

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

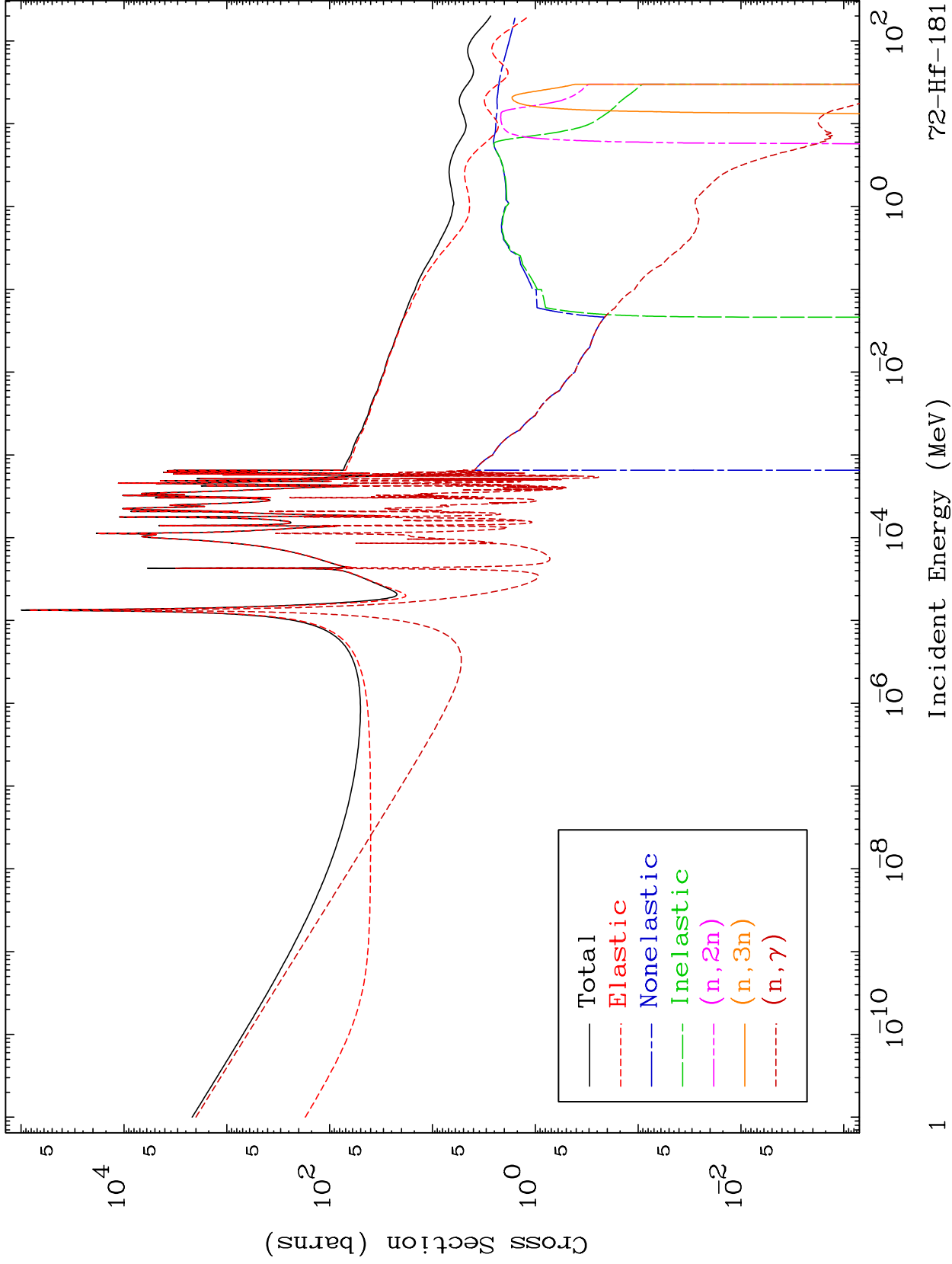
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Press Mouse Button to Start

MAT 7246

Neutron Major
293 Kelvin Cross Sections

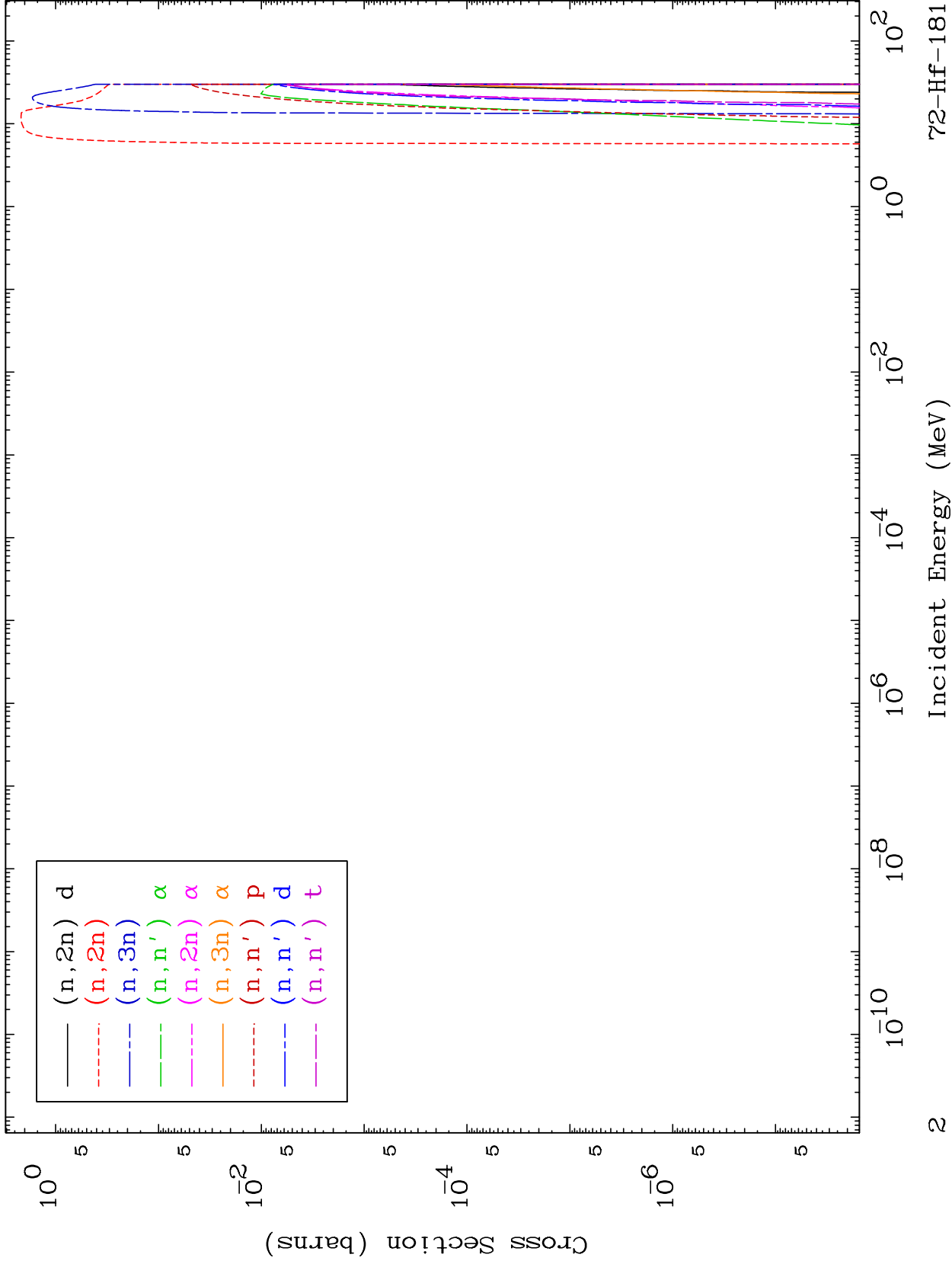
72-Hf-181



MAT 7246

Neutron Absorption
293 Kelvin Cross Sections

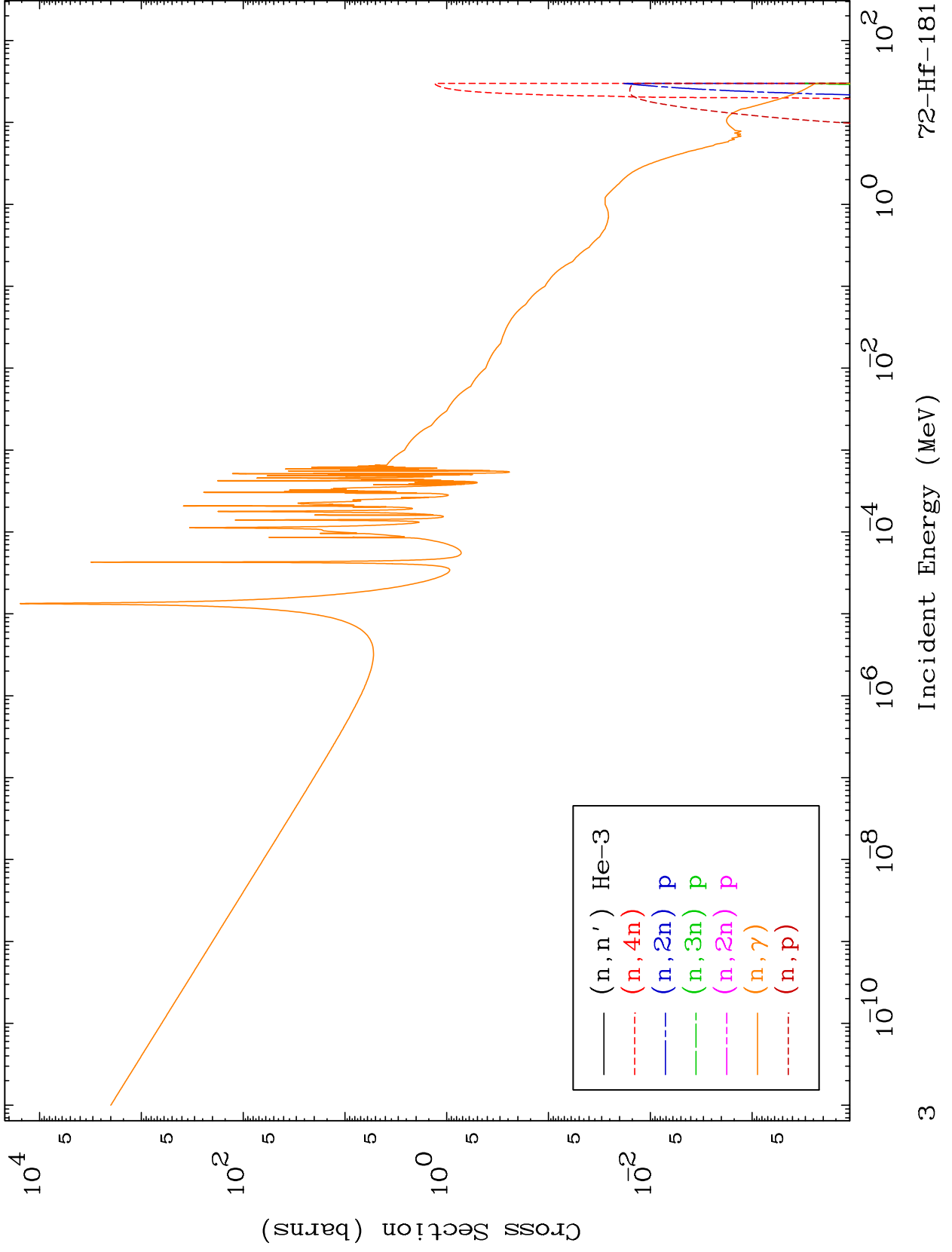
72-Hf-181



MAT 7246

Neutron Absorption
293 Kelvin Cross Sections

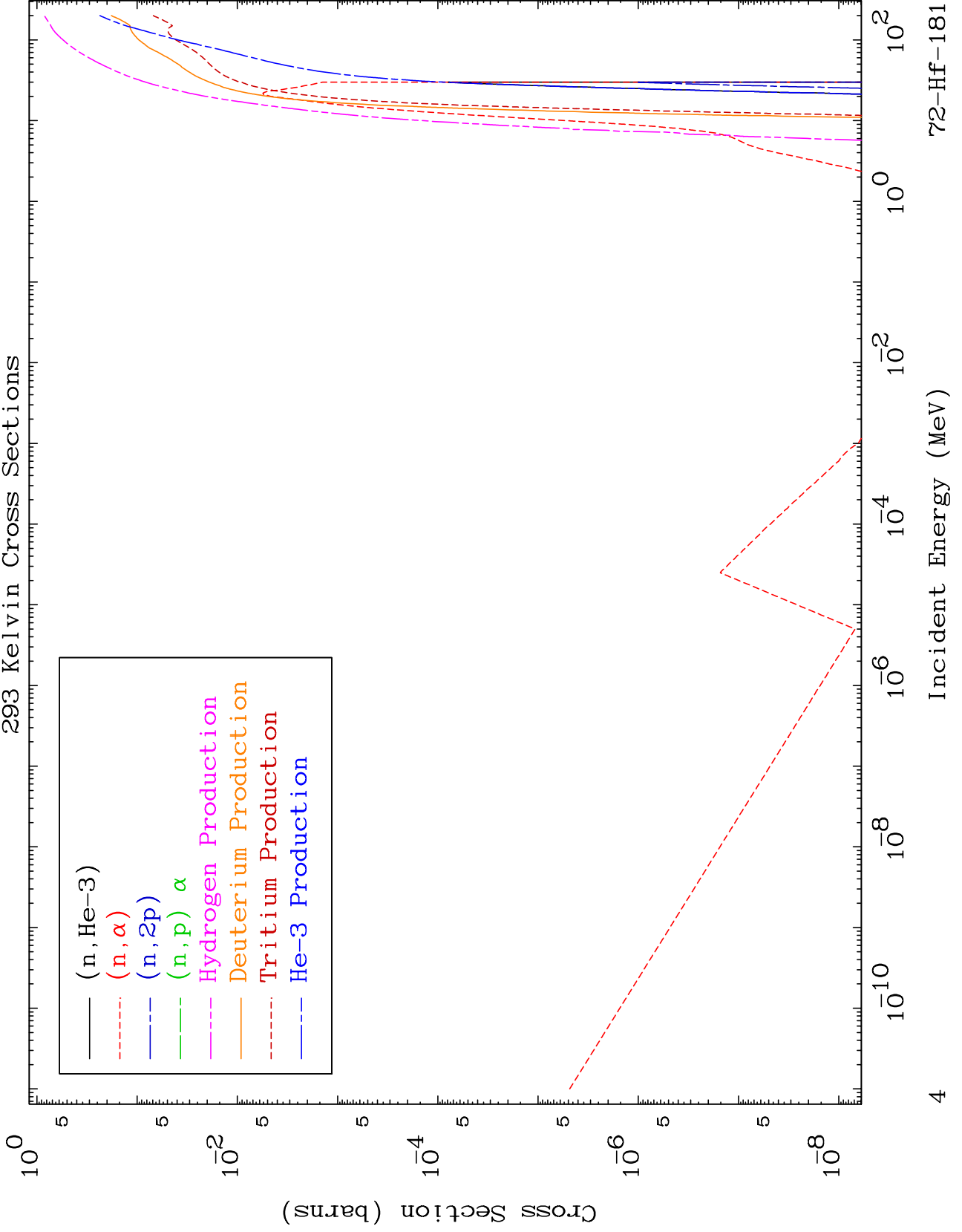
72-Hf-181



MAT 7246

Neutron Absorption
293 Kelvin Cross Sections

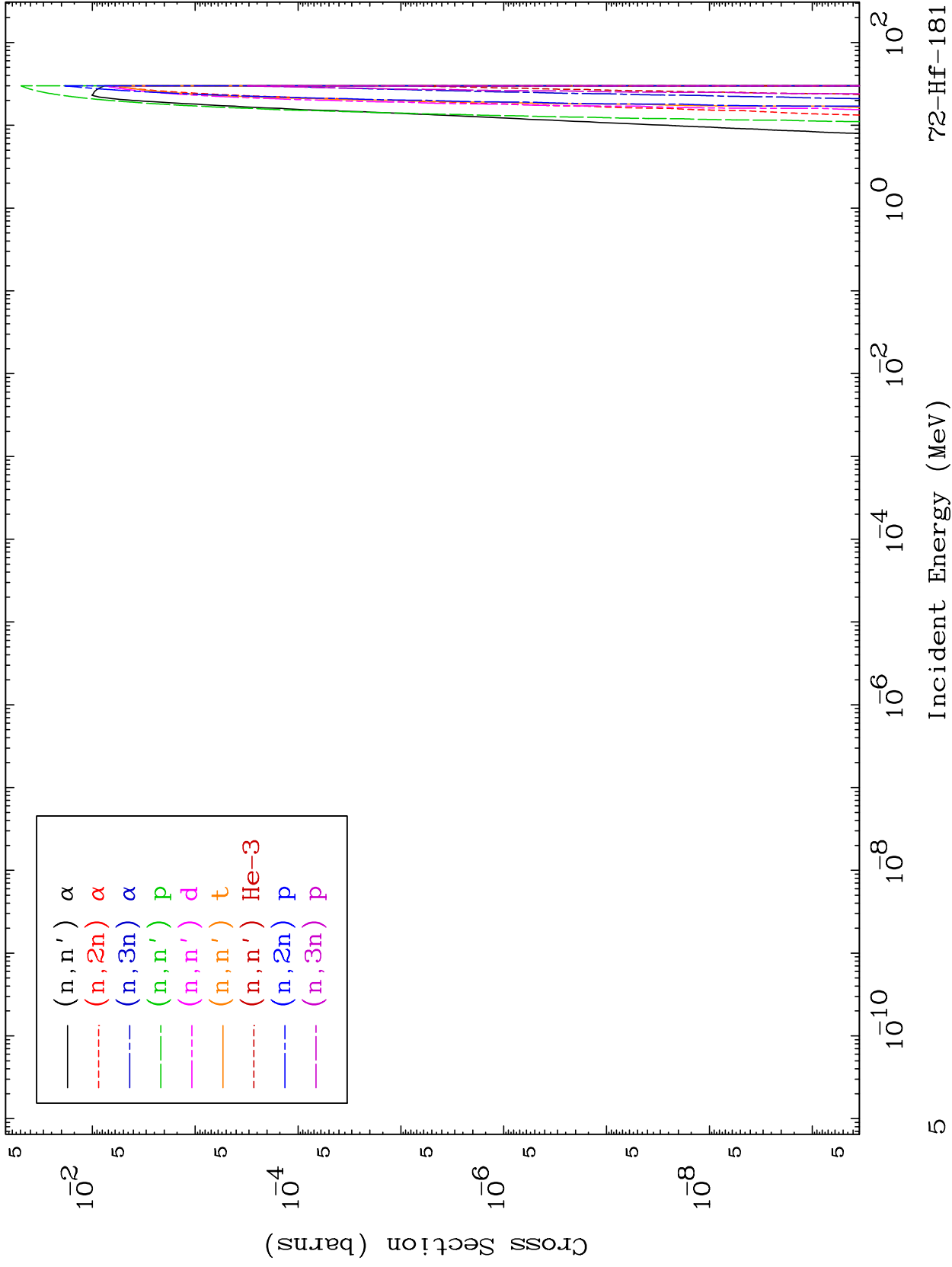
72-Hf-181



MAT 7246

Charged Particle
293 Kelvin Cross Sections

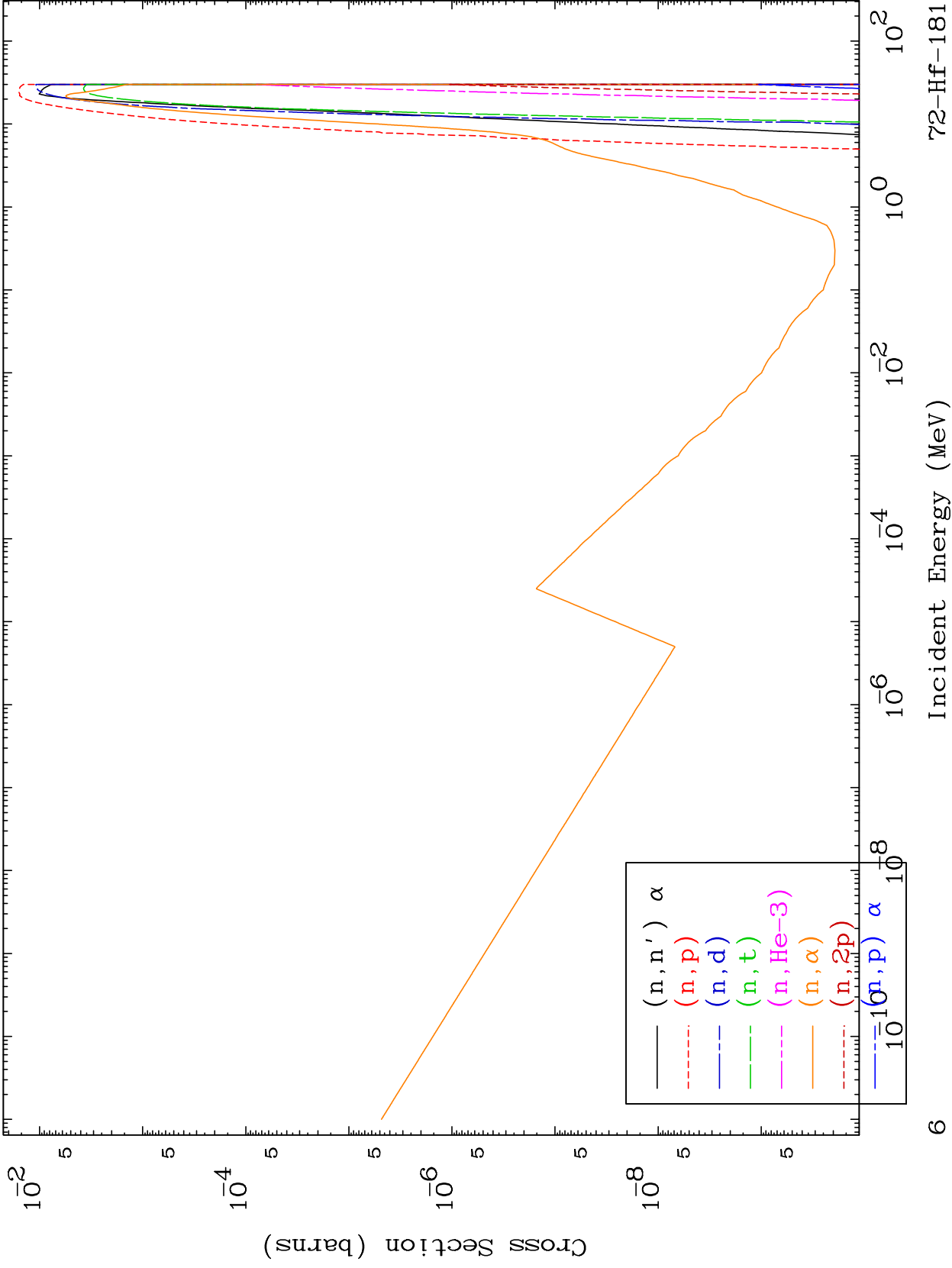
72-Hf-181



MAT 7246

Charged Particle
293 Kelvin Cross Sections

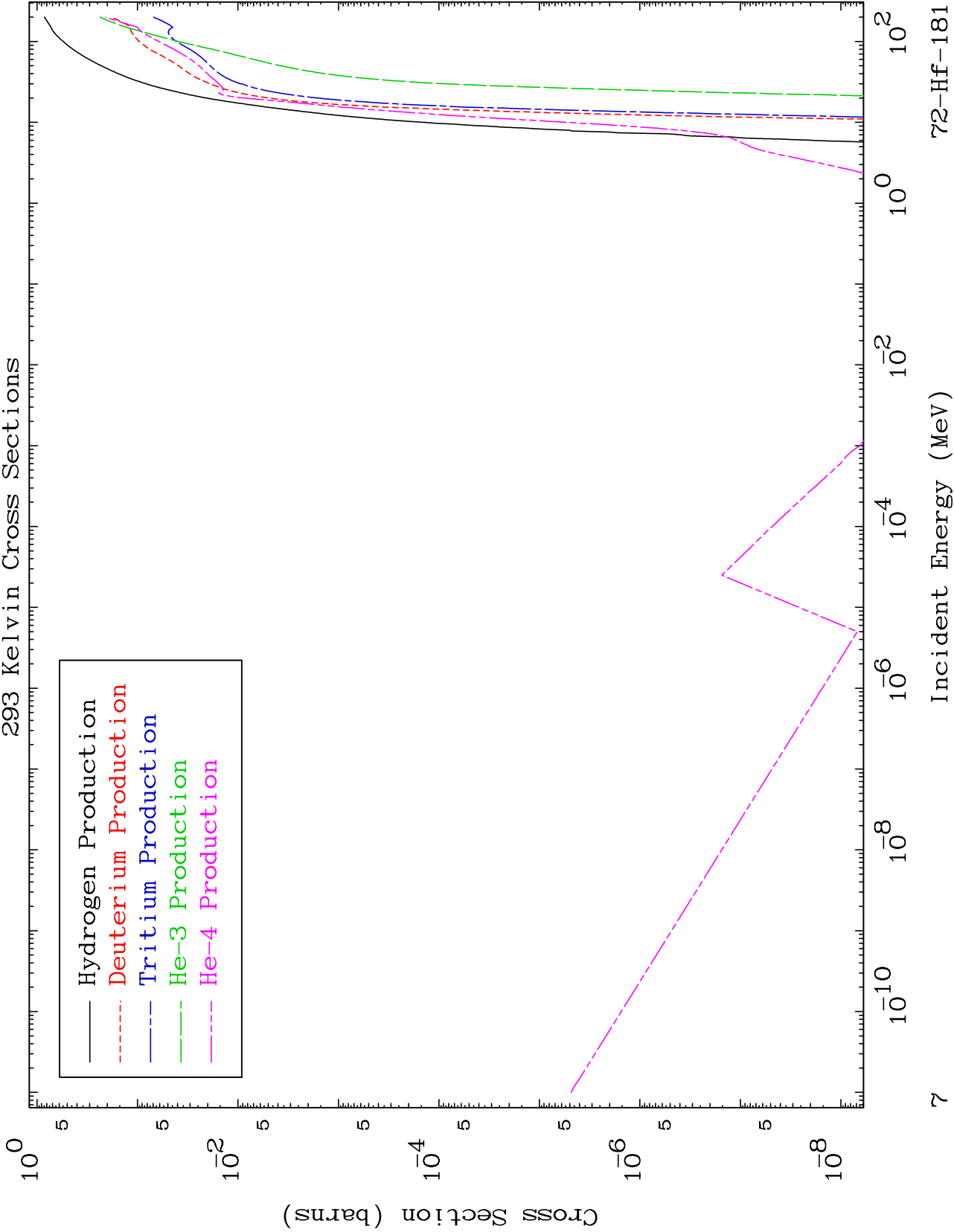
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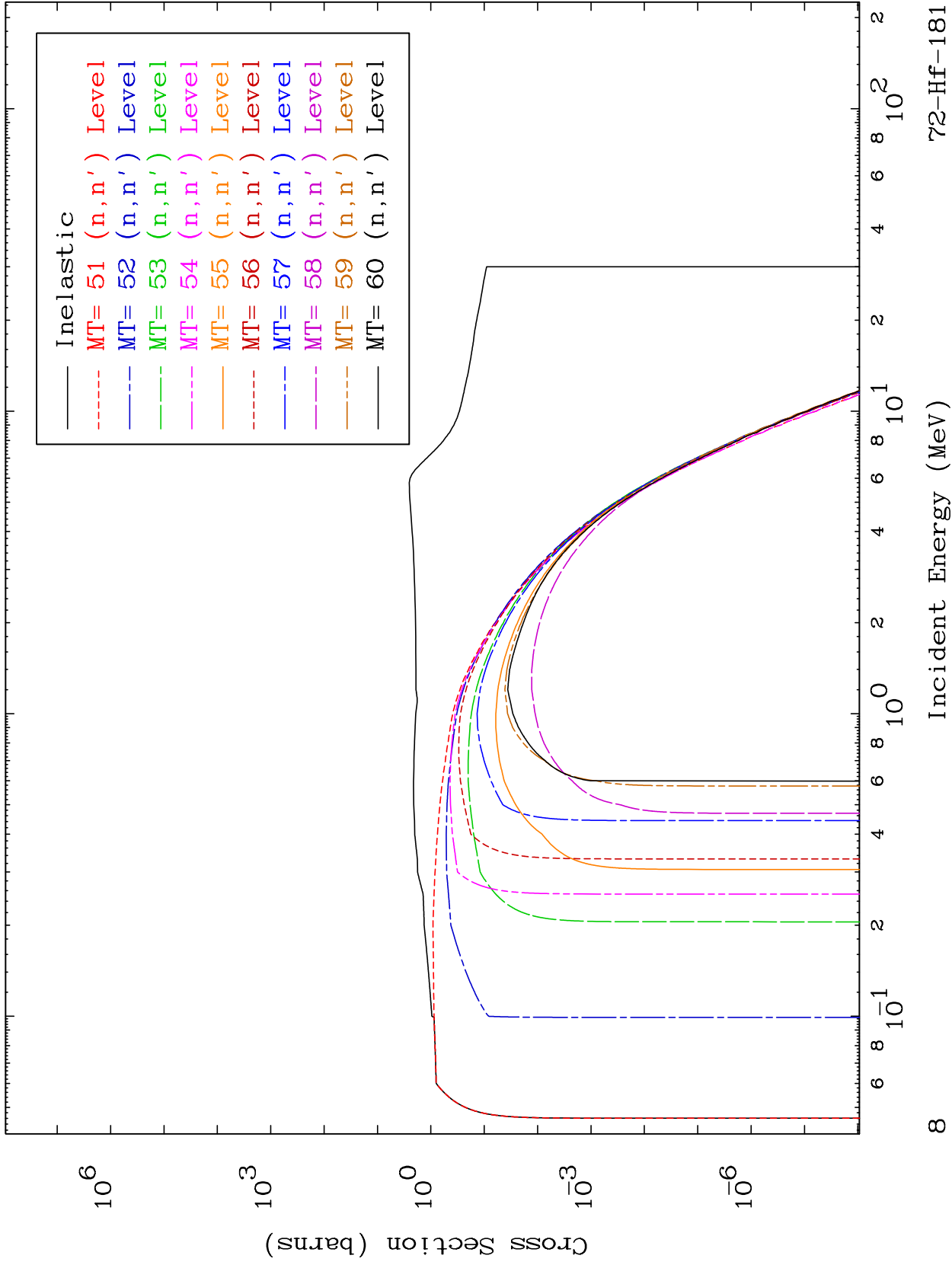
MAT 7246

Particle Production
293 Kelvin Cross Sections

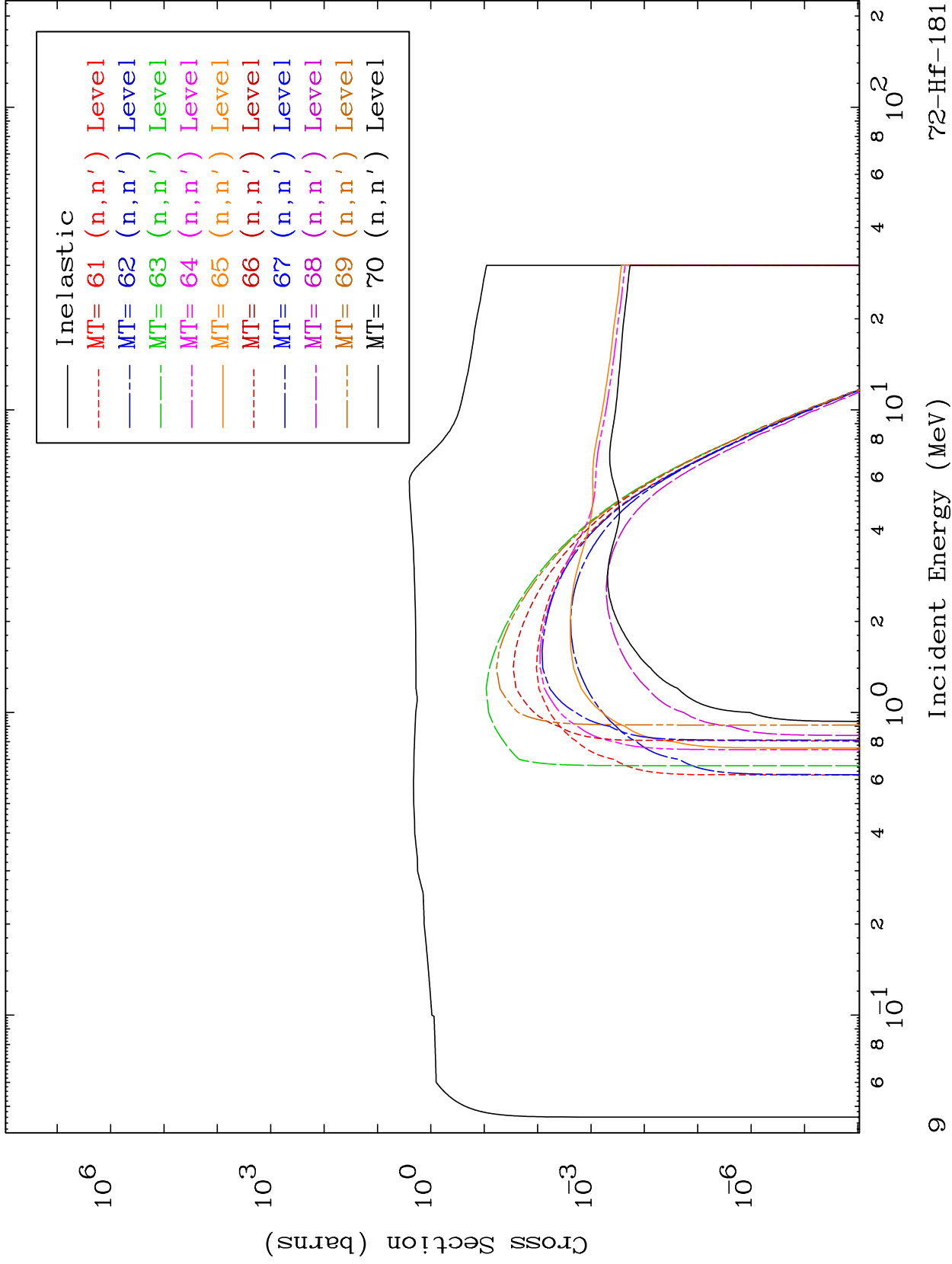
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293 Kelvin Cross Sections



293 Kelvin Cross Sections

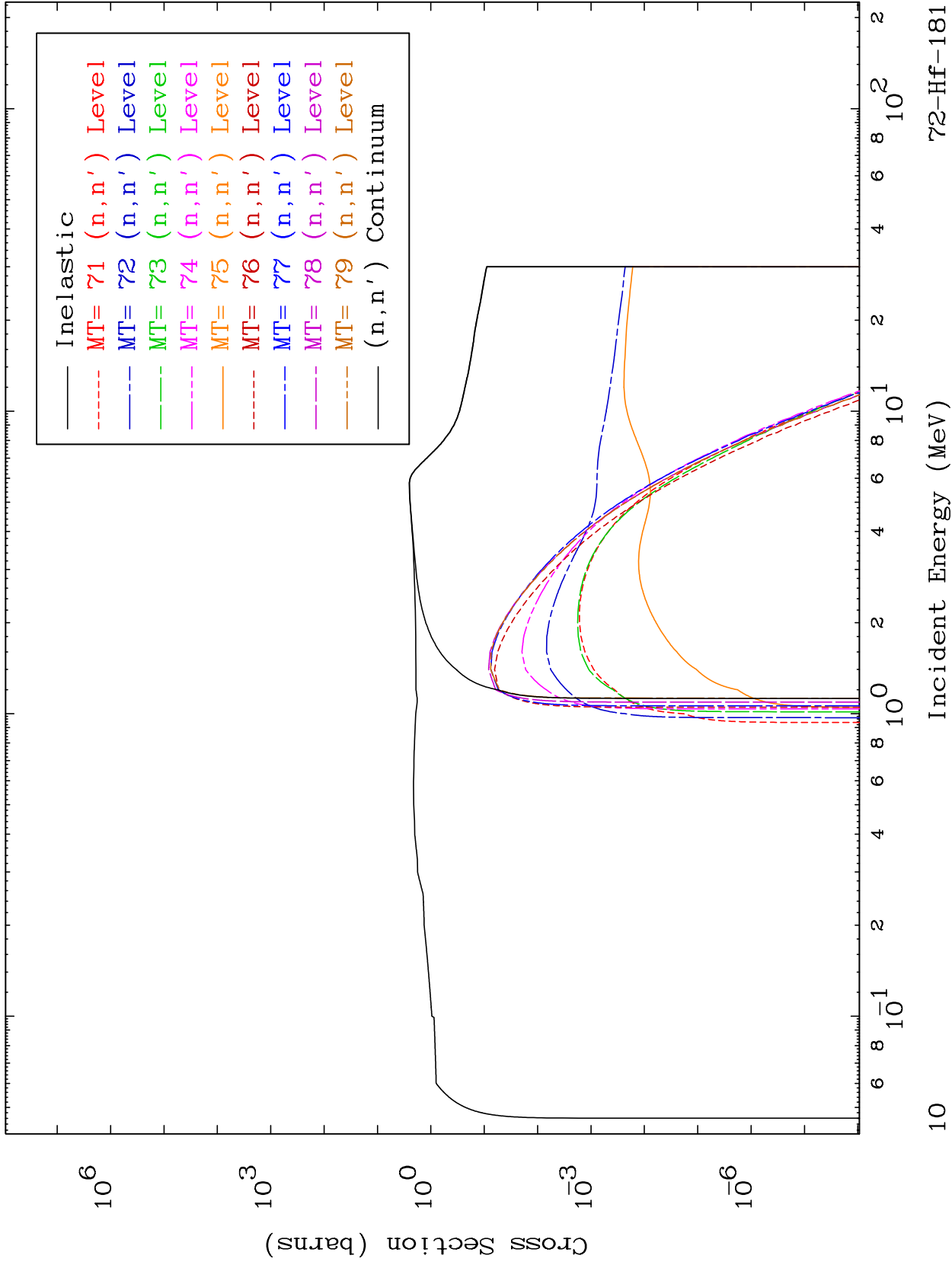


MAT 7246

(n,n') Levels

72-Hf-181

293 Kelvin Cross Sections



10

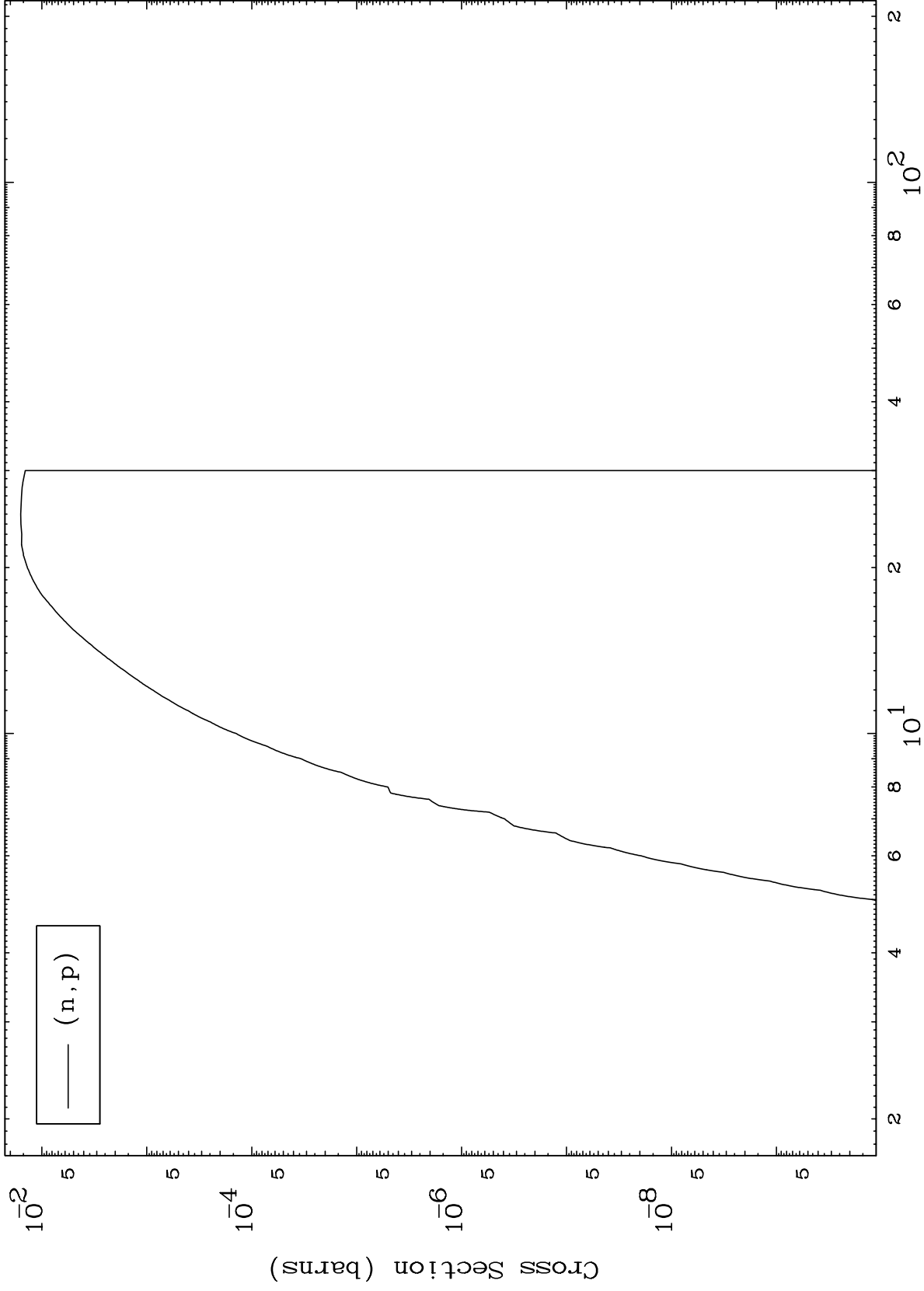
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-181



11

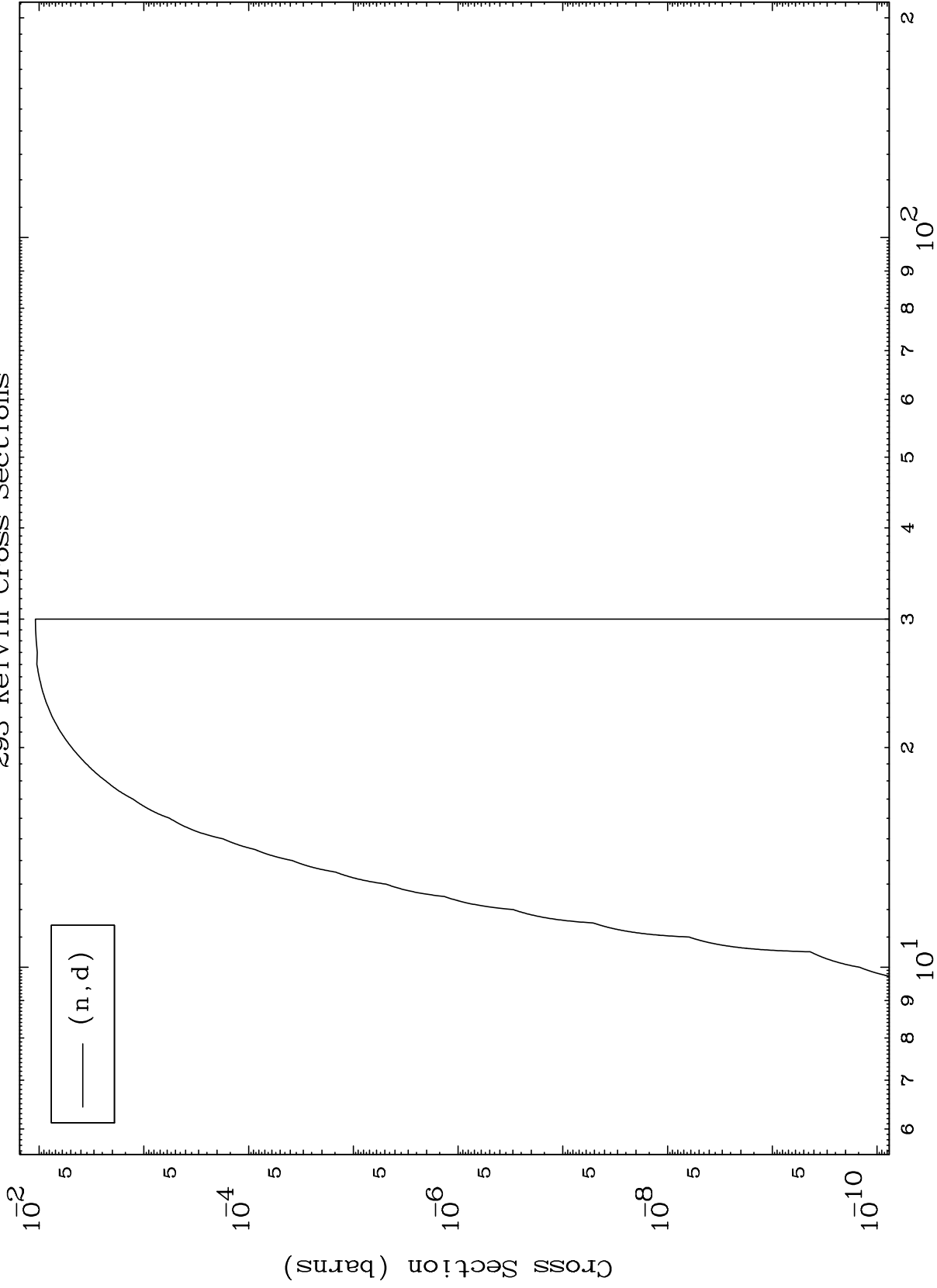
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,d) Levels
293 Kelvin Cross Sections

72-Hf-181



12

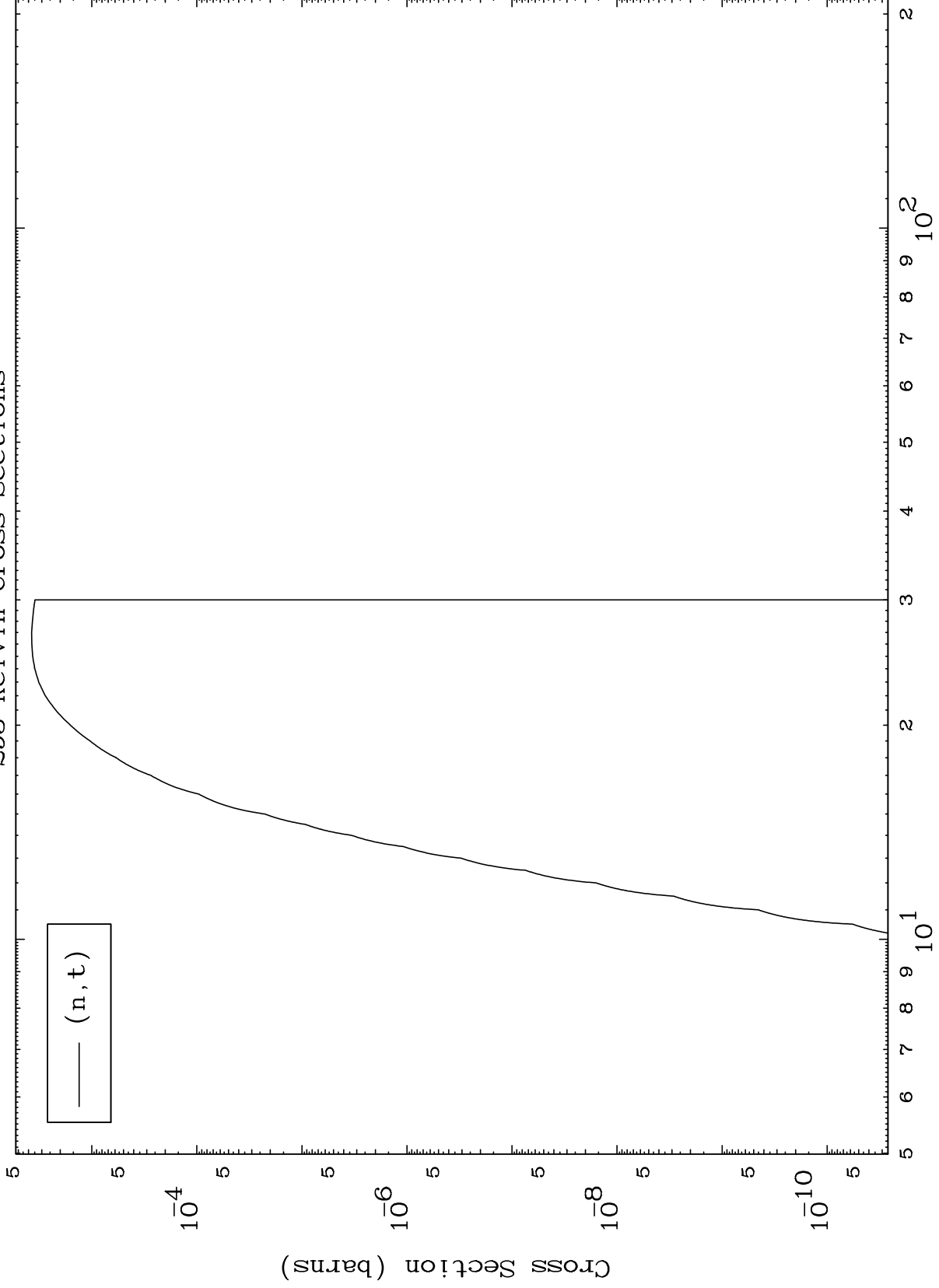
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-181



13

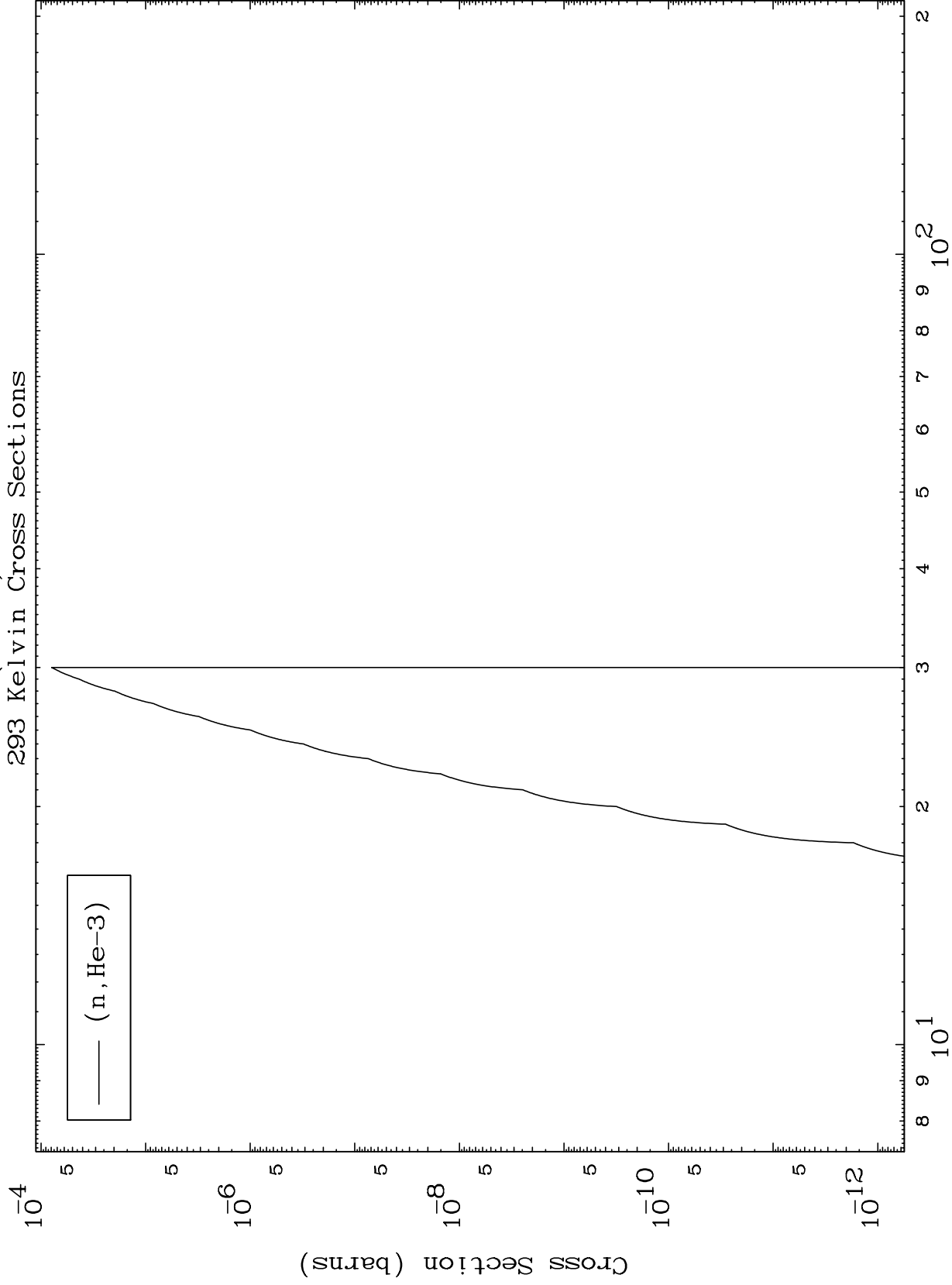
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-181



