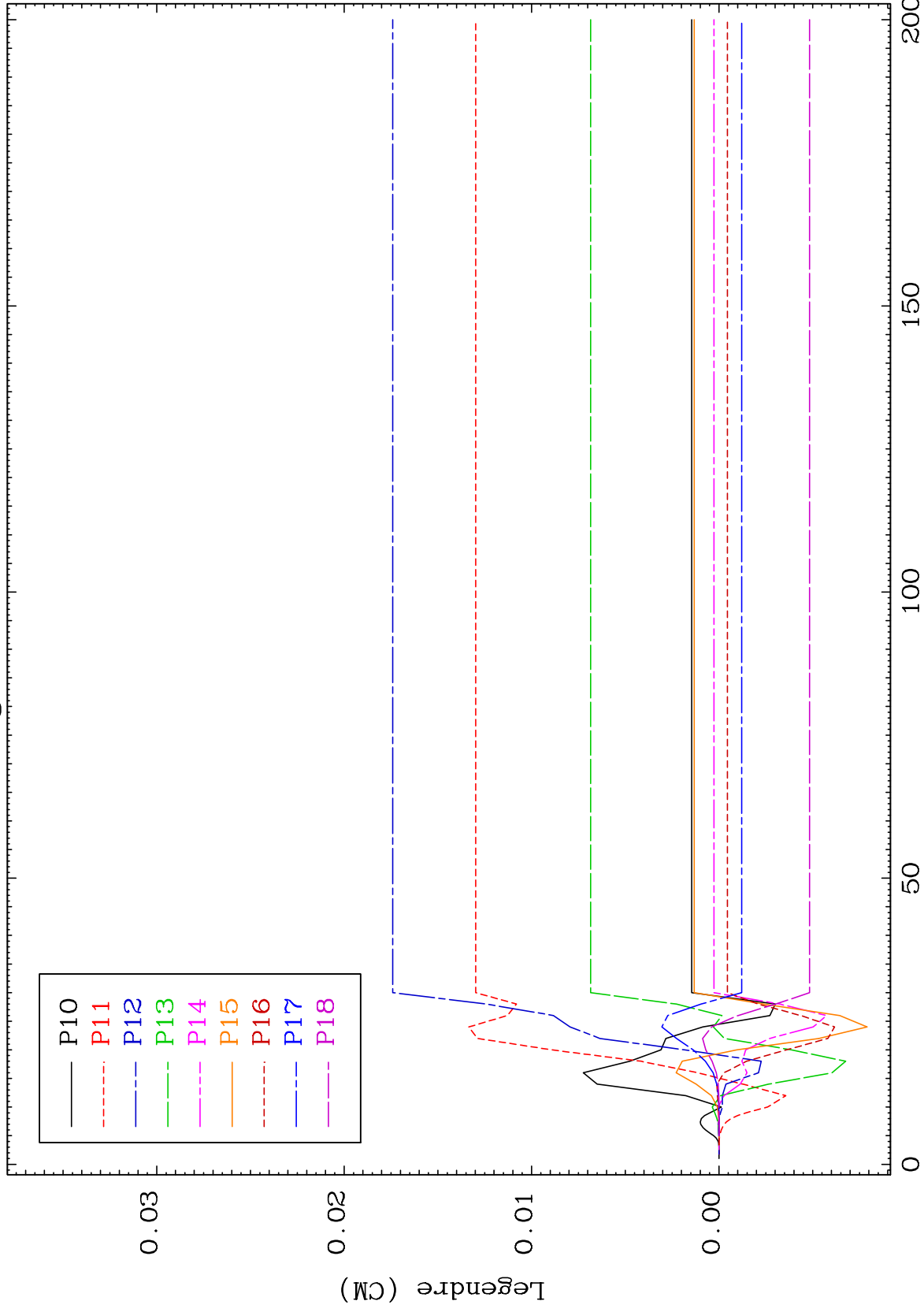
Incident Energy (MeV)

37

MAT 6883

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

69-Tm-155



38

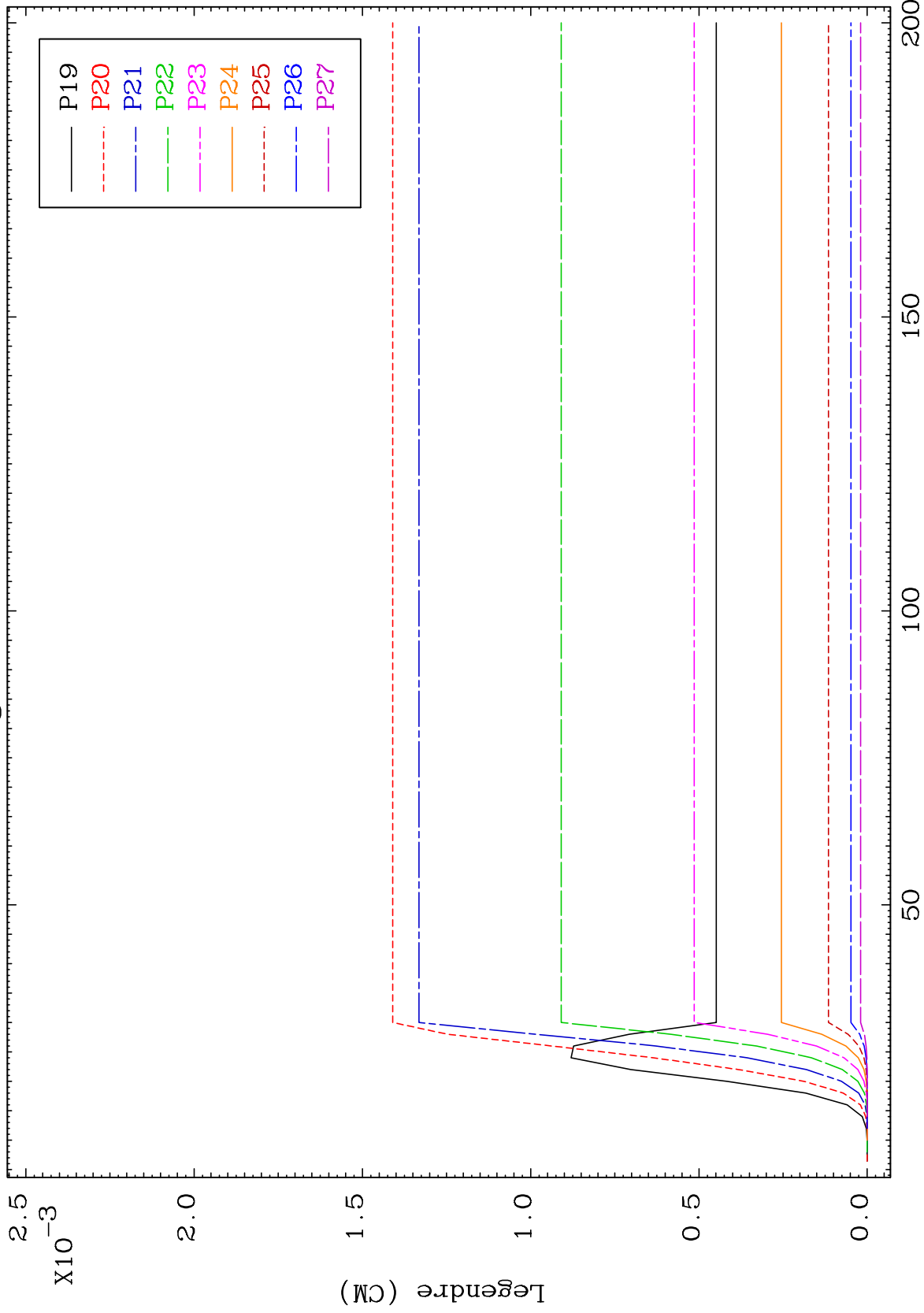
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



39

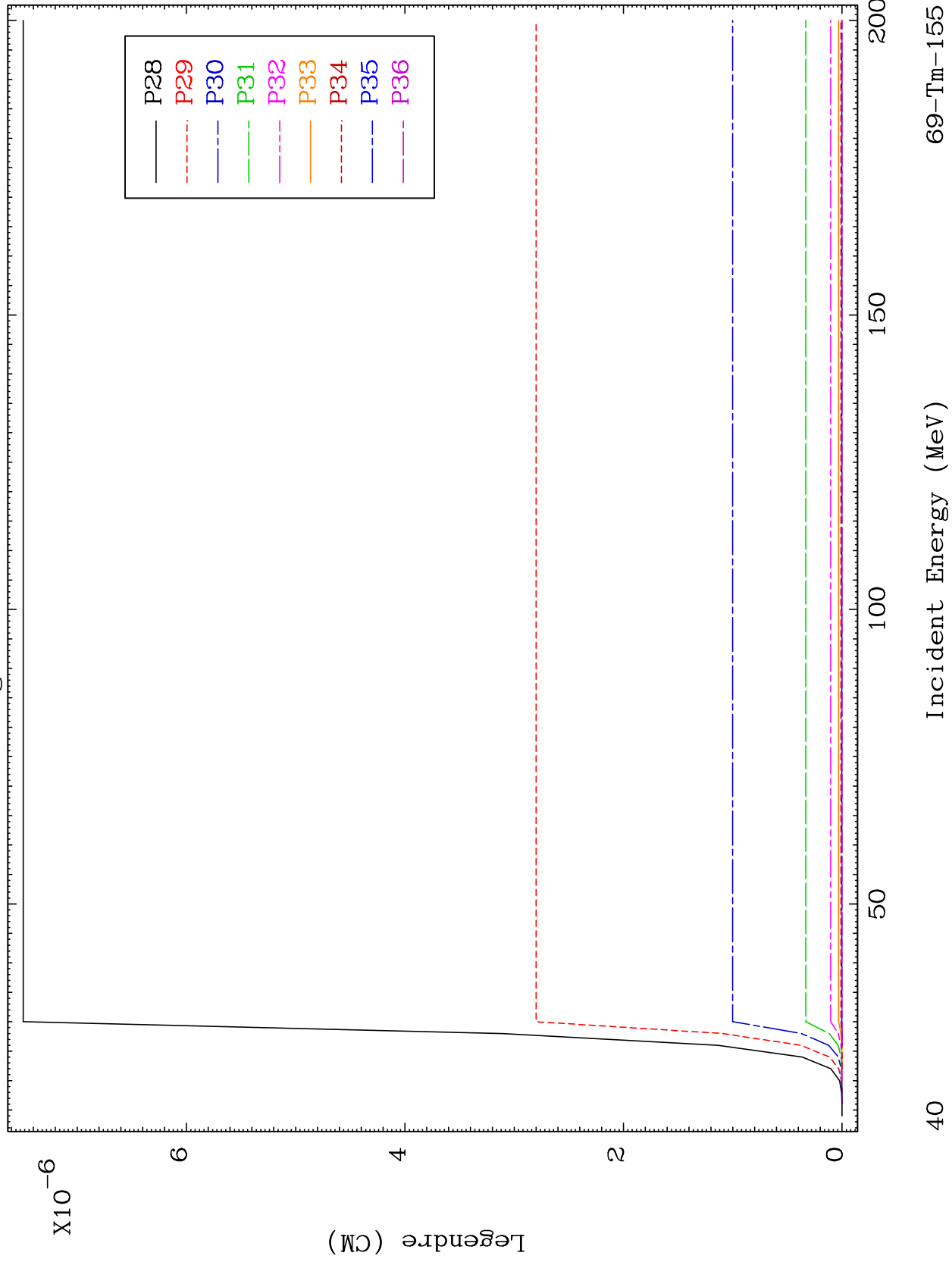
Incident Energy (MeV)

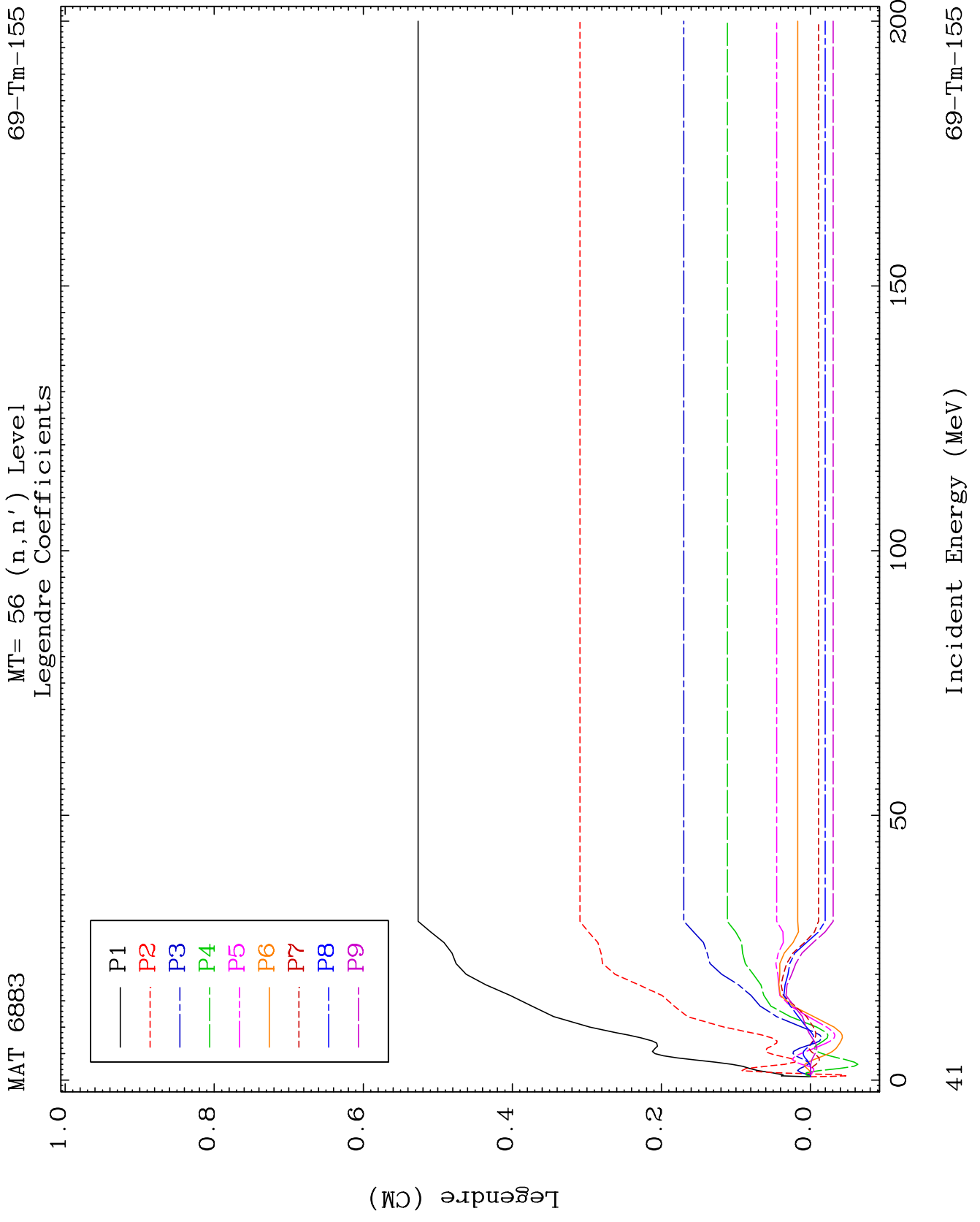
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MAT 6883

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

69-Tm-155

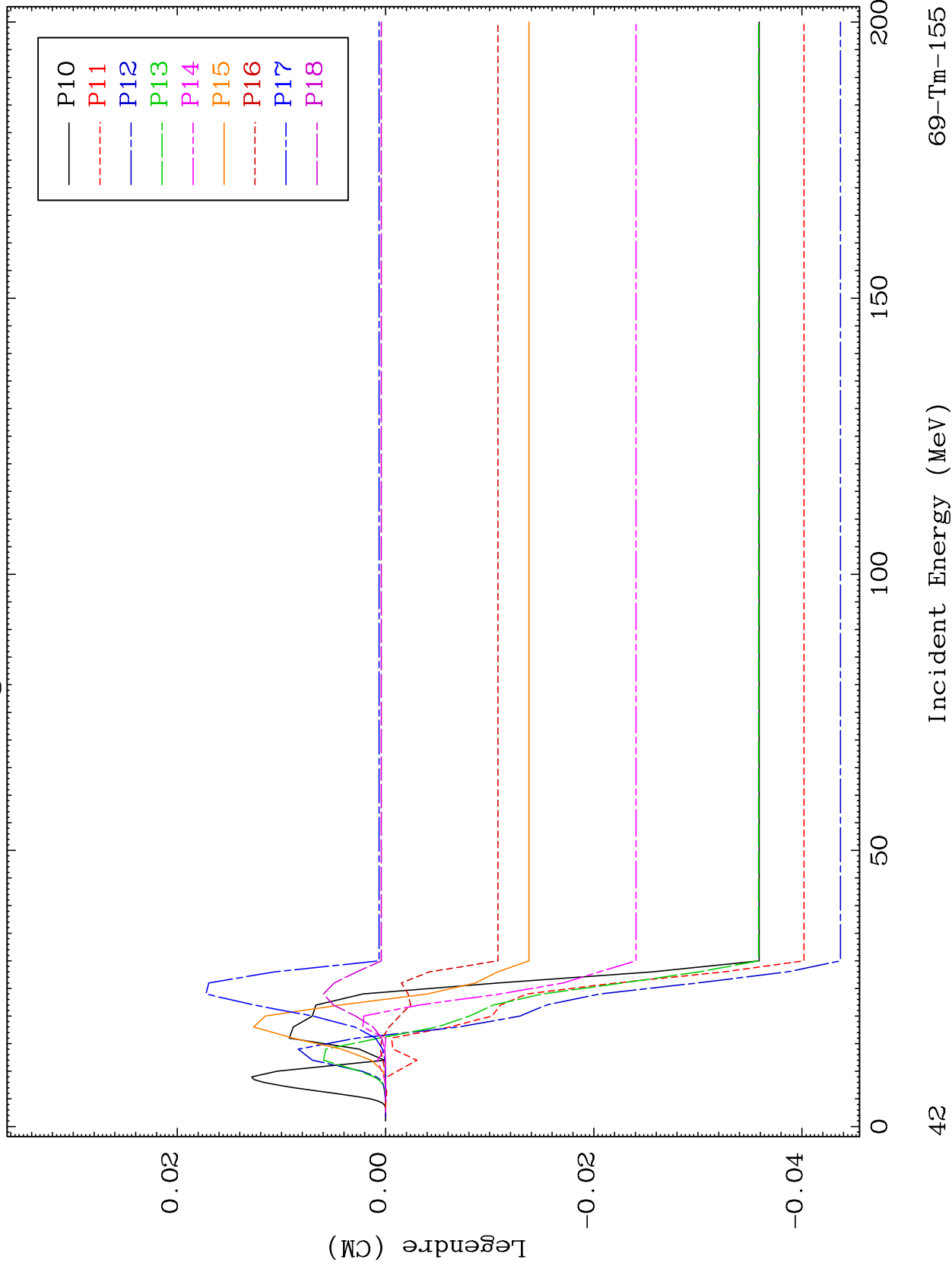




MAT 6883

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

69-Tm-155



42

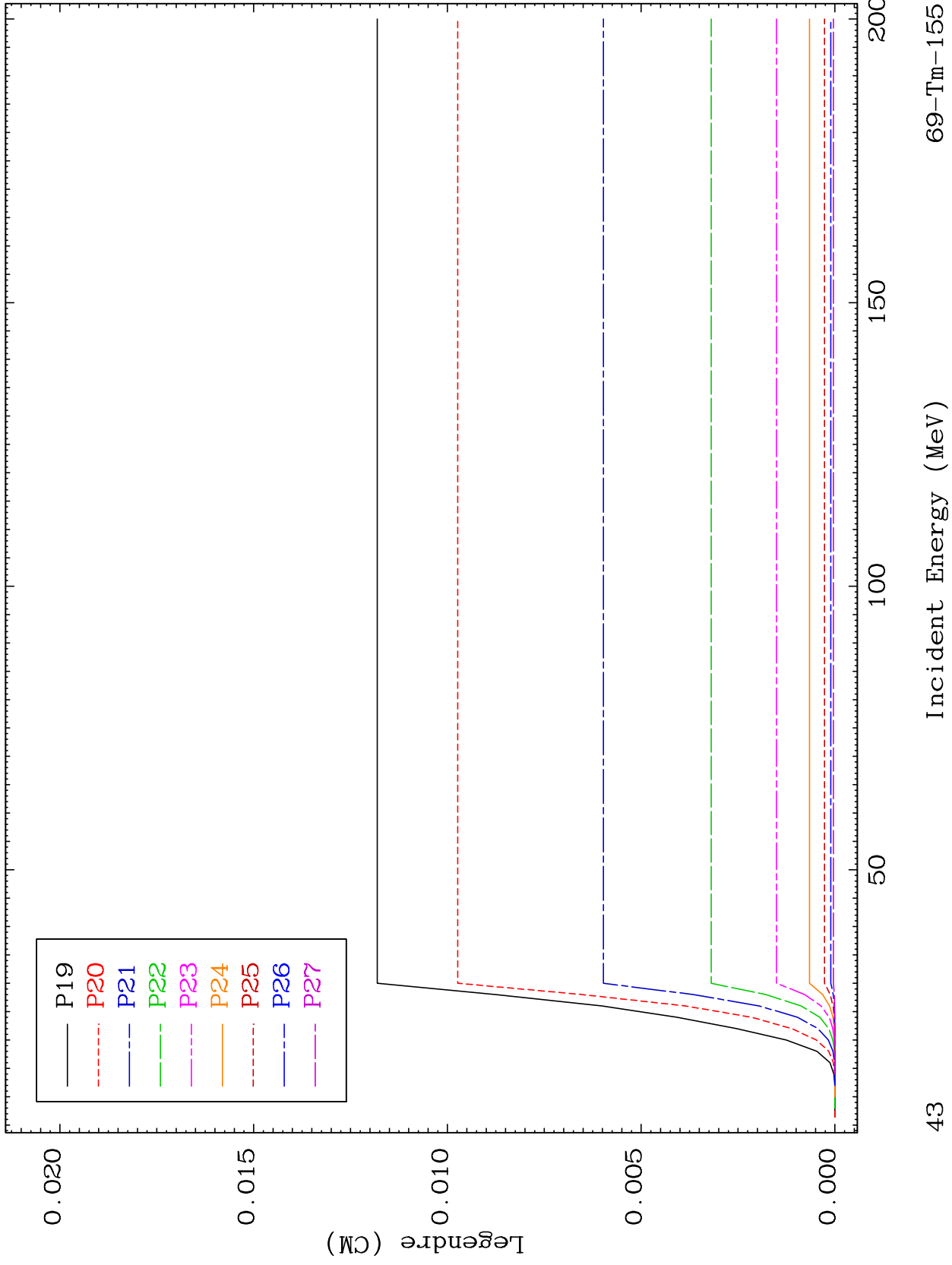
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



43

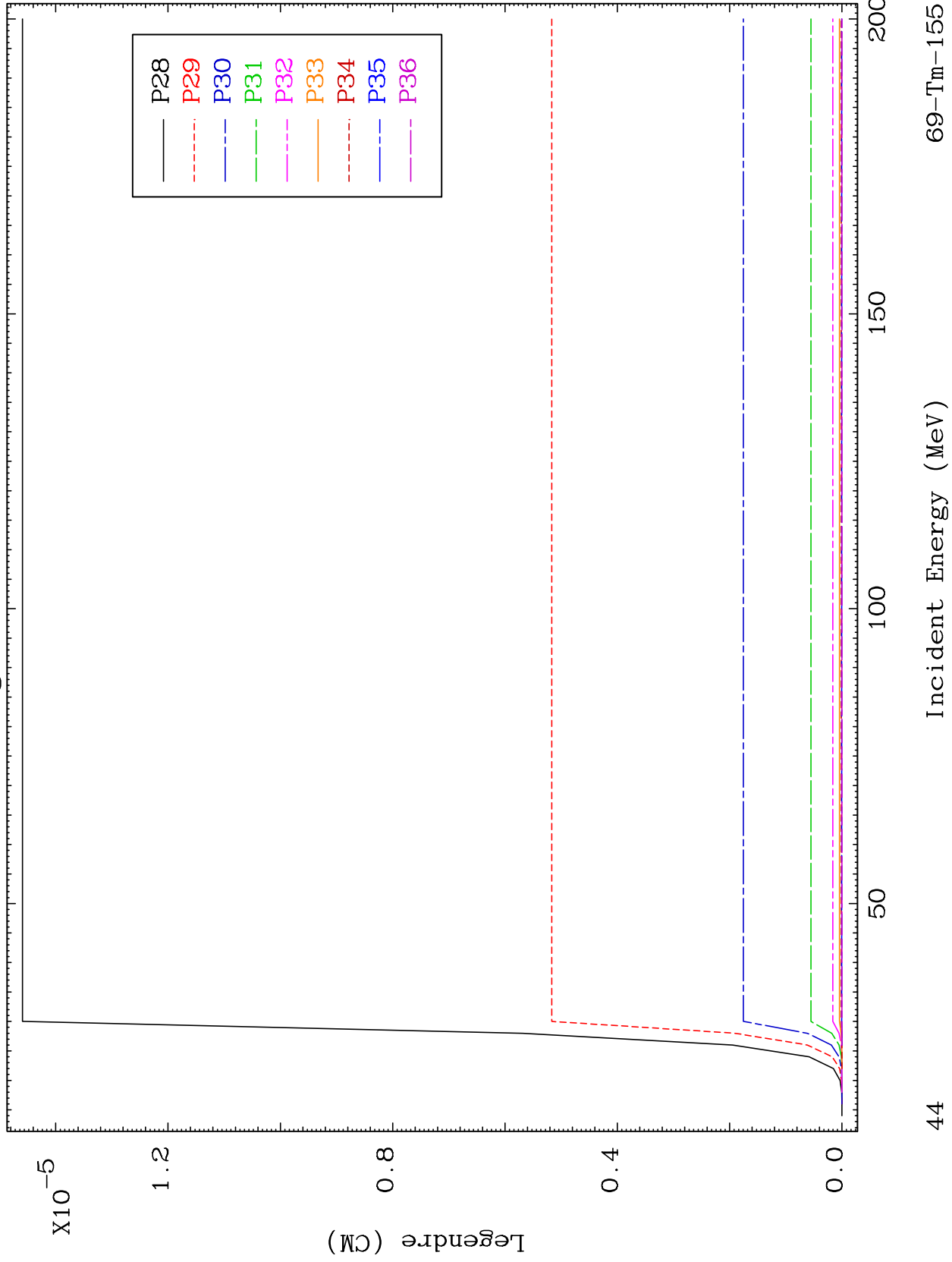
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

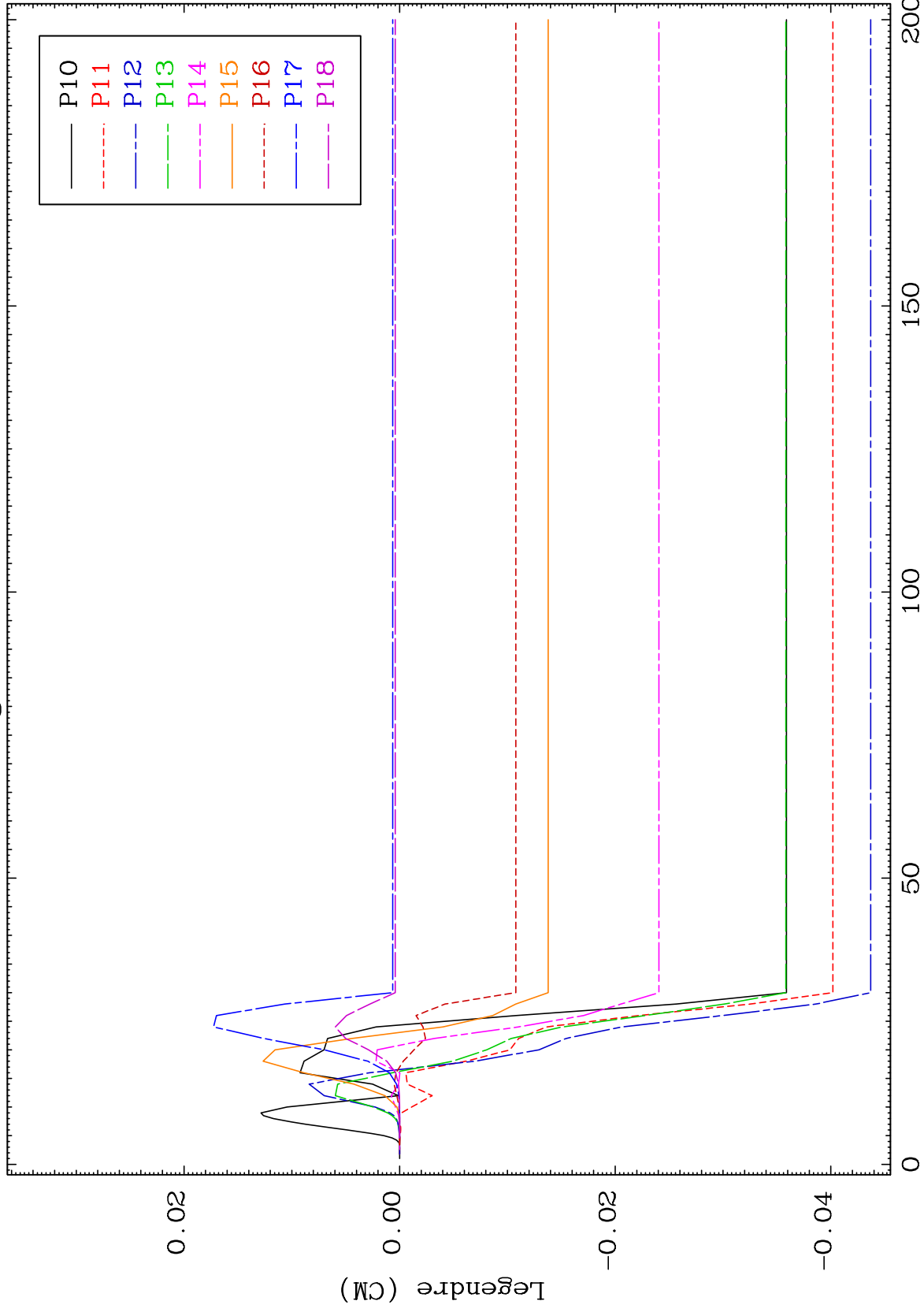
69-Tm-155



MAT 6883

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

69-Tm-155



46

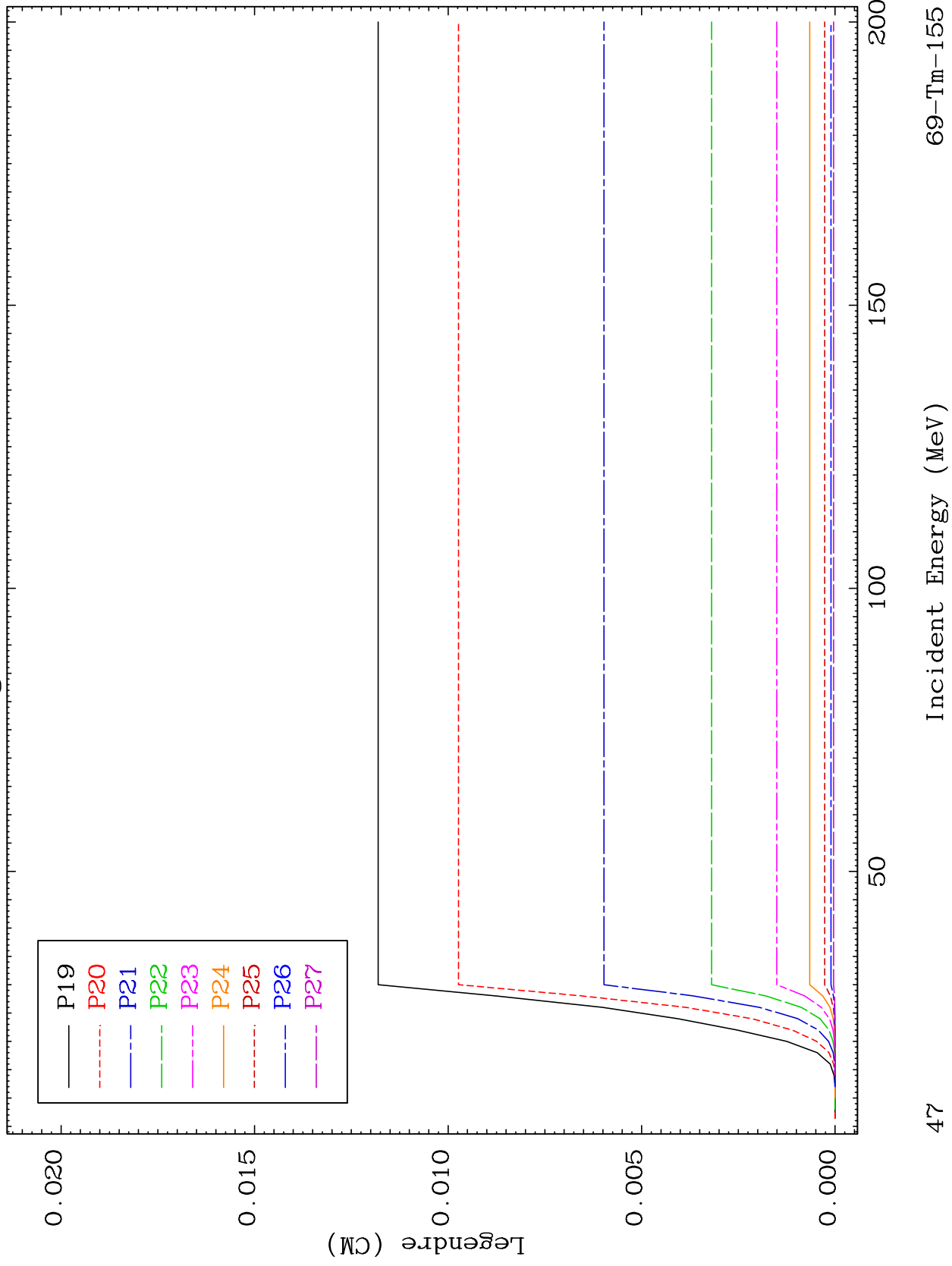
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



47

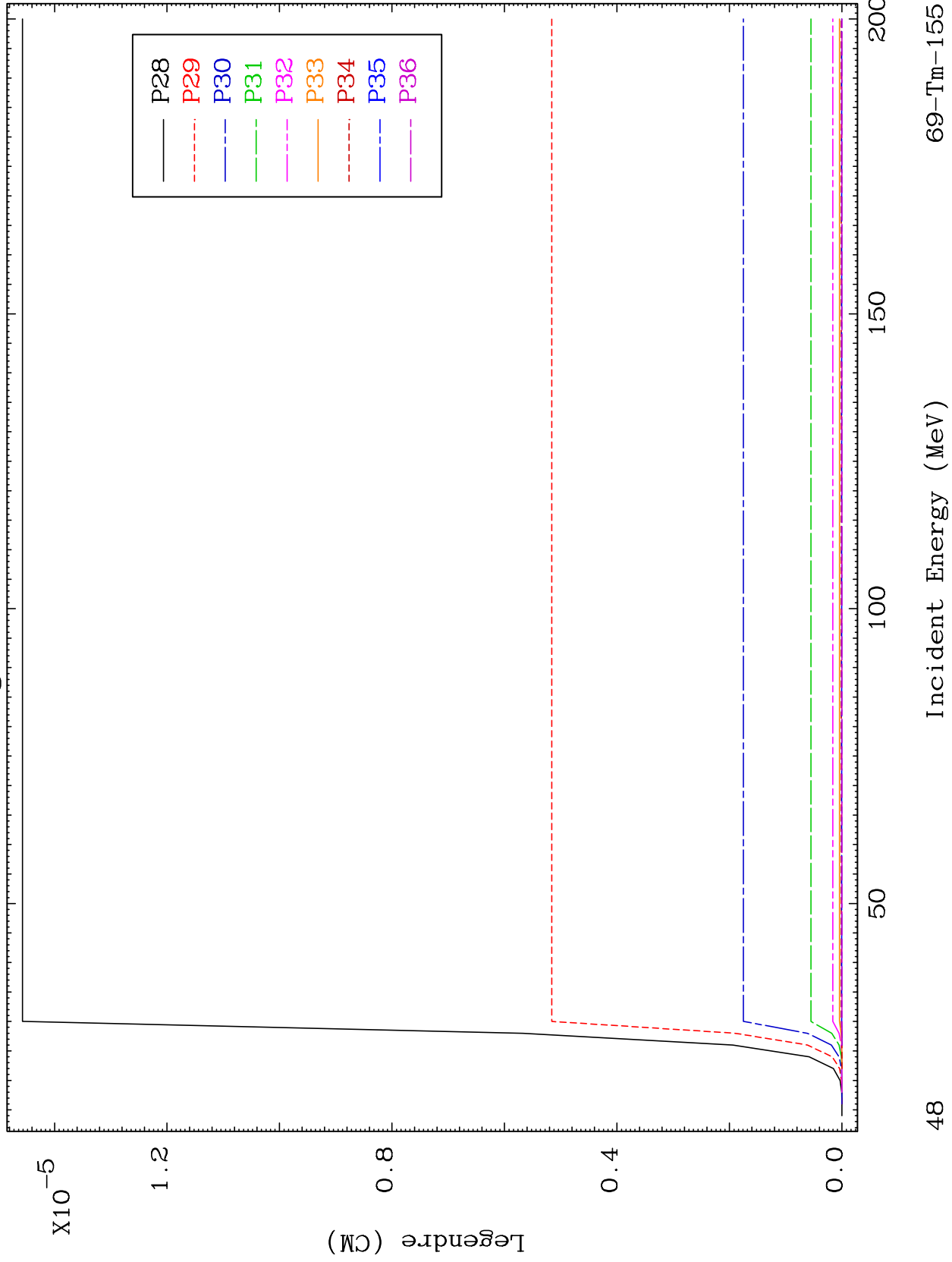
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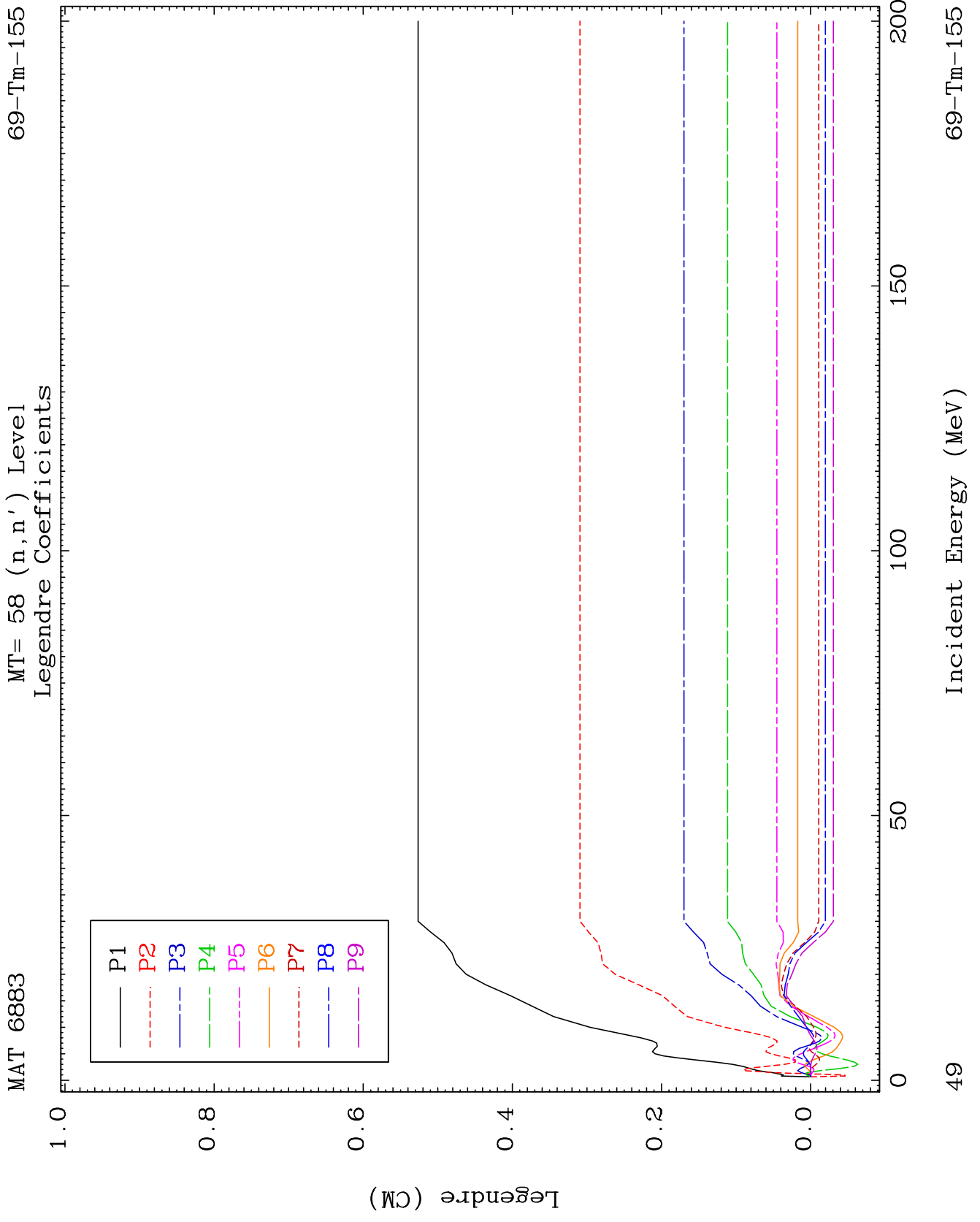
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MAT 6883

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

69-Tm-155

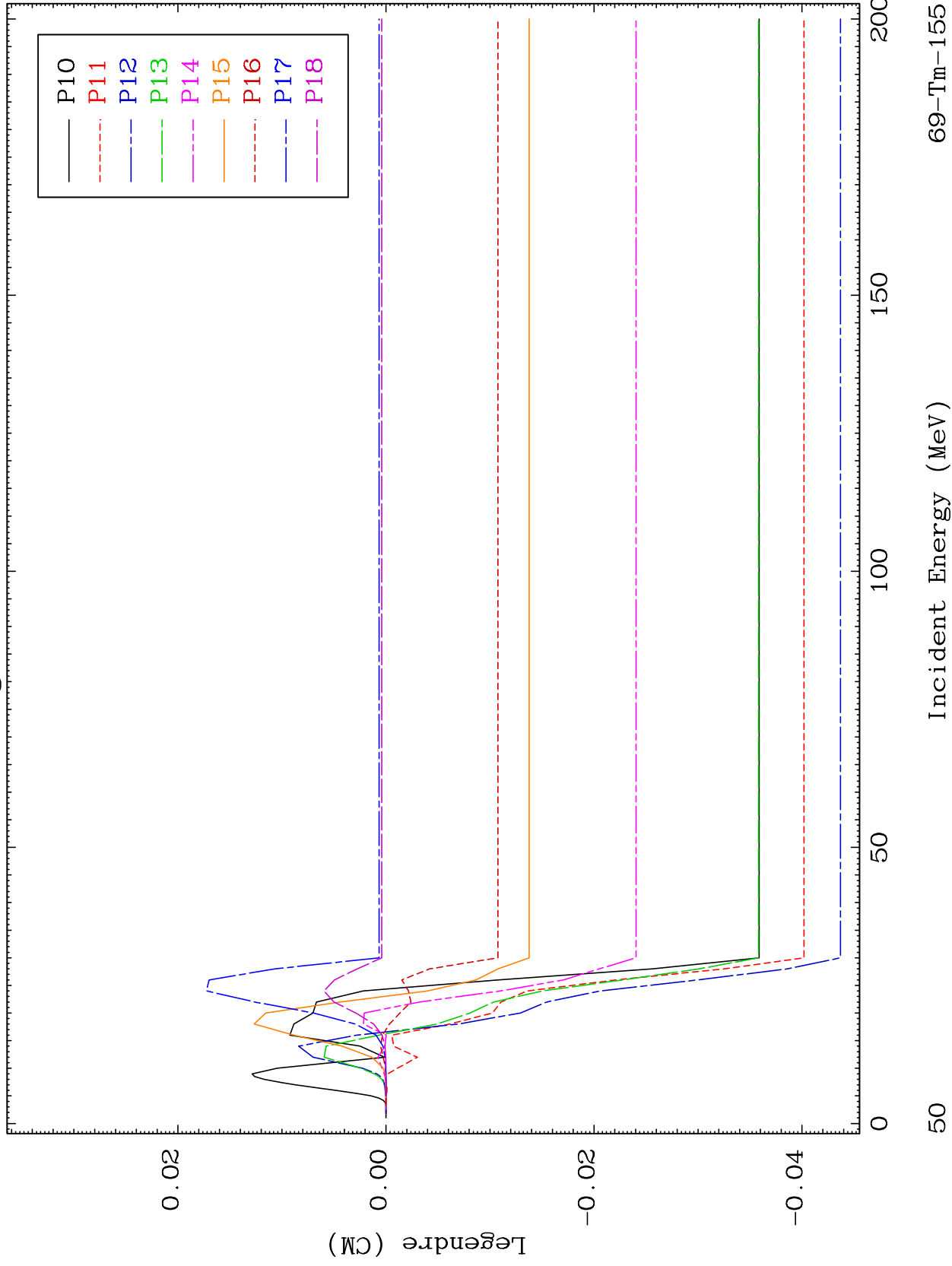




MAT 6883

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

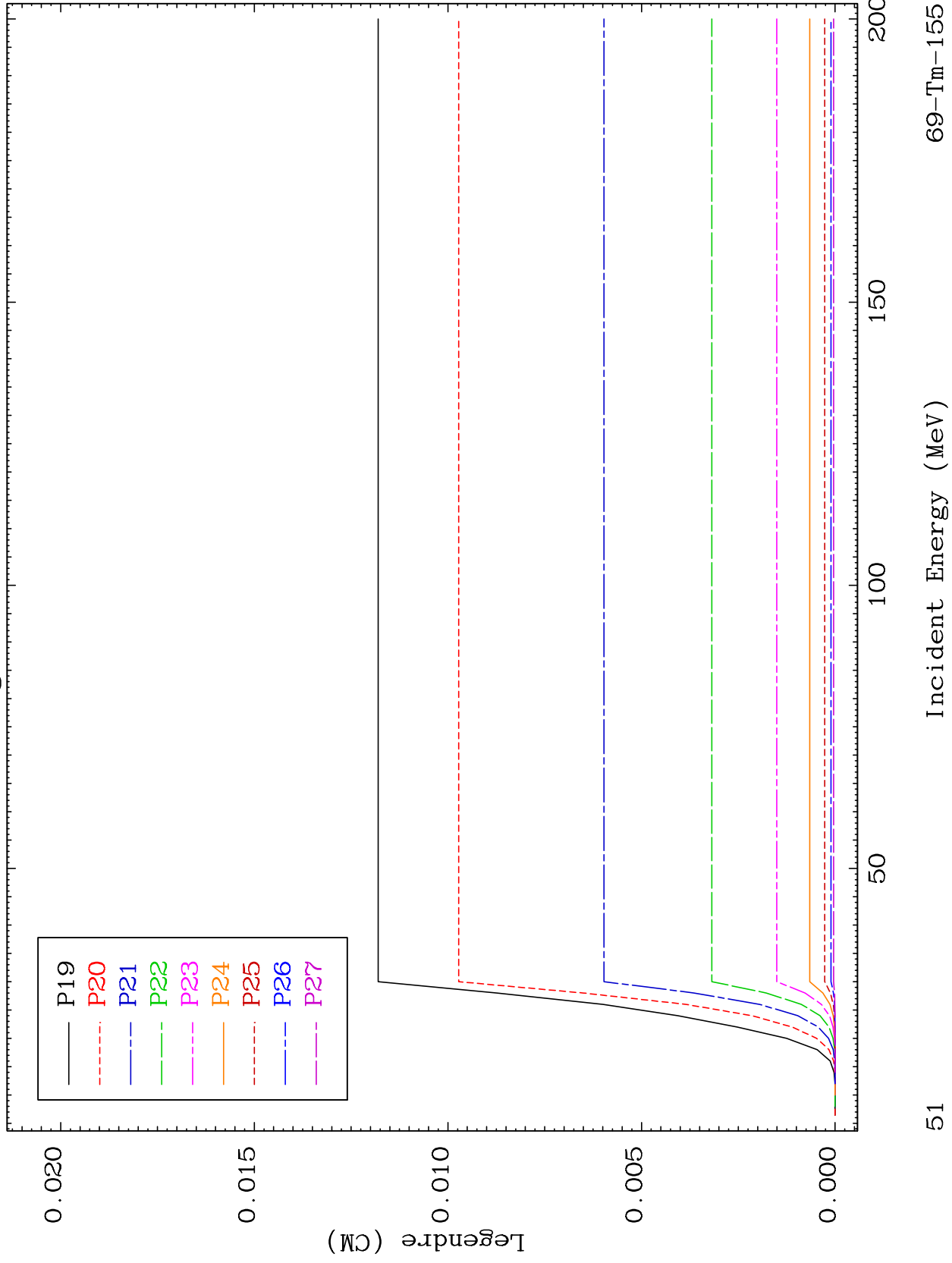
69-Tm-155



MAT 6883

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

69-Tm-155



51

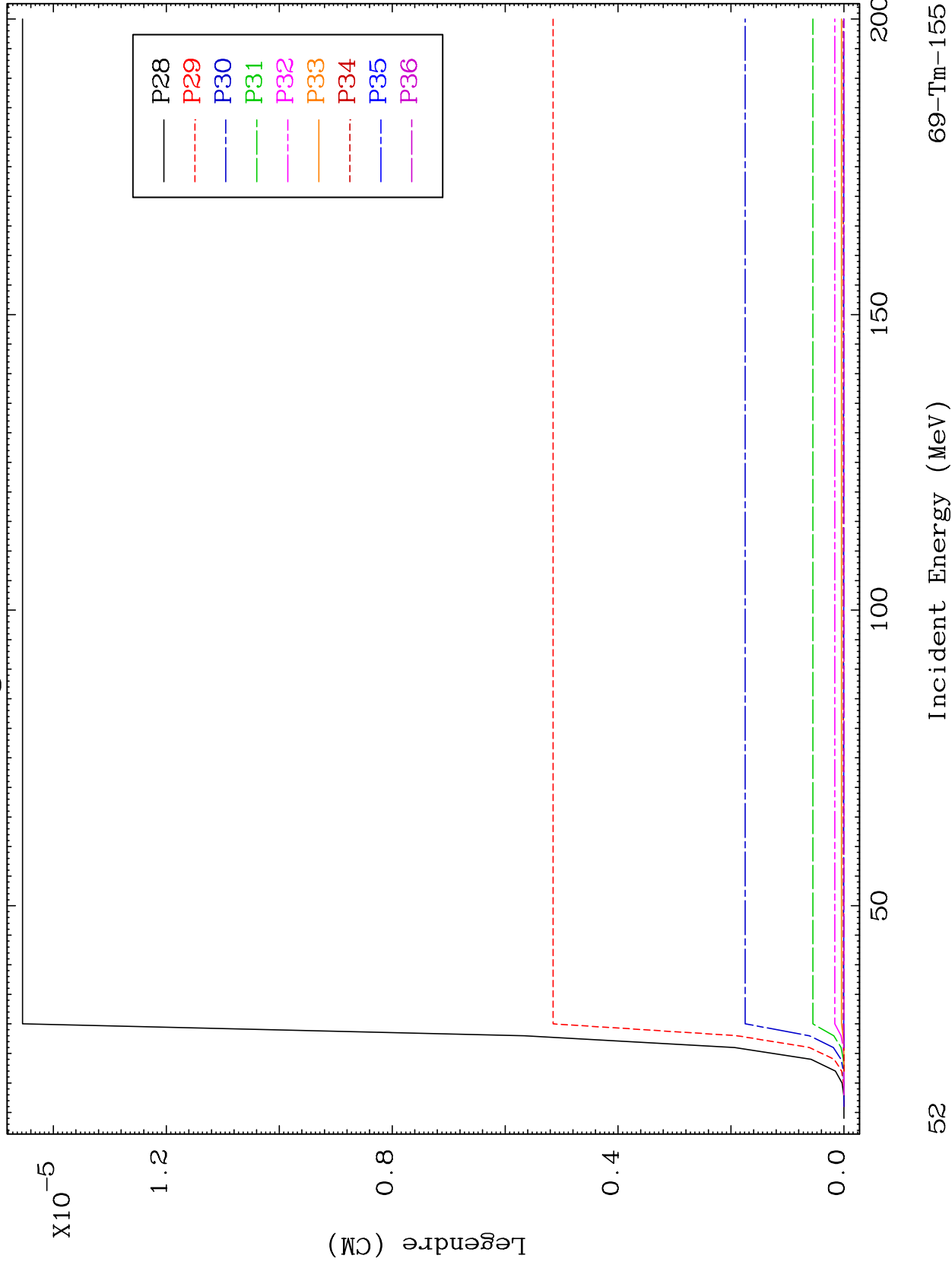
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



