

Program EVALPLOT  
(Version 2021-1)

by

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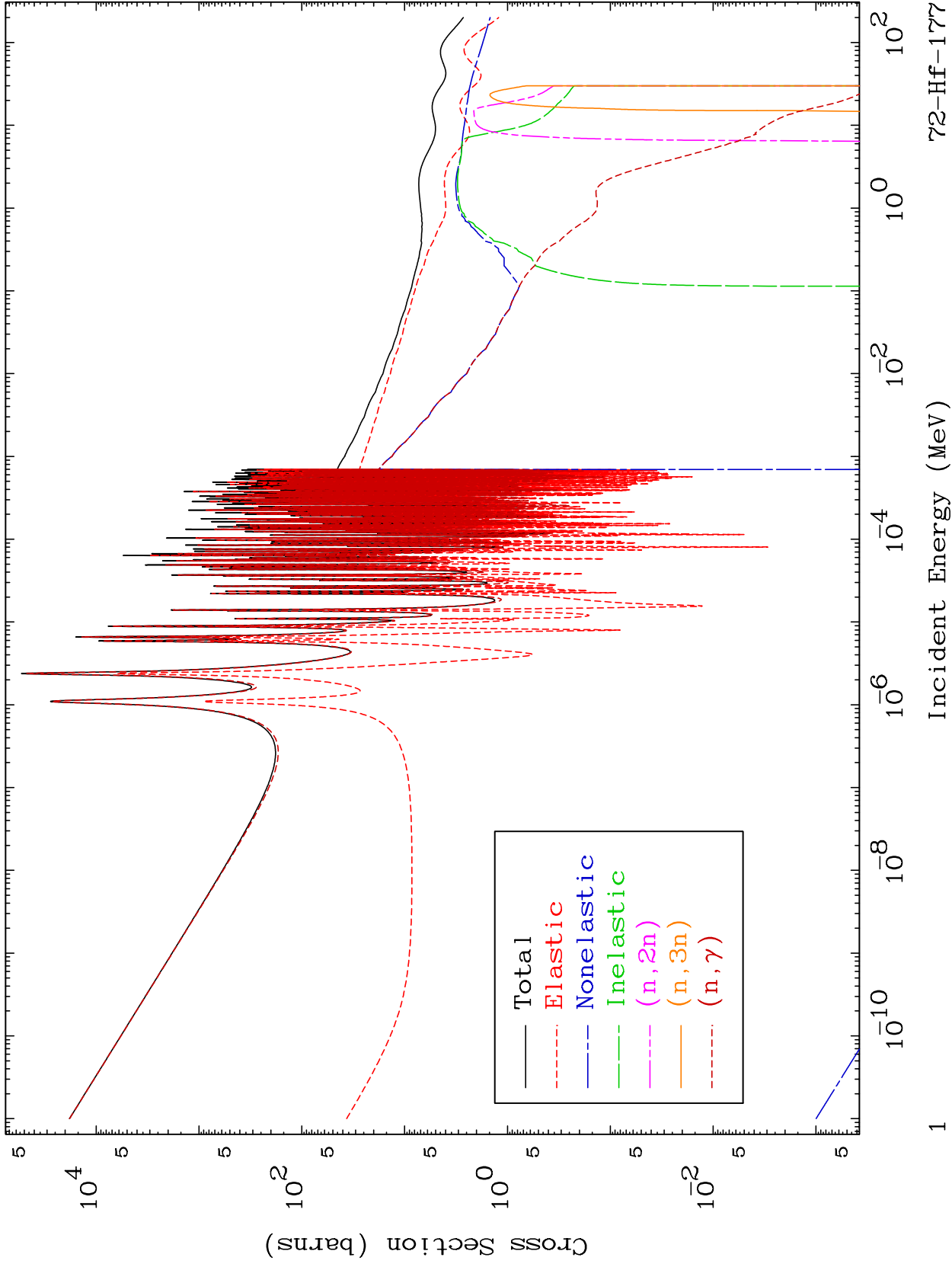
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7234

Neutron Major  
293 Kelvin Cross Sections

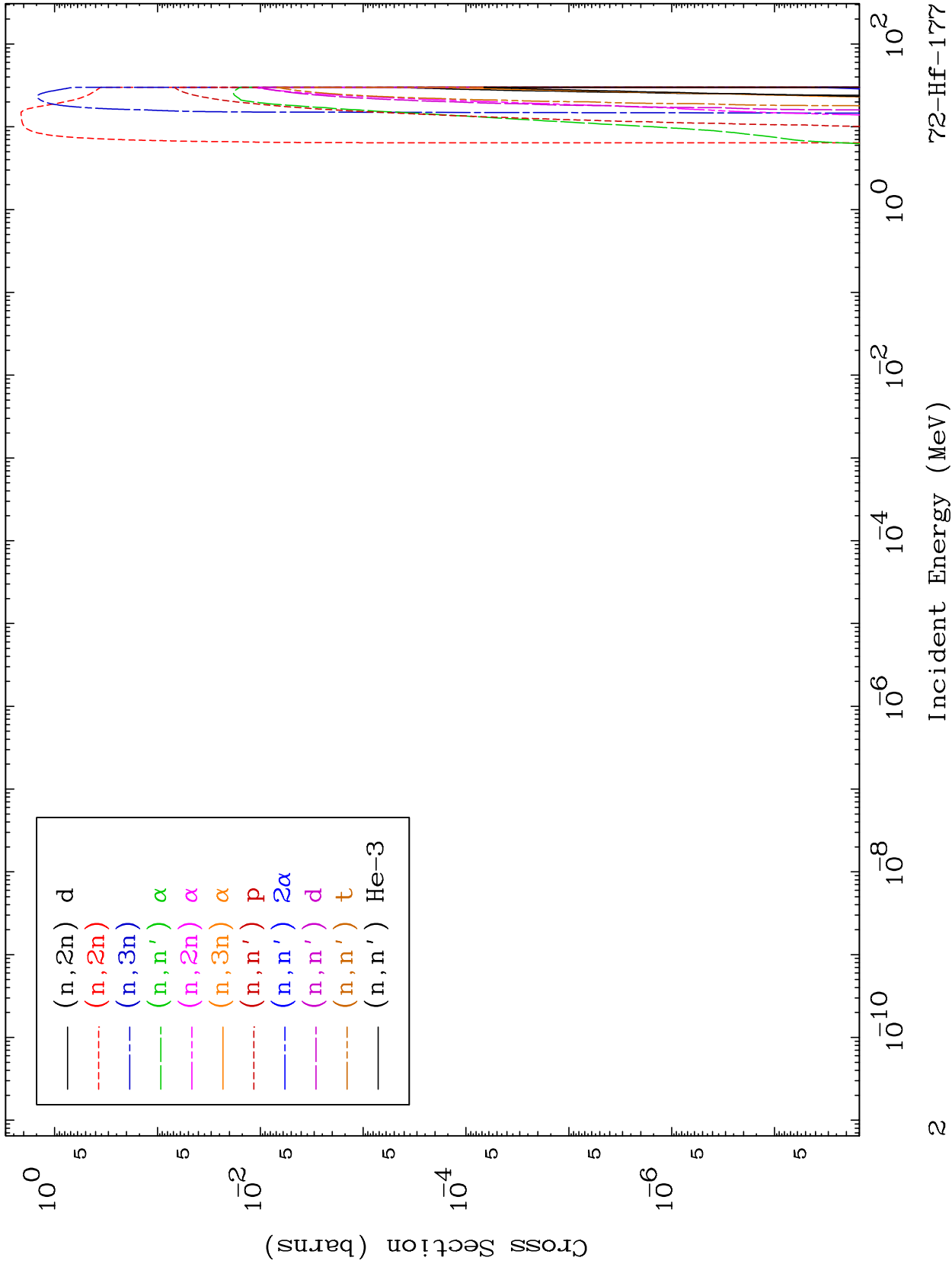
72-Hf-177



MAT 7234

Neutron Absorption  
293 Kelvin Cross Sections

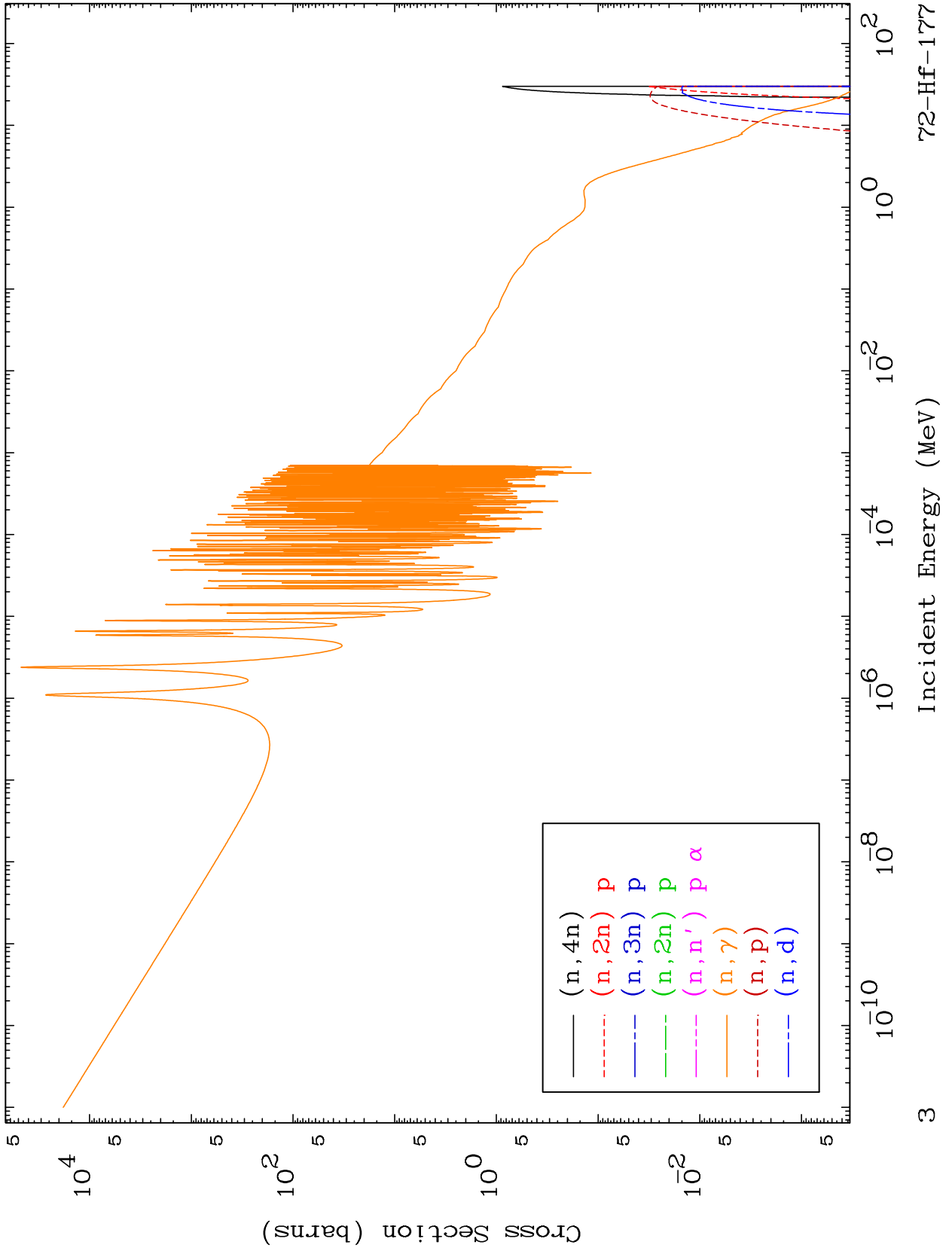
72-Hf-177



MAT 7234

Neutron Absorption  
293 Kelvin Cross Sections

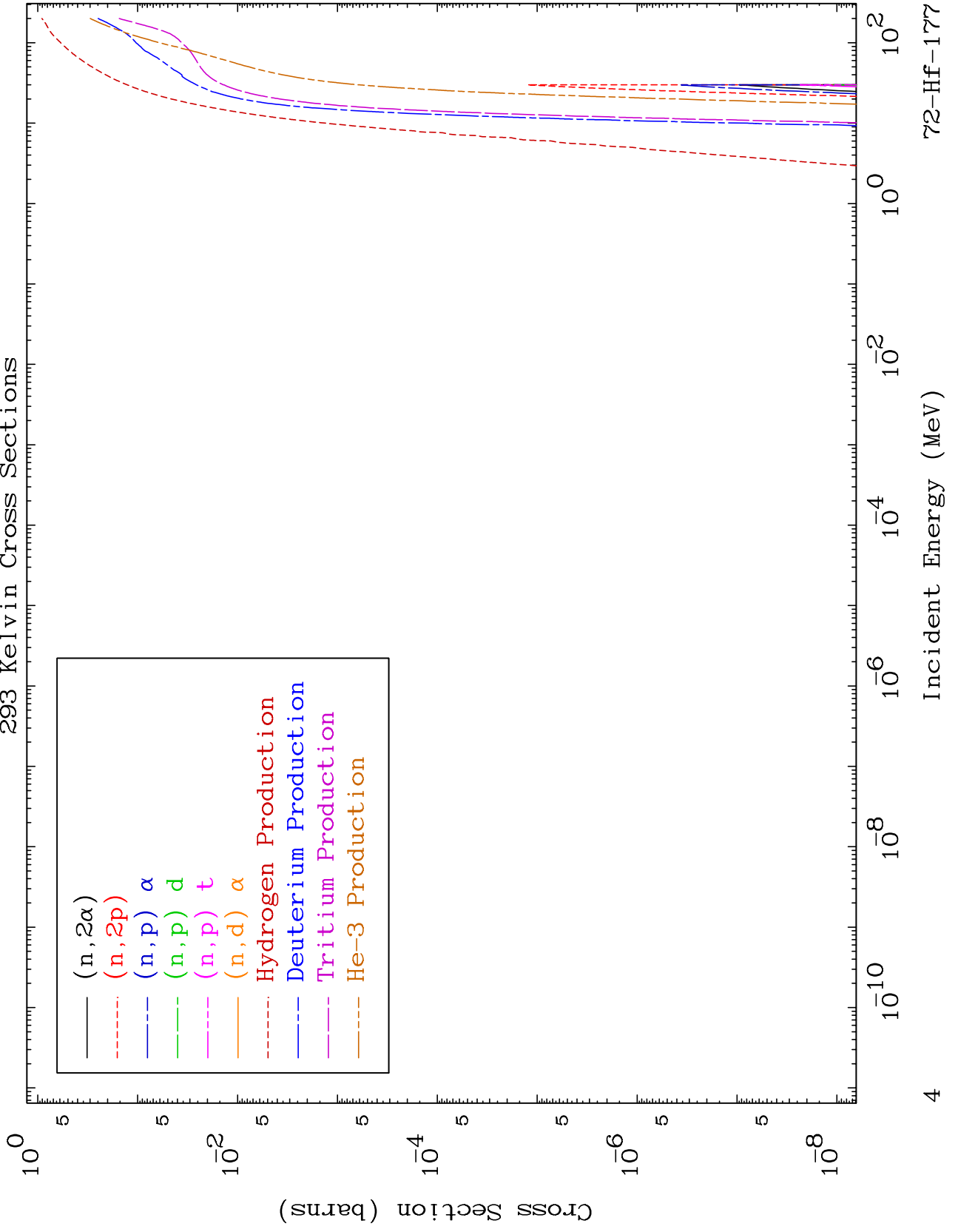
72-Hf-177



MAT 7234

Neutron Absorption  
293 Kelvin Cross Sections

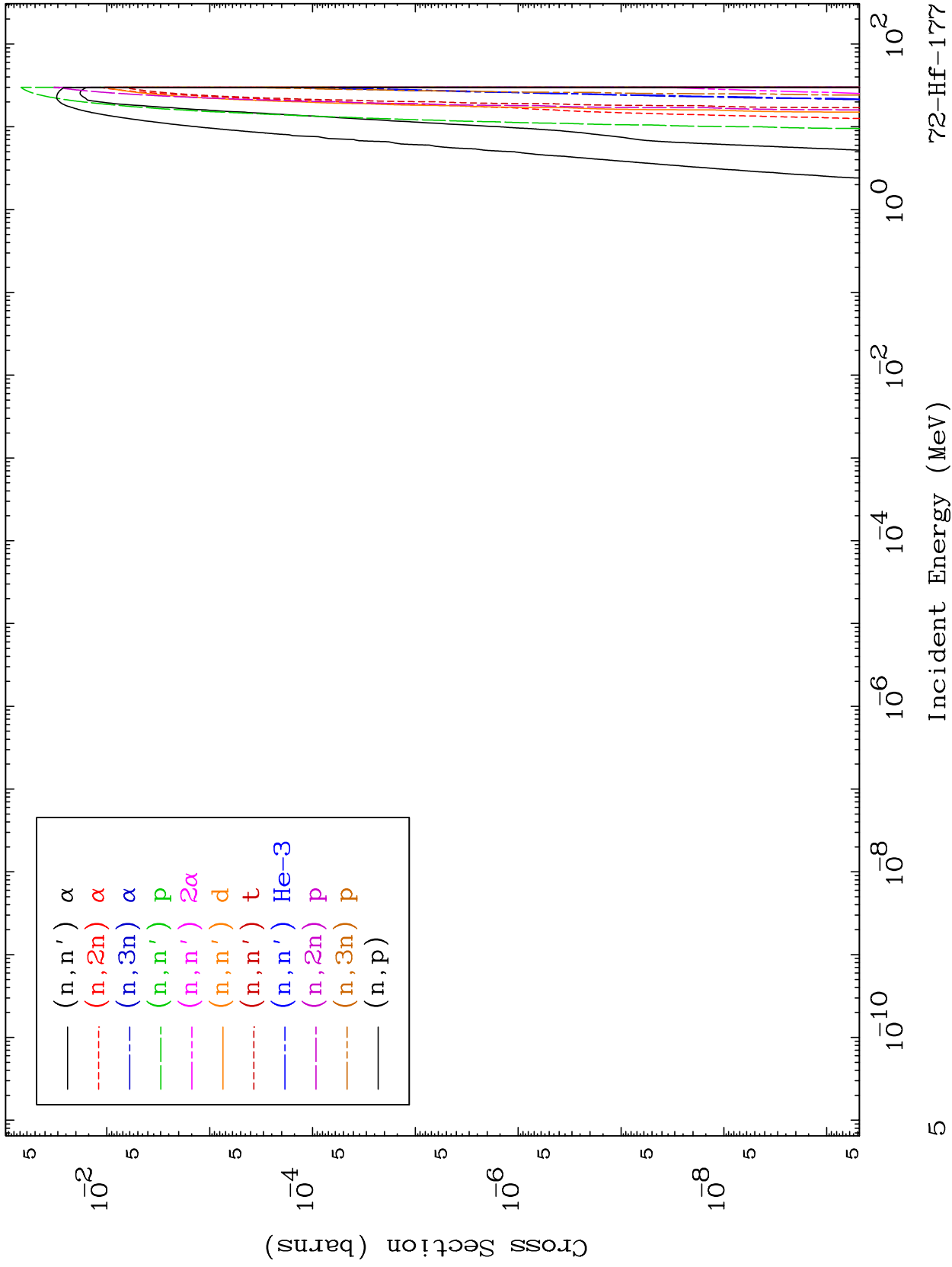
72-Hf-177



MAT 7234

Charged Particle  
293 Kelvin Cross Sections

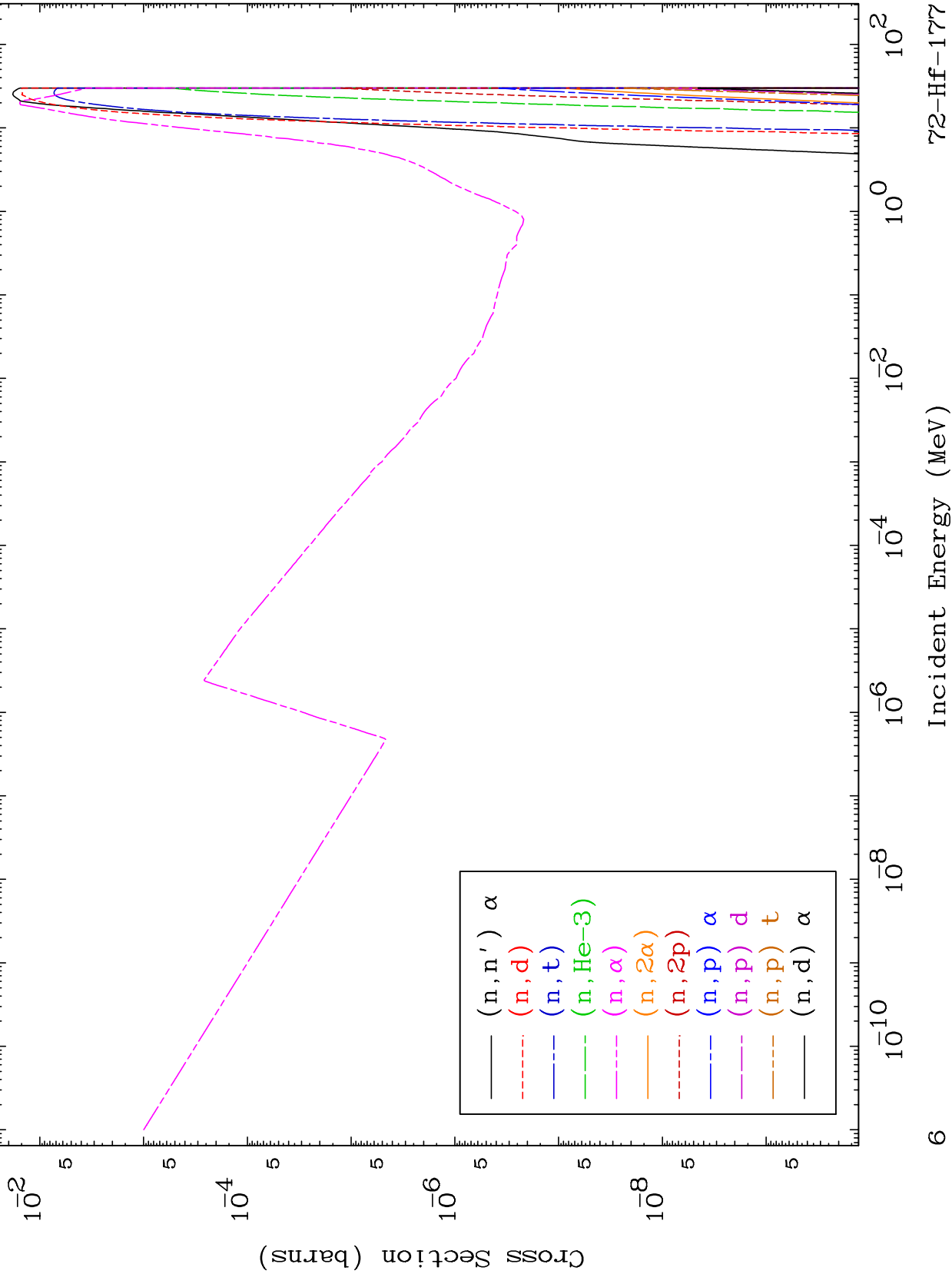
72-Hf-177



MAT 7234

Charged Particle  
293 Kelvin Cross Sections

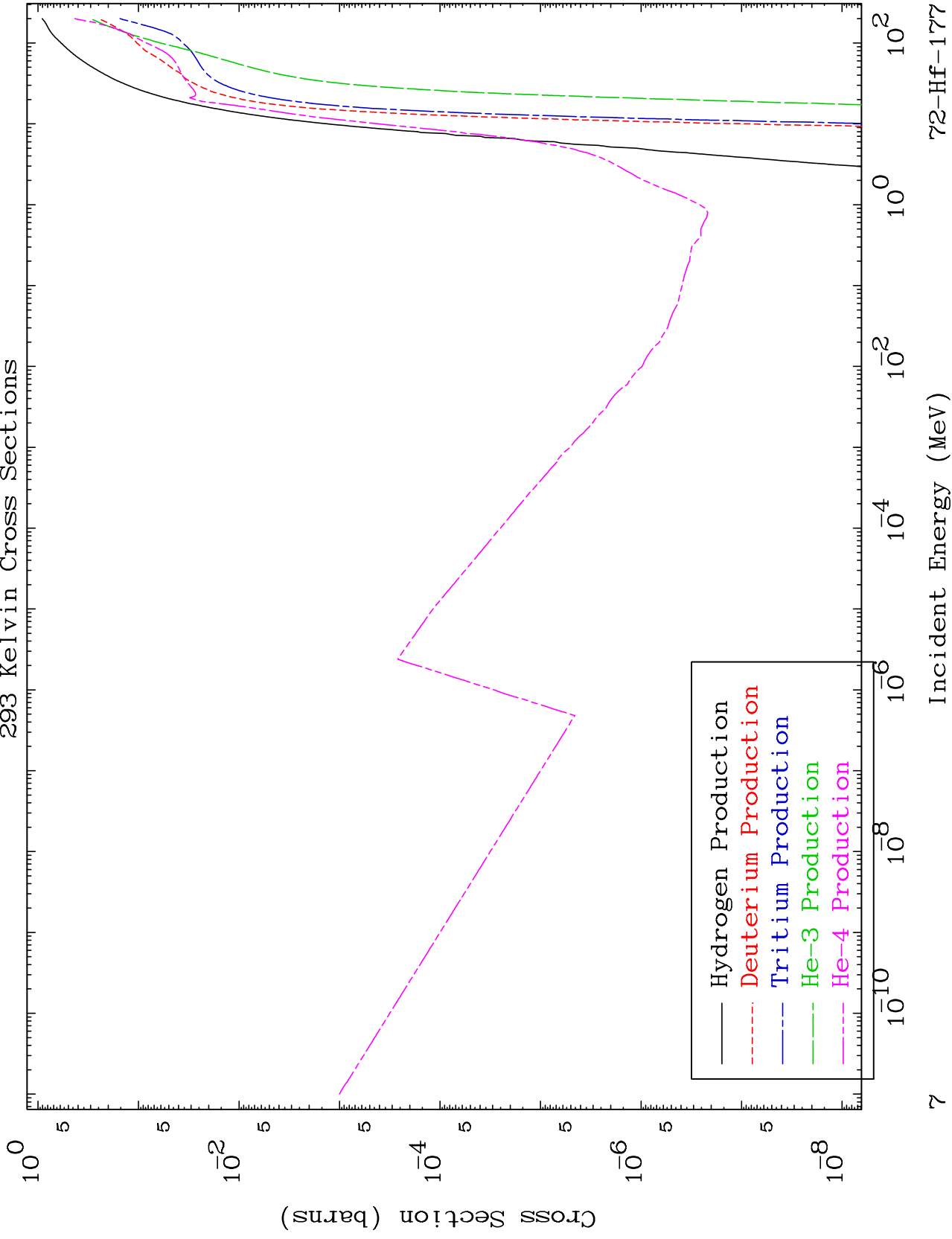
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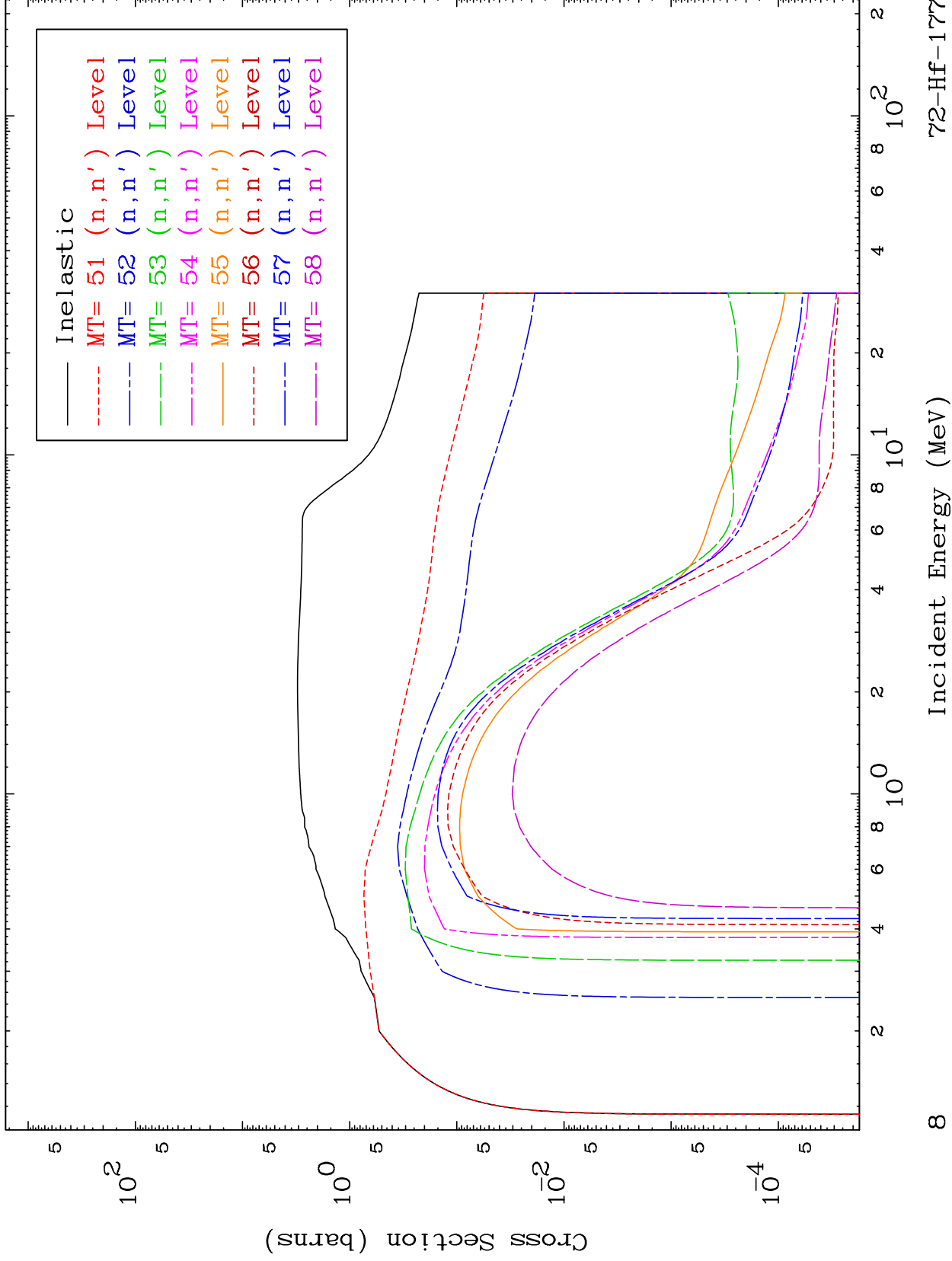


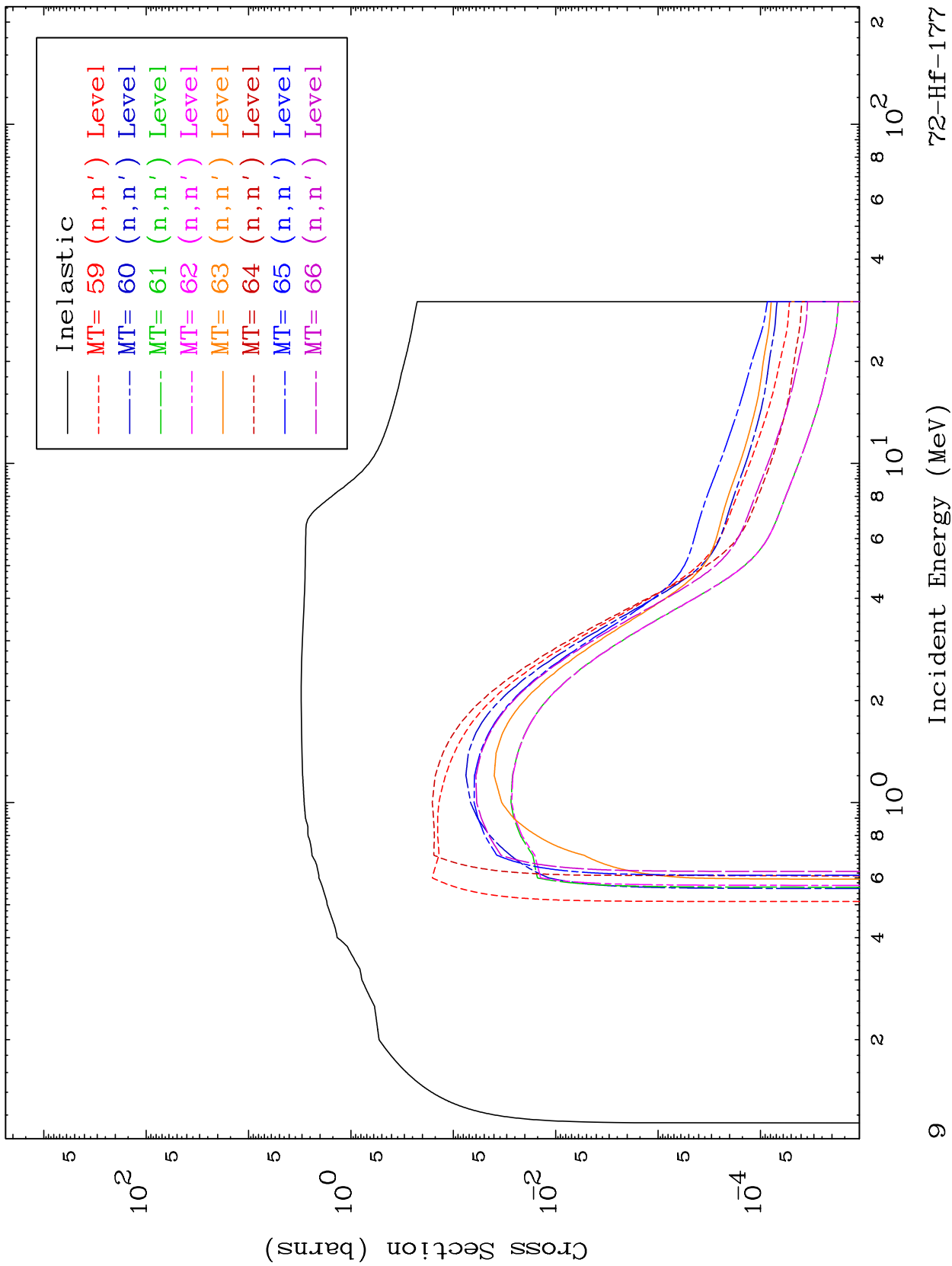
MAT 7234

Particle Production  
293 Kelvin Cross Sections

72-Hf-177



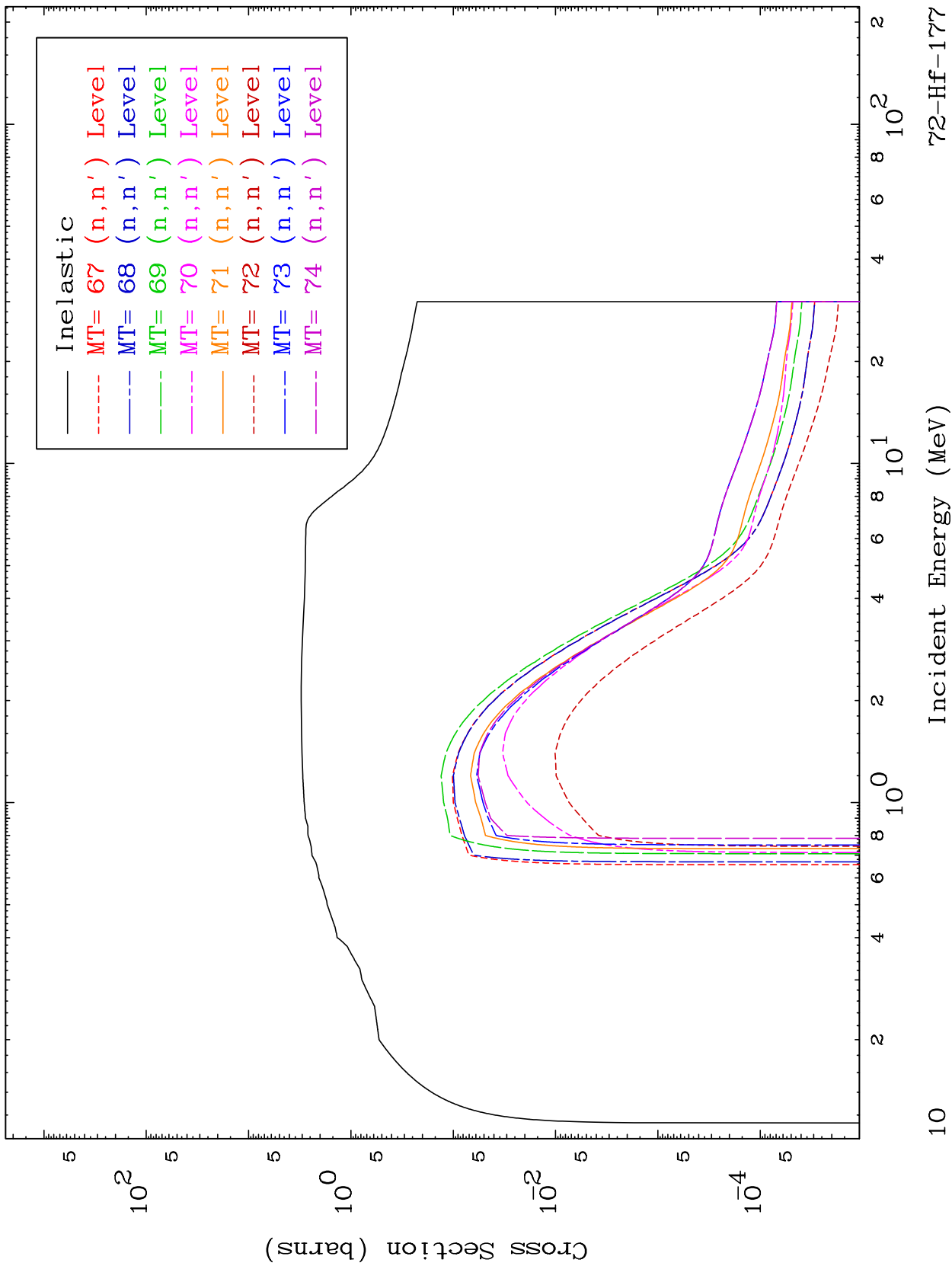




MAT 7234

(n,n') Levels  
293 Kelvin Cross Sections

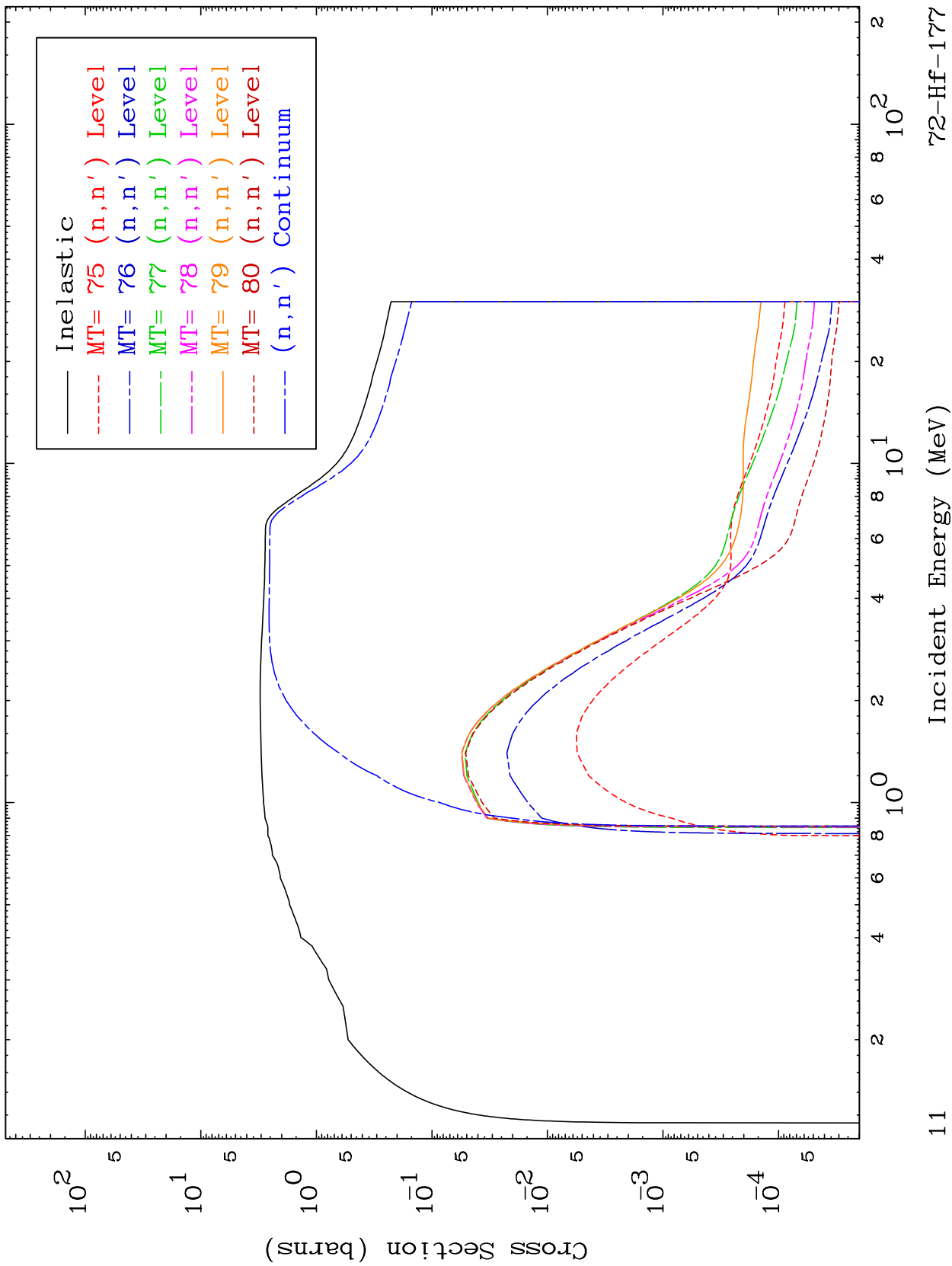
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10

Incident Energy (MeV)

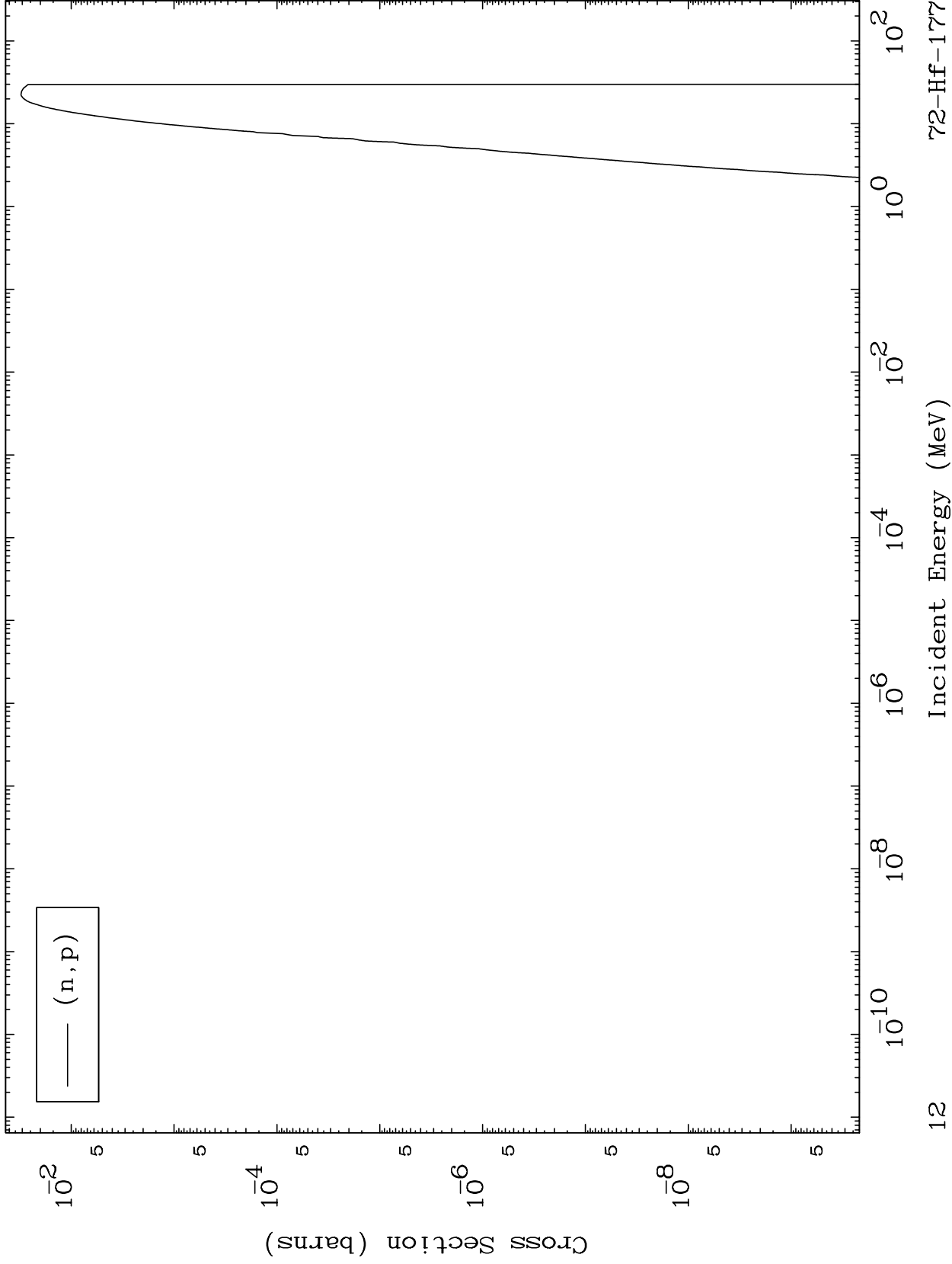
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MAT 7234

(n,p) Levels  
293 Kelvin Cross Sections

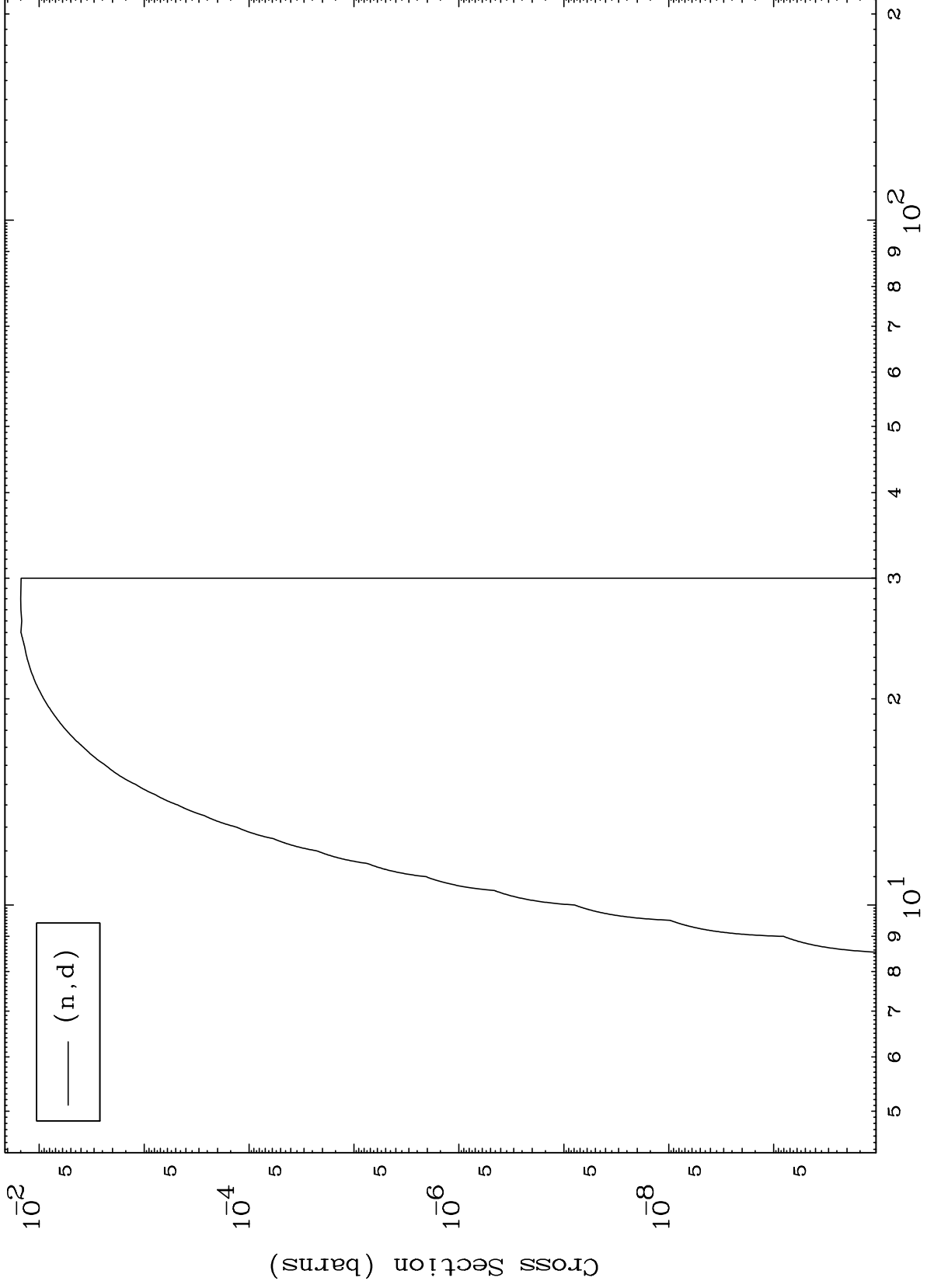
72-Hf-177



MAT 7234

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-177



(n,d)

13

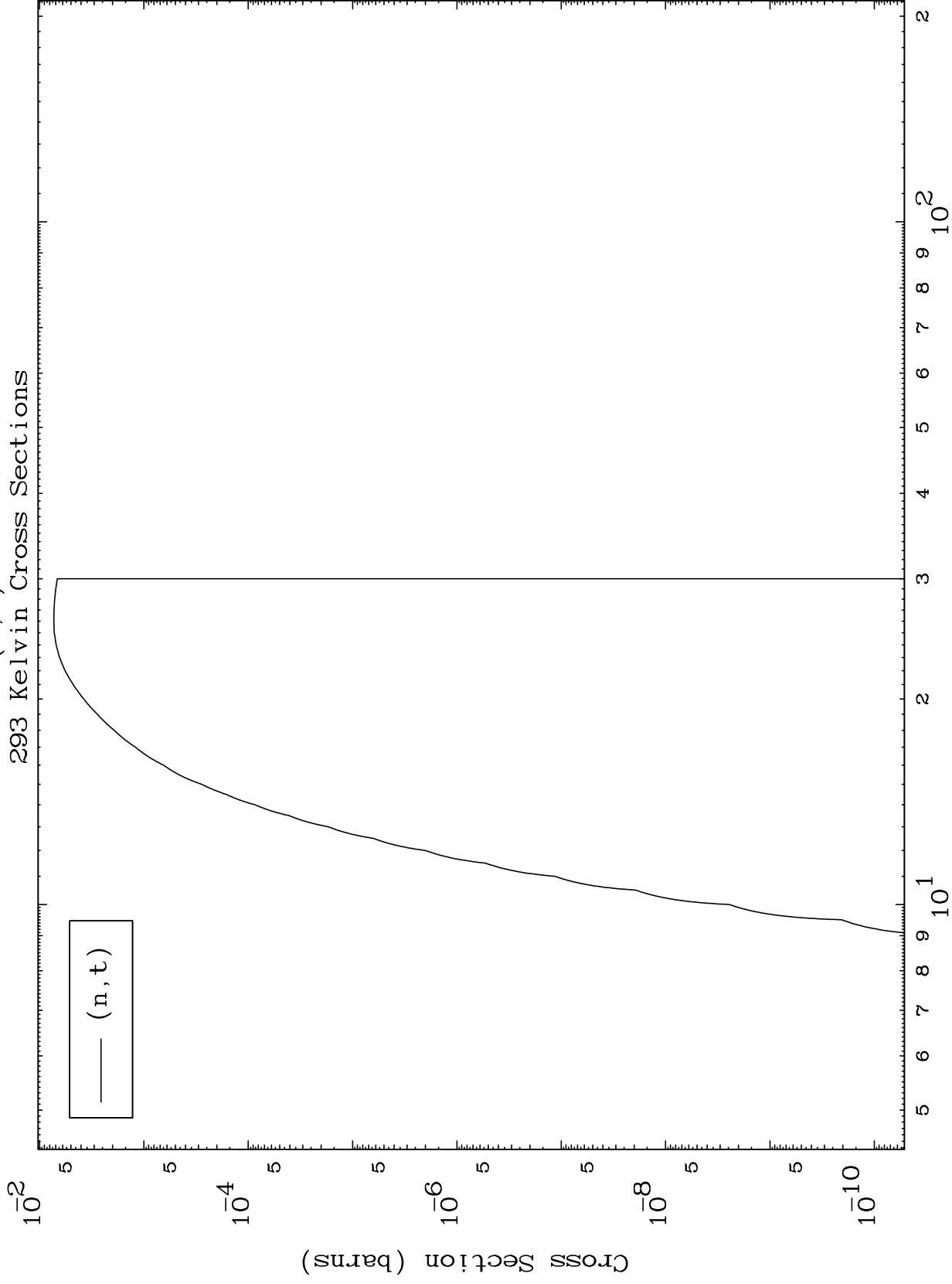
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-177



14

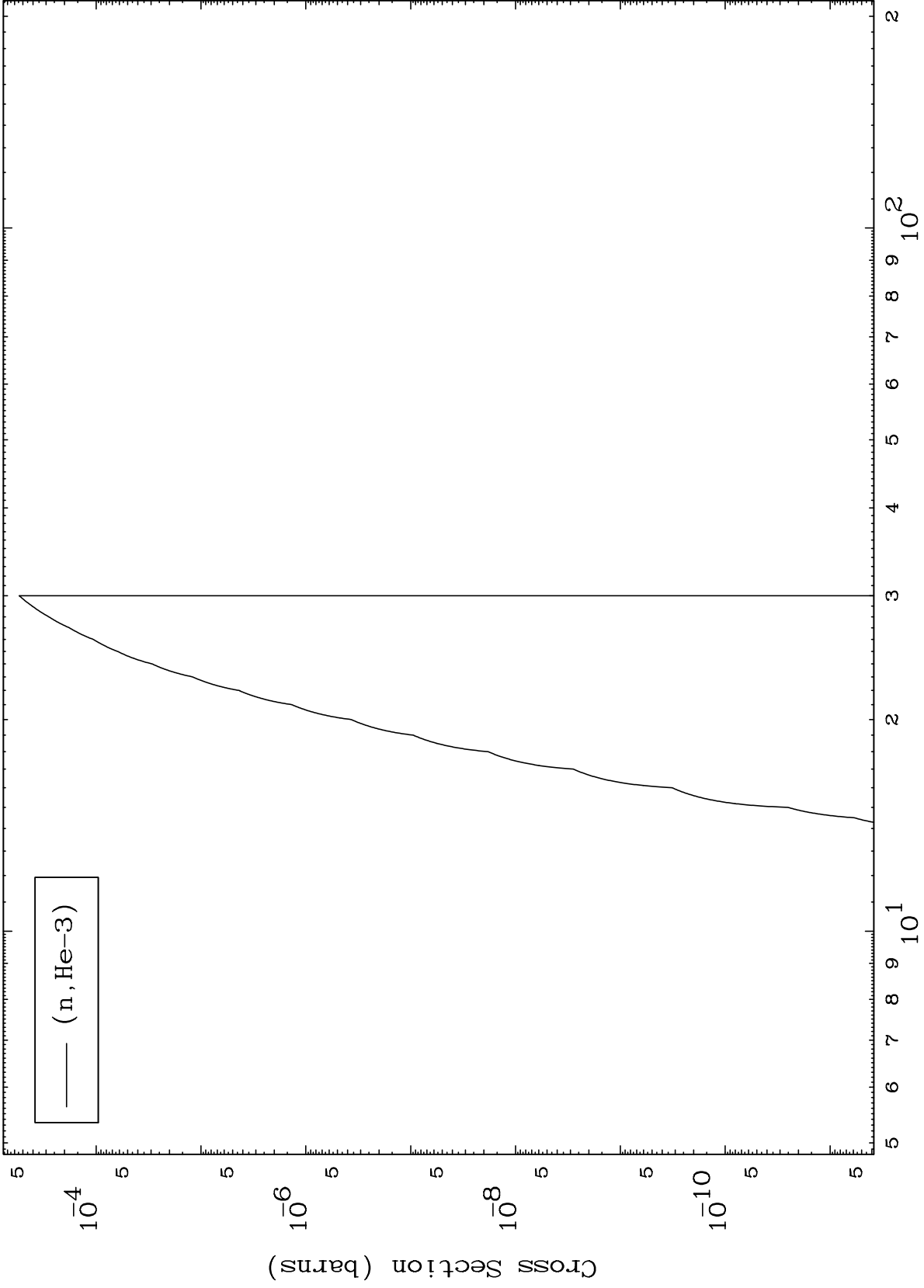
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-177



15

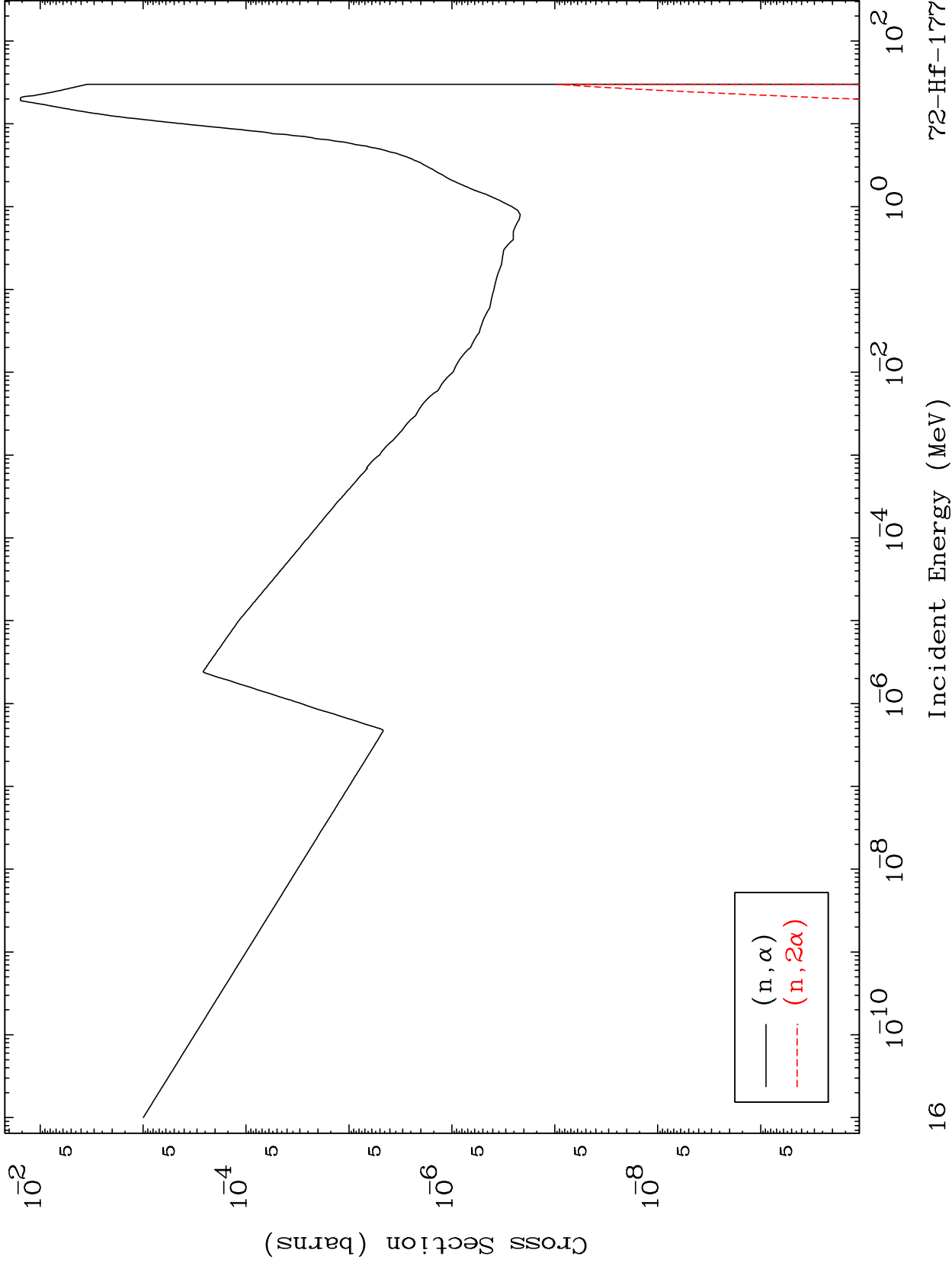
Incident Energy (MeV)

72-Hf-177

MAT 7234

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

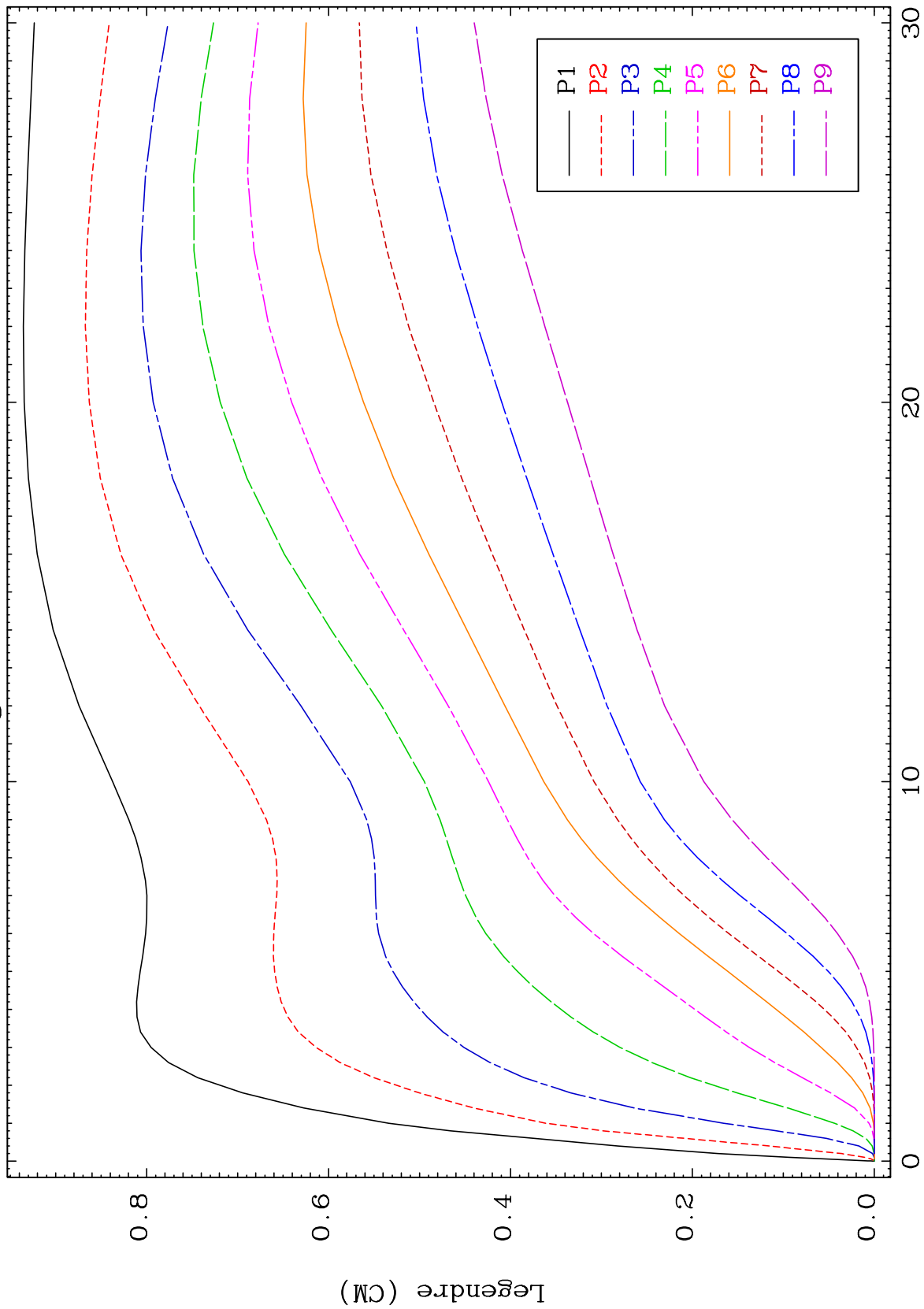
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MAT 7234

