

Program EVALPLOT
(Version 2017-1)

by

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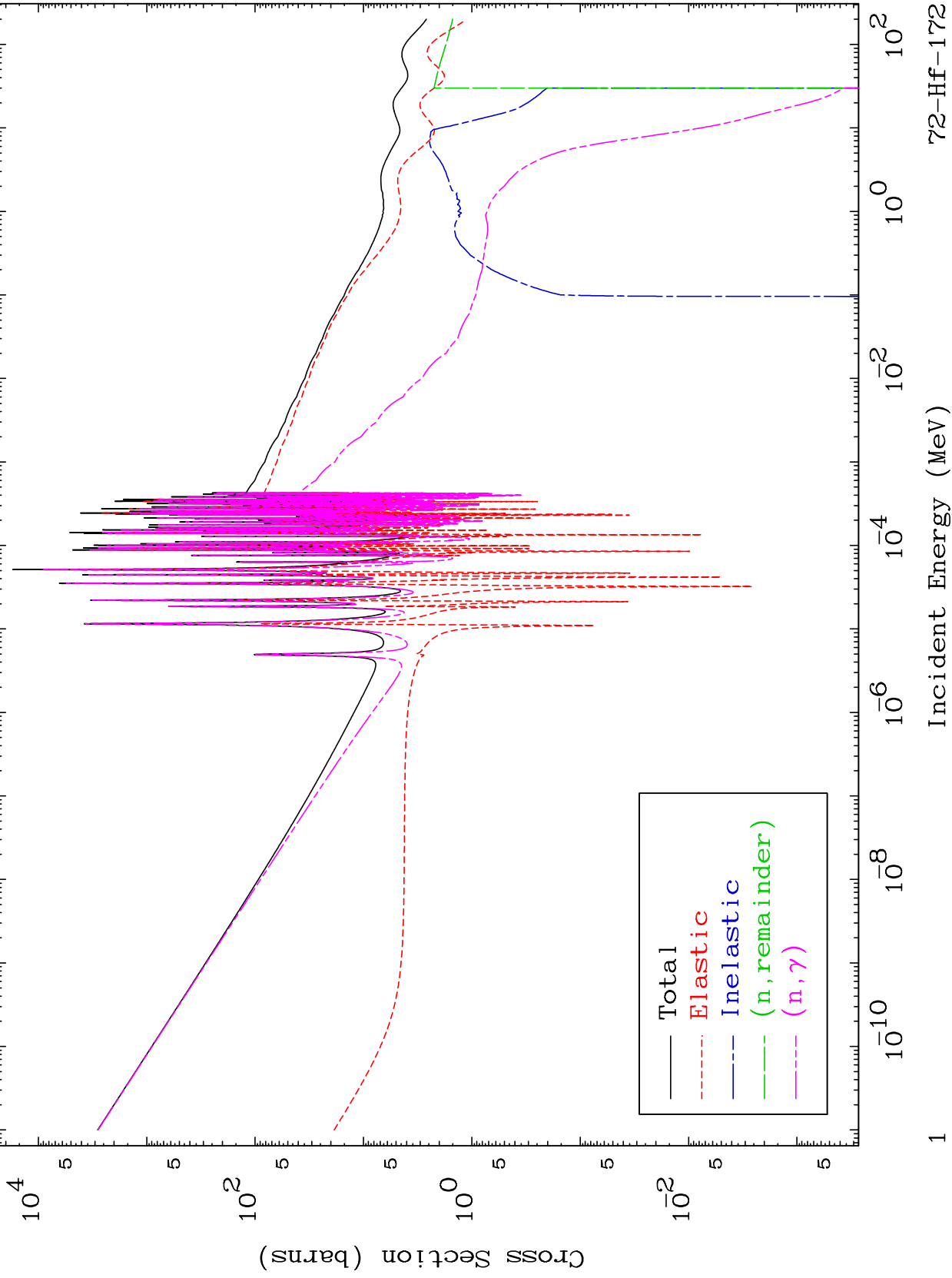
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Press Mouse Button to Start

MAT 7219

Major
293 Kelvin Cross Sections

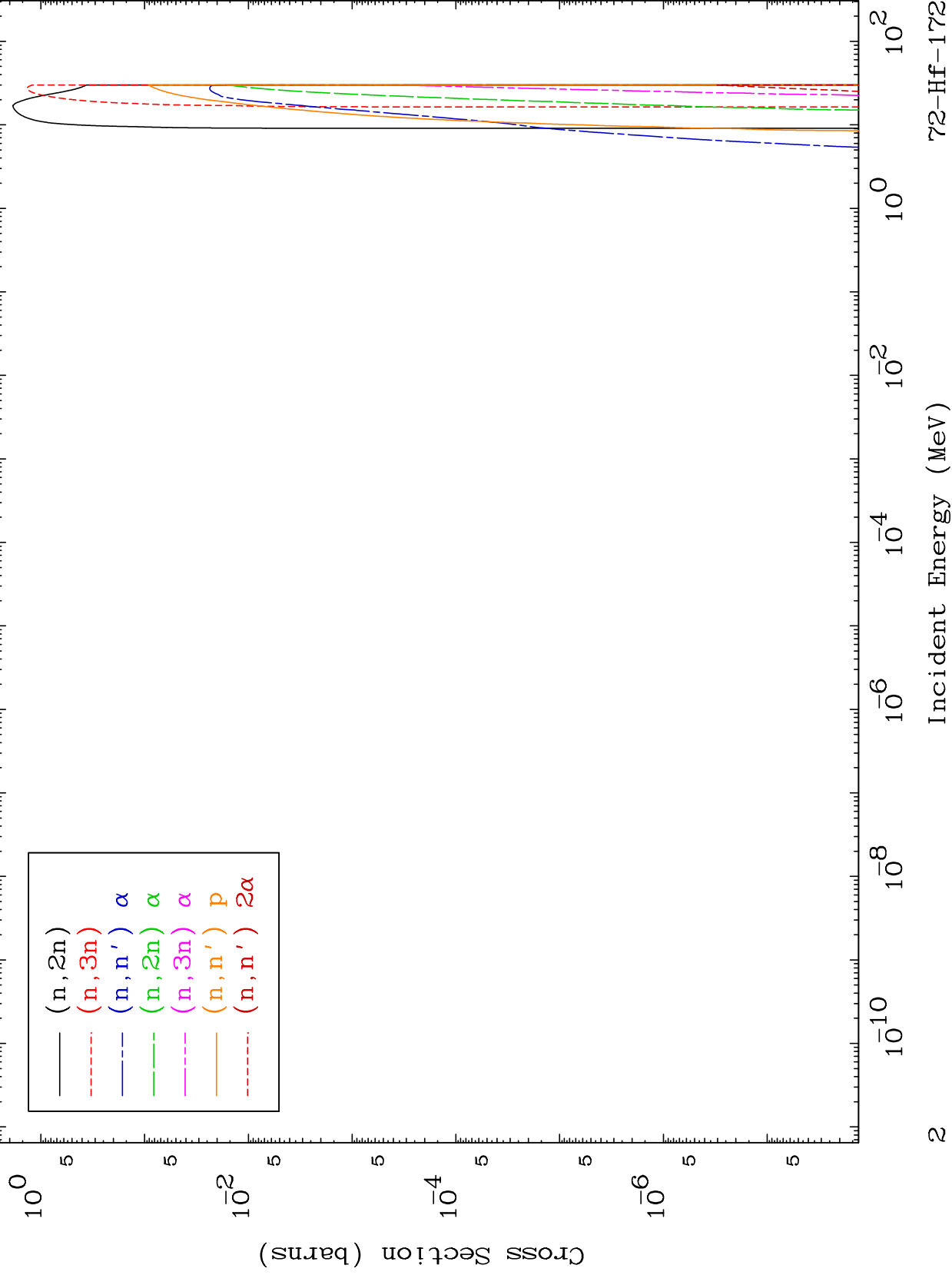
72-Hf-172

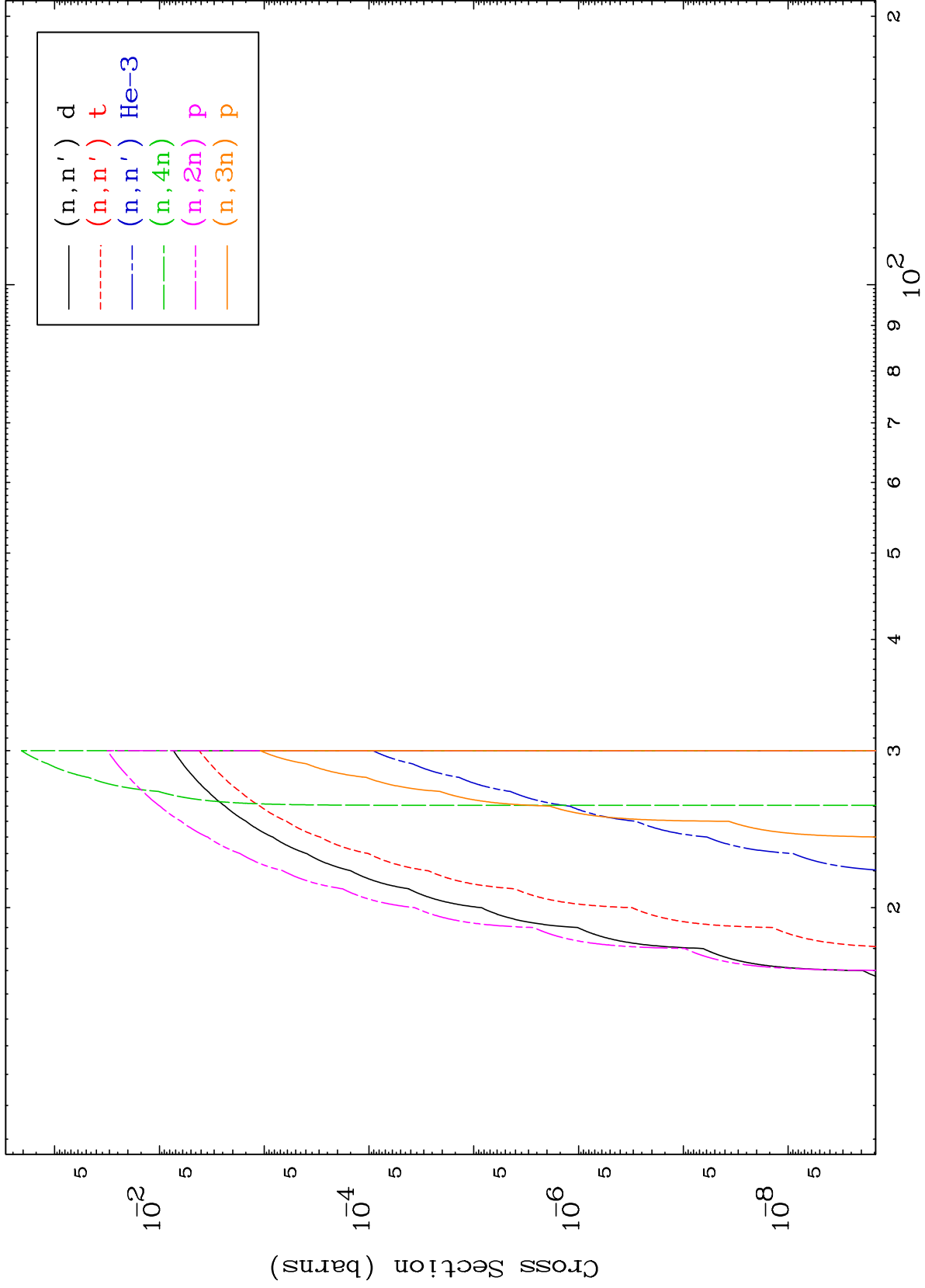


MAT 7219

Neutron Production
293 Kelvin Cross Sections

72-Hf-172

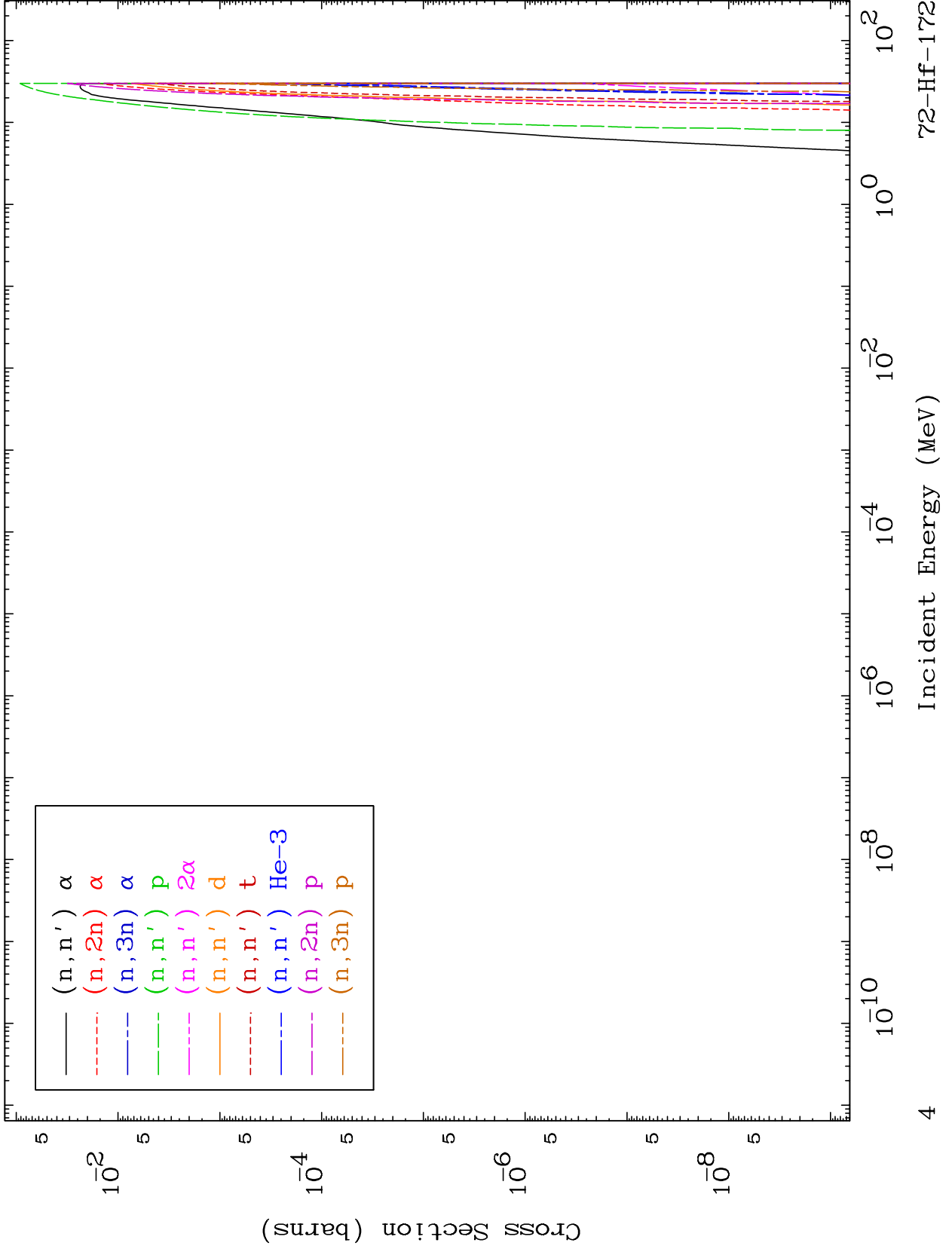


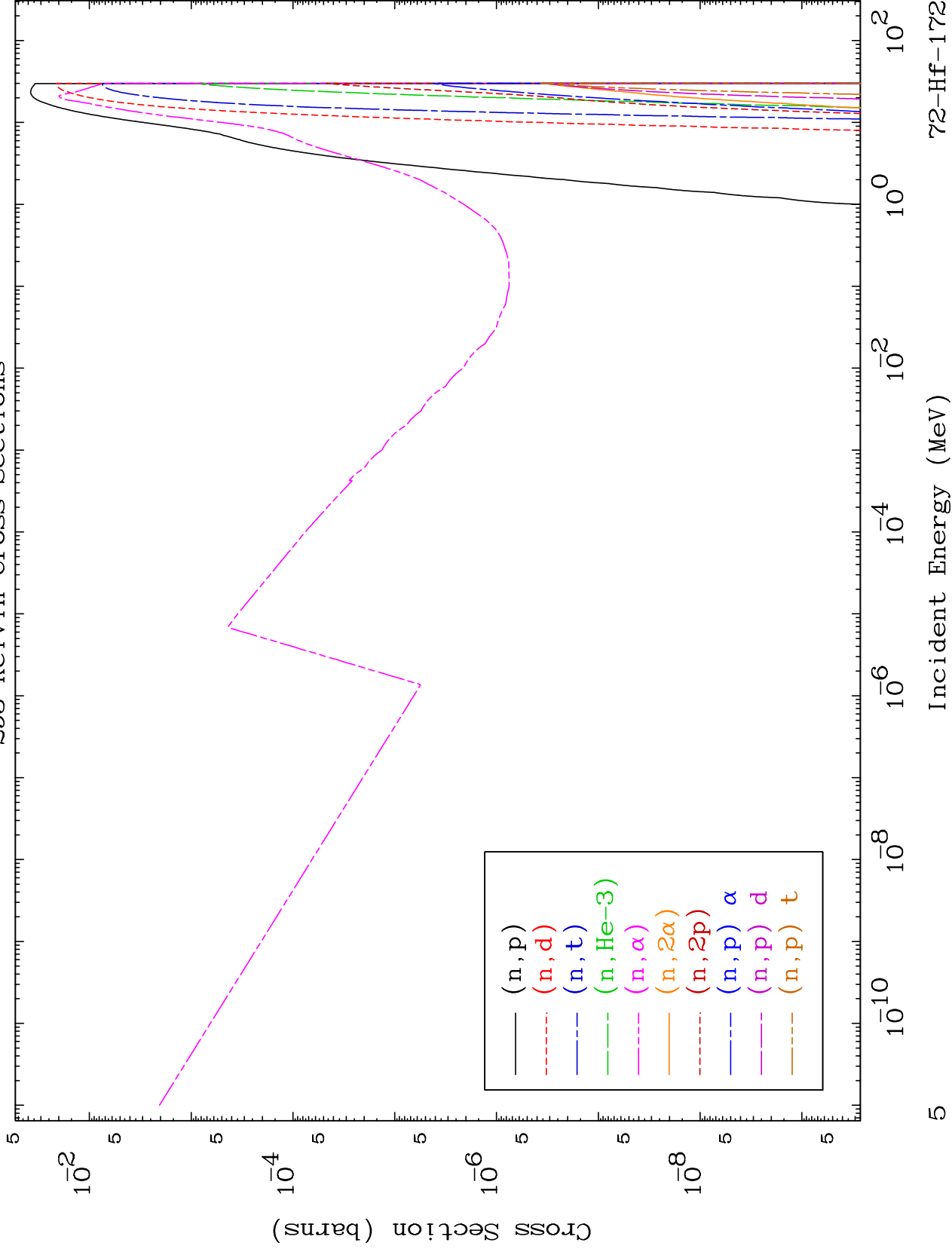


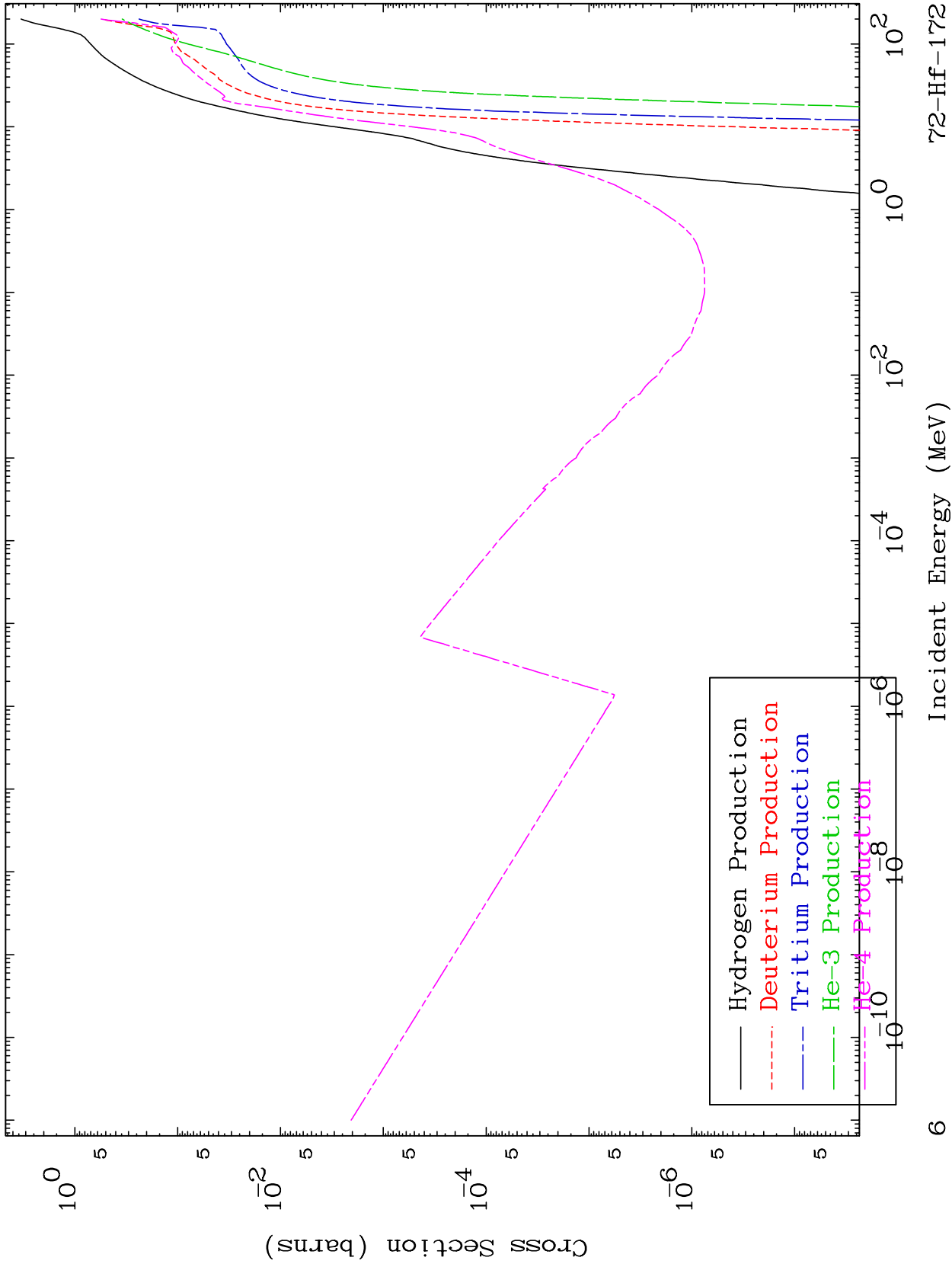
MAT 7219

Charged Particle
293 Kelvin Cross Sections

72-Hf-172



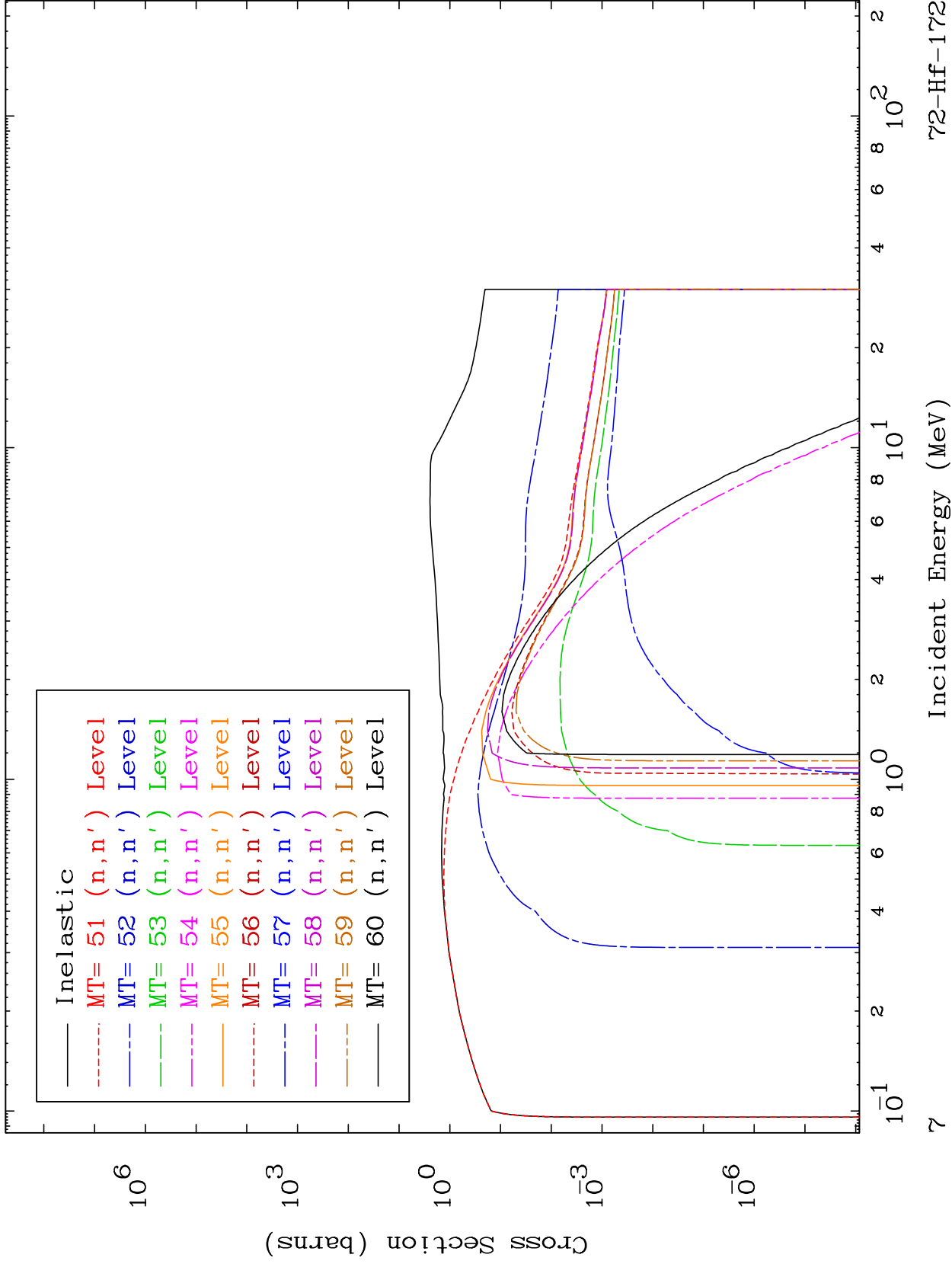




MAT 7219

(n,n') Level
293 Kelvin Cross Sections

72-Hf-172

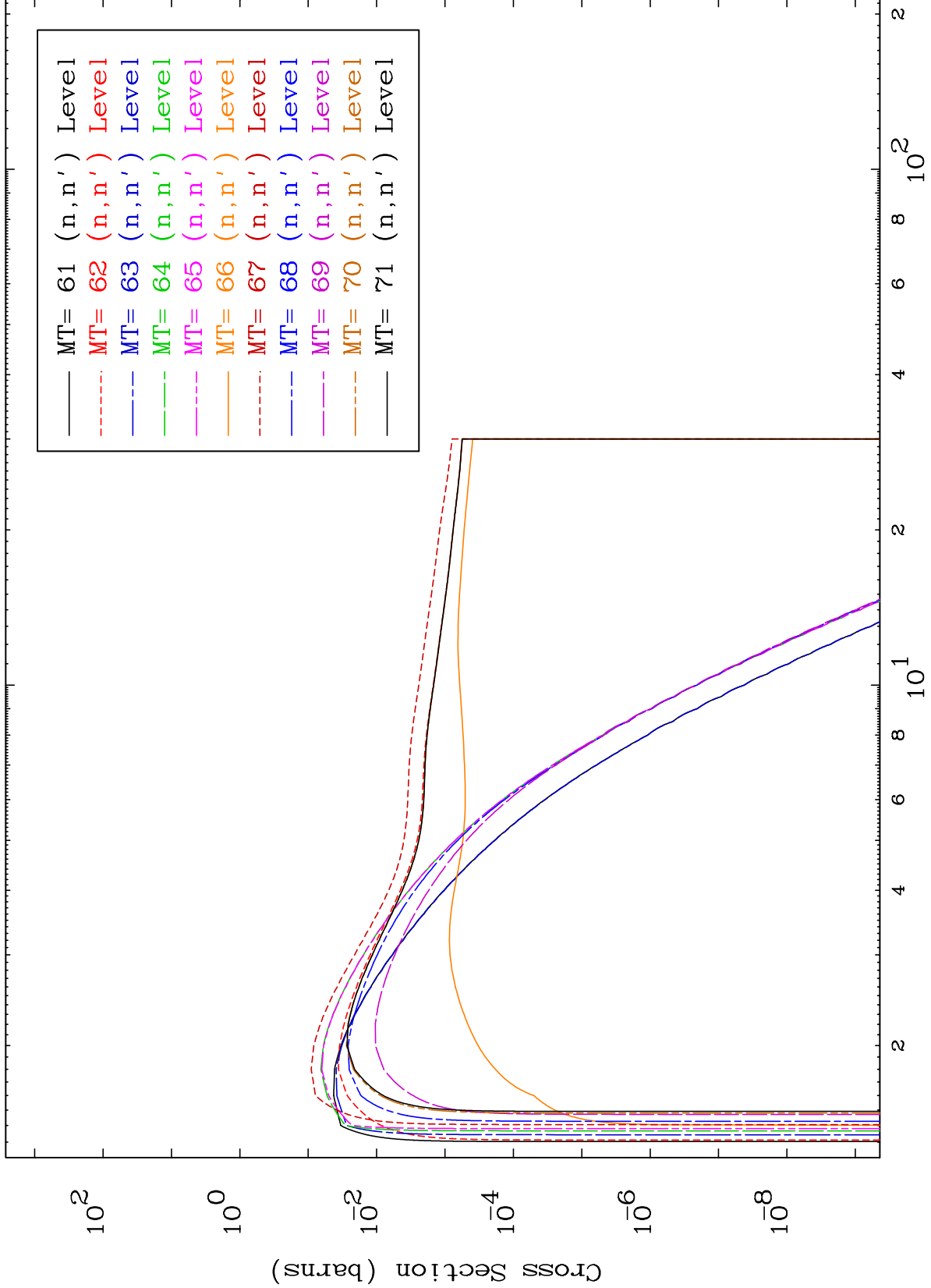


MAT 7219

(n,n') Level

293 Kelvin Cross Sections

72-Hf-172

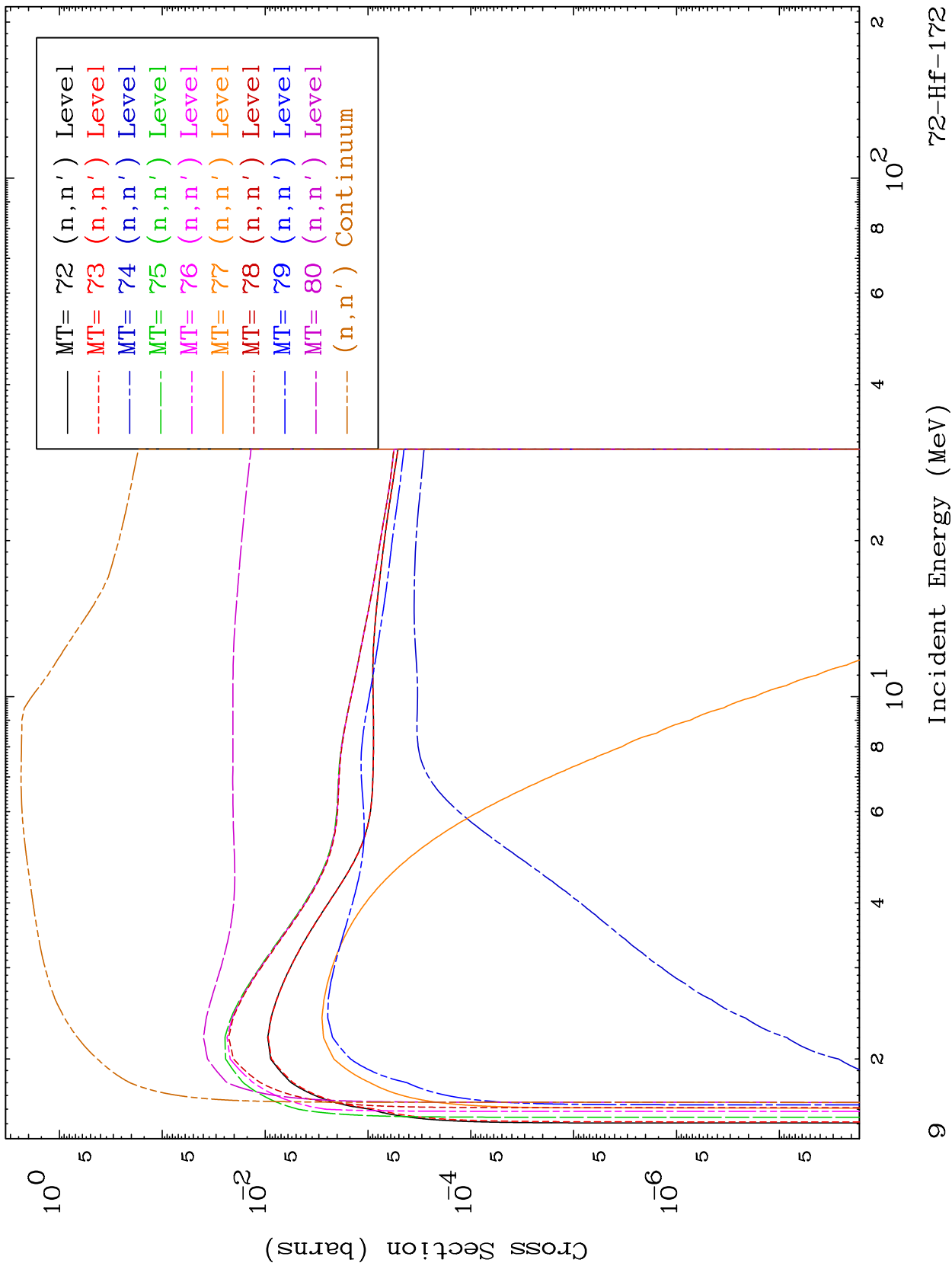


8

Incident Energy (MeV)

72-Hf-172

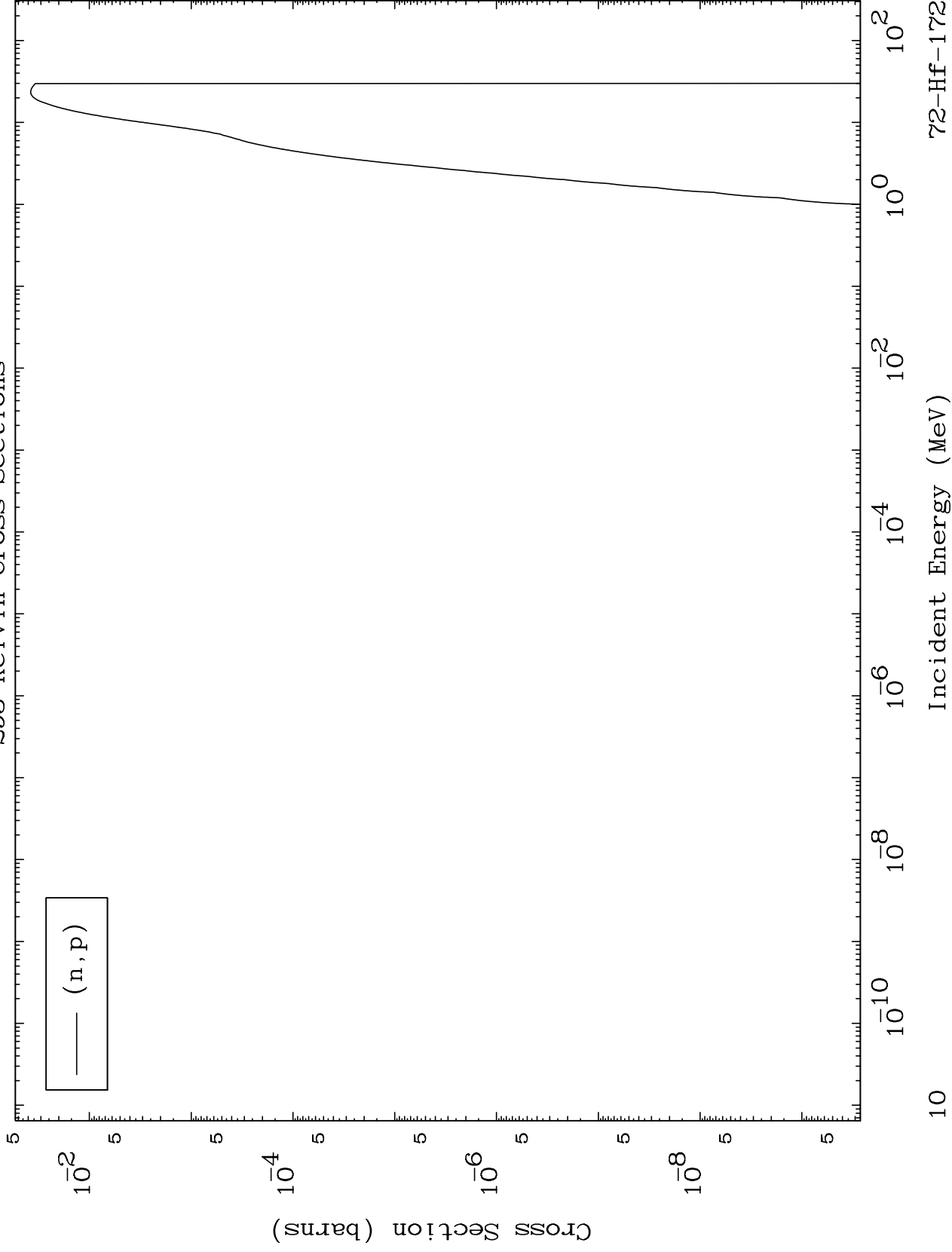
293 Kelvin Cross Sections



MAT 7219

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-172



10

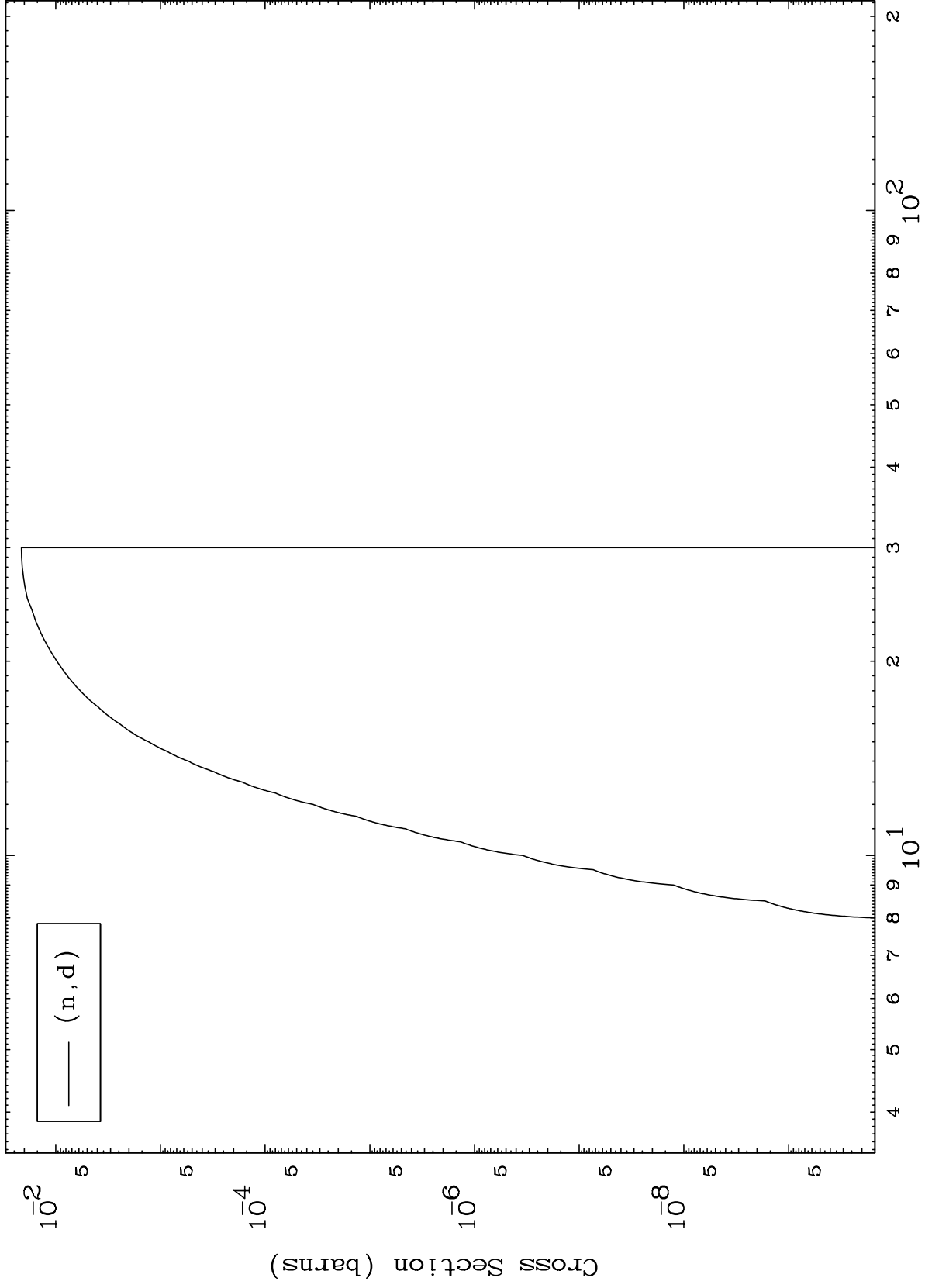
Incident Energy (MeV)

72-Hf-172

MAT 7219

(n,d) Levels
293 Kelvin Cross Sections

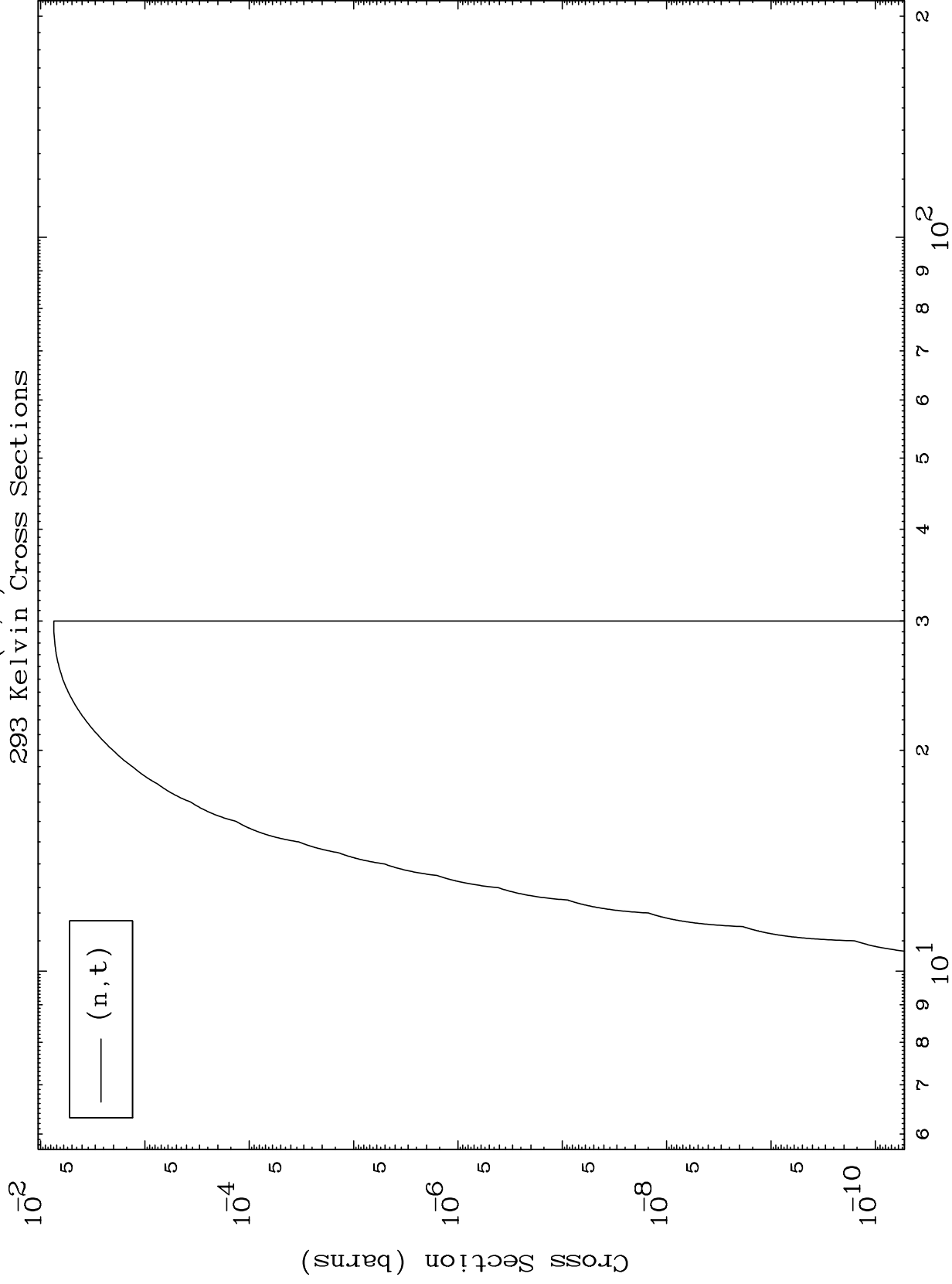
72-Hf-172



MAT 7219

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-172



12

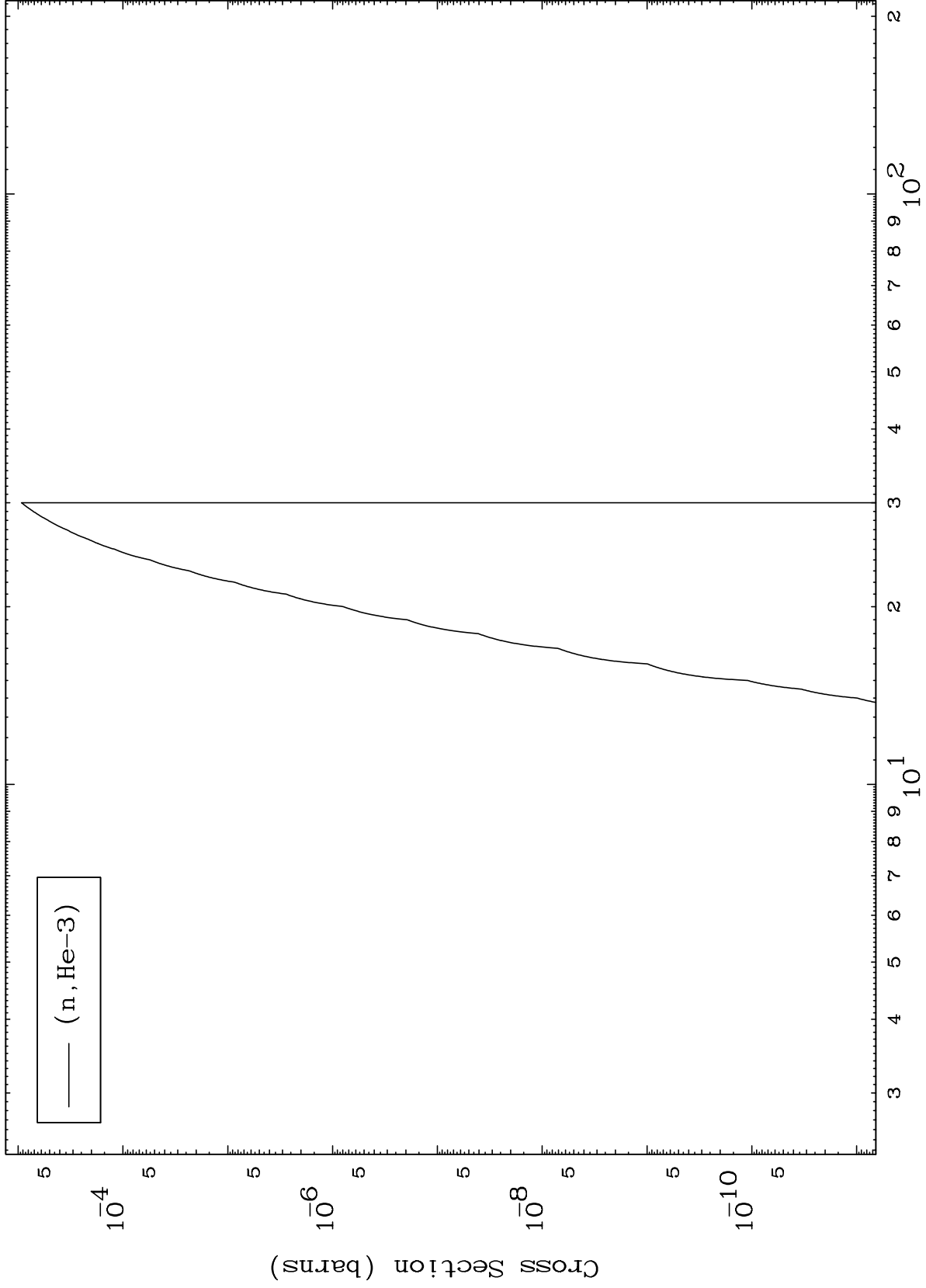
Incident Energy (MeV)

72-Hf-172

MAT 7219

(n,He3) Levels
293 Kelvin Cross Sections

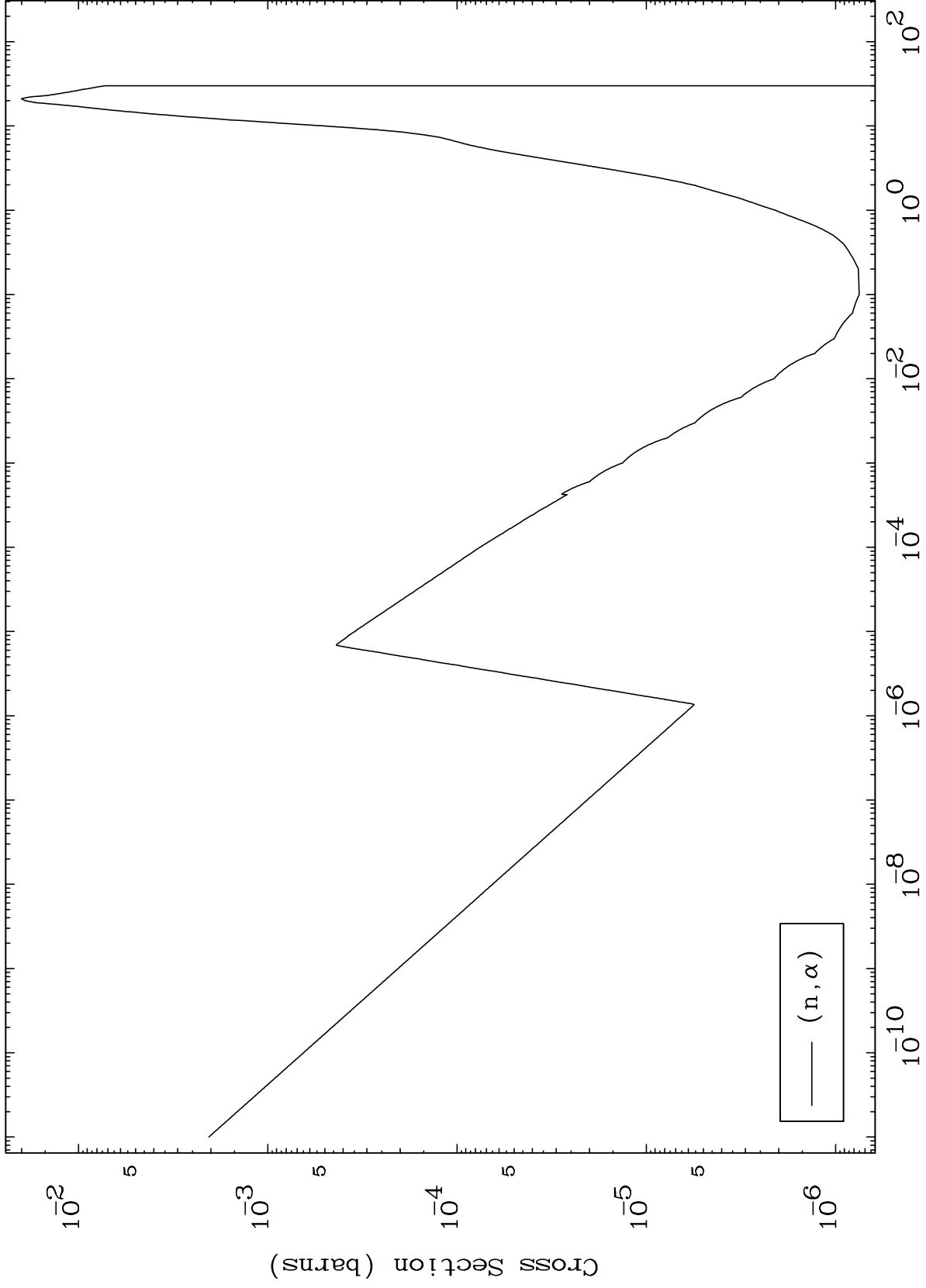
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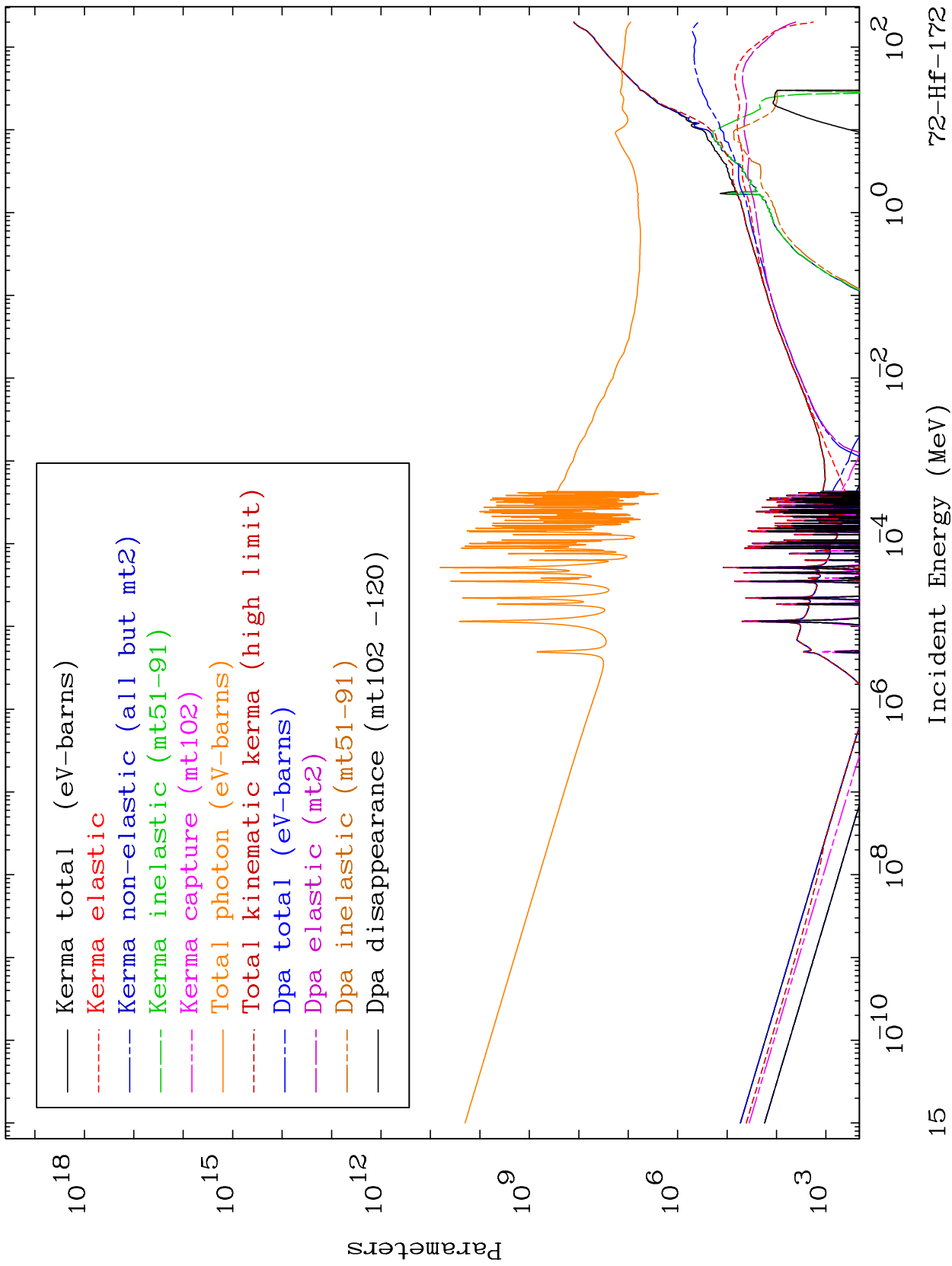


