

Program EVALPLOT
(Version 2018-1)

by

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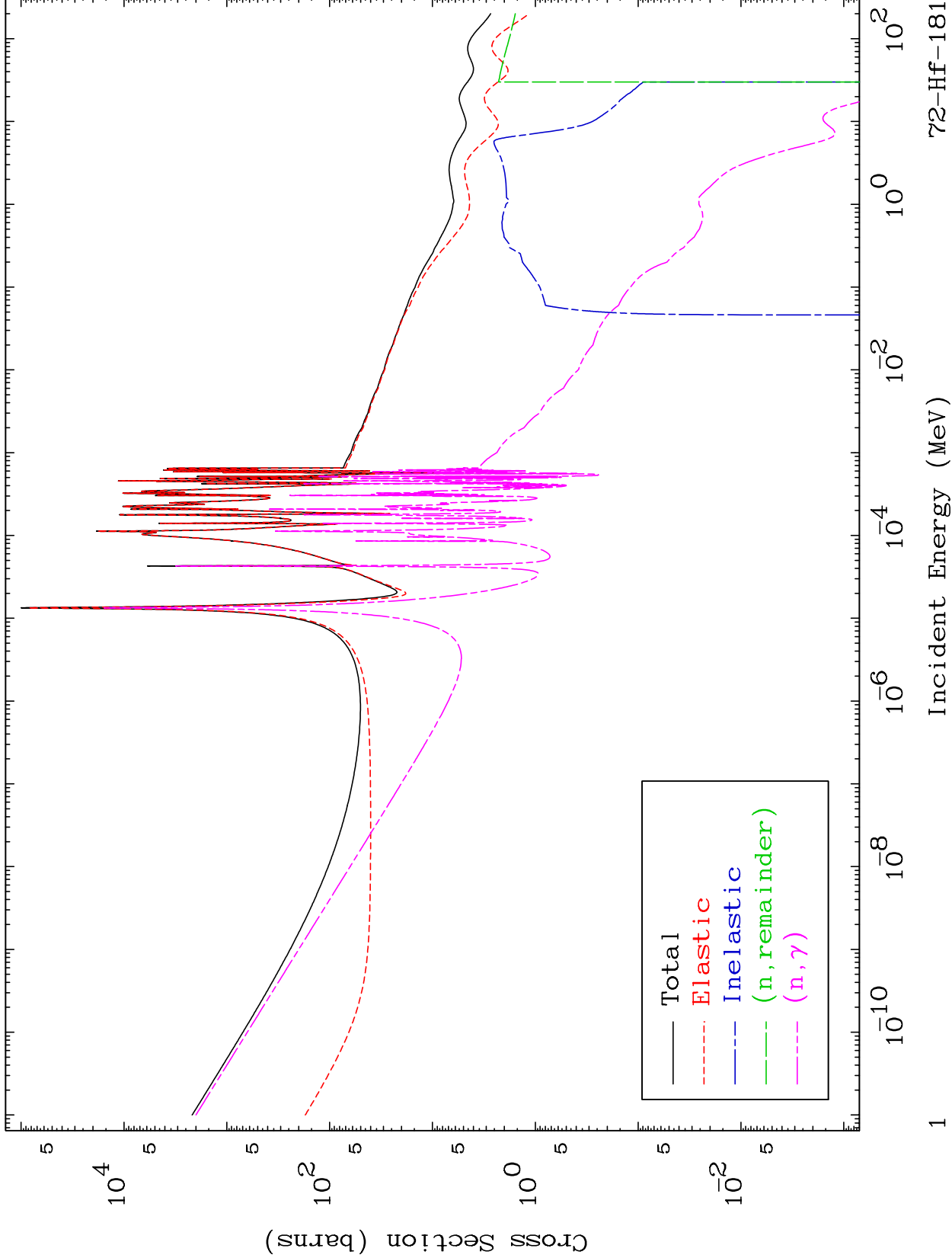
Press Mouse Button to Start

MAT 7246

Major

293 Kelvin Cross Sections

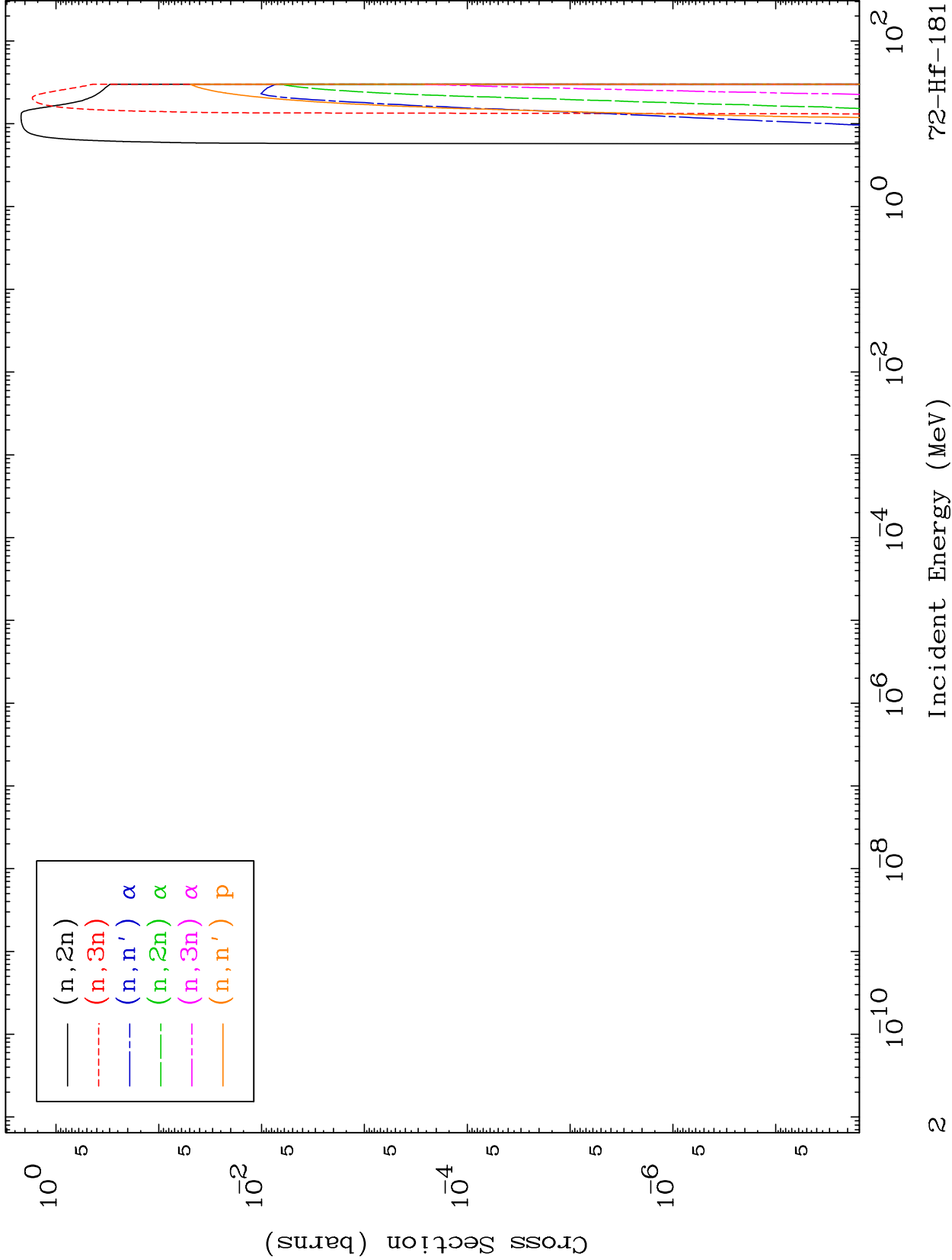
72-Hf-181

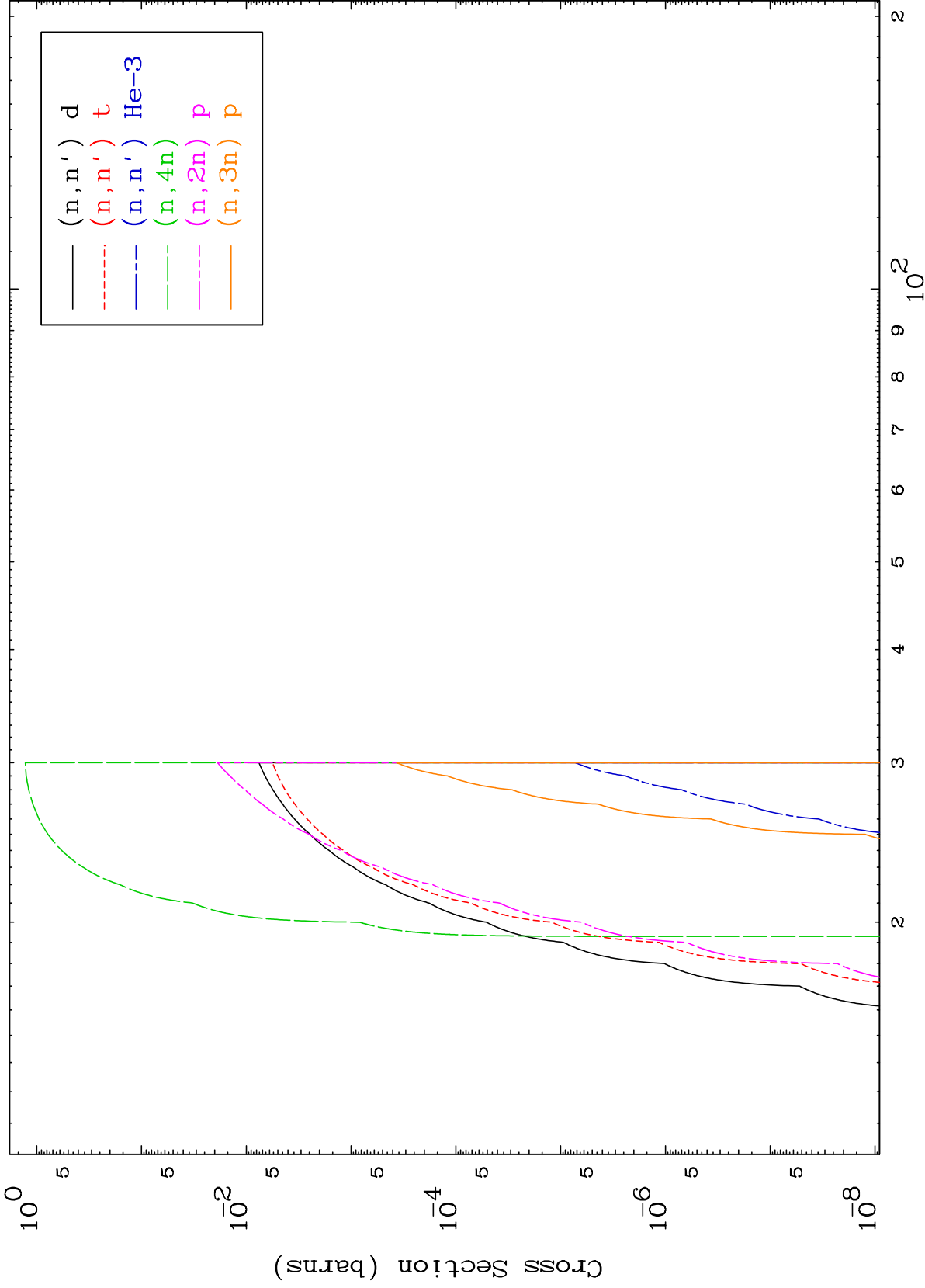


MAT 7246

Neutron Production
293 Kelvin Cross Sections

72-Hf-181

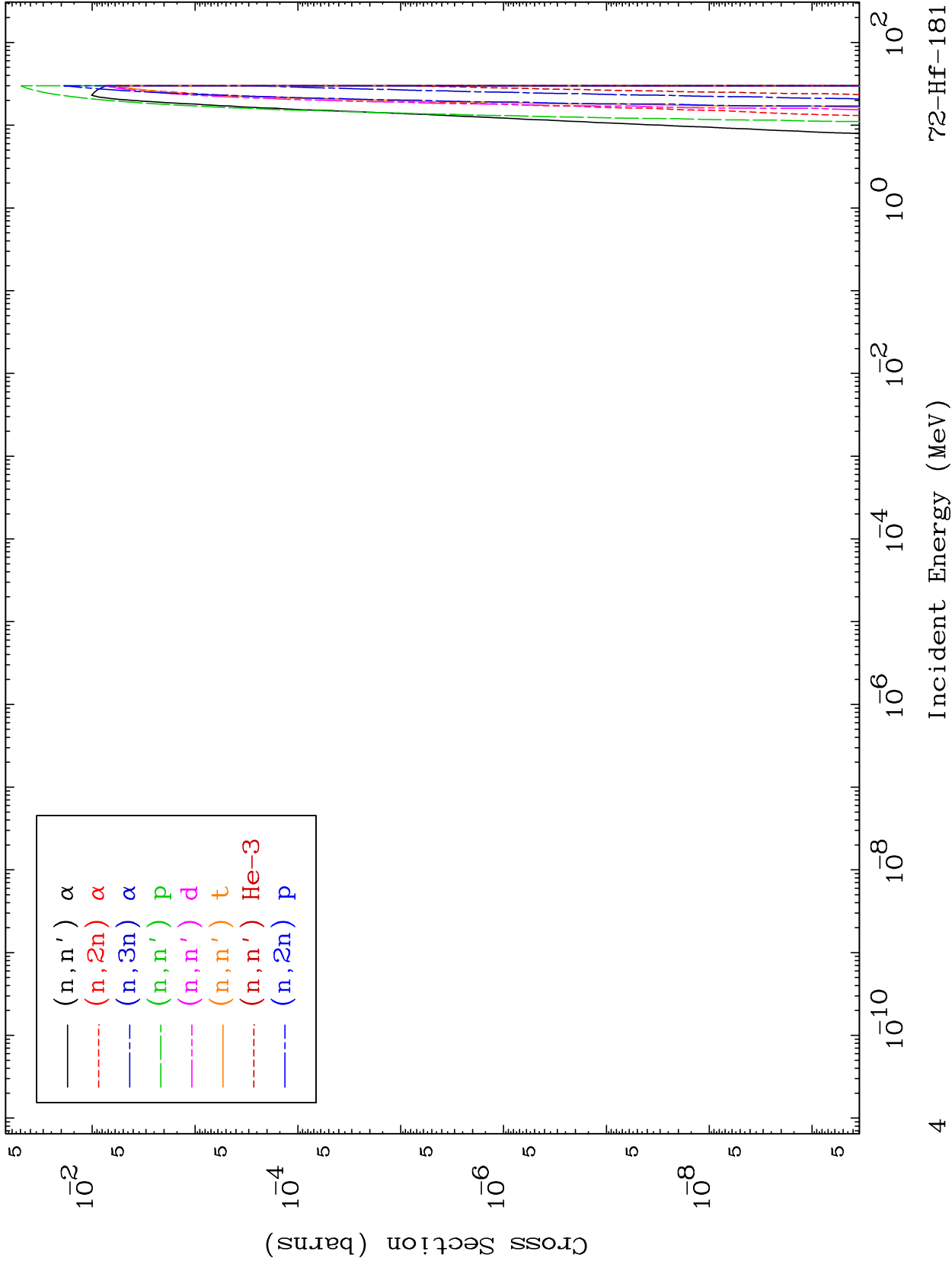




MAT 7246

Charged Particle
293 Kelvin Cross Sections

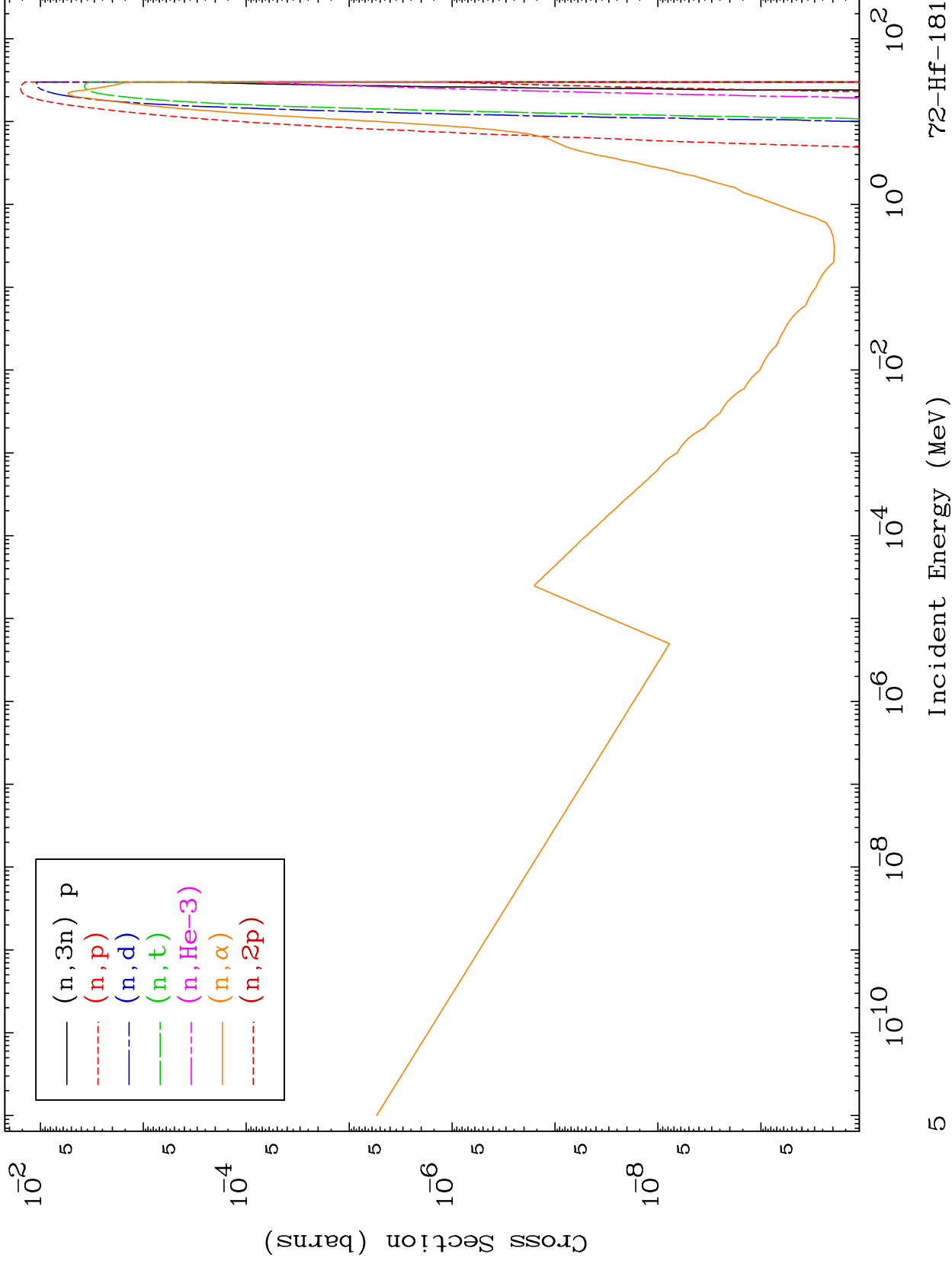
72-Hf-181



MAT 7246

Charged Particle
293 Kelvin Cross Sections

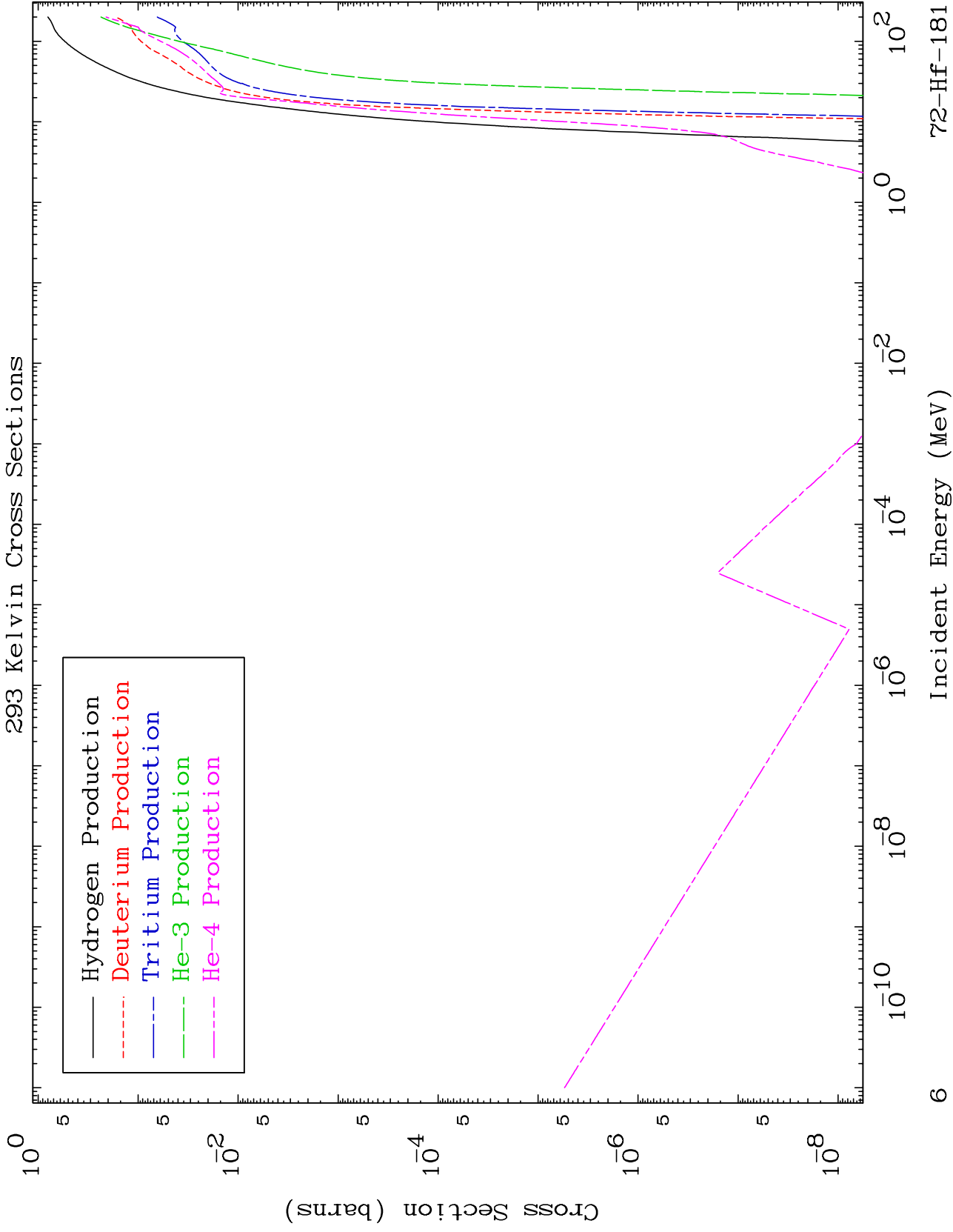
72-Hf-181



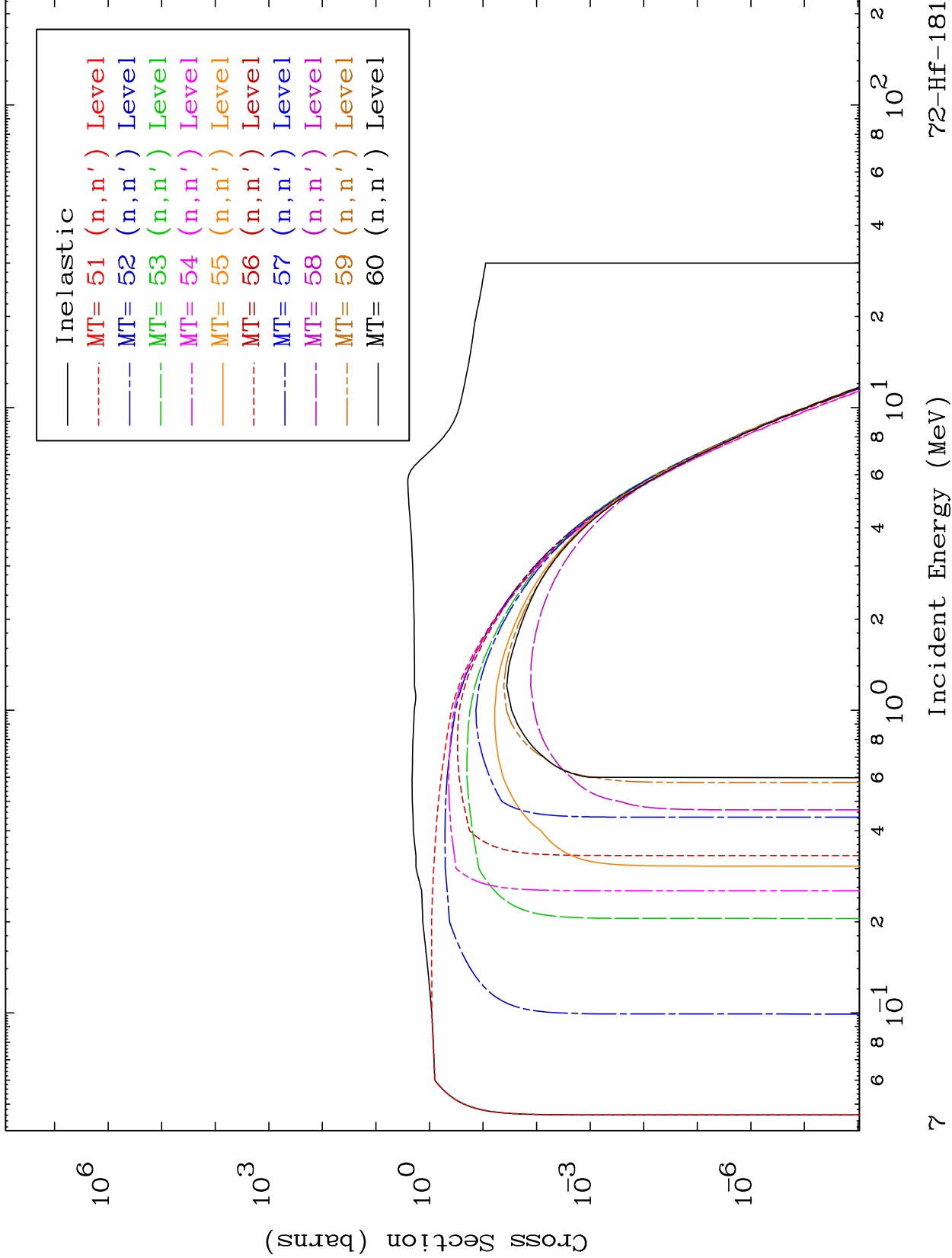
MAT 7246

Particle Production
293 Kelvin Cross Sections

72-Hf-181



293 Kelvin Cross Sections

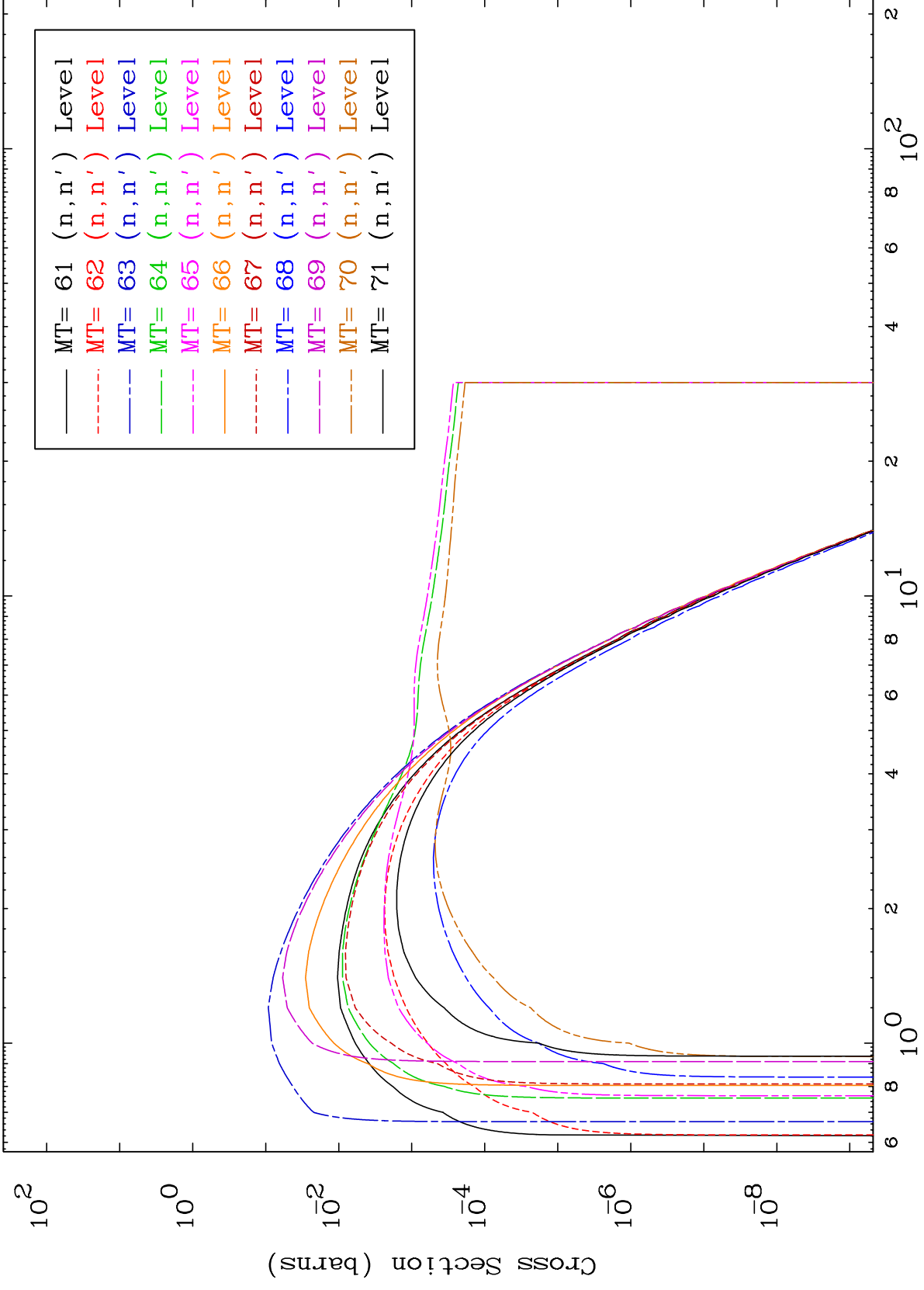


MAT 7246

(n,n') Level

72-Hf-181

293 Kelvin Cross Sections



Incident Energy (MeV)

72-Hf-181

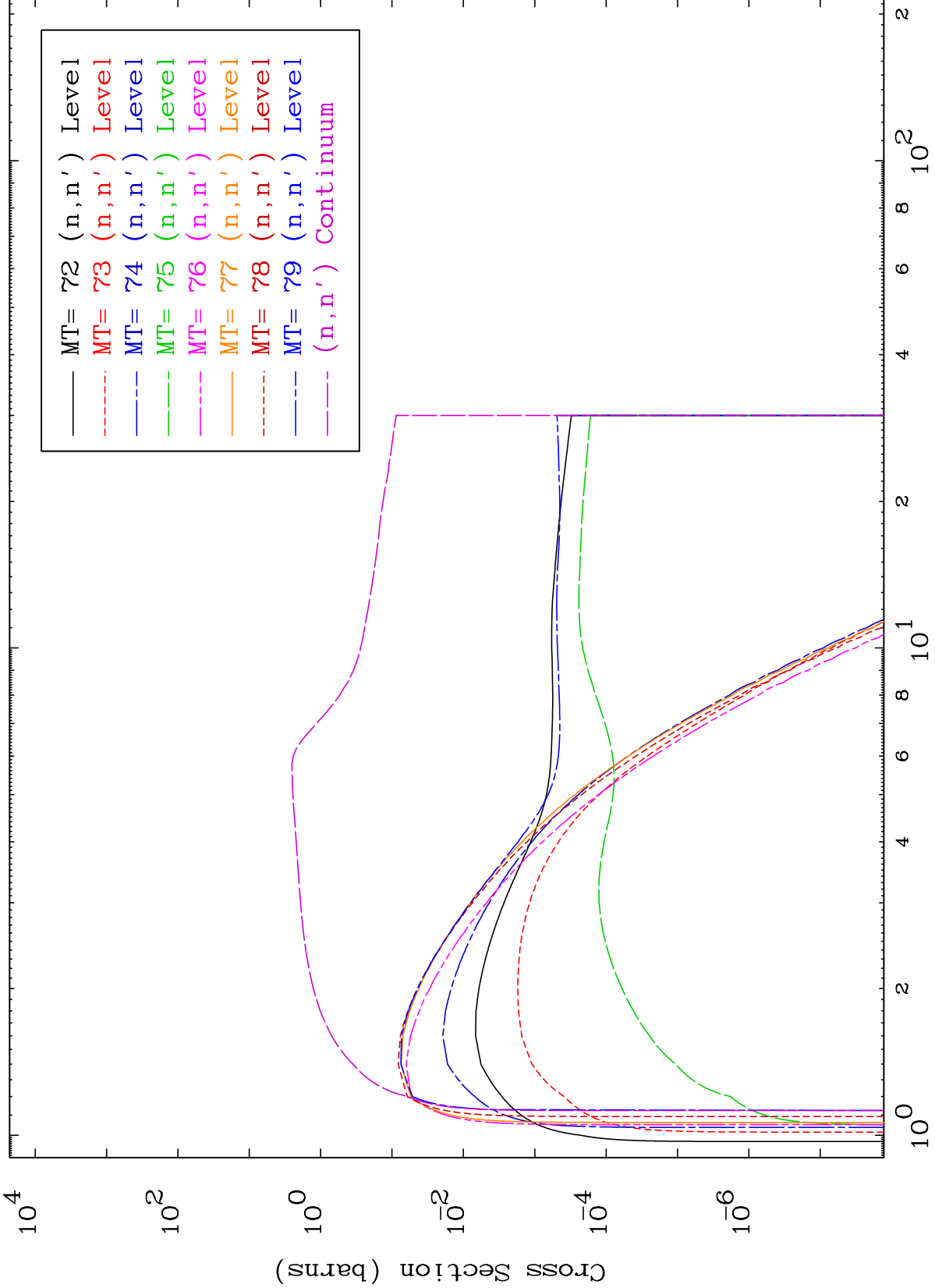
8

MAT 7246

(n,n') Level

72-Hf-181

293 Kelvin Cross Sections



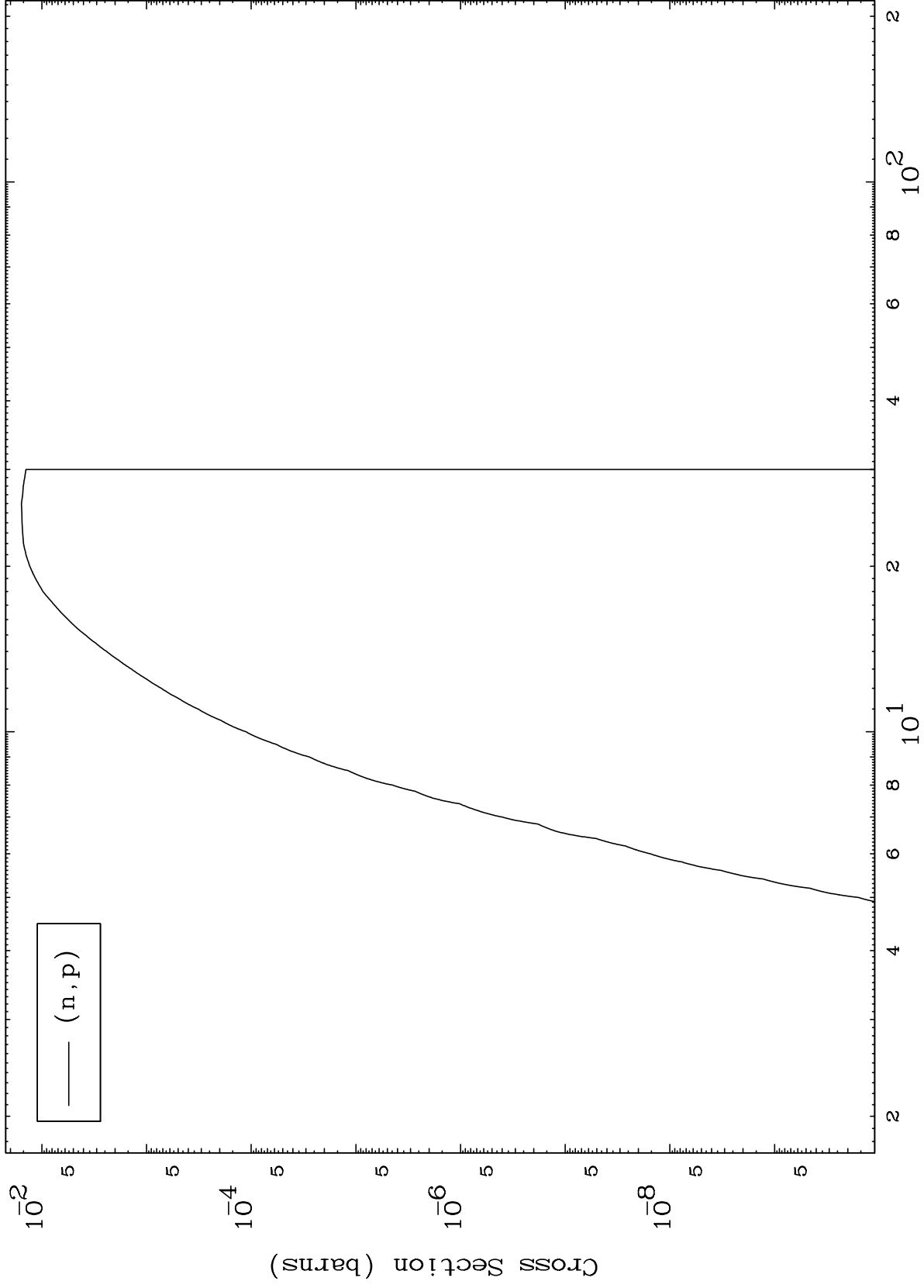
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-181



10

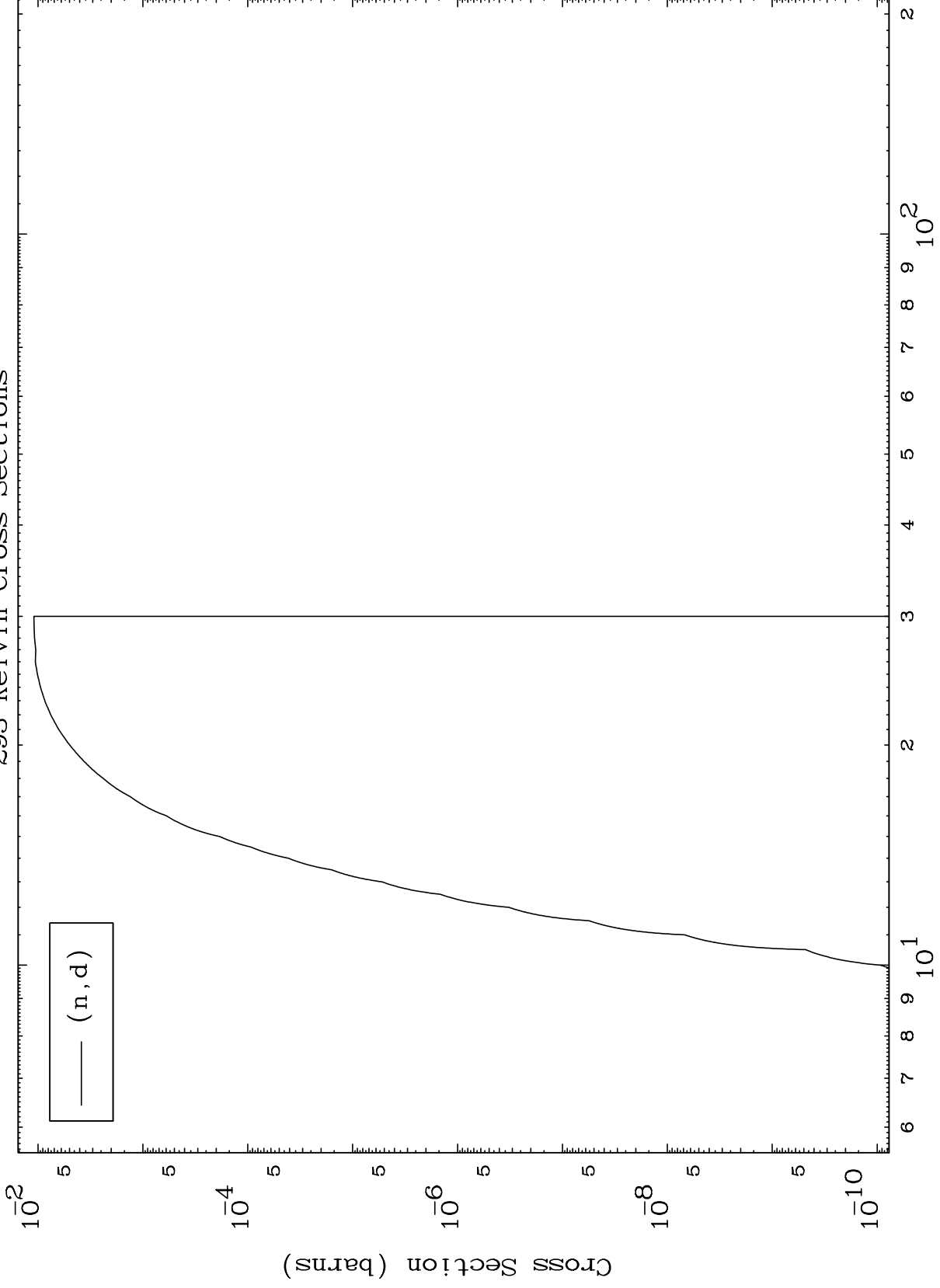
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,d) Levels
293 Kelvin Cross Sections

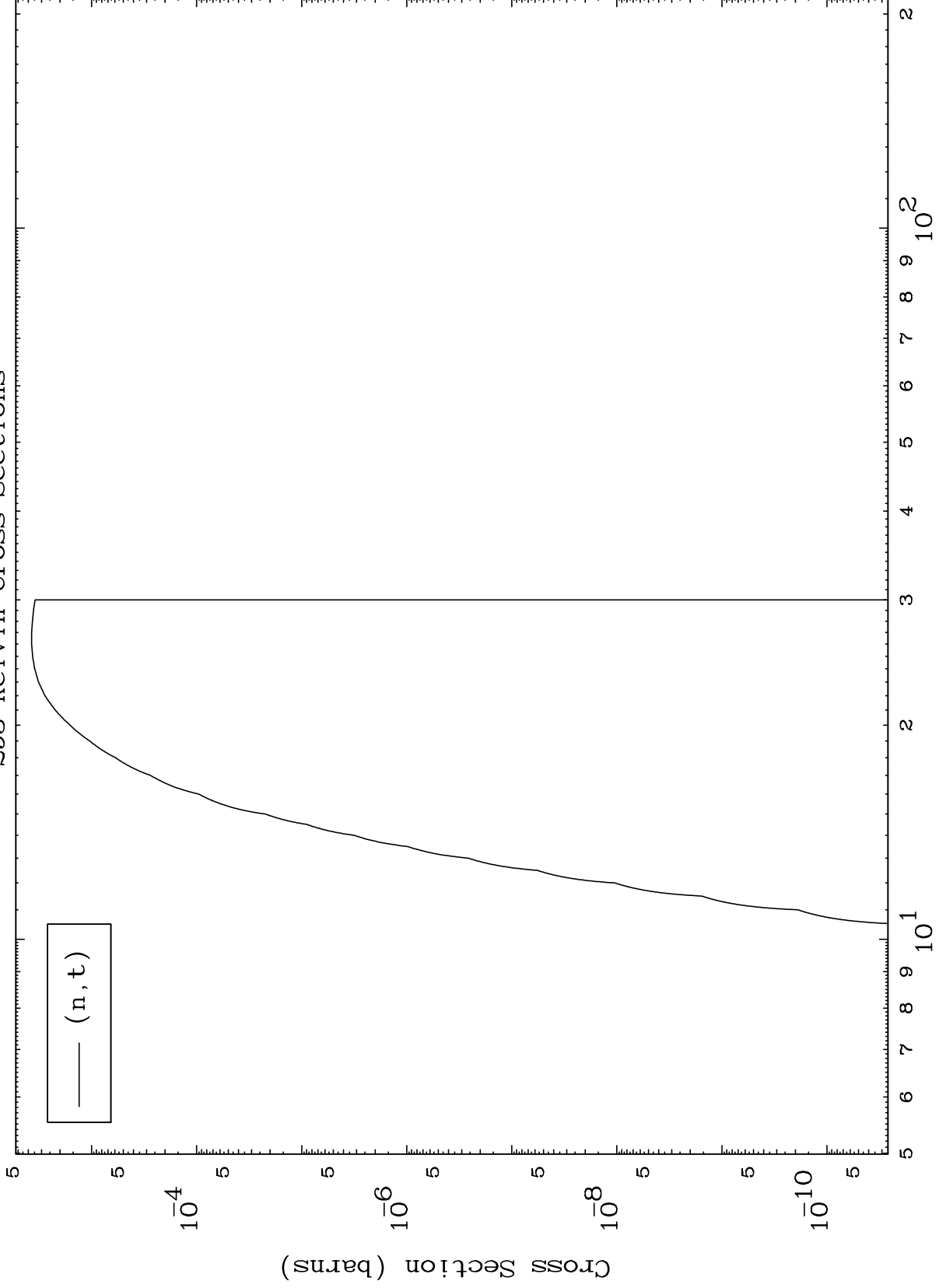
72-Hf-181



MAT 7246

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-181



12

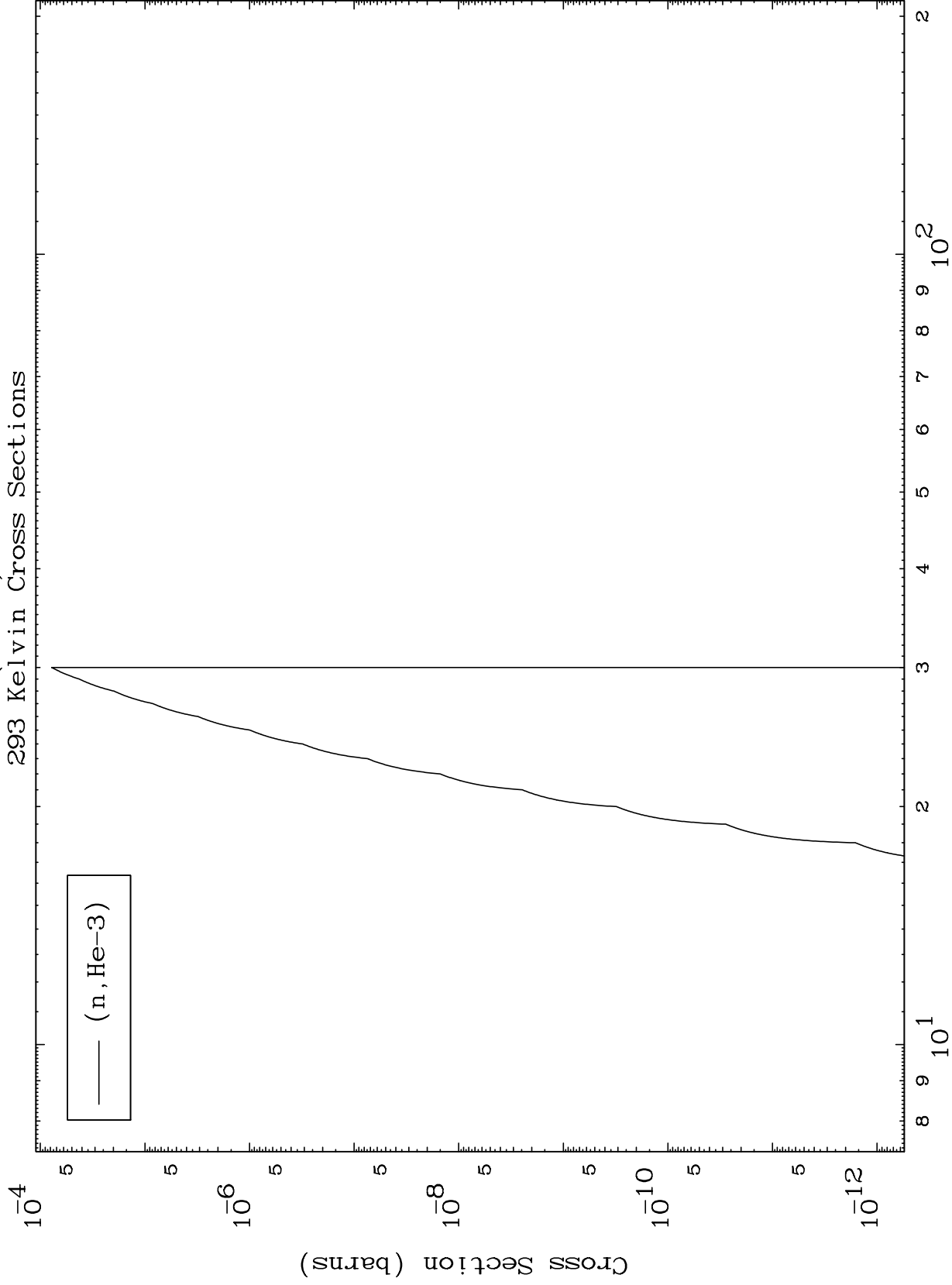
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

(n,He3) Levels
293 Kelvin Cross Sections



72-Hf-181

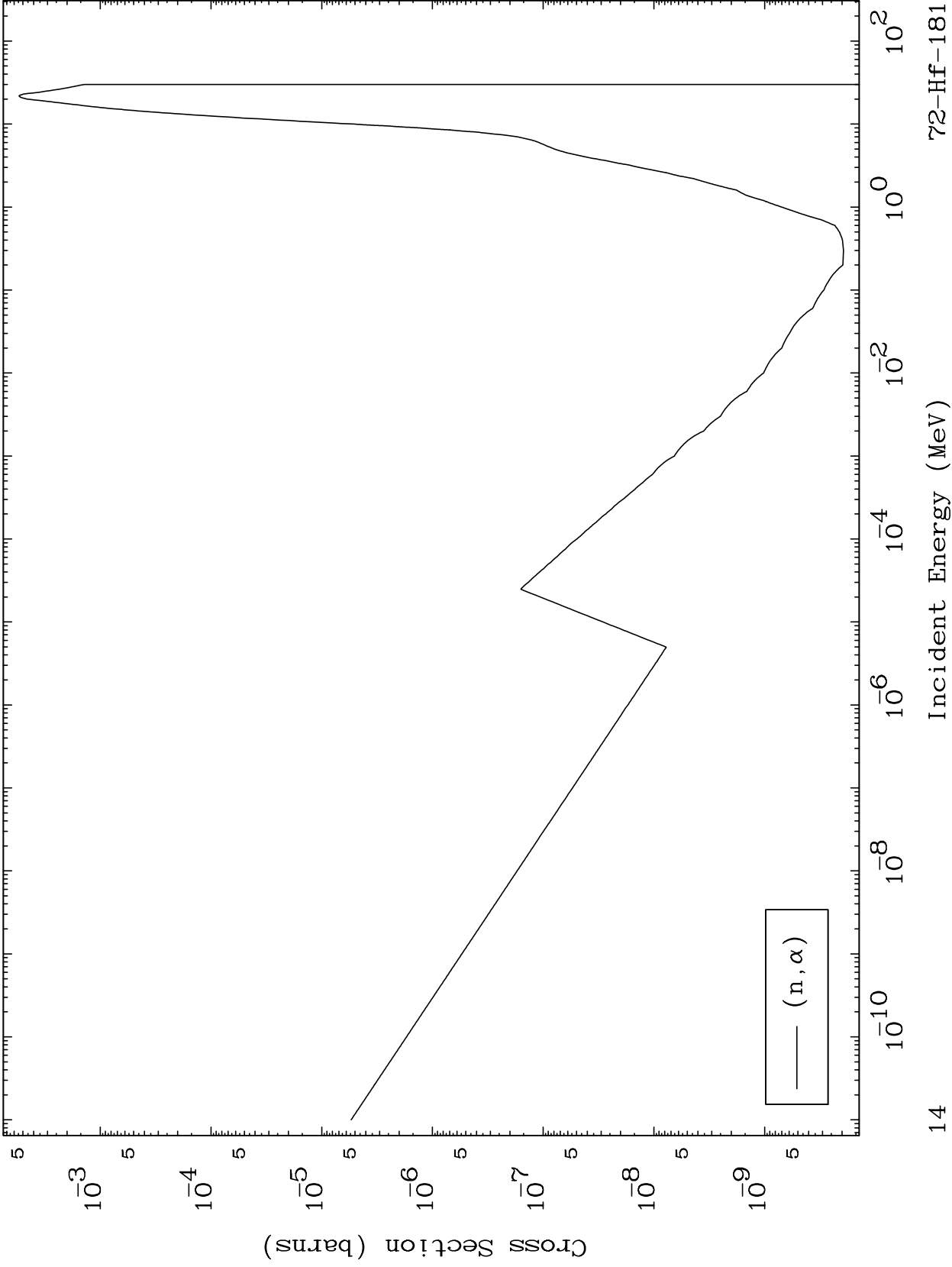
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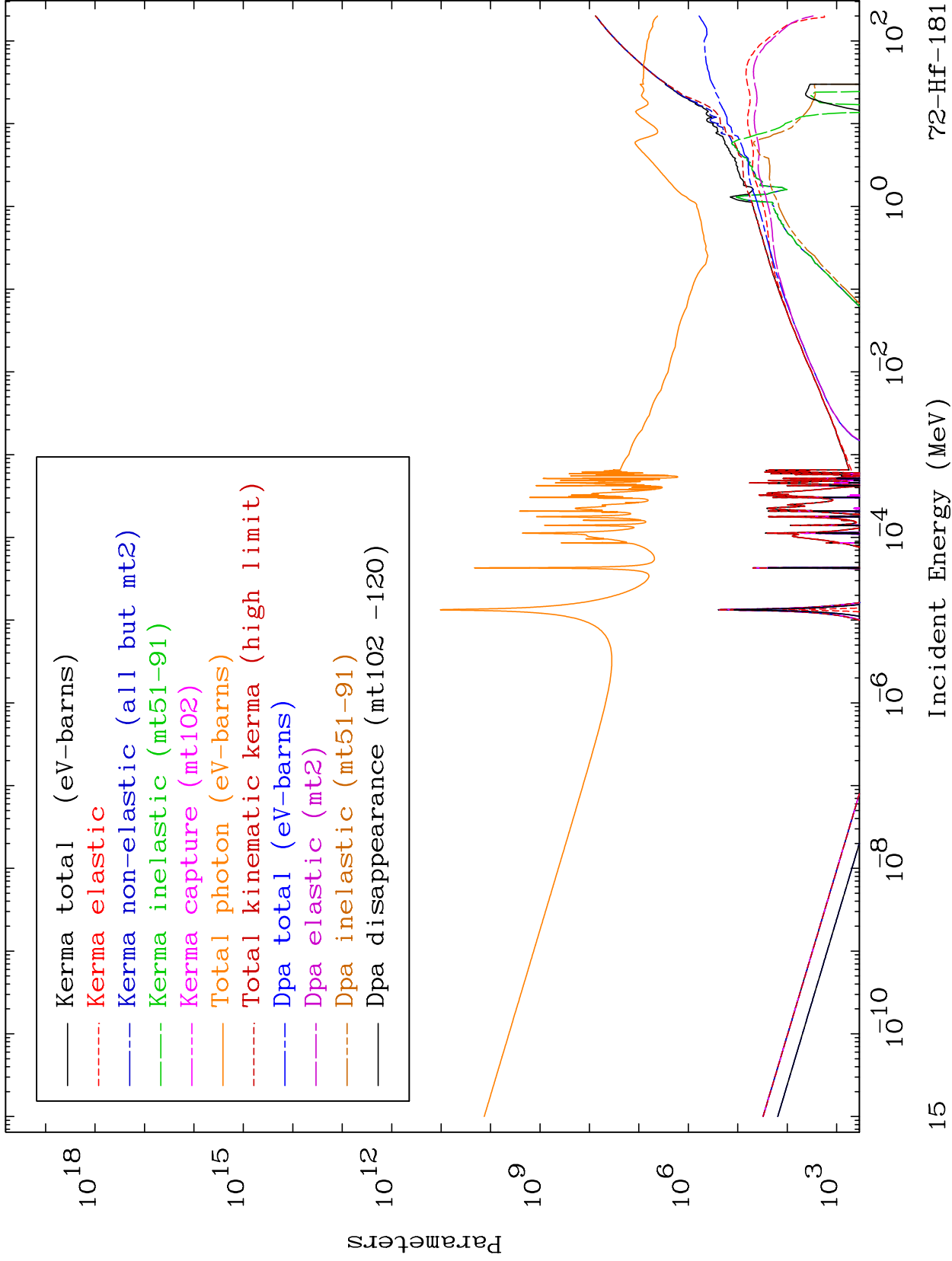
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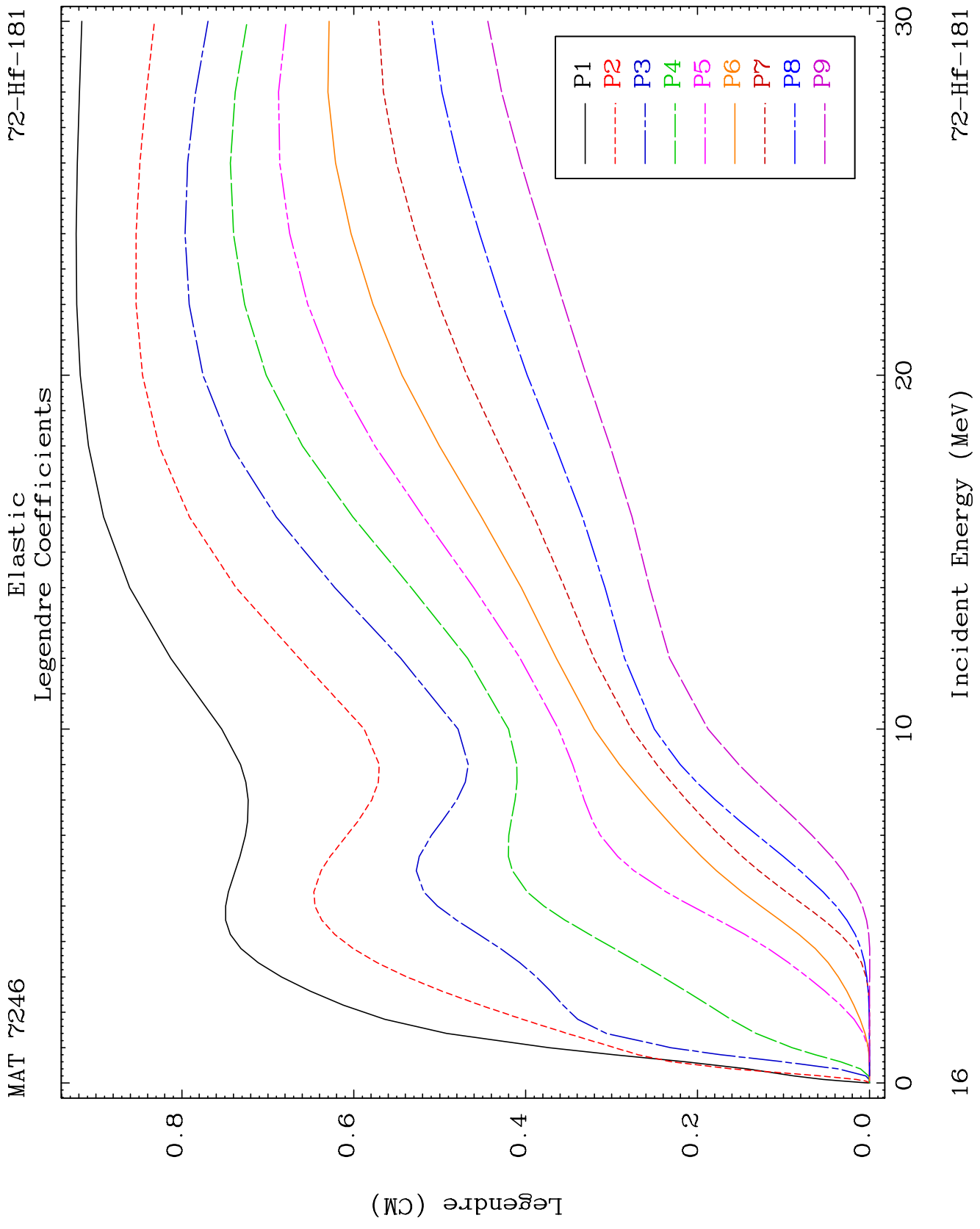
MAT 7246