Elastic Legendre Coefficients

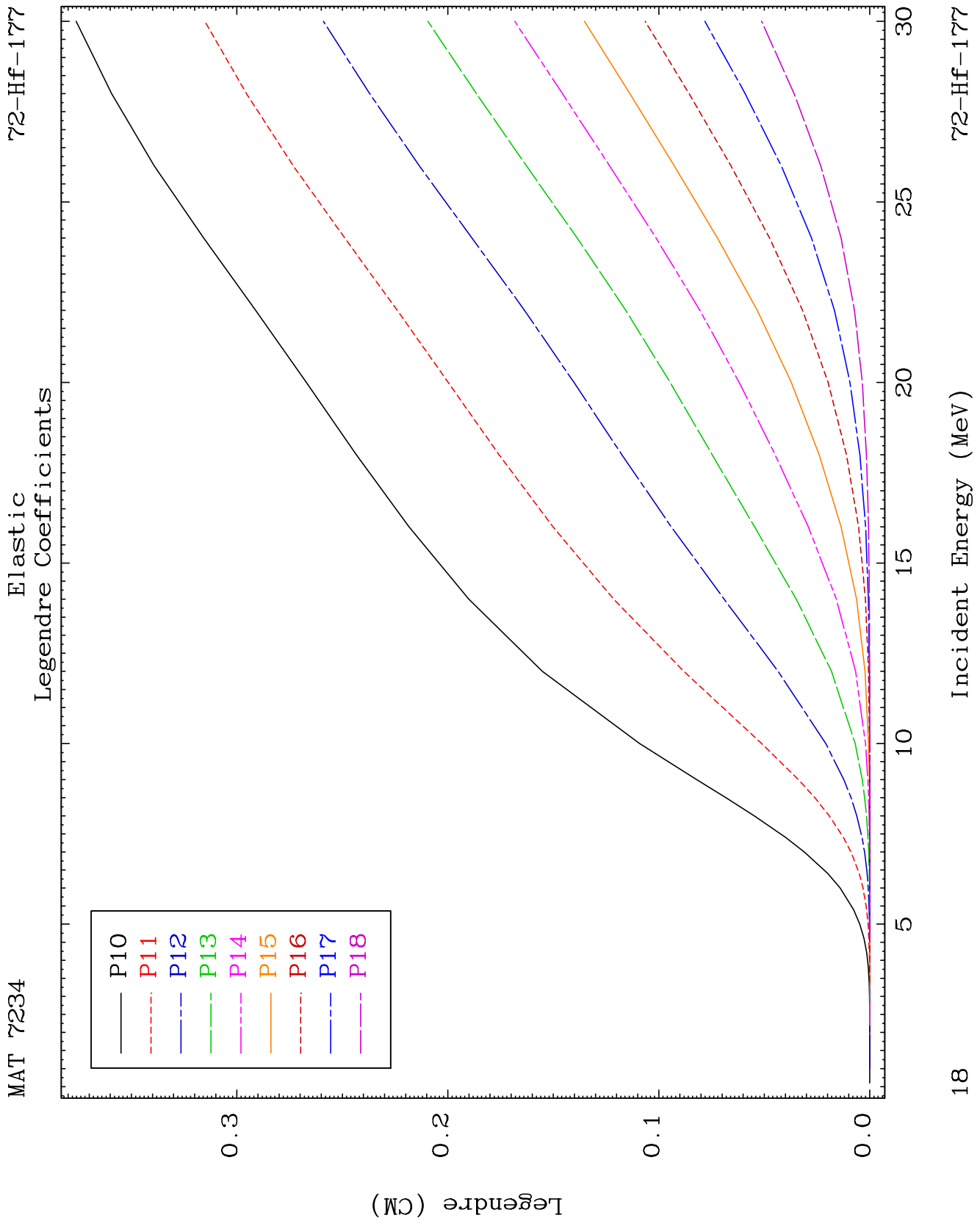
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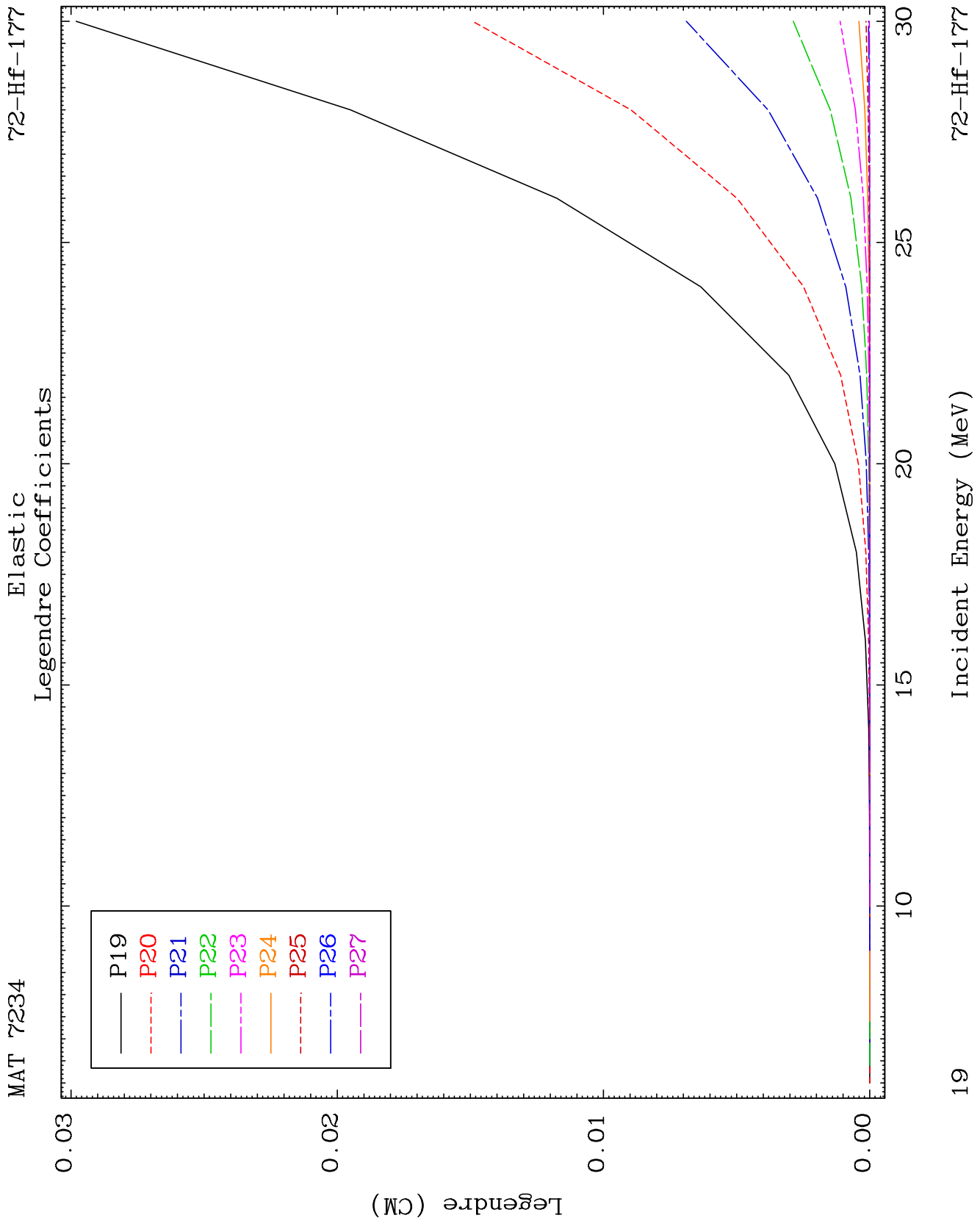


17

Incident Energy (MeV)

72-Hf-177

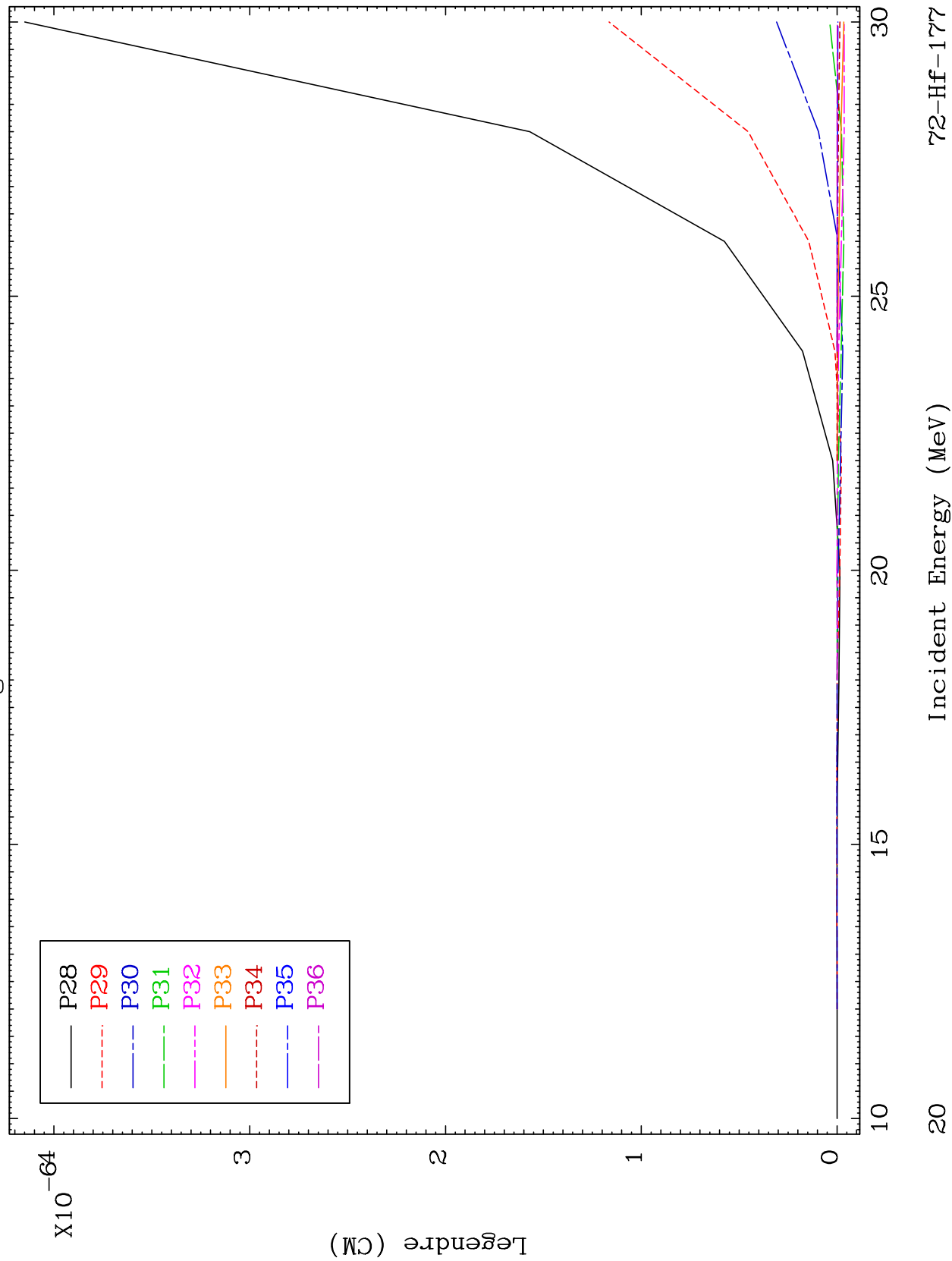




MAT 7234

Elastic  
Legendre Coefficients

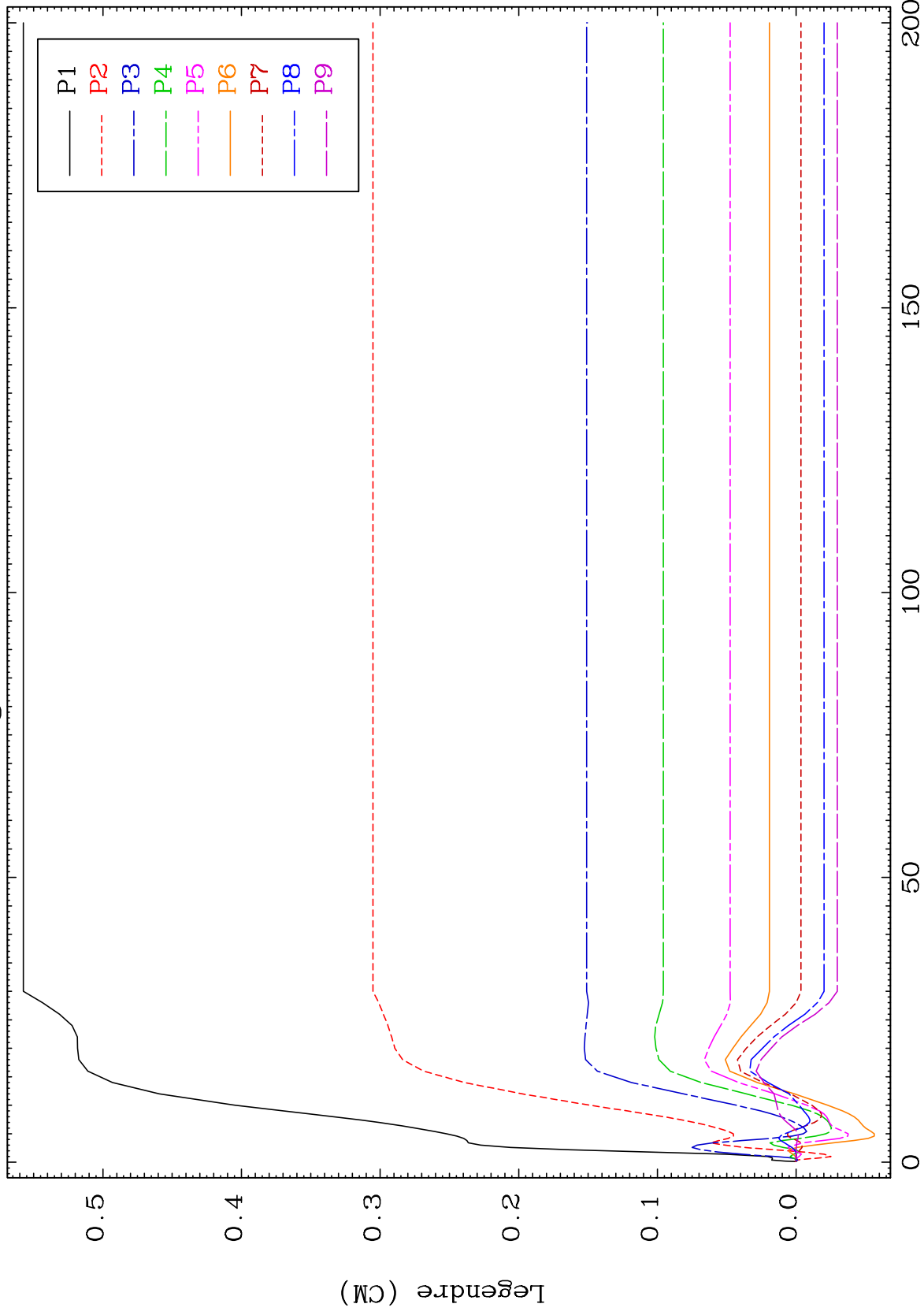
72-Hf-177



MAT 7234

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

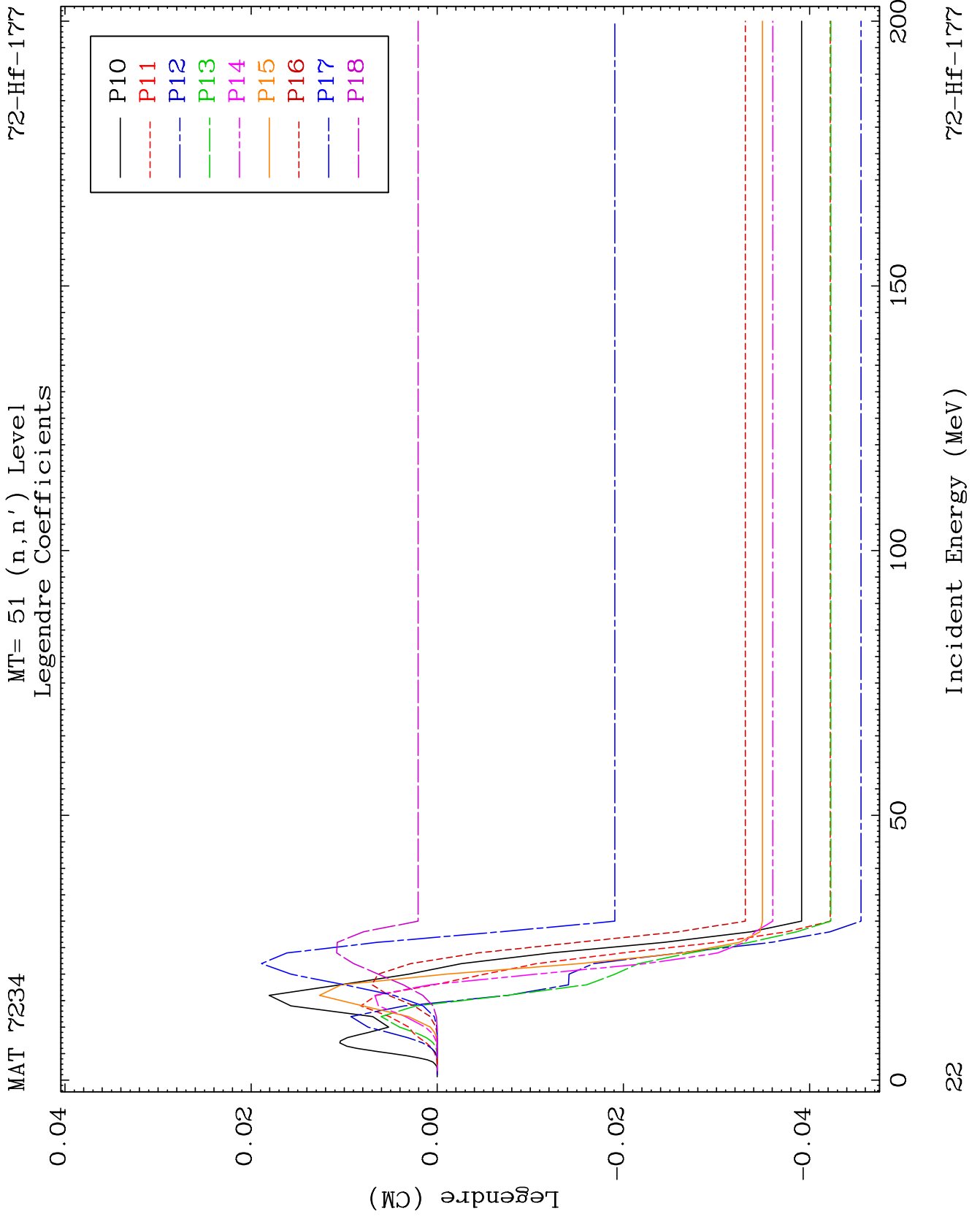
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21

Incident Energy (MeV)

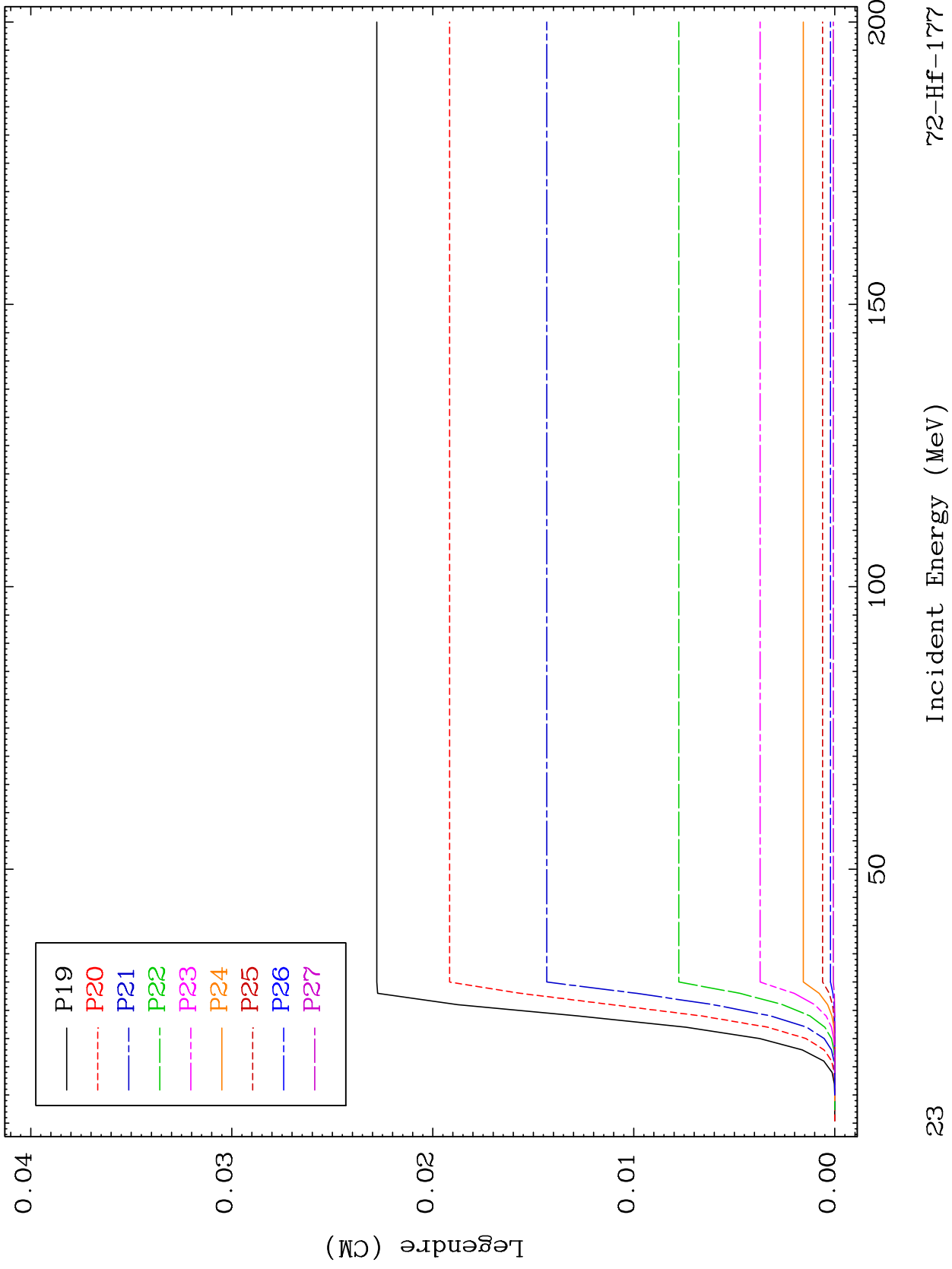
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MAT 7234

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

72-Hf-177



23

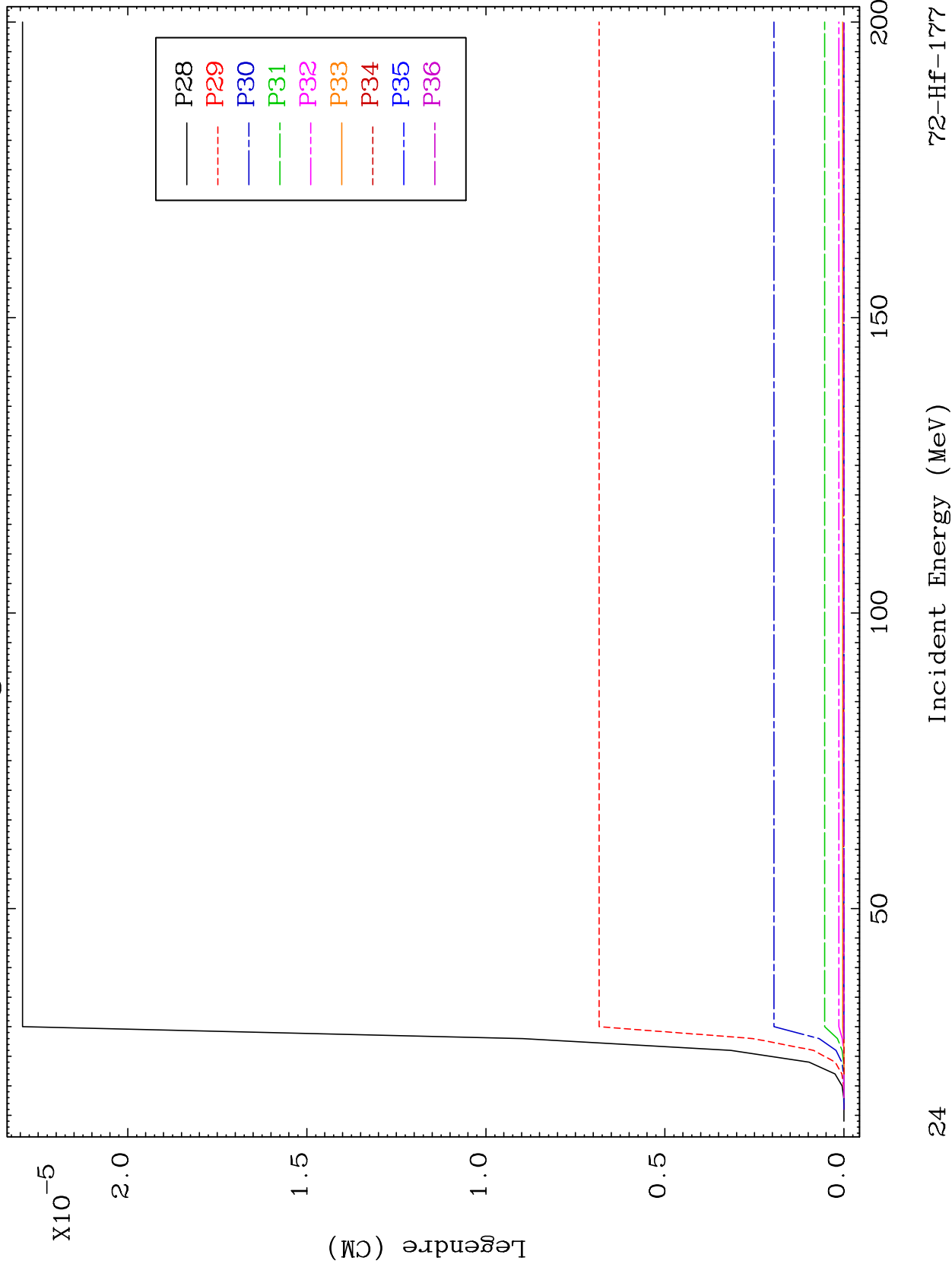
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

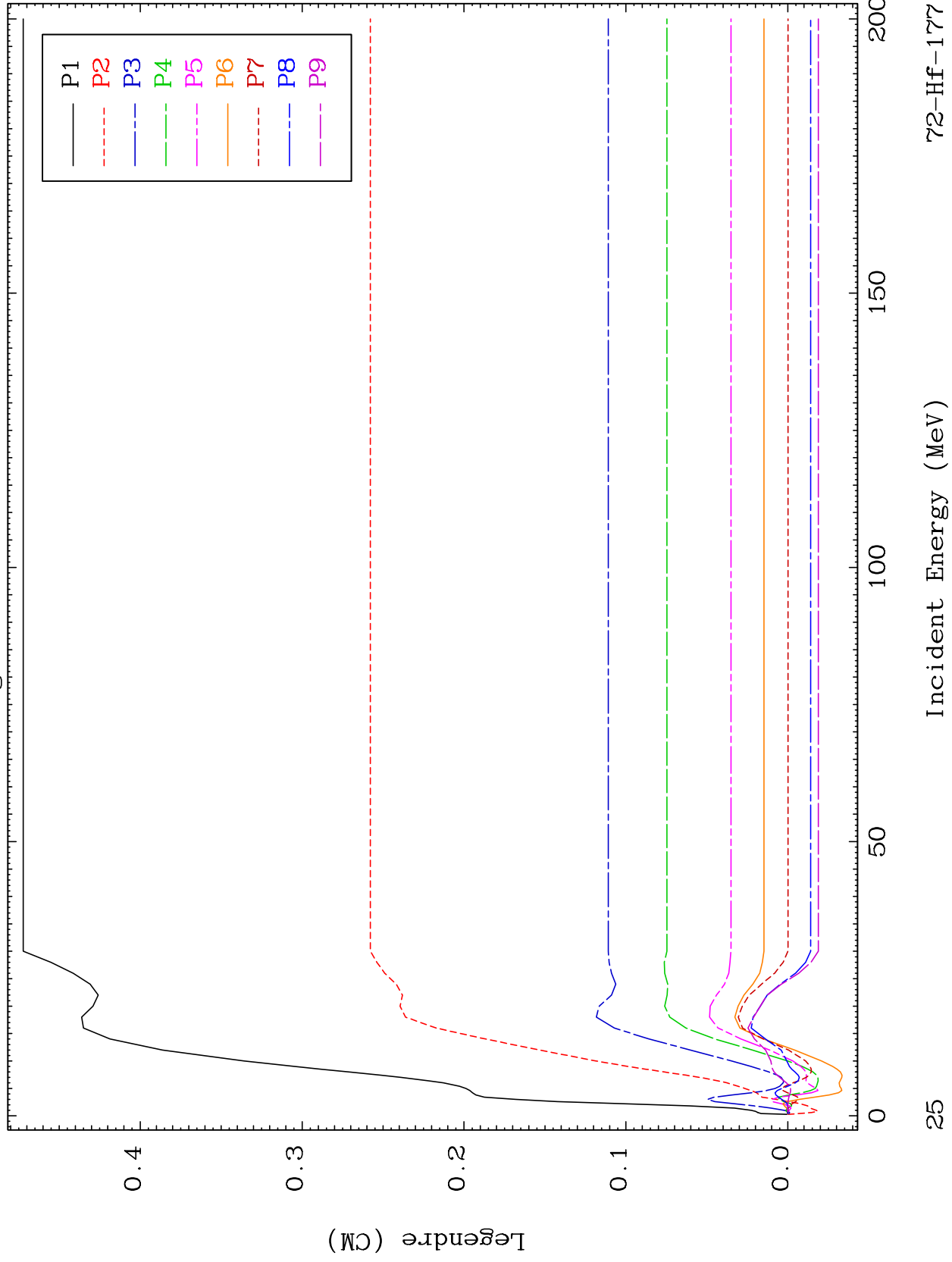
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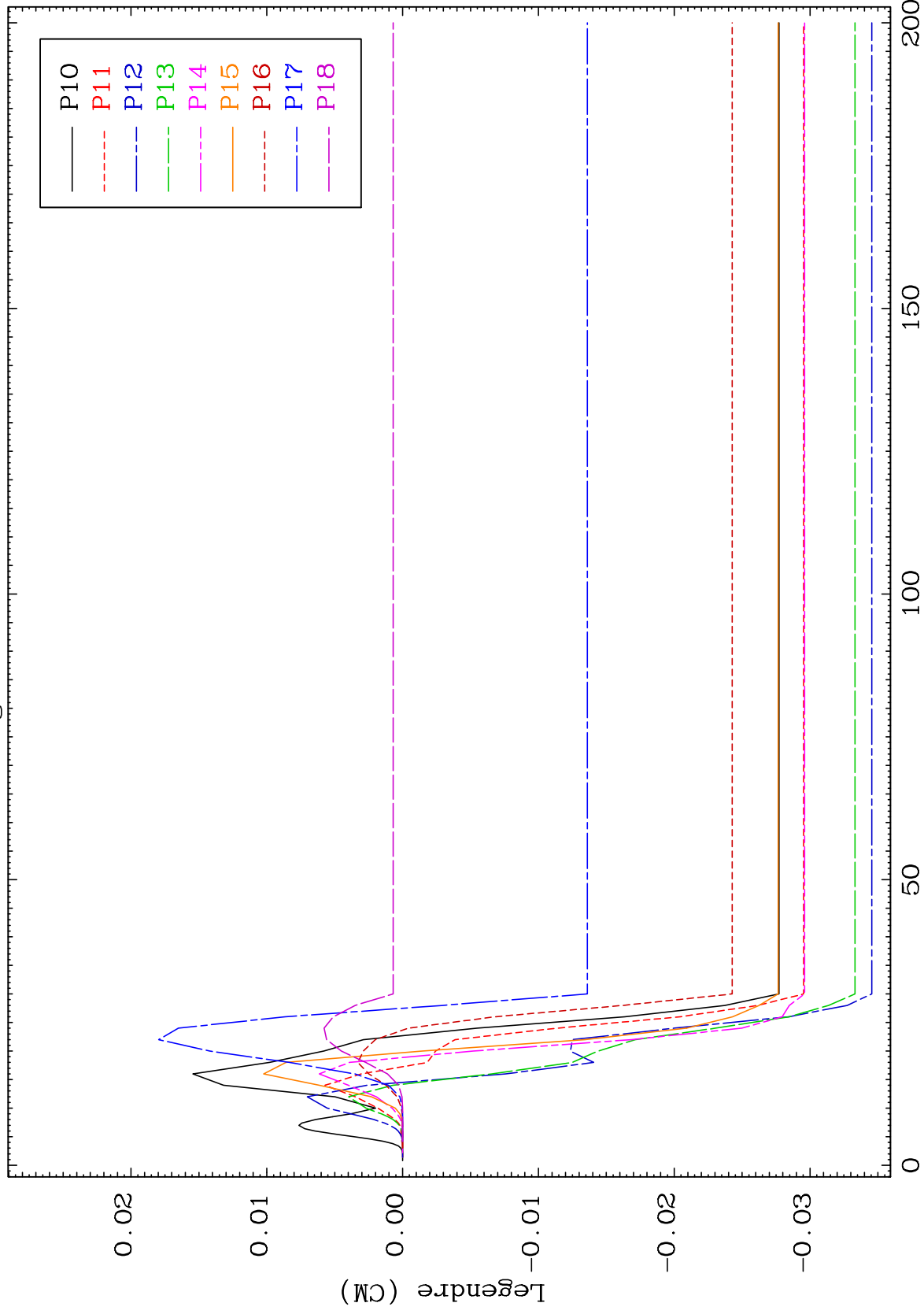


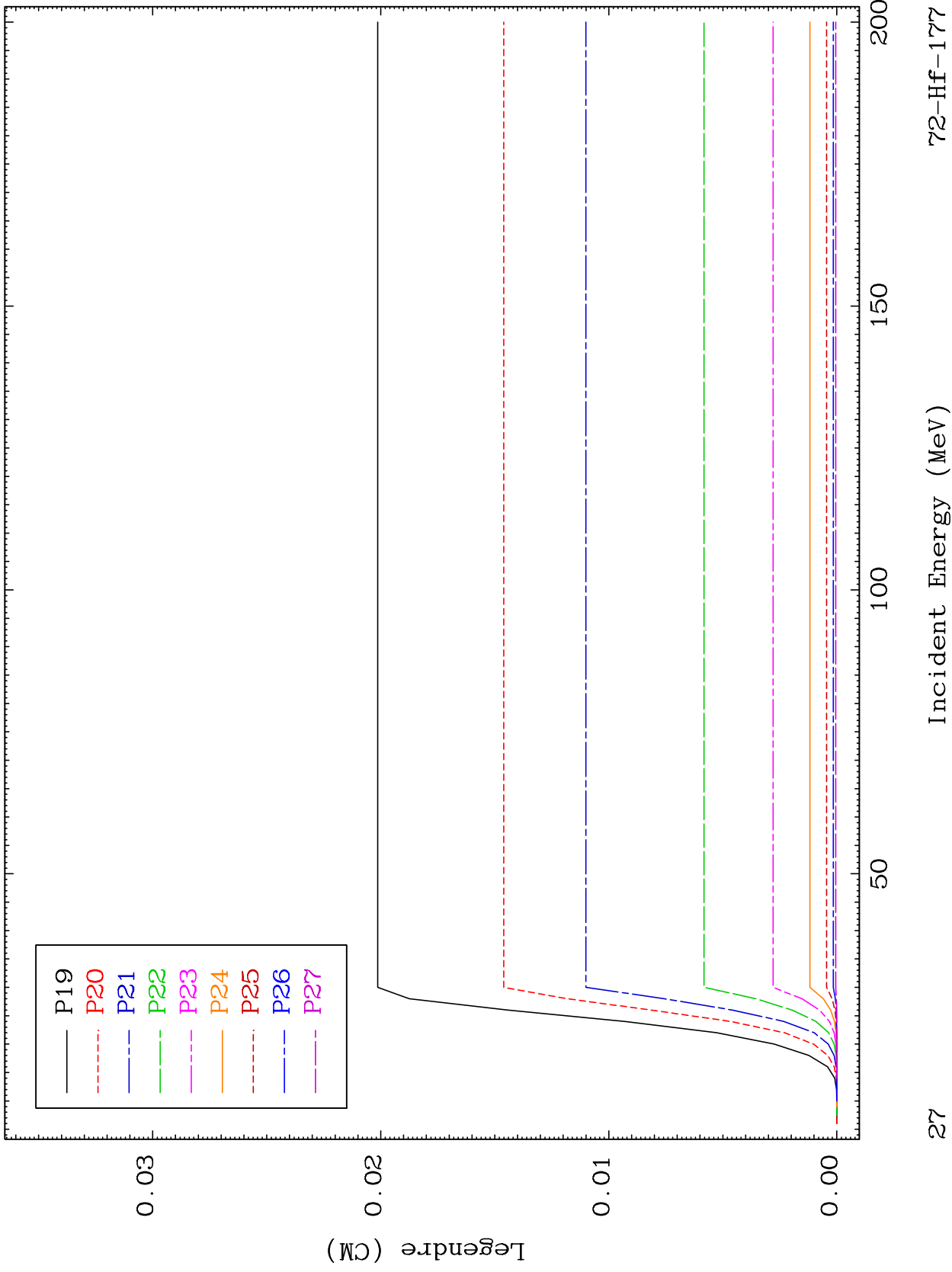
MAT 7234

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

72-Hf-177



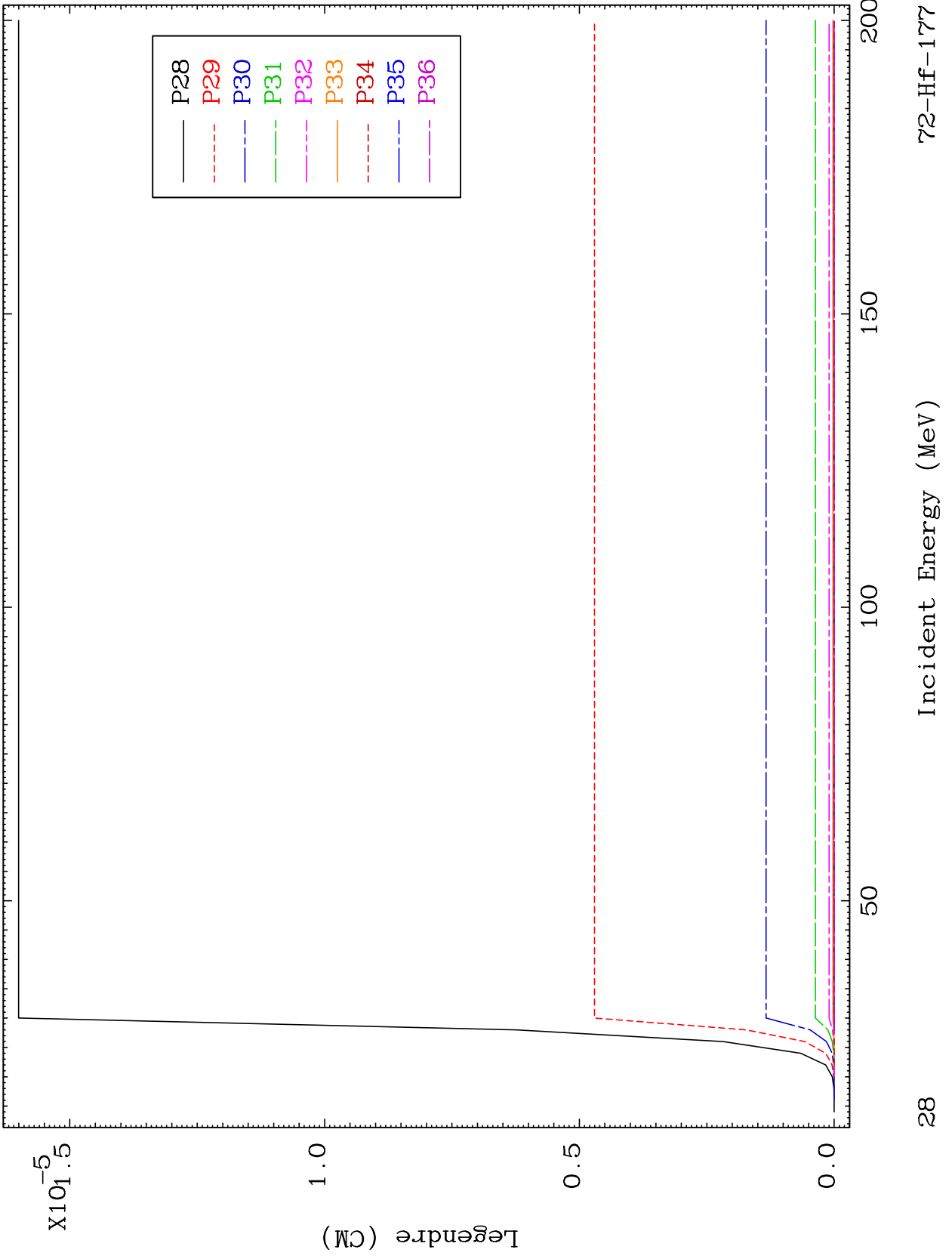




MAT 7234

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

72-Hf-177

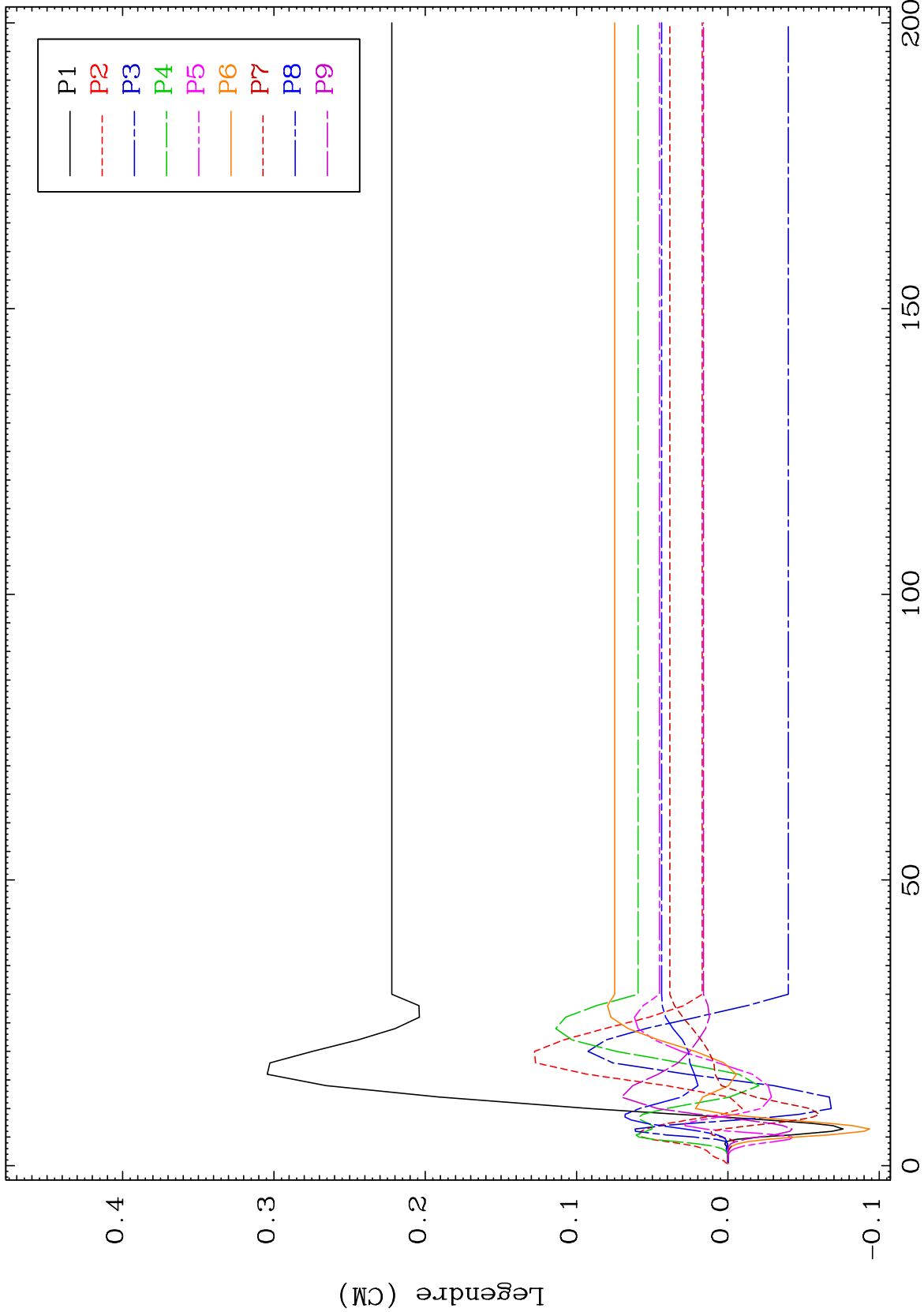


28

MAT 7234

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

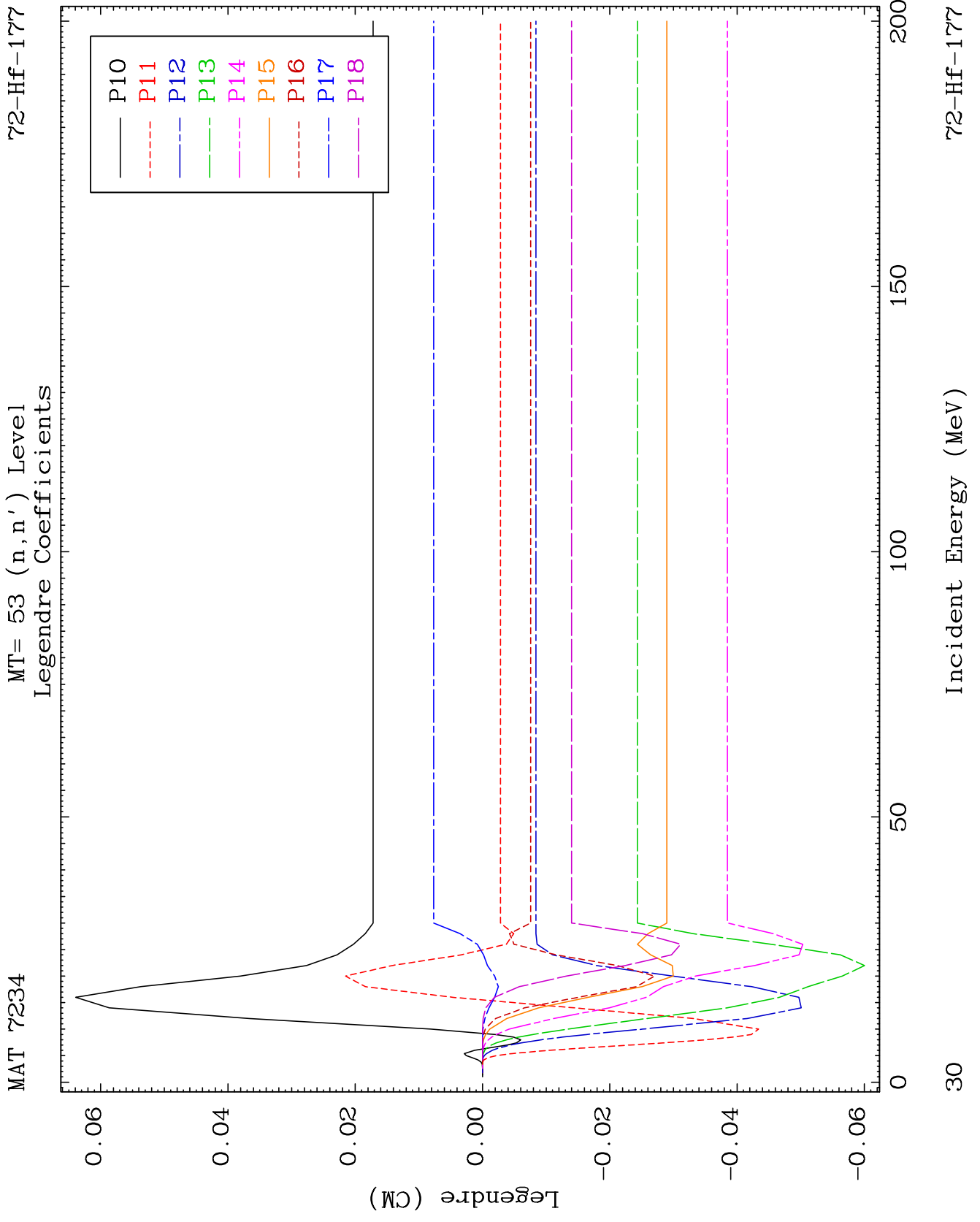
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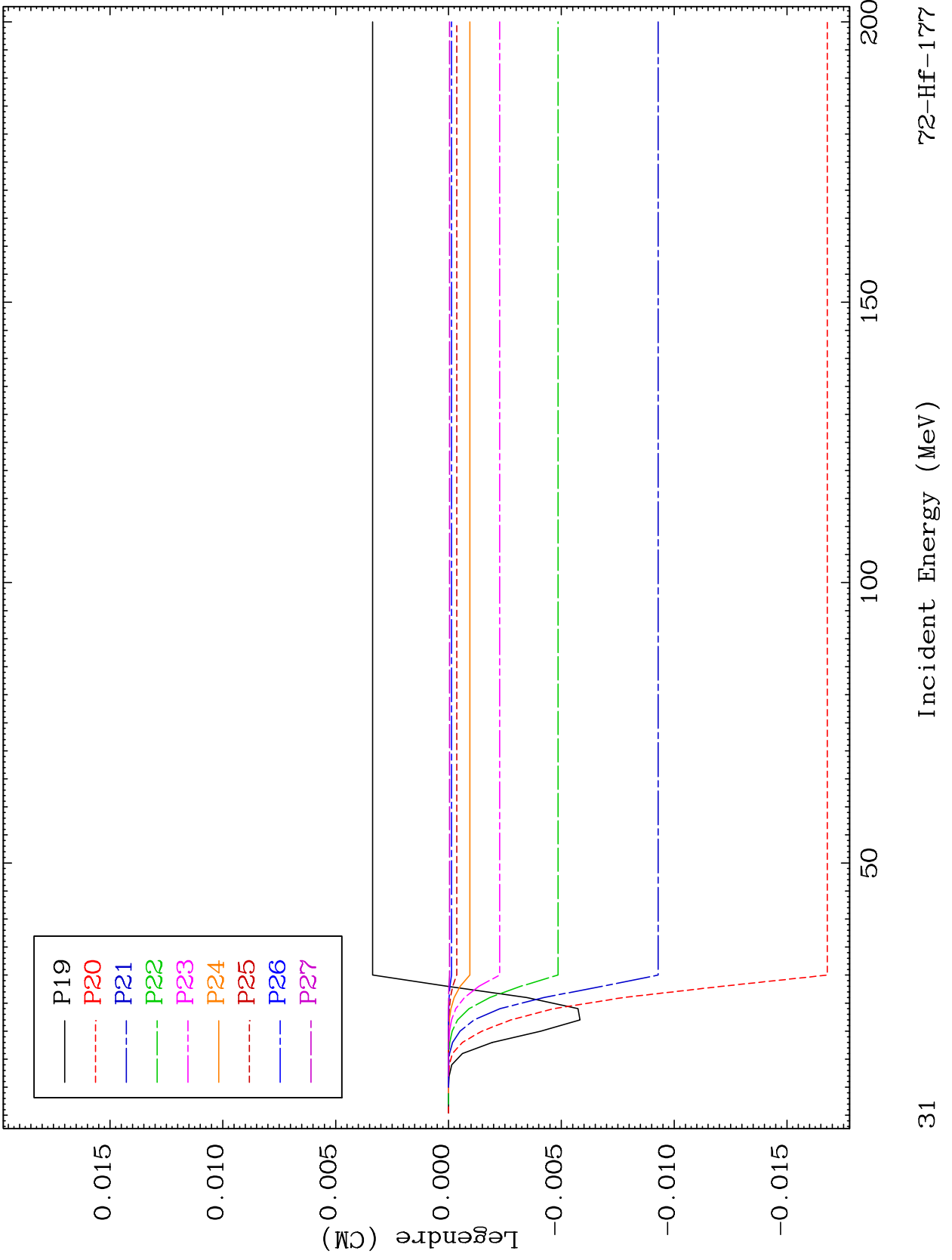


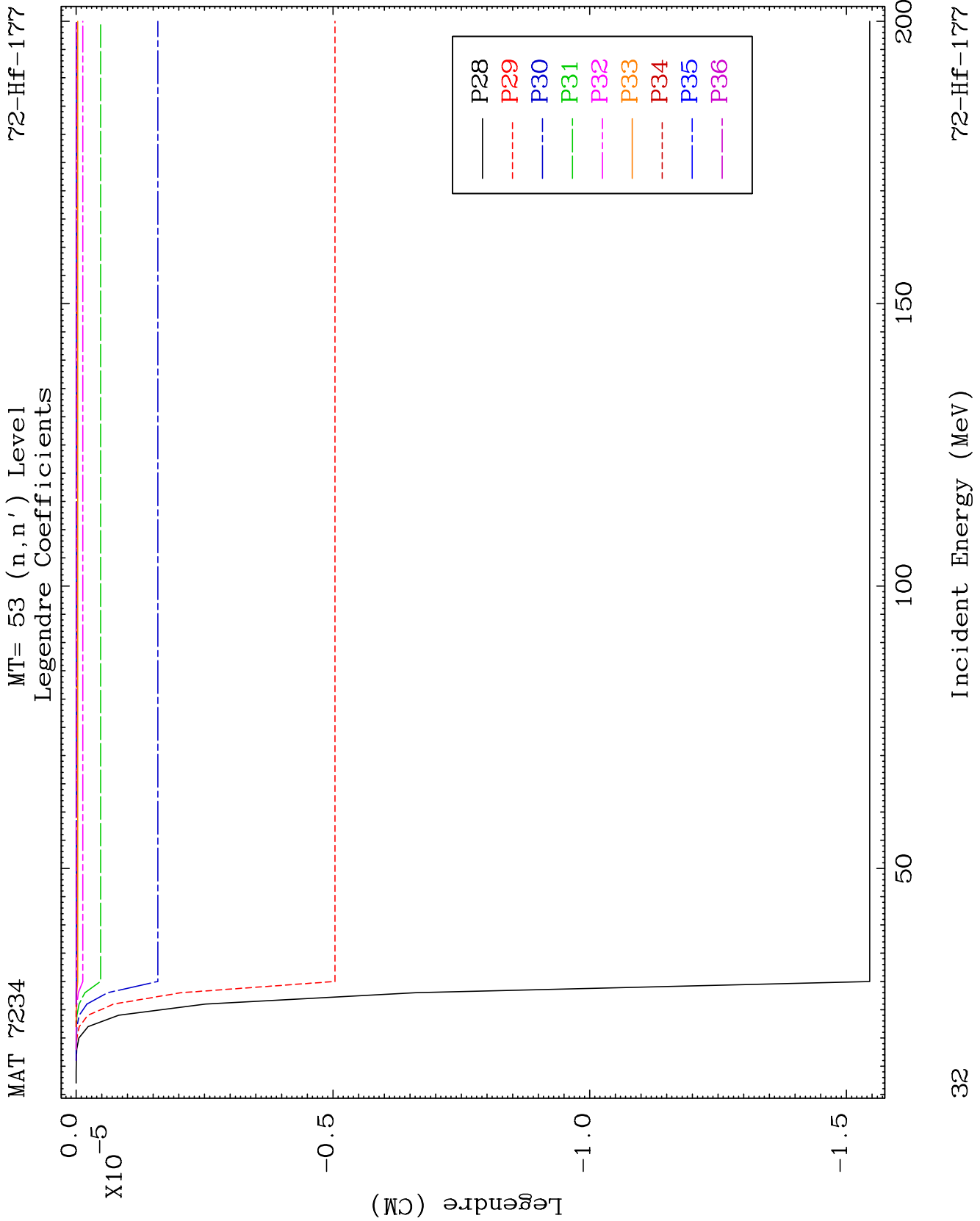
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Incident Energy (MeV)

72-Hf-177



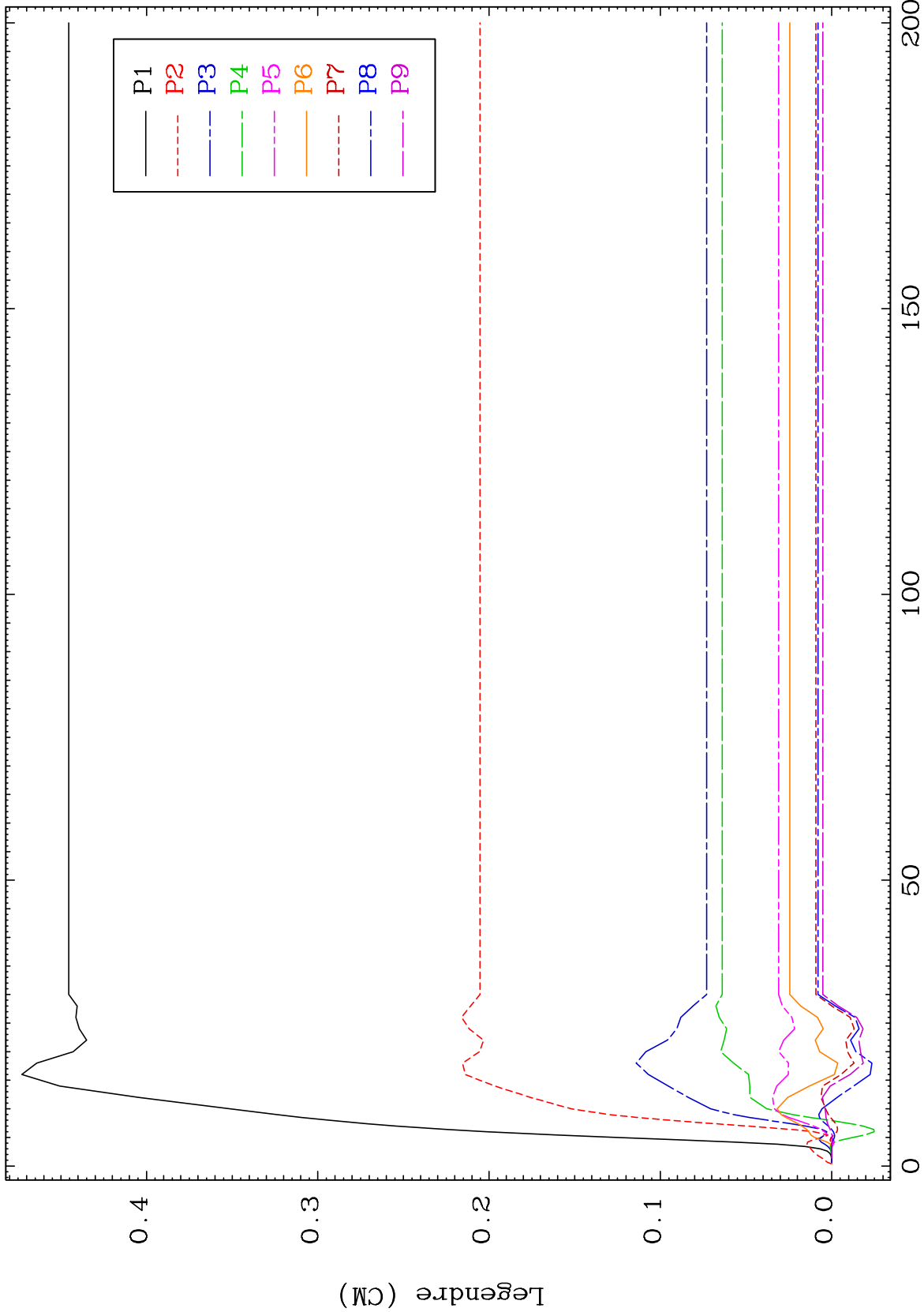




MAT 7234

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

72-Hf-177



33

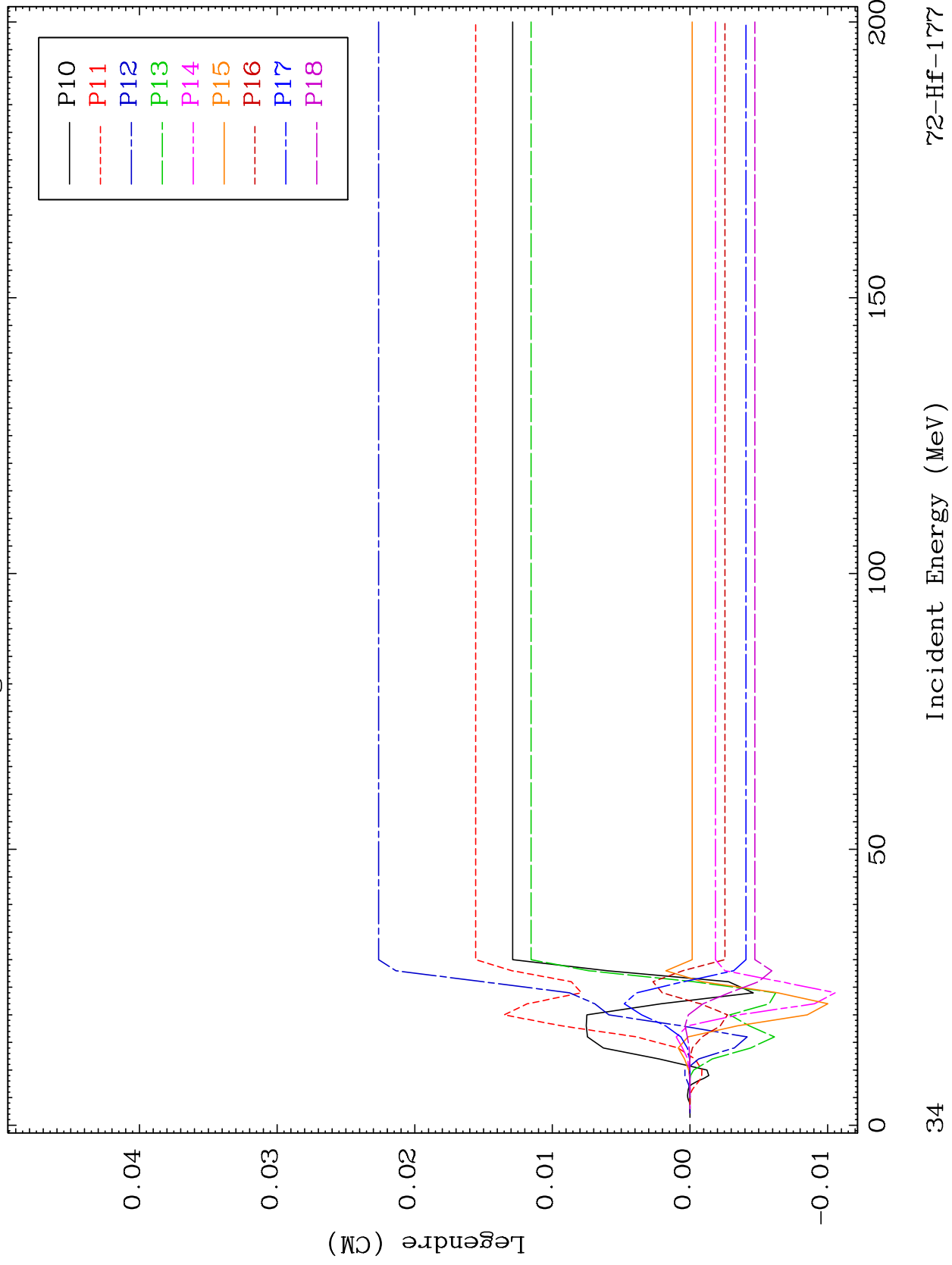
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



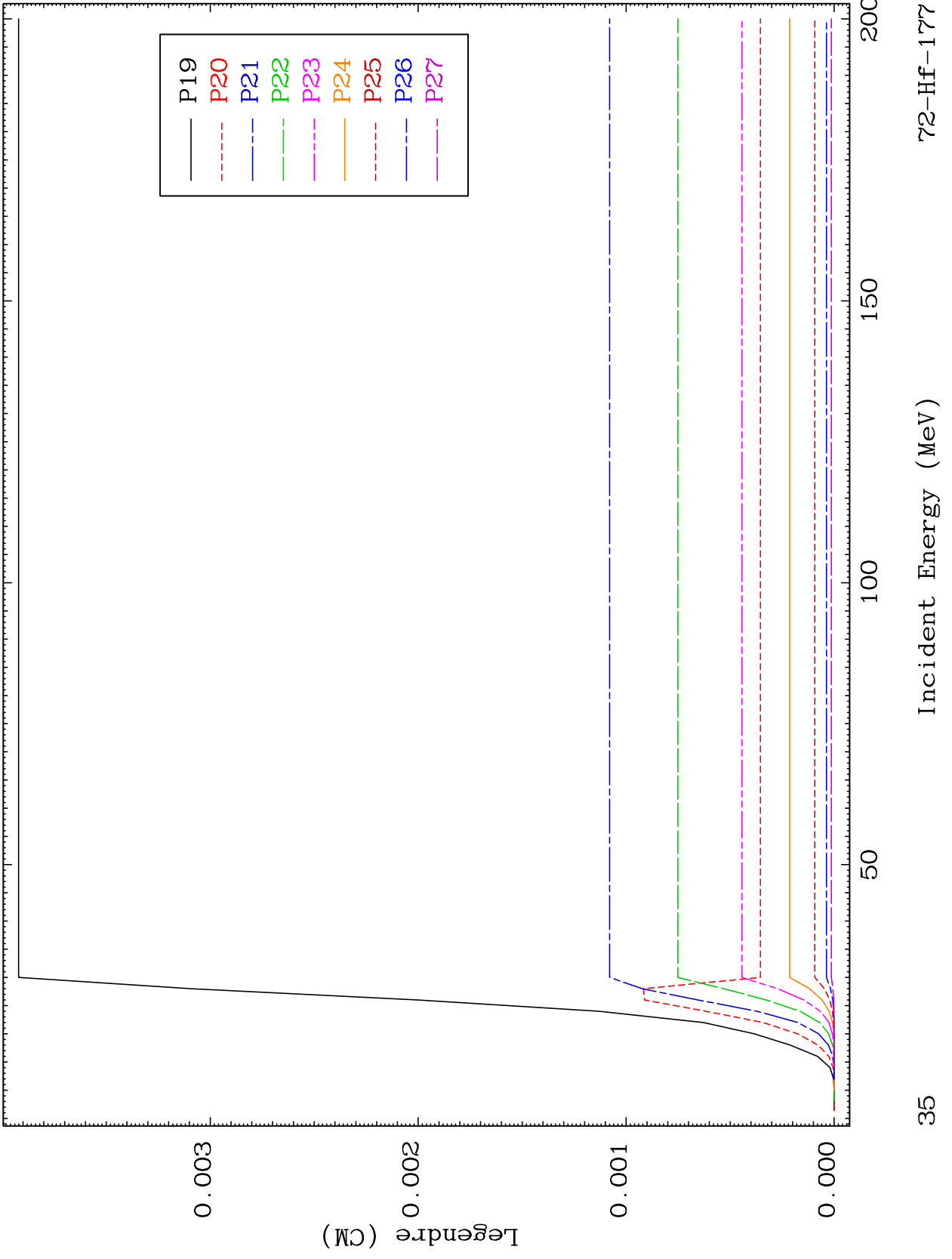
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72-Hf-177

MAT 7234

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

72-Hf-177



35

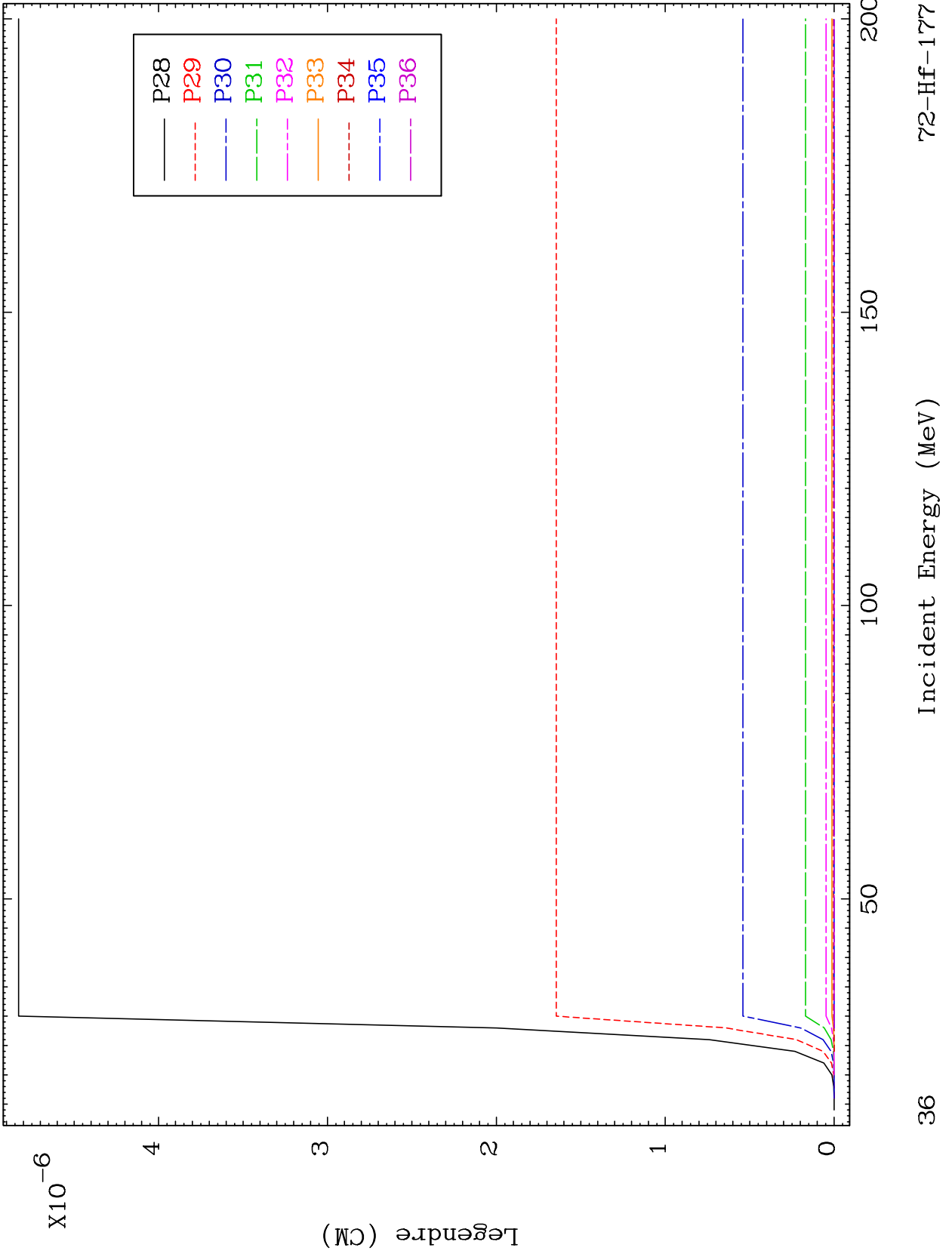
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177