52

Incident Energy (MeV)

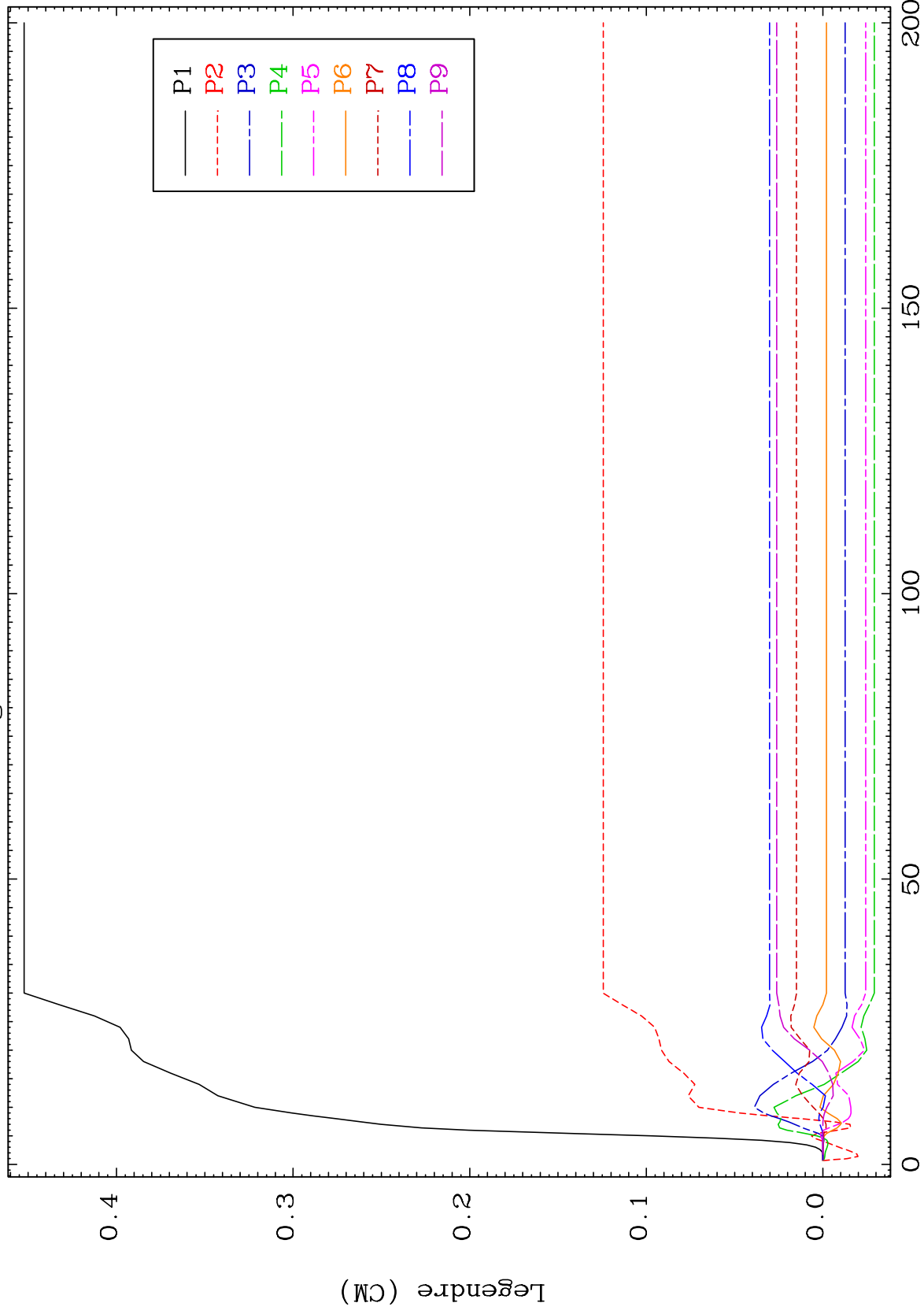
69-Tm-155

MAT 6883

MT= 59 (n,n') Level

69-Tm-155

Legendre Coefficients



53

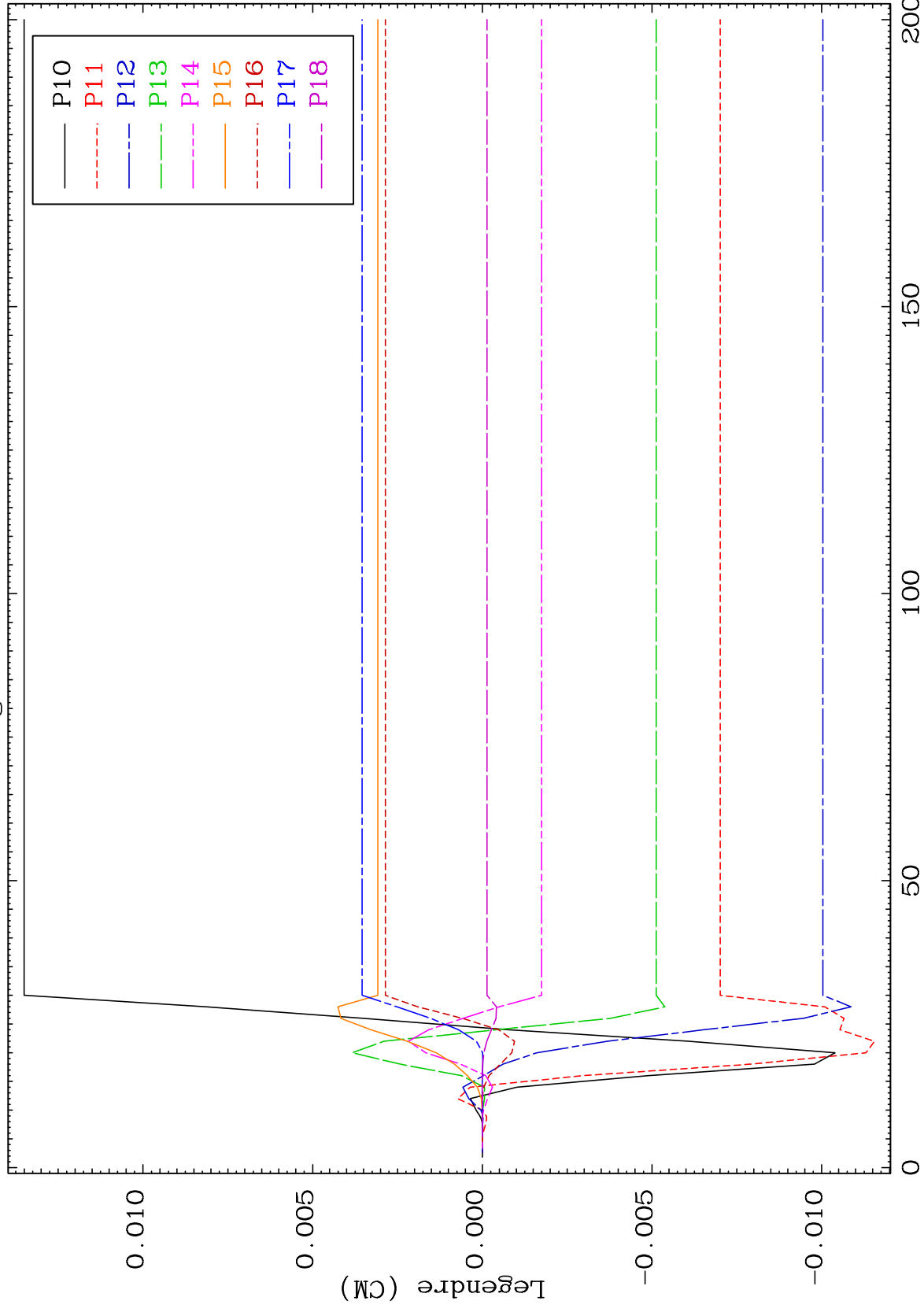
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



54

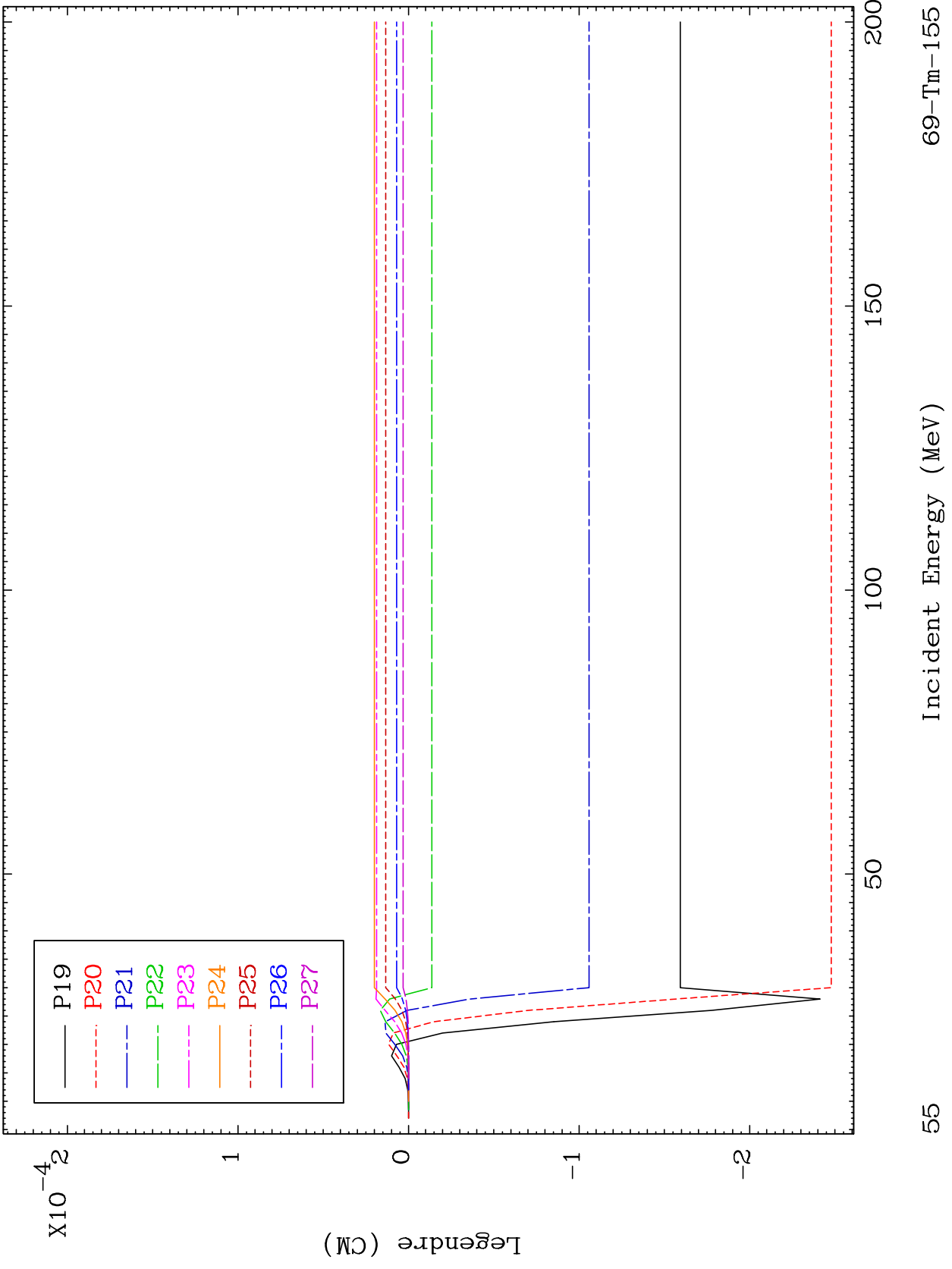
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



55

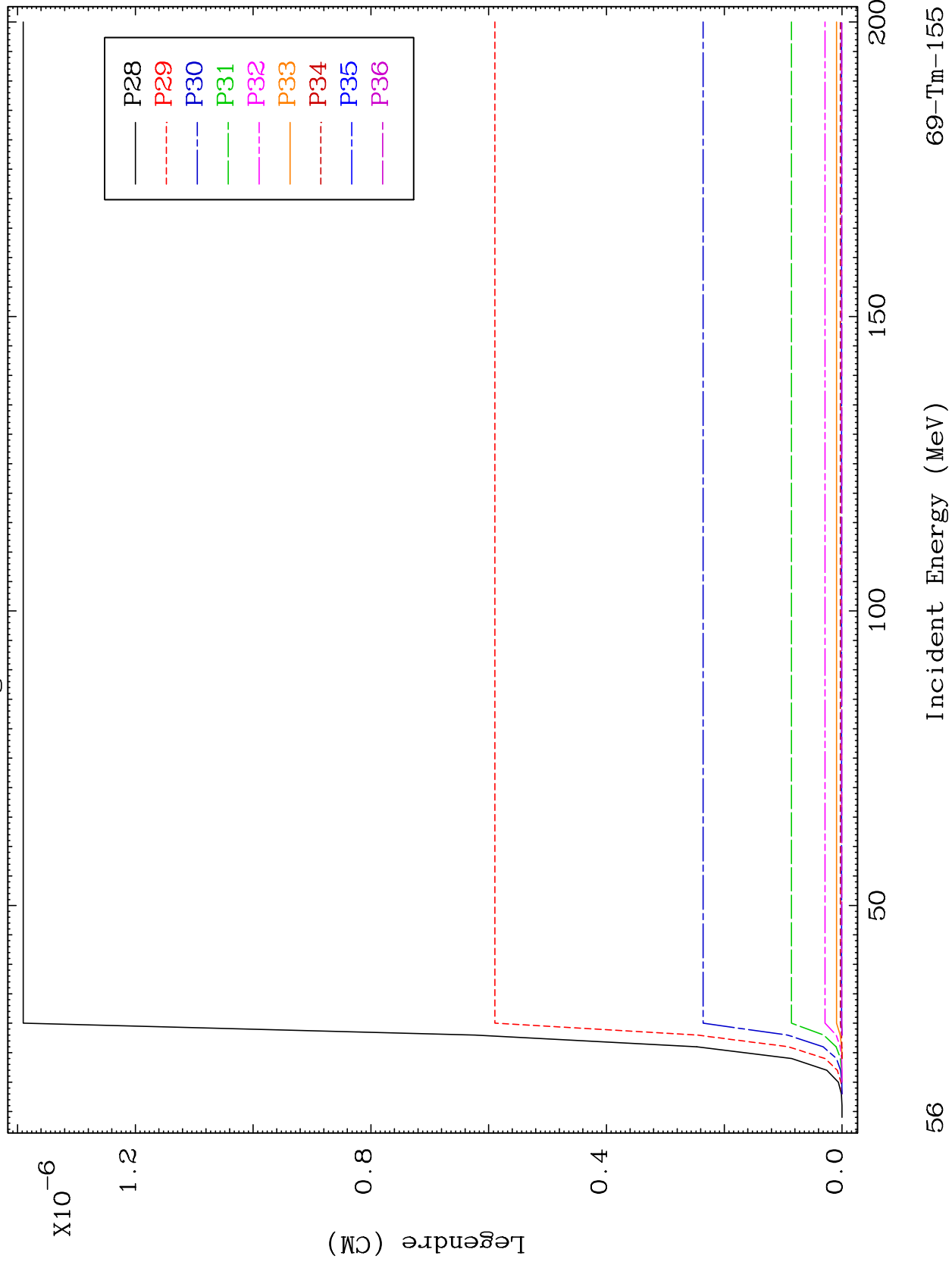
Incident Energy (MeV)

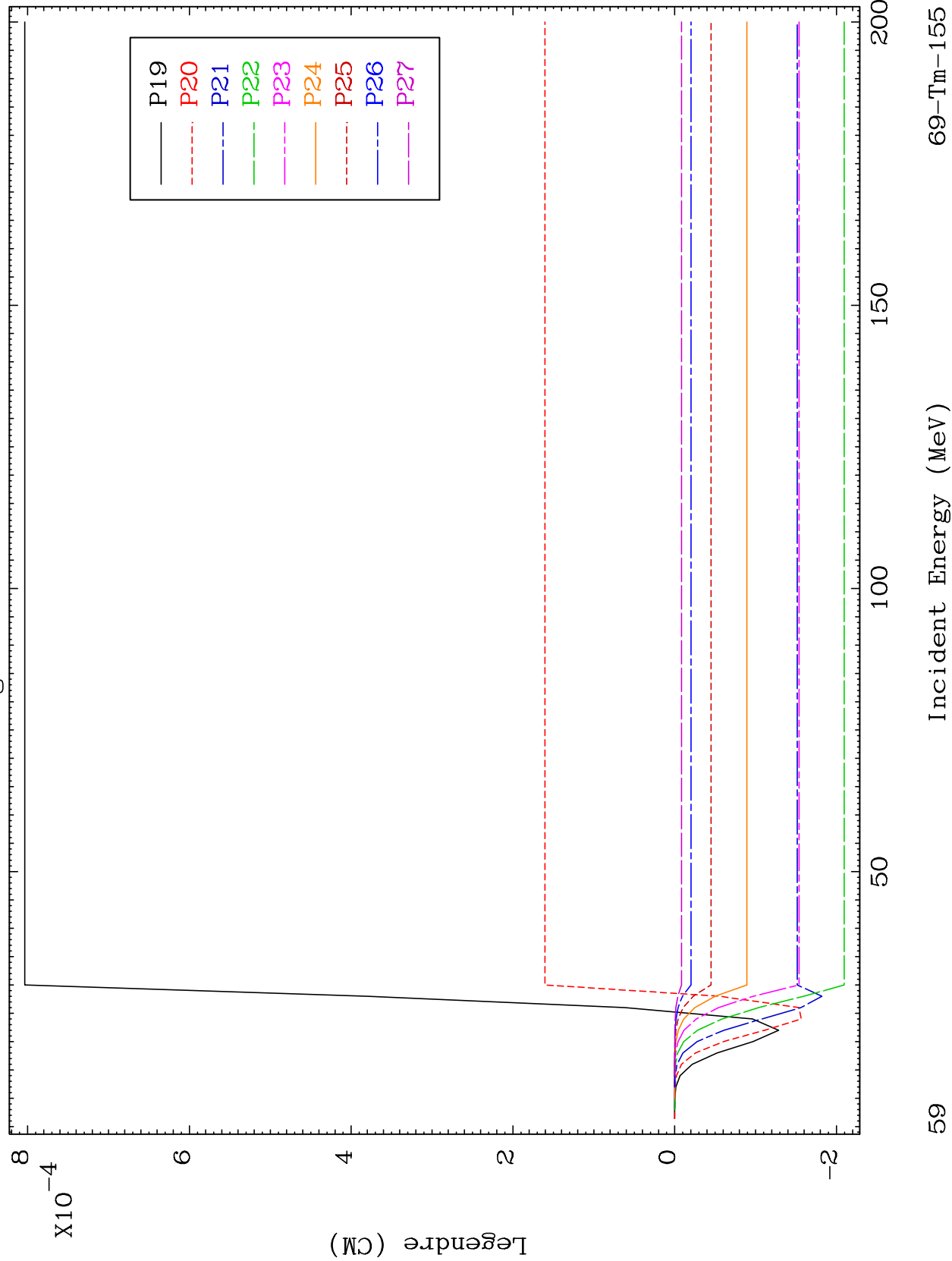
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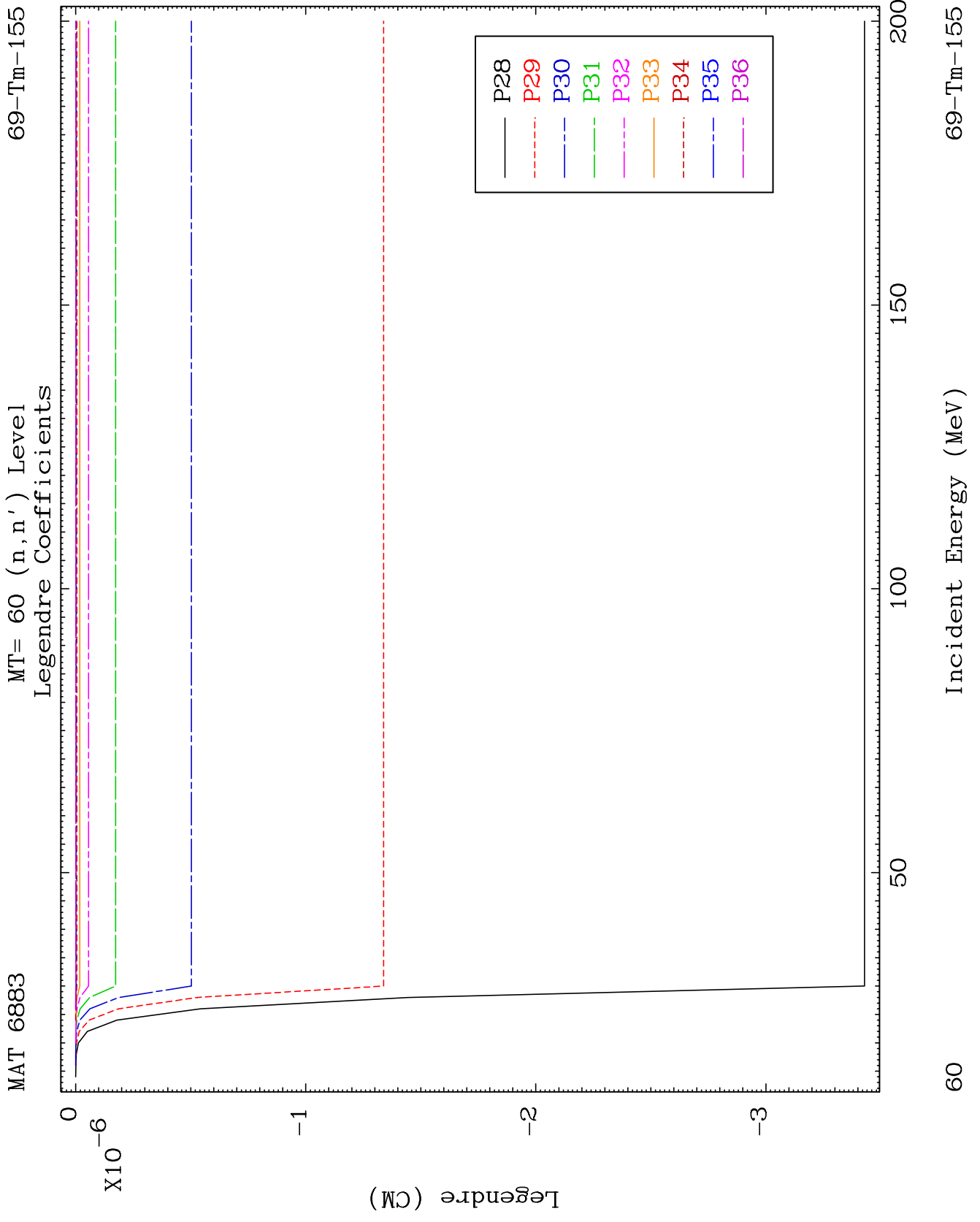
MAT 6883

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

69-Tm-155



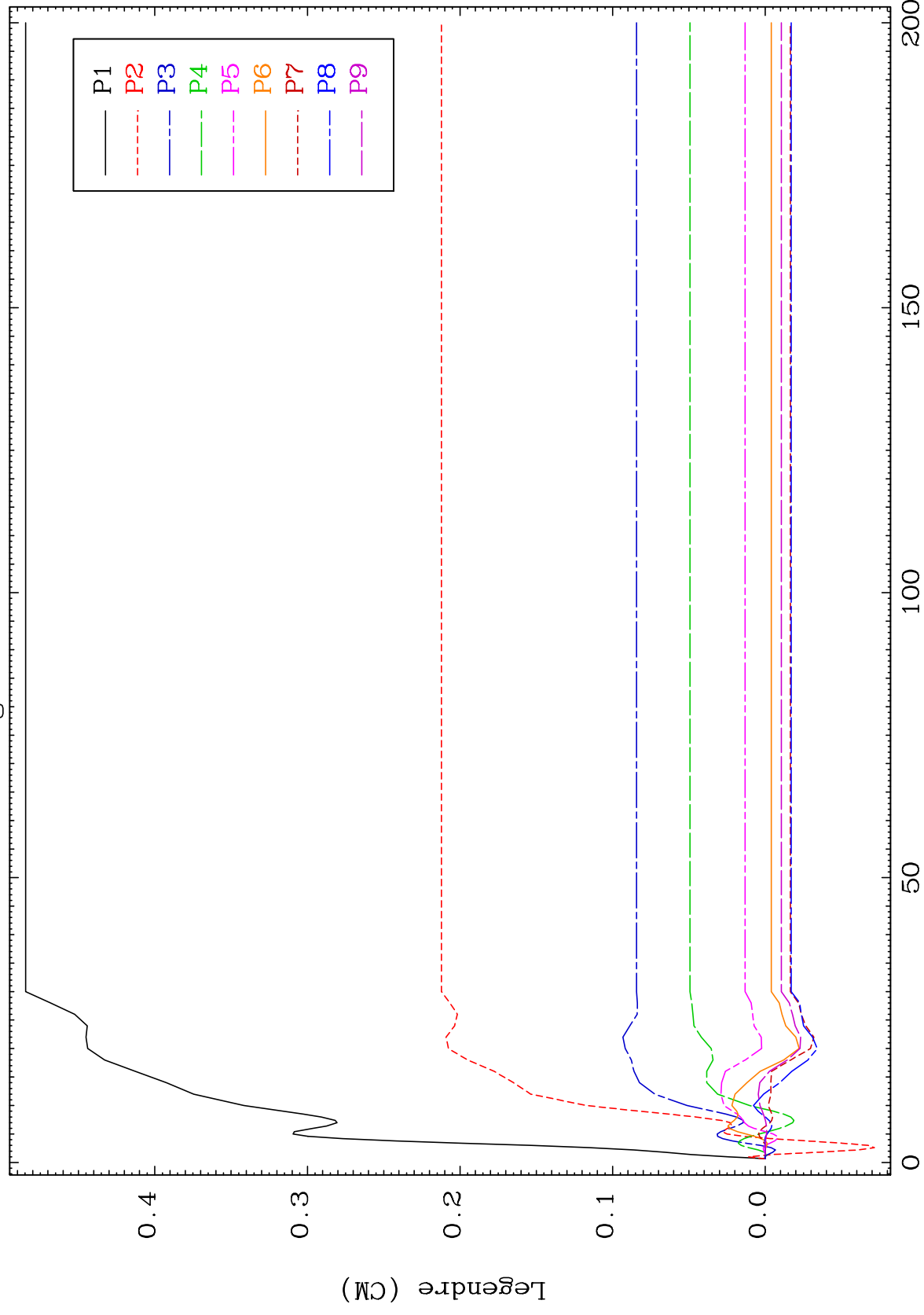




MAT 6883

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

69-Tm-155



61

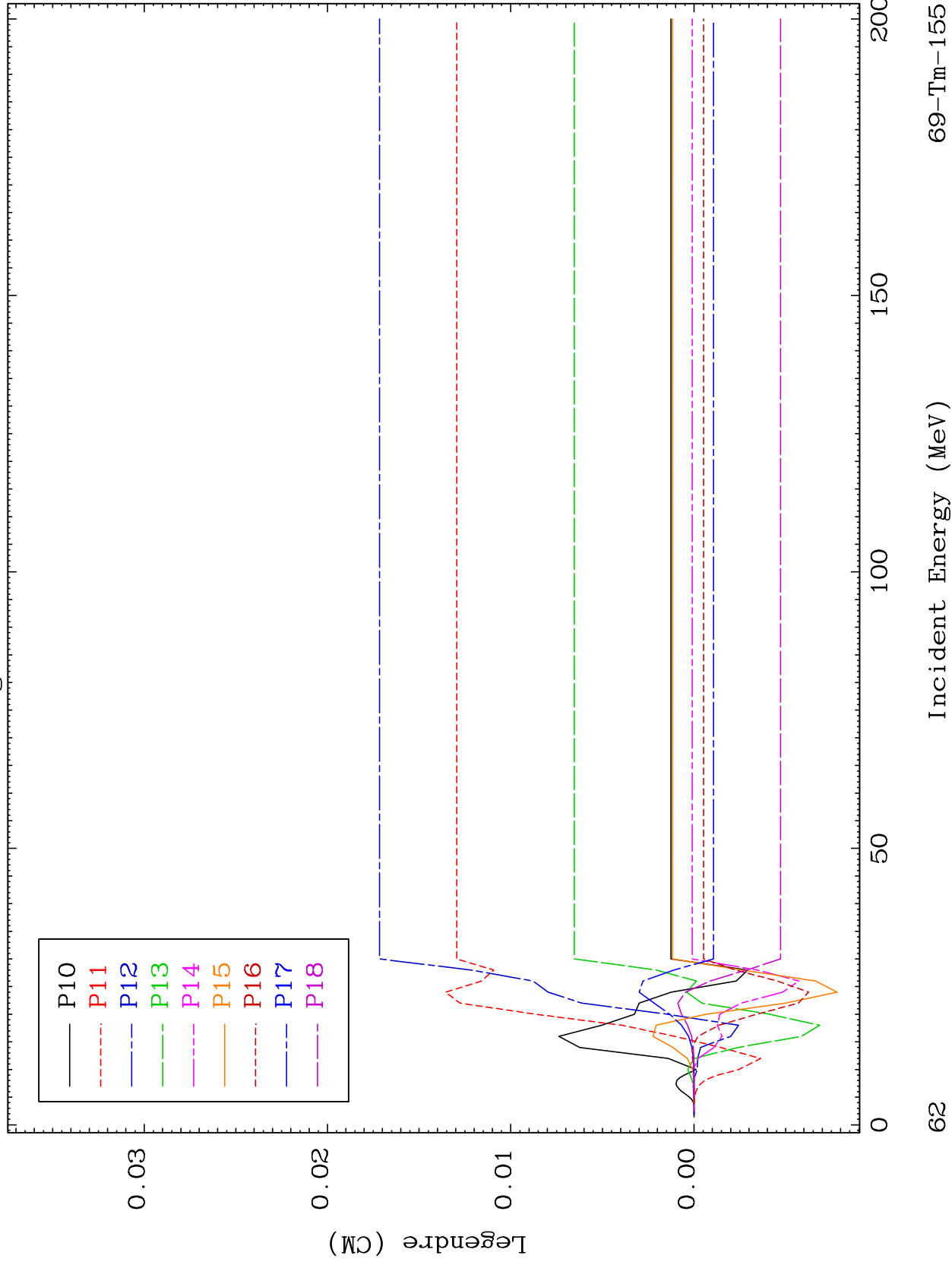
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



69-Tm-155

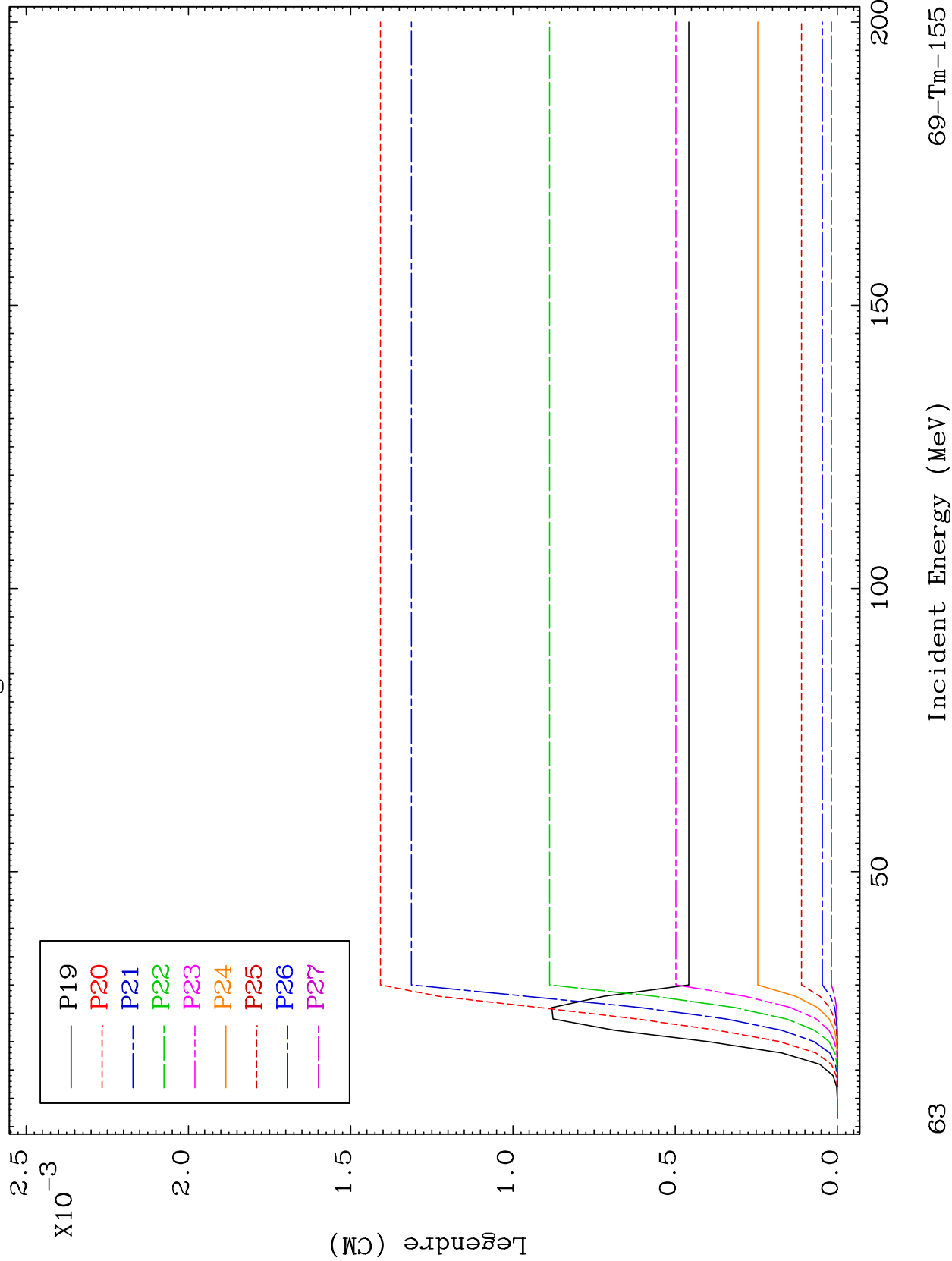
Incident Energy (MeV)

62

MAT 6883

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

69-Tm-155



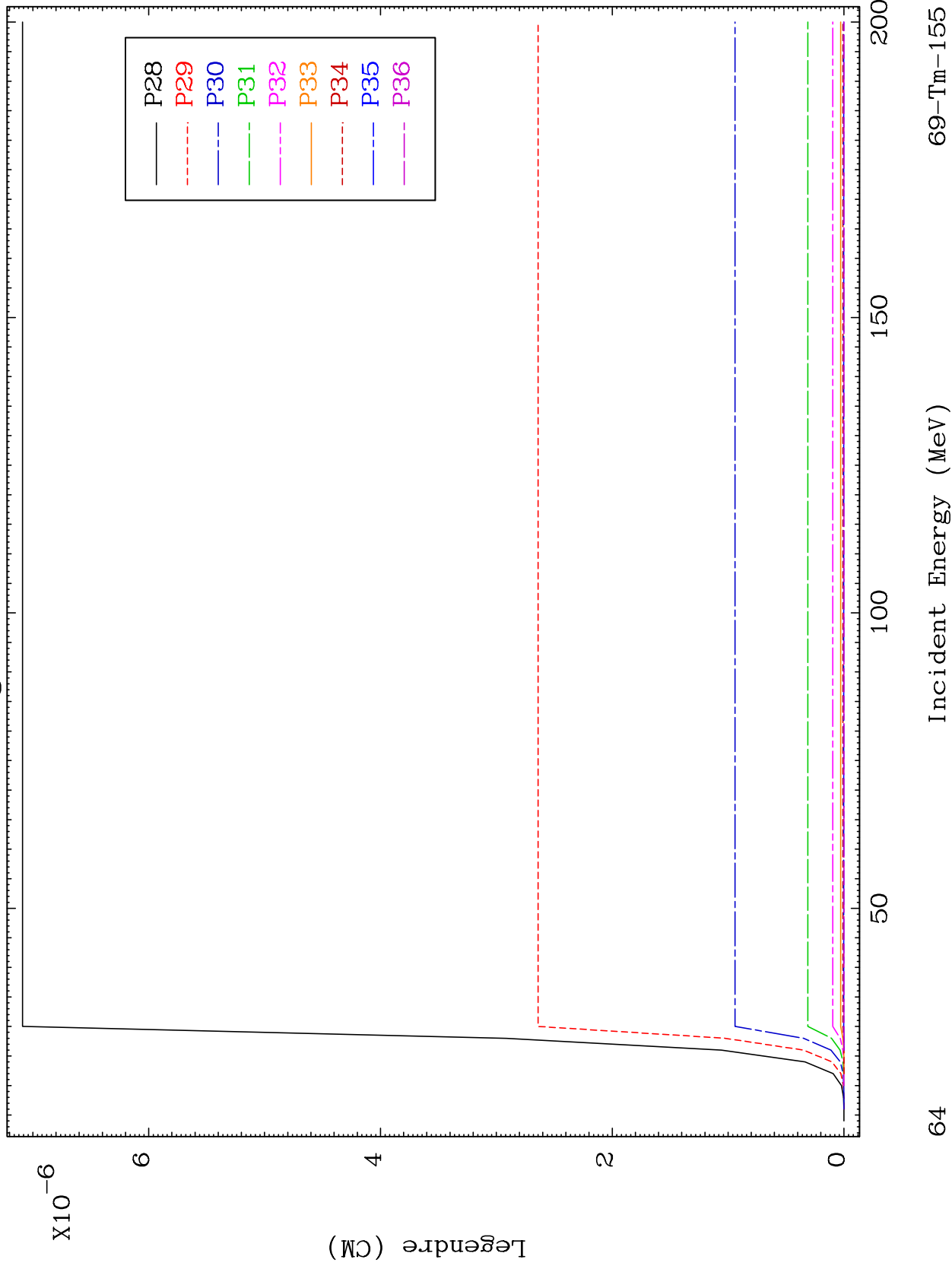
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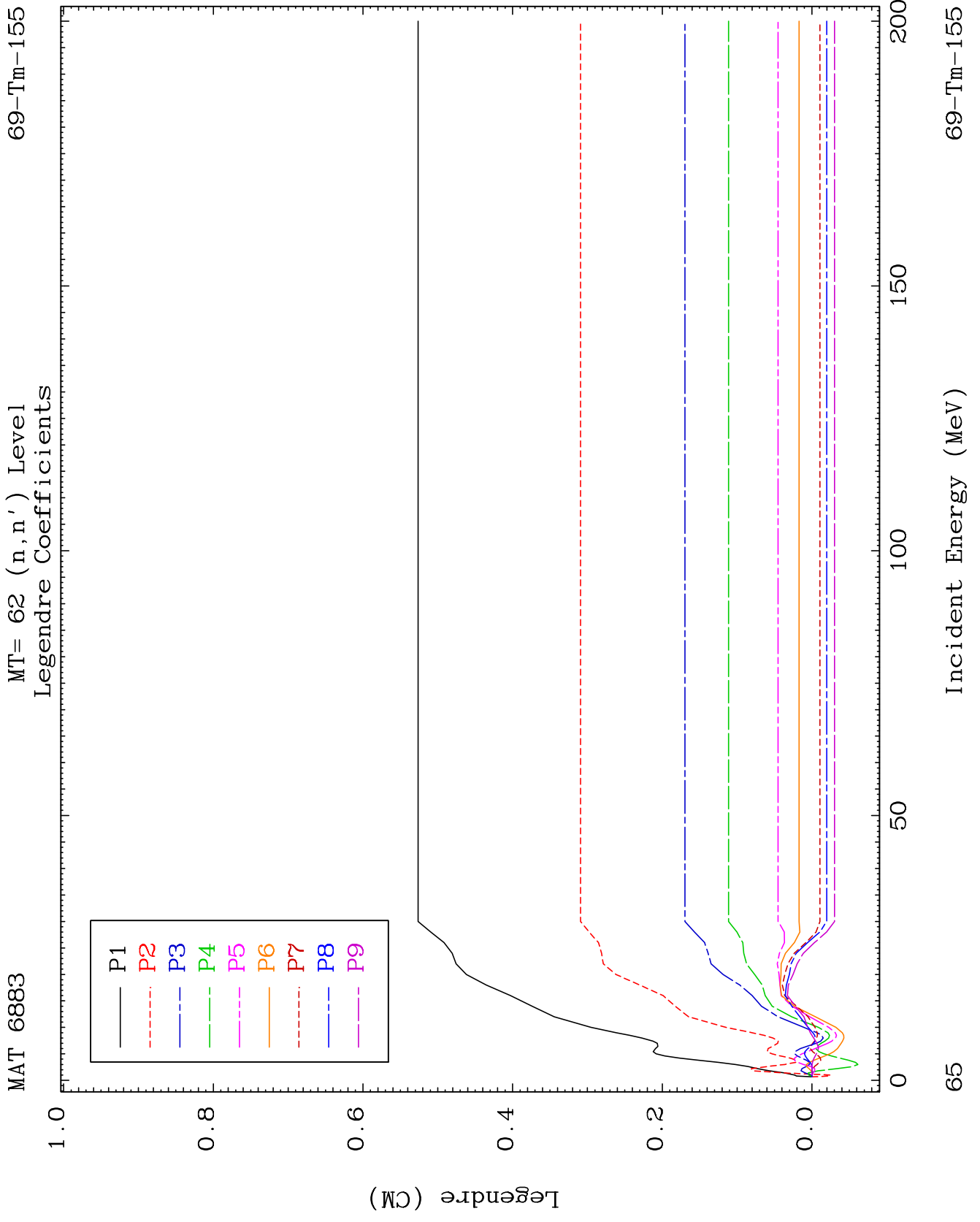
69-Tm-155

MAT 6883

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

69-Tm-155

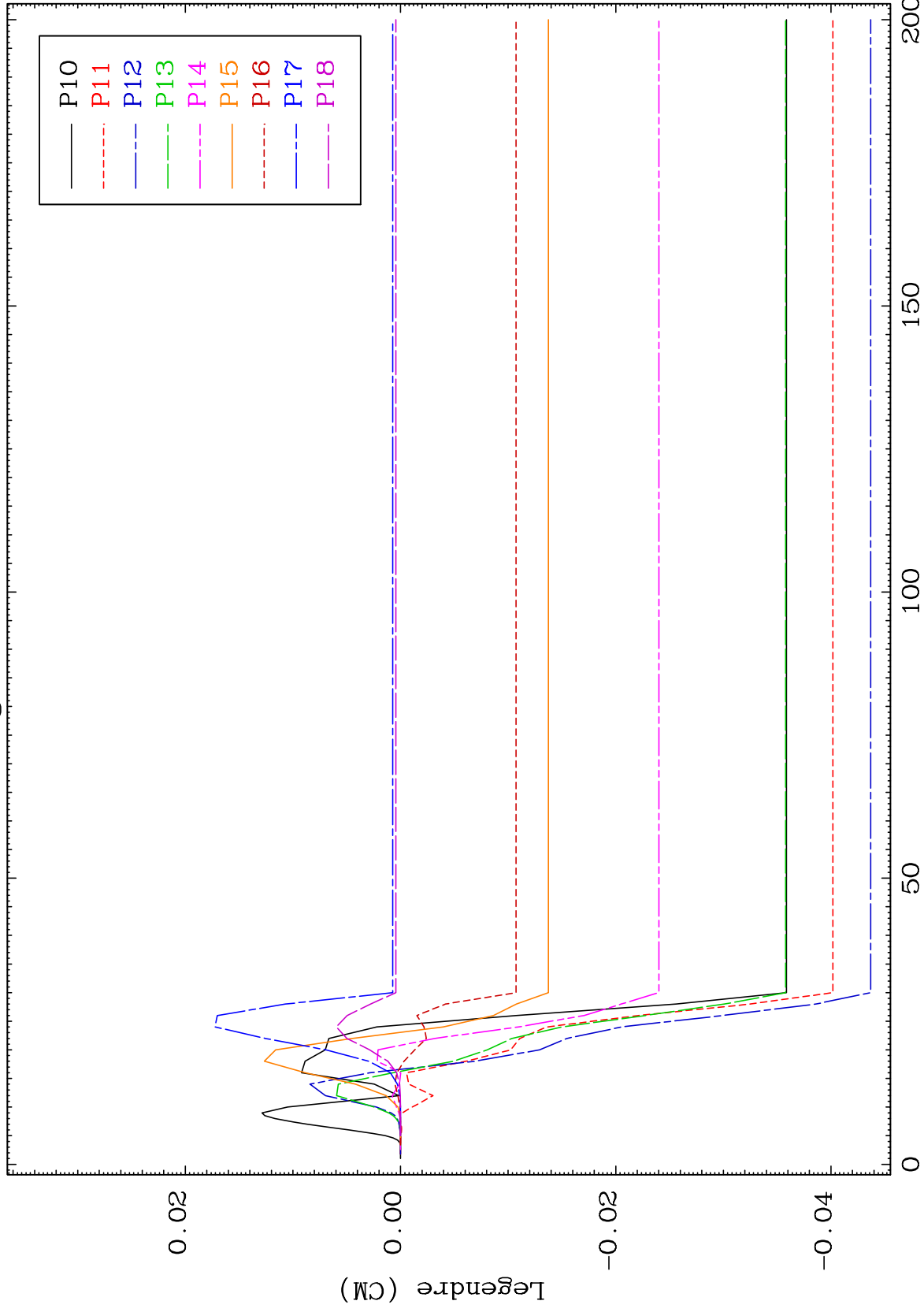




MAT 6883

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

69-Tm-155



66

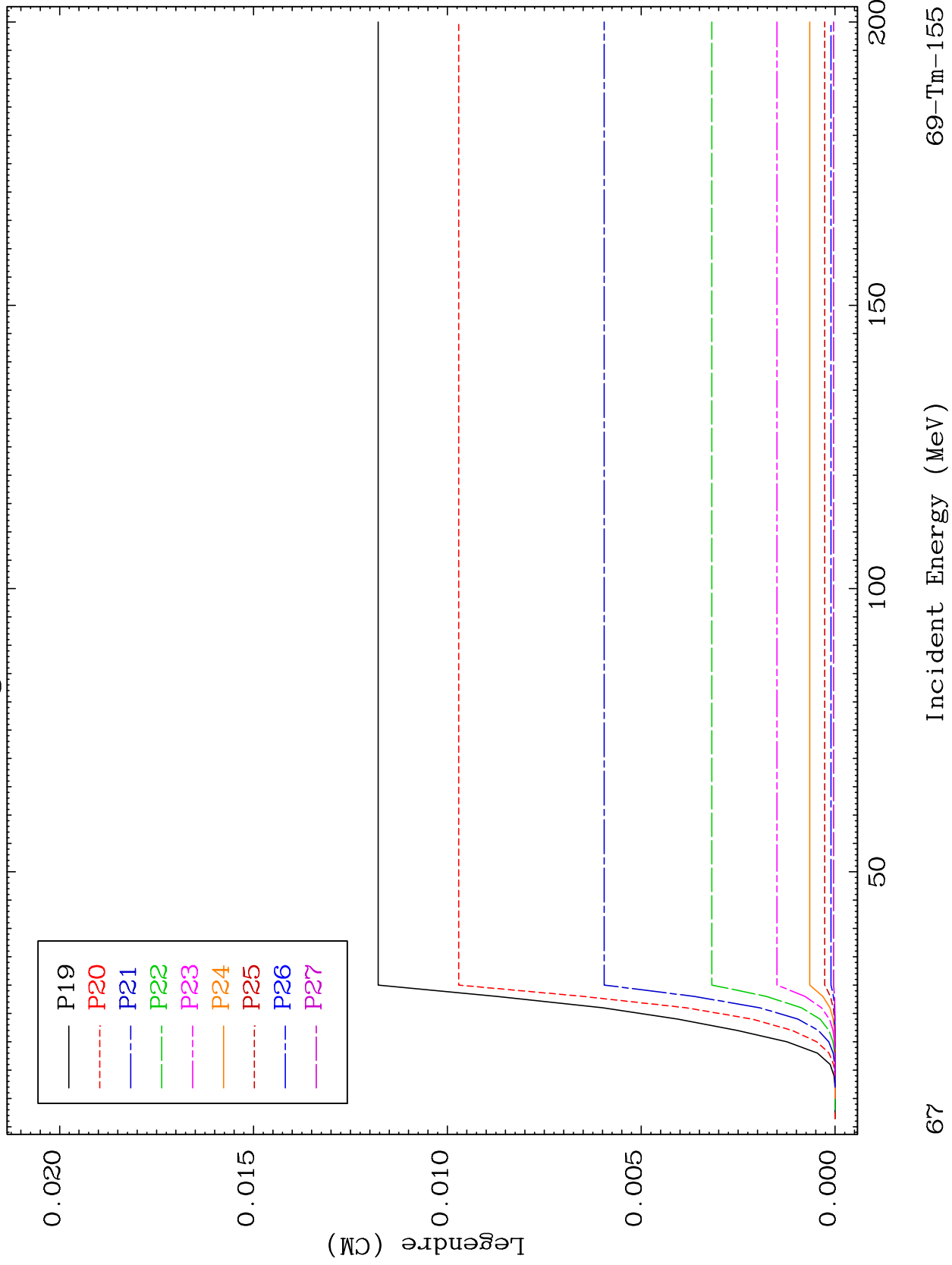
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