14

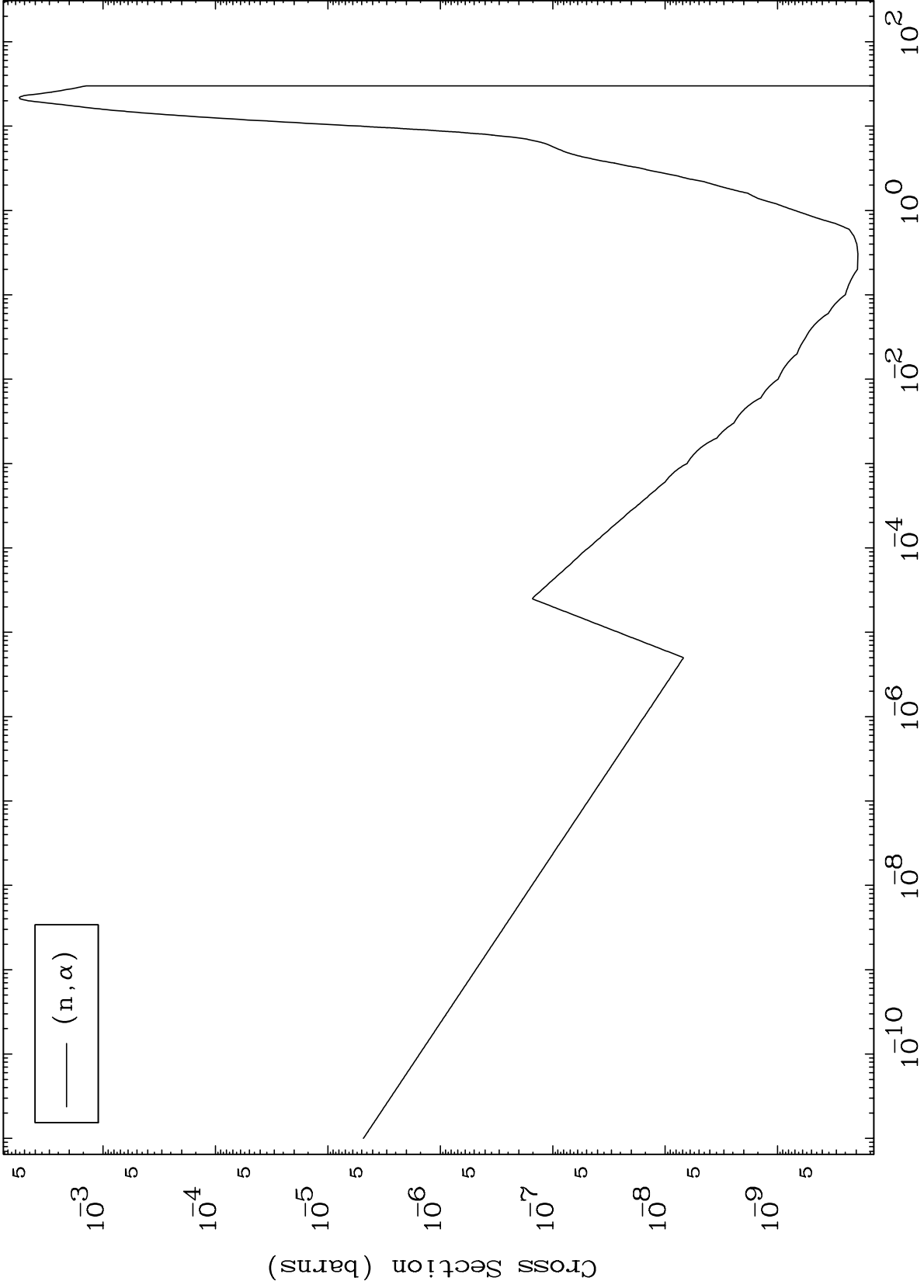
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n, α) Levels
293 Kelvin Cross Sections

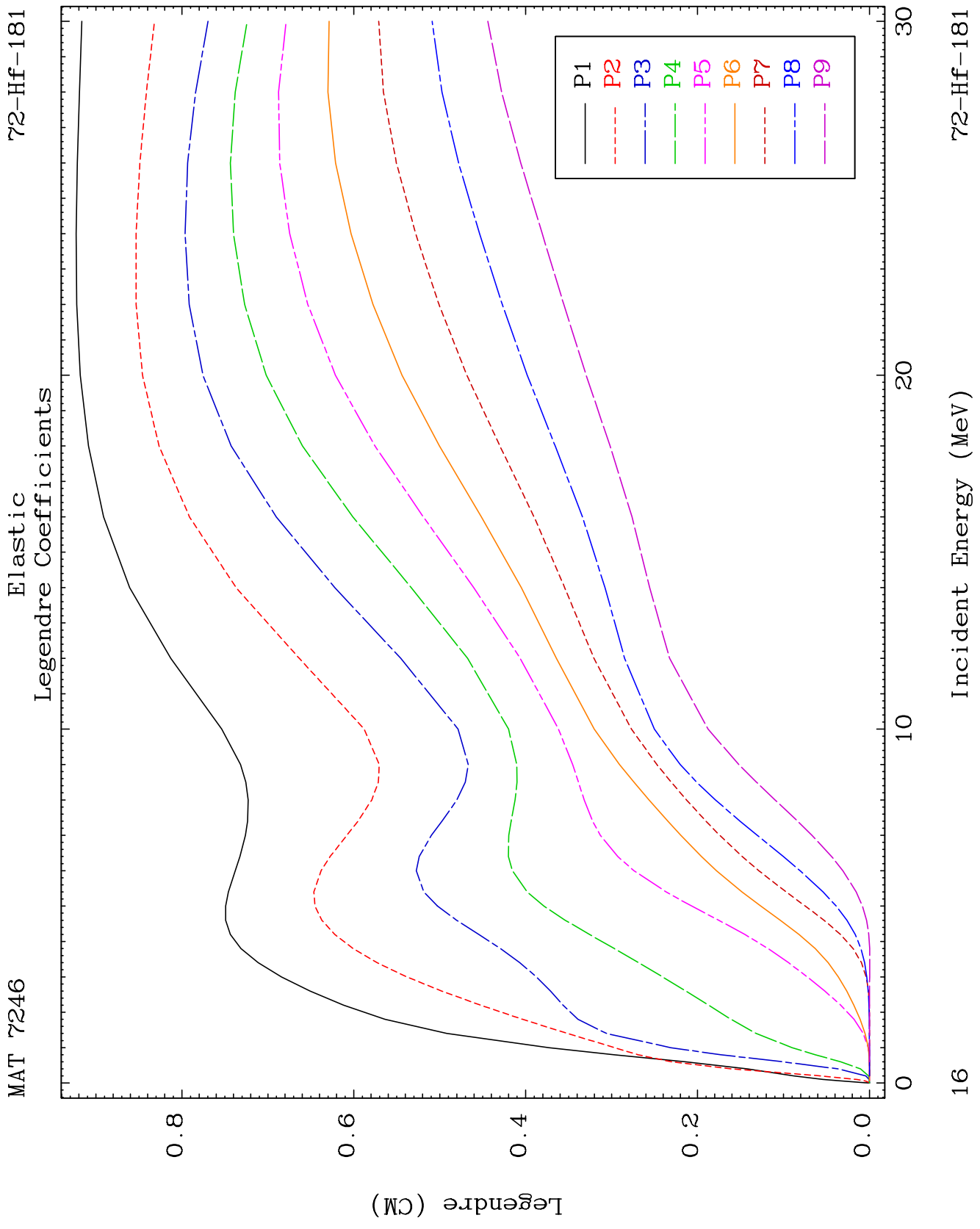
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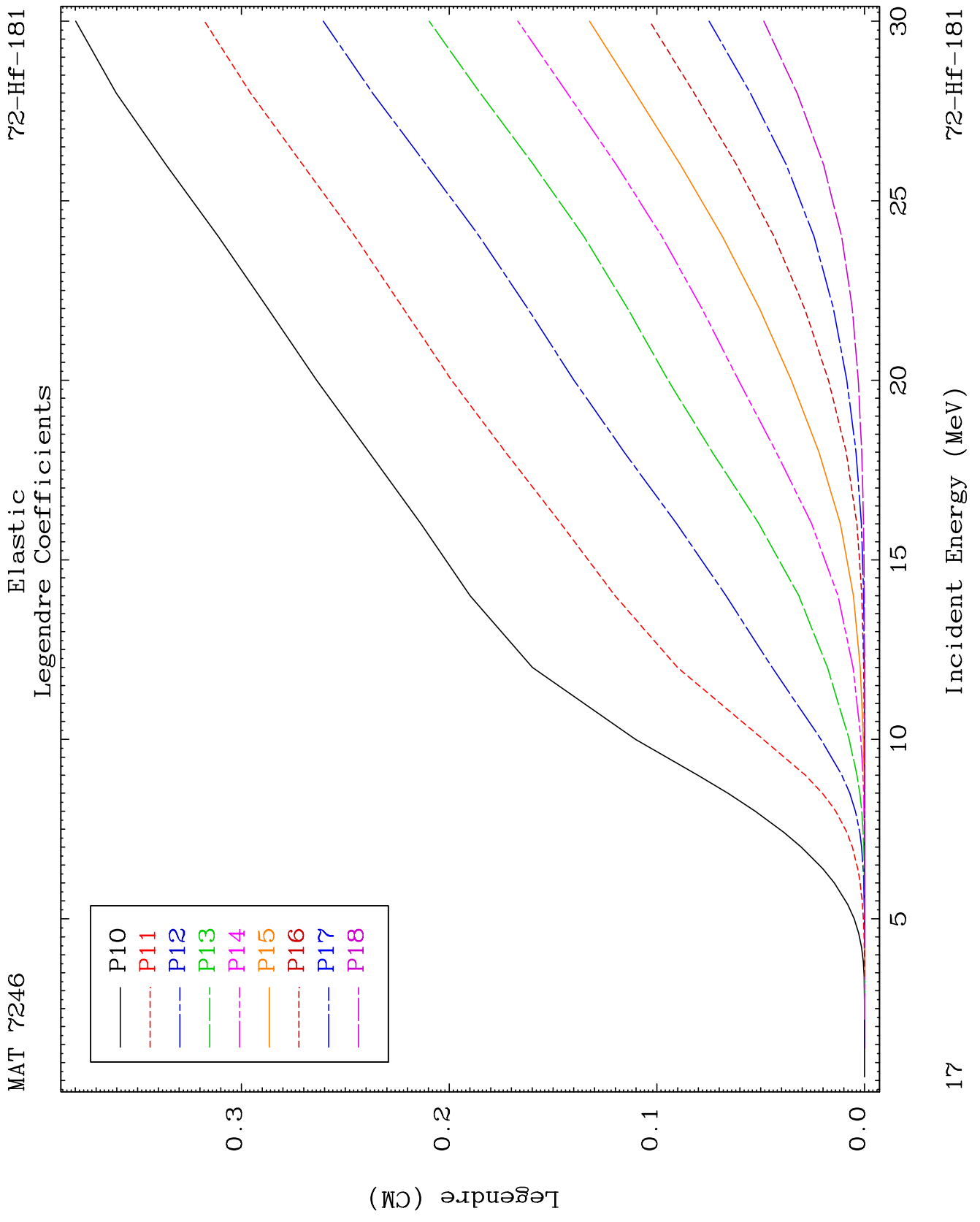


15

Incident Energy (MeV)

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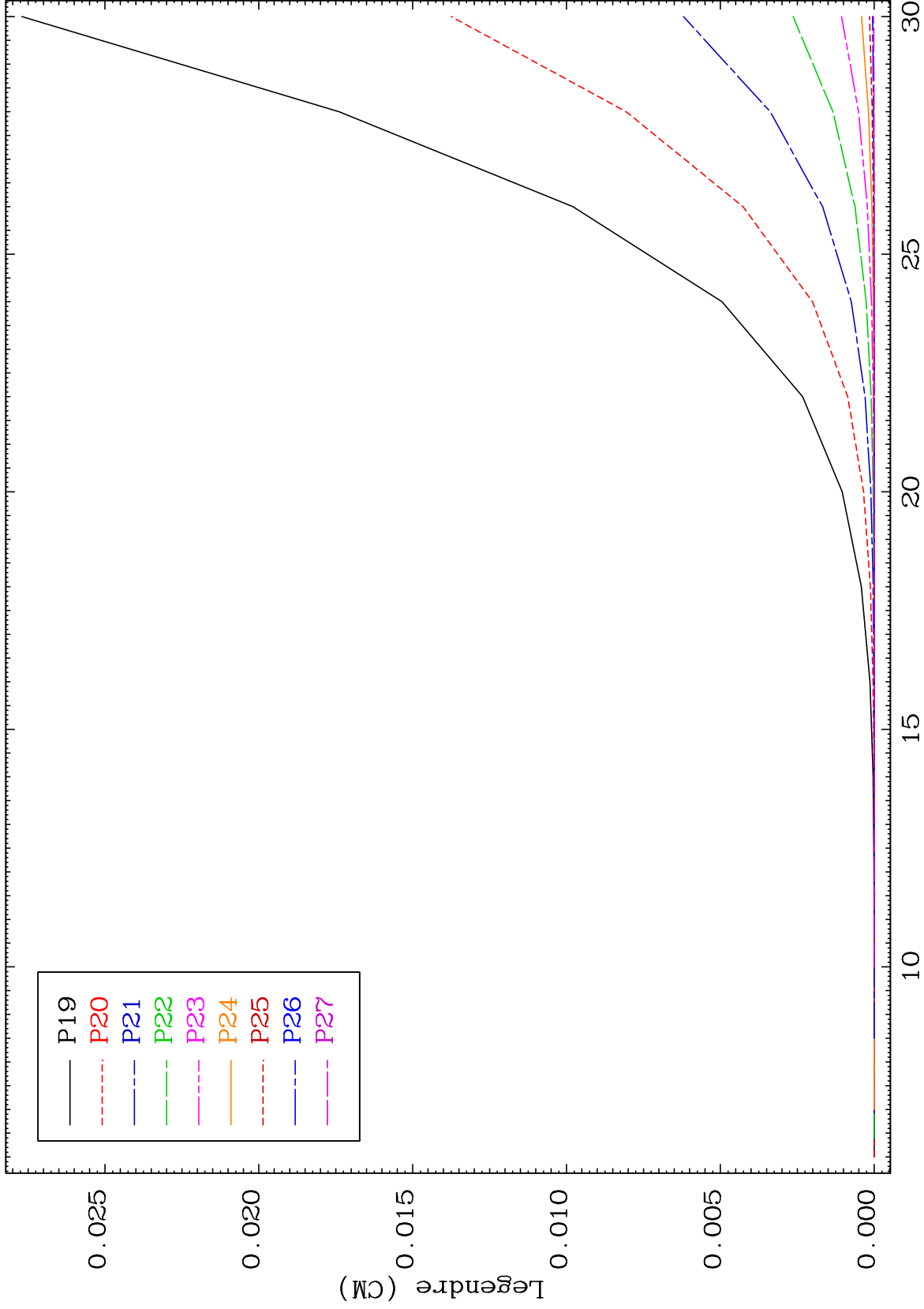




MAT 7246

Elastic Legendre Coefficients

72-Hf-181



18

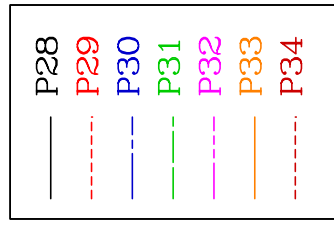
Incident Energy (MeV)

72-Hf-181

MAT 7246

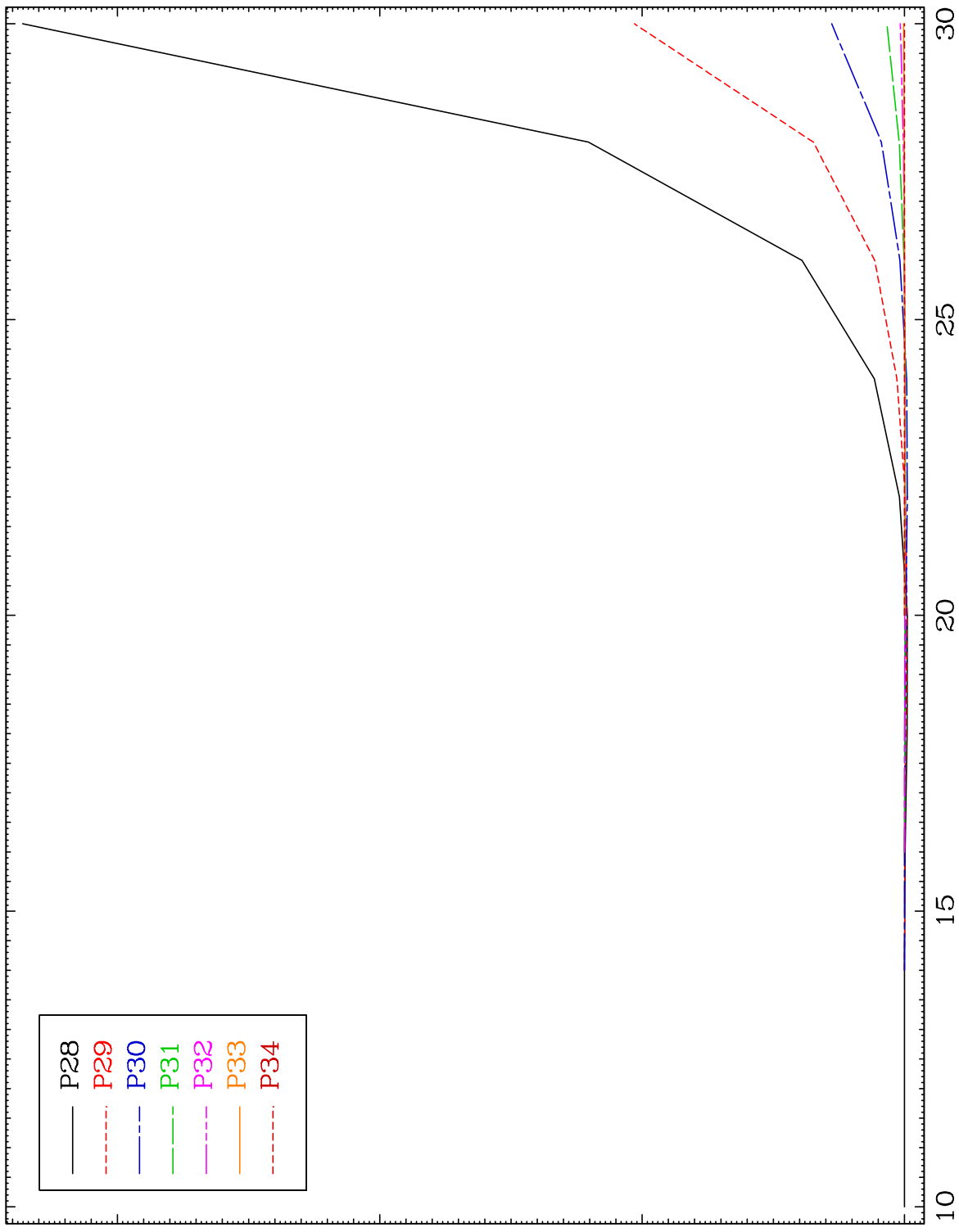
Elastic
Legendre Coefficients

72-Hf-181



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

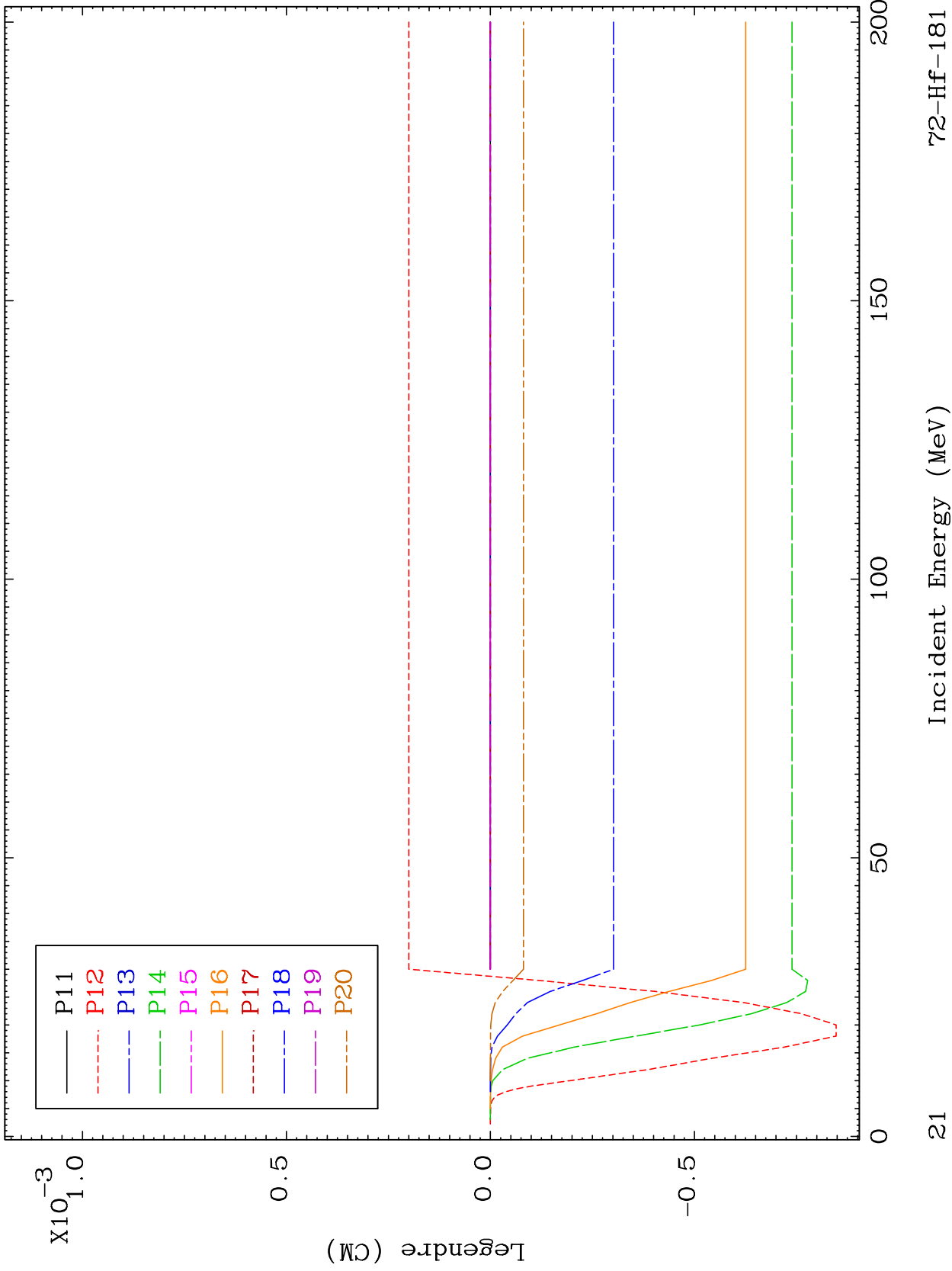
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

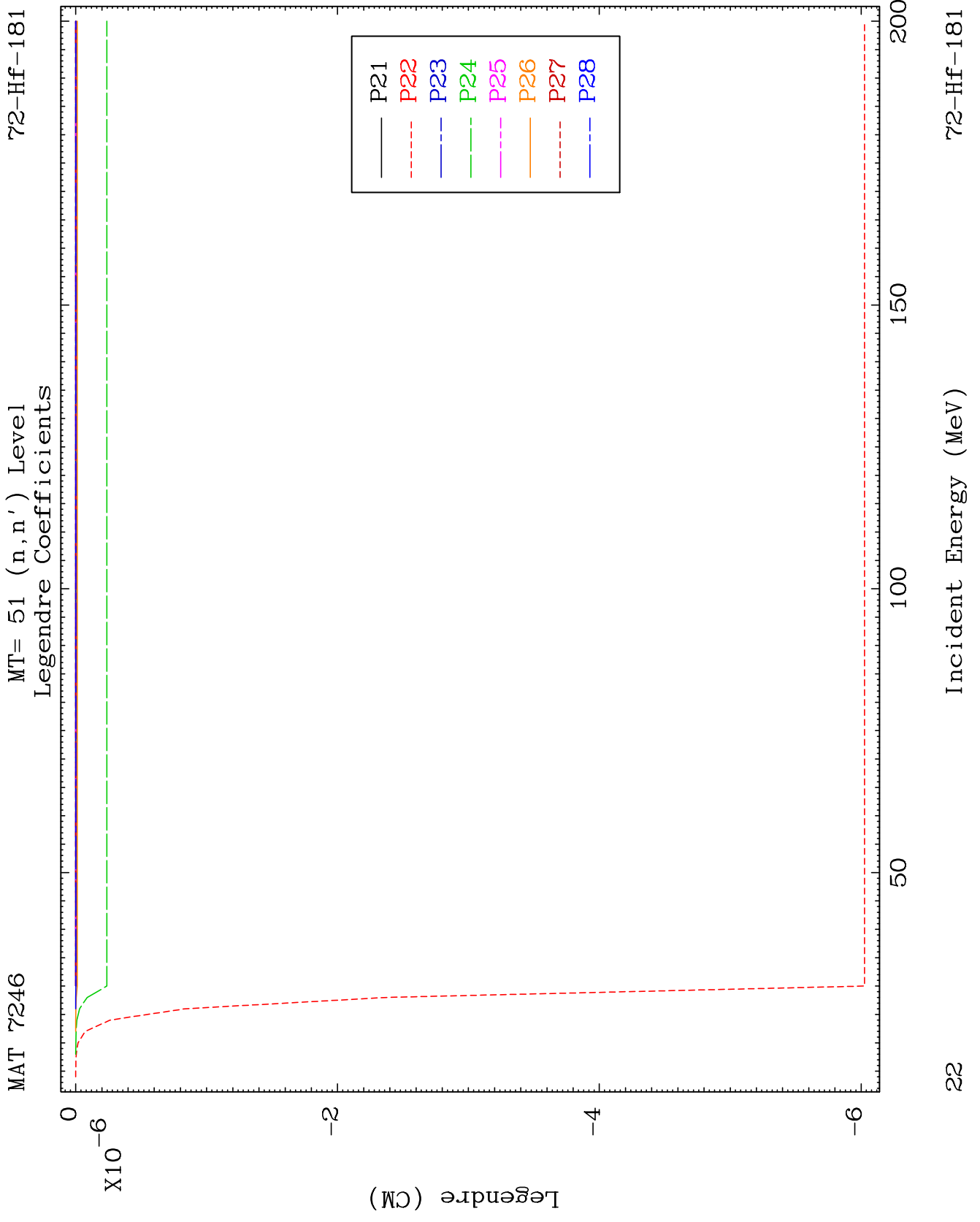
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21

Incident Energy (MeV)

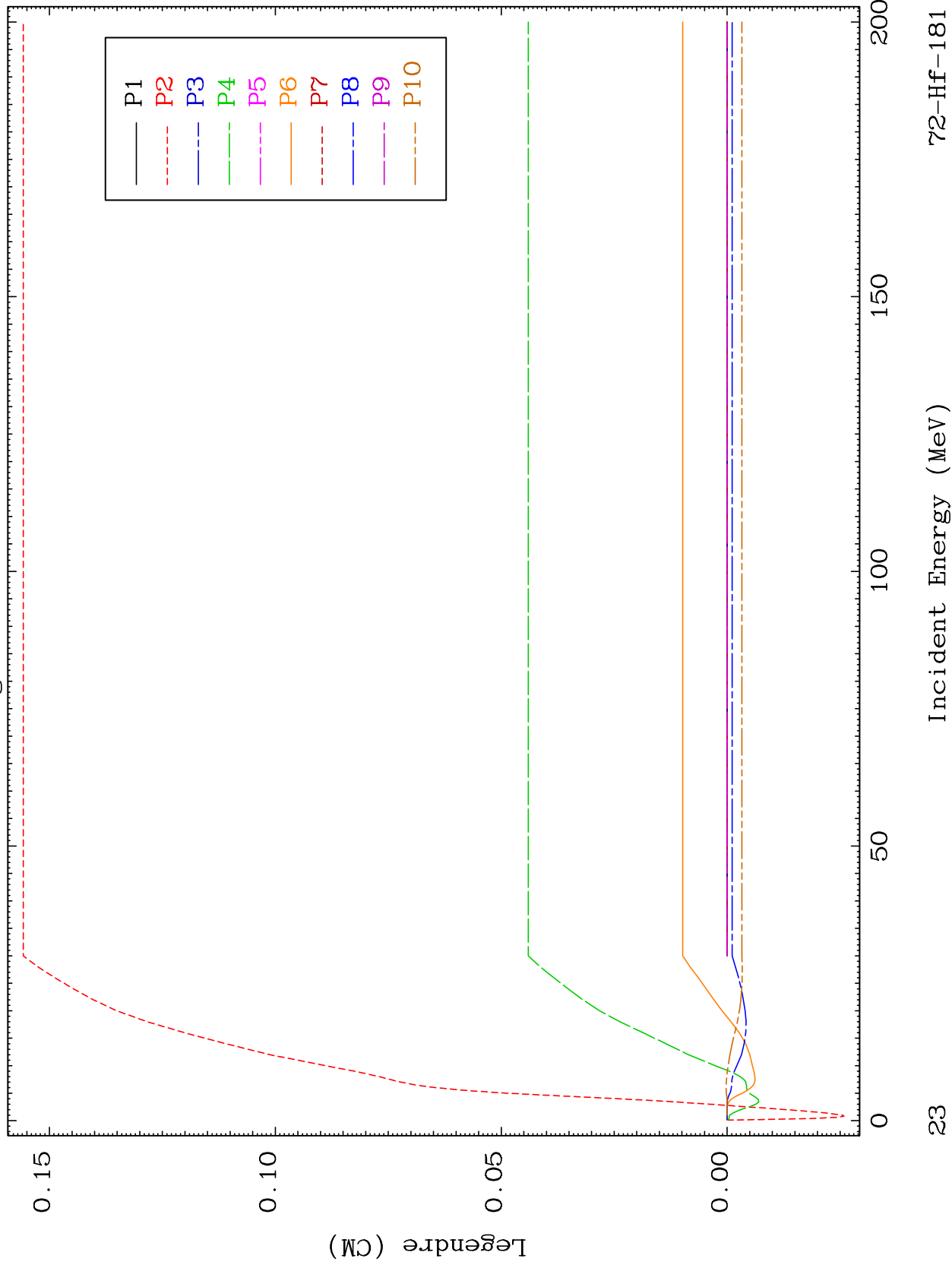
72-Hf-181



MAT 7246

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

72-Hf-181

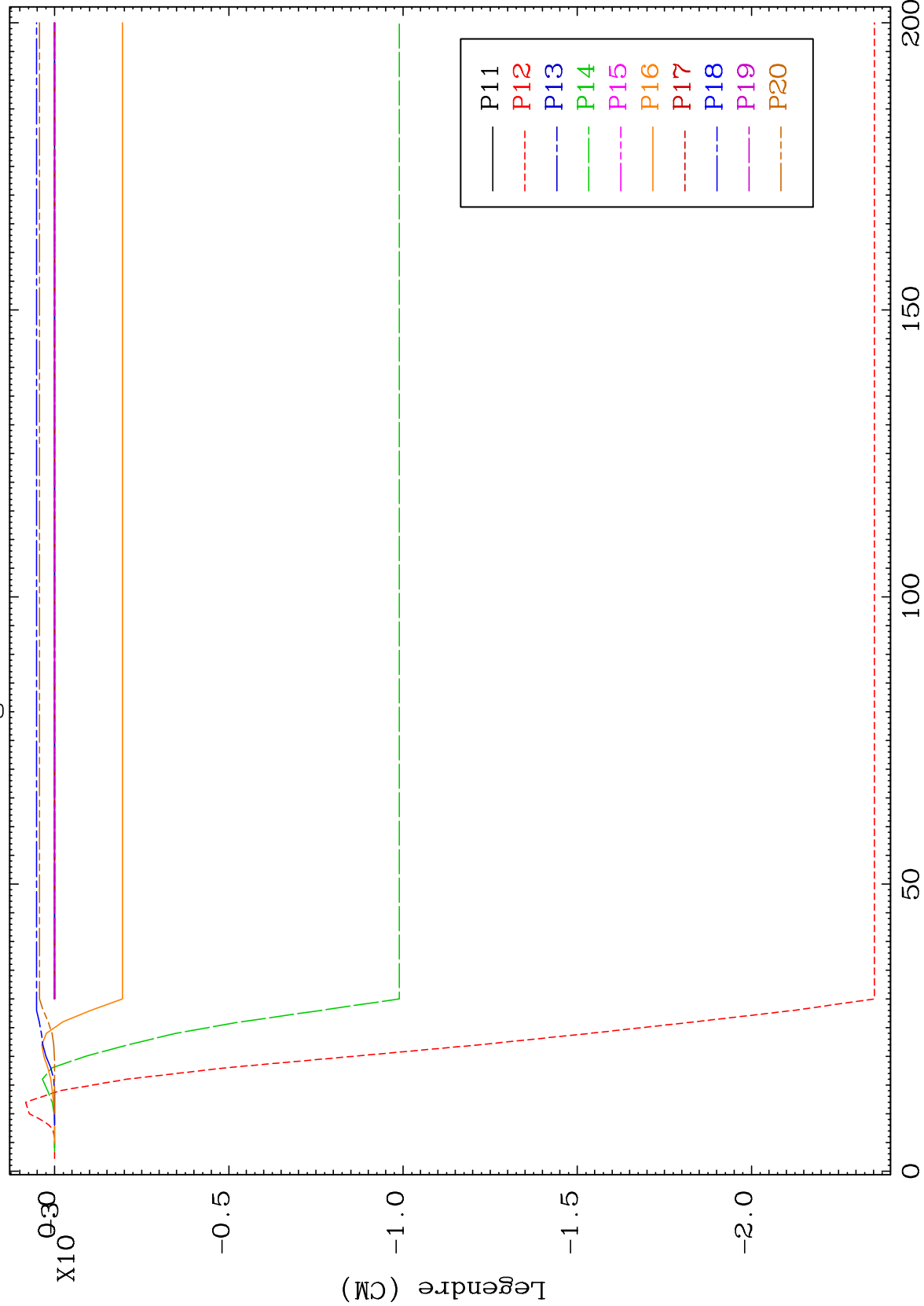


23

MAT 7246

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

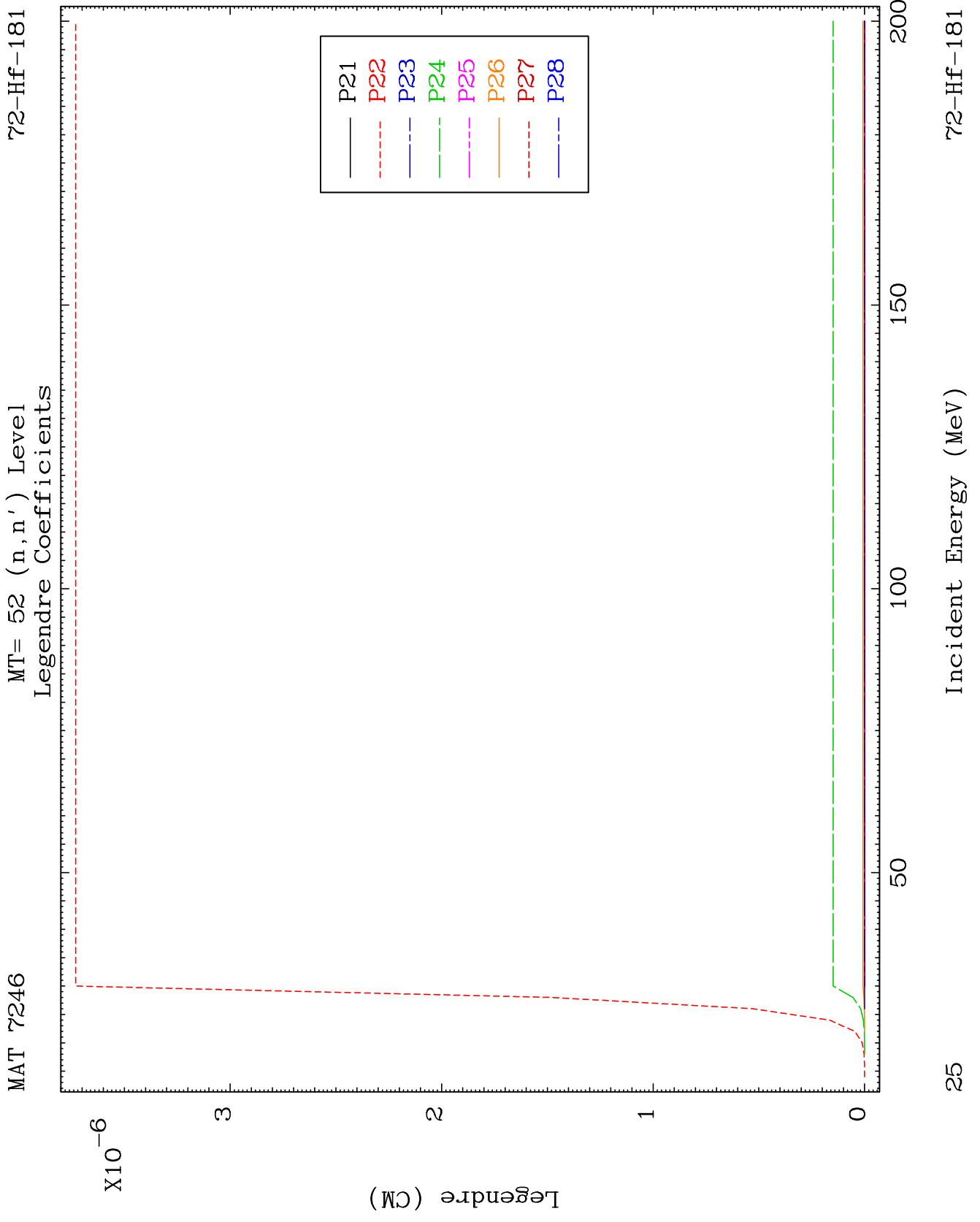
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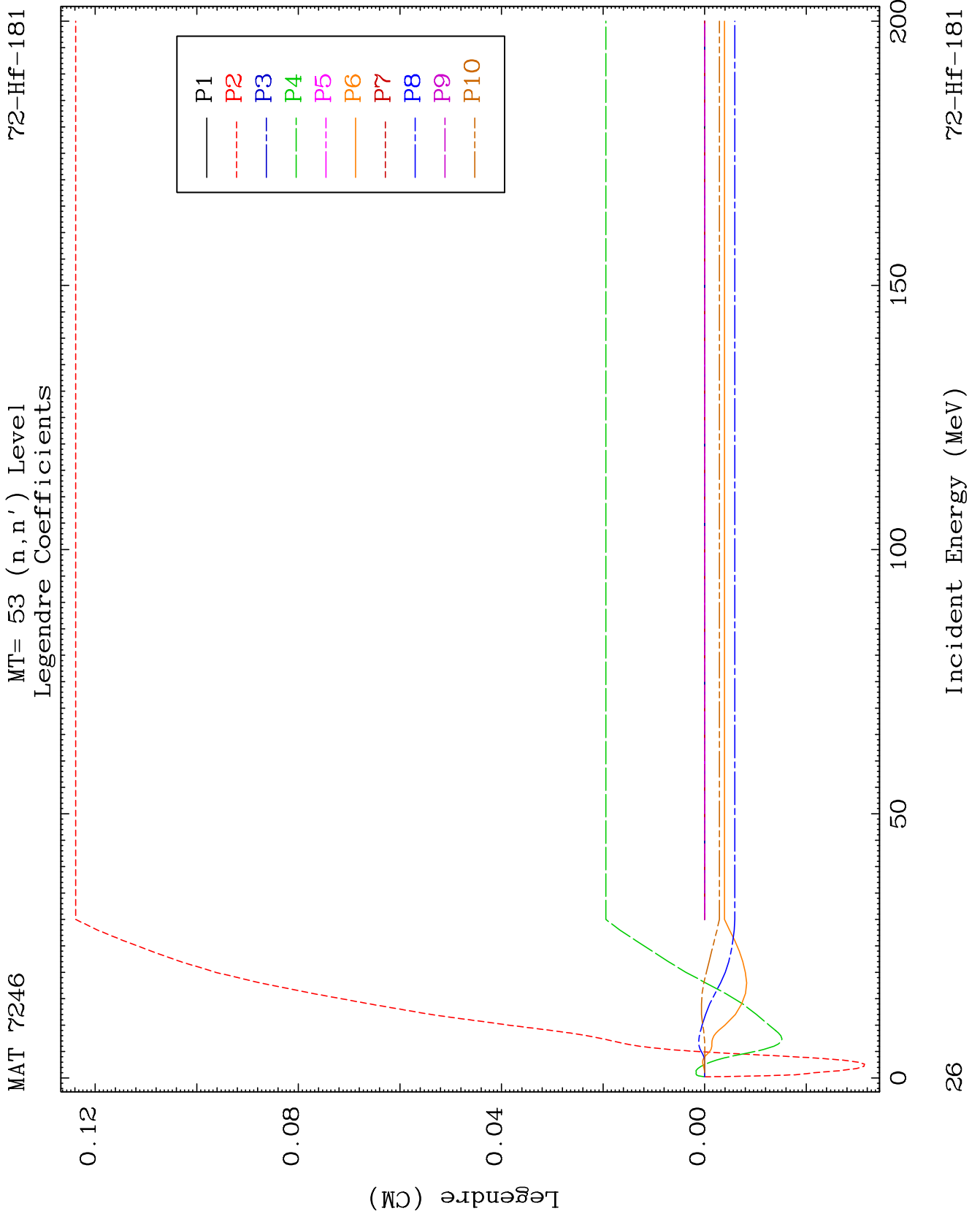


24

Incident Energy (MeV)

72-Hf-181

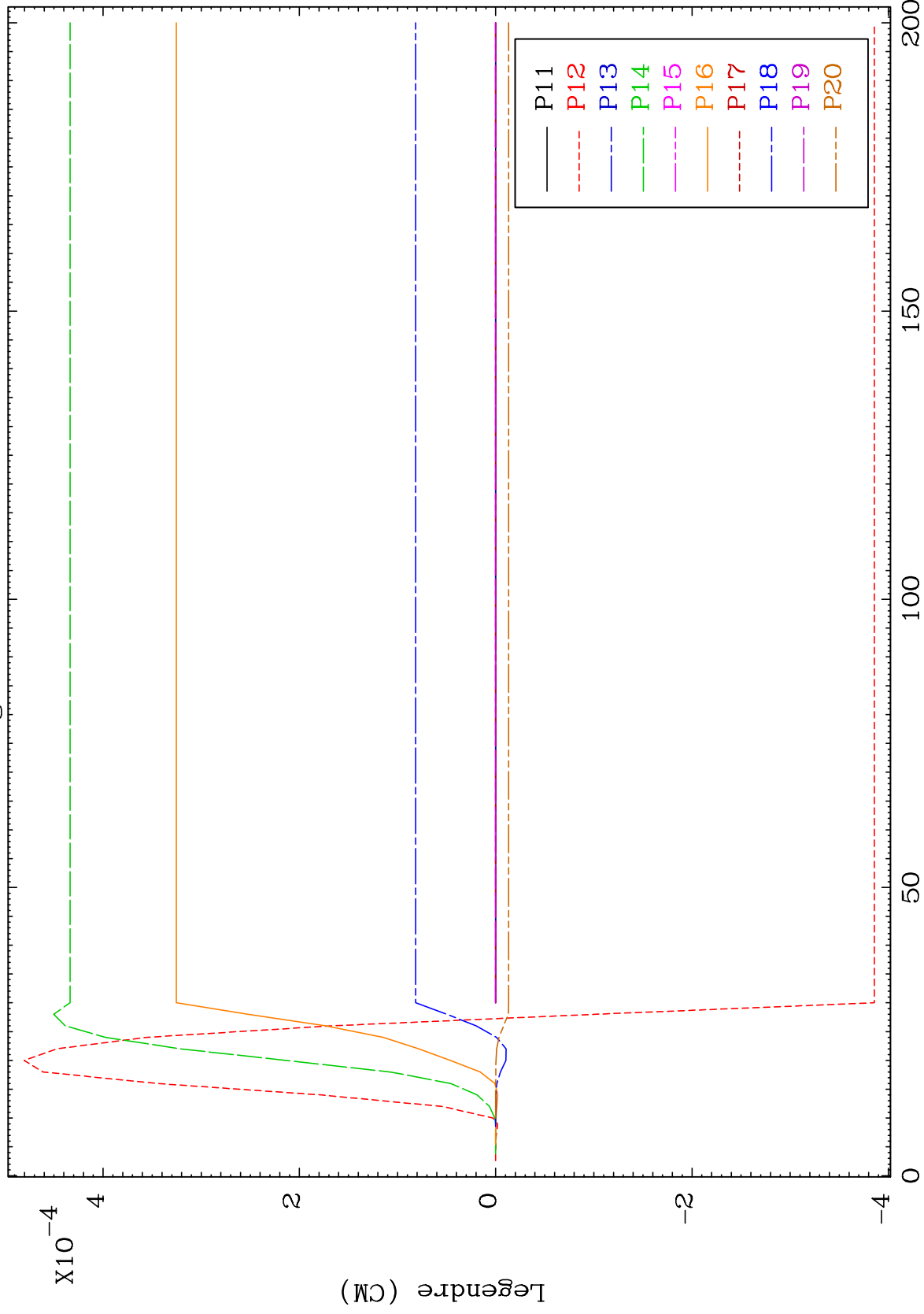




MAT 7246

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

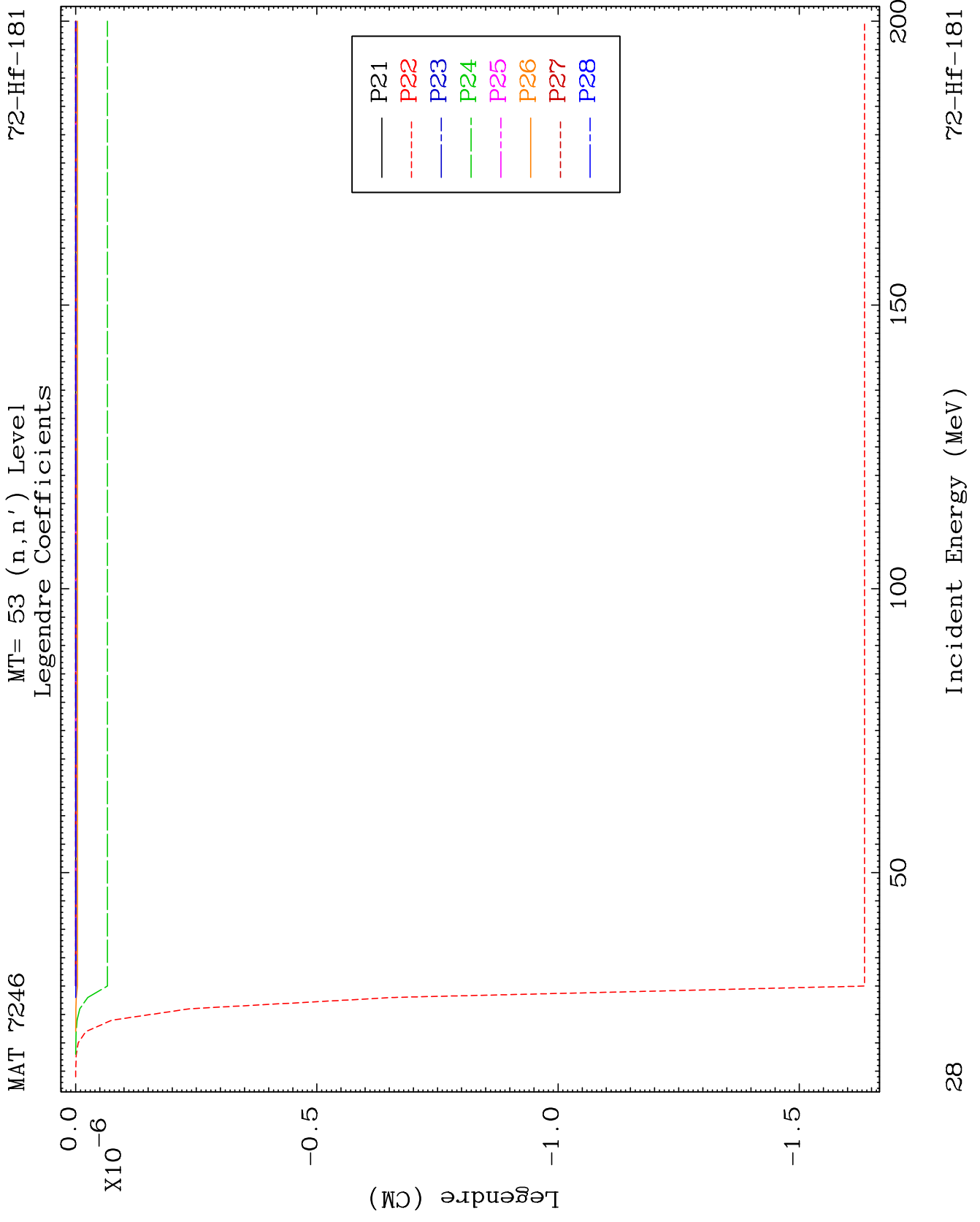
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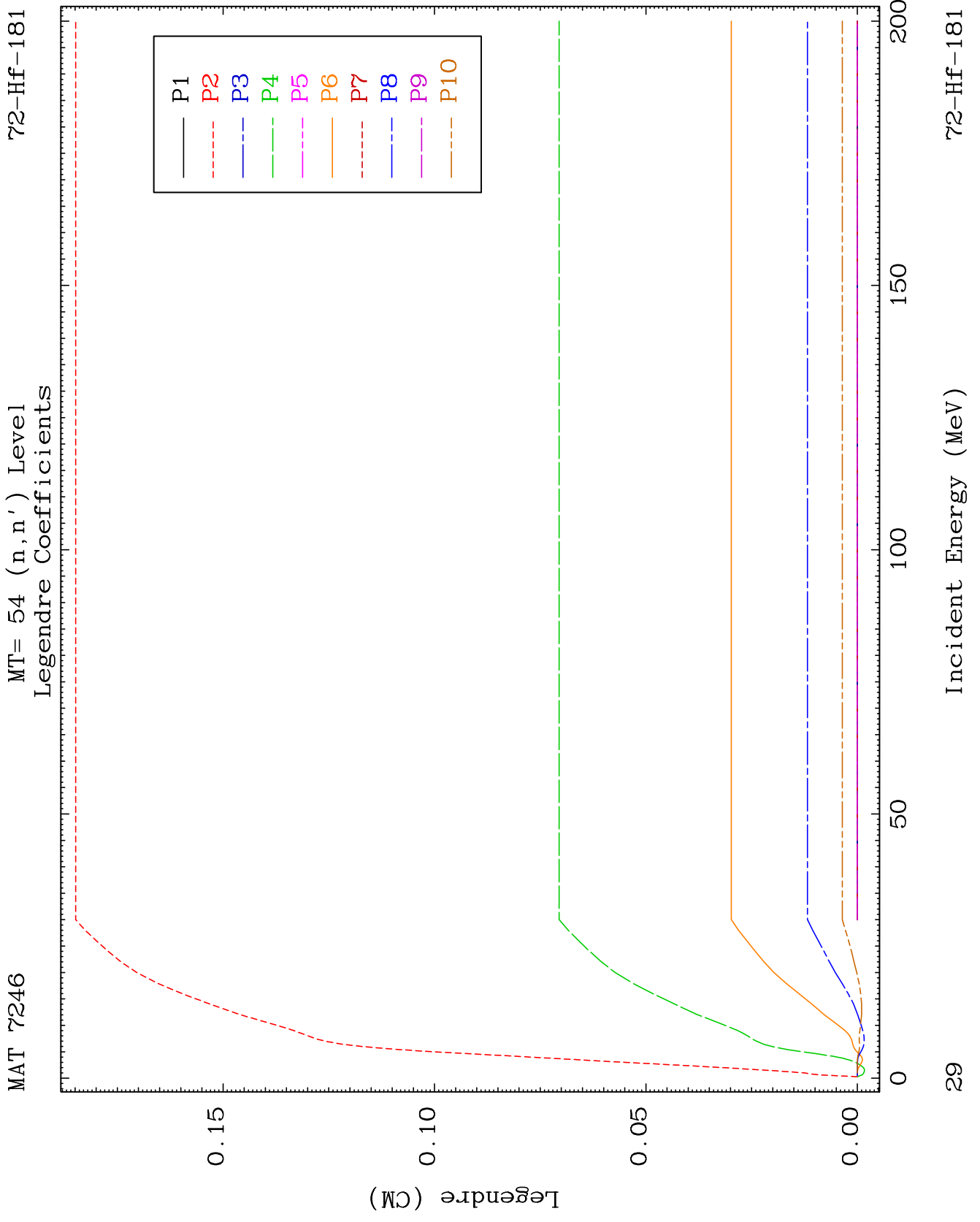


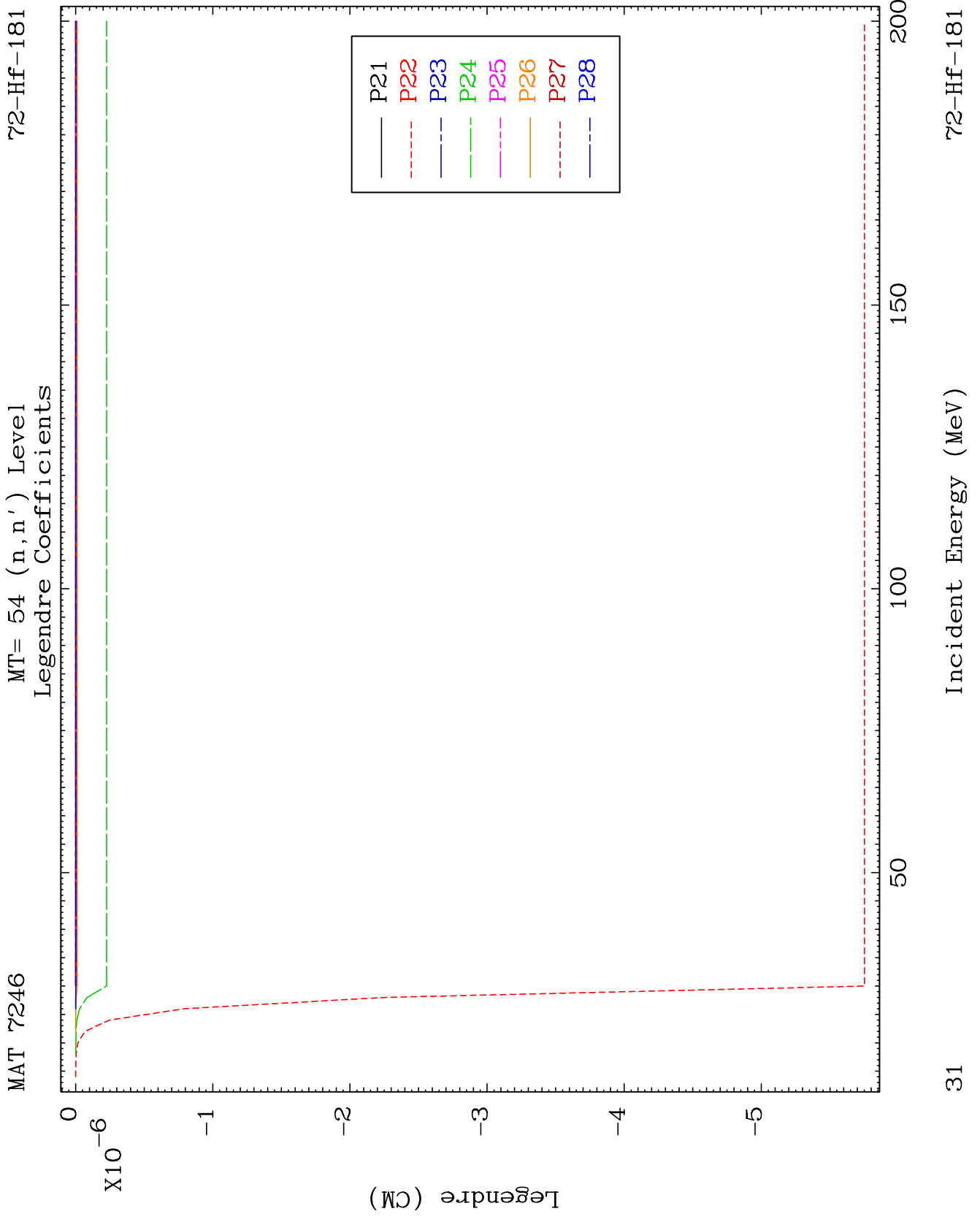
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Incident Energy (MeV)