(n,α) Levels
293 Kelvin Cross Sections

72-Hf-181



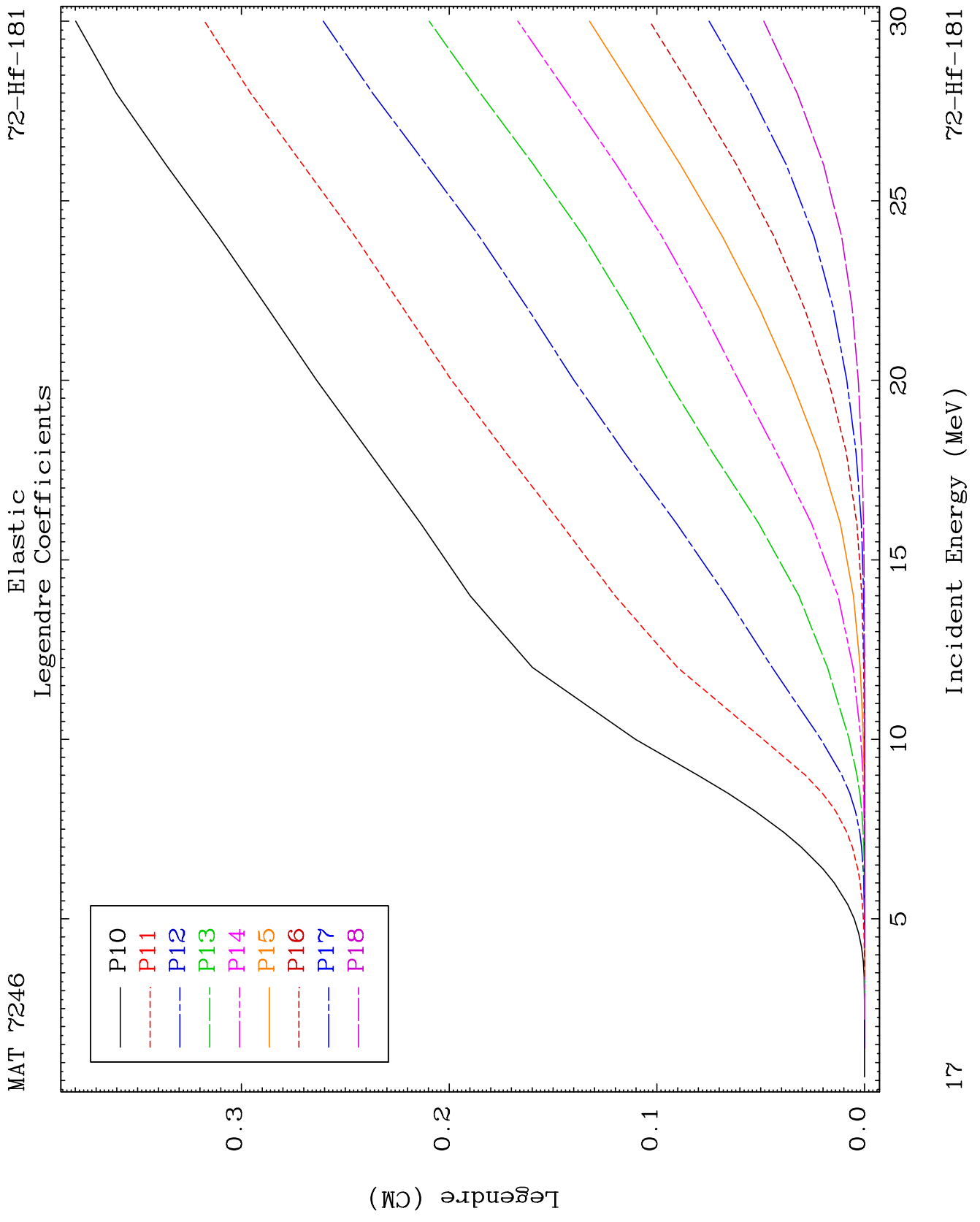




72-Hf-181

Incident Energy (MeV)

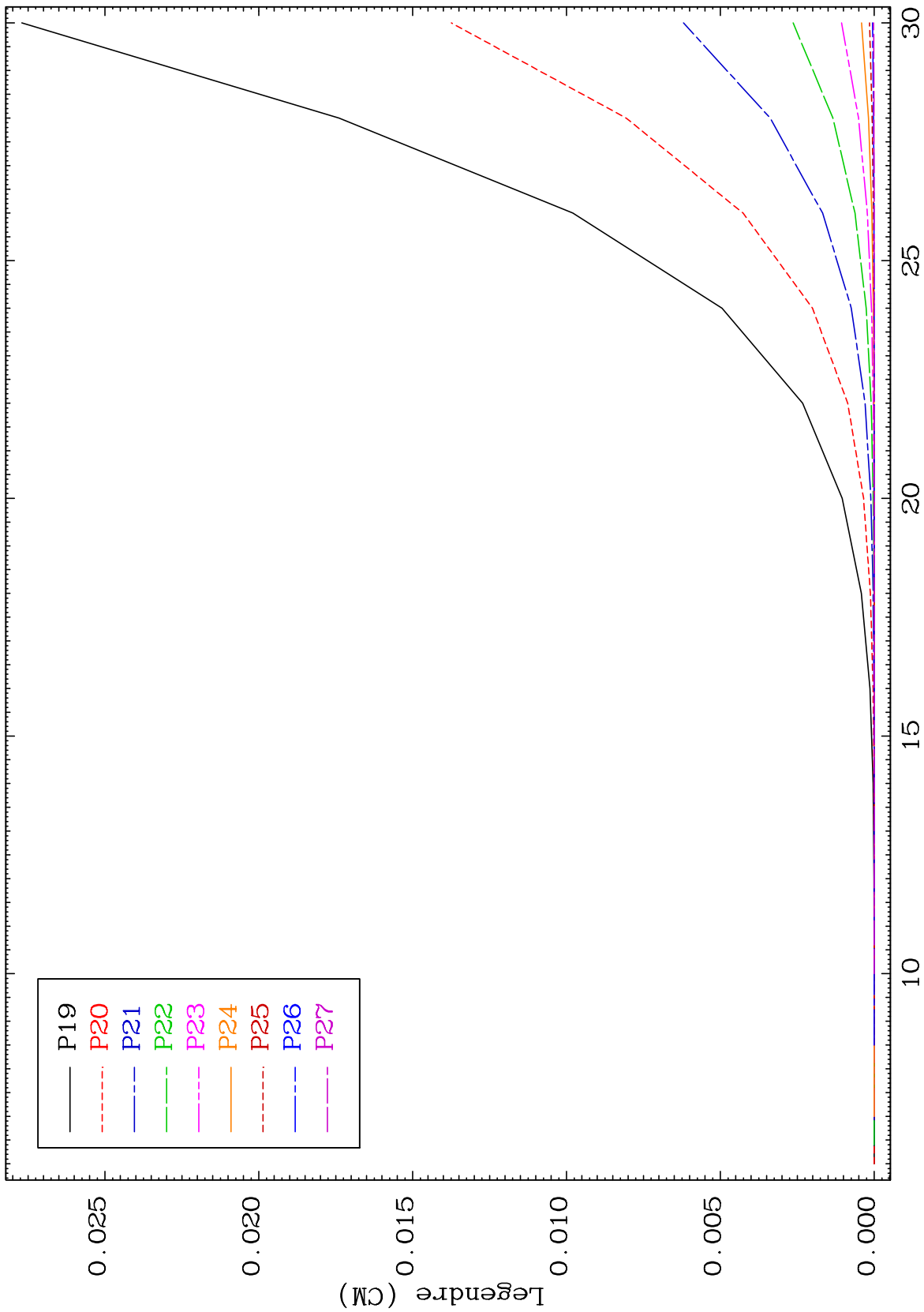
16



MAT 7246

Elastic Legendre Coefficients

72-Hf-181



18

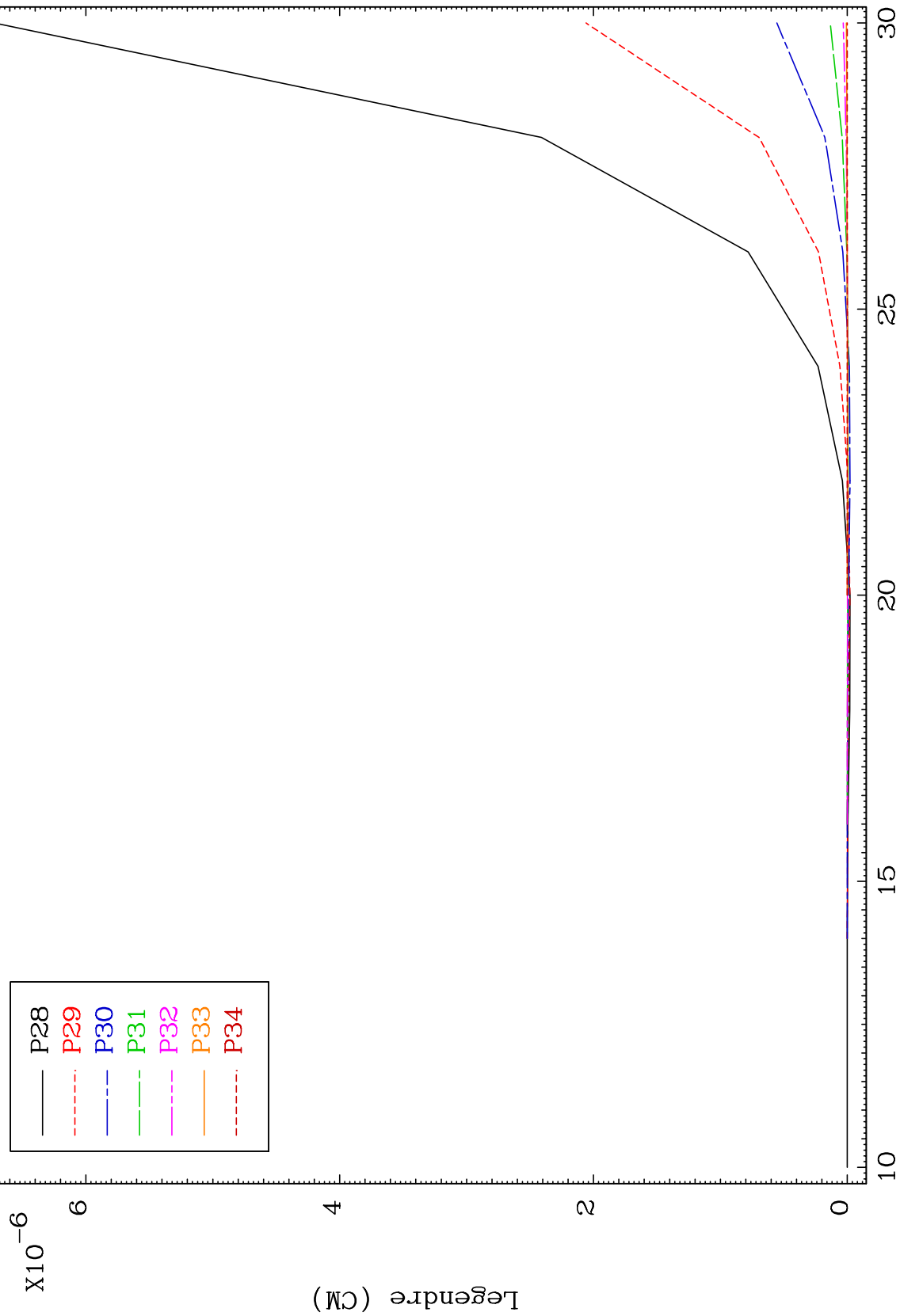
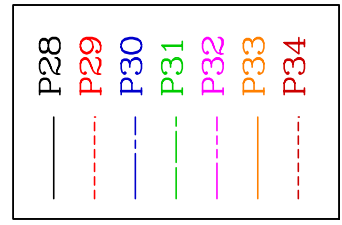
Incident Energy (MeV)

72-Hf-181

MAT 7246

Elastic Legendre Coefficients

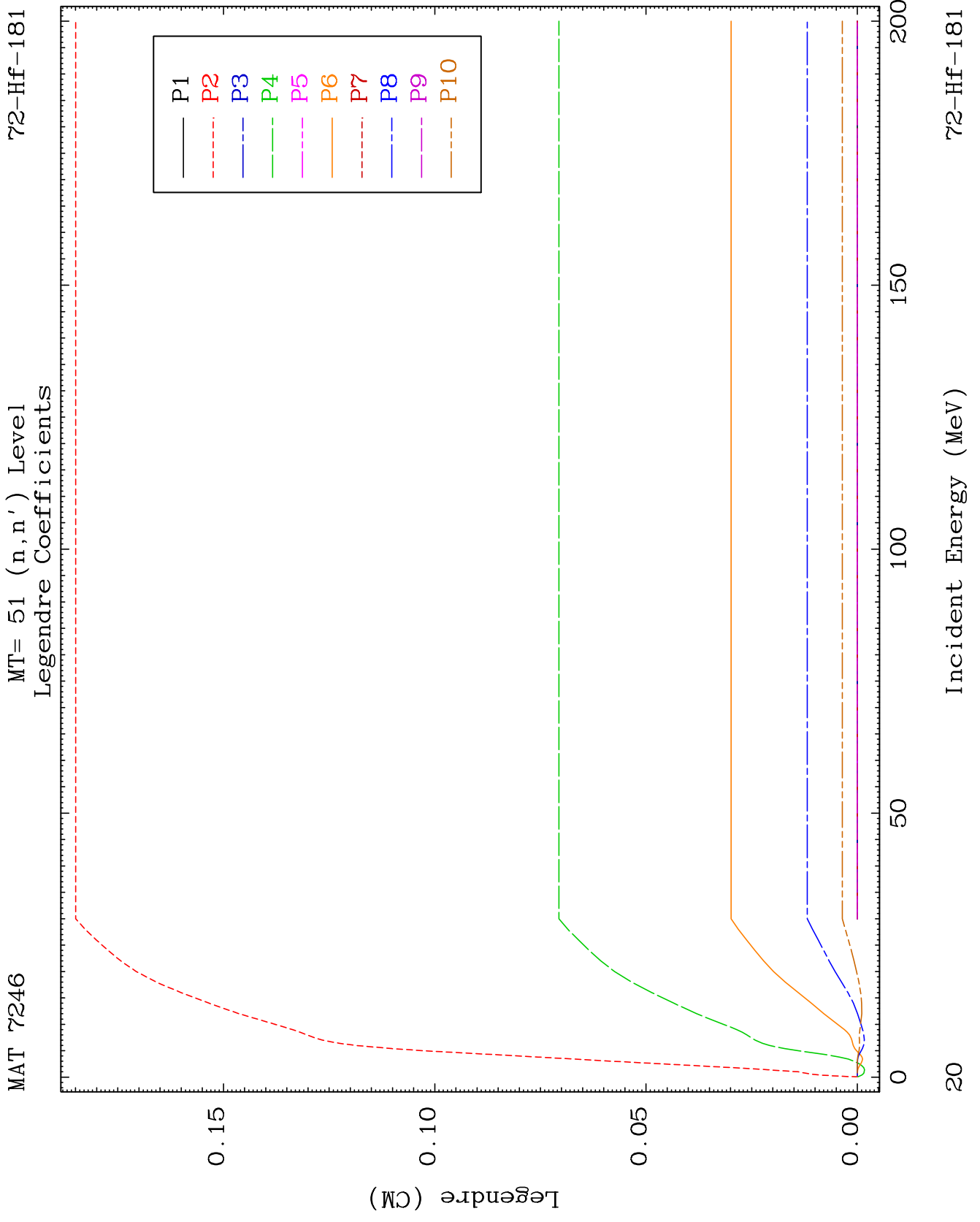
72-Hf-181



19

Incident Energy (MeV)

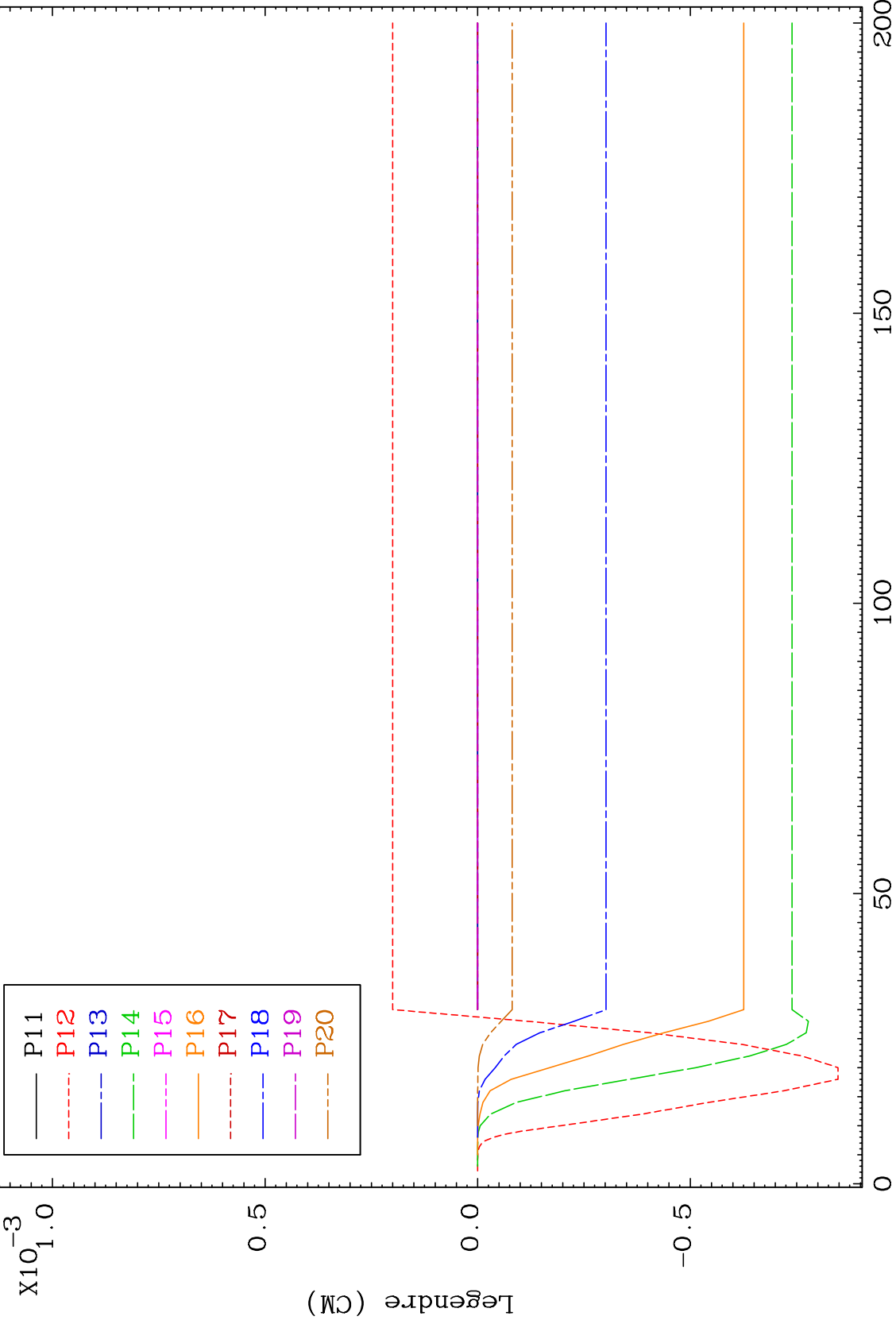
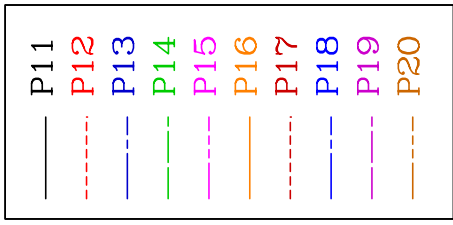
72-Hf-181



MAT 7246

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

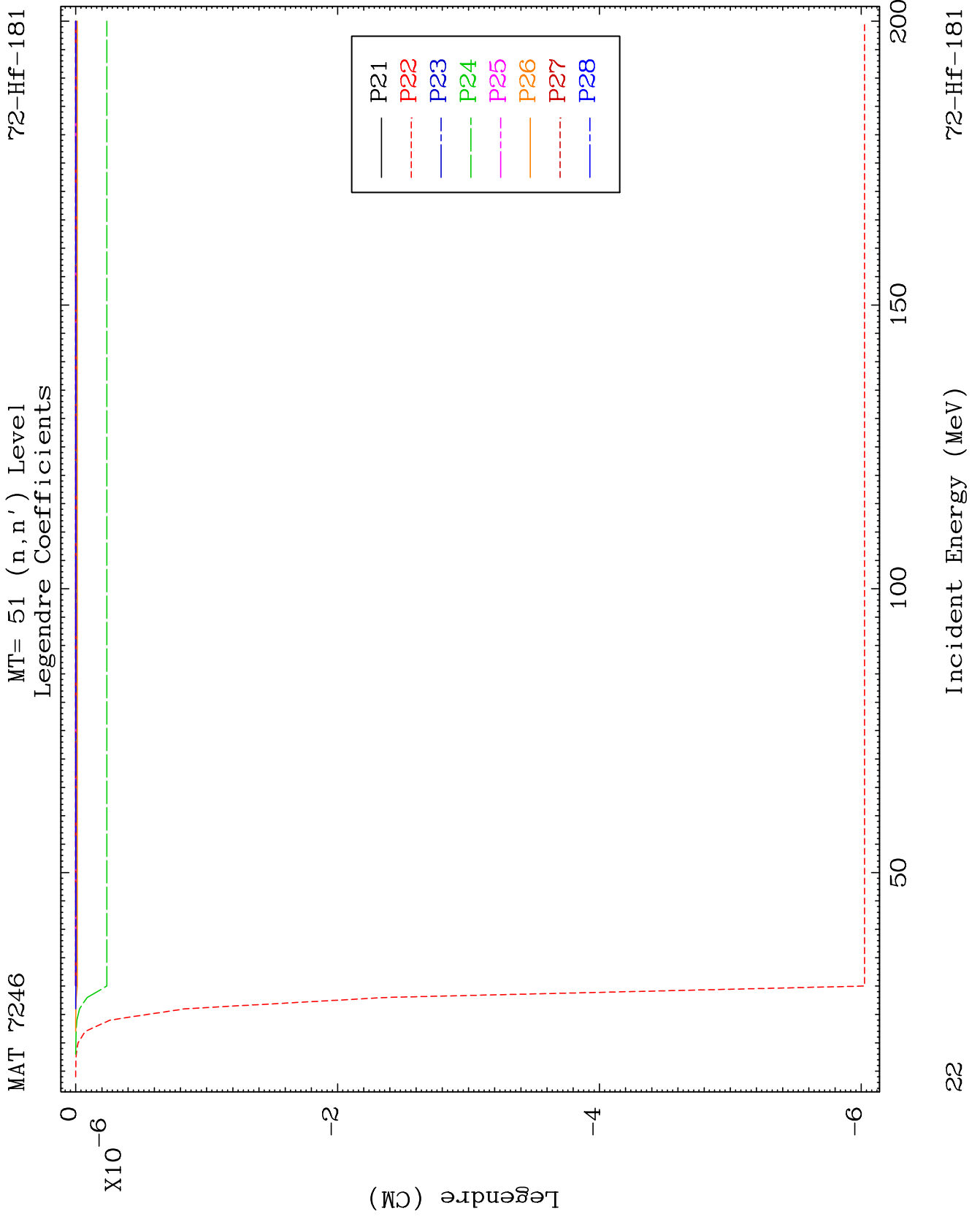
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21

Incident Energy (MeV)

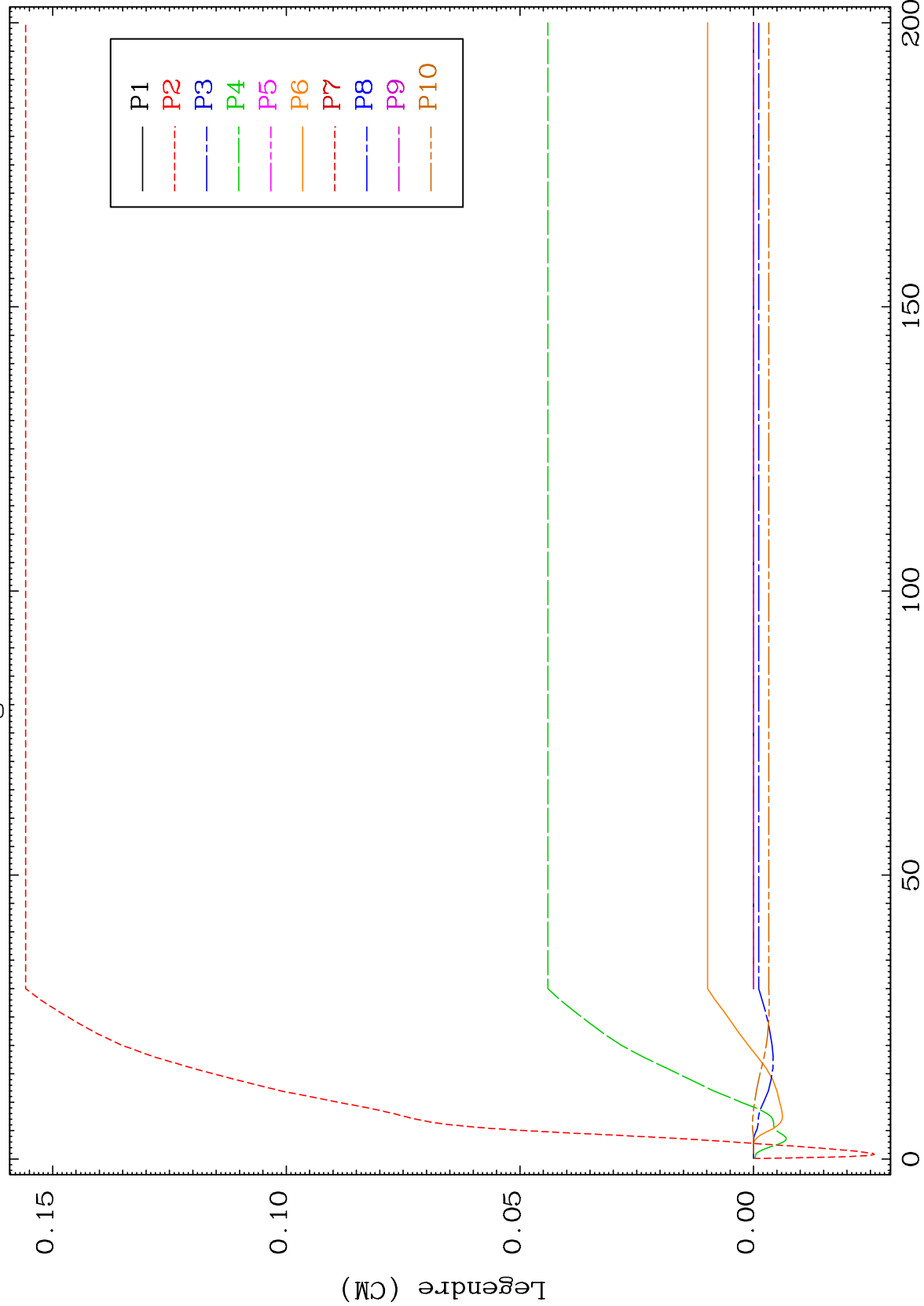
72-Hf-181



MAT 7246

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

72-Hf-181



23

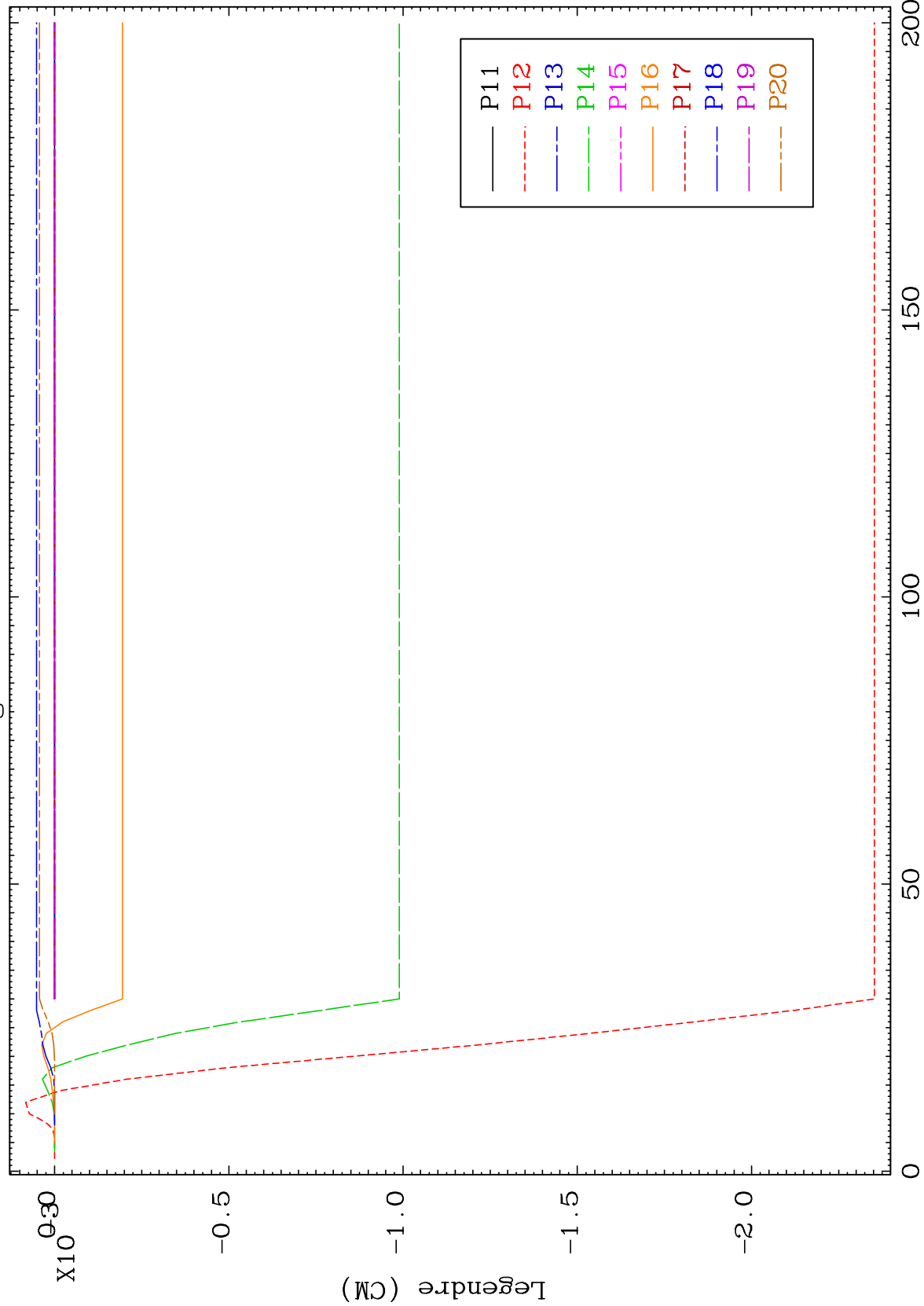
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

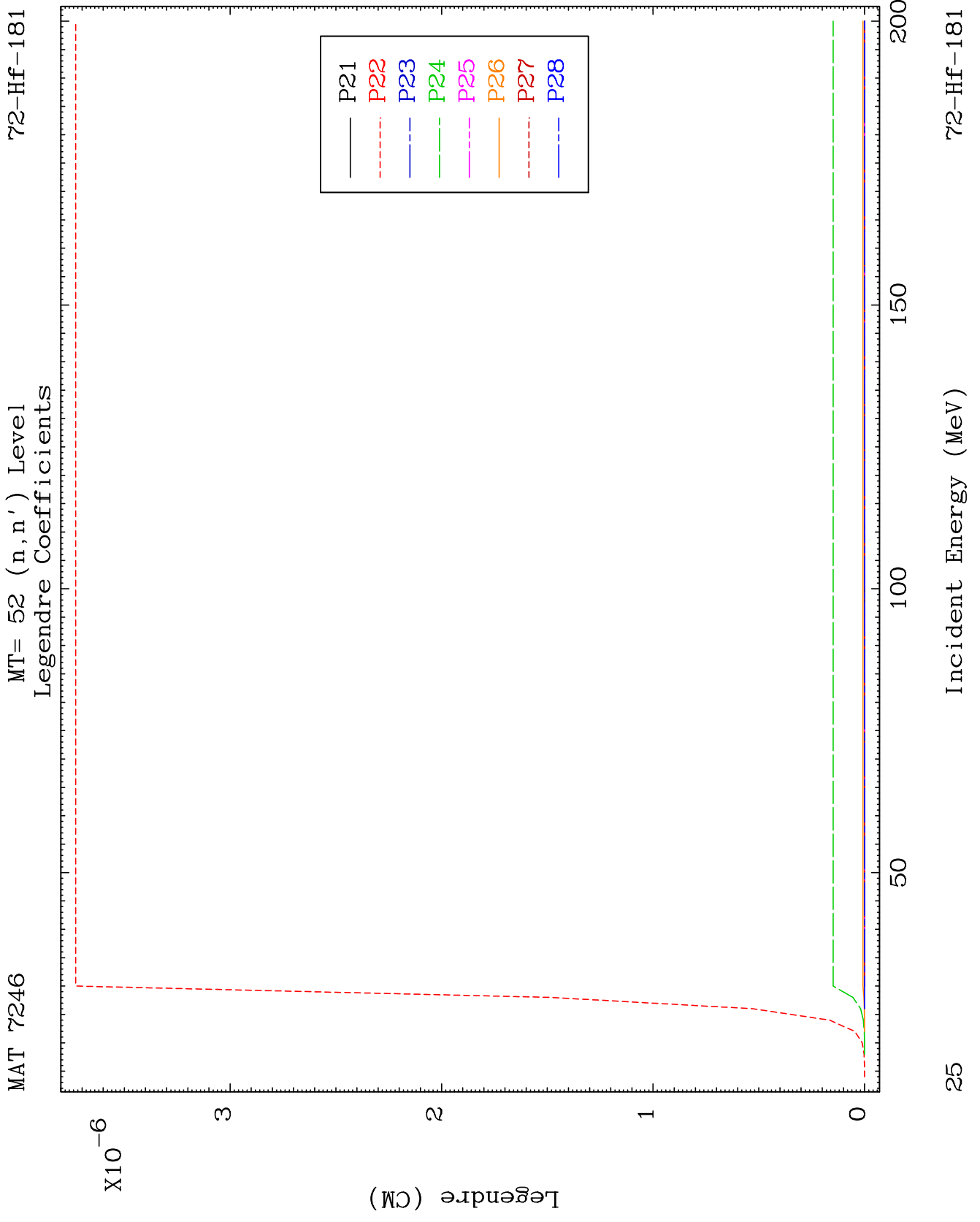
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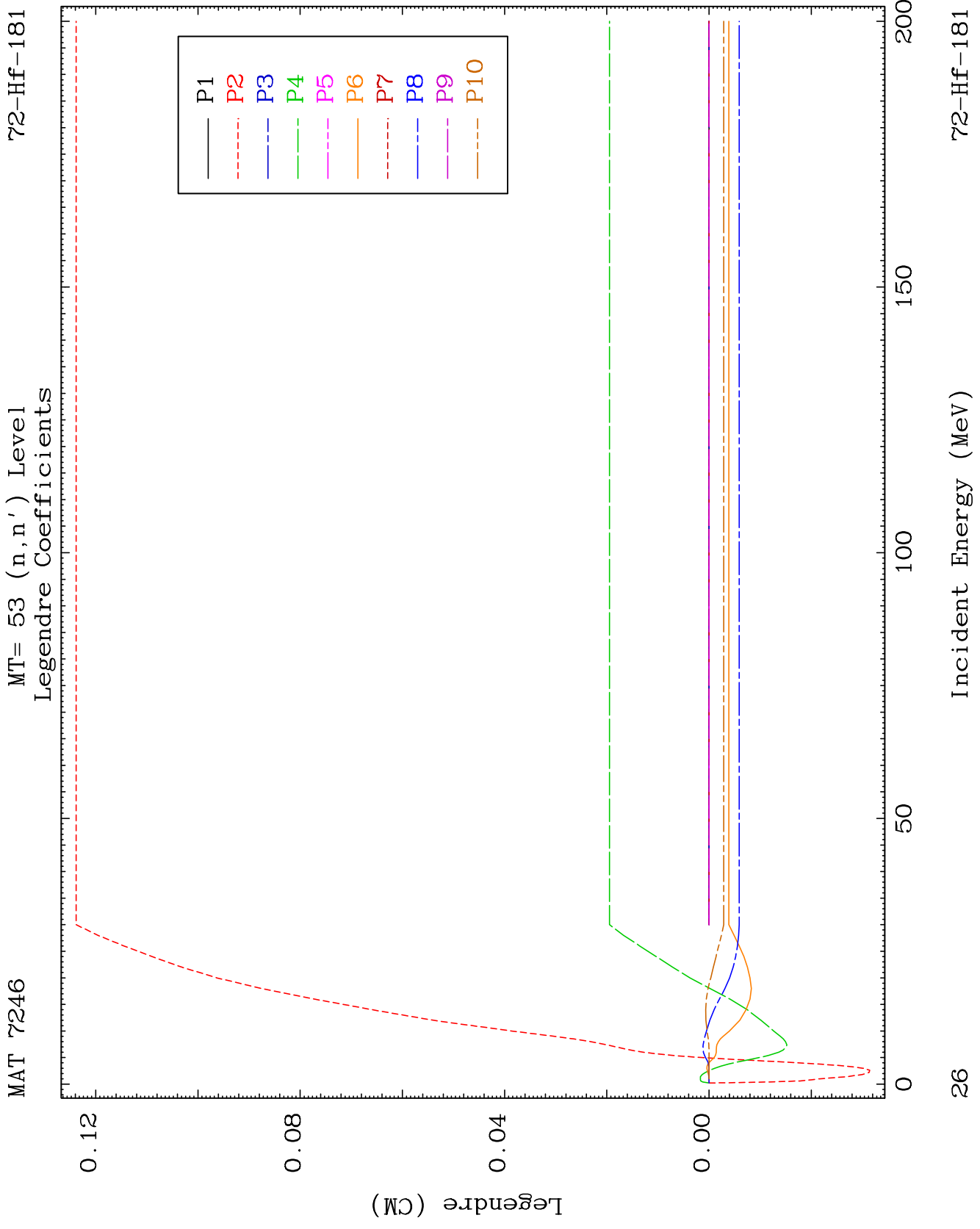


24

Incident Energy (MeV)

72-Hf-181

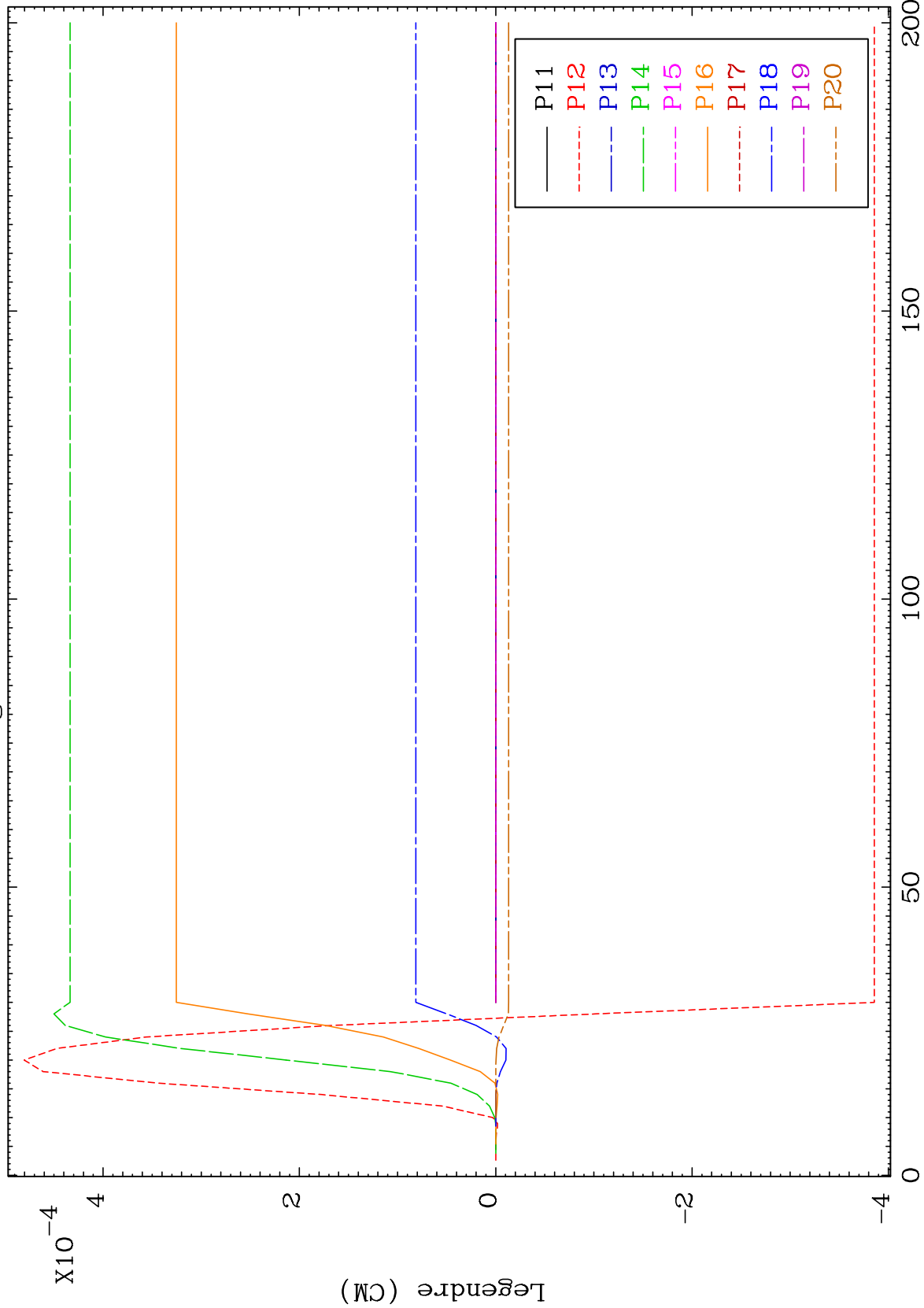




MAT 7246

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

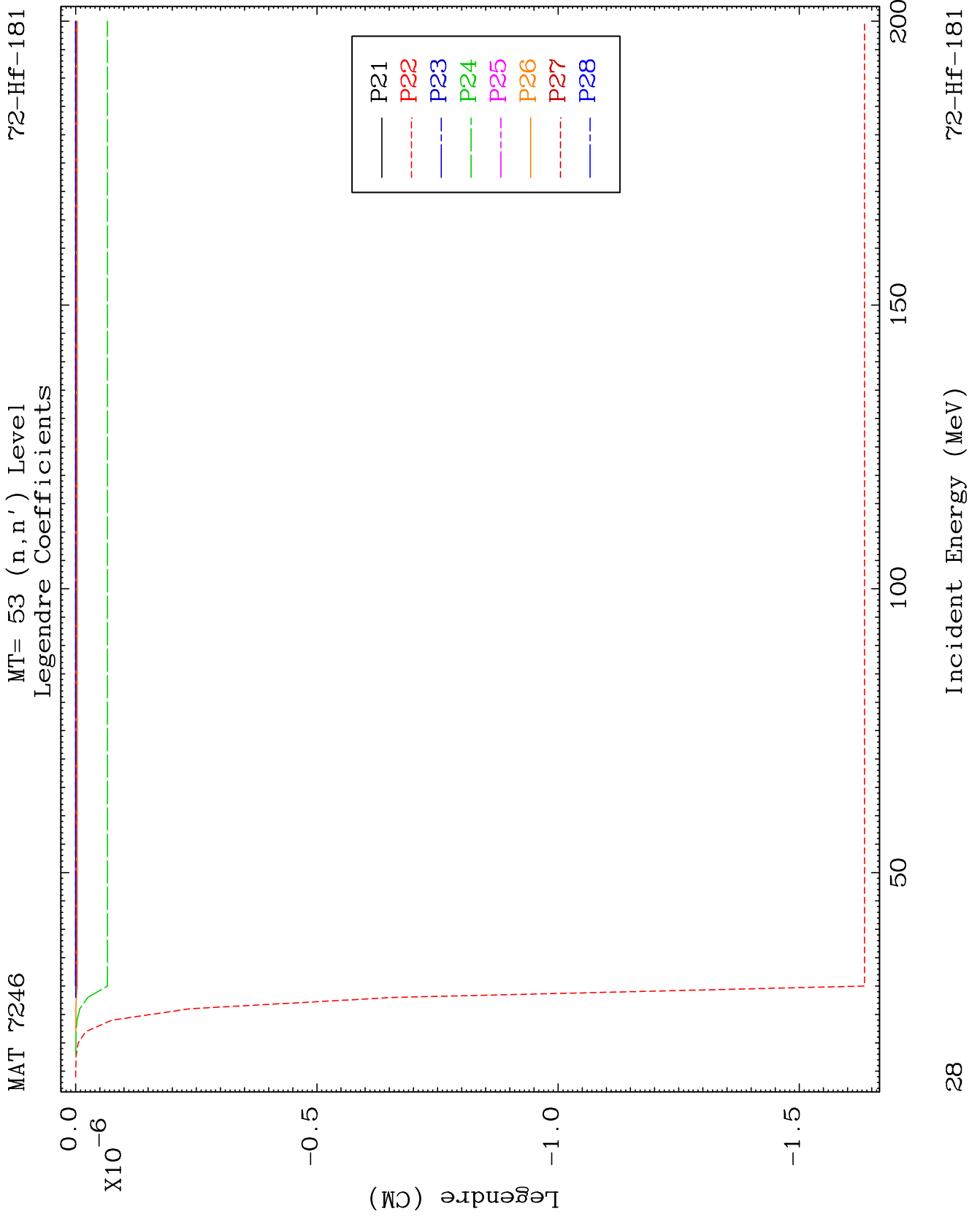
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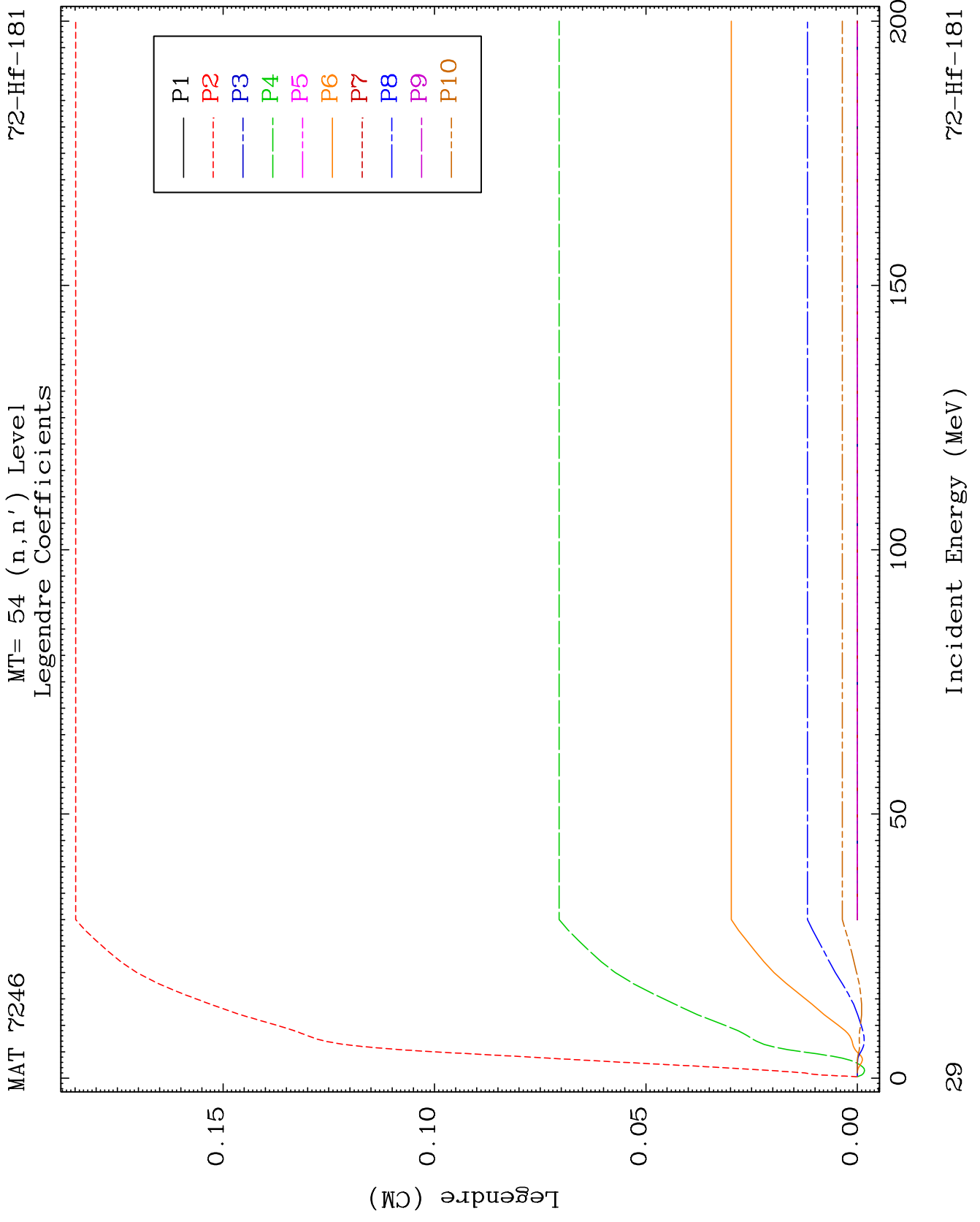


27

Incident Energy (MeV)

