

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

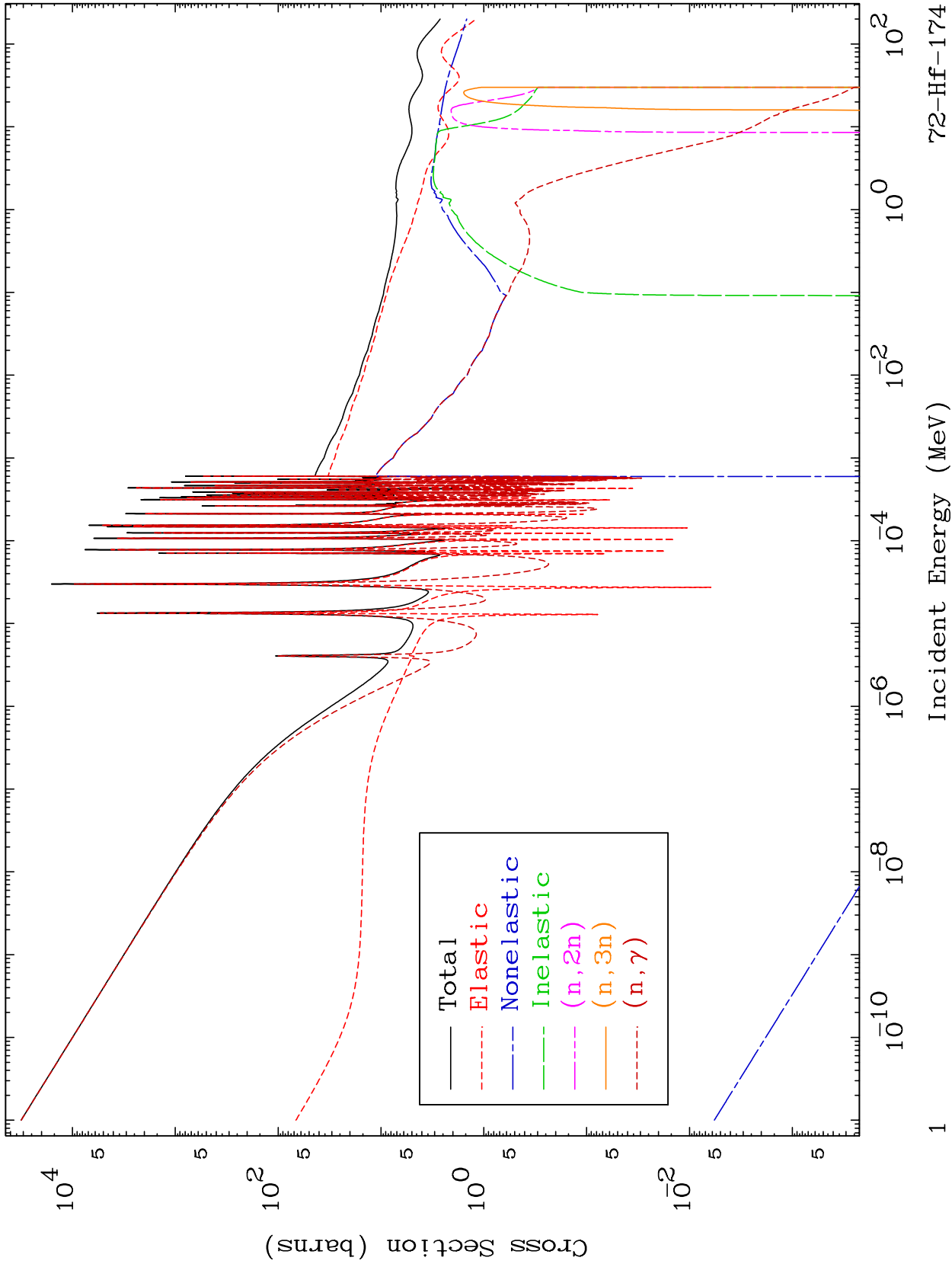
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7225

Neutron Major  
293 Kelvin Cross Sections

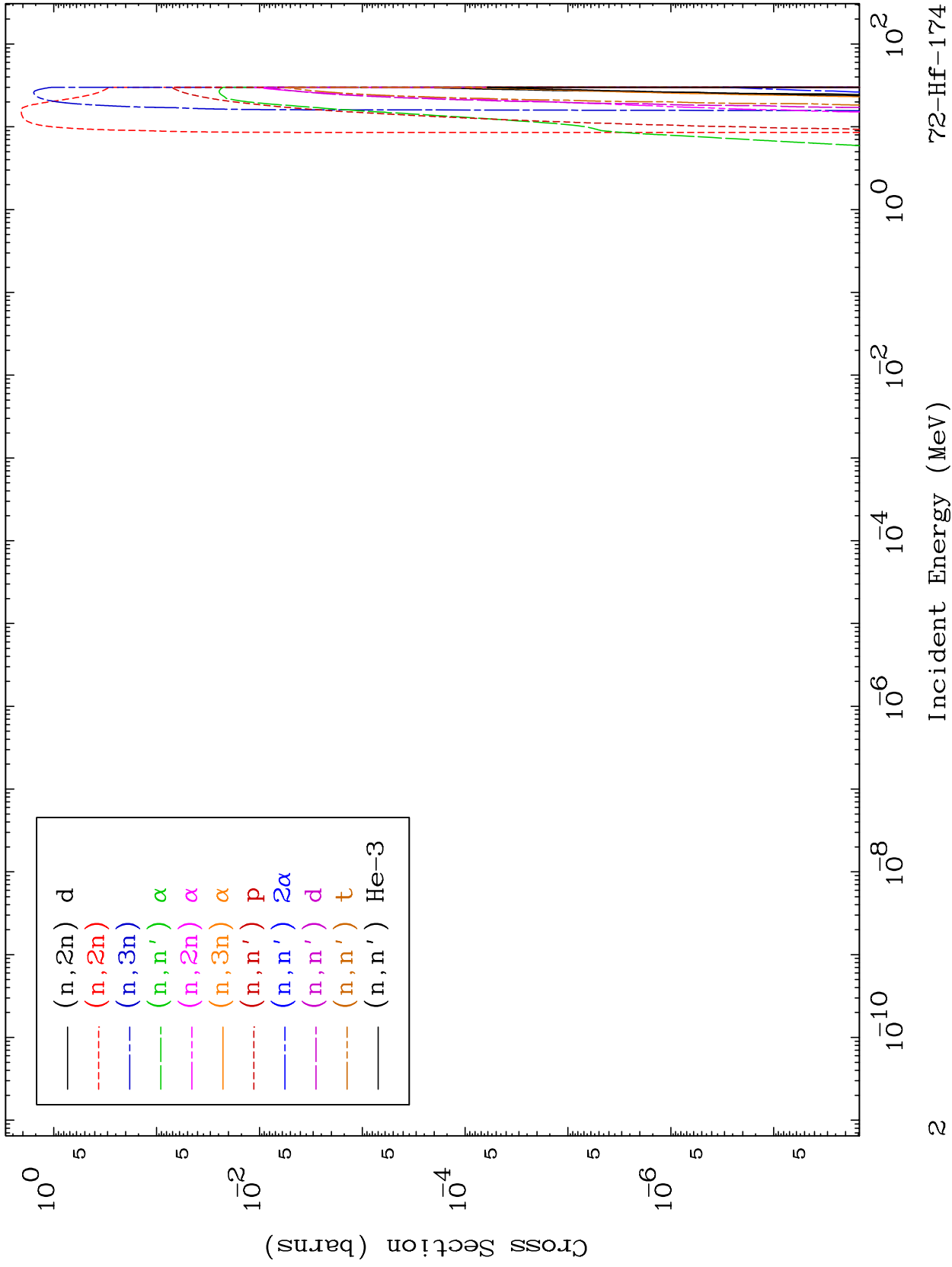
72-Hf-174



MAT 7225

Neutron Absorption  
293 Kelvin Cross Sections

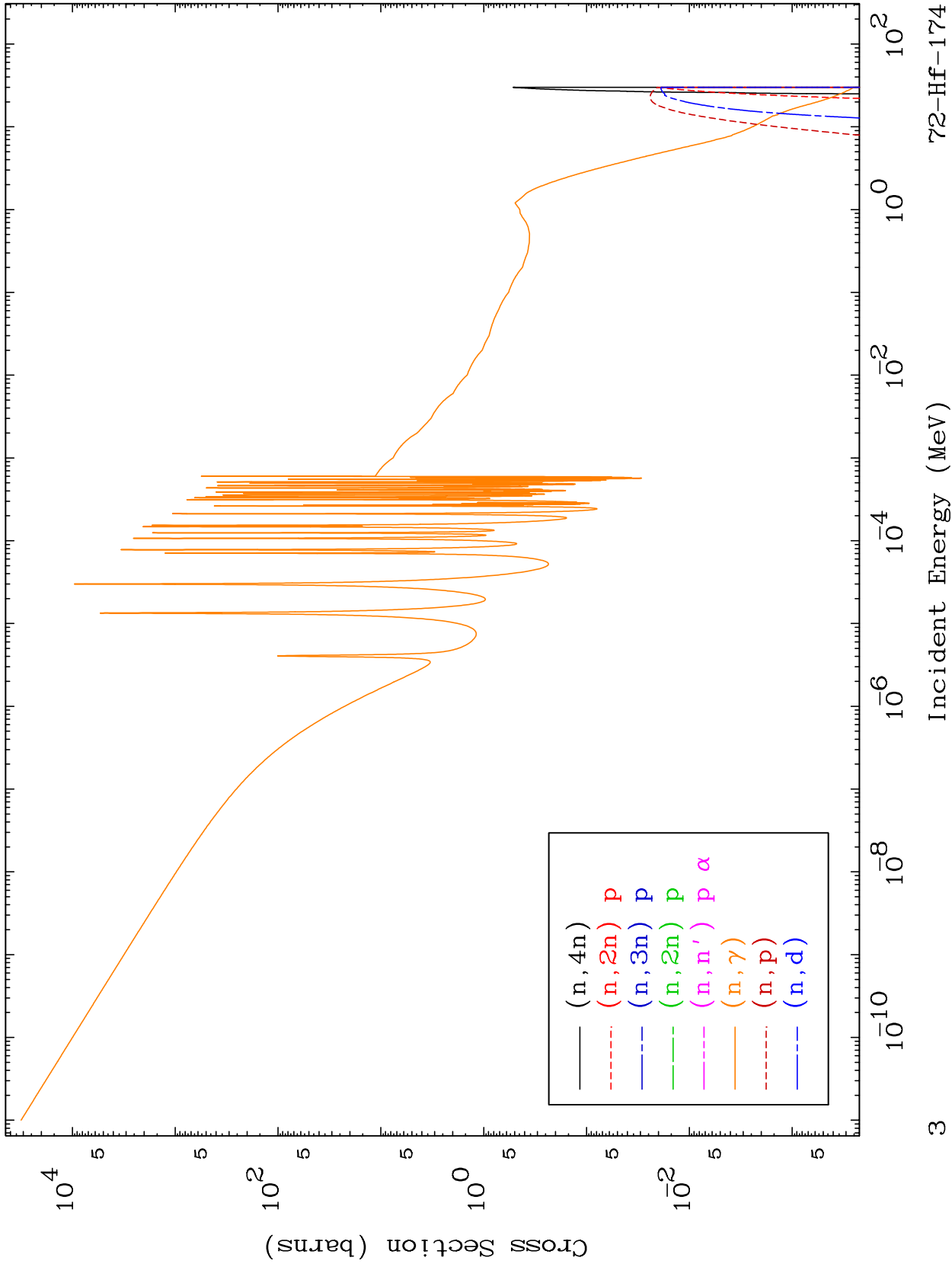
72-Hf-174



MAT 7225

Neutron Absorption  
293 Kelvin Cross Sections

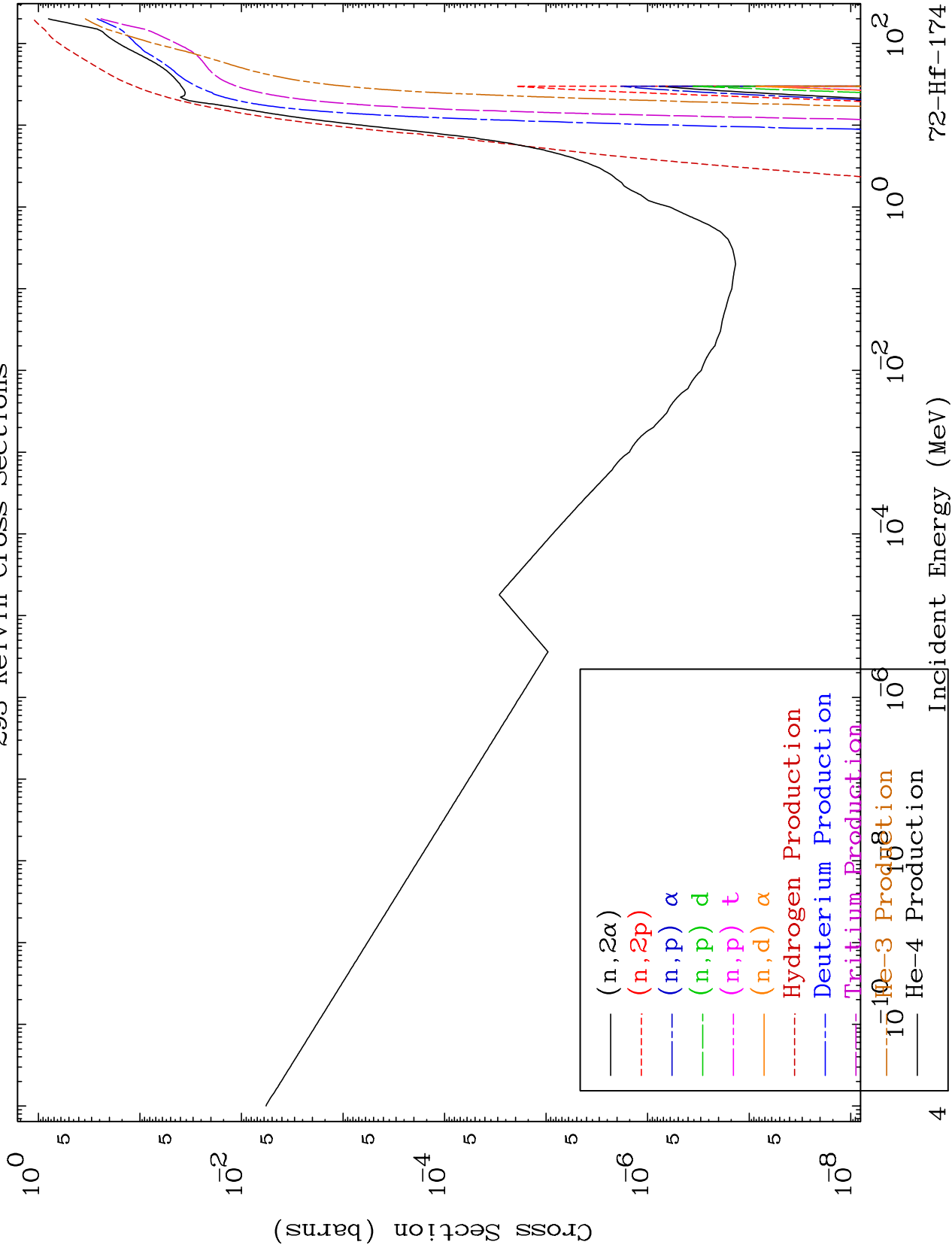
72-Hf-174



MAT 7225

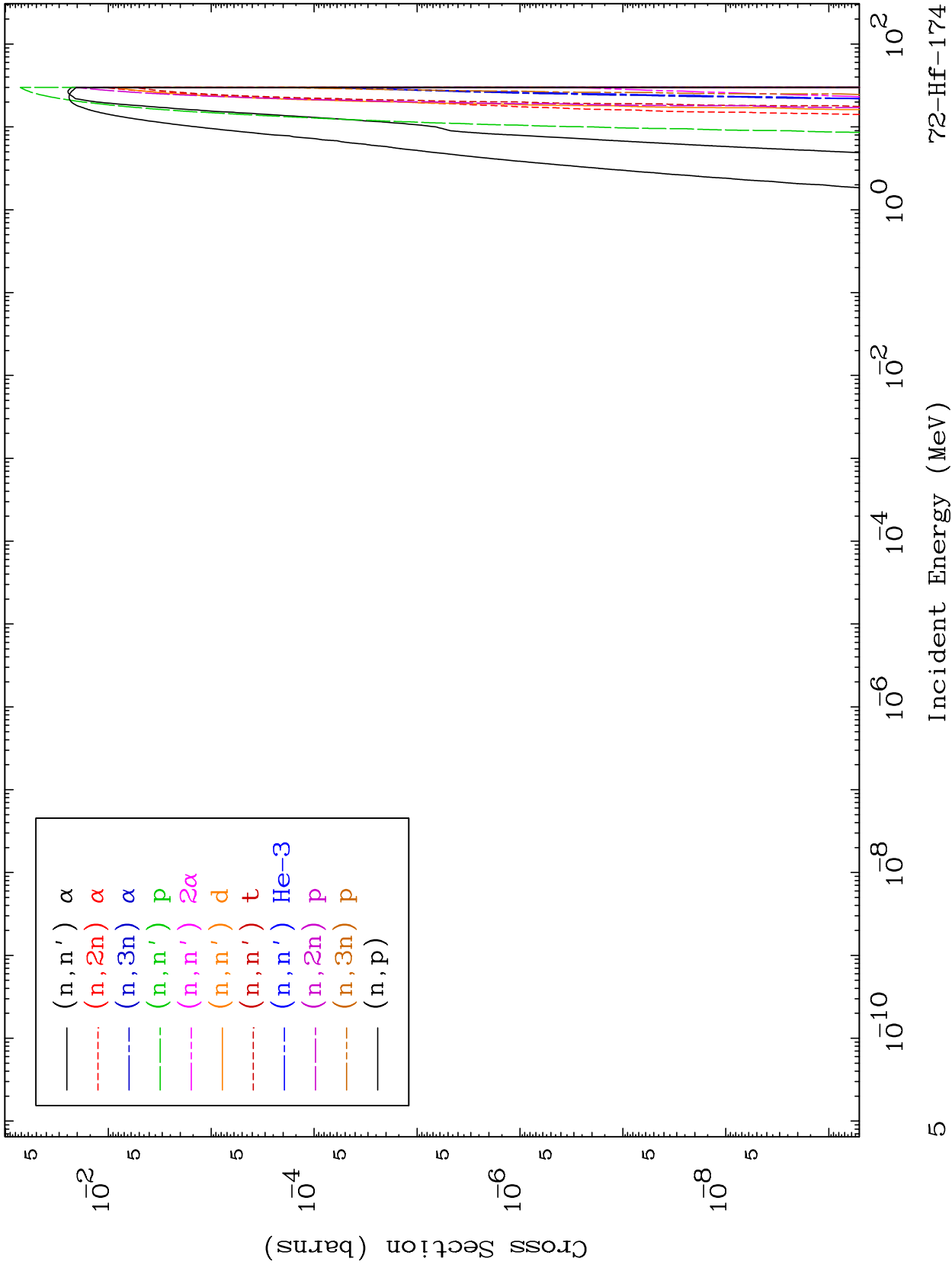
Neutron Absorption  
293 Kelvin Cross Sections

72-Hf-174



72-Hf-174

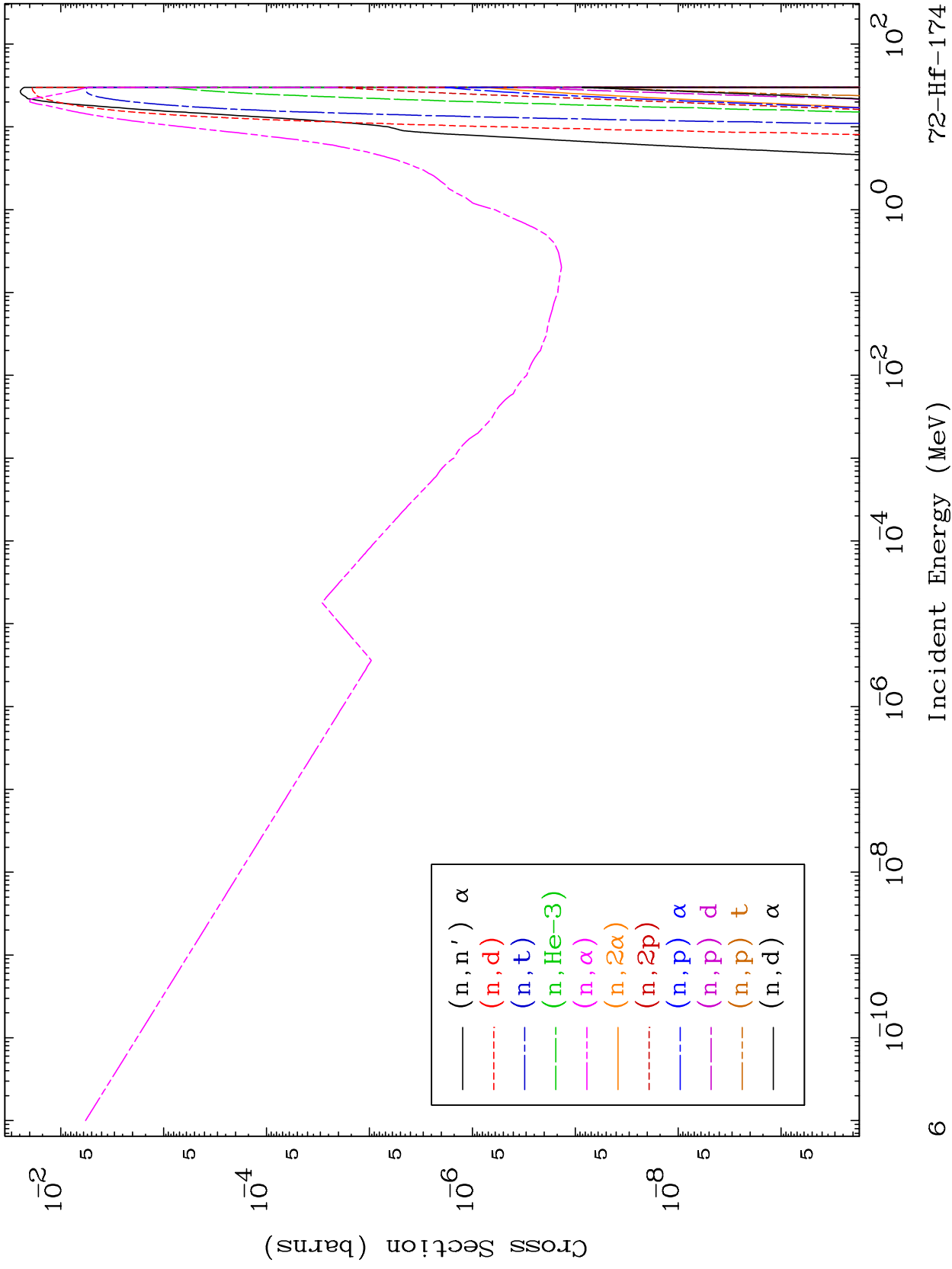
Incident Energy (MeV)



MAT 7225

Charged Particle  
293 Kelvin Cross Sections

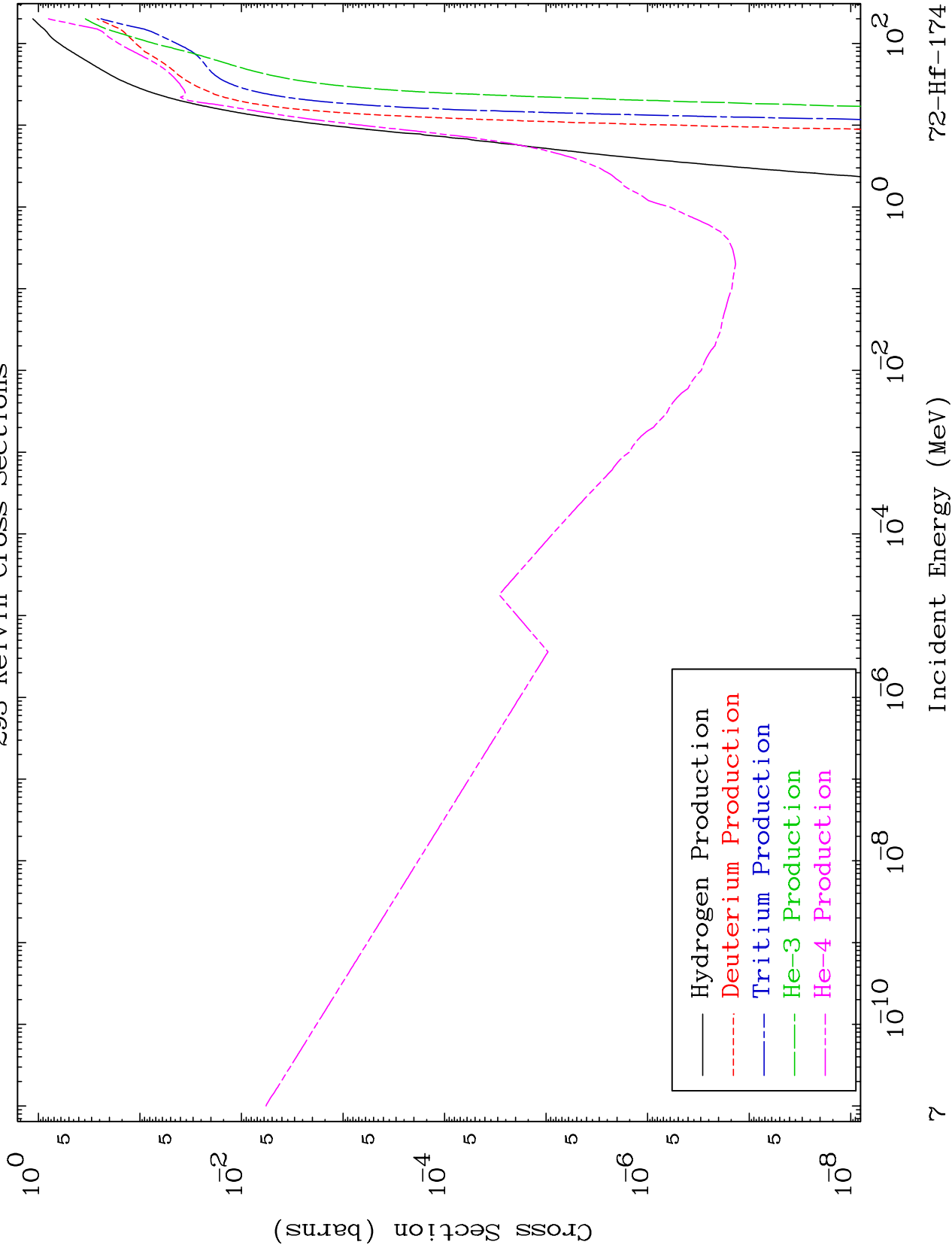
72-Hf-174



MAT 7225

Particle Production  
293 Kelvin Cross Sections

72-Hf-174



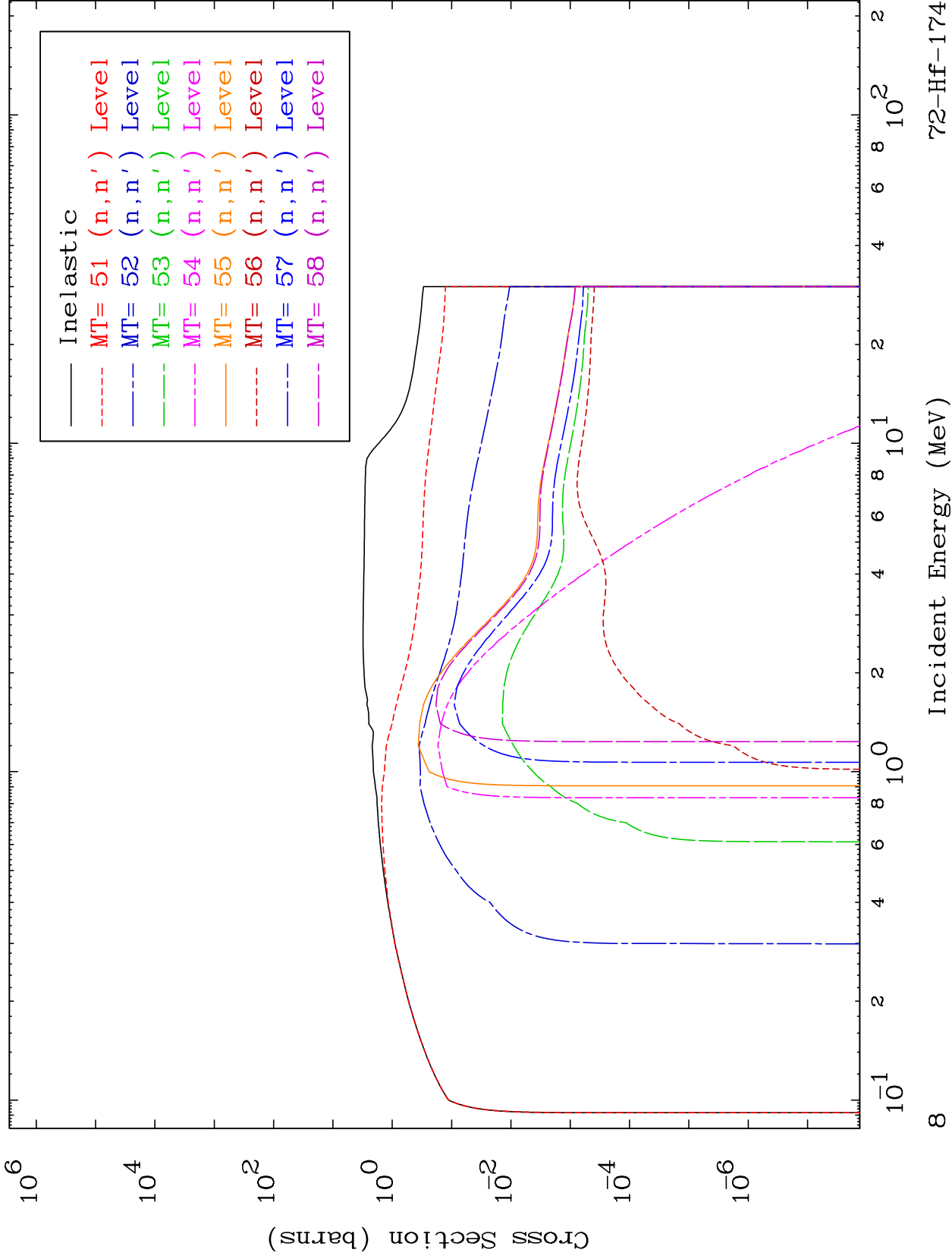


MAT 7225

(n,n') Levels

293 Kelvin Cross Sections

72-Hf-174



72-Hf-174

Incident Energy (MeV)

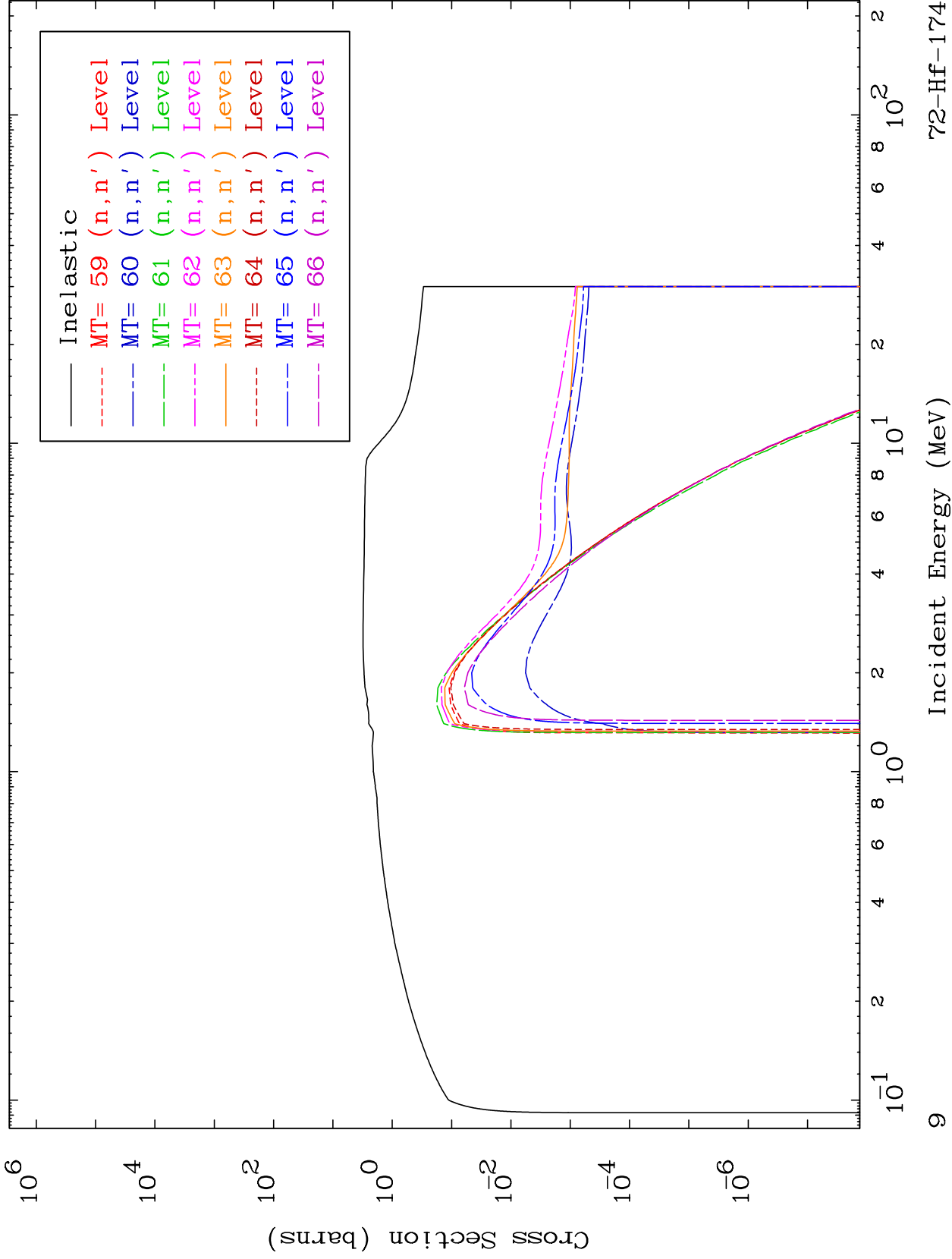
8

MAT 7225

(n,n') Levels

293 Kelvin Cross Sections

72-Hf-174

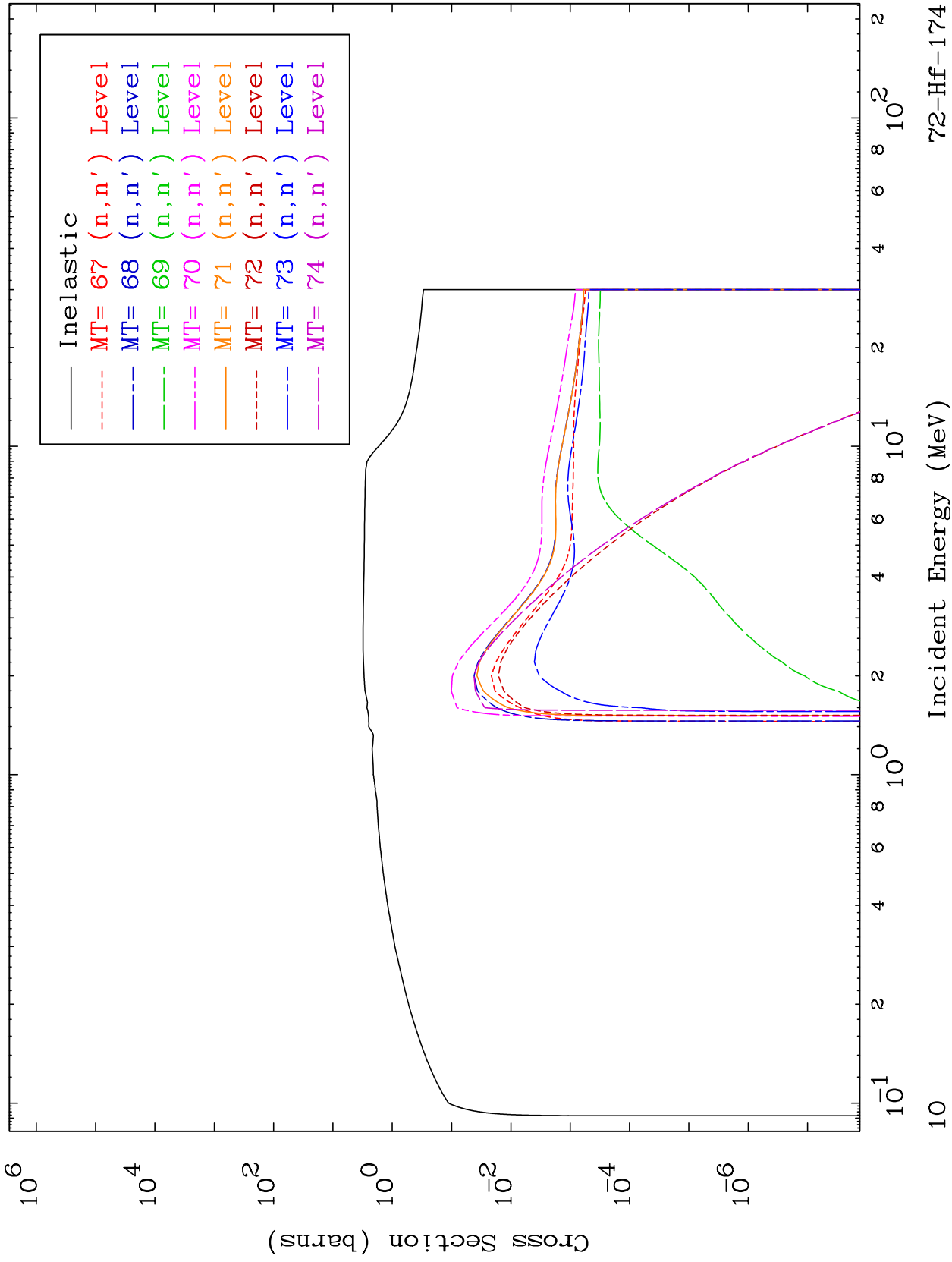


MAT 7225

(n,n') Levels

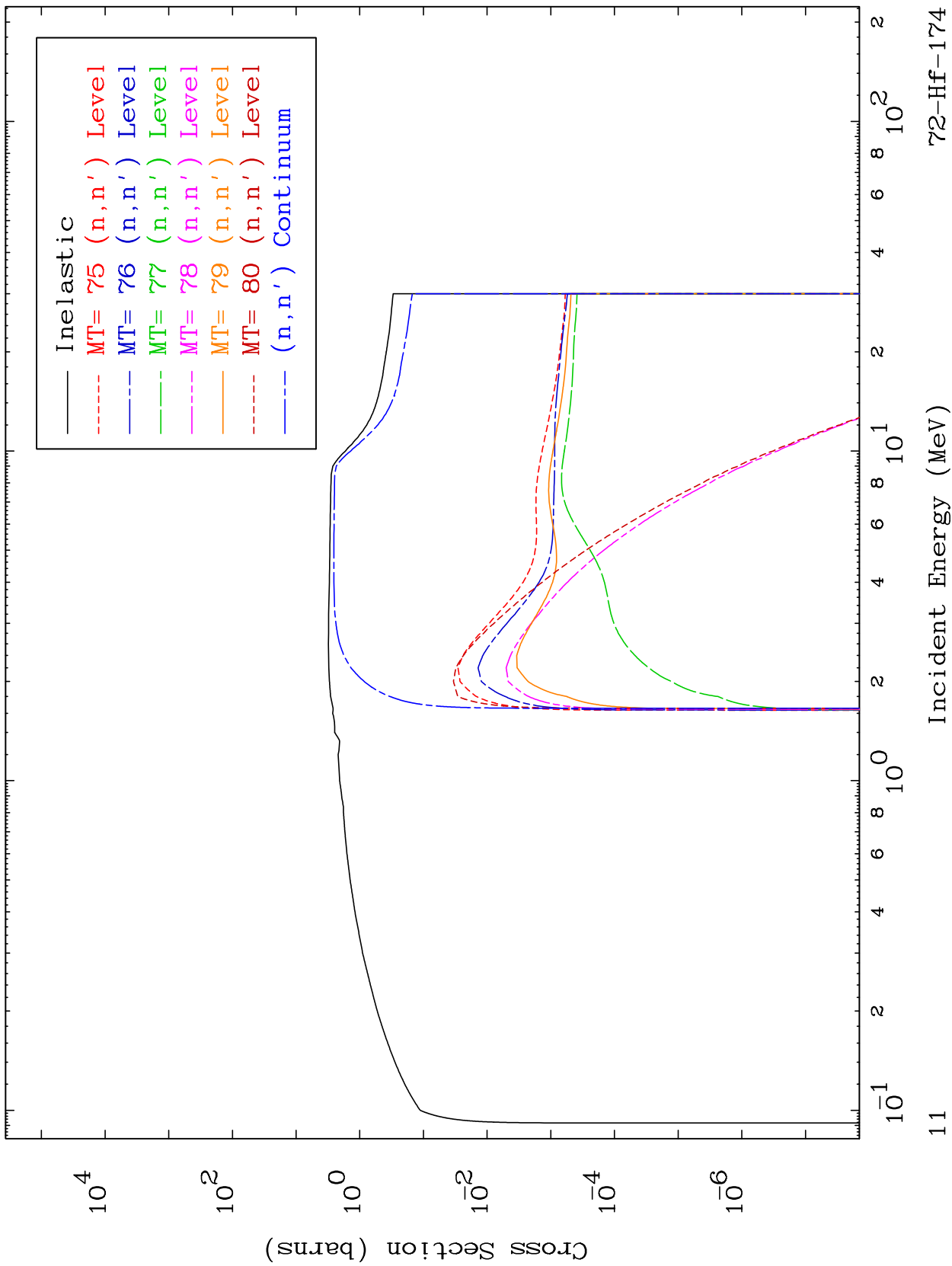
293 Kelvin Cross Sections

72-Hf-174



72-Hf-174

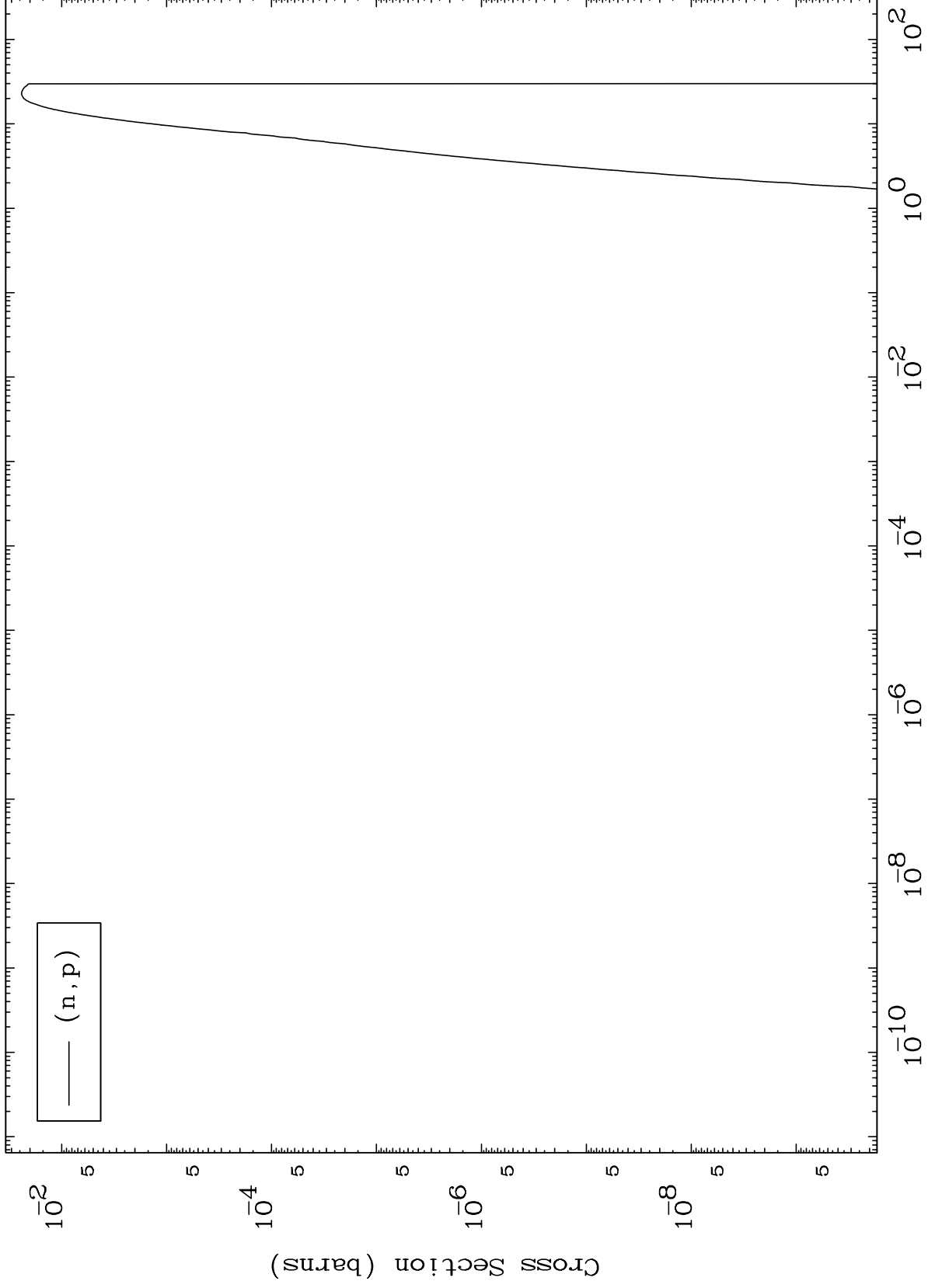
Incident Energy (MeV)



MAT 7225

(n,p) Levels  
293 Kelvin Cross Sections

72-Hf-174



12

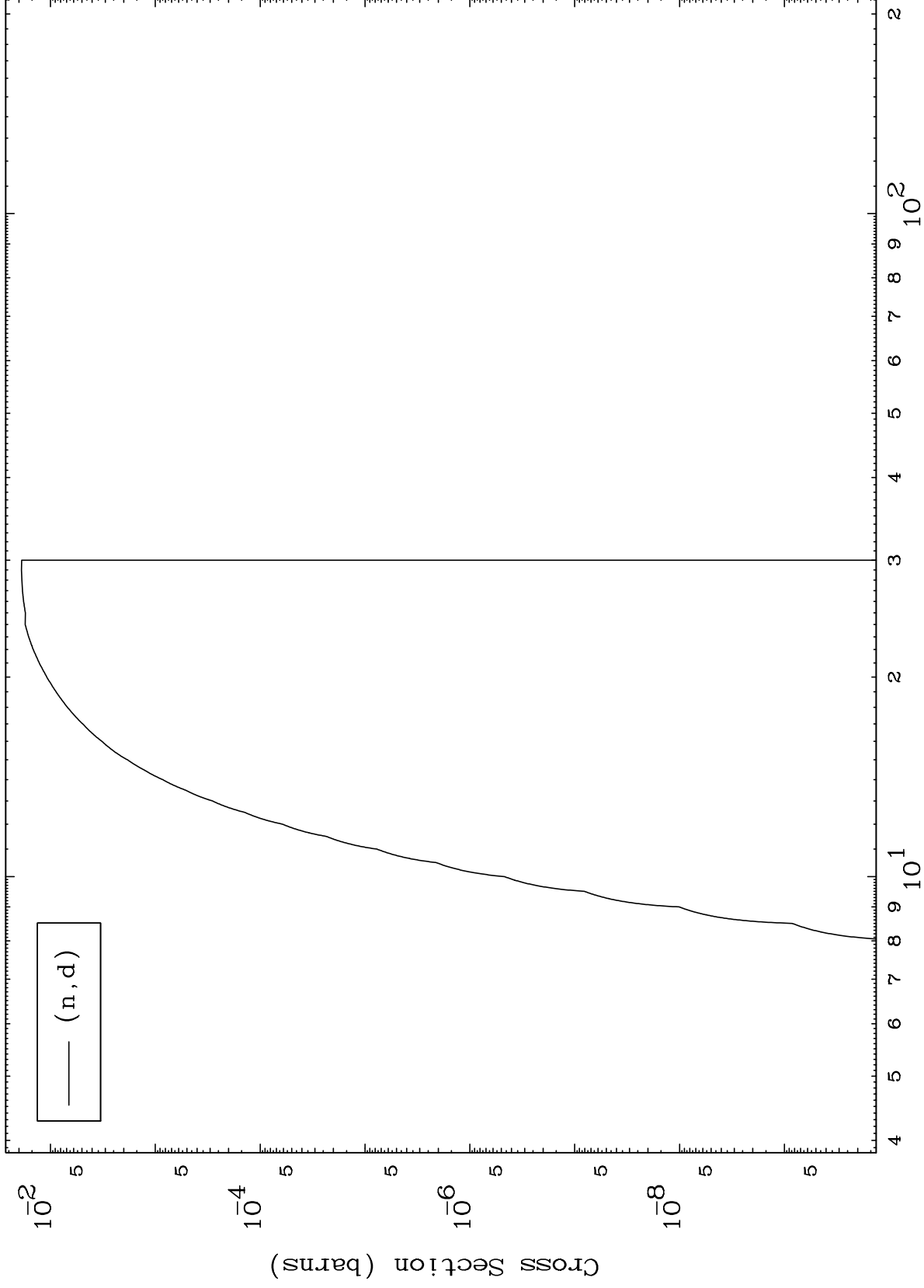
Incident Energy (MeV)

72-Hf-174

MAT 7225

(n,d) Levels  
293 Kelvin Cross Sections

72-Hf-174



13

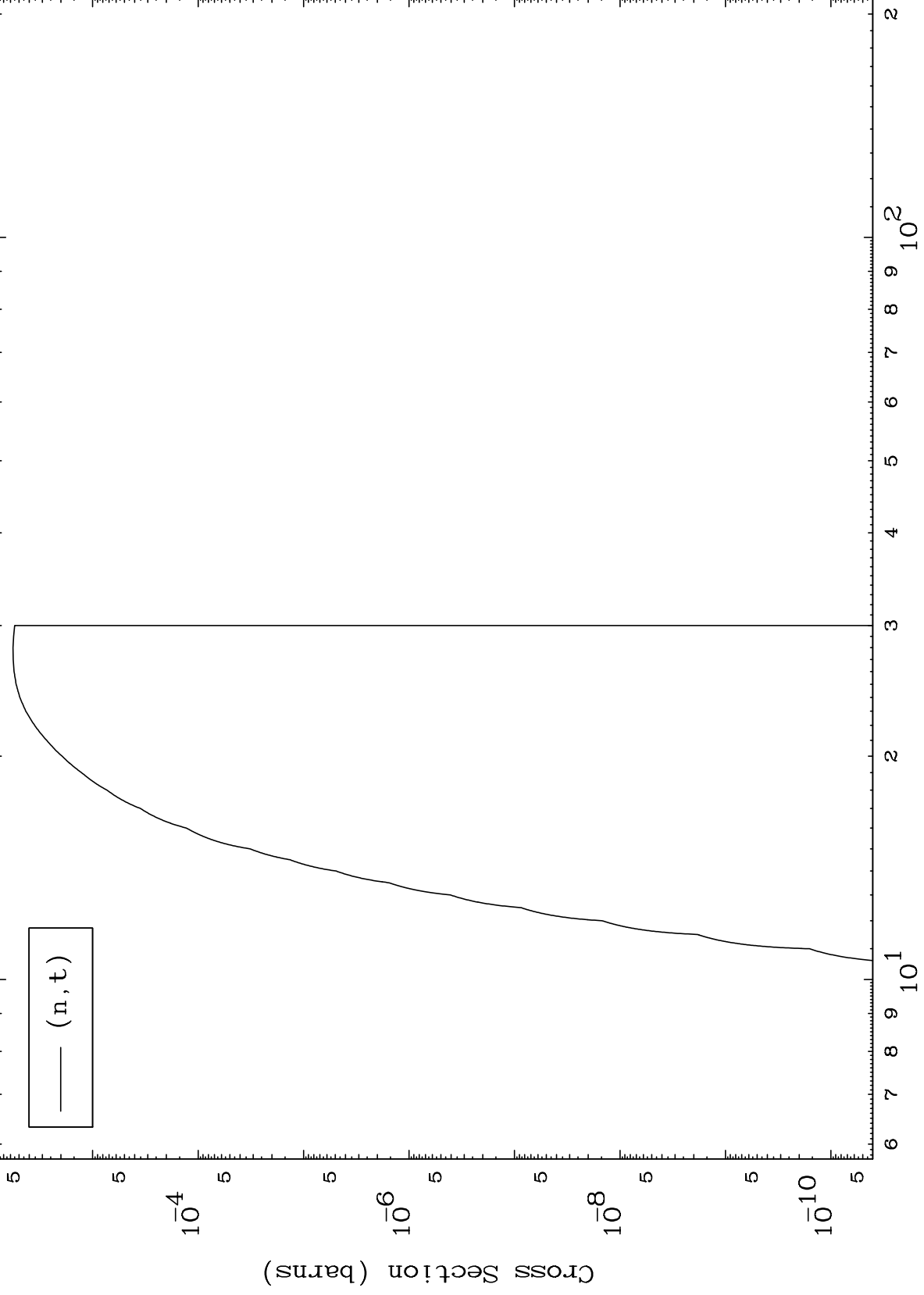
Incident Energy (MeV)

72-Hf-174

MAT 7225

(n,t) Levels  
293 Kelvin Cross Sections

72-Hf-174



14

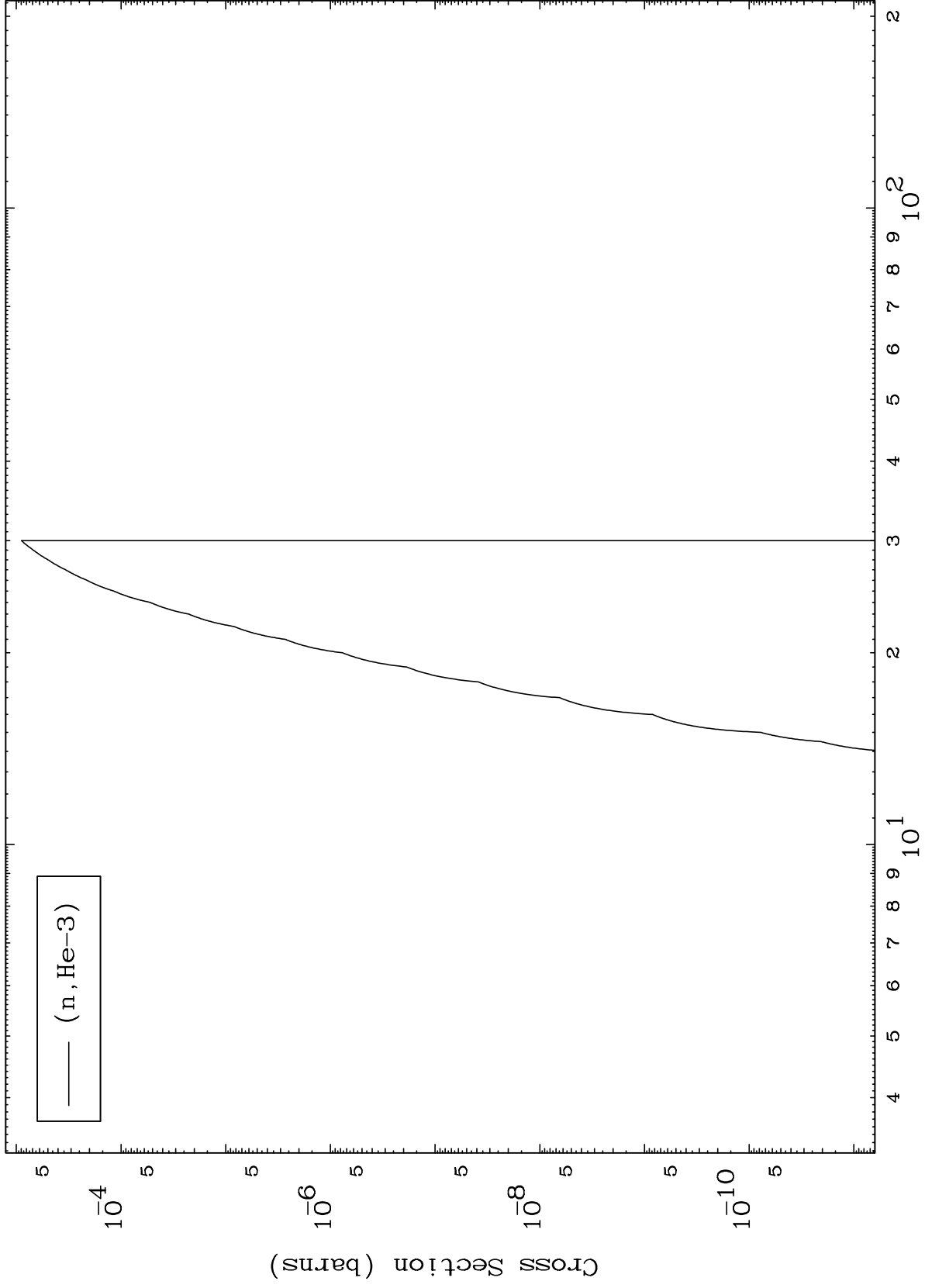
Incident Energy (MeV)

72-Hf-174

MAT 7225

(n,He3) Levels  
293 Kelvin Cross Sections

72-Hf-174



15

Incident Energy (MeV)

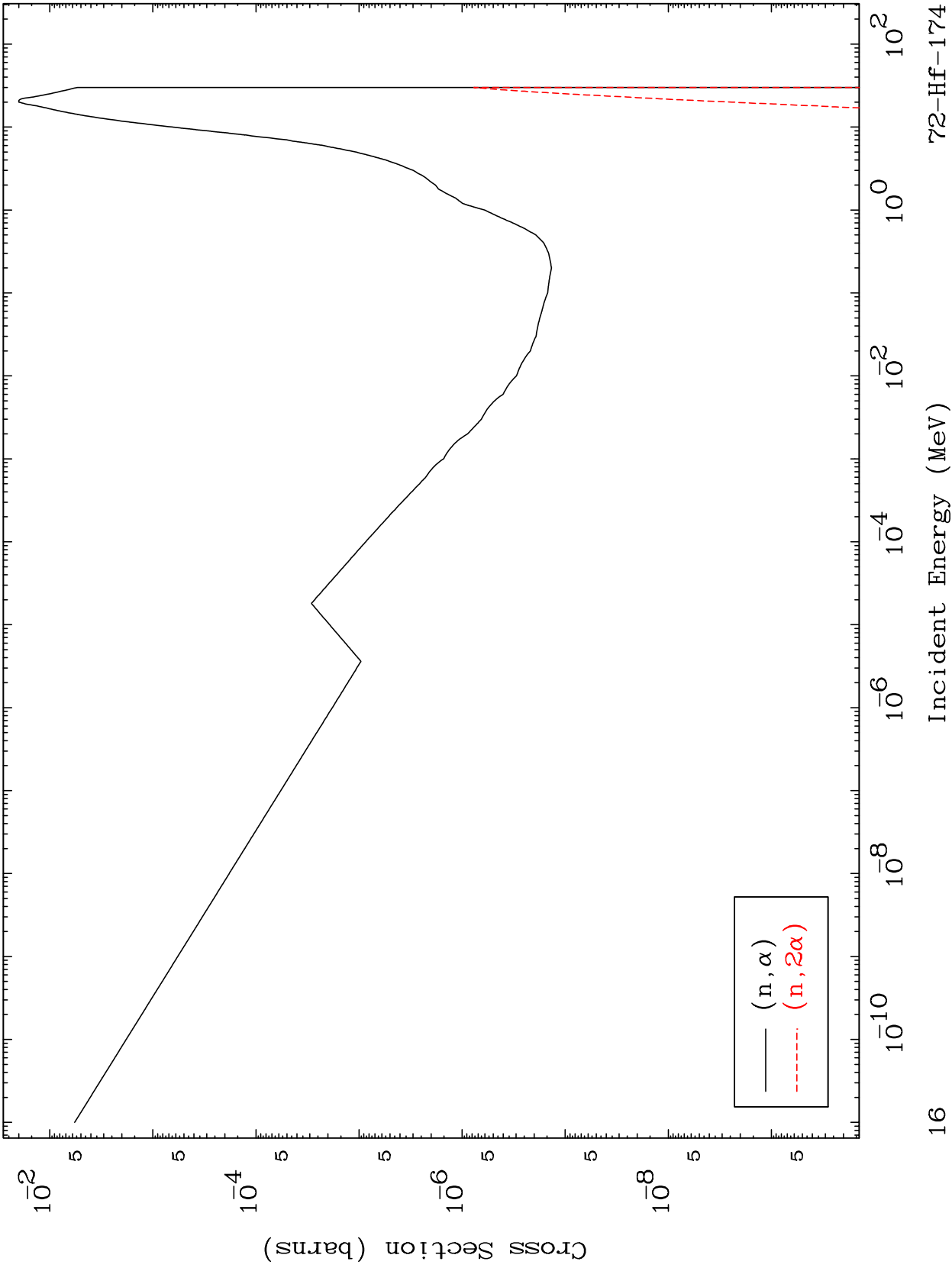
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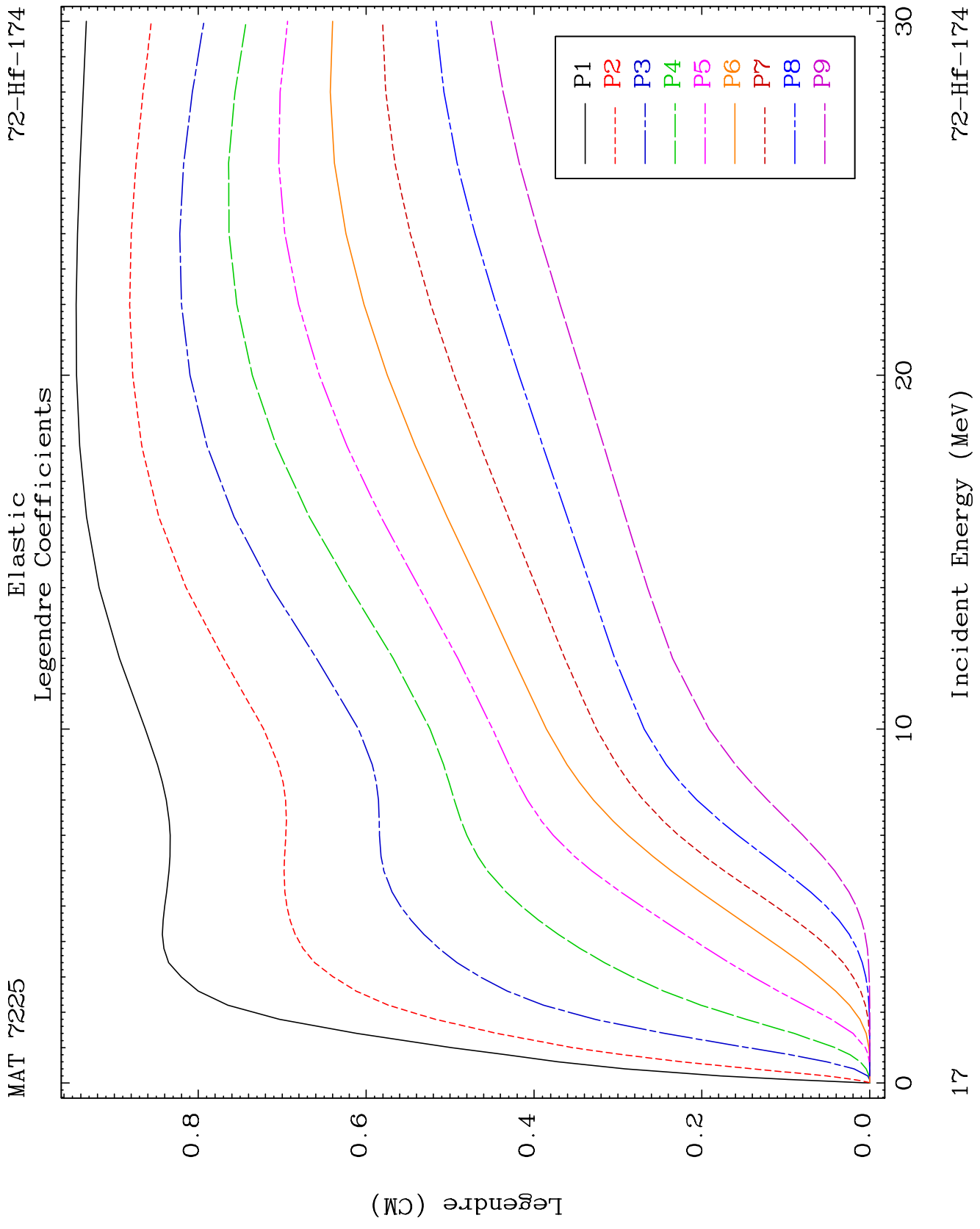