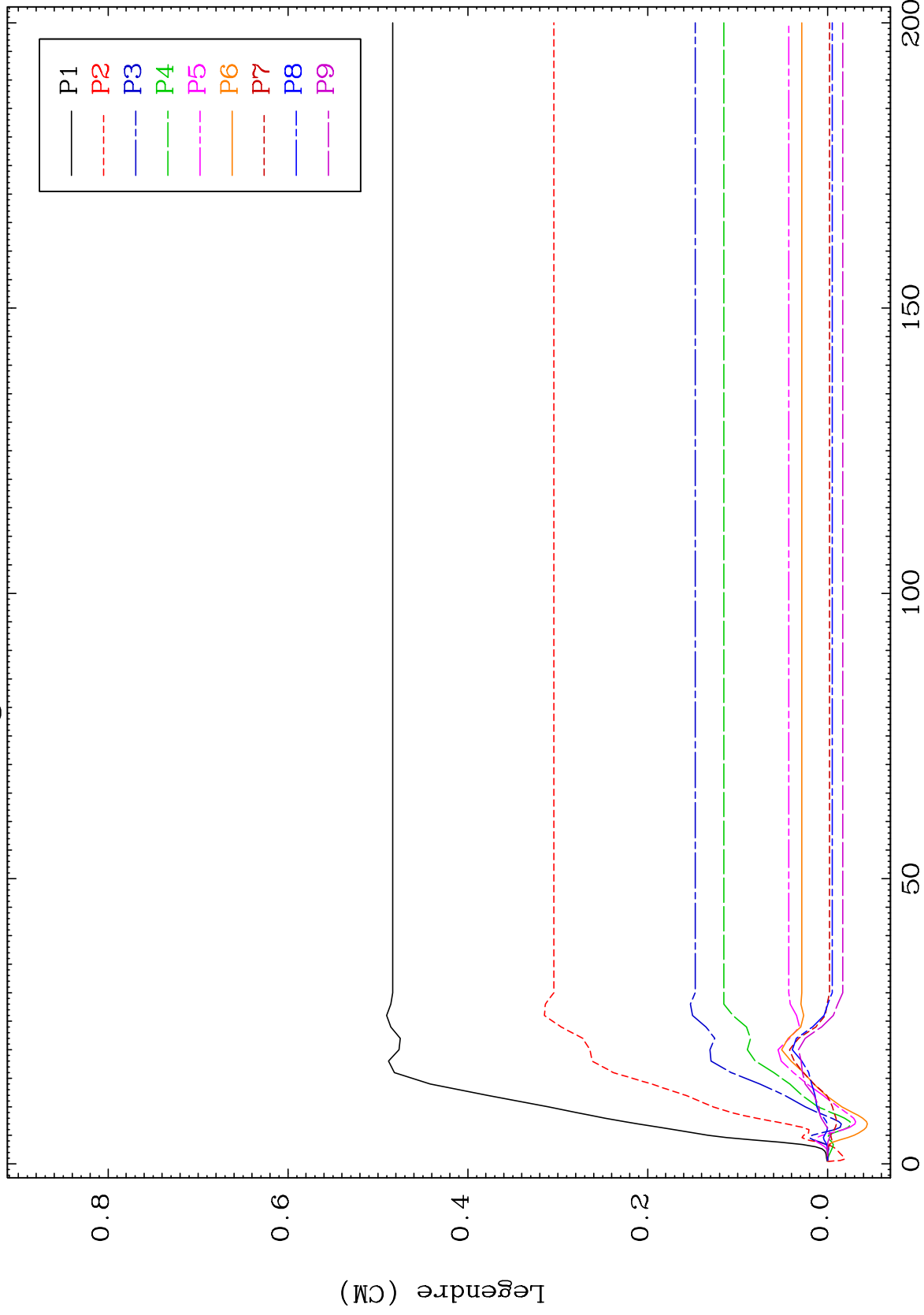


36

MAT 7234

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

72-Hf-177



37

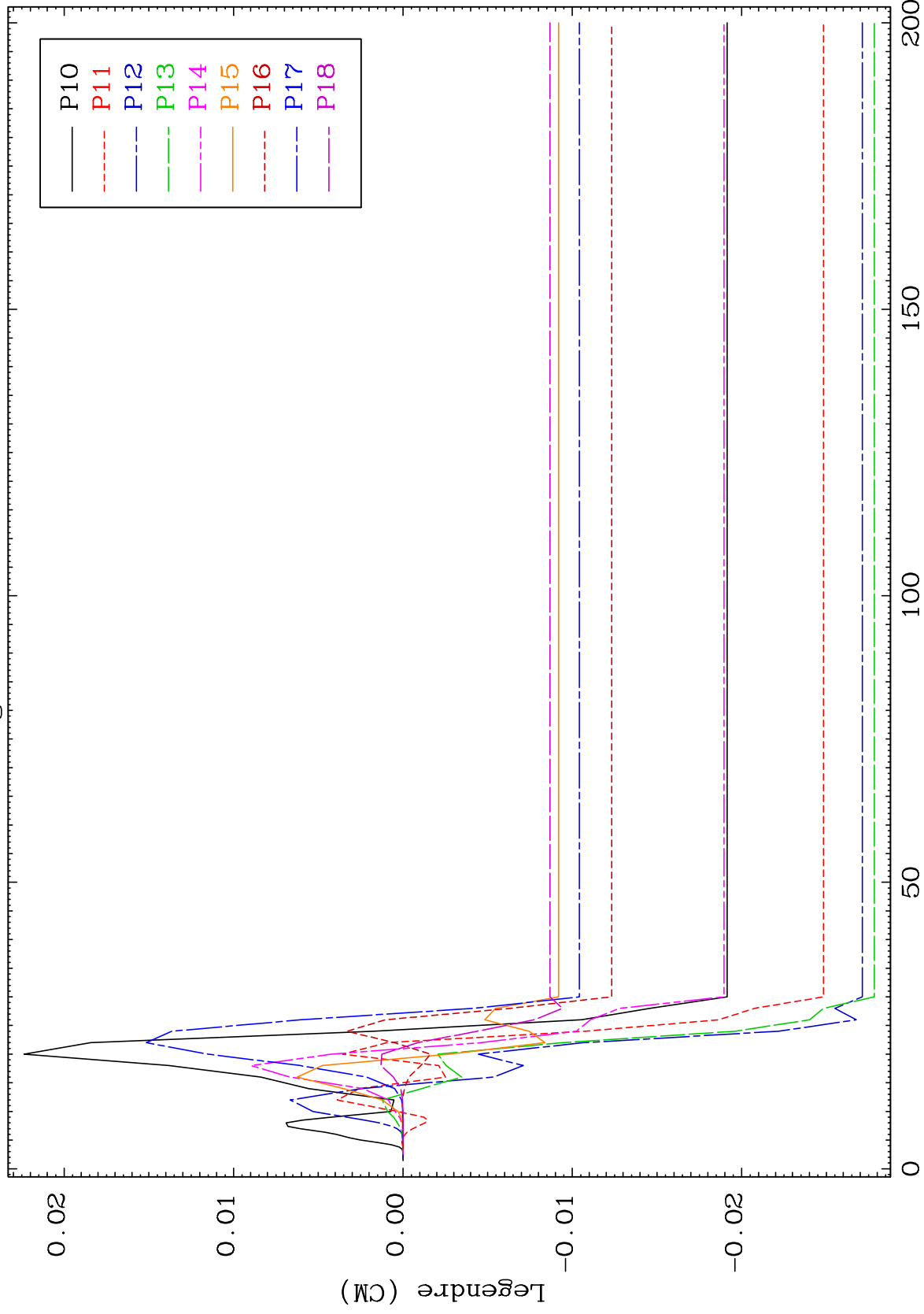
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



38

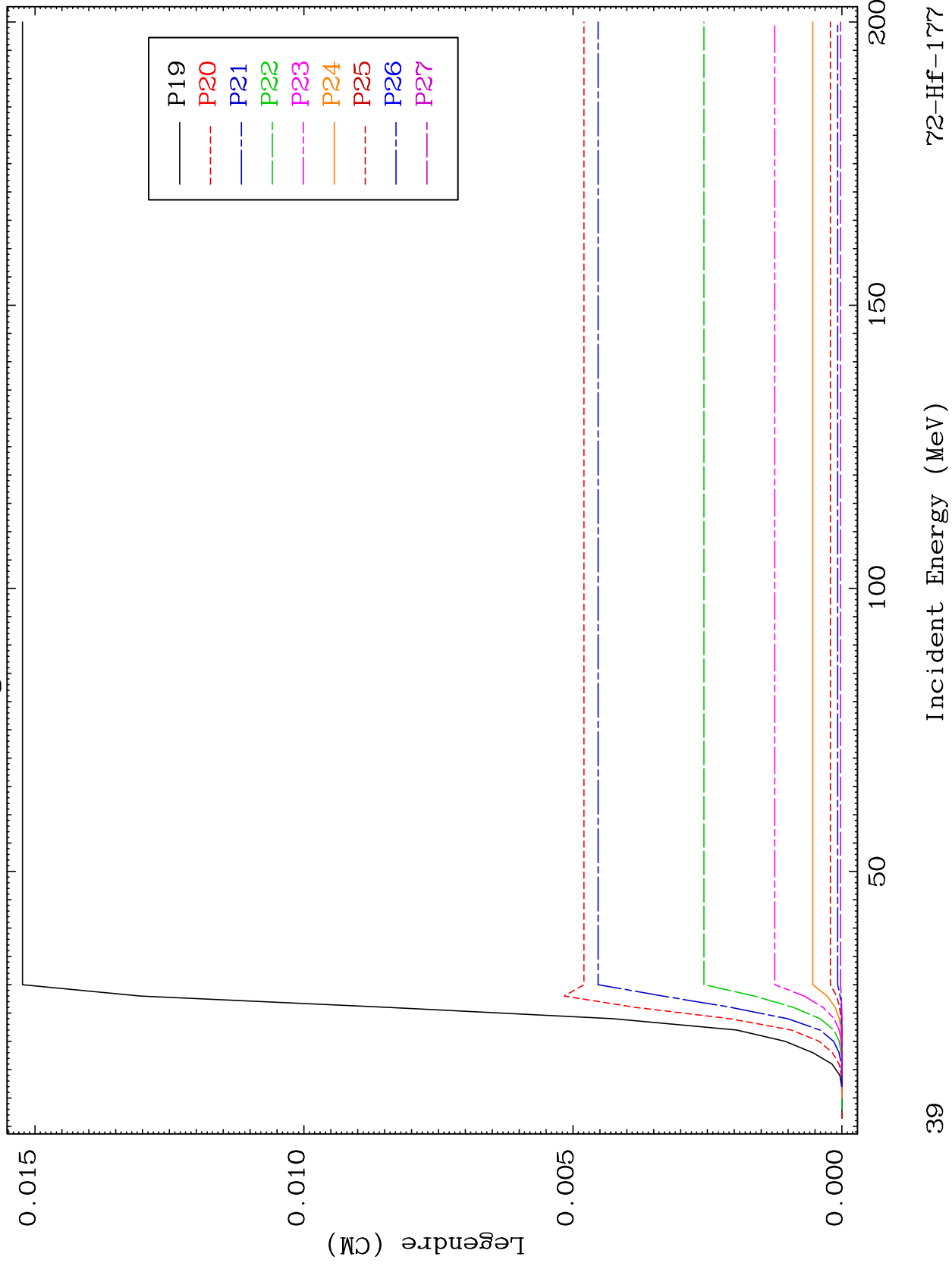
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



39

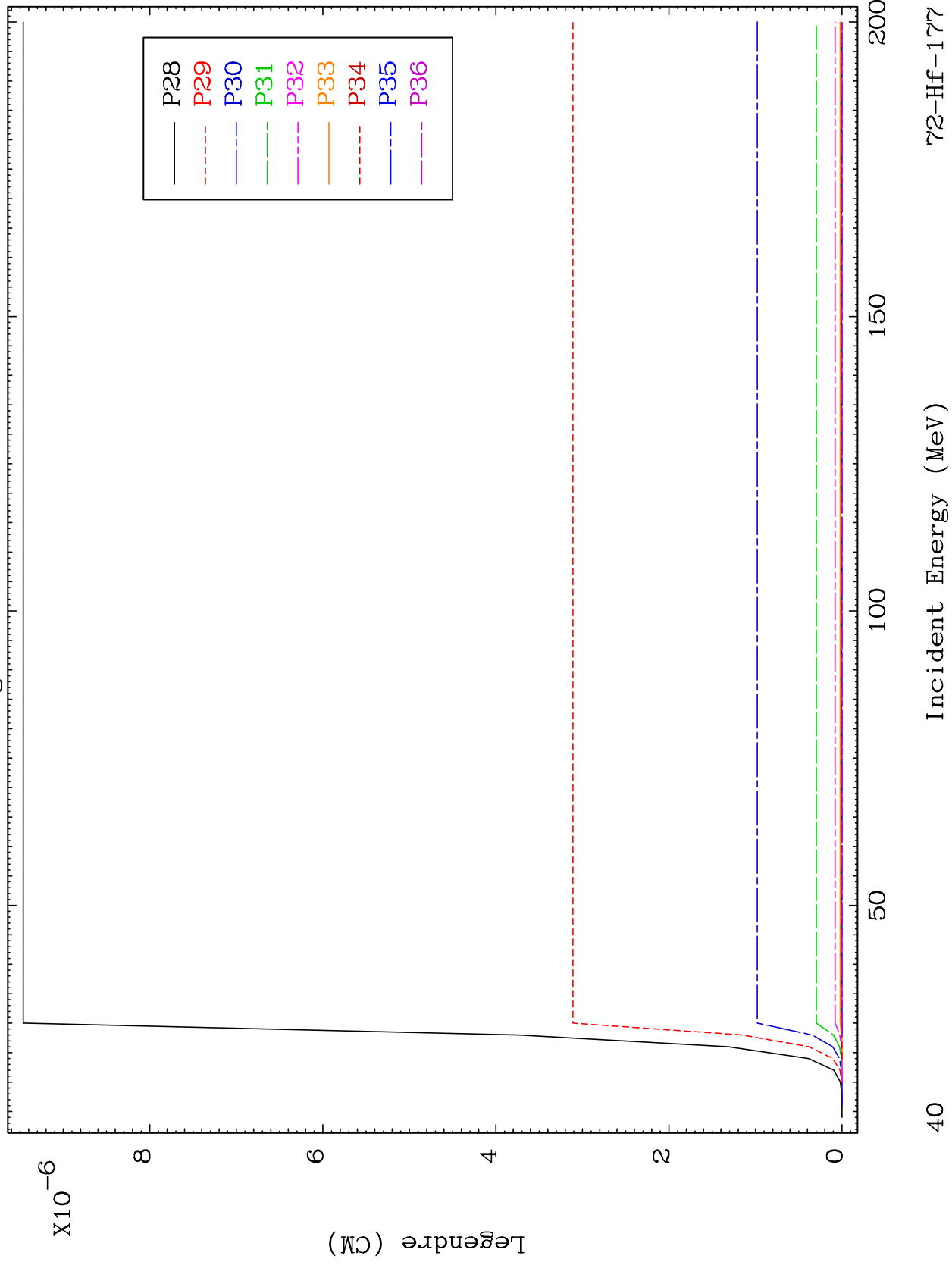
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

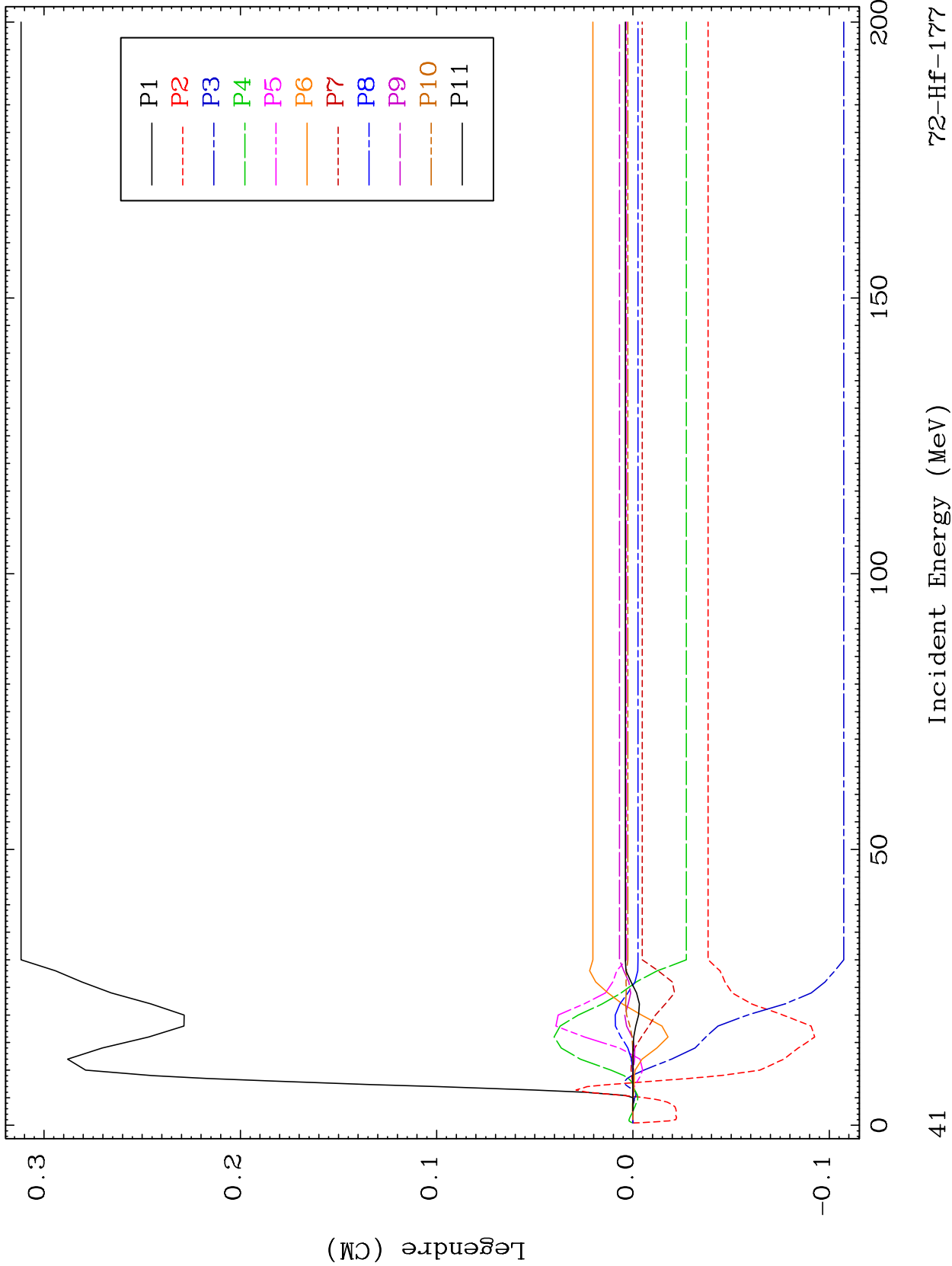
72-Hf-177



MAT 7234

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

72-Hf-177



41

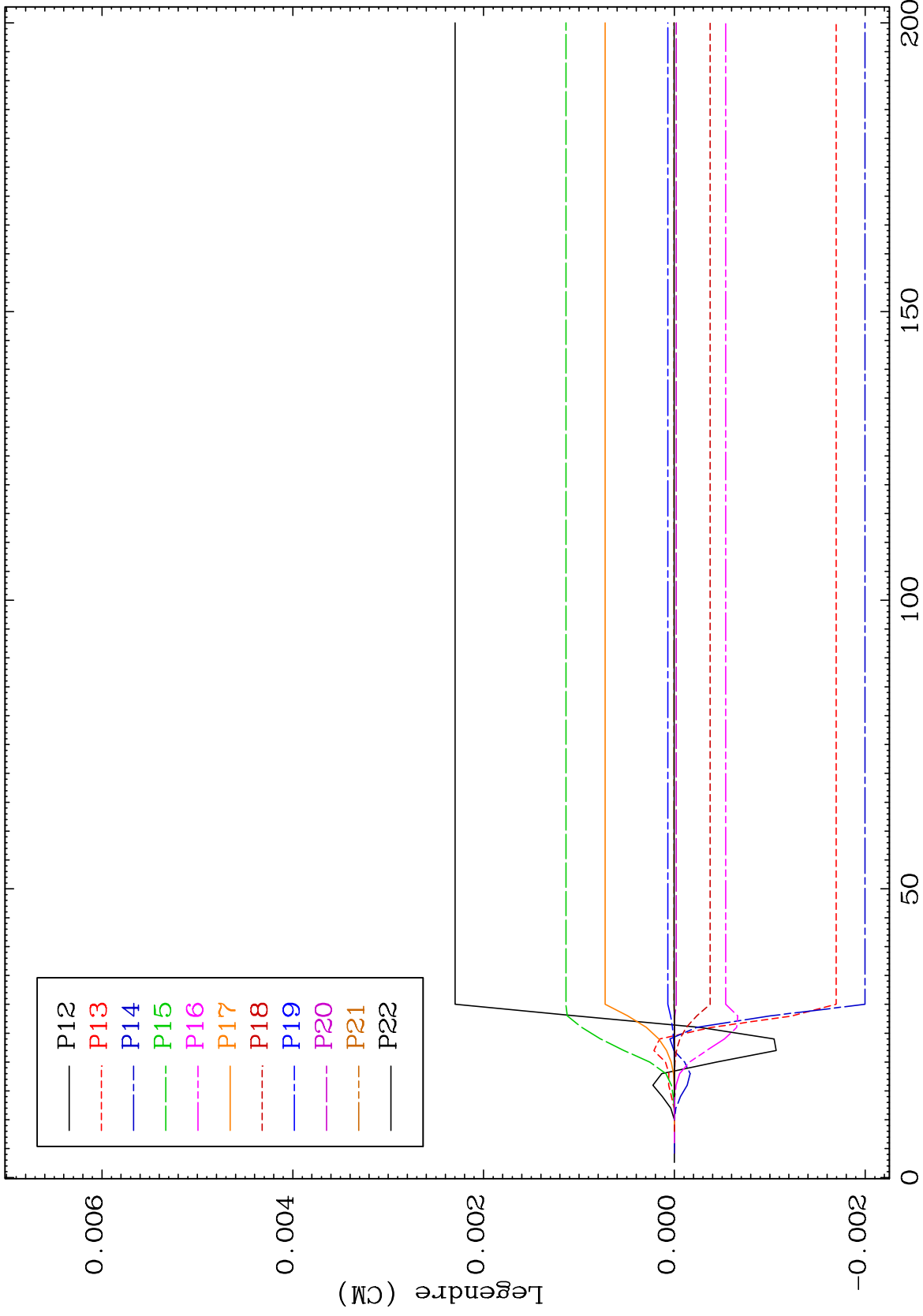
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



42

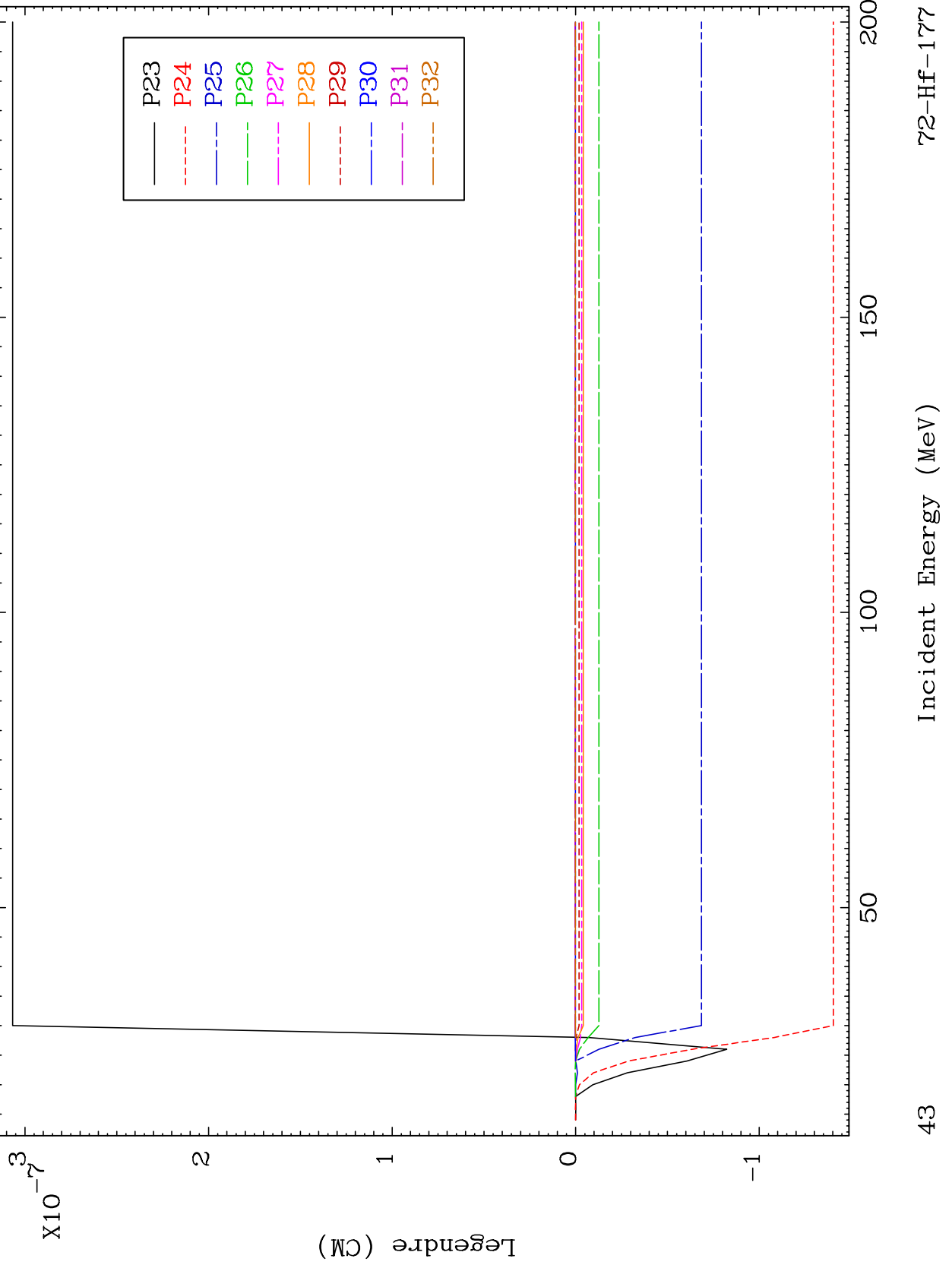
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

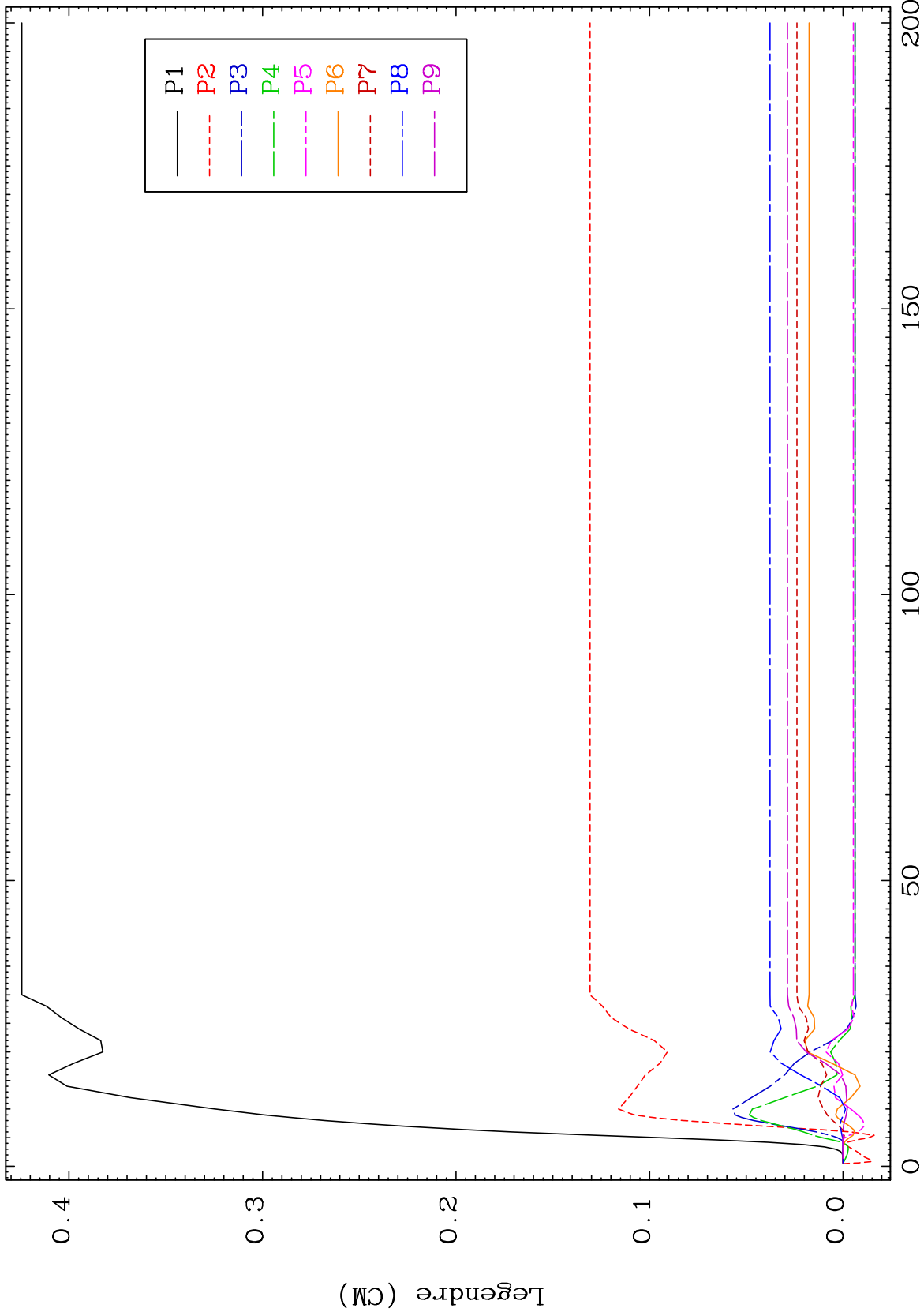
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MAT 7234

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

72-Hf-177



44

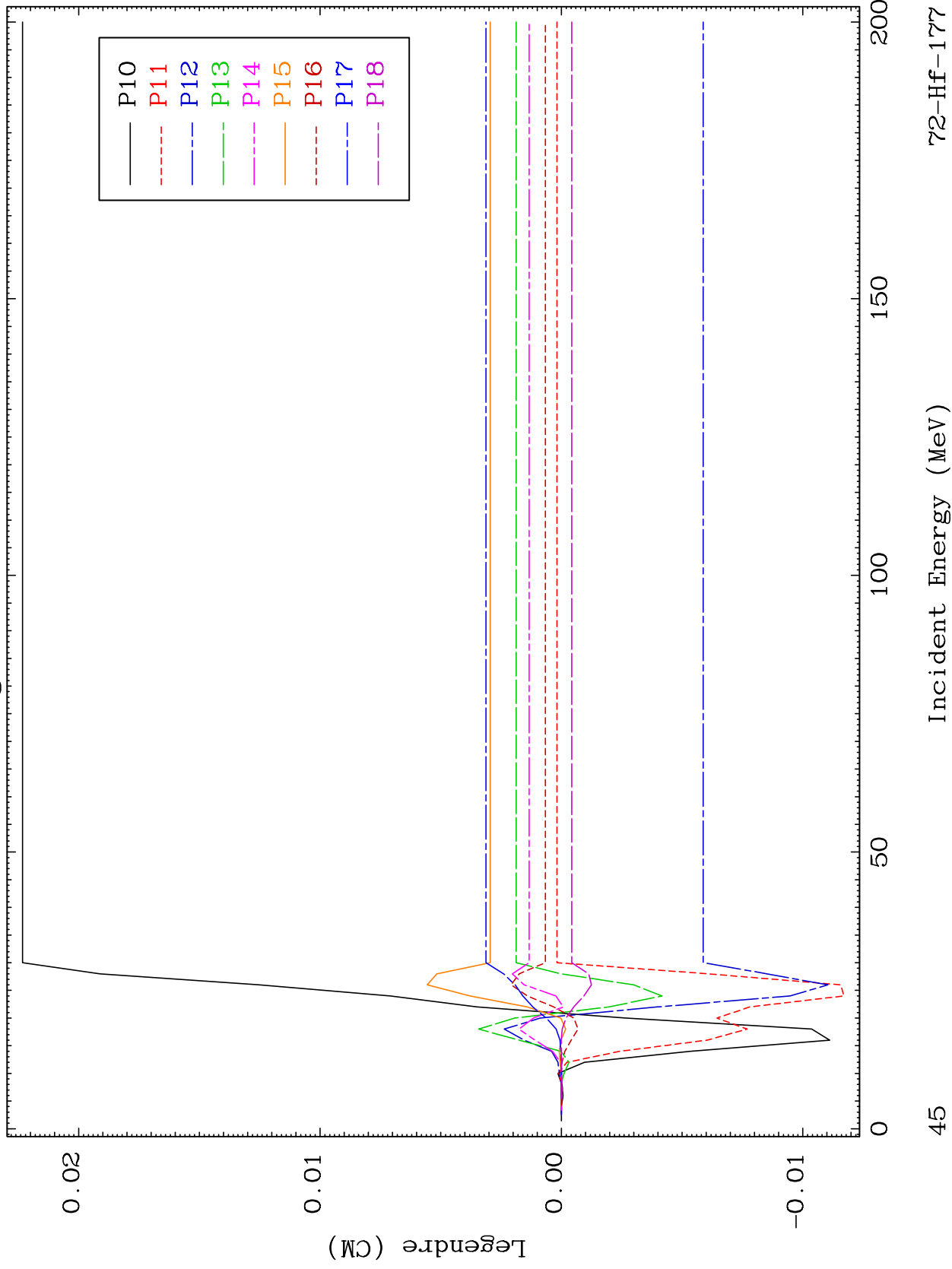
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



72-Hf-177

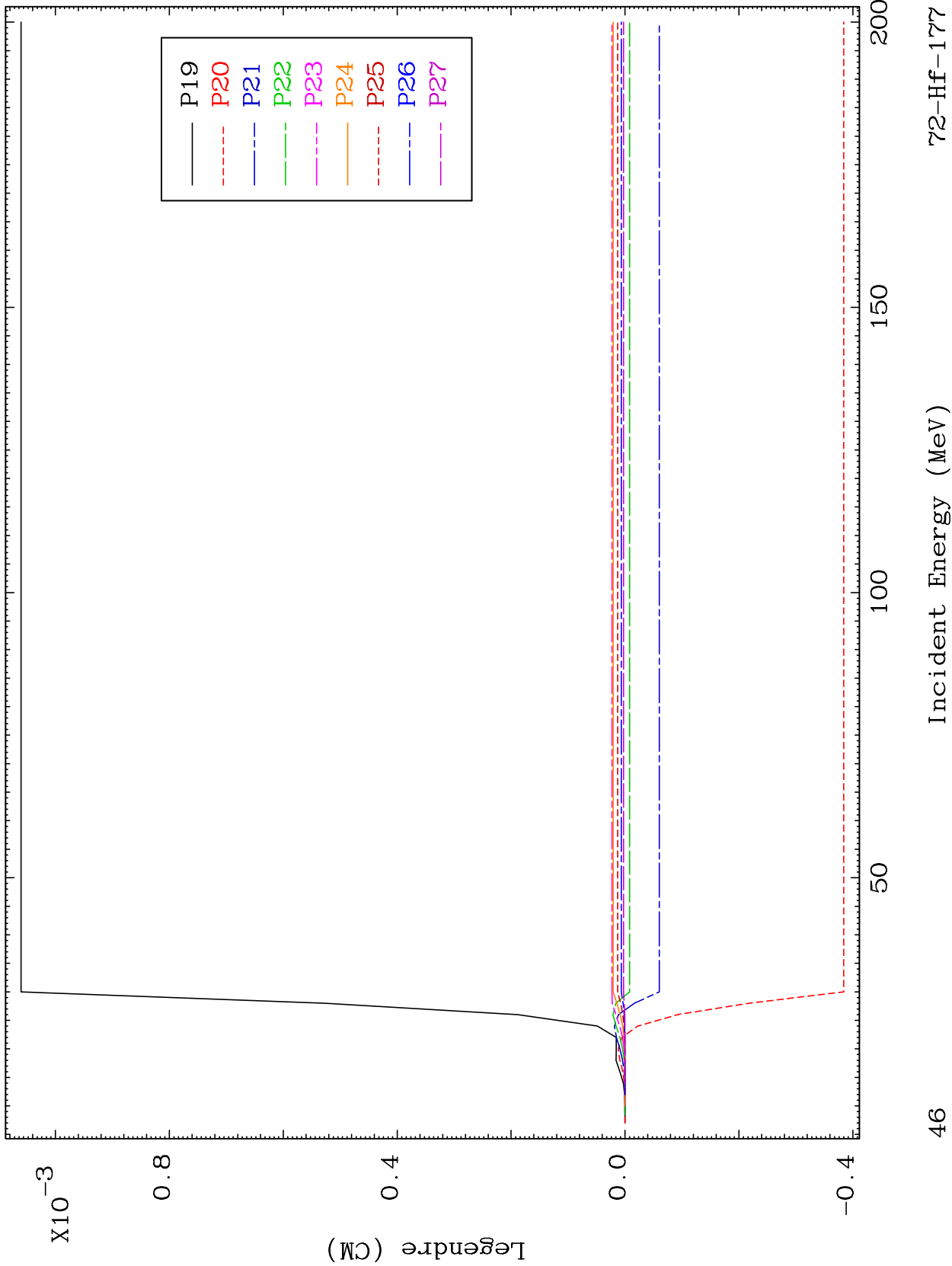
Incident Energy (MeV)

45

MAT 7234

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

72-Hf-177



46

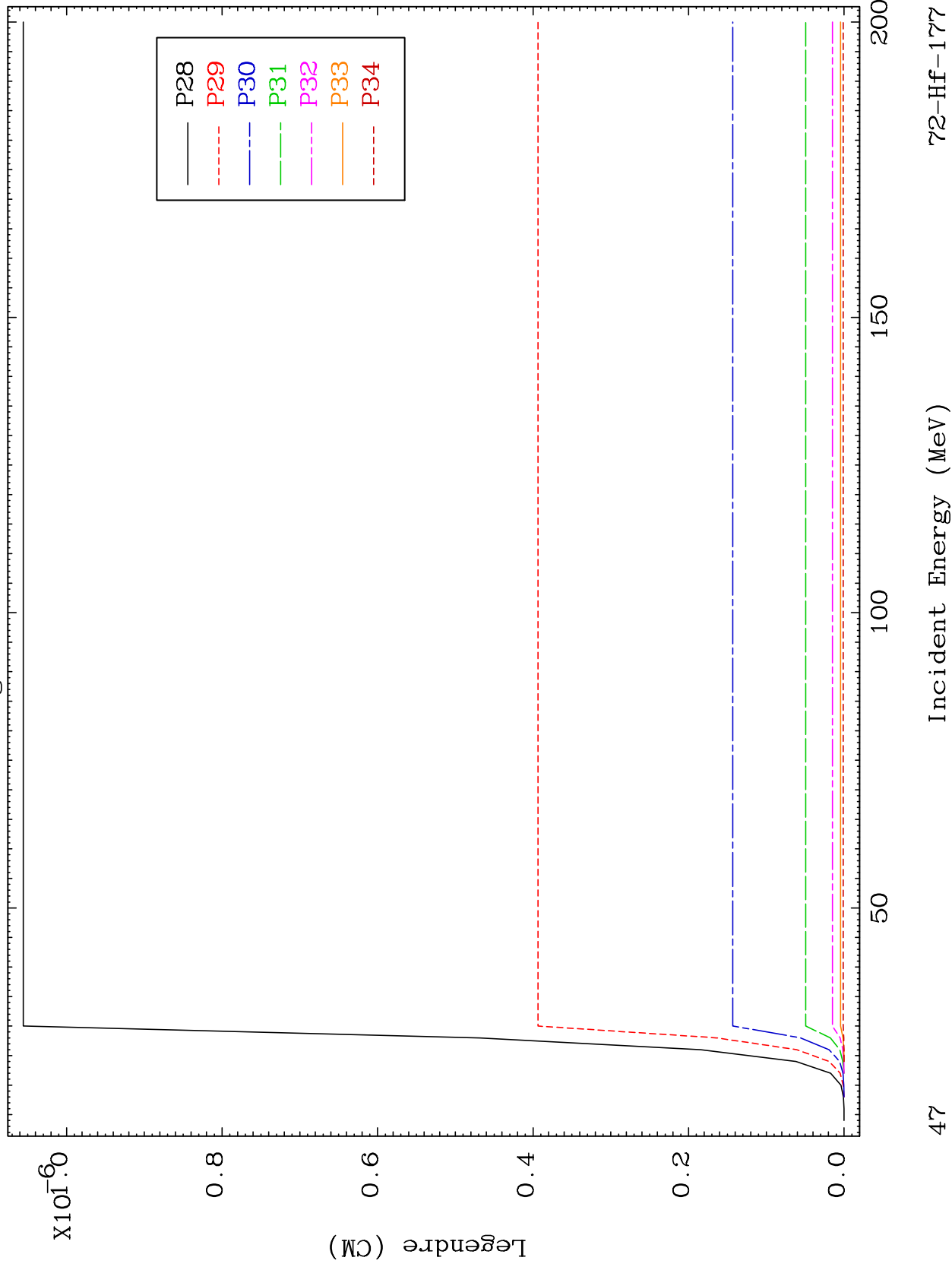
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

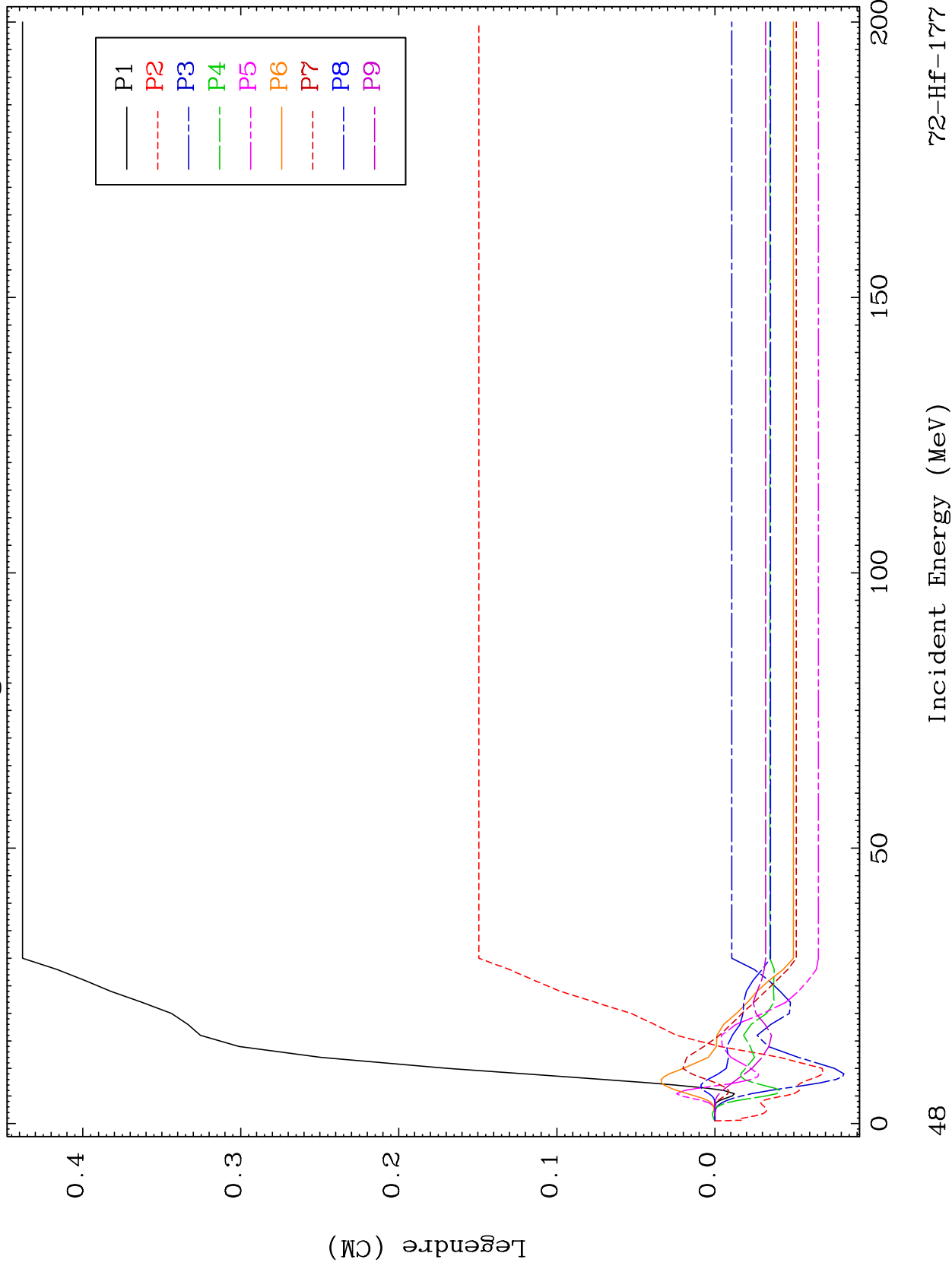
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MAT 7234

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

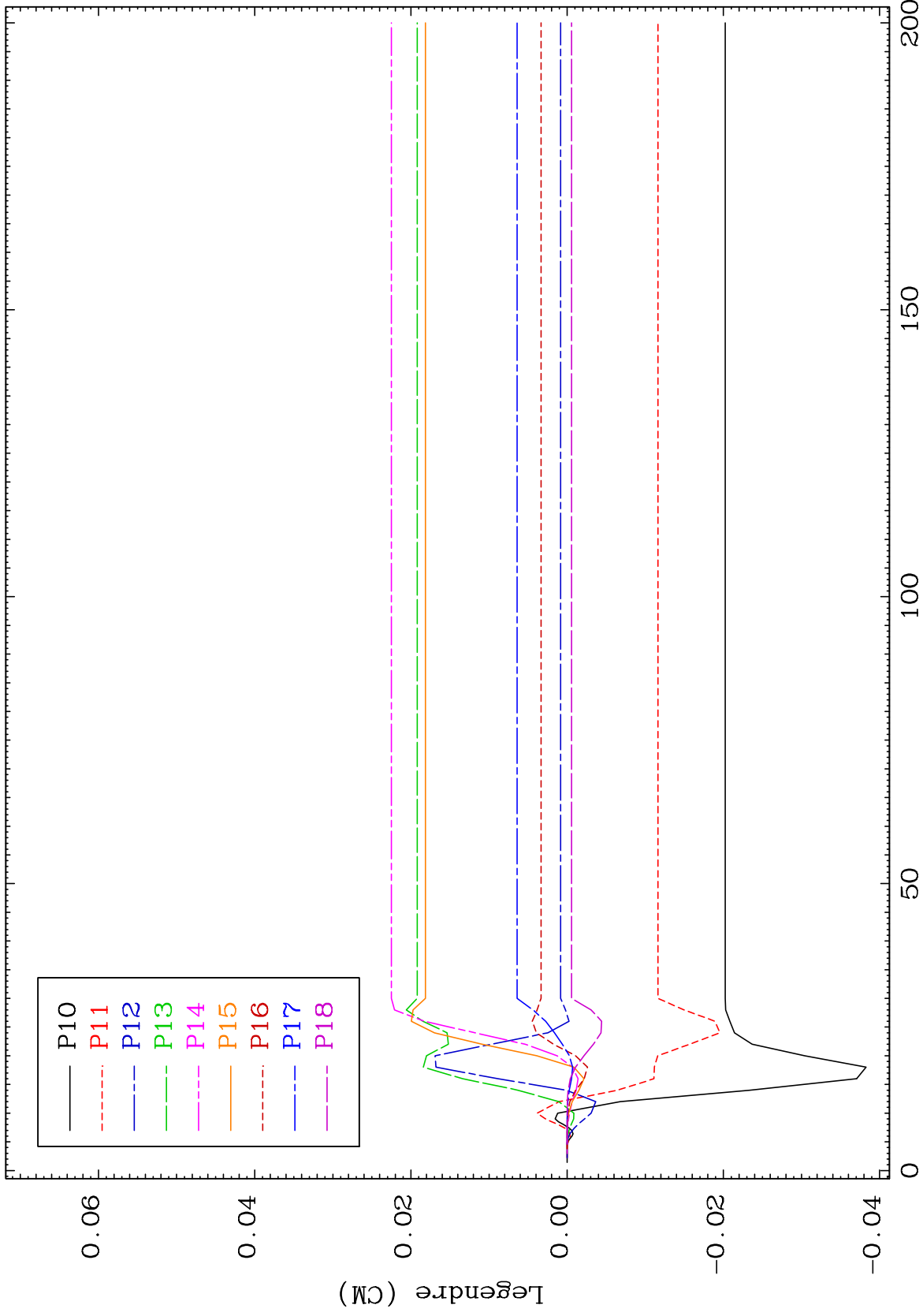
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72-Hf-177

Incident Energy (MeV)

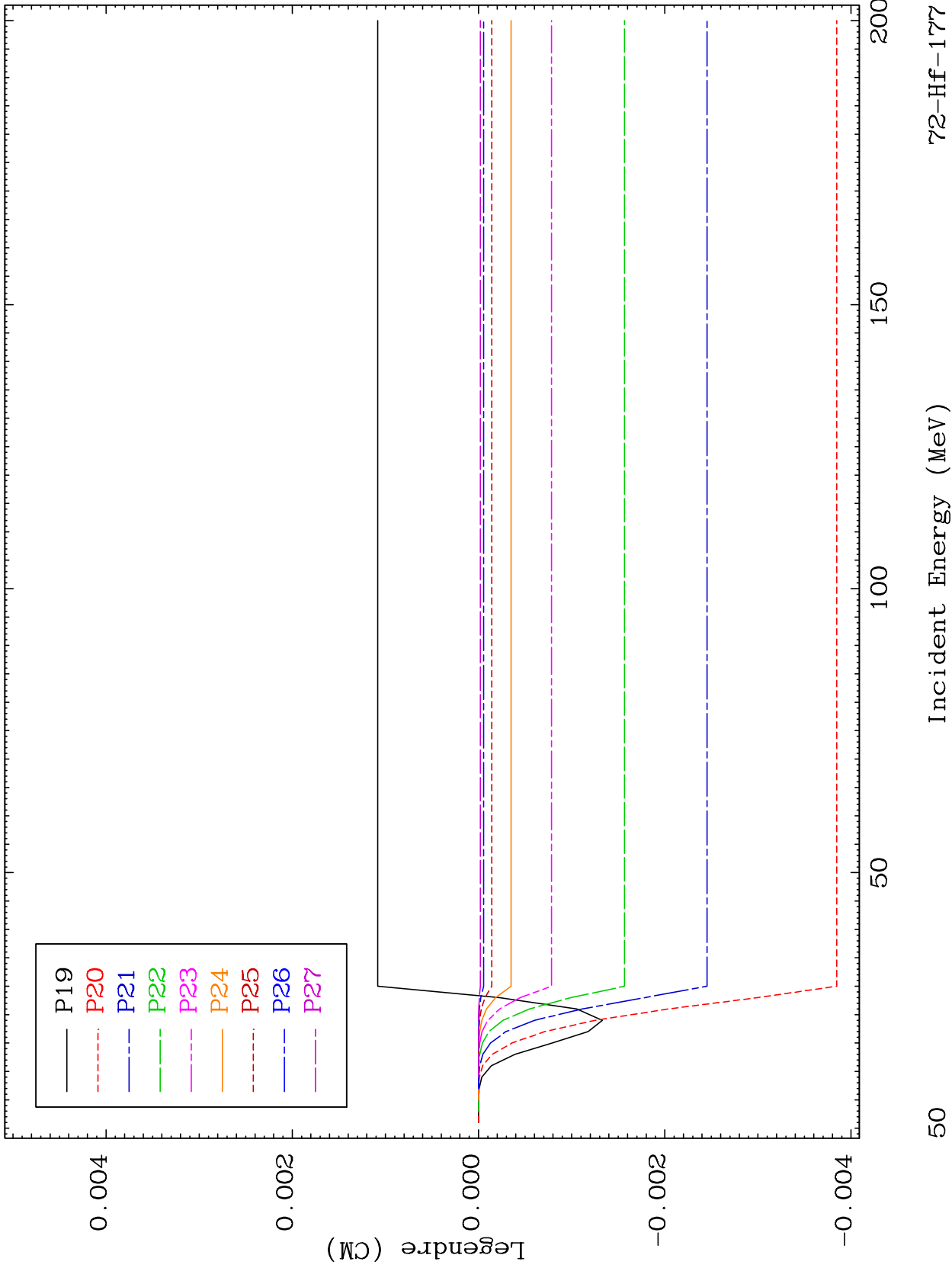
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MAT 7234

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

72-Hf-177



50

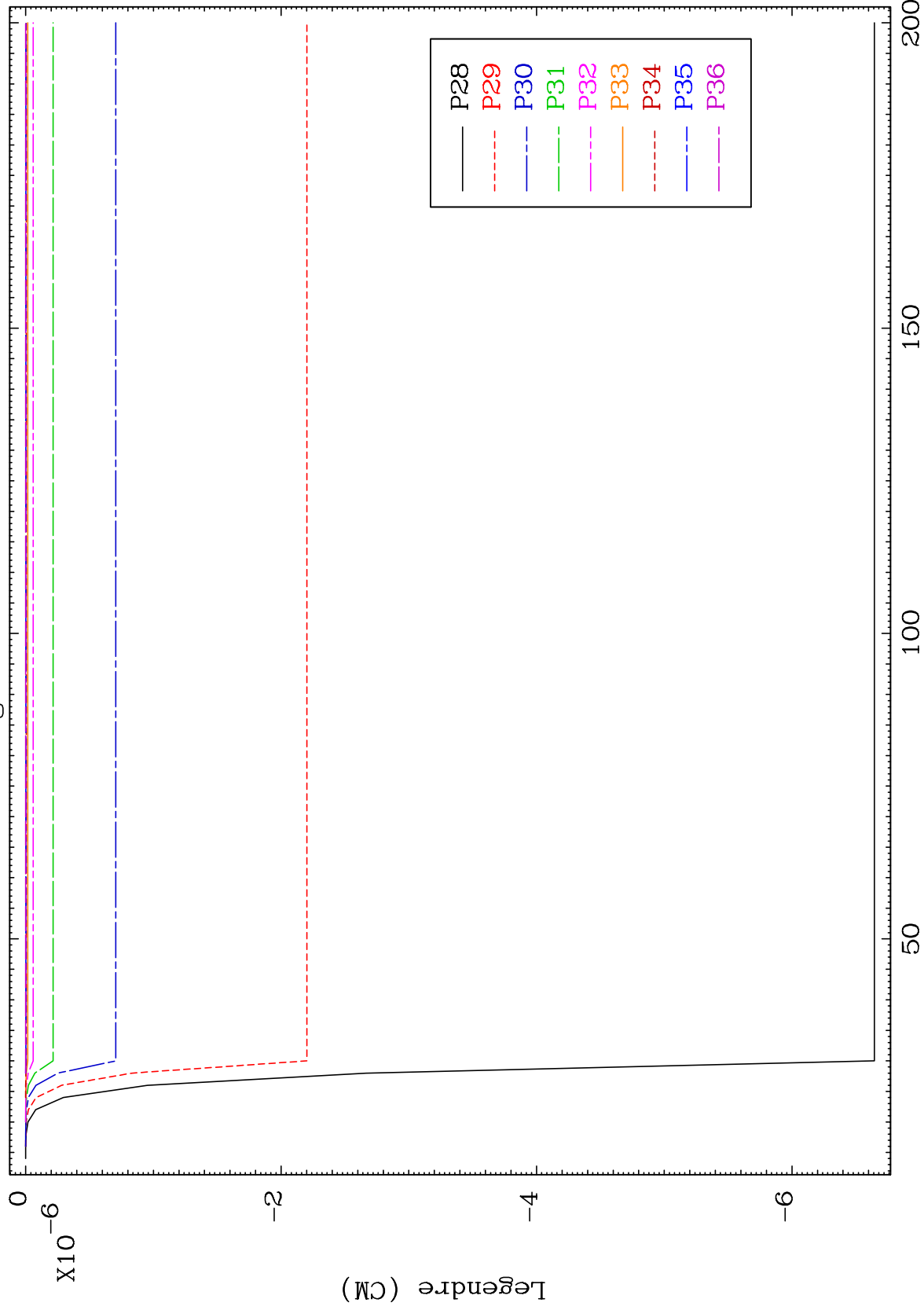
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



51

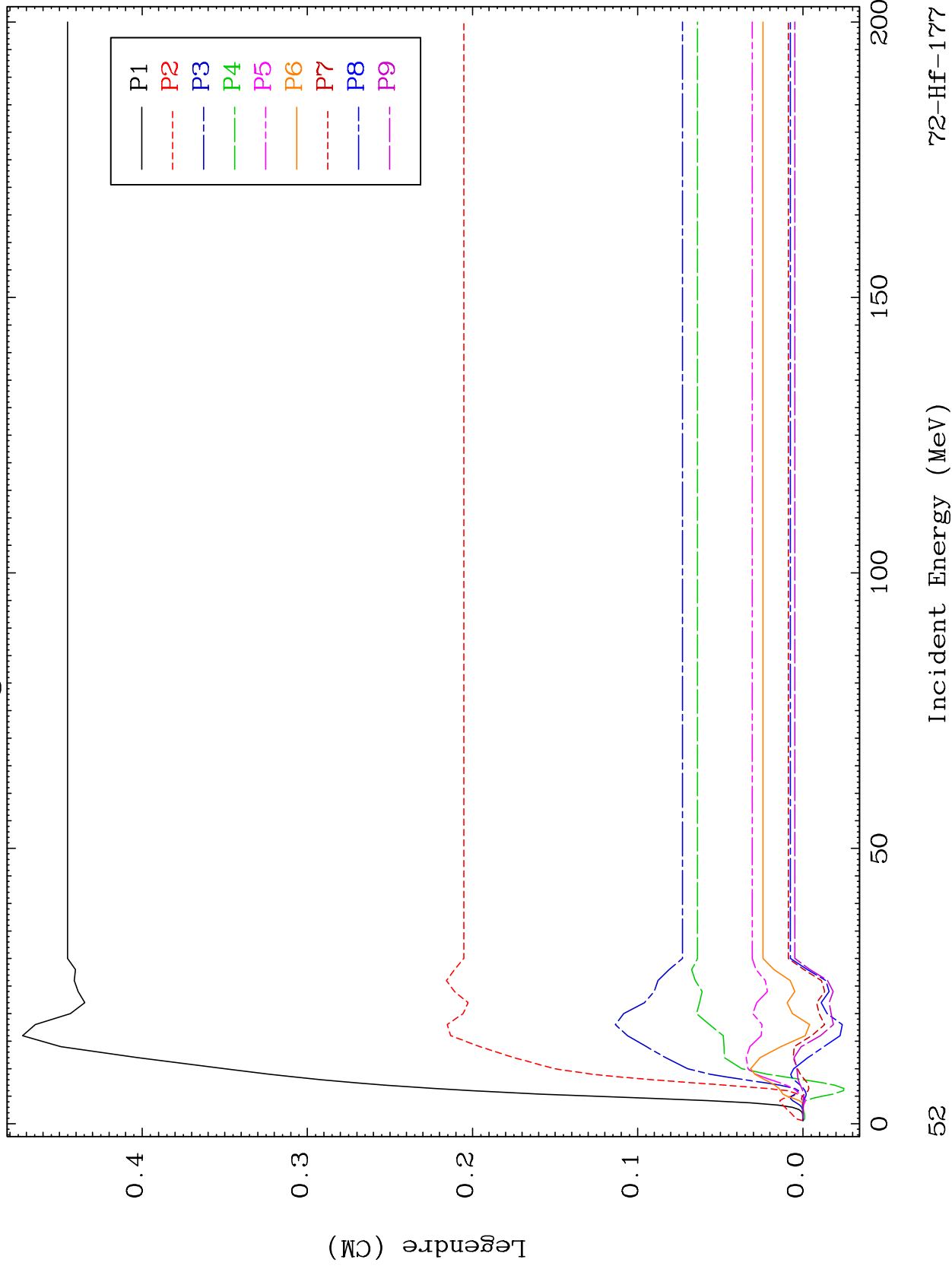
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

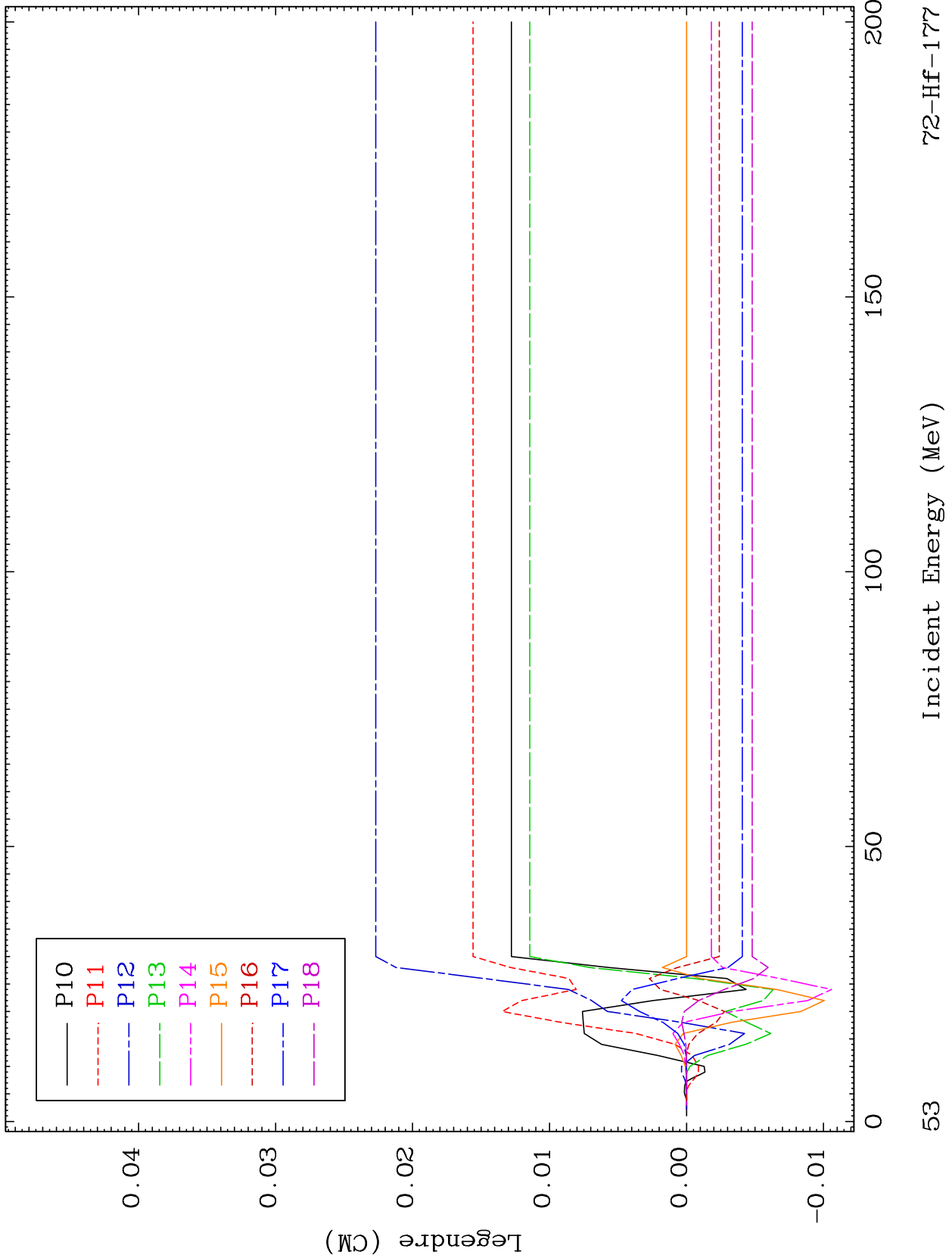
72-Hf-177



MAT 7234

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

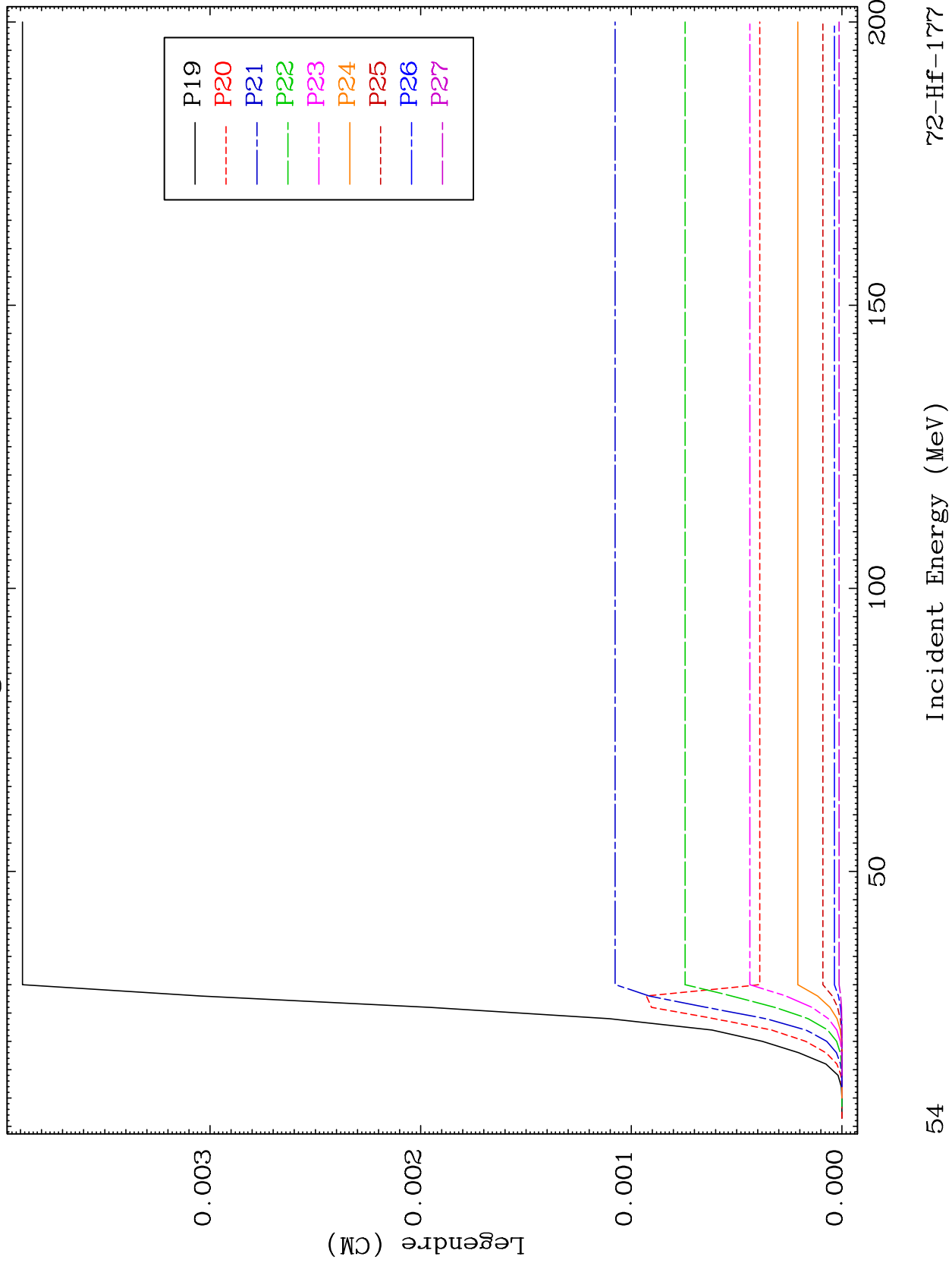
72-Hf-177



MAT 7234

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

72-Hf-177



54

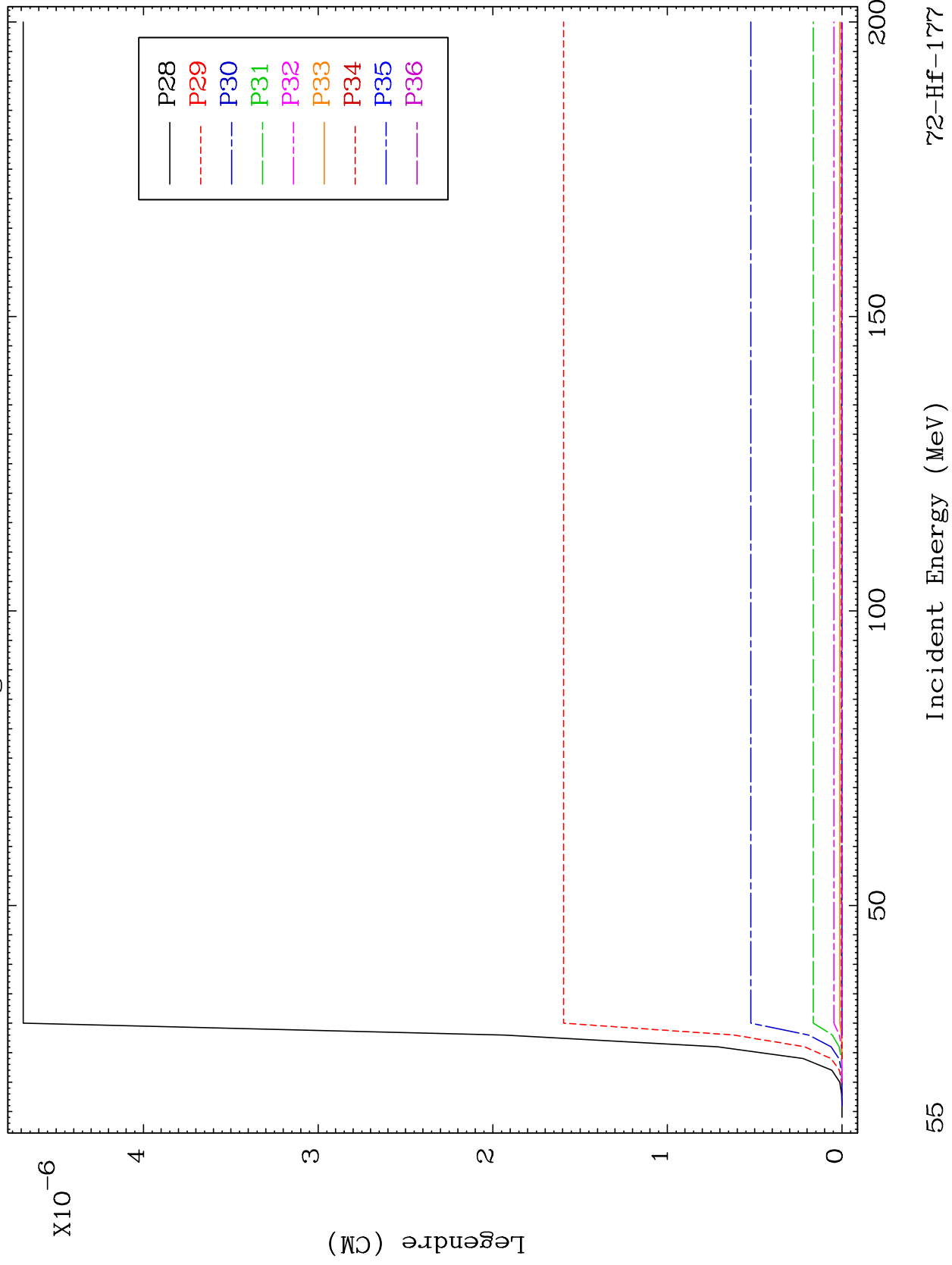
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