72-Hf-181

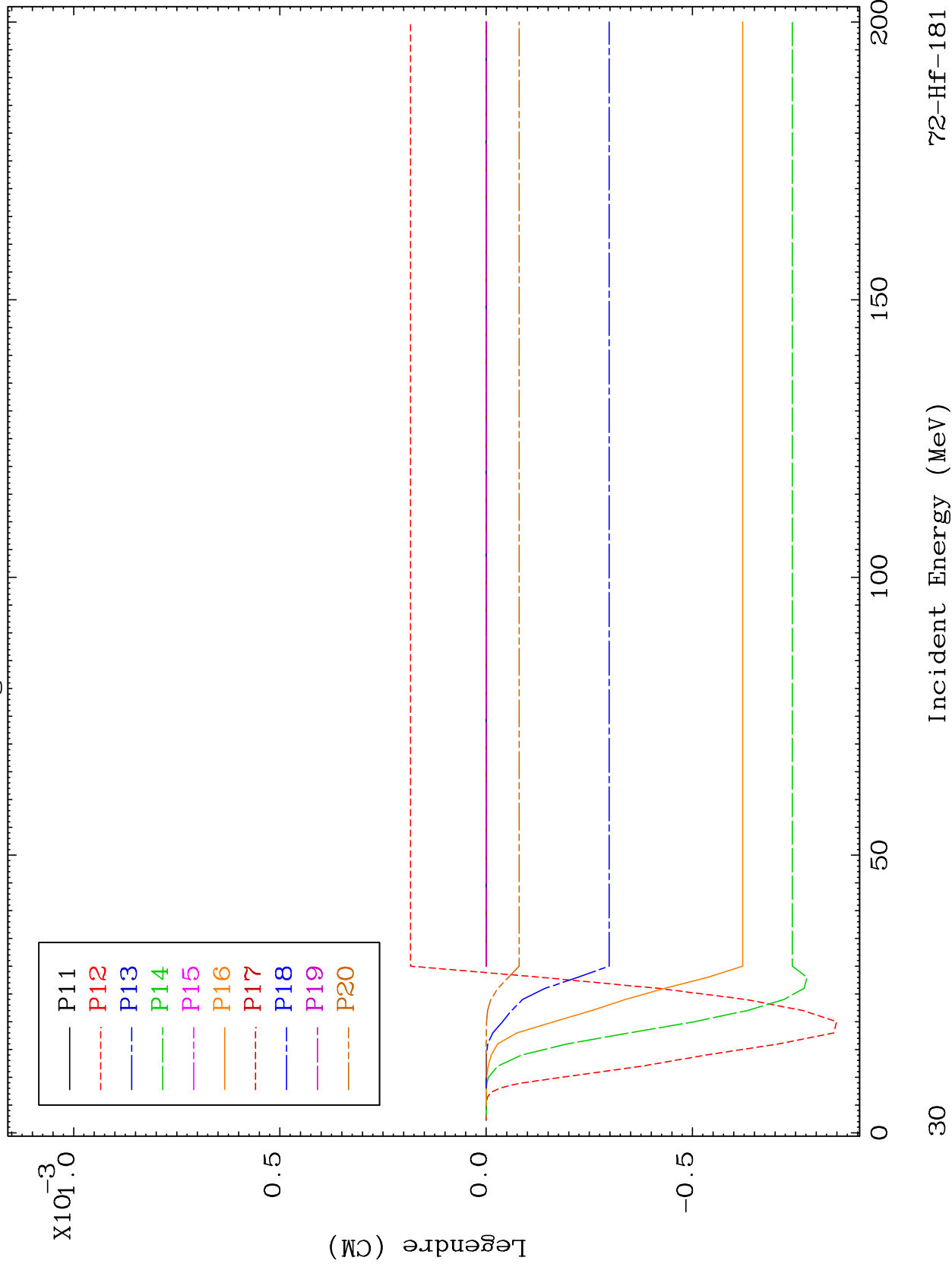




MAT 7246

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

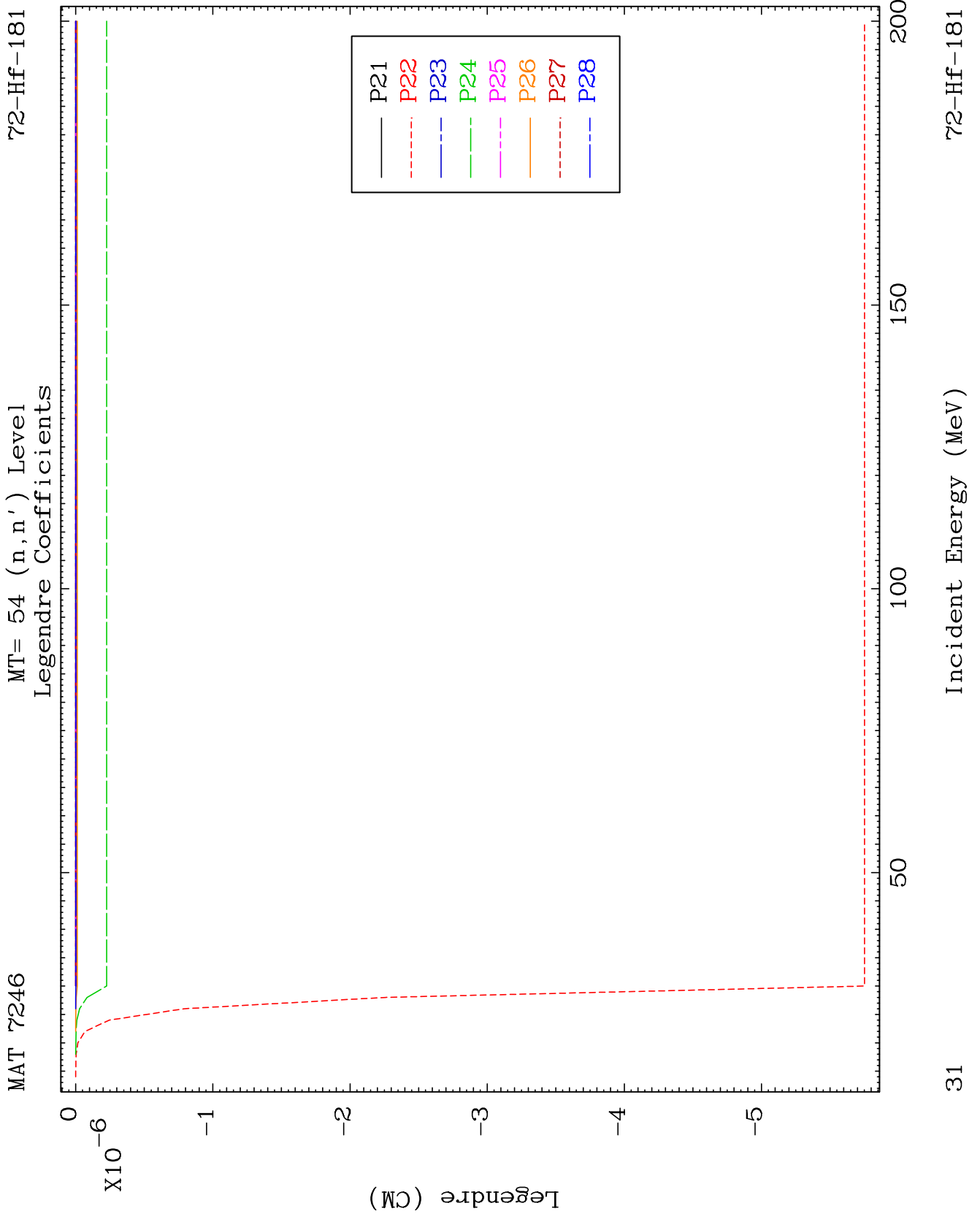
72-Hf-181



72-Hf-181

Incident Energy (MeV)

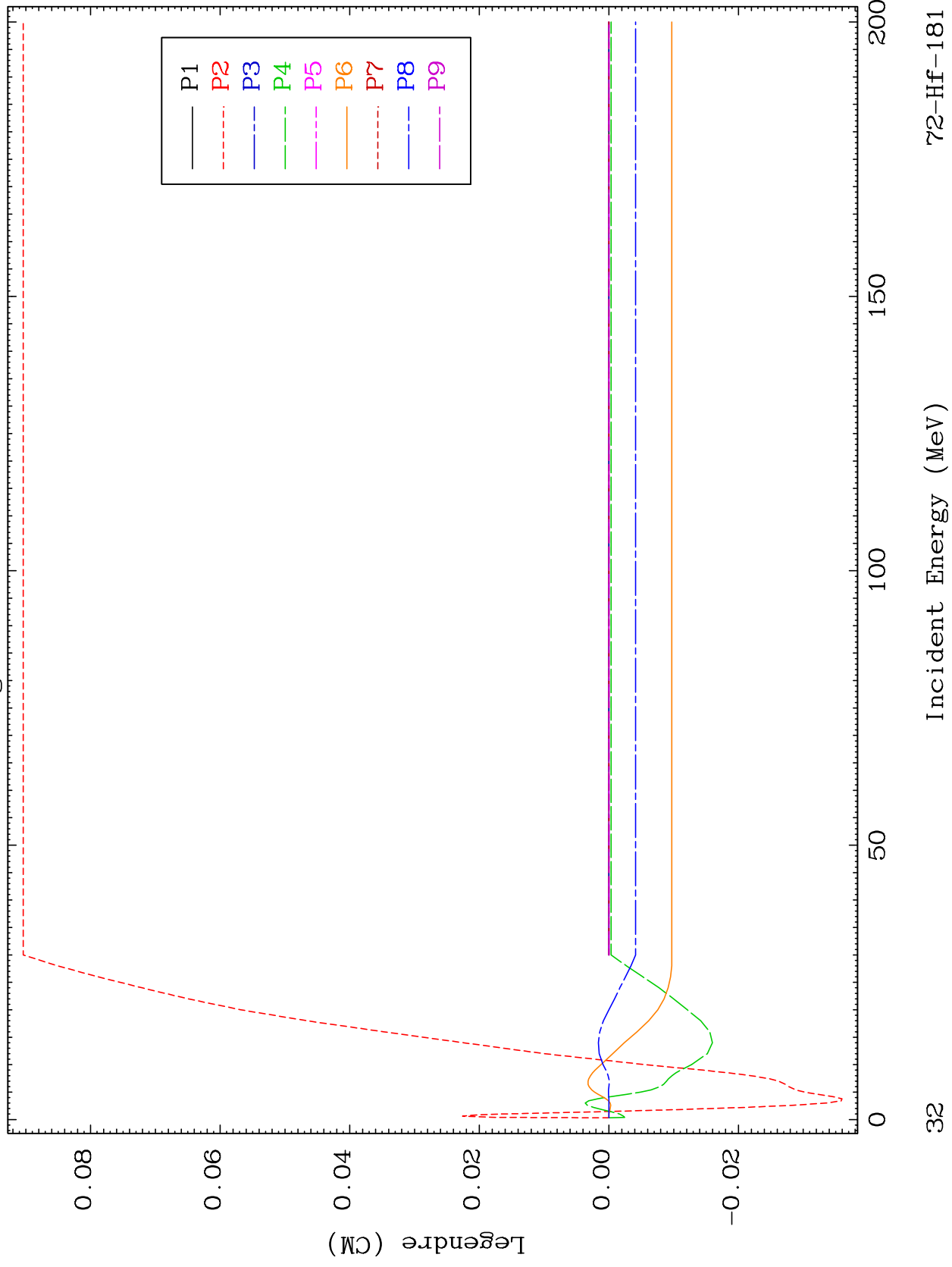
30



MAT 7246

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

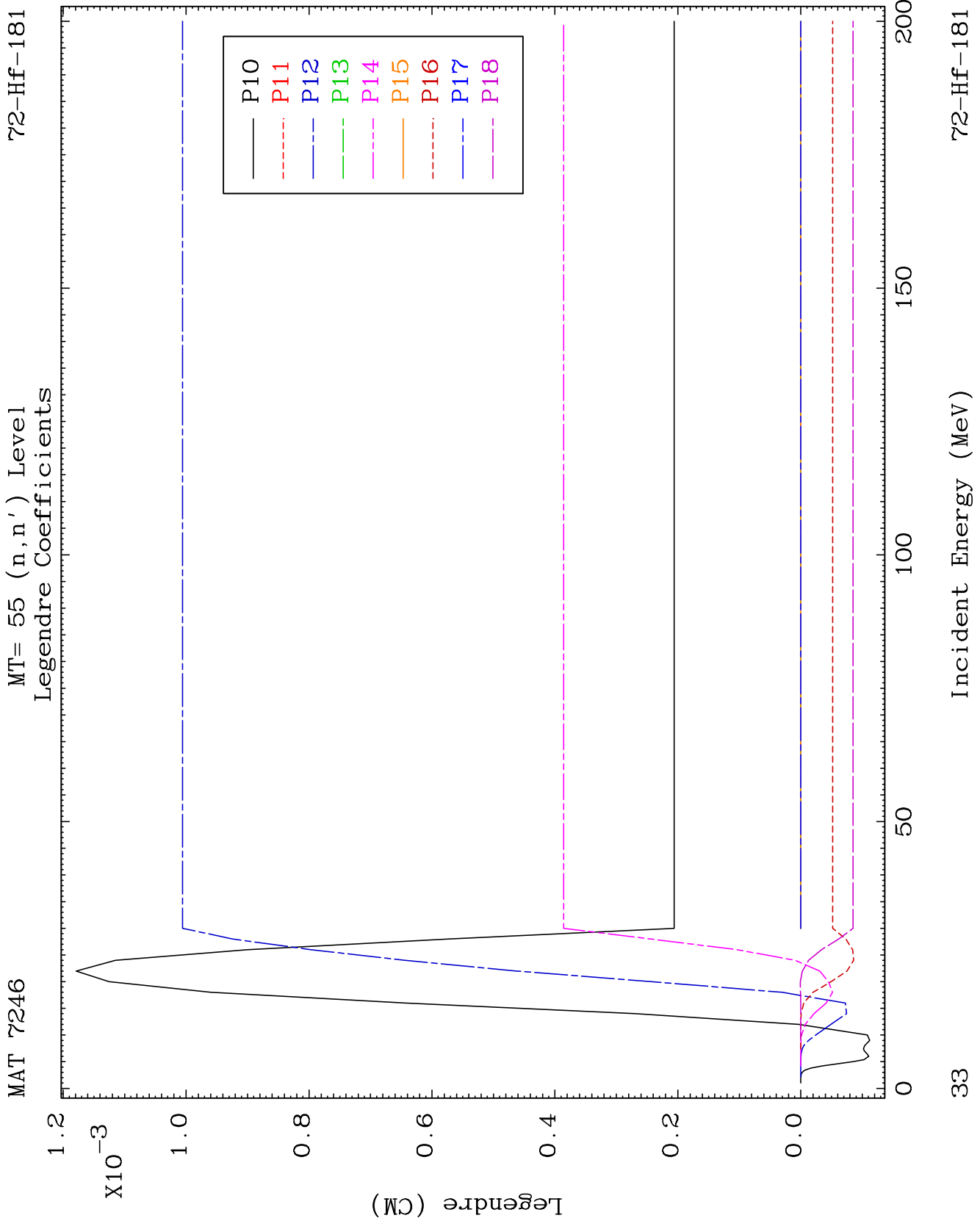
72-Hf-181



72-Hf-181

Incident Energy (MeV)

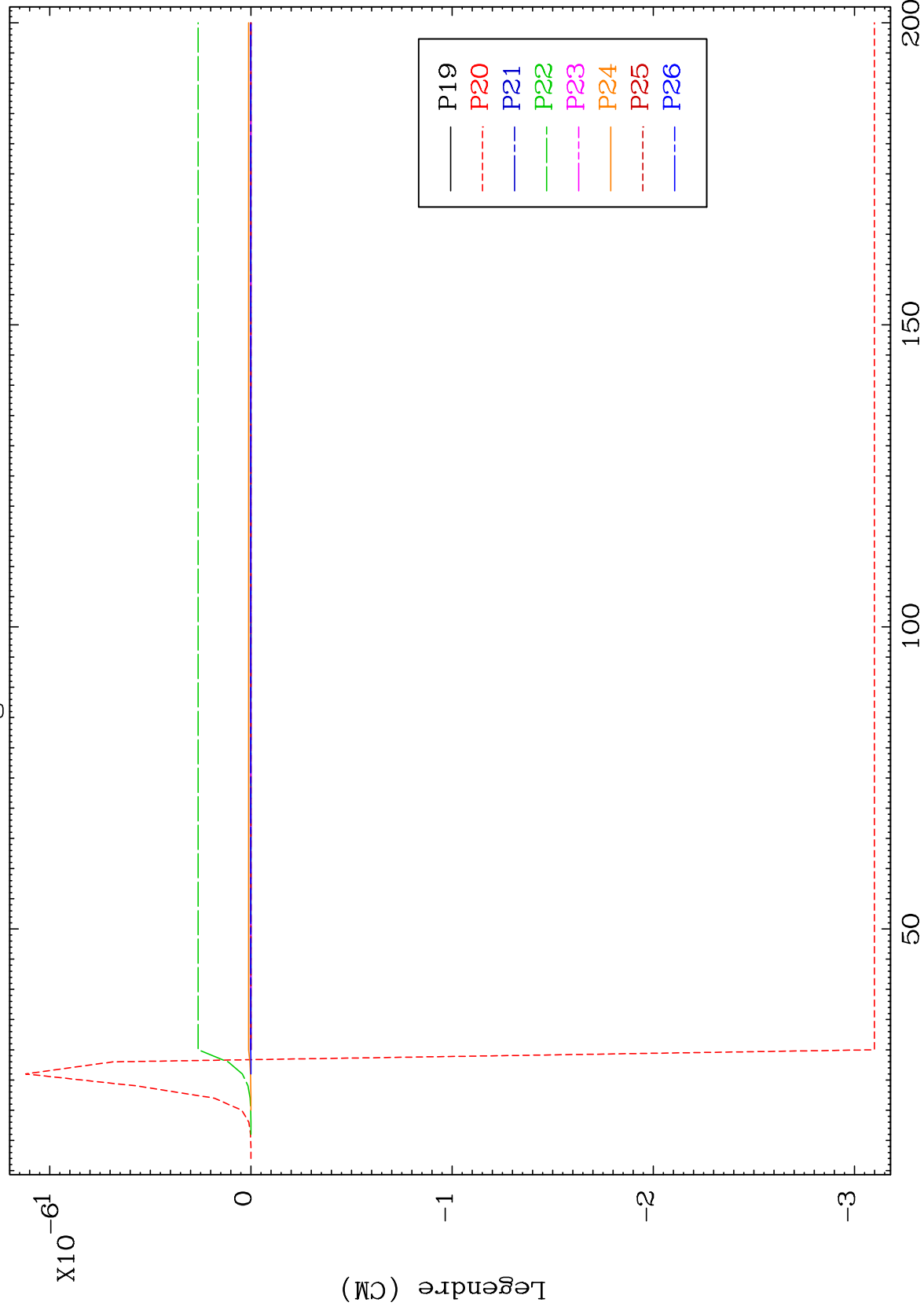
32



MAT 7246

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

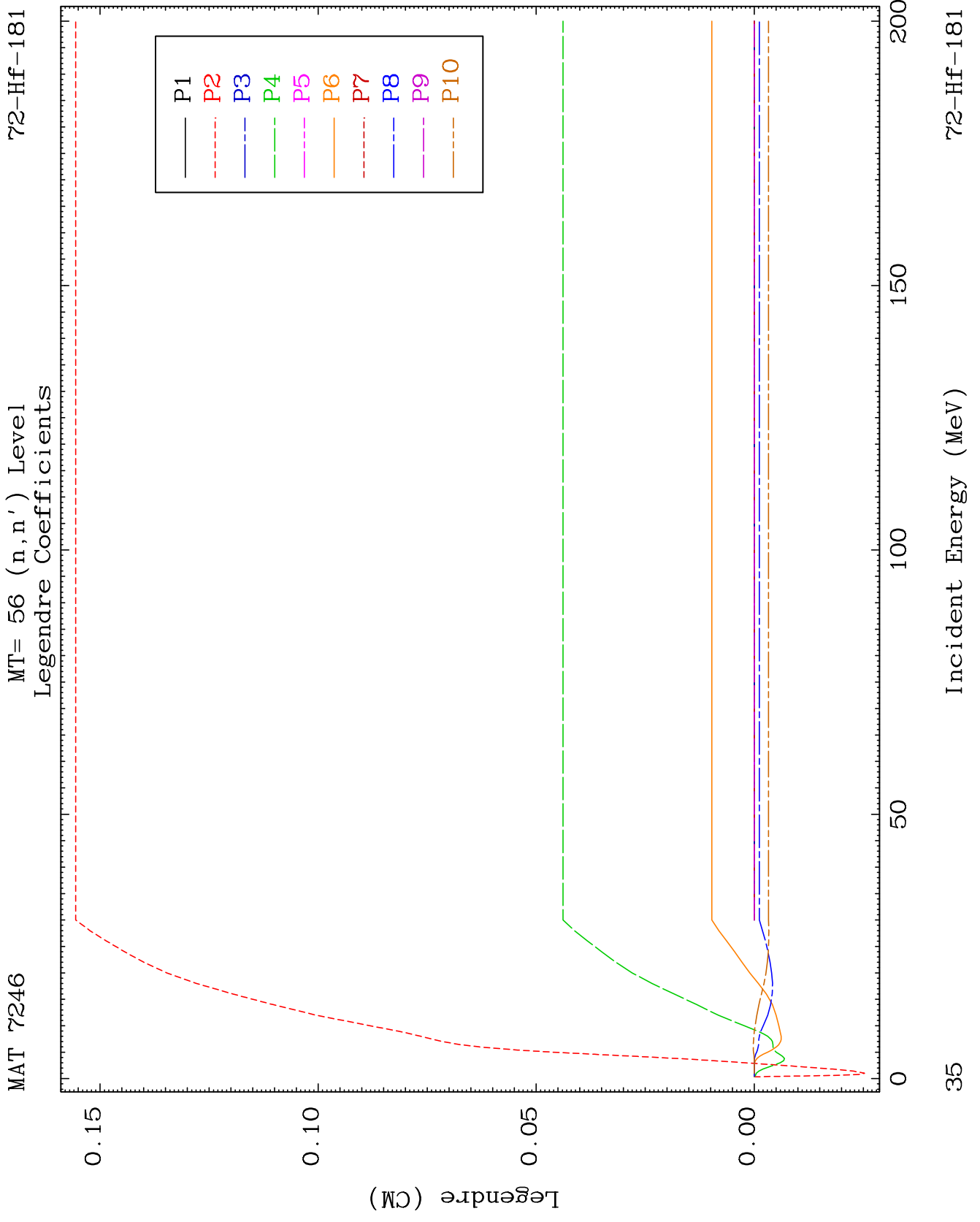
72-Hf-181



34

Incident Energy (MeV)

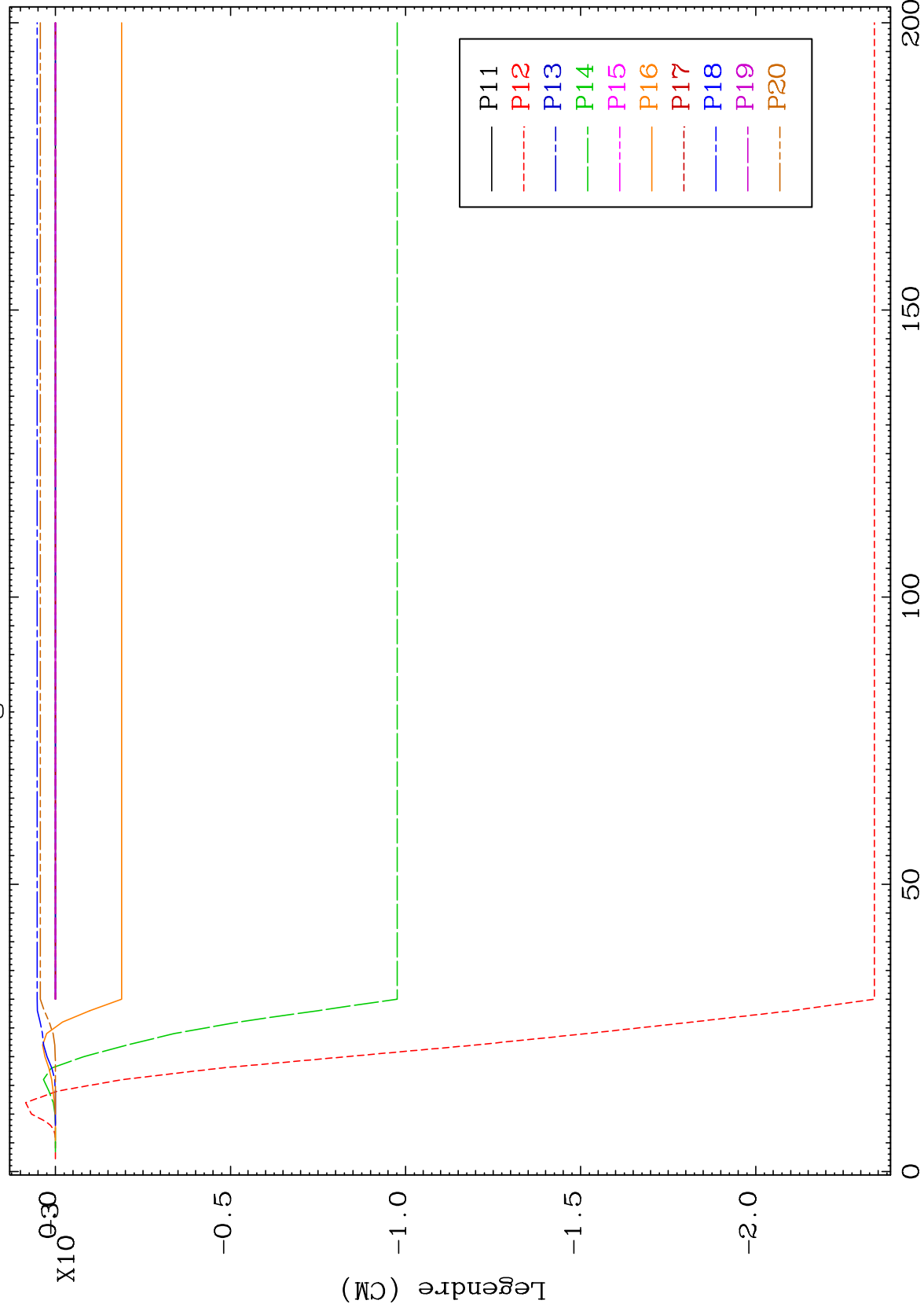
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MAT 7246

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

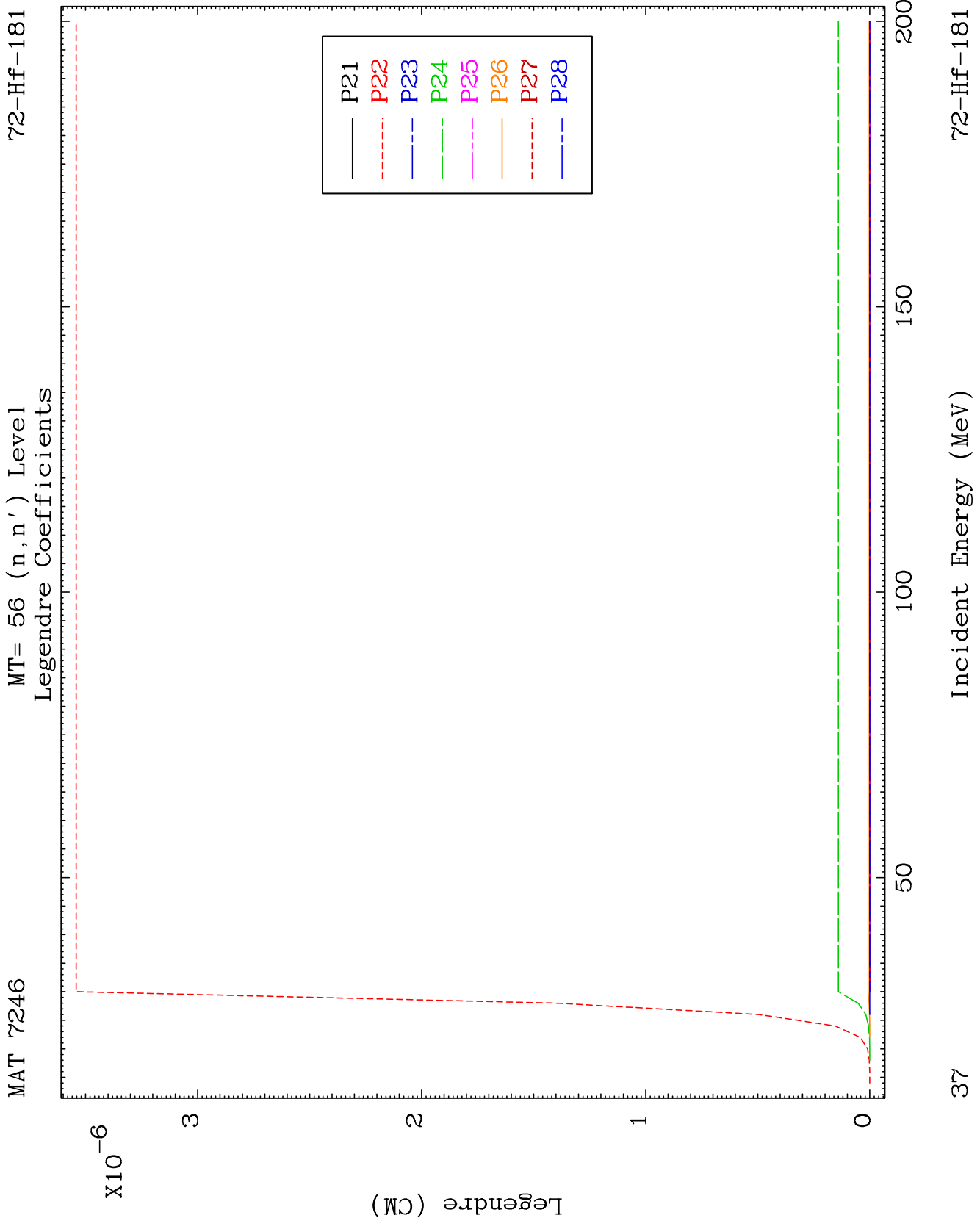
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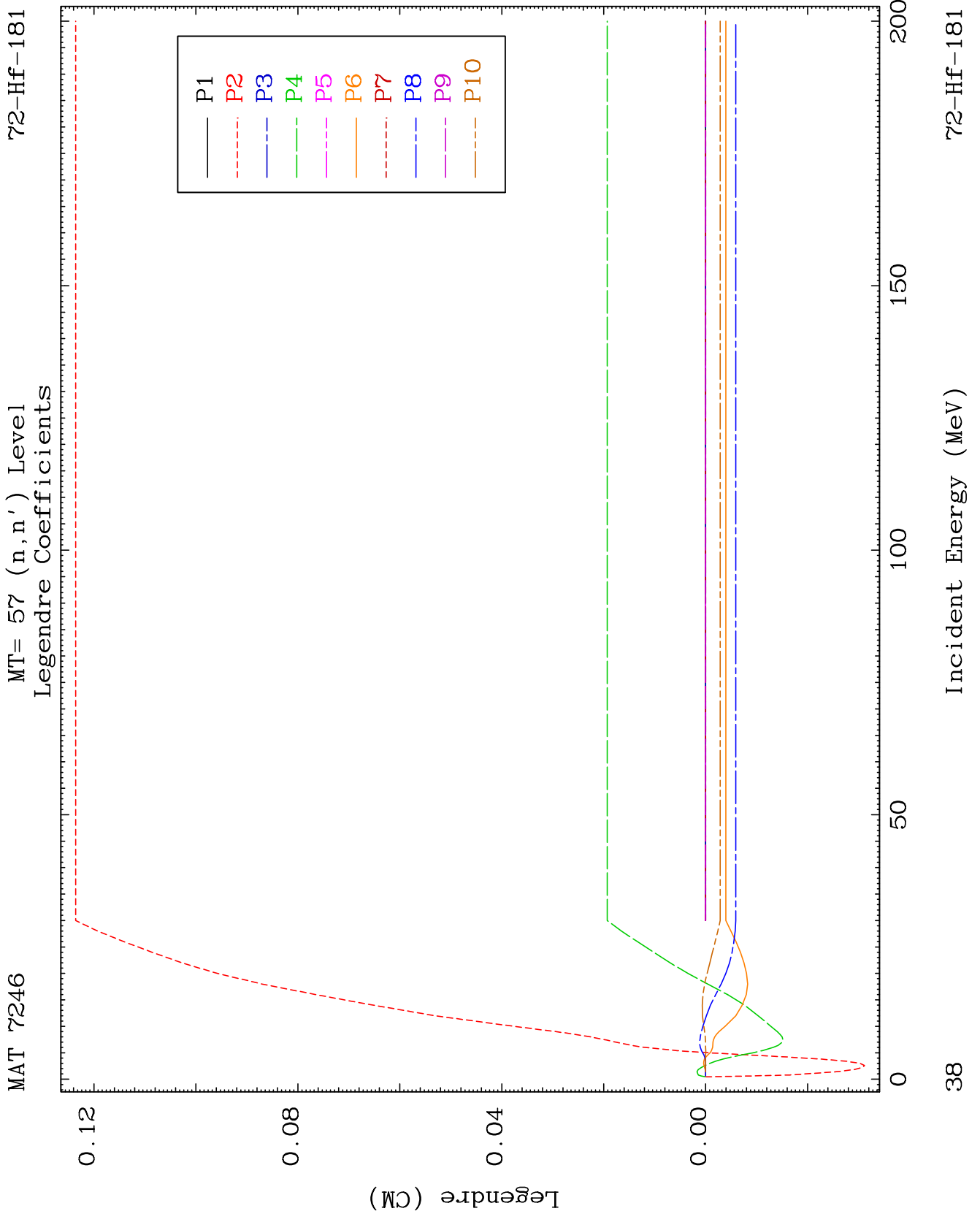


36

Incident Energy (MeV)

72-Hf-181

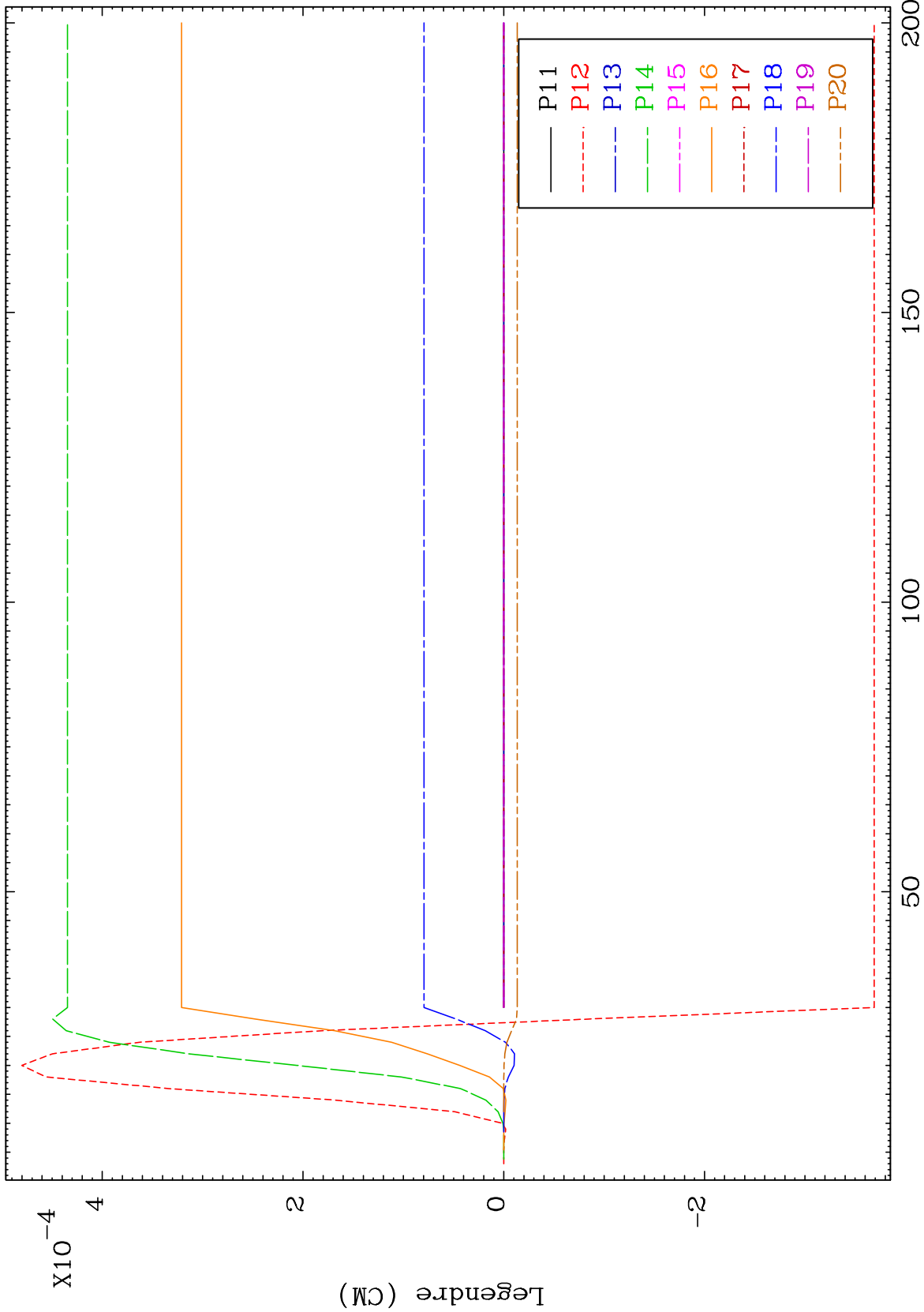




MAT 7246

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

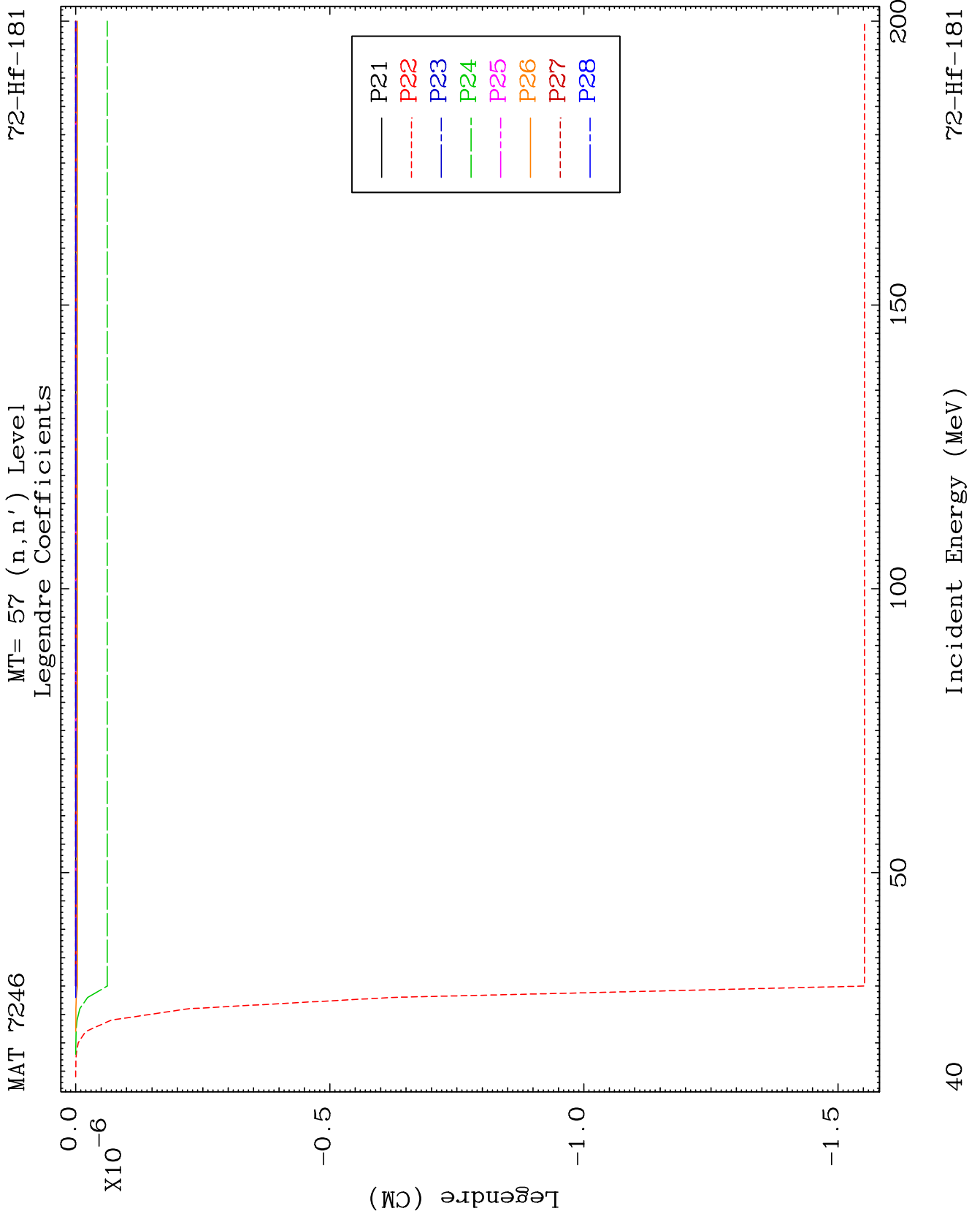
72-Hf-181



39

Incident Energy (MeV)

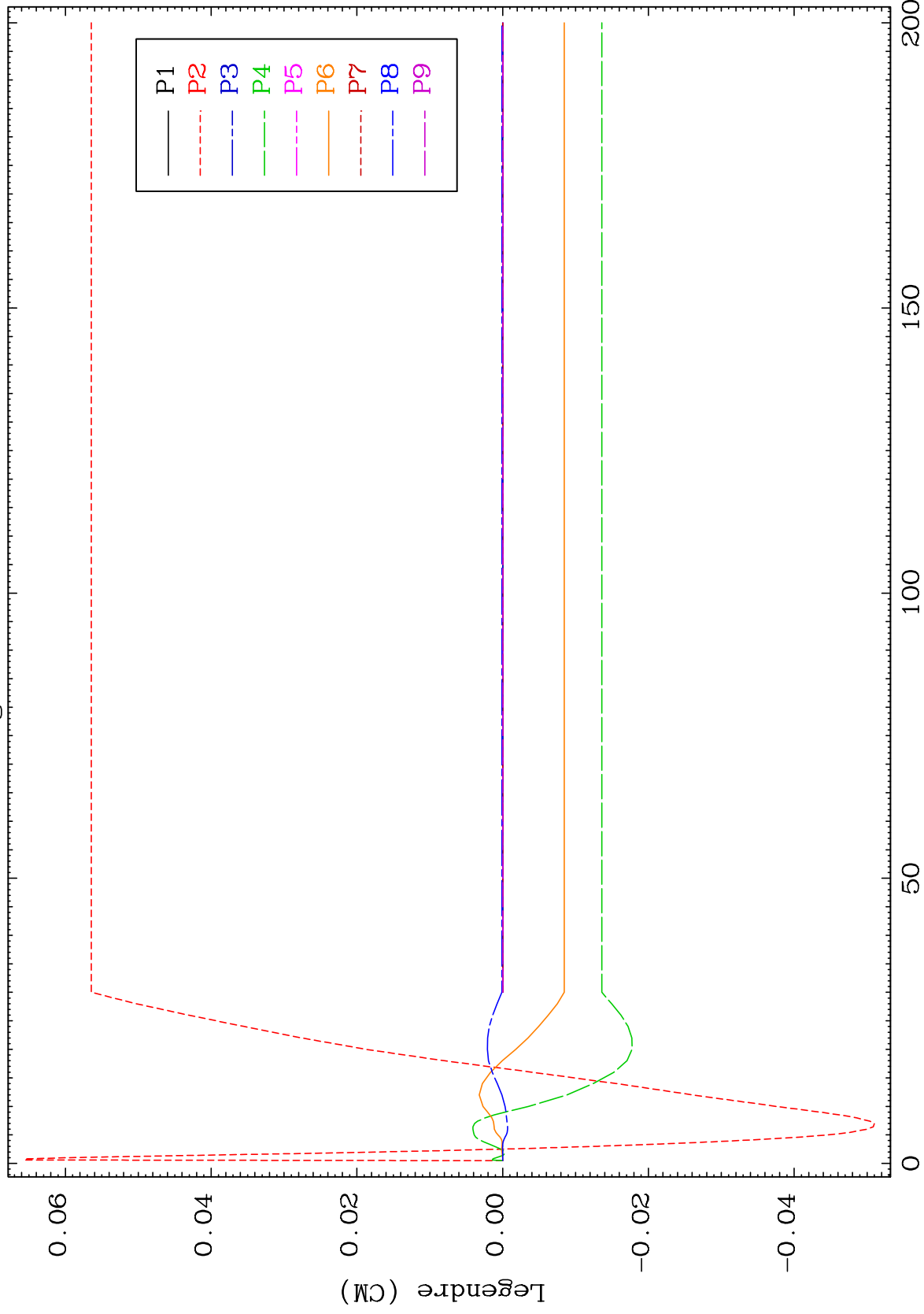
72-Hf-181



MAT 7246

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

72-Hf-181



41

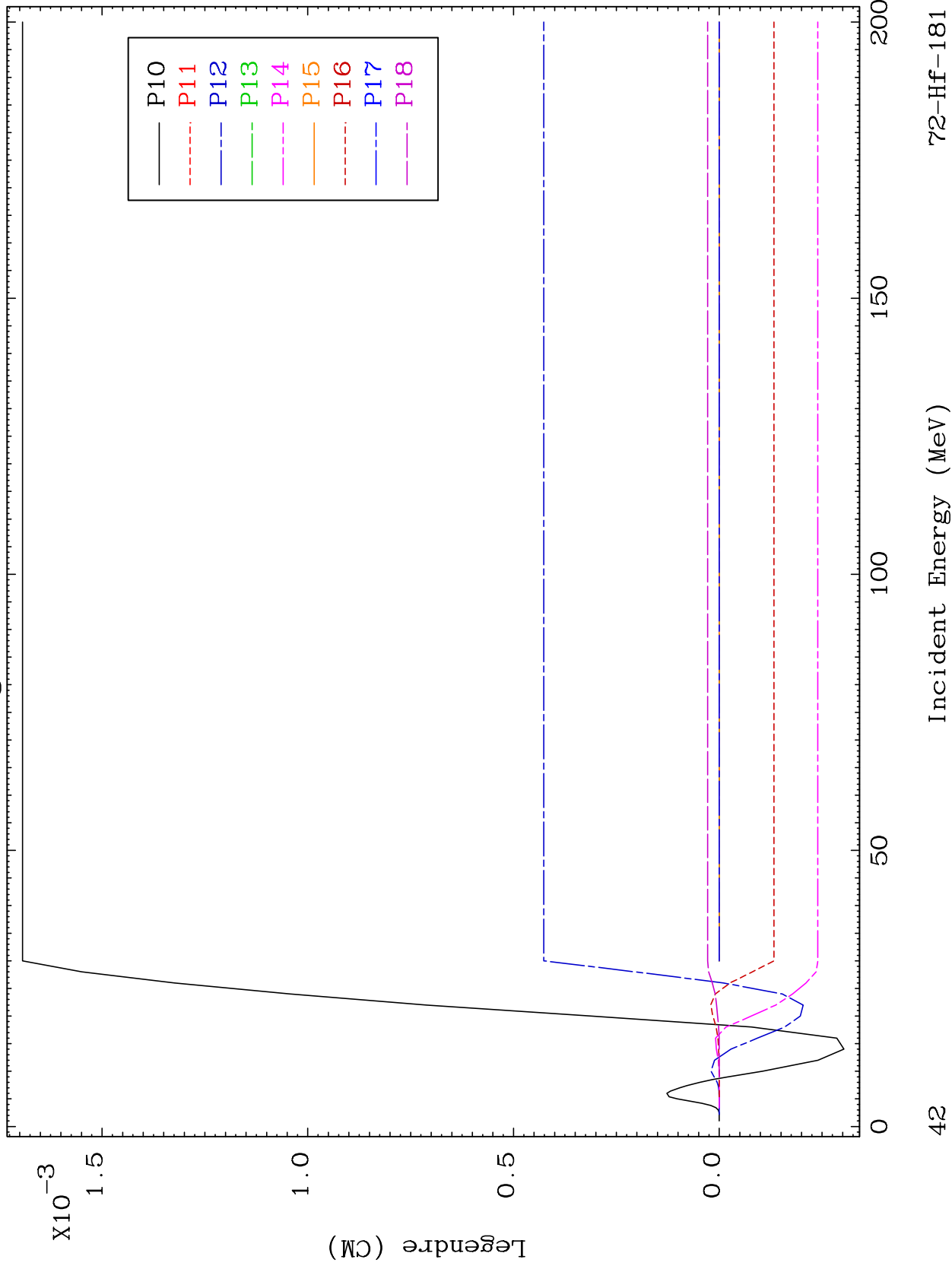
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

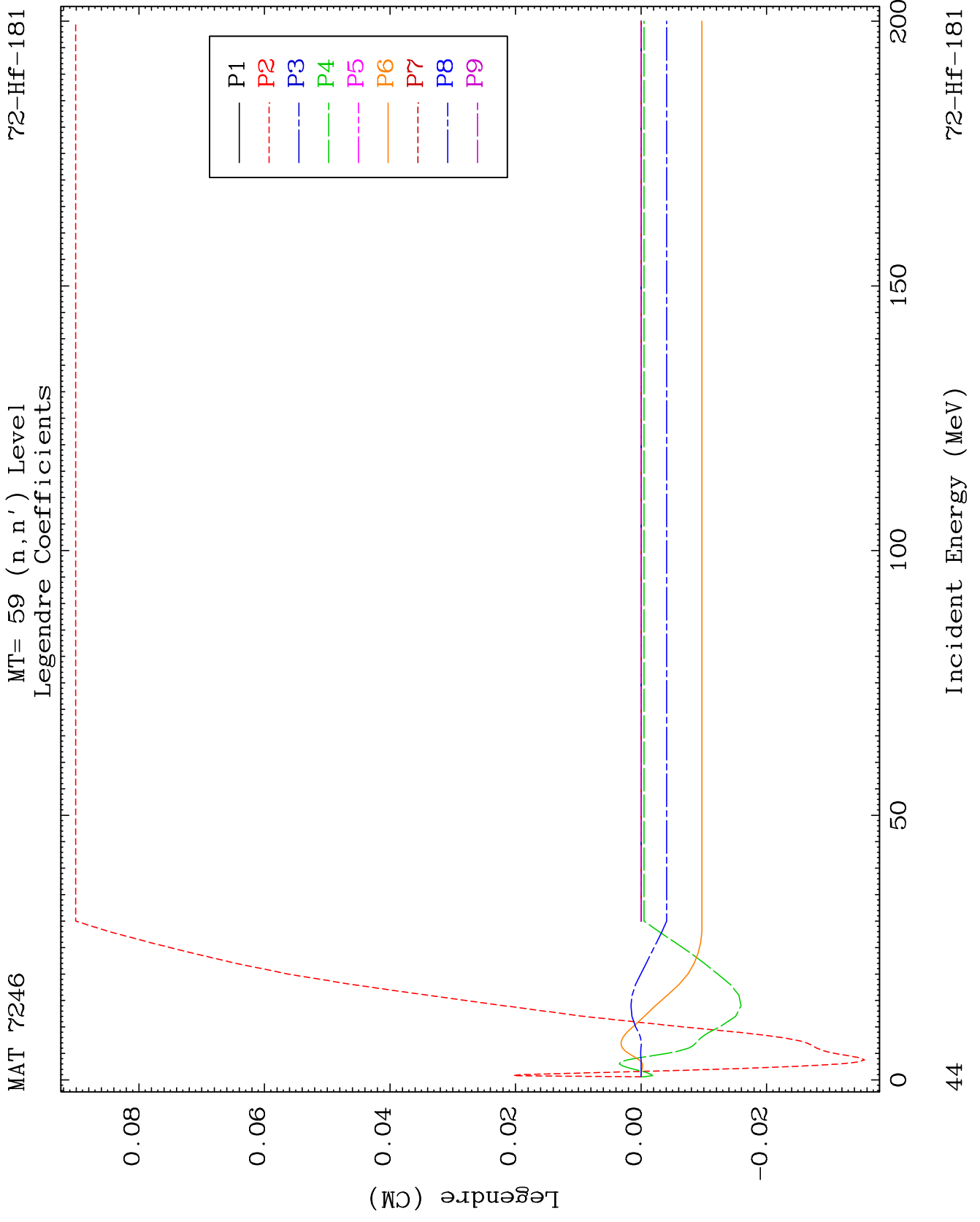
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72-Hf-181

Incident Energy (MeV)