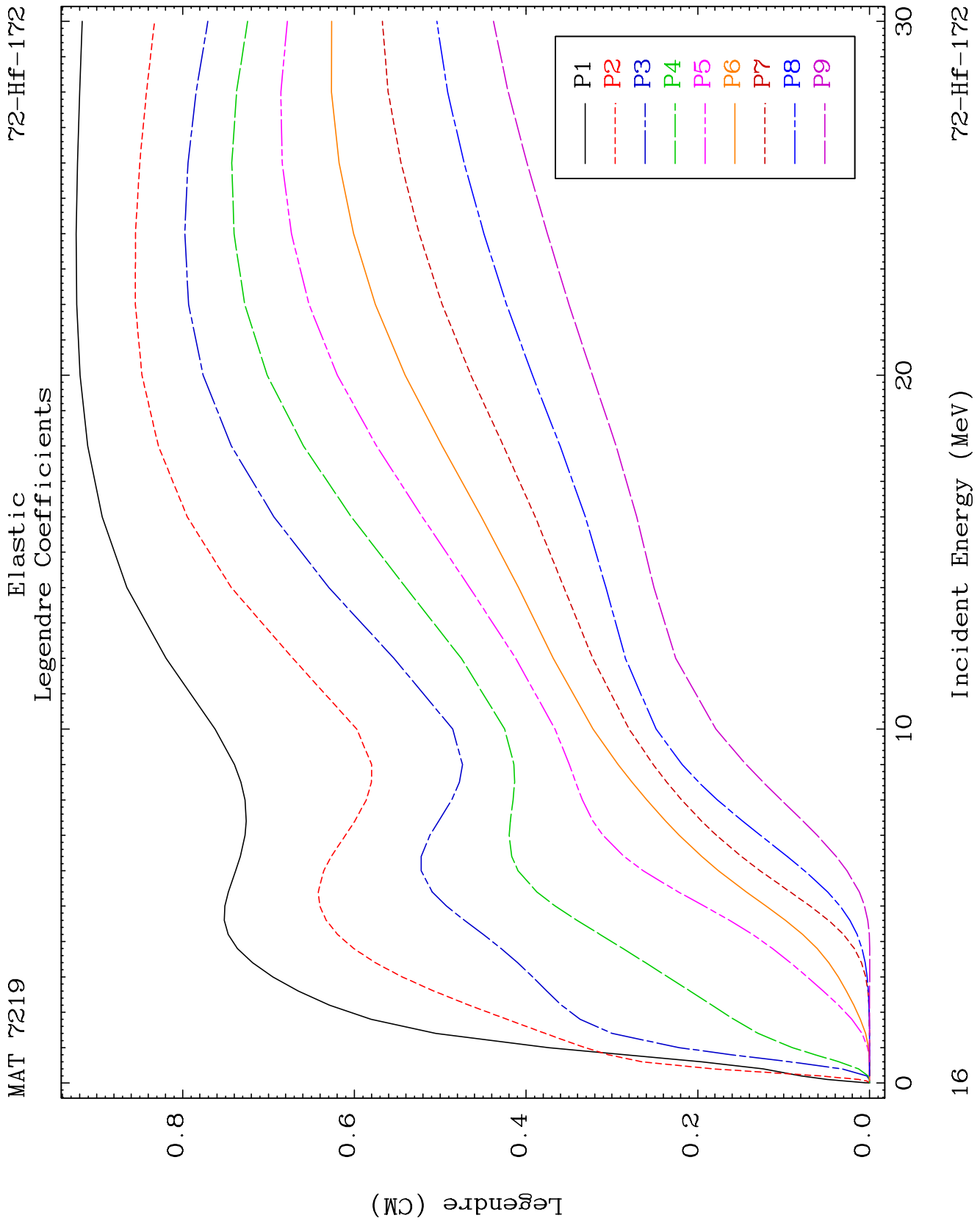
MAT 7219

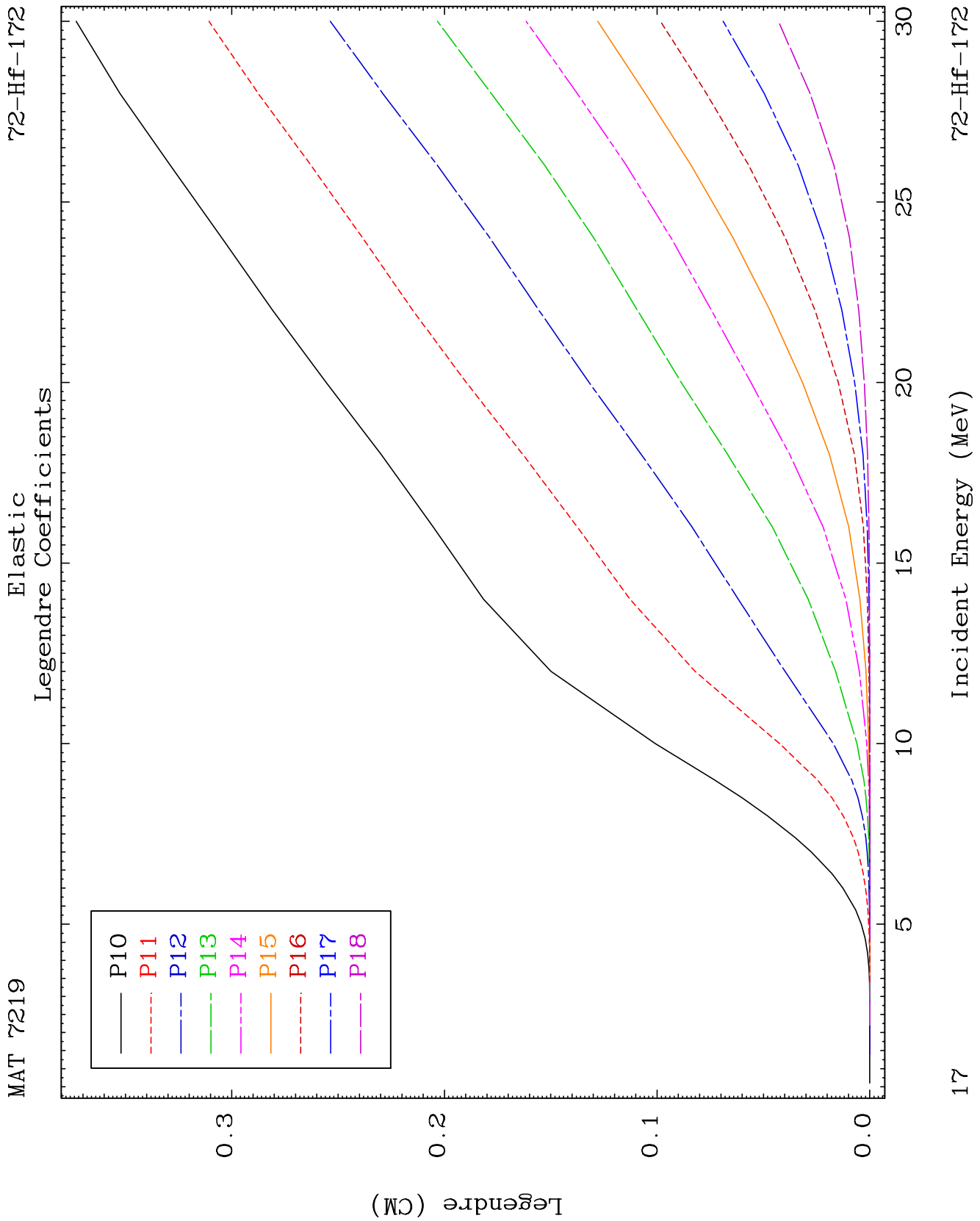
(n,α) Levels
293 Kelvin Cross Sections

72-Hf-172





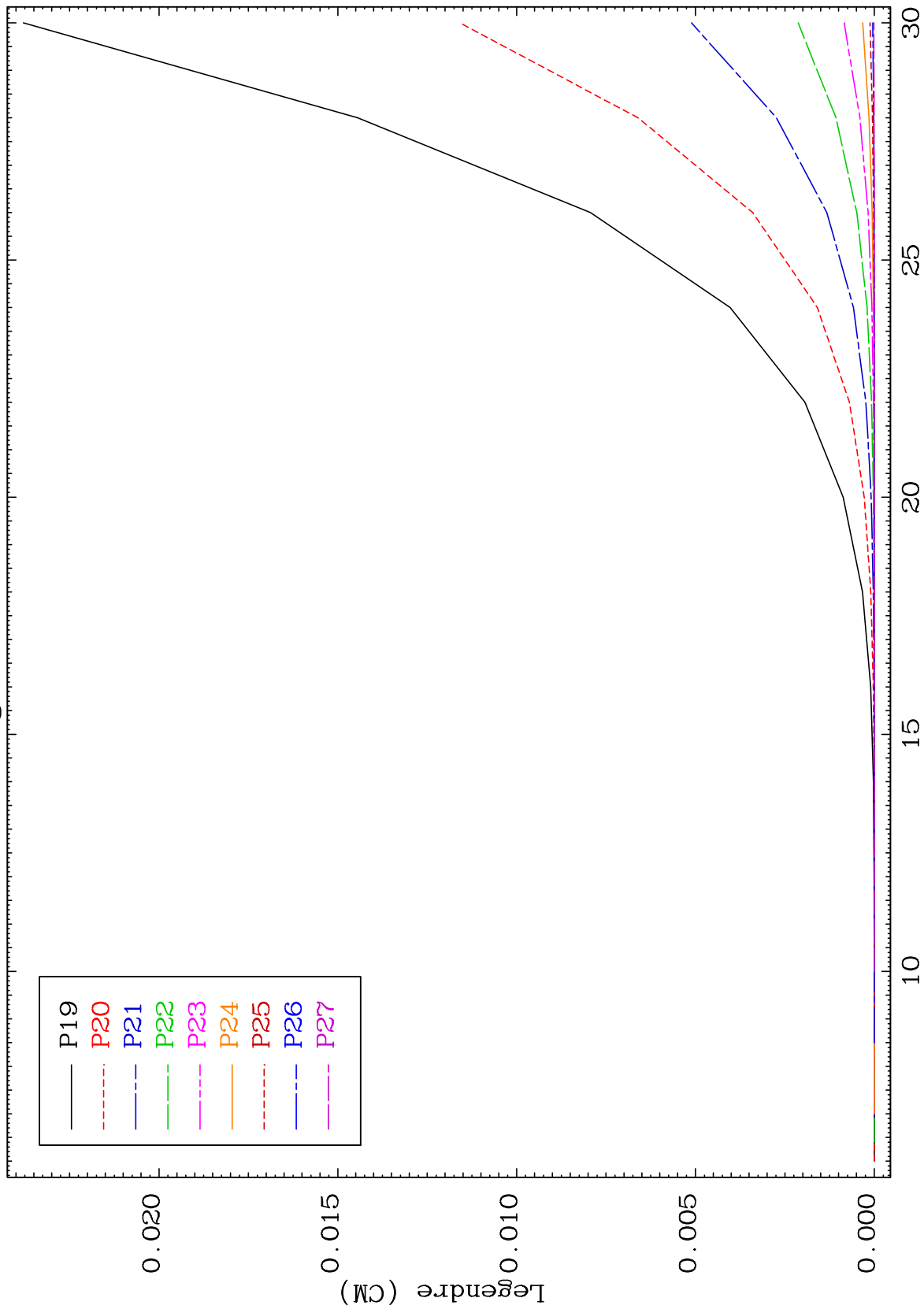




MAT 7219

Elastic
Legendre Coefficients

72-Hf-172



18

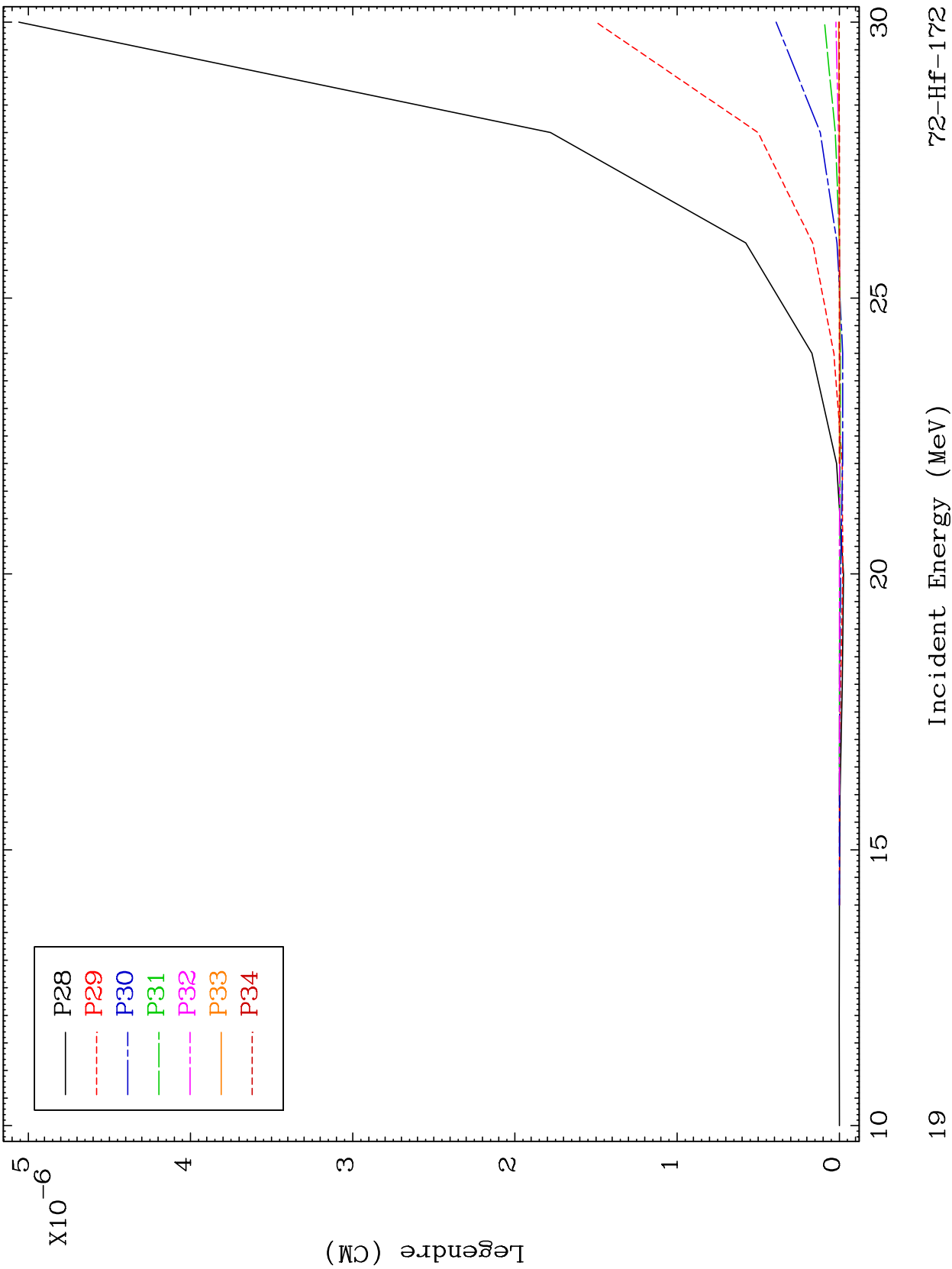
Incident Energy (MeV)

72-Hf-172

MAT 7219

Elastic Legendre Coefficients

72-Hf-172



19

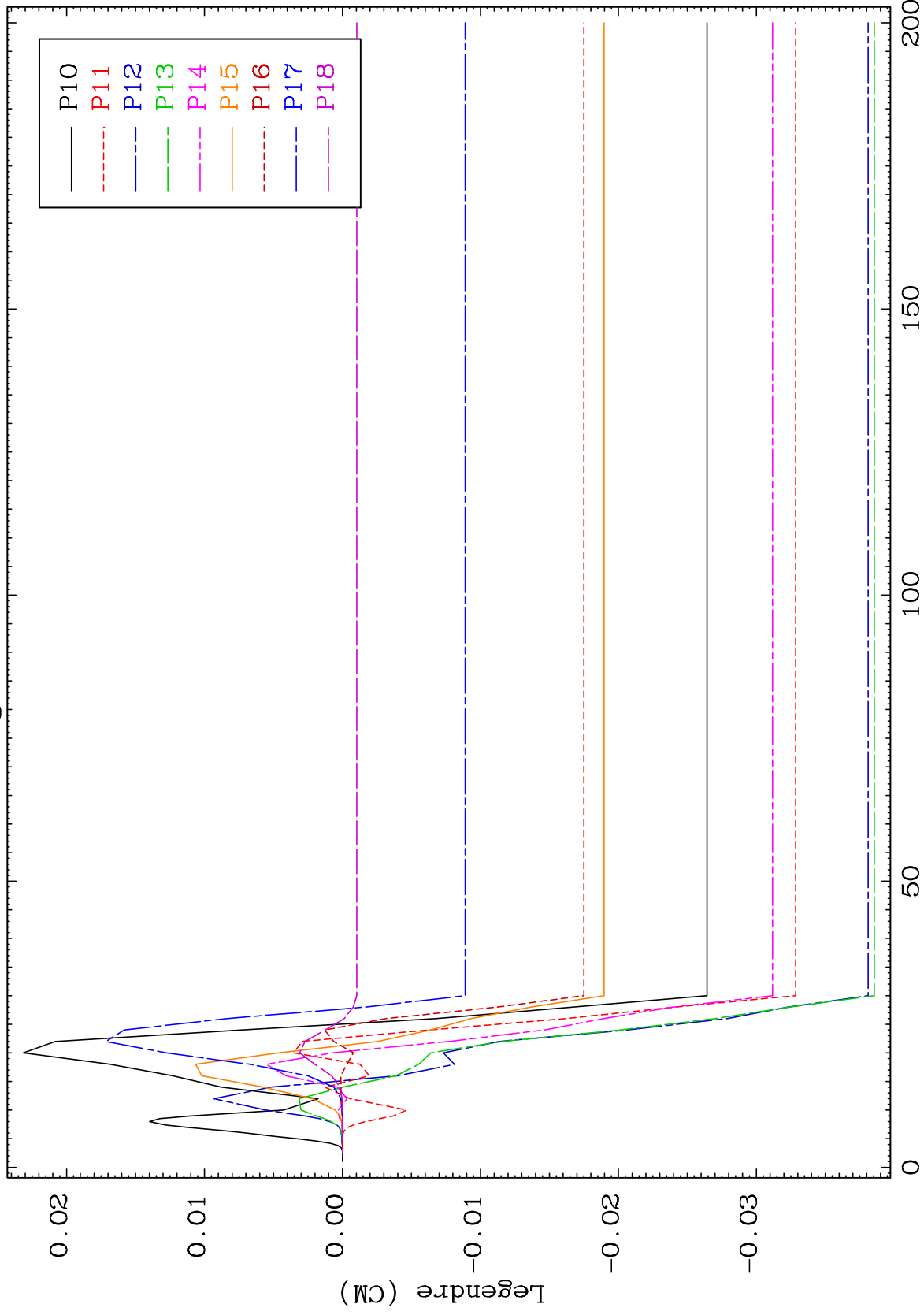
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

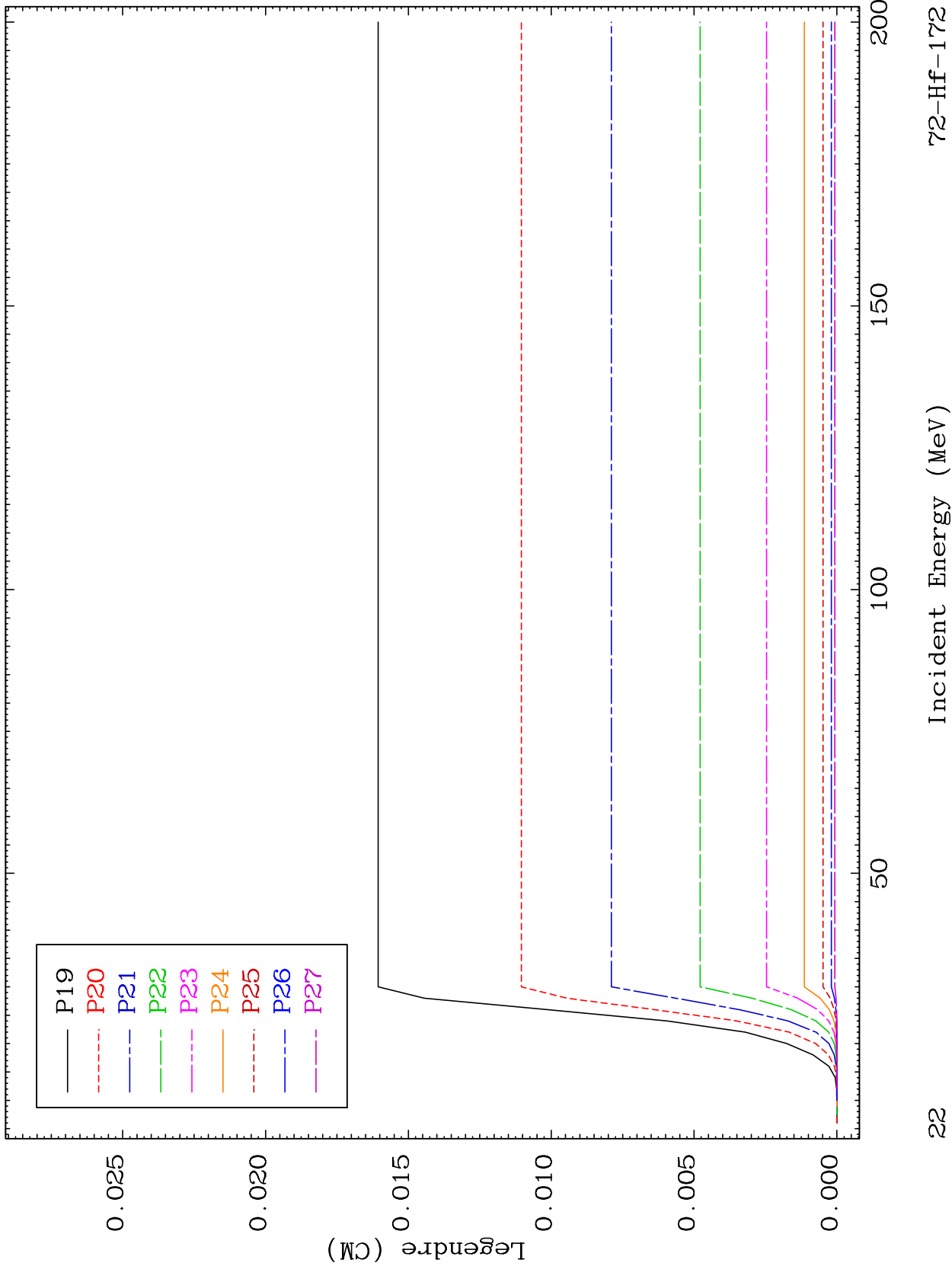
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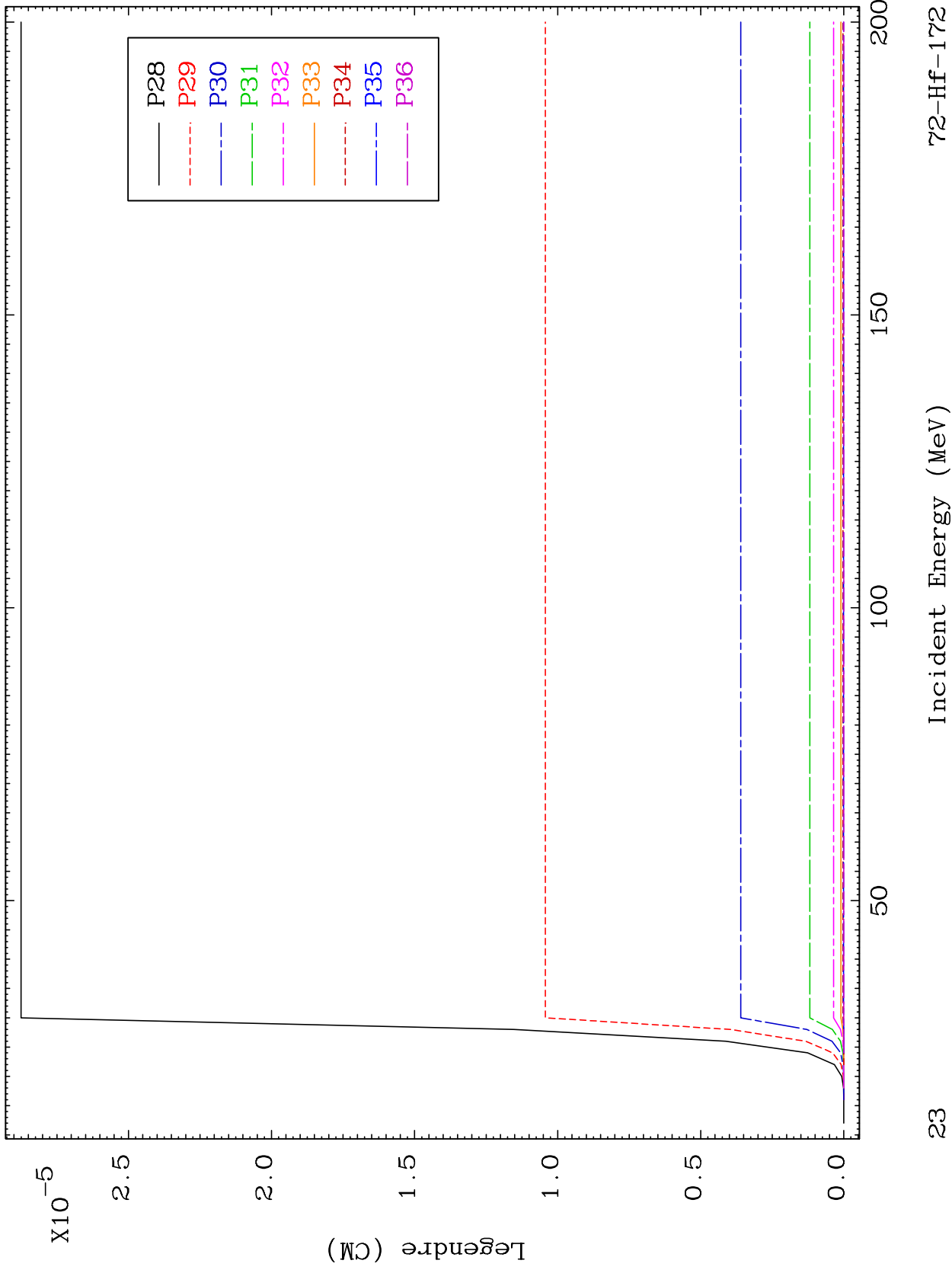


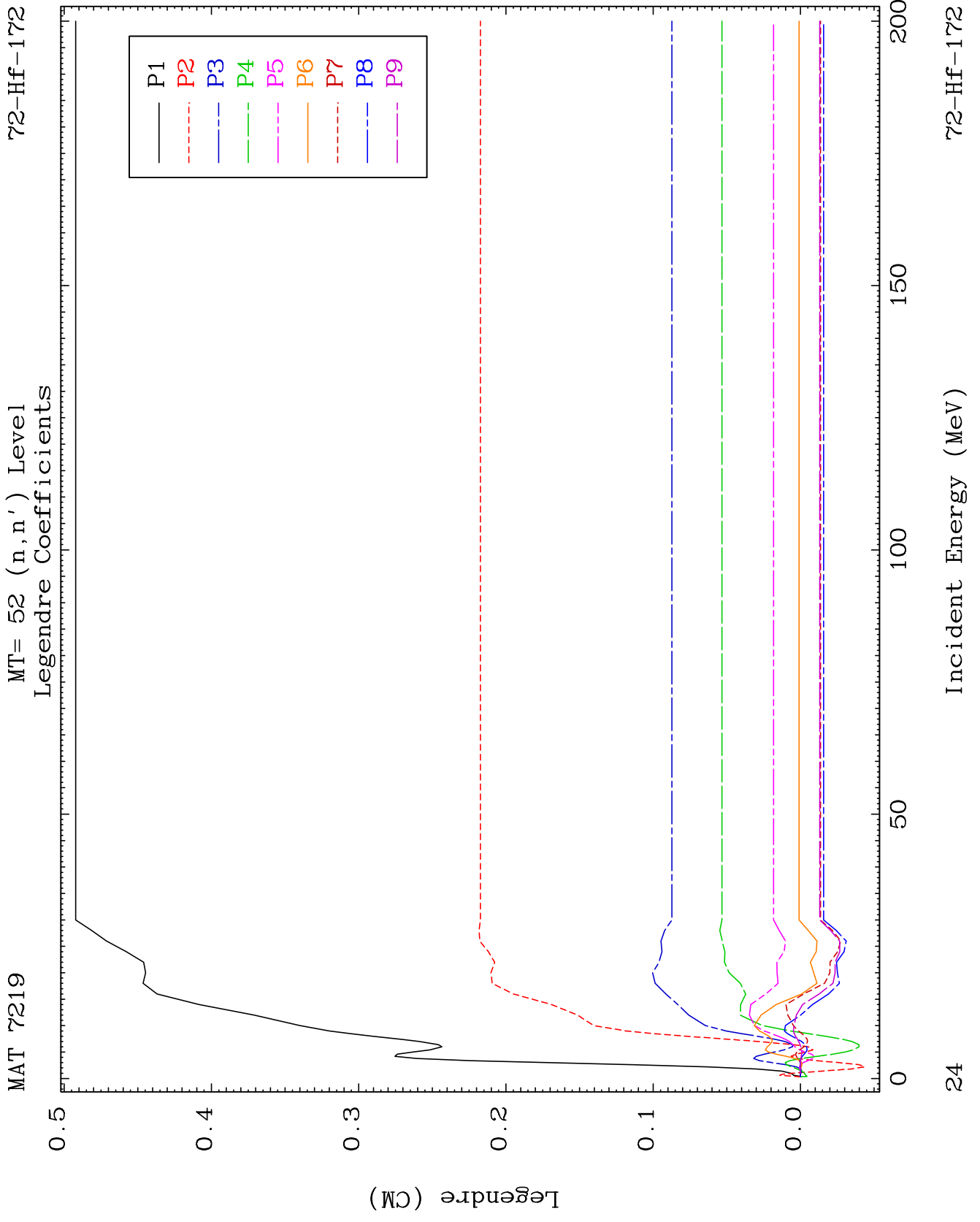
MAT 7219

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

72-Hf-172



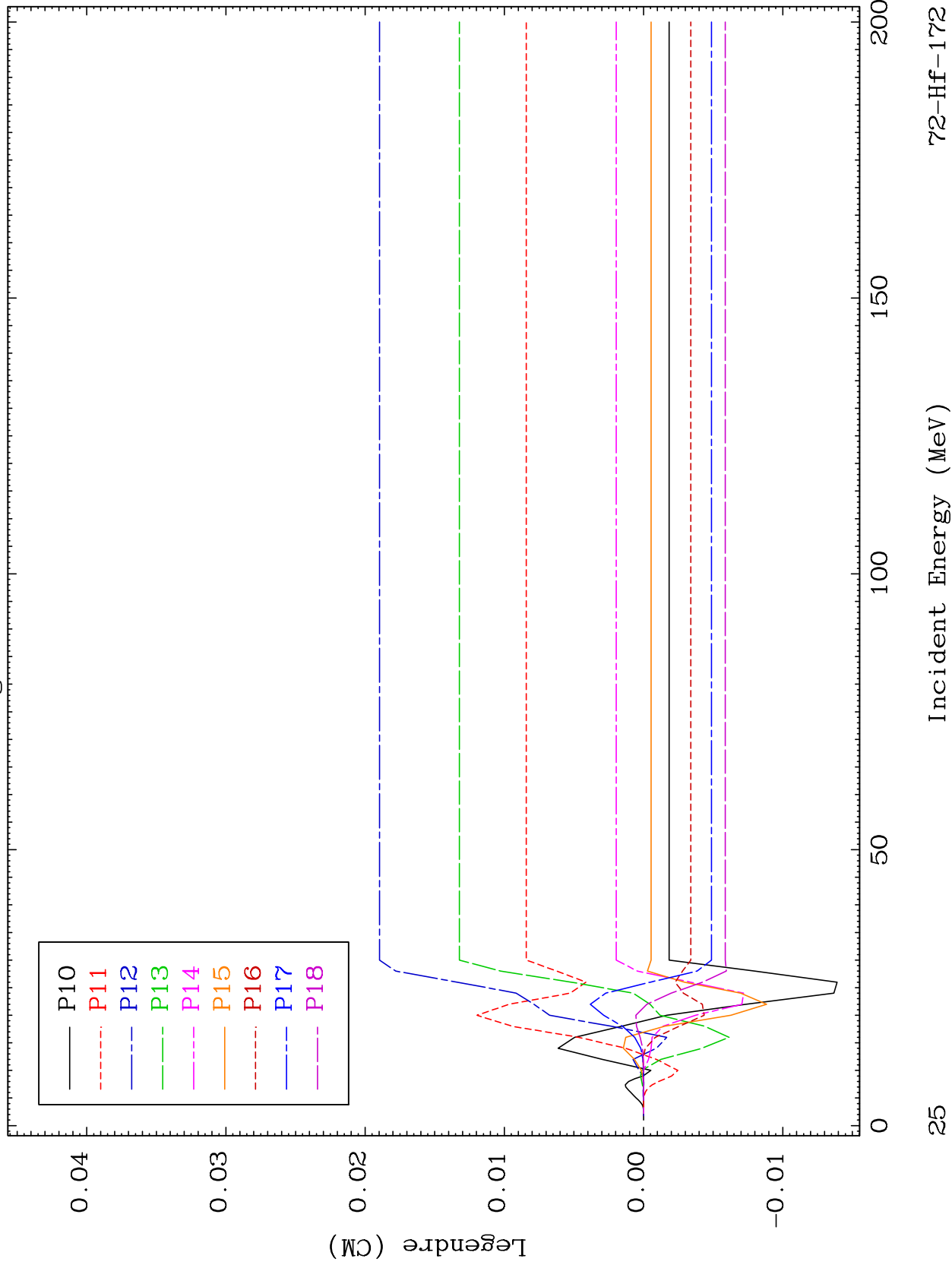




MAT 7219

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

72-Hf-172



72-Hf-172

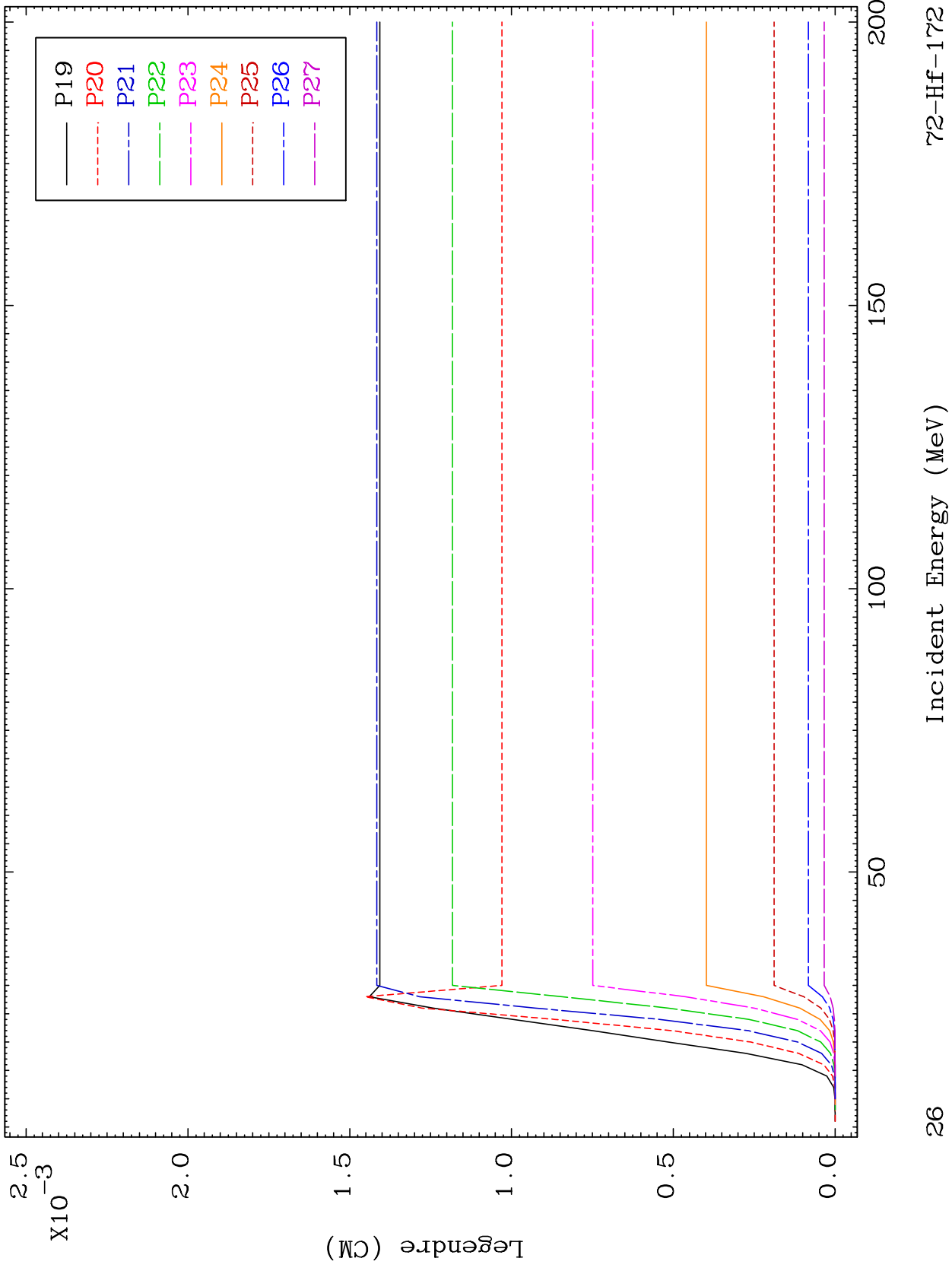
Incident Energy (MeV)

25

MAT 7219

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

72-Hf-172

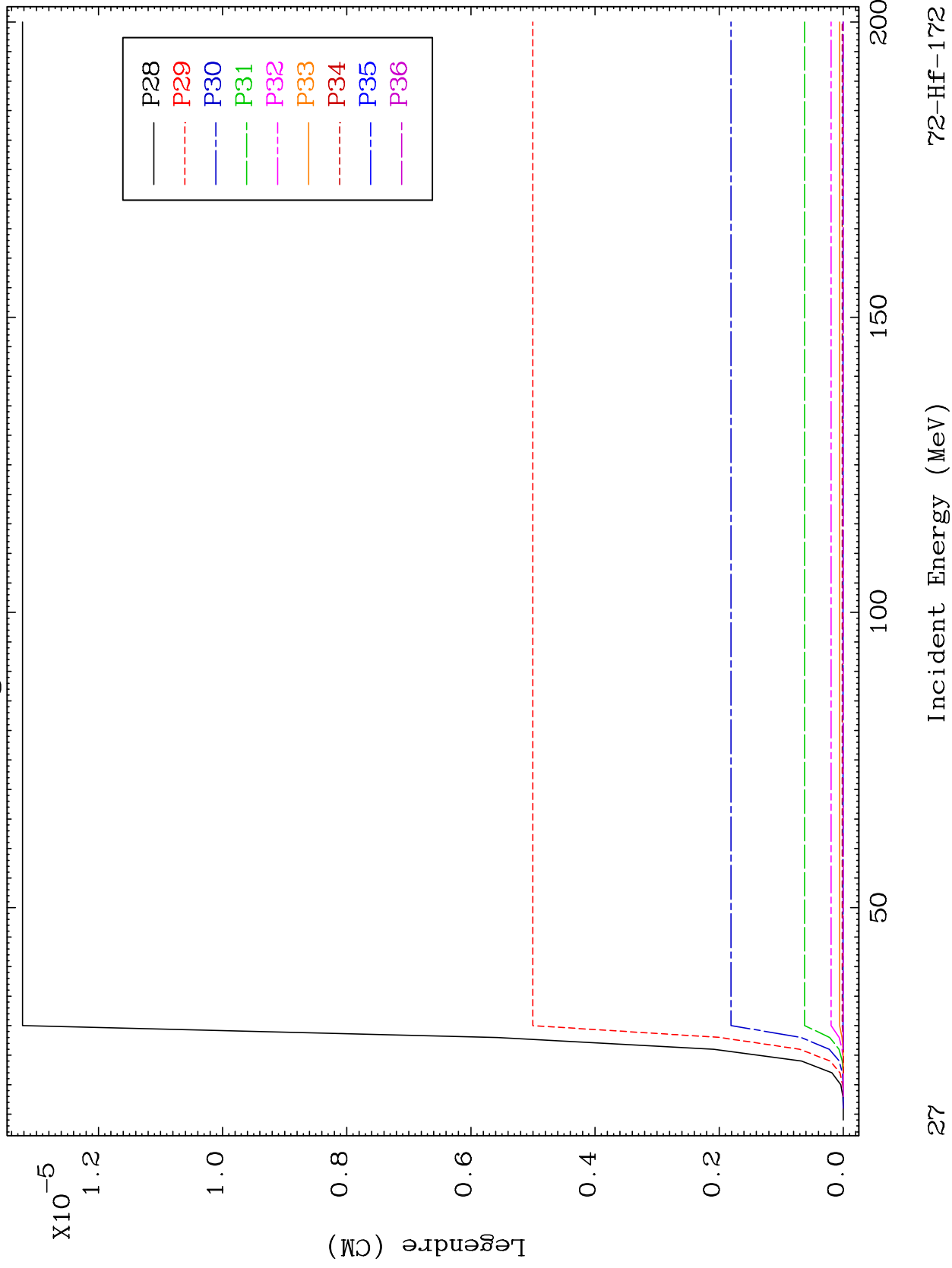


26

MAT 7219

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

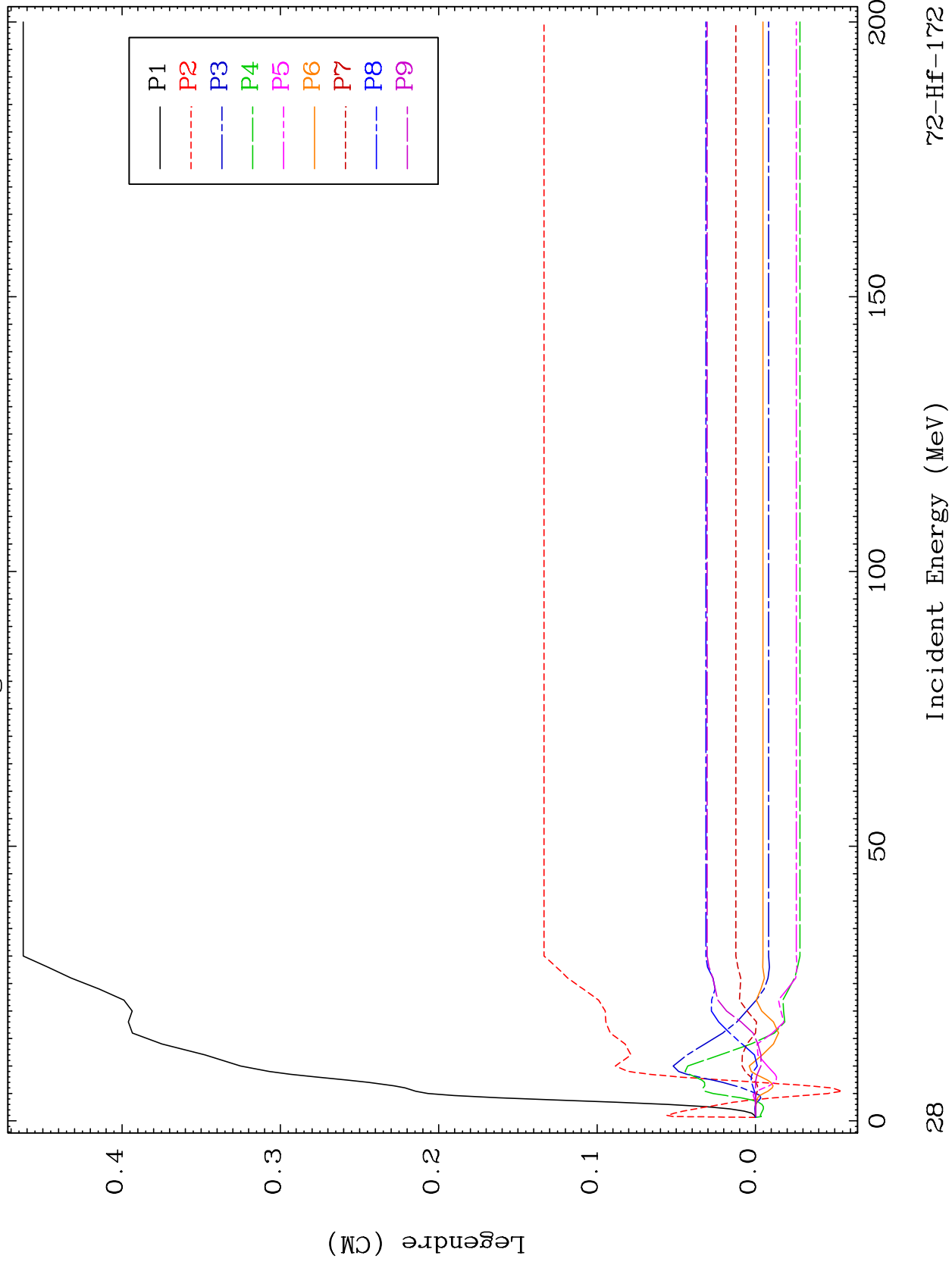
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

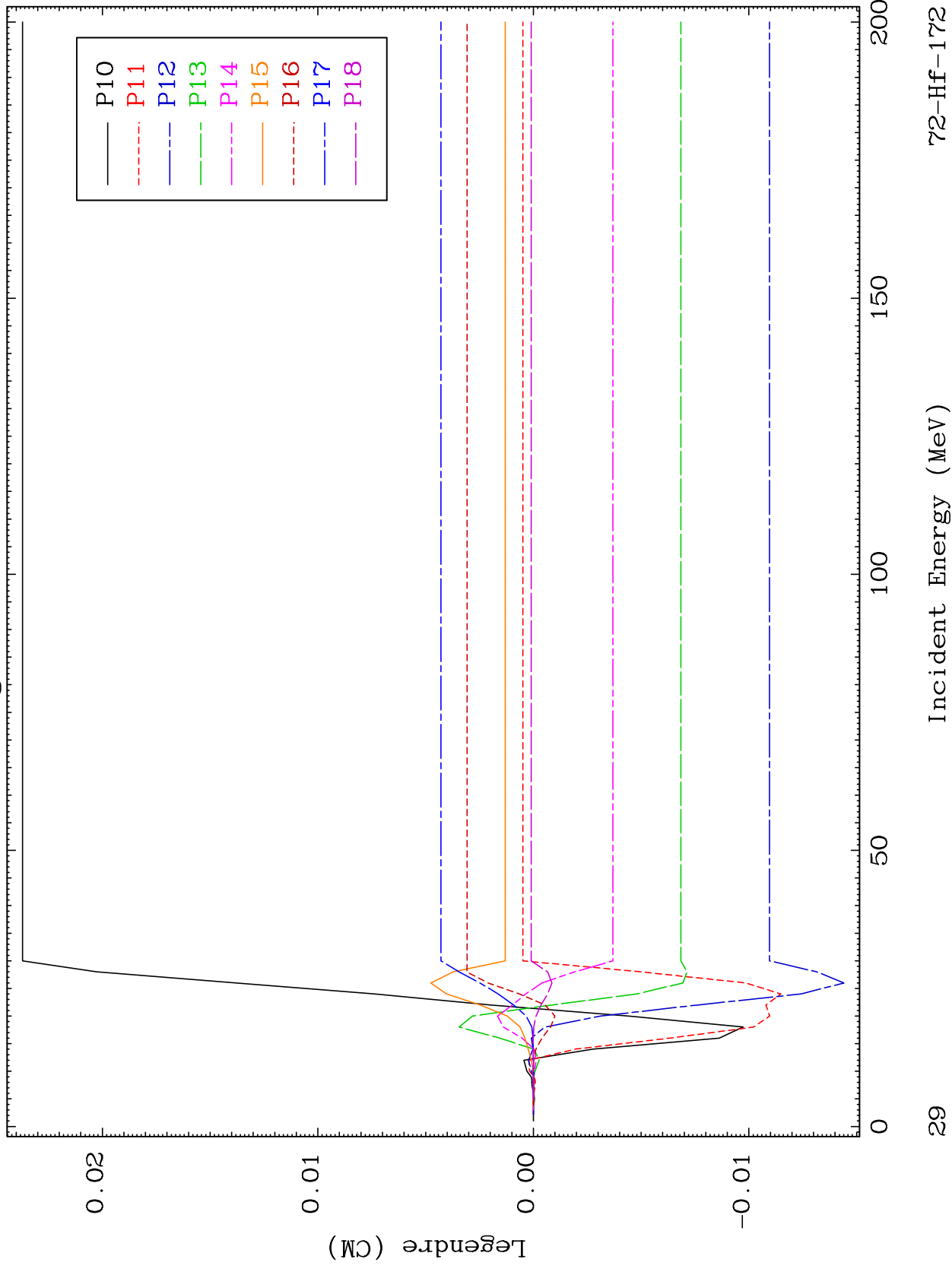
Incident Energy (MeV)

28

MAT 7219

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

72-Hf-172



72-Hf-172

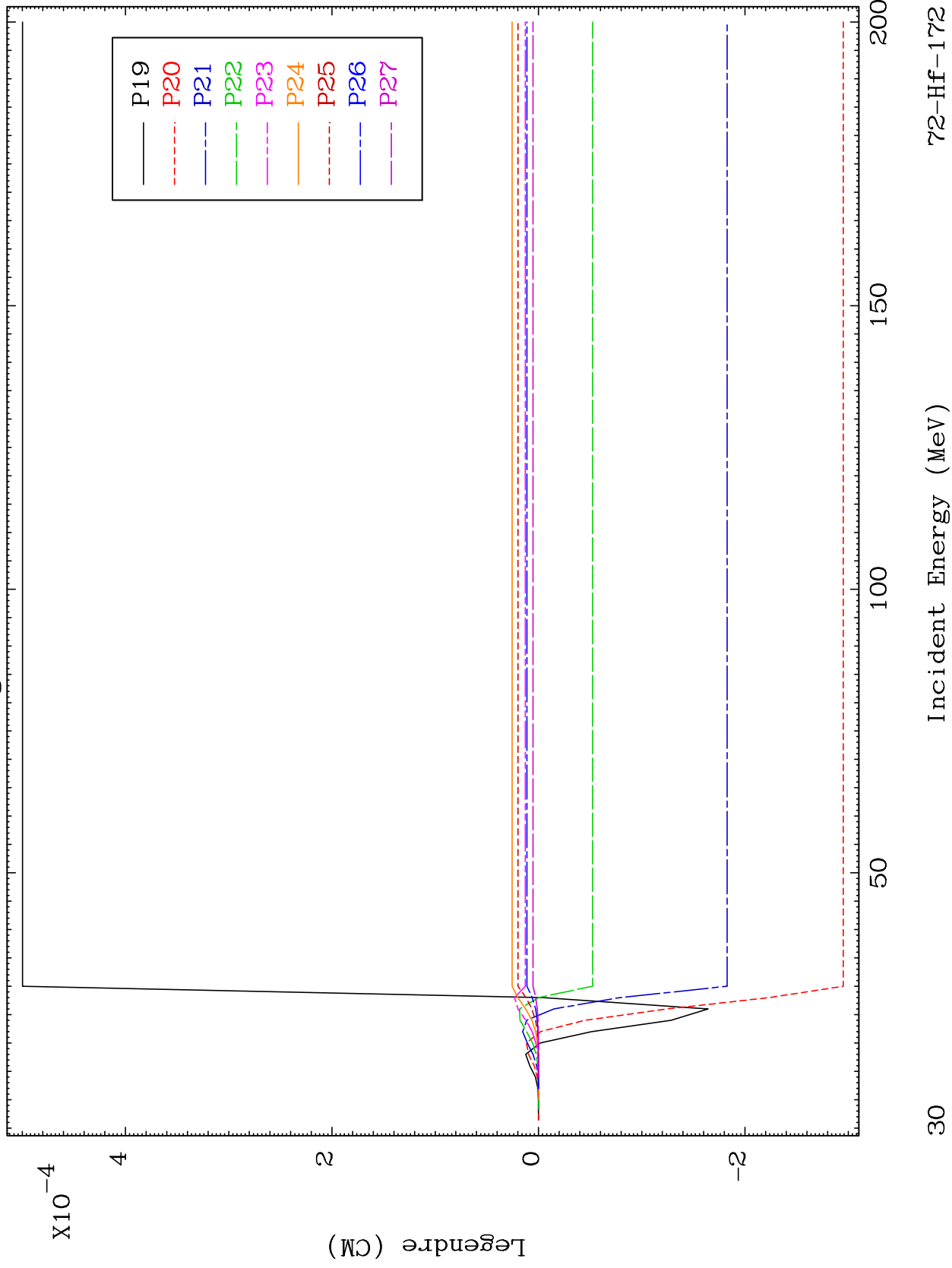
Incident Energy (MeV)

29

MAT 7219

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

72-Hf-172



72-Hf-172

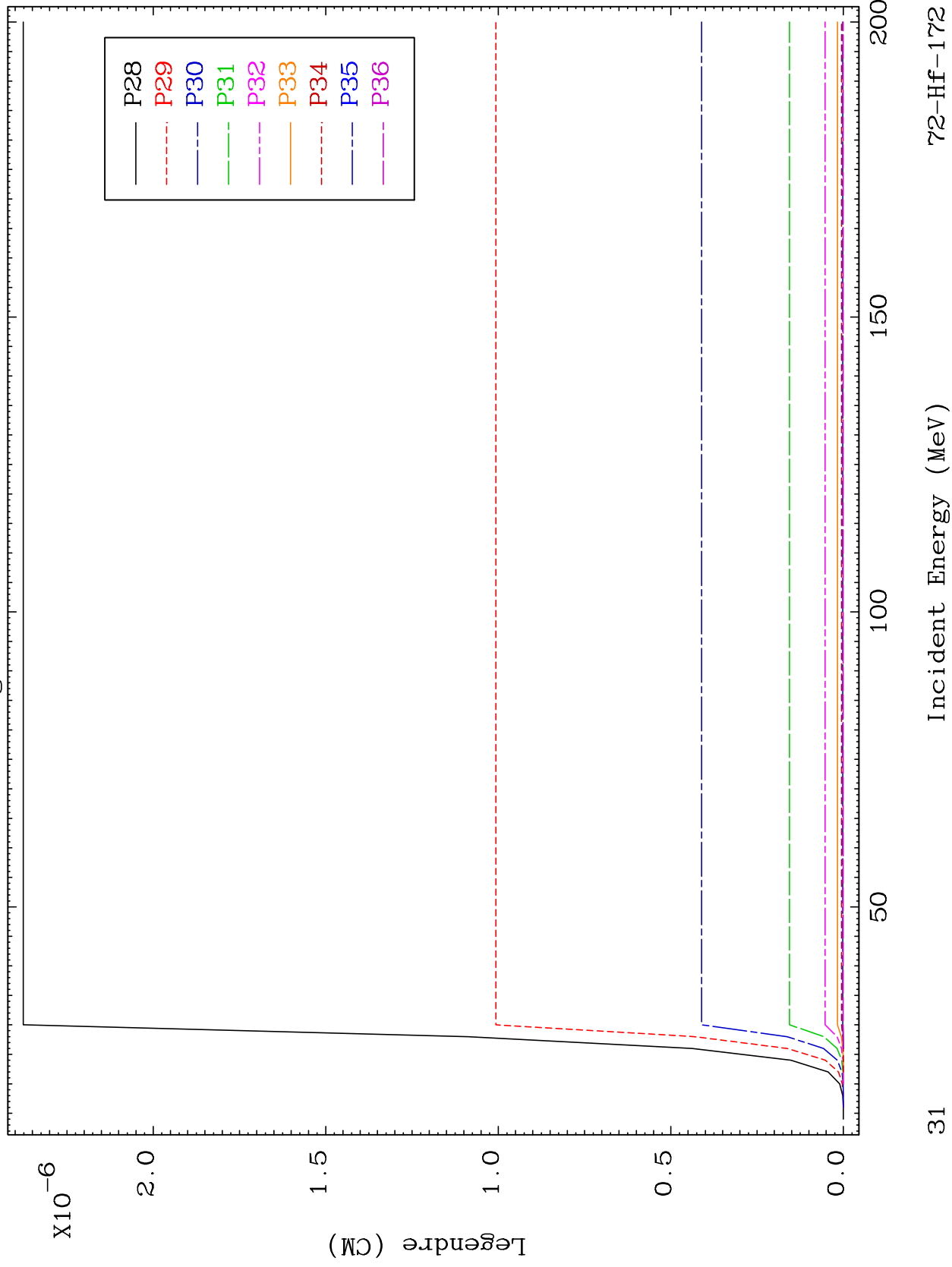
Incident Energy (MeV)

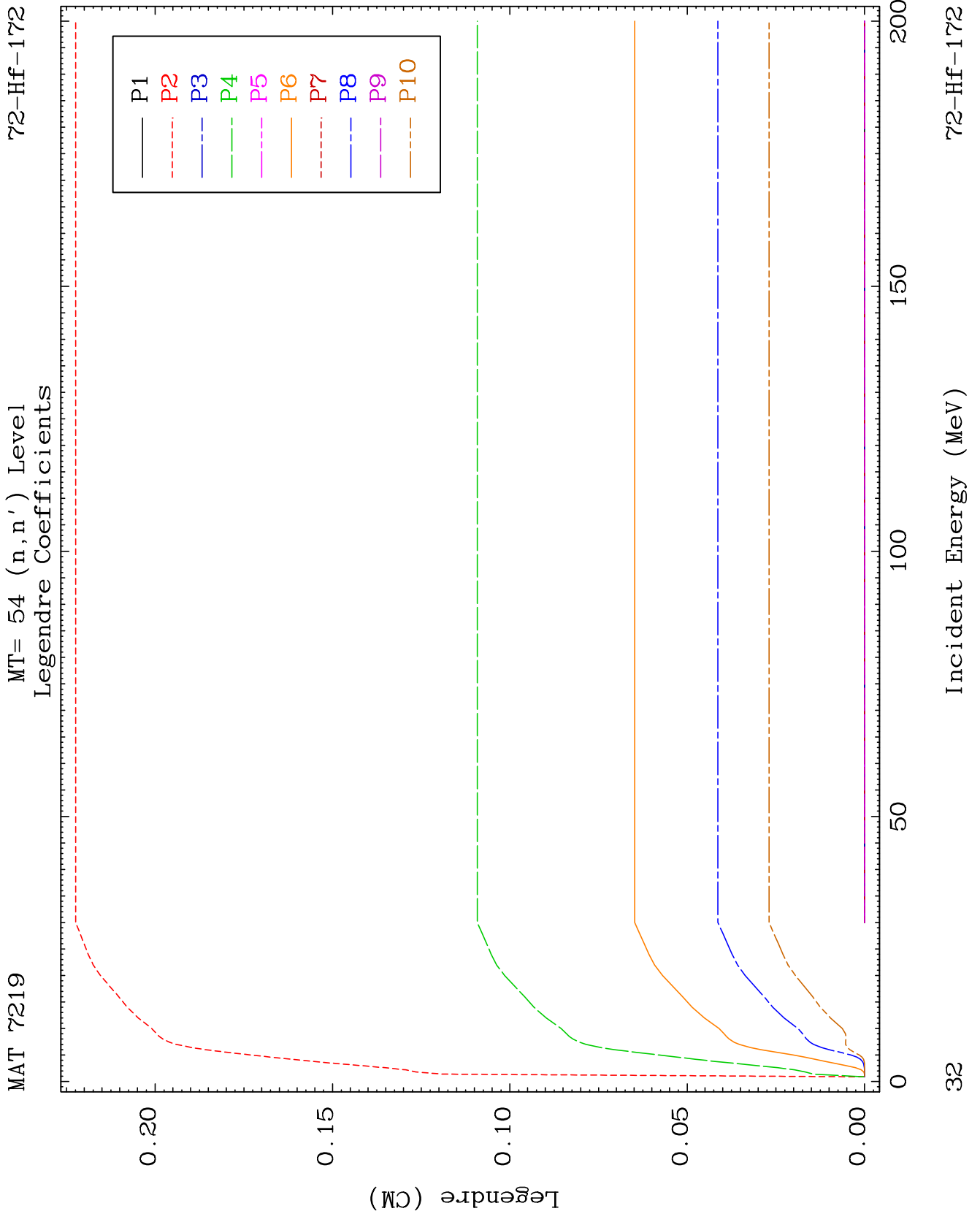
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MAT 7219

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

72-Hf-172

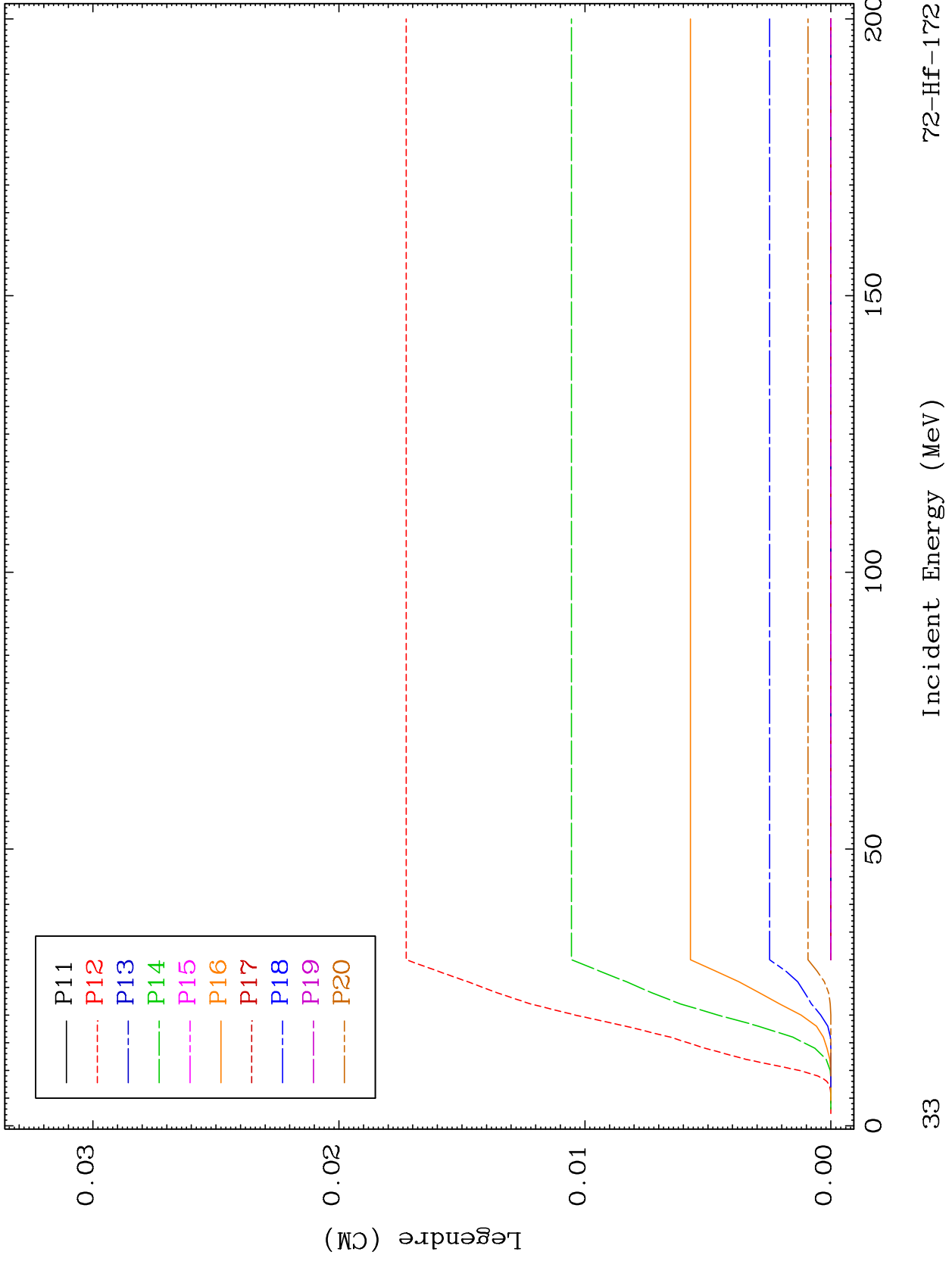


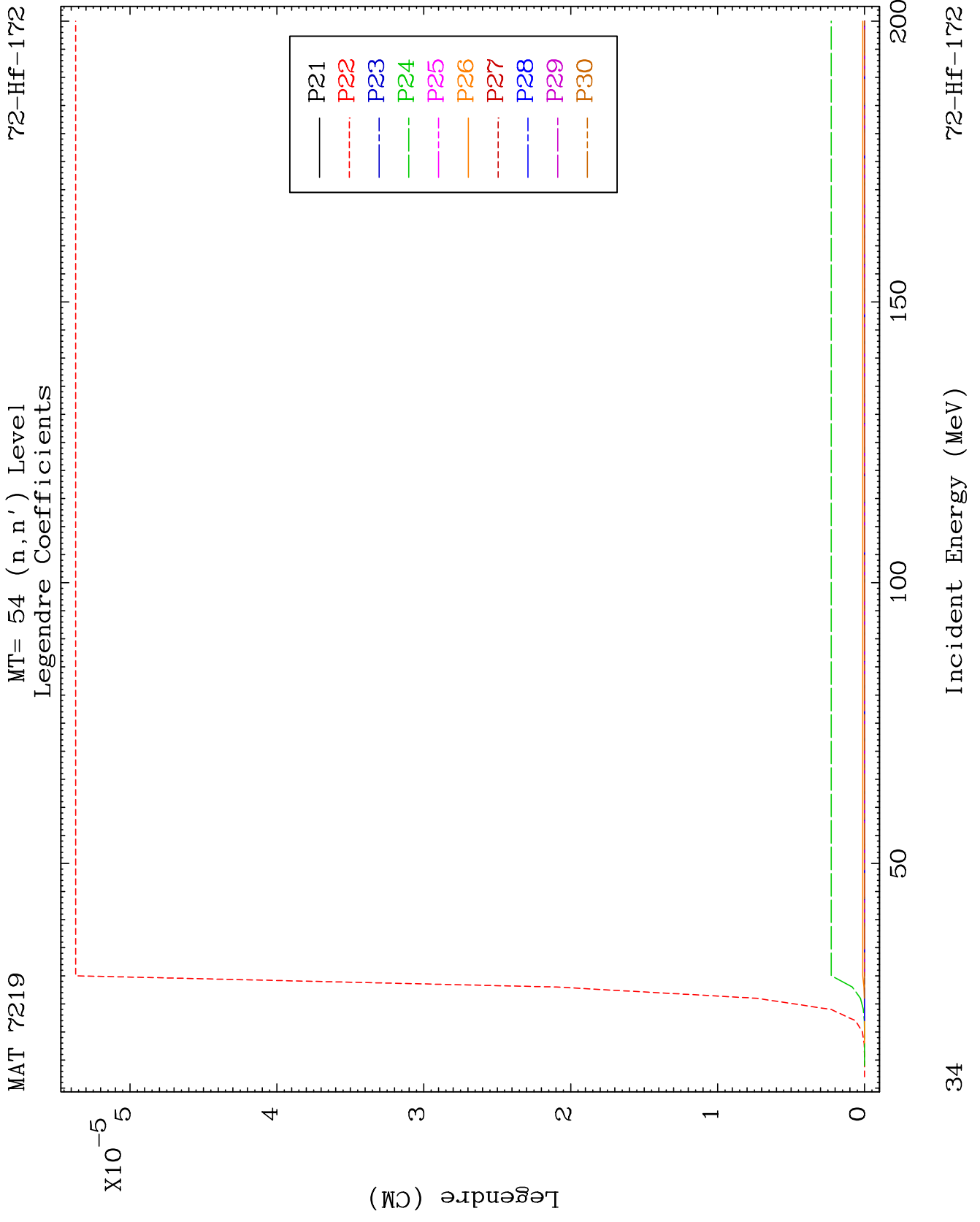


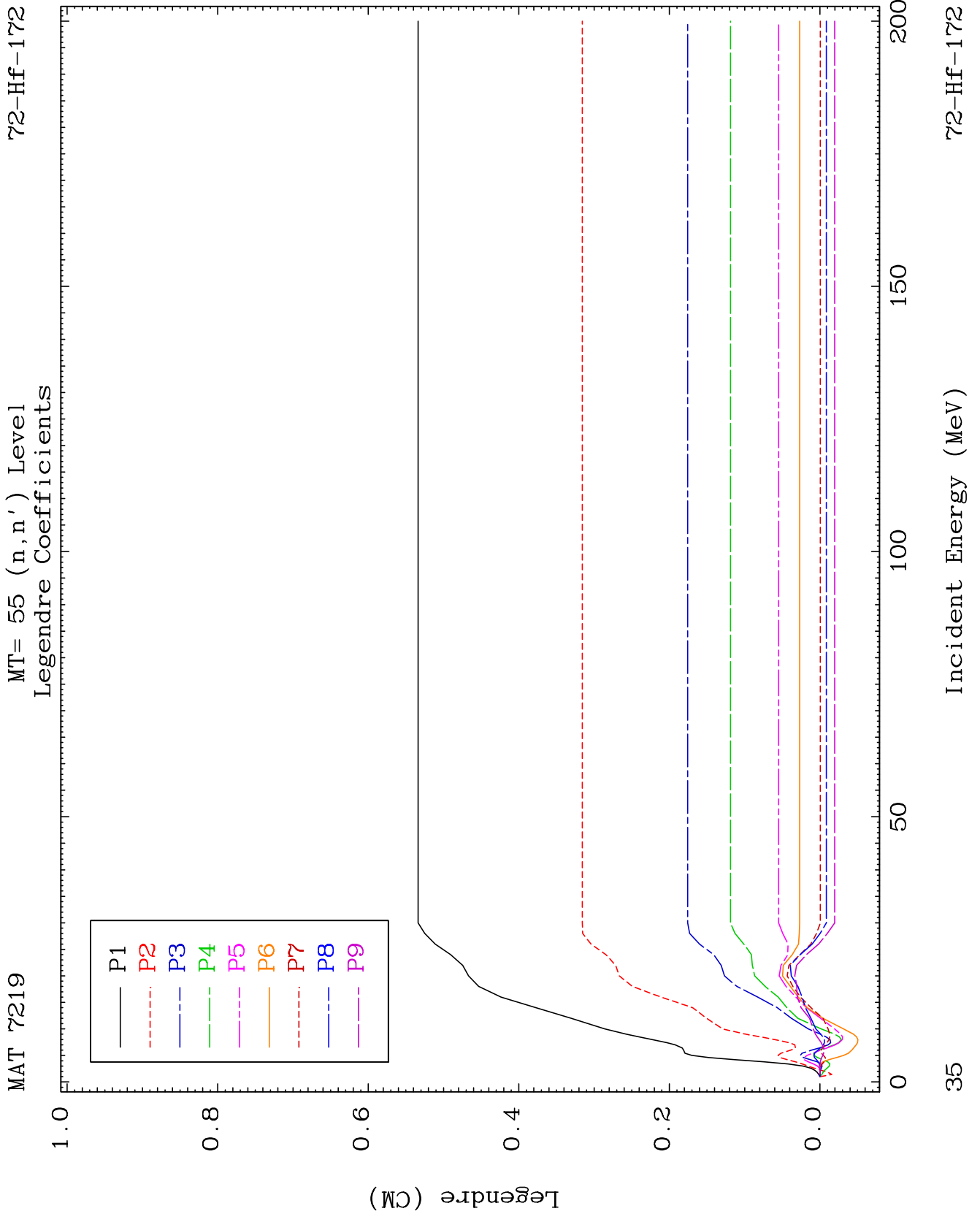
MAT 7219

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

72-Hf-172



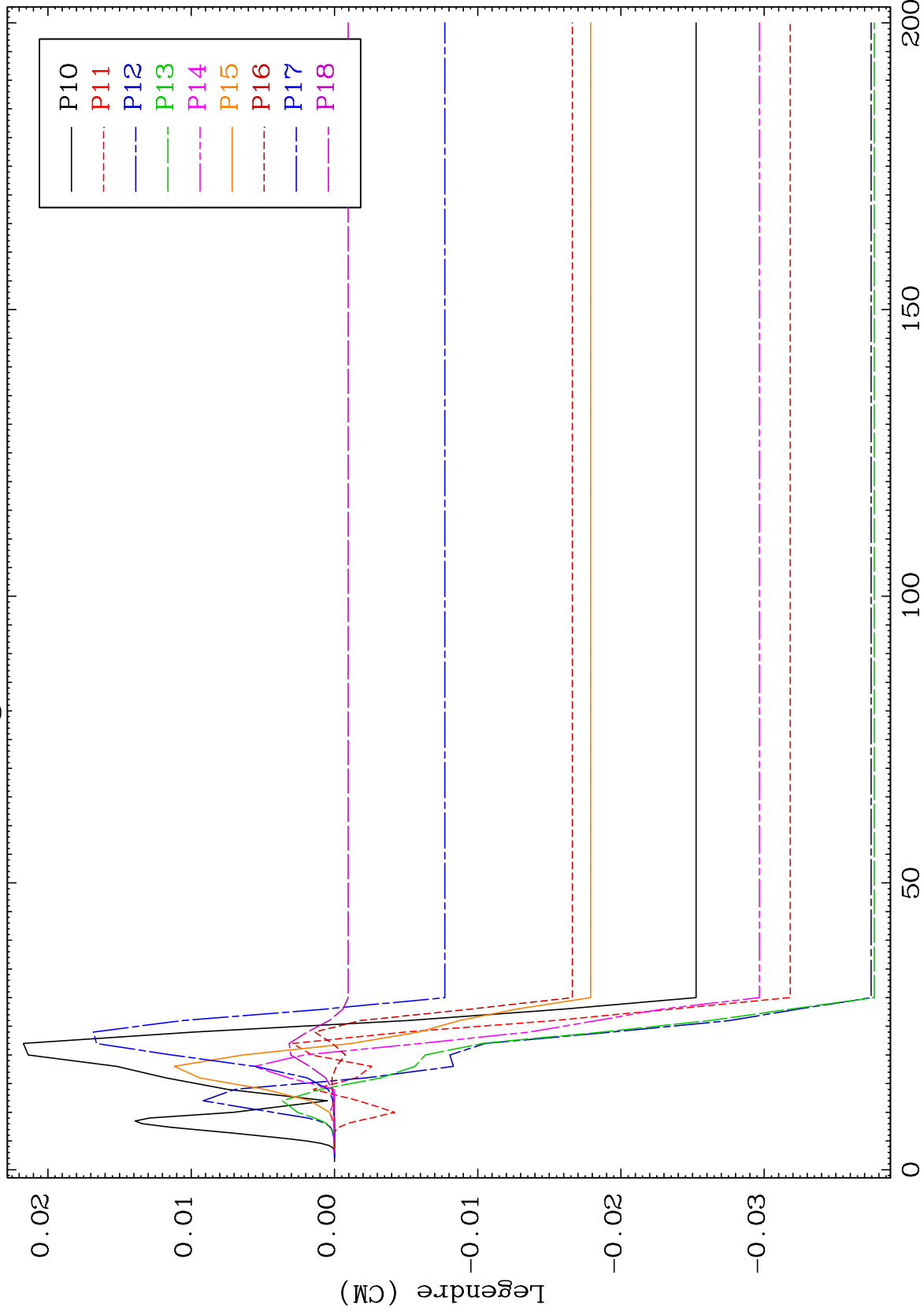




MAT 7219

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

72-Hf-172



36

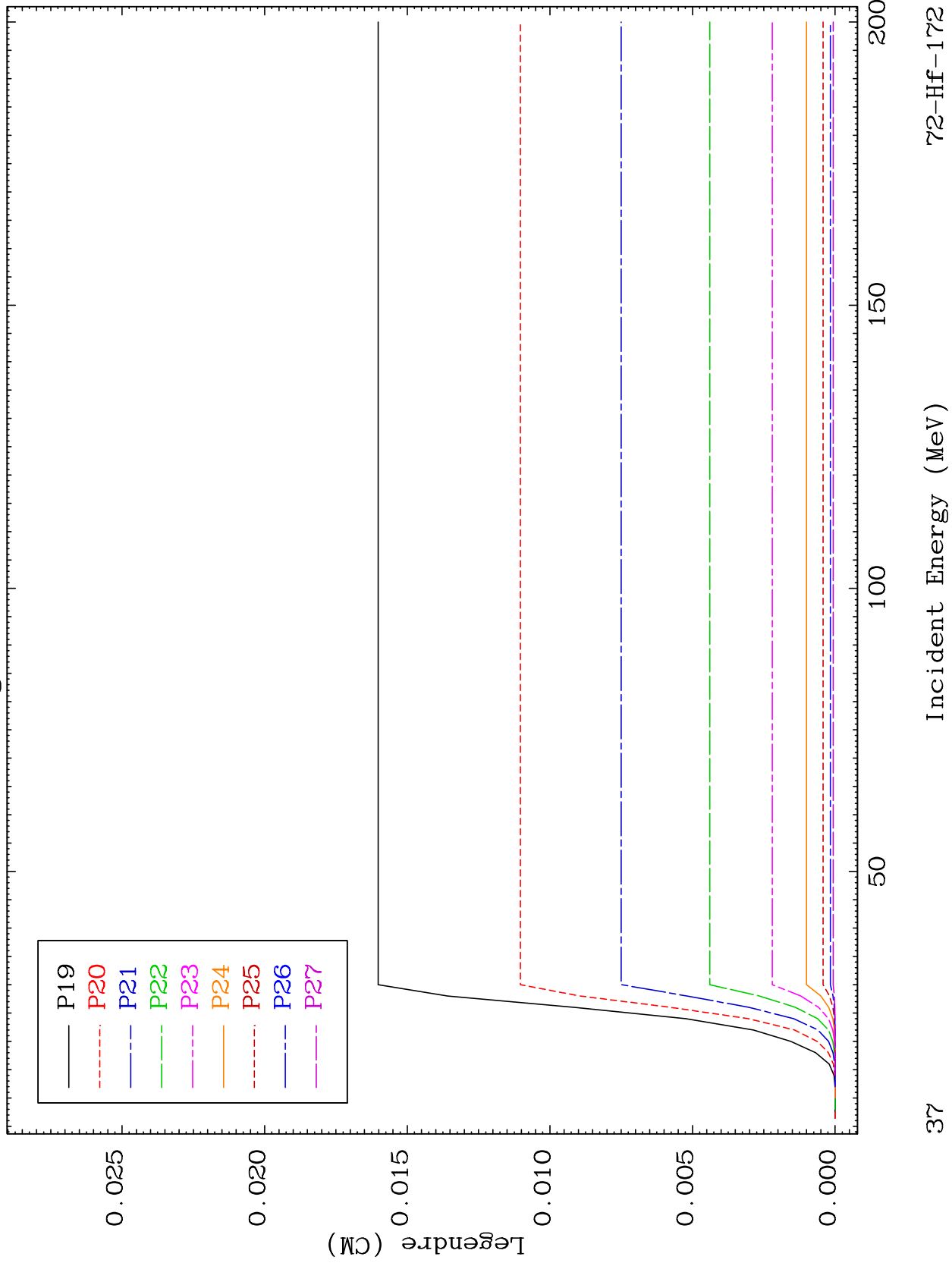
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



37

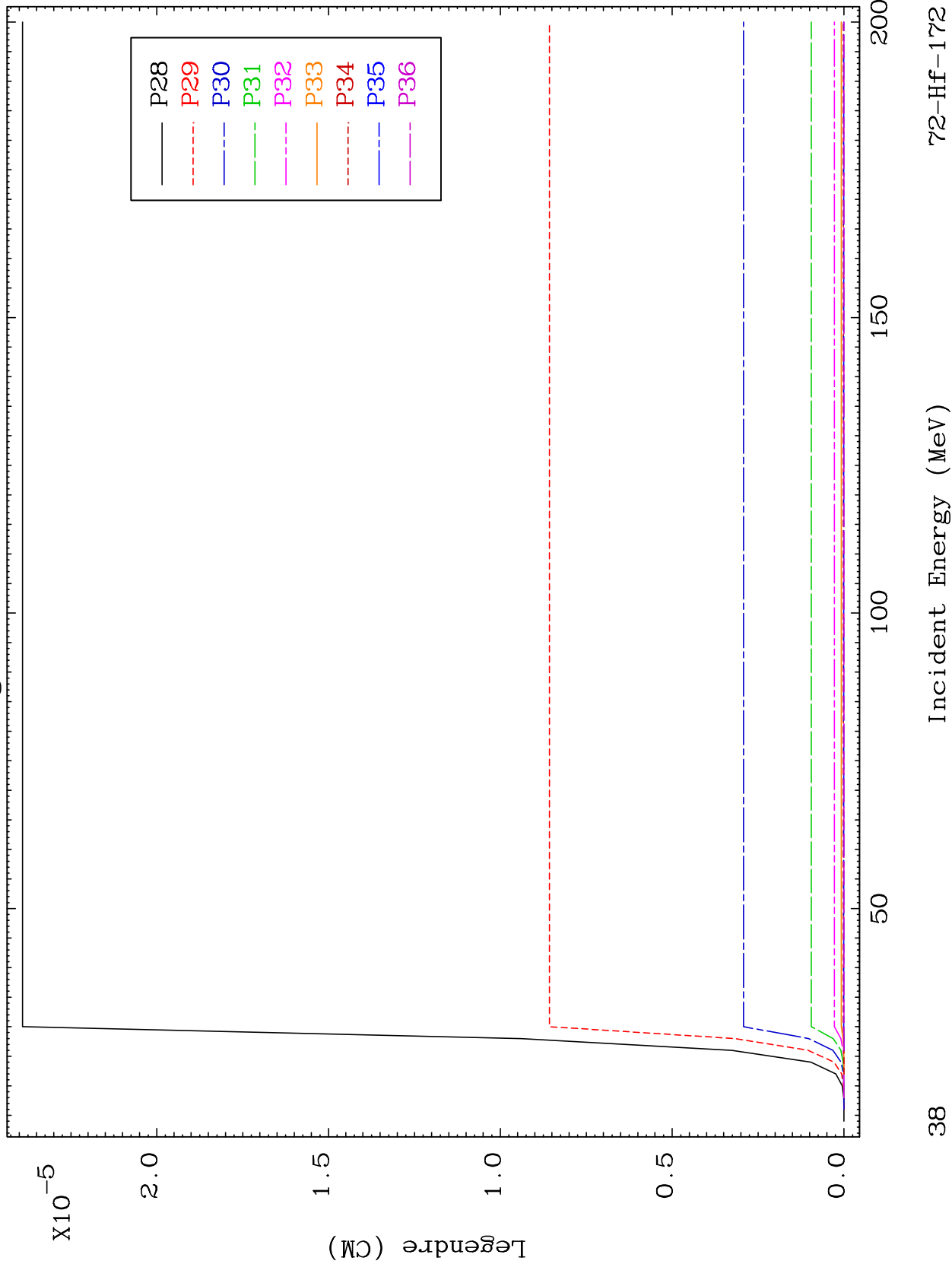
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

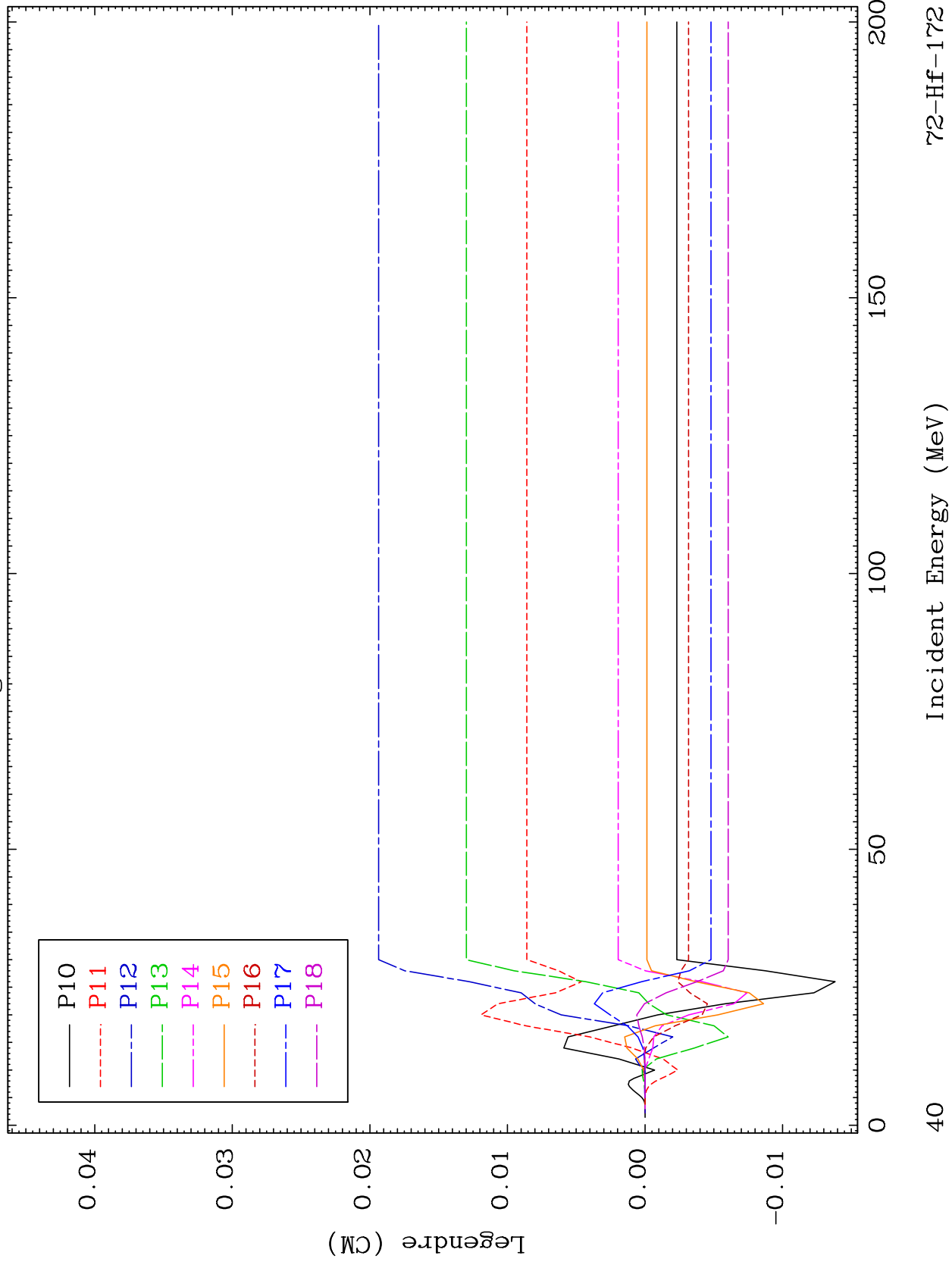
72-Hf-172



MAT 7219

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

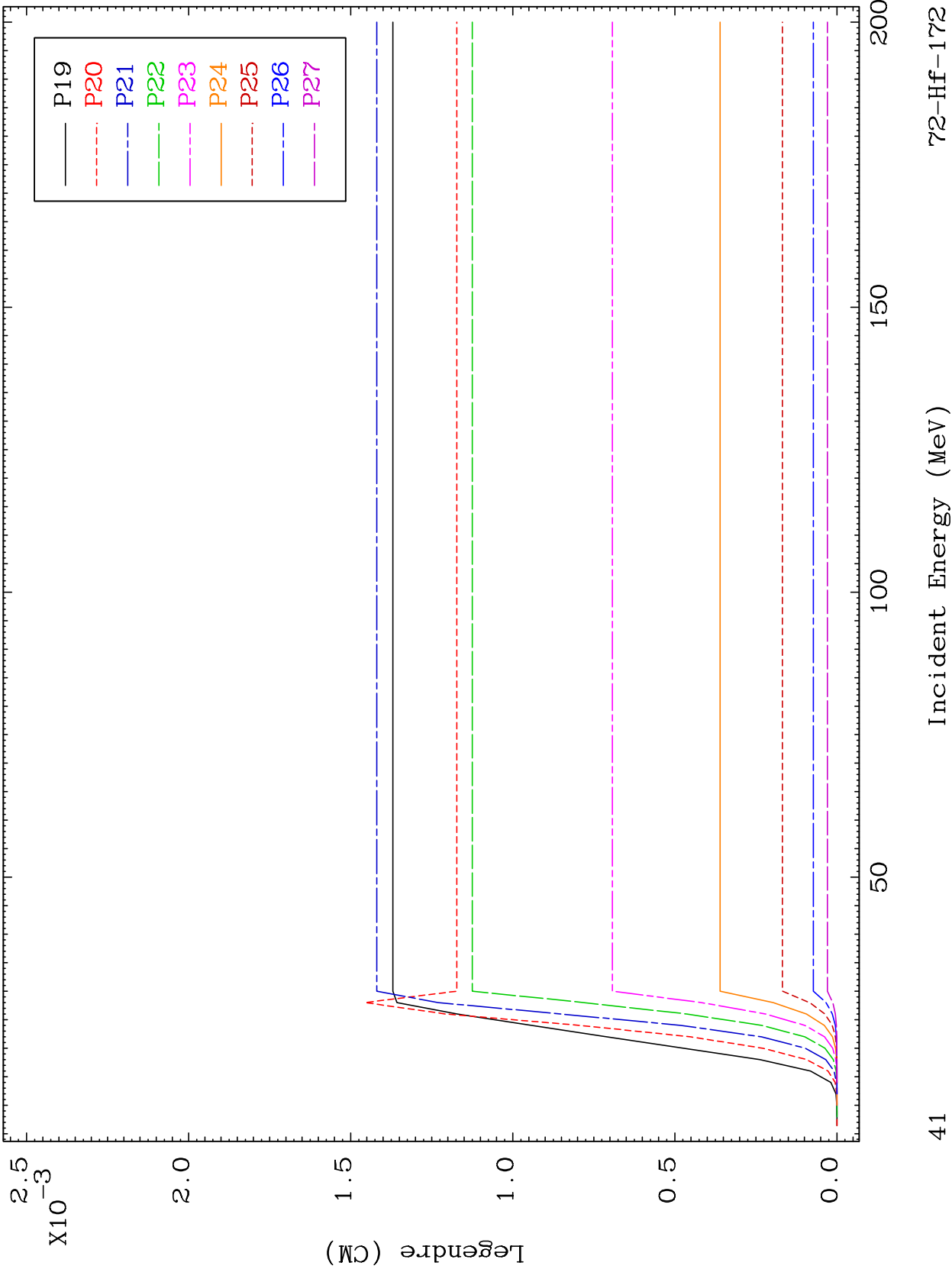
72-Hf-172



MAT 7219

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

72-Hf-172



41

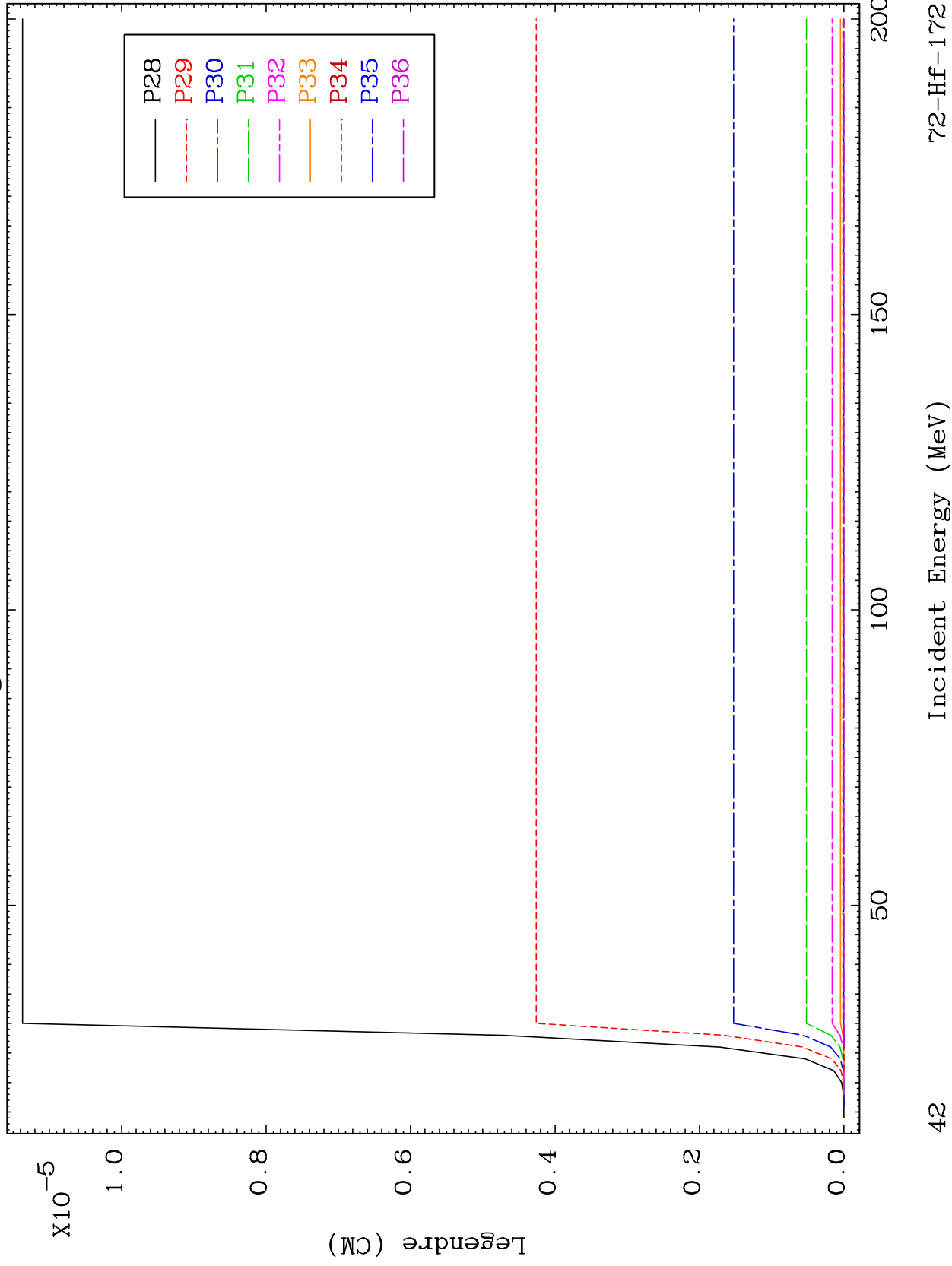
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



42

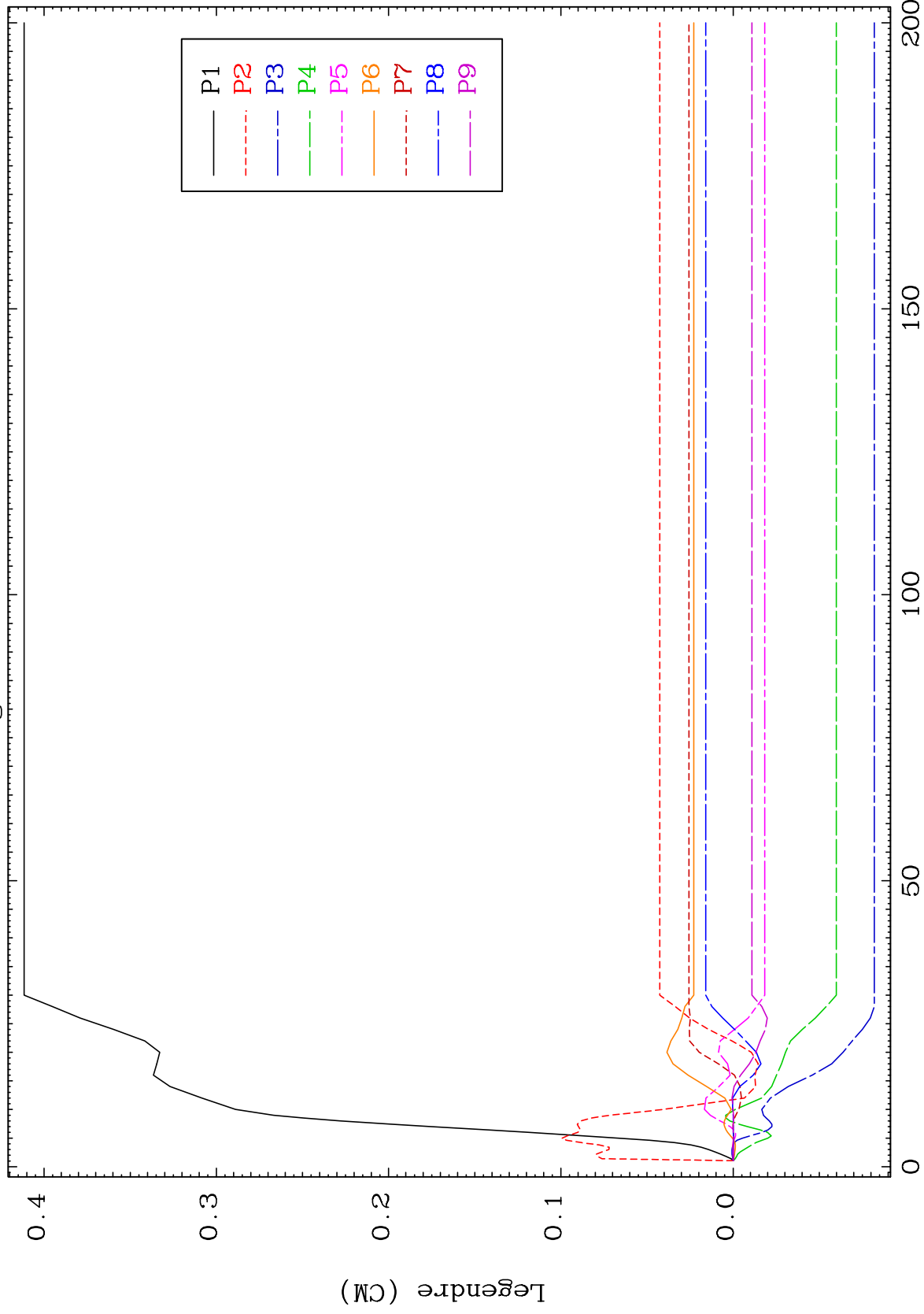
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



43

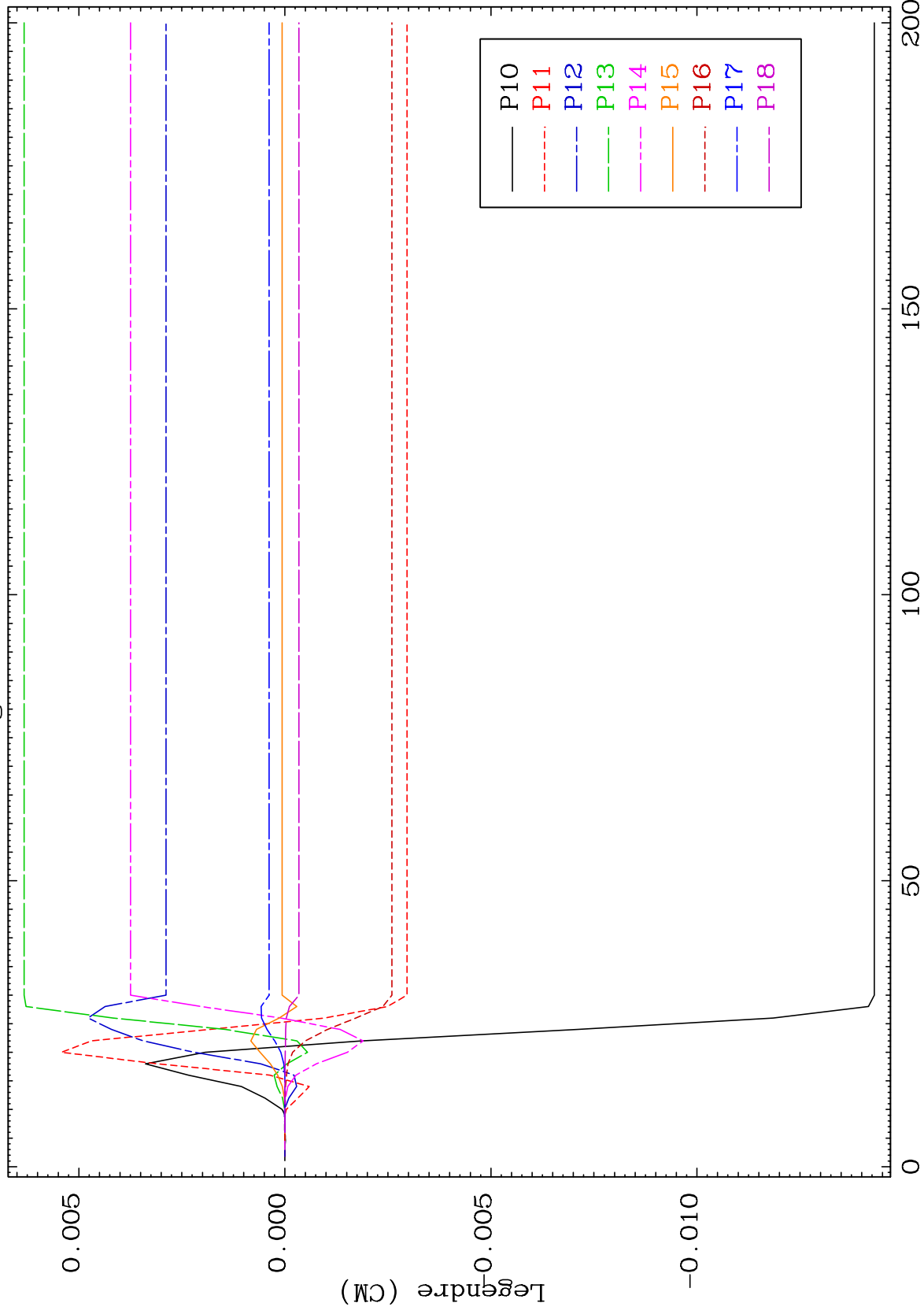
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



44

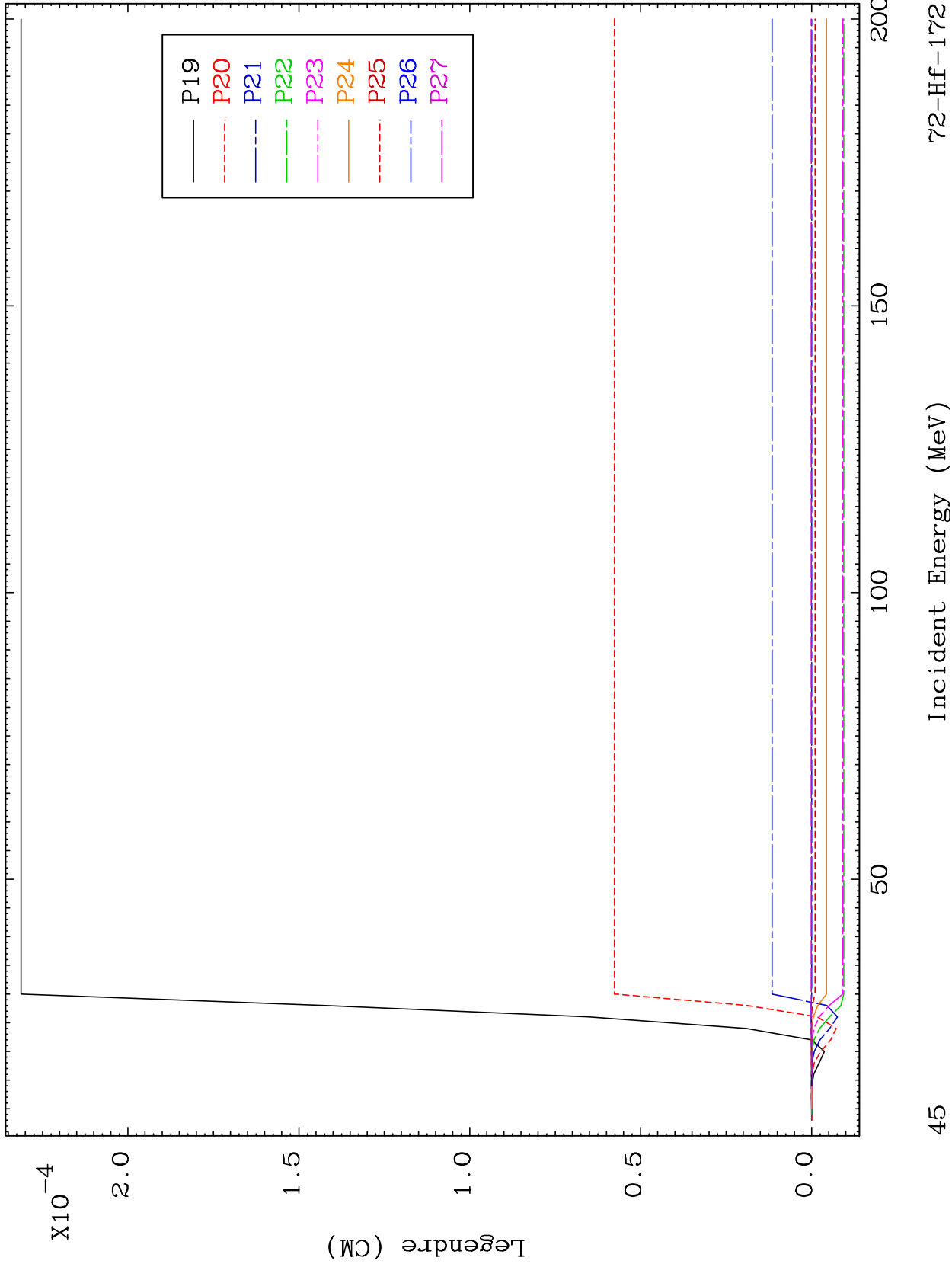
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



45

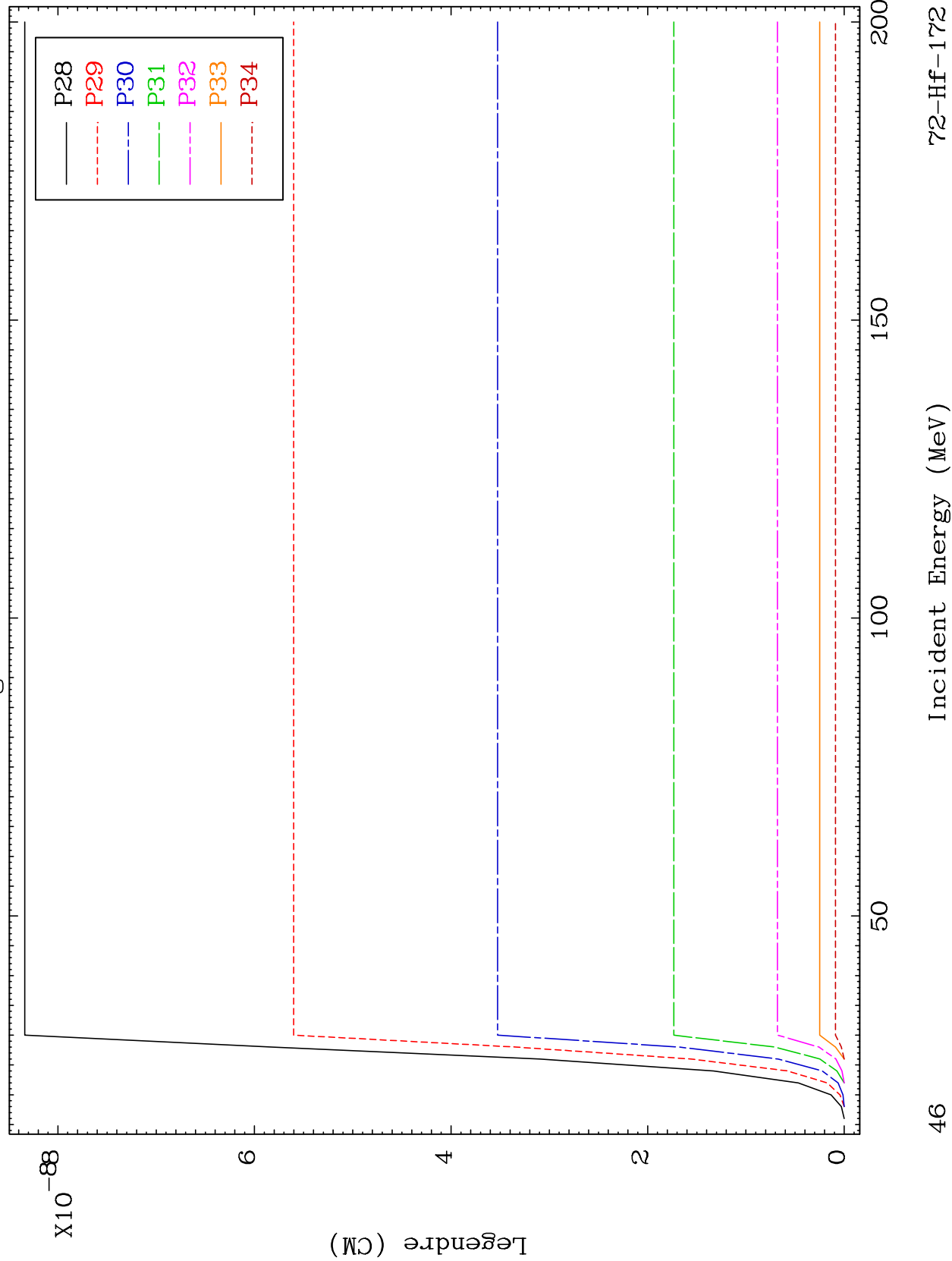
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



46

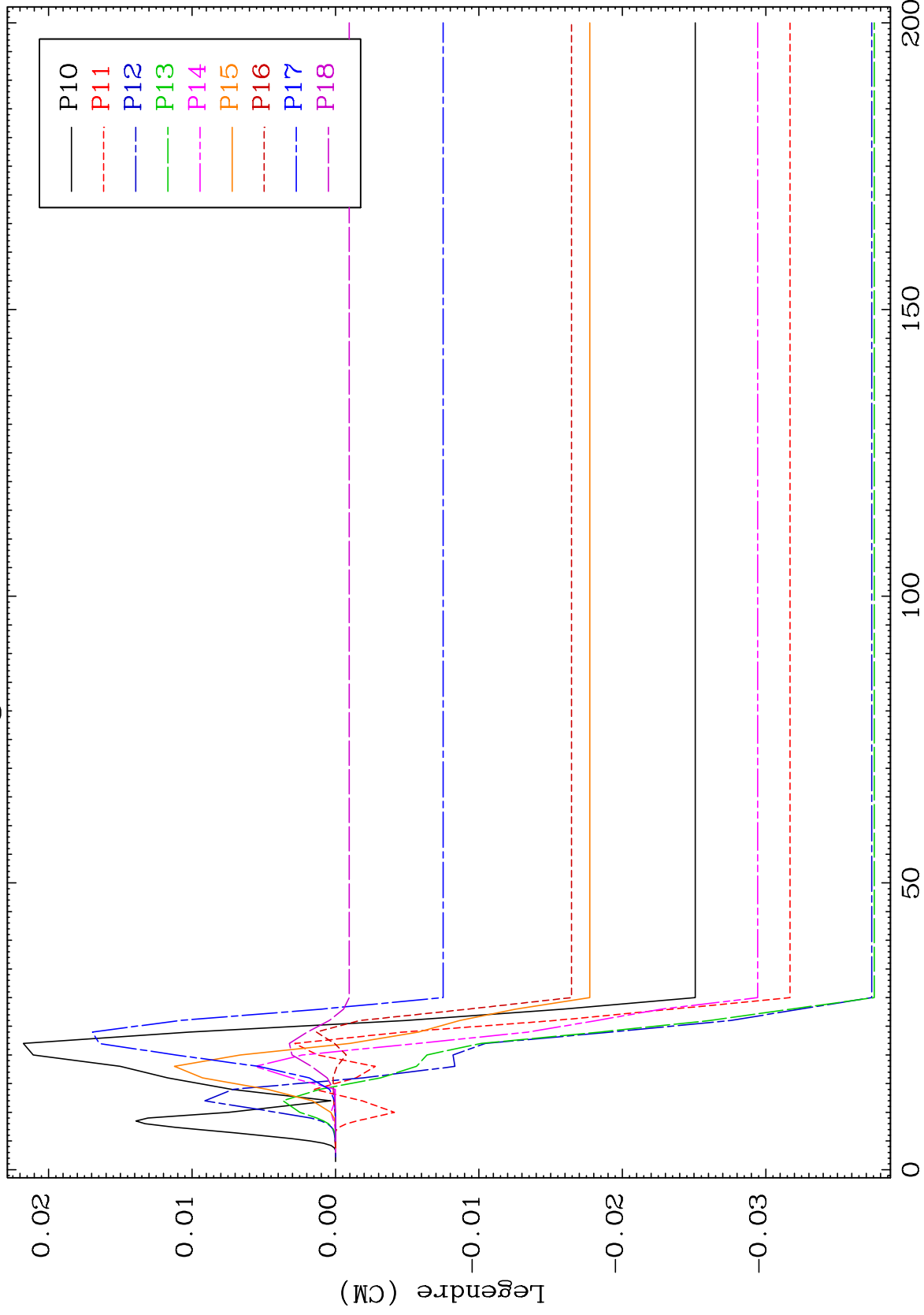
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



48

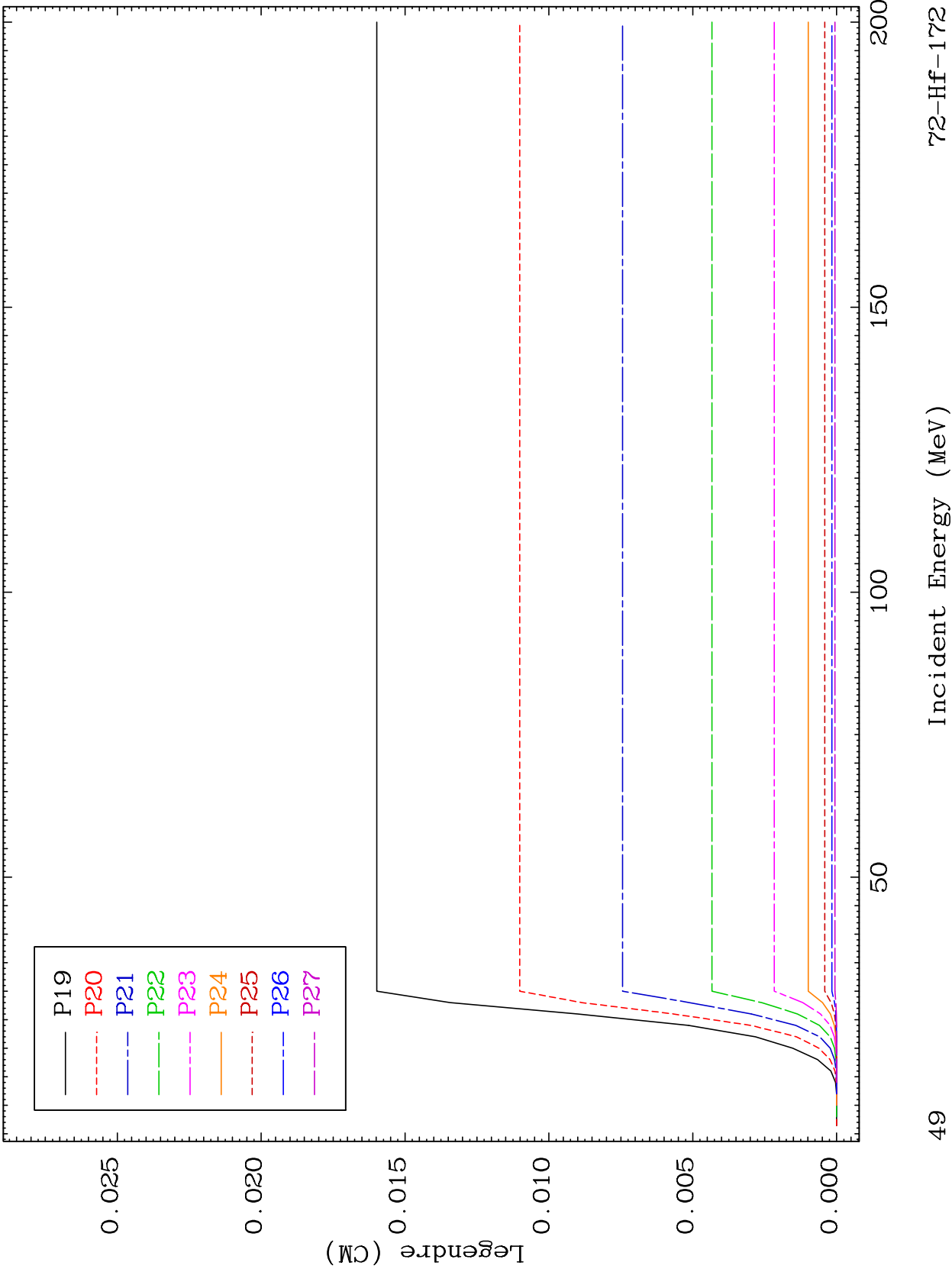
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

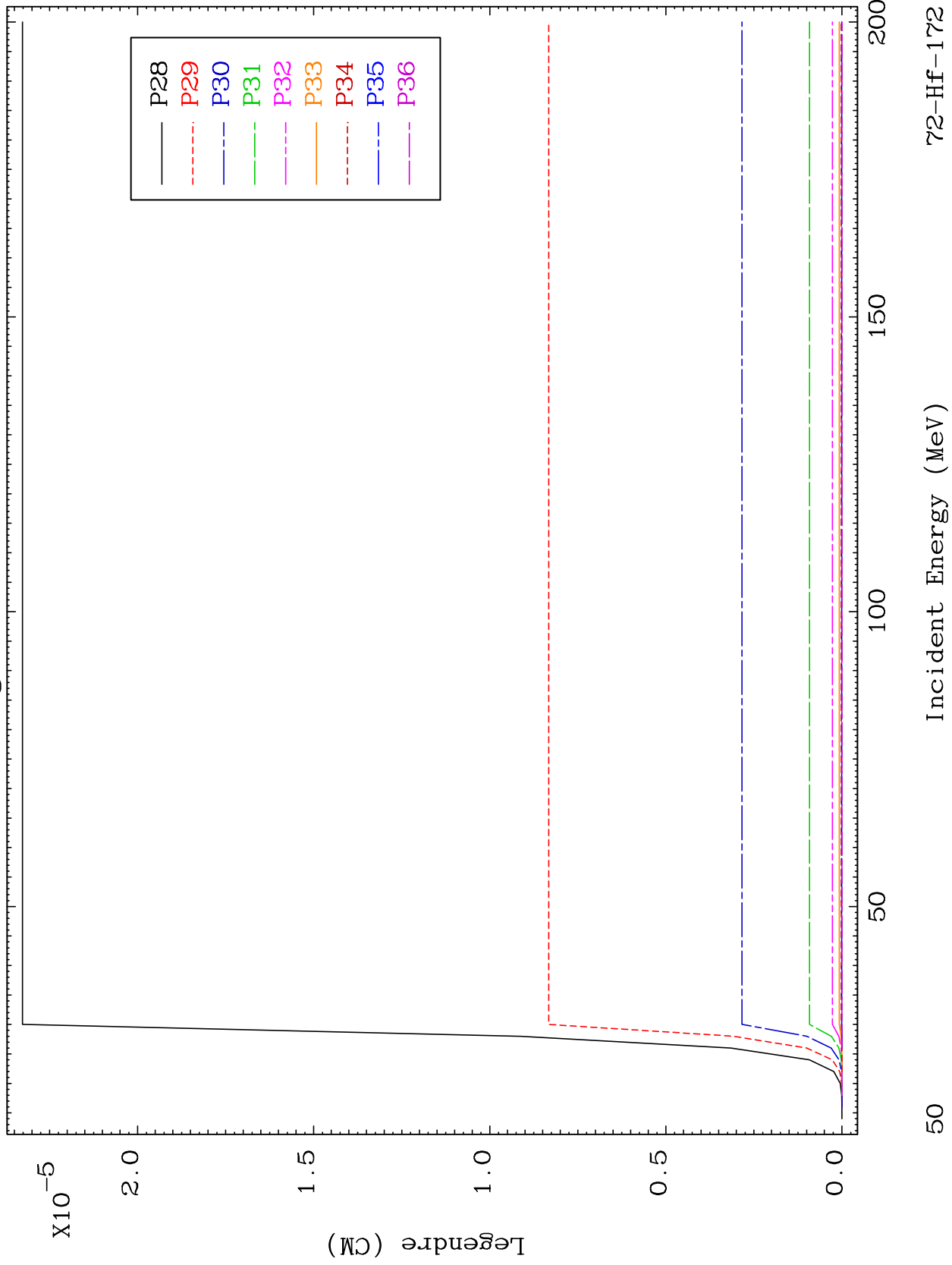
72-Hf-172



MAT 7219

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

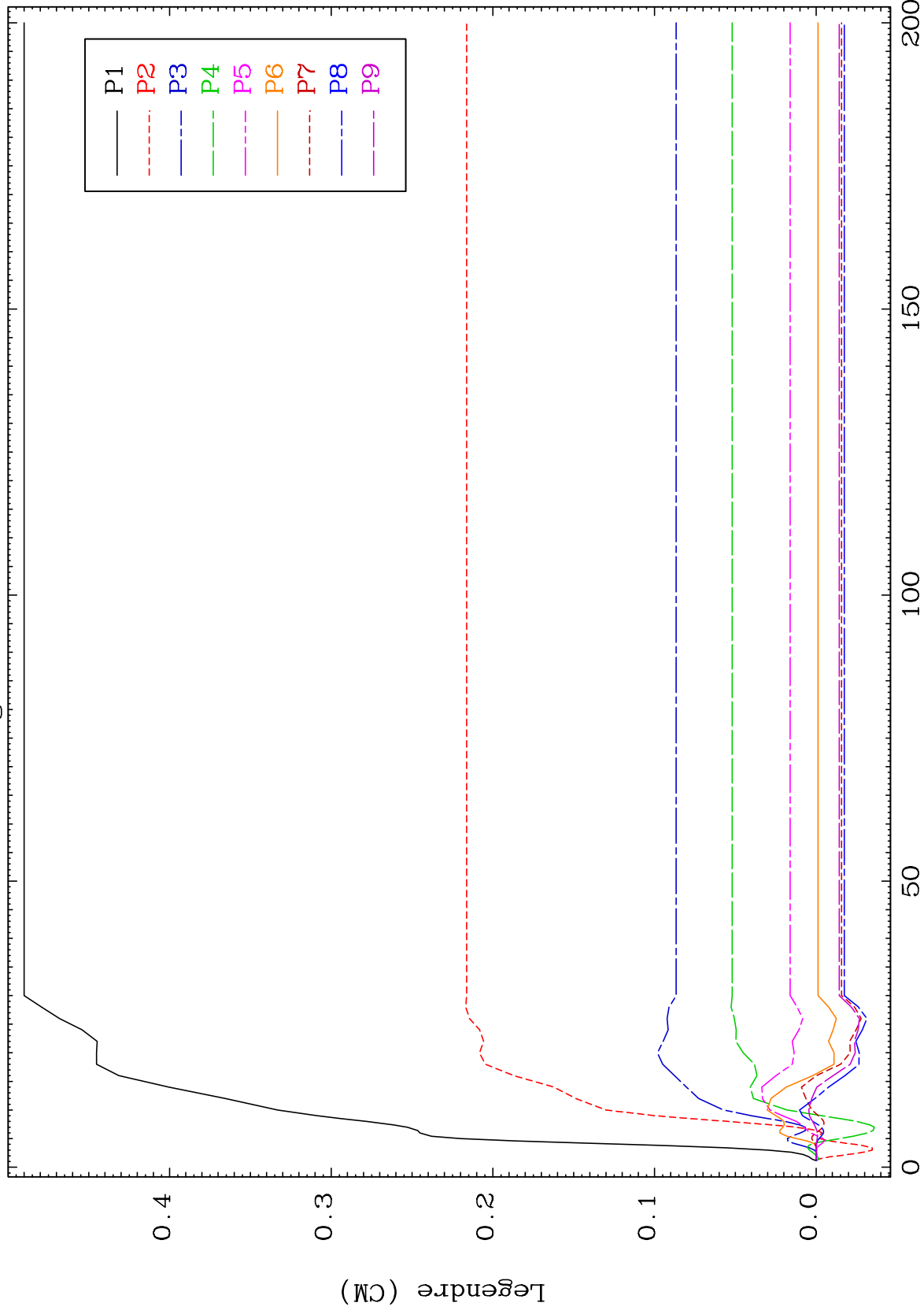
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

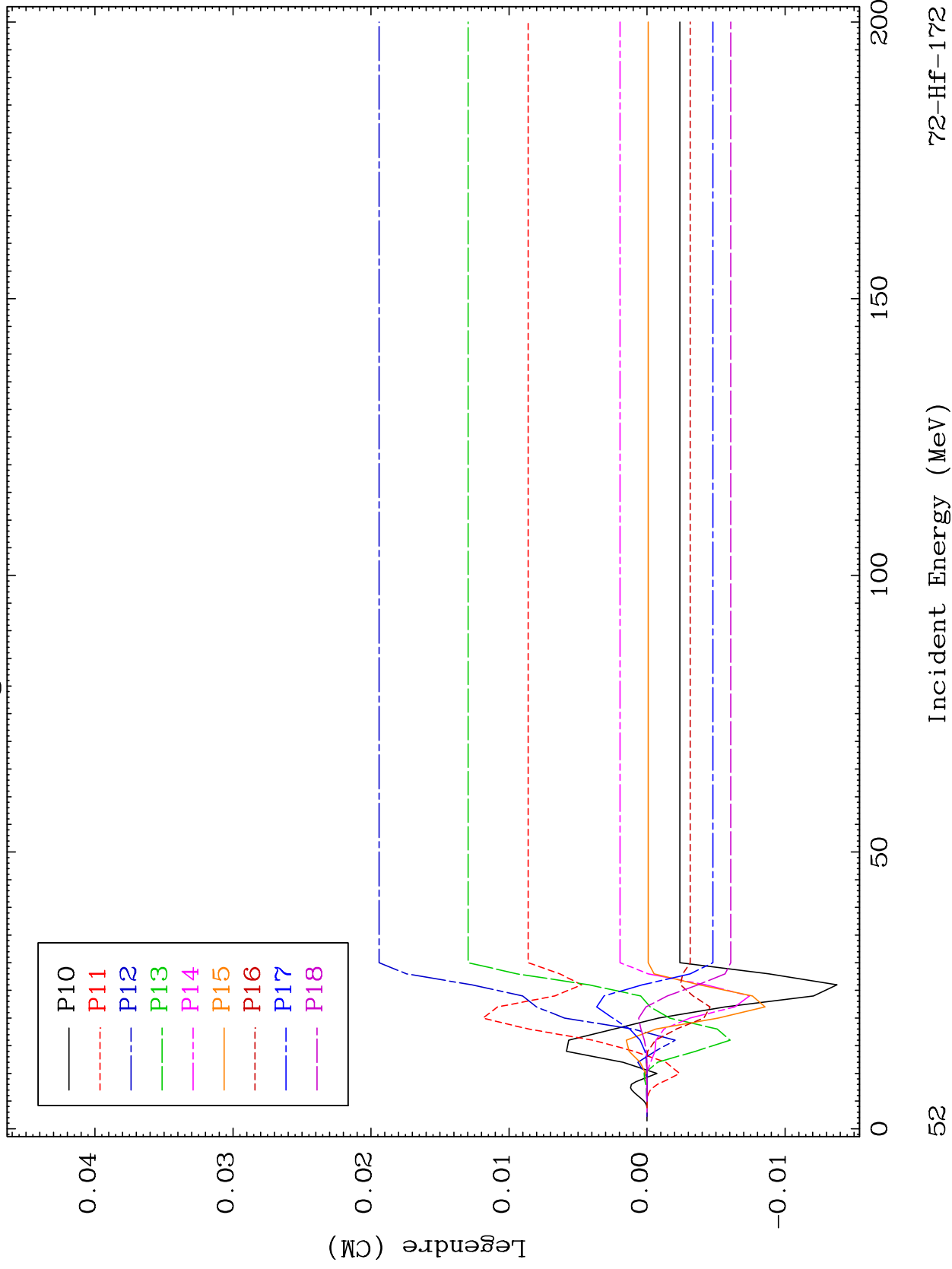
Incident Energy (MeV)