72-Hf-181



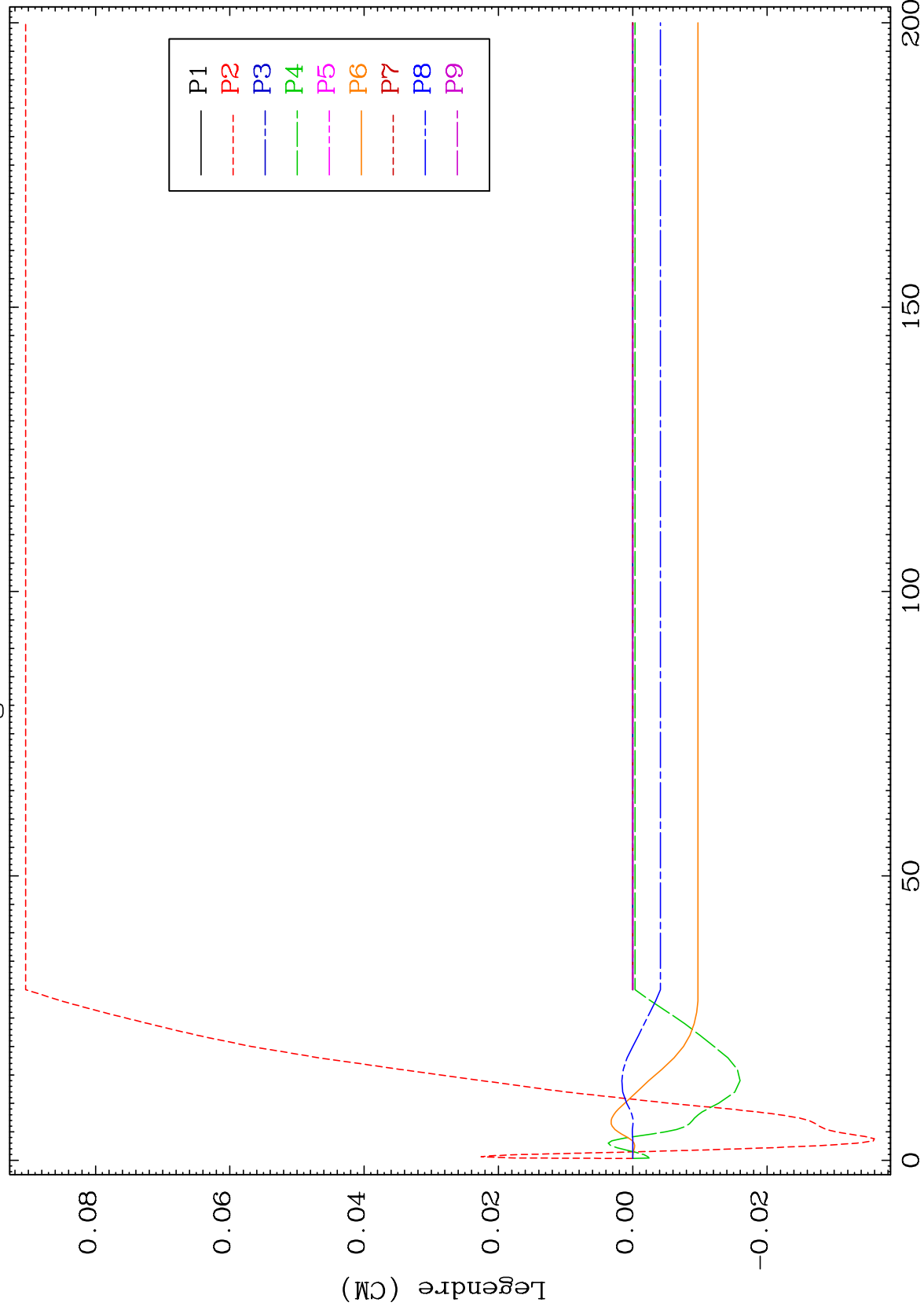




MAT 7246

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

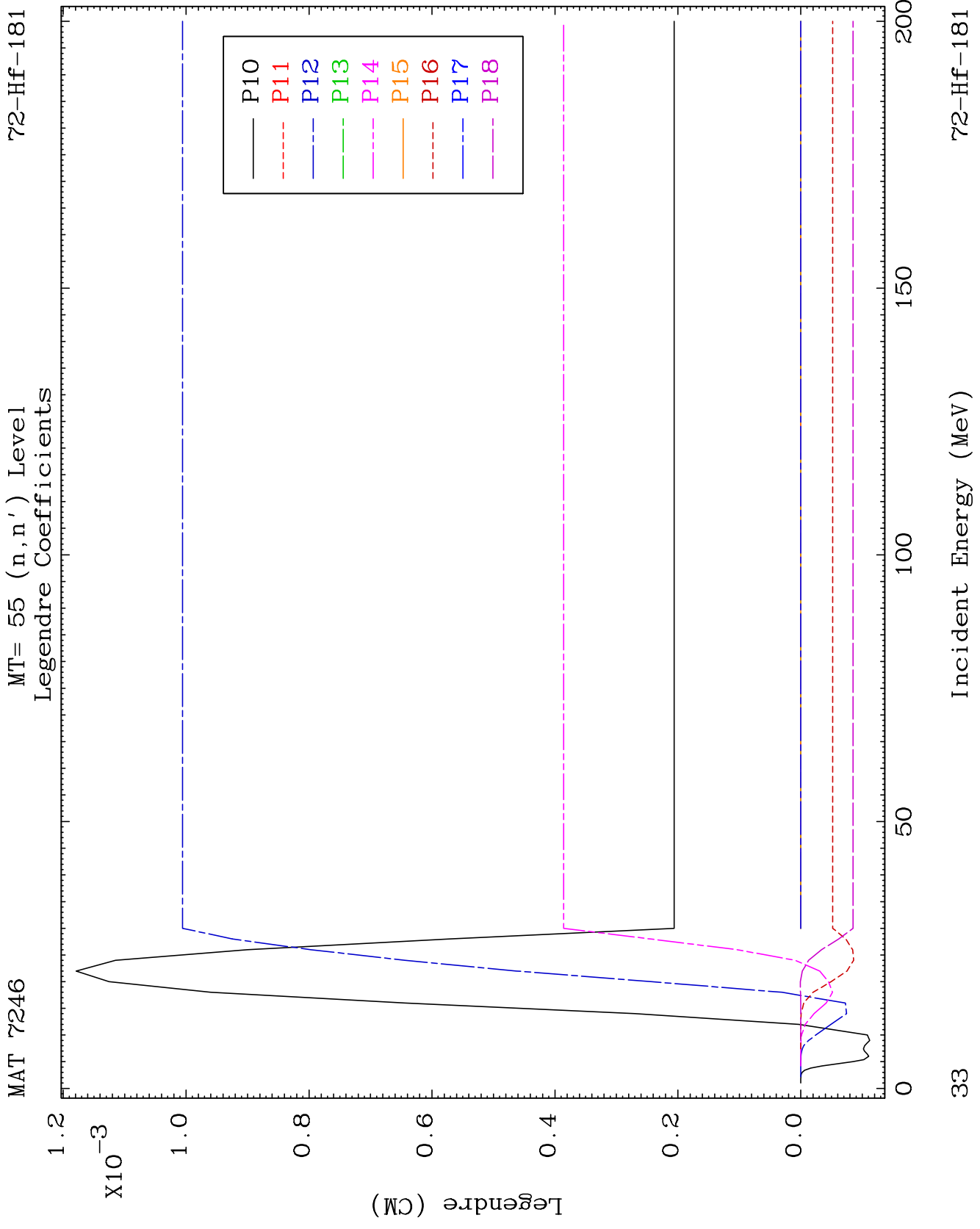
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32

Incident Energy (MeV)

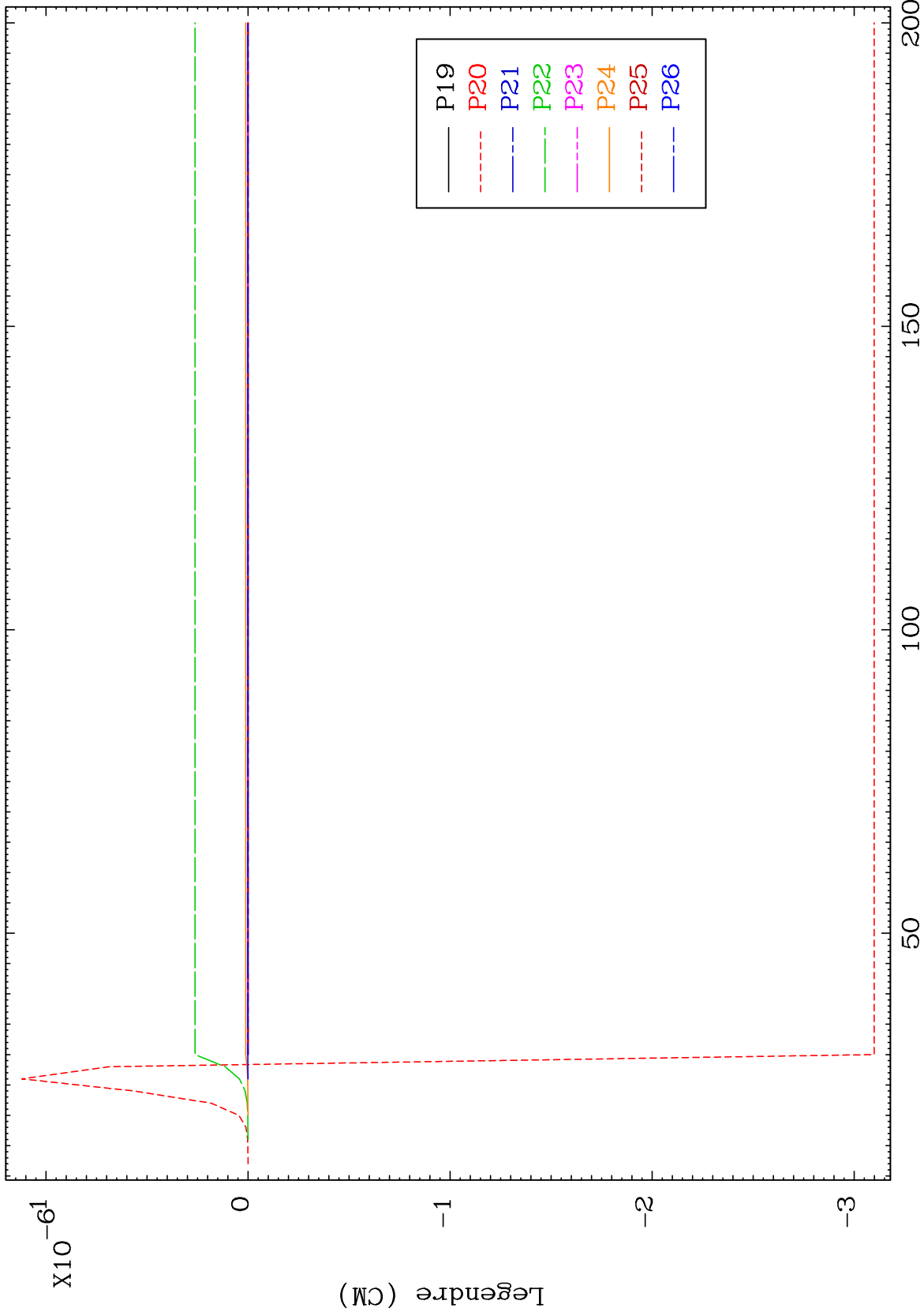
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MAT 7246

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

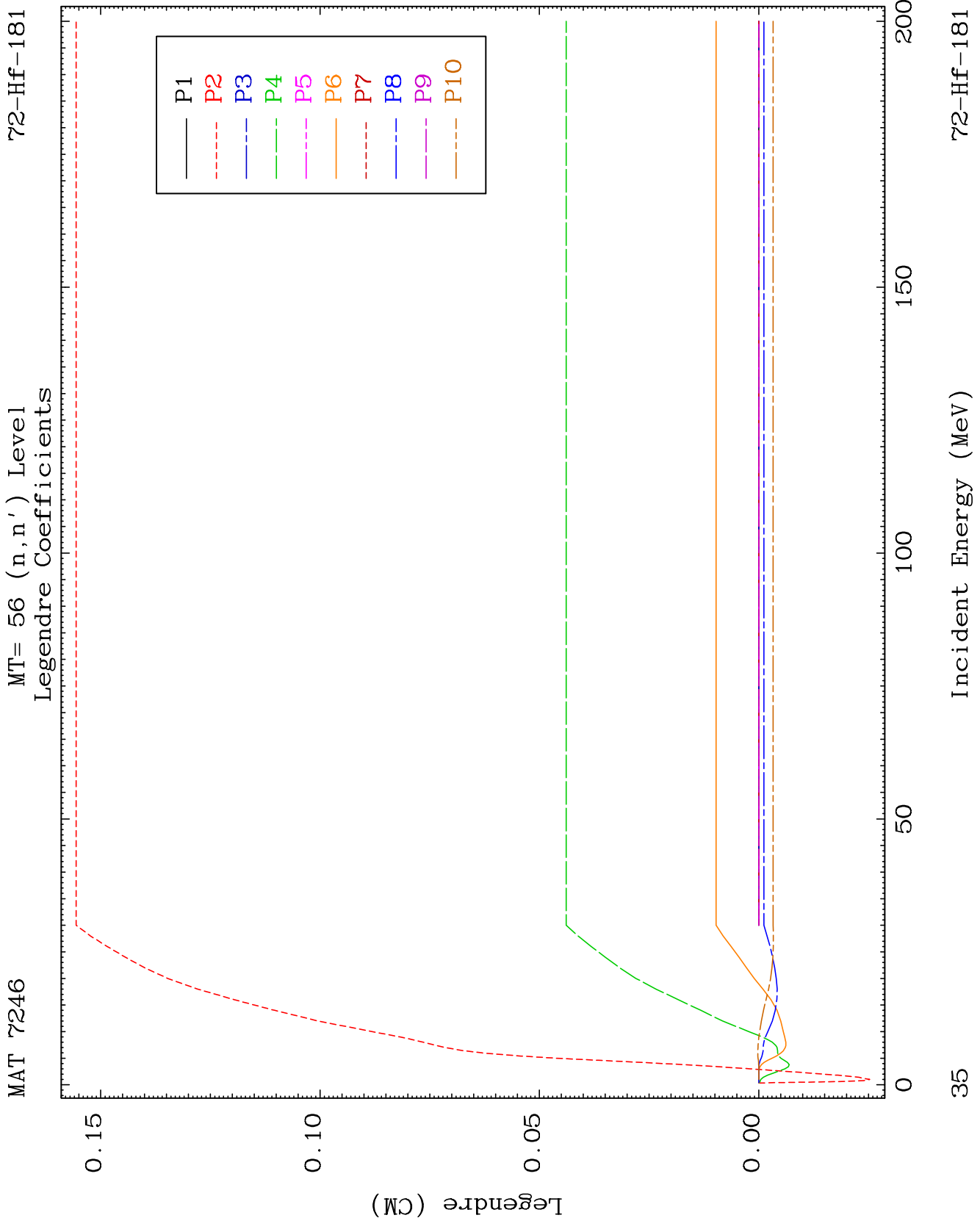
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34

Incident Energy (MeV)

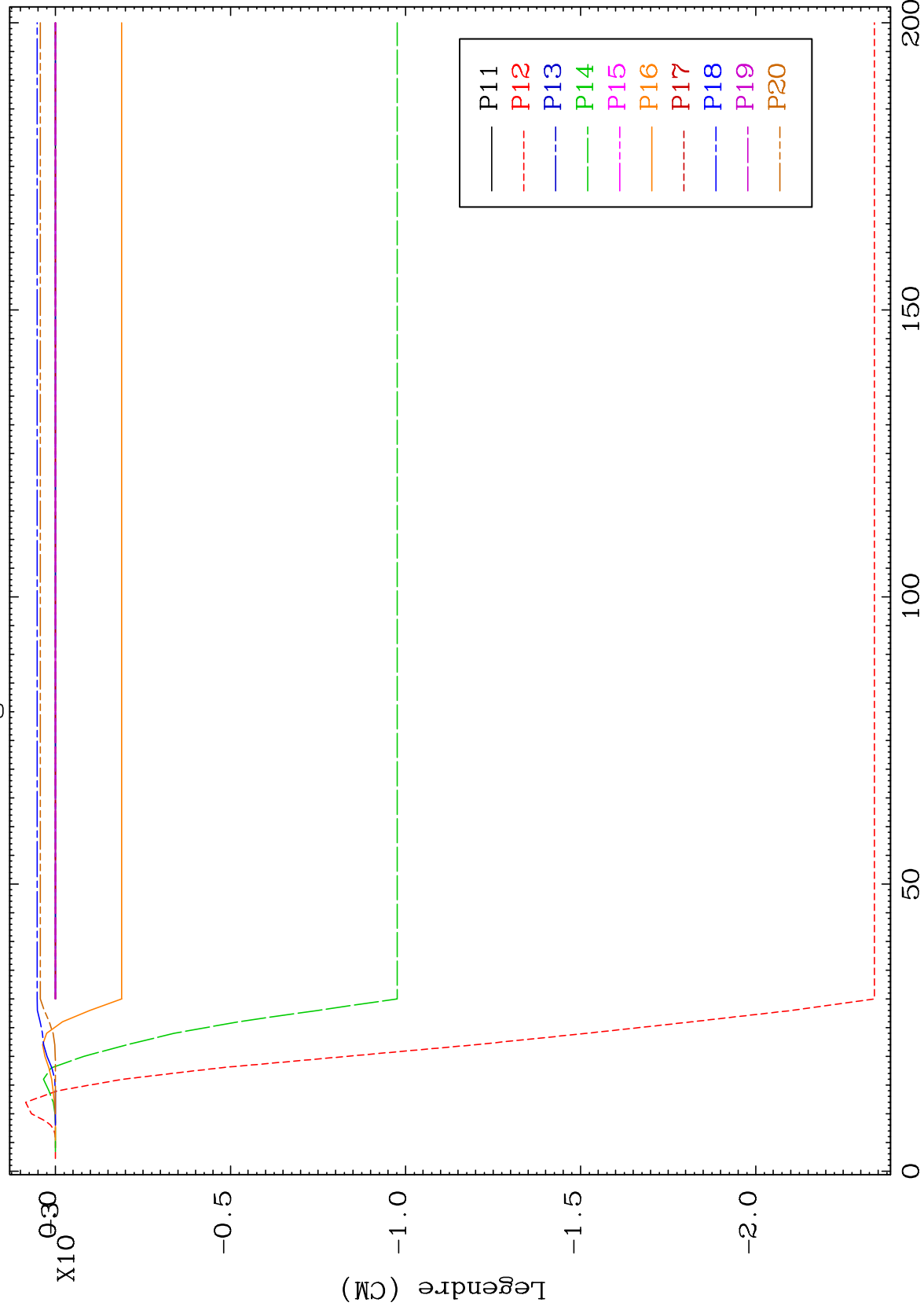
72-Hf-181



MAT 7246

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

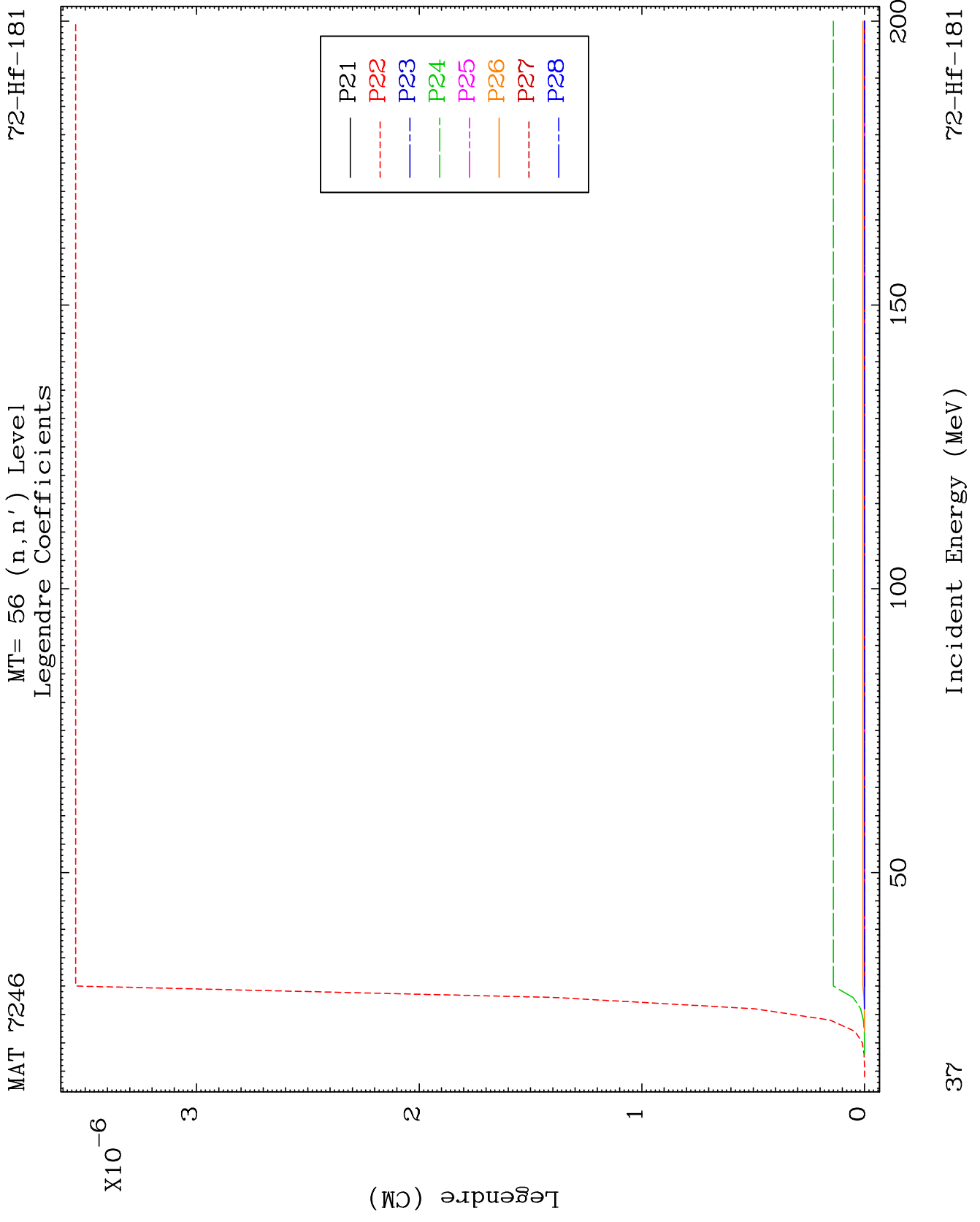
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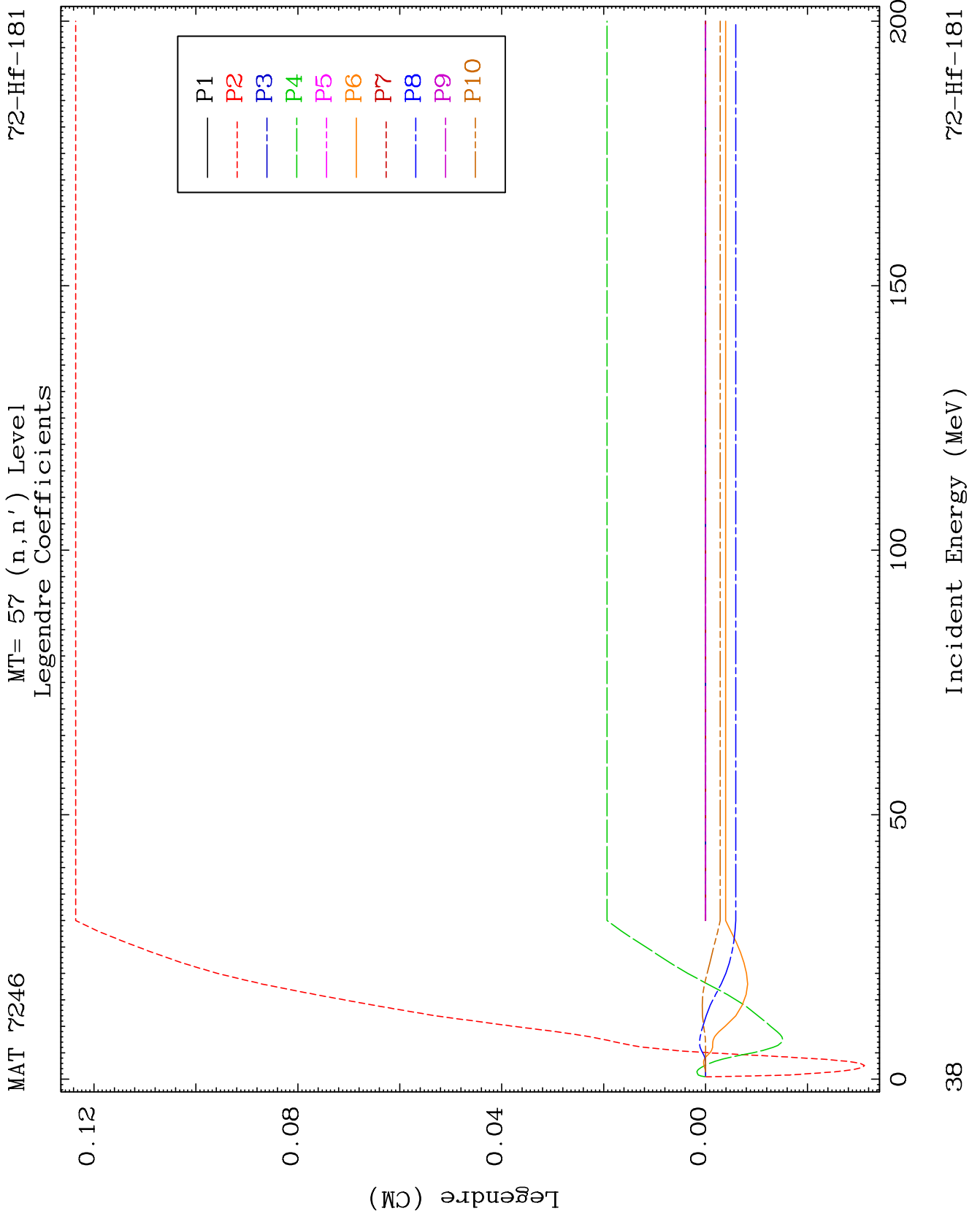


36

Incident Energy (MeV)

72-Hf-181

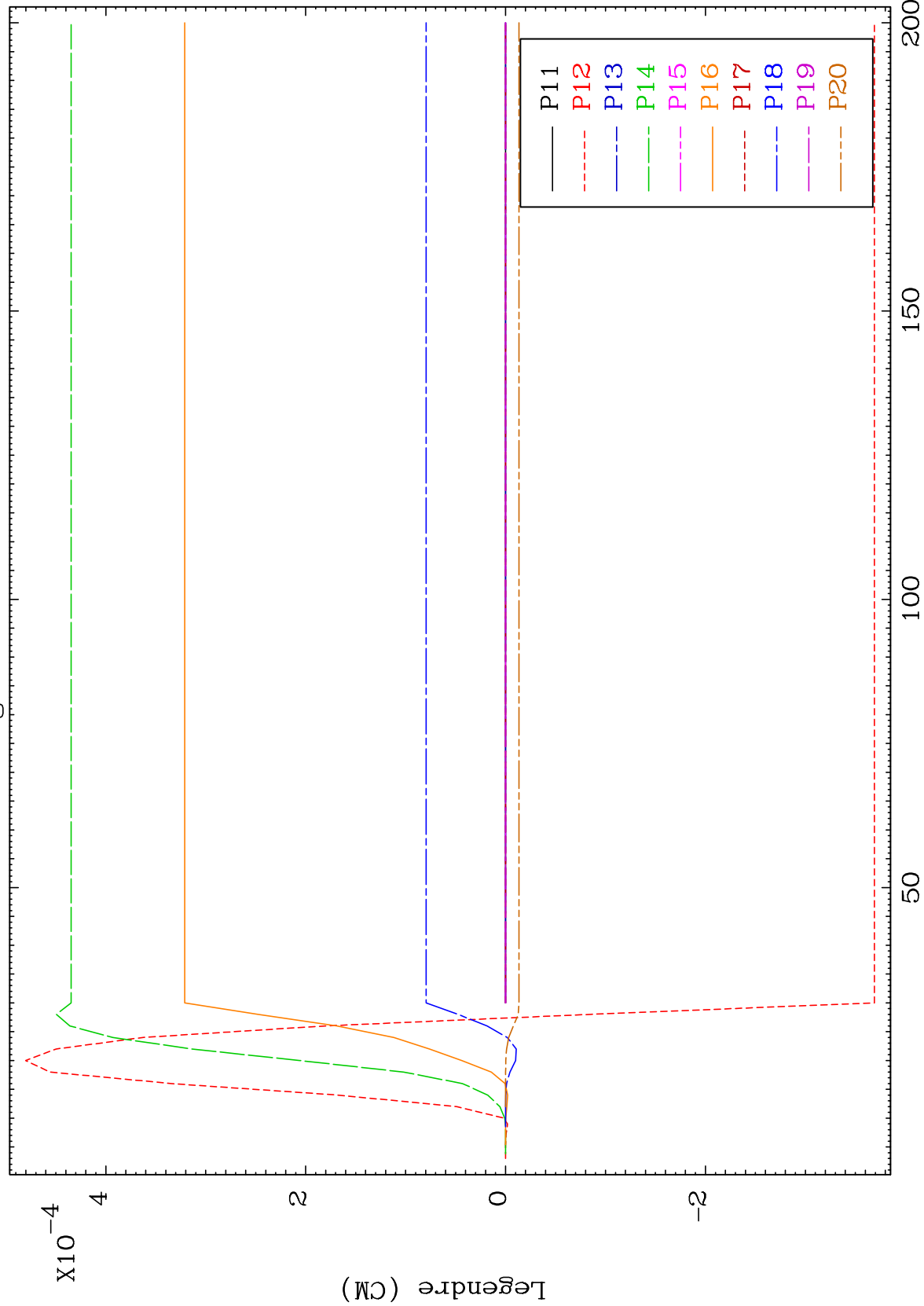




MAT 7246

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

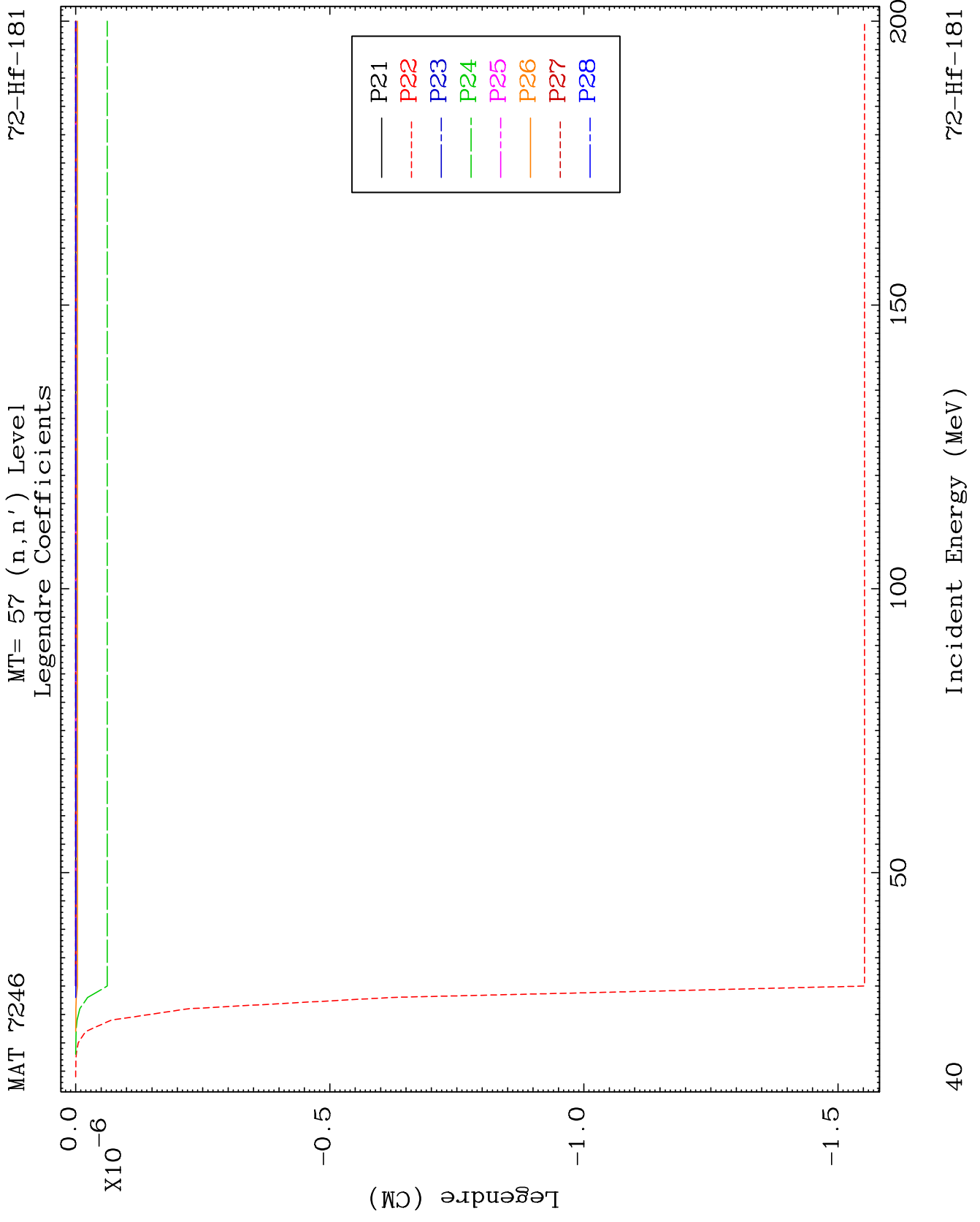
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39

Incident Energy (MeV)

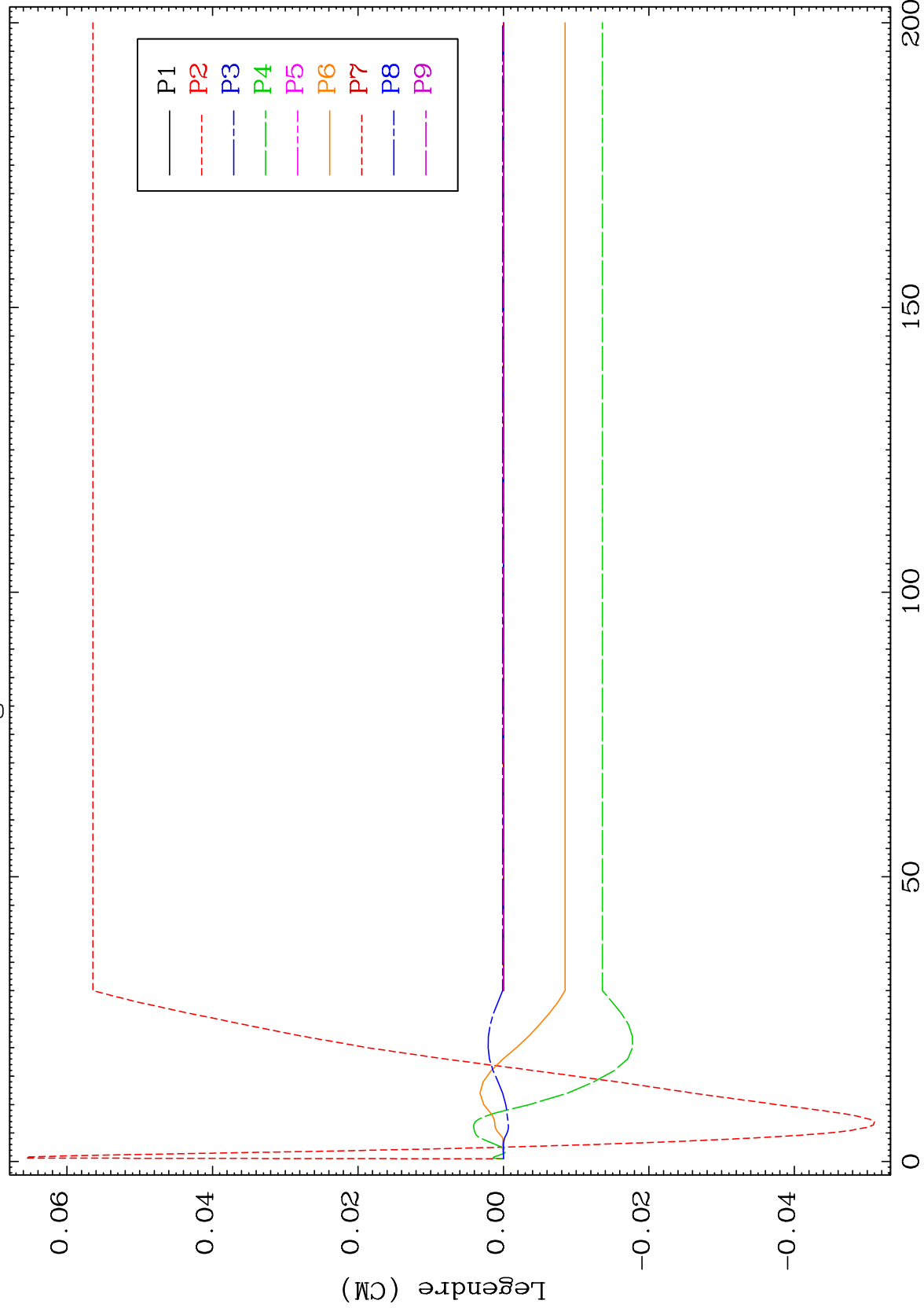
72-Hf-181



MAT 7246

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

72-Hf-181



41

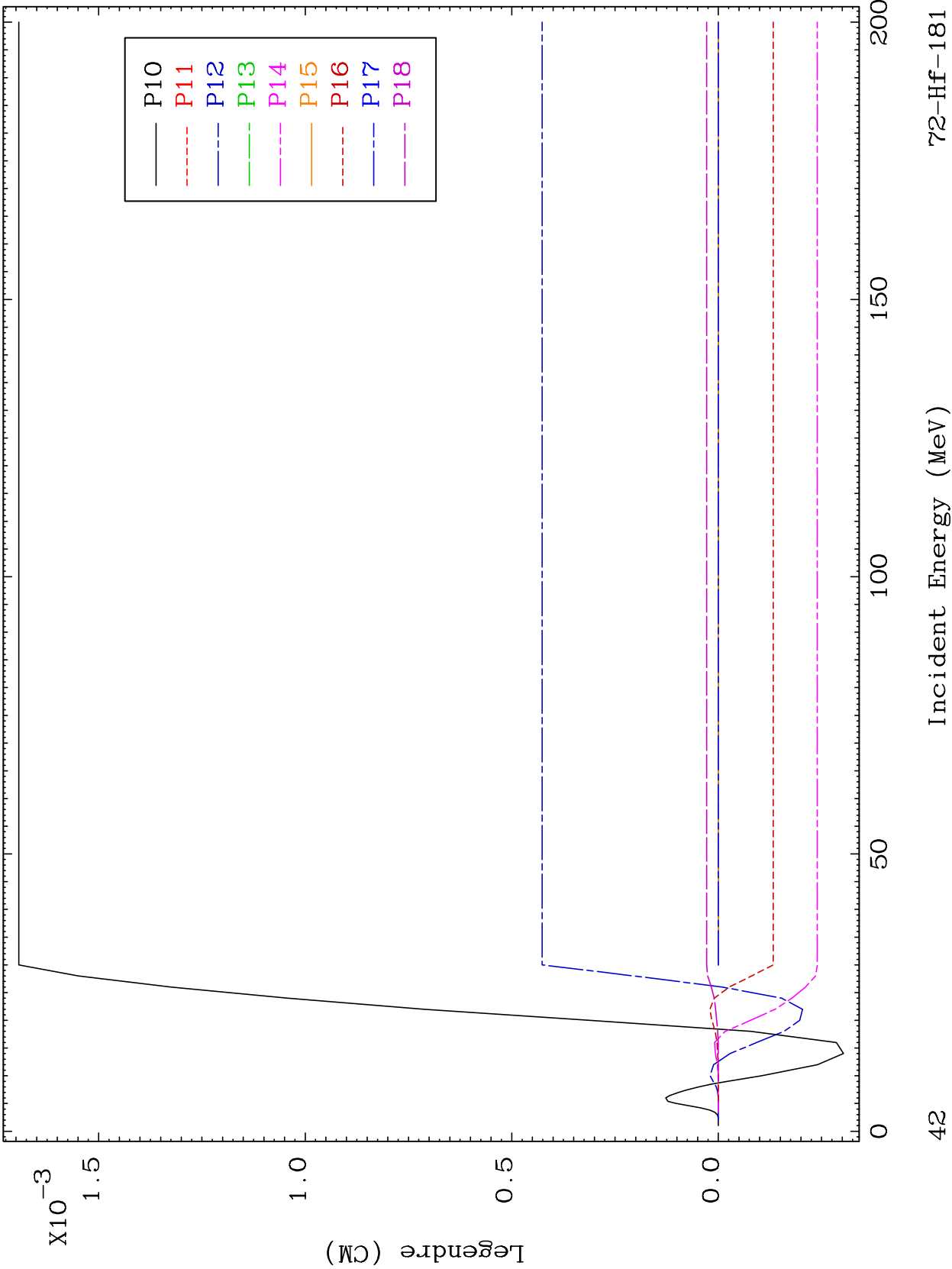
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

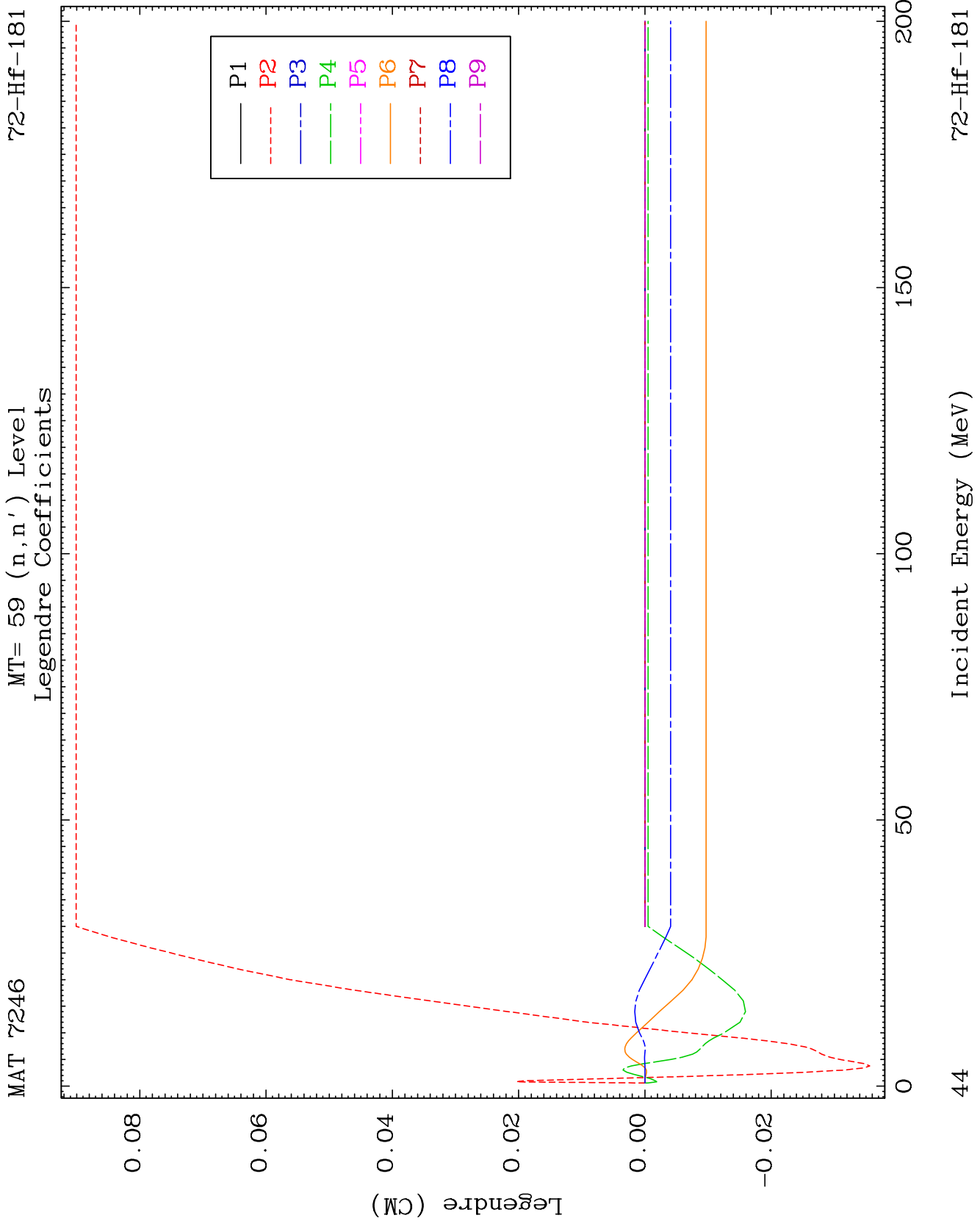
72-Hf-181



72-Hf-181

Incident Energy (MeV)

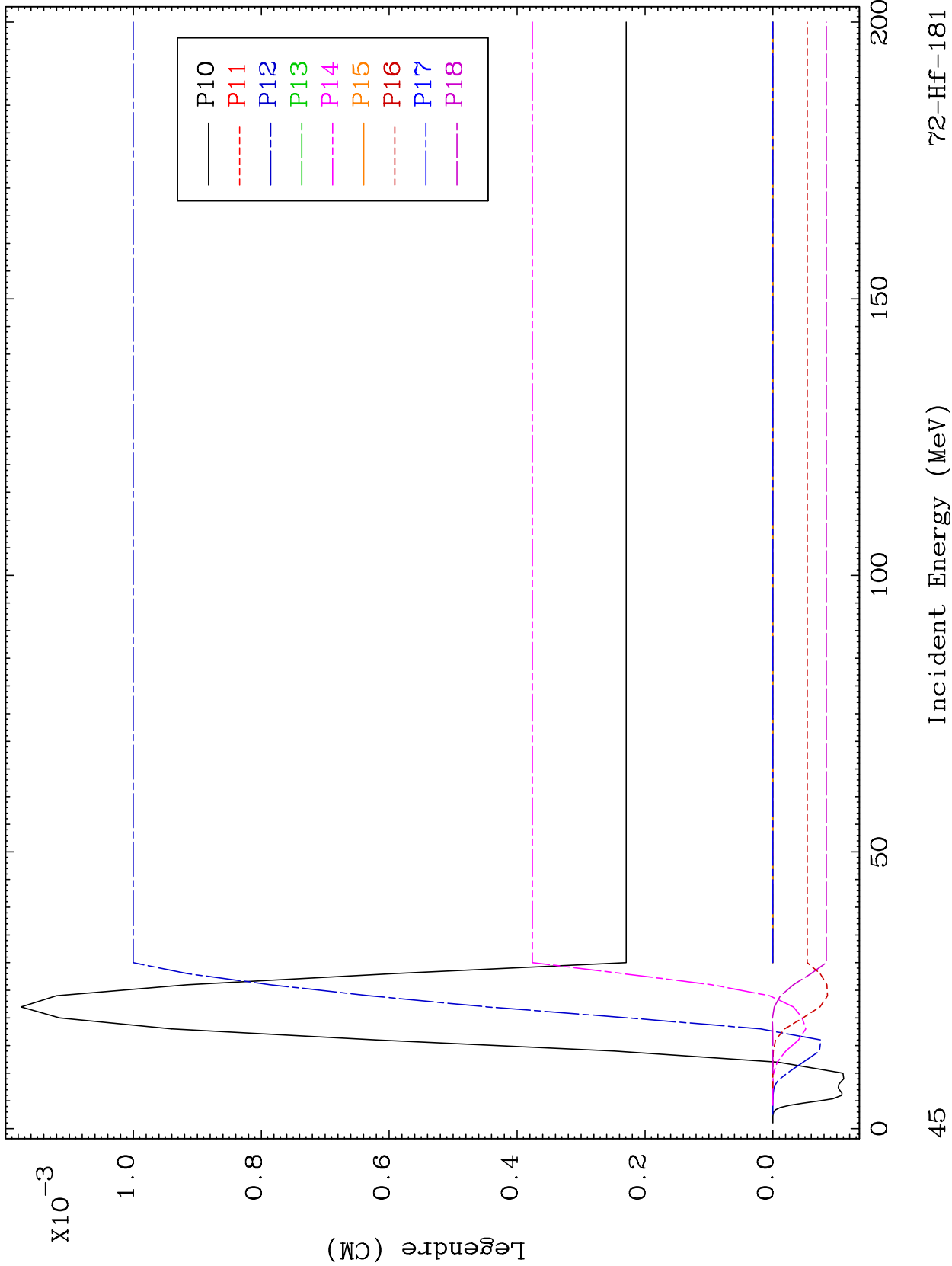
42



MAT 7246

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

72-Hf-181



72-Hf-181

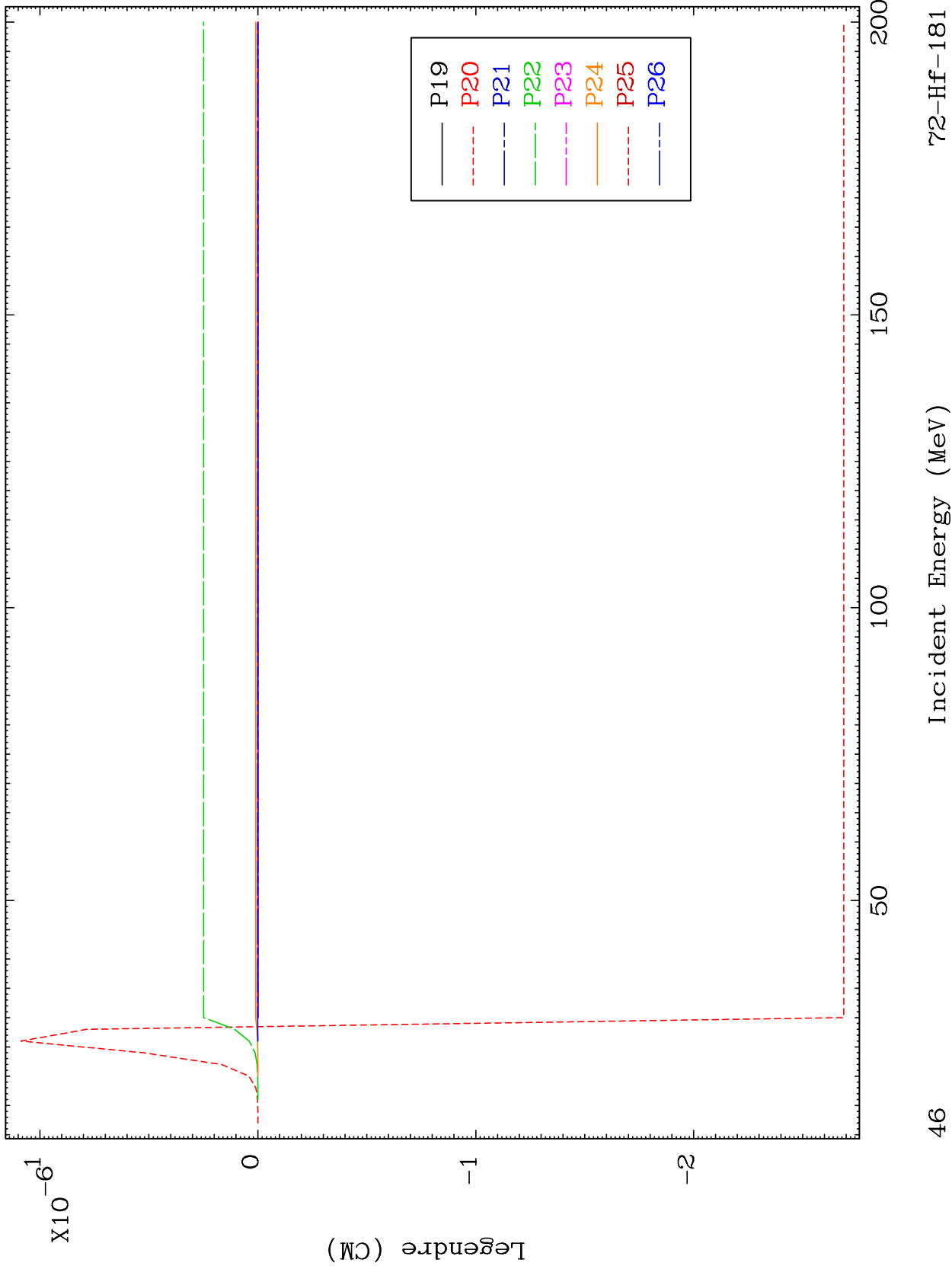
Incident Energy (MeV)