55

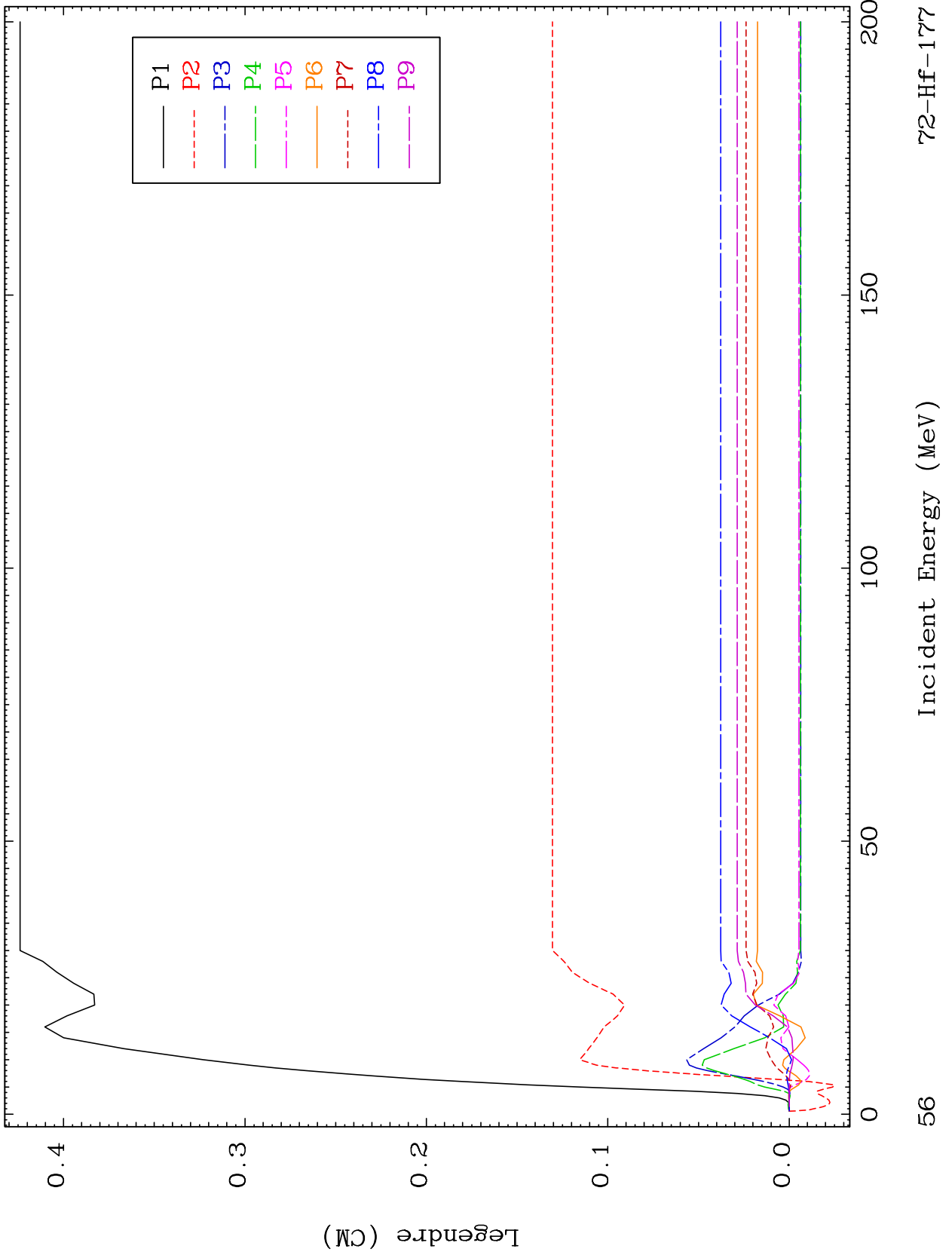
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



56

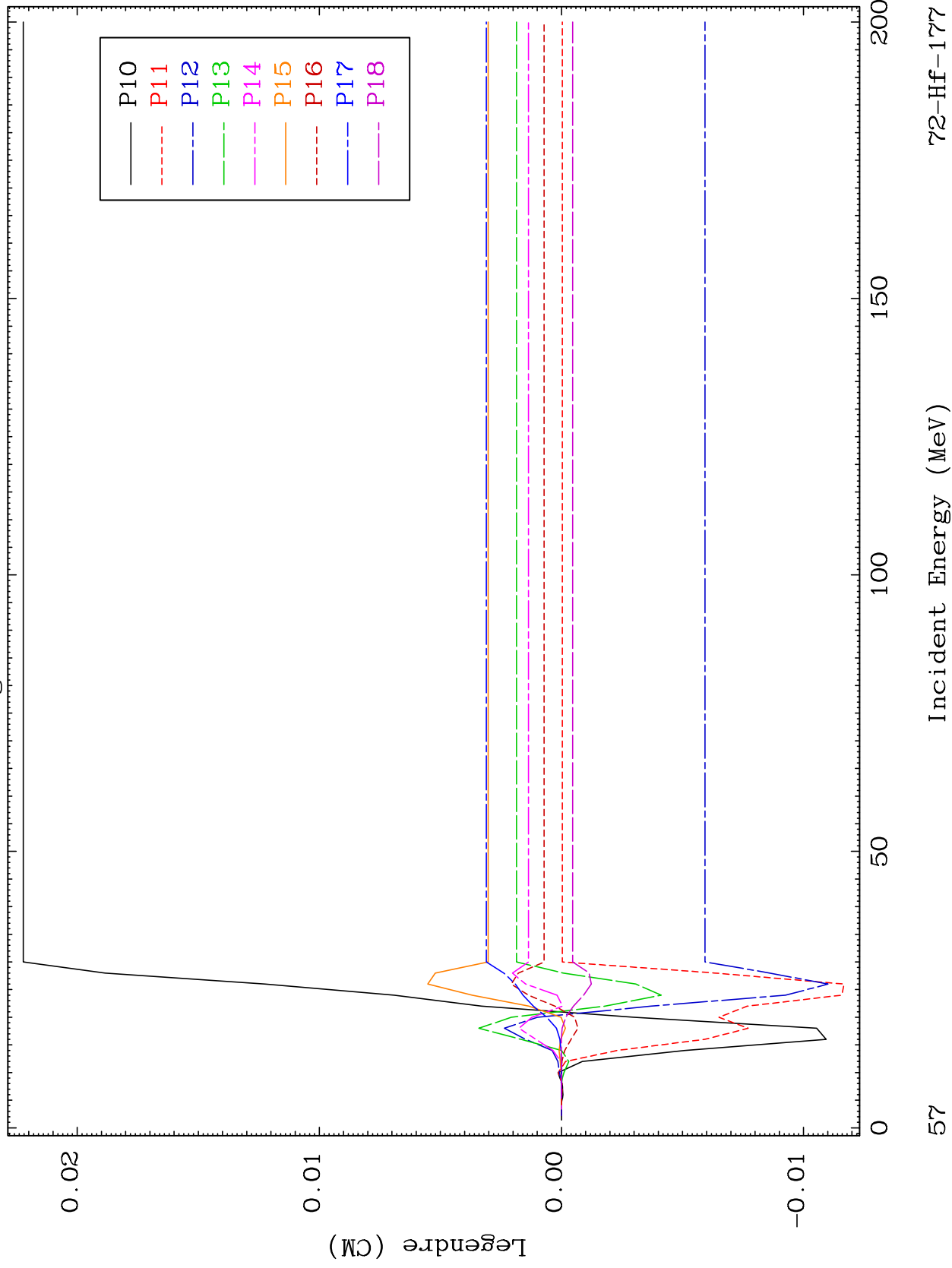
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



57

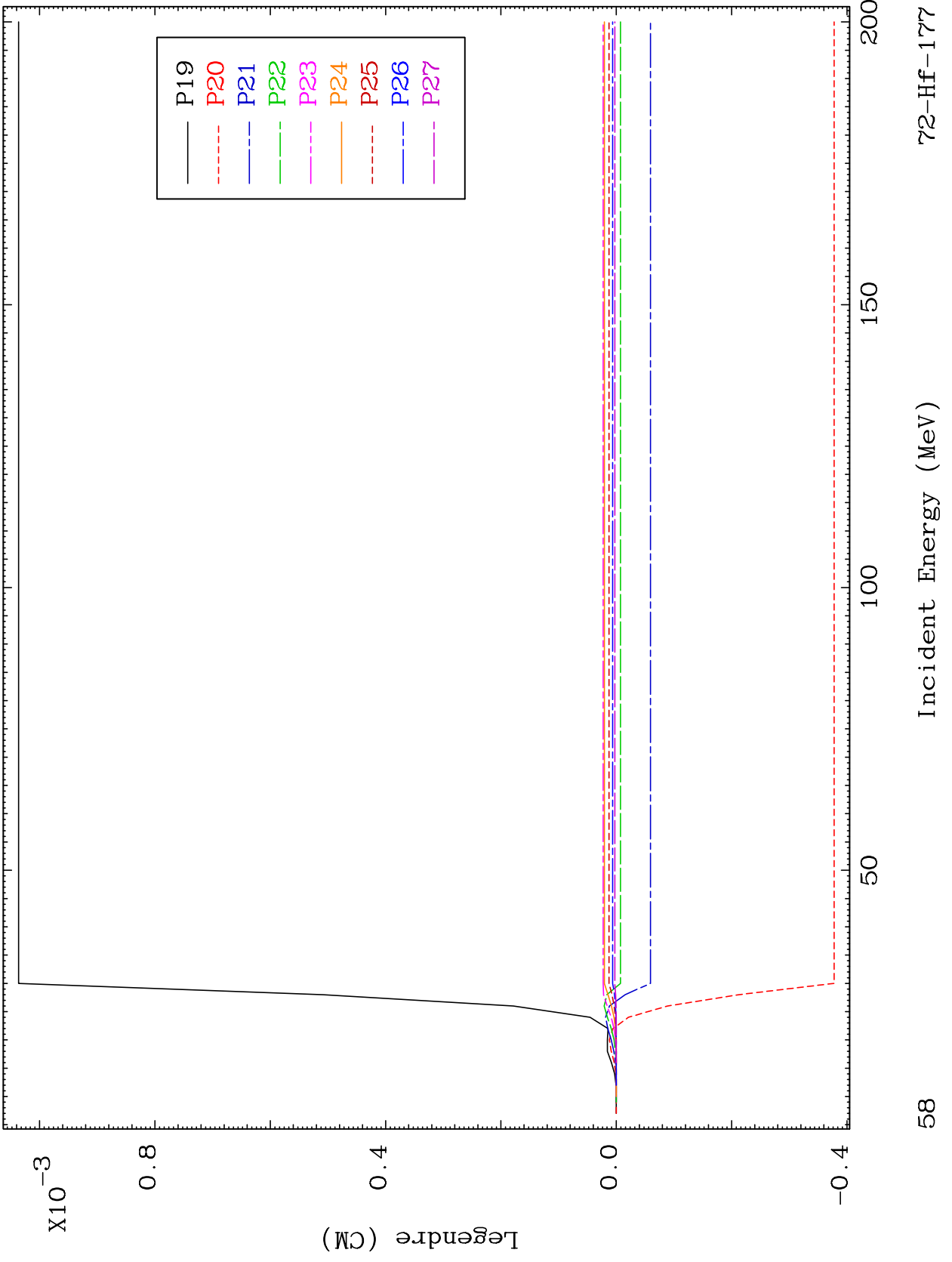
Incident Energy (MeV)

72-Hf-177

MAT 7234

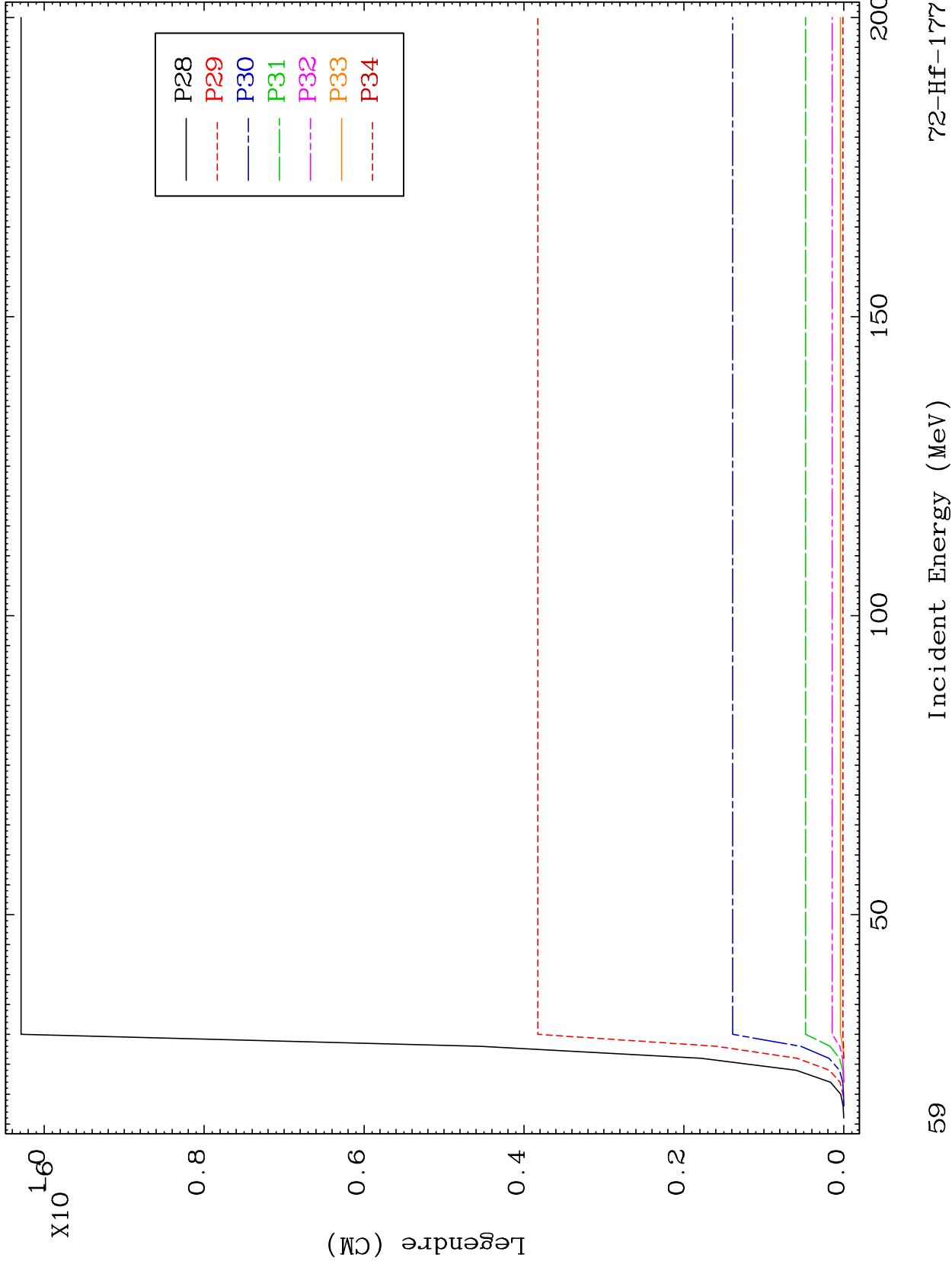
MT= 60 (n,n') Level  
Legendre Coefficients

72-Hf-177



58

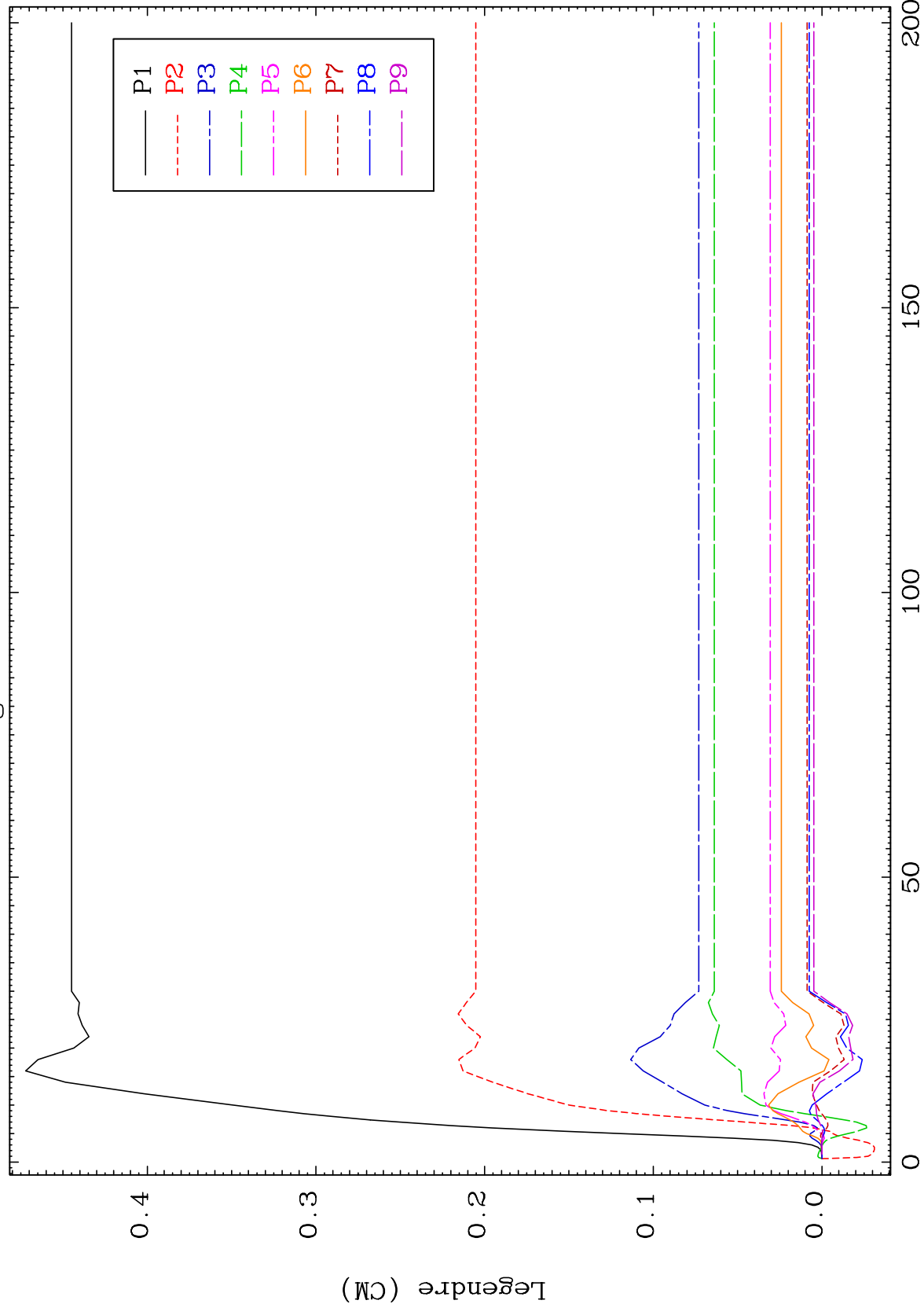
72-Hf-177



MAT 7234

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

72-Hf-177



72-Hf-177

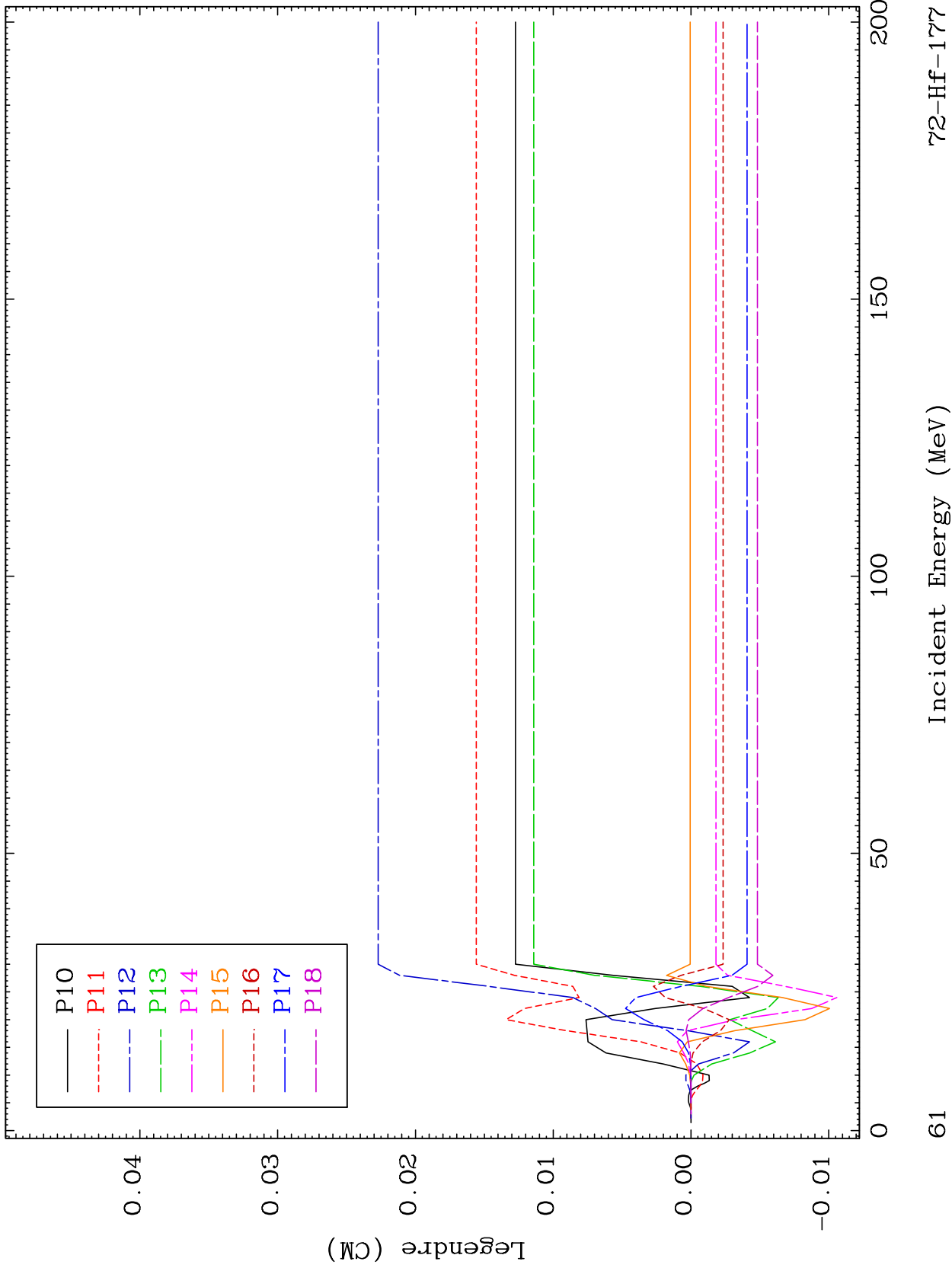
Incident Energy (MeV)

60

MAT 7234

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

72-Hf-177



61

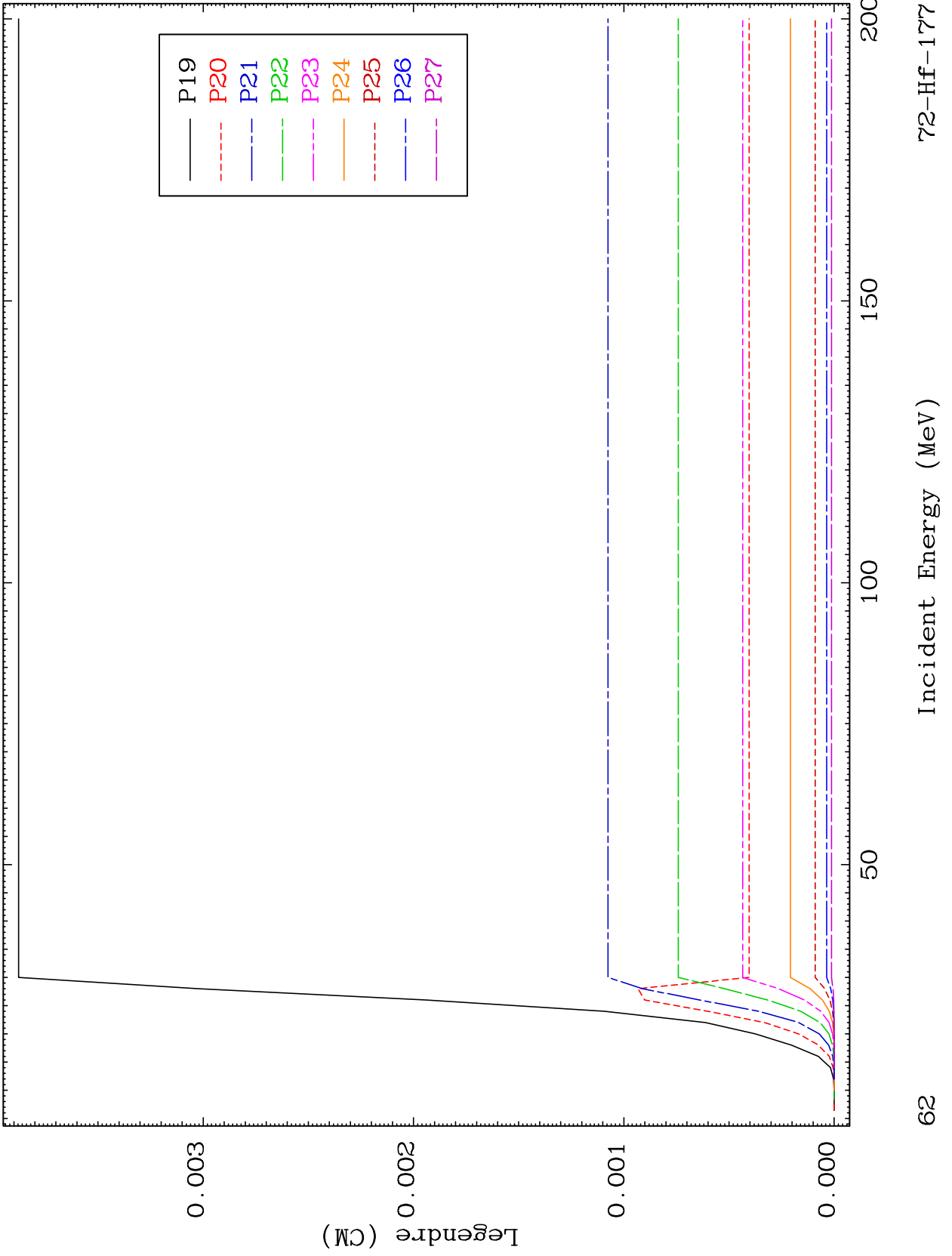
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



62

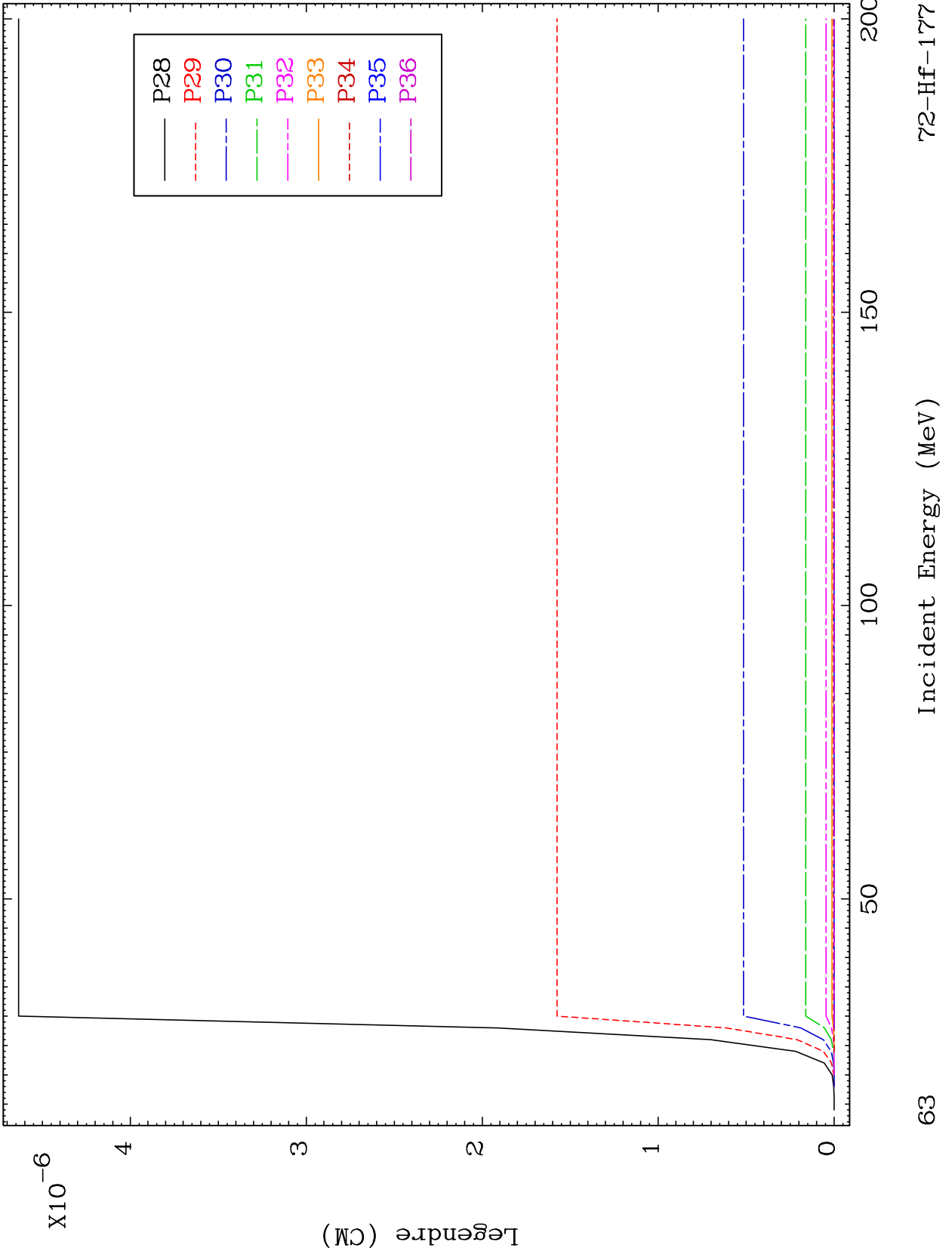
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

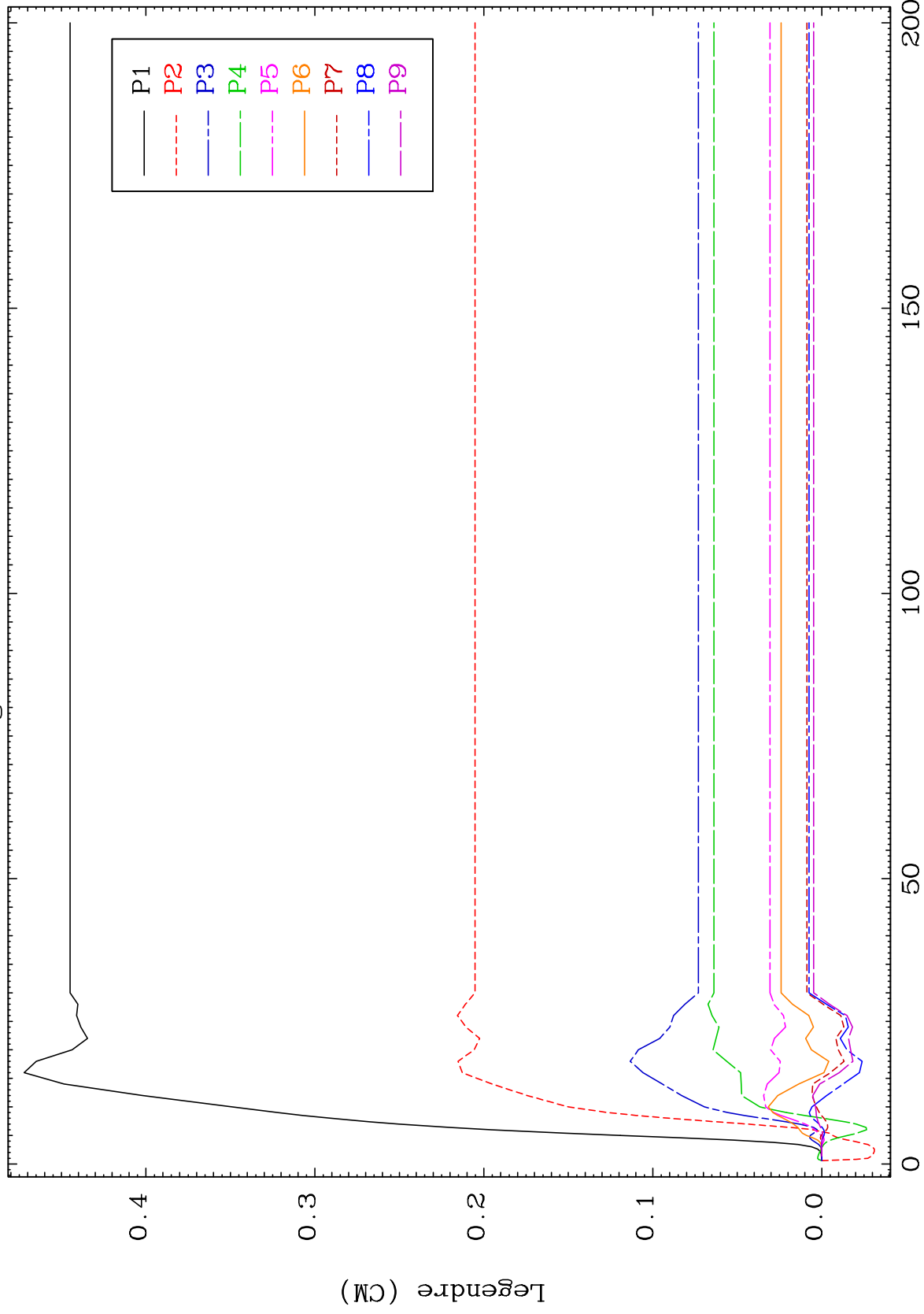
72-Hf-177



MAT 7234

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

72-Hf-177



64

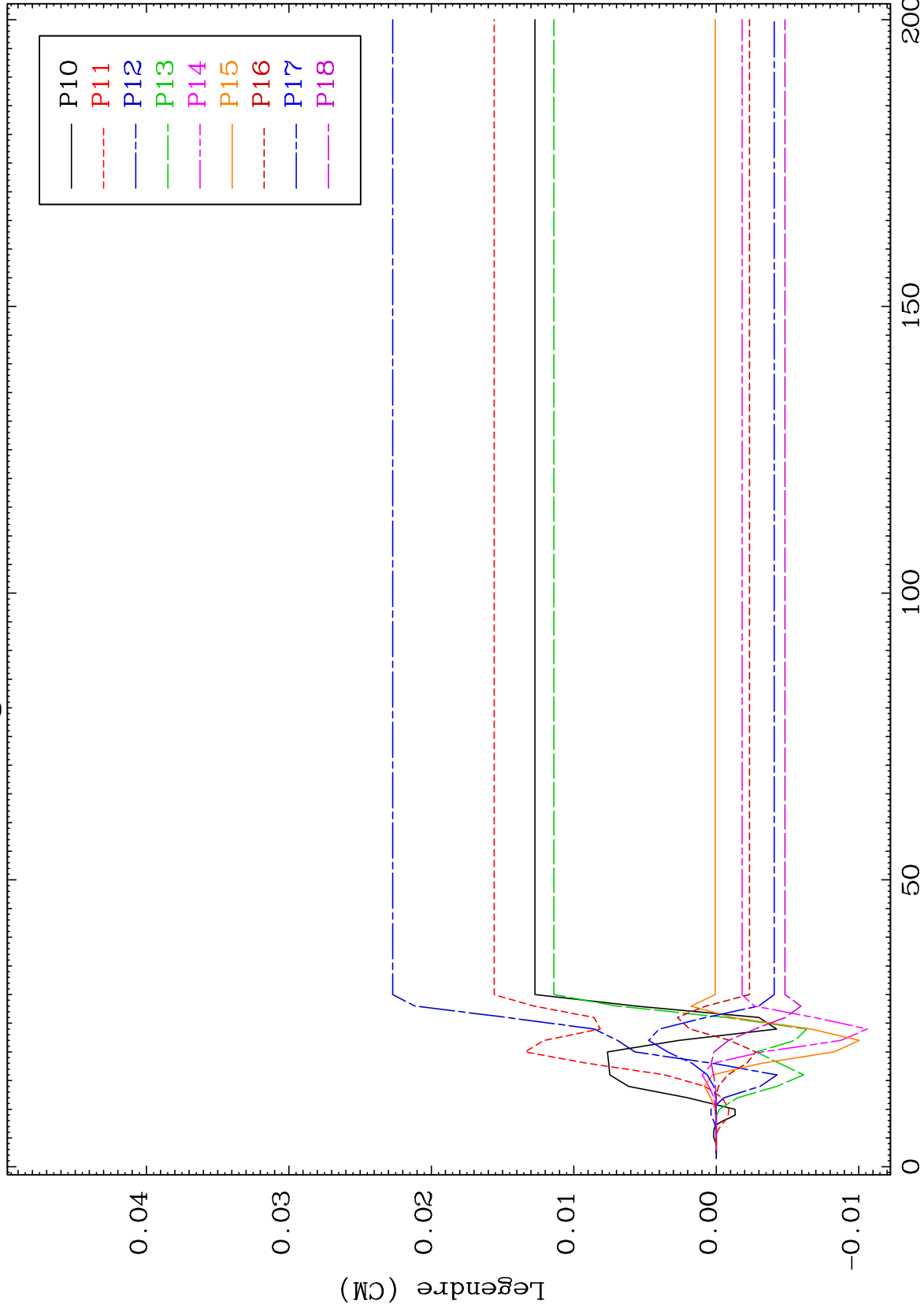
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



65

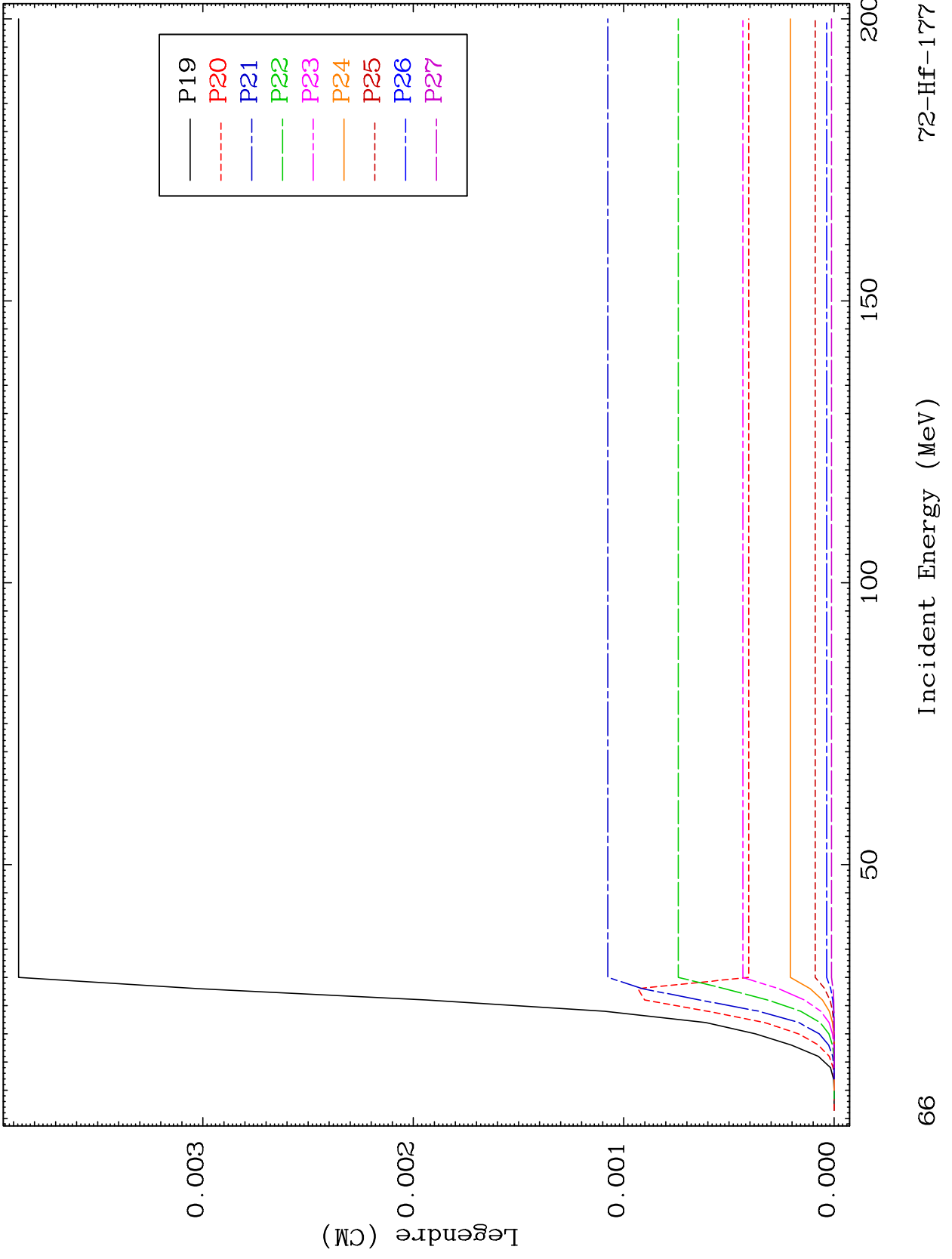
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



66

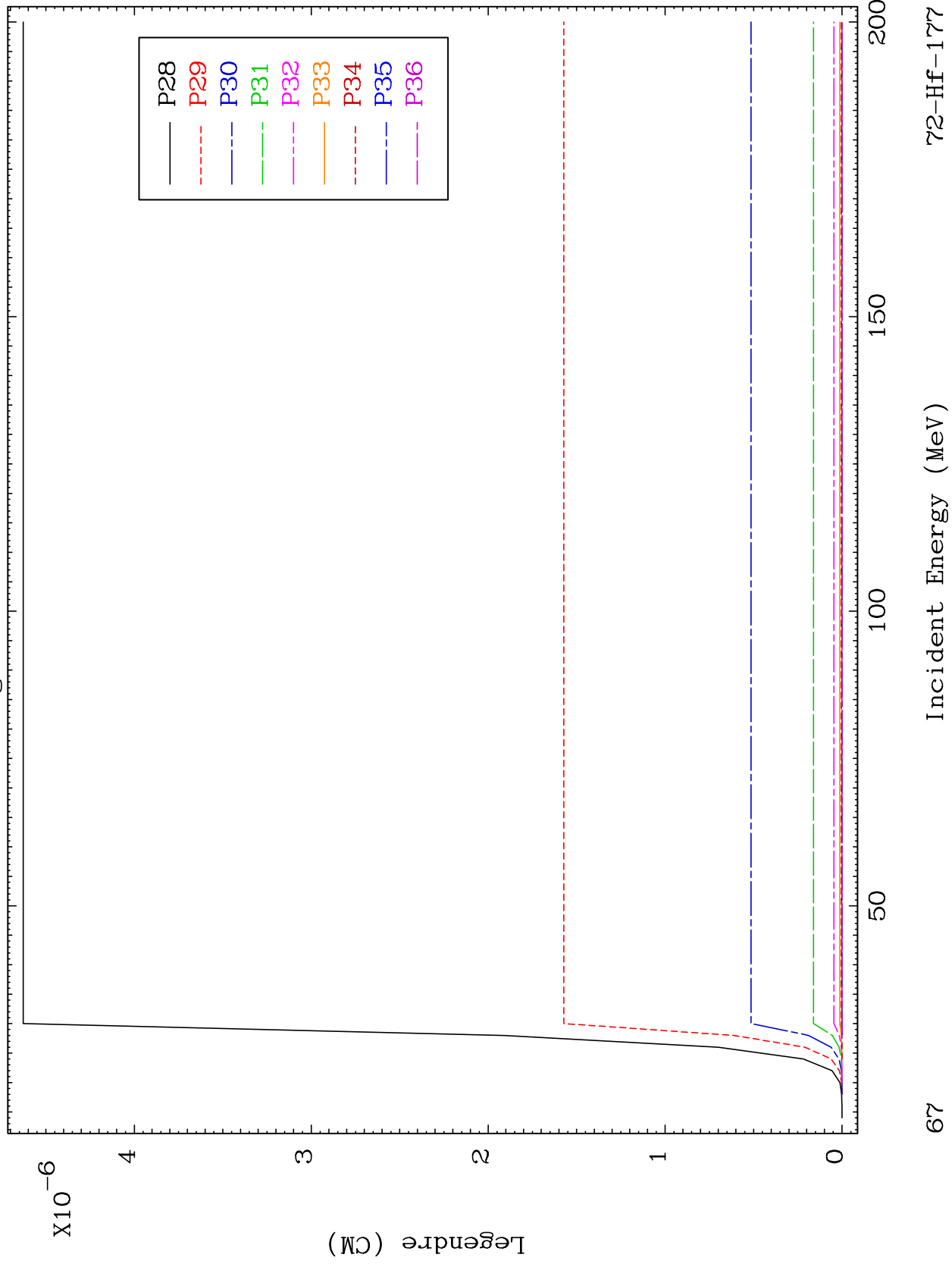
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177

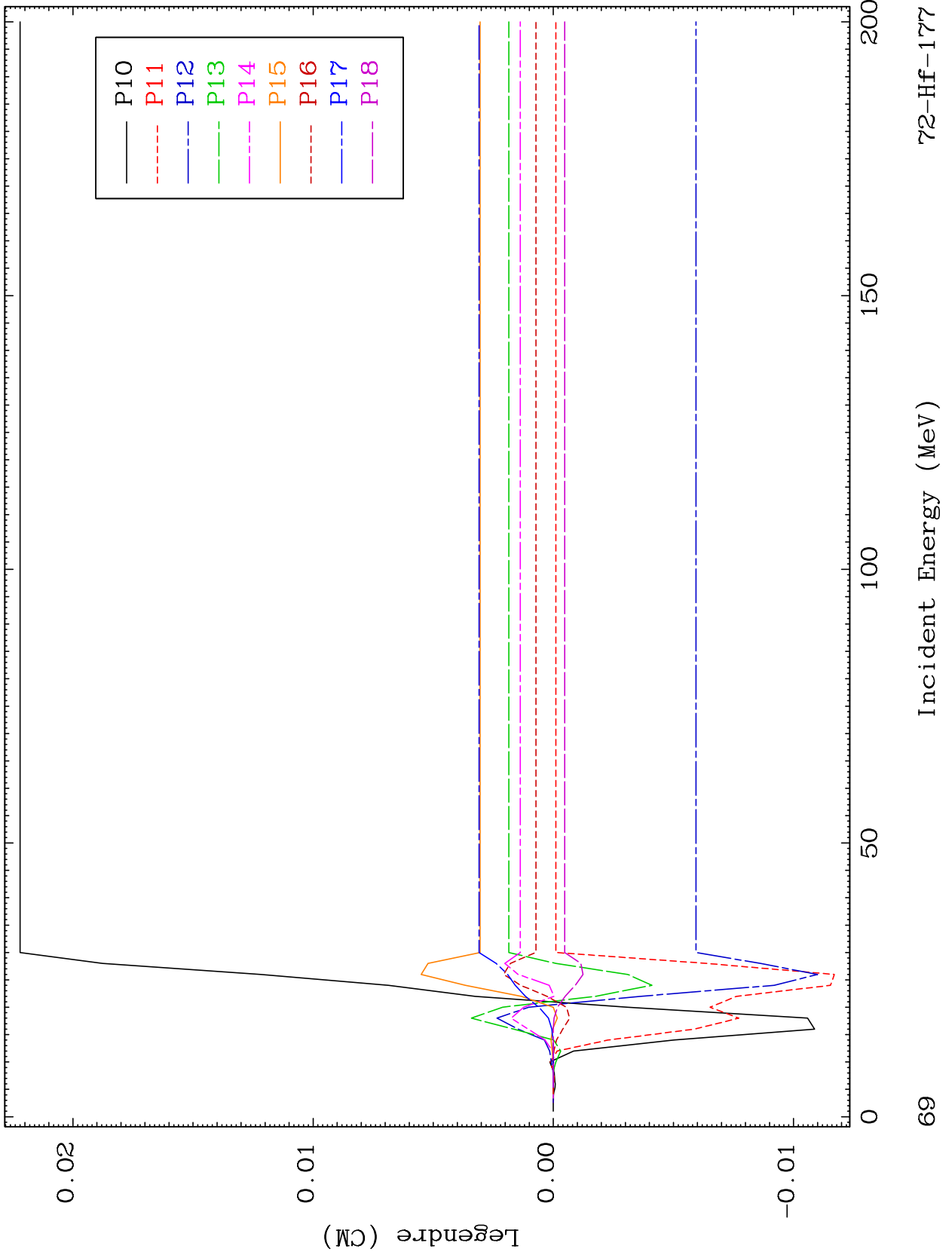




MAT 7234

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

72-Hf-177



69

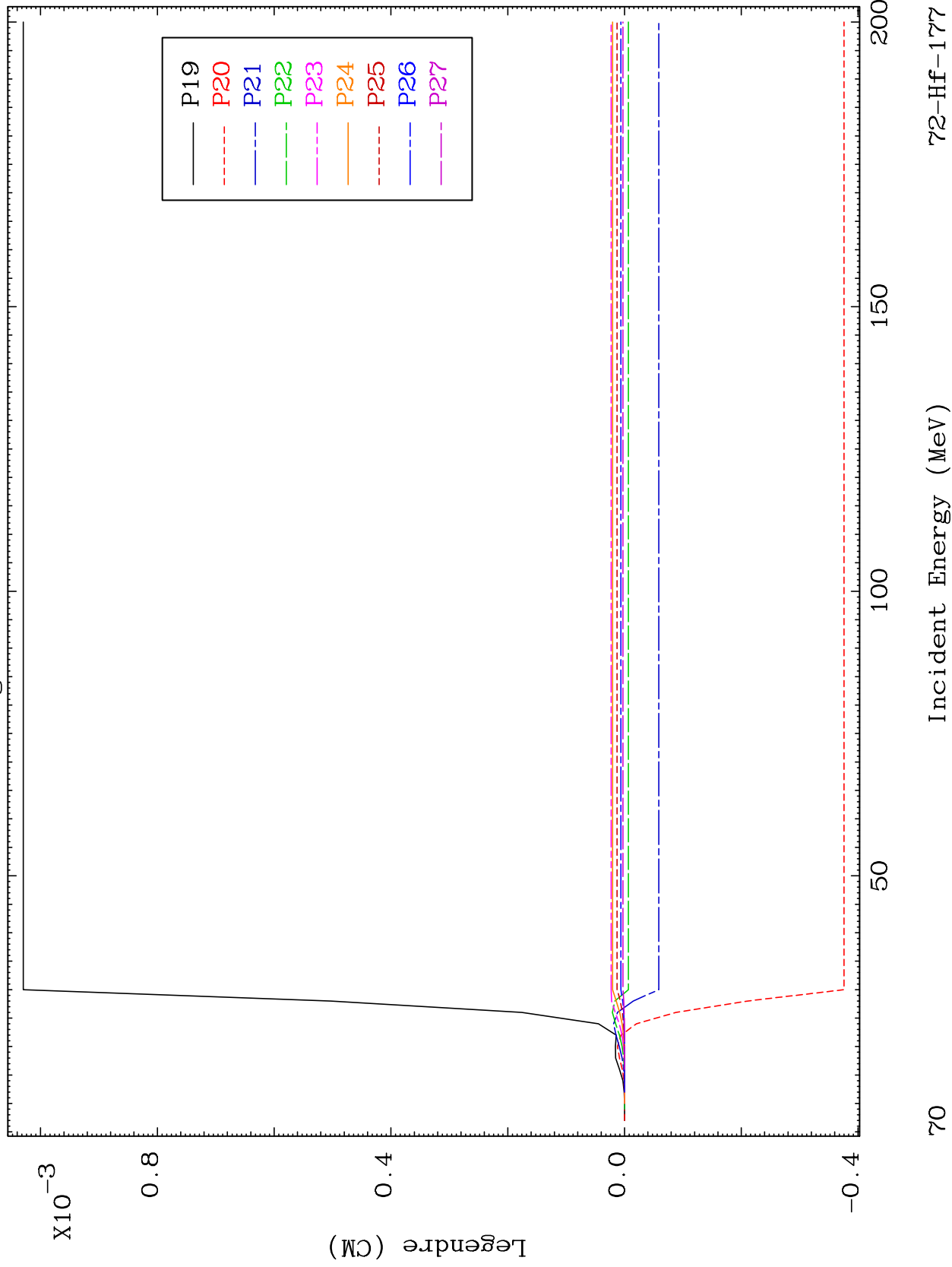
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



70

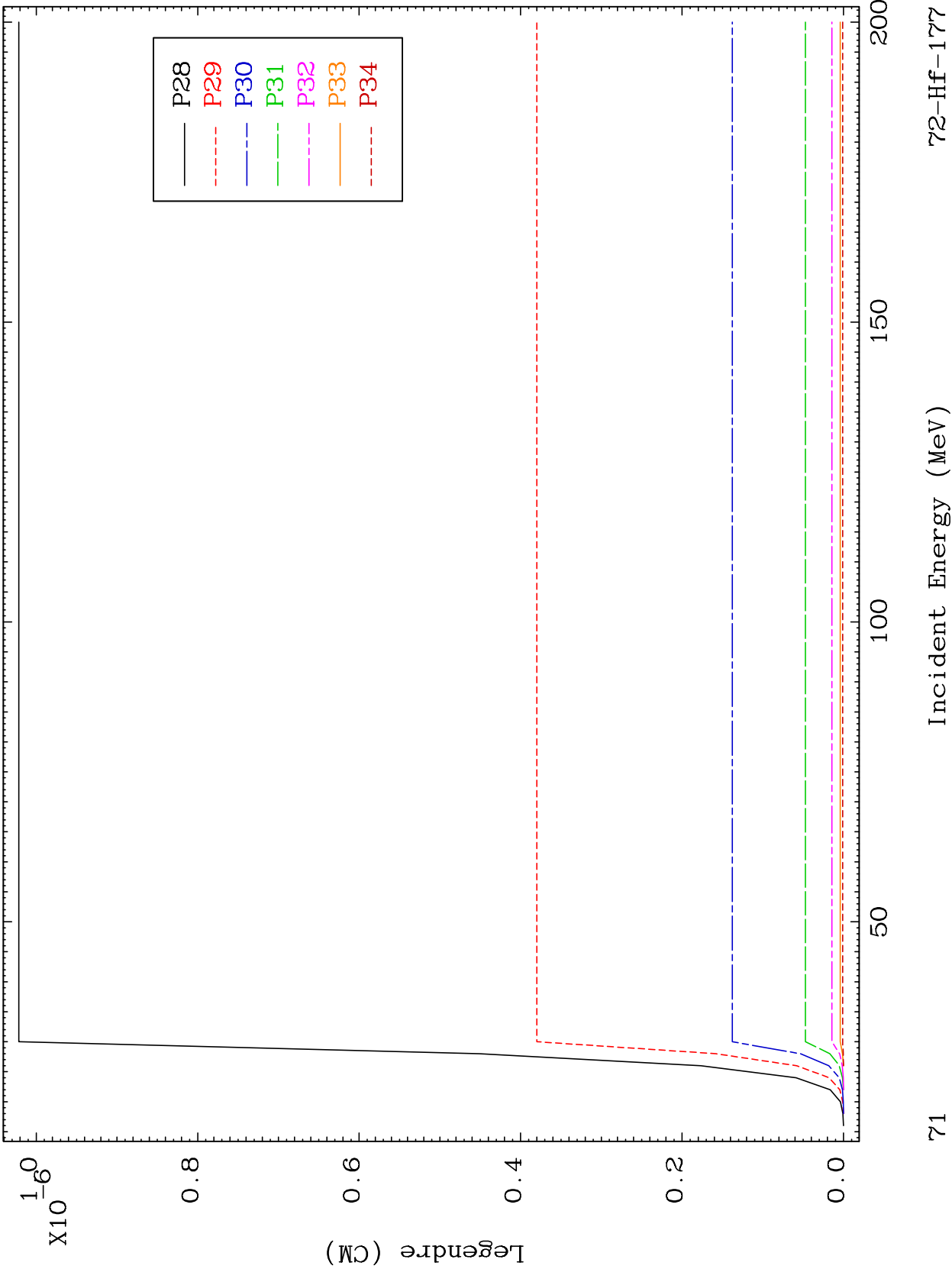
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



71

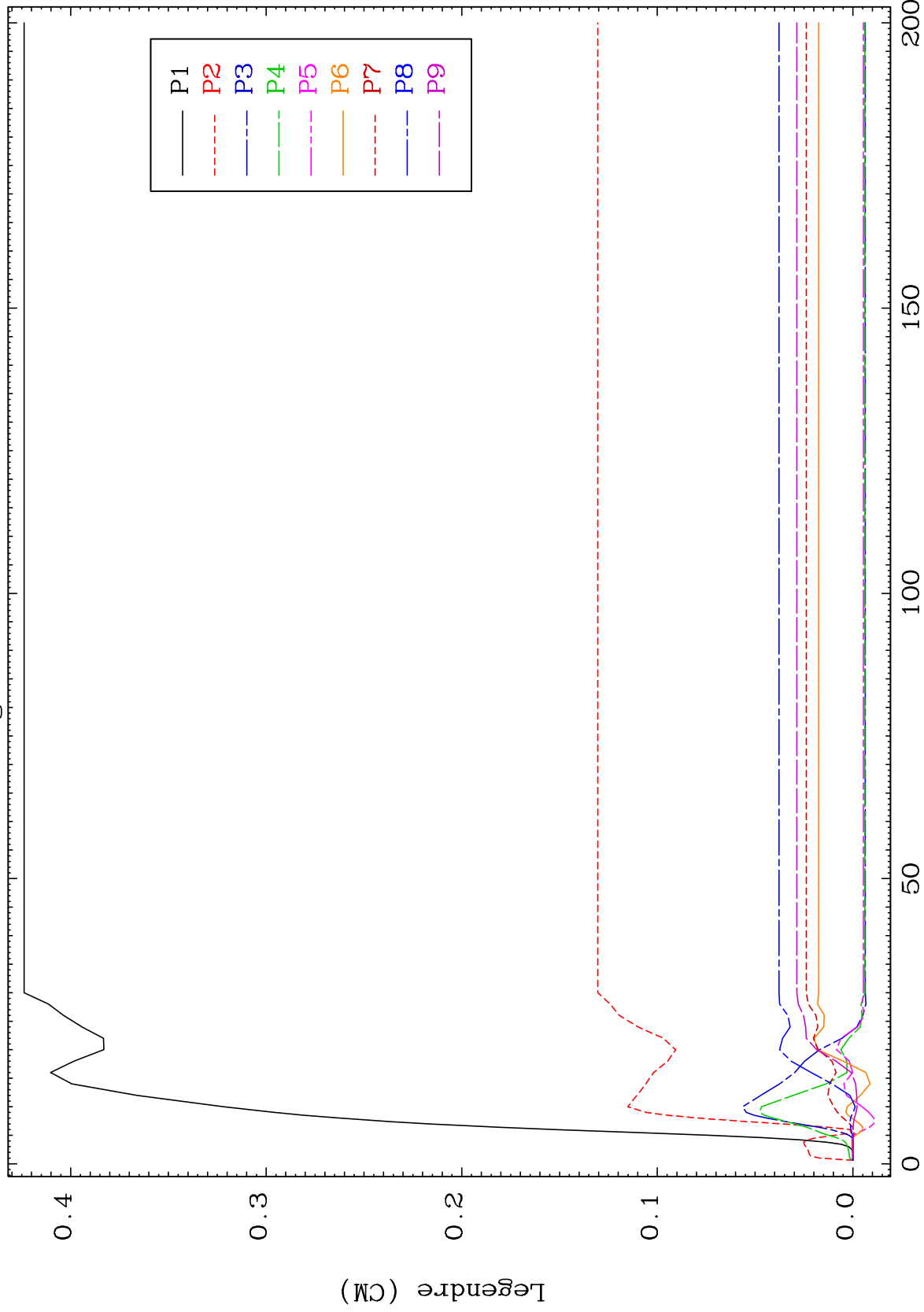
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



72

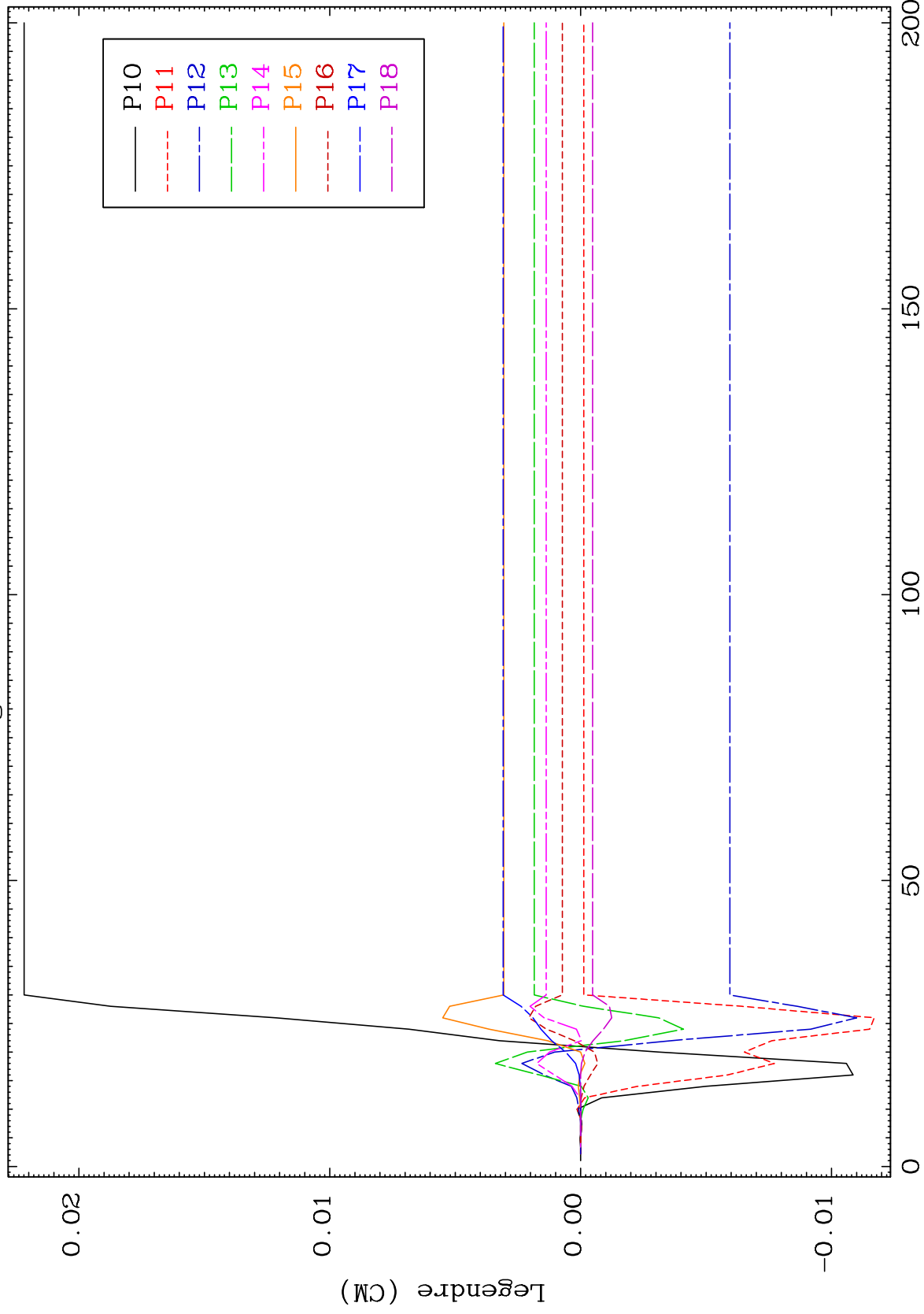
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