67

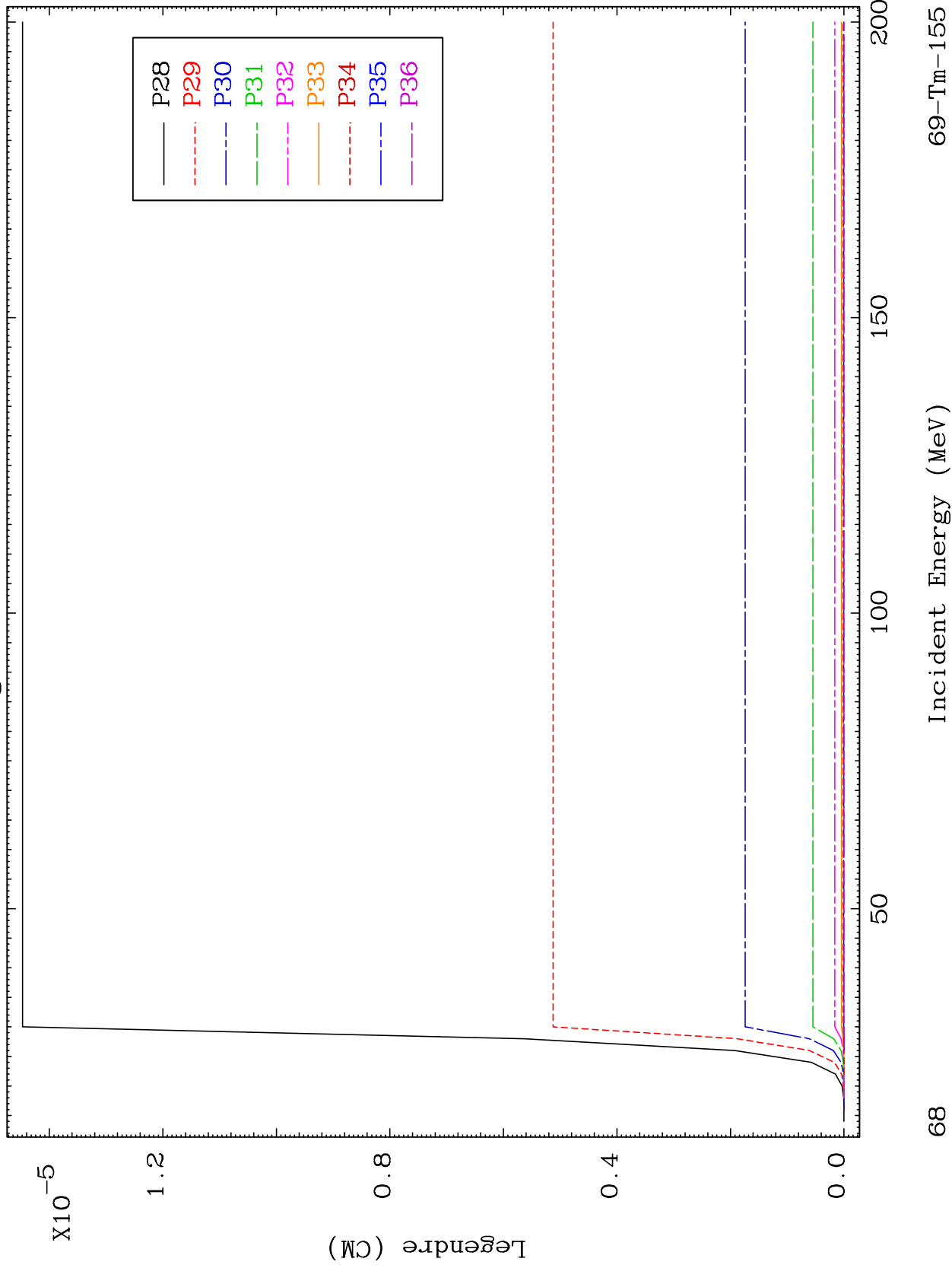
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

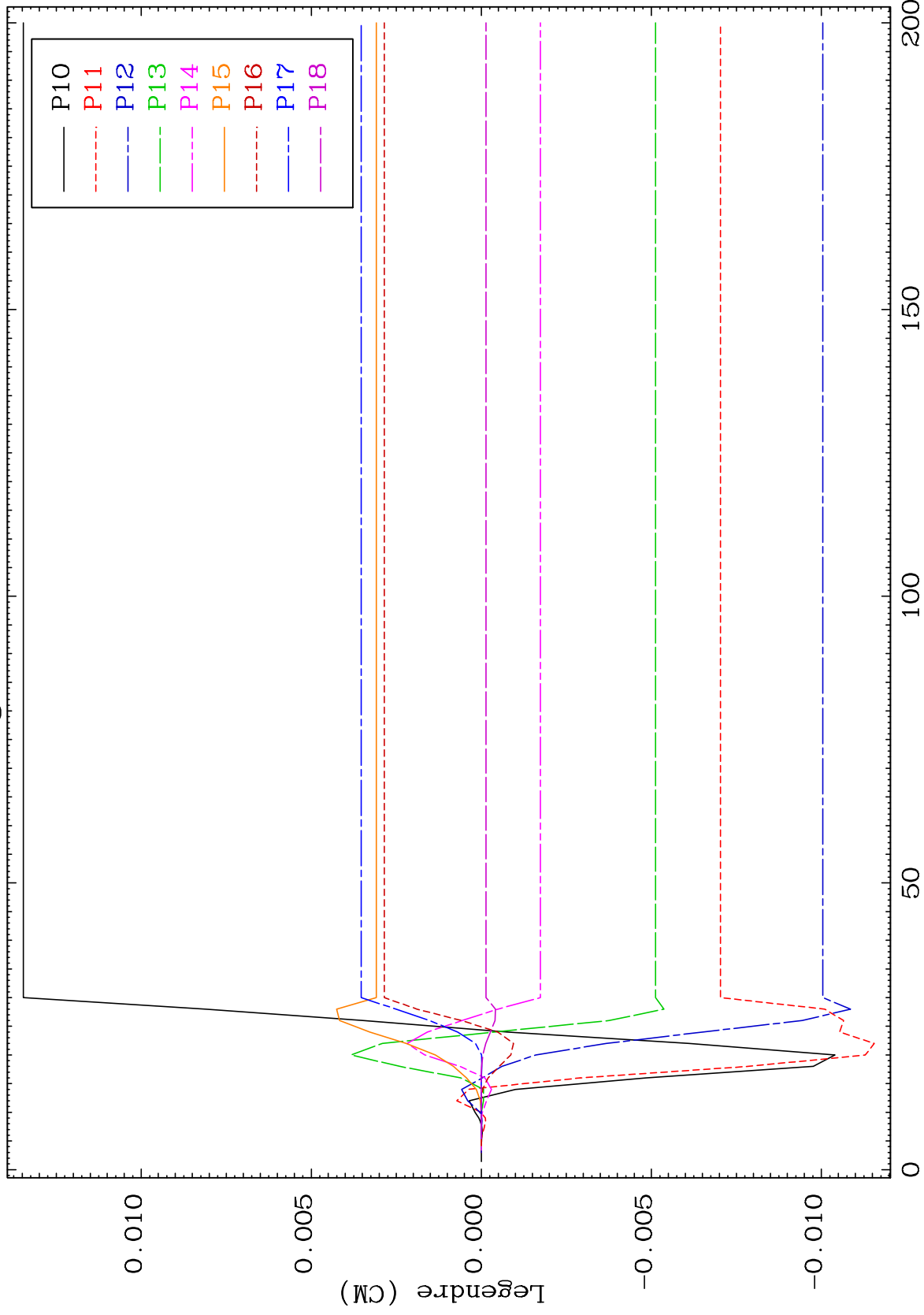
69-Tm-155



MAT 6883

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

69-Tm-155



70

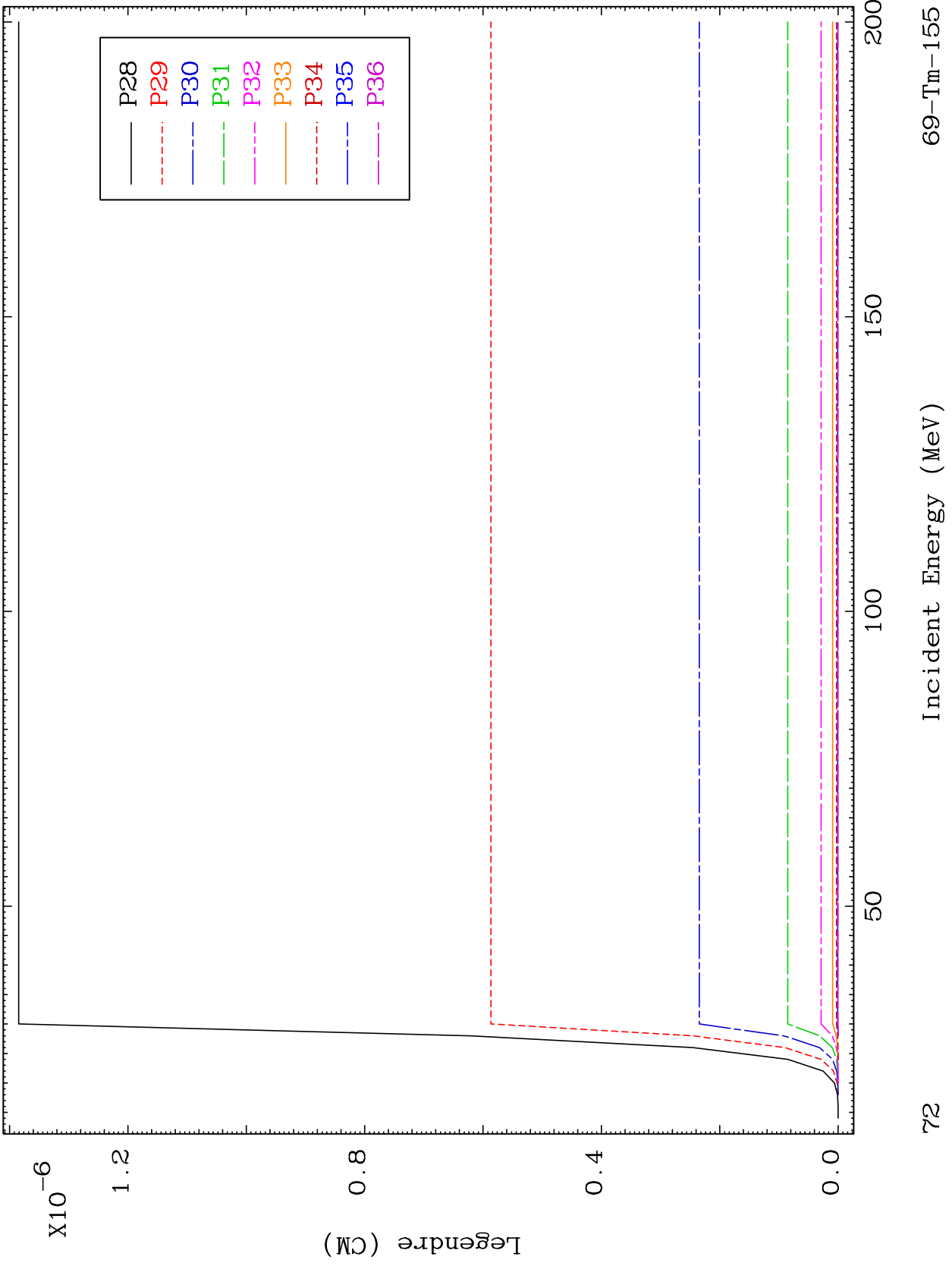
Incident Energy (MeV)

69-Tm-155

MAT 6883

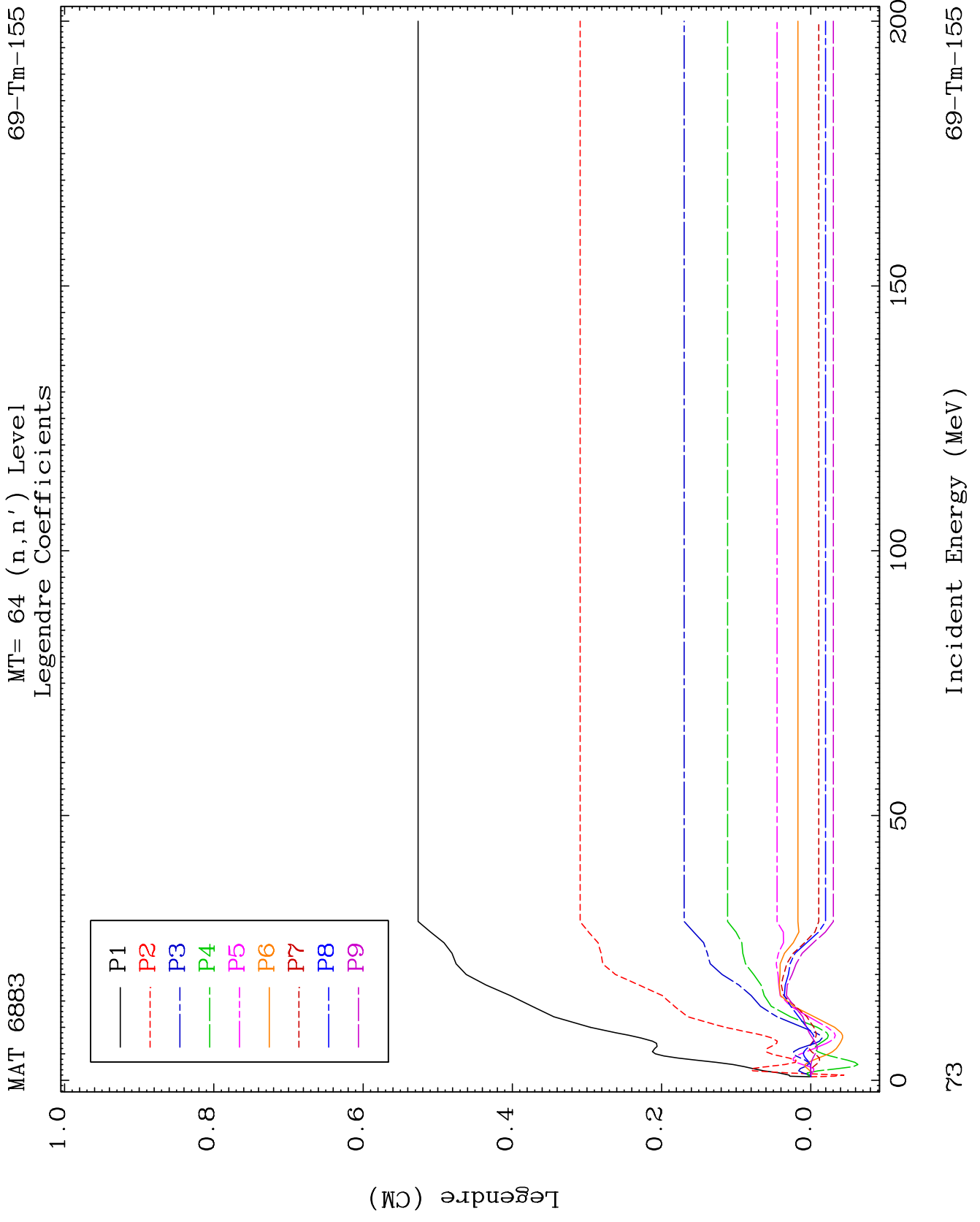
MT= 63 (n,n') Level
Legendre Coefficients

69-Tm-155



72

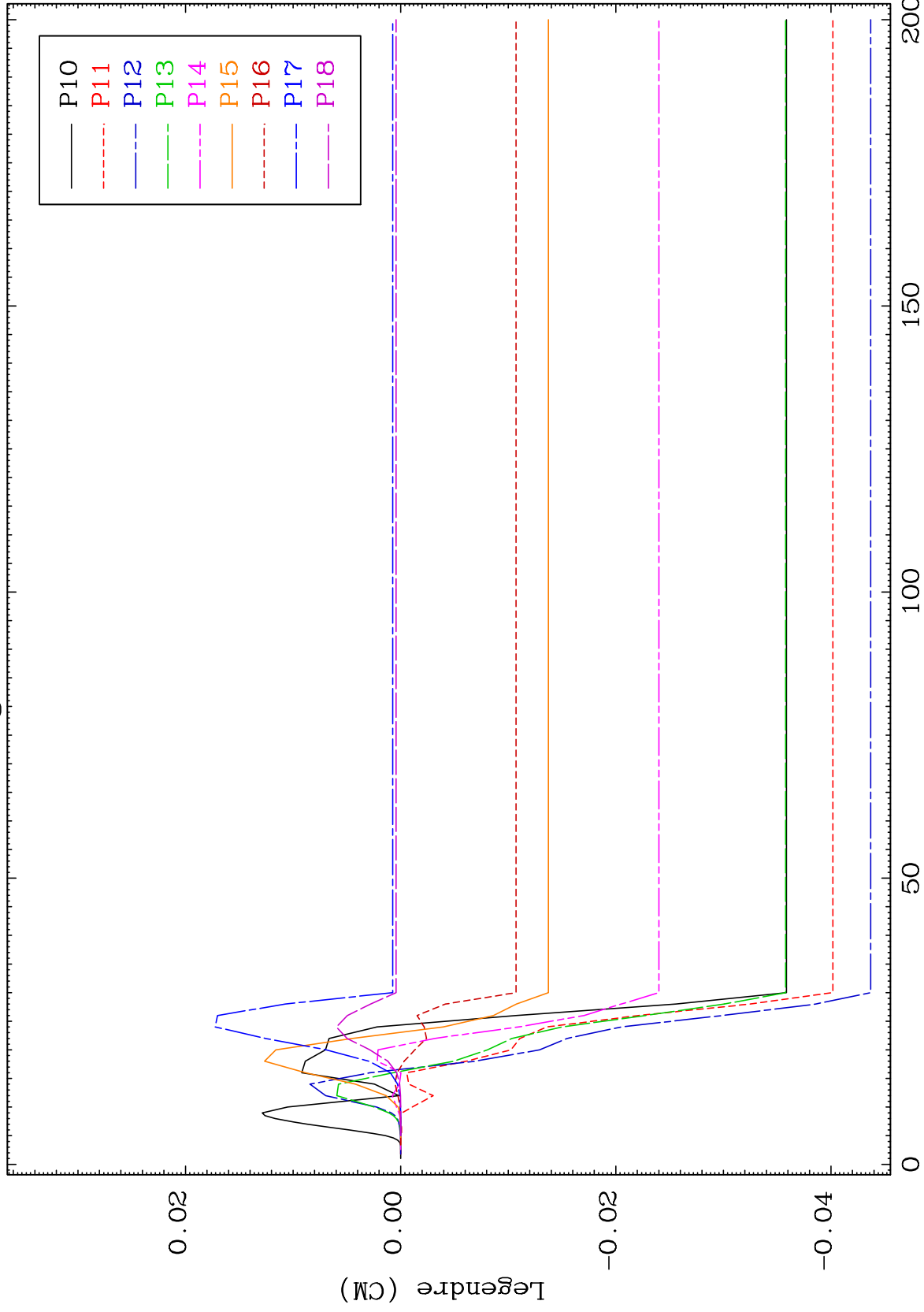
69-Tm-155



MAT 6883

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

69-Tm-155



74

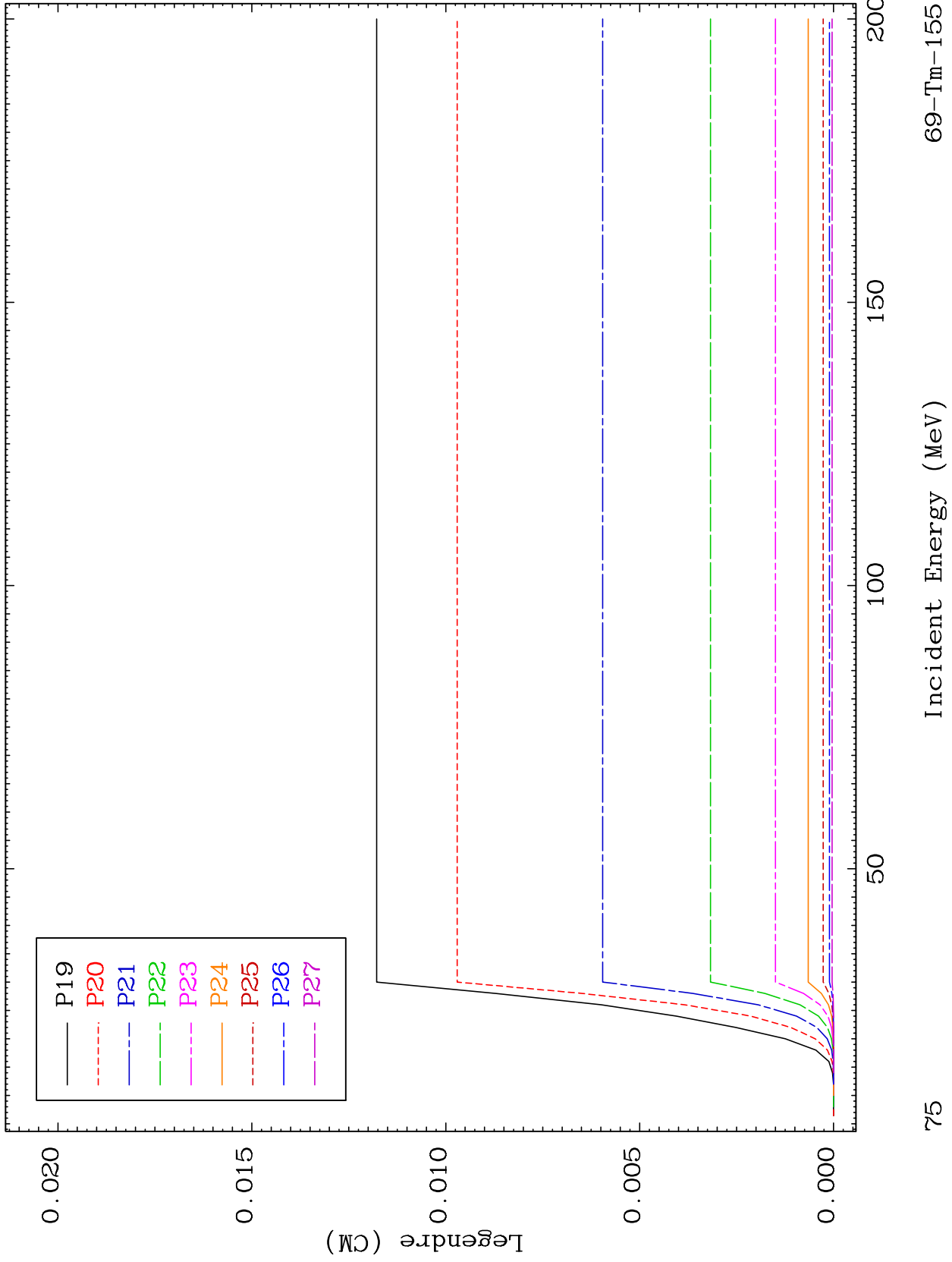
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



75

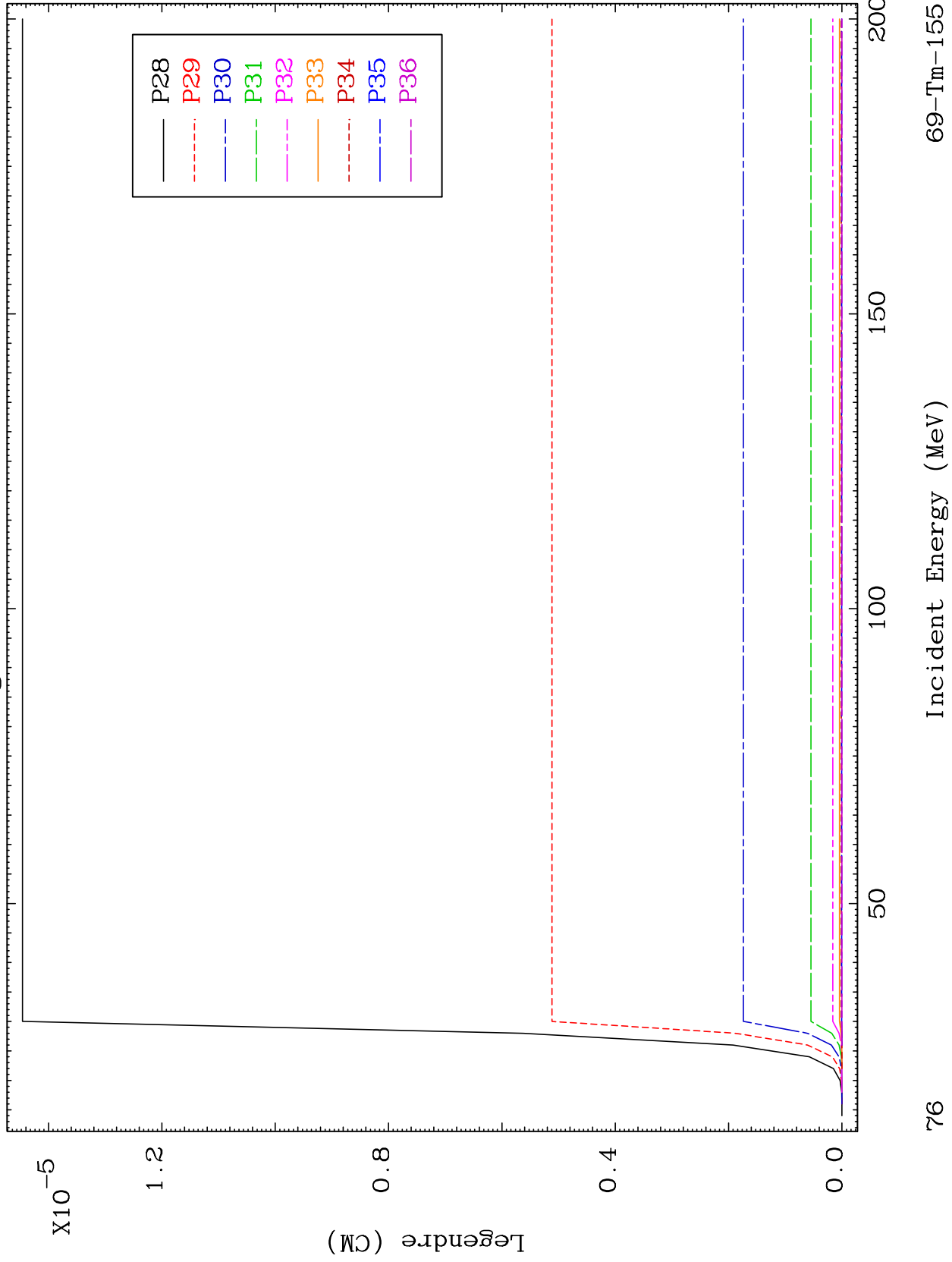
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

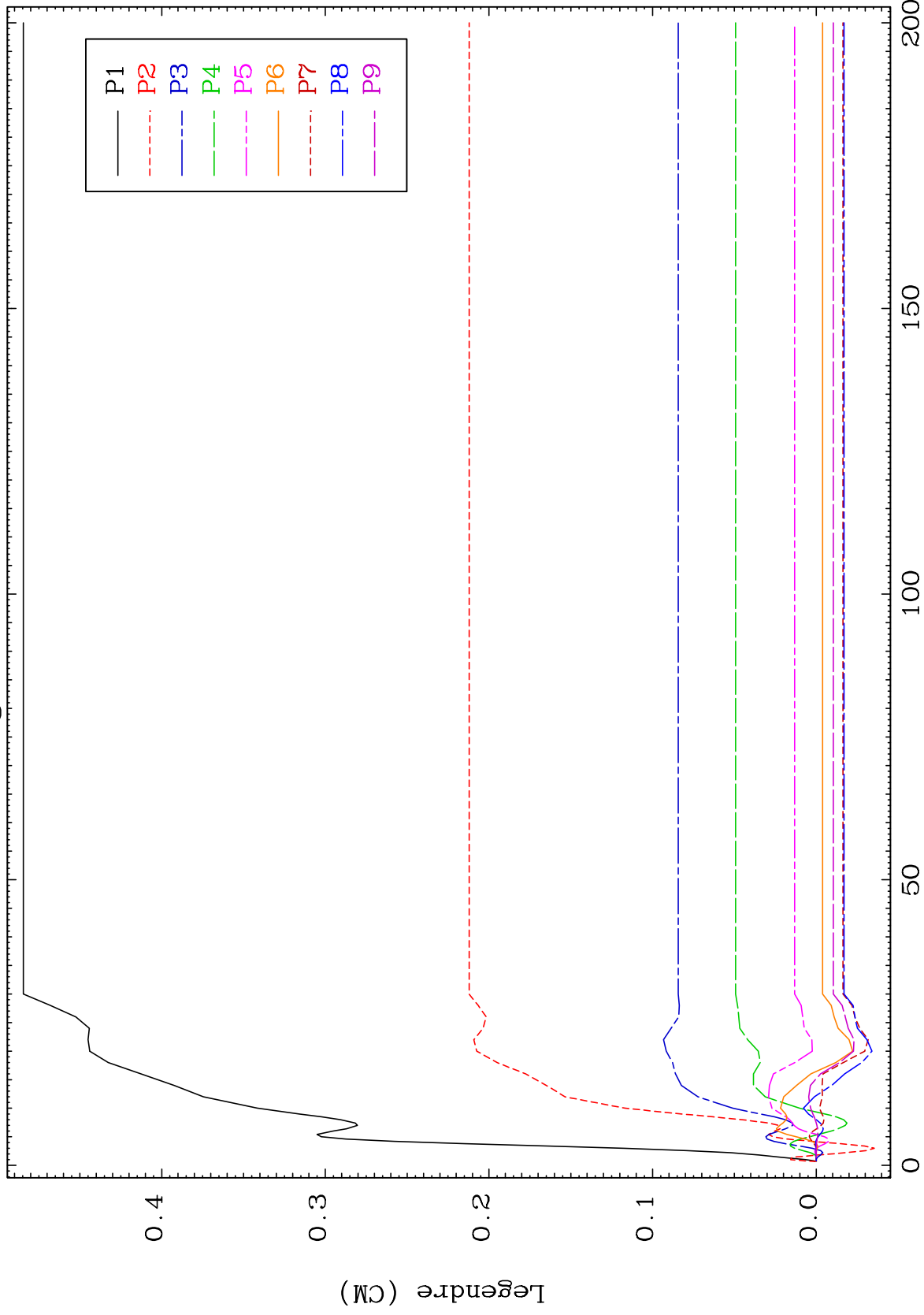
69-Tm-155



MAT 6883

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

69-Tm-155



77

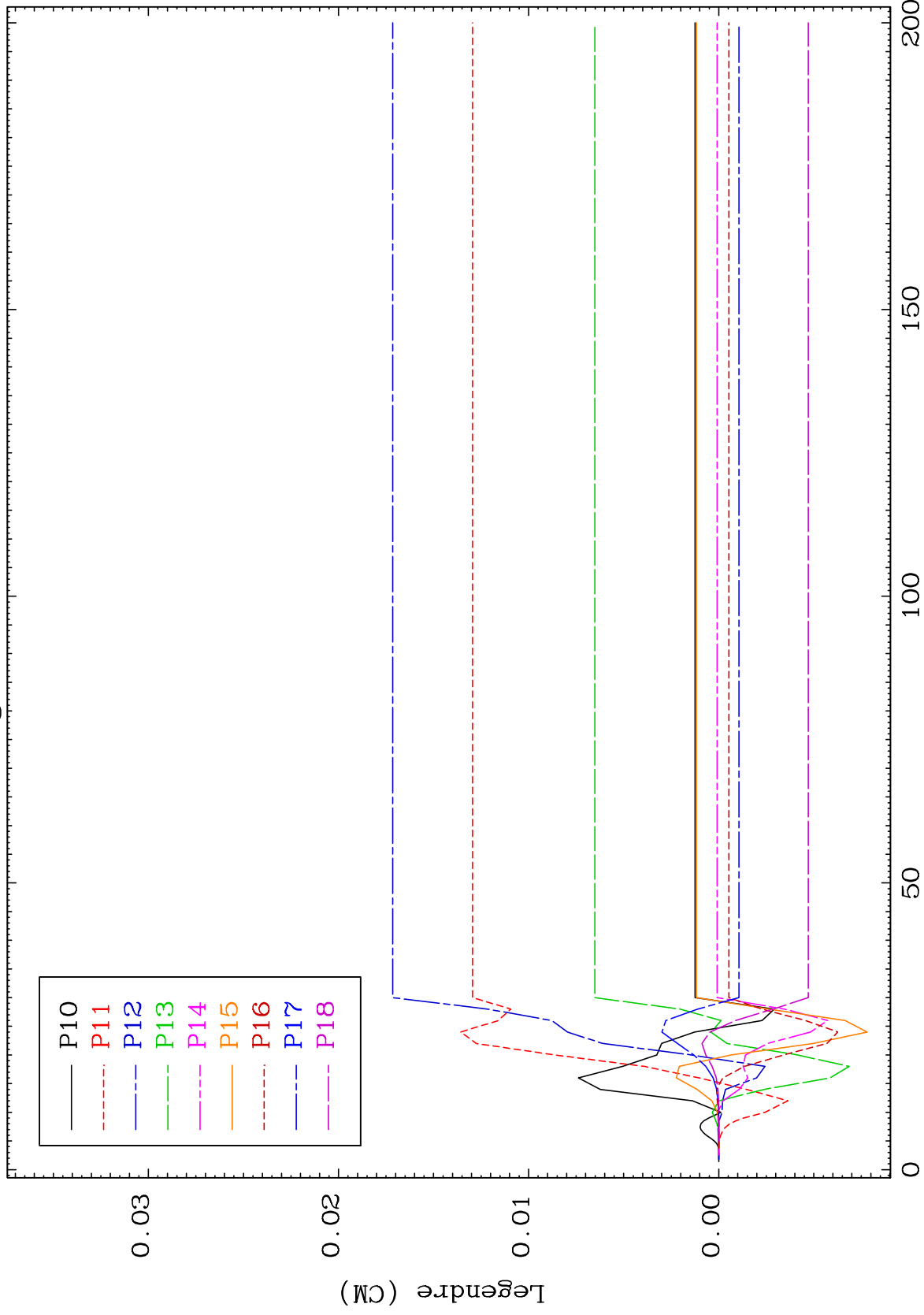
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



78

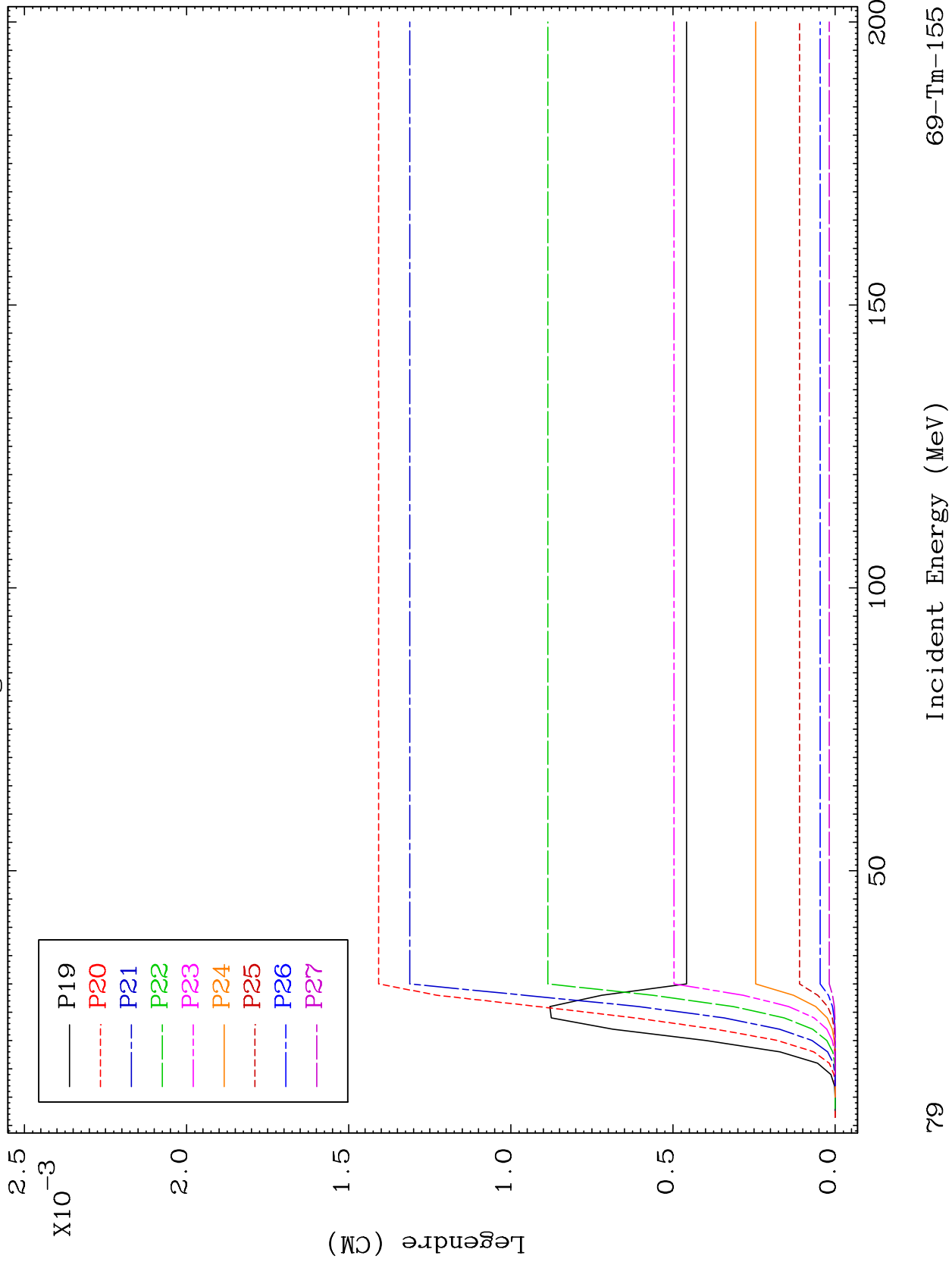
Incident Energy (MeV)

69-Tm-155

MAT 6883

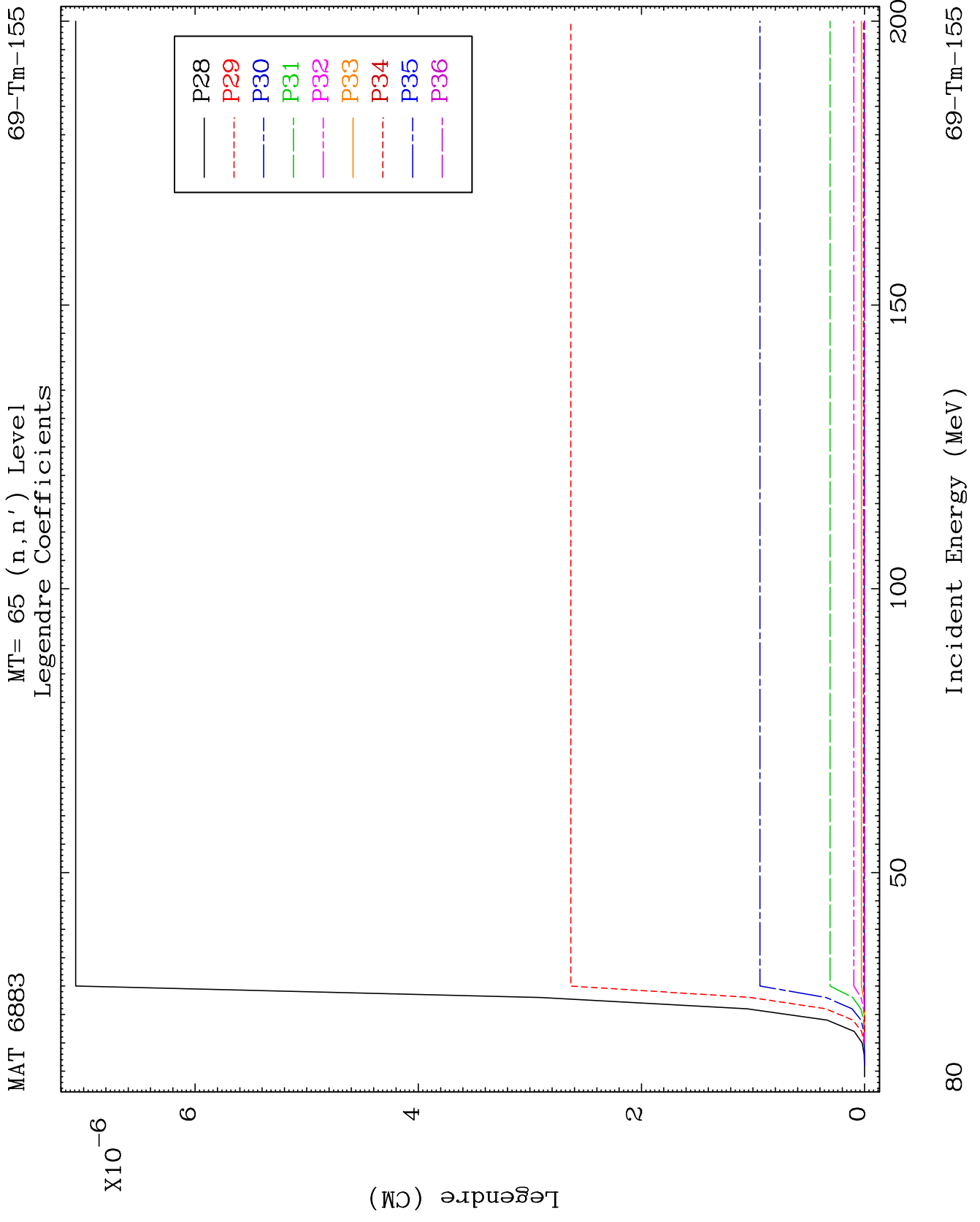
MT= 65 (n,n') Level
Legendre Coefficients