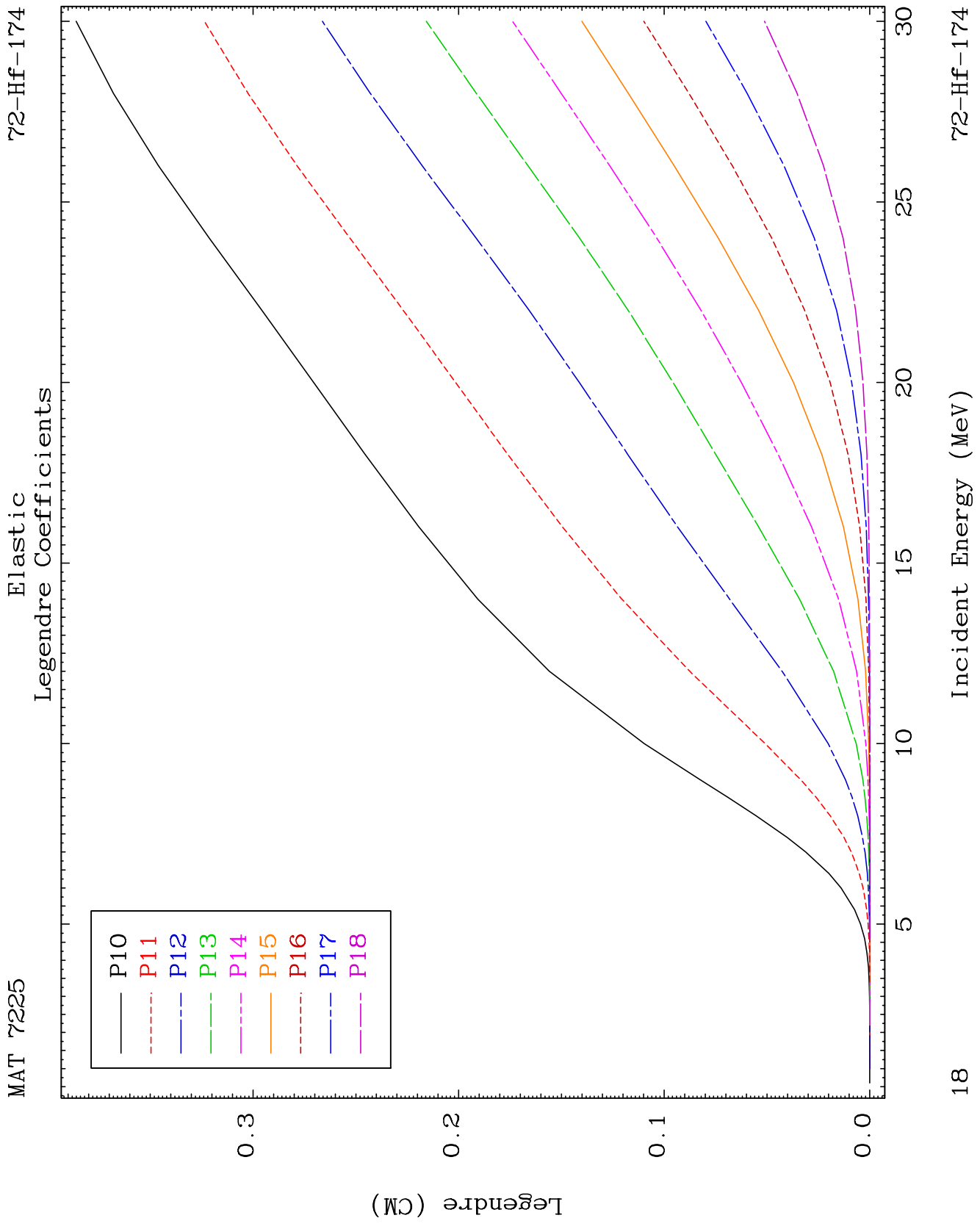
MAT 7225

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

72-Hf-174



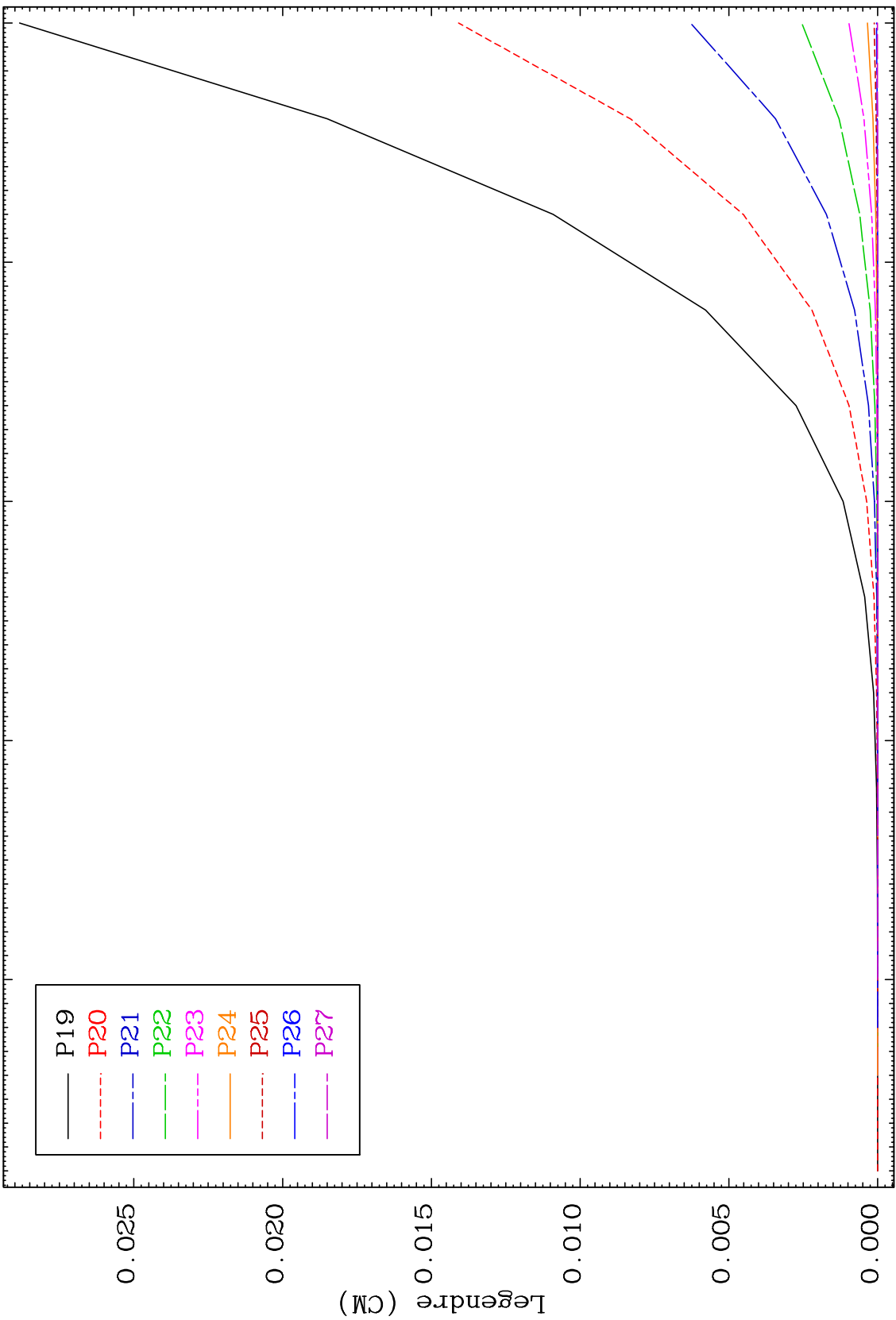




MAT 7225

### Elastic Legendre Coefficients

72-Hf-174



19

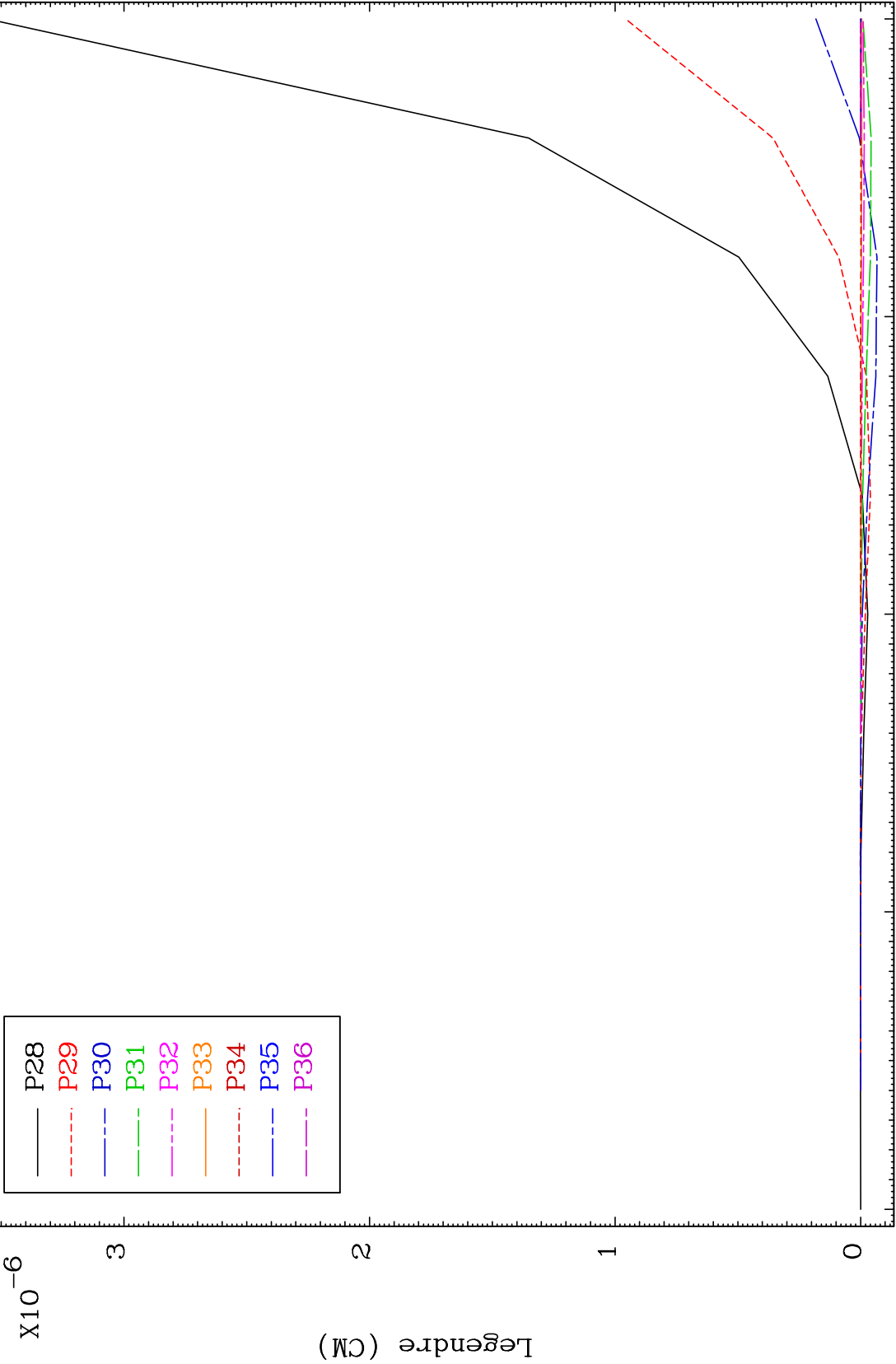
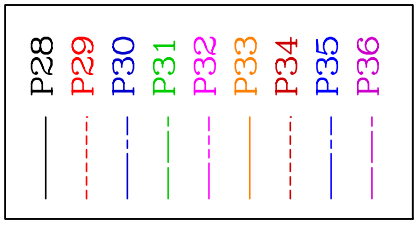
Incident Energy (MeV)

72-Hf-174

MAT 7225

Elastic Legendre Coefficients

72-Hf-174



72-Hf-174

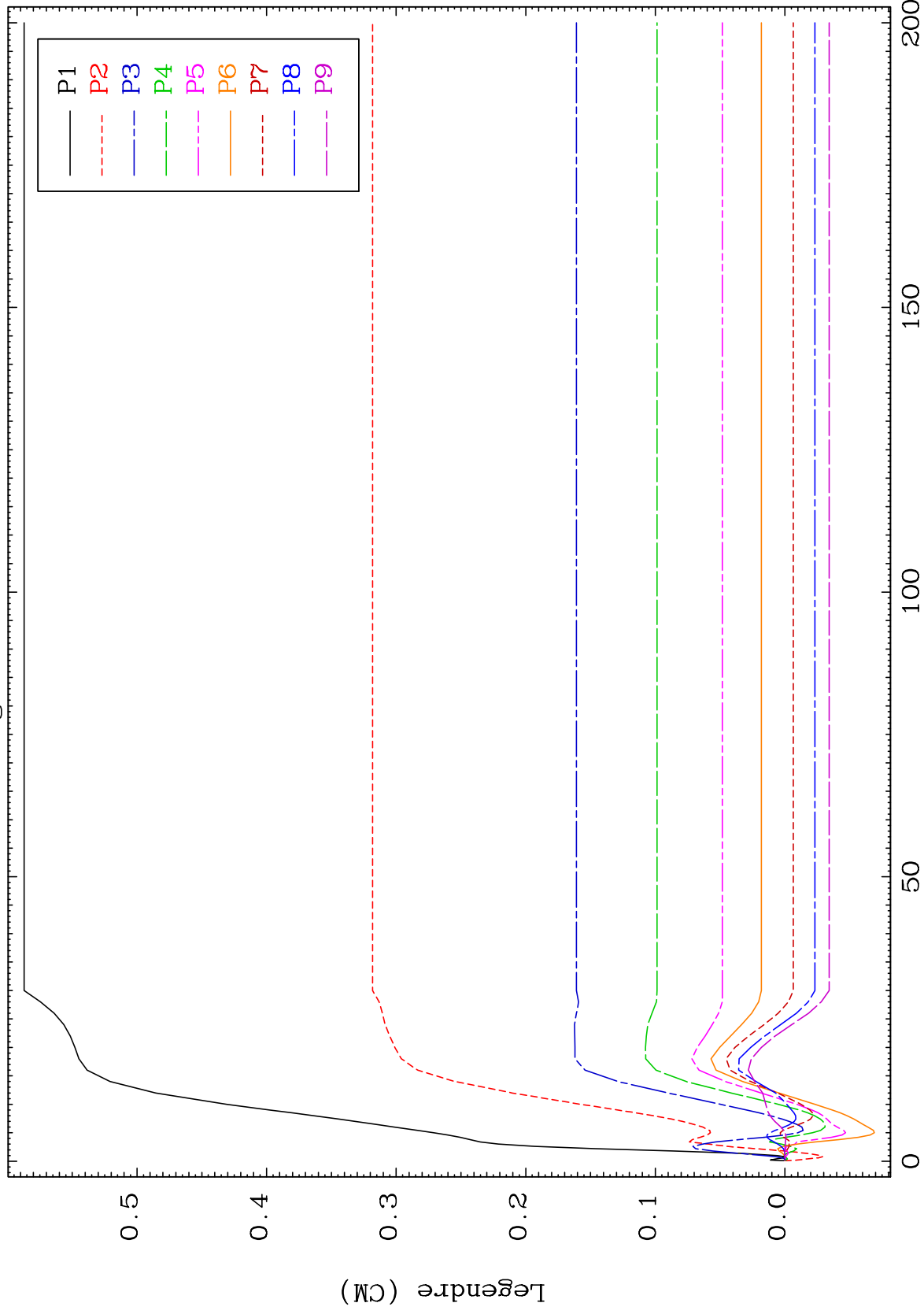
Incident Energy (MeV)

20

MAT 7225

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

72-Hf-174



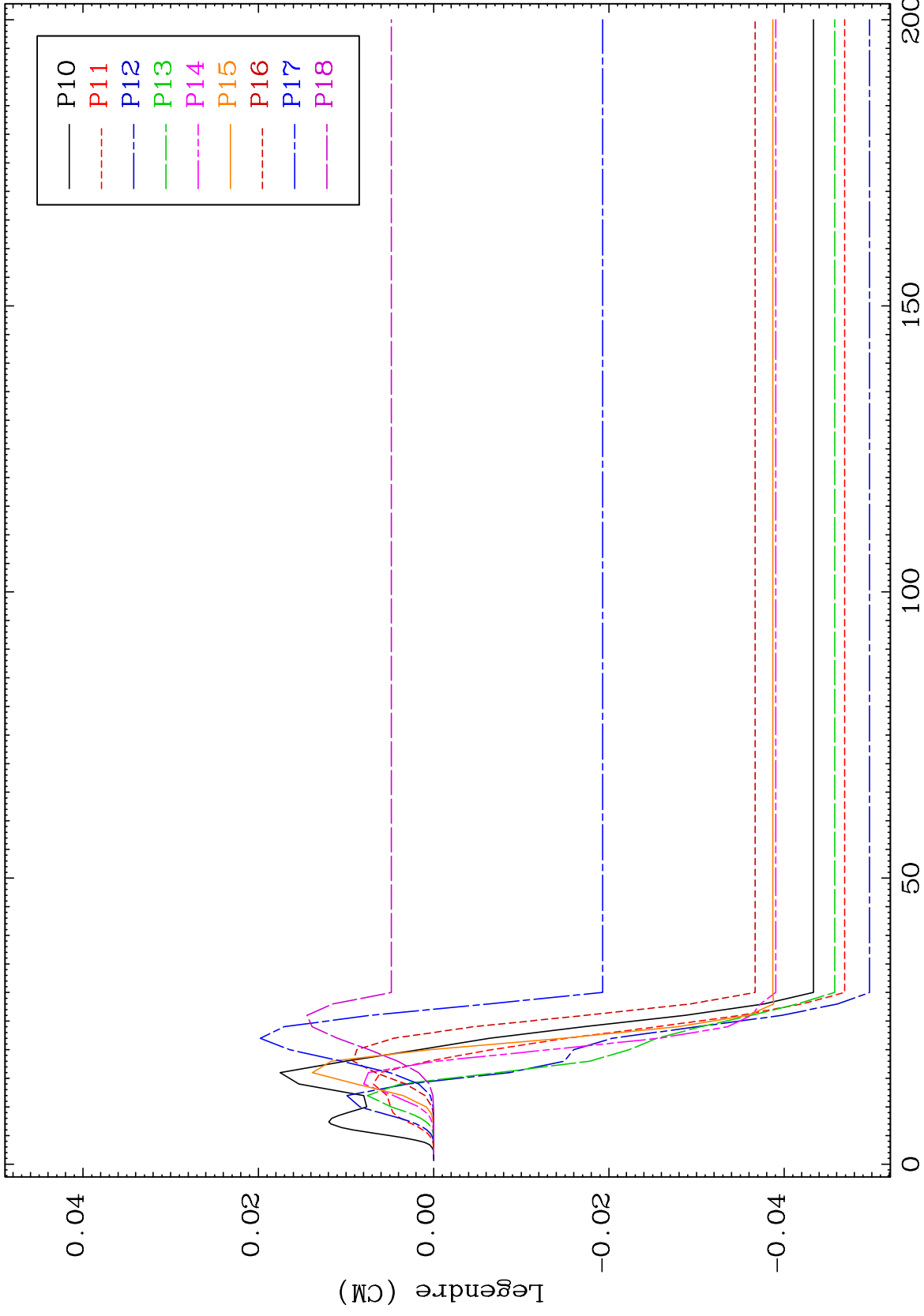
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72-Hf-174

MAT 7225

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

72-Hf-174



22

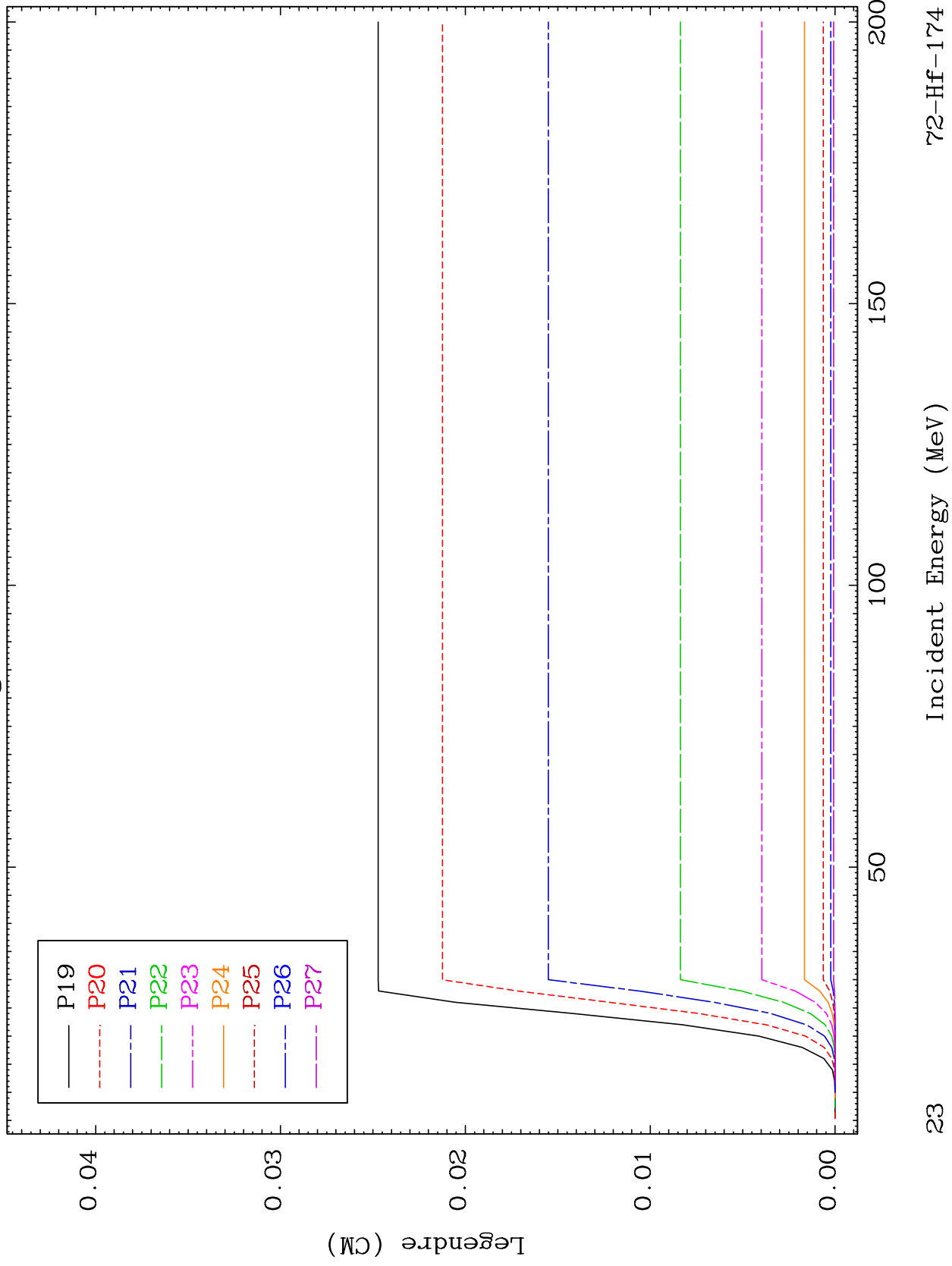
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



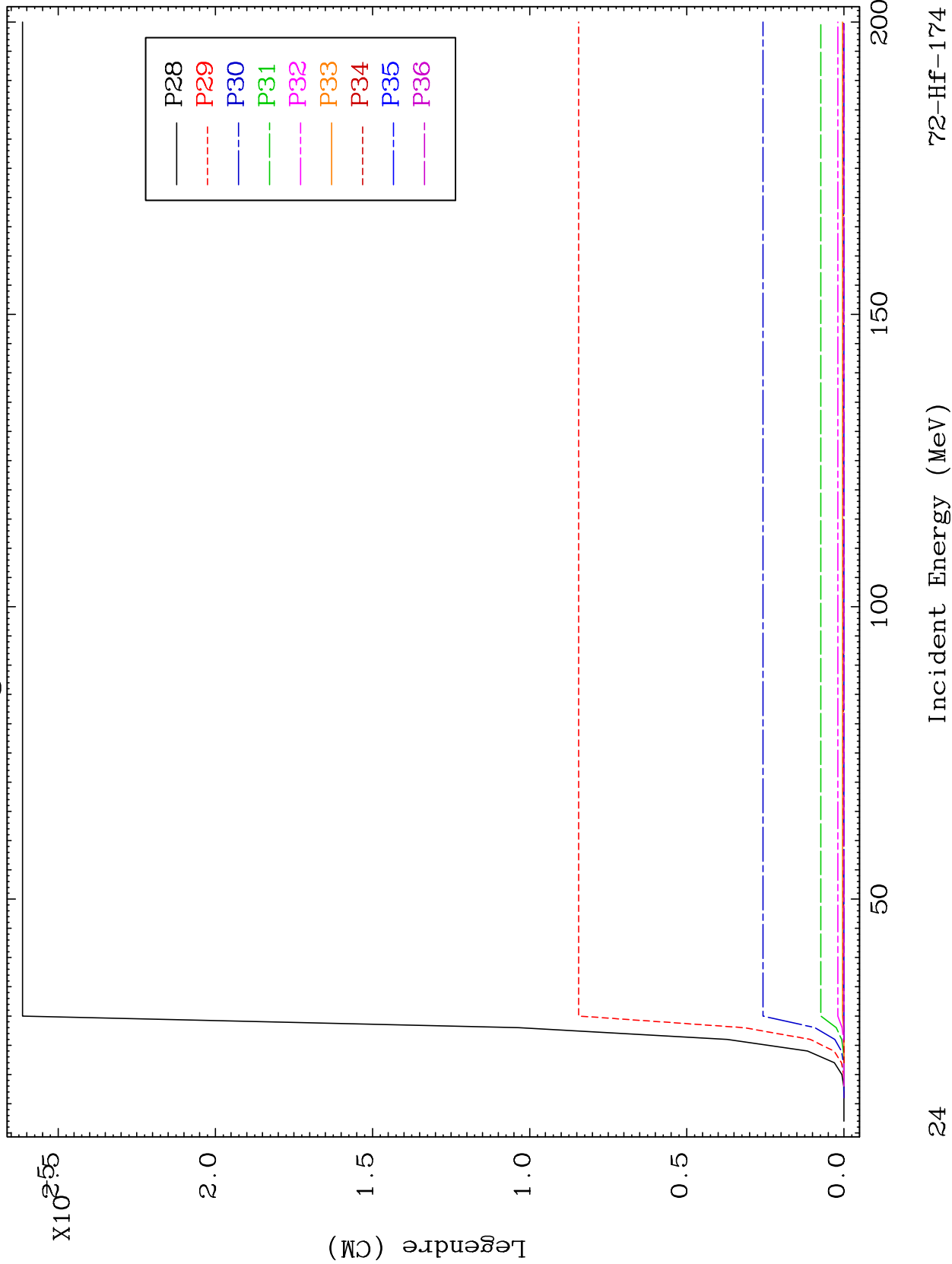
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MAT 7225

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

72-Hf-174



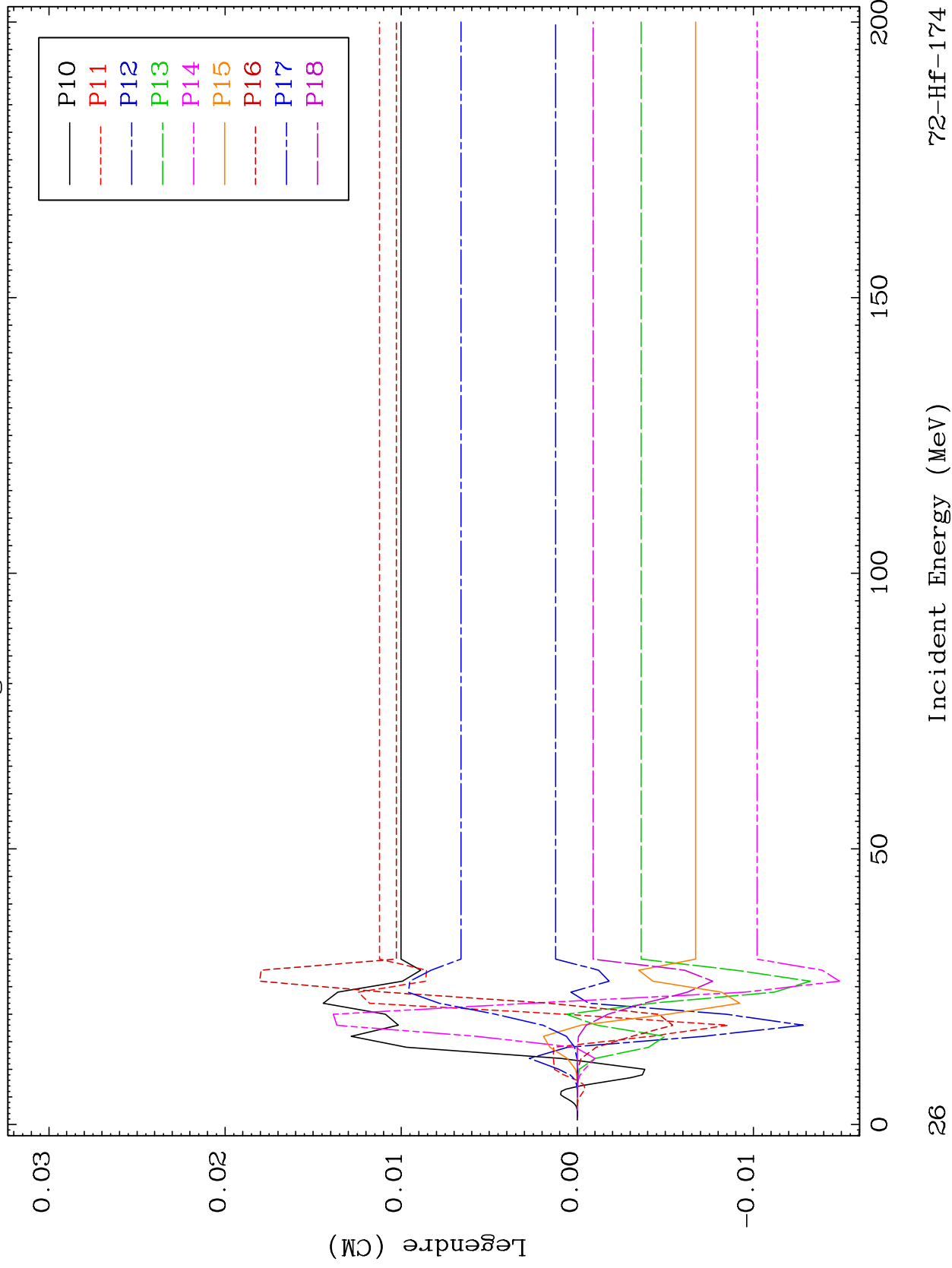
24



MAT 7225

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

72-Hf-174



72-Hf-174

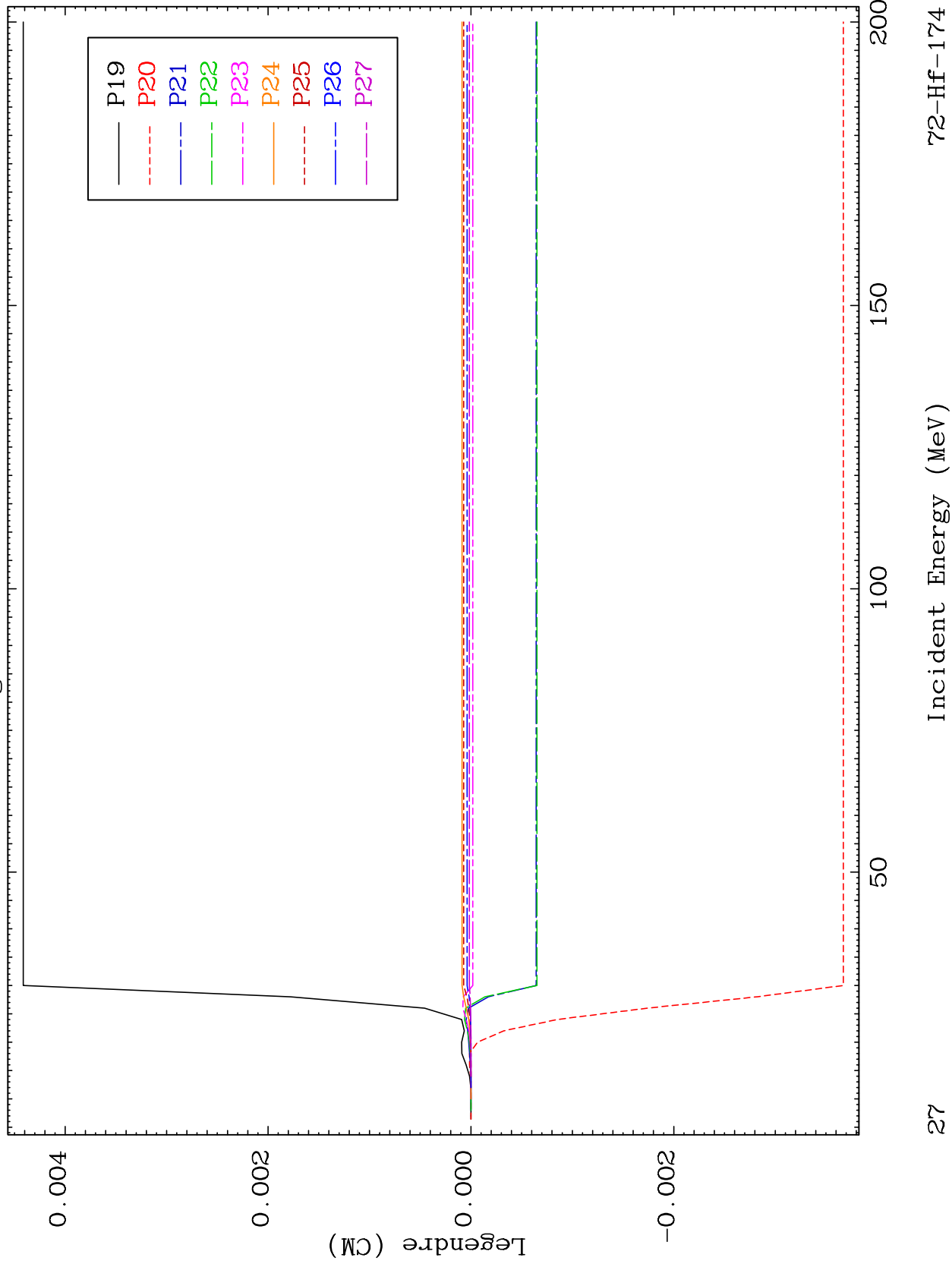
Incident Energy (MeV)

26

MAT 7225

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

72-Hf-174



27

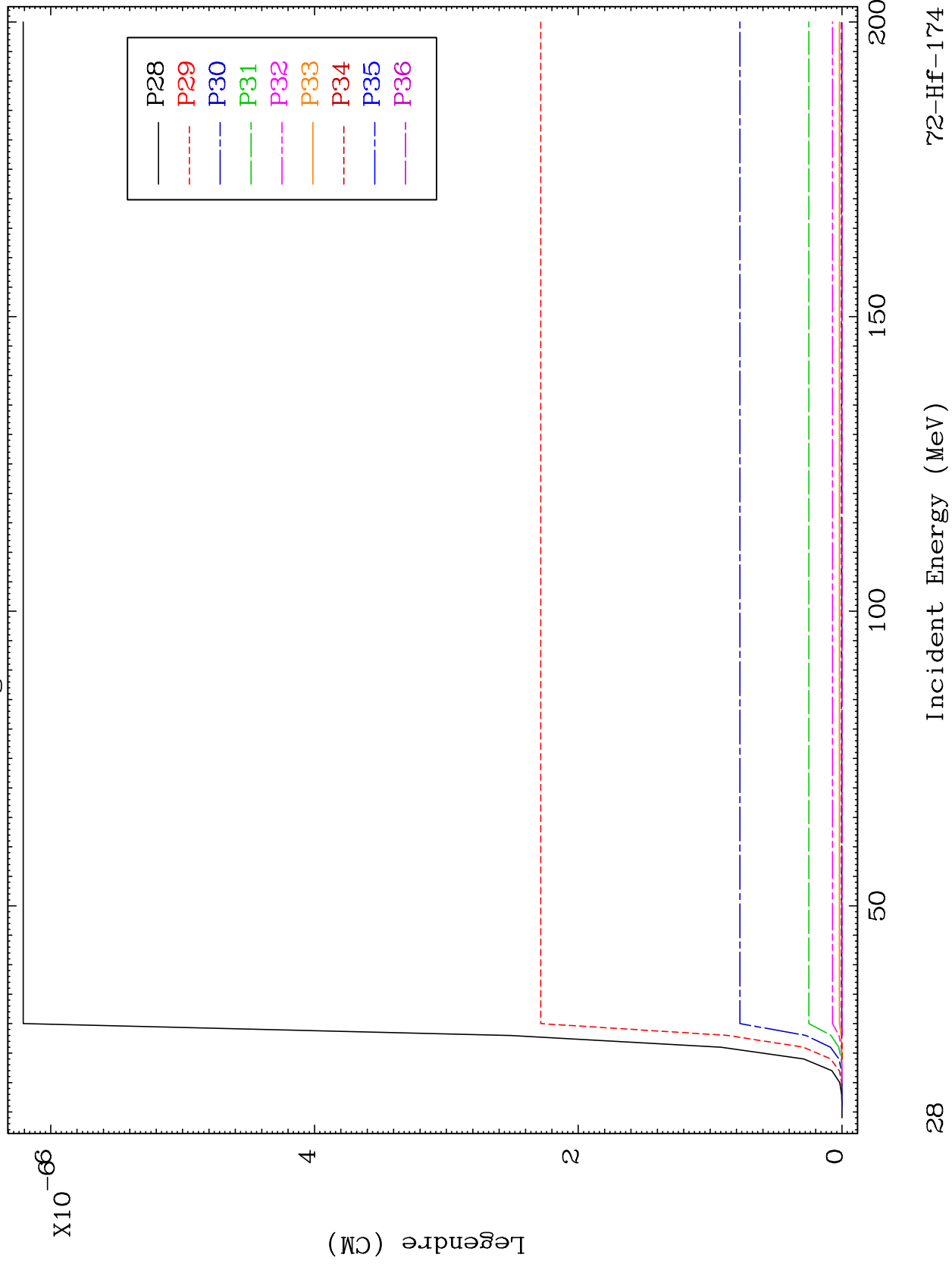
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

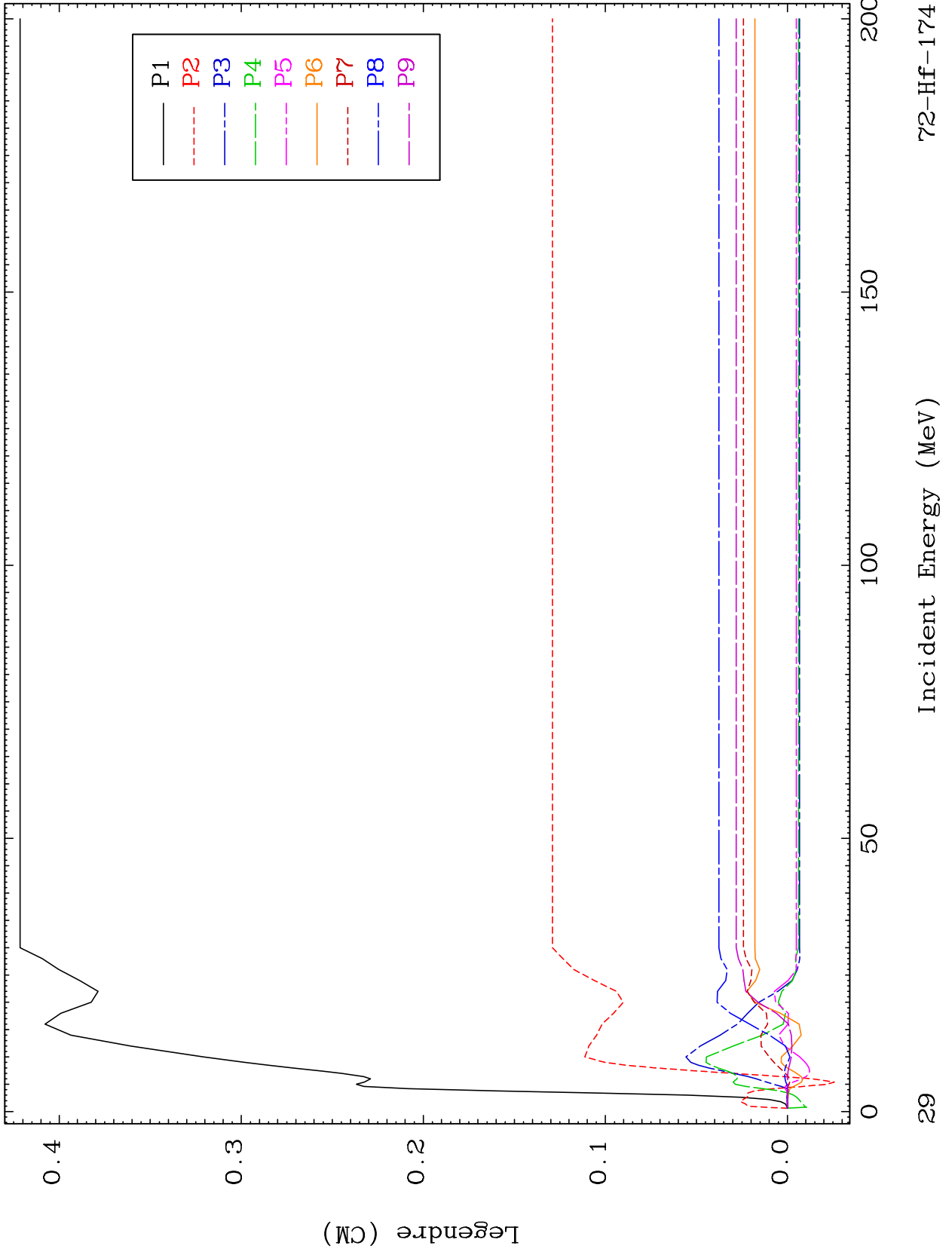
72-Hf-174



MAT 7225

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

72-Hf-174



29

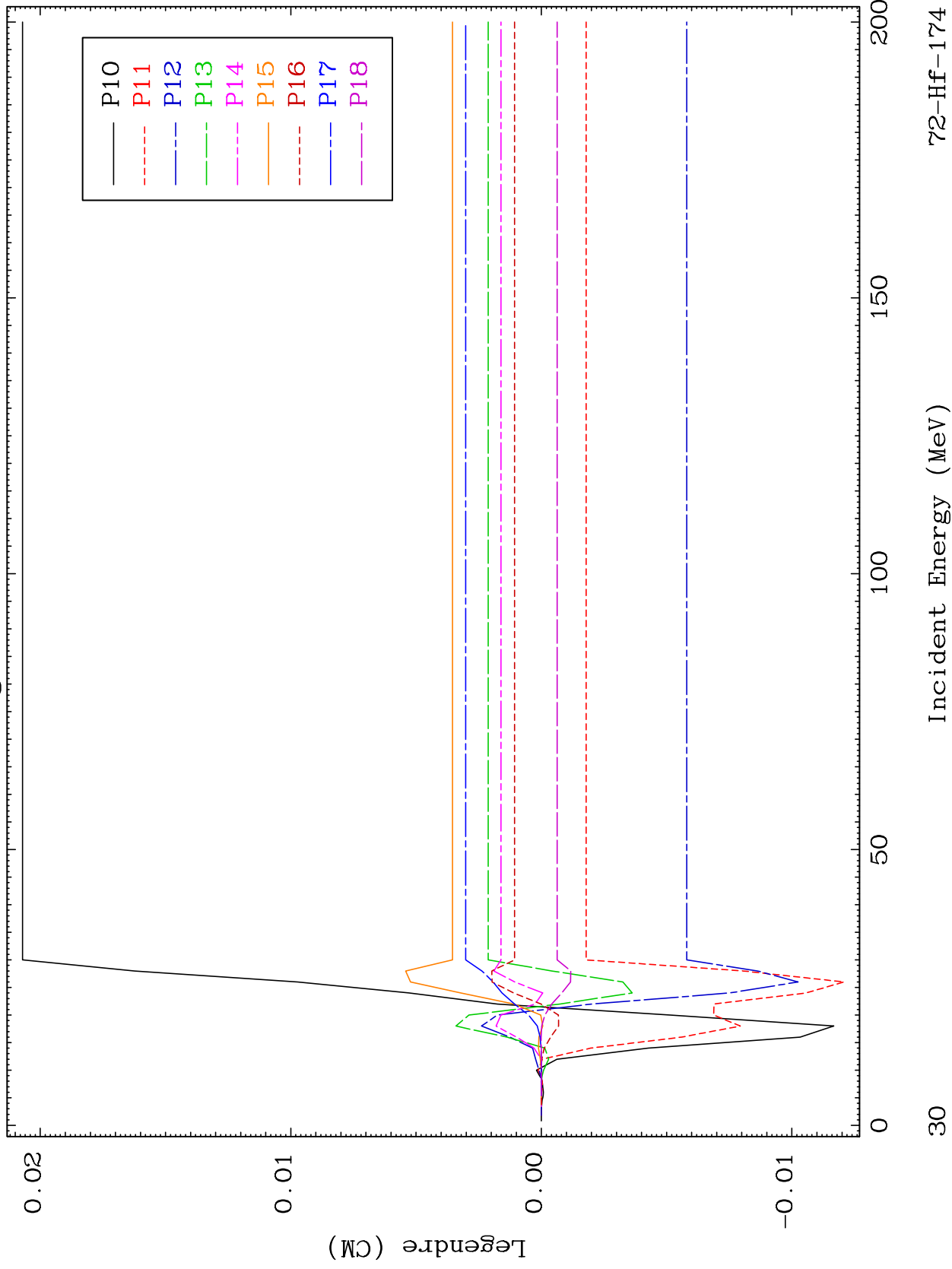
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

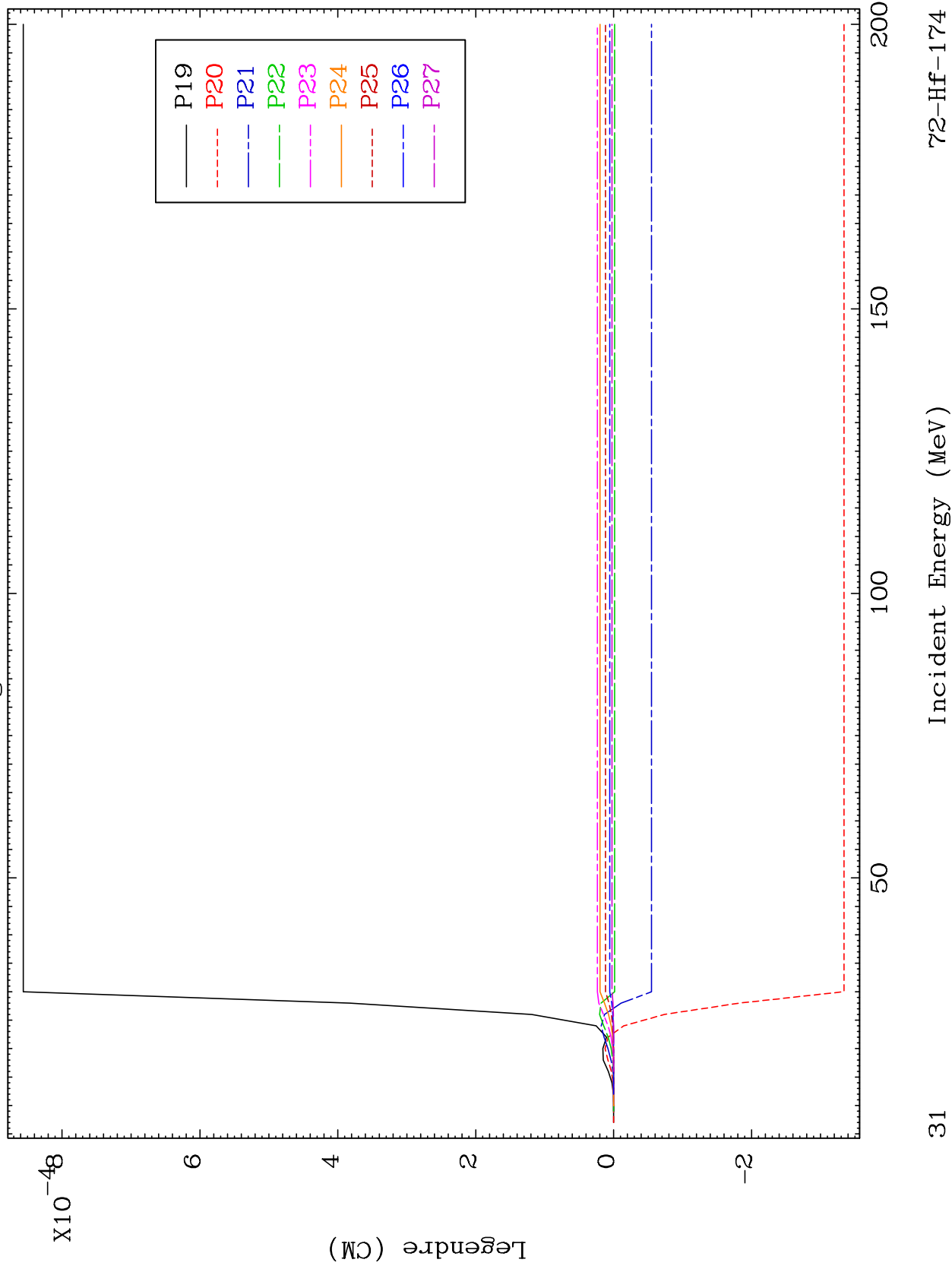
72-Hf-174



72-Hf-174

Incident Energy (MeV)

30

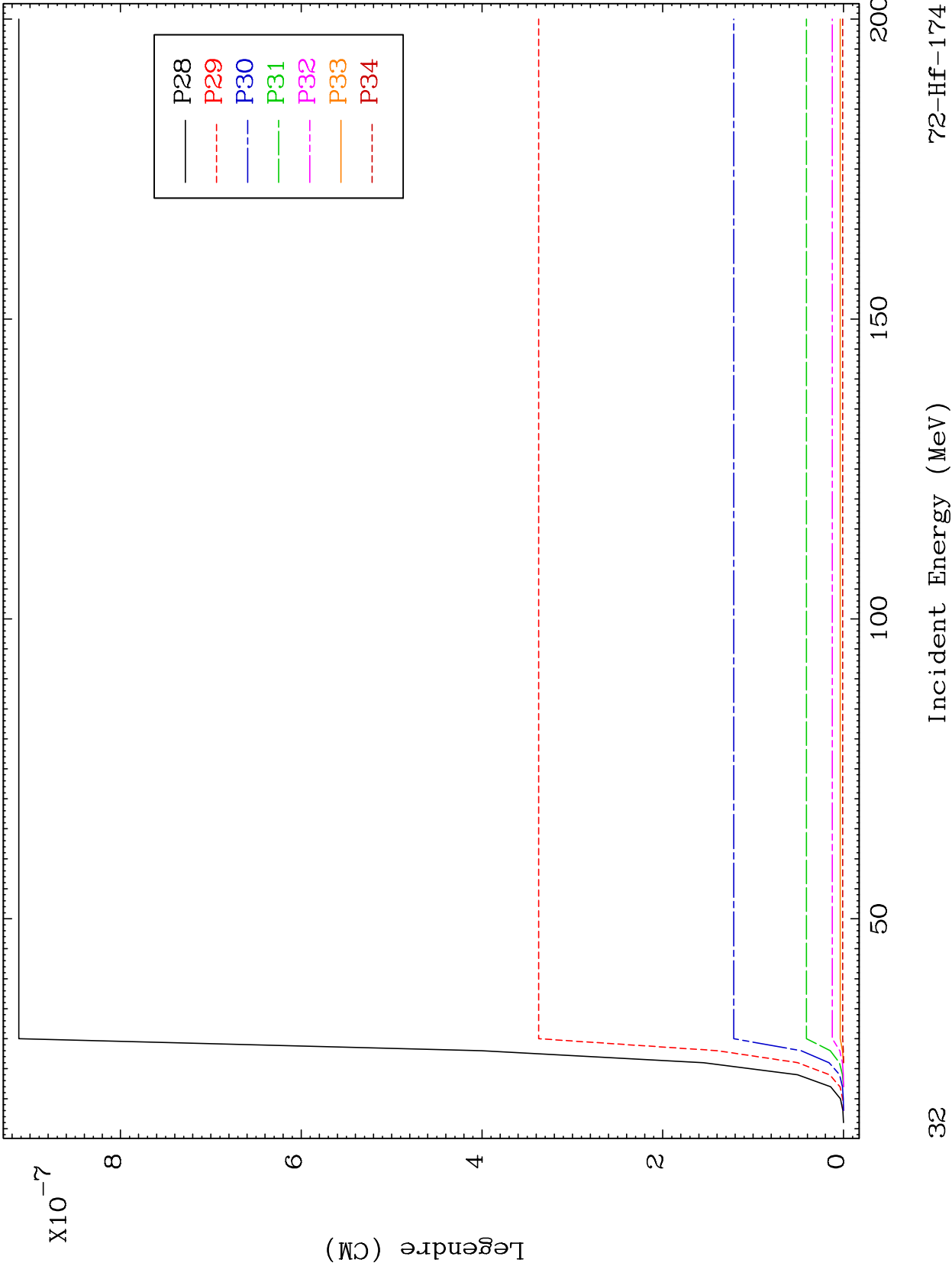




MAT 7225

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

72-Hf-174



32

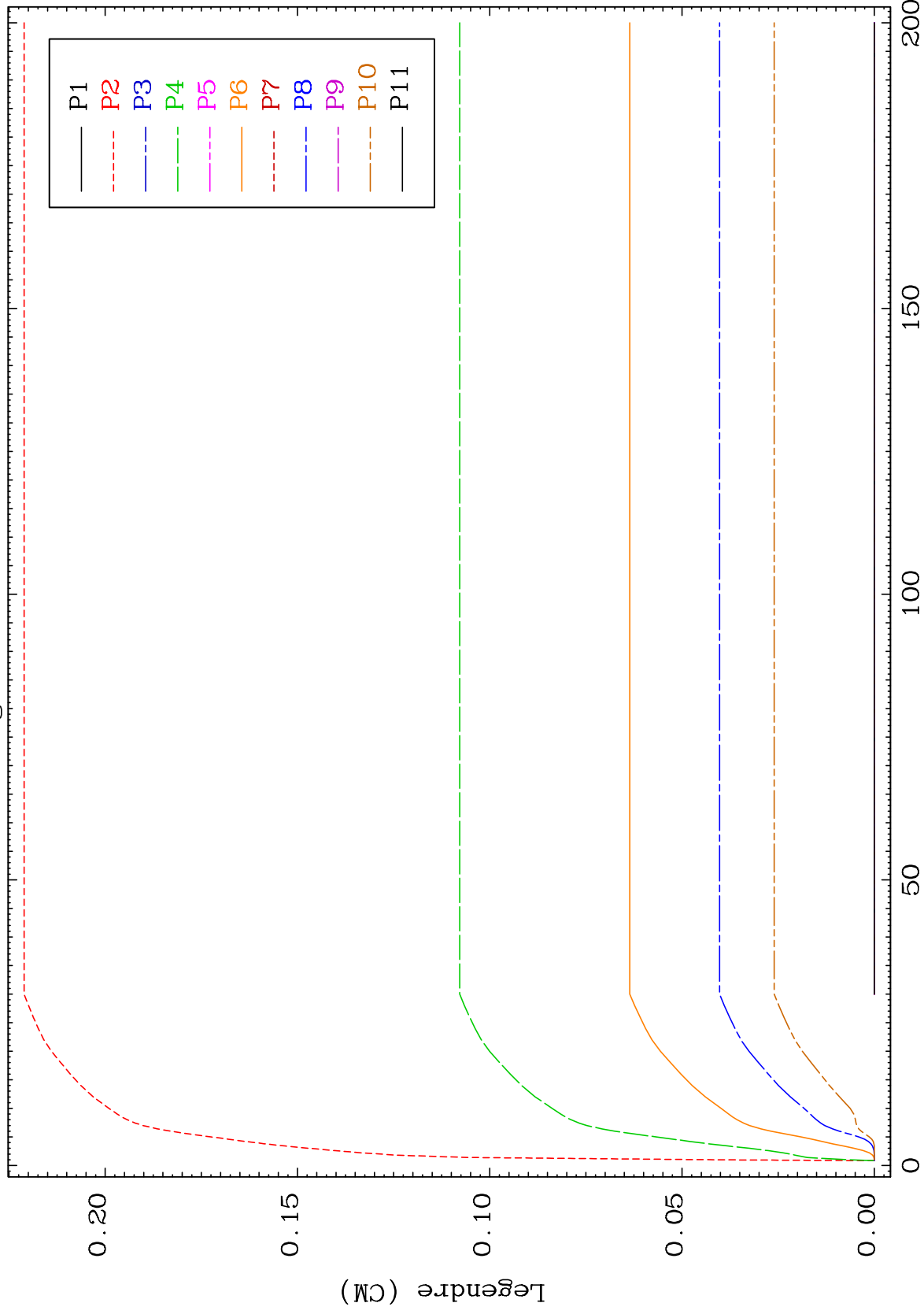
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



33

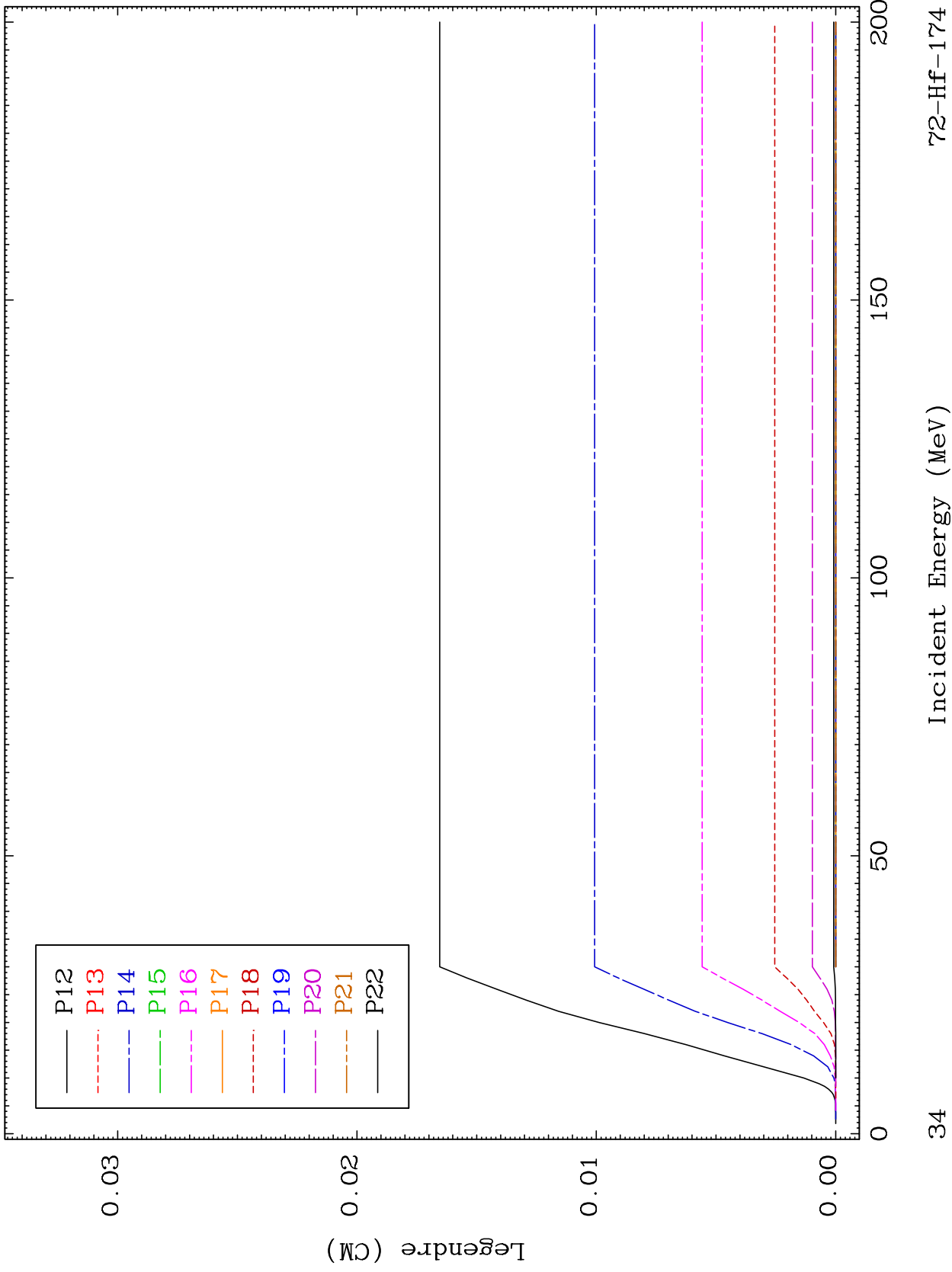
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

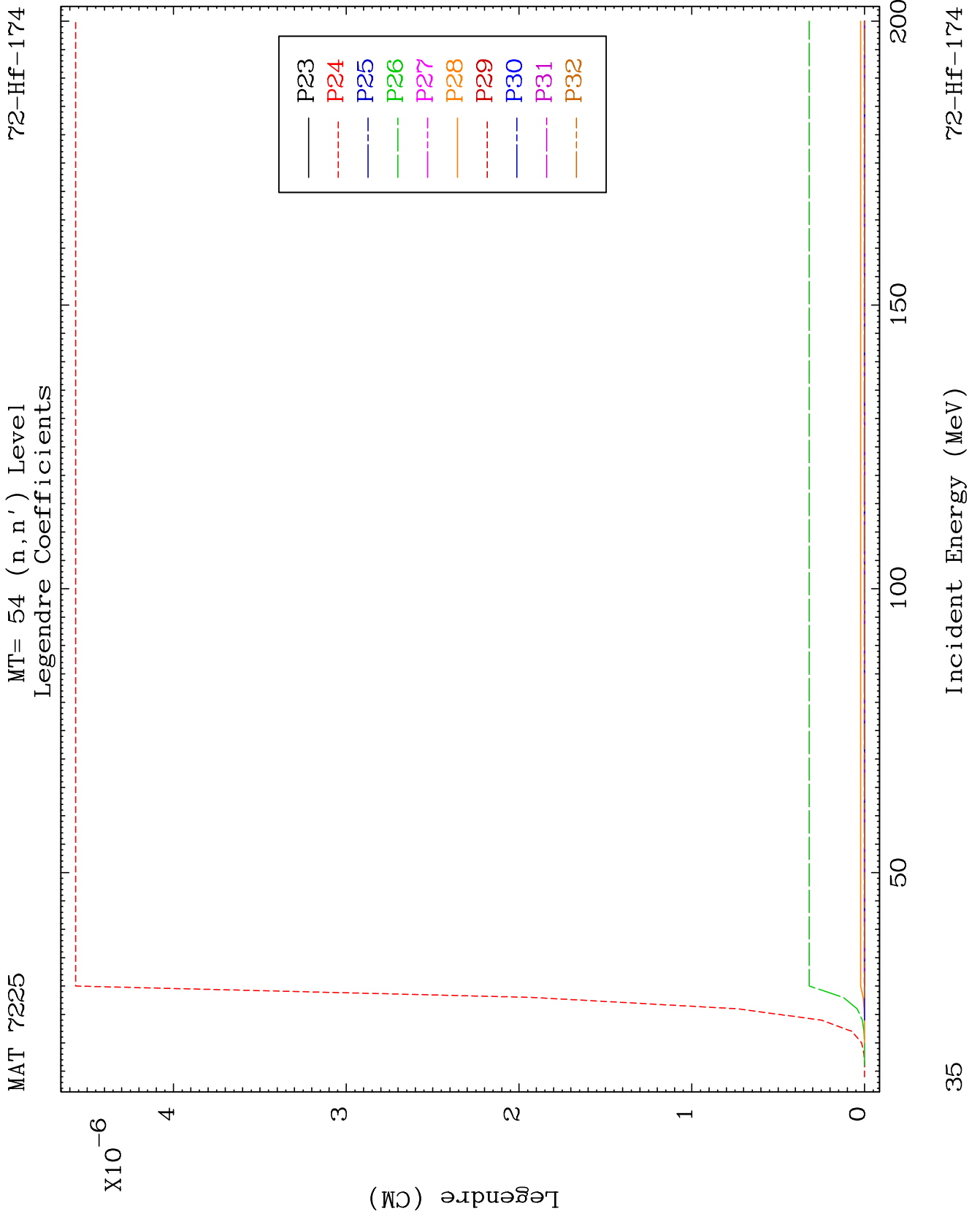
72-Hf-174



34

Incident Energy (MeV)