51

MAT 7219

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

72-Hf-172



72-Hf-172

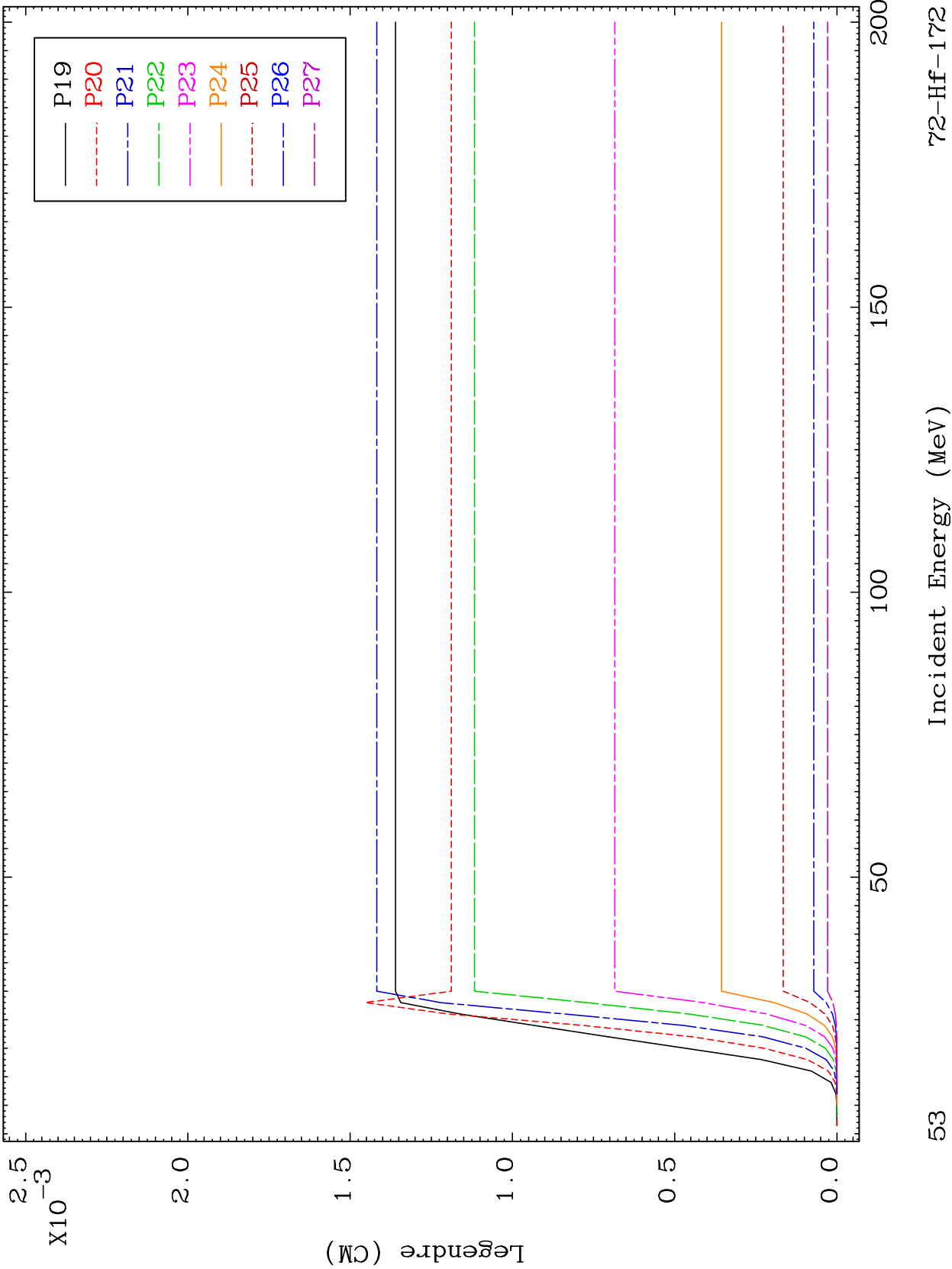
Incident Energy (MeV)

52

MAT 7219

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

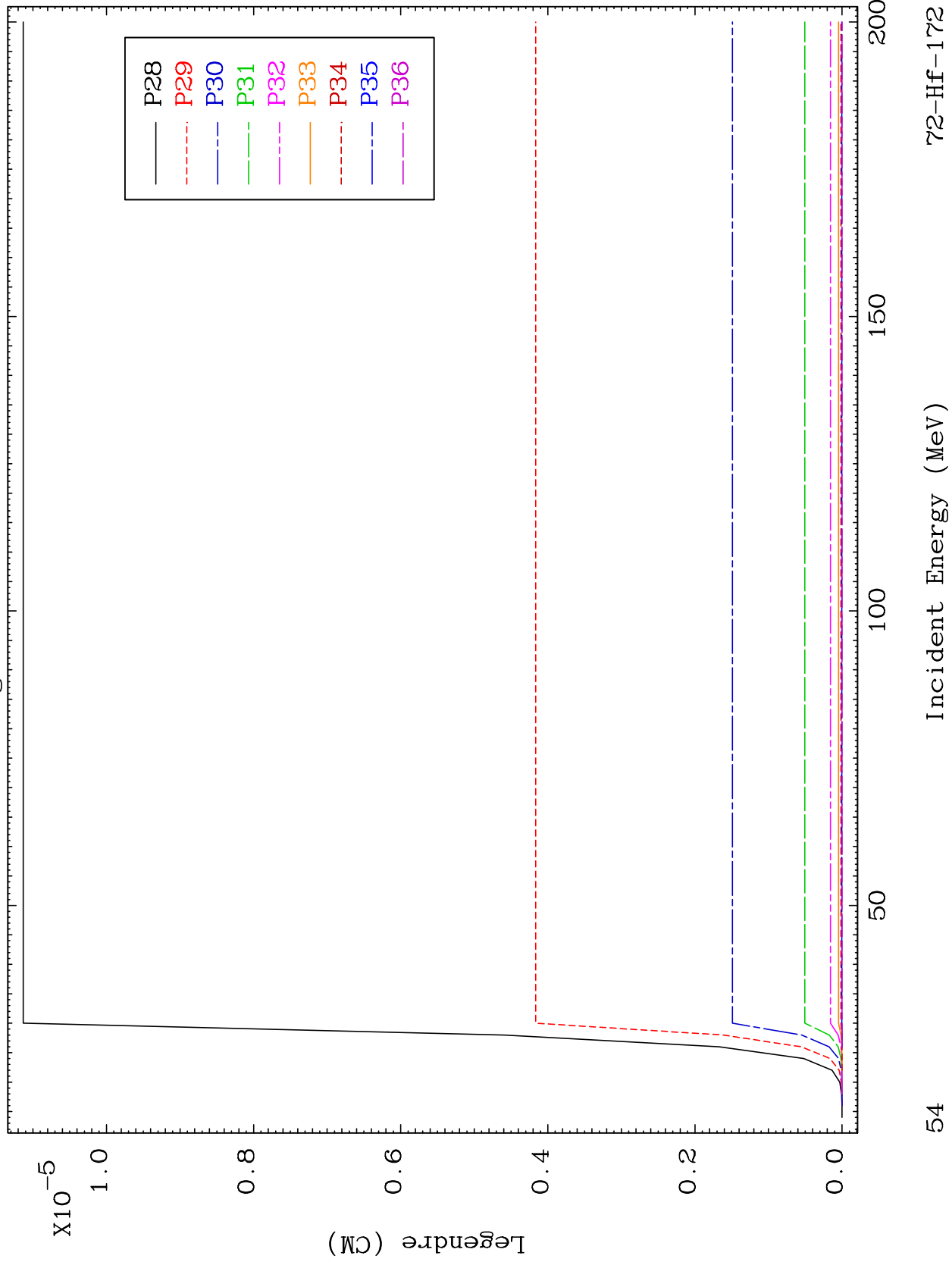
72-Hf-172



MAT 7219

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

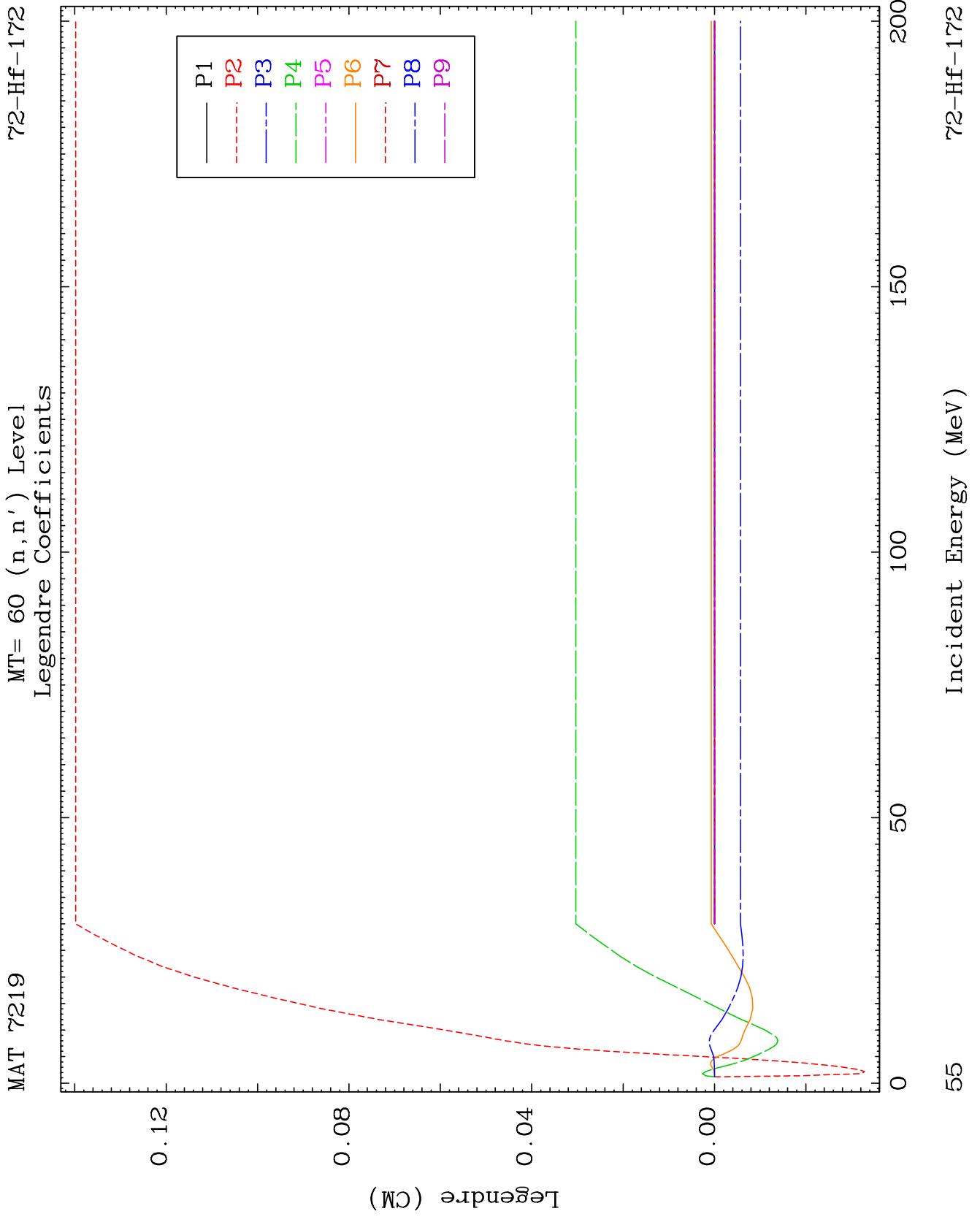
72-Hf-172



54

Incident Energy (MeV)

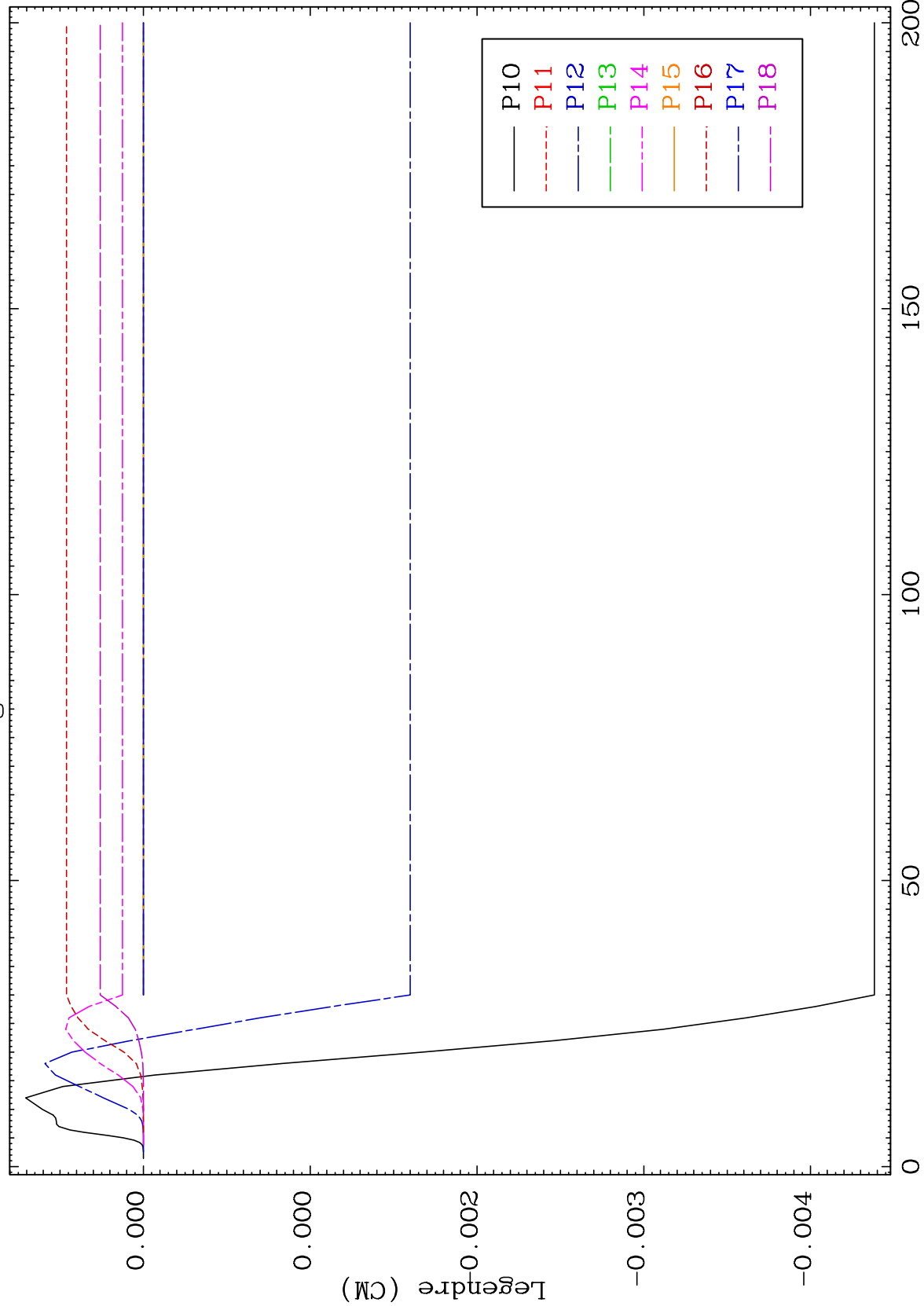
72-Hf-172



MAT 7219

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

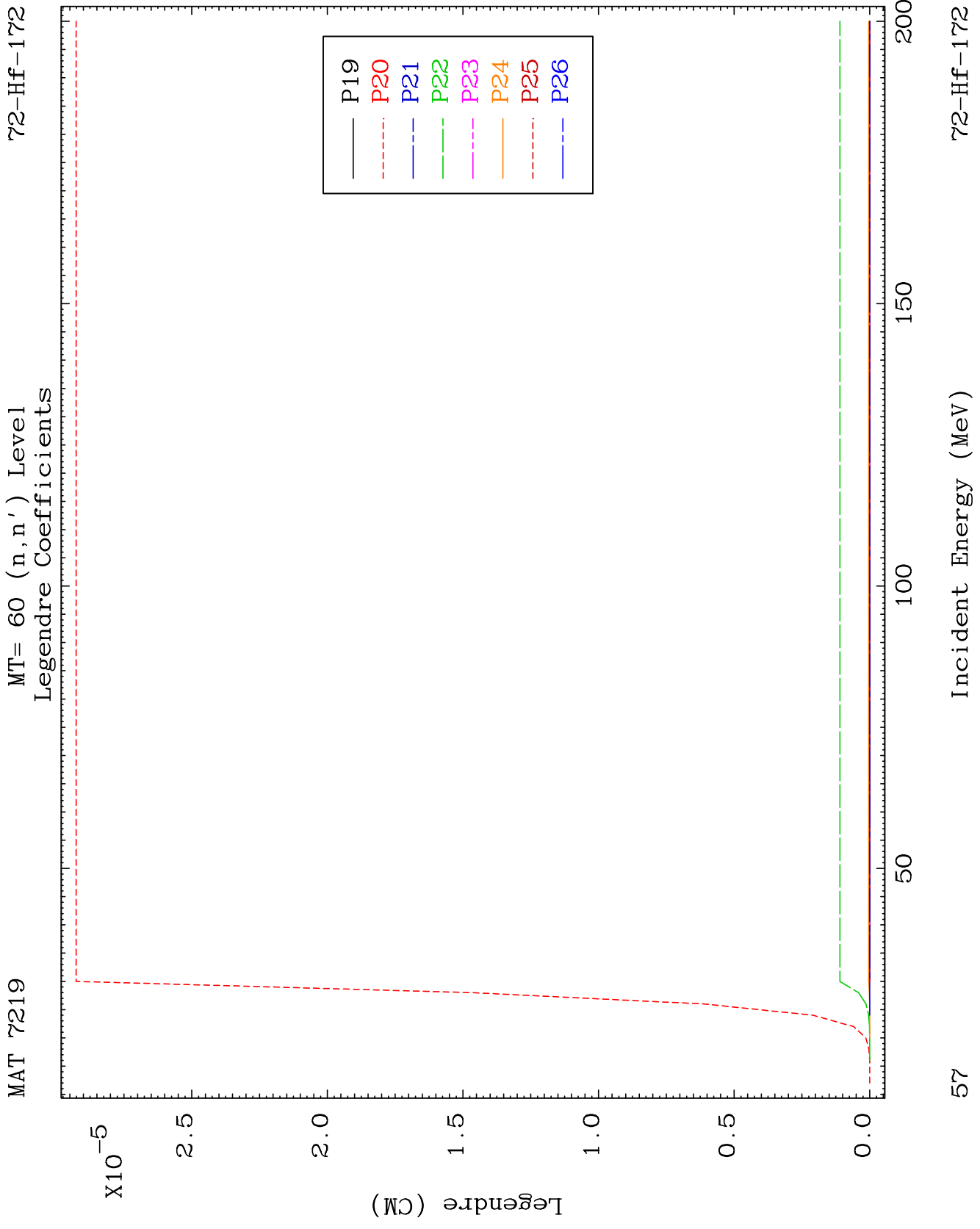
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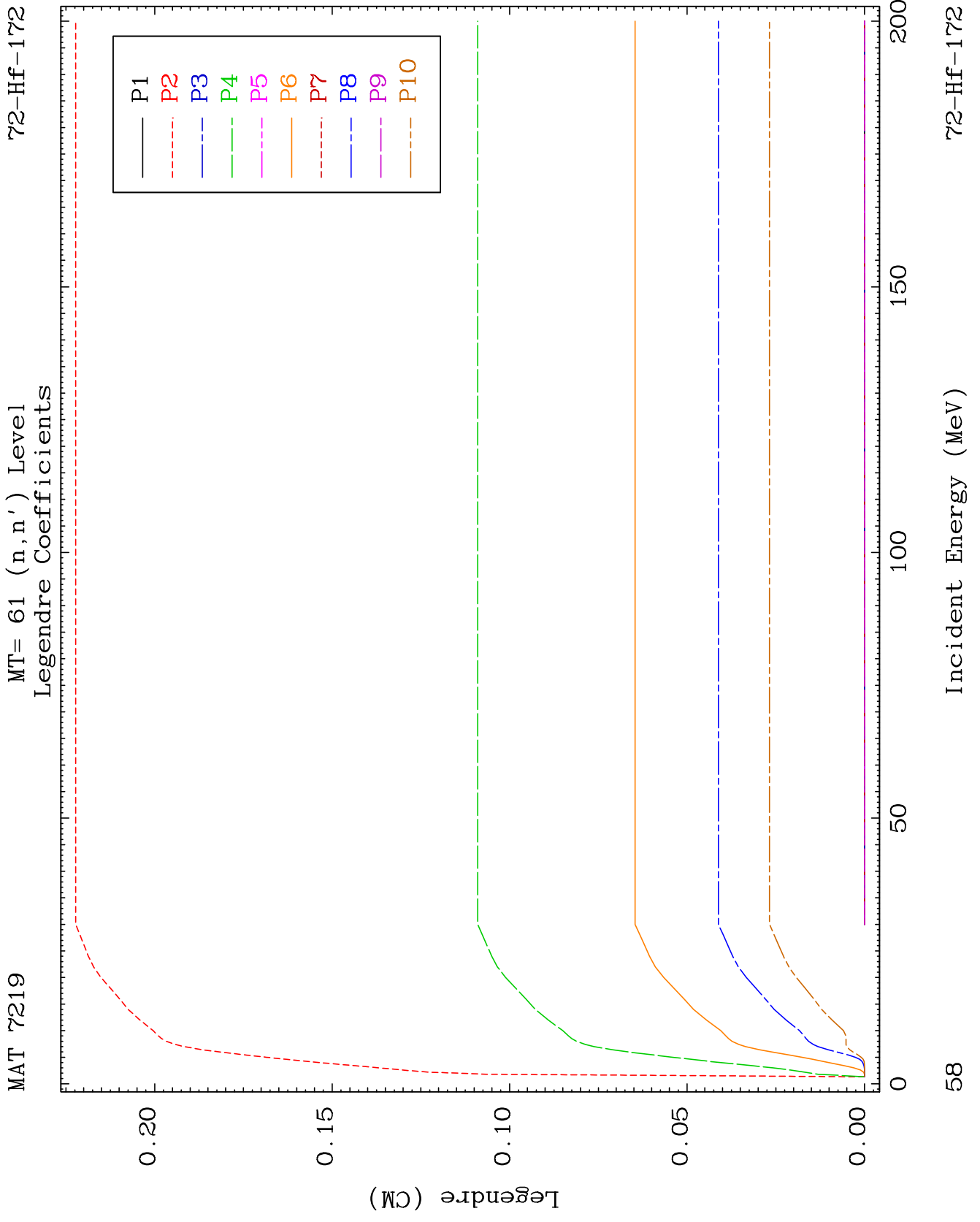


56

Incident Energy (MeV)

72-Hf-172

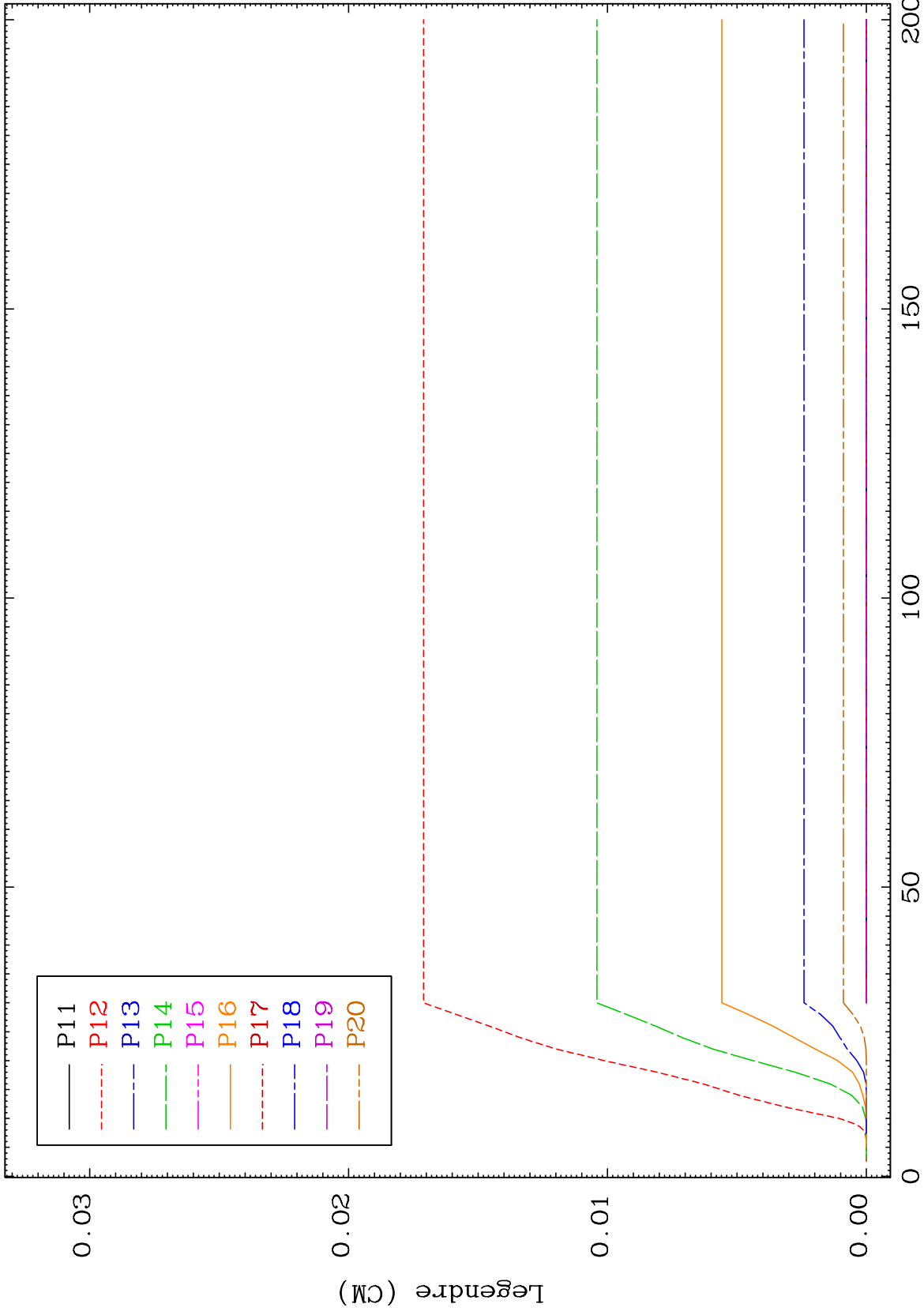




MAT 7219

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

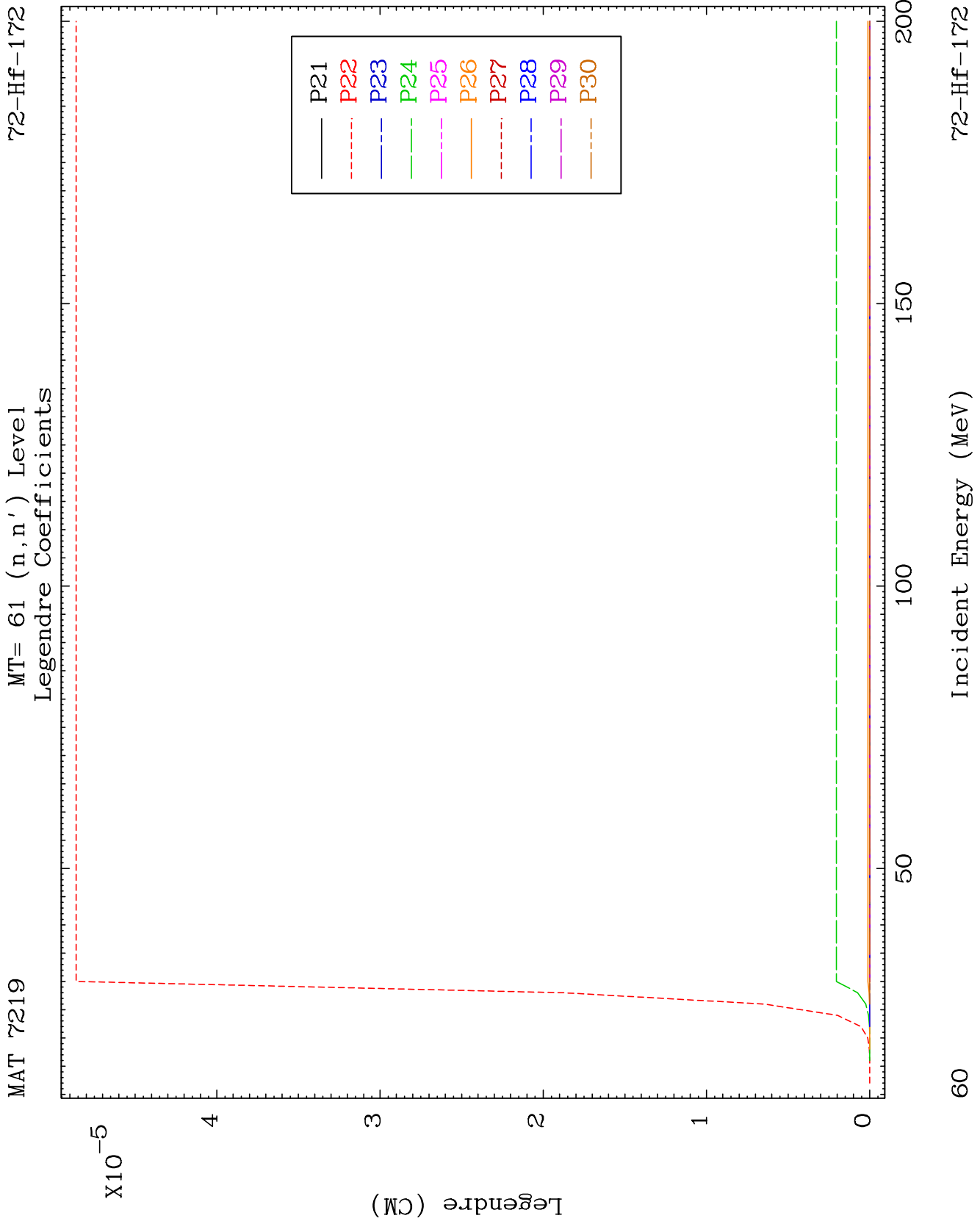
72-Hf-172



59

Incident Energy (MeV)

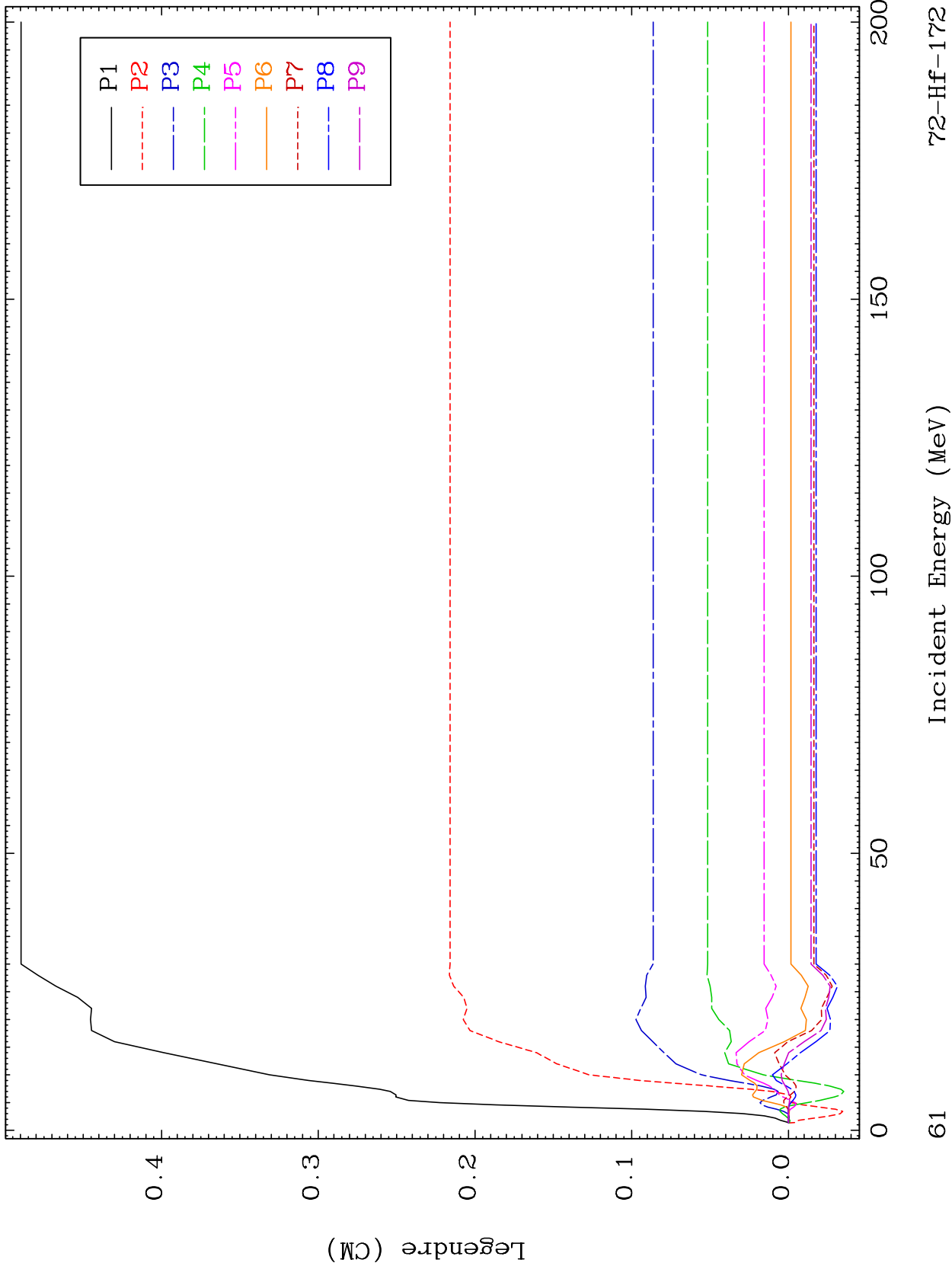
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

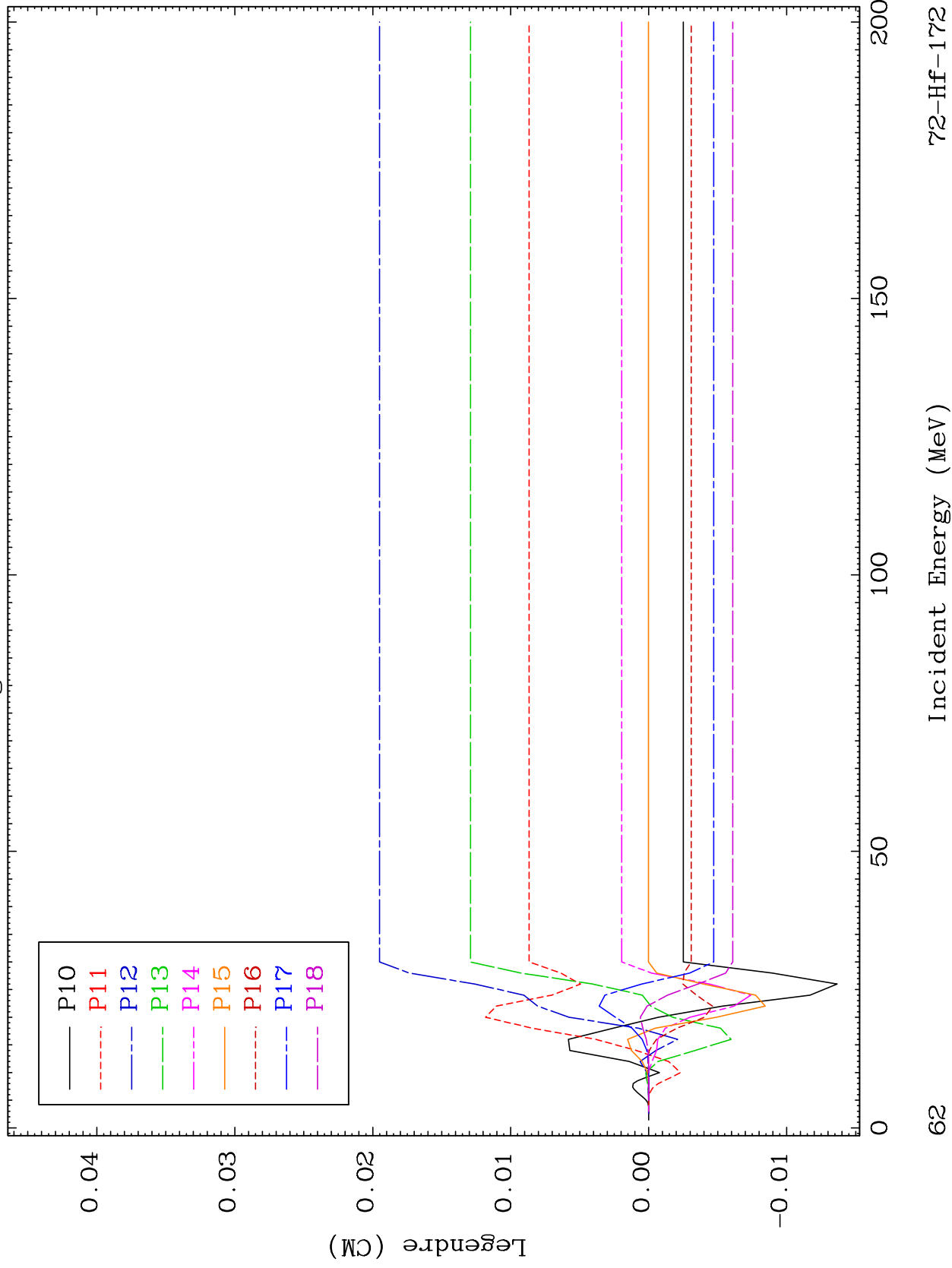
Incident Energy (MeV)

61

MAT 7219

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

72-Hf-172



72-Hf-172

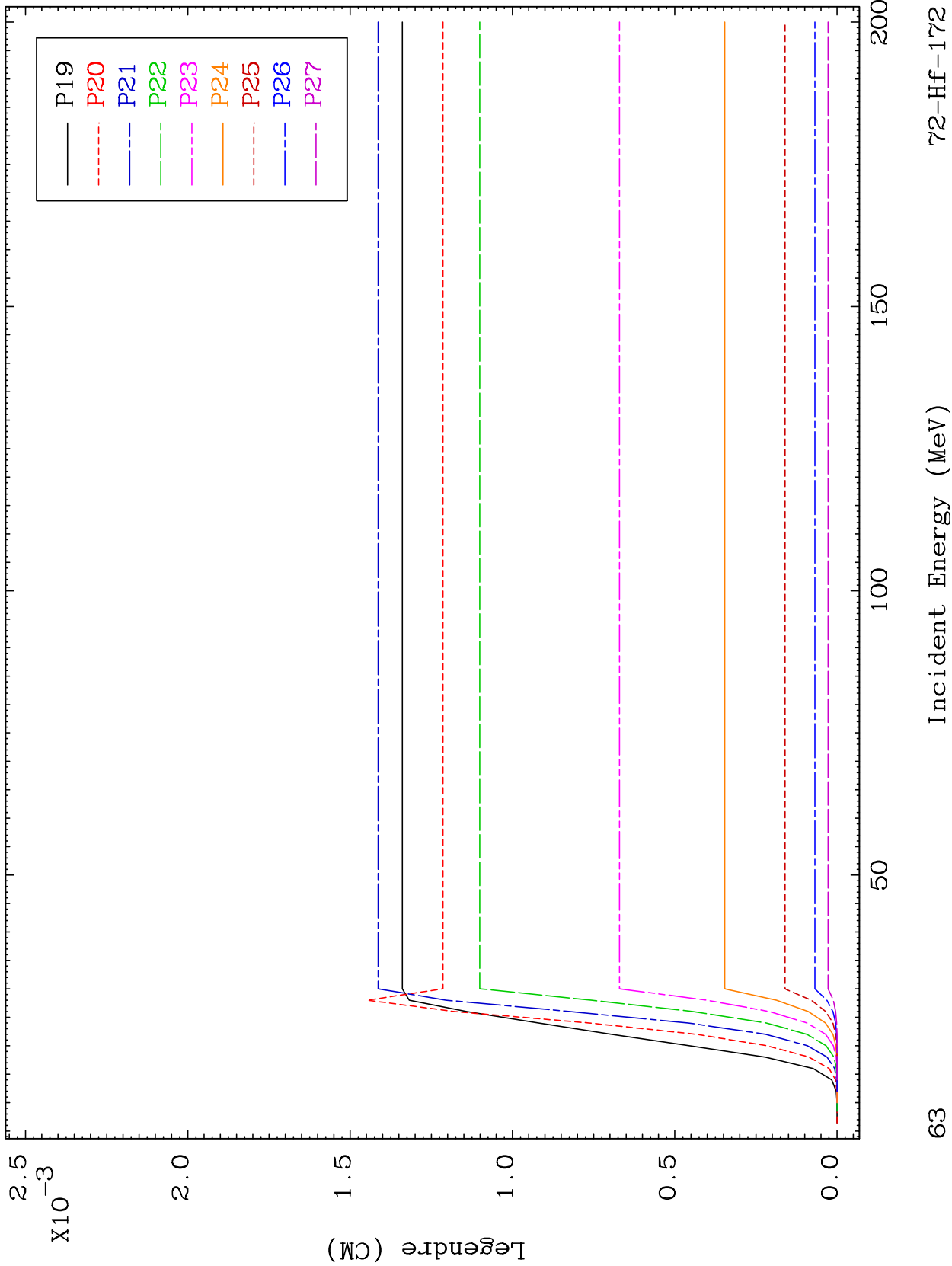
Incident Energy (MeV)

62

MAT 7219

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

72-Hf-172



63

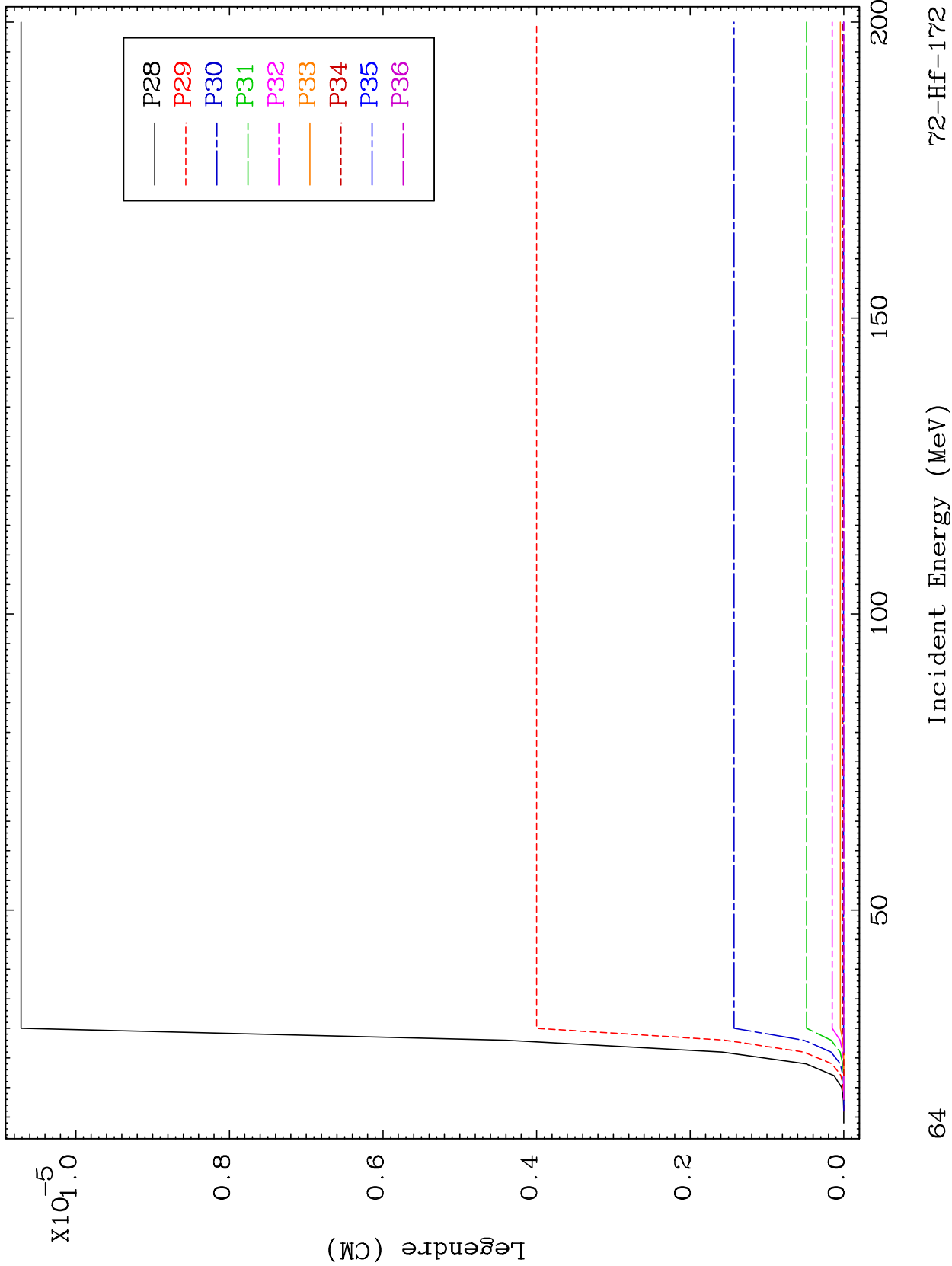
Incident Energy (MeV)

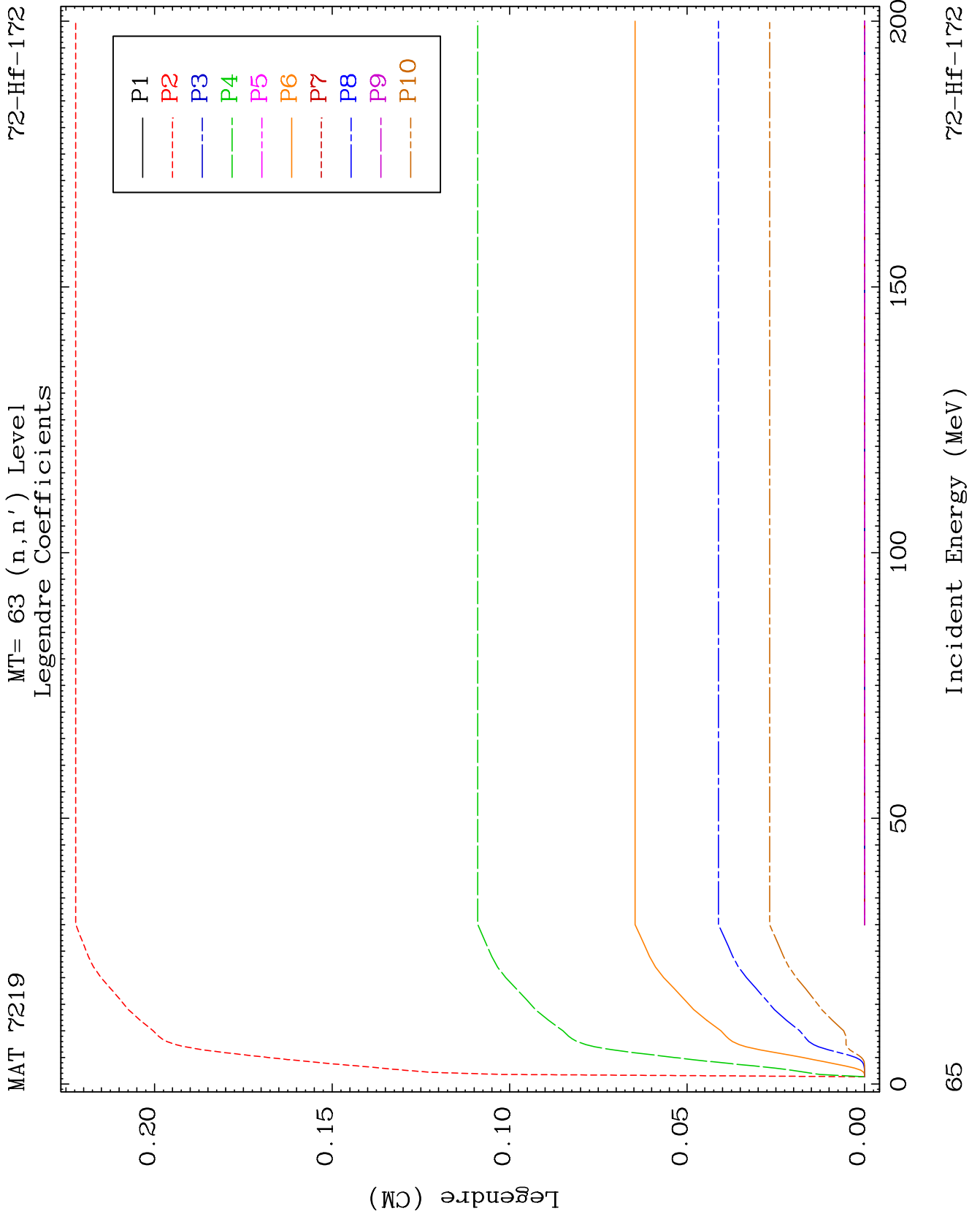
72-Hf-172

MAT 7219

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

72-Hf-172

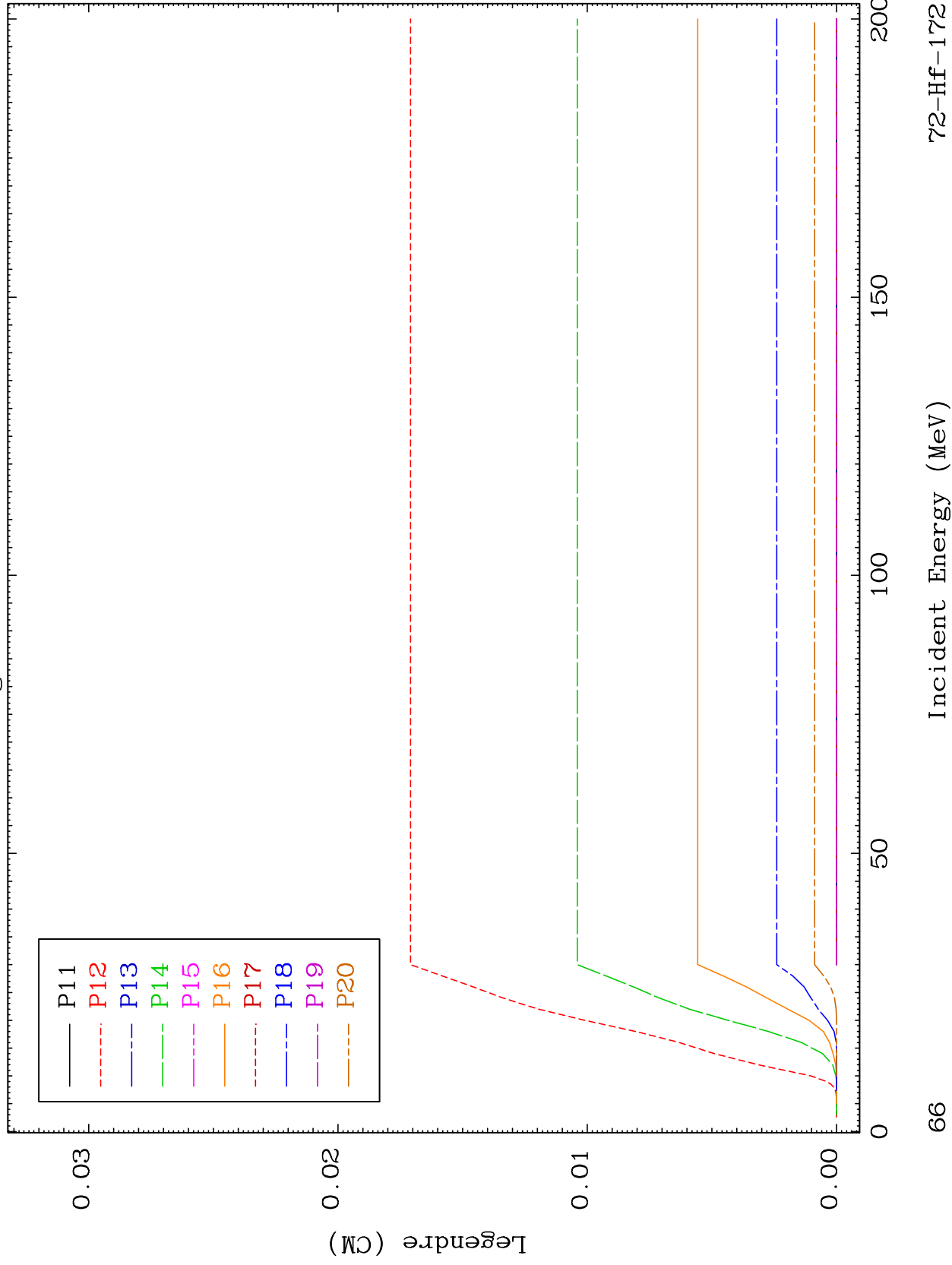




MAT 7219

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

72-Hf-172



66

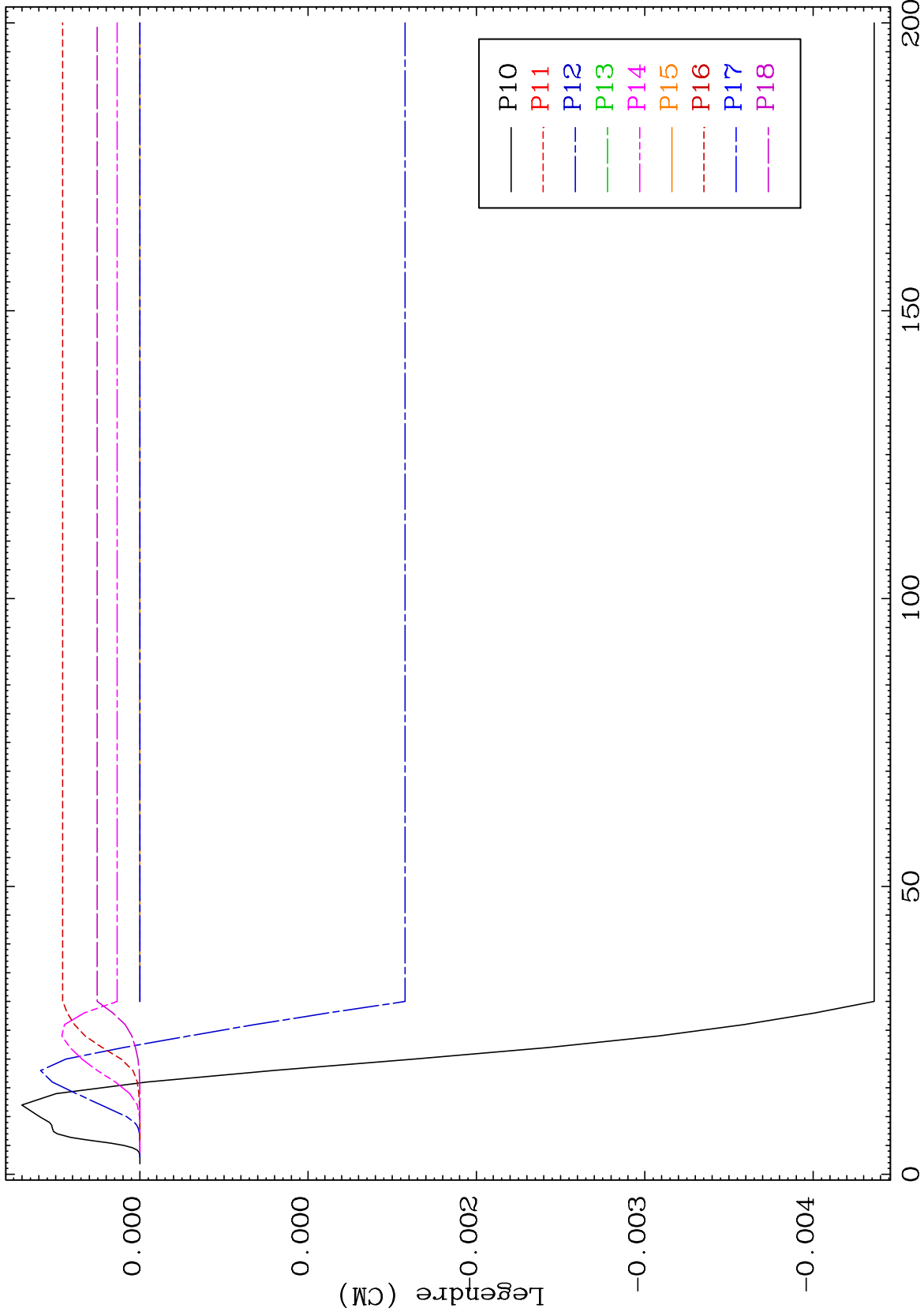
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

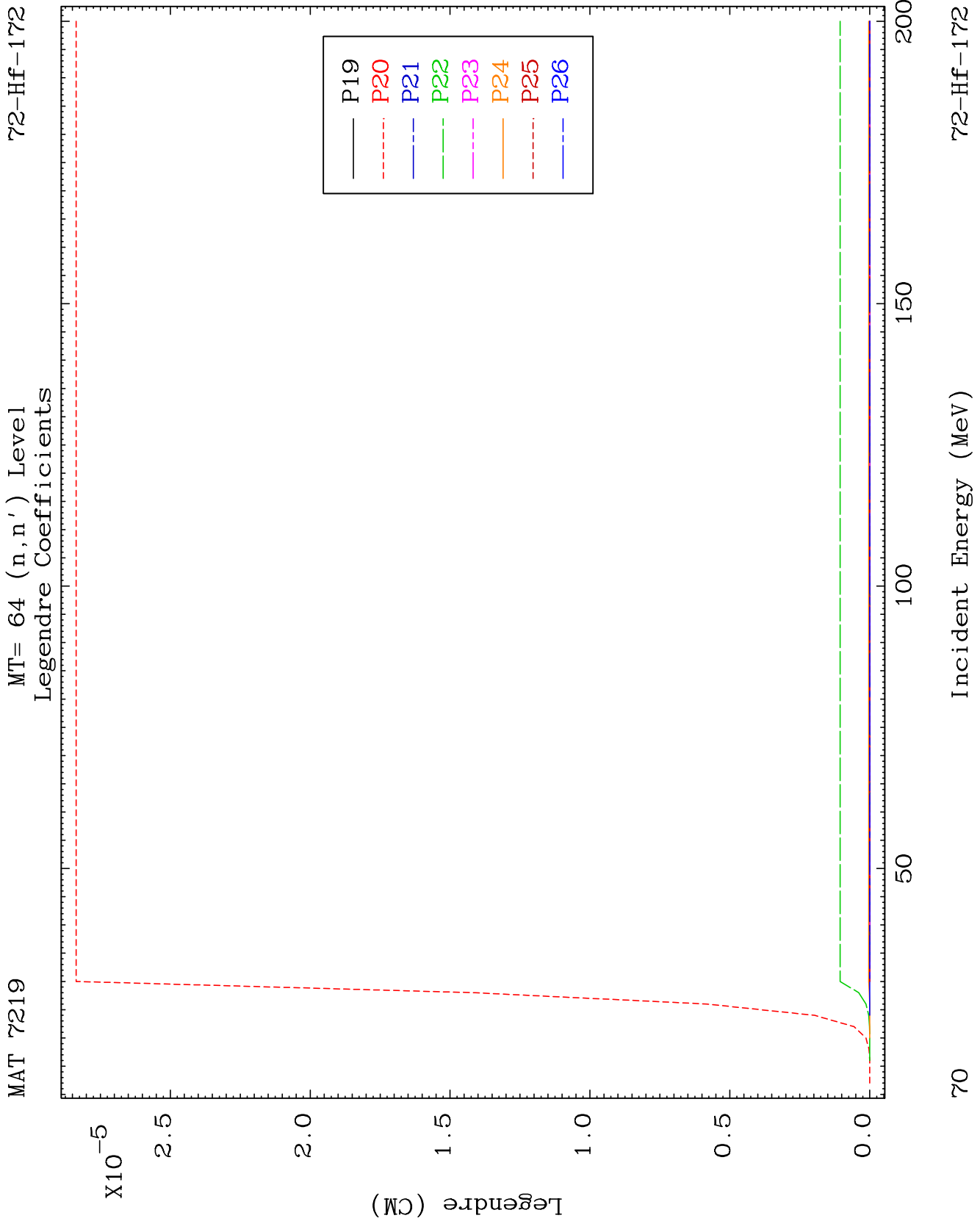
72-Hf-172

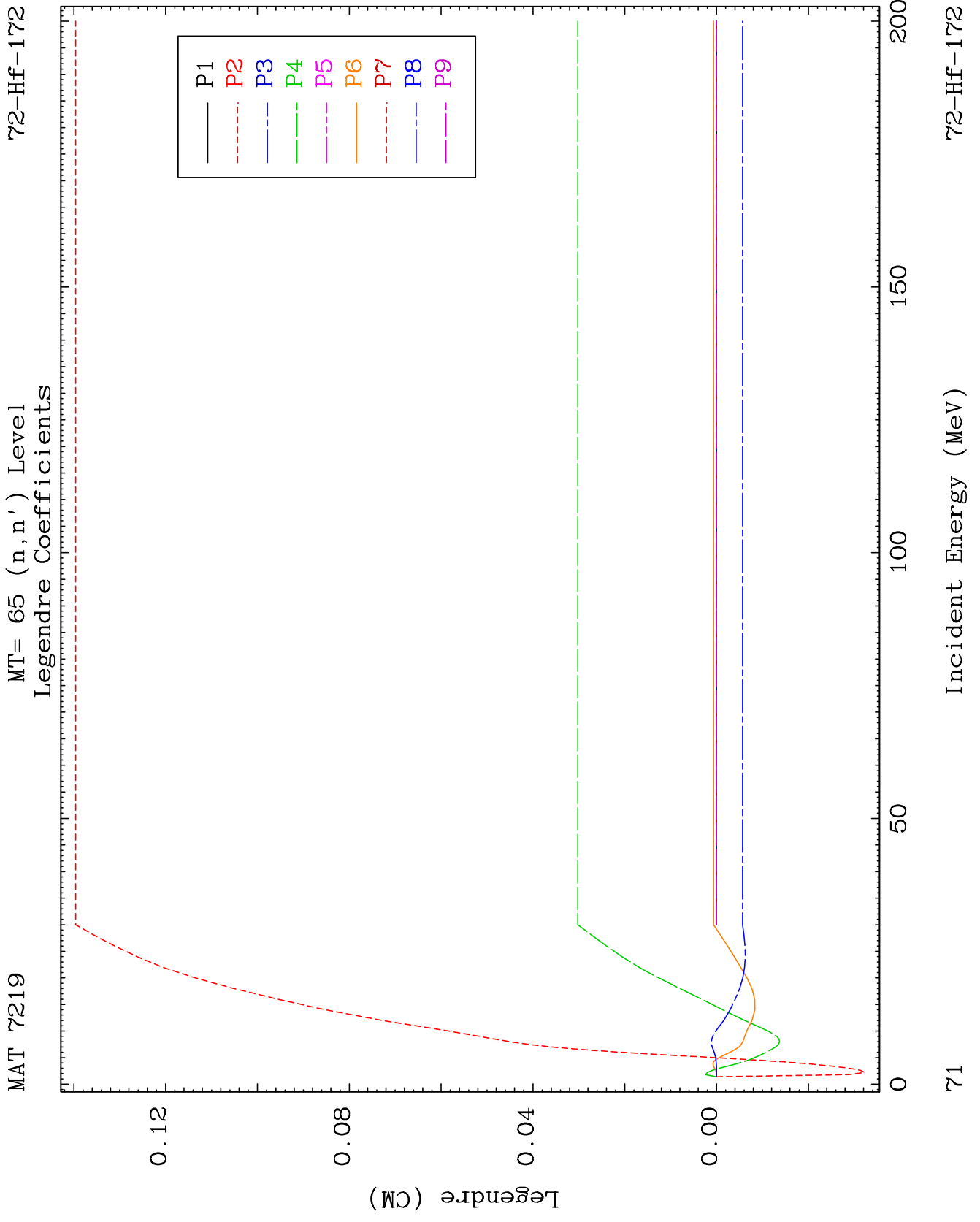


69

Incident Energy (MeV)

72-Hf-172

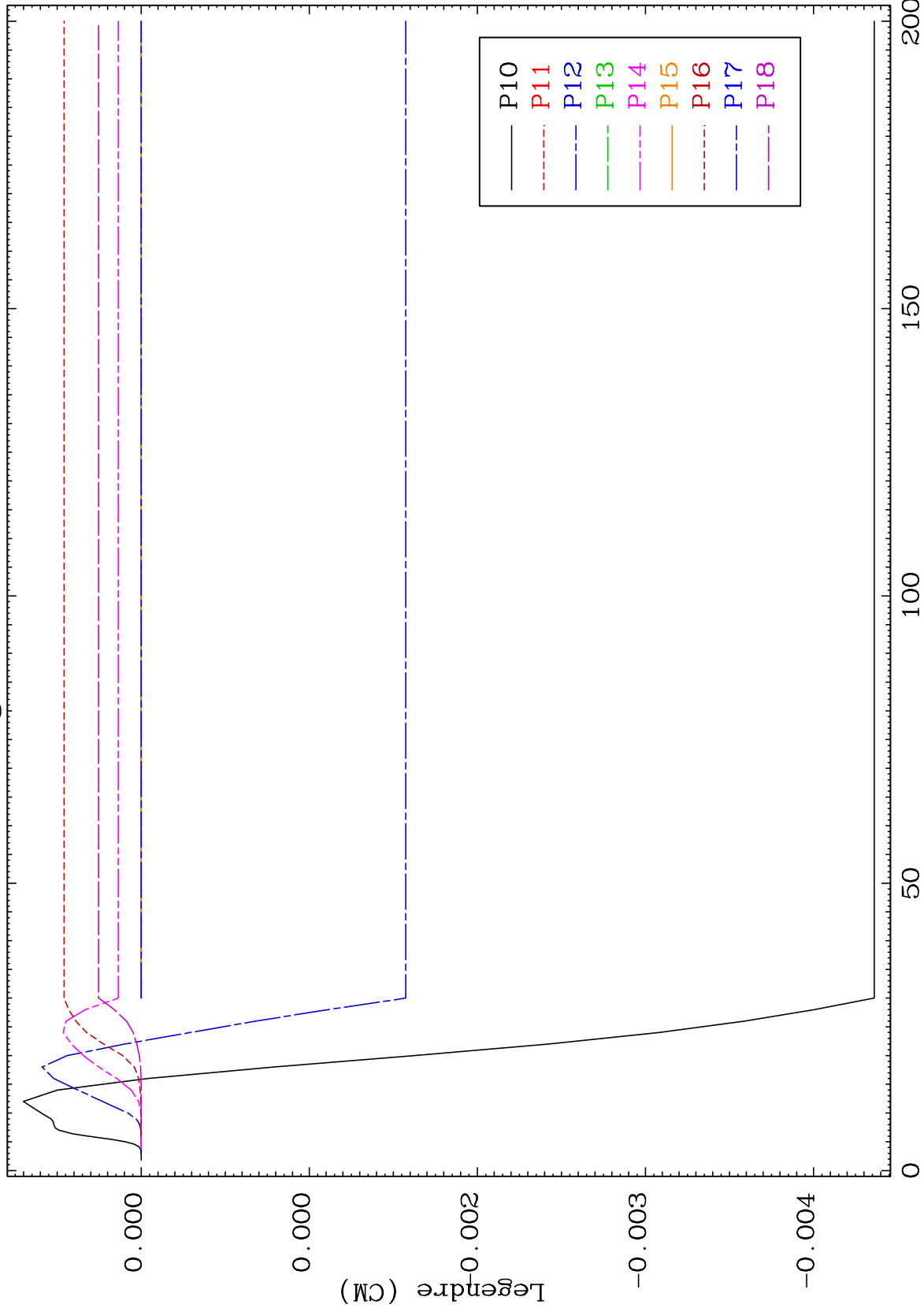




MAT 7219

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

72-Hf-172



72

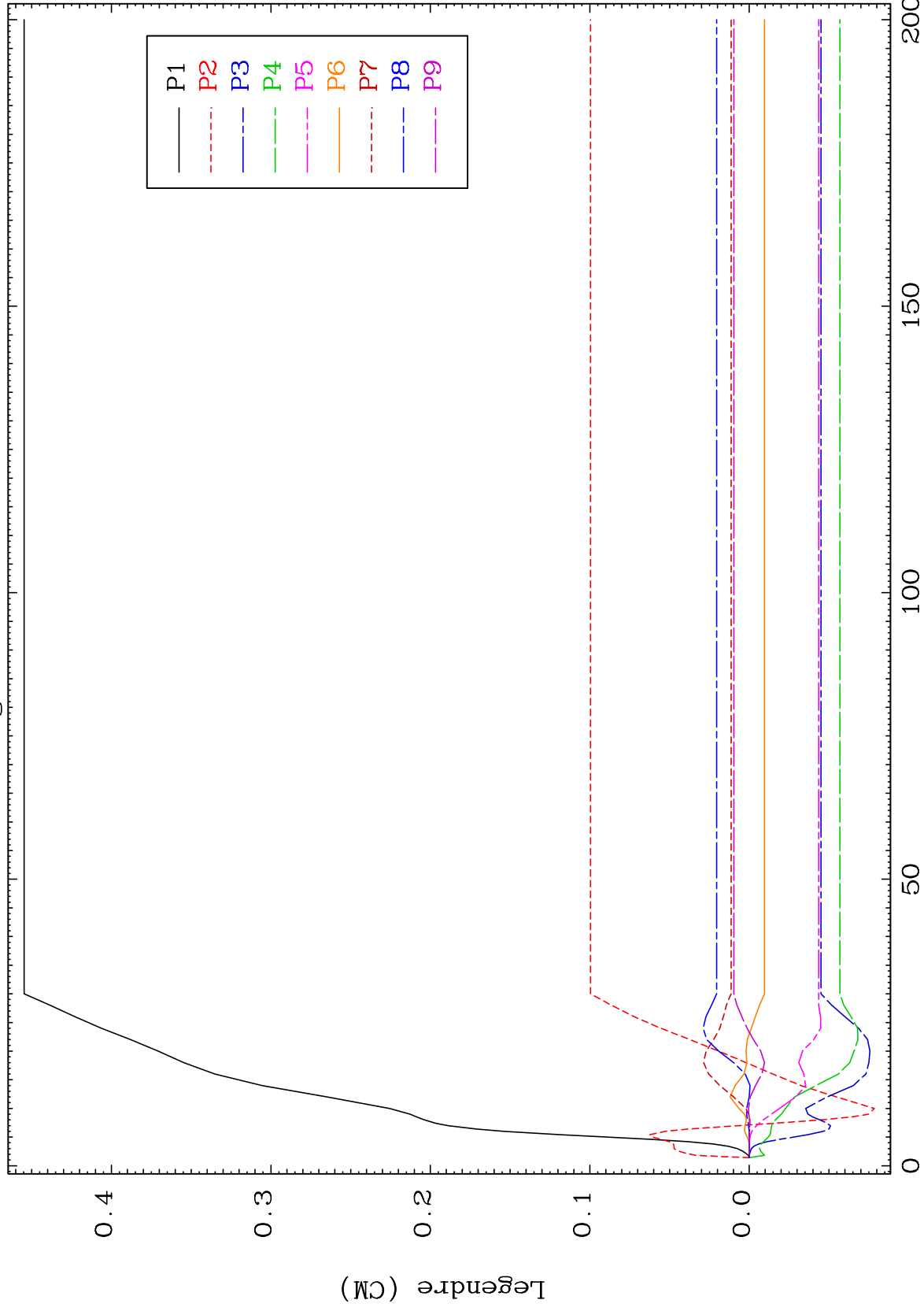
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



74

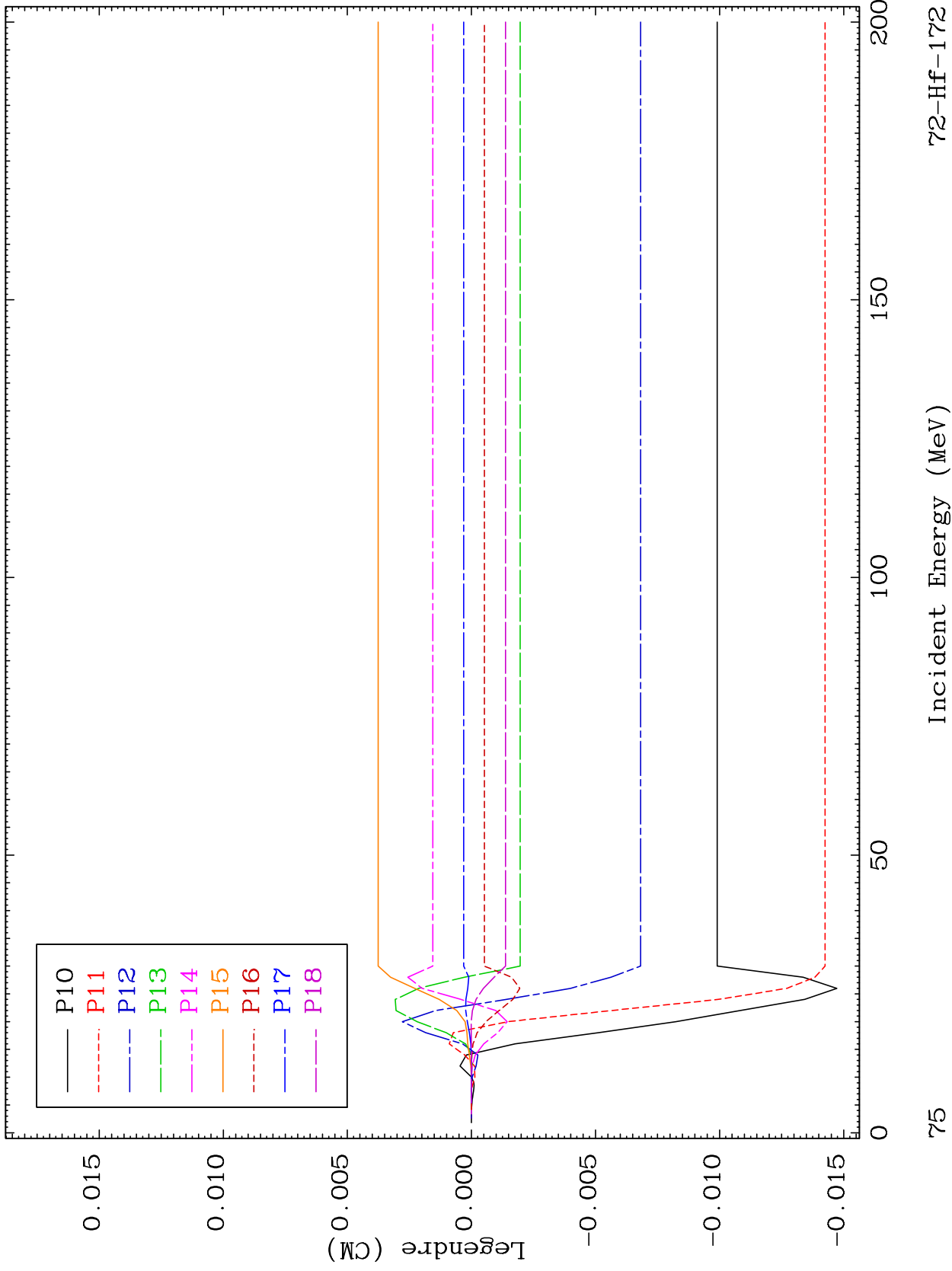
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



75

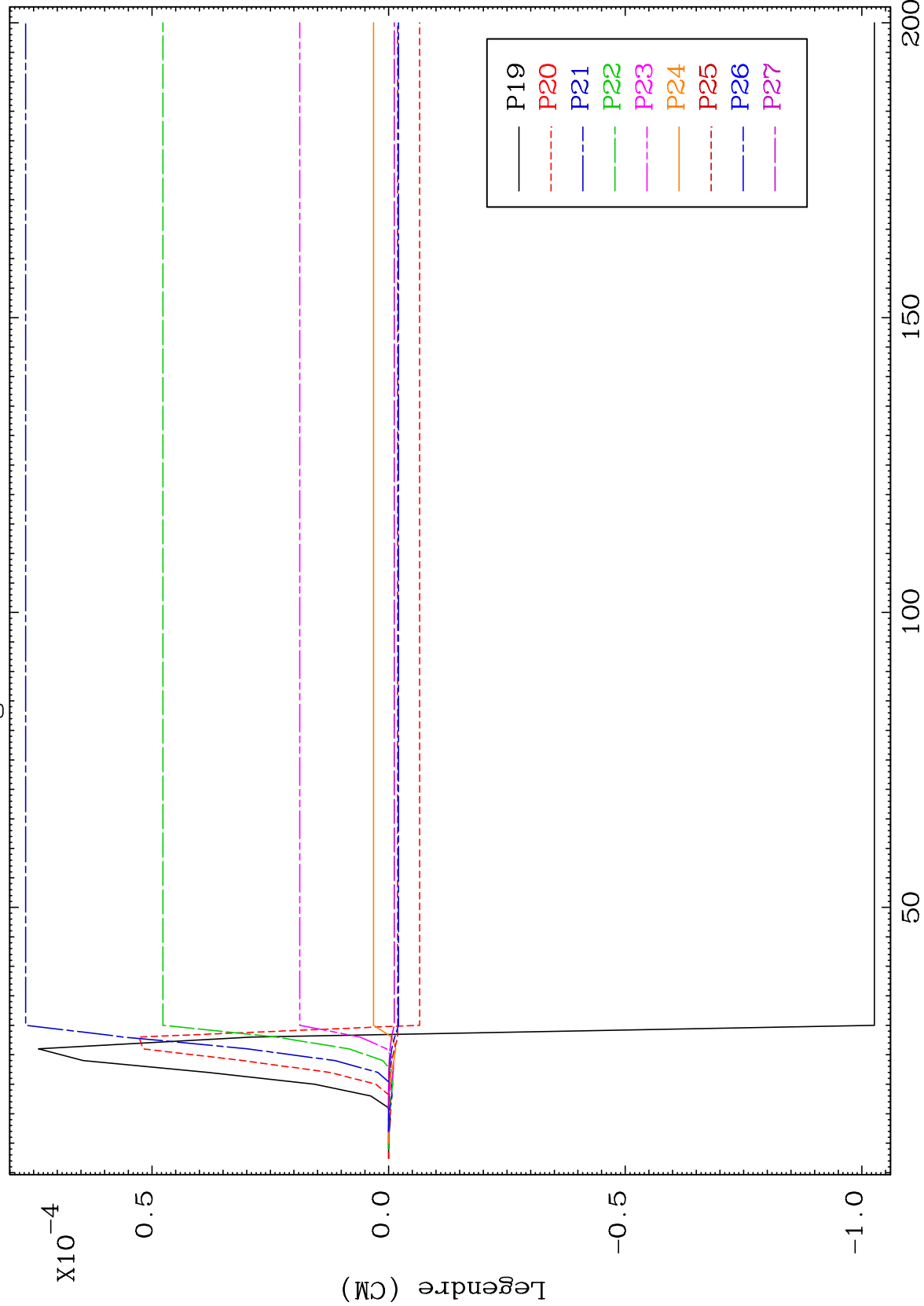
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

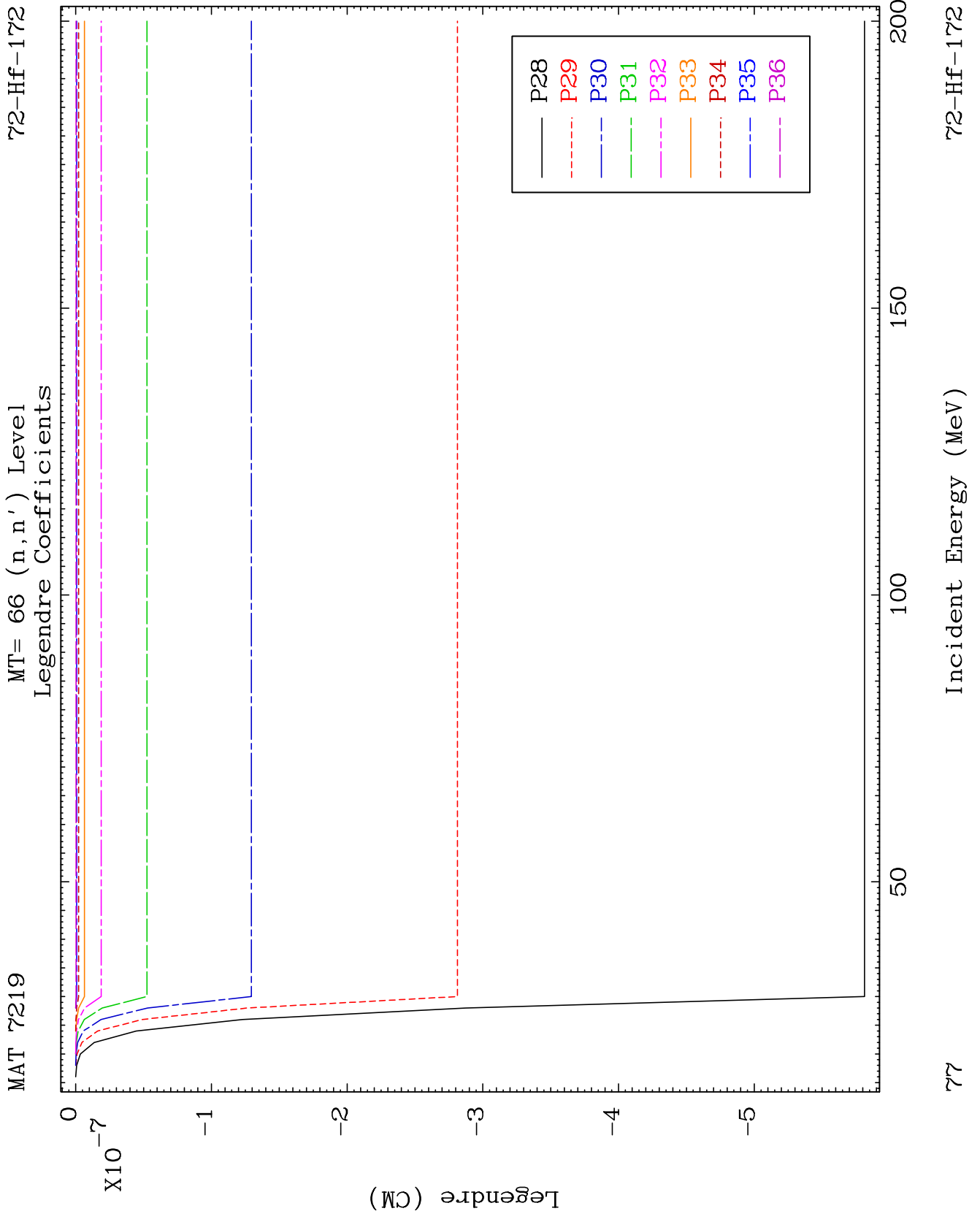
72-Hf-172

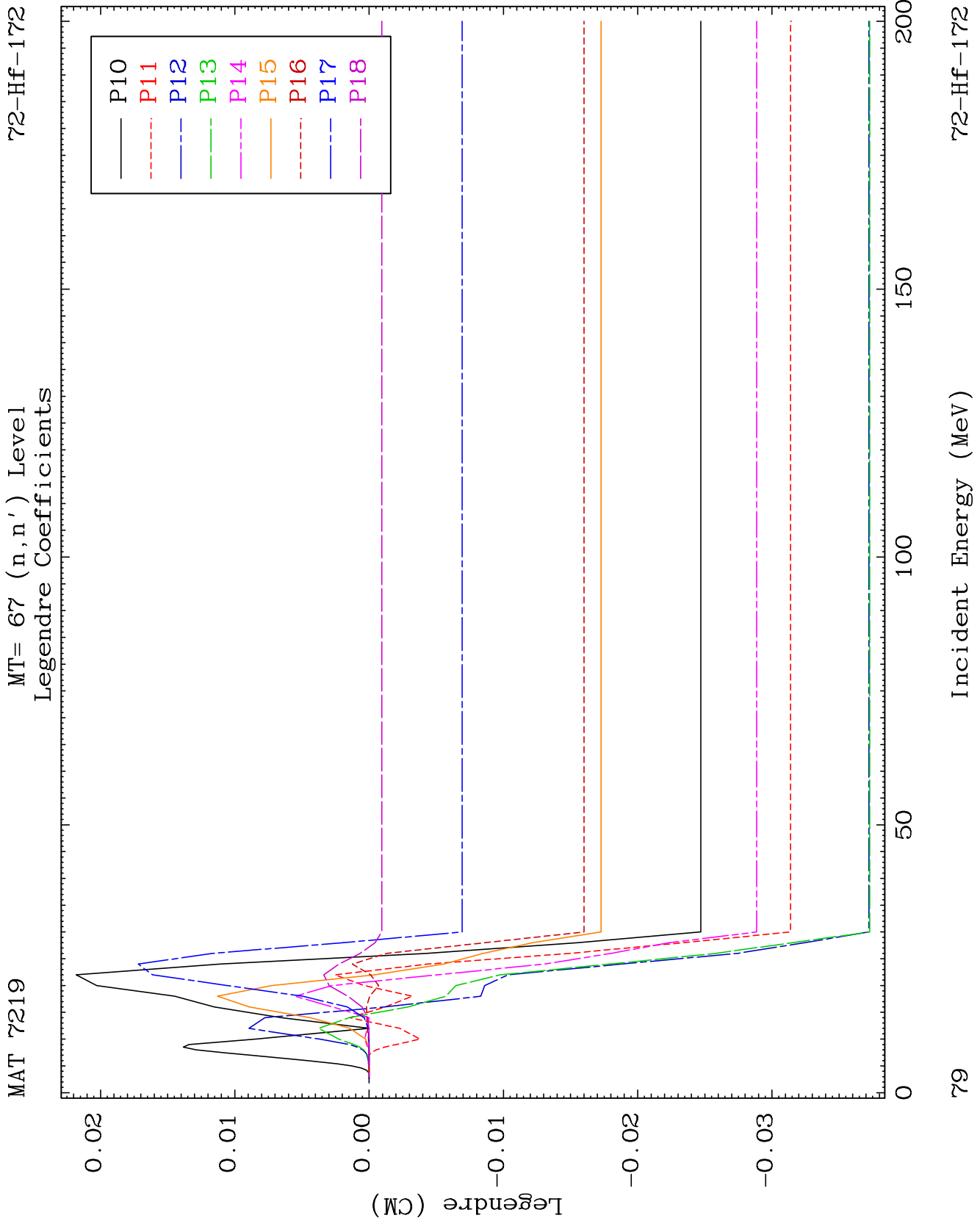


76

Incident Energy (MeV)

72-Hf-172

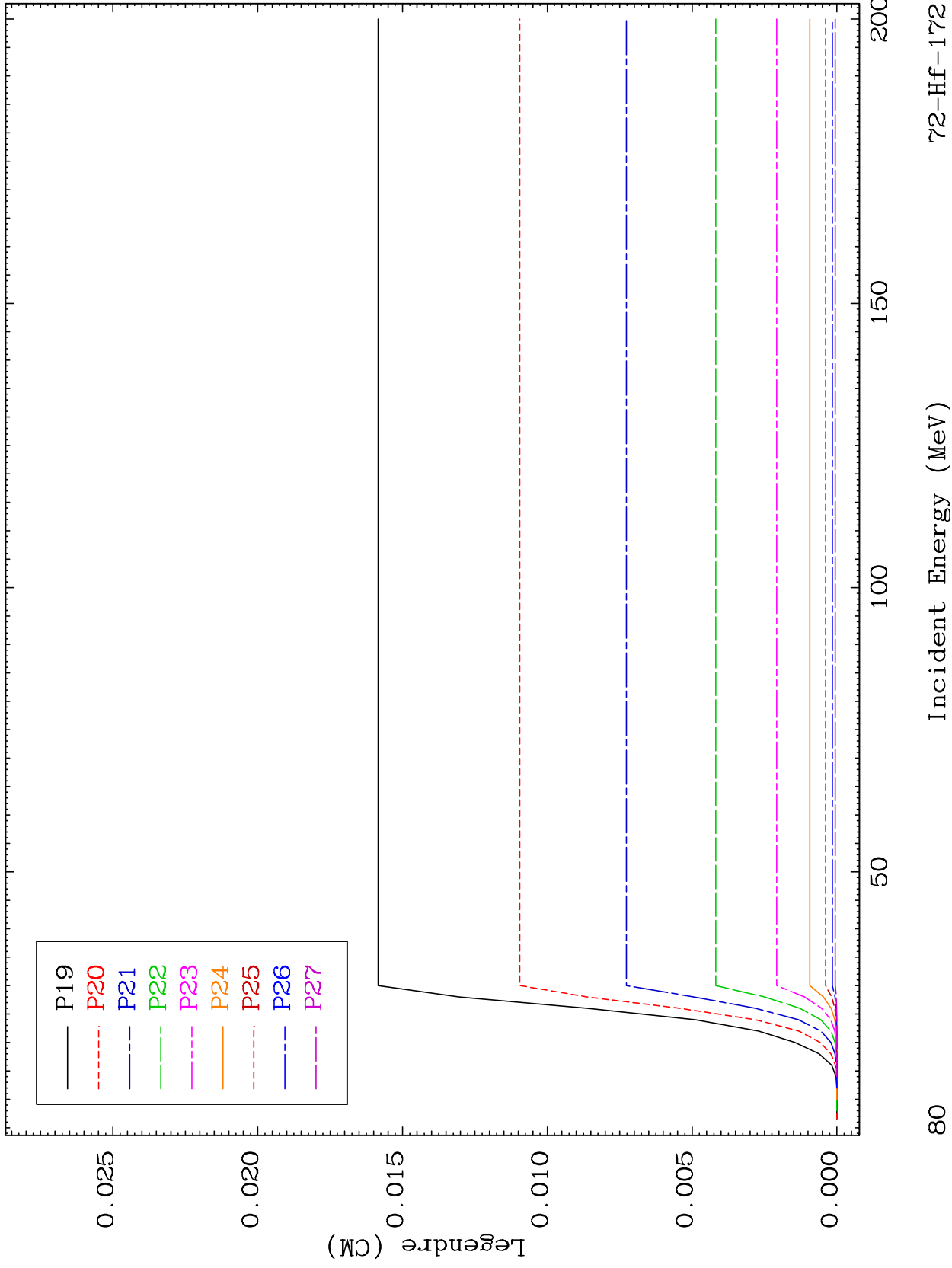




MAT 7219

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

72-Hf-172



80

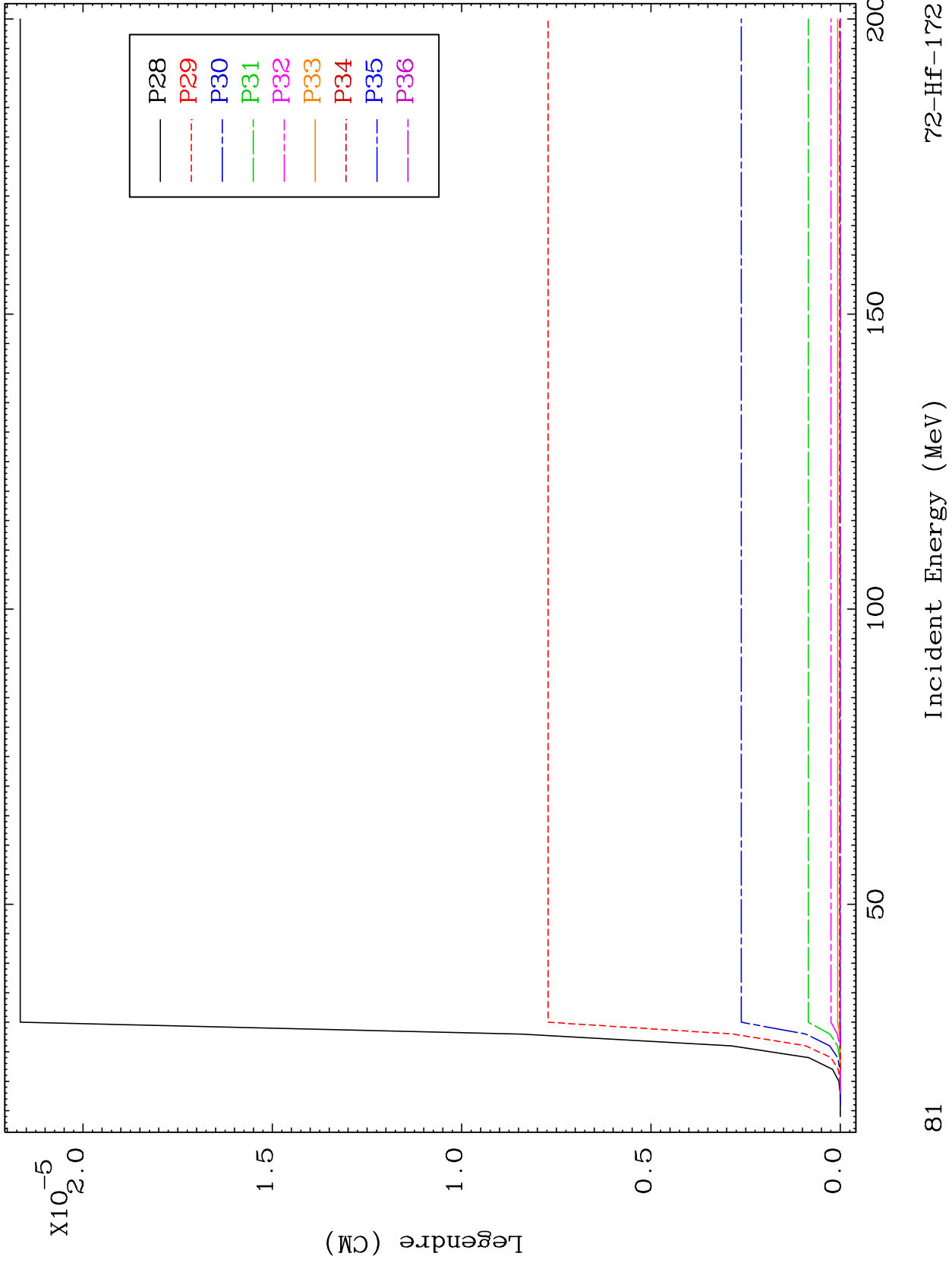
Incident Energy (MeV)

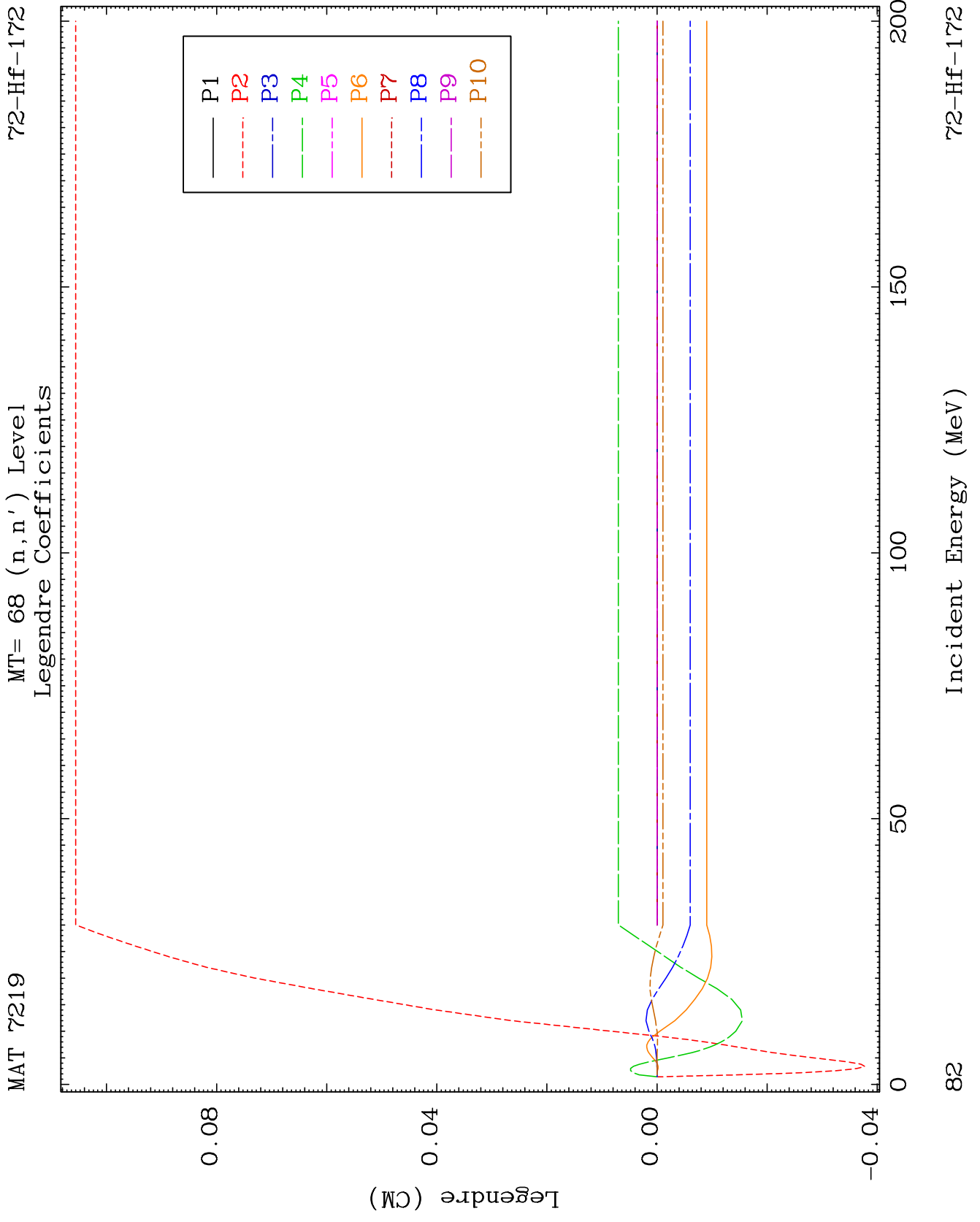
72-Hf-172

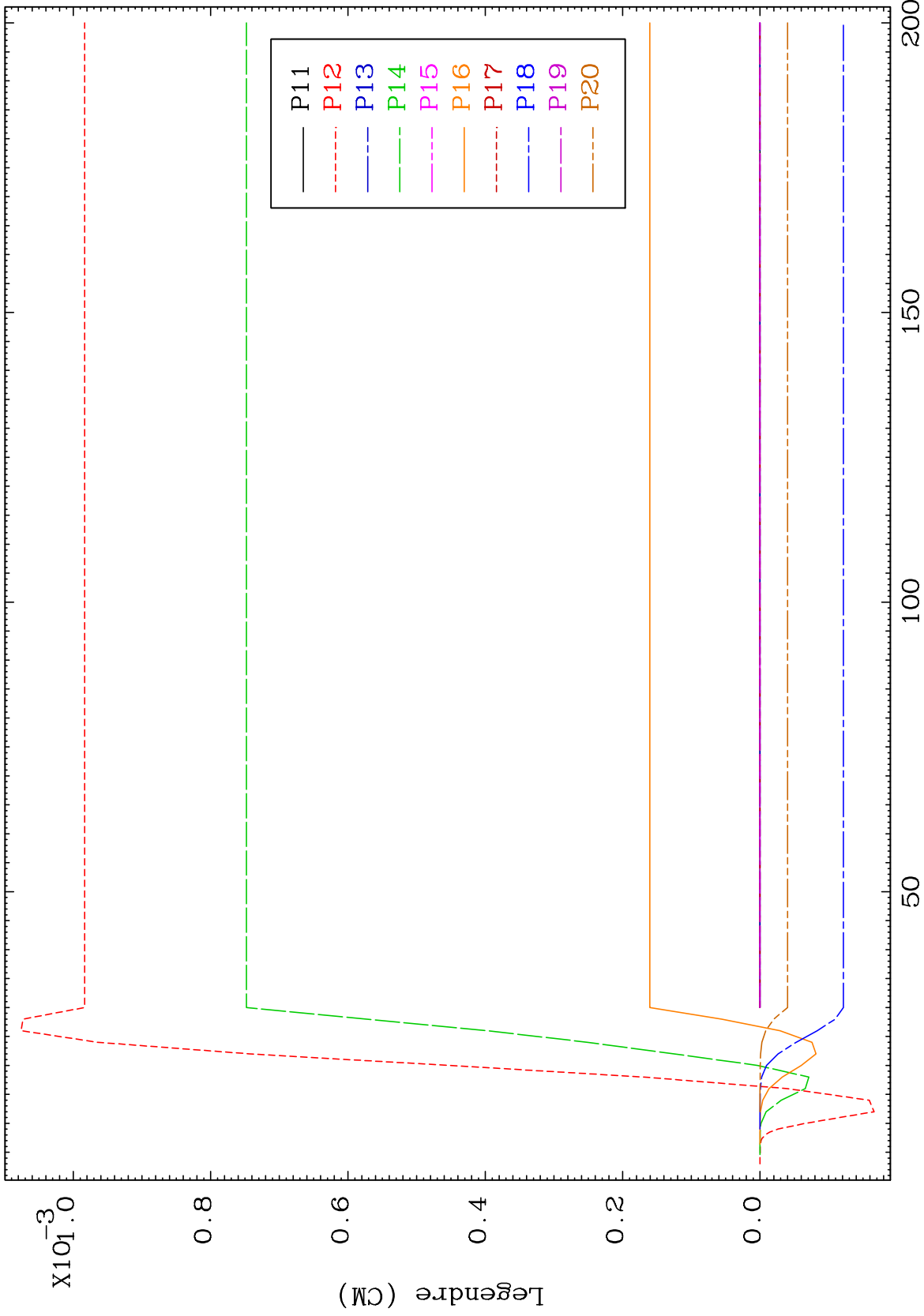
MAT 7219

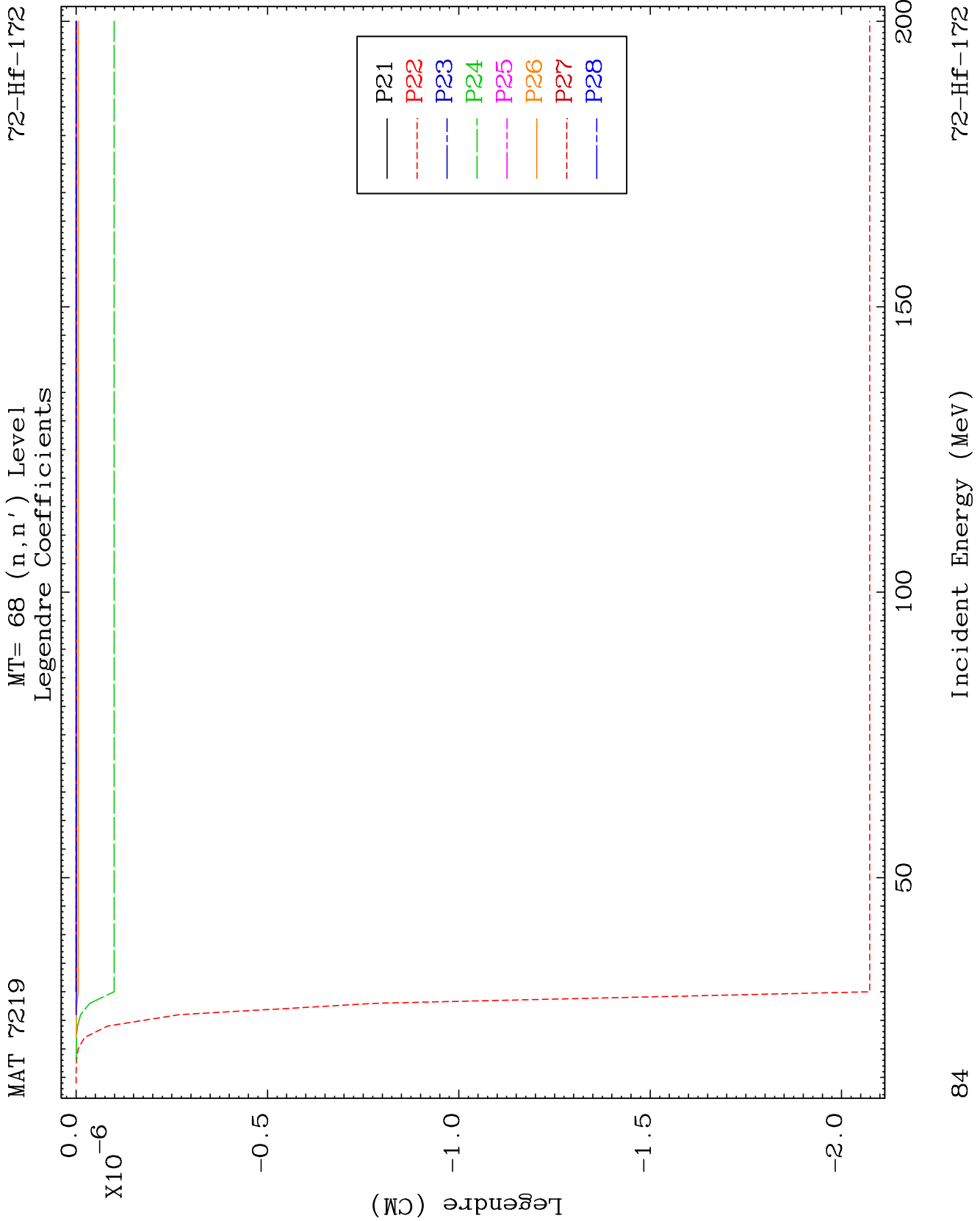
MT= 67 (n,n') Level
Legendre Coefficients

72-Hf-172





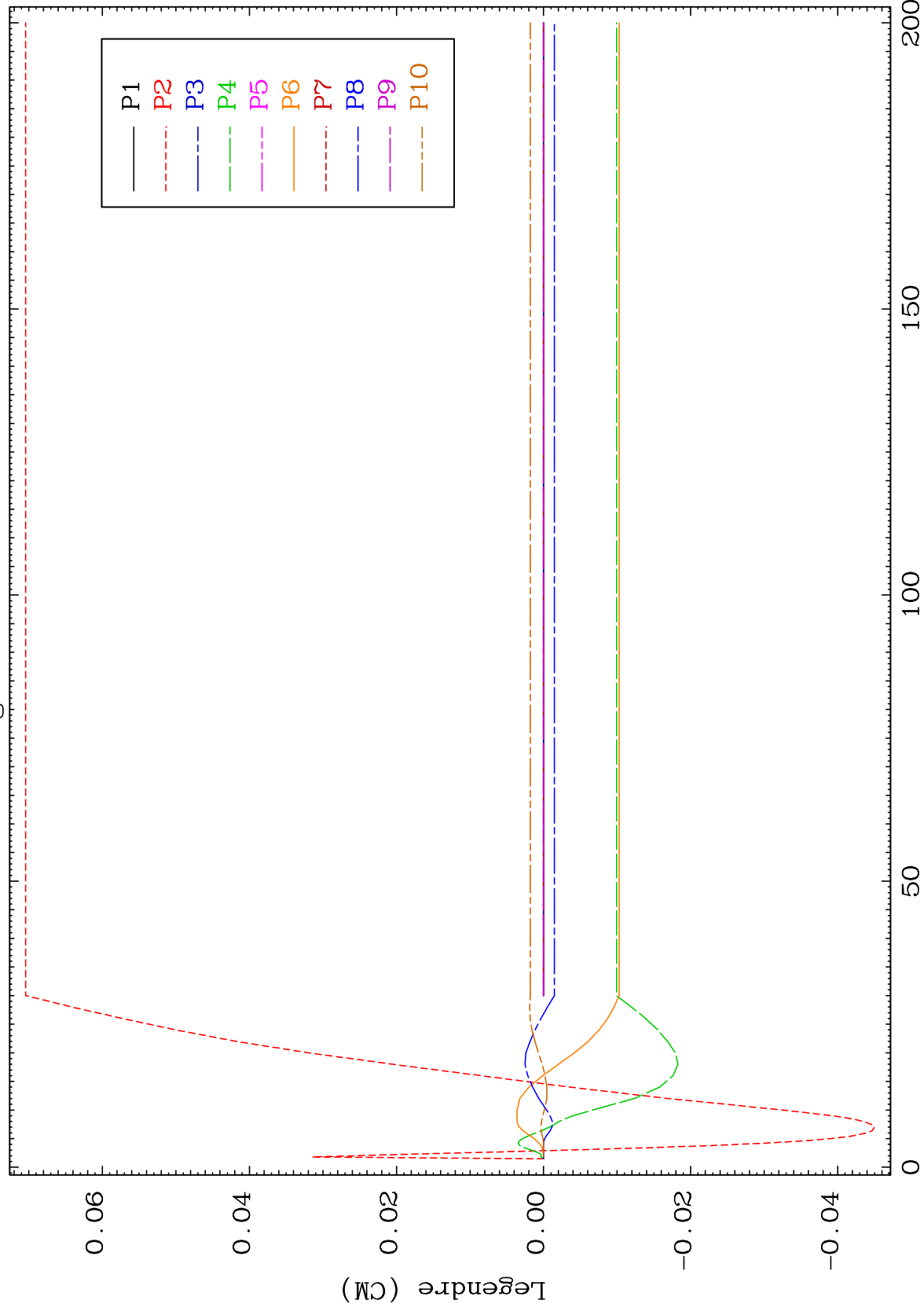




MAT 7219

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

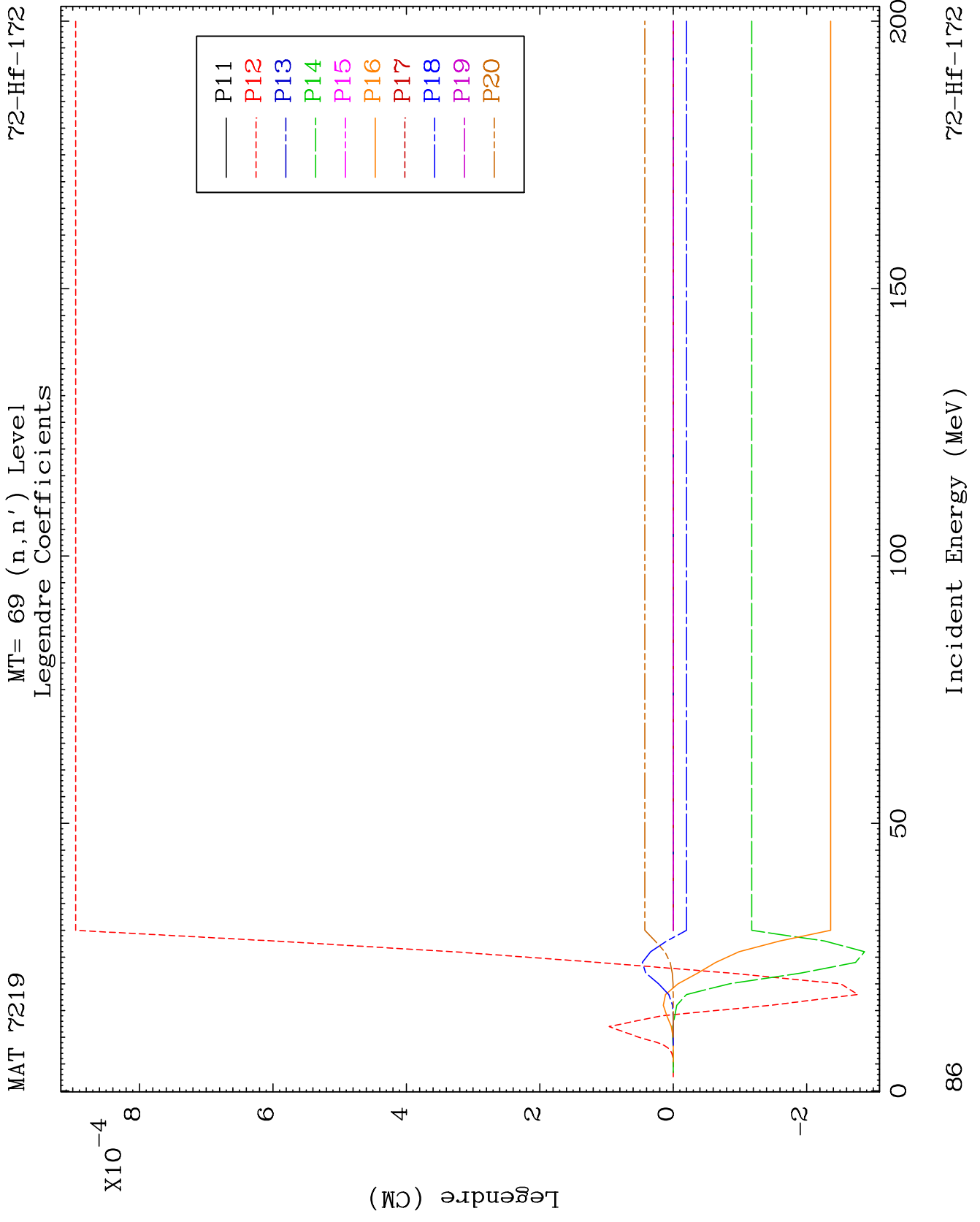
72-Hf-172



72-Hf-172

Incident Energy (MeV)

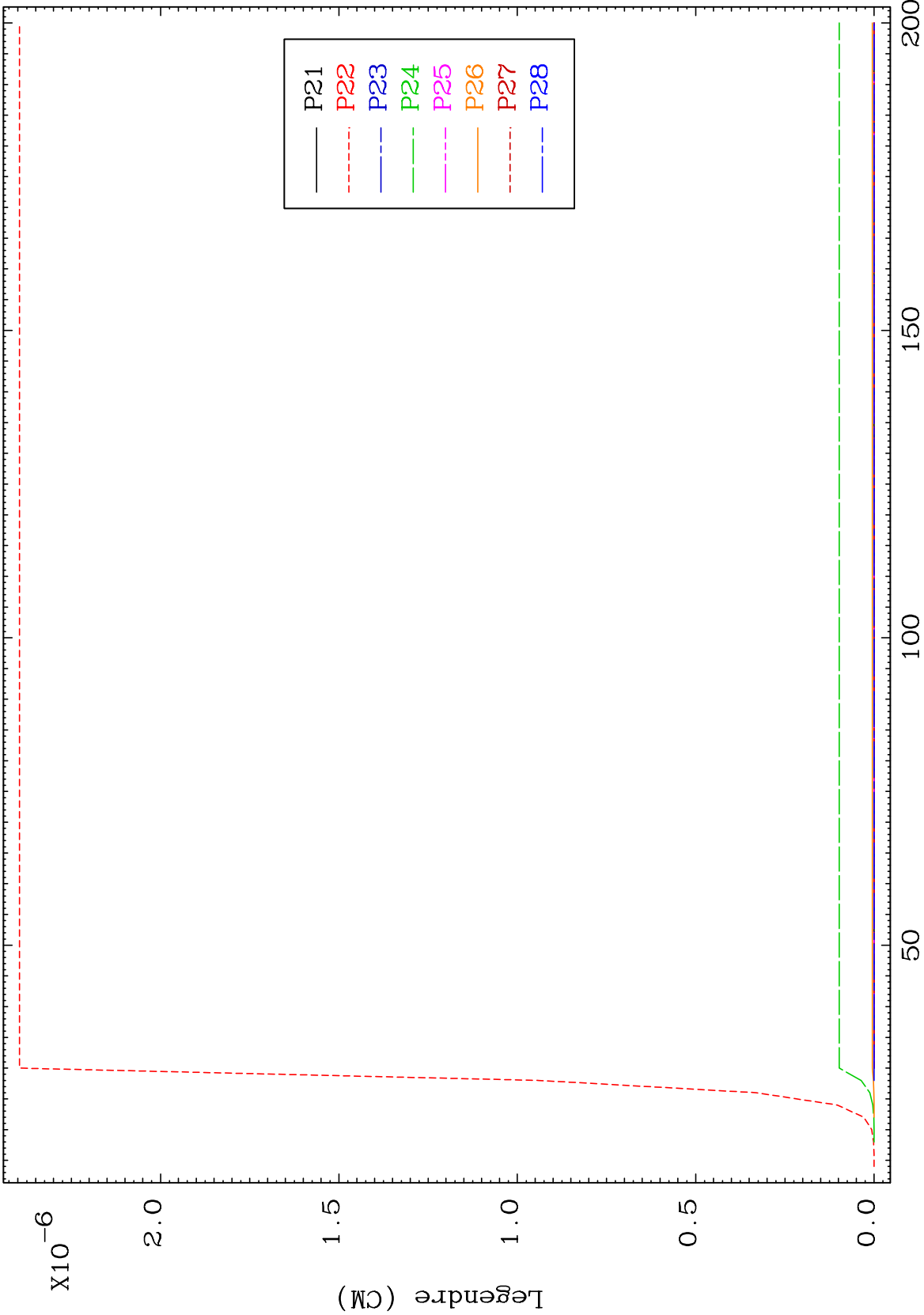
85



MAT 7219

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

72-Hf-172



87

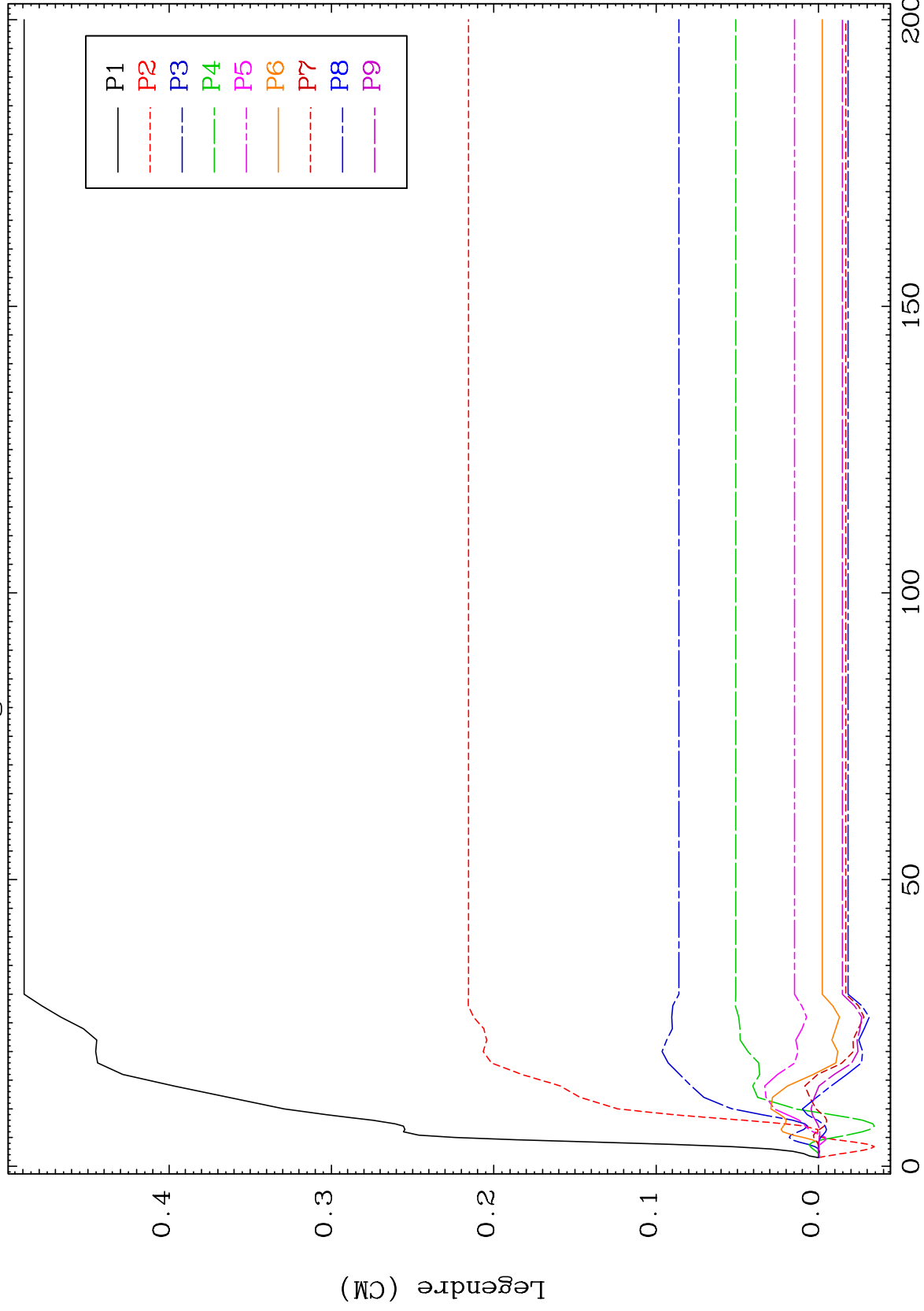
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



88

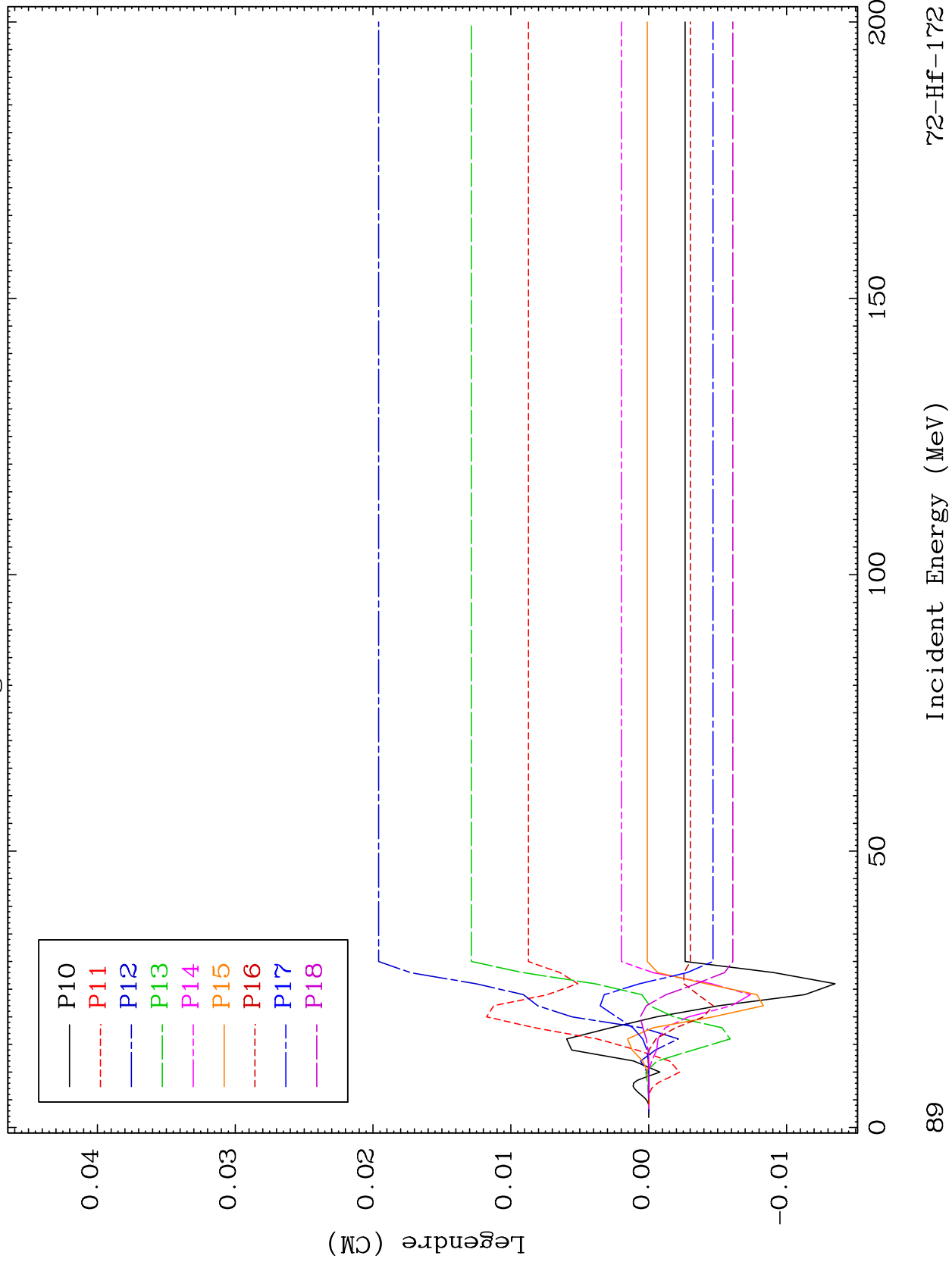
Incident Energy (MeV)

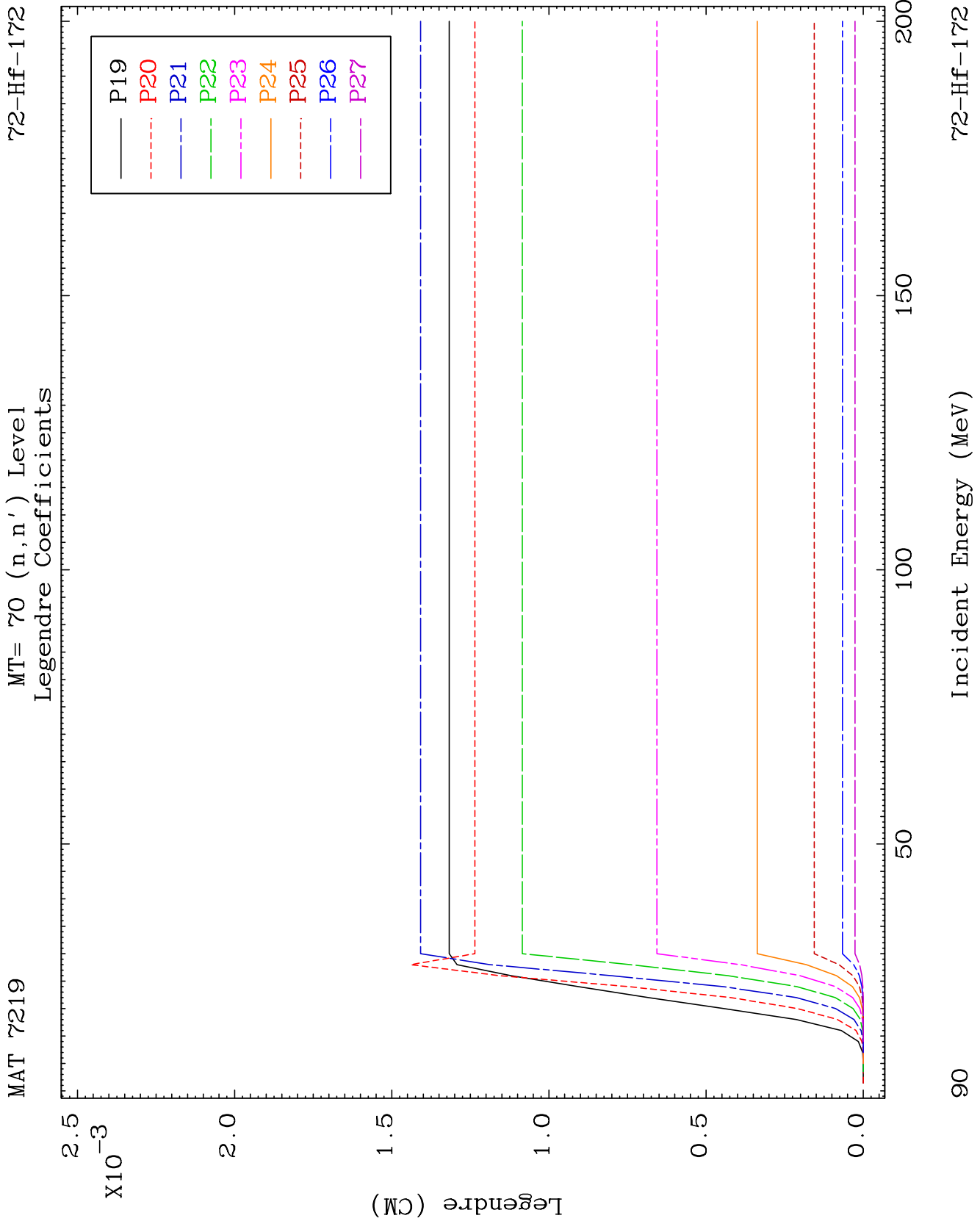
72-Hf-172

MAT 7219

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

72-Hf-172

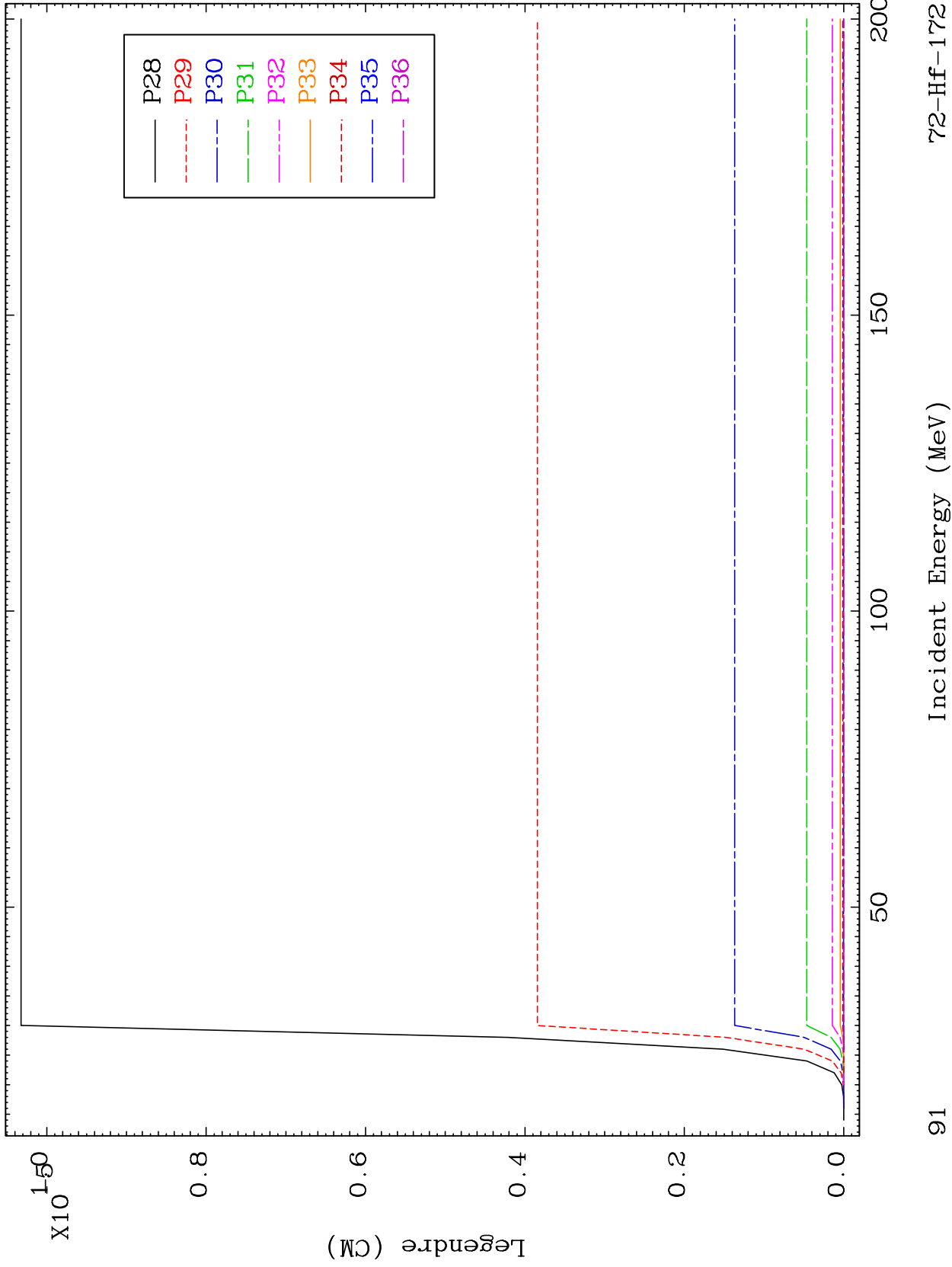




MAT 7219

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

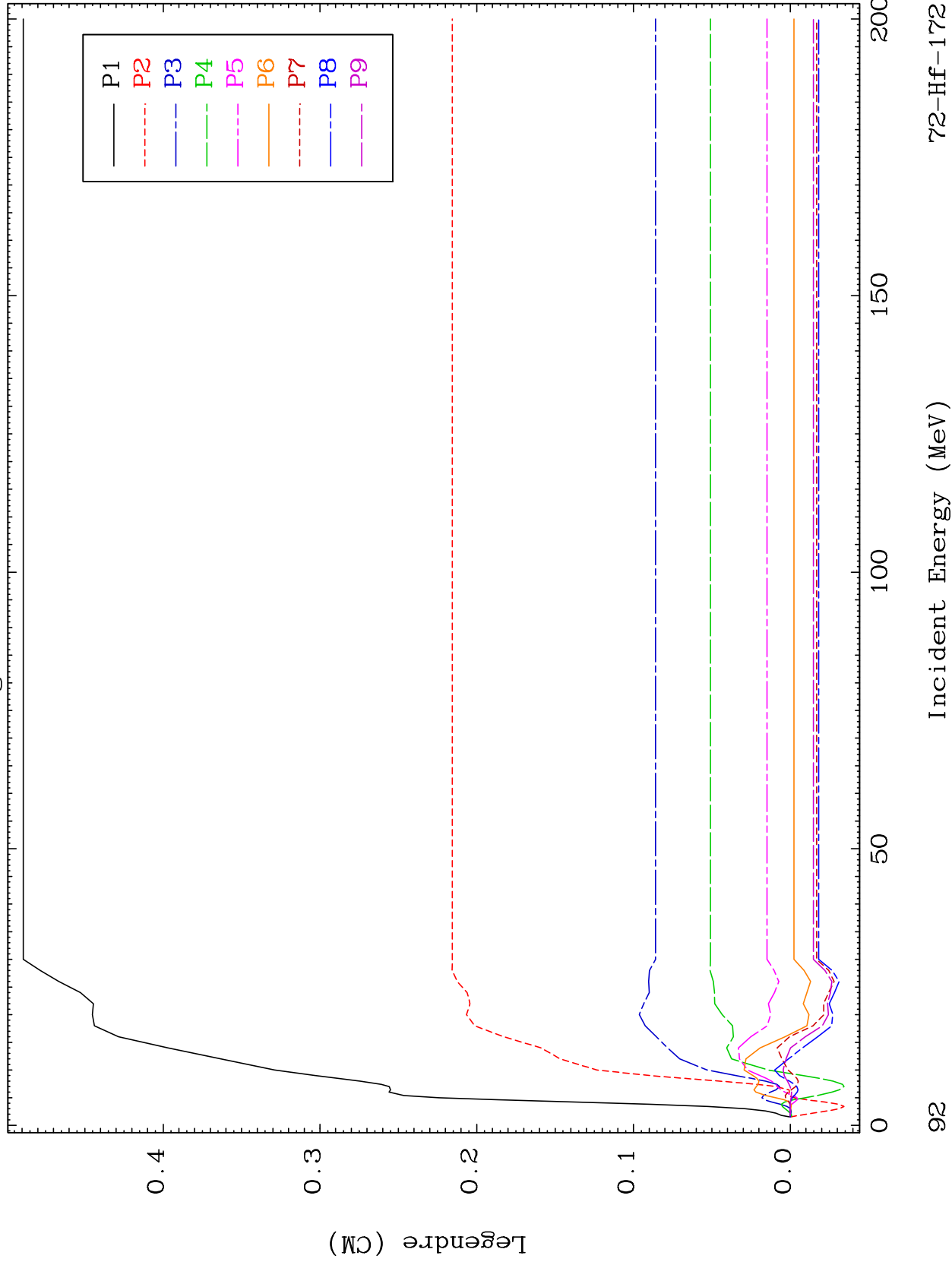
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

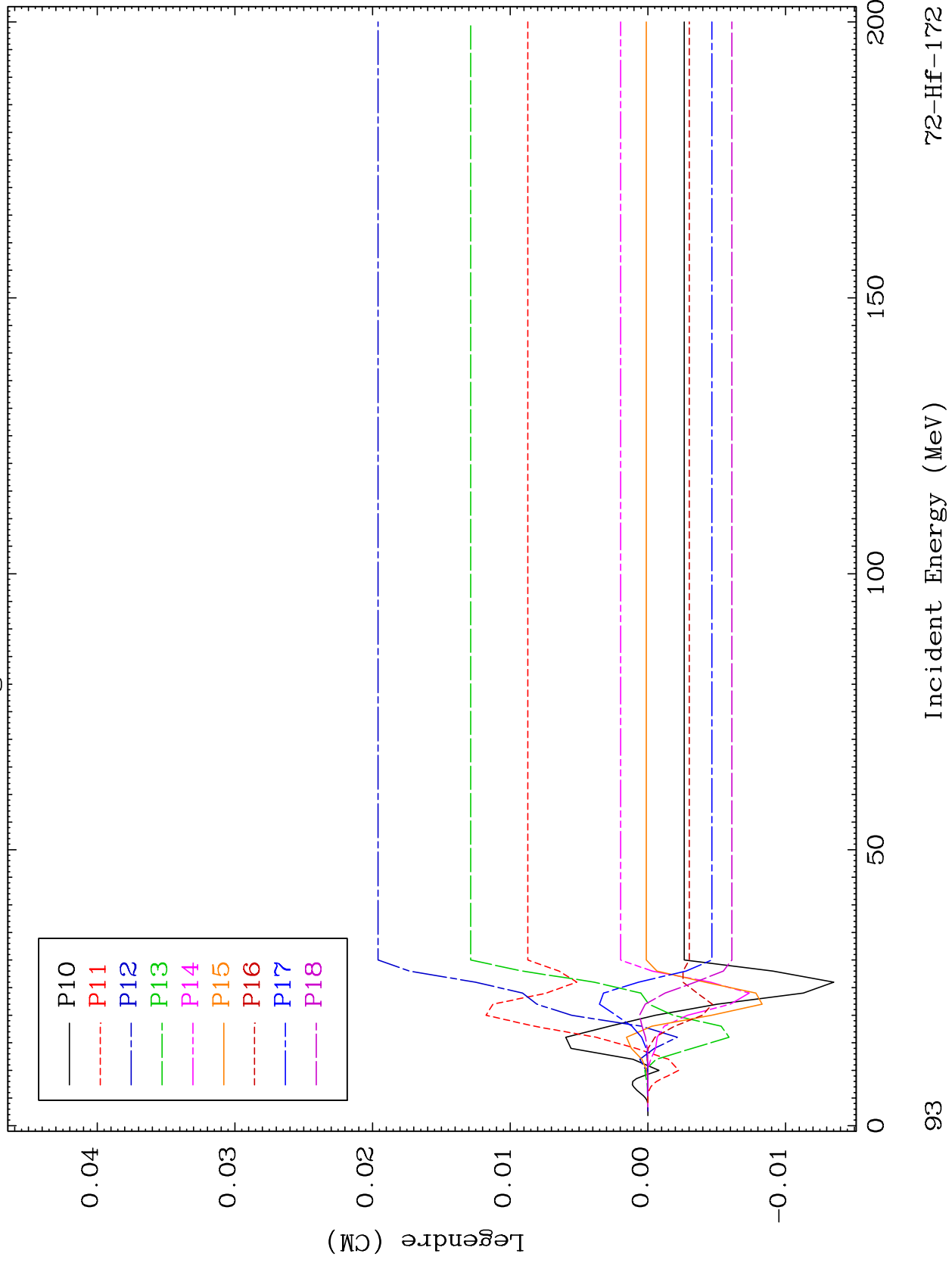
Incident Energy (MeV)

92

MAT 7219

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

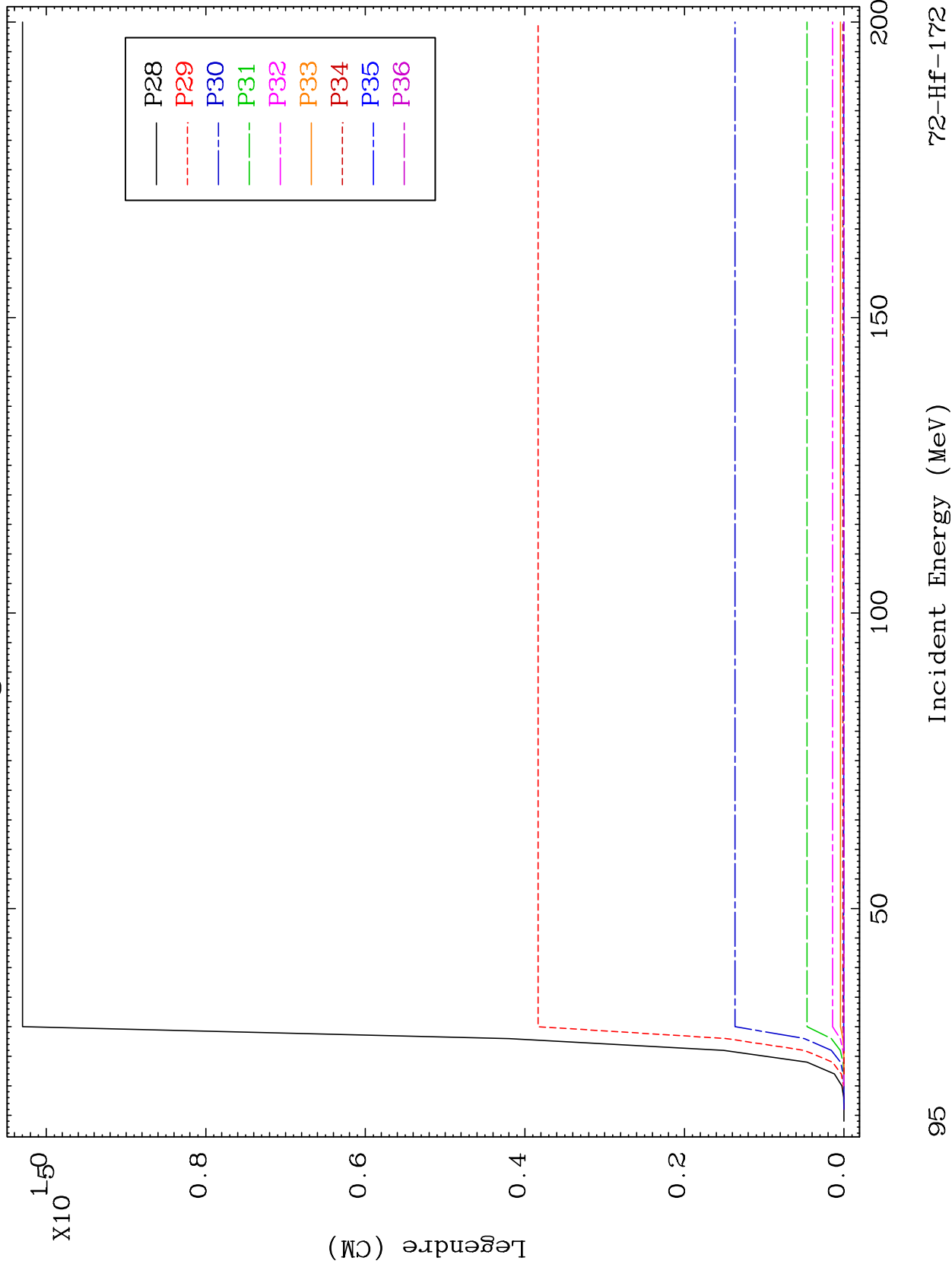
72-Hf-172



MAT 7219

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

72-Hf-172



95

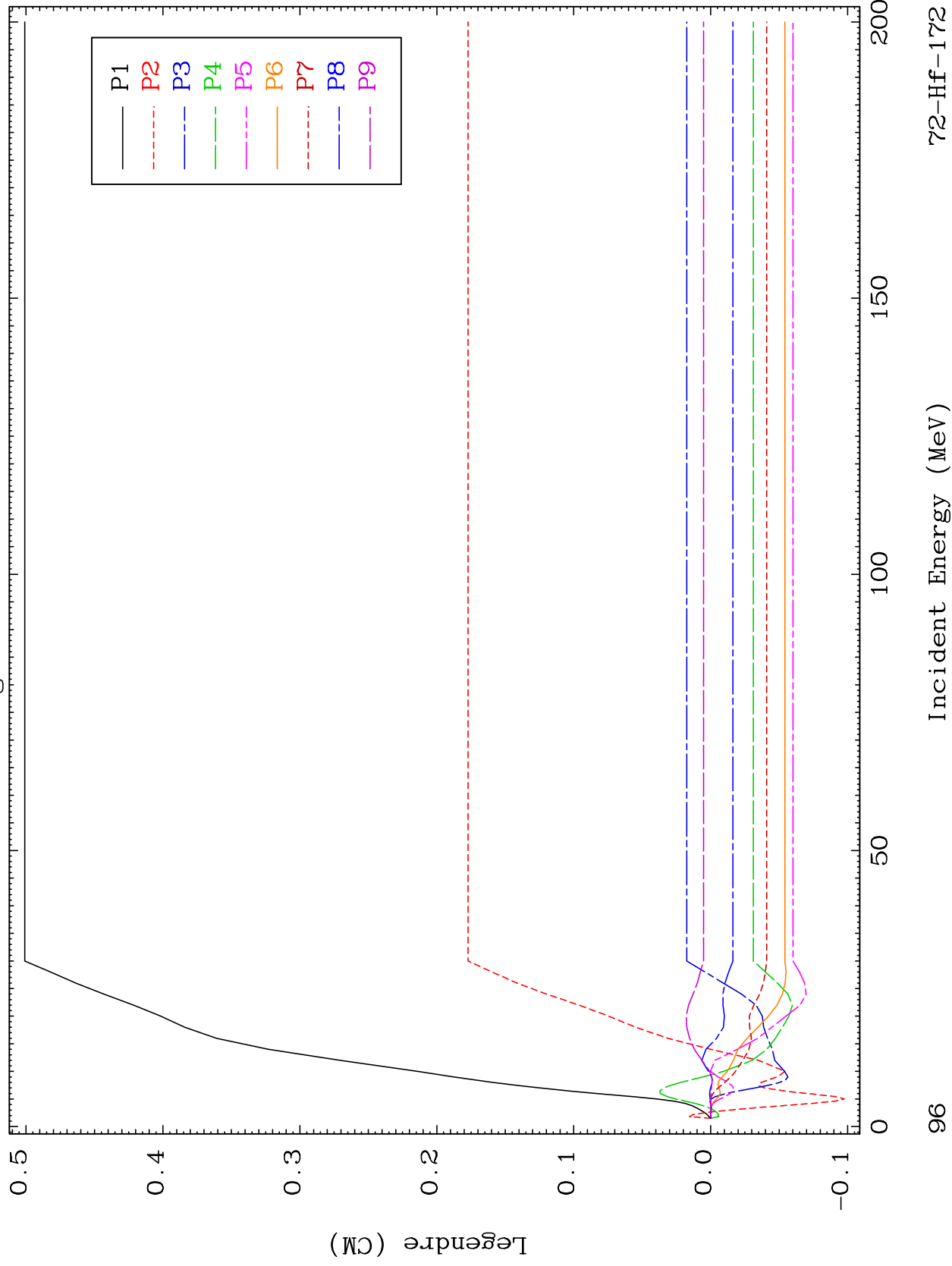
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



72-Hf-172

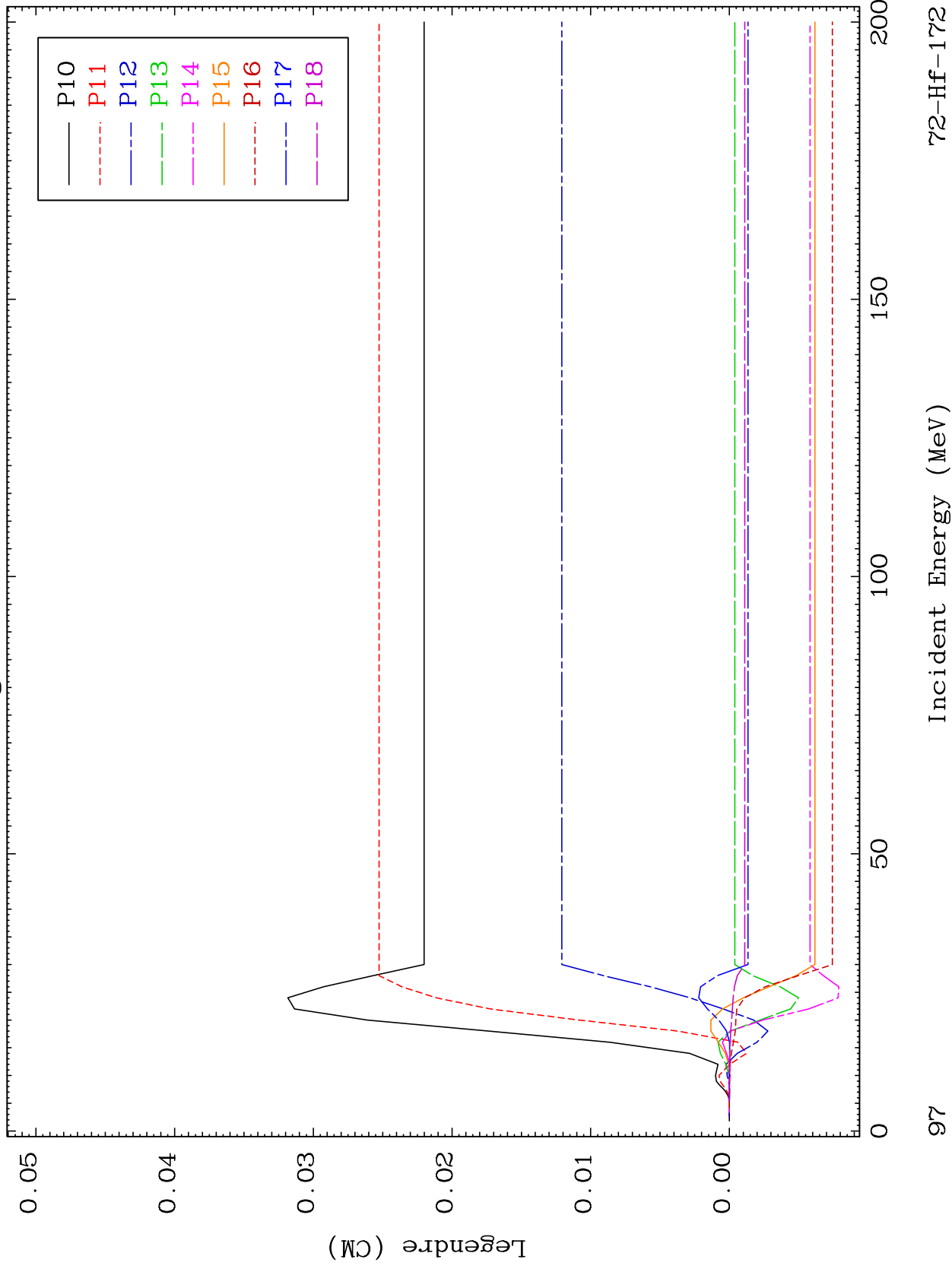
Incident Energy (MeV)

96

MAT 7219

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

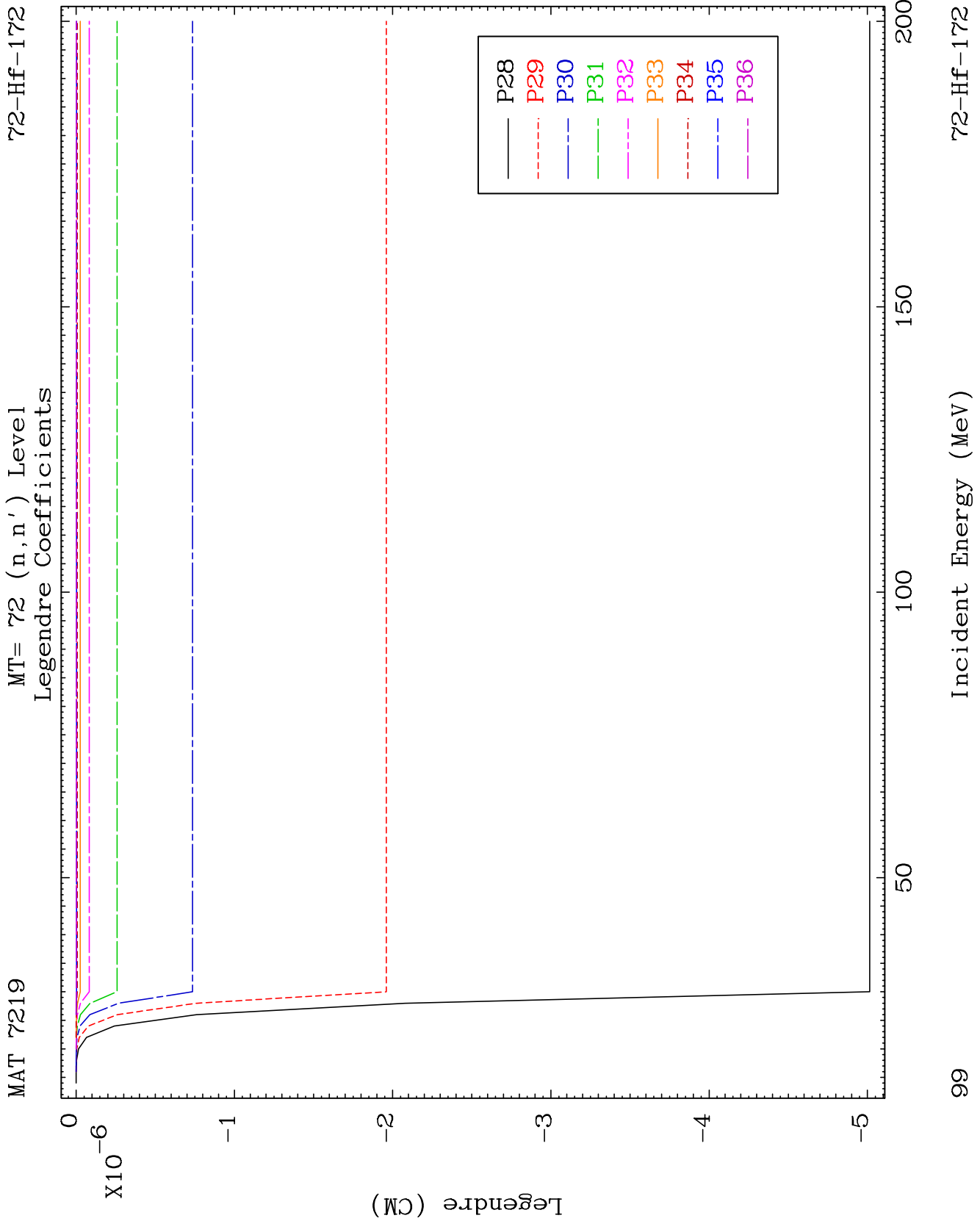
72-Hf-172



97

Incident Energy (MeV)

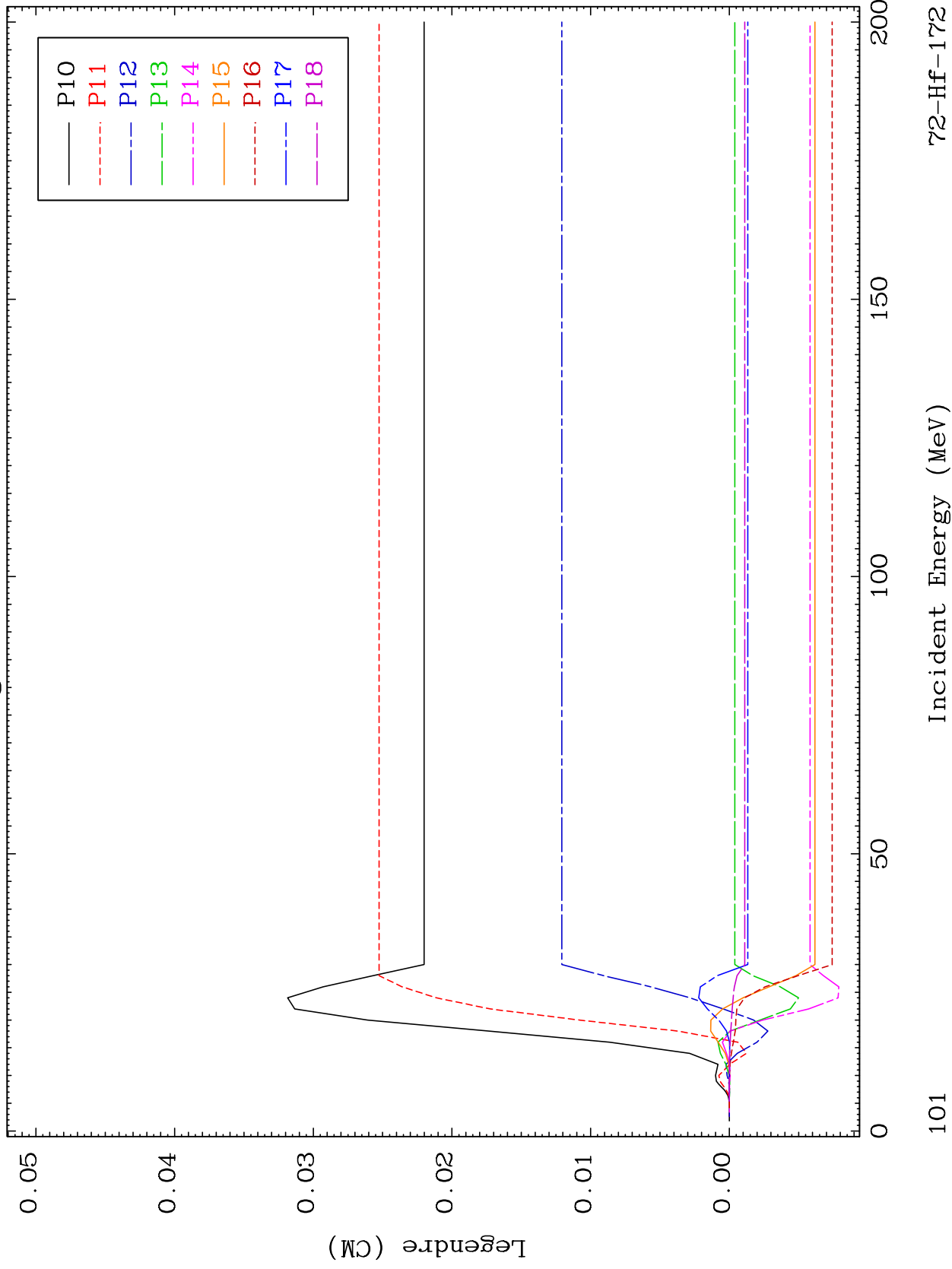
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

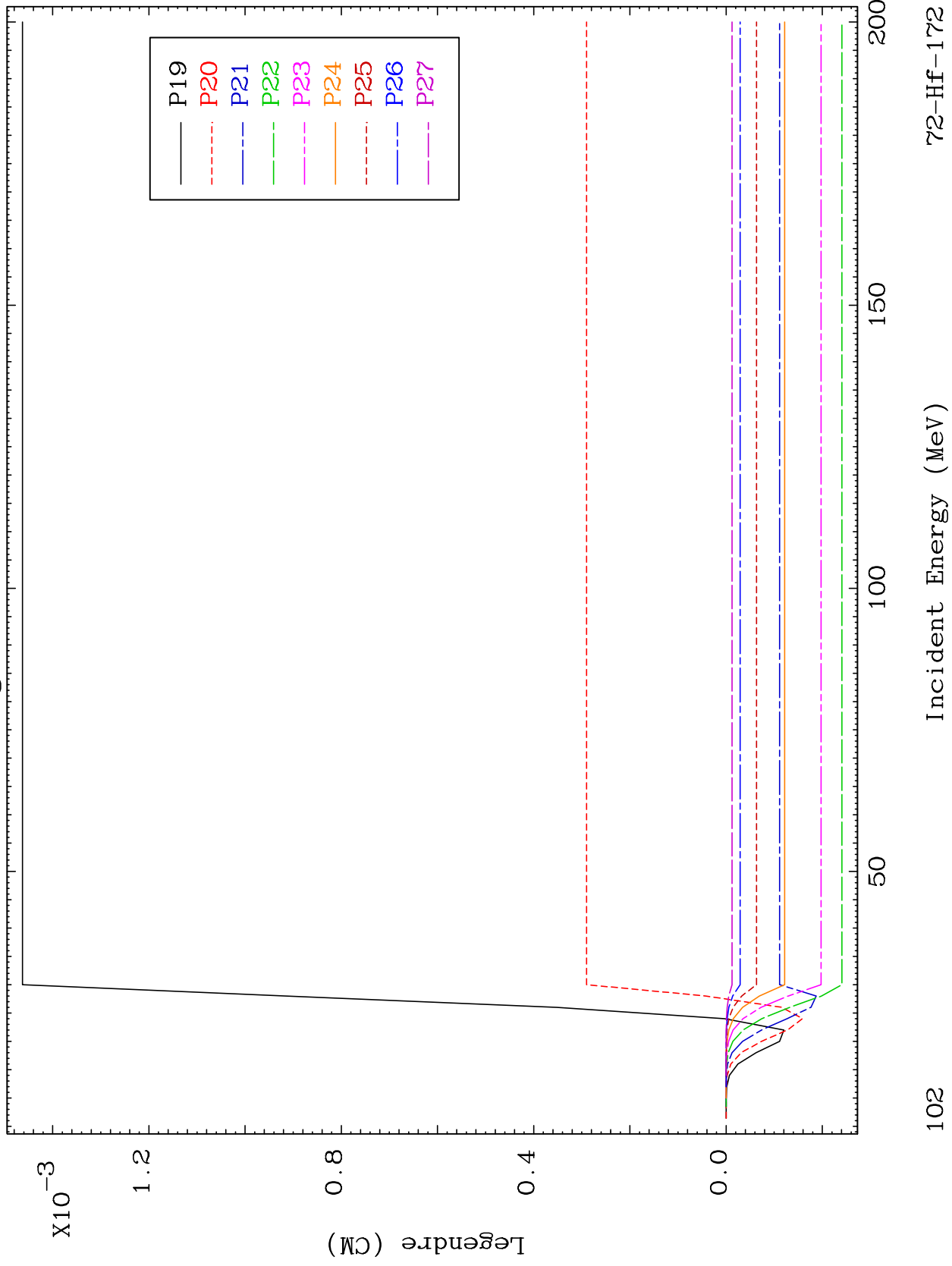
Incident Energy (MeV)

101

MAT 7219

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

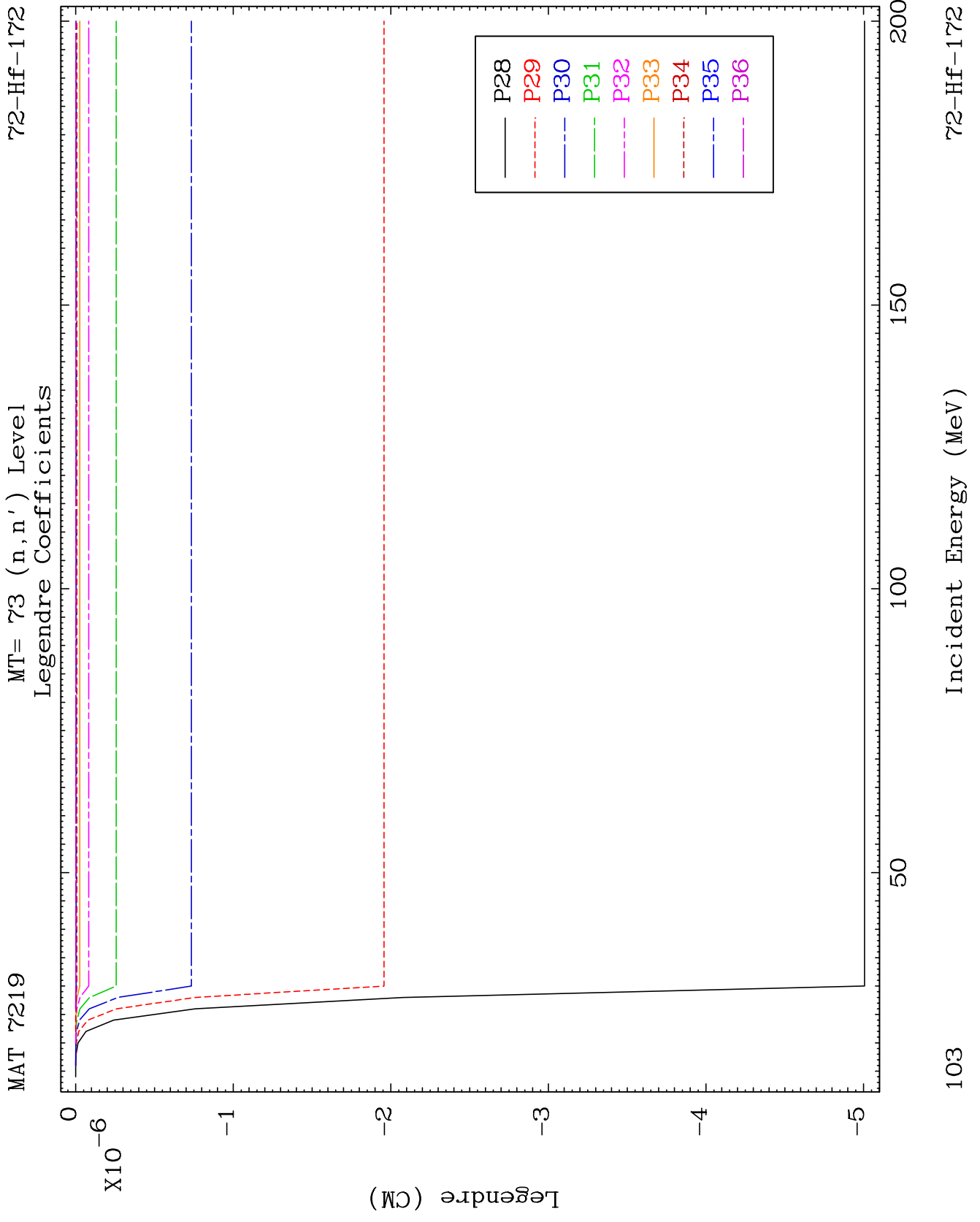
72-Hf-172



102

Incident Energy (MeV)

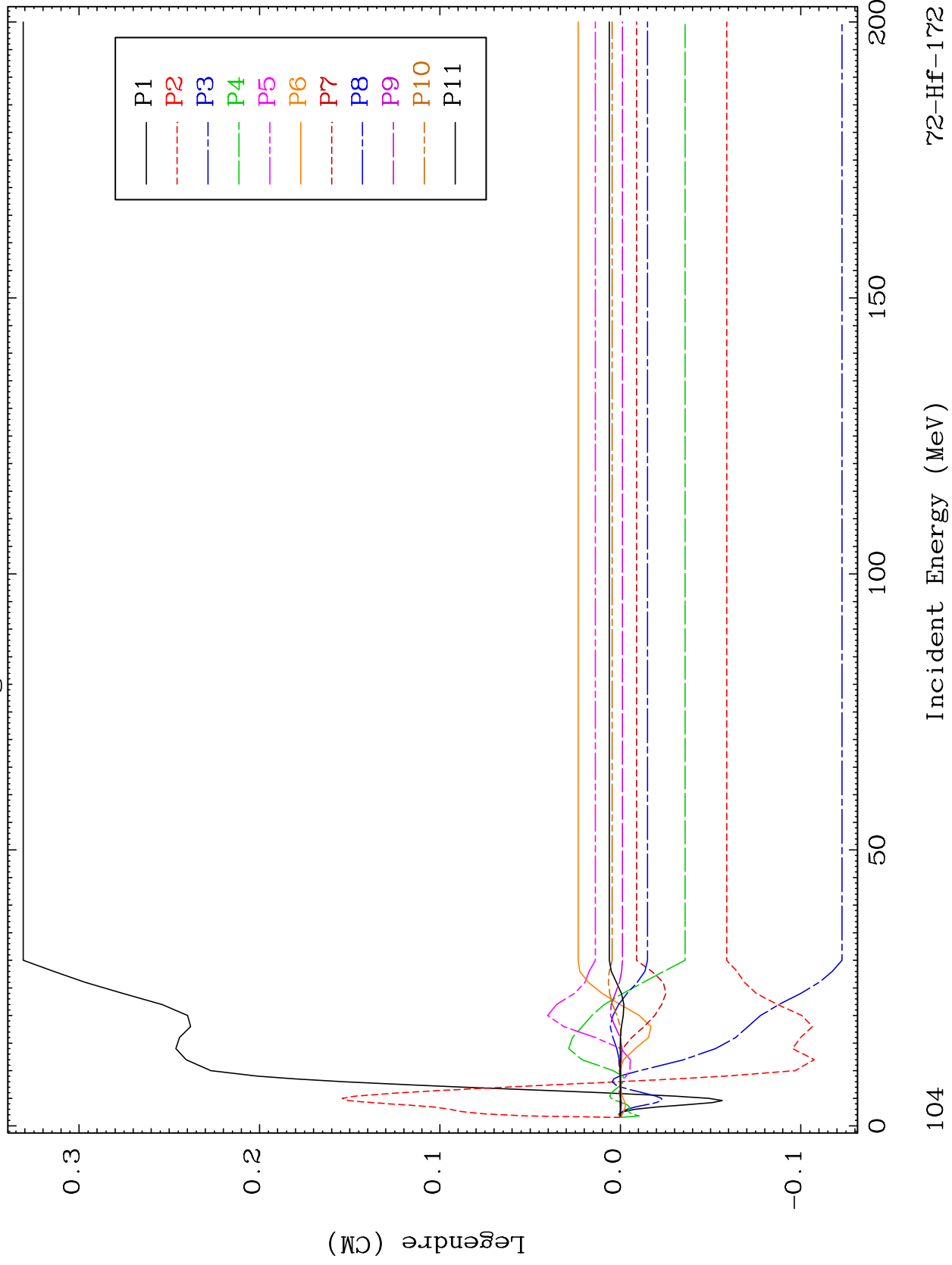
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

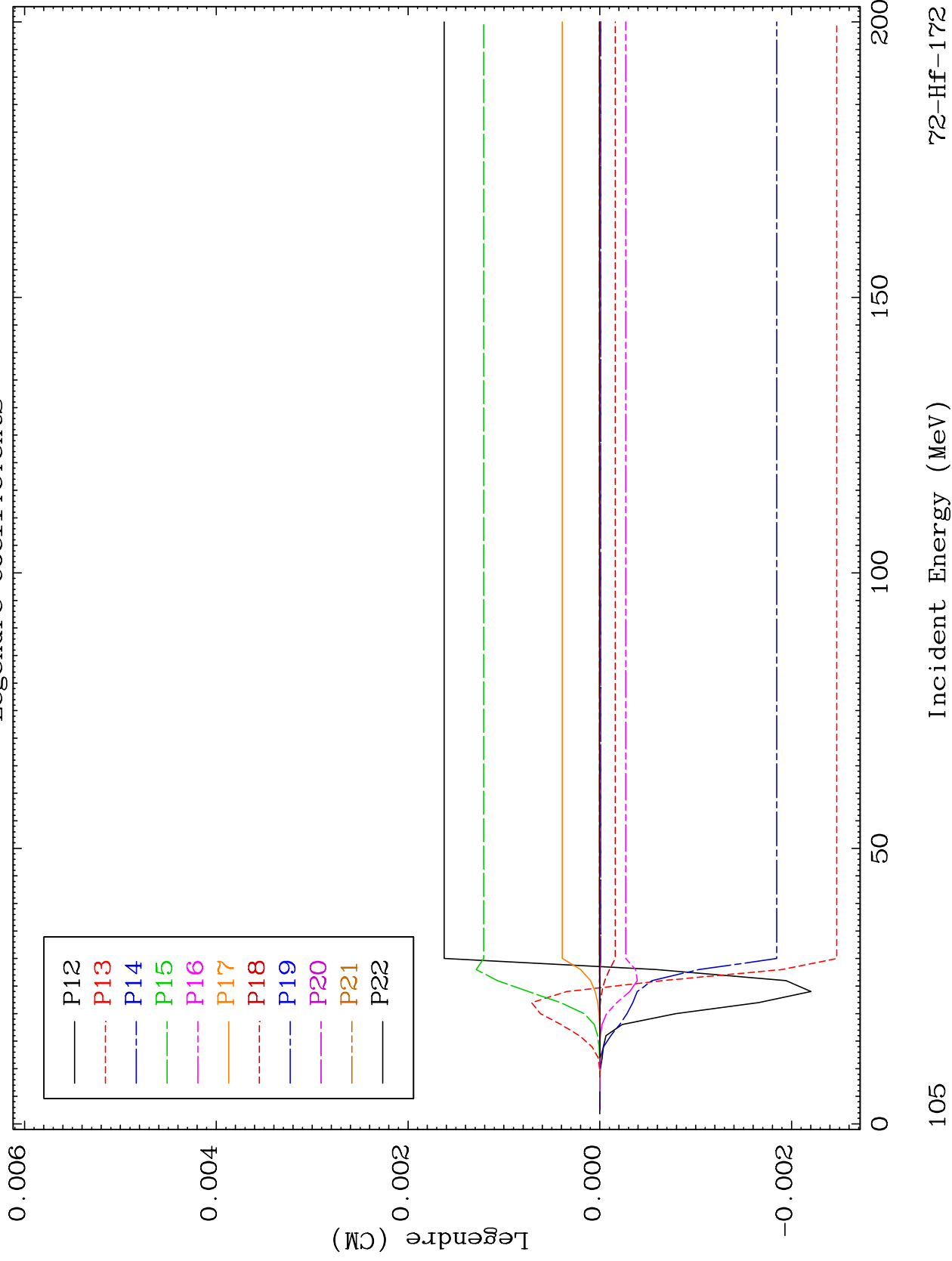
Incident Energy (MeV)

104

MAT 7219

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

72-Hf-172



72-Hf-172

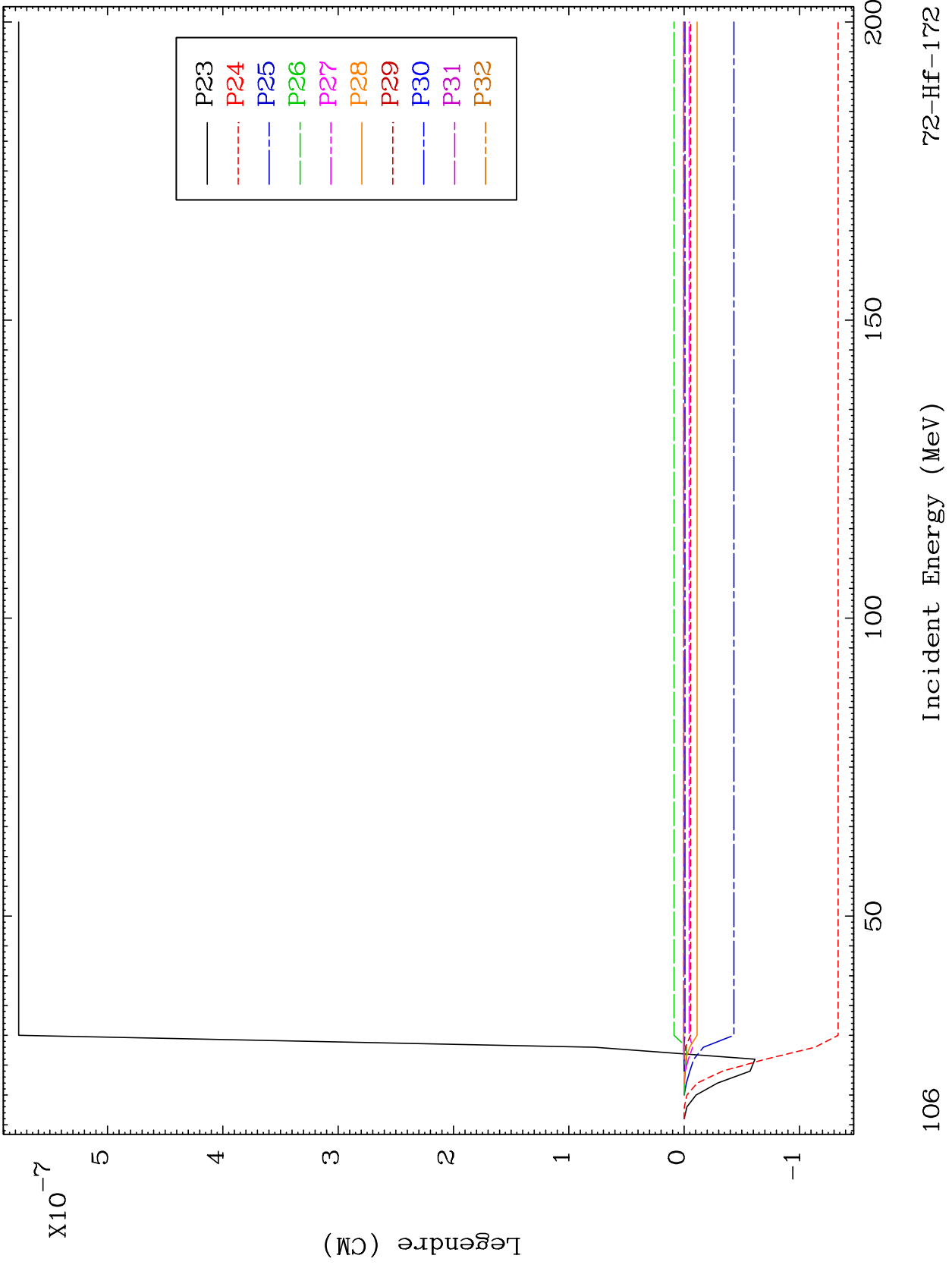
Incident Energy (MeV)

105

MAT 7219

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

72-Hf-172



106

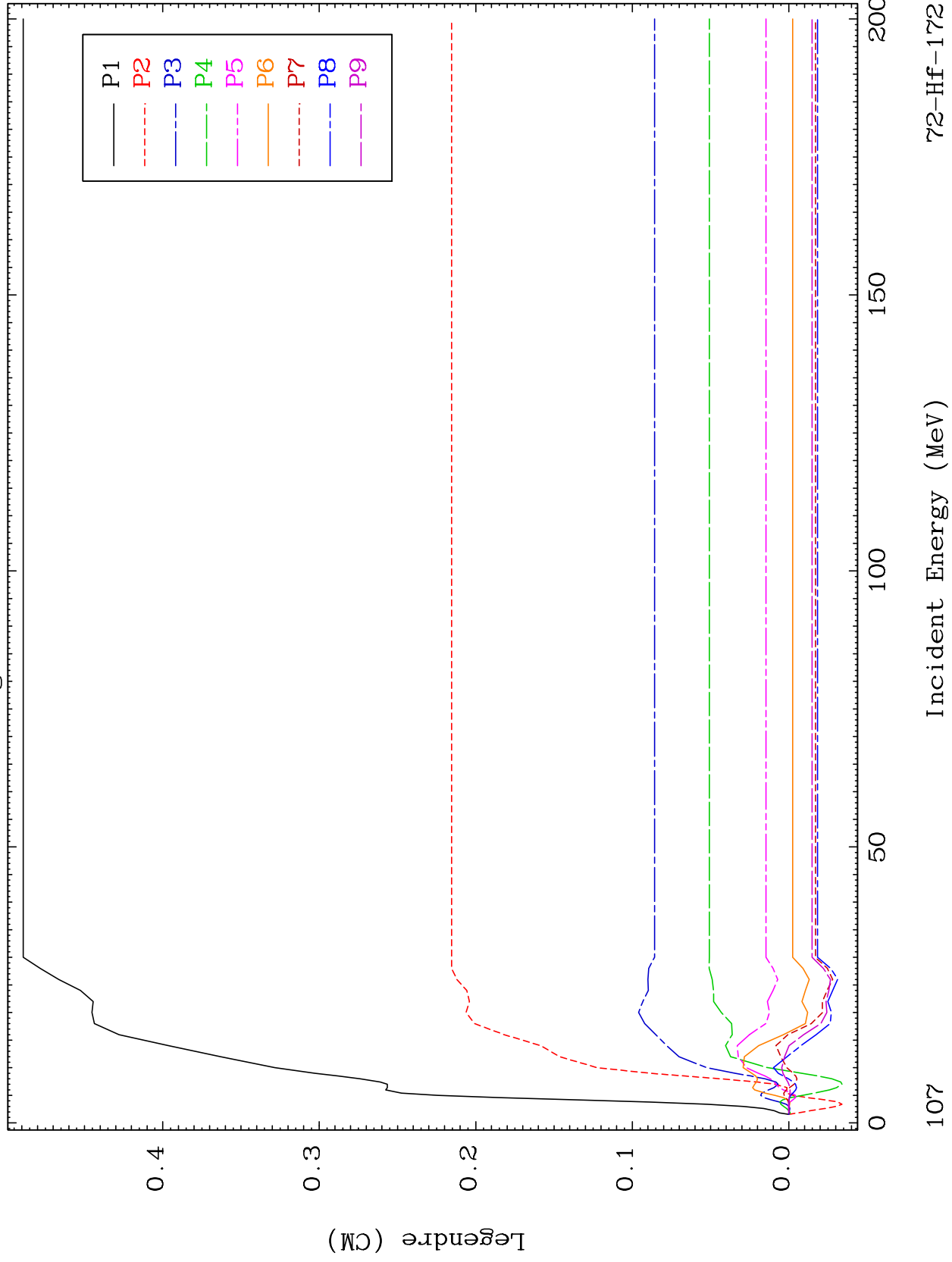
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

72-Hf-172



72-Hf-172

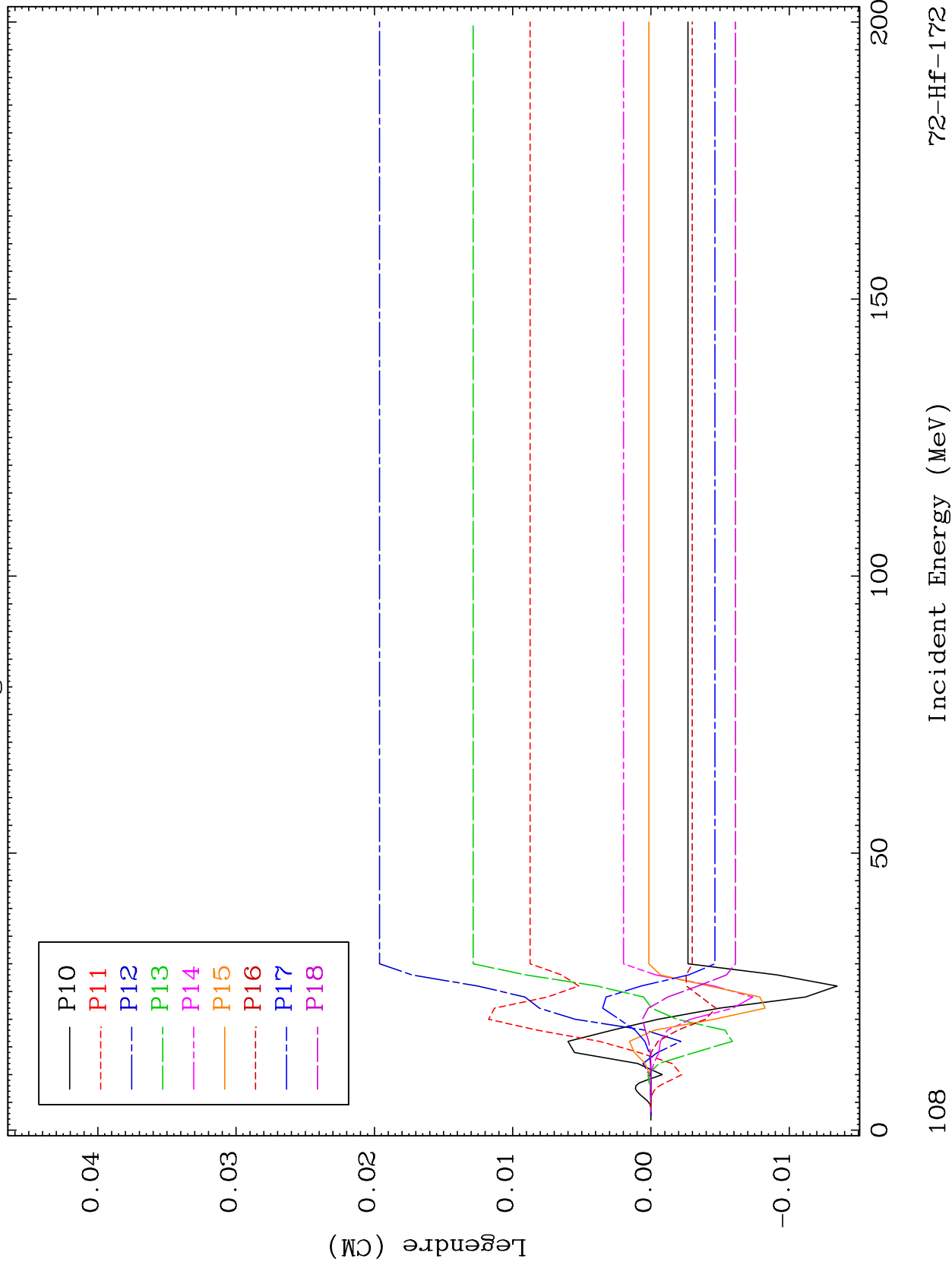
Incident Energy (MeV)

107

MAT 7219

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

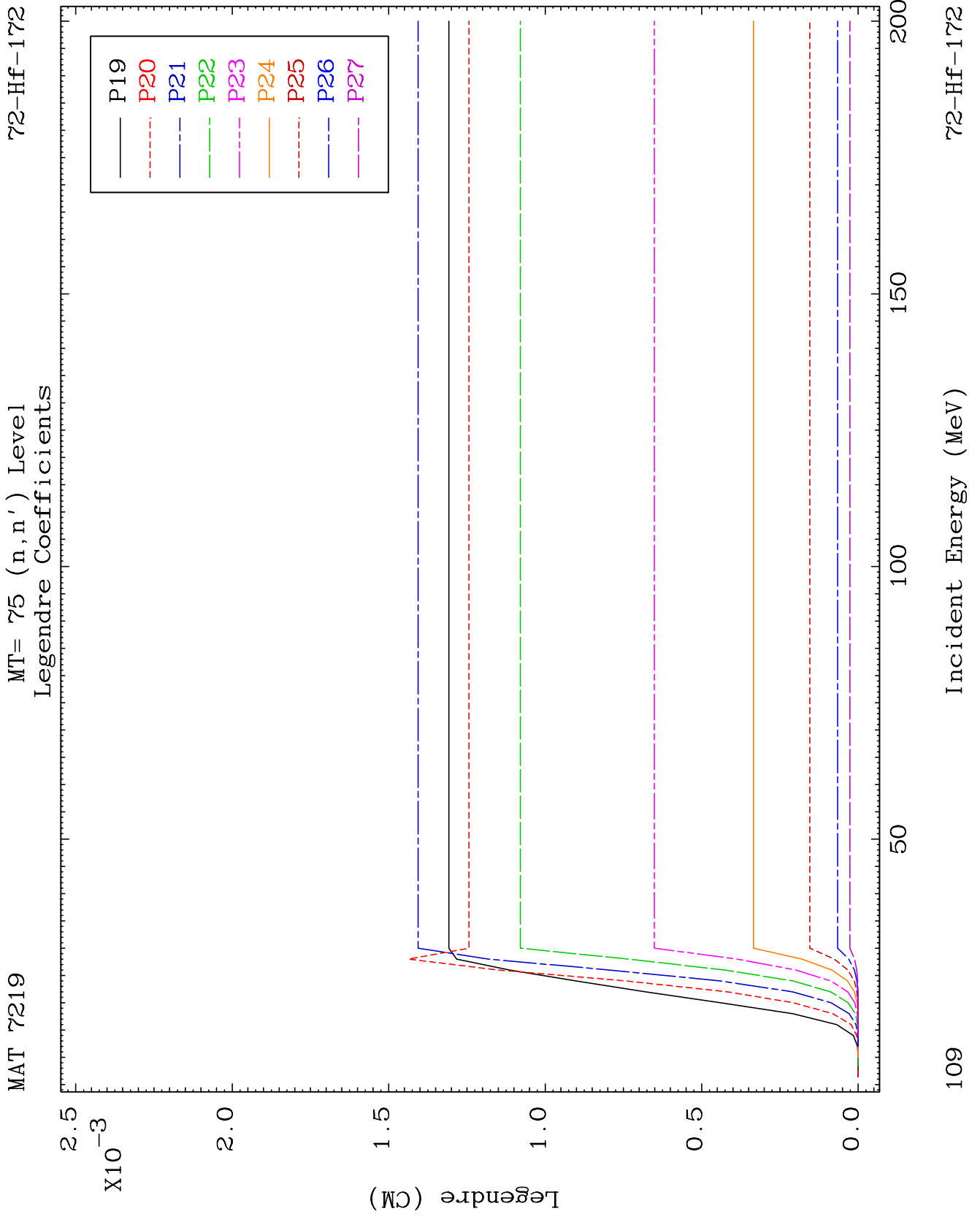
72-Hf-172



108

Incident Energy (MeV)

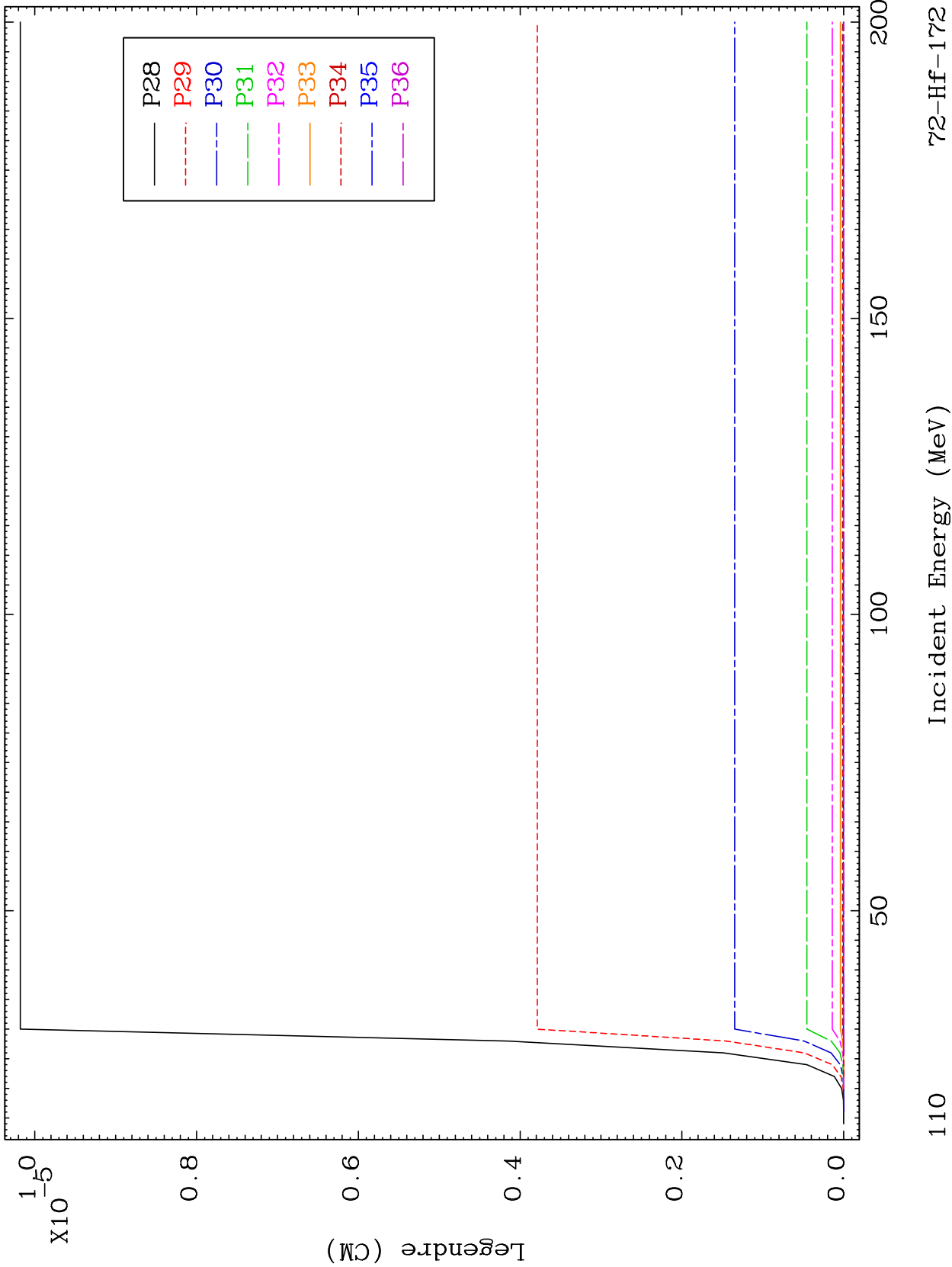
72-Hf-172



MAT 7219

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

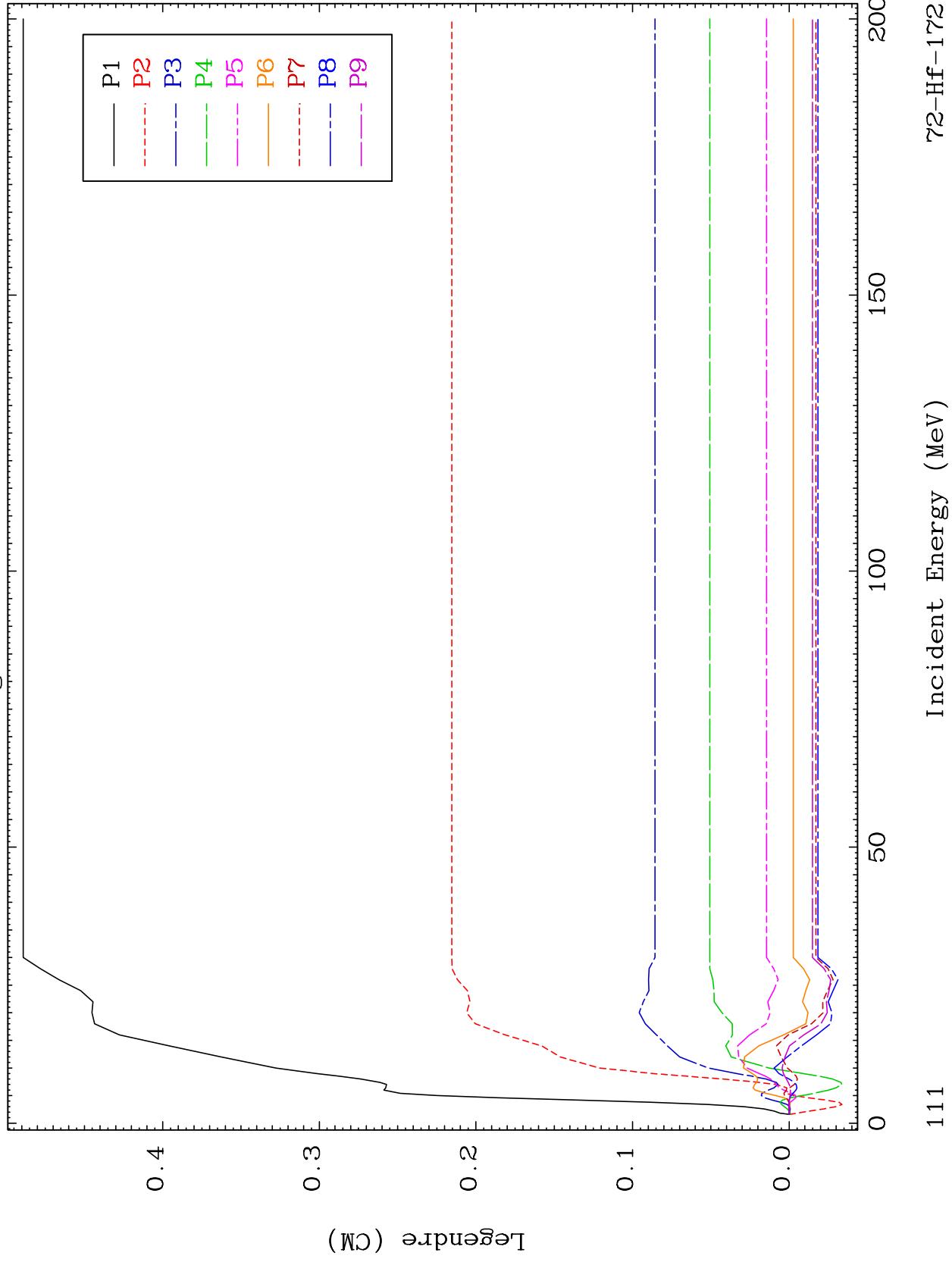
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

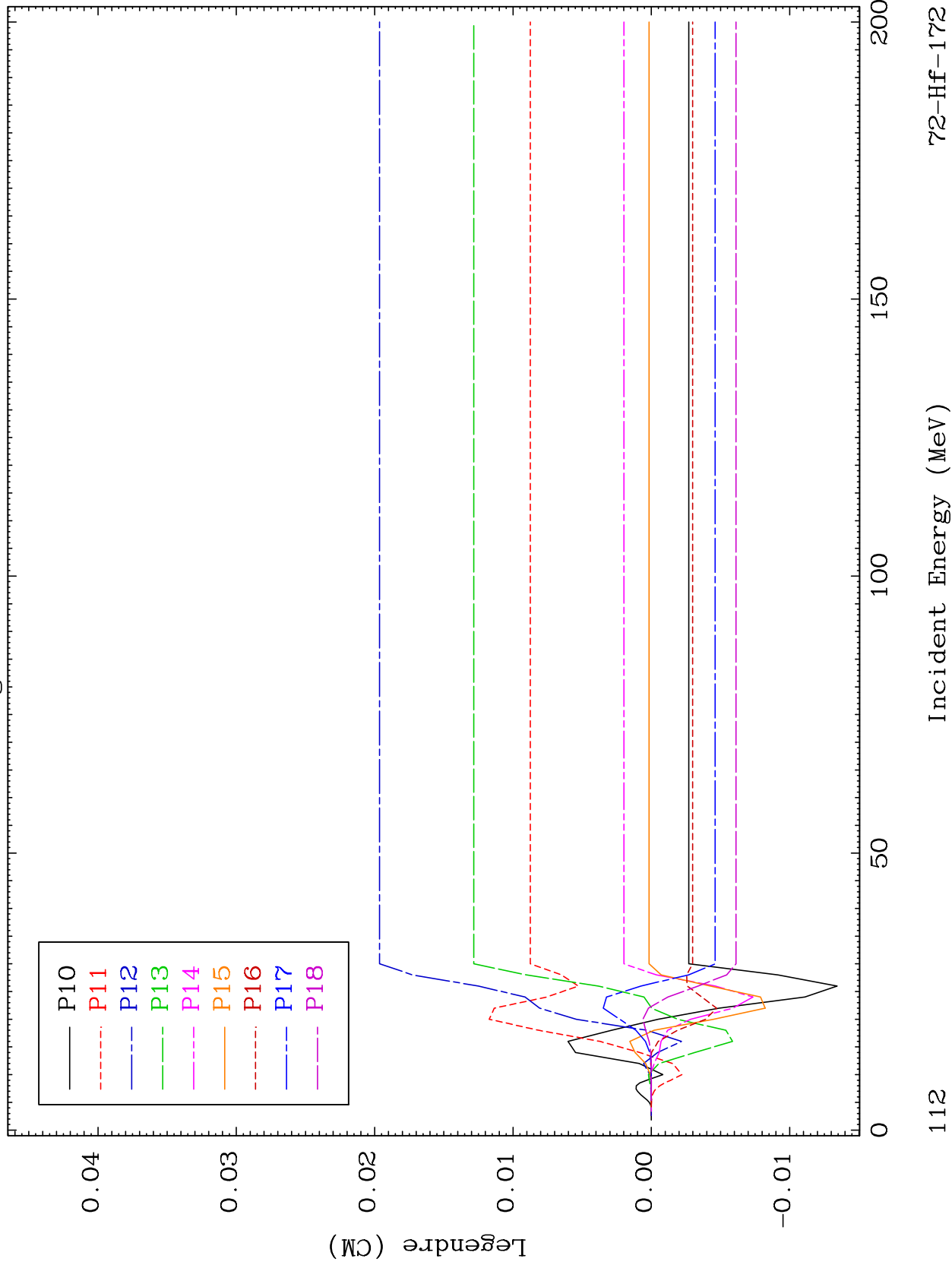
Incident Energy (MeV)

111

MAT 7219

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

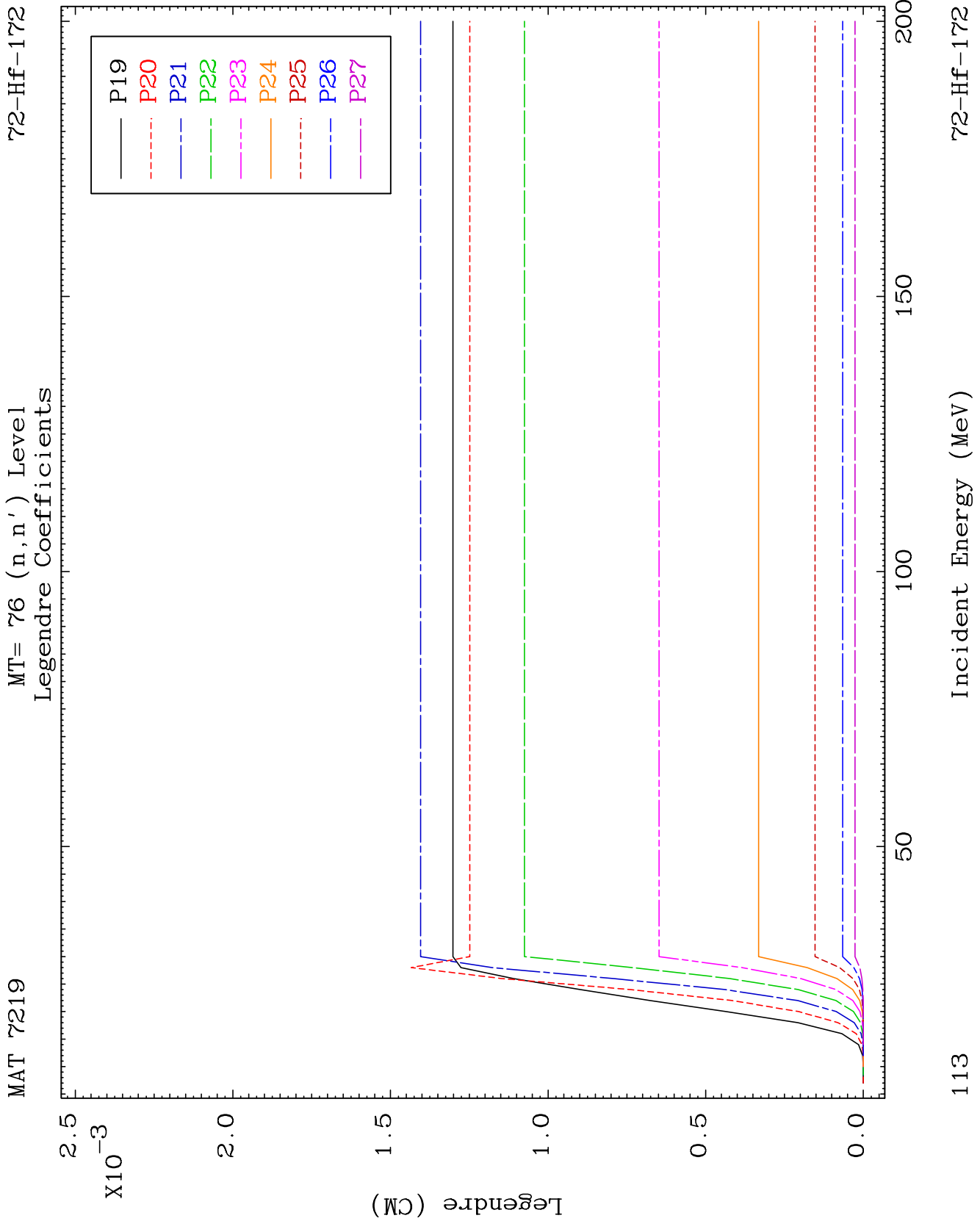
72-Hf-172



112

Incident Energy (MeV)

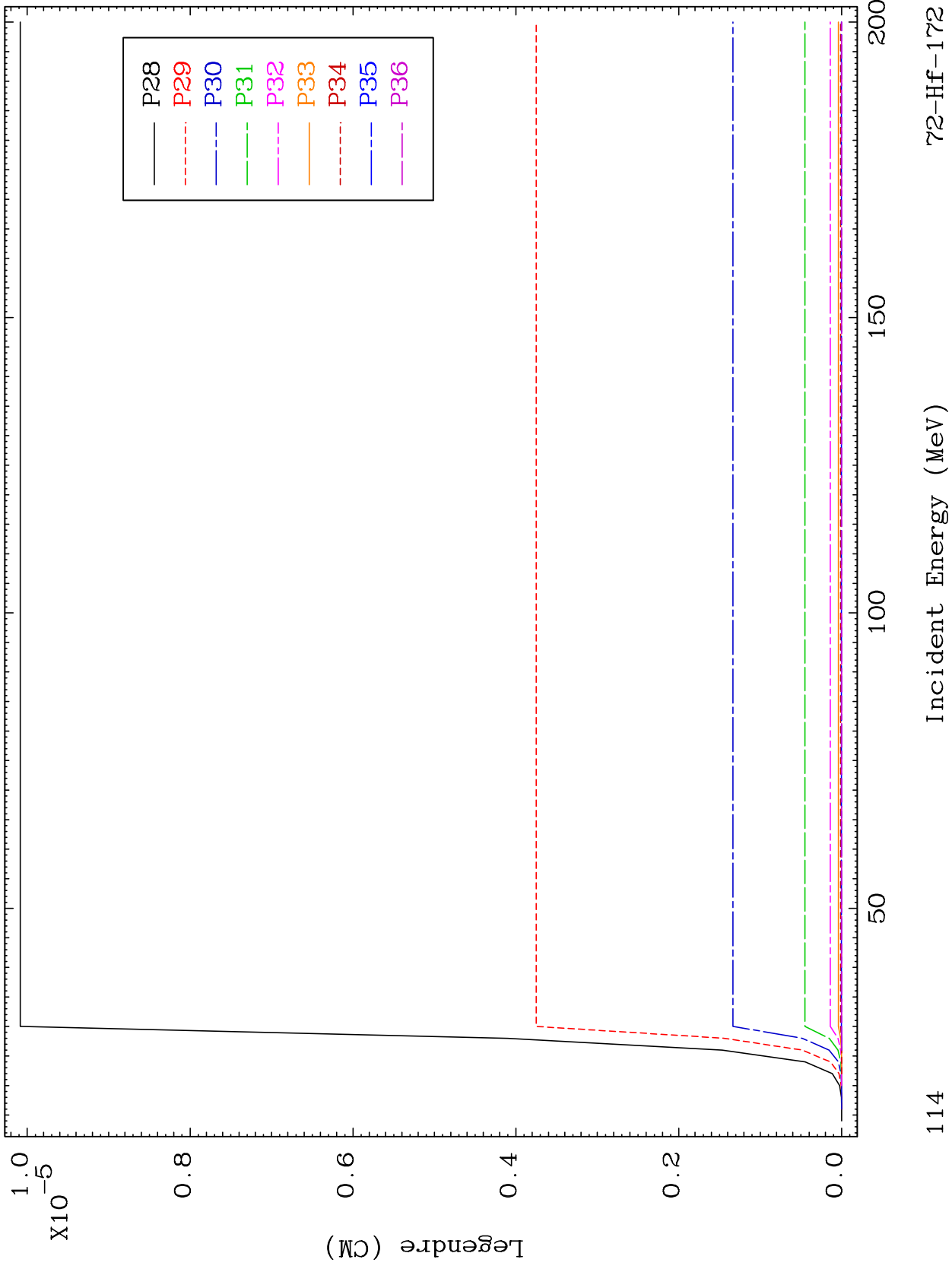
72-Hf-172



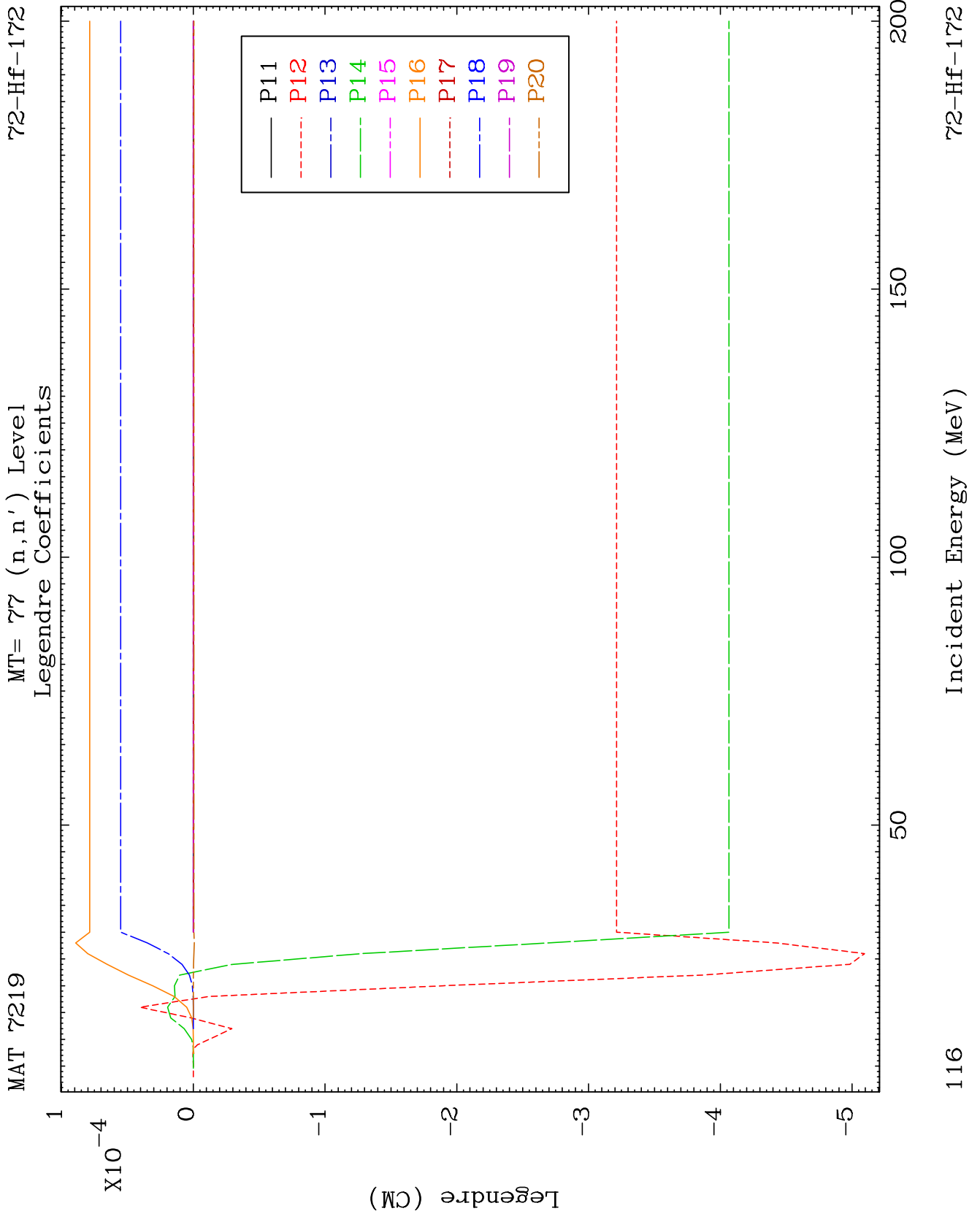
MAT 7219

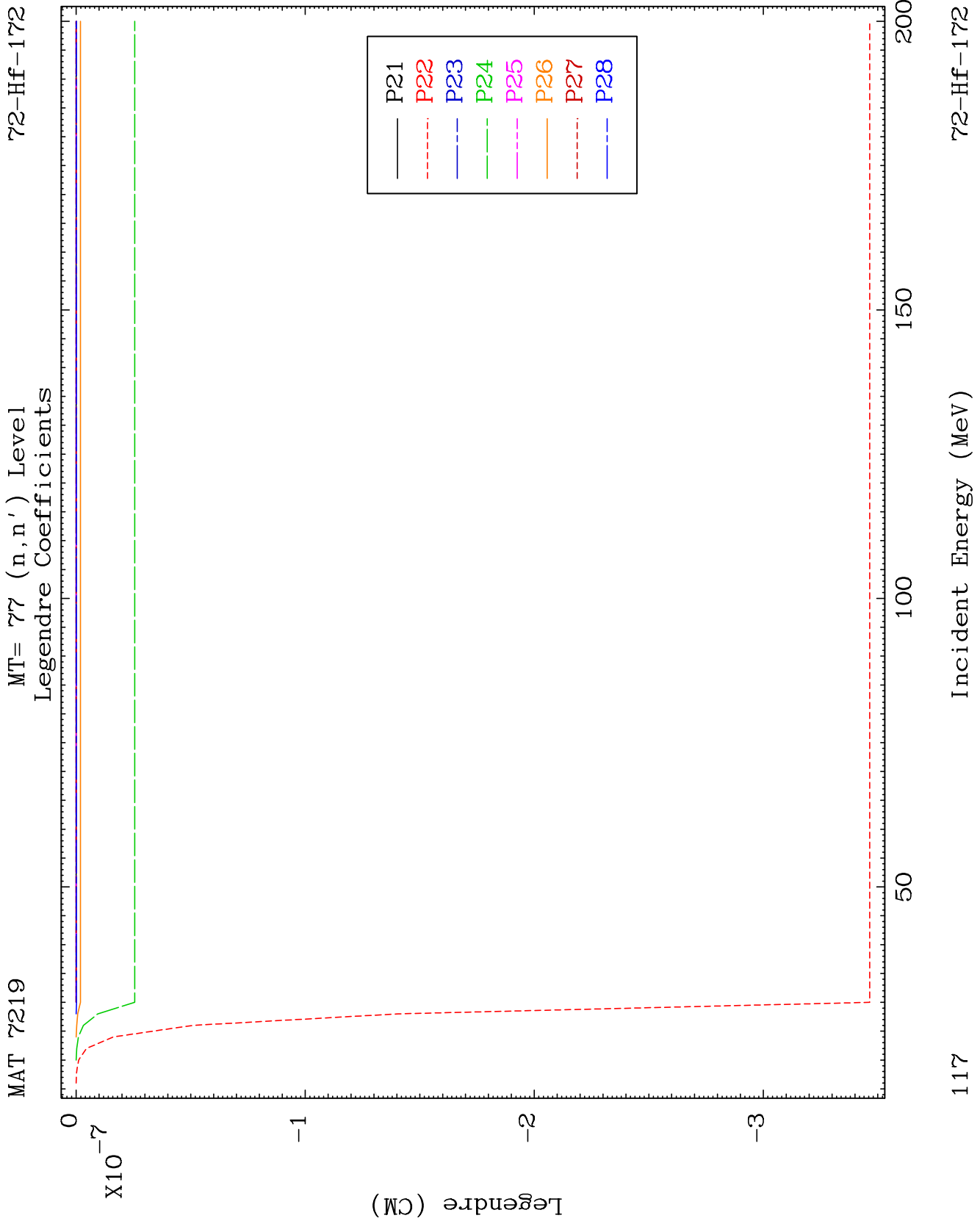
MT= 76 (n,n') Level
Legendre Coefficients

72-Hf-172



114

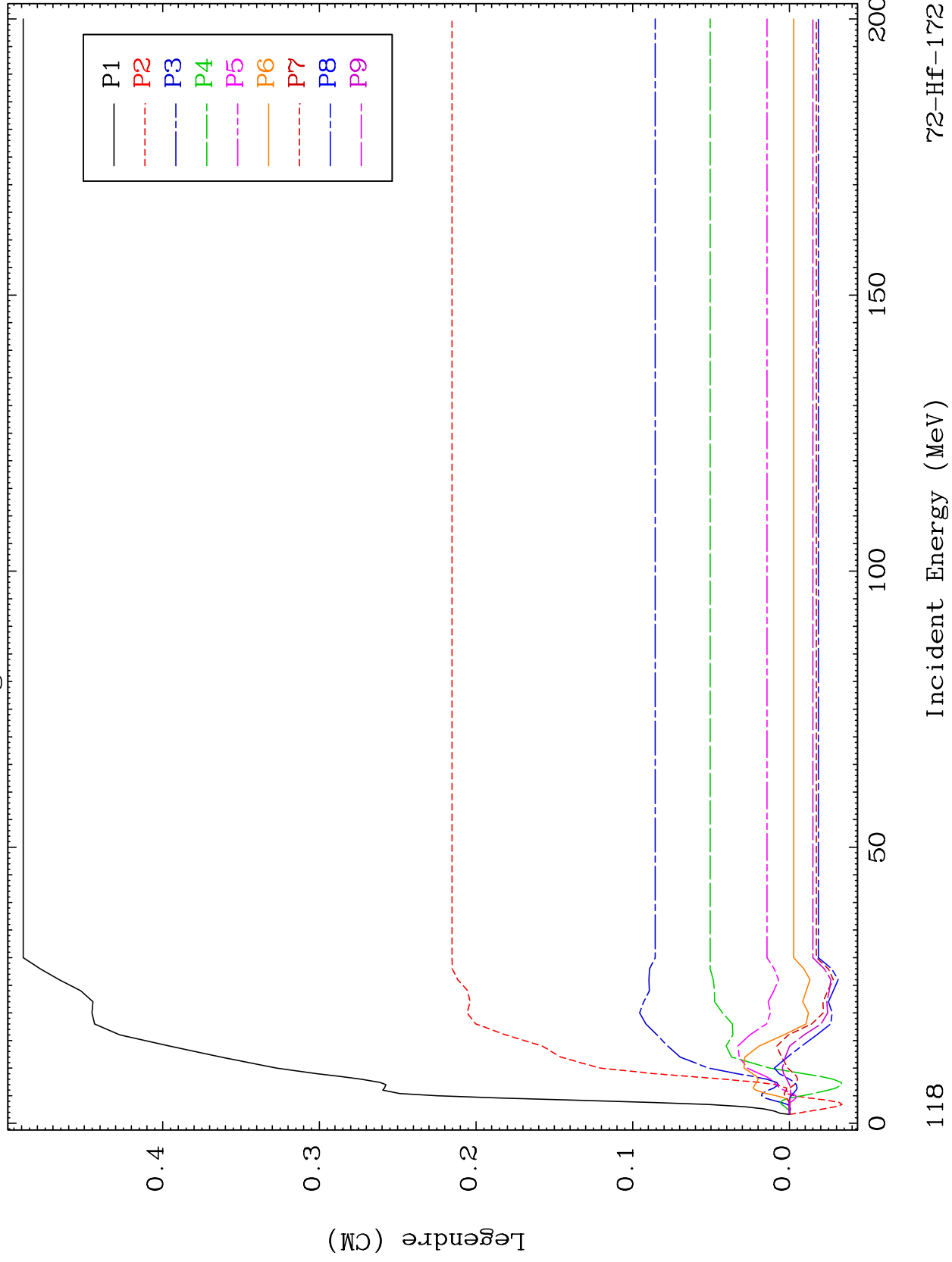




MAT 7219

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

72-Hf-172



72-Hf-172

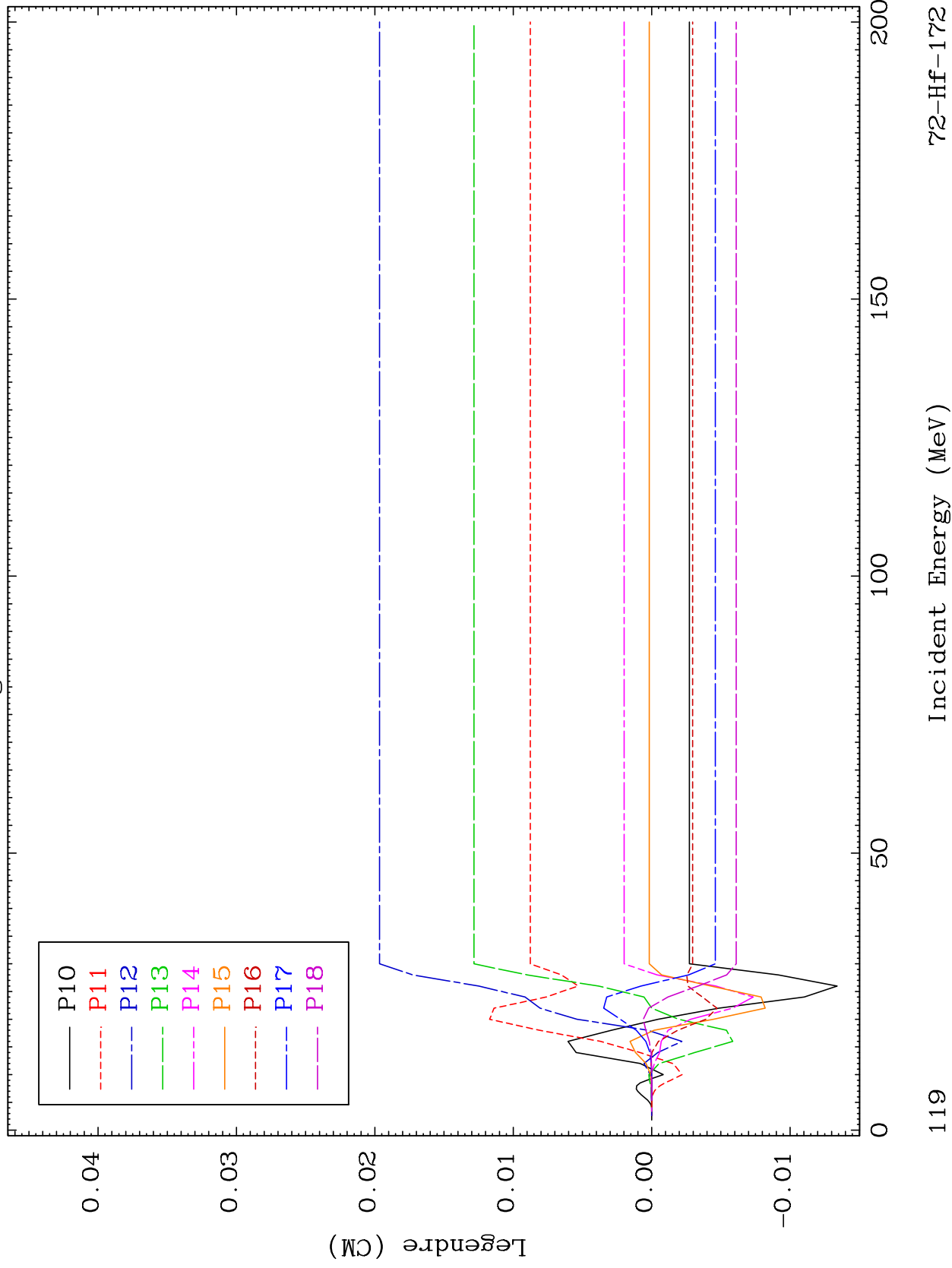
Incident Energy (MeV)

118

MAT 7219

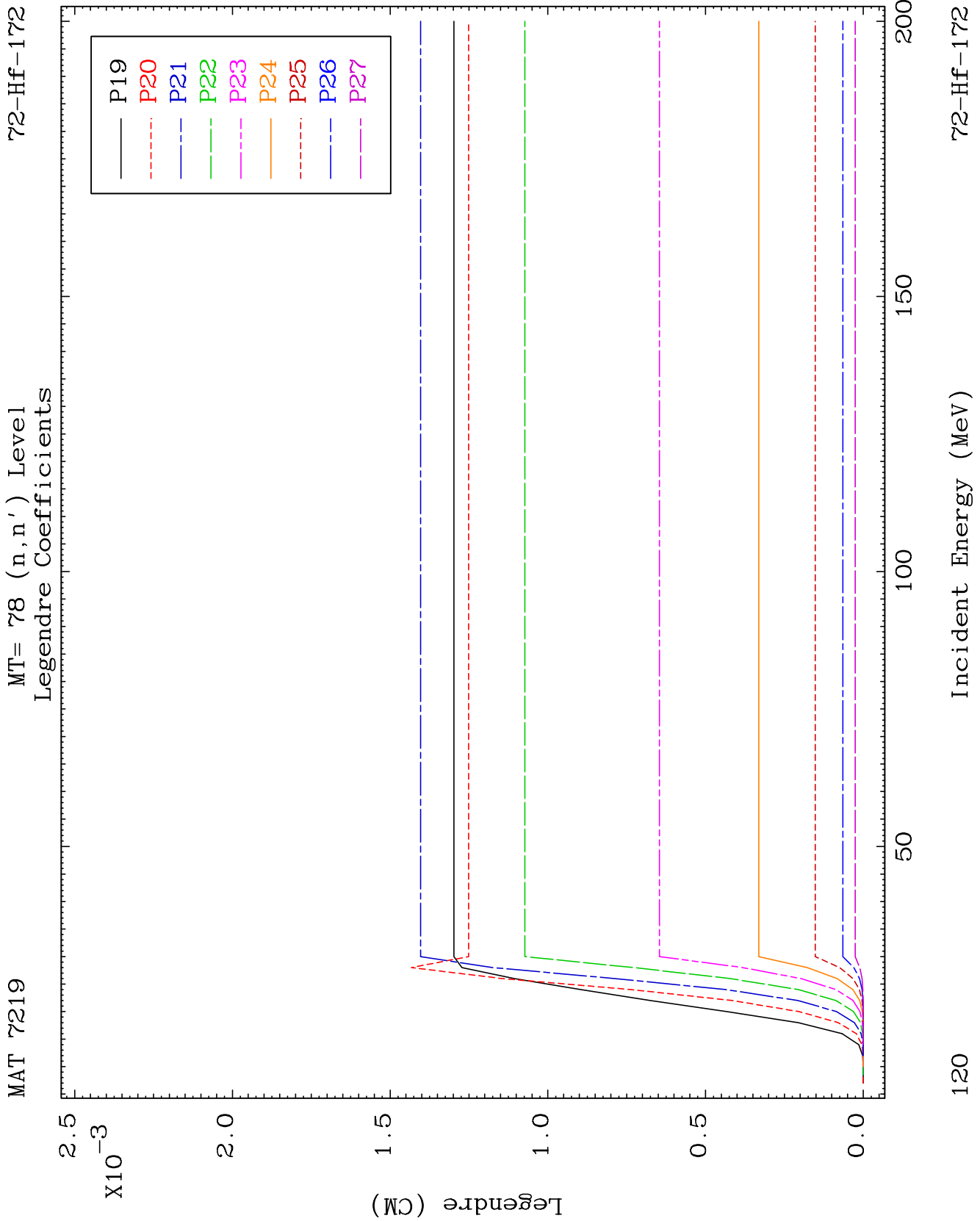
MT= 78 (n,n') Level
Legendre Coefficients

72-Hf-172



119

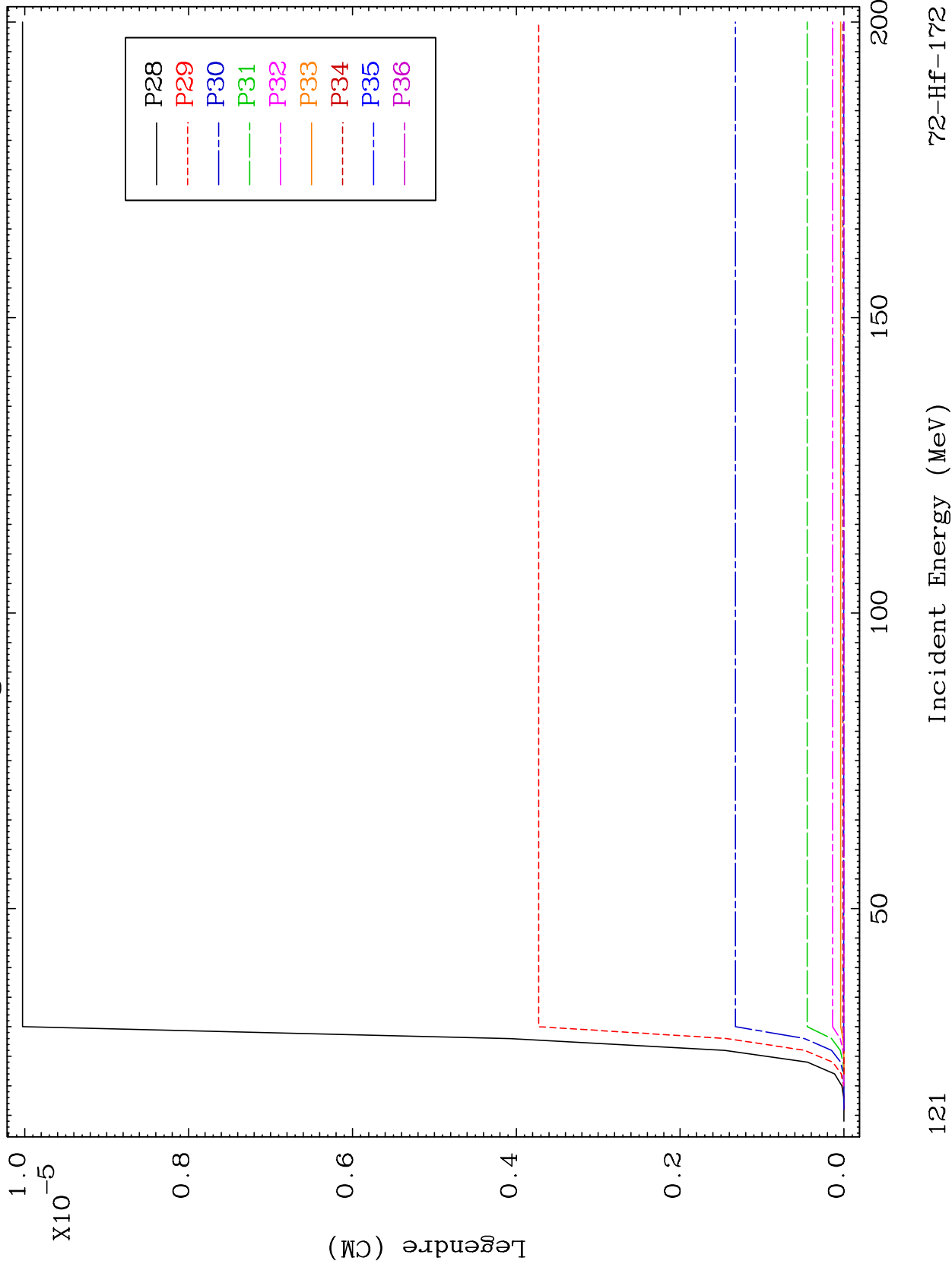
72-Hf-172



MAT 7219

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

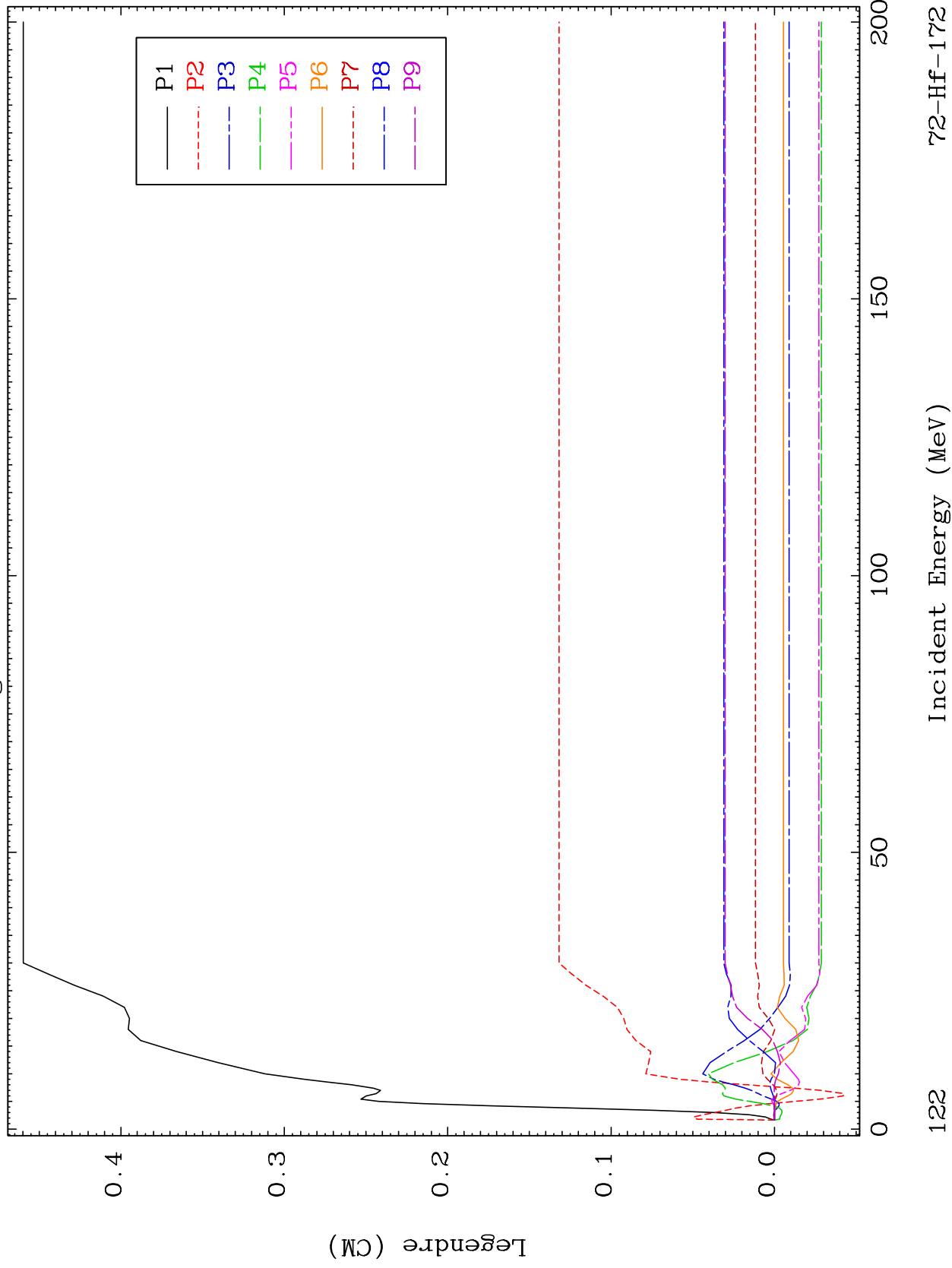
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

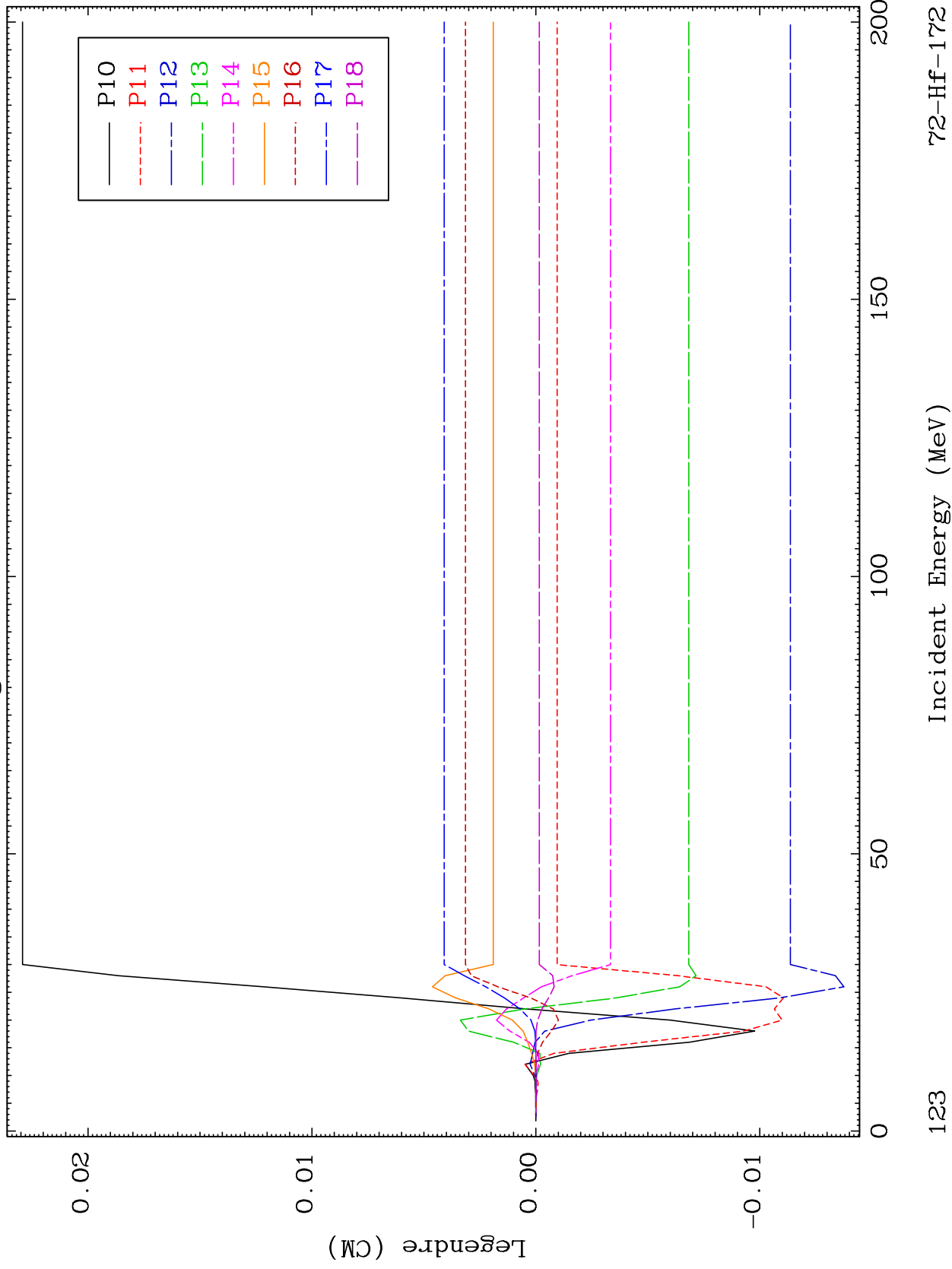
Incident Energy (MeV)

122

MAT 7219

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

72-Hf-172



123

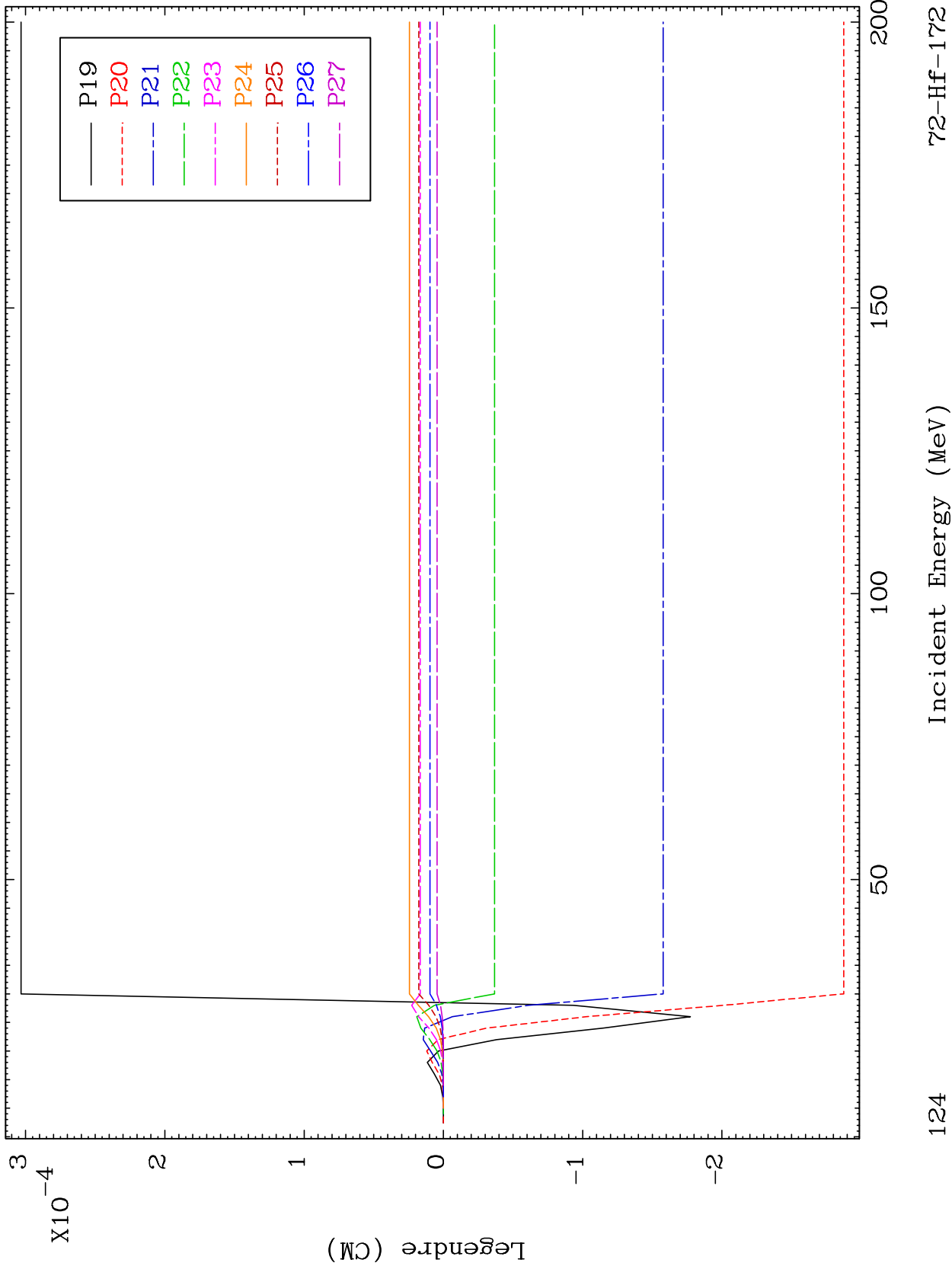
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

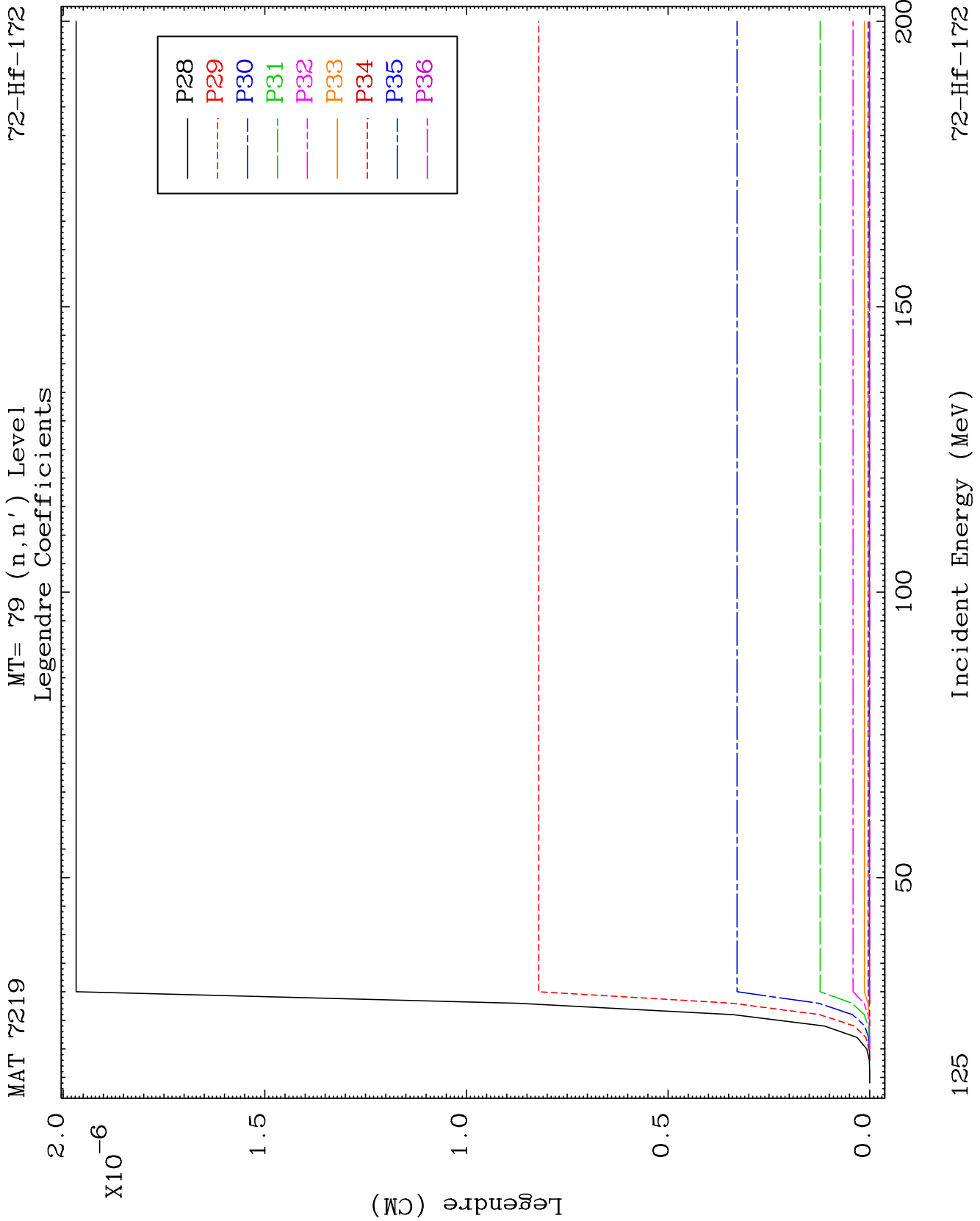
72-Hf-172



124

Incident Energy (MeV)

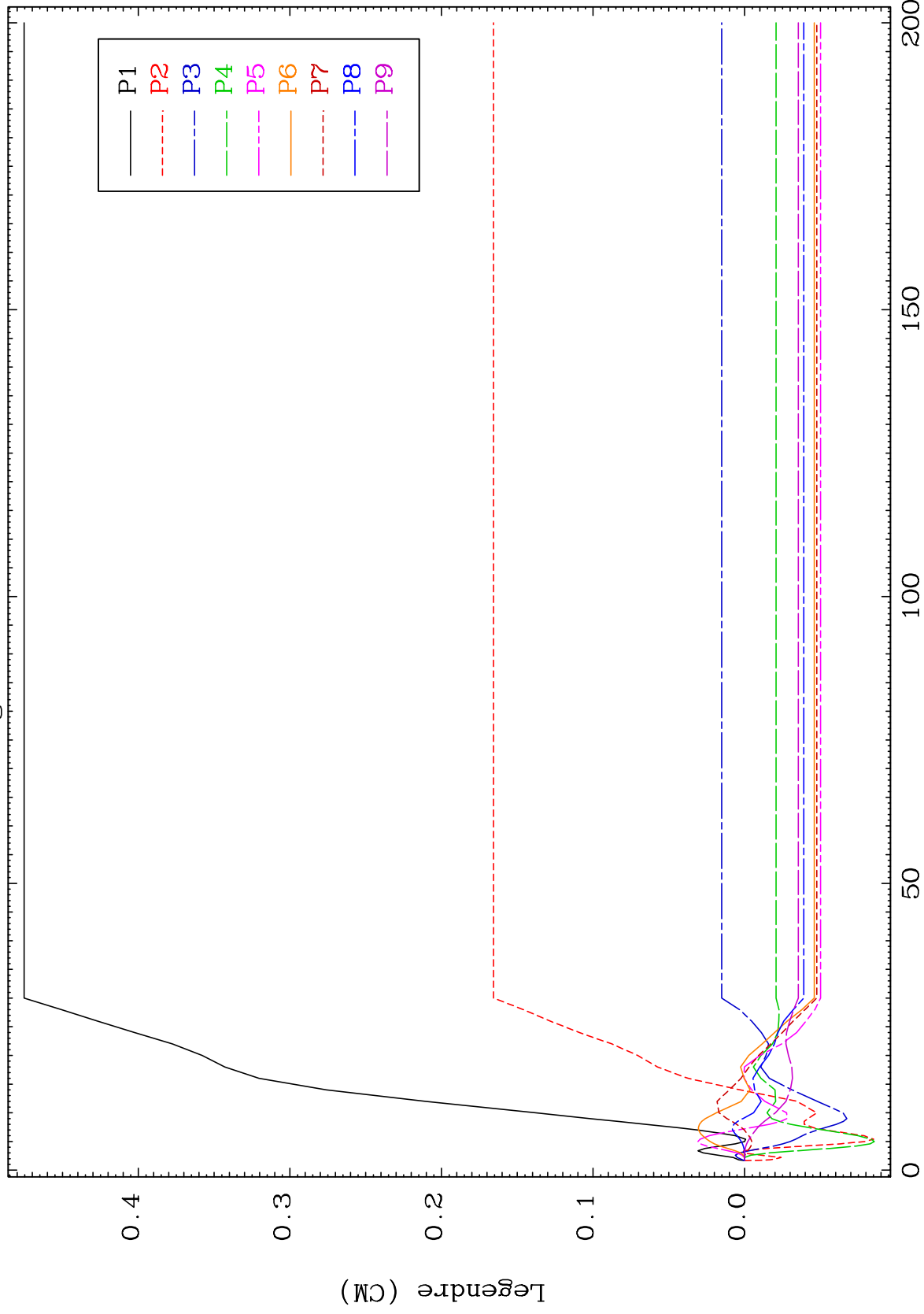
72-Hf-172



MAT 7219

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

72-Hf-172



72-Hf-172

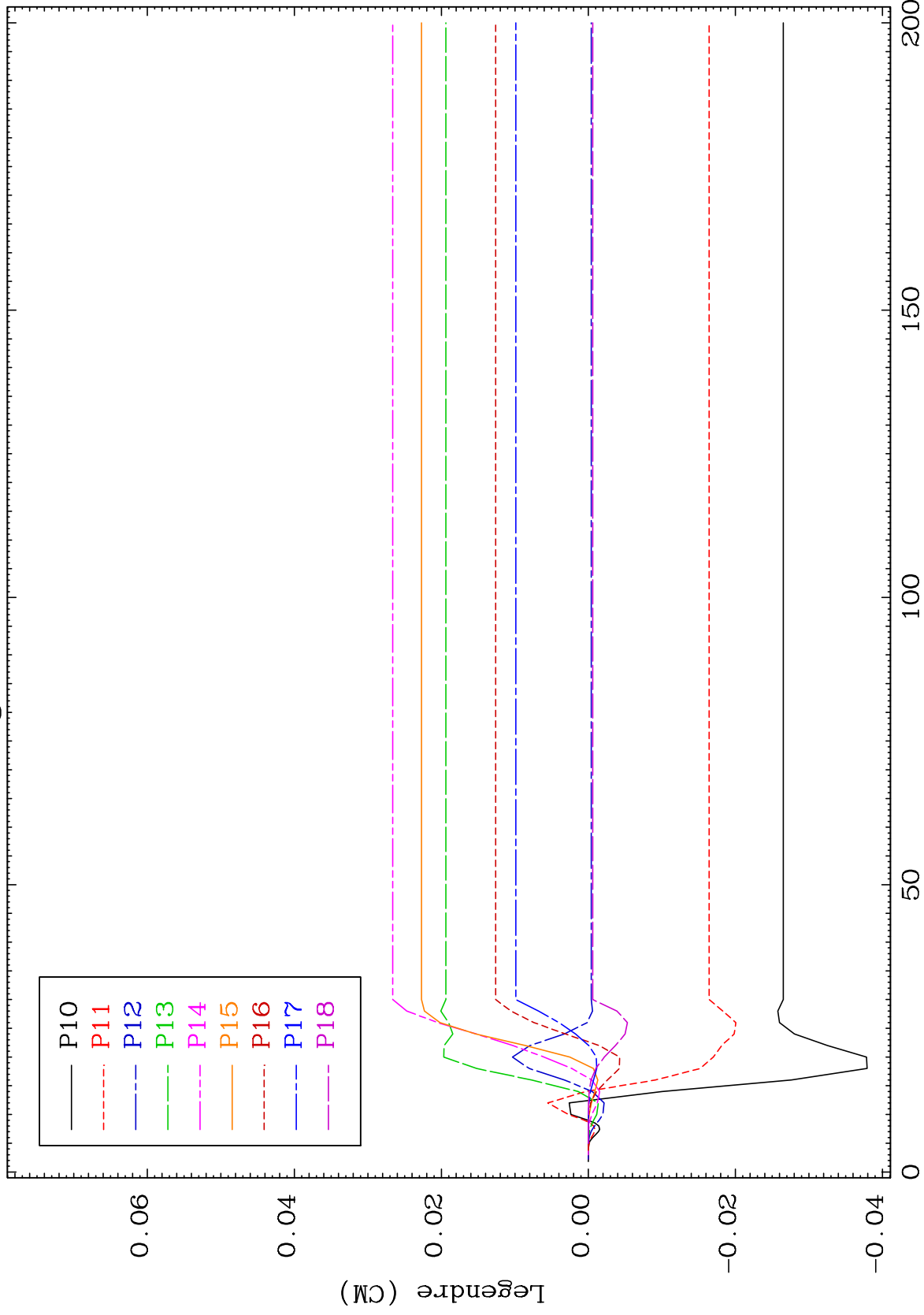
Incident Energy (MeV)

126

MAT 7219

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

72-Hf-172



127

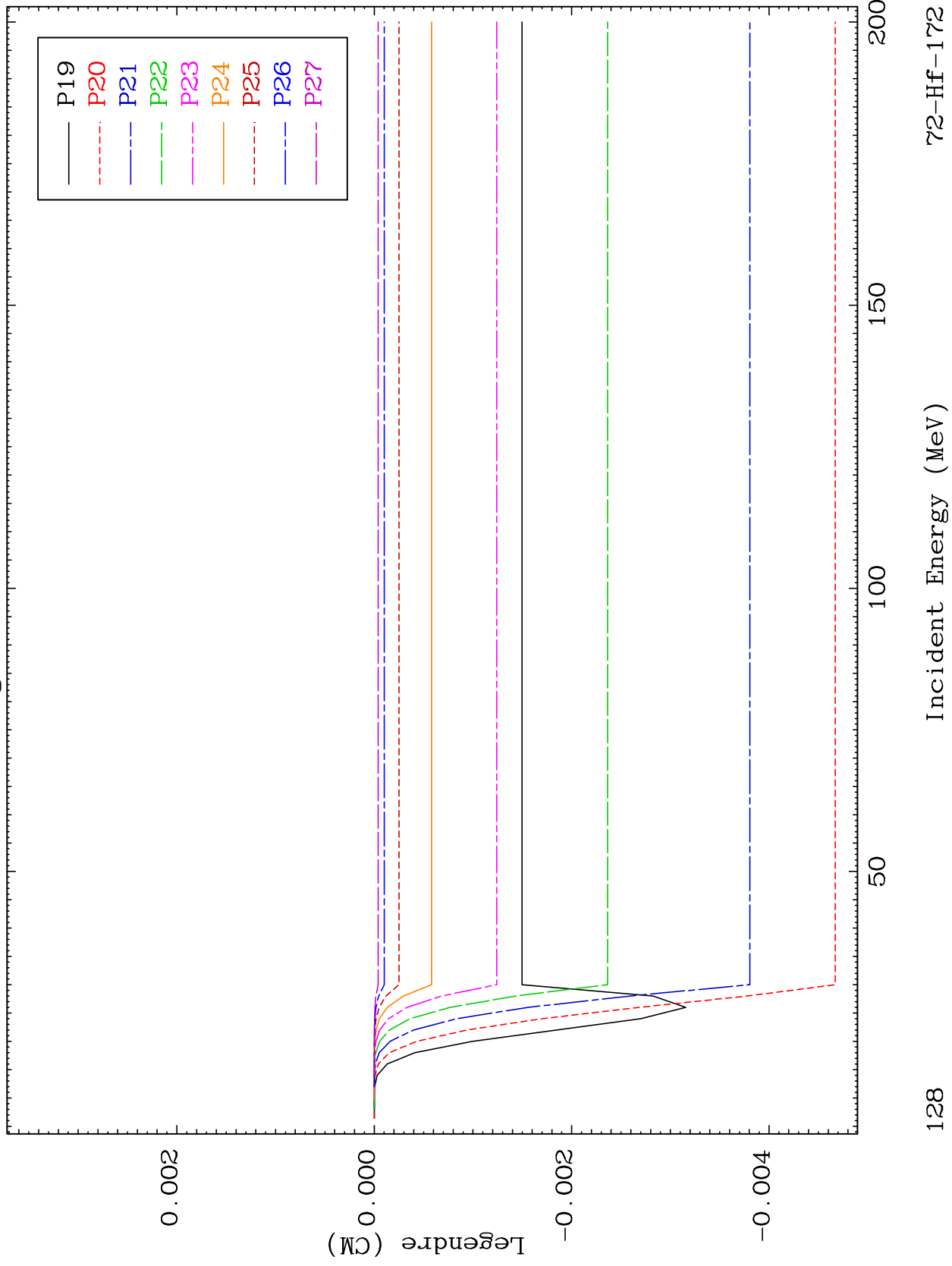
Incident Energy (MeV)

72-Hf-172

MAT 7219

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

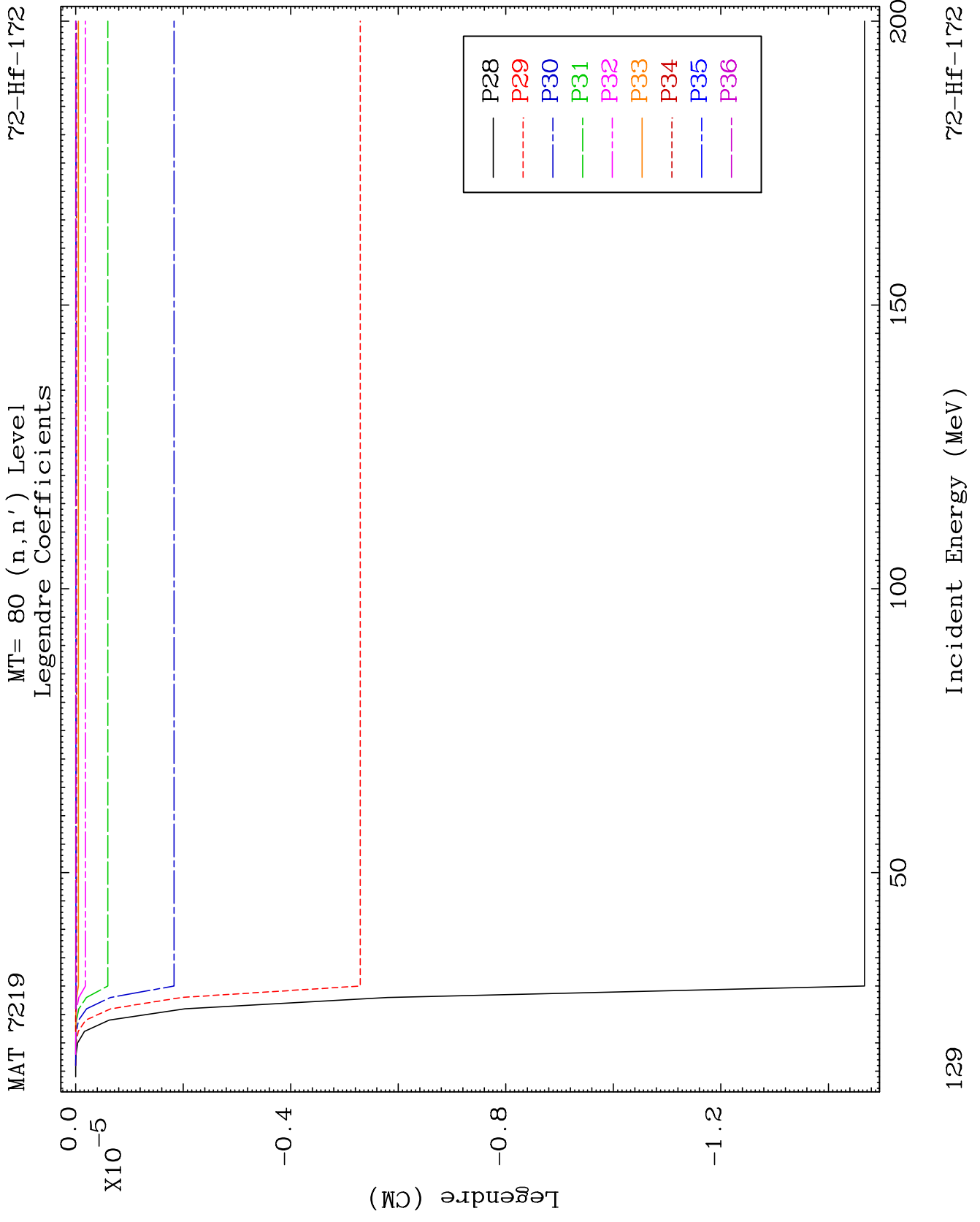
72-Hf-172



128

Incident Energy (MeV)

72-Hf-172

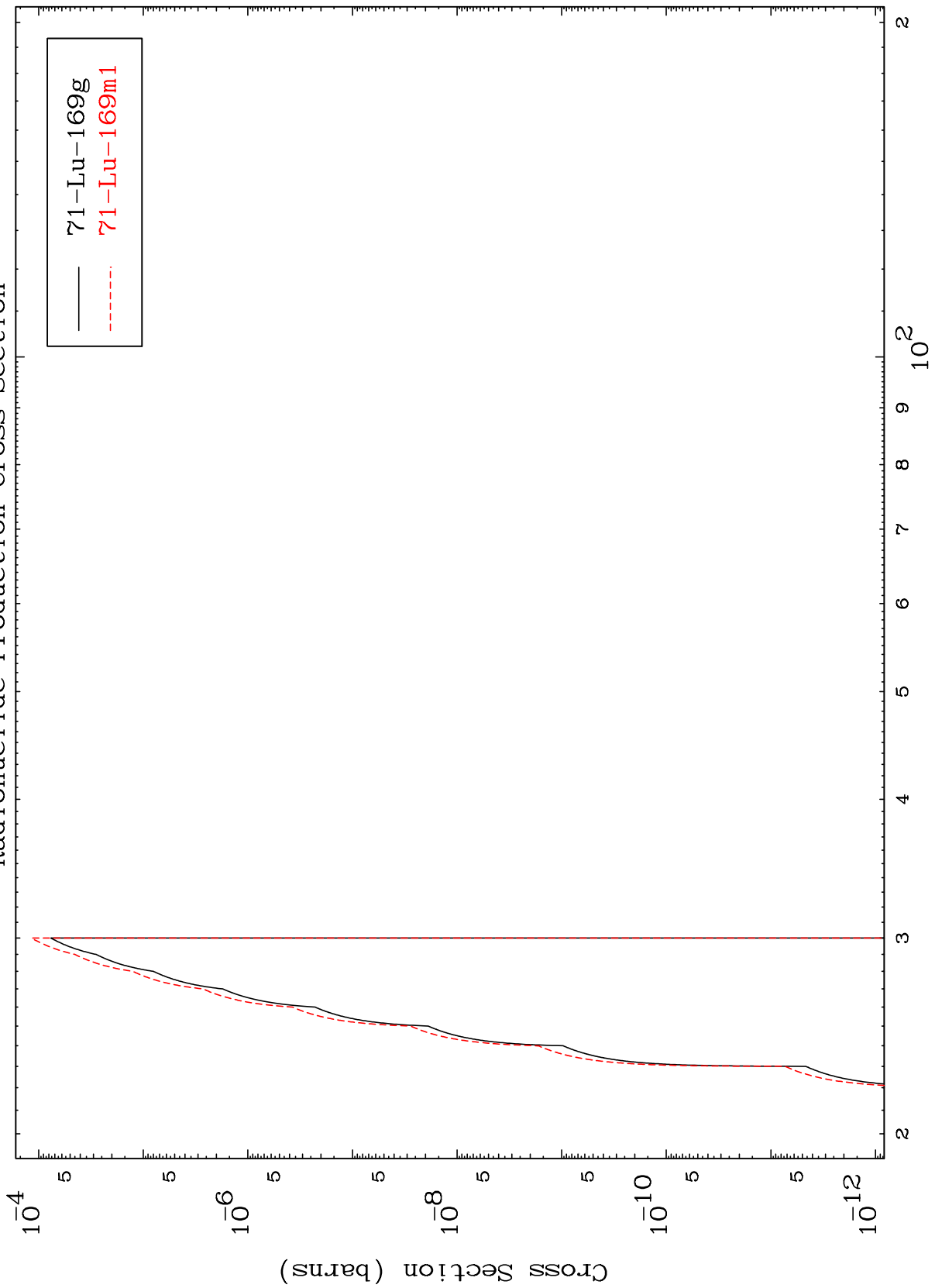


MAT 7219

(n,2n) d

72-Hf-172

Radionuclide Production Cross Section



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

130

Incident Energy (MeV)

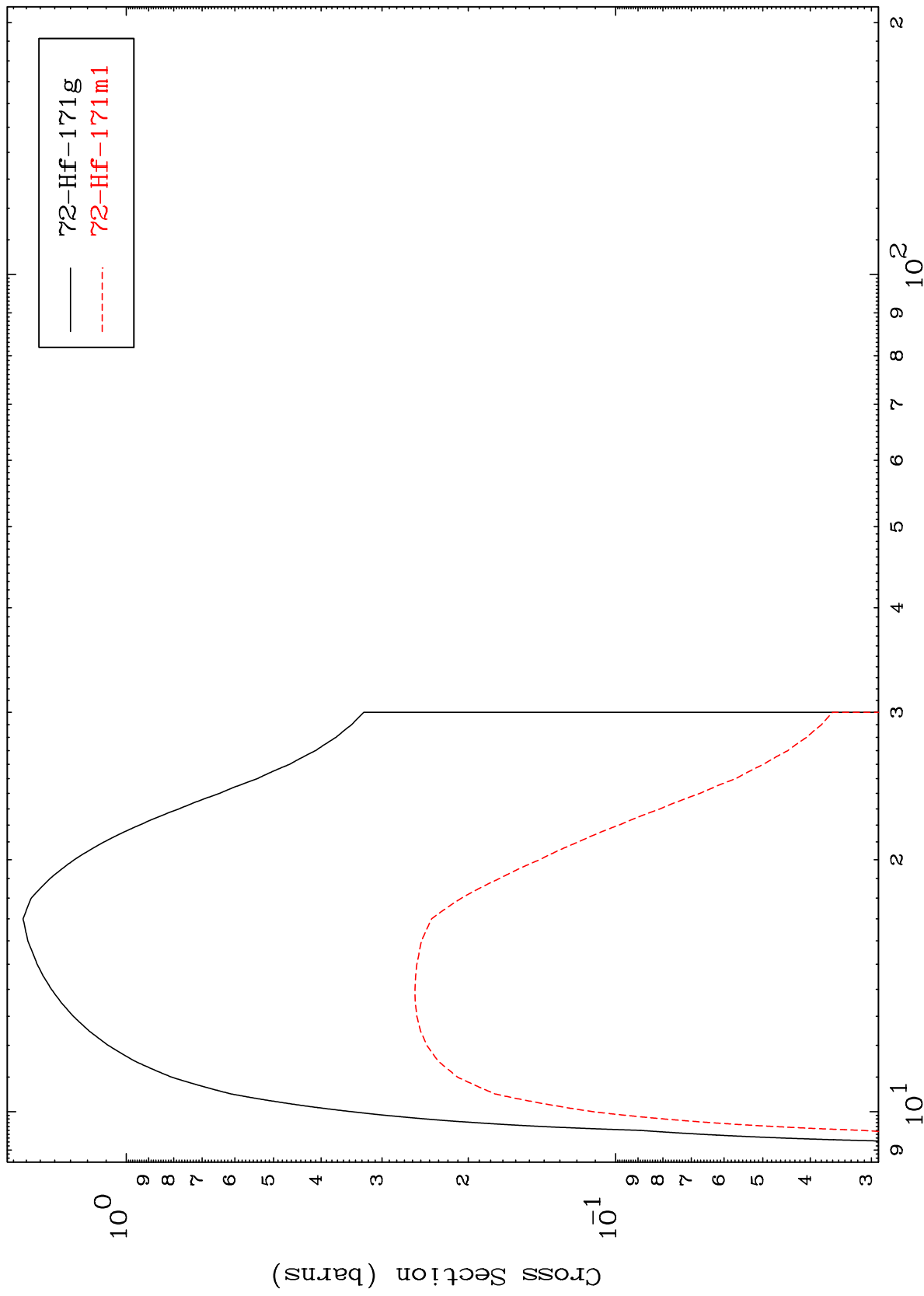
72-Hf-172

MAT 7219

72-Hf-172

(n,2n)

Radionuclide Production Cross Section



131

Incident Energy (MeV)

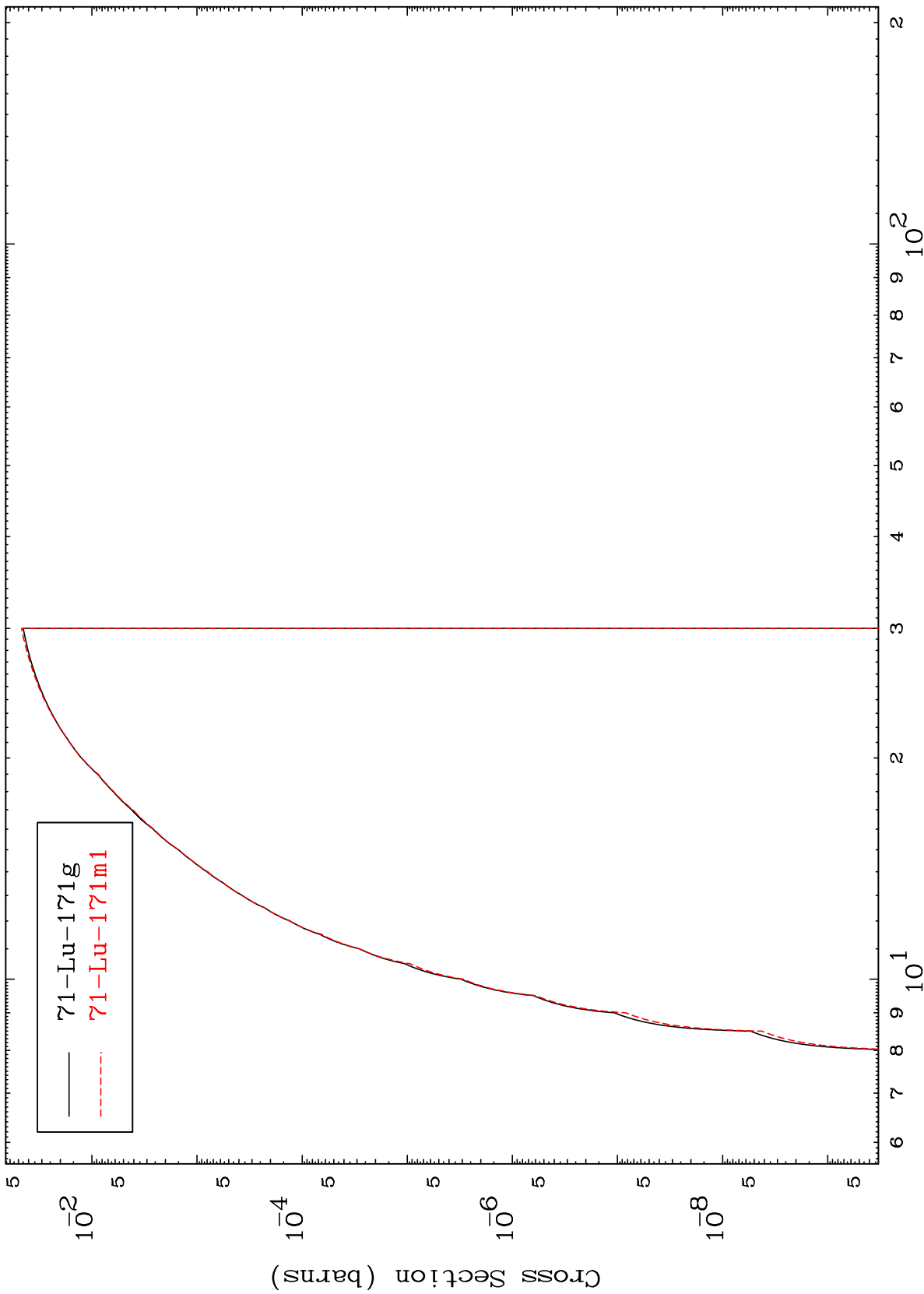
72-Hf-172

MAT 7219

(n,n') p

72-Hf-172

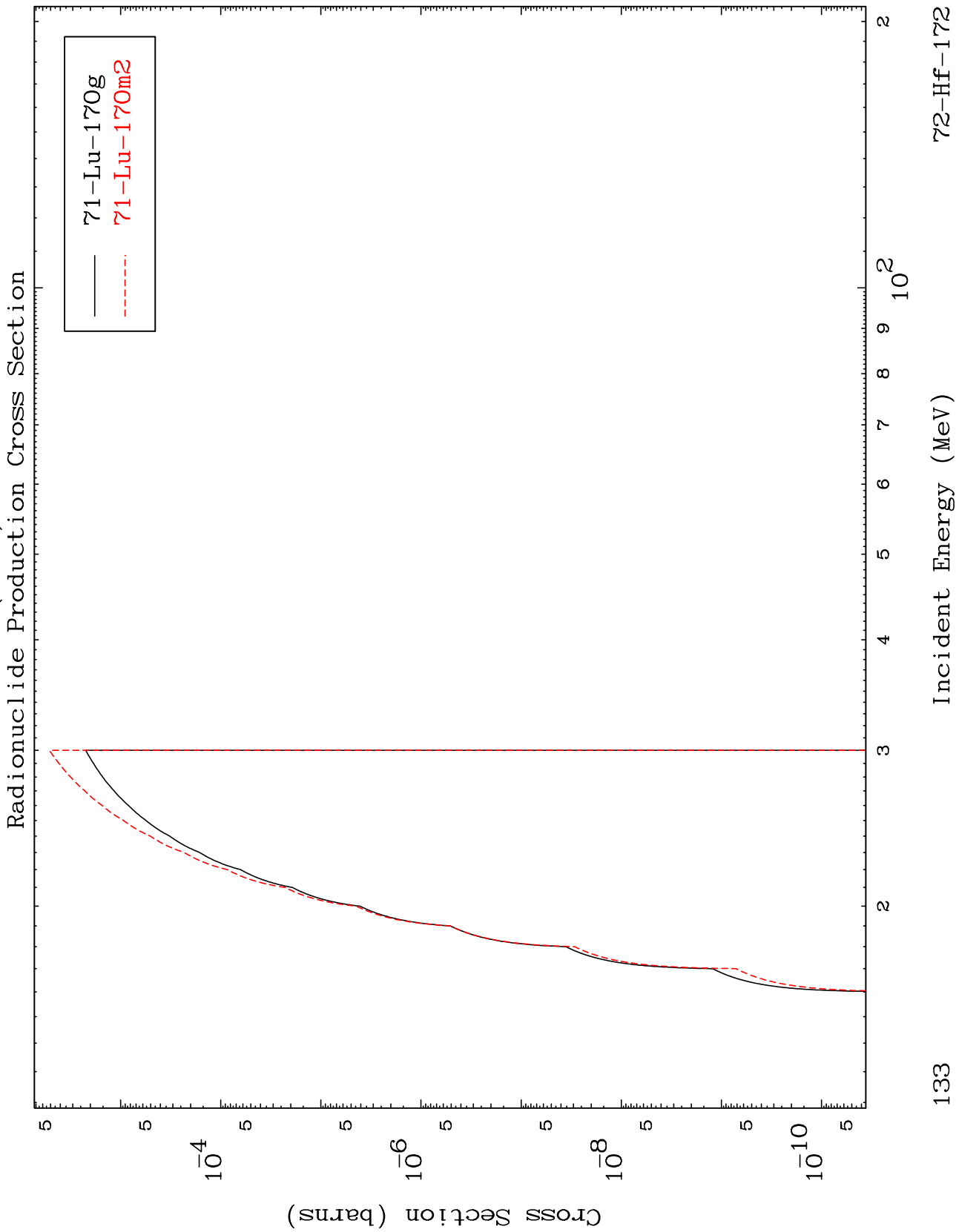
Radionuclide Production Cross Section



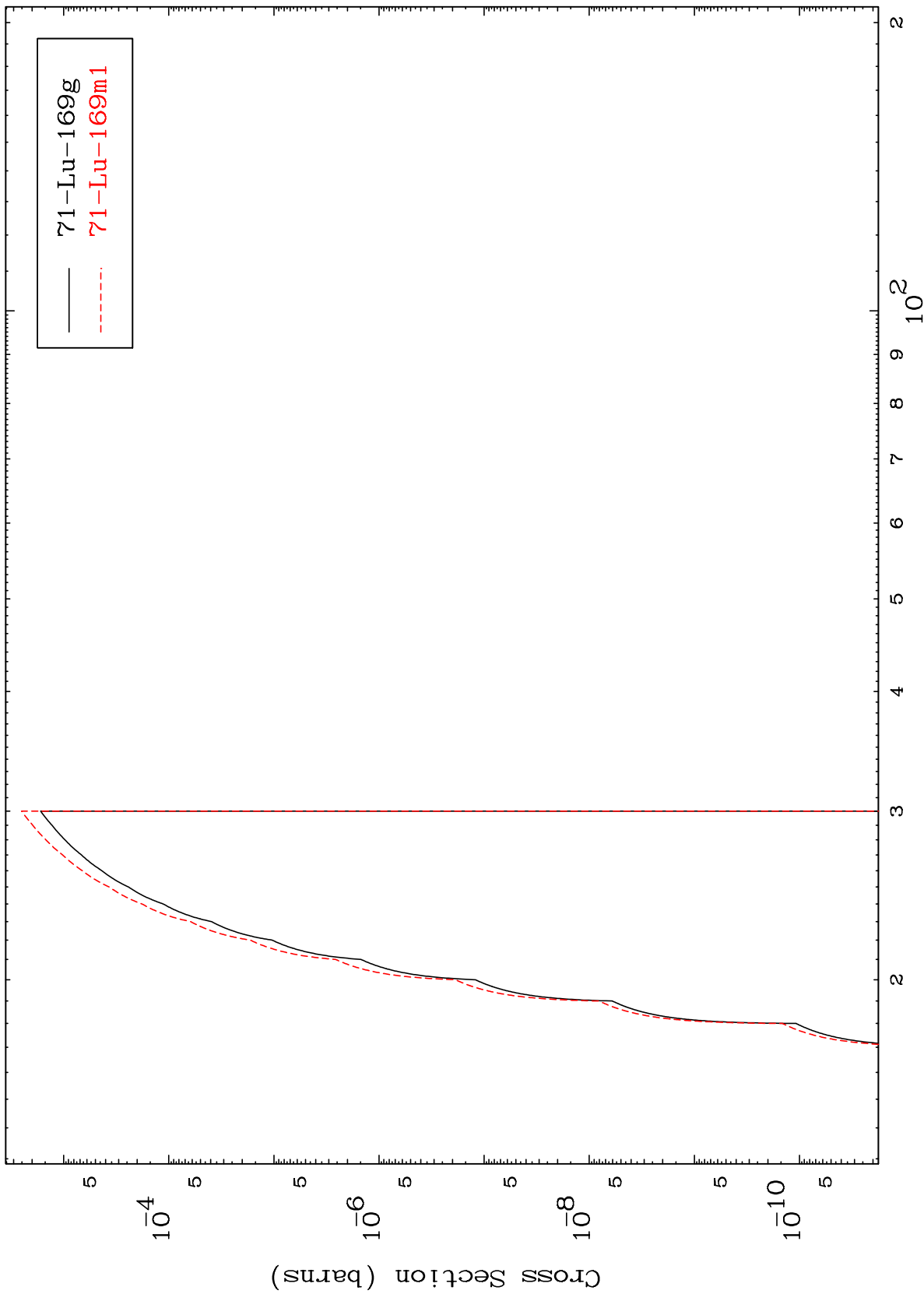
132

Incident Energy (MeV)

72-Hf-172



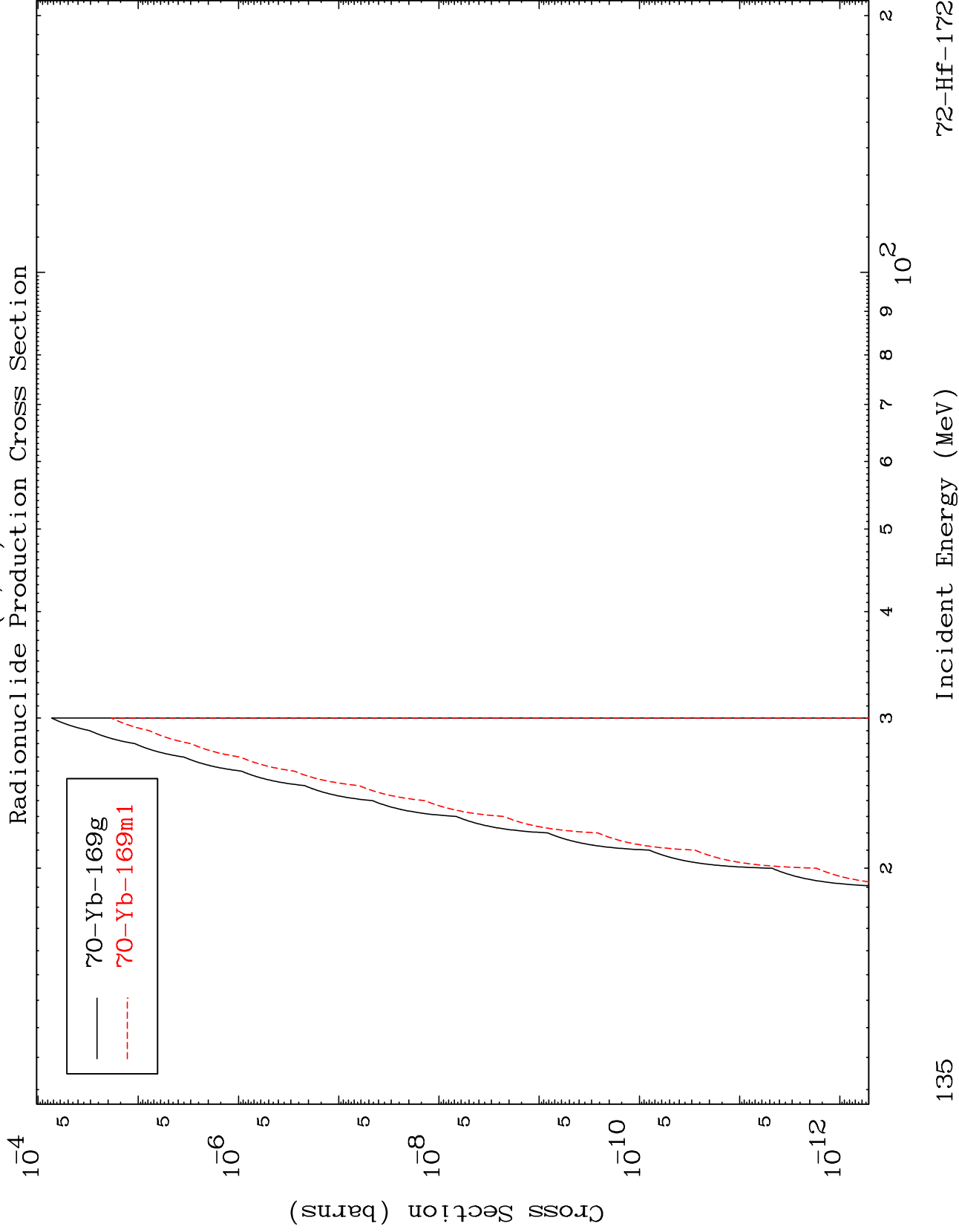
Radionuclide Production Cross Section



MAT 7219

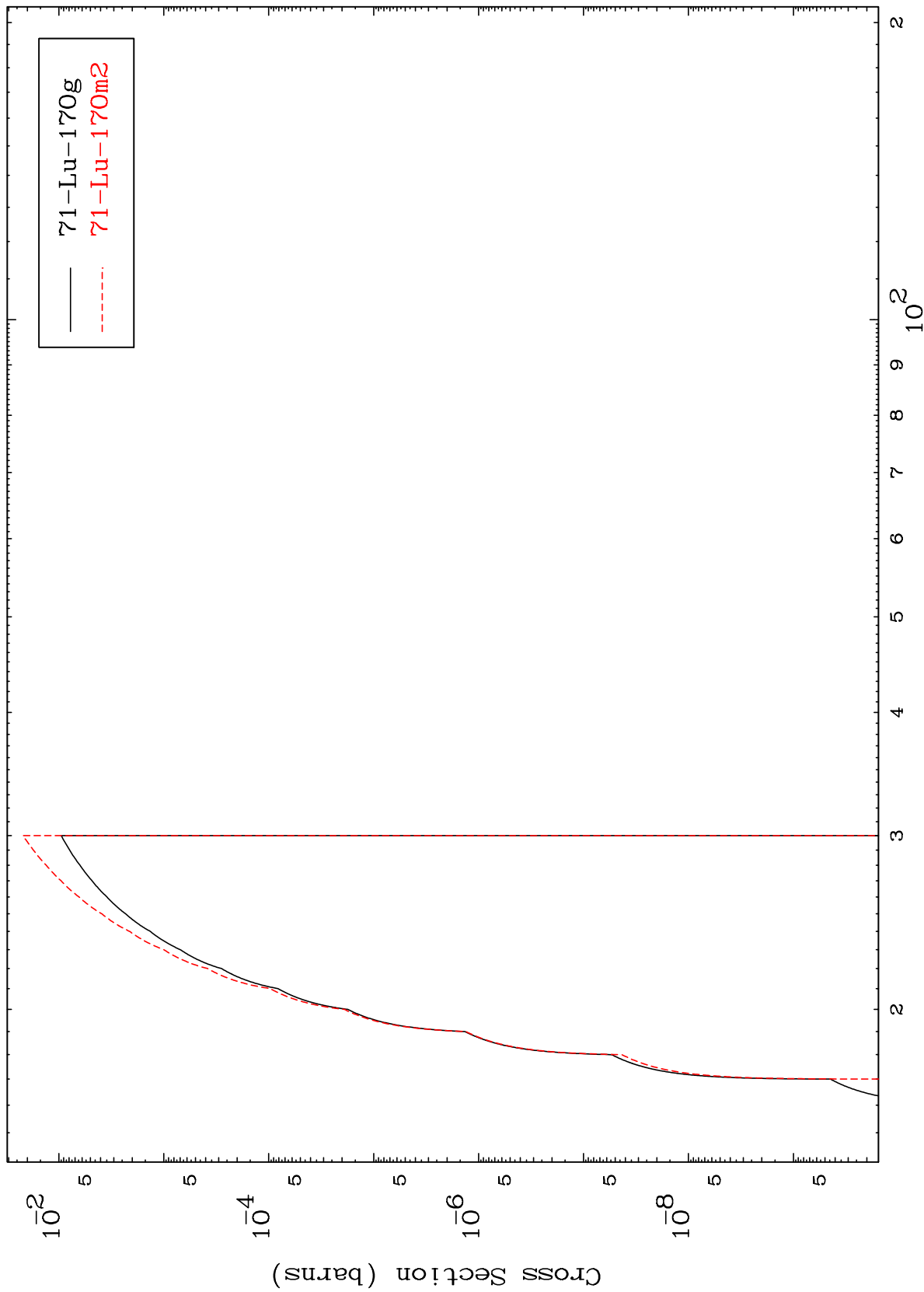
(n,n') He-3

72-Hf-172



135

Radionuclide Production Cross Section

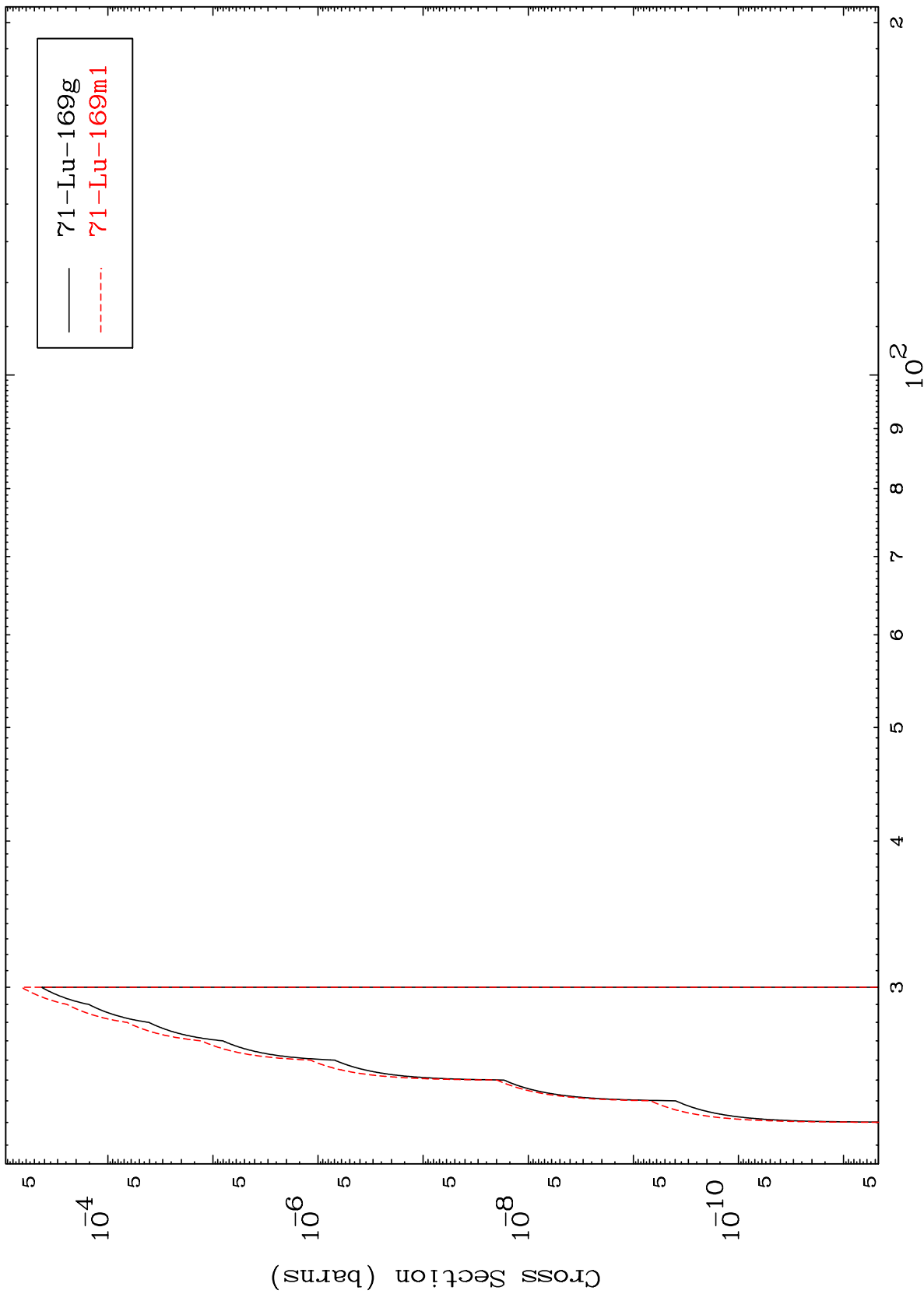


MAT 7219

(n,3n) p

72-Hf-172

Radionuclide Production Cross Section



137

Incident Energy (MeV)

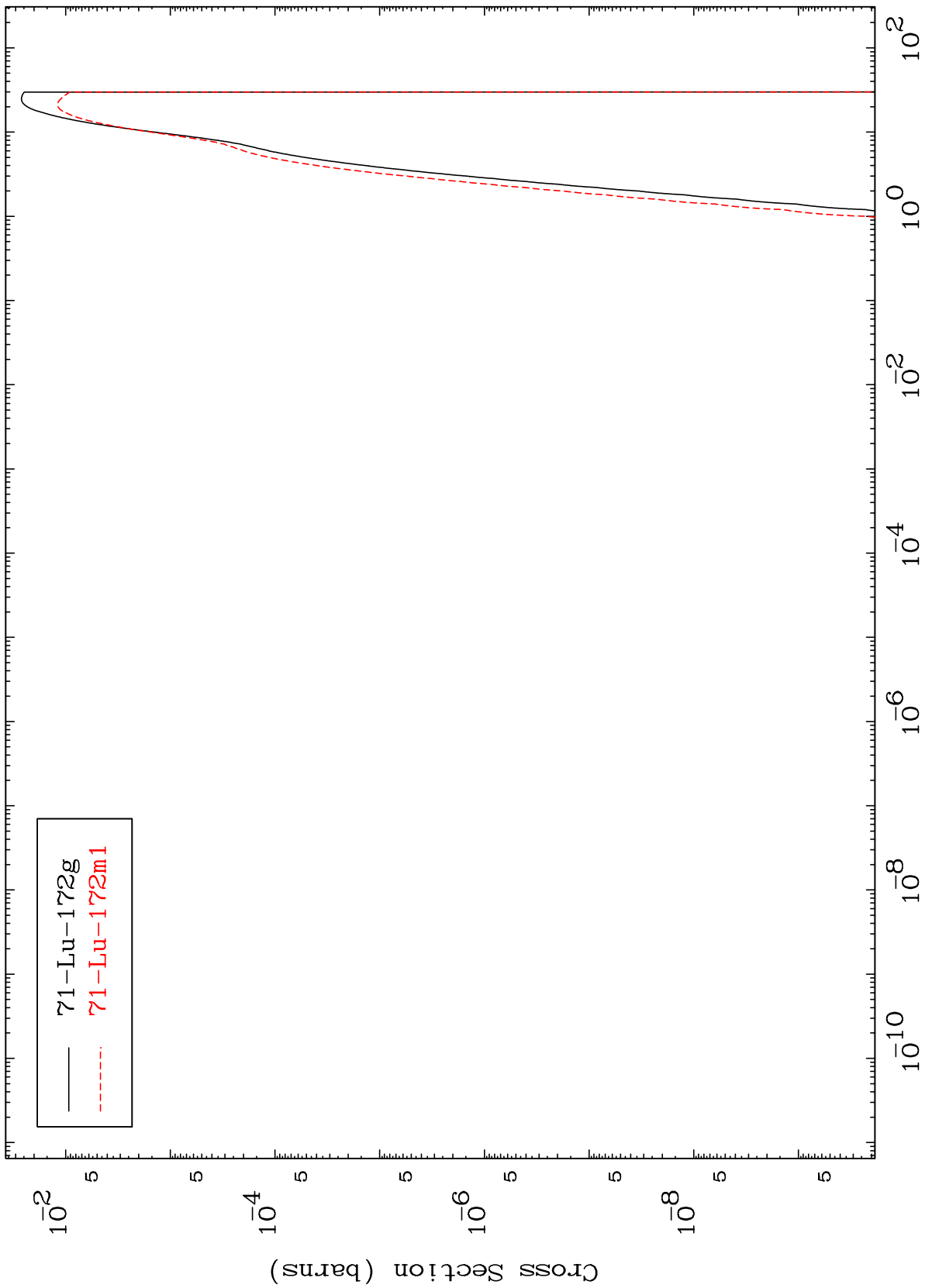
72-Hf-172

MAT 7219

(n,p)

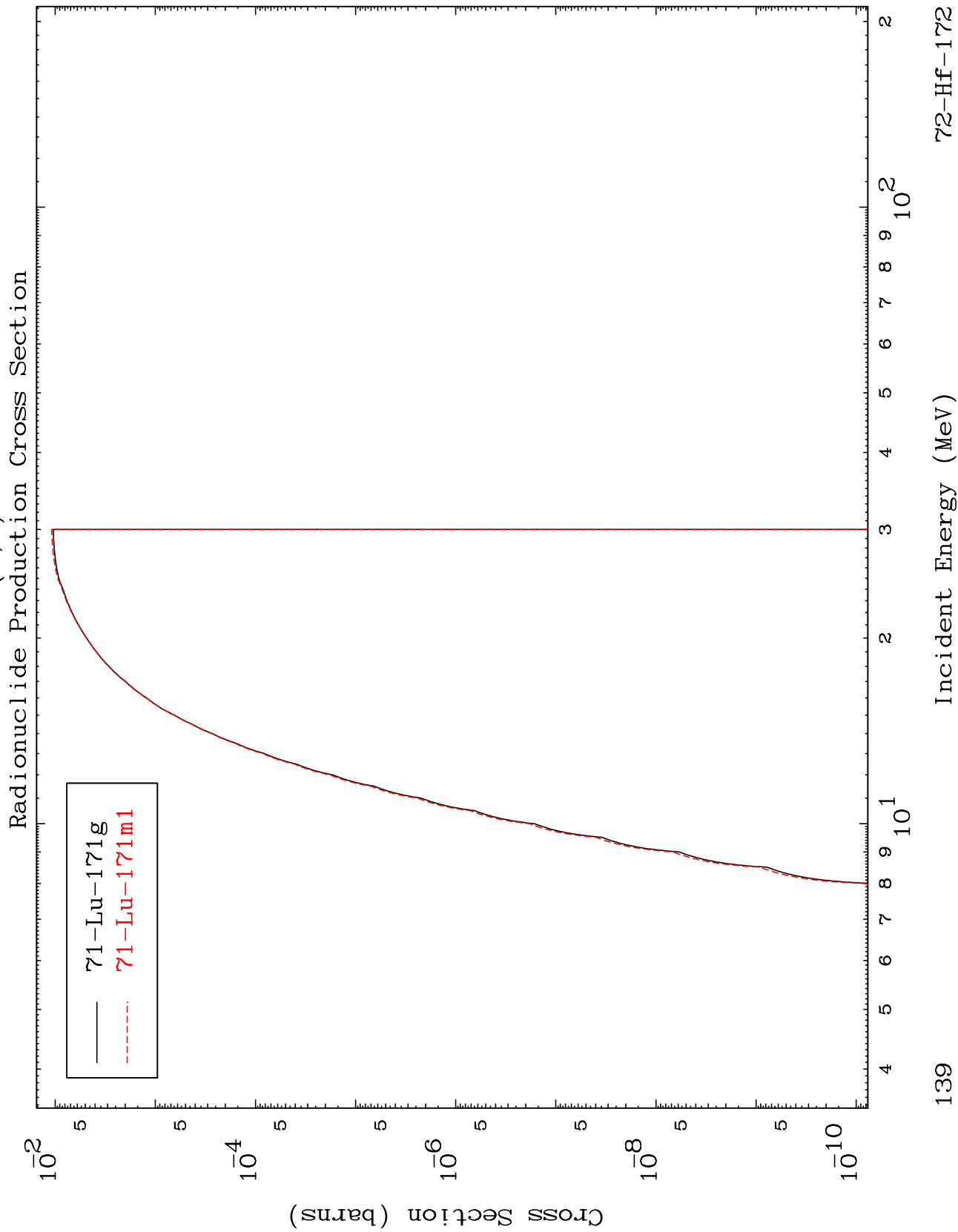
72-Hf-172

Radionuclide Production Cross Section



MAT 7219

72-Hf-172



71-Lu-171g
71-Lu-171m1

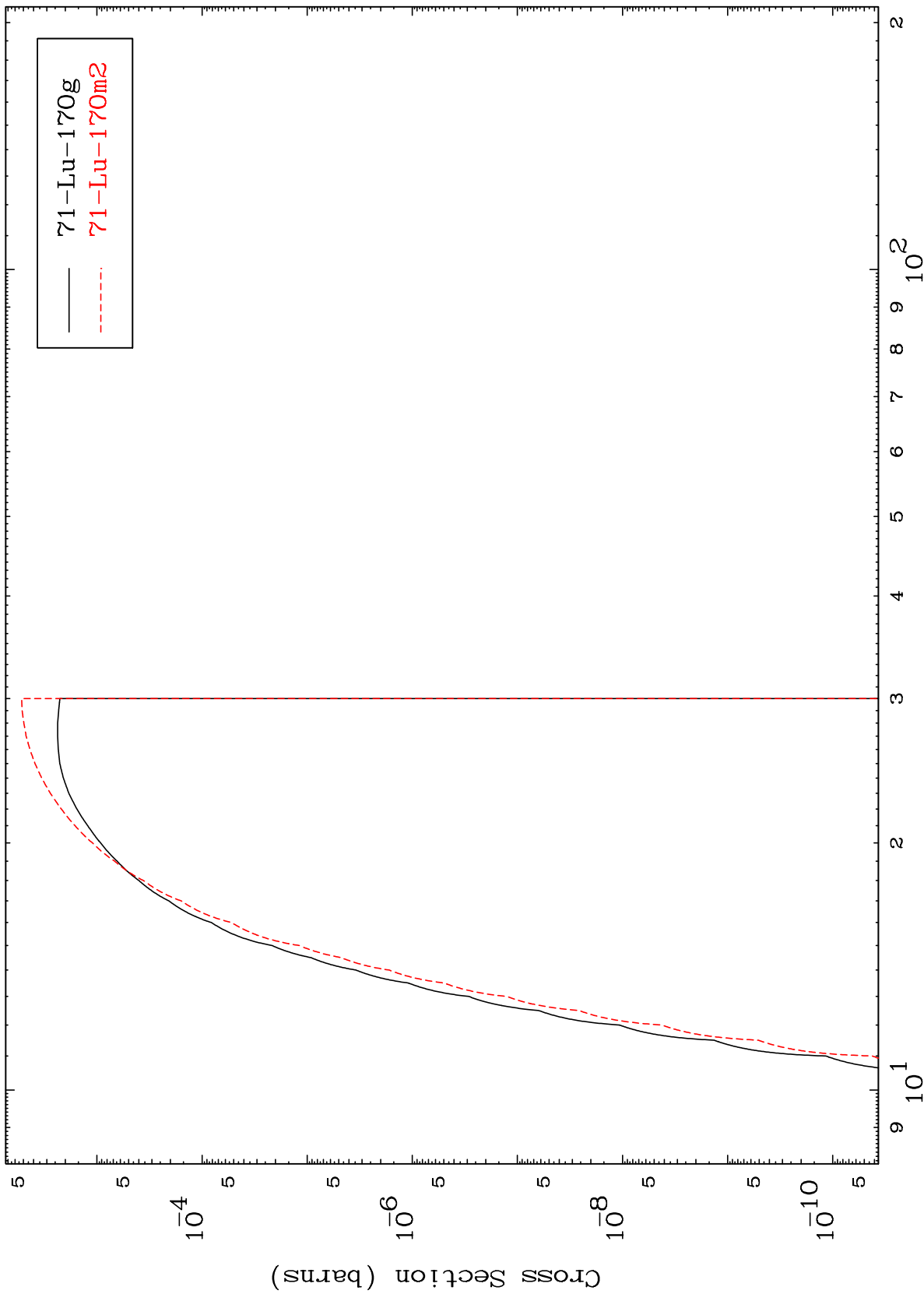
139

72-Hf-172

MAT 7219

72-Hf-172

(n, t)
Radionuclide Production Cross Section



72-Hf-172

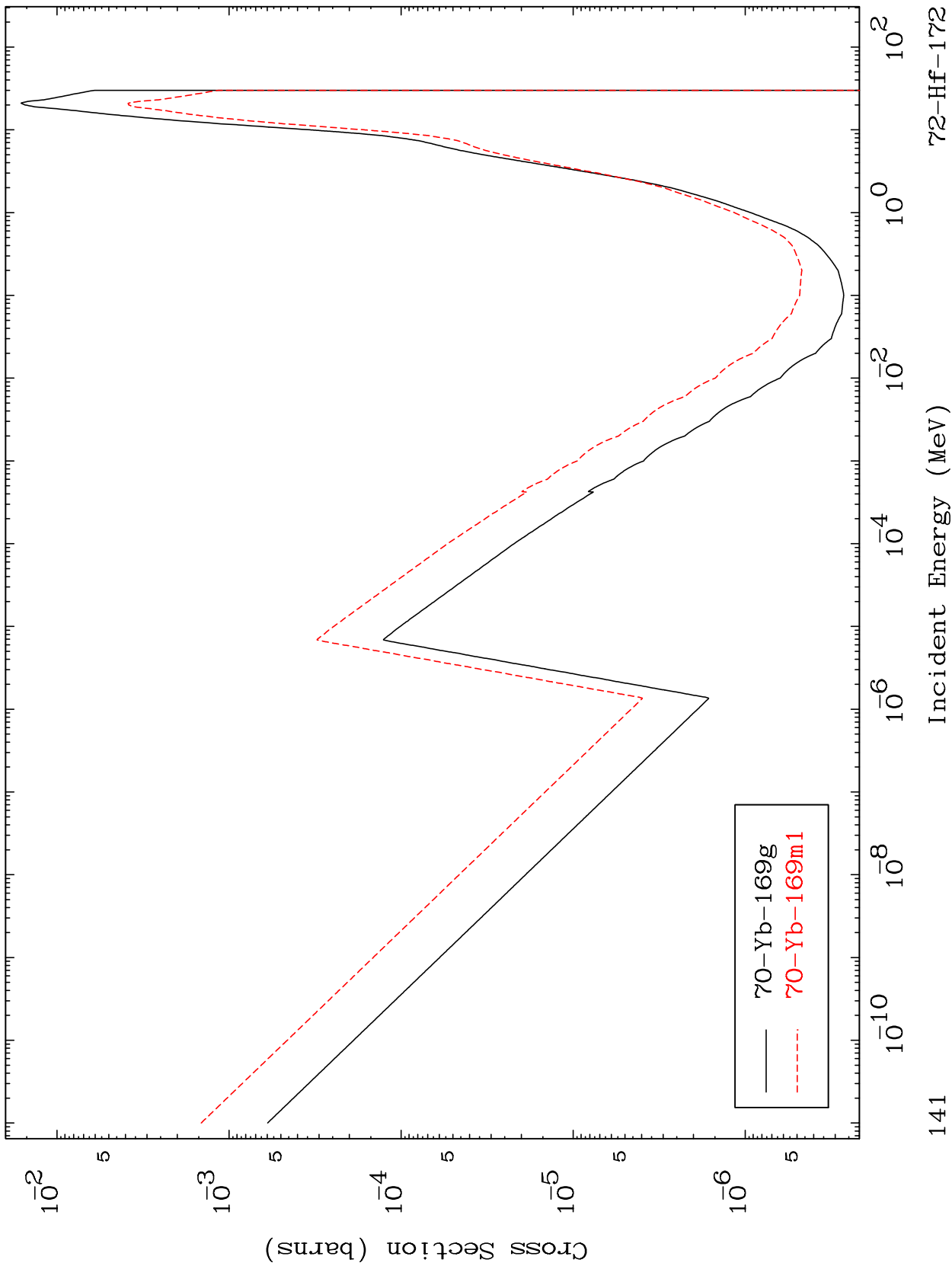
Incident Energy (MeV)

140

MAT 7219

72-Hf-172

(n, α)
Radionuclide Production Cross Section



141

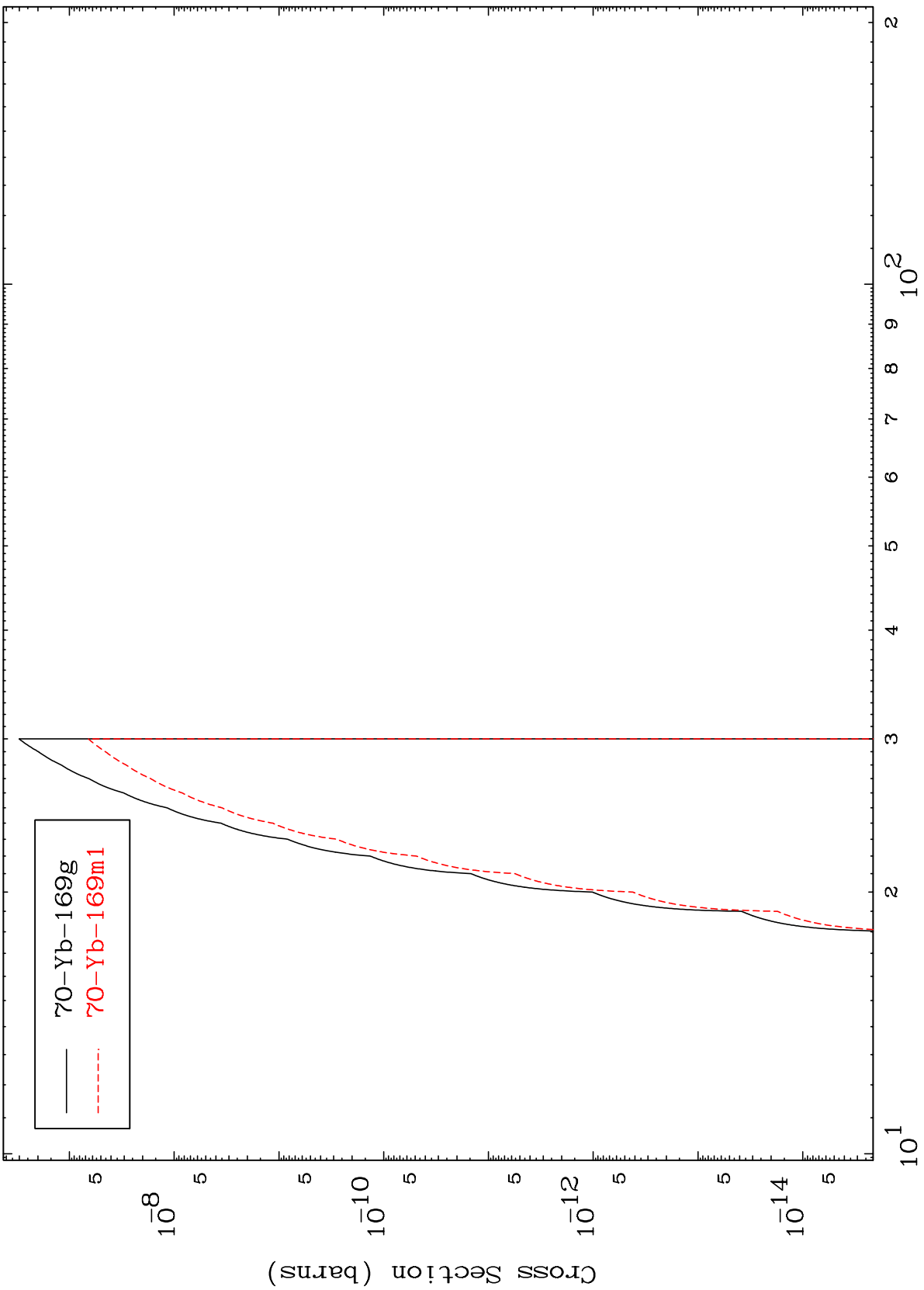
72-Hf-172

MAT 7219

(n,p) t

72-Hf-172

Radionuclide Production Cross Section



142

Incident Energy (MeV)

72-Hf-172