69-Tm-155



79

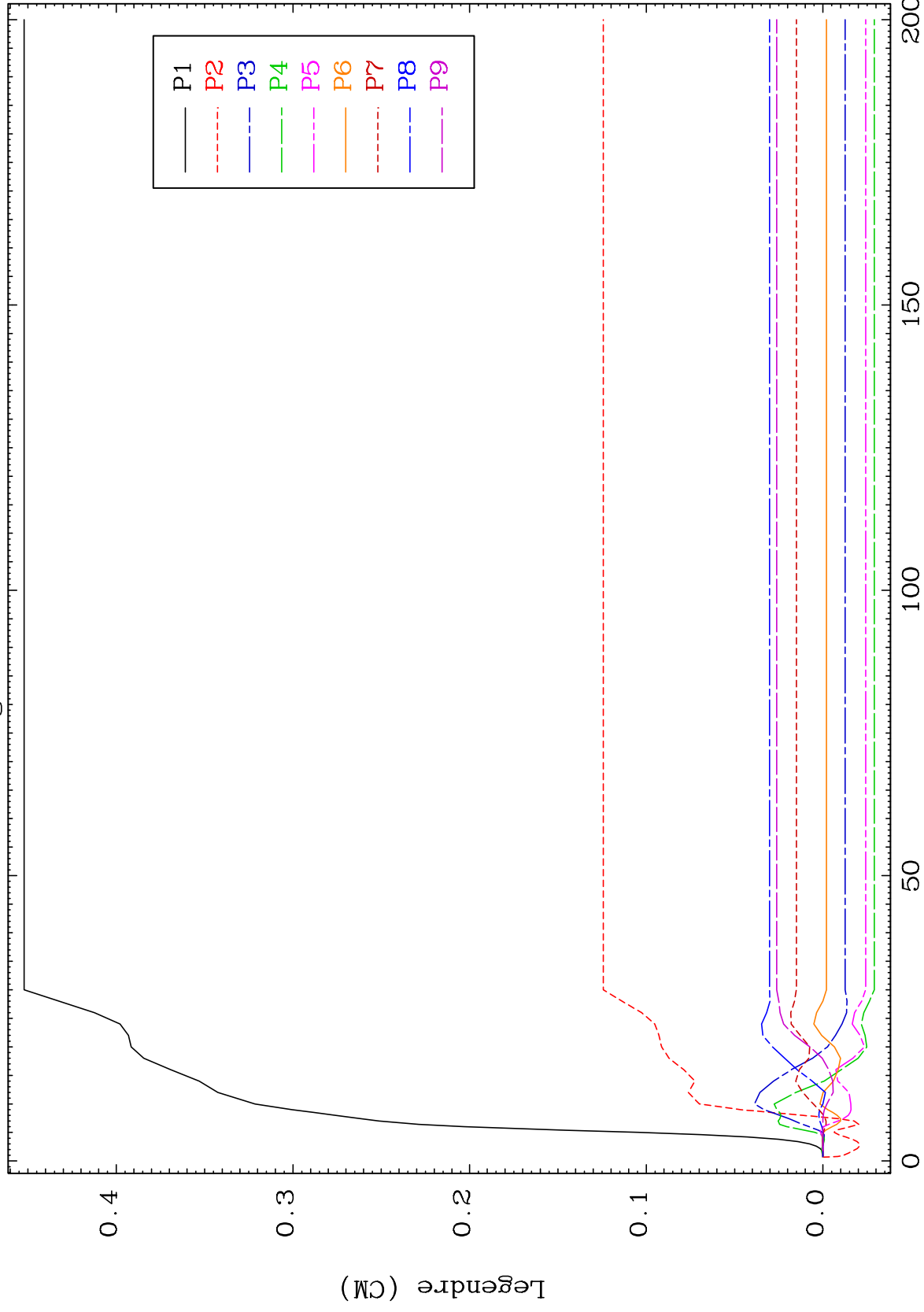
69-Tm-155



MAT 6883

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

69-Tm-155



81

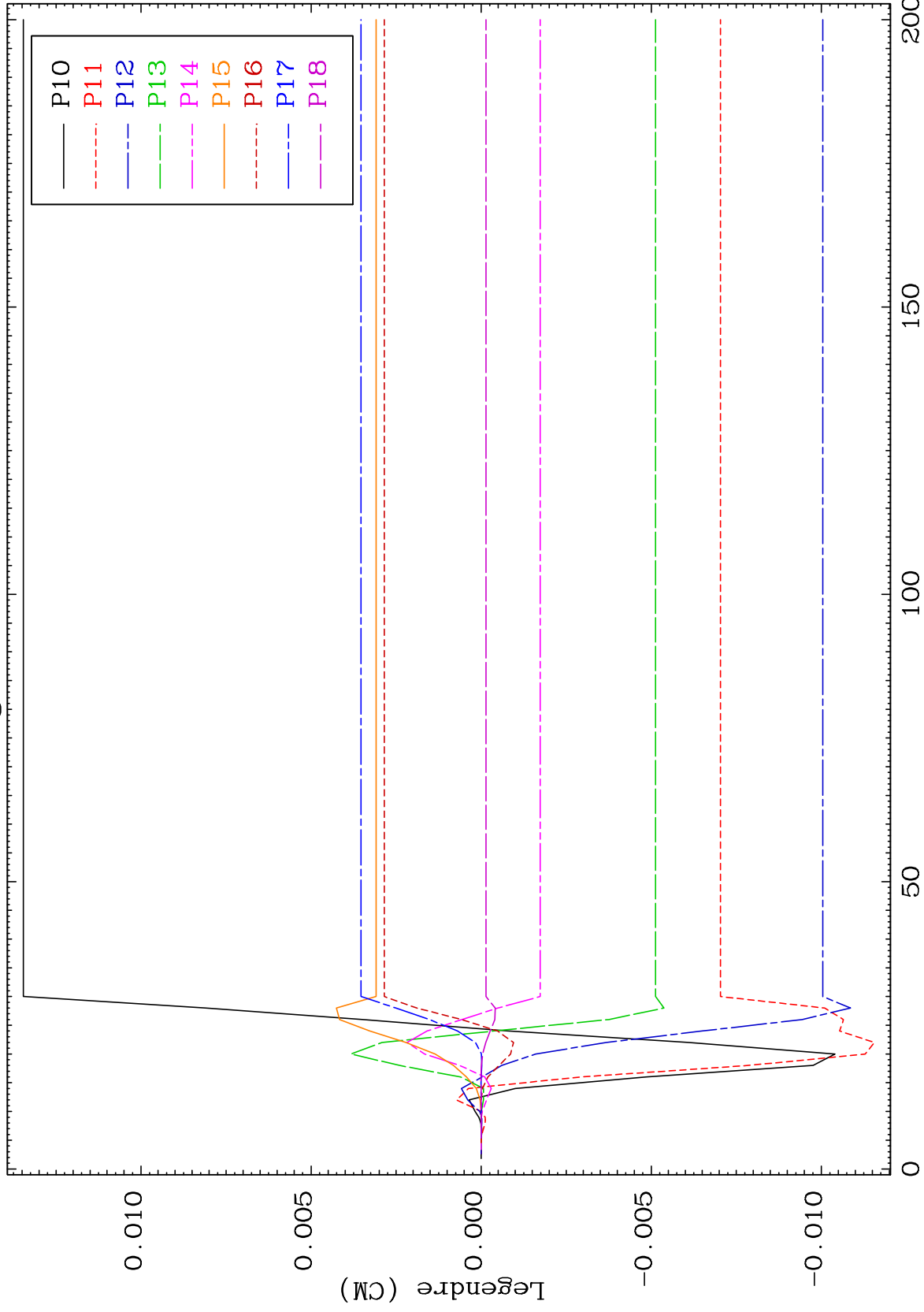
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



82

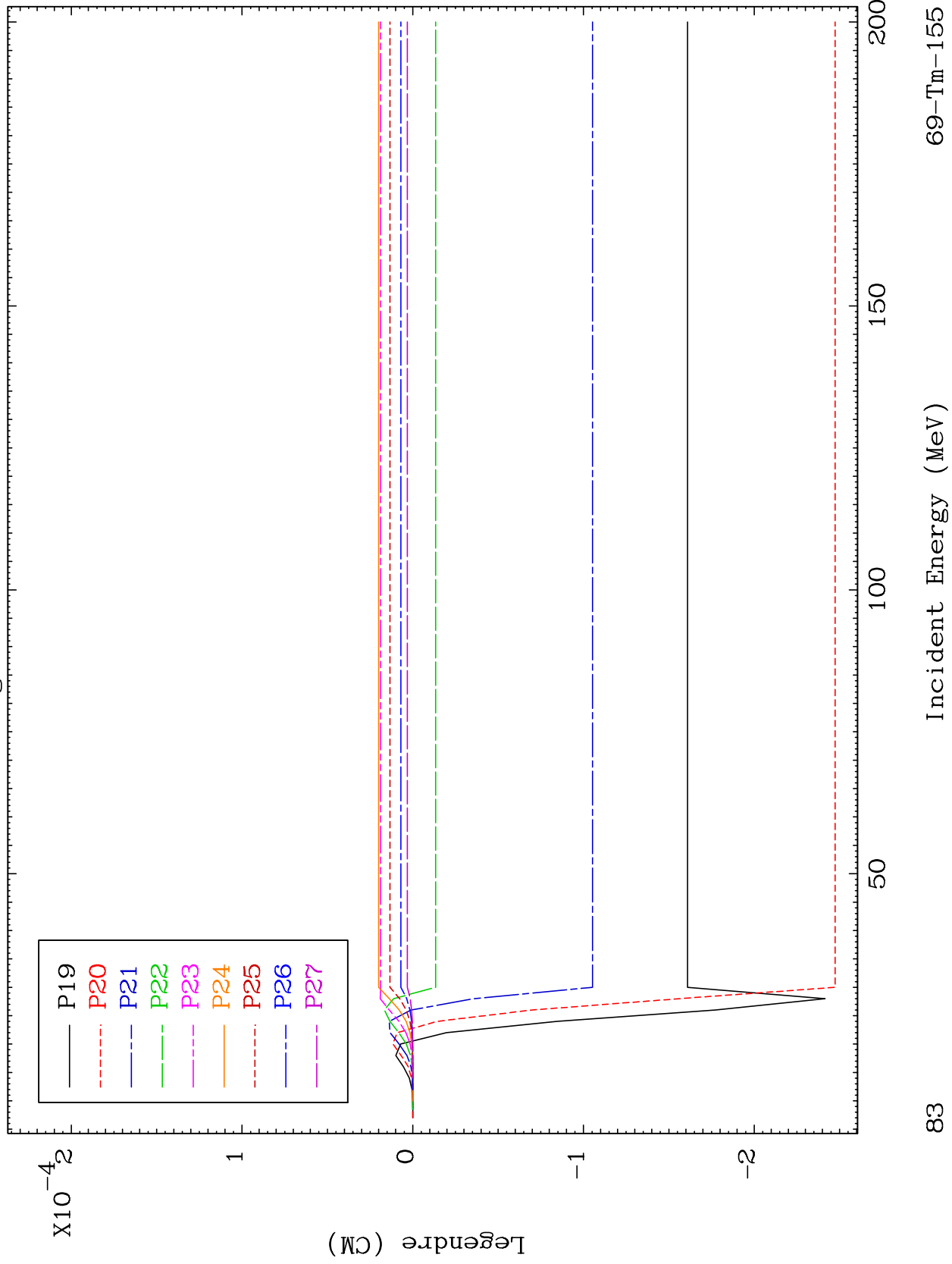
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

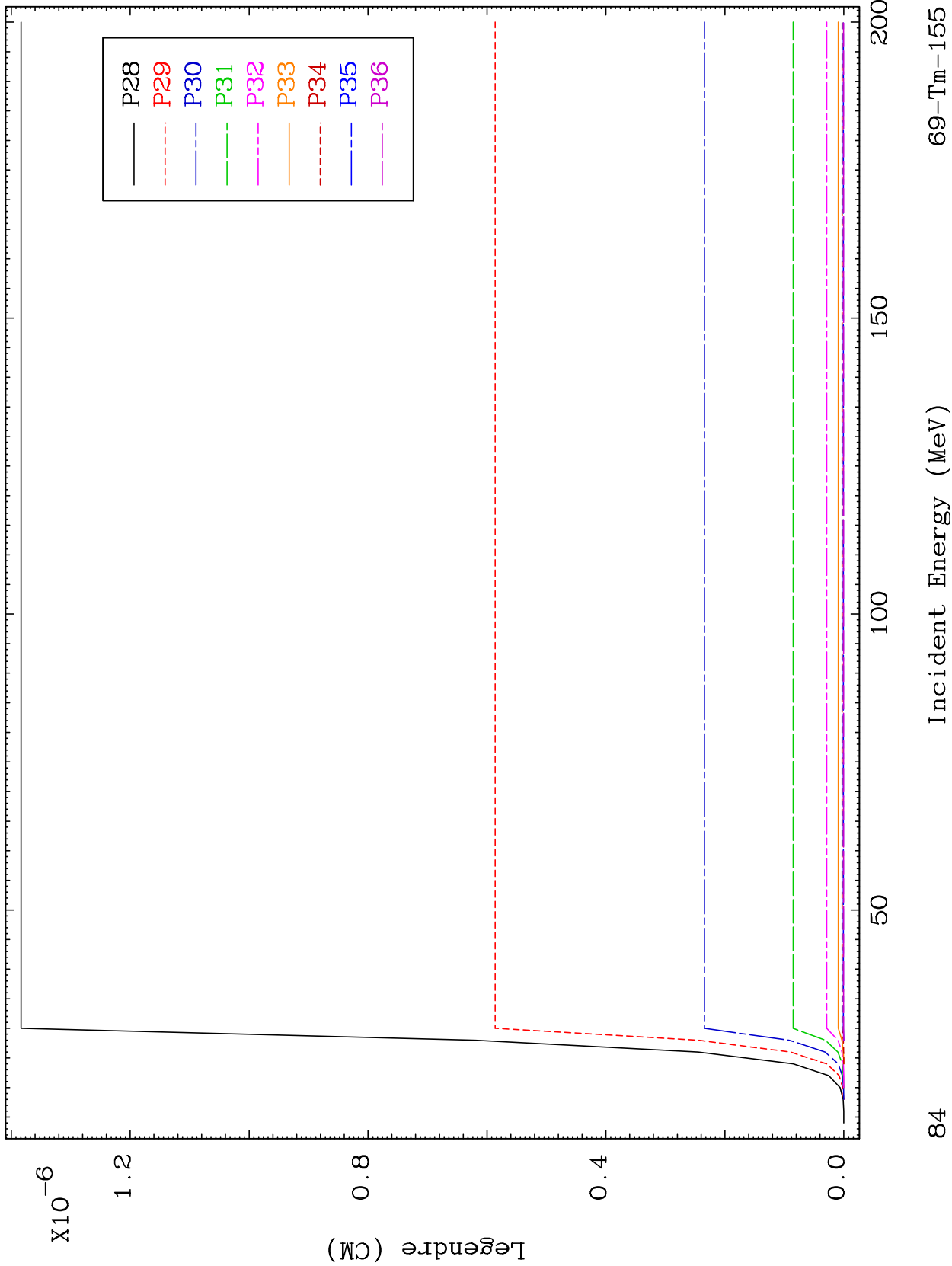
69-Tm-155



MAT 6883

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

69-Tm-155



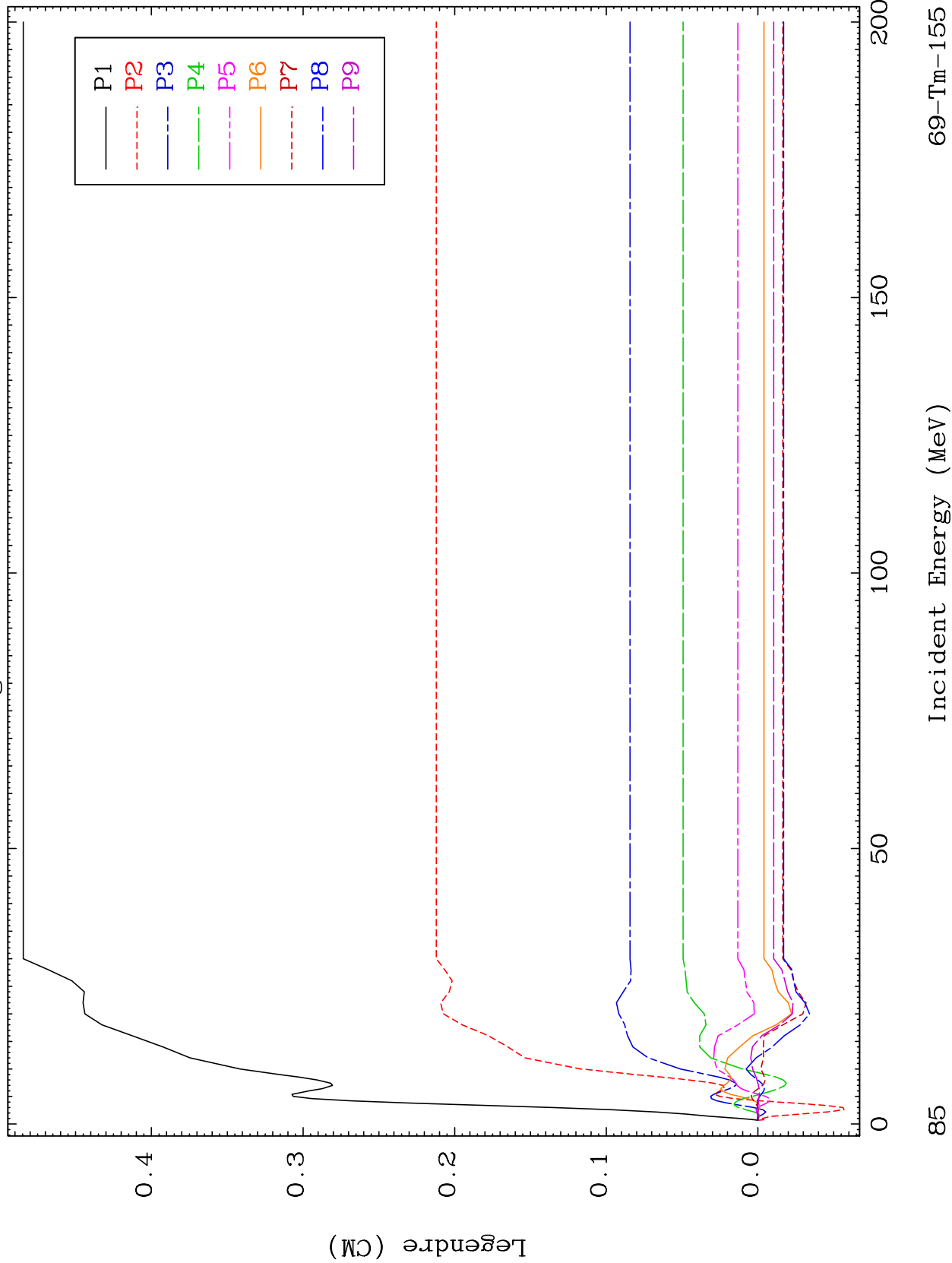
84

69-Tm-155

MAT 6883

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

69-Tm-155



69-Tm-155

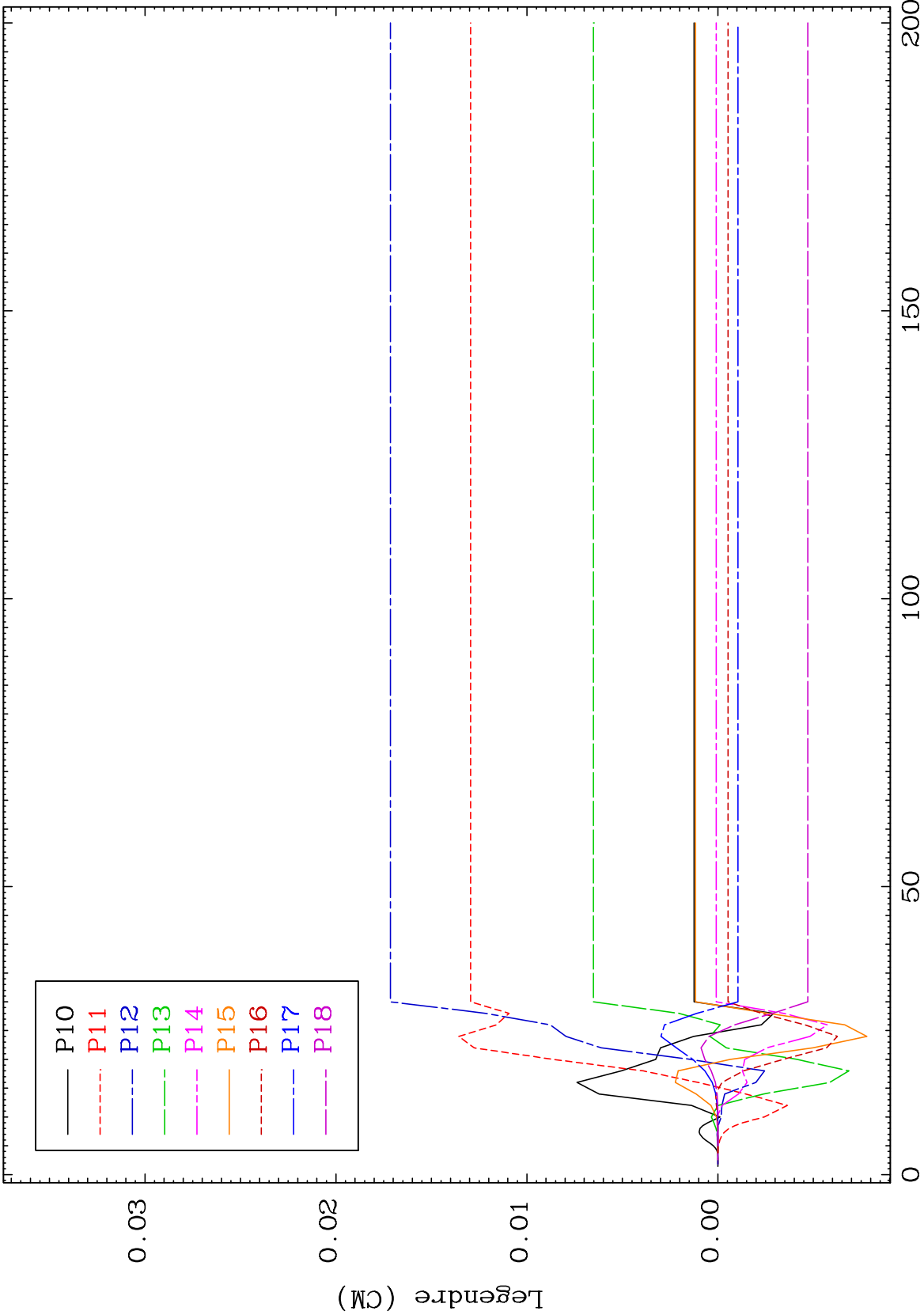
Incident Energy (MeV)

85

MAT 6883

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

69-Tm-155



86

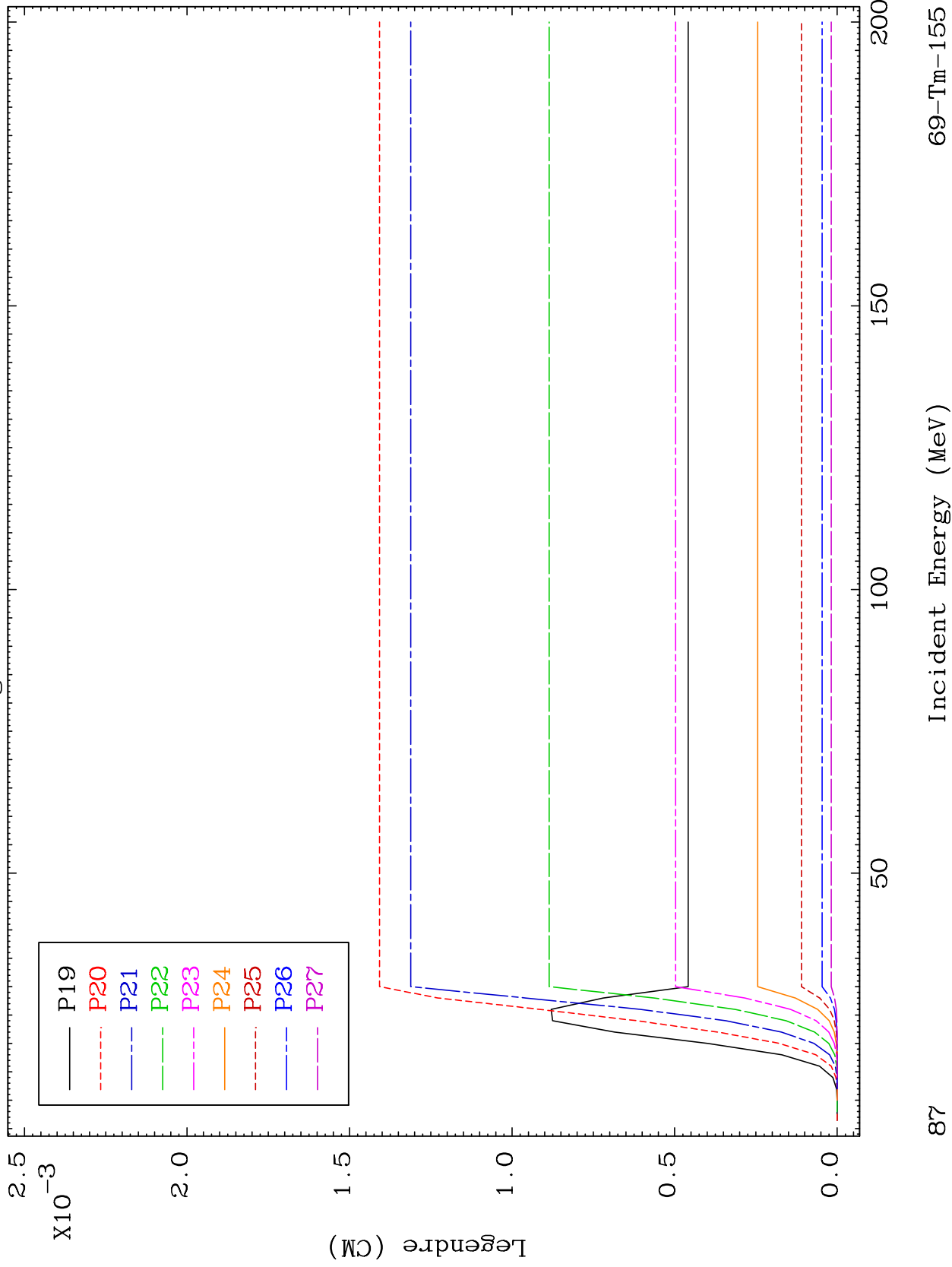
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

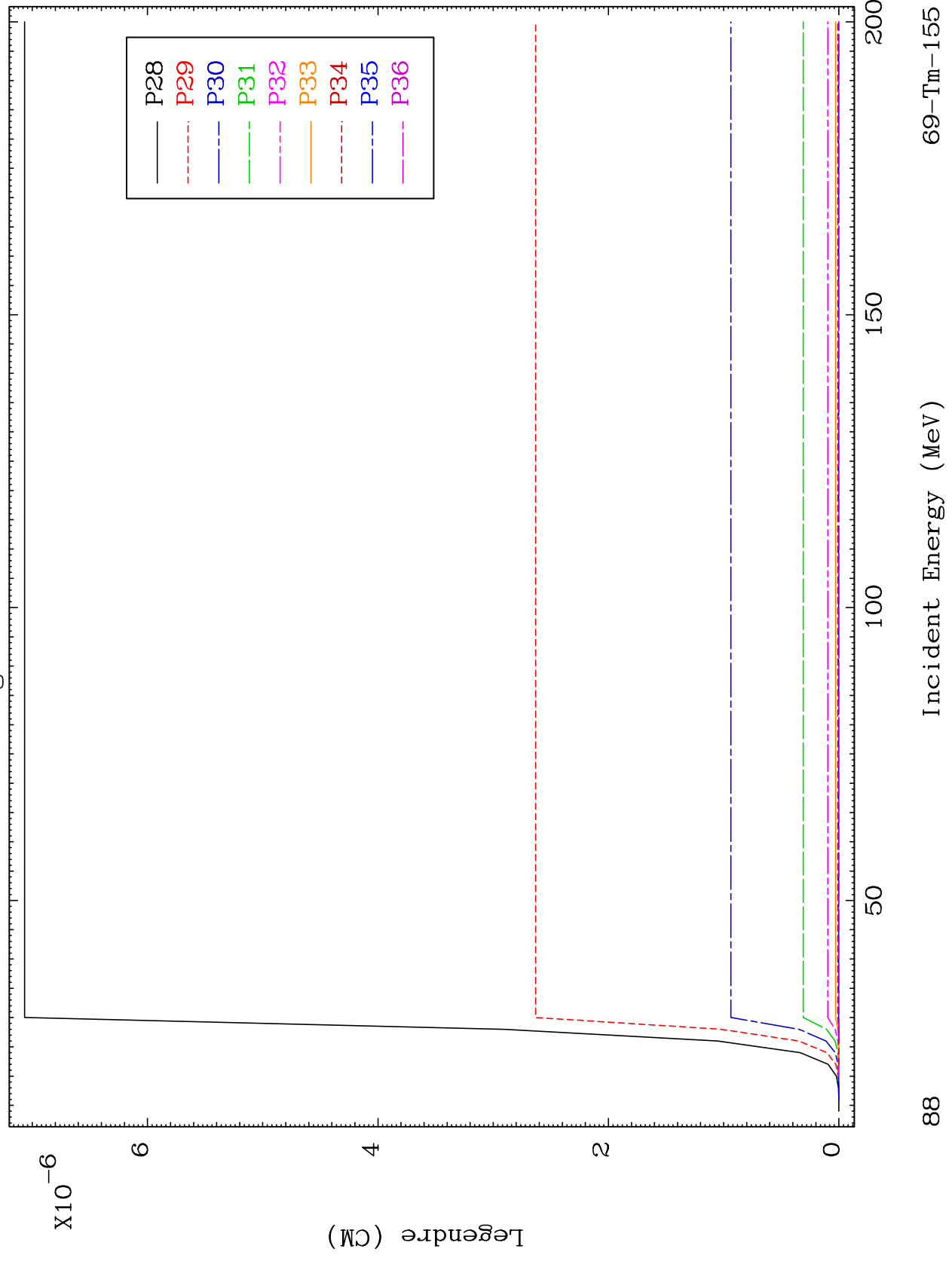
69-Tm-155



MAT 6883

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

69-Tm-155



88

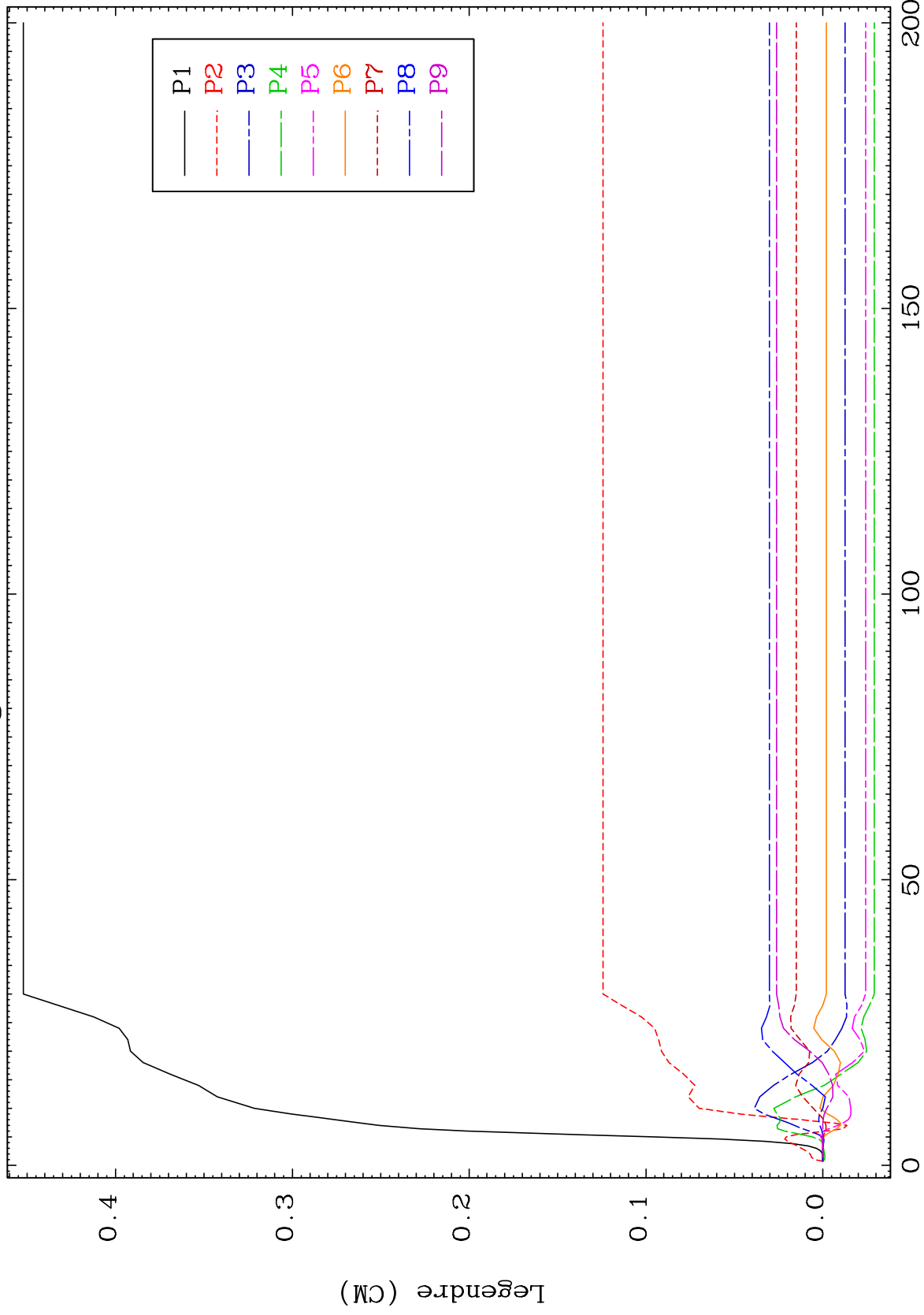
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



89

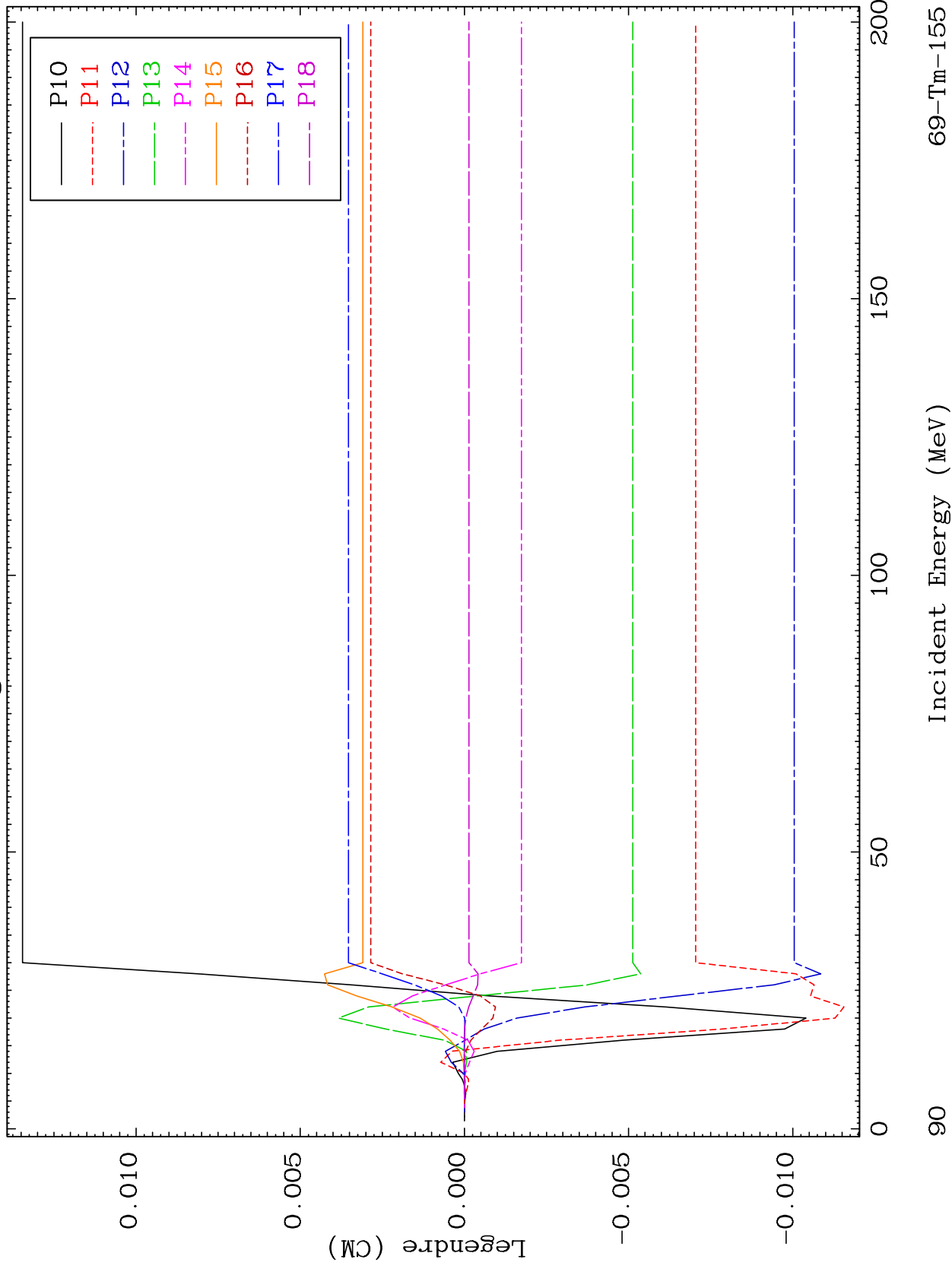
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

69-Tm-155



69-Tm-155

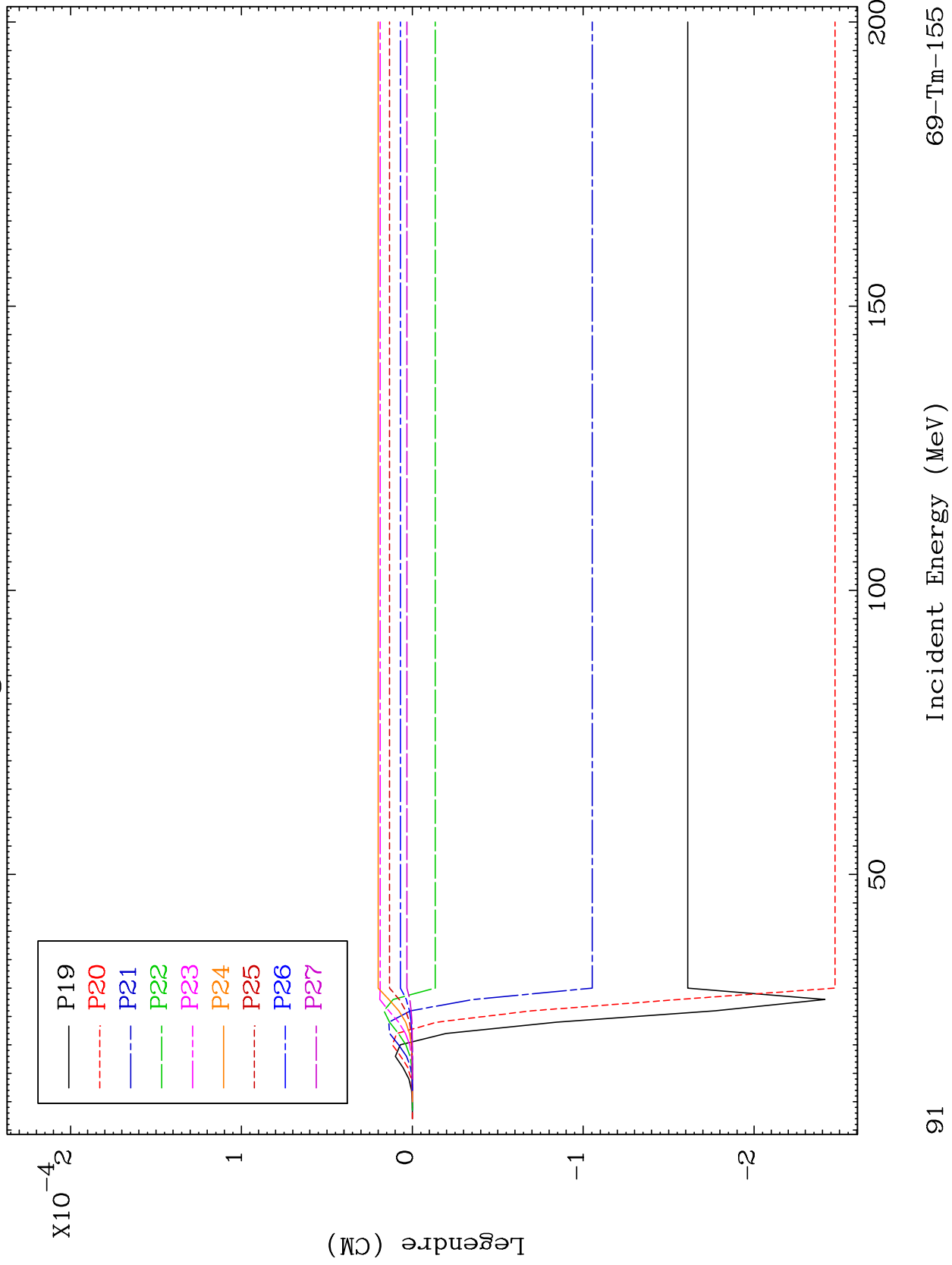
Incident Energy (MeV)

90

MAT 6883

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

69-Tm-155



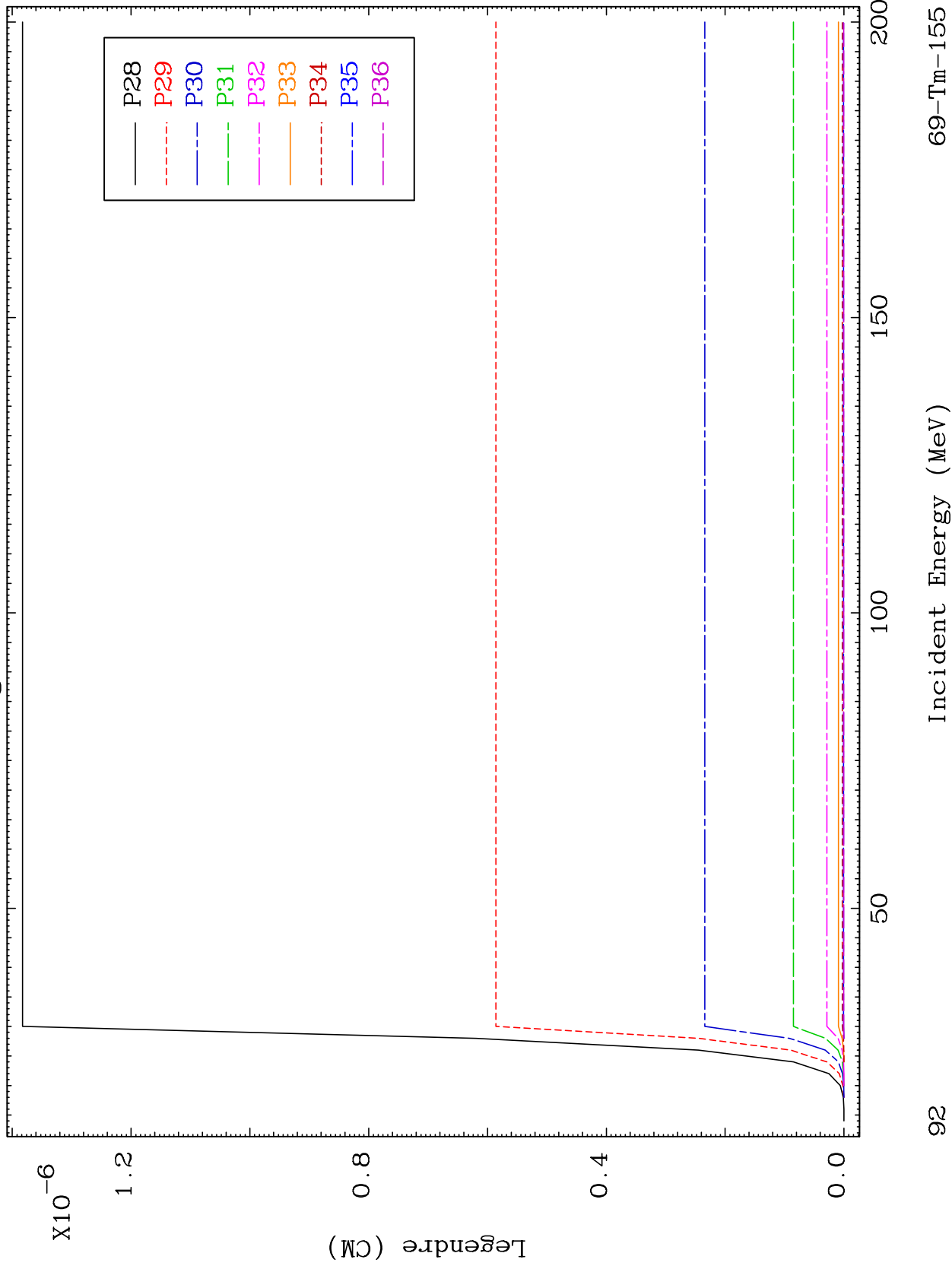
91

69-Tm-155

MAT 6883

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

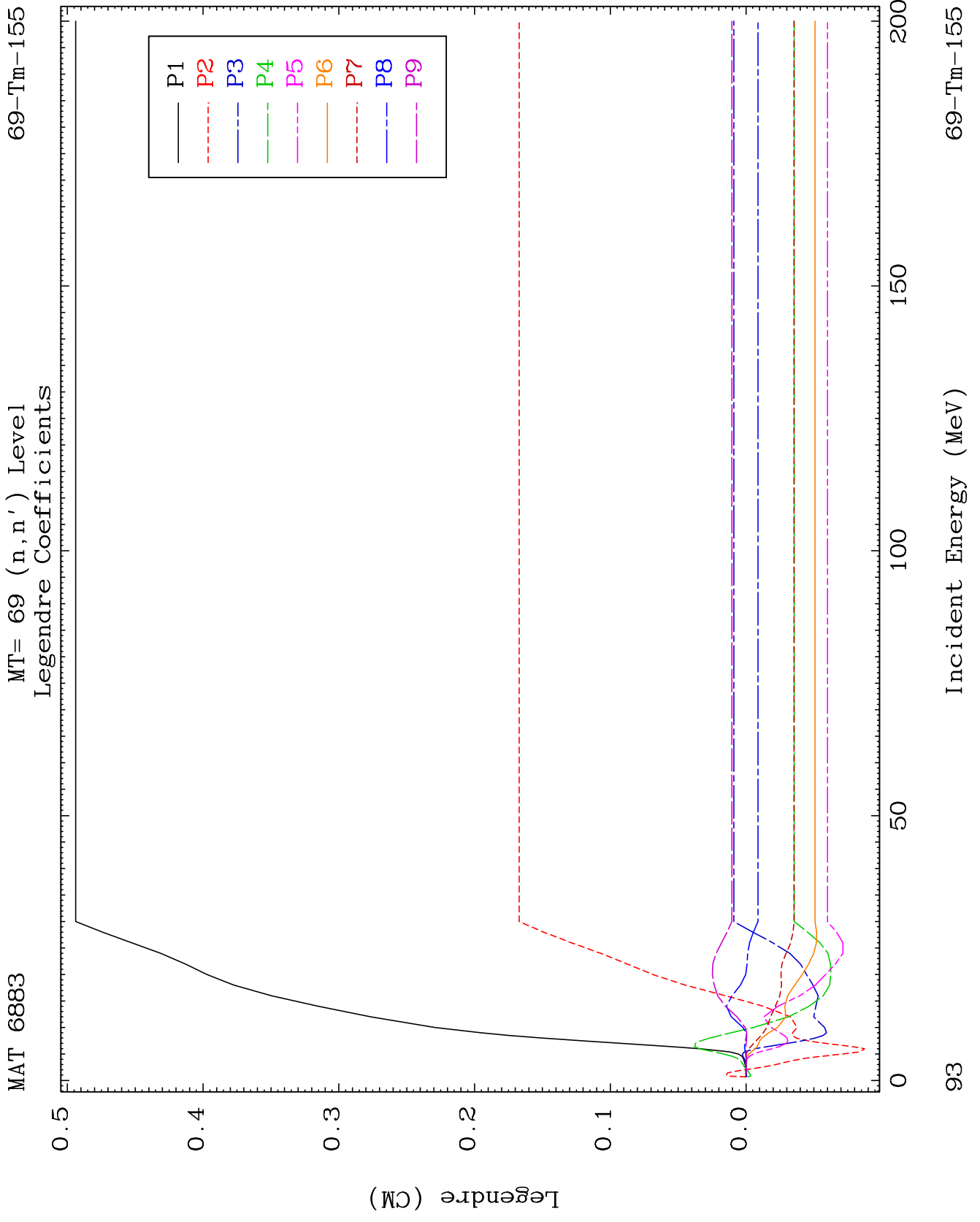
69-Tm-155



92

Incident Energy (MeV)