45

MAT 7246

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

72-Hf-181



46

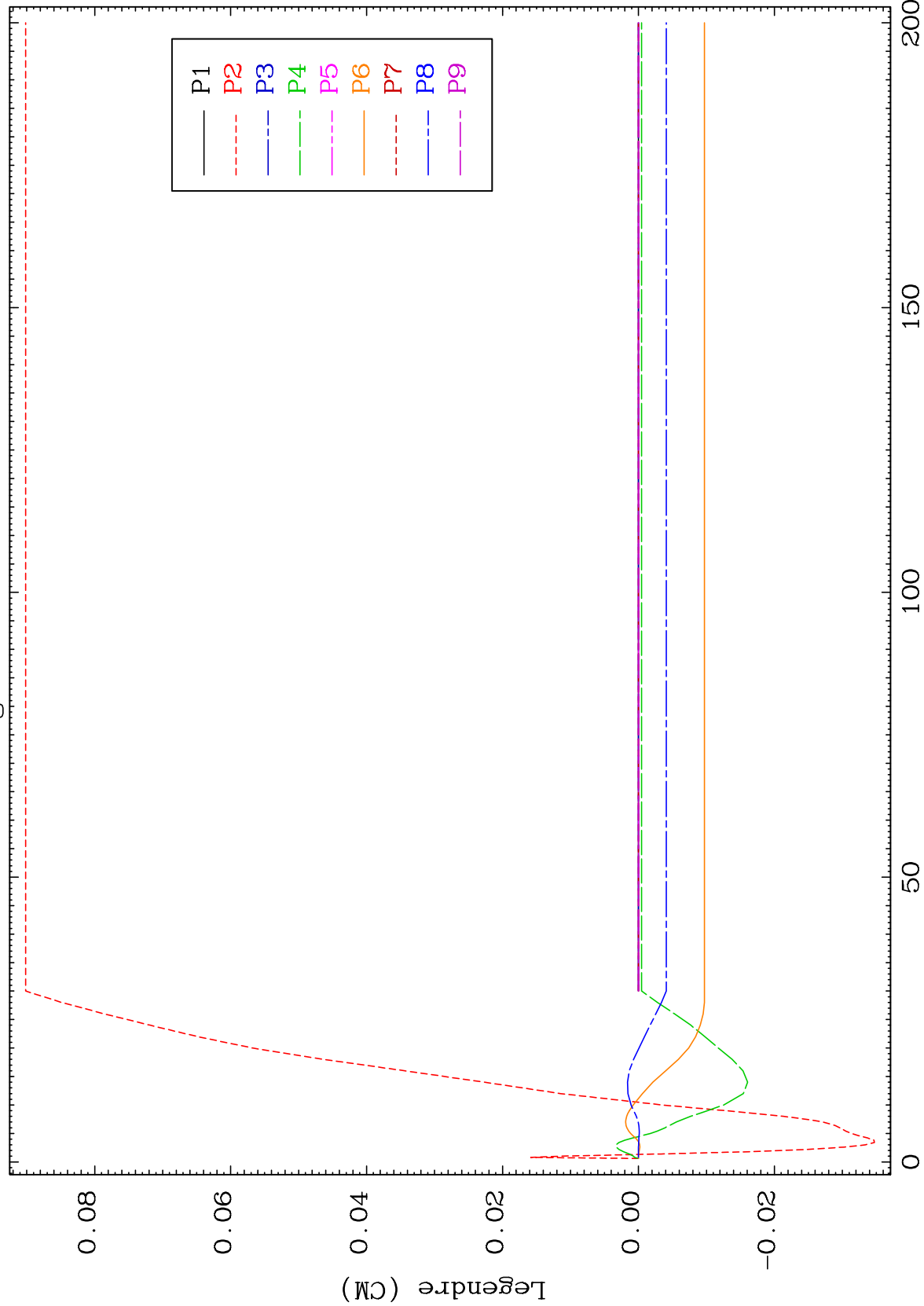
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



47

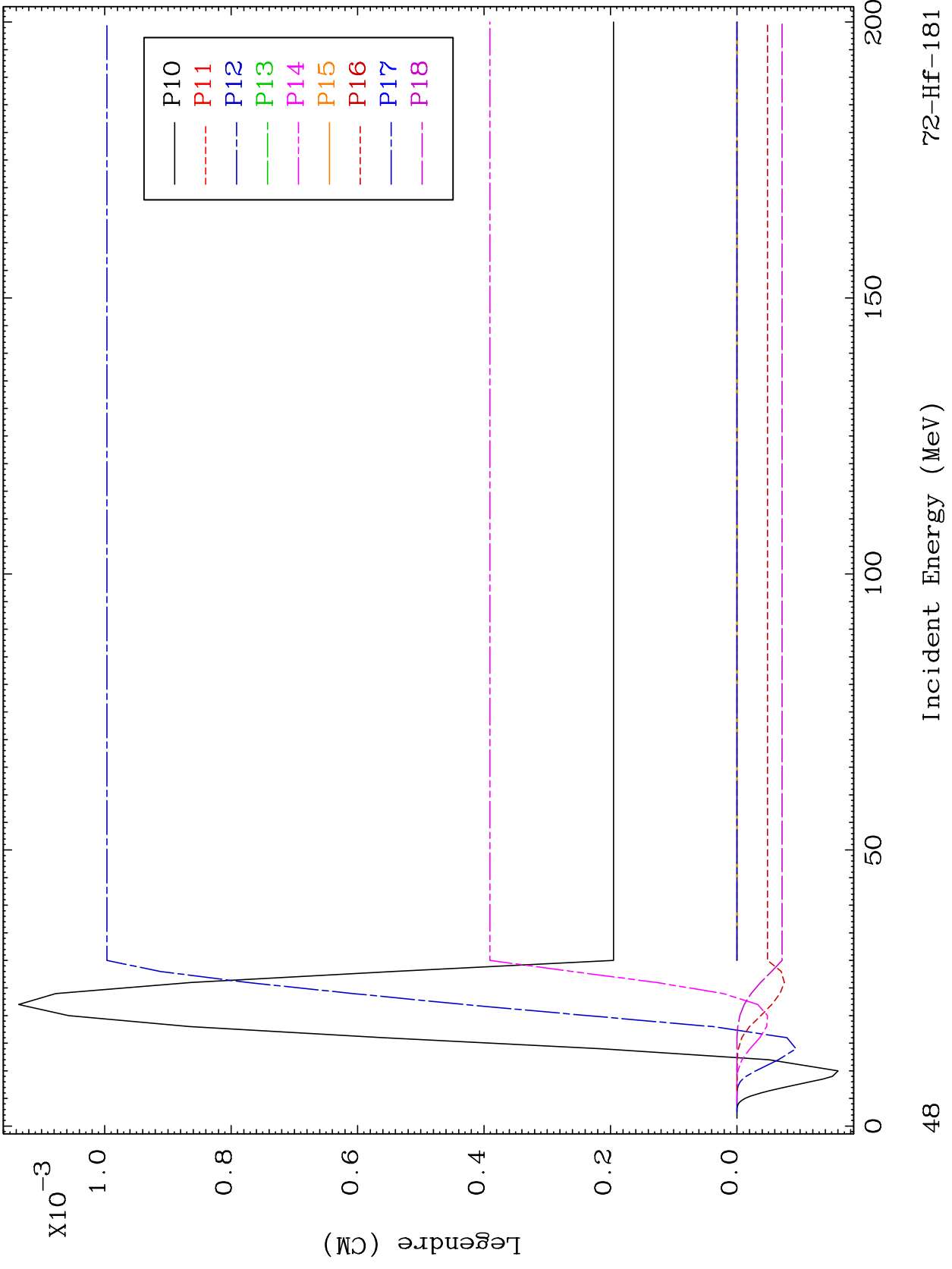
Incident Energy (MeV)

72-Hf-181

MAT 7246

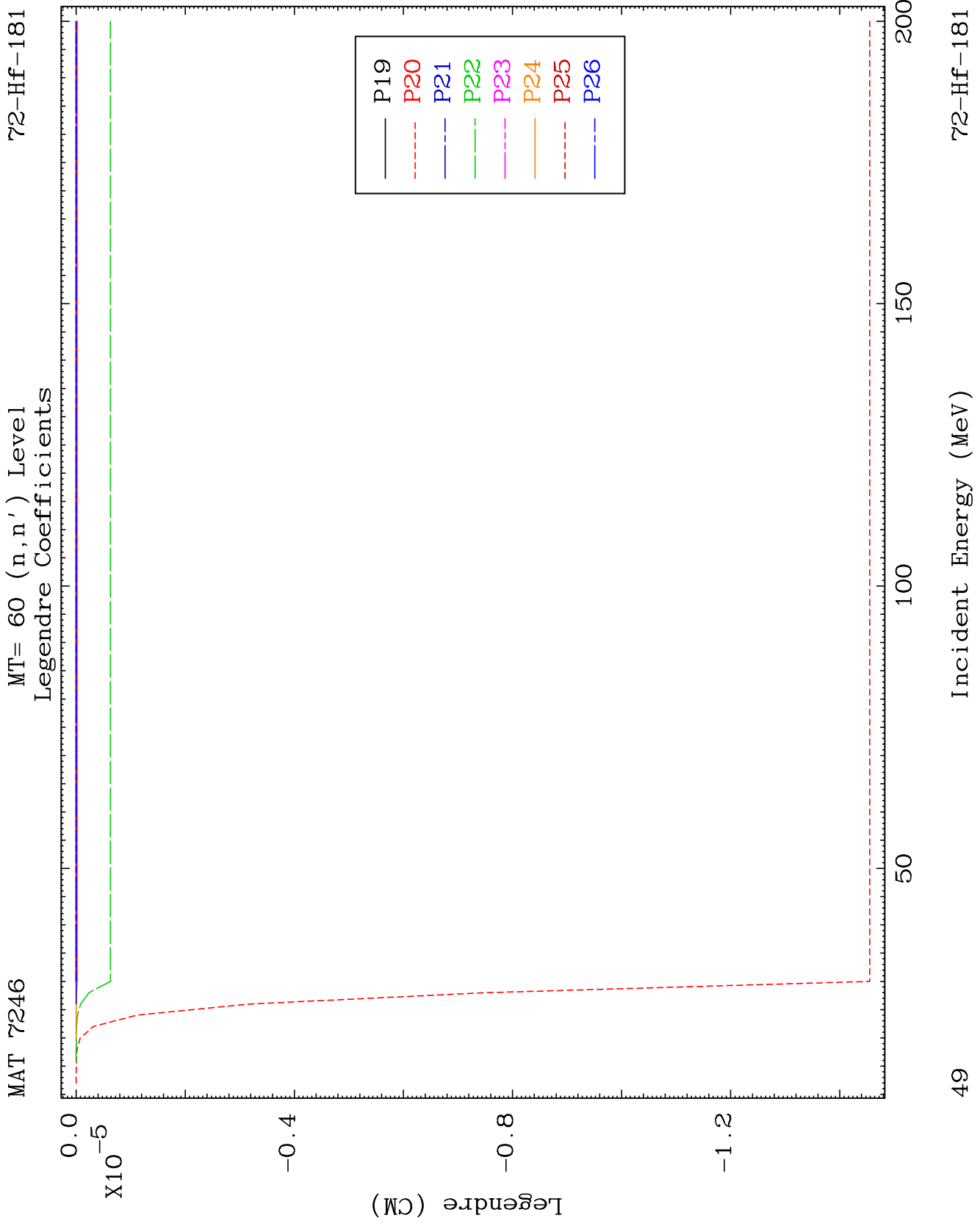
MT= 60 (n,n') Level
Legendre Coefficients

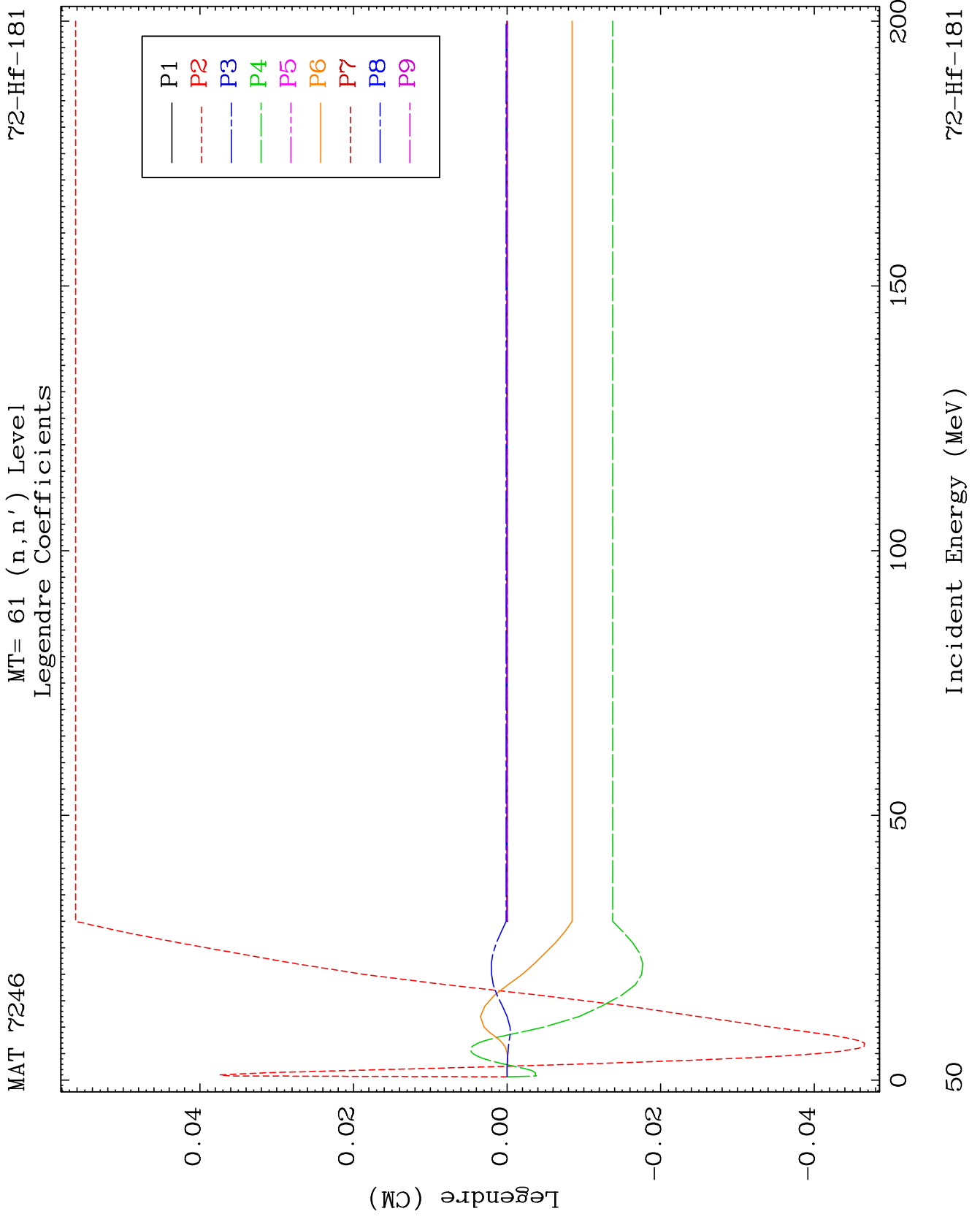
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48

72-Hf-181

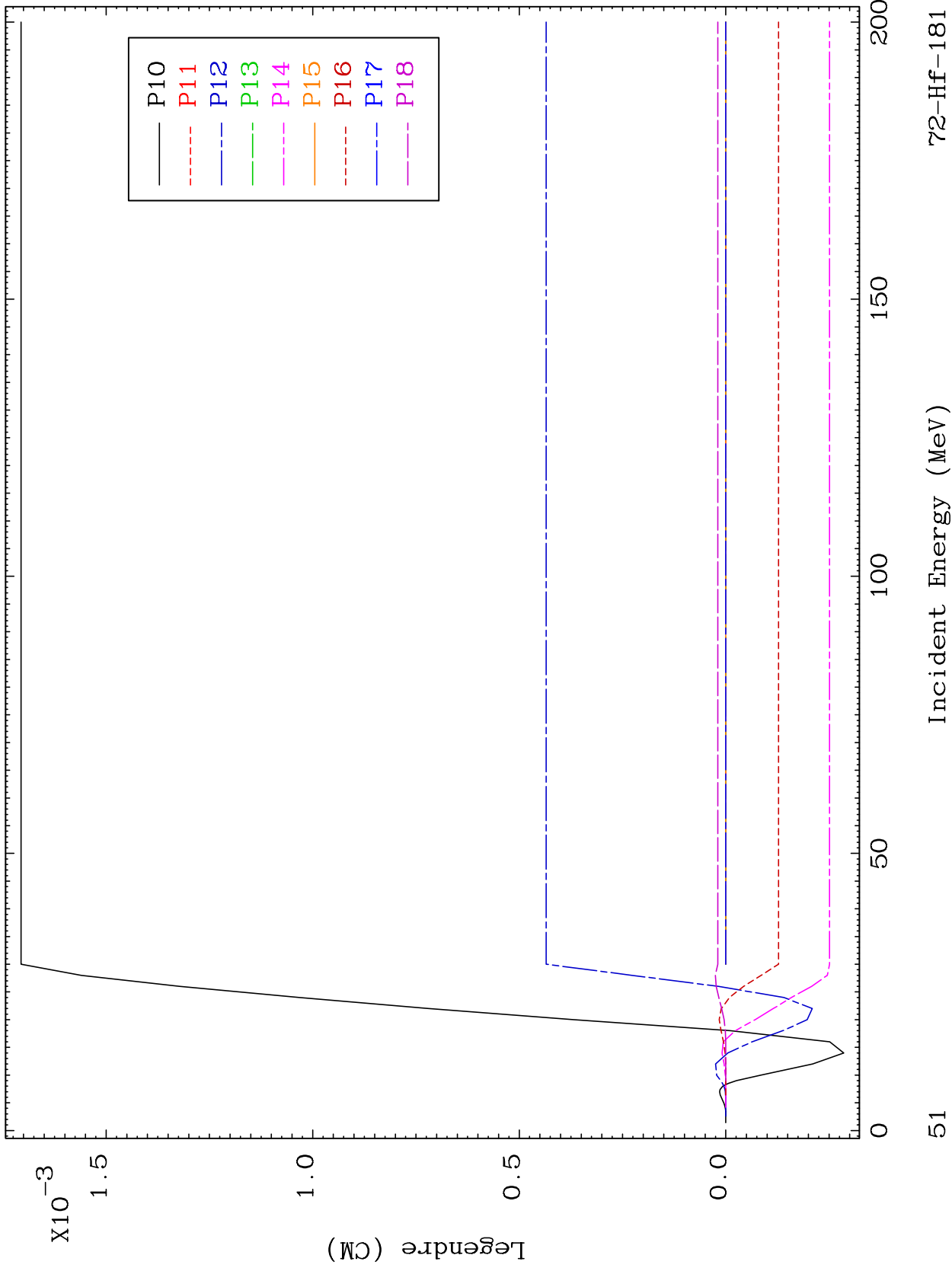




MAT 7246

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

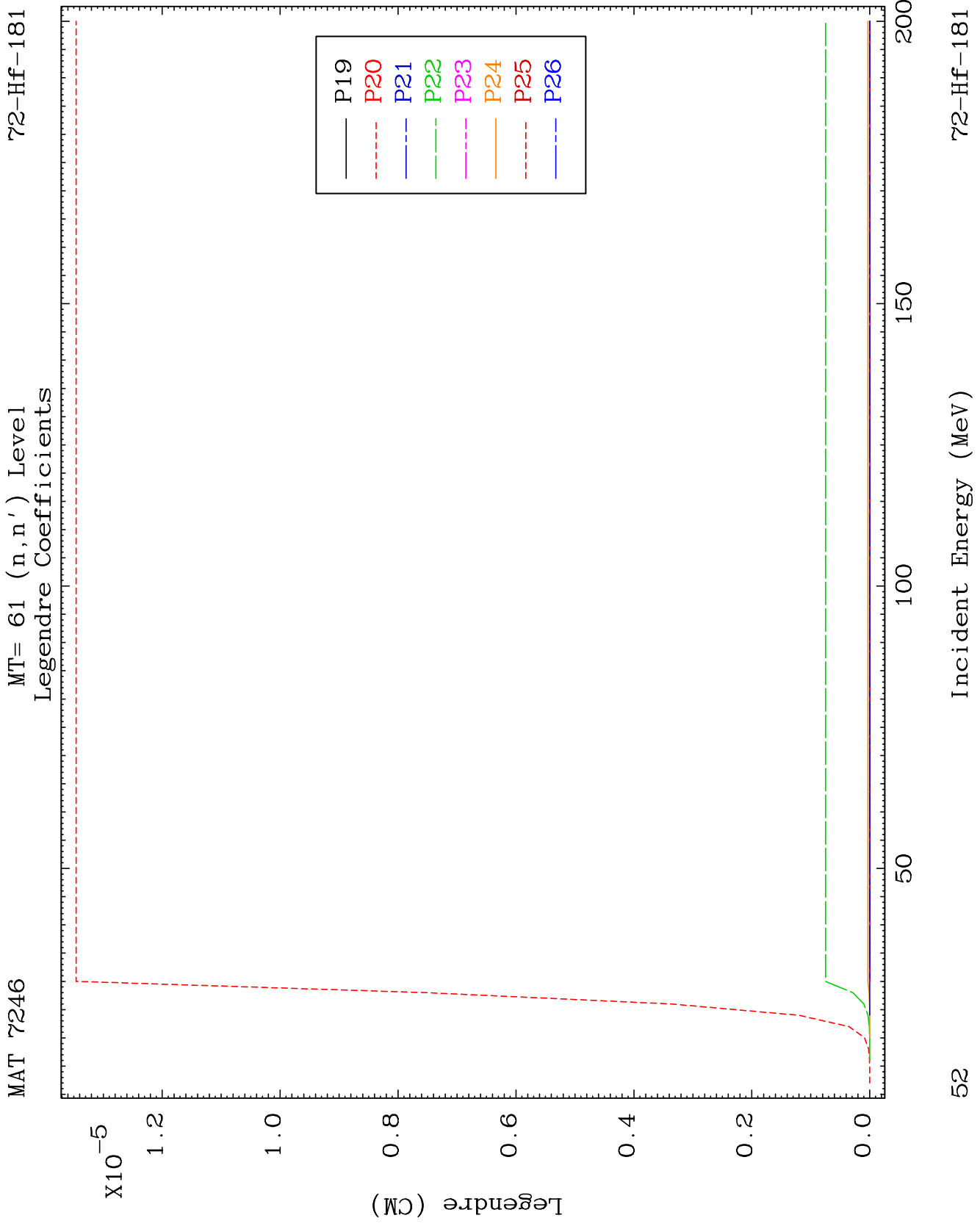
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51

Incident Energy (MeV)

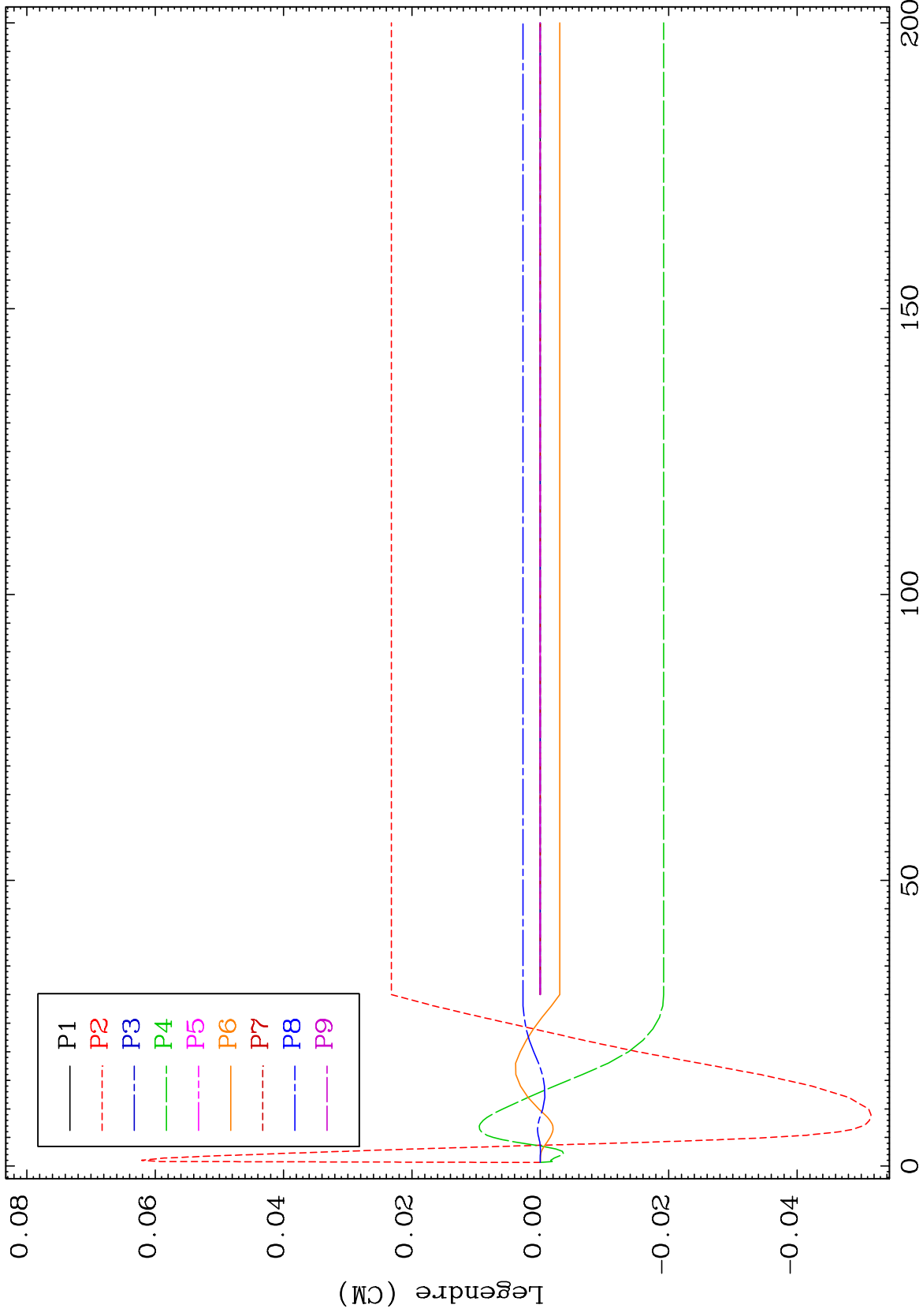
72-Hf-181



MAT 7246

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

72-Hf-181



53

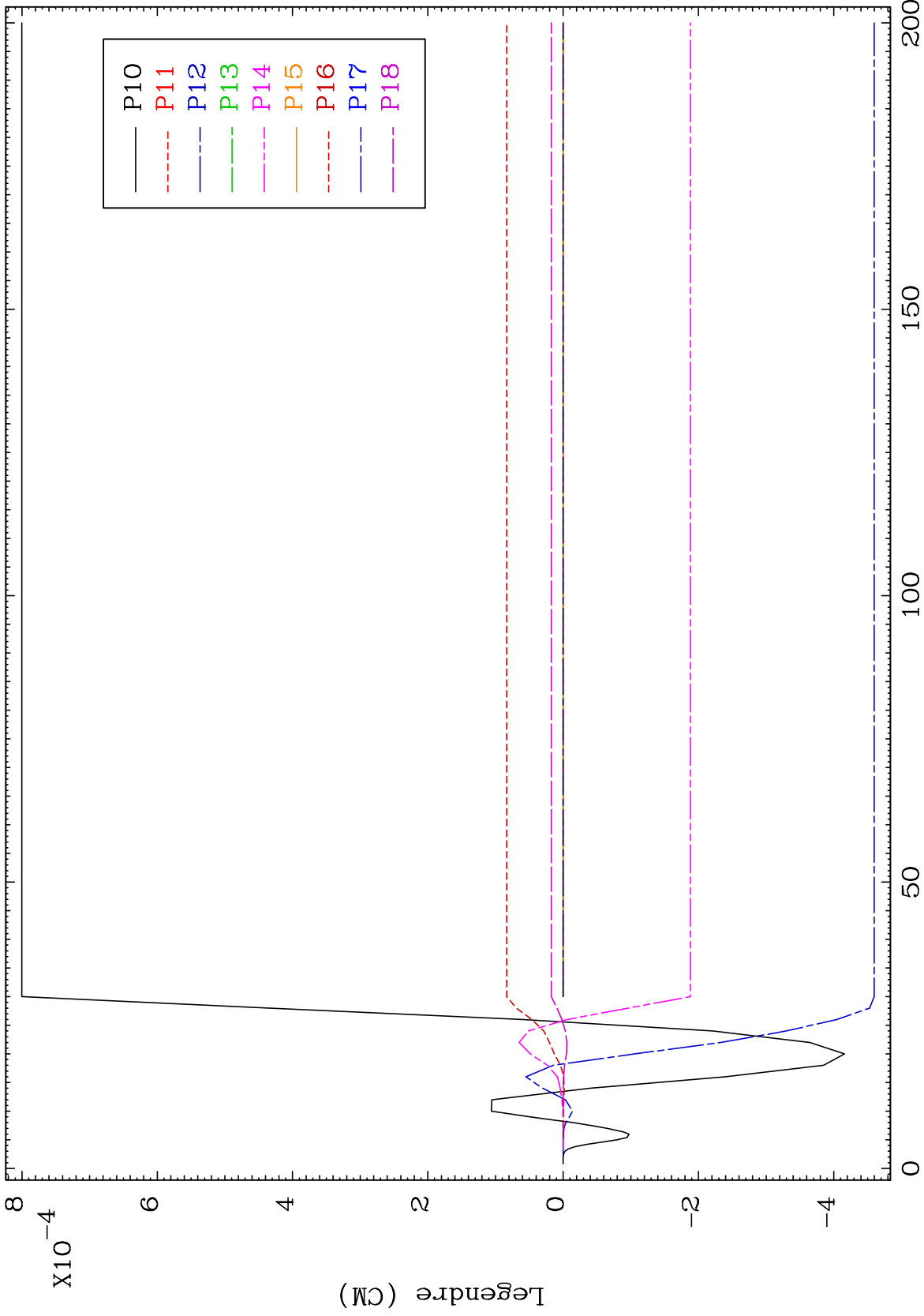
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

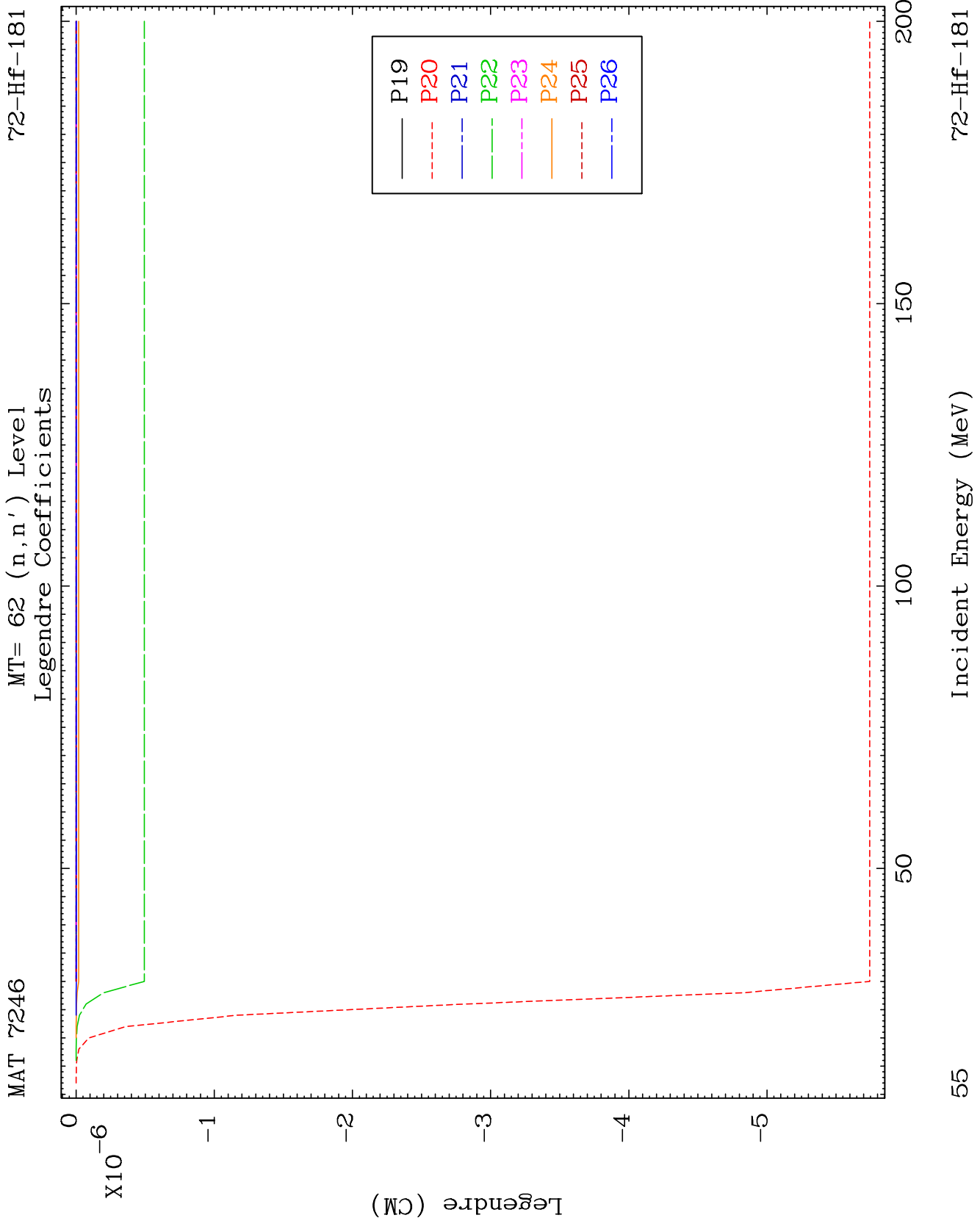
72-Hf-181



54

Incident Energy (MeV)

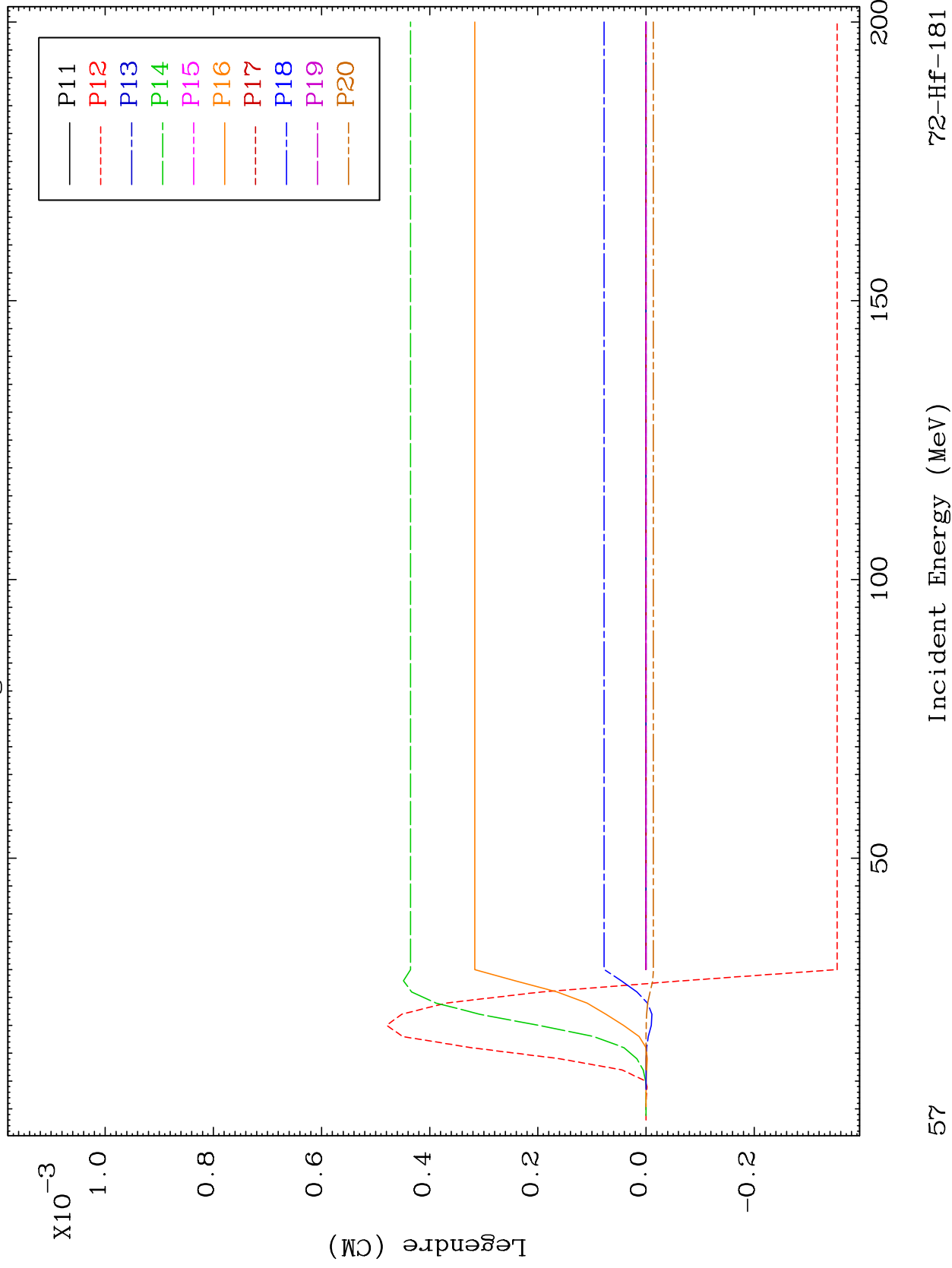
72-Hf-181



MAT 7246

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

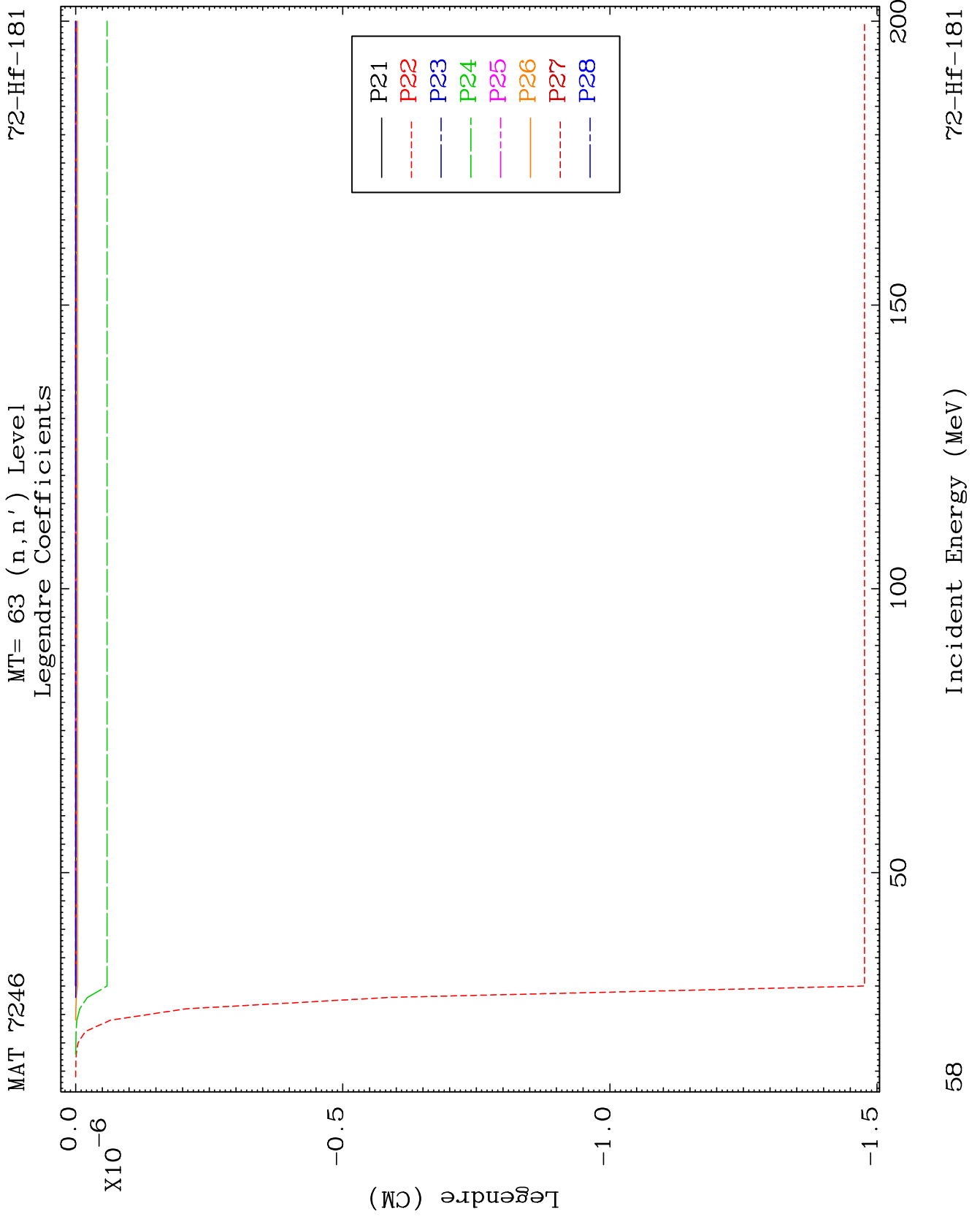
72-Hf-181



57

Incident Energy (MeV)

72-Hf-181

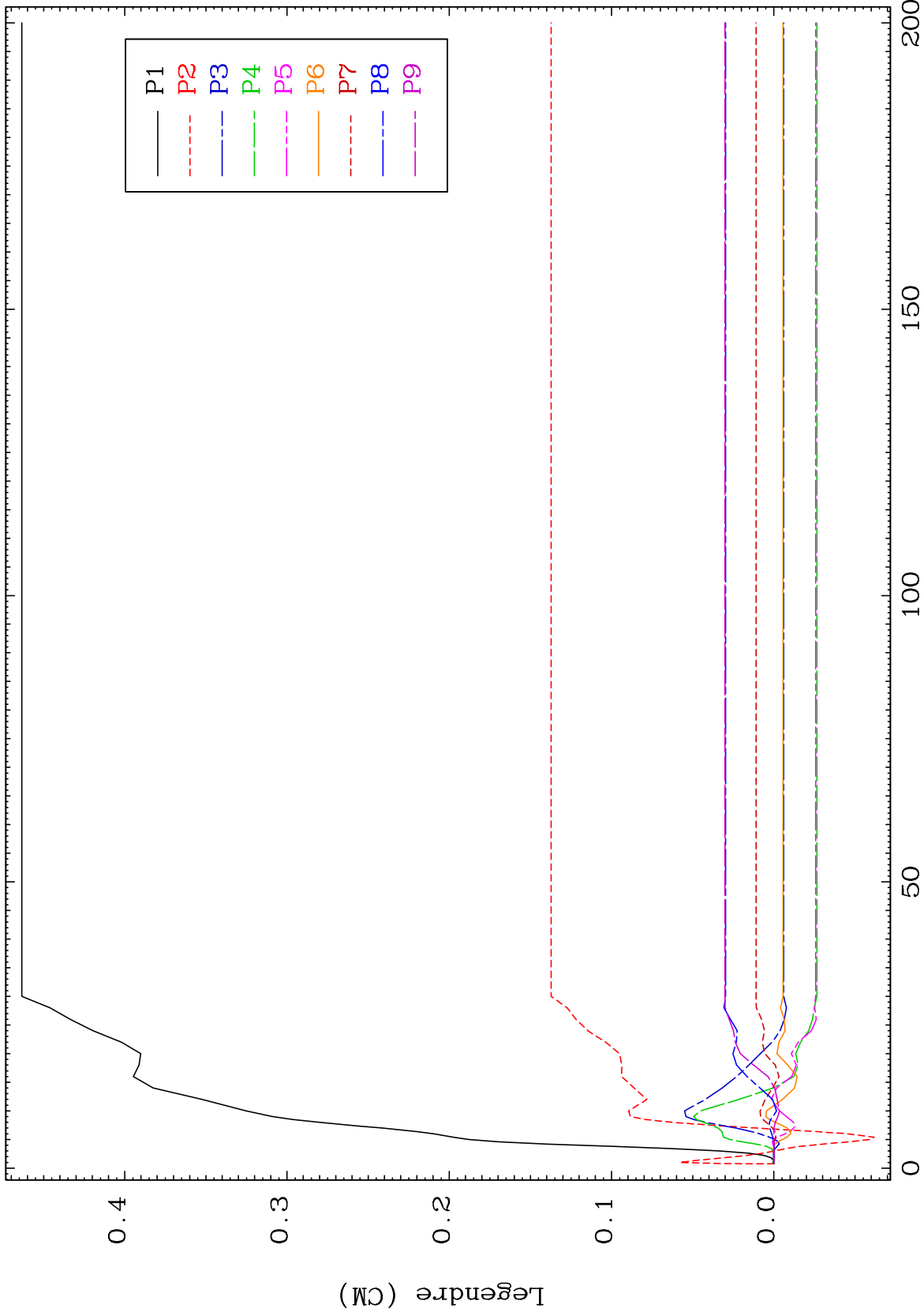


MAT 7246

MT= 64 (n,n') Level

72-Hf-181

Legendre Coefficients



59

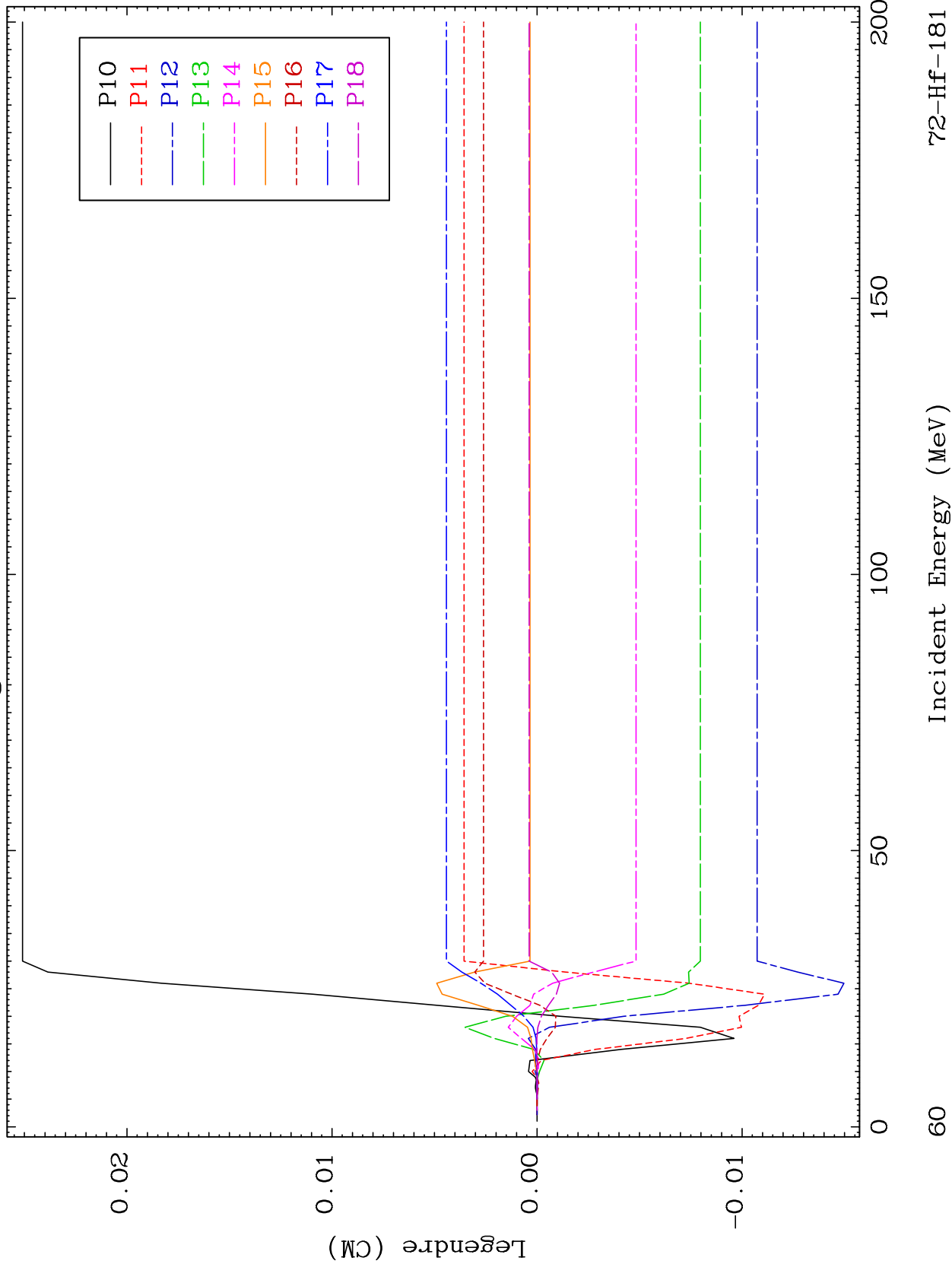
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



72-Hf-181

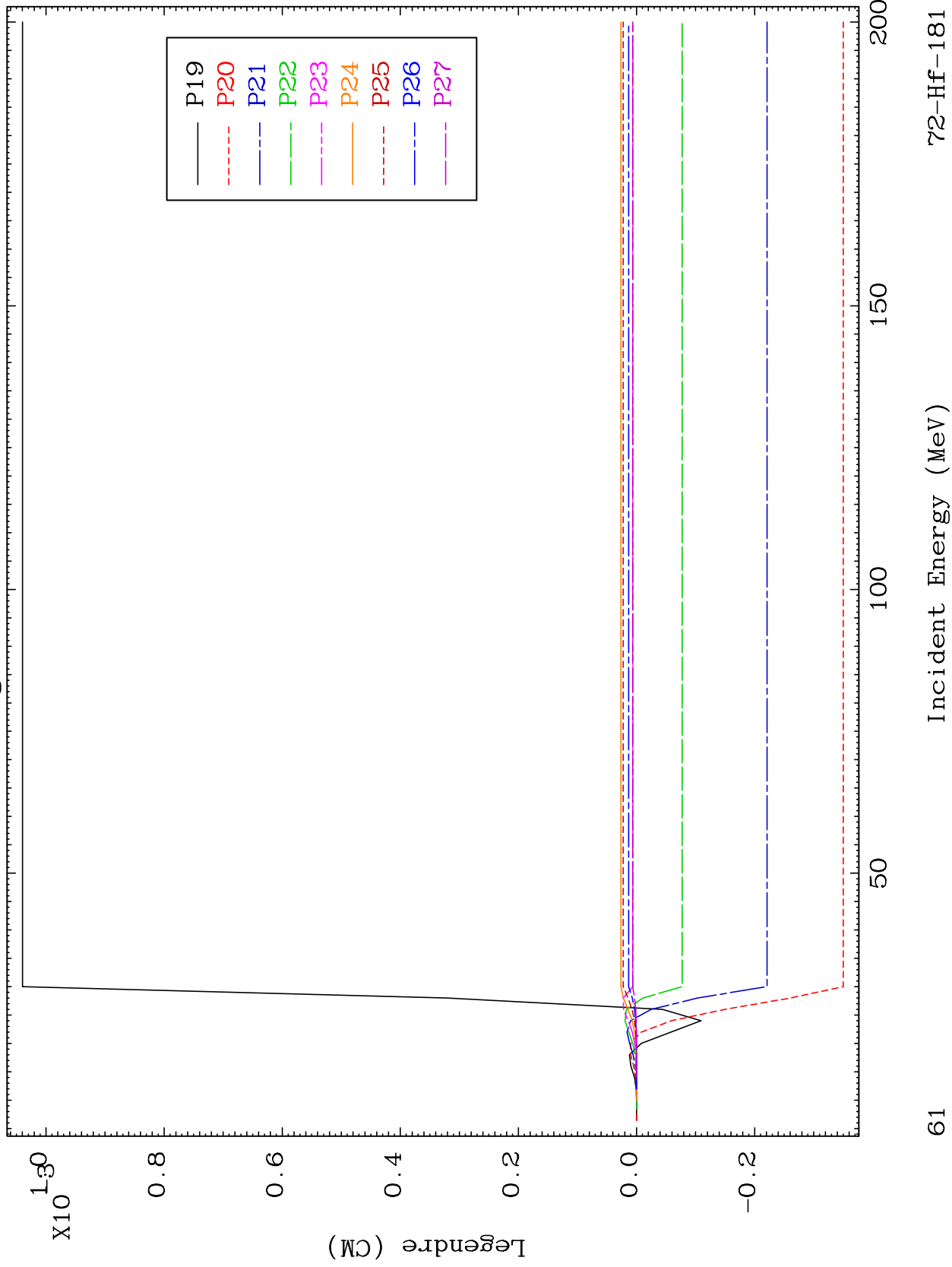
Incident Energy (MeV)