73

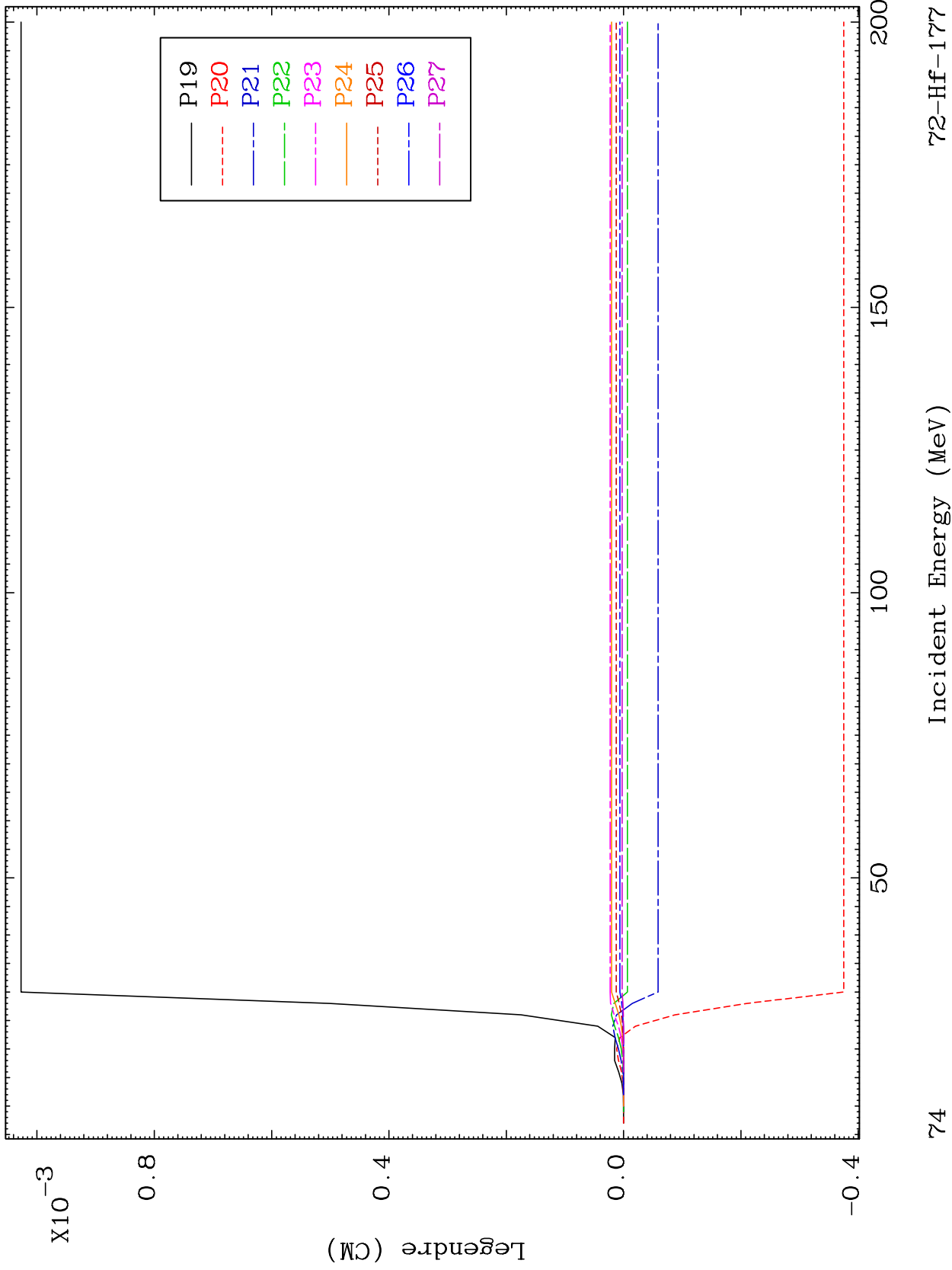
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



74

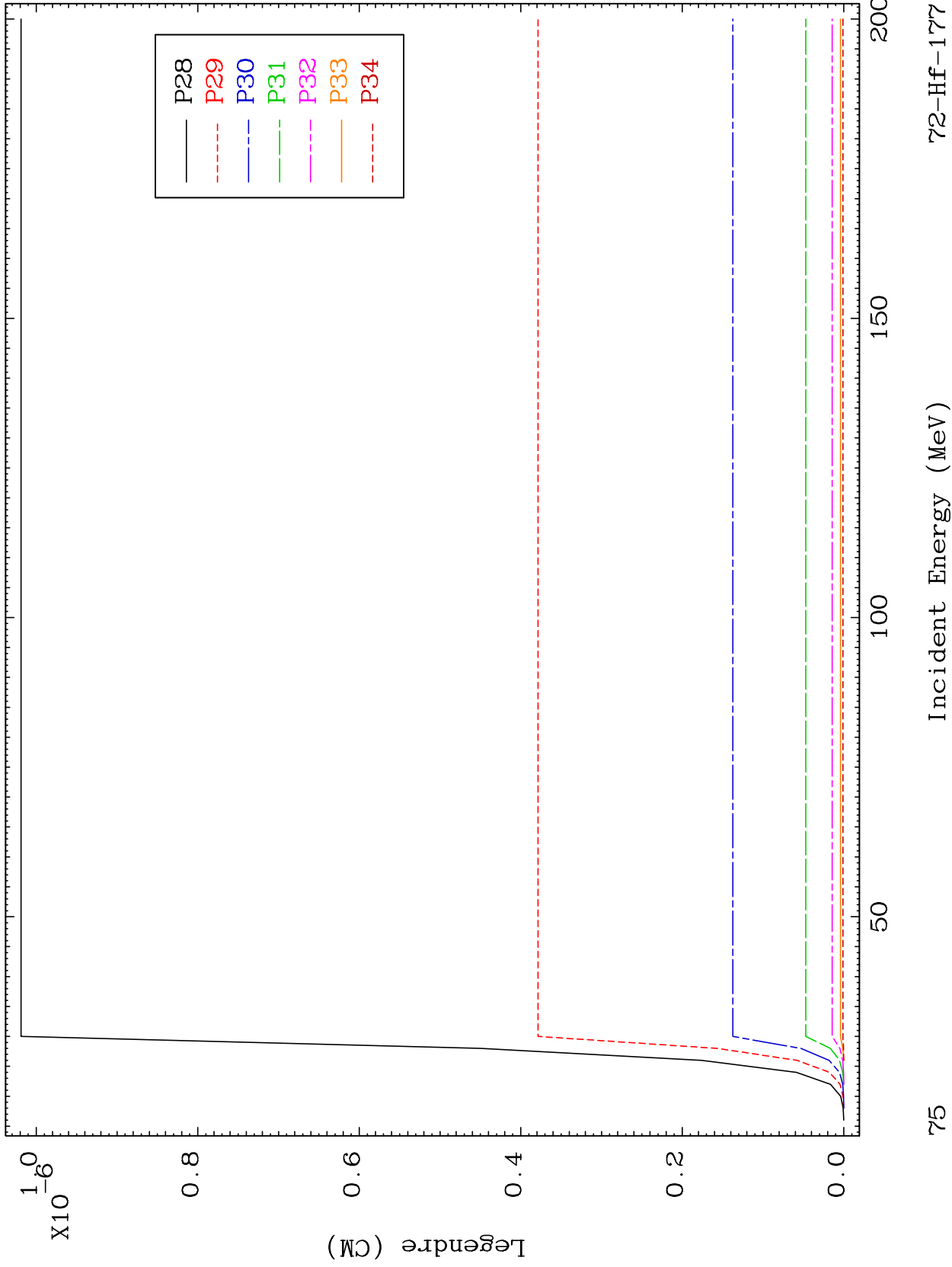
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

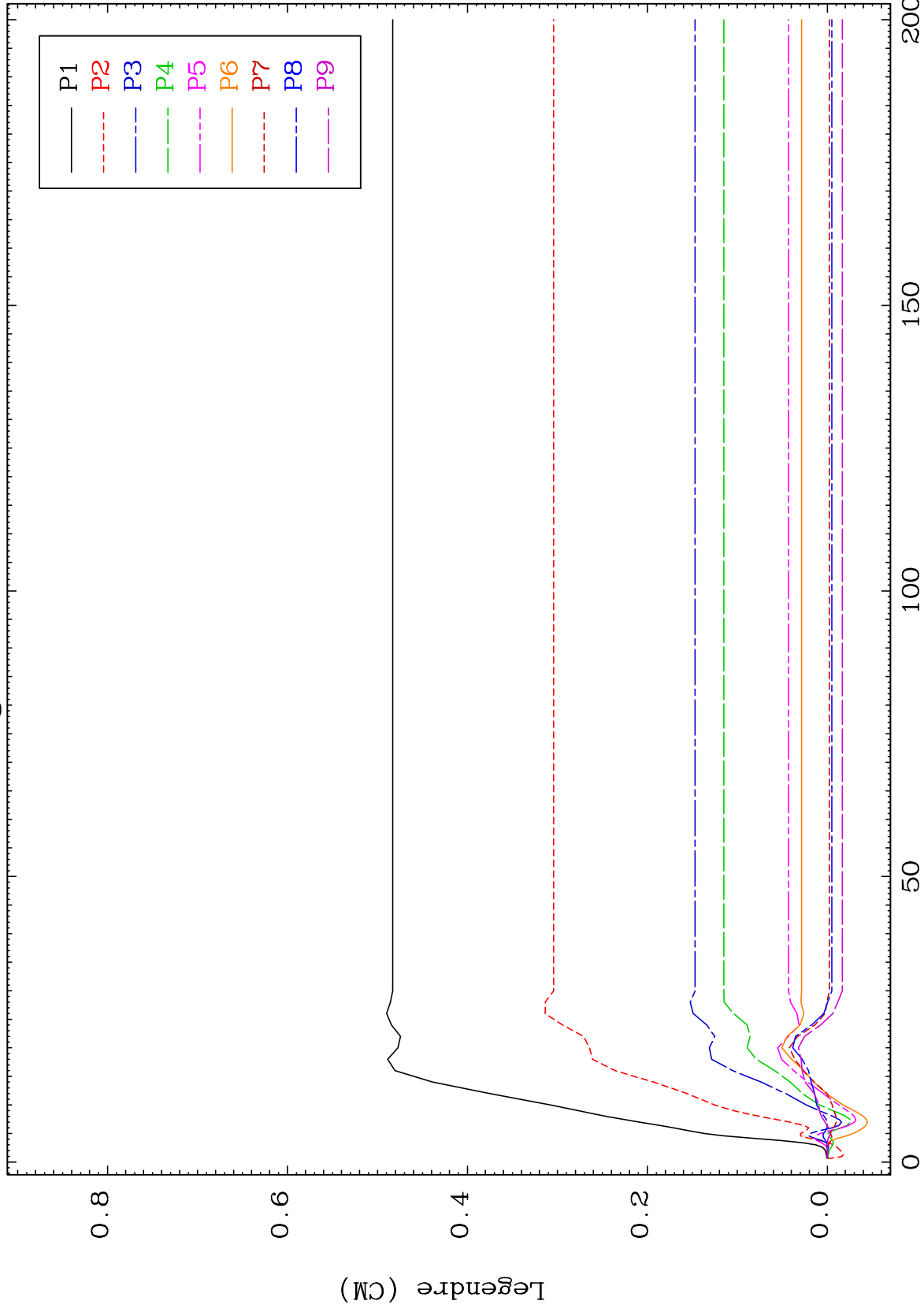
72-Hf-177



MAT 7234

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

72-Hf-177



76

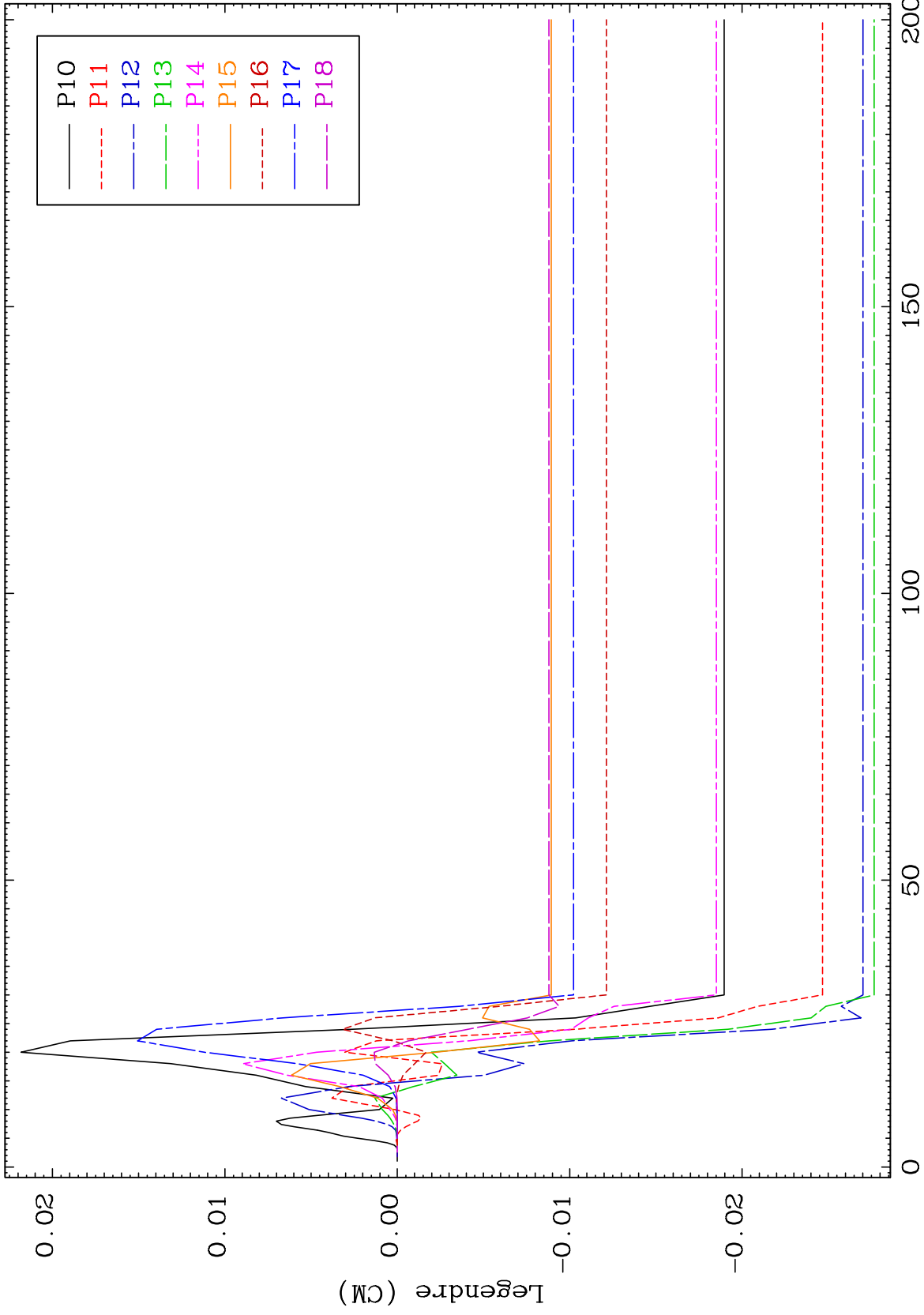
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



77

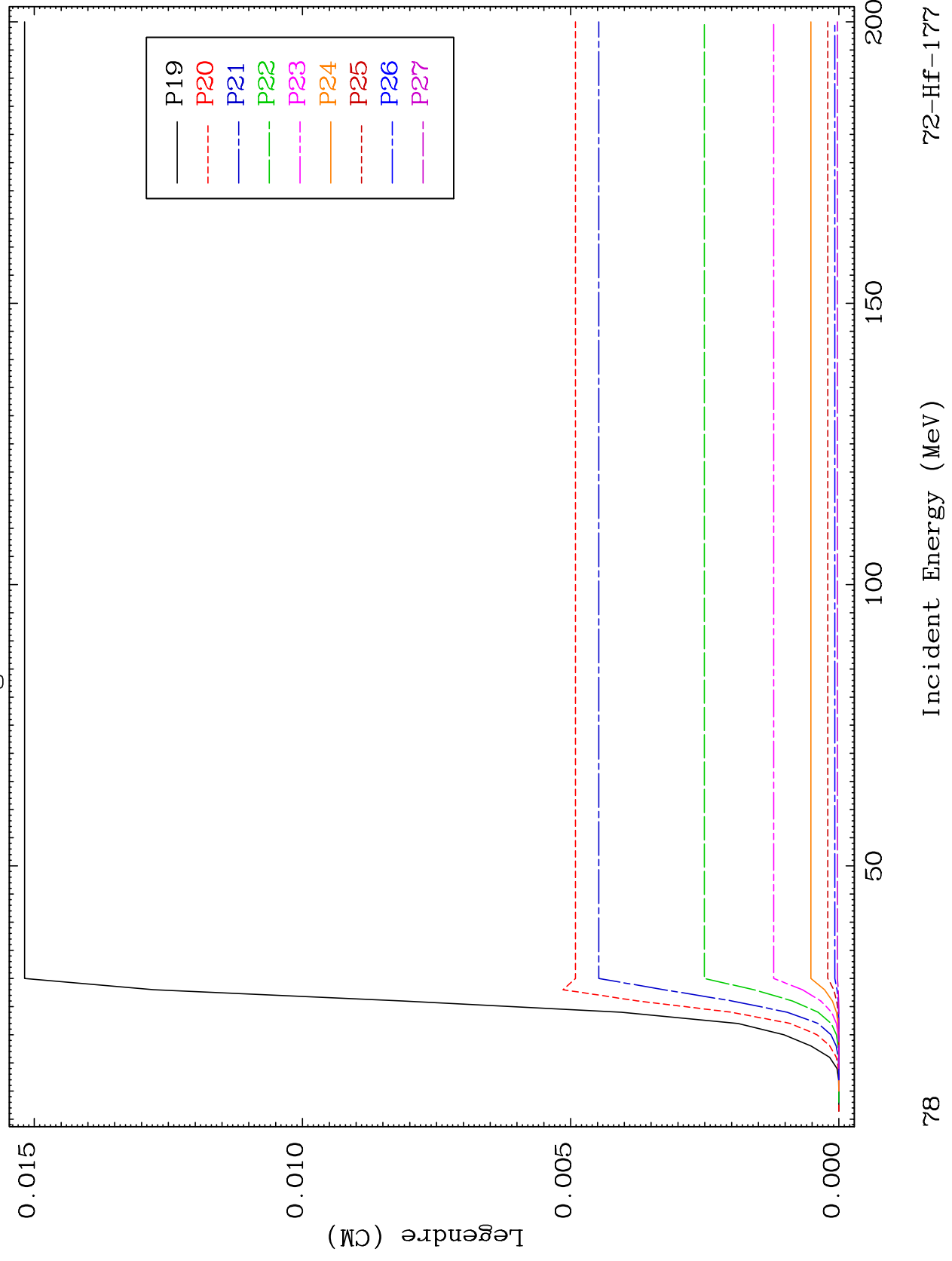
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



78

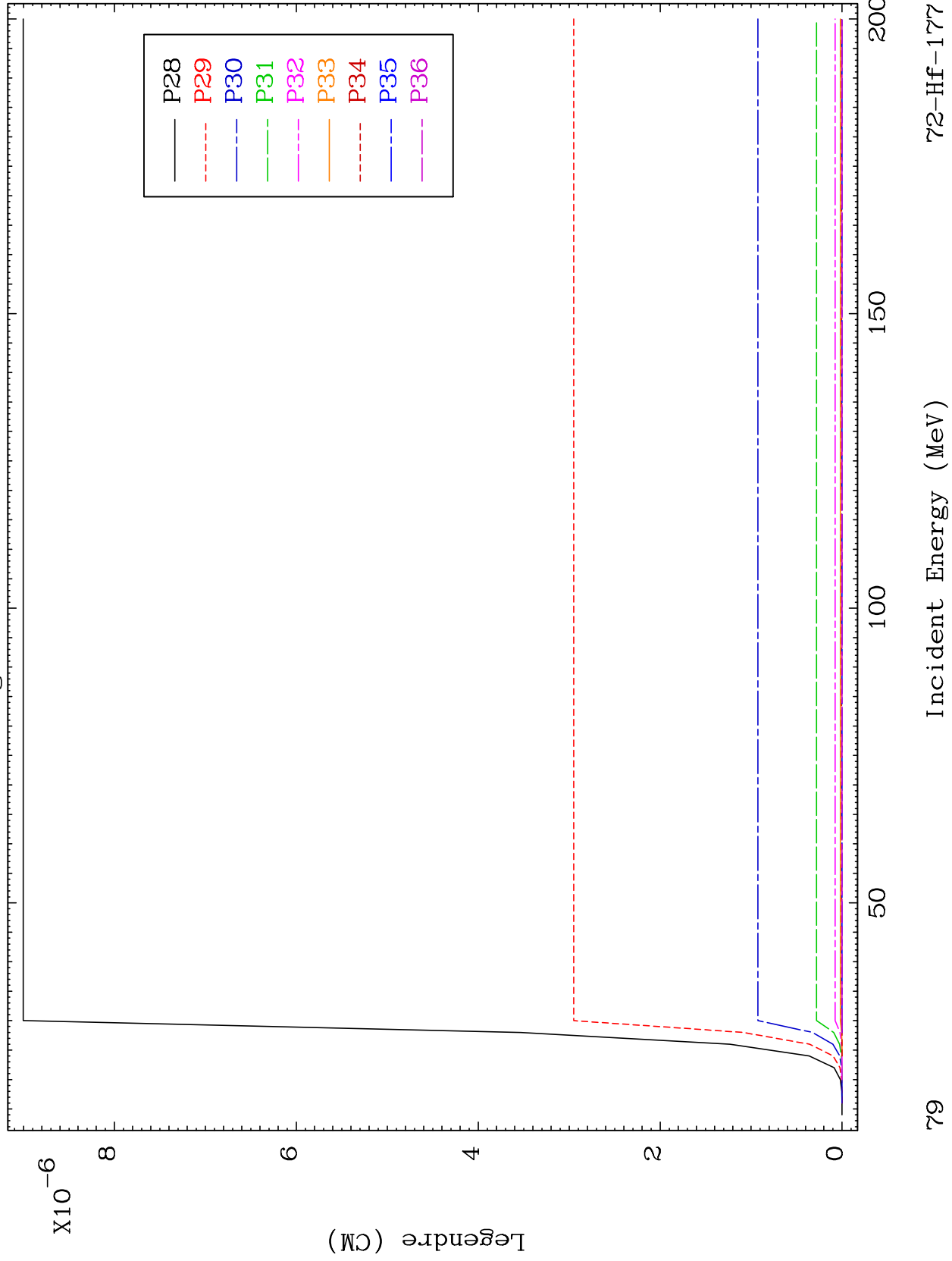
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



79

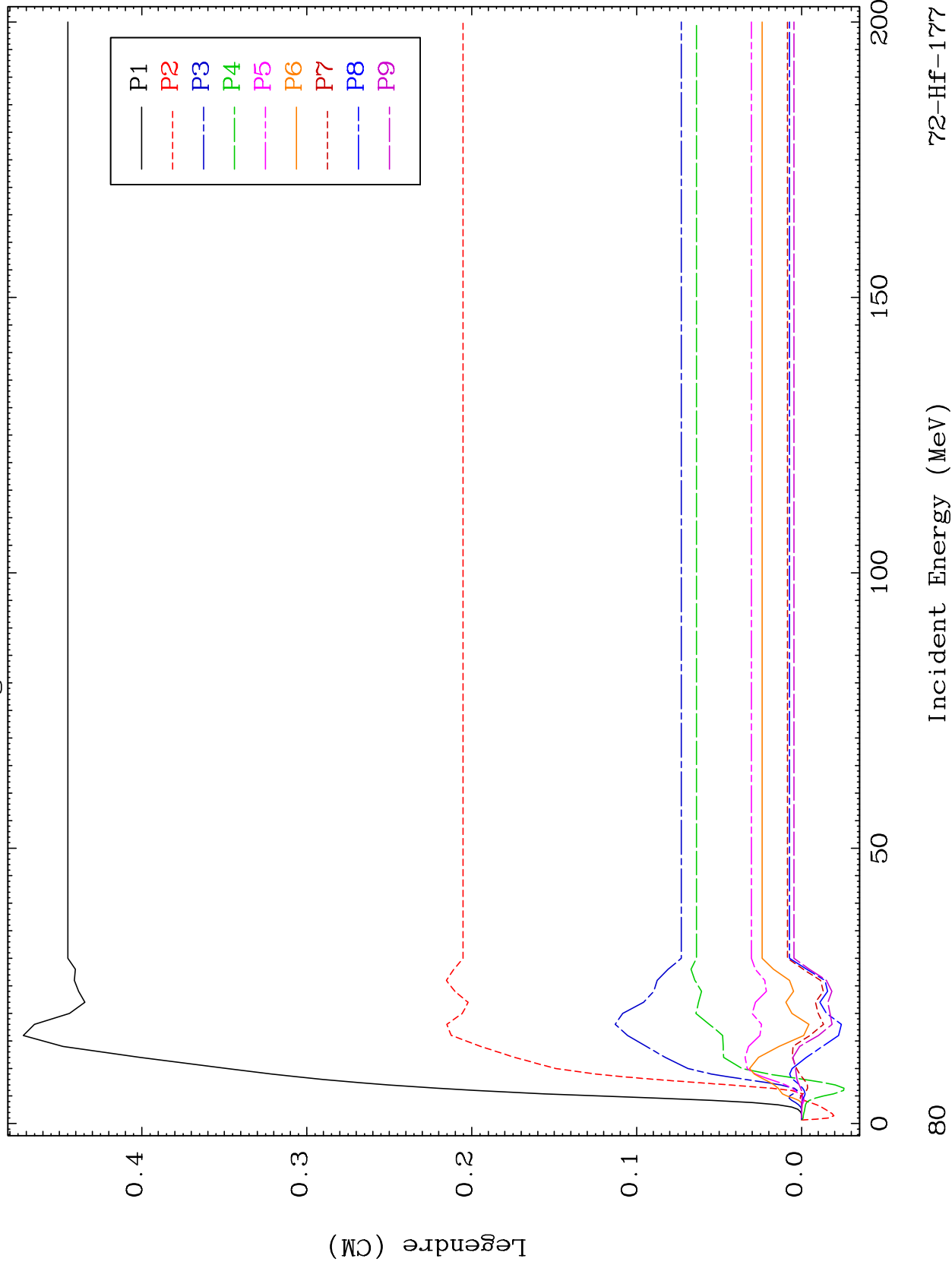
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



72-Hf-177

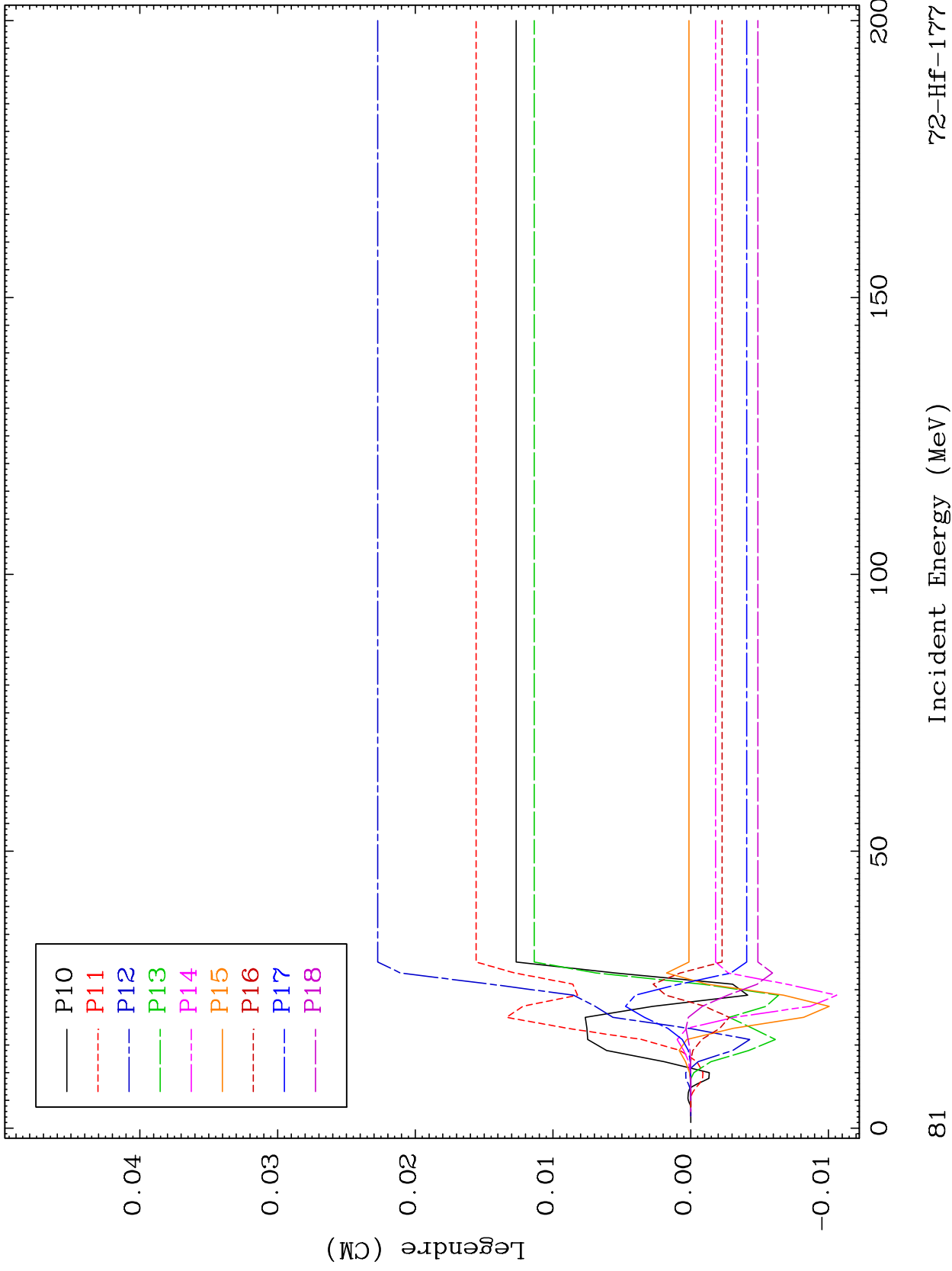
Incident Energy (MeV)

80

MAT 7234

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

72-Hf-177



81

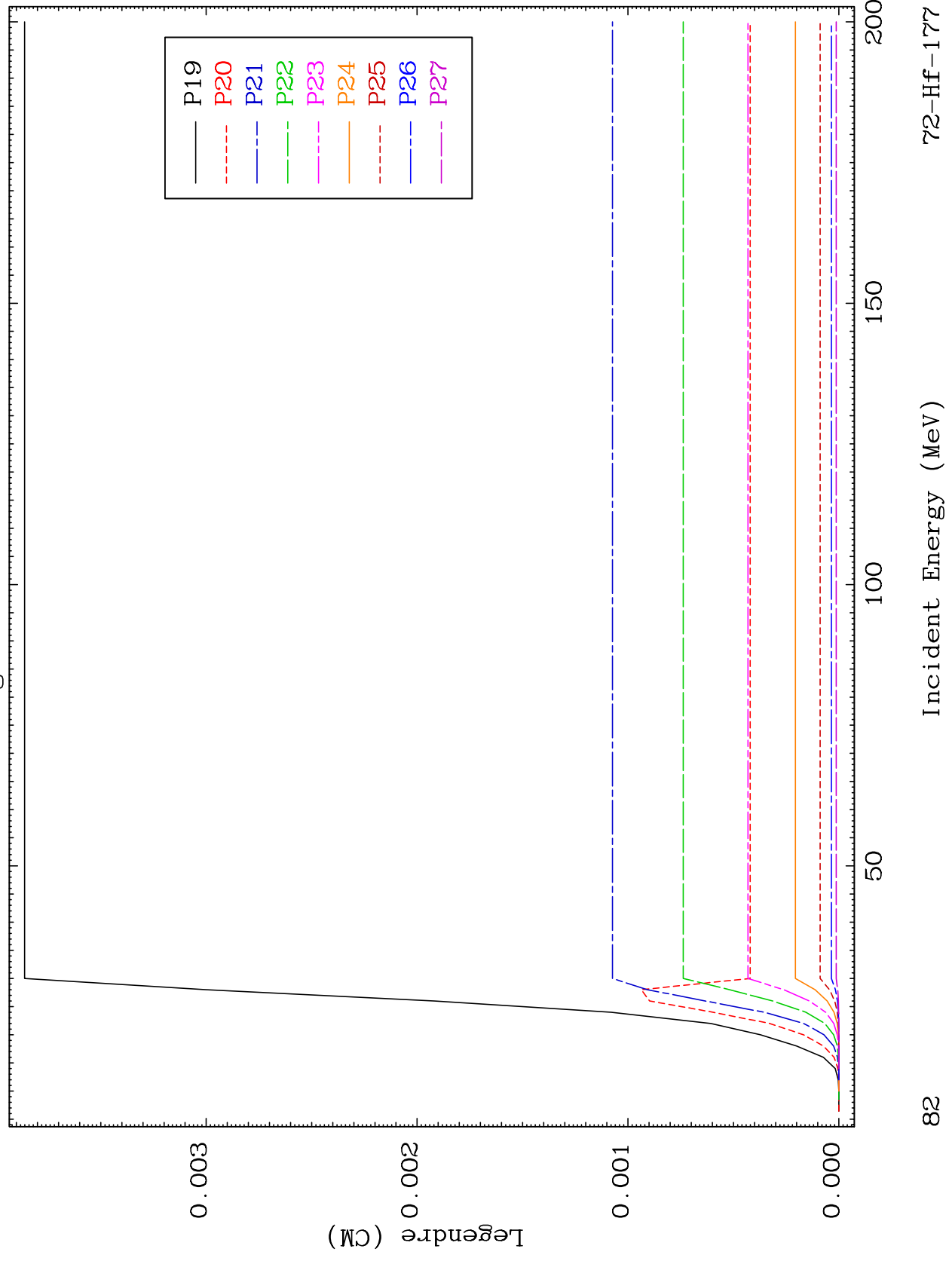
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



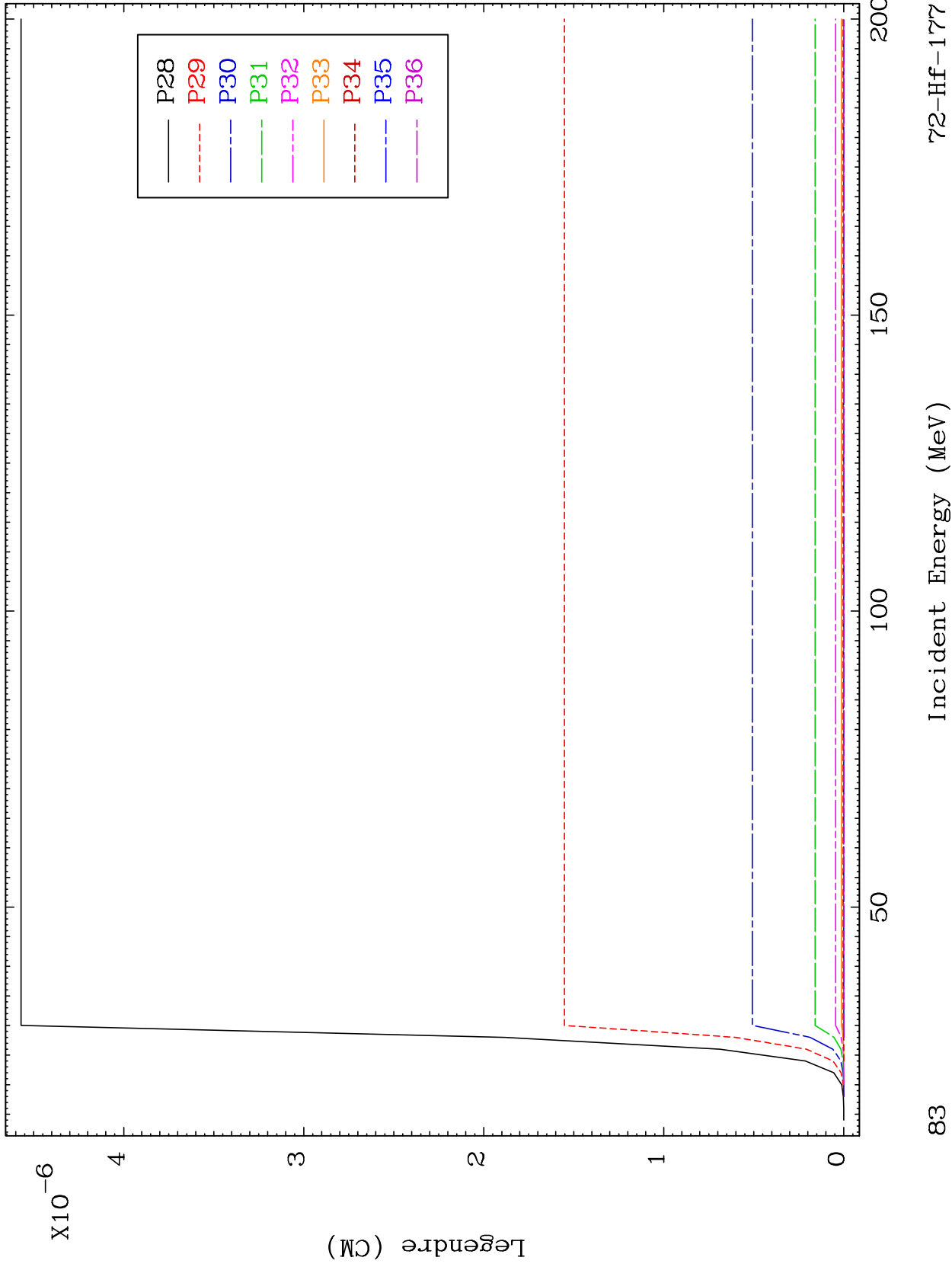
82

72-Hf-177

MAT 7234

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

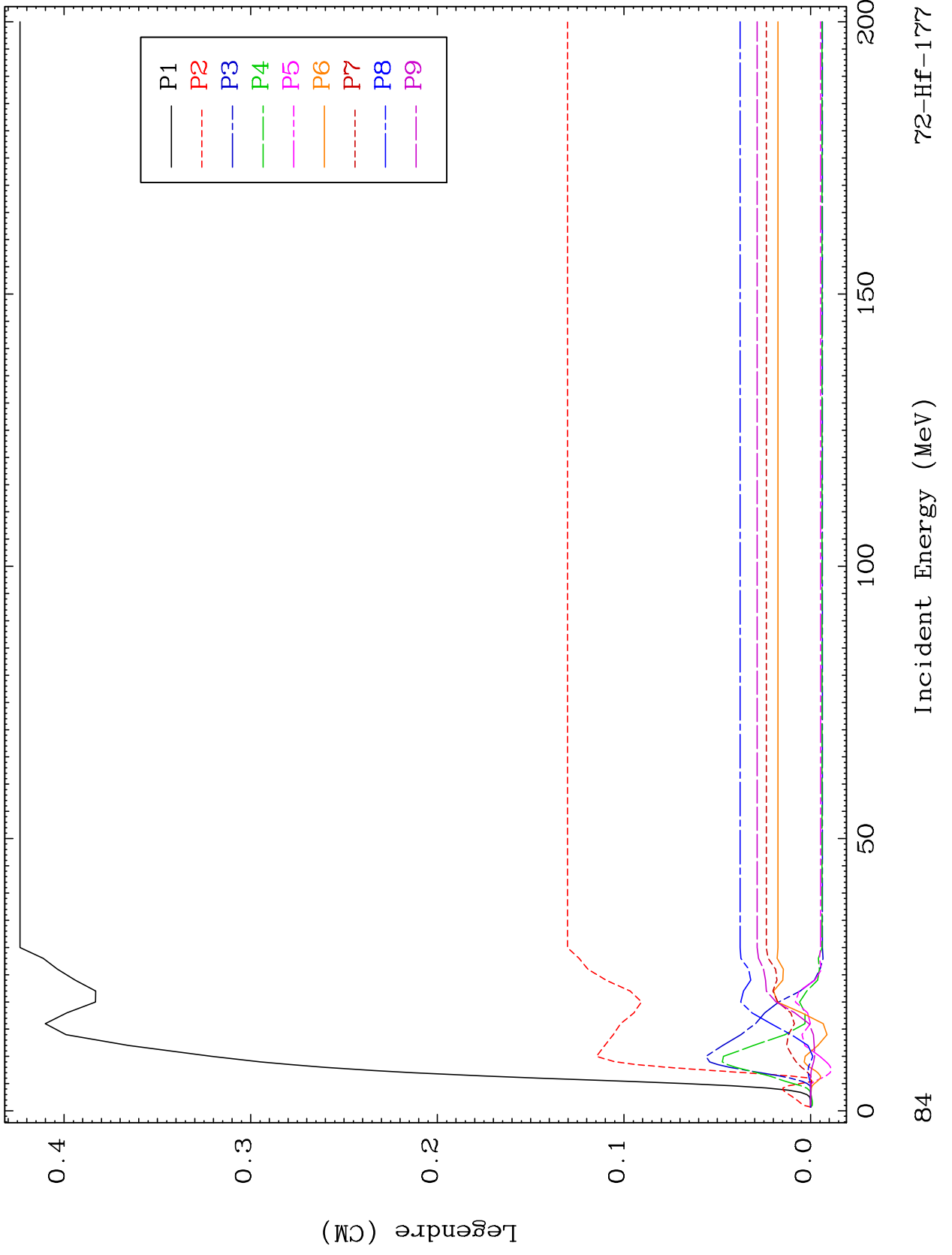
72-Hf-177



MAT 7234

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

72-Hf-177

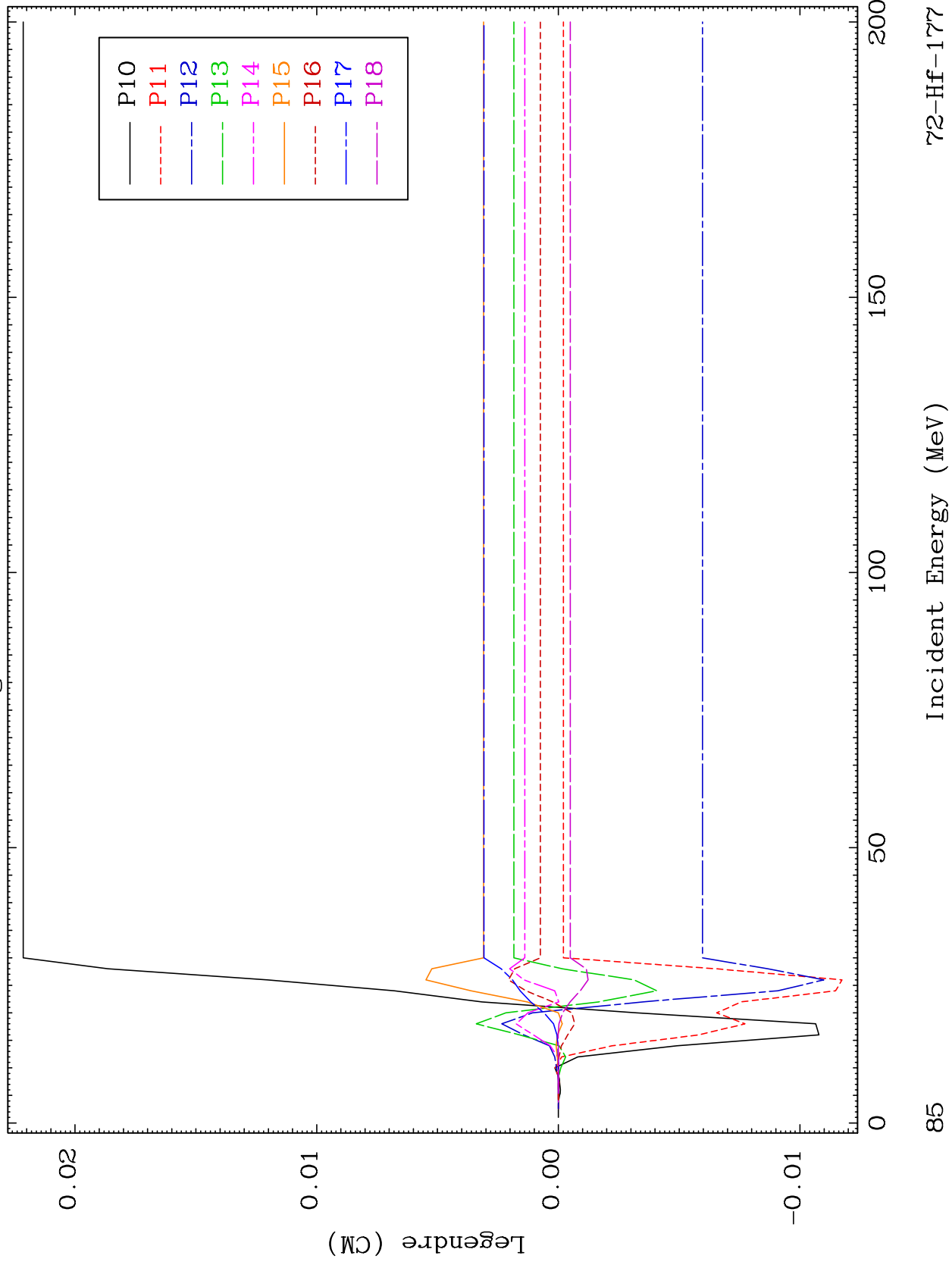


72-Hf-177

MAT 7234

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

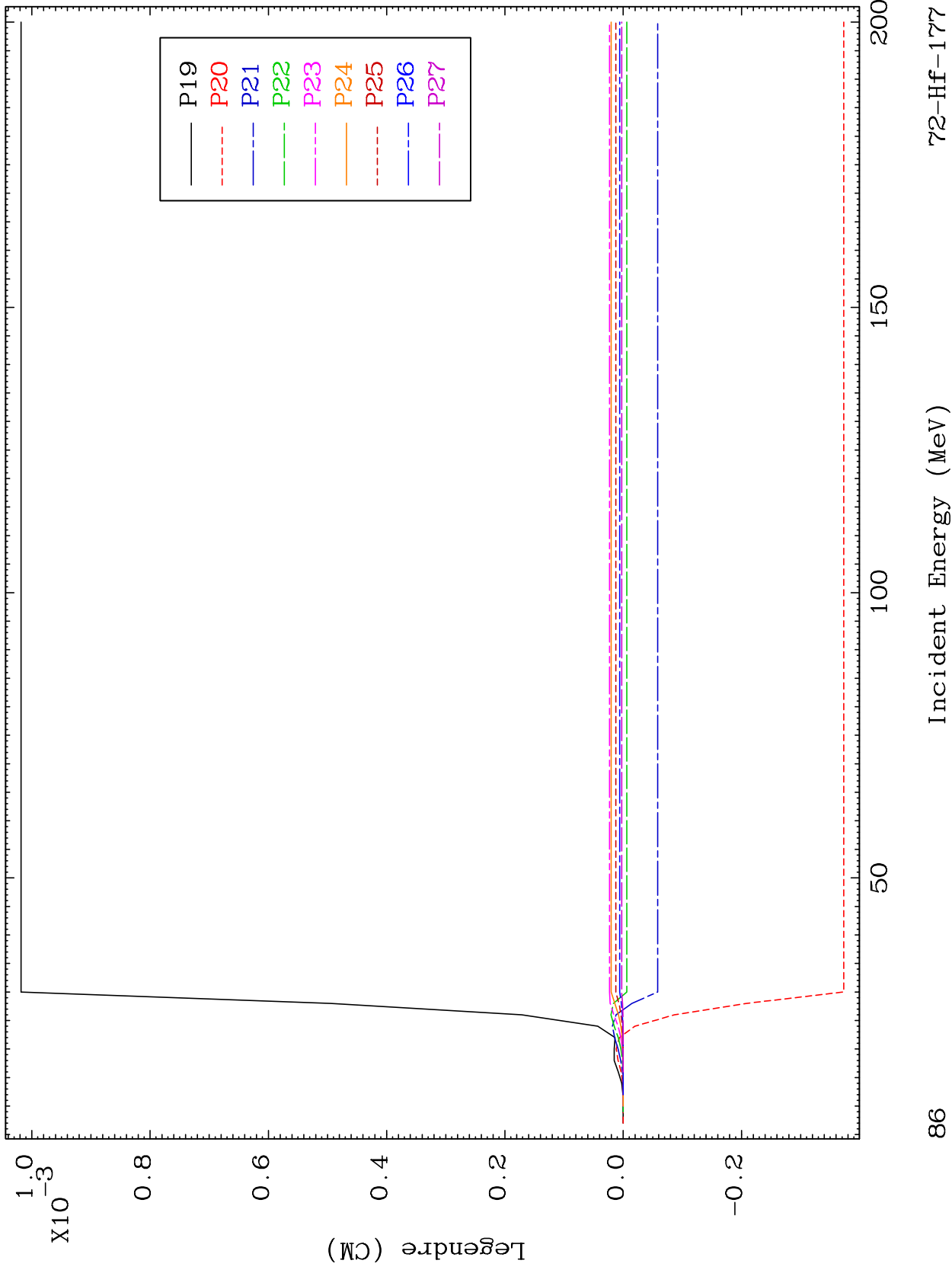
72-Hf-177



72-Hf-177

Incident Energy (MeV)

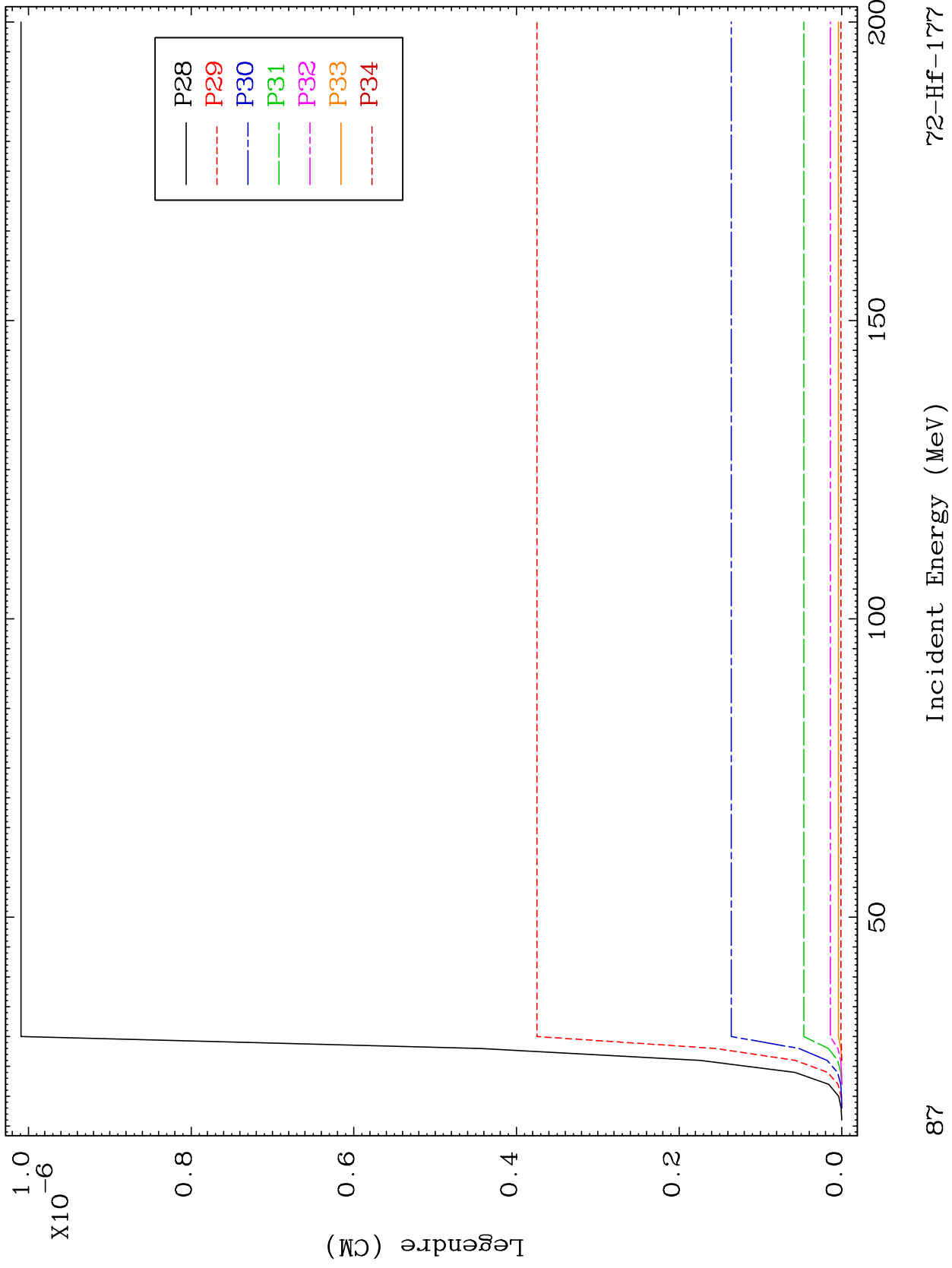
85



MAT 7234

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

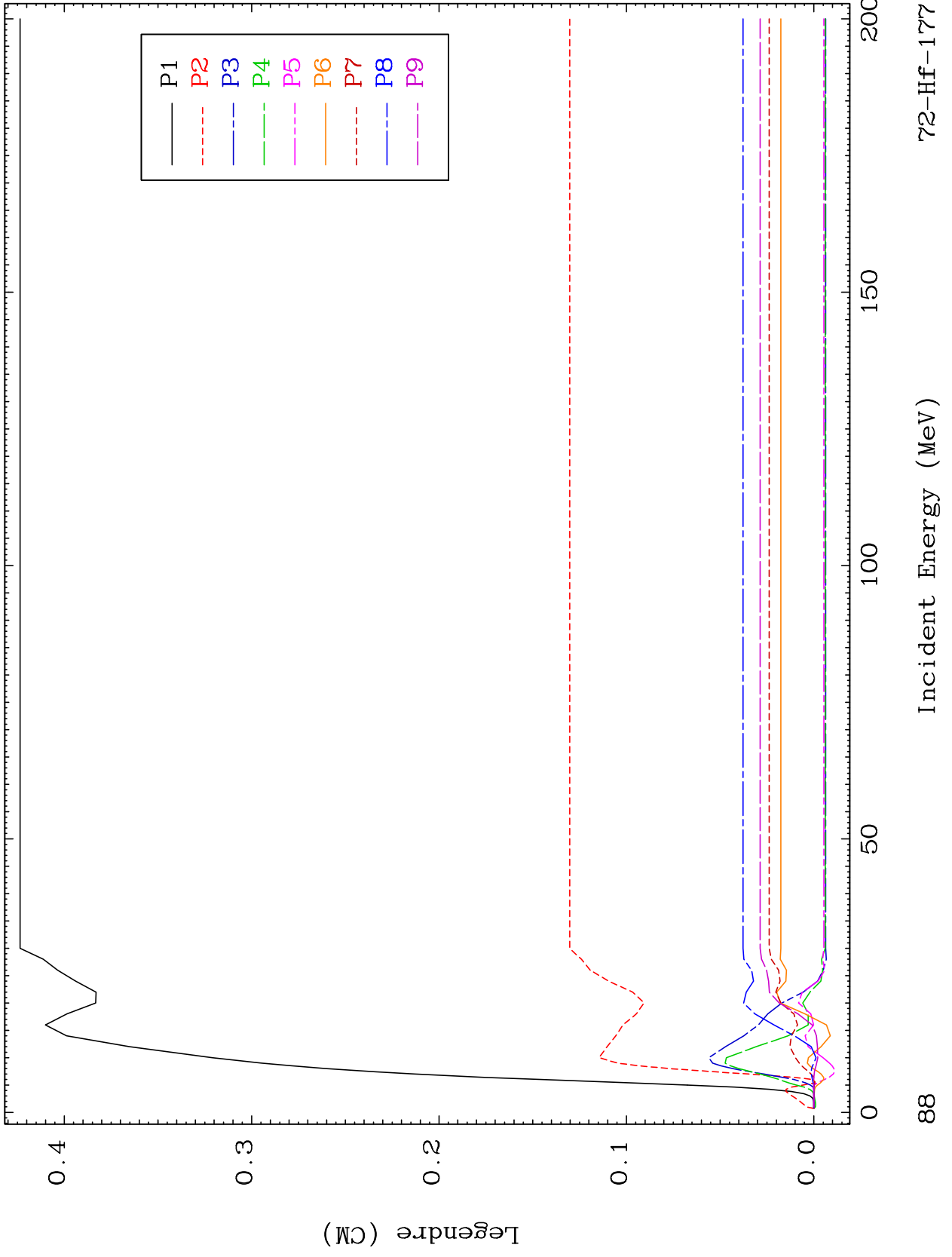
72-Hf-177



MAT 7234

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

72-Hf-177



72-Hf-177

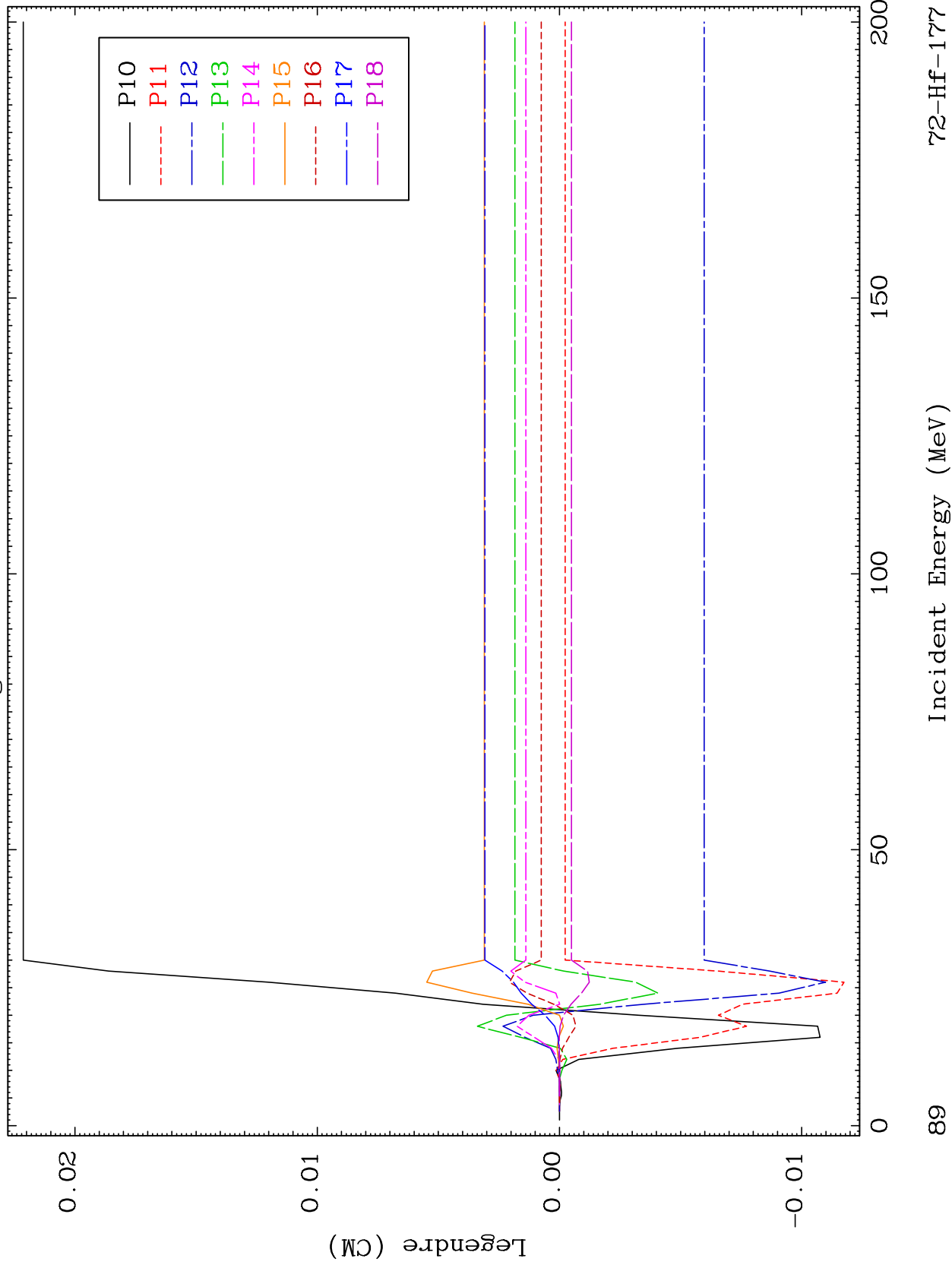
Incident Energy (MeV)

88

MAT 7234

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

72-Hf-177



89

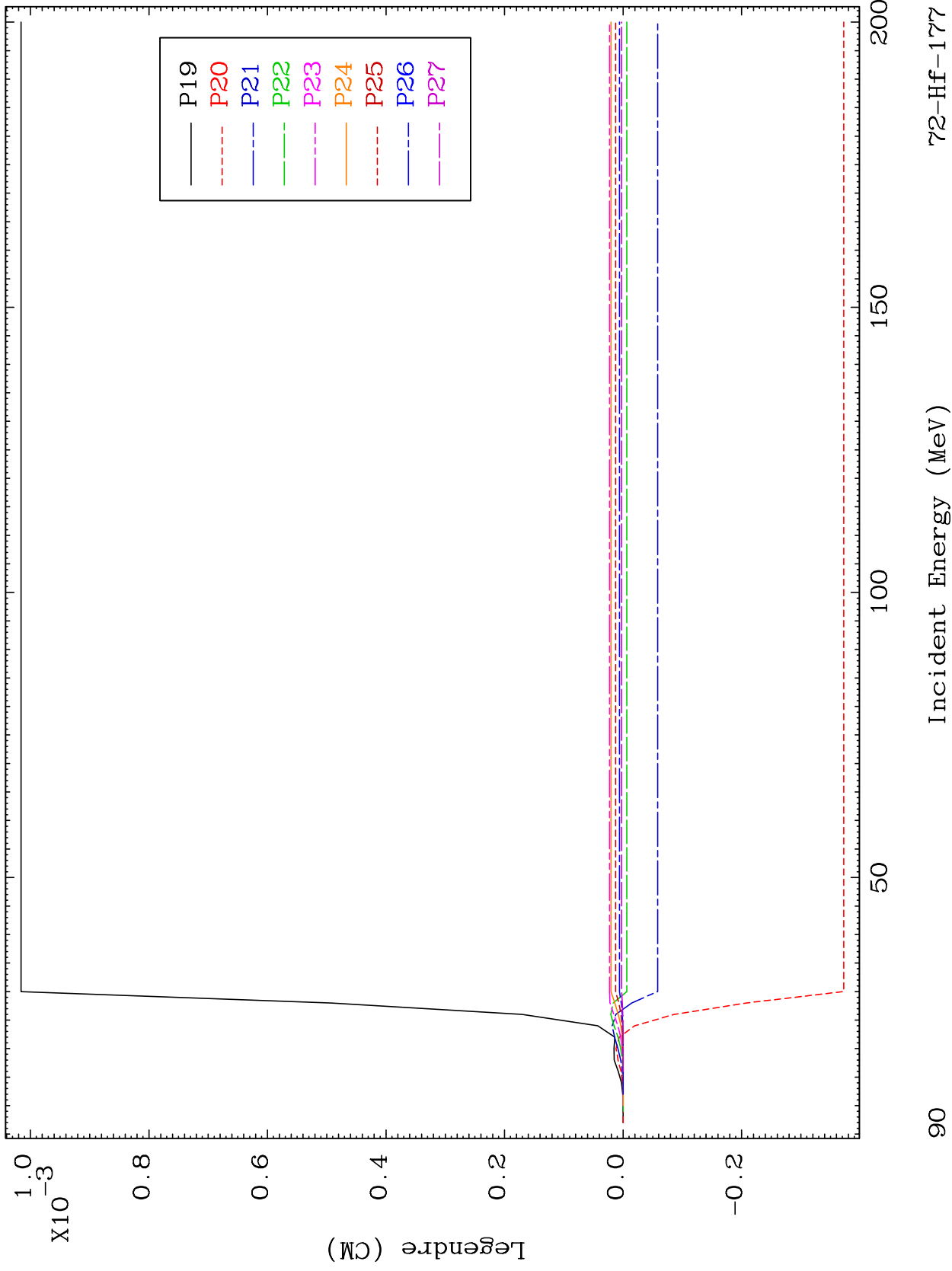
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

