

Program EVALPLOT
(Version 2021-1)

by

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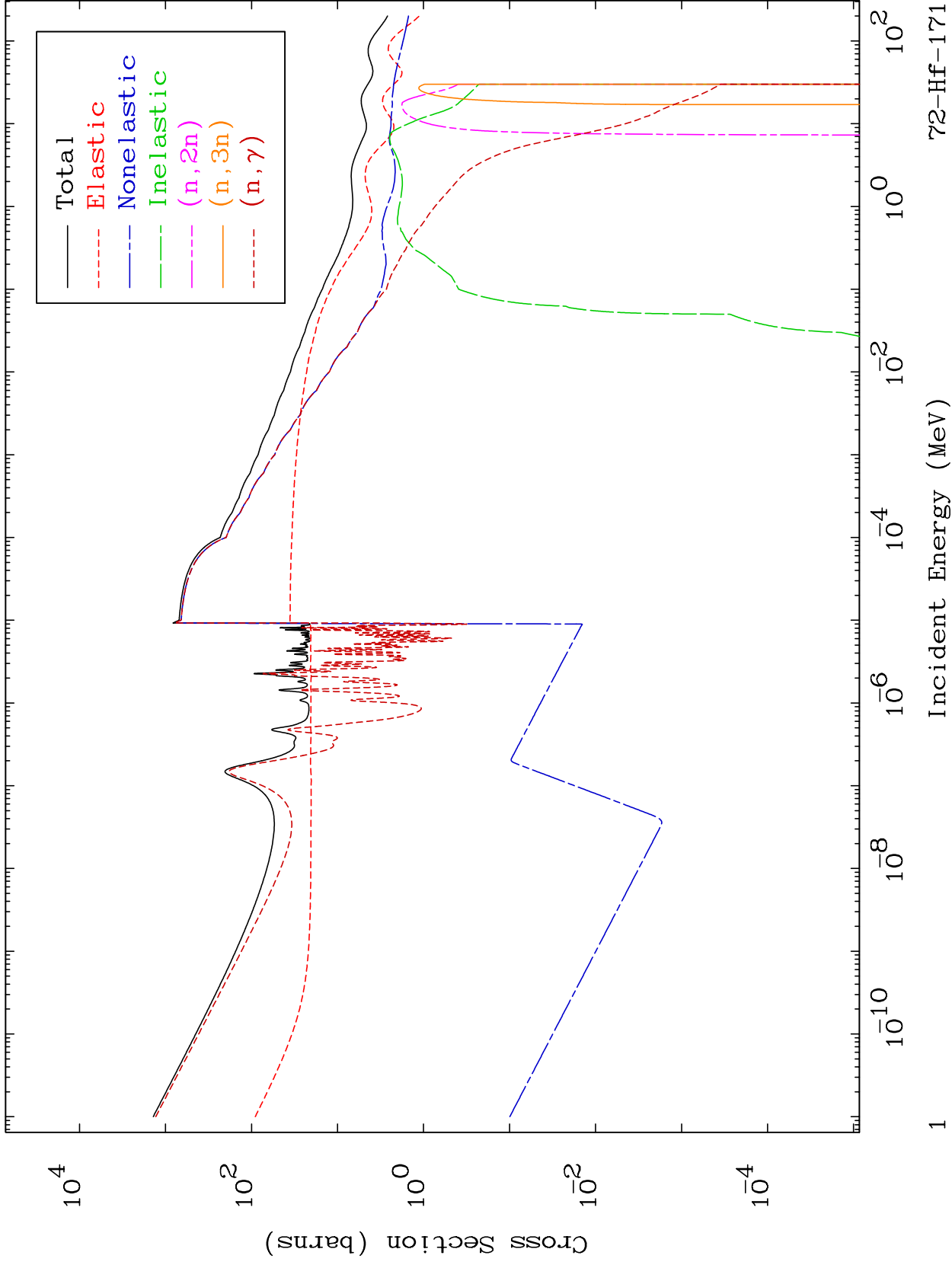
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7216

Neutron Major
293 Kelvin Cross Sections

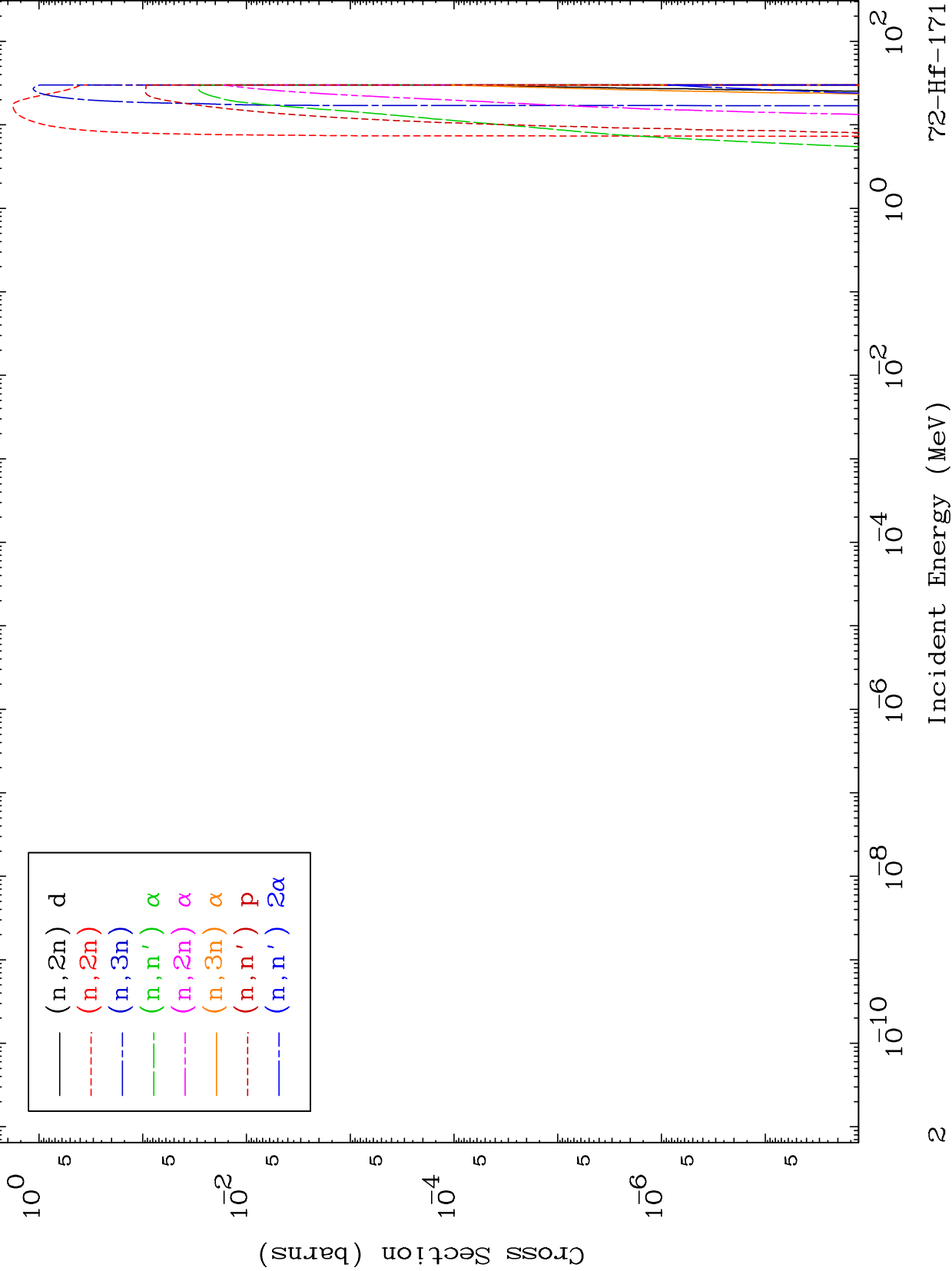
72-Hf-171



MAT 7216

Neutron Absorption
293 Kelvin Cross Sections

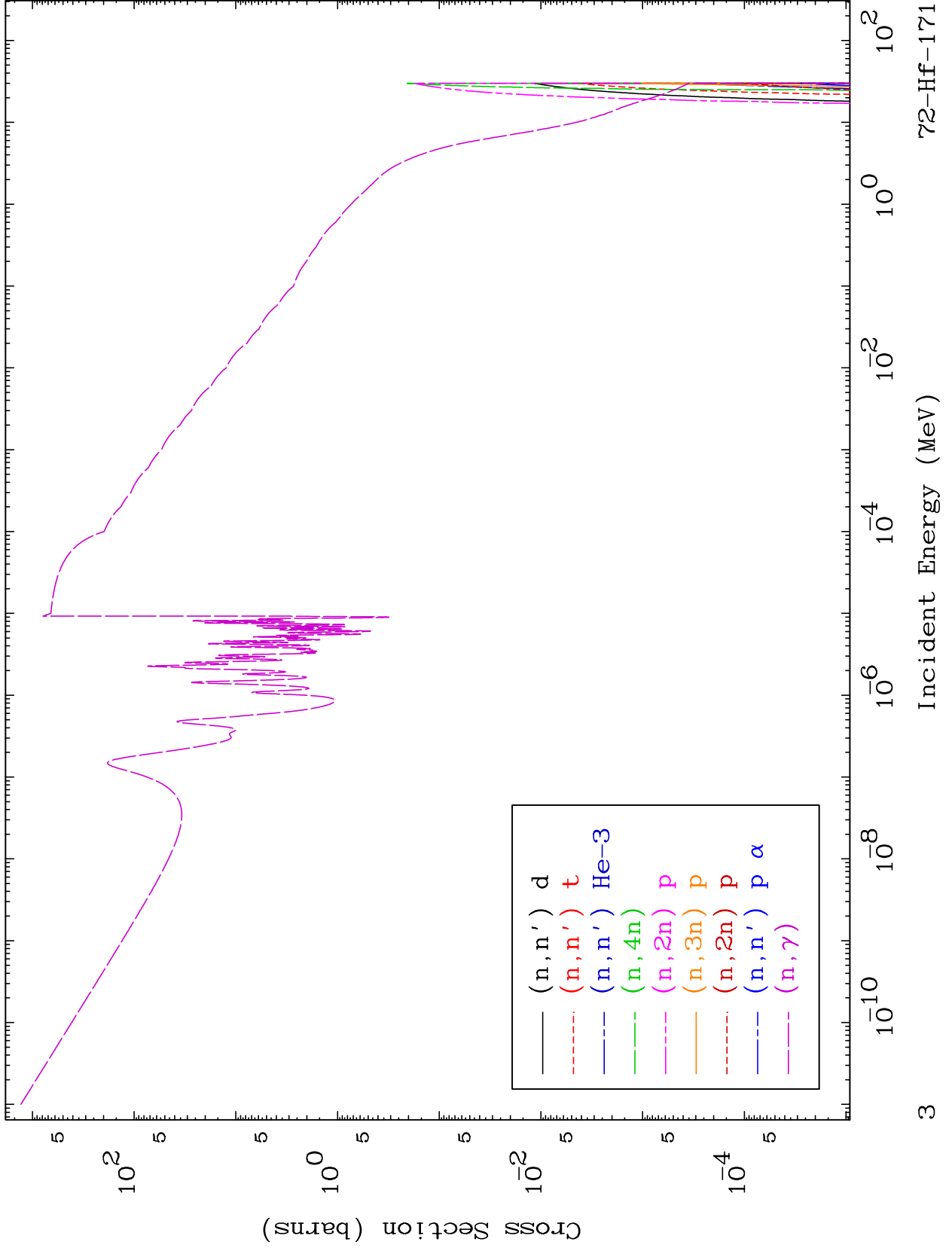
72-Hf-171



MAT 7216

Neutron Absorption
293 Kelvin Cross Sections

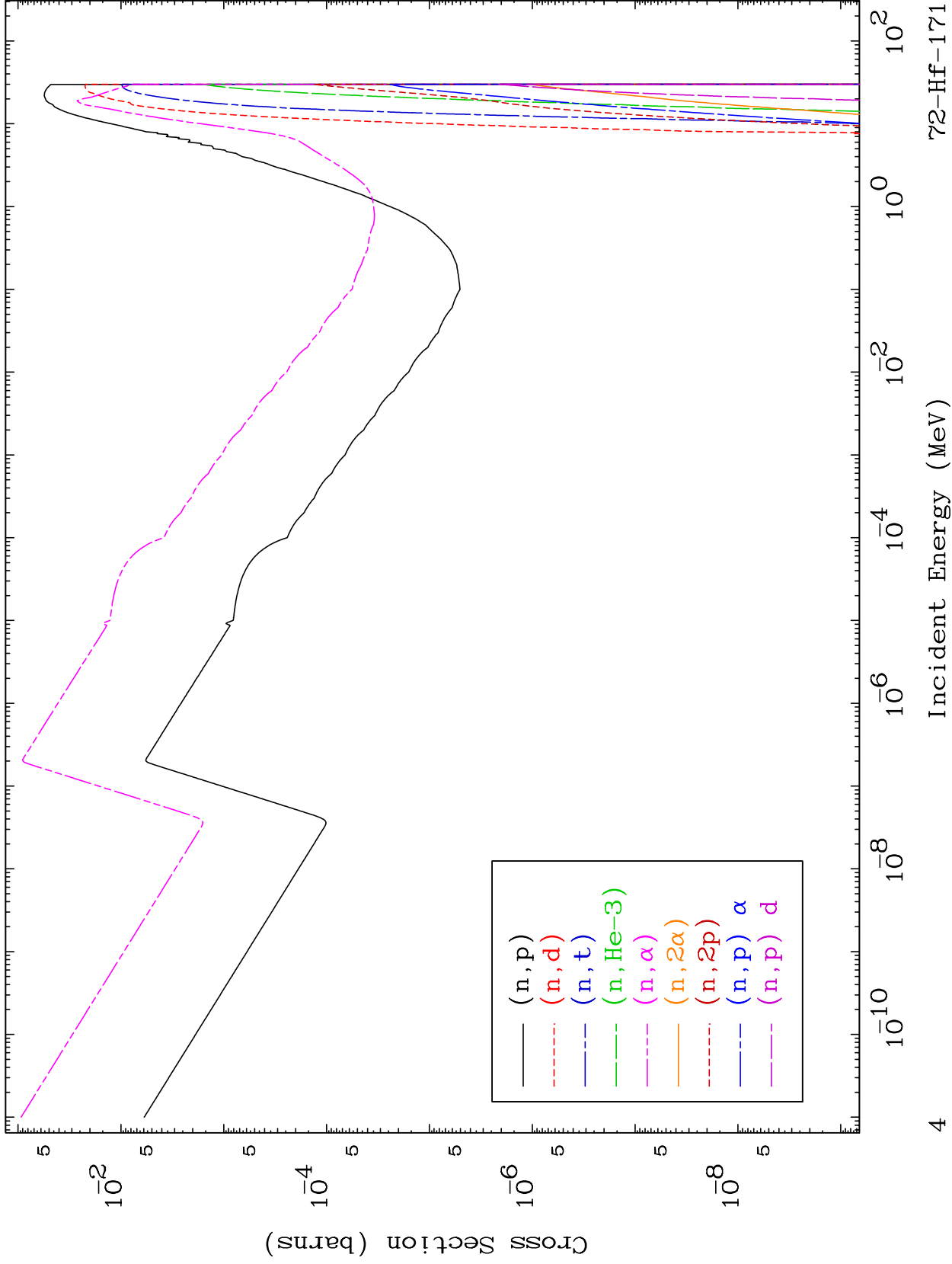
72-Hf-171

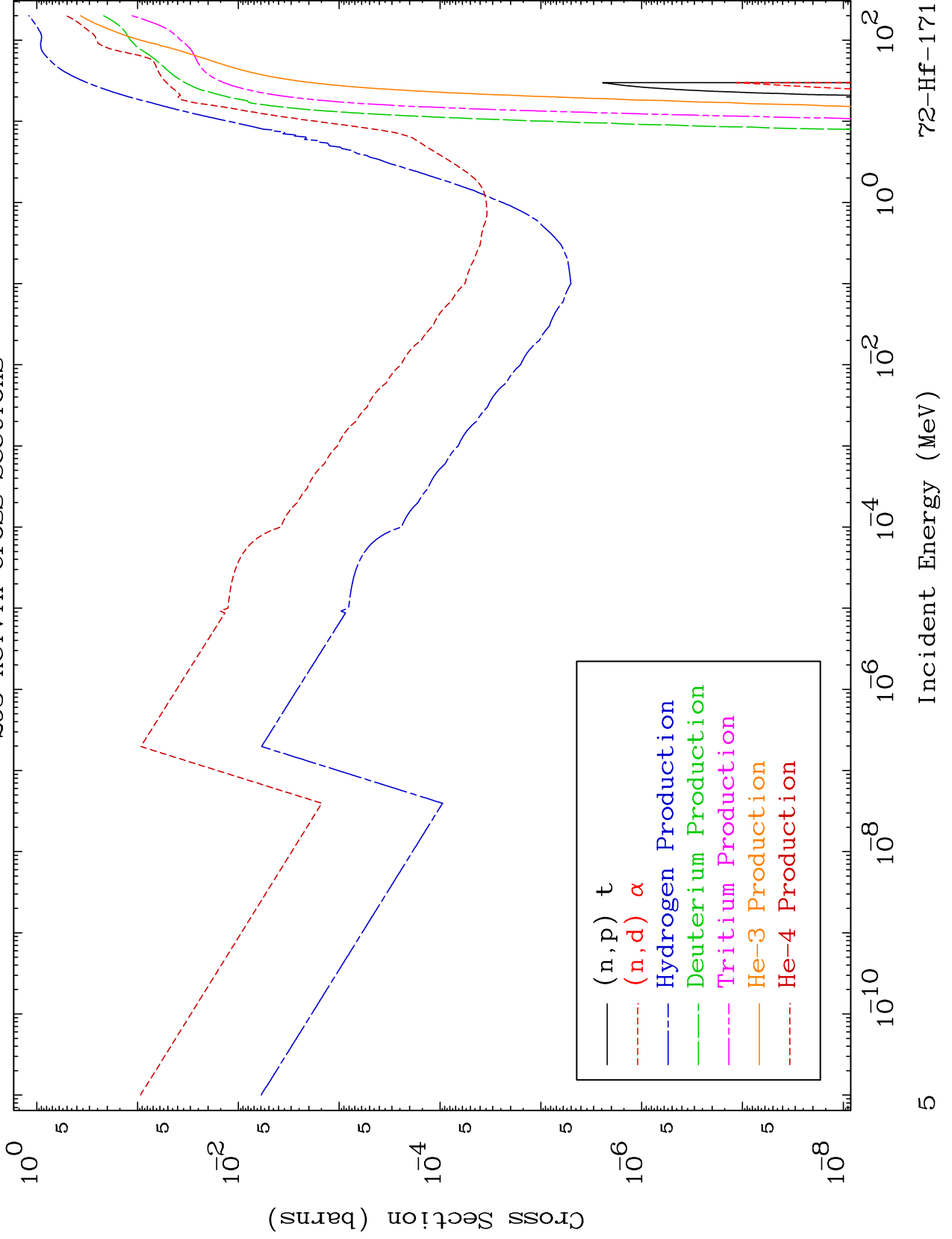


MAT 7216

Neutron Absorption
293 Kelvin Cross Sections

72-Hf-171

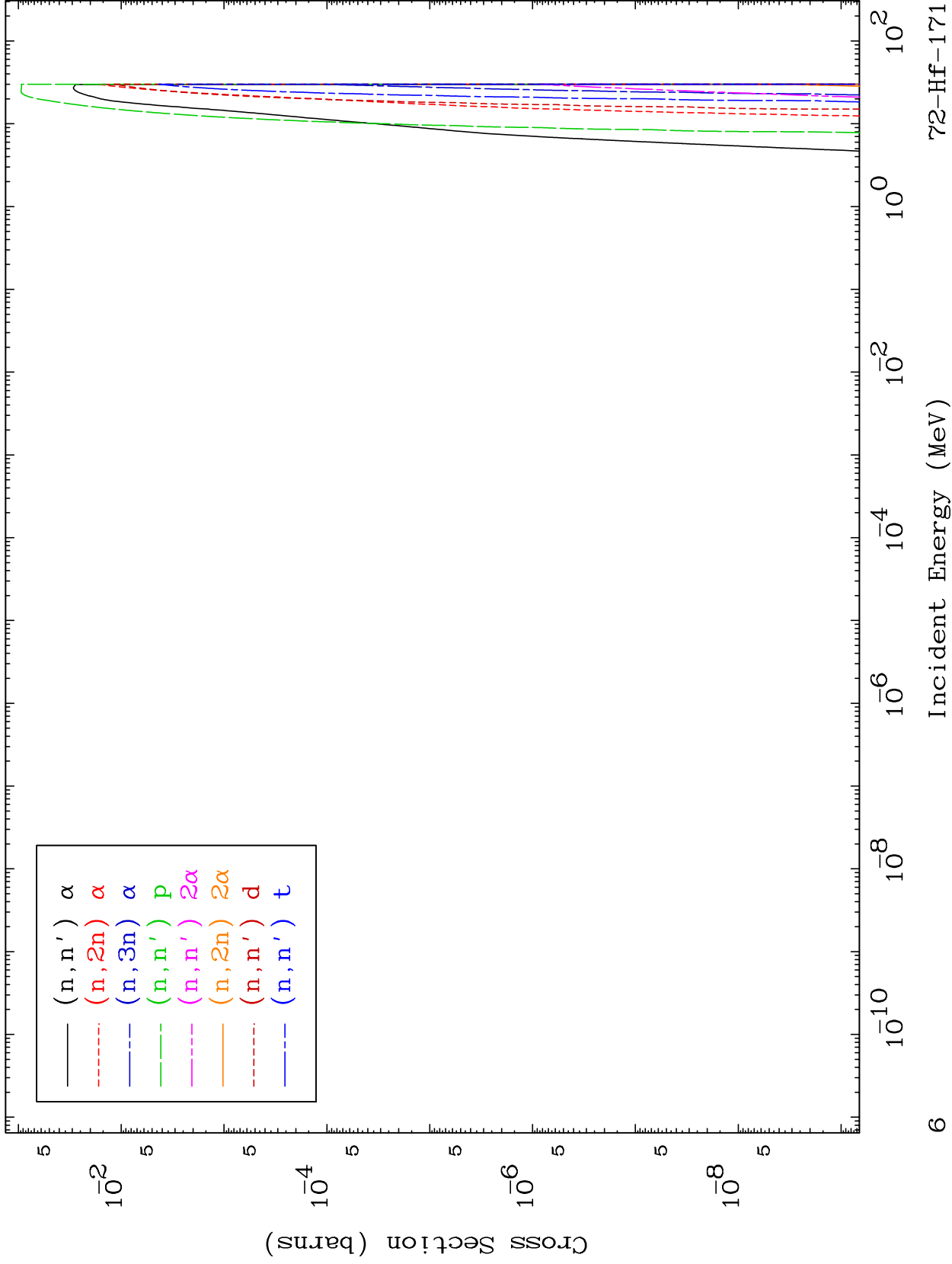




MAT 7216

Charged Particle
293 Kelvin Cross Sections

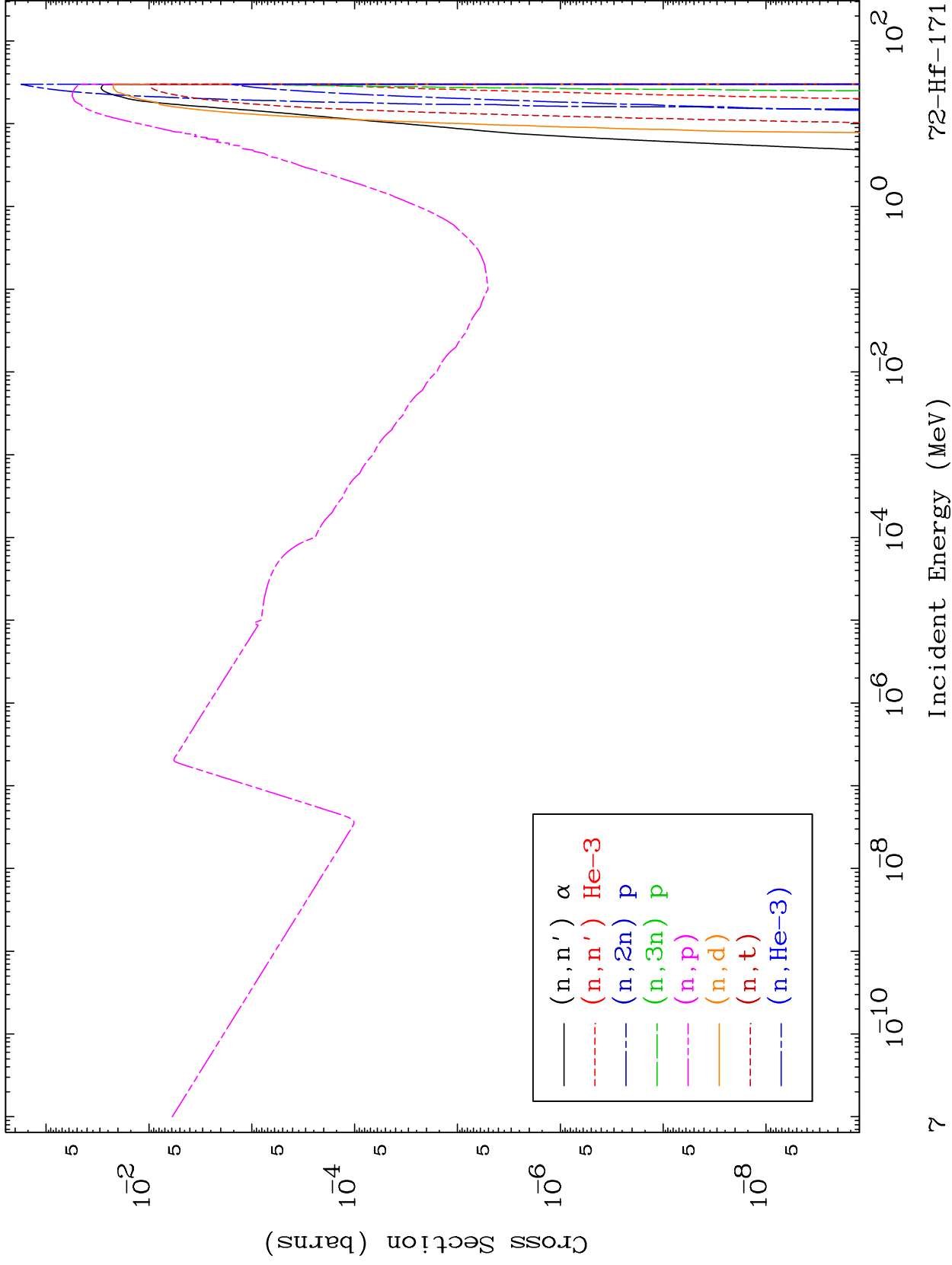
72-Hf-171



MAT 7216

Charged Particle
293 Kelvin Cross Sections

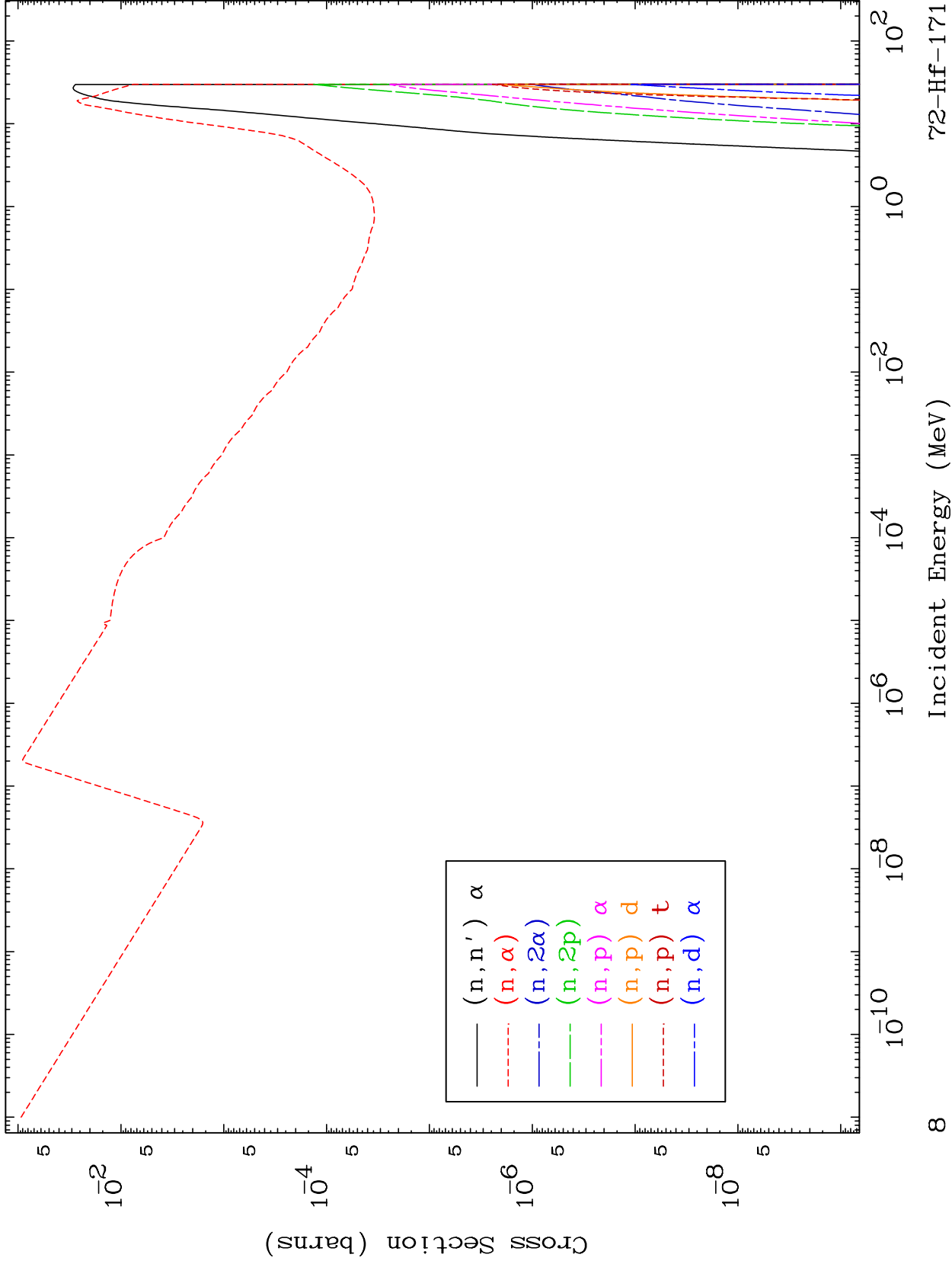
72-Hf-171



MAT 7216

Charged Particle
293 Kelvin Cross Sections

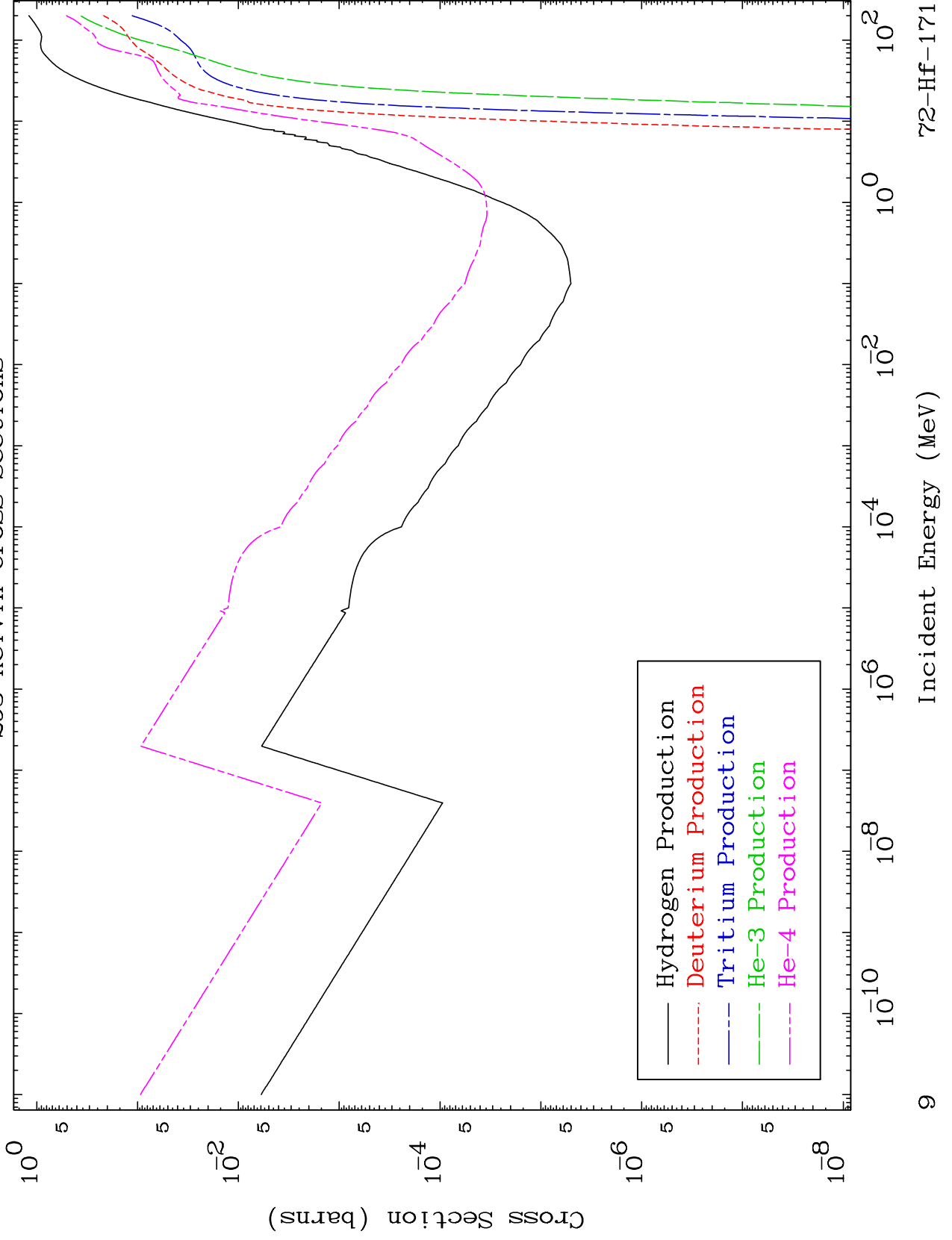
72-Hf-171



MAT 7216

Particle Production
293 Kelvin Cross Sections

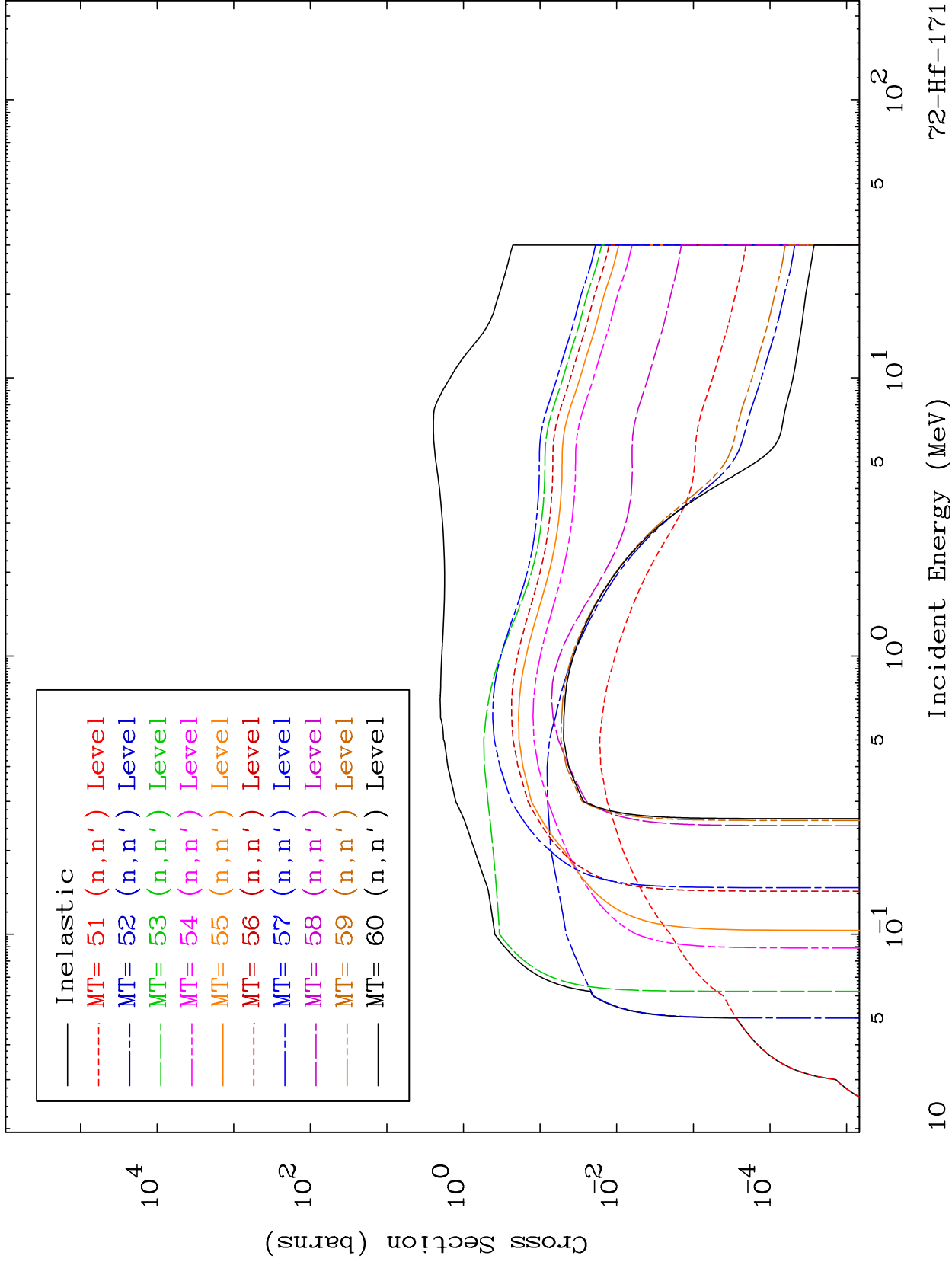
72-Hf-171



MAT 7216

293 Kelvin Cross Sections
(n,n') Levels

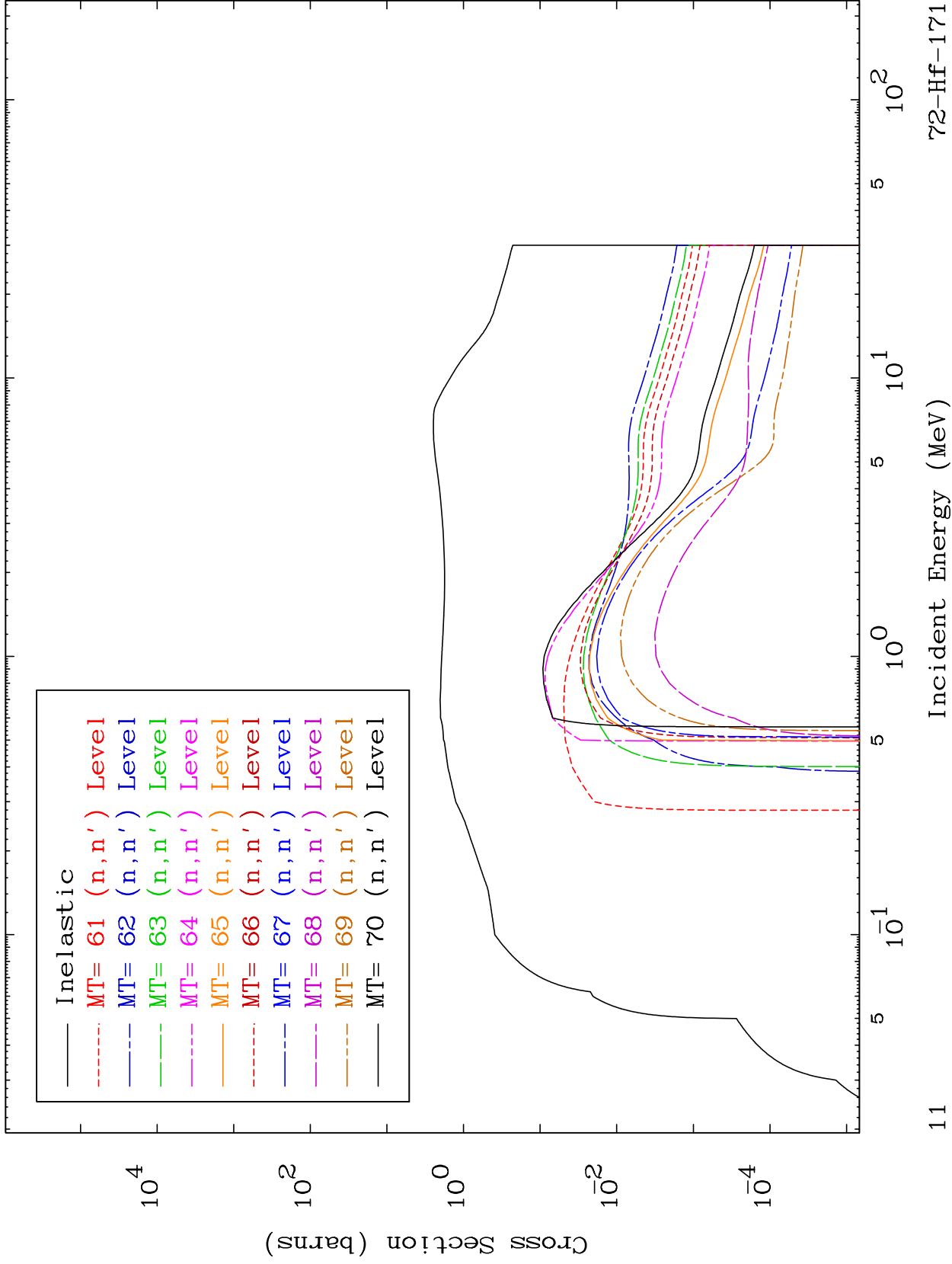
72-Hf-171



10

Incident Energy (MeV)

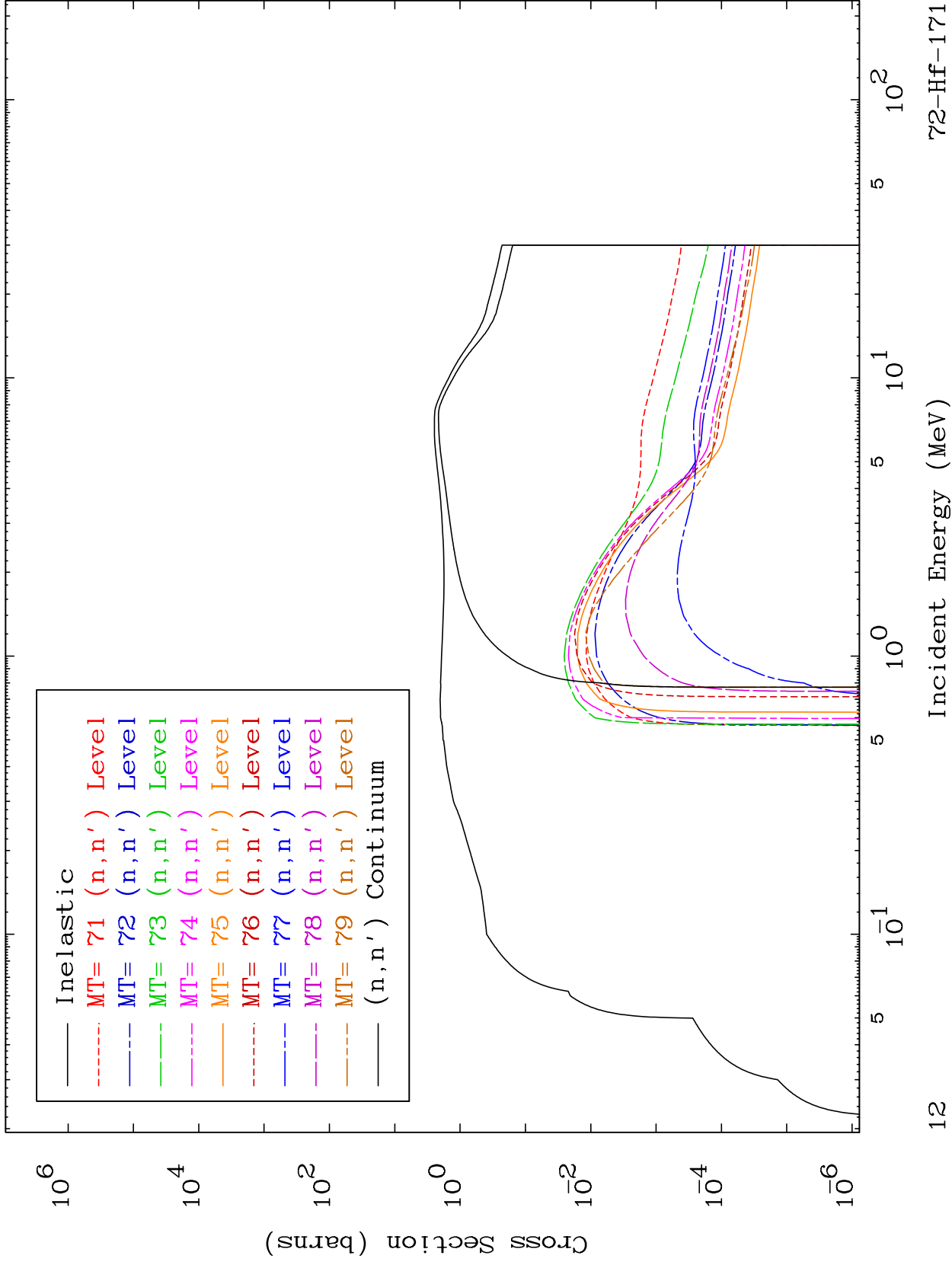
72-Hf-171



MAT 7216

(n,n') Levels
293 Kelvin Cross Sections

72-Hf-171



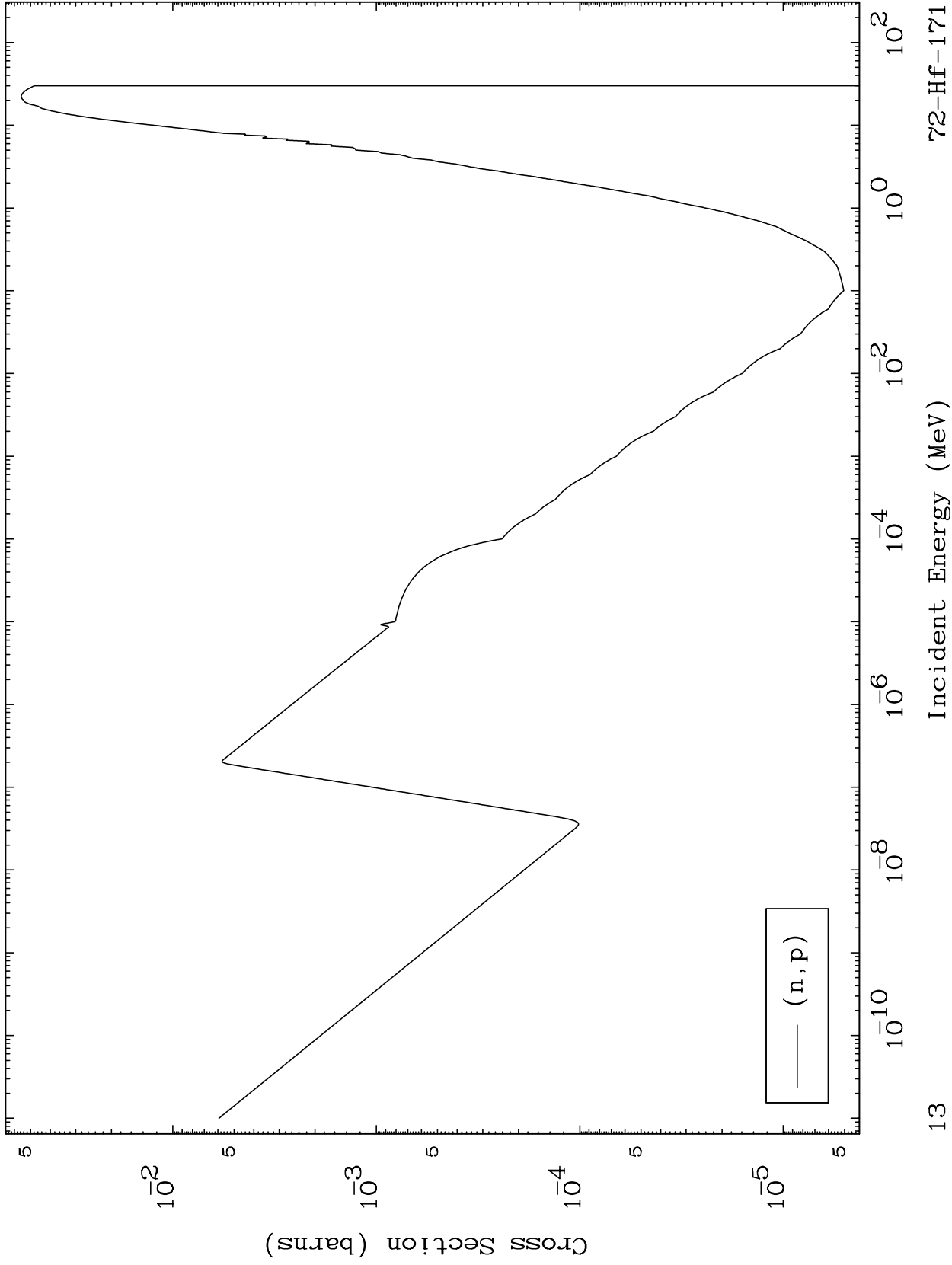
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72-Hf-171

MAT 7216

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-171



13

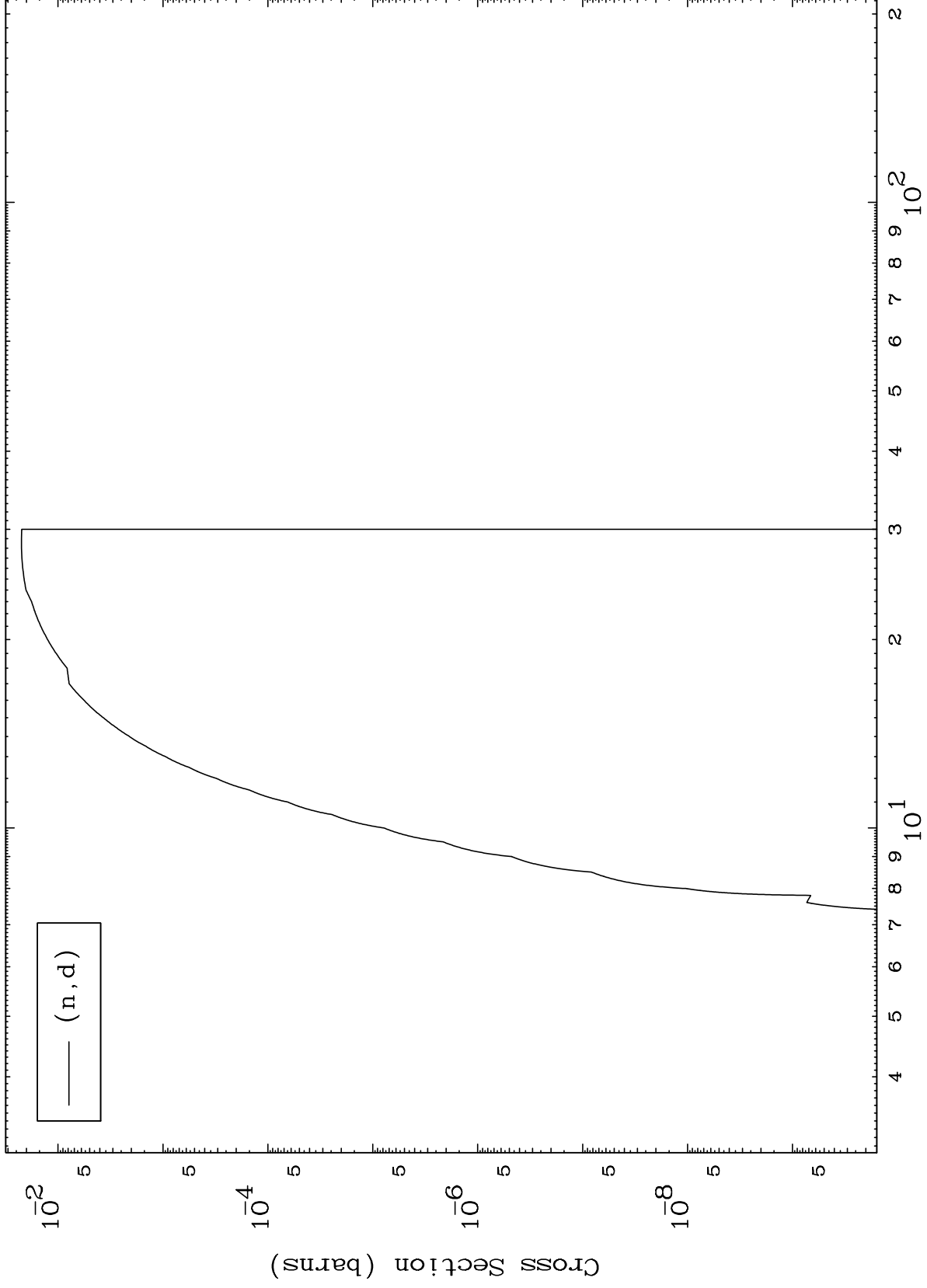
Incident Energy (MeV)

72-Hf-171

MAT 7216

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-171



14

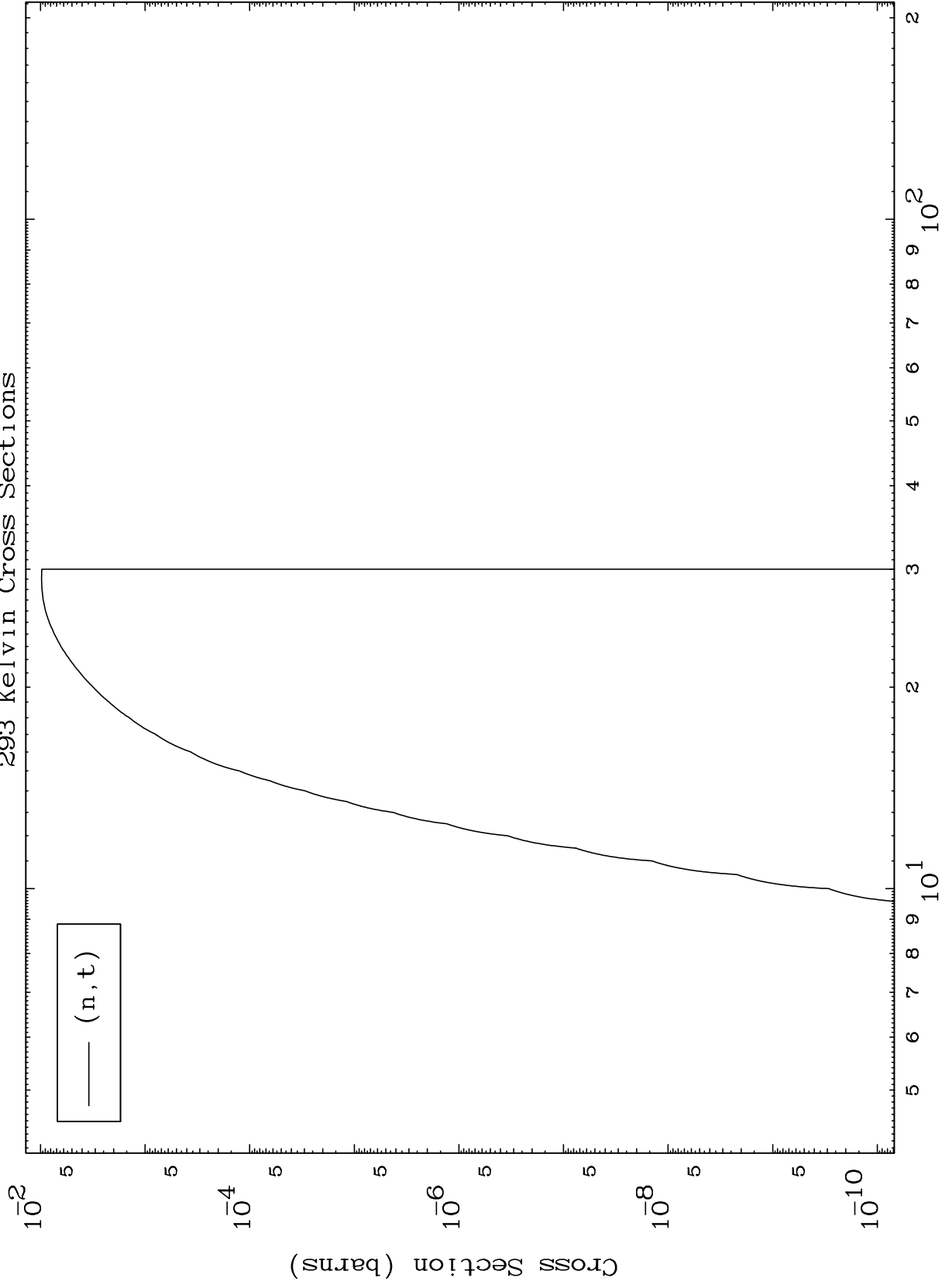
Incident Energy (MeV)

72-Hf-171

MAT 7216

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-171



15

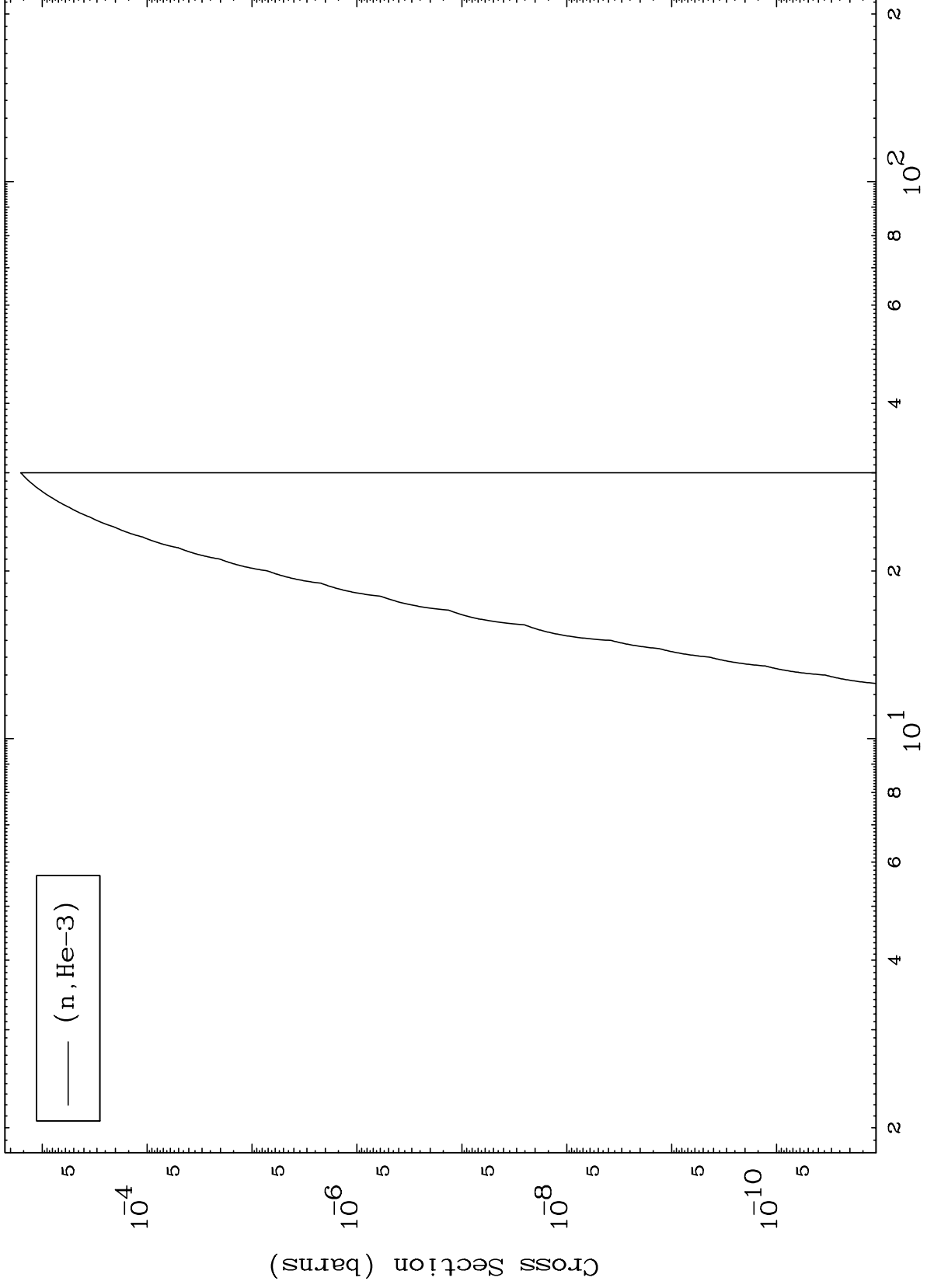
Incident Energy (MeV)

72-Hf-171

MAT 7216

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-171



16

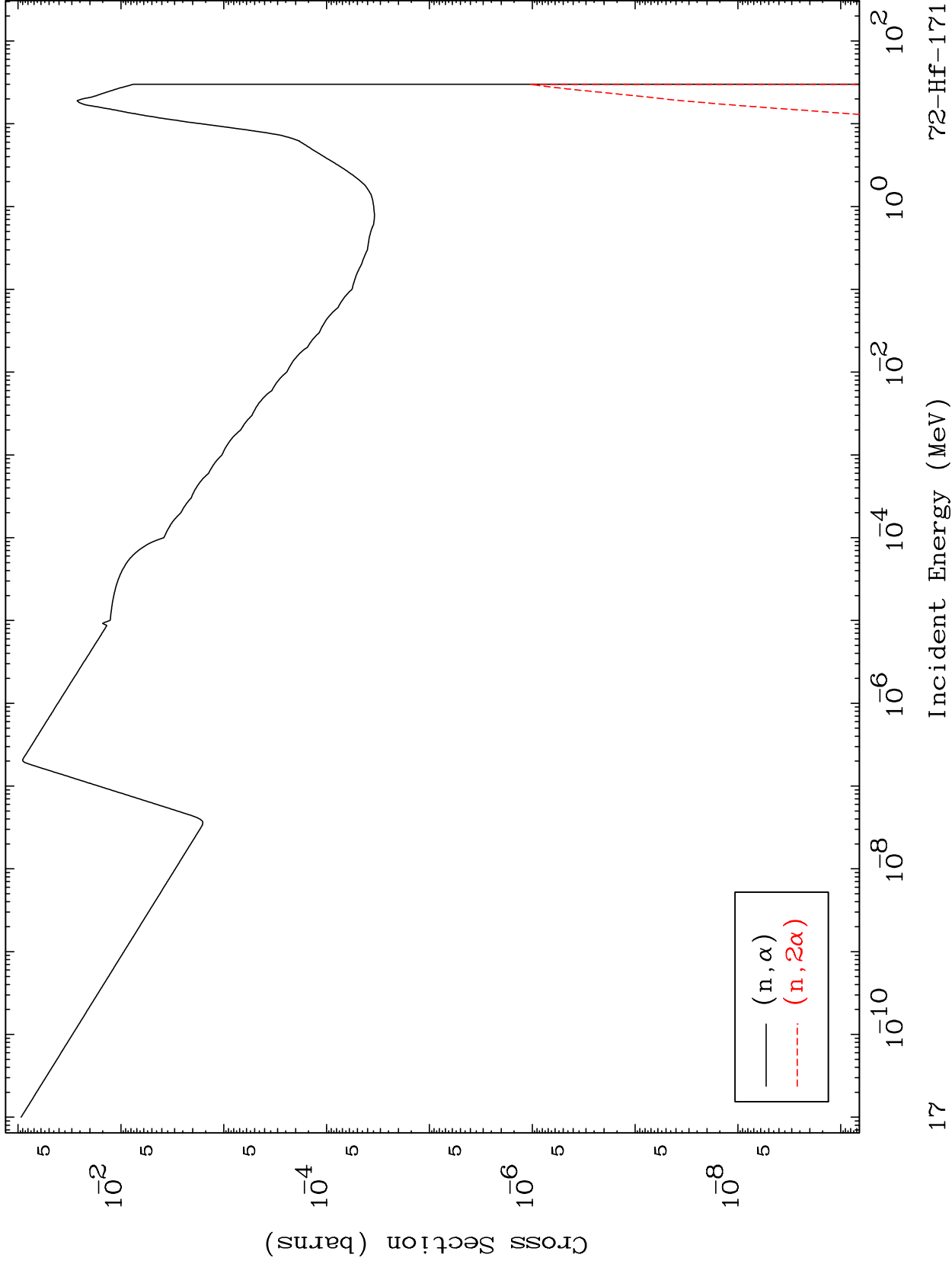
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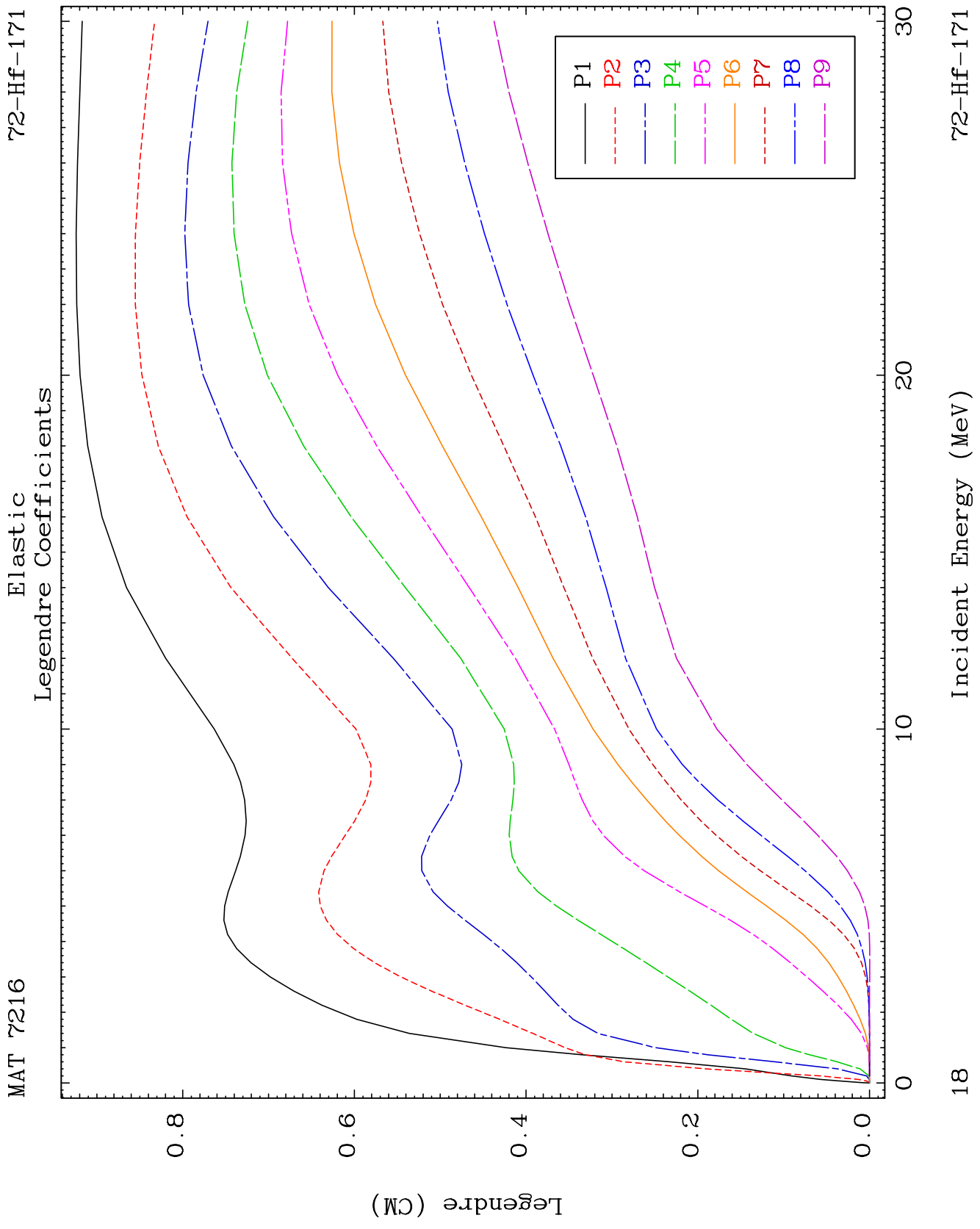
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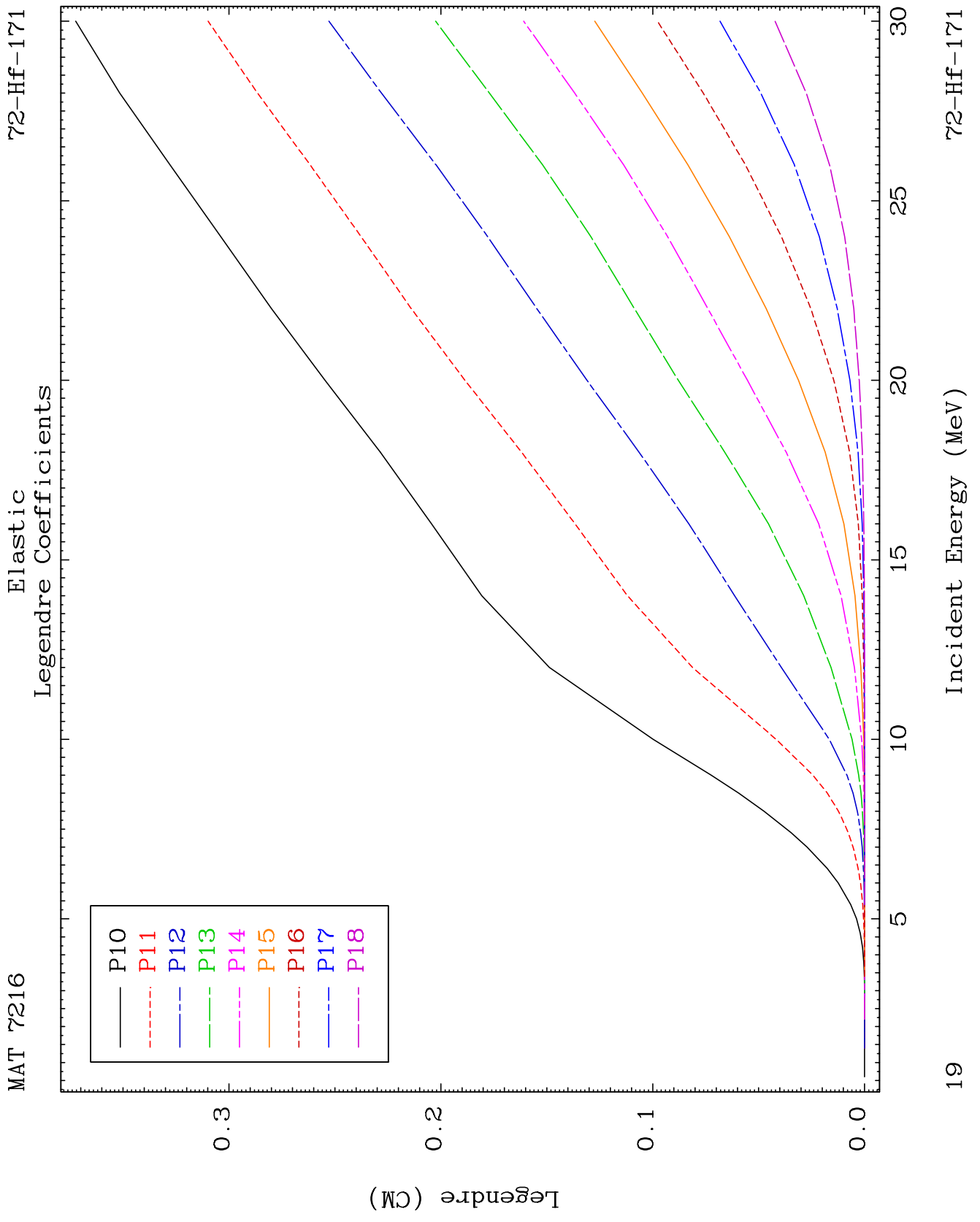
MAT 7216

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-171



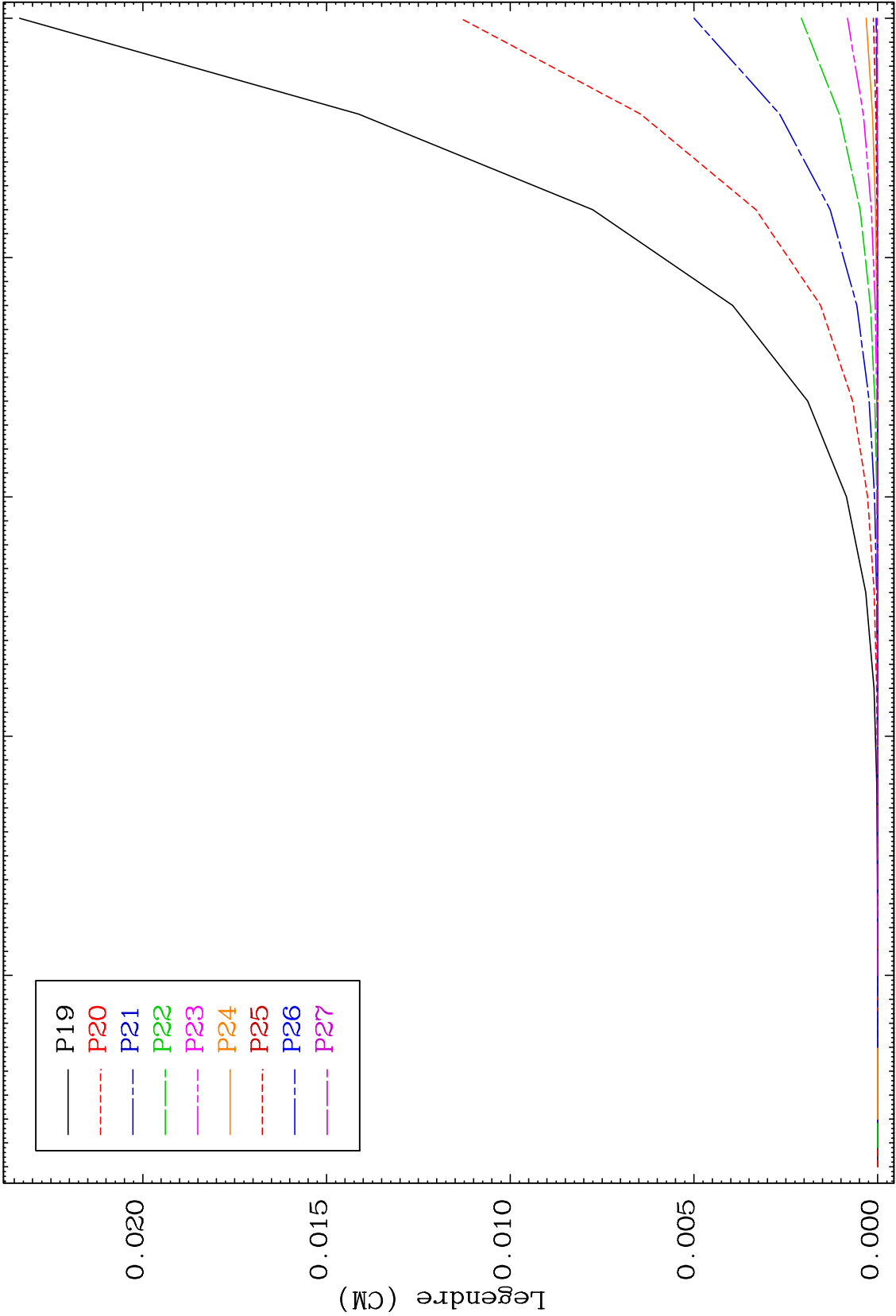




MAT 7216

Elastic
Legendre Coefficients

72-Hf-171



20

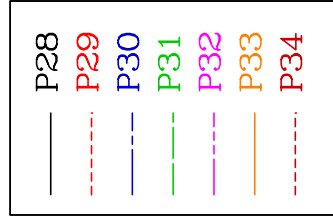
Incident Energy (MeV)

72-Hf-171

MAT 7216

Elastic
Legendre Coefficients

72-Hf-171



$\times 10^{-6}$

Legendre (CM)

4

3

2

1

0

15

20

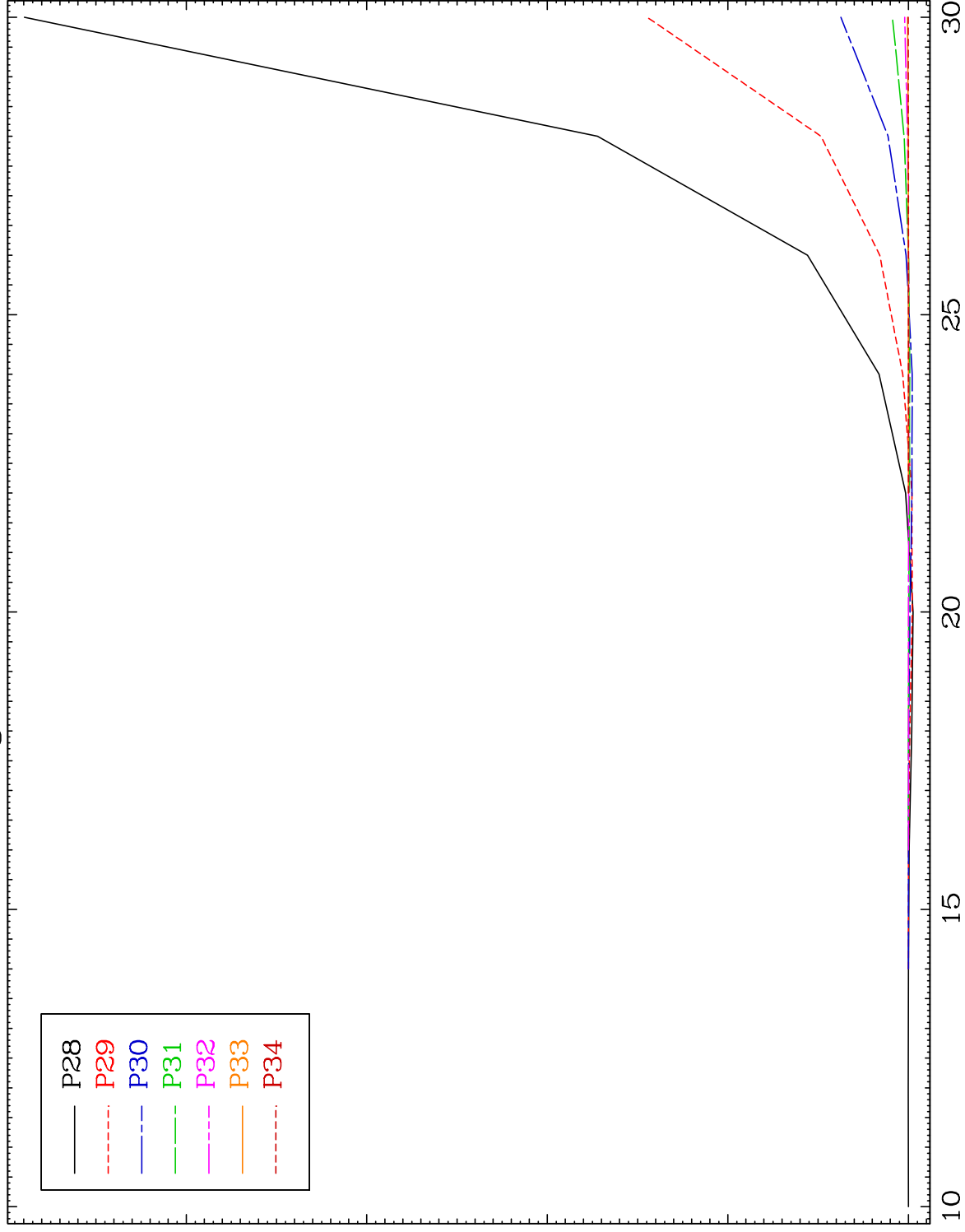
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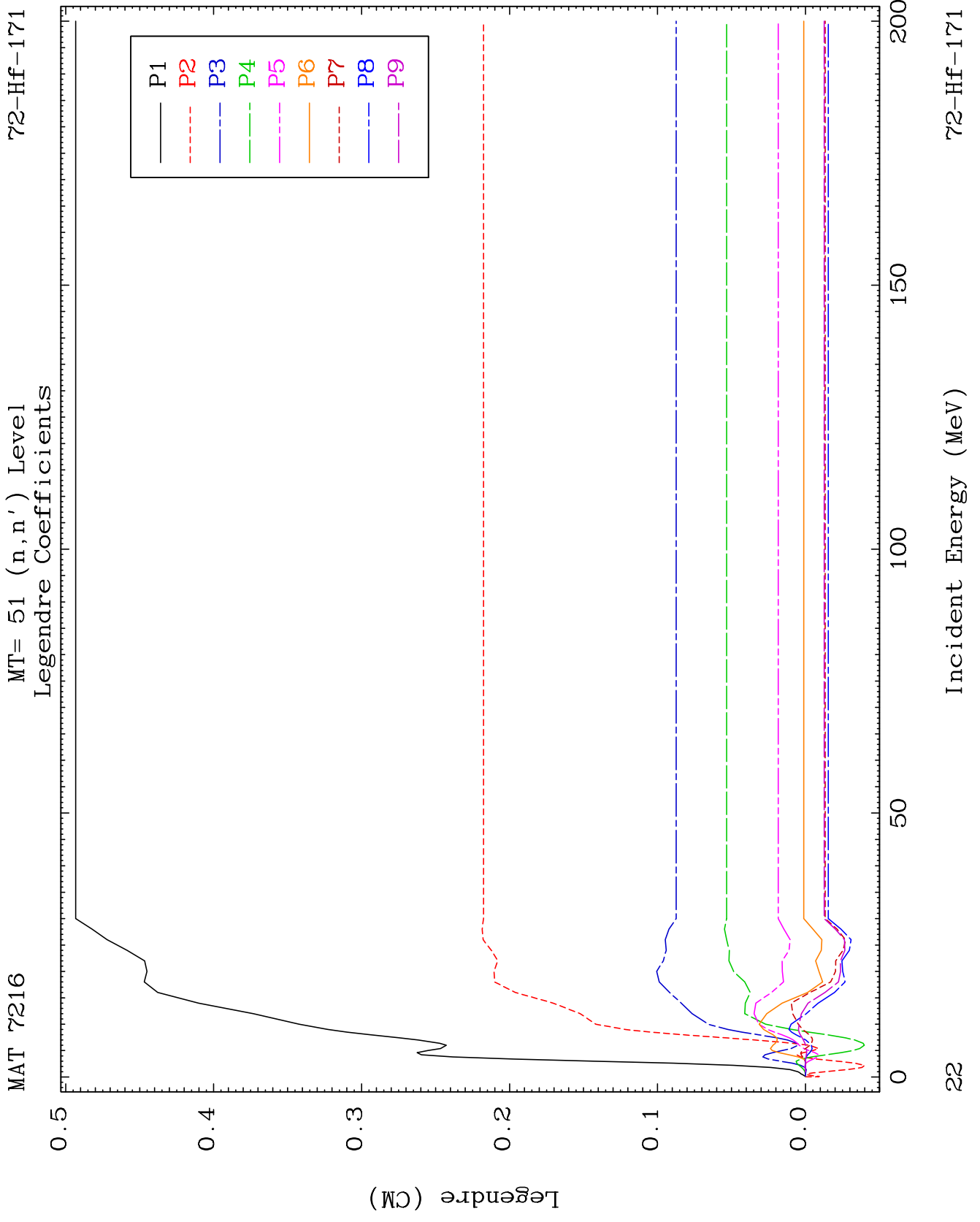
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21

Incident Energy (MeV)

72-Hf-171

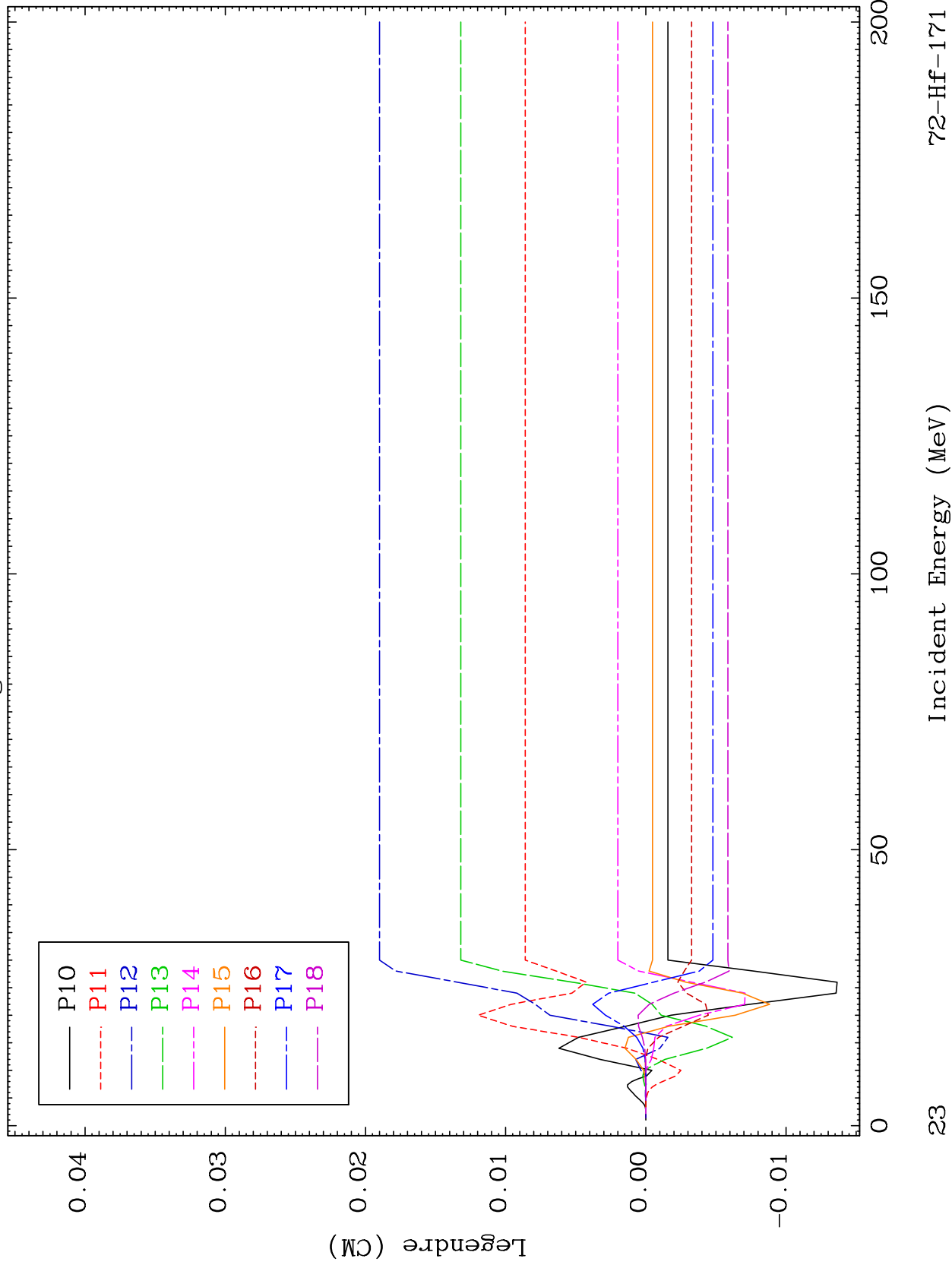




MAT 7216

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

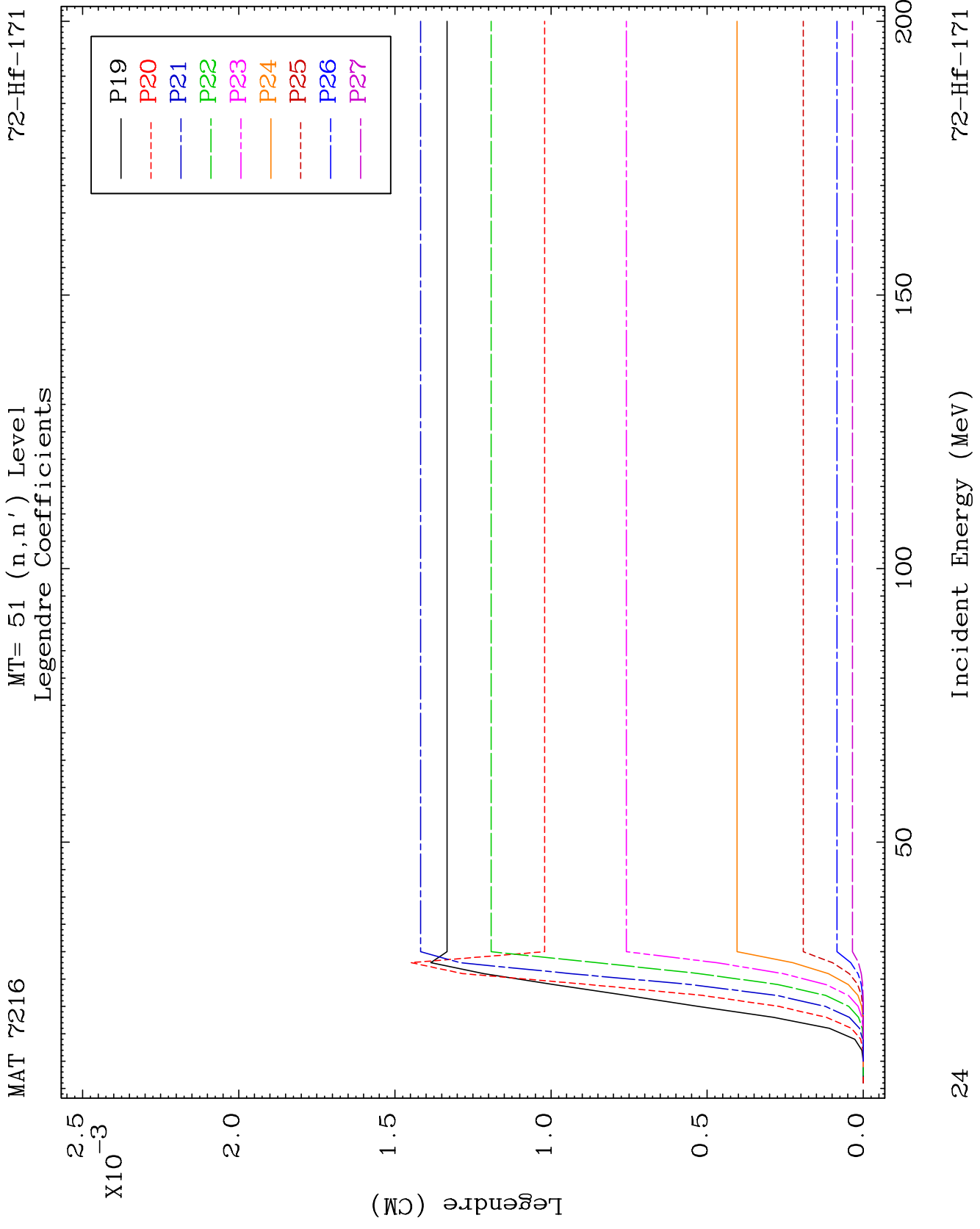
72-Hf-171

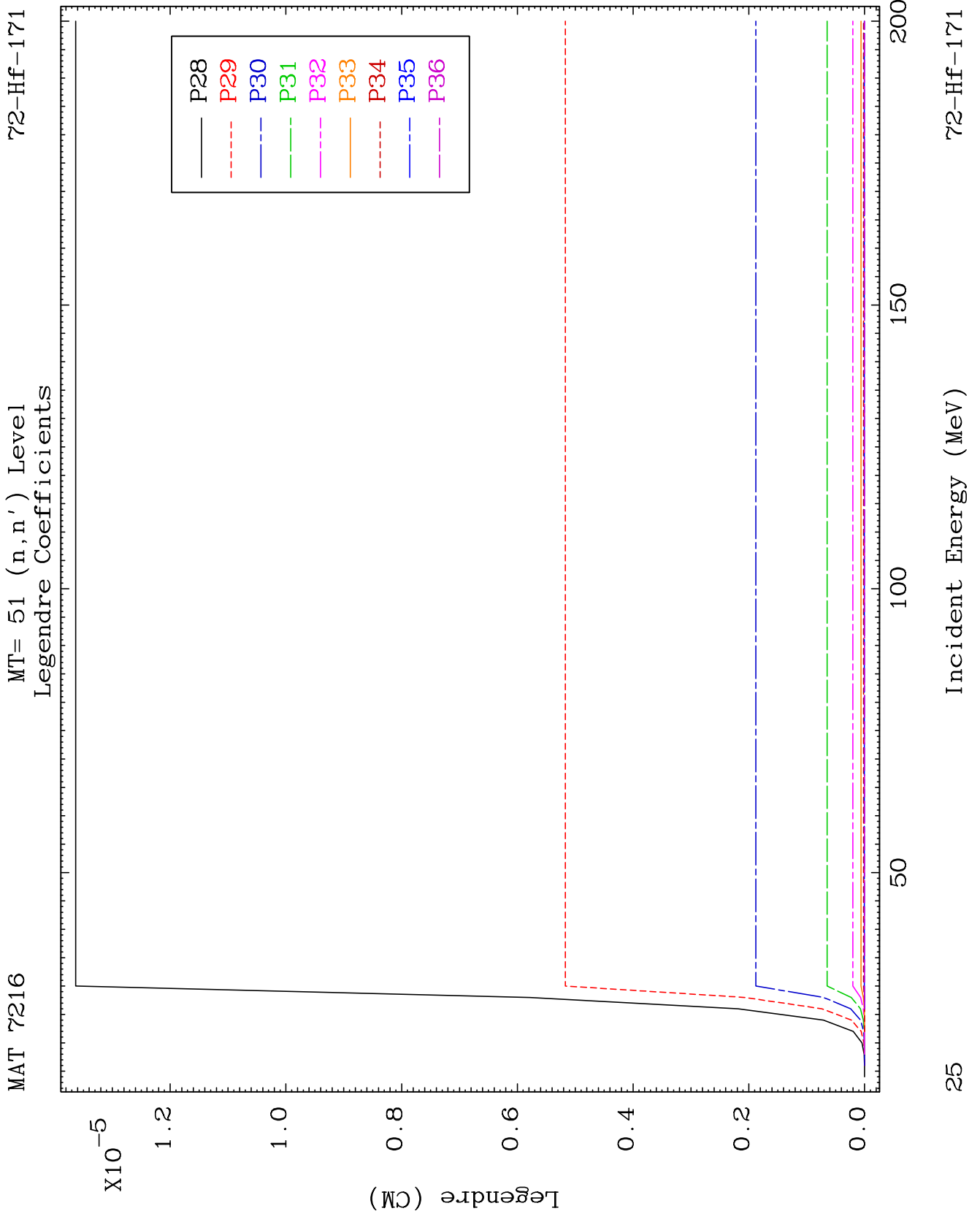


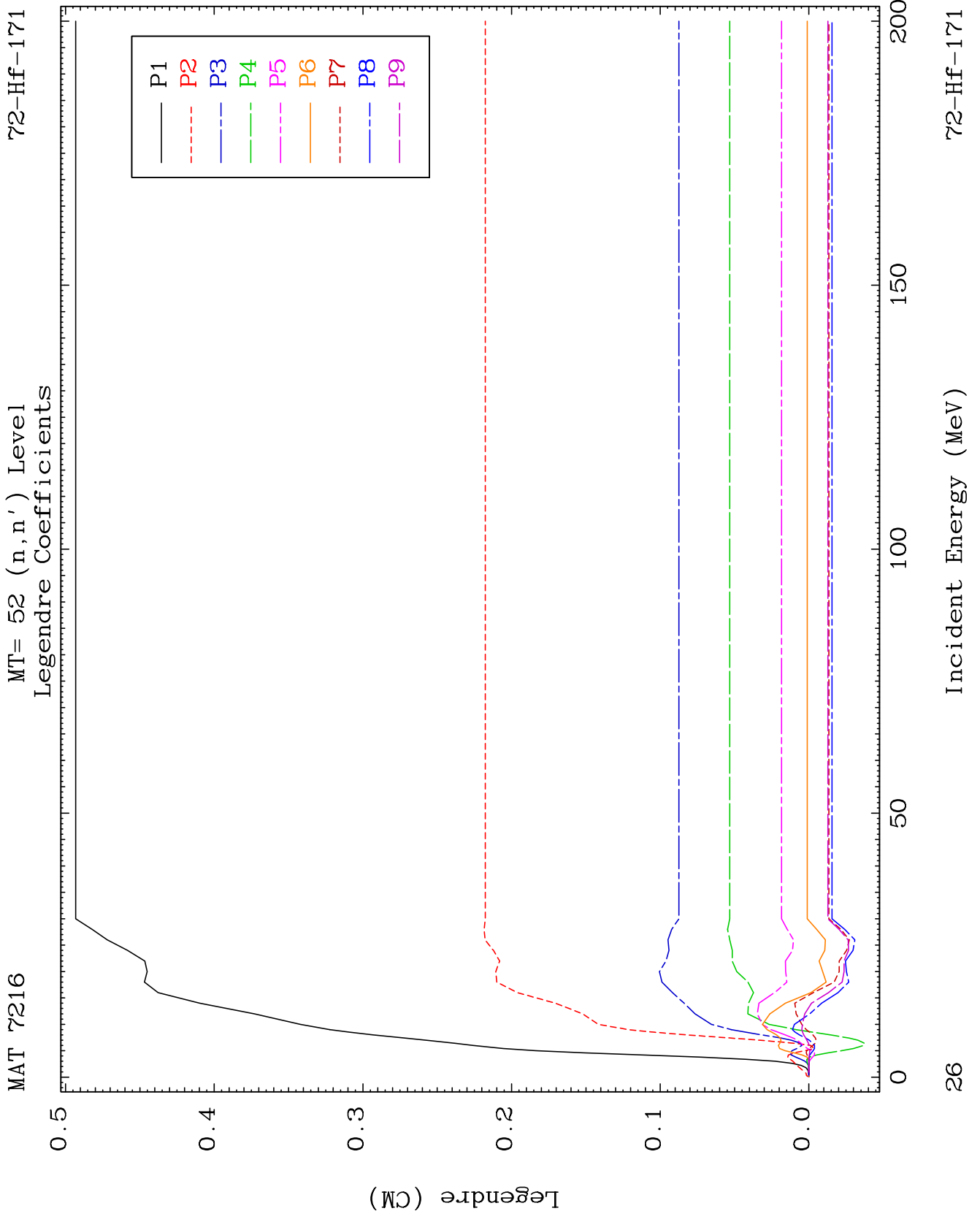
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Incident Energy (MeV)

72-Hf-171



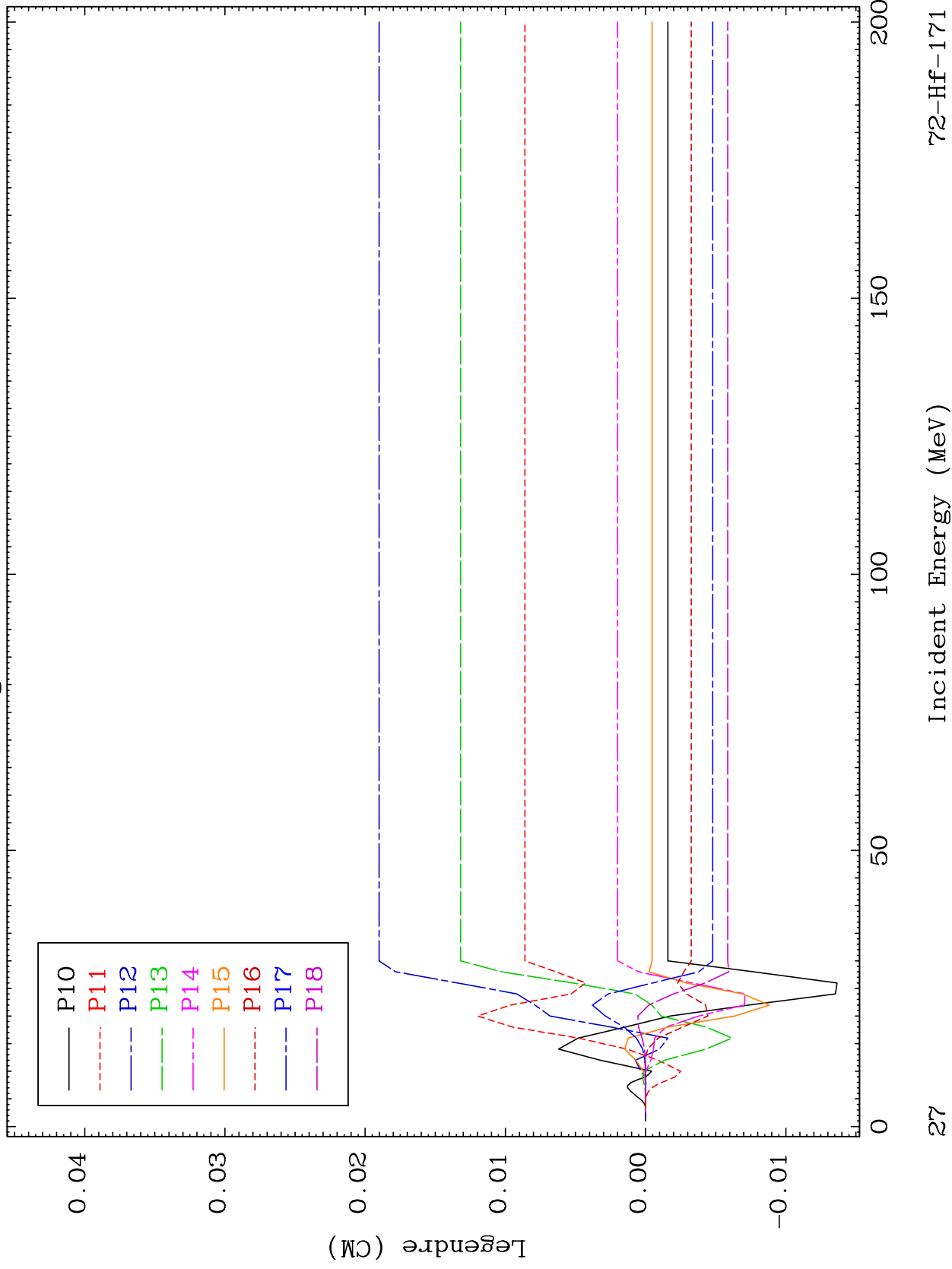




MAT 7216

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

72-Hf-171



27

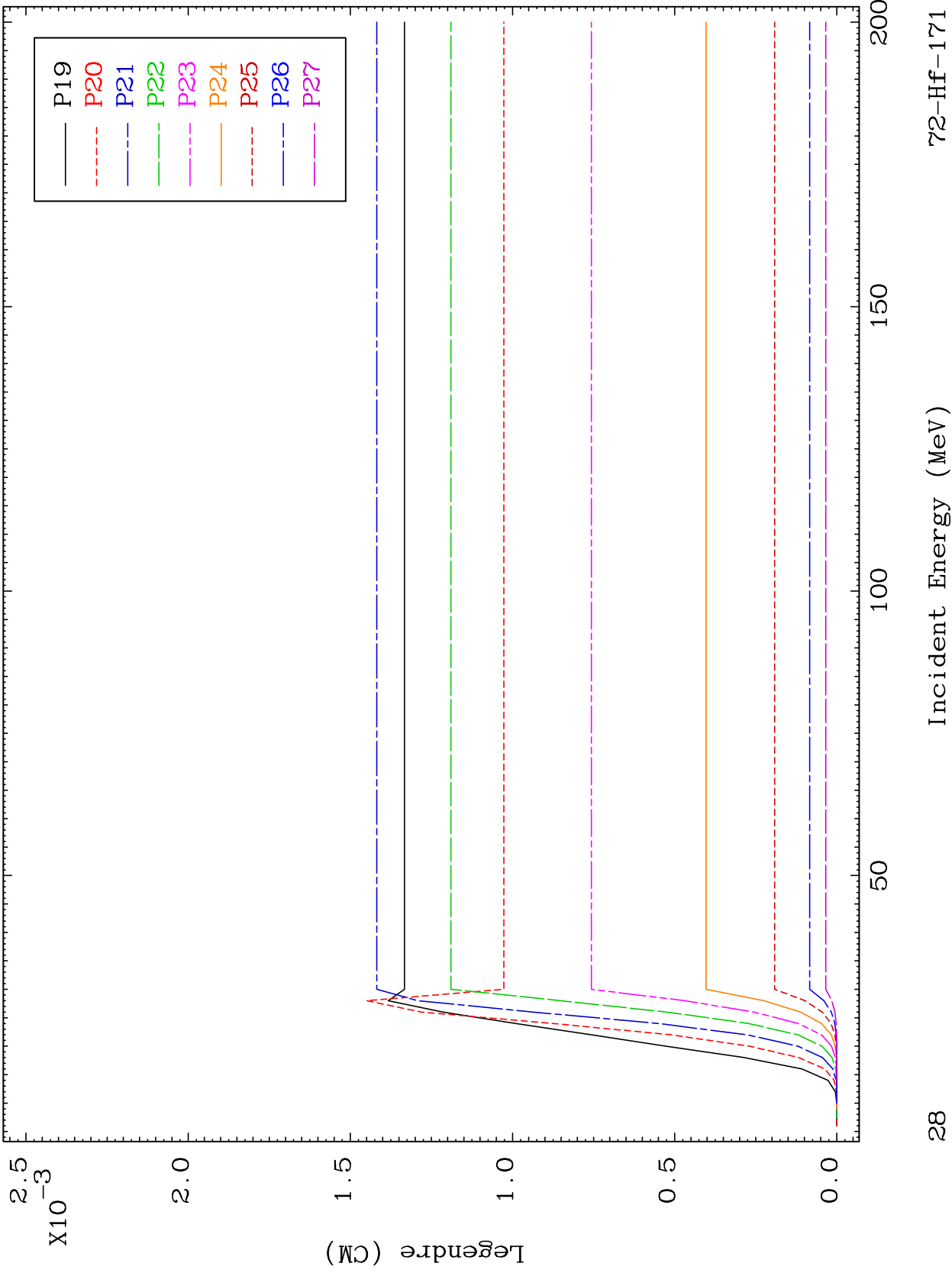
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



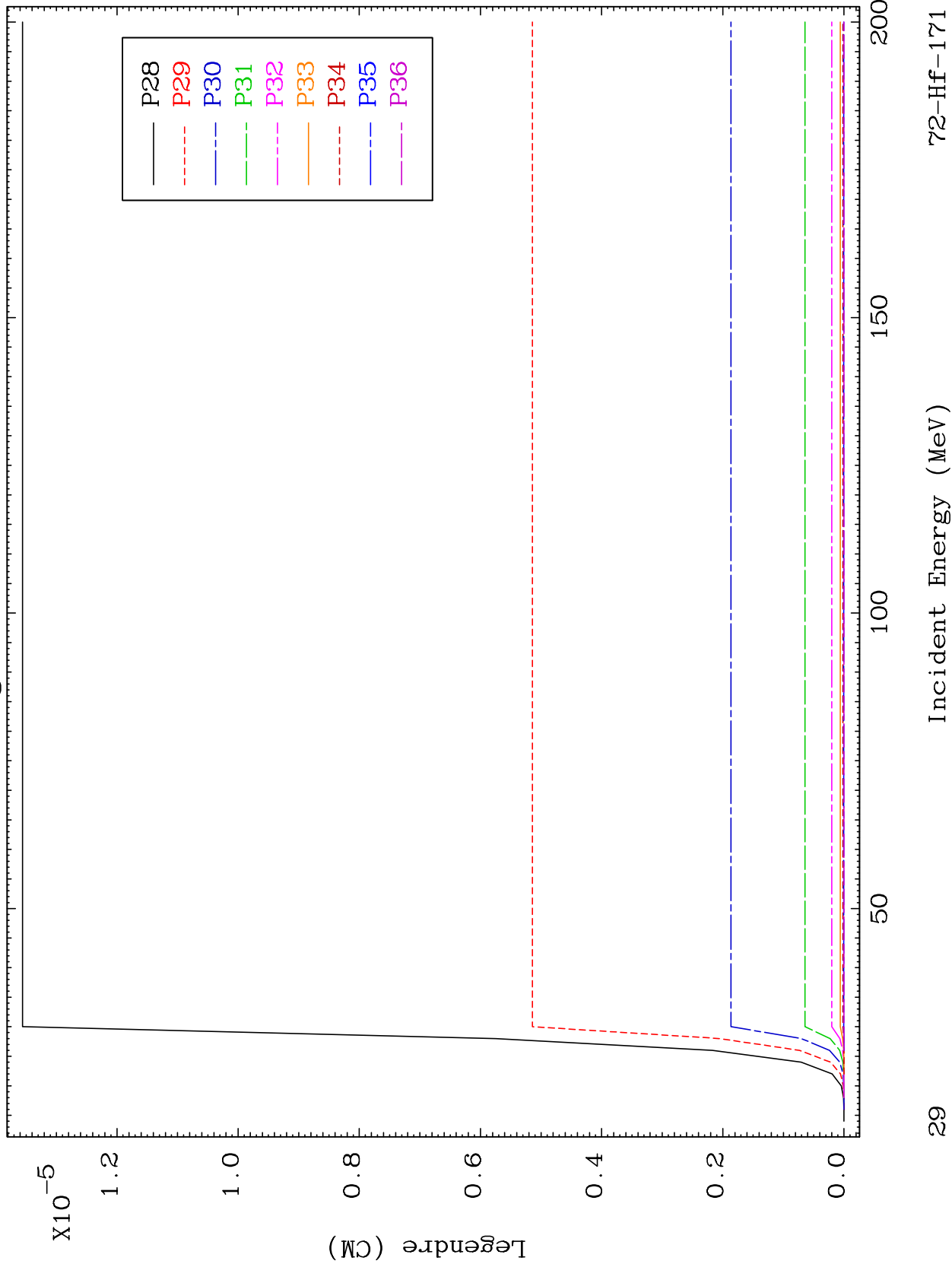
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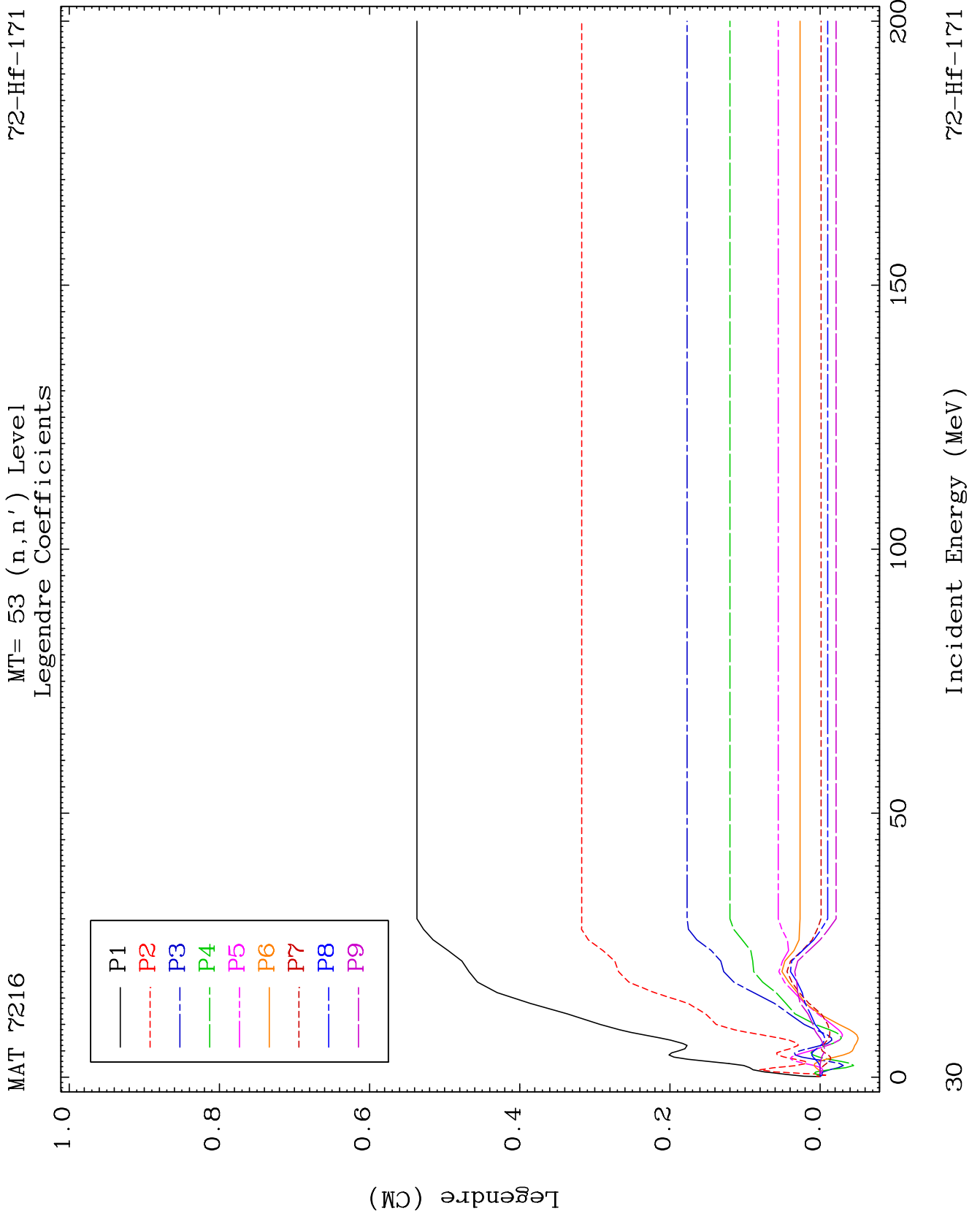
72-Hf-171

MAT 7216

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

72-Hf-171

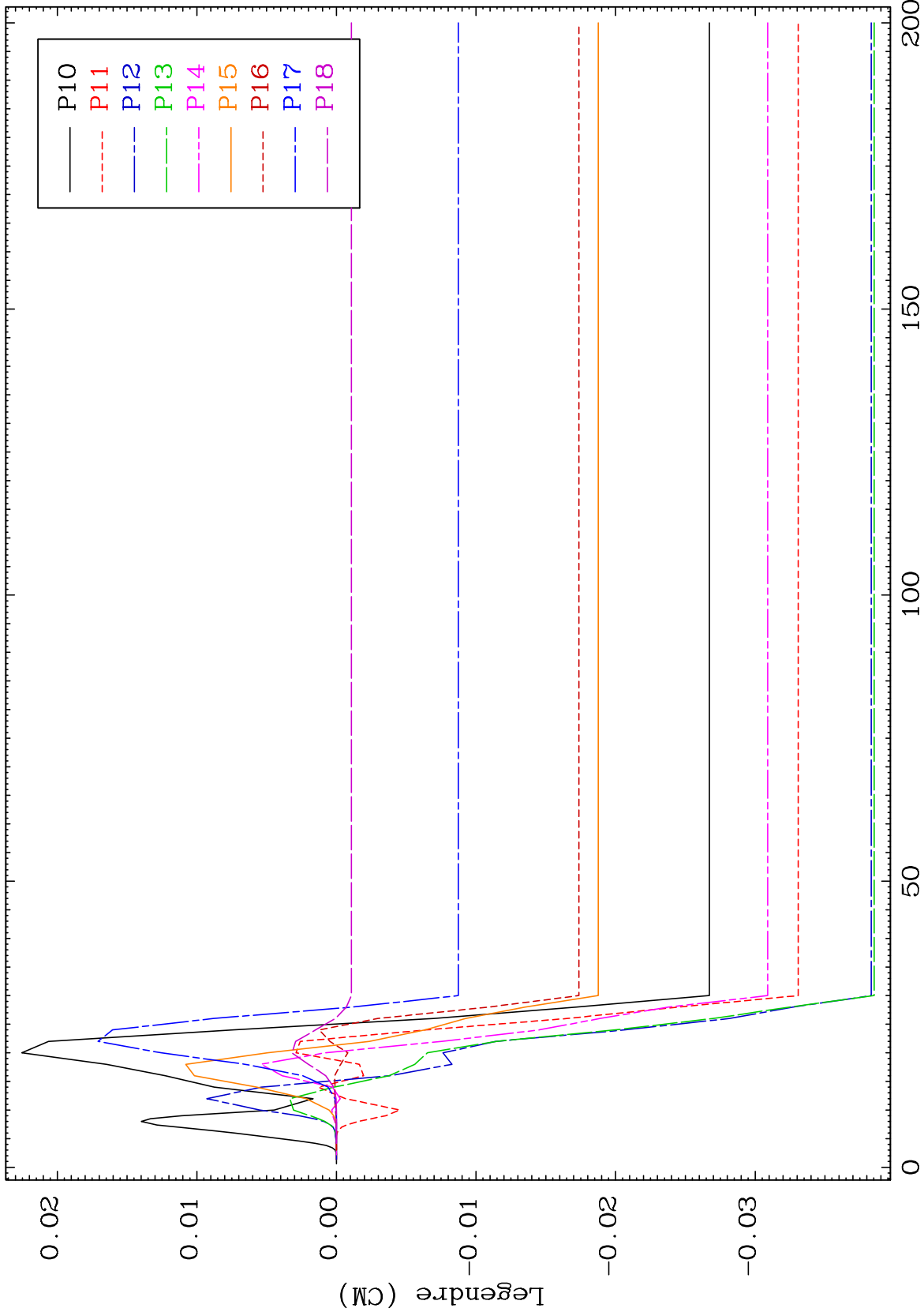




MAT 7216

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

72-Hf-171



31

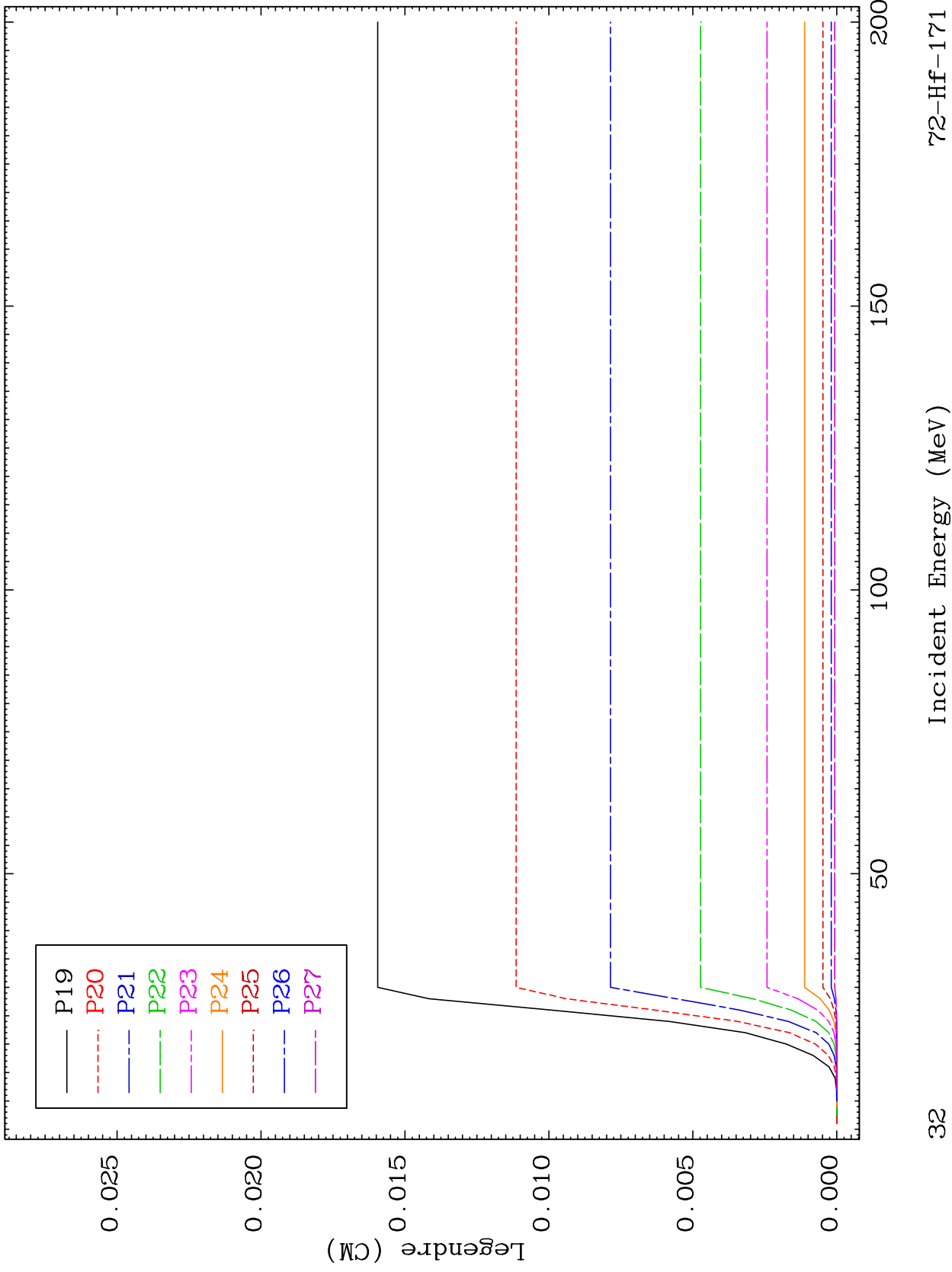
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

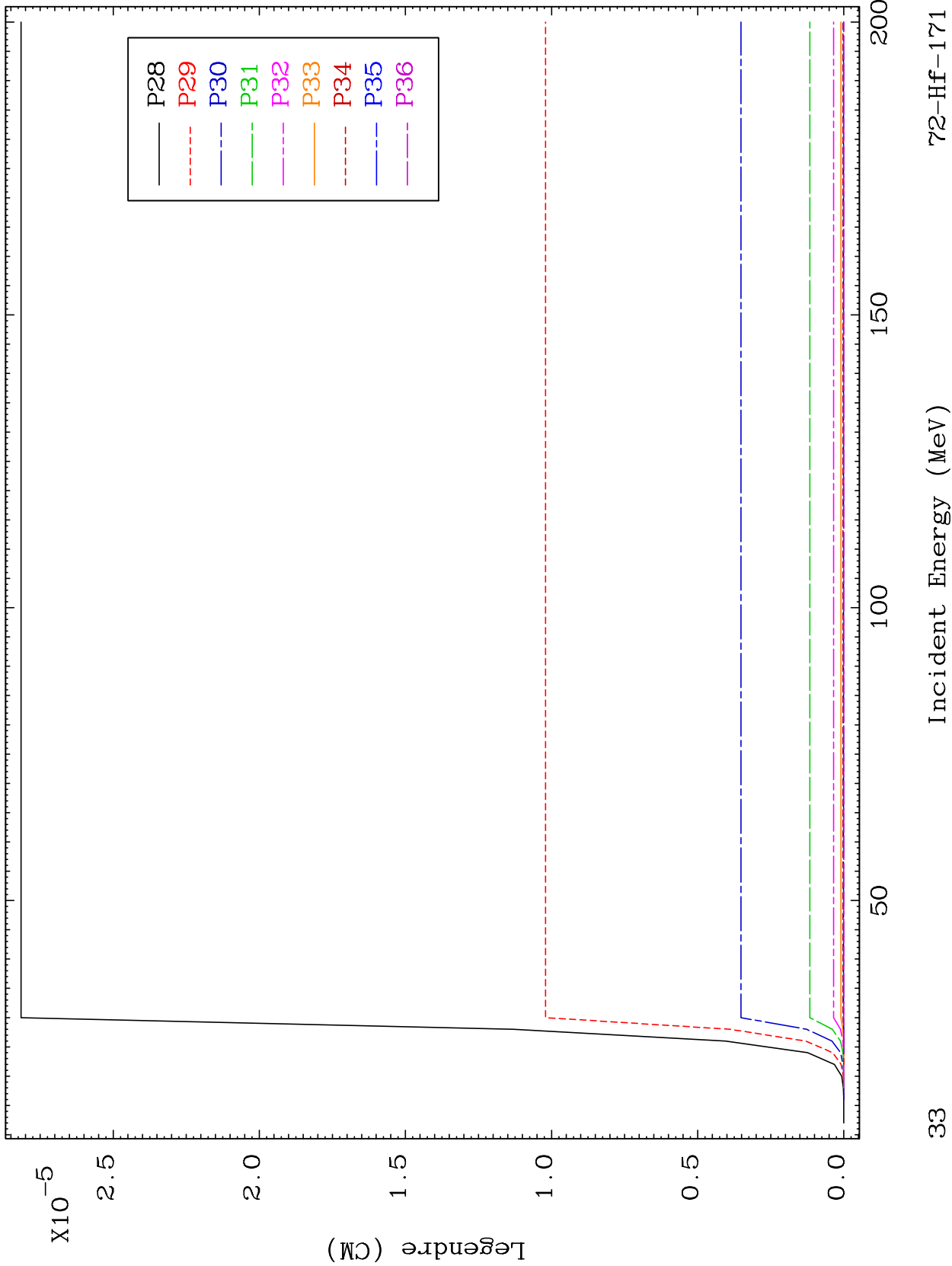
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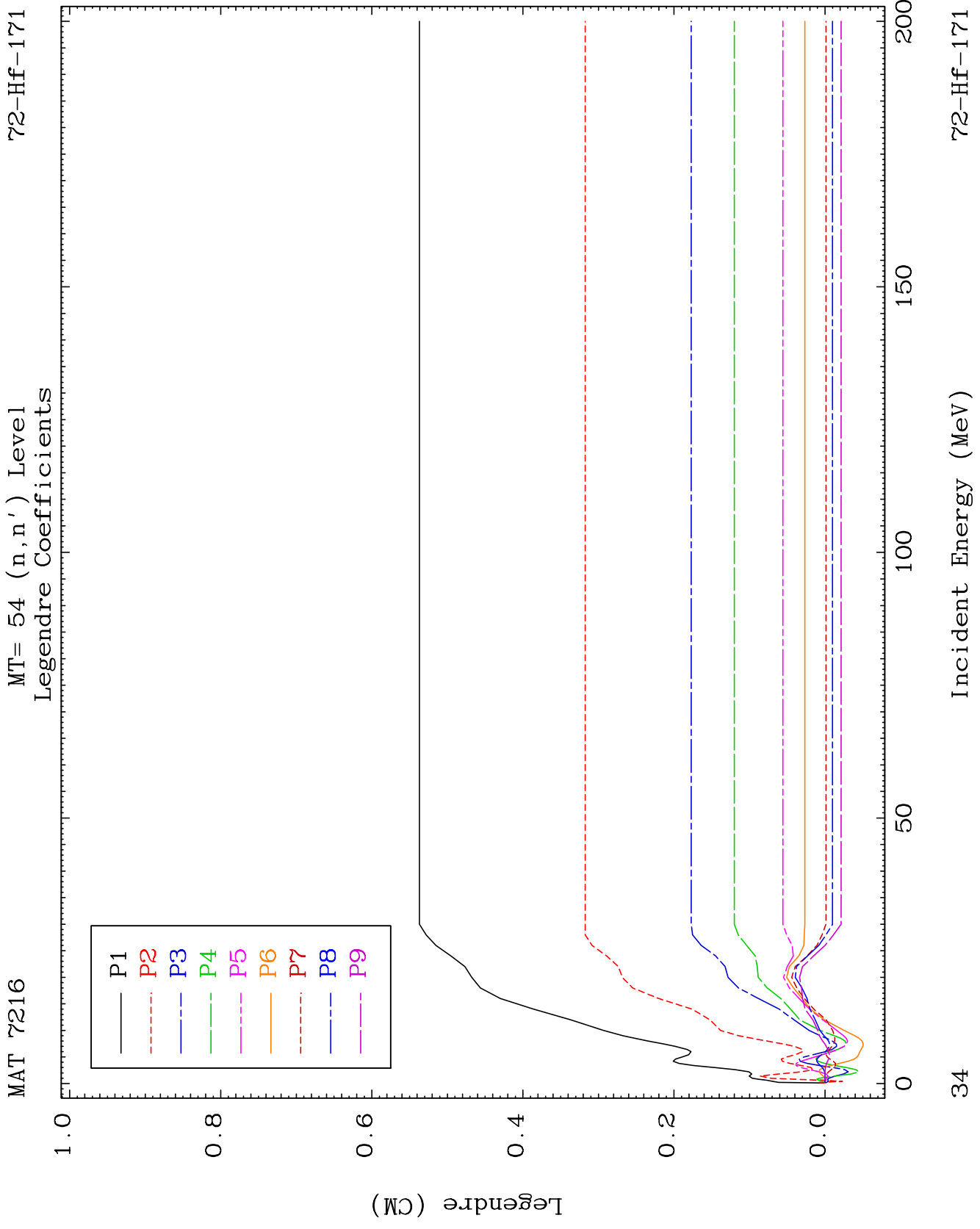


32

Incident Energy (MeV)

72-Hf-171

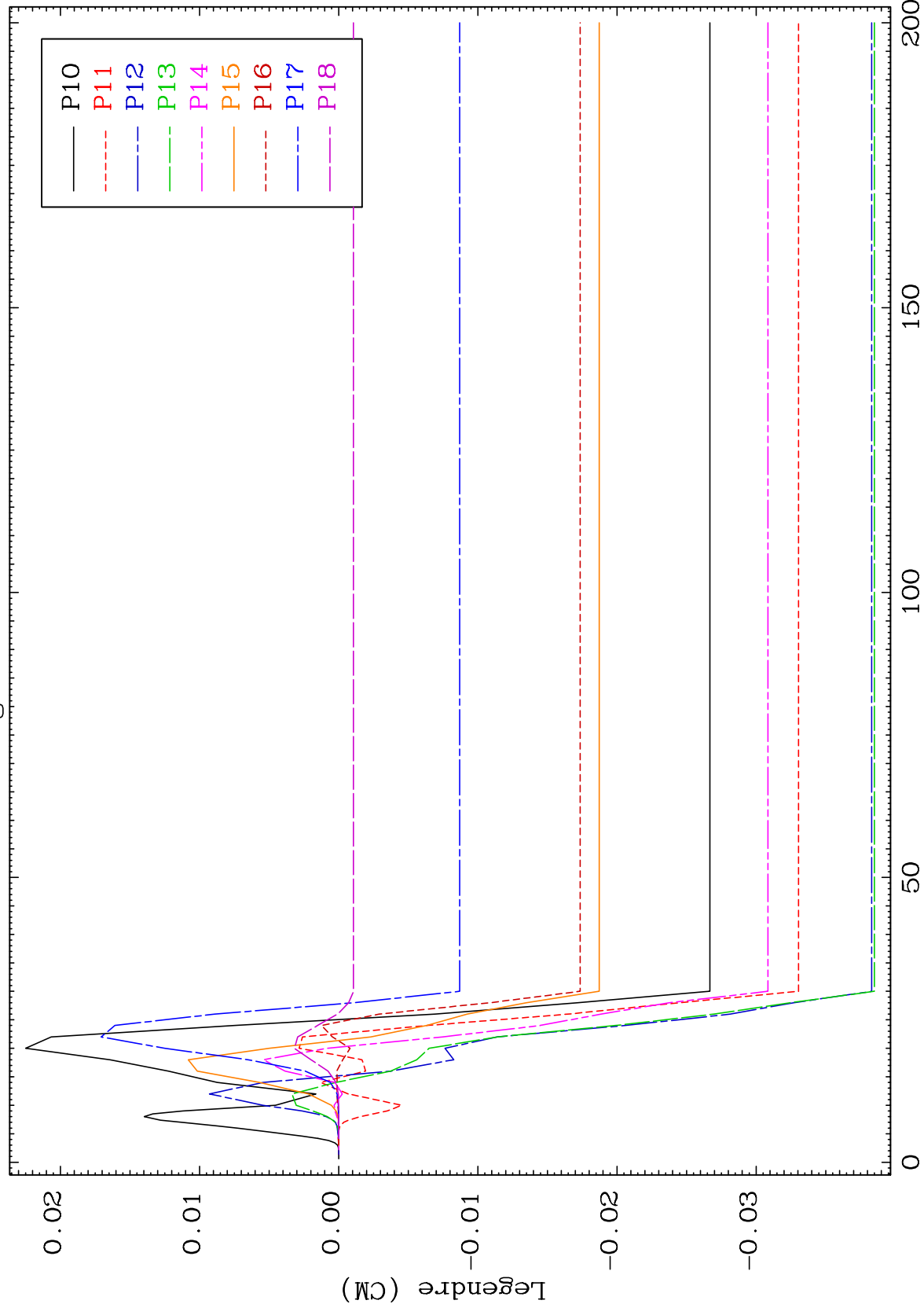




MAT 7216

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

72-Hf-171



35

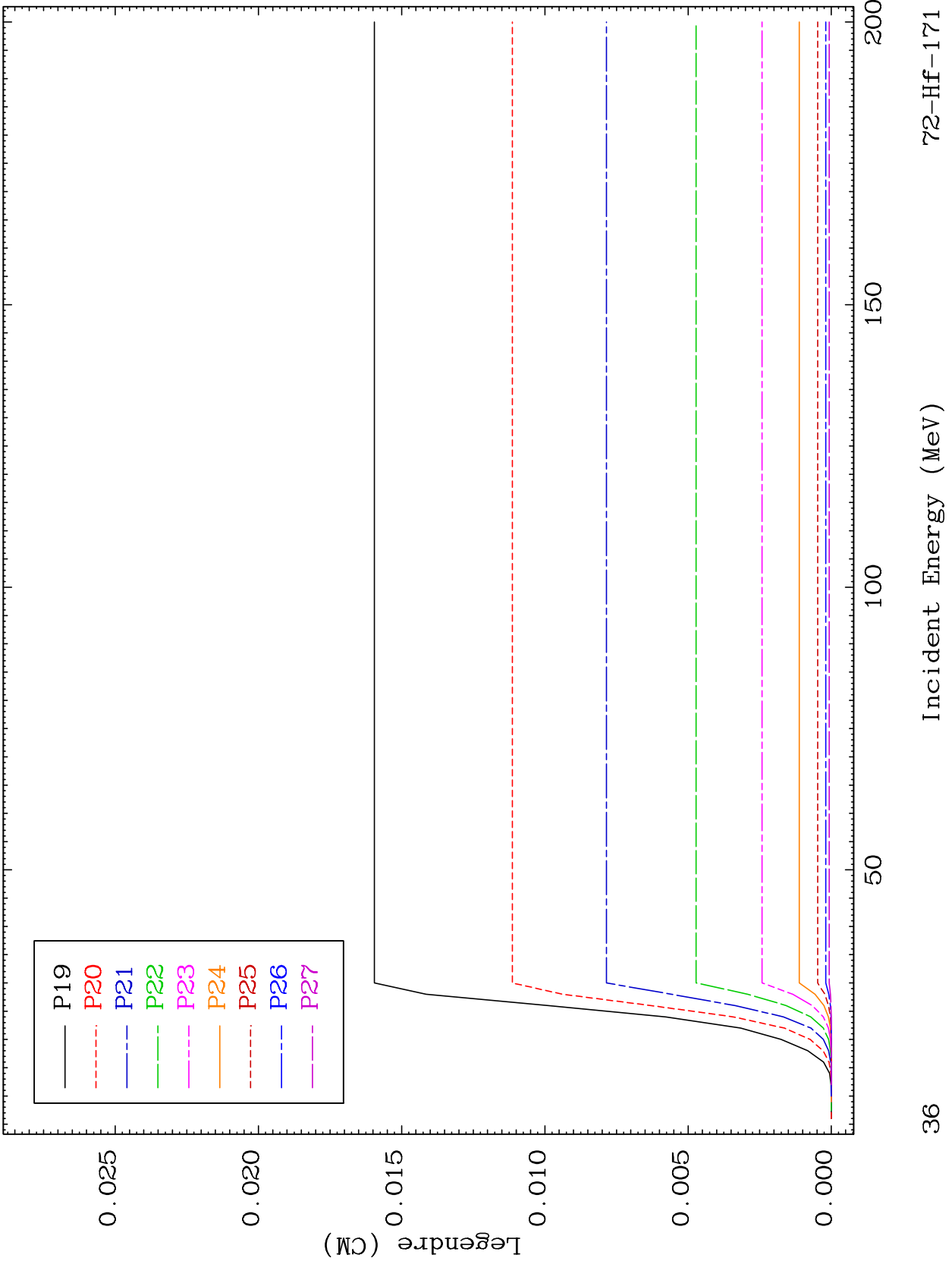
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

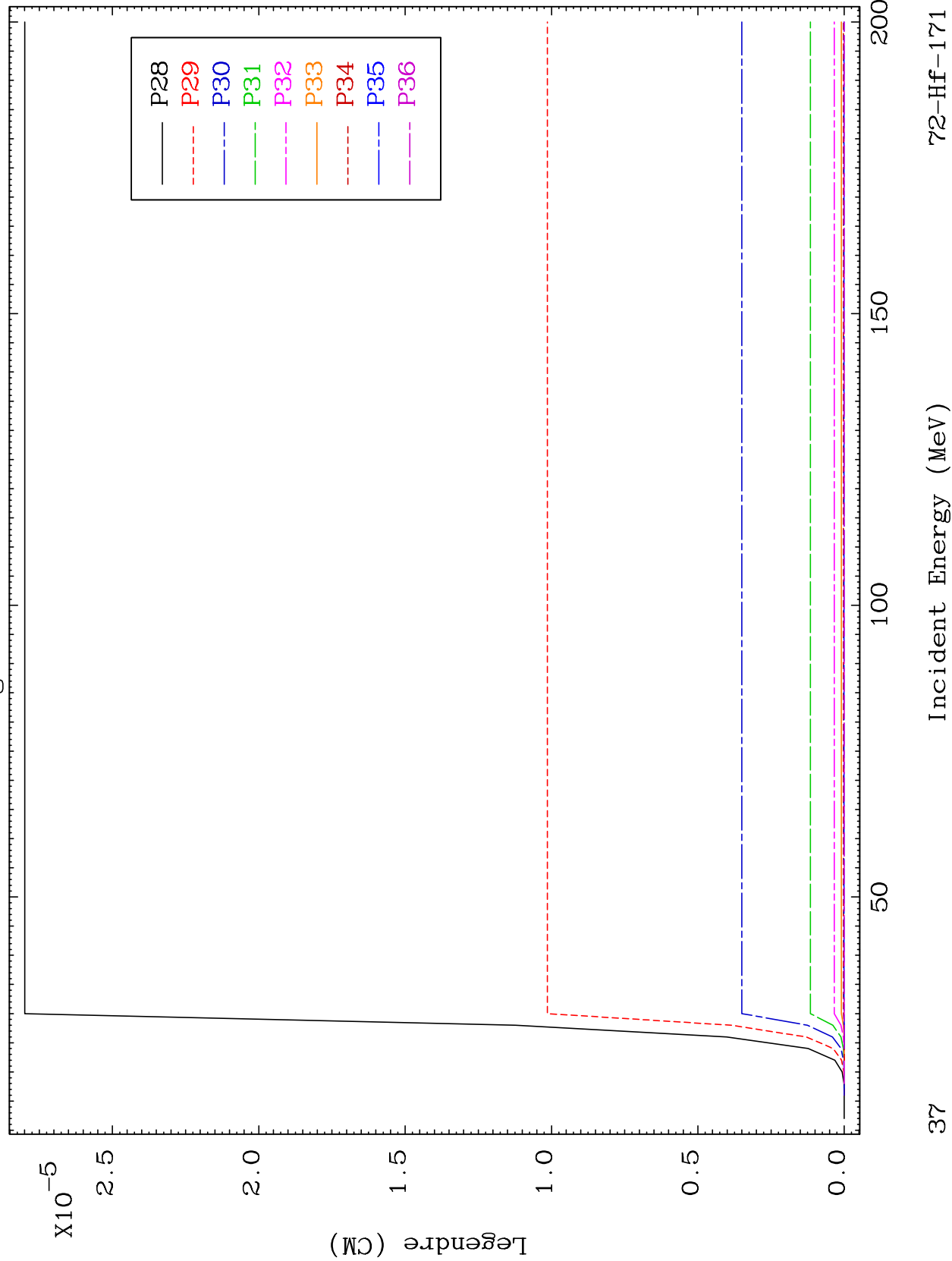
72-Hf-171



MAT 7216

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

72-Hf-171



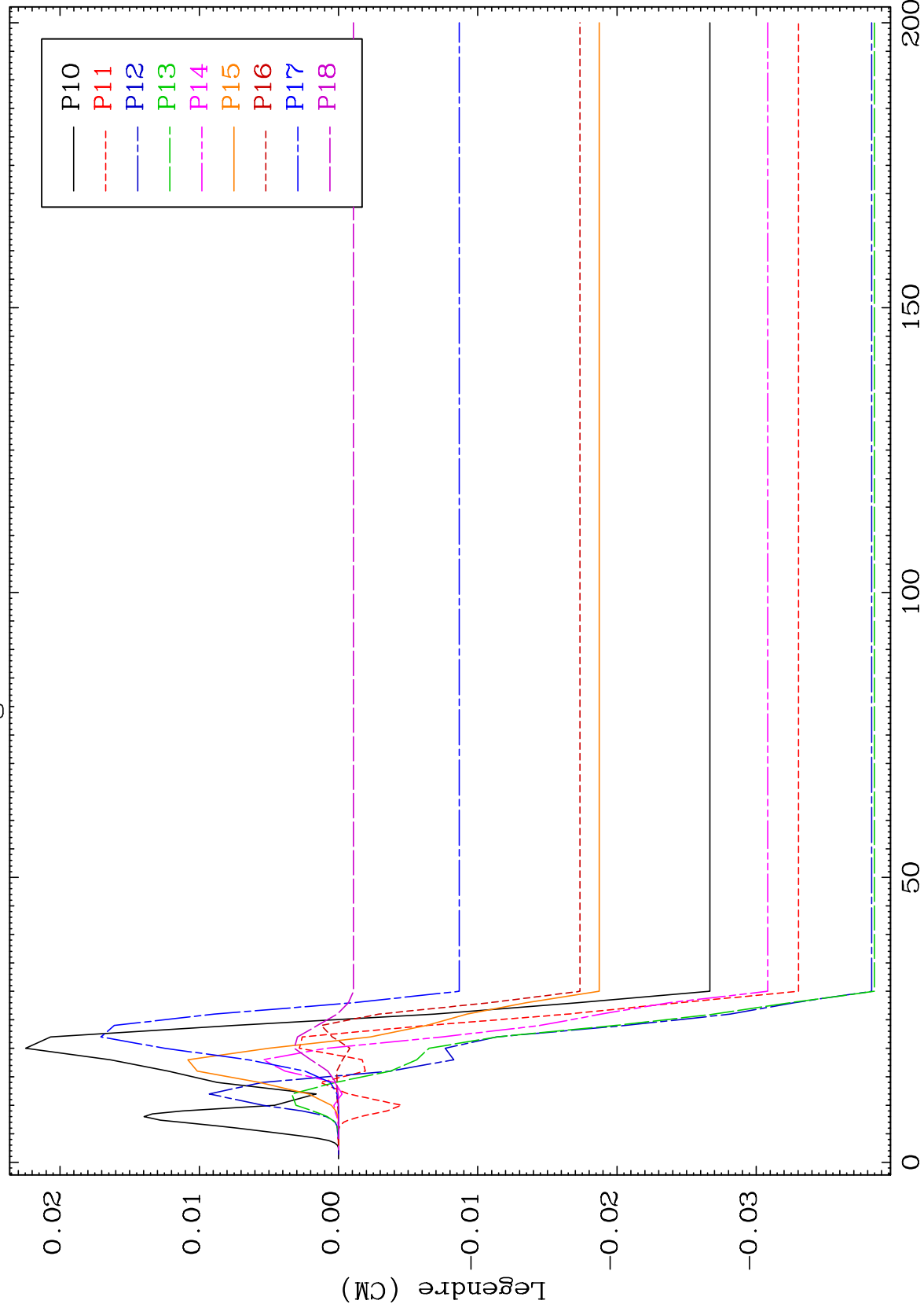
37

72-Hf-171

MAT 7216

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

72-Hf-171



39

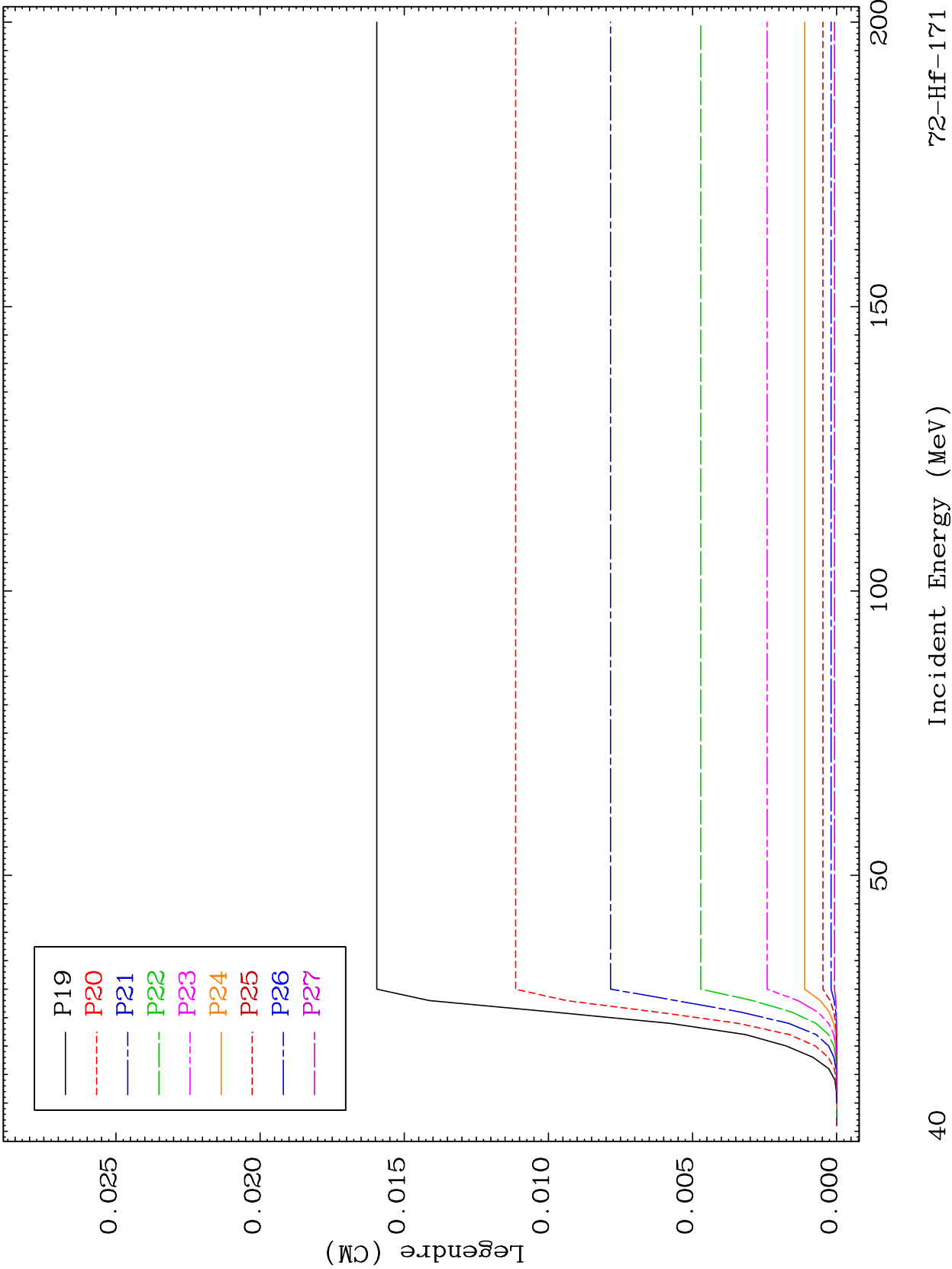
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



72-Hf-171

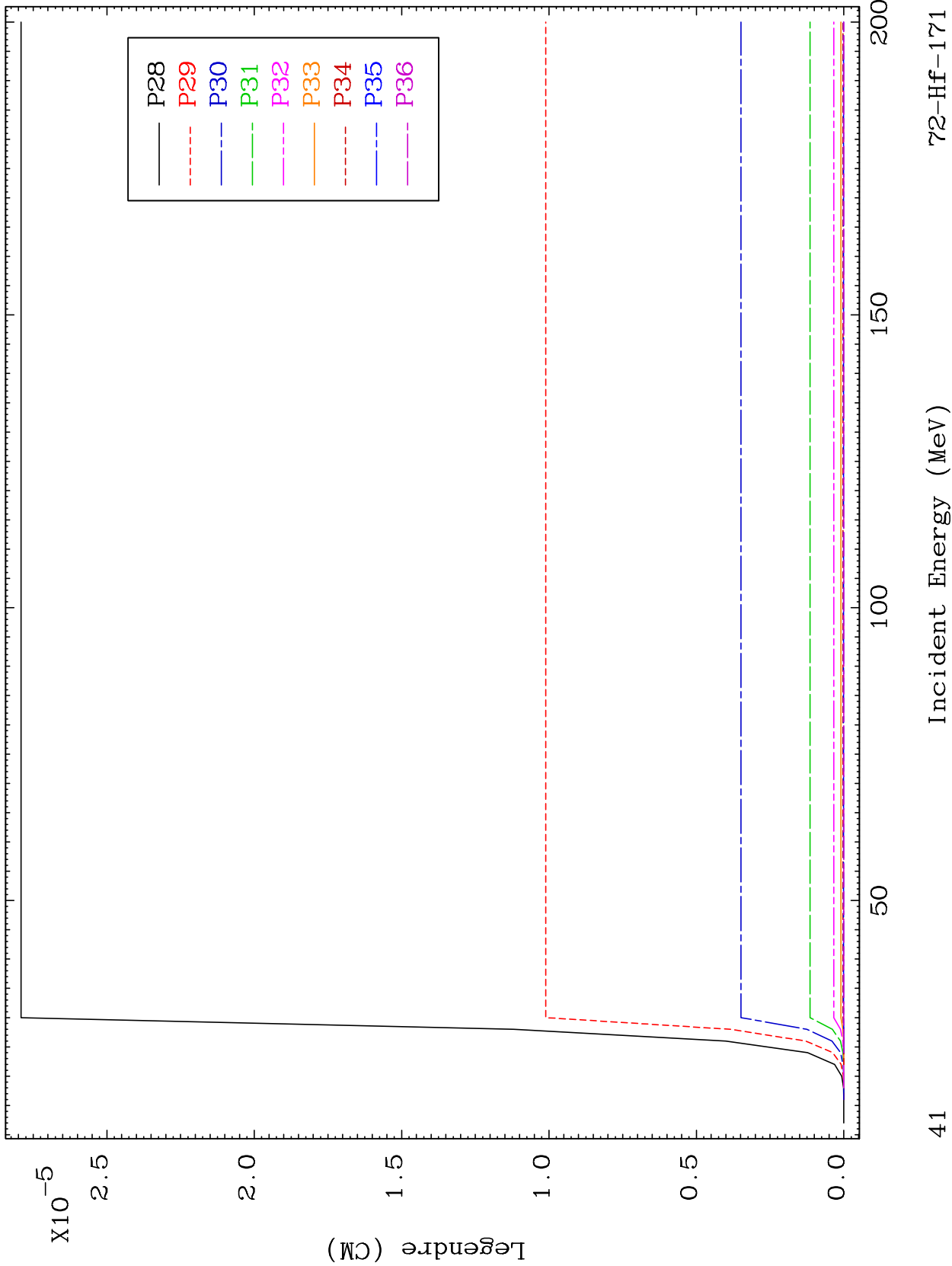
Incident Energy (MeV)

40

MAT 7216

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

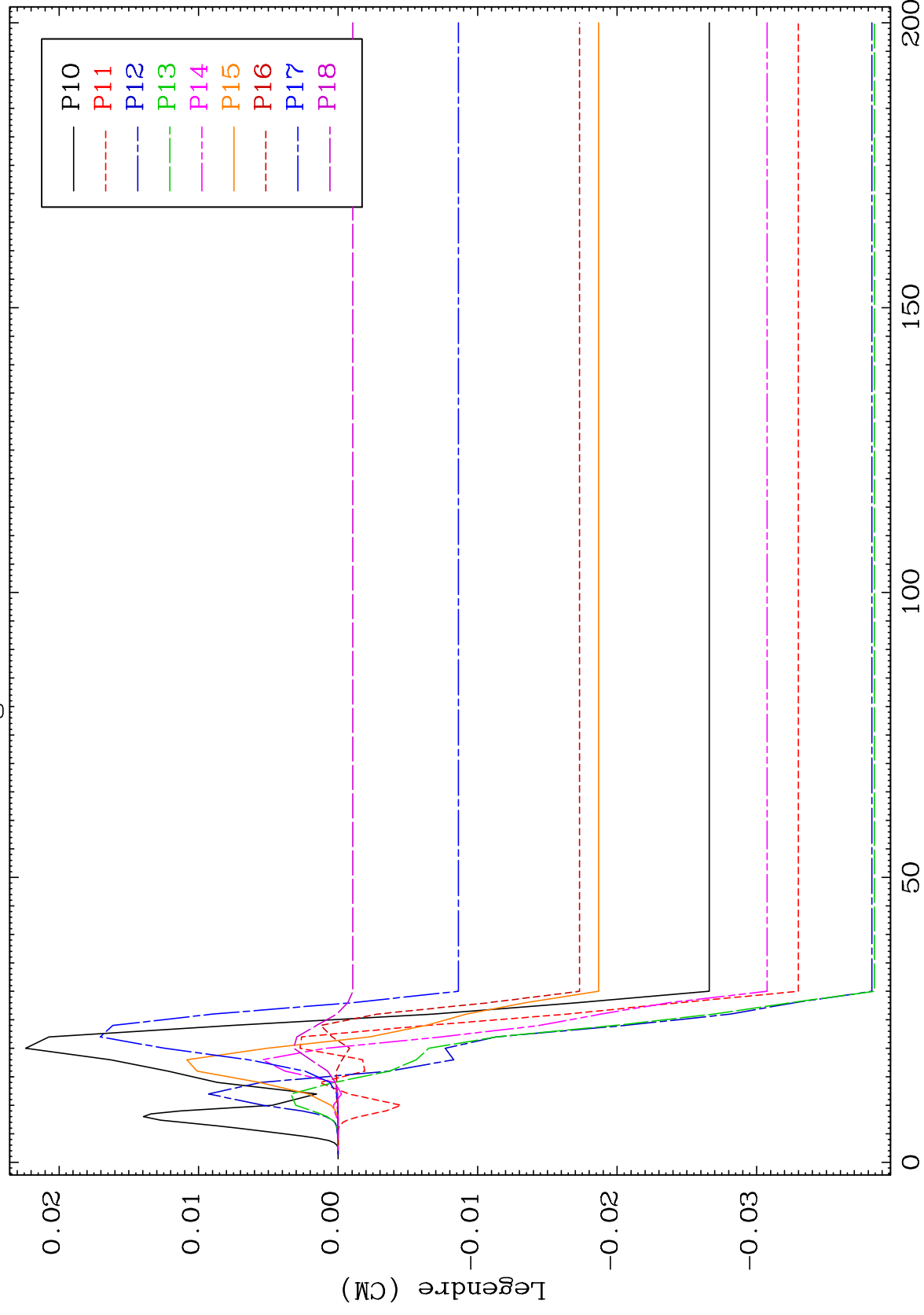
72-Hf-171



MAT 7216

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

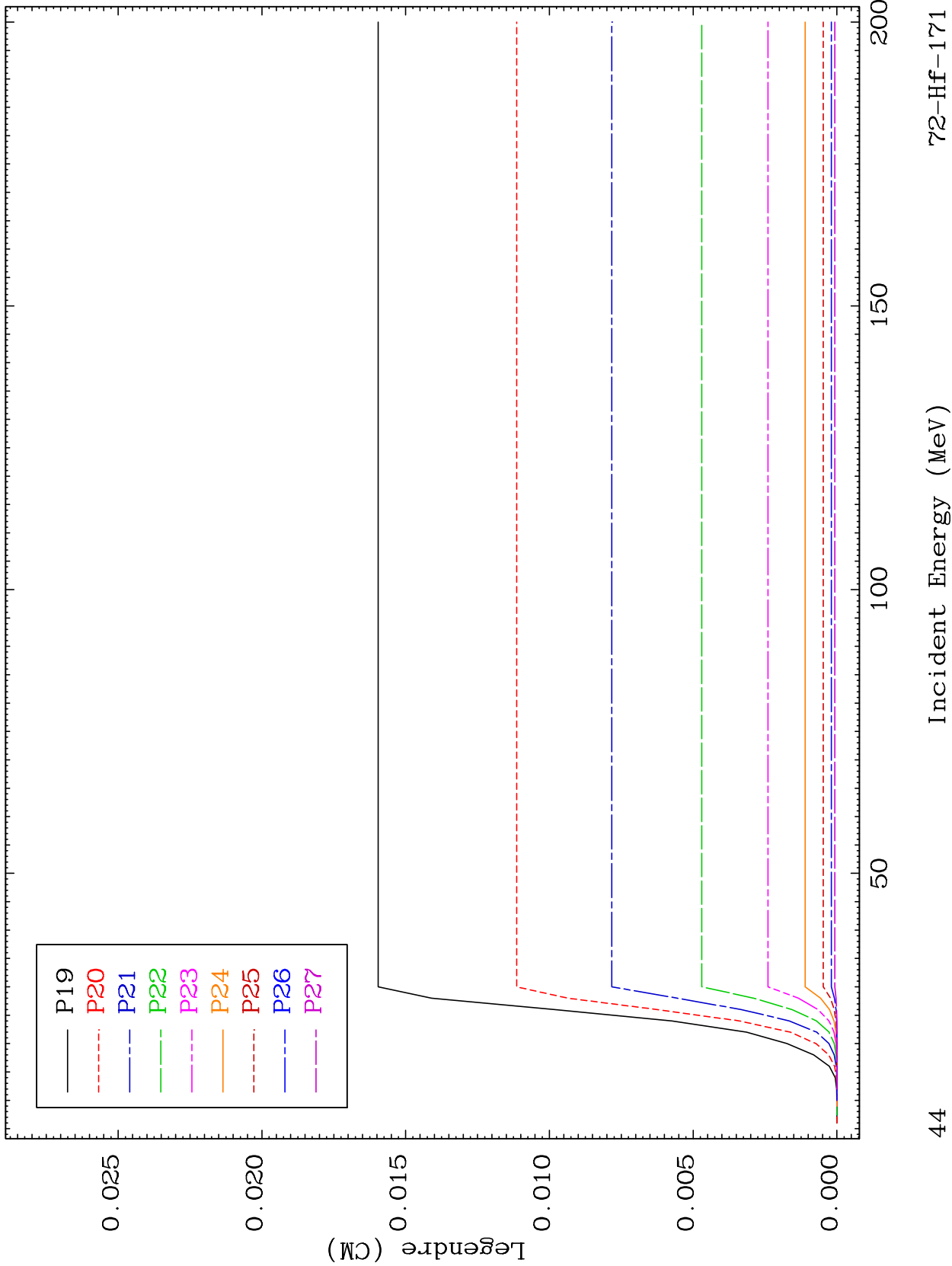
72-Hf-171



43

Incident Energy (MeV)

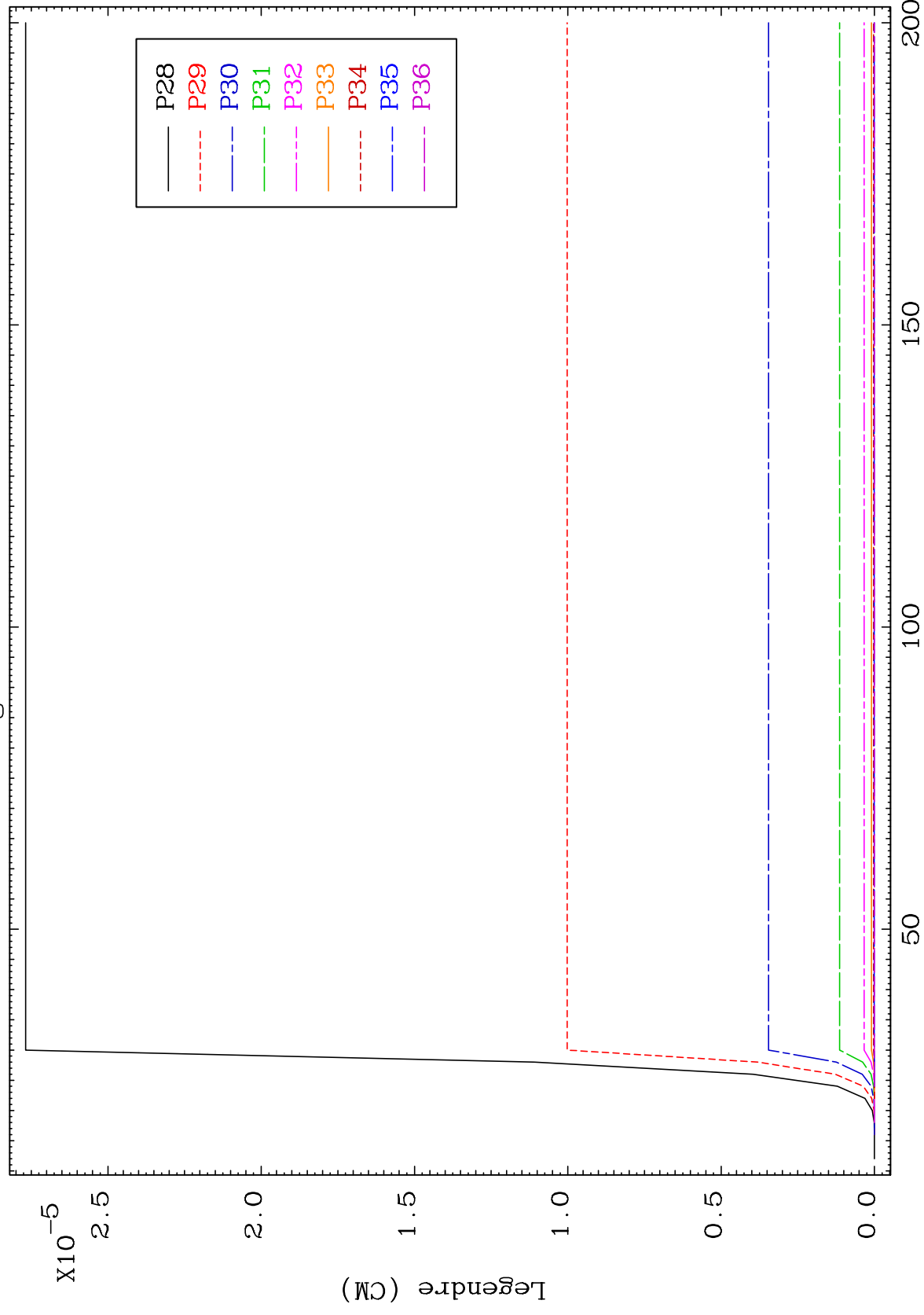
72-Hf-171



MAT 7216

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

72-Hf-171



45

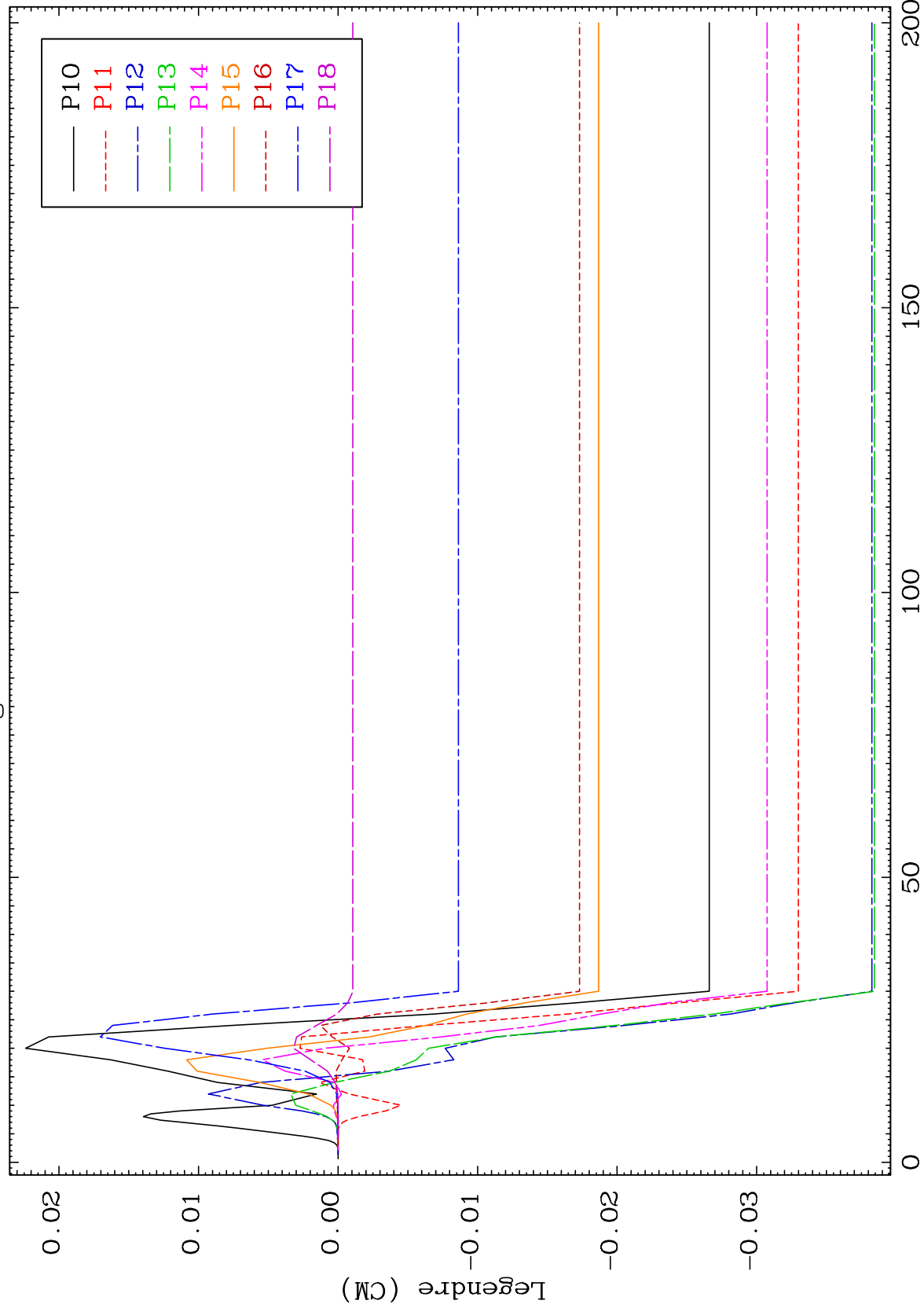
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



47

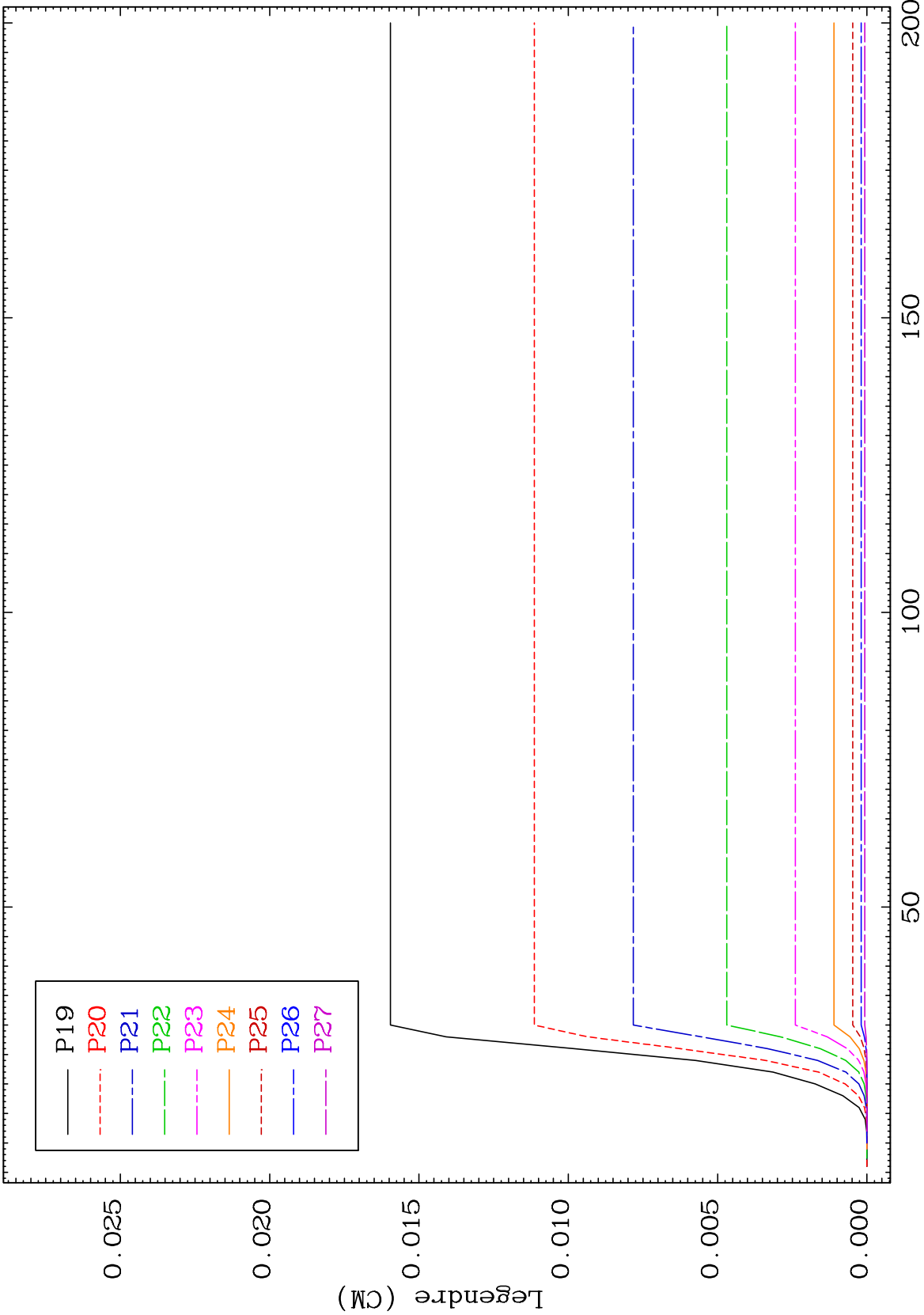
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



48

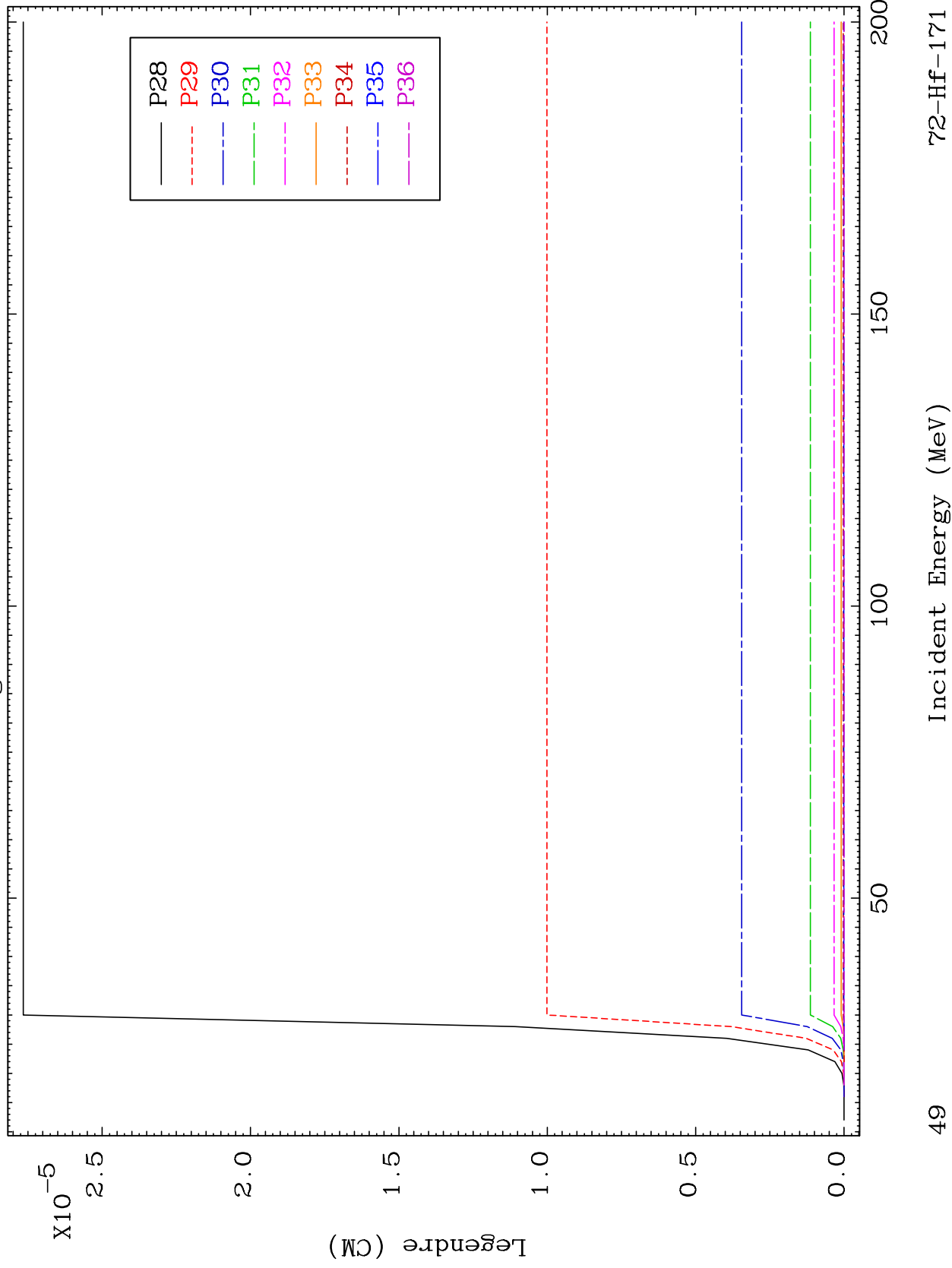
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

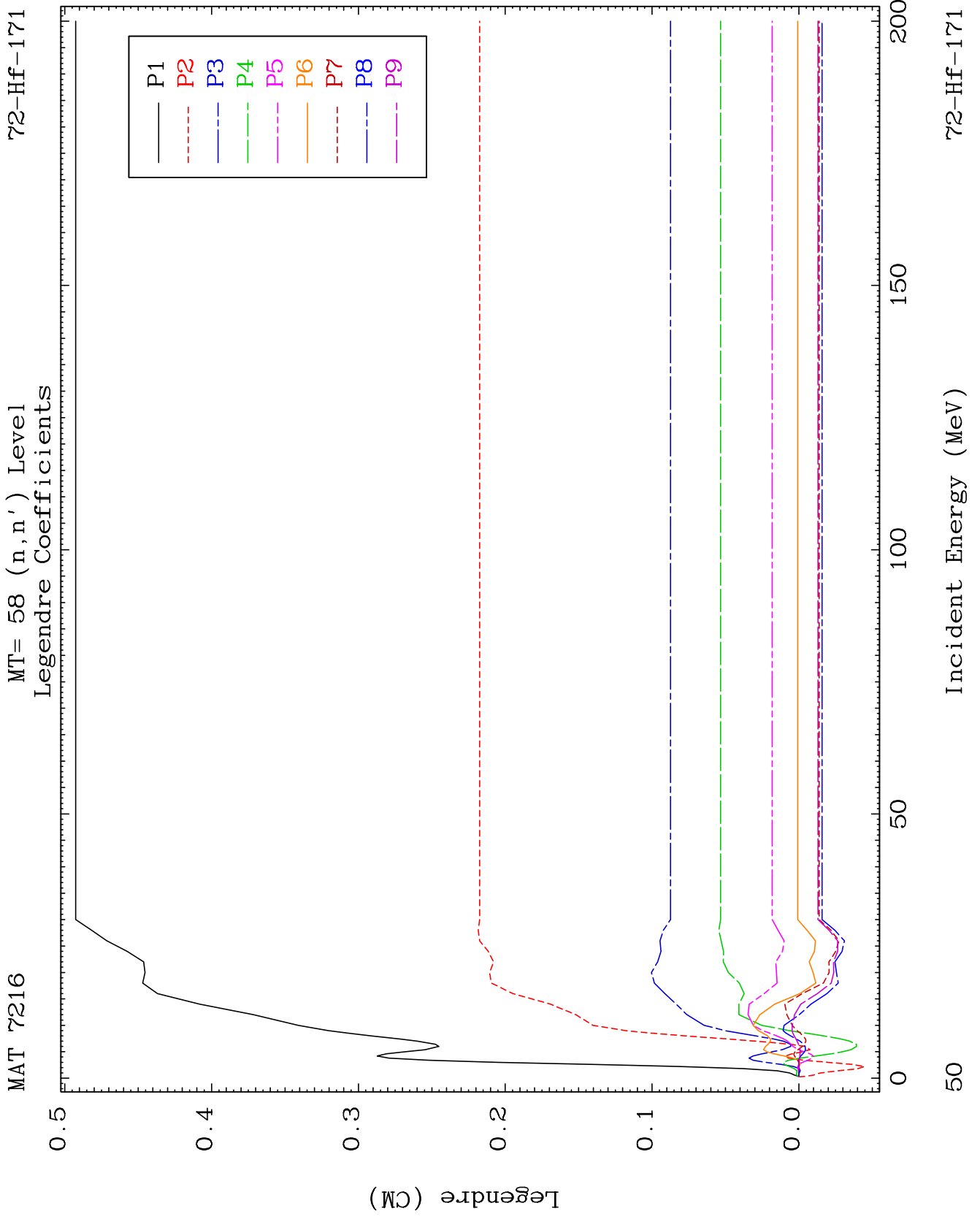
72-Hf-171



49

Incident Energy (MeV)

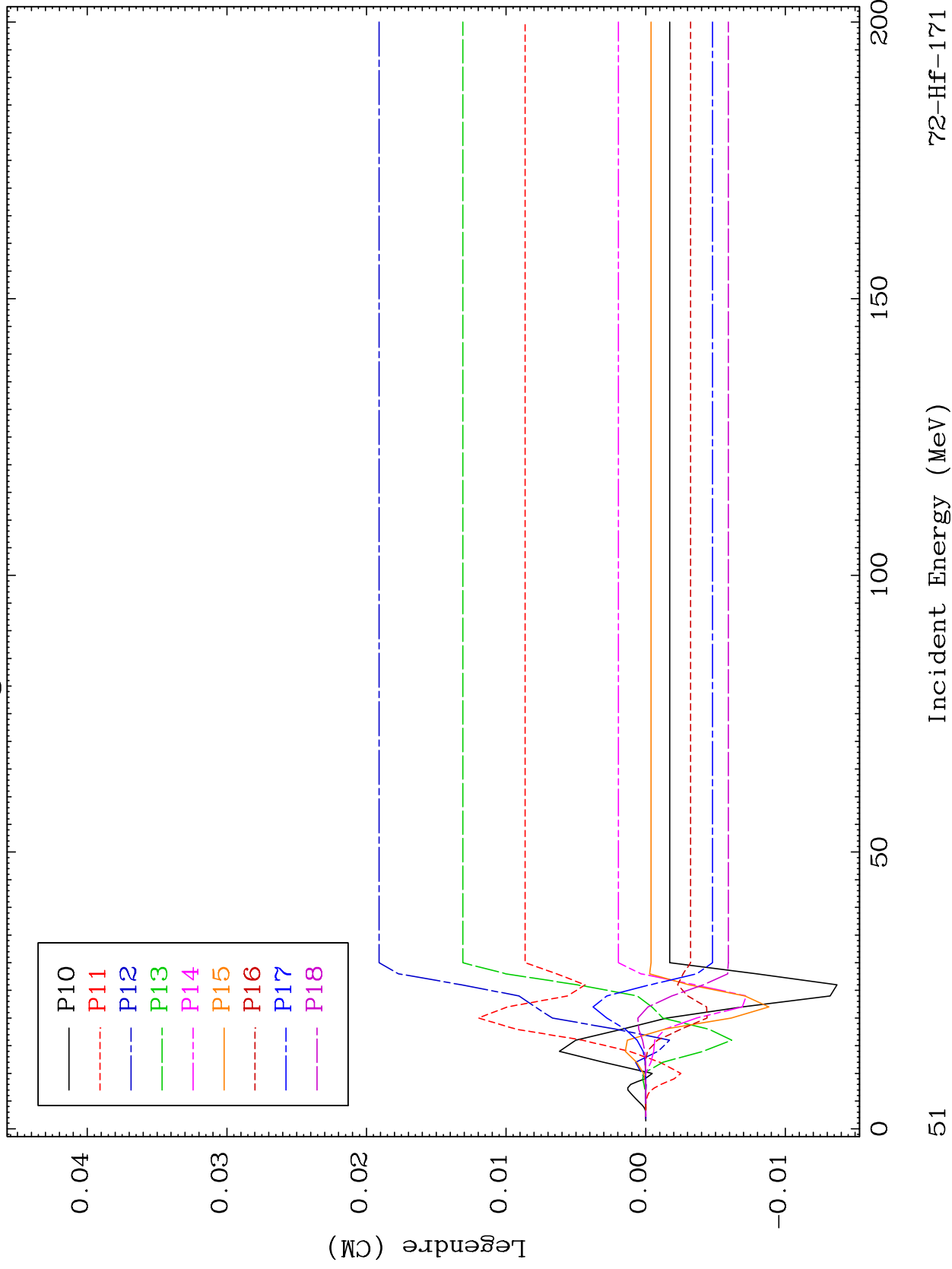
72-Hf-171



MAT 7216

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

72-Hf-171



51

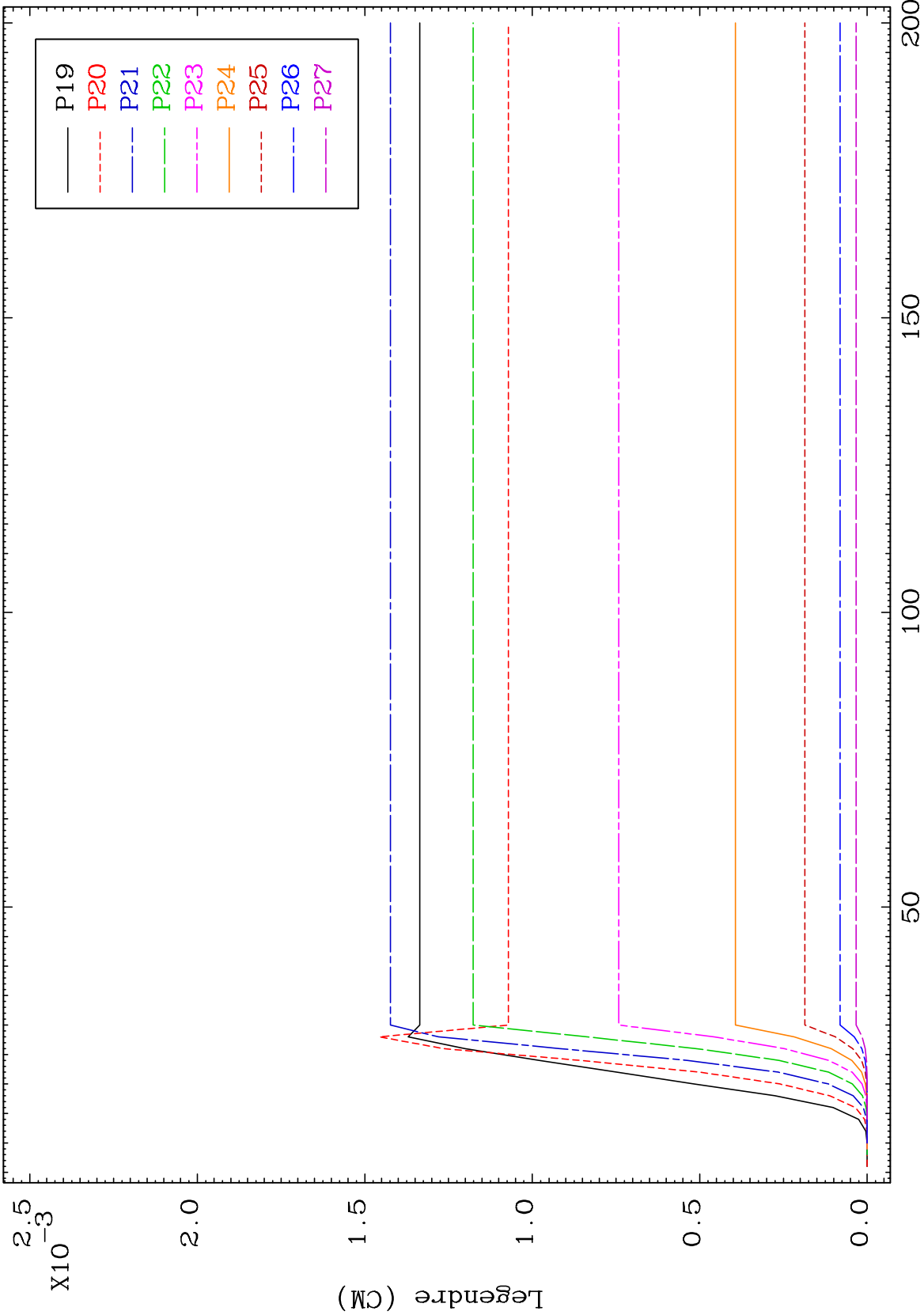
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



52

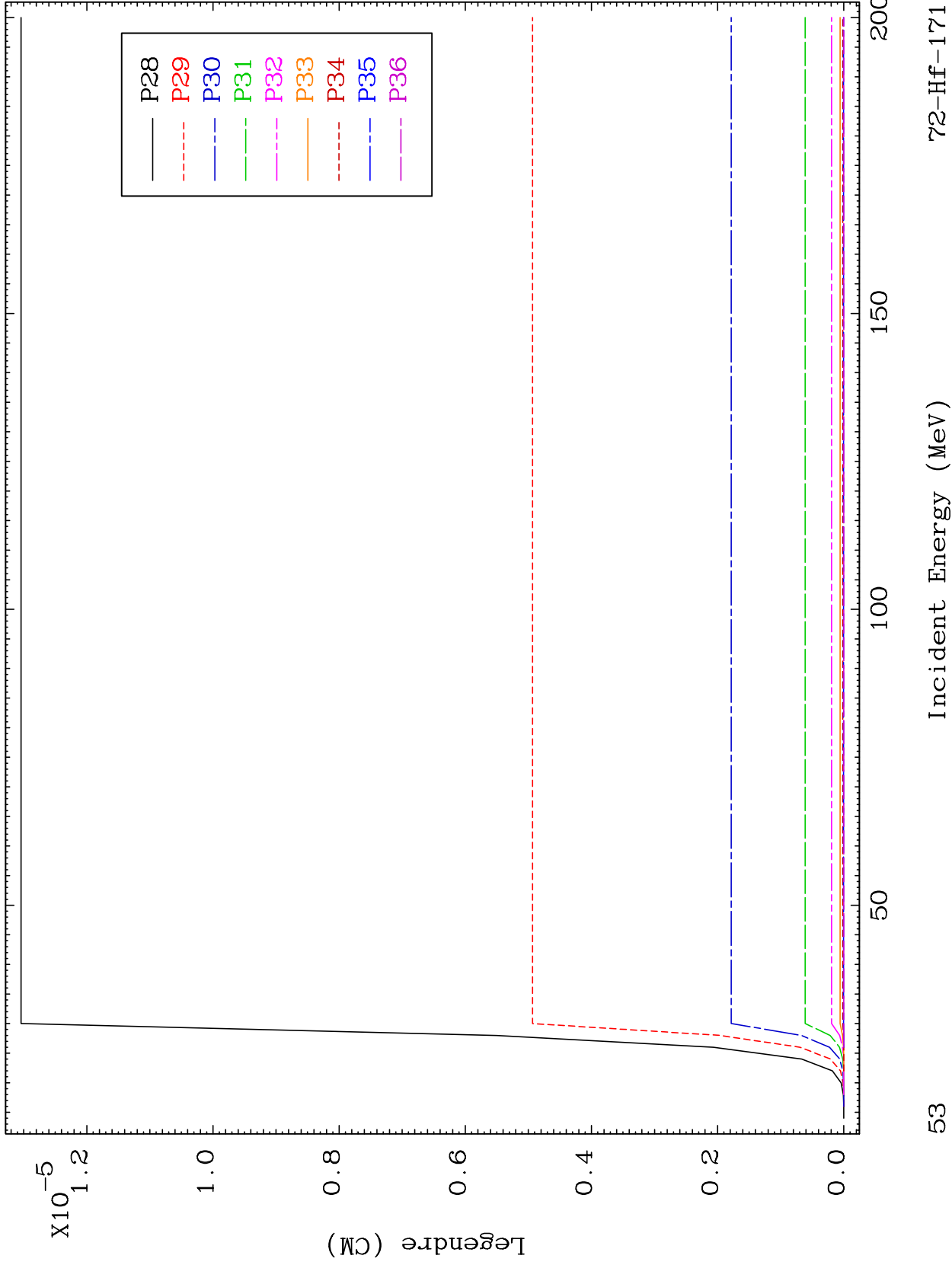
Incident Energy (MeV)

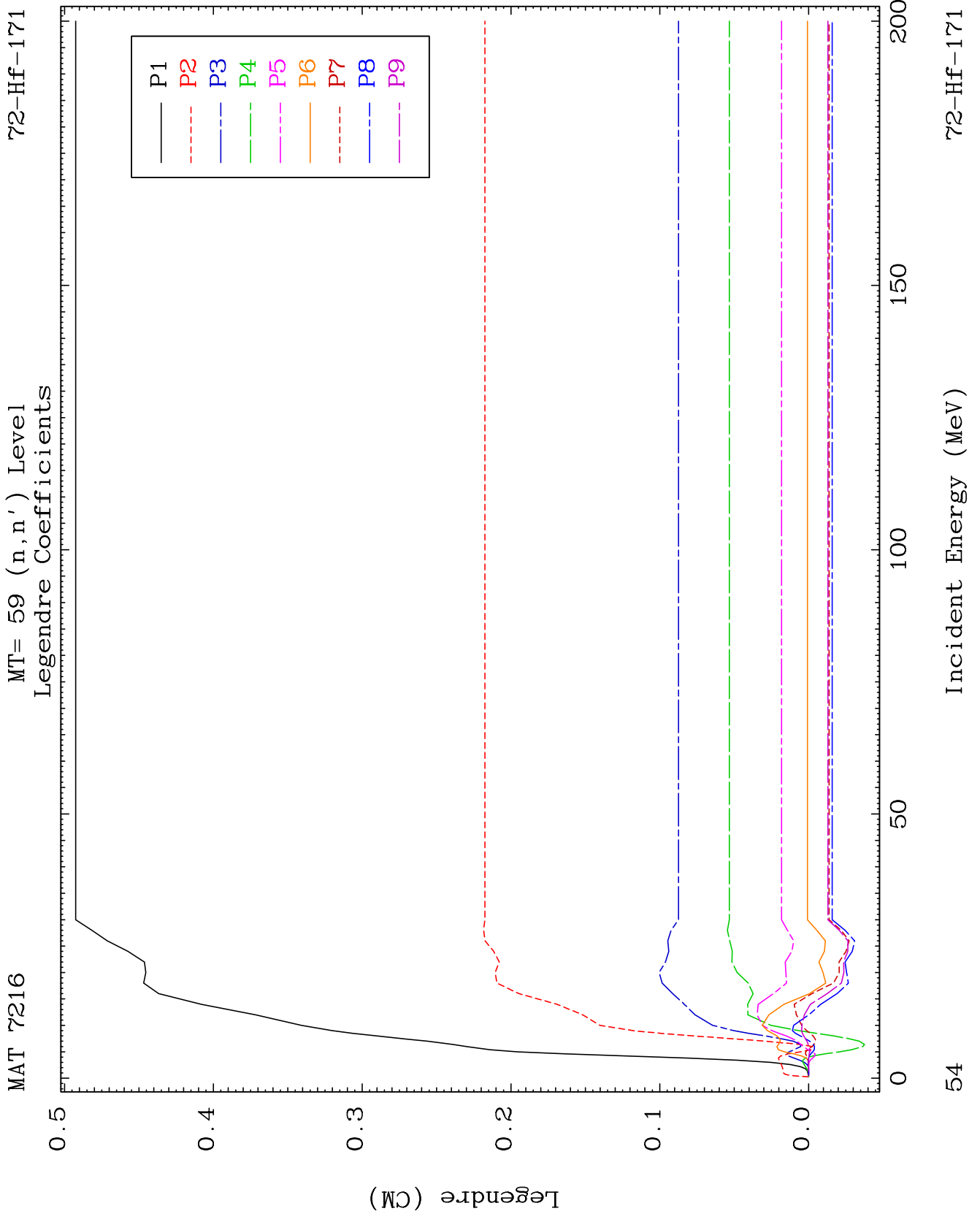
72-Hf-171

MAT 7216

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

72-Hf-171

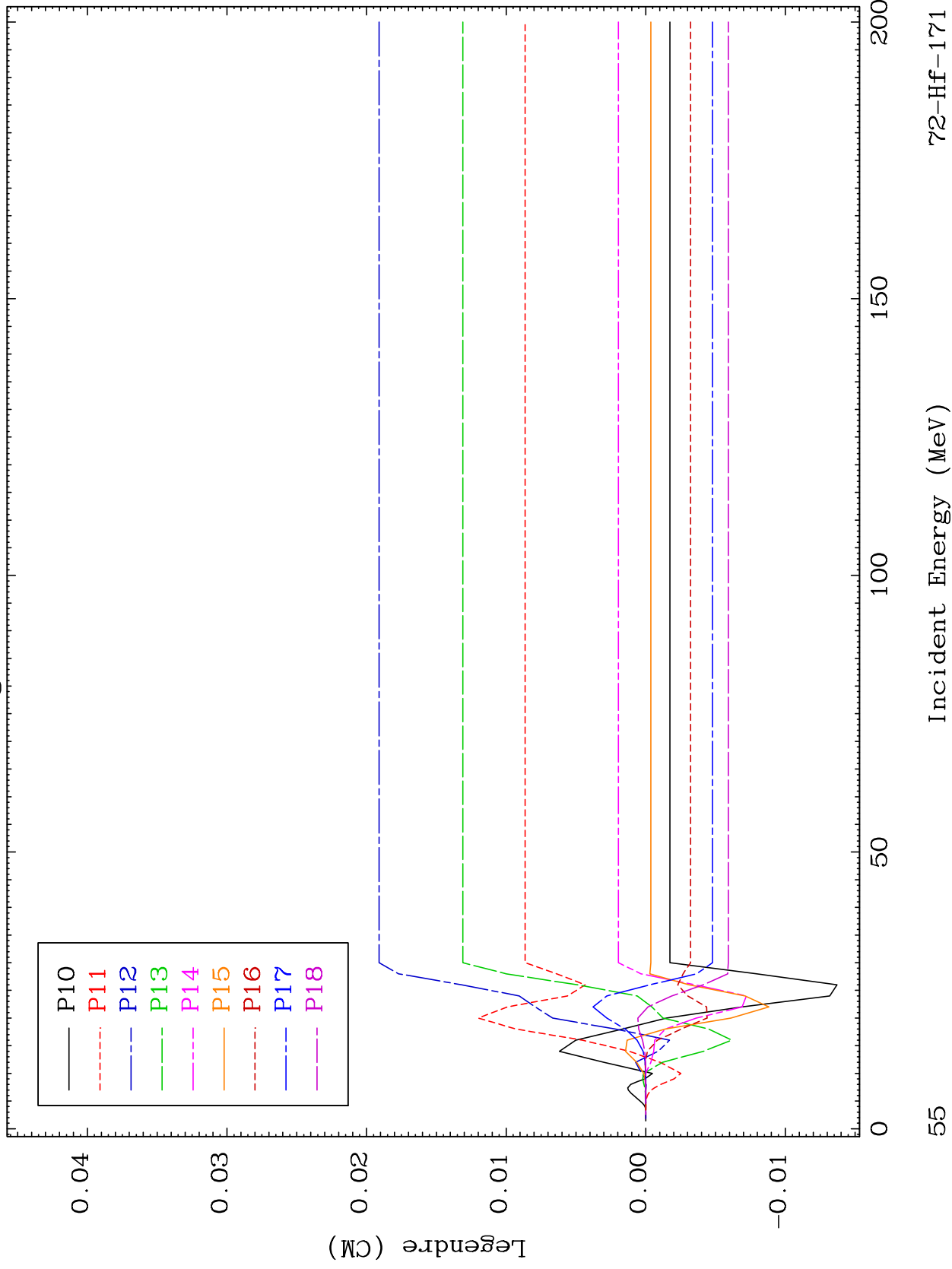




MAT 7216

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

72-Hf-171



72-Hf-171

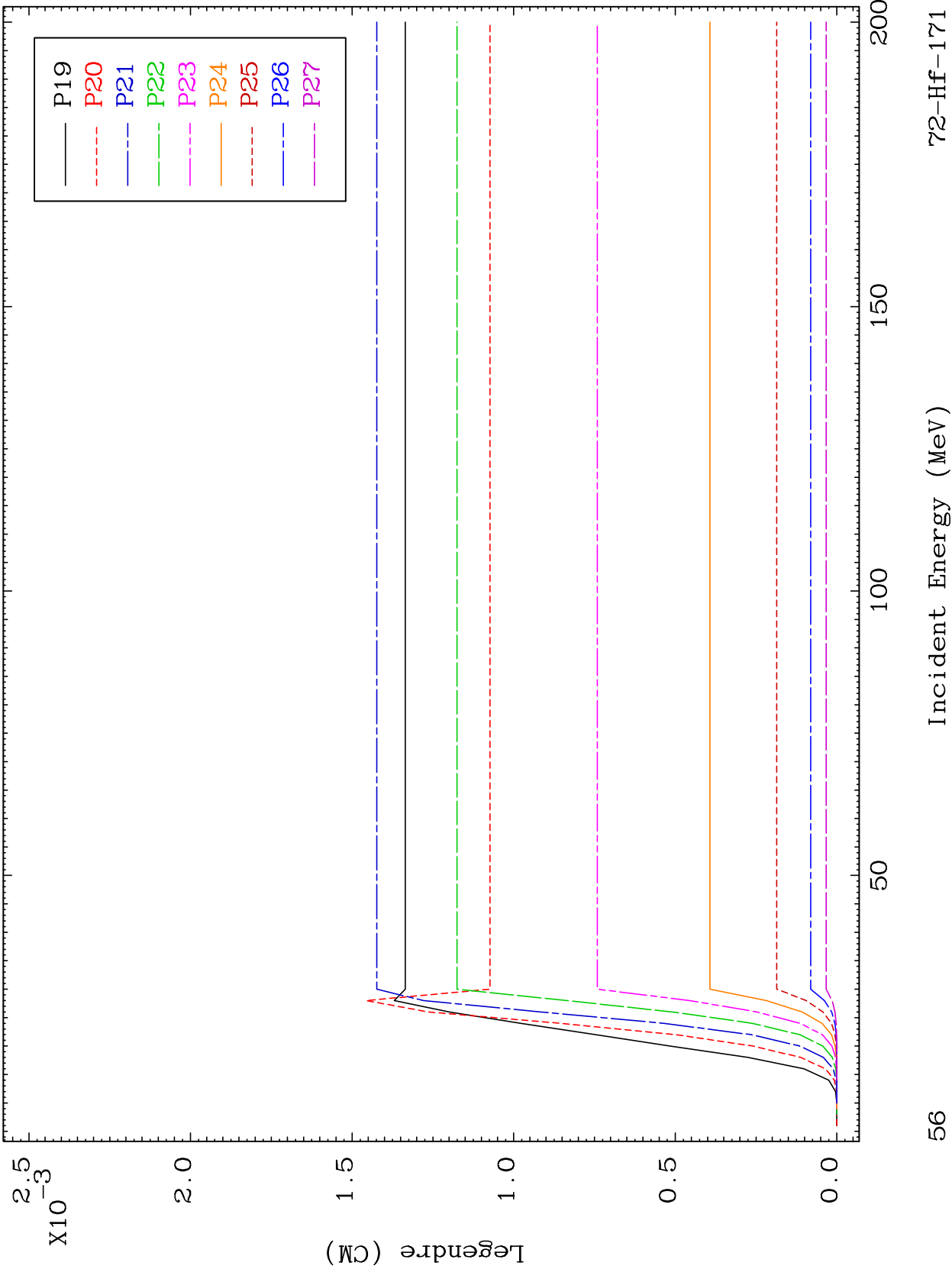
Incident Energy (MeV)

55

MAT 7216

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

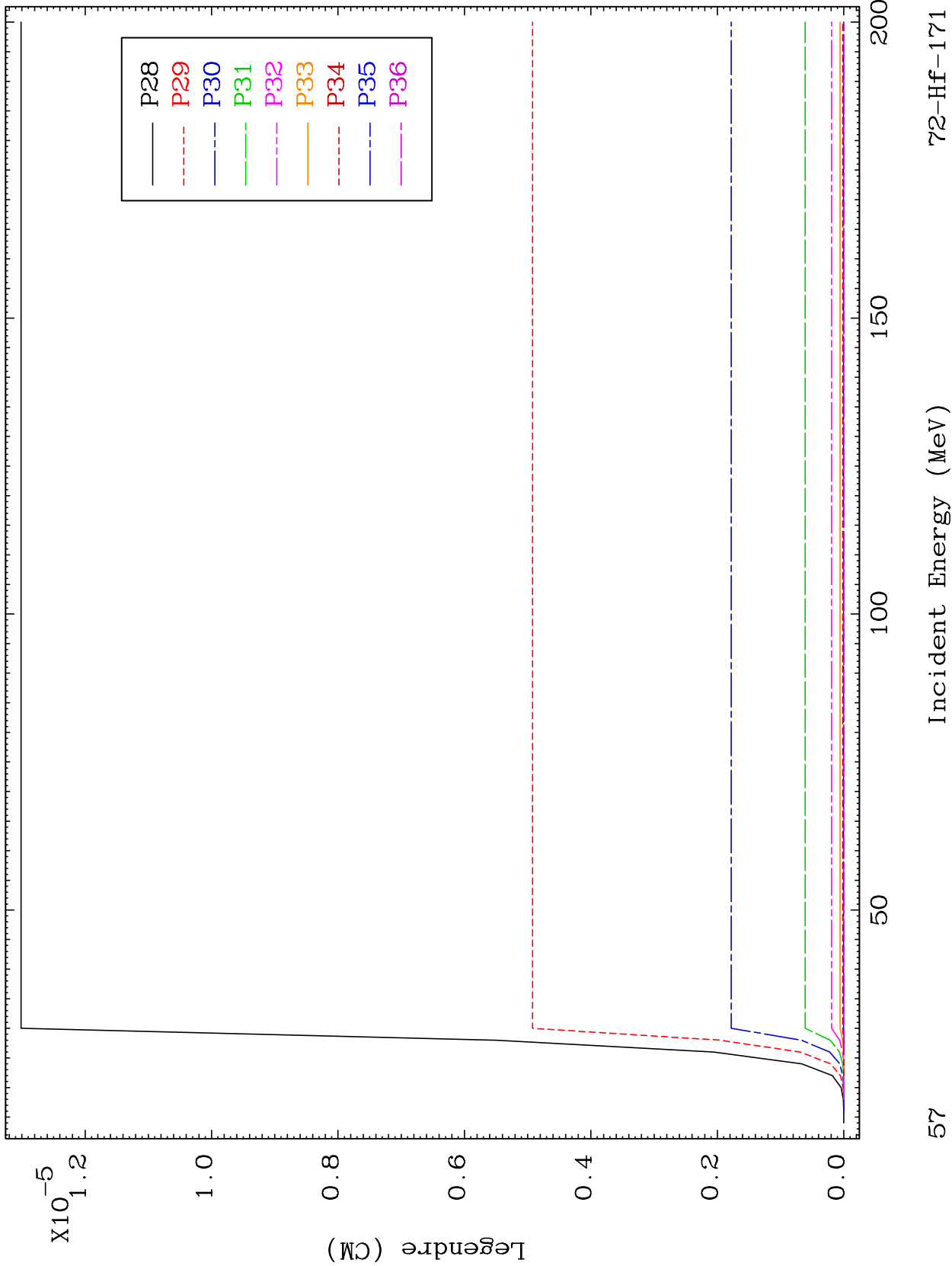
72-Hf-171



56

Incident Energy (MeV)

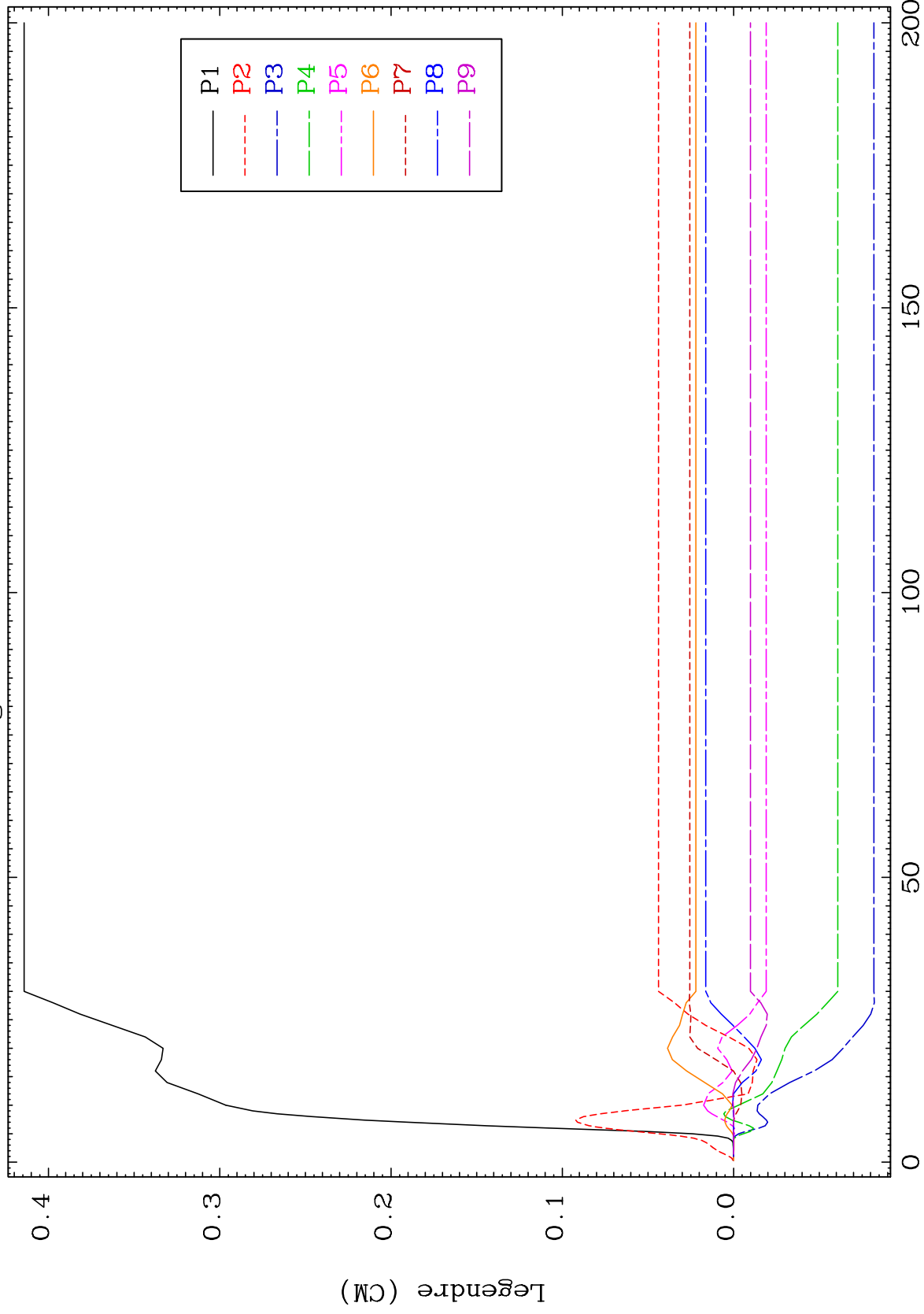
72-Hf-171



MAT 7216

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

72-Hf-171



58

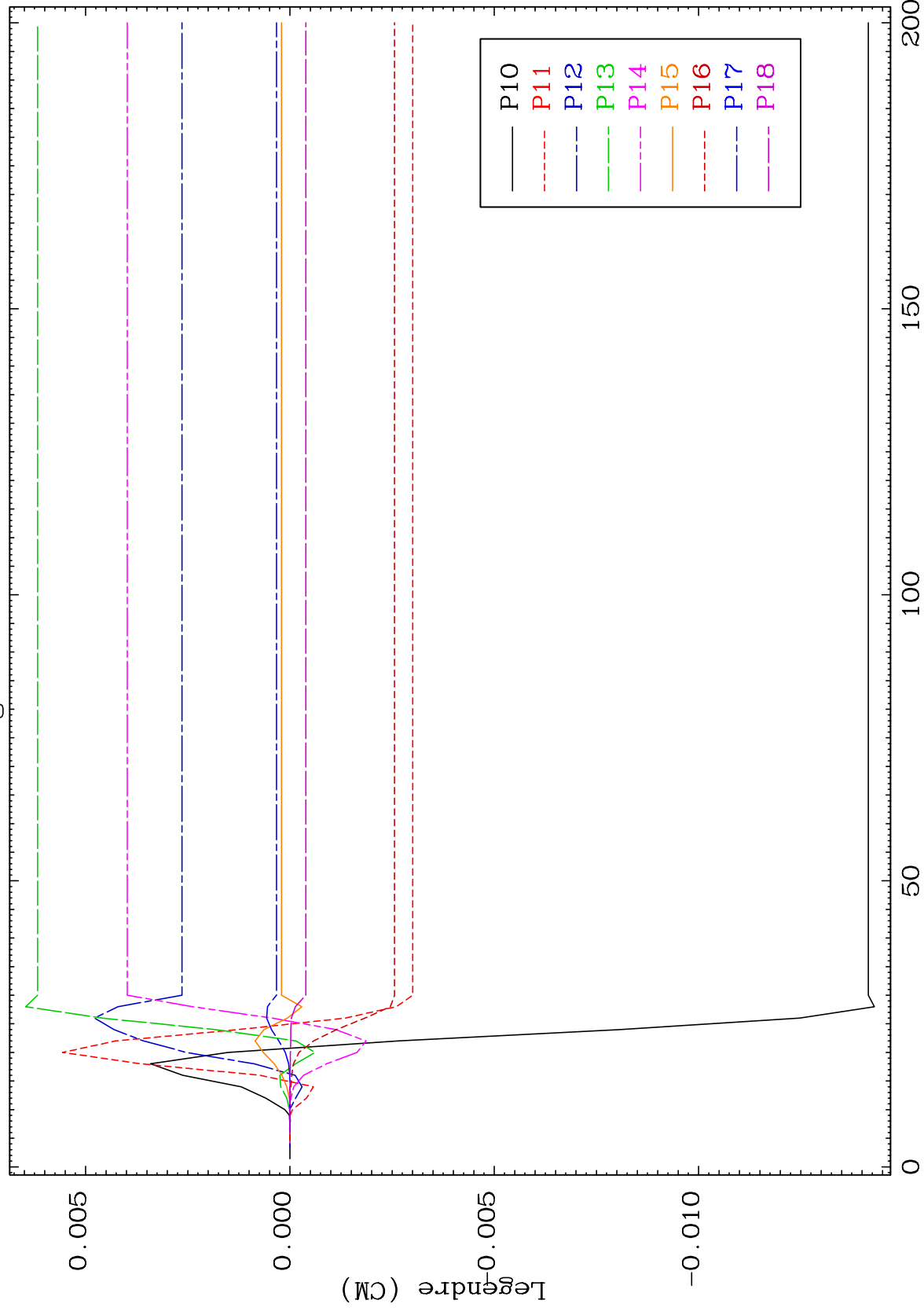
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



59

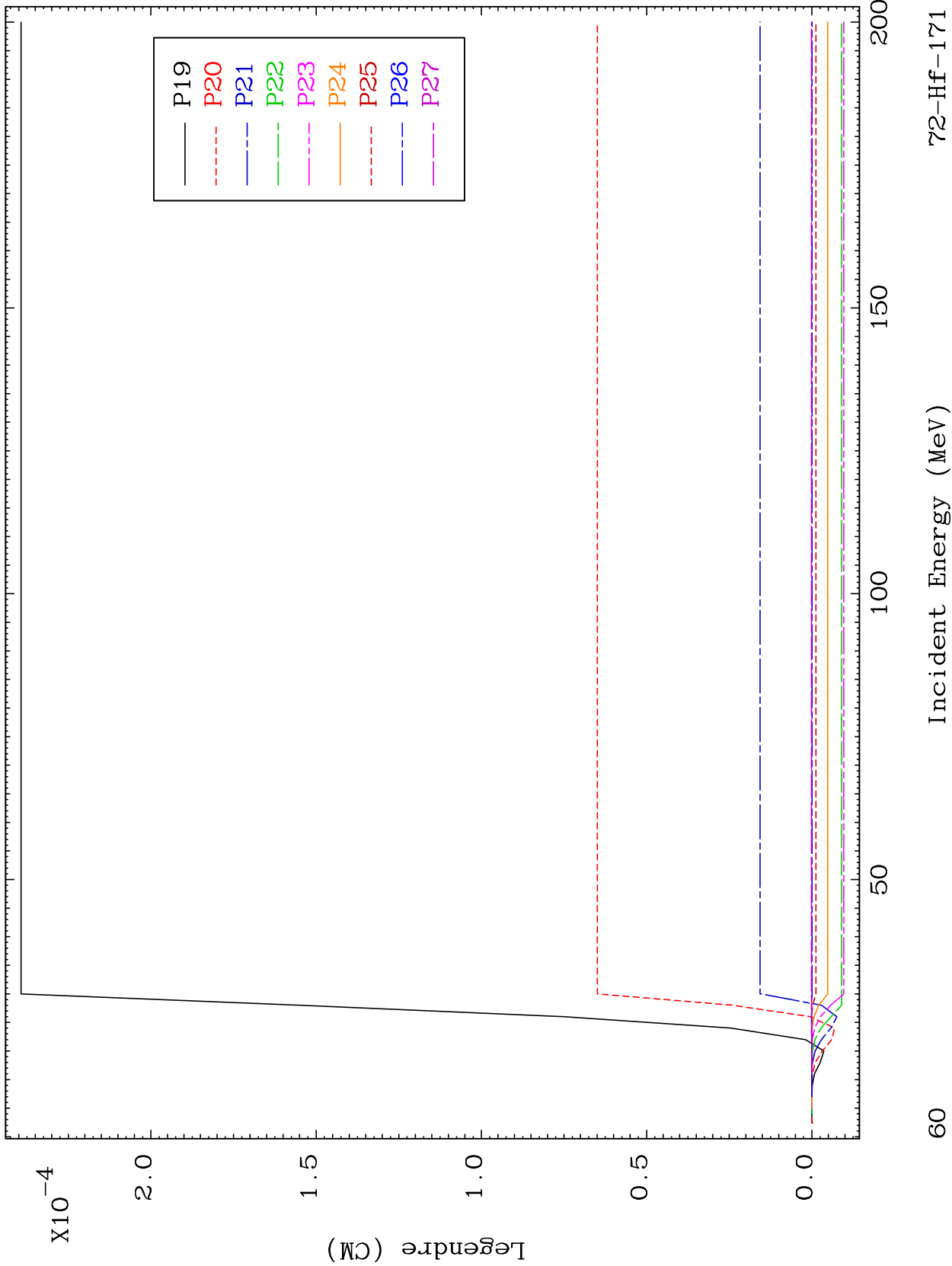
Incident Energy (MeV)

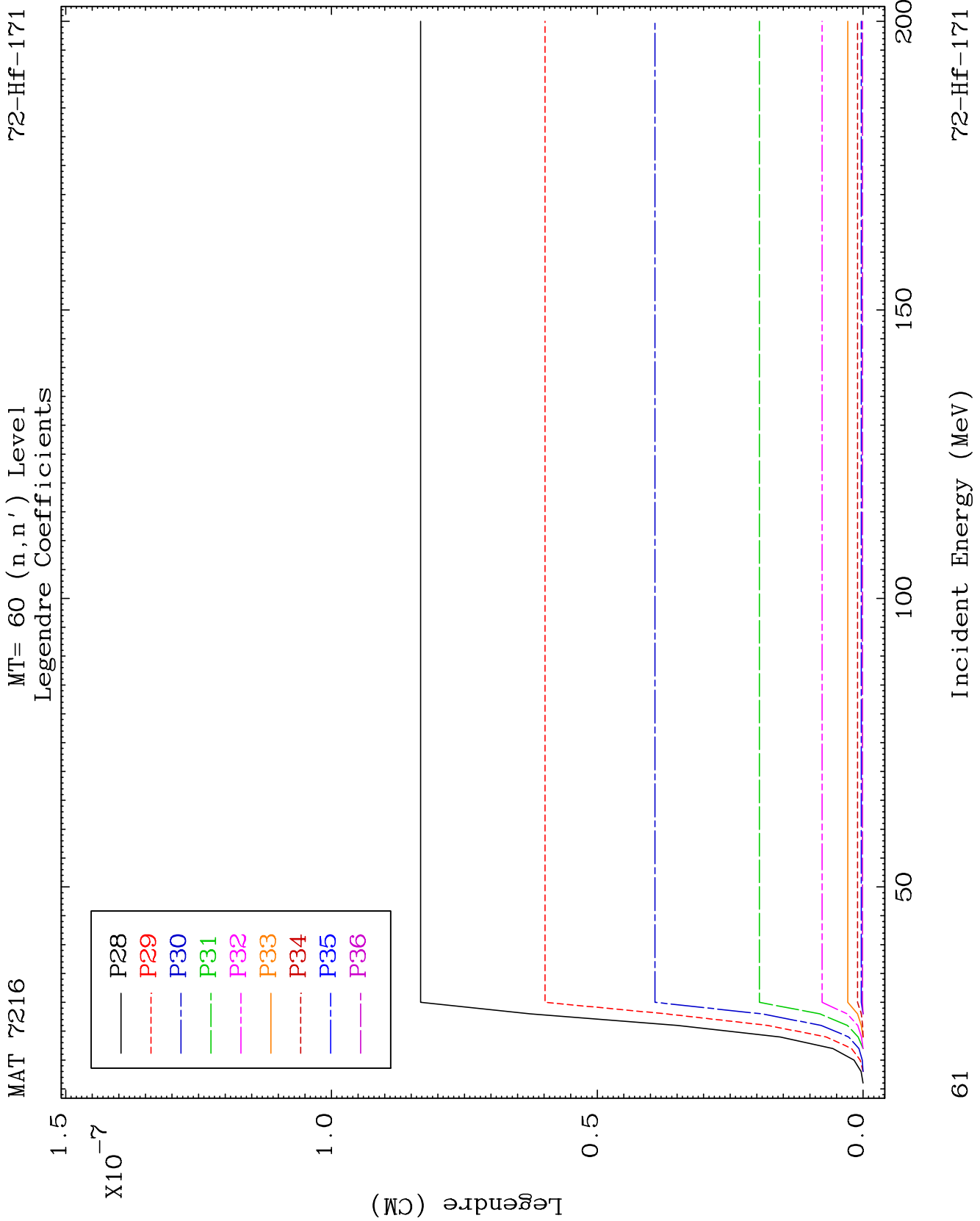
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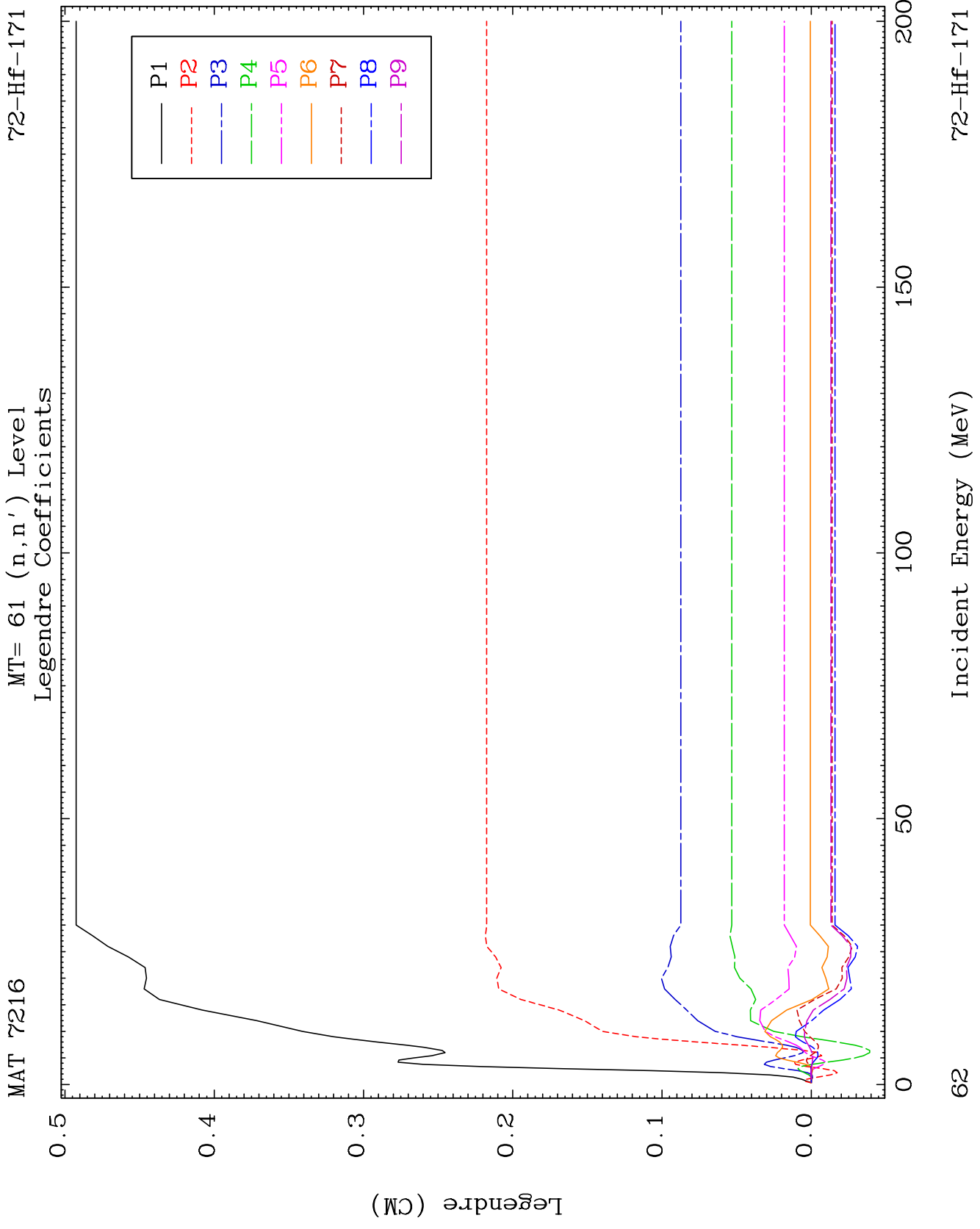
MAT 7216

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

72-Hf-171



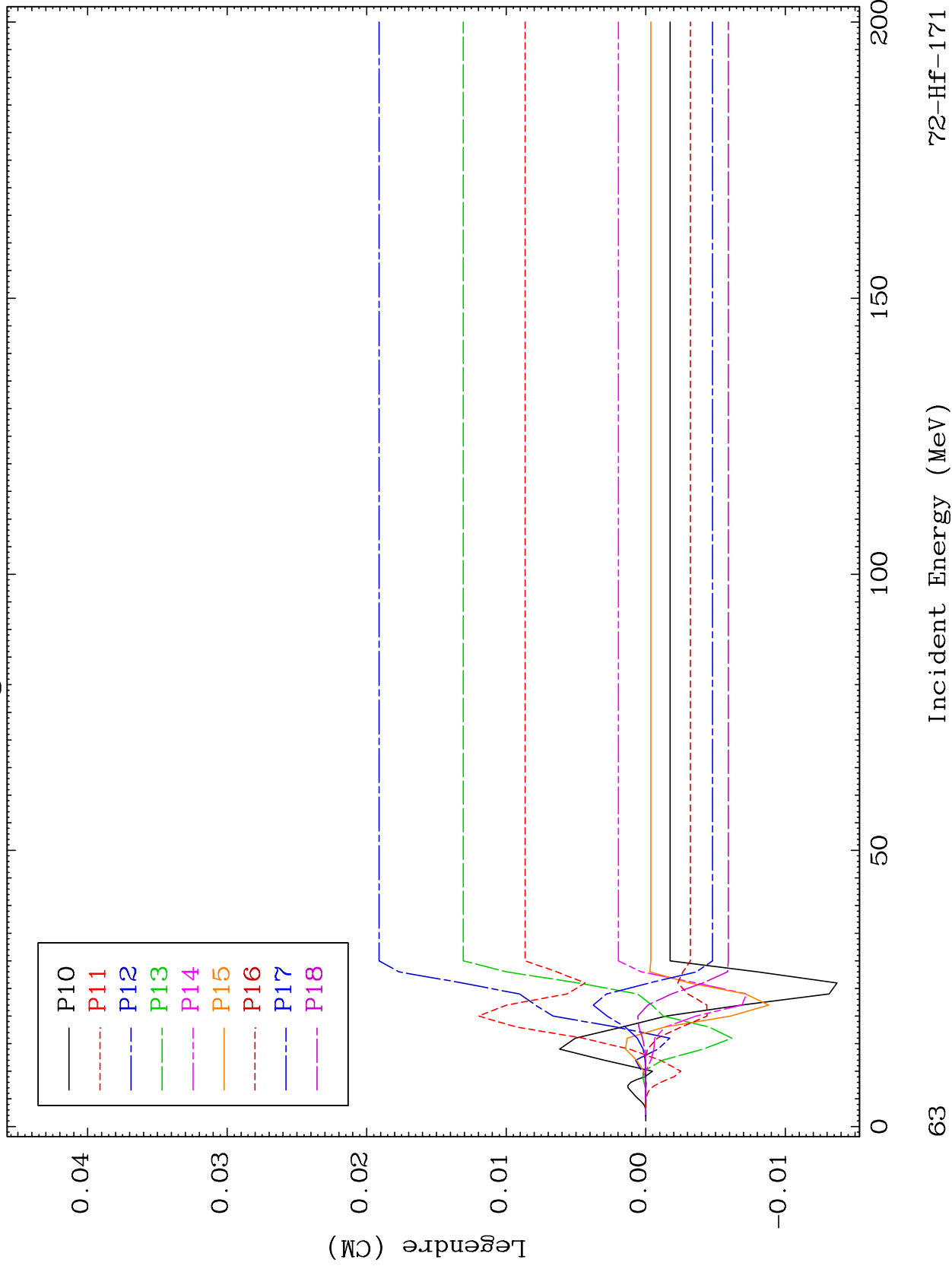




MAT 7216

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

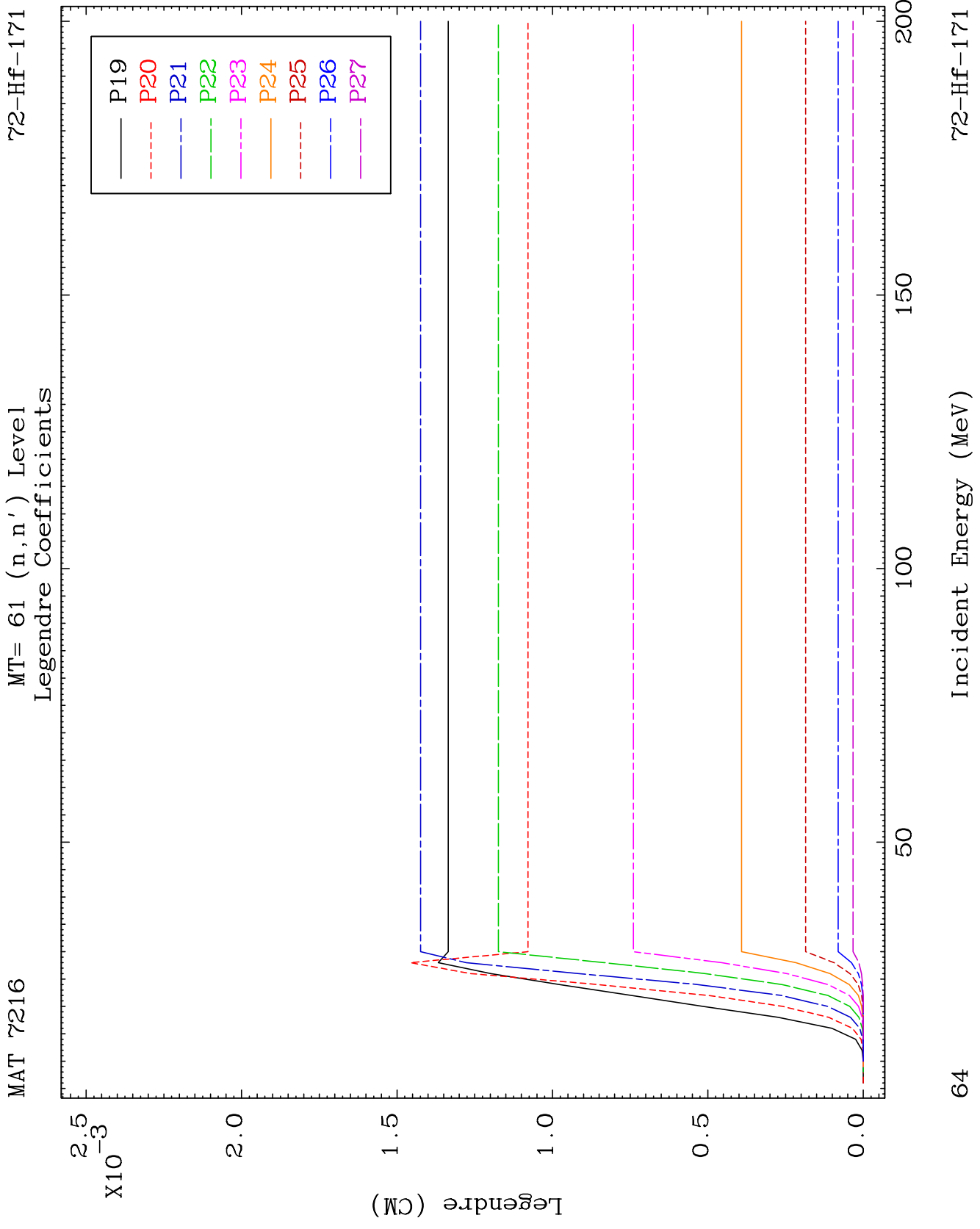
72-Hf-171



72-Hf-171

Incident Energy (MeV)

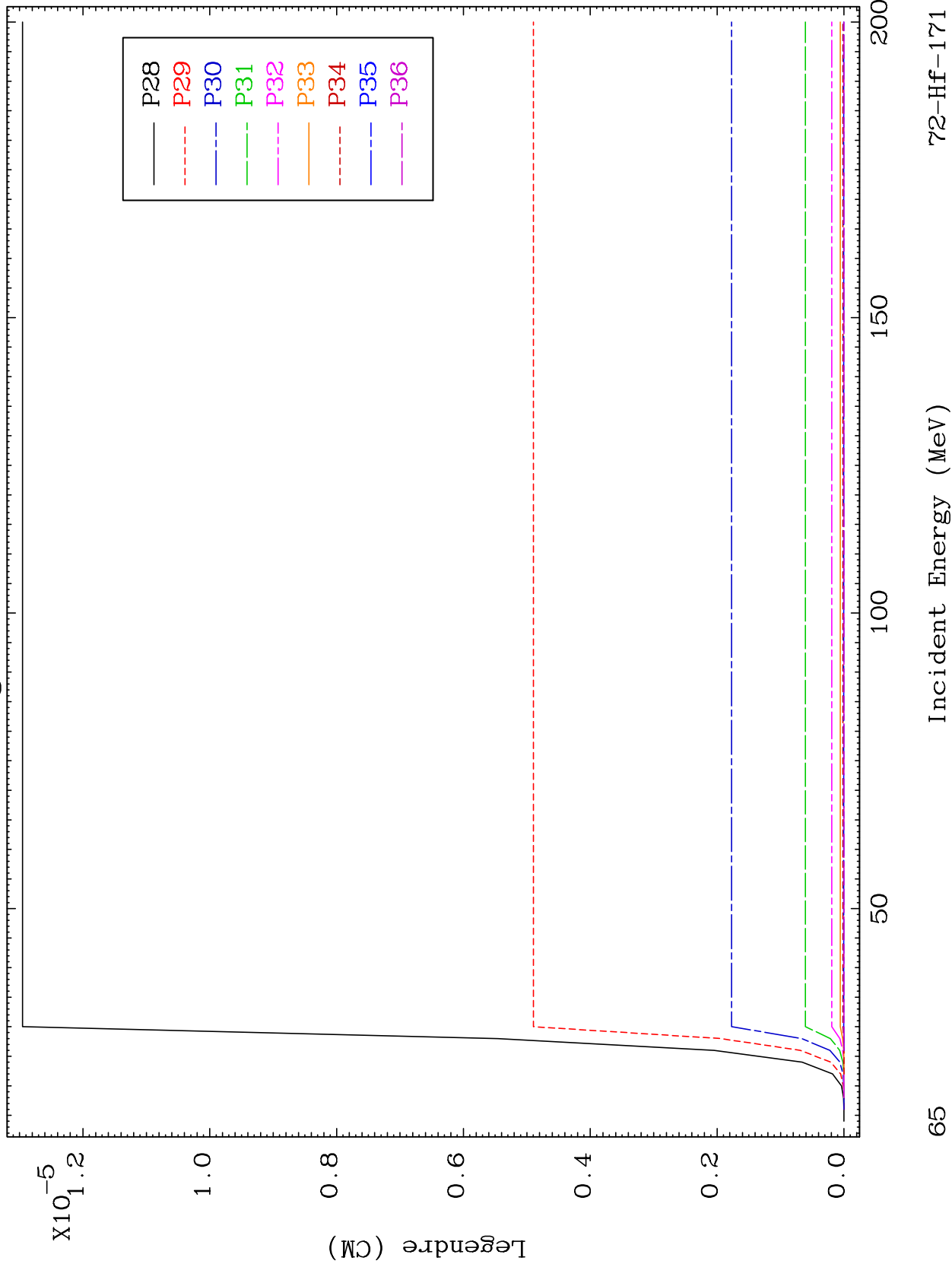
63



MAT 7216

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

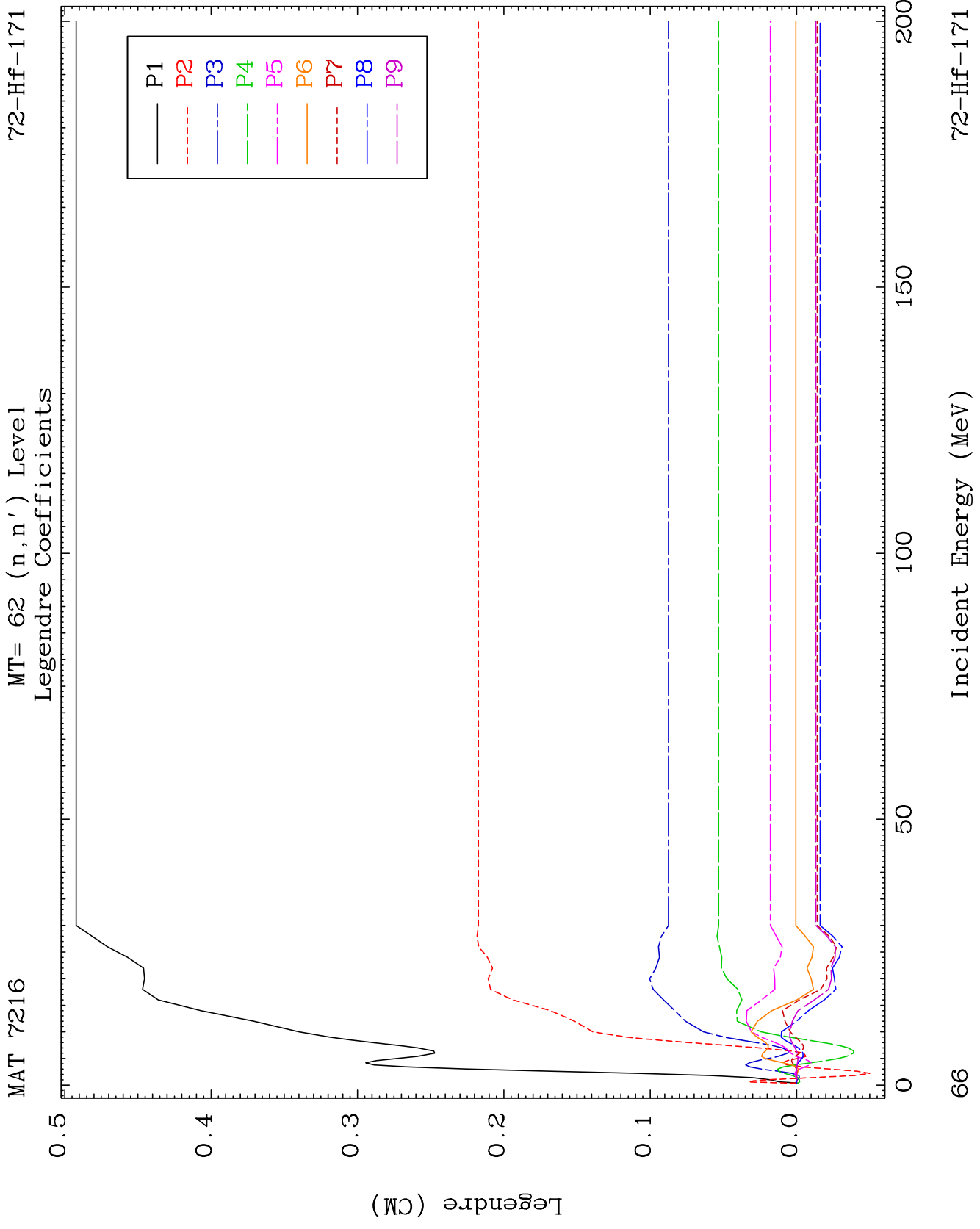
72-Hf-171



65

Incident Energy (MeV)

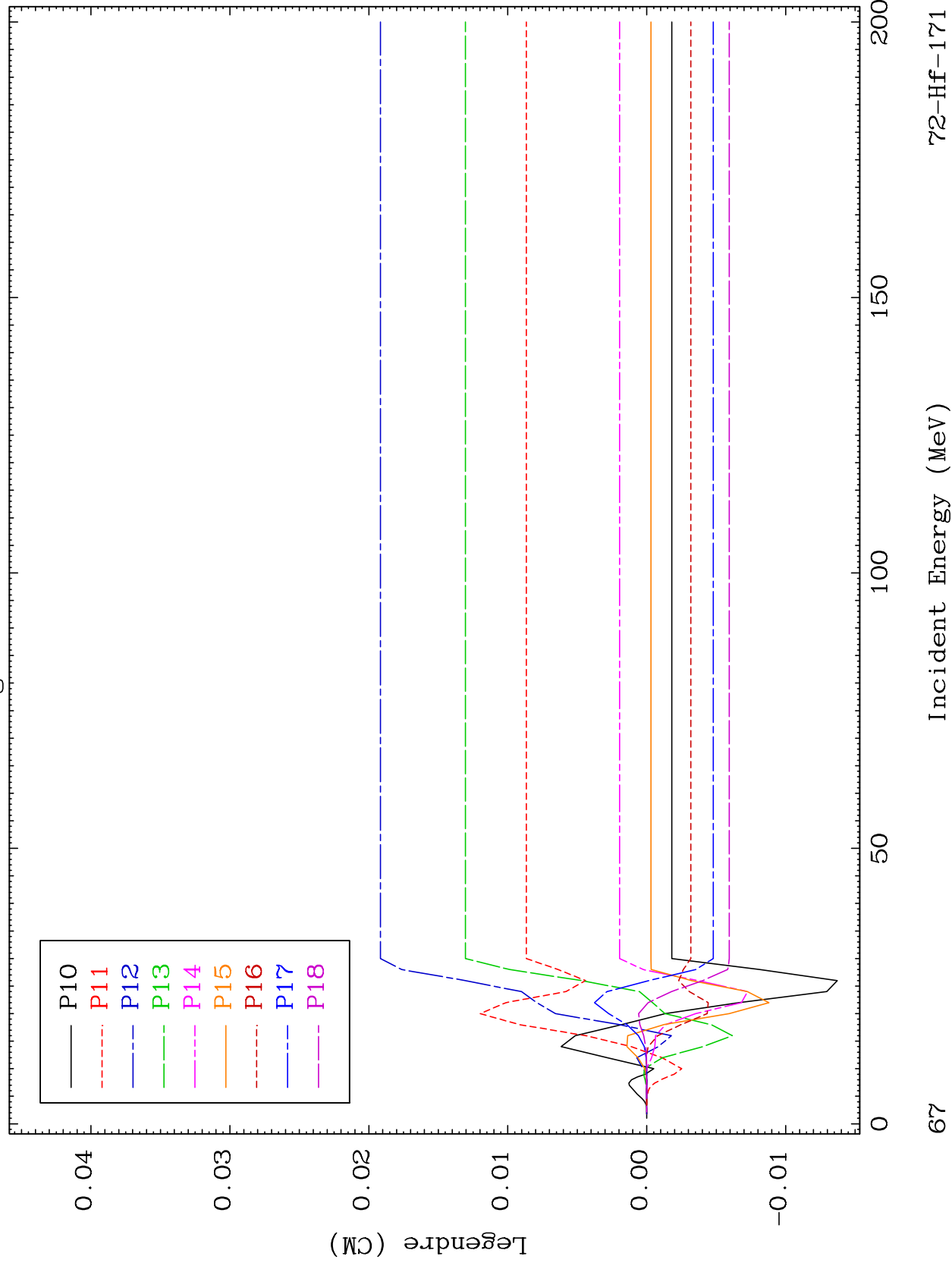
72-Hf-171



MAT 7216

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

72-Hf-171



67

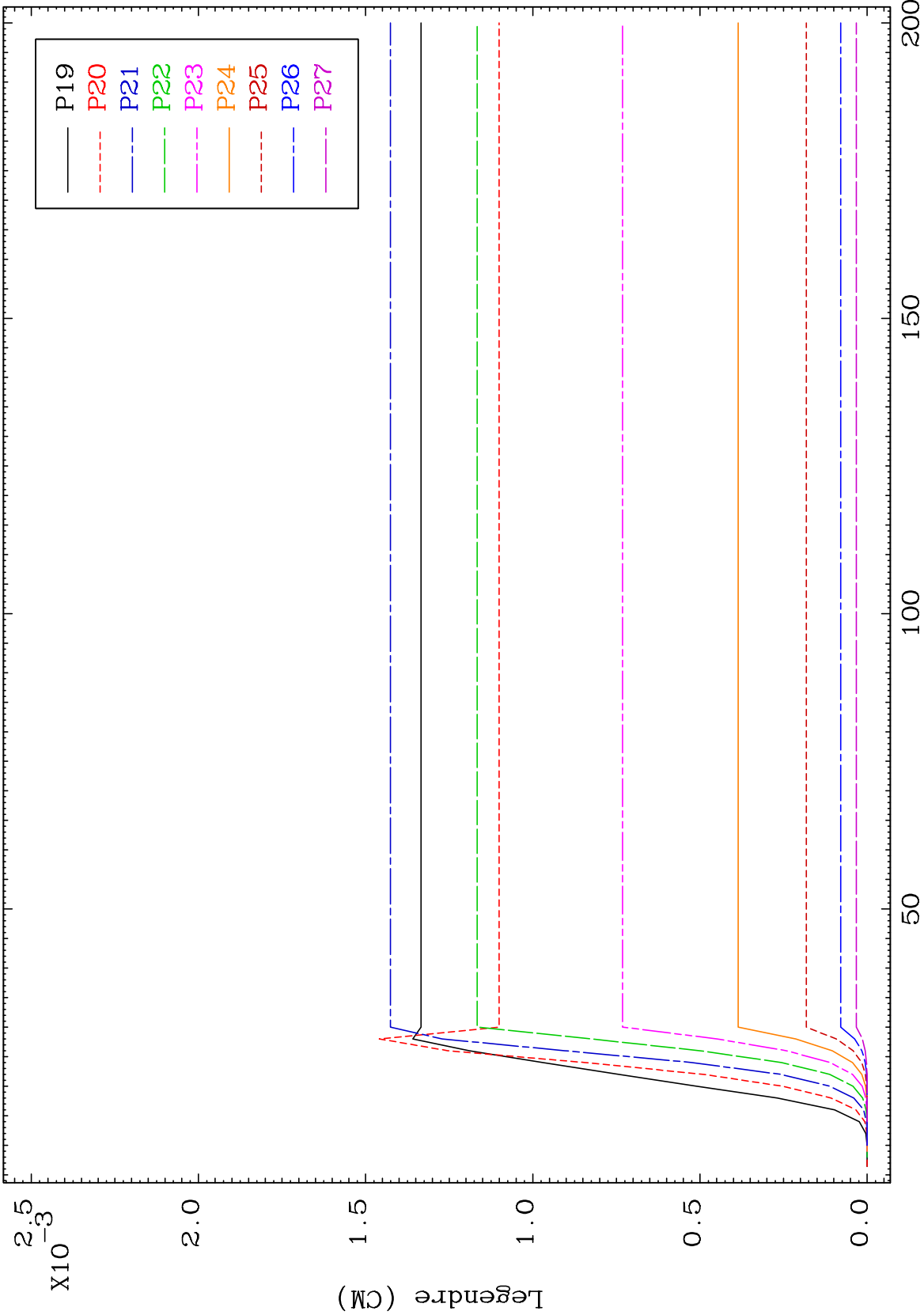
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



68

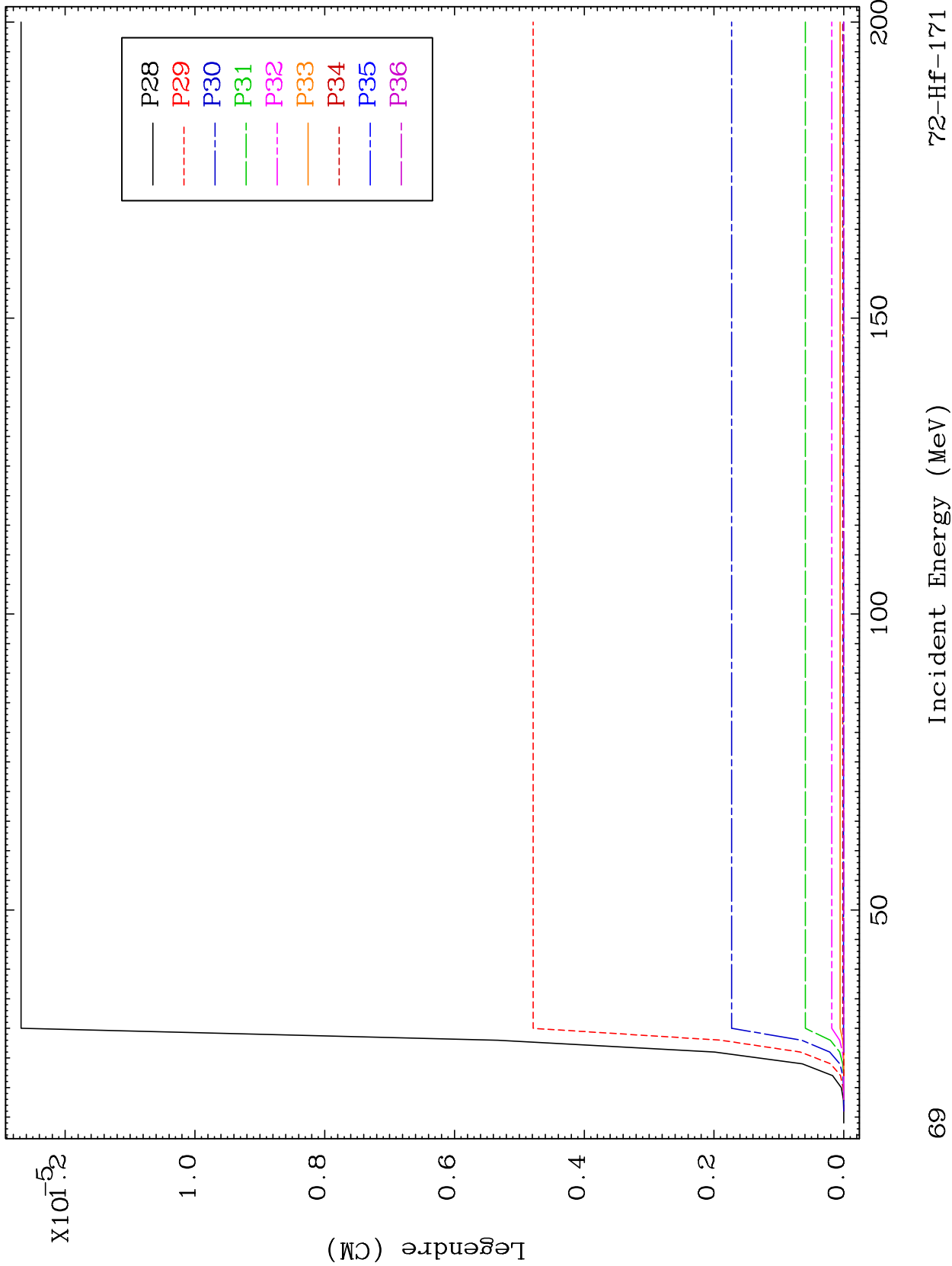
Incident Energy (MeV)

72-Hf-171

MAT 7216

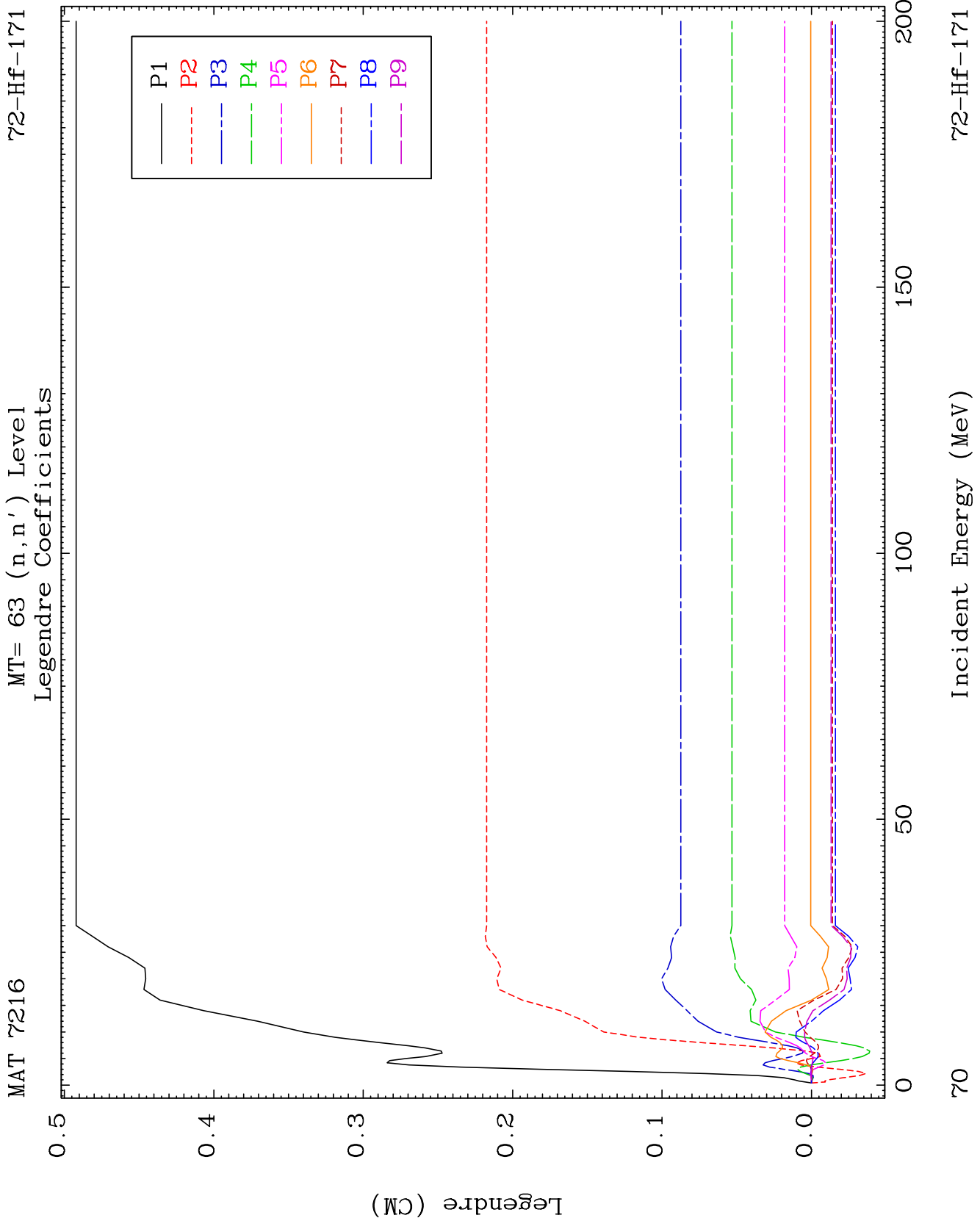
MT= 62 (n,n') Level
Legendre Coefficients

72-Hf-171



69

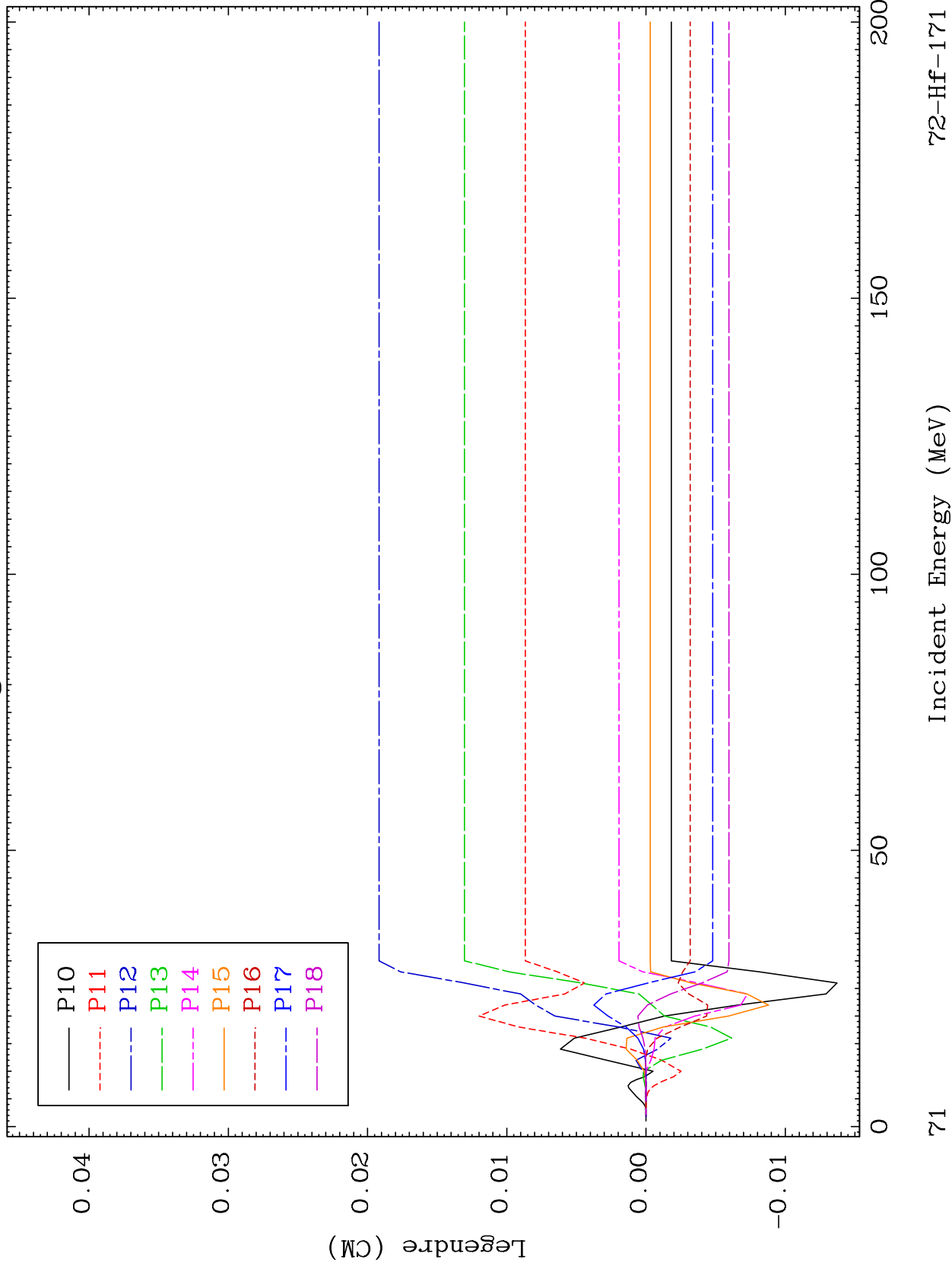
72-Hf-171



MAT 7216

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

72-Hf-171



71

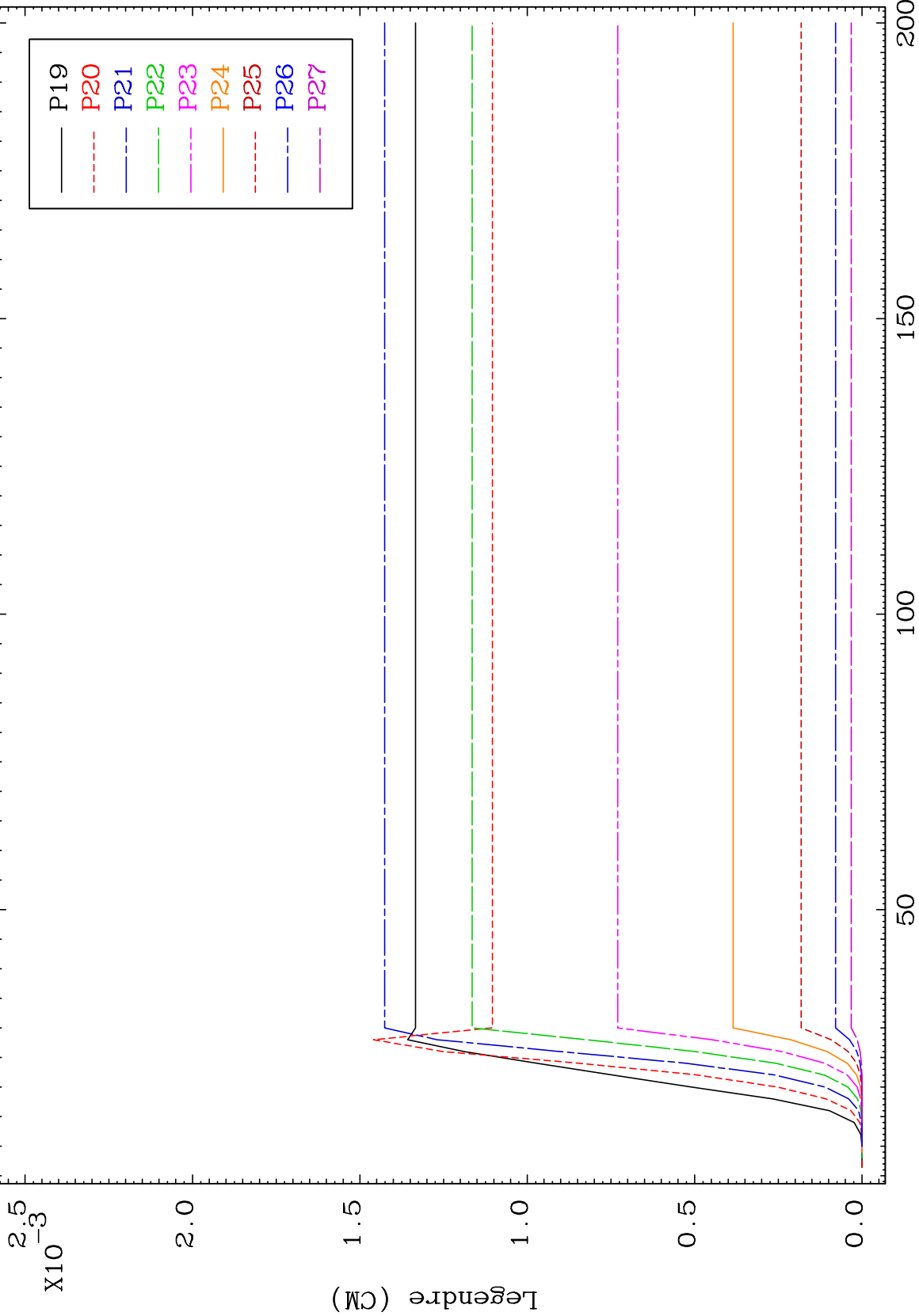
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



72

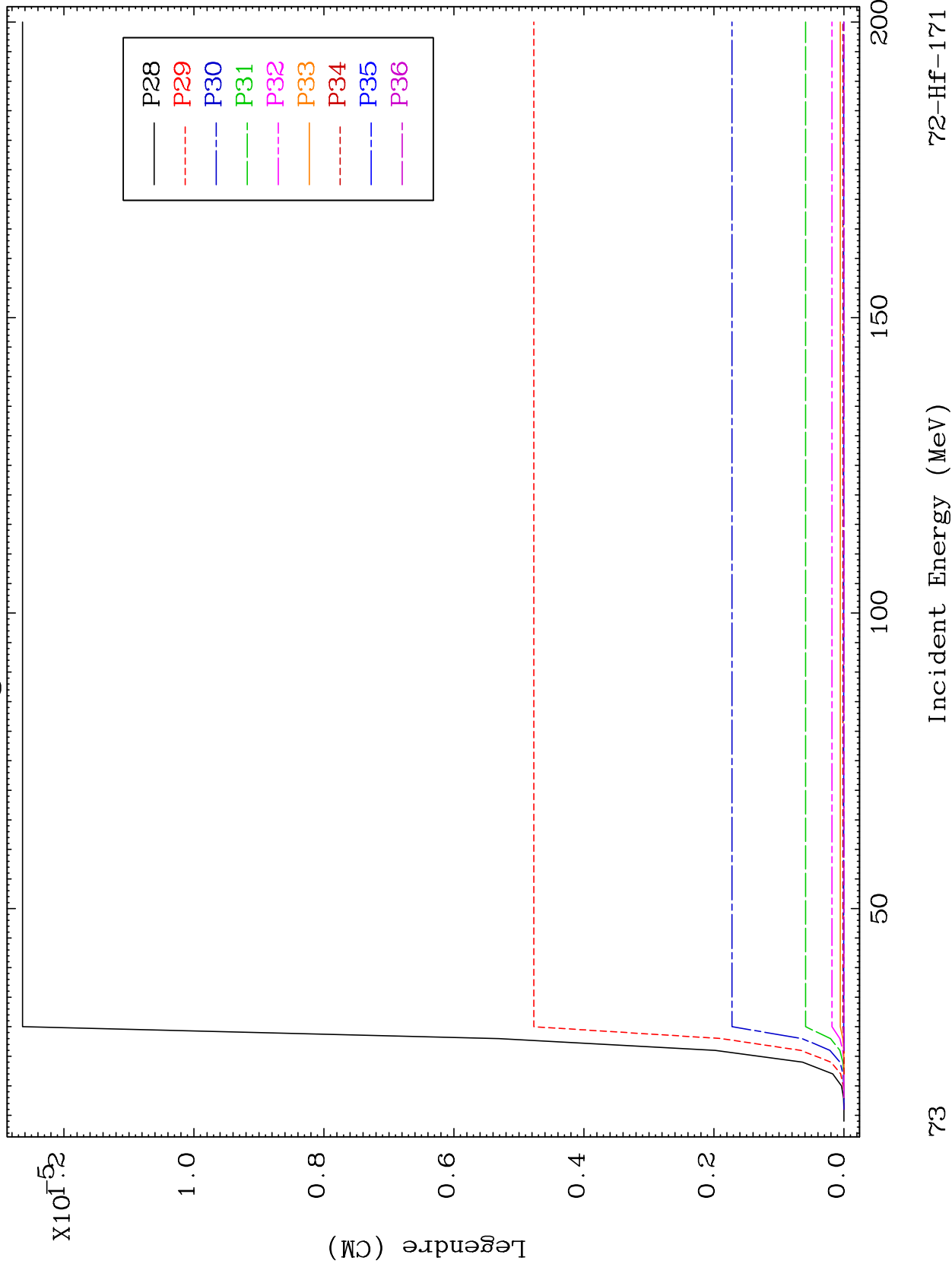
Incident Energy (MeV)

72-Hf-171

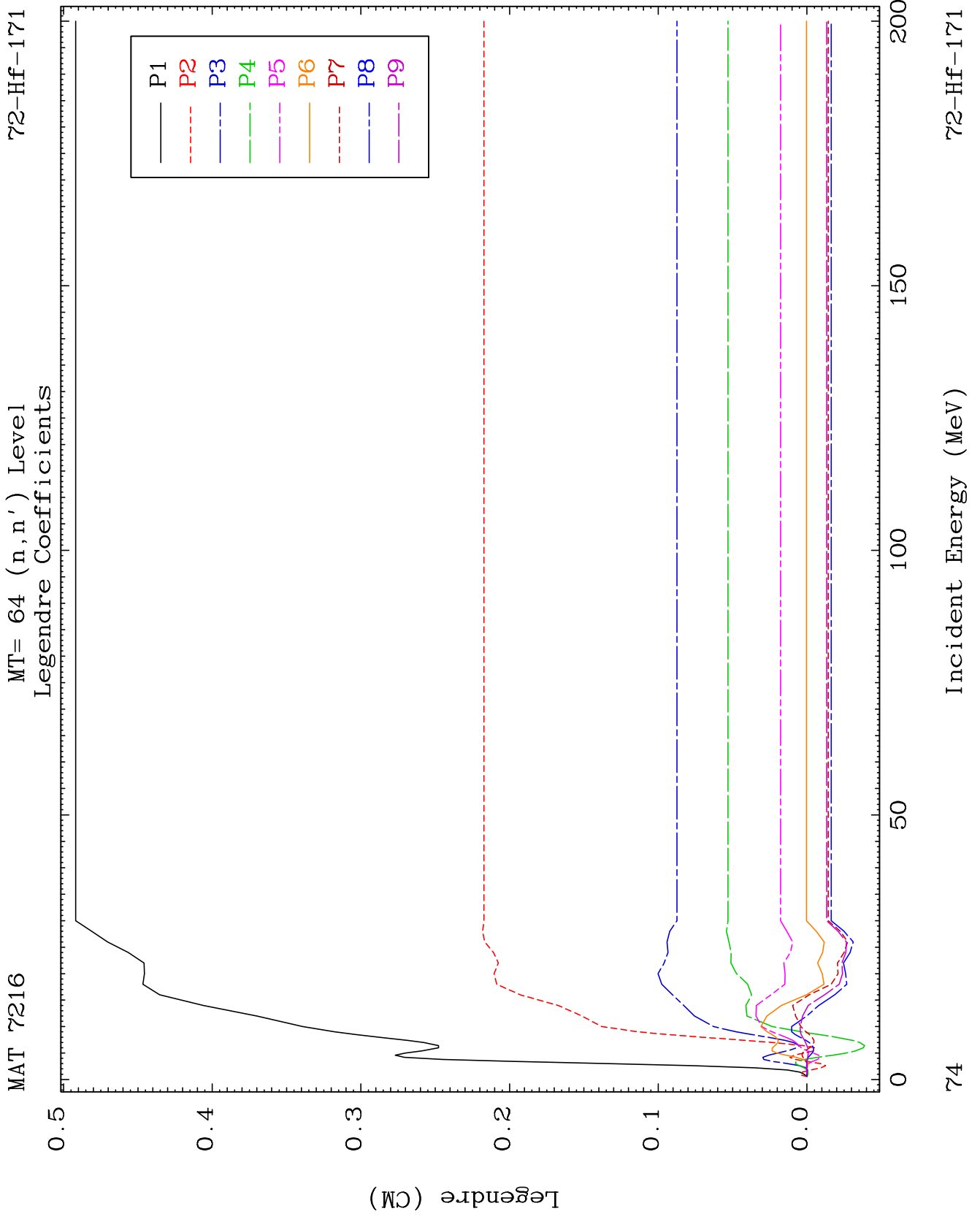
MAT 7216

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

72-Hf-171



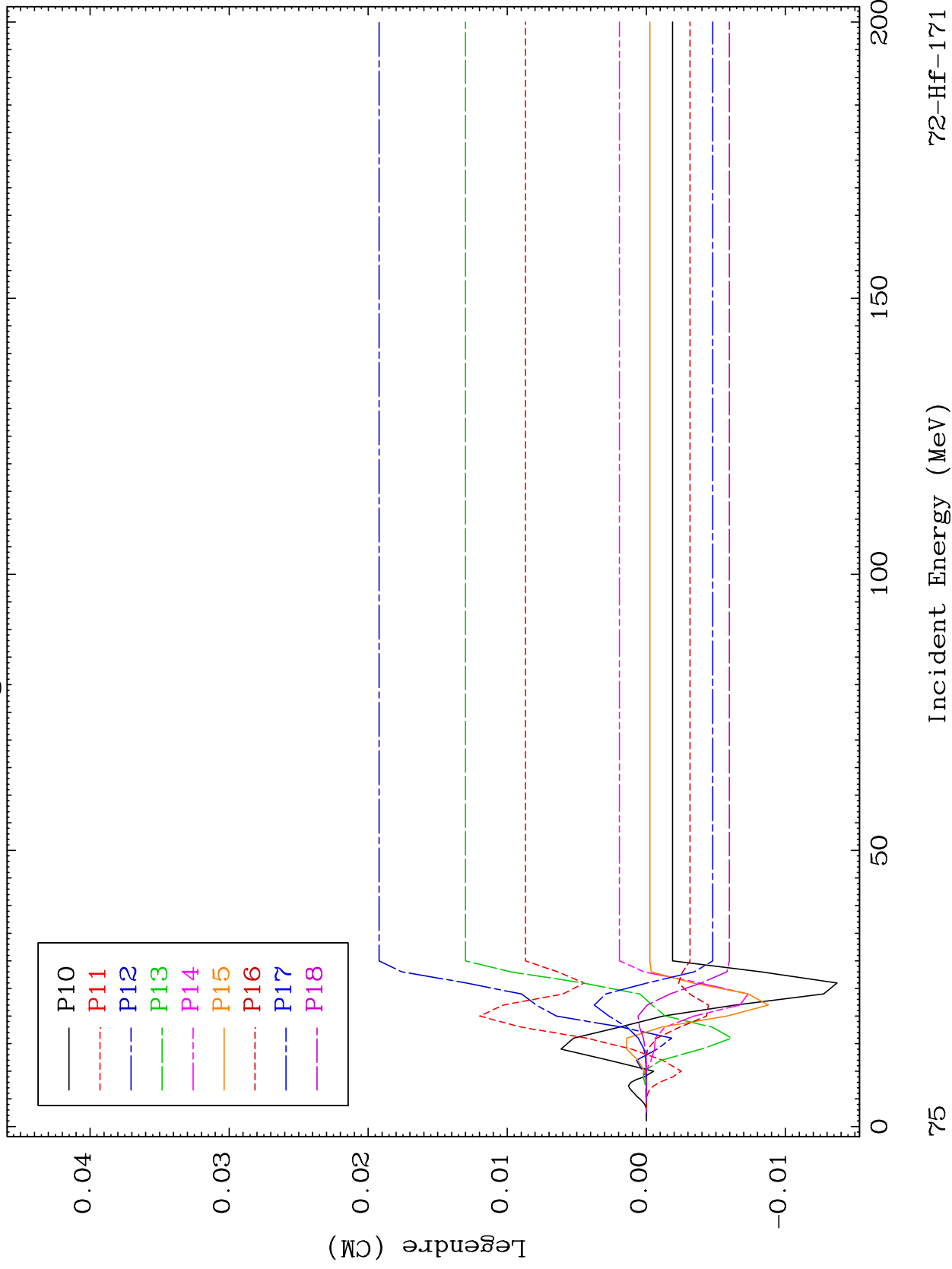
73



MAT 7216

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

72-Hf-171



75

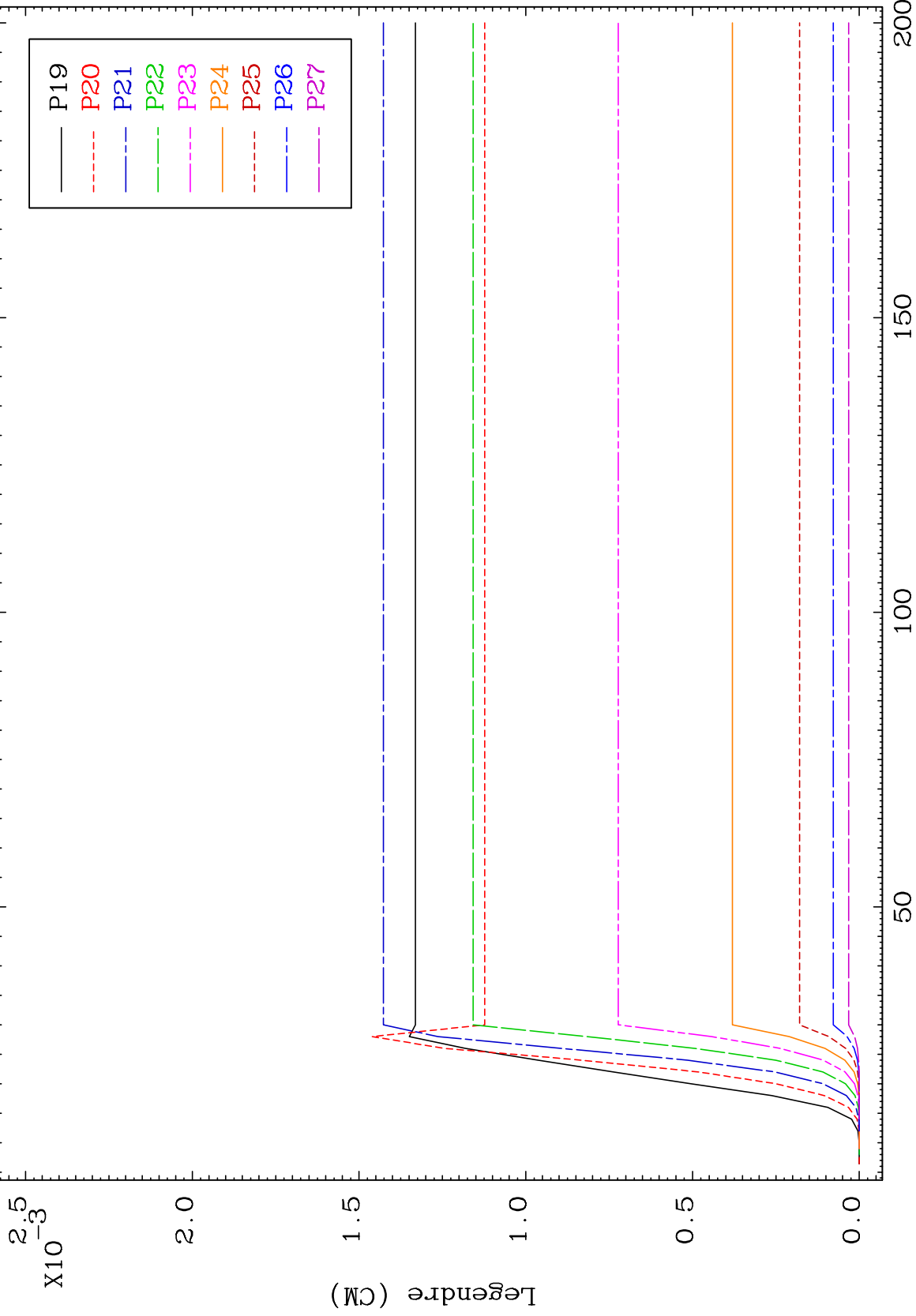
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



76

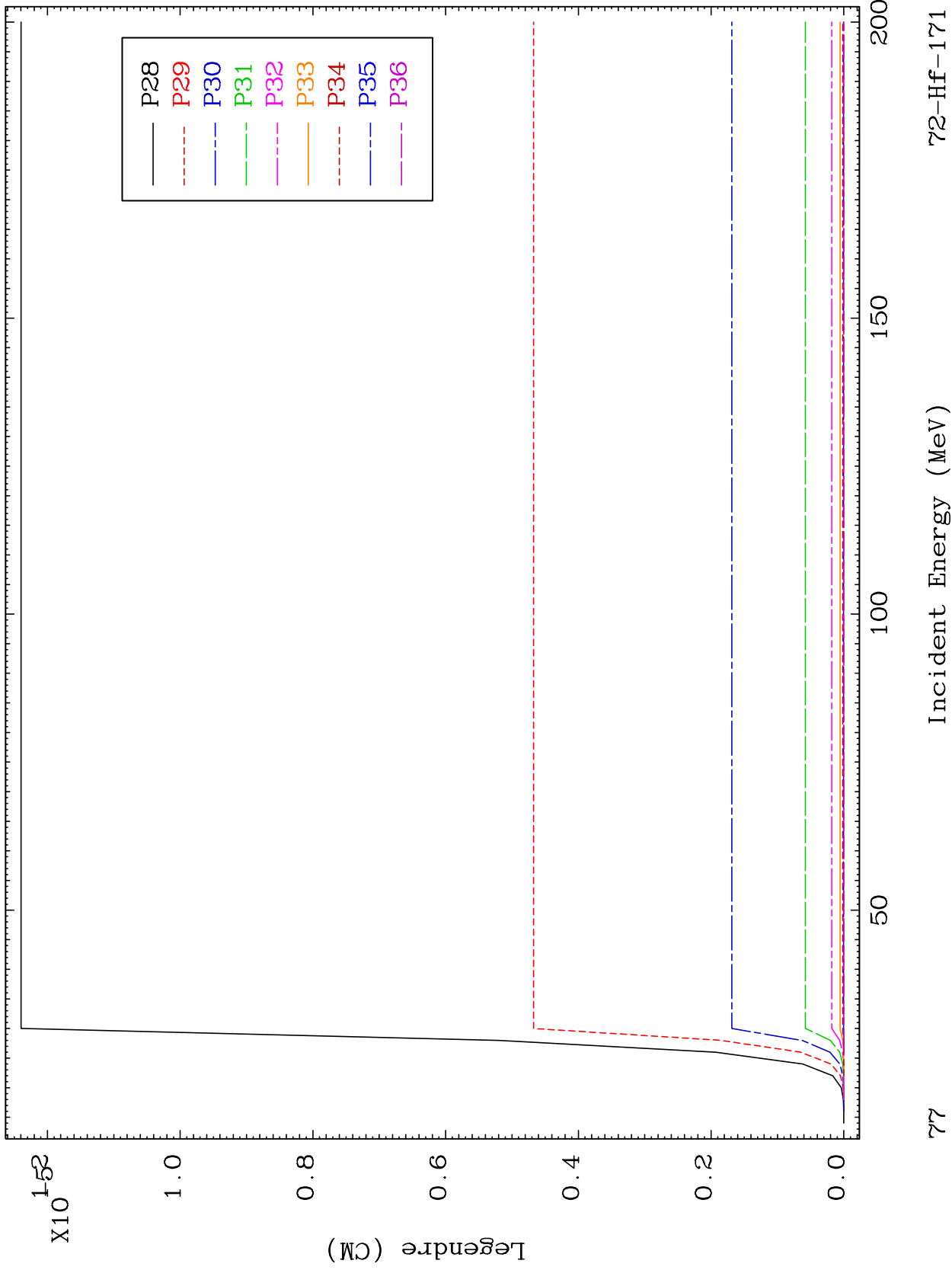
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

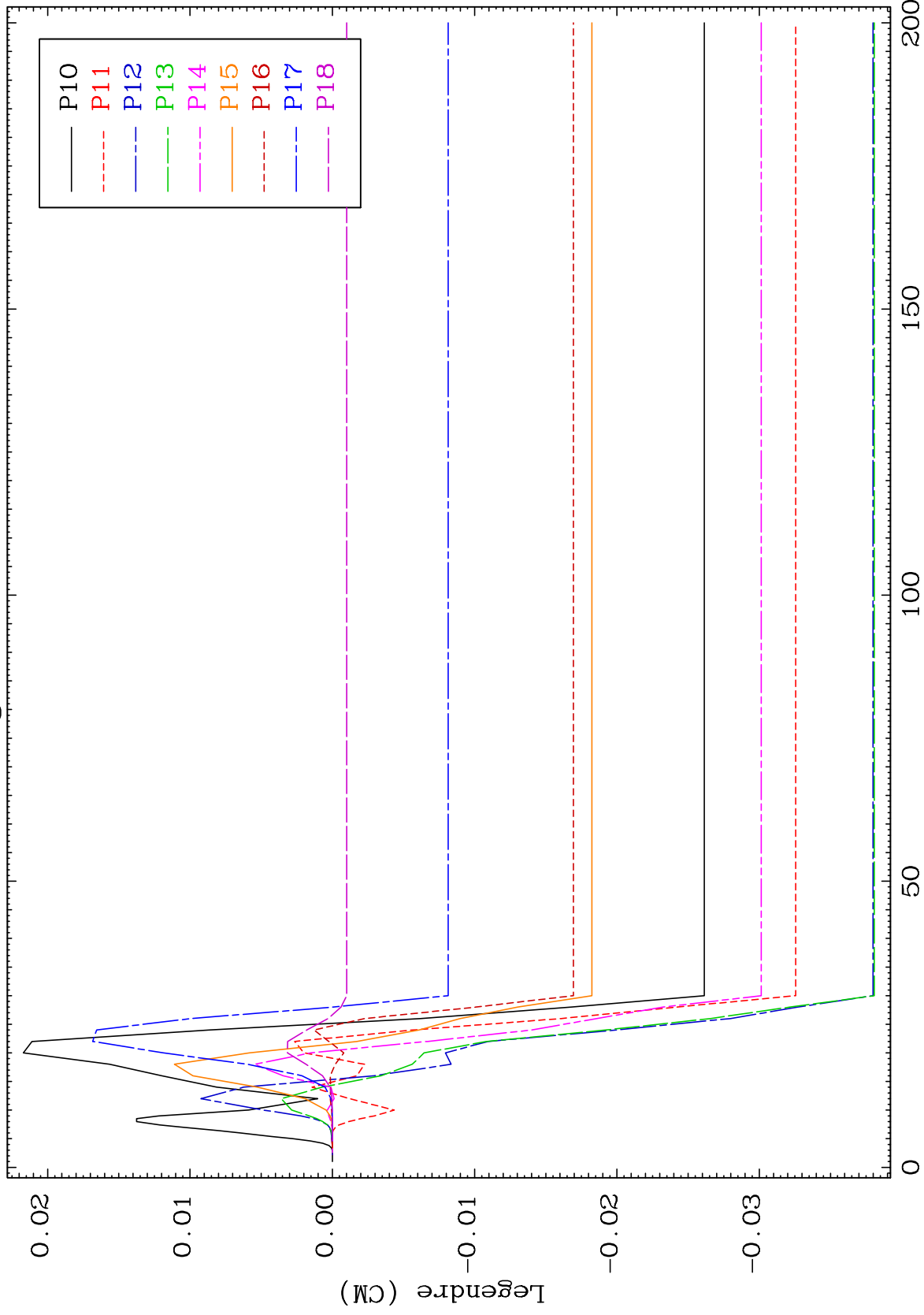
72-Hf-171



MAT 7216

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

72-Hf-171



79

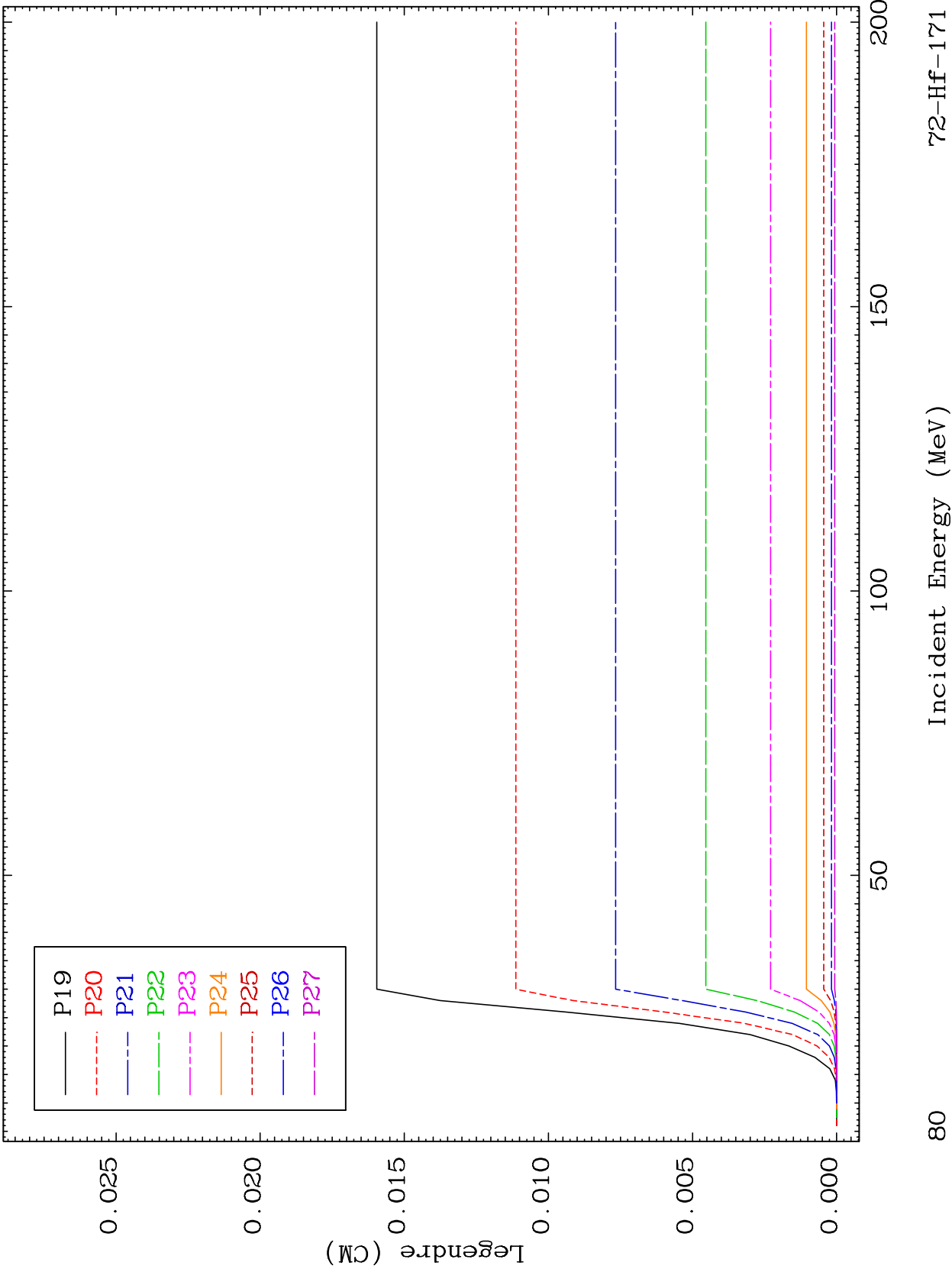
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

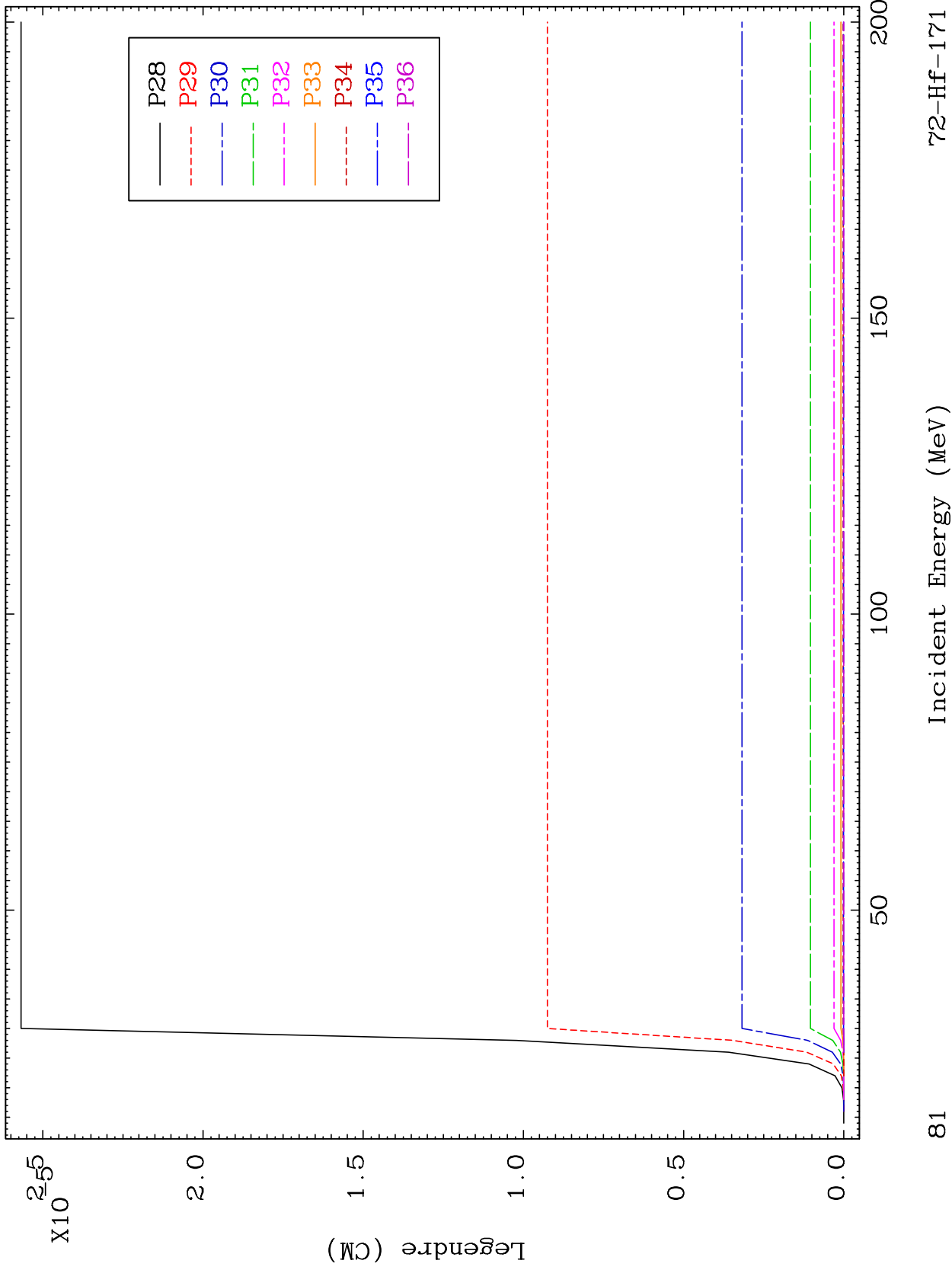
72-Hf-171

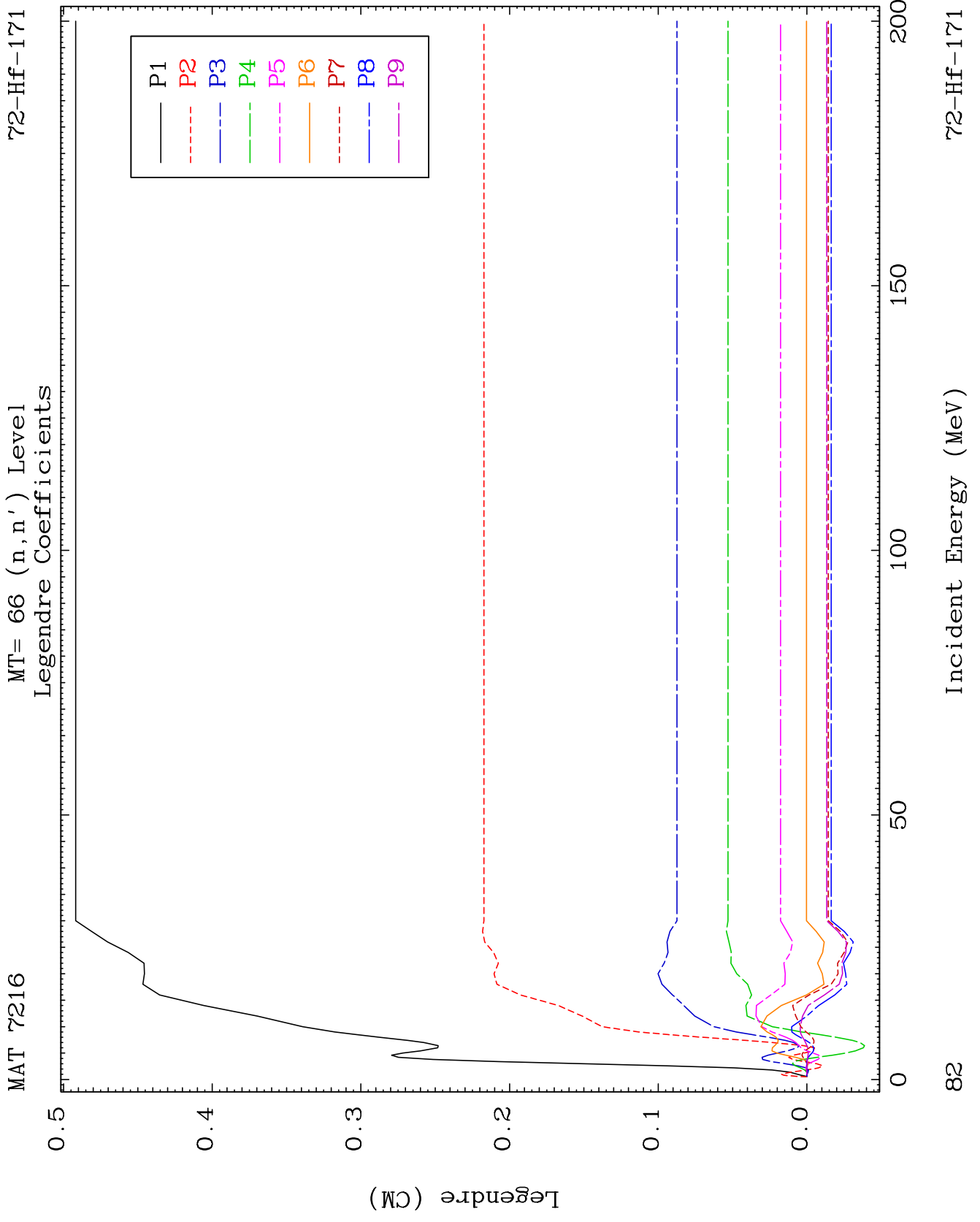


72-Hf-171

Incident Energy (MeV)

80

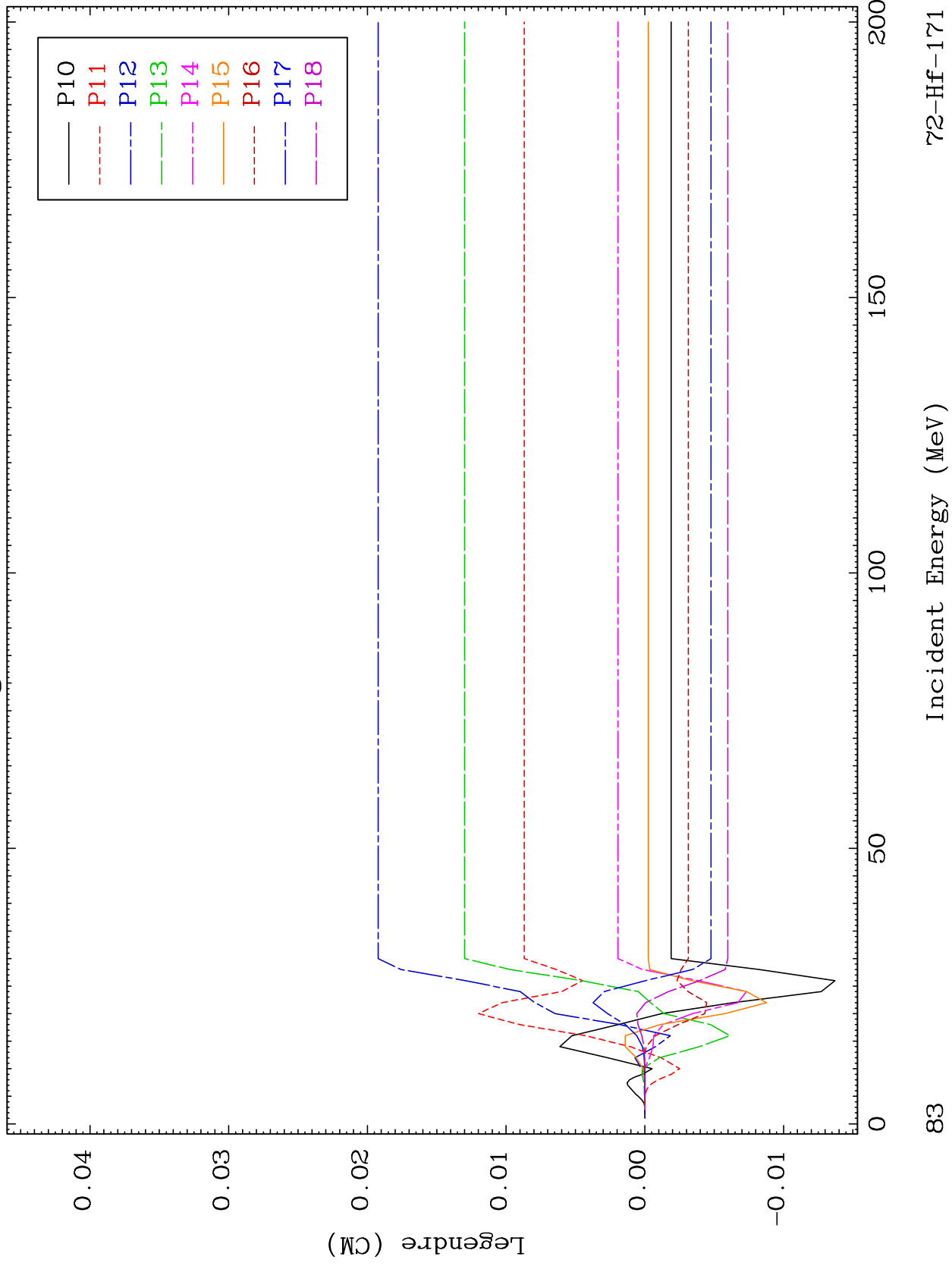




MAT 7216

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

72-Hf-171



83

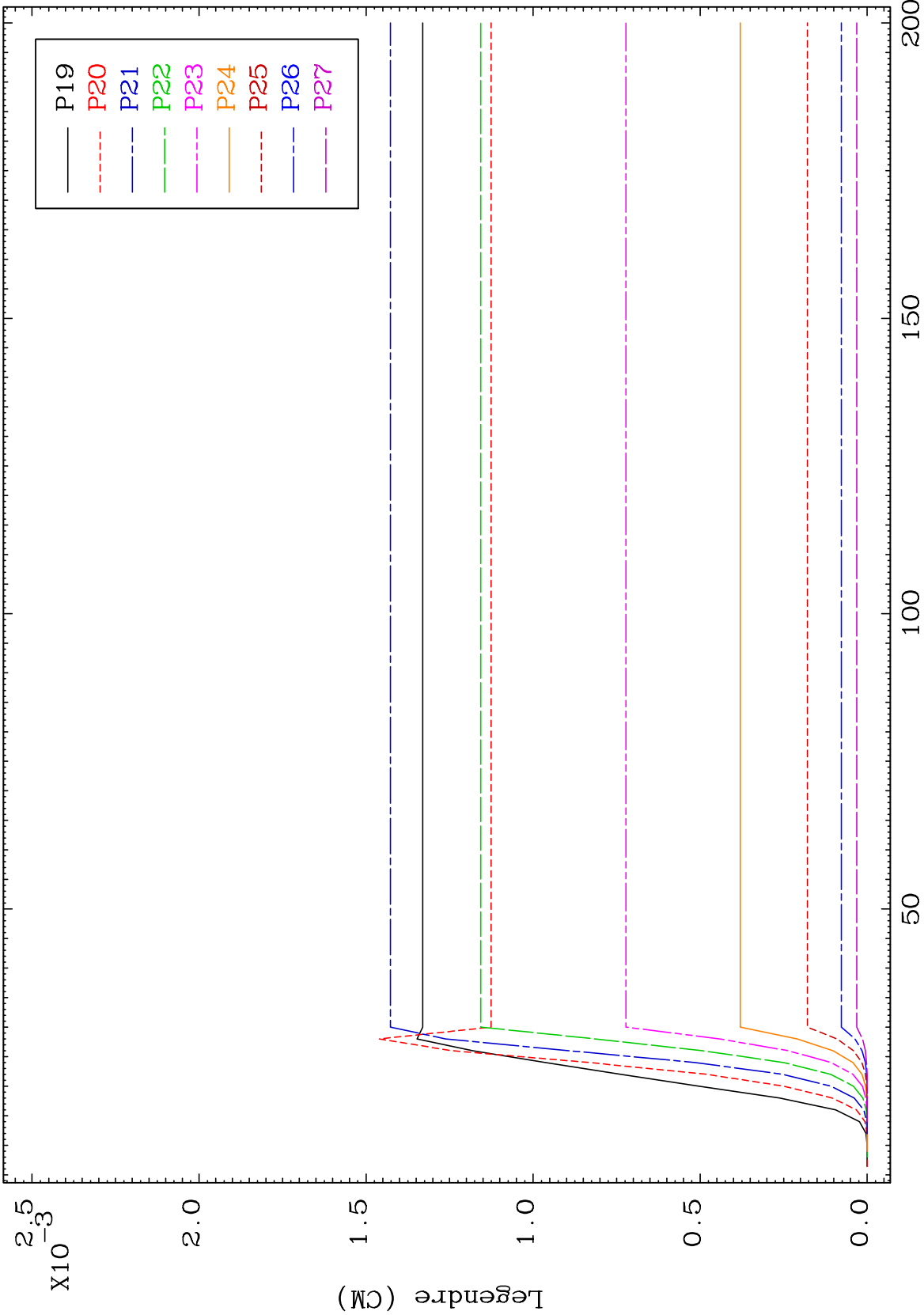
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



84

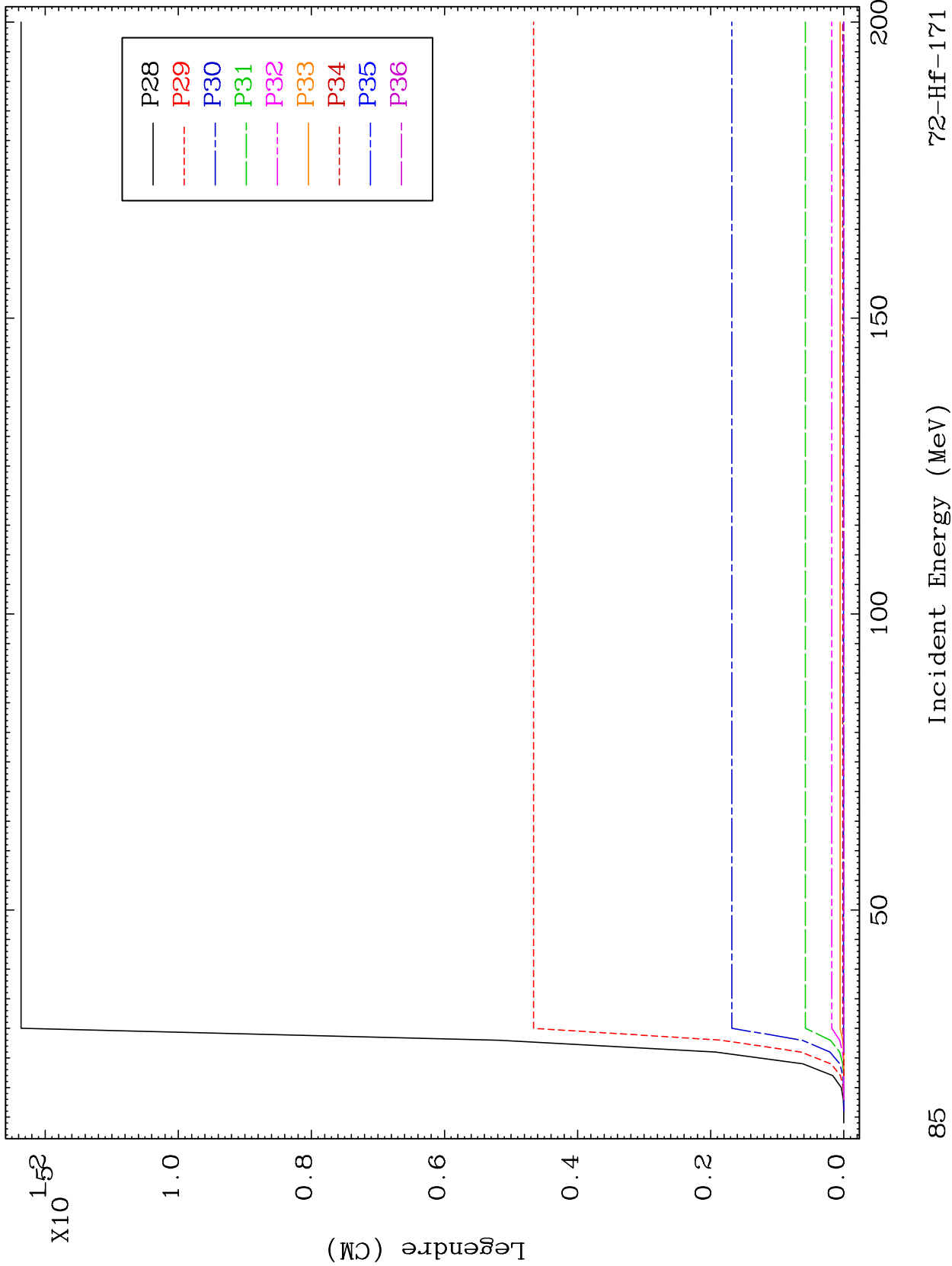
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



85

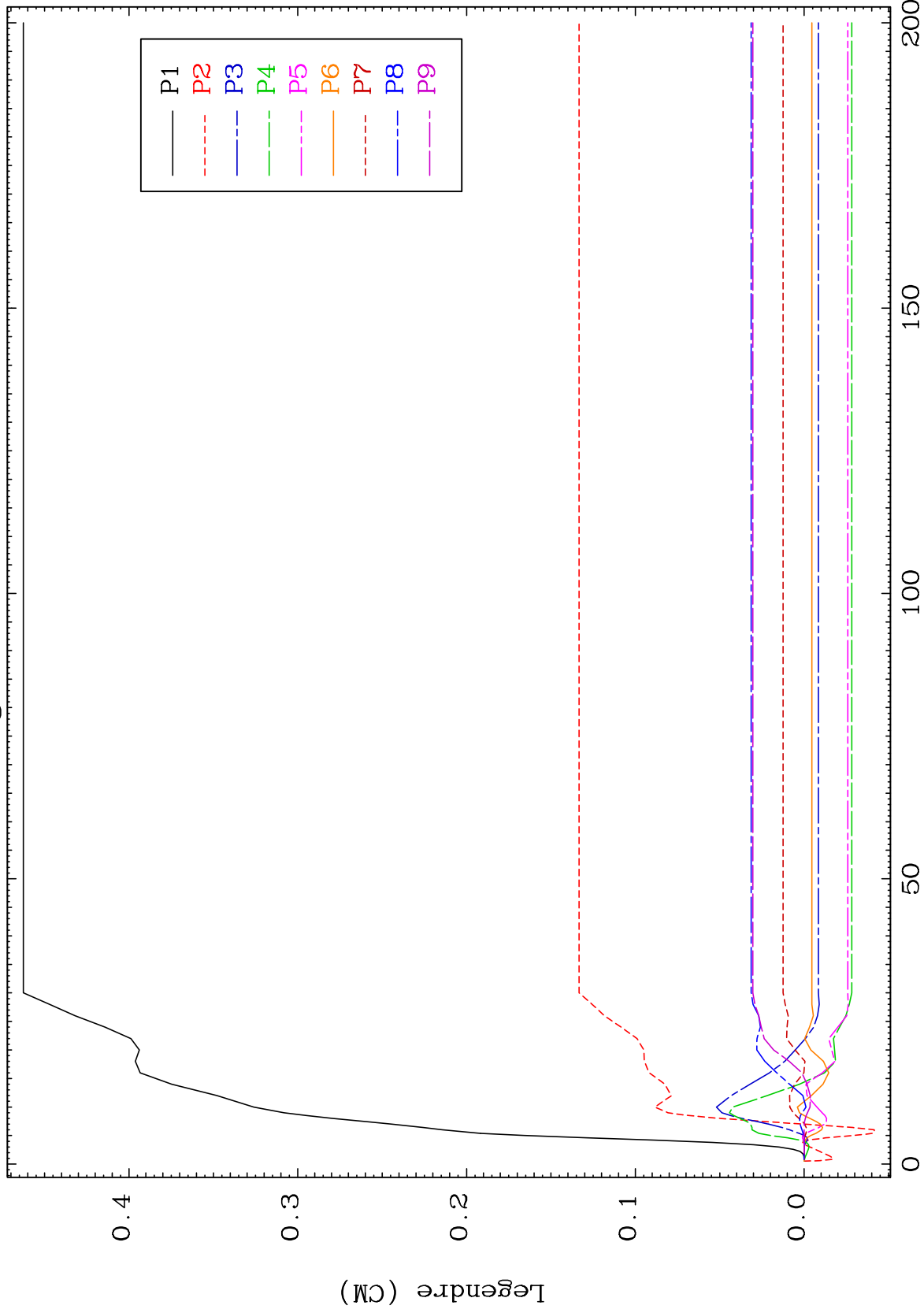
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



86

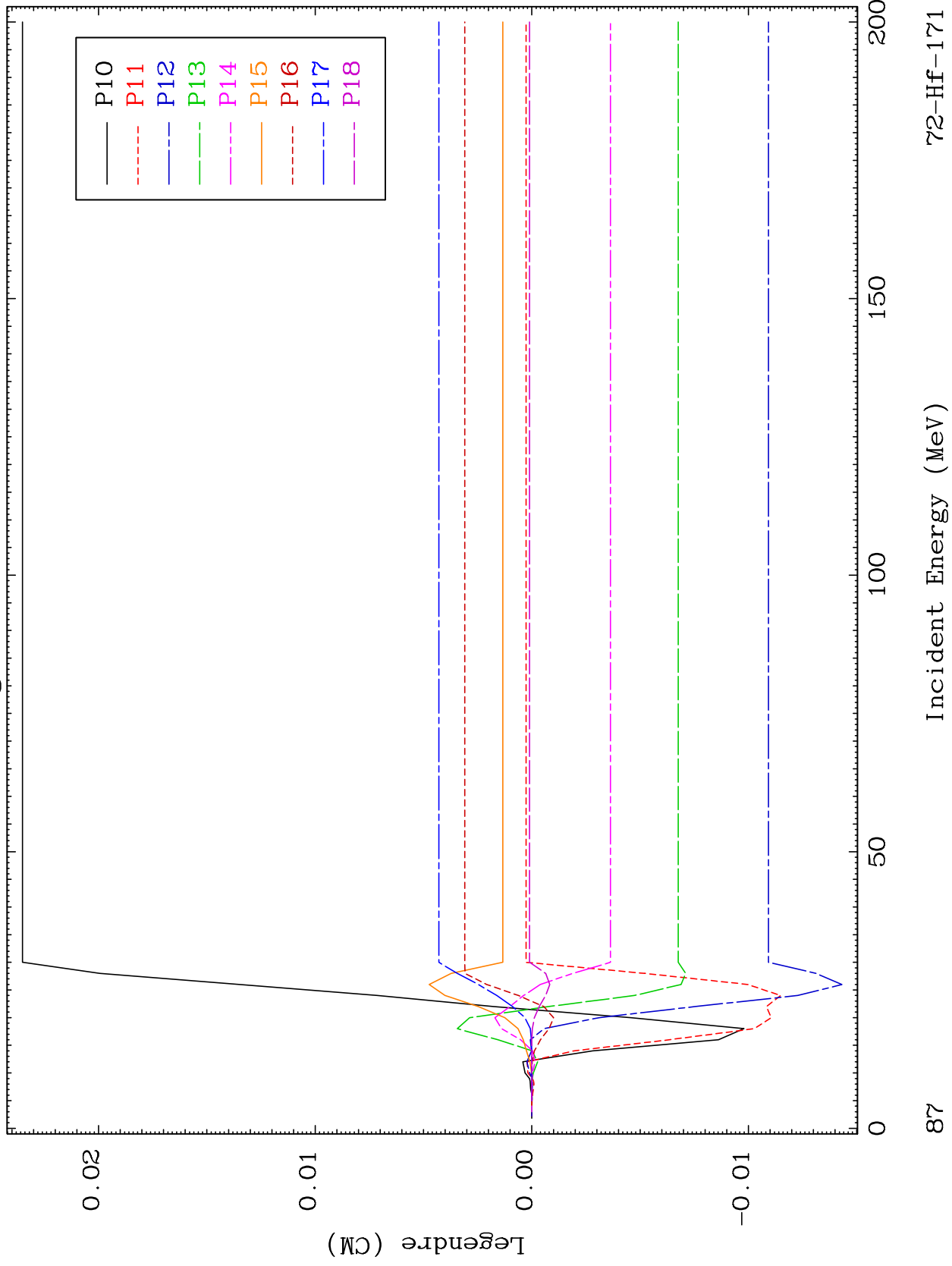
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

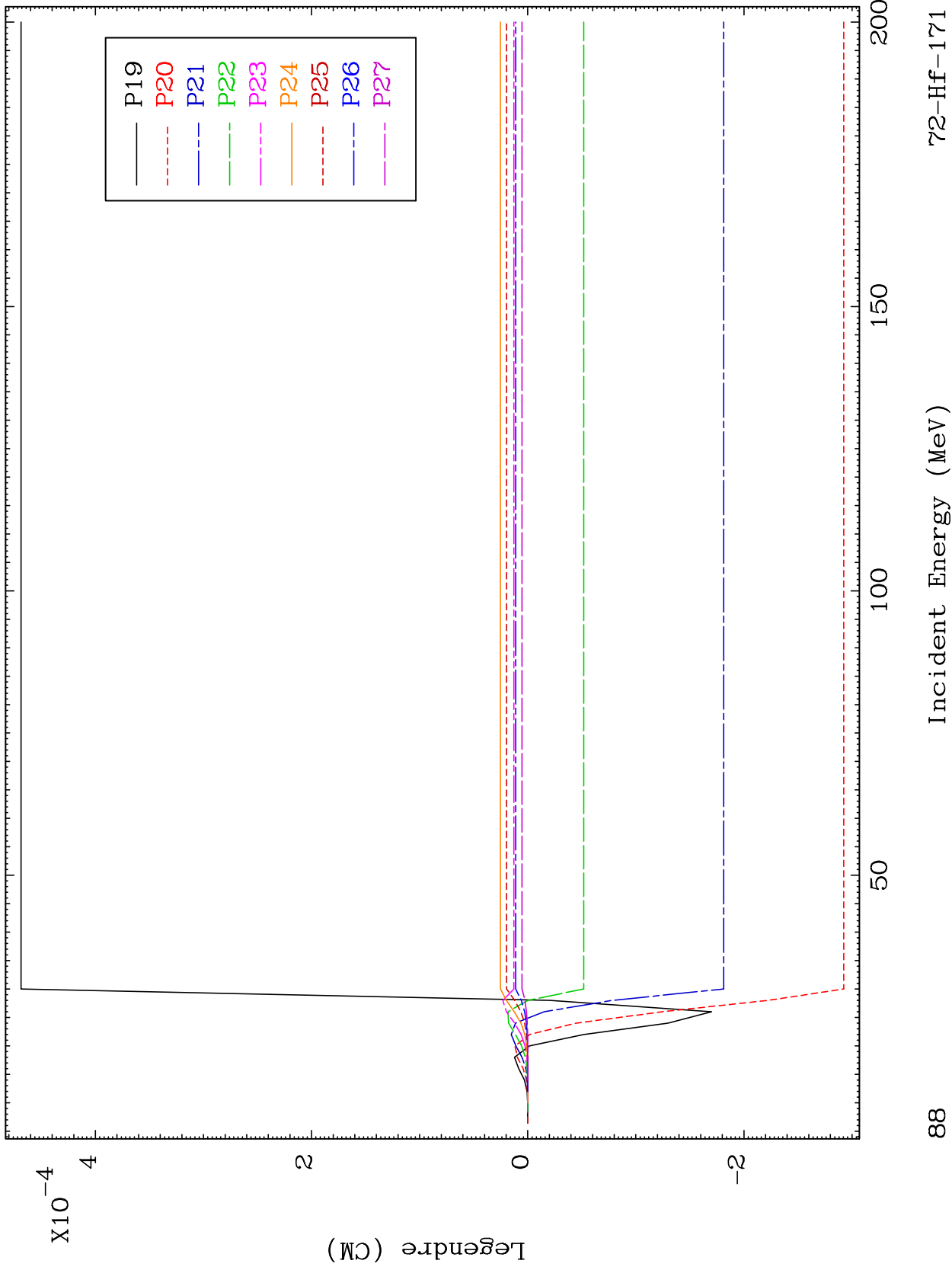
72-Hf-171



72-Hf-171

Incident Energy (MeV)

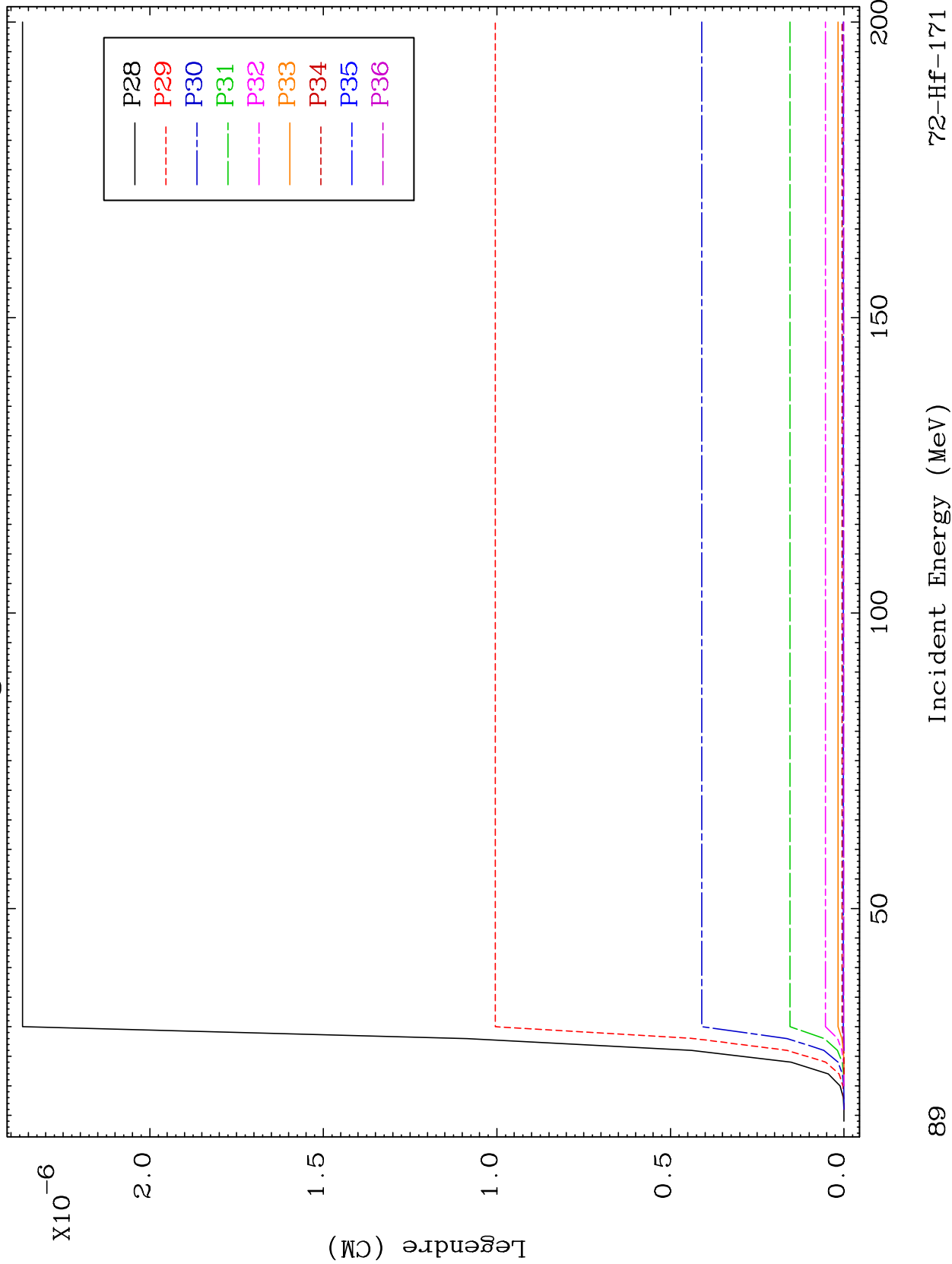
87



MAT 7216

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

72-Hf-171



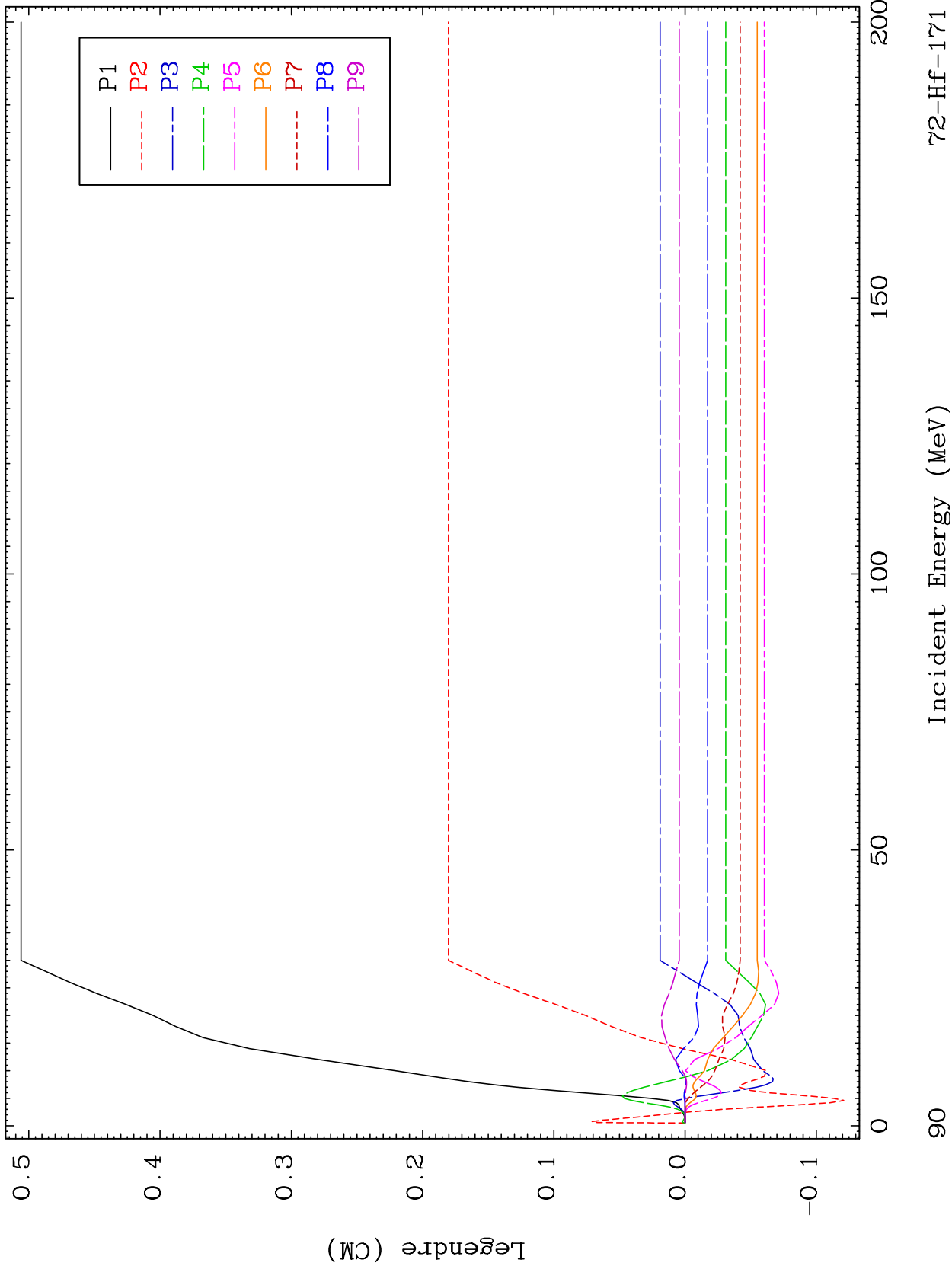
89

72-Hf-171

MAT 7216

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

72-Hf-171



72-Hf-171

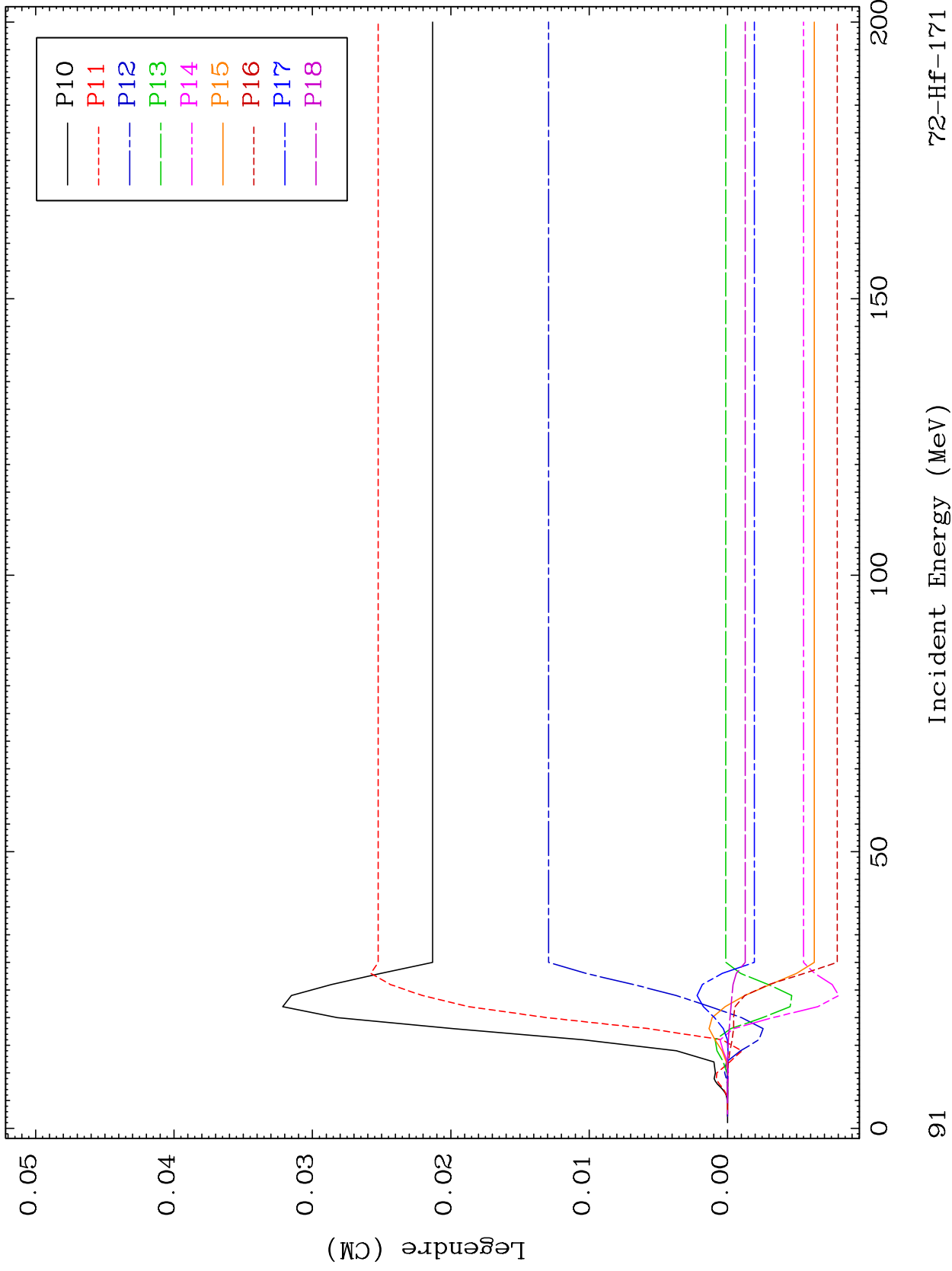
Incident Energy (MeV)

90

MAT 7216

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

72-Hf-171



91

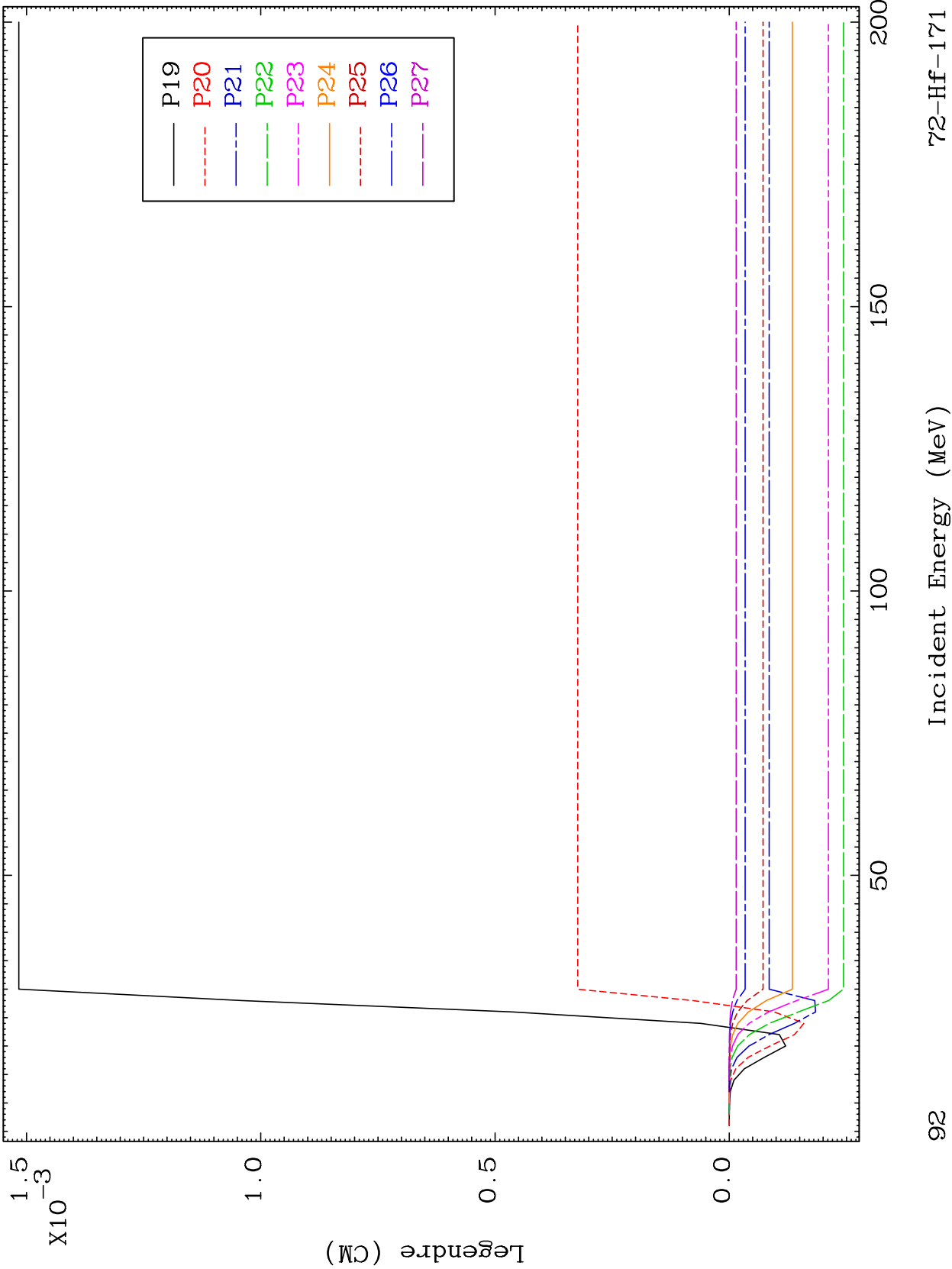
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

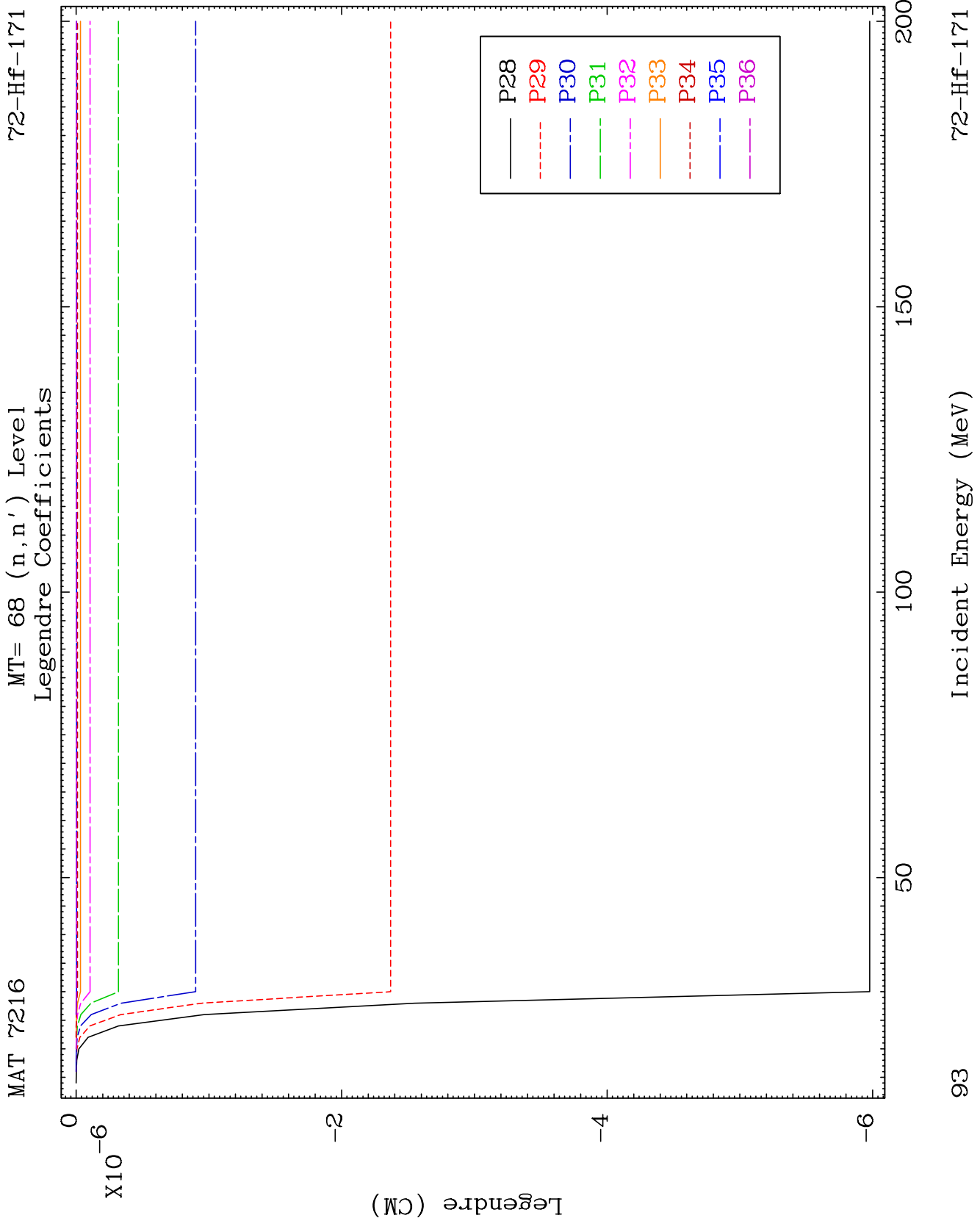
72-Hf-171



92

Incident Energy (MeV)

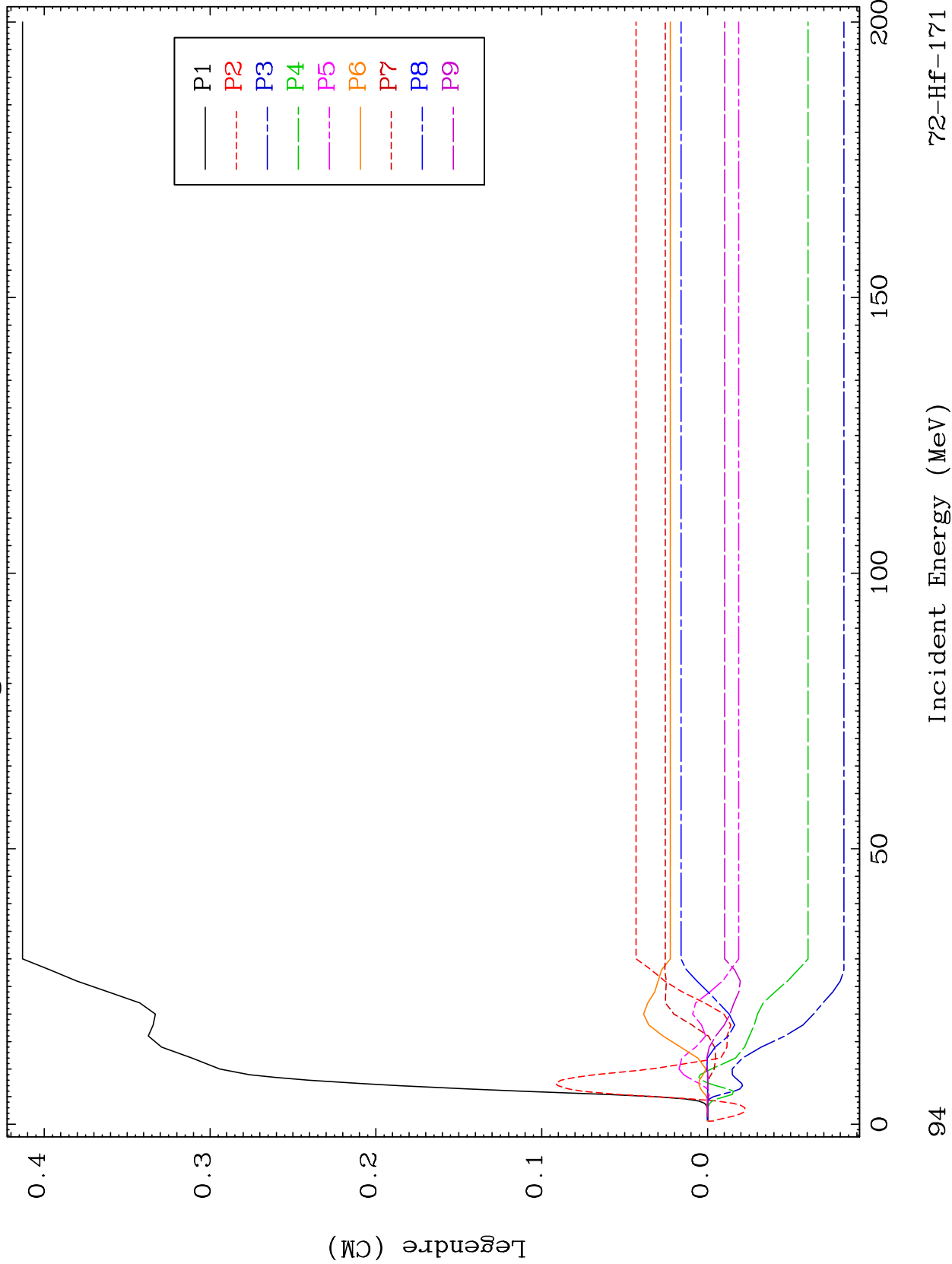
72-Hf-171



MAT 7216

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

72-Hf-171



94

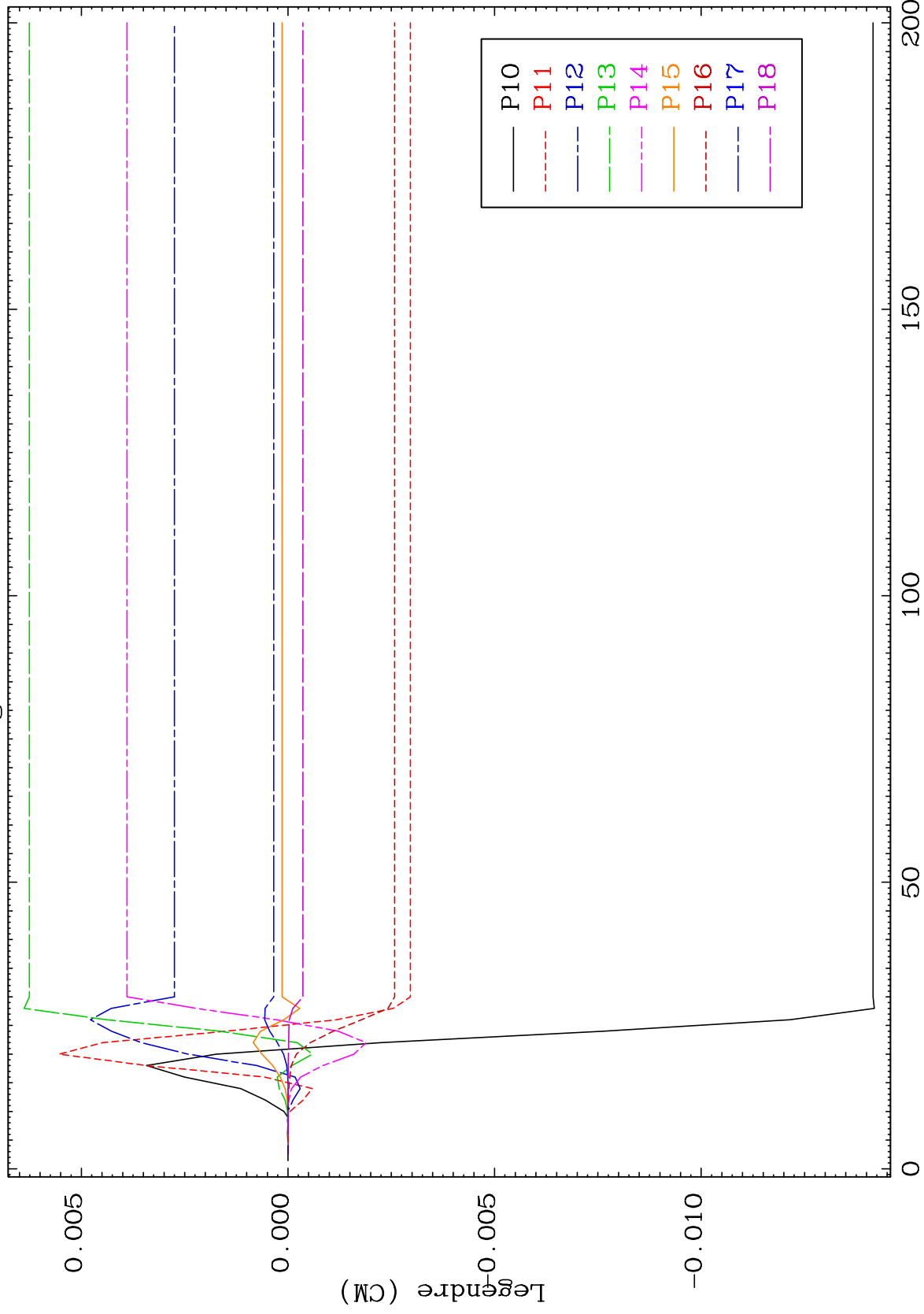
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



95

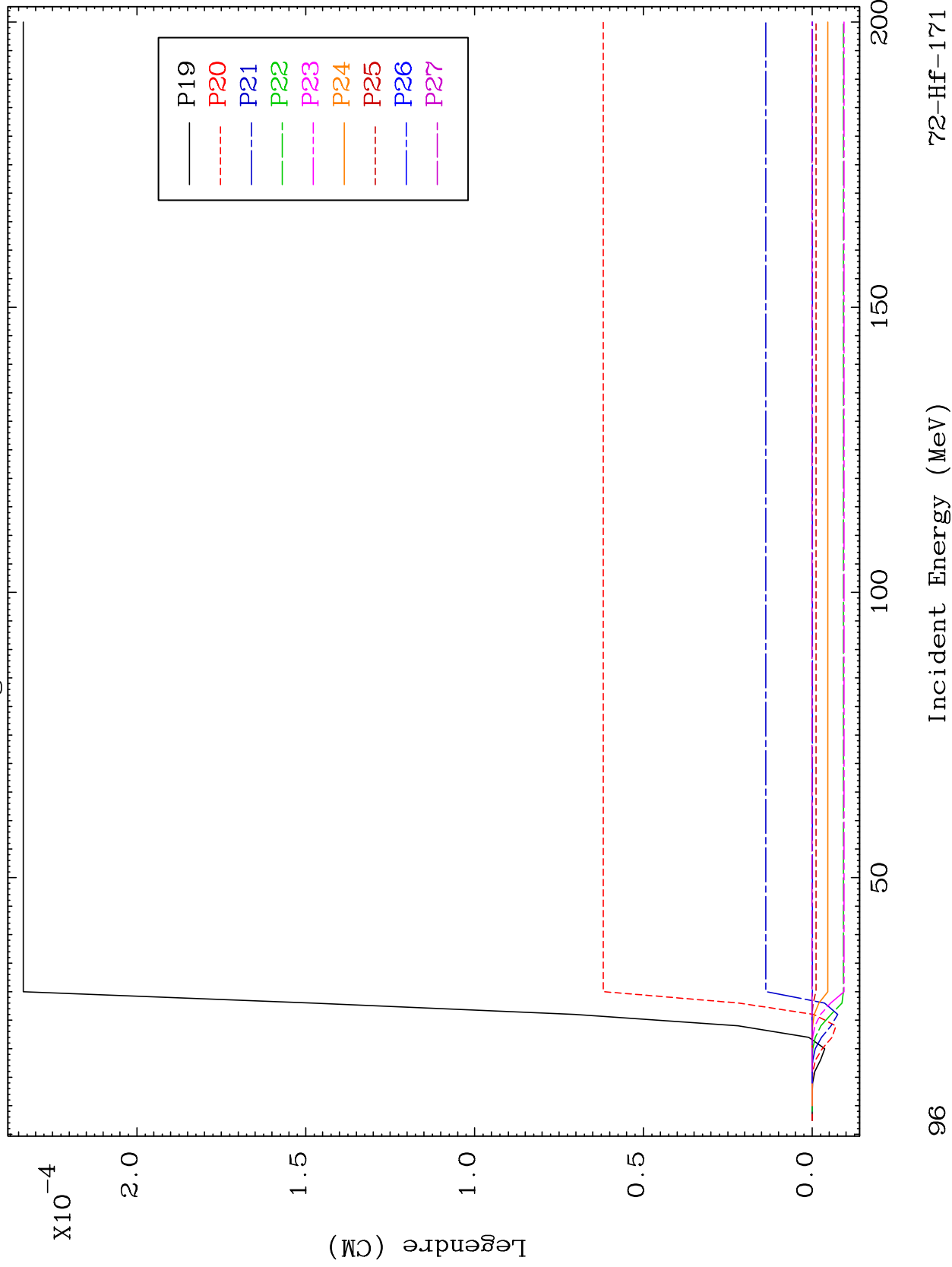
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

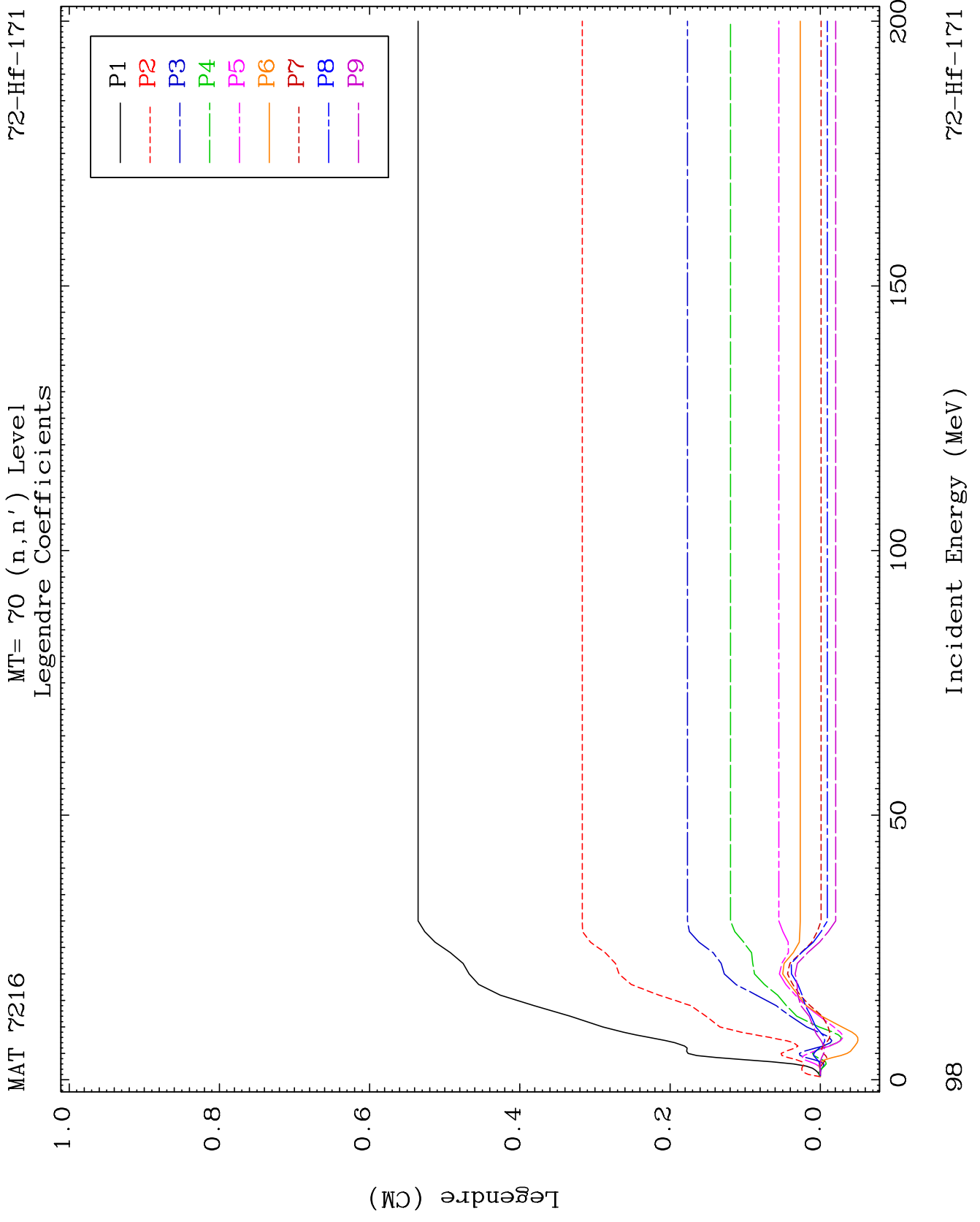
72-Hf-171

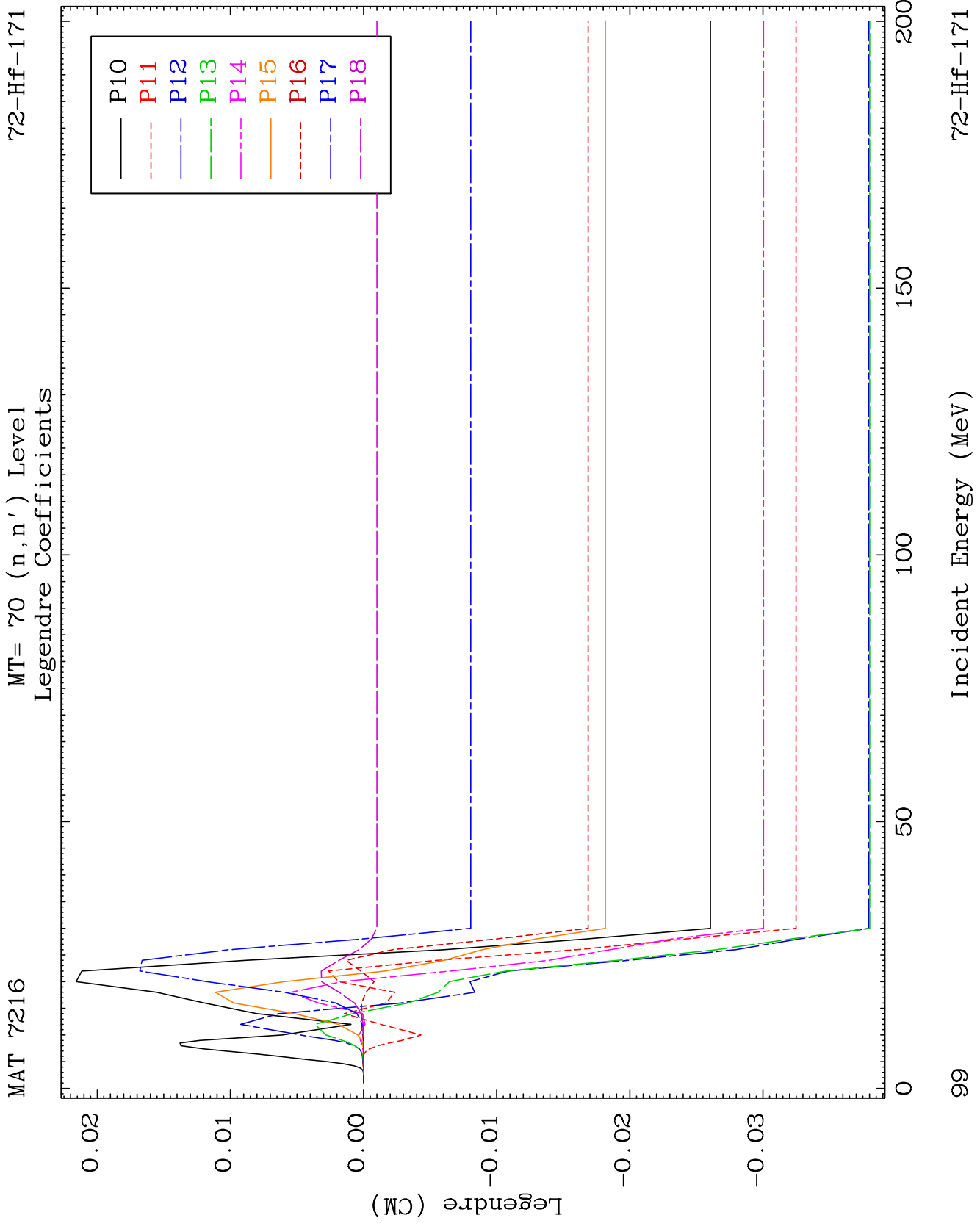


96

Incident Energy (MeV)

72-Hf-171

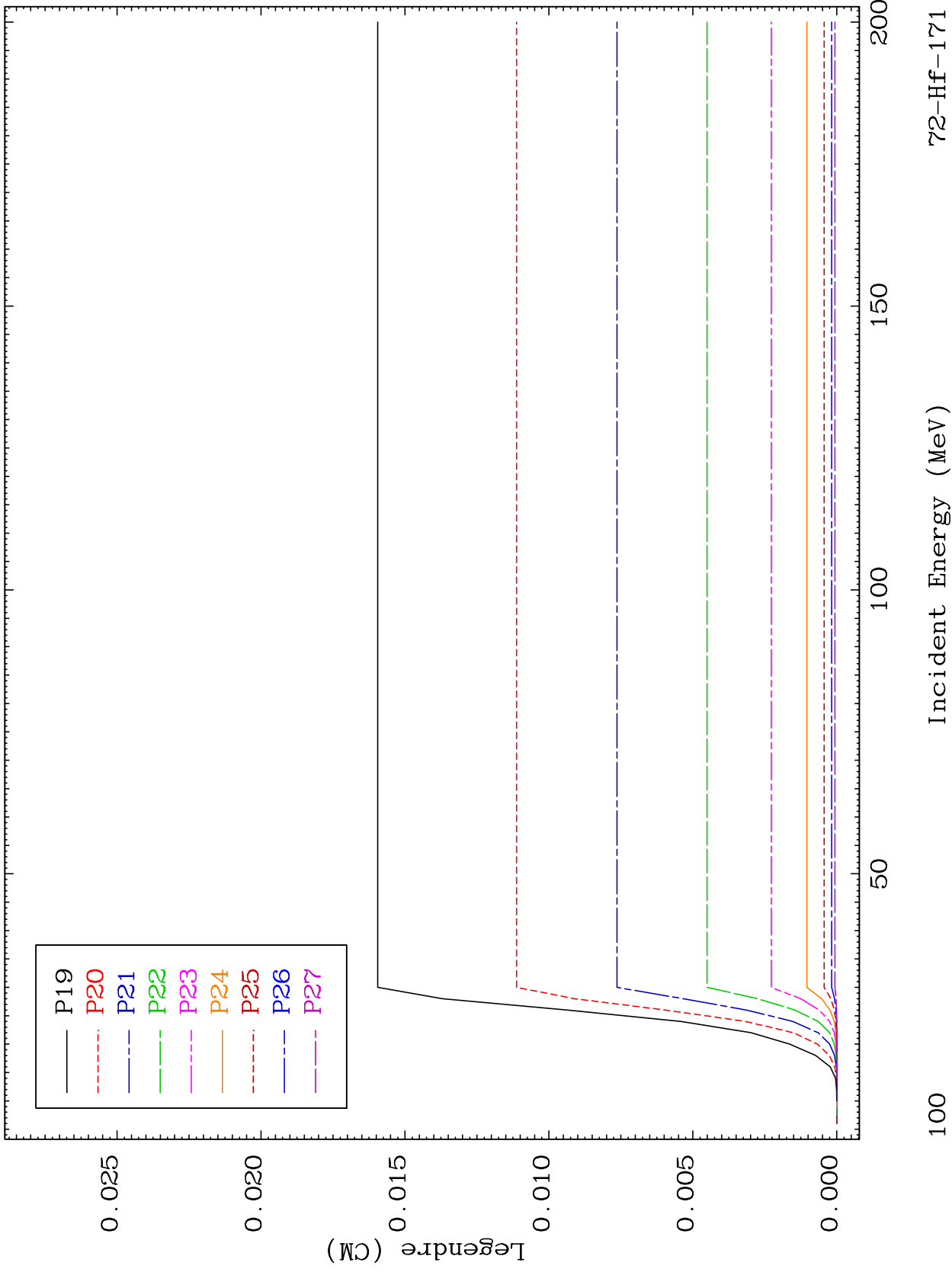




MAT 7216

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

72-Hf-171



72-Hf-171

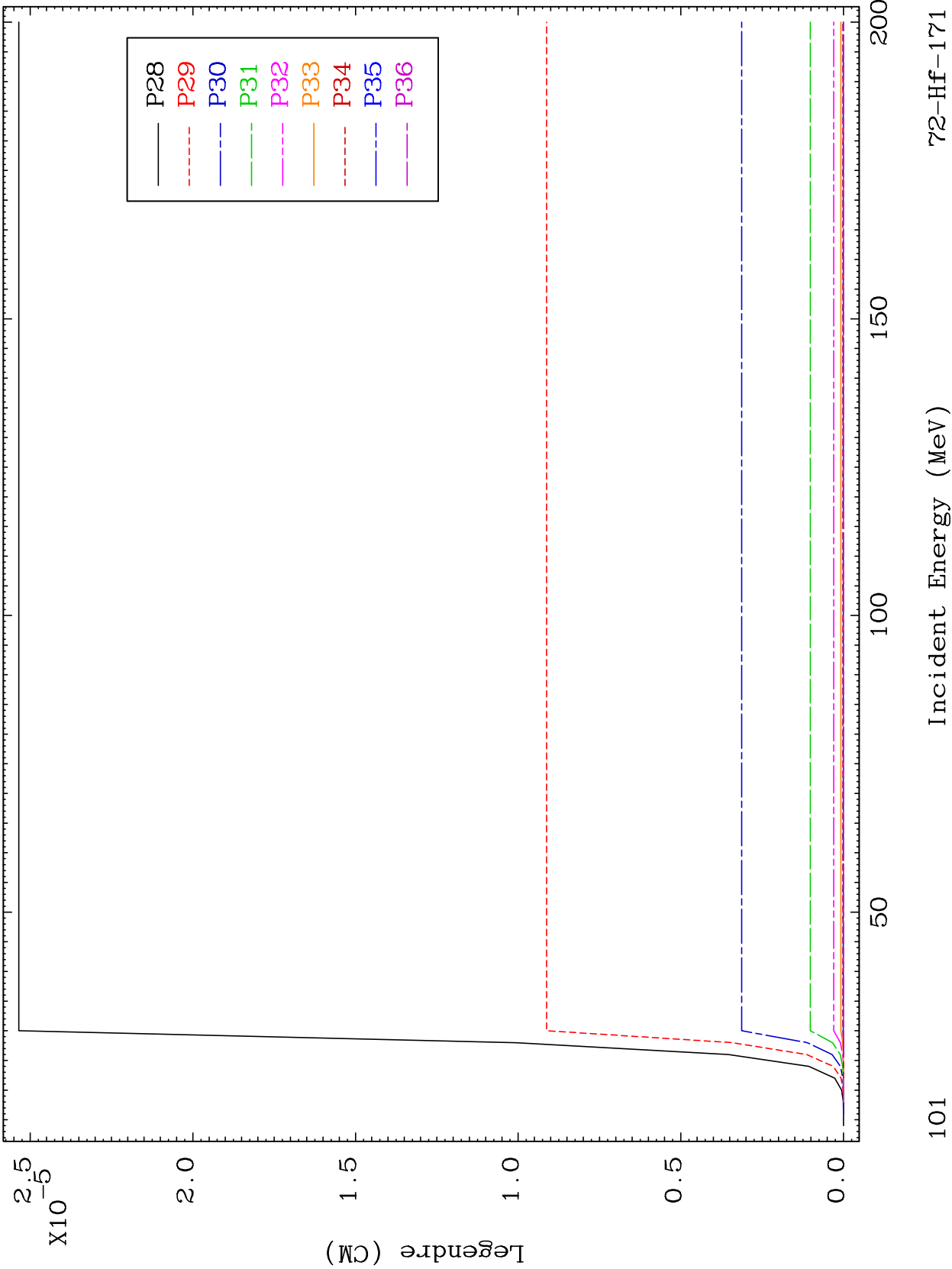
Incident Energy (MeV)

Legendre (CM)

MAT 7216

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

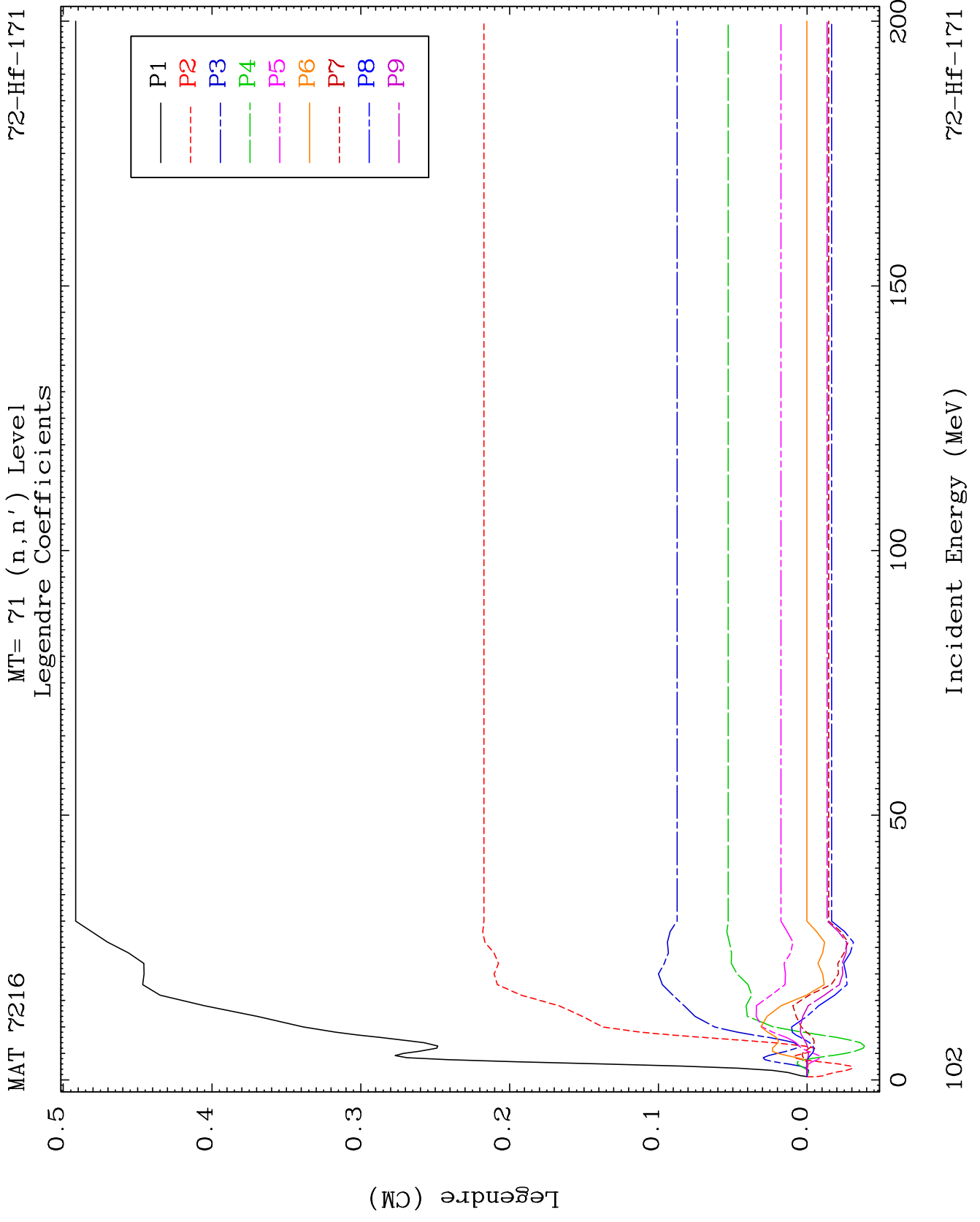
72-Hf-171

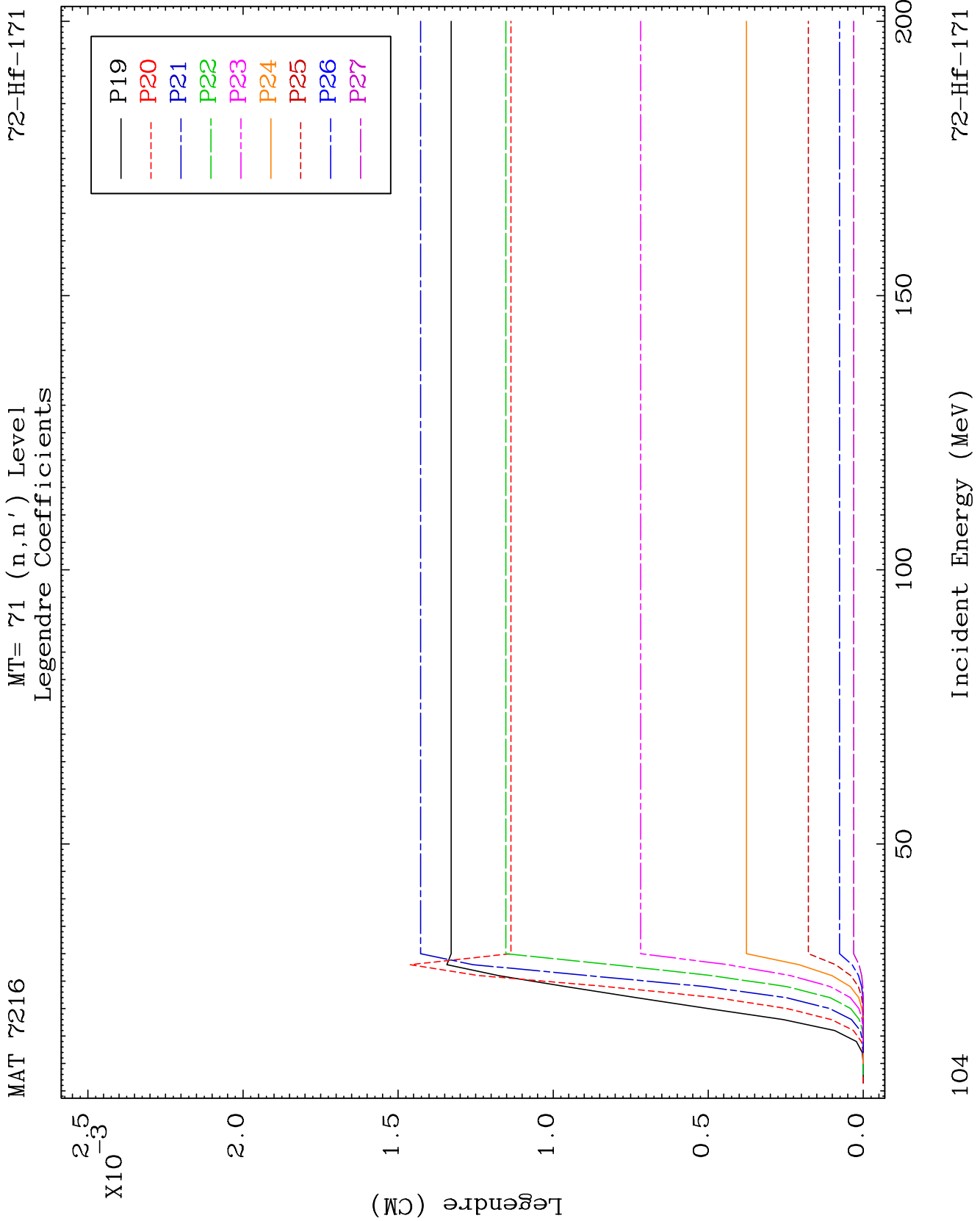


101

Incident Energy (MeV)

72-Hf-171

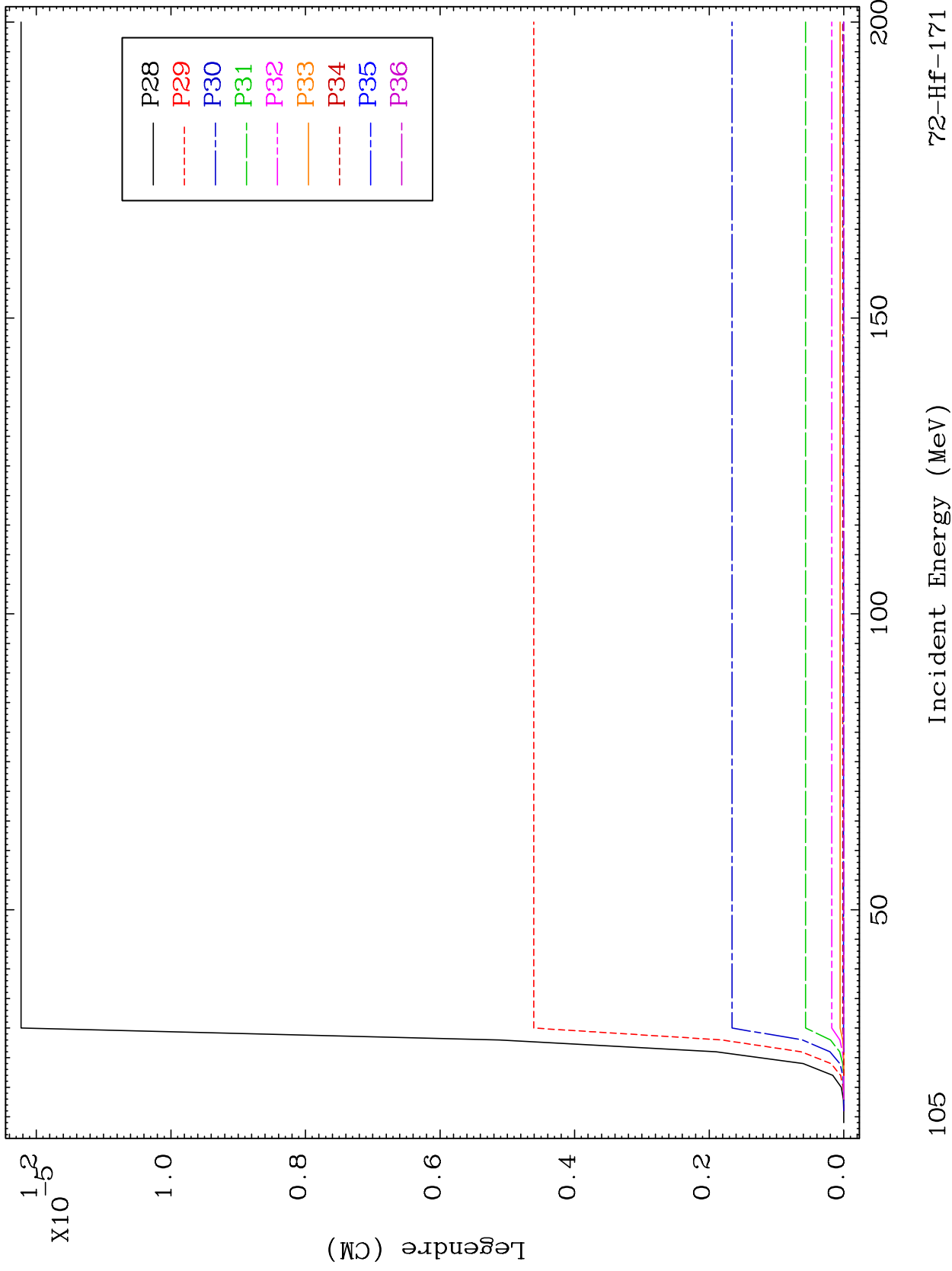




MAT 7216

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

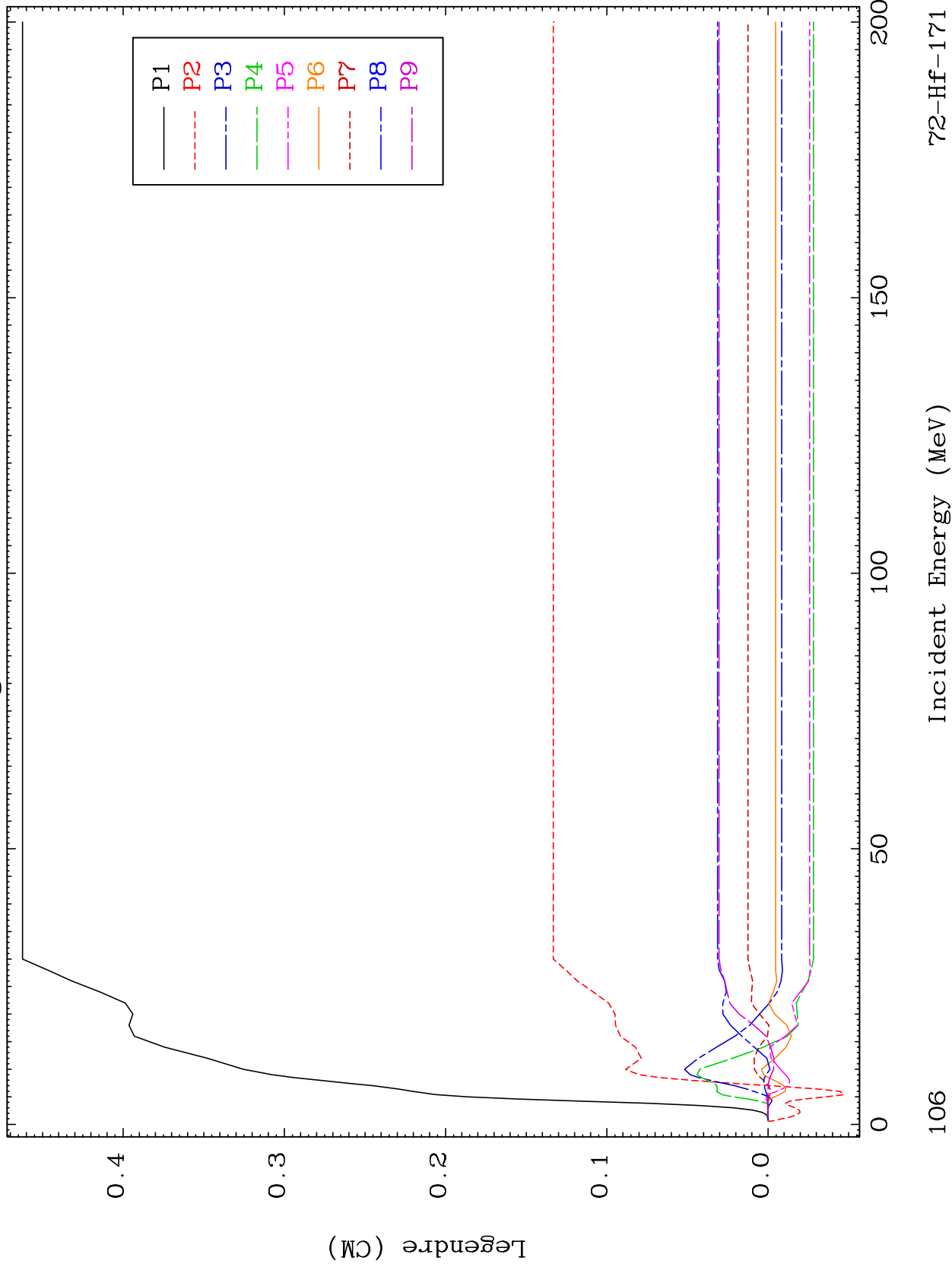
72-Hf-171



MAT 7216

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

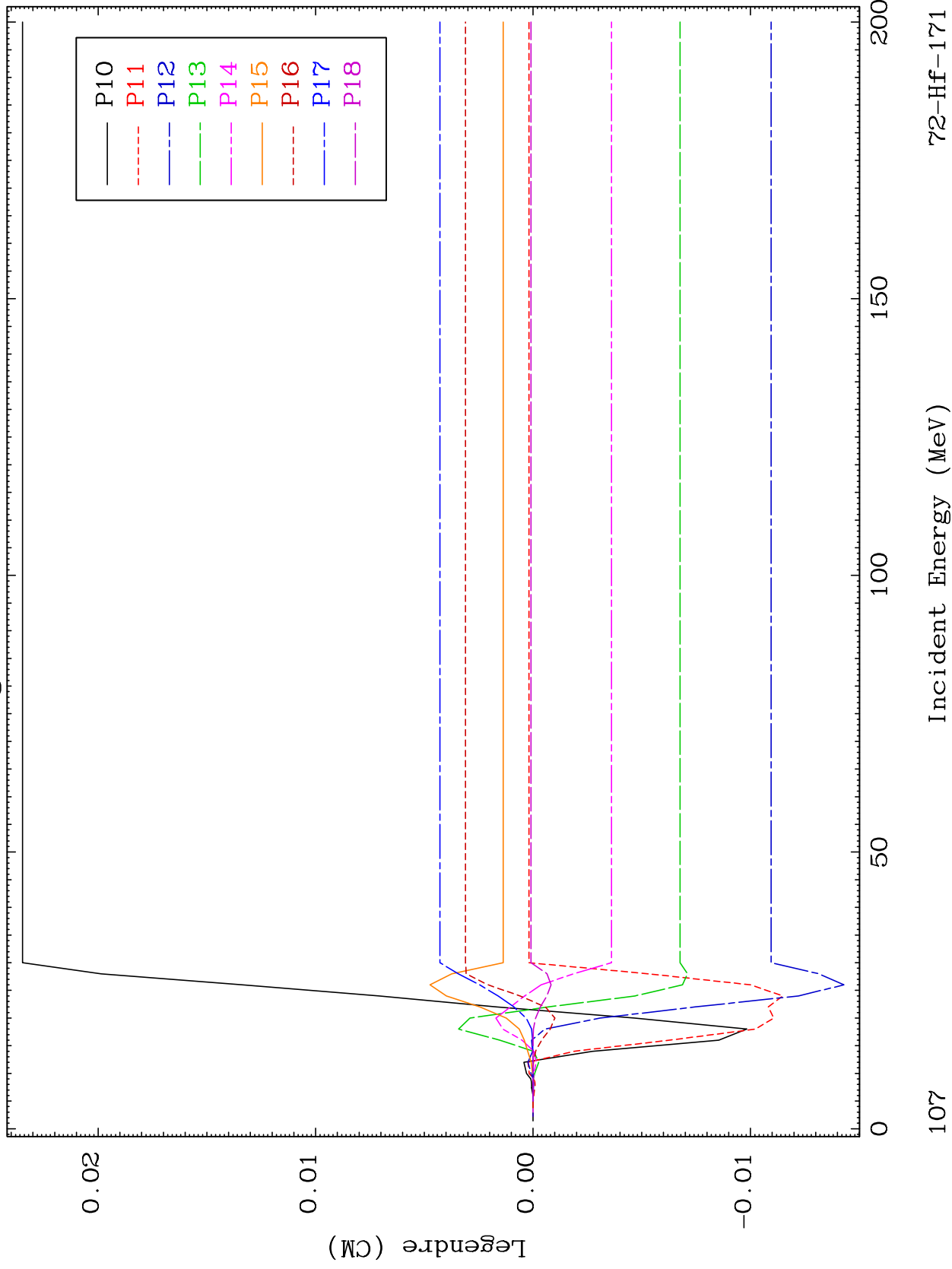
72-Hf-171



MAT 7216

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

72-Hf-171



72-Hf-171

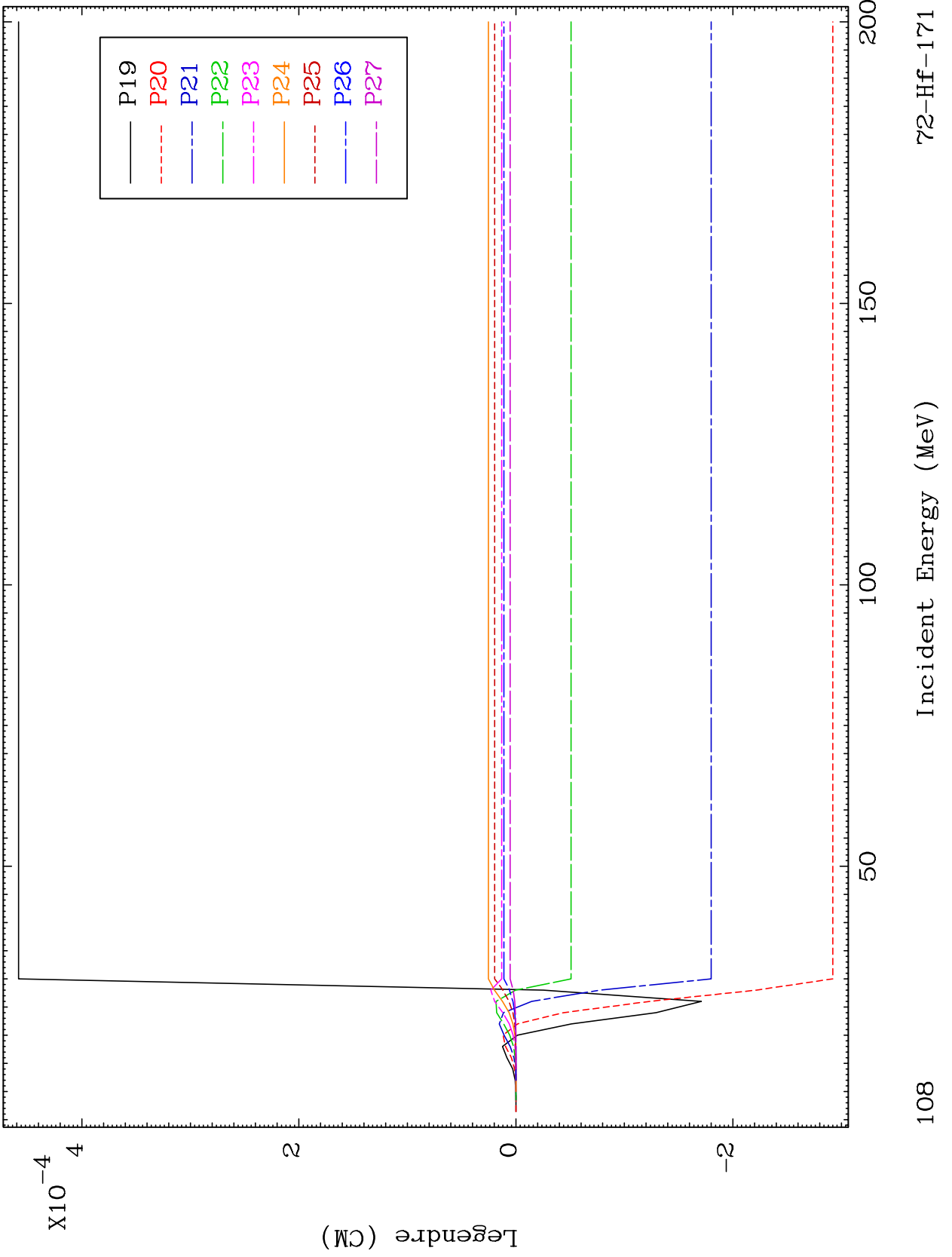
Incident Energy (MeV)

107

MAT 7216

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

72-Hf-171



108

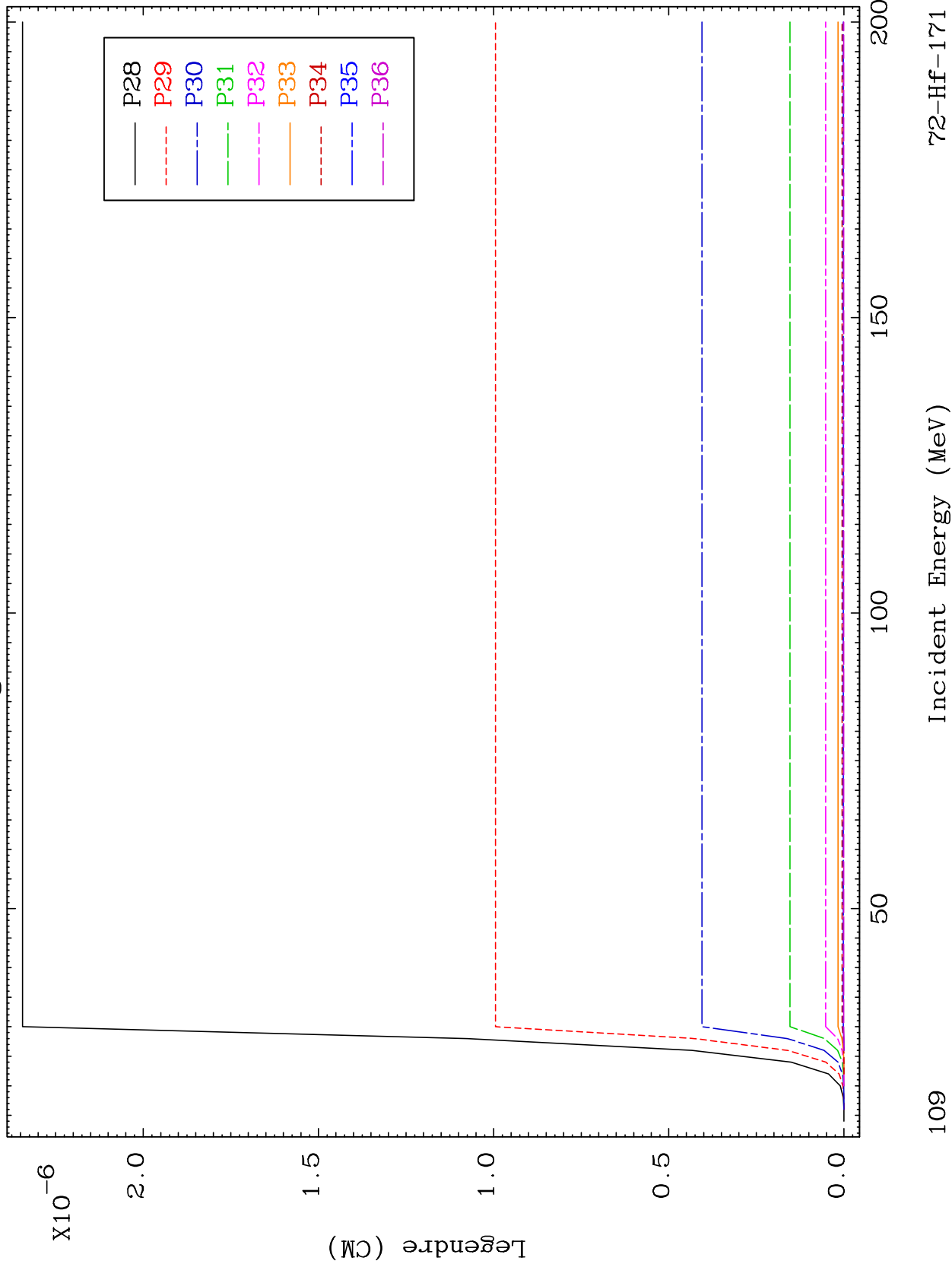
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



109

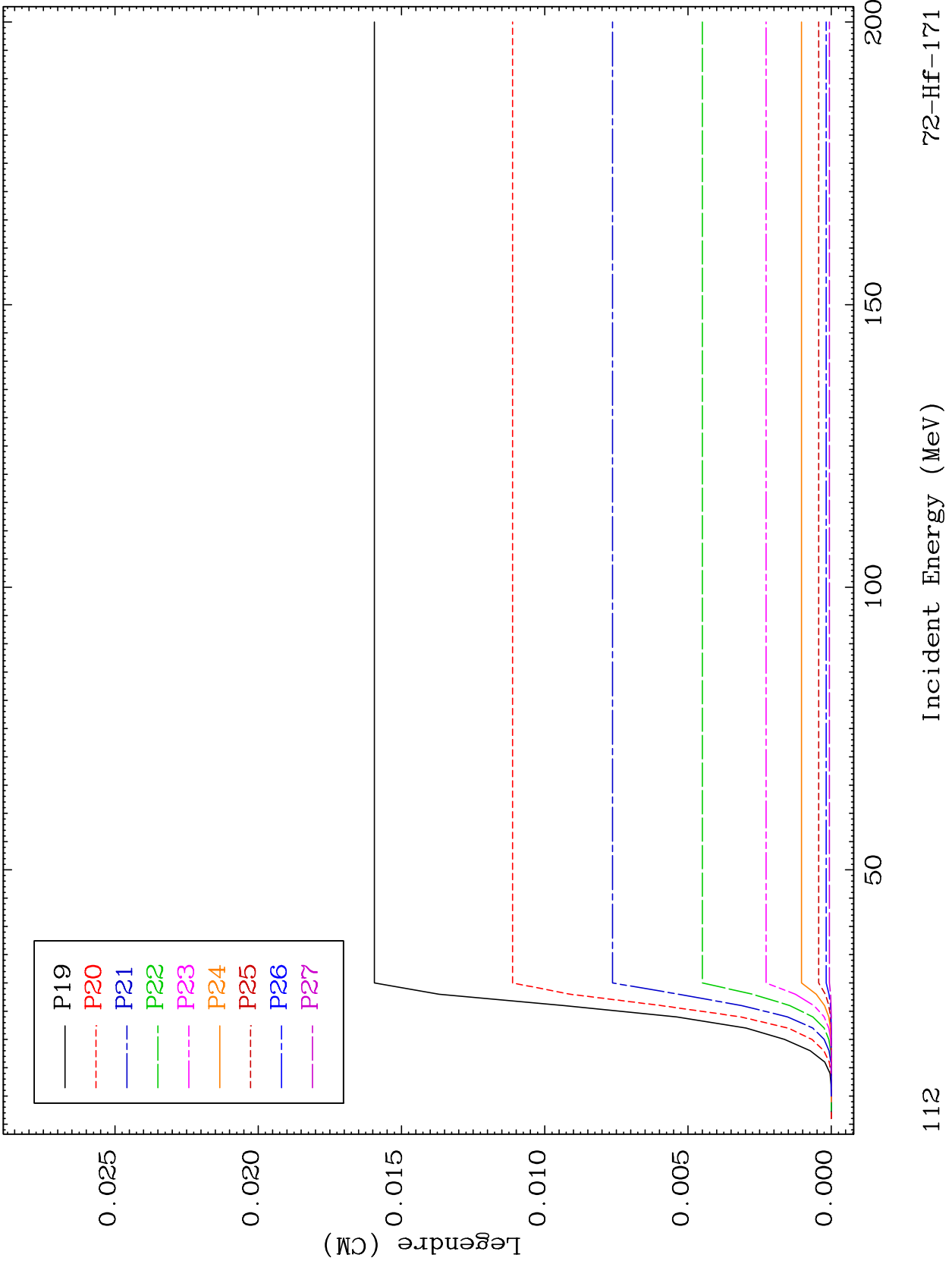
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



112

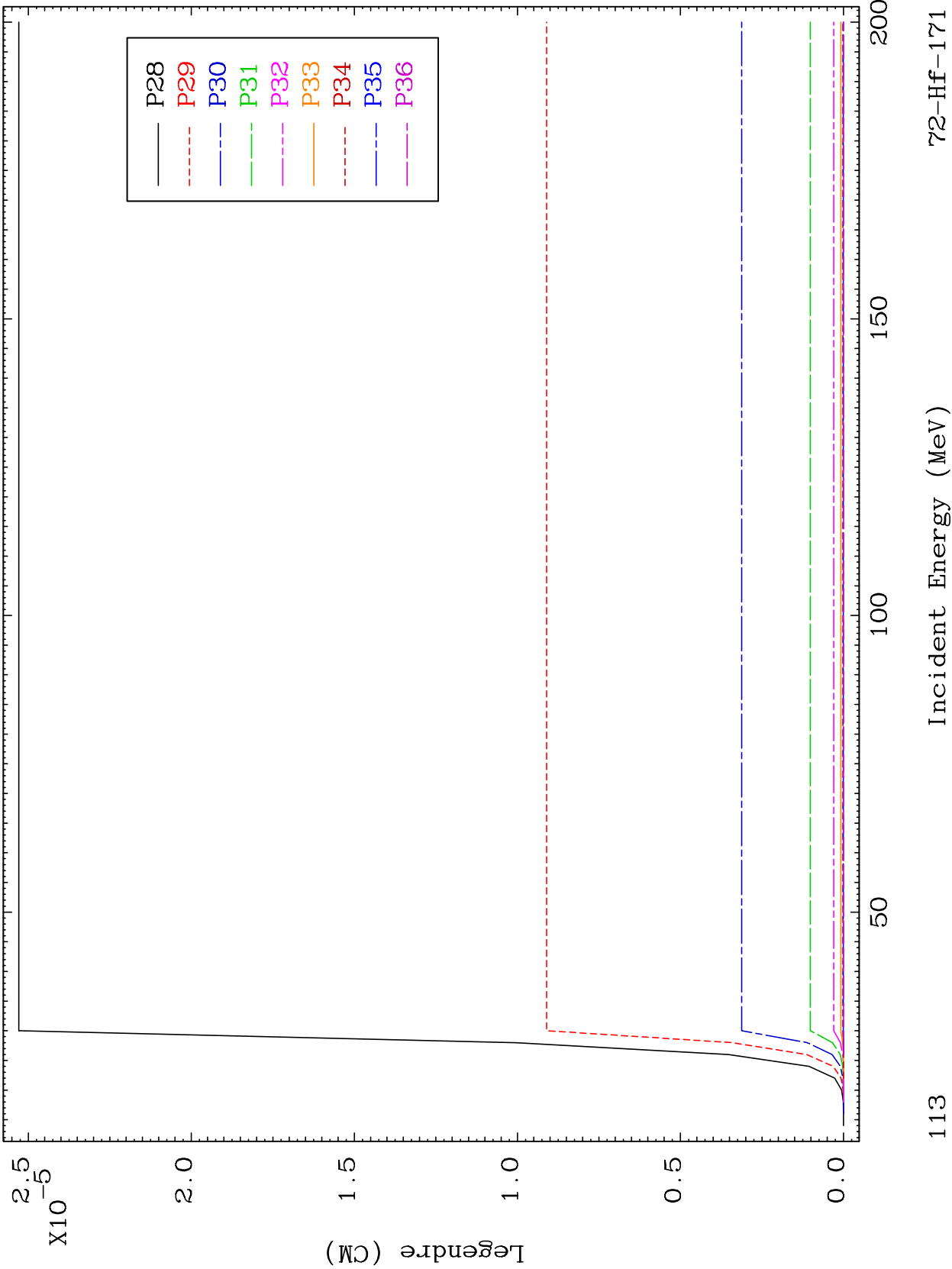
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171

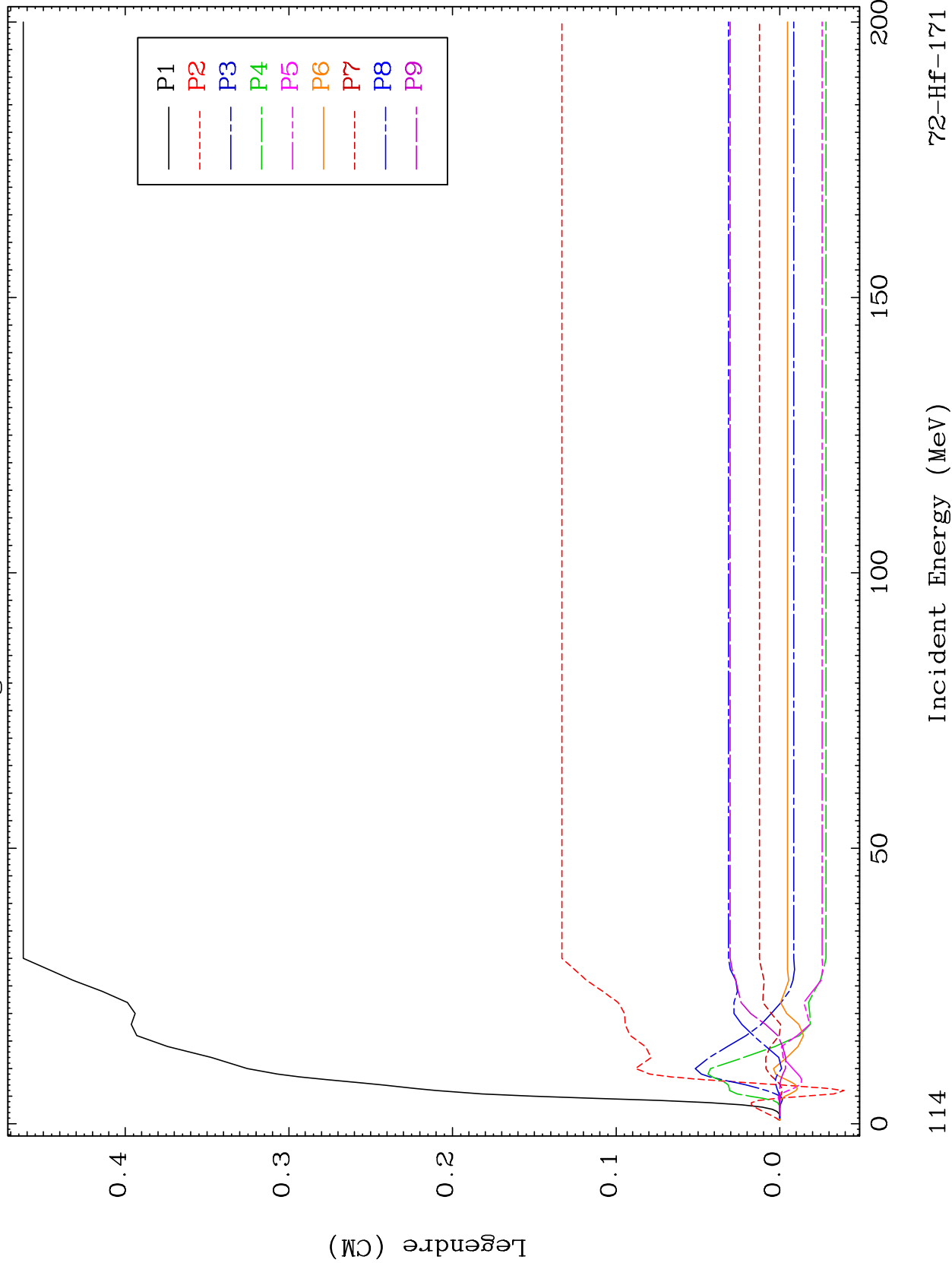


113

MAT 7216

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

72-Hf-171



114

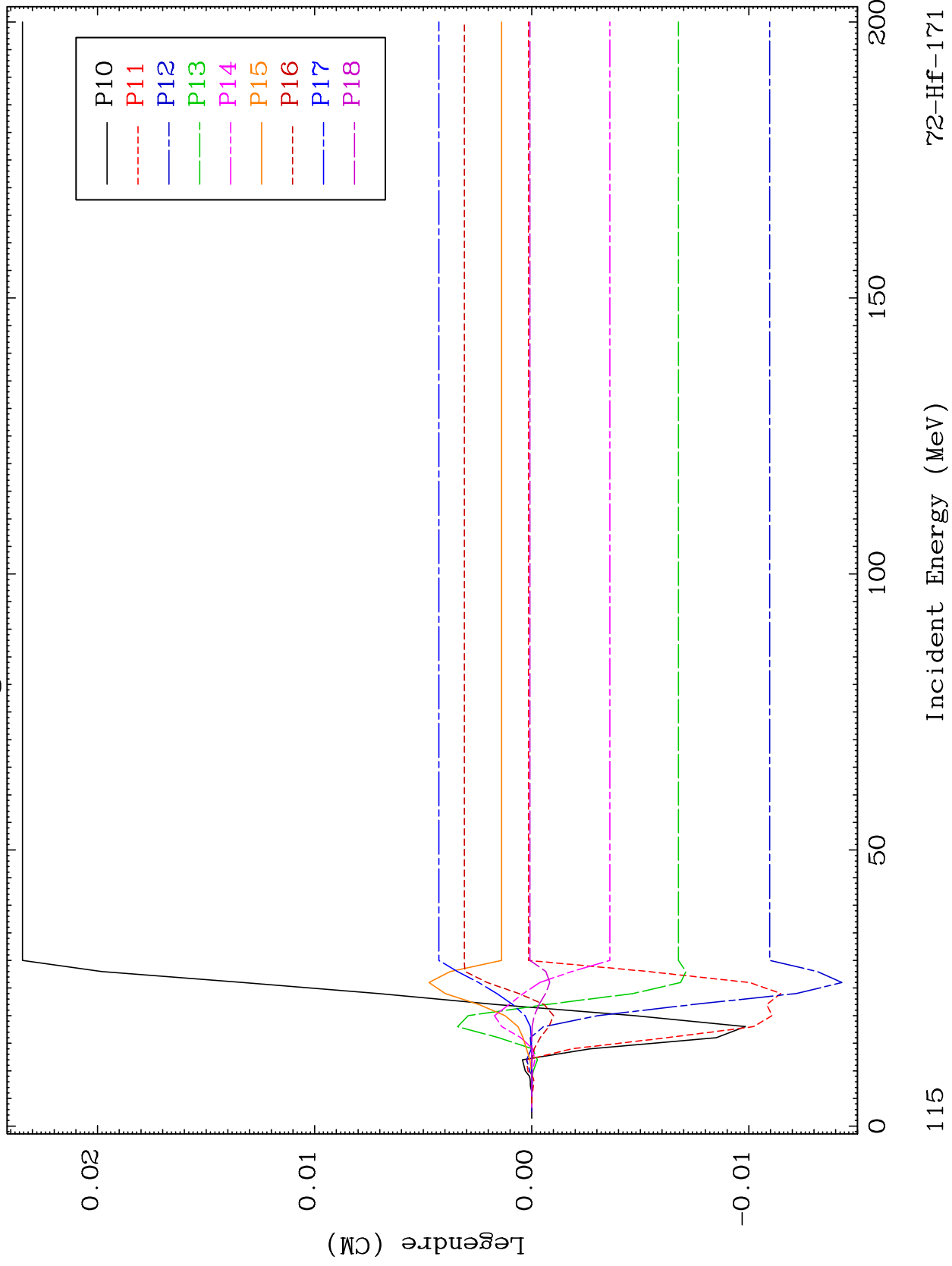
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



72-Hf-171

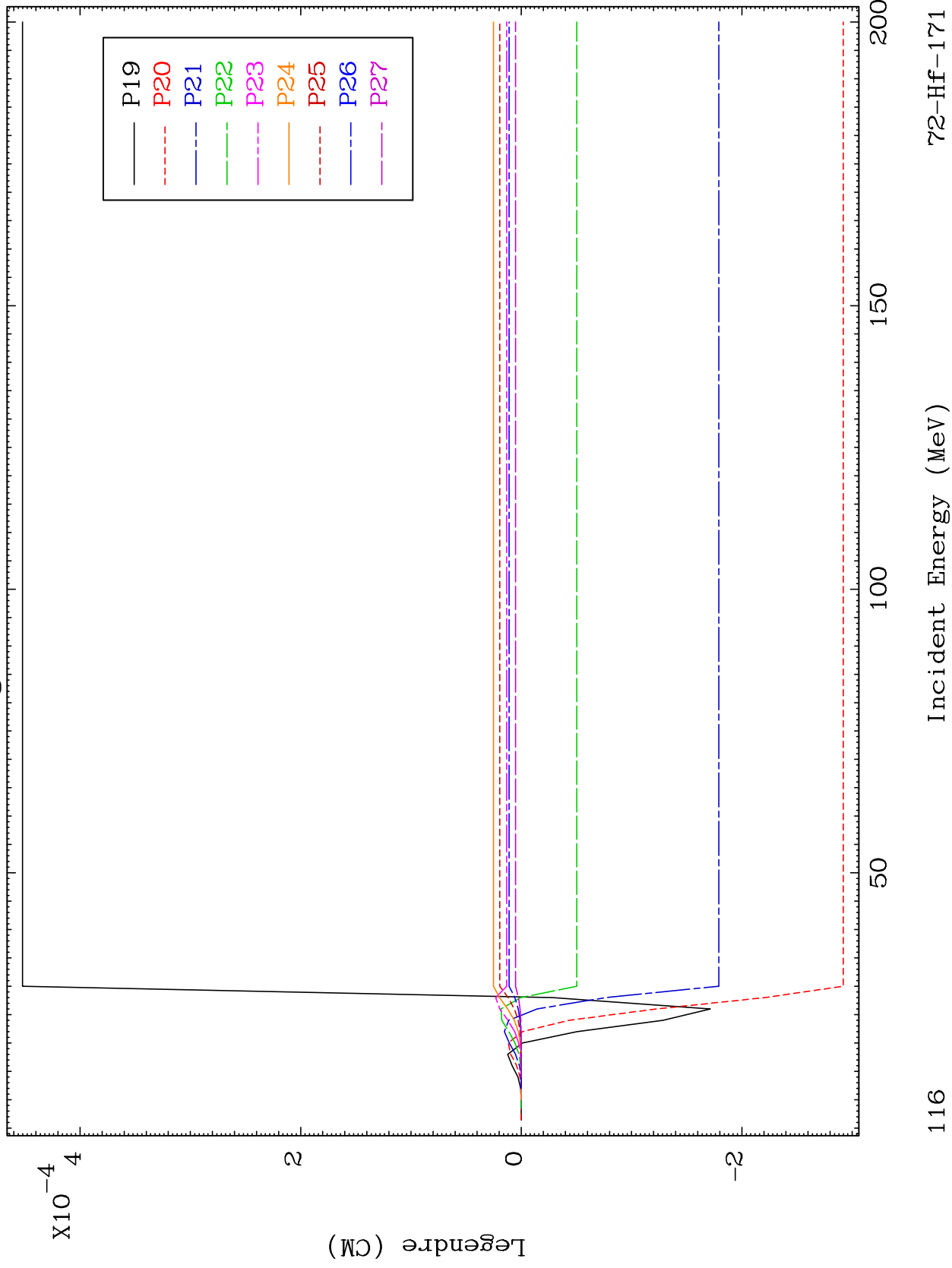
Incident Energy (MeV)

115

MAT 7216

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

72-Hf-171

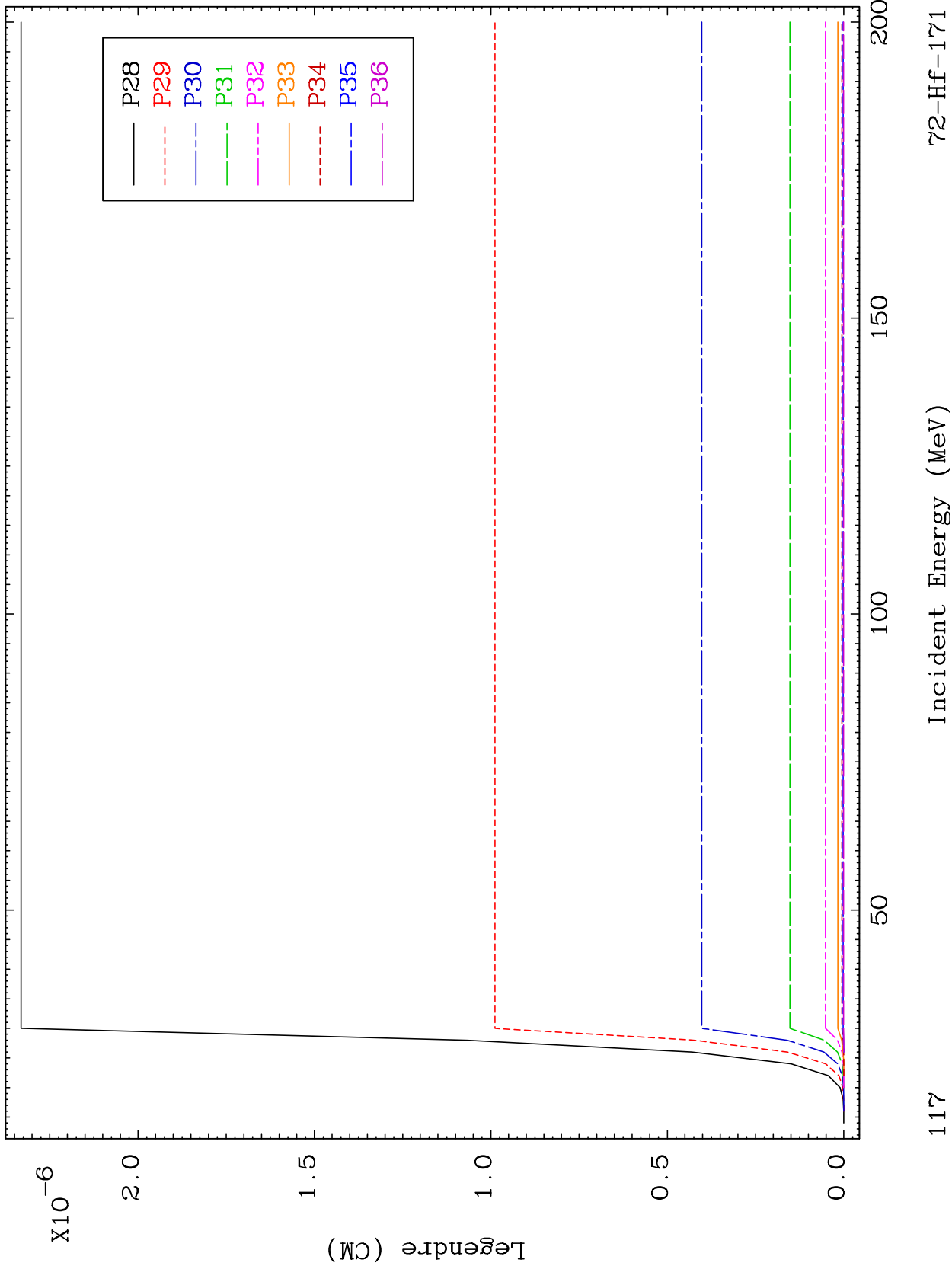


116

MAT 7216

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

72-Hf-171

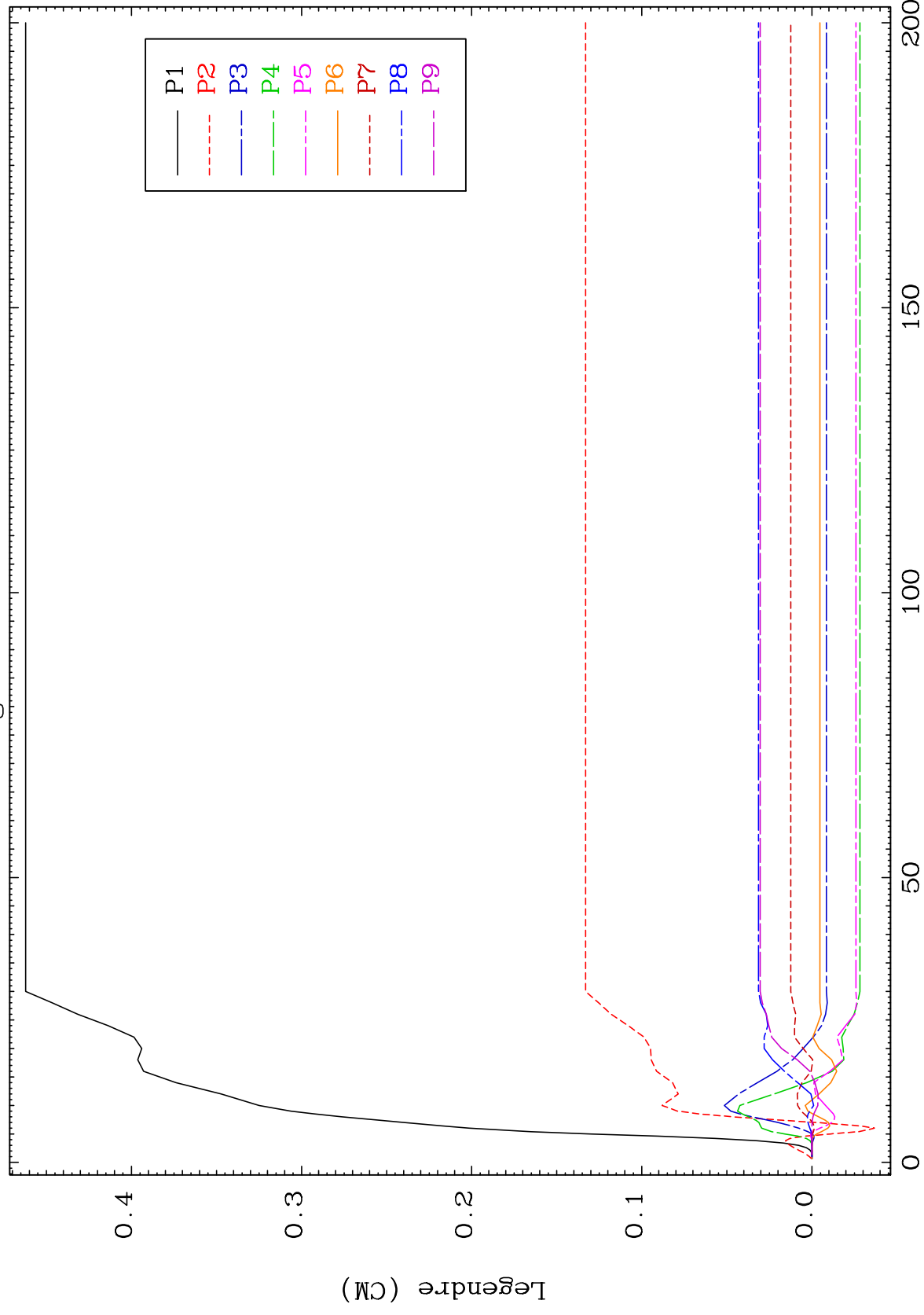


117

MAT 7216

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

72-Hf-171



118

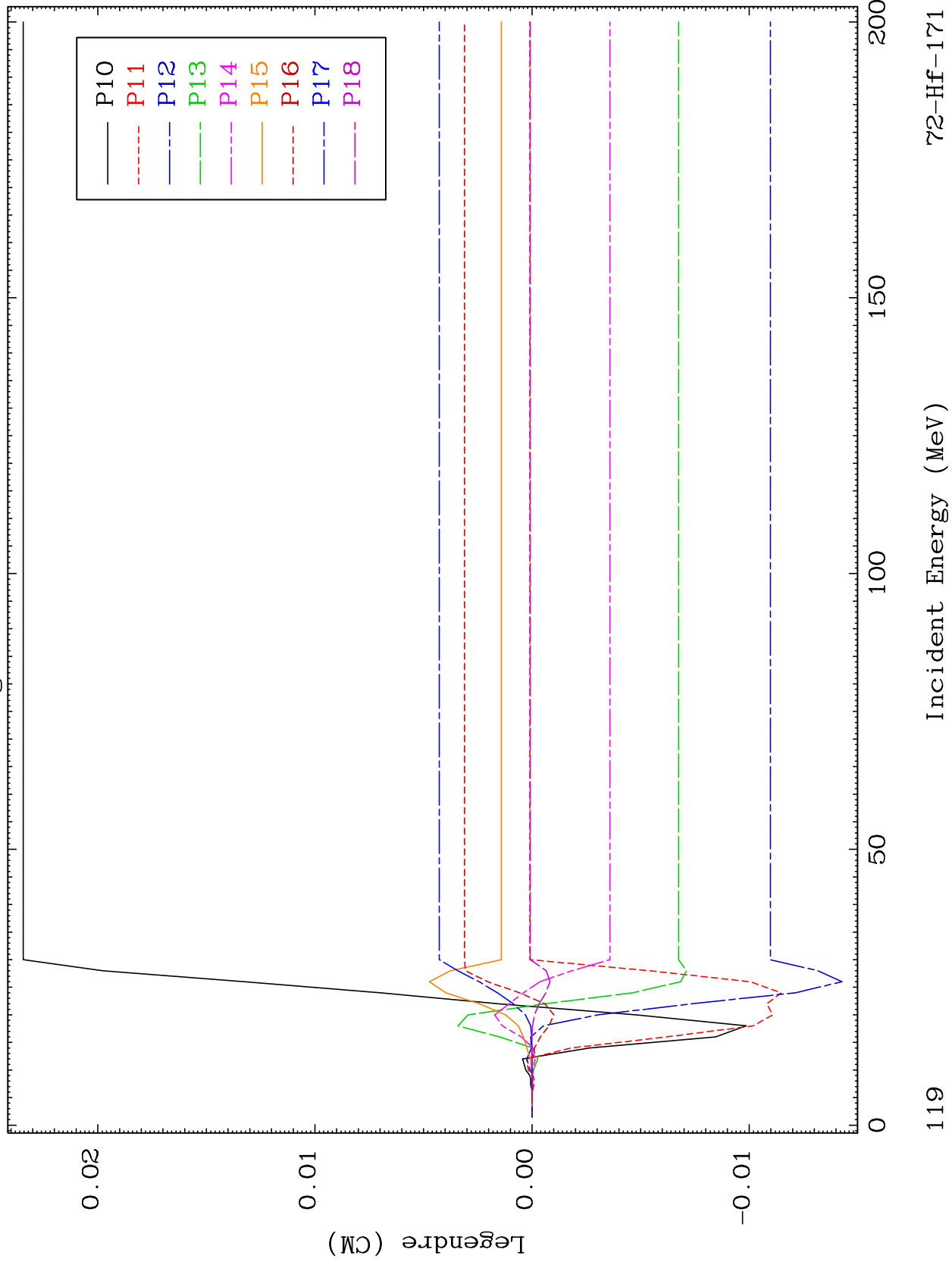
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171



119

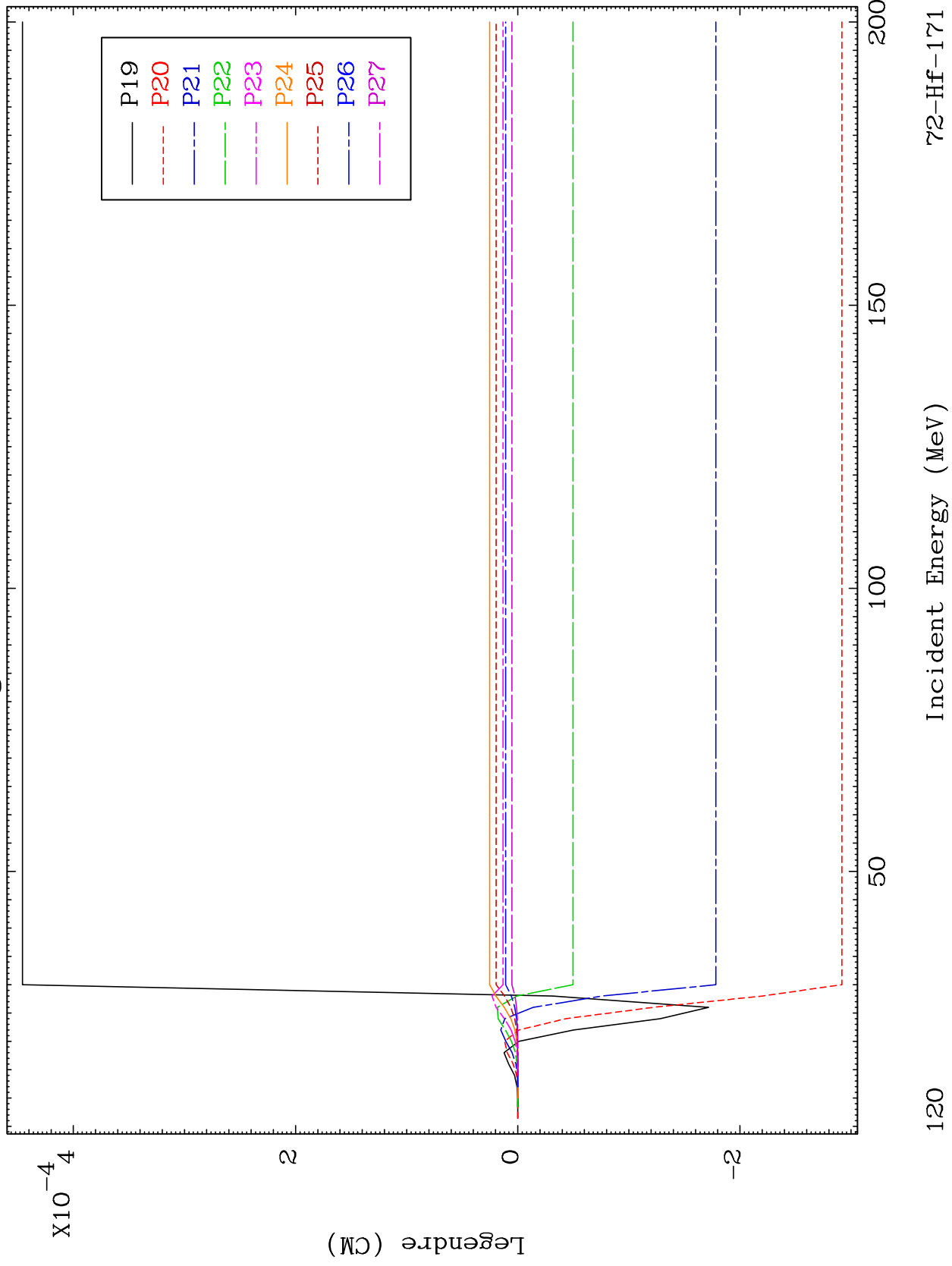
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

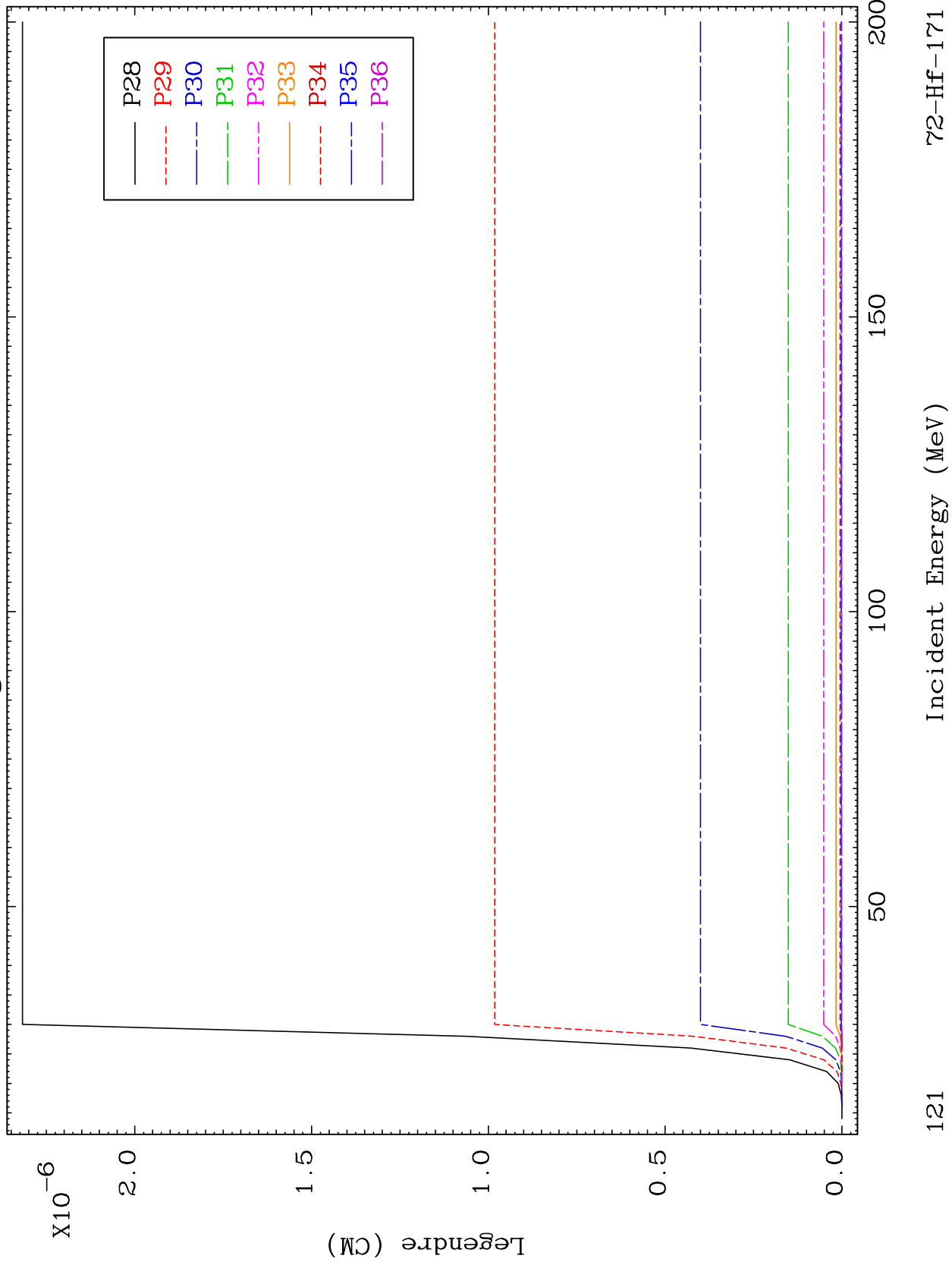
72-Hf-171



MAT 7216

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

72-Hf-171

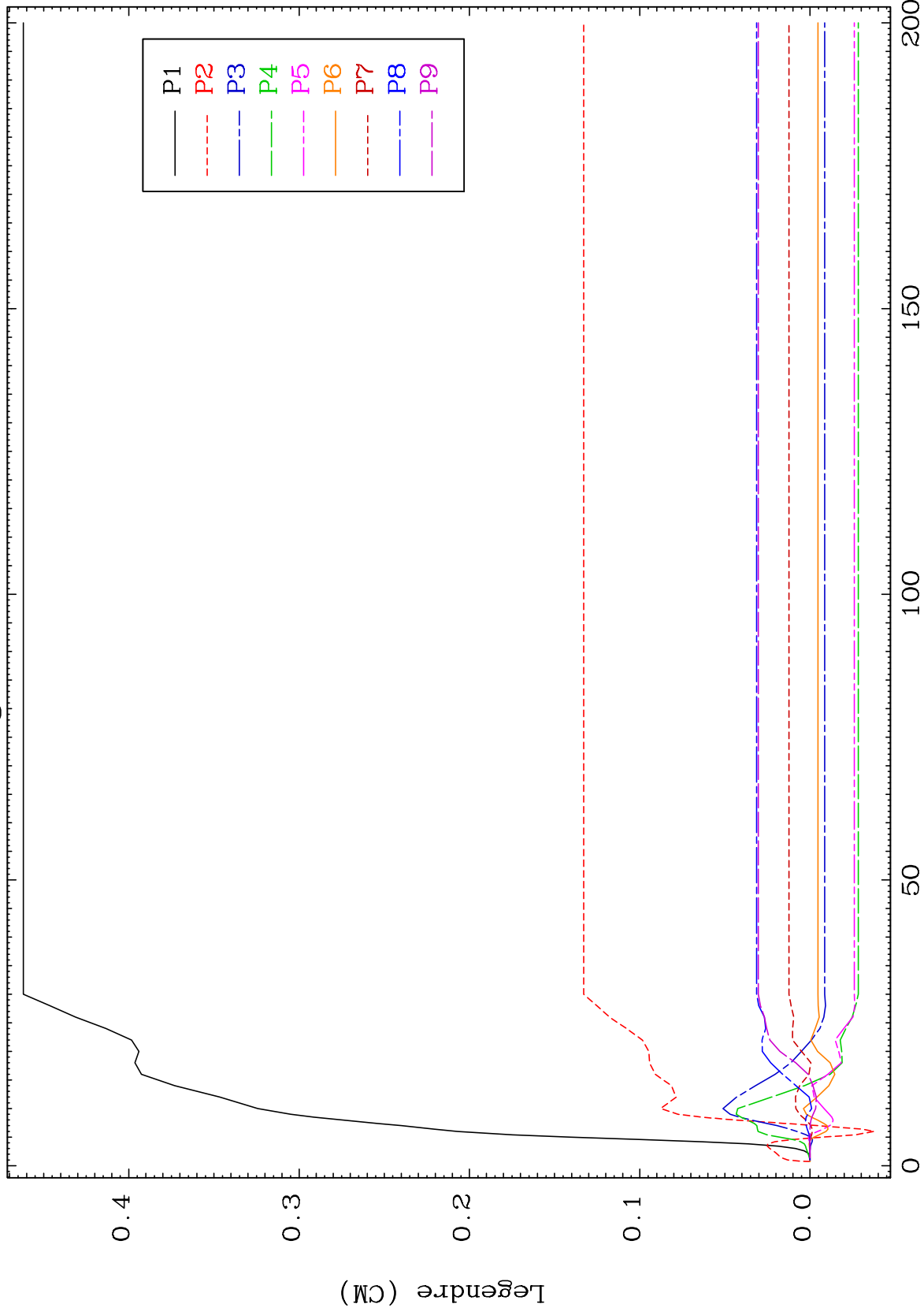


121

MAT 7216

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

72-Hf-171



72-Hf-171

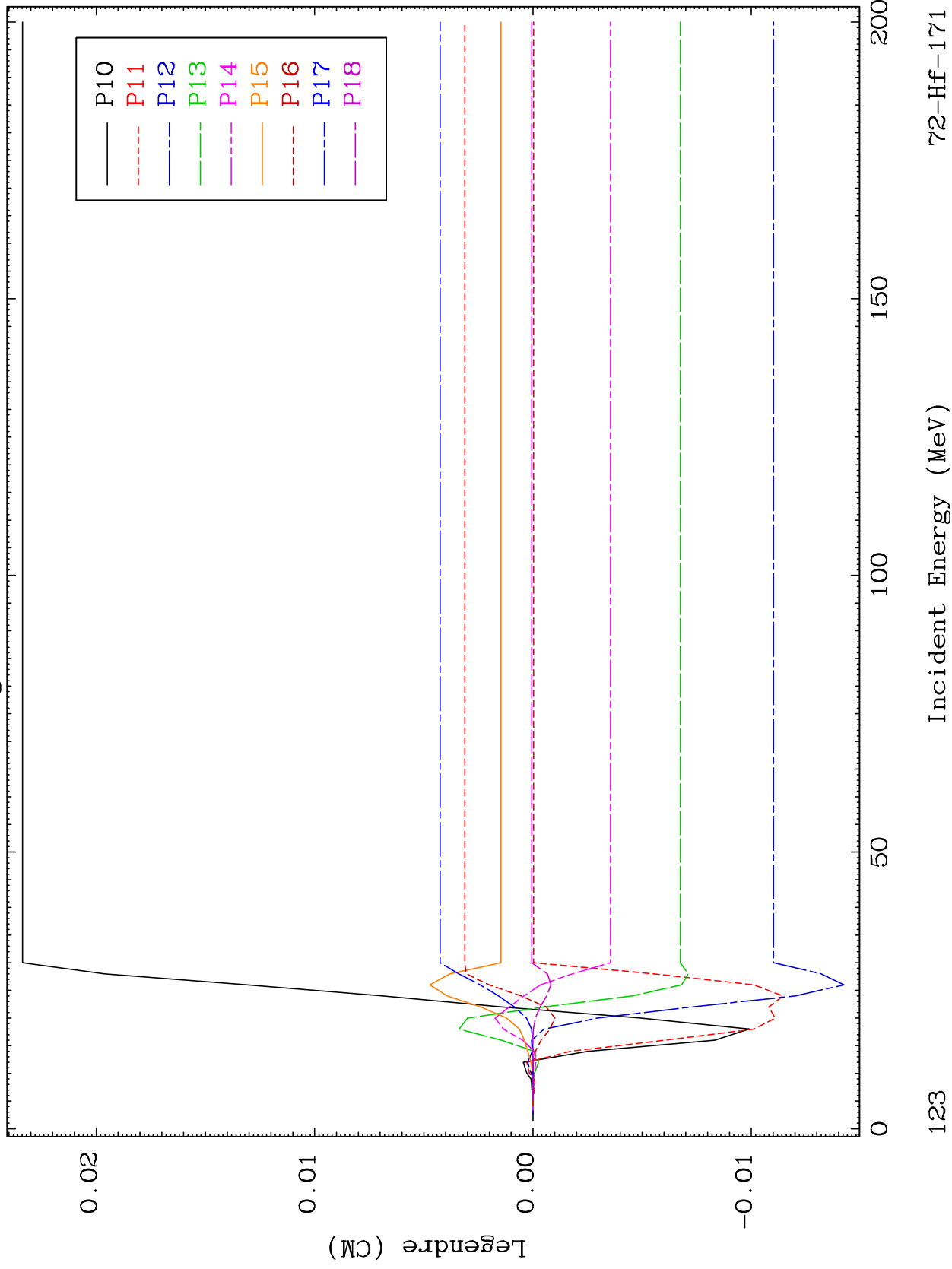
Incident Energy (MeV)

122

MAT 7216

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

72-Hf-171



72-Hf-171

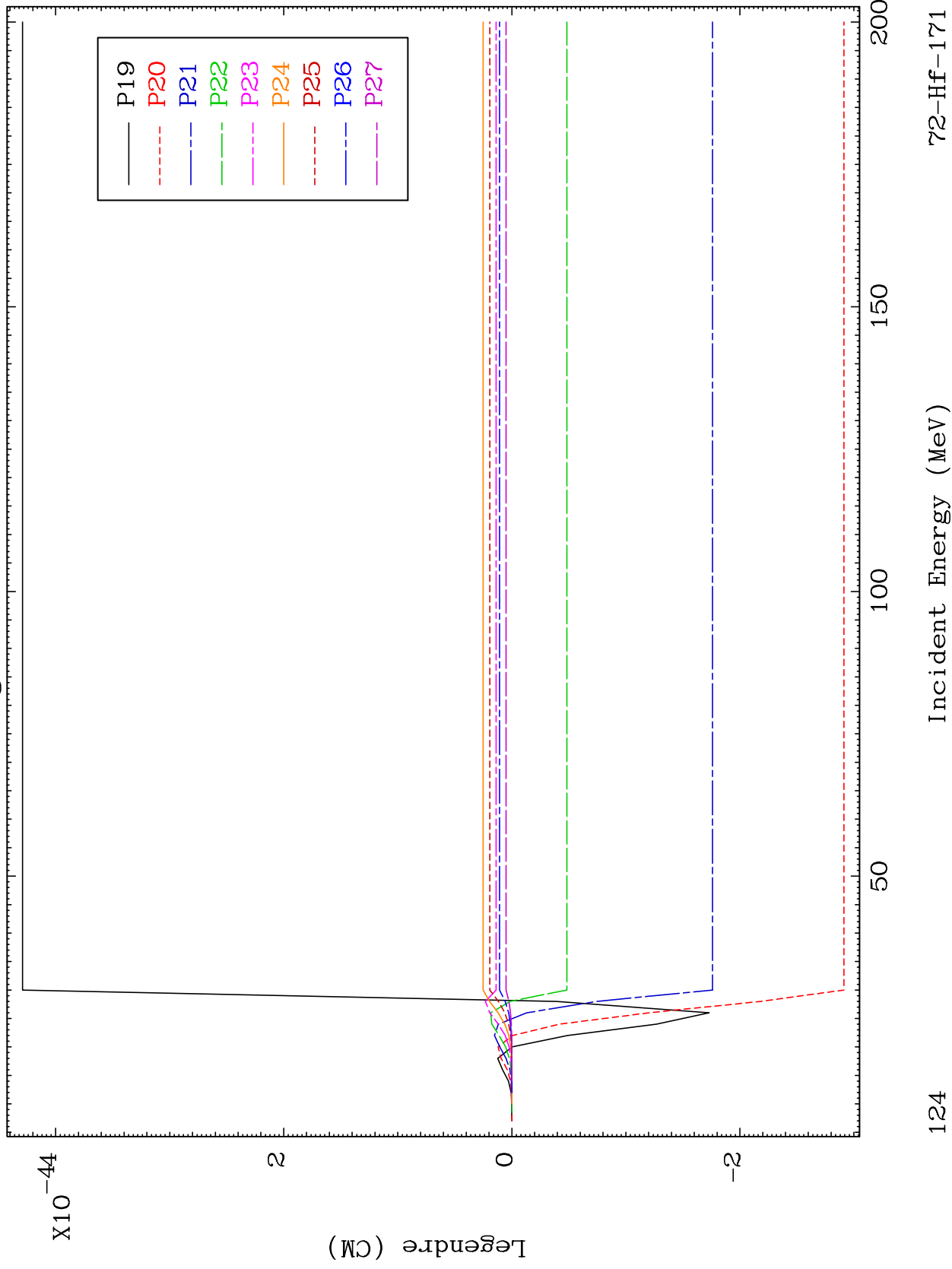
Incident Energy (MeV)

123

MAT 7216

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

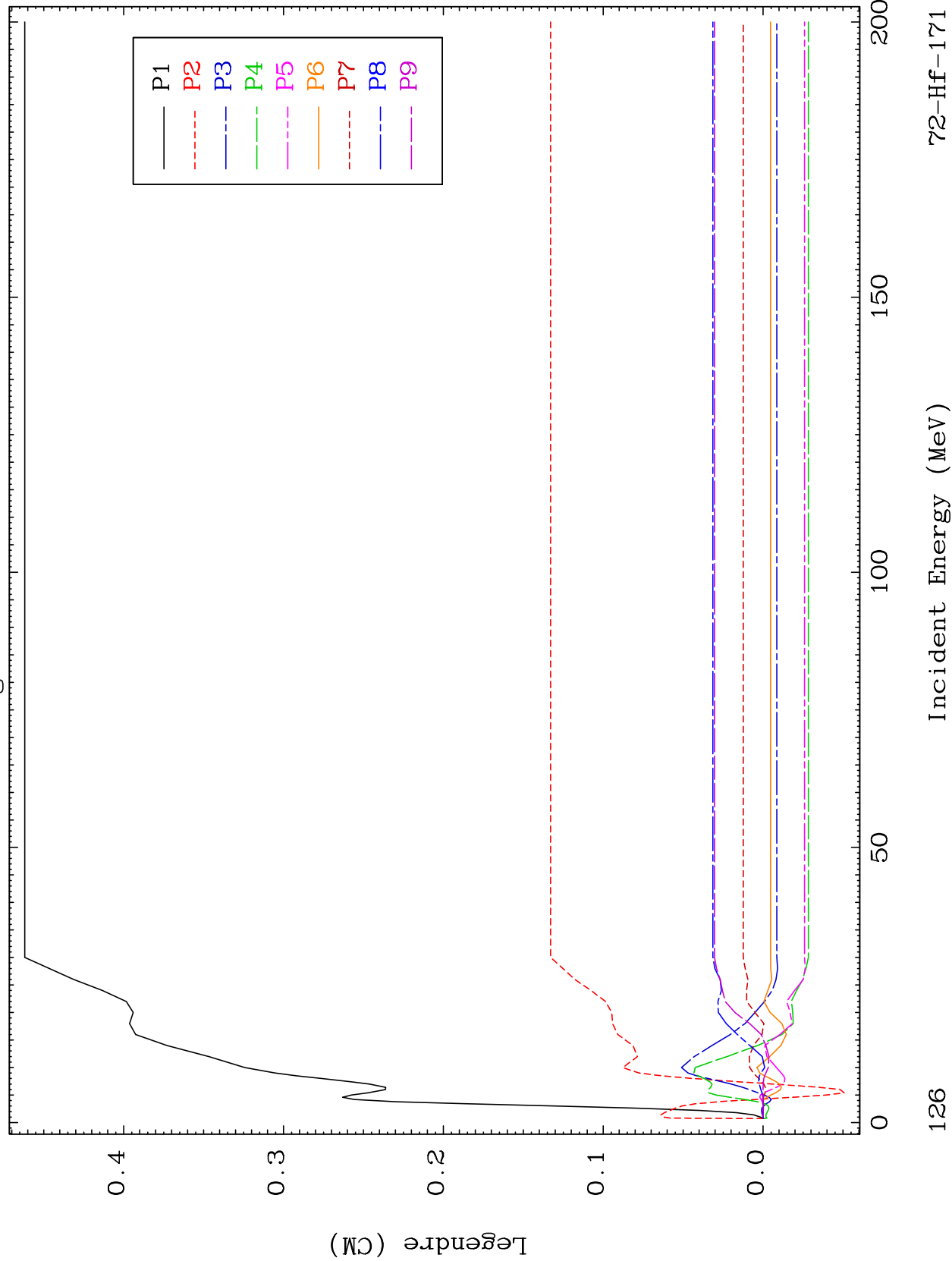
72-Hf-171



MAT 7216

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

72-Hf-171

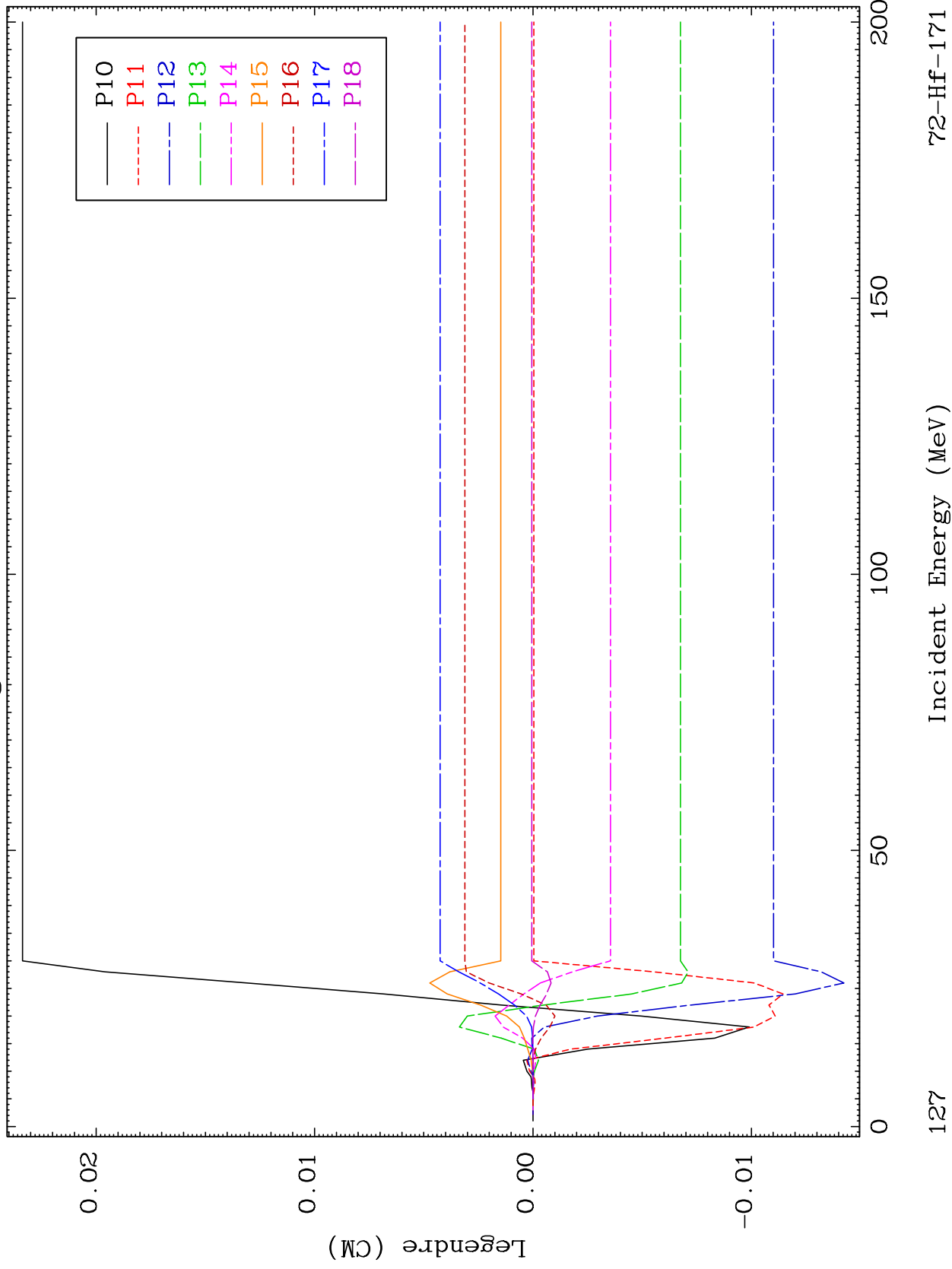


126

MAT 7216

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

72-Hf-171



72-Hf-171

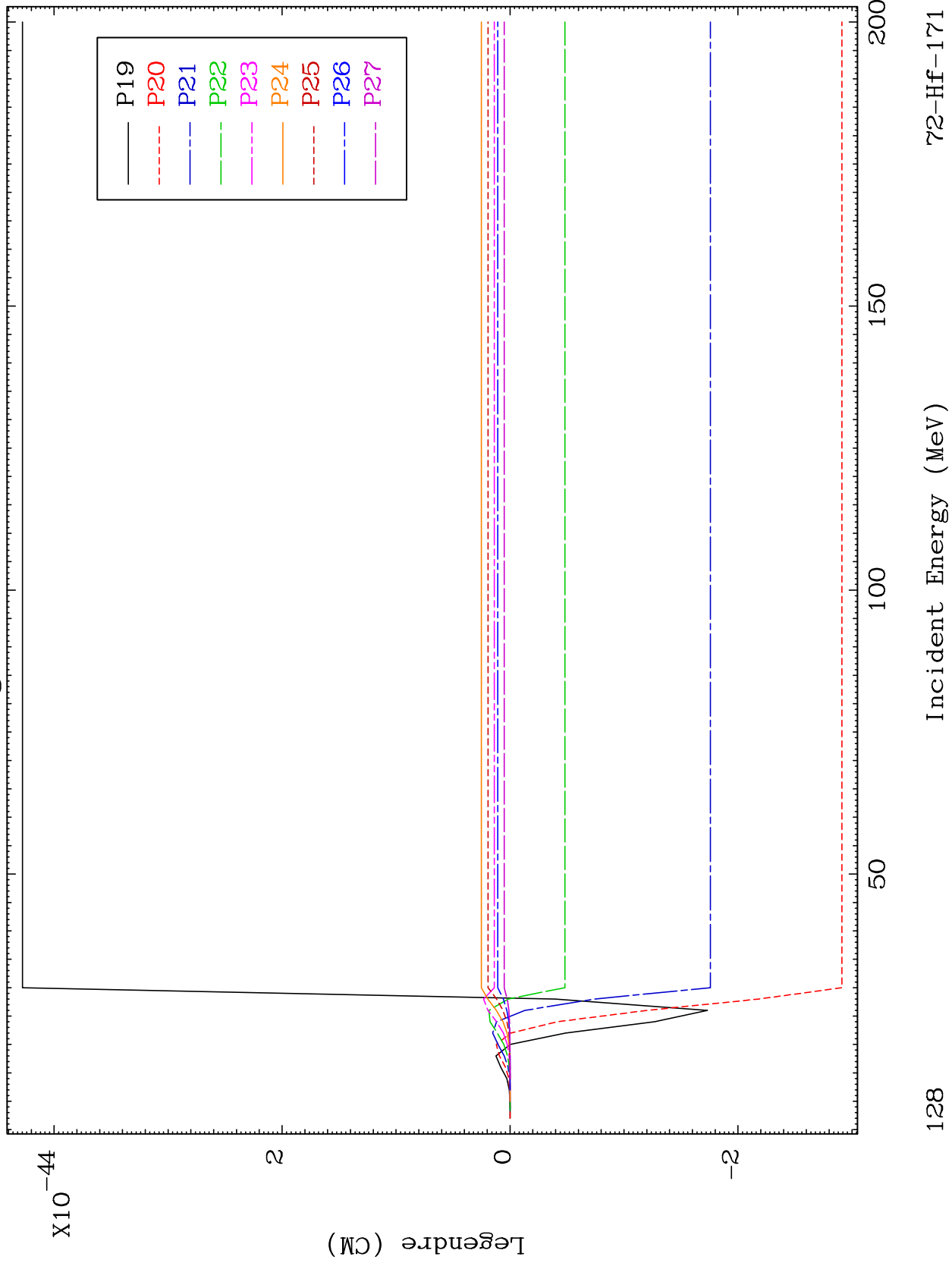
Incident Energy (MeV)

127

MAT 7216

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

72-Hf-171



128

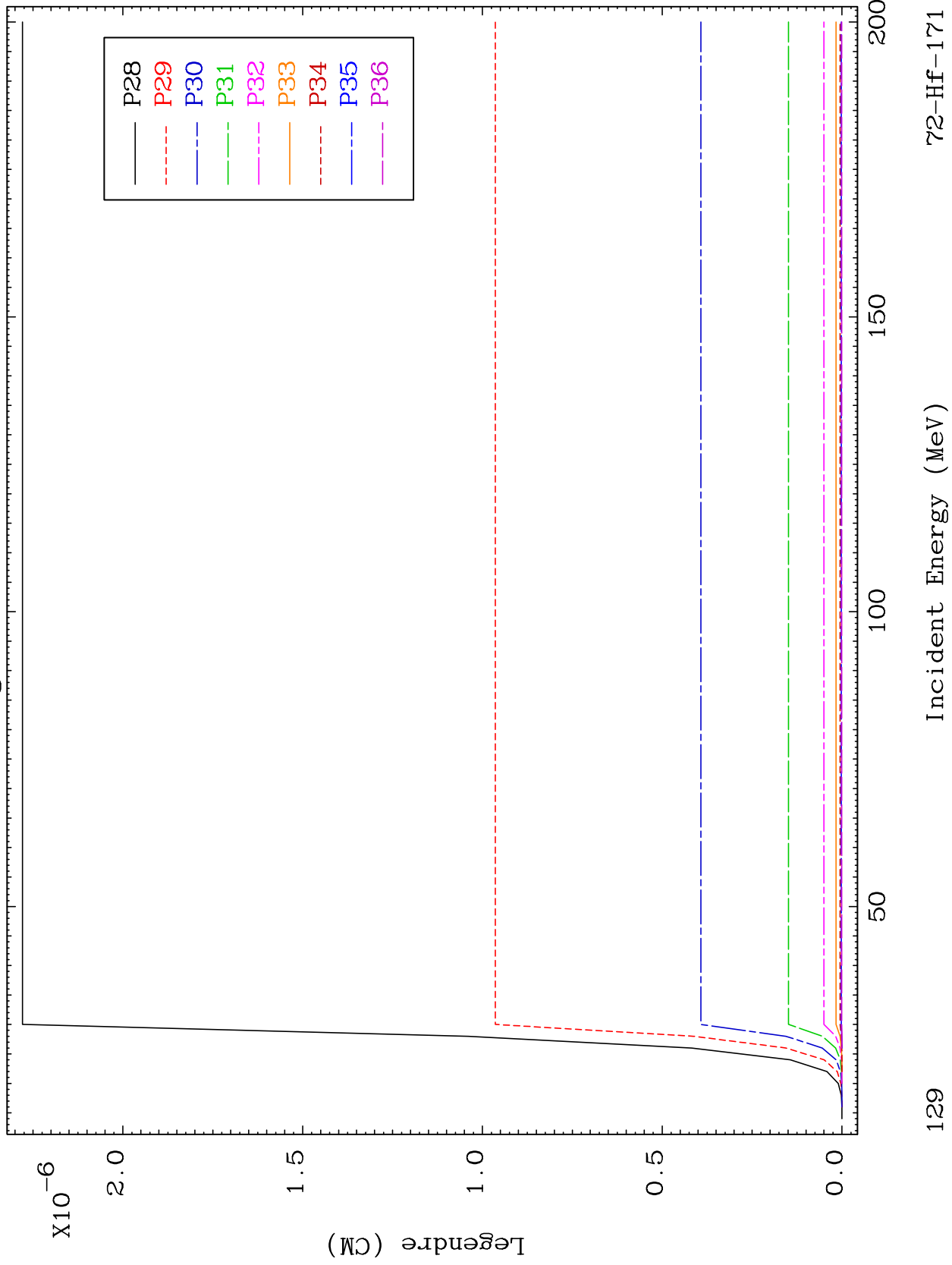
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171

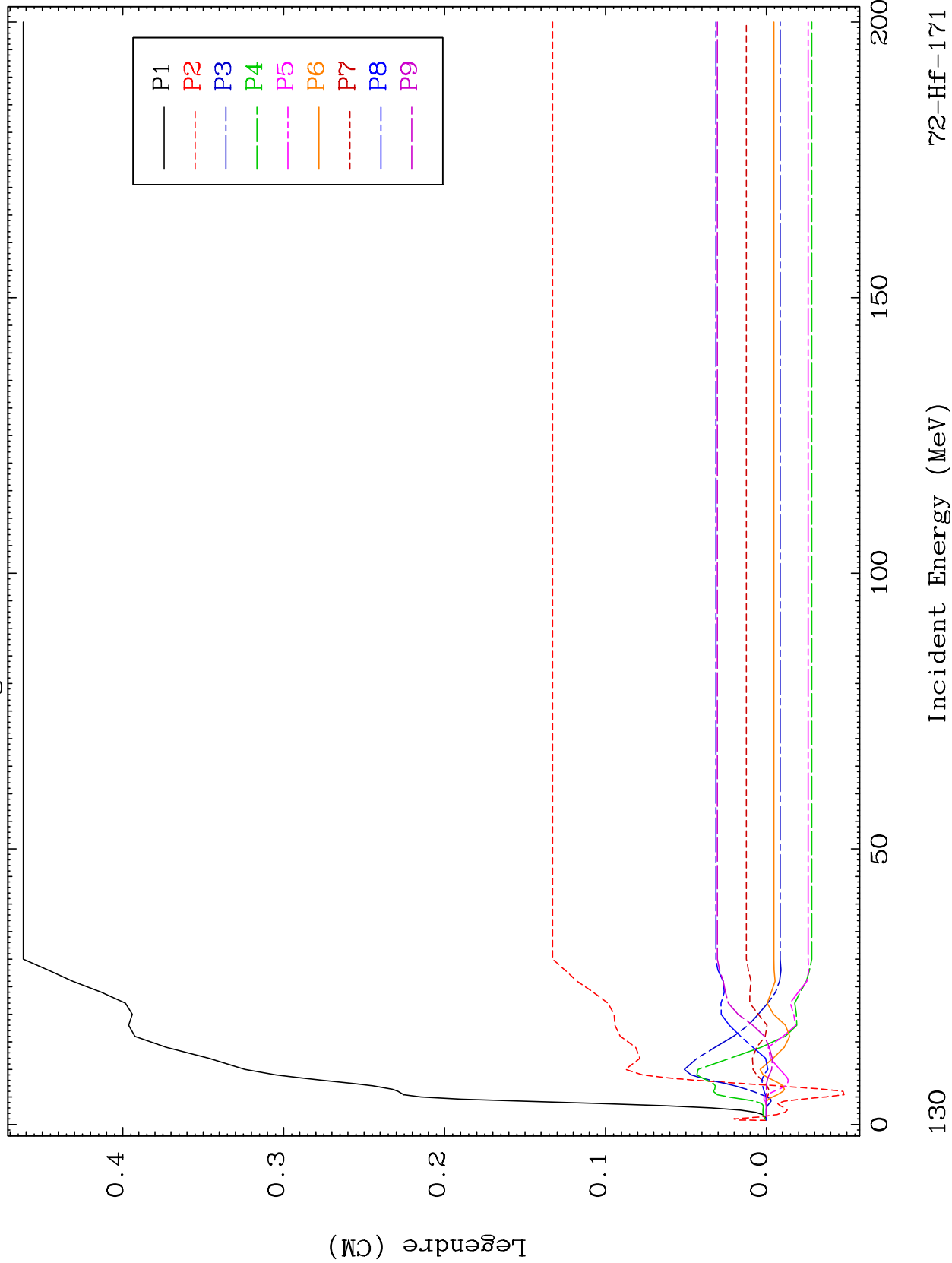


129

MAT 7216

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

72-Hf-171



72-Hf-171

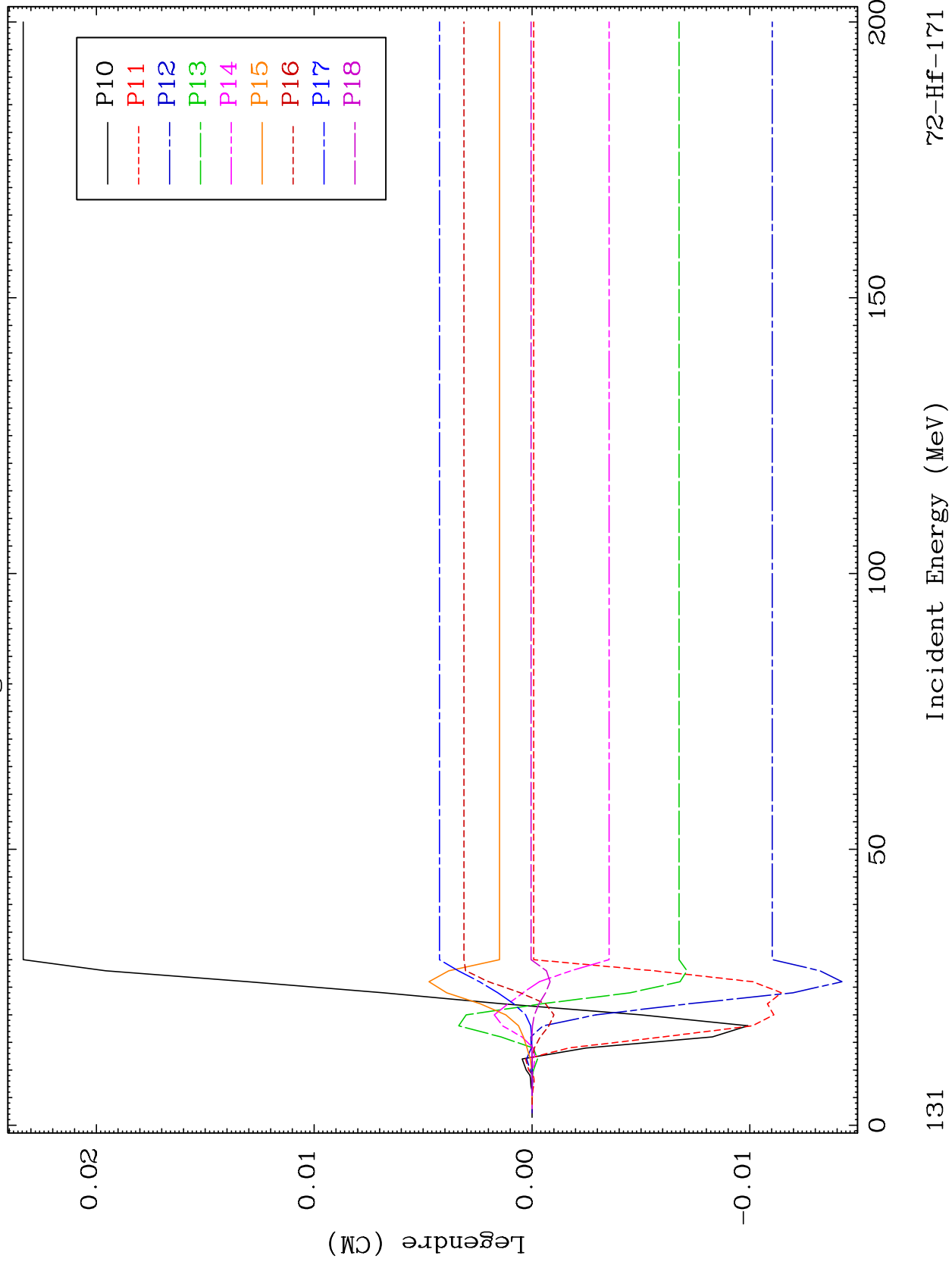
Incident Energy (MeV)

130

MAT 7216

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

72-Hf-171



72-Hf-171

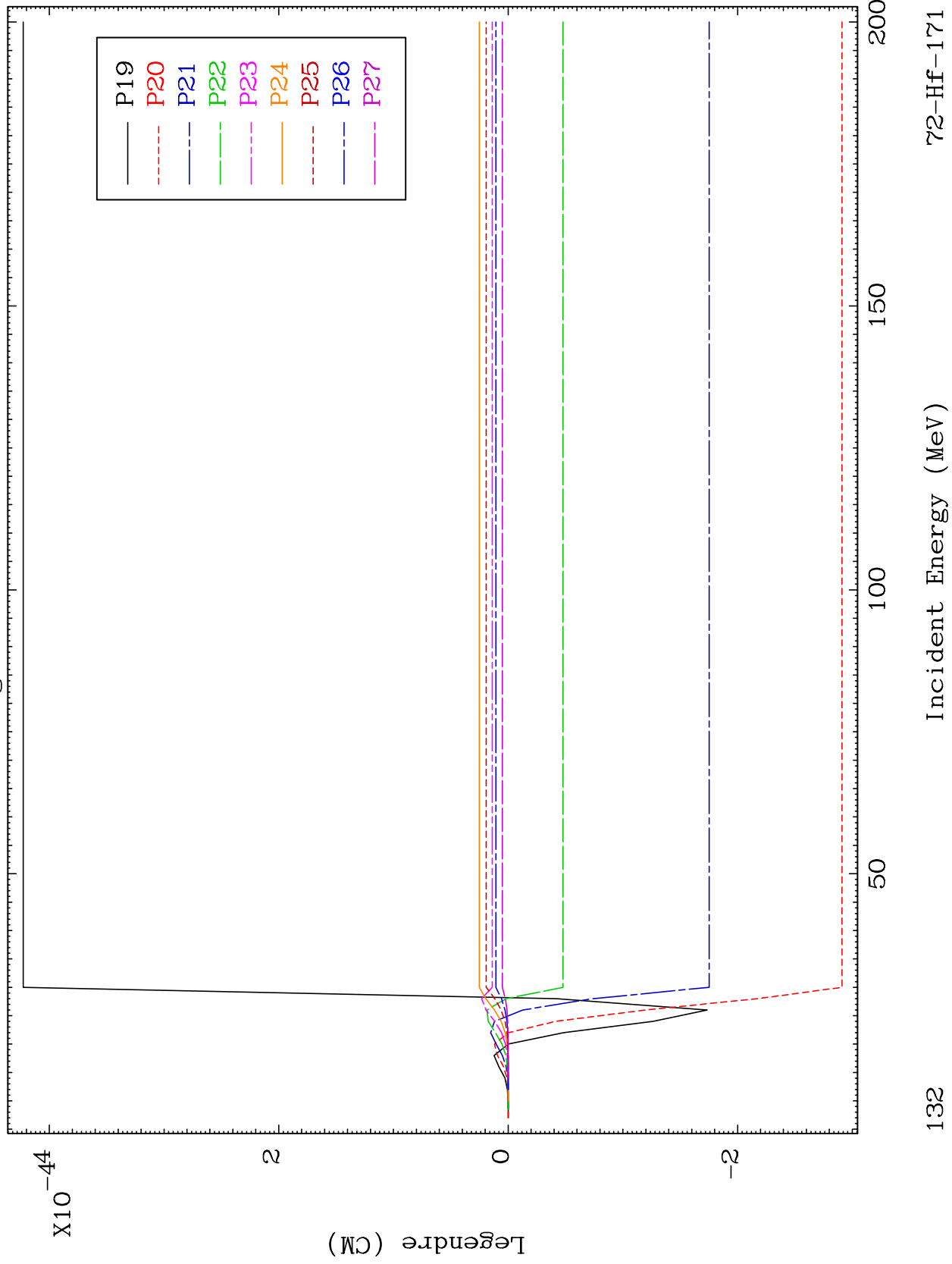
Incident Energy (MeV)

131

MAT 7216

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

72-Hf-171

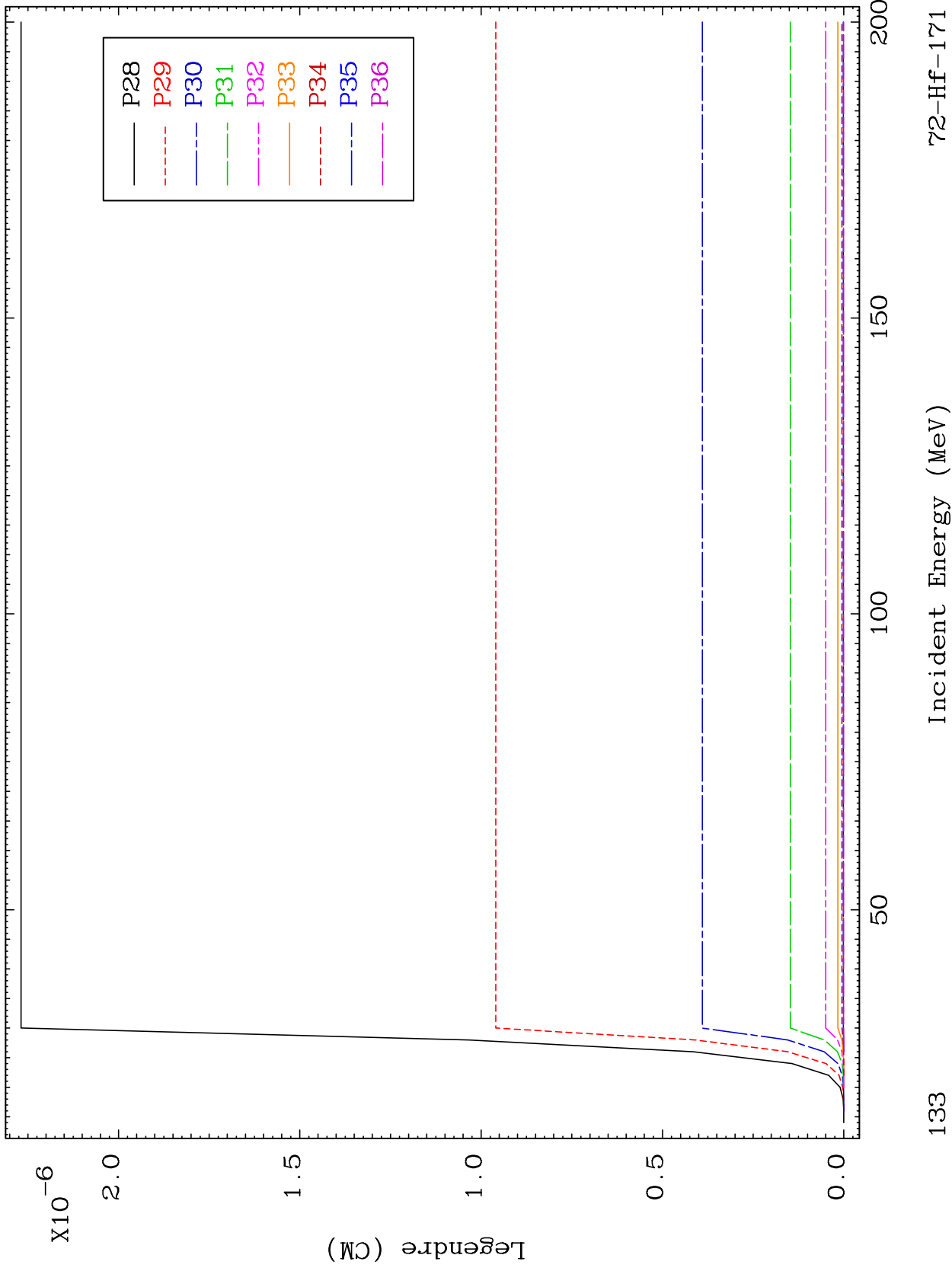


132

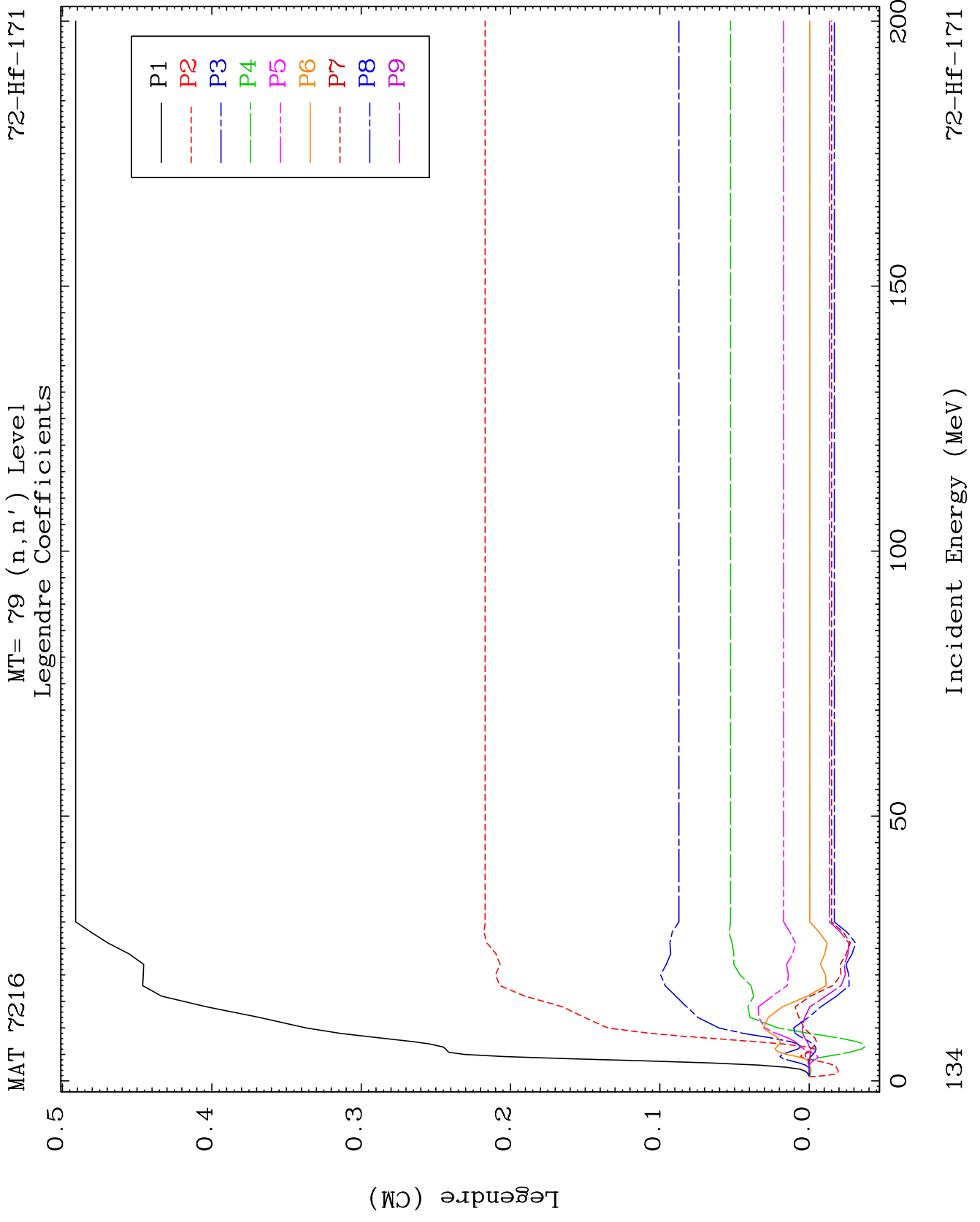
MAT 7216

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

72-Hf-171



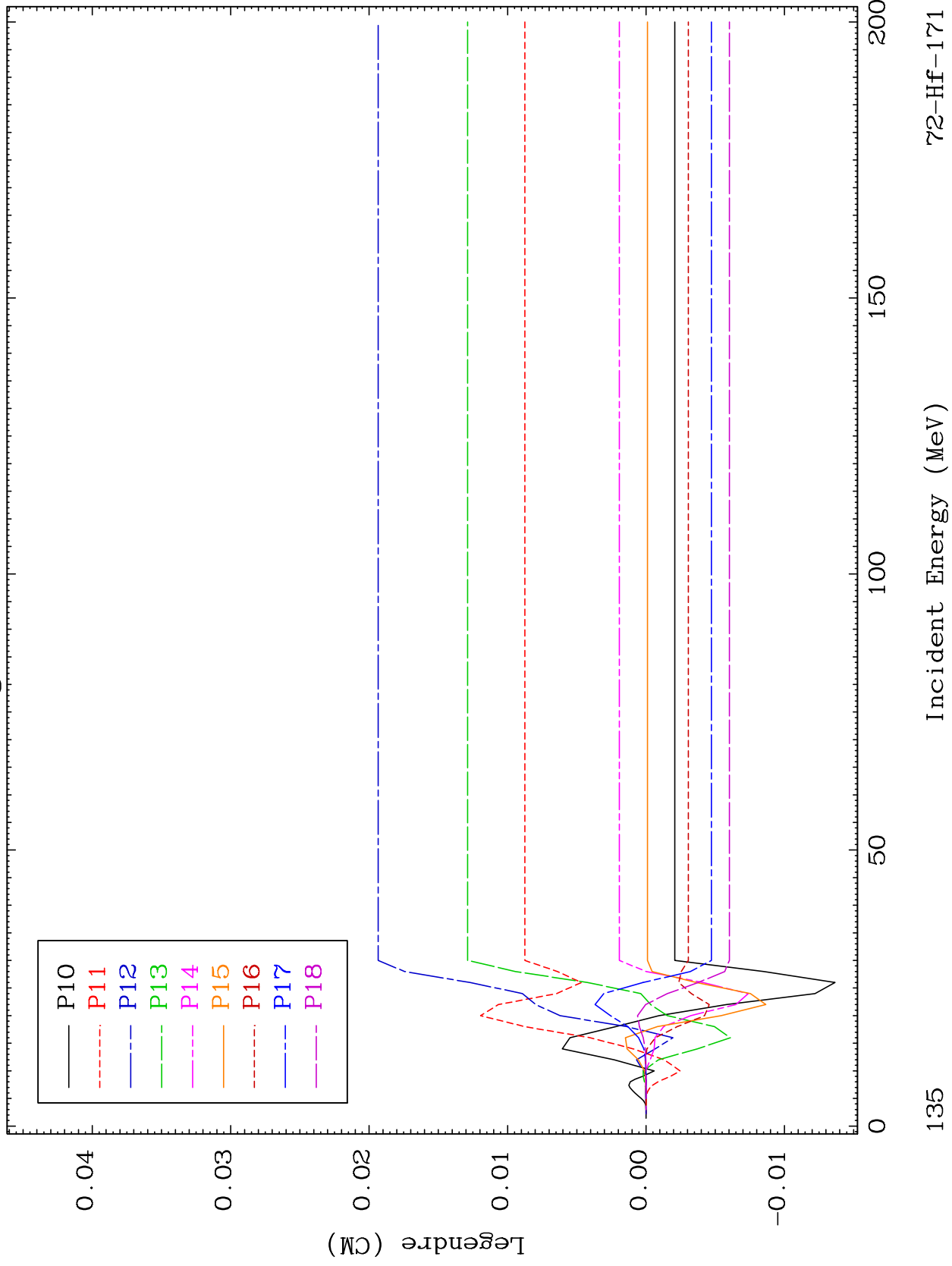
133



MAT 7216

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

72-Hf-171



72-Hf-171

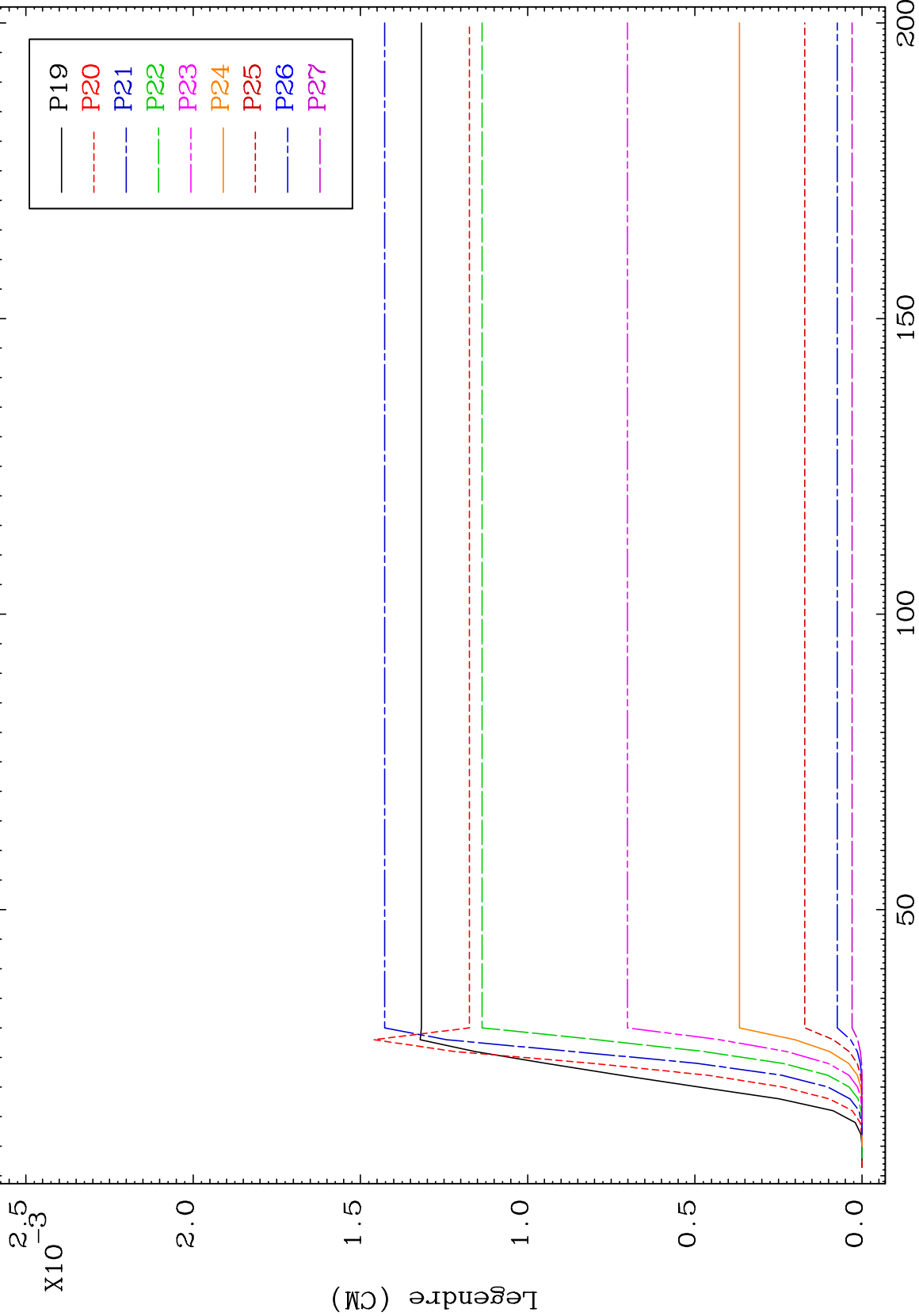
Incident Energy (MeV)

135

MAT 7216

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

72-Hf-171



136

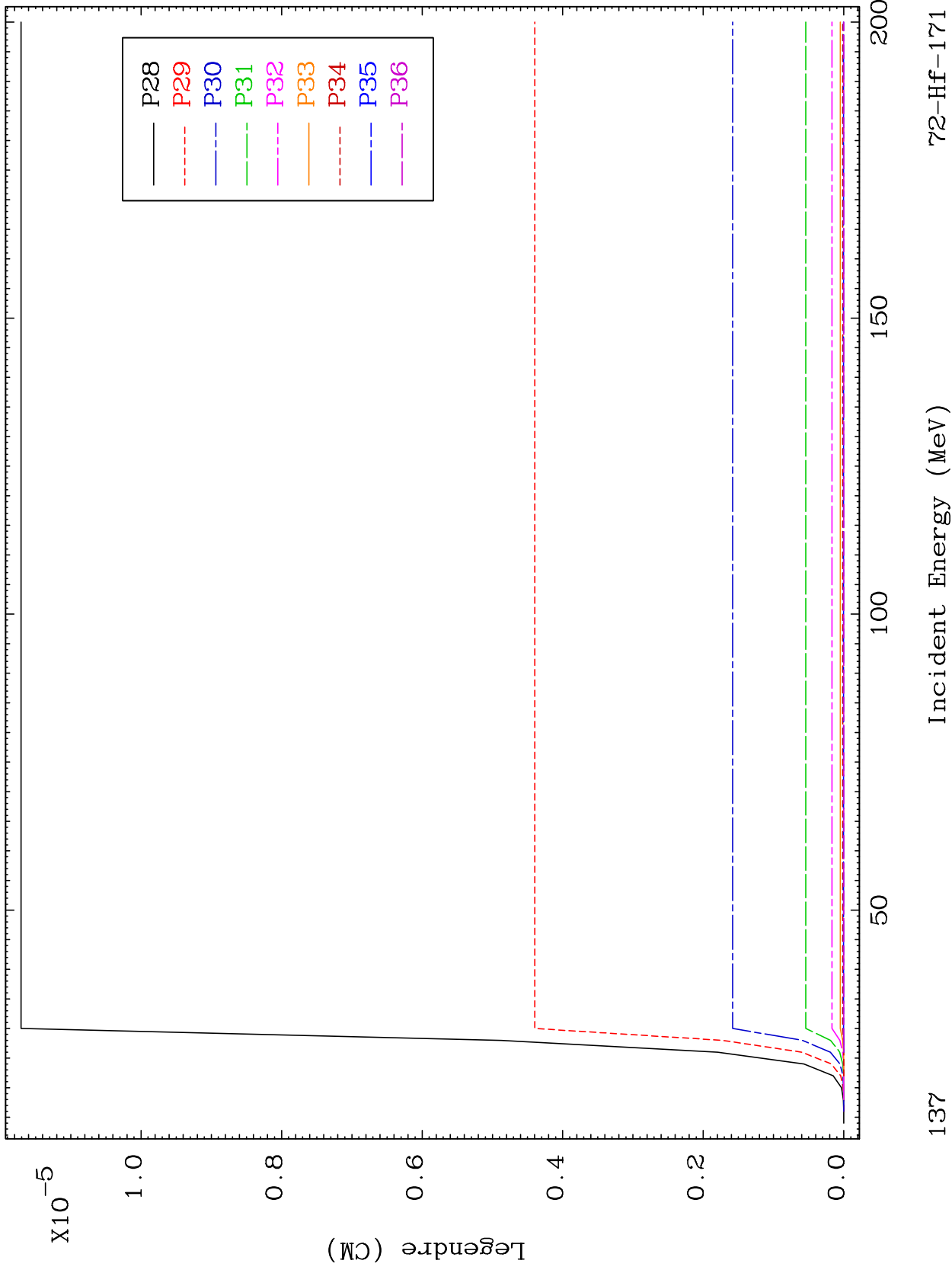
Incident Energy (MeV)

72-Hf-171

MAT 7216

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

72-Hf-171

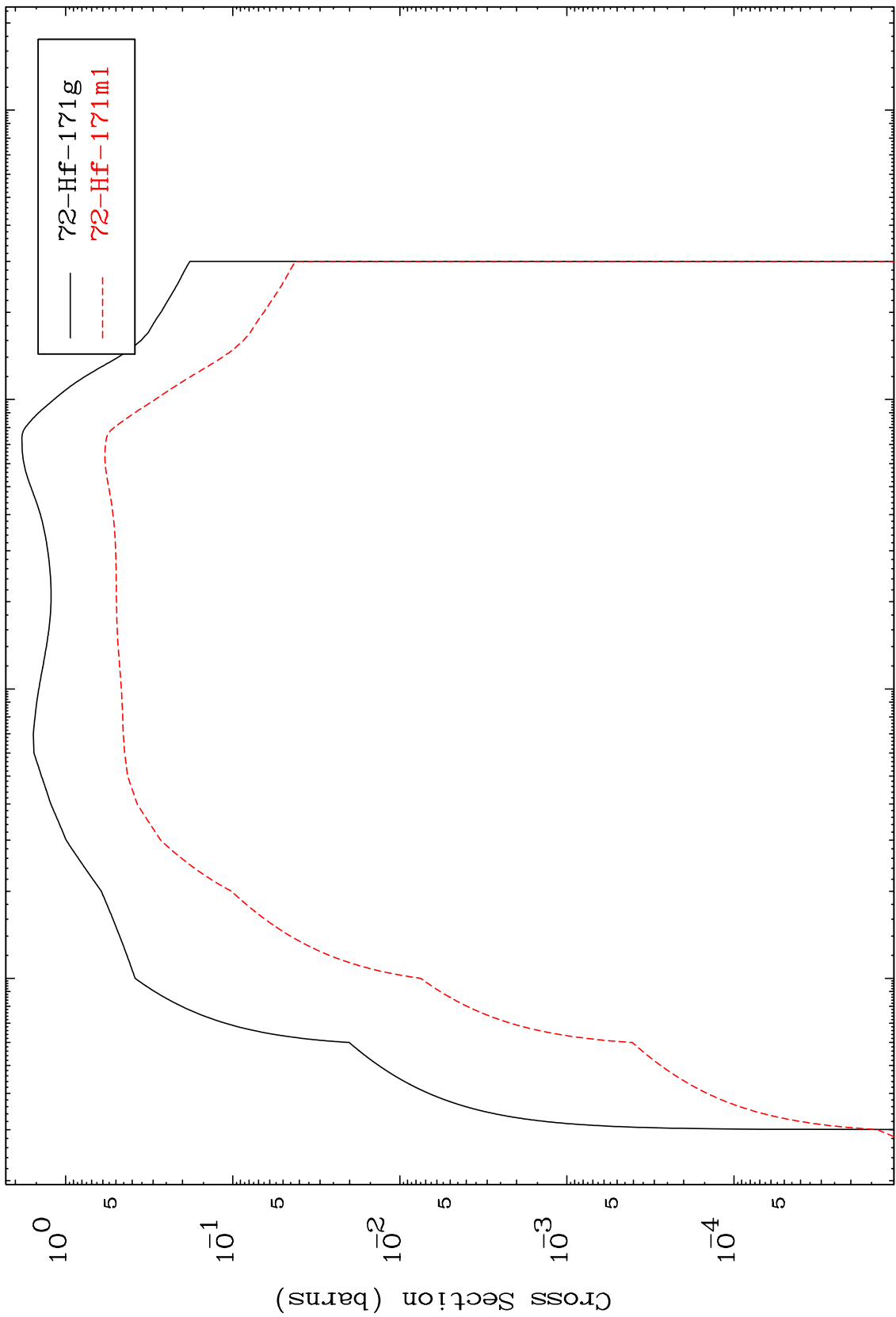


137

MAT 7216

72-Hf-171

Inelastic
Radionuclide Production Cross Section

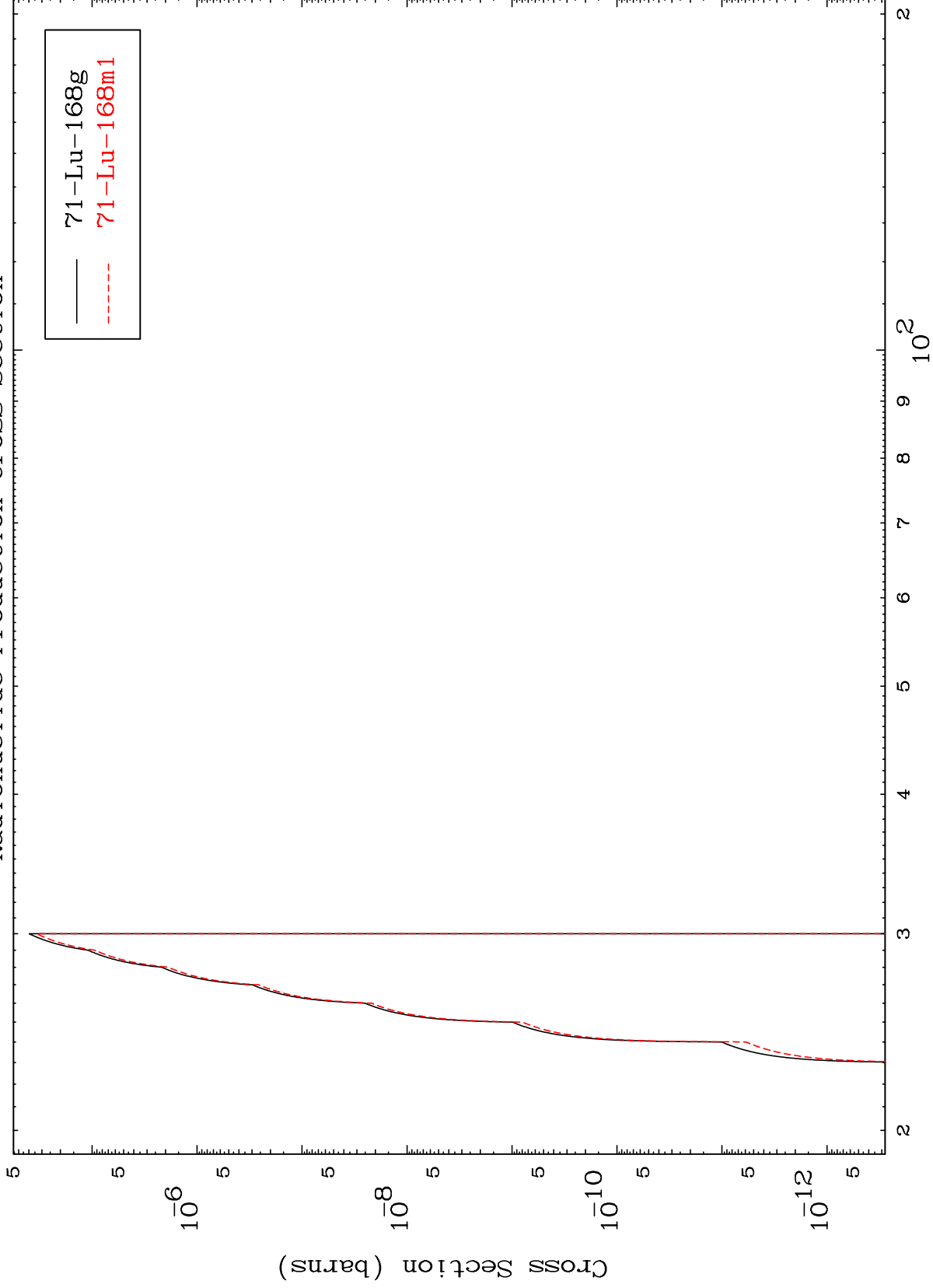


138

72-Hf-171

Incident Energy (MeV)

Radionuclide Production Cross Section

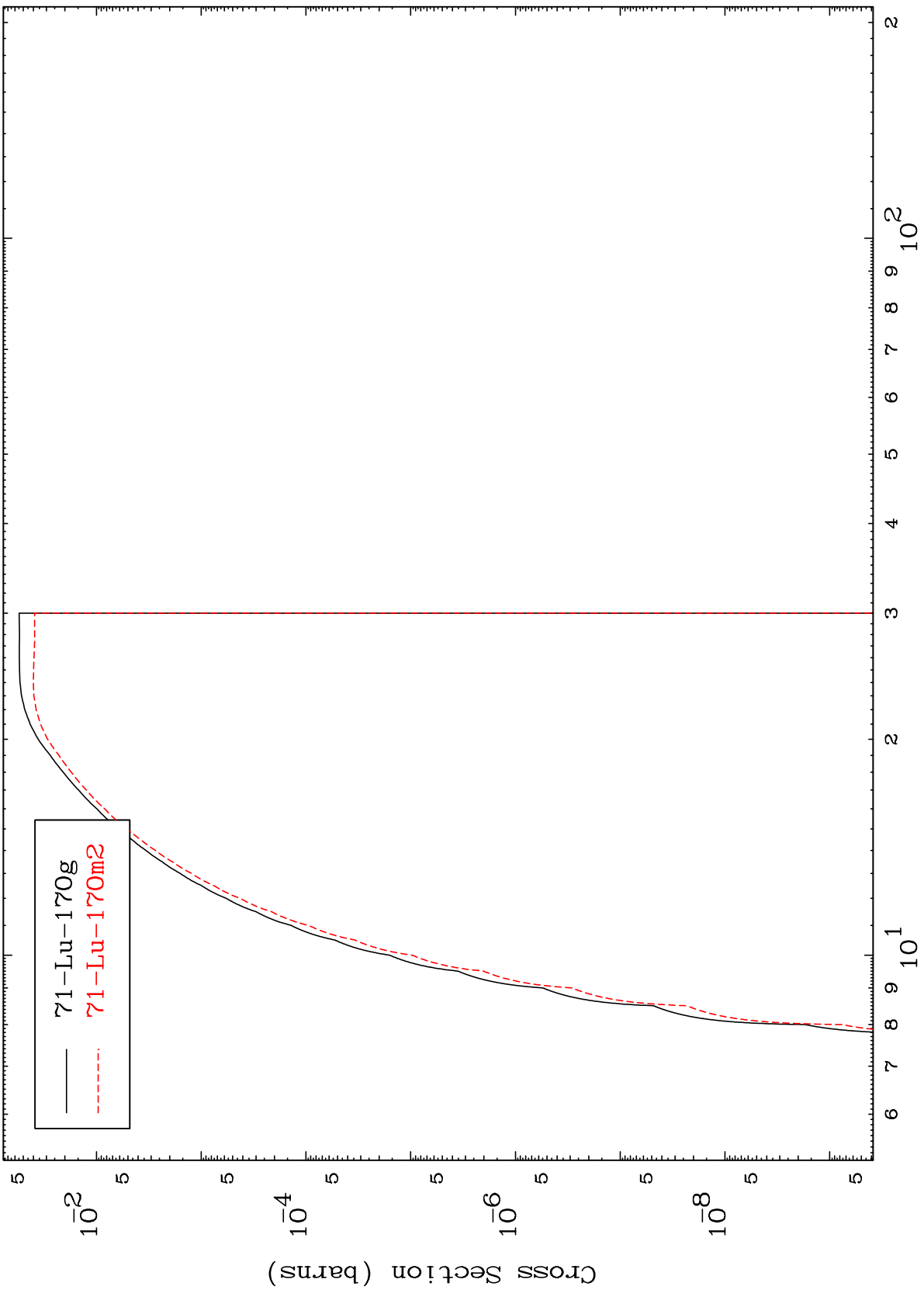


MAT 7216

(n,n') p

72-Hf-171

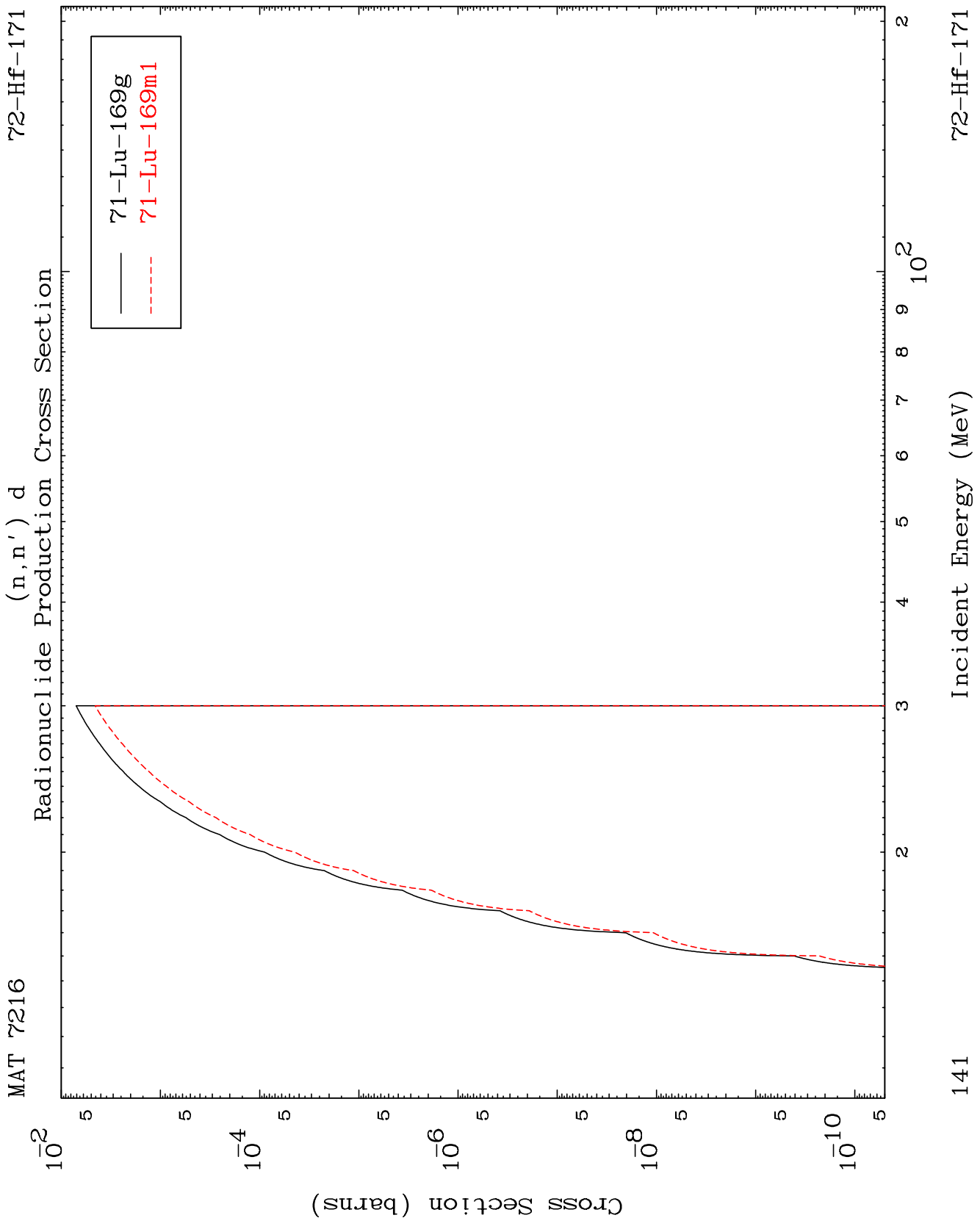
Radionuclide Production Cross Section

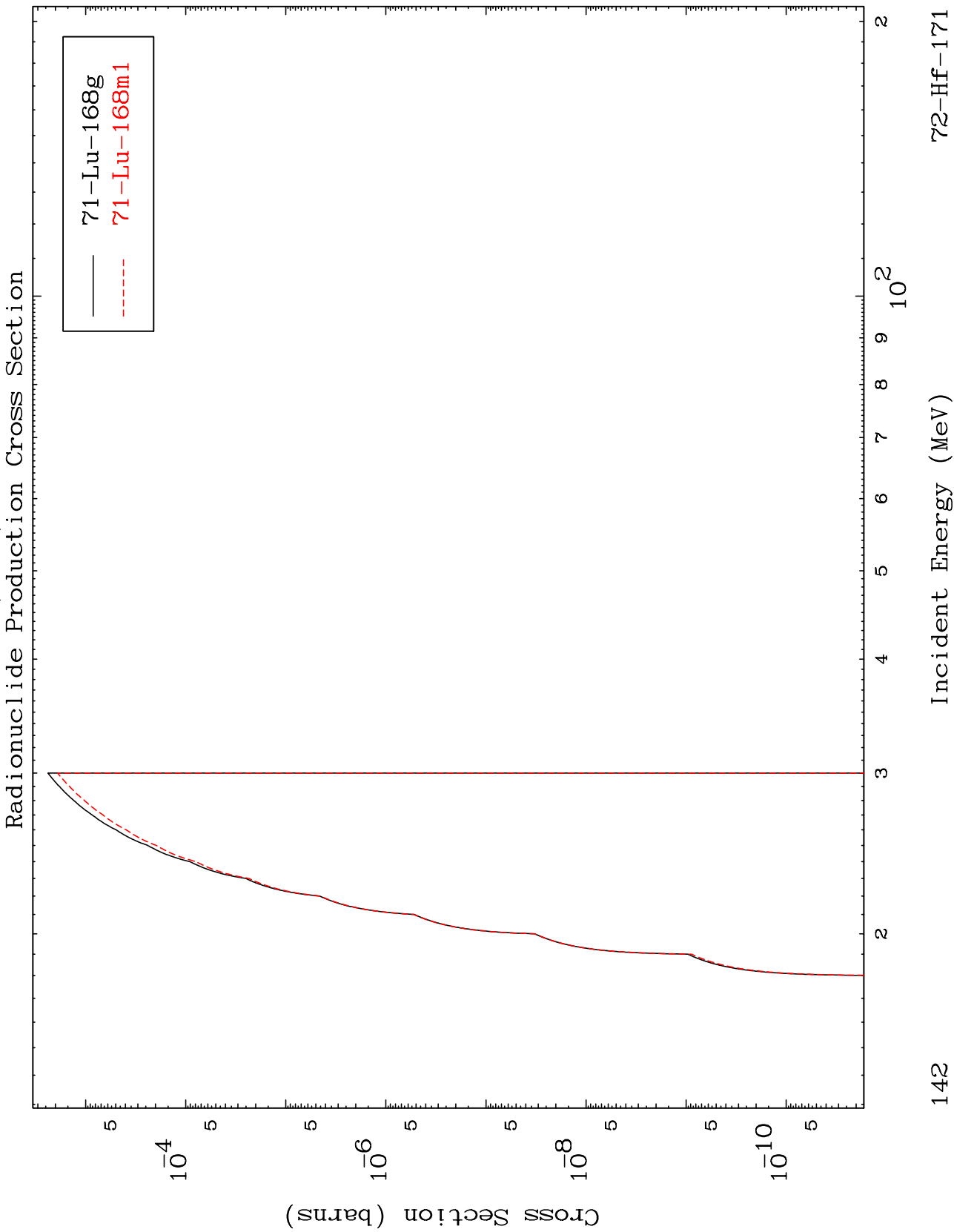


140

Incident Energy (MeV)

72-Hf-171



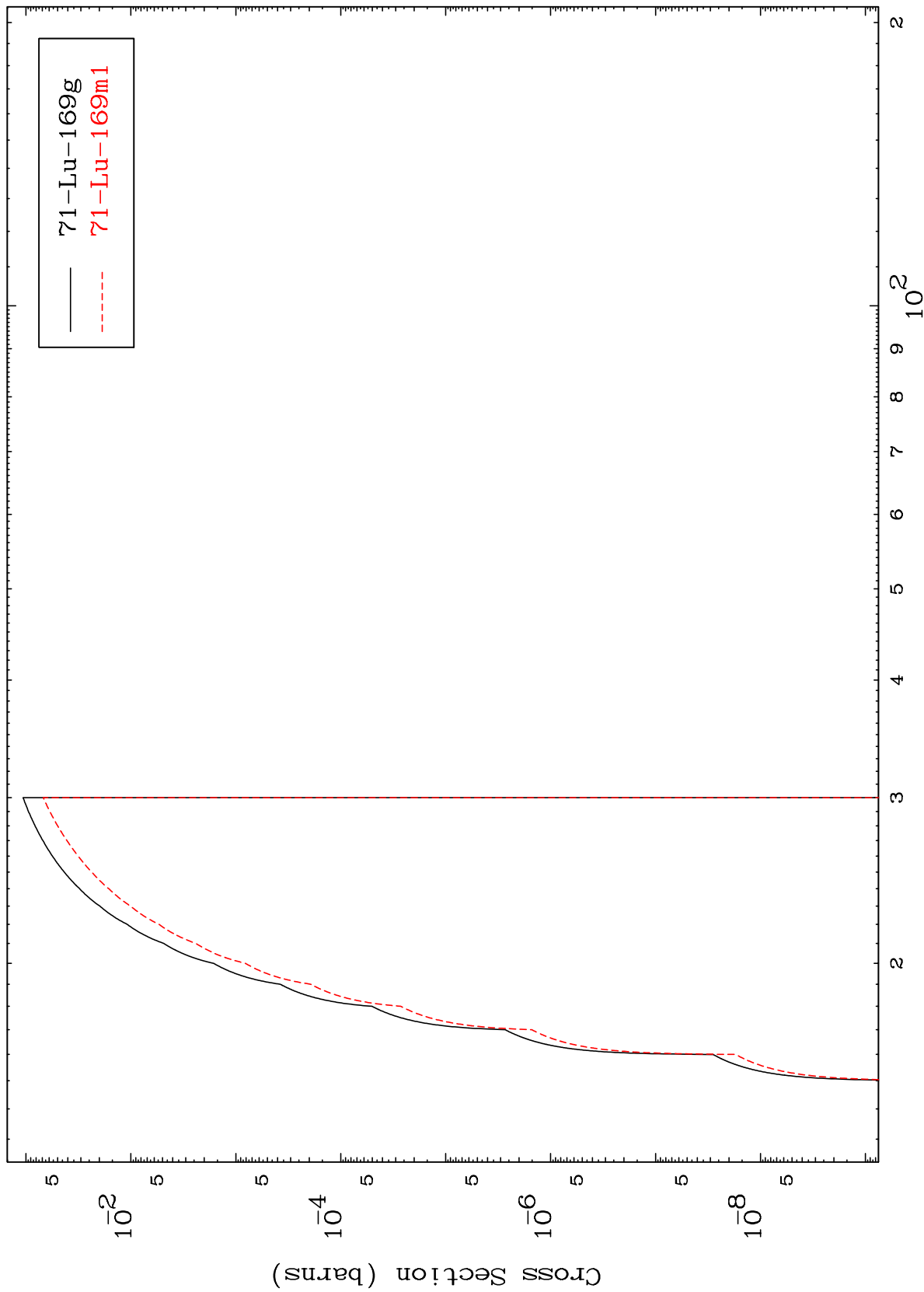


MAT 7216

(n,2n) p

72-Hf-171

Radionuclide Production Cross Section



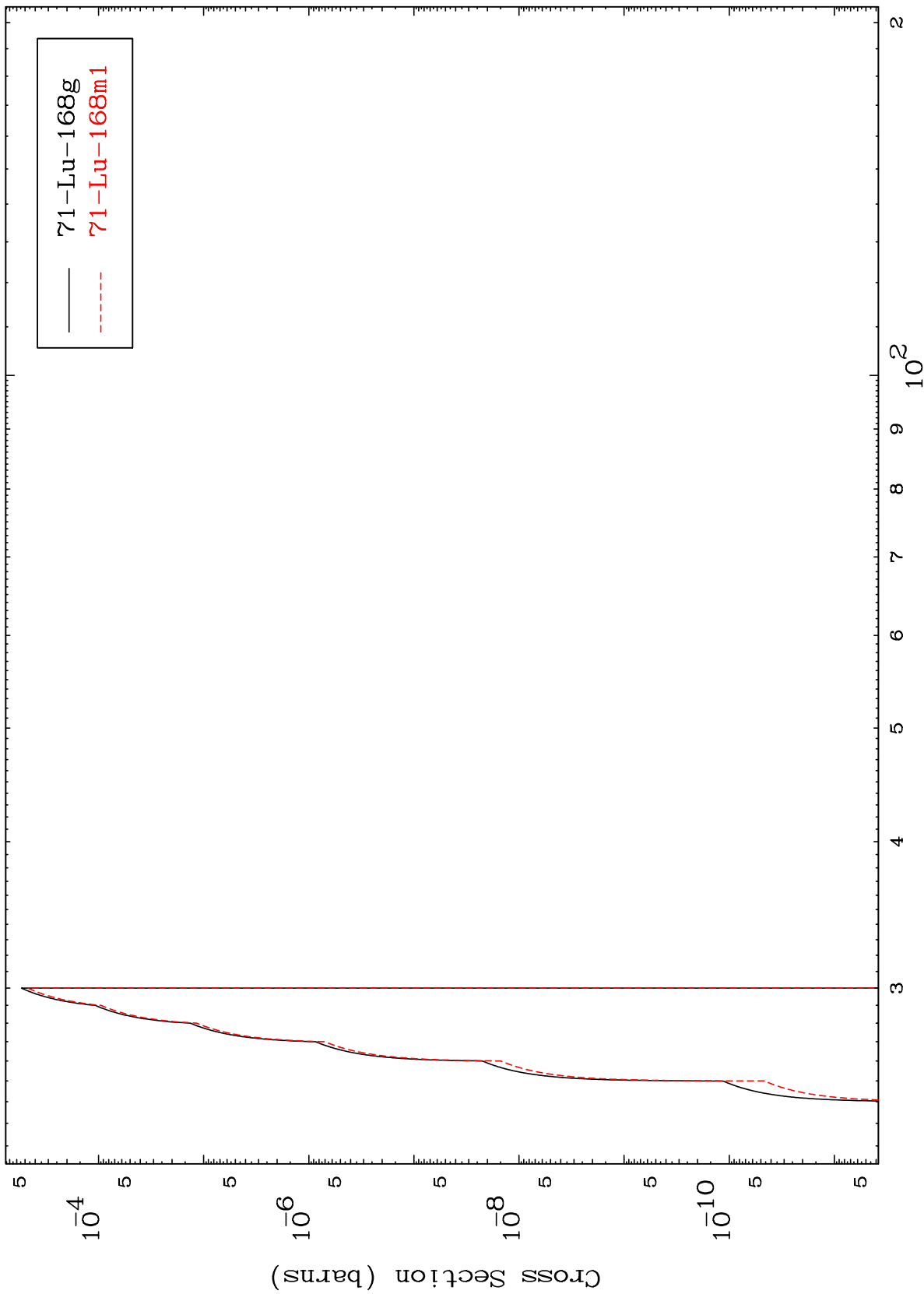
71-Lu-169g
71-Lu-169m1

143

Incident Energy (MeV)

72-Hf-171

Radionuclide Production Cross Section

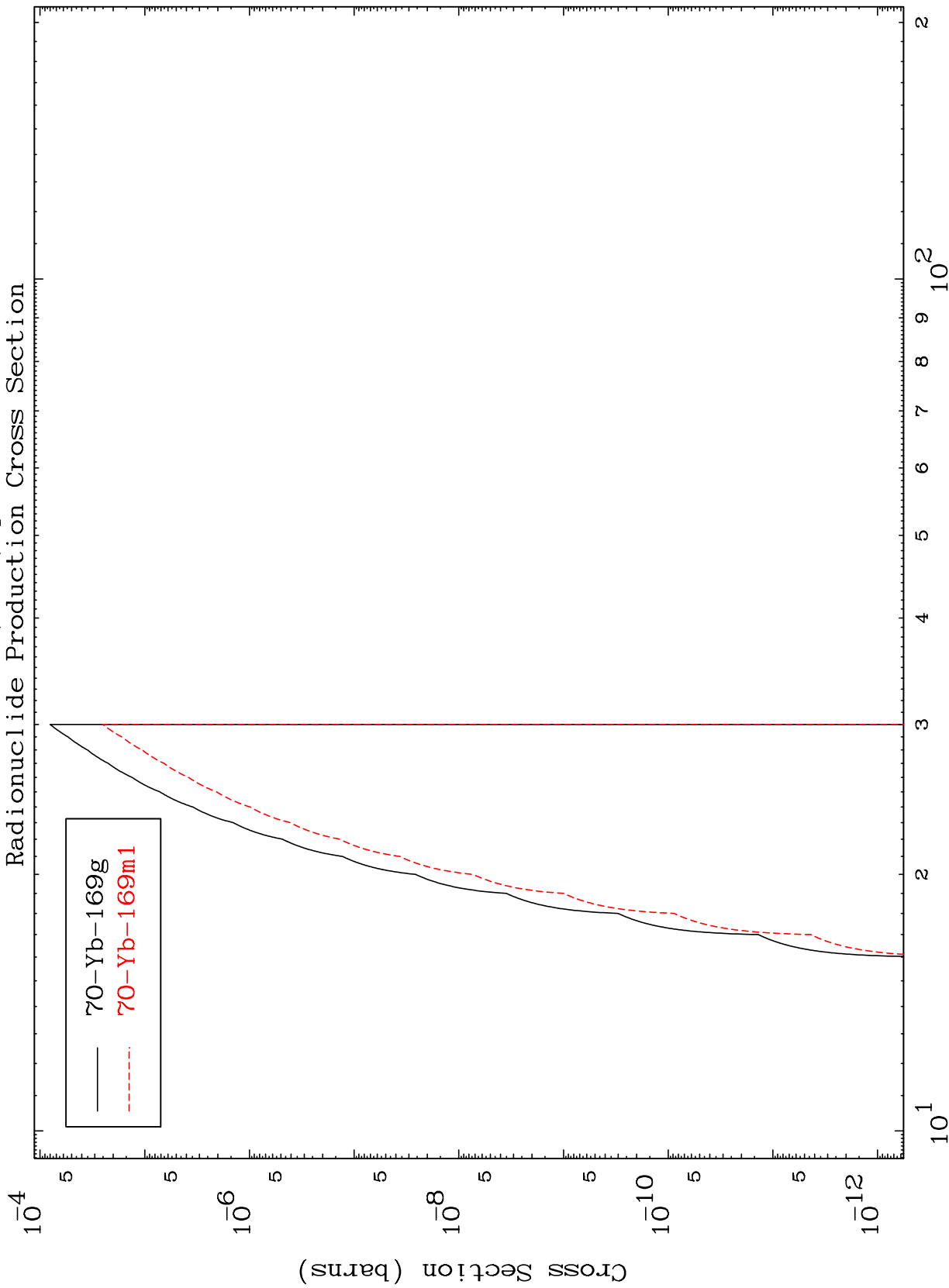


MAT 7216

(n,2n) p

72-Hf-171

Radionuclide Production Cross Section



Incident Energy (MeV)

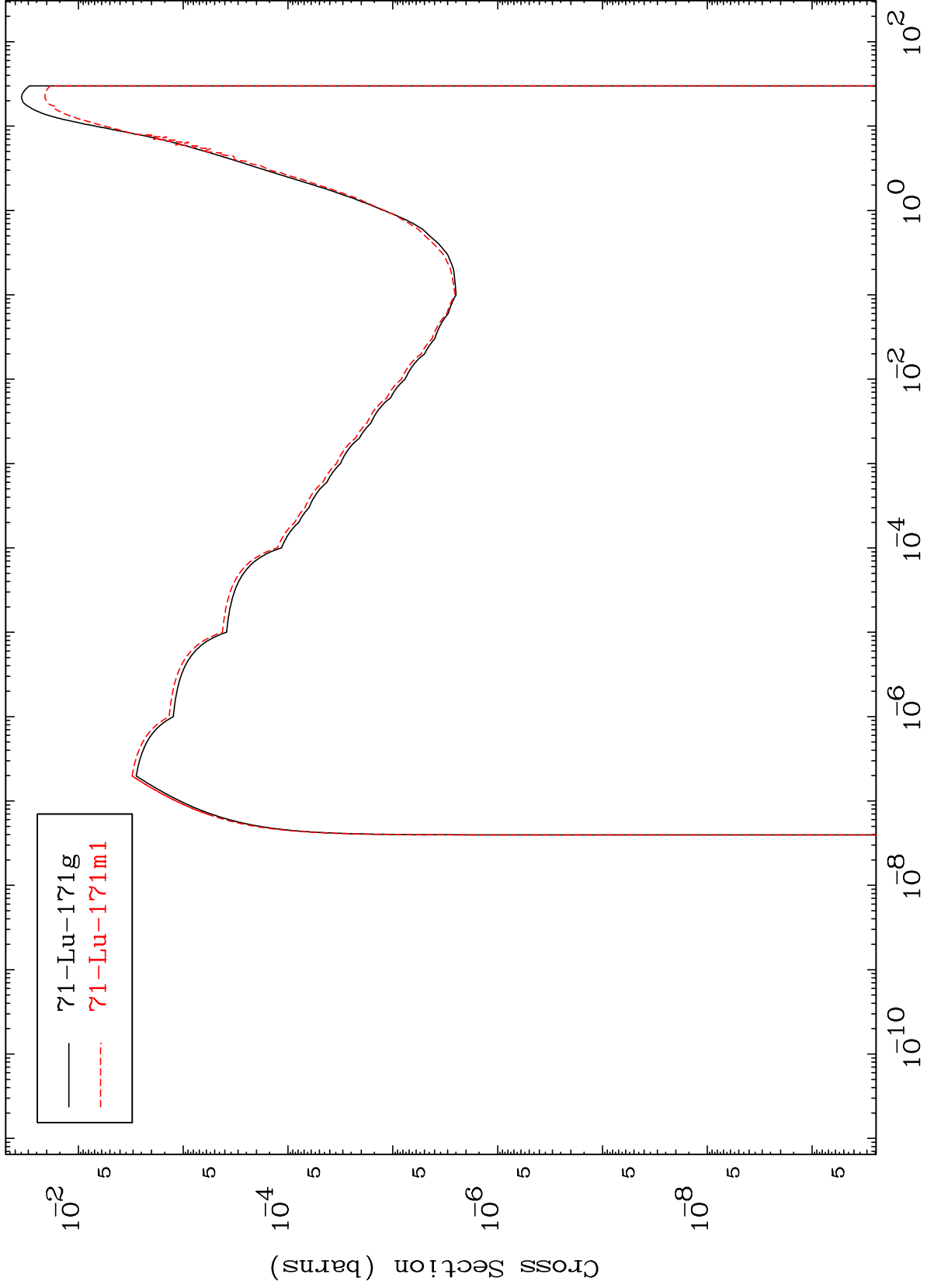
72-Hf-171

MAT 7216

(n,p)

72-Hf-171

Radionuclide Production Cross Section



146

Incident Energy (MeV)

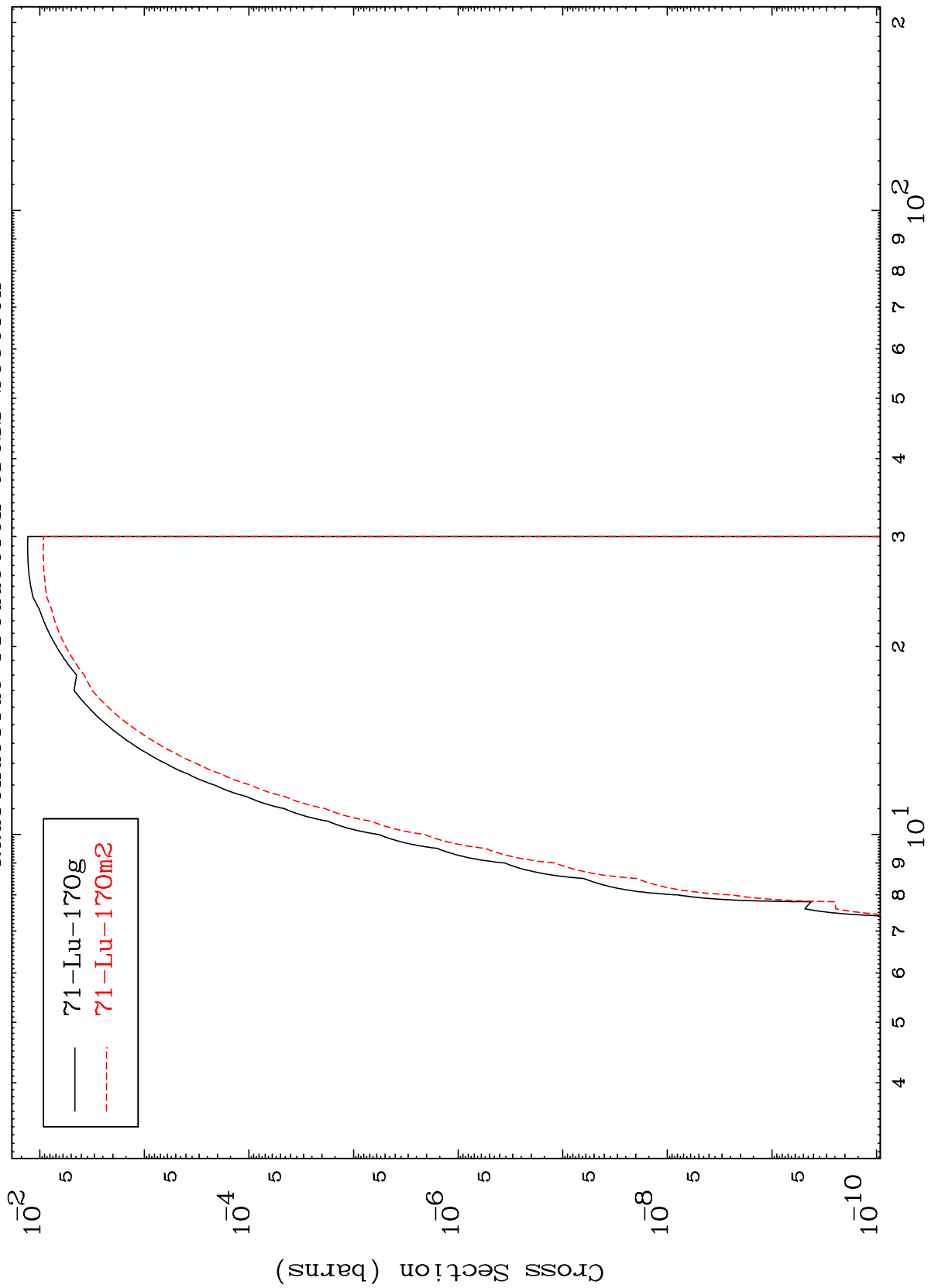
72-Hf-171

MAT 7216

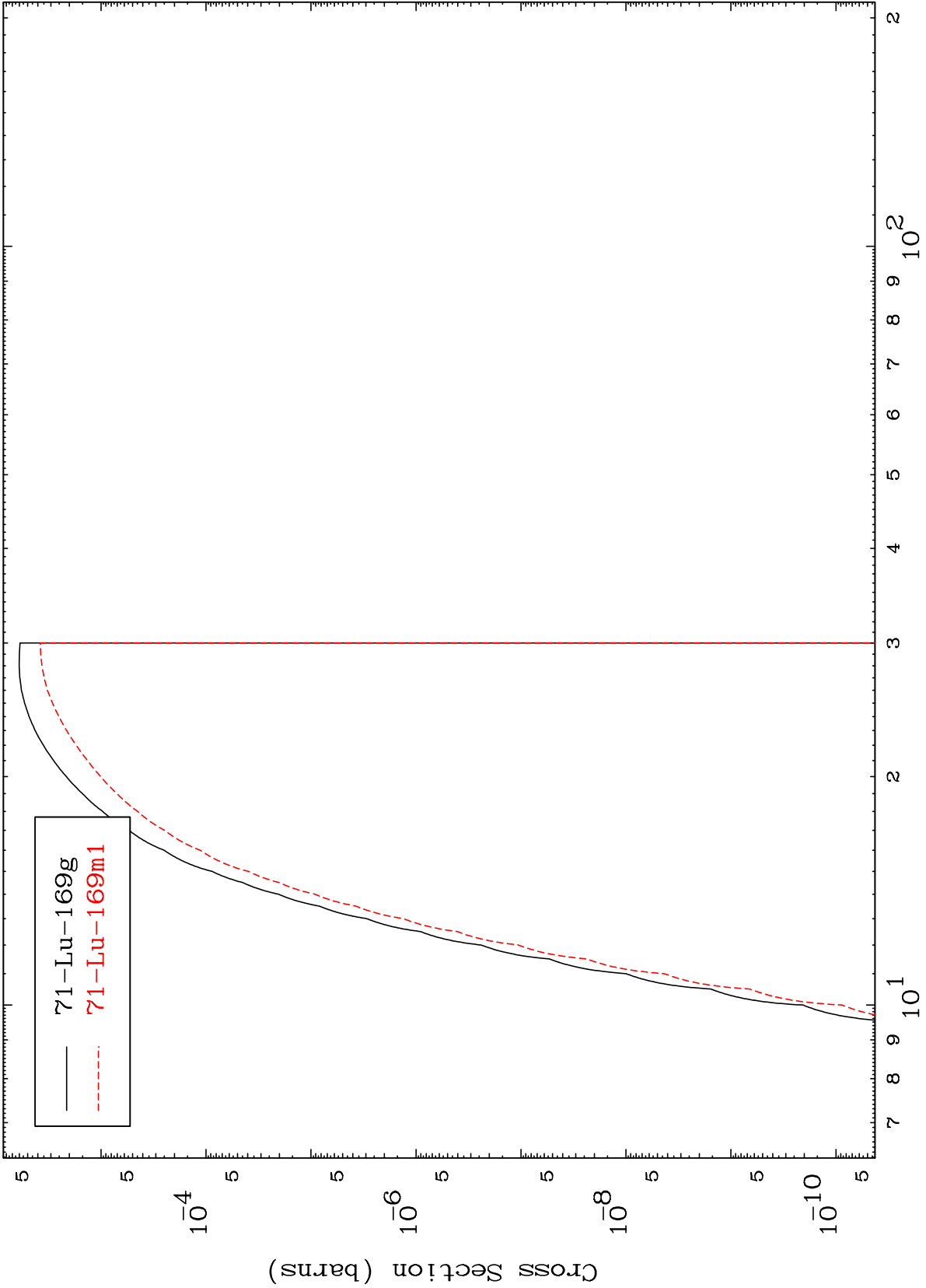
(n, d)

72-Hf-171

Radionuclide Production Cross Section



(n, t)
Radionuclide Production Cross Section

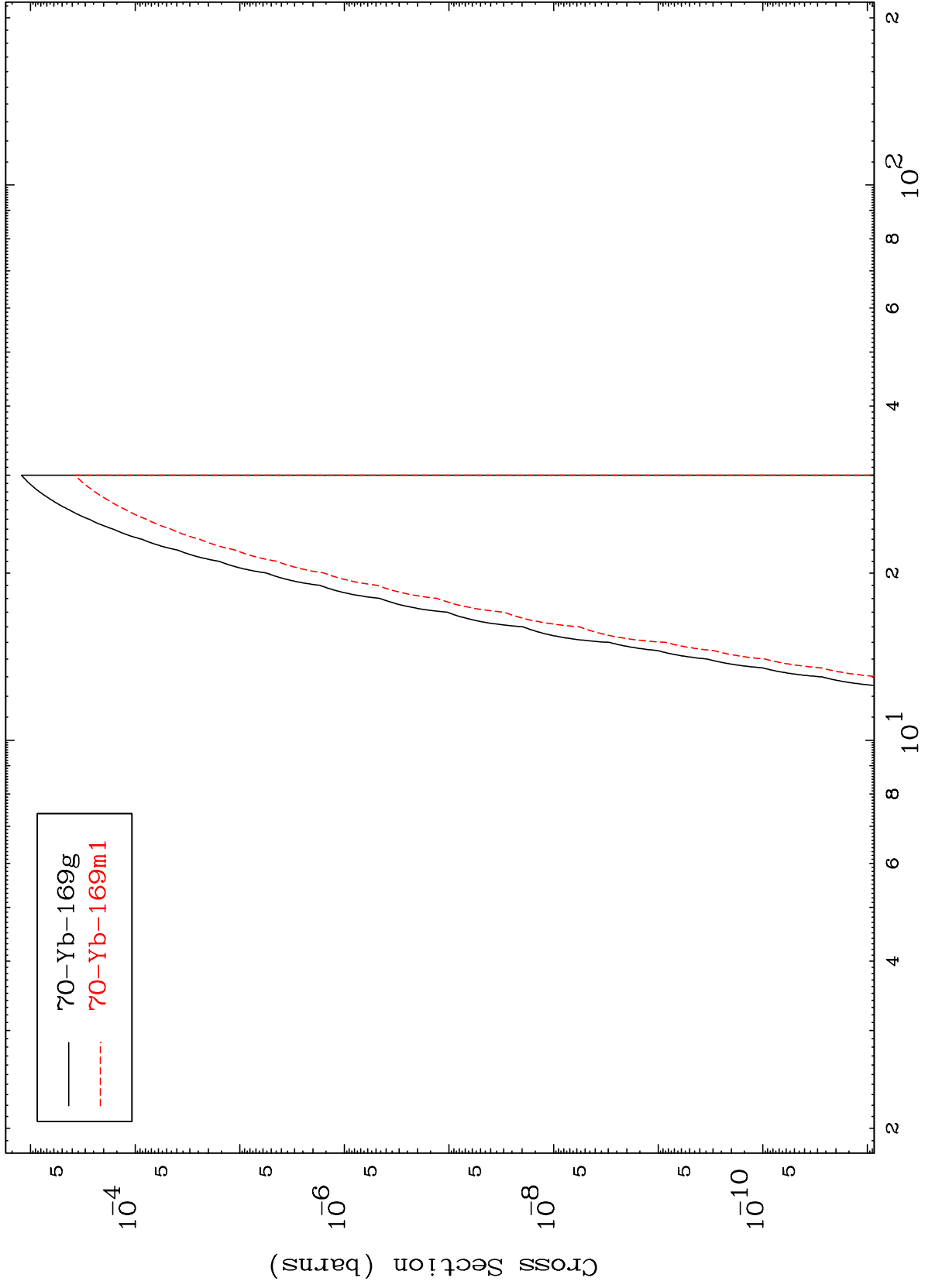


MAT 7216

(n,He-3)

72-Hf-171

Radionuclide Production Cross Section



70-Yb-169g
70-Yb-169m1

149

Incident Energy (MeV)

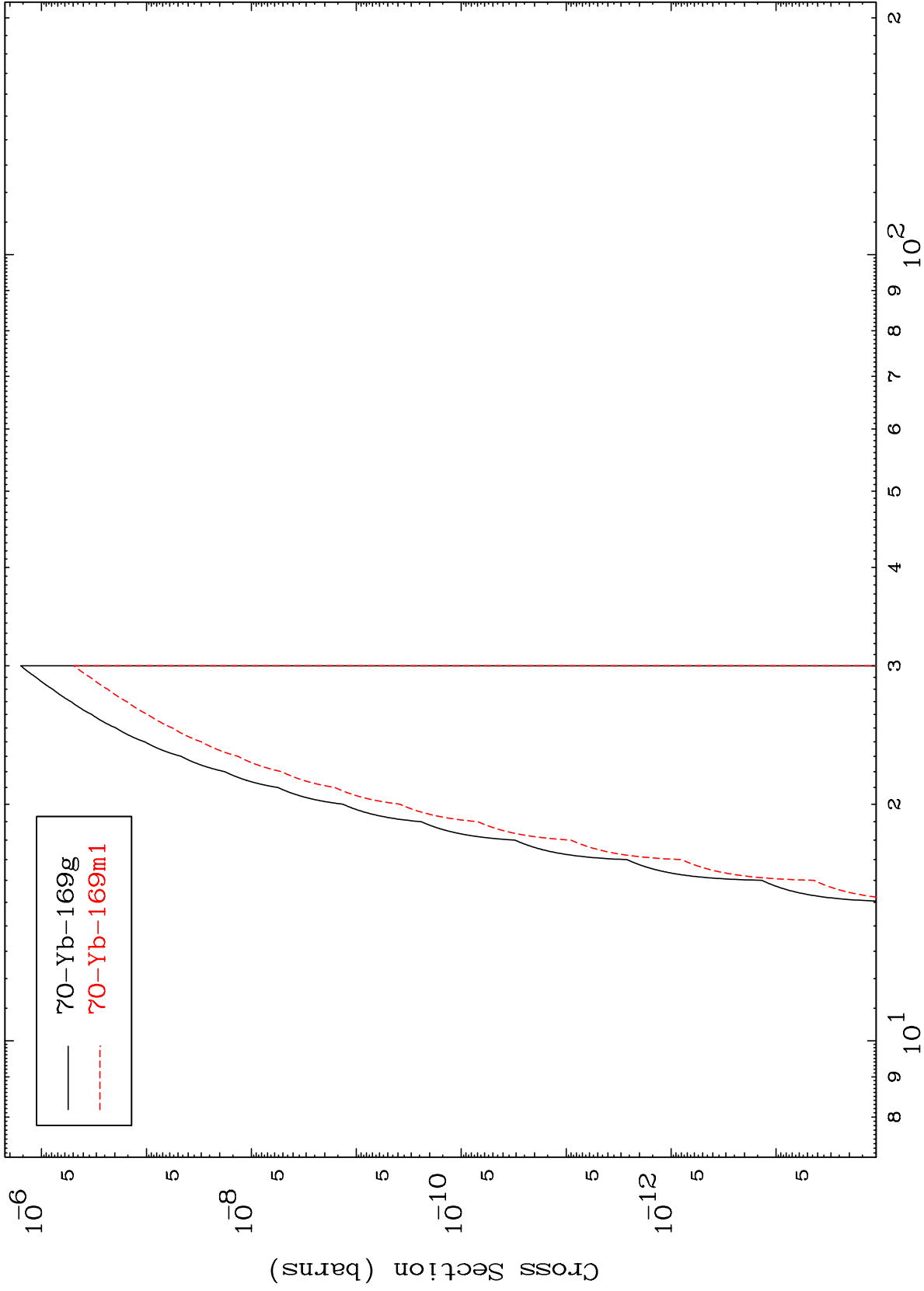
72-Hf-171

MAT 7216

(n,p) d

72-Hf-171

Radionuclide Production Cross Section



150

Incident Energy (MeV)

72-Hf-171