

Program EVALPLOT
(Version 2021-1)

by

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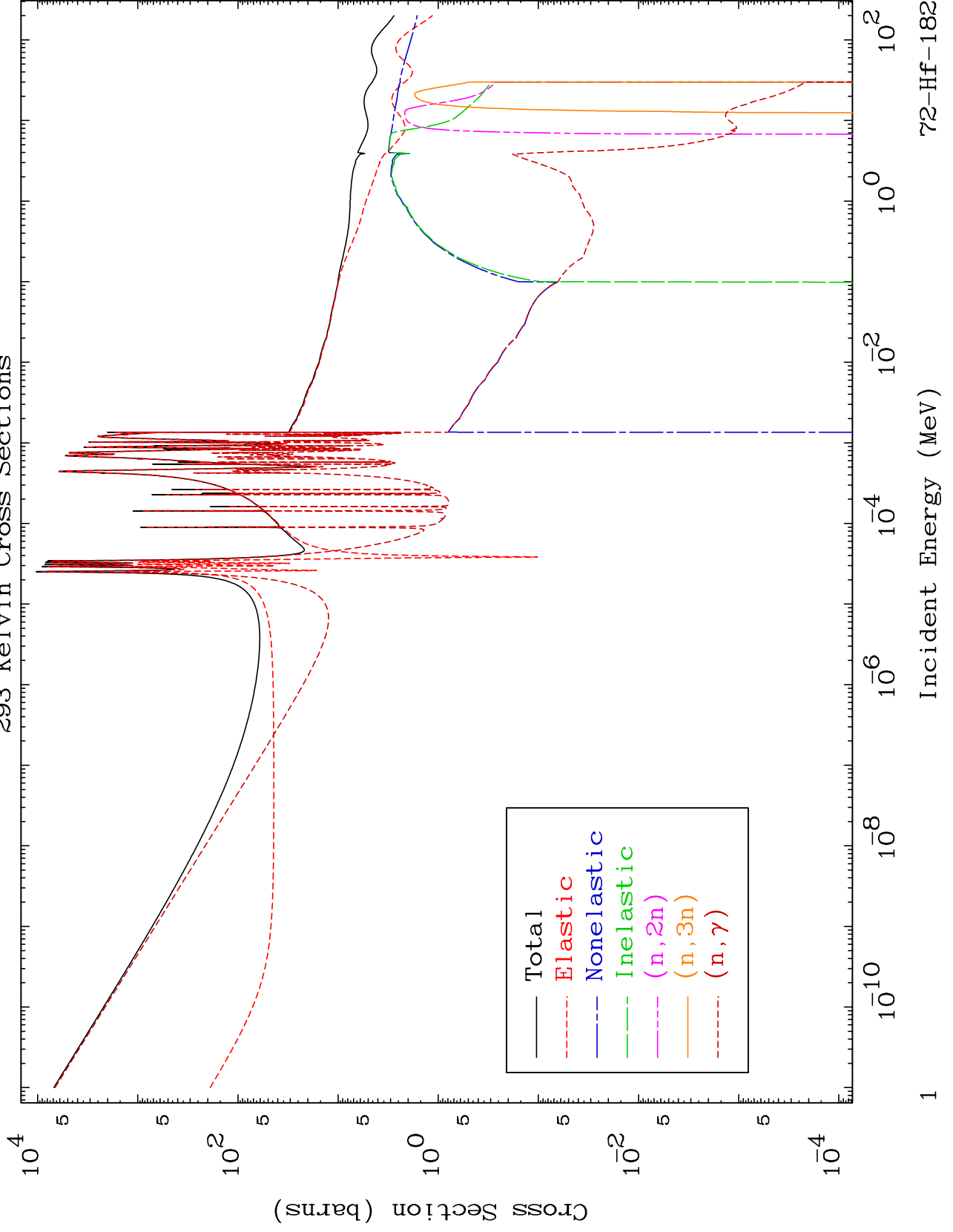
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7249

Neutron Major
293 Kelvin Cross Sections

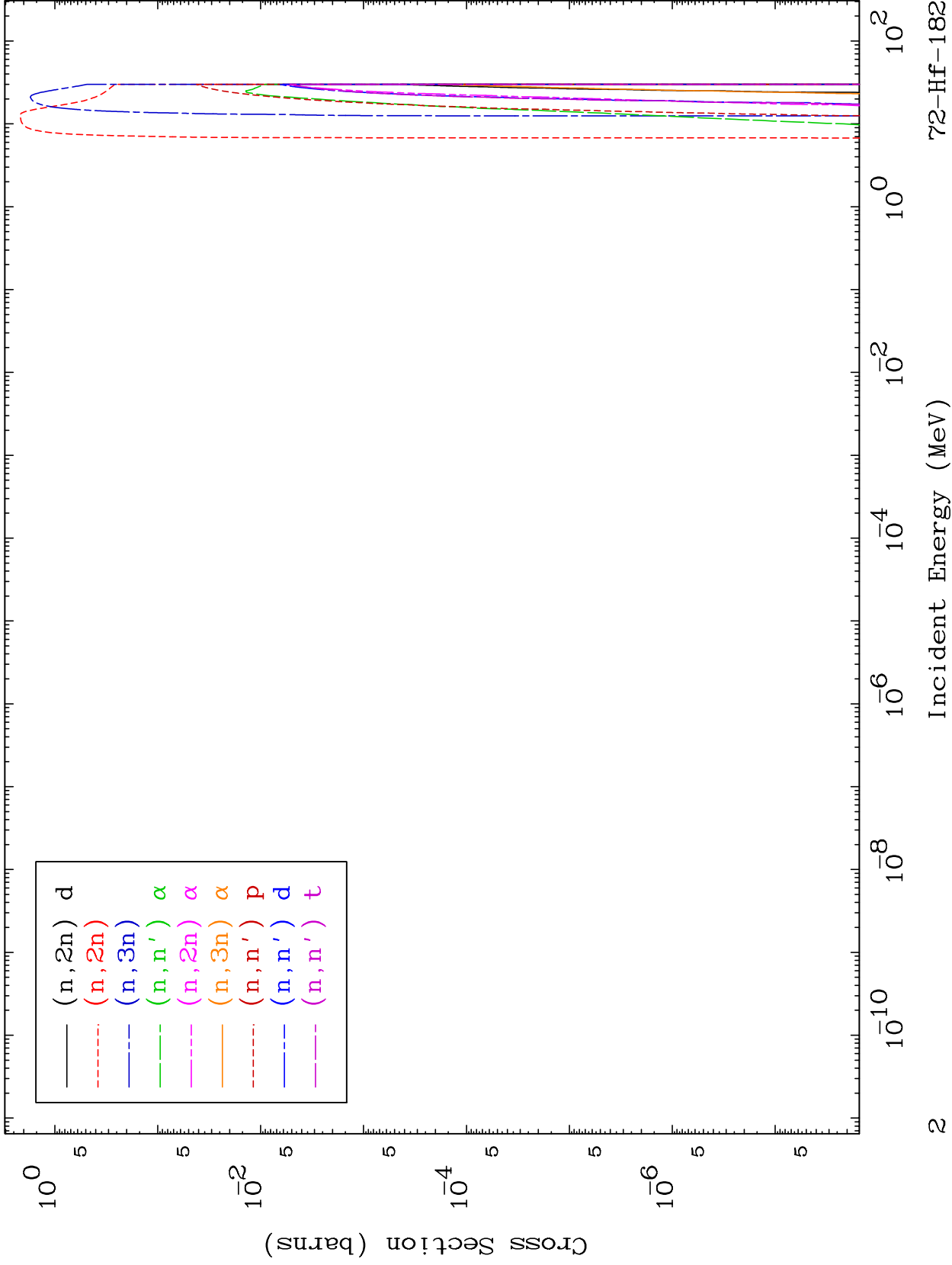
72-Hf-182



MAT 7249

Neutron Absorption
293 Kelvin Cross Sections

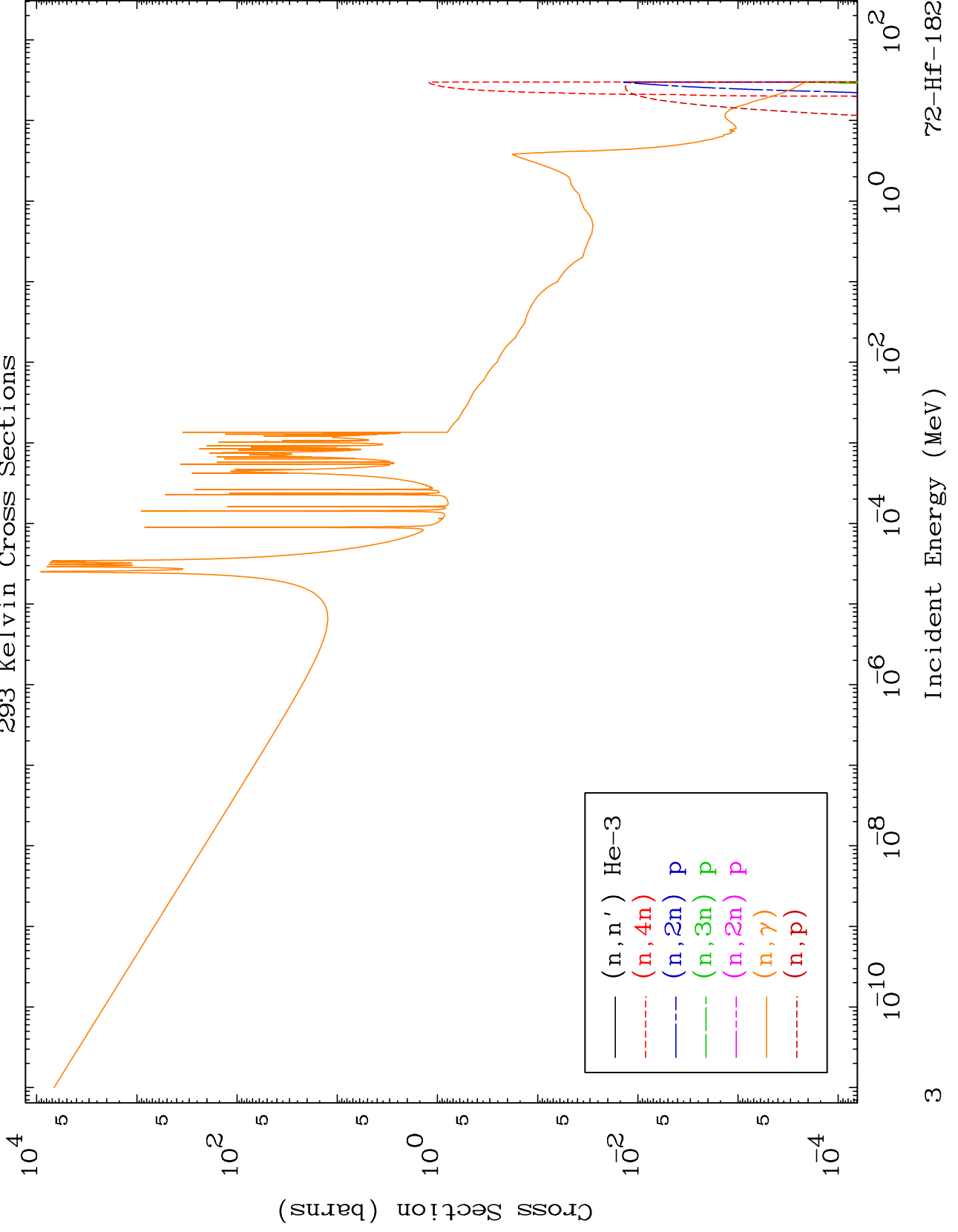
72-Hf-182



MAT 7249

Neutron Absorption
293 Kelvin Cross Sections

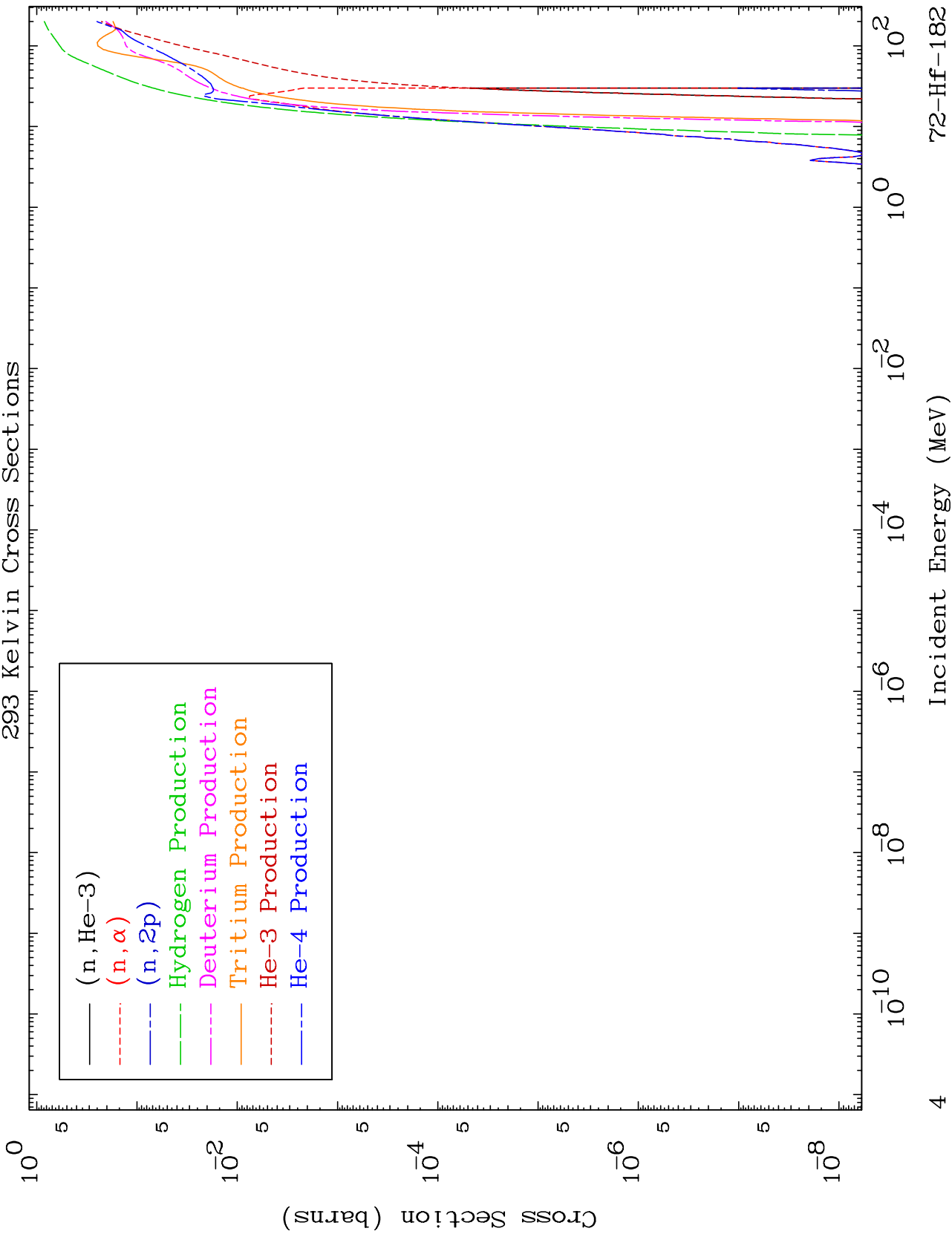
72-Hf-182



MAT 7249

Neutron Absorption
293 Kelvin Cross Sections

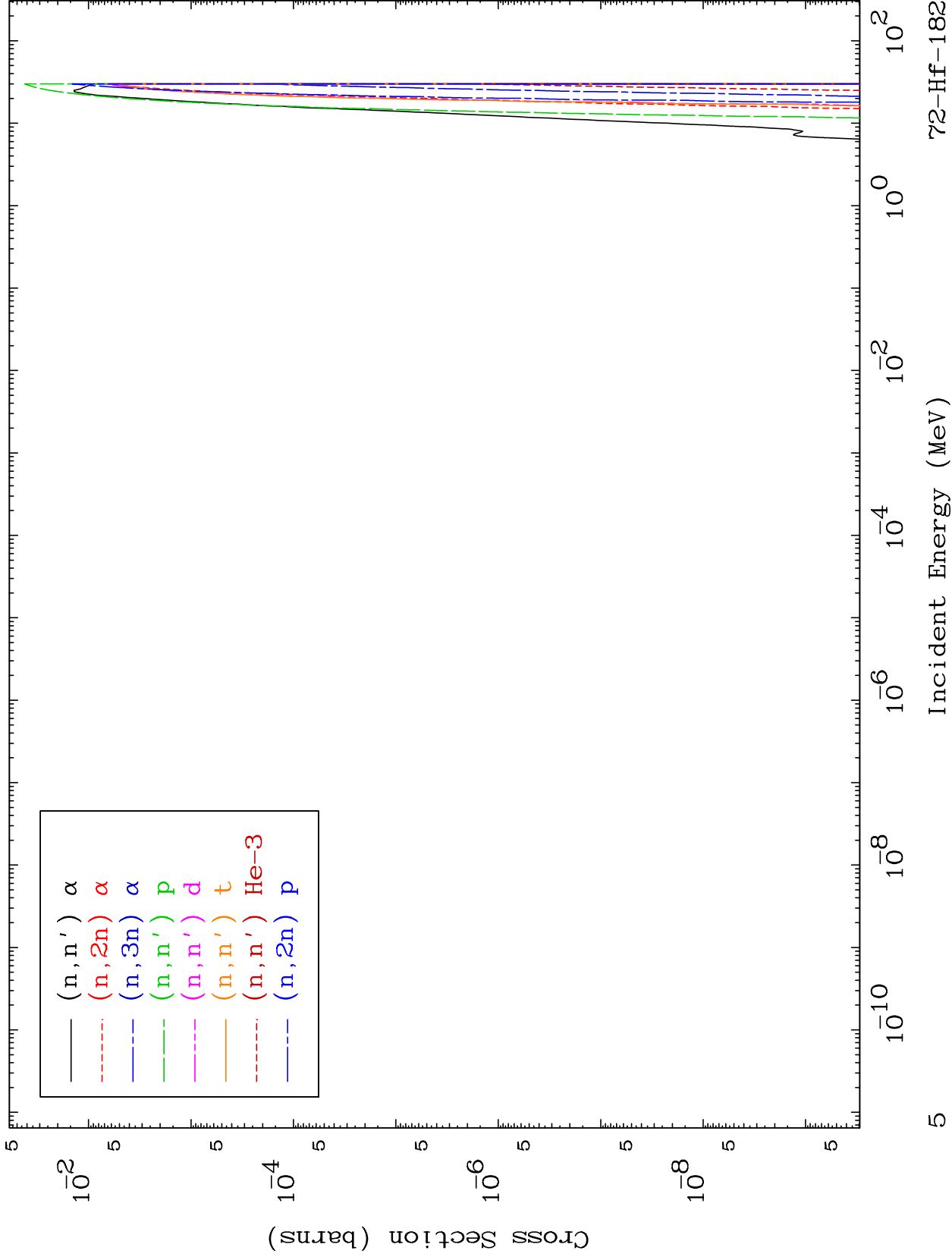
72-Hf-182



MAT 7249

Charged Particle
293 Kelvin Cross Sections

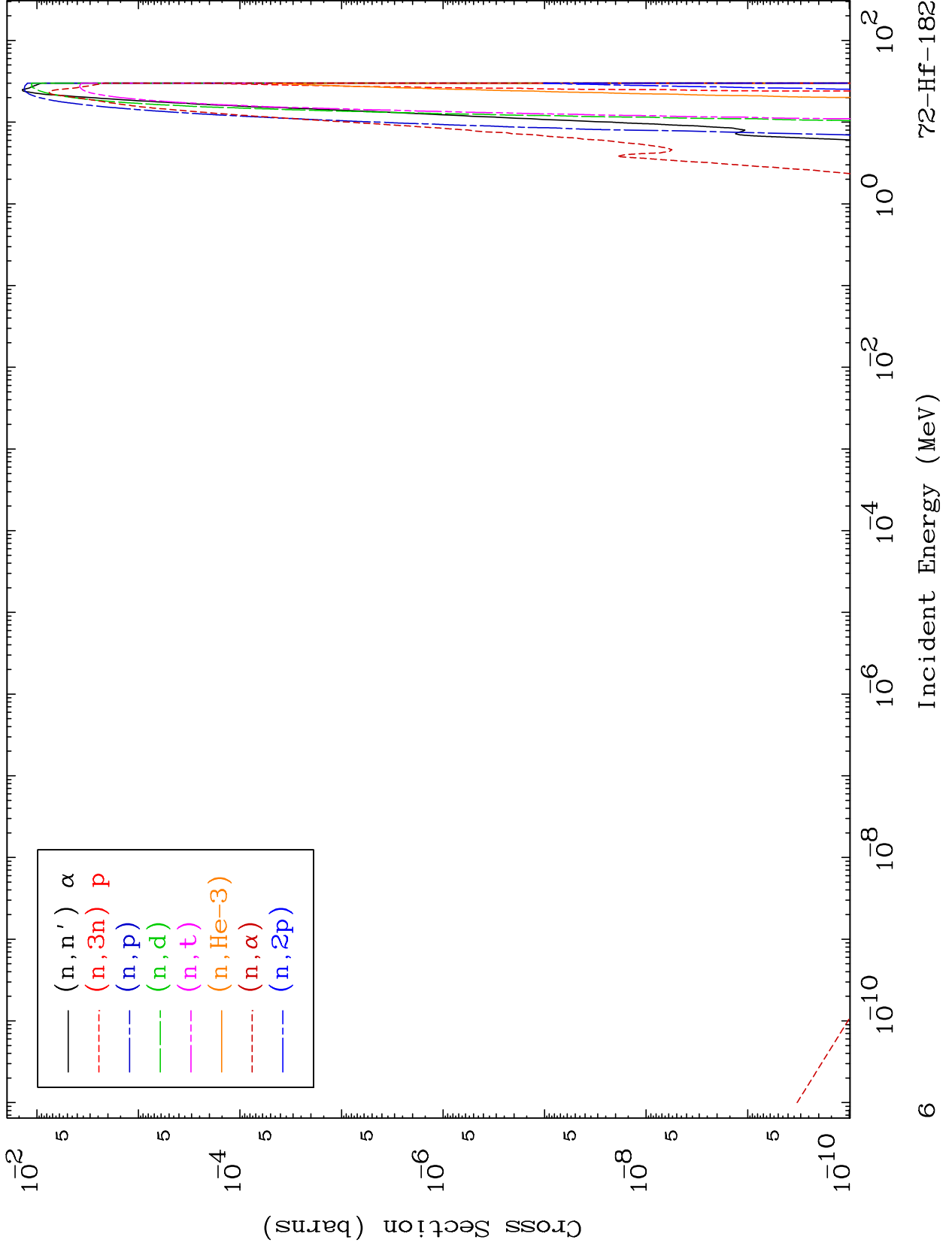
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MAT 7249

Charged Particle
293 Kelvin Cross Sections

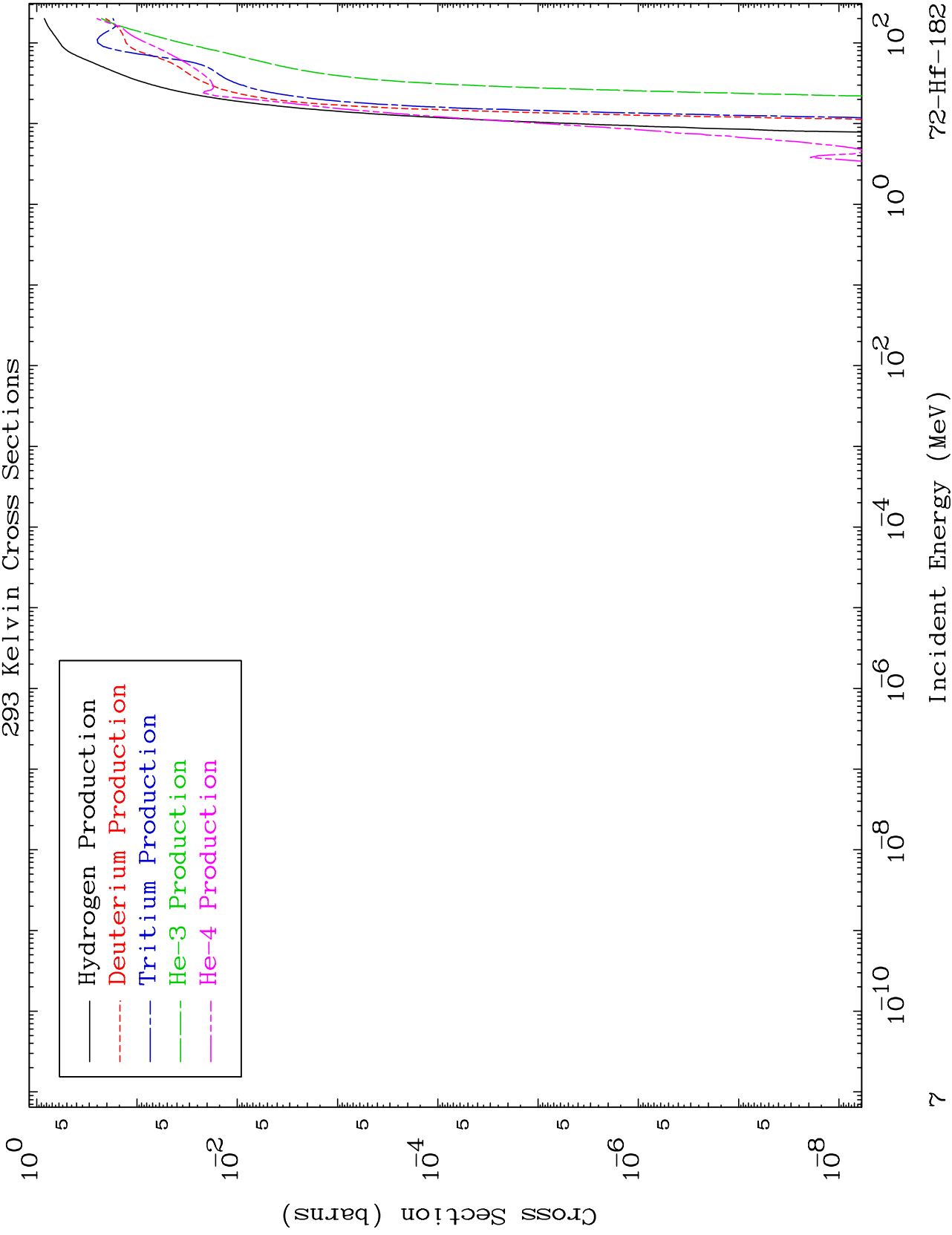
72-Hf-182



MAT 7249

Particle Production
293 Kelvin Cross Sections

72-Hf-182

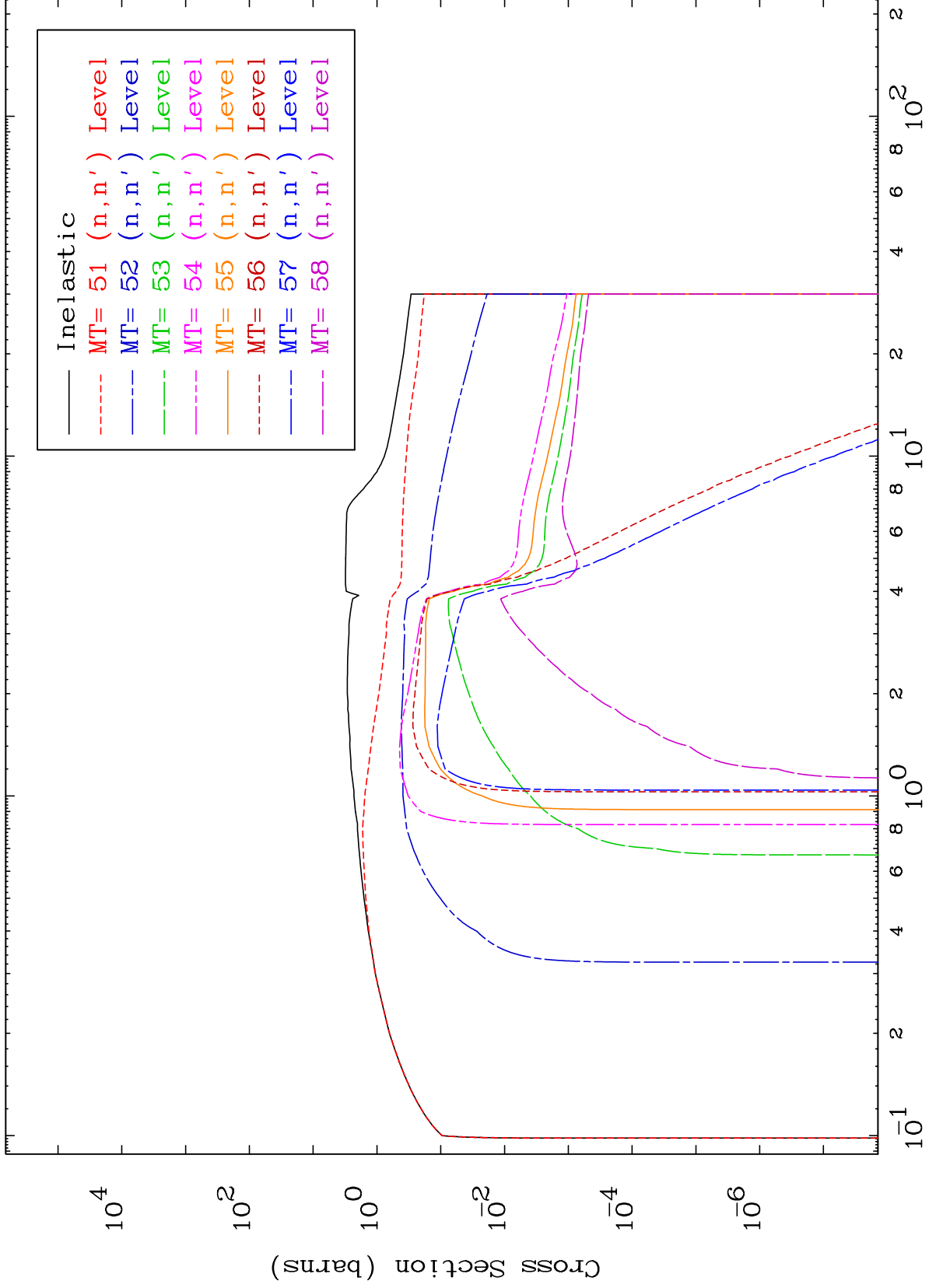


MAT 7249

(n,n') Levels

72-Hf-182

293 Kelvin Cross Sections



Incident Energy (MeV)