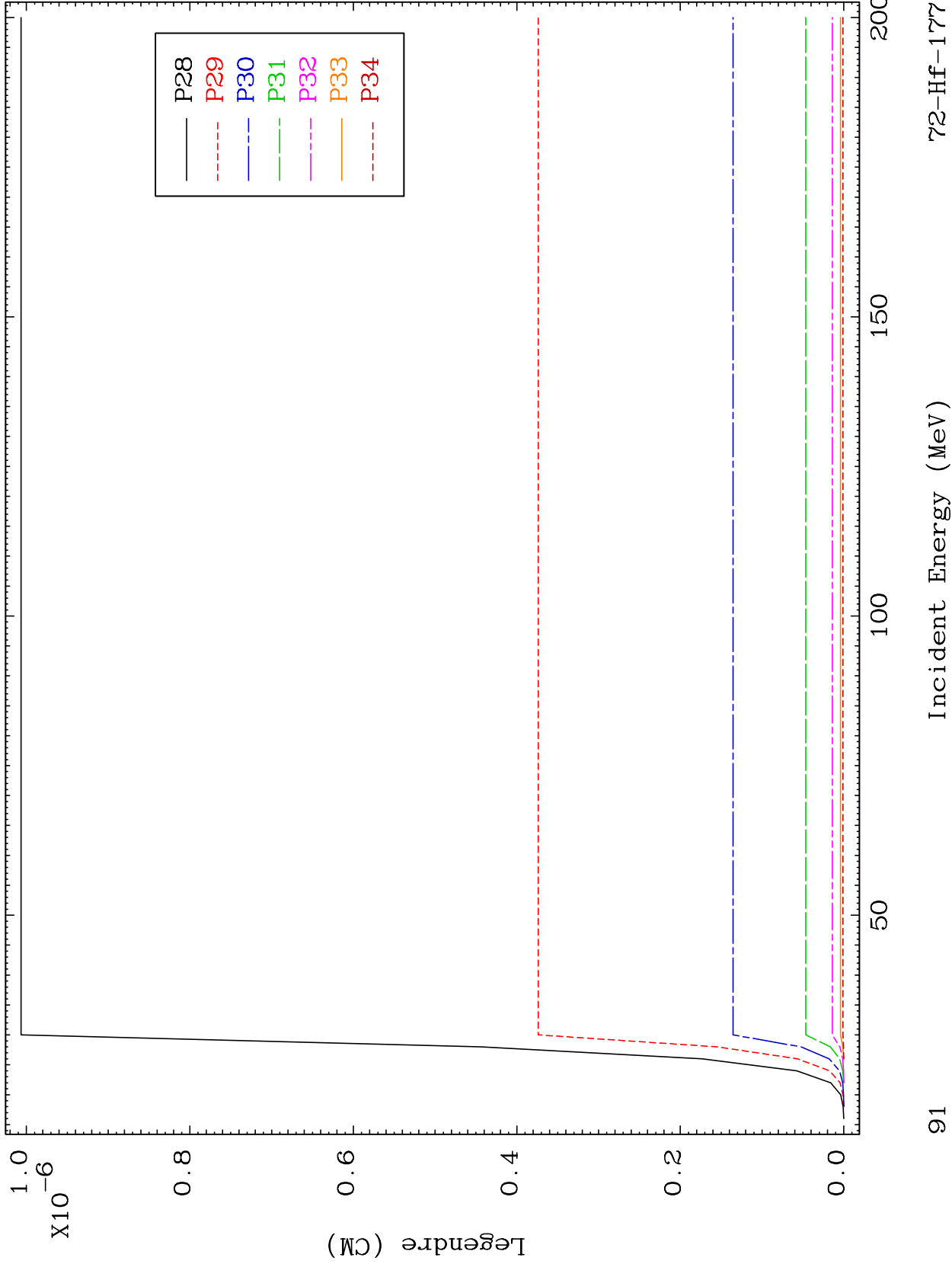
72-Hf-177



90

Incident Energy (MeV)

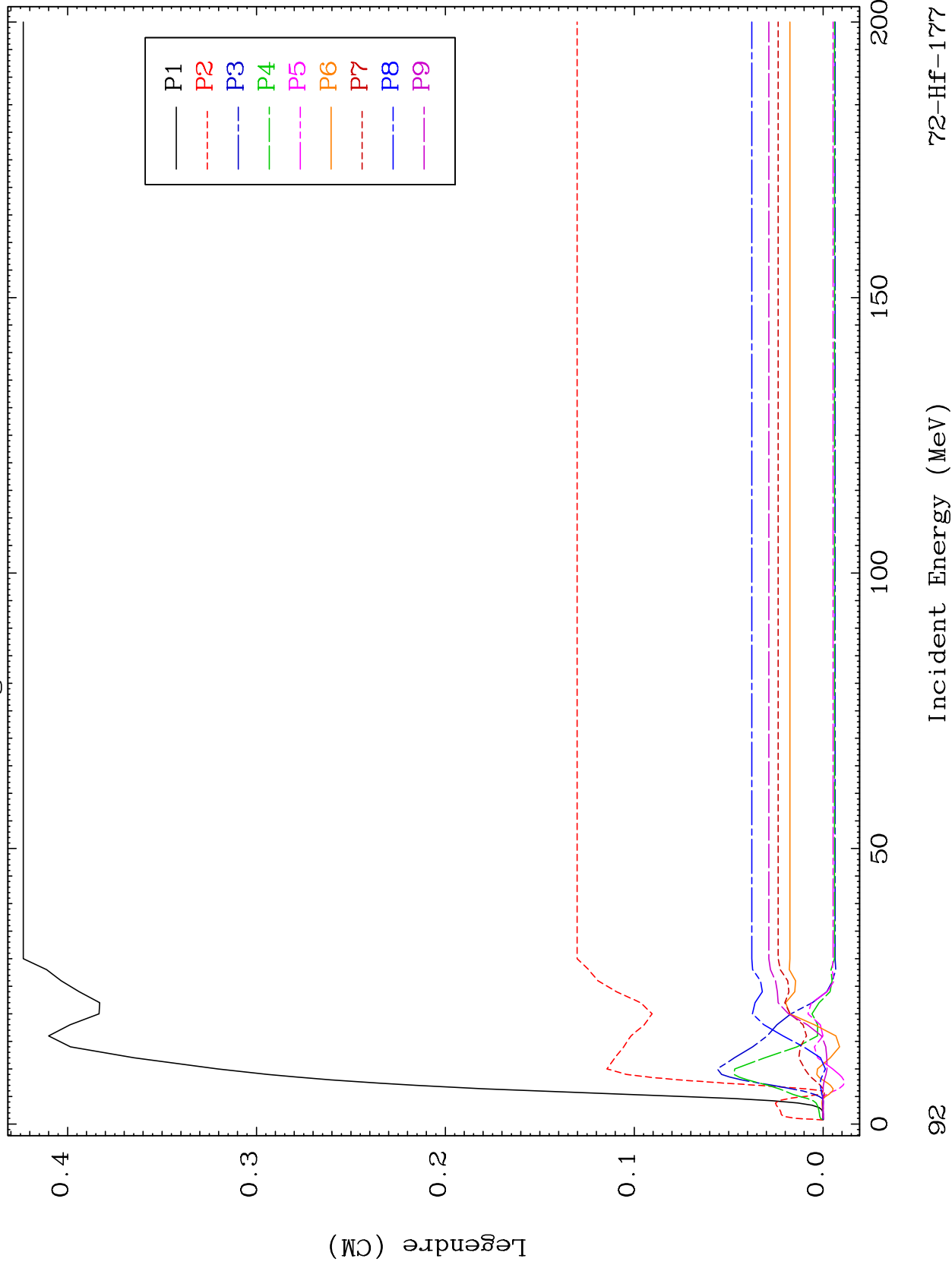
72-Hf-177



MAT 7234

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

72-Hf-177



72-Hf-177

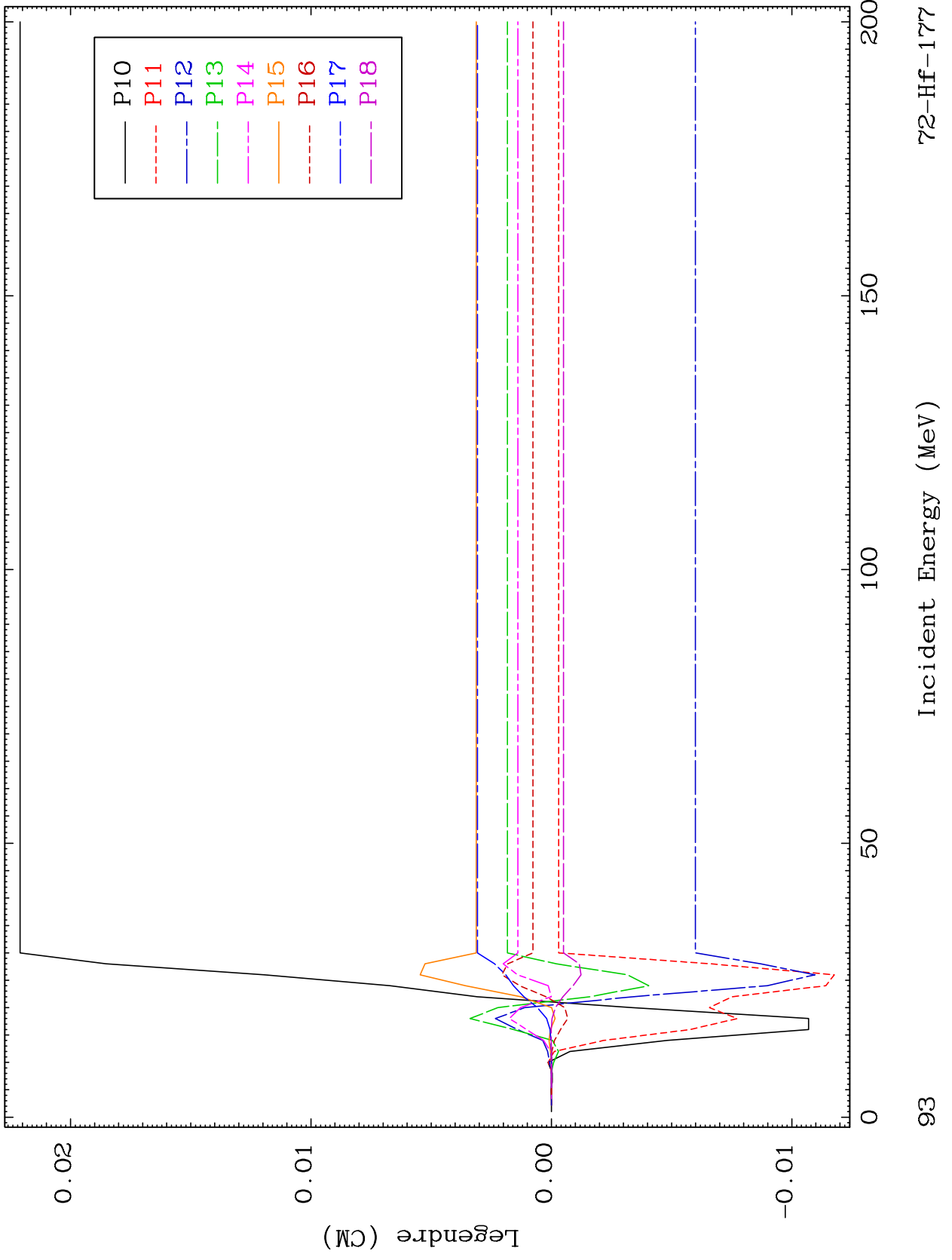
Incident Energy (MeV)

92

MAT 7234

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

72-Hf-177



93

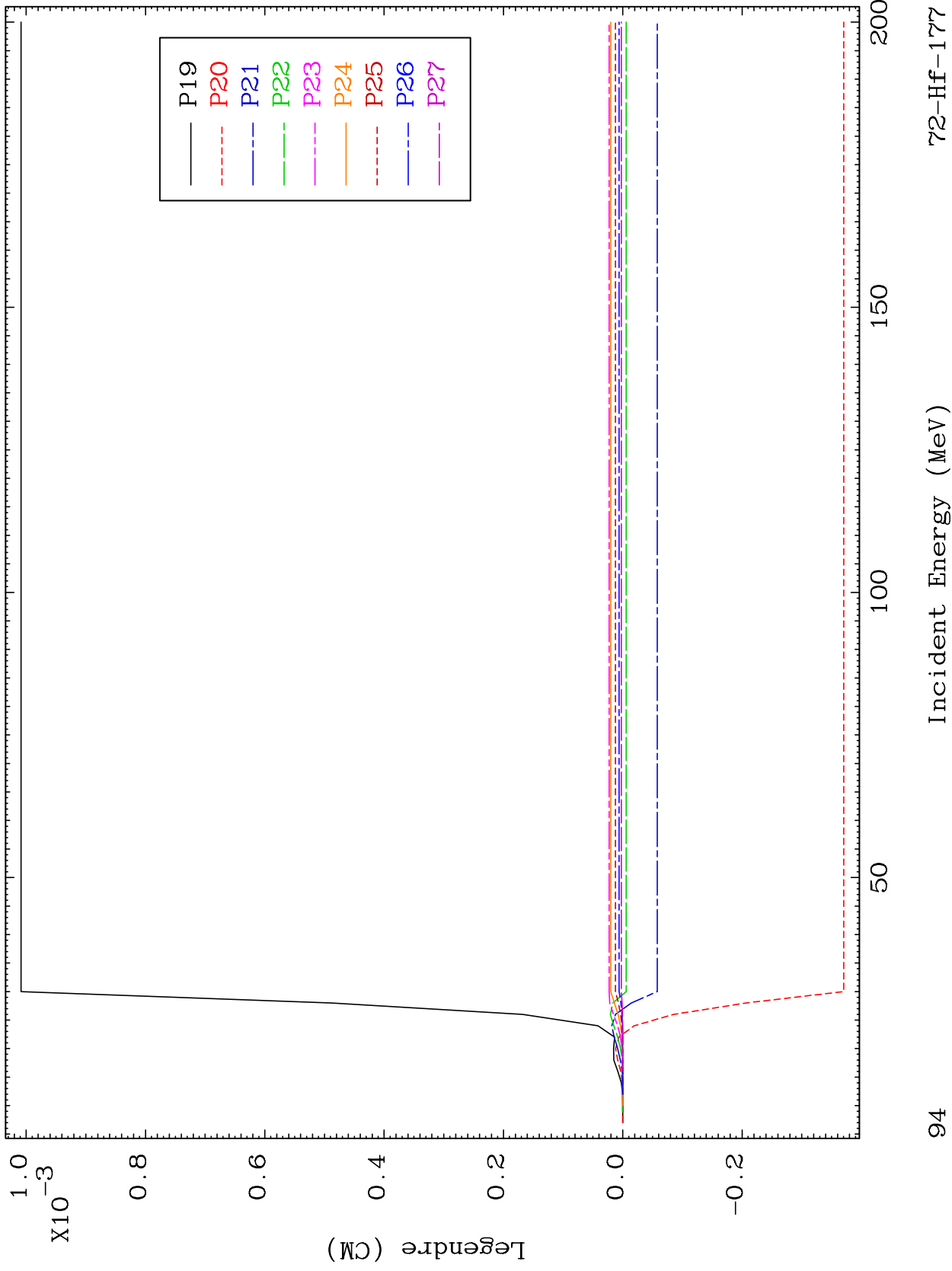
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



94

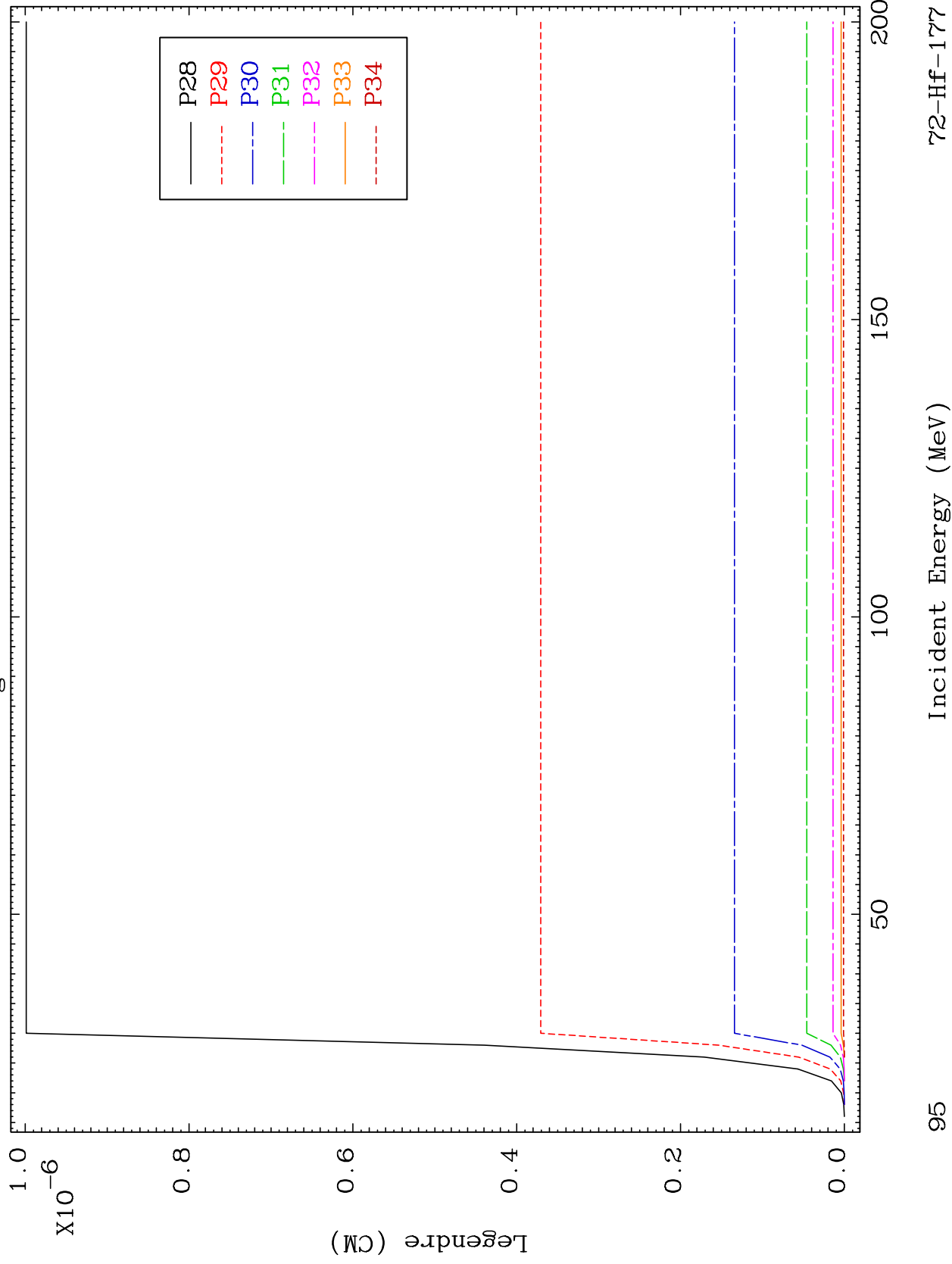
Incident Energy (MeV)

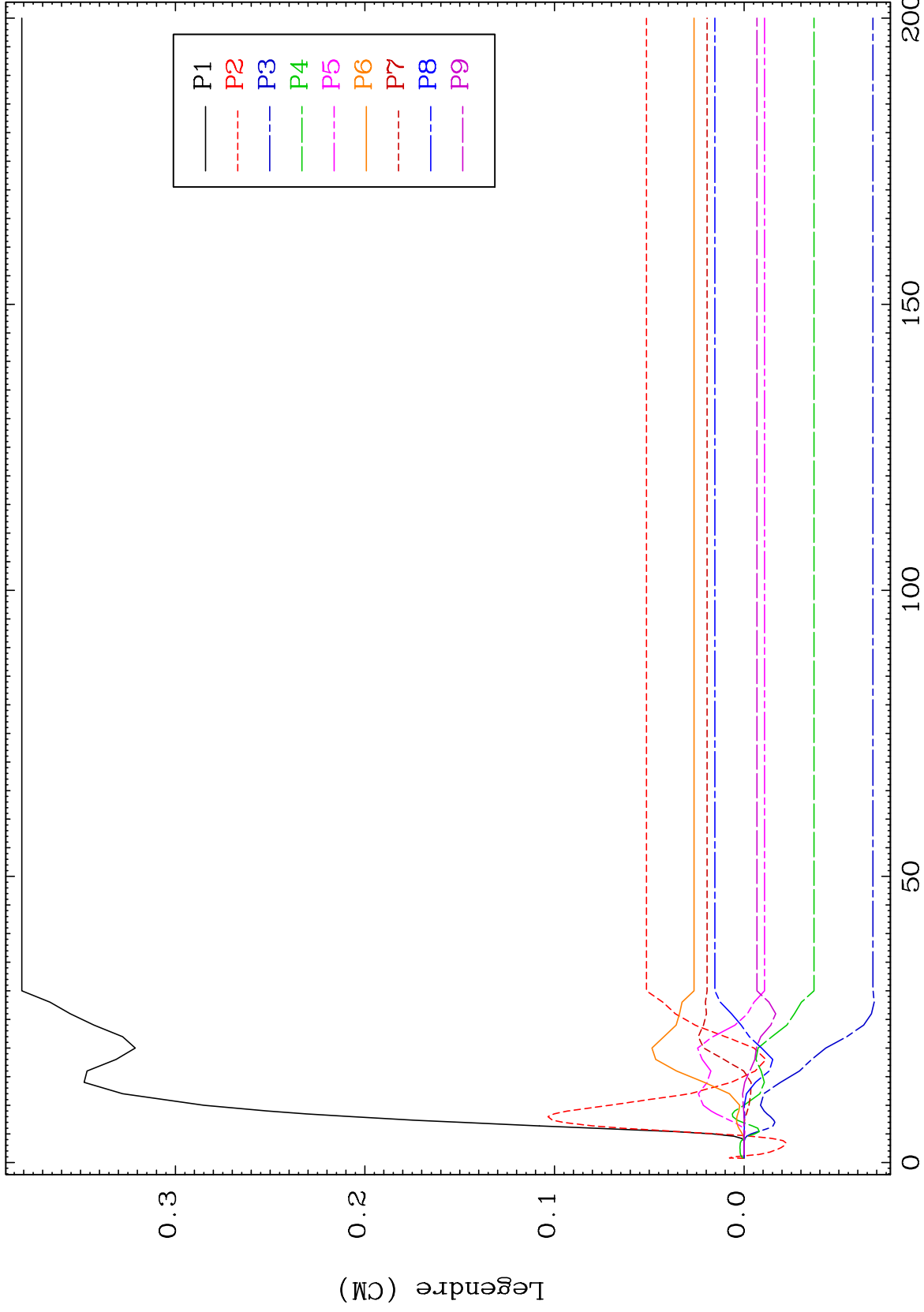
72-Hf-177

MAT 7234

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

72-Hf-177

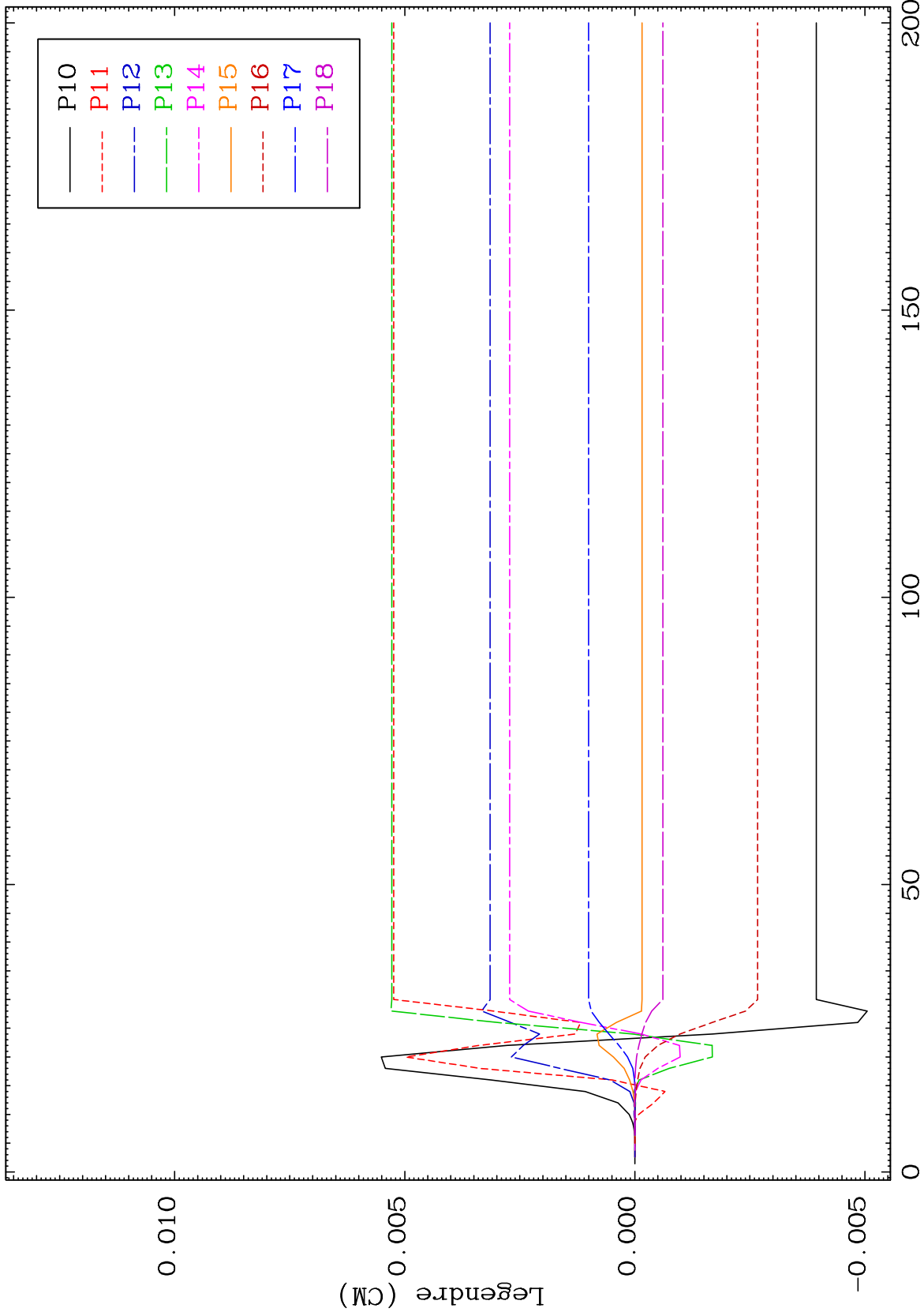




MAT 7234

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

72-Hf-177



97

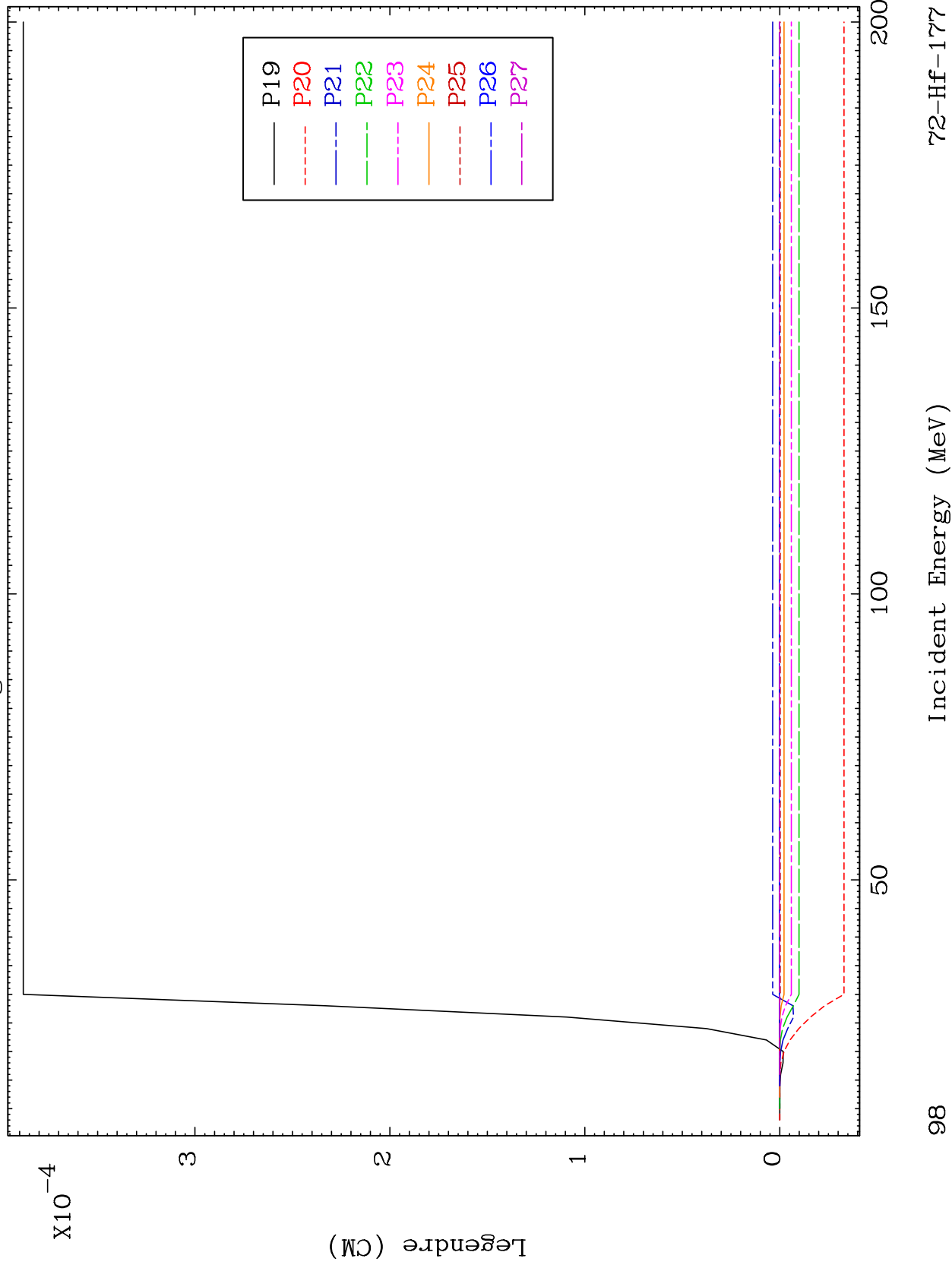
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



98

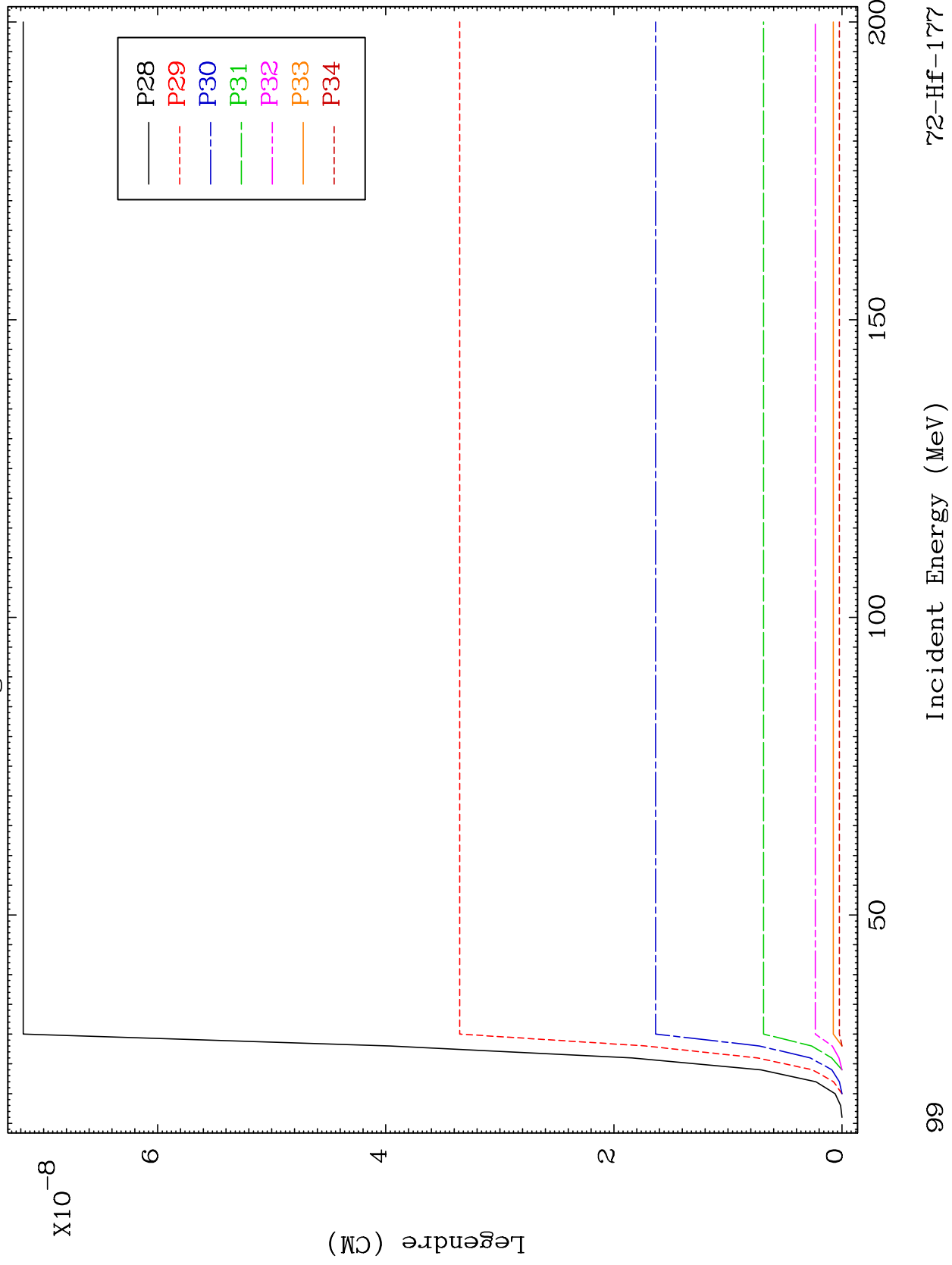
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



99

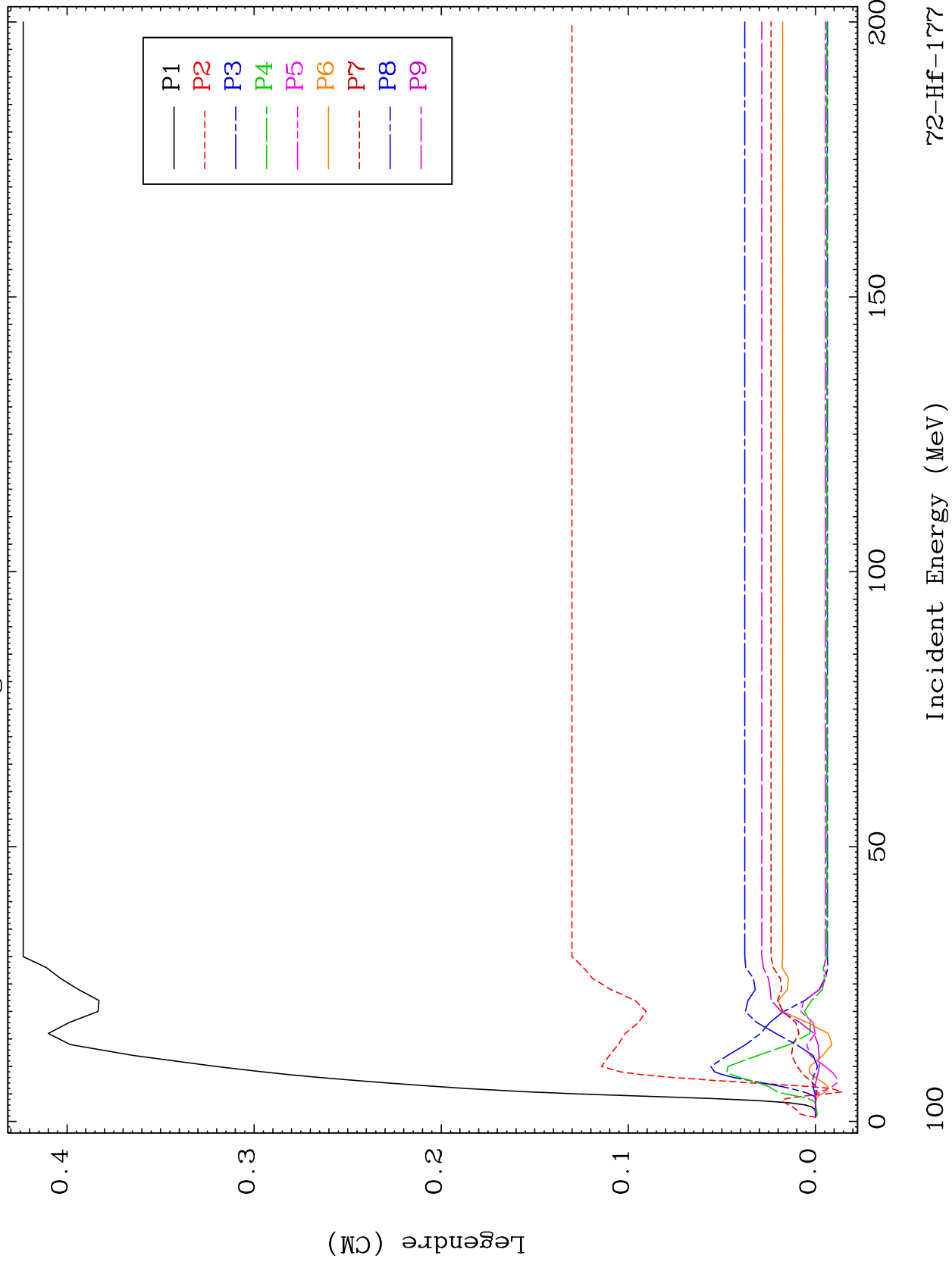
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177

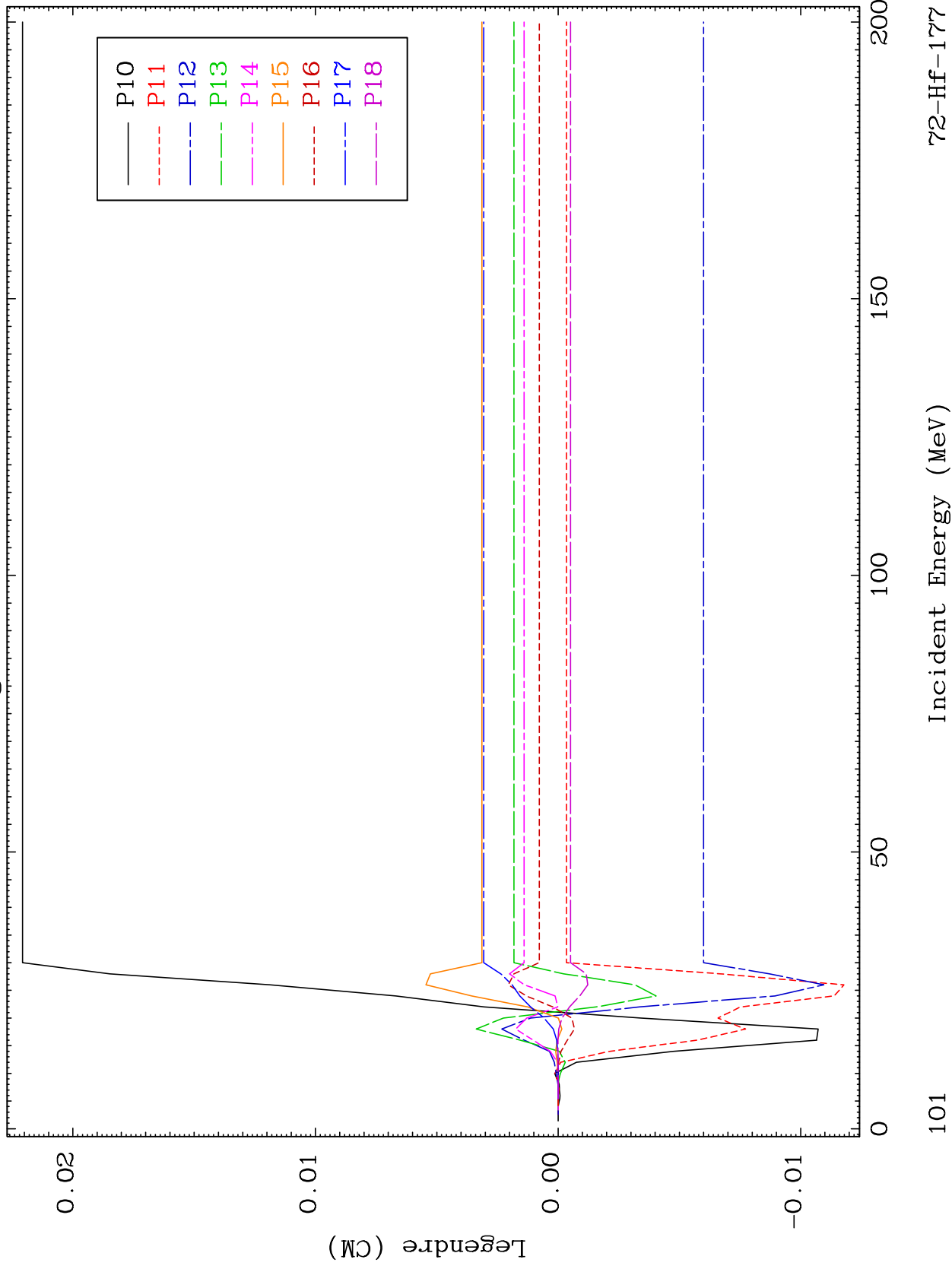


72-Hf-177

MAT 7234

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

72-Hf-177



72-Hf-177

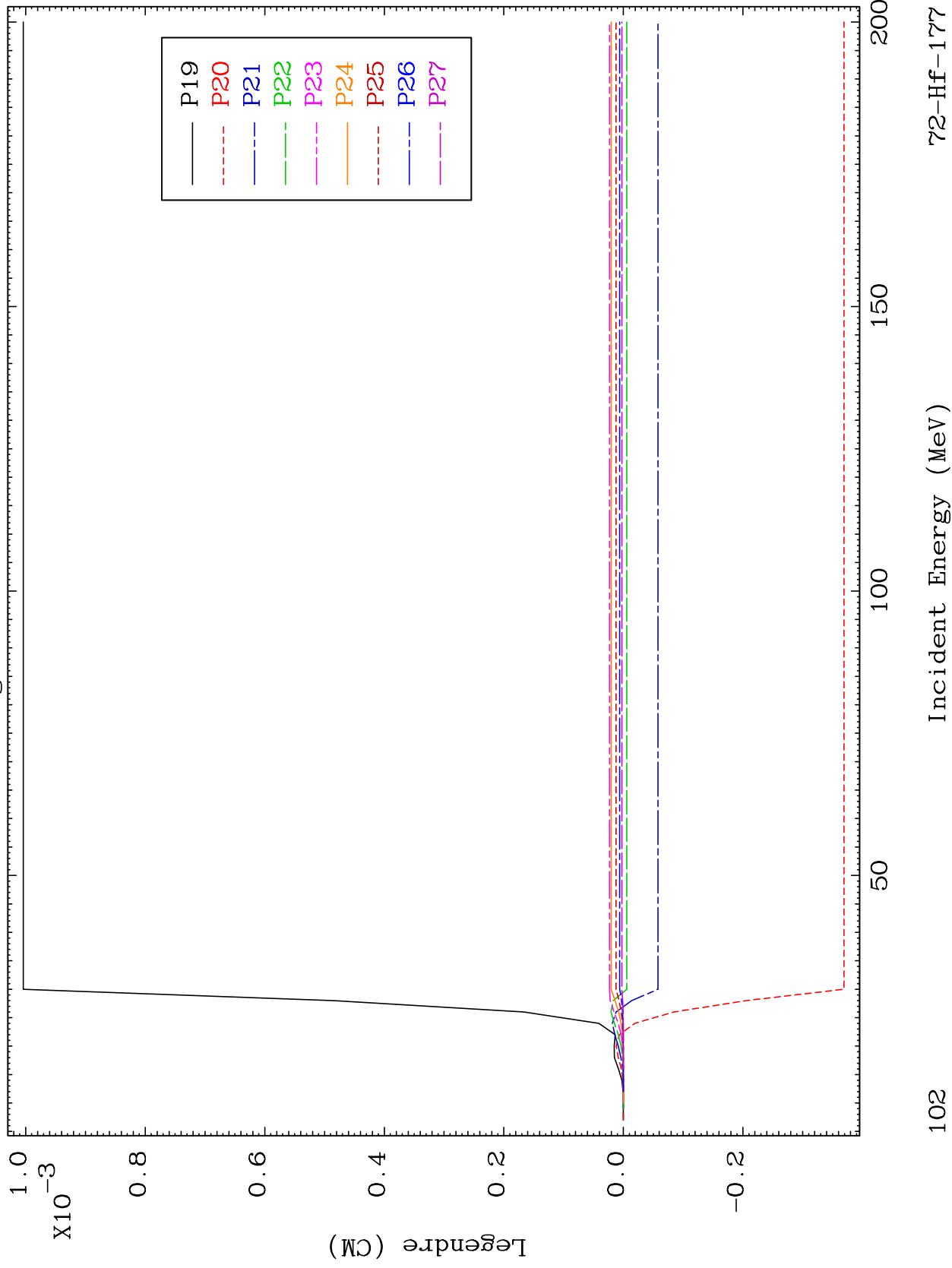
Incident Energy (MeV)

101

MAT 7234

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

72-Hf-177



102

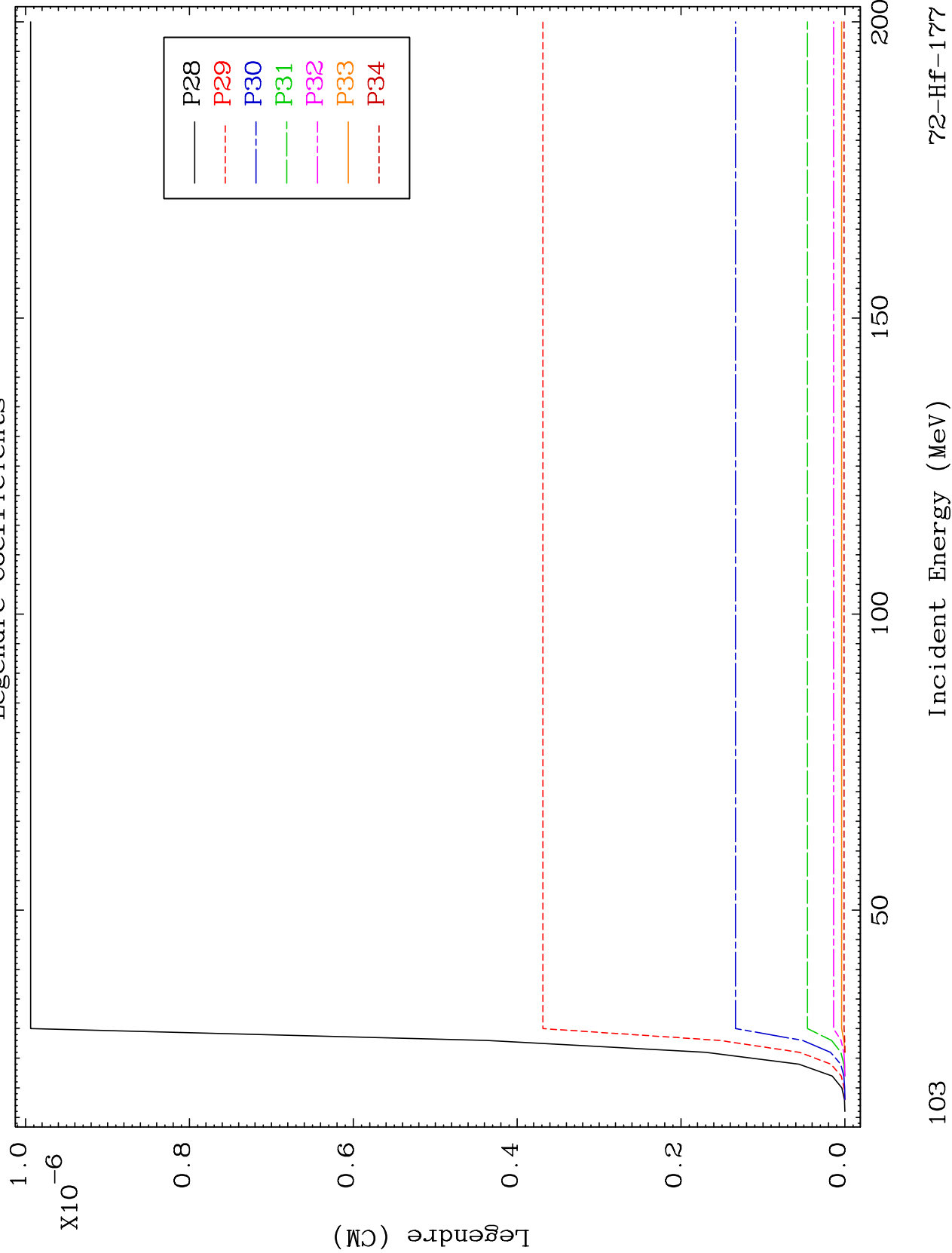
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



103

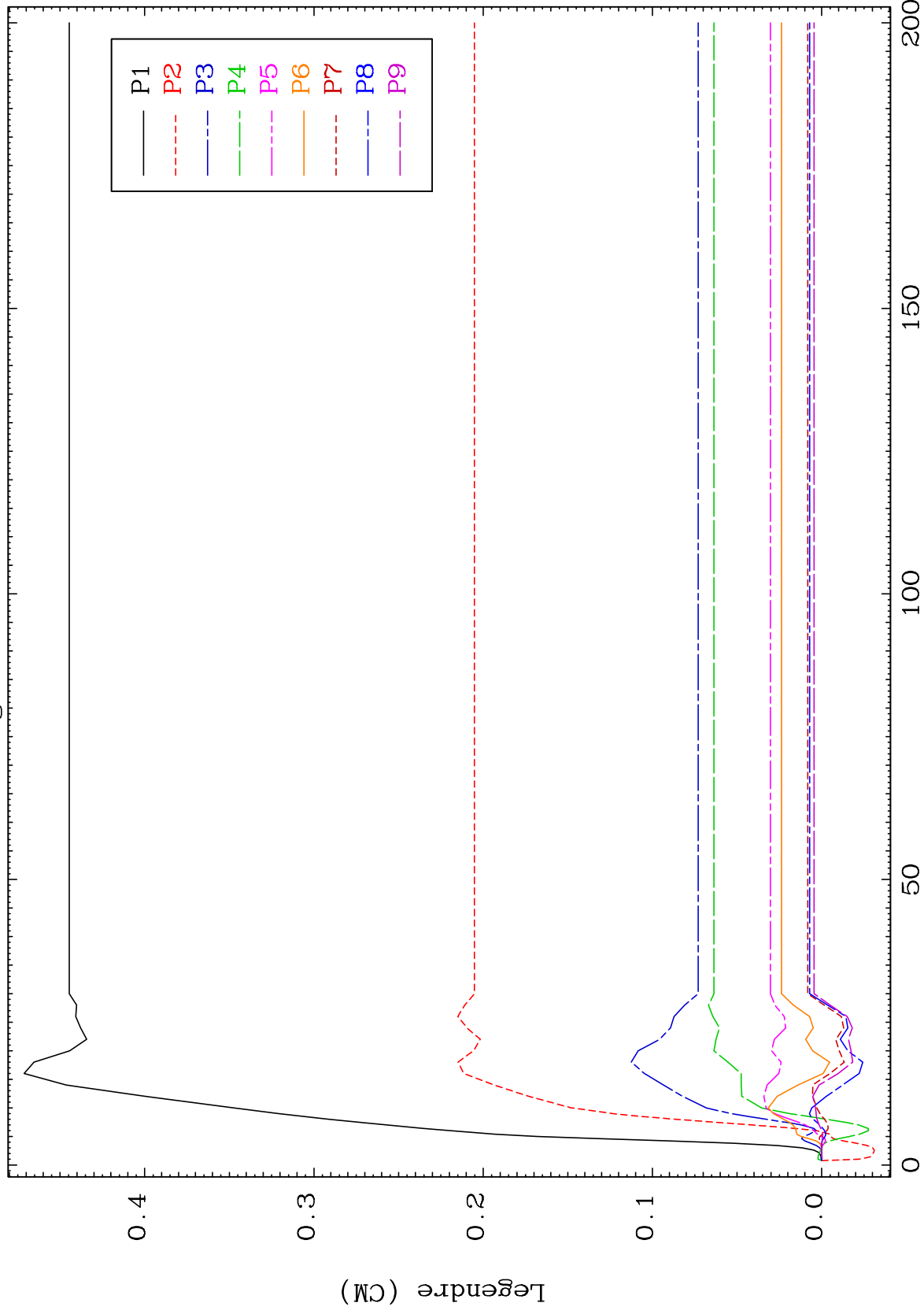
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



72-Hf-177

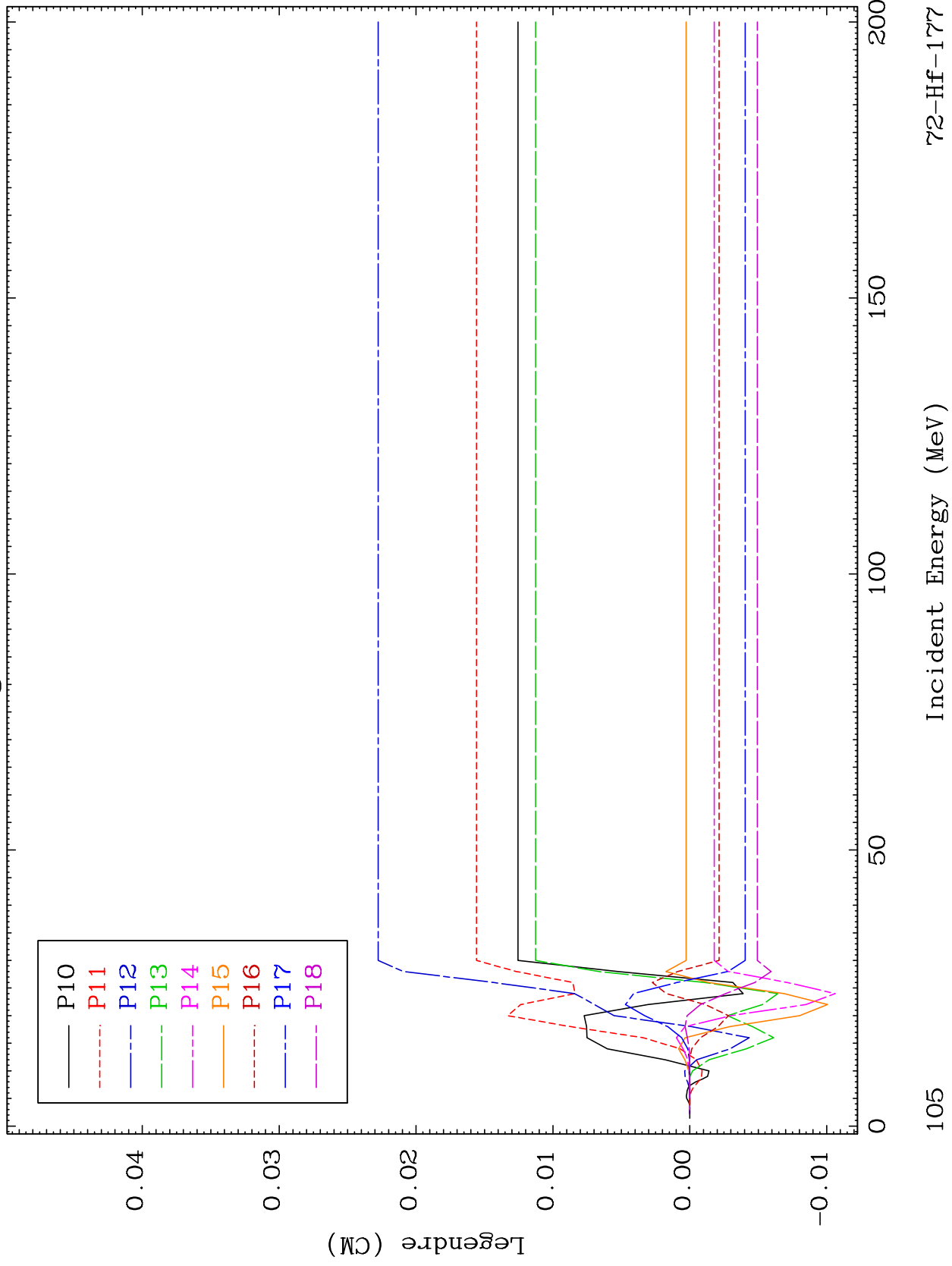
Incident Energy (MeV)

104

MAT 7234

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

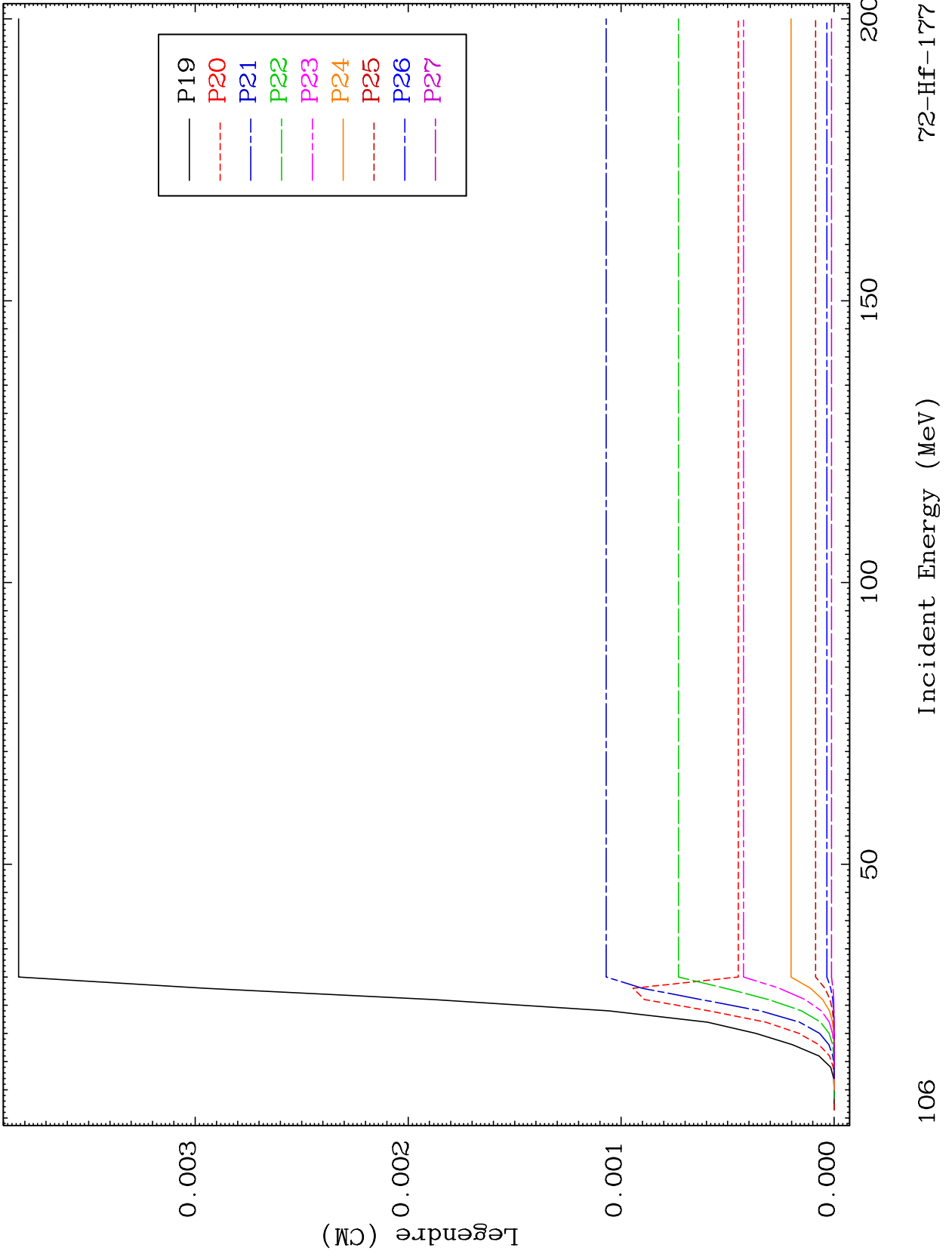
72-Hf-177



MAT 7234

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

72-Hf-177



106

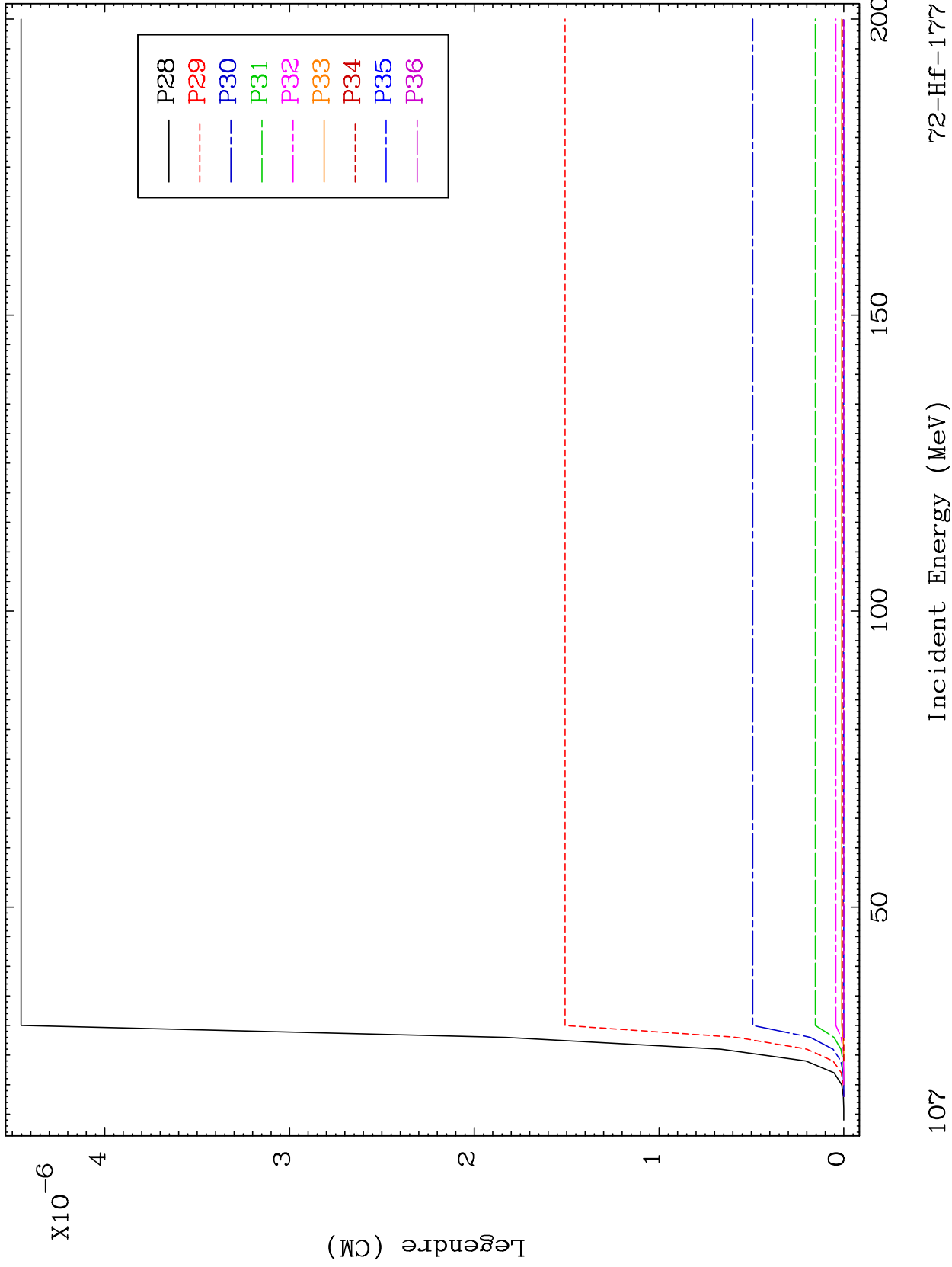
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177

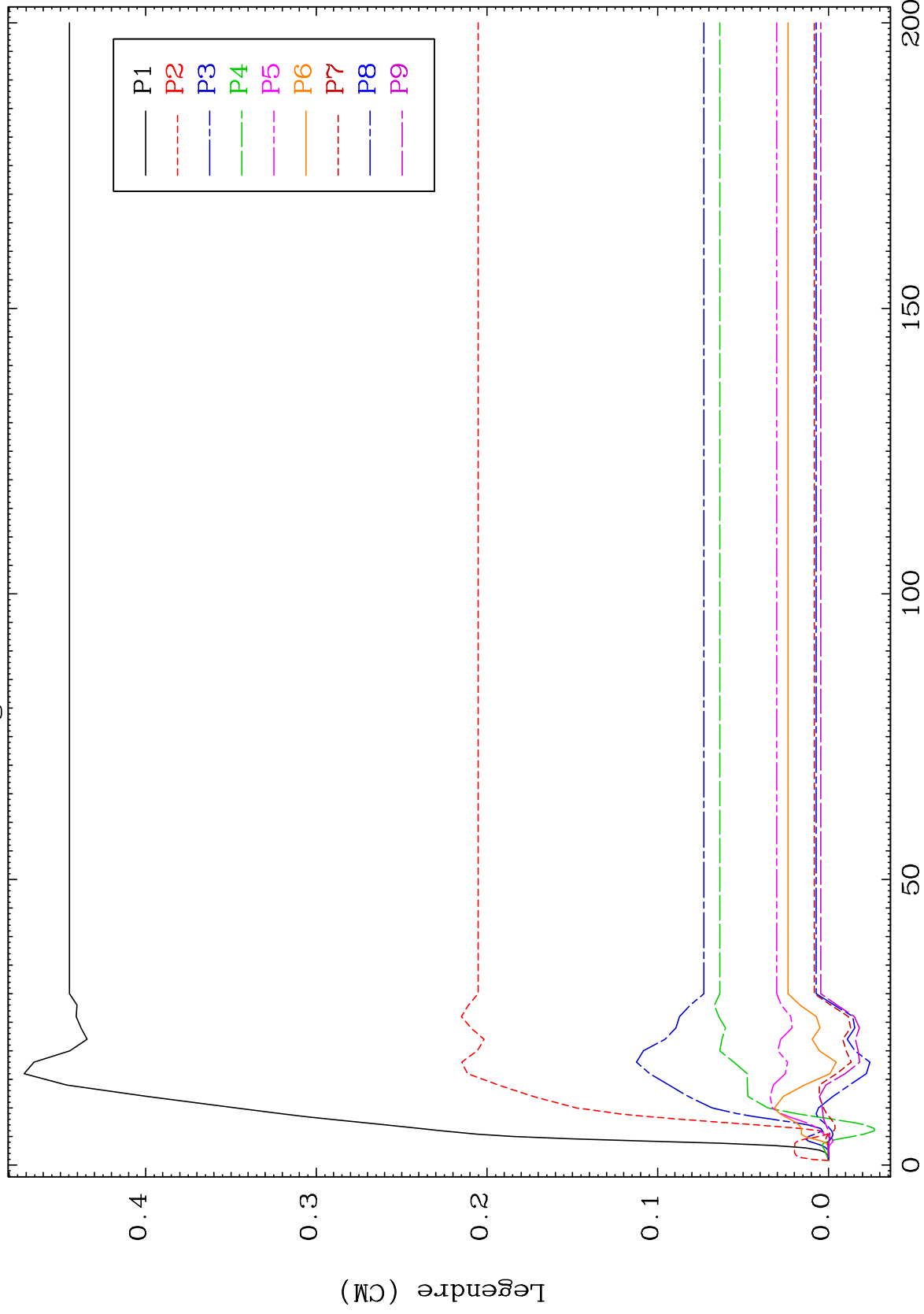


107

MAT 7234

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

72-Hf-177



108

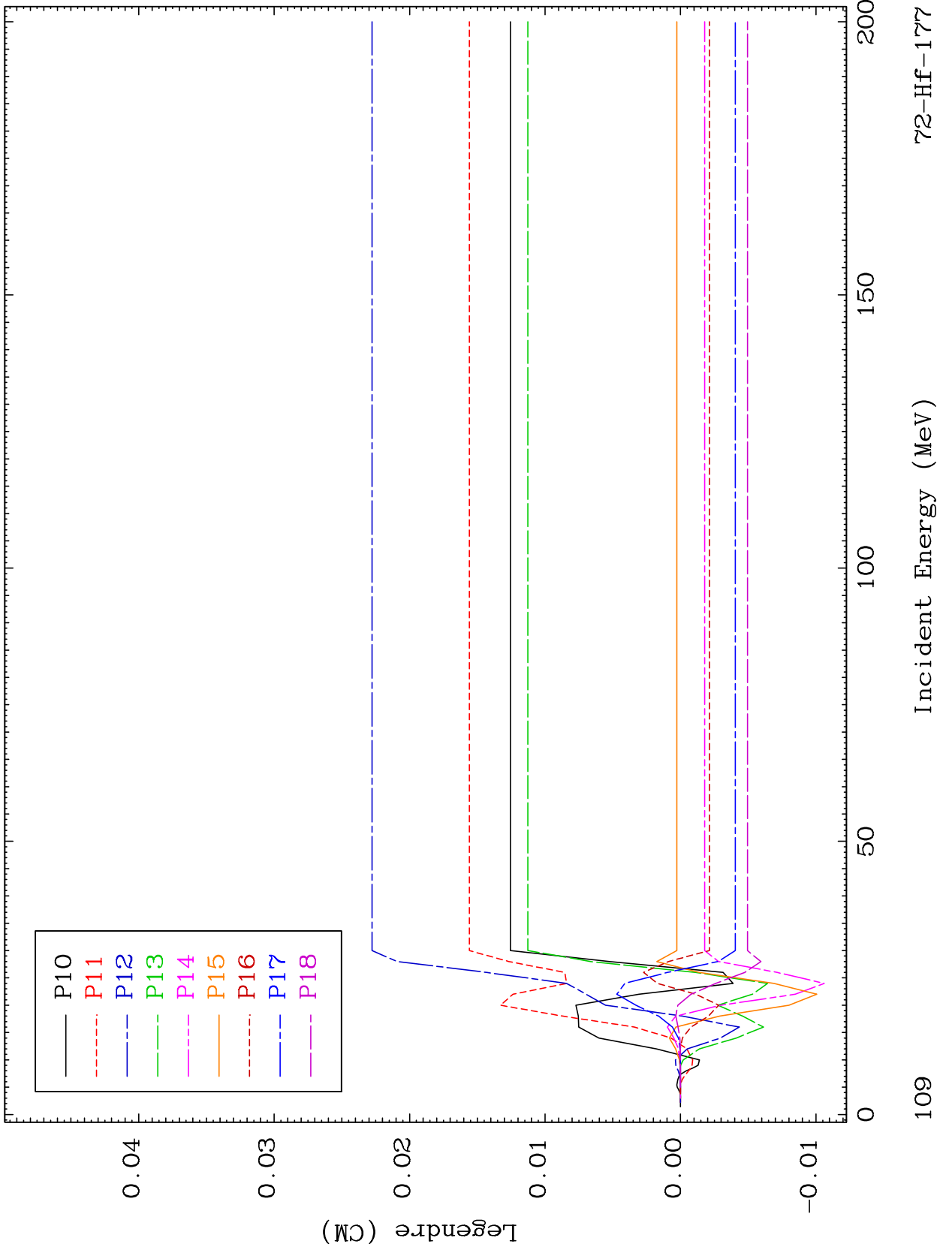
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177