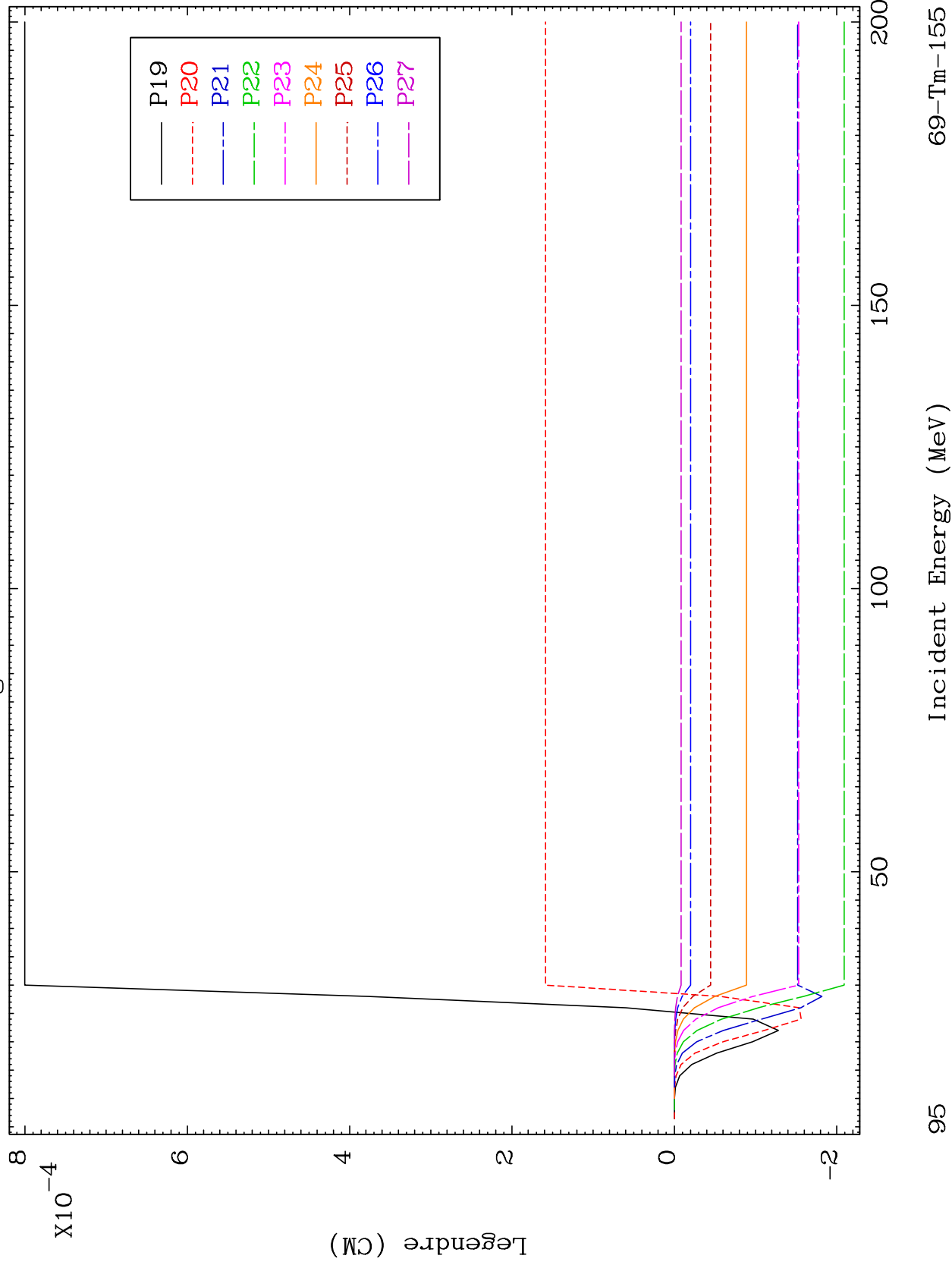
69-Tm-155



MAT 6883

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

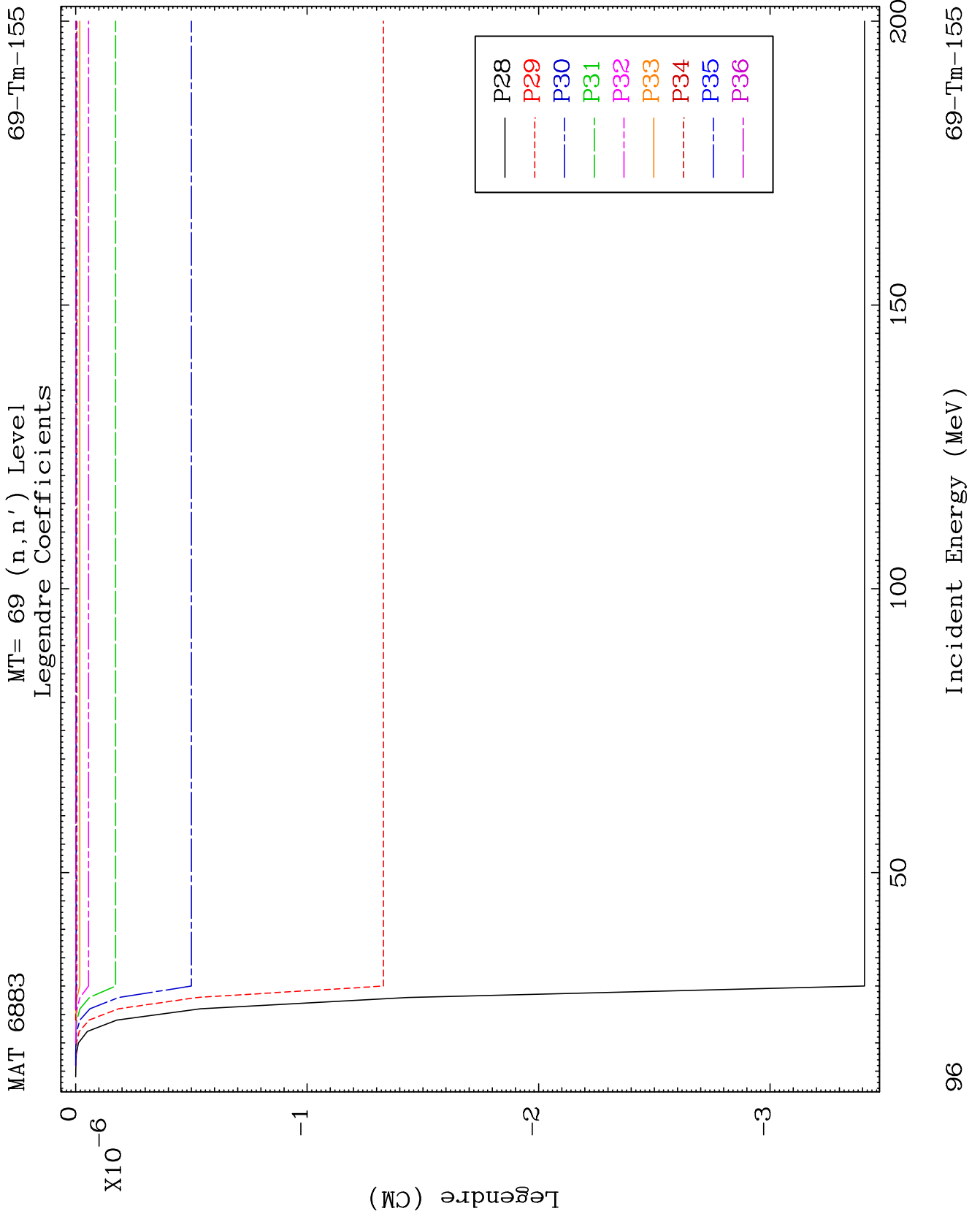
69-Tm-155



95

Incident Energy (MeV)

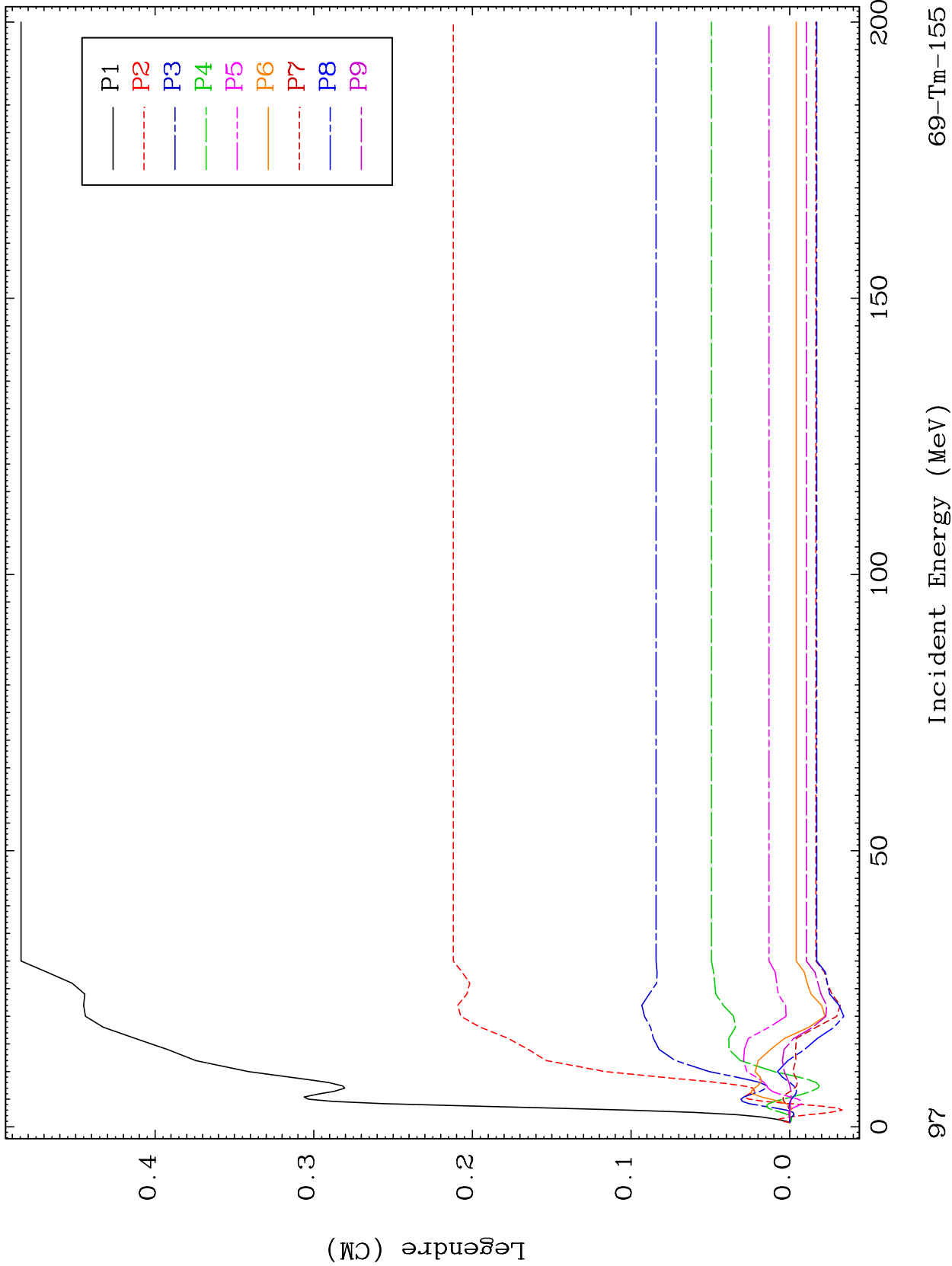
69-Tm-155



MAT 6883

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

69-Tm-155



69-Tm-155

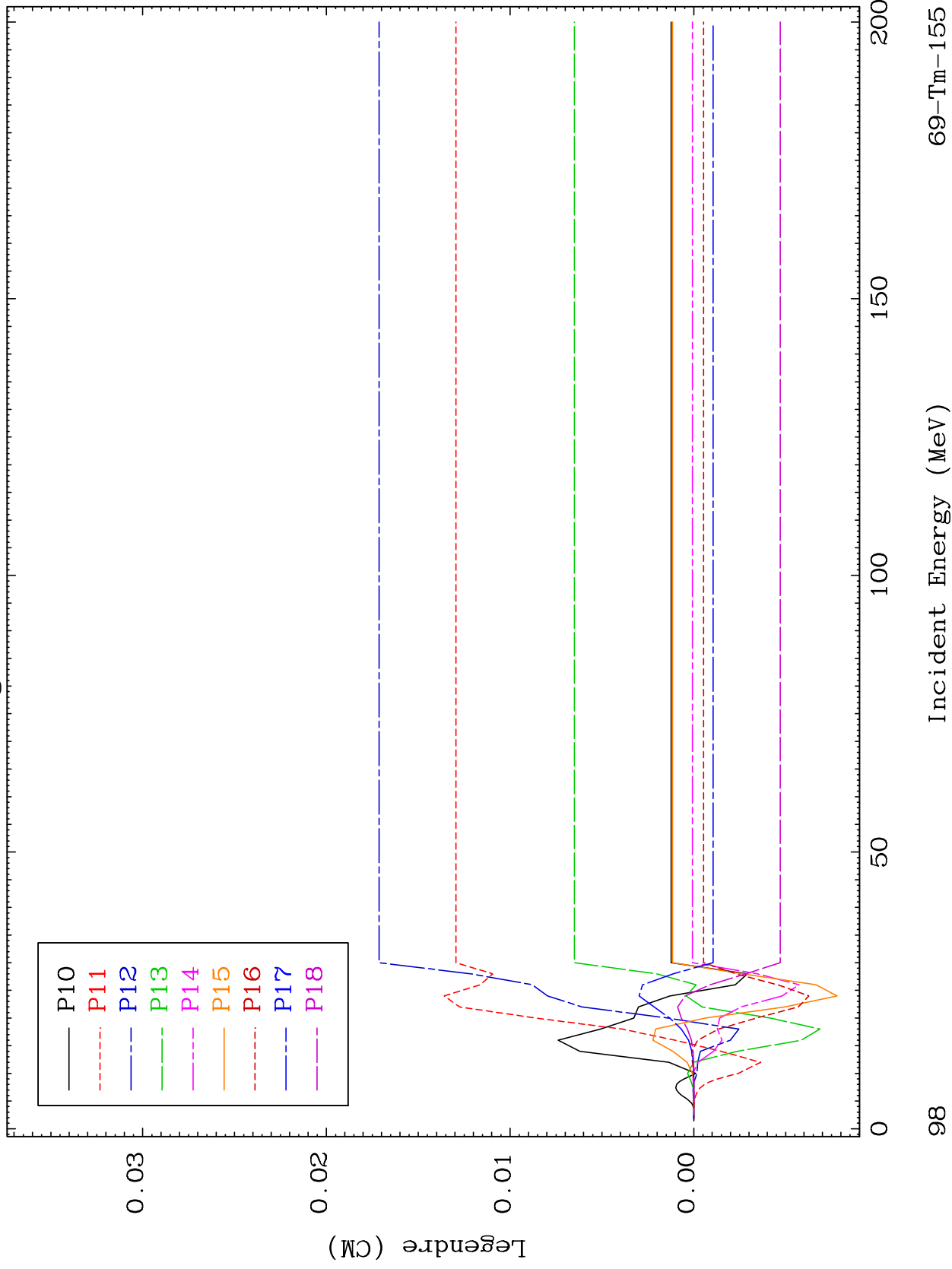
Incident Energy (MeV)

97

MAT 6883

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

69-Tm-155



69-Tm-155

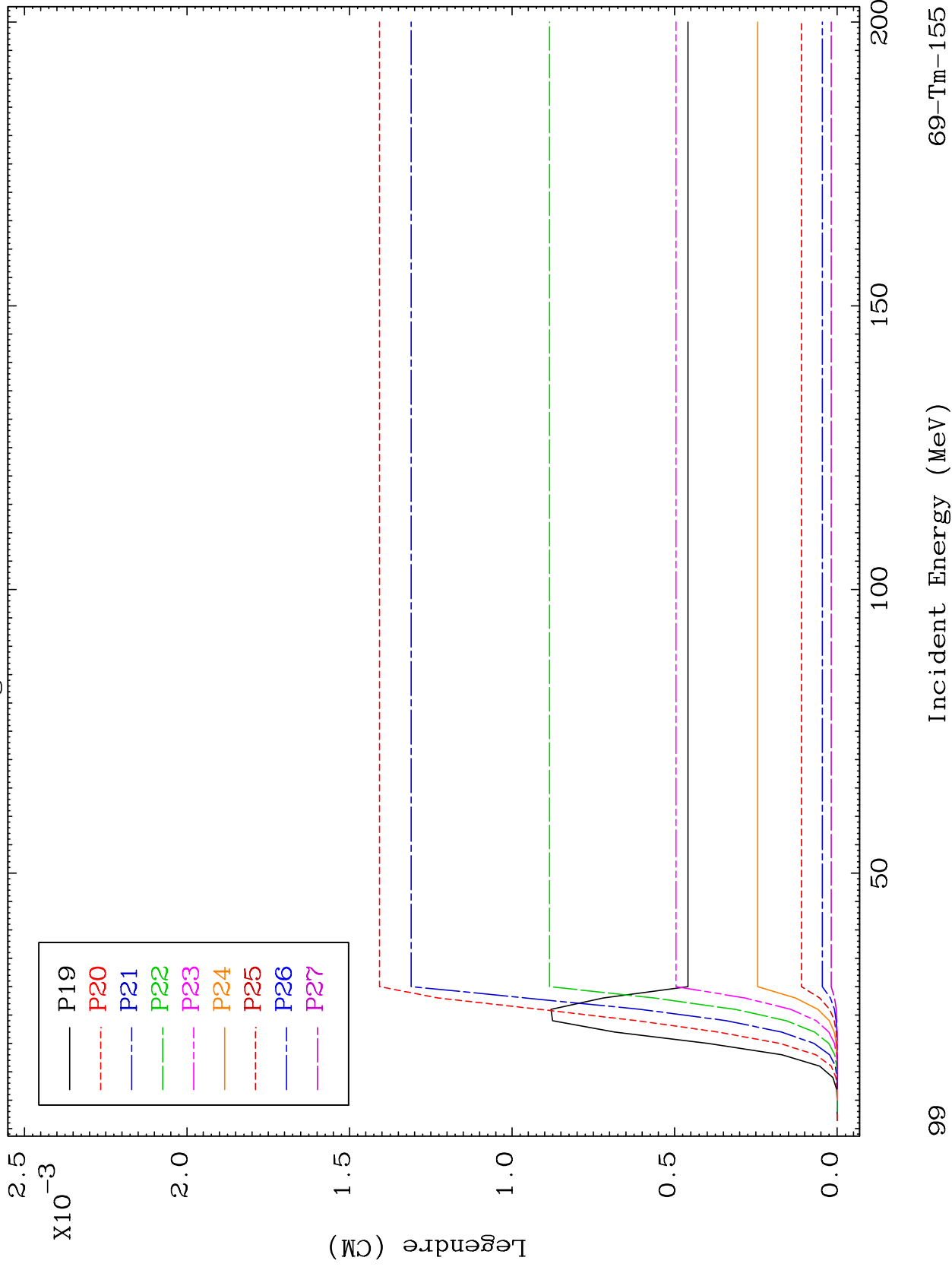
Incident Energy (MeV)

98

MAT 6883

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

69-Tm-155



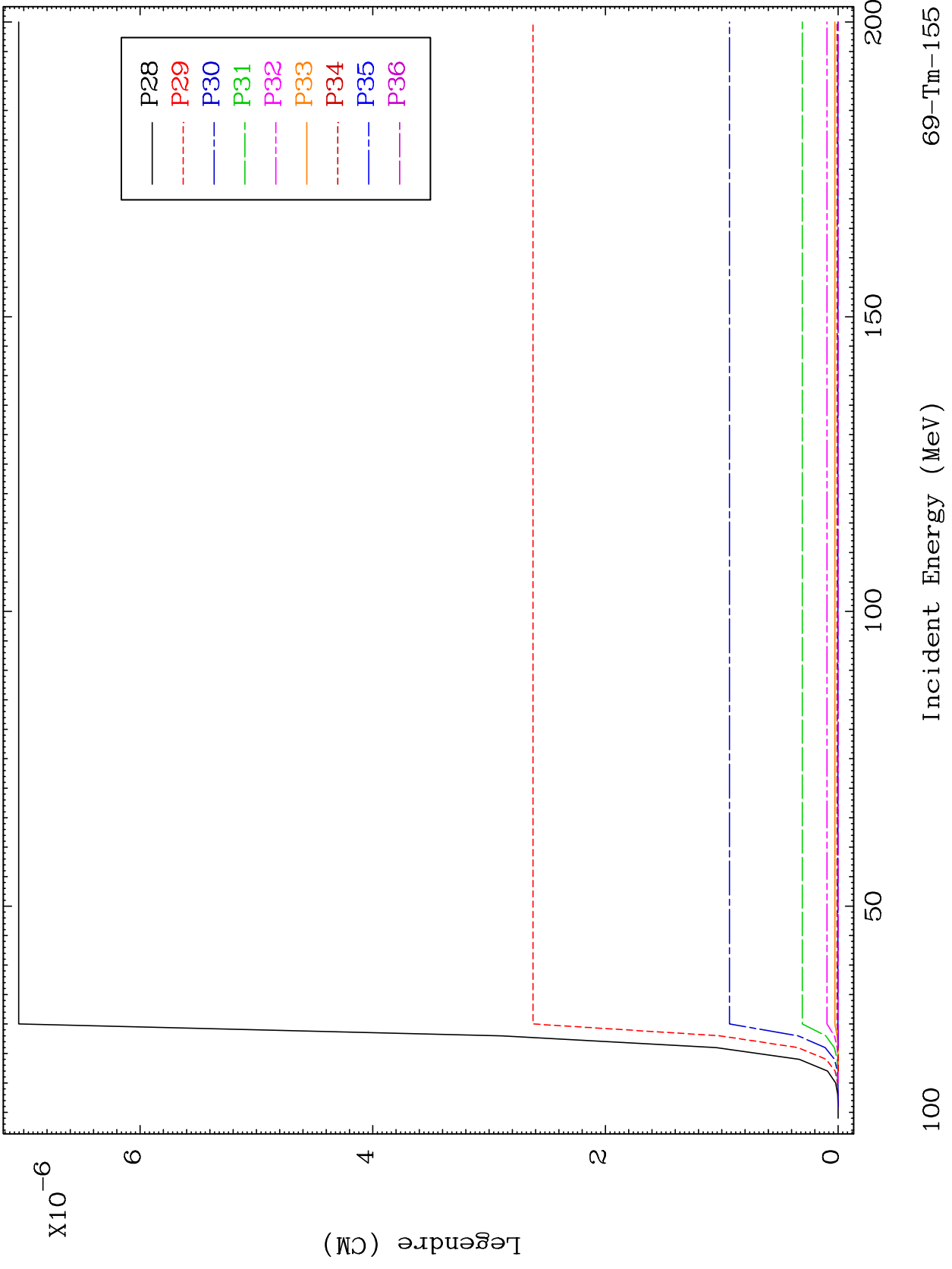
99

69-Tm-155

MAT 6883

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

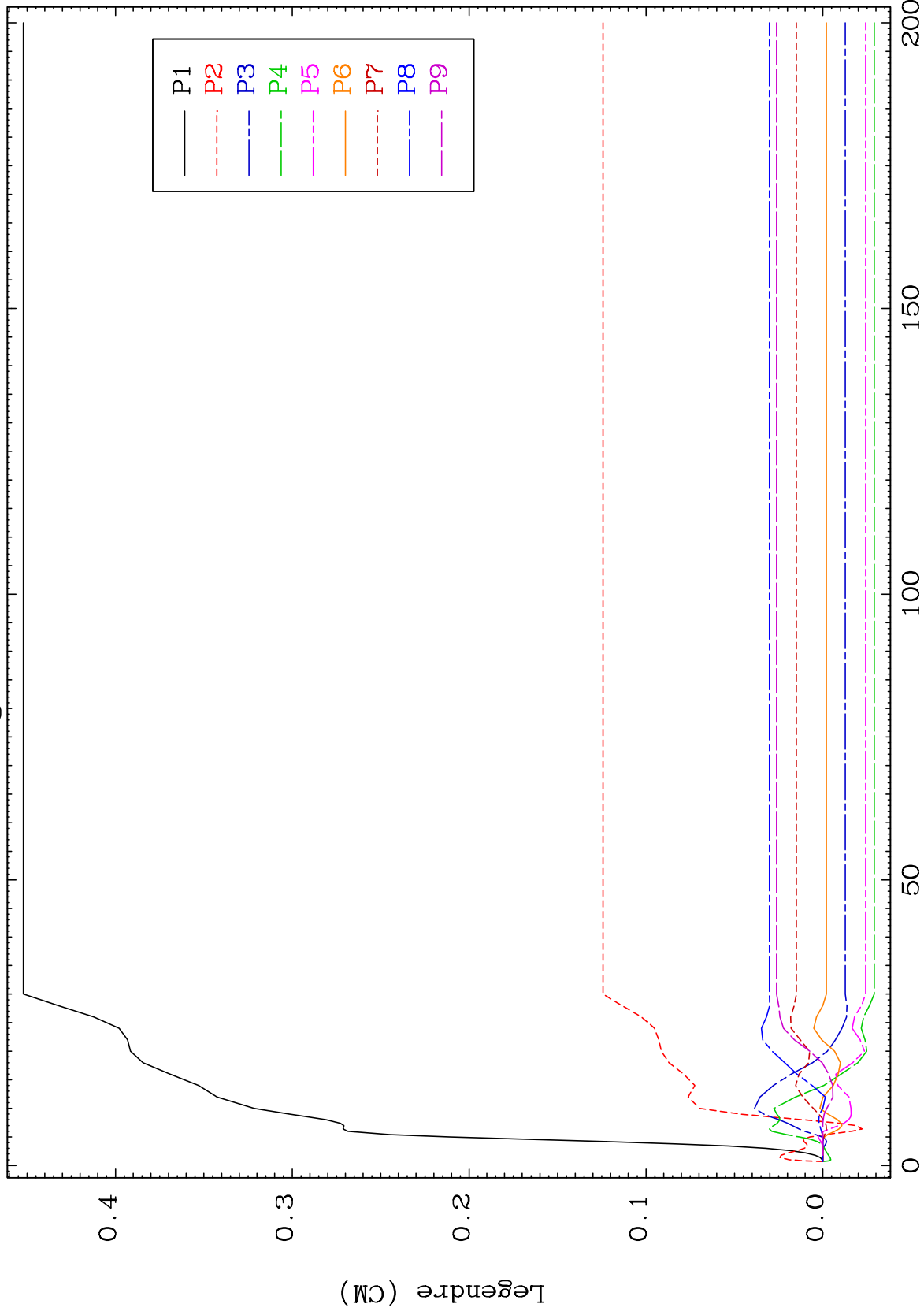
69-Tm-155



MAT 6883

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

69-Tm-155



69-Tm-155

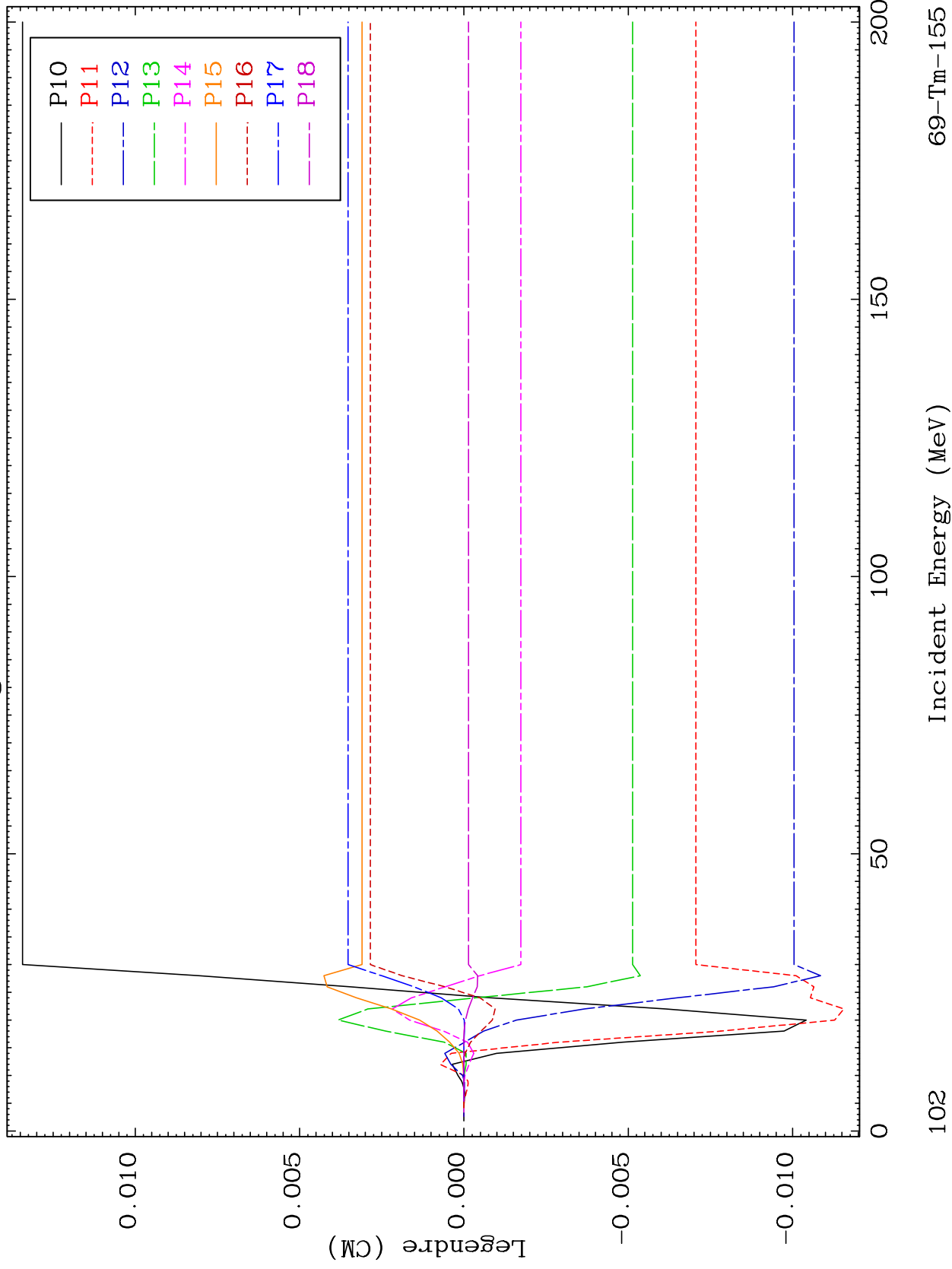
Incident Energy (MeV)

101

MAT 6883

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

69-Tm-155



102

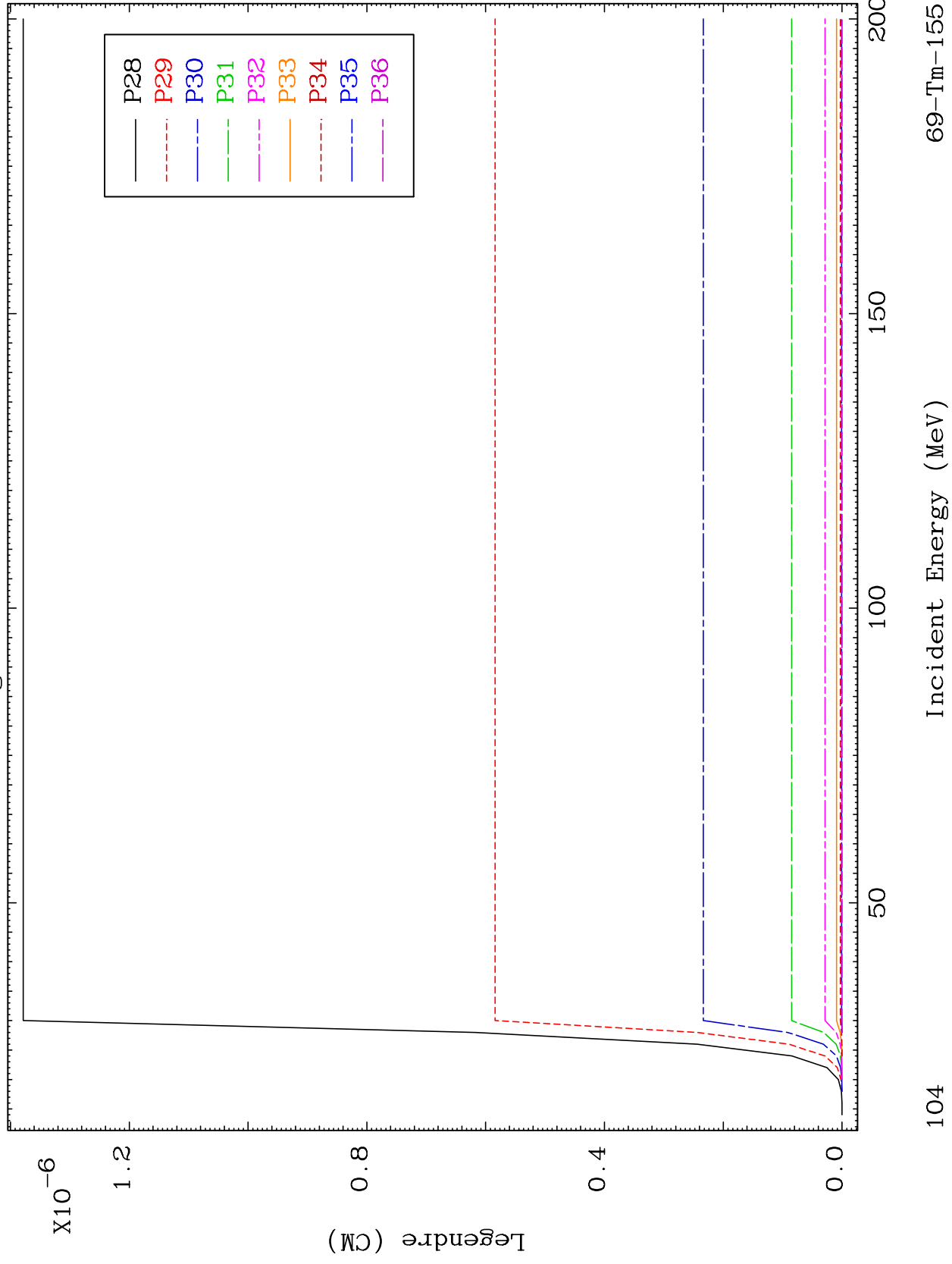
Incident Energy (MeV)

69-Tm-155

MAT 6883

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

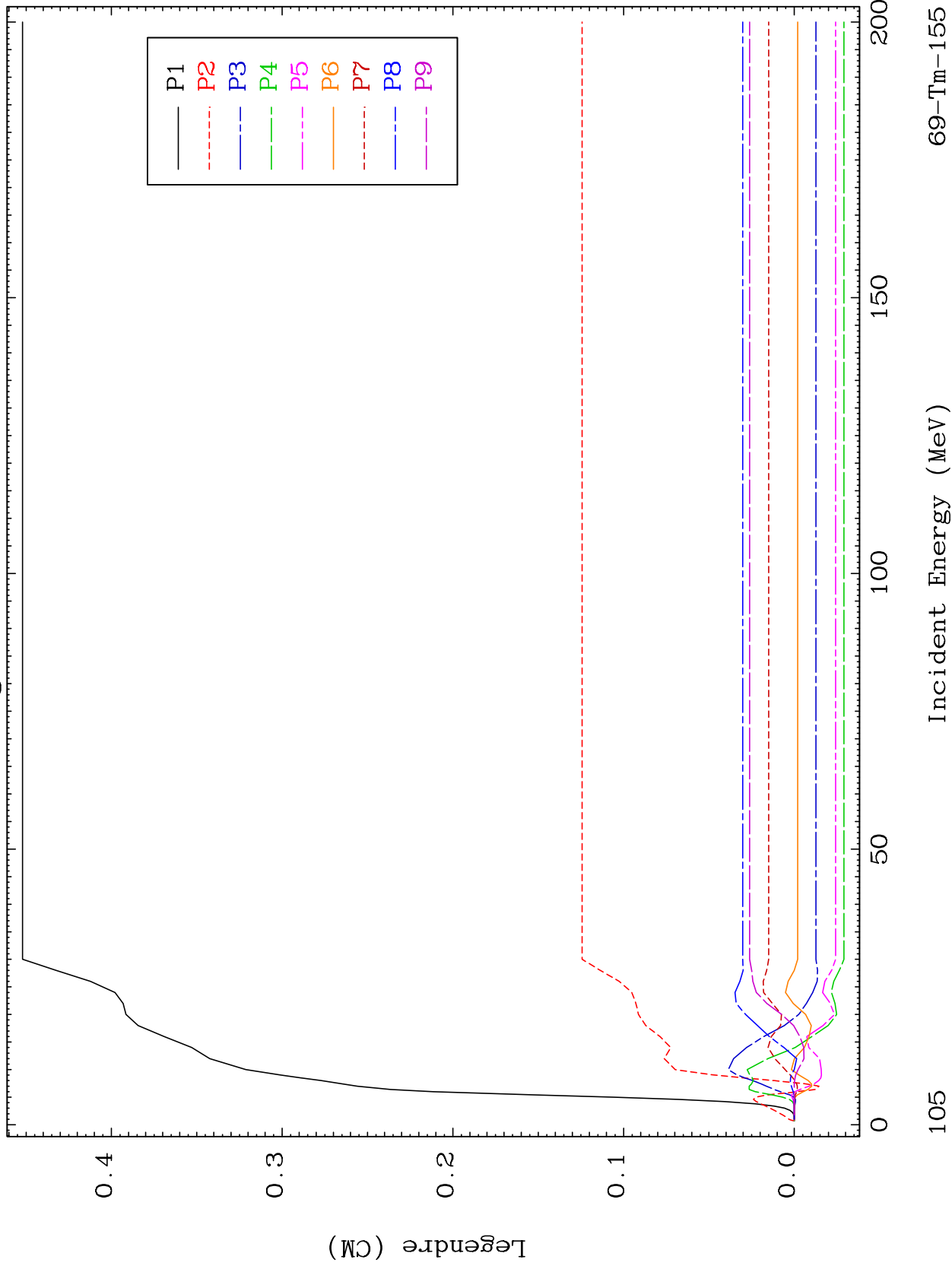
69-Tm-155



MAT 6883

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

69-Tm-155



69-Tm-155

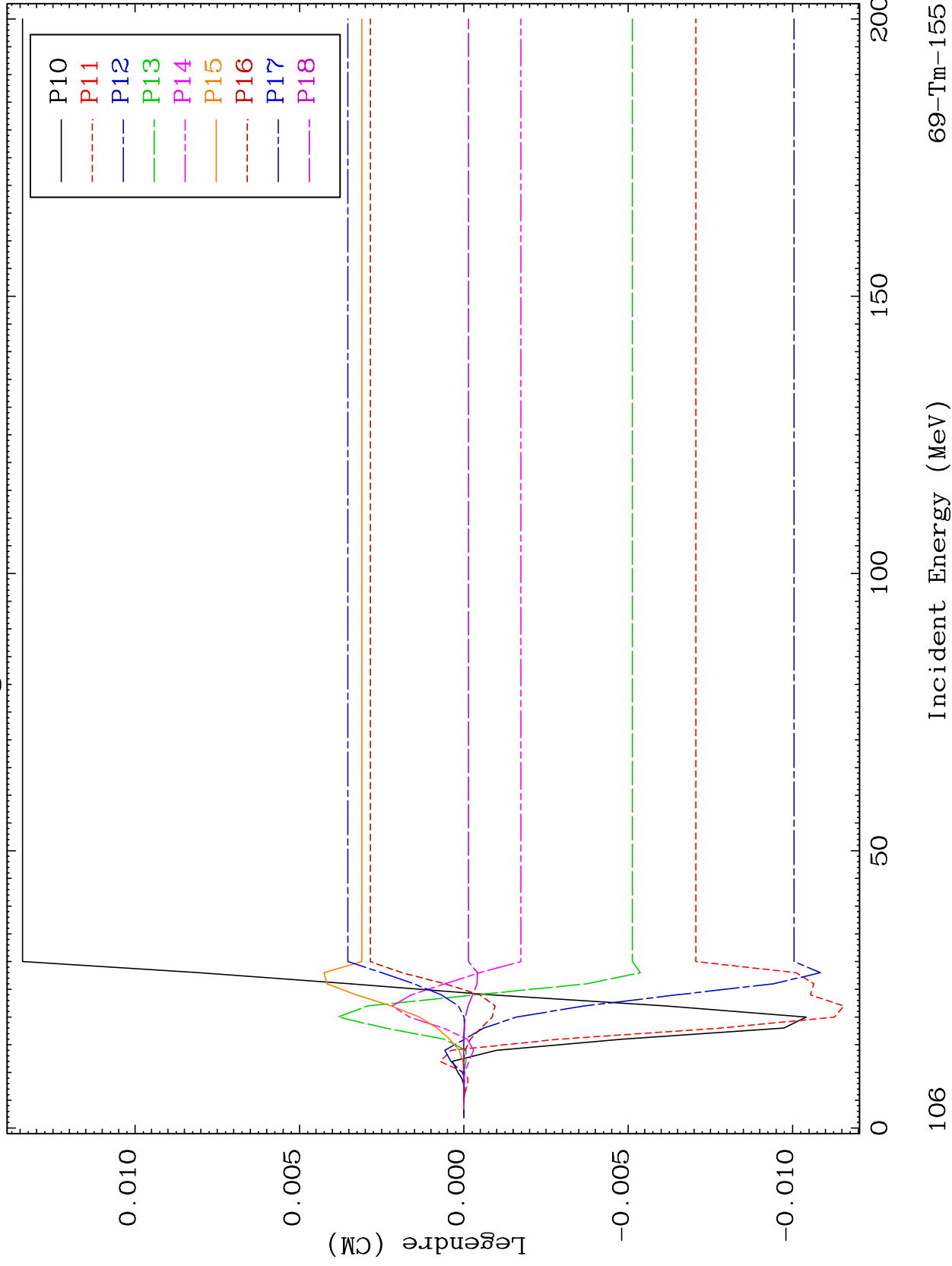
Incident Energy (MeV)

105

MAT 6883

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

69-Tm-155



69-Tm-155

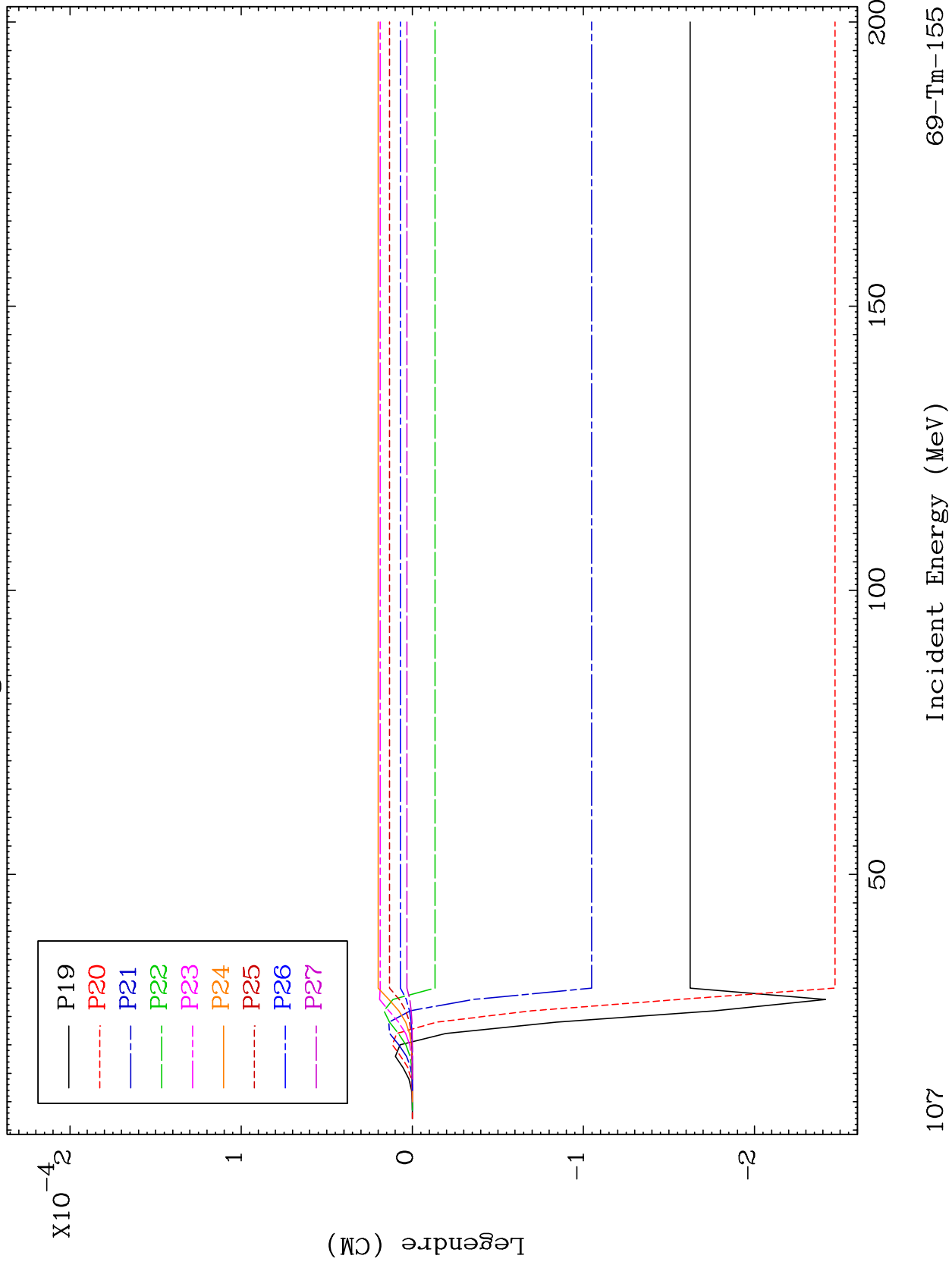
Incident Energy (MeV)

106

MAT 6883

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

69-Tm-155



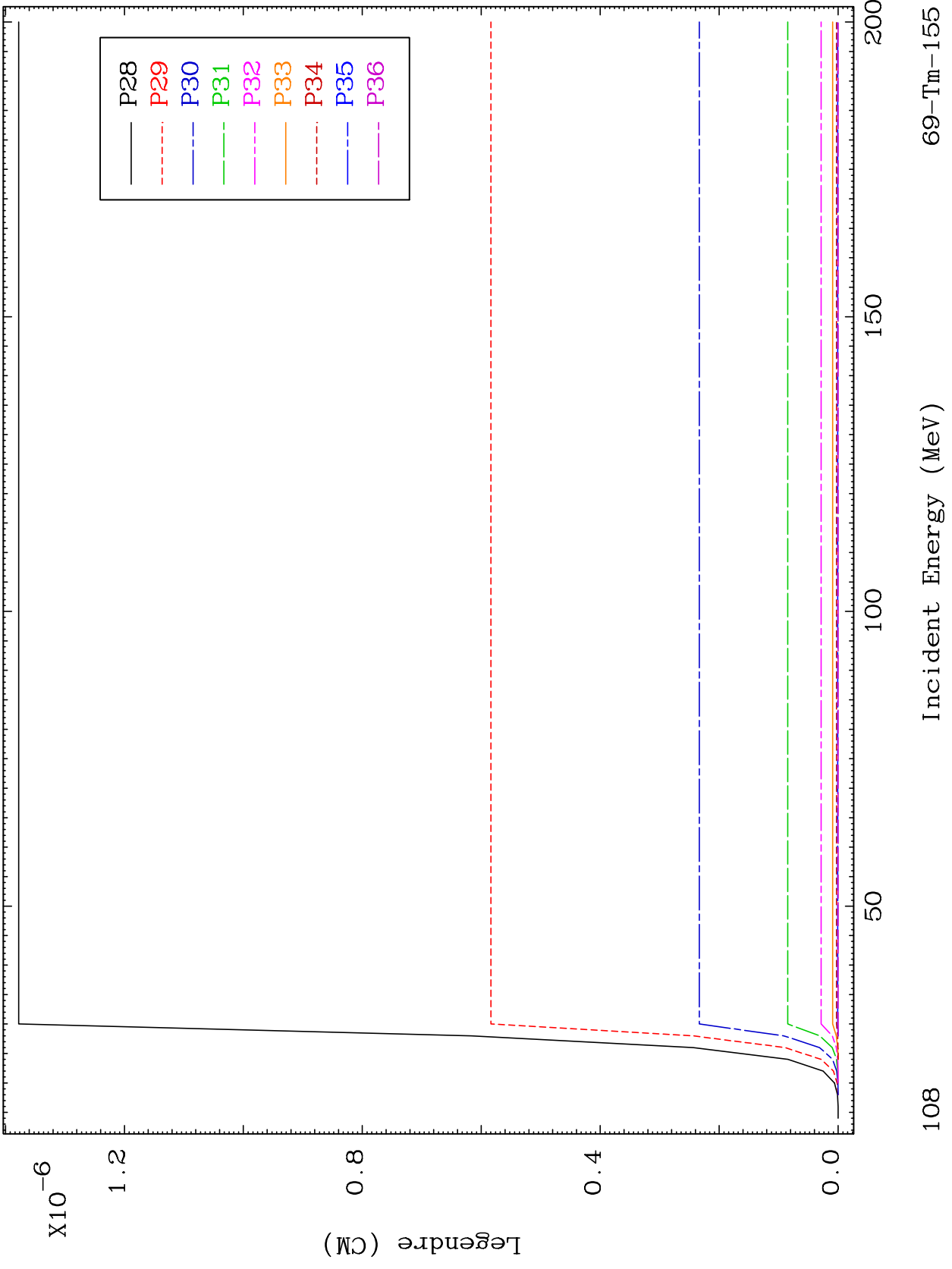
107

69-Tm-155

MAT 6883

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

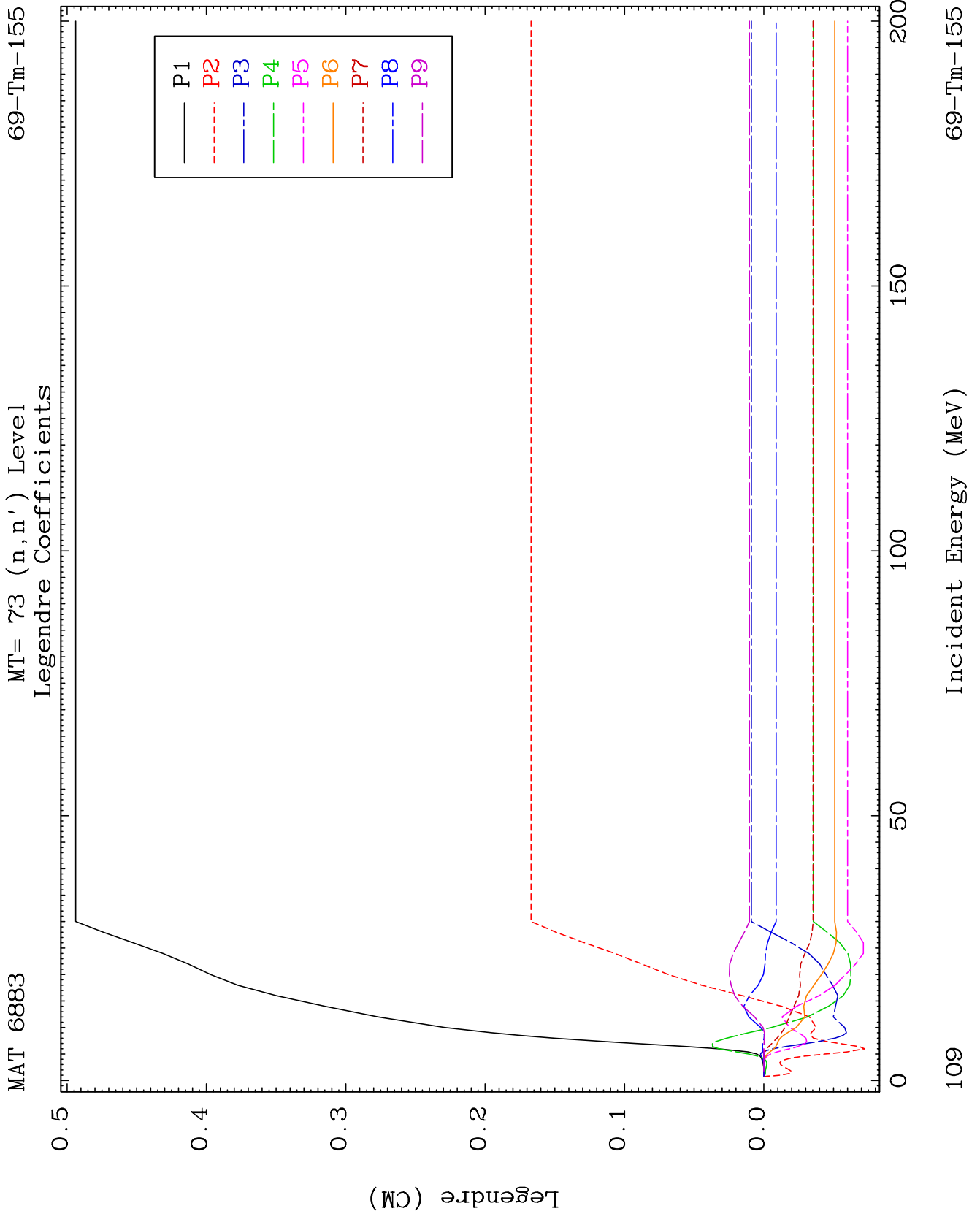
69-Tm-155



69-Tm-155

Incident Energy (MeV)