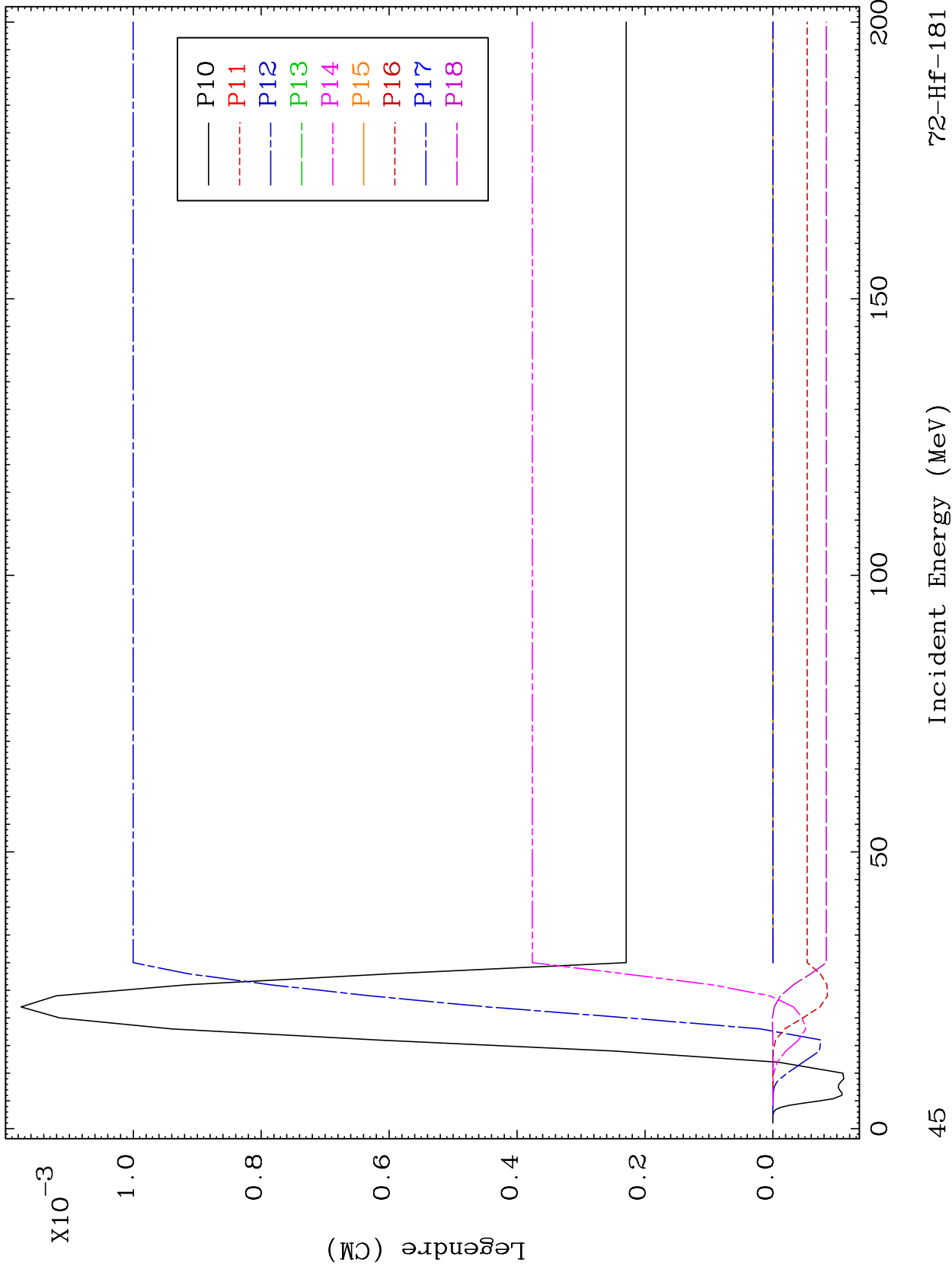
42



MAT 7246

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

72-Hf-181



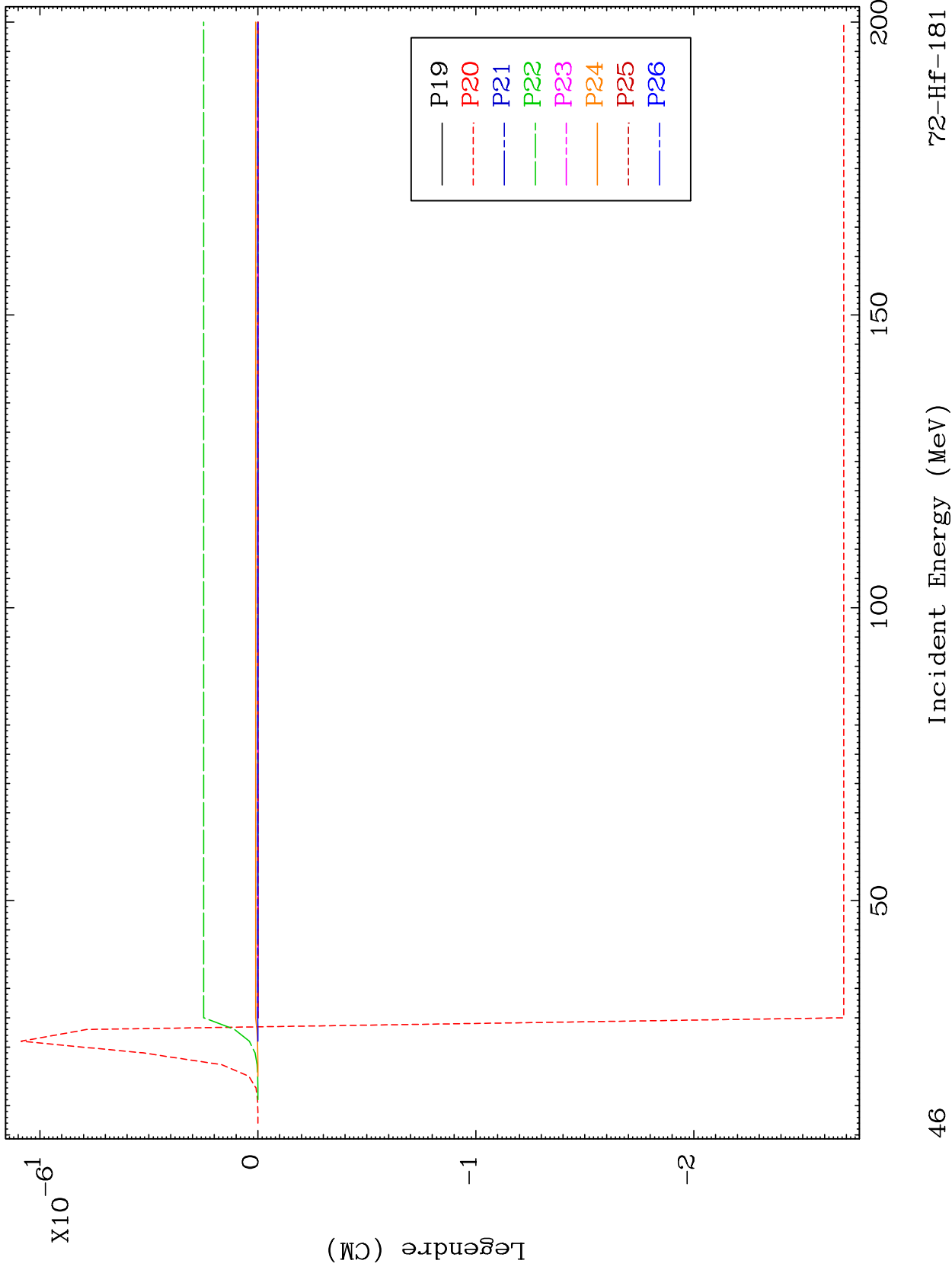
45

72-Hf-181

MAT 7246

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

72-Hf-181



46

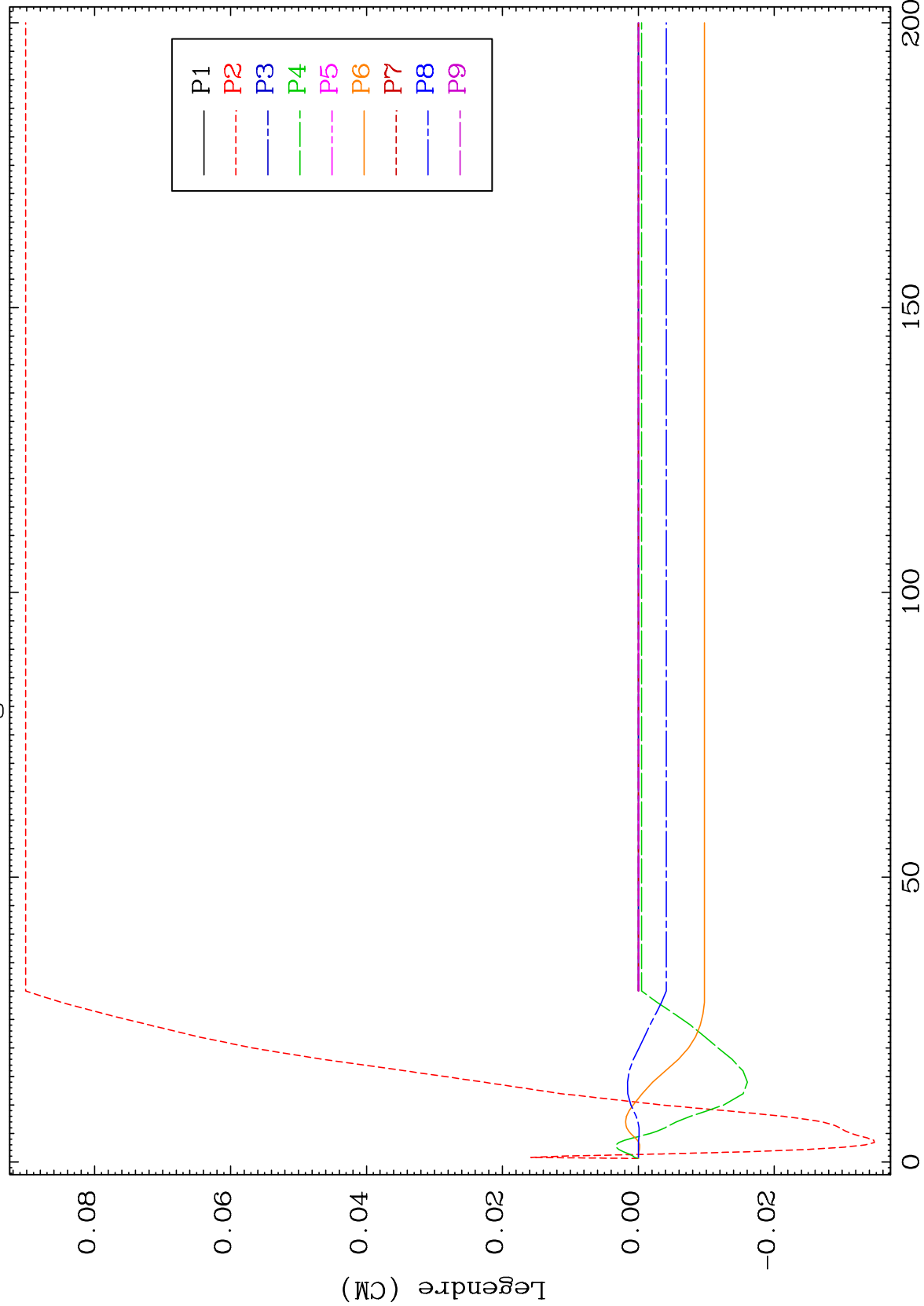
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



47

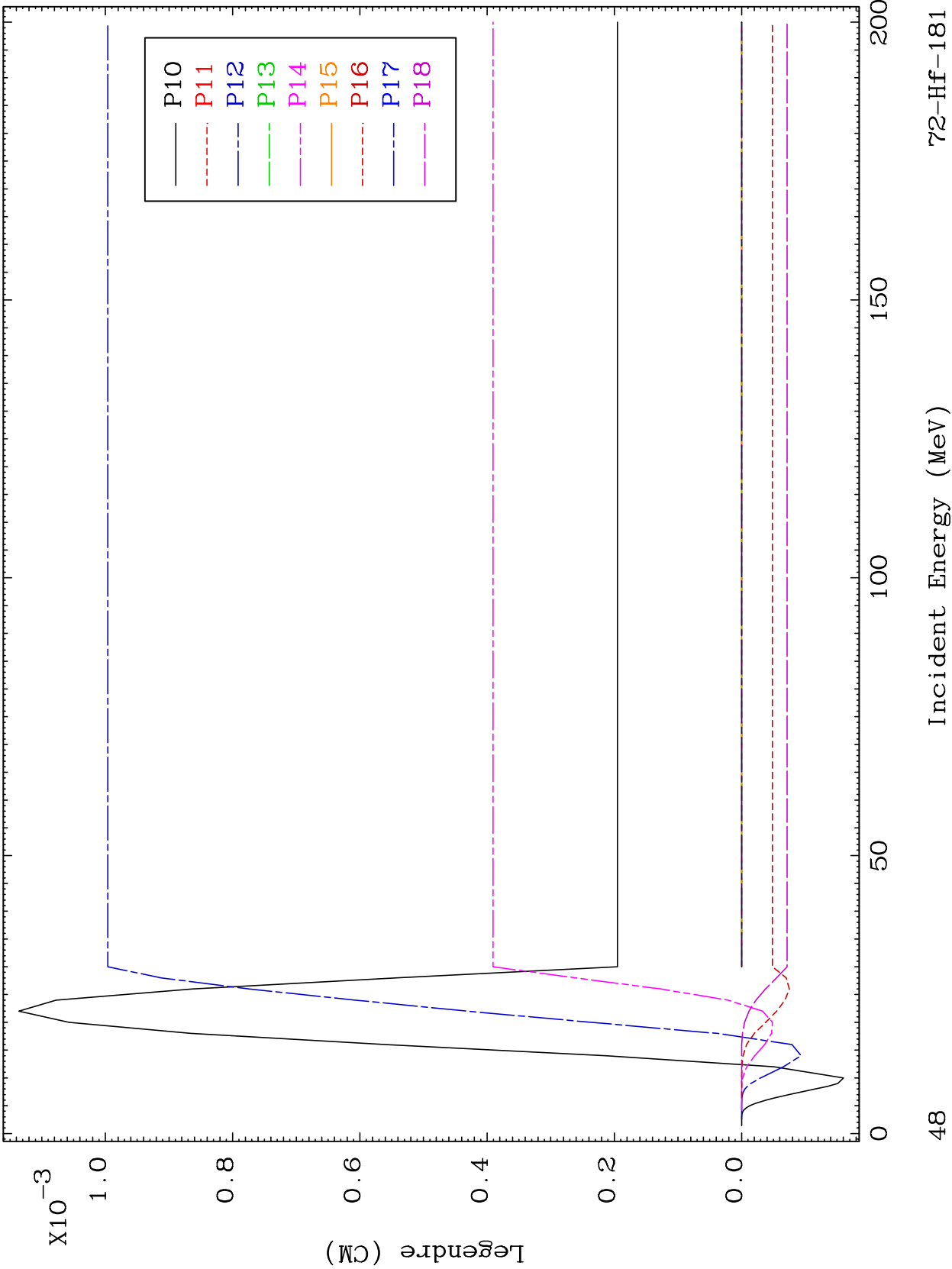
Incident Energy (MeV)

72-Hf-181

MAT 7246

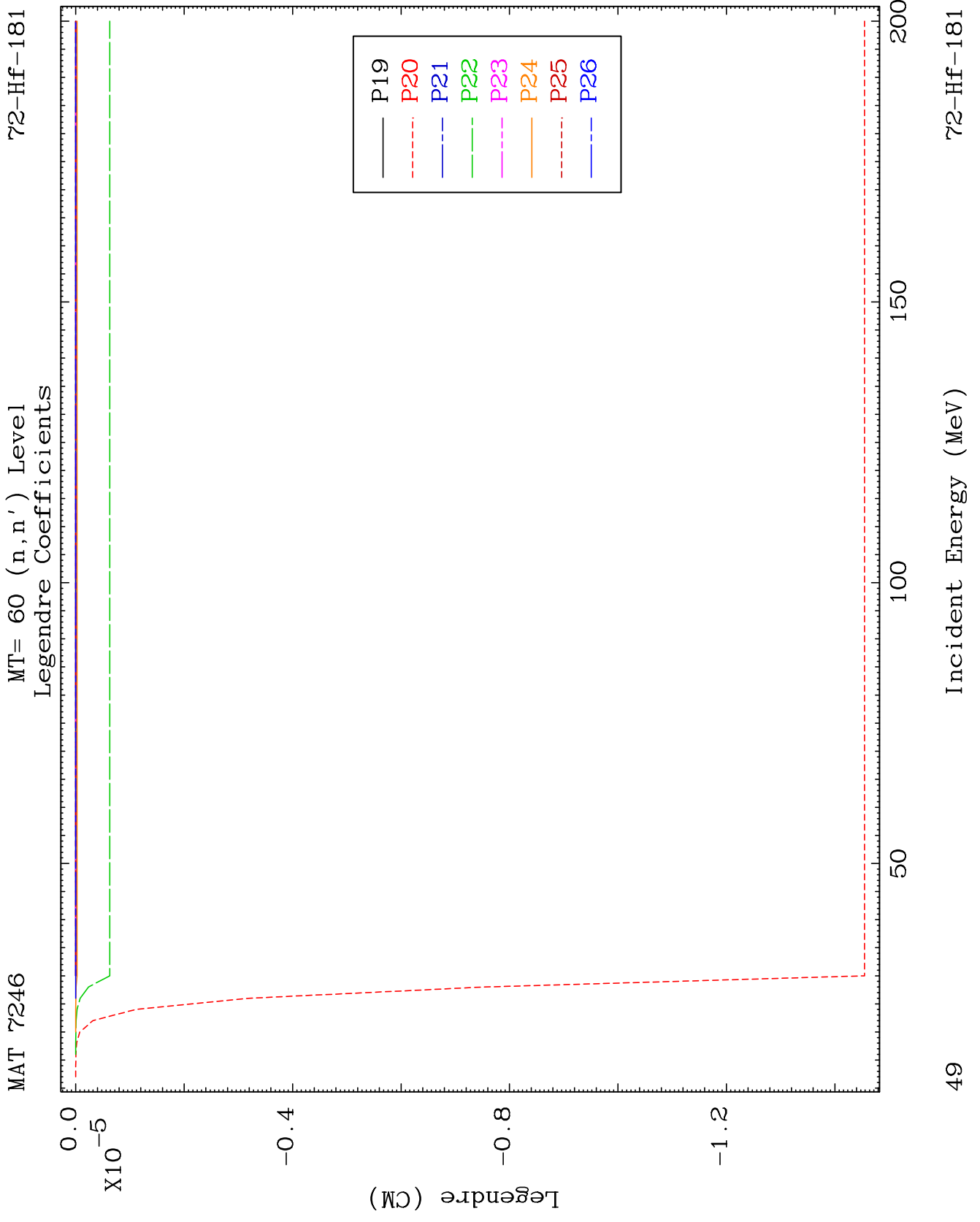
MT= 60 (n,n') Level
Legendre Coefficients

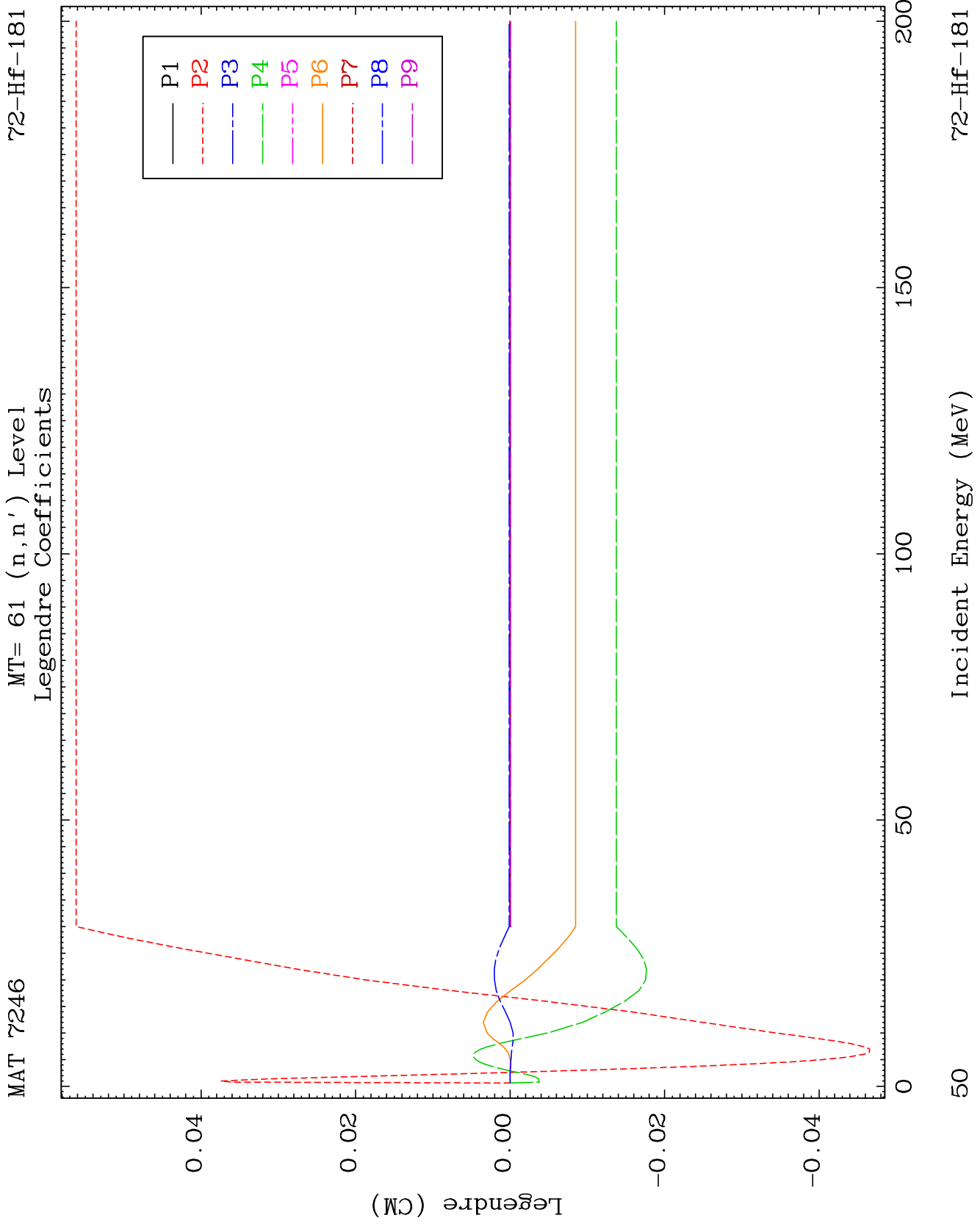
72-Hf-181



48

72-Hf-181

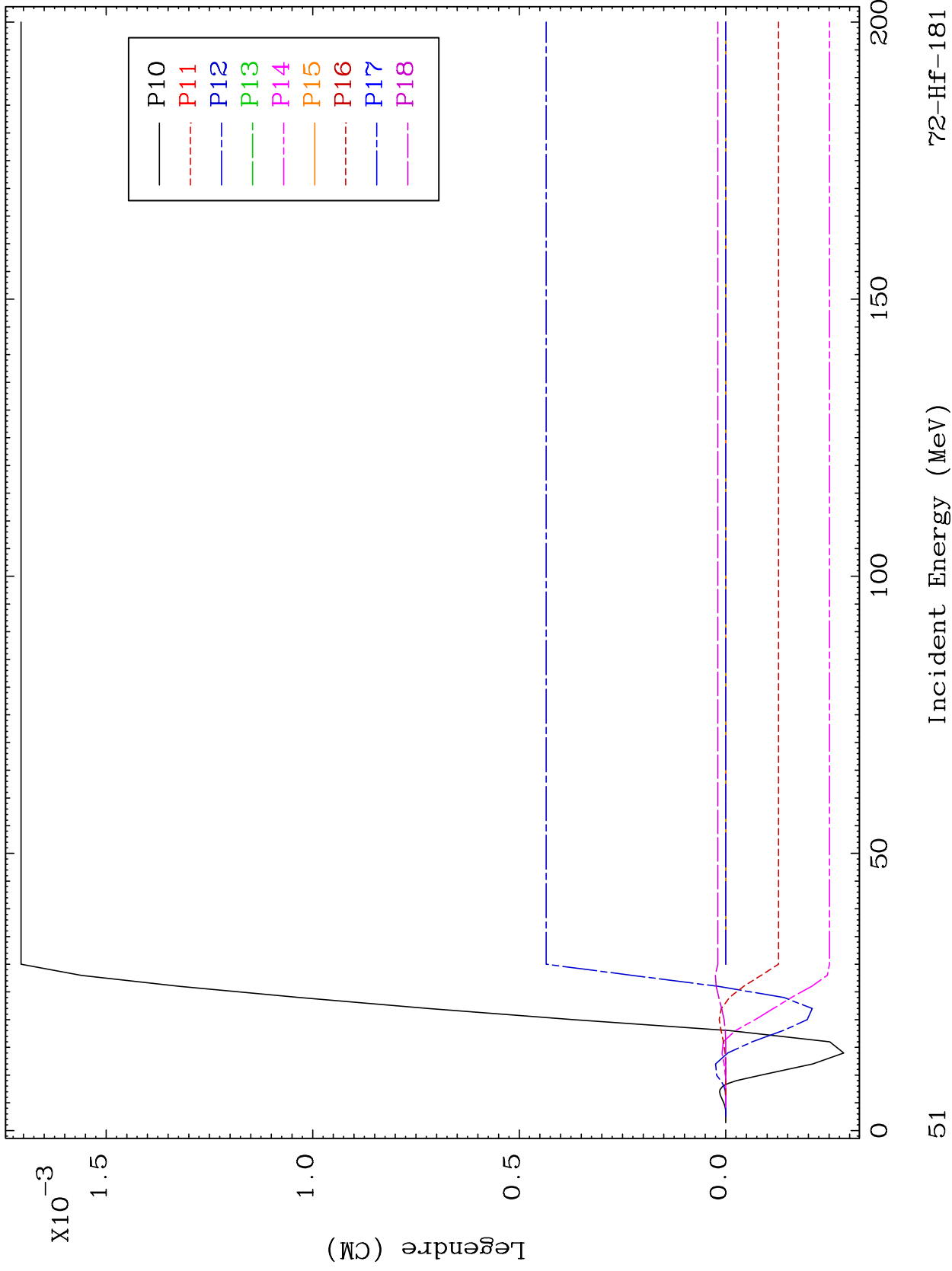




MAT 7246

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

72-Hf-181



51

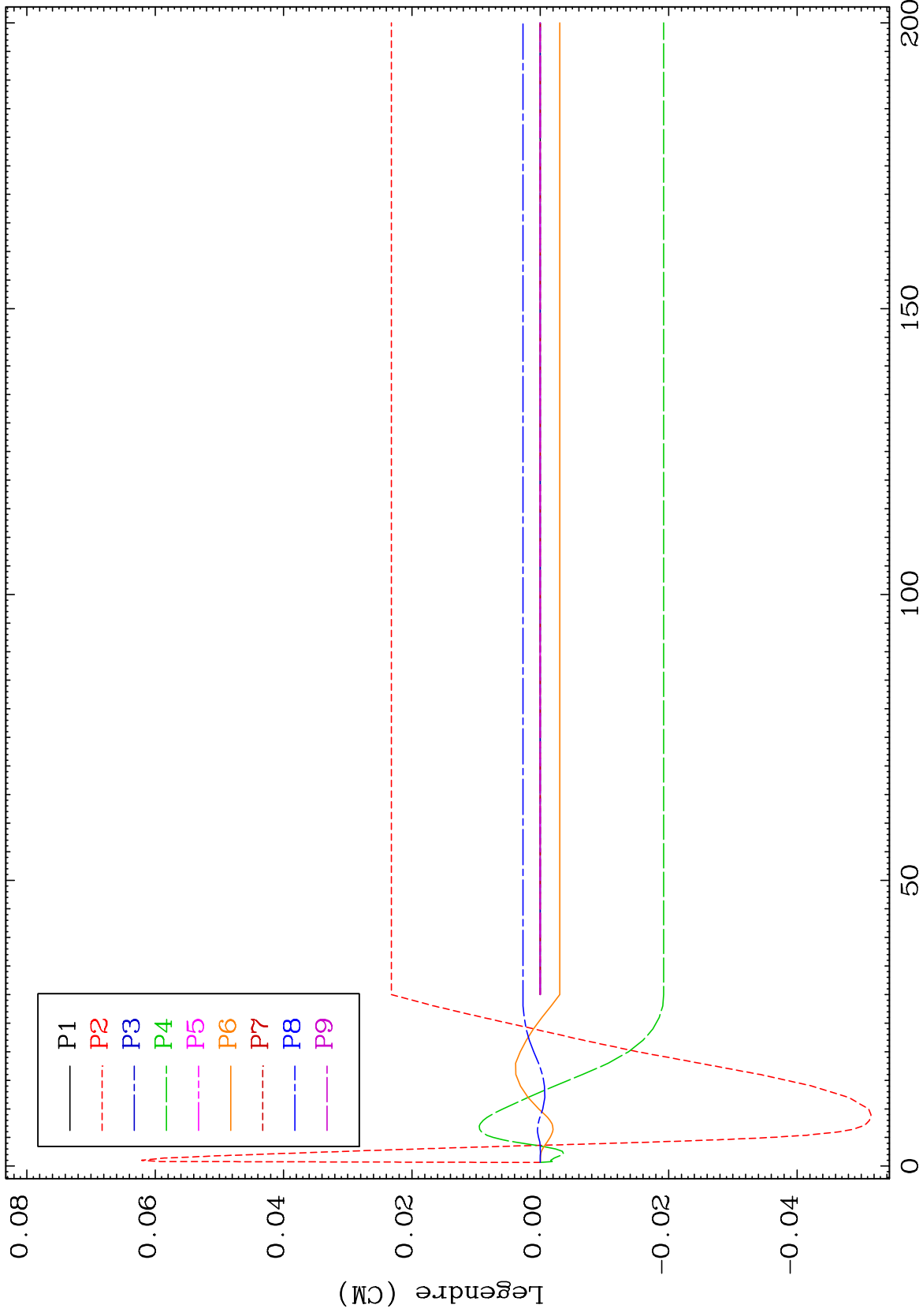
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



53

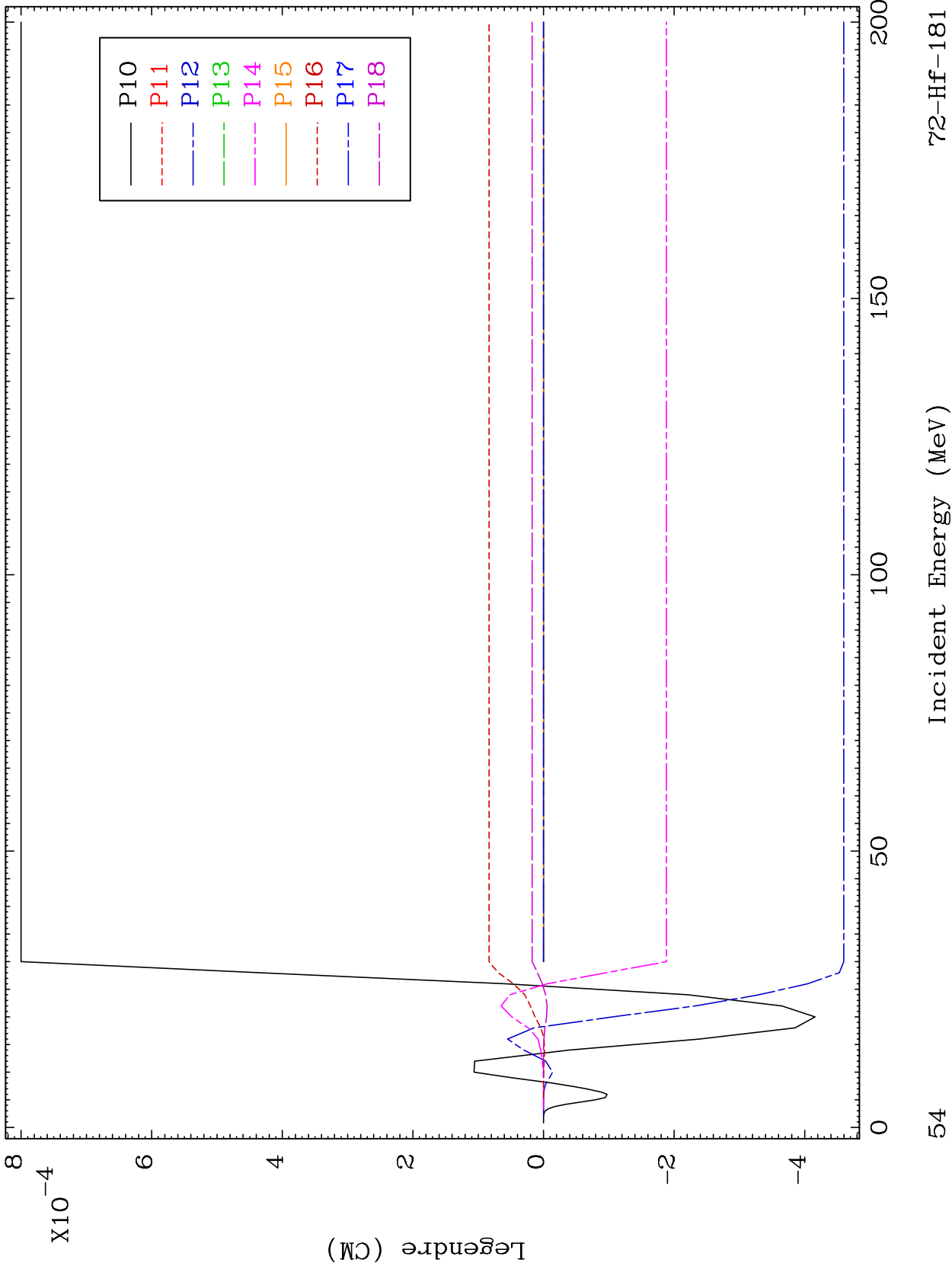
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

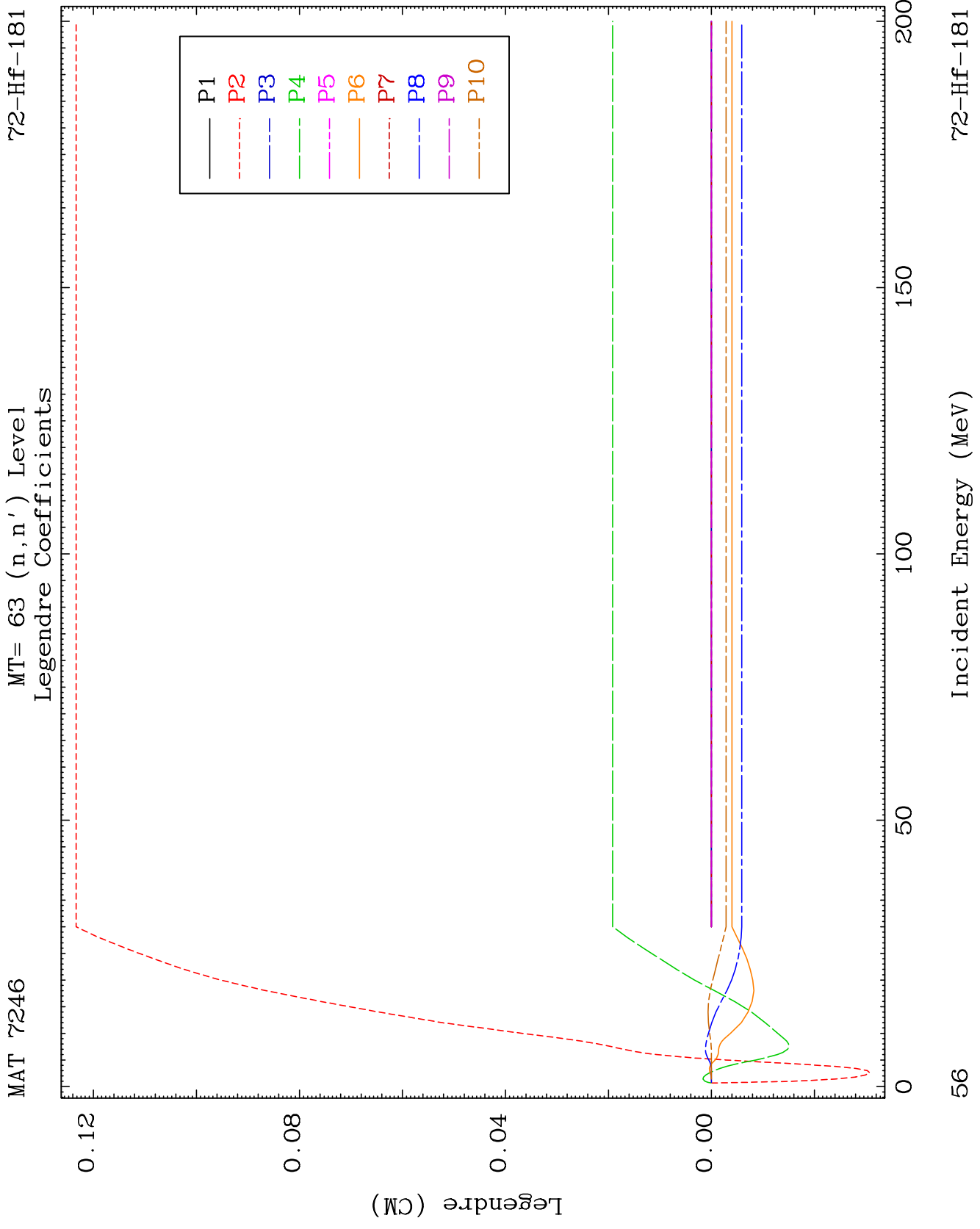
72-Hf-181



72-Hf-181

Incident Energy (MeV)

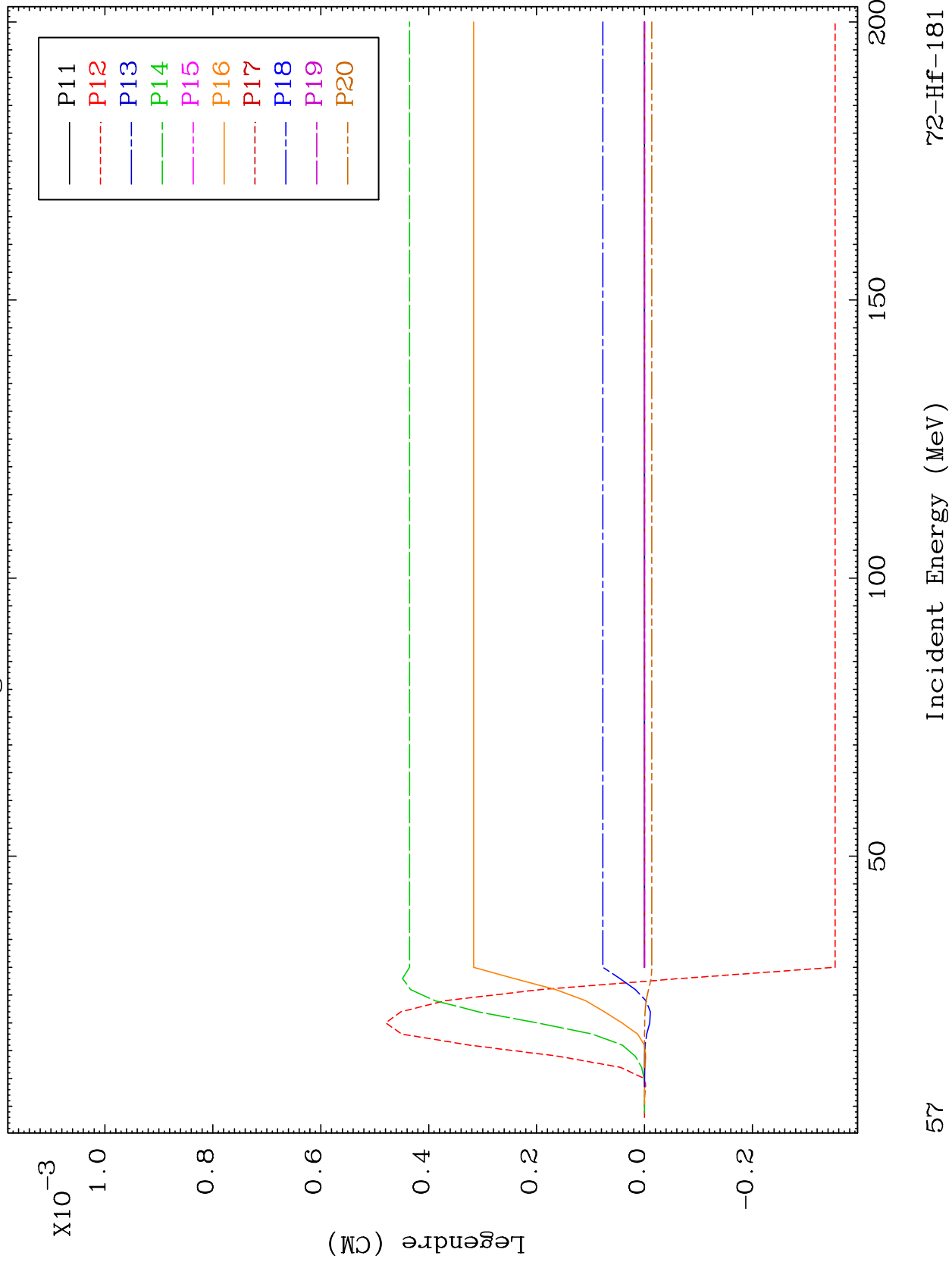
54



MAT 7246

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

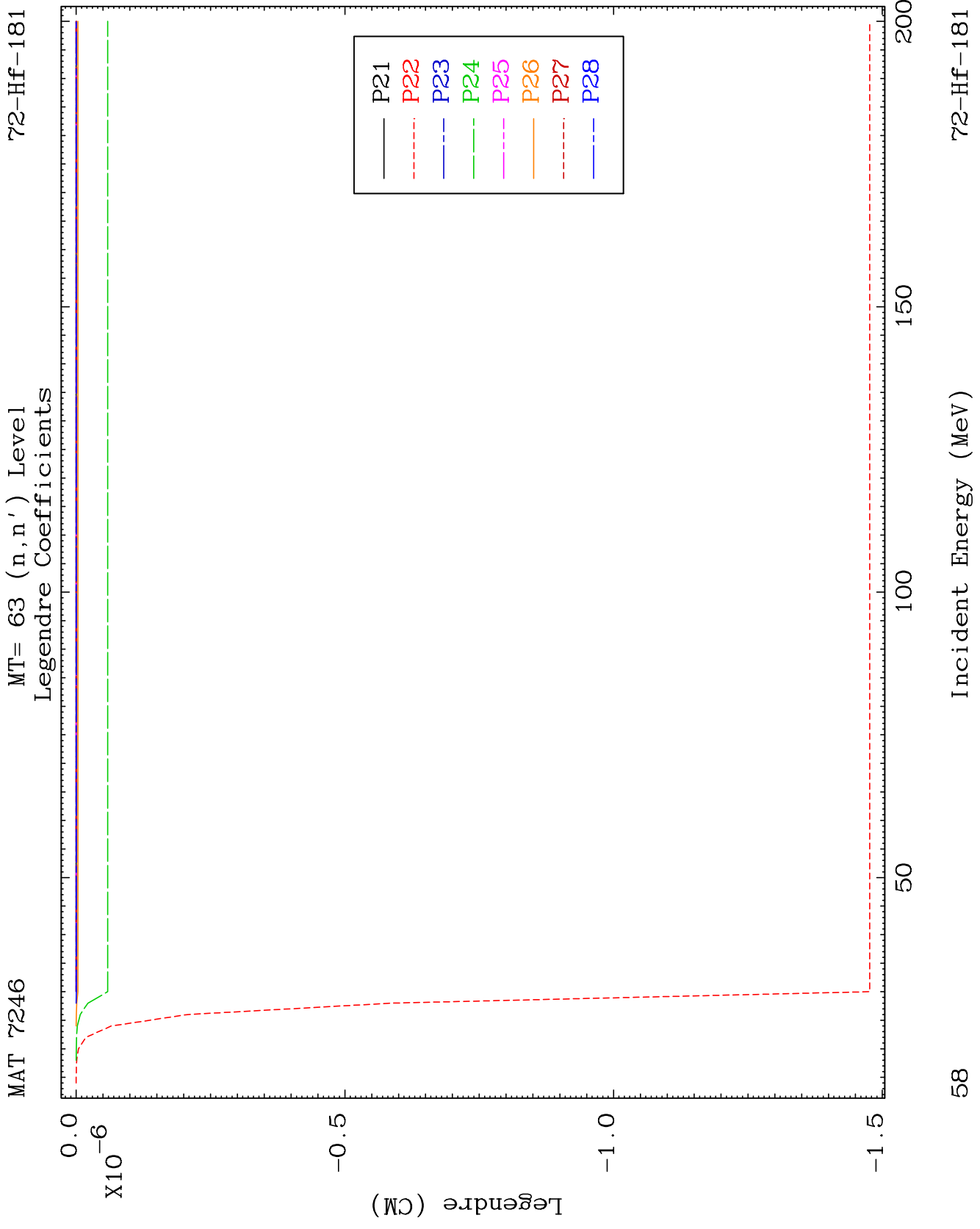
72-Hf-181



57

Incident Energy (MeV)

72-Hf-181

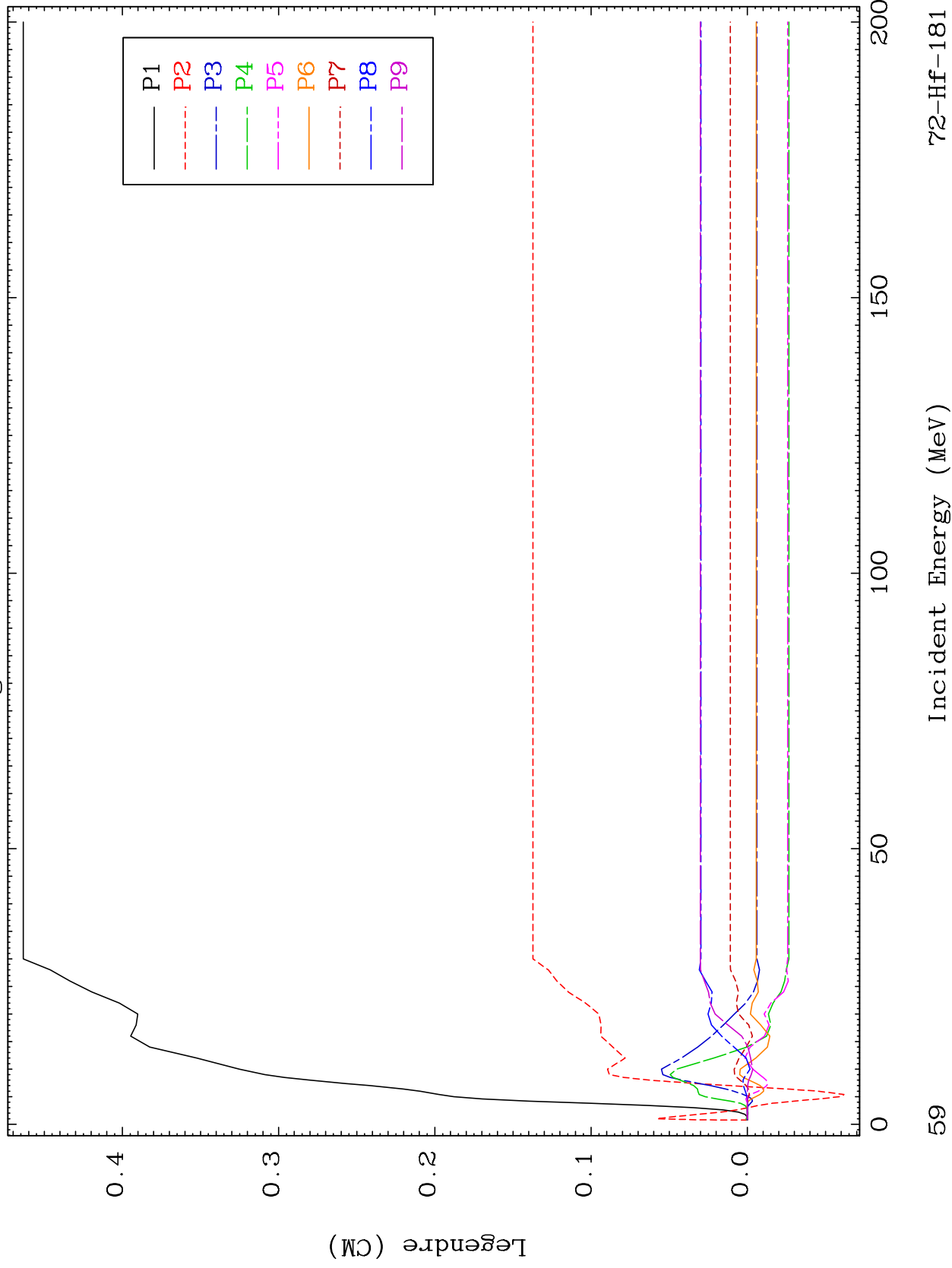


MAT 7246

MT= 64 (n,n') Level

72-Hf-181

Legendre Coefficients



72-Hf-181

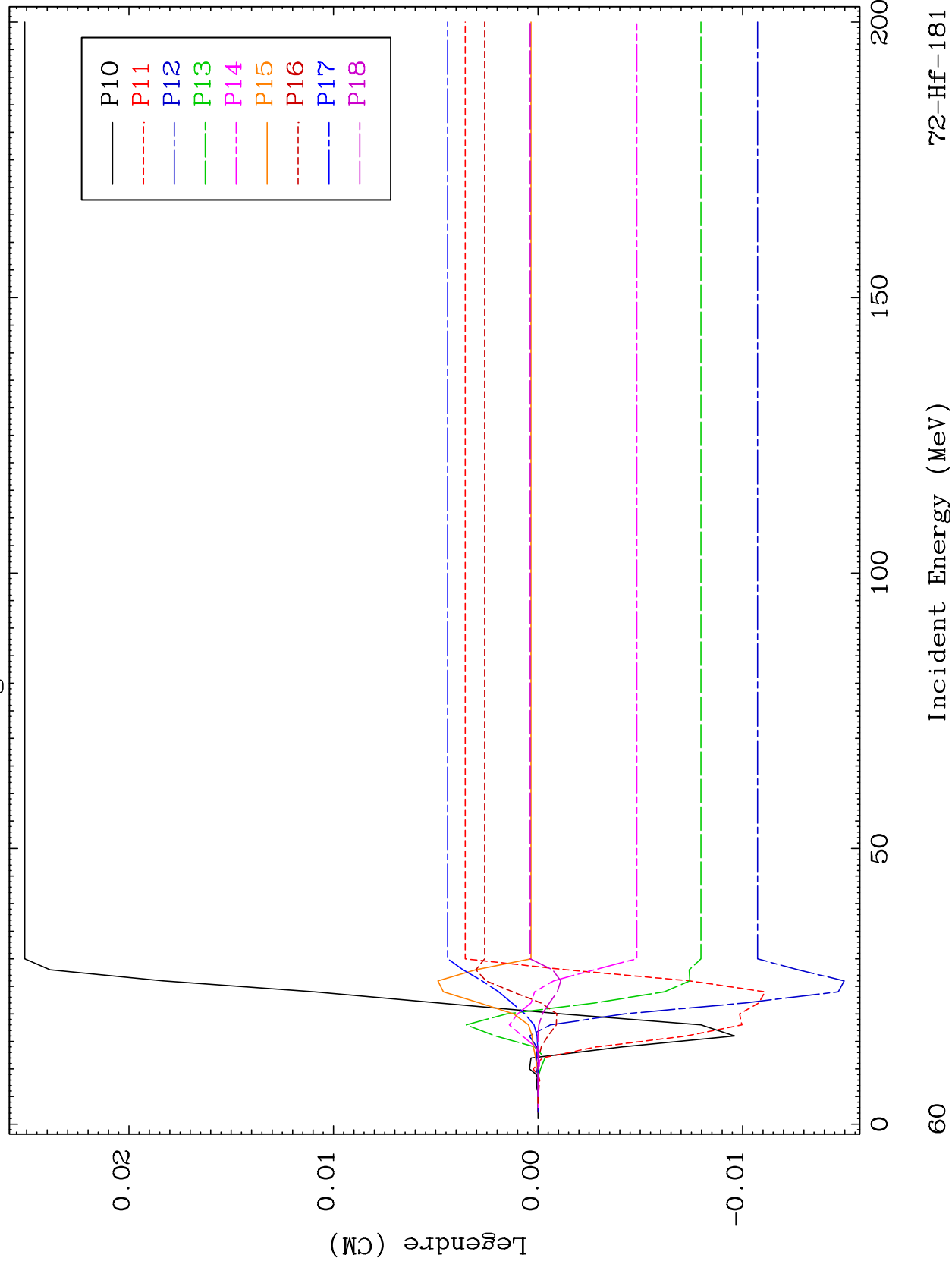
Incident Energy (MeV)

59

MAT 7246

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

72-Hf-181



72-Hf-181

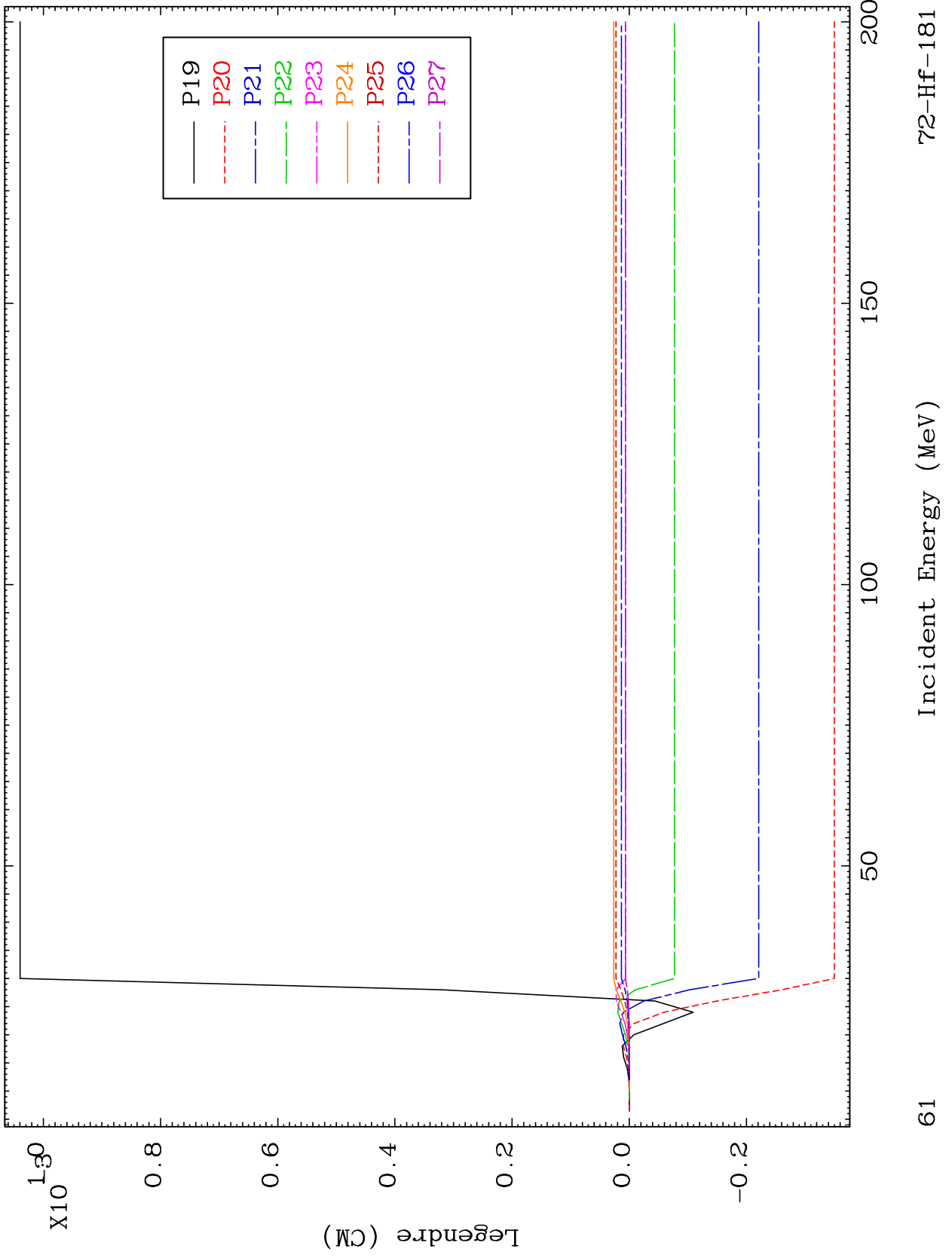
Incident Energy (MeV)