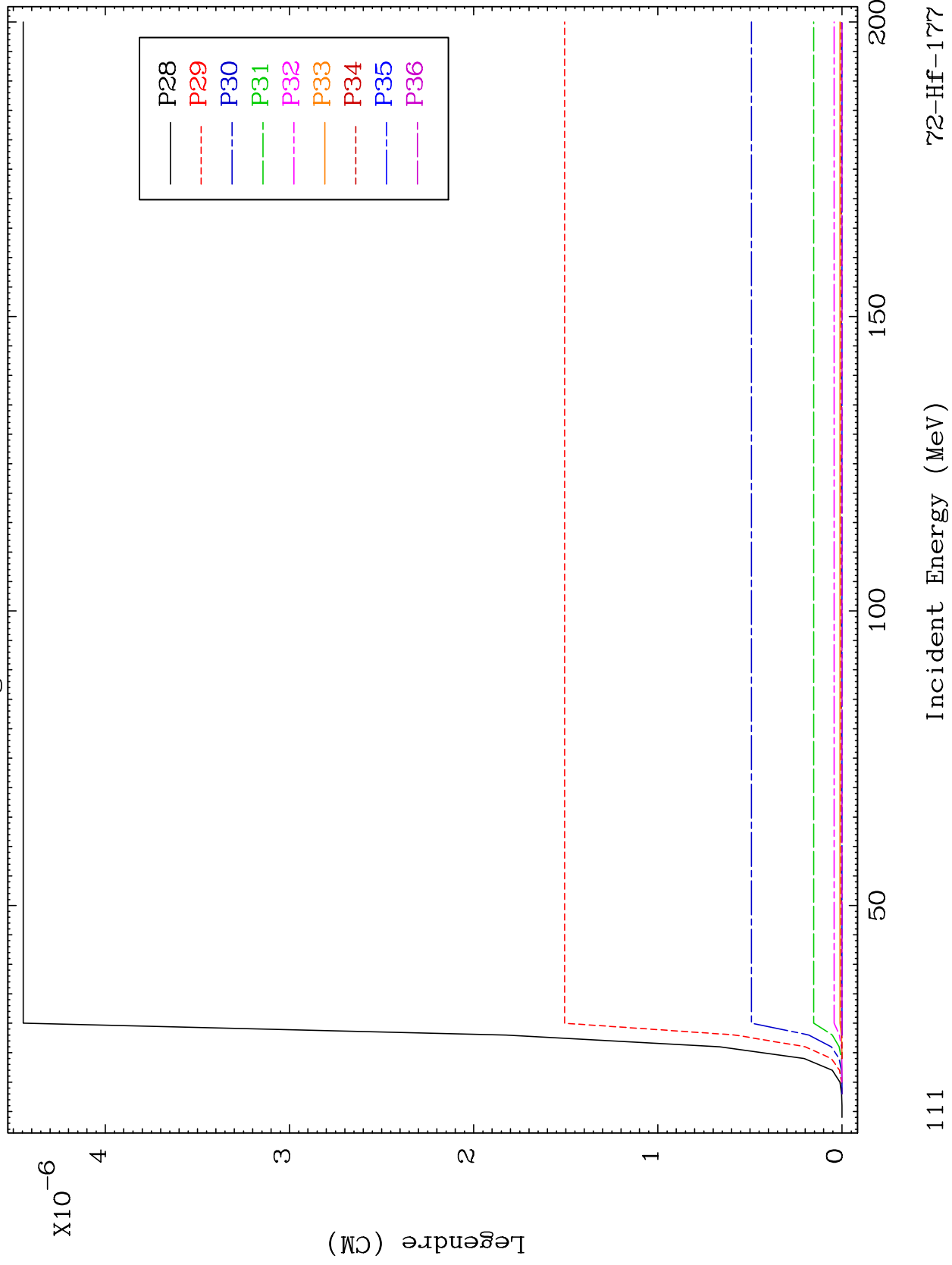




MAT 7234

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

72-Hf-177

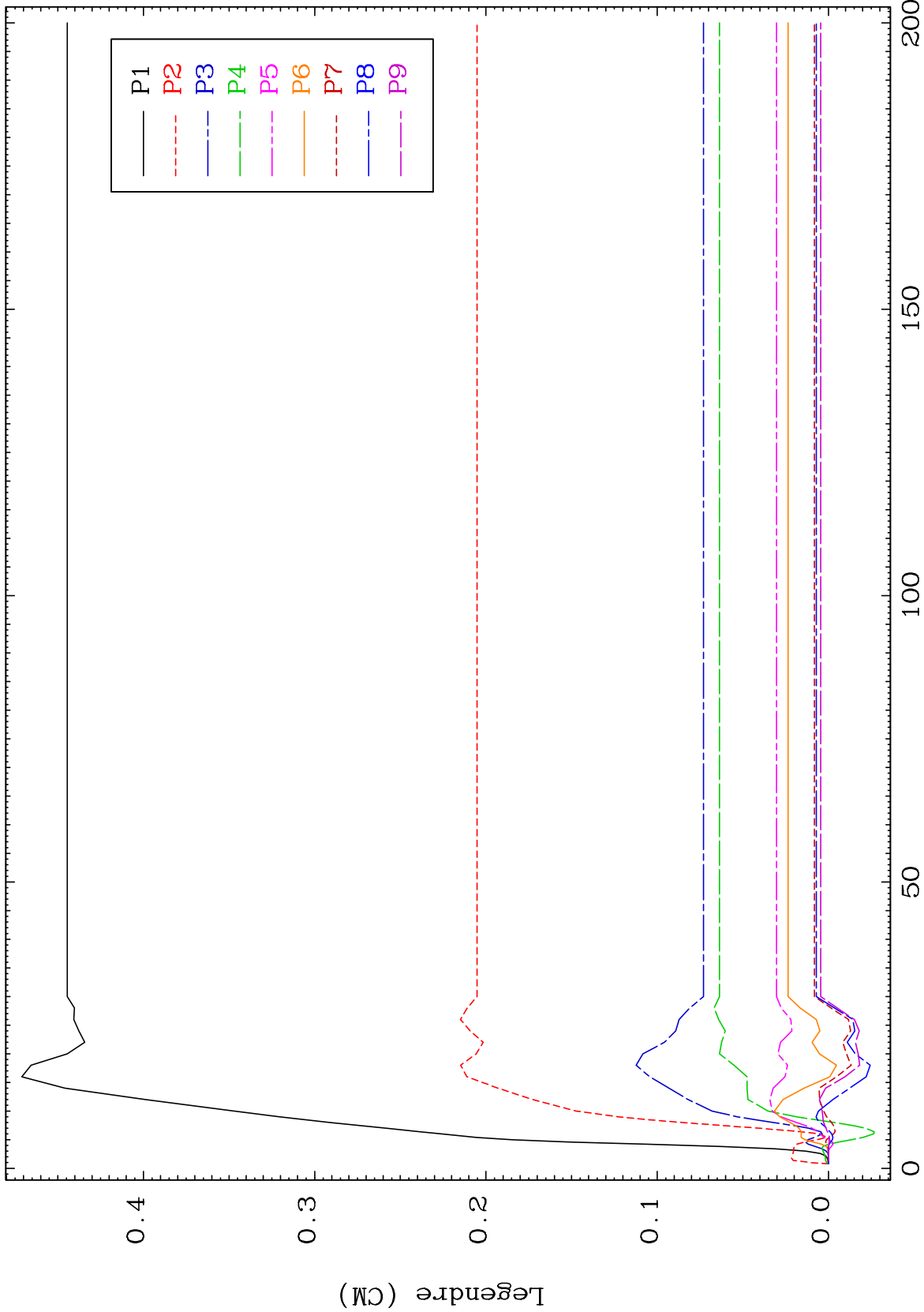


111

MAT 7234

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

72-Hf-177



112

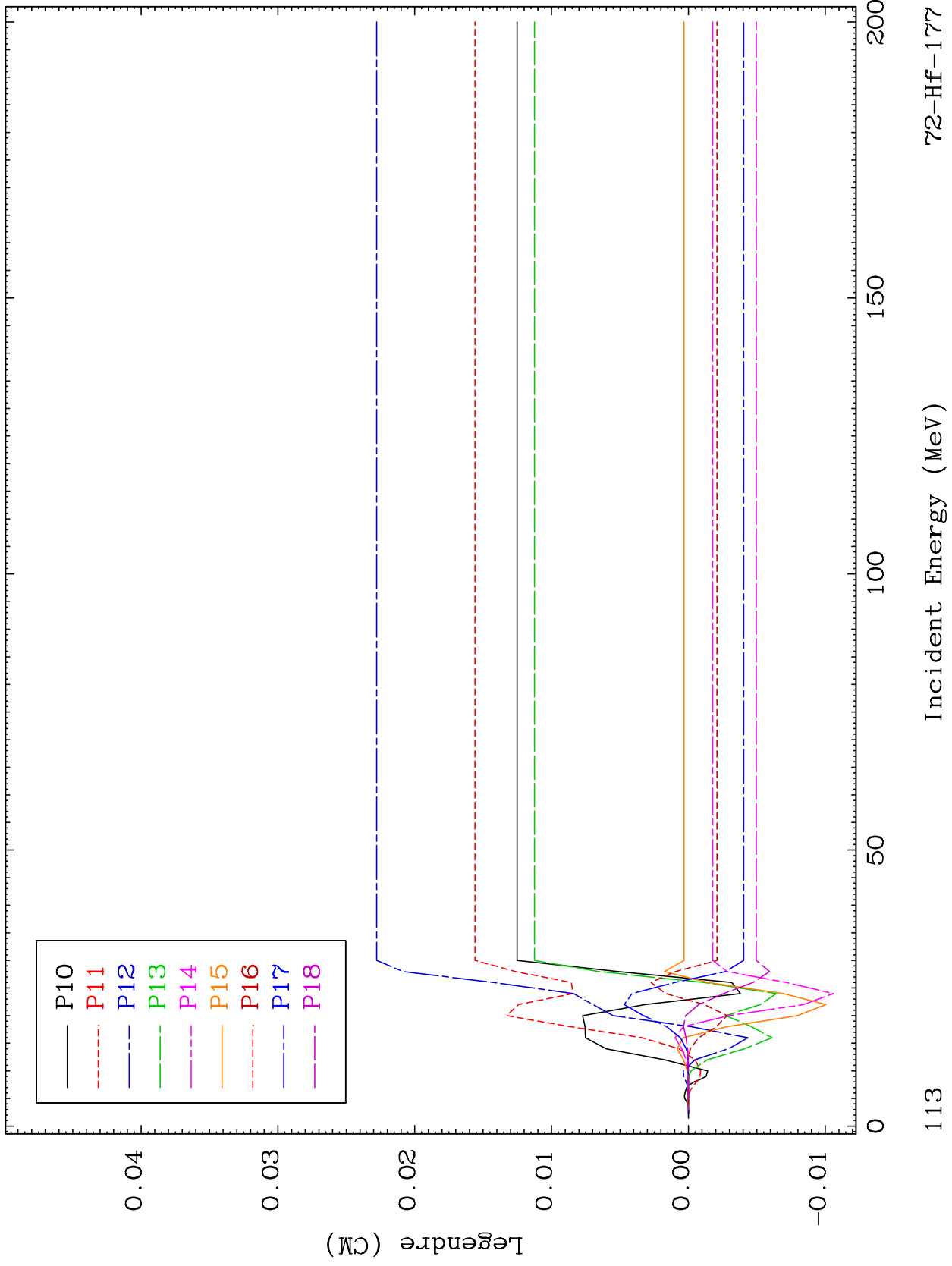
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

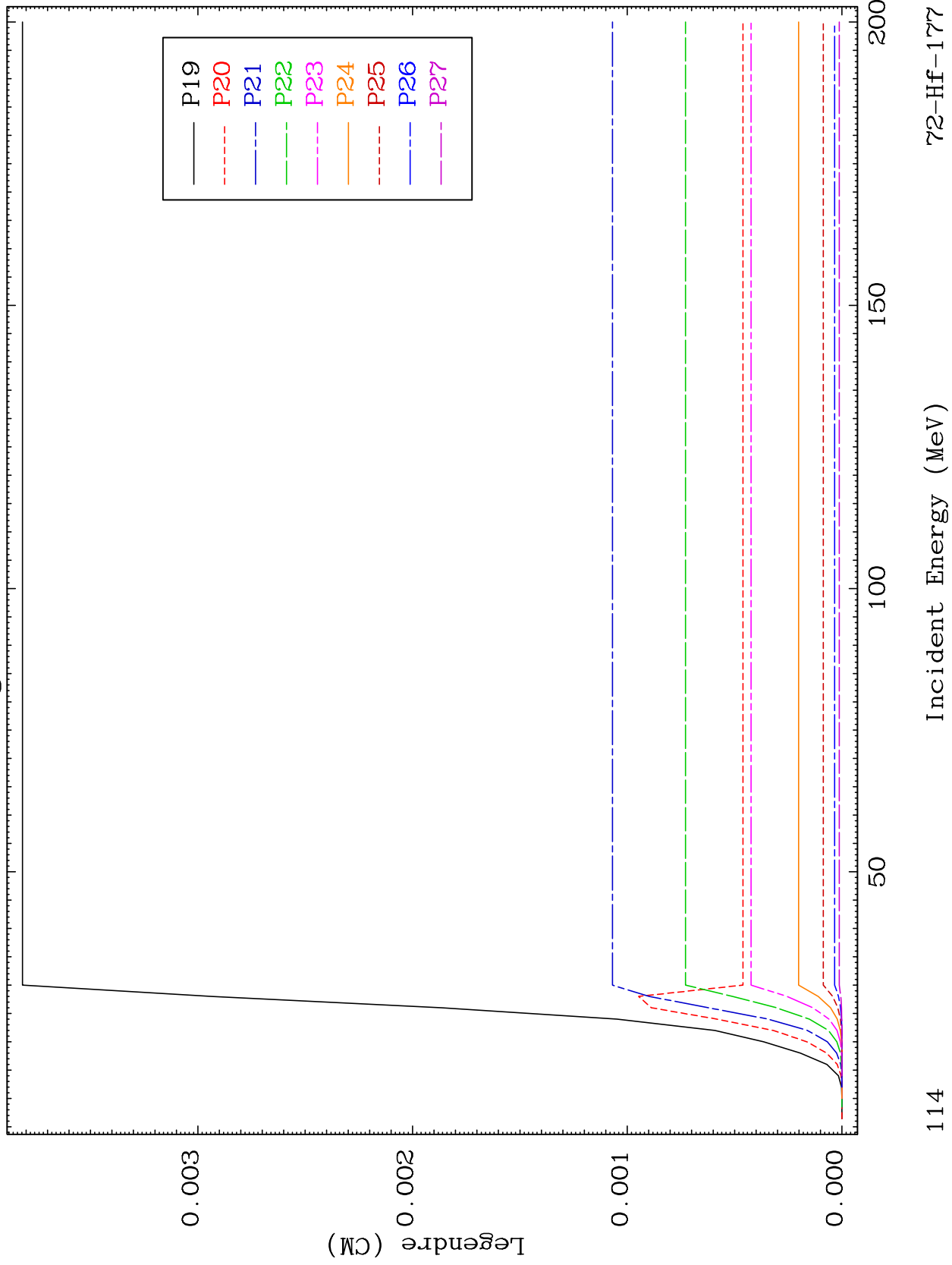
72-Hf-177



MAT 7234

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

72-Hf-177



114

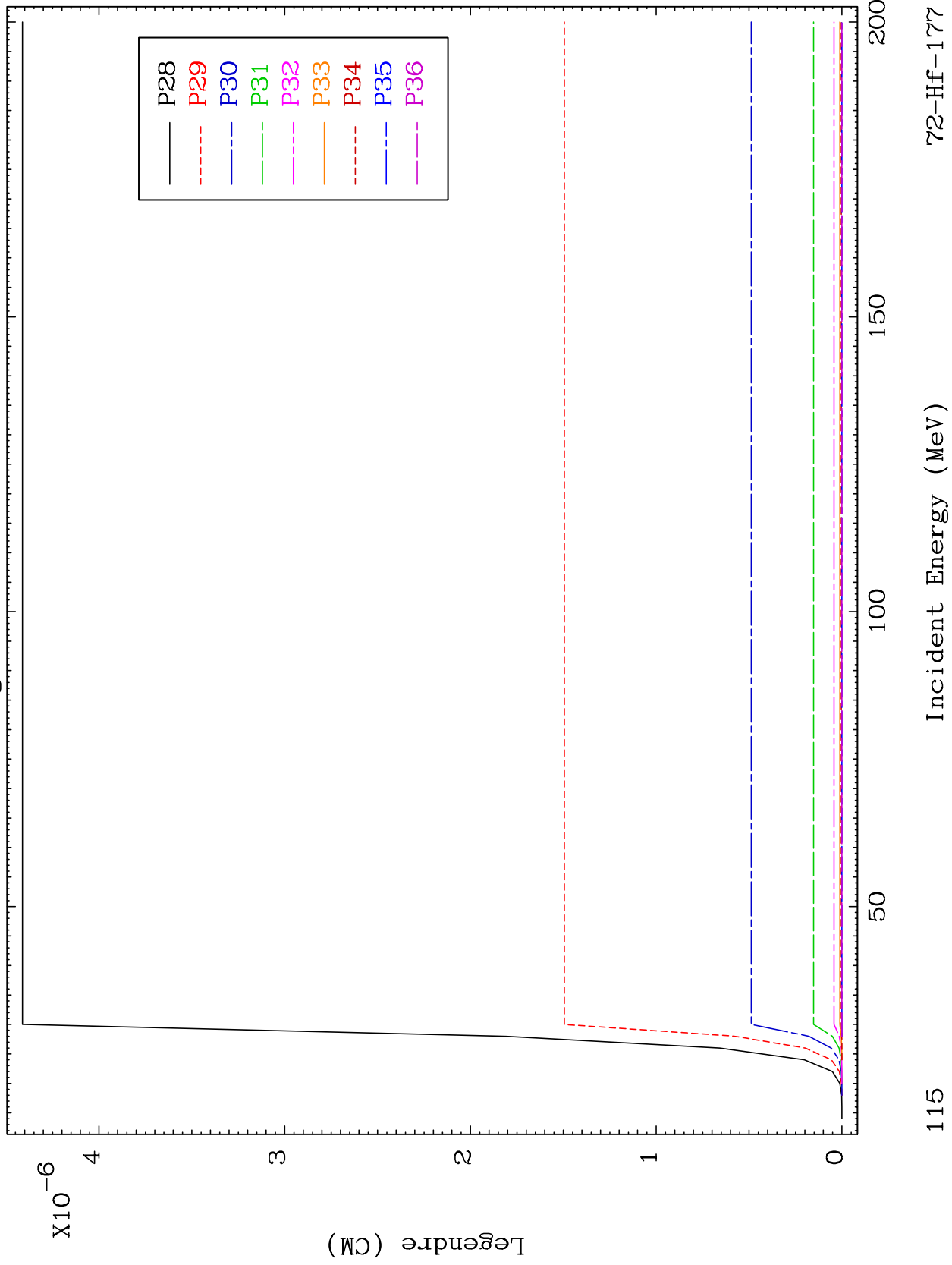
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177

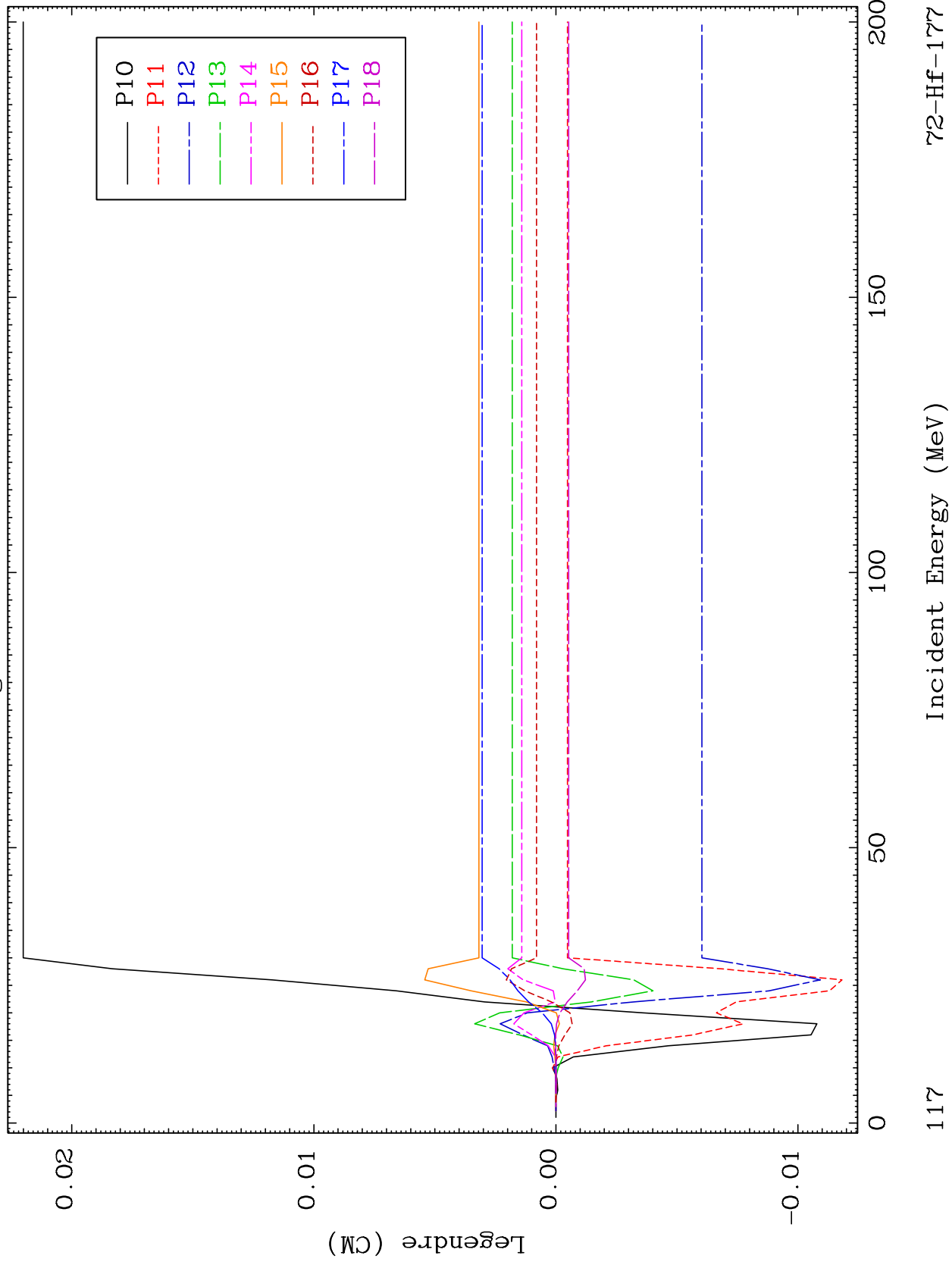




MAT 7234

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

72-Hf-177



117

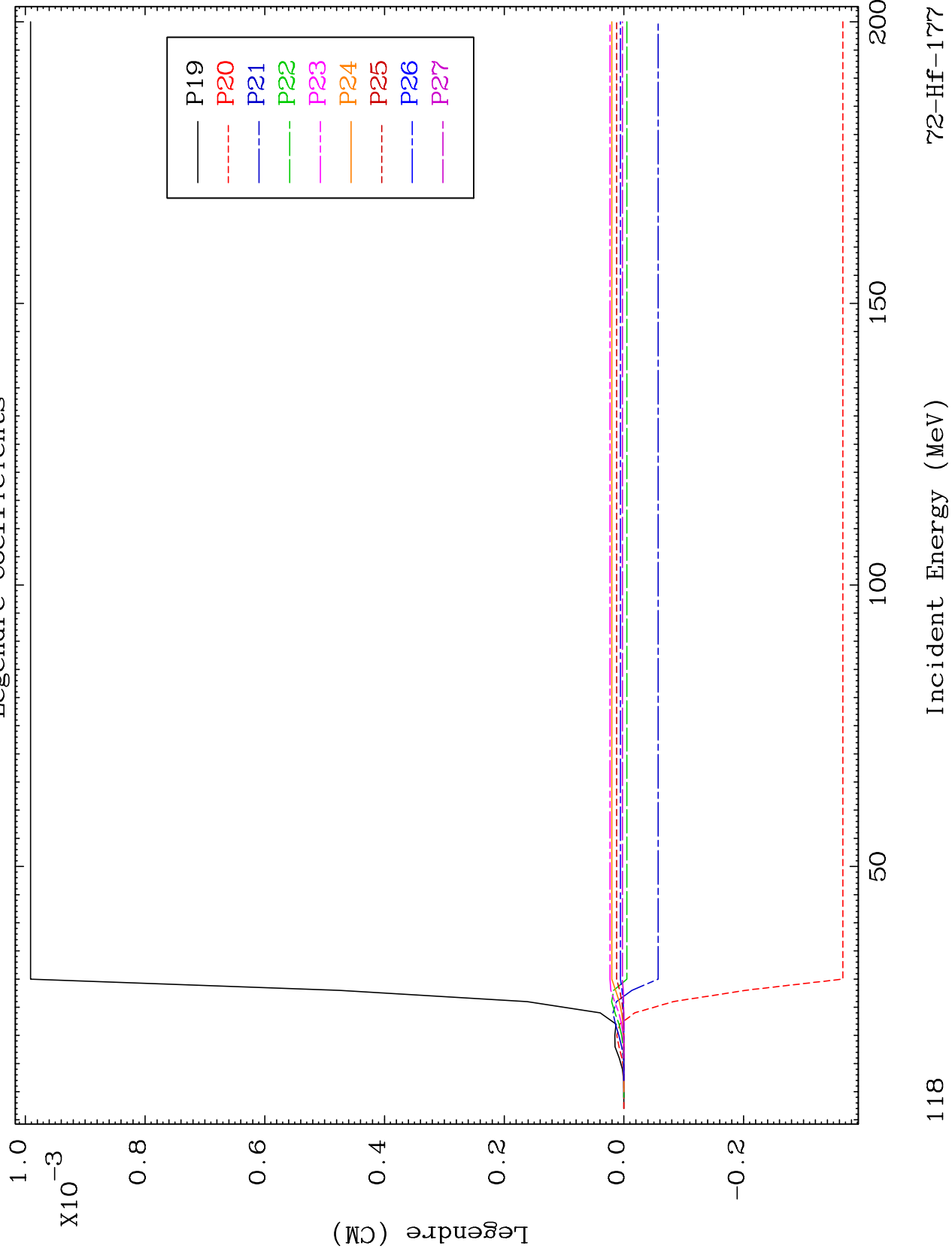
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



118

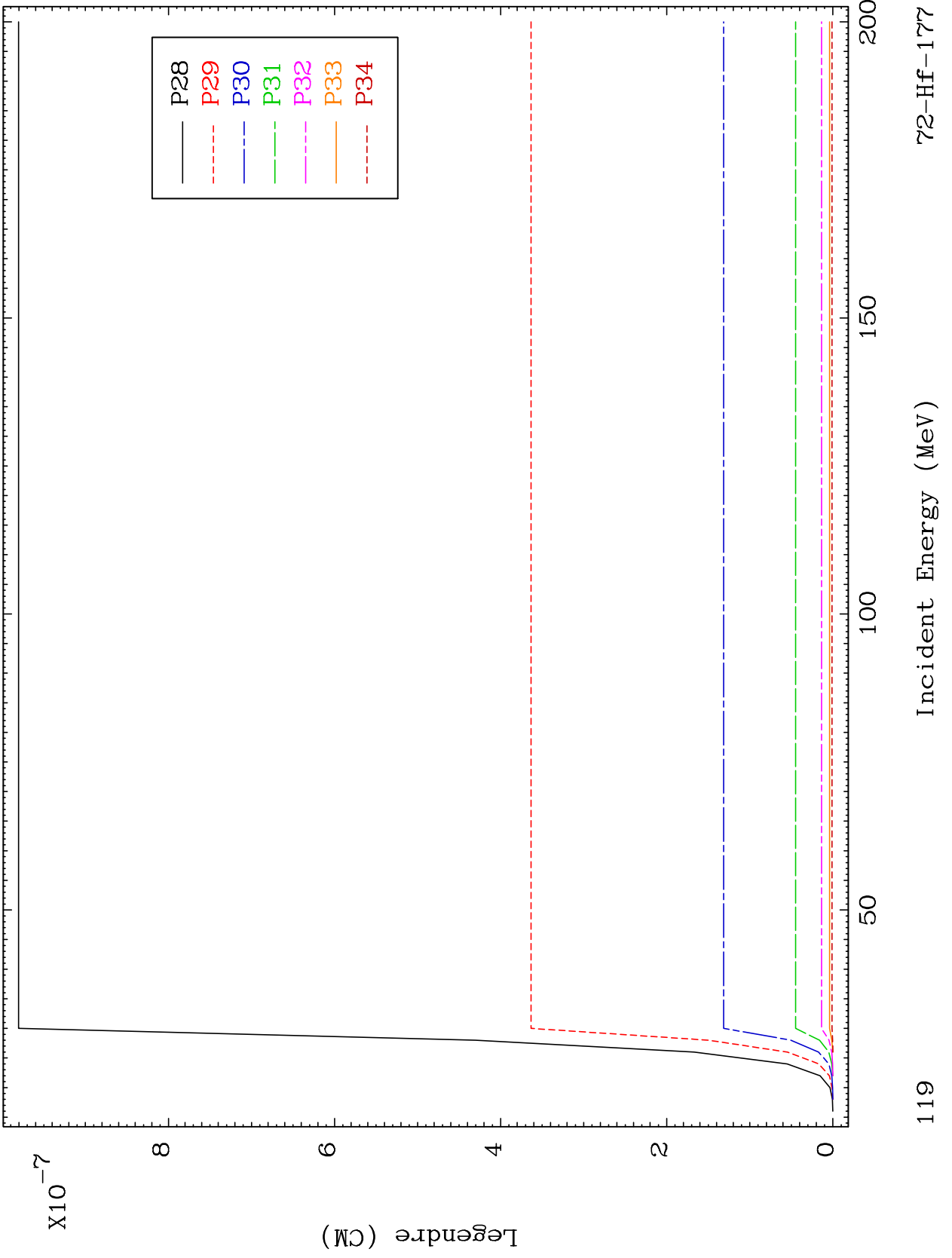
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177

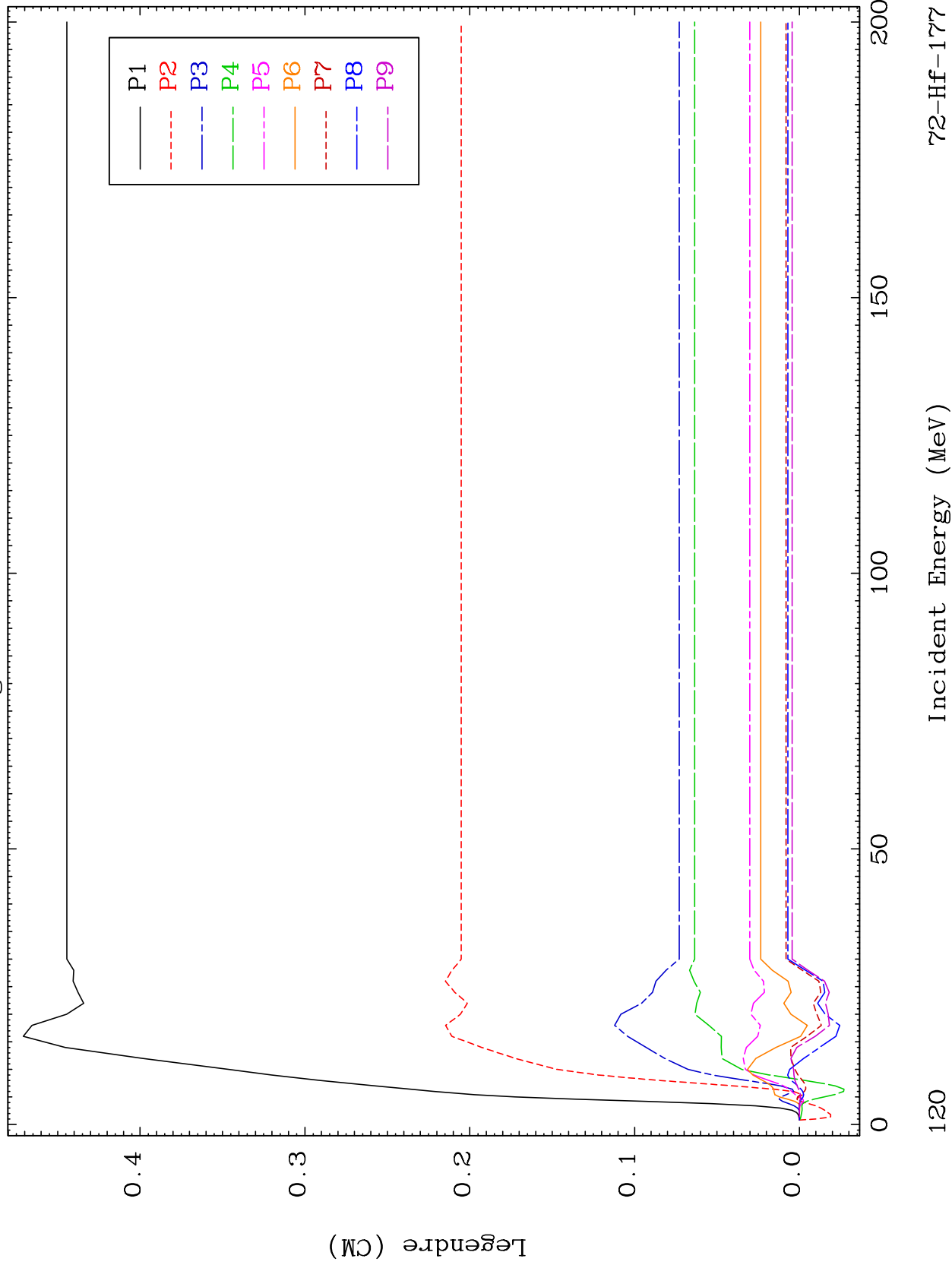


119

MAT 7234

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

72-Hf-177



72-Hf-177

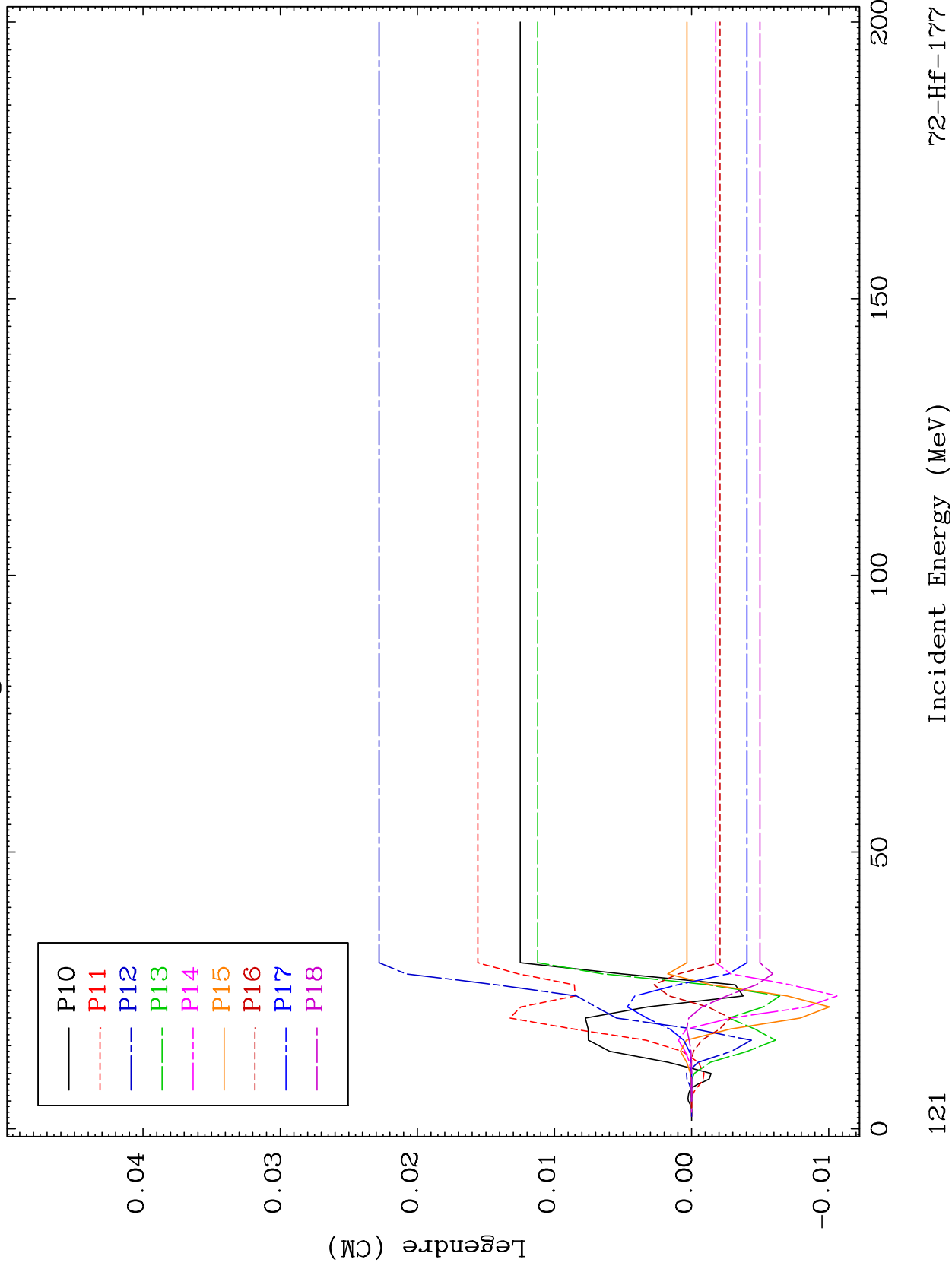
Incident Energy (MeV)

120

MAT 7234

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

72-Hf-177



72-Hf-177

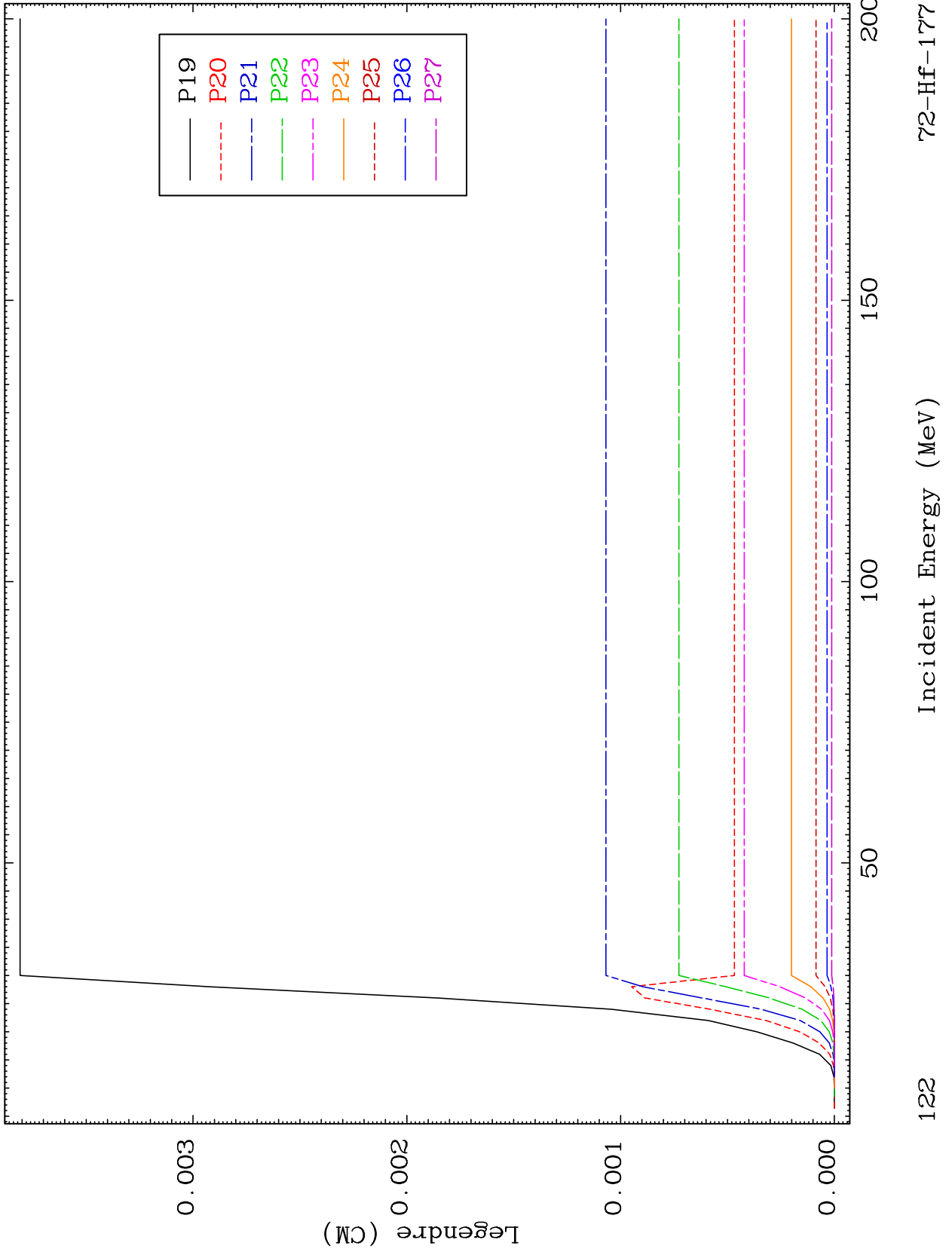
Incident Energy (MeV)

121

MAT 7234

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

72-Hf-177



122

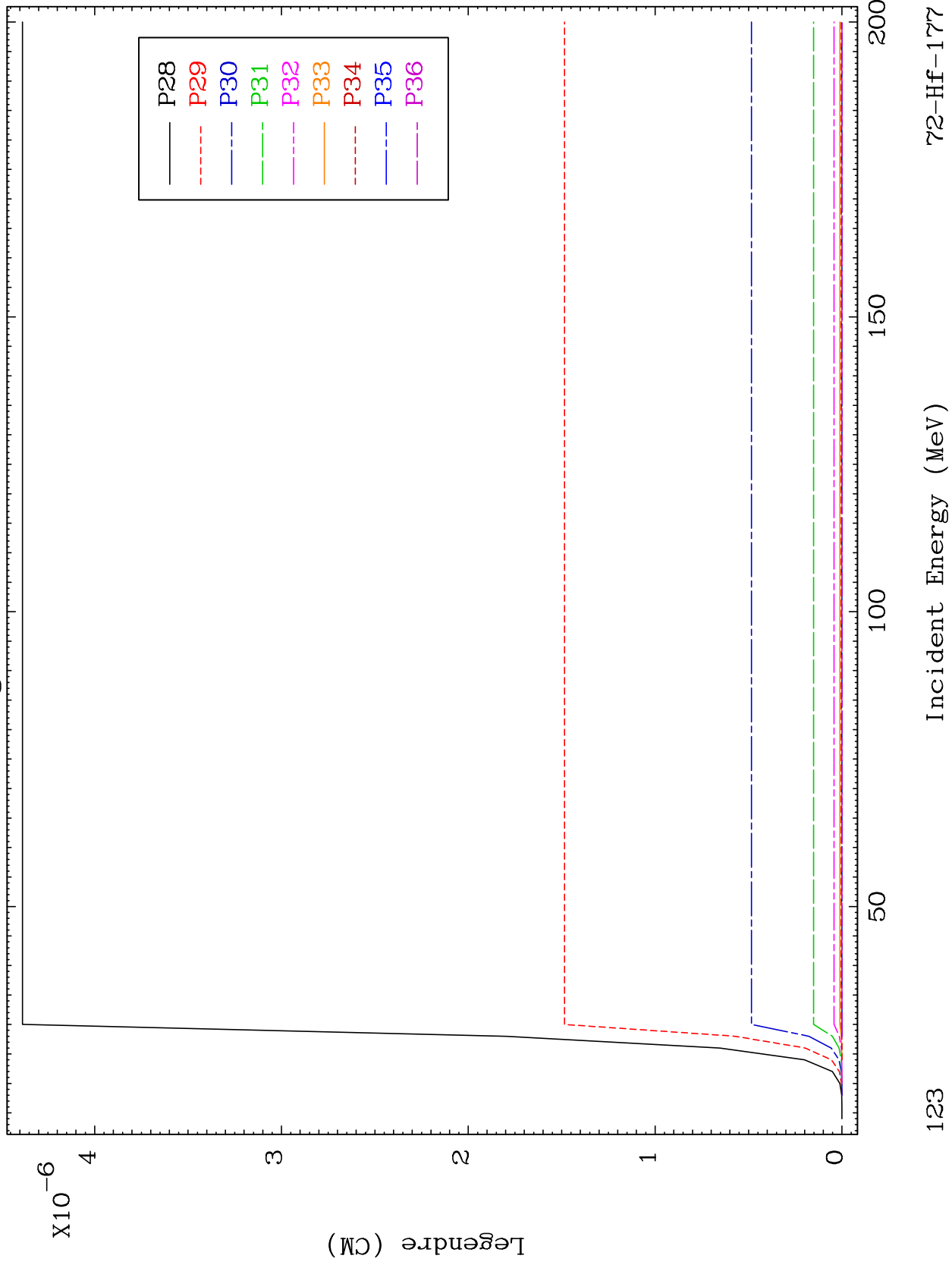
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177

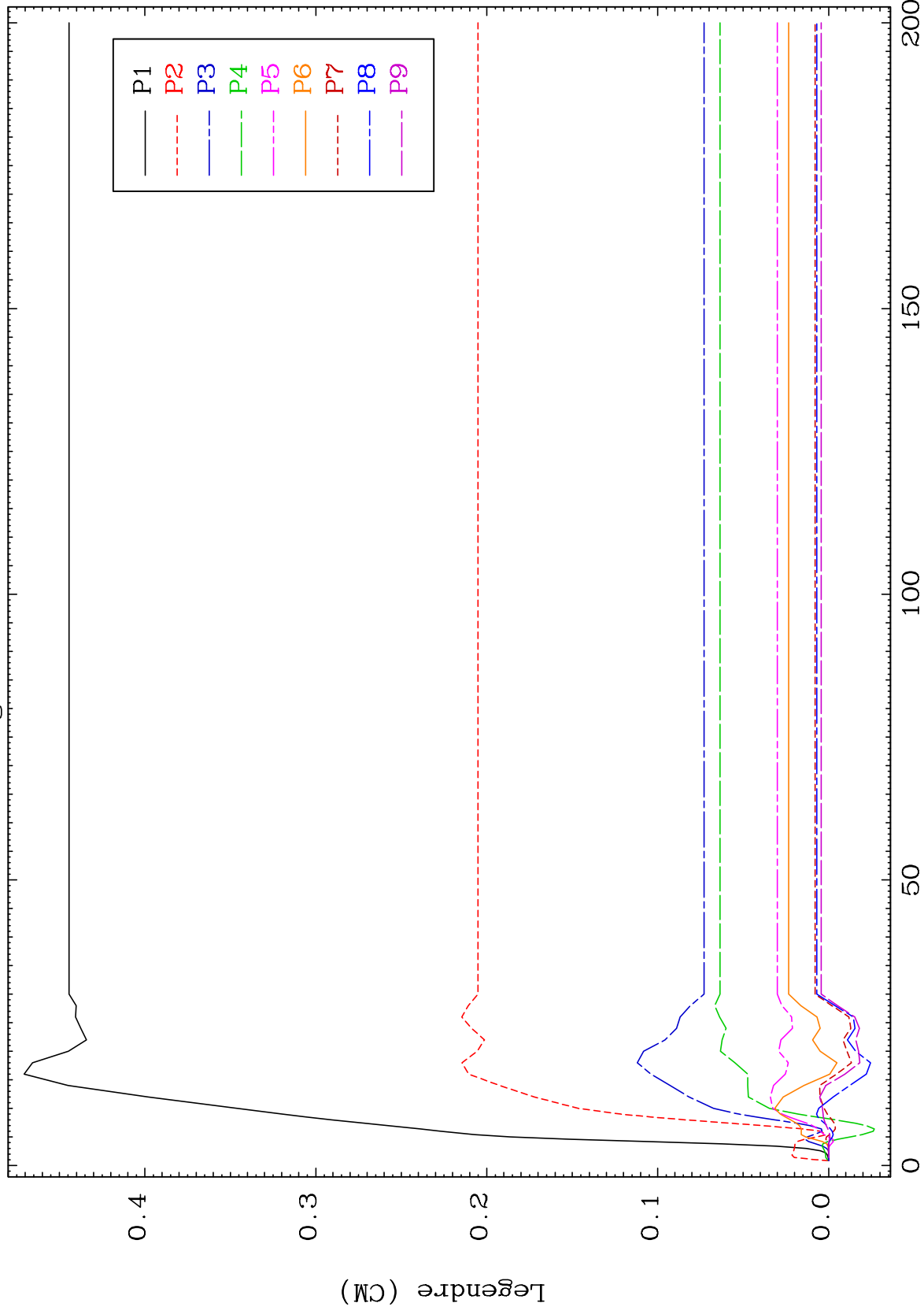


123

MAT 7234

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

72-Hf-177



124

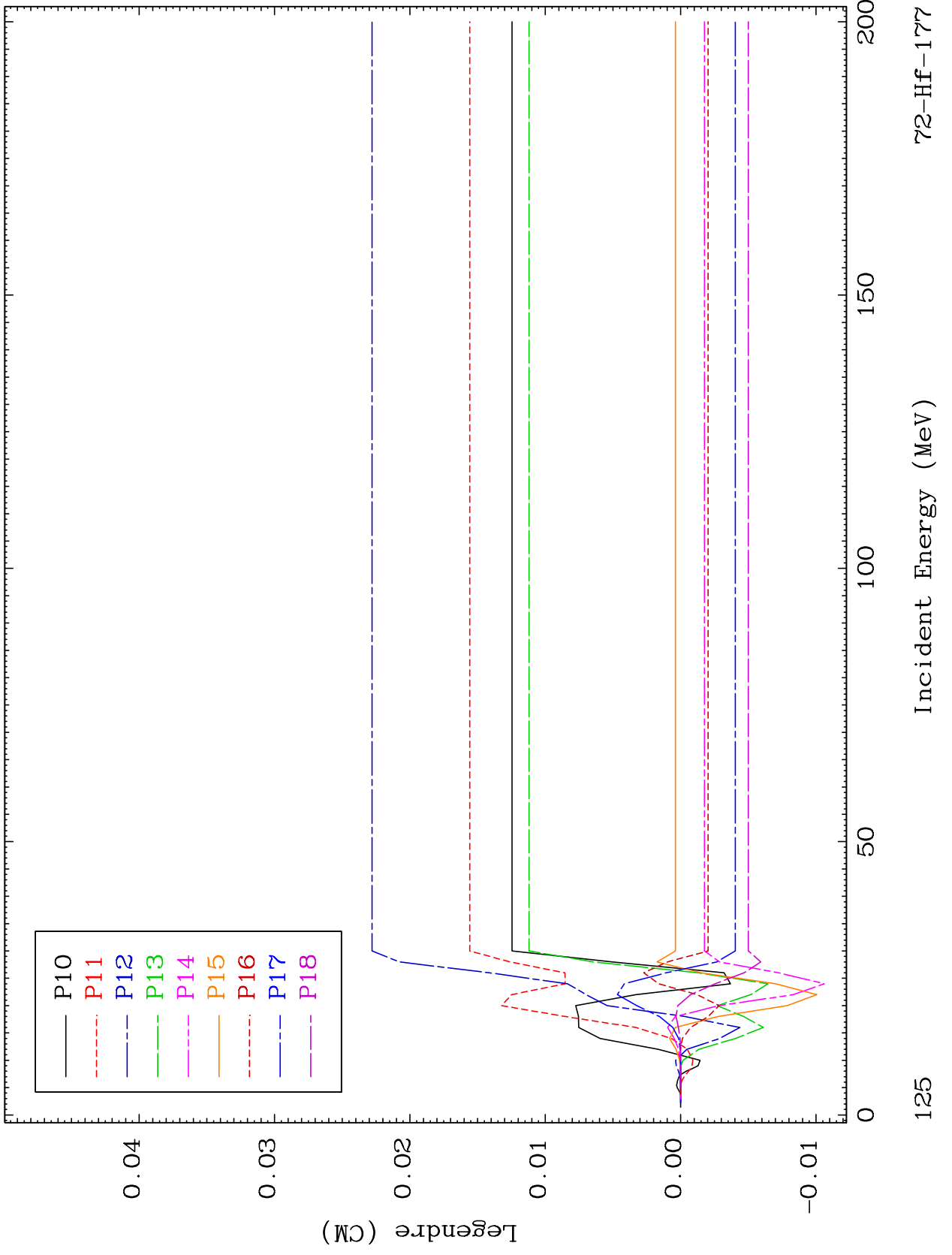
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



72-Hf-177

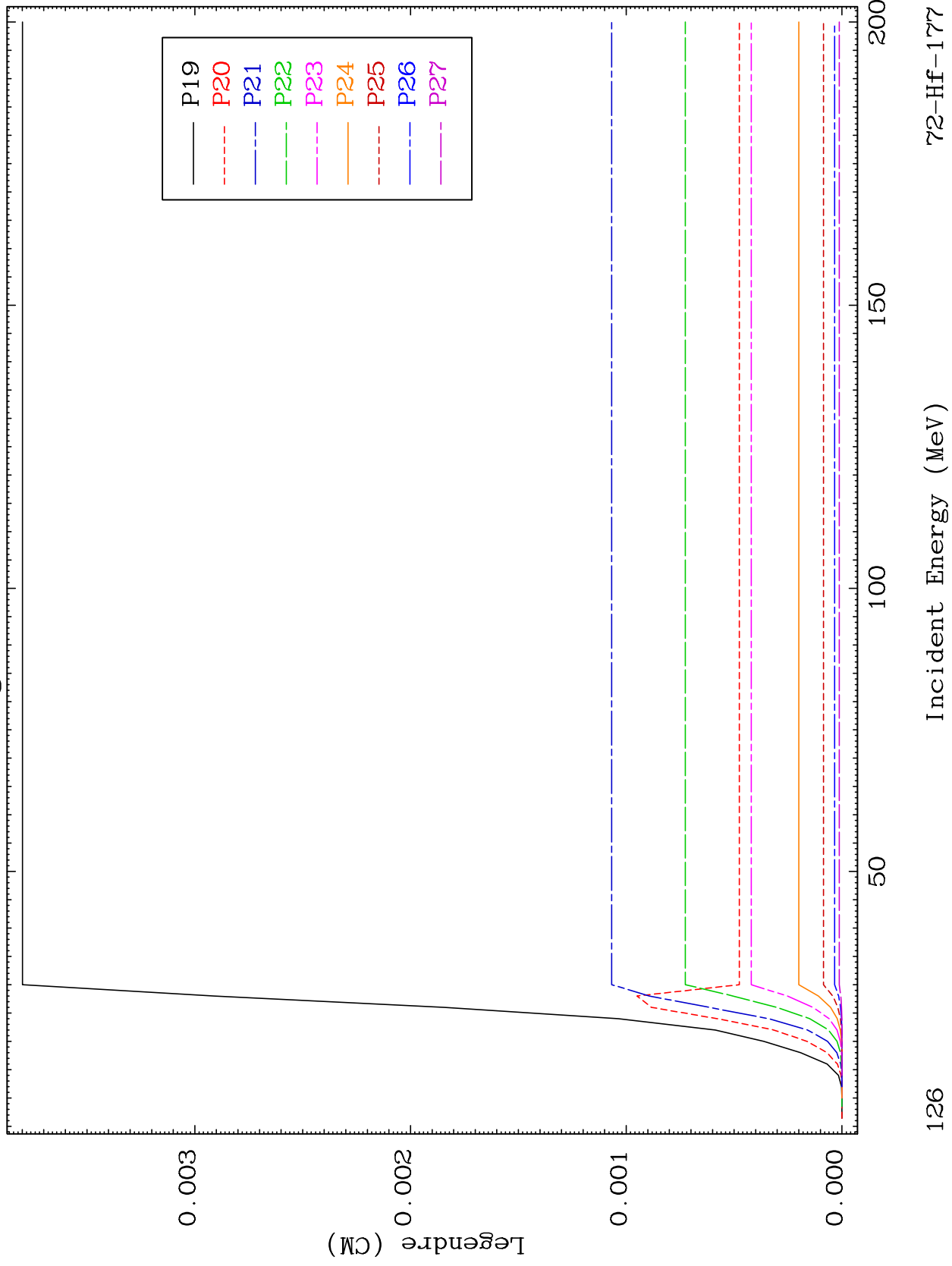
Incident Energy (MeV)

125

MAT 7234

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

72-Hf-177



126

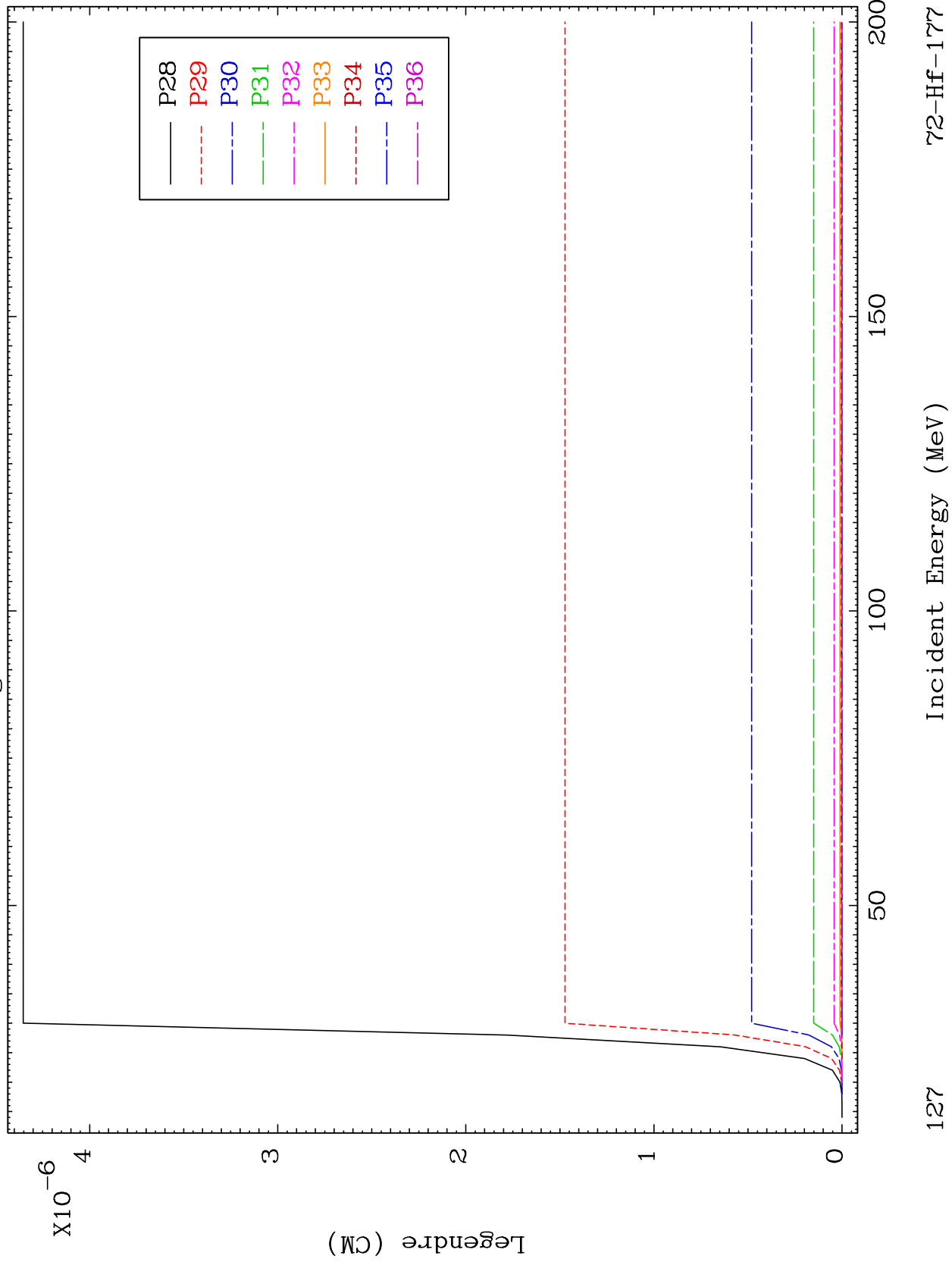
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

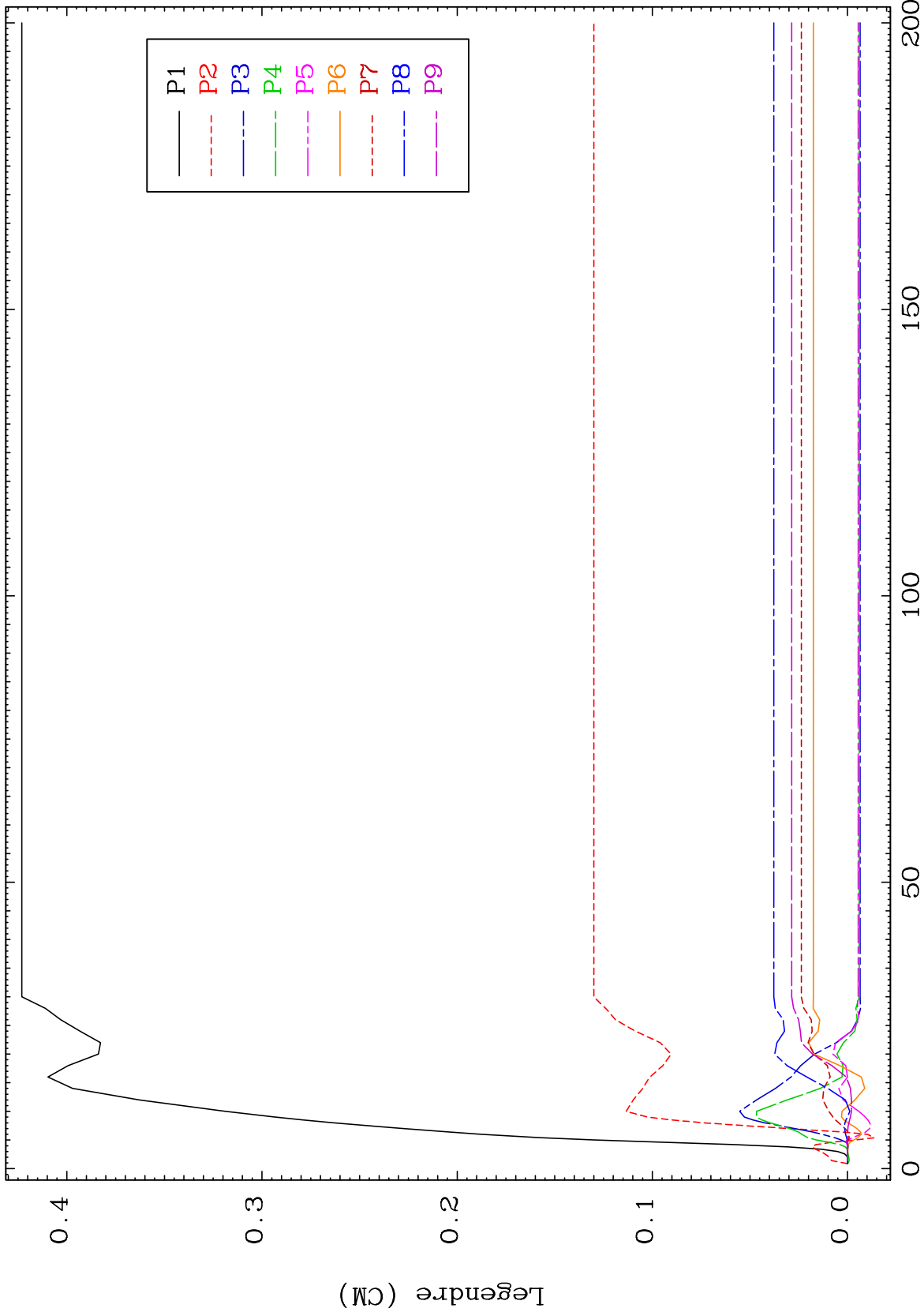
72-Hf-177



MAT 7234

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

72-Hf-177



128

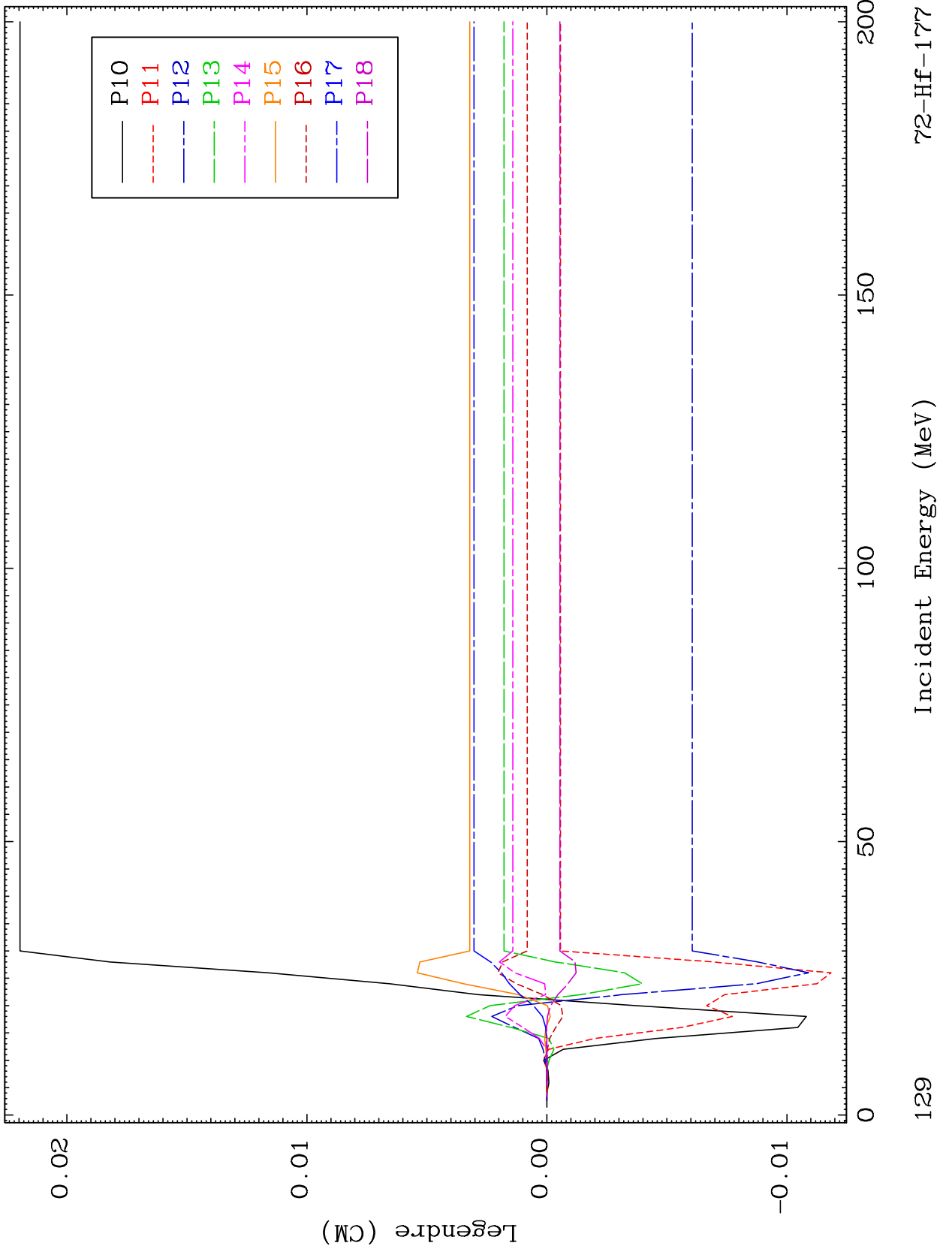
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