60

MAT 7246

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

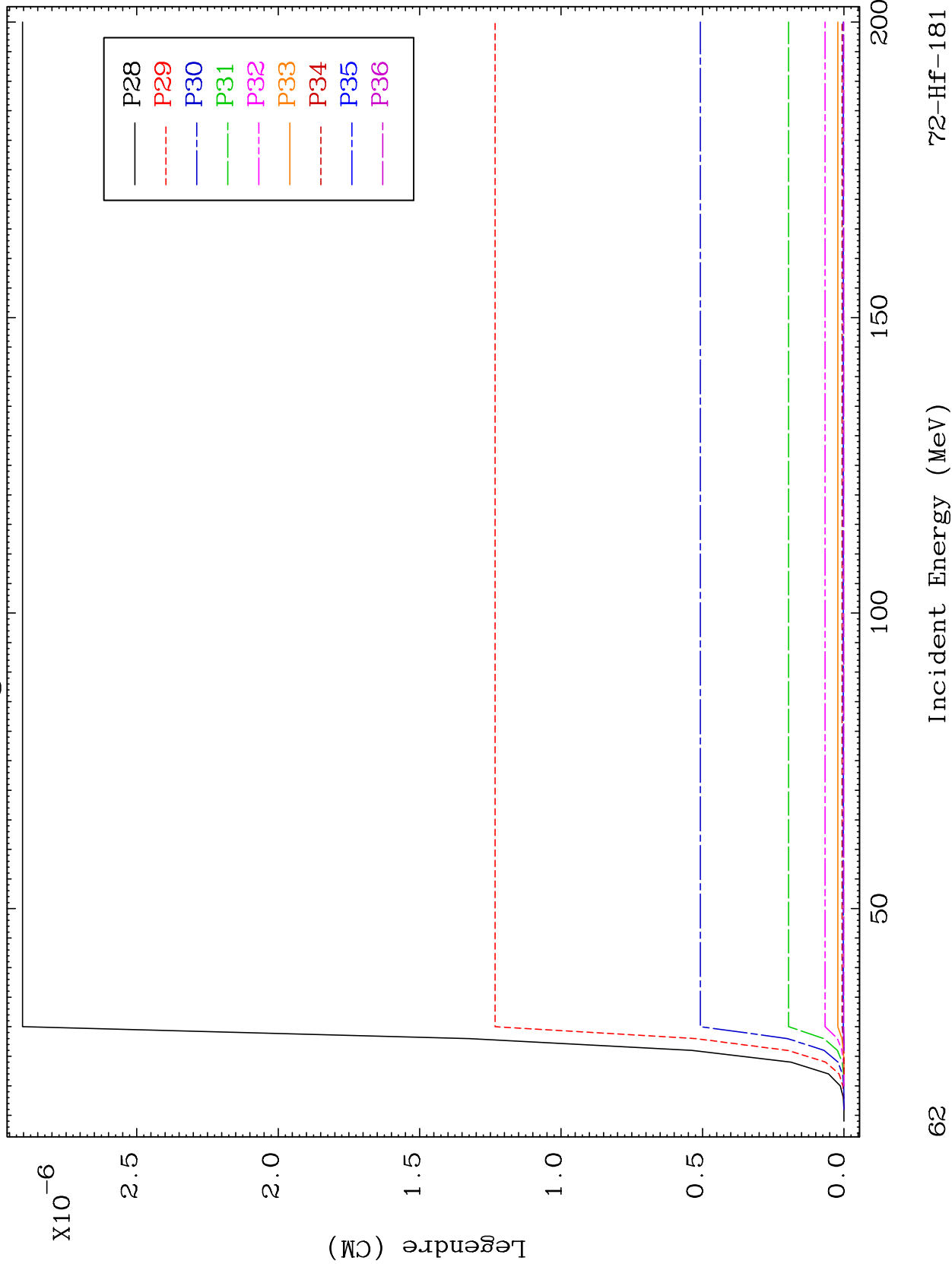
72-Hf-181



MAT 7246

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

72-Hf-181



62

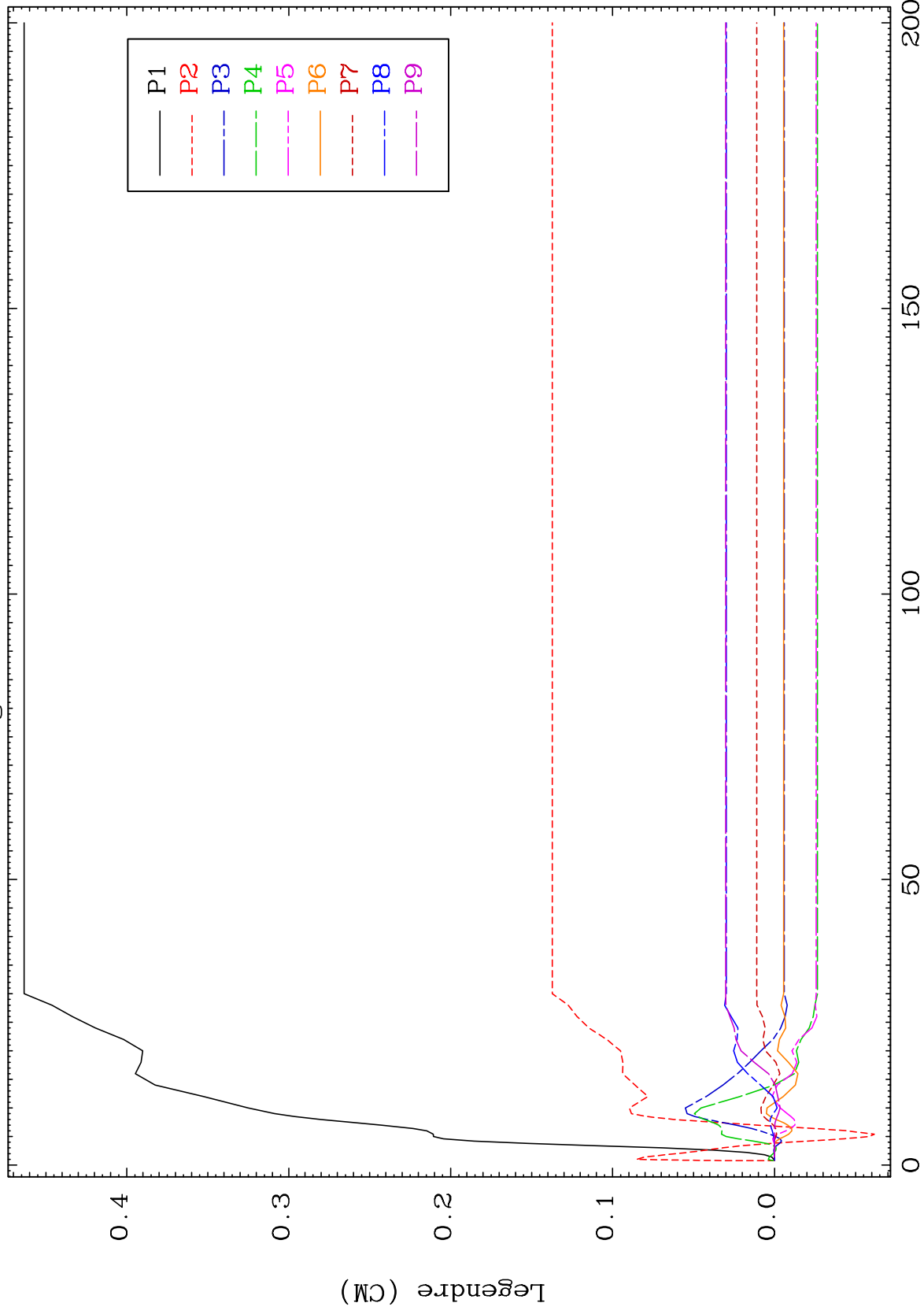
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

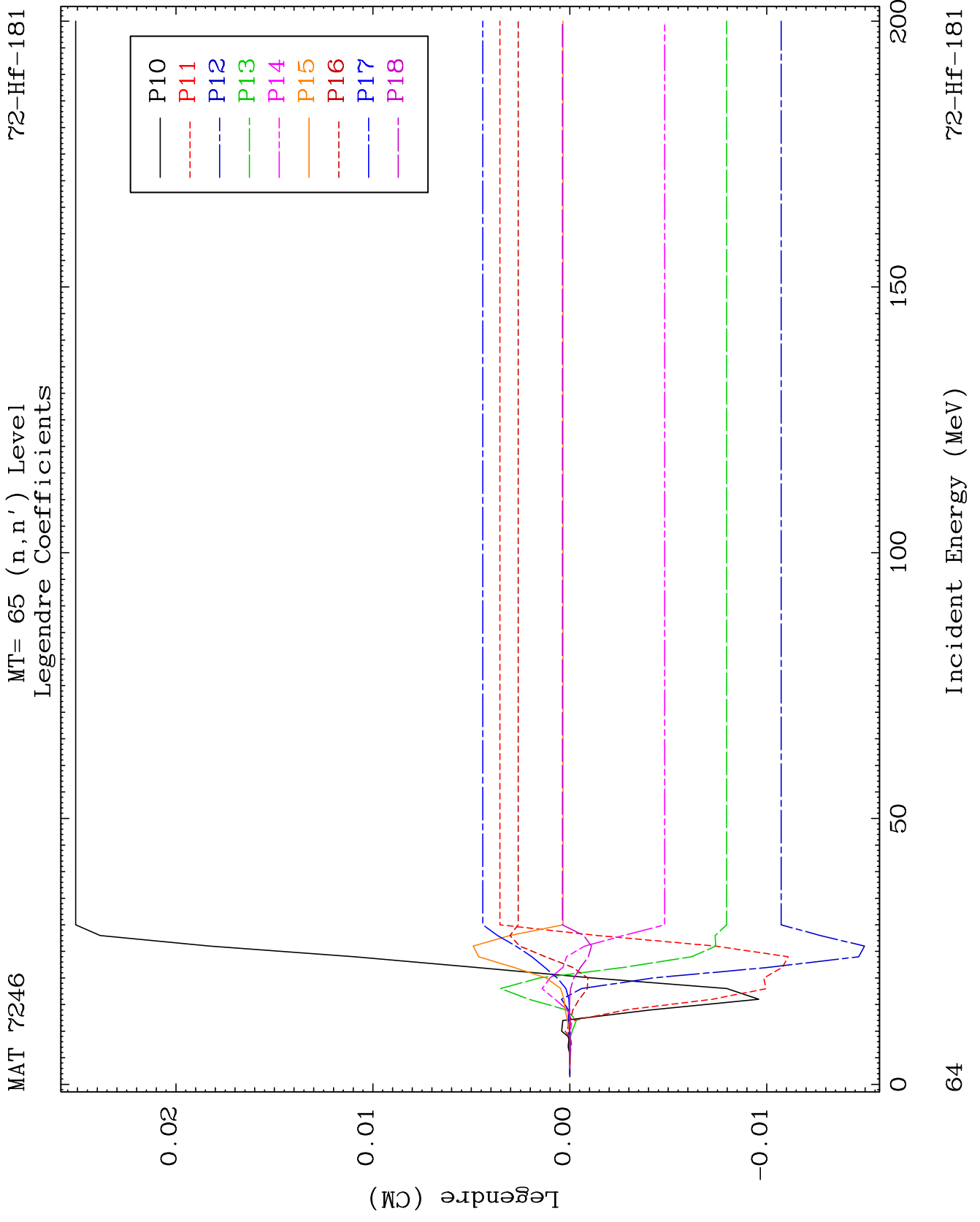
72-Hf-181



72-Hf-181

Incident Energy (MeV)

63



72-Hf-181

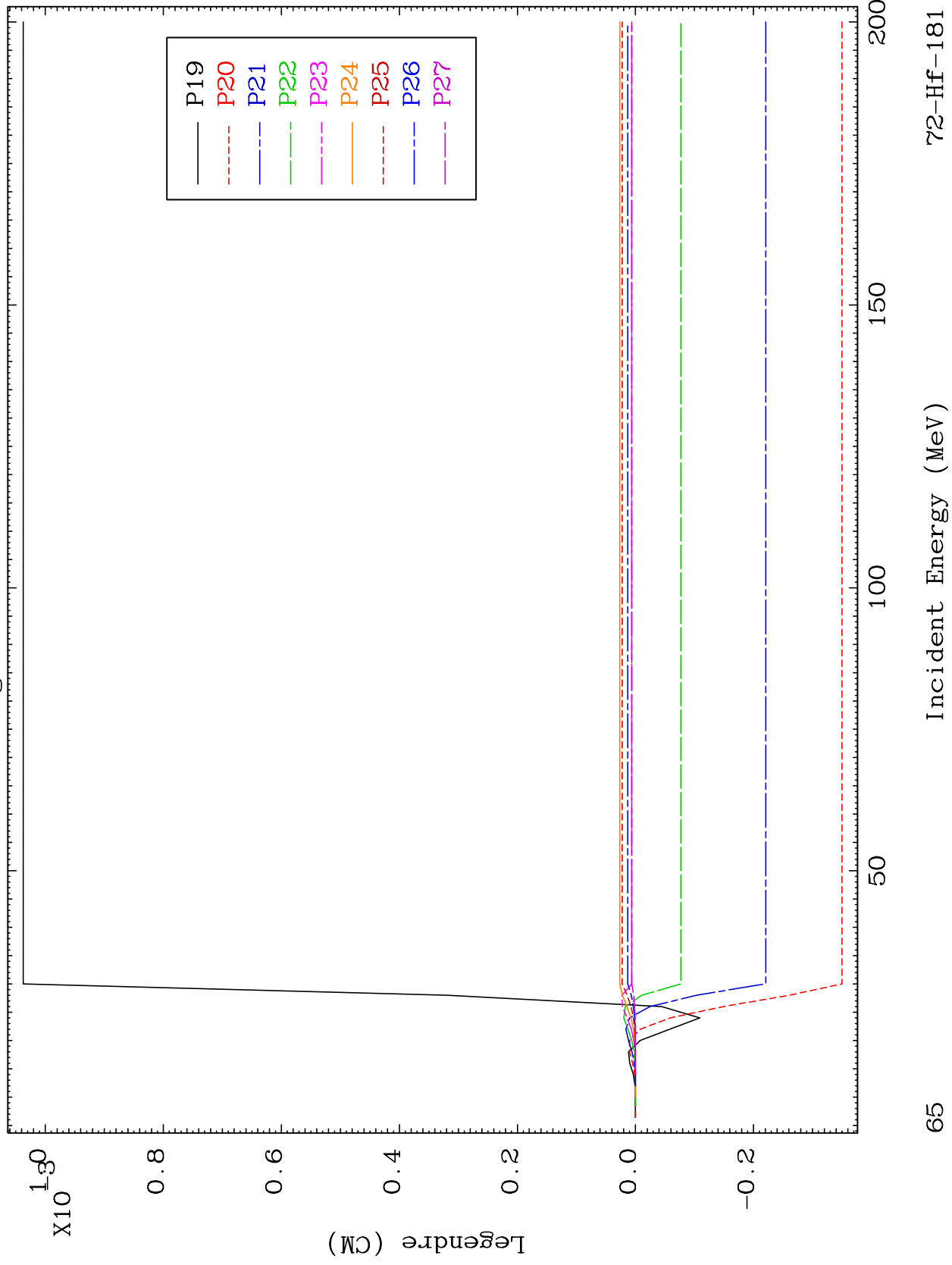
Incident Energy (MeV)

64

MAT 7246

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

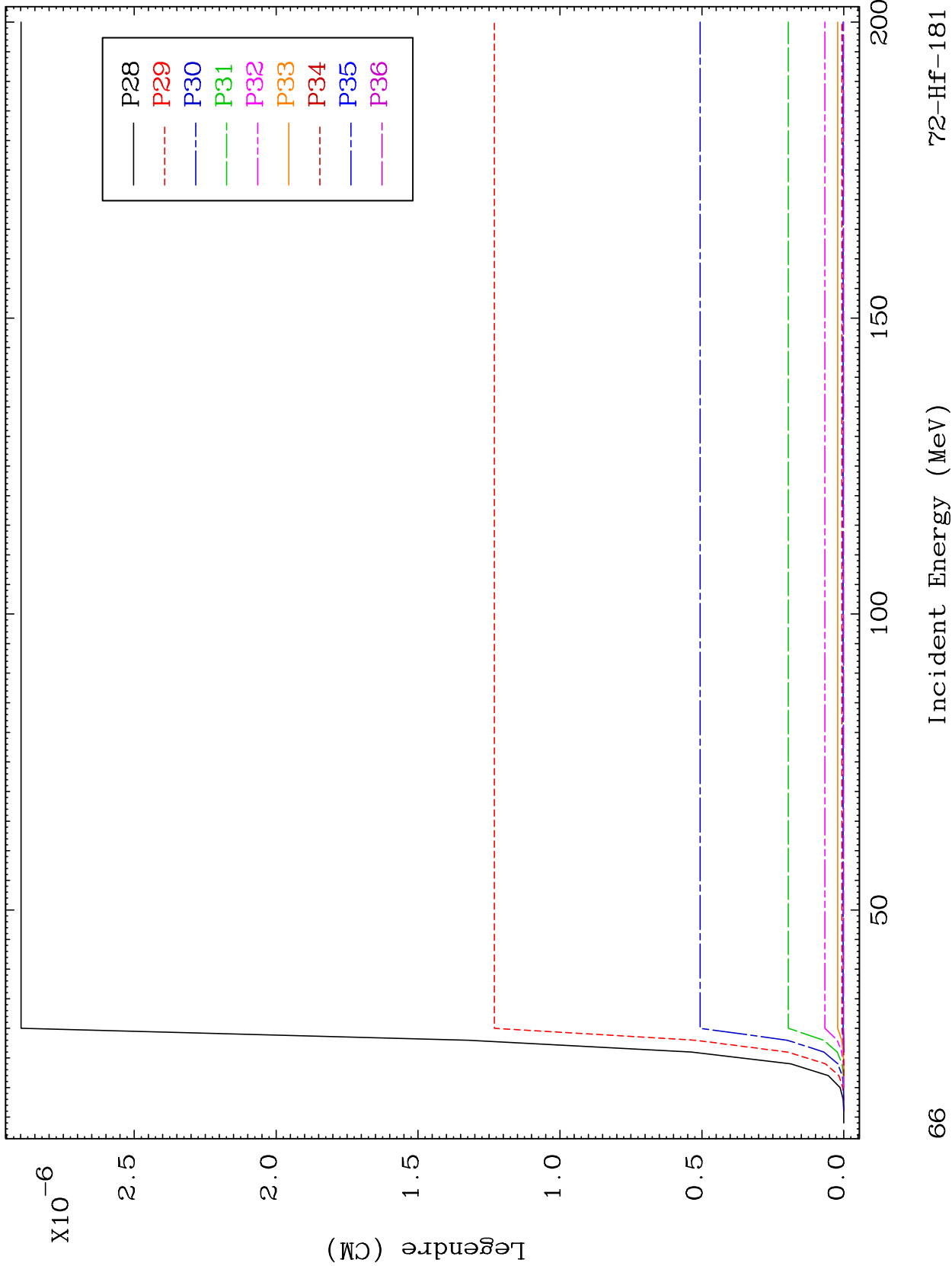
72-Hf-181



MAT 7246

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

72-Hf-181



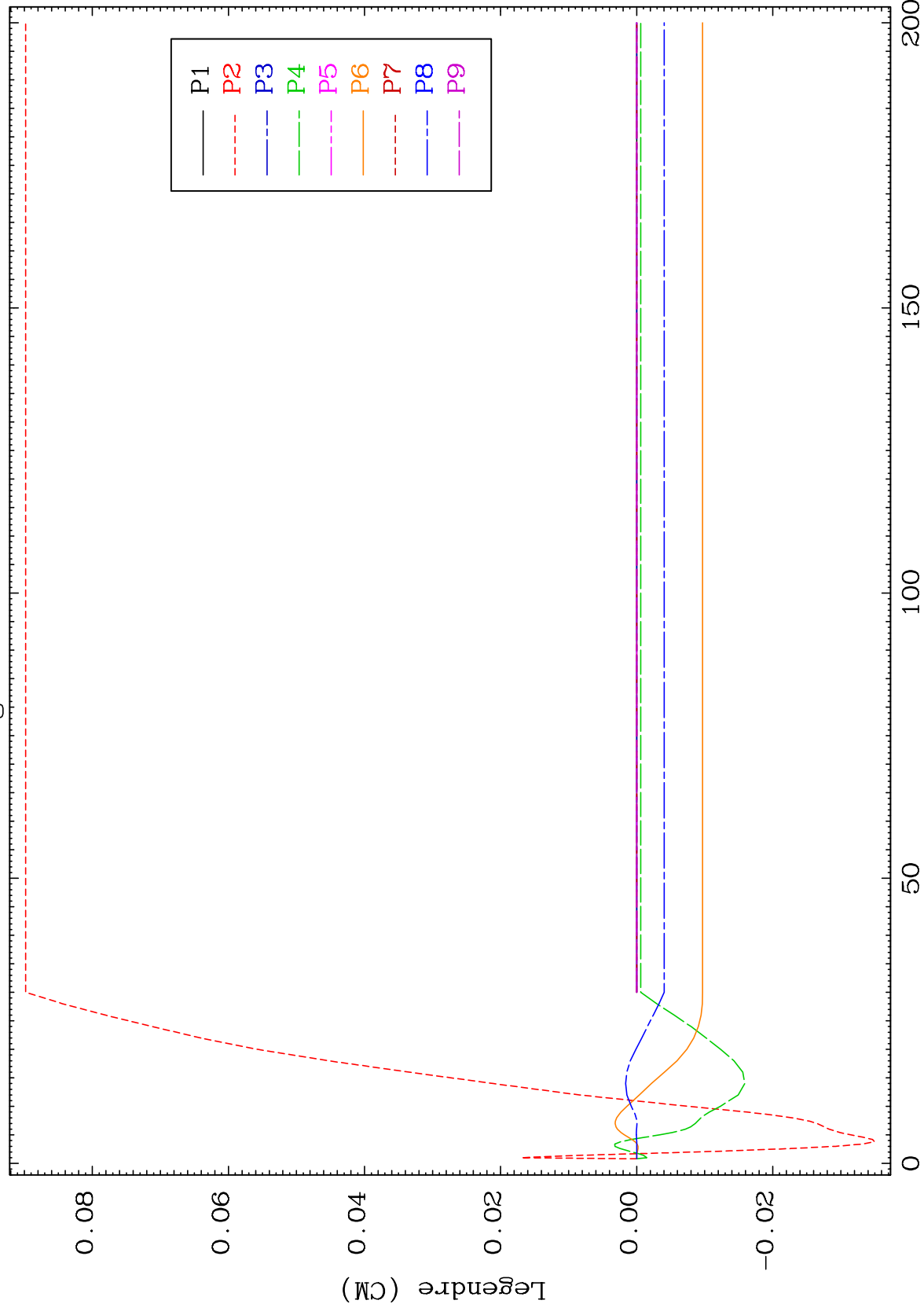
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72-Hf-181

MAT 7246

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

72-Hf-181



67

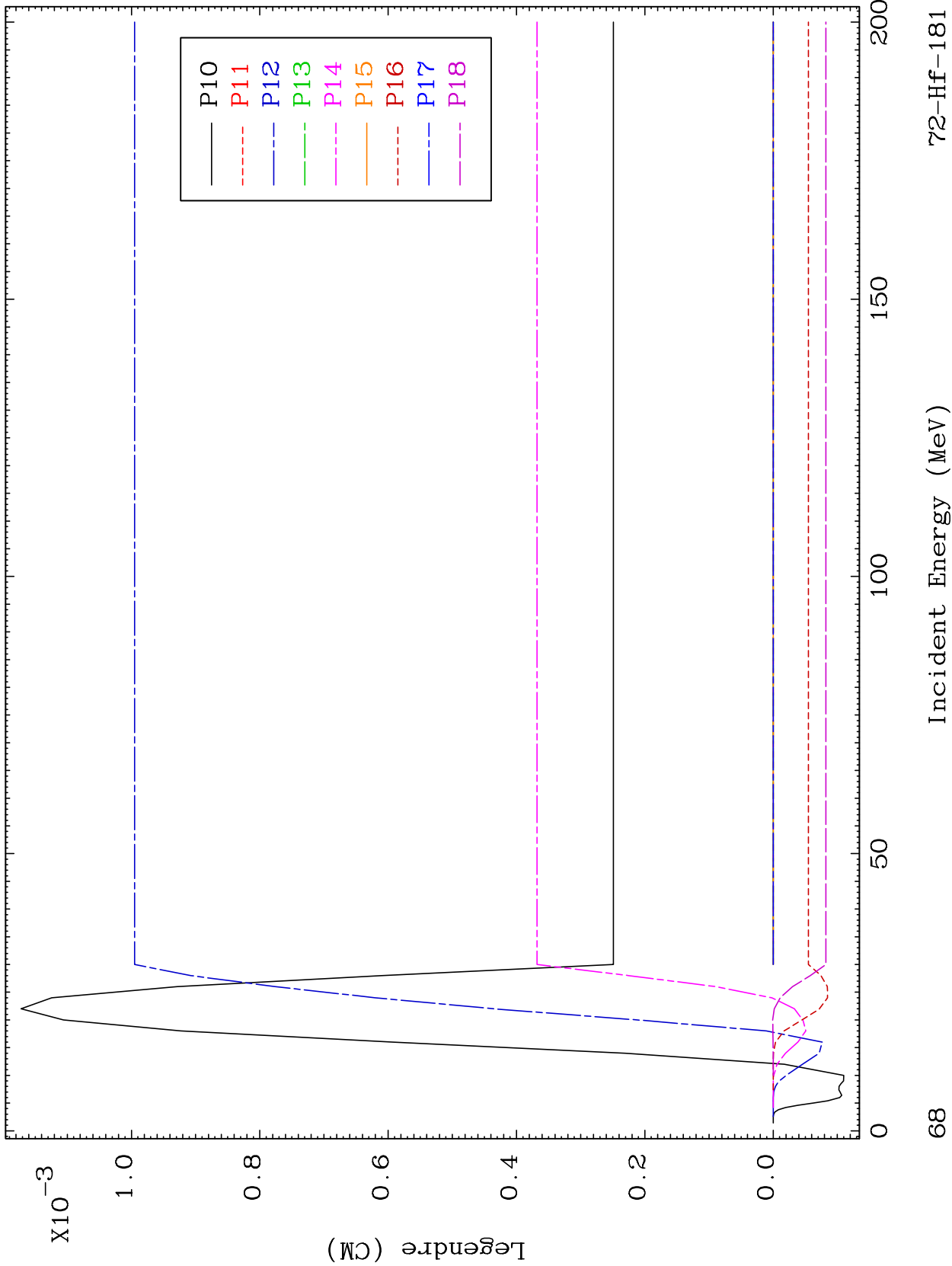
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

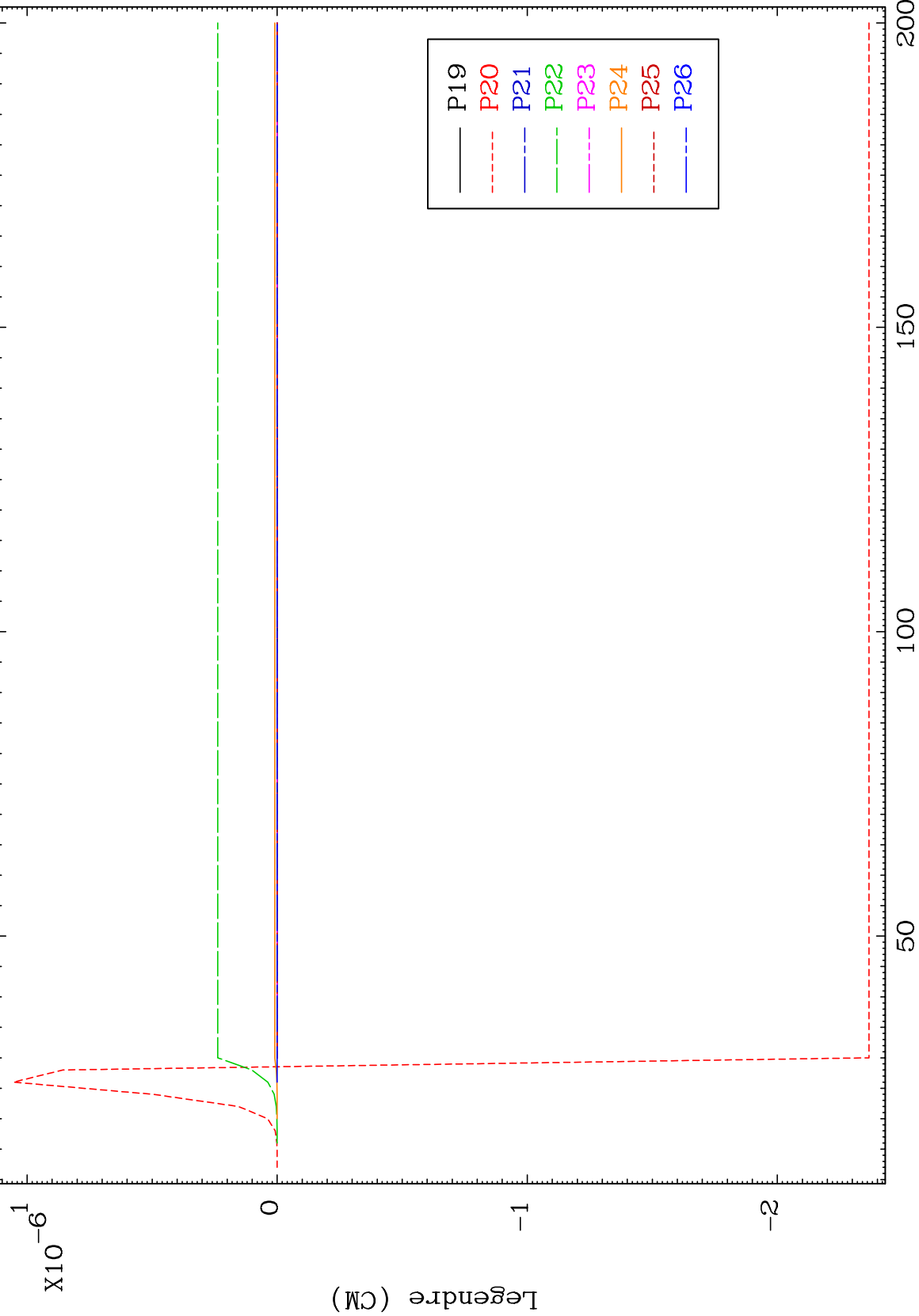
72-Hf-181



MAT 7246

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

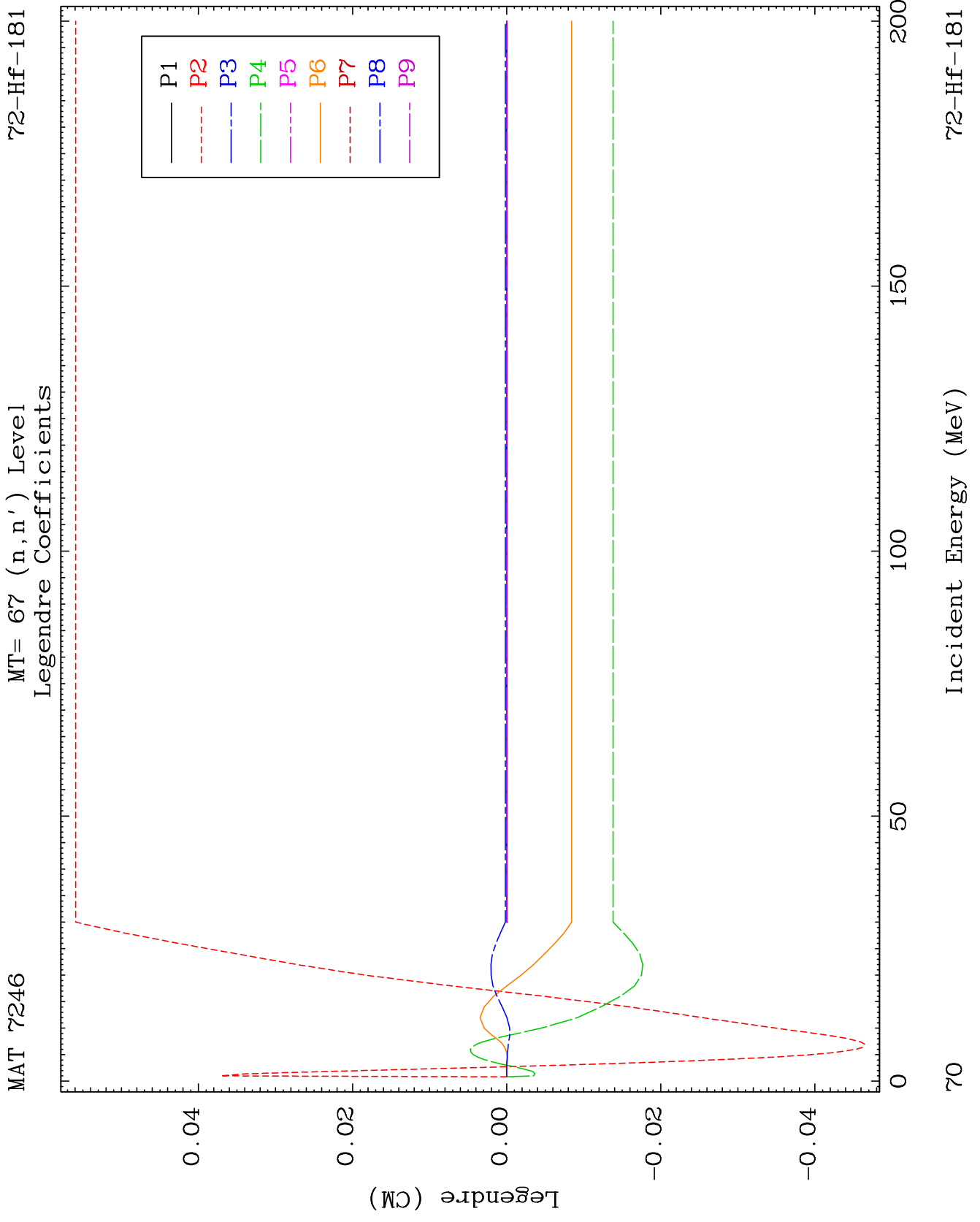
72-Hf-181



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Incident Energy (MeV)

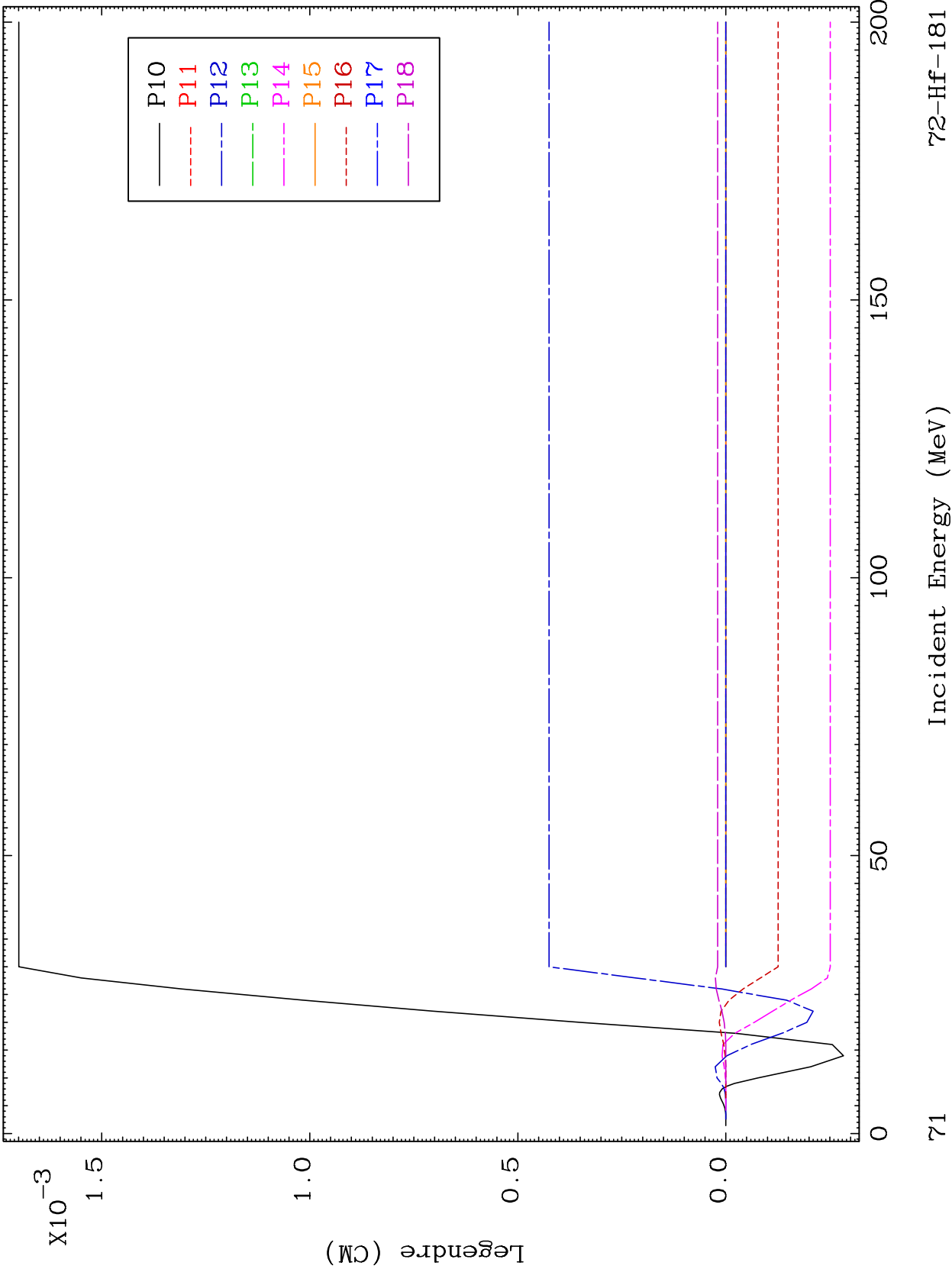
72-Hf-181



MAT 7246

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

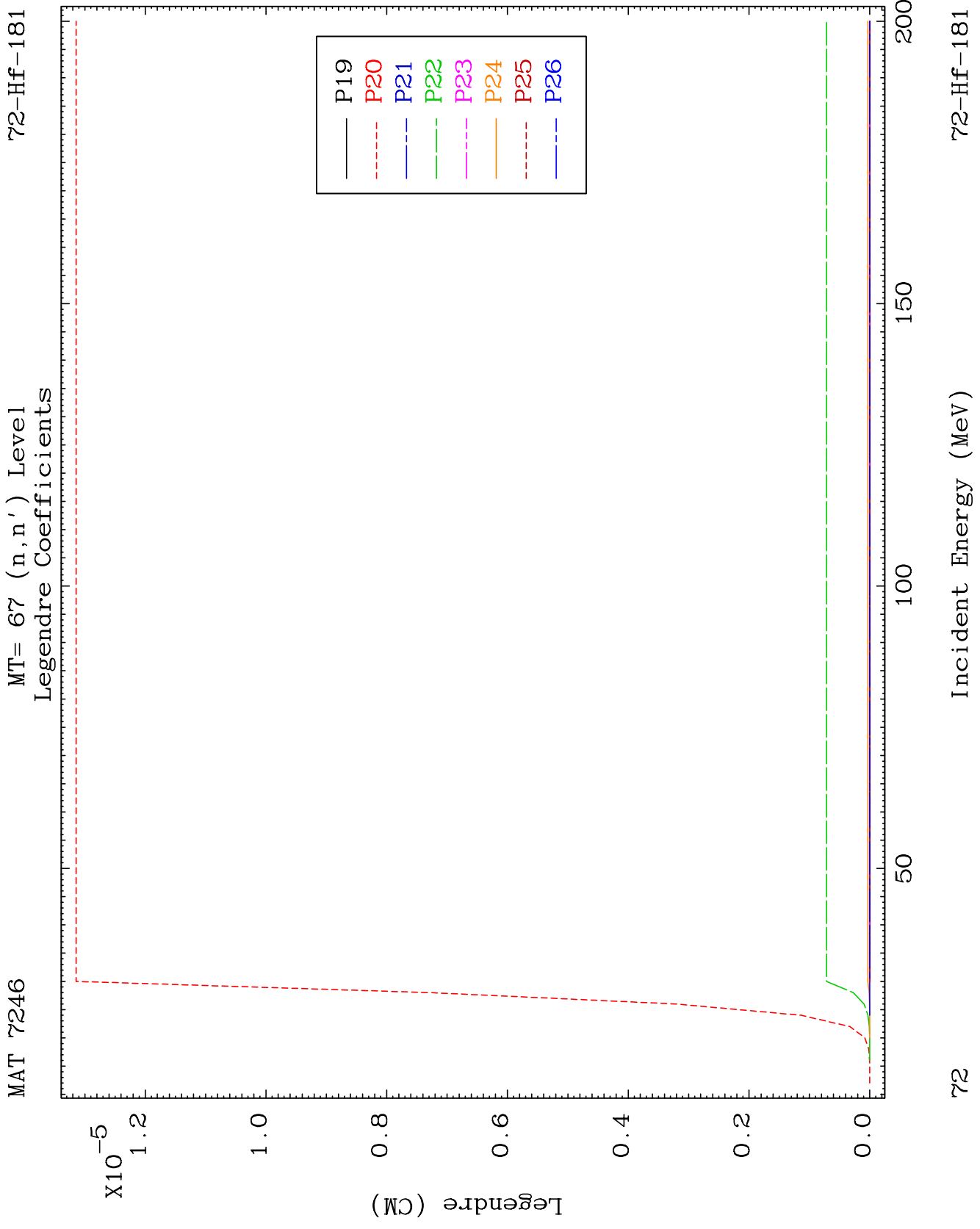
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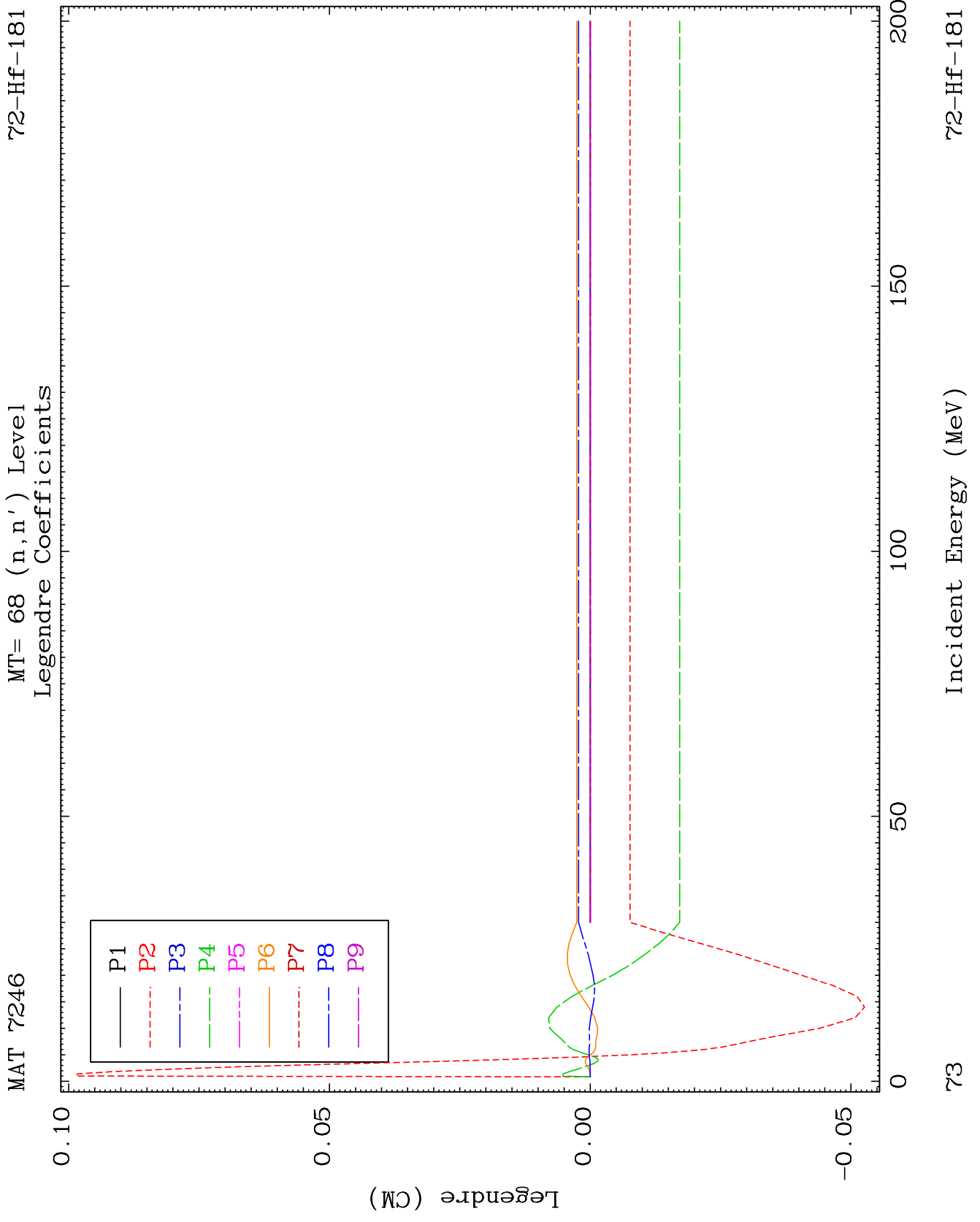


71

Incident Energy (MeV)

72-Hf-181

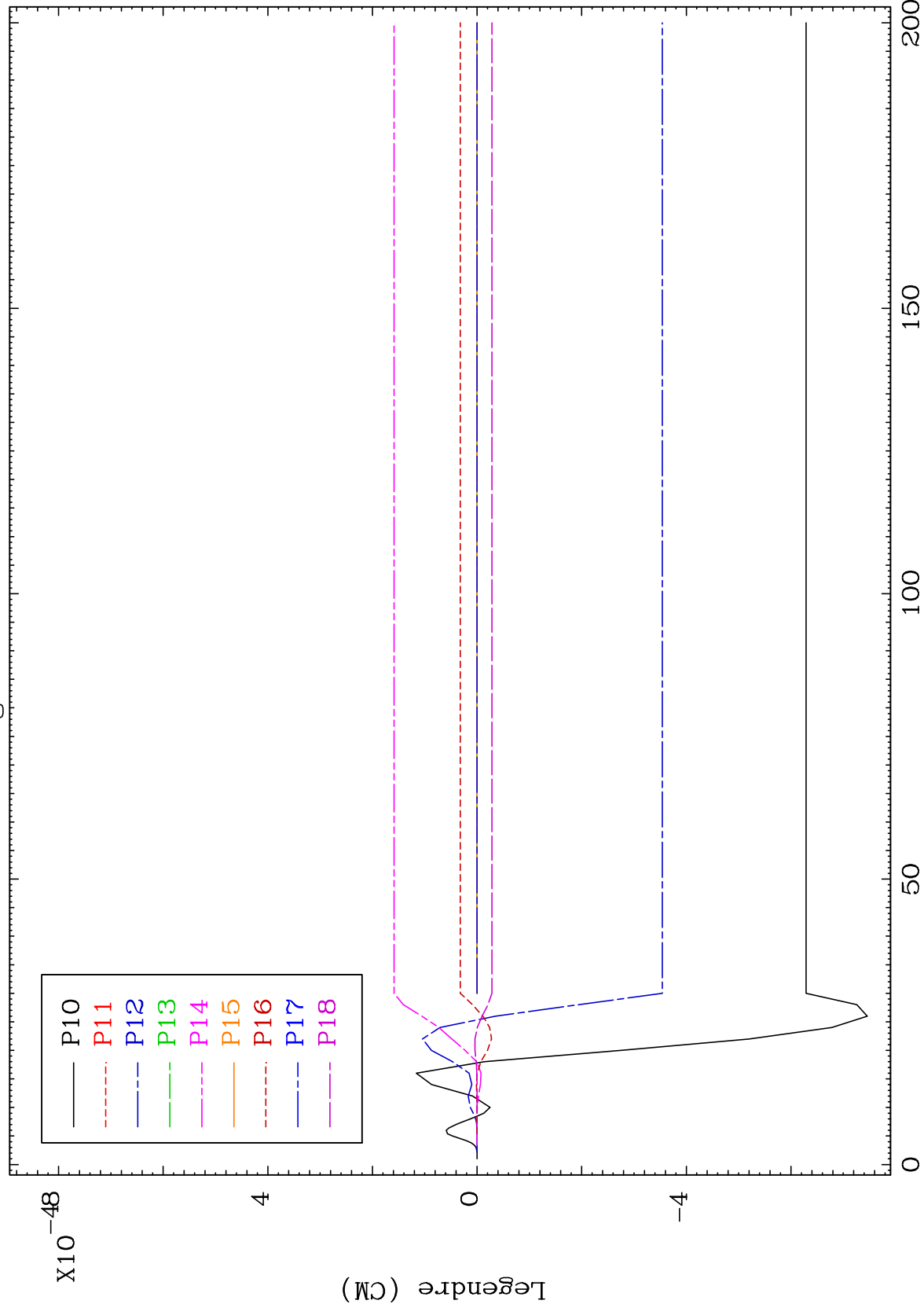




MAT 7246

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

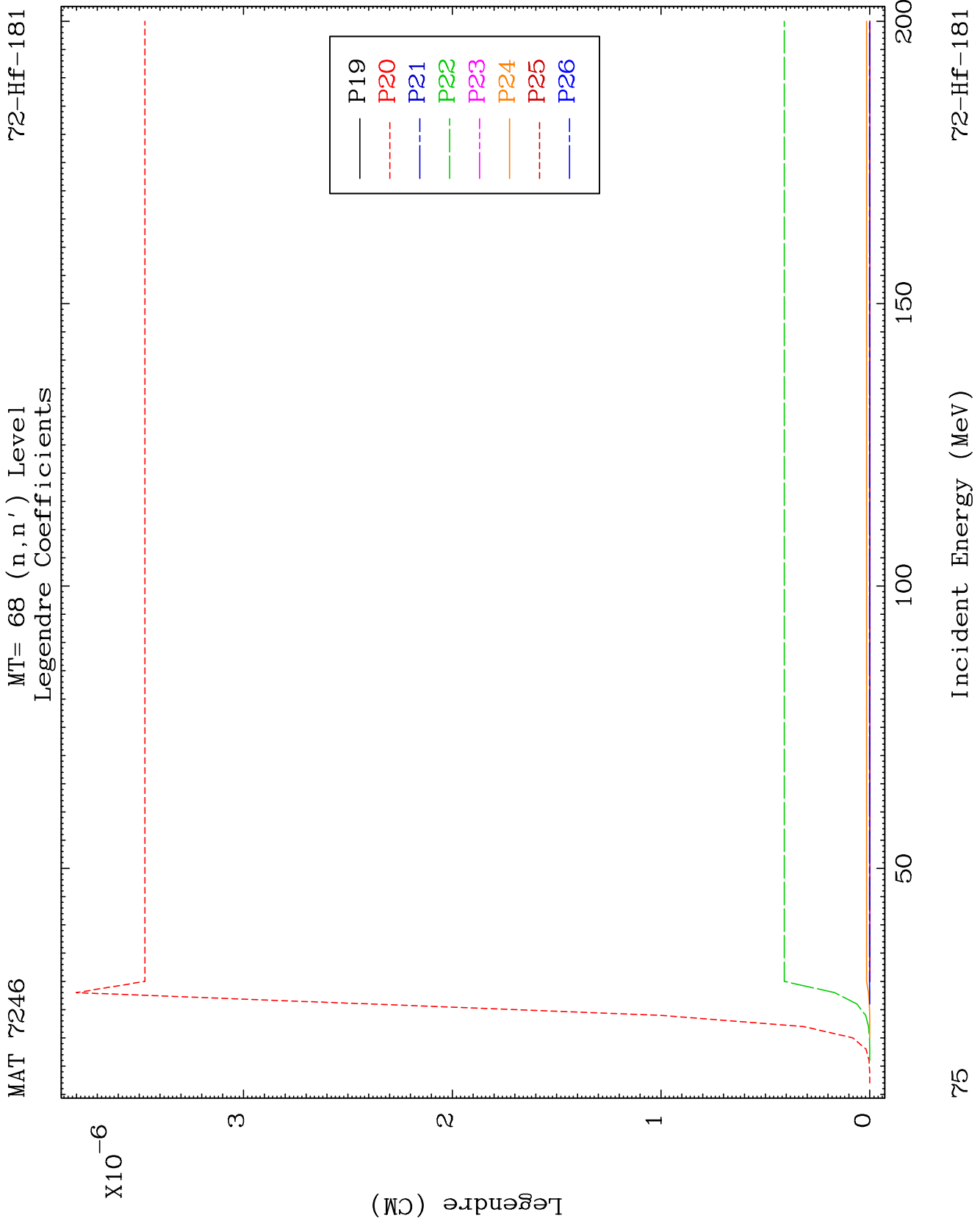
72-Hf-181

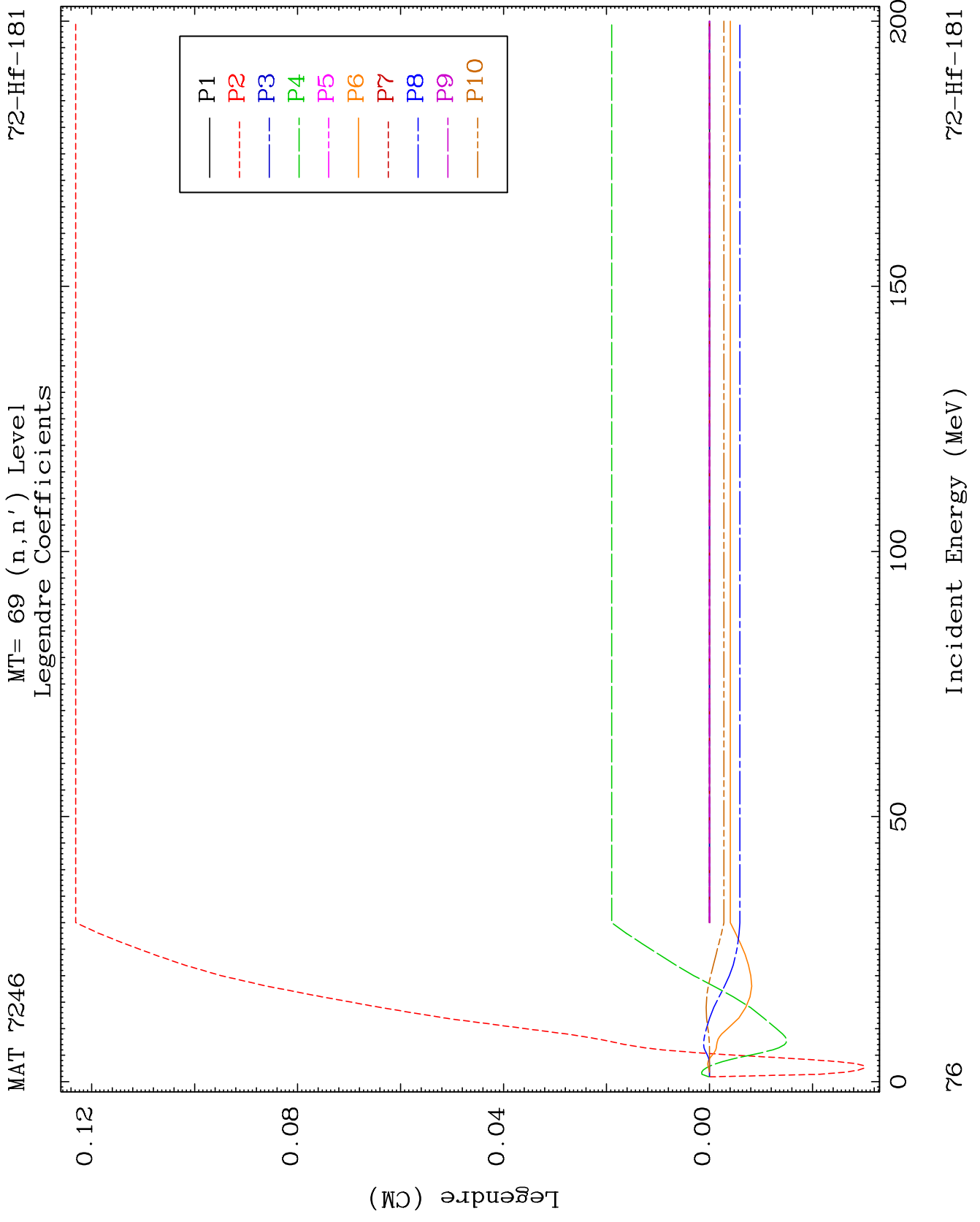


74

Incident Energy (MeV)

72-Hf-181

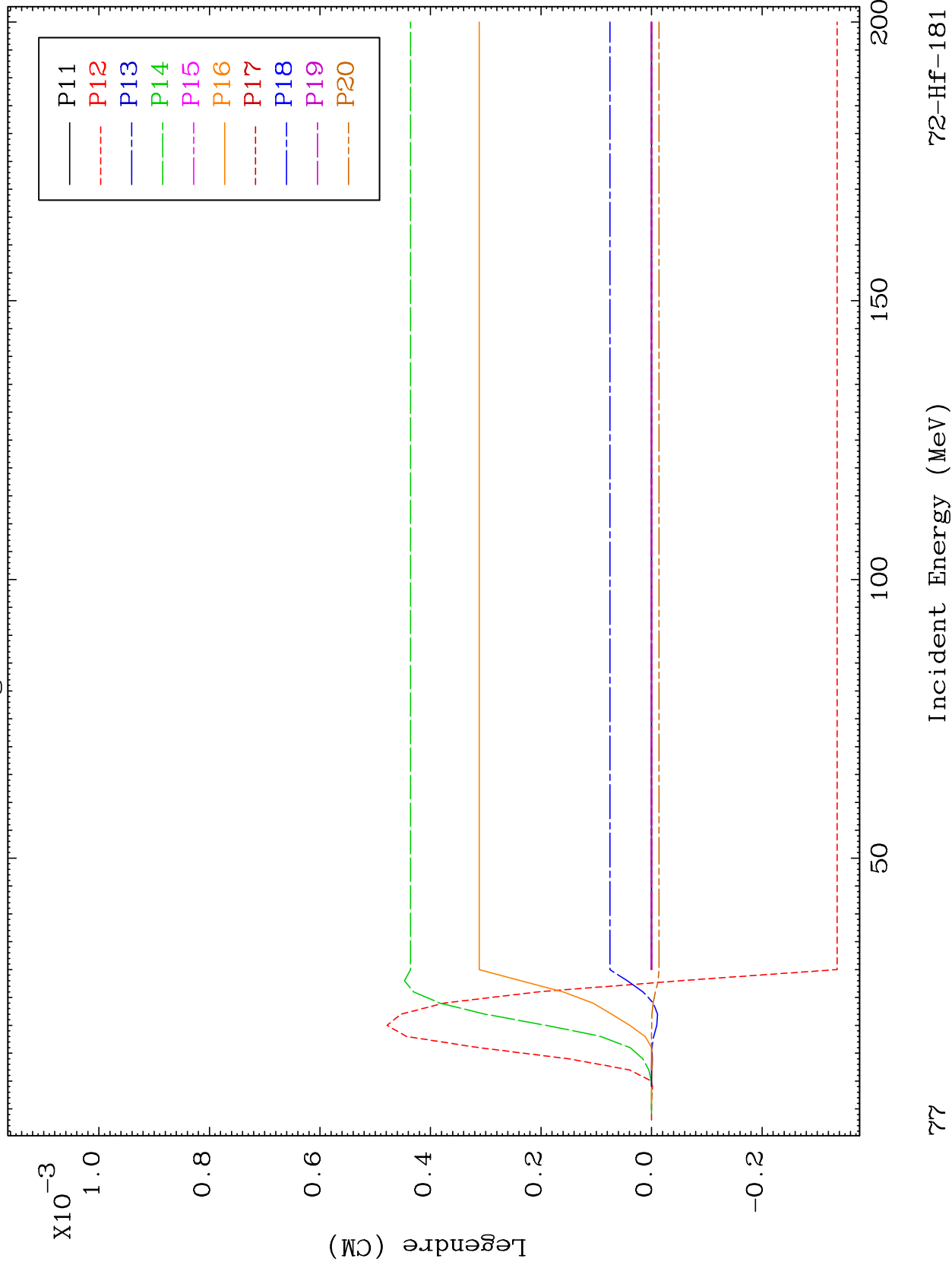




MAT 7246

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

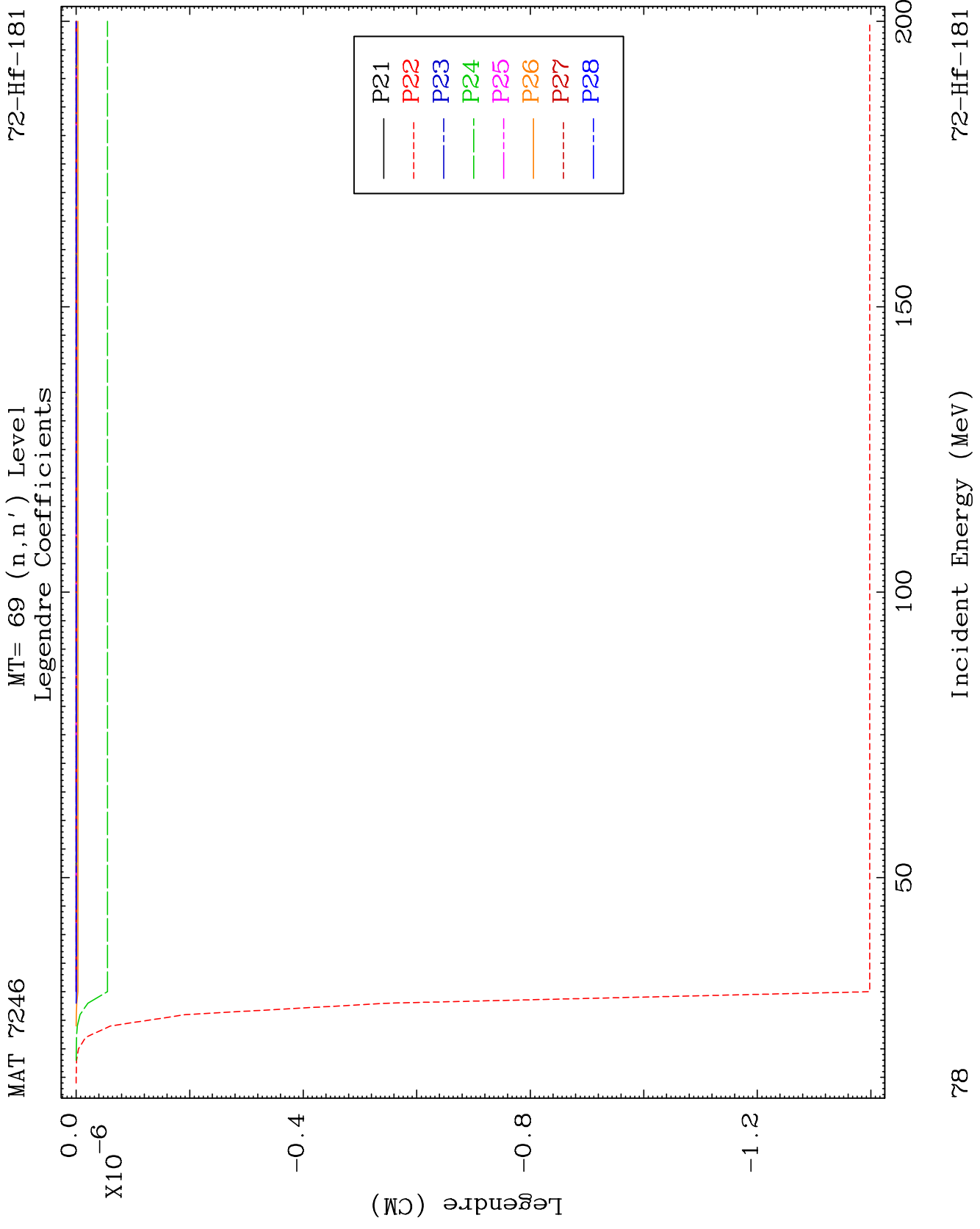
72-Hf-181

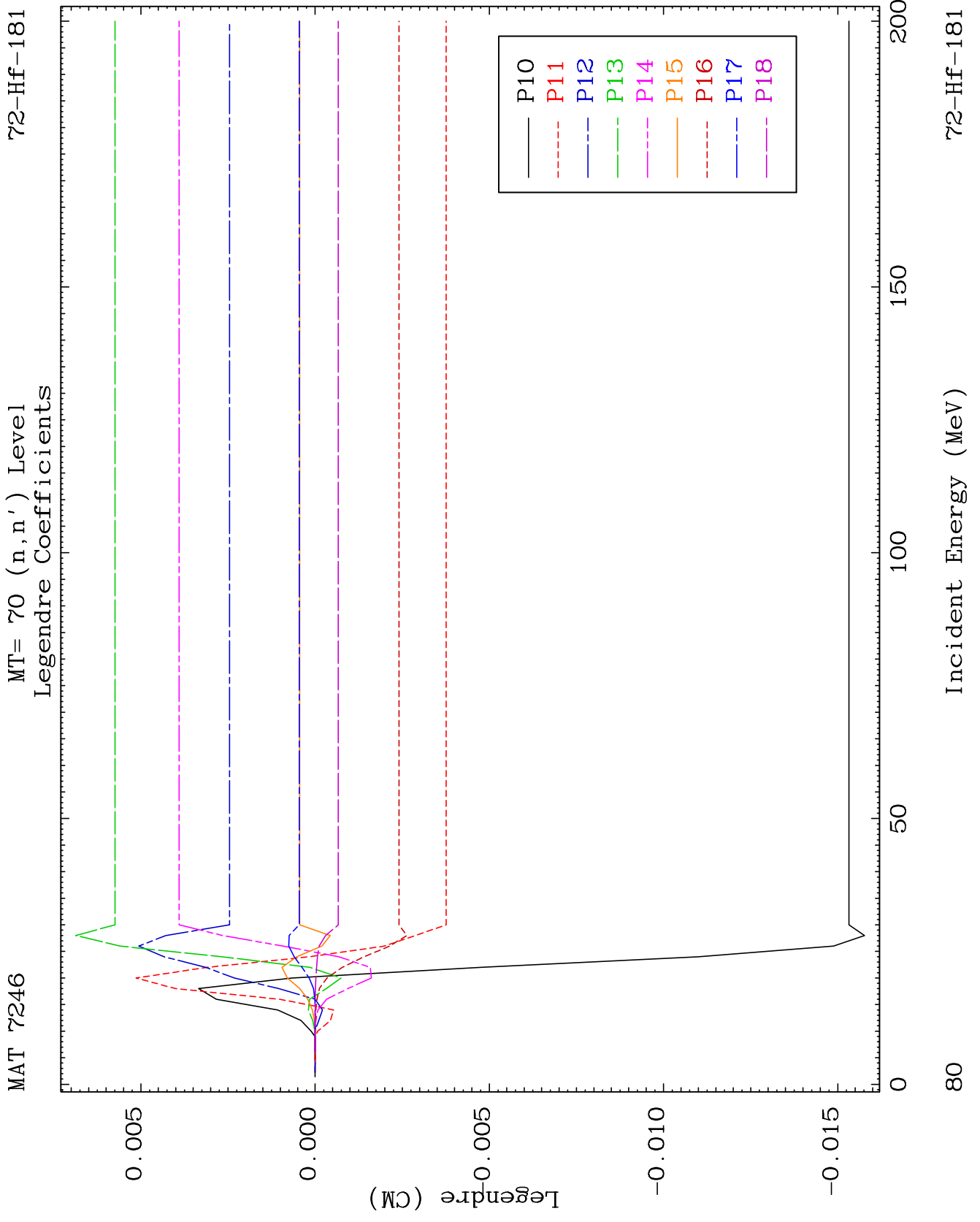


77

Incident Energy (MeV)

72-Hf-181

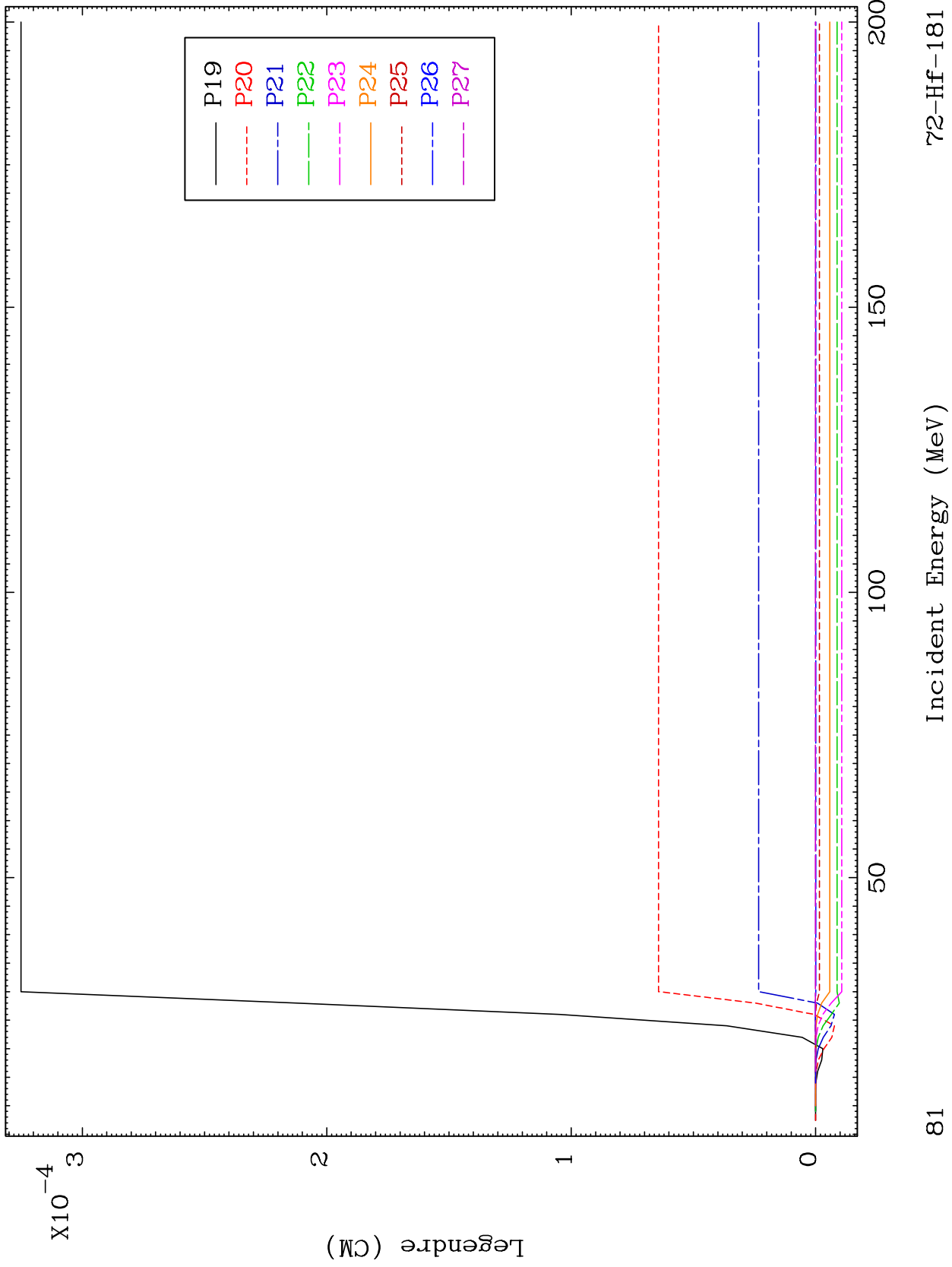




MAT 7246

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

72-Hf-181



81

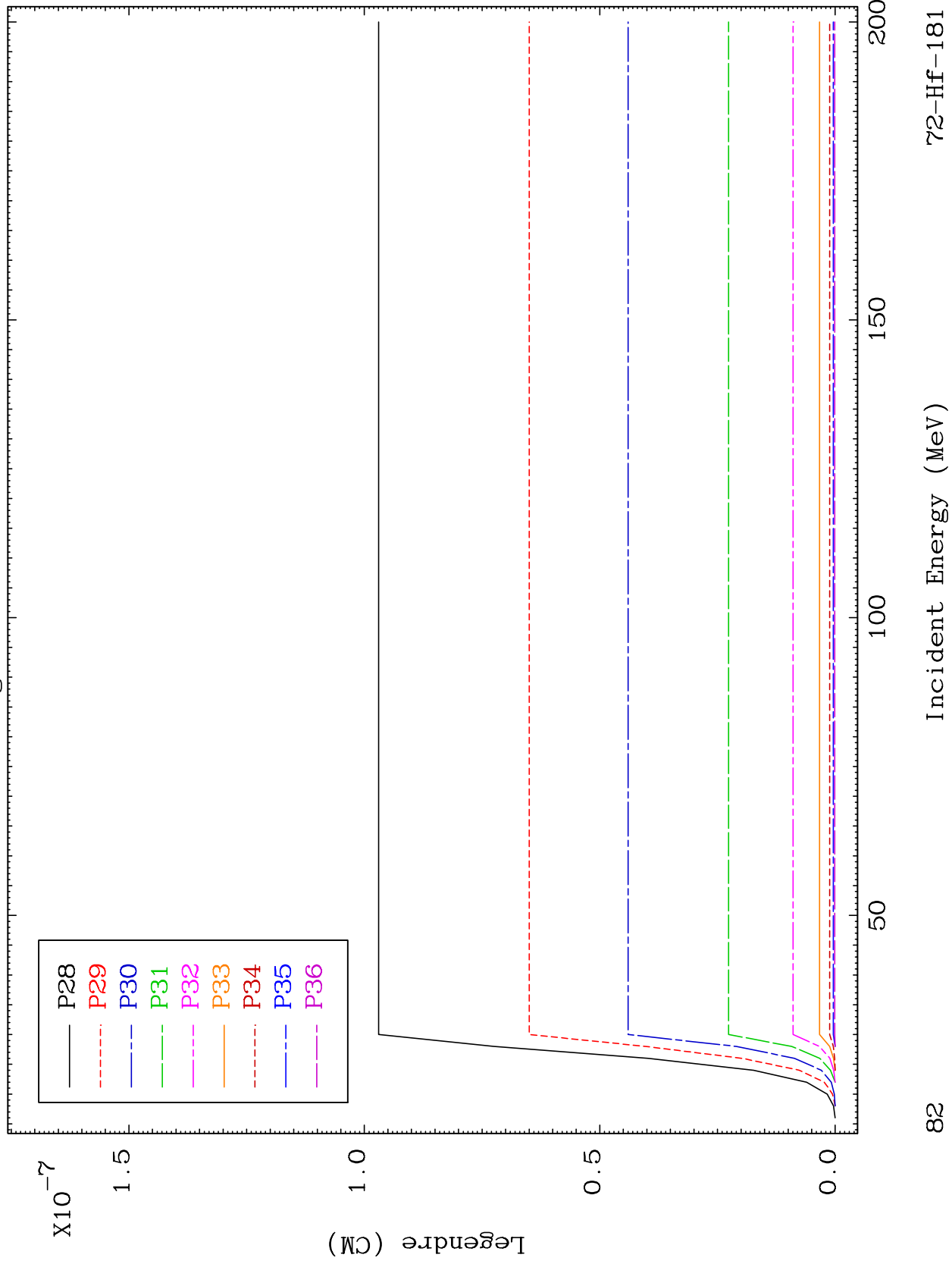
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



82

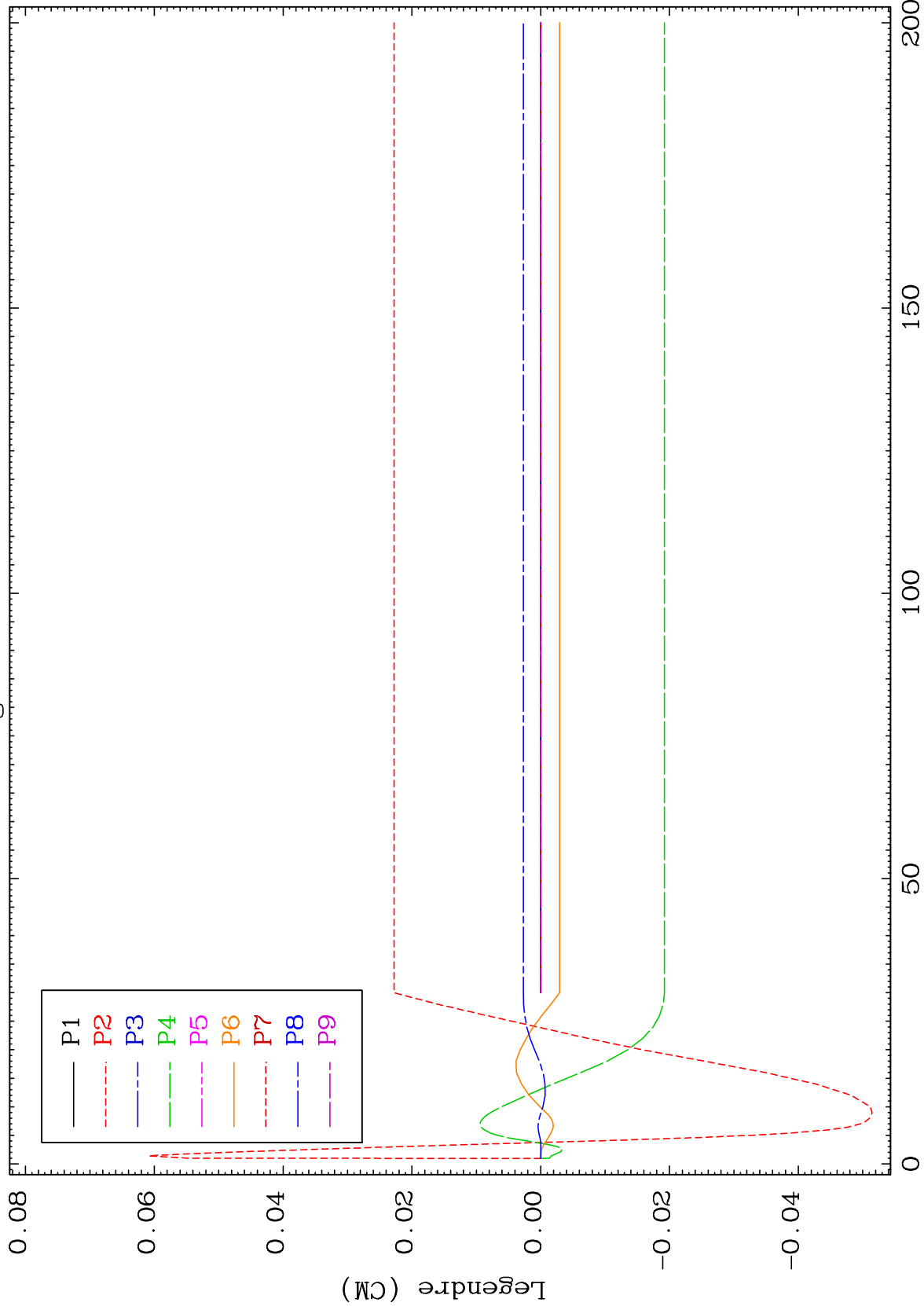
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



83

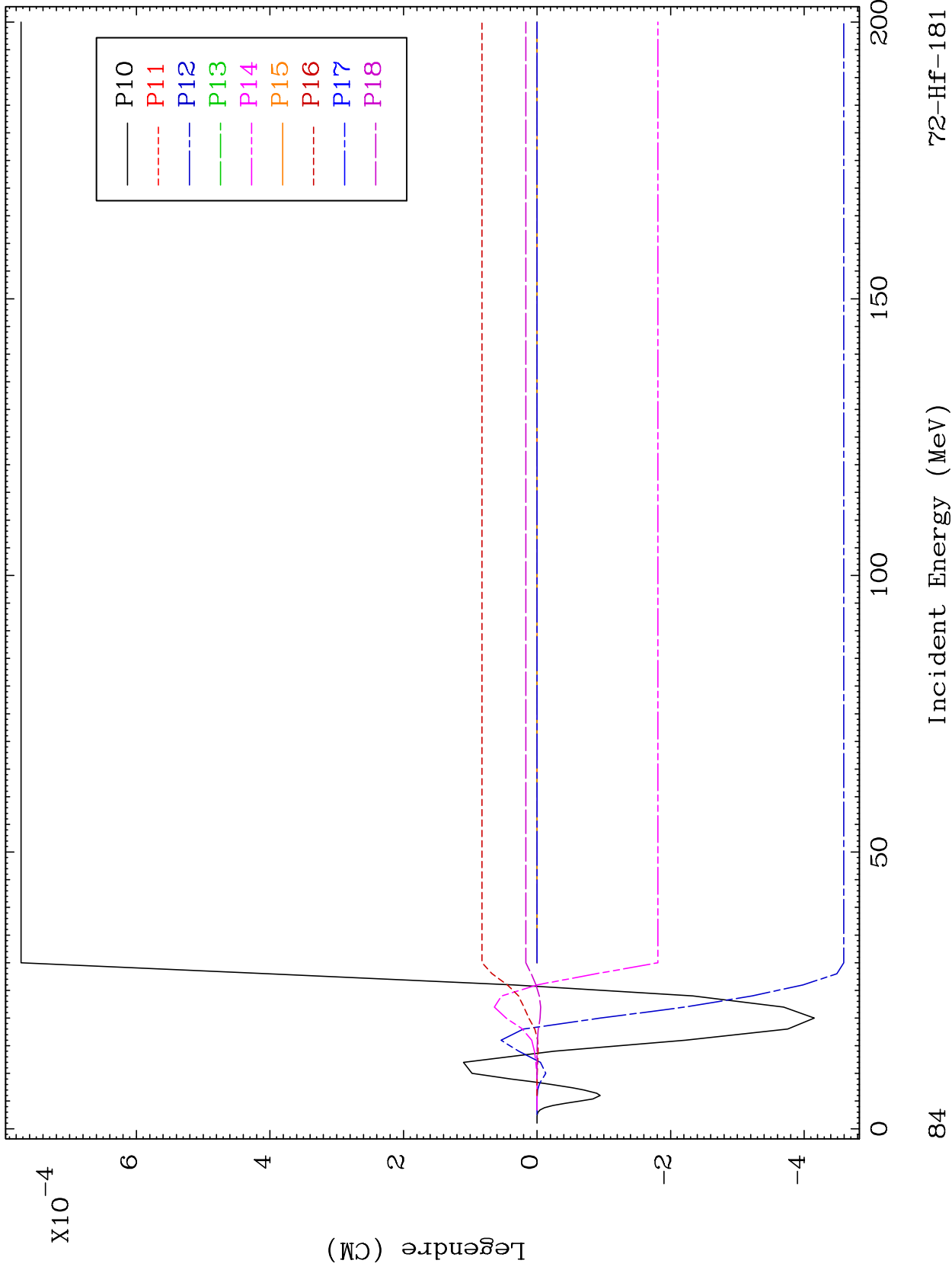
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

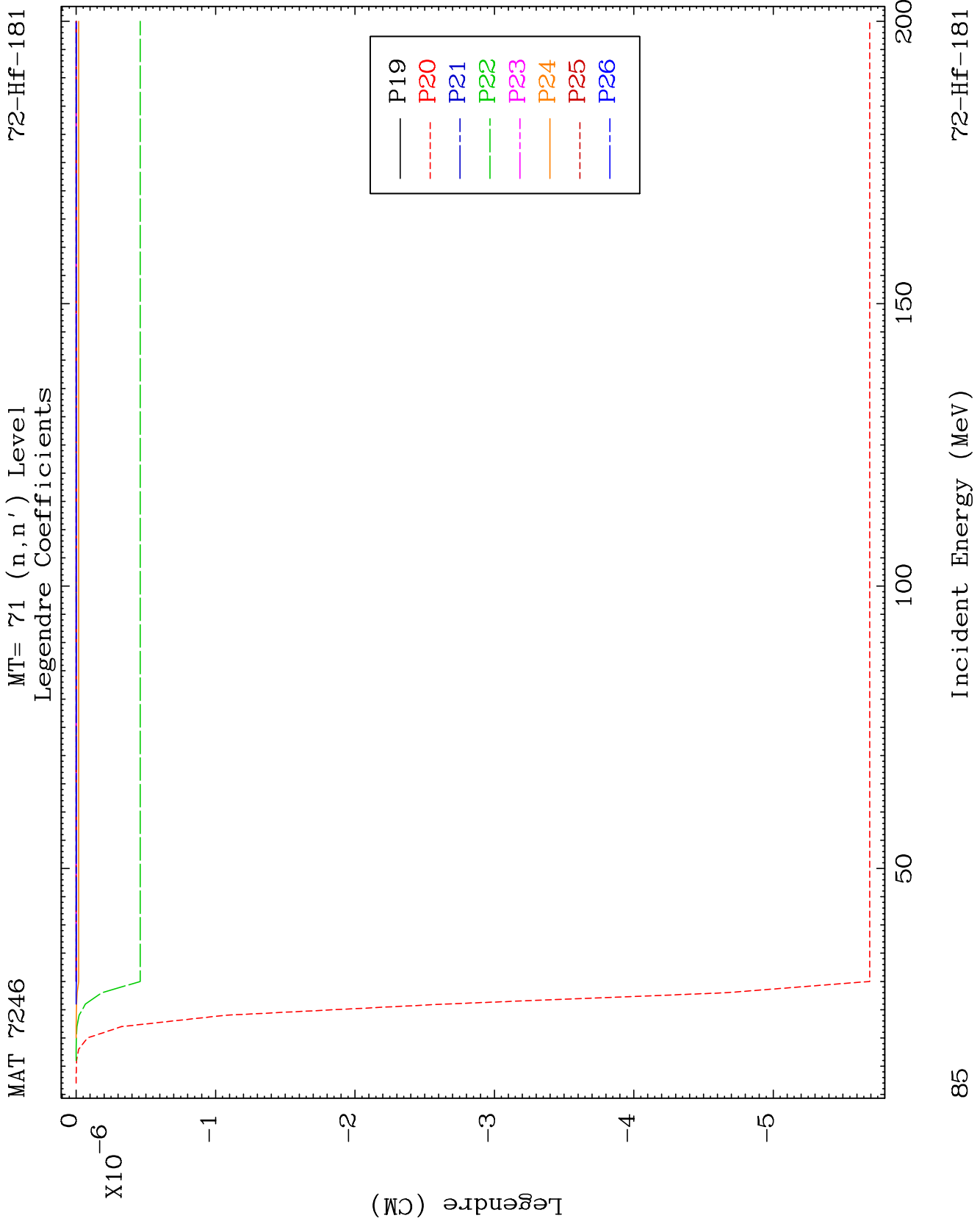
72-Hf-181



84

Incident Energy (MeV)

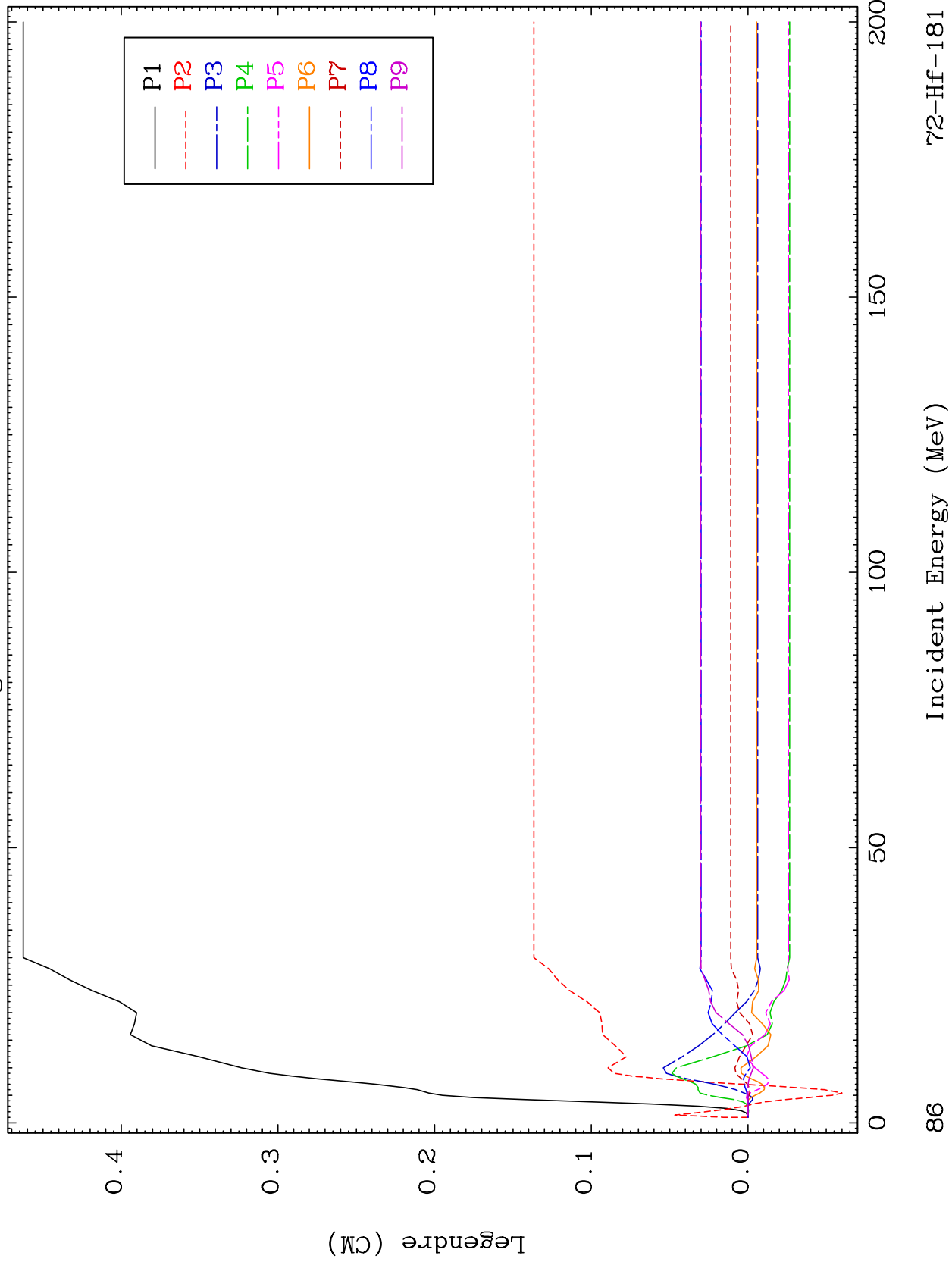
72-Hf-181



MAT 7246

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

72-Hf-181



72-Hf-181

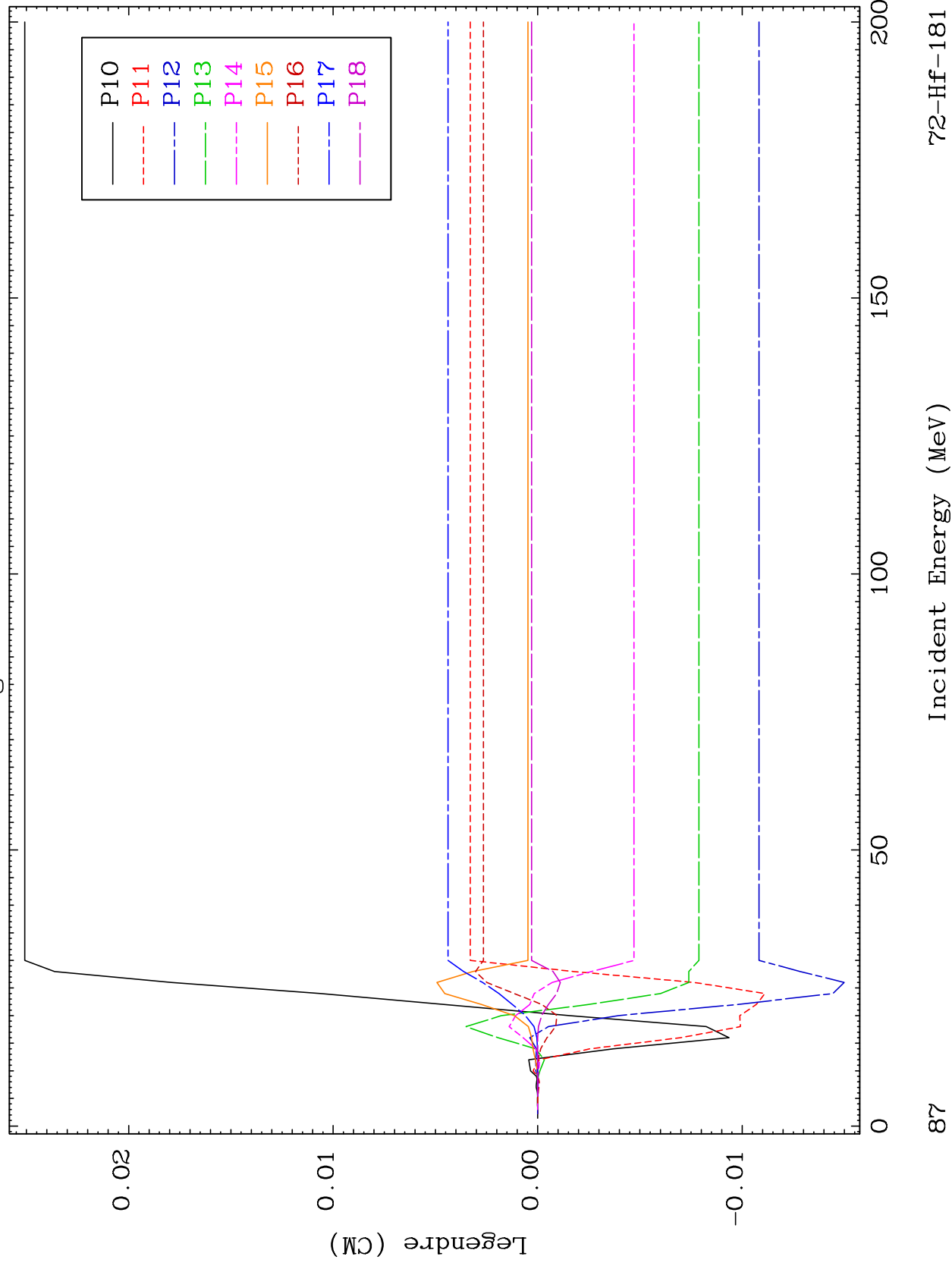
Incident Energy (MeV)

86

MAT 7246

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

72-Hf-181



87

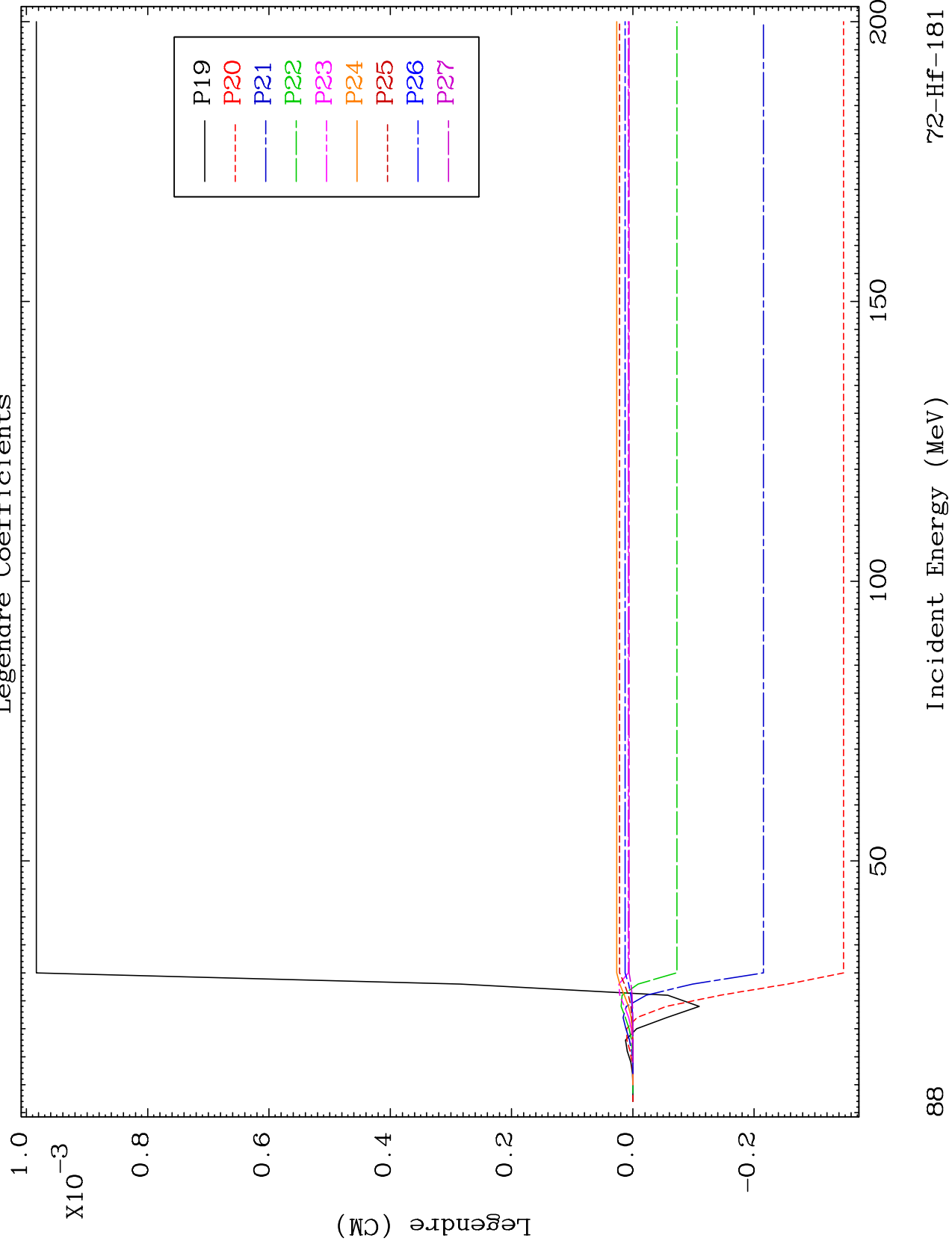
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



88

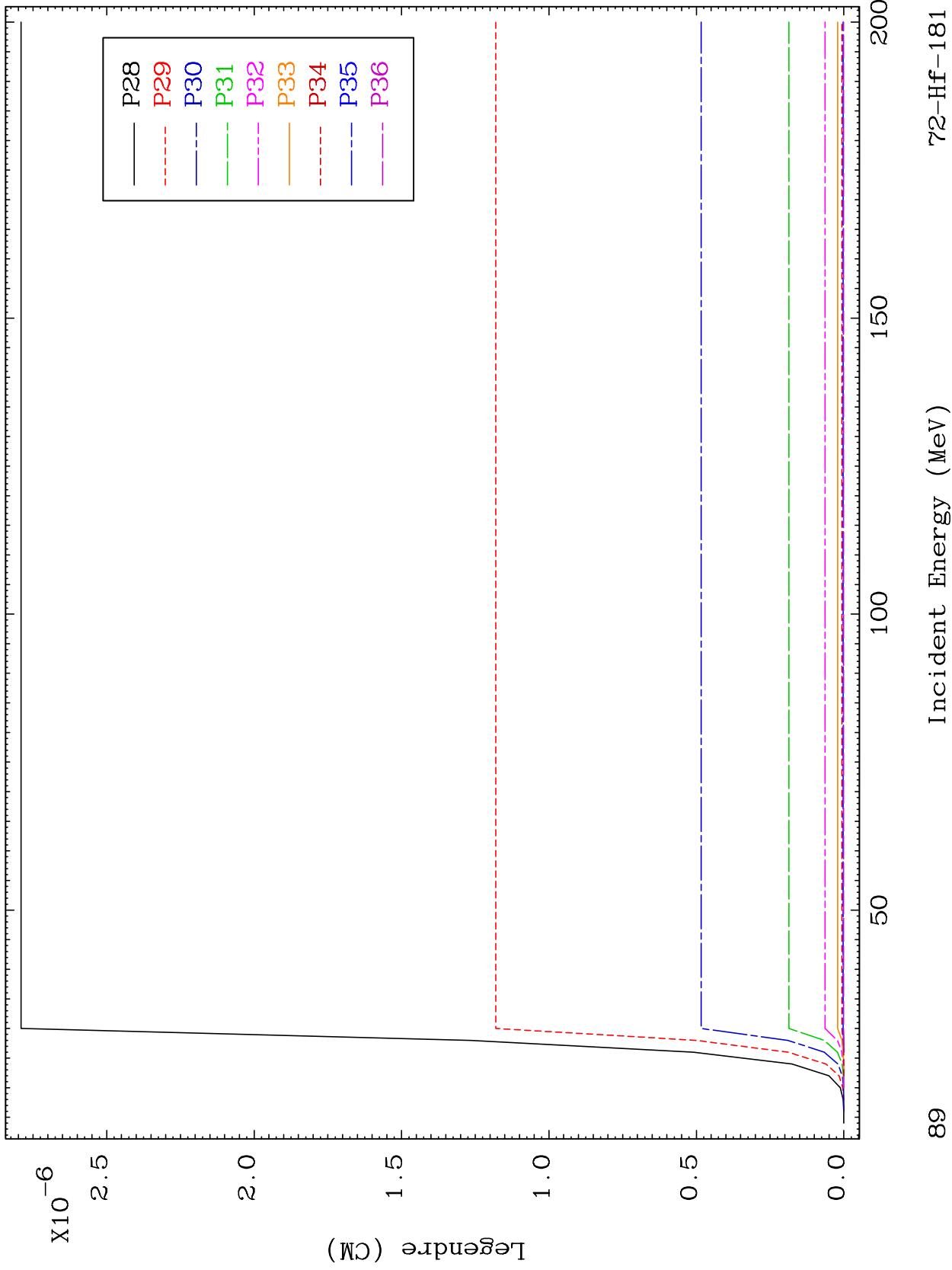
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

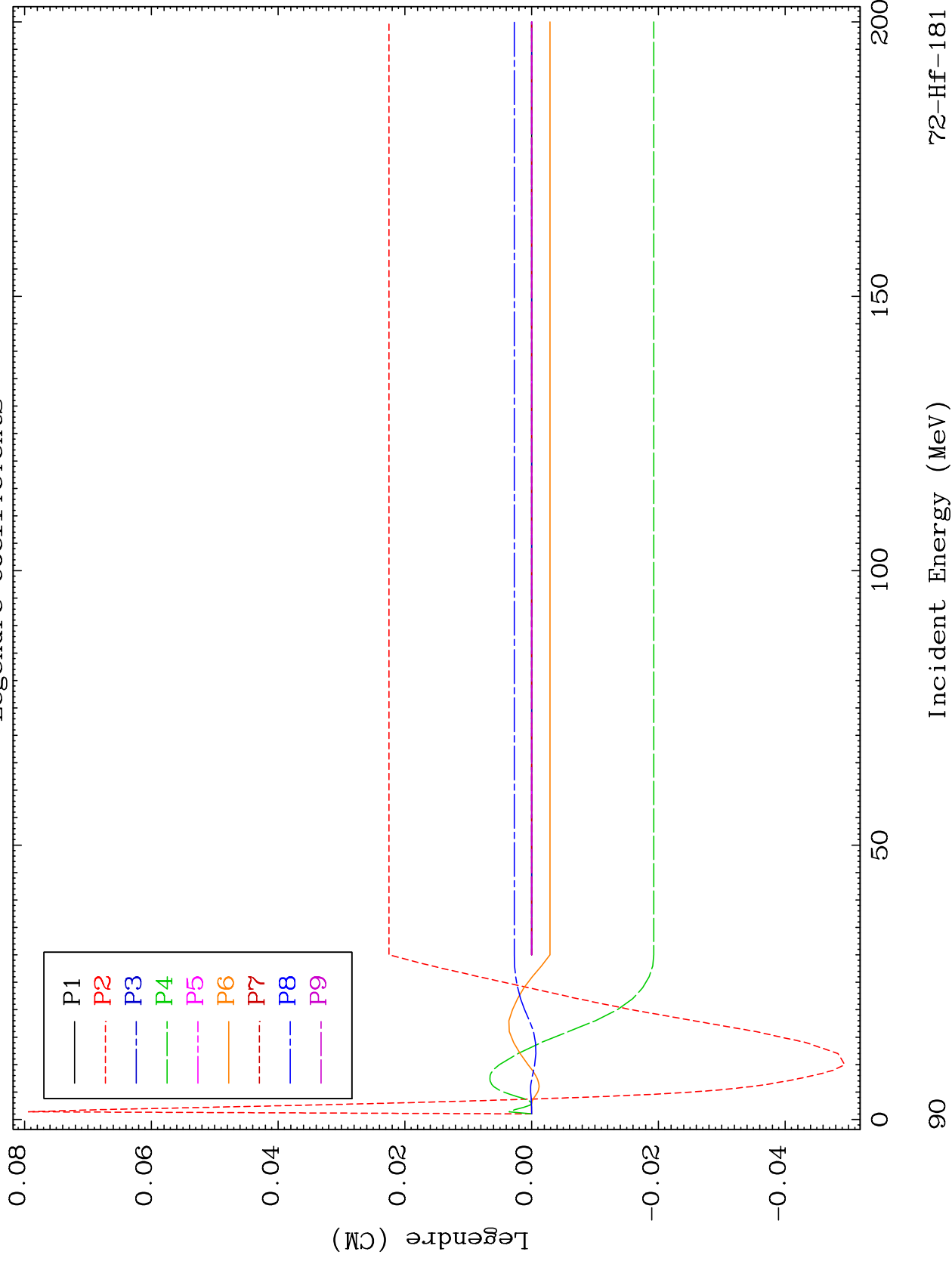
72-Hf-181



MAT 7246

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

72-Hf-181



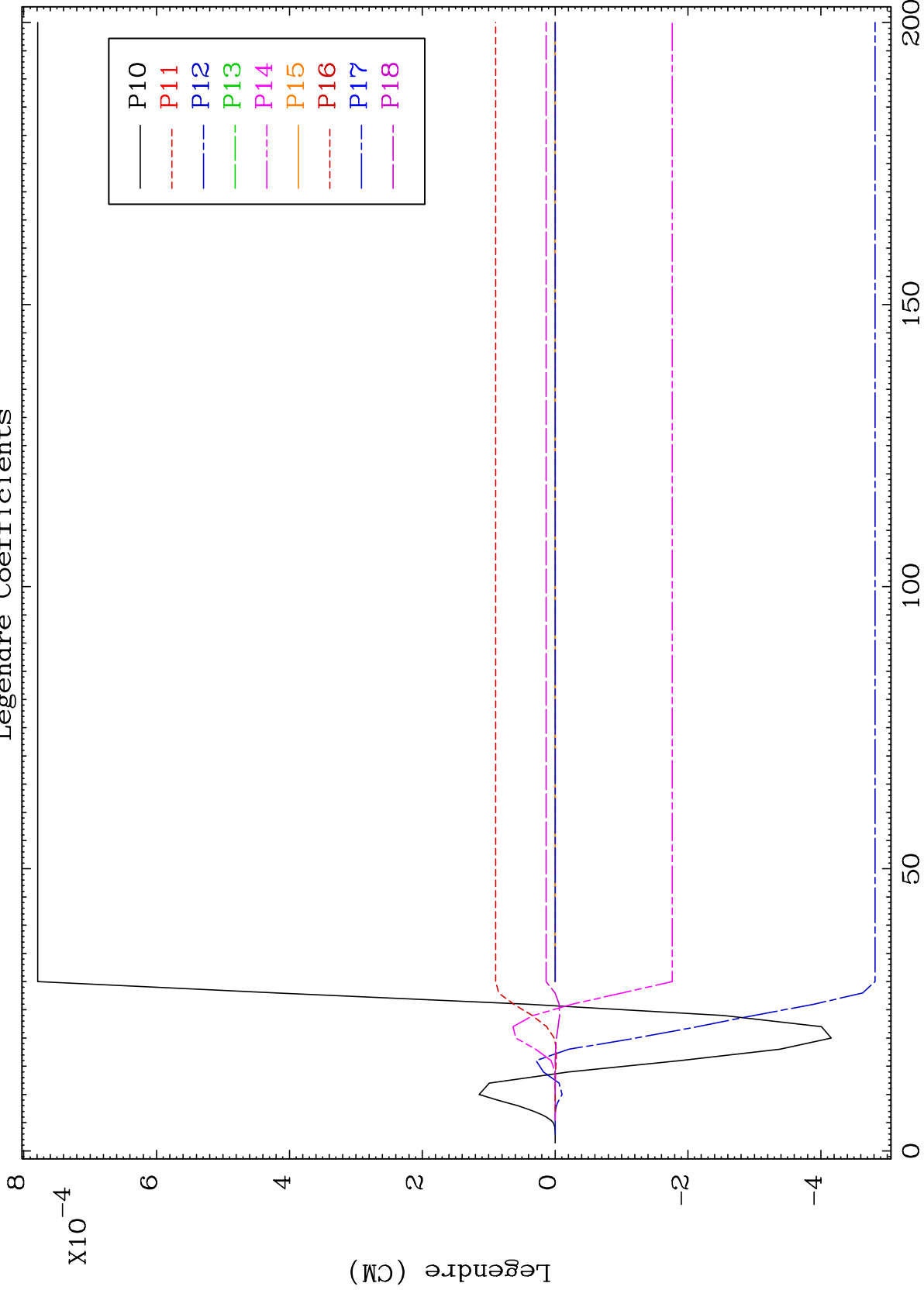
72-Hf-181

Incident Energy (MeV)

MAT 7246

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

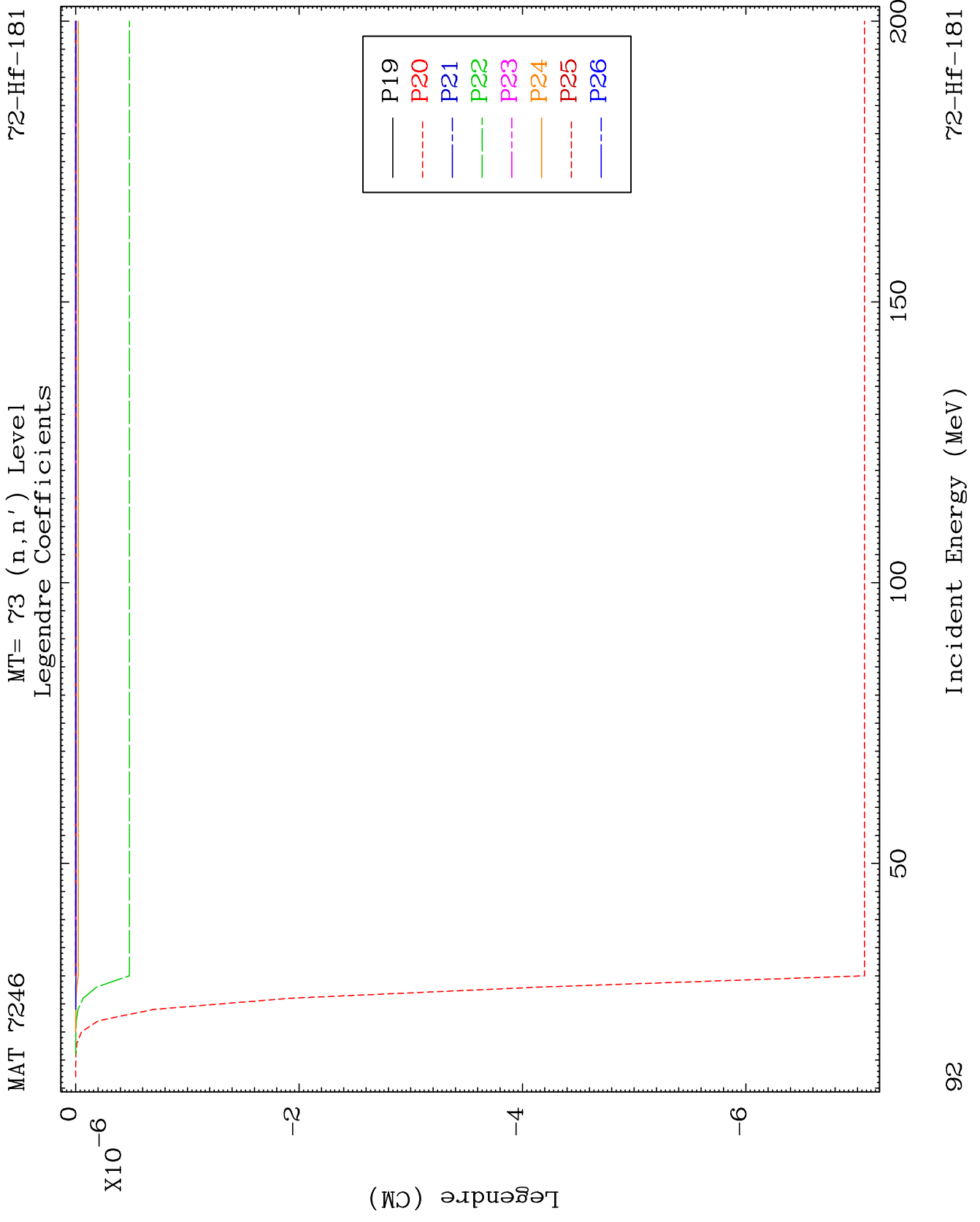
72-Hf-181



91

Incident Energy (MeV)

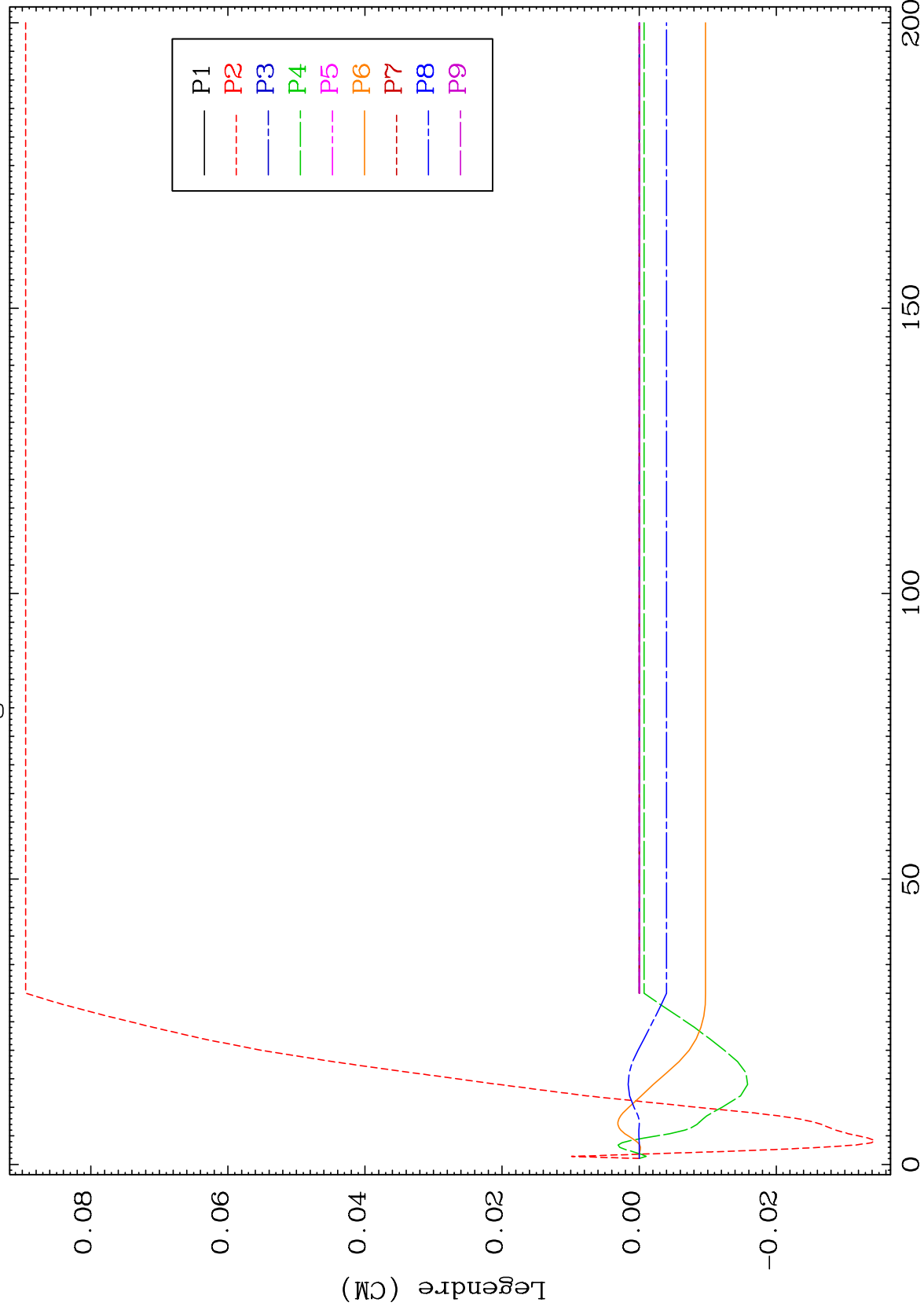
72-Hf-181



MAT 7246

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

72-Hf-181



93

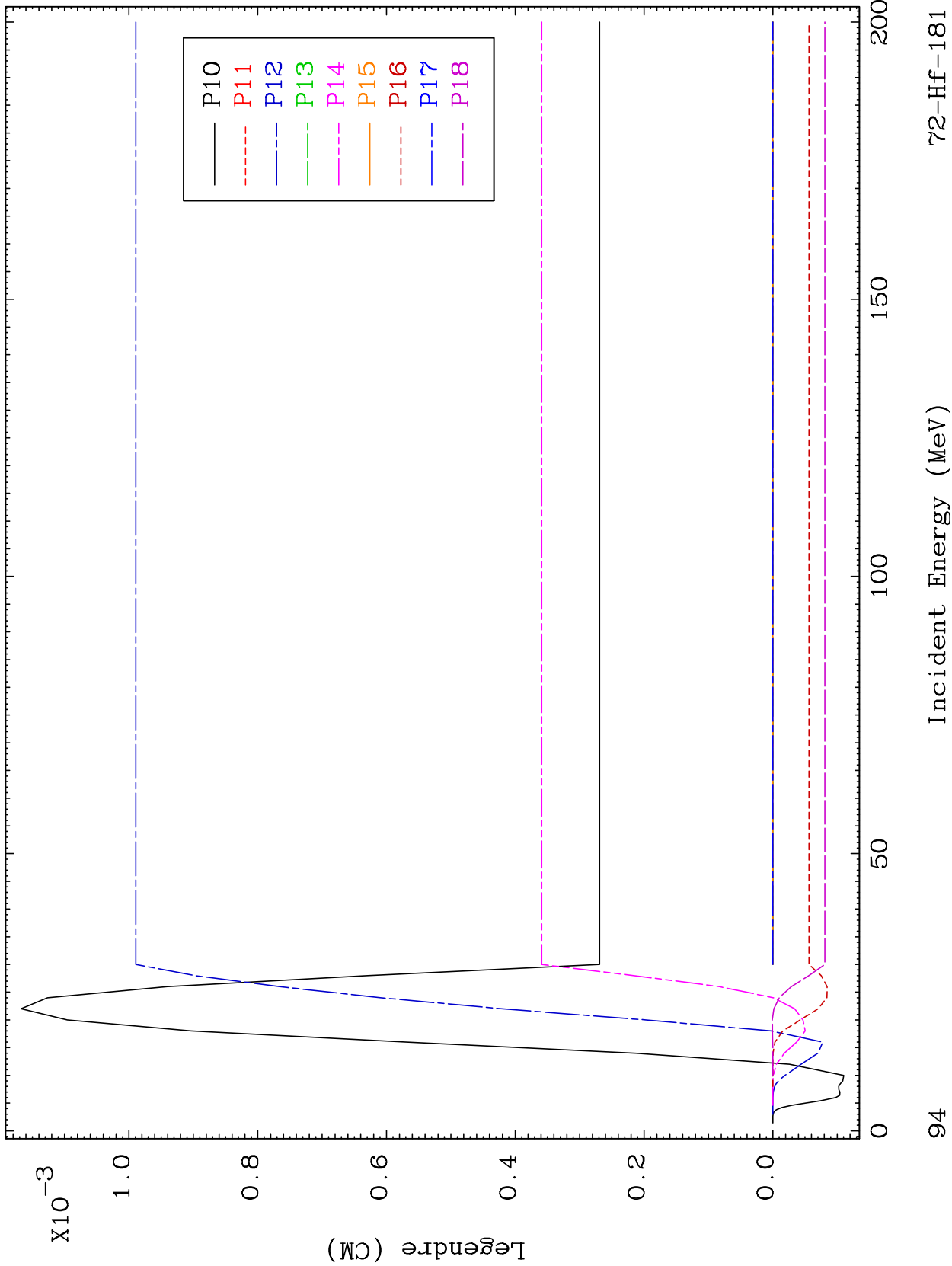
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



94

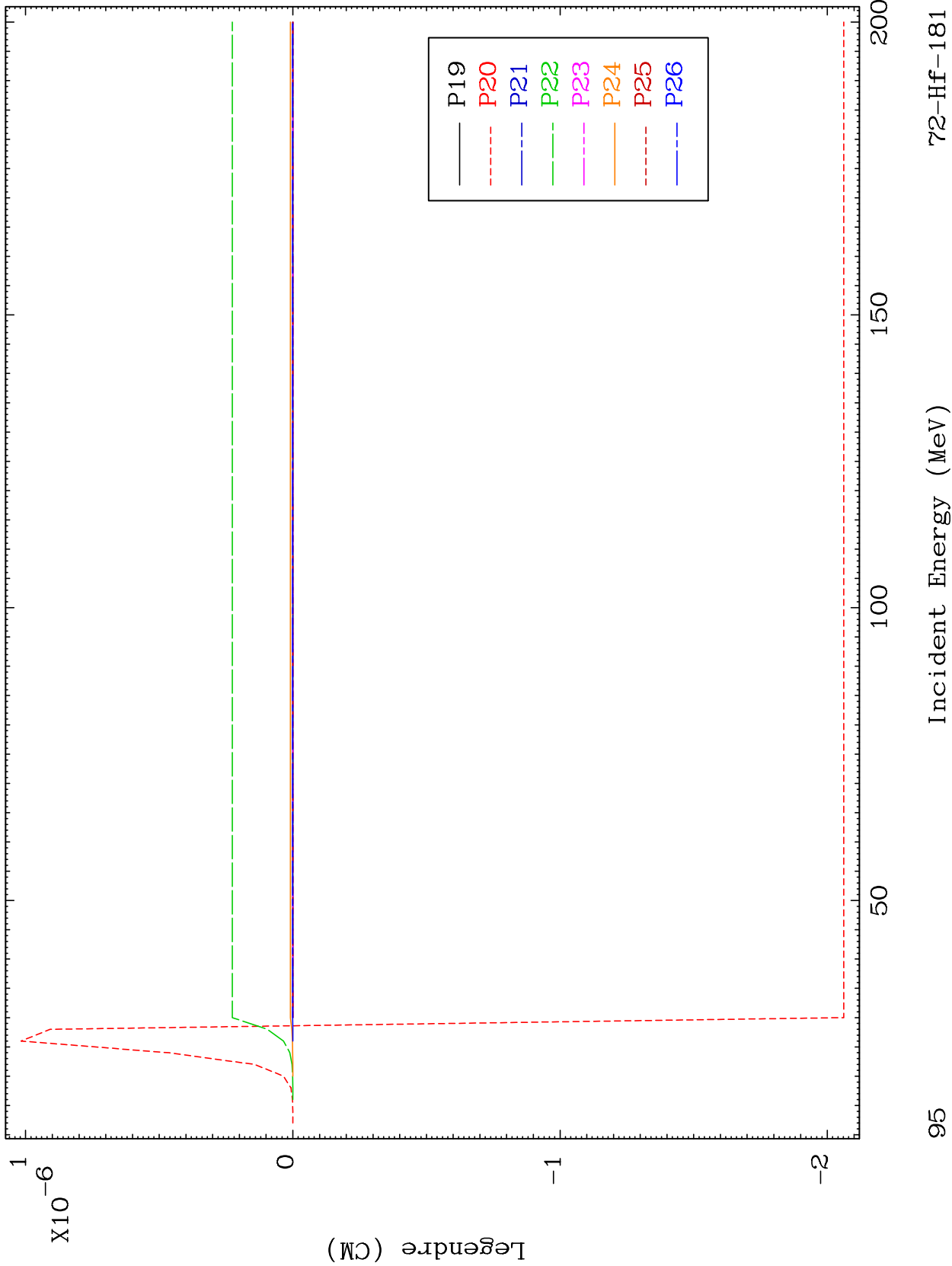
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



95

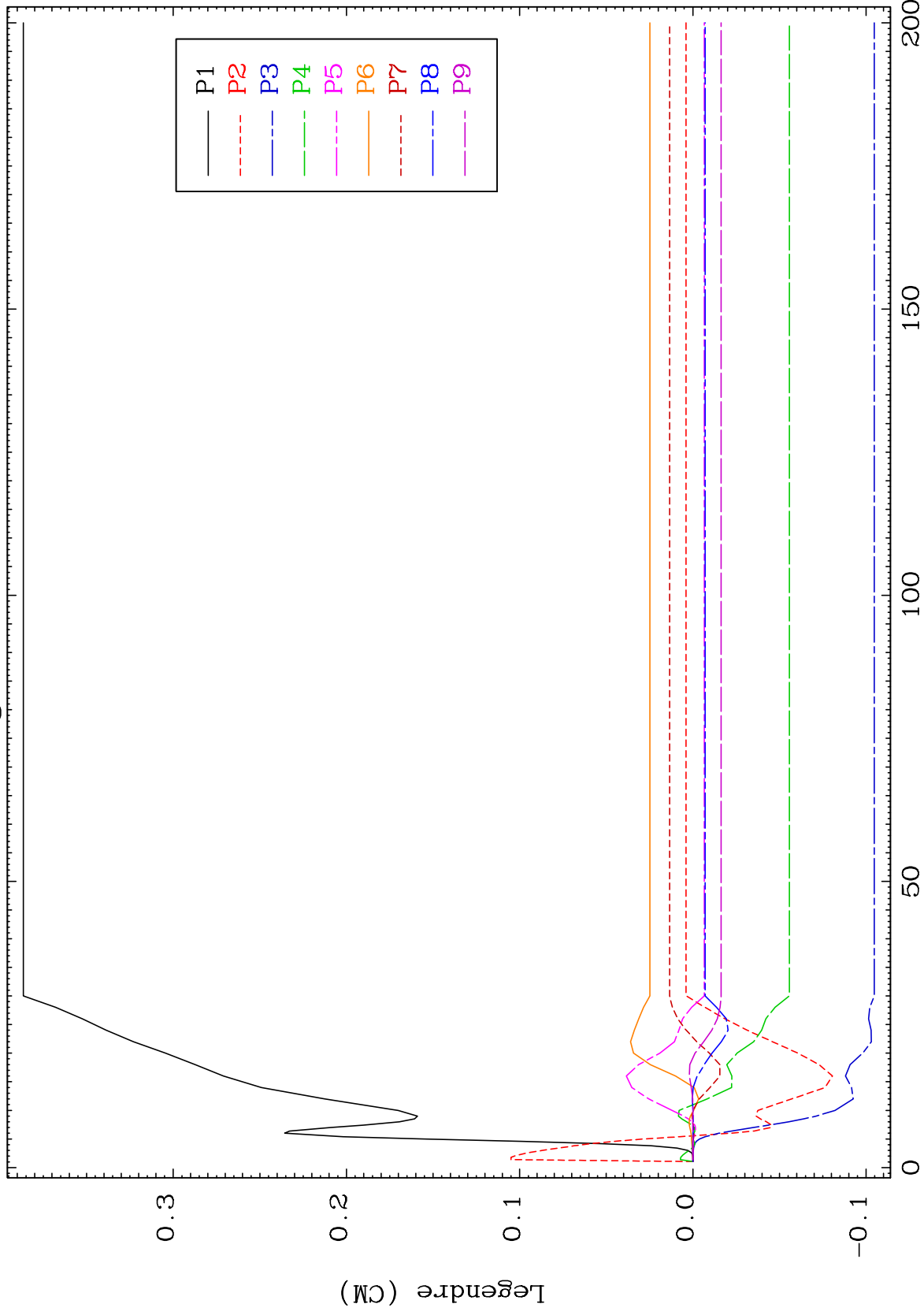
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



96

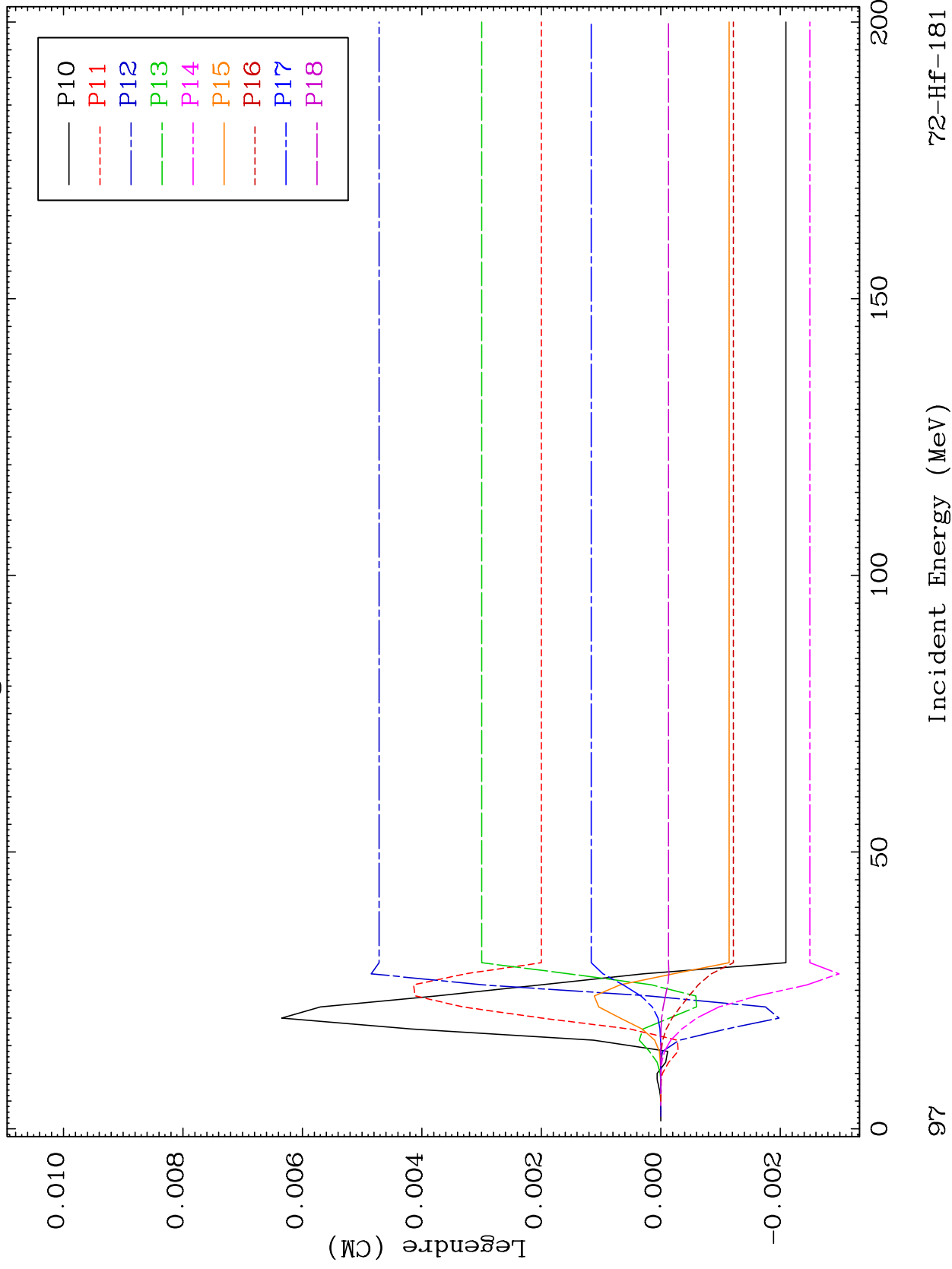
Incident Energy (MeV)

72-Hf-181

MAT 7246

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

72-Hf-181



72-Hf-181

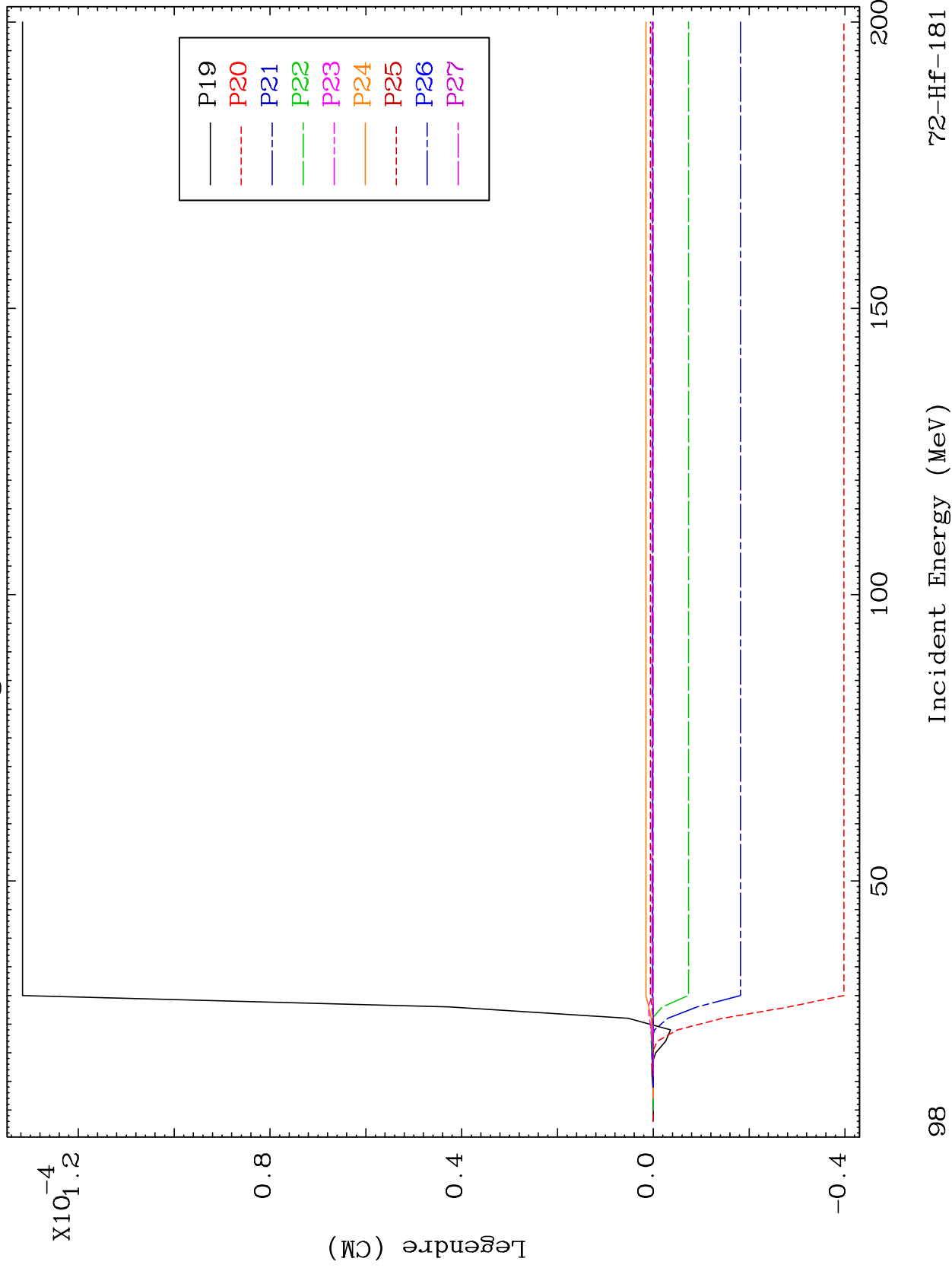
Incident Energy (MeV)

97

MAT 7246

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

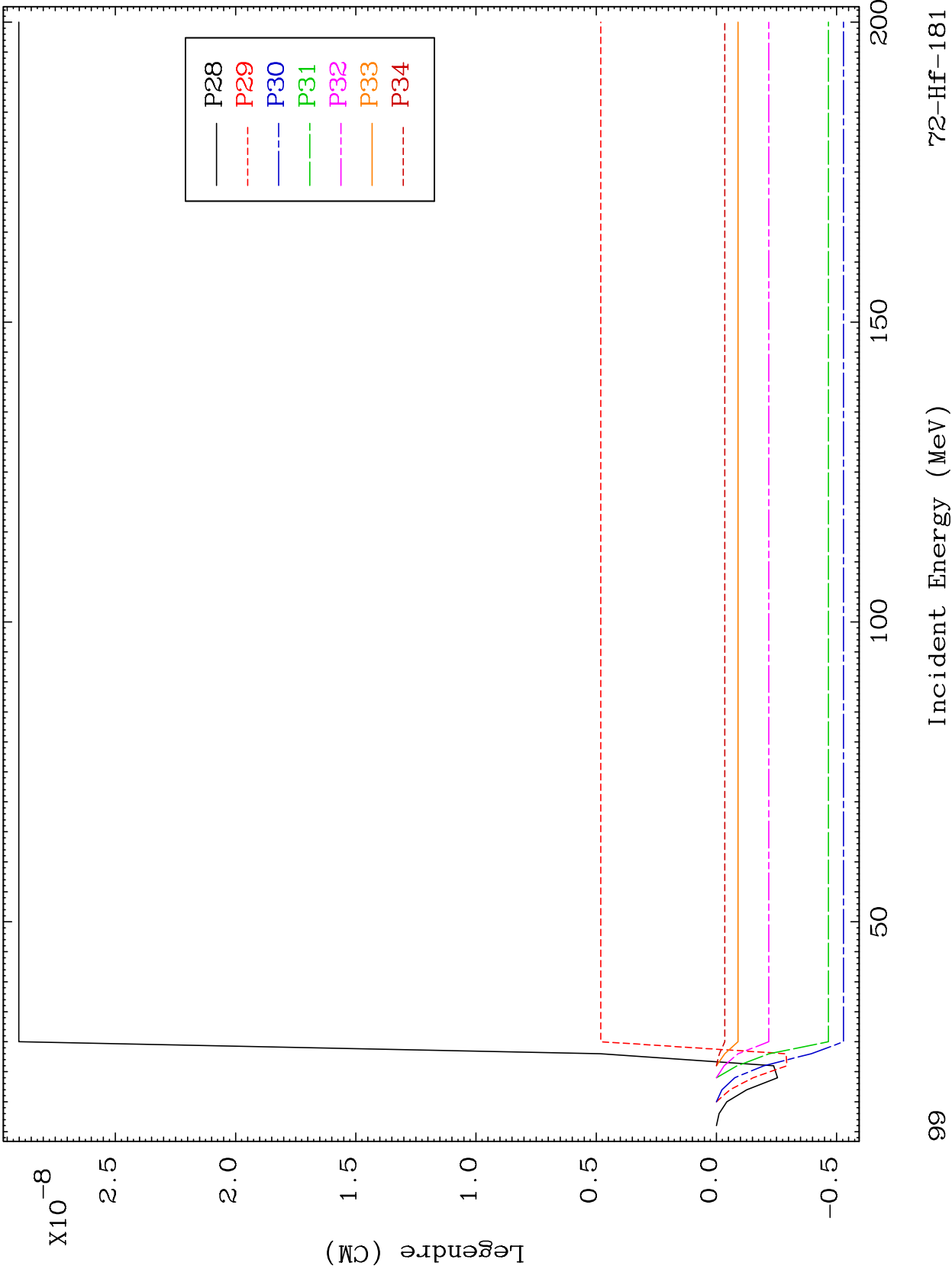
72-Hf-181

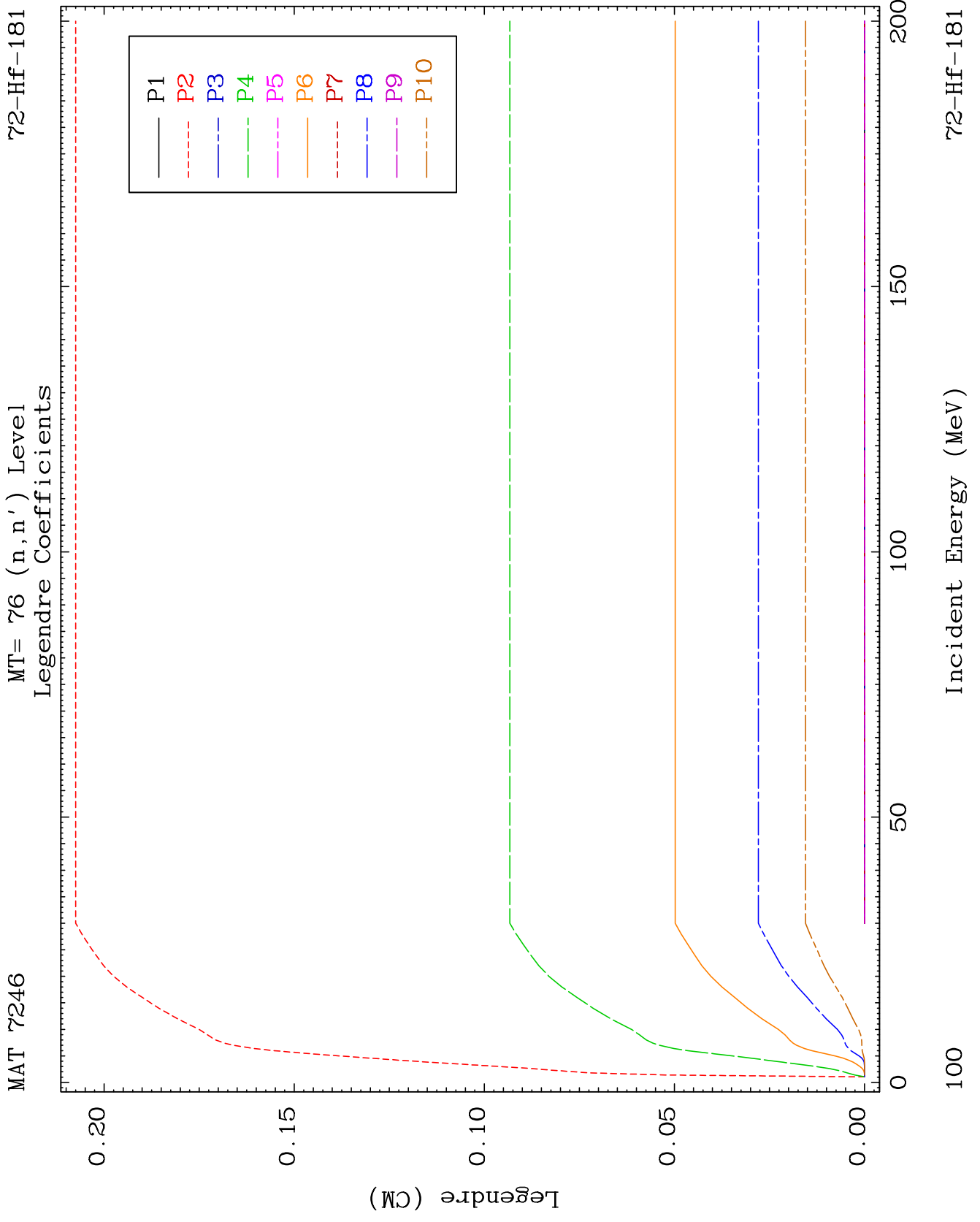


MAT 7246

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

72-Hf-181

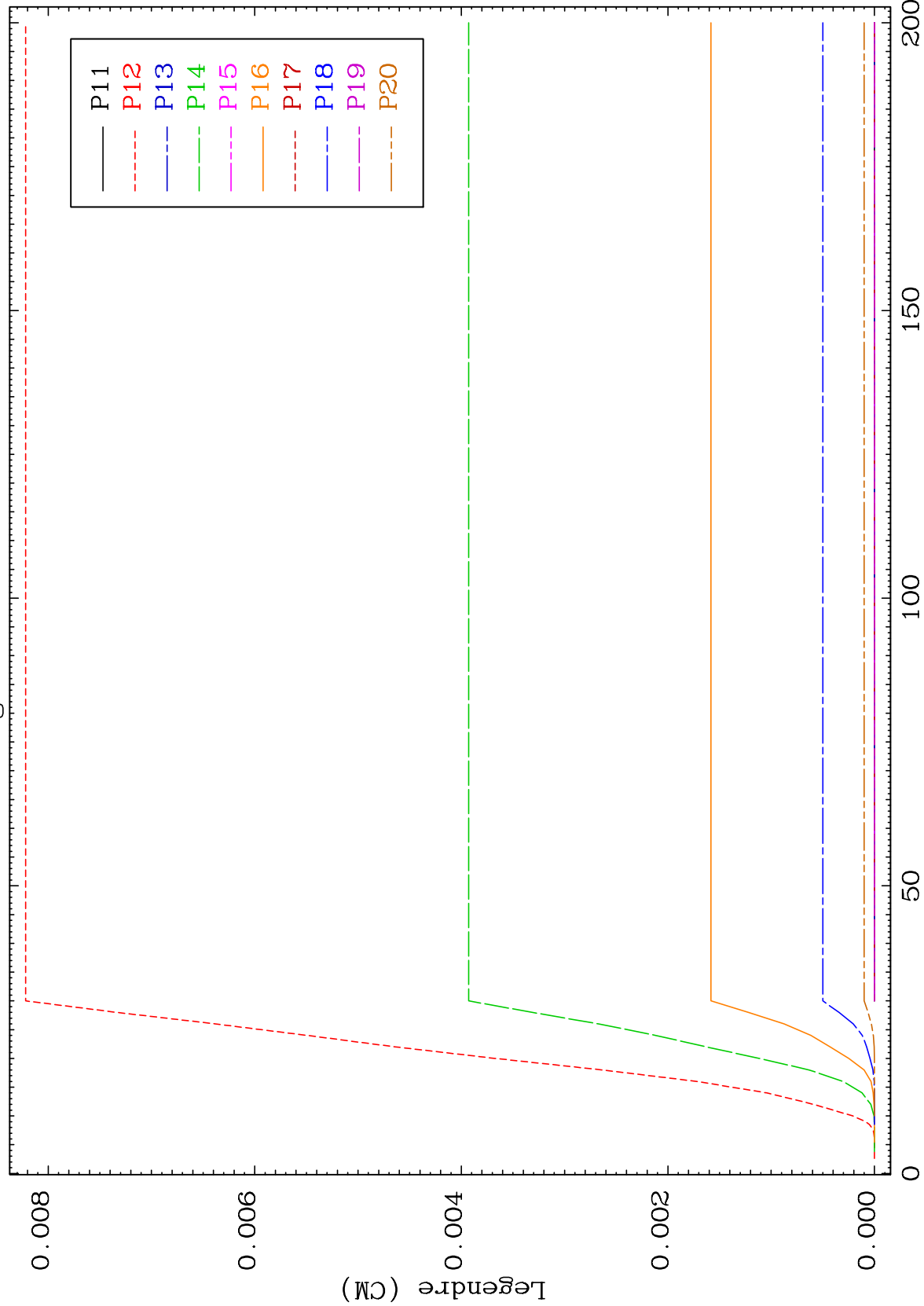




MAT 7246

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

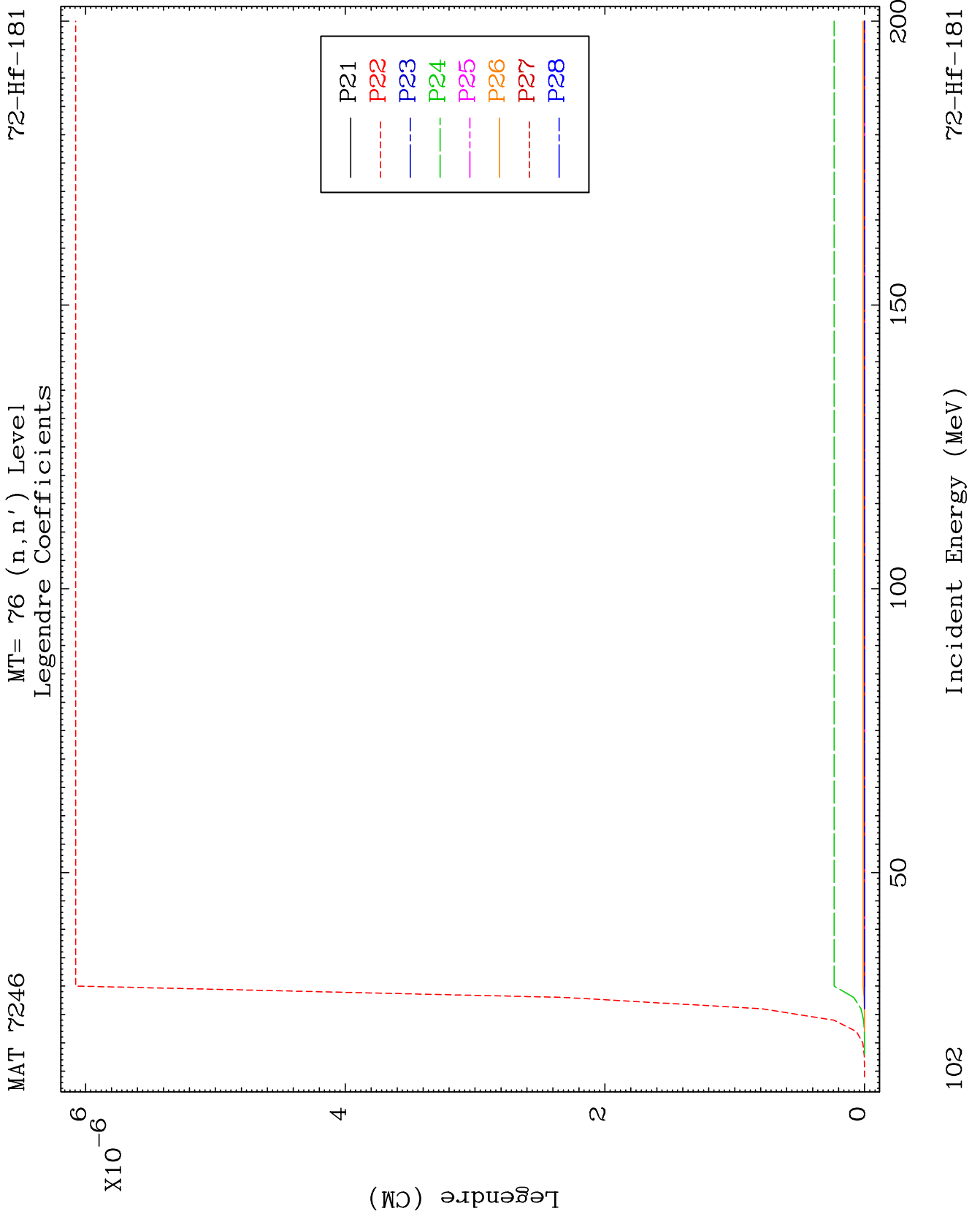
72-Hf-181



101

Incident Energy (MeV)

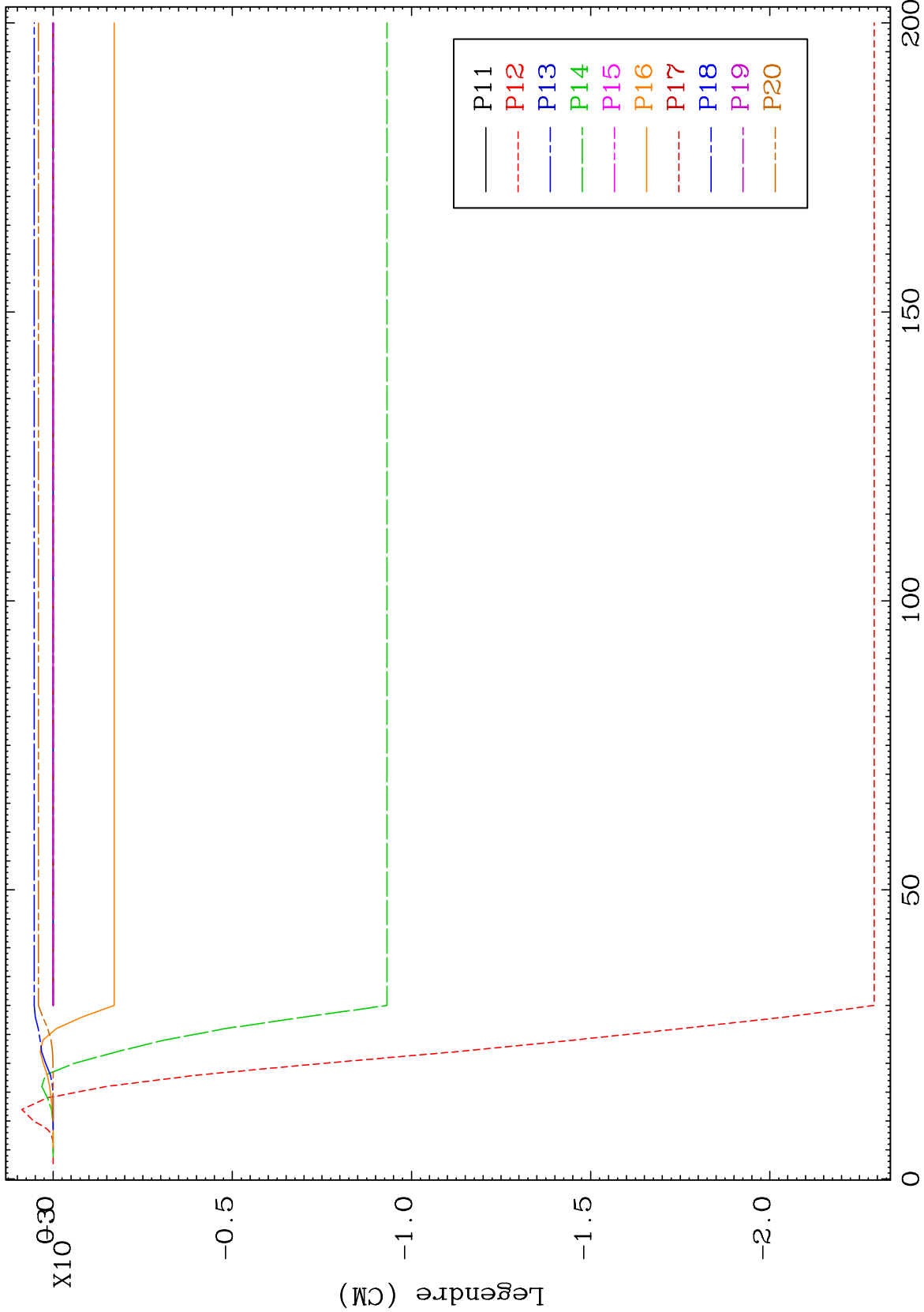
72-Hf-181



MAT 7246

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

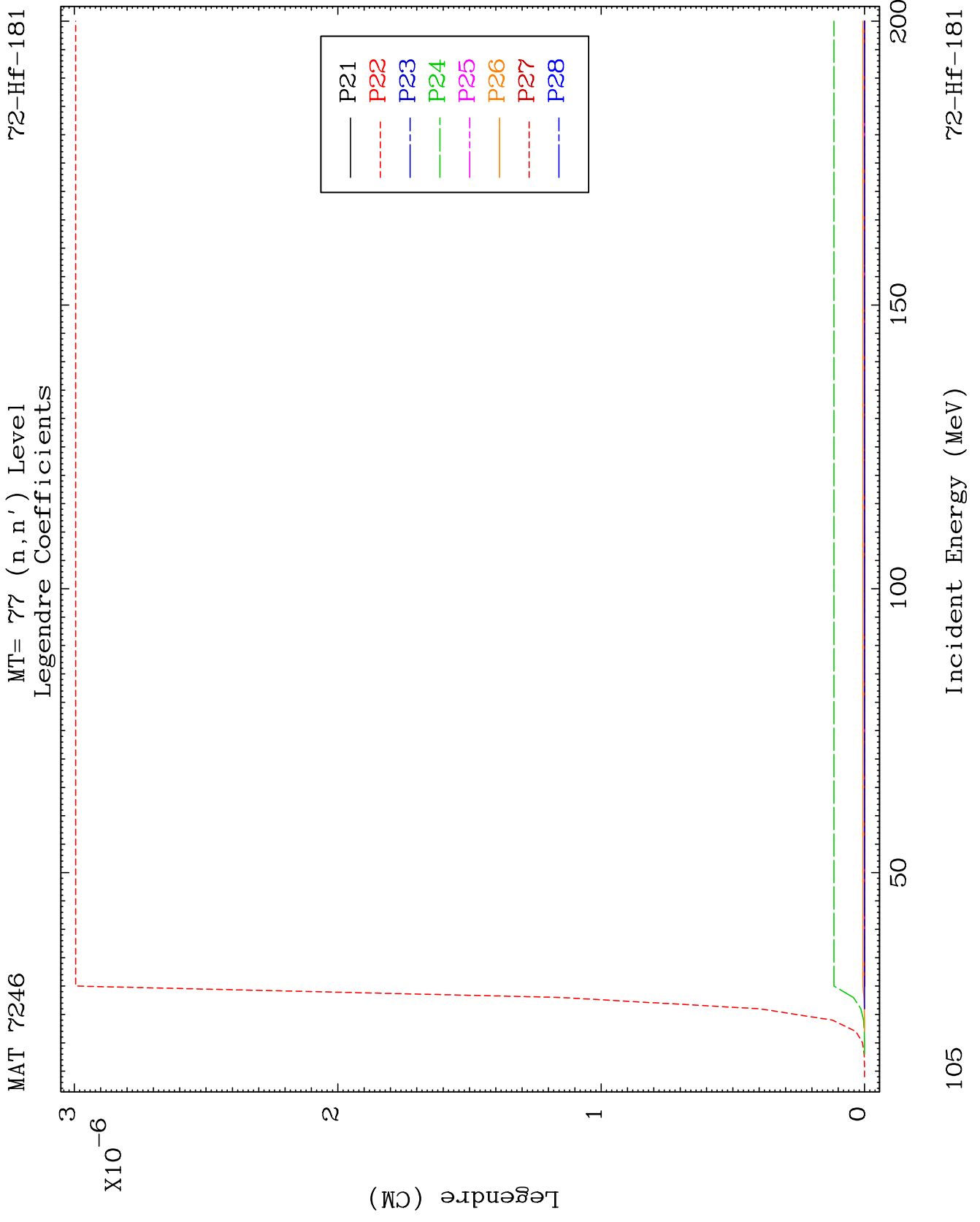
72-Hf-181

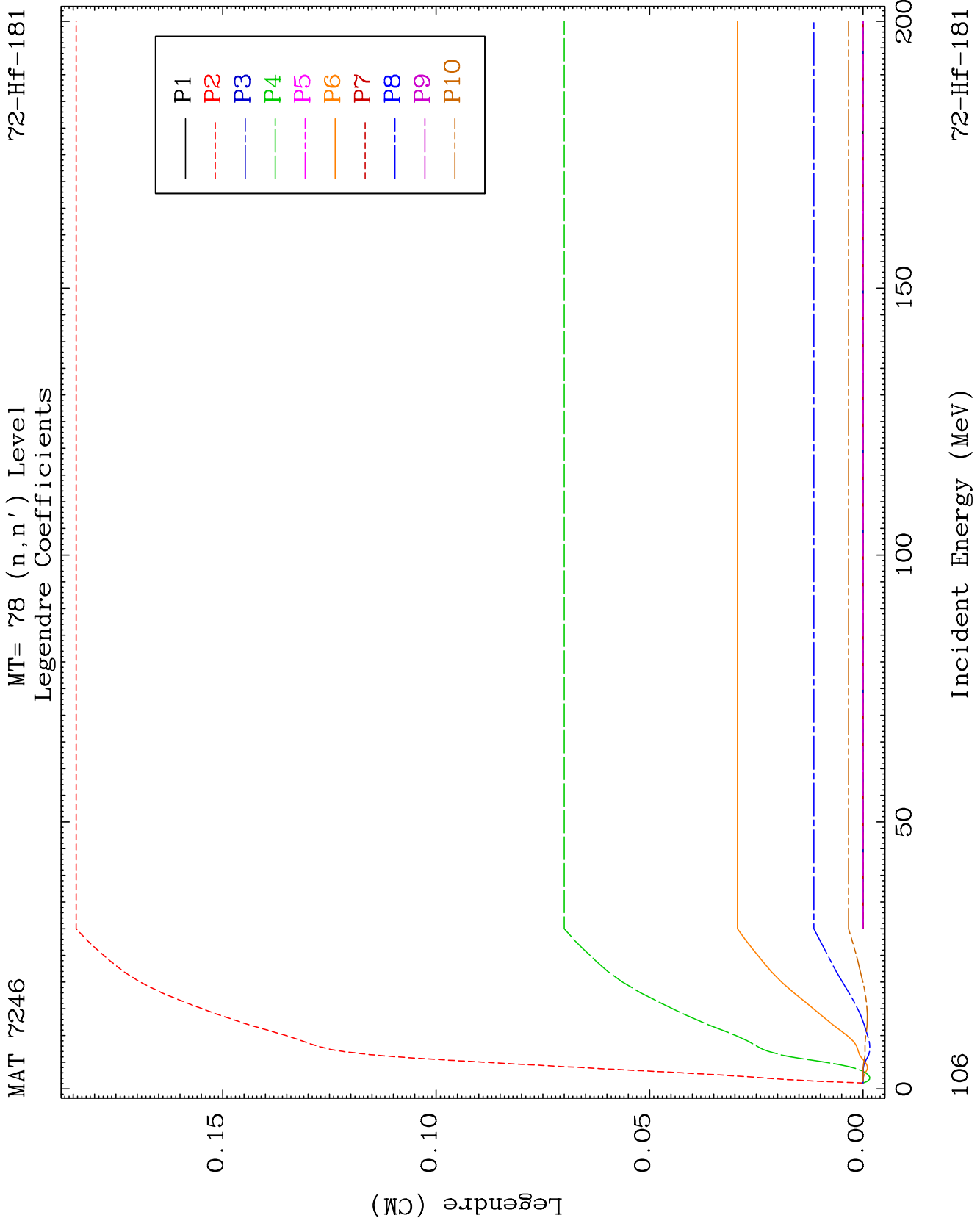


104

Incident Energy (MeV)

72-Hf-181

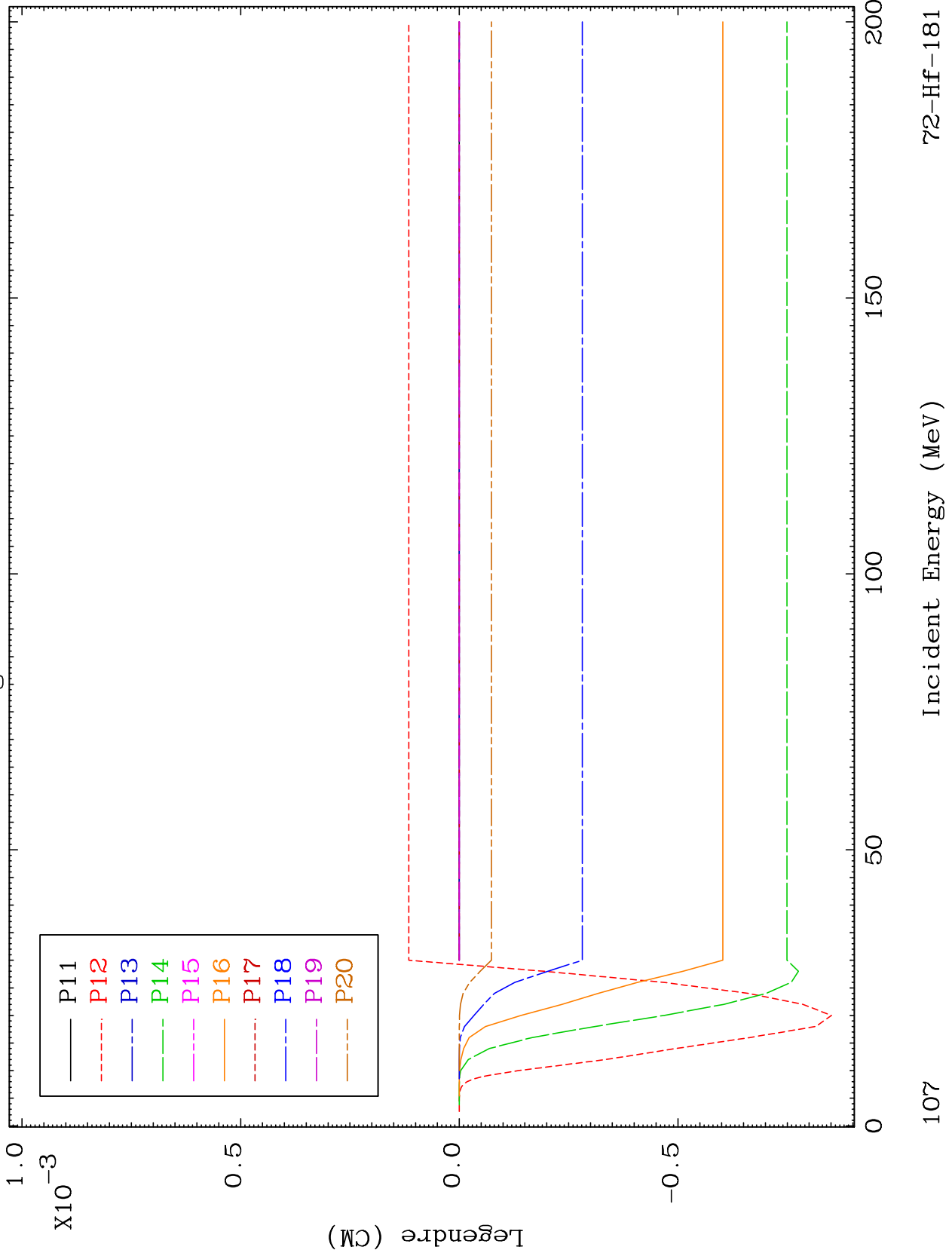




MAT 7246

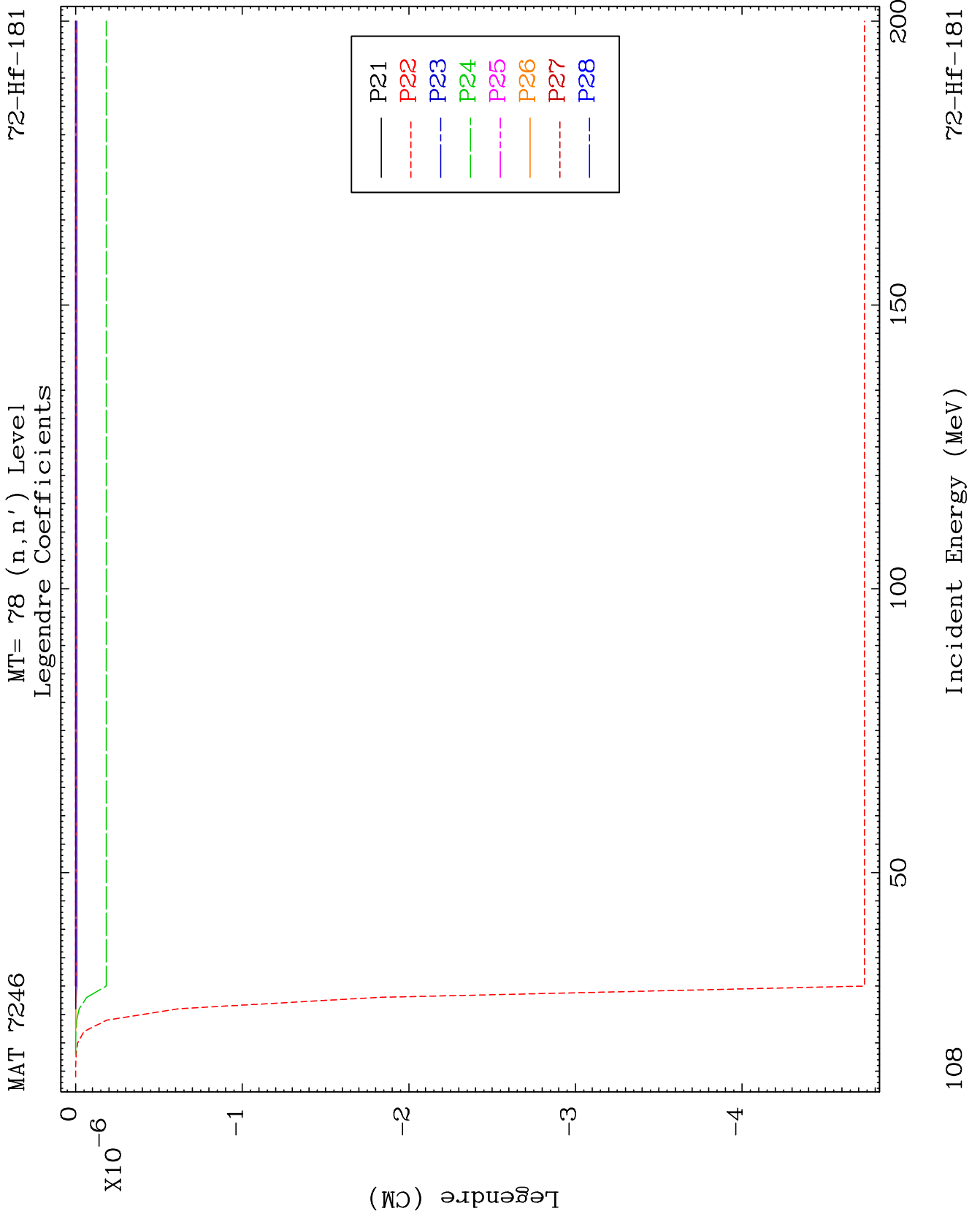
MT= 78 (n,n') Level
Legendre Coefficients

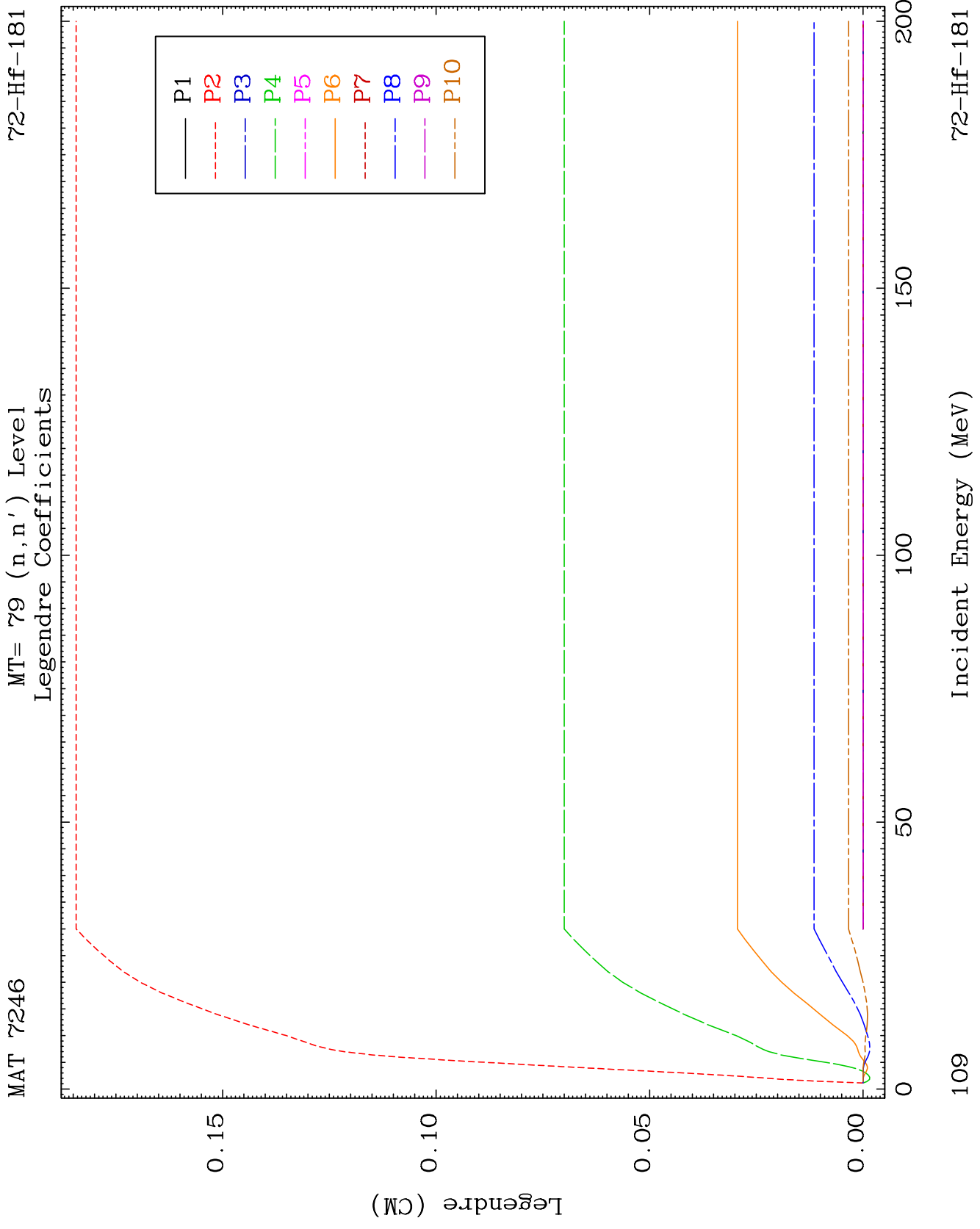
72-Hf-181



107

72-Hf-181

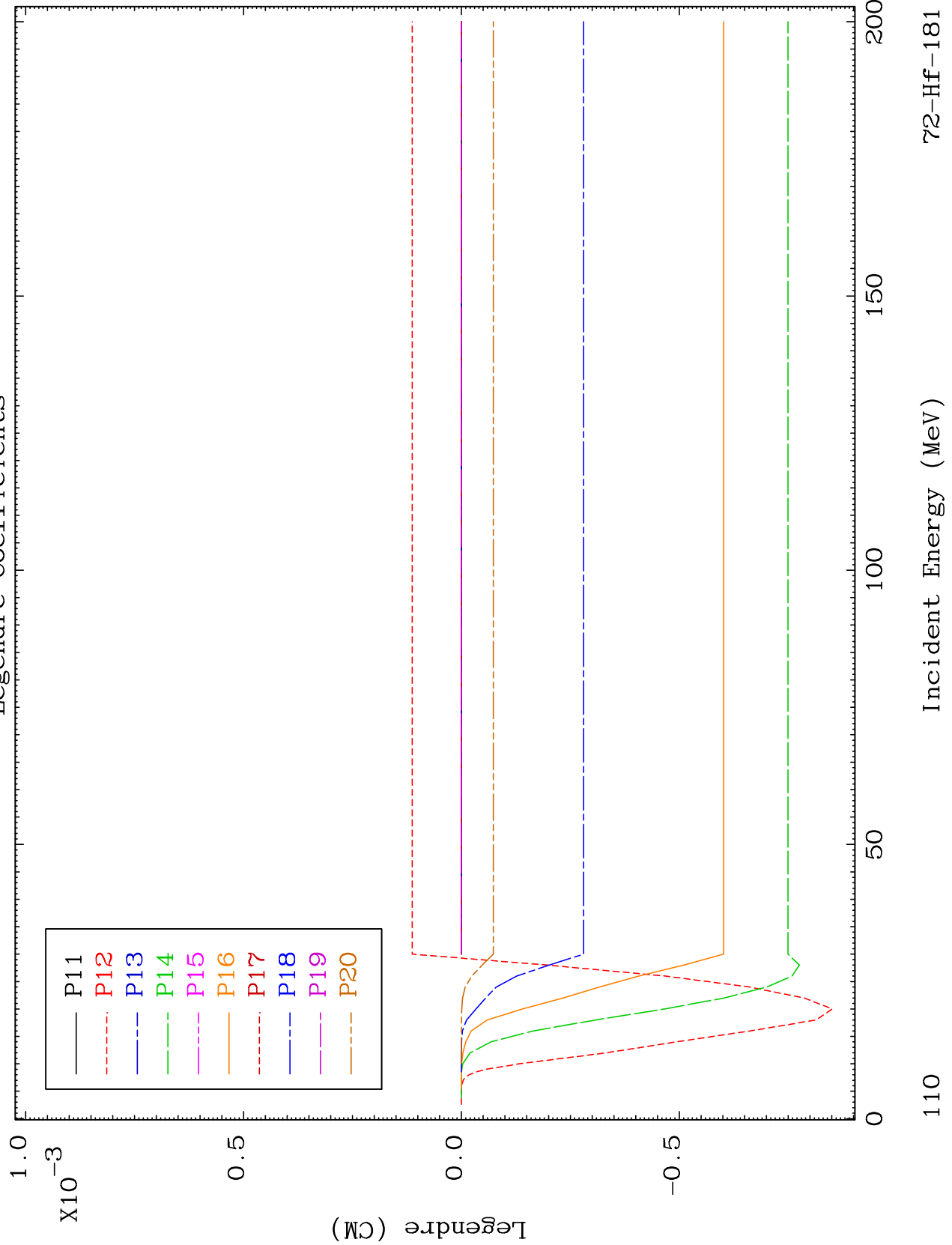




MAT 7246

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

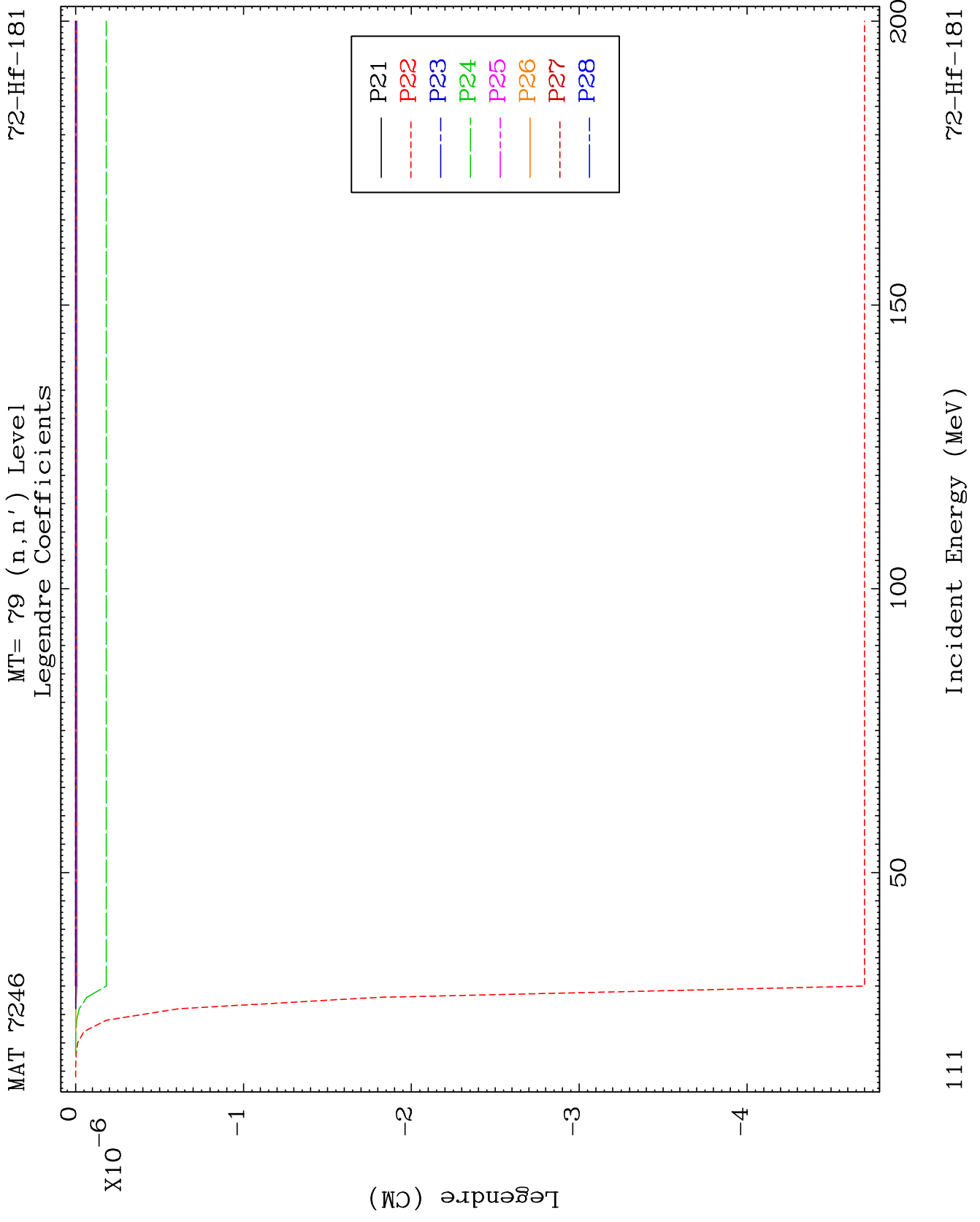
72-Hf-181



72-Hf-181

Incident Energy (MeV)

110

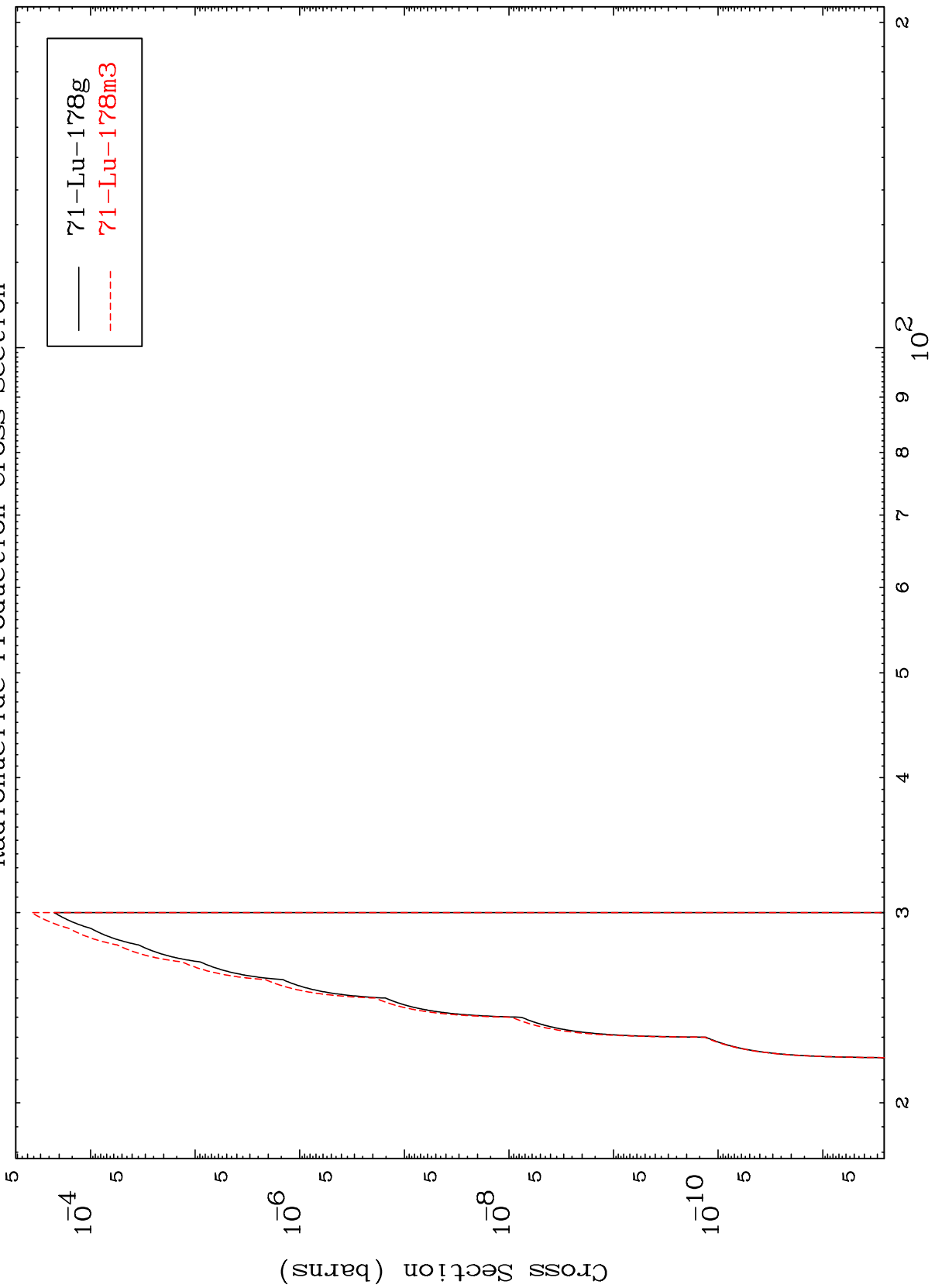


MAT 7246

(n,2n) d

72-Hf-181

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

112

Incident Energy (MeV)

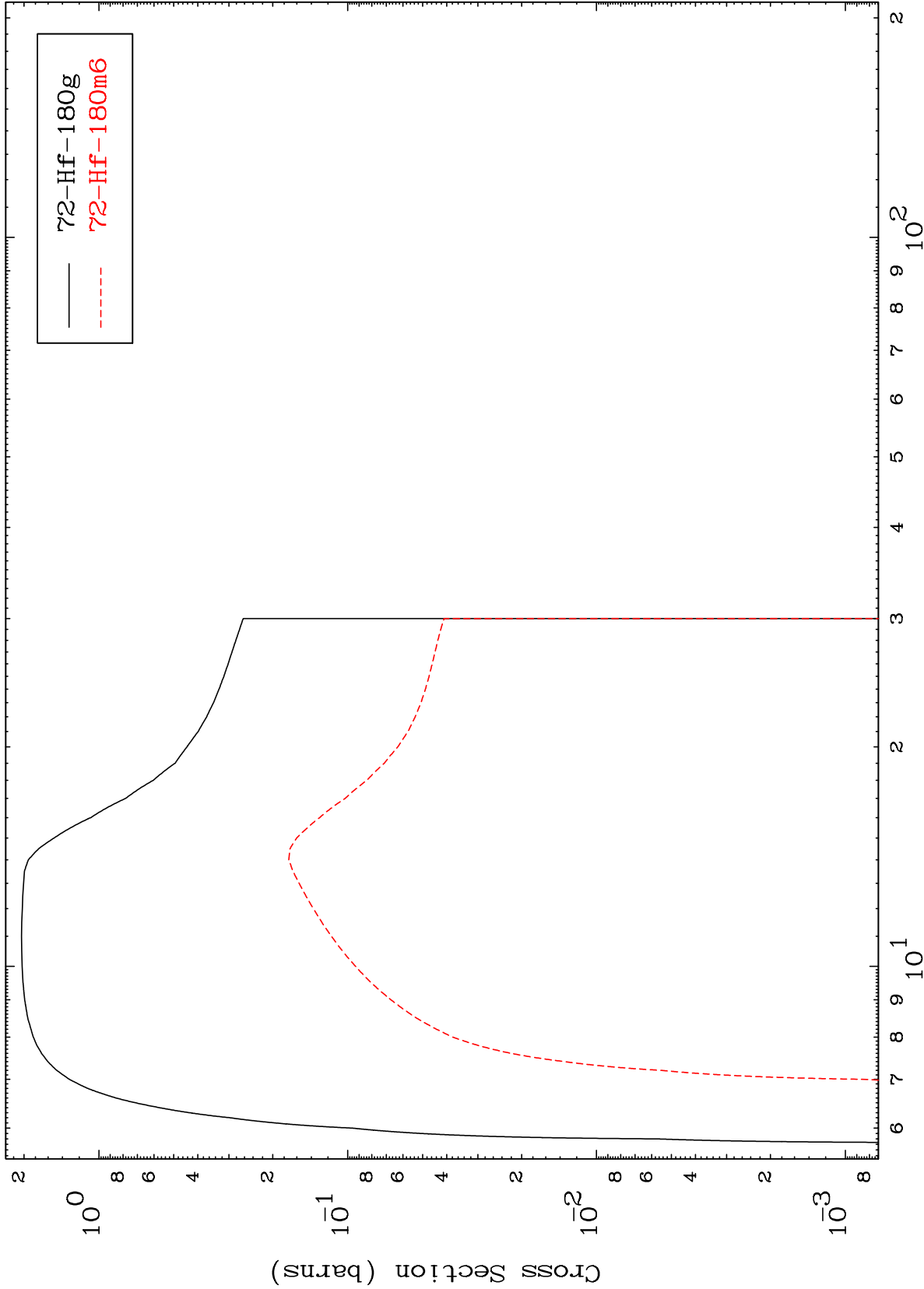
72-Hf-181

MAT 7246

(n,2n)

72-Hf-181

Radionuclide Production Cross Section



113

Incident Energy (MeV)

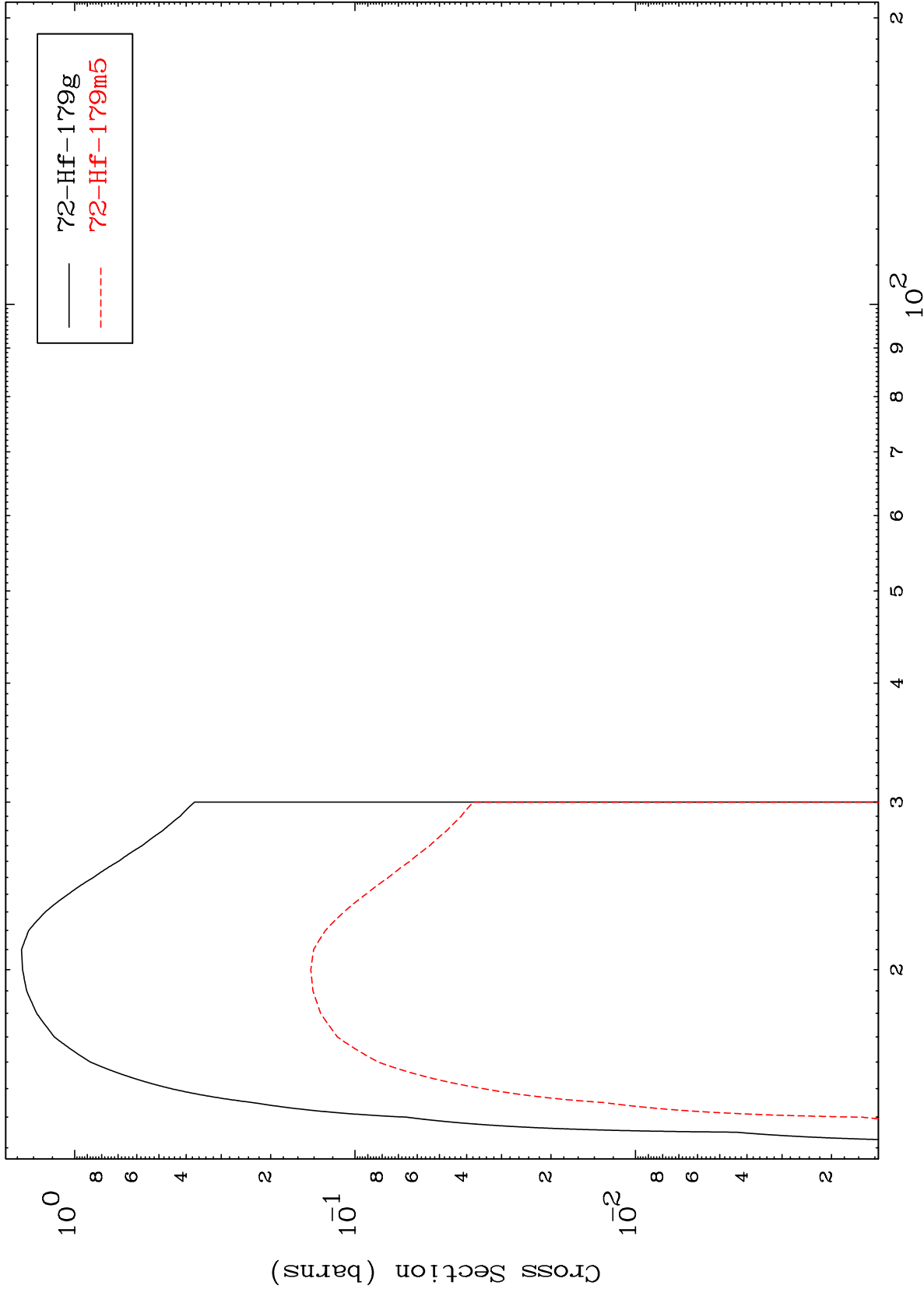
72-Hf-181

MAT 7246

(n,3n)

72-Hf-181

Radionuclide Production Cross Section



114

Incident Energy (MeV)

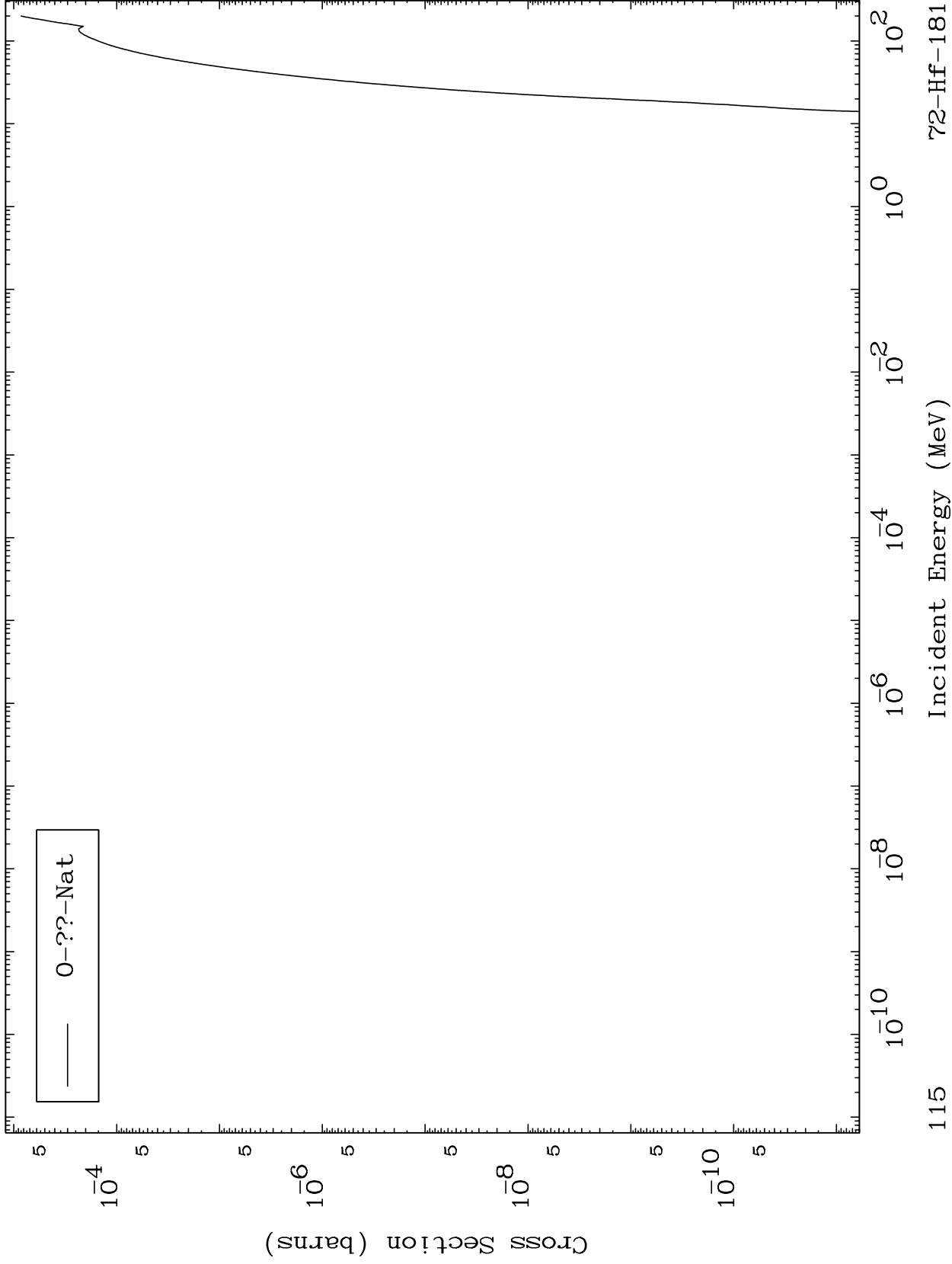
72-Hf-181

MAT 7246

Fission

72-Hf-181

Radionuclide Production Cross Section

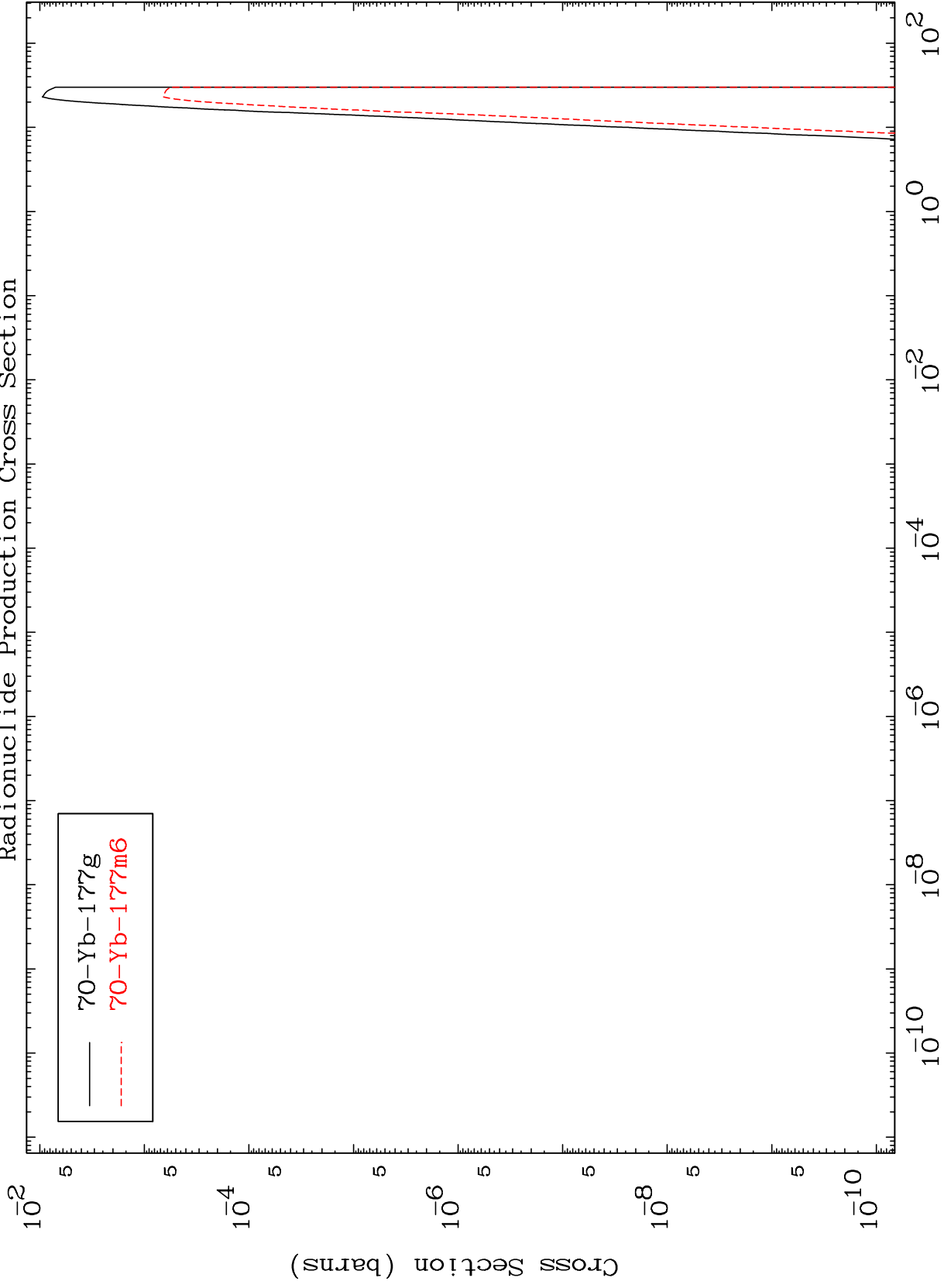


MAT 7246

$(n, n') \alpha$

72-Hf-181

Radionuclide Production Cross Section



116

Incident Energy (MeV)

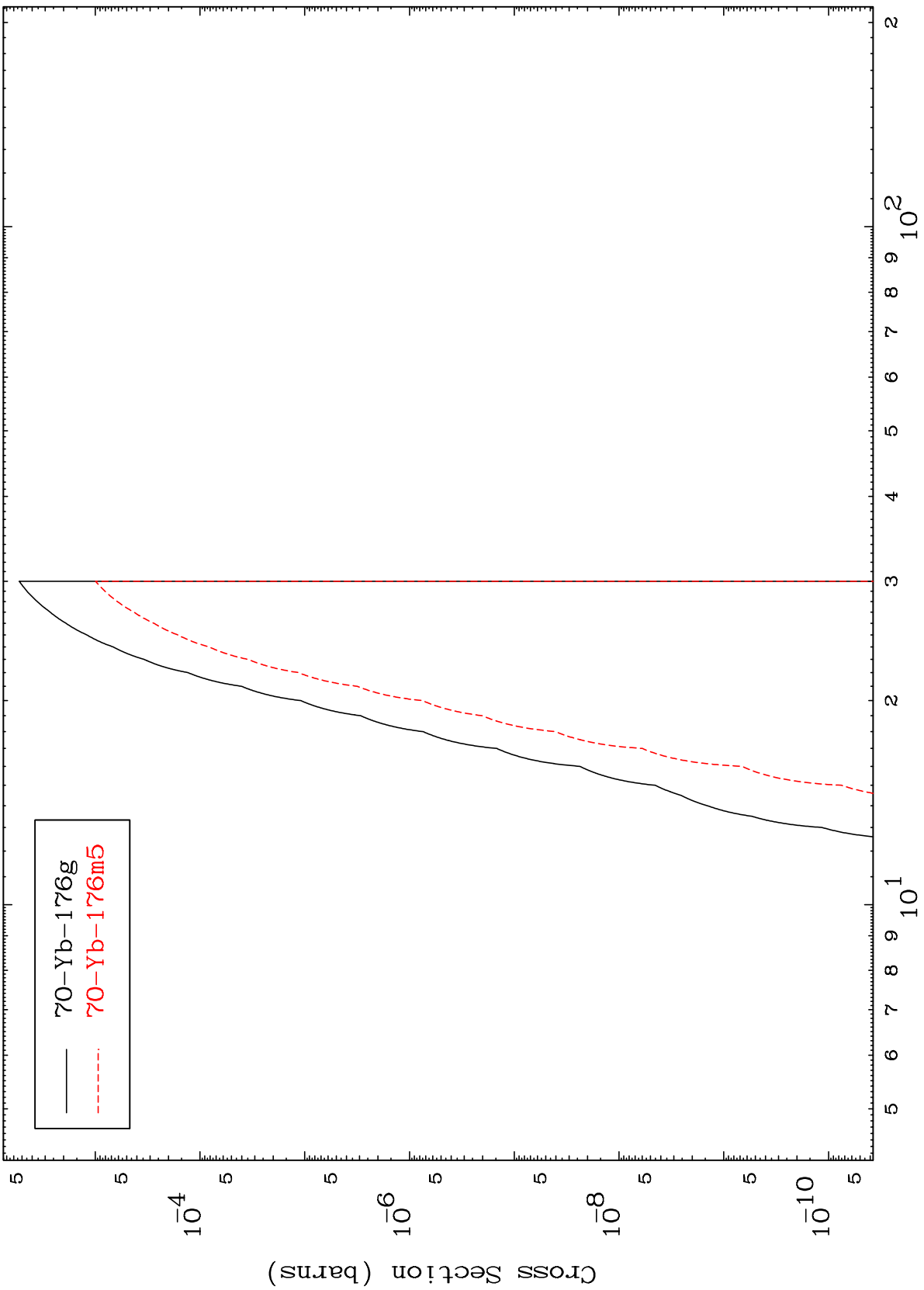
72-Hf-181

MAT 7246

(n,2n) α

72-Hf-181

Radionuclide Production Cross Section

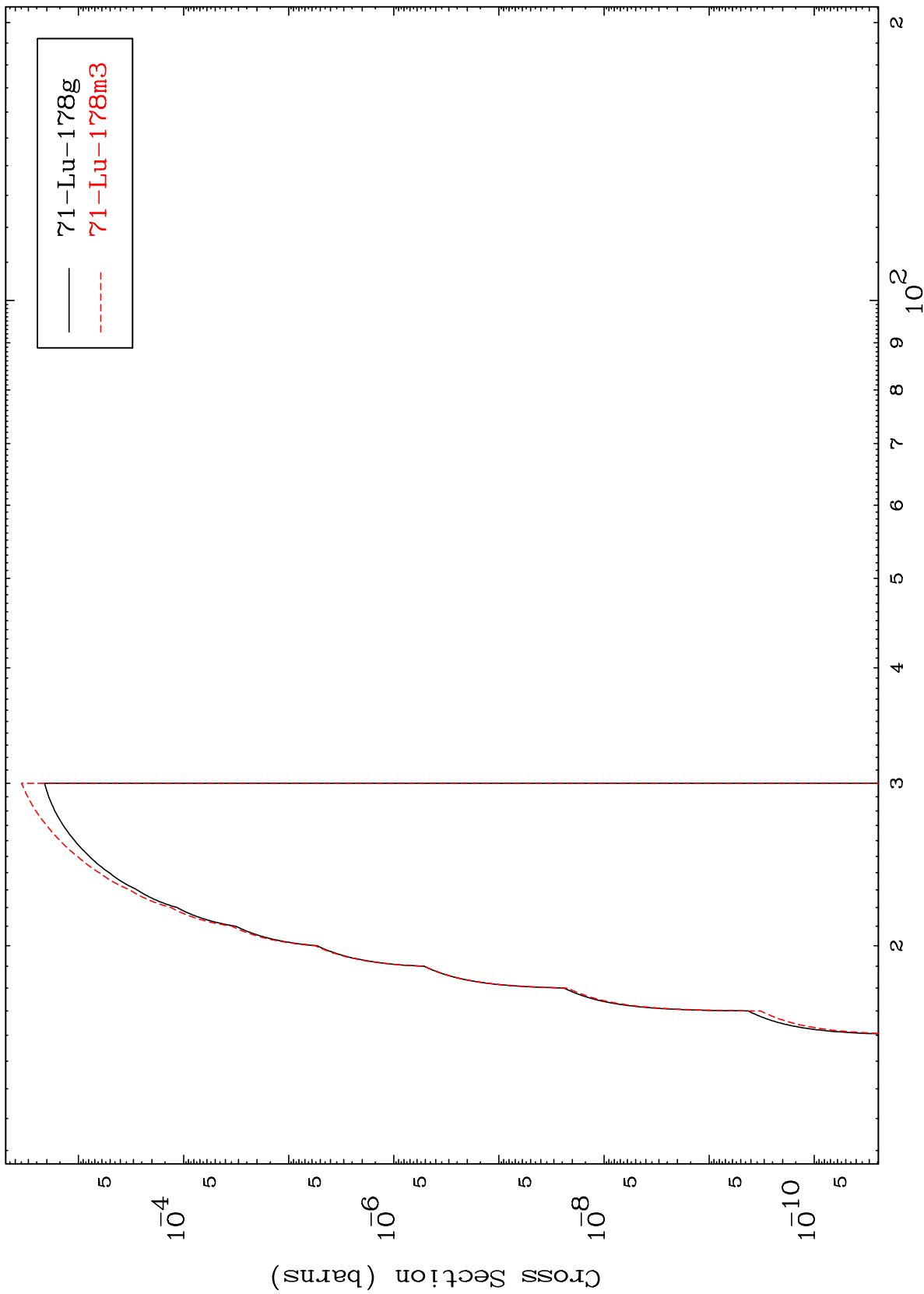


117

Incident Energy (MeV)

72-Hf-181

Radionuclide Production Cross Section

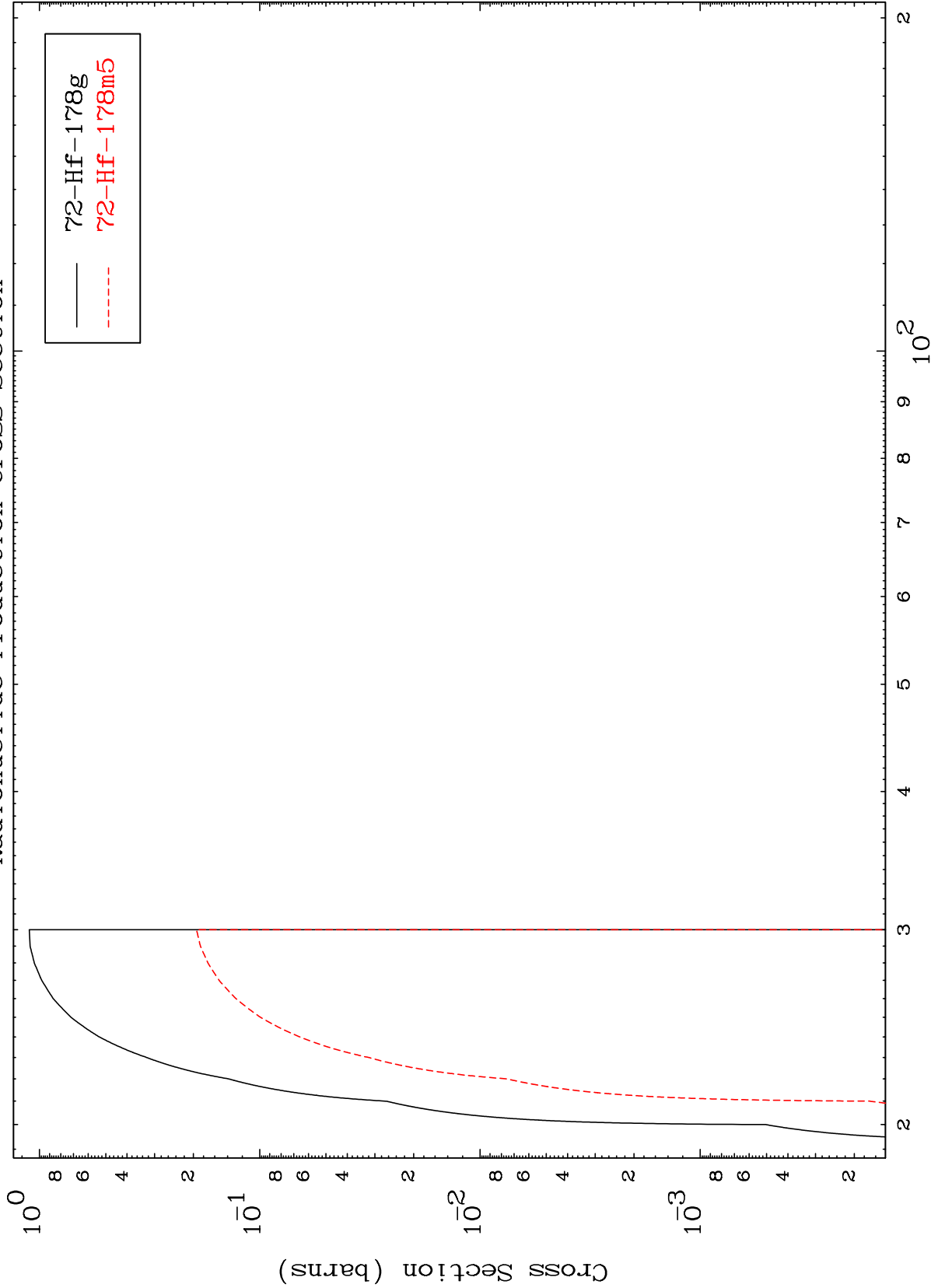


MAT 7246

(n,4n)

72-Hf-181

Radionuclide Production Cross Section



119

Incident Energy (MeV)

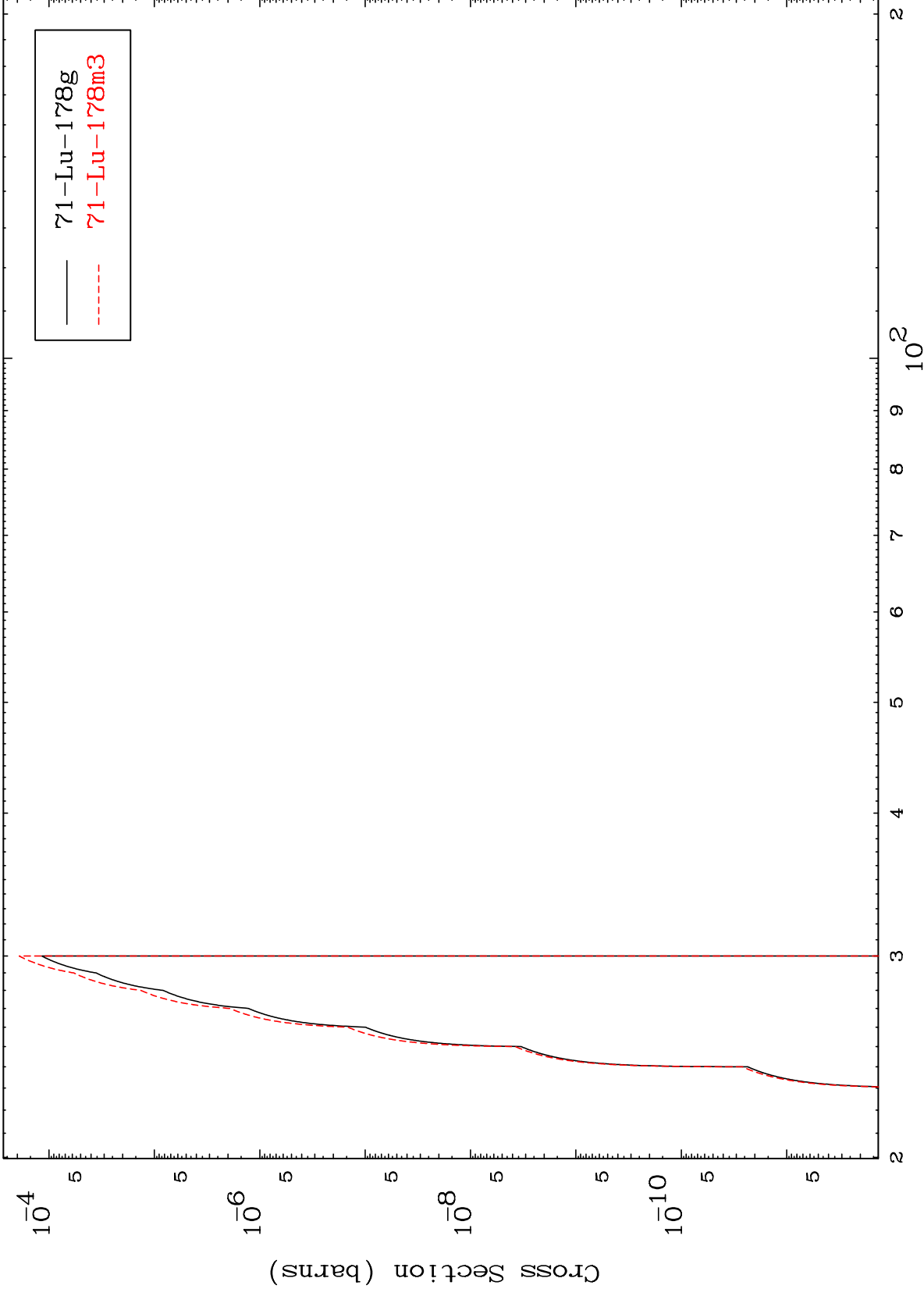
72-Hf-181

MAT 7246

(n,3n) p

72-Hf-181

Radionuclide Production Cross Section



71-Lu-178g
71-Lu-178m3

120

Incident Energy (MeV)

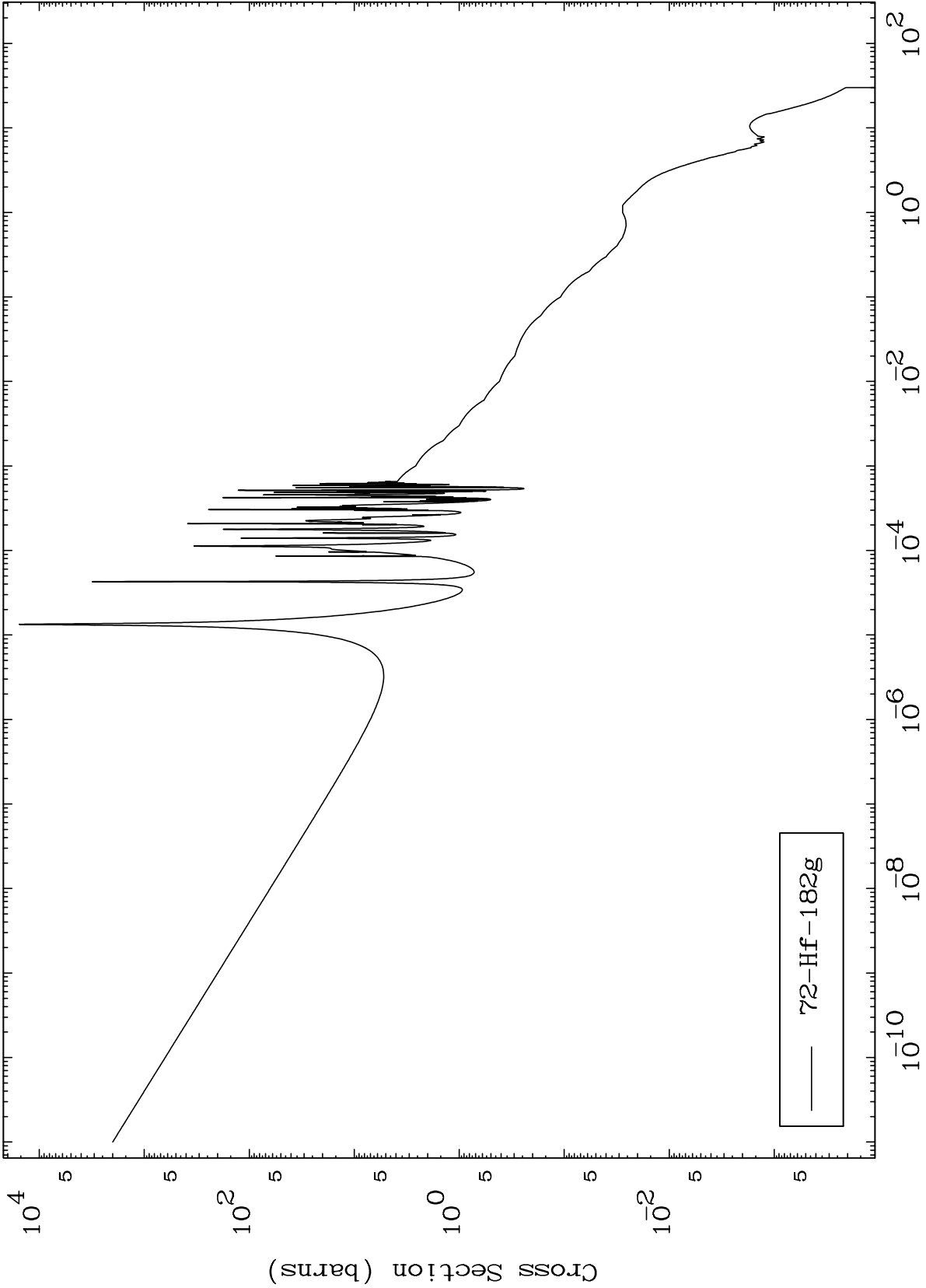
72-Hf-181

MAT 7246

72-Hf-181

Radionuclide Production Cross Section

(n, γ)



72-Hf-181

Incident Energy (MeV)

121

Radionuclide Production Cross Section