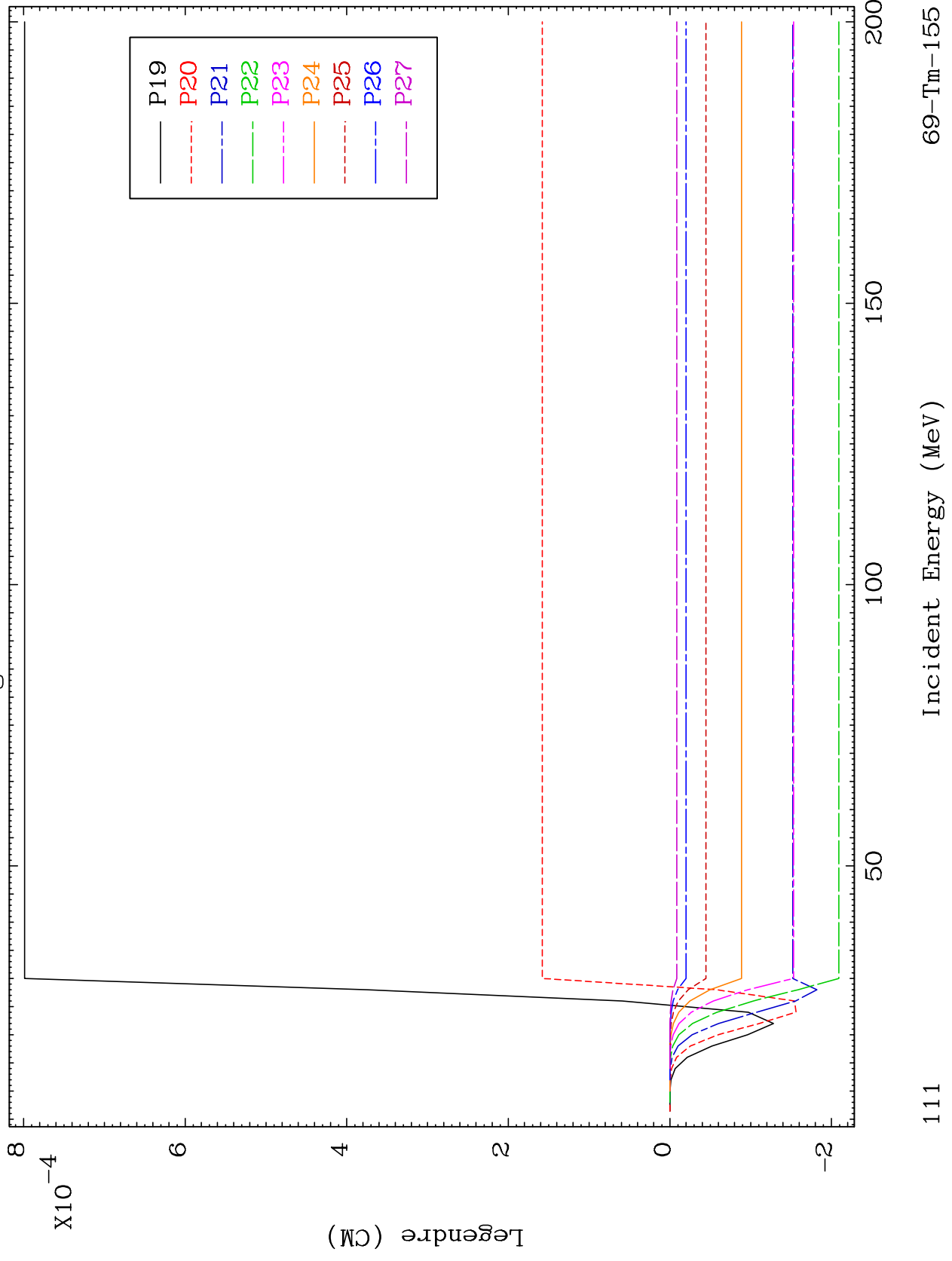
108

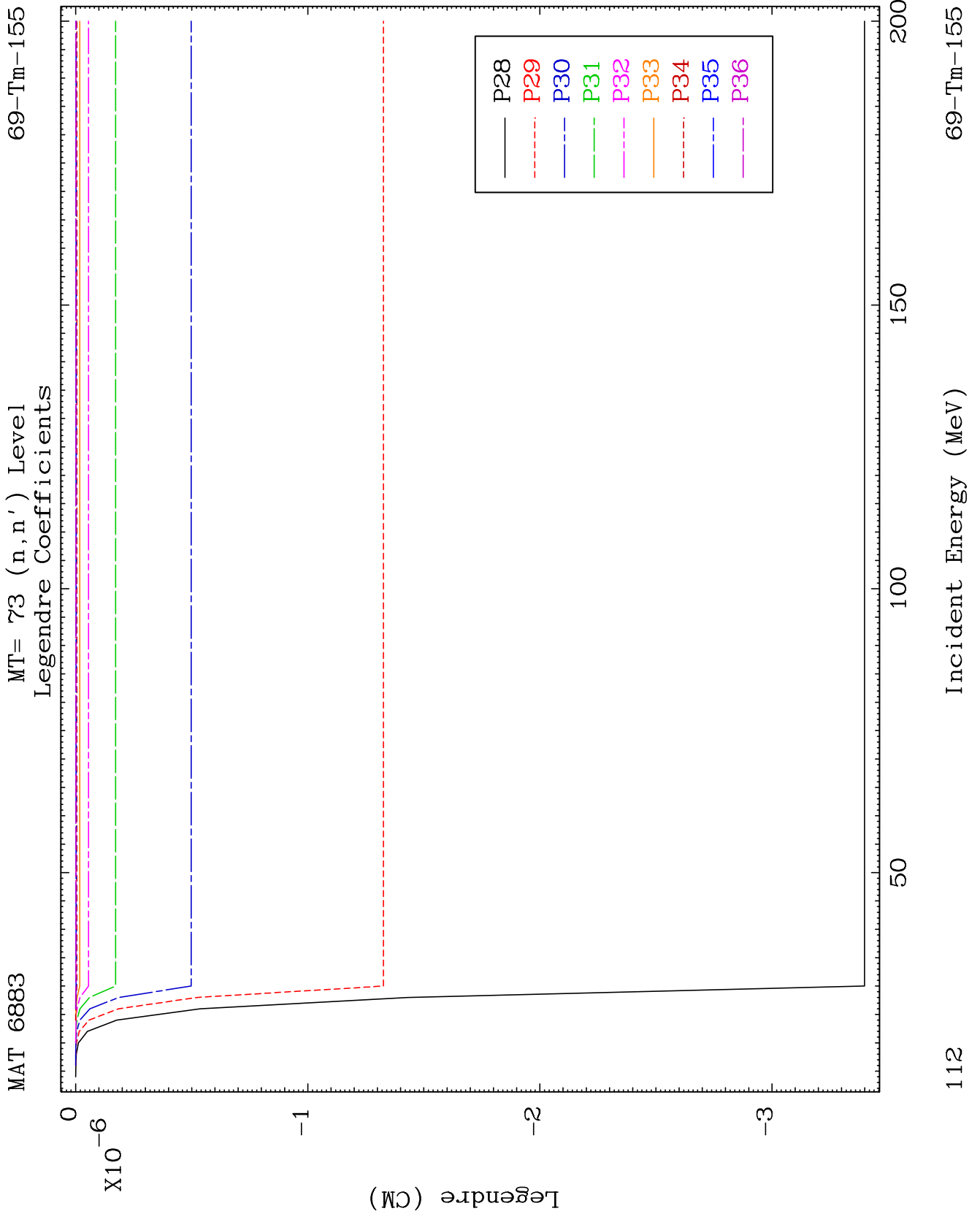


MAT 6883

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

69-Tm-155

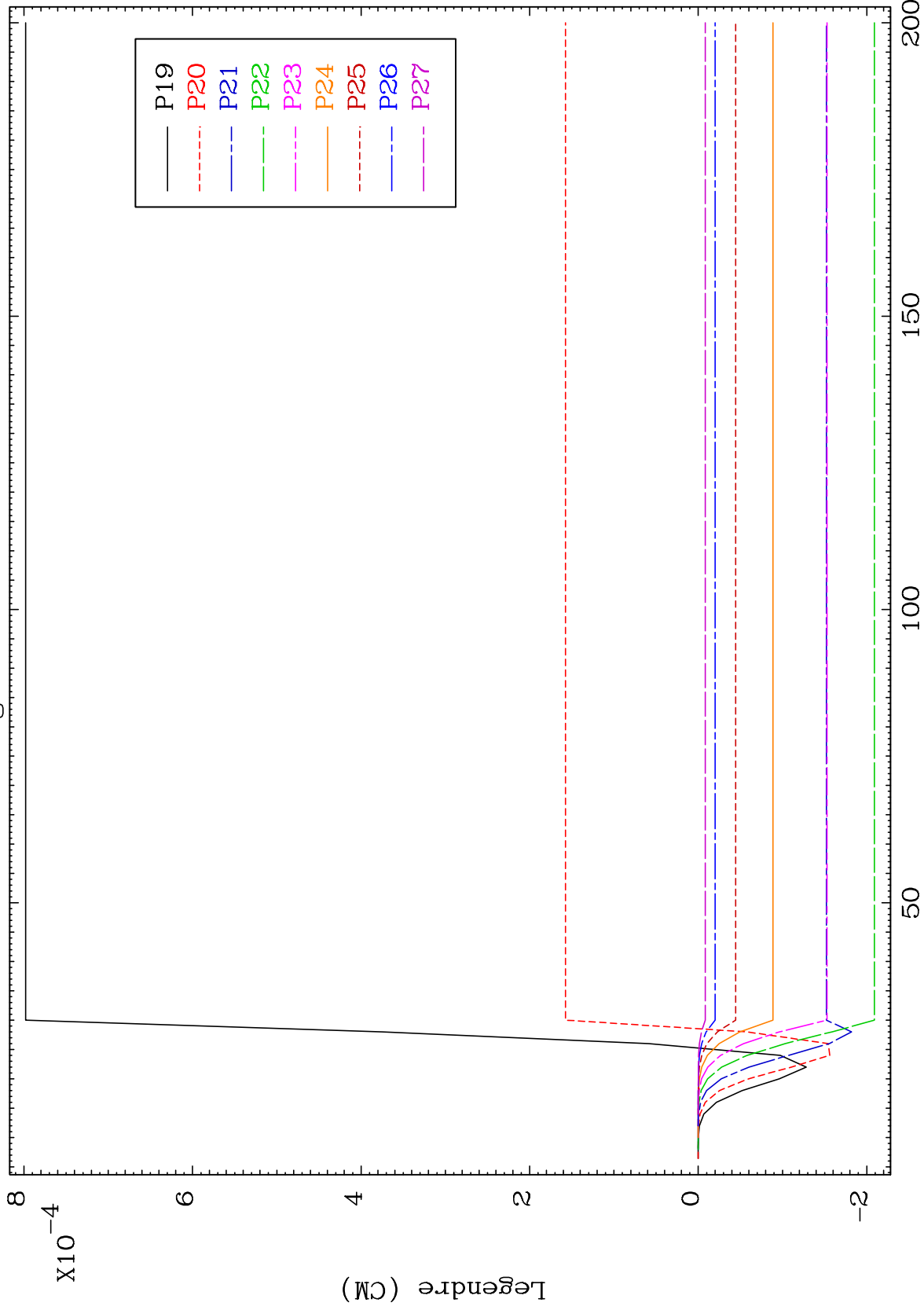




MAT 6883

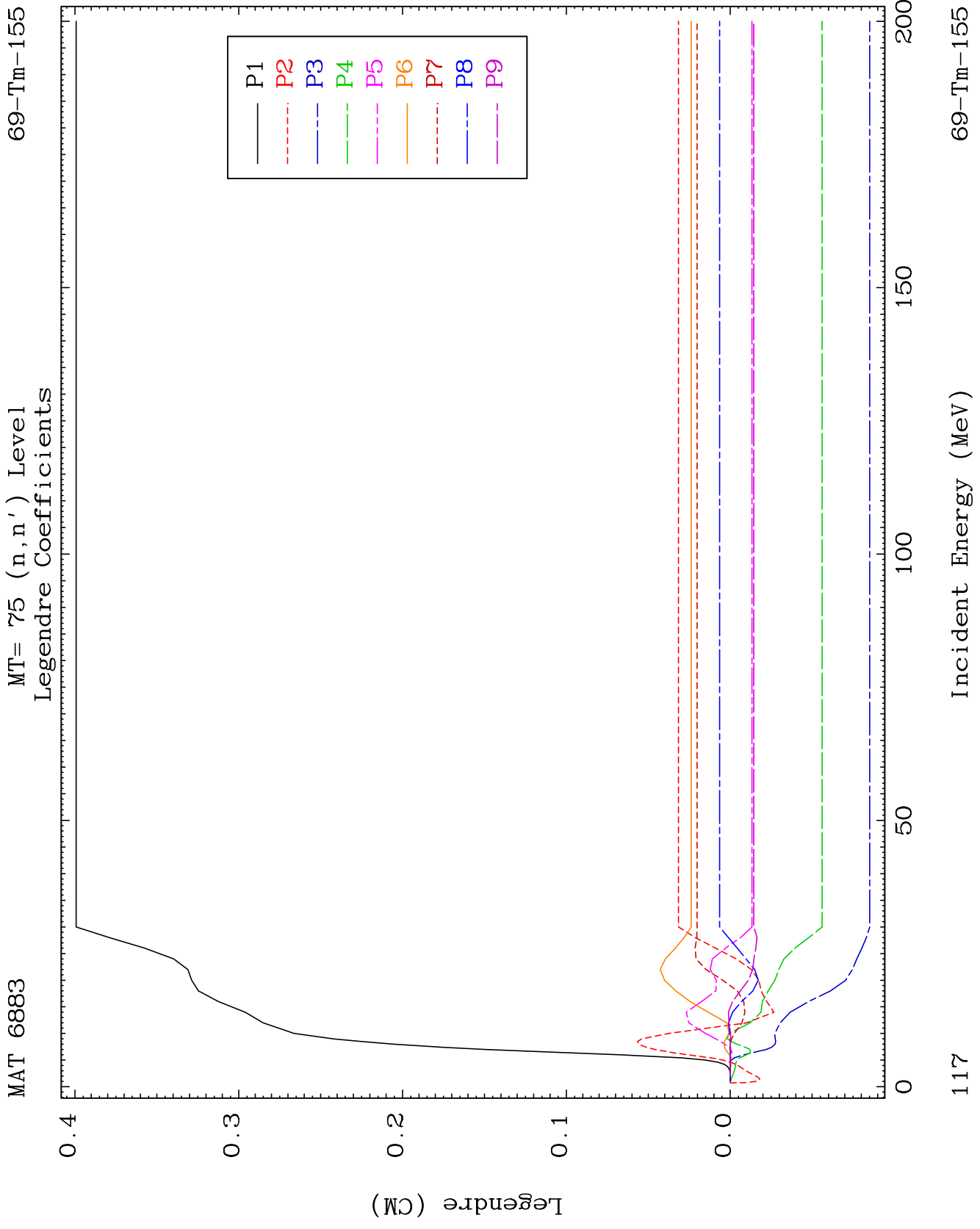
MT= 74 (n,n') Level
Legendre Coefficients

69-Tm-155



115

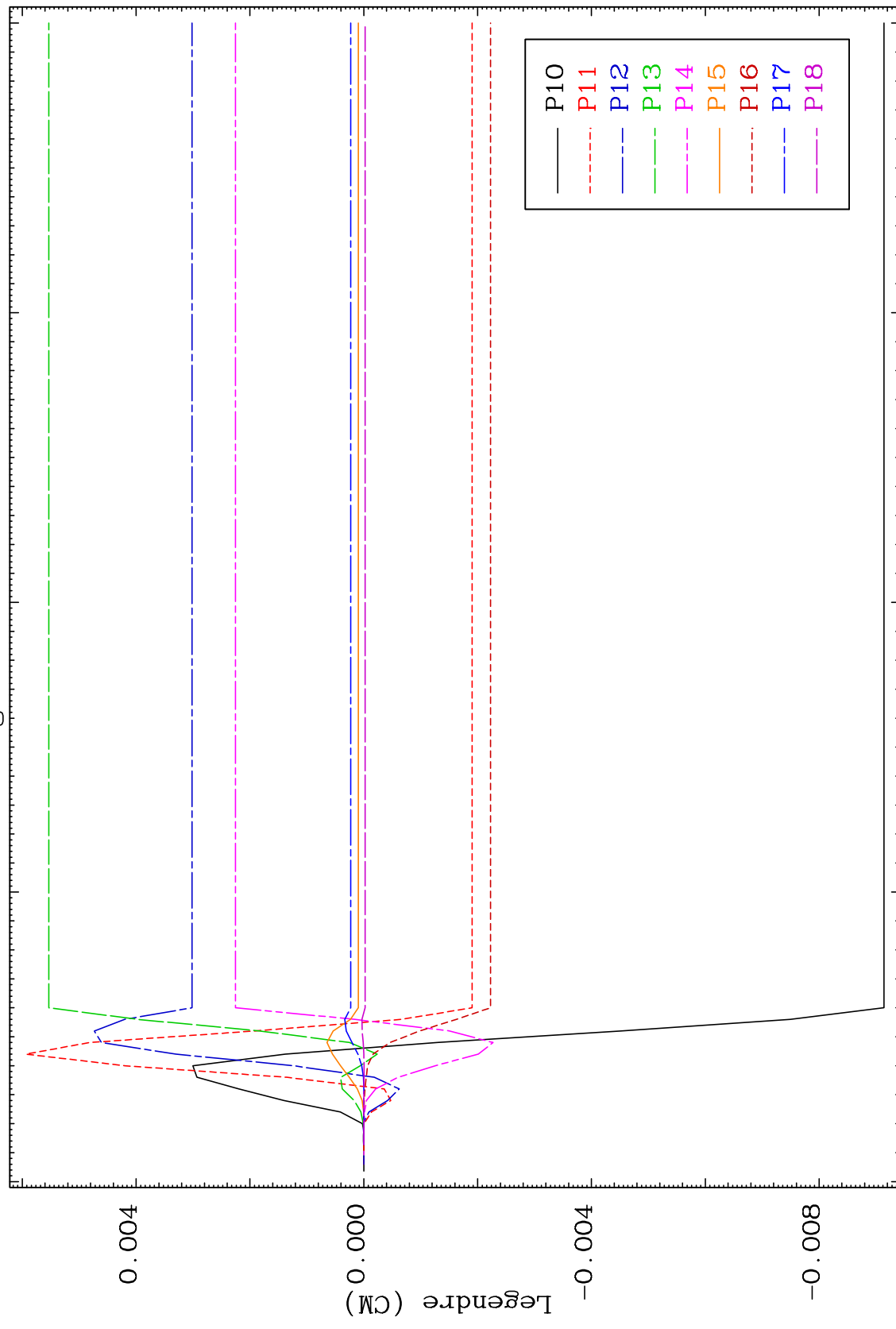
69-Tm-155



MAT 6883

MT= 75 (n,n') Level
Legendre Coefficients

69-Tm-155



118

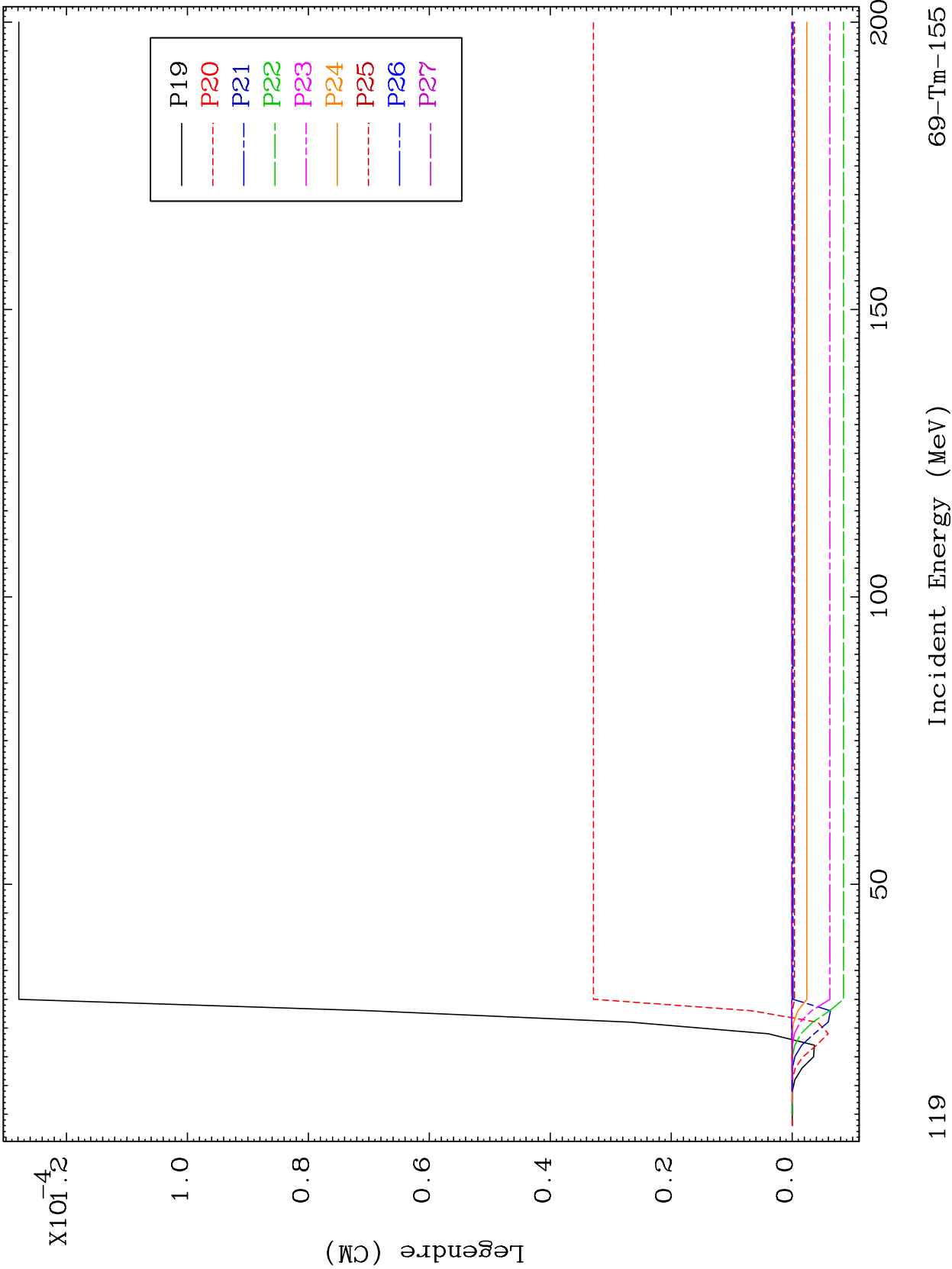
Incident Energy (MeV)

69-Tm-155

MAT 6883

MT= 75 (n,n') Level
Legendre Coefficients

69-Tm-155



119

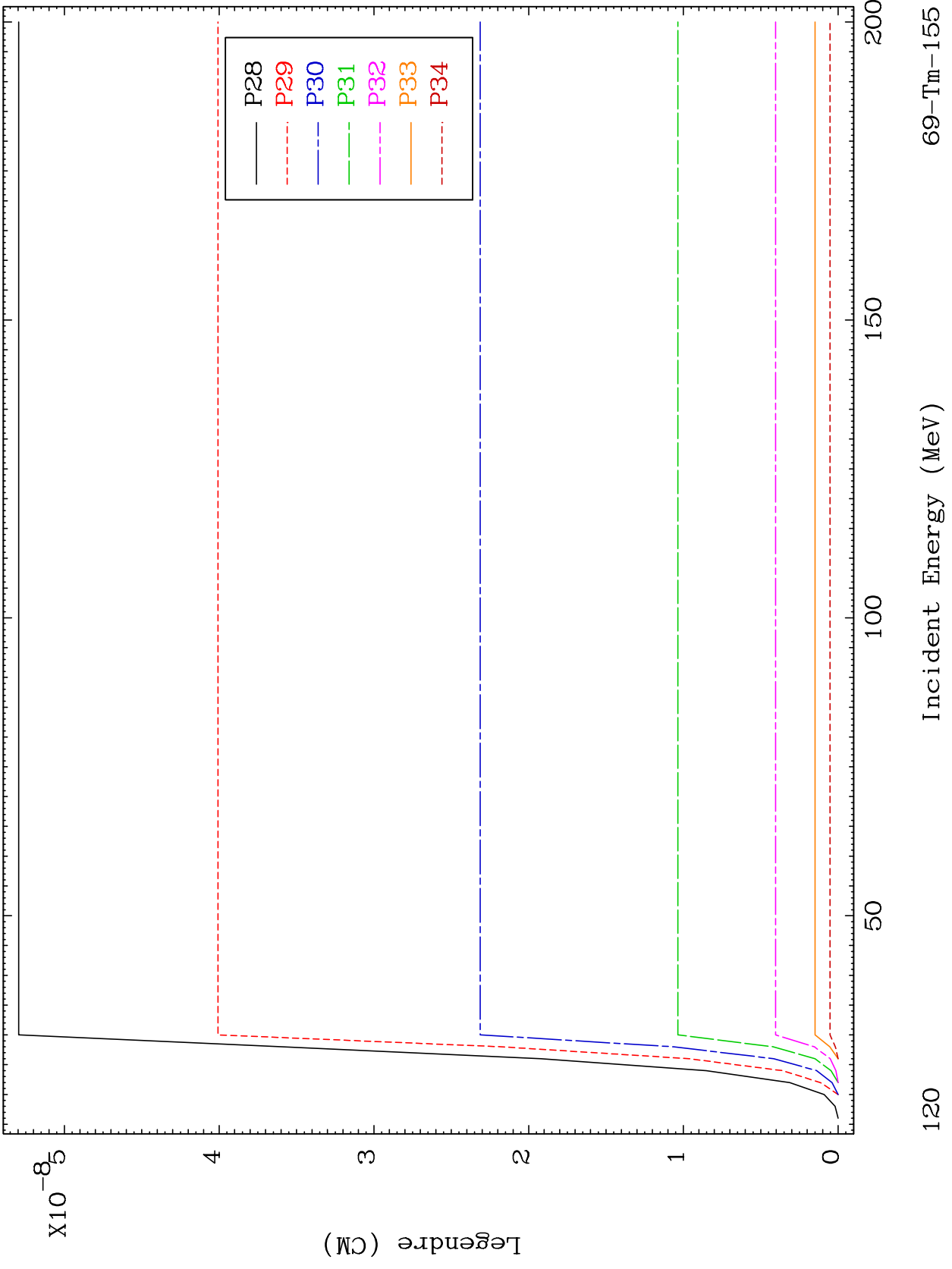
Incident Energy (MeV)

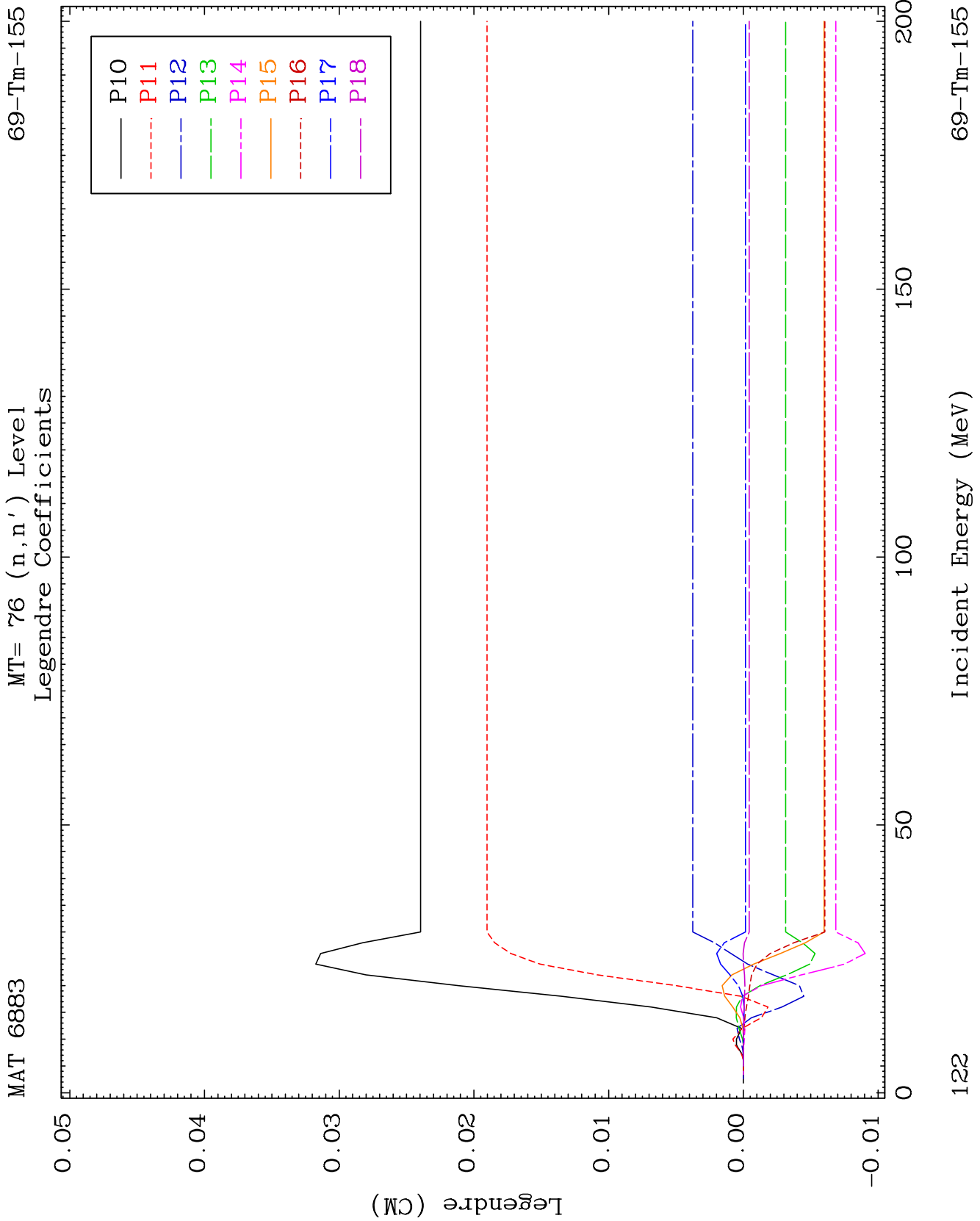
69-Tm-155

MAT 6883

MT= 75 (n,n') Level
Legendre Coefficients

69-Tm-155

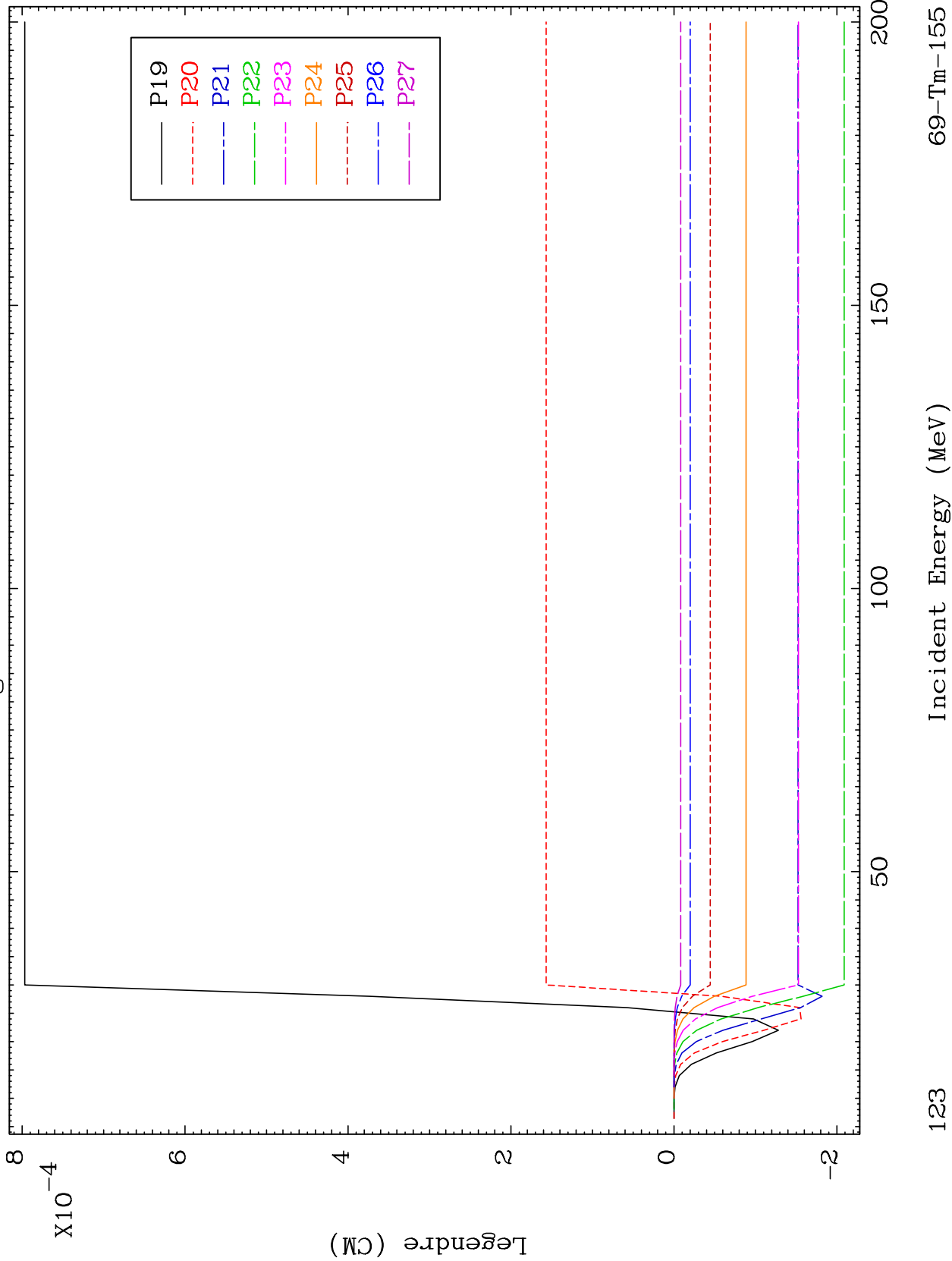




MAT 6883

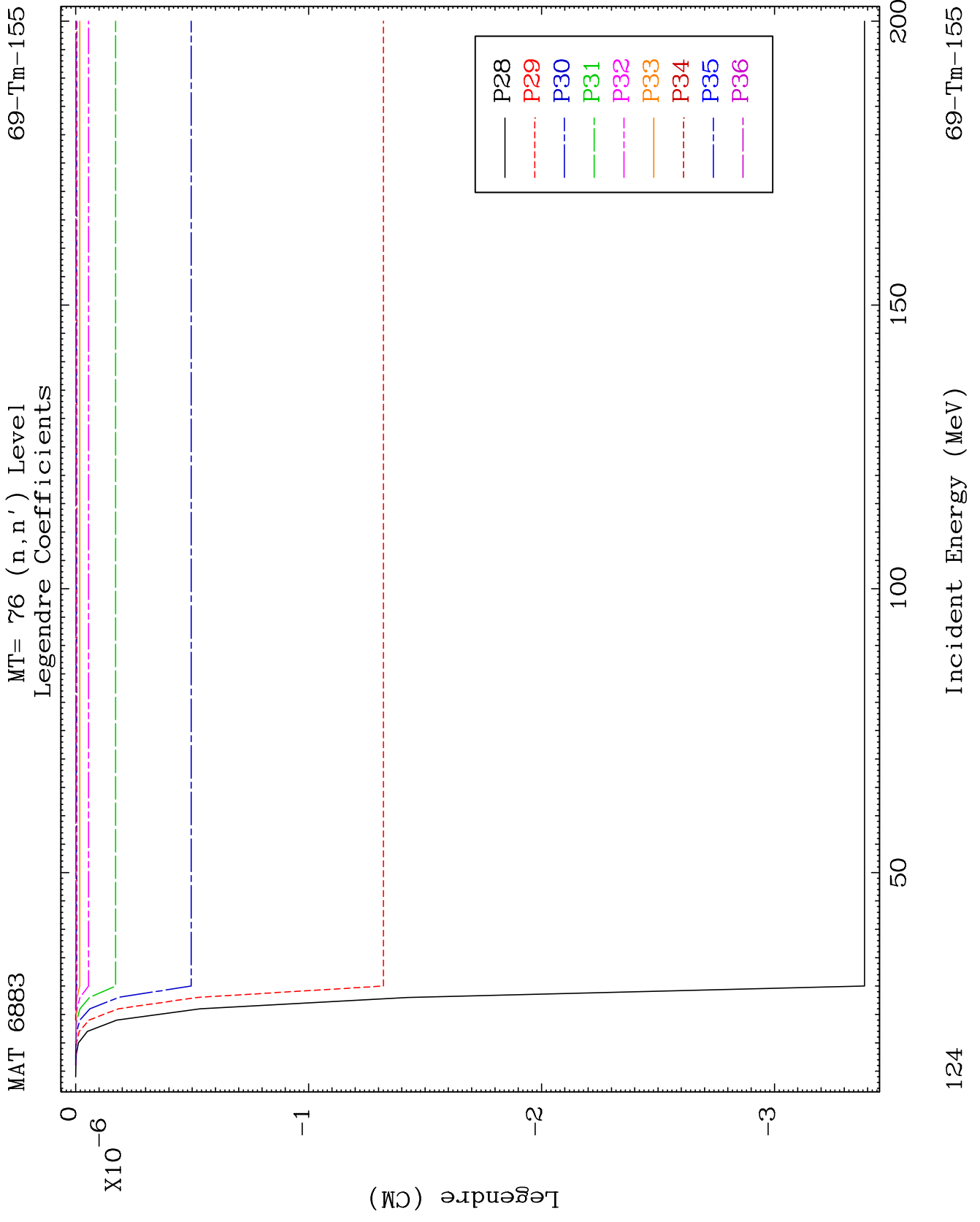
MT= 76 (n,n') Level
Legendre Coefficients

69-Tm-155



123

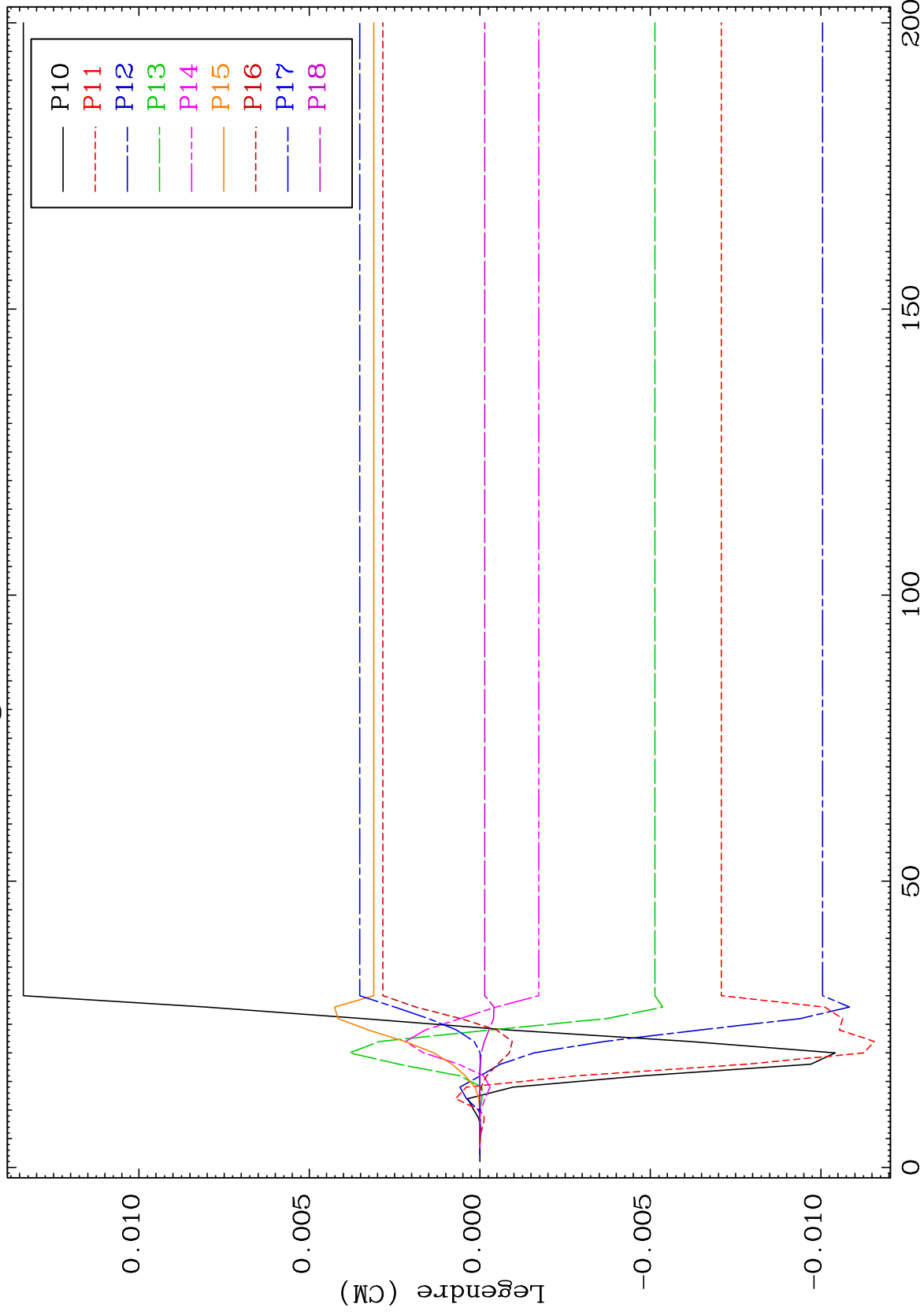
69-Tm-155



MAT 6883

MT= 77 (n,n') Level
Legendre Coefficients

69-Tm-155



126

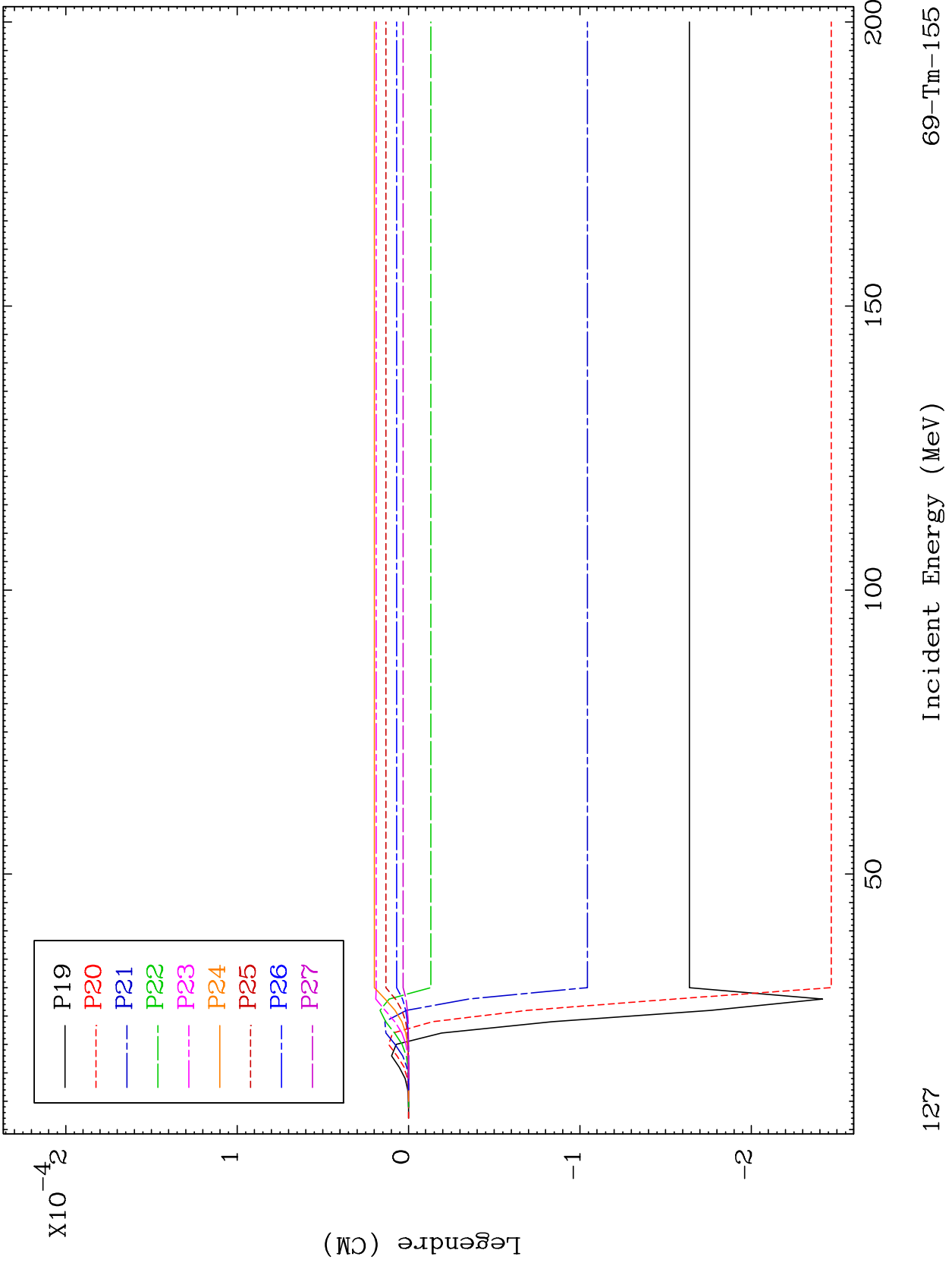
Incident Energy (MeV)