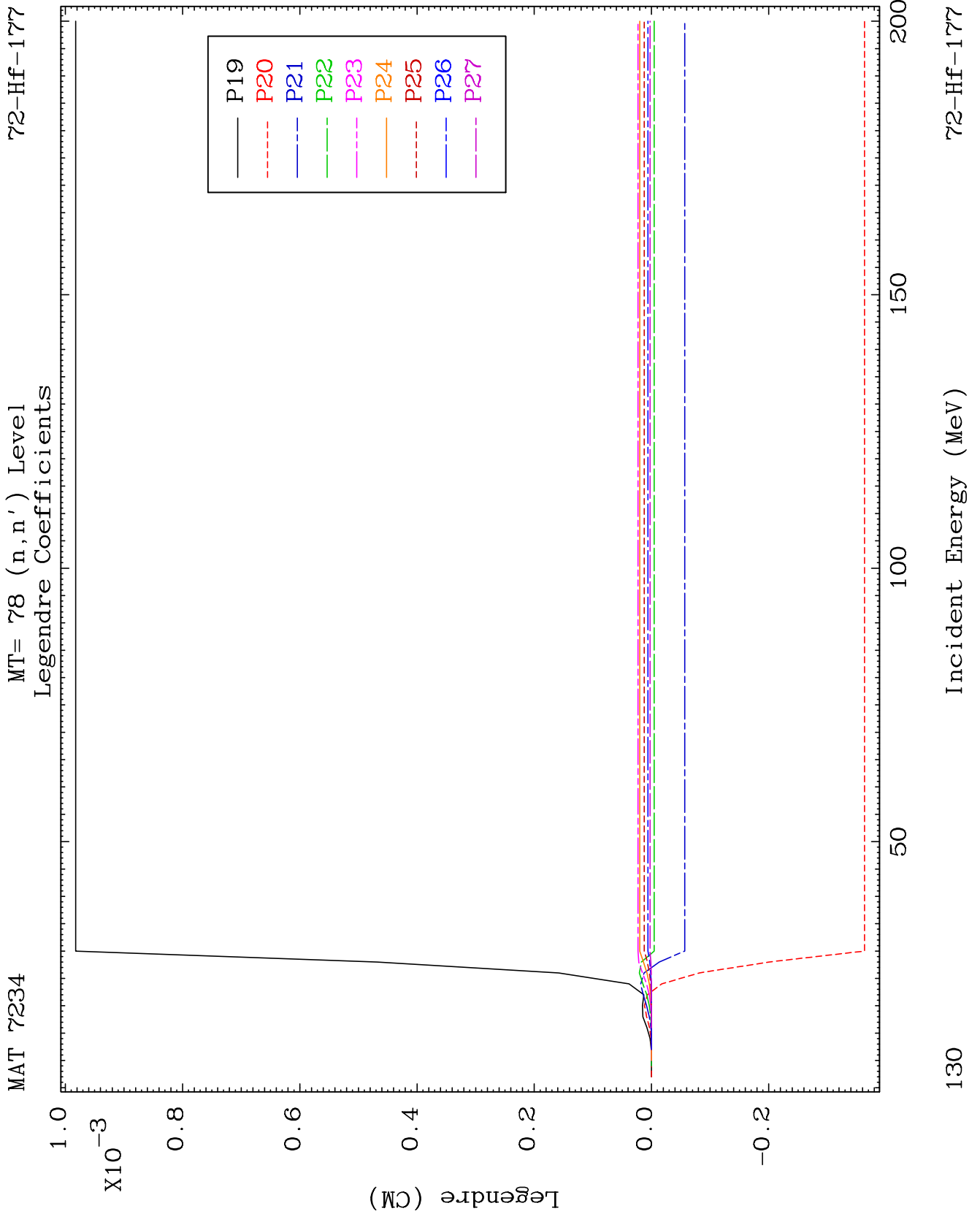
72-Hf-177



129

Incident Energy (MeV)

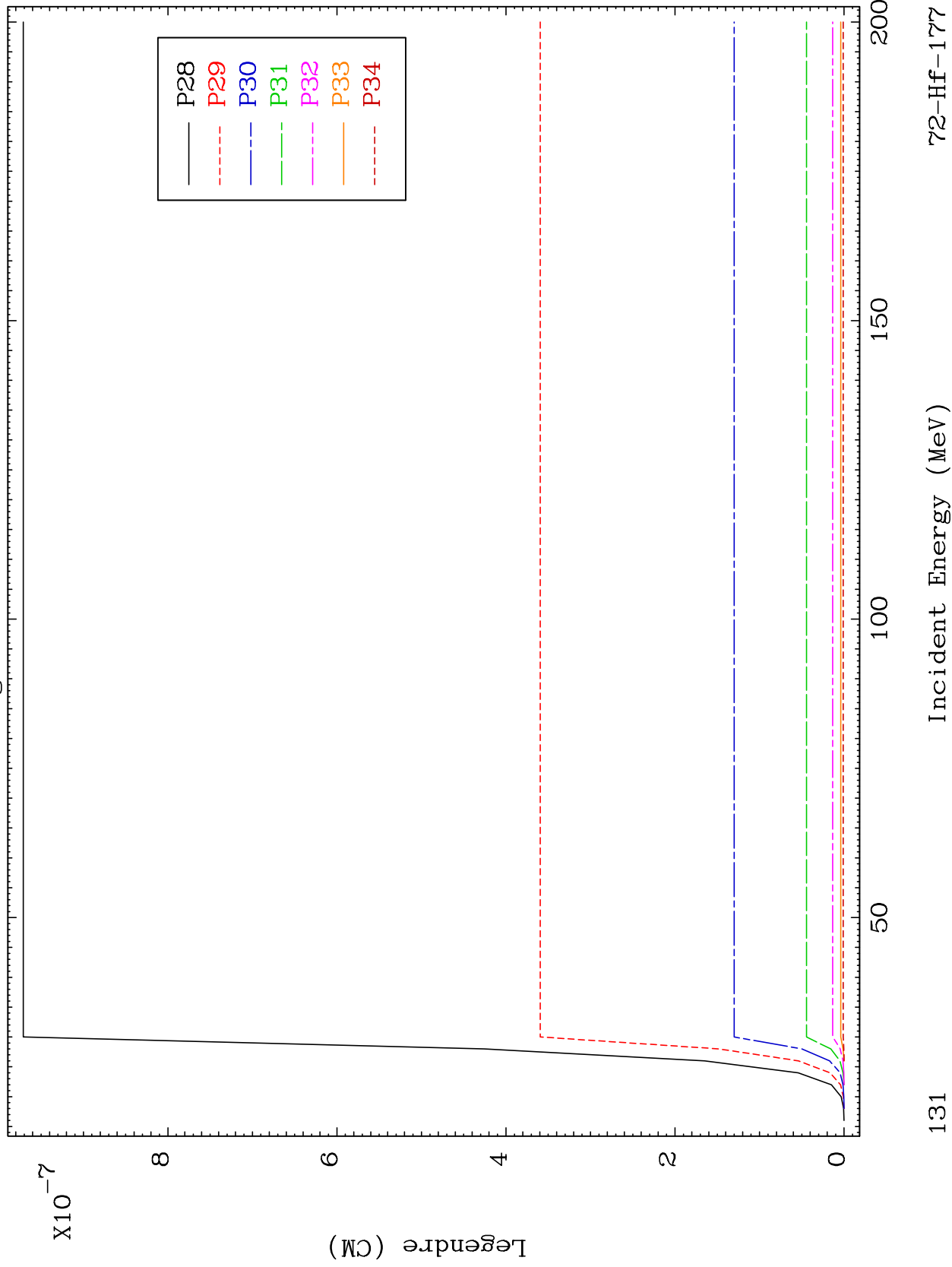
72-Hf-177



MAT 7234

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

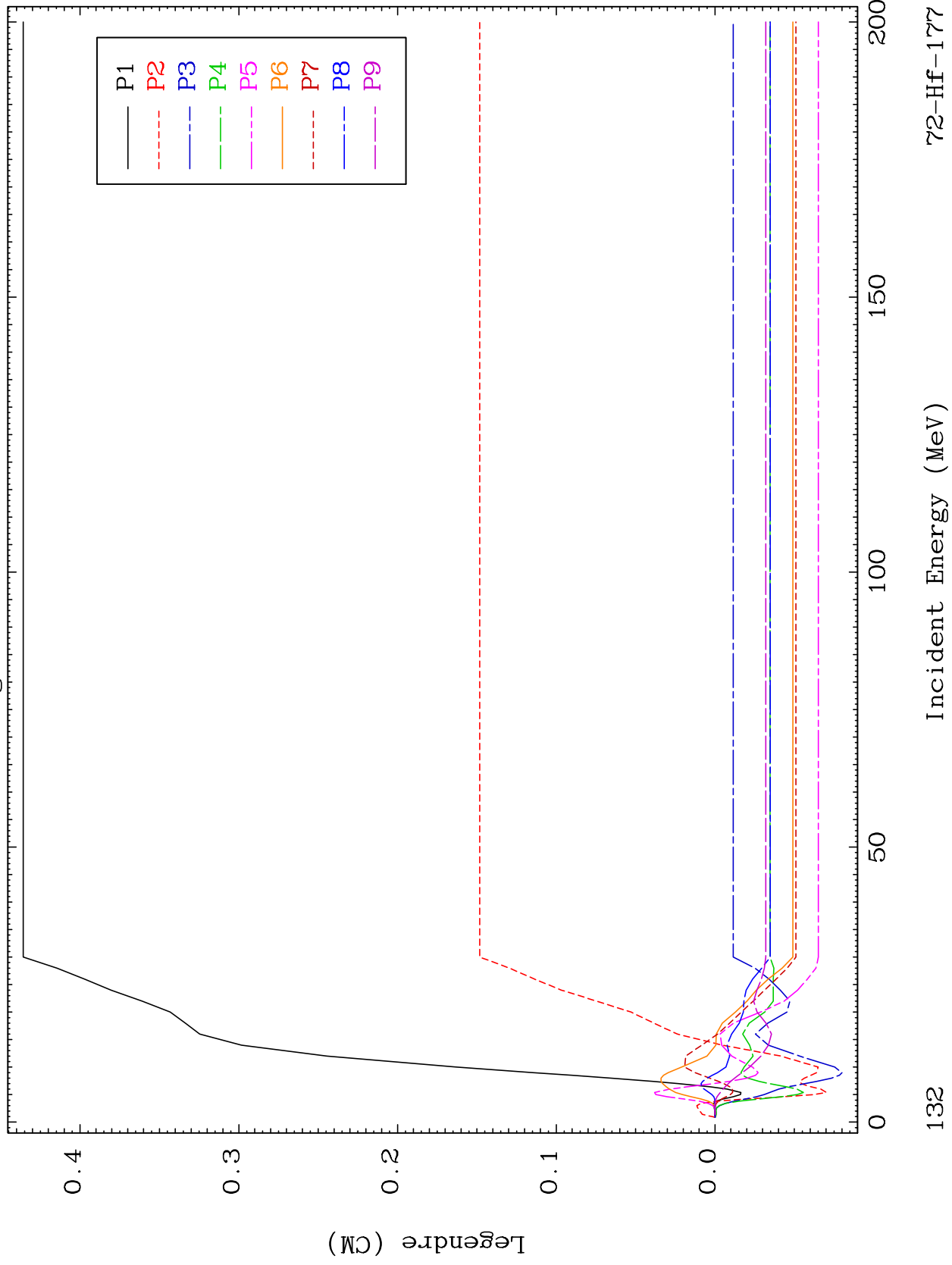
72-Hf-177



MAT 7234

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

72-Hf-177



72-Hf-177

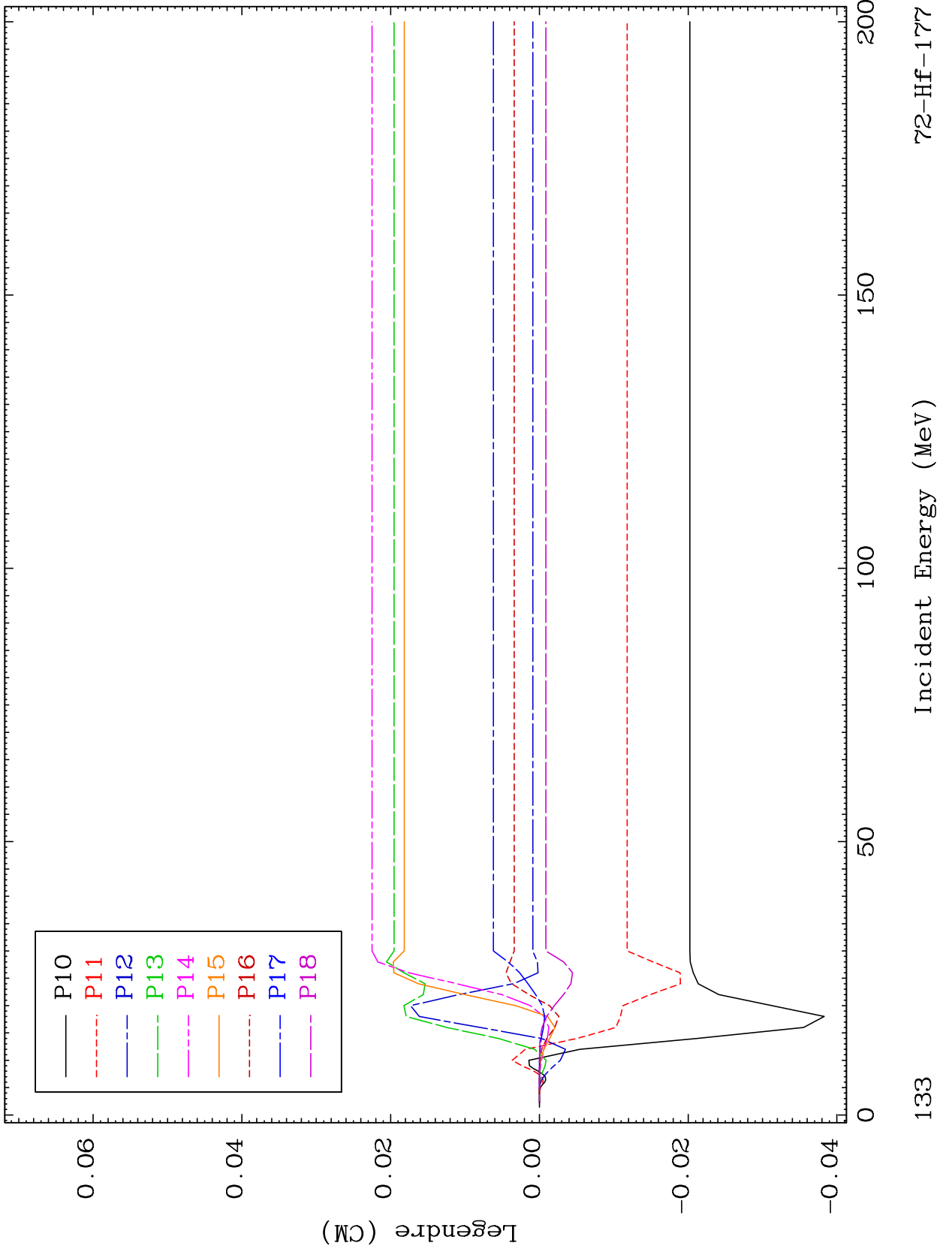
Incident Energy (MeV)

132

MAT 7234

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

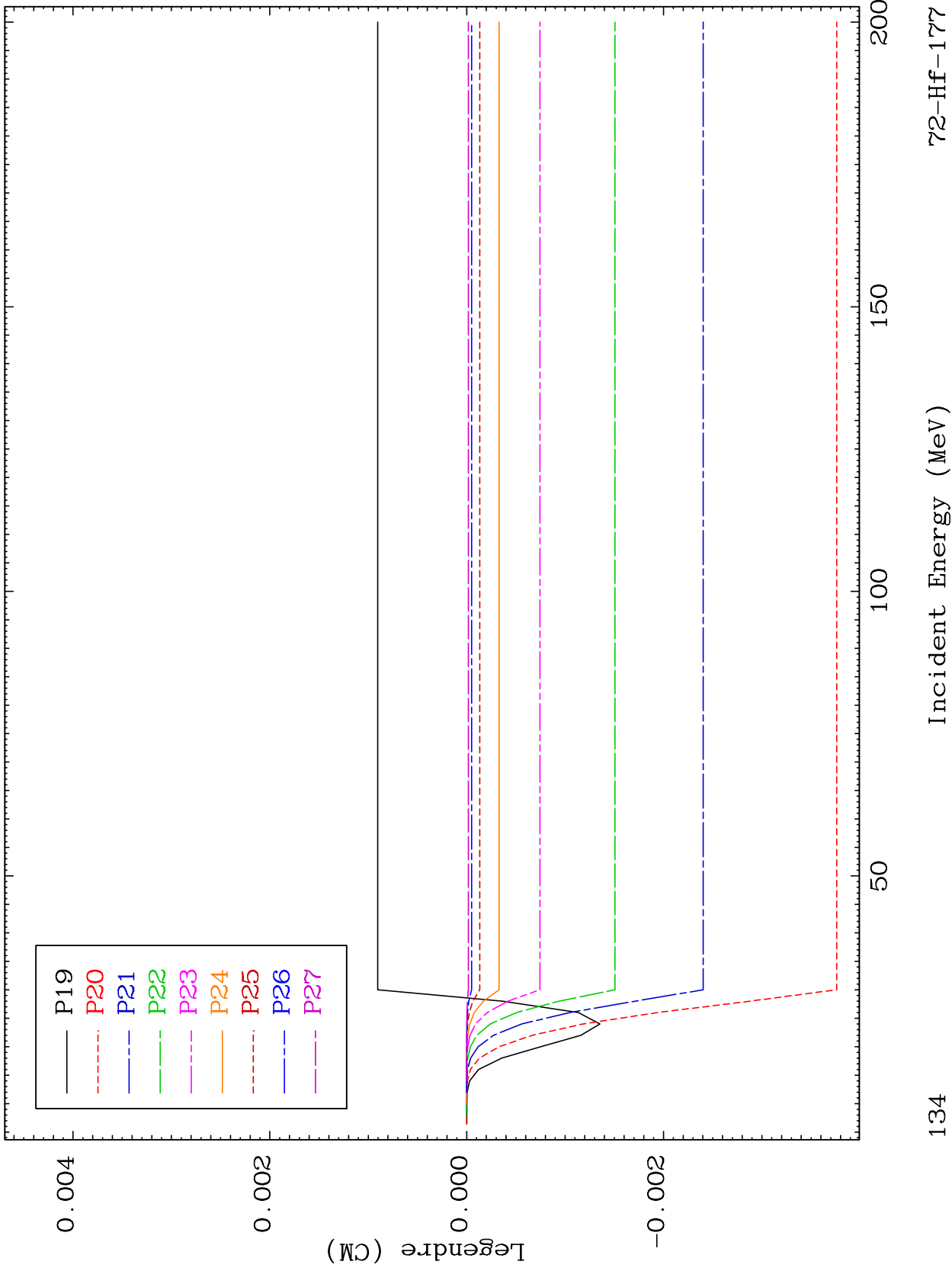
72-Hf-177



MAT 7234

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

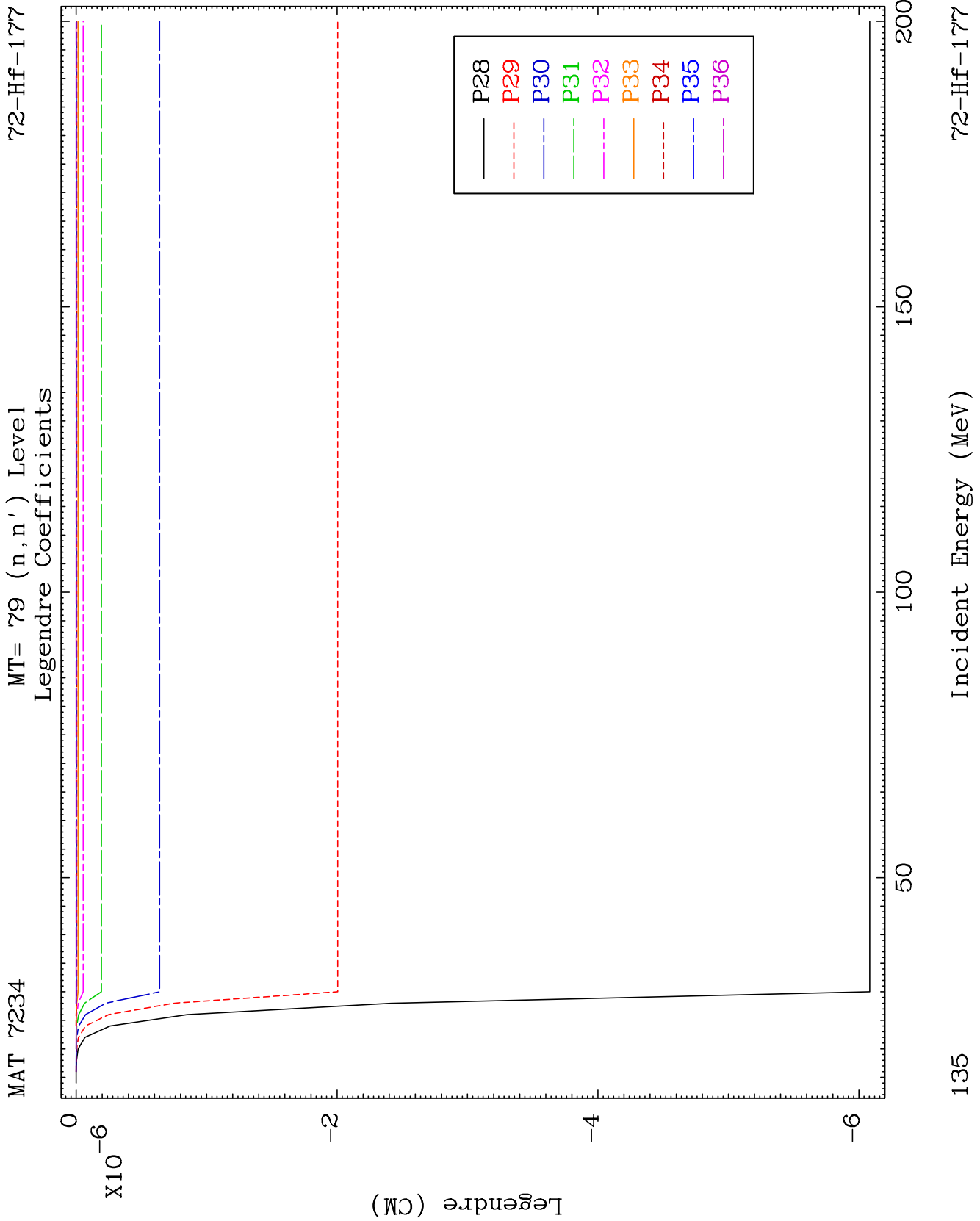
72-Hf-177



134

Incident Energy (MeV)

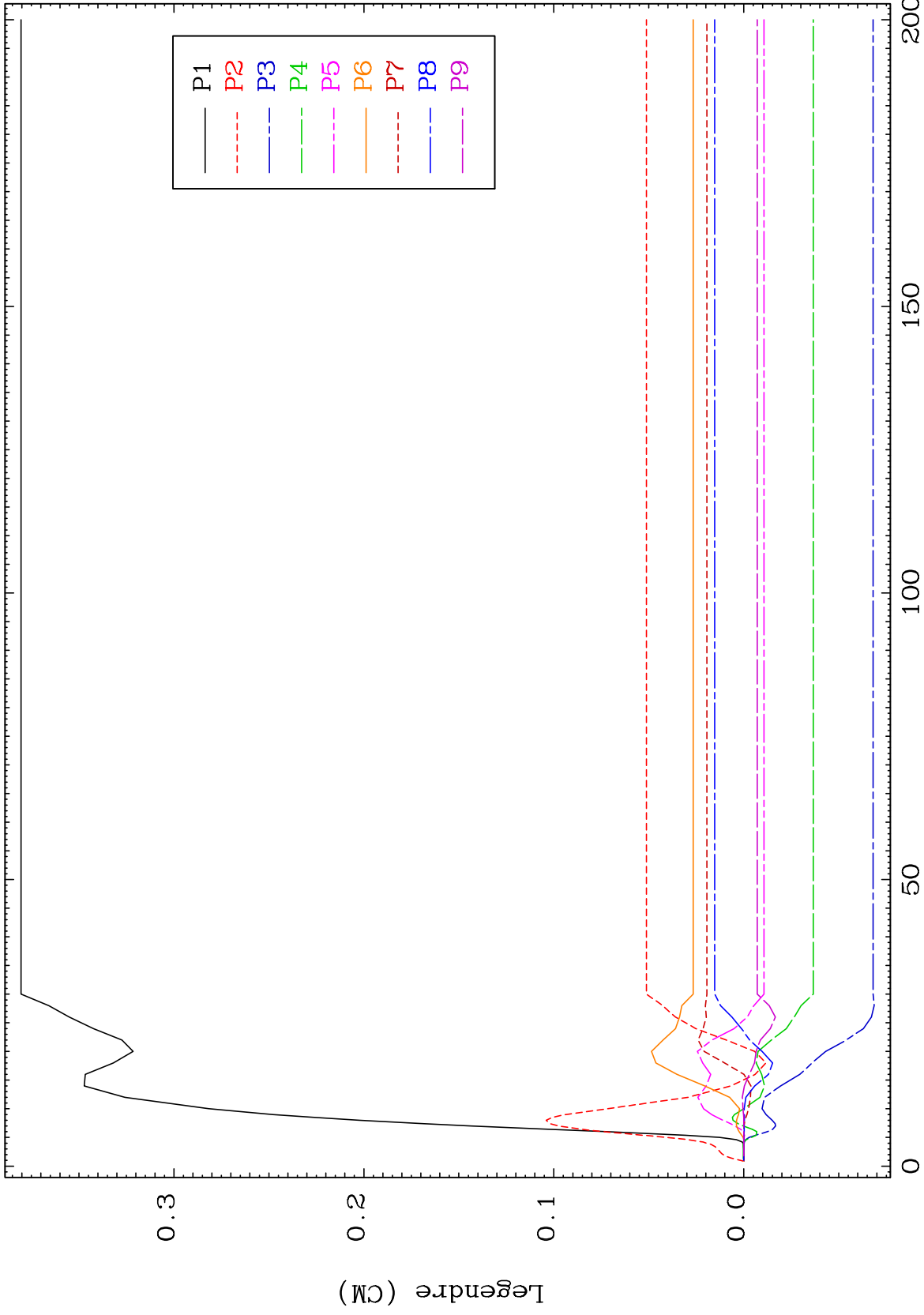
72-Hf-177



MAT 7234

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

72-Hf-177



136

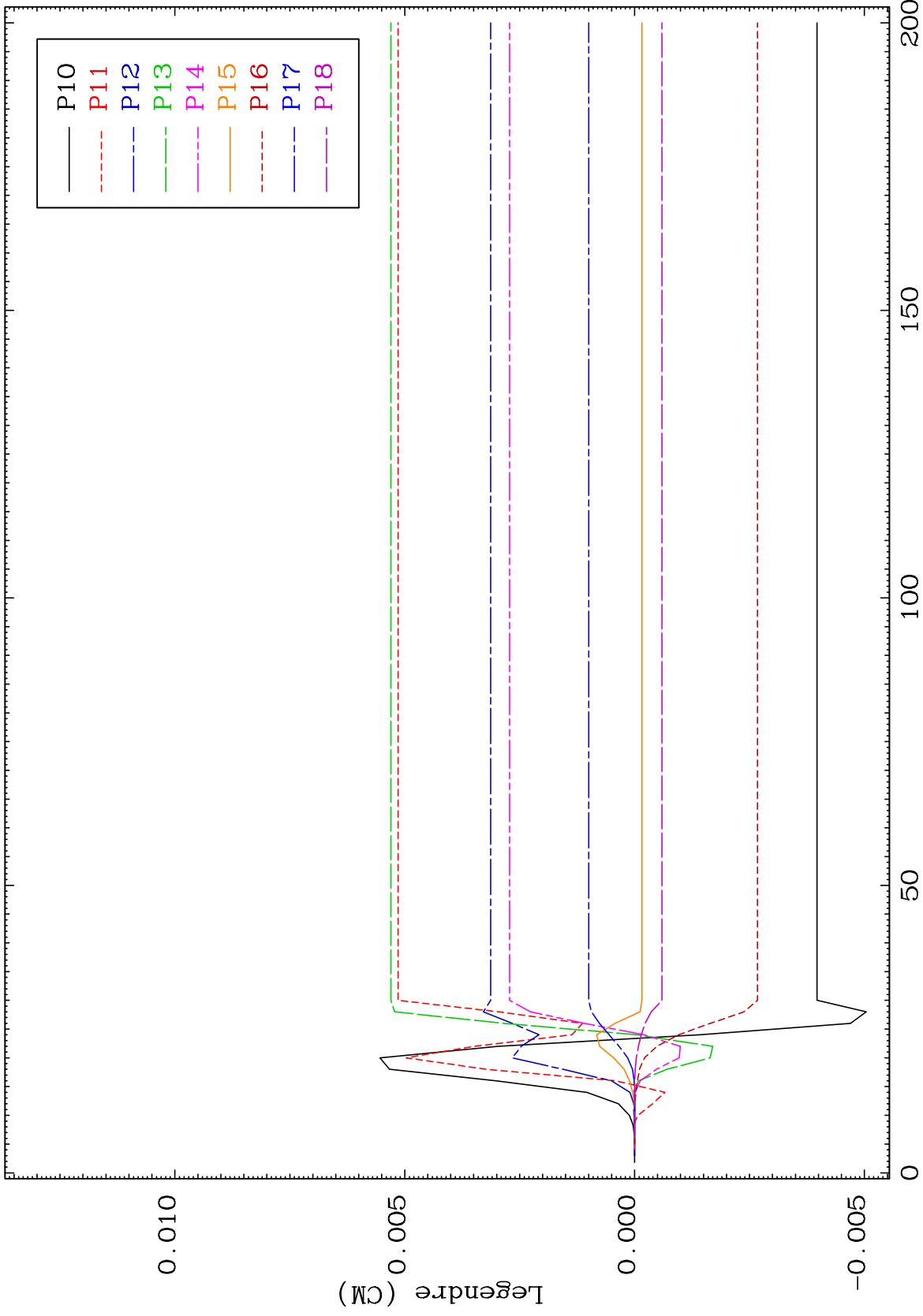
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

72-Hf-177



137

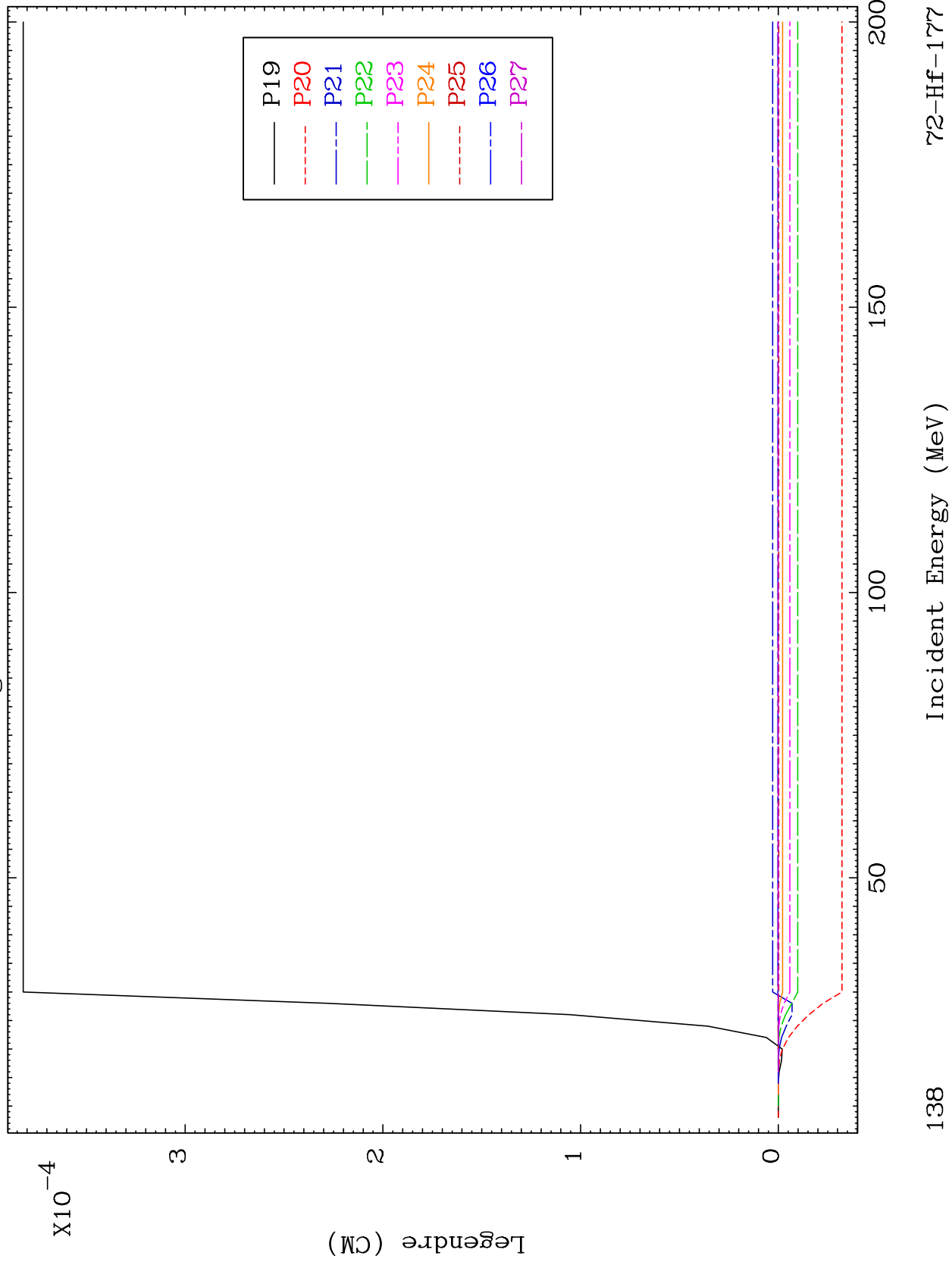
Incident Energy (MeV)

72-Hf-177

MAT 7234

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

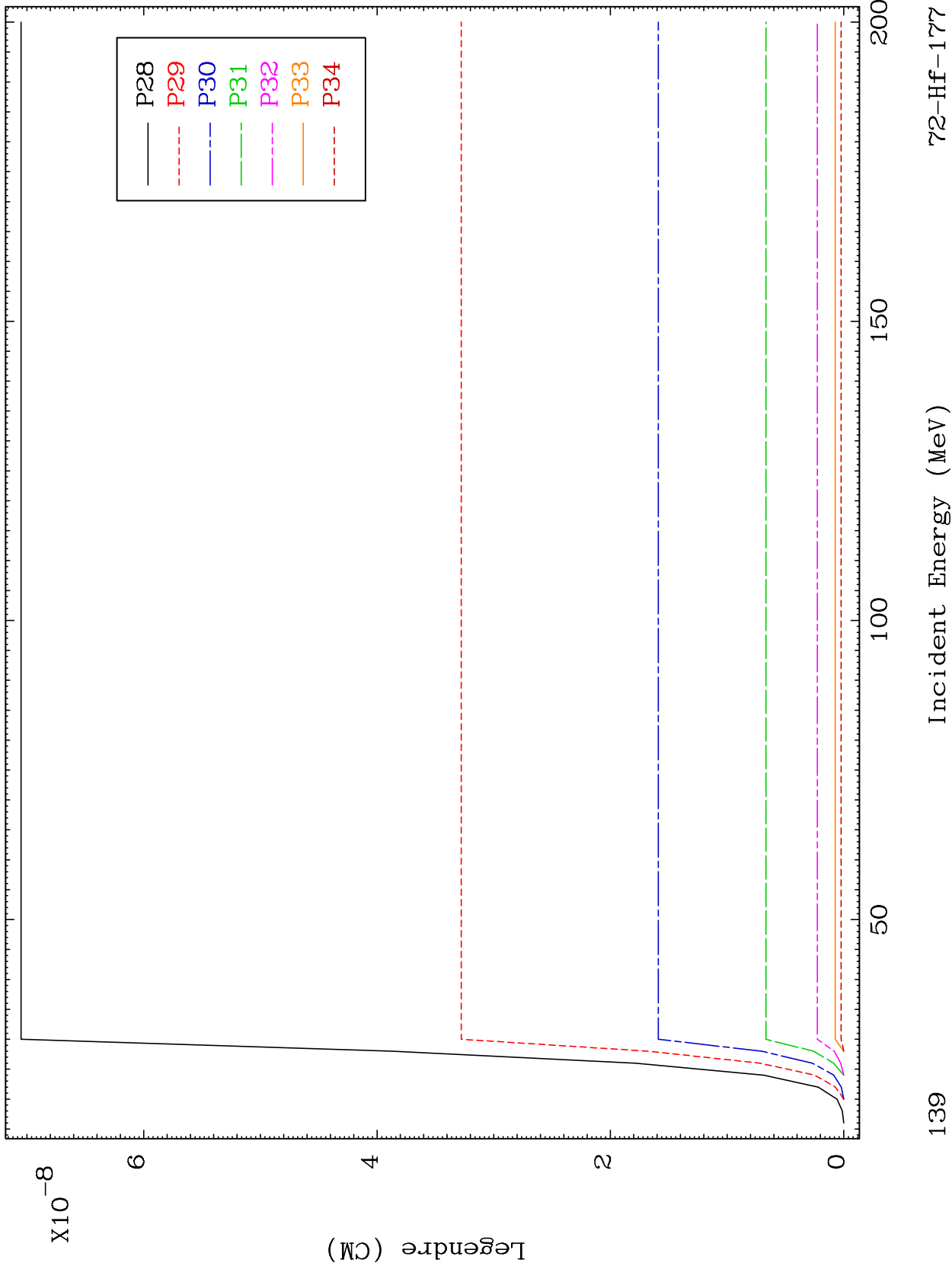
72-Hf-177



MAT 7234

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

72-Hf-177



139

Incident Energy (MeV)

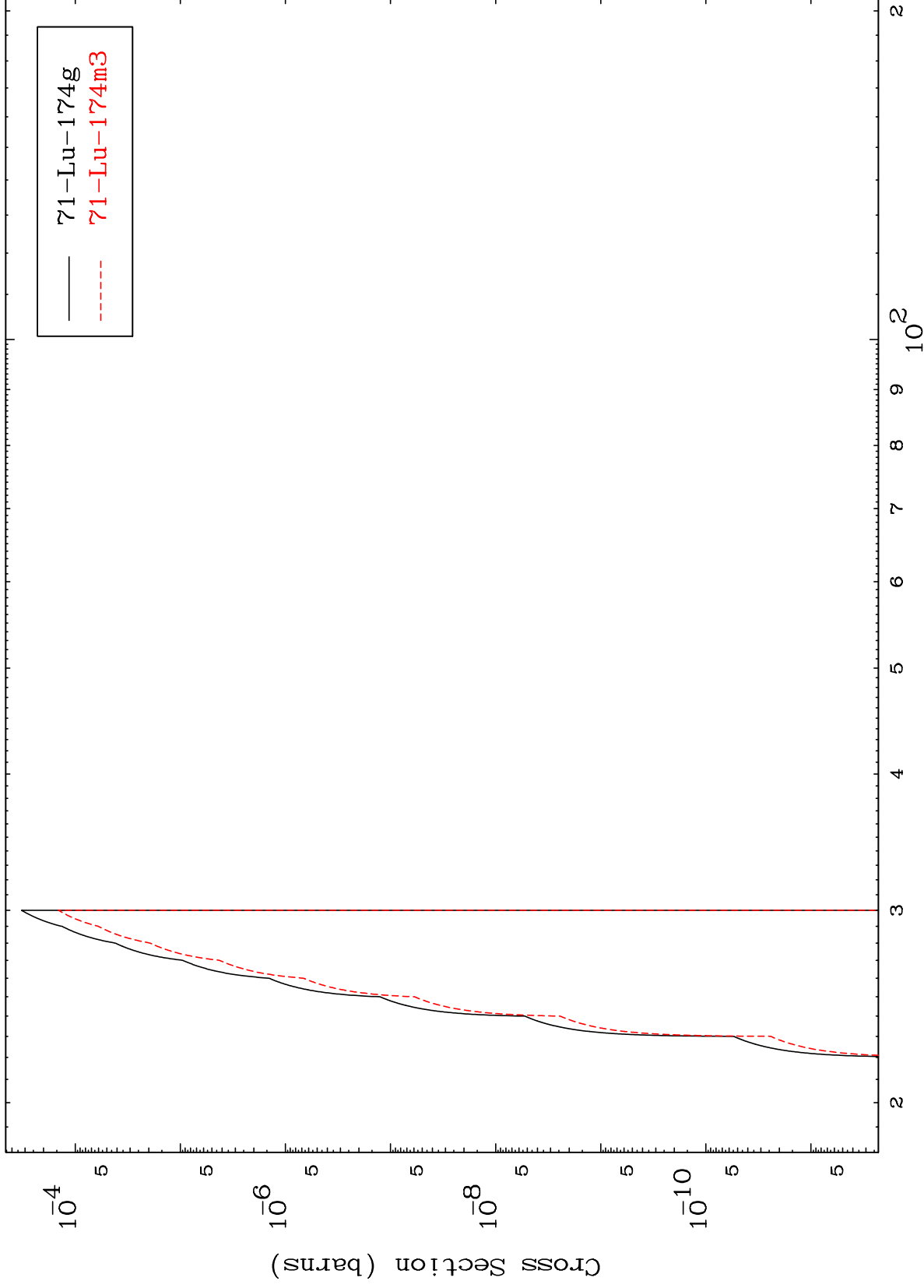
72-Hf-177

MAT 7234

(n,2n) d

72-Hf-177

Radionuclide Production Cross Section



140

Incident Energy (MeV)

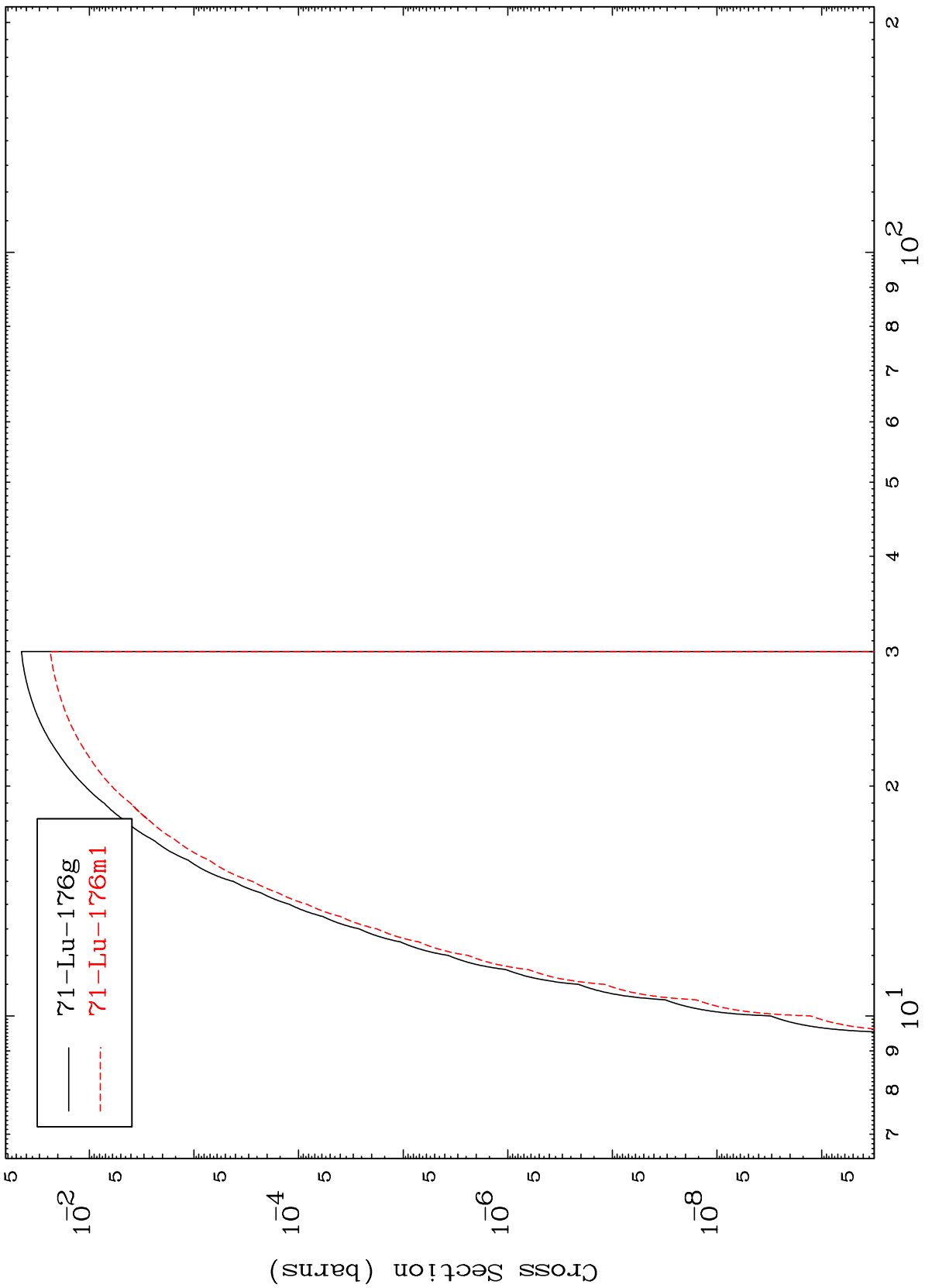
72-Hf-177

MAT 7234

(n,n') p

72-Hf-177

Radionuclide Production Cross Section

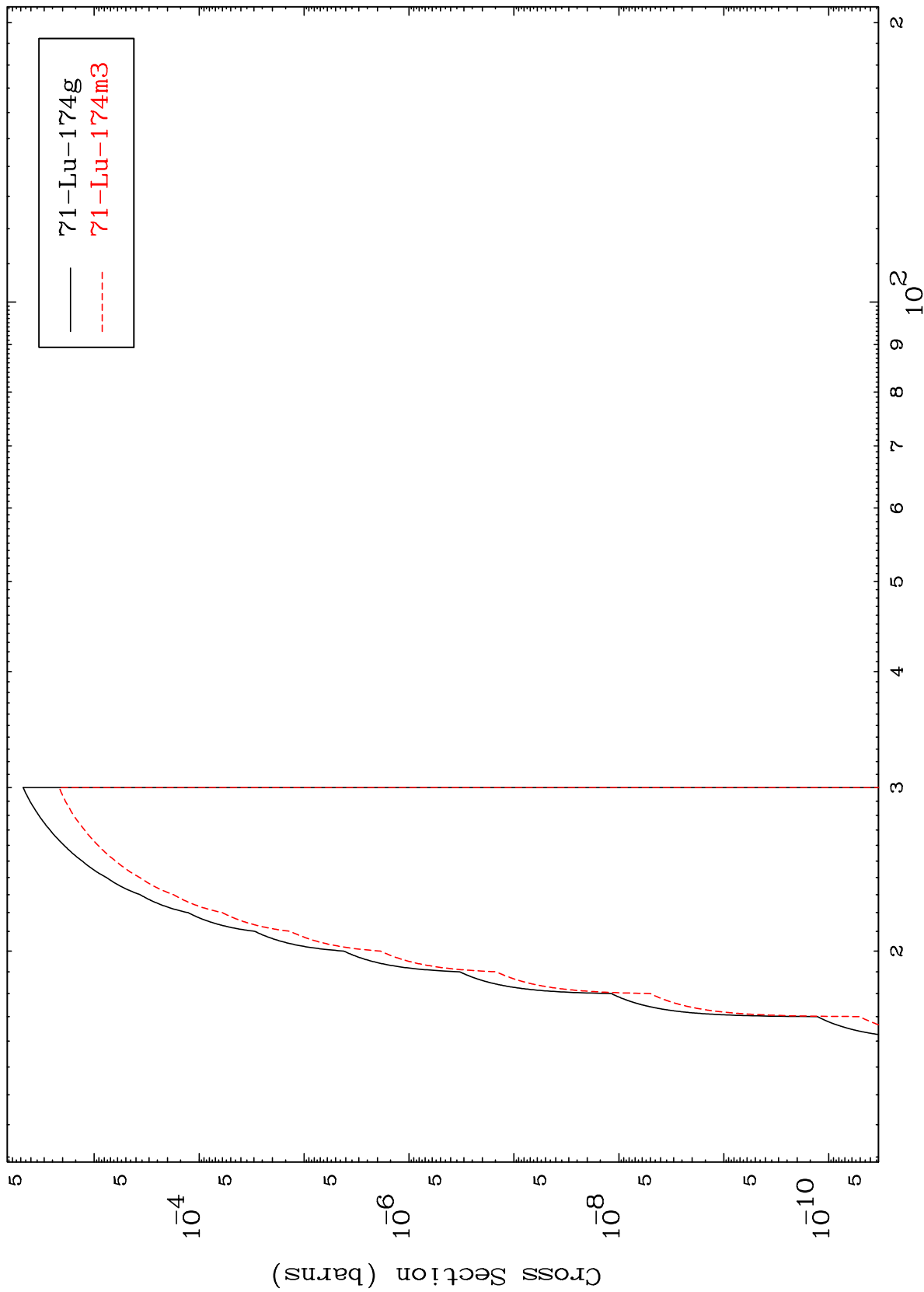


141

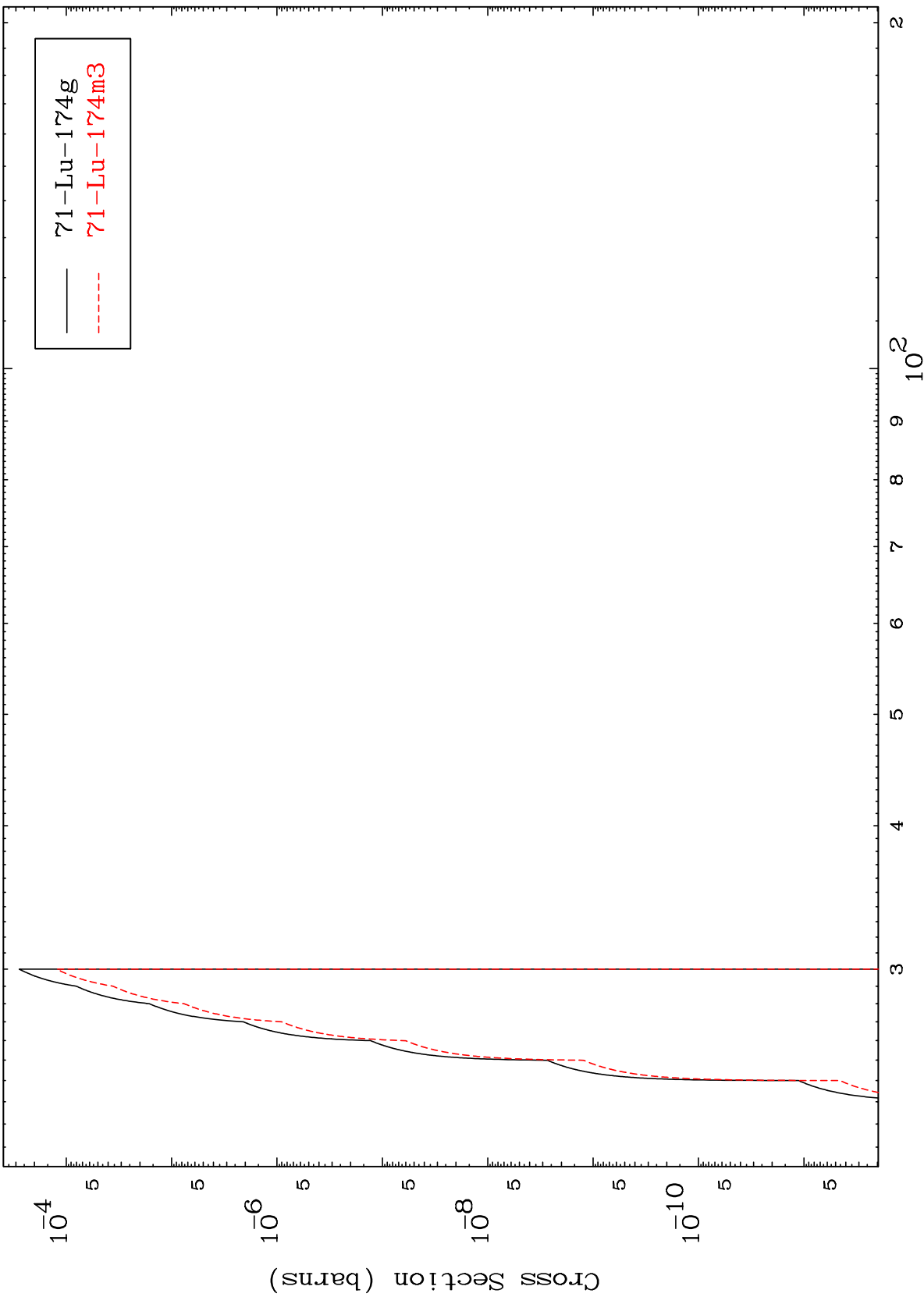
Incident Energy (MeV)

72-Hf-177

Radionuclide Production Cross Section



Radionuclide Production Cross Section



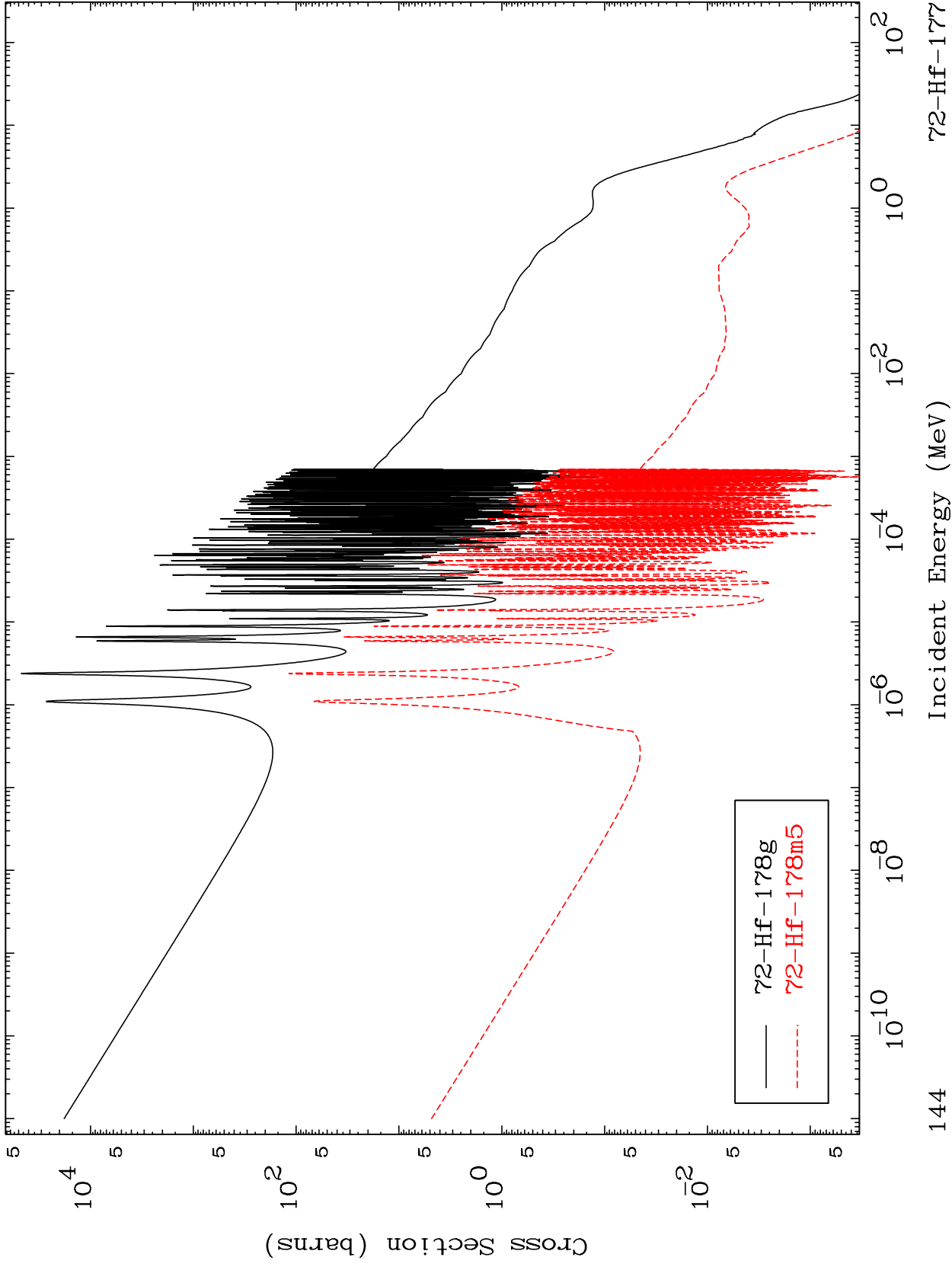
71-Lu-174g  
71-Lu-174m3

MAT 7234

72-Hf-177

Radionuclide Production Cross Section

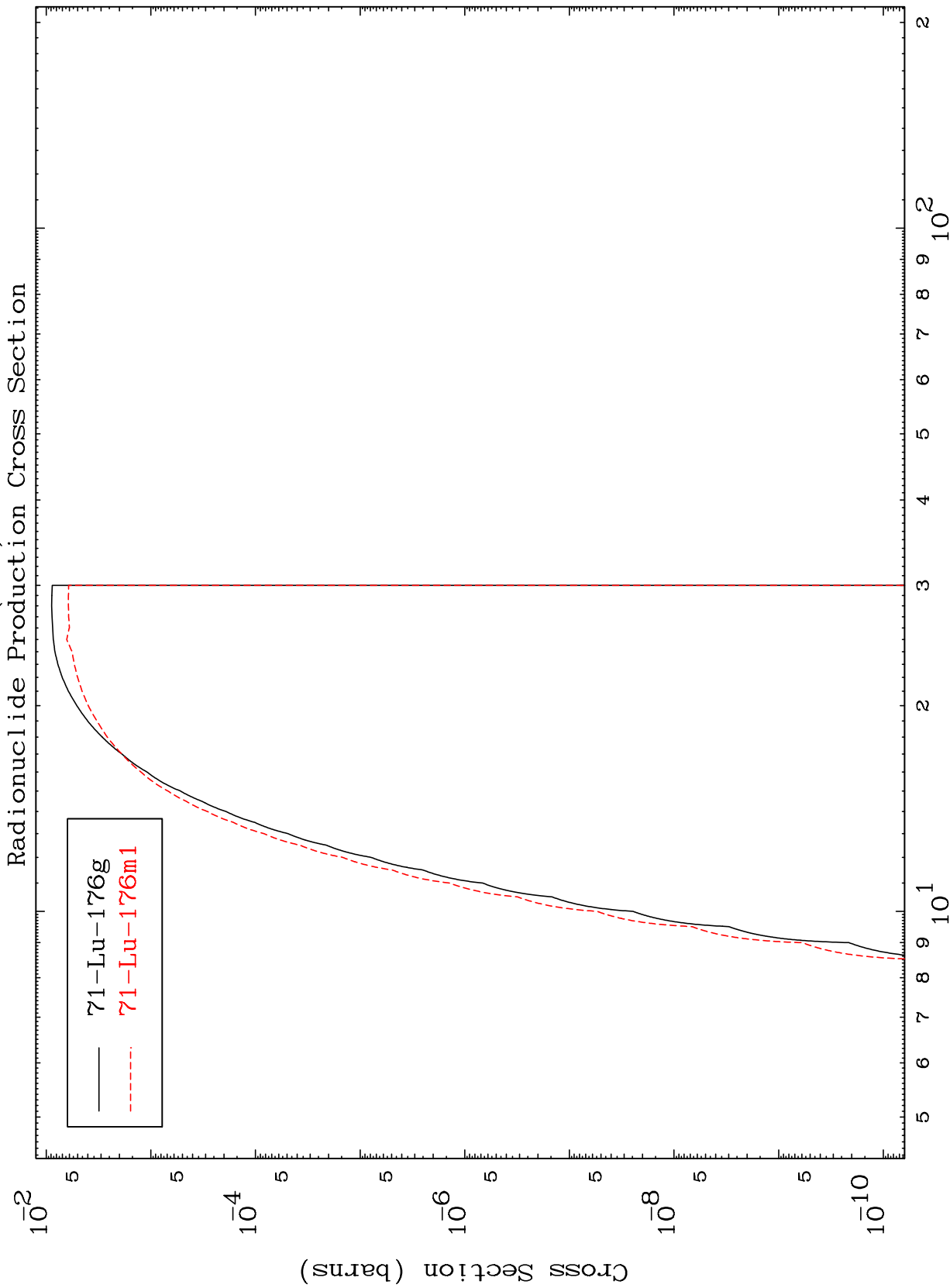
(n,  $\gamma$ )



MAT 7234

(n, d)

72-Hf-177



145

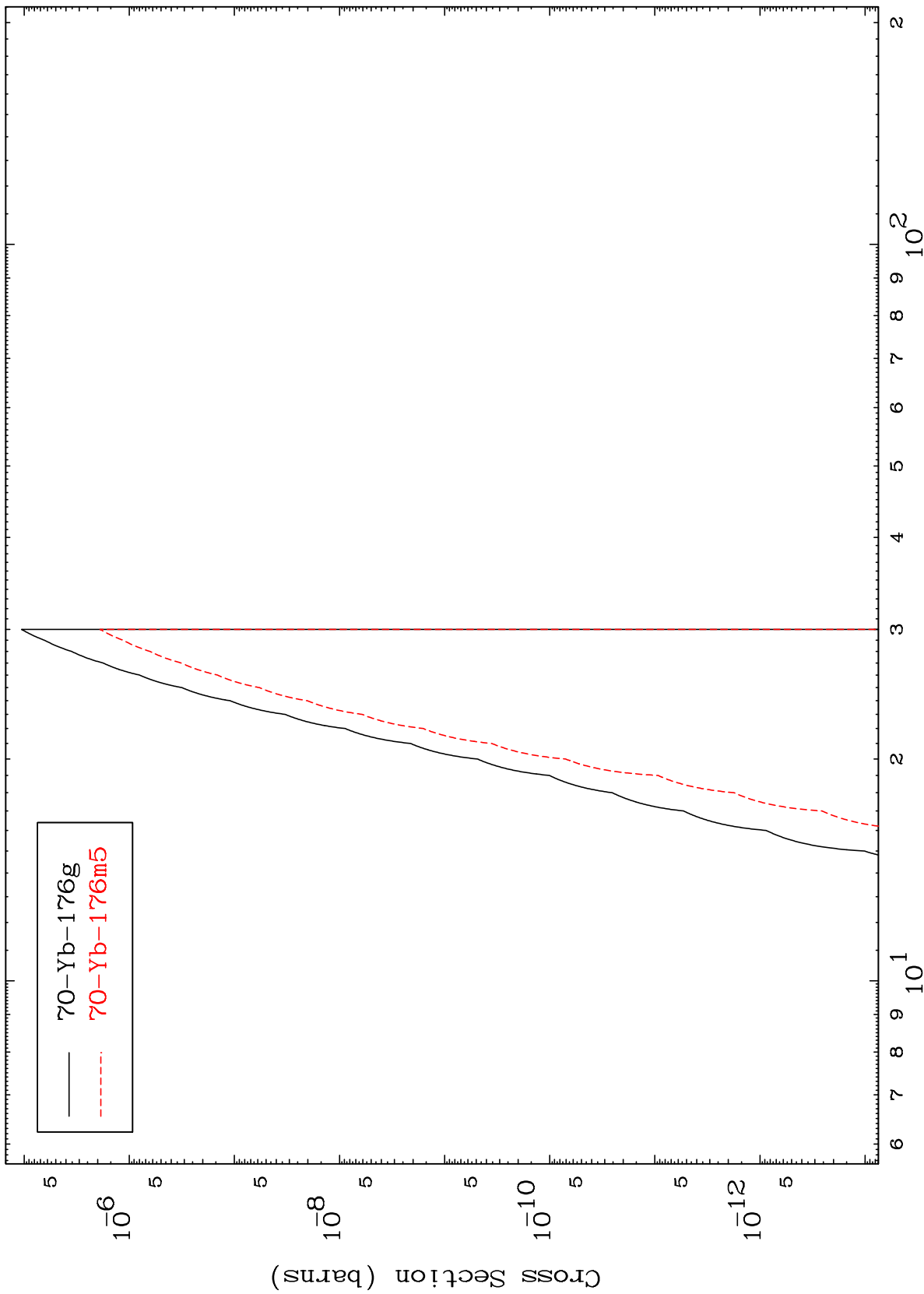
Incident Energy (MeV)

72-Hf-177

MAT 7234

72-Hf-177

(n,2p)  
Radionuclide Production Cross Section



— 70-Yb-176g  
- - - 70-Yb-176m5

146

Incident Energy (MeV)

72-Hf-177