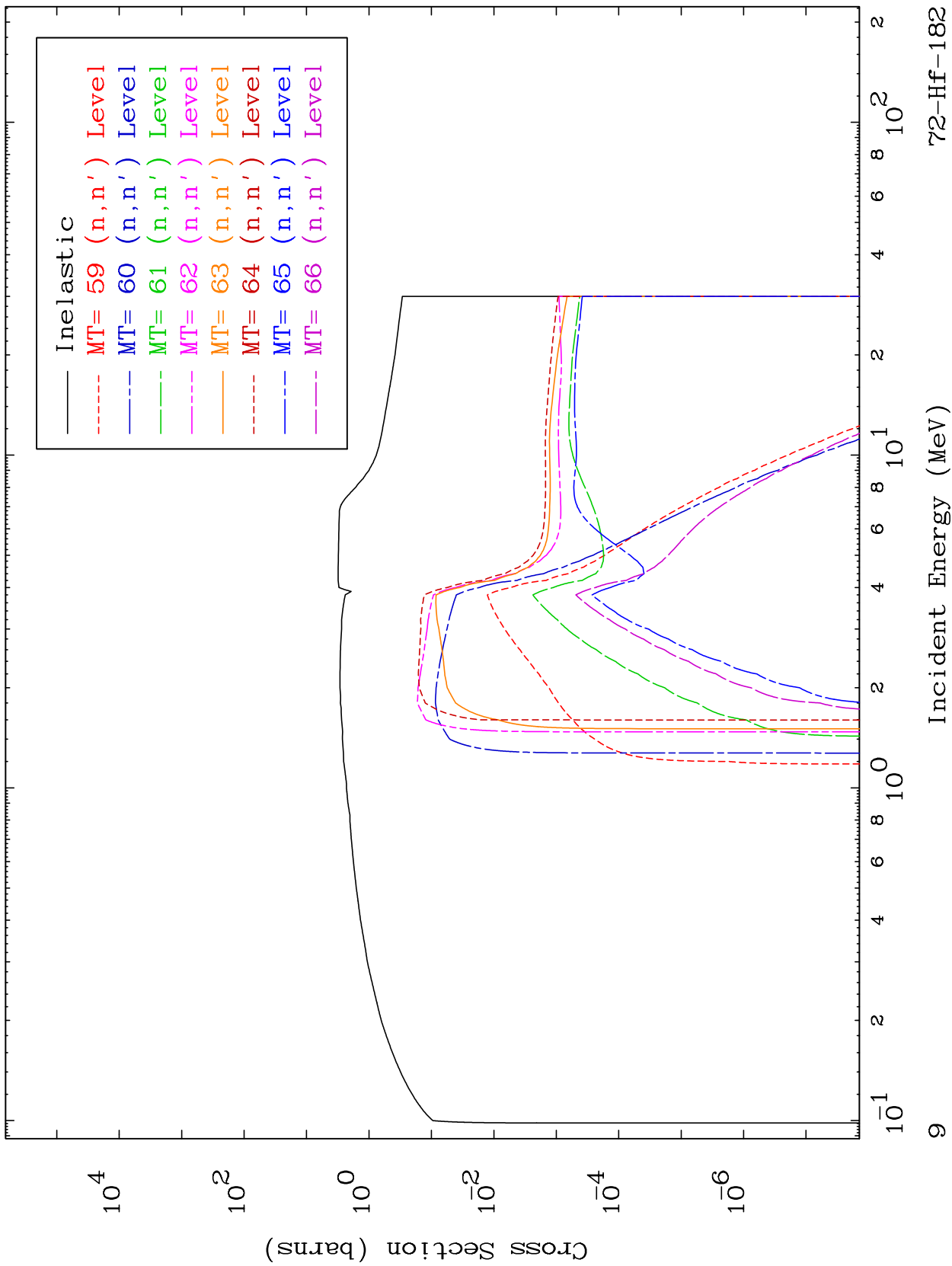
72-Hf-182

8

MAT 7249

(n,n') Levels
293 Kelvin Cross Sections

72-Hf-182



72-Hf-182

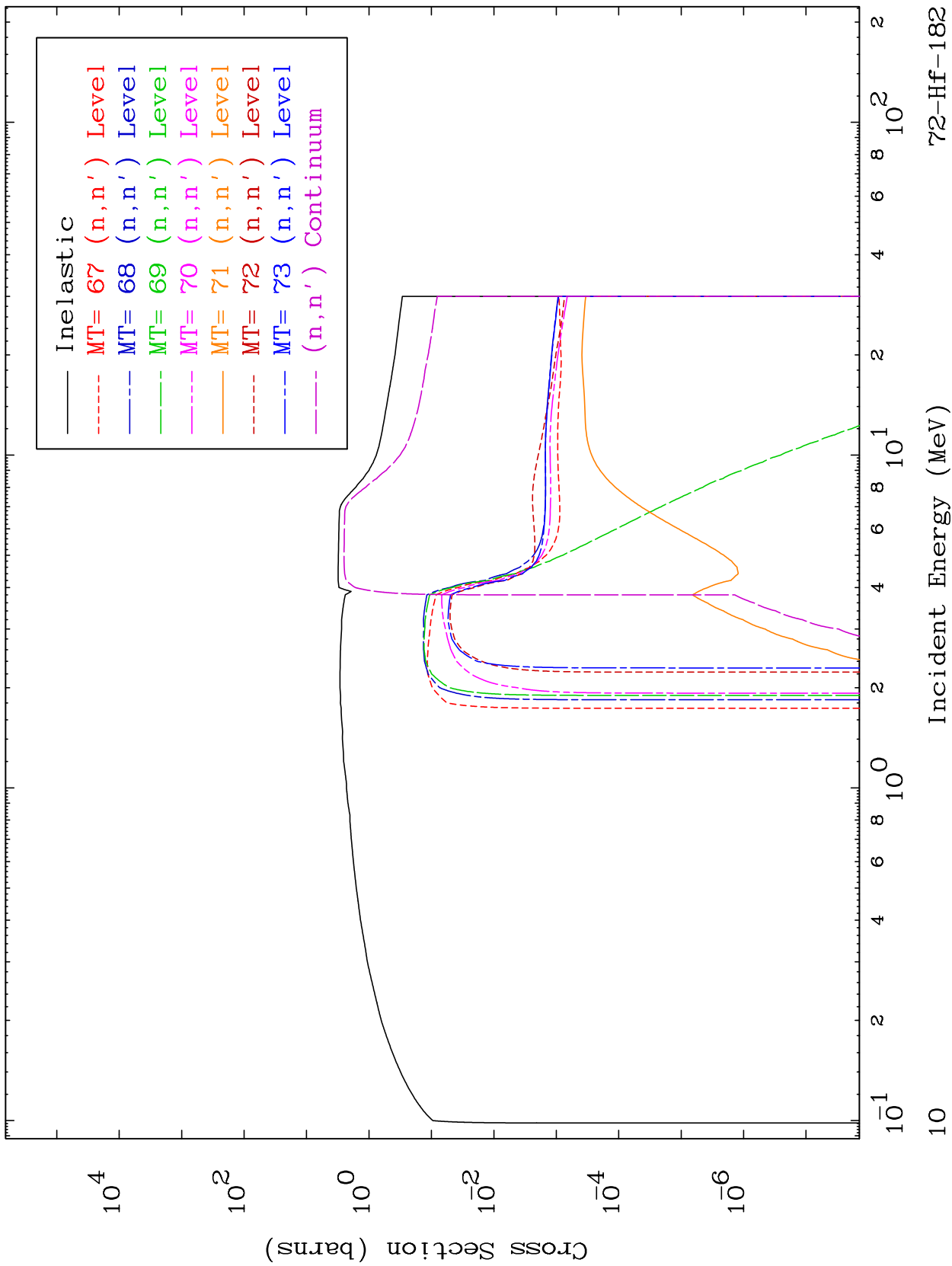
Incident Energy (MeV)

9

MAT 7249

(n,n') Levels
293 Kelvin Cross Sections

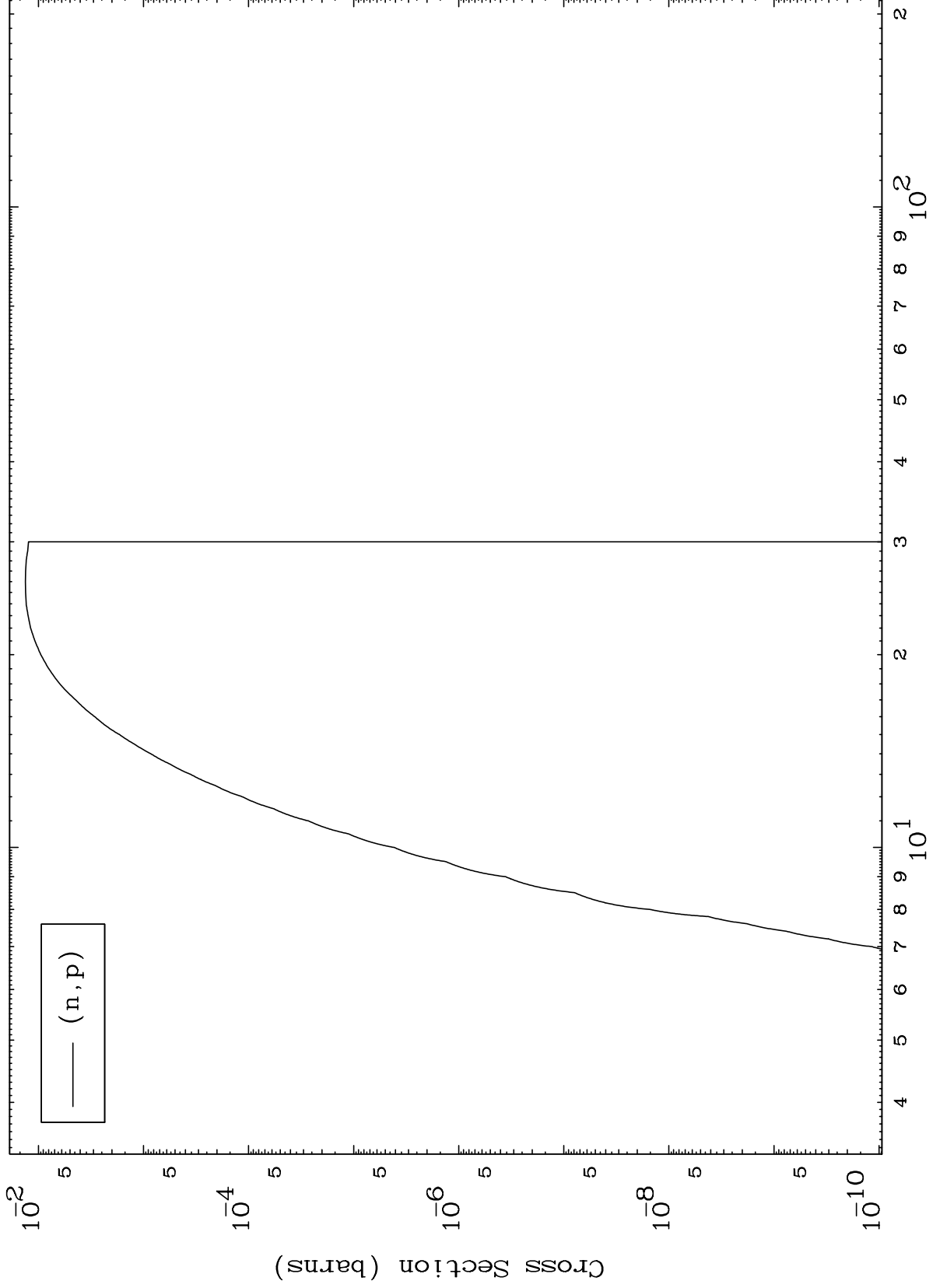
72-Hf-182



MAT 7249

(n,p) Levels
293 Kelvin Cross Sections

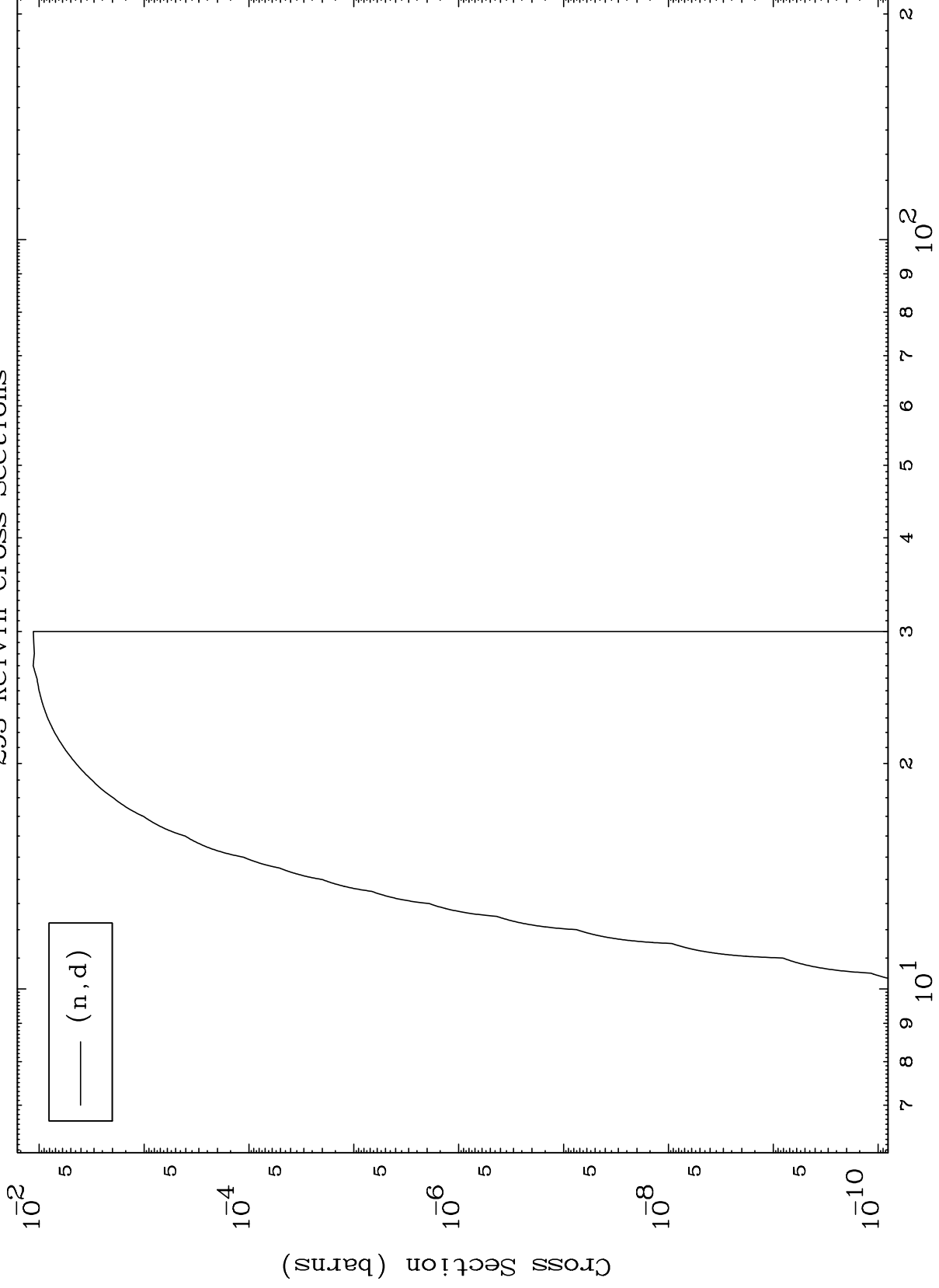
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MAT 7249

(n,d) Levels
293 Kelvin Cross Sections

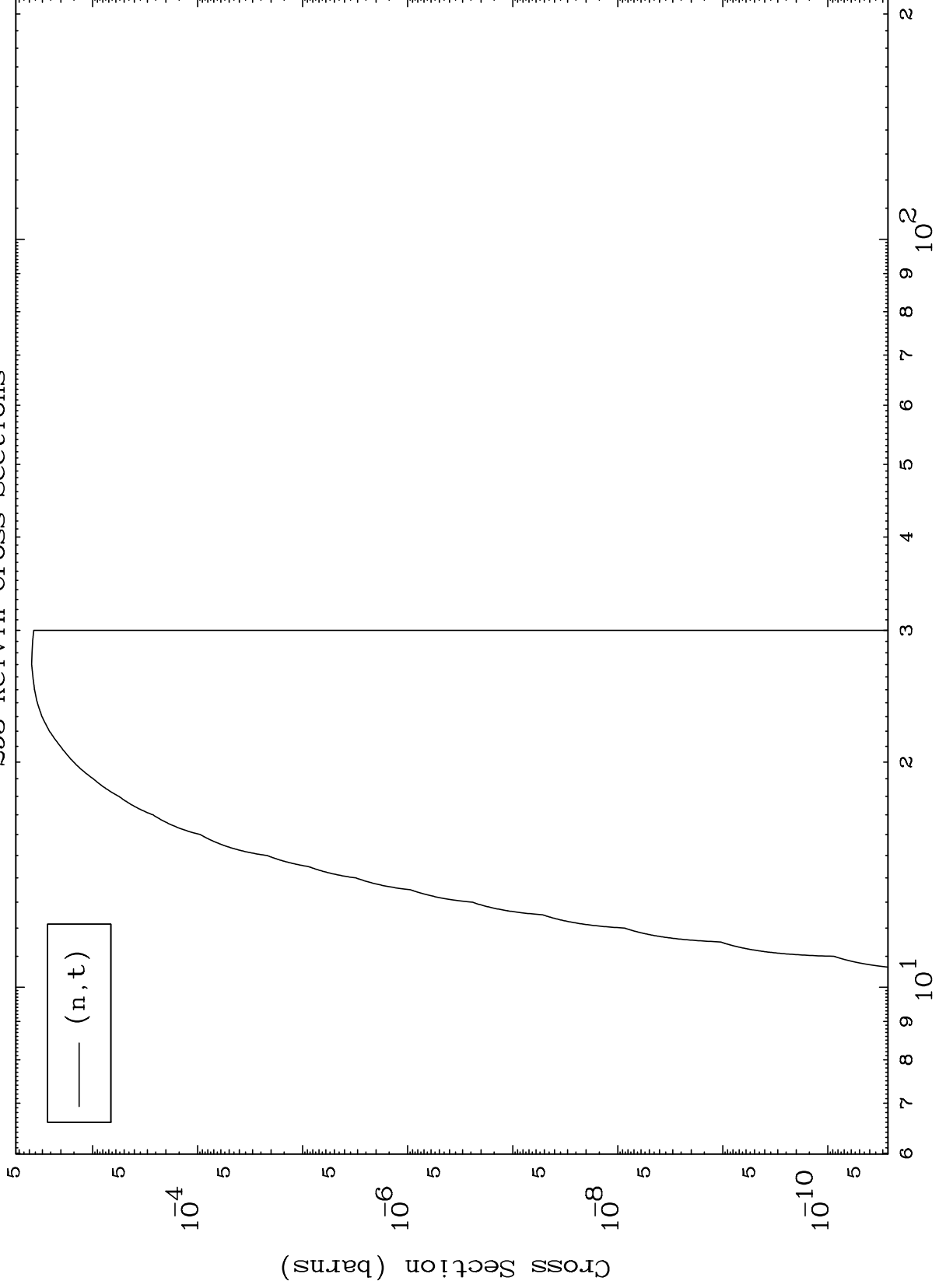
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MAT 7249

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-182



13

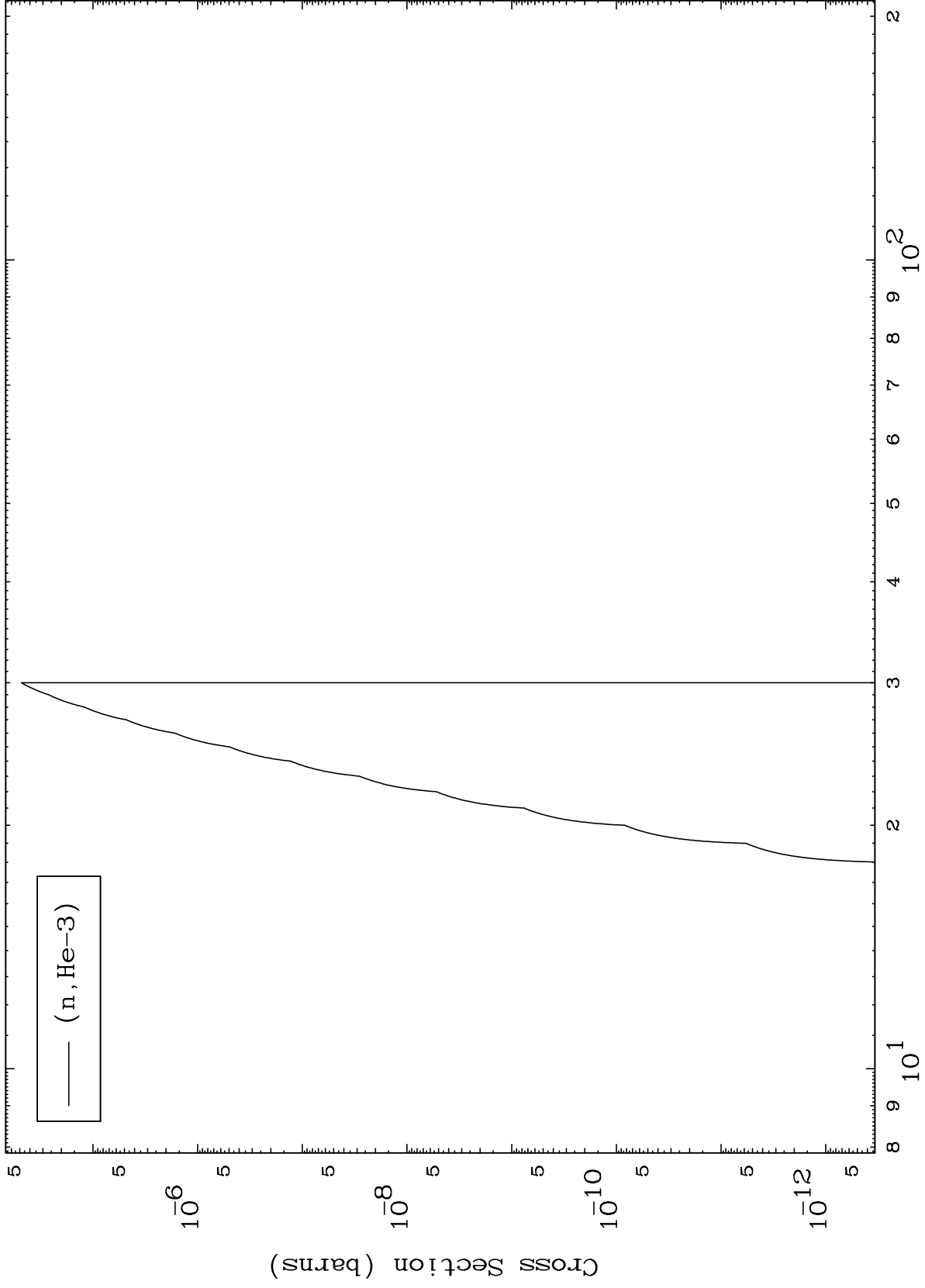
Incident Energy (MeV)