69-Tm-155

MAT 6883

MT= 77 (n,n') Level
Legendre Coefficients

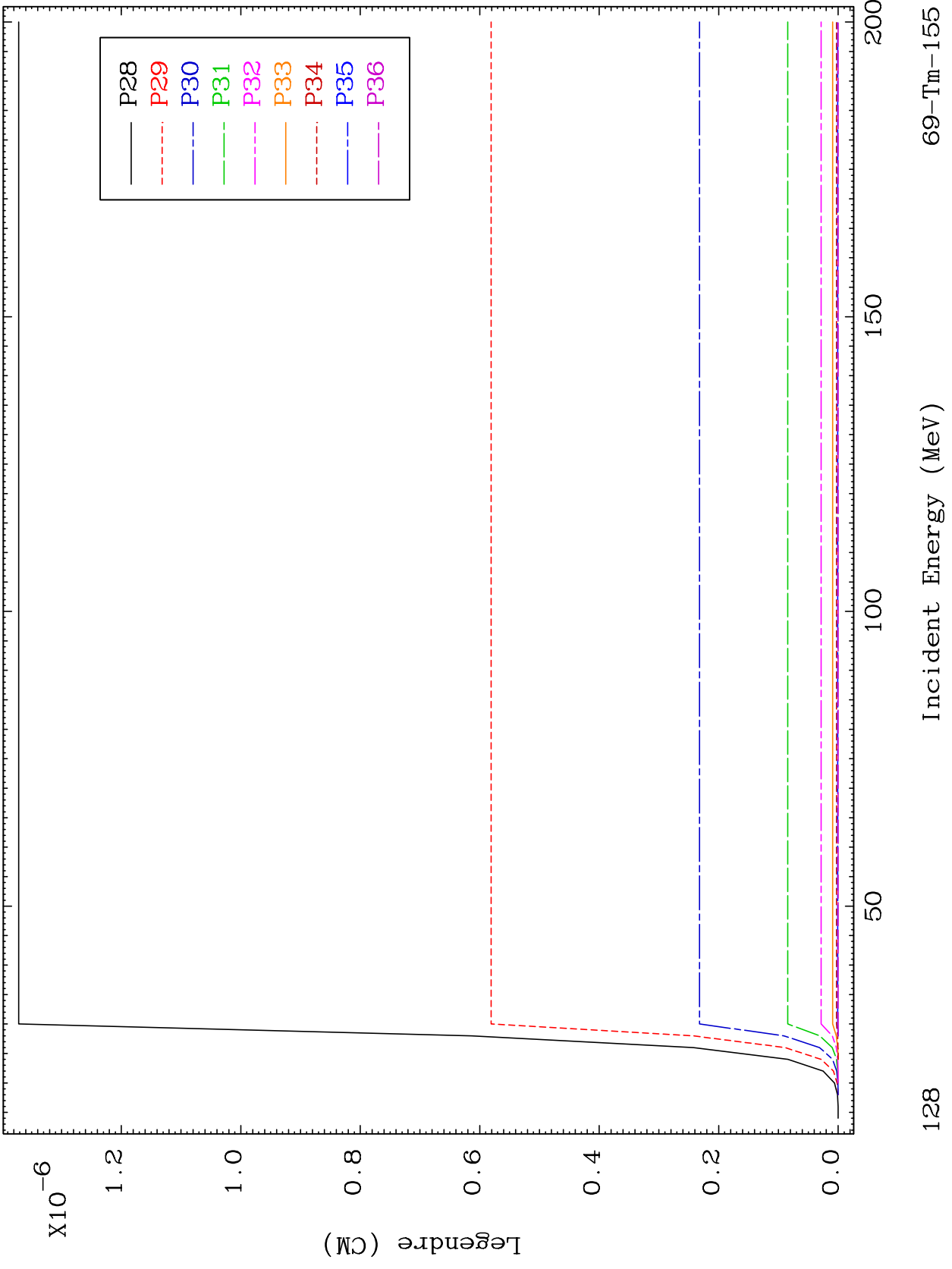
69-Tm-155



MAT 6883

MT= 77 (n,n') Level
Legendre Coefficients

69-Tm-155



128

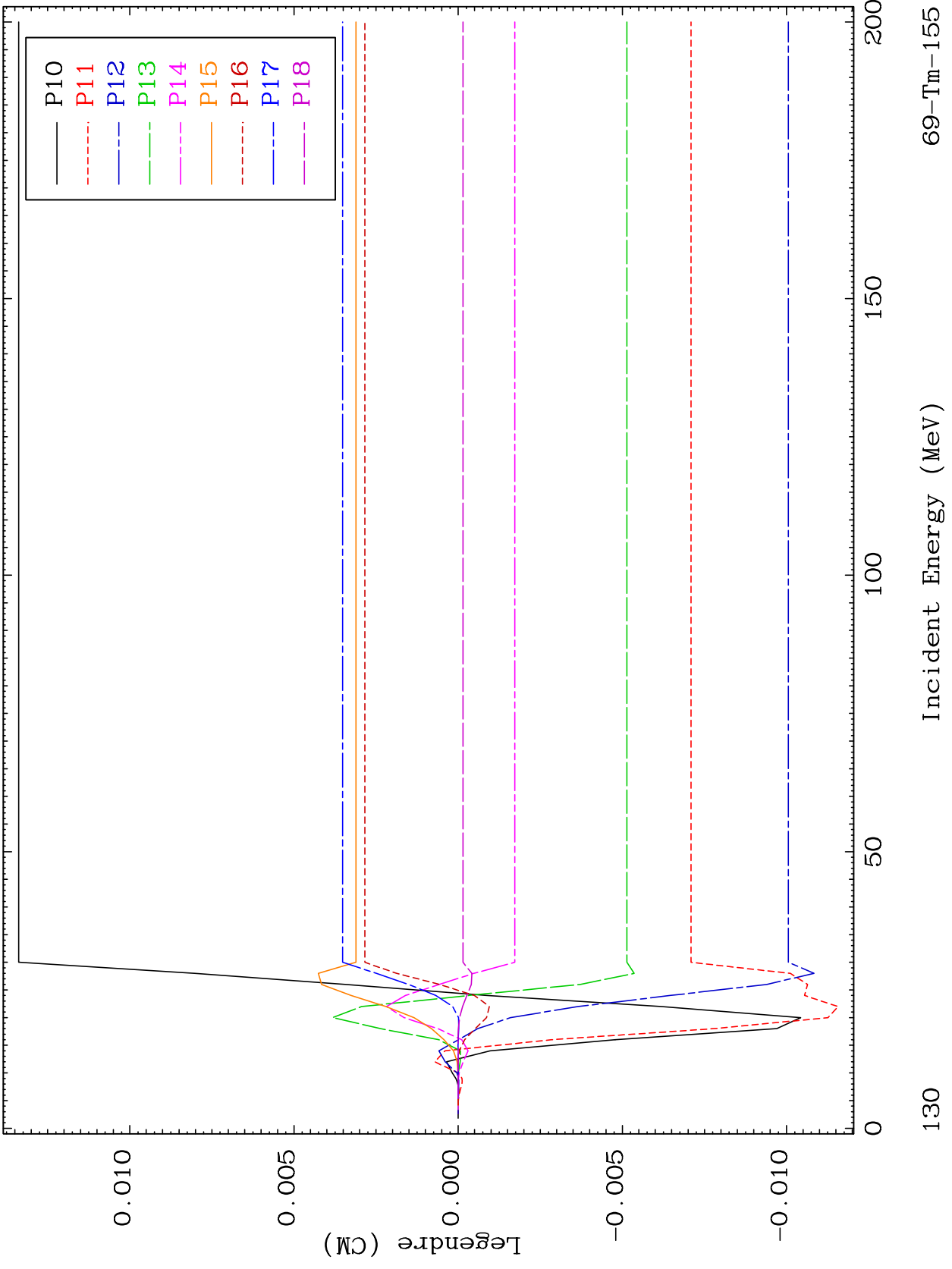
Incident Energy (MeV)

69-Tm-155

MAT 6883

MT= 78 (n,n') Level
Legendre Coefficients

69-Tm-155



69-Tm-155

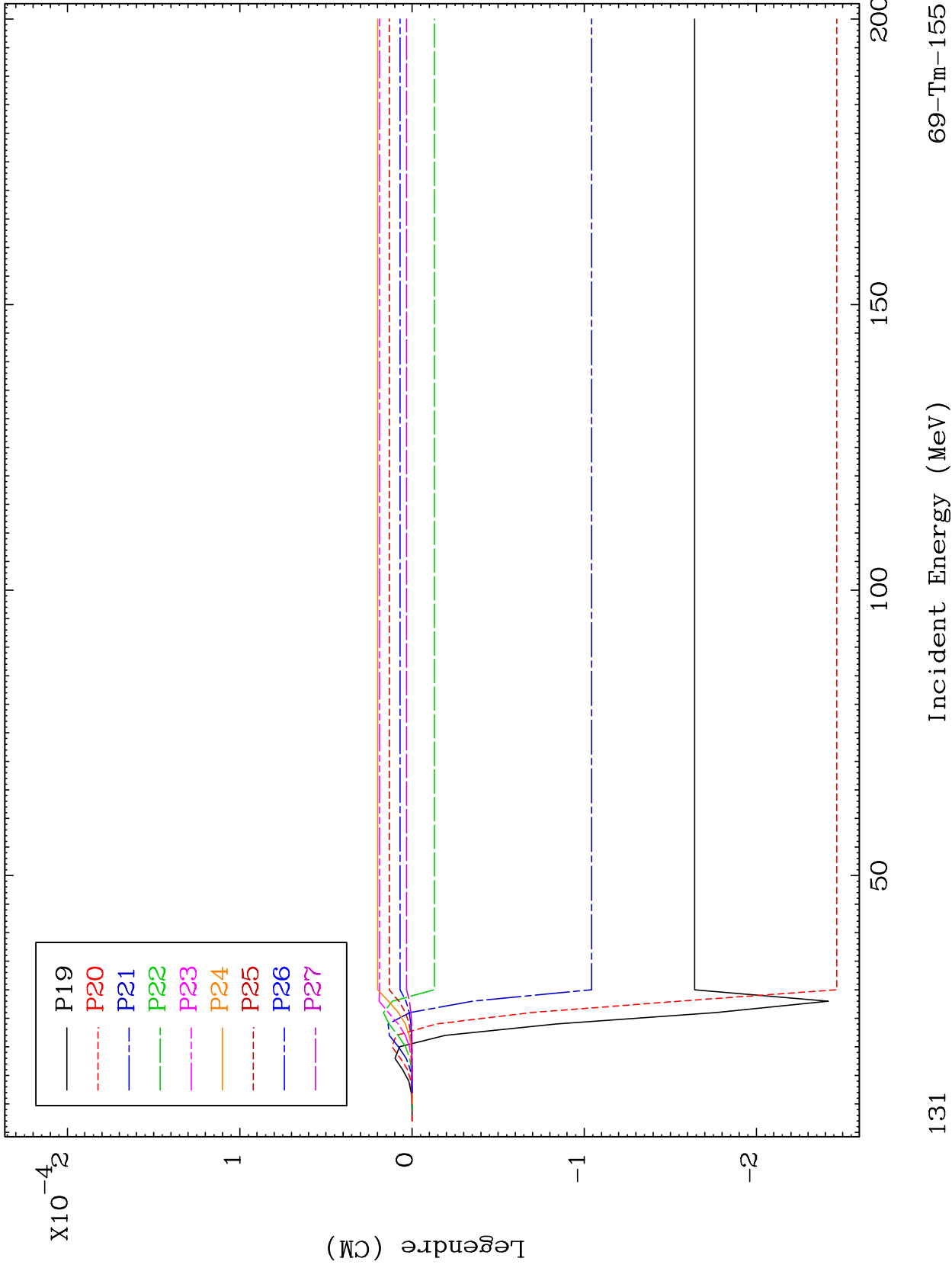
Incident Energy (MeV)

130

MAT 6883

MT= 78 (n,n') Level
Legendre Coefficients

69-Tm-155



131

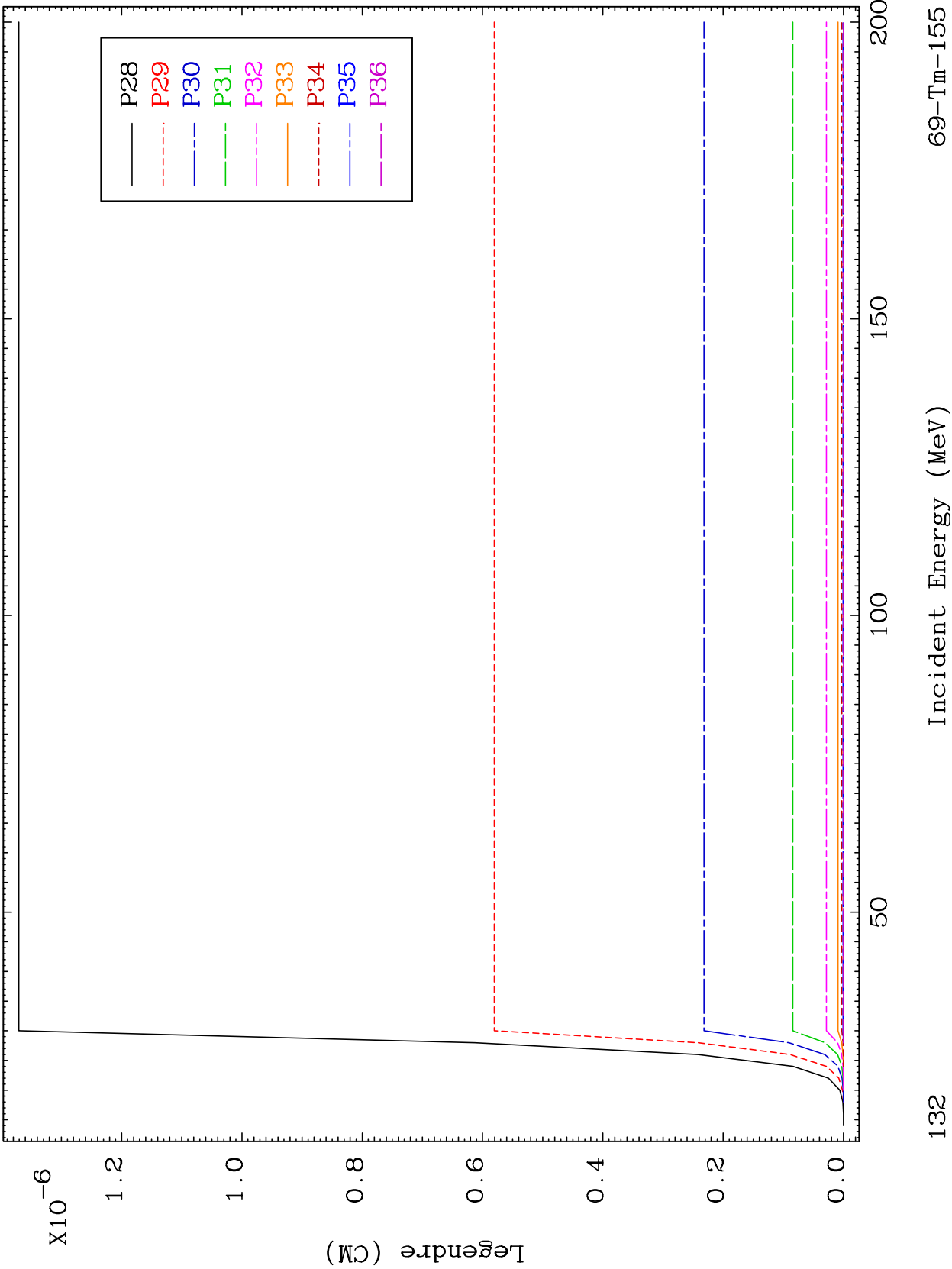
Incident Energy (MeV)

69-Tm-155

MAT 6883

MT= 78 (n,n') Level
Legendre Coefficients

69-Tm-155



132

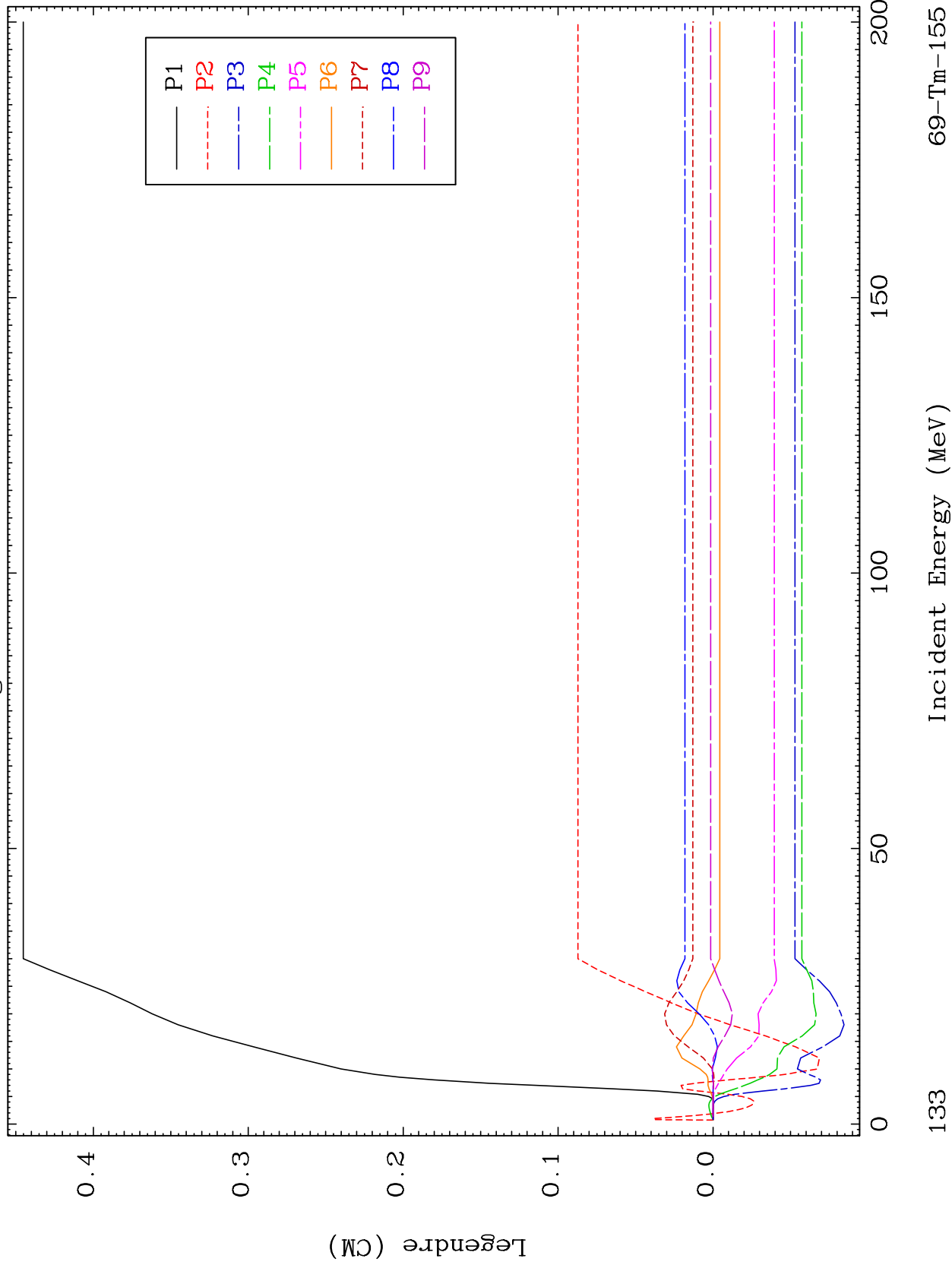
Incident Energy (MeV)

69-Tm-155

MAT 6883

MT= 79 (n,n') Level
Legendre Coefficients

69-Tm-155



133

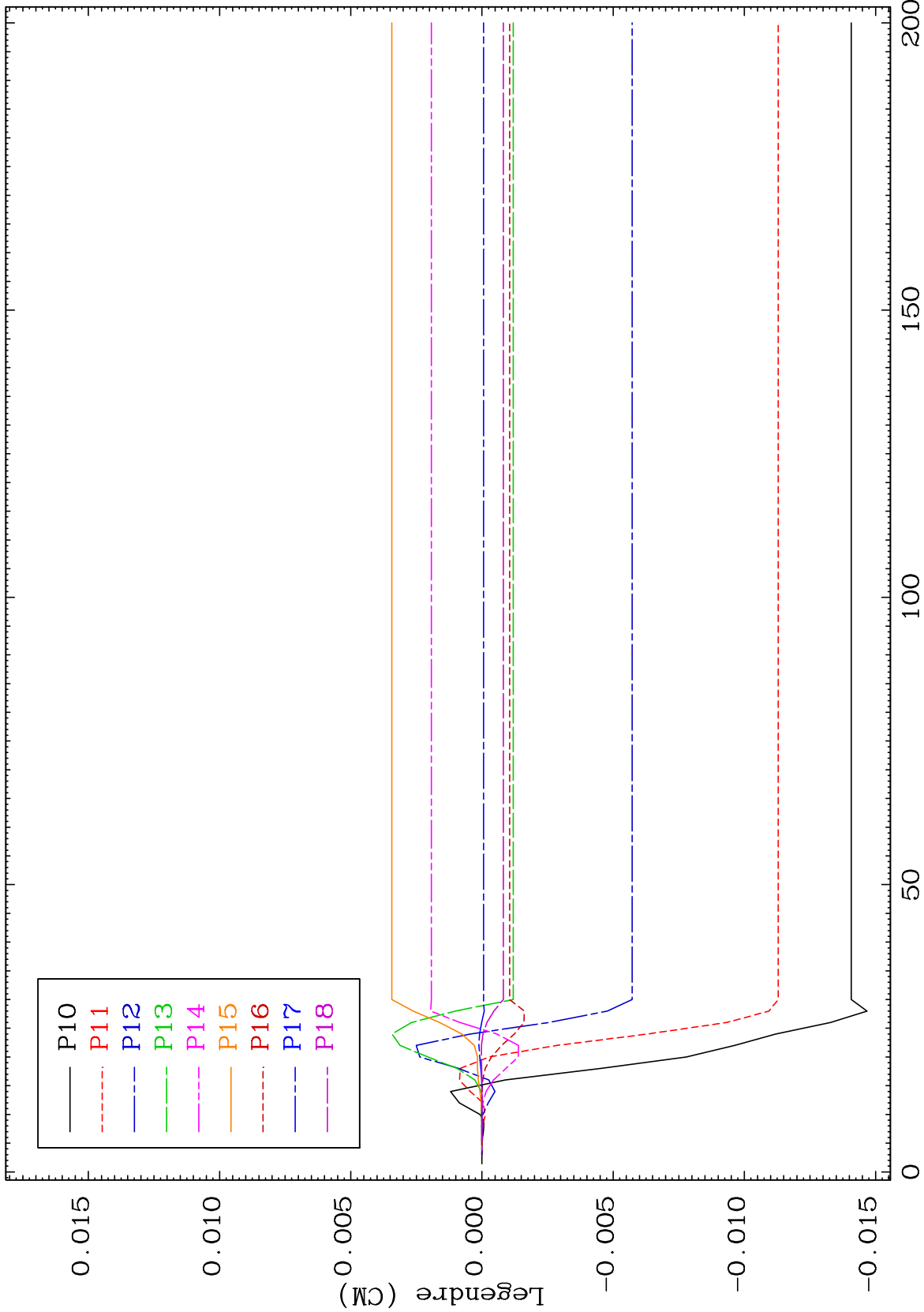
Incident Energy (MeV)

69-Tm-155

MAT 6883

MT= 79 (n,n') Level
Legendre Coefficients

69-Tm-155



134

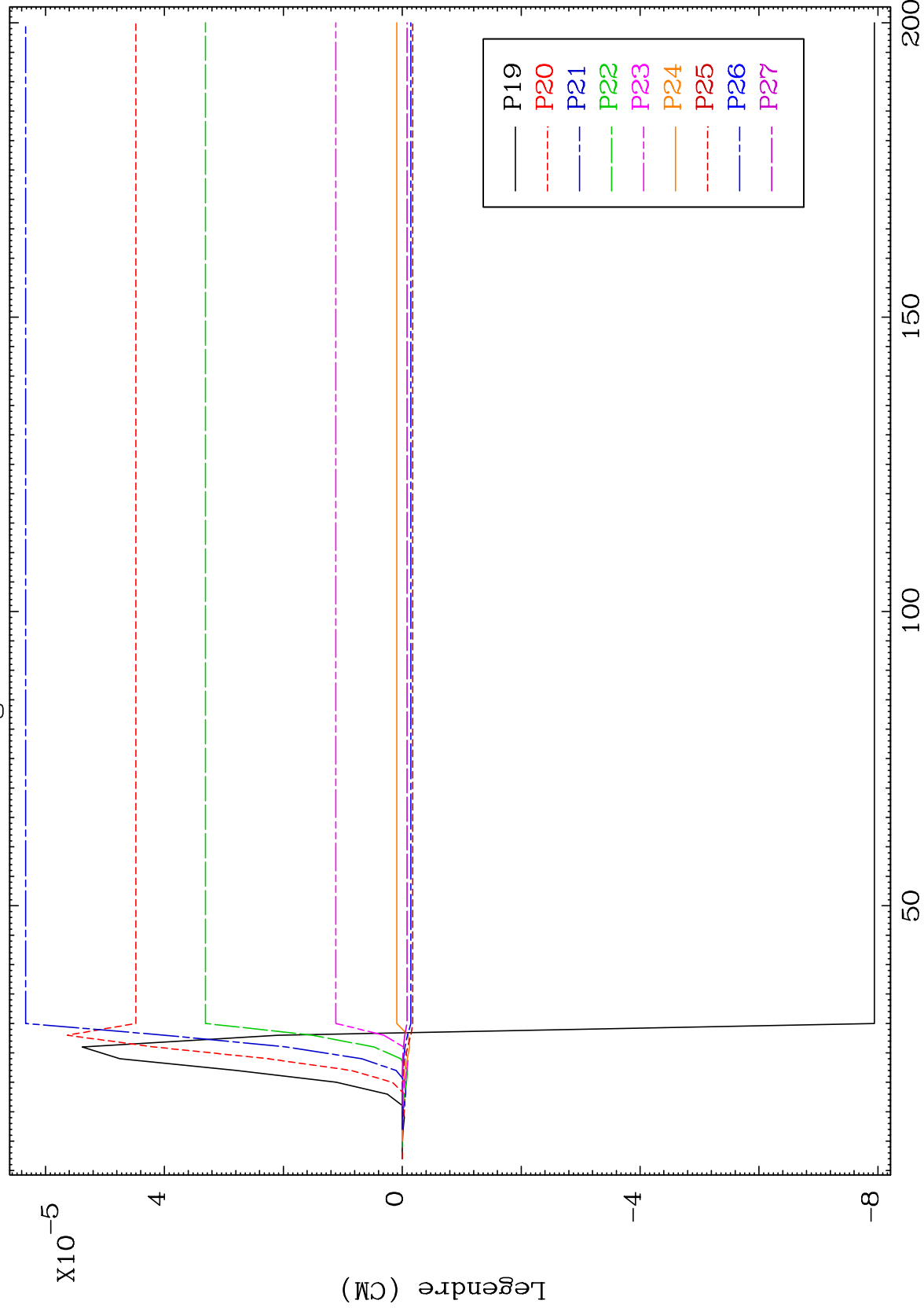
Incident Energy (MeV)

69-Tm-155

MAT 6883

MT= 79 (n,n') Level
Legendre Coefficients

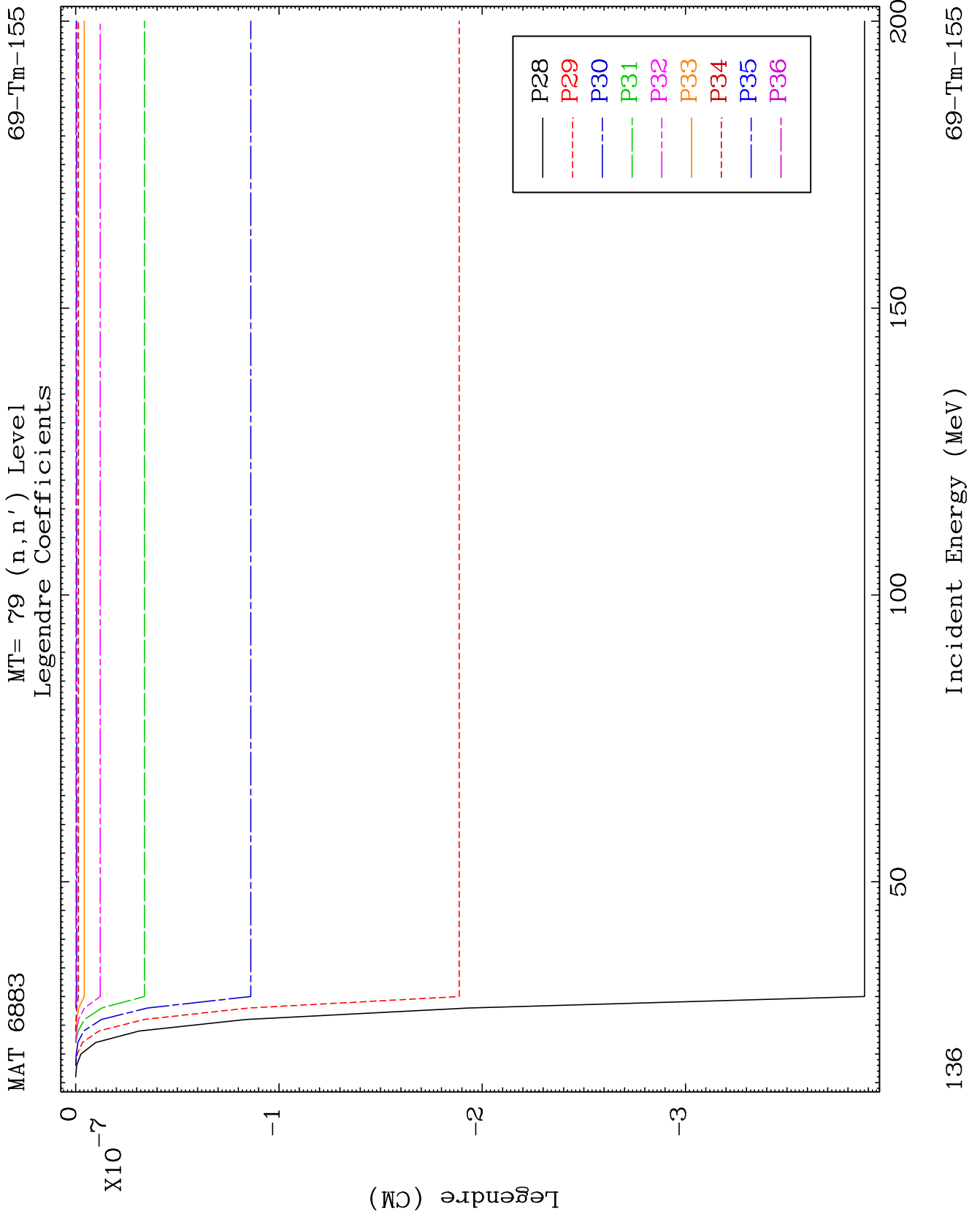
69-Tm-155

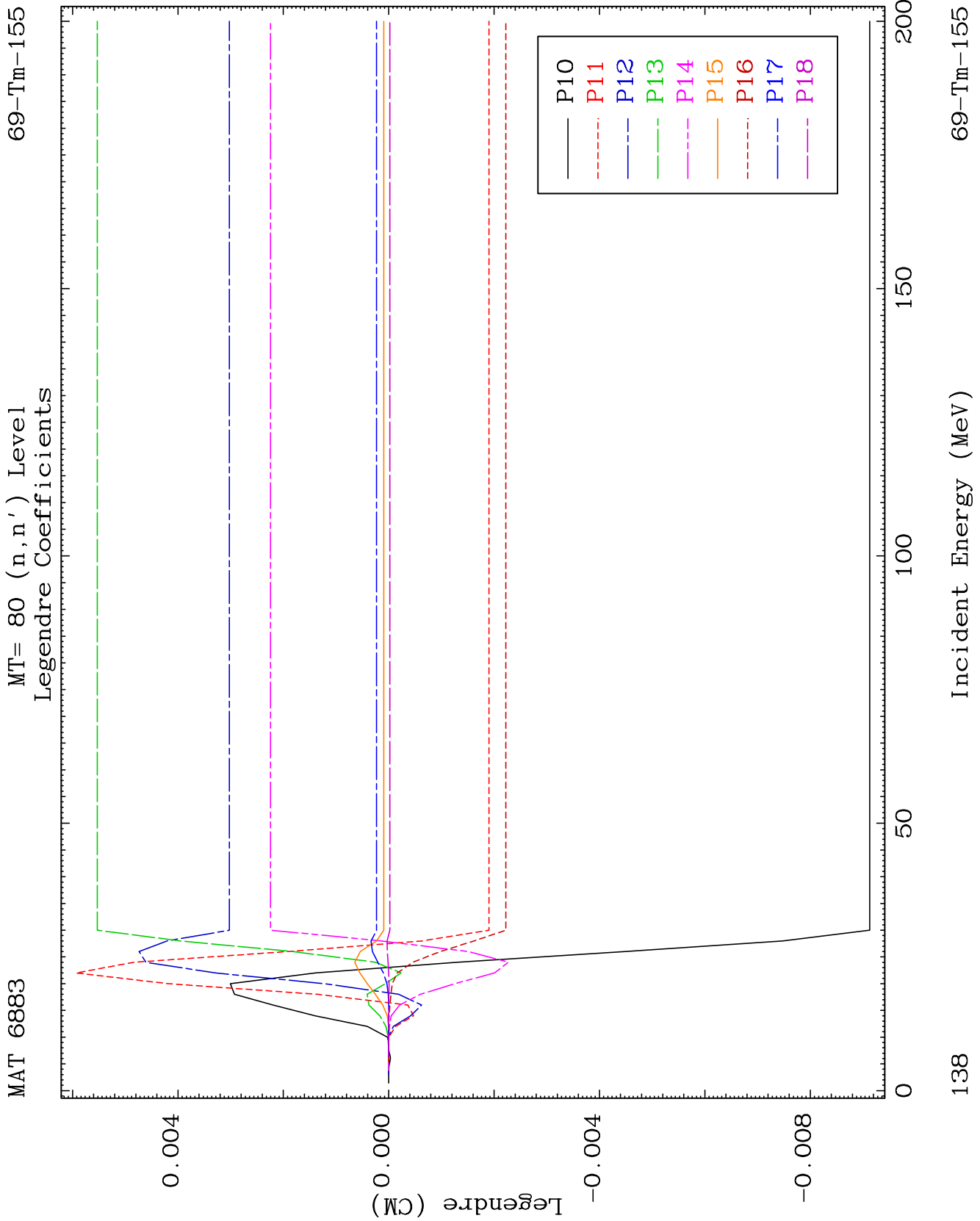


135

Incident Energy (MeV)

69-Tm-155

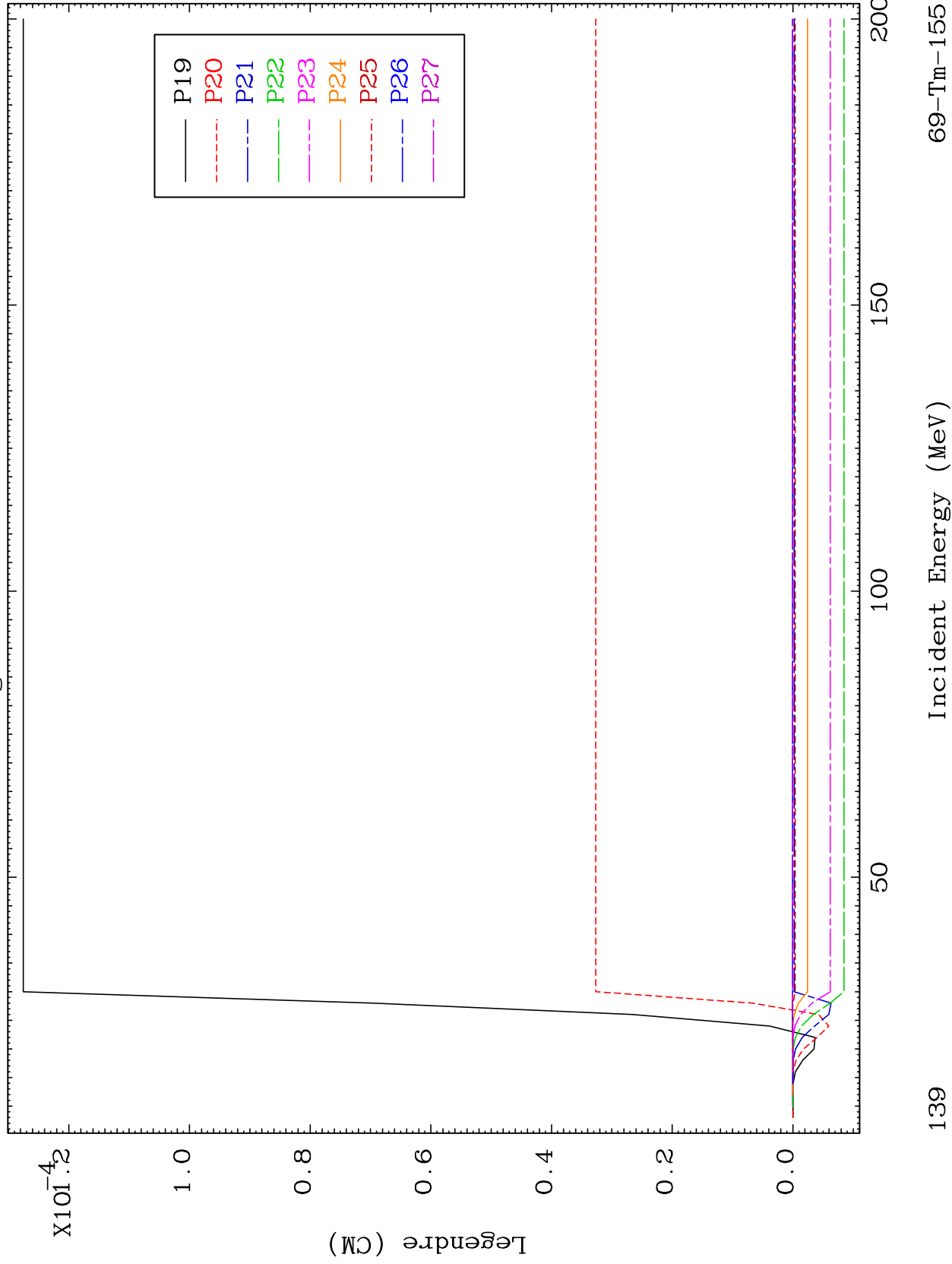




MAT 6883

MT= 80 (n,n') Level
Legendre Coefficients

69-Tm-155



139

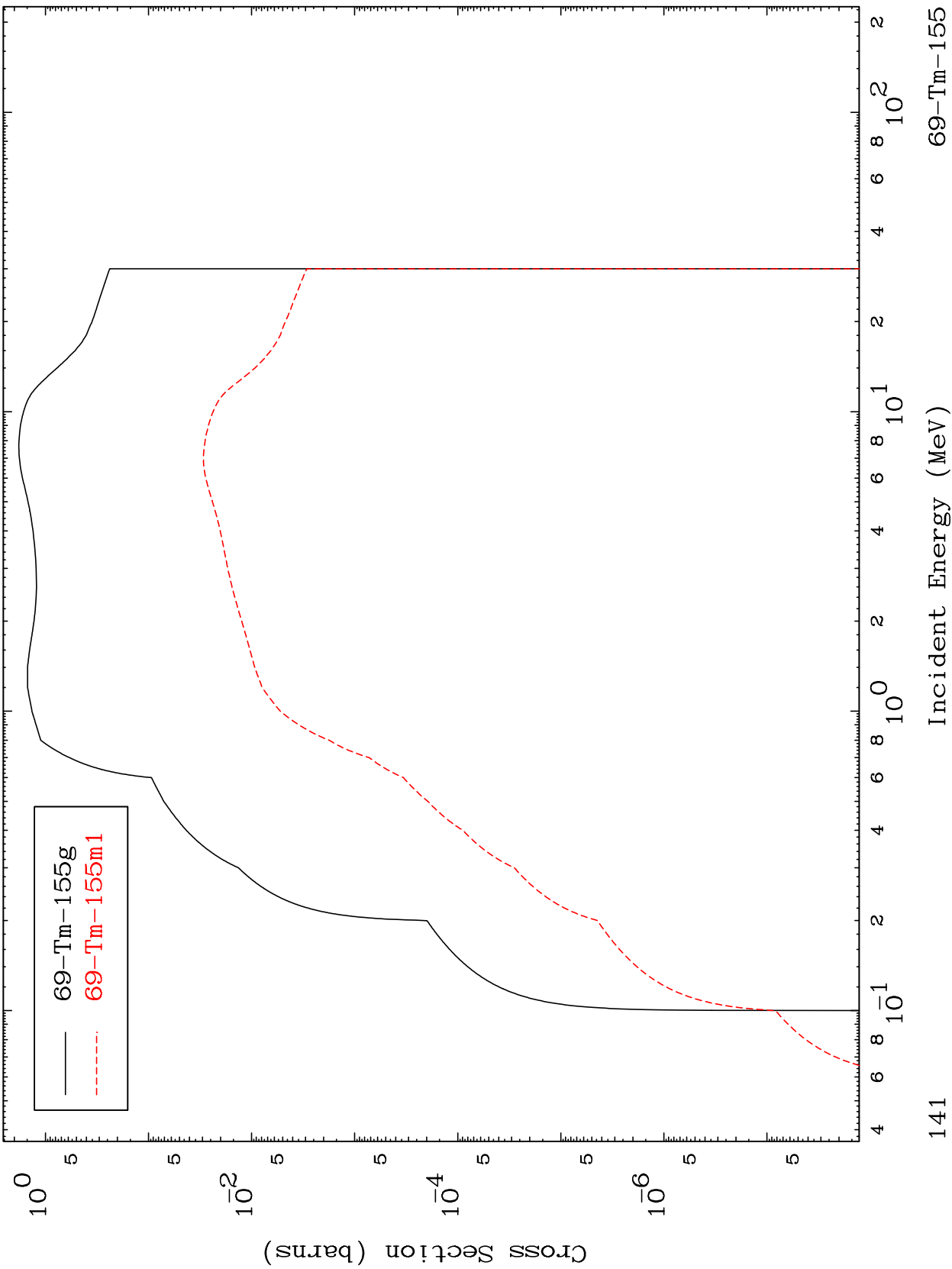
Incident Energy (MeV)

69-Tm-155

MAT 6883

69-Tm-155

Inelastic
Radionuclide Production Cross Section



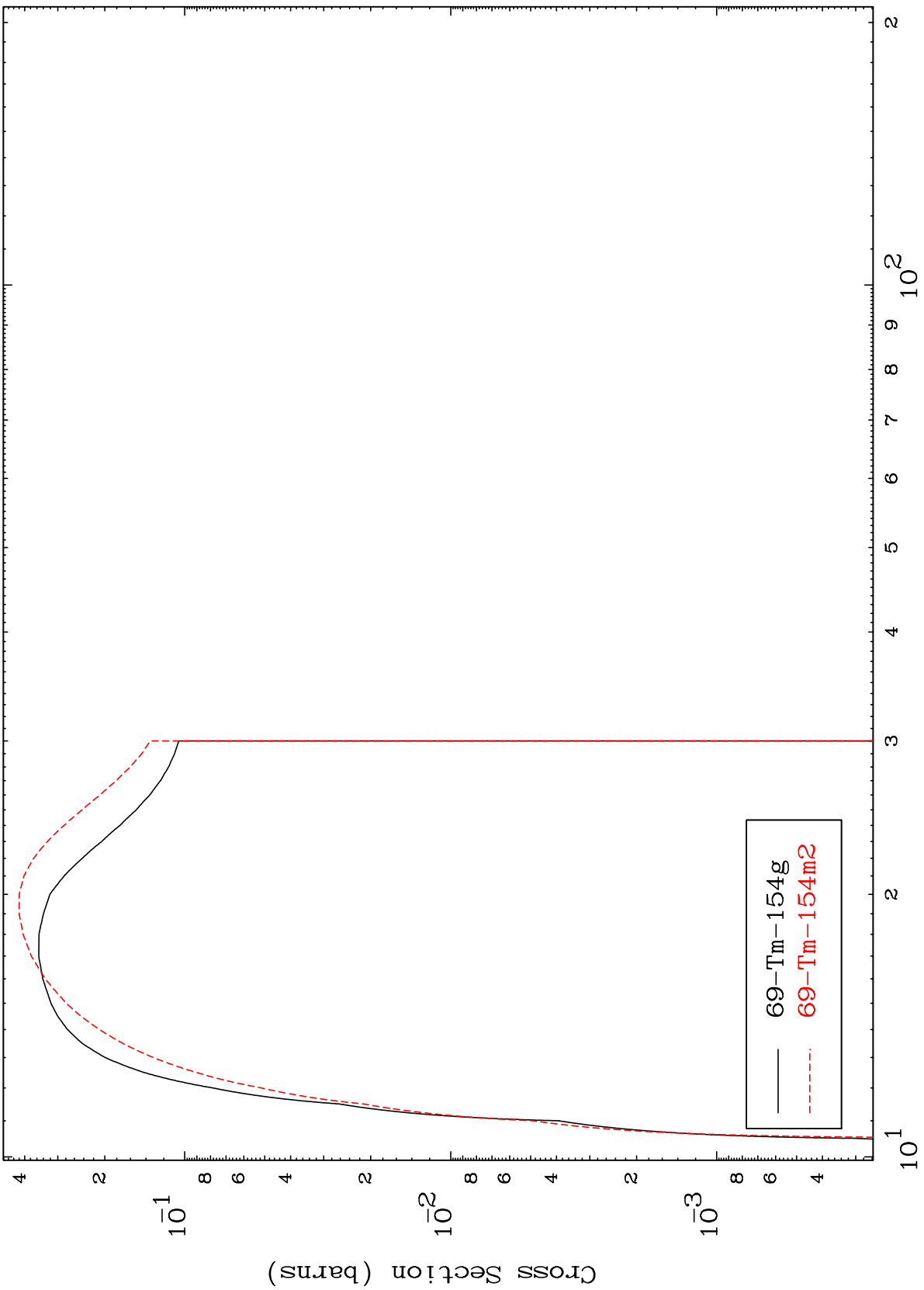
141

69-Tm-155

MAT 6883

69-Tm-155

(n,2n)
Radionuclide Production Cross Section



69-Tm-155

Incident Energy (MeV)

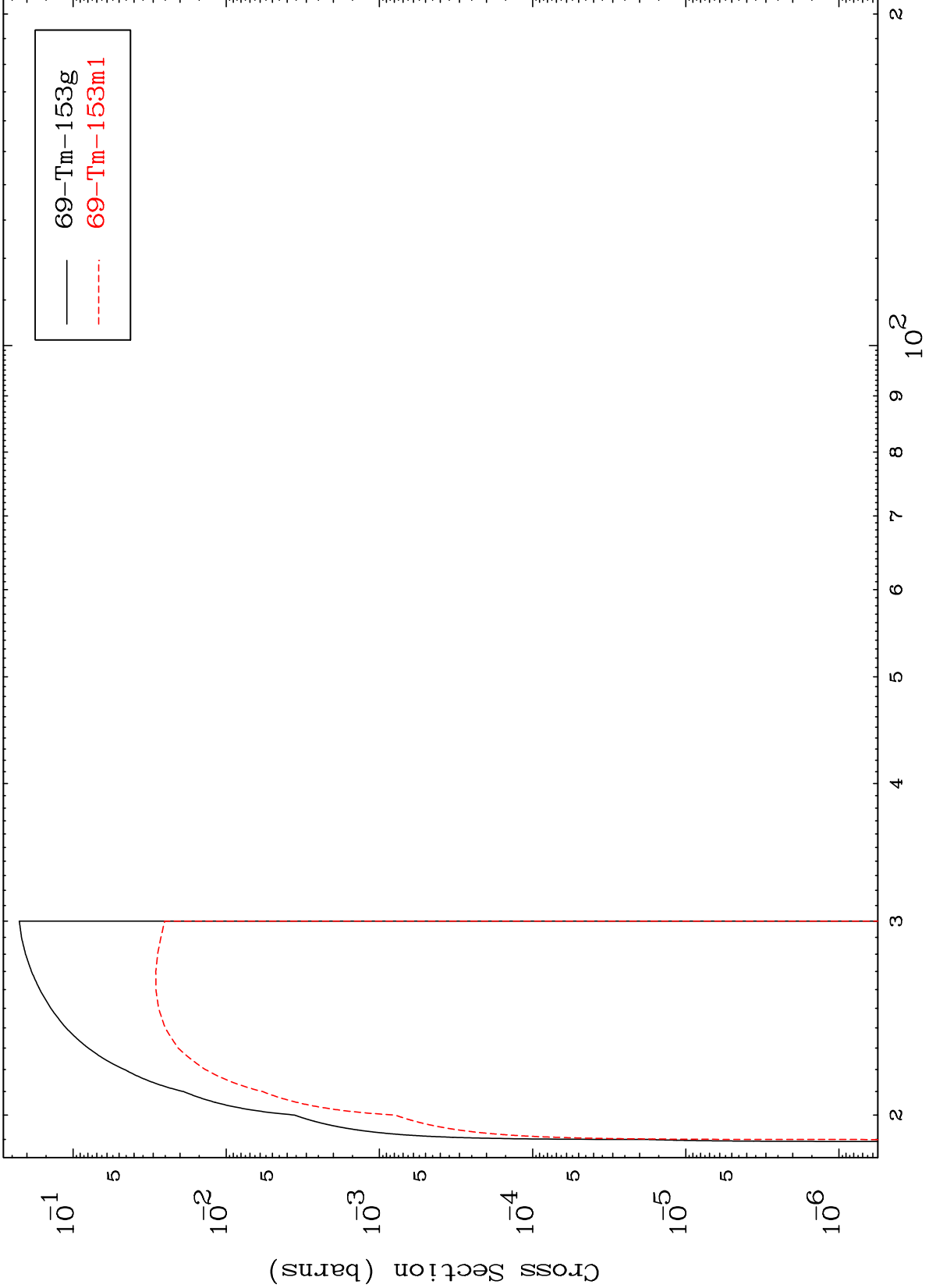
142

MAT 6883

(n,3n)

69-Tm-155

Radionuclide Production Cross Section



69-Tm-153g
69-Tm-153m1

143

Incident Energy (MeV)