60

MAT 7246

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

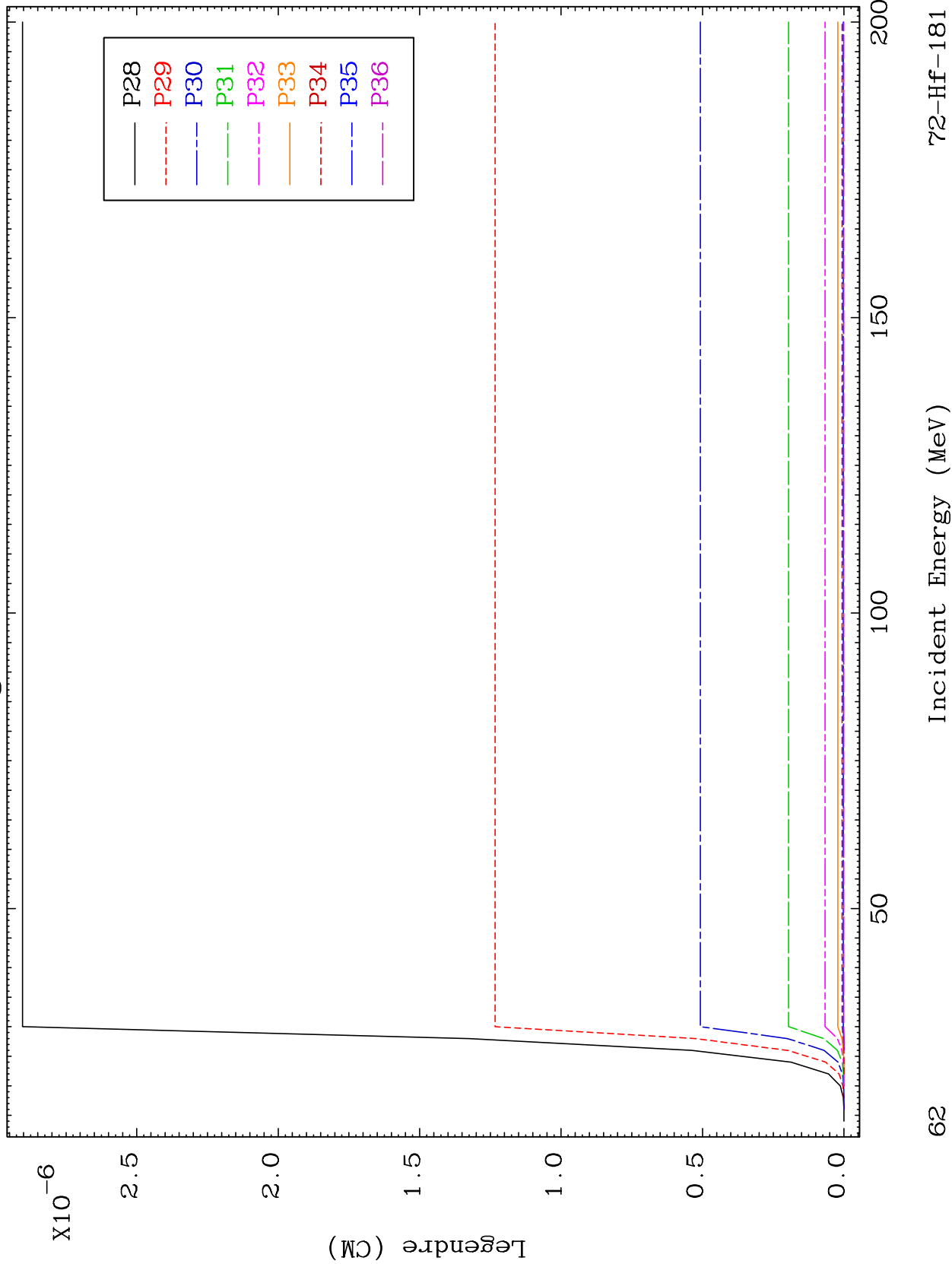
72-Hf-181



MAT 7246

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

72-Hf-181



62

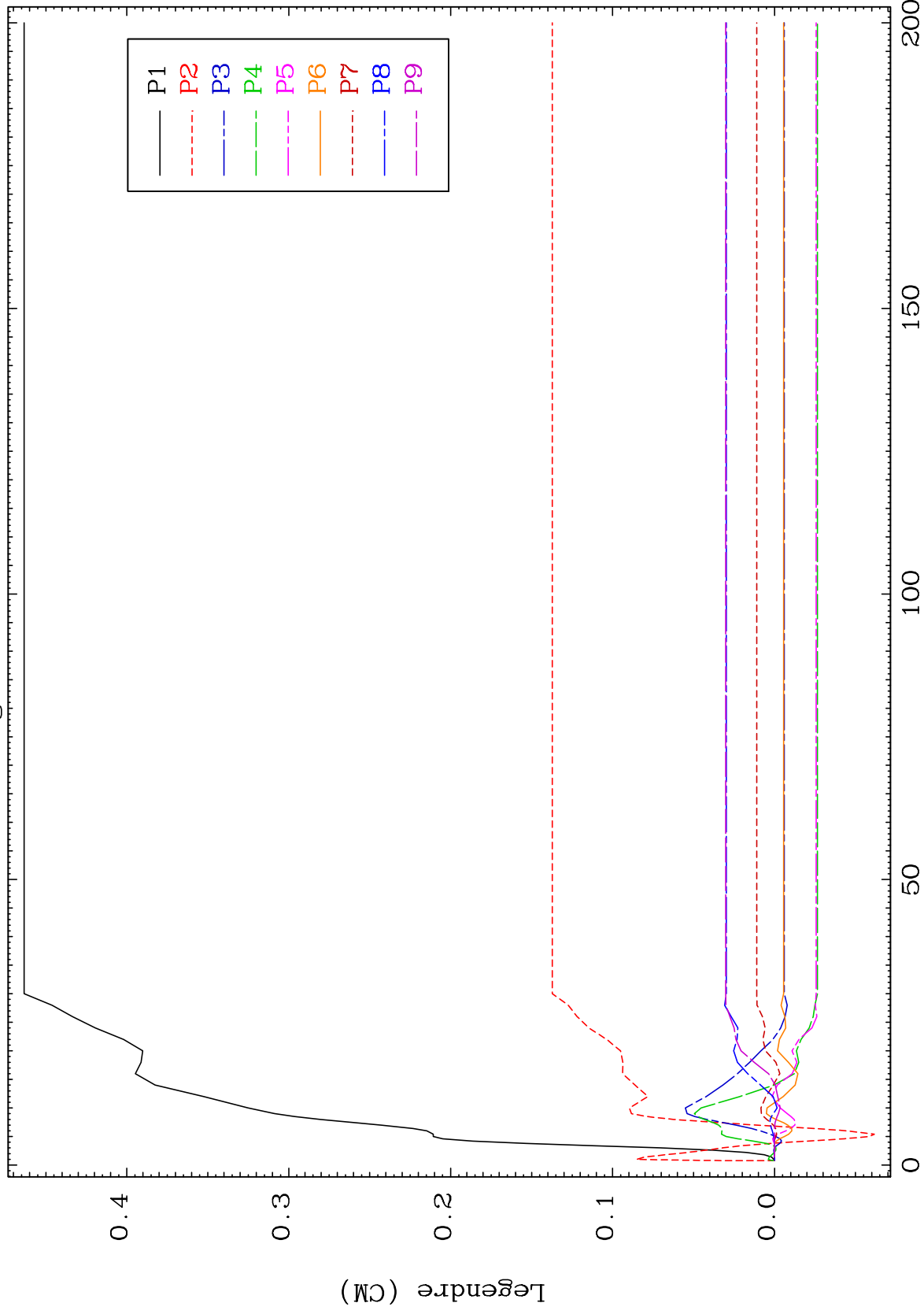
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



63

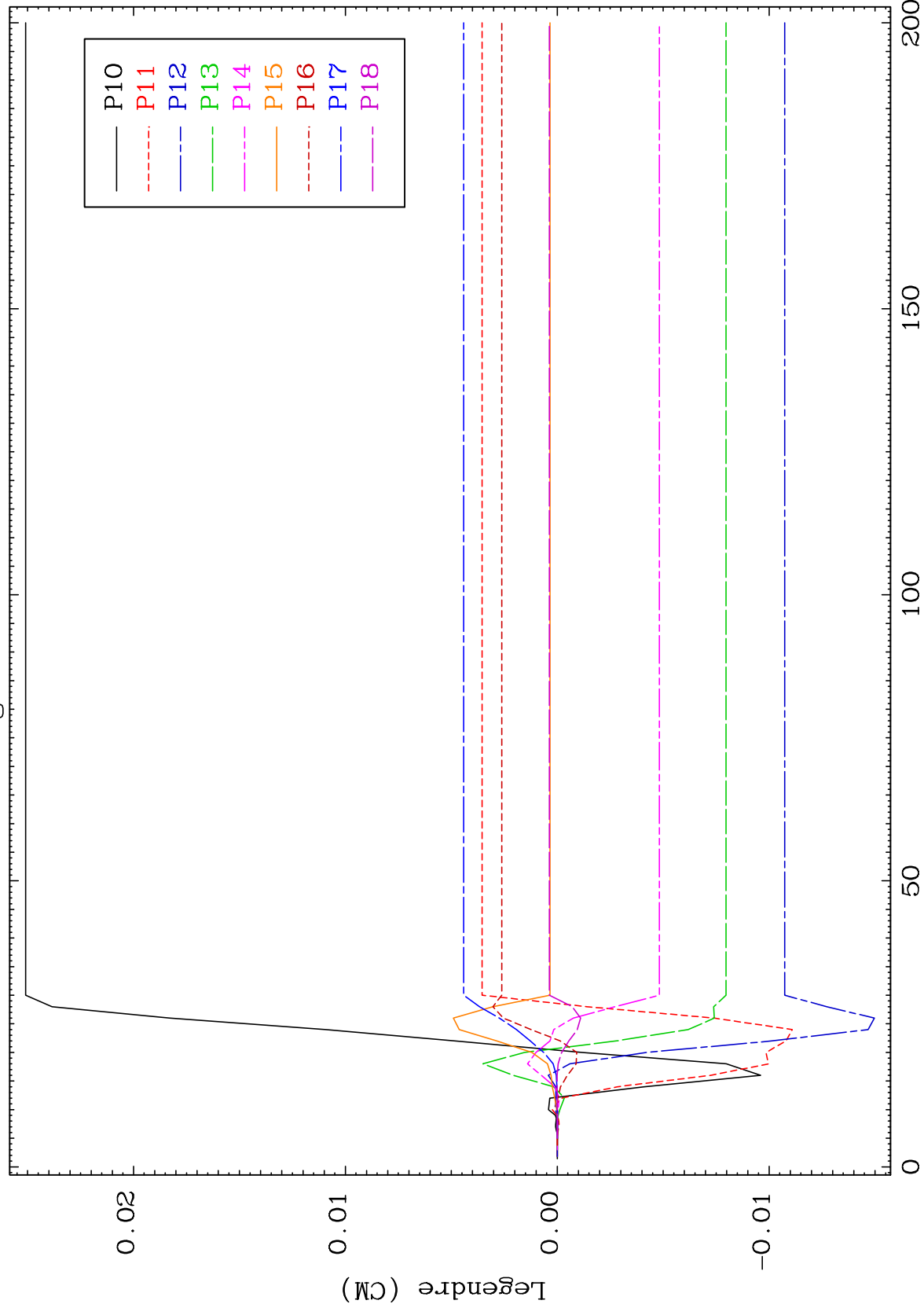
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



64

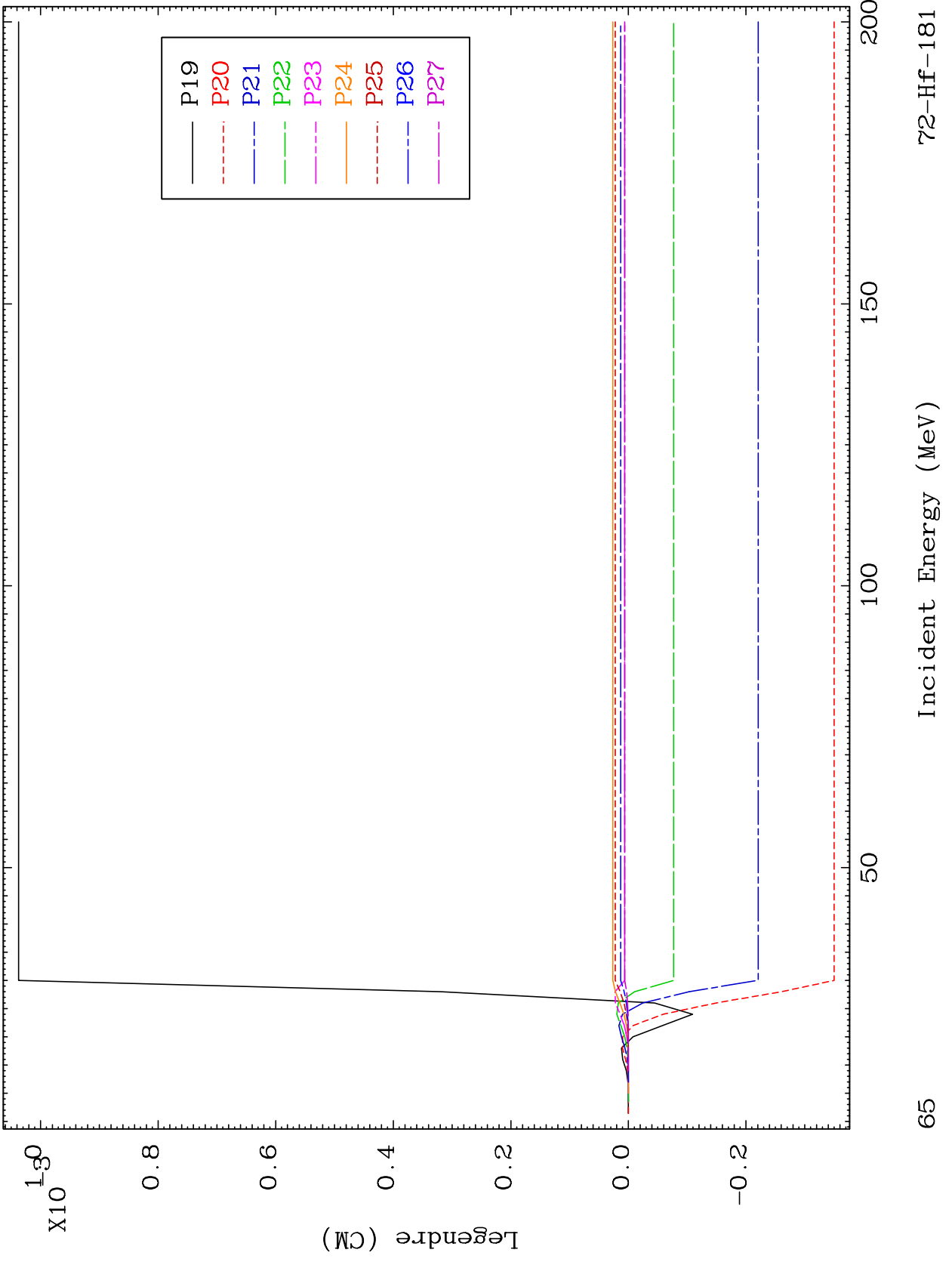
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



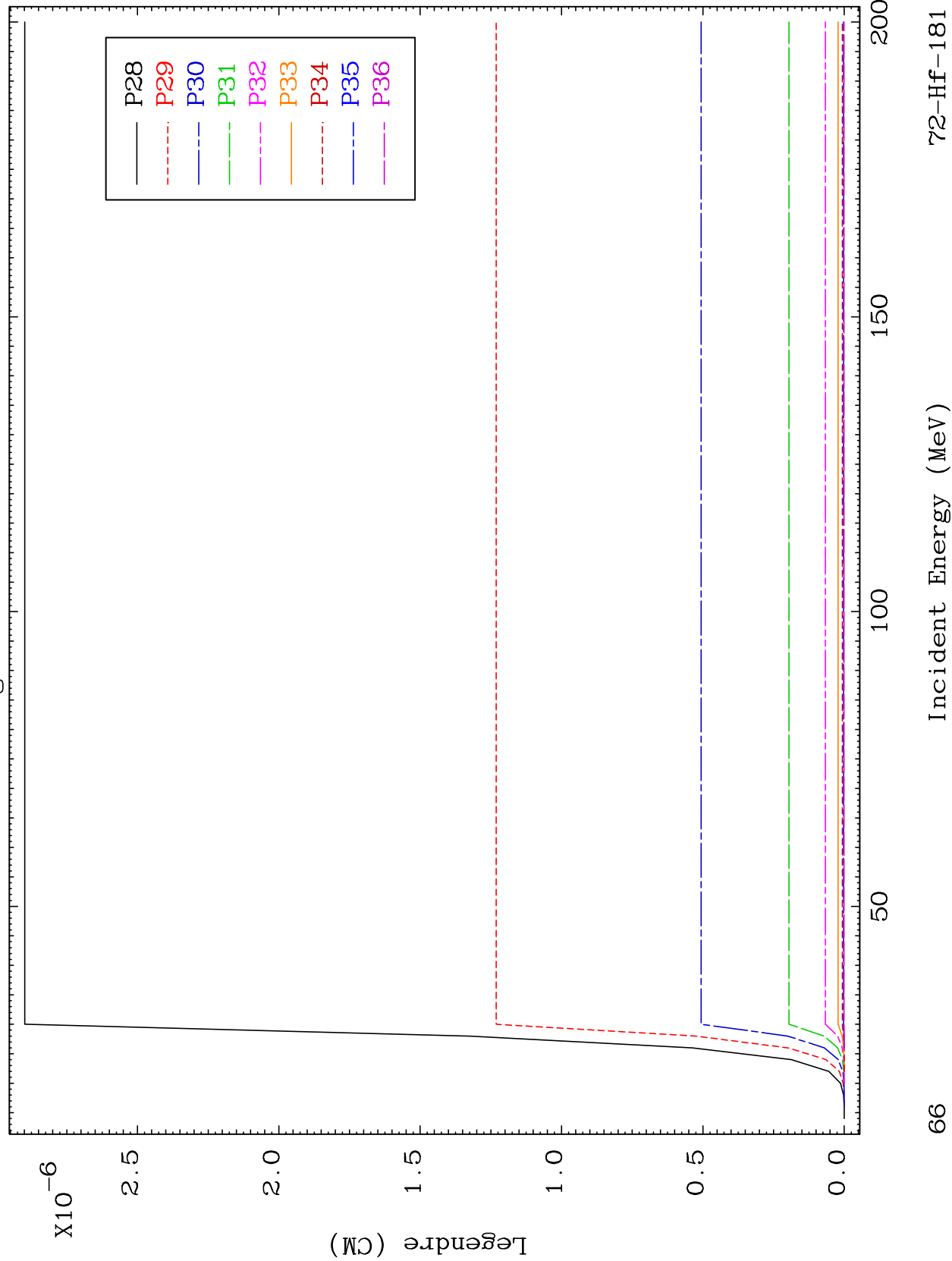
65

72-Hf-181

MAT 7246

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

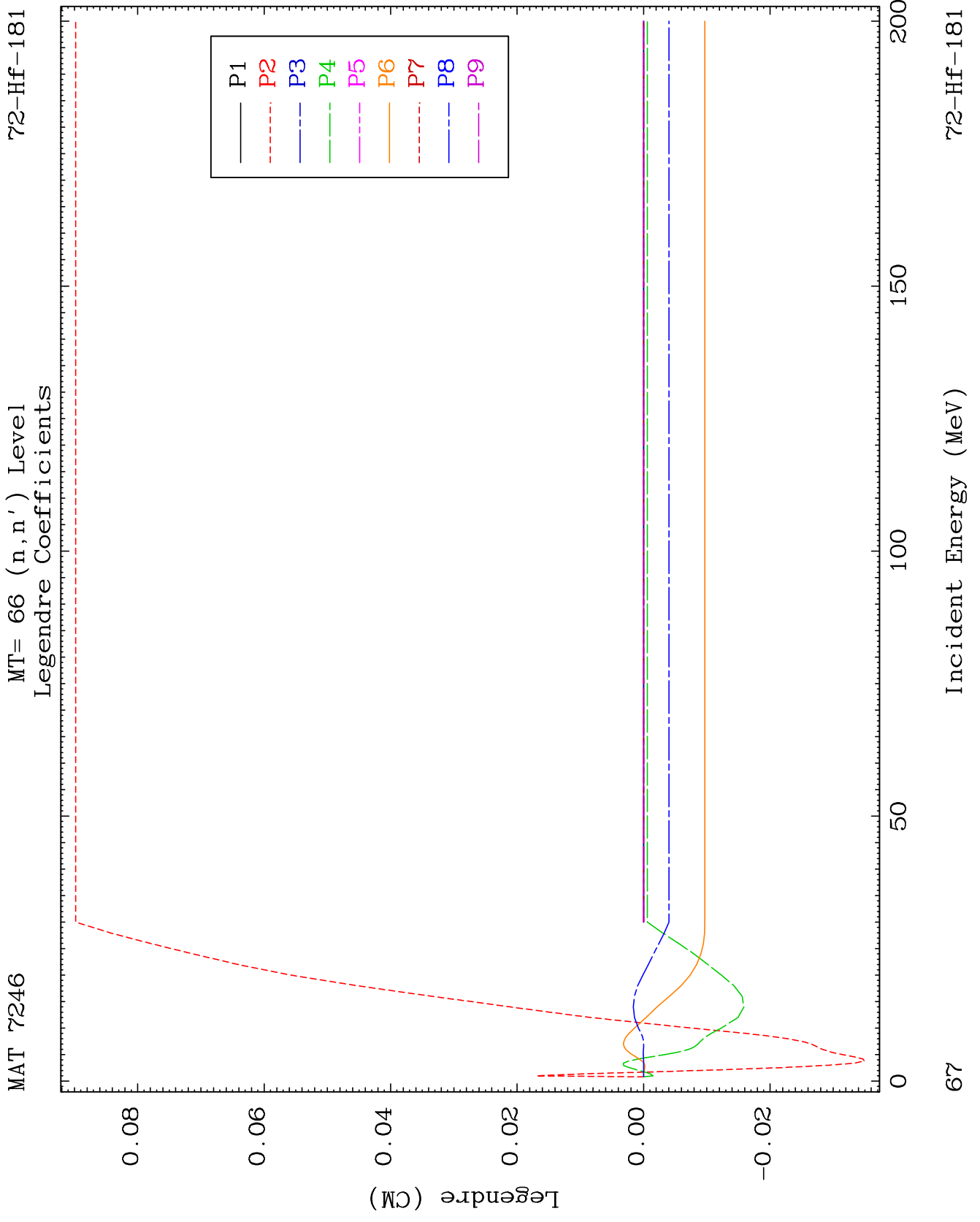
72-Hf-181



66

Incident Energy (MeV)

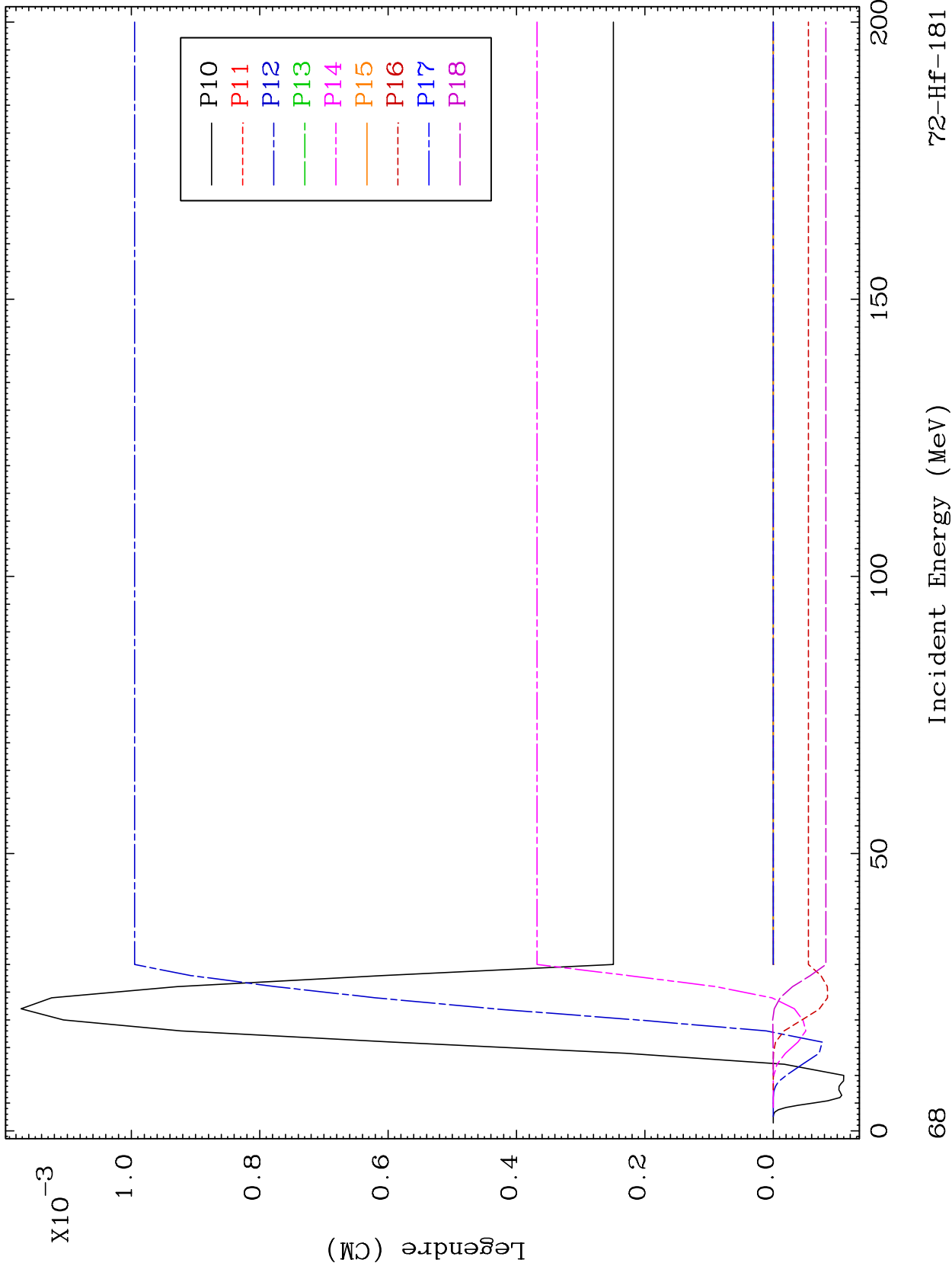
72-Hf-181



MAT 7246

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

72-Hf-181



68

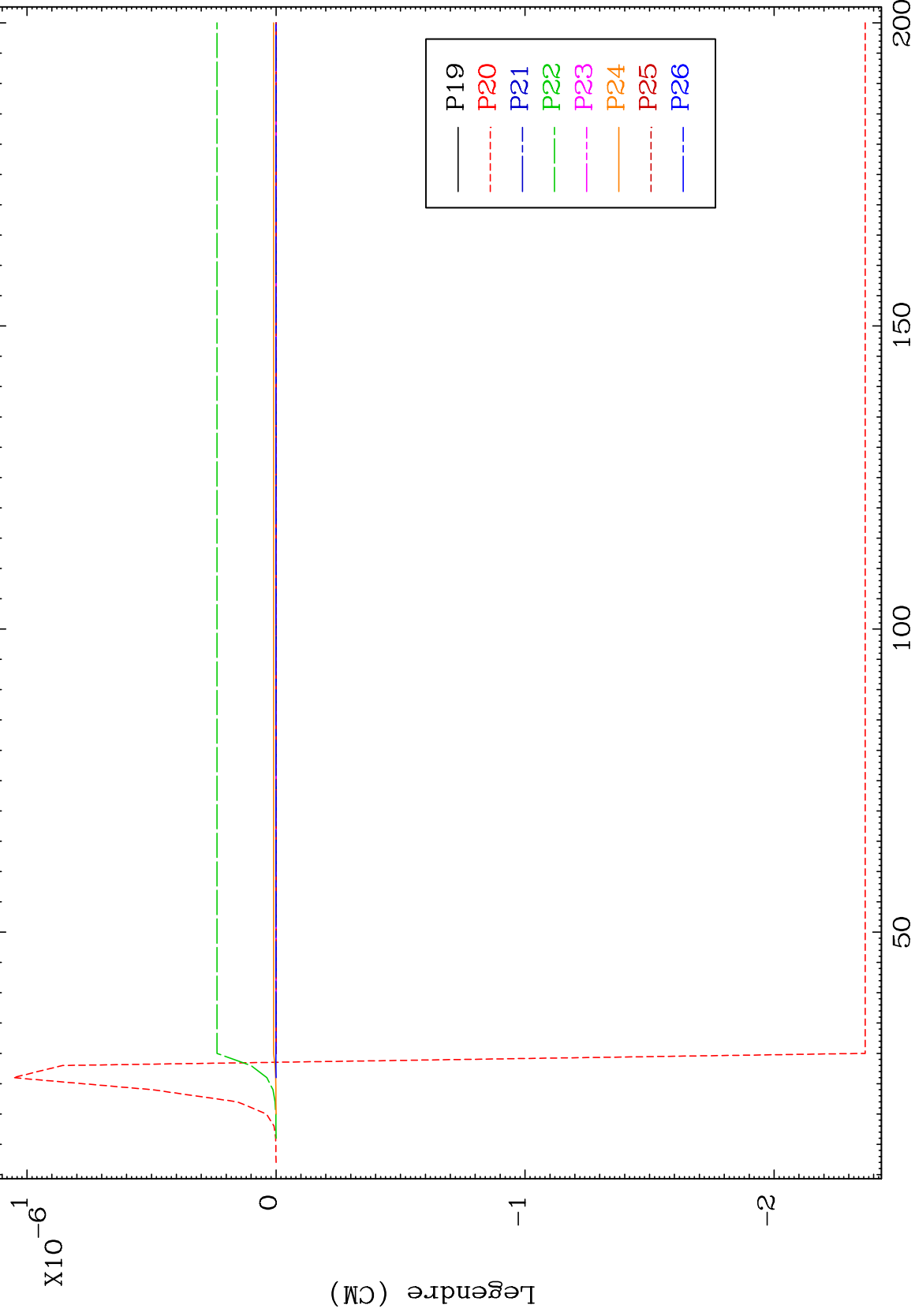
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

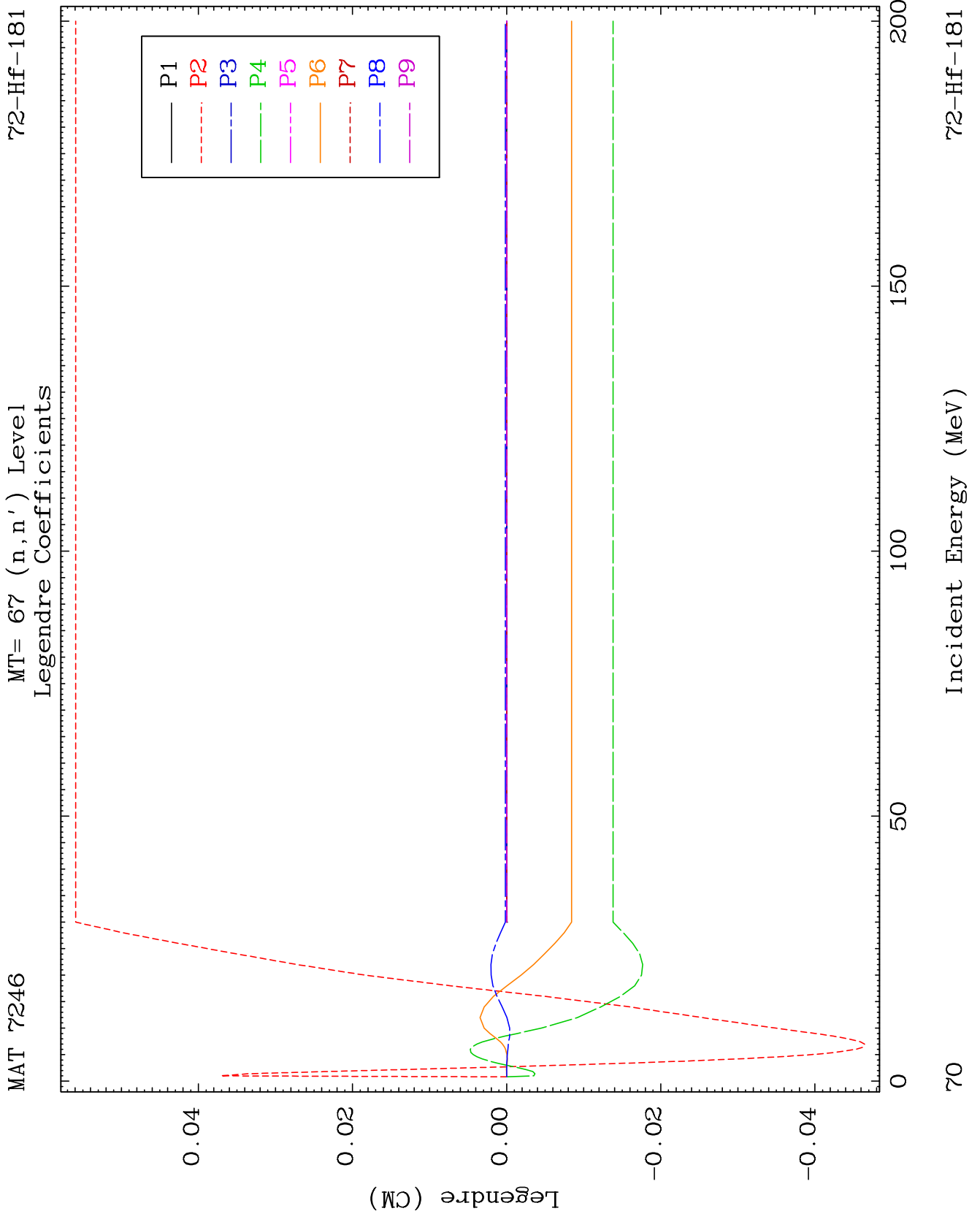
72-Hf-181



69

Incident Energy (MeV)

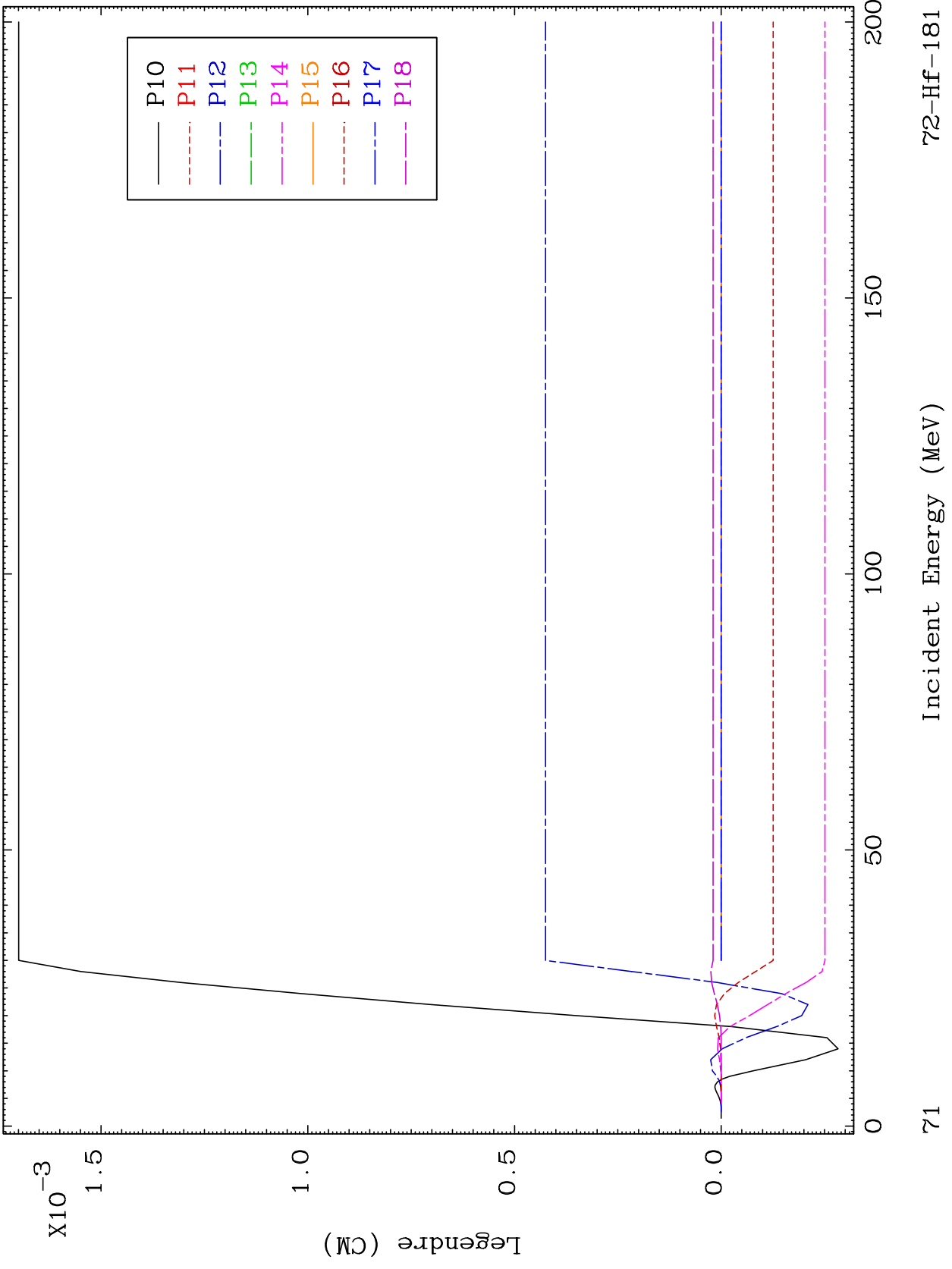
72-Hf-181



MAT 7246

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

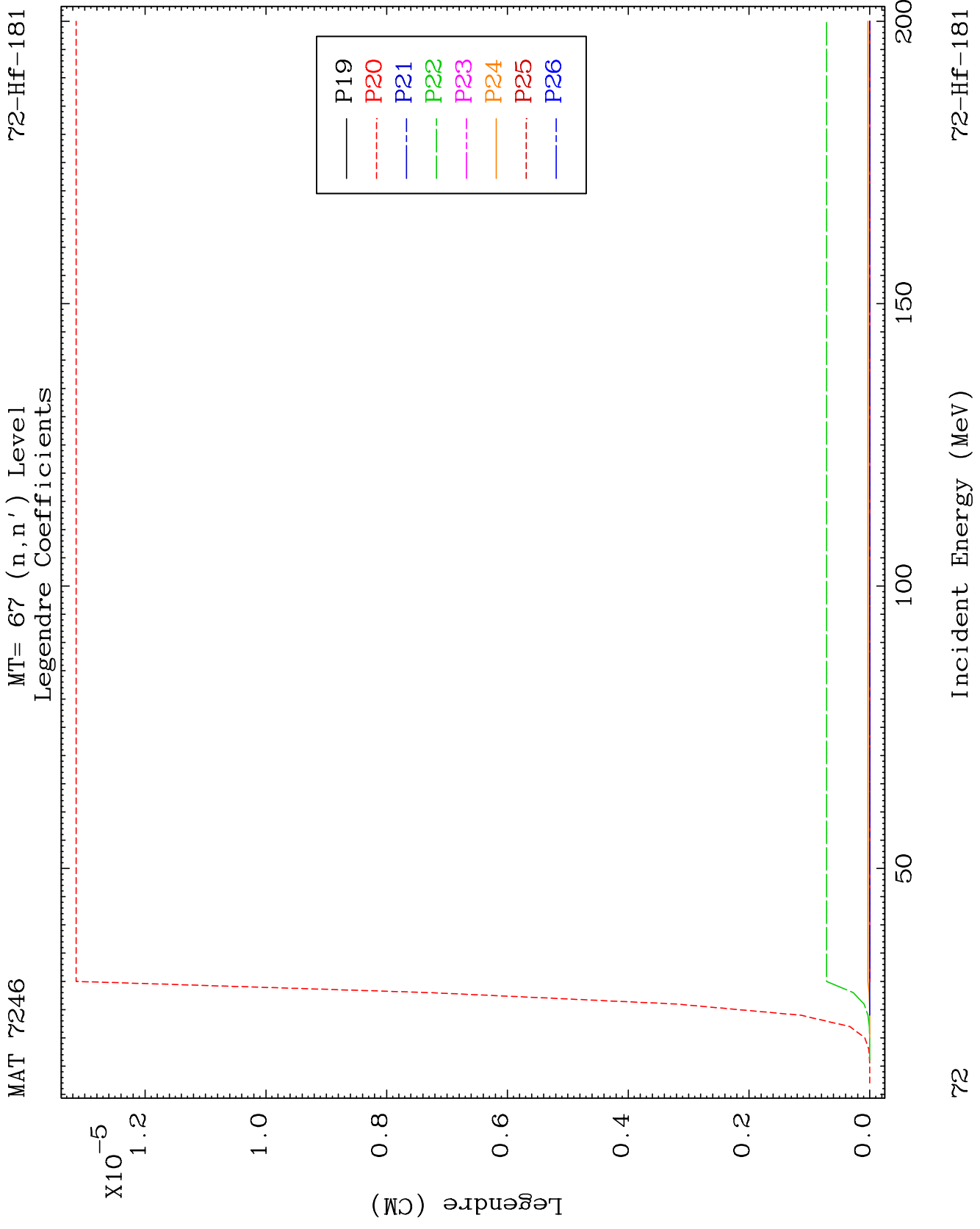
72-Hf-181



71

Incident Energy (MeV)

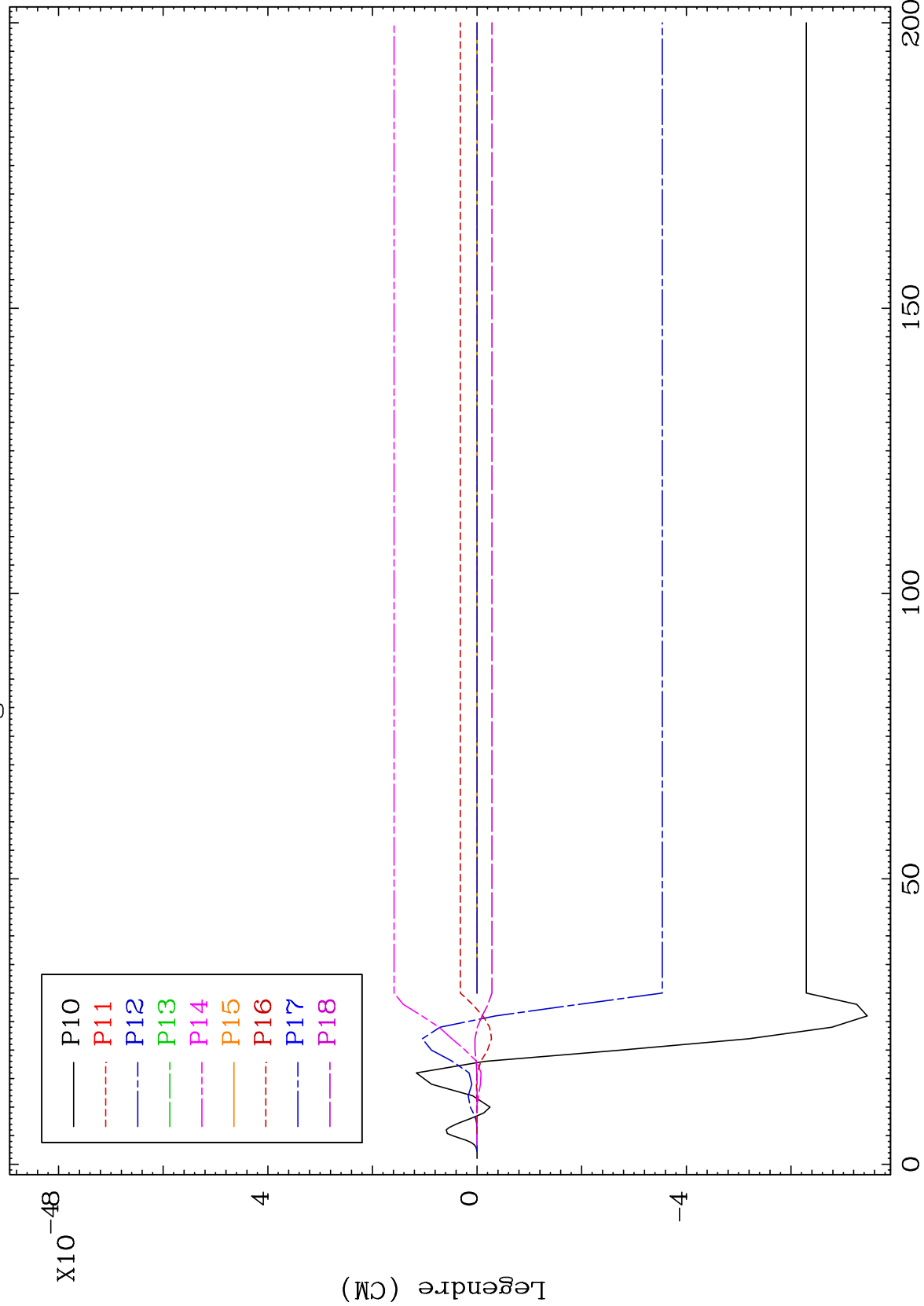
72-Hf-181



MAT 7246

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

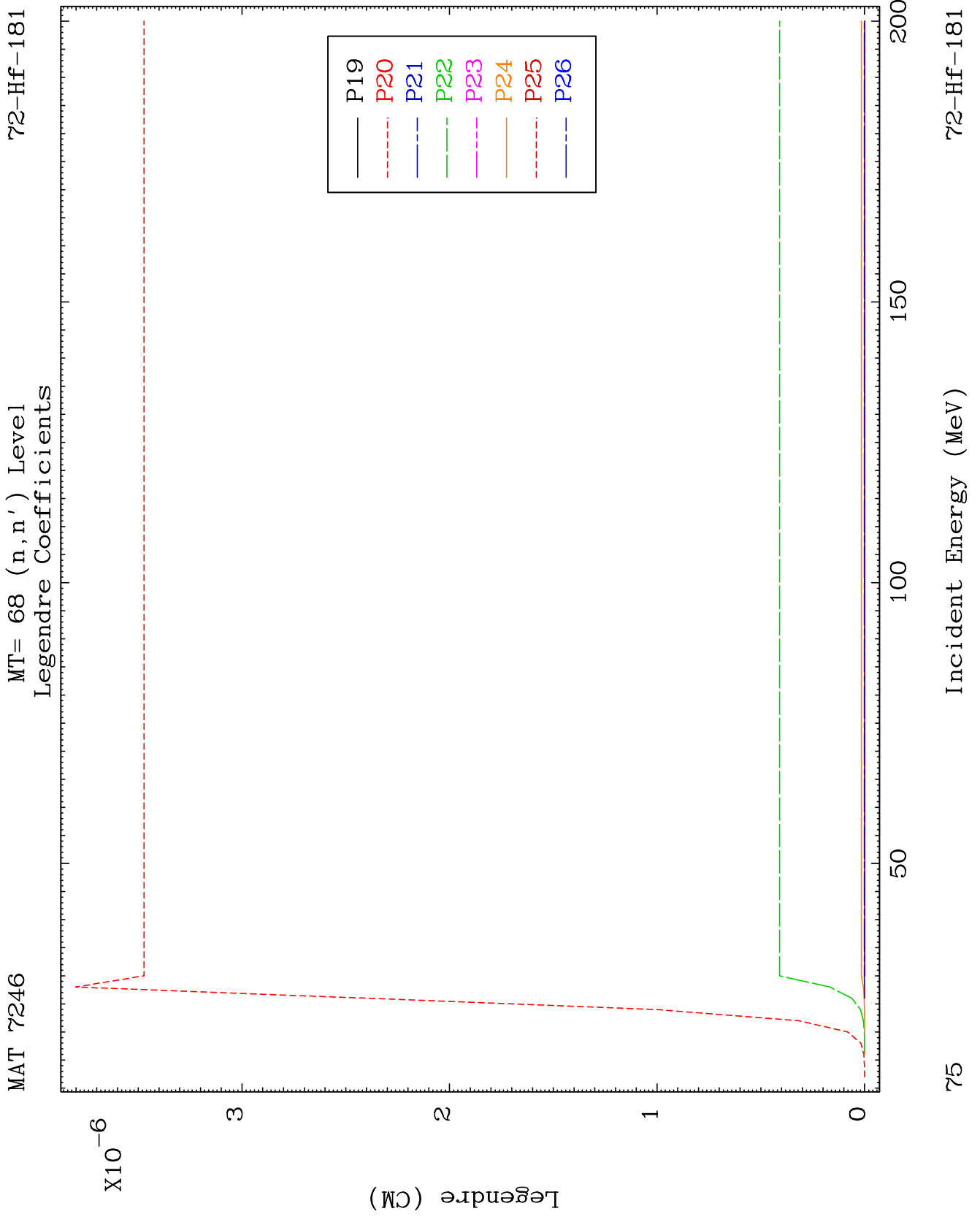
72-Hf-181

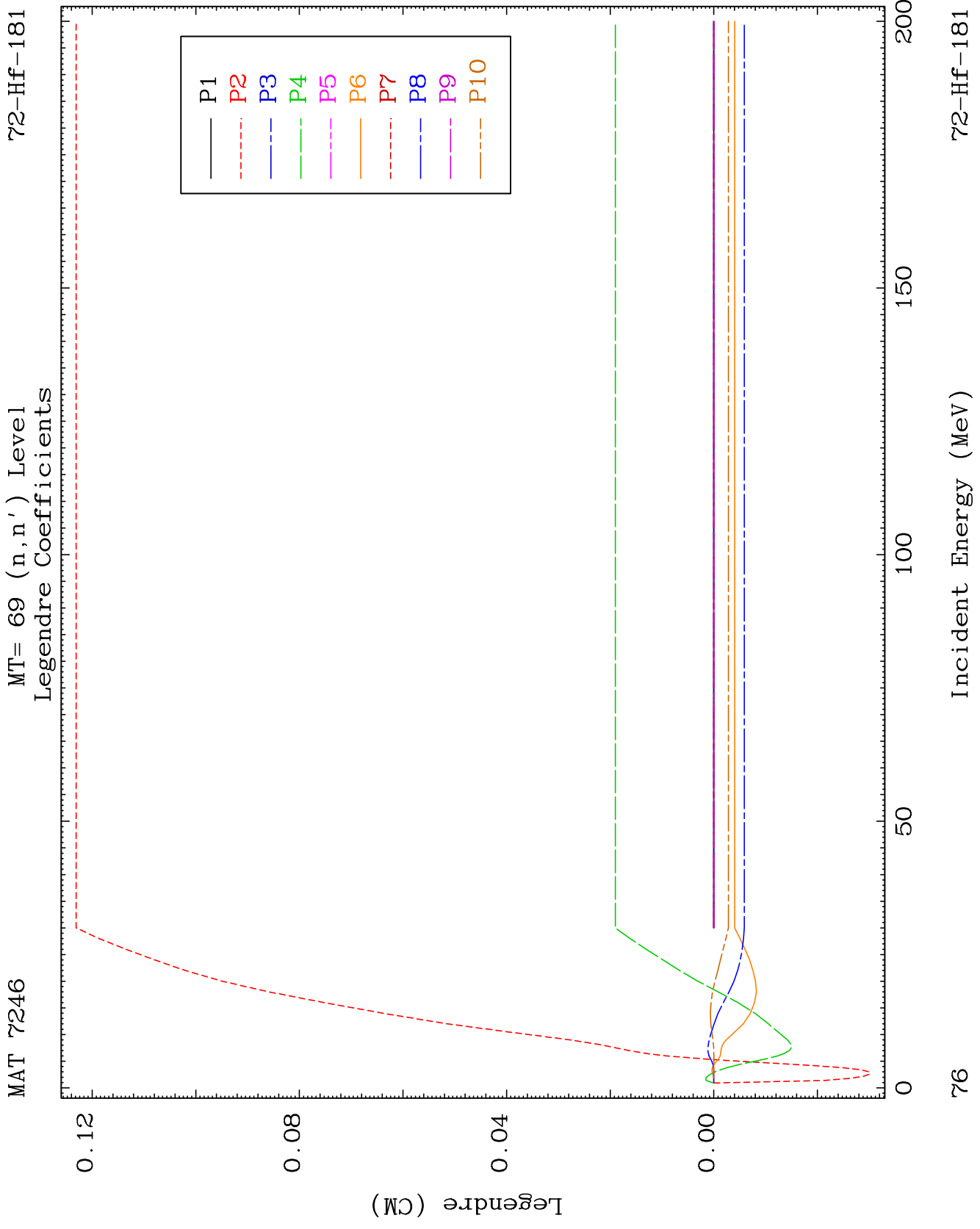


74

Incident Energy (MeV)