72-Hf-182

MAT 7249

(n,He3) Levels
293 Kelvin Cross Sections

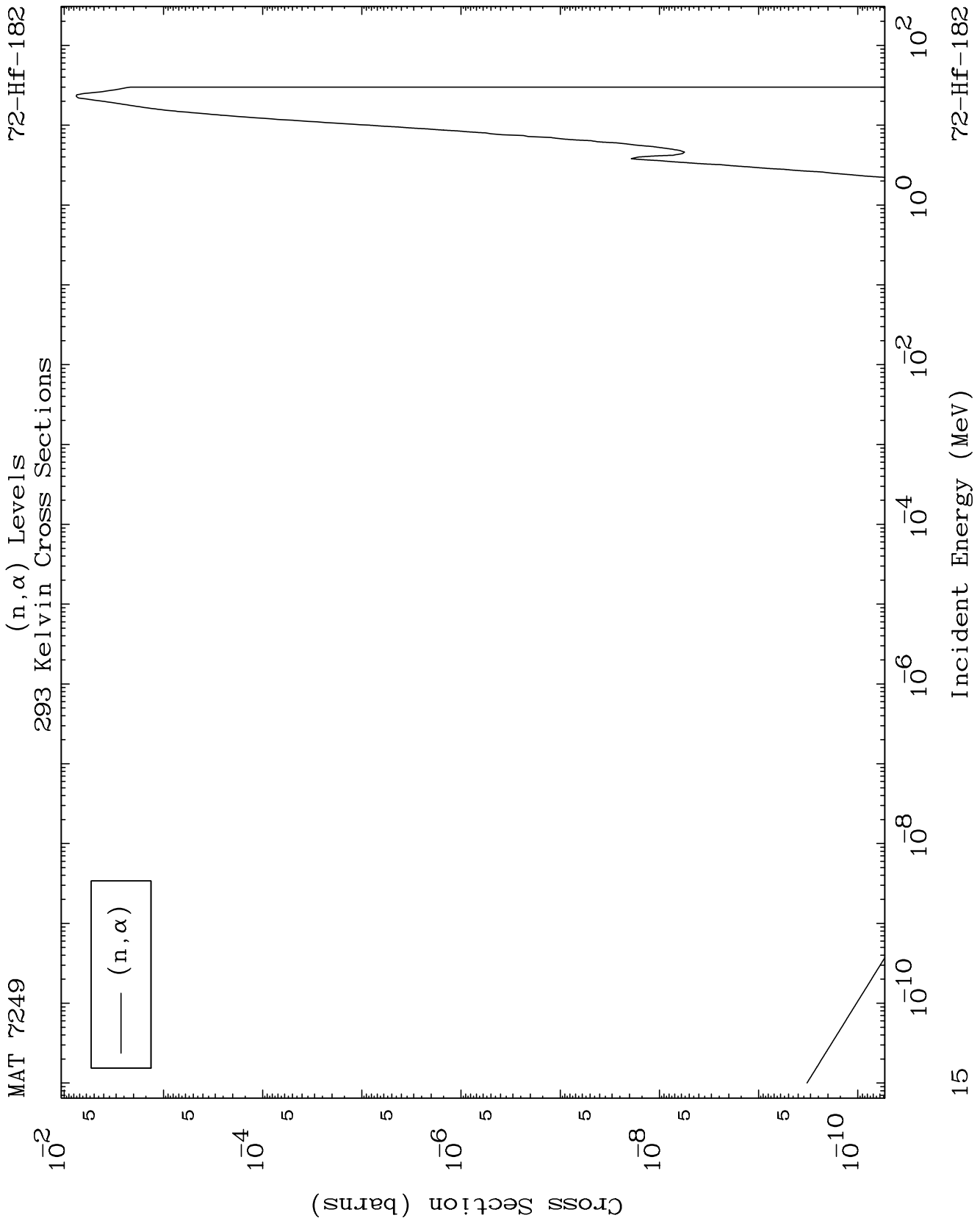
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14

Incident Energy (MeV)

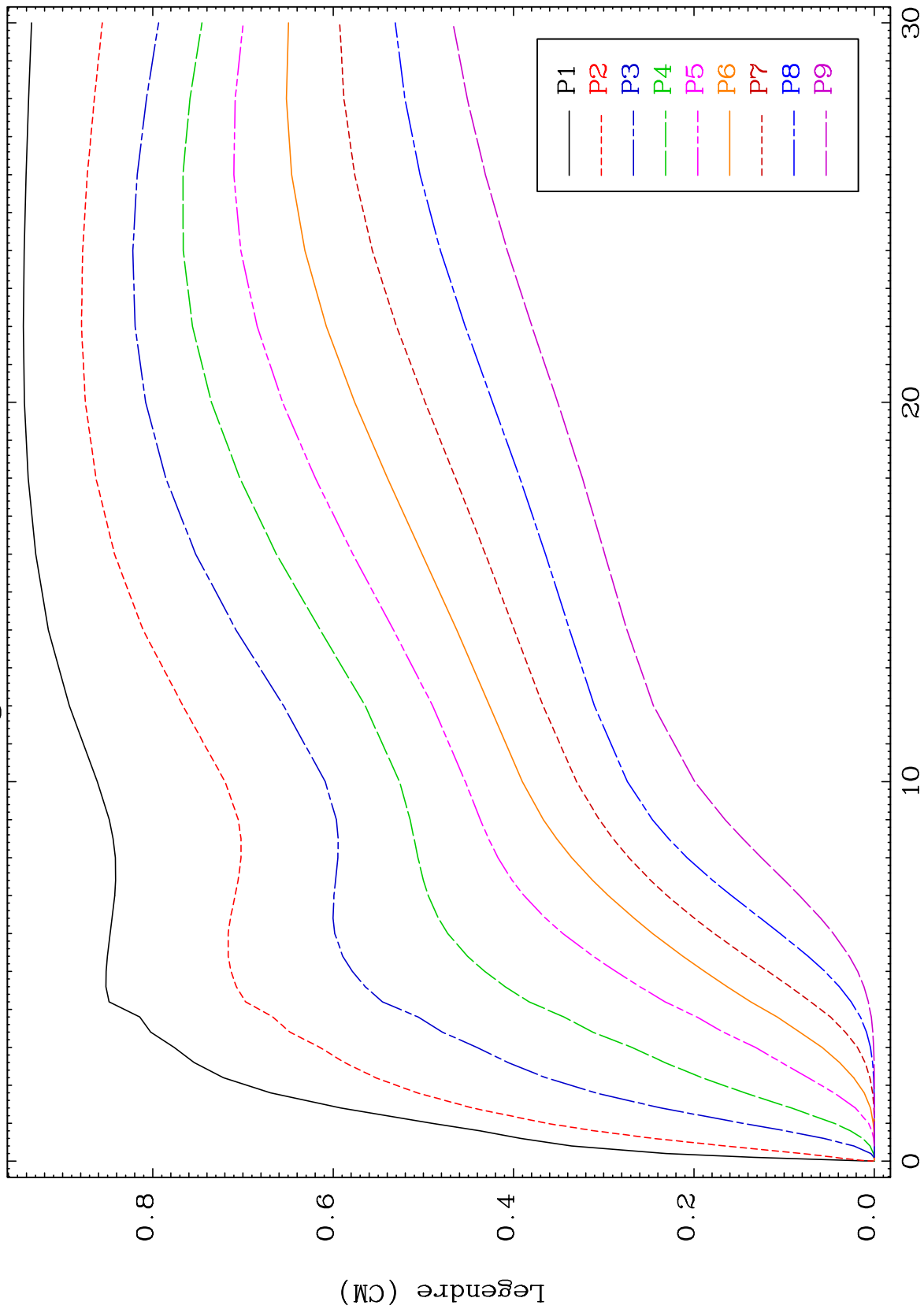
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MAT 7249

Elastic Legendre Coefficients

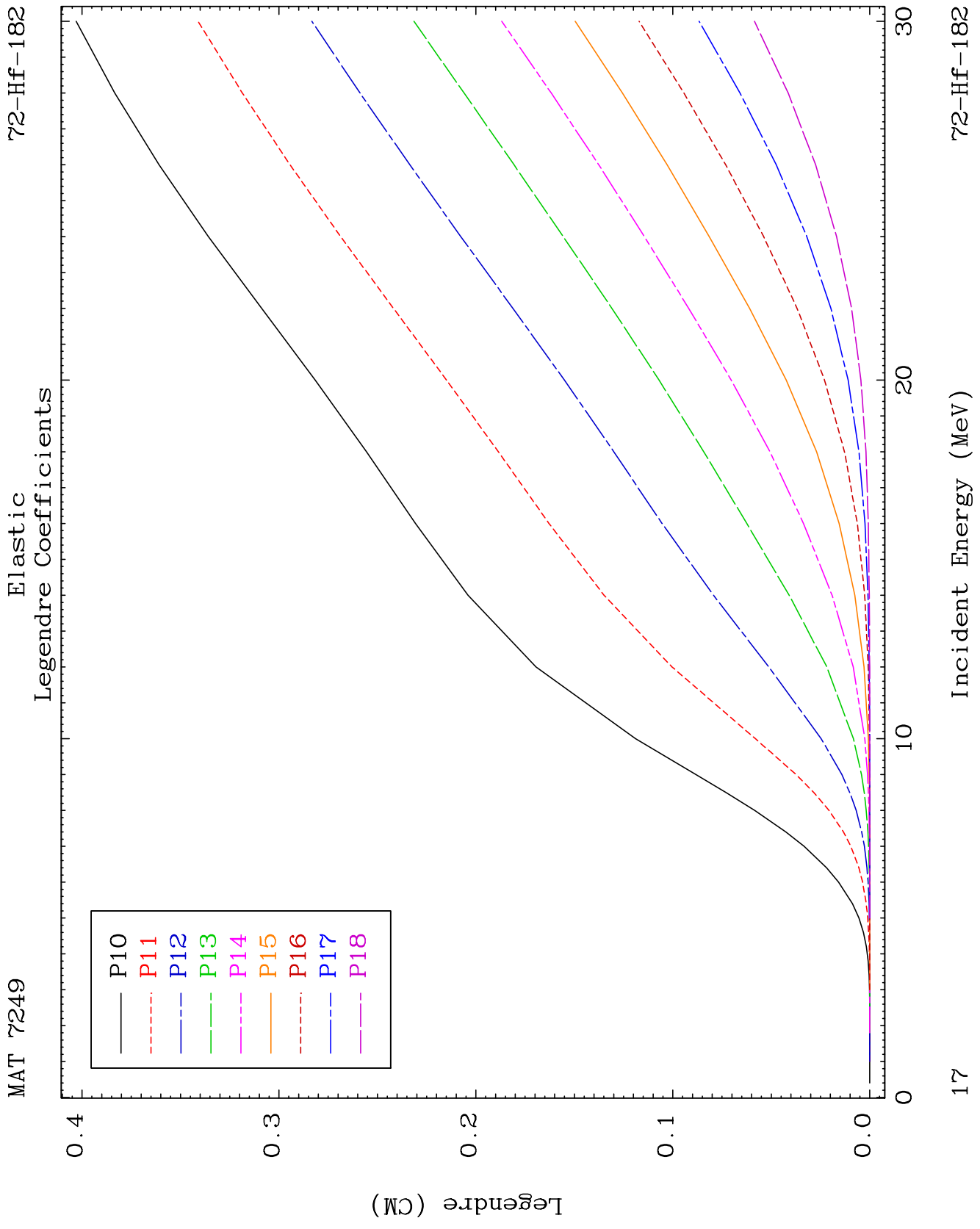
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16

Incident Energy (MeV)

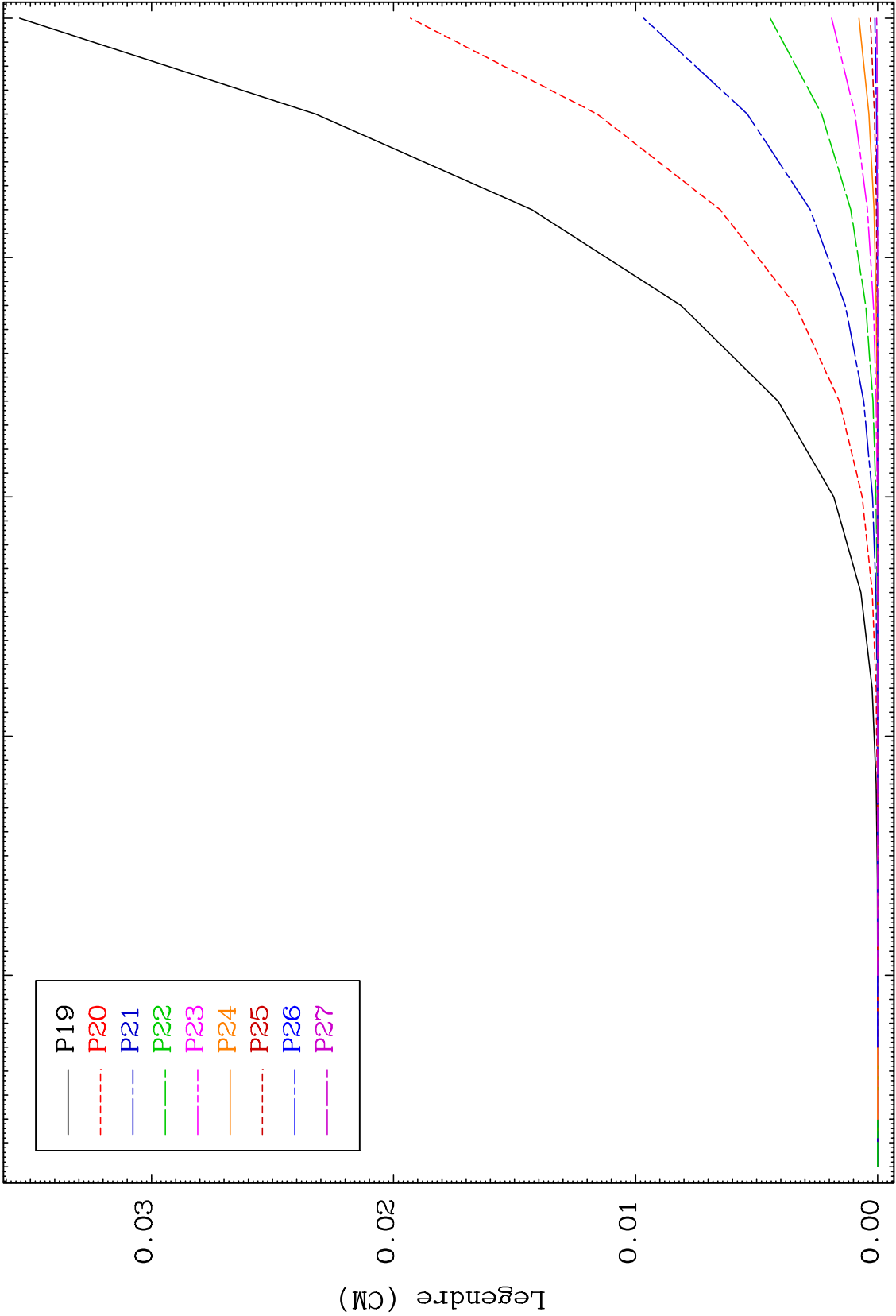
72-Hf-182



MAT 7249

Elastic Legendre Coefficients

72-Hf-182



18

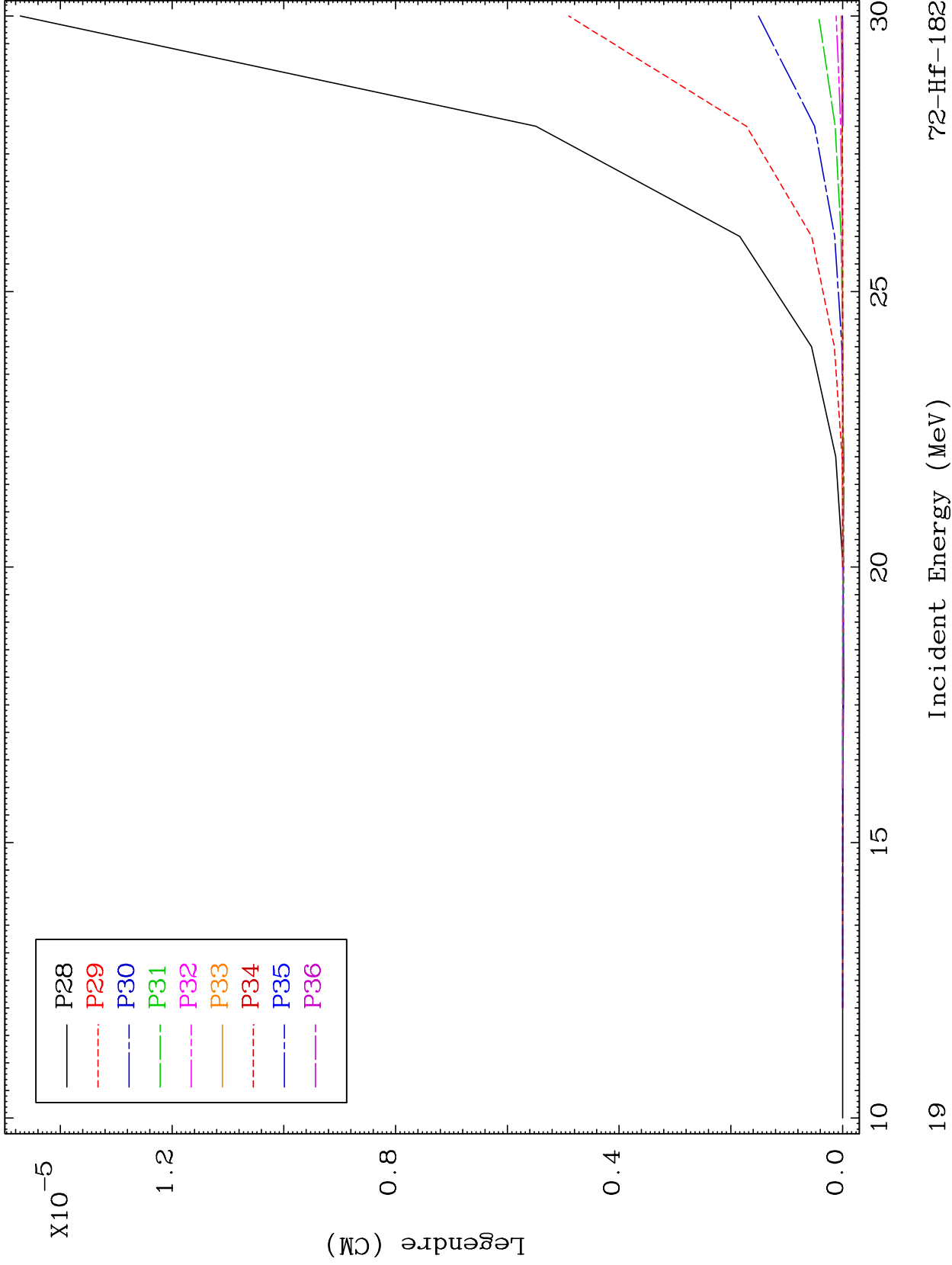
Incident Energy (MeV)

72-Hf-182

MAT 7249

Elastic Legendre Coefficients

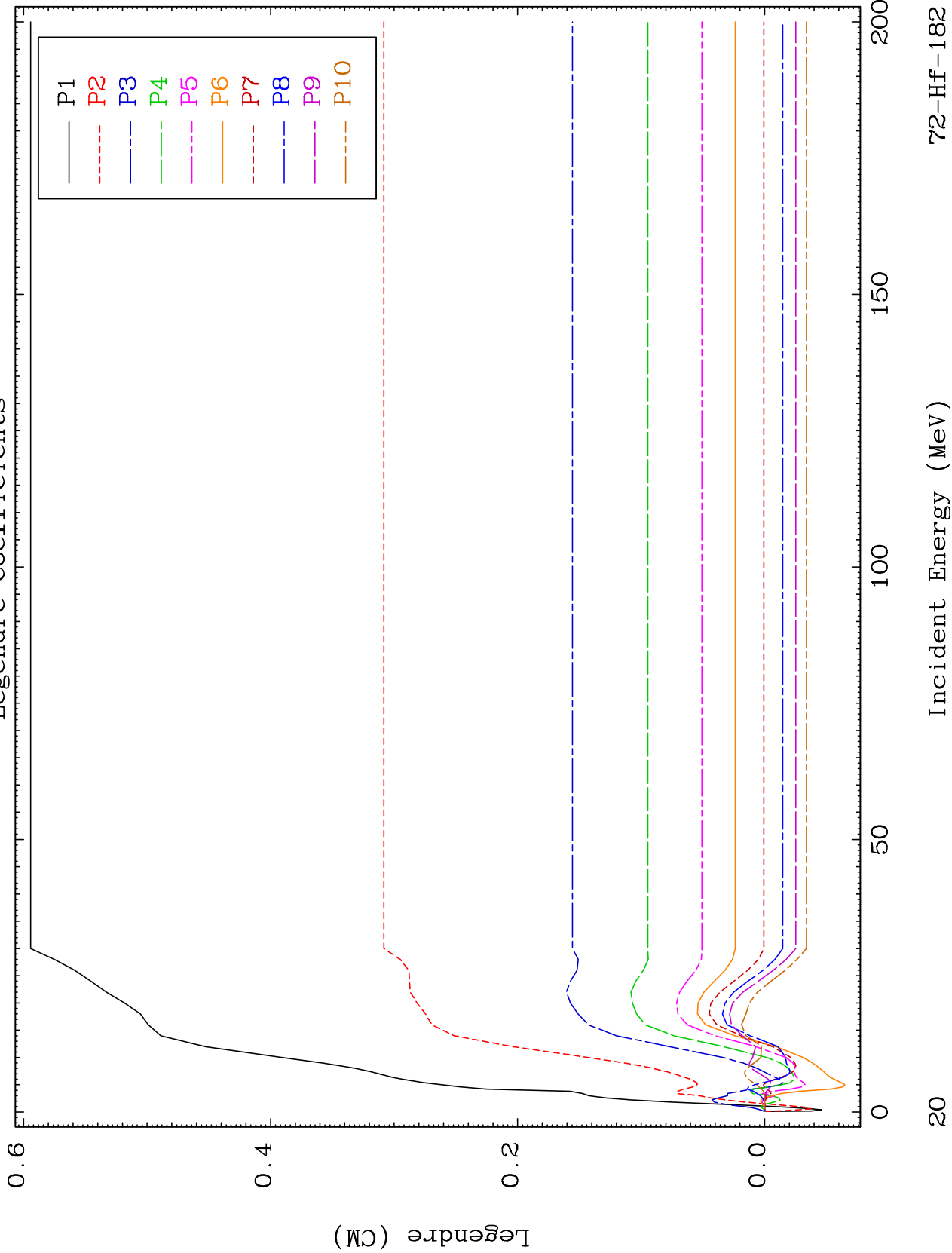
72-Hf-182



MAT 7249

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

72-Hf-182



72-Hf-182

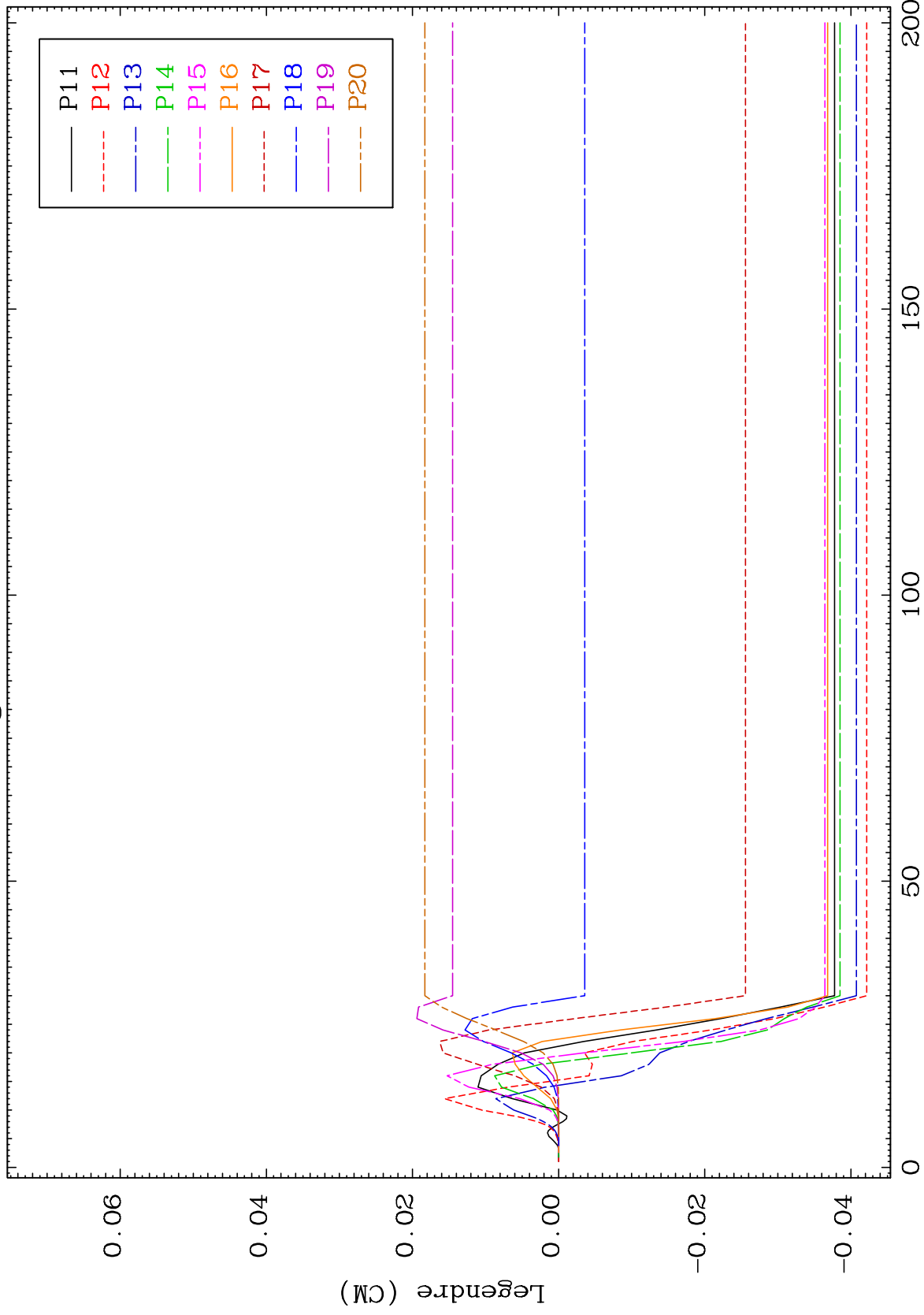
Incident Energy (MeV)

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MAT 7249

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

72-Hf-182



21

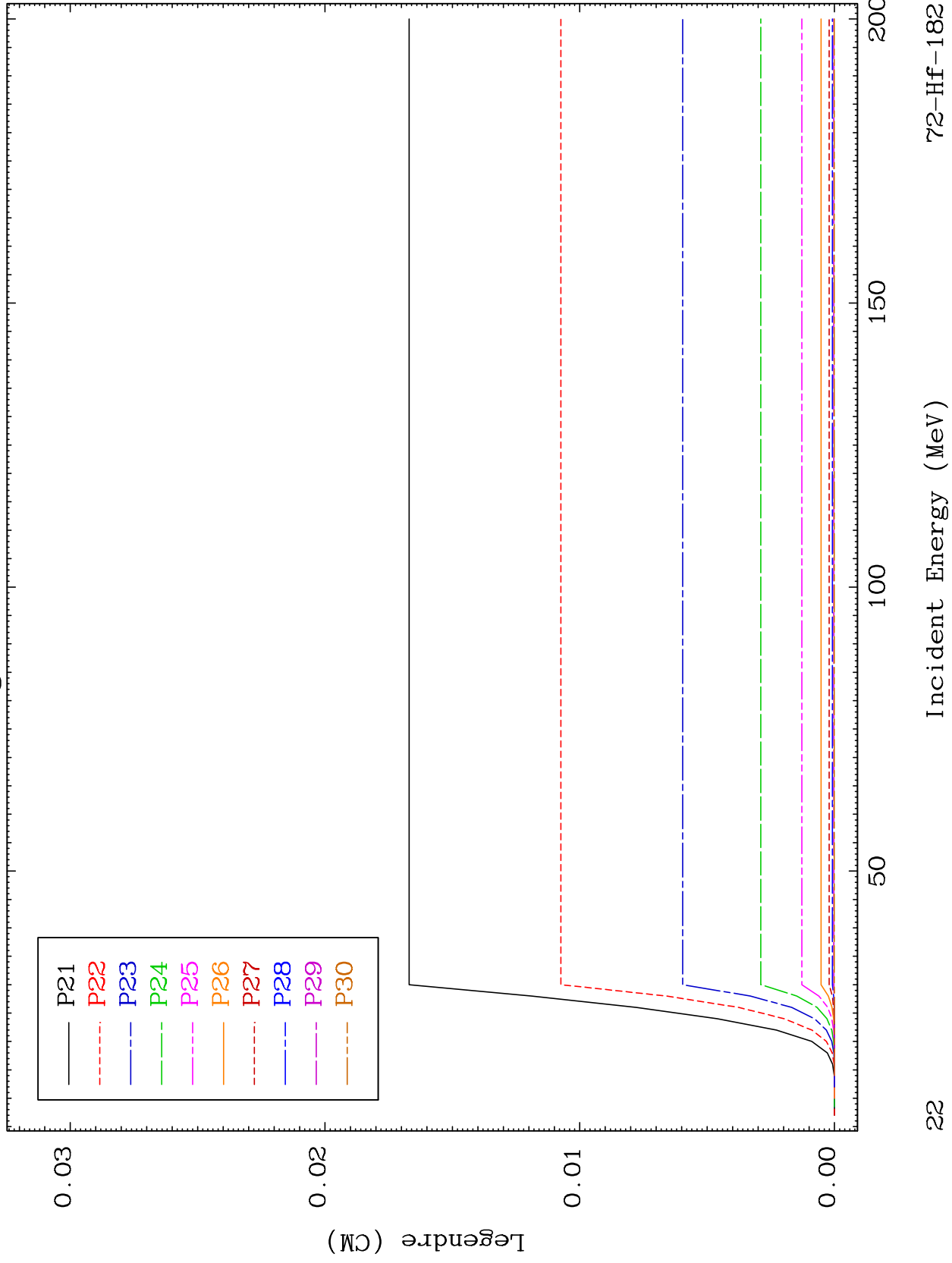
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