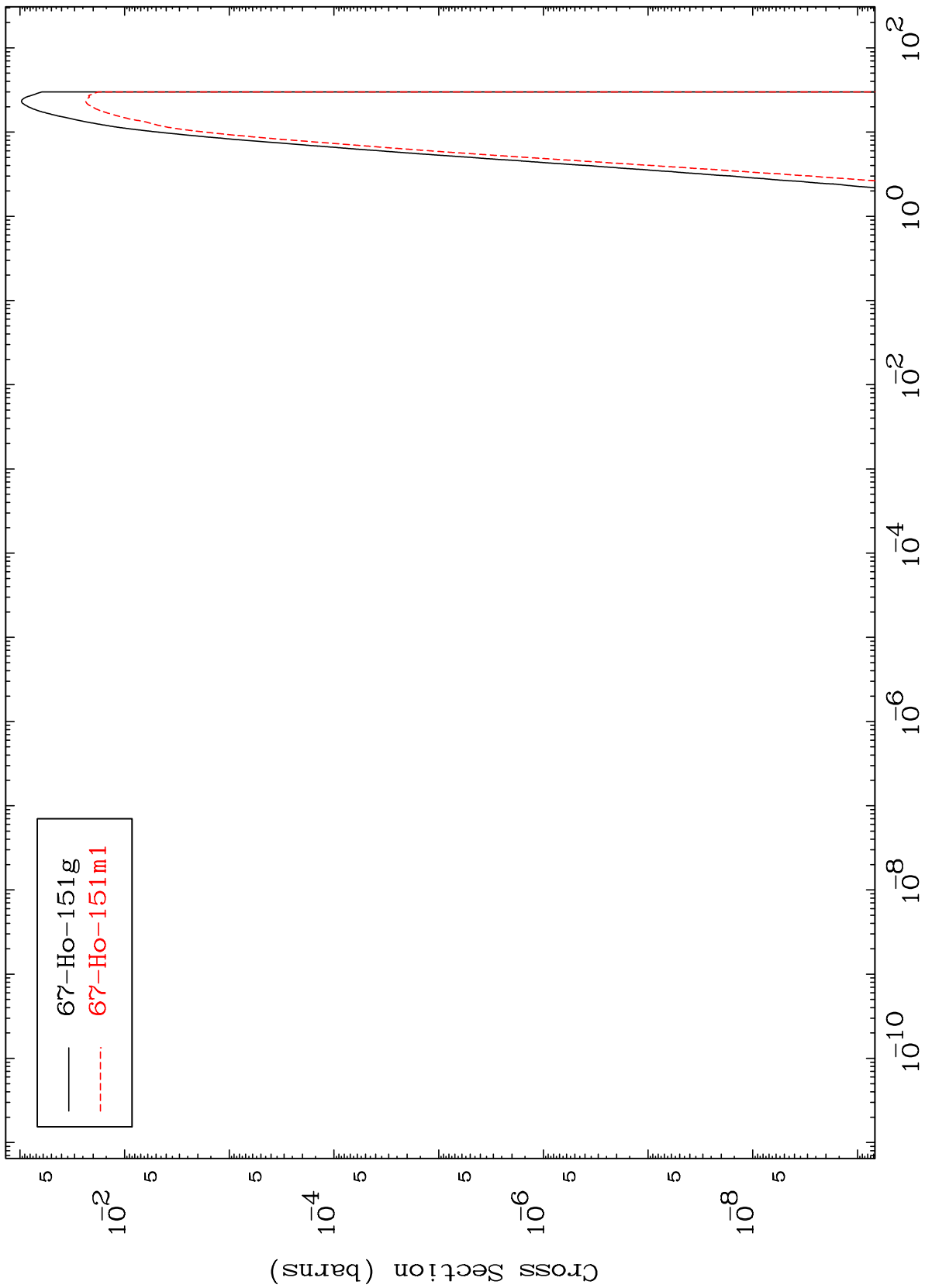
69-Tm-155

MAT 6883

(n, n') α

69-Tm-155

Radionuclide Production Cross Section



— 67-Ho-151g
- - - 67-Ho-151m1

Incident Energy (MeV)

69-Tm-155

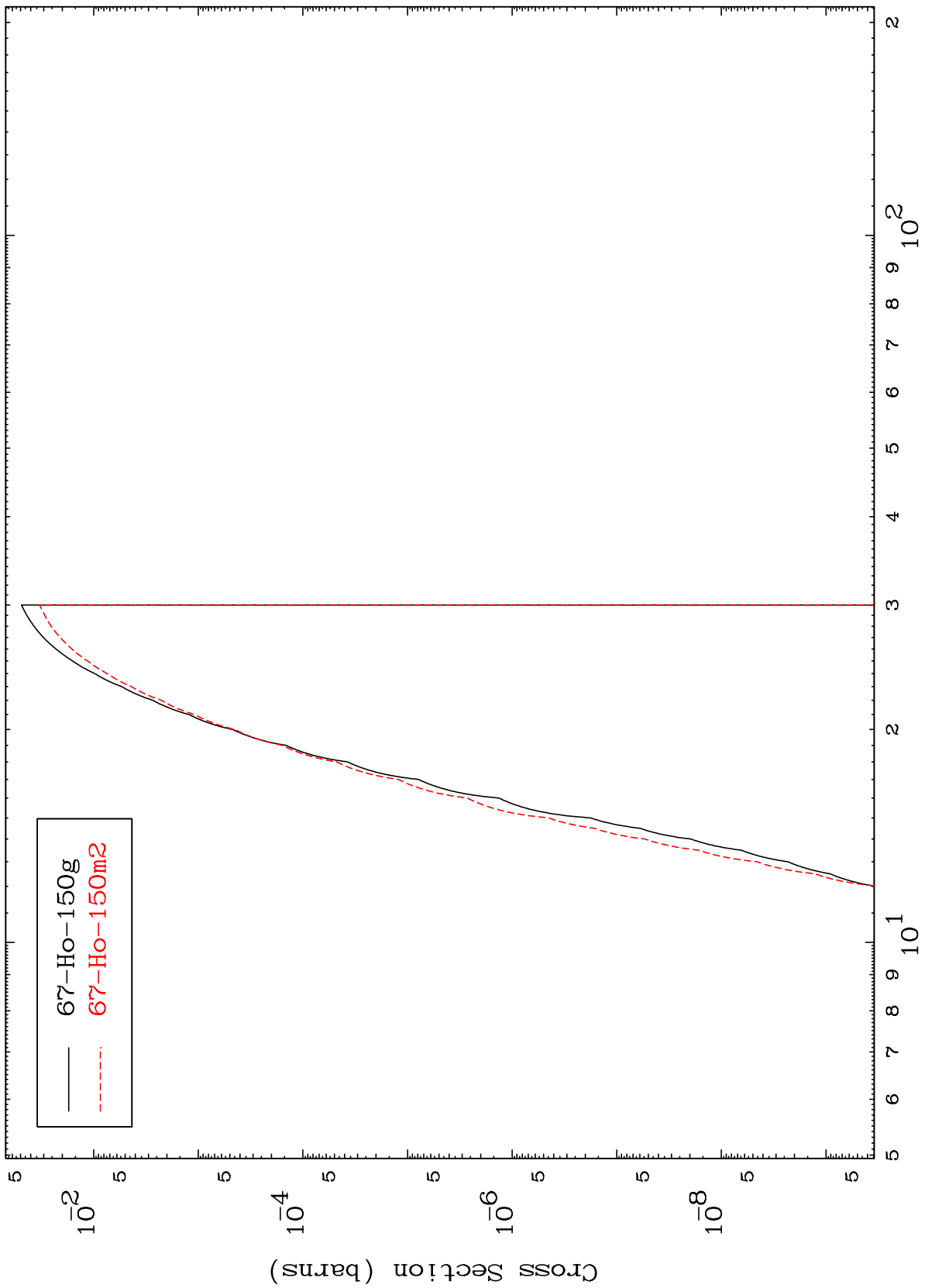
144

MAT 6883

$(n,2n) \alpha$

69-Tm-155

Radionuclide Production Cross Section



145

Incident Energy (MeV)

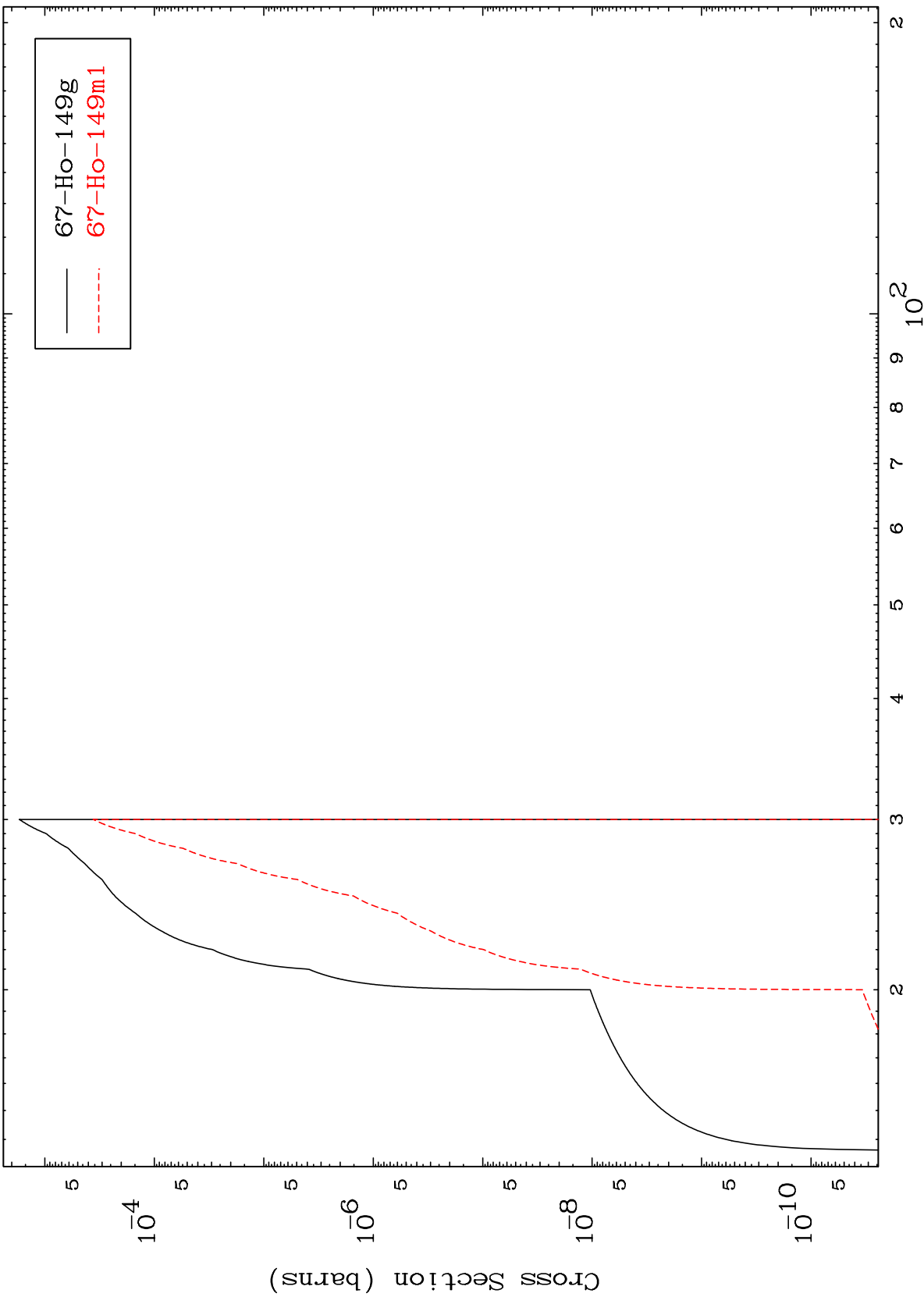
69-Tm-155

MAT 6883

$(n,3n) \alpha$

69-Tm-155

Radionuclide Production Cross Section



146

Incident Energy (MeV)

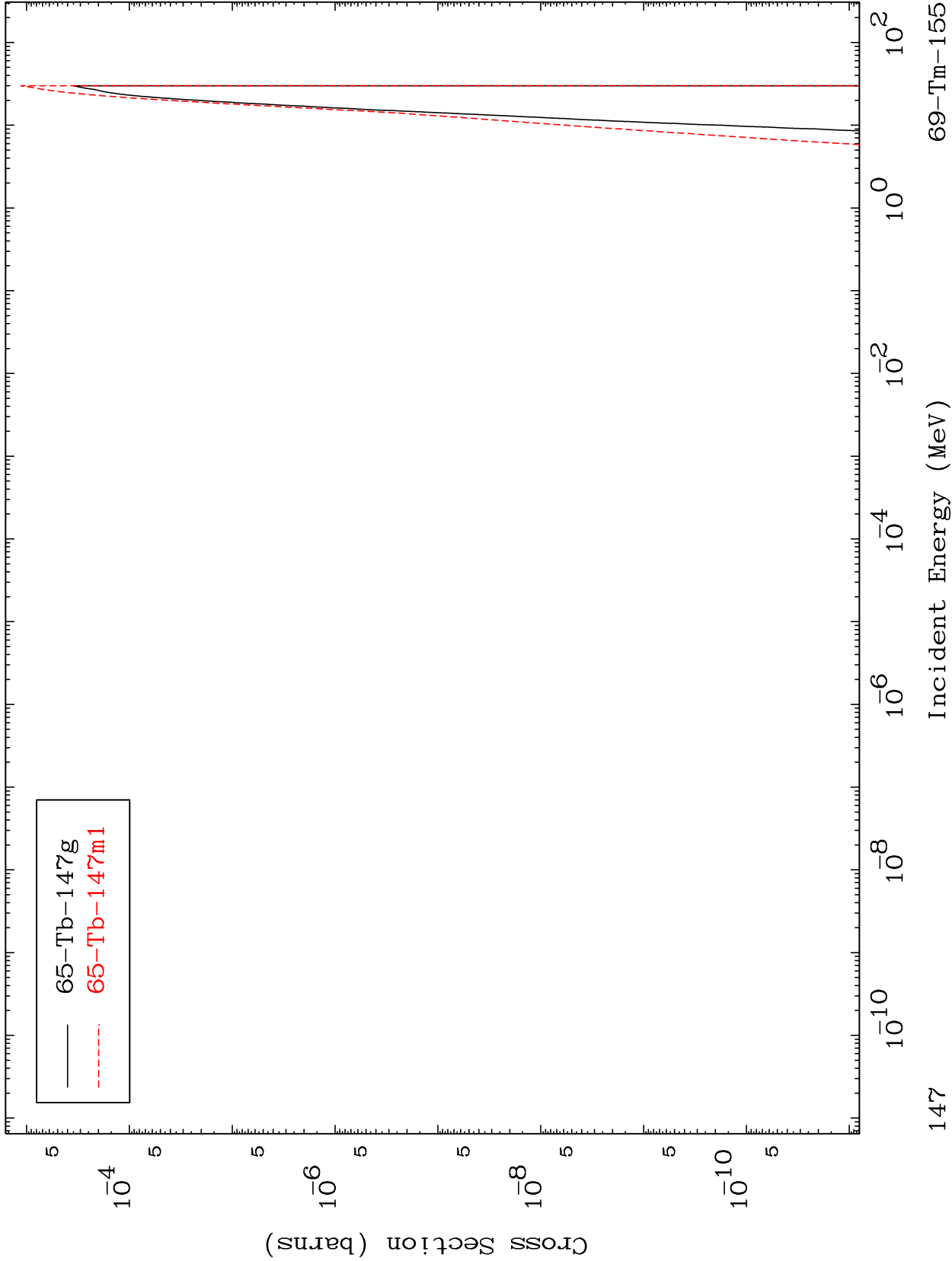
69-Tm-155

MAT 6883

(n,n') 2 α

69-Tm-155

Radionuclide Production Cross Section



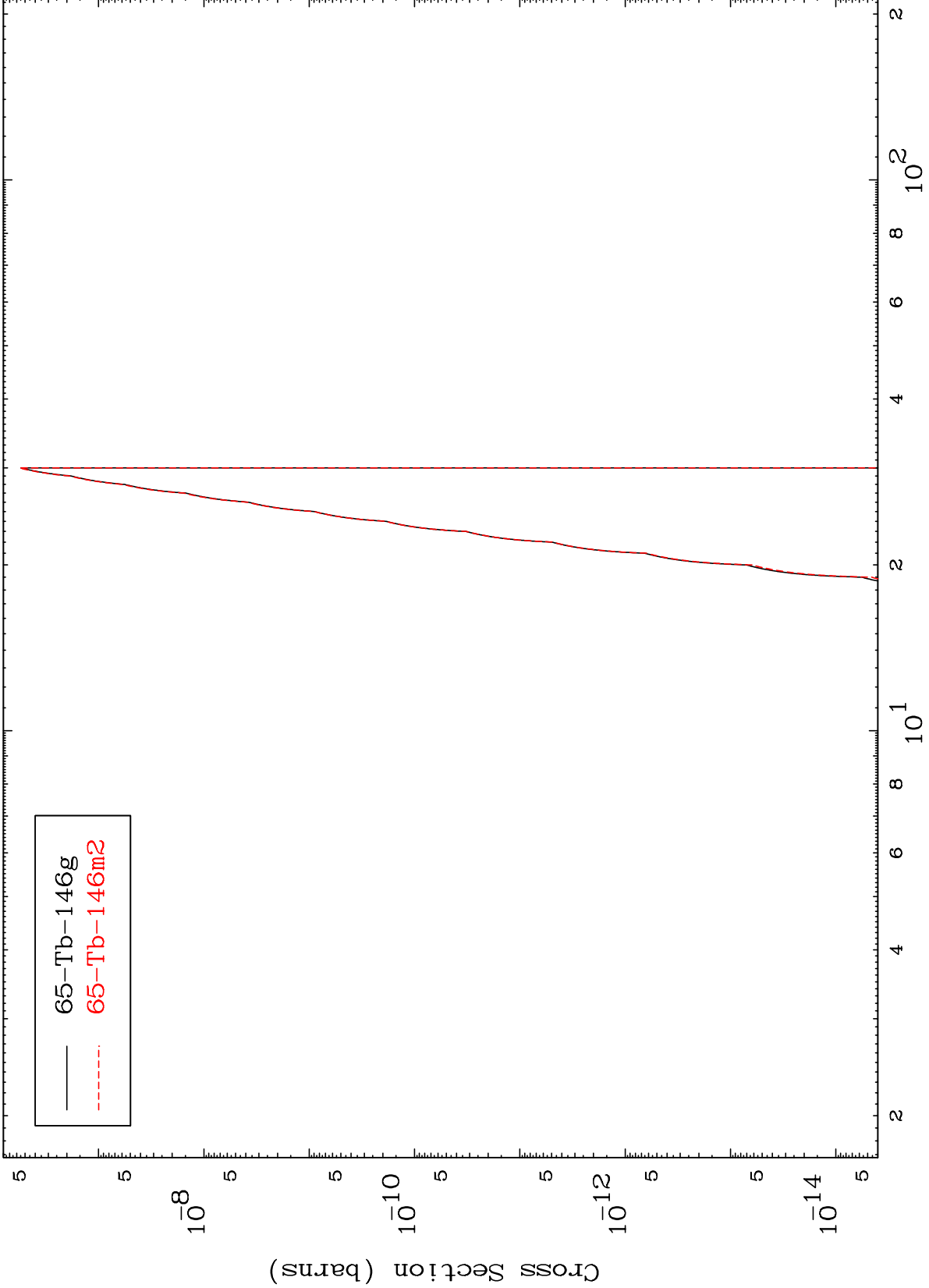
147

MAT 6883

(n,2n) 2α

69-Tm-155

Radionuclide Production Cross Section



65-Tb-146g
65-Tb-146m2

148

Incident Energy (MeV)

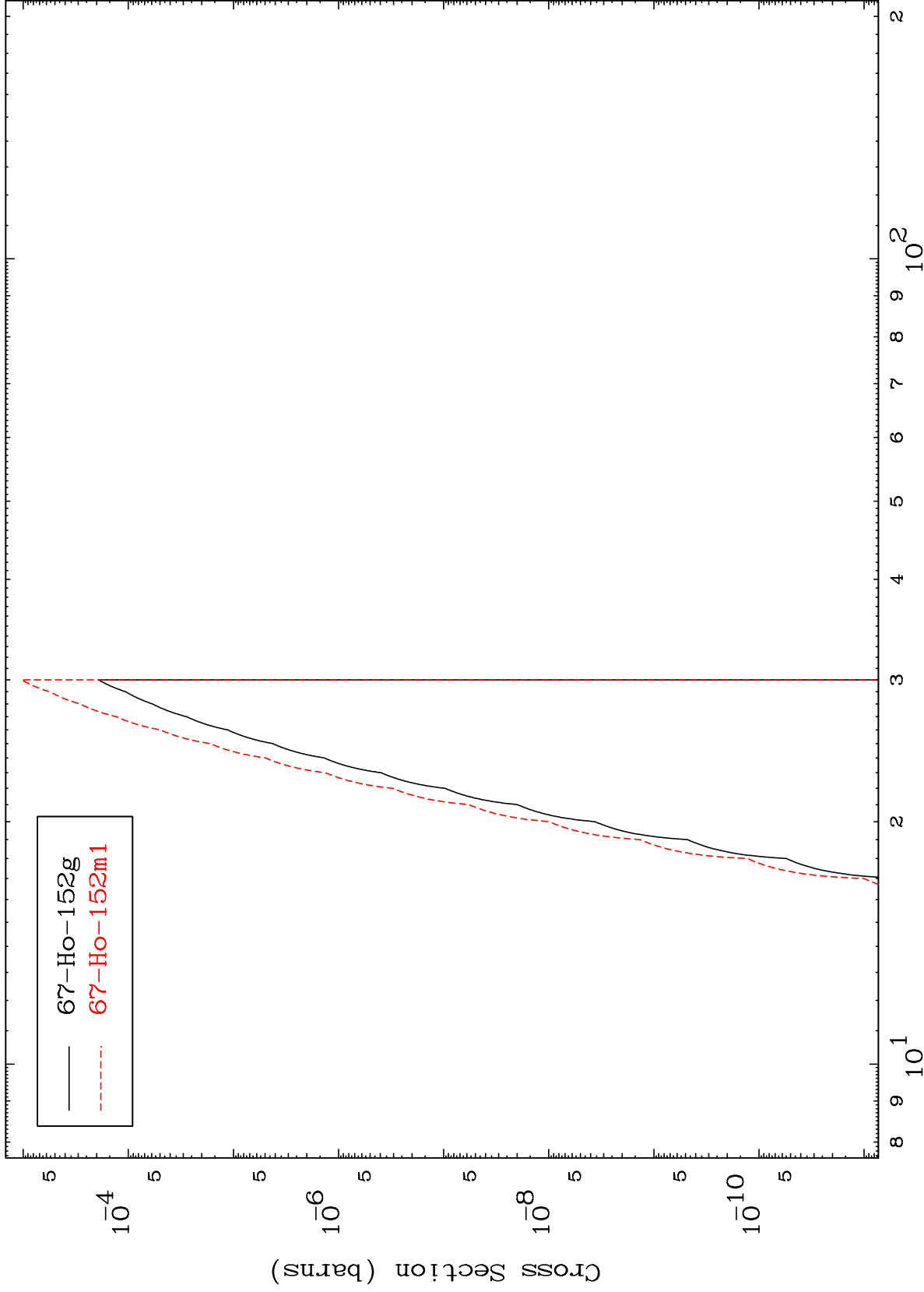
69-Tm-155

MAT 6883

(n,n') He-3

69-Tm-155

Radionuclide Production Cross Section



149

Incident Energy (MeV)

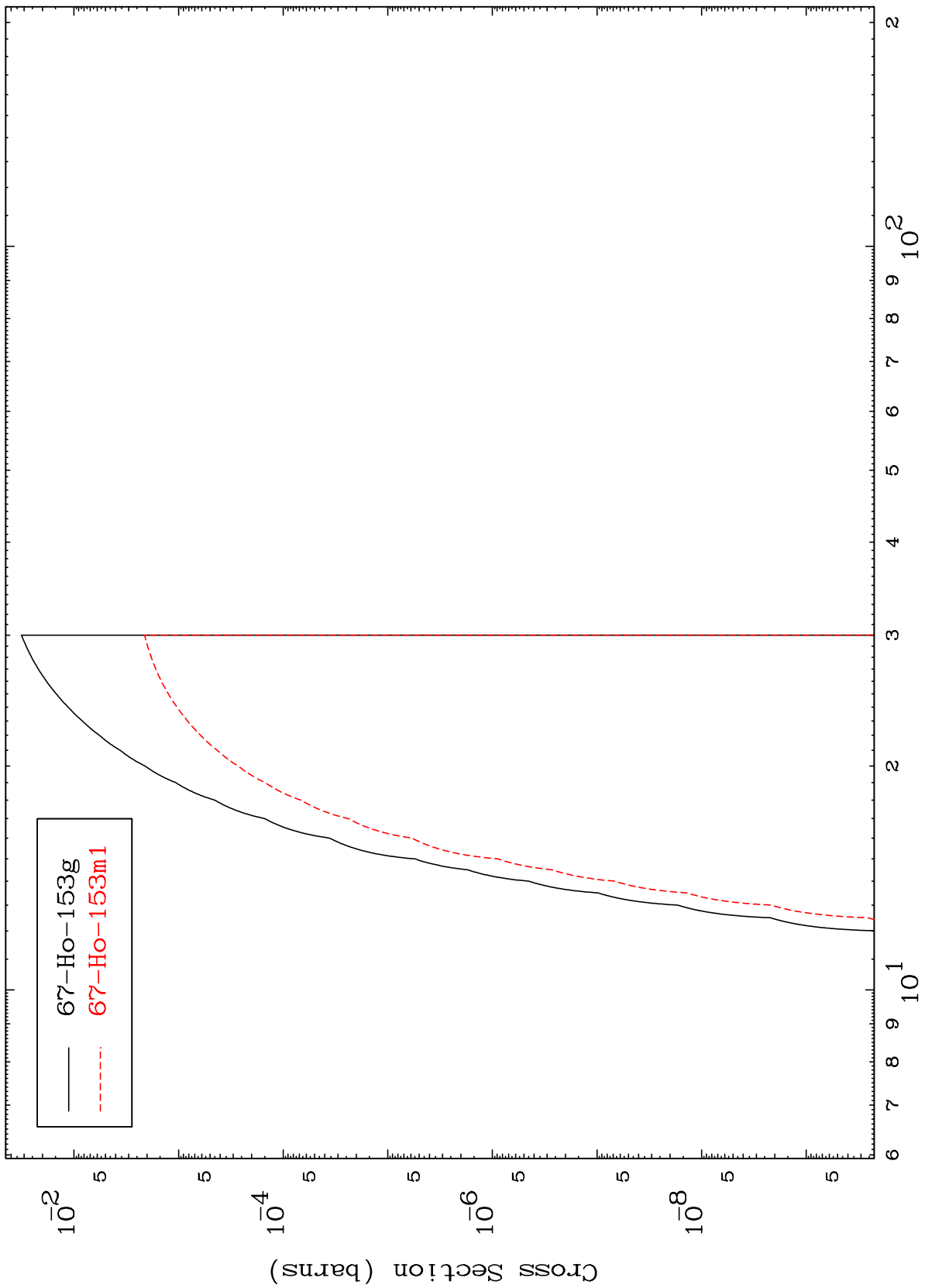
69-Tm-155

MAT 6883

(n,2n) p

69-Tm-155

Radionuclide Production Cross Section



67-Ho-153g
67-Ho-153m1

150

Incident Energy (MeV)

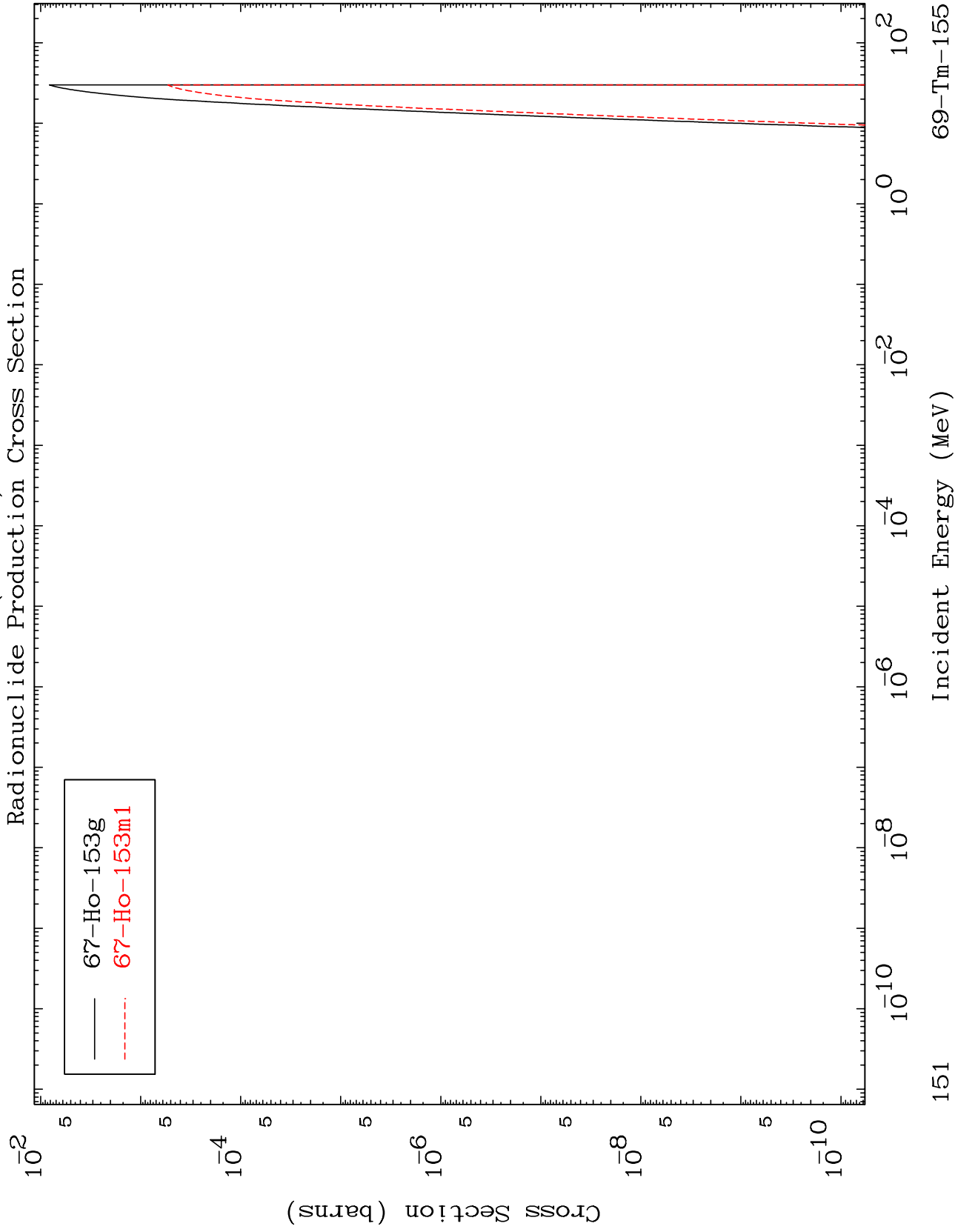
69-Tm-155

MAT 6883

(n,He-3)

69-Tm-155

Radionuclide Production Cross Section

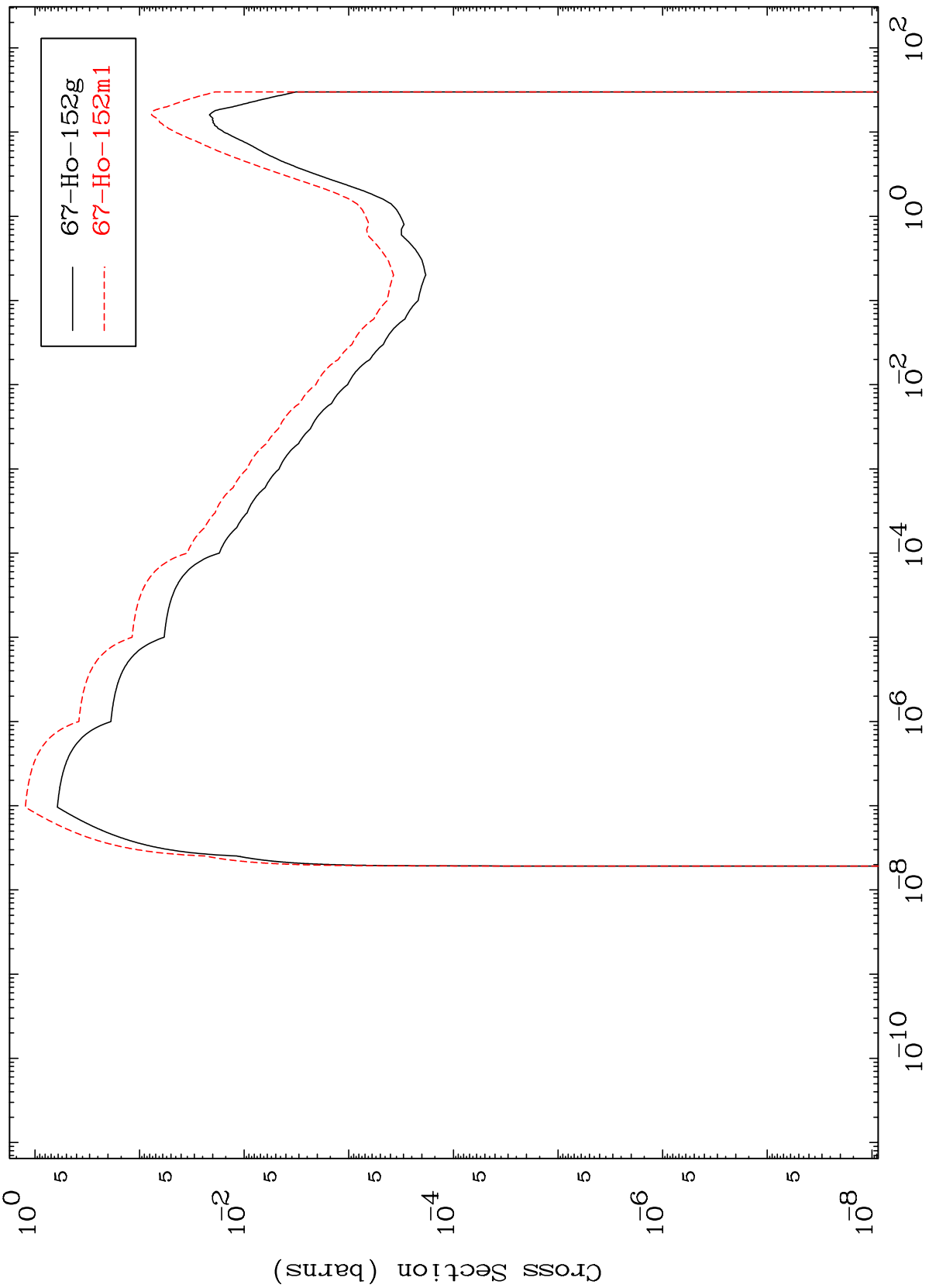


151

Incident Energy (MeV)

69-Tm-155

(n, α)
Radionuclide Production Cross Section

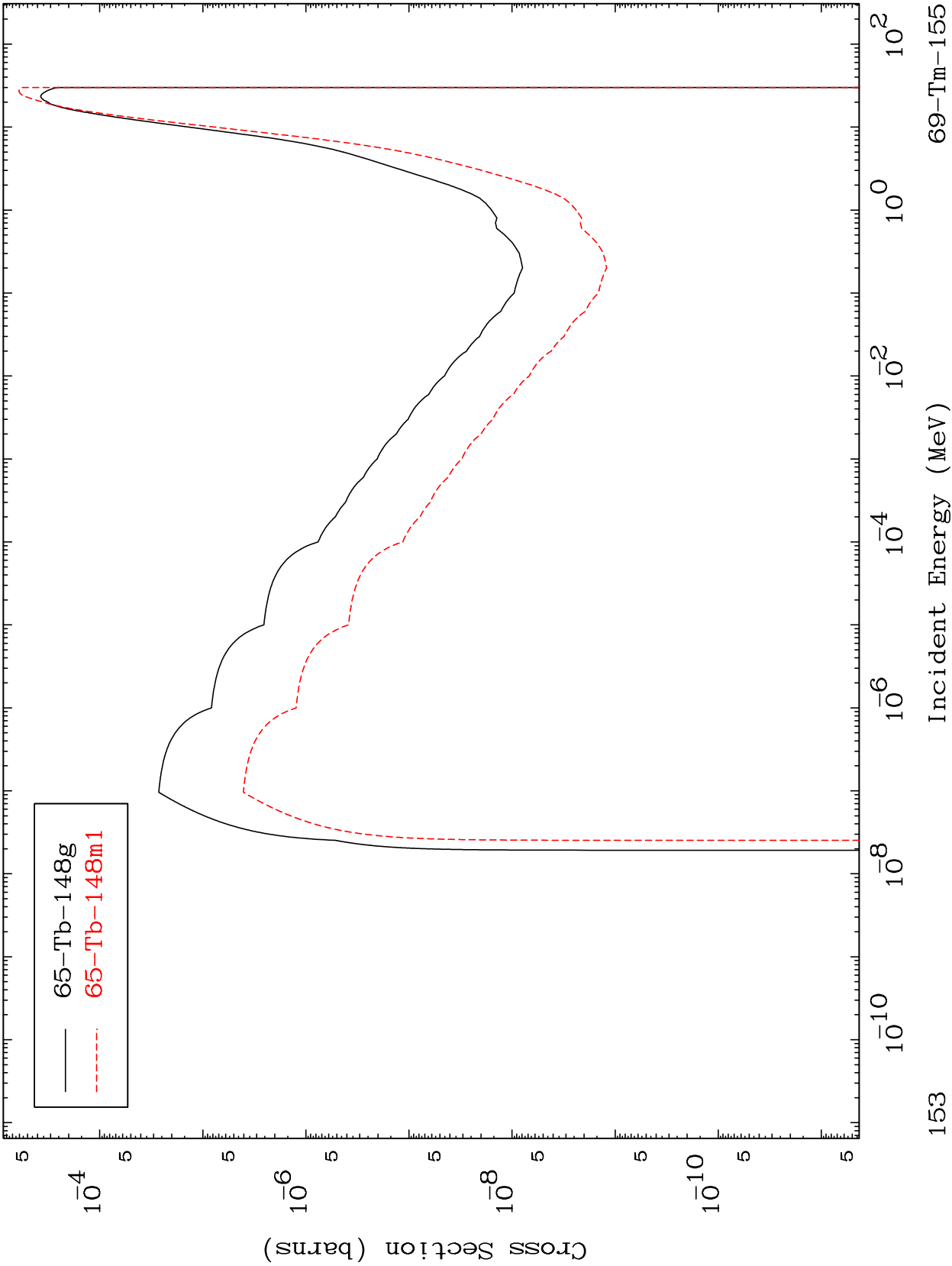


MAT 6883

(n,2α)

69-Tm-155

Radionuclide Production Cross Section

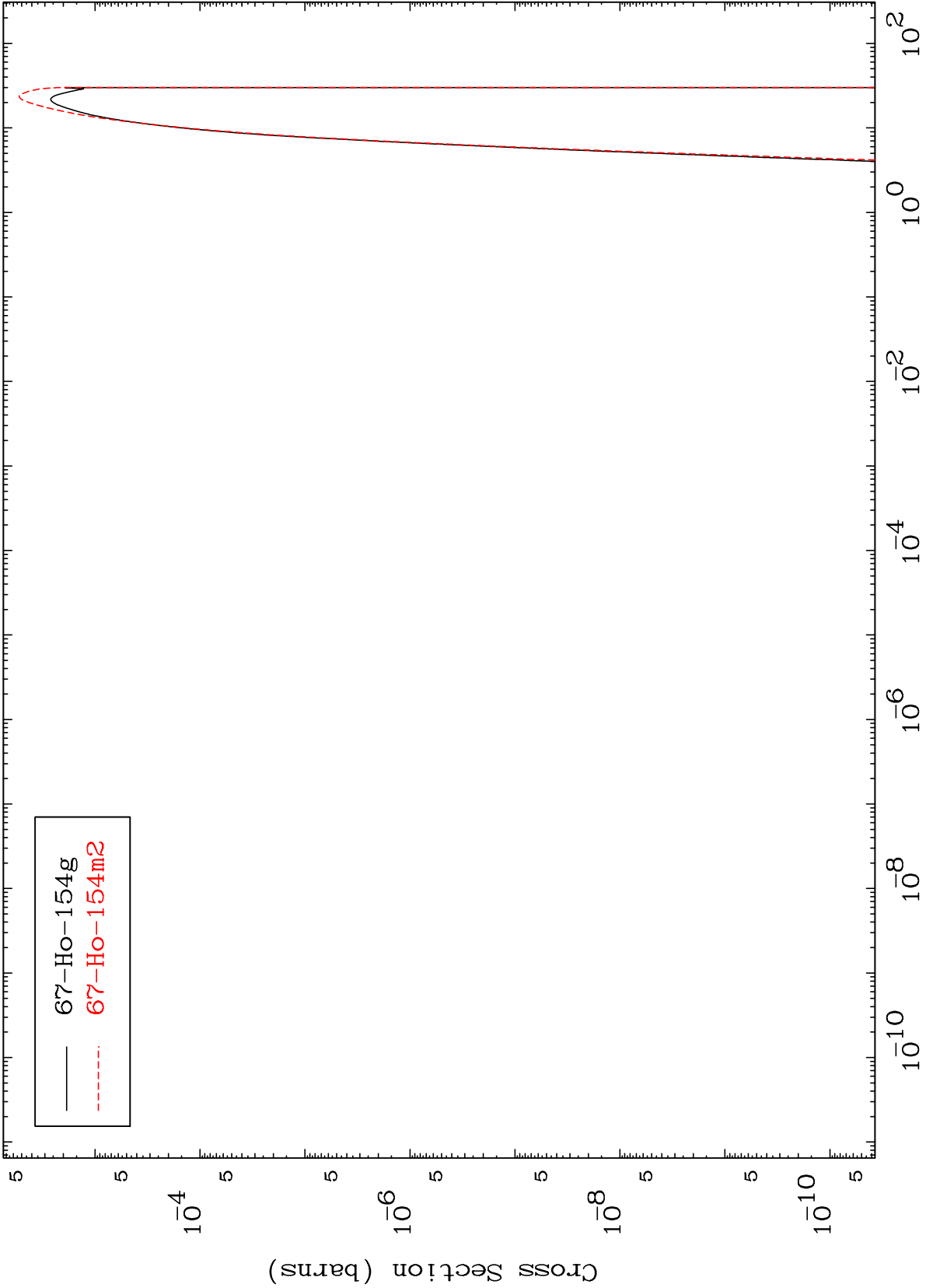


MAT 6883

(n,2p)

69-Tm-155

Radionuclide Production Cross Section



154

Incident Energy (MeV)

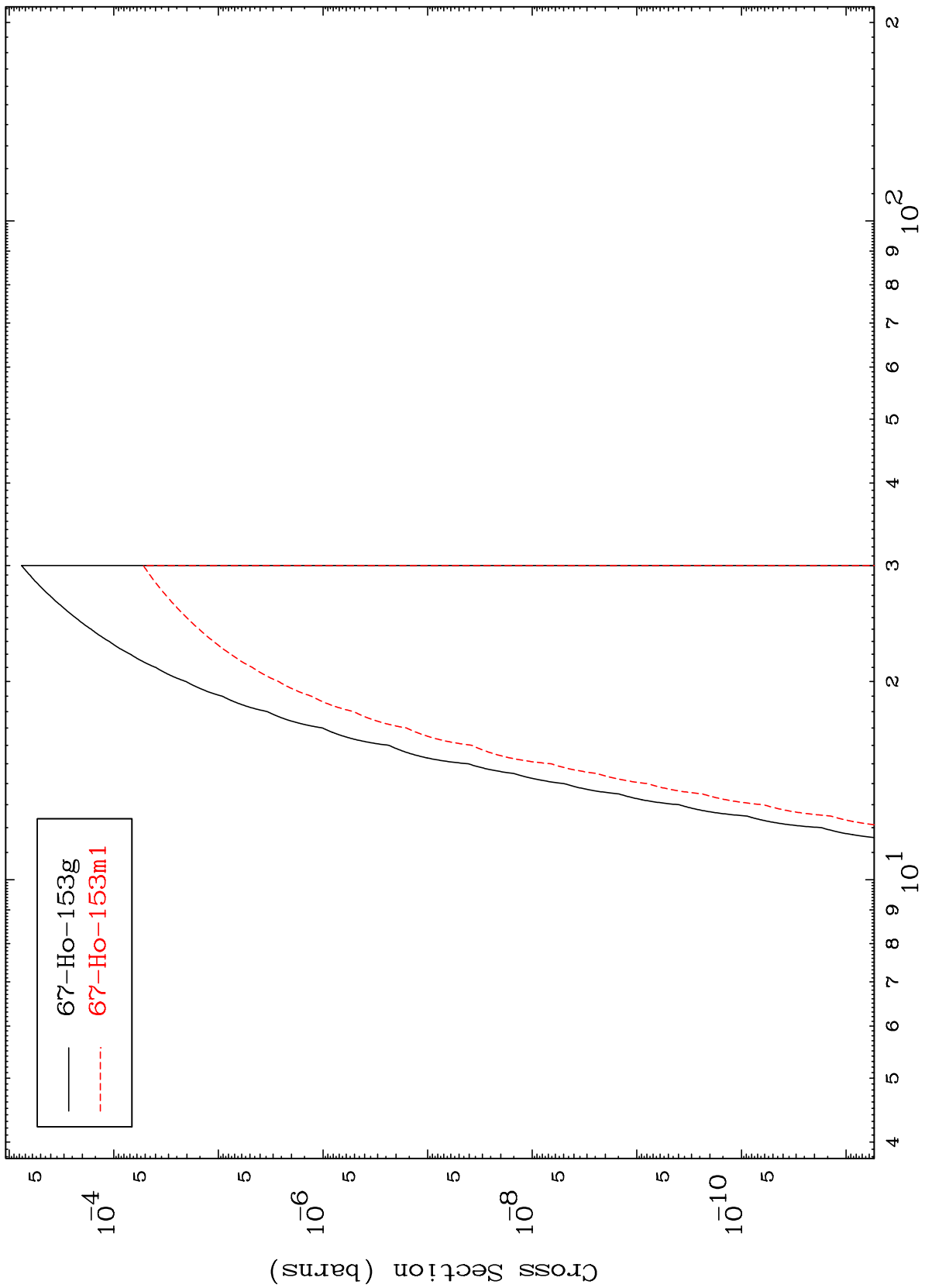
69-Tm-155

MAT 6883

(n,p) d

69-Tm-155

Radionuclide Production Cross Section



155

Incident Energy (MeV)

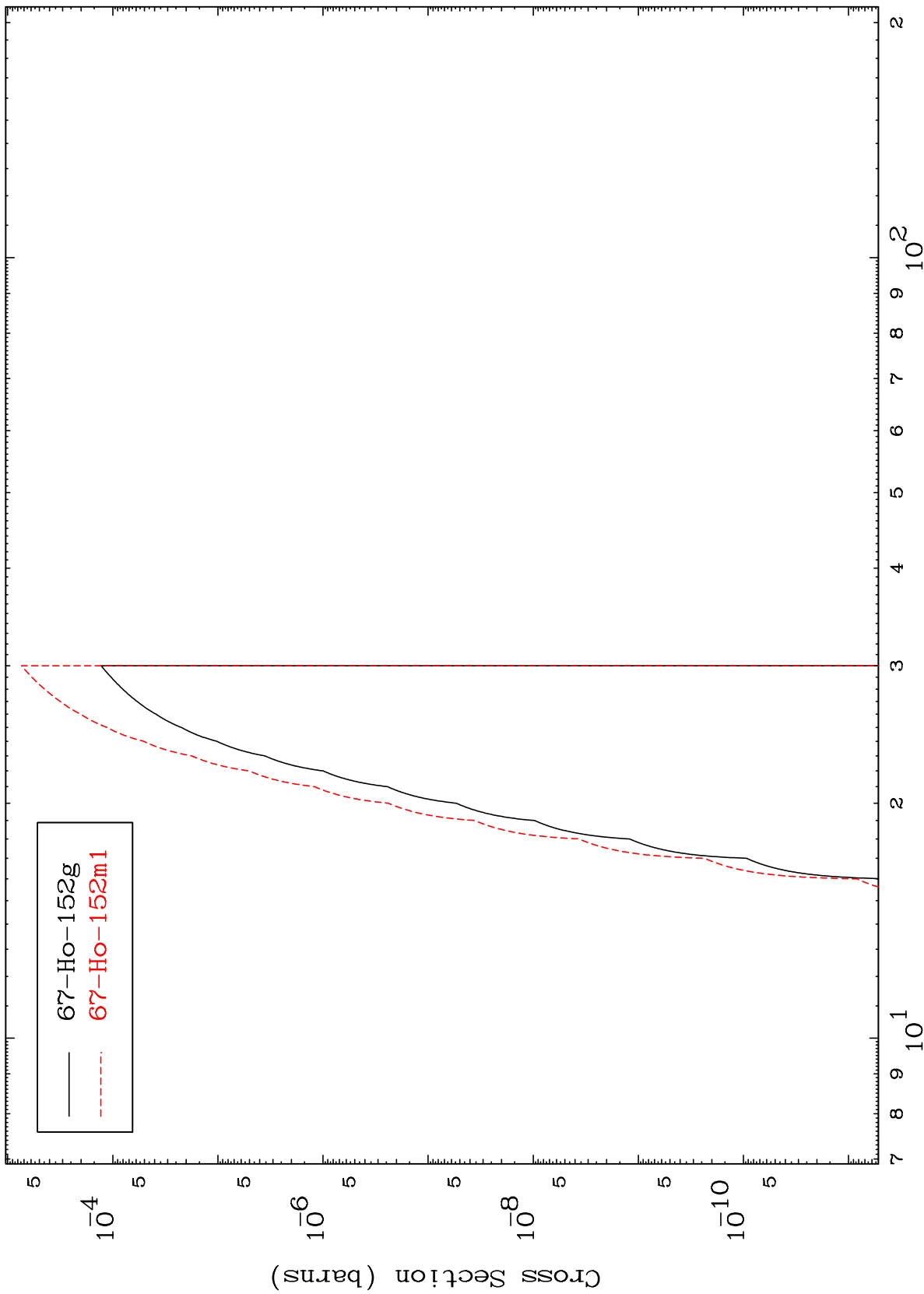
69-Tm-155

MAT 6883

(n,p) t

69-Tm-155

Radionuclide Production Cross Section



156

Incident Energy (MeV)

69-Tm-155