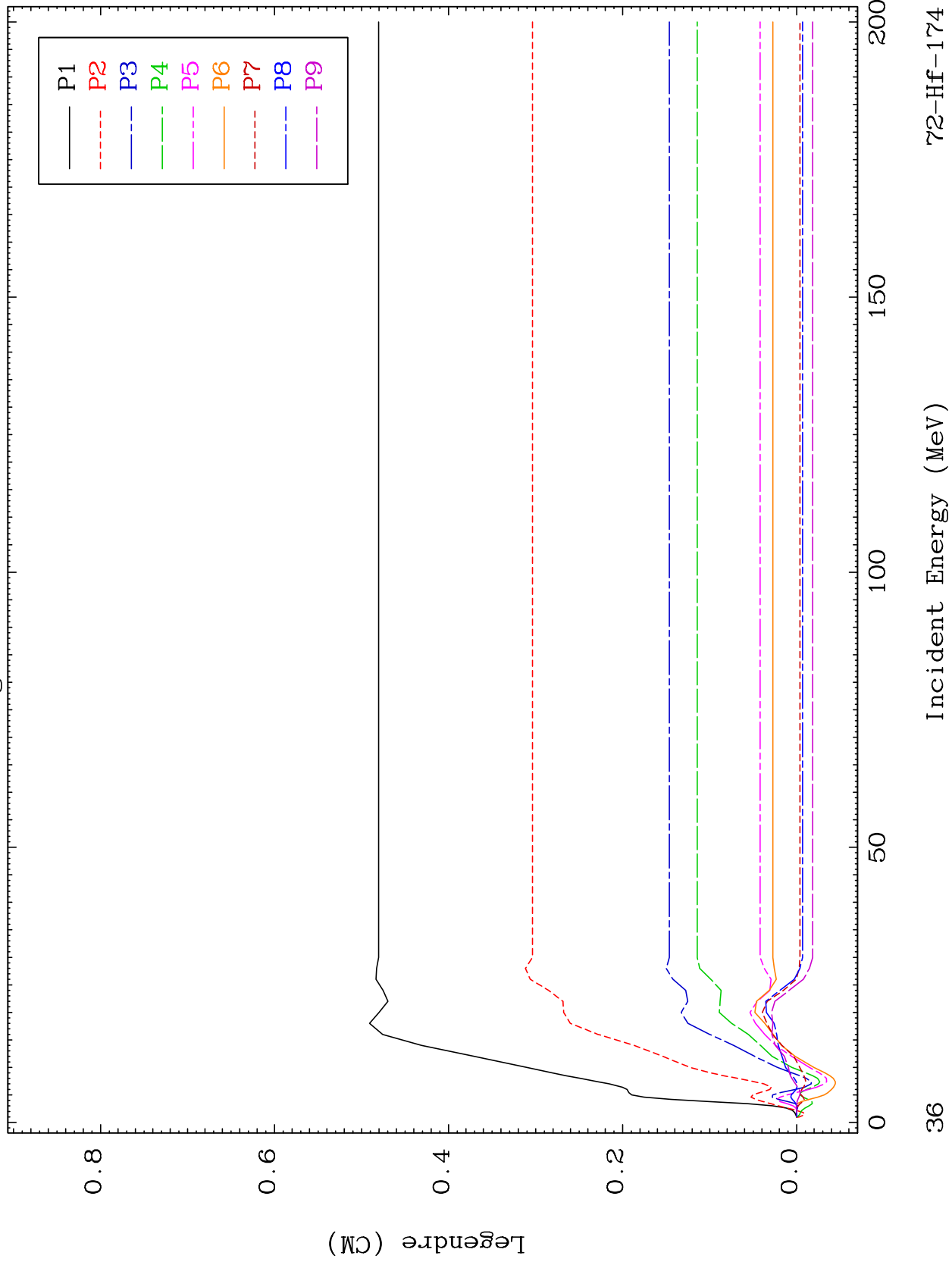
72-Hf-174



MAT 7225

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

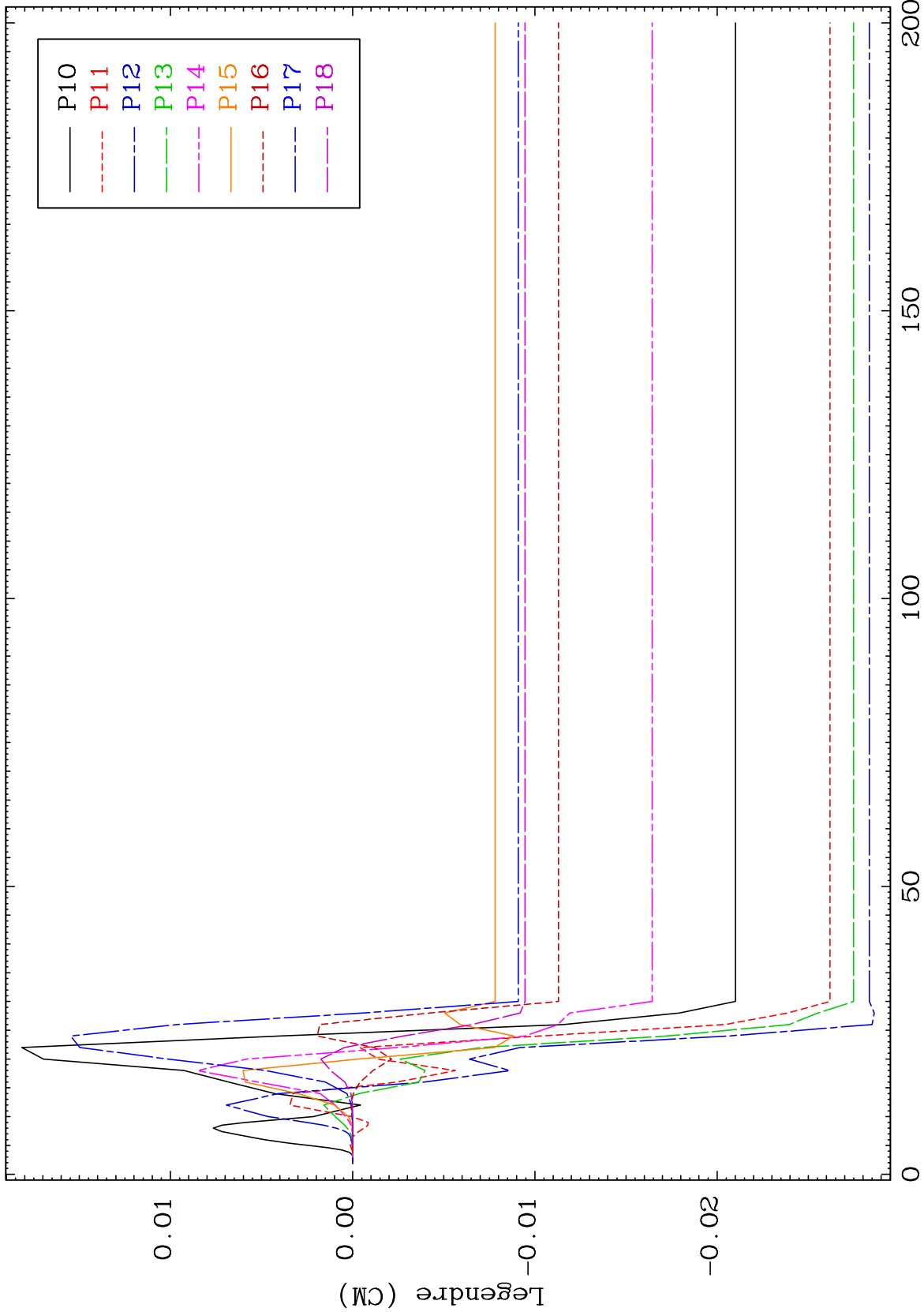
72-Hf-174



MAT 7225

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

72-Hf-174



37

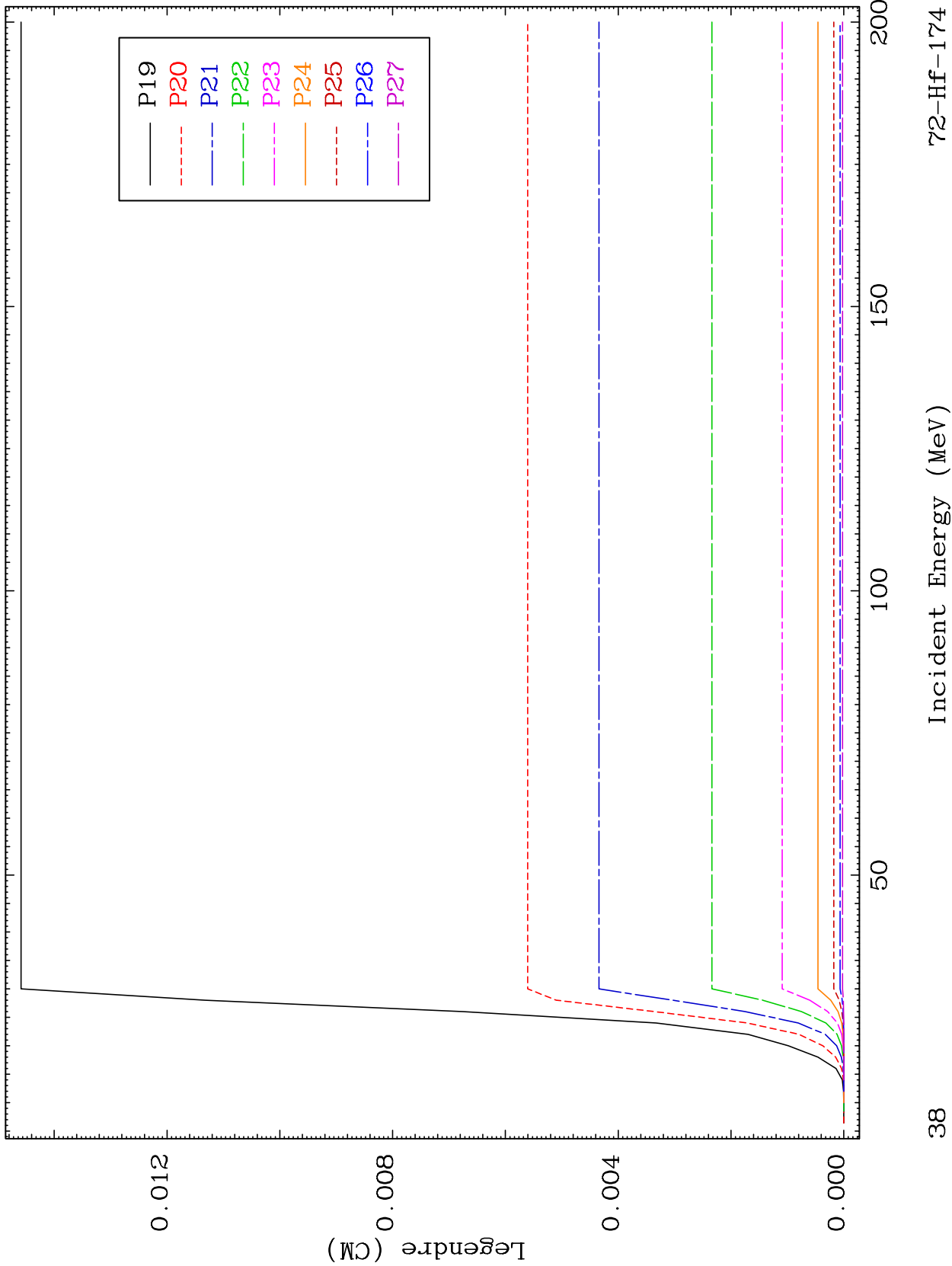
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



38

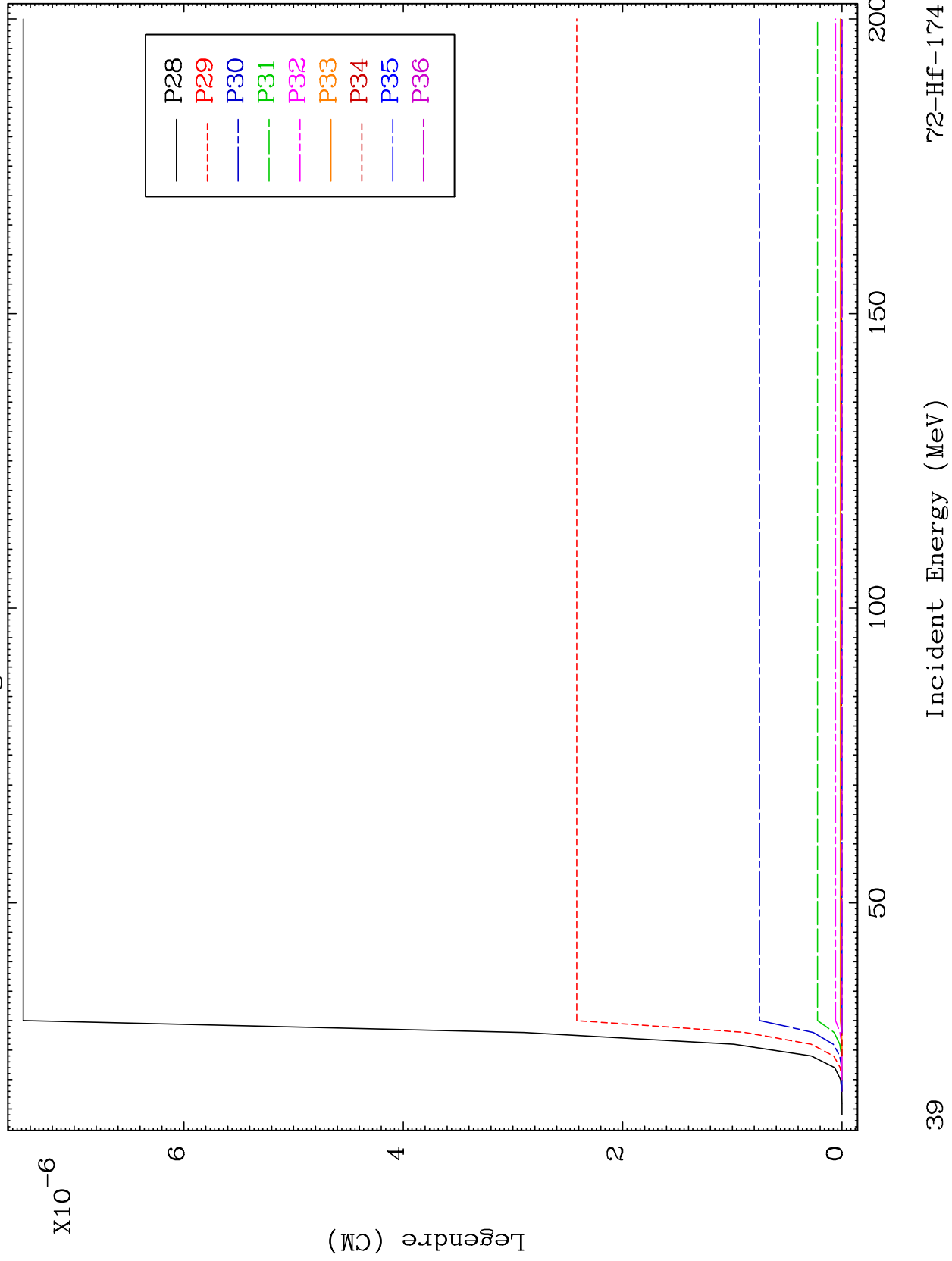
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



39

Incident Energy (MeV)

72-Hf-174

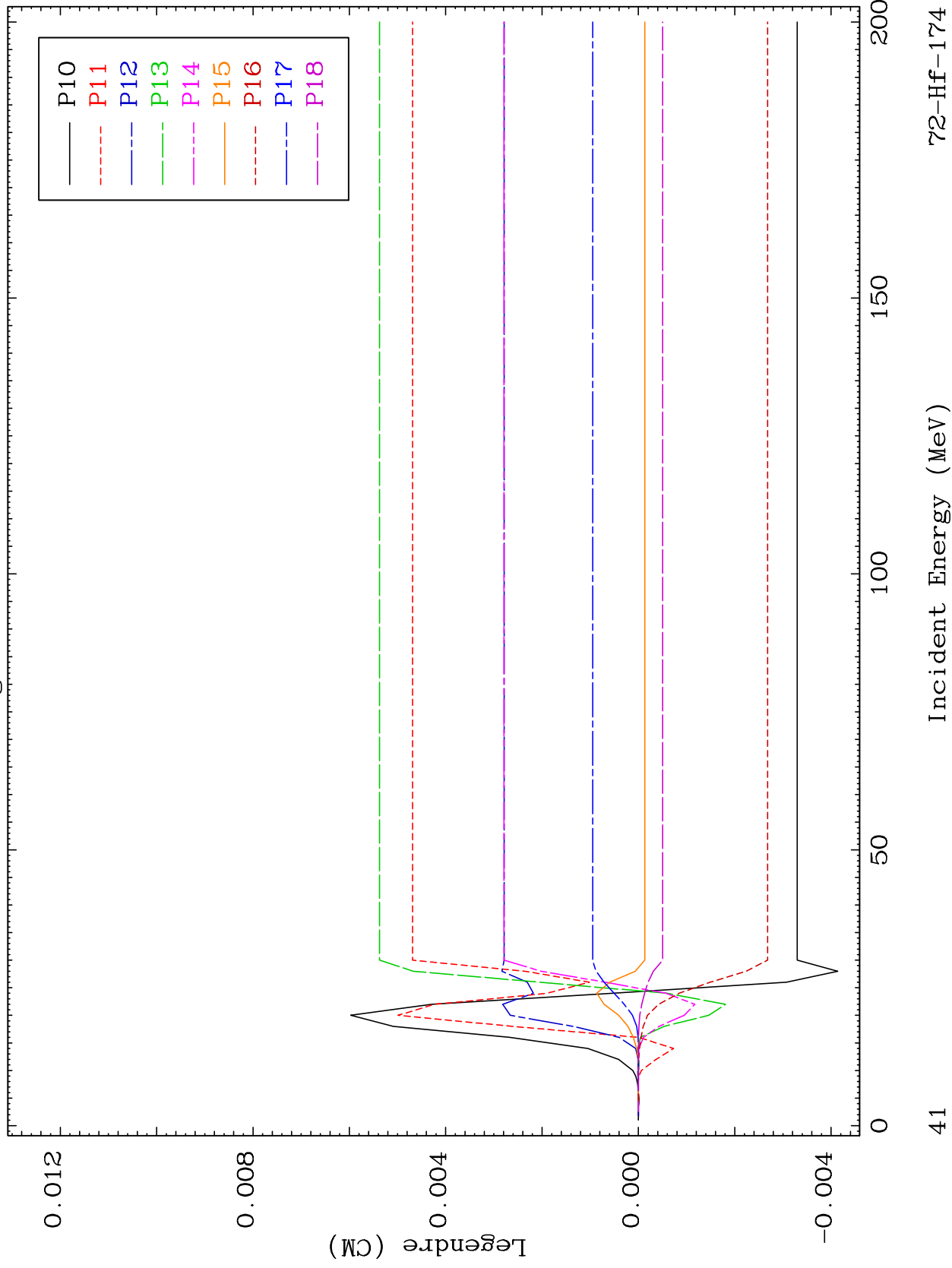




MAT 7225

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

72-Hf-174



41

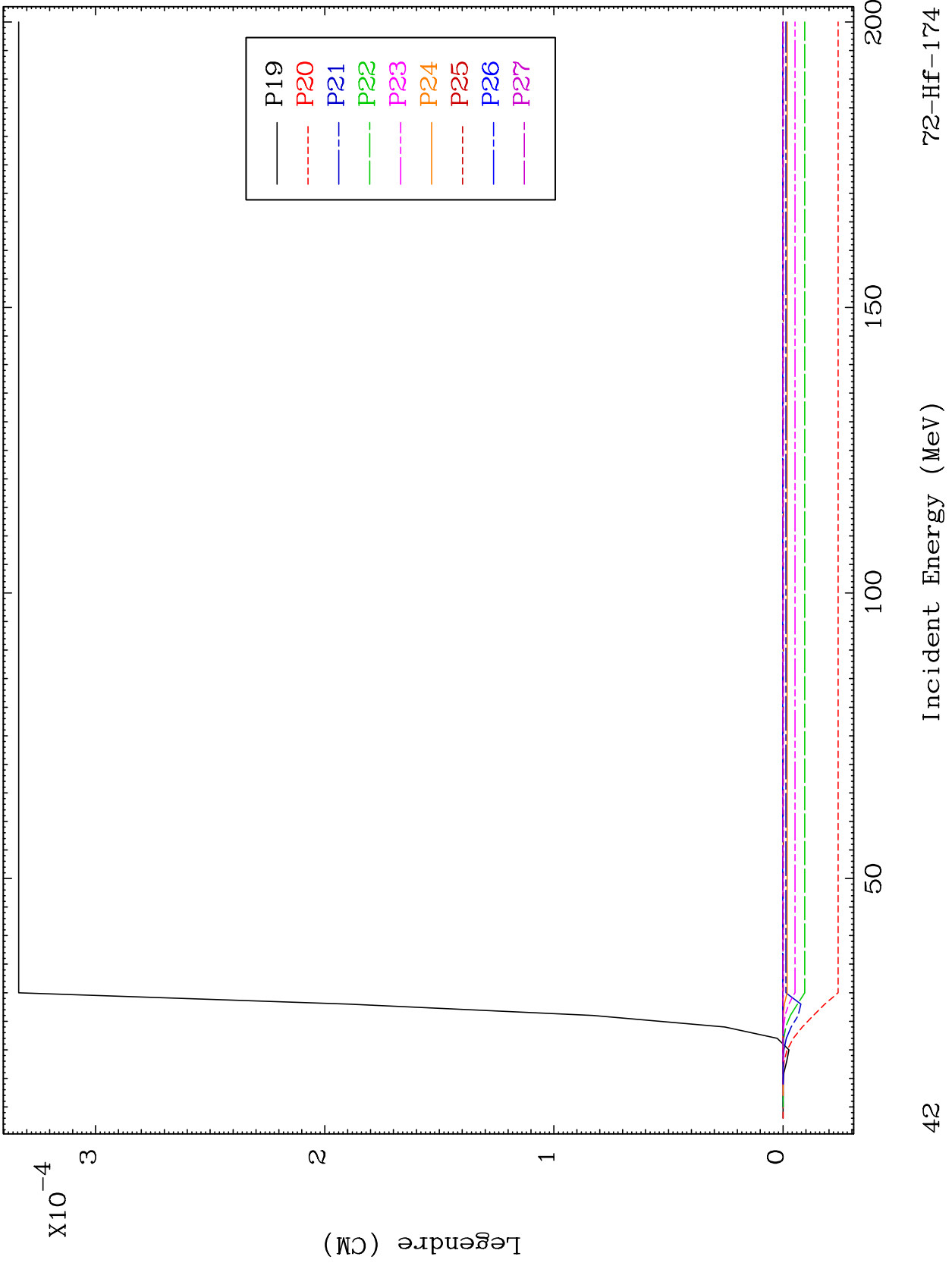
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



42

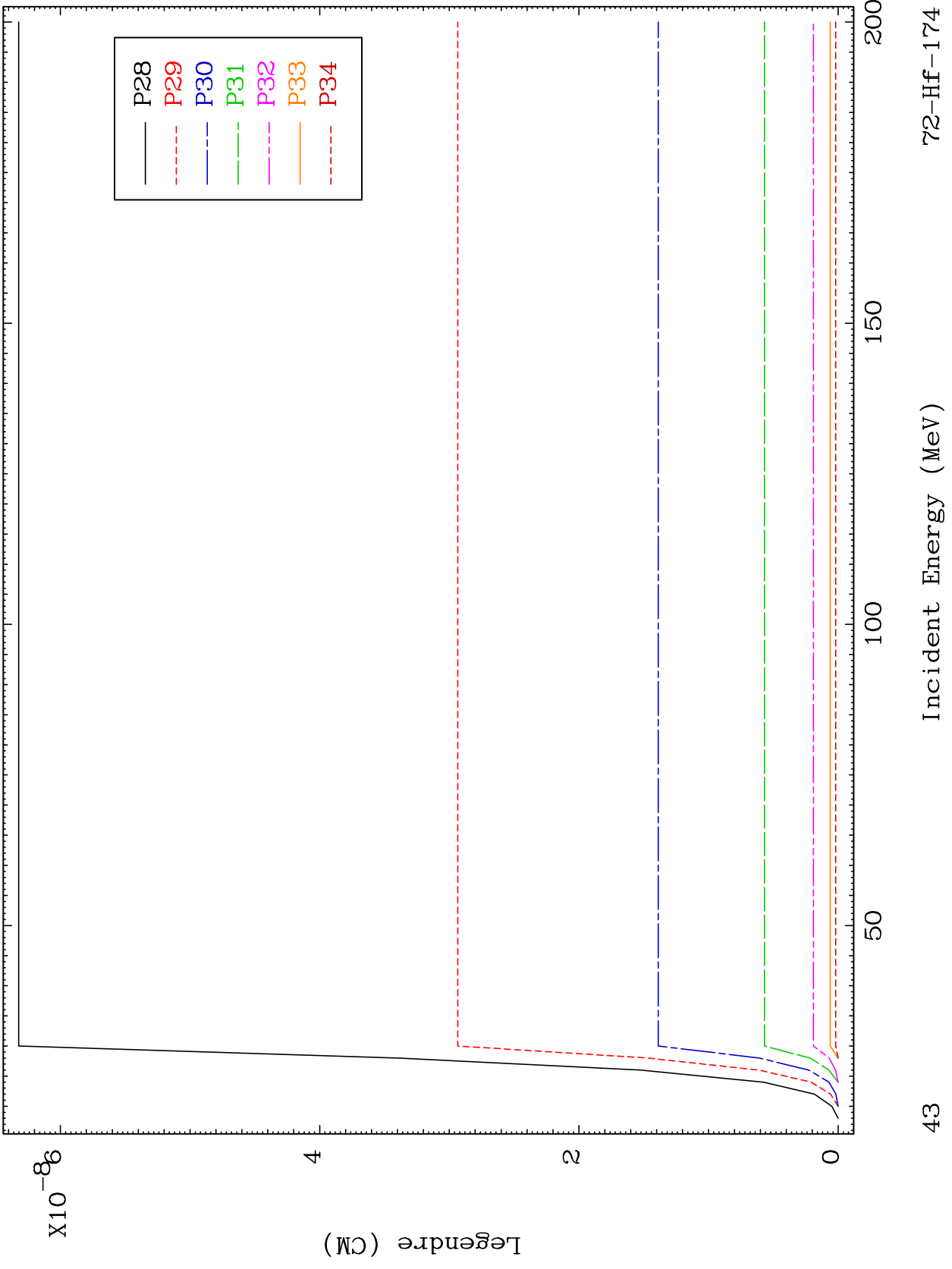
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



43

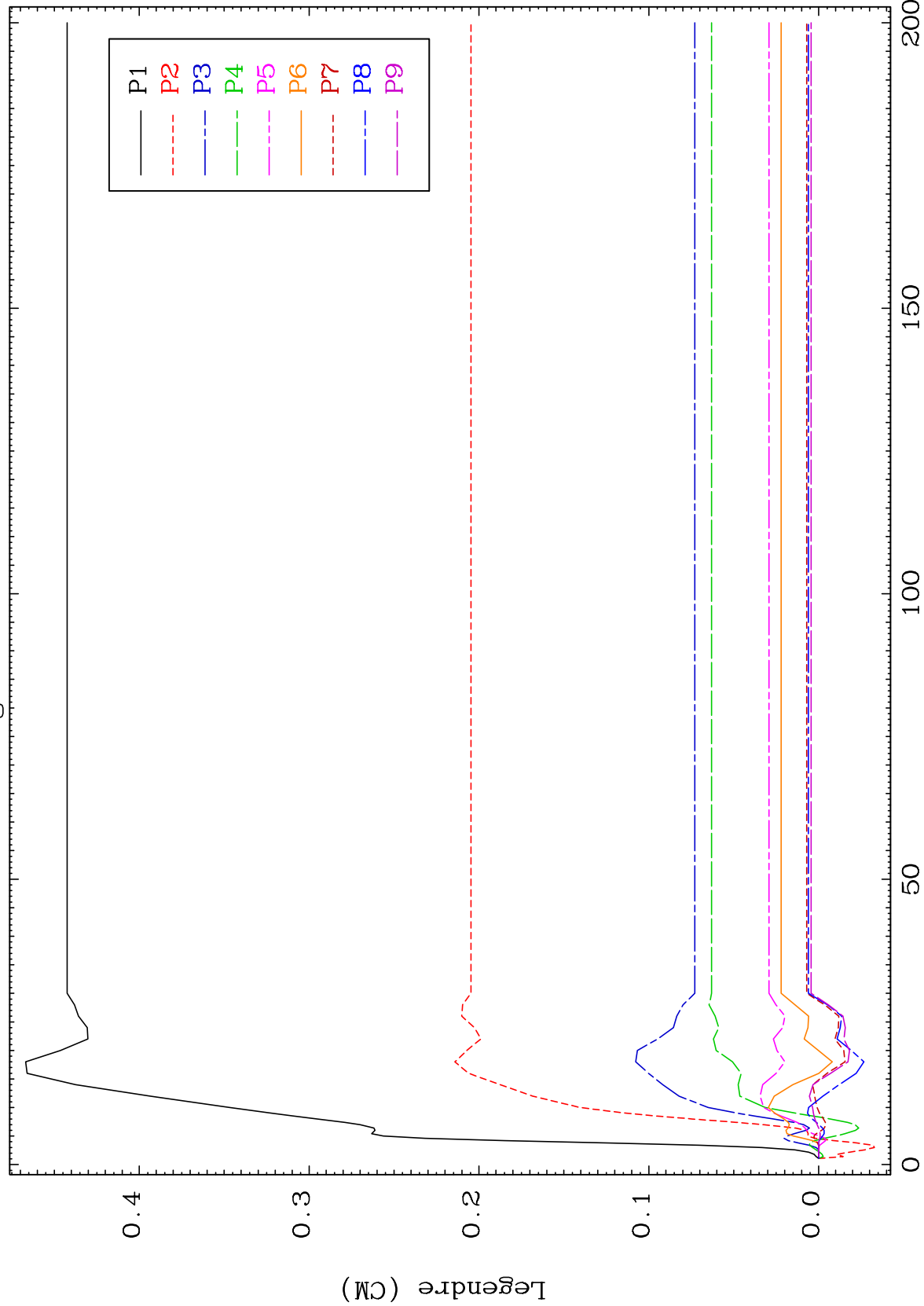
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

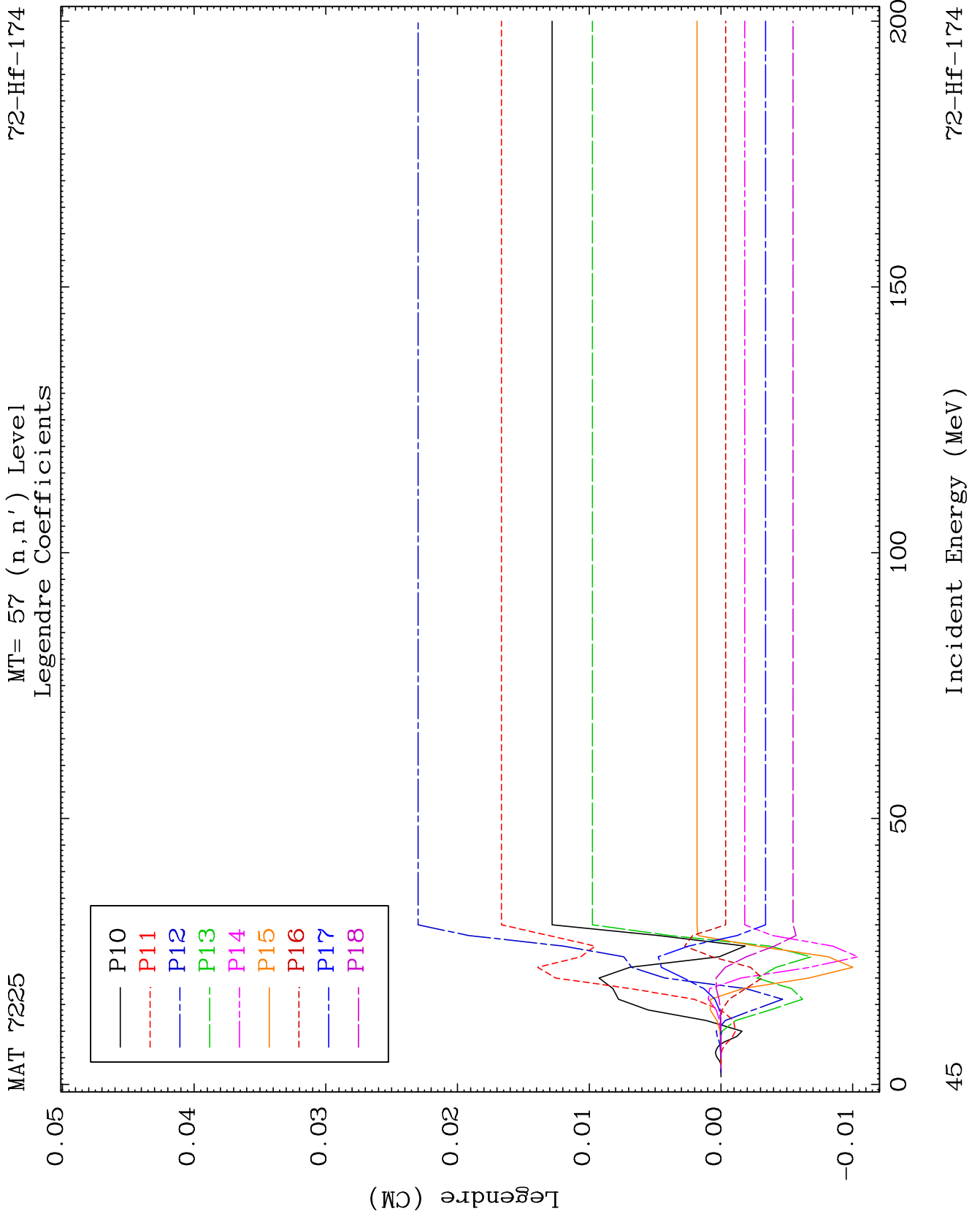
72-Hf-174



72-Hf-174

Incident Energy (MeV)

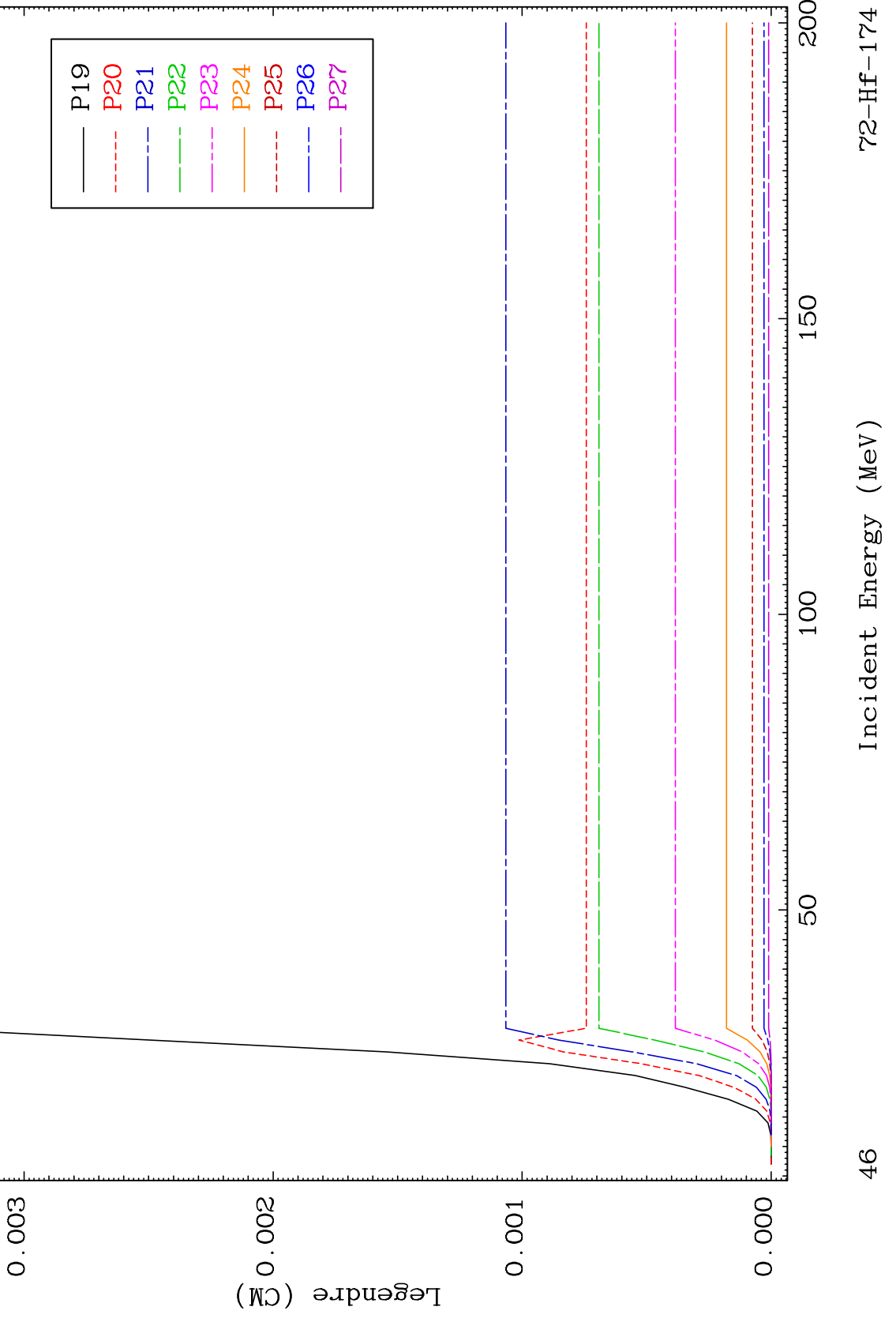
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MAT 7225

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

72-Hf-174



46

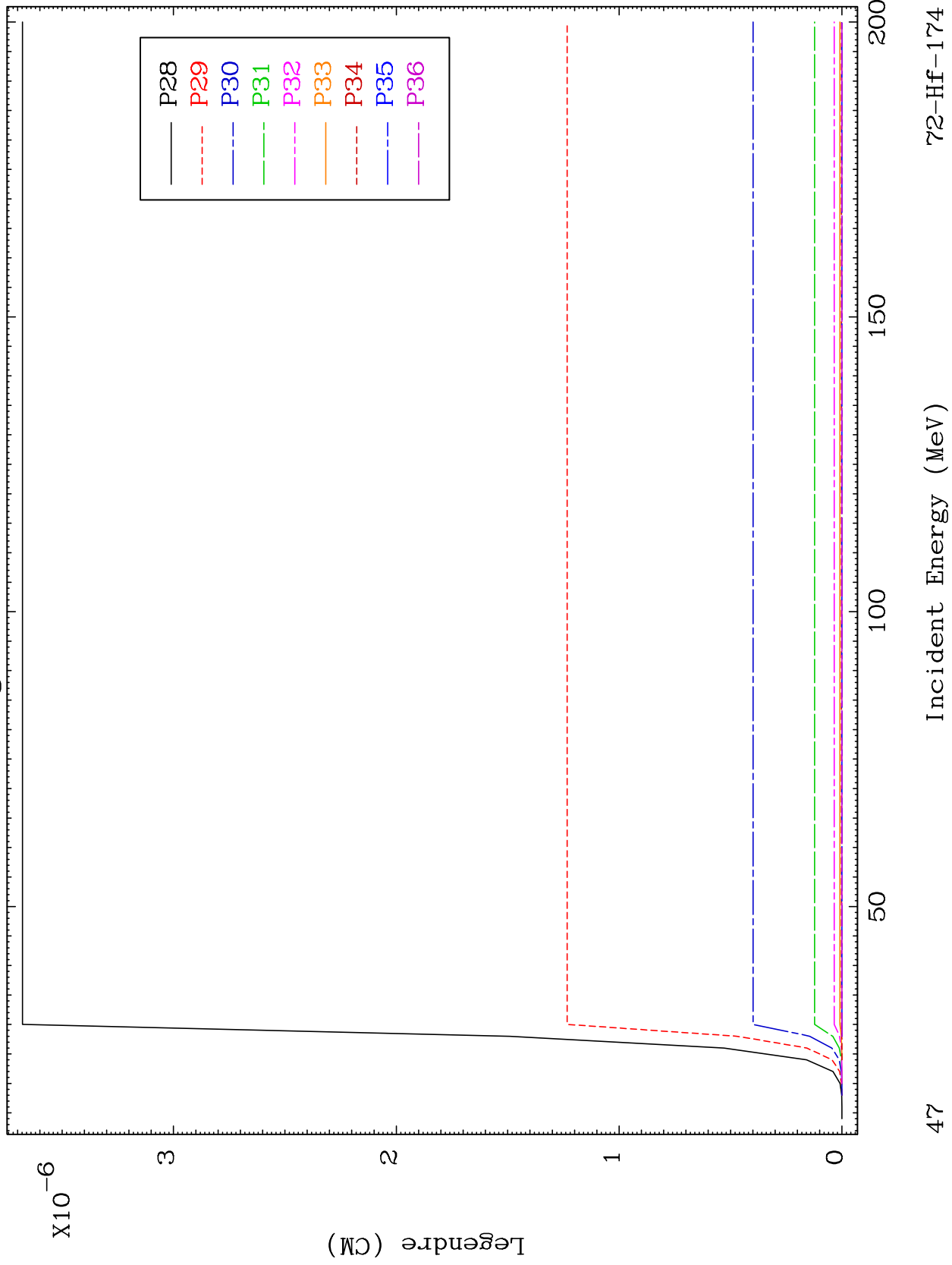
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174

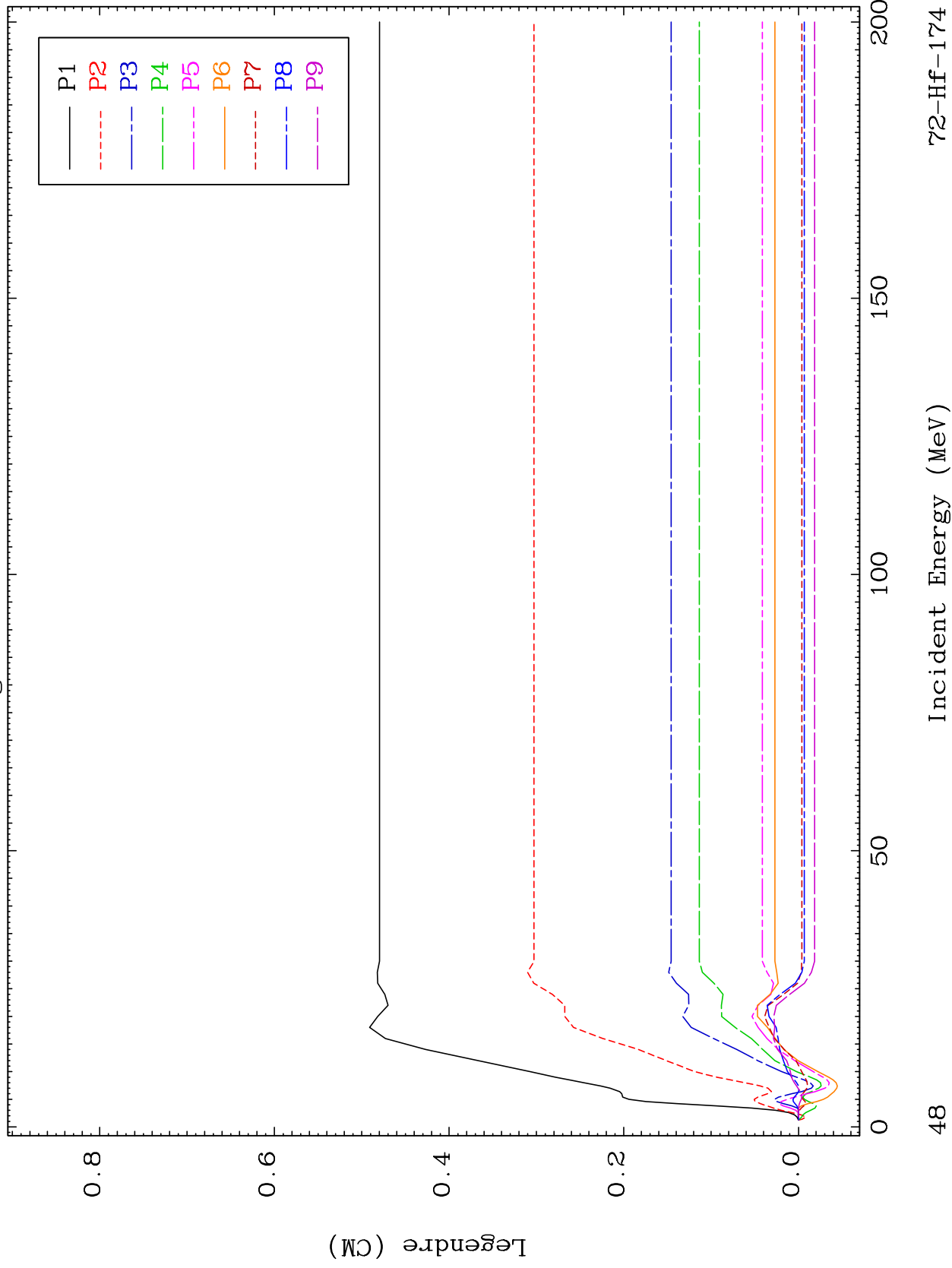




MAT 7225

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

72-Hf-174



72-Hf-174

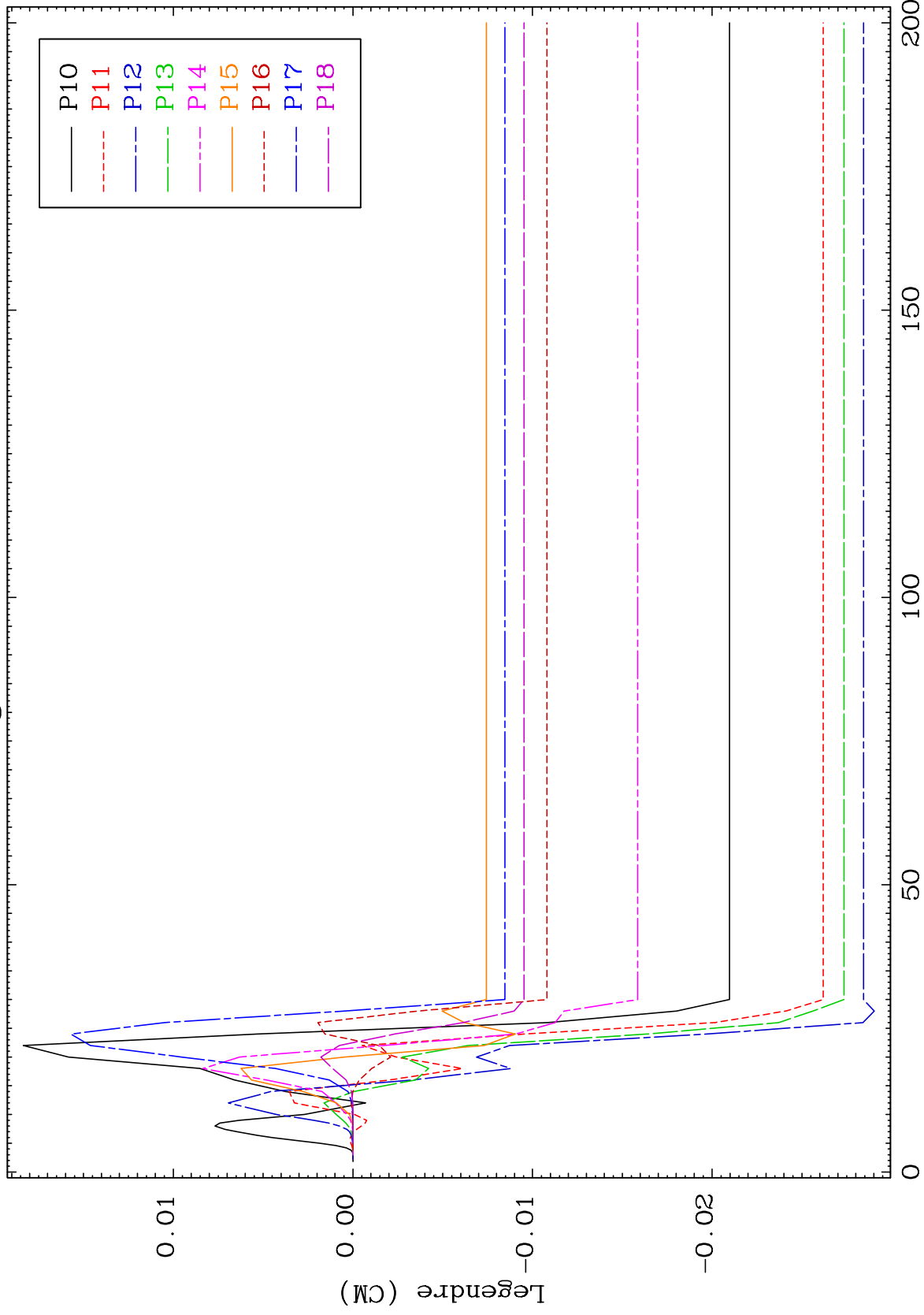
Incident Energy (MeV)

48

MAT 7225

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

72-Hf-174



49

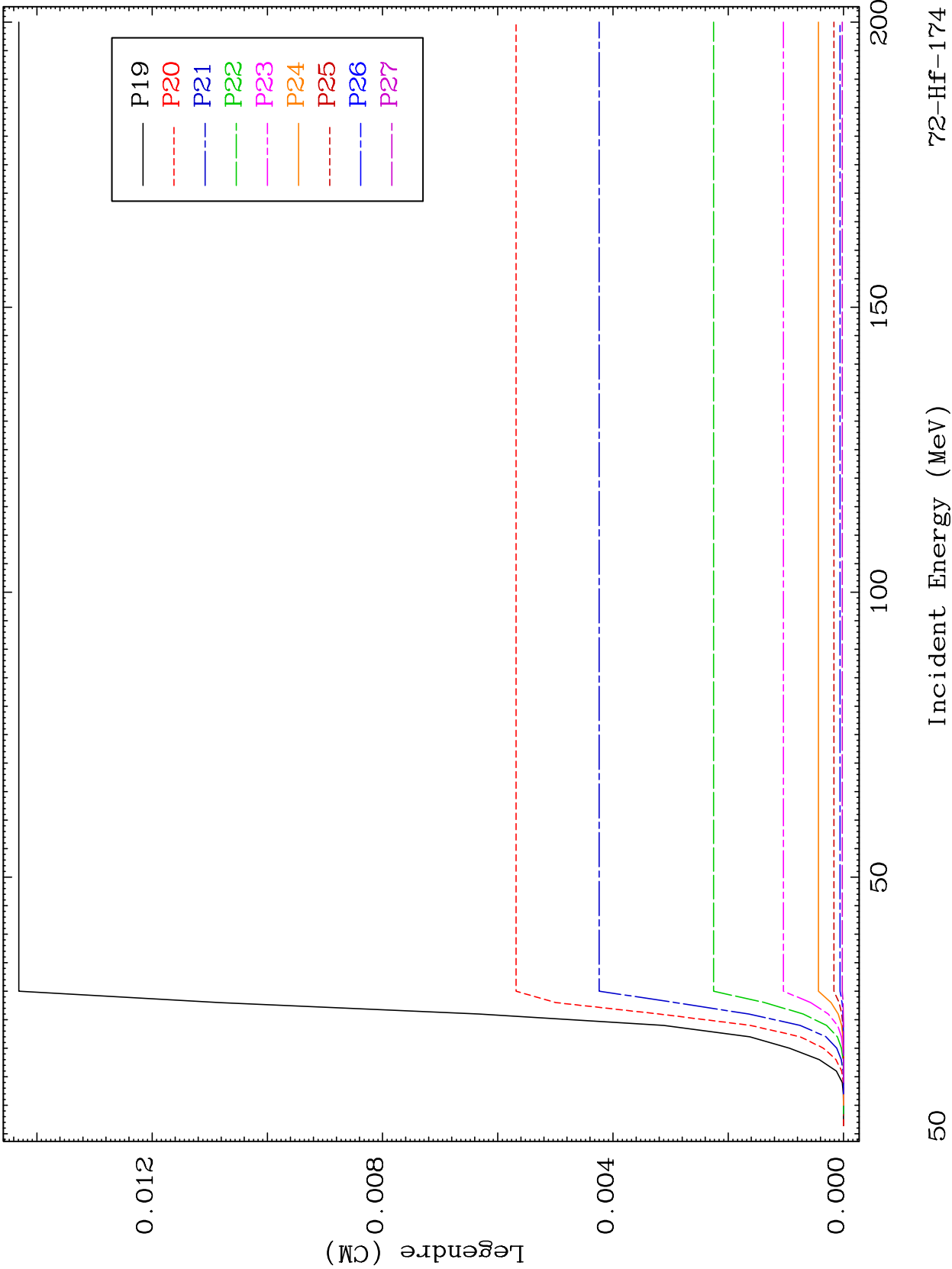
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



50

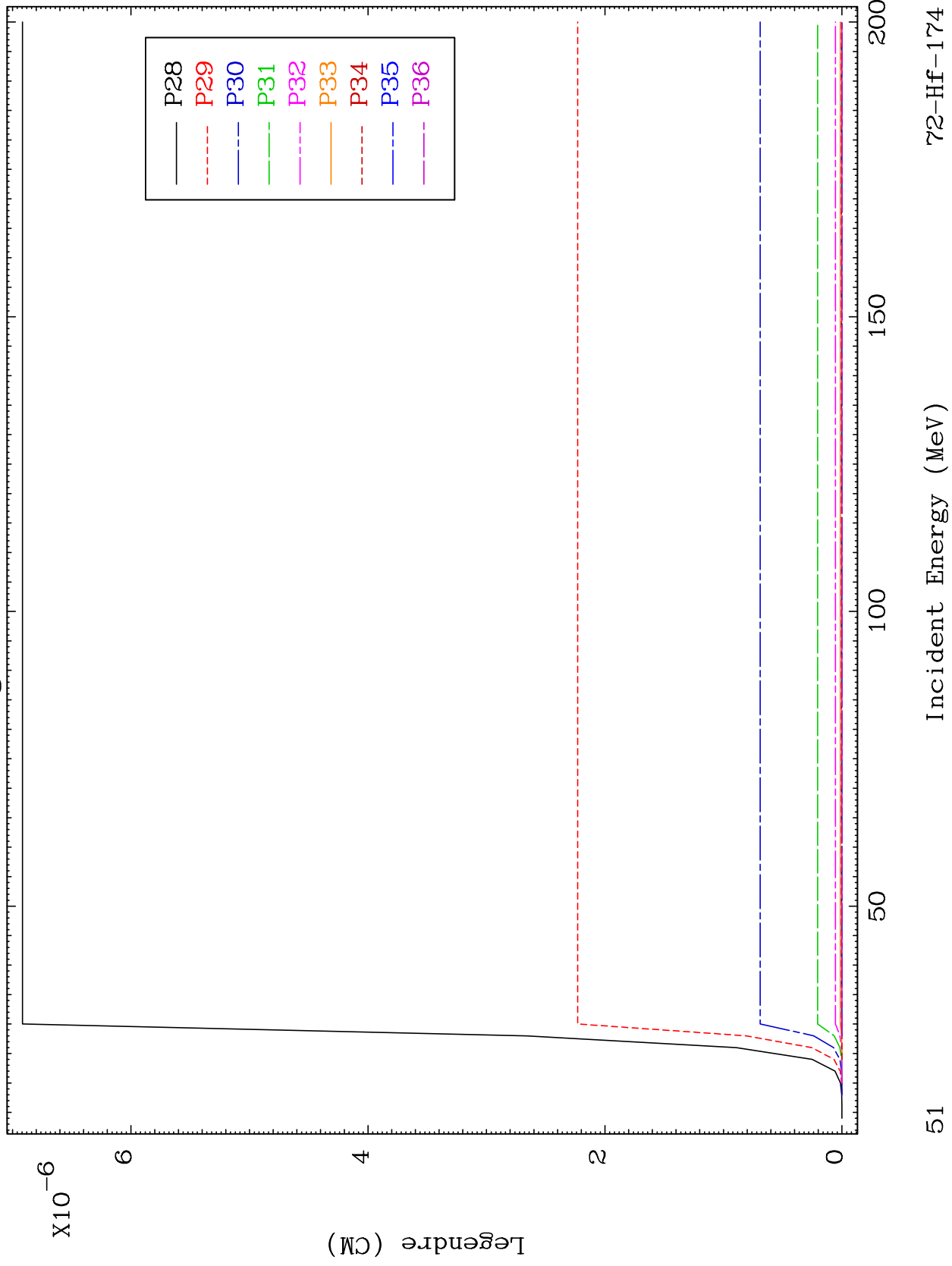
Incident Energy (MeV)

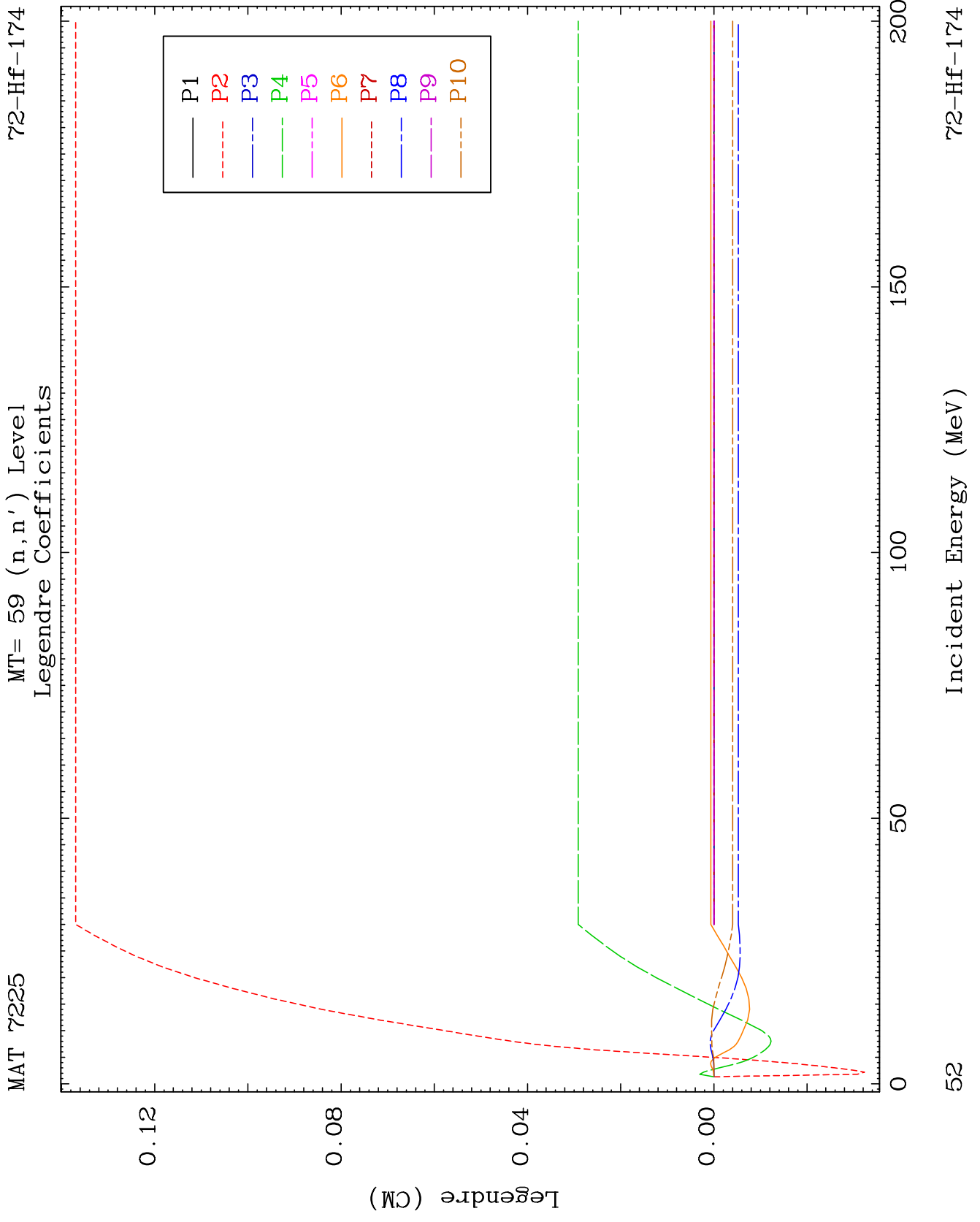
72-Hf-174

MAT 7225

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

72-Hf-174

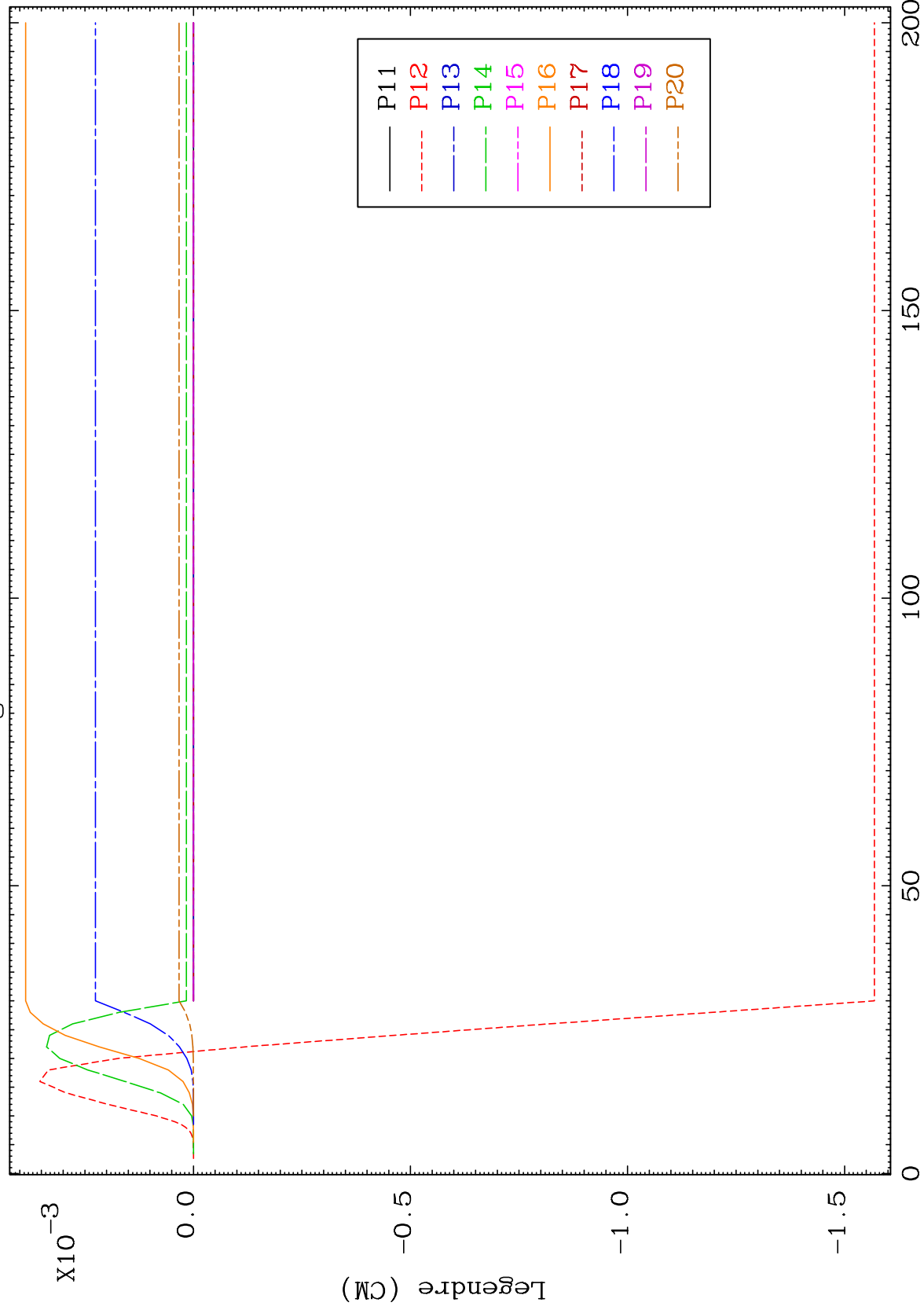




72-Hf-174

Incident Energy (MeV)