72-Hf-181

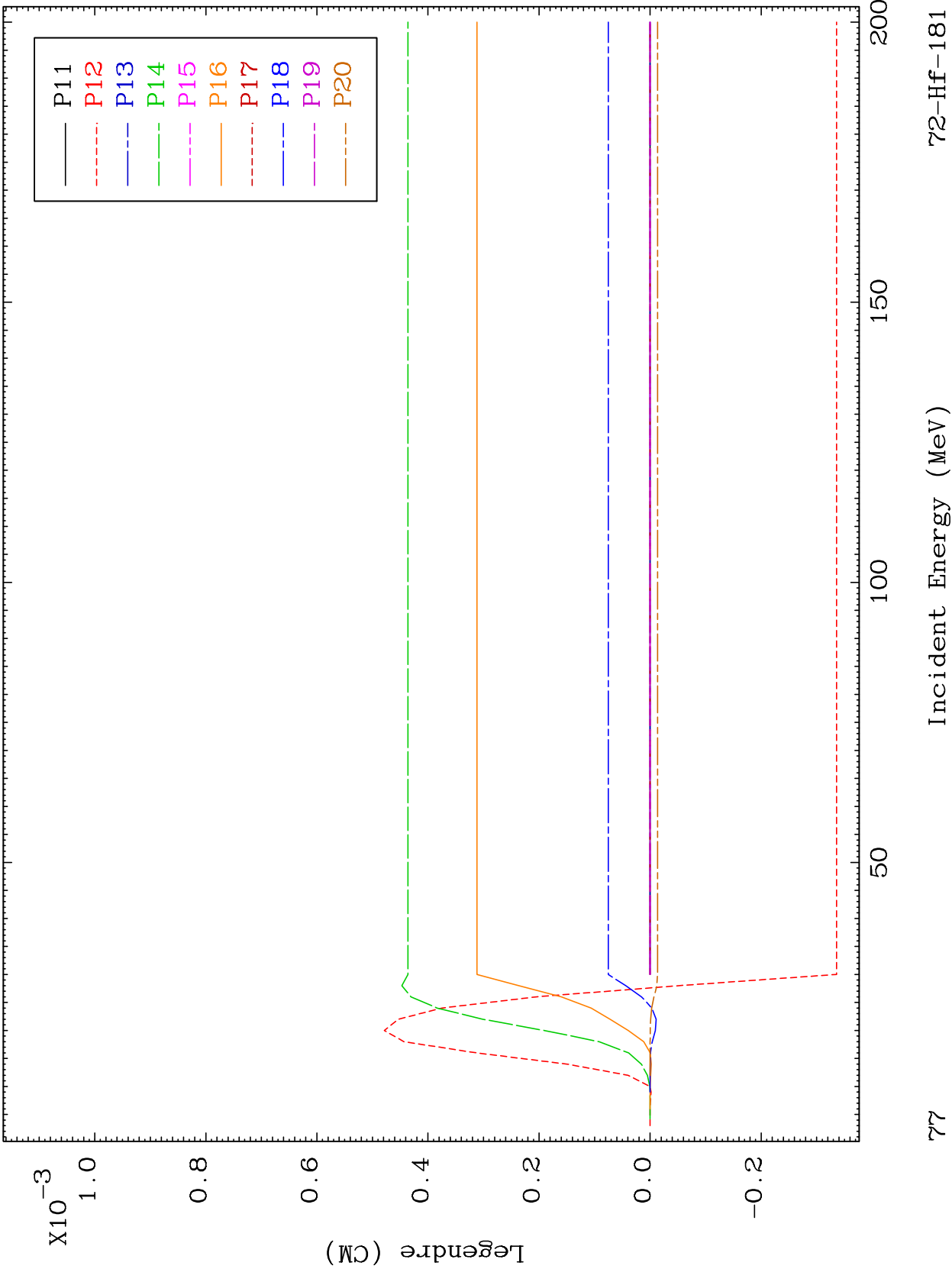


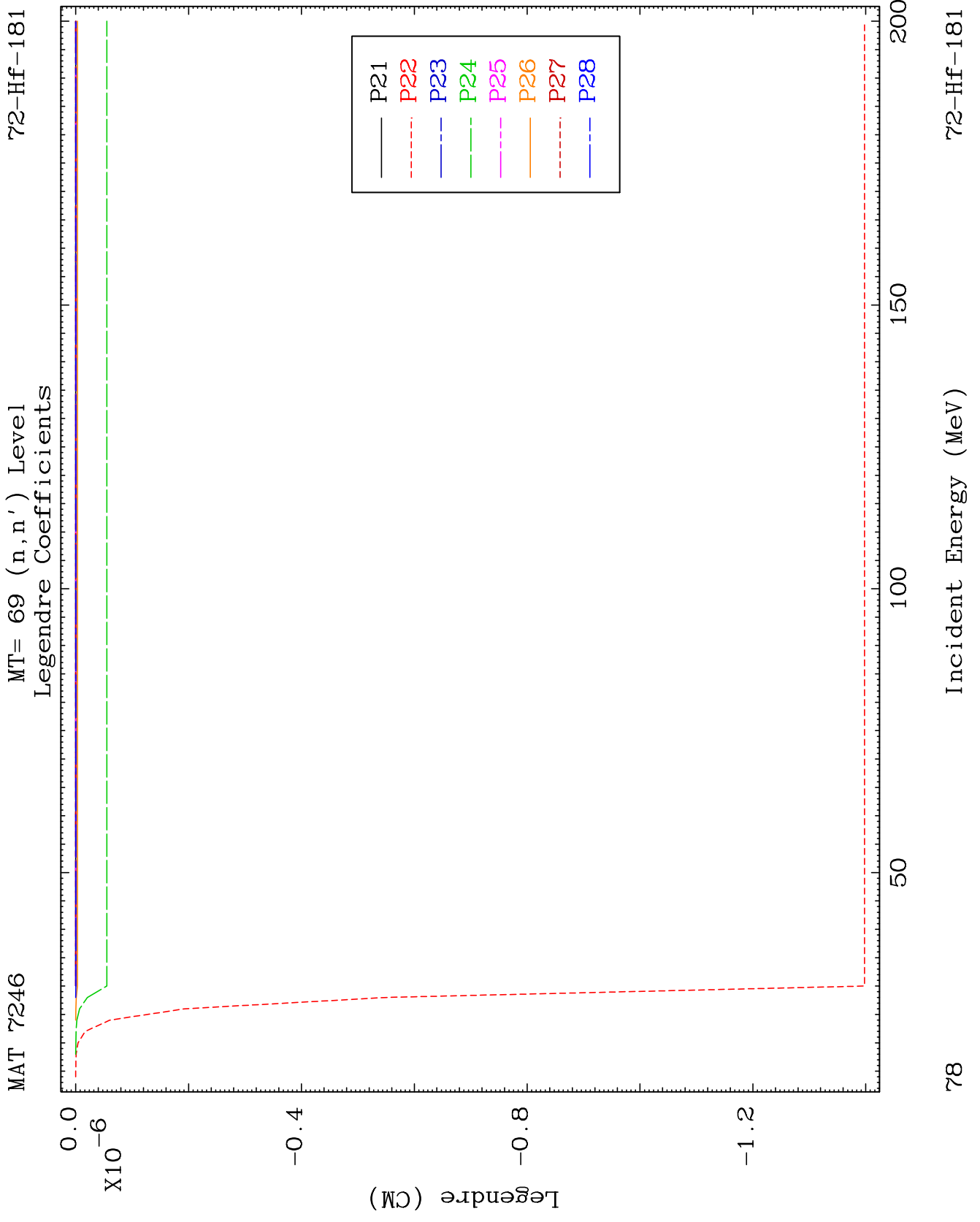


MAT 7246

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

72-Hf-181

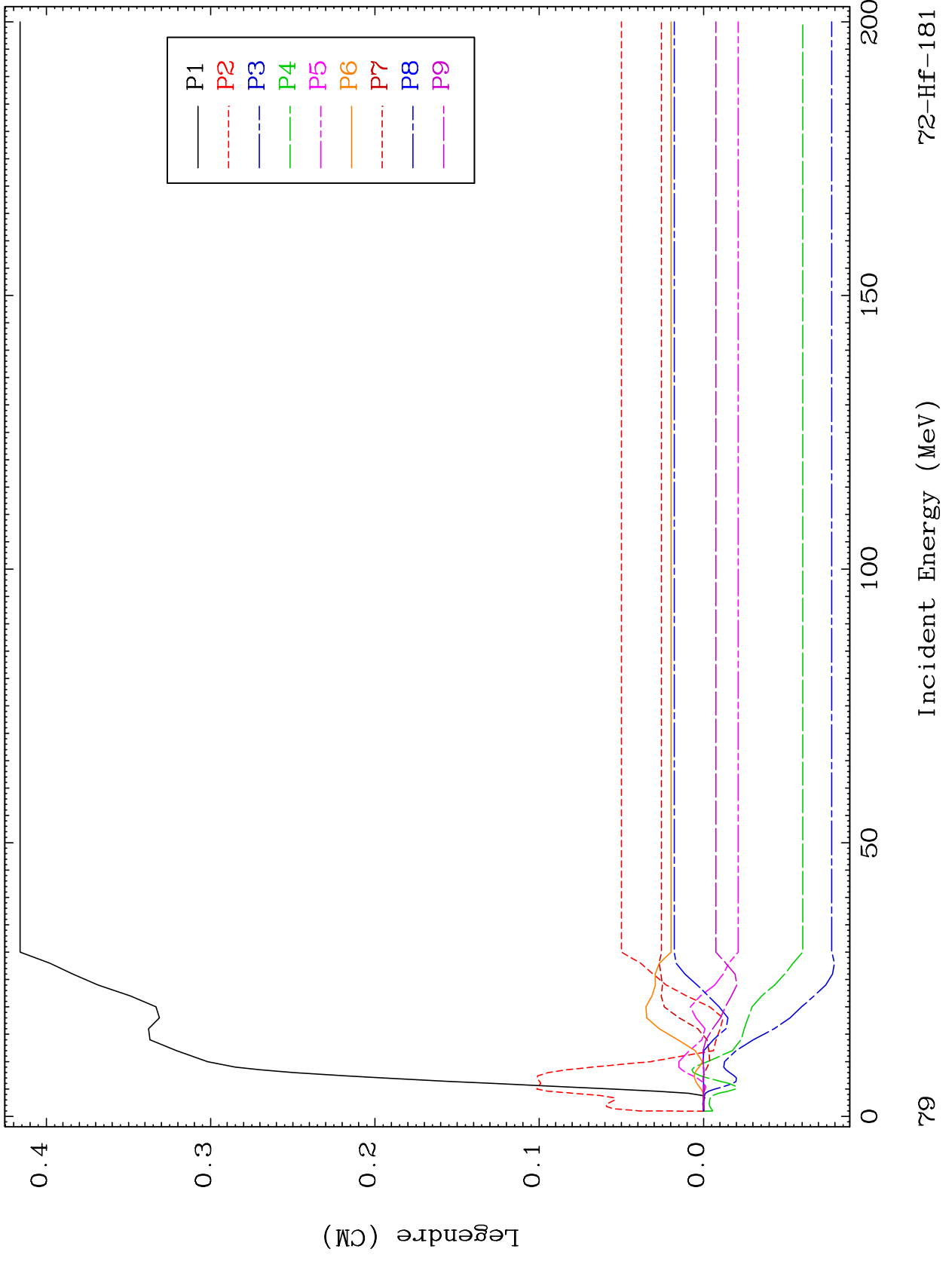




MAT 7246

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

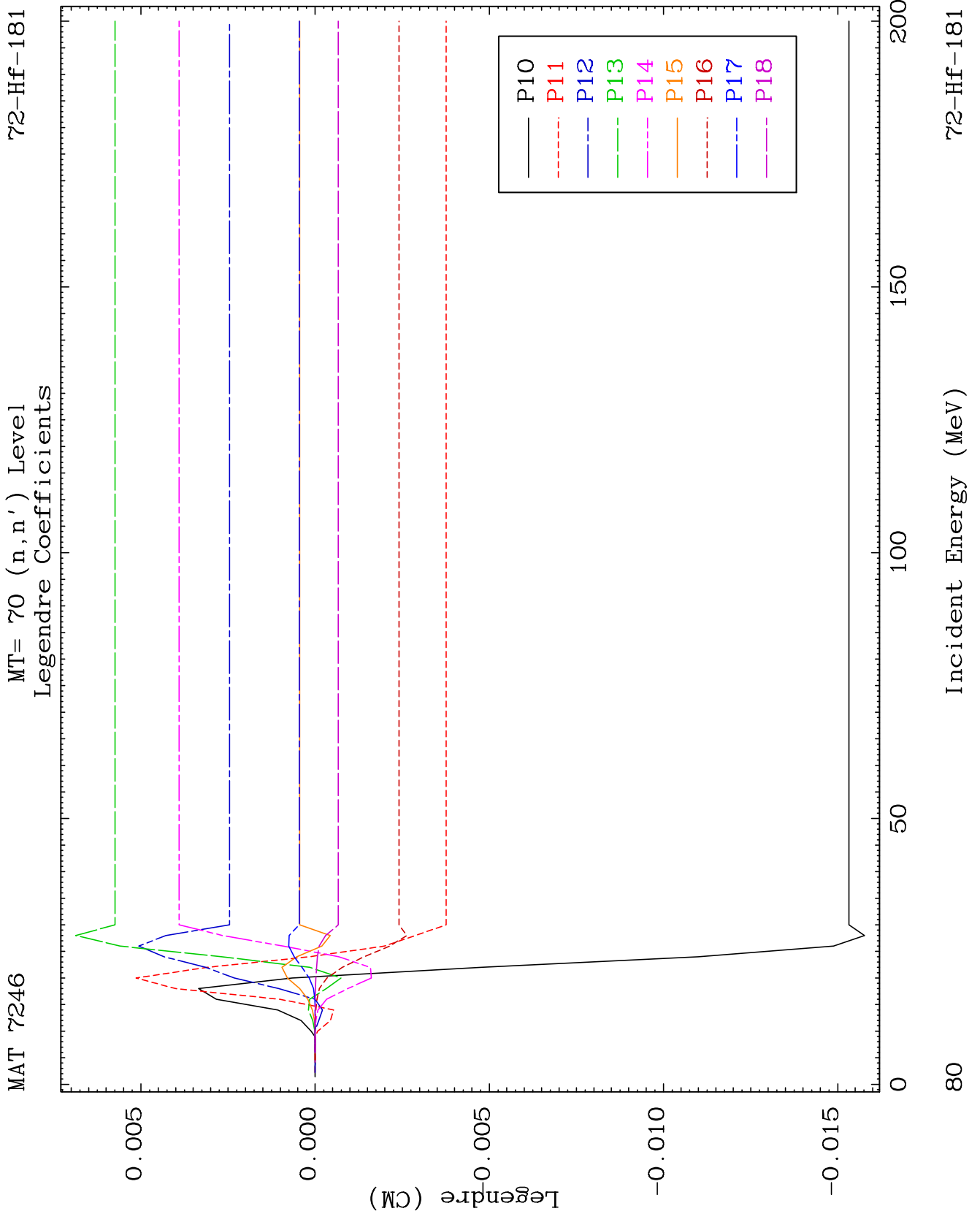
72-Hf-181



79

Incident Energy (MeV)

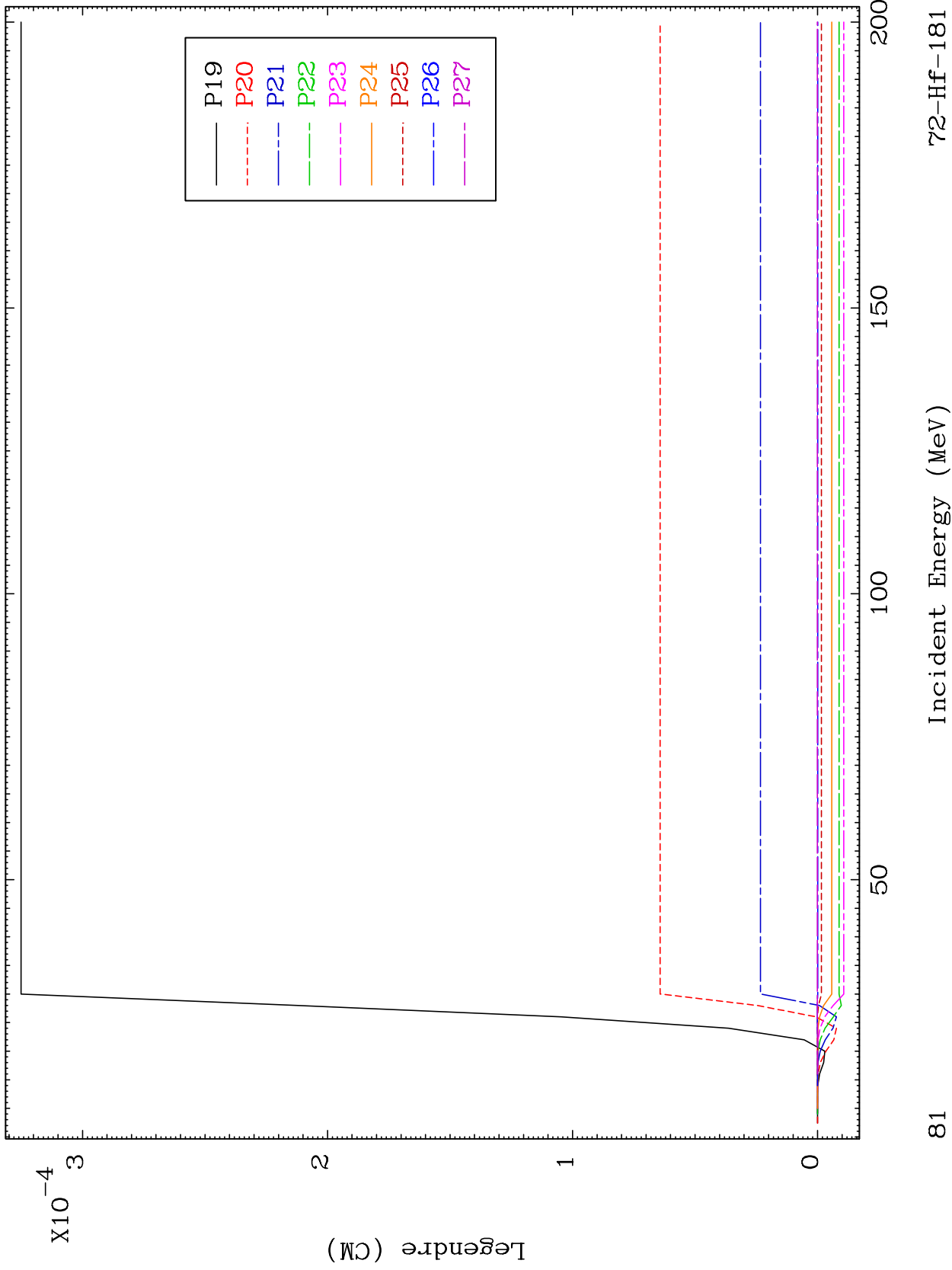
72-Hf-181



MAT 7246

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

72-Hf-181

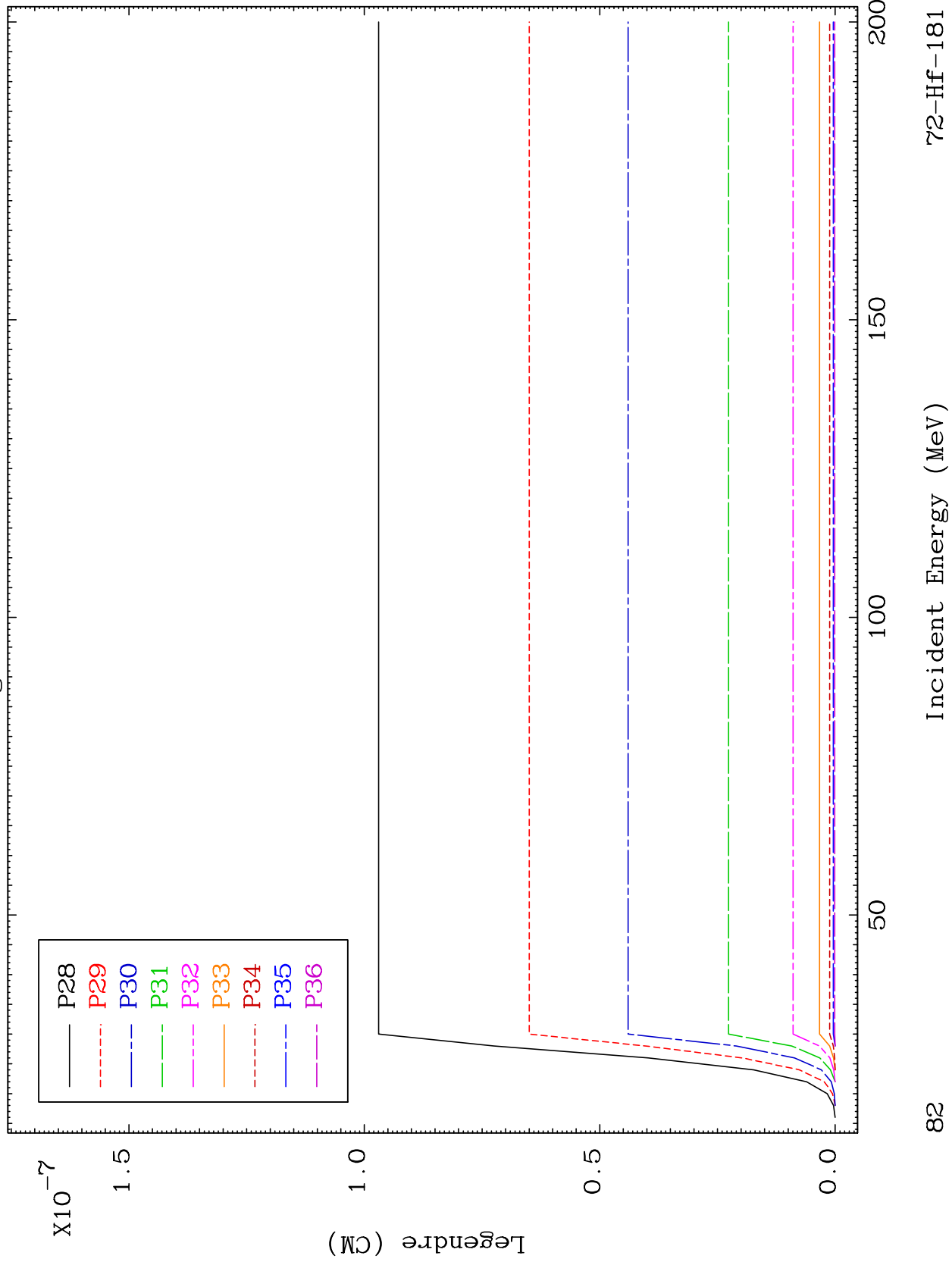


81

MAT 7246

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

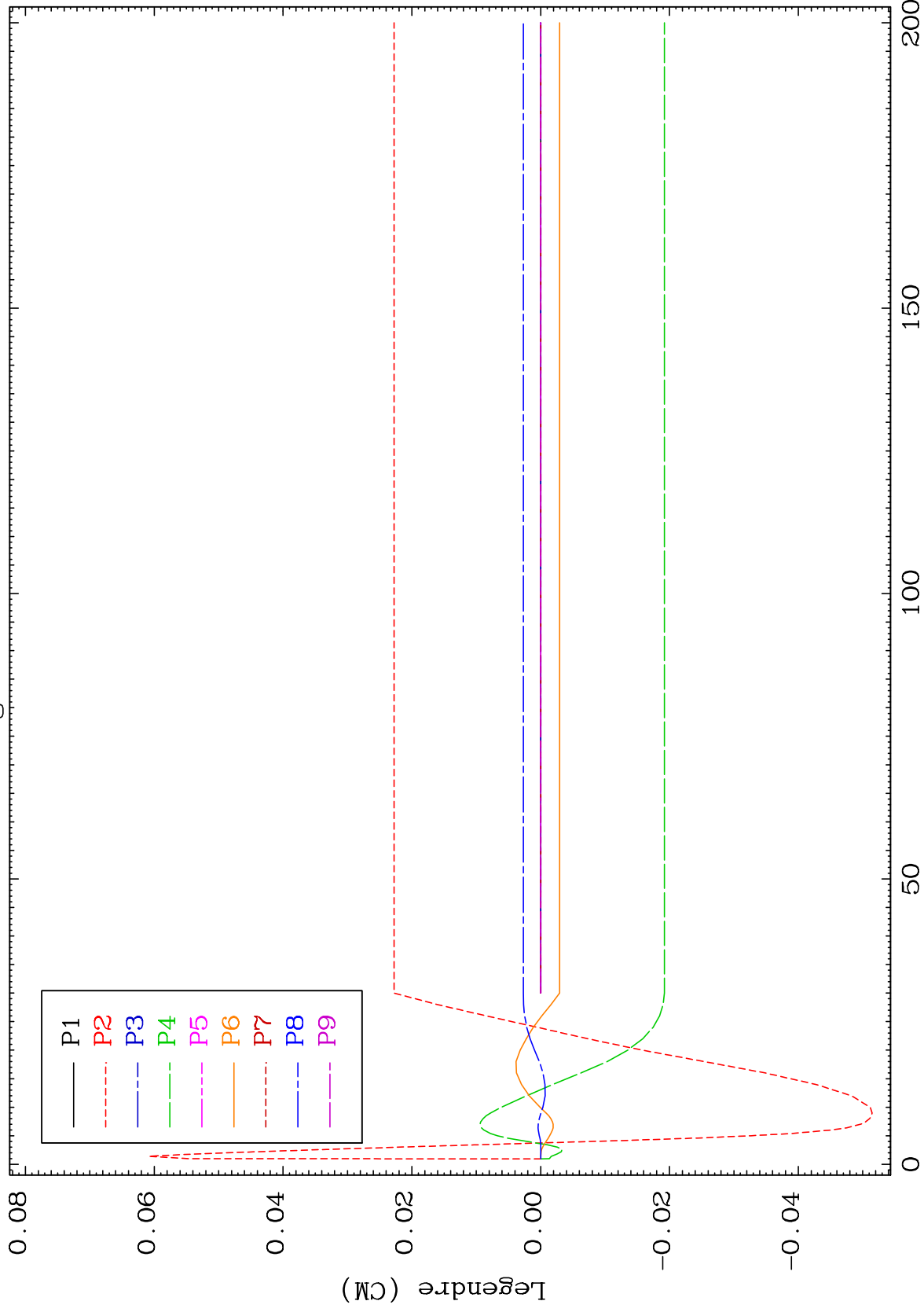
72-Hf-181



MAT 7246

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

72-Hf-181



83

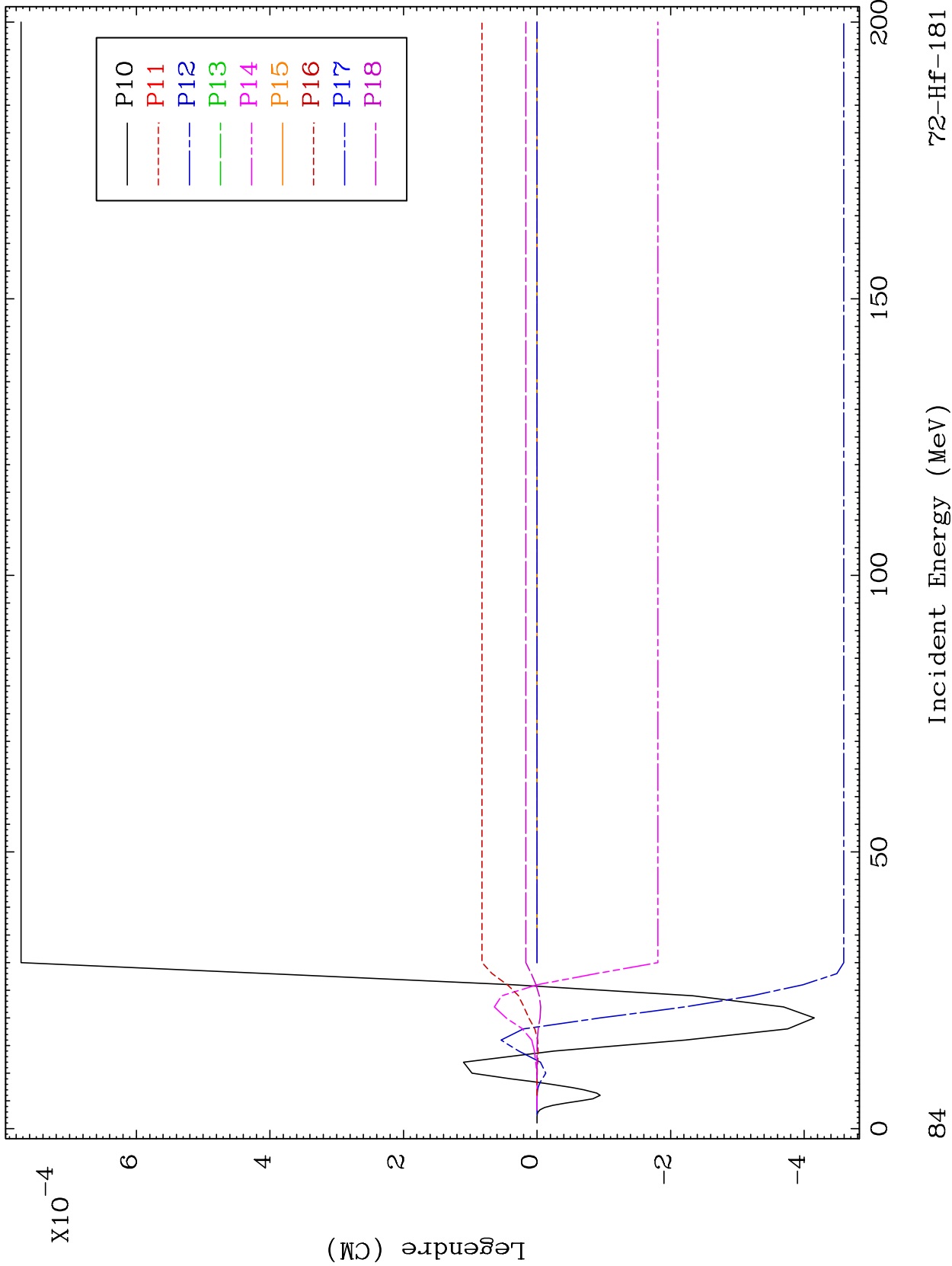
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

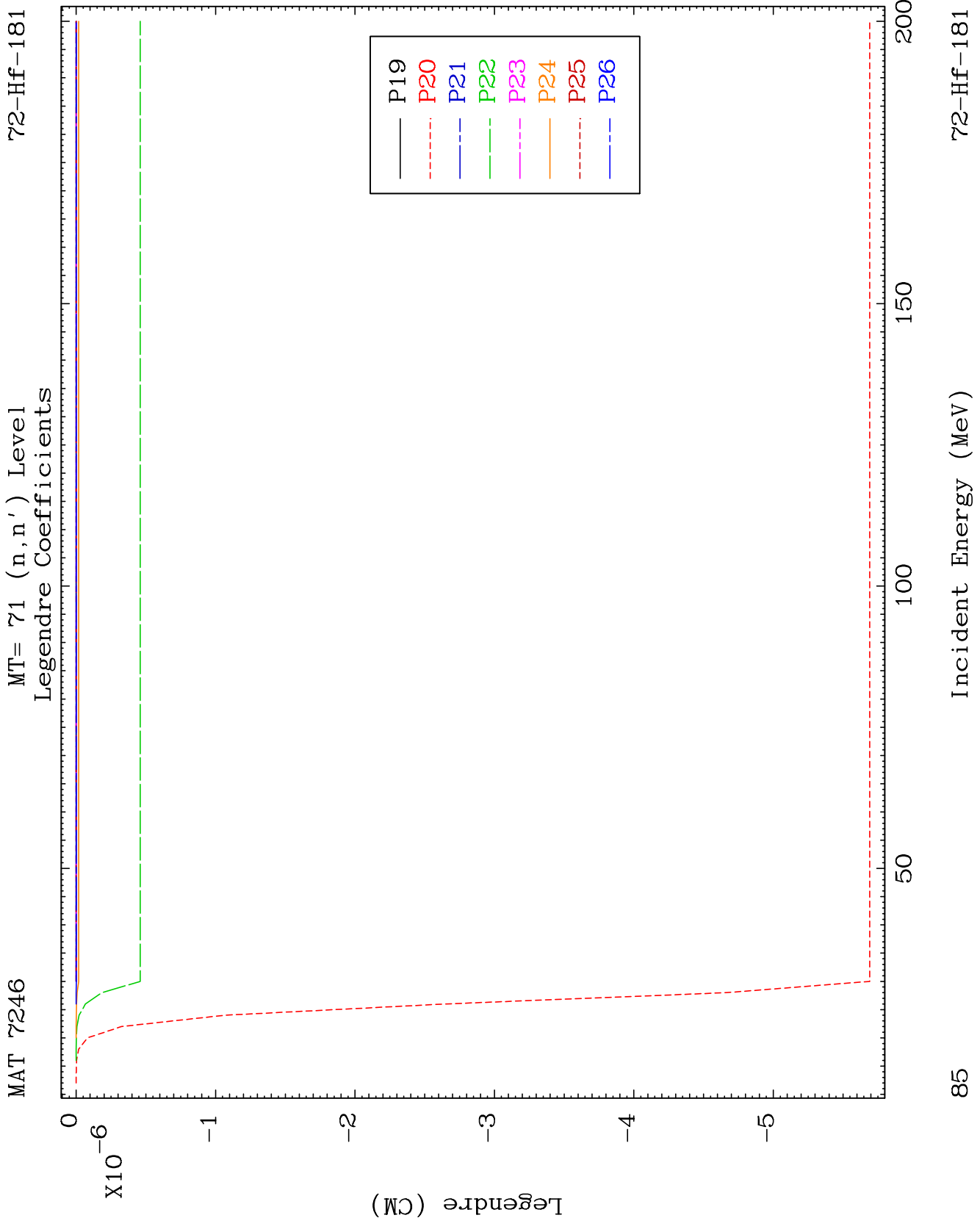
72-Hf-181



84

Incident Energy (MeV)

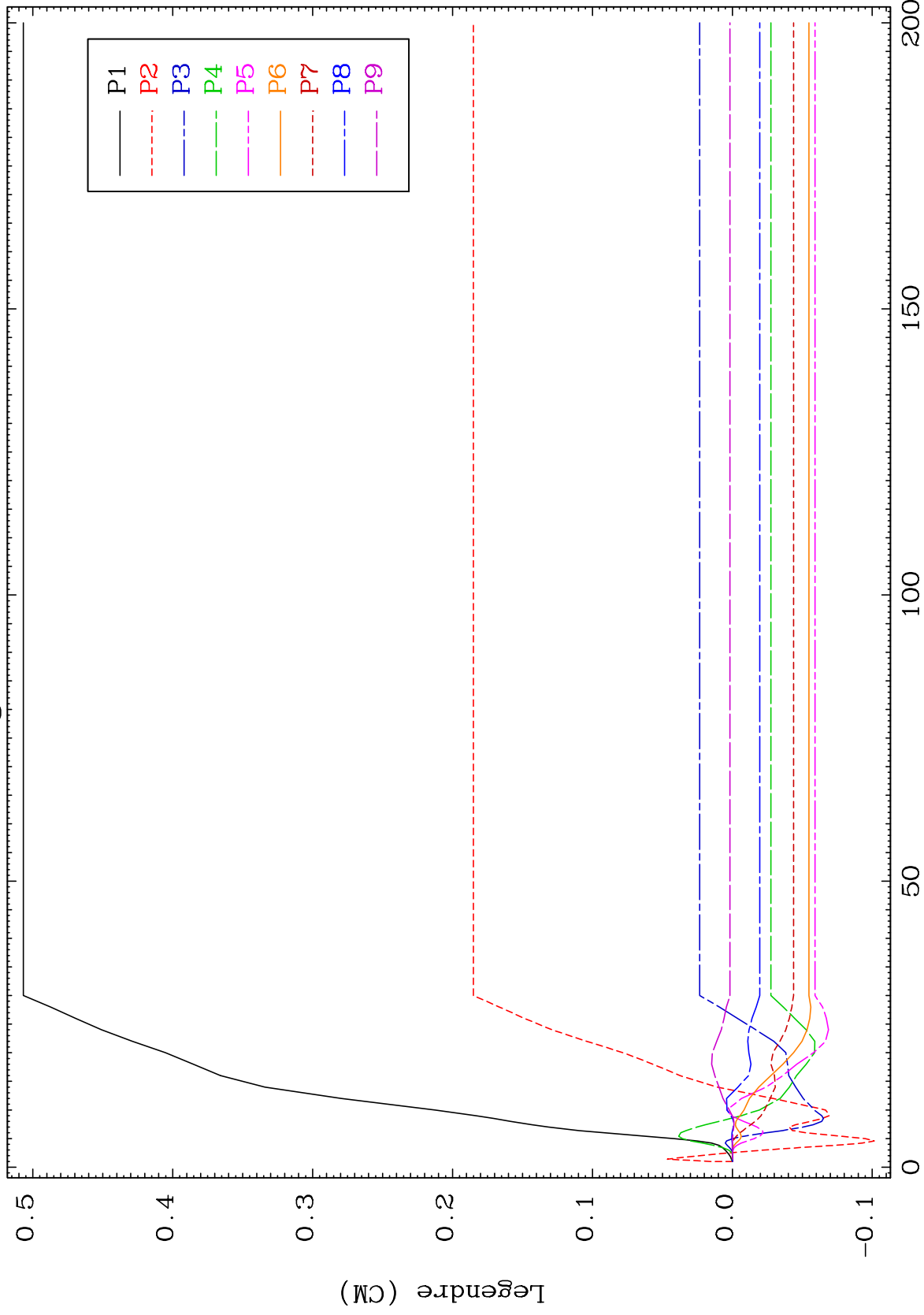
72-Hf-181



MAT 7246

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

72-Hf-181



86

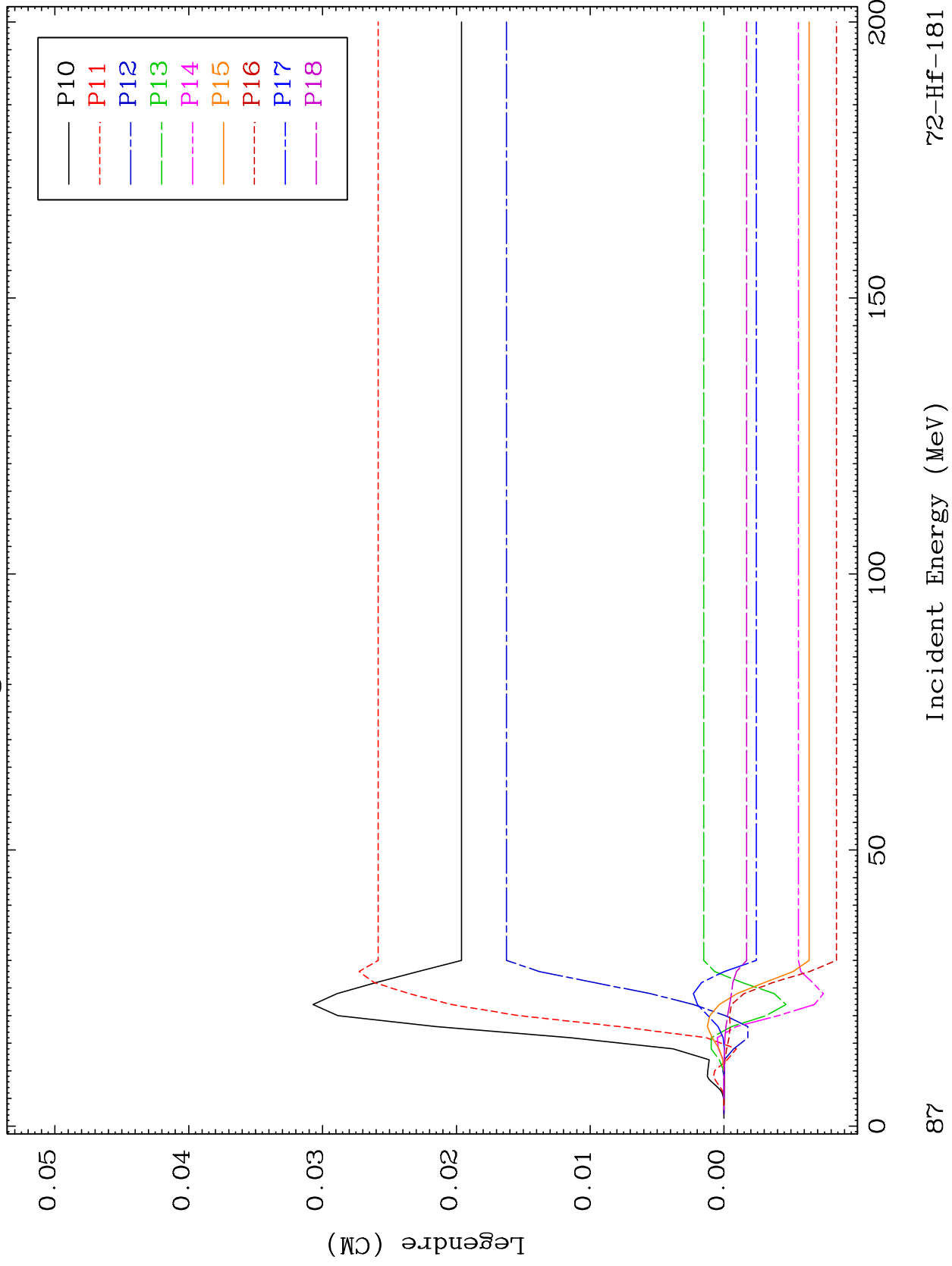
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



72-Hf-181

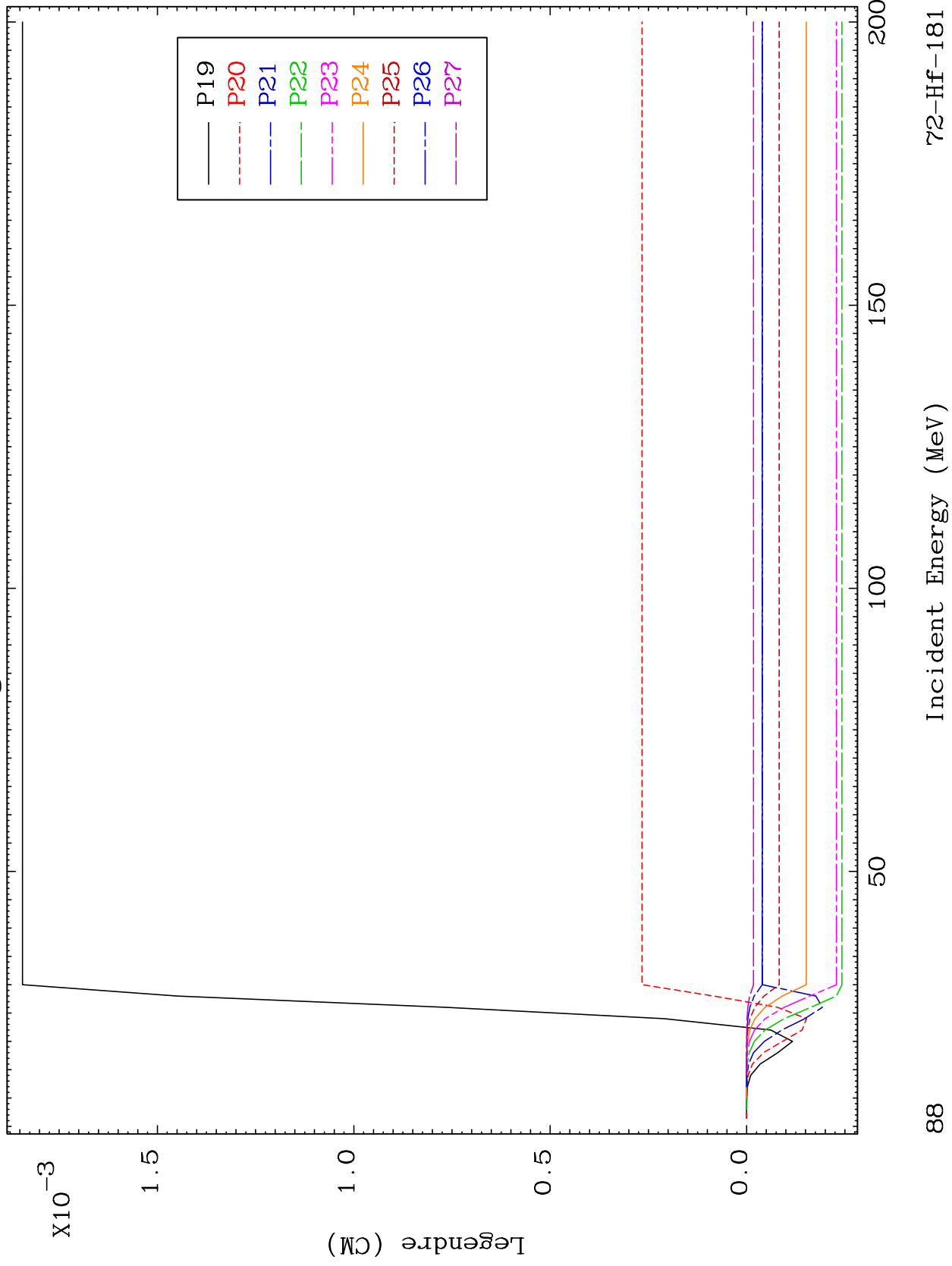
Incident Energy (MeV)

87

MAT 7246

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

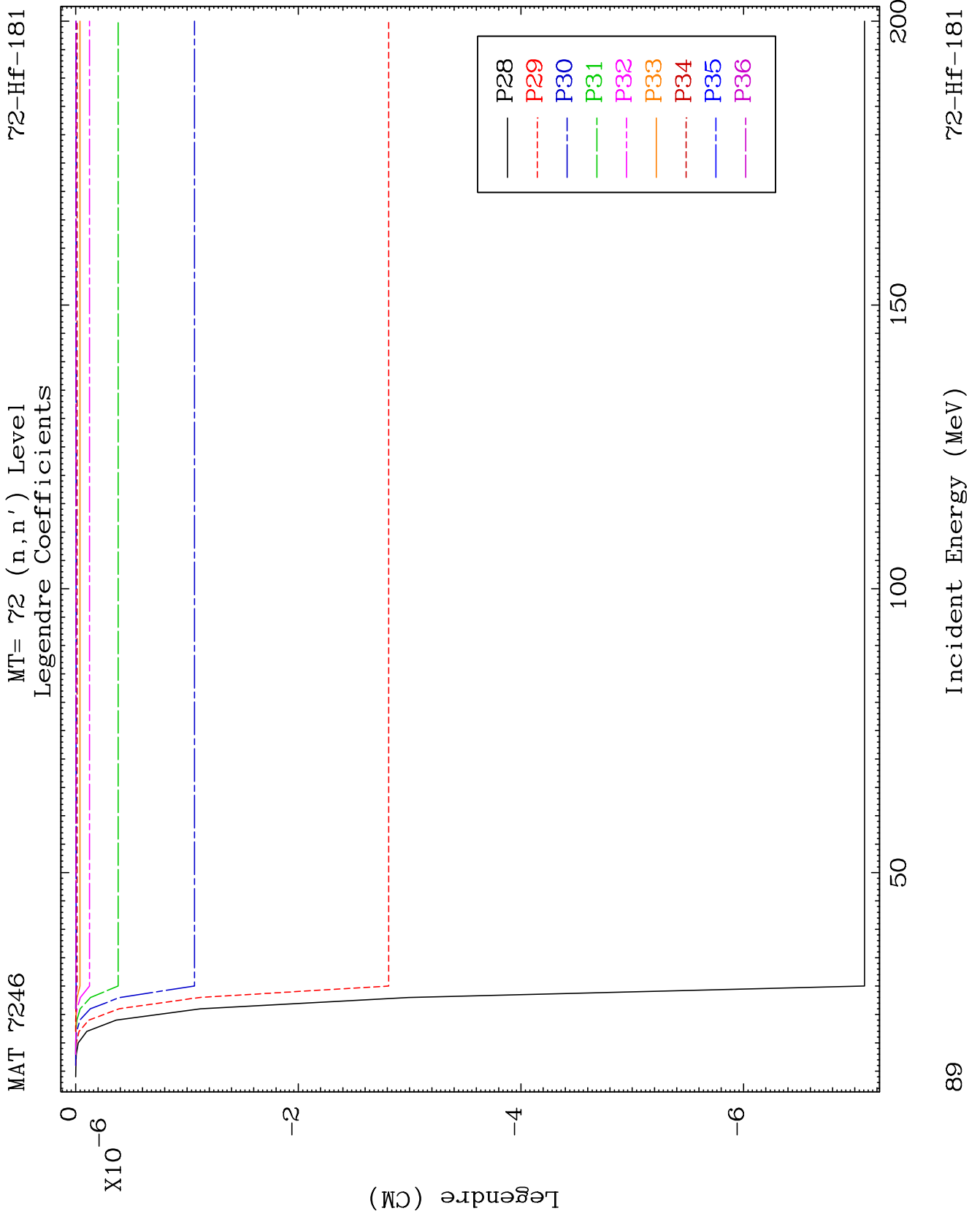
72-Hf-181



88

Incident Energy (MeV)

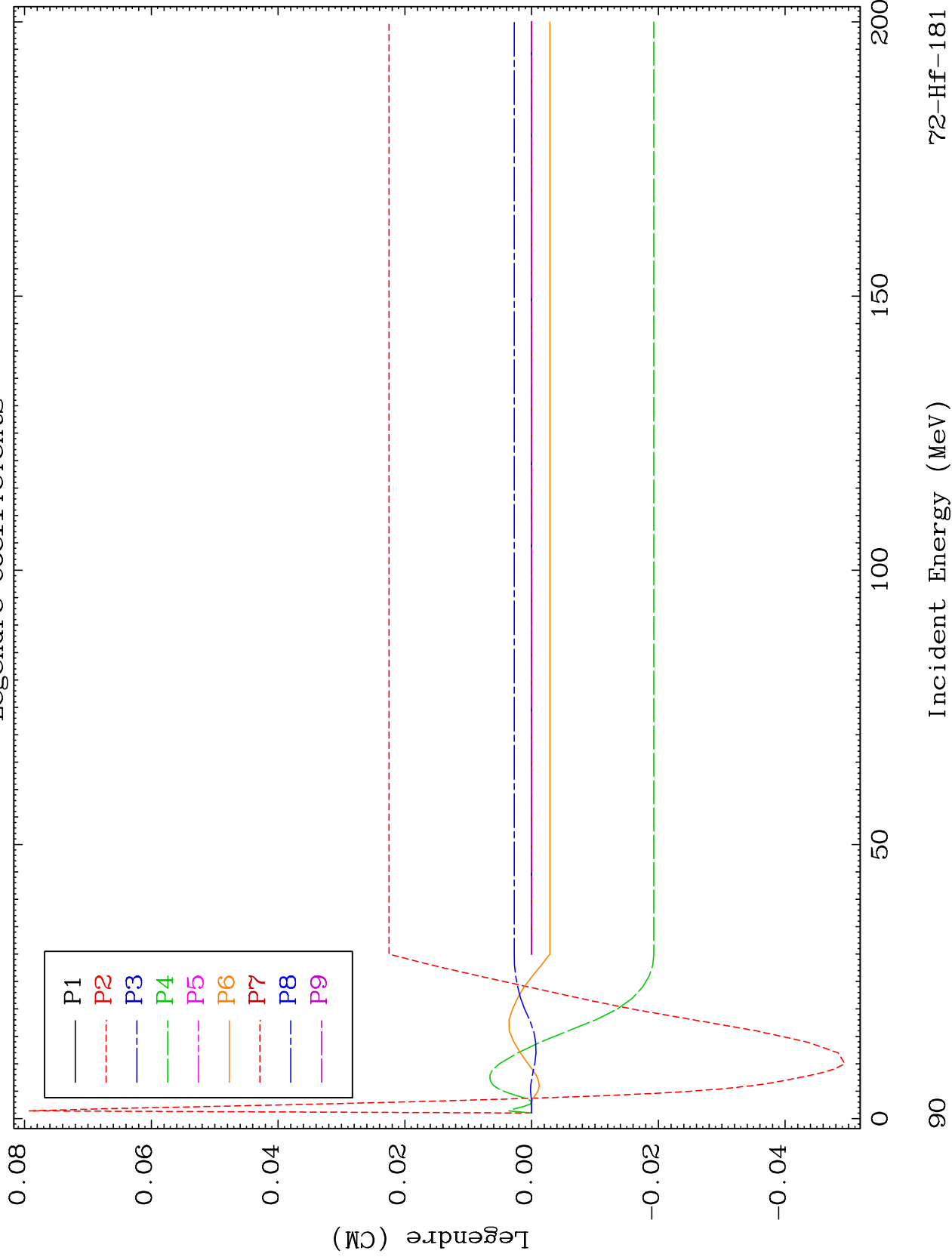
72-Hf-181



MAT 7246

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

72-Hf-181



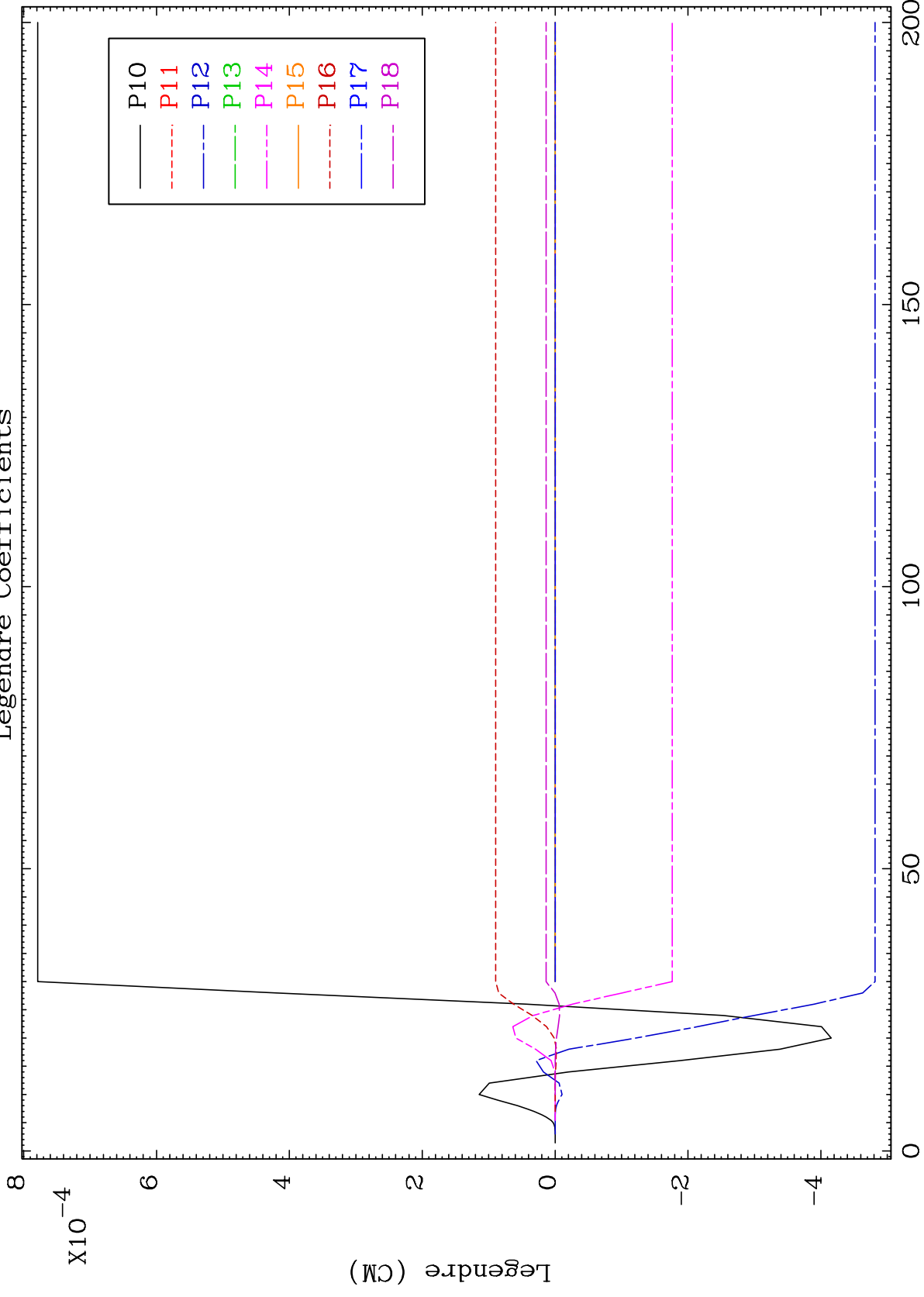
72-Hf-181

Incident Energy (MeV)

MAT 7246

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

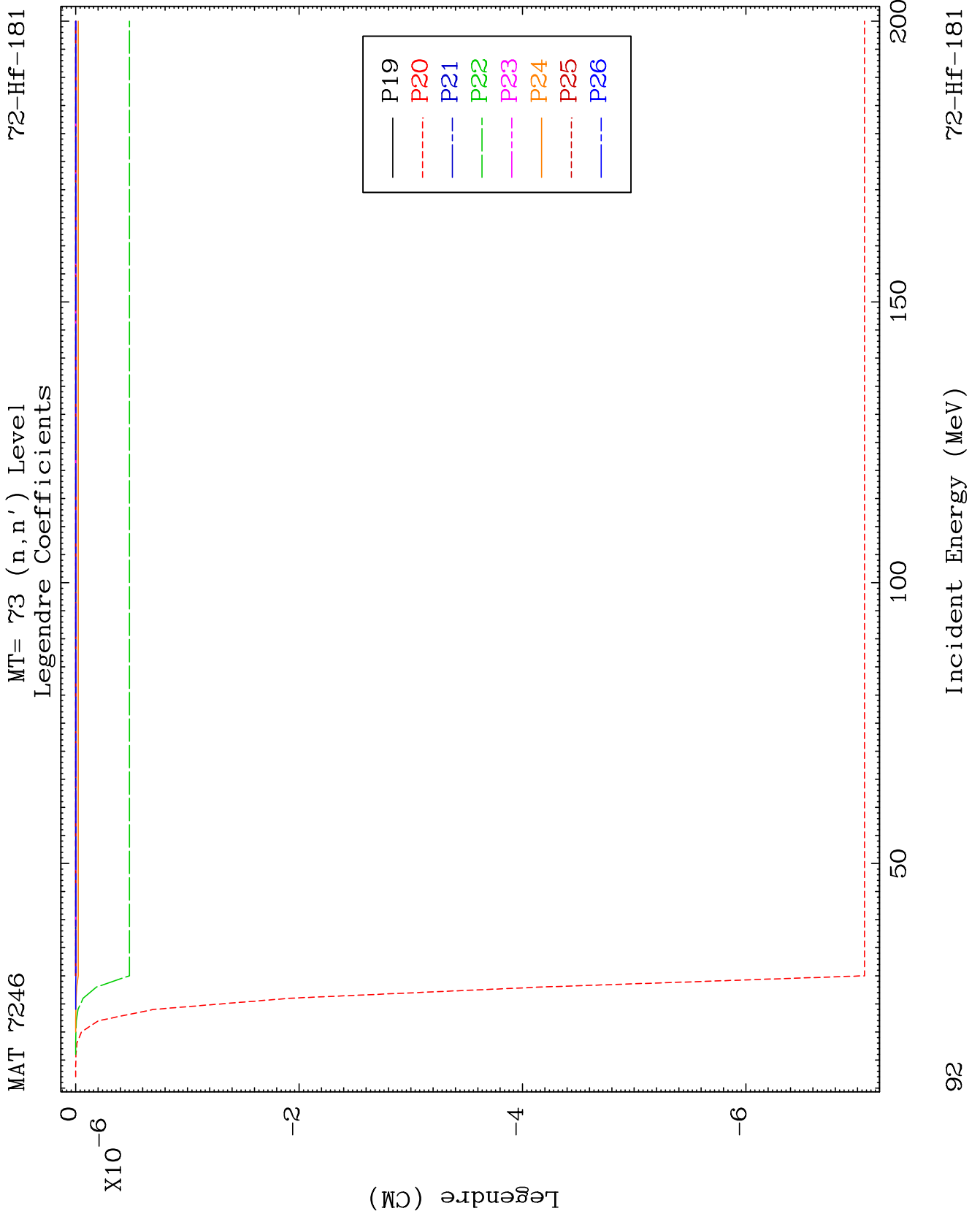
72-Hf-181



91

Incident Energy (MeV)