22

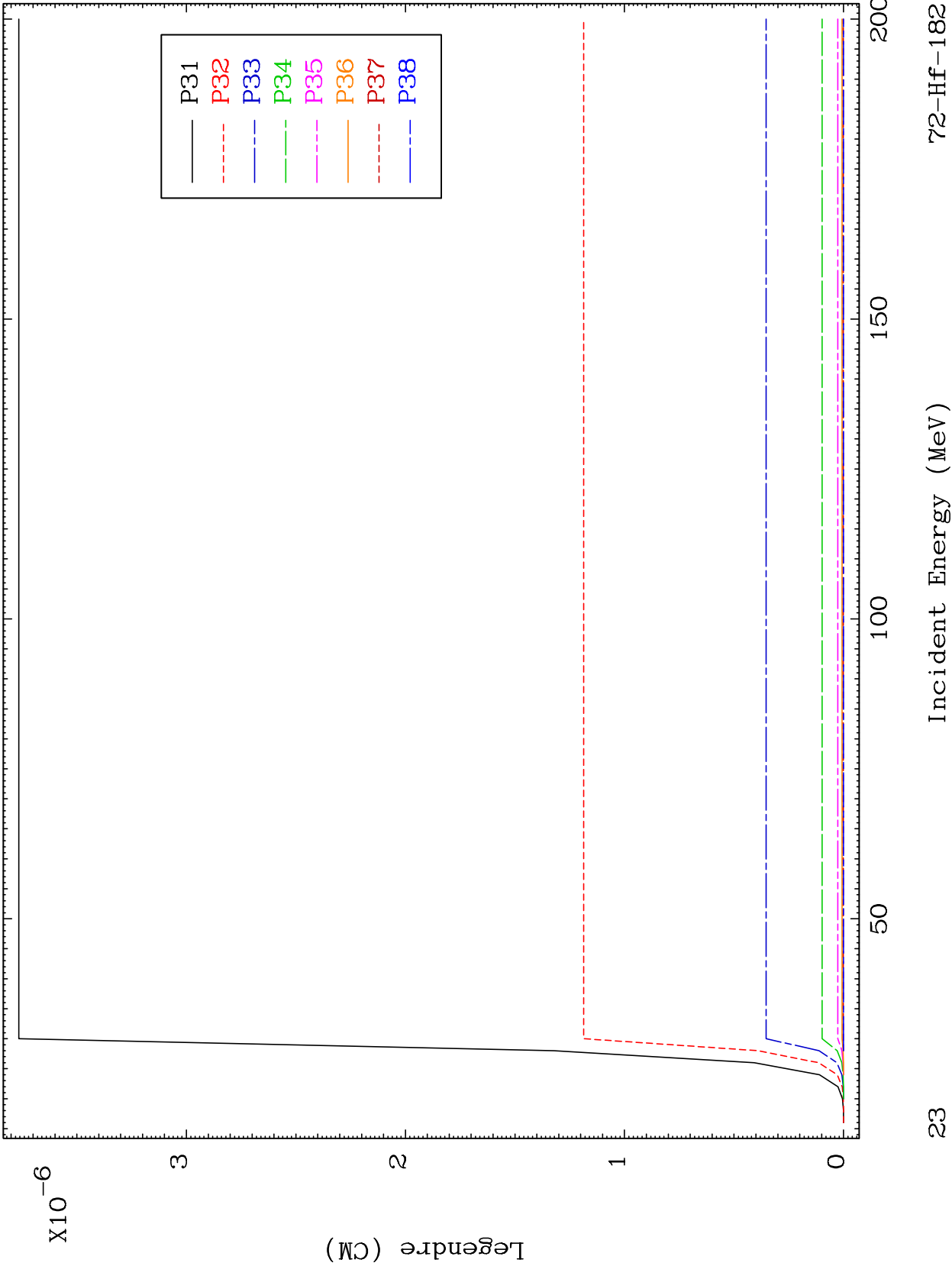
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



23

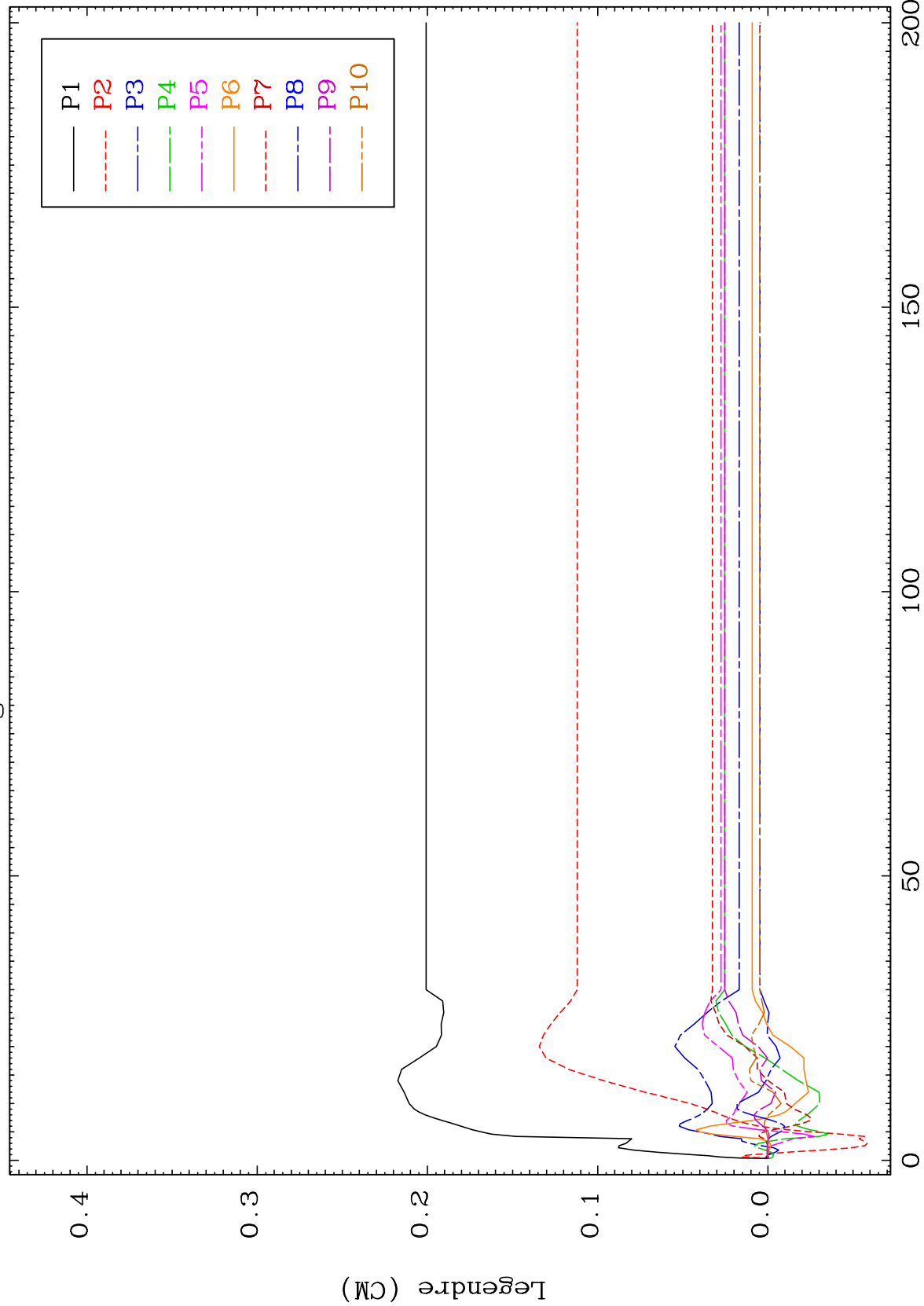
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



24

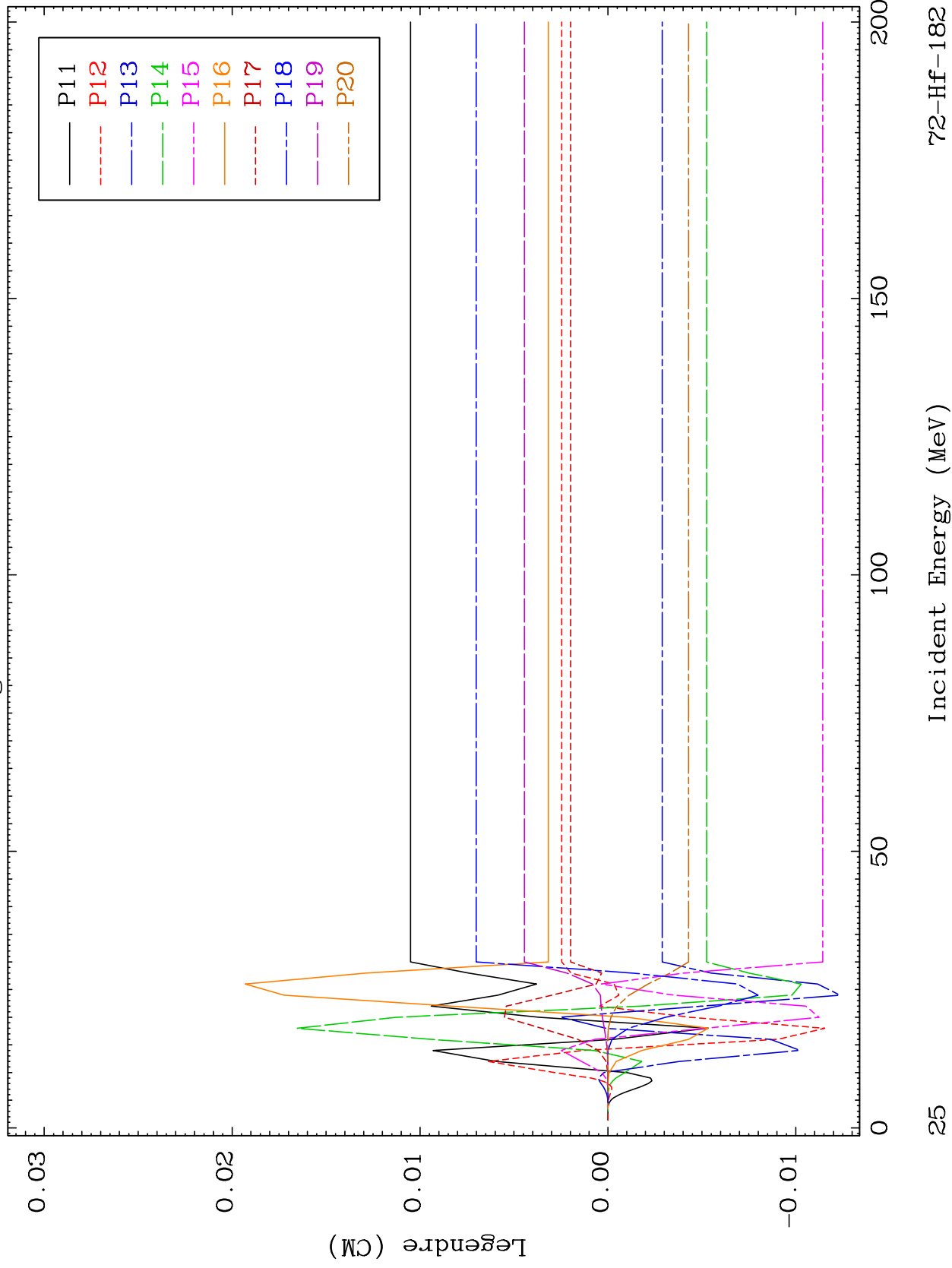
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

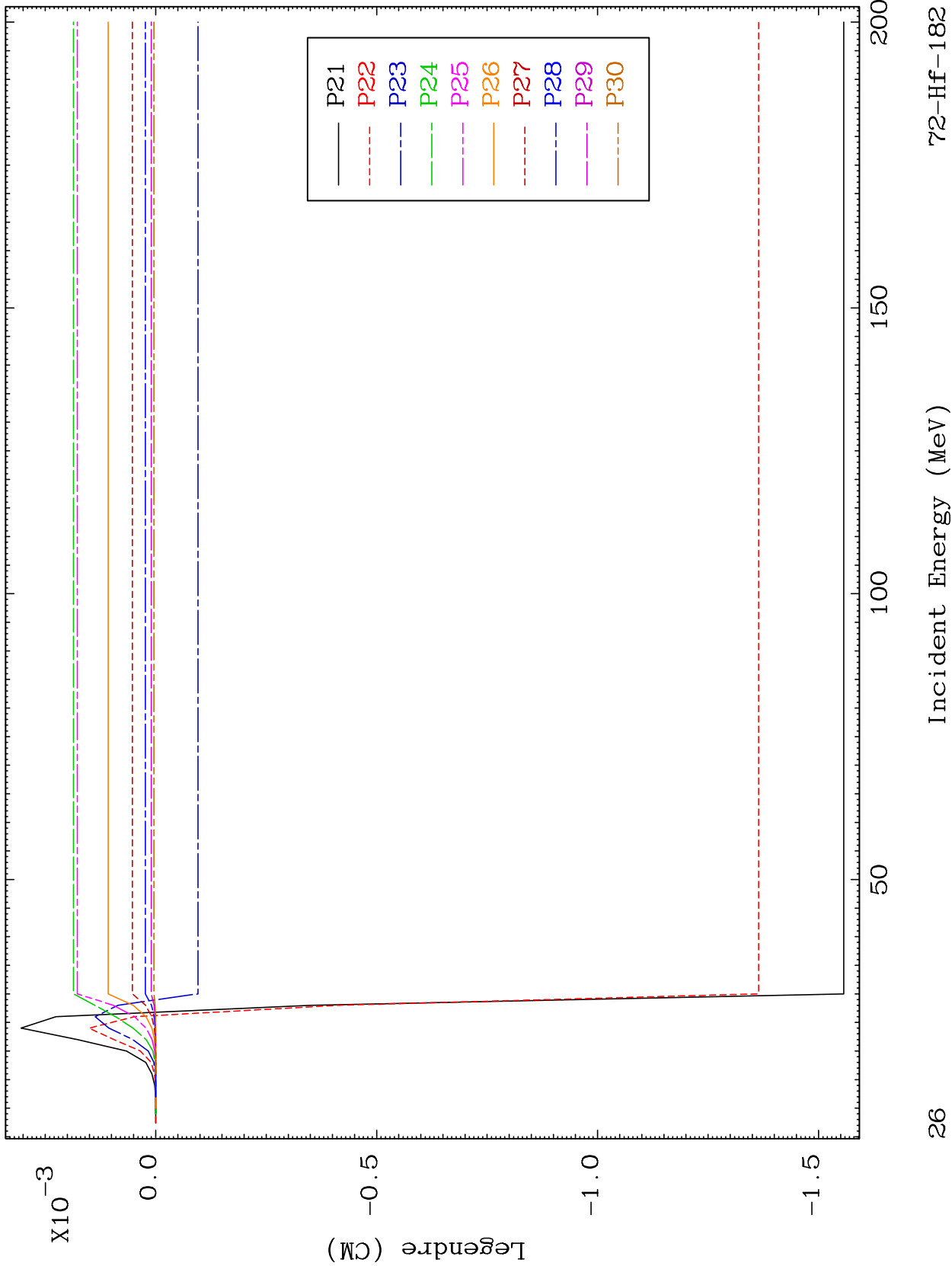
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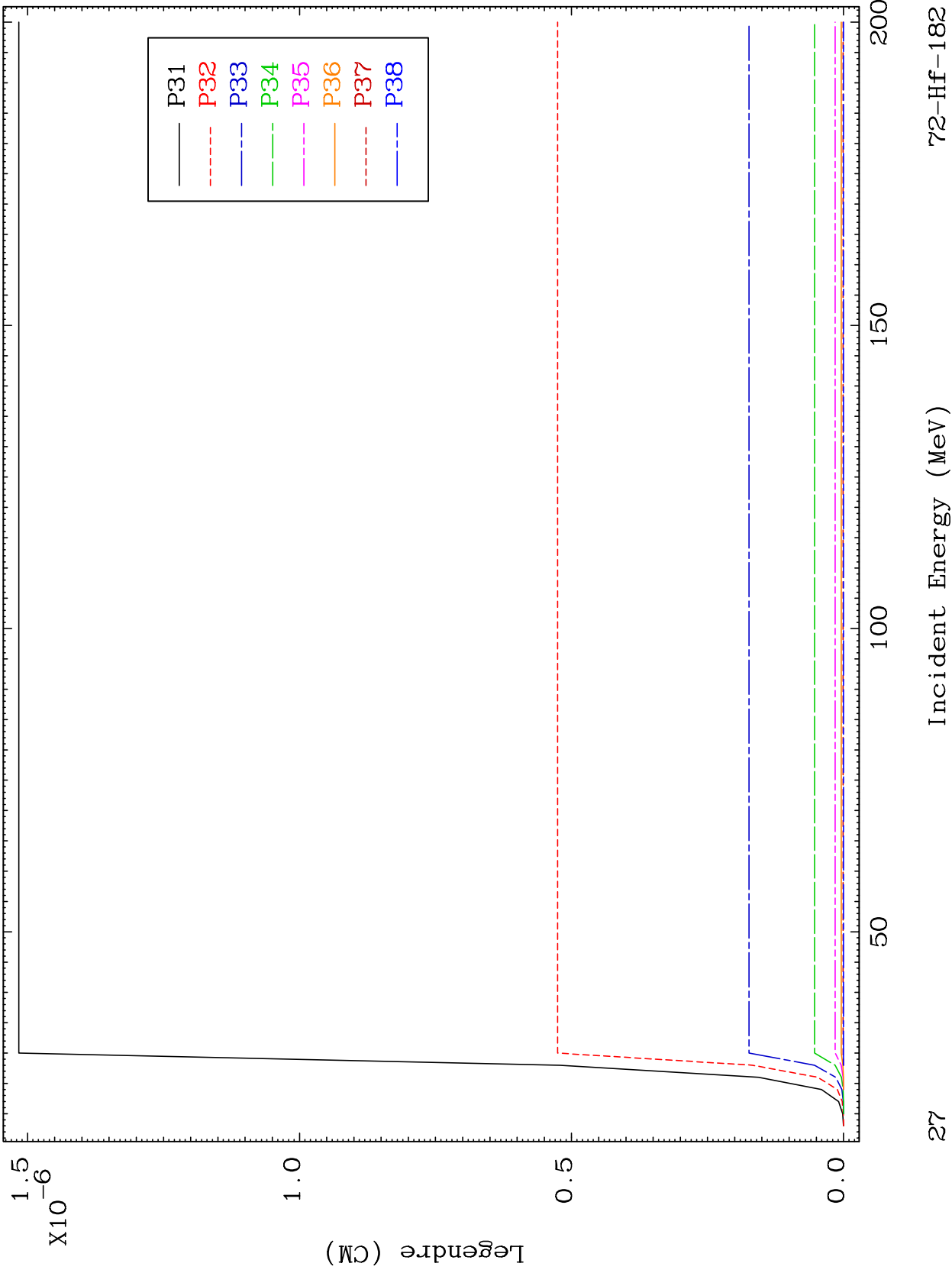


72-Hf-182

Incident Energy (MeV)

25

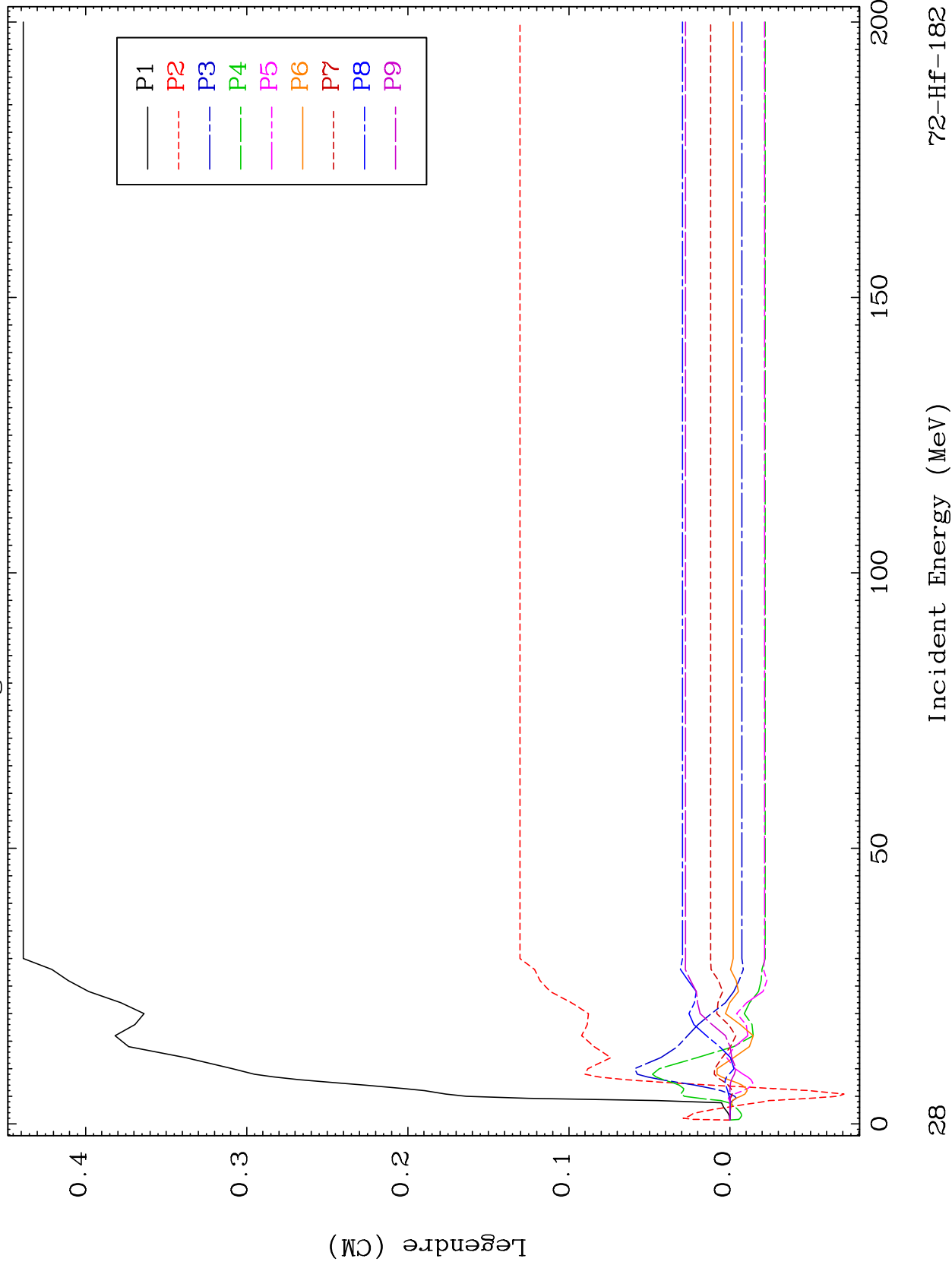




MAT 7249

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

72-Hf-182



72-Hf-182

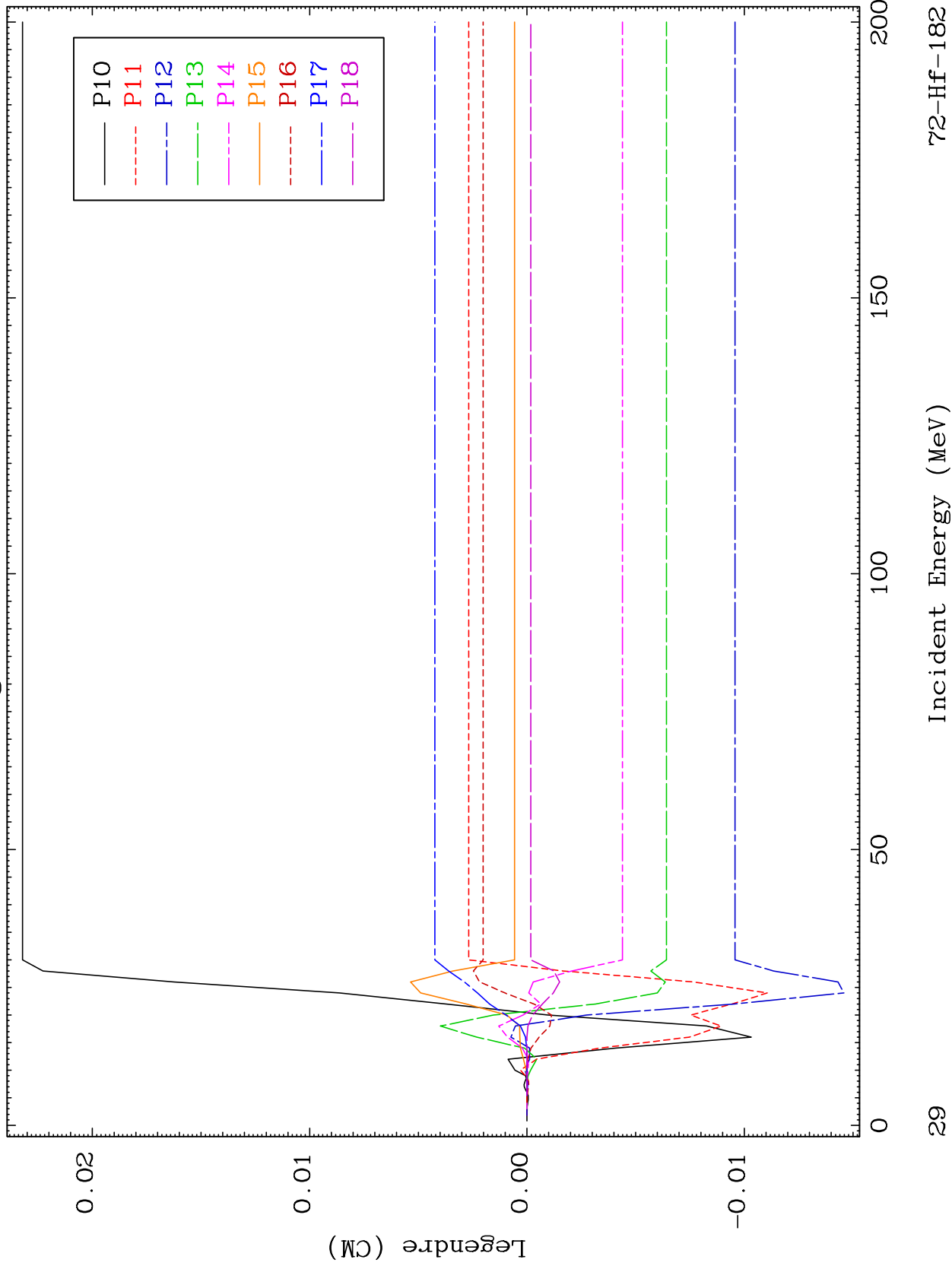
Incident Energy (MeV)

28

MAT 7249

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

72-Hf-182



72-Hf-182

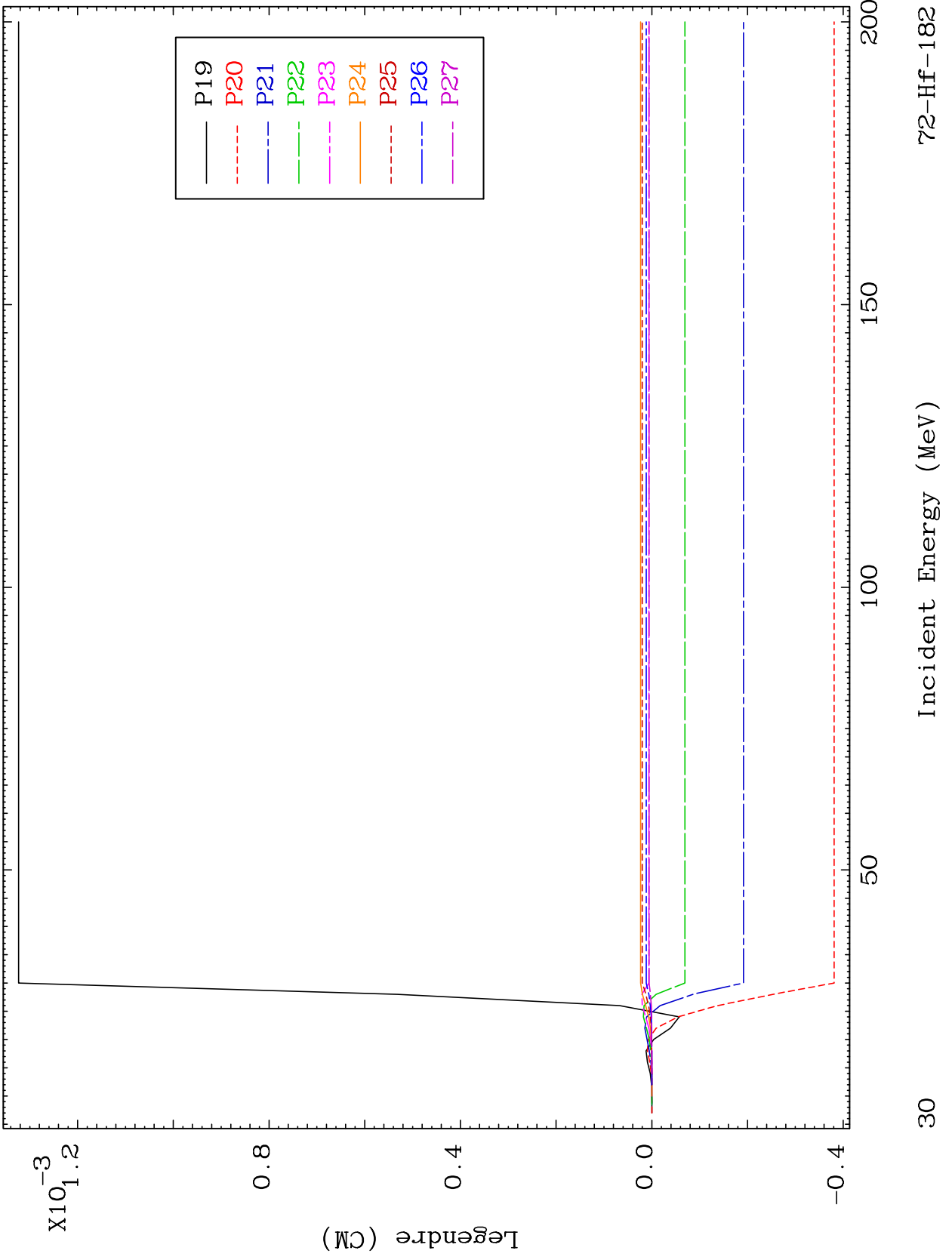
Incident Energy (MeV)

29

MAT 7249

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

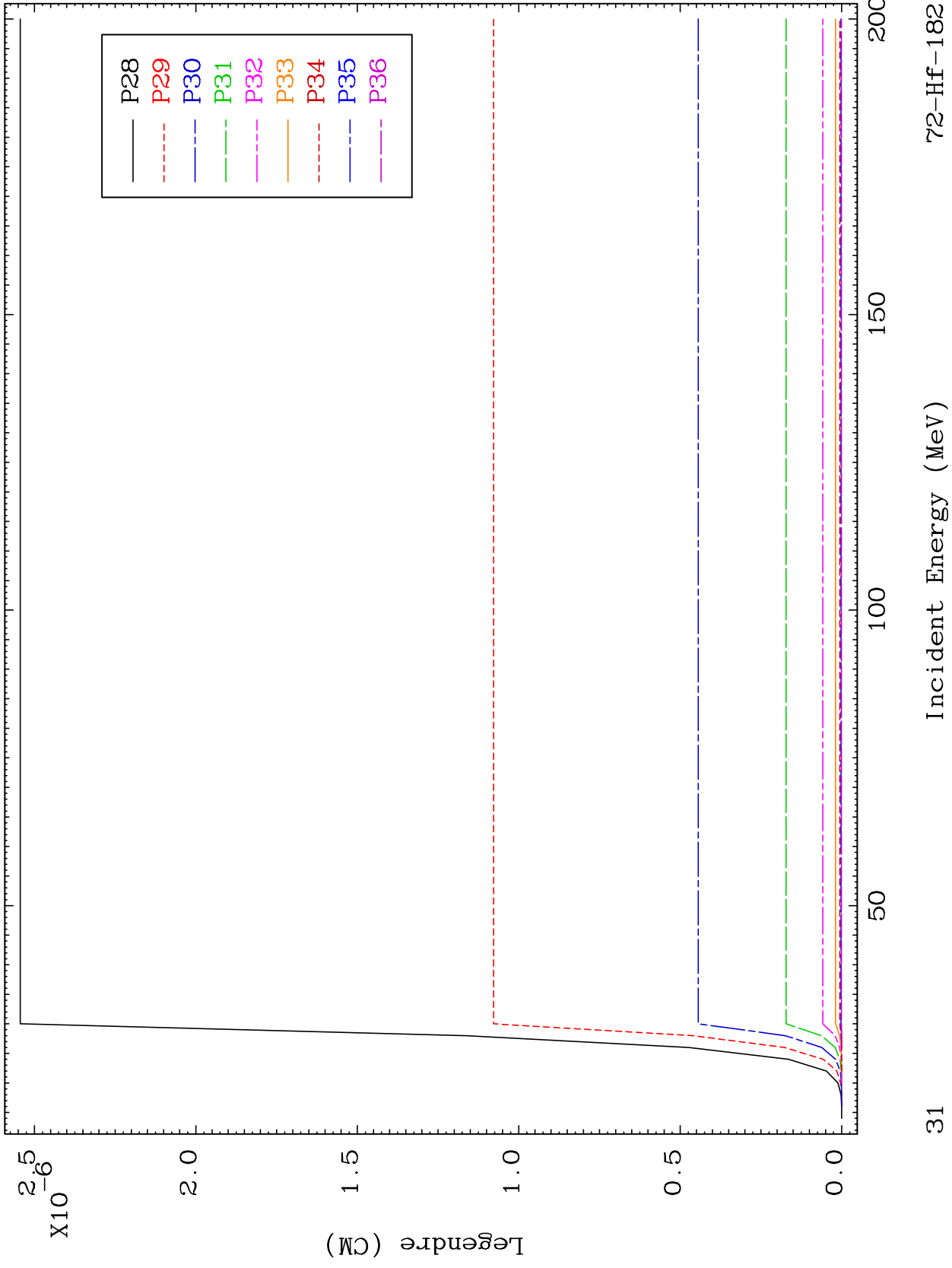
72-Hf-182



MAT 7249

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

72-Hf-182



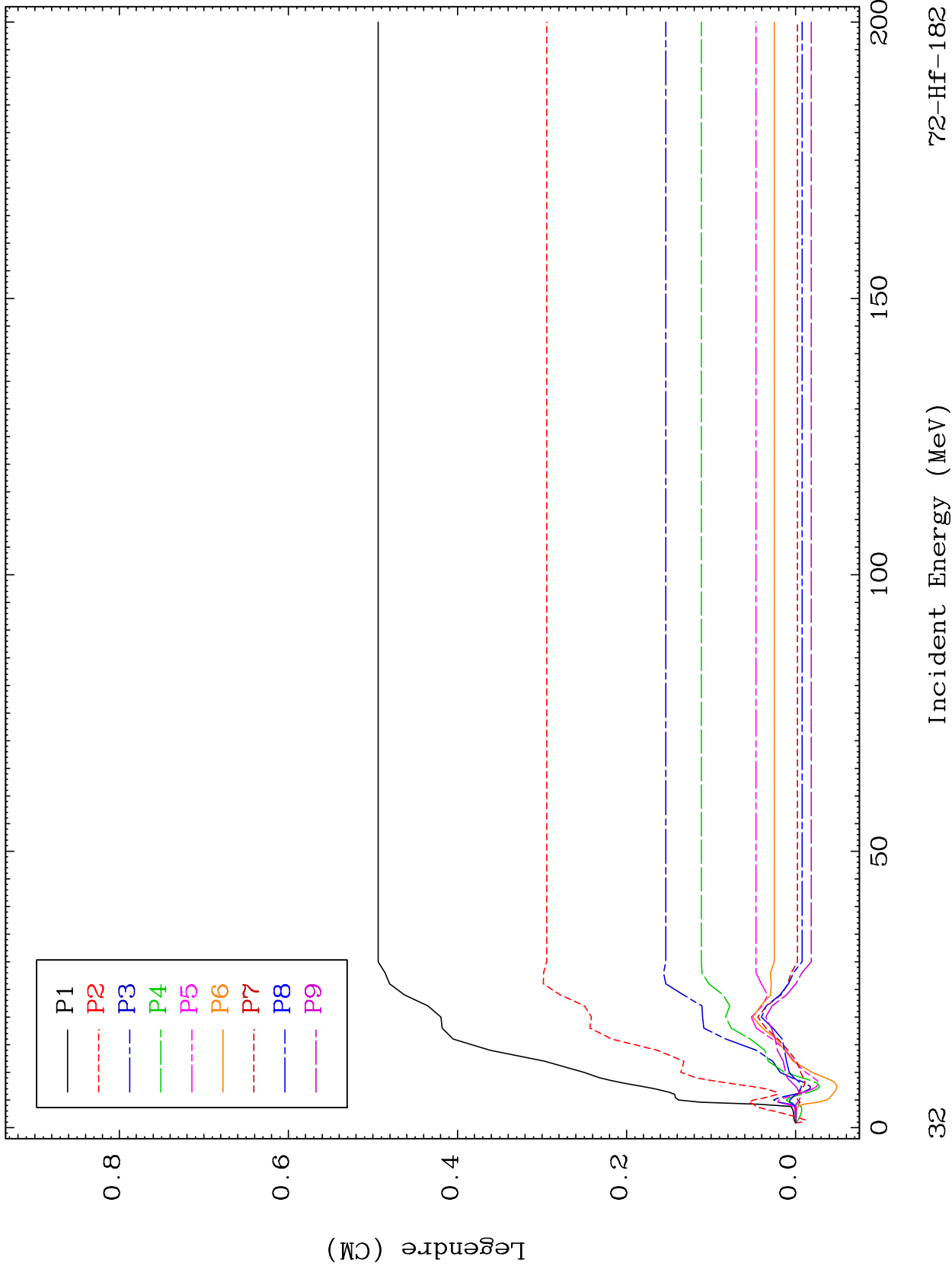
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72-Hf-182

MAT 7249

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

72-Hf-182



32

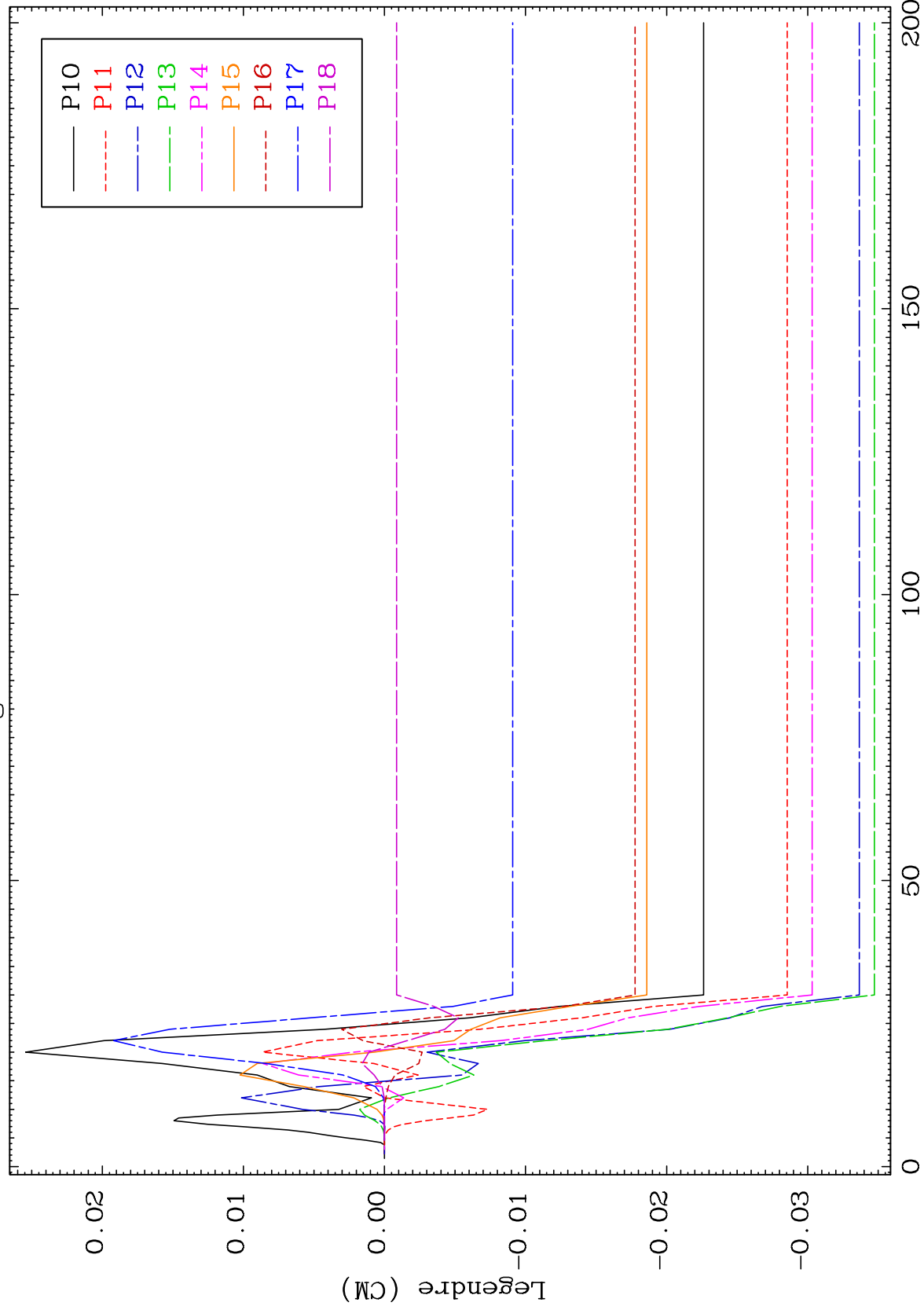
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

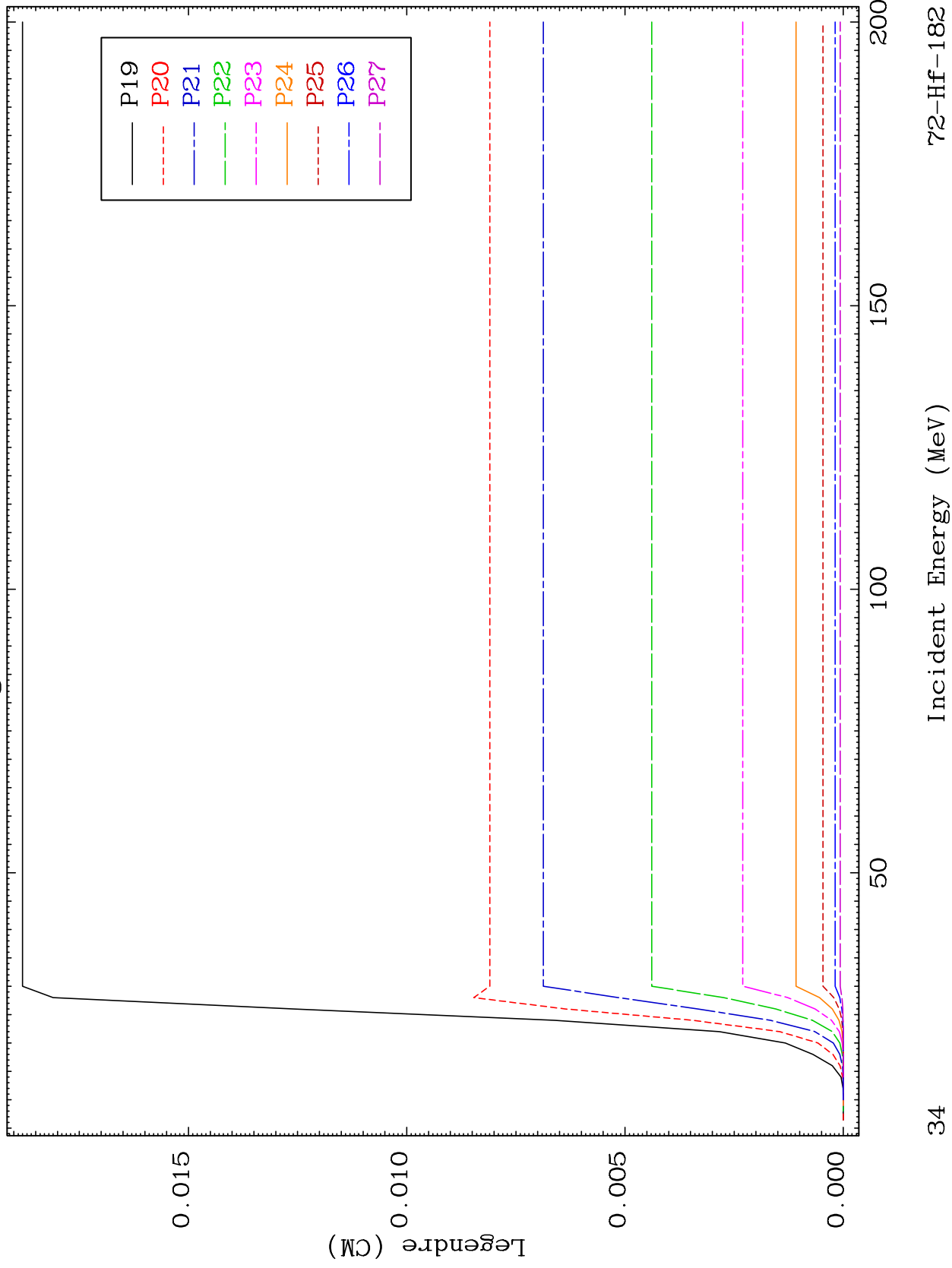
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MAT 7249

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

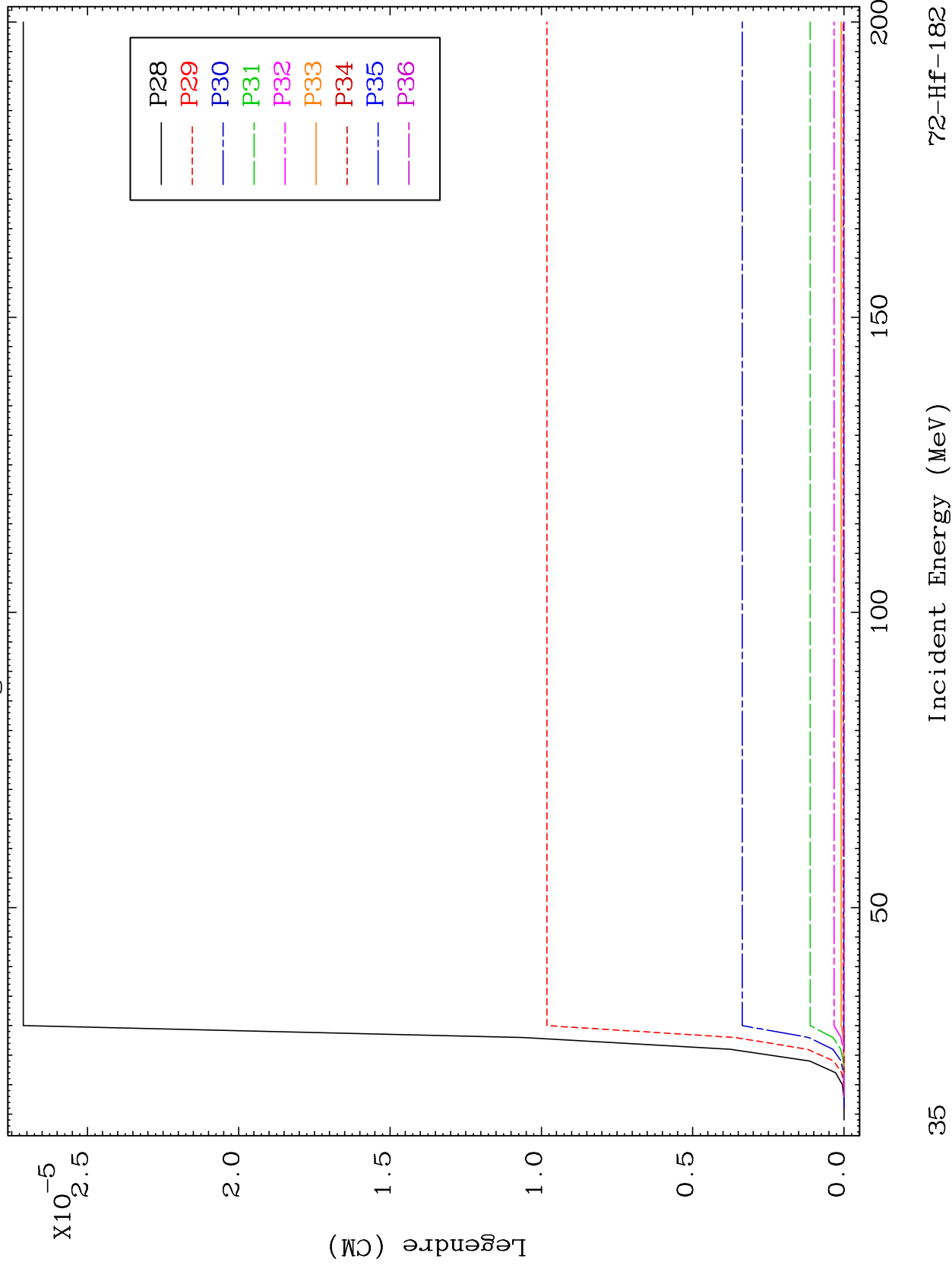
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MAT 7249

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

72-Hf-182



35

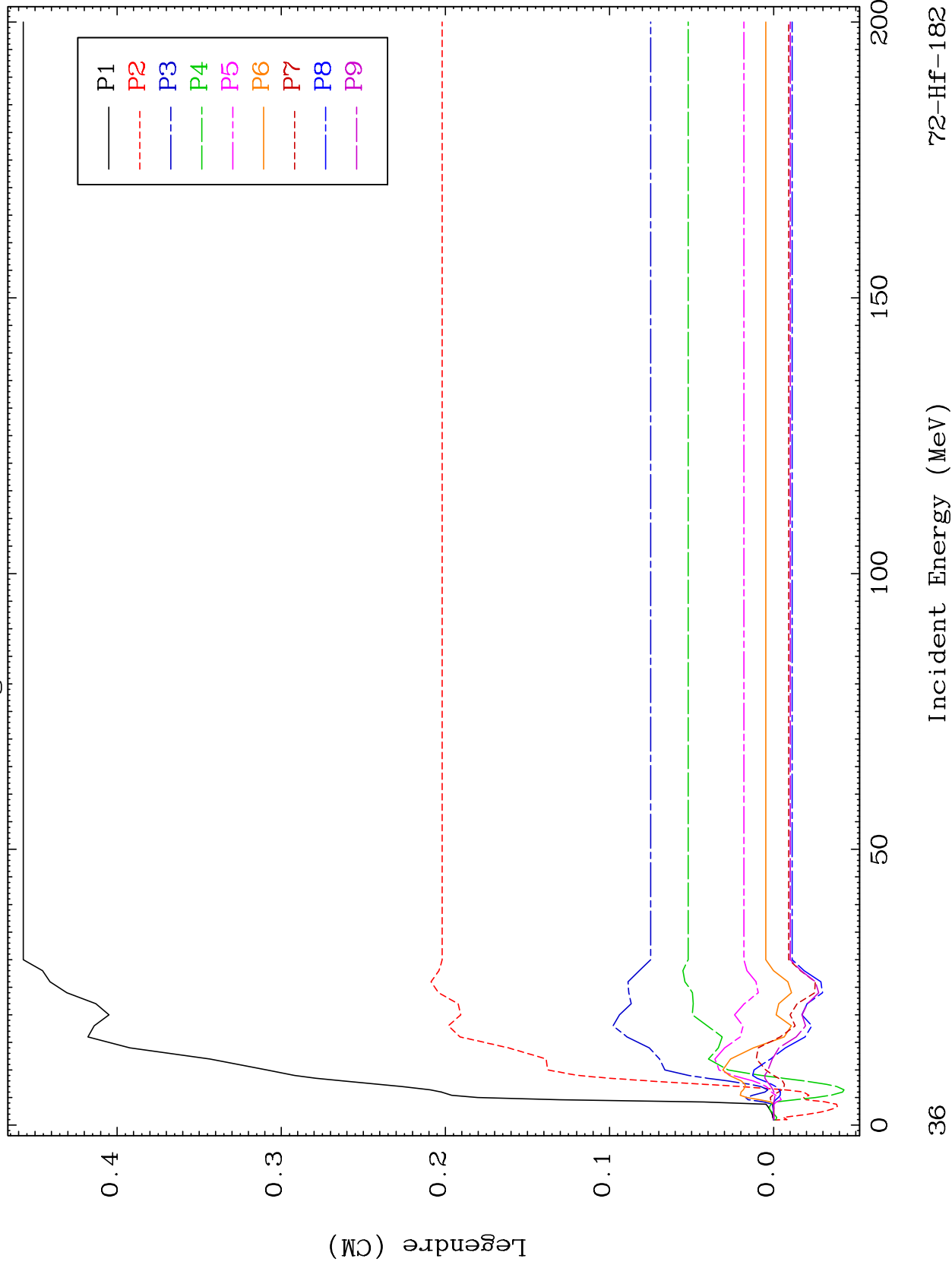
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



72-Hf-182

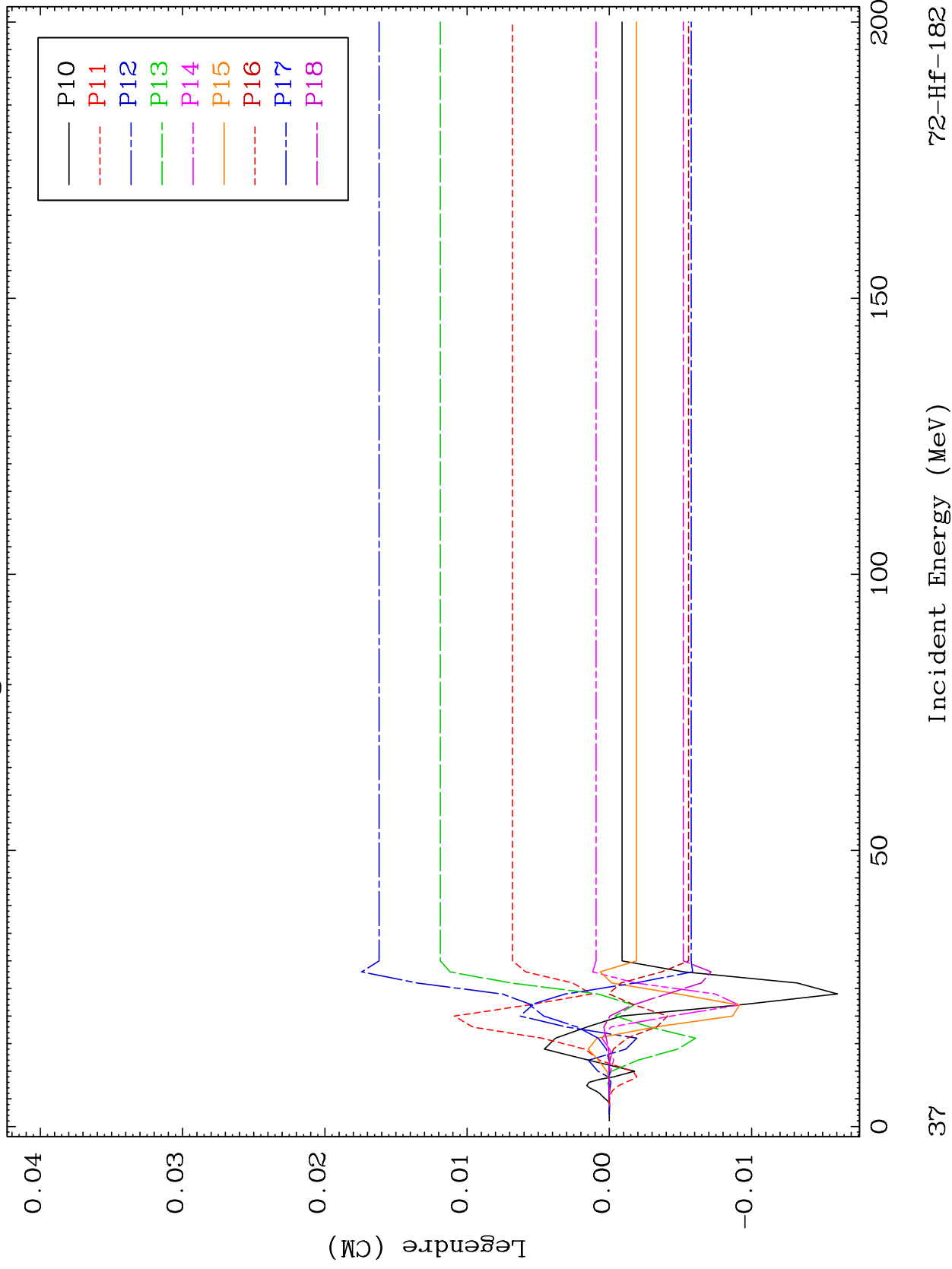
Incident Energy (MeV)

36

MAT 7249

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

72-Hf-182



37

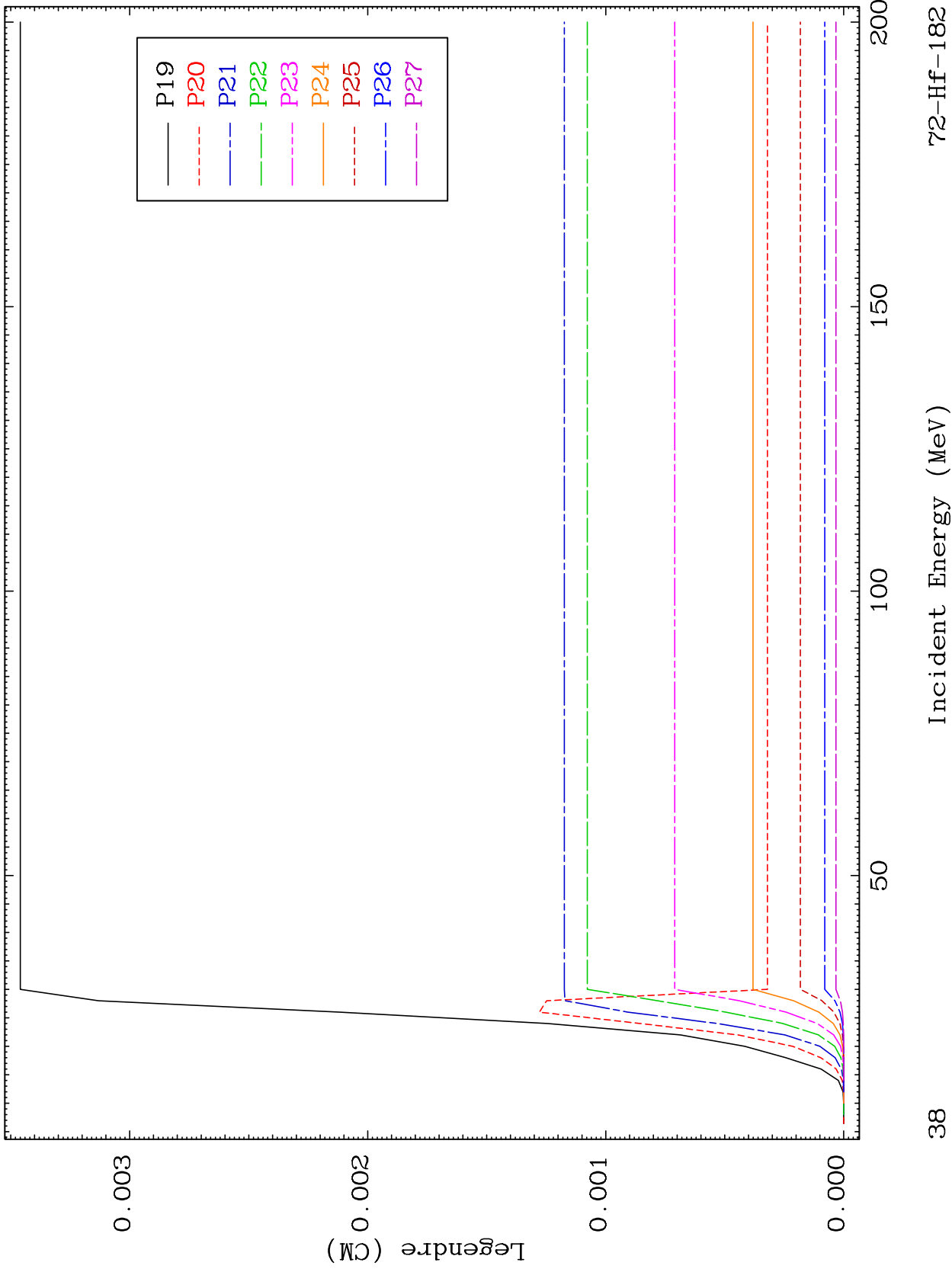
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



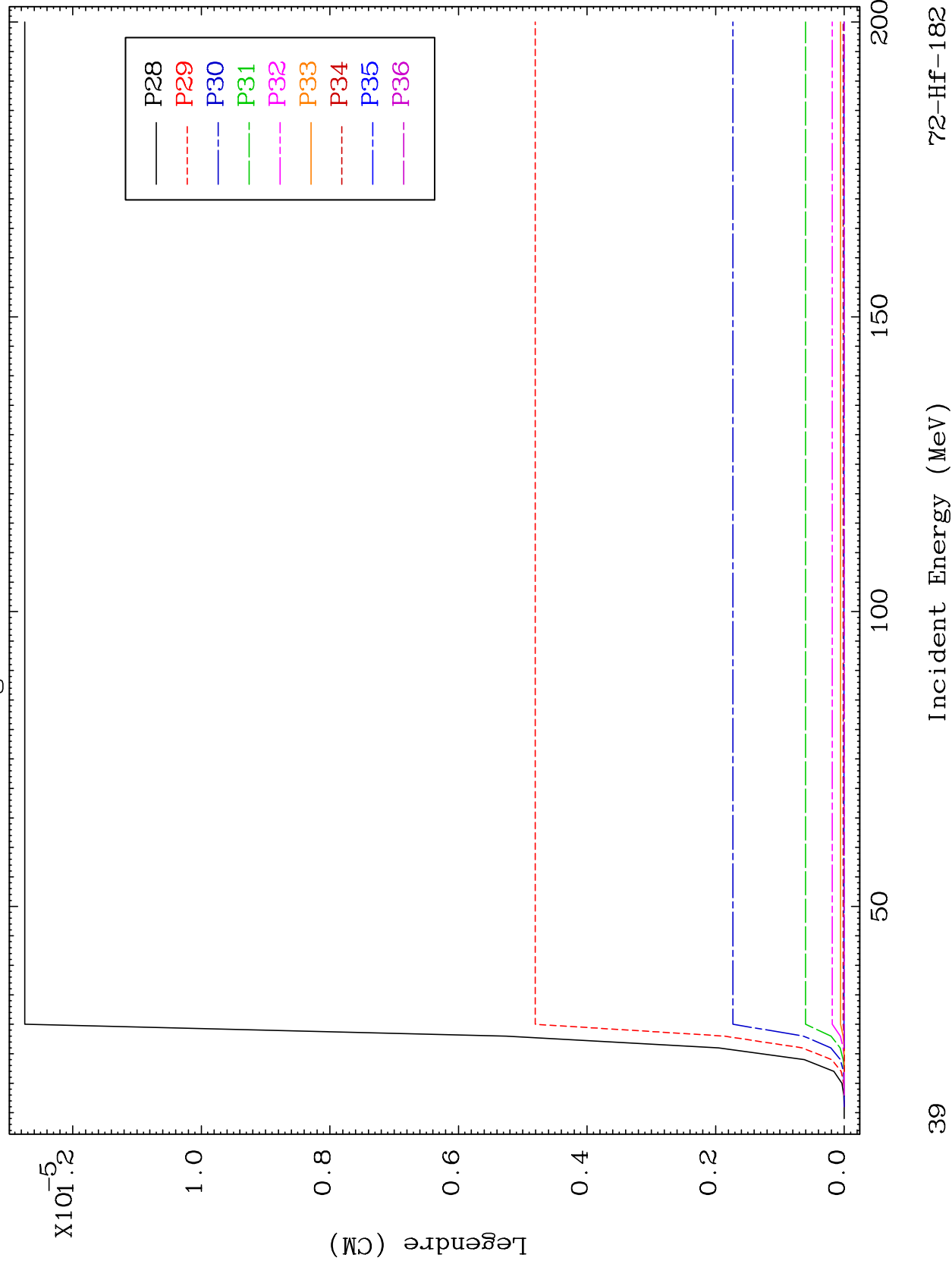
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72-Hf-182

MAT 7249

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

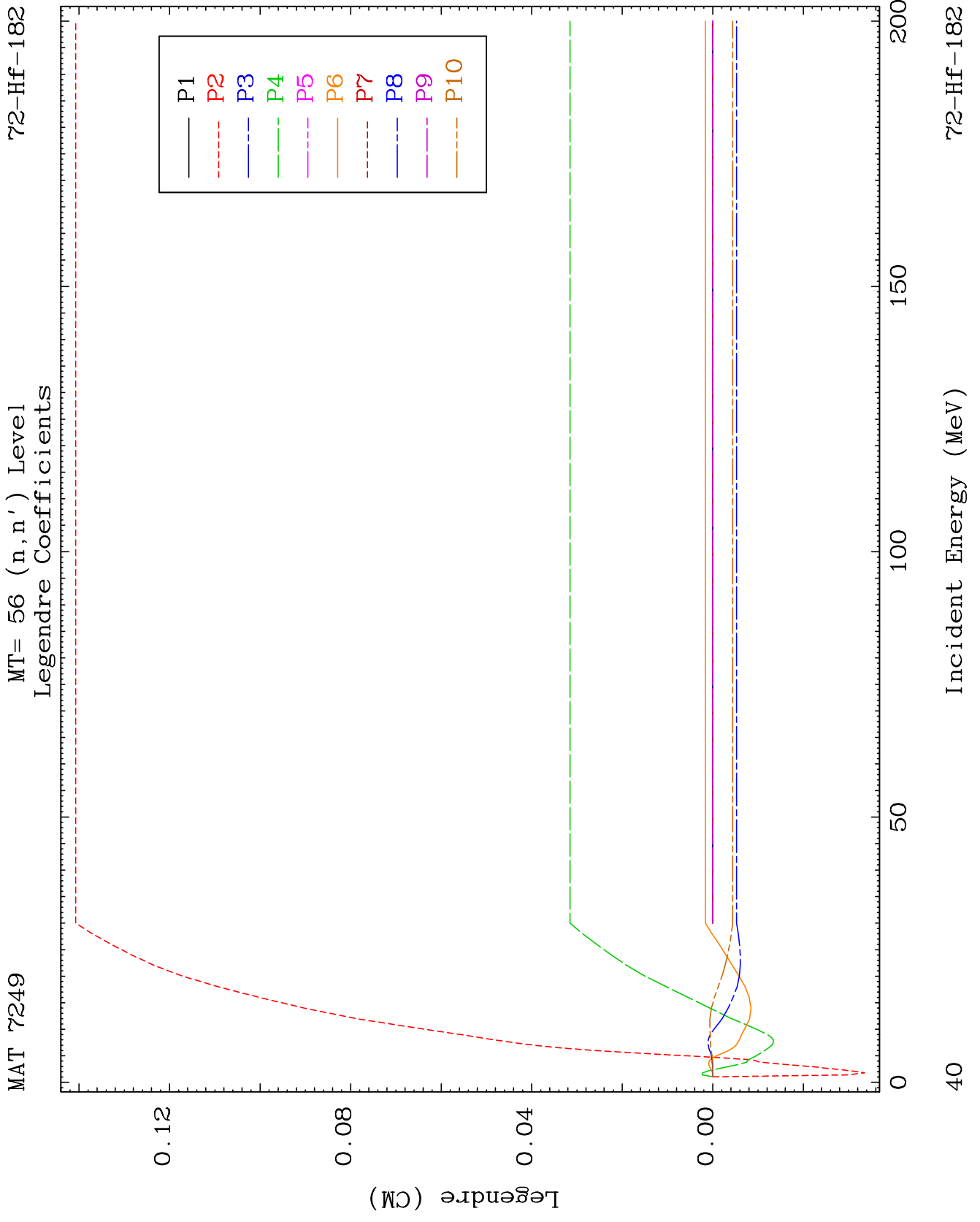
72-Hf-182



39

Incident Energy (MeV)

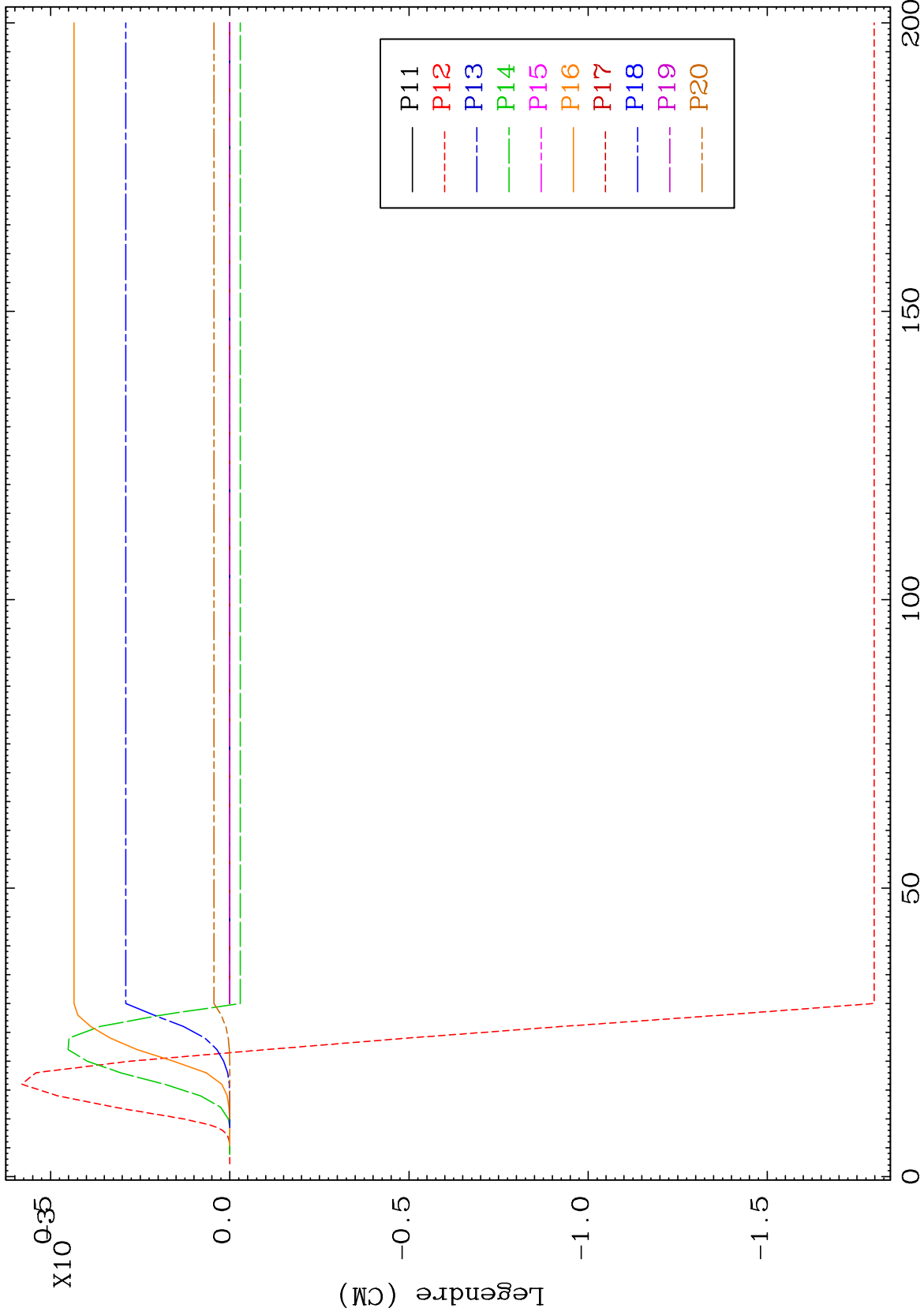
72-Hf-182



MAT 7249

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

72-Hf-182



41

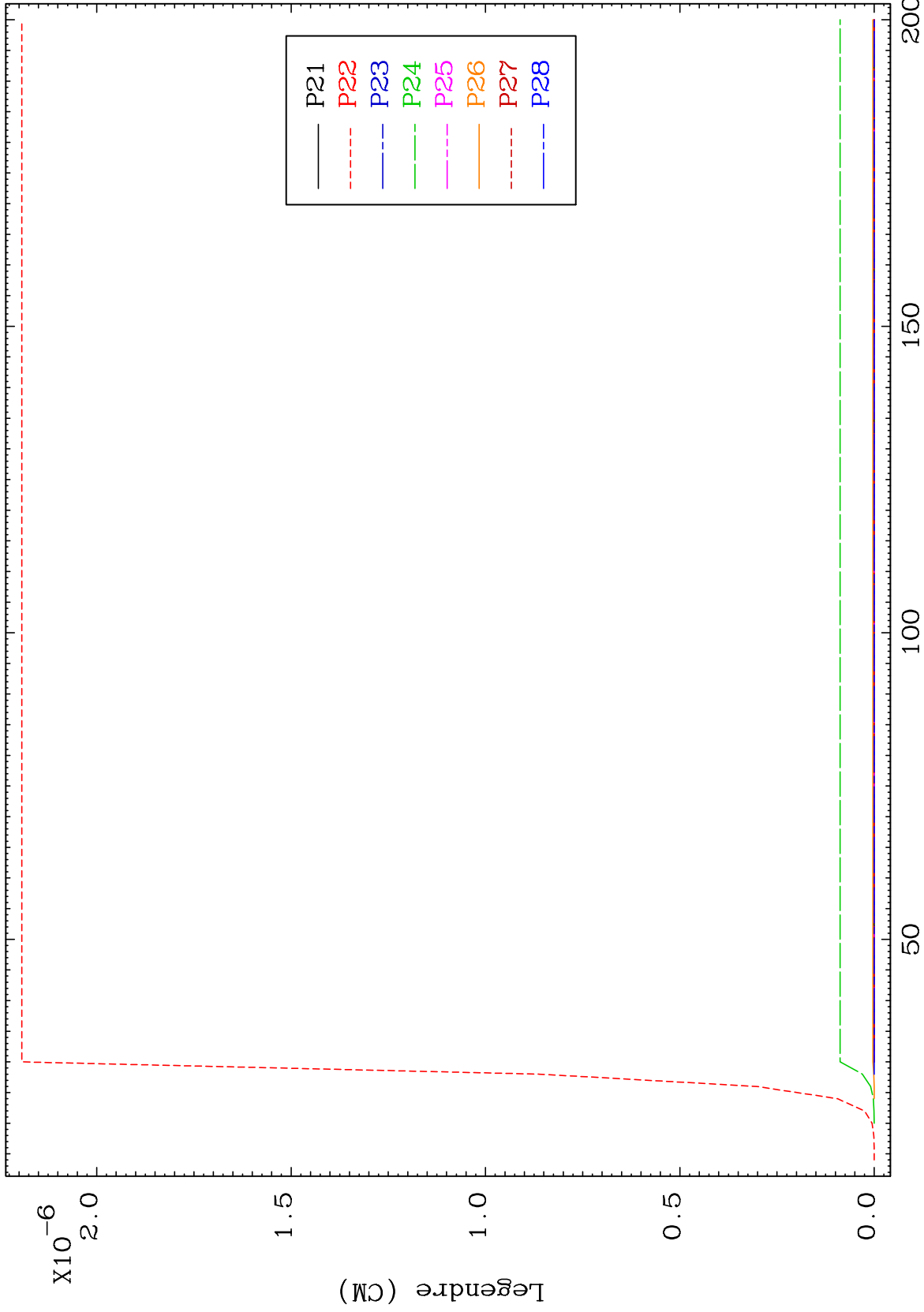
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

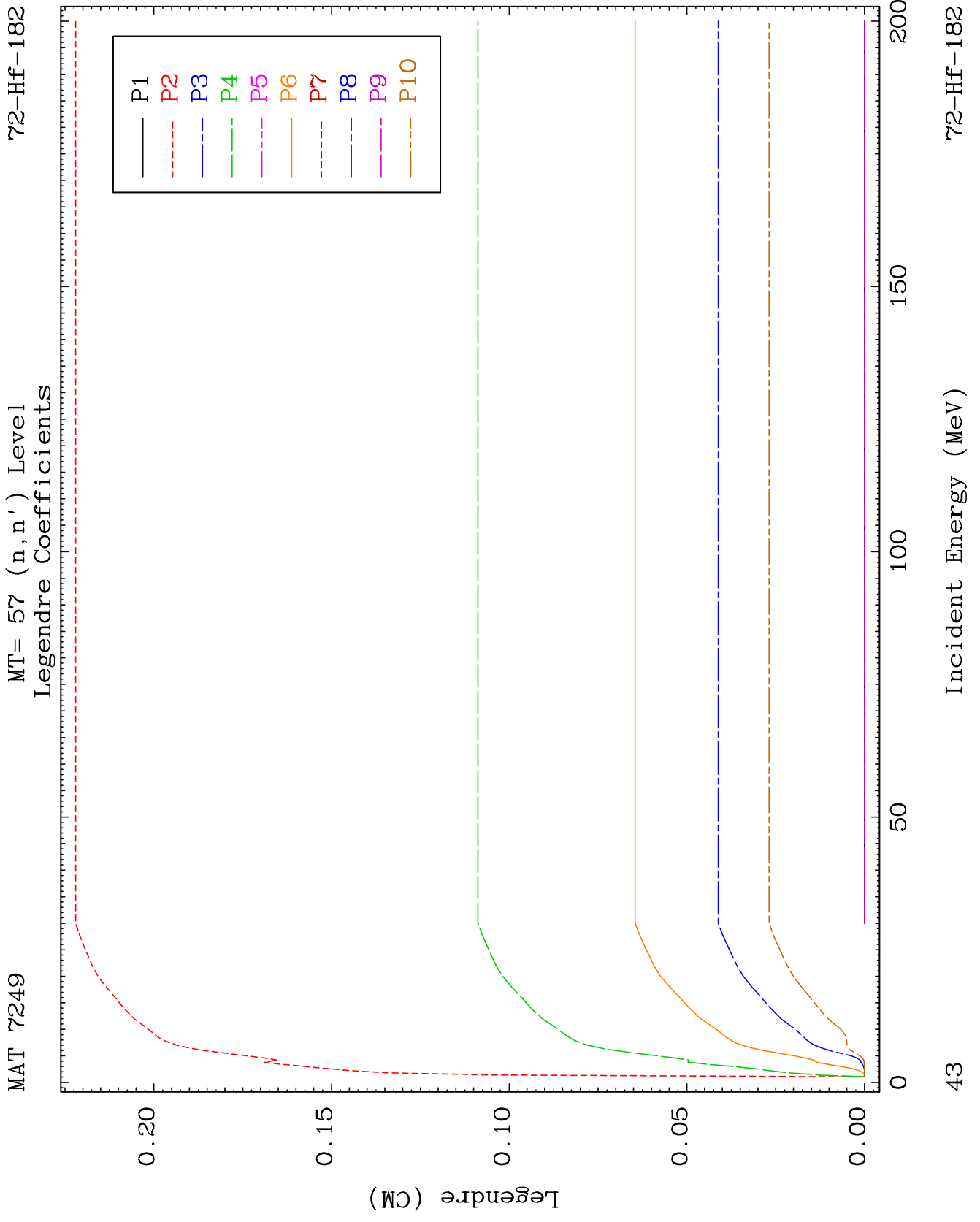
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42

Incident Energy (MeV)

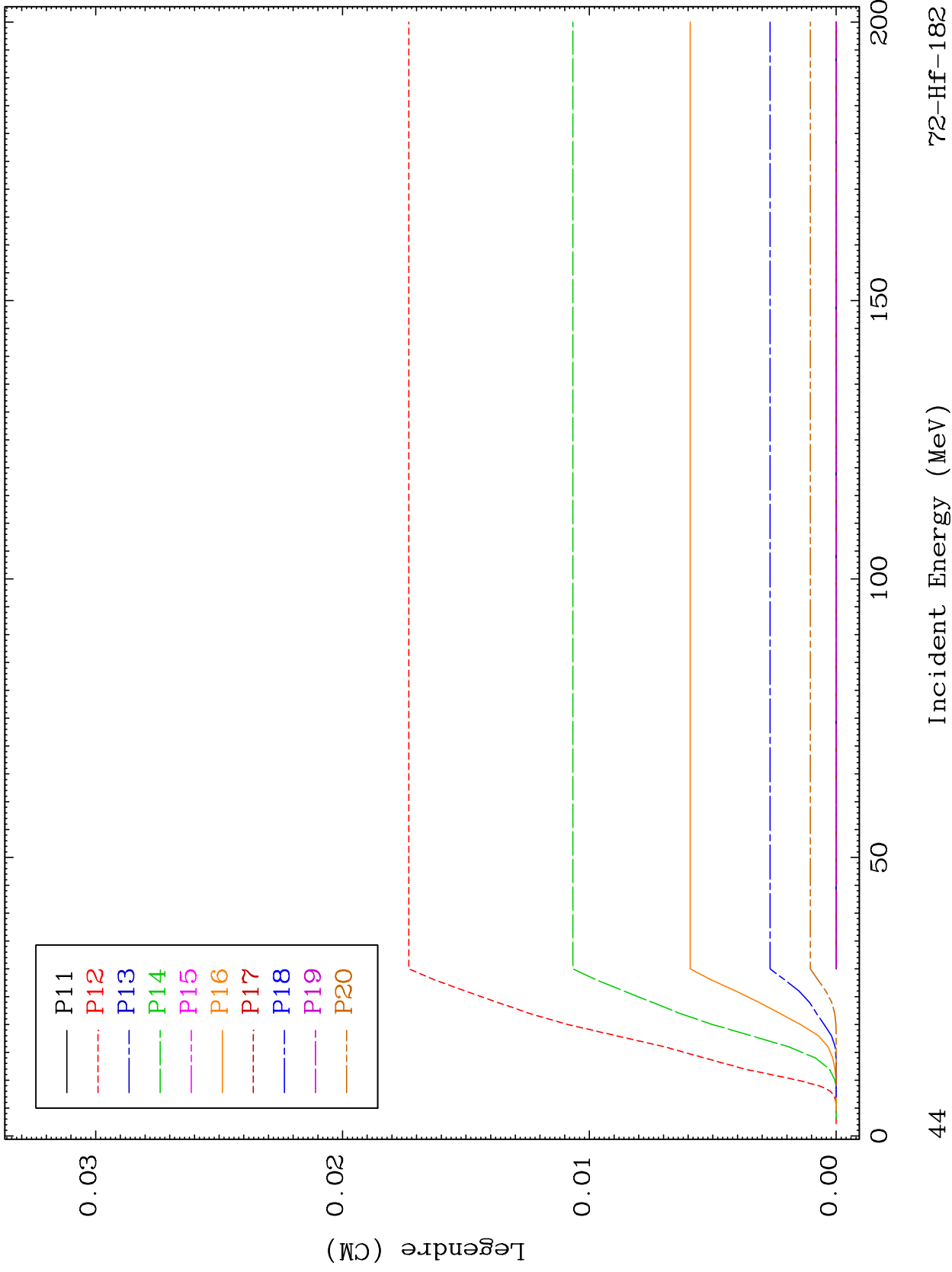
72-Hf-182



MAT 7249

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

72-Hf-182



44

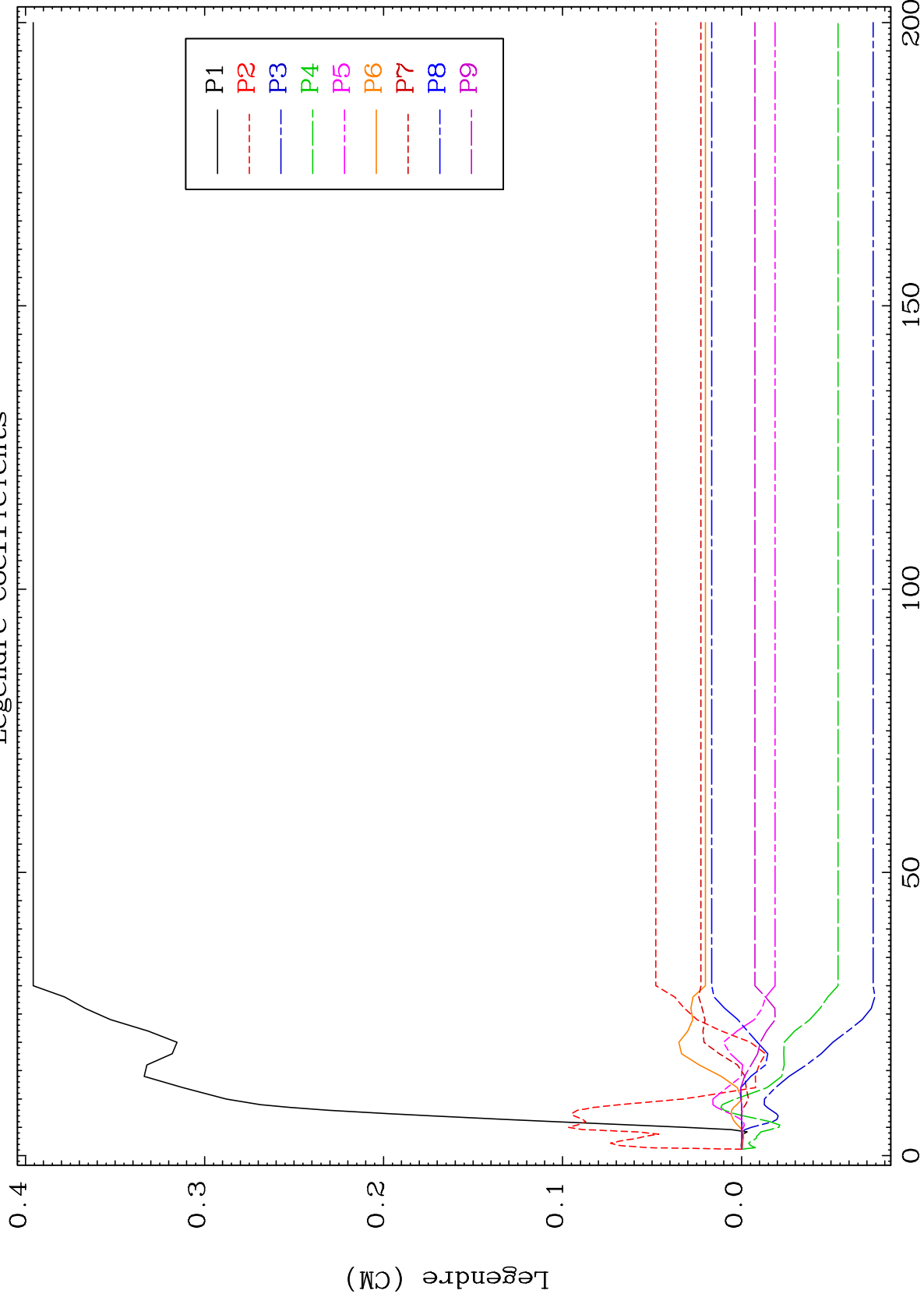
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



46

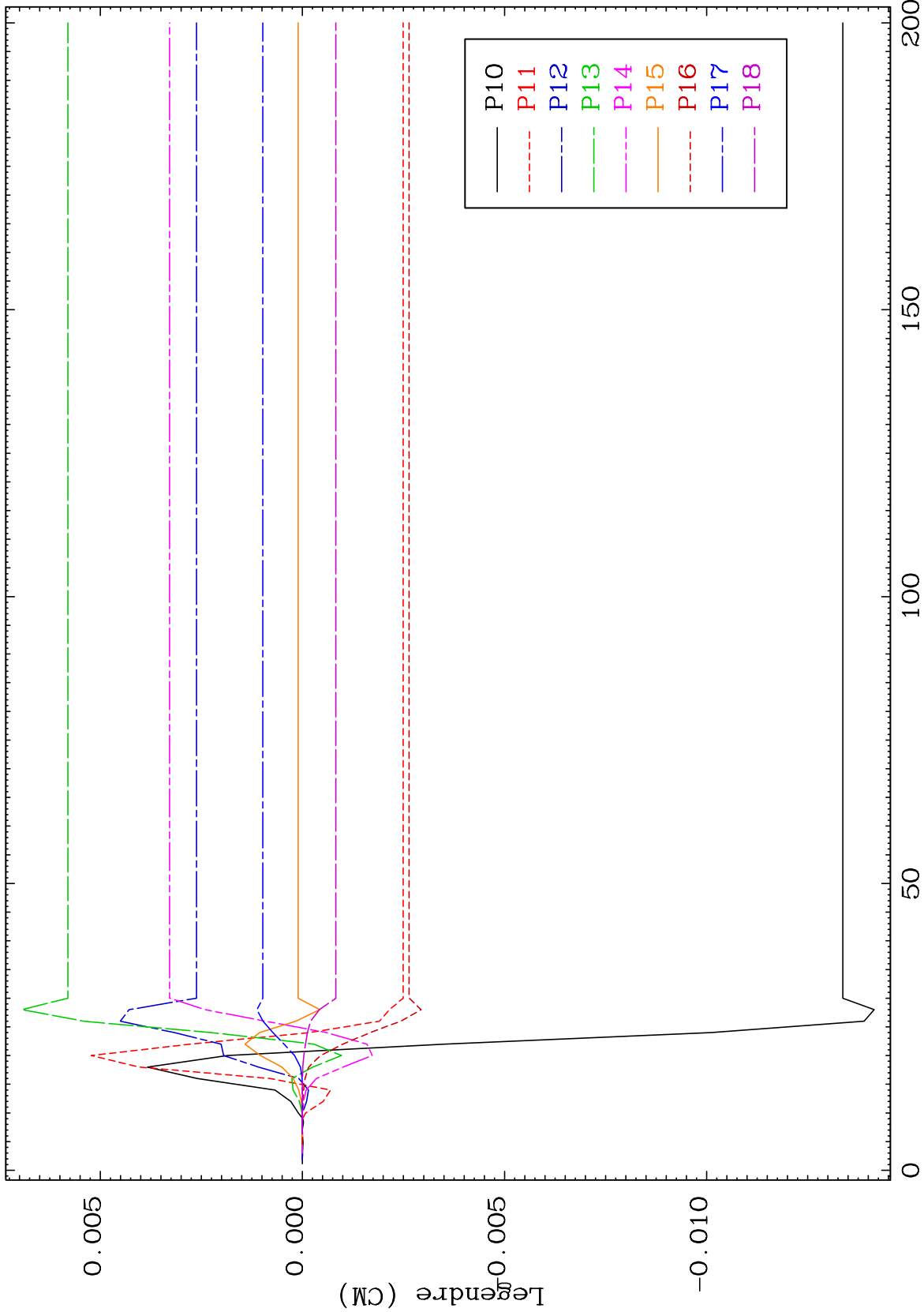
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



47

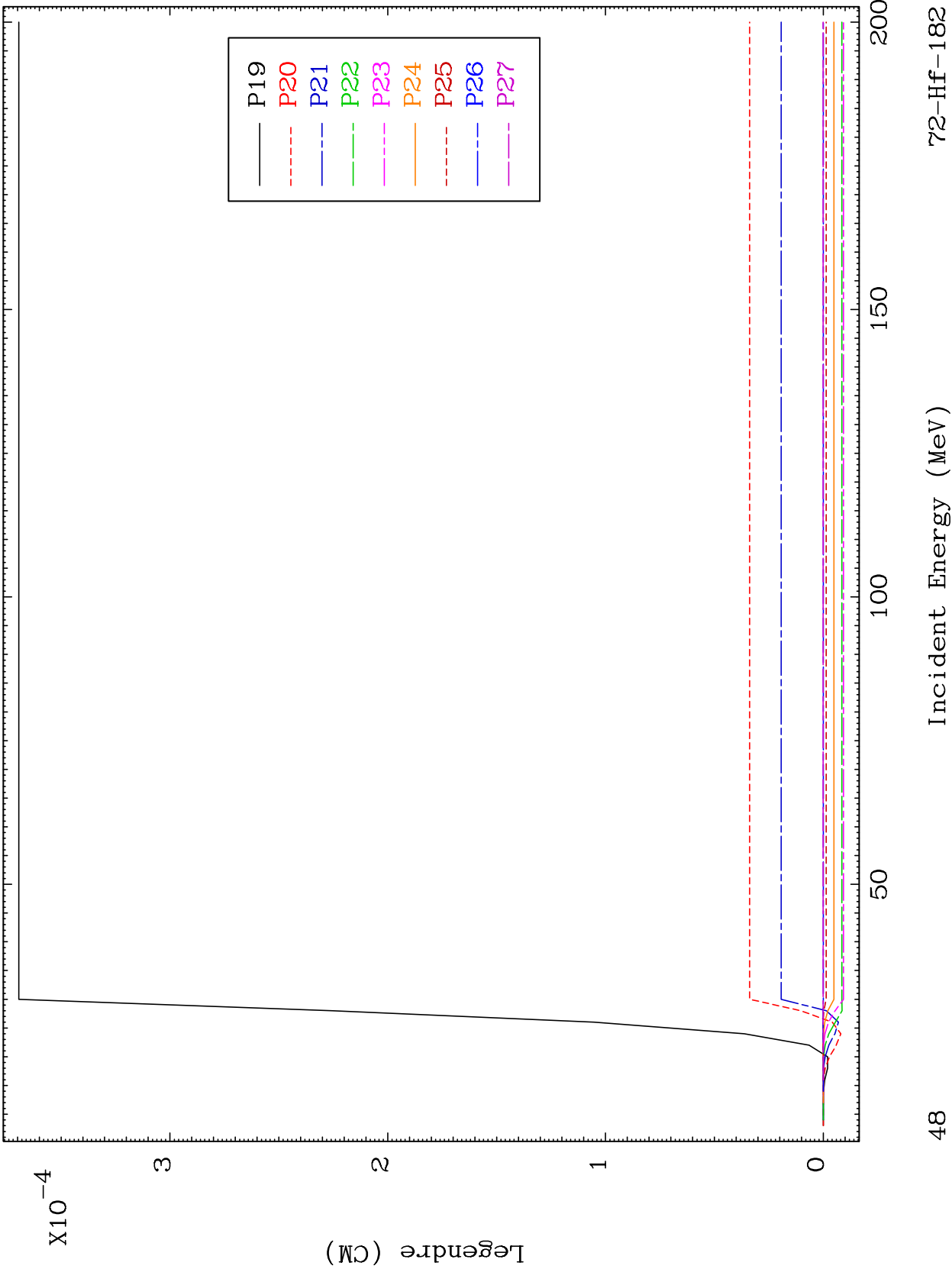
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



48

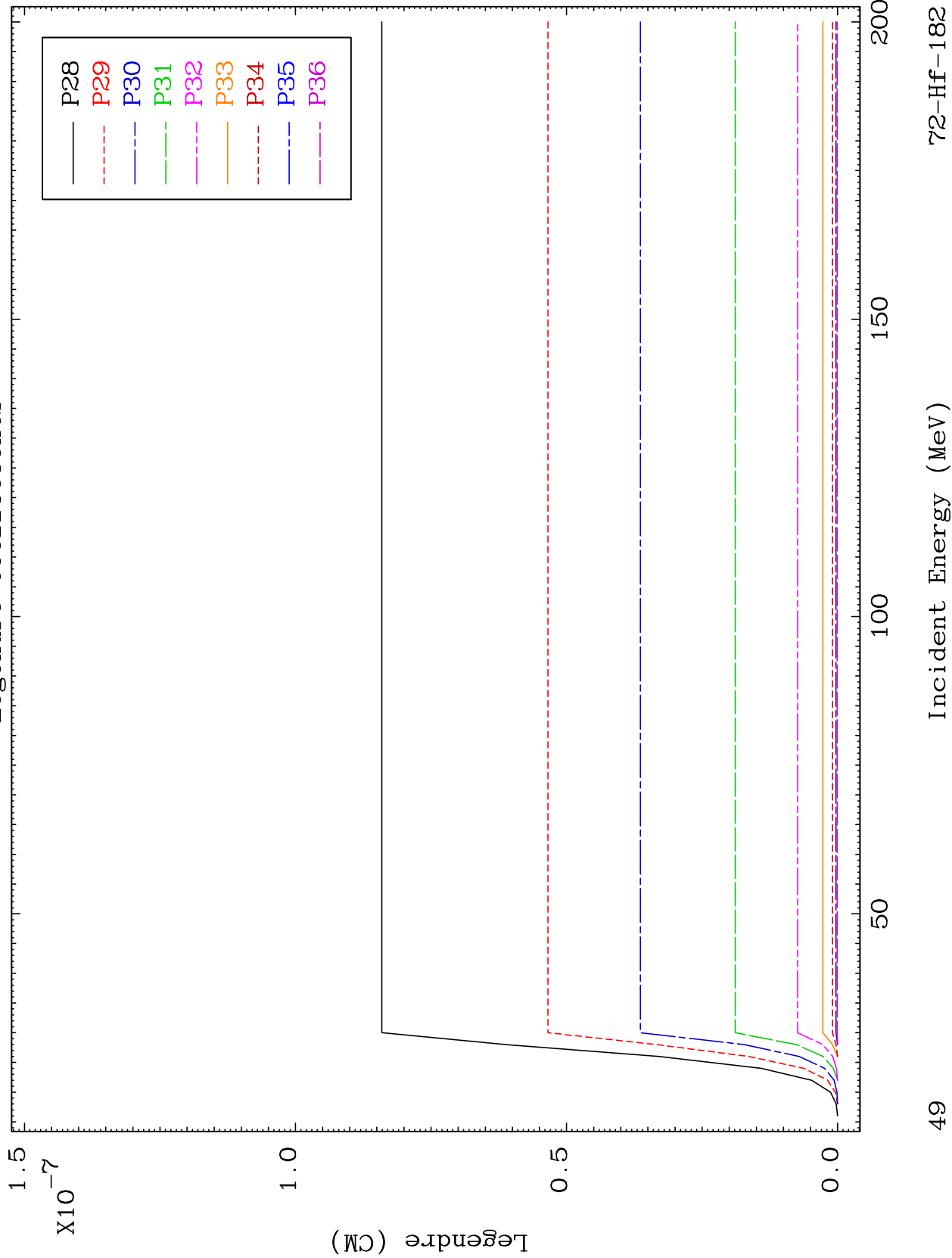
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



49

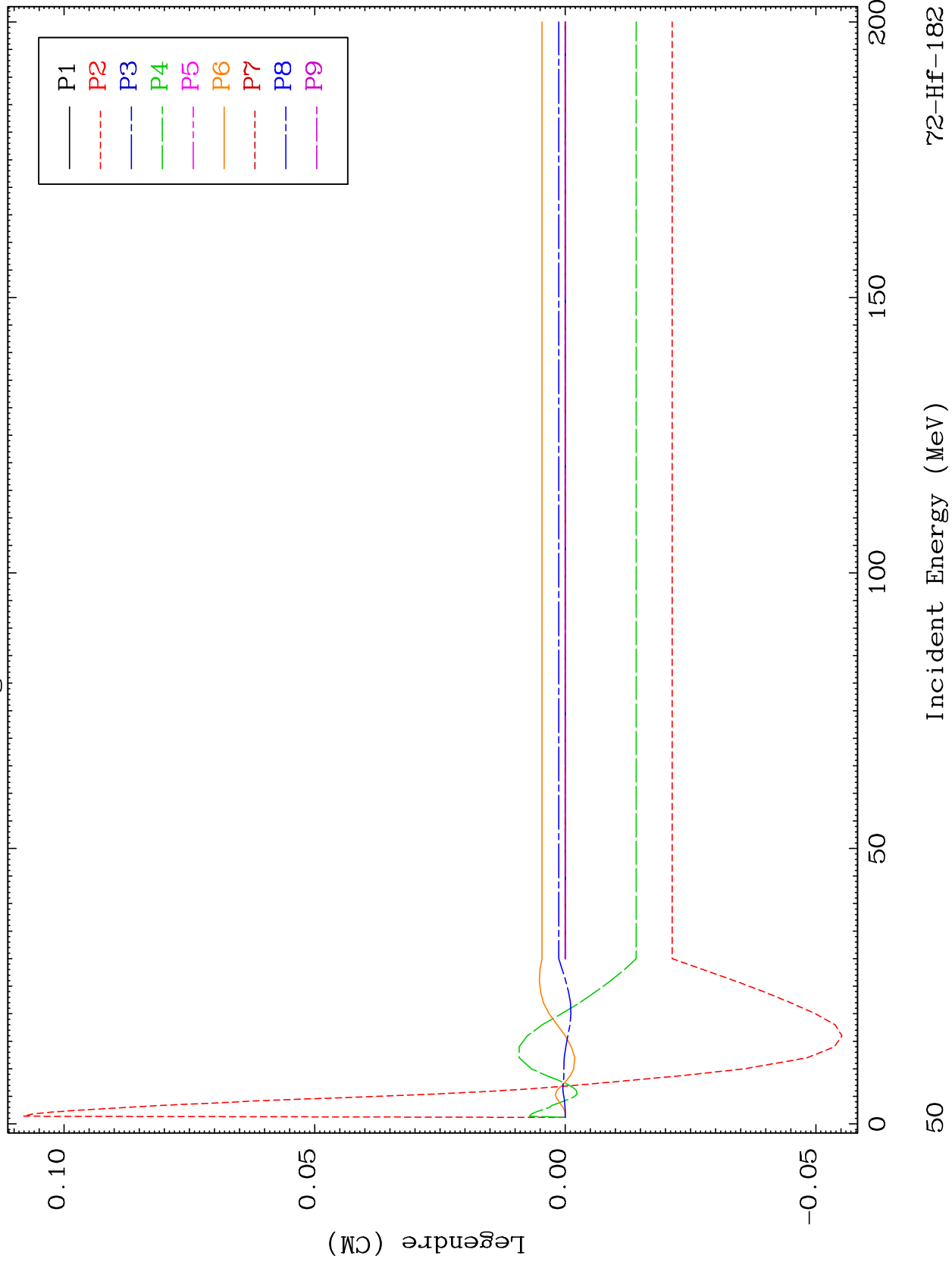
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



72-Hf-182

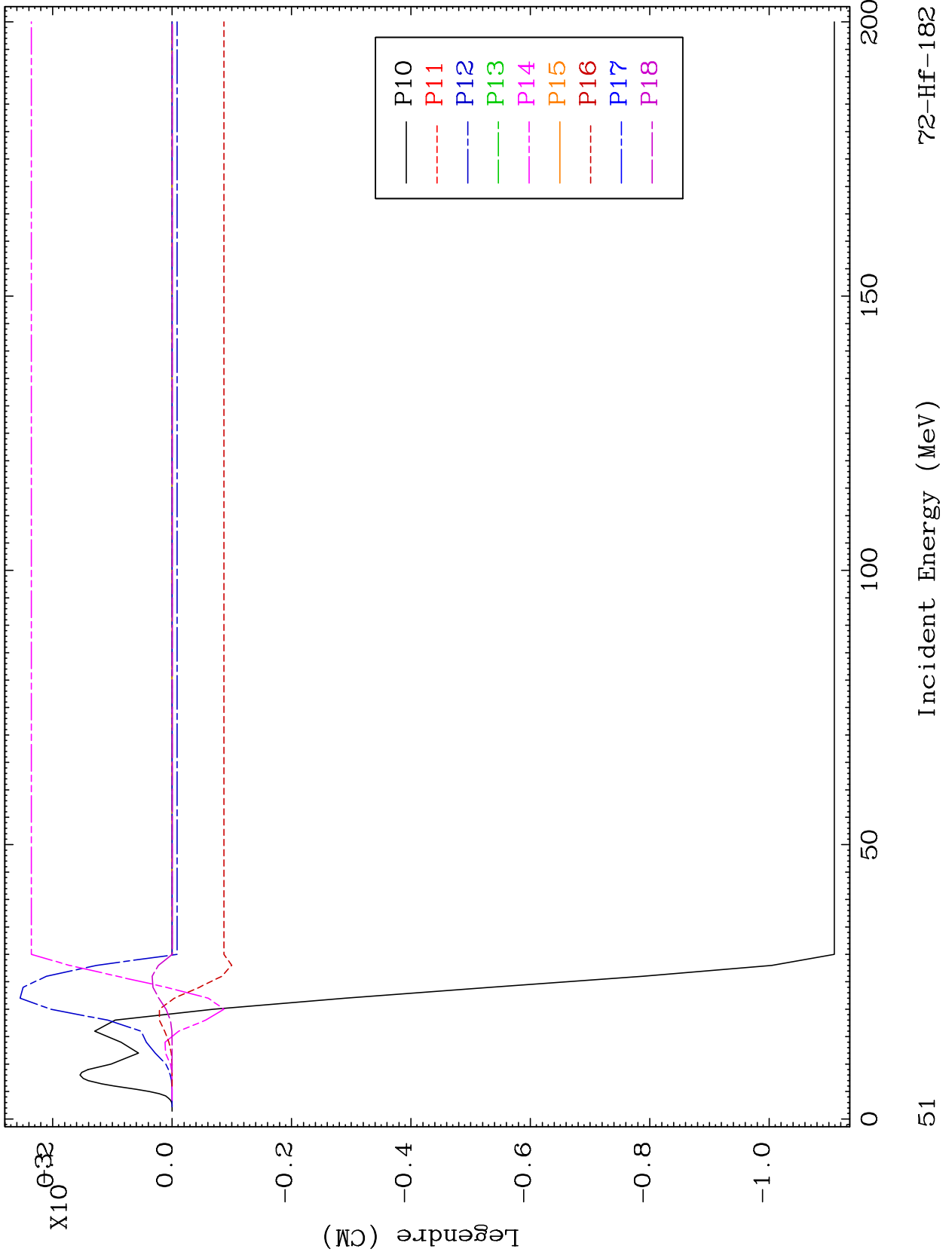
Incident Energy (MeV)

50

MAT 7249

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

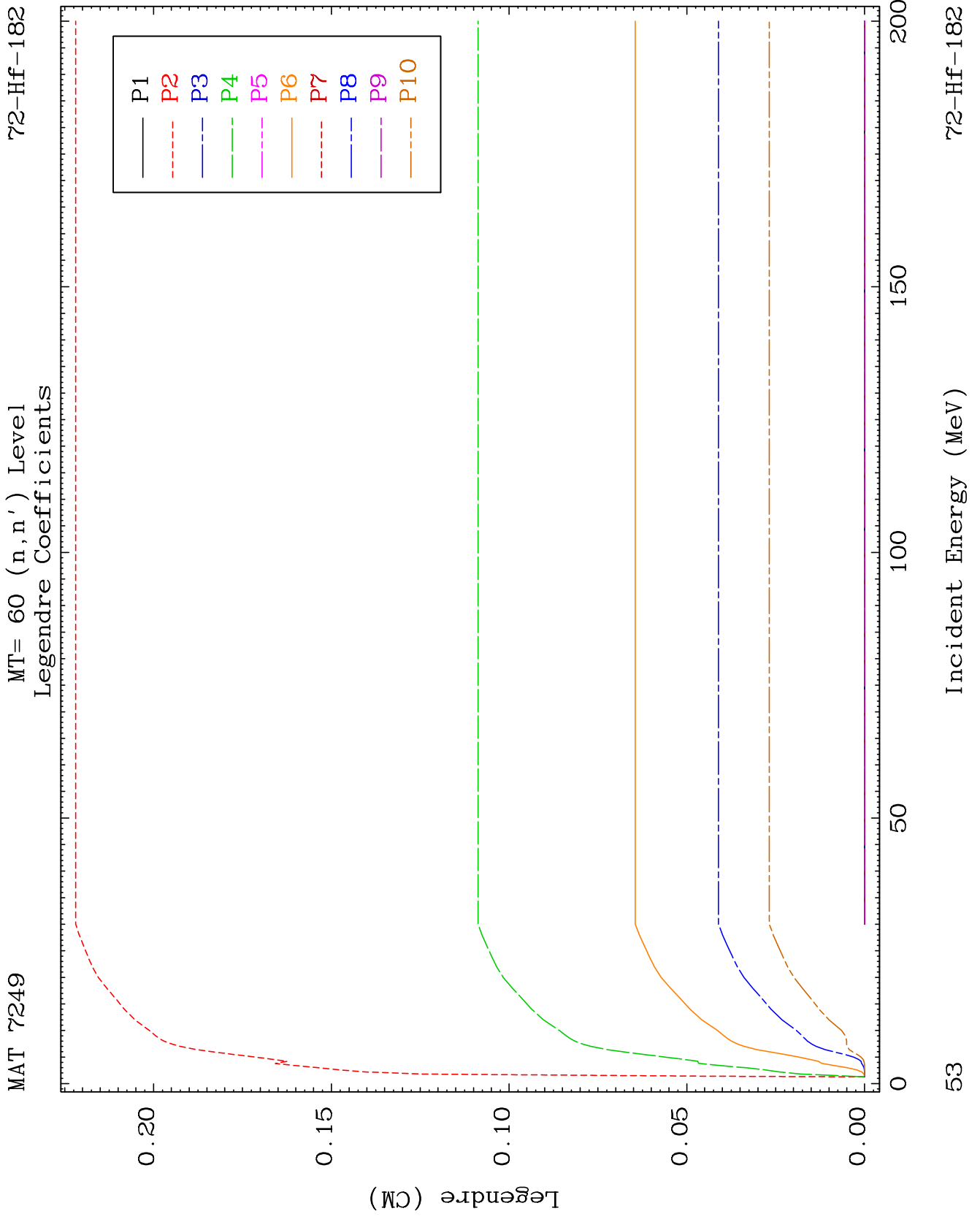
72-Hf-182



51

Incident Energy (MeV)

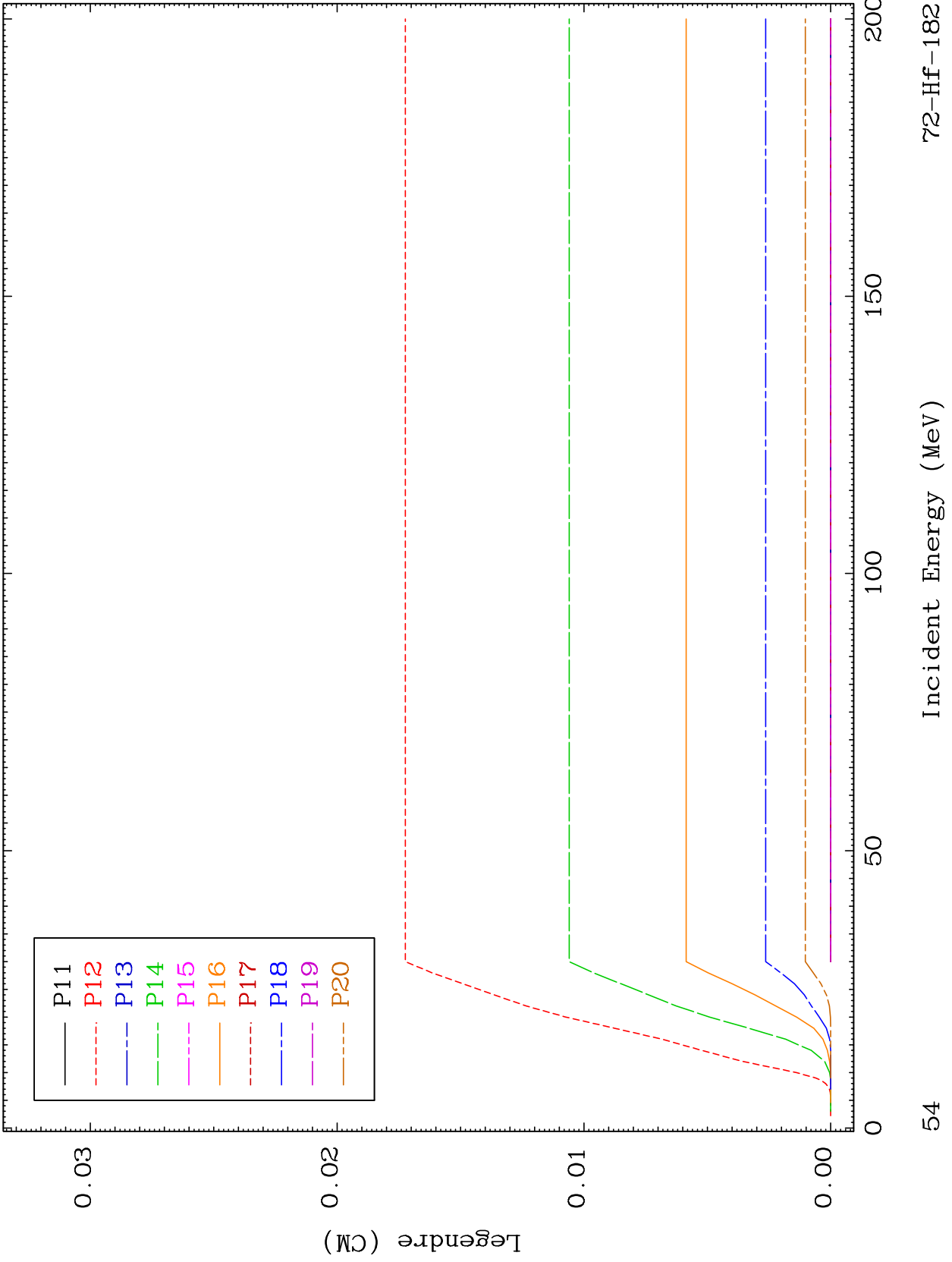
72-Hf-182



MAT 7249

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

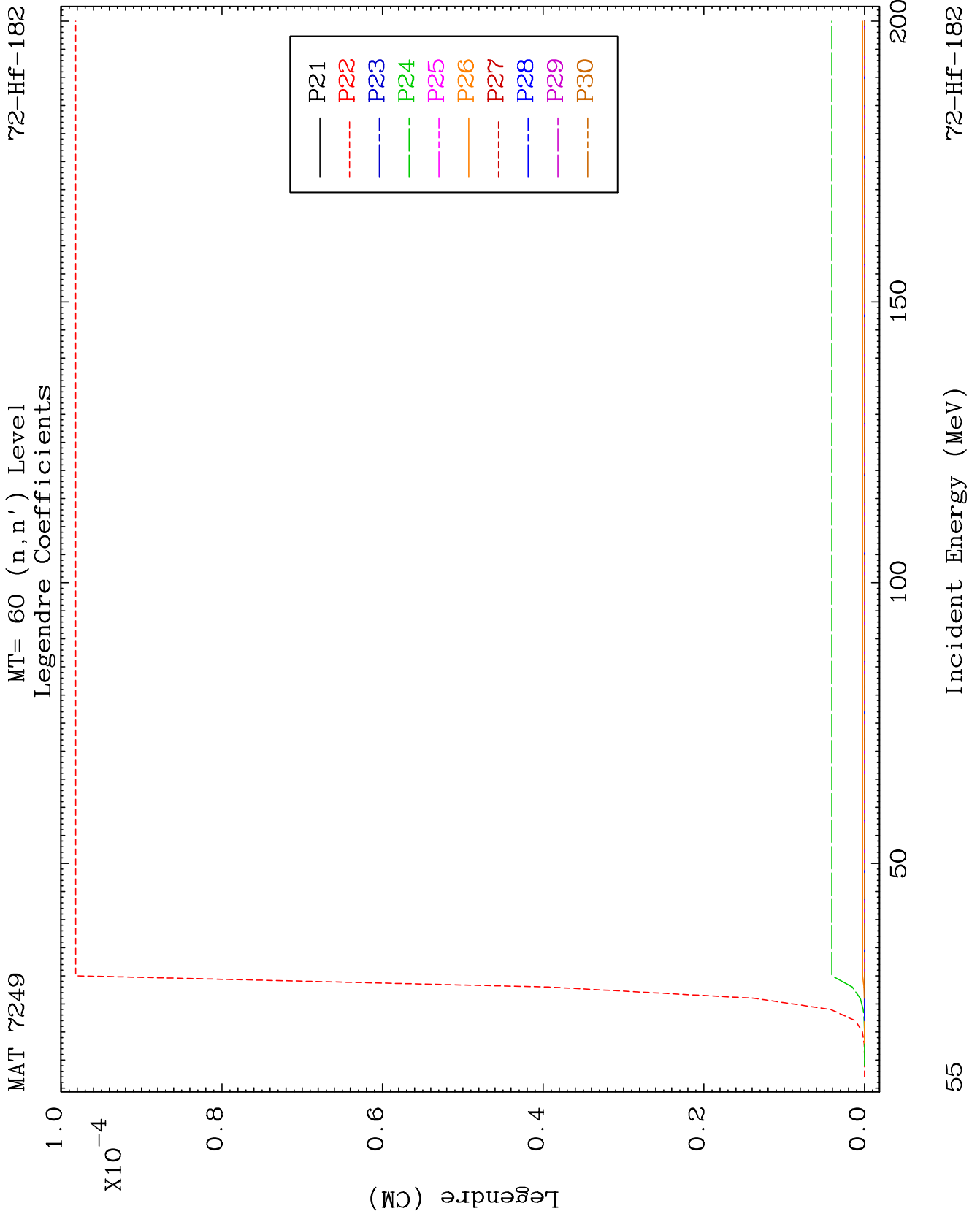
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Incident Energy (MeV)

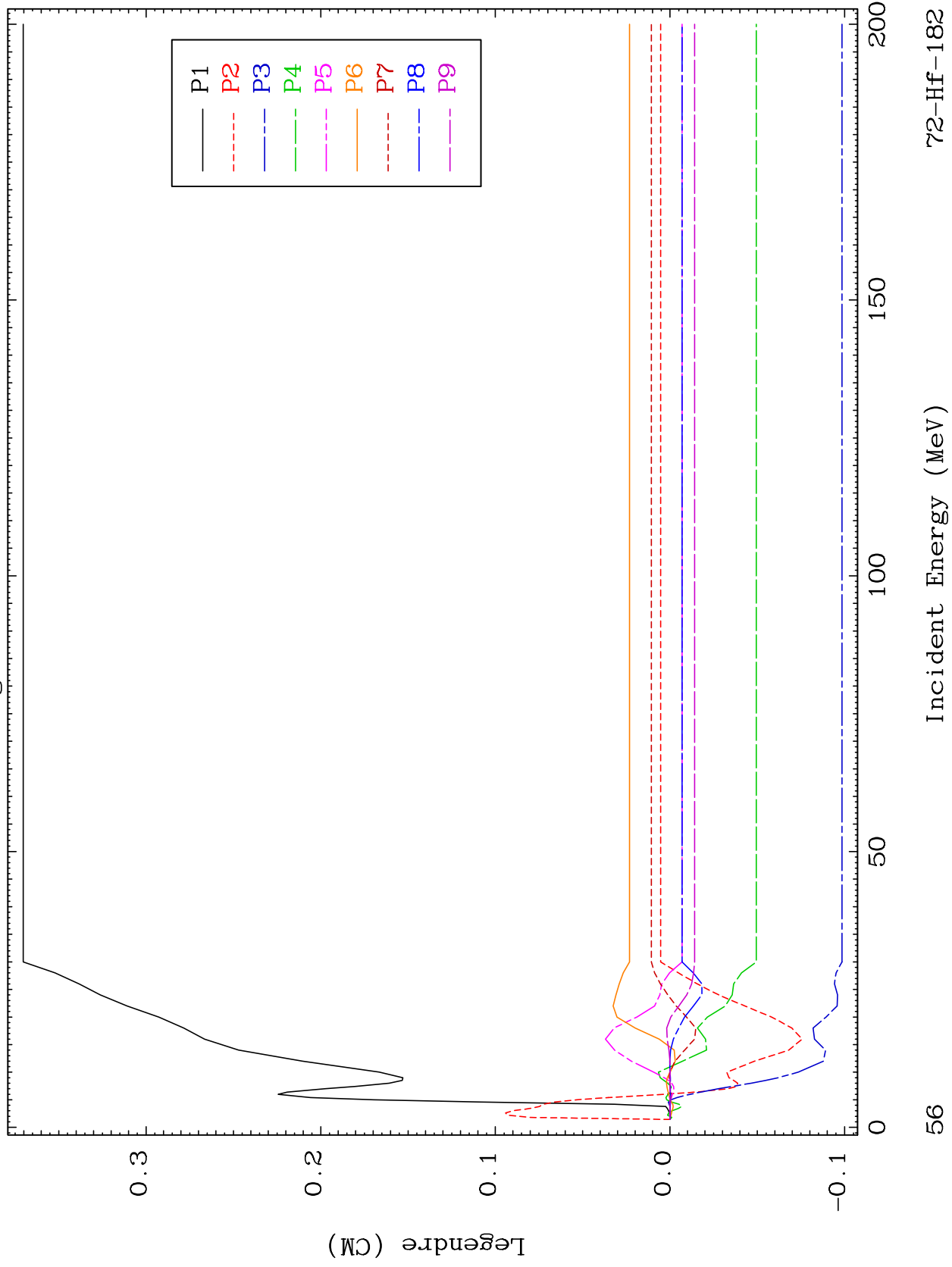
72-Hf-182



MAT 7249

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

72-Hf-182



72-Hf-182

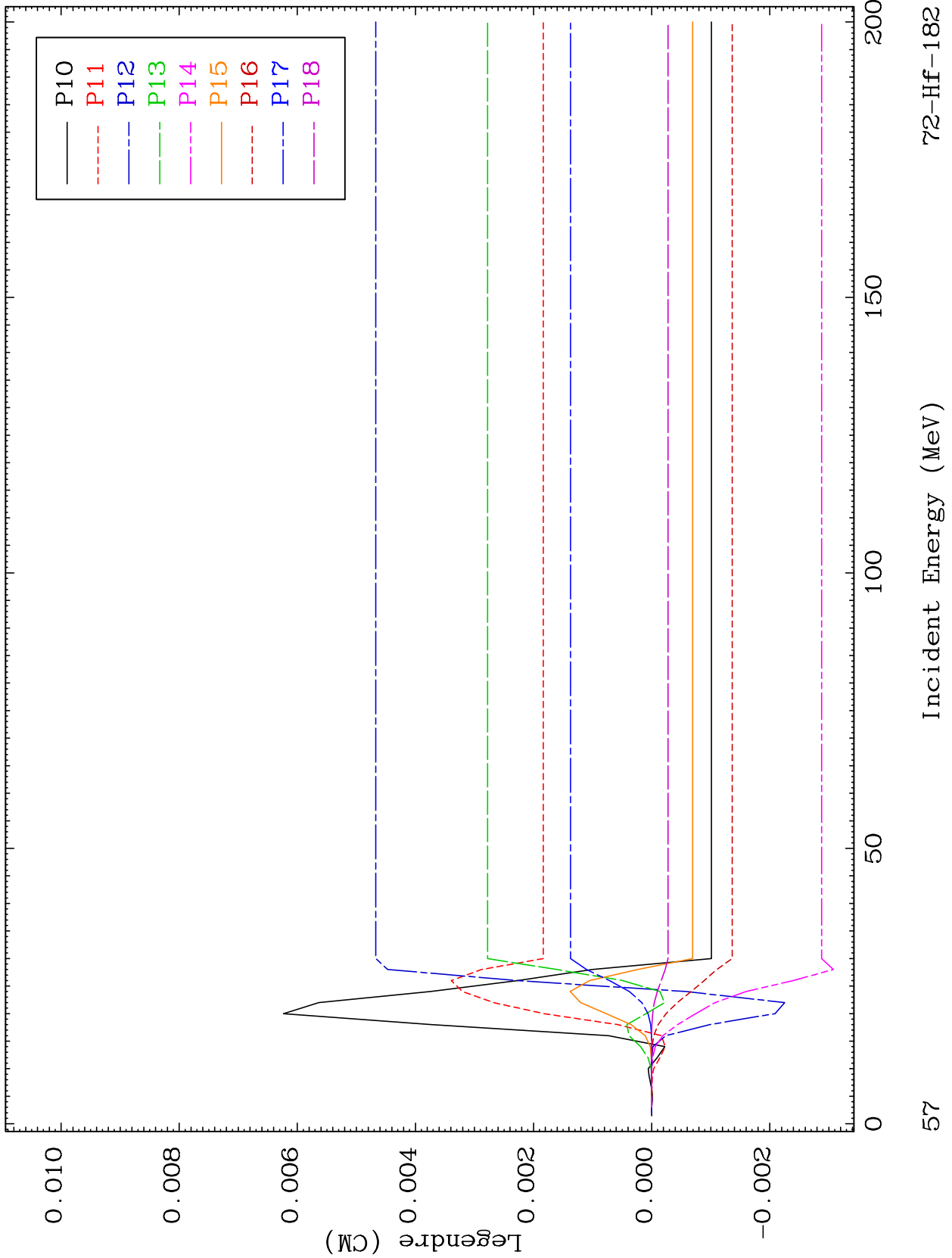
Incident Energy (MeV)

56

MAT 7249

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

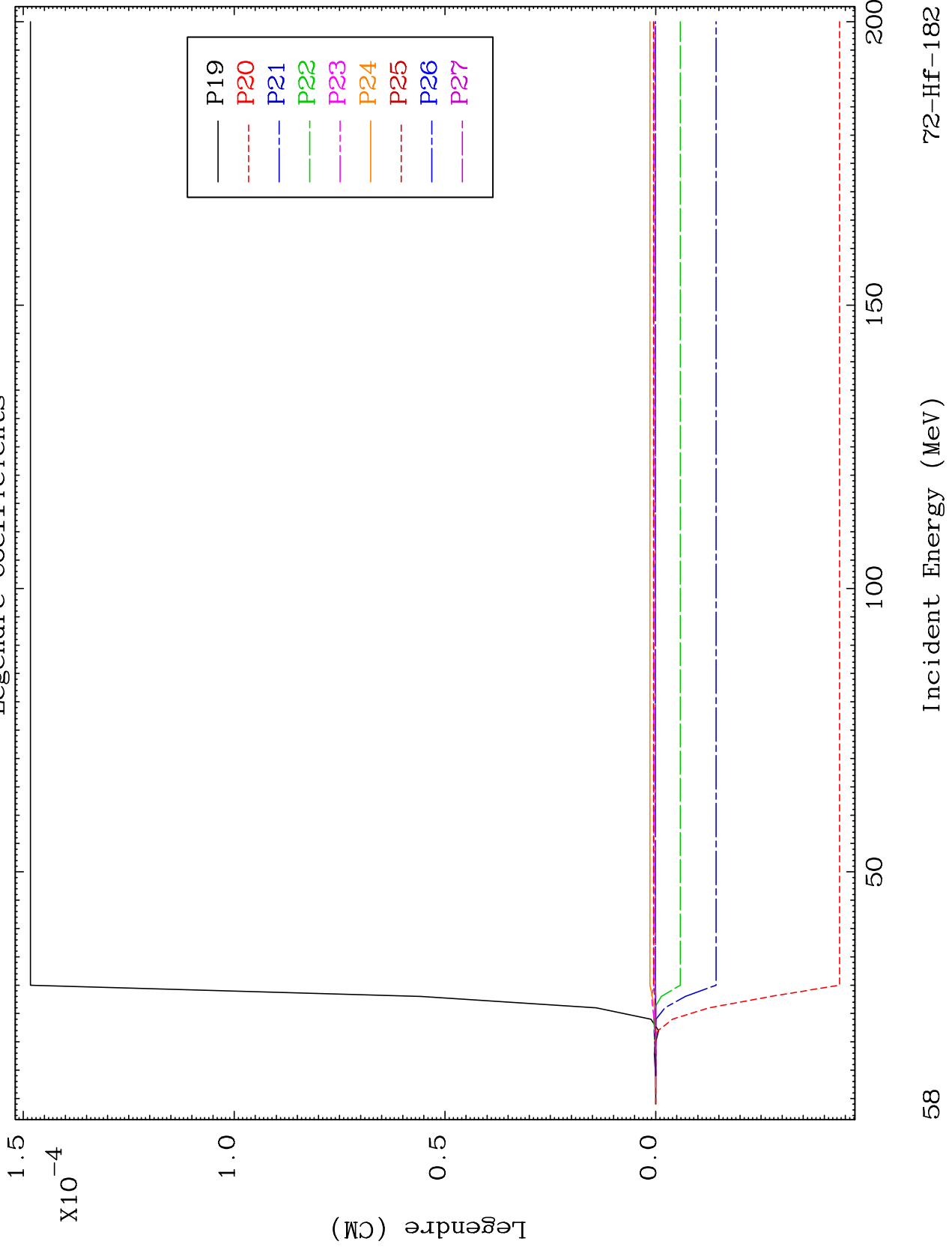
72-Hf-182



MAT 7249

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

72-Hf-182



58

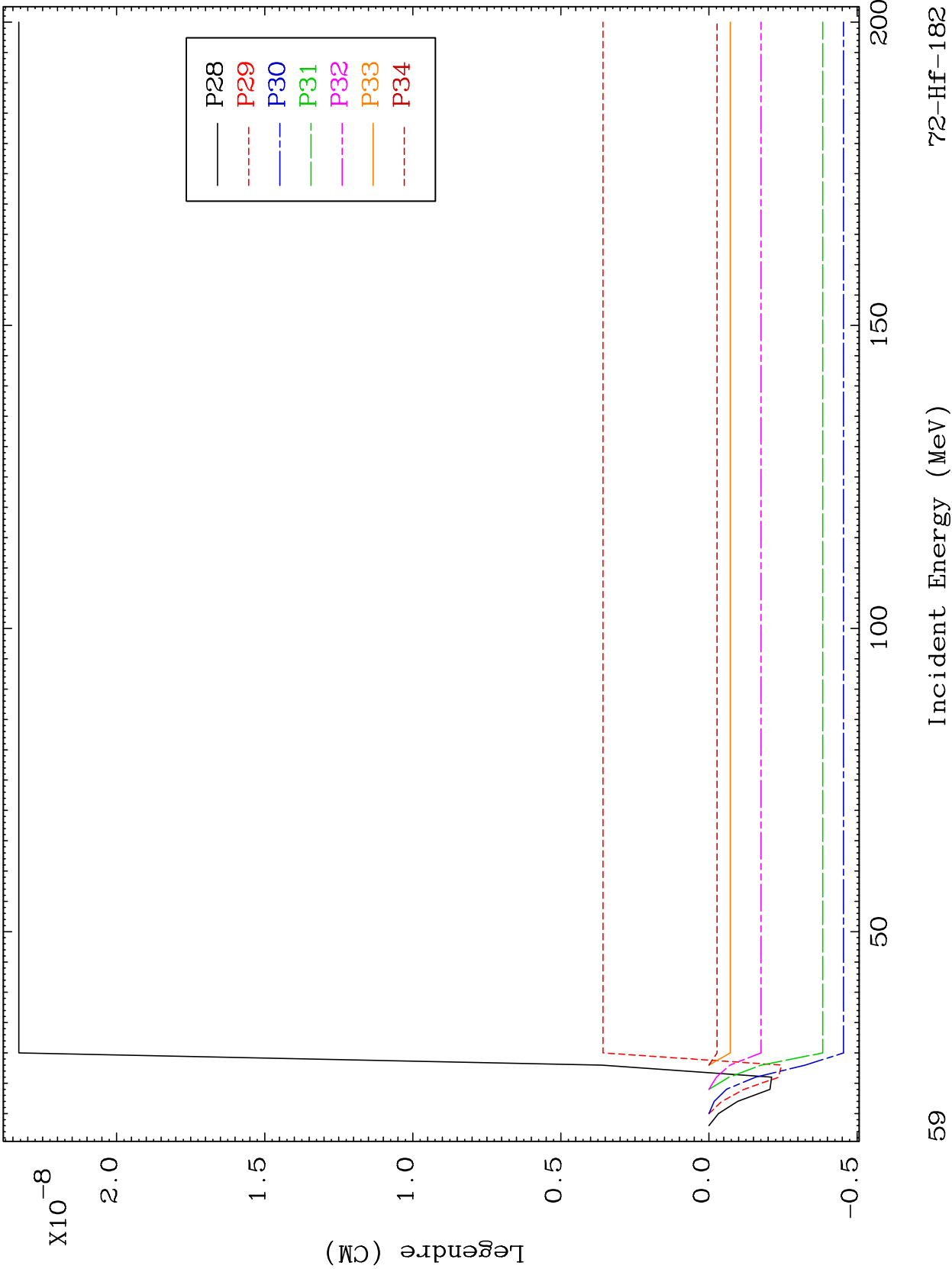
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



59

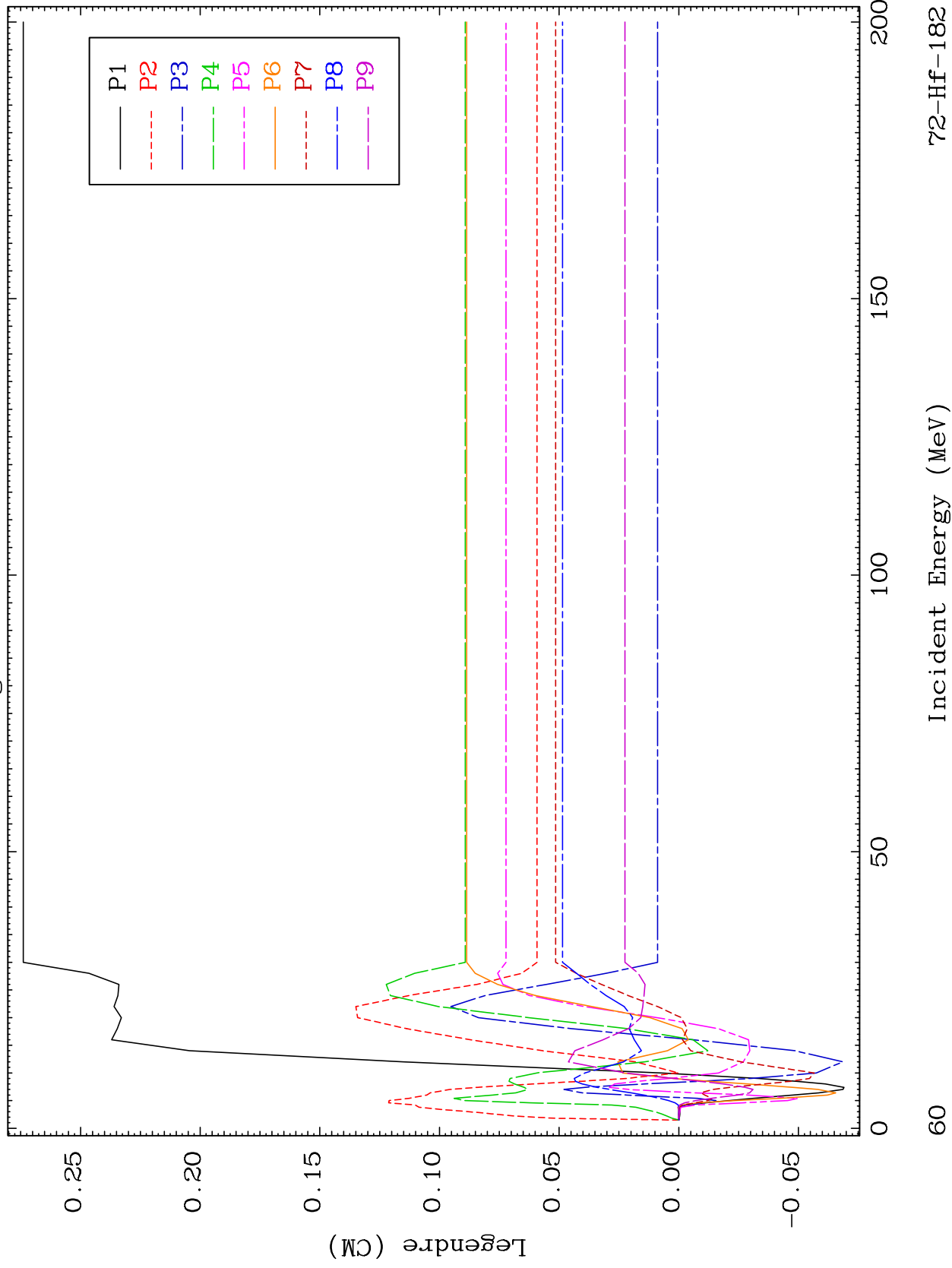
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182