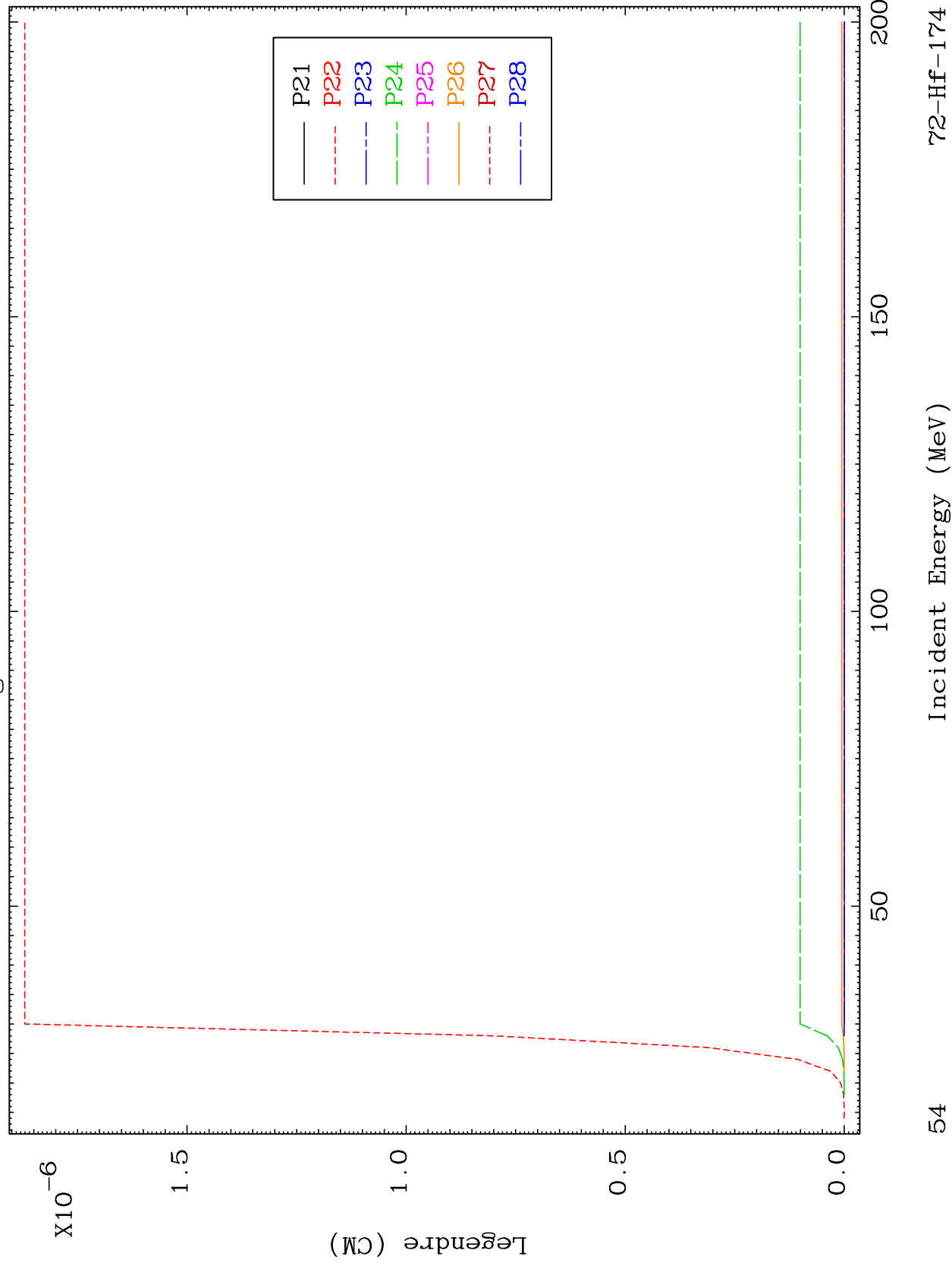
52



MAT 7225

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

72-Hf-174



54

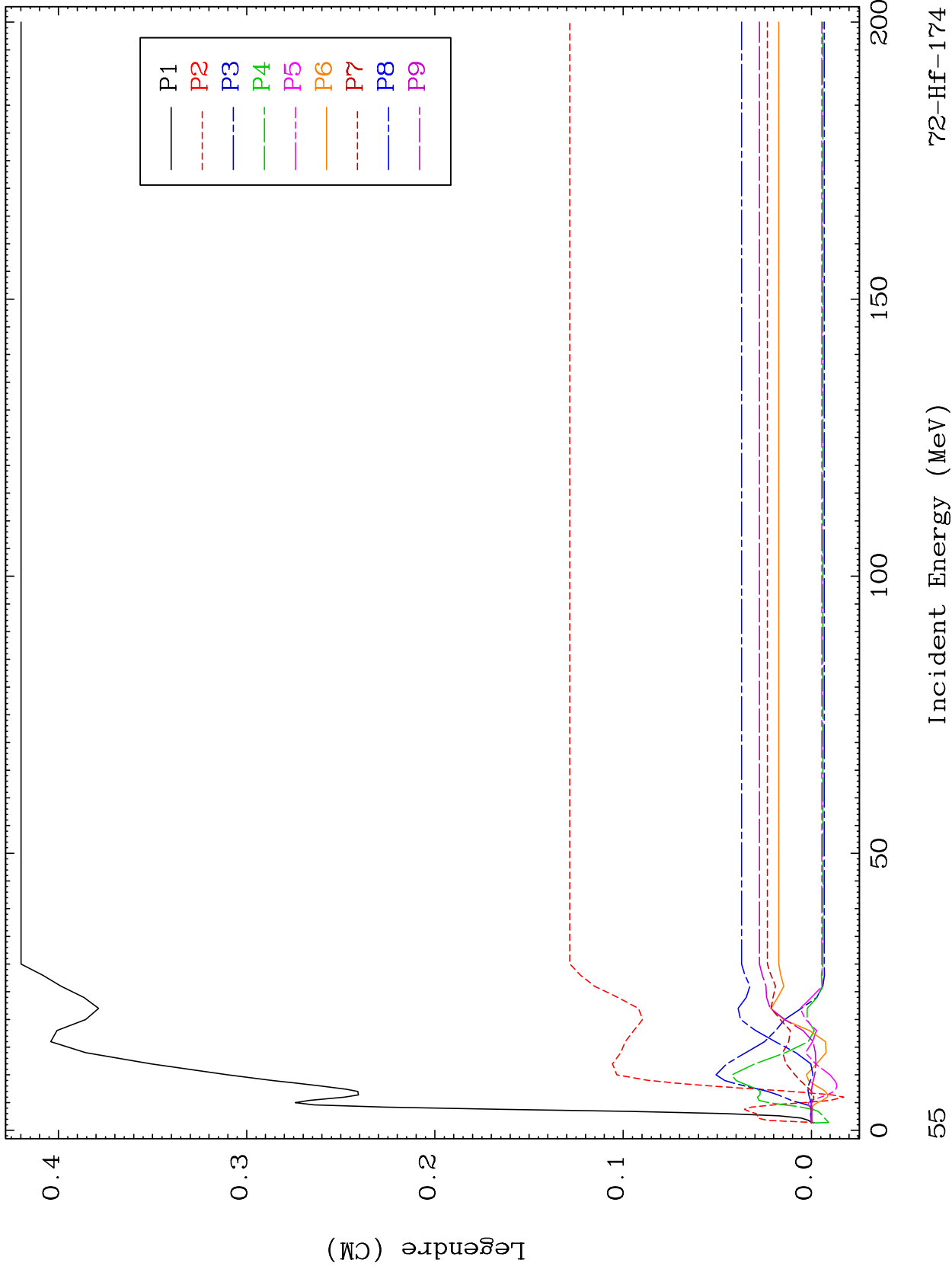
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174

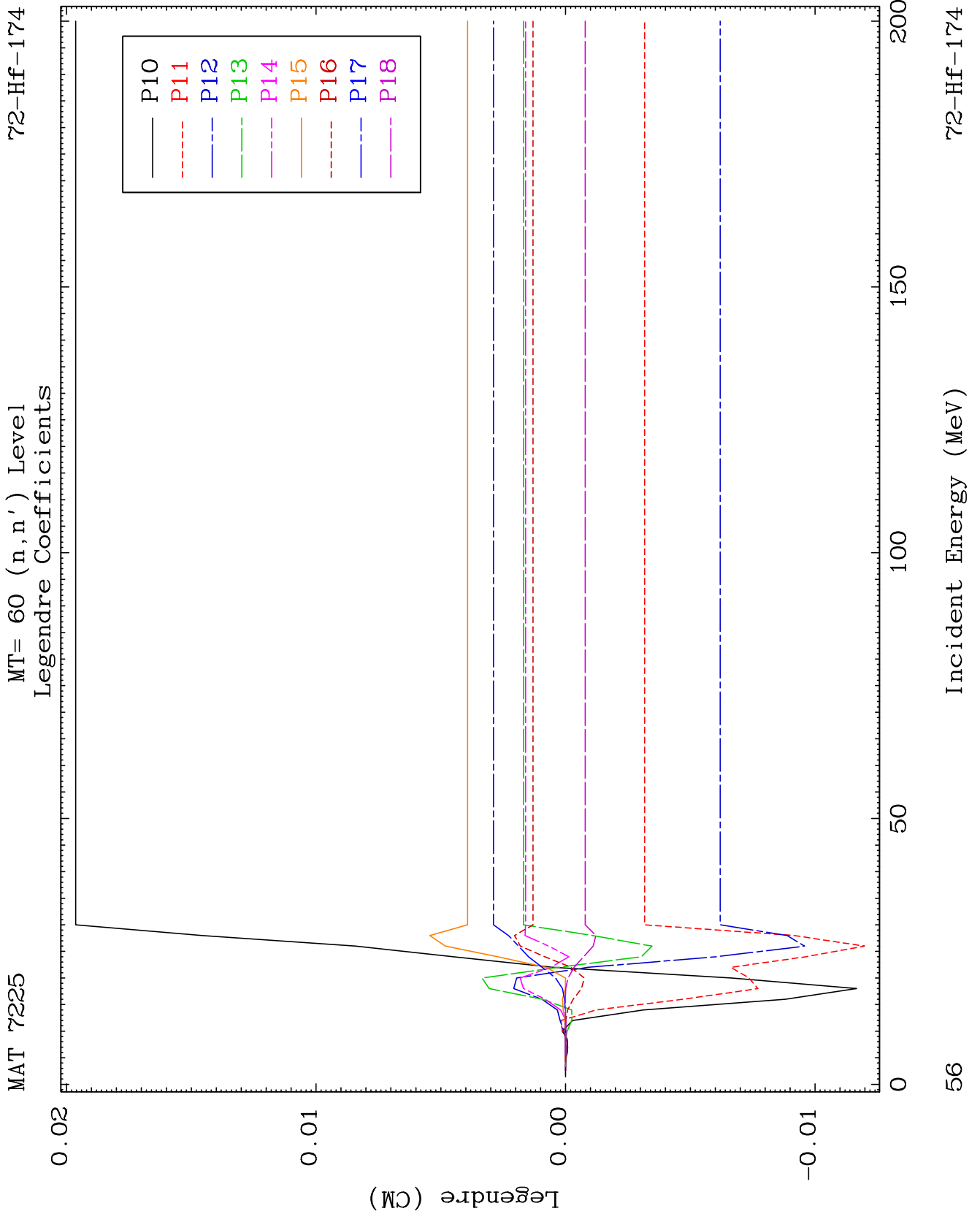


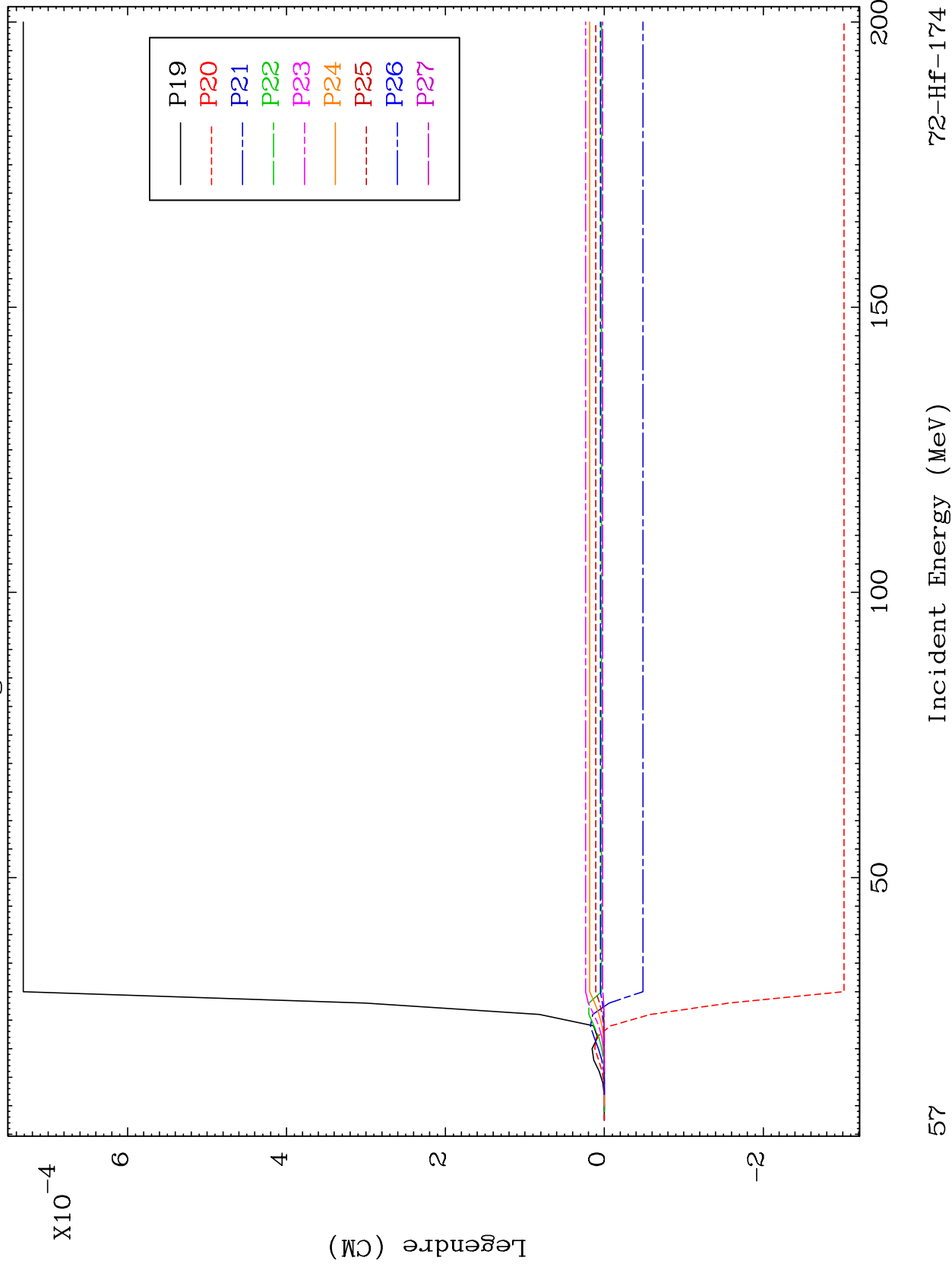
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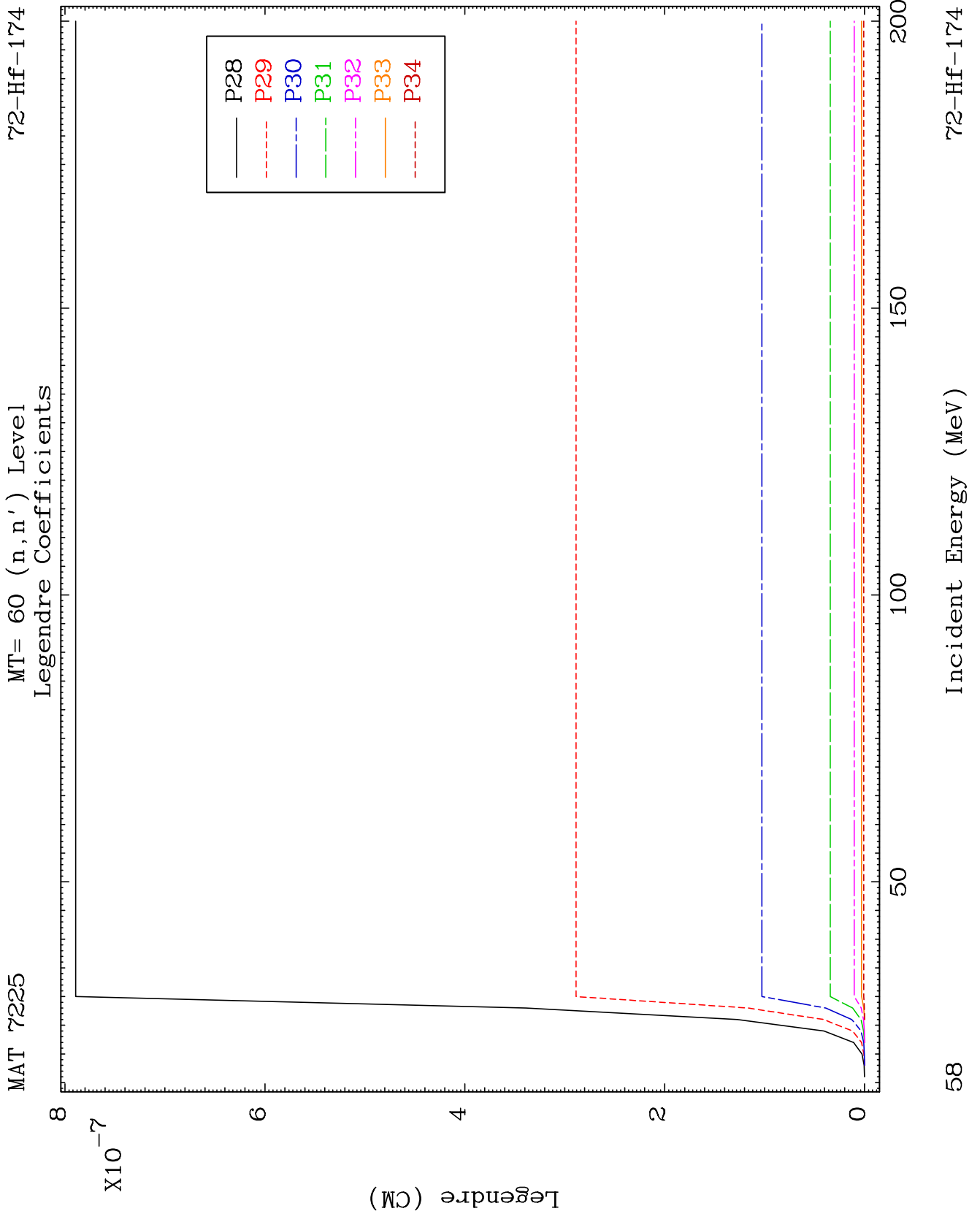
Incident Energy (MeV)

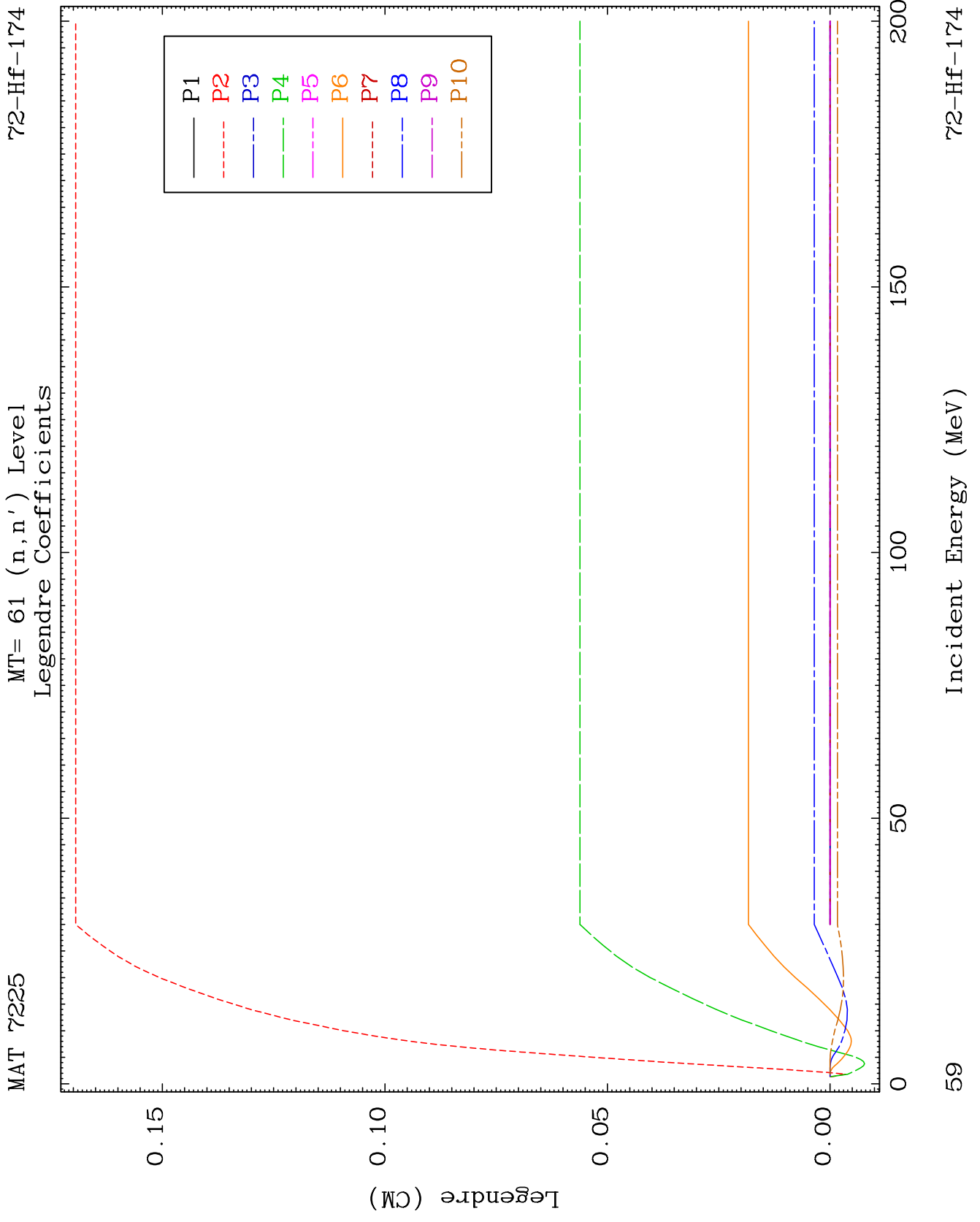
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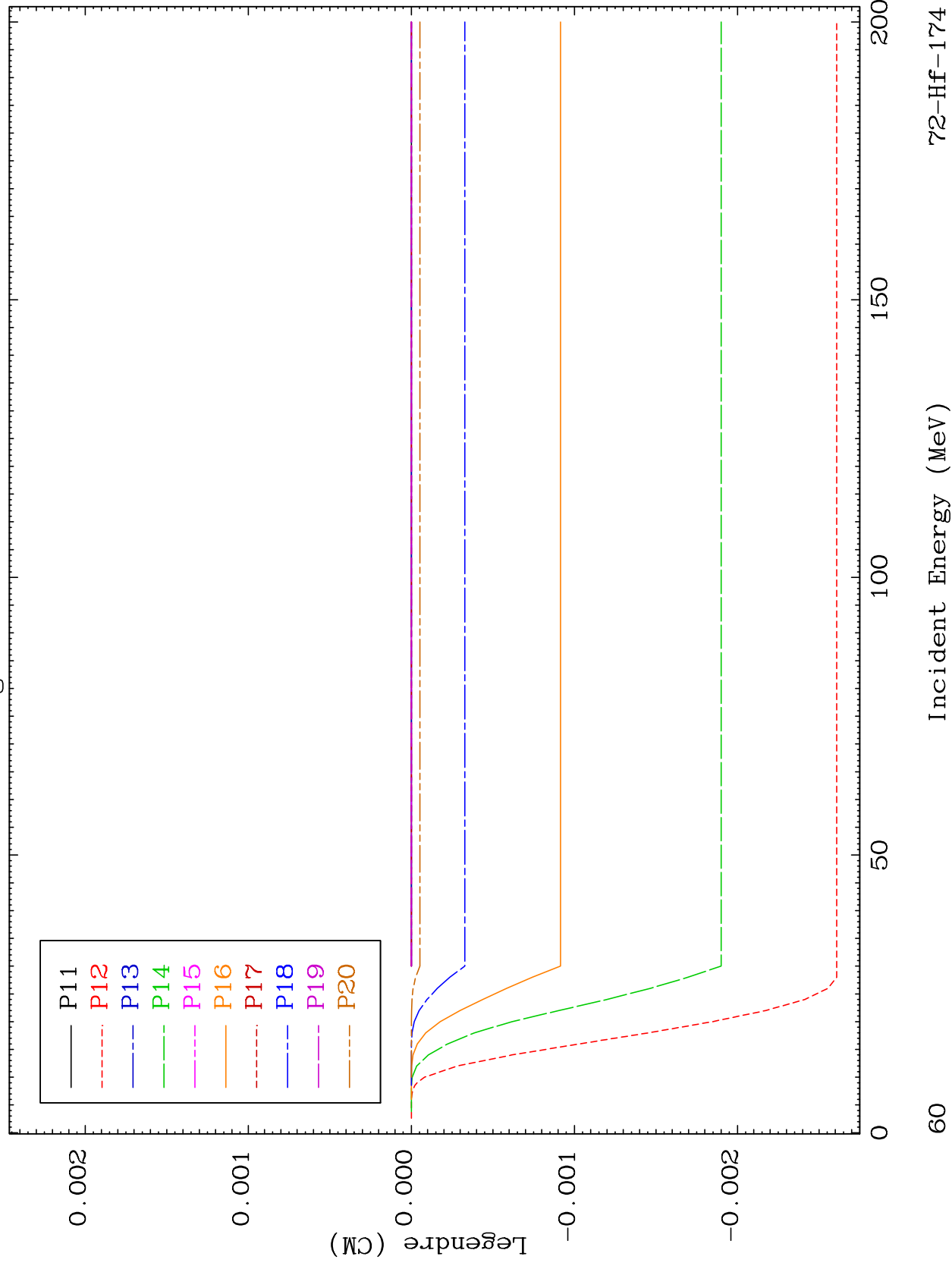




MAT 7225

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

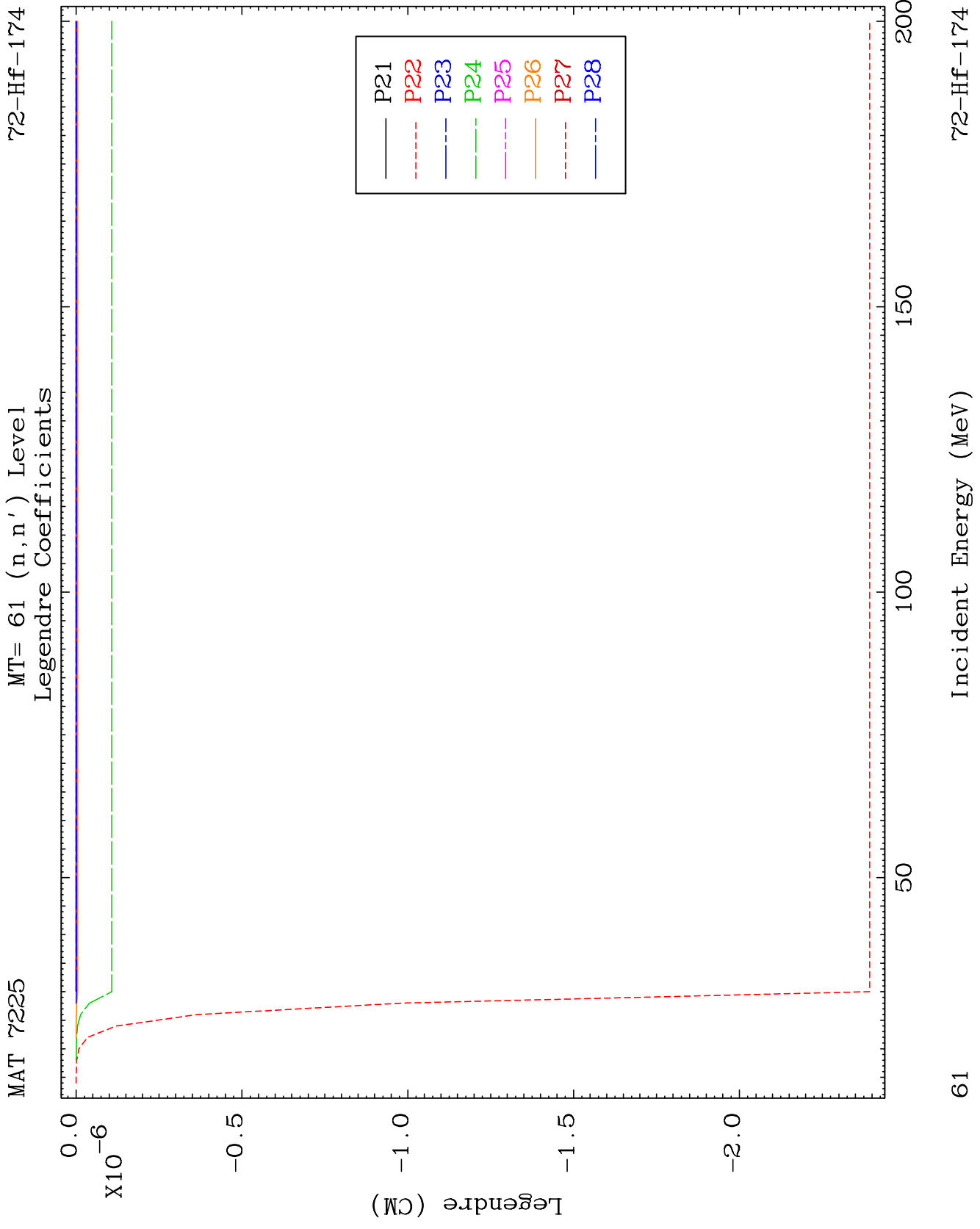
72-Hf-174



72-Hf-174

Incident Energy (MeV)

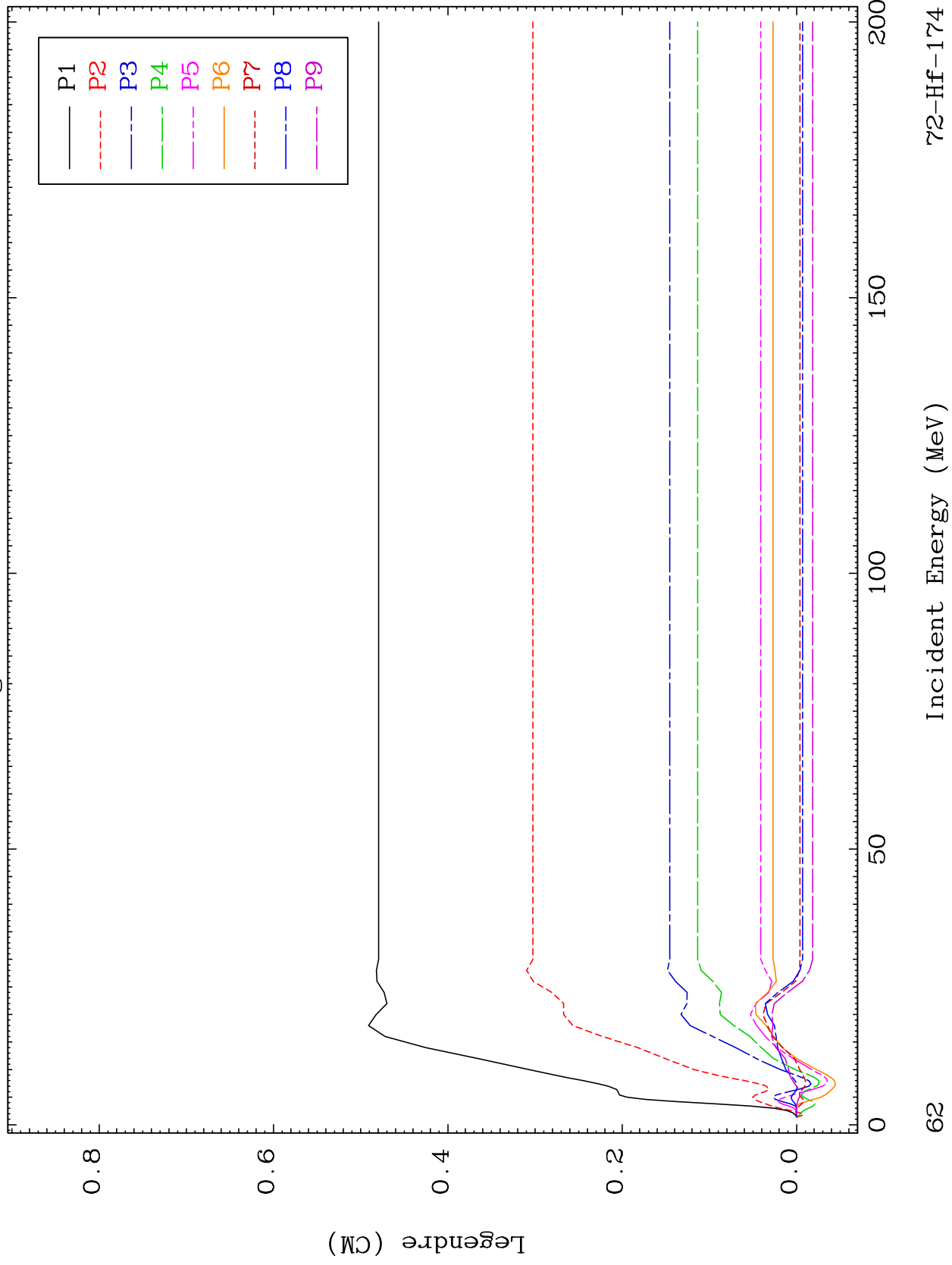
60



MAT 7225

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

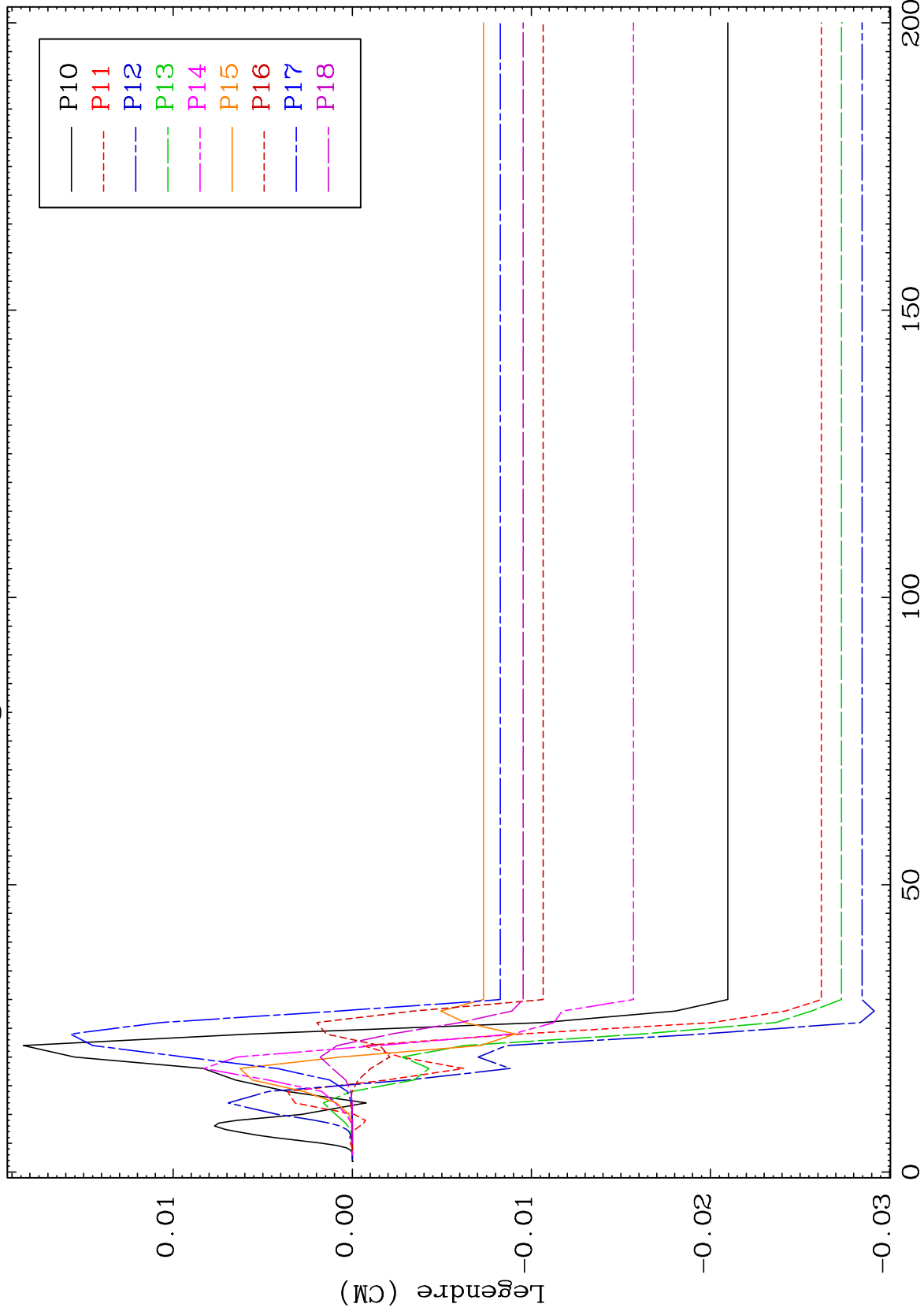
72-Hf-174



MAT 7225

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

72-Hf-174



63

Incident Energy (MeV)

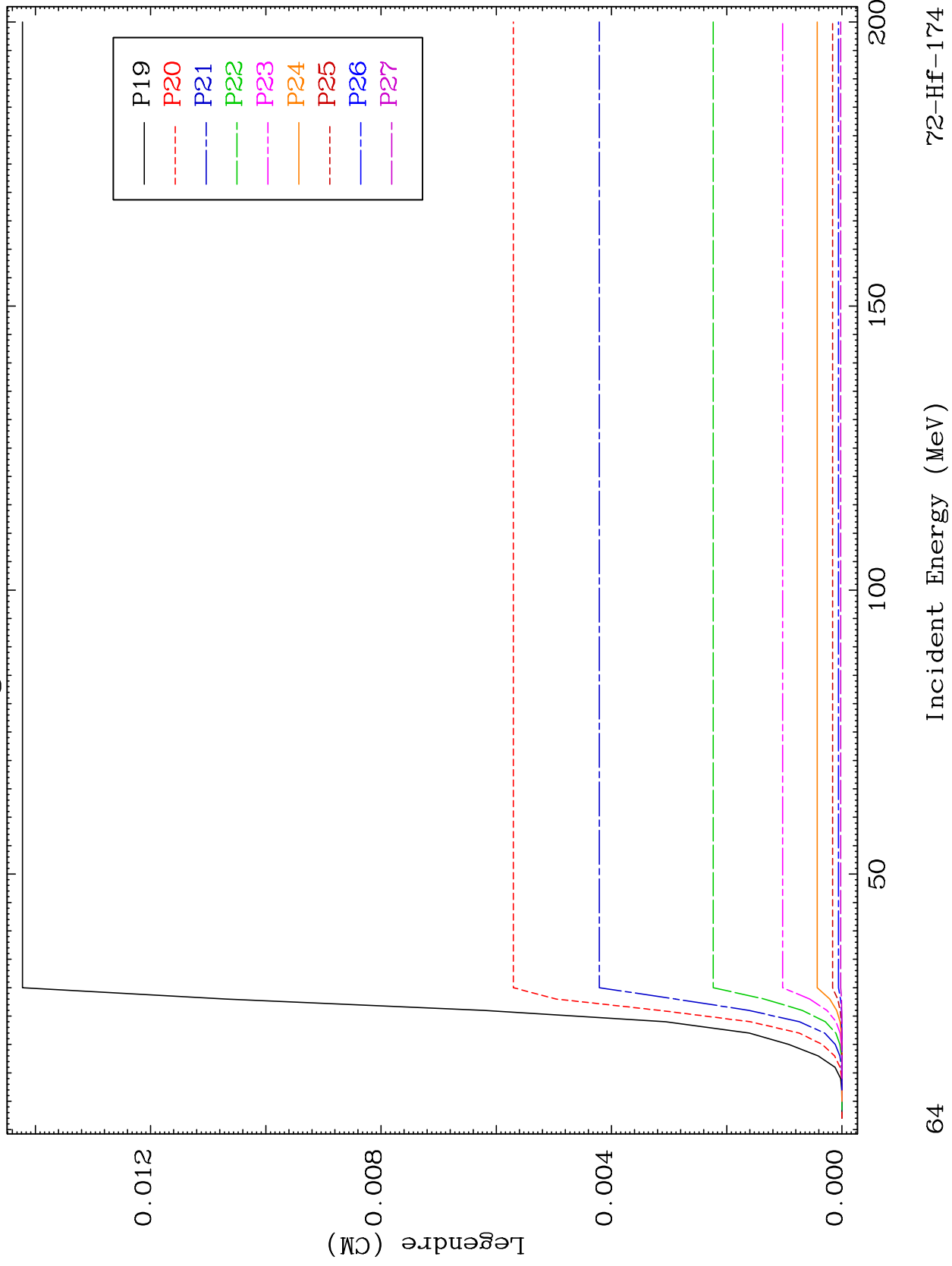
72-Hf-174



MAT 7225

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

72-Hf-174



64

Incident Energy (MeV)

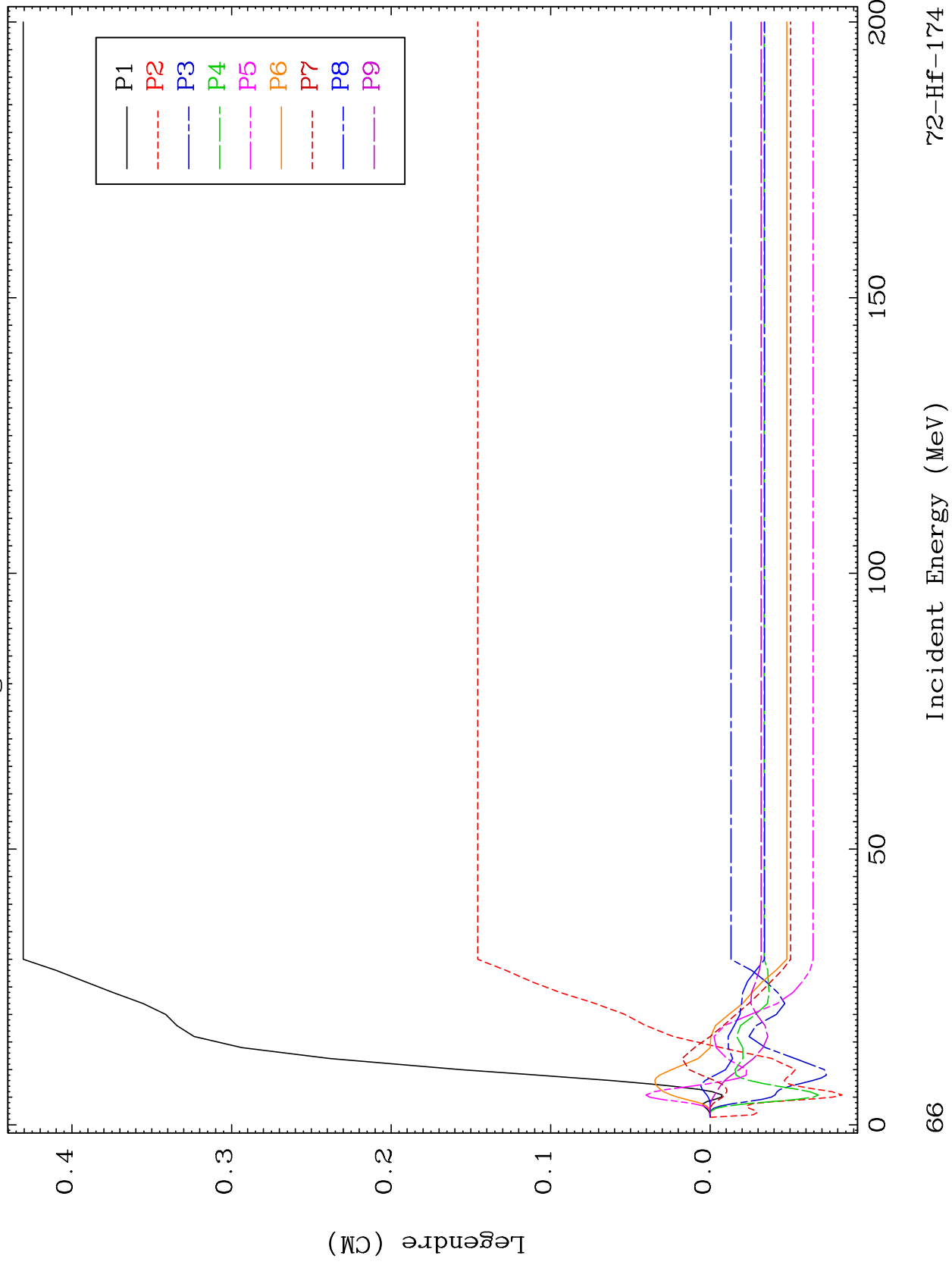
72-Hf-174



MAT 7225

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

72-Hf-174



72-Hf-174

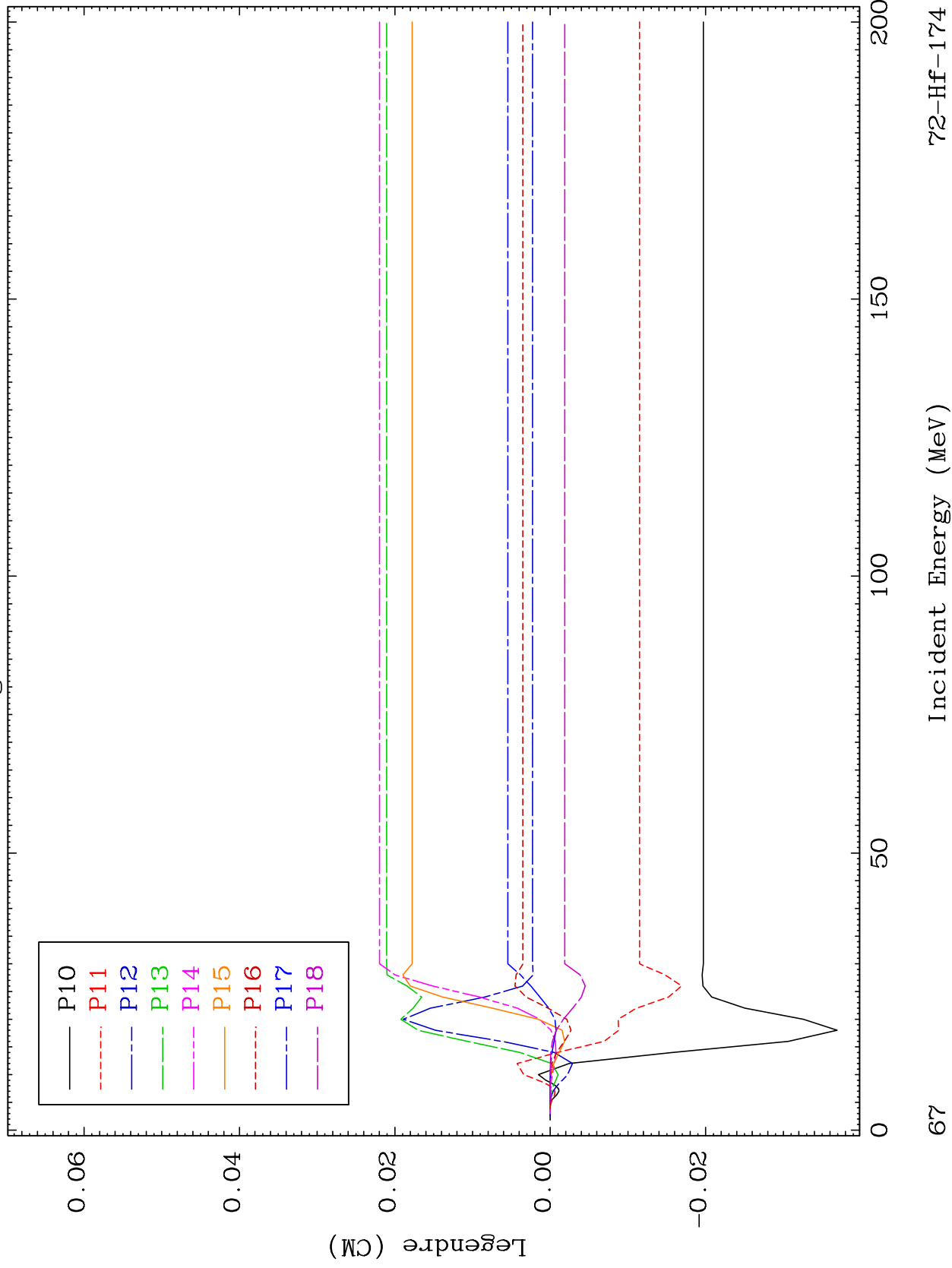
Incident Energy (MeV)

66

MAT 7225

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

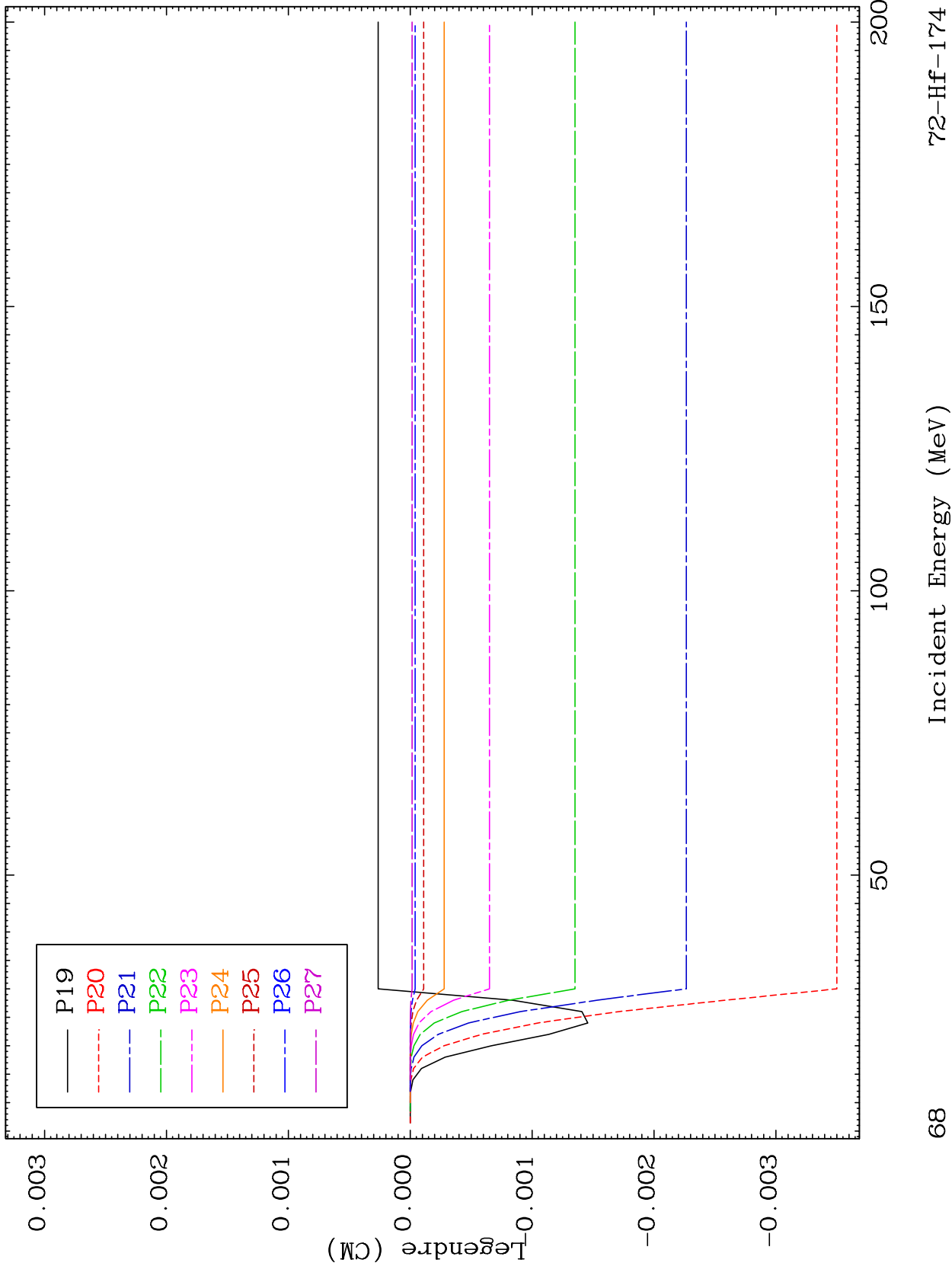
72-Hf-174

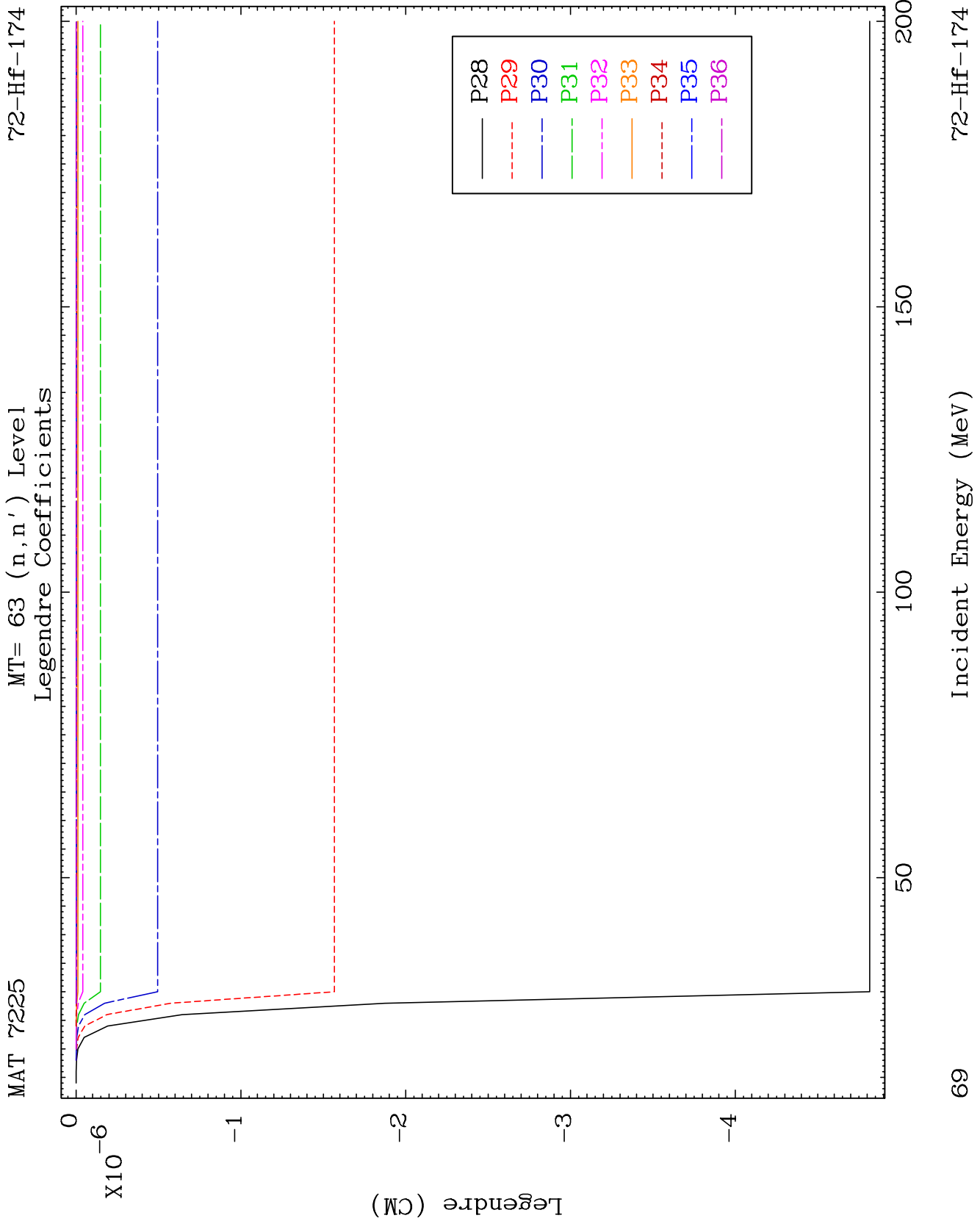


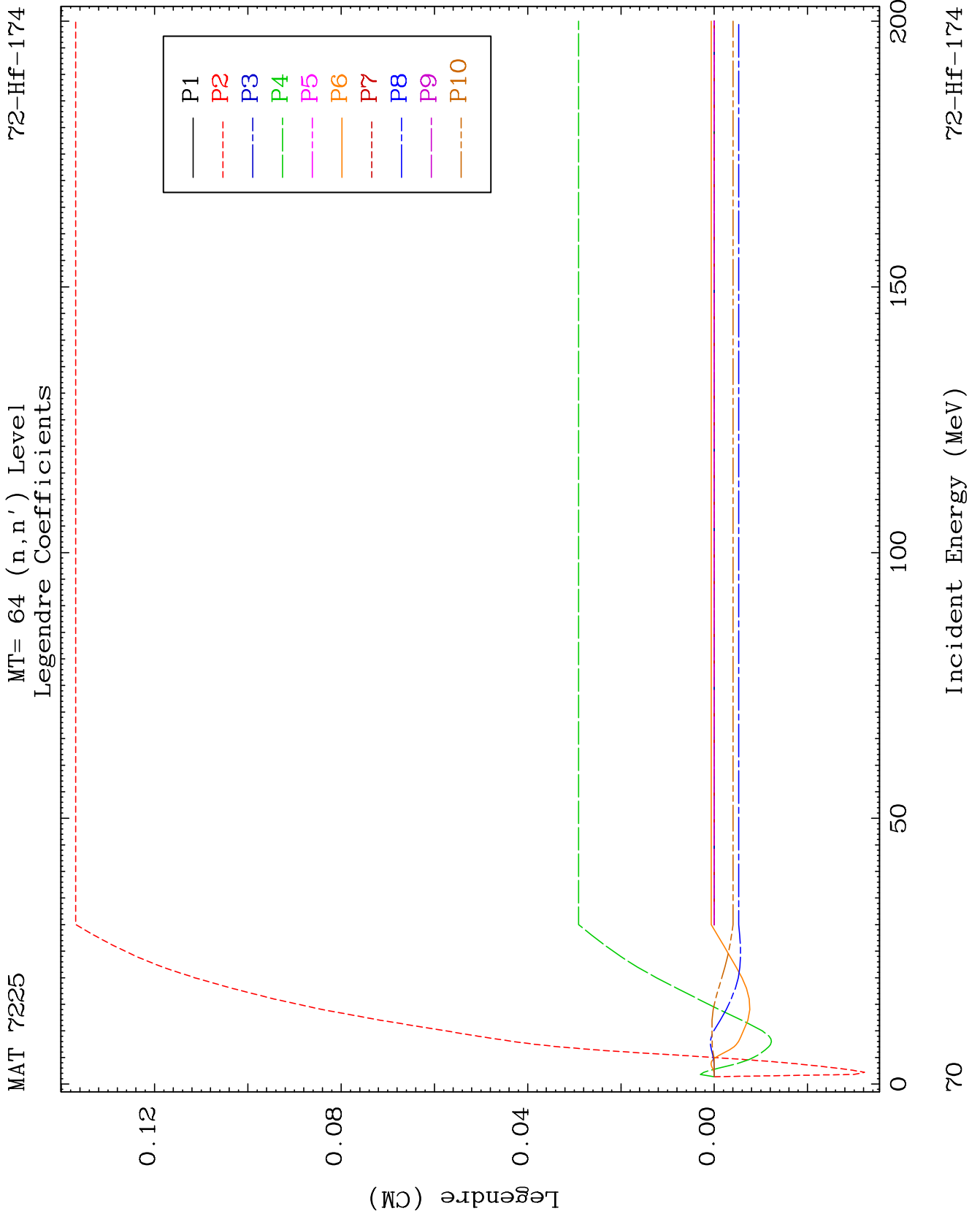
67

Incident Energy (MeV)

72-Hf-174



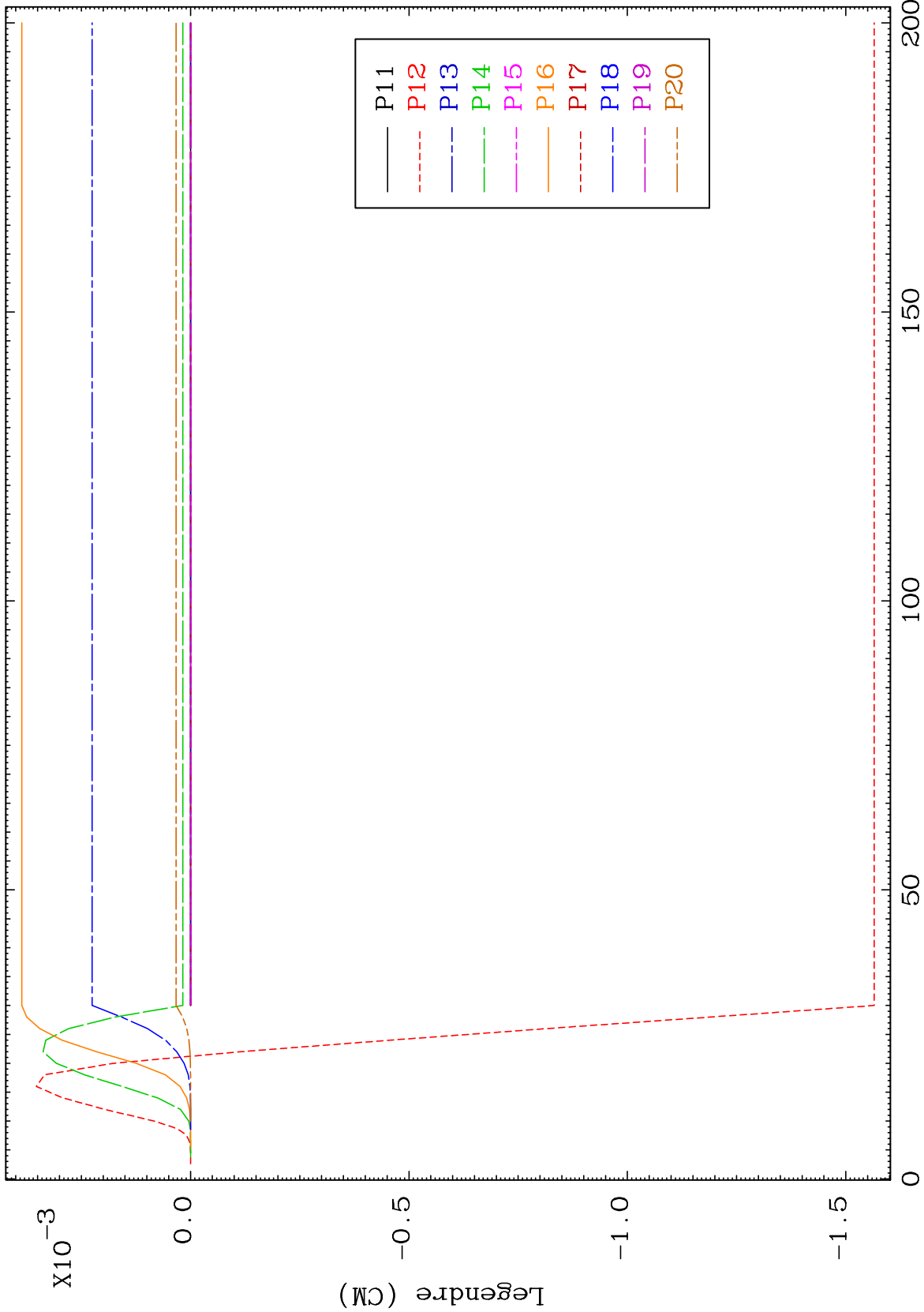




MAT 7225

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

72-Hf-174

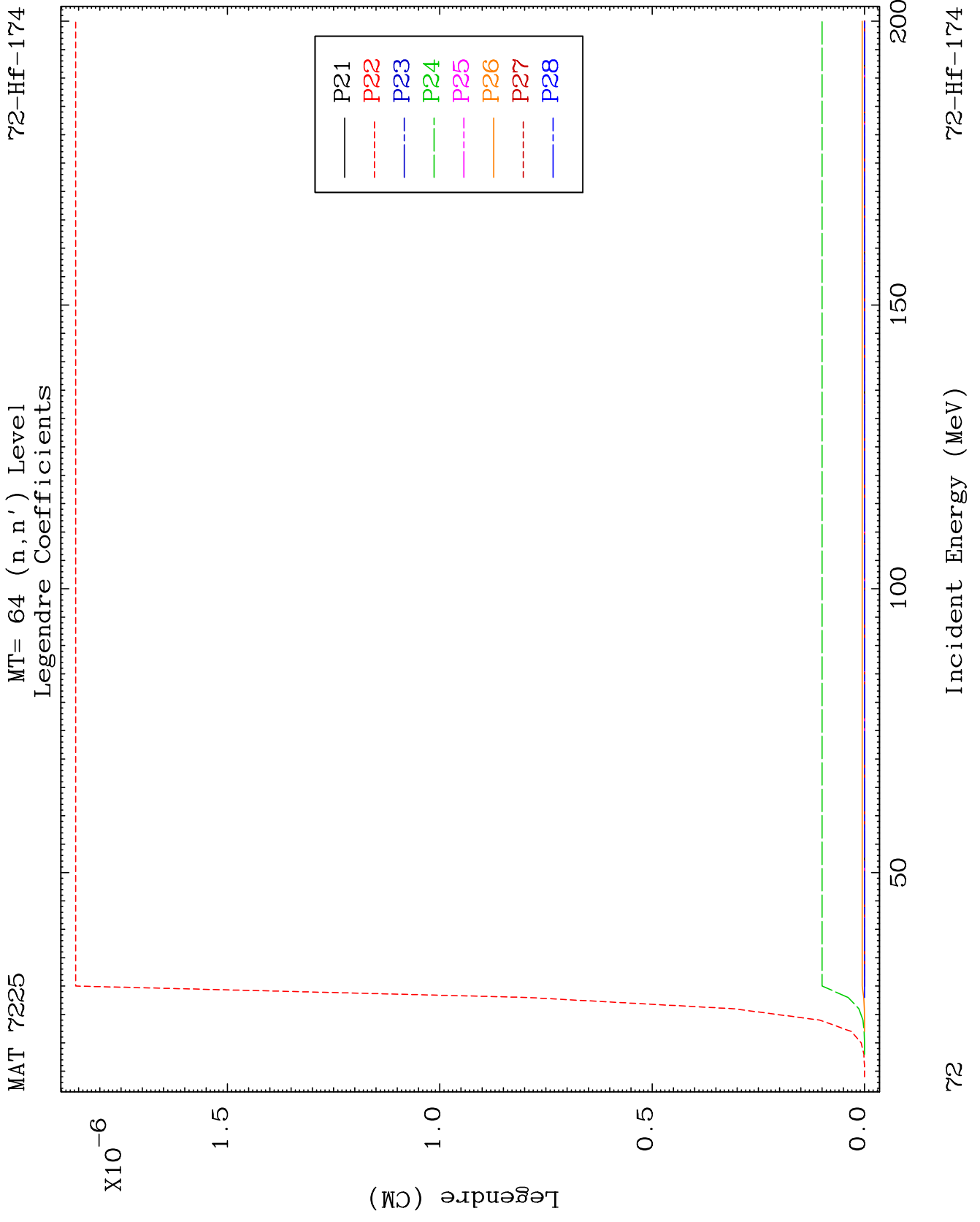


71

Incident Energy (MeV)

72-Hf-174

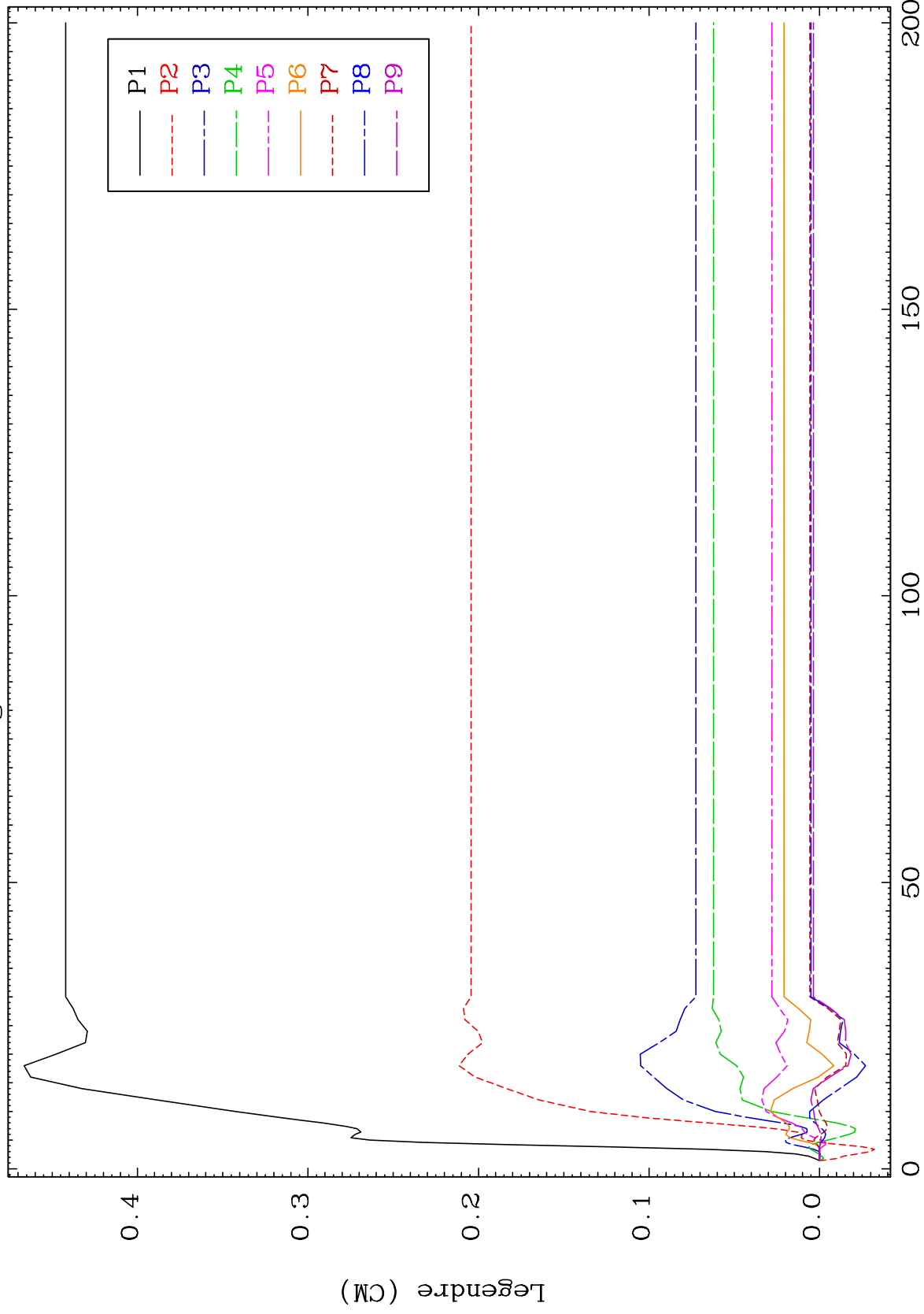




MAT 7225

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

72-Hf-174



73

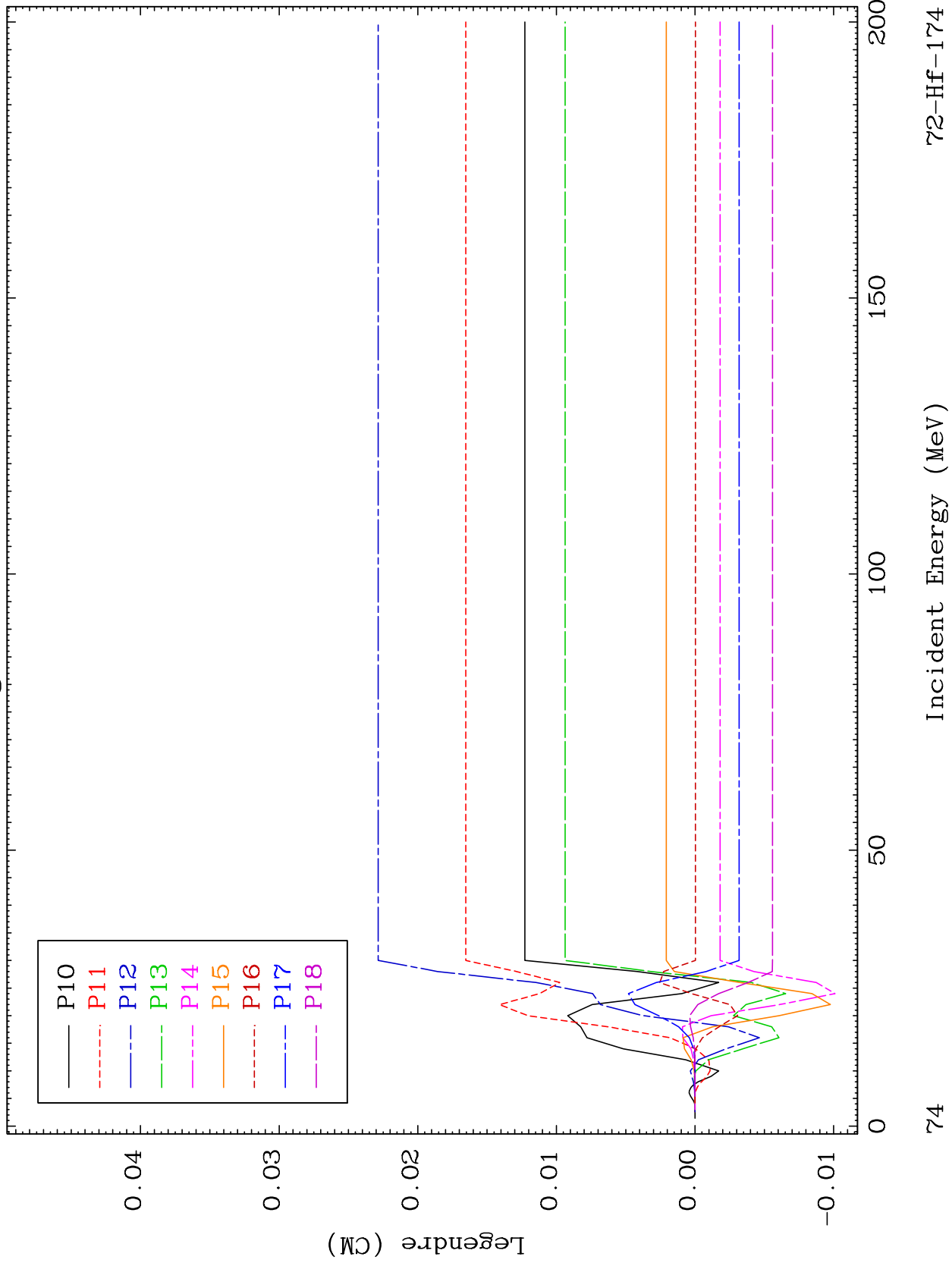
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



74

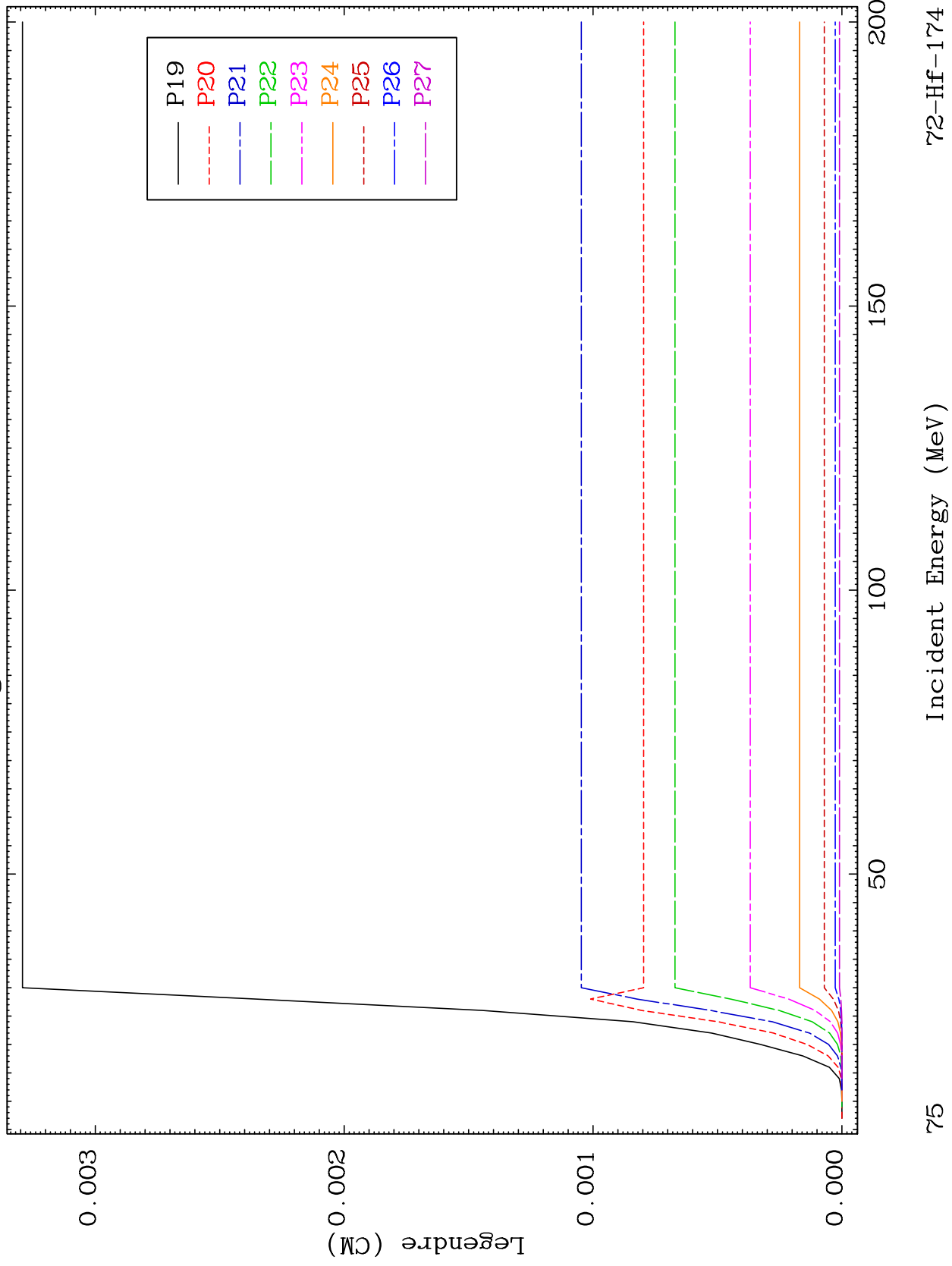
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



75

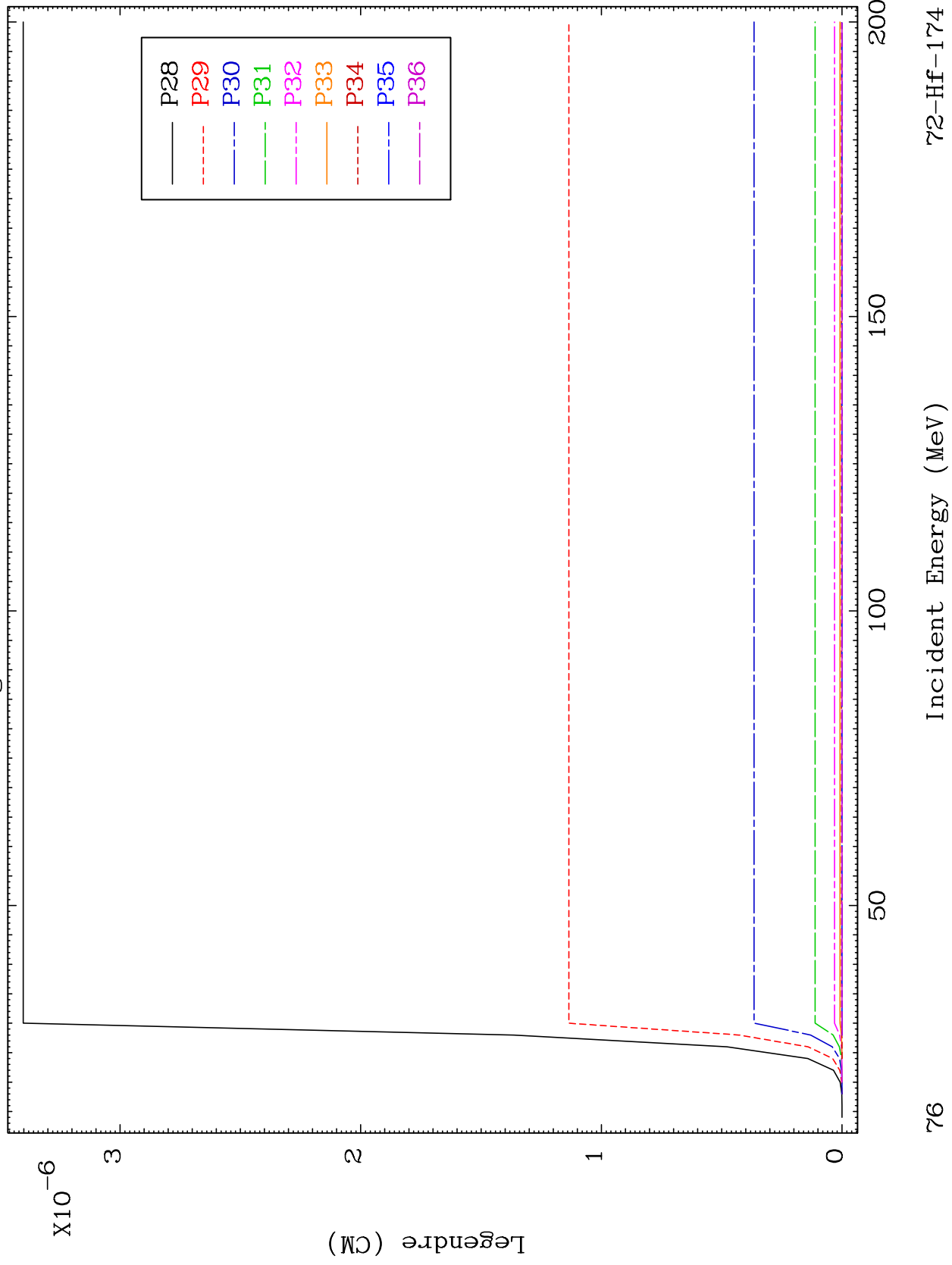
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174

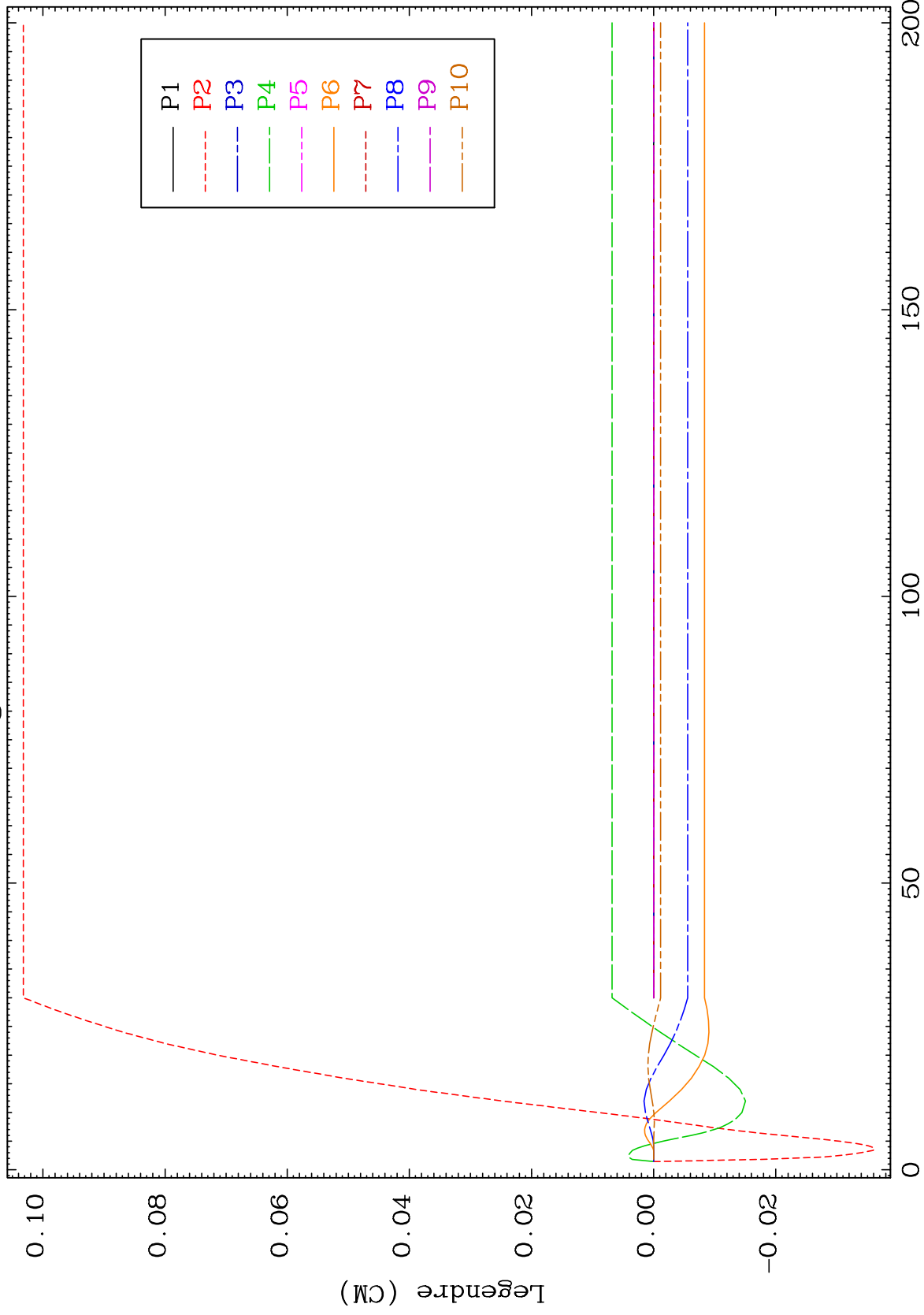


76

MAT 7225

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

72-Hf-174



77

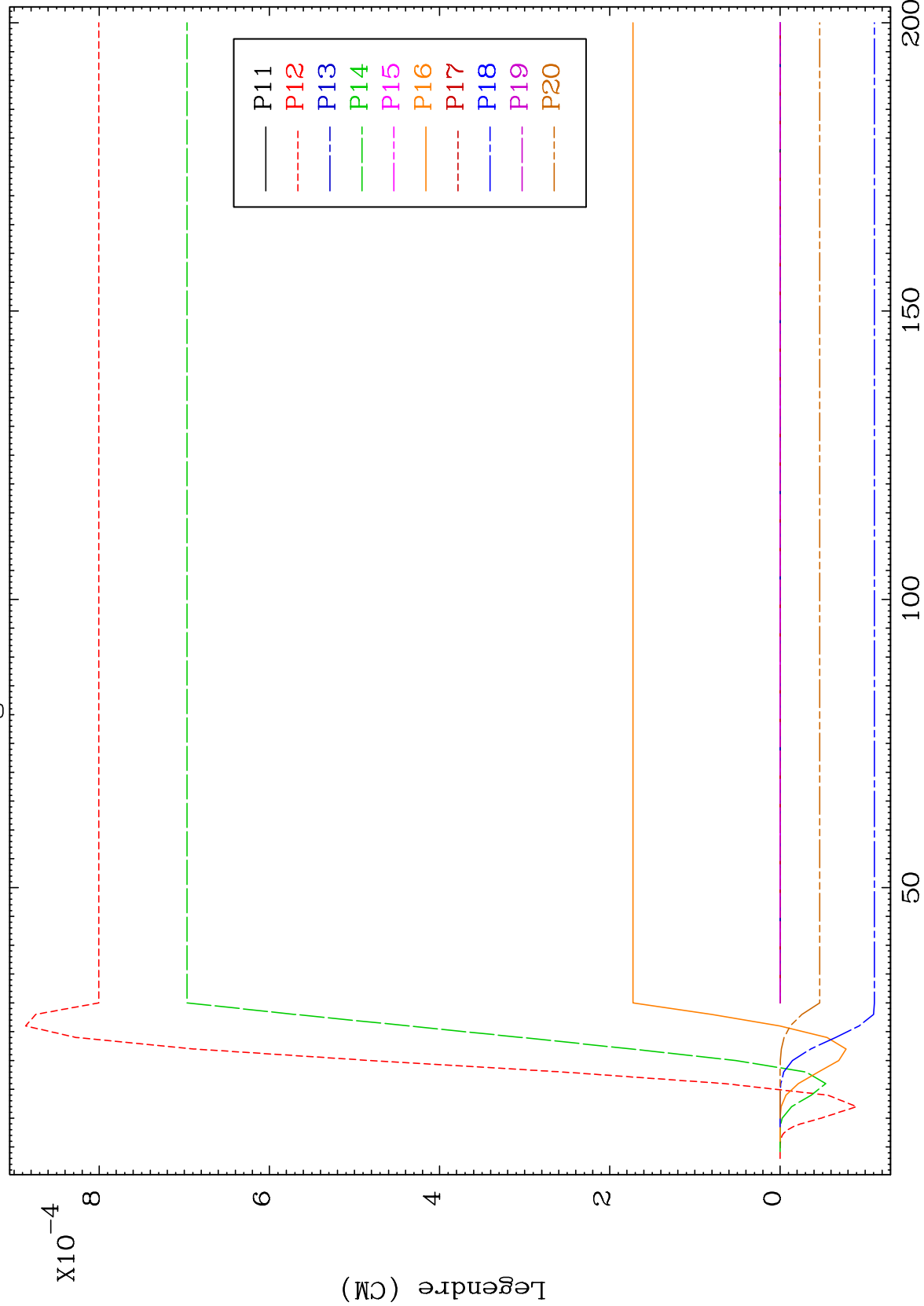
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

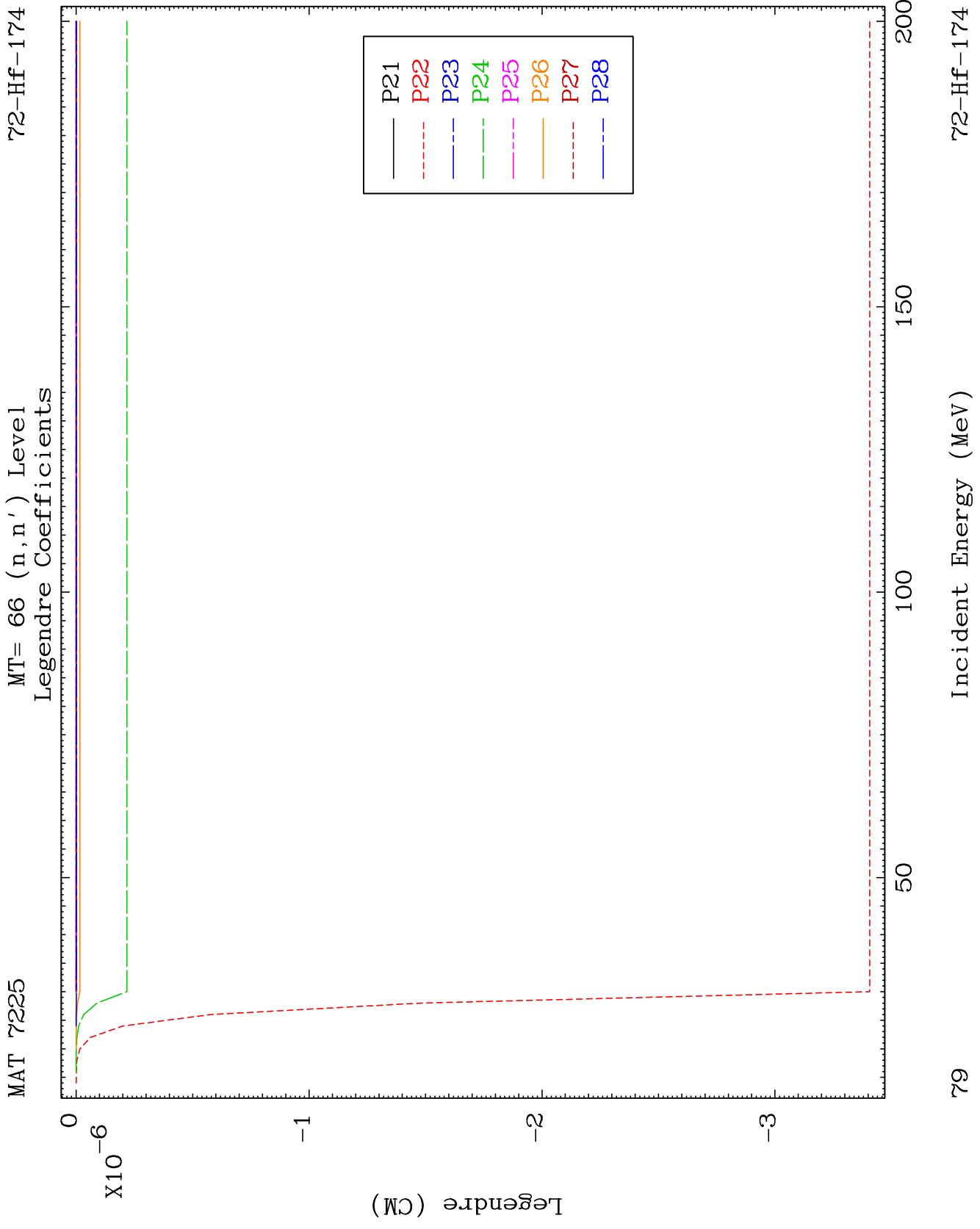
72-Hf-174



78

Incident Energy (MeV)

72-Hf-174

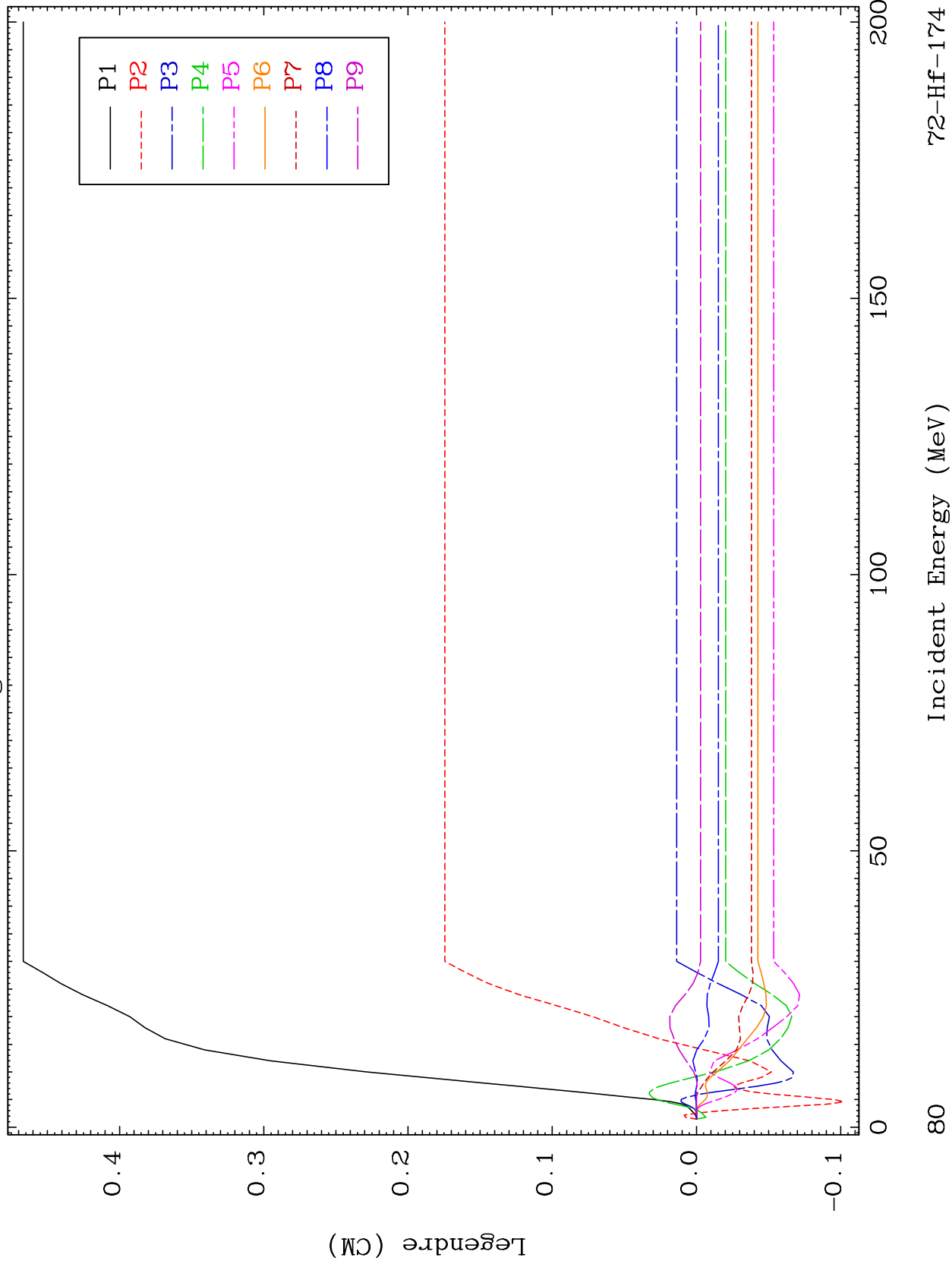




MAT 7225

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

72-Hf-174

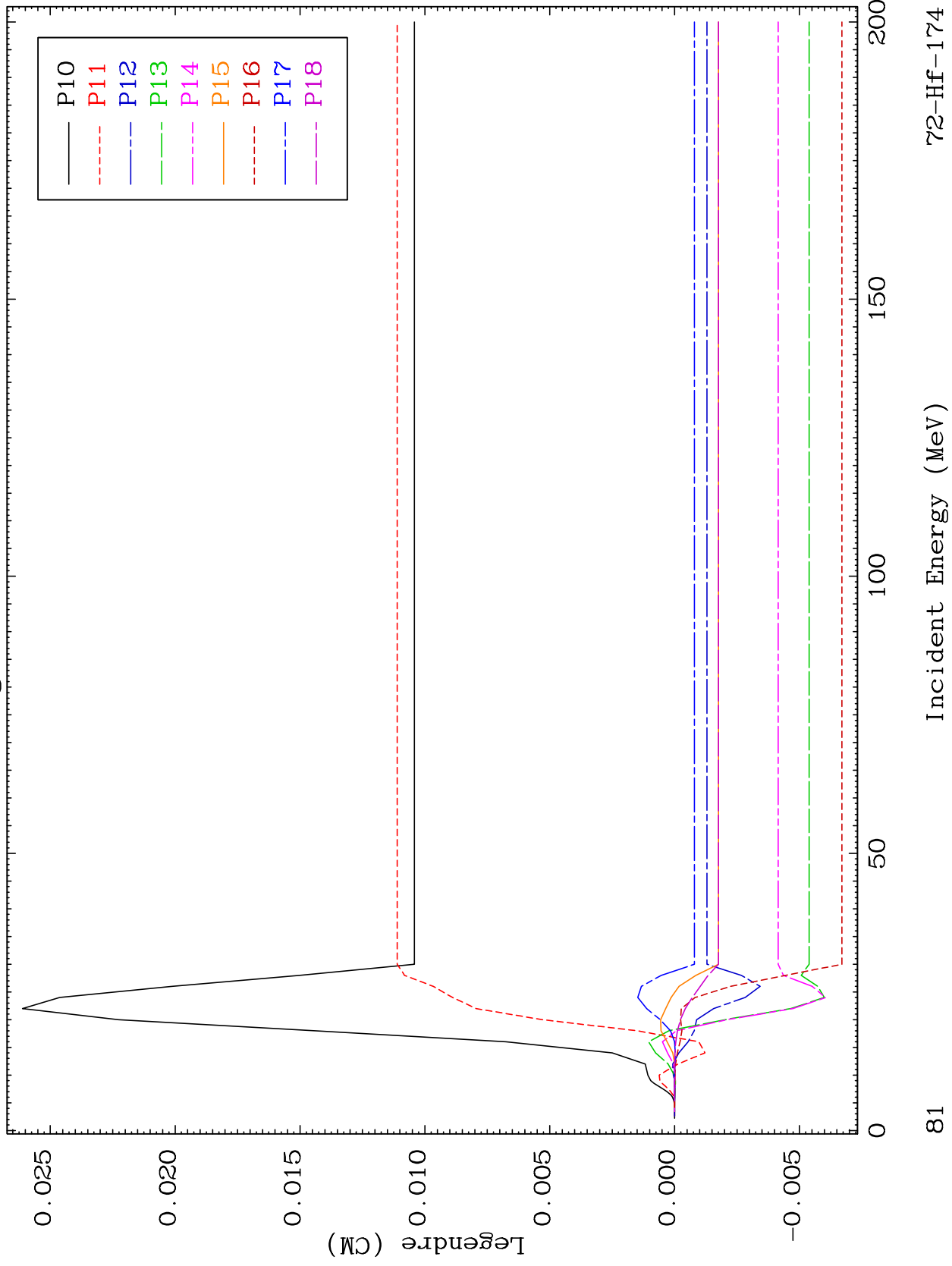


72-Hf-174

MAT 7225

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

72-Hf-174



81

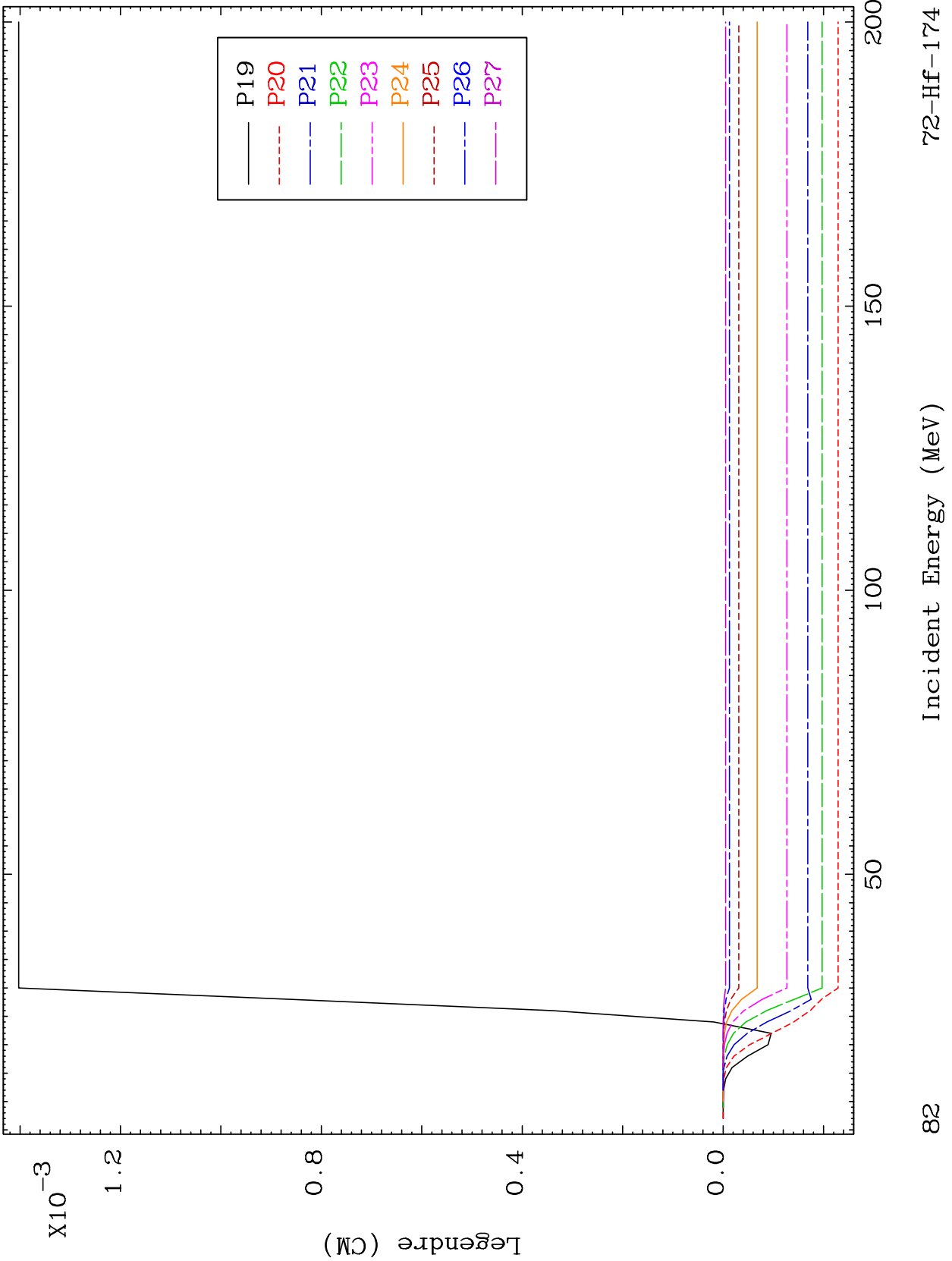
Incident Energy (MeV)

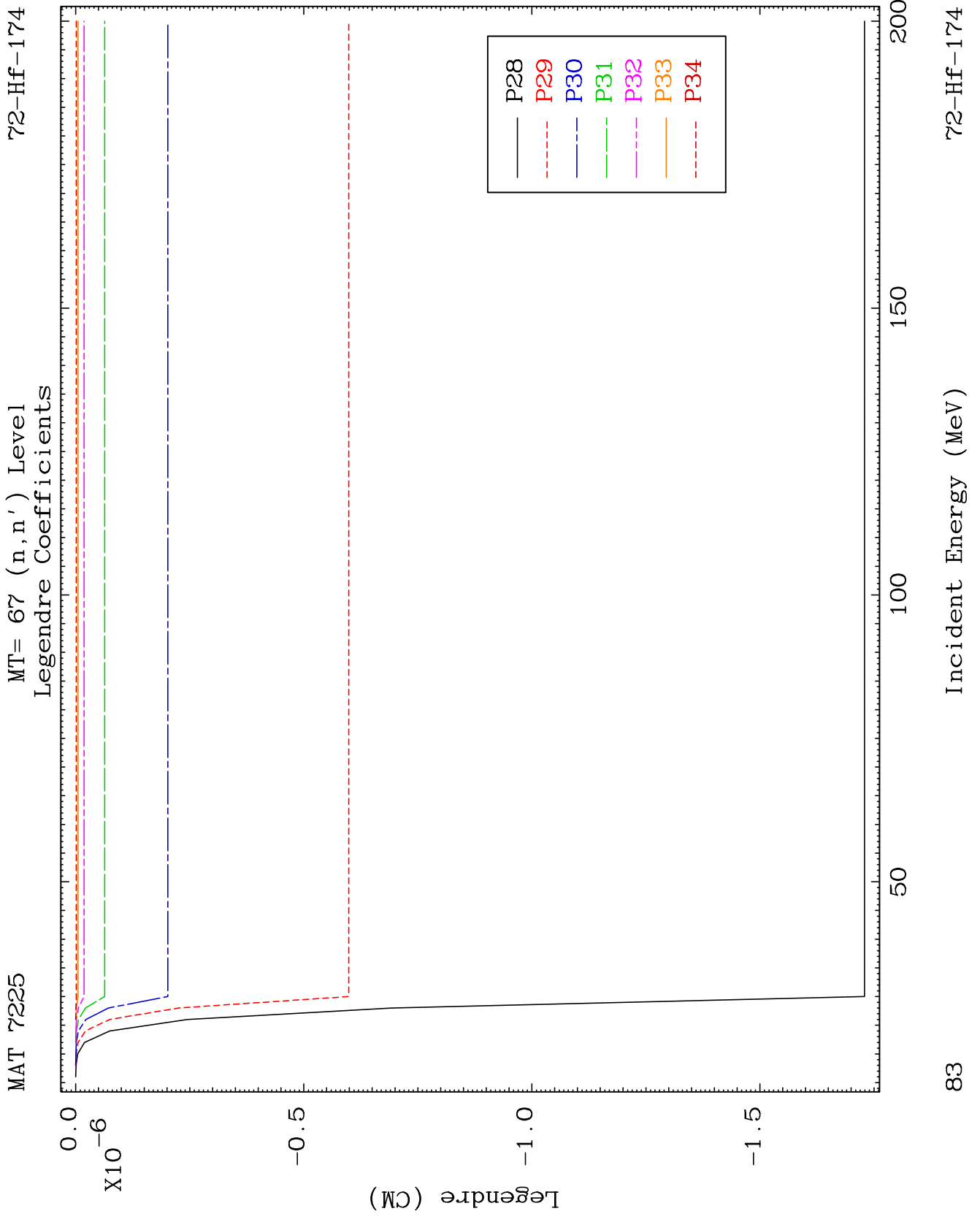
72-Hf-174

MAT 7225

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

72-Hf-174

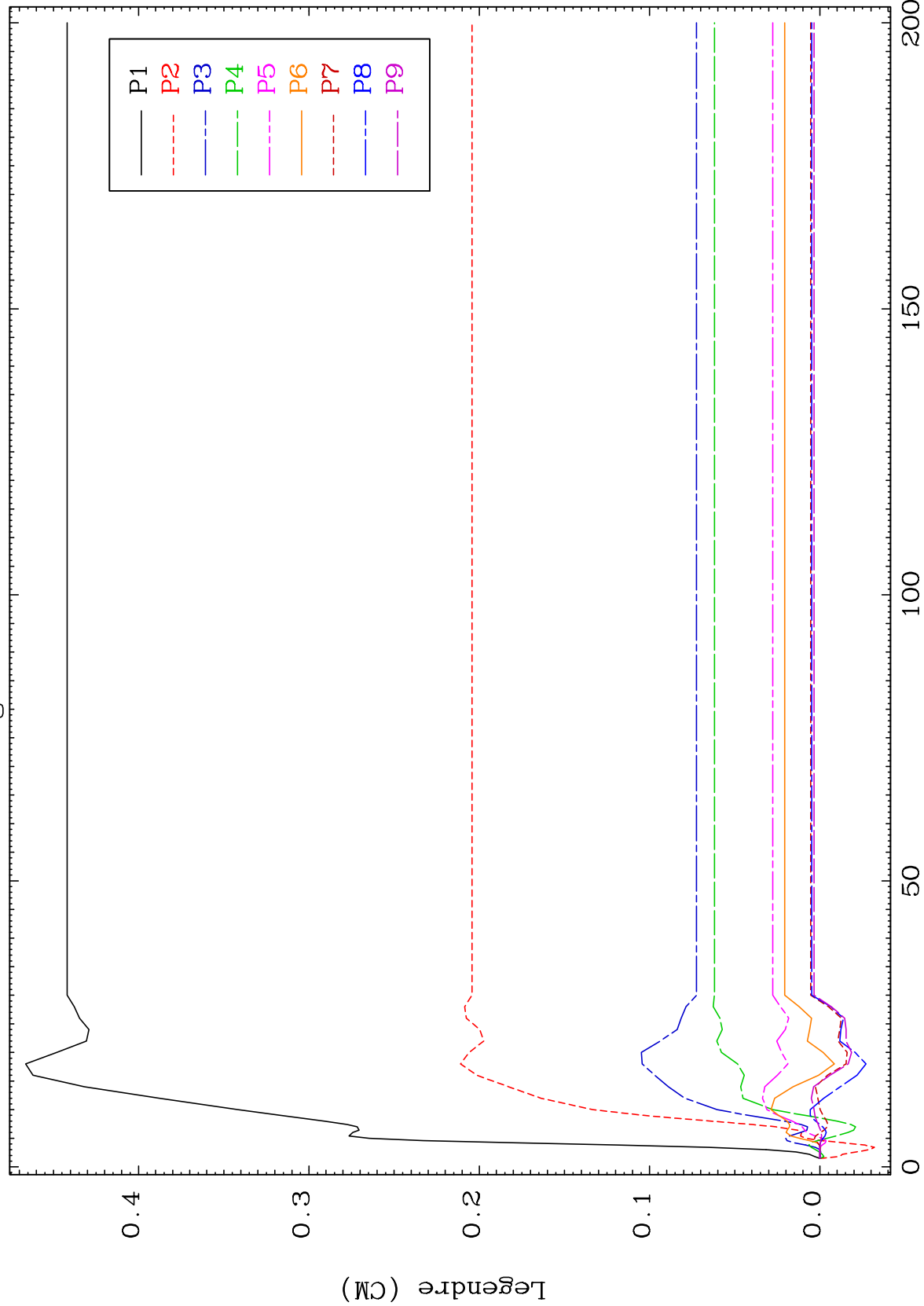




MAT 7225

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

72-Hf-174



84

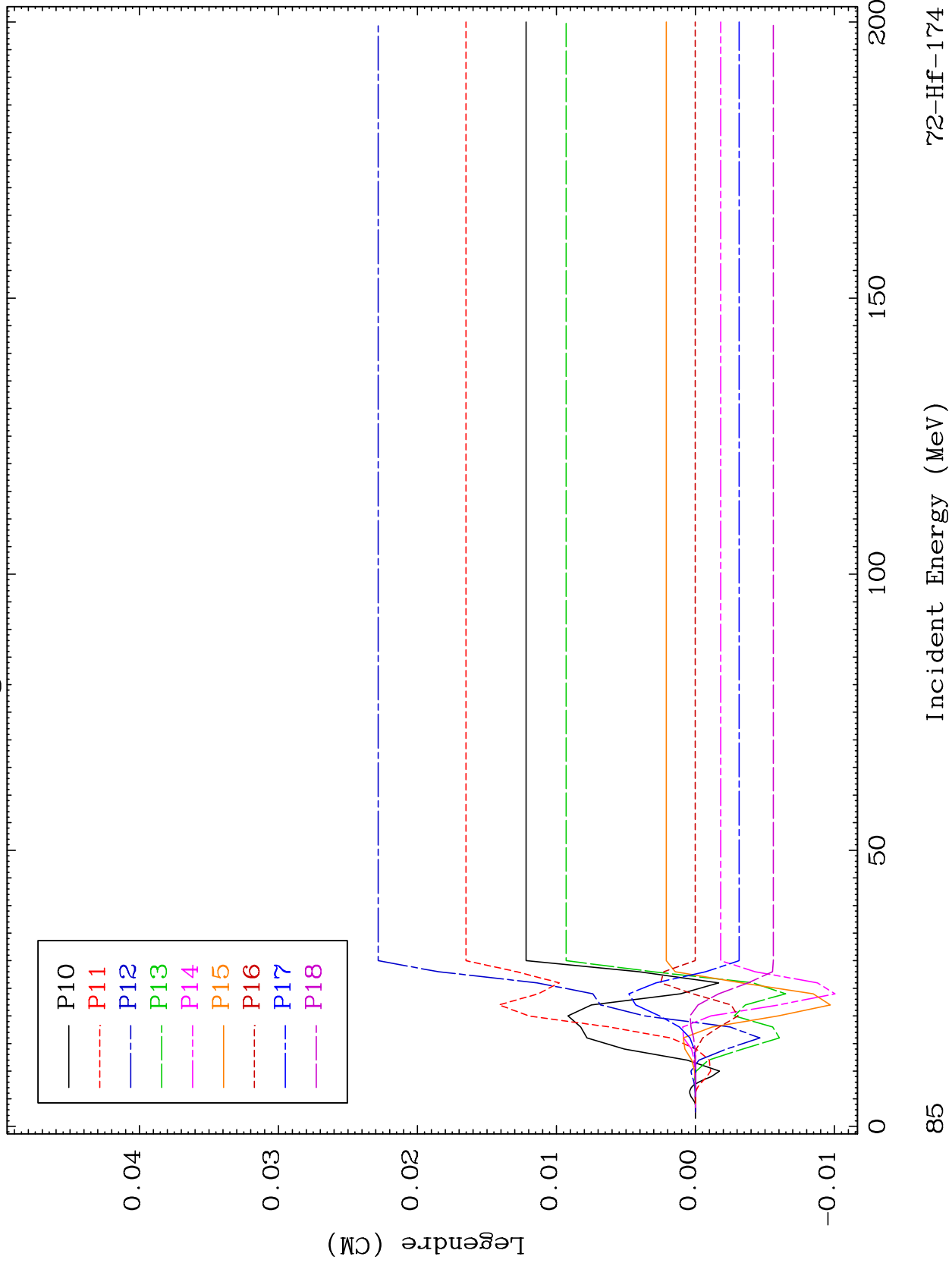
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

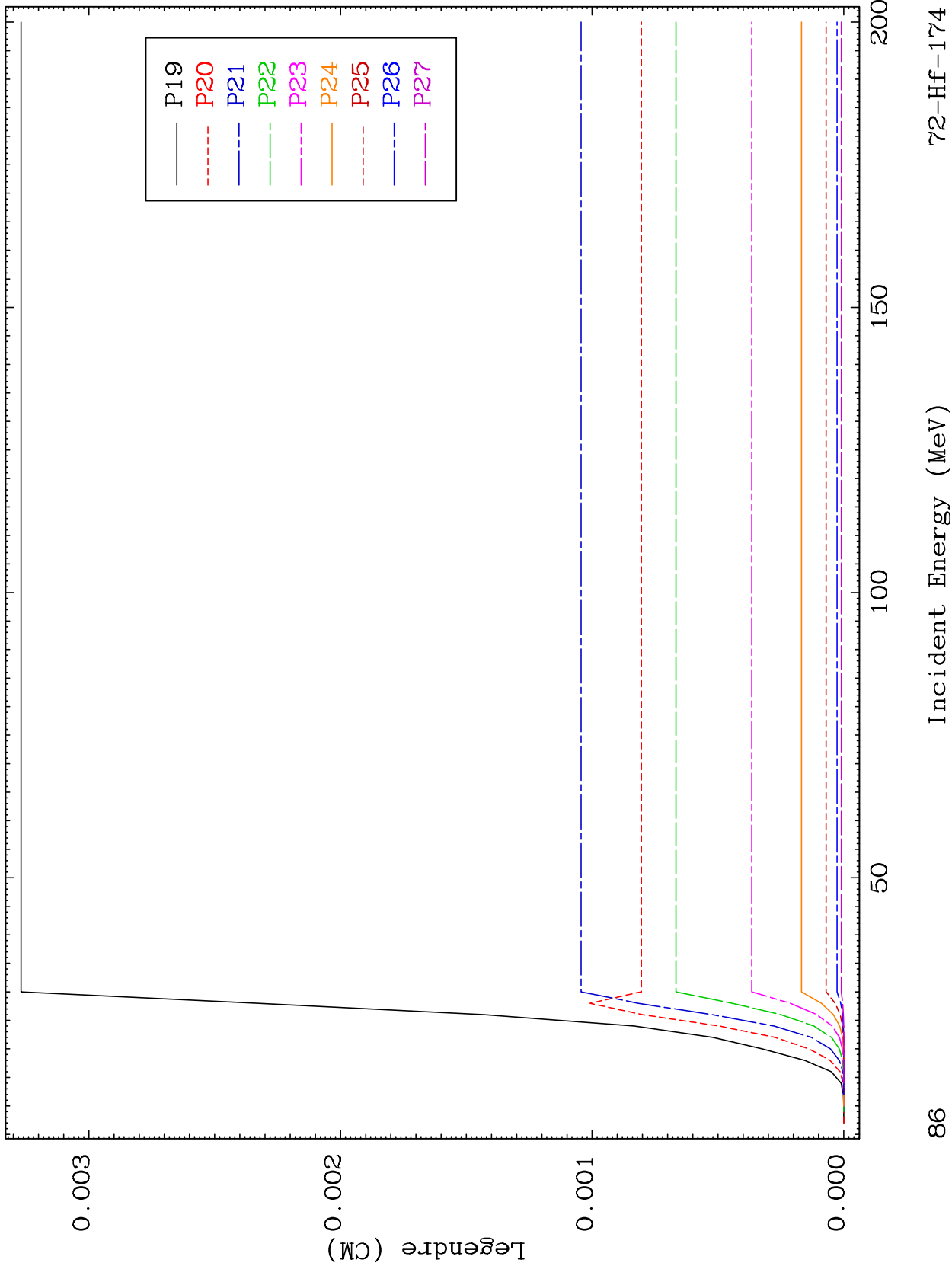
72-Hf-174



85

Incident Energy (MeV)

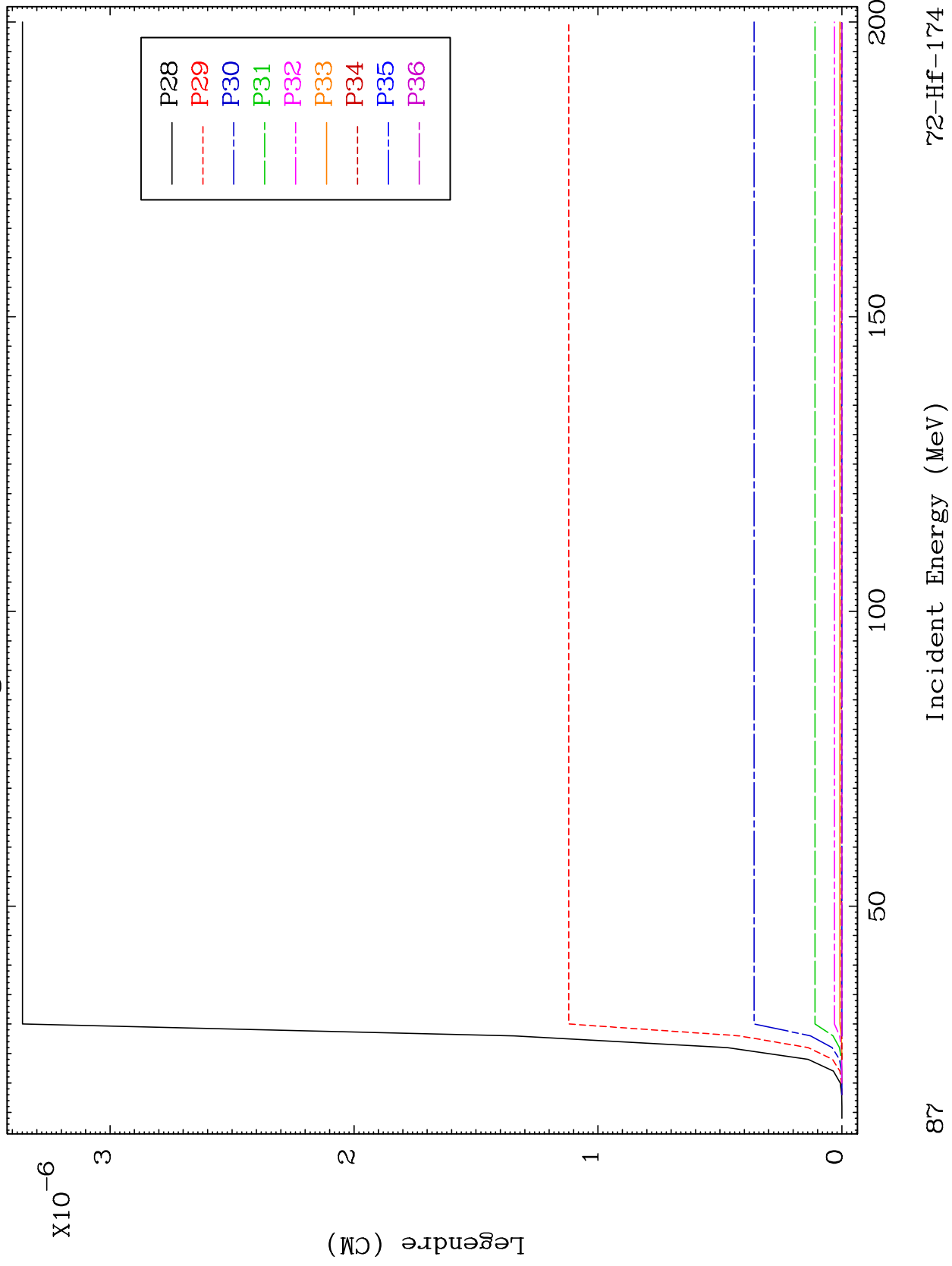
72-Hf-174



MAT 7225

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

72-Hf-174

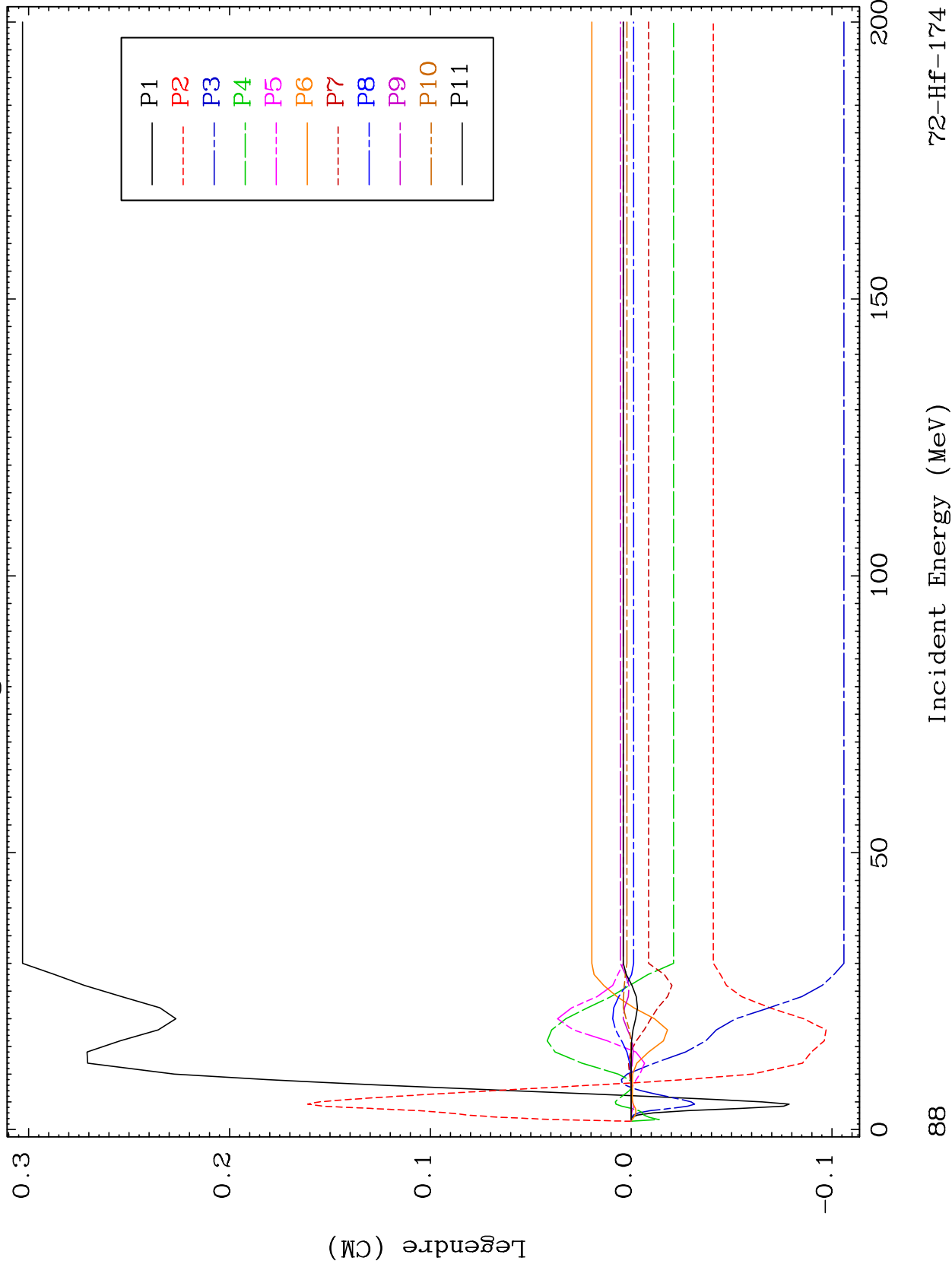




MAT 7225

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

72-Hf-174



72-Hf-174

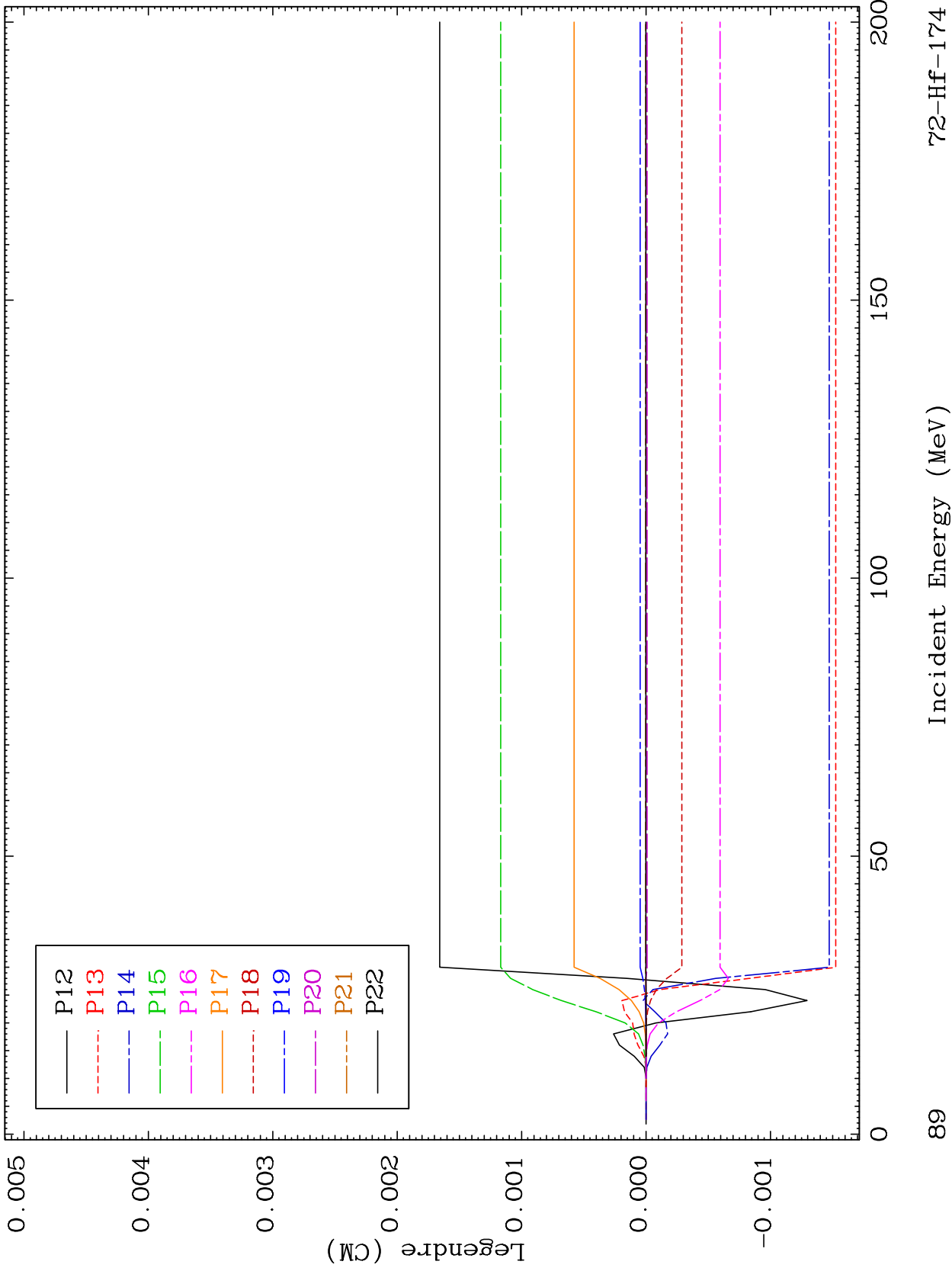
Incident Energy (MeV)

88

MAT 7225

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

72-Hf-174



89

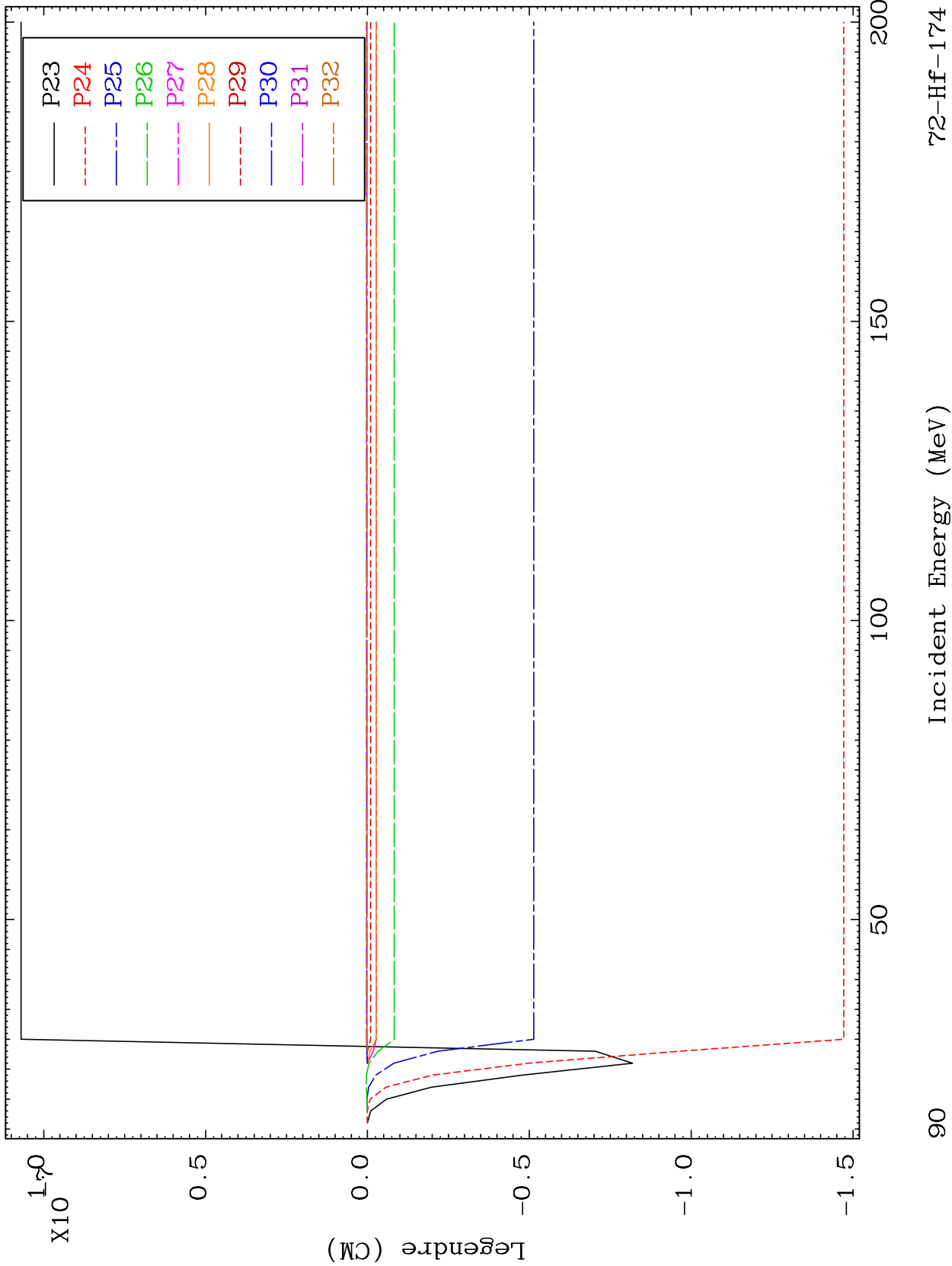
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



90

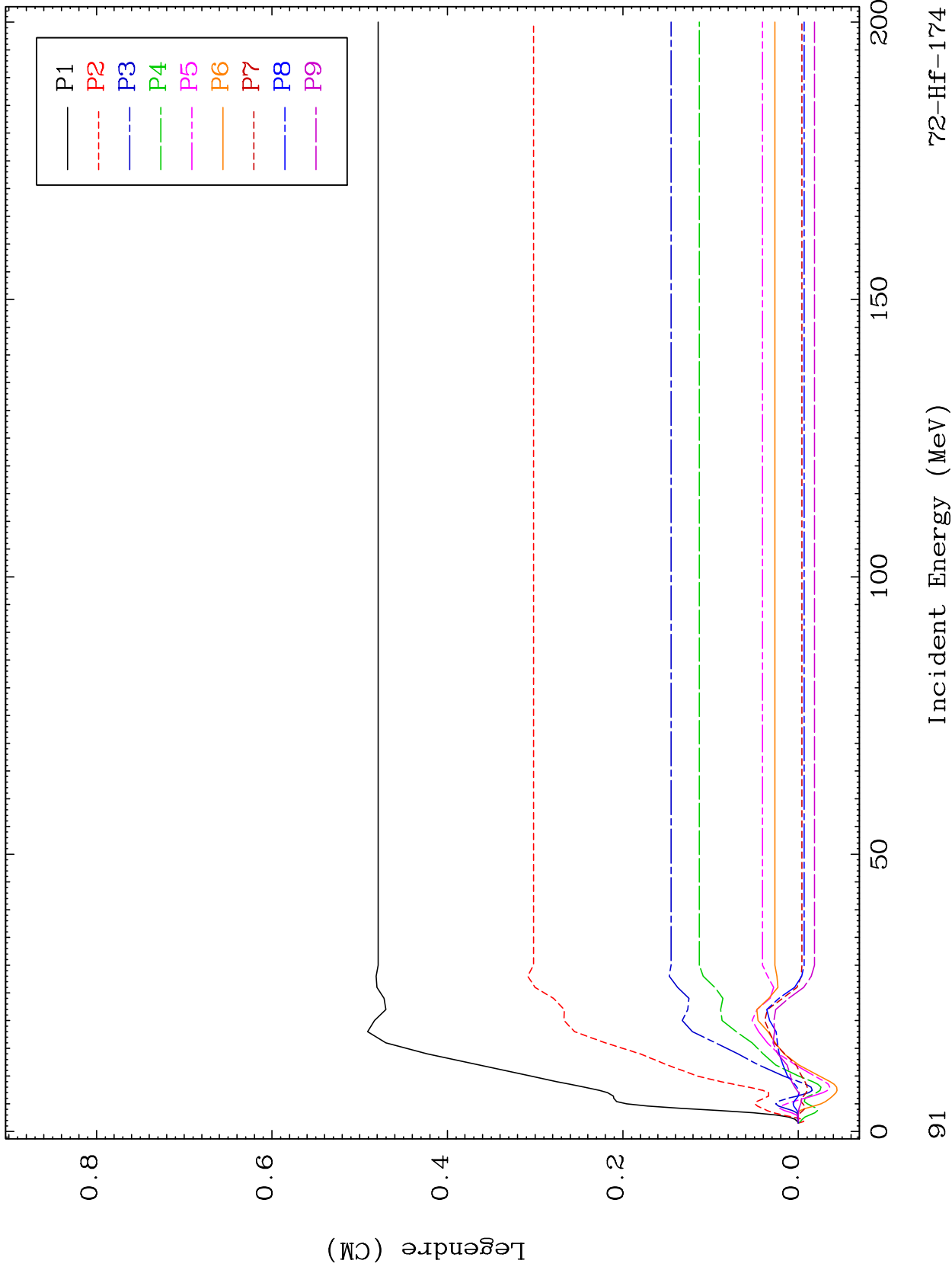
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

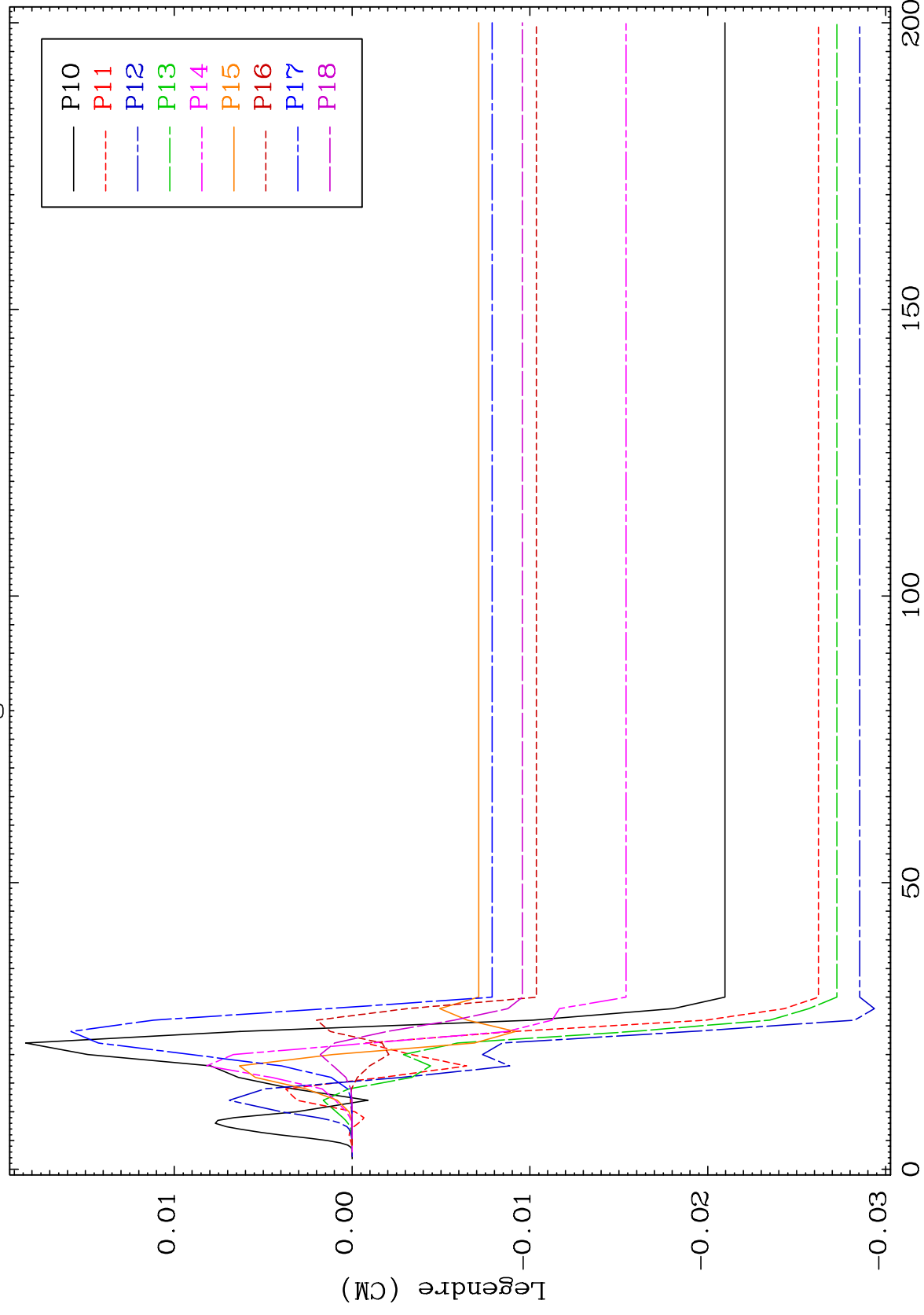
72-Hf-174



MAT 7225

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

72-Hf-174



92

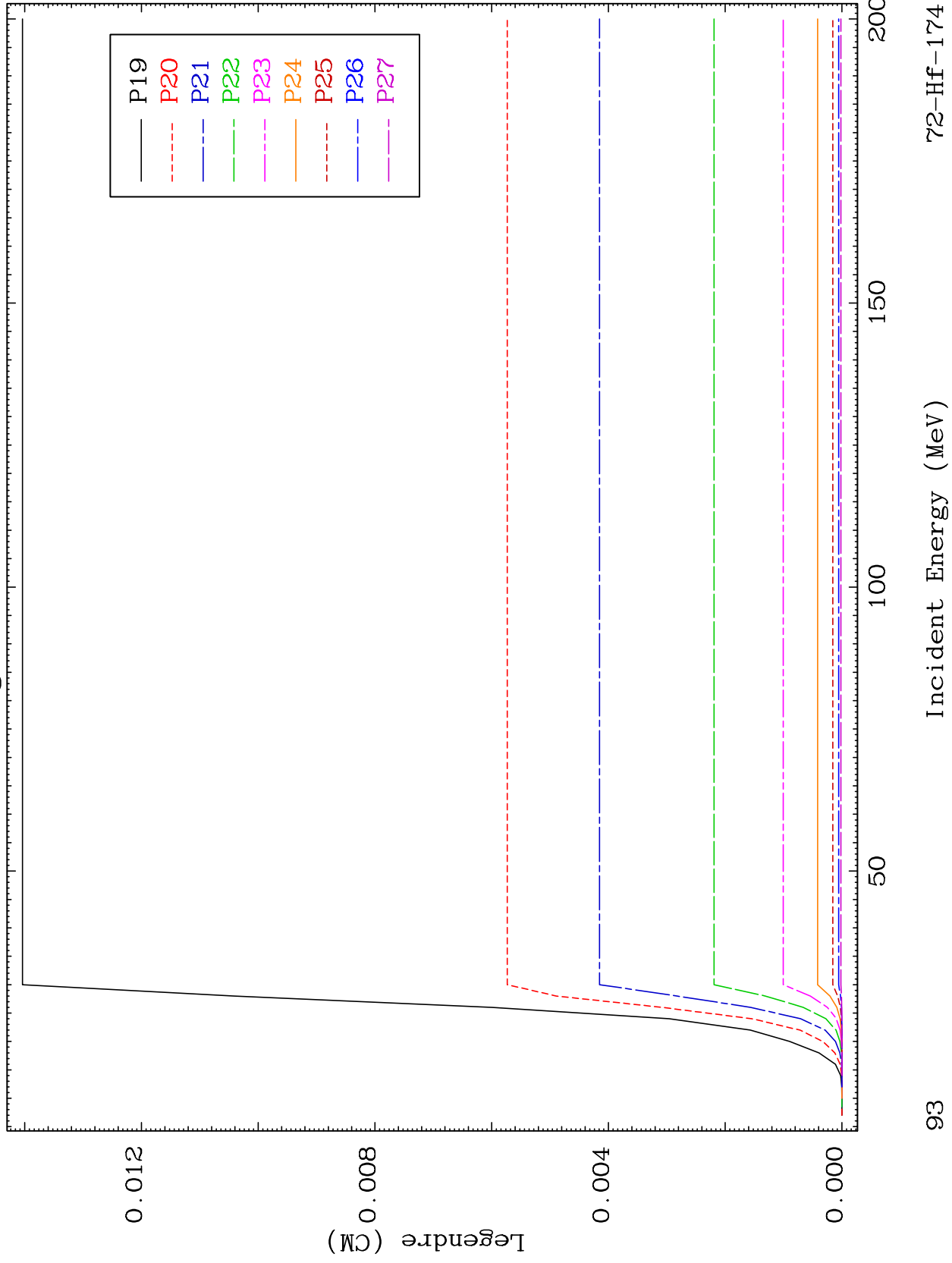
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



93

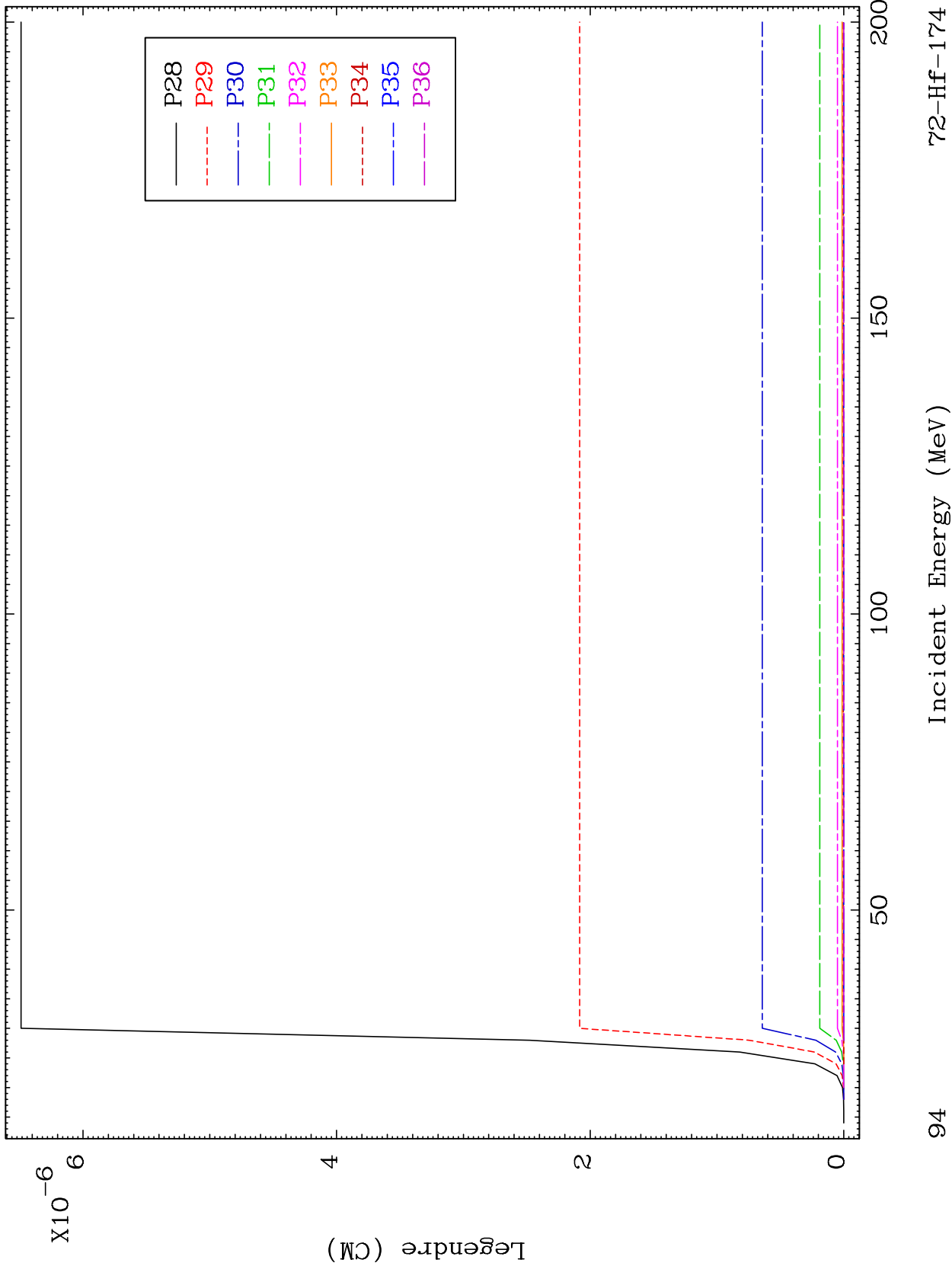
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

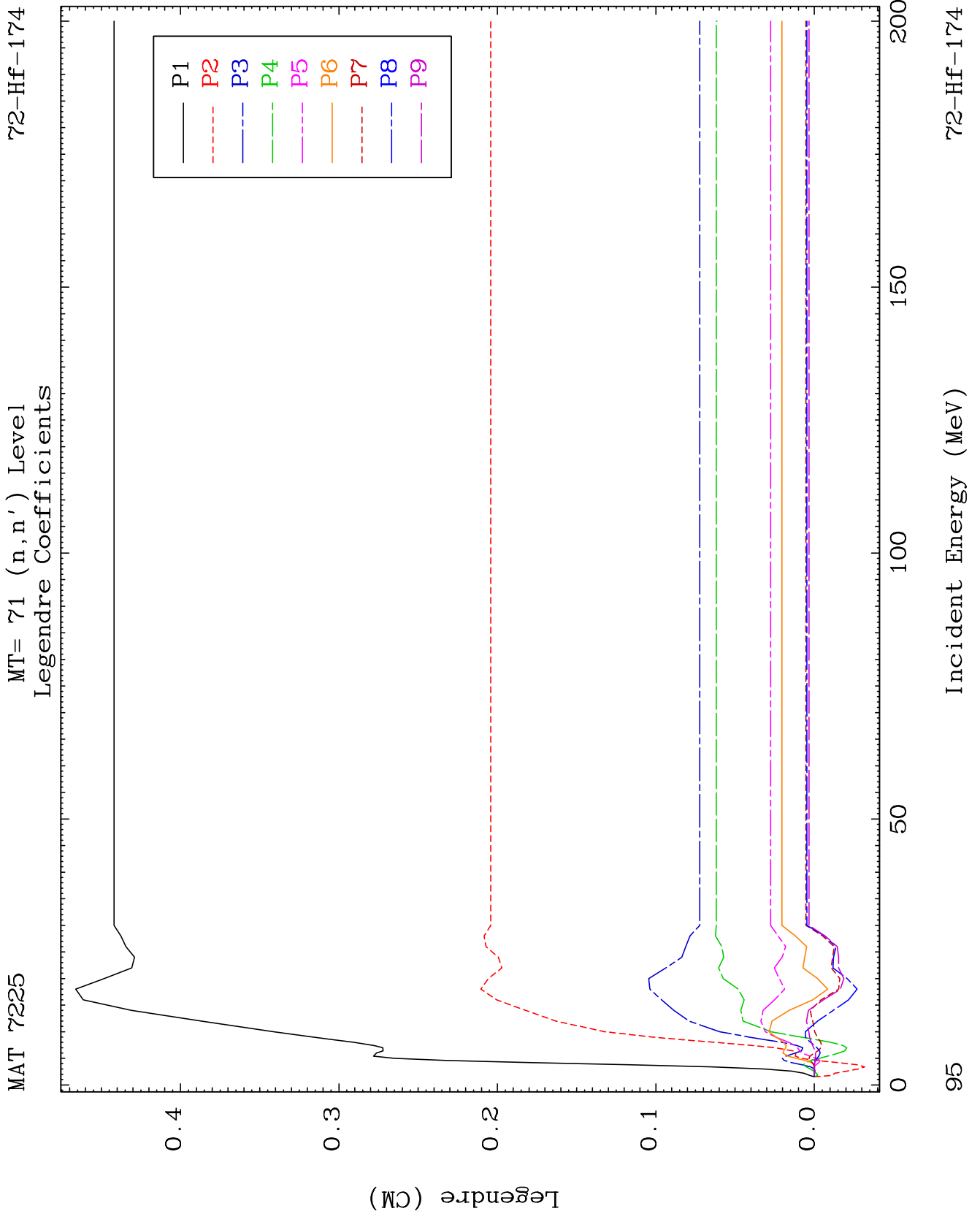
72-Hf-174



94

Incident Energy (MeV)

72-Hf-174

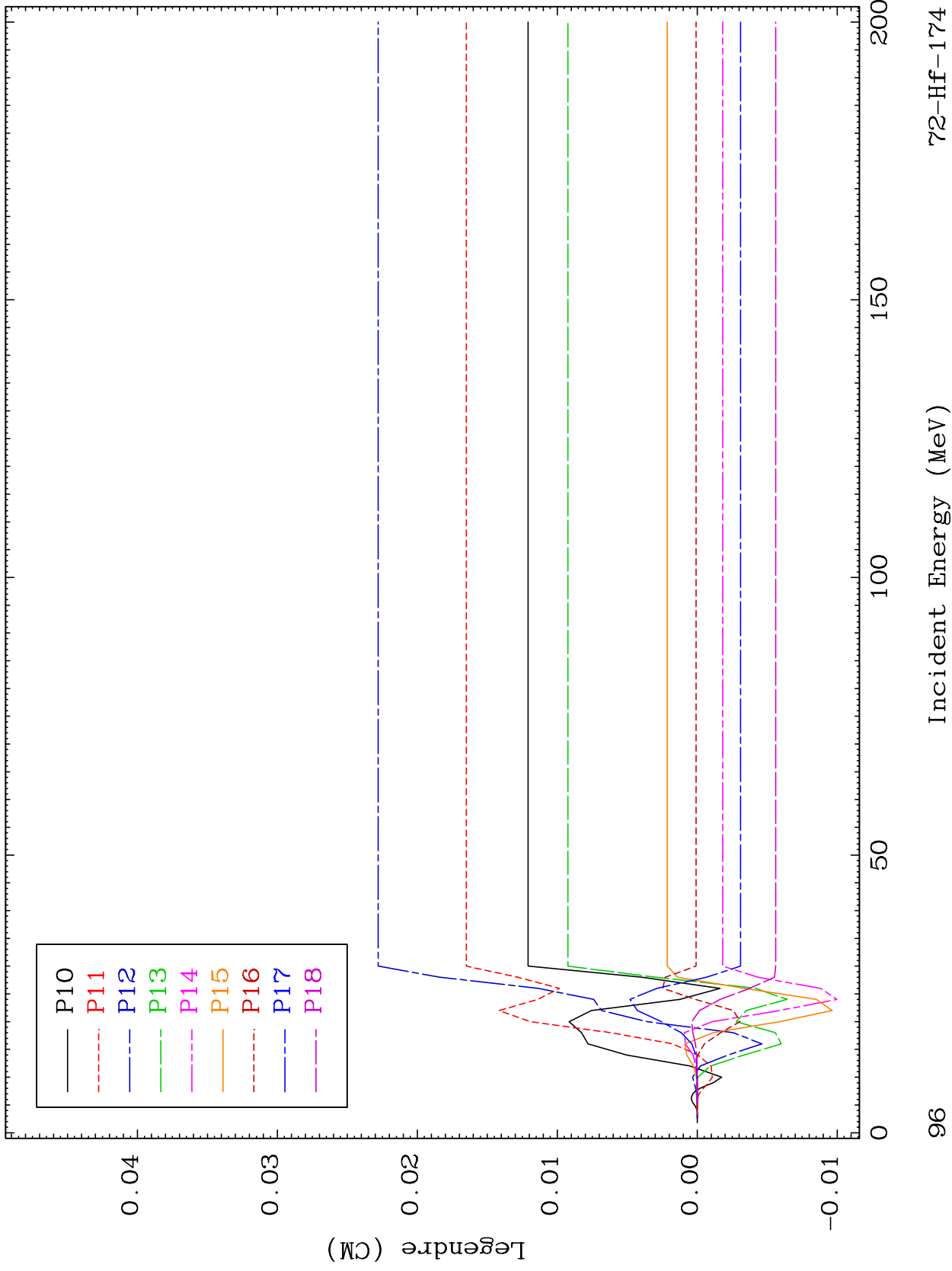




MAT 7225

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

72-Hf-174



96

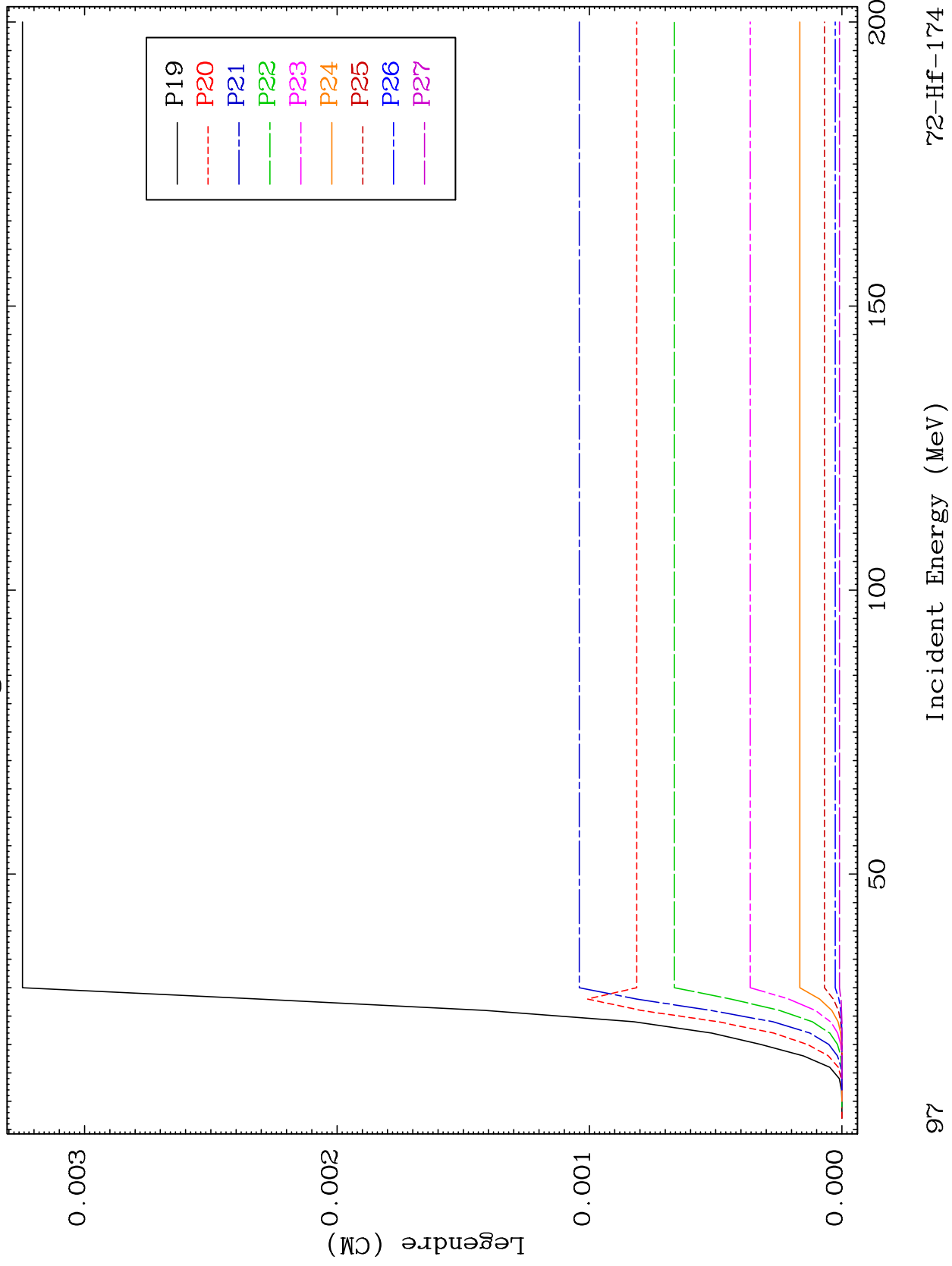
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

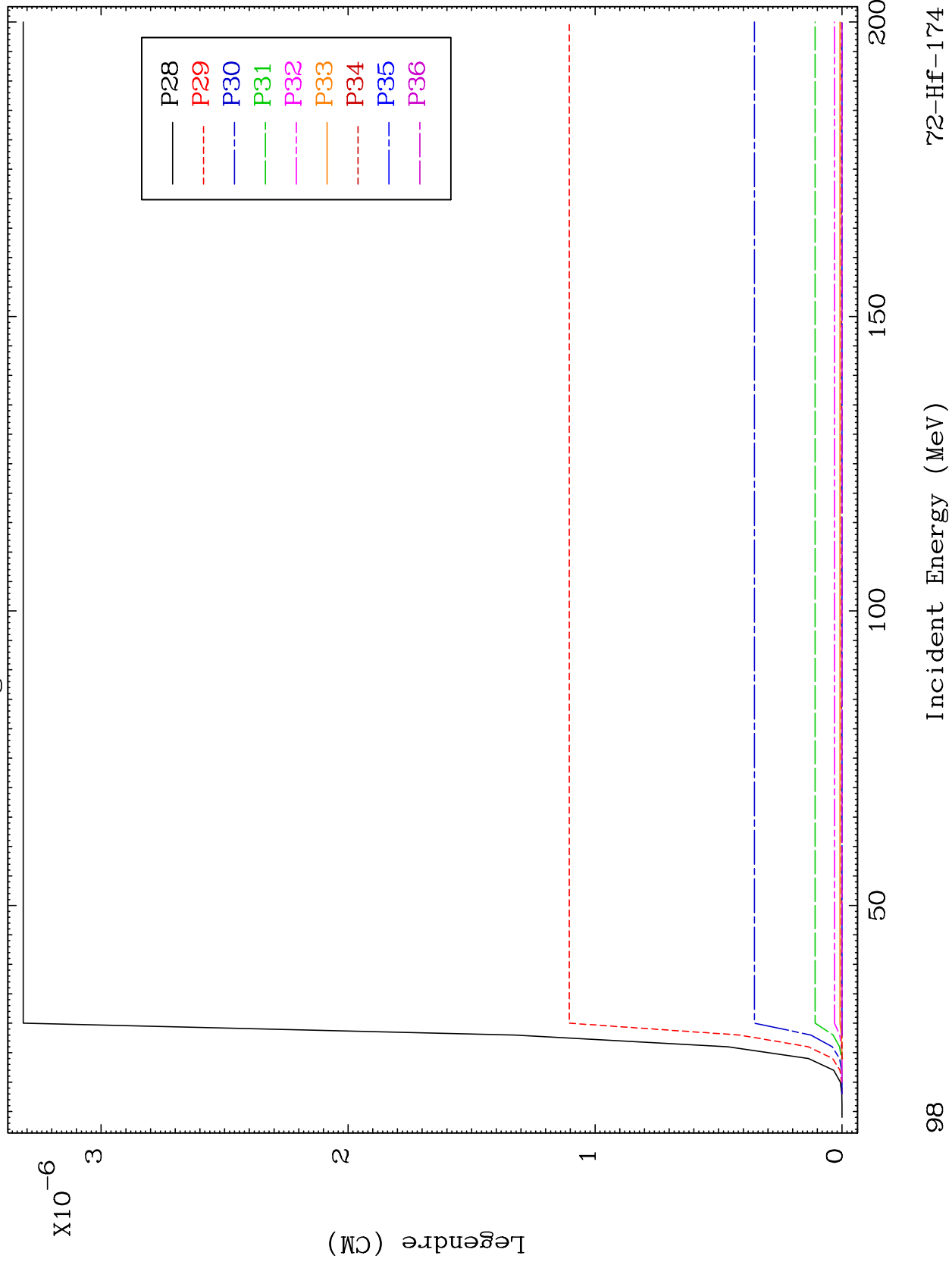
72-Hf-174

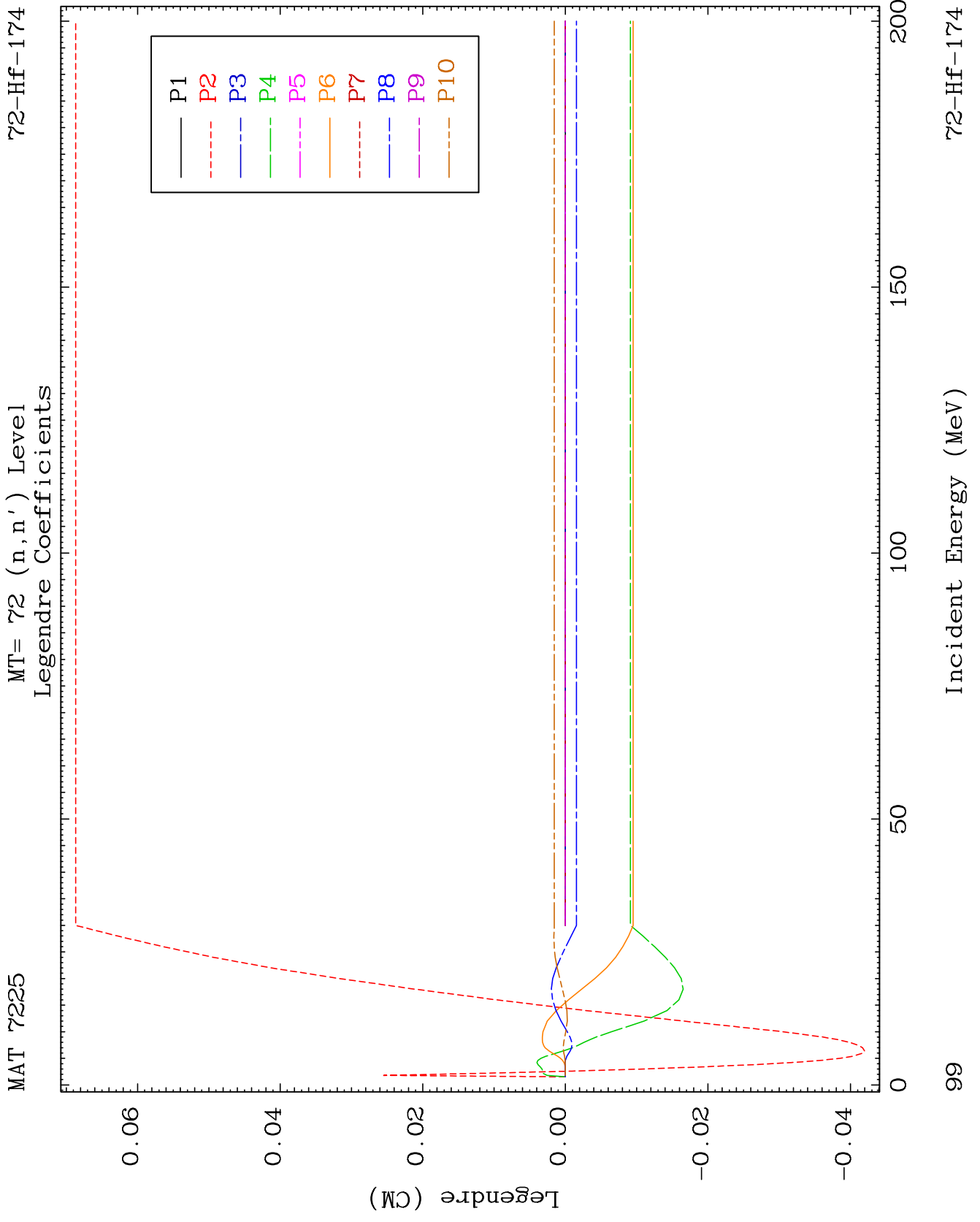


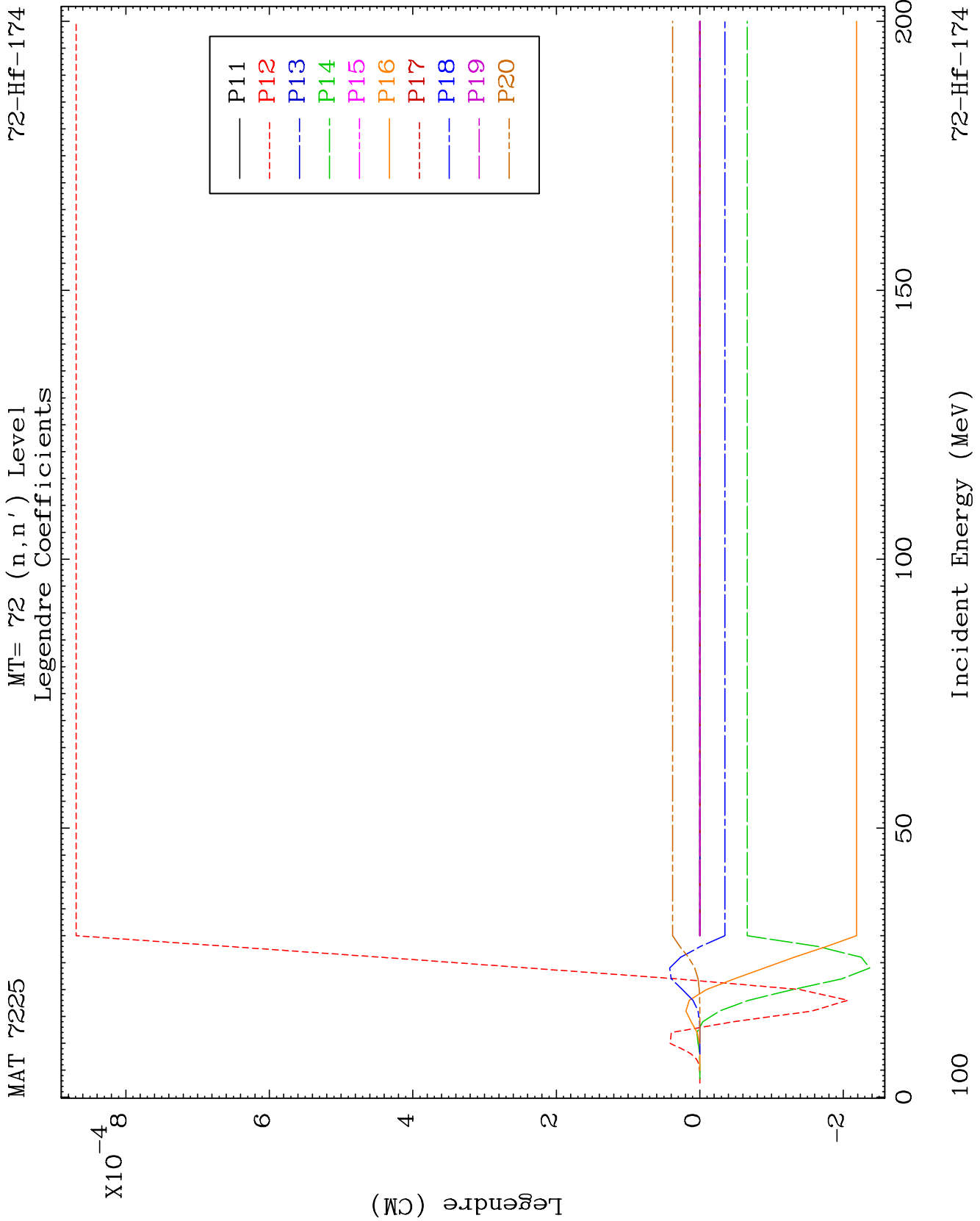
MAT 7225

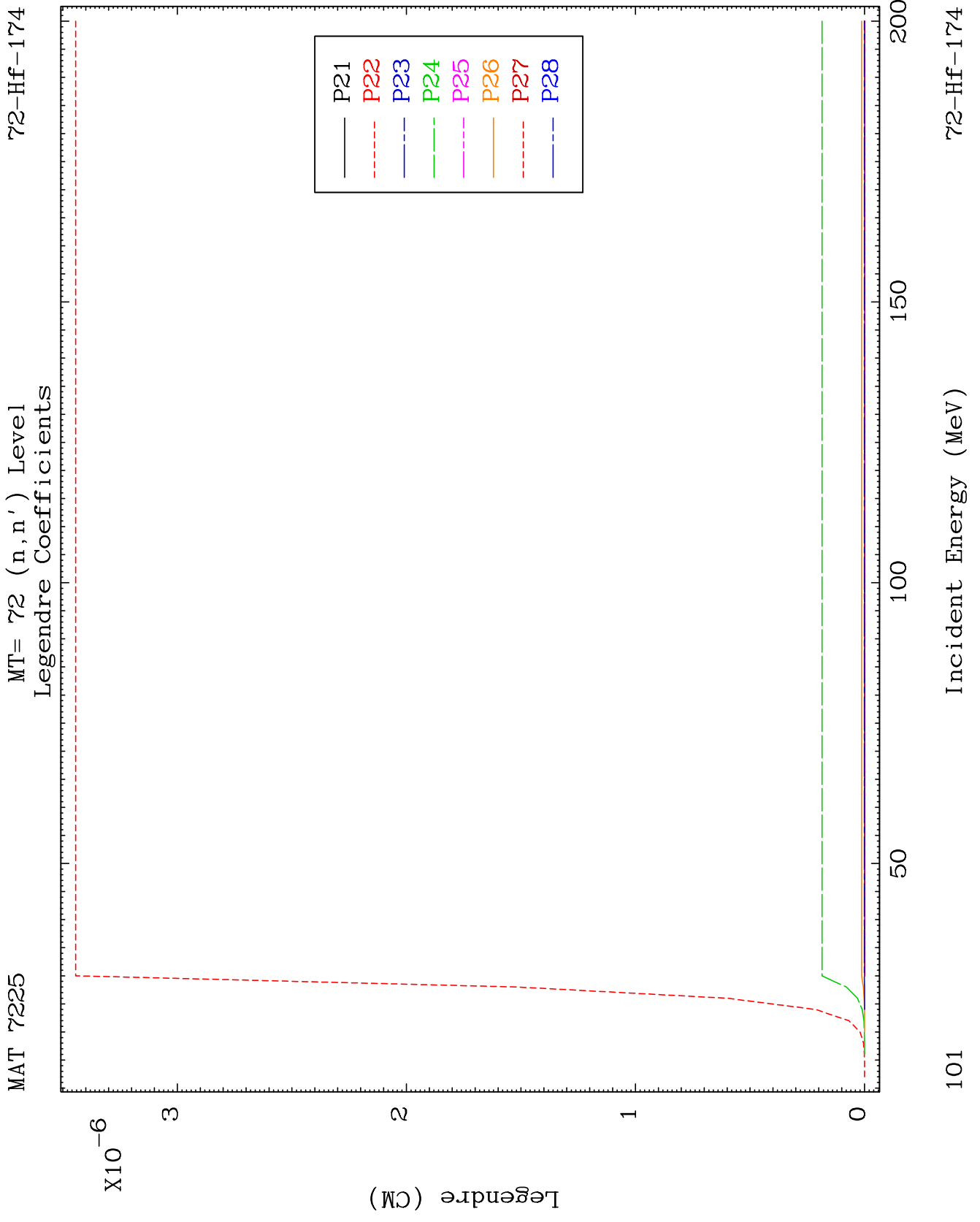
MT= 71 (n,n') Level  
Legendre Coefficients

72-Hf-174





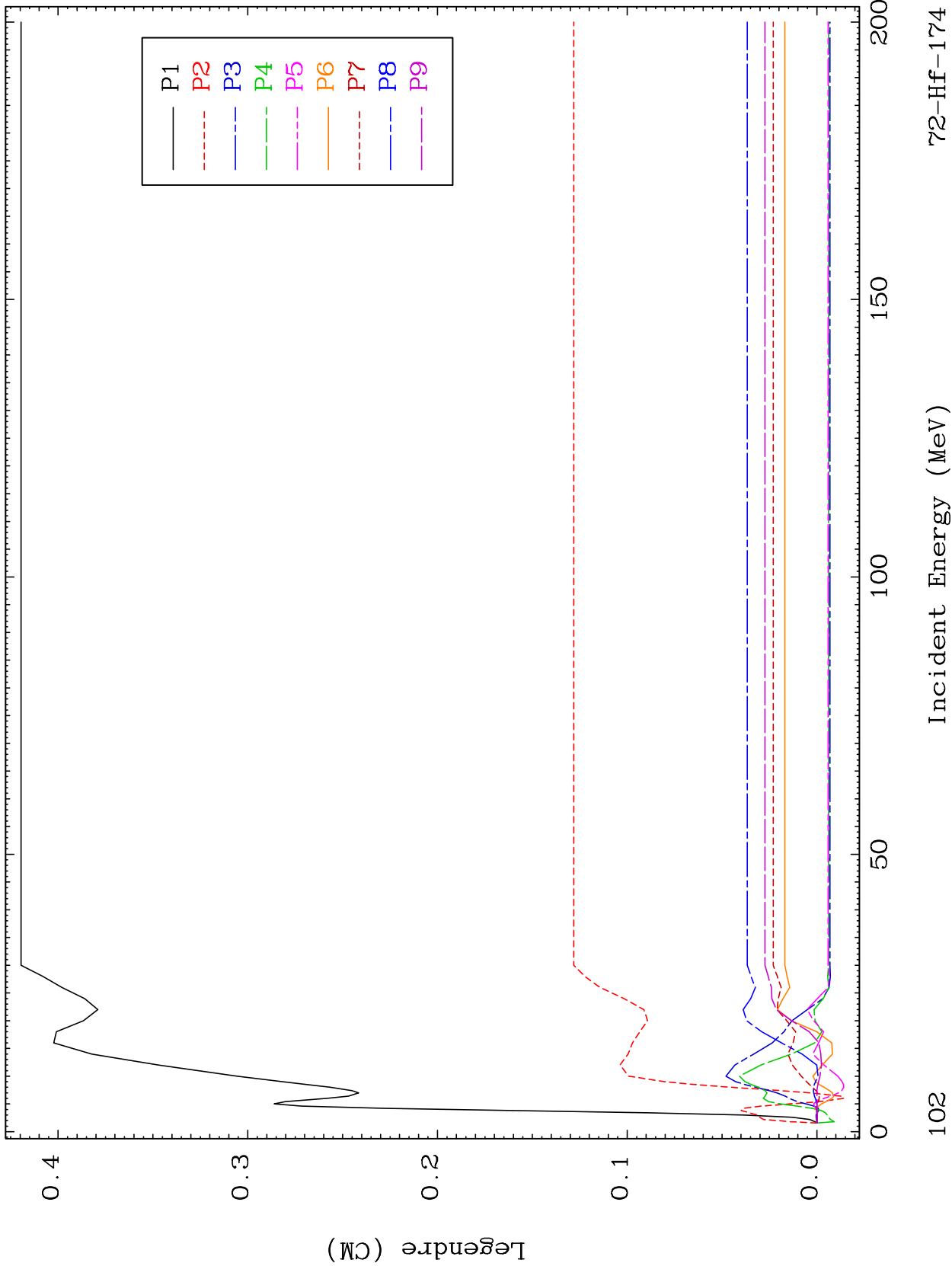




MAT 7225

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

72-Hf-174



72-Hf-174

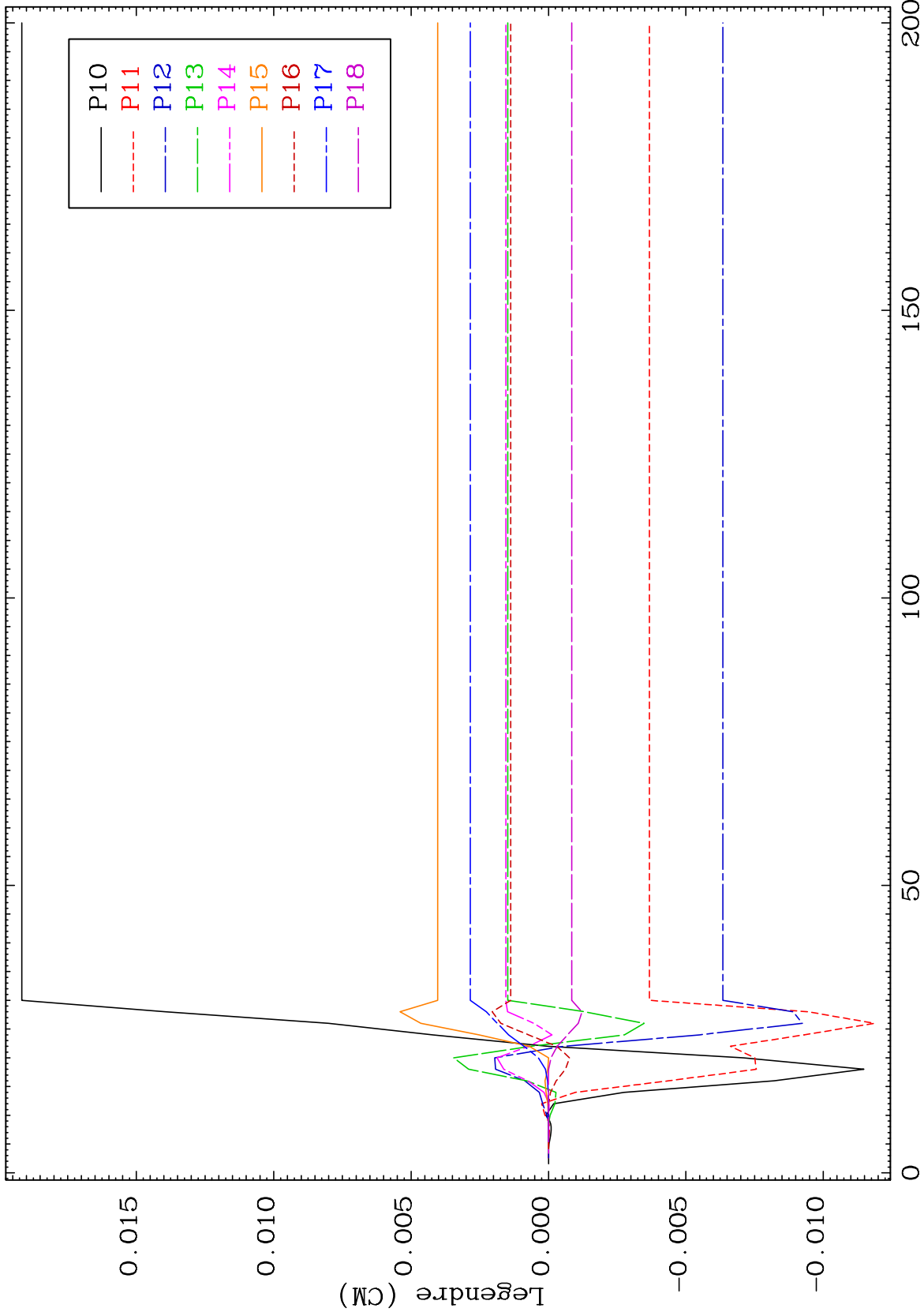
Incident Energy (MeV)

102

MAT 7225

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

72-Hf-174



103

Incident Energy (MeV)

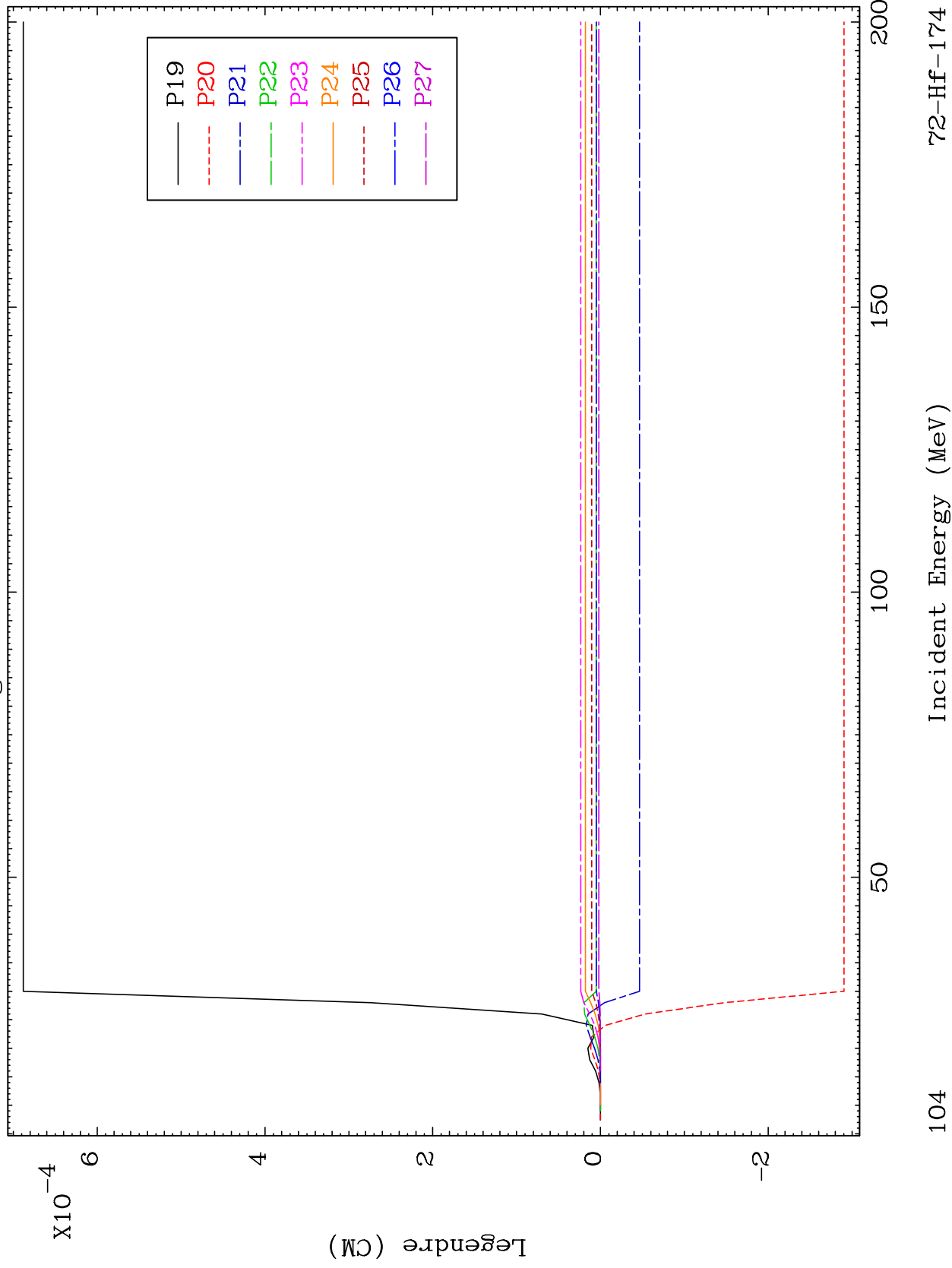
72-Hf-174



MAT 7225

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

72-Hf-174



104

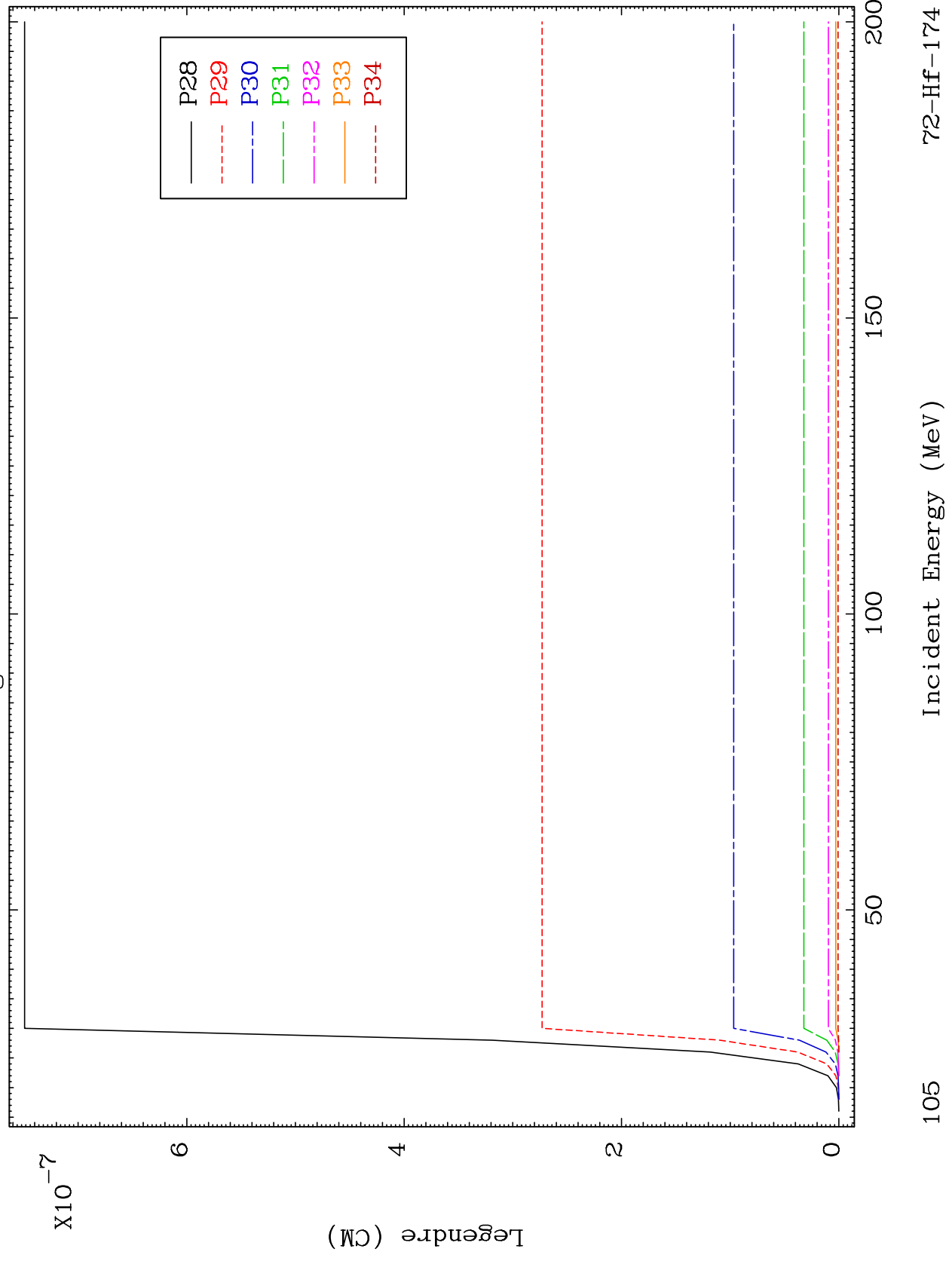
Incident Energy (MeV)

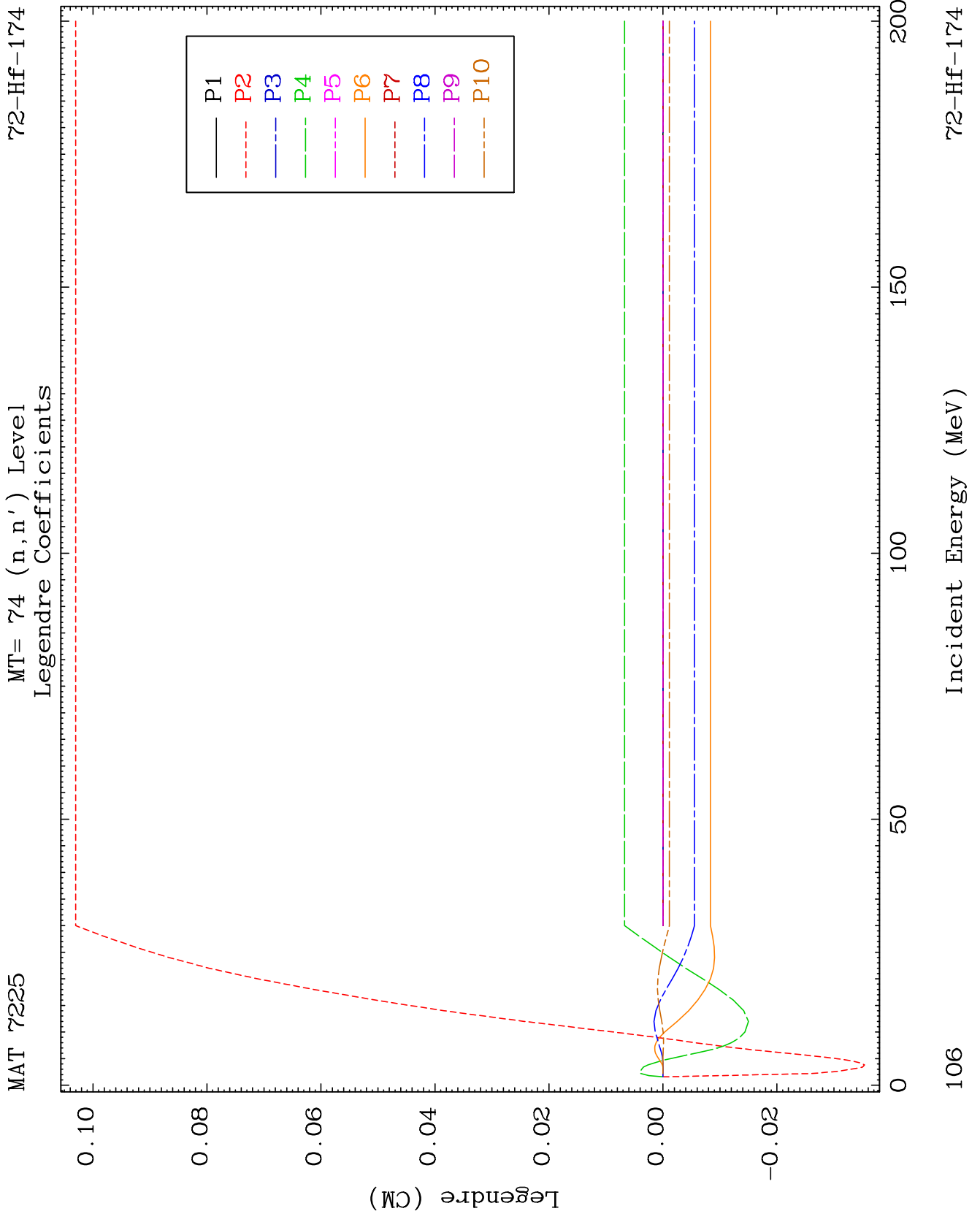
72-Hf-174

MAT 7225

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

72-Hf-174

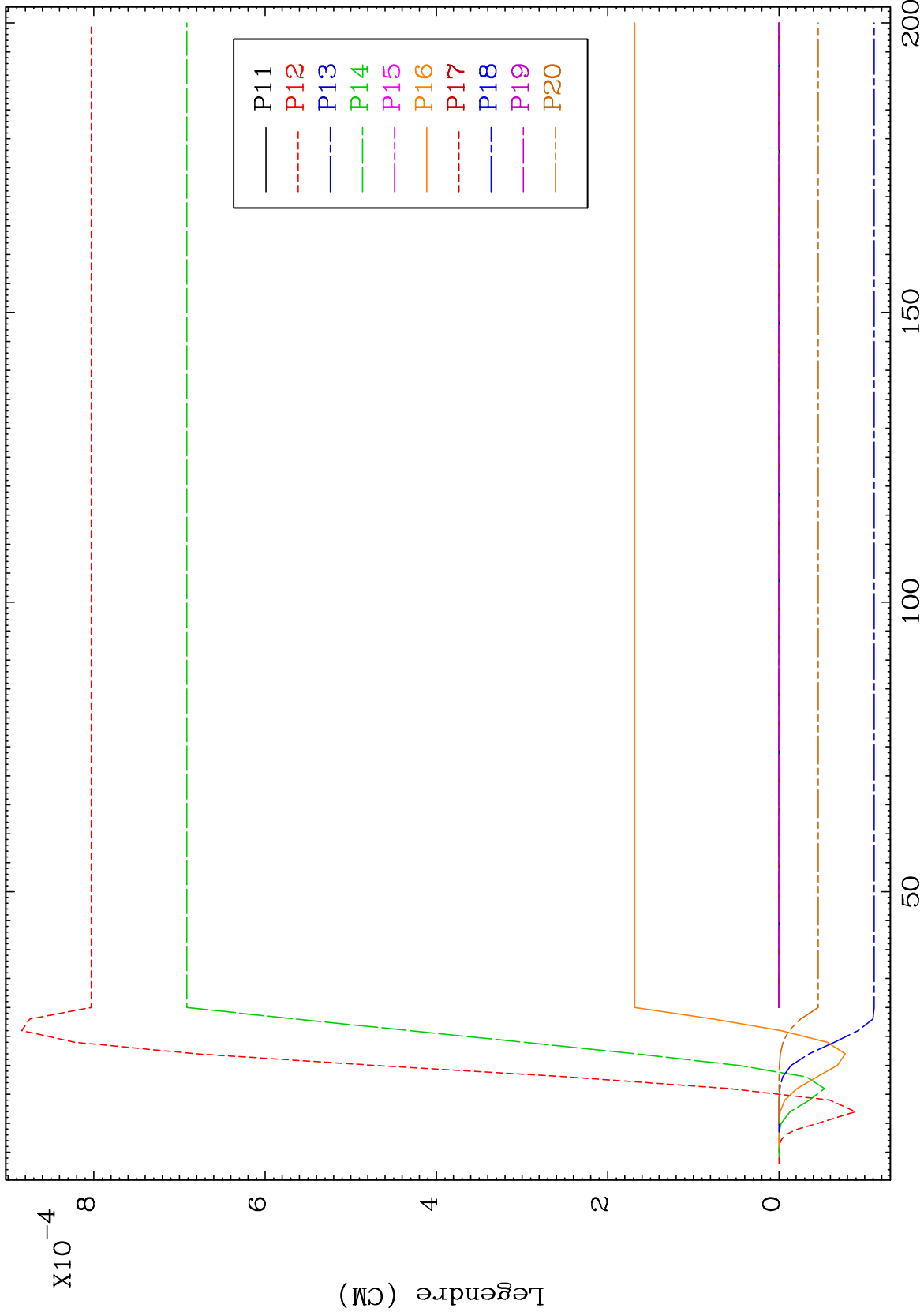




MAT 7225

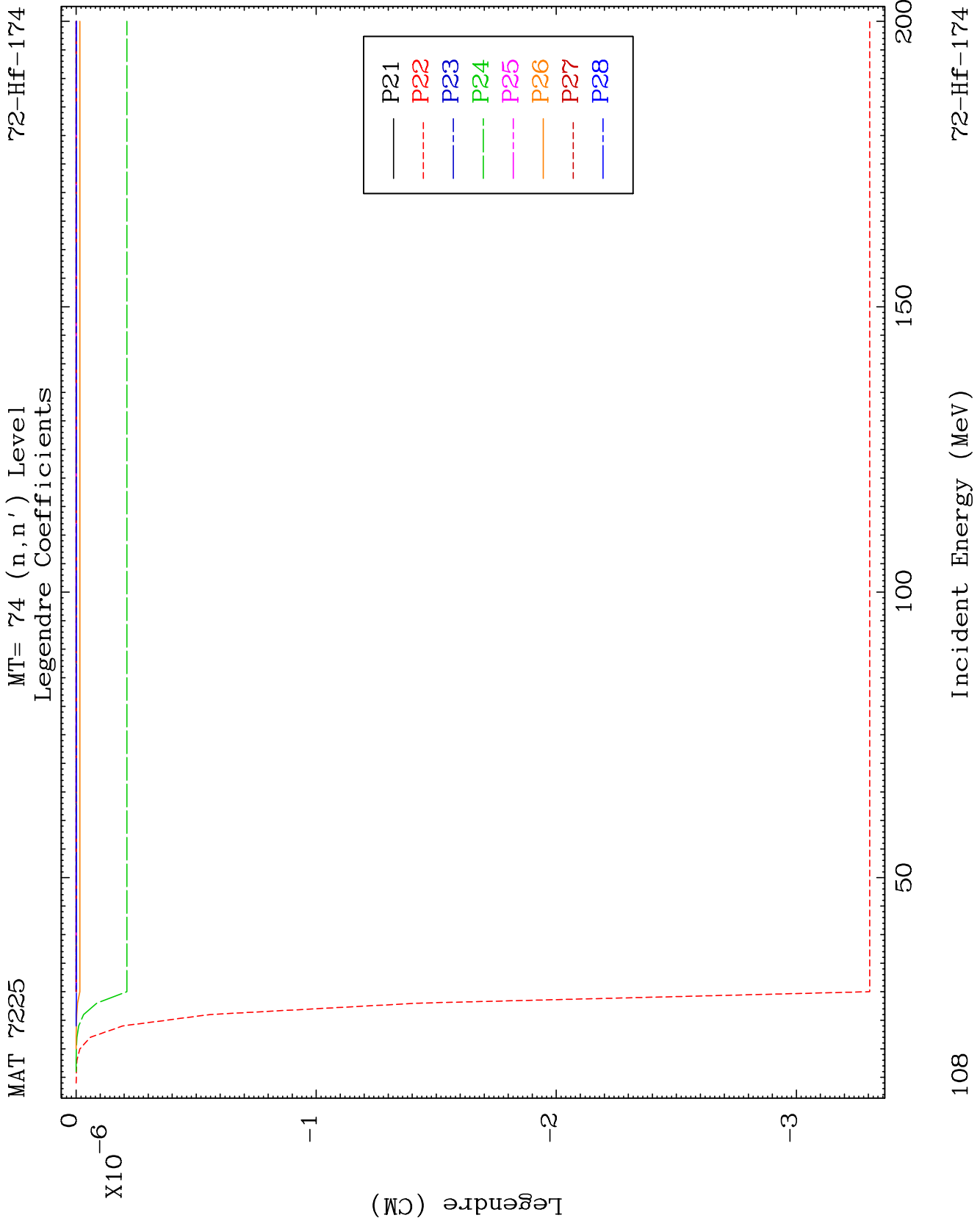
MT= 74 (n,n') Level  
Legendre Coefficients

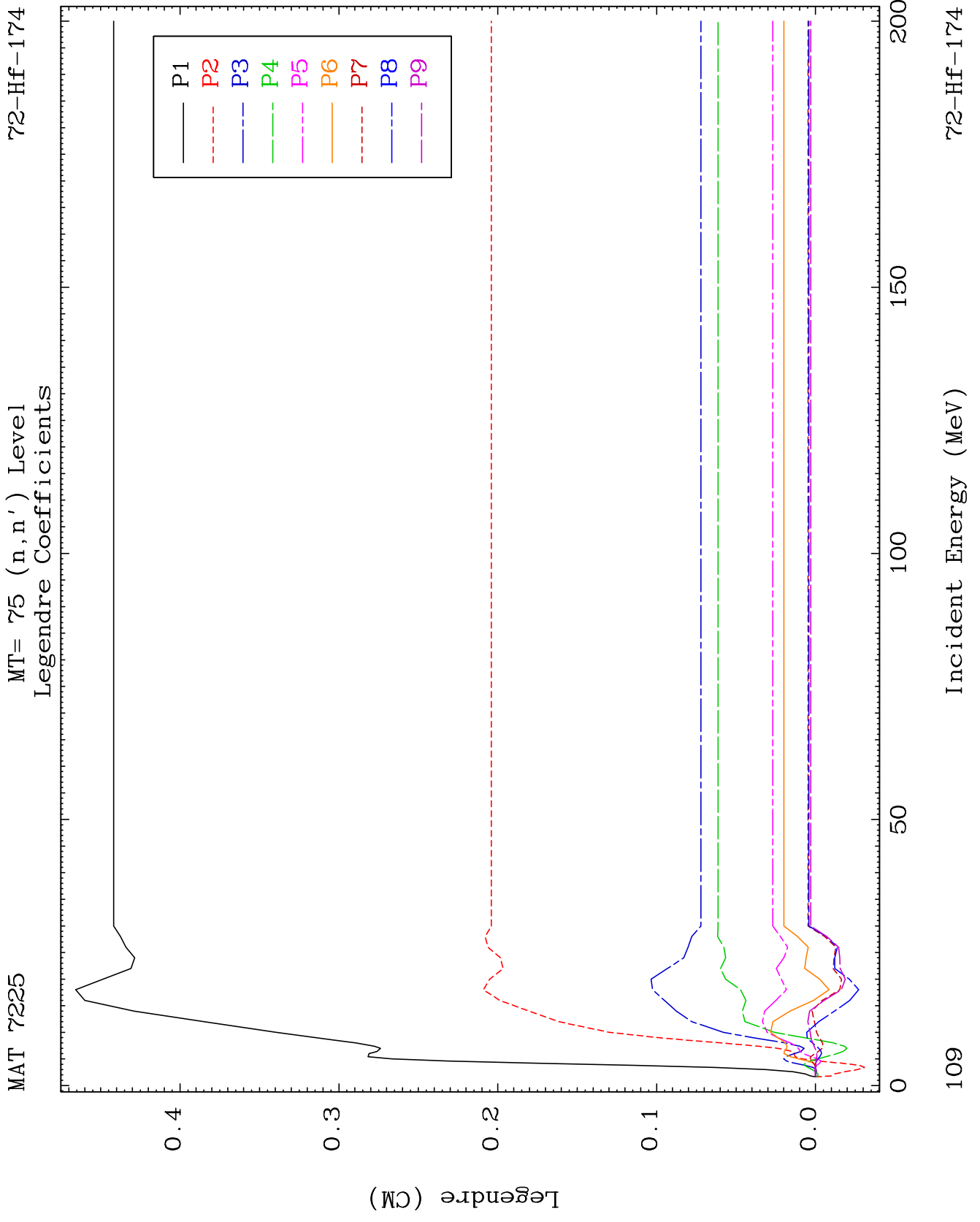
72-Hf-174



107

72-Hf-174

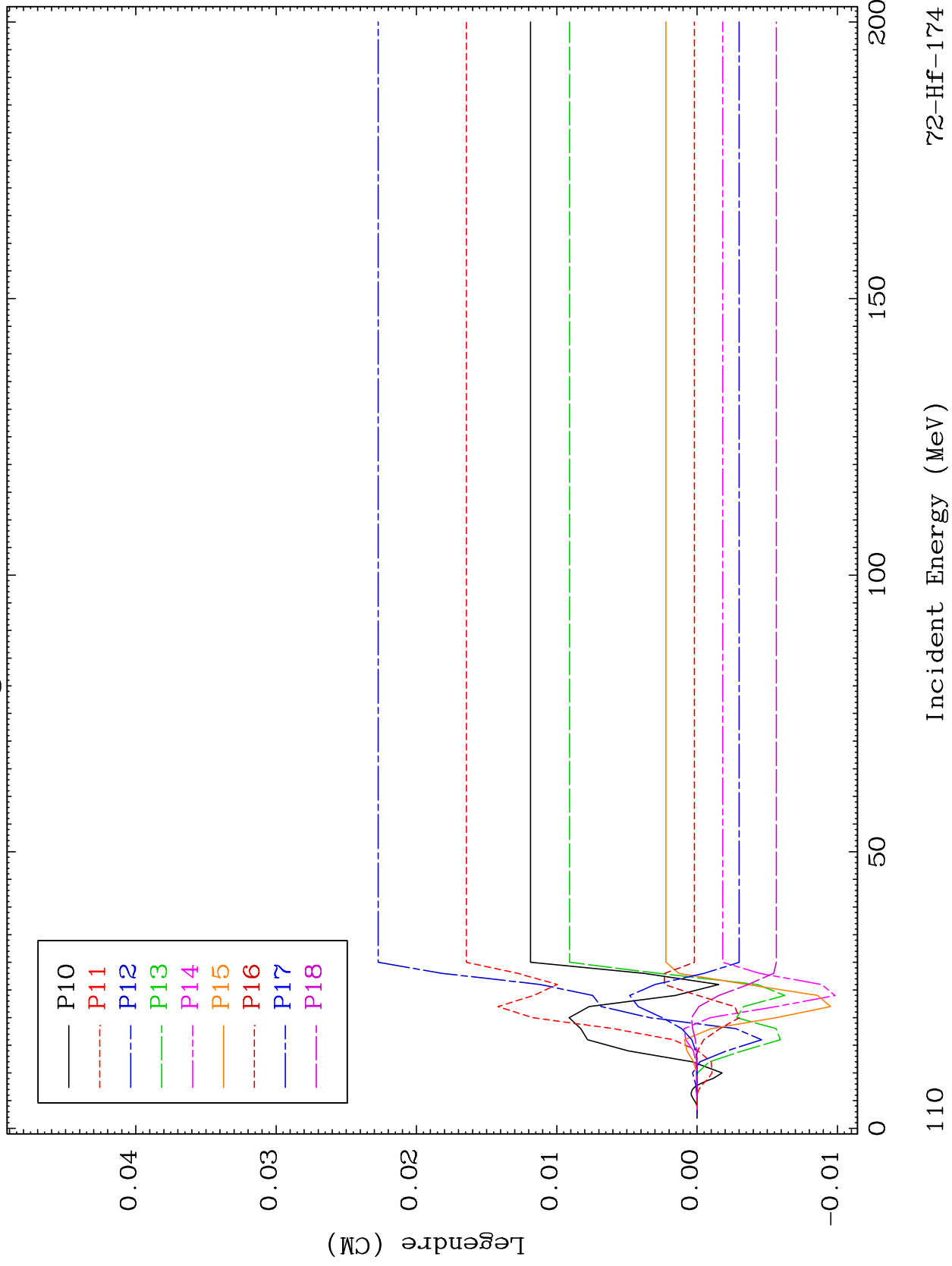




MAT 7225

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

72-Hf-174



72-Hf-174

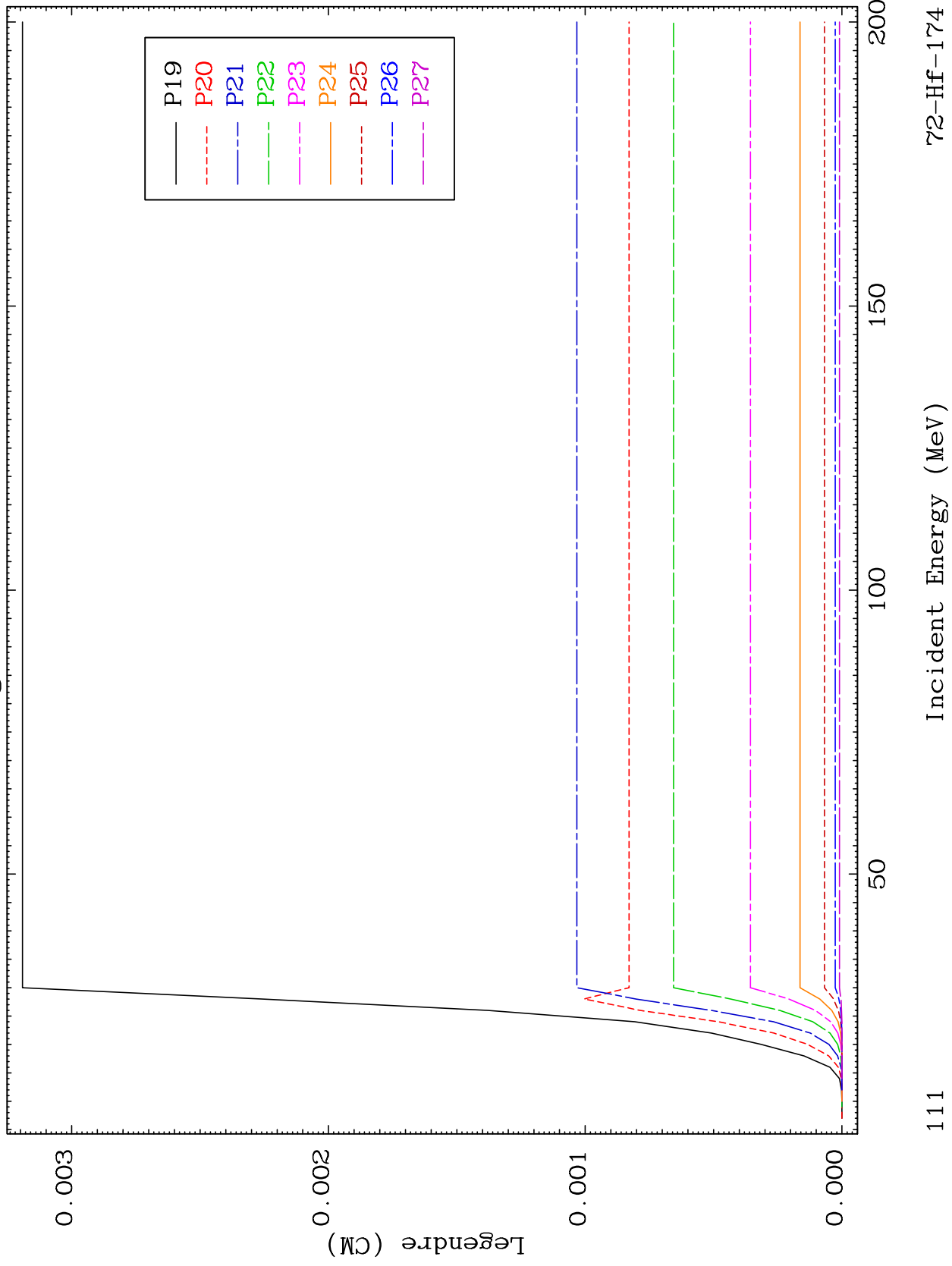
Incident Energy (MeV)

110

MAT 7225

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

72-Hf-174



111

Incident Energy (MeV)

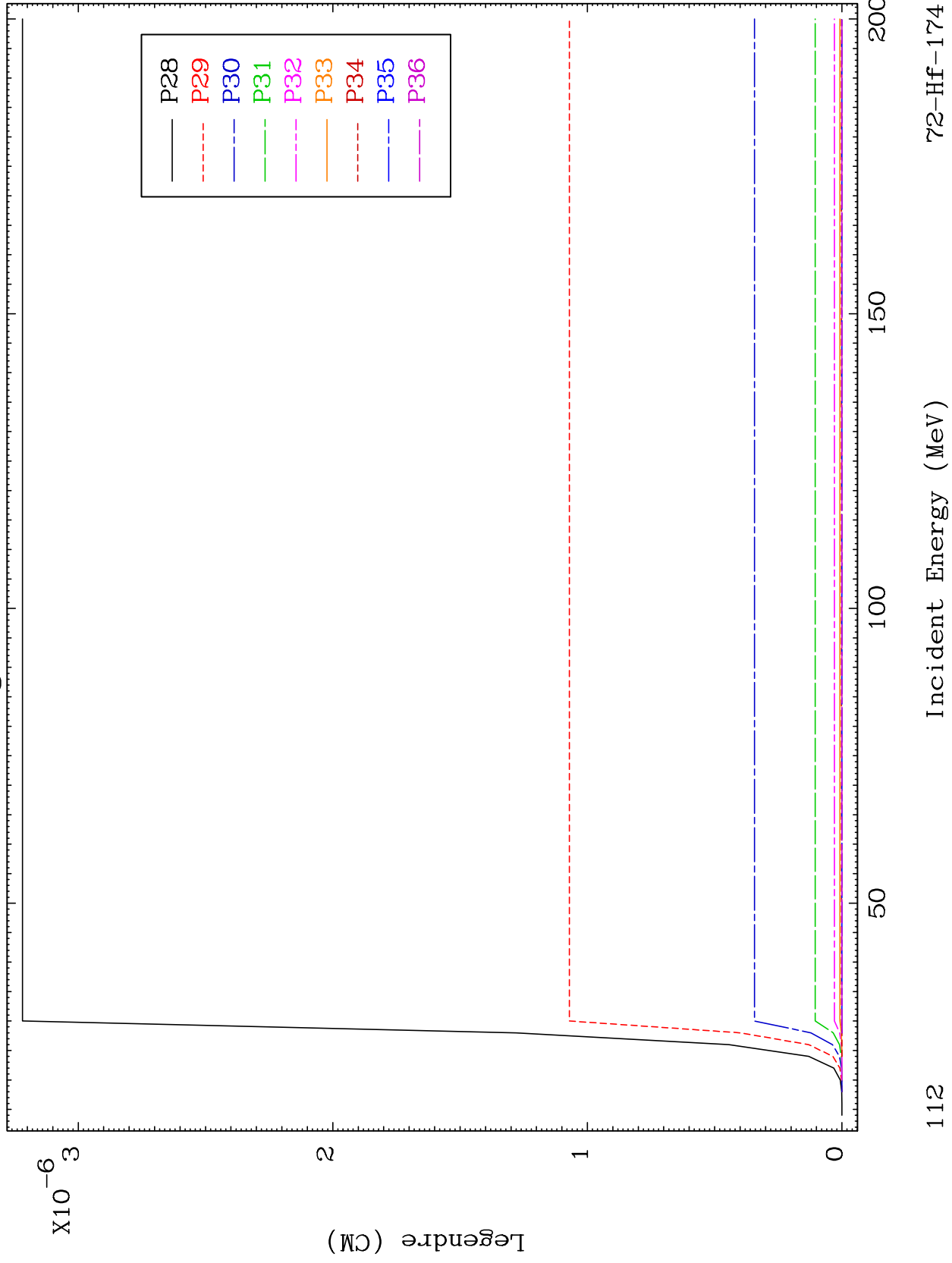
72-Hf-174



MAT 7225

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

72-Hf-174



112

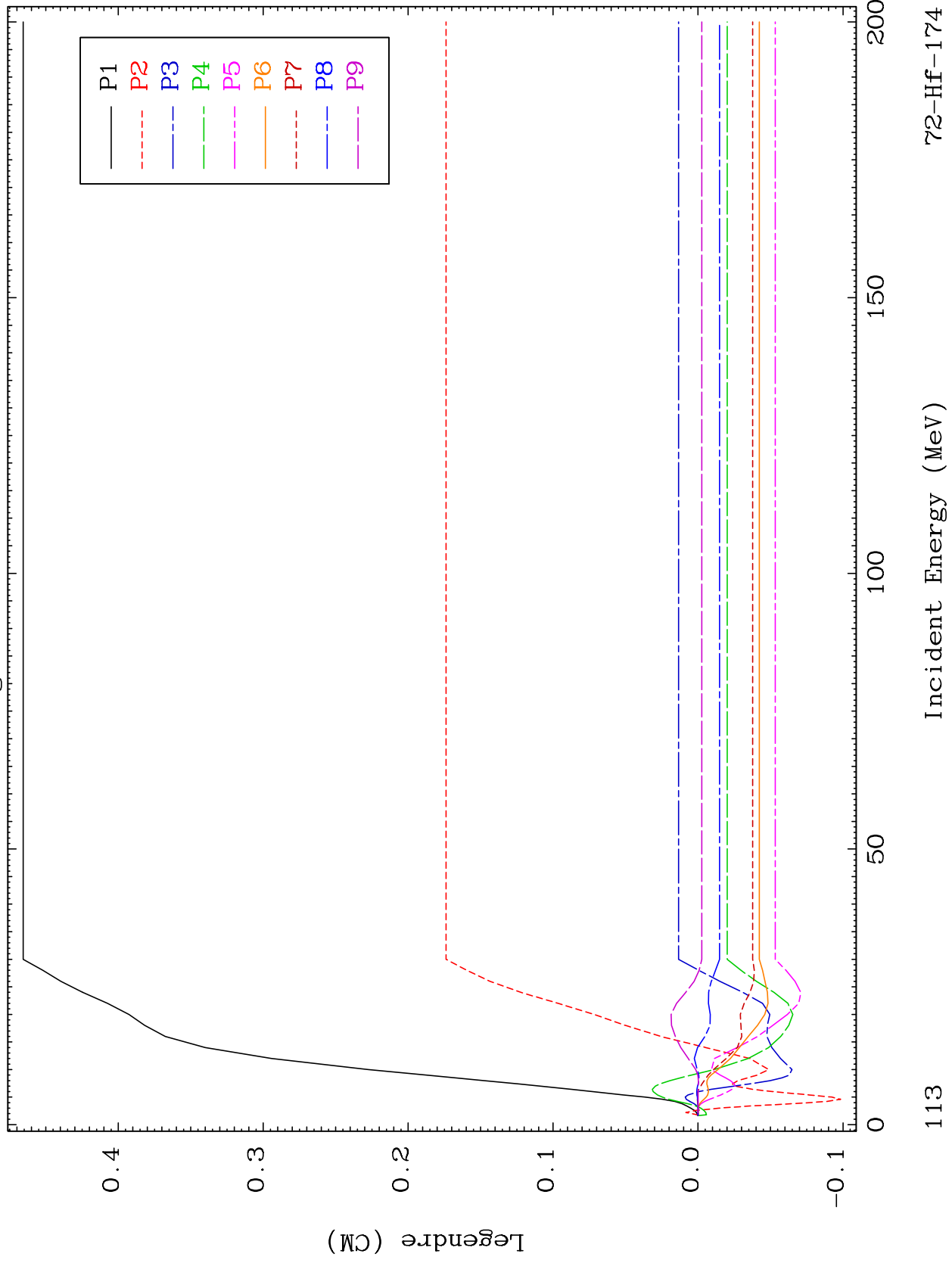
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



72-Hf-174

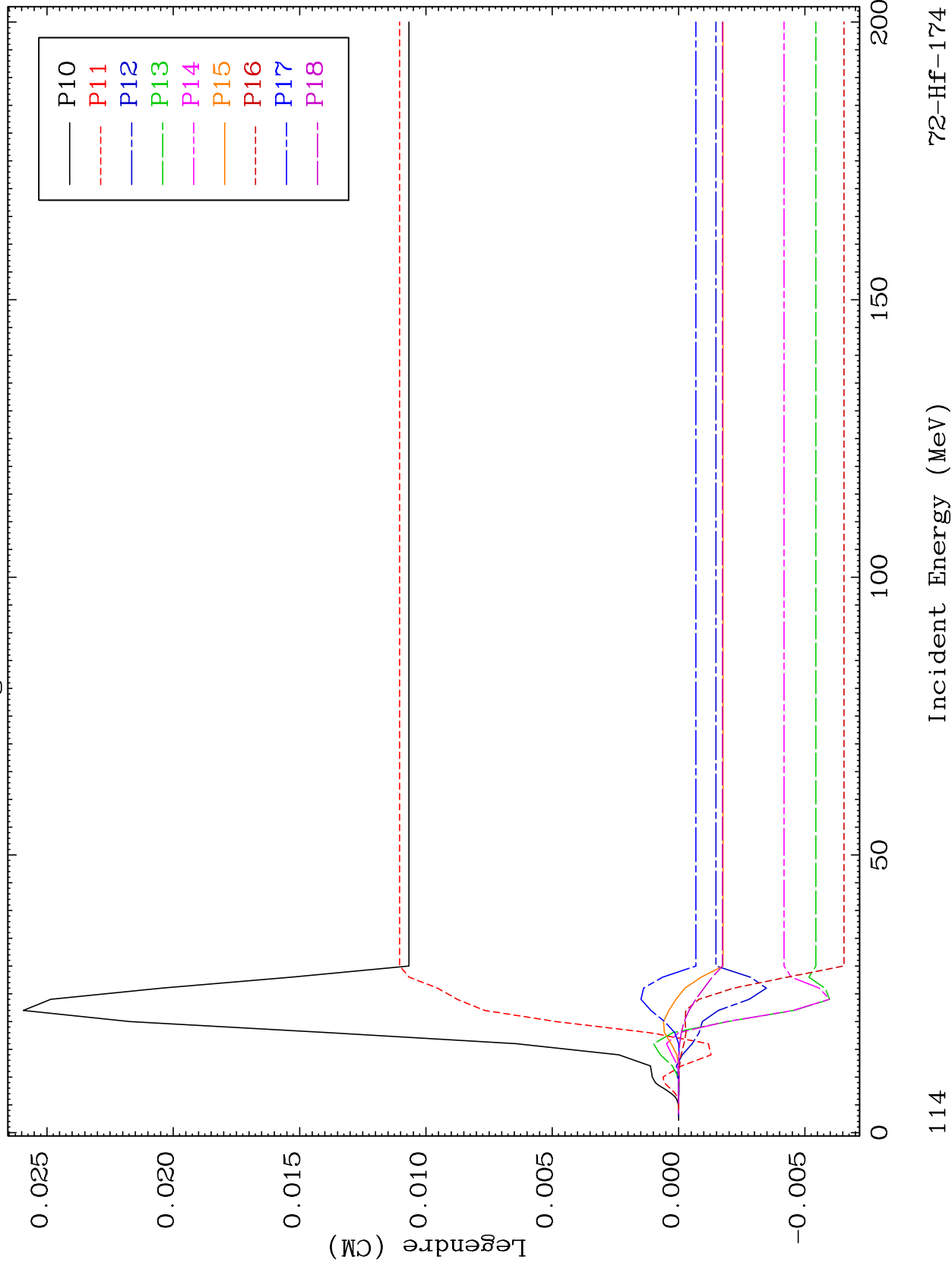
Incident Energy (MeV)

113

MAT 7225

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

72-Hf-174



114

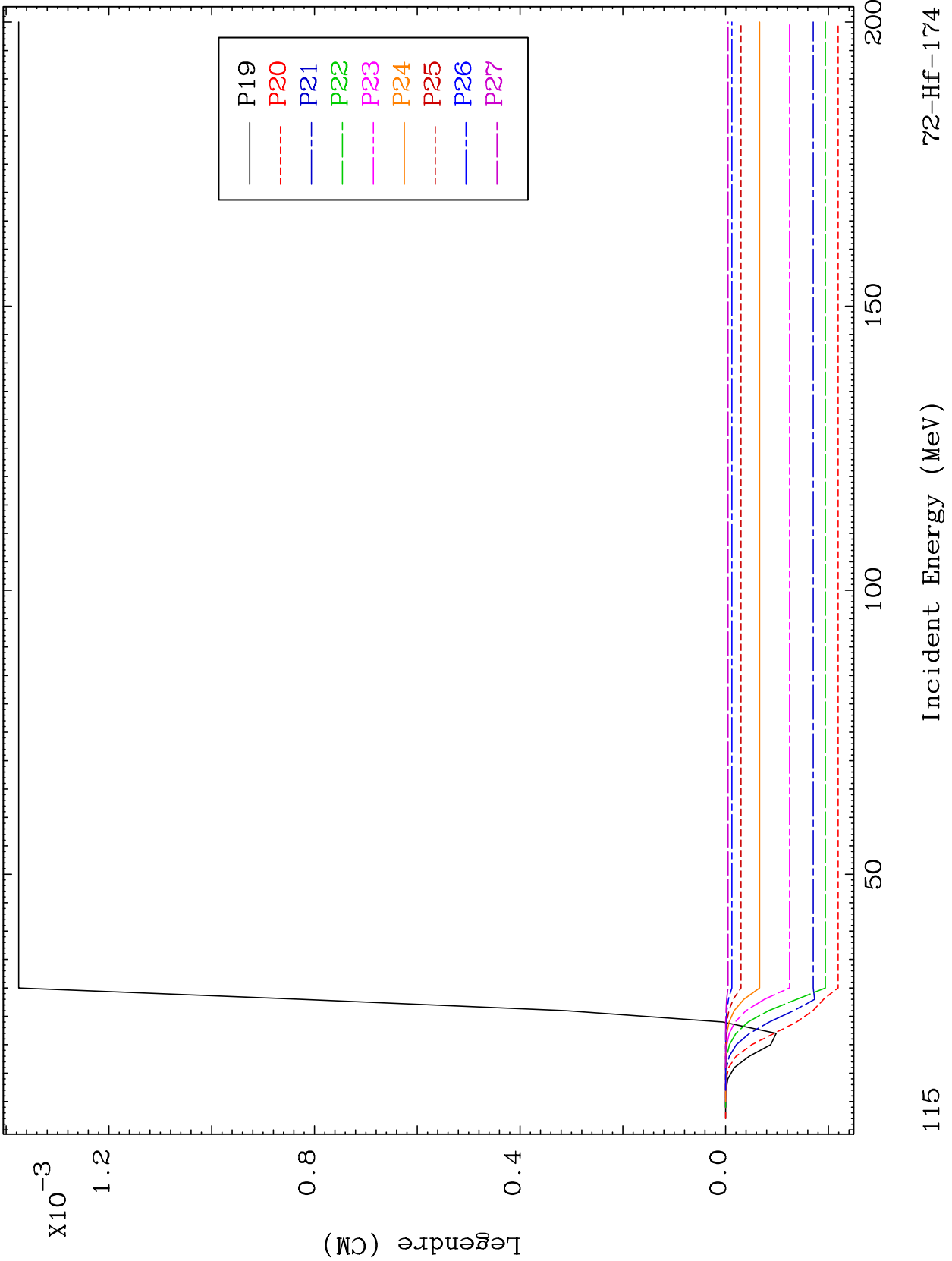
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

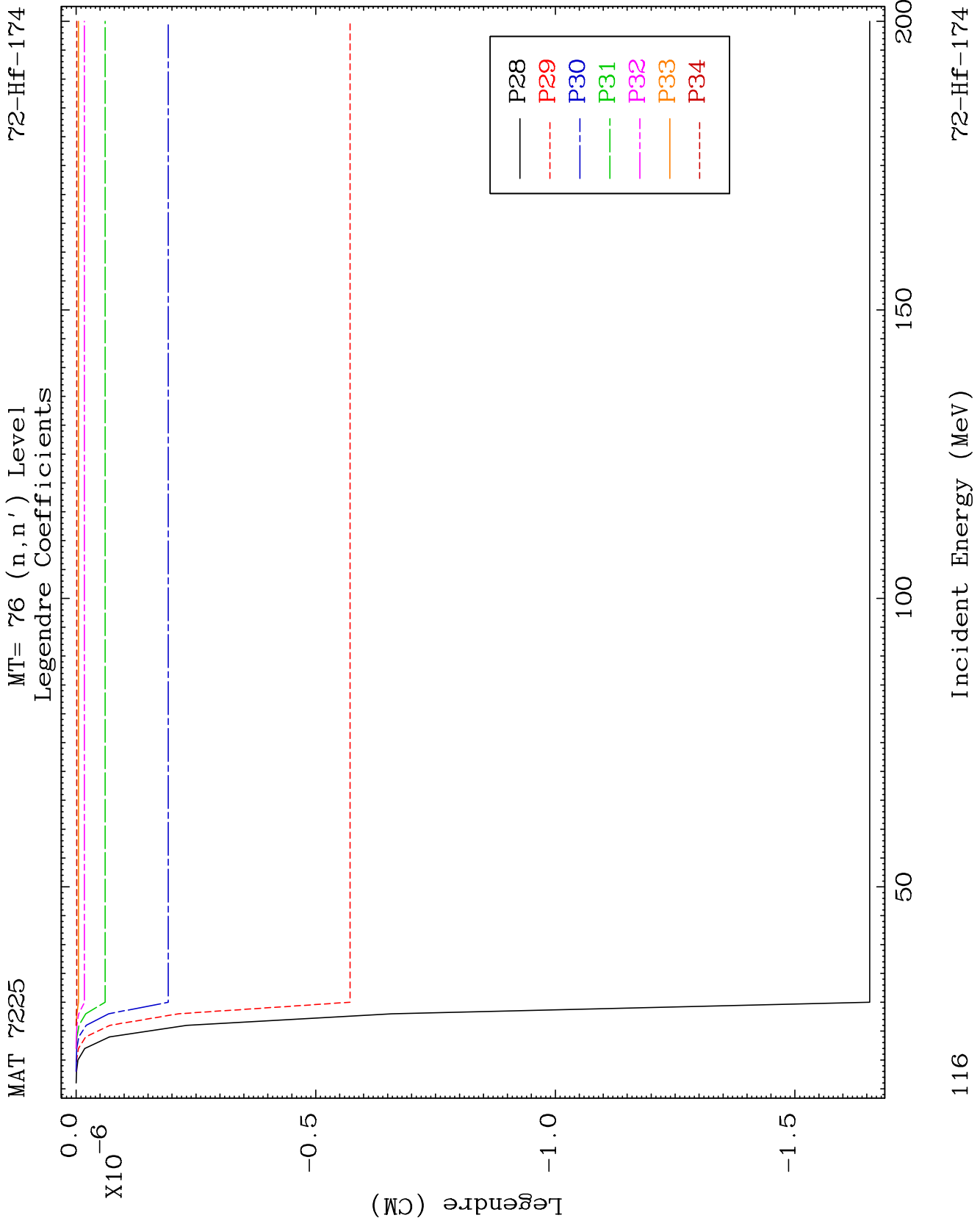
72-Hf-174



115

Incident Energy (MeV)

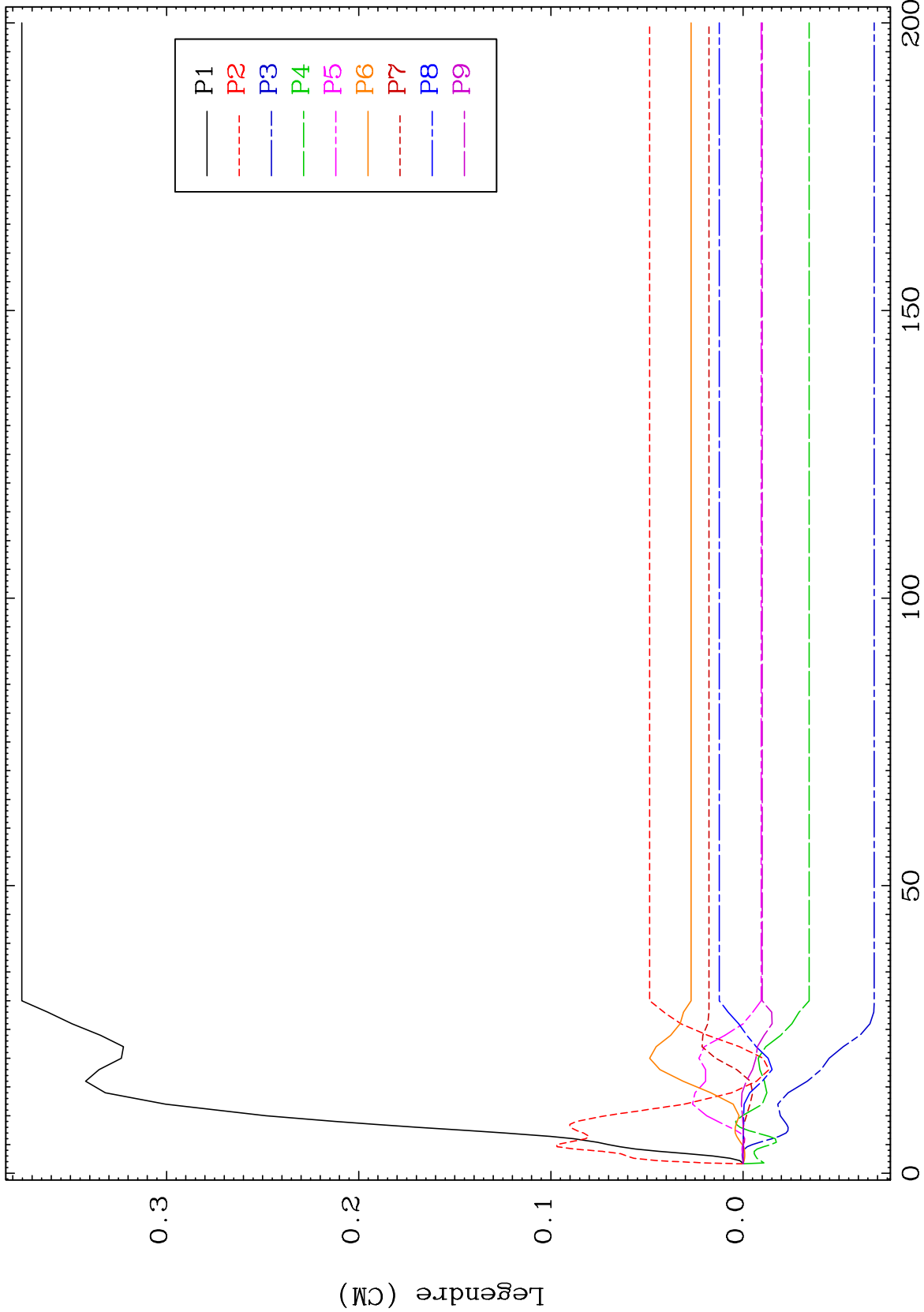
72-Hf-174



MAT 7225

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

72-Hf-174



117

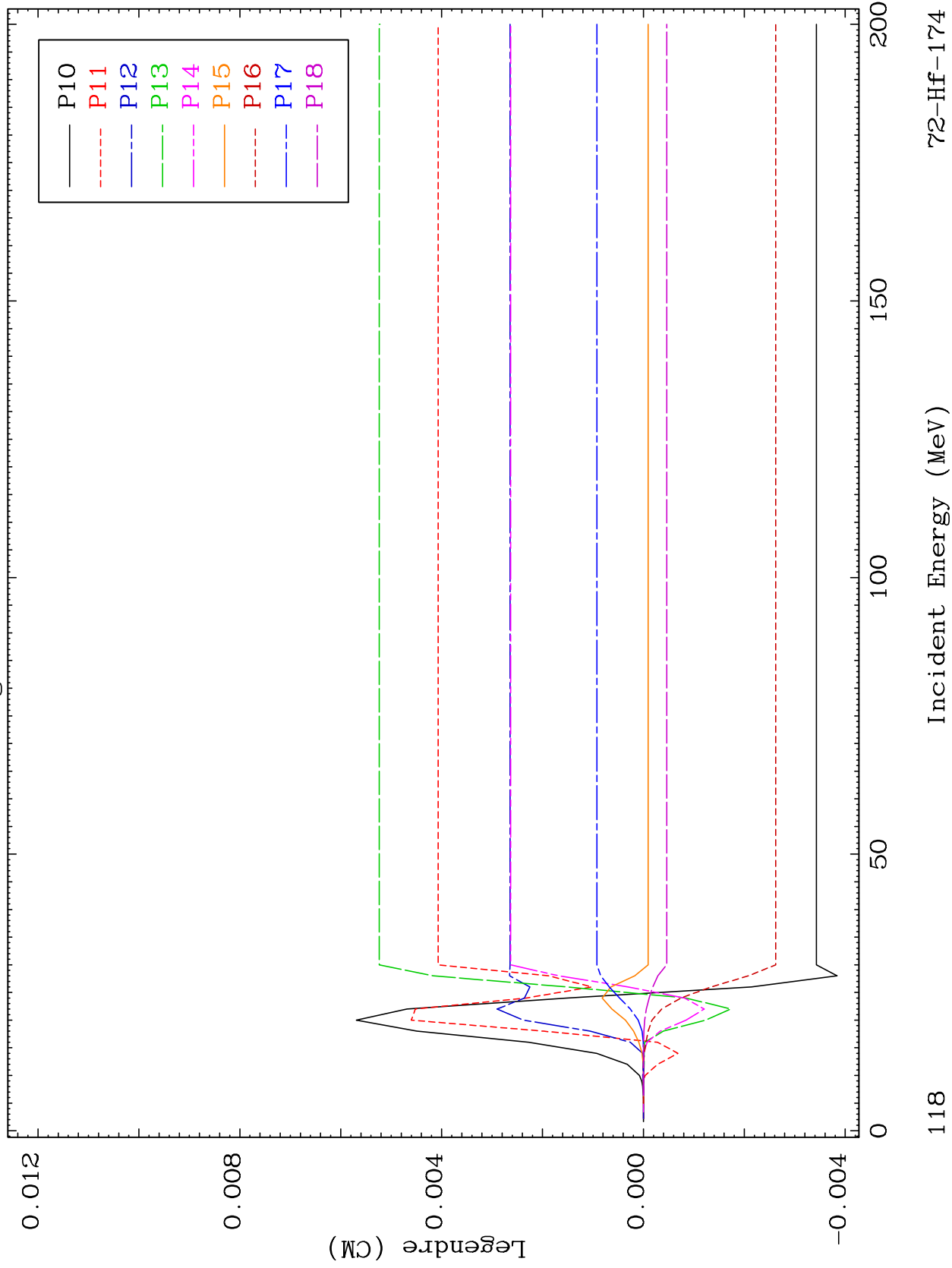
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174



72-Hf-174

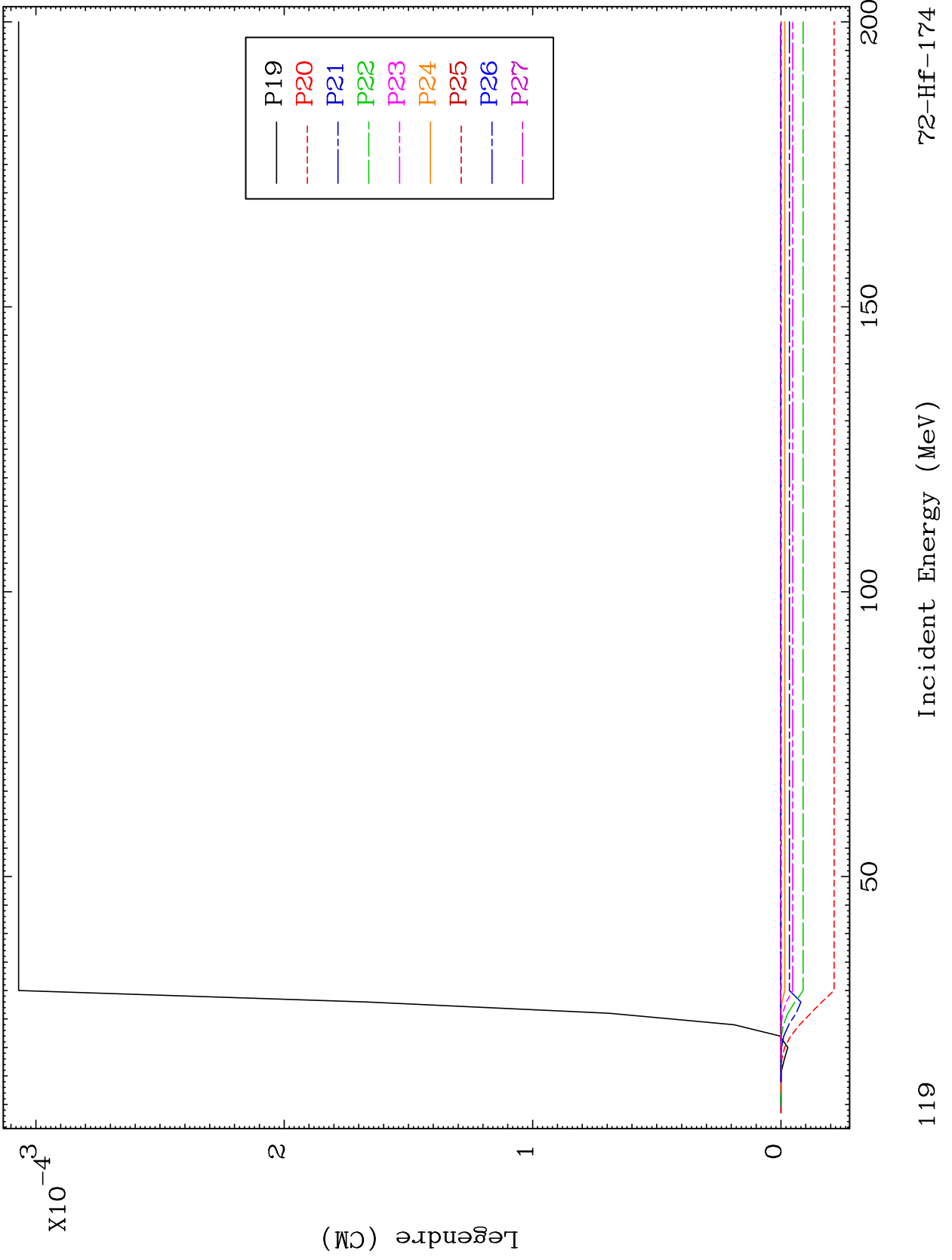
Incident Energy (MeV)

118

MAT 7225

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

72-Hf-174

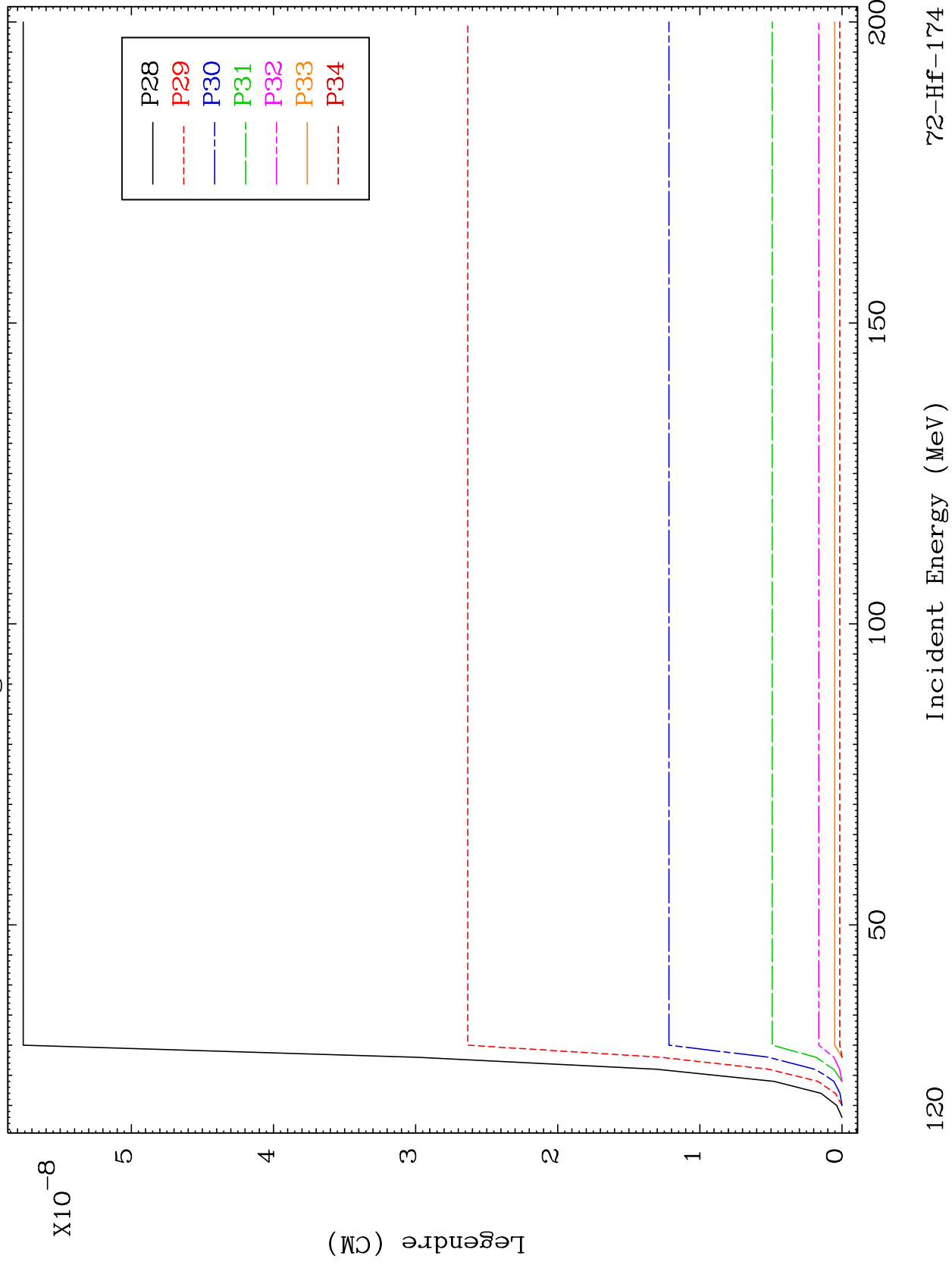




MAT 7225

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

72-Hf-174



72-Hf-174

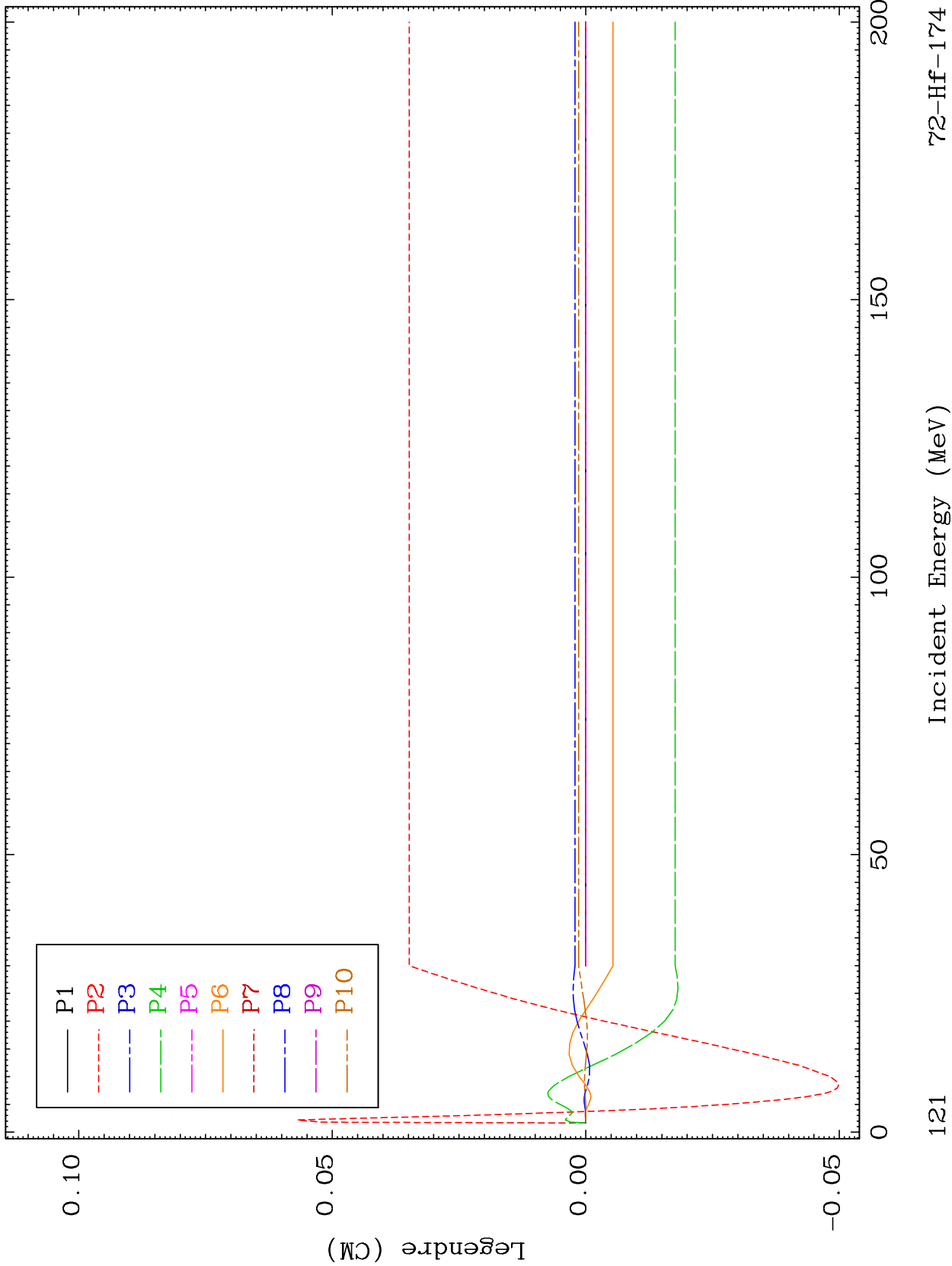
Incident Energy (MeV)

120

MAT 7225

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

72-Hf-174



121

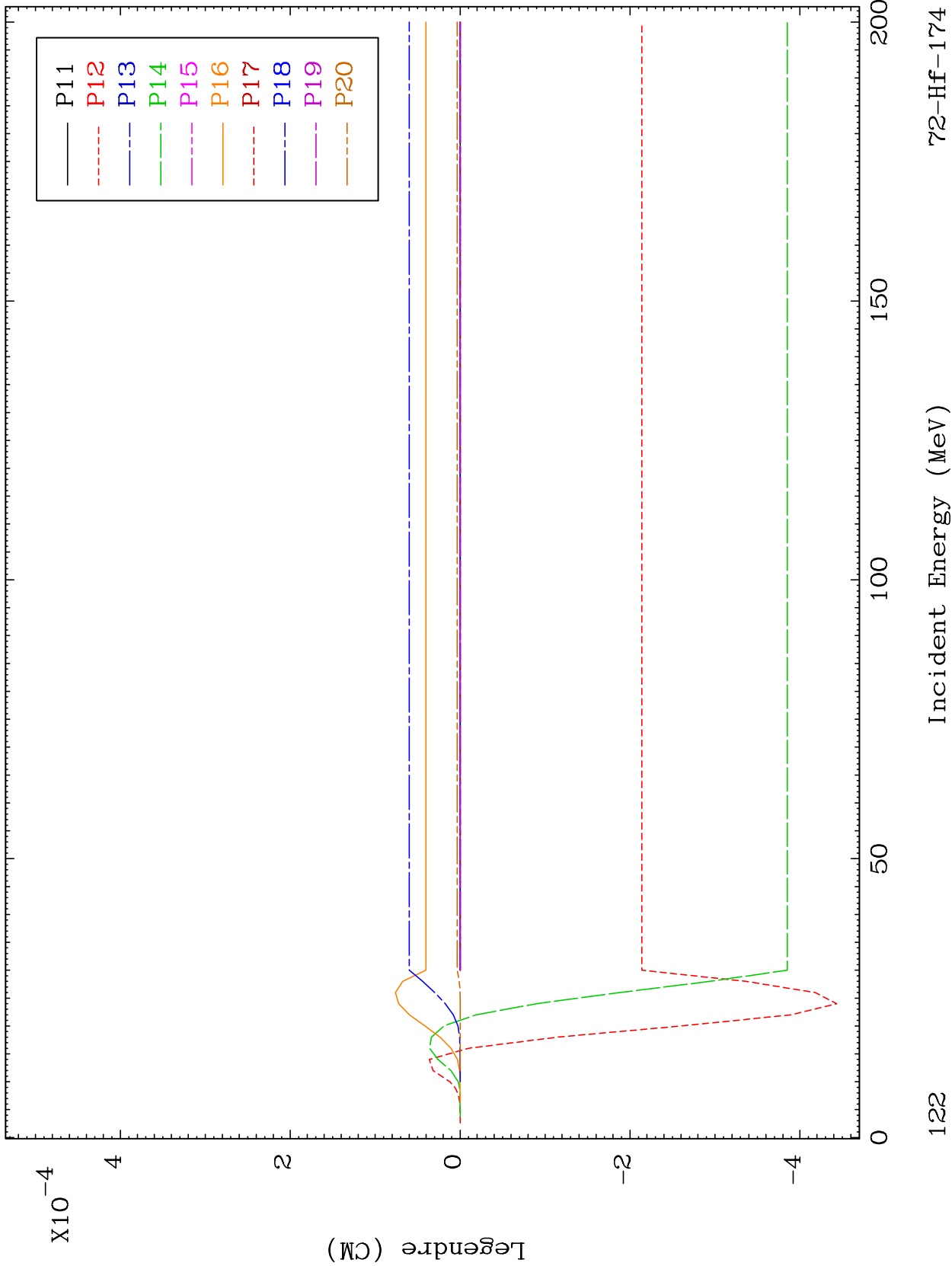
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

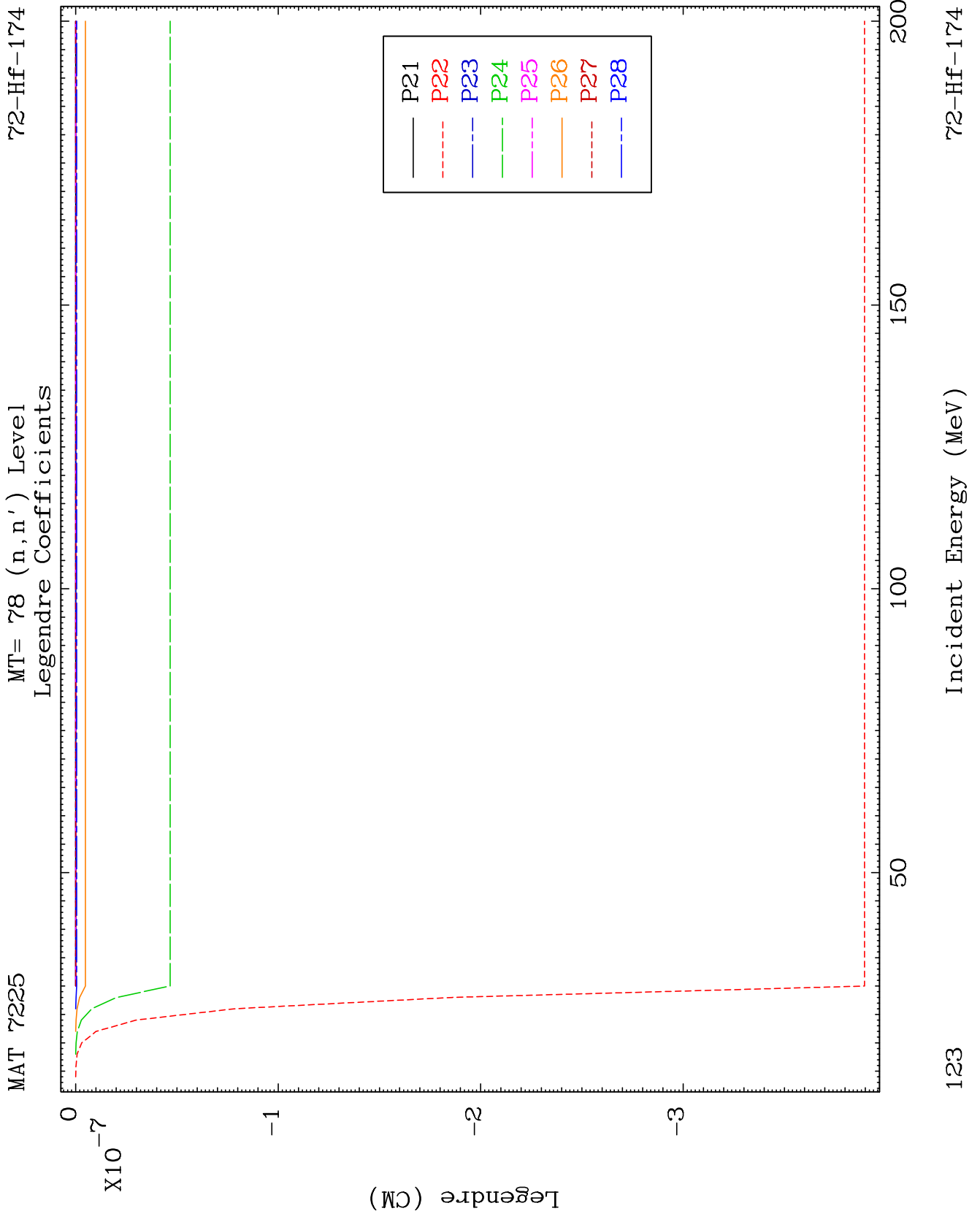
72-Hf-174



72-Hf-174

Incident Energy (MeV)

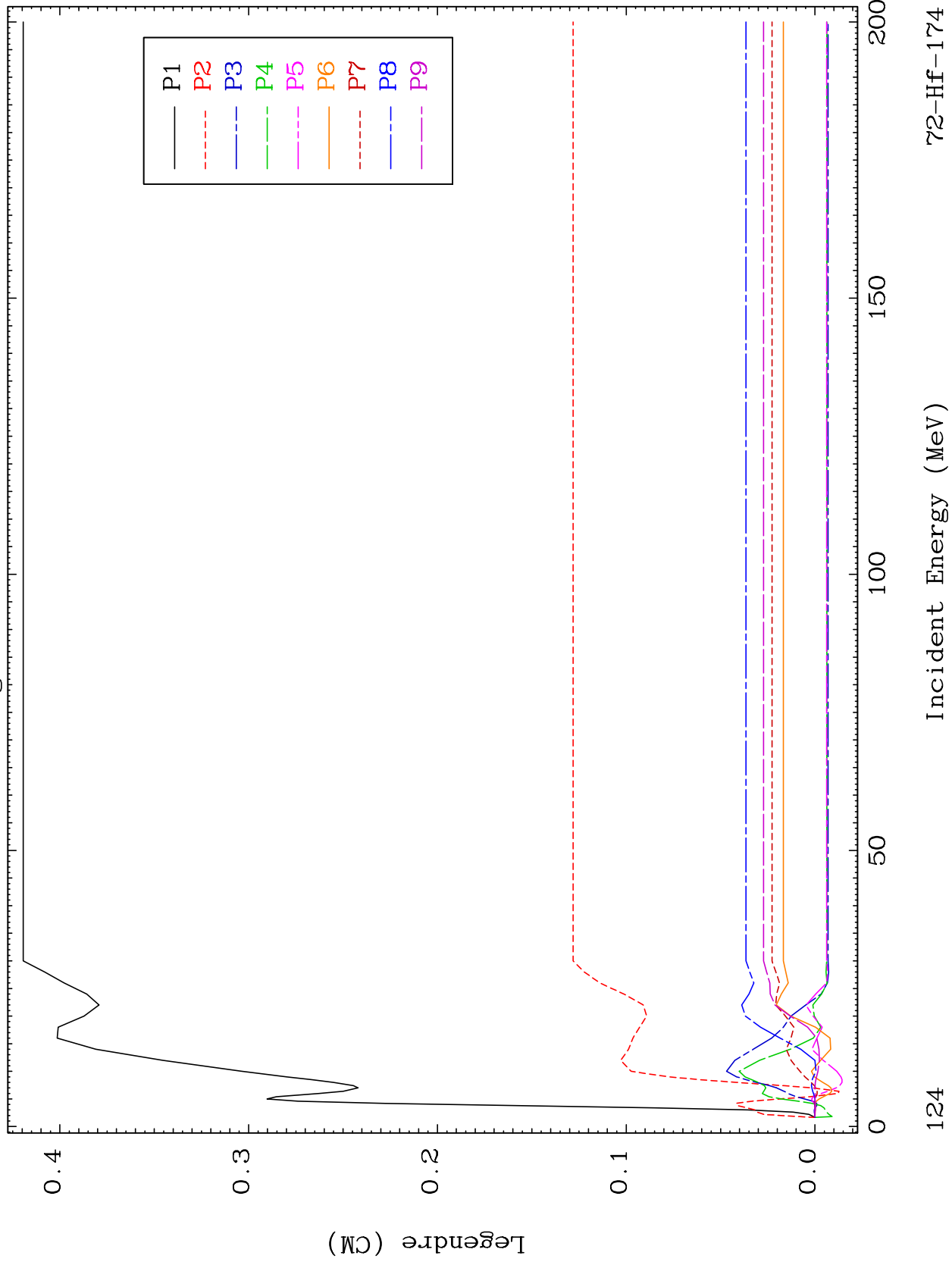
122



MAT 7225

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

72-Hf-174



72-Hf-174

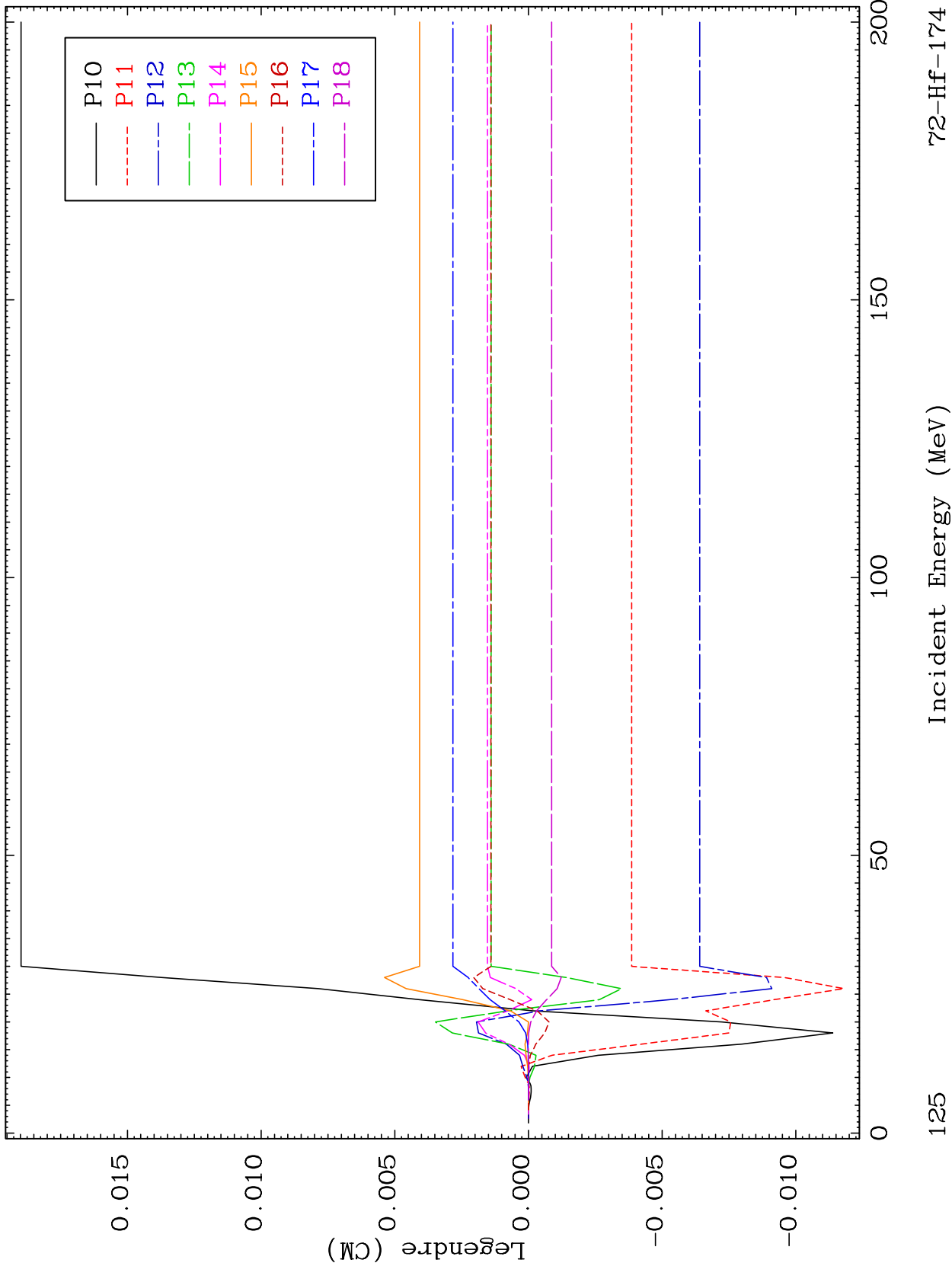
Incident Energy (MeV)

124

MAT 7225

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

72-Hf-174



72-Hf-174

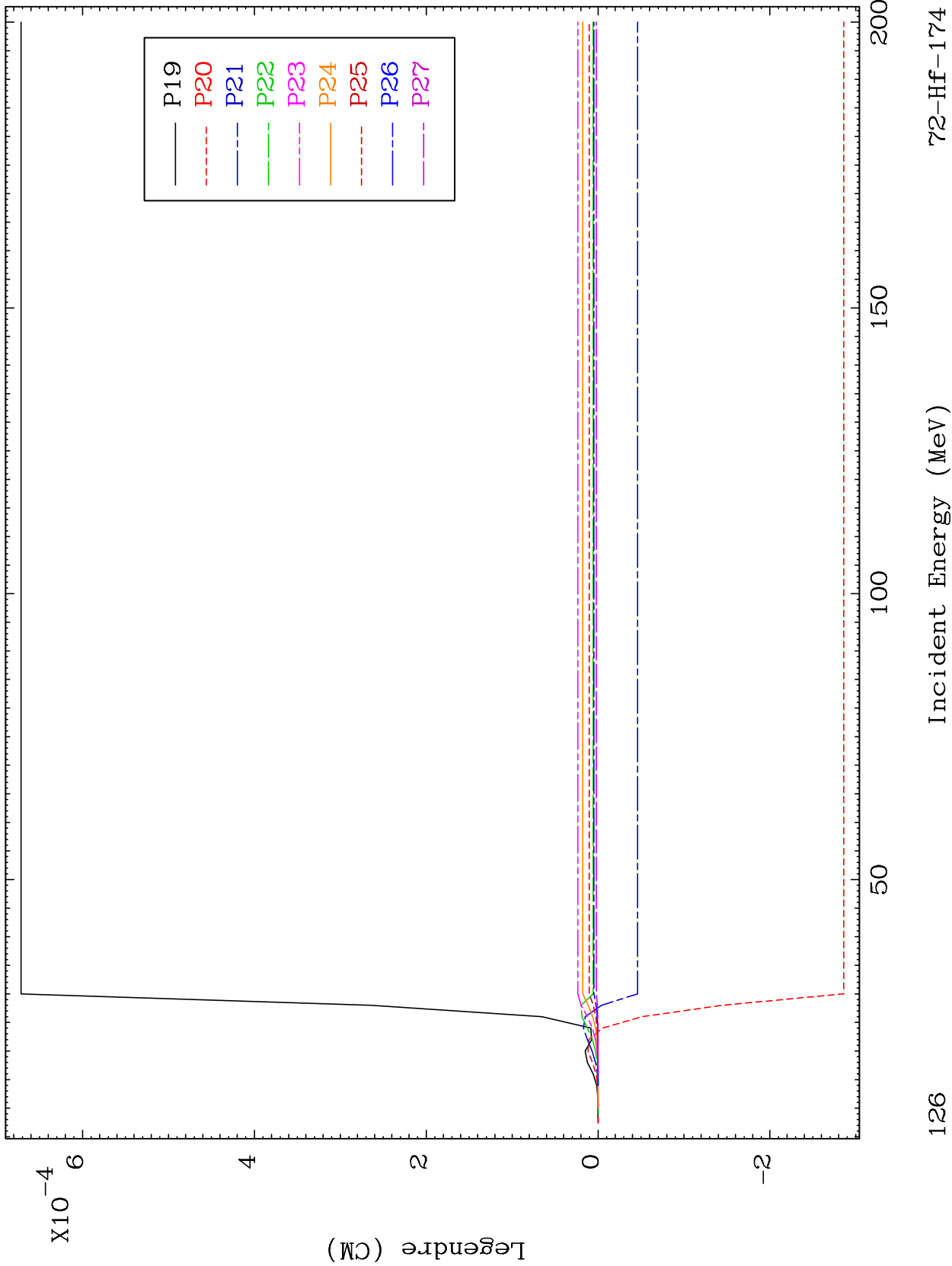
Incident Energy (MeV)

125

MAT 7225

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

72-Hf-174



126

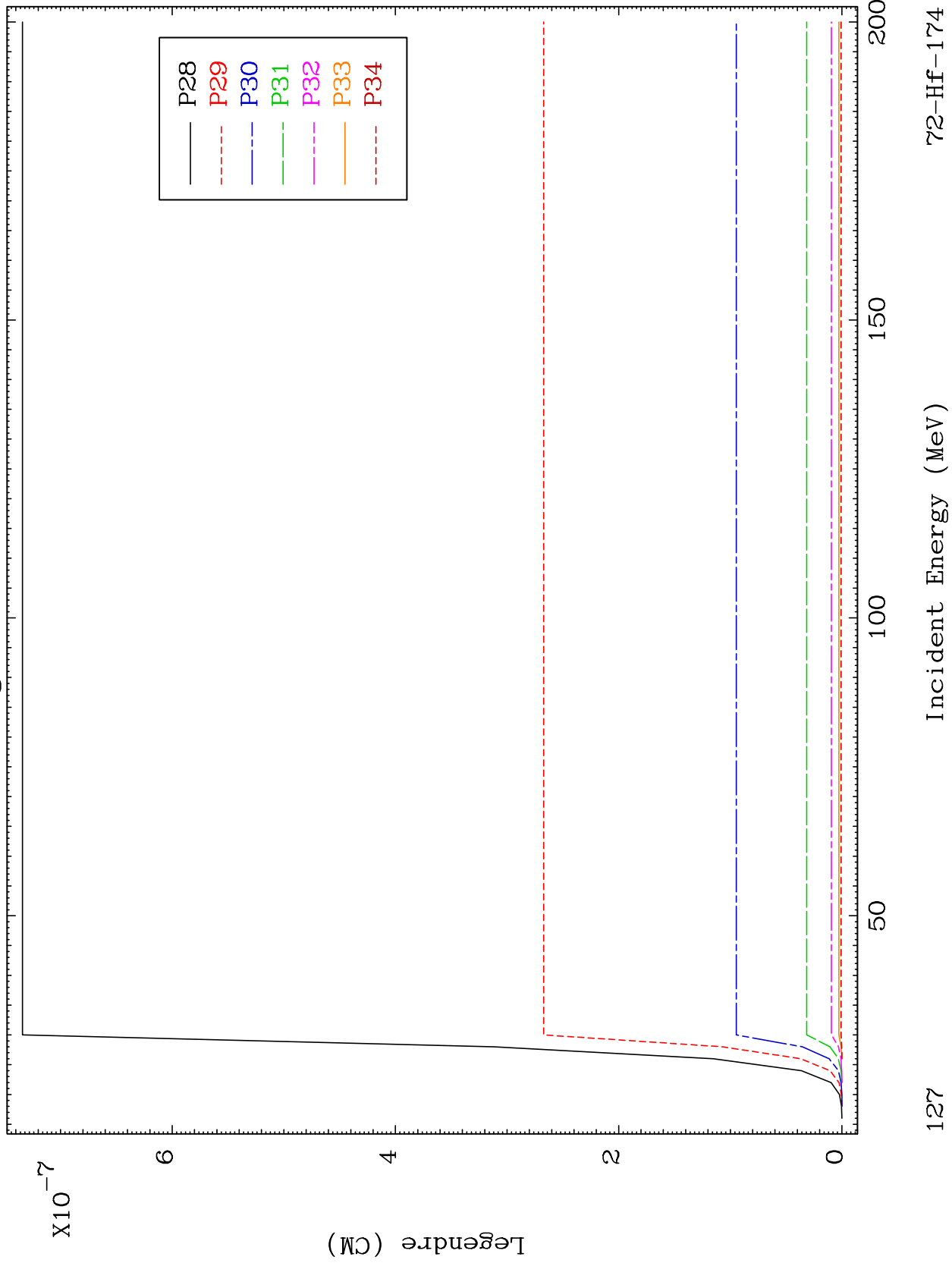
Incident Energy (MeV)

72-Hf-174

MAT 7225

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

72-Hf-174

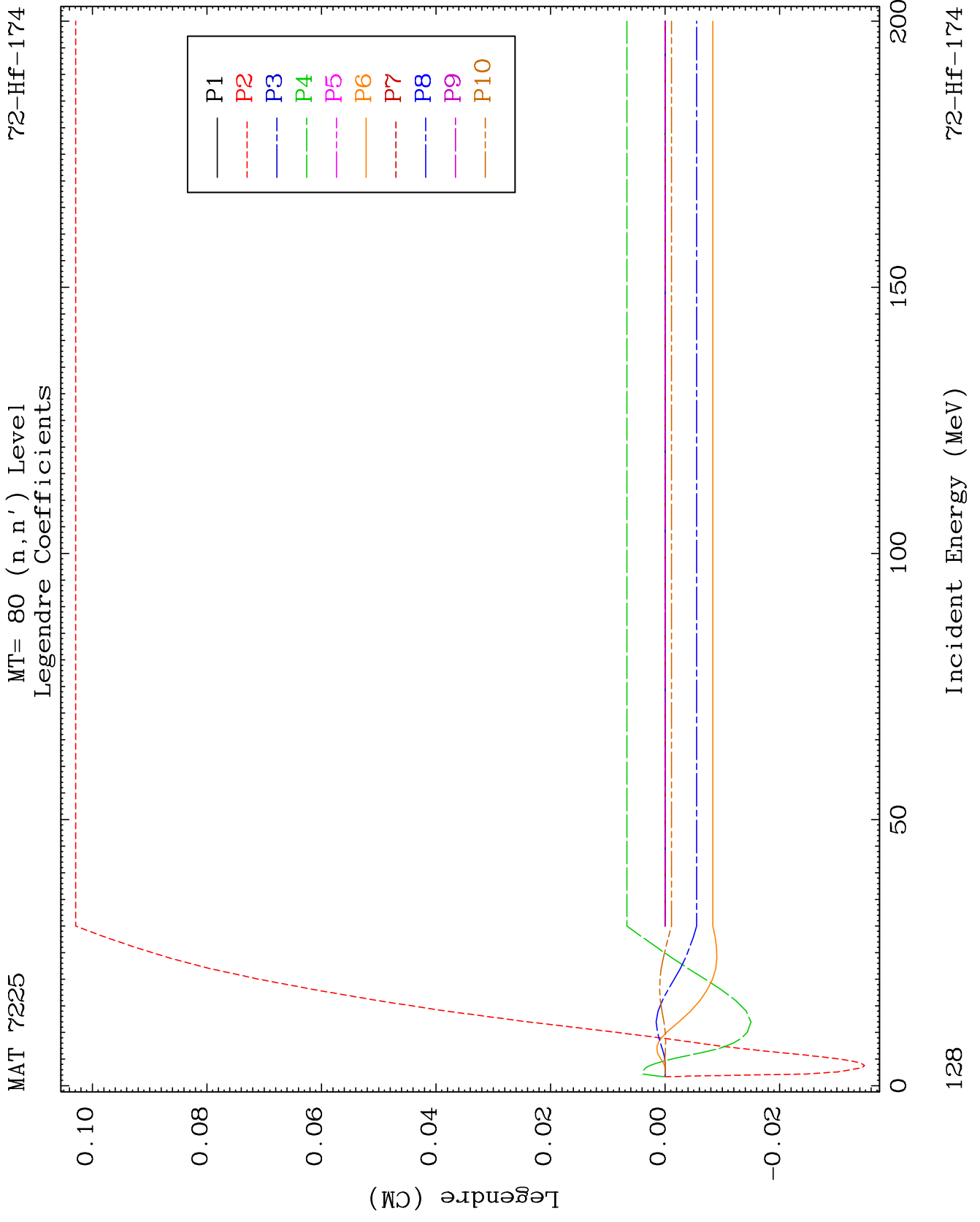


127

Incident Energy (MeV)

72-Hf-174

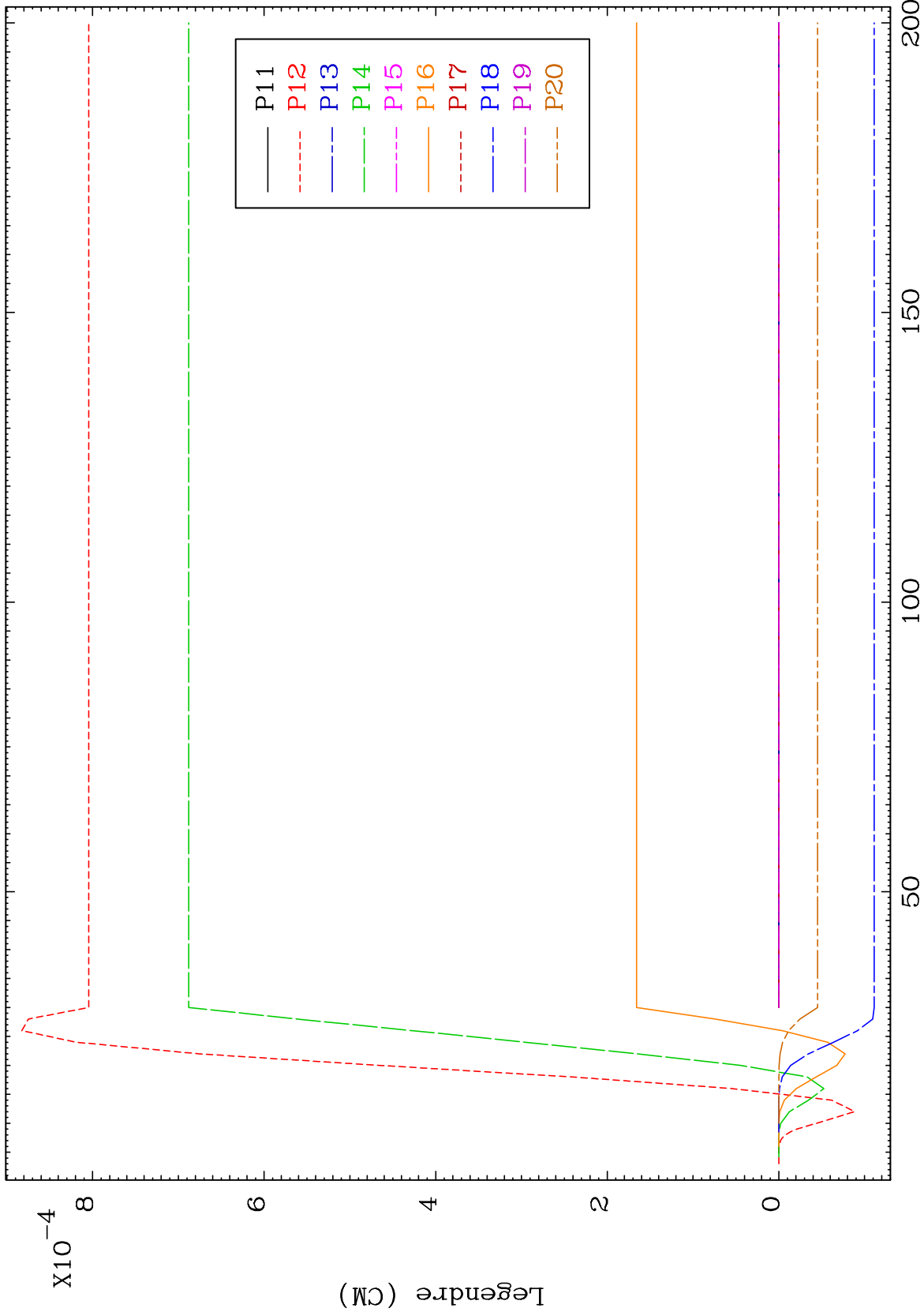




MAT 7225

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

72-Hf-174



129

Incident Energy (MeV)

72-Hf-174

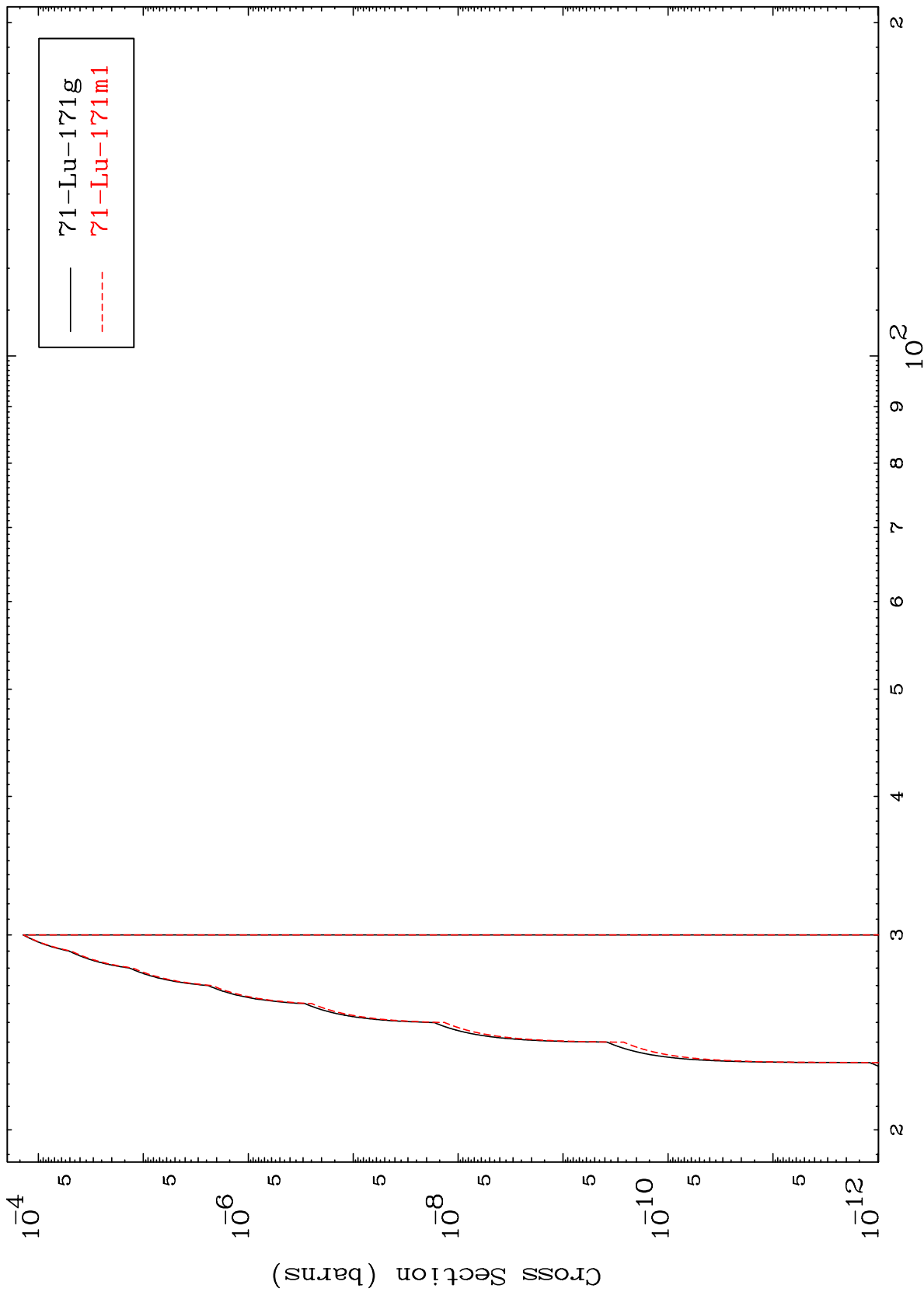


MAT 7225

(n,2n) d

72-Hf-174

Radionuclide Production Cross Section



131

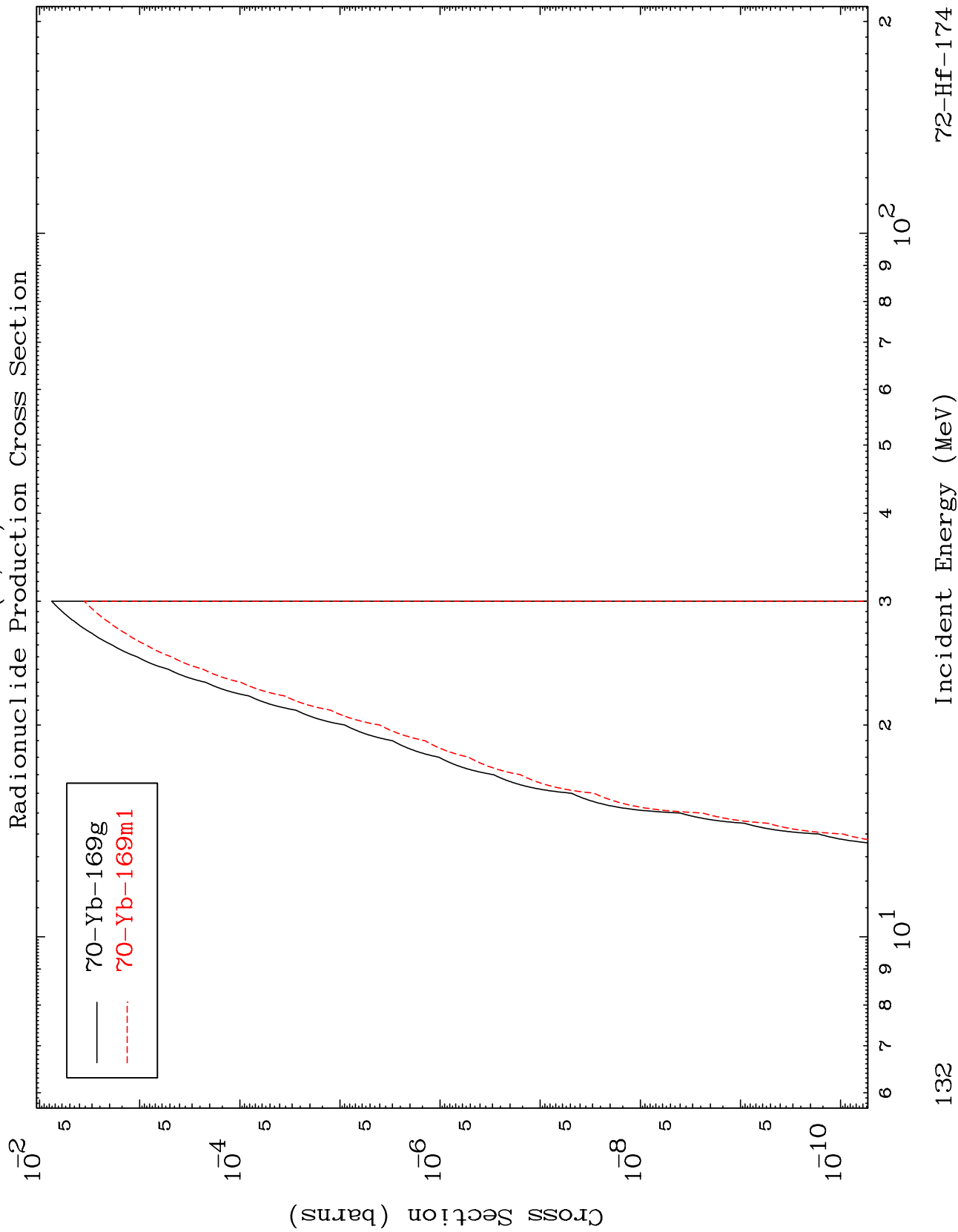
Incident Energy (MeV)

72-Hf-174

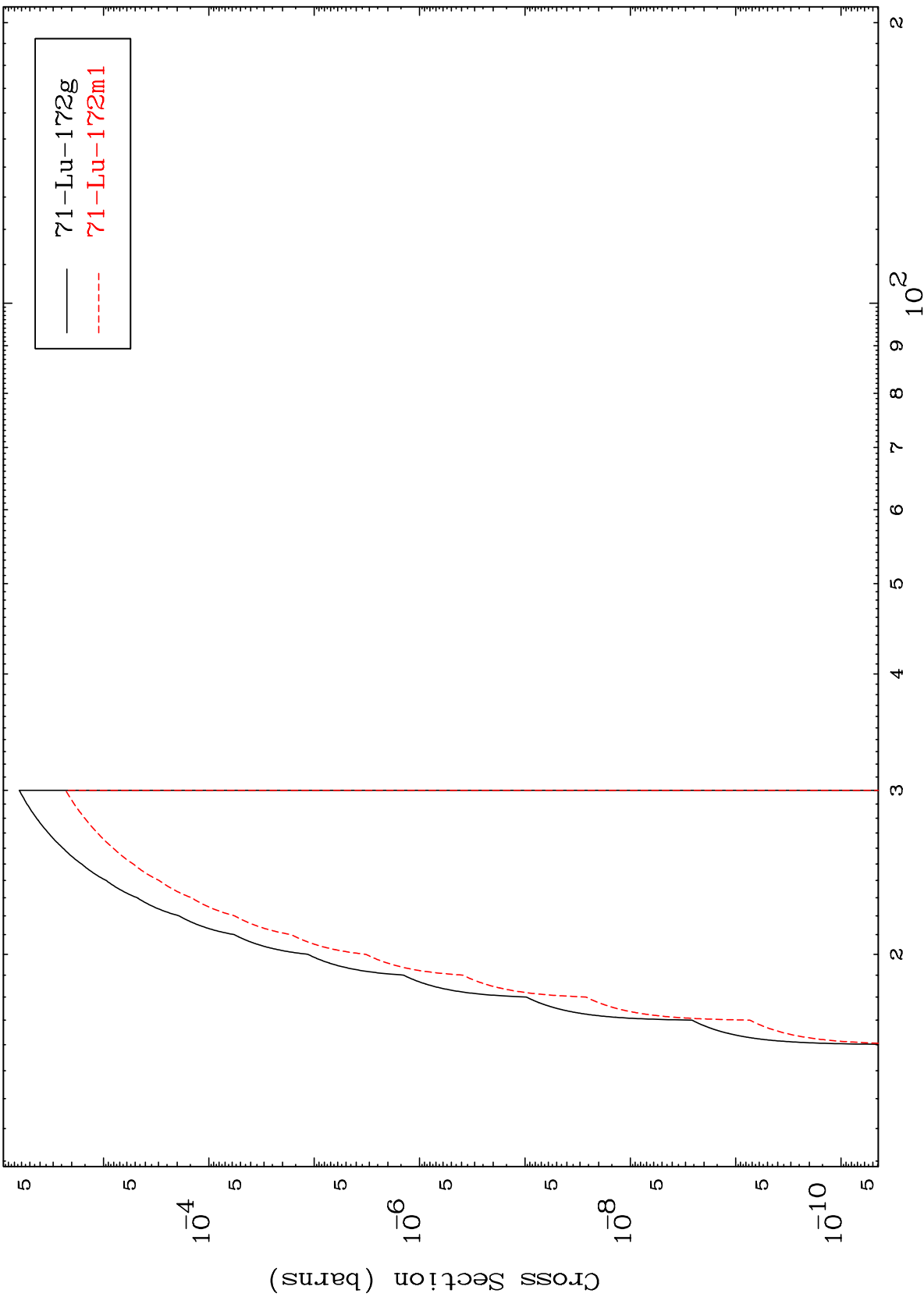
MAT 7225

$(n, 2n) \alpha$

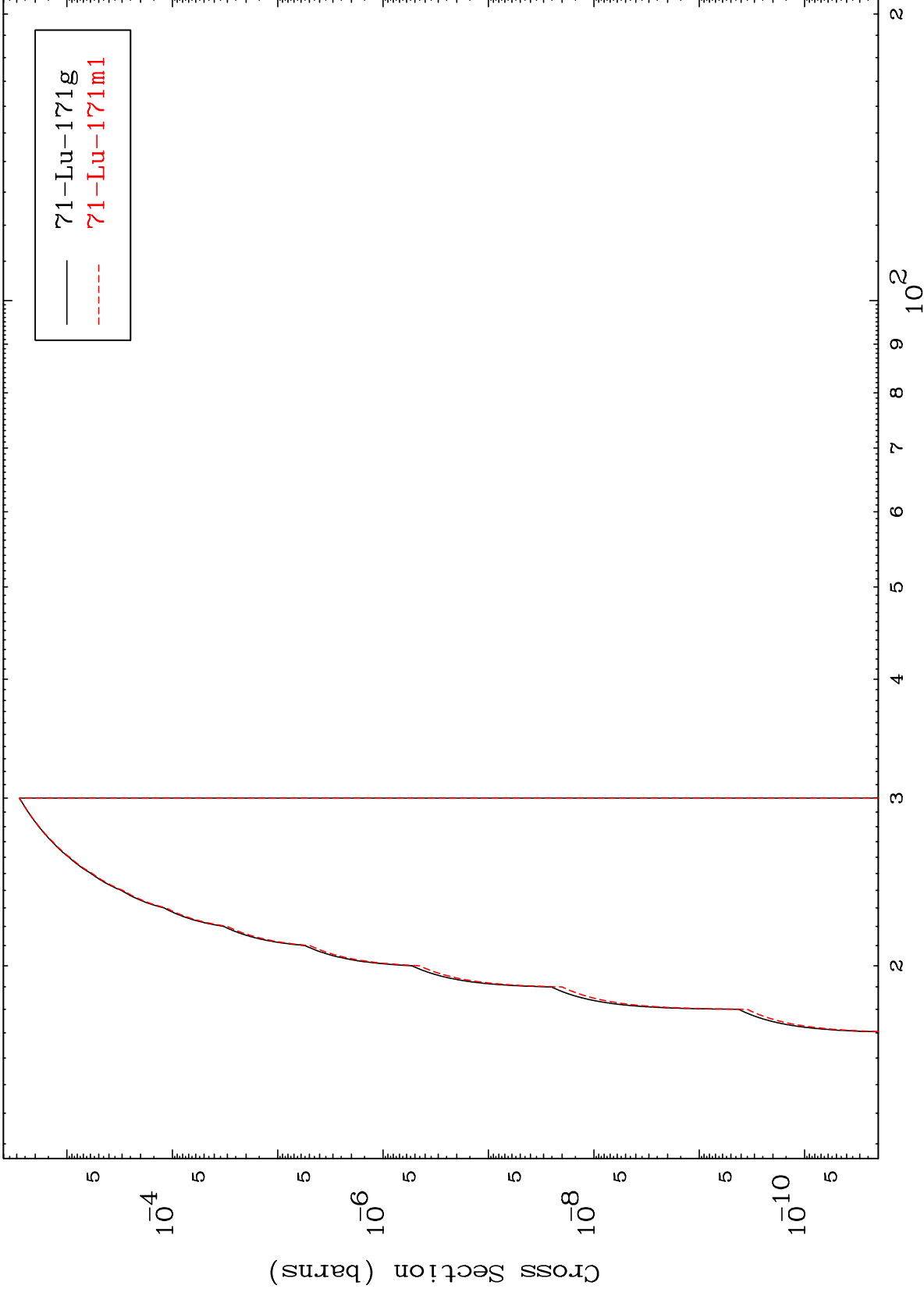
72-Hf-174



Radionuclide Production Cross Section



Radionuclide Production Cross Section

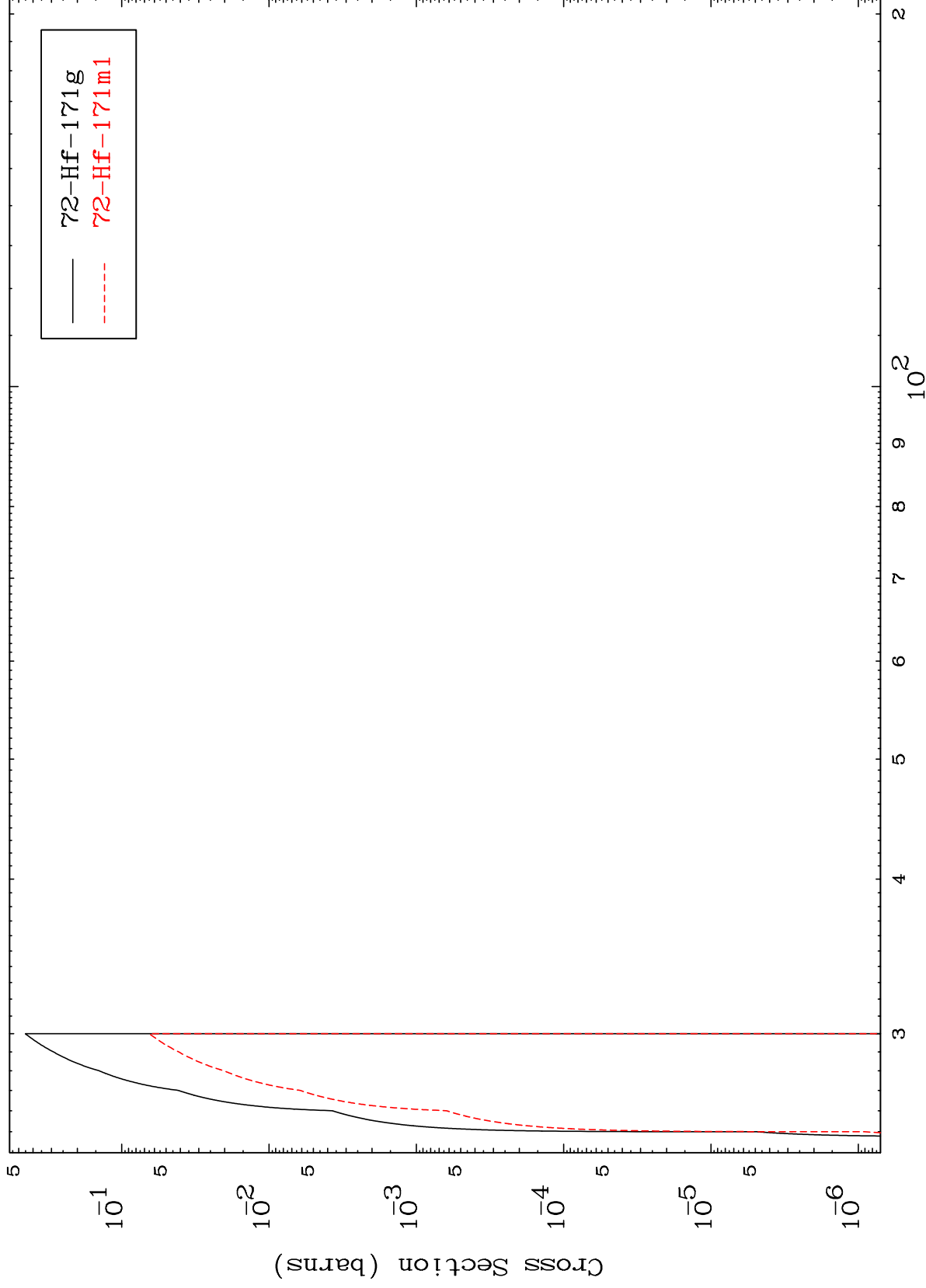


MAT 7225

(n,4n)

72-Hf-174

Radionuclide Production Cross Section



72-Hf-171g  
72-Hf-171m1

135

Incident Energy (MeV)

72-Hf-174

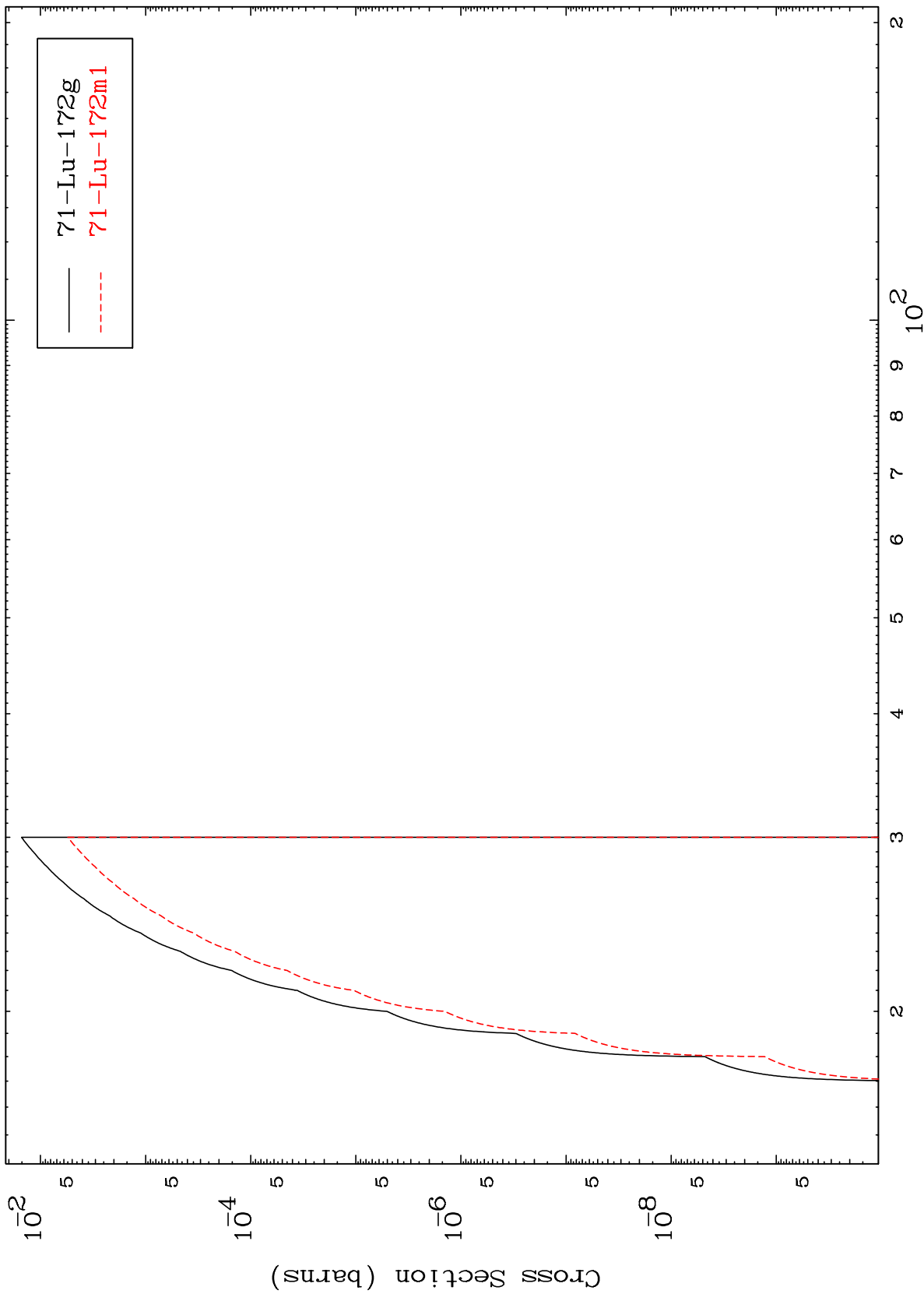


MAT 7225

(n,2n) p

72-Hf-174

Radionuclide Production Cross Section



136

Incident Energy (MeV)

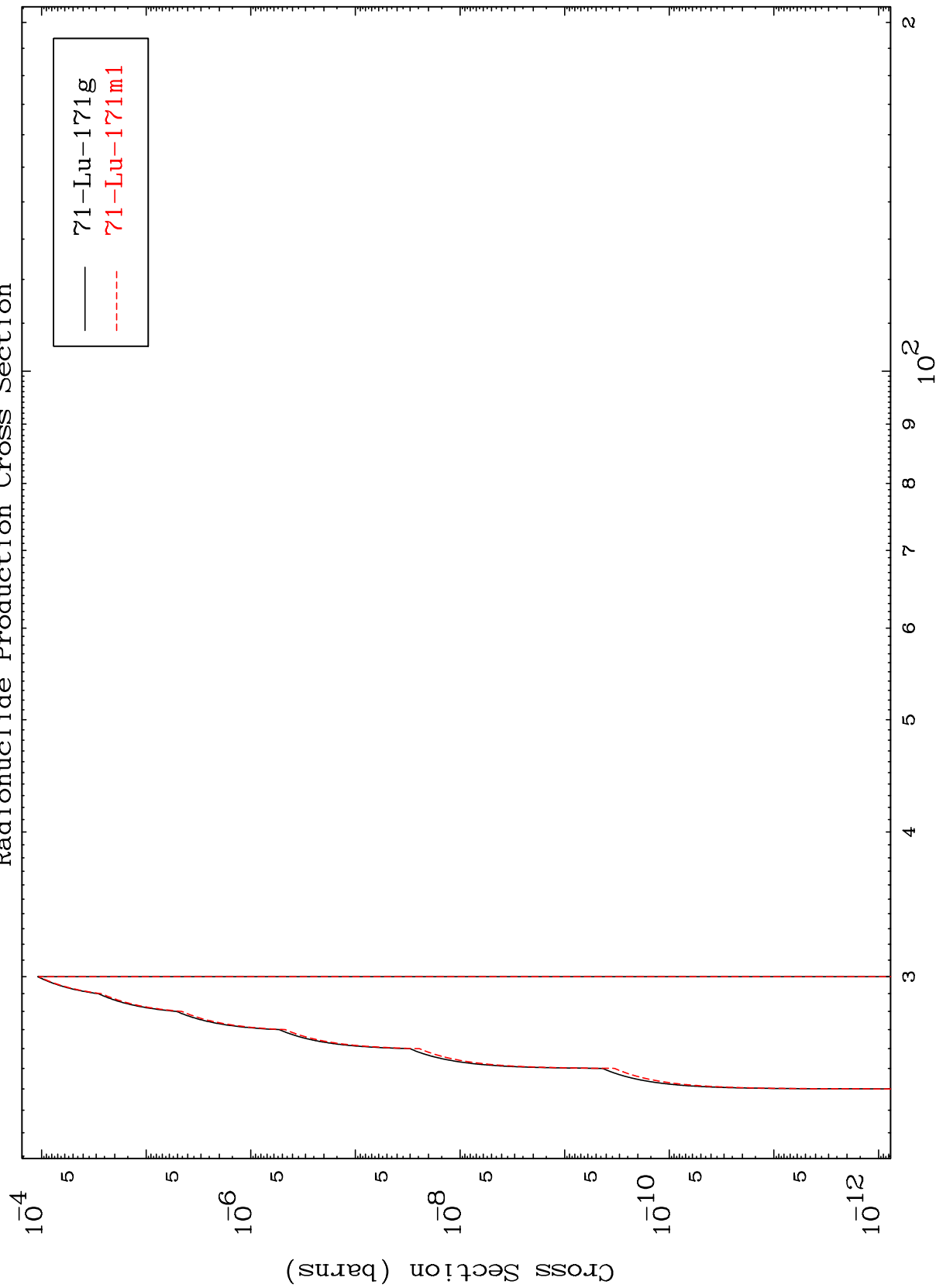
72-Hf-174

MAT 7225

(n,3n) p

72-Hf-174

Radionuclide Production Cross Section



137

Incident Energy (MeV)

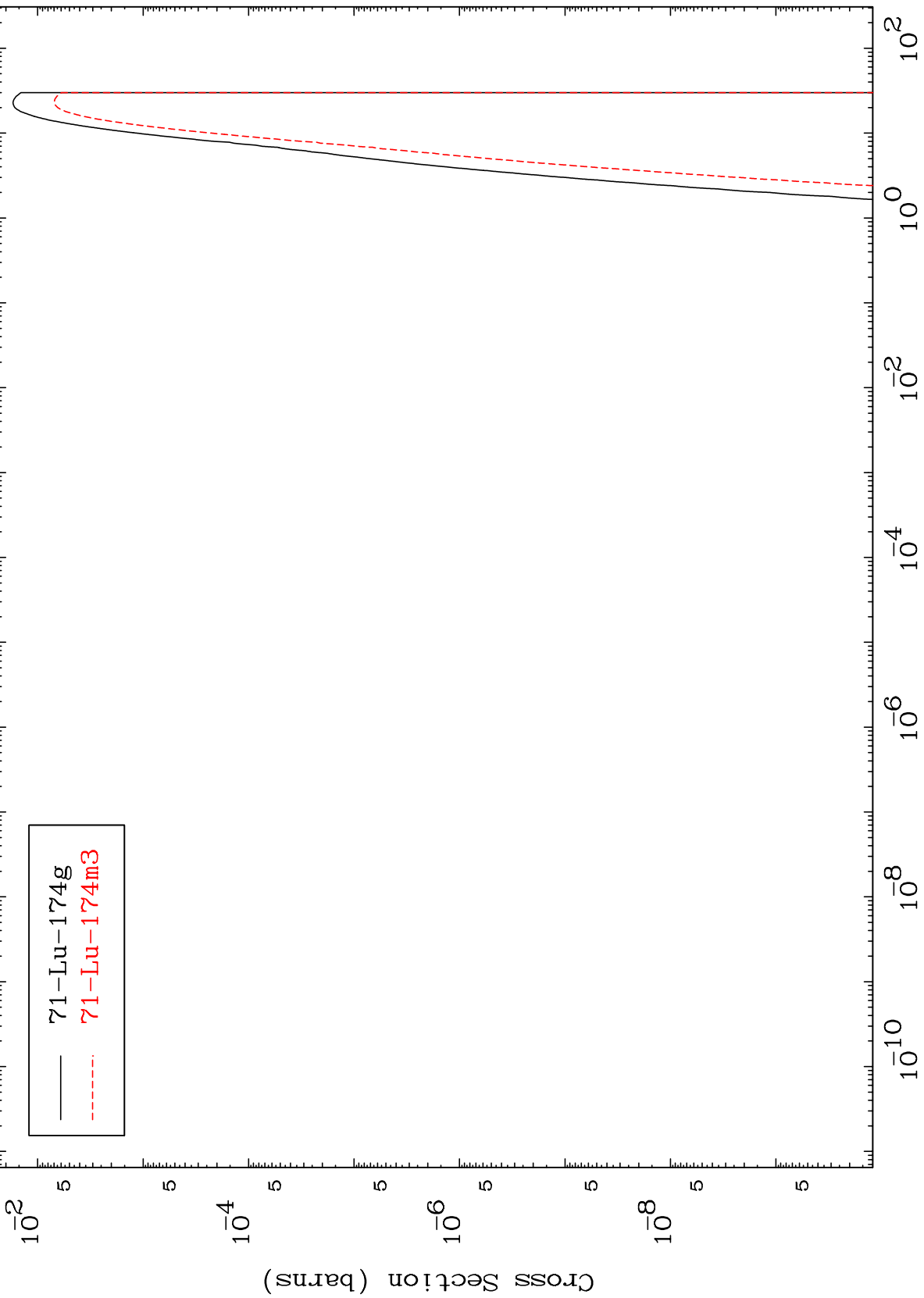
72-Hf-174

MAT 7225

(n,p)

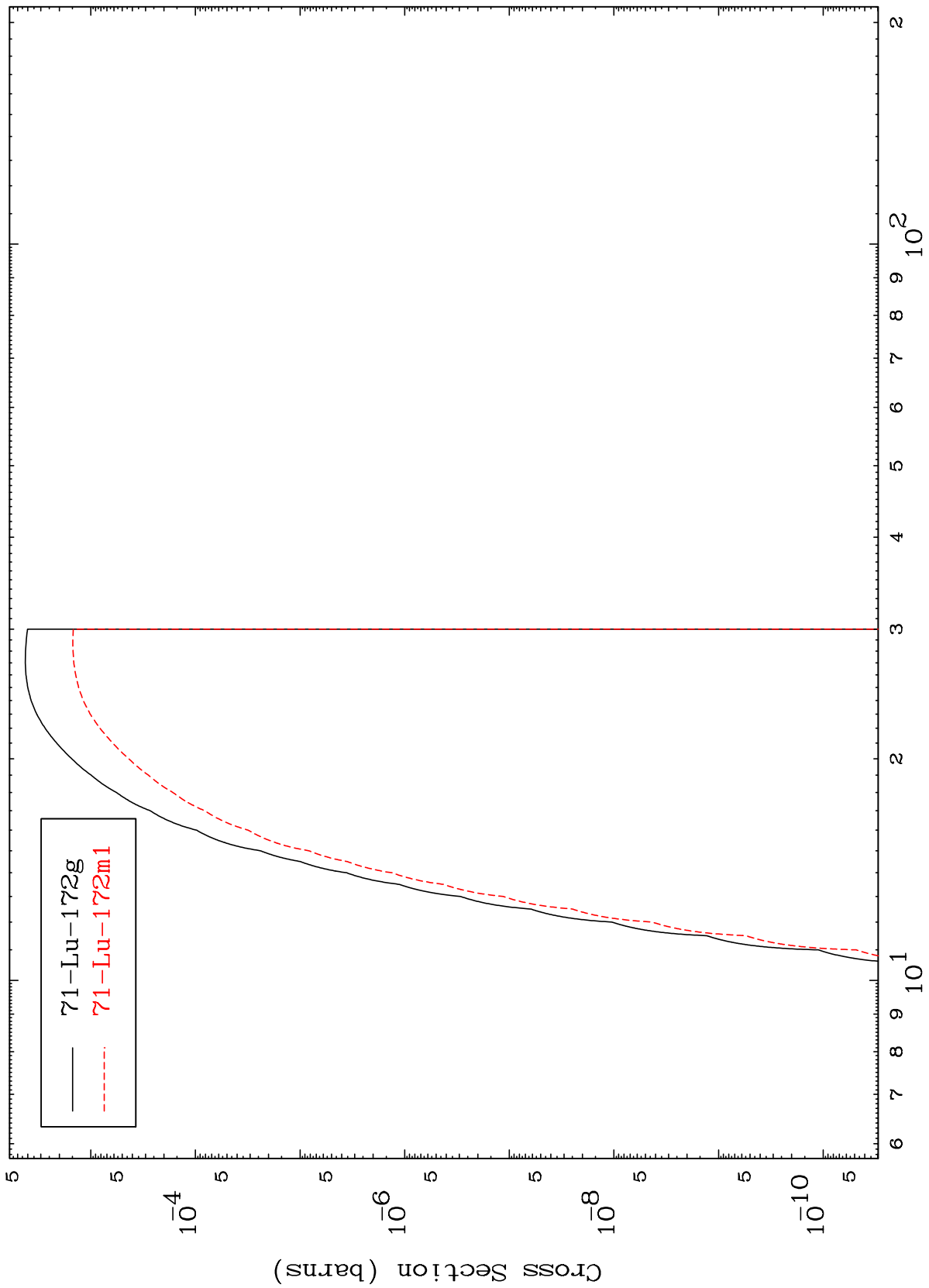
72-Hf-174

Radionuclide Production Cross Section



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

(n, t)  
Radionuclide Production Cross Section



MAT 7225

(n,2α)

72-Hf-174

Radionuclide Production Cross Section