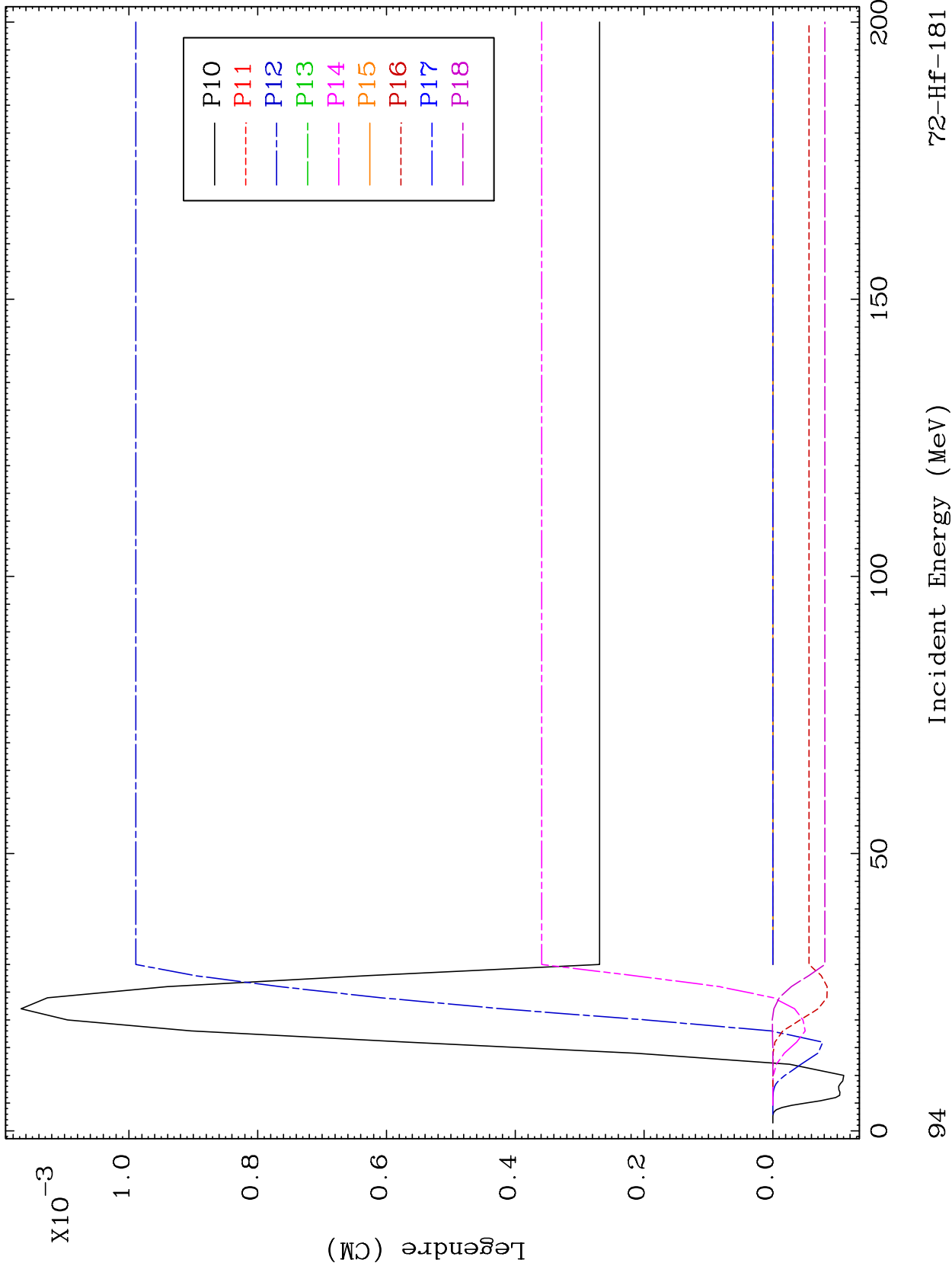
72-Hf-181



MAT 7246

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

72-Hf-181



94

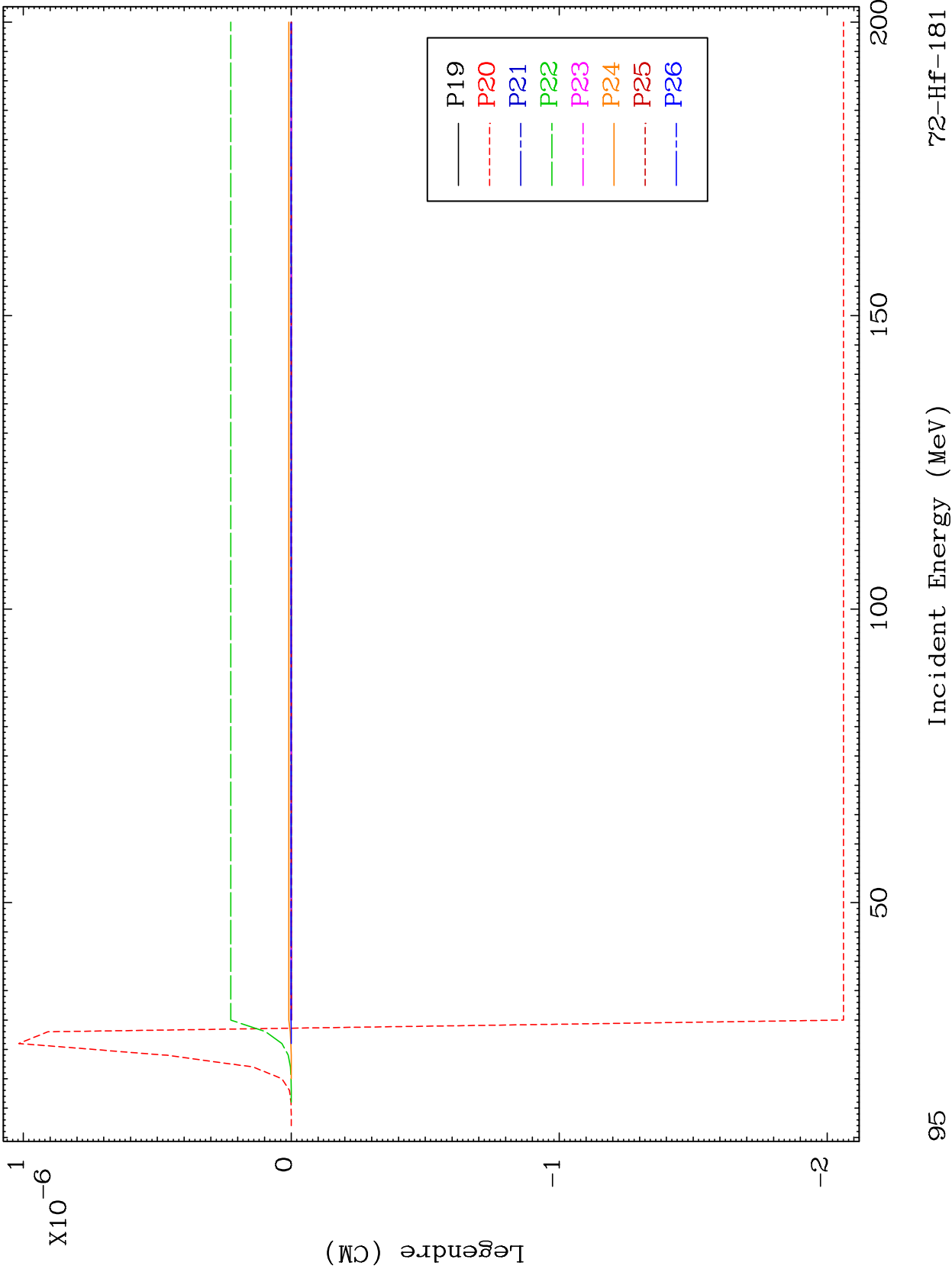
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



95

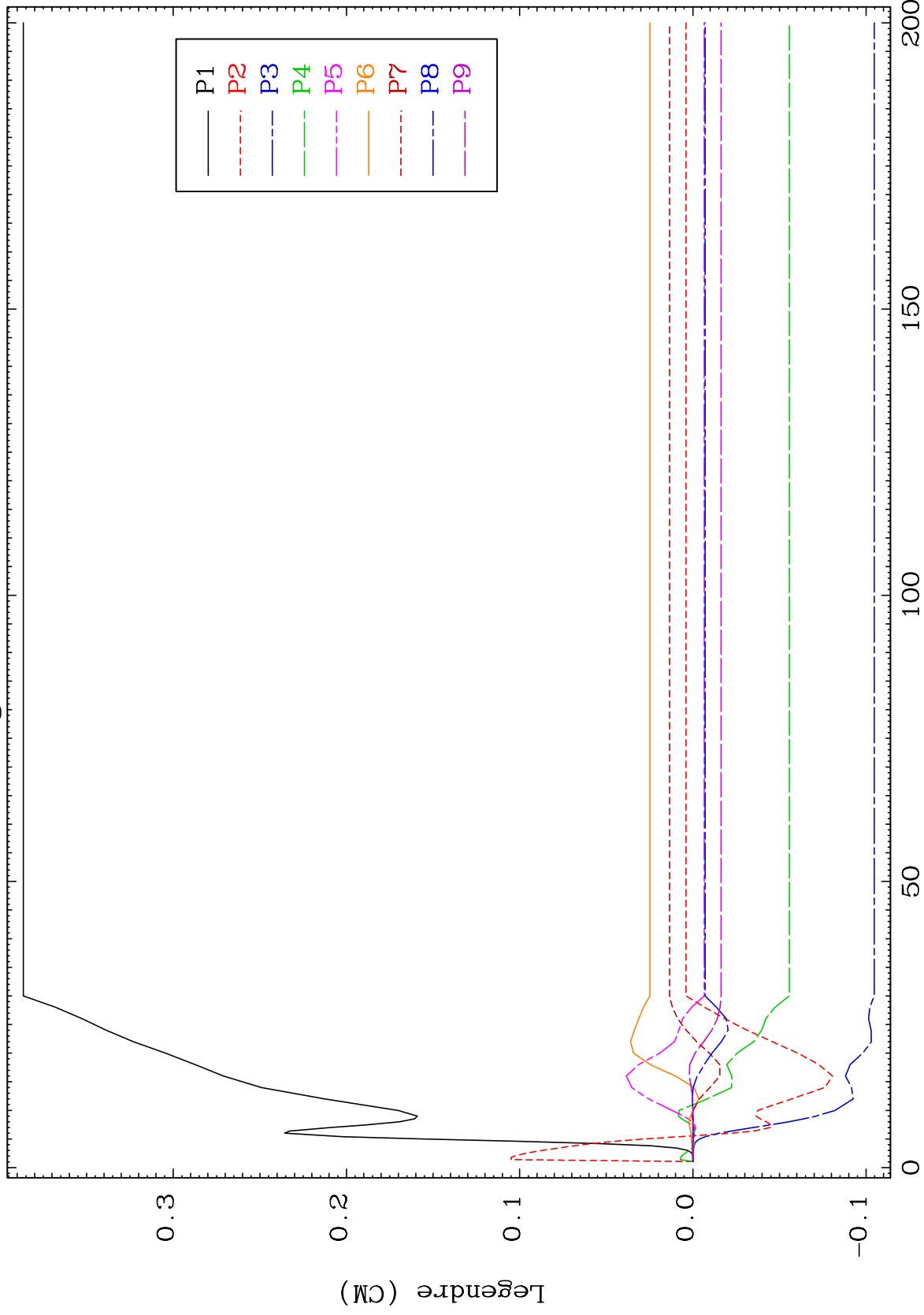
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



96

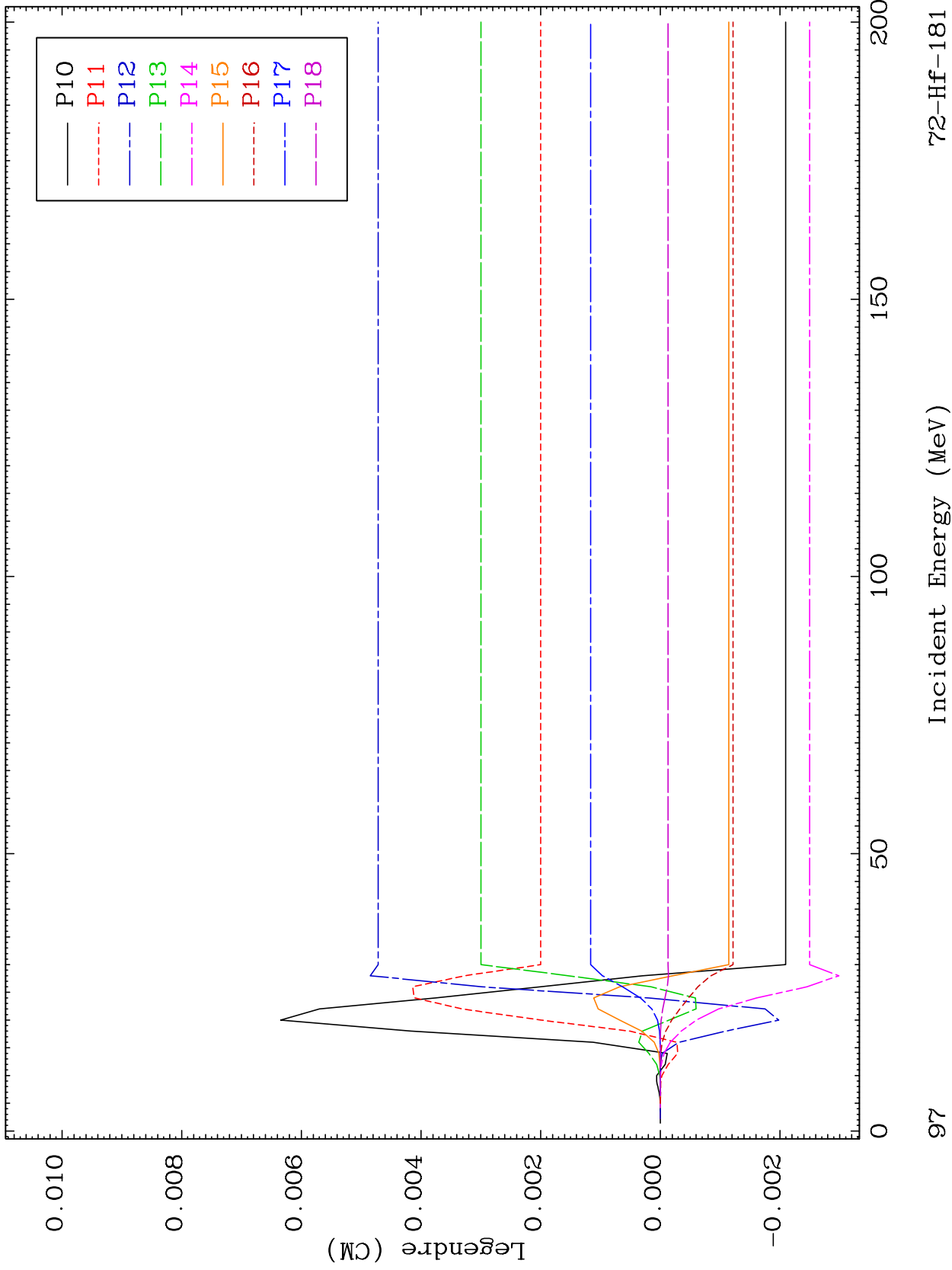
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



72-Hf-181

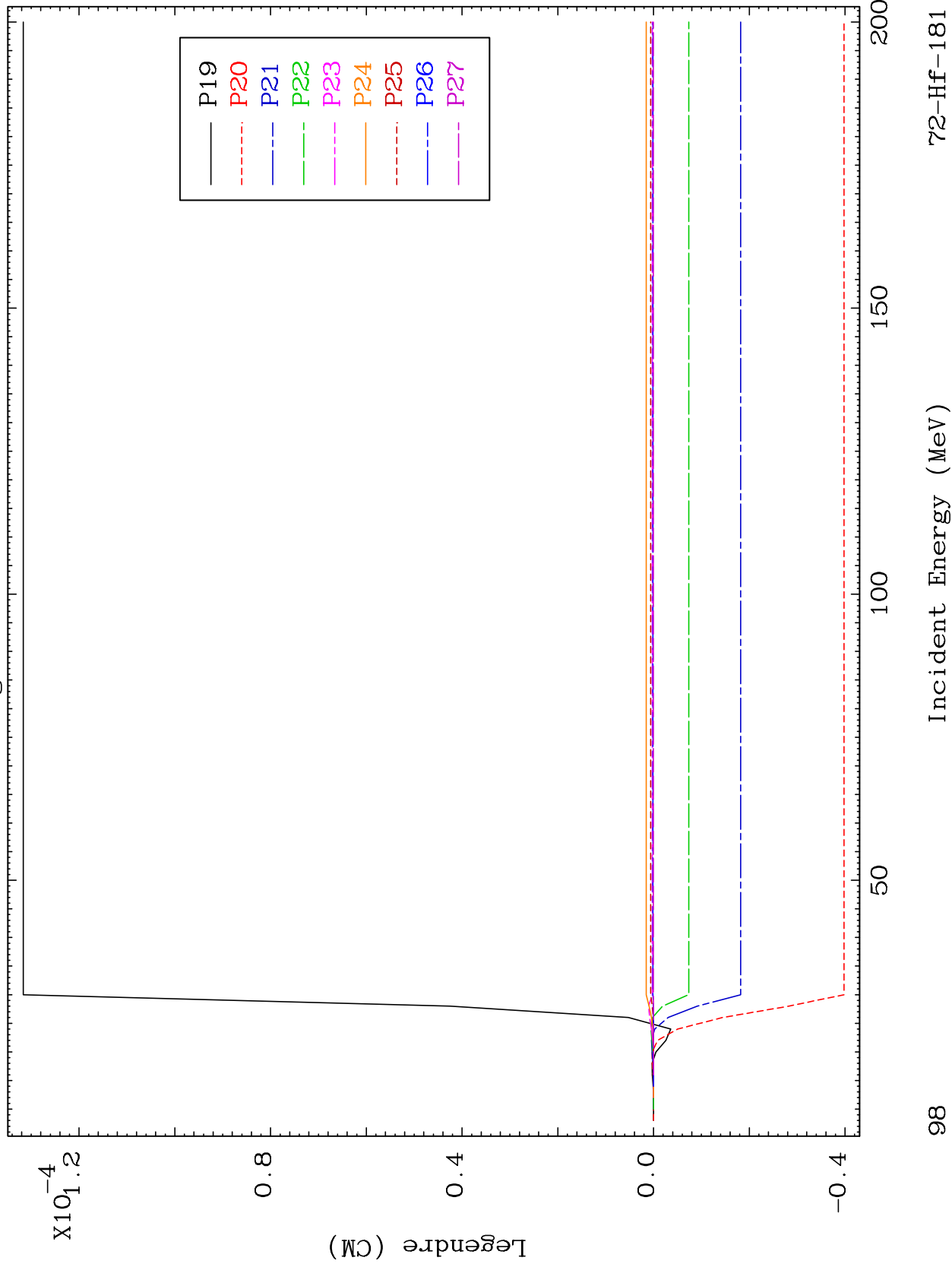
Incident Energy (MeV)

97

MAT 7246

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

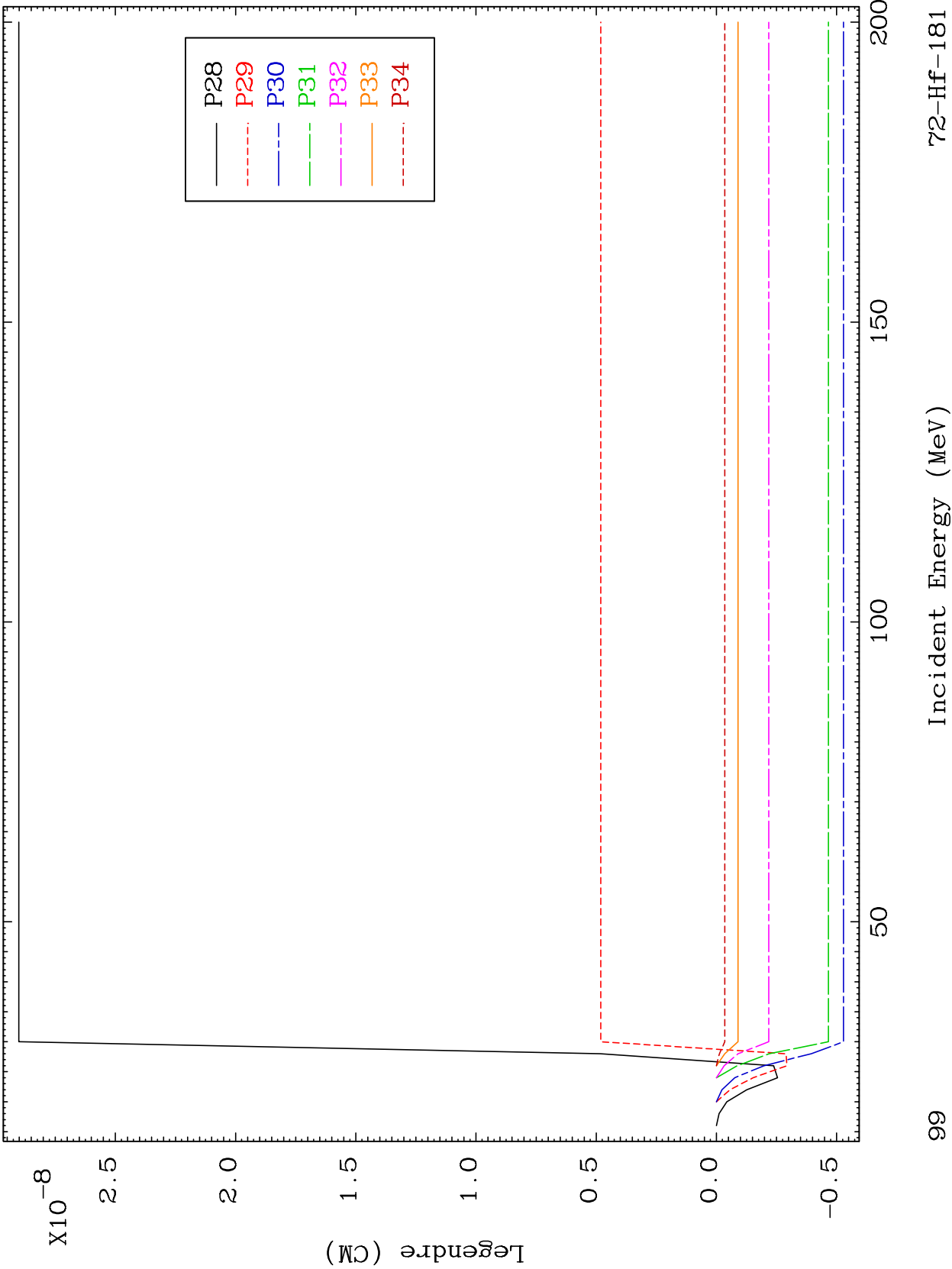
72-Hf-181

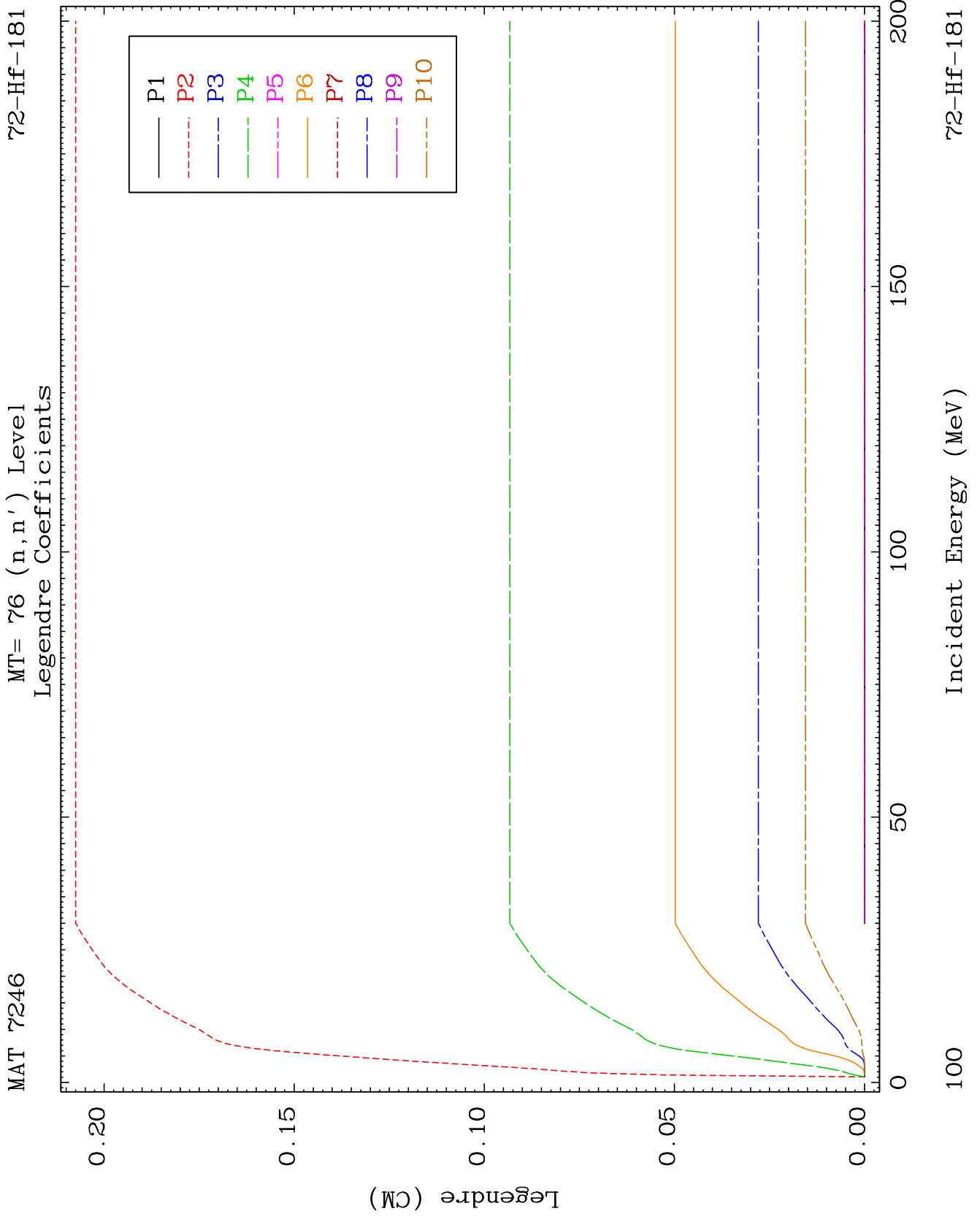


MAT 7246

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

72-Hf-181

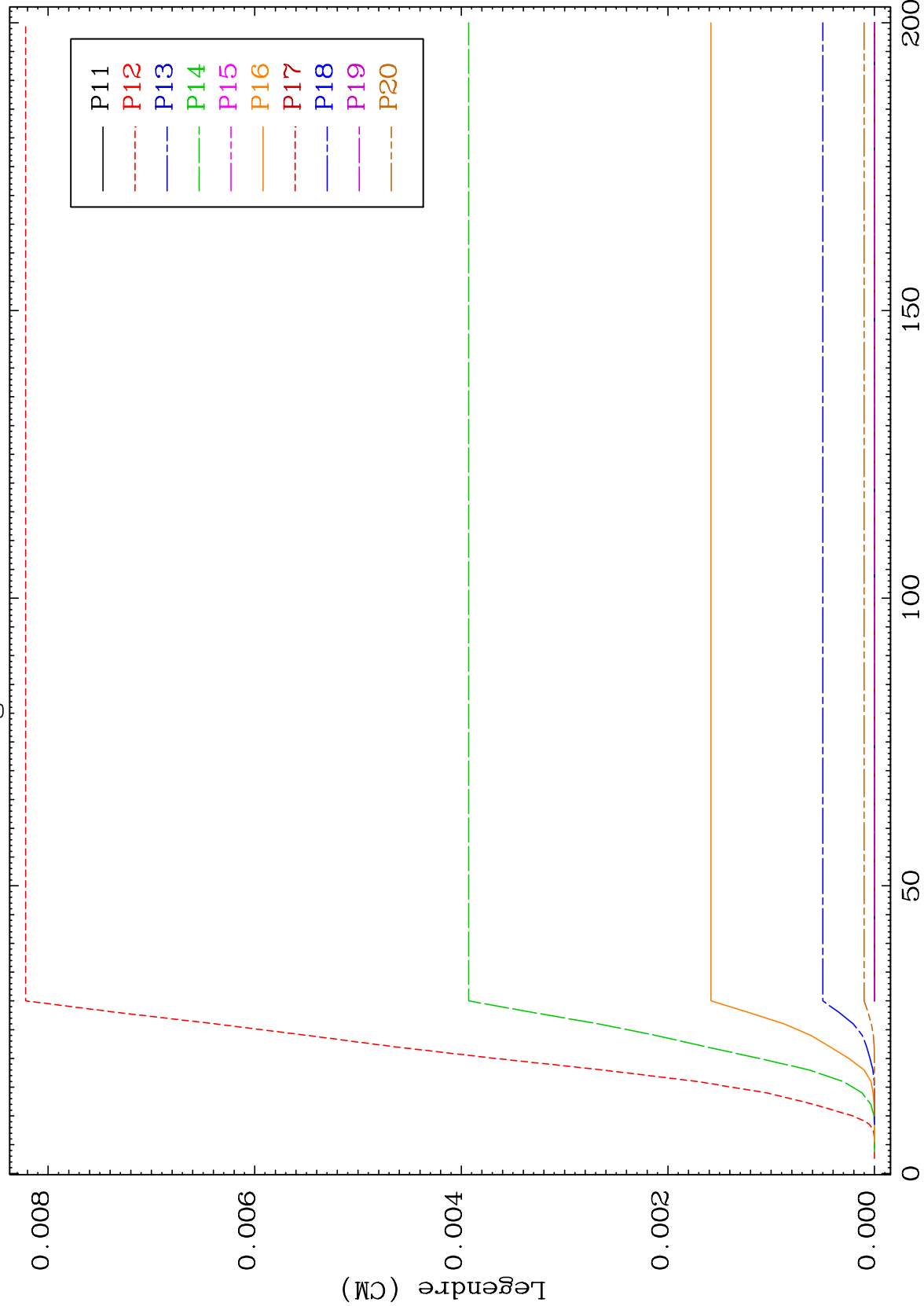




MAT 7246

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

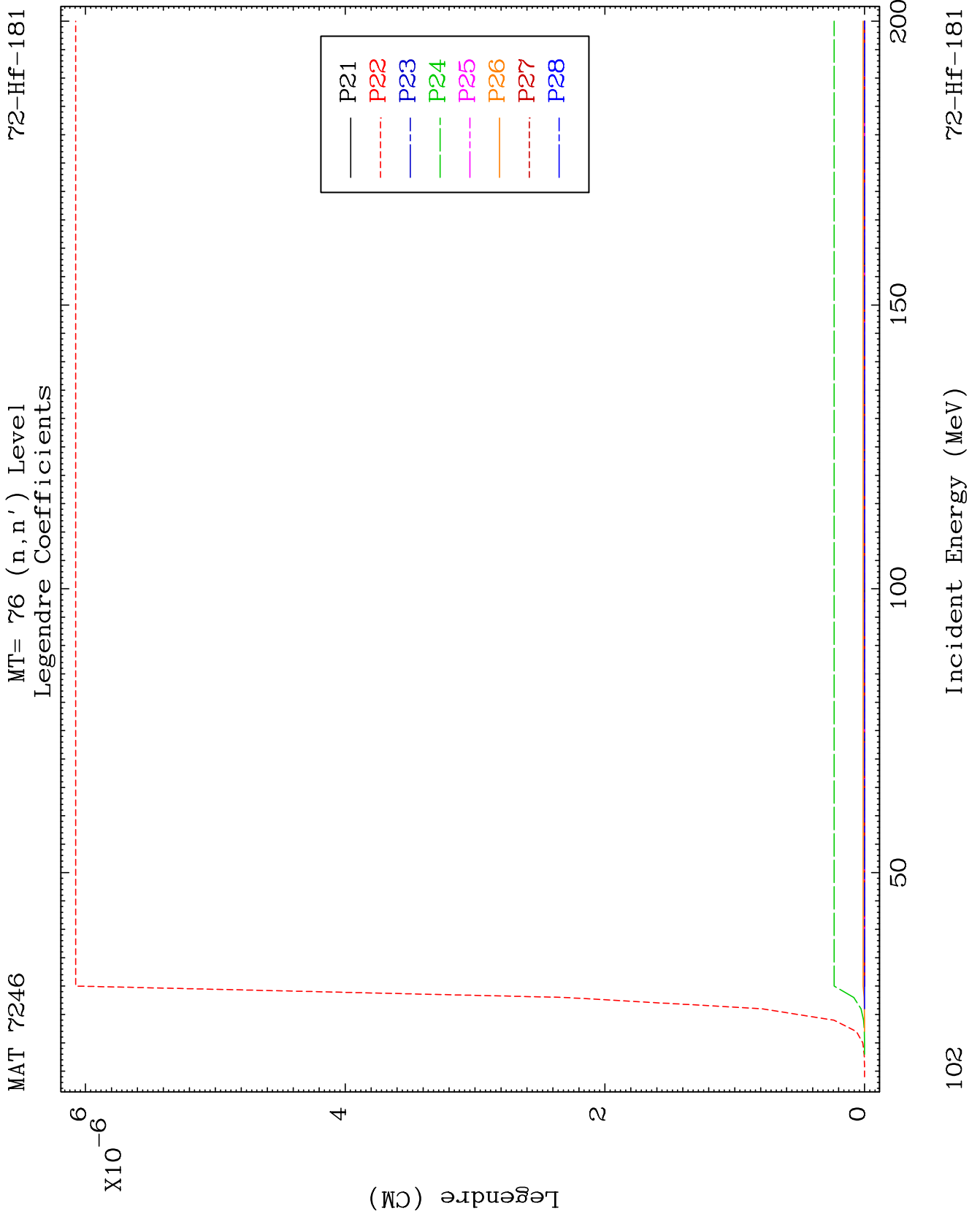
72-Hf-181

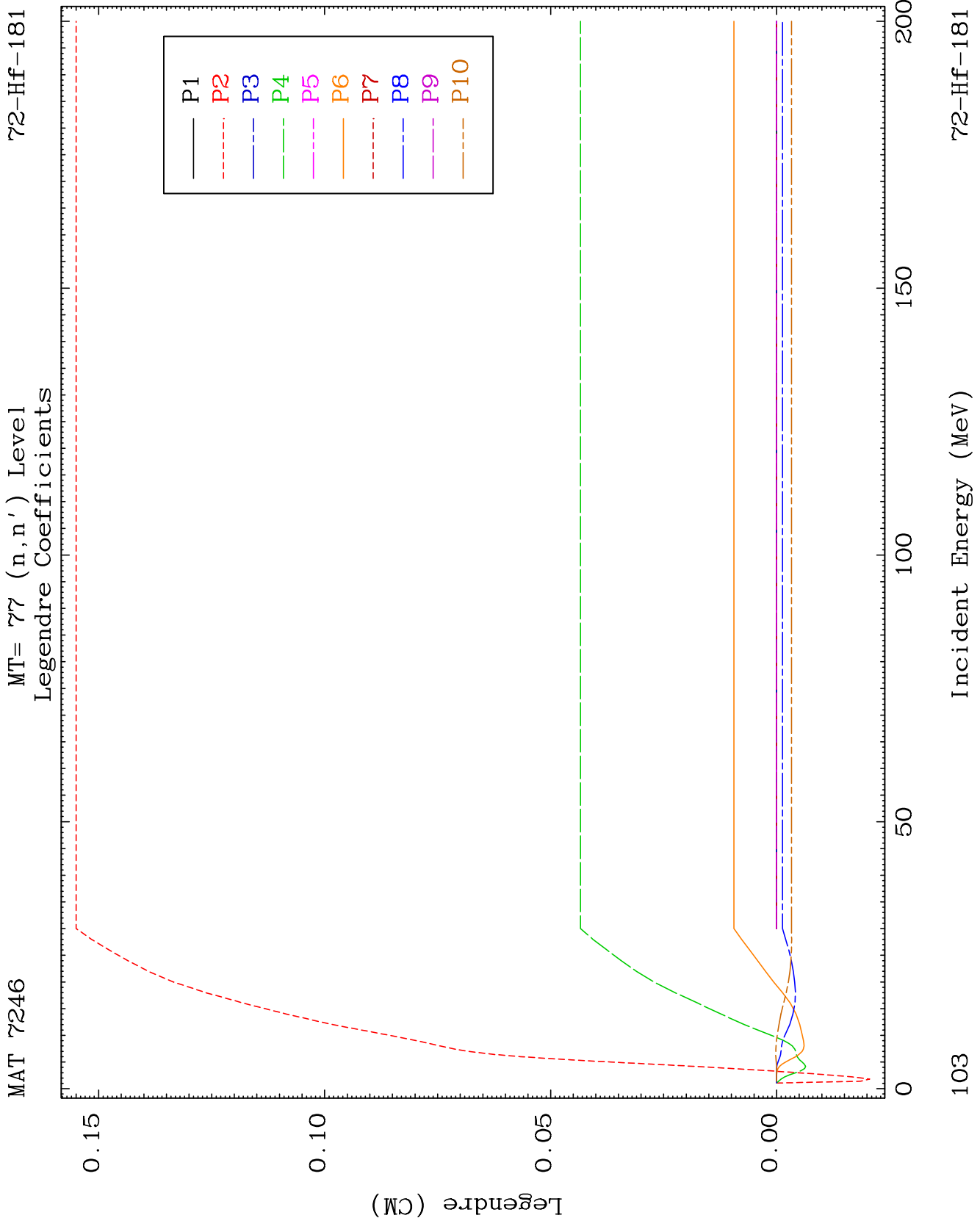


101

Incident Energy (MeV)

72-Hf-181

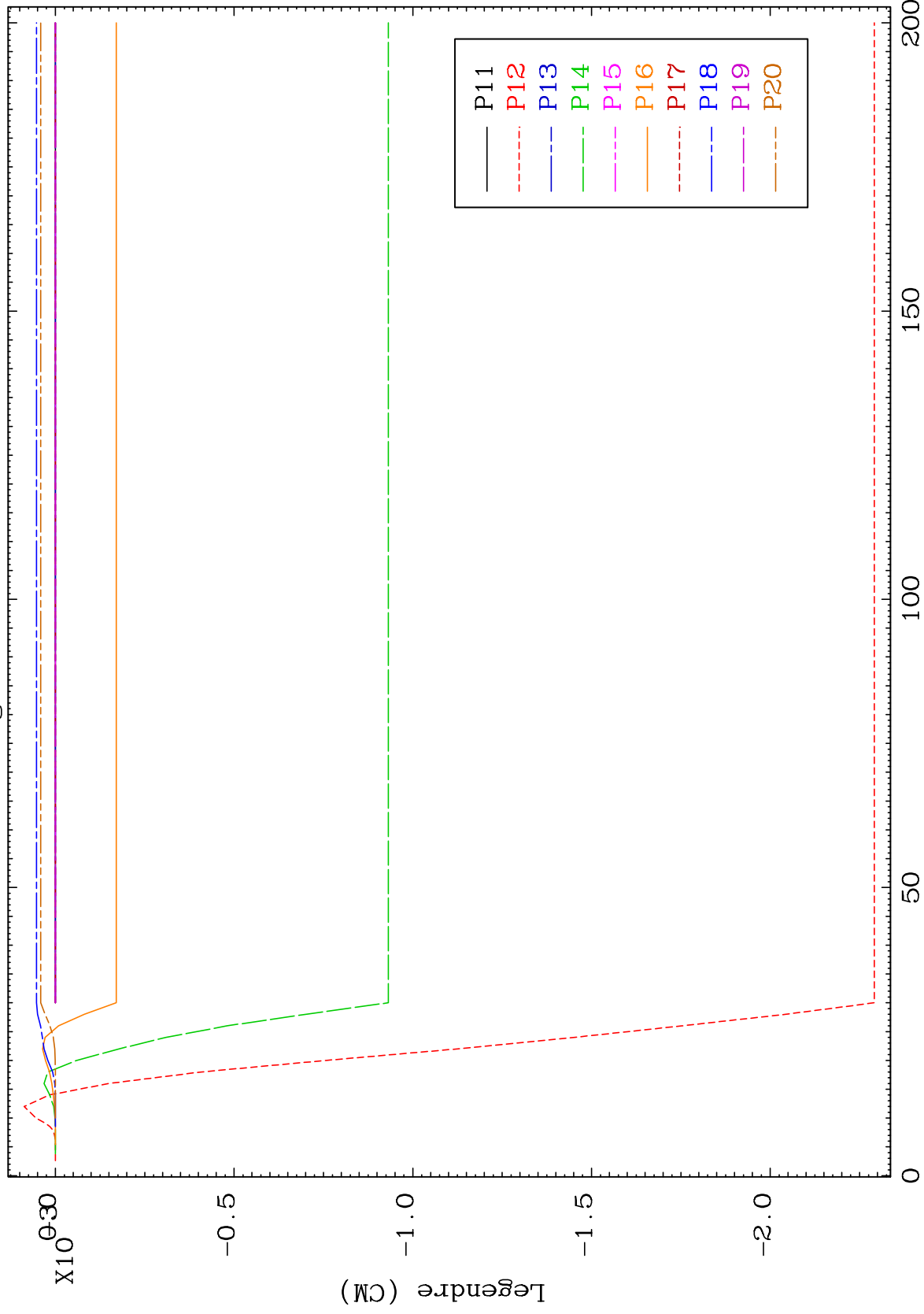




MAT 7246

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

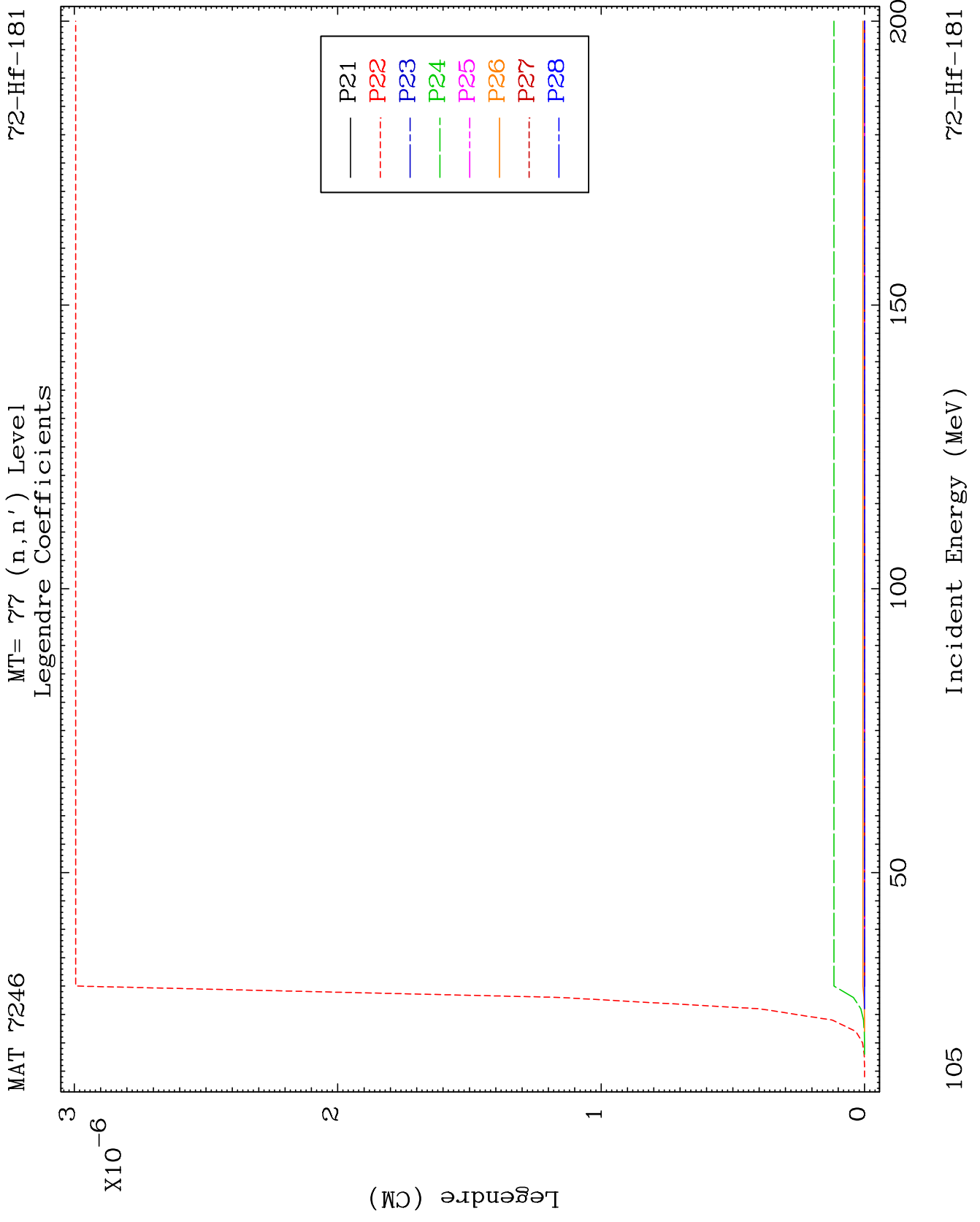
72-Hf-181

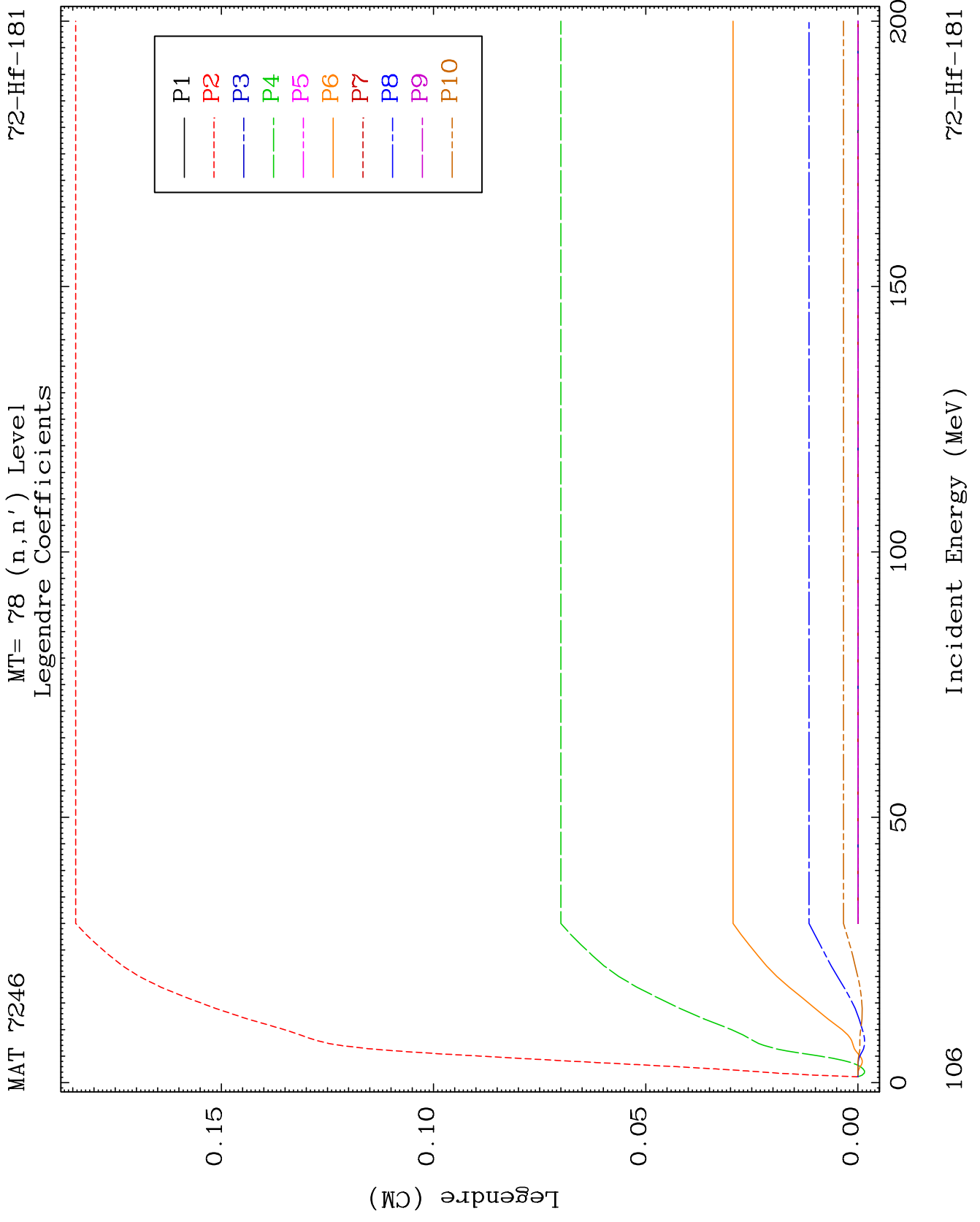


104

Incident Energy (MeV)

72-Hf-181

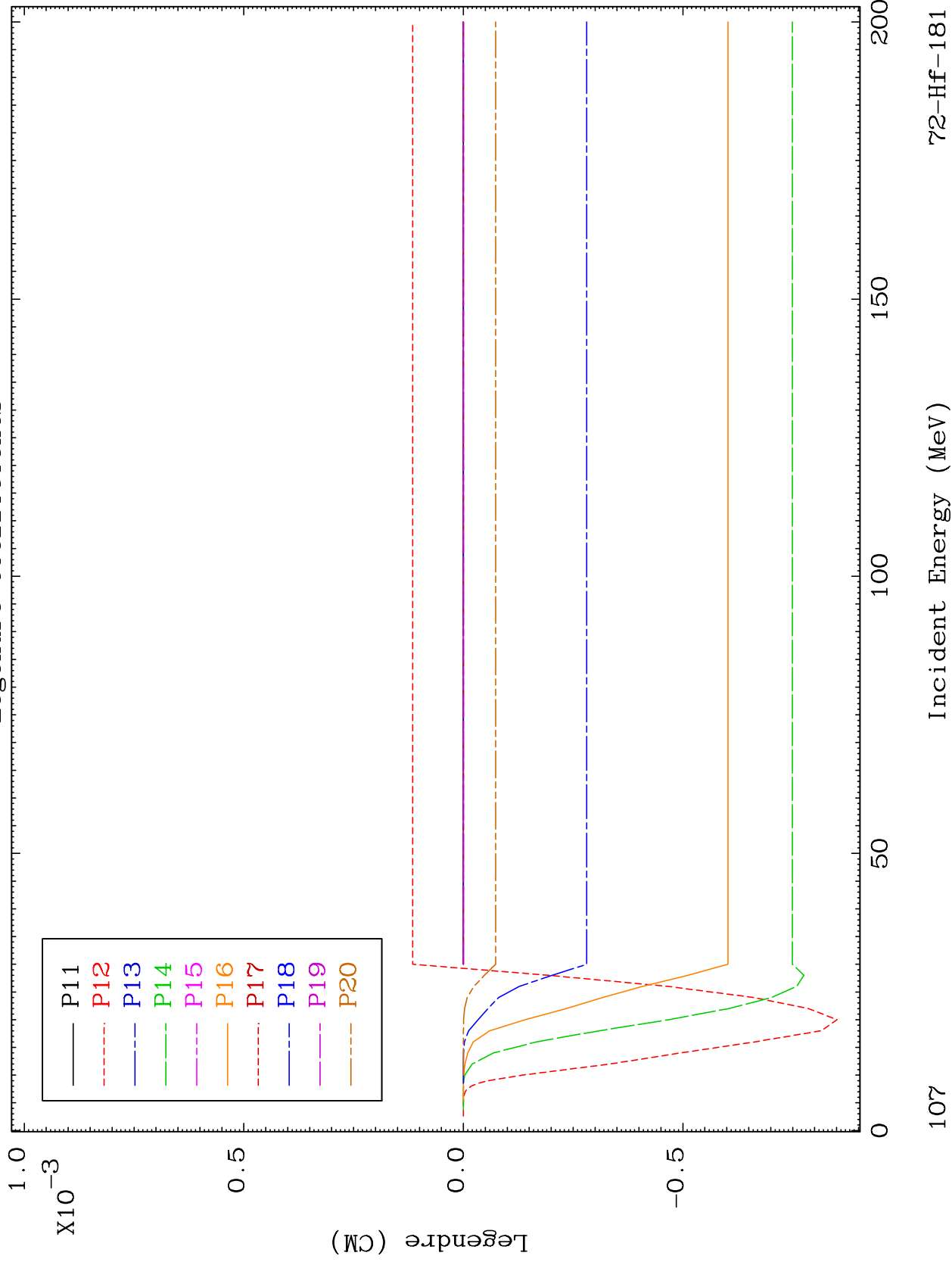




MAT 7246

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

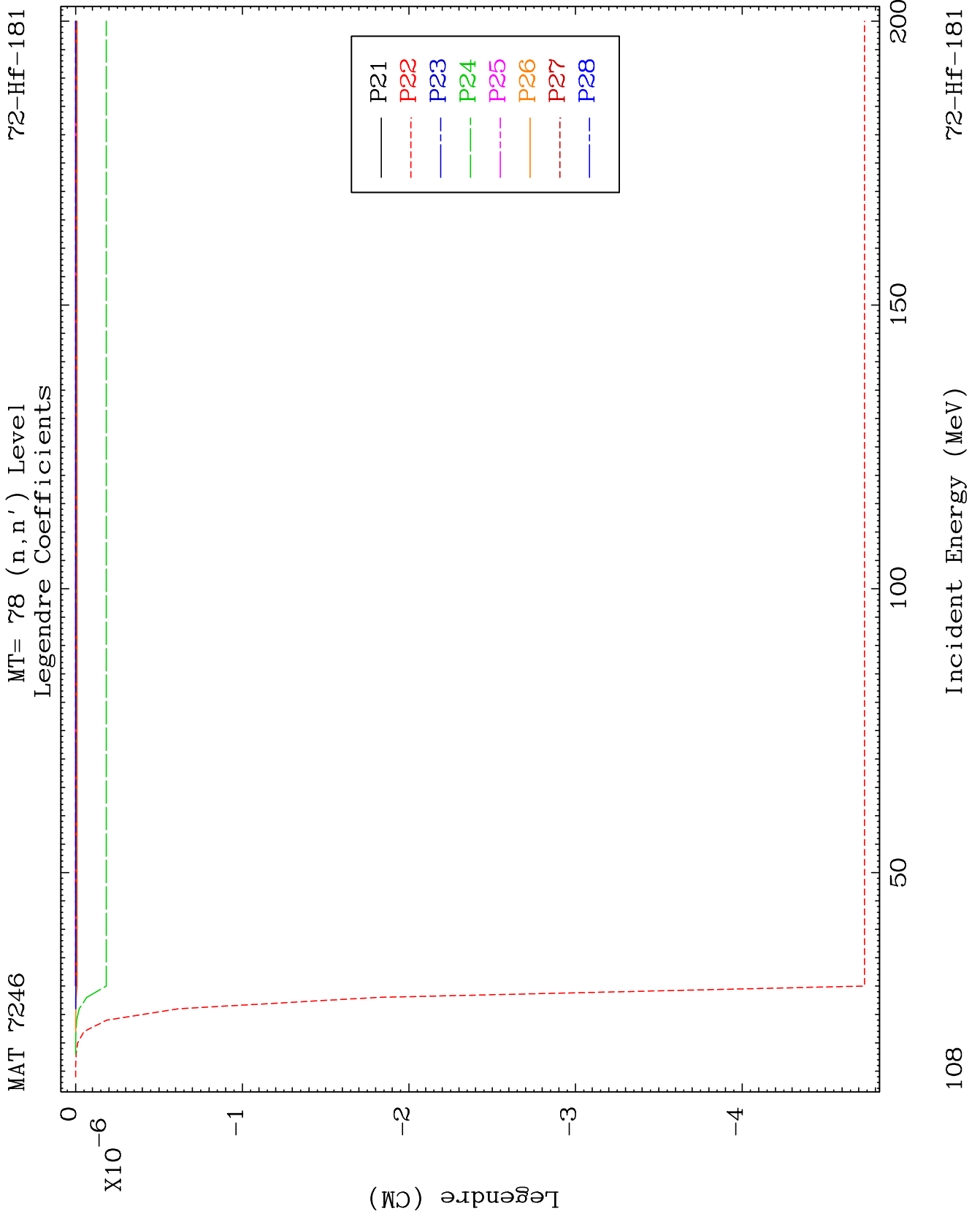
72-Hf-181

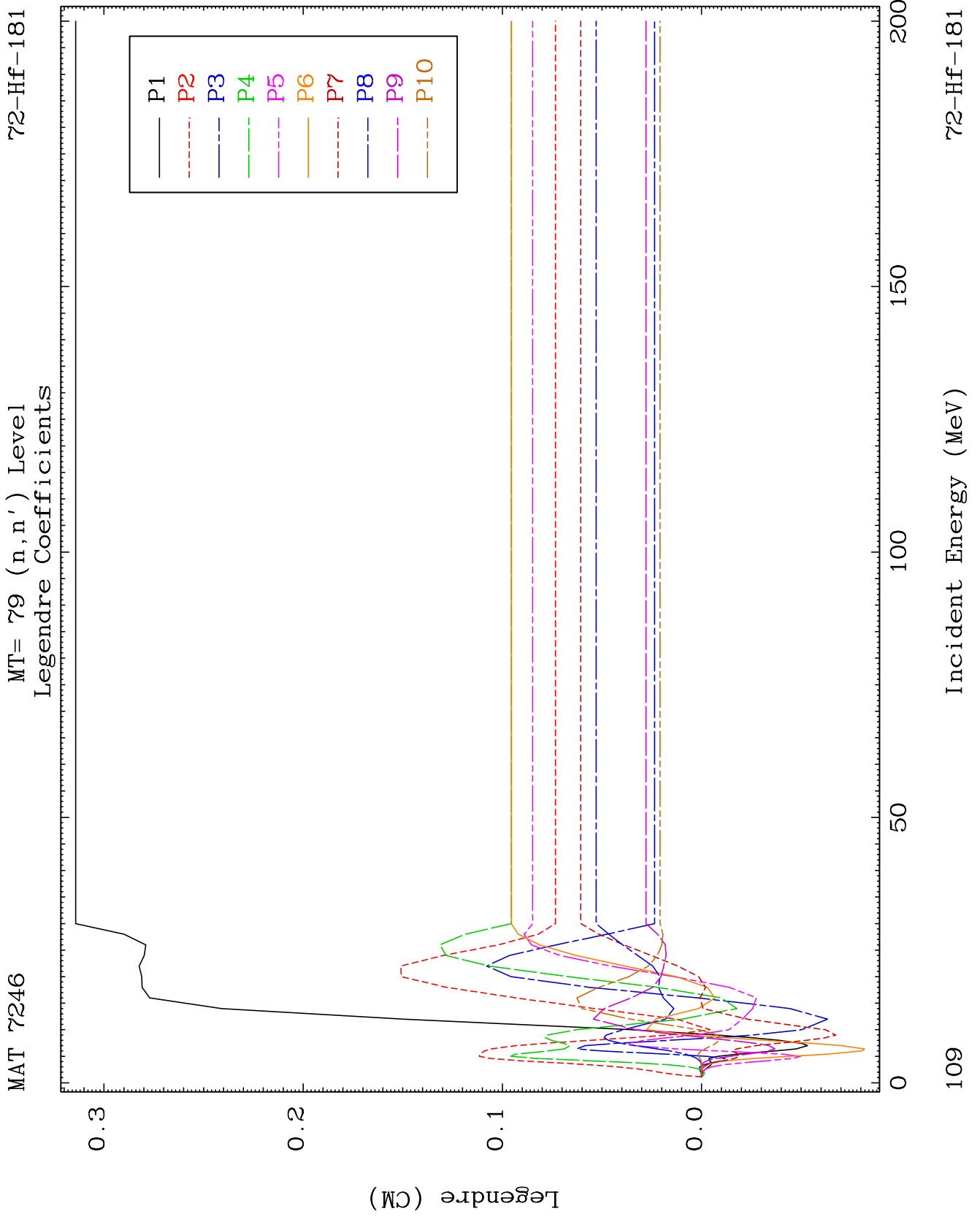


107

Incident Energy (MeV)

72-Hf-181

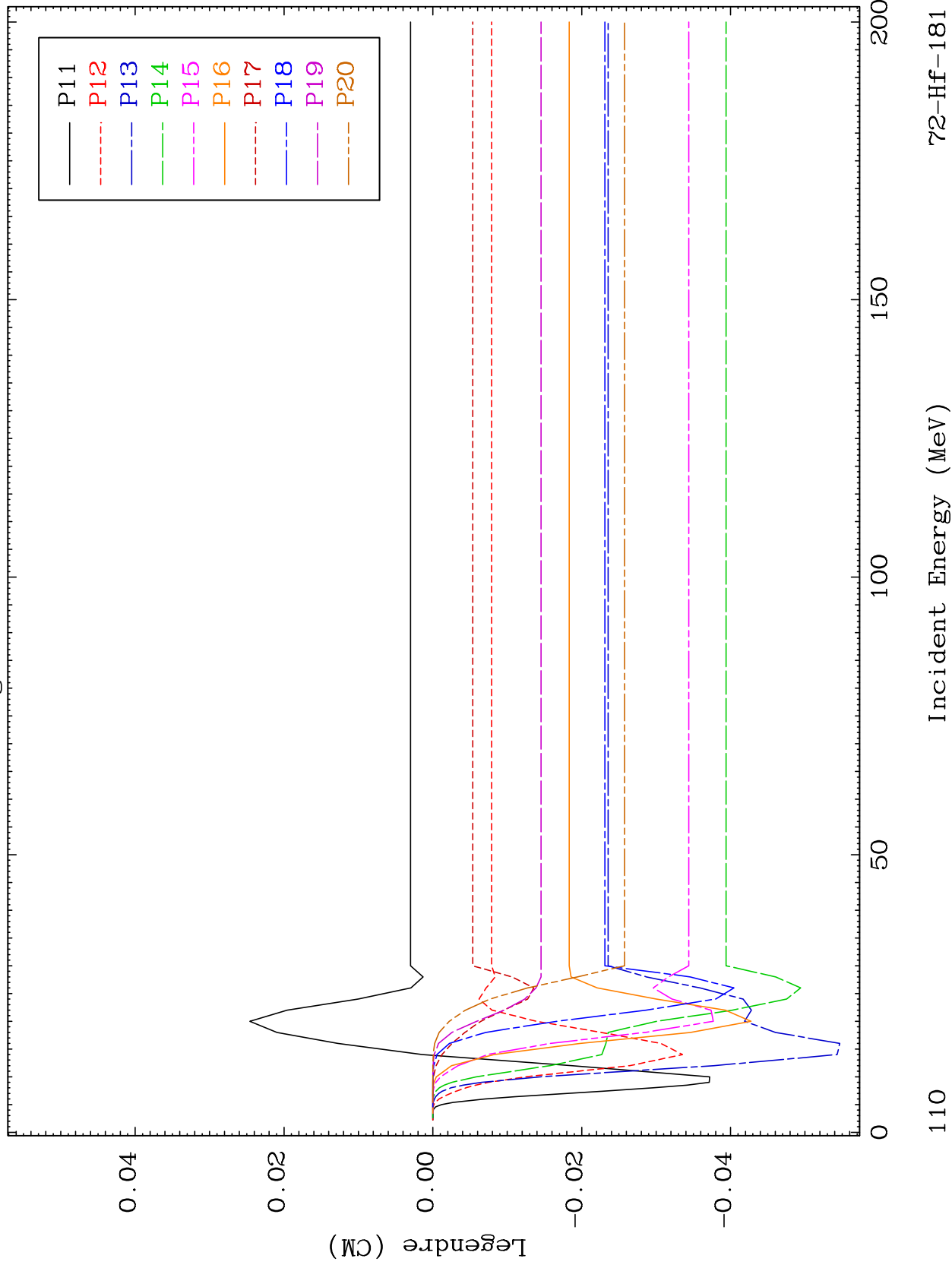




MAT 7246

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

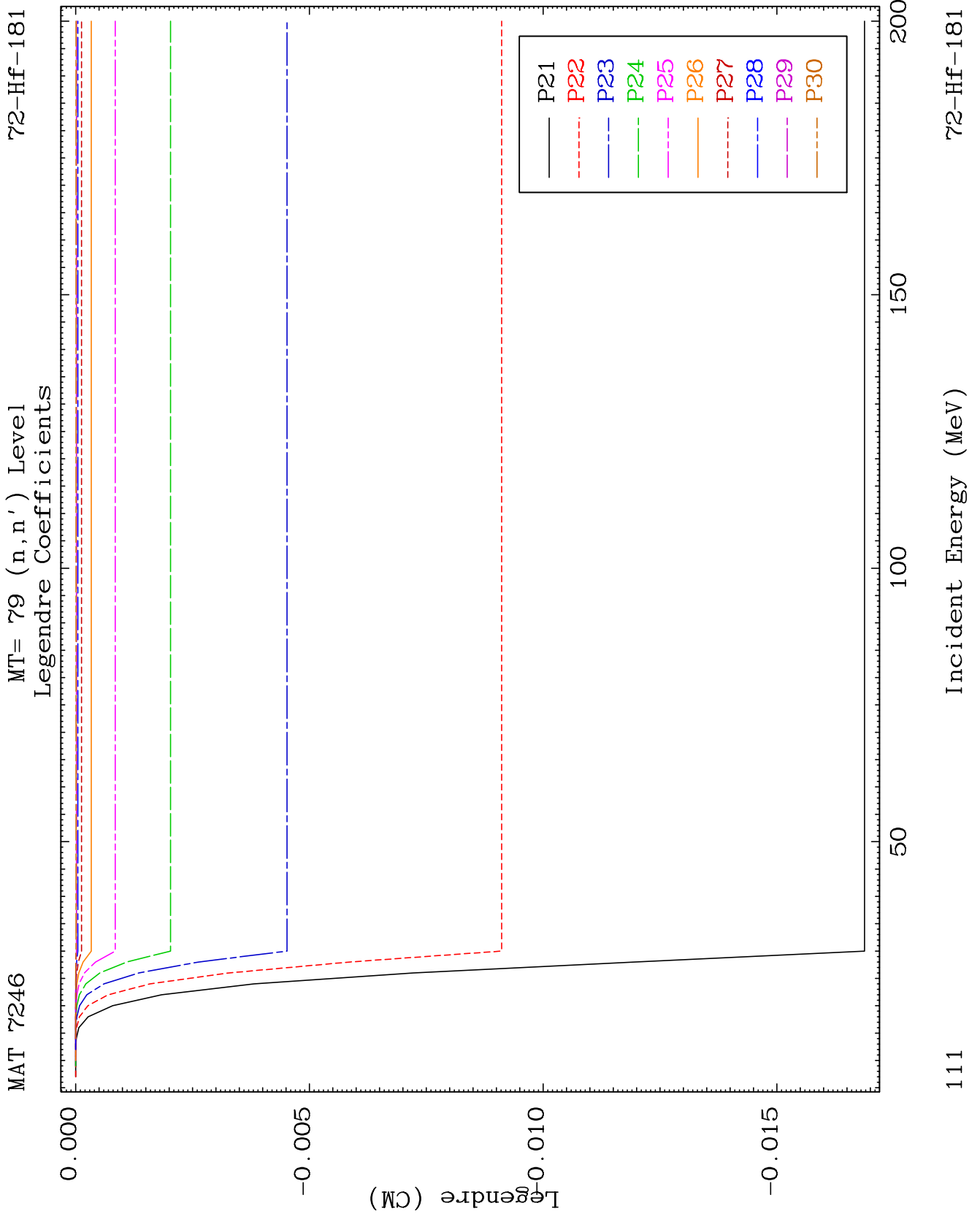
72-Hf-181

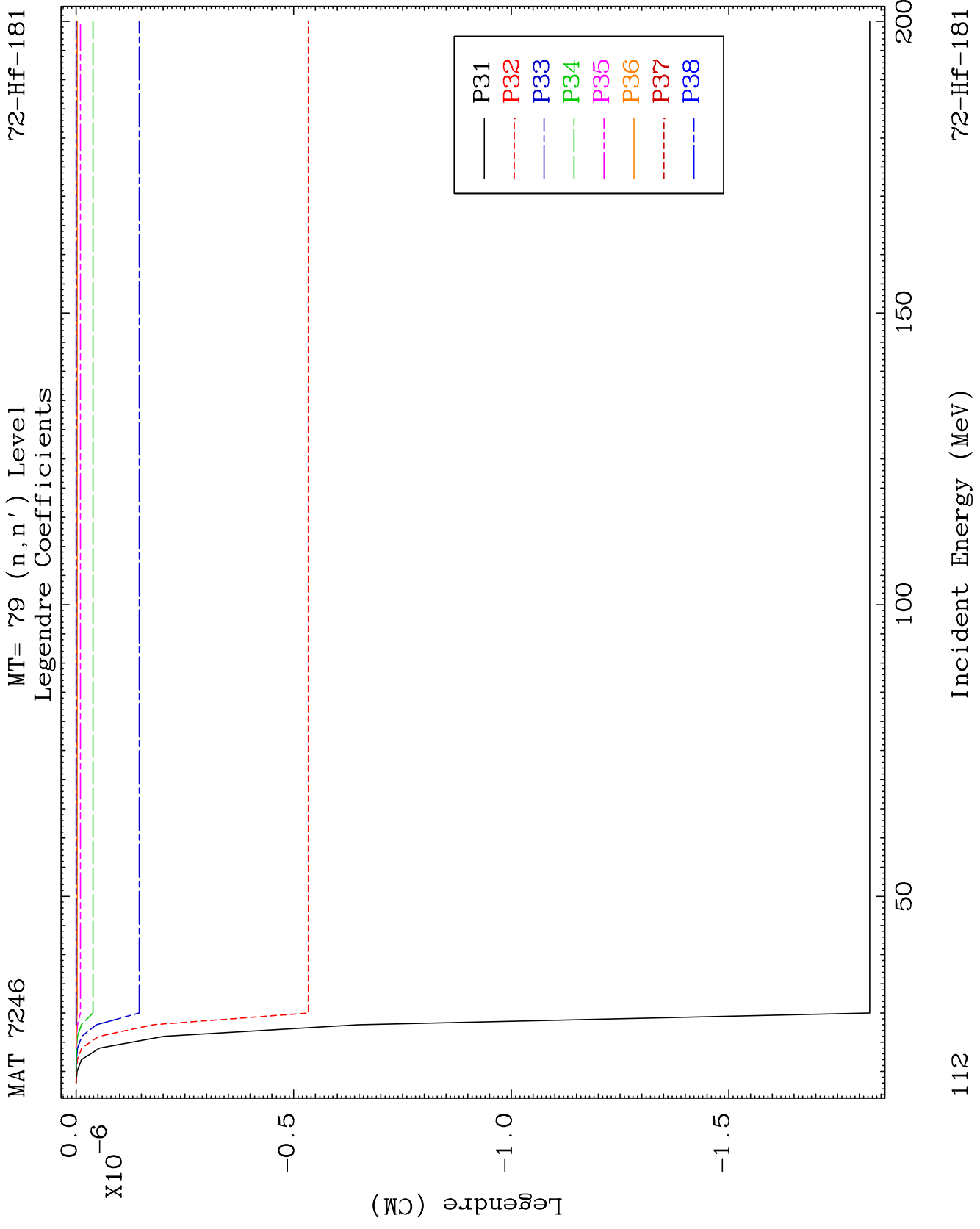


72-Hf-181

Incident Energy (MeV)

110



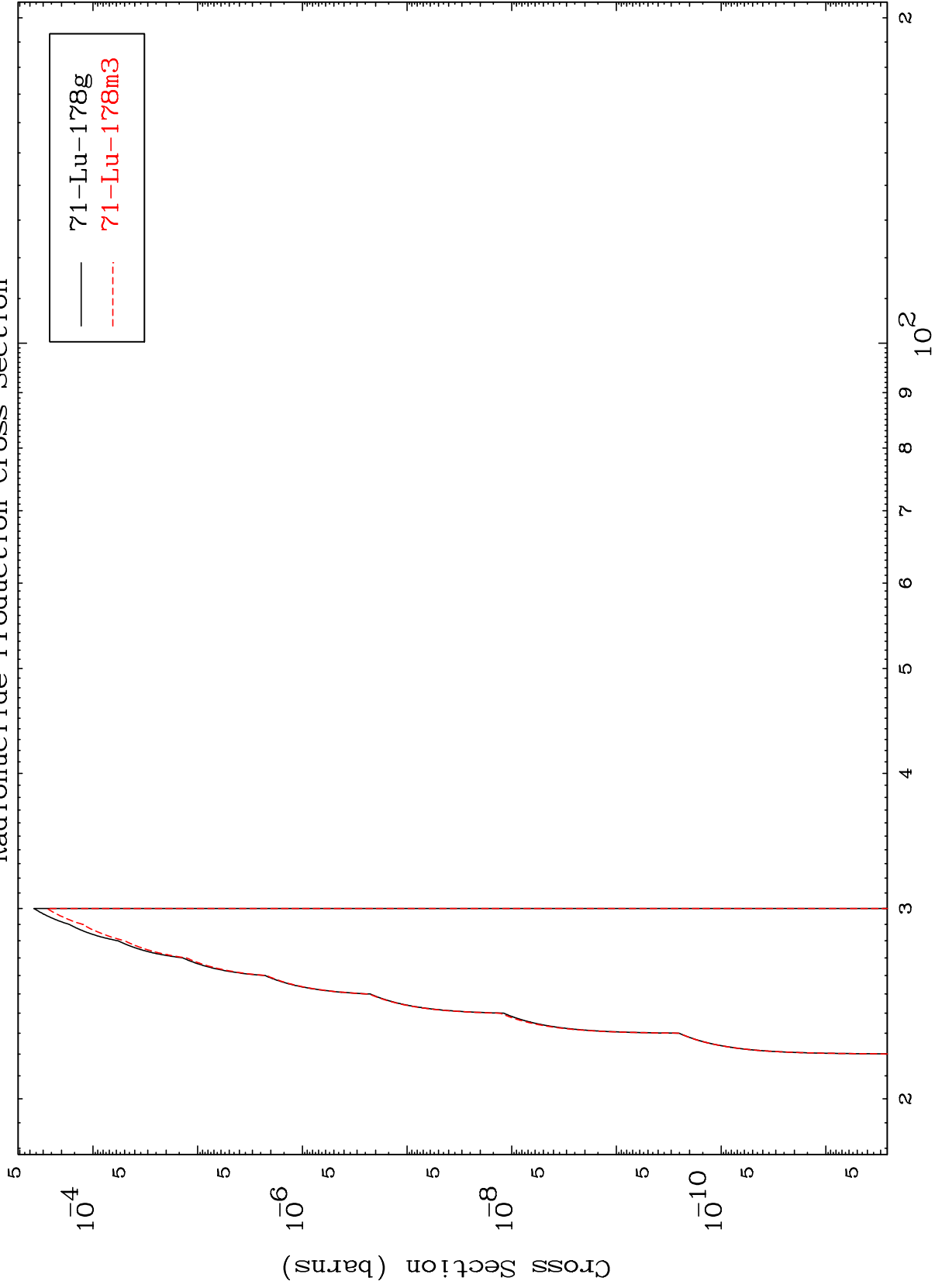


MAT 7246

72-Hf-181

(n,2n) d

Radionuclide Production Cross Section



113

Incident Energy (MeV)

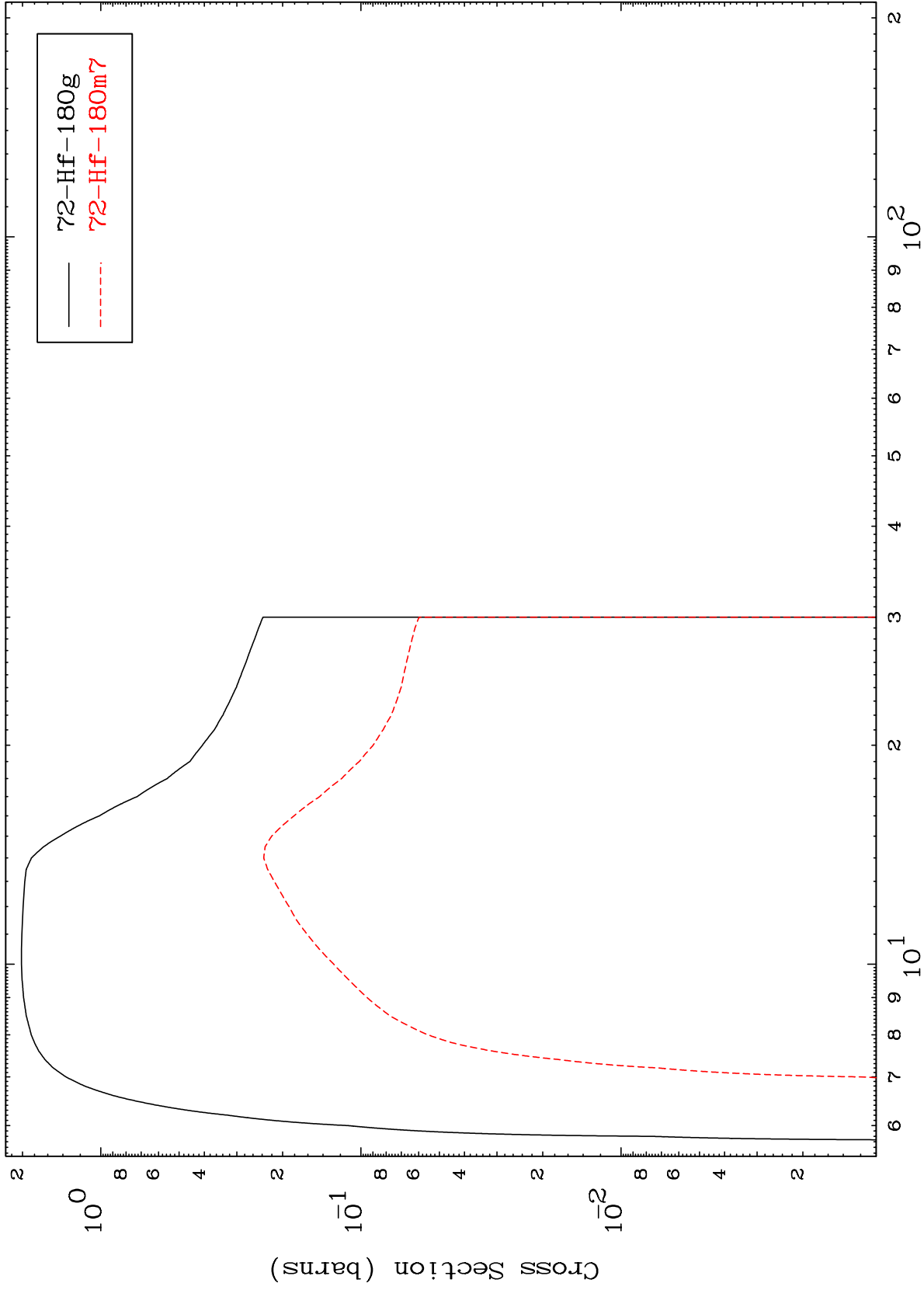
72-Hf-181

MAT 7246

(n,2n)

72-Hf-181

Radionuclide Production Cross Section



114

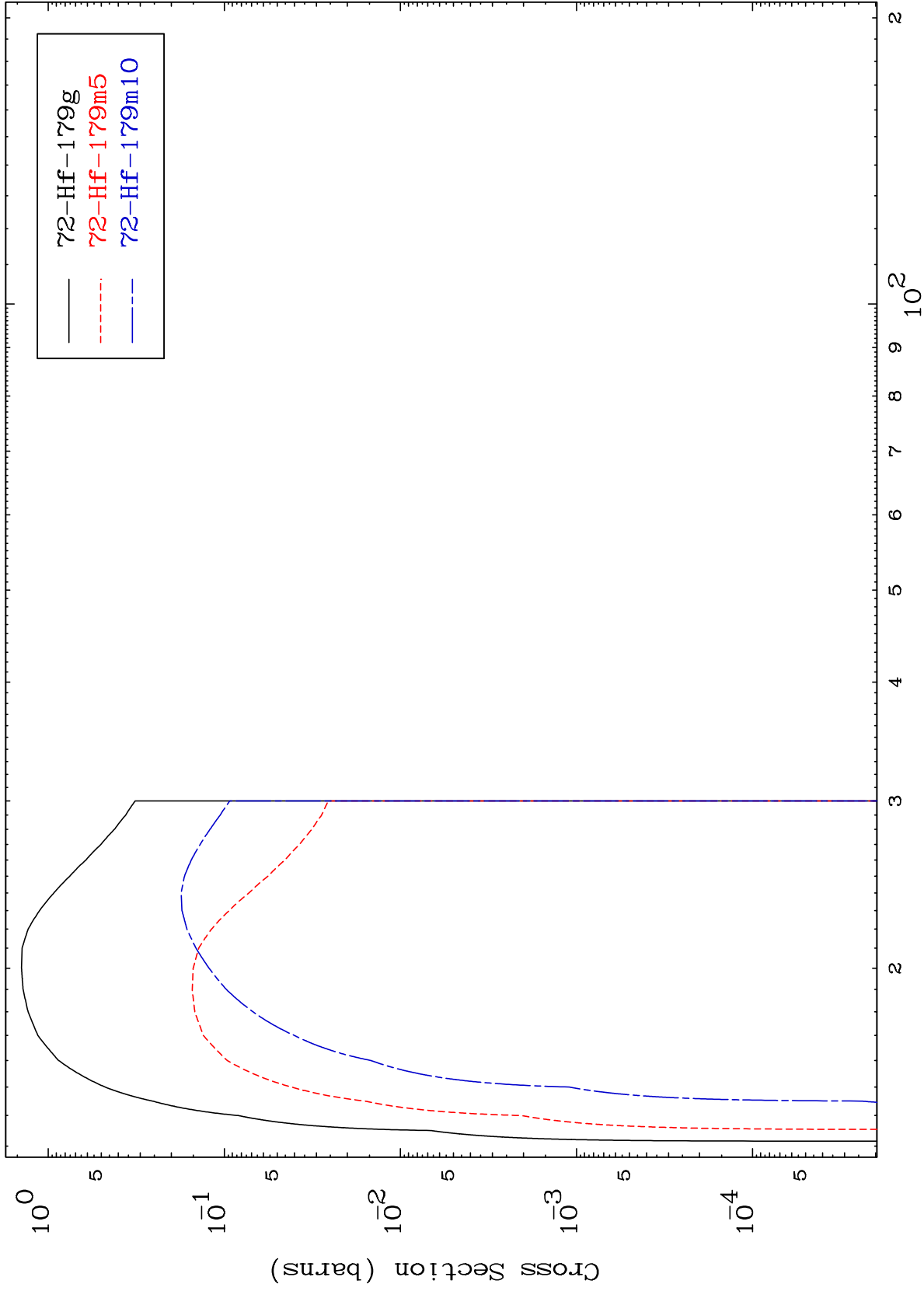
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

(n,3n)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

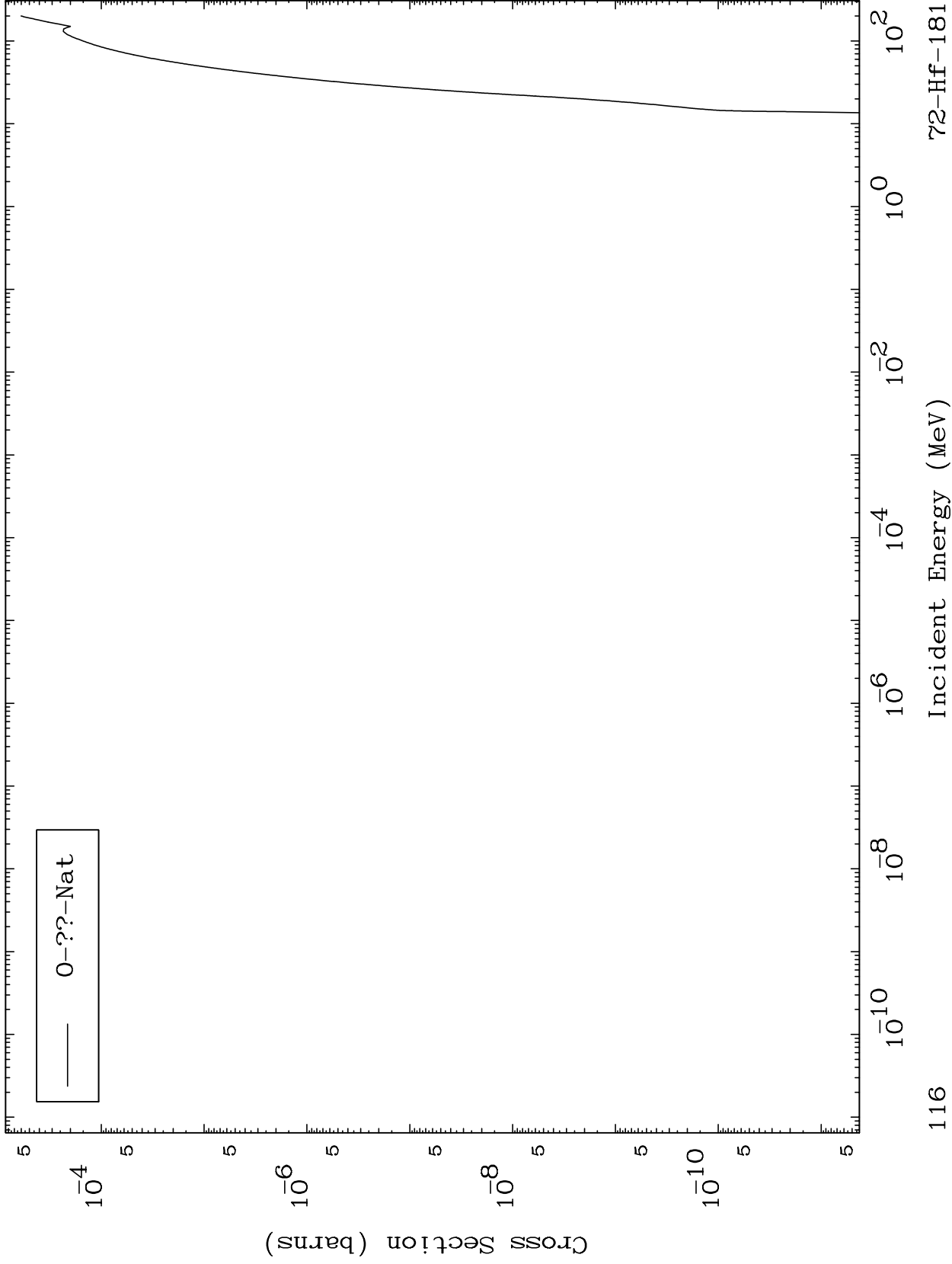
72-Hf-181

MAT 7246

Fission

72-Hf-181

Radionuclide Production Cross Section

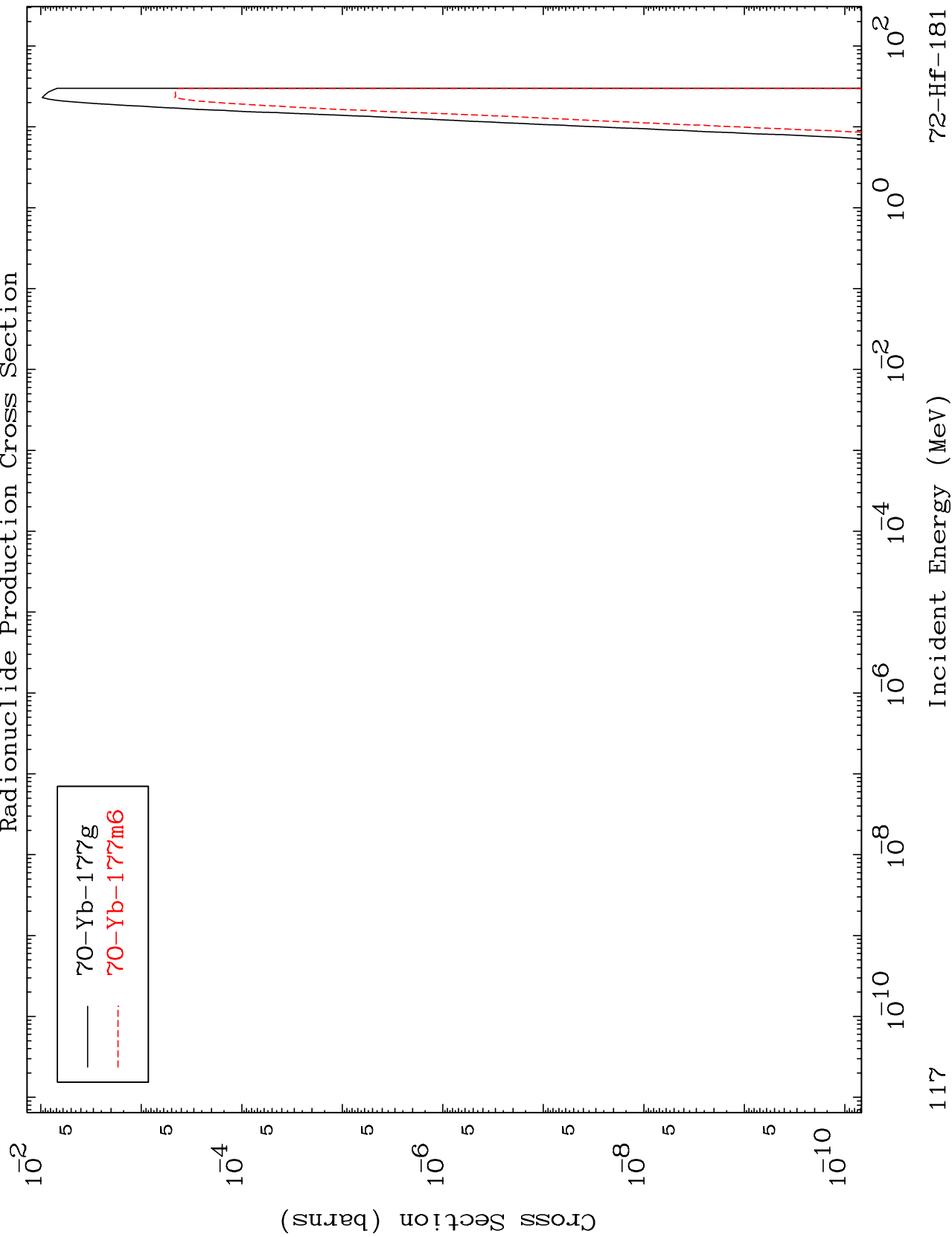


MAT 7246

$(n, n') \alpha$

72-Hf-181

Radionuclide Production Cross Section



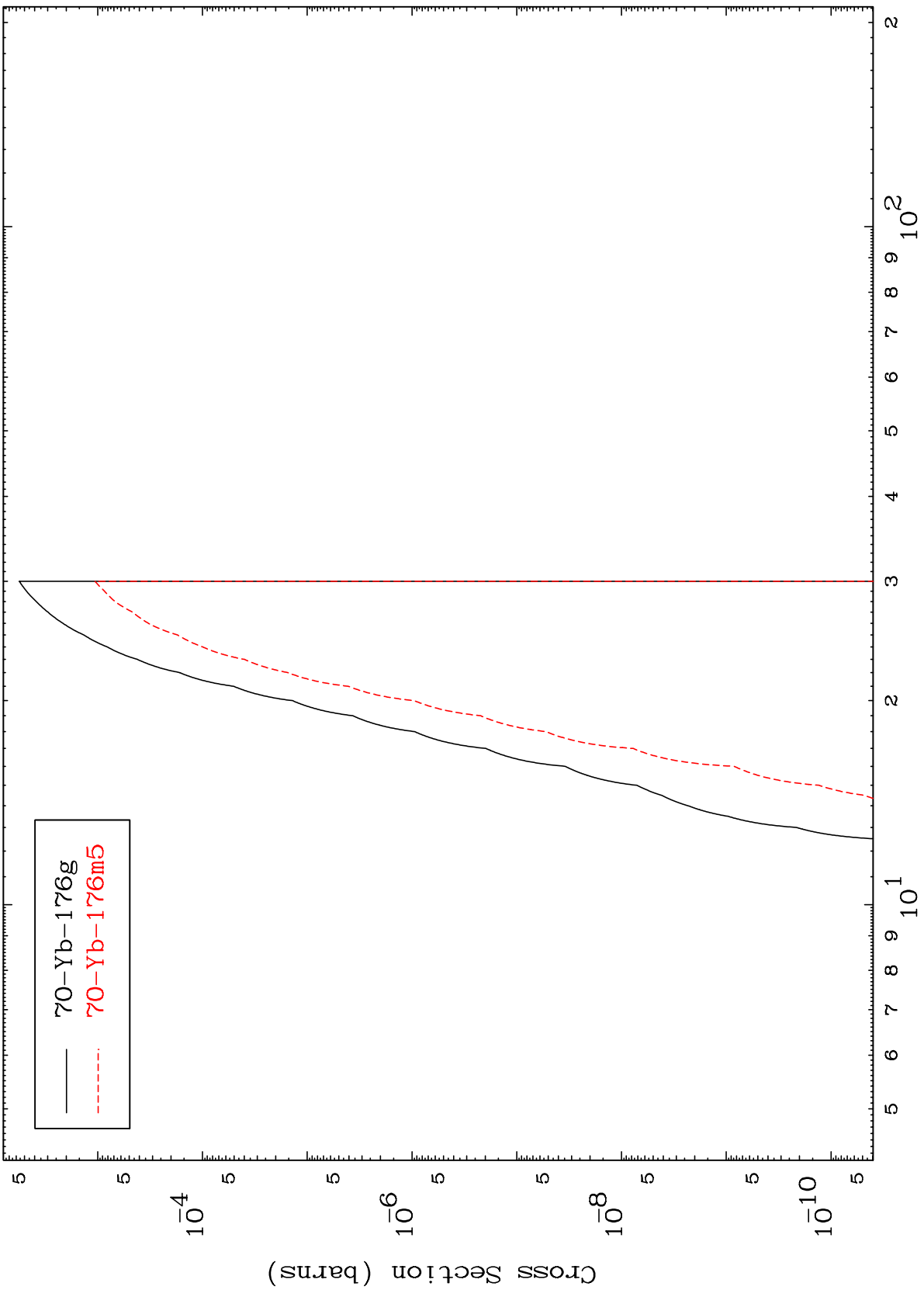
70-Yb-177g
70-Yb-177m6

MAT 7246

(n,2n) α

72-Hf-181

Radionuclide Production Cross Section

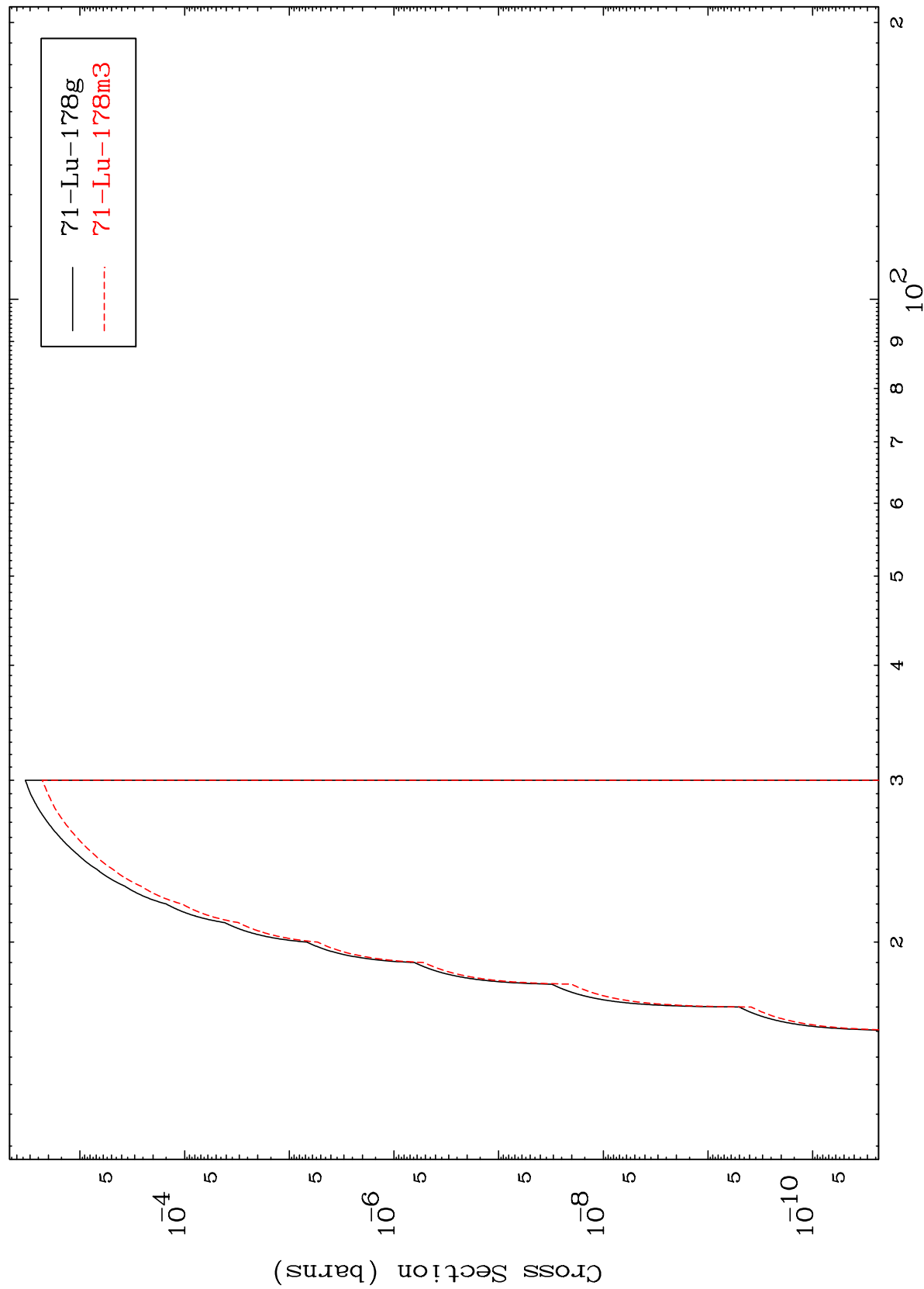


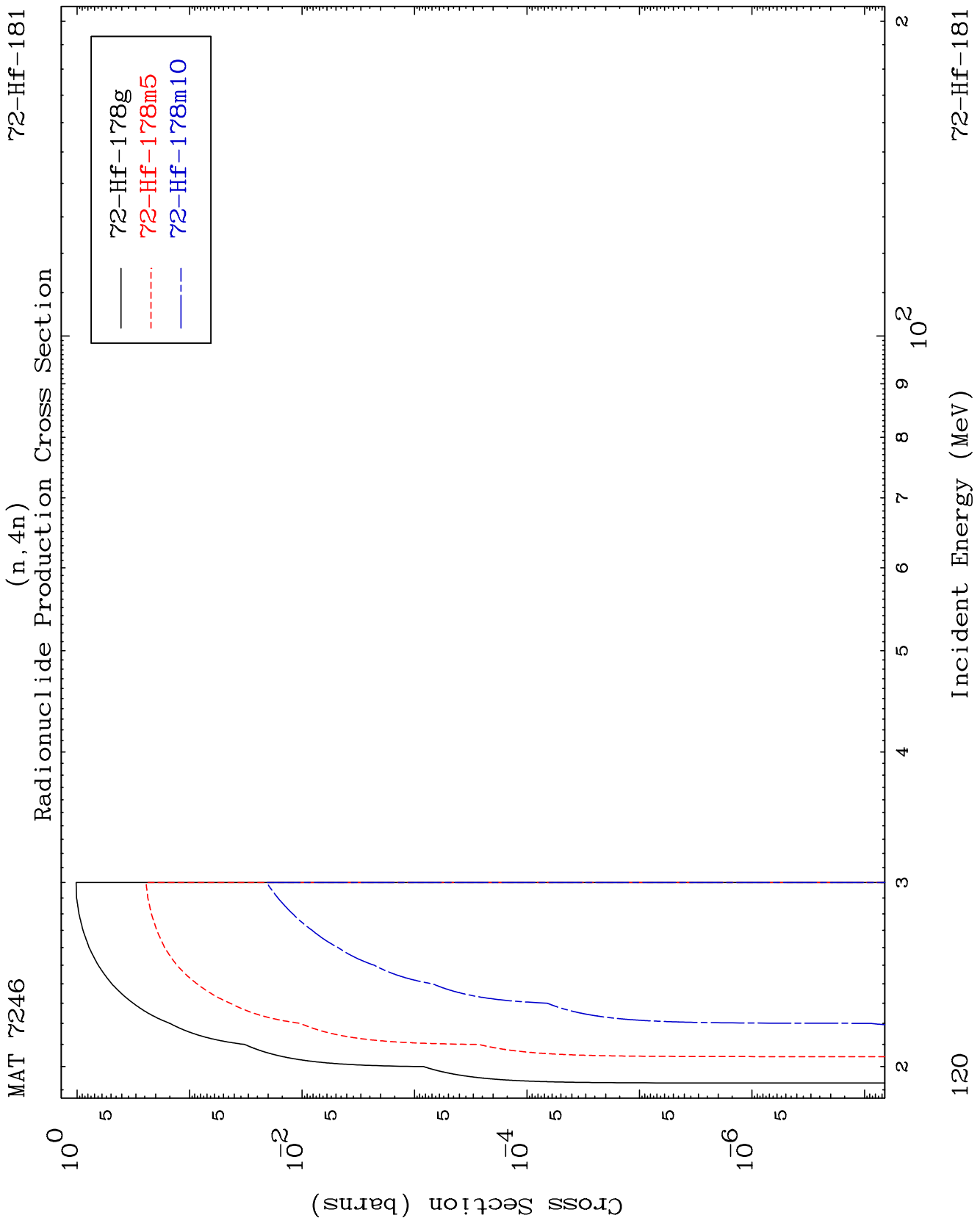
118

Incident Energy (MeV)

72-Hf-181

Radionuclide Production Cross Section



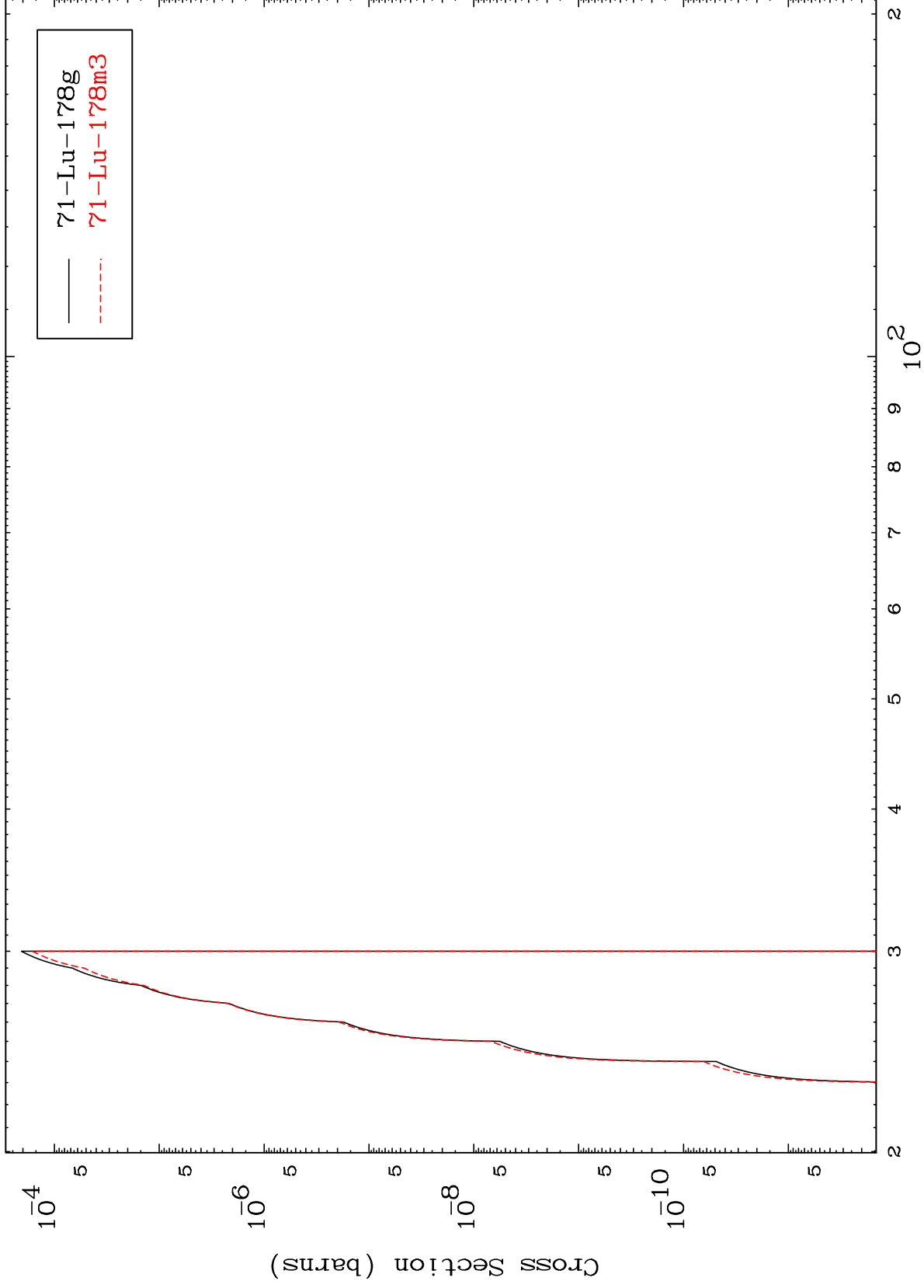


MAT 7246

(n,3n) p

72-Hf-181

Radionuclide Production Cross Section



121

Incident Energy (MeV)

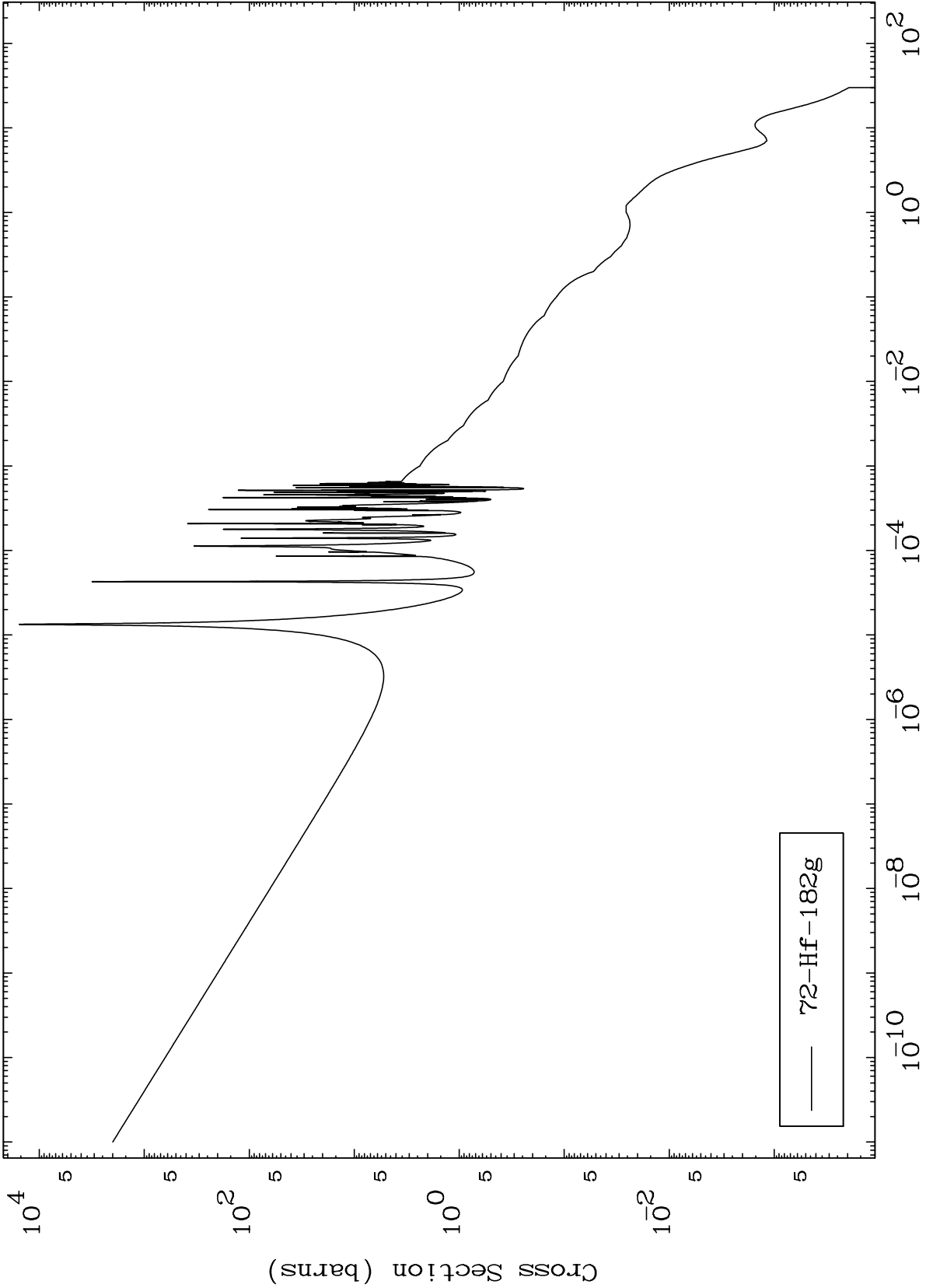
72-Hf-181

MAT 7246

72-Hf-181

Radionuclide Production Cross Section

(n, γ)



72-Hf-181

Incident Energy (MeV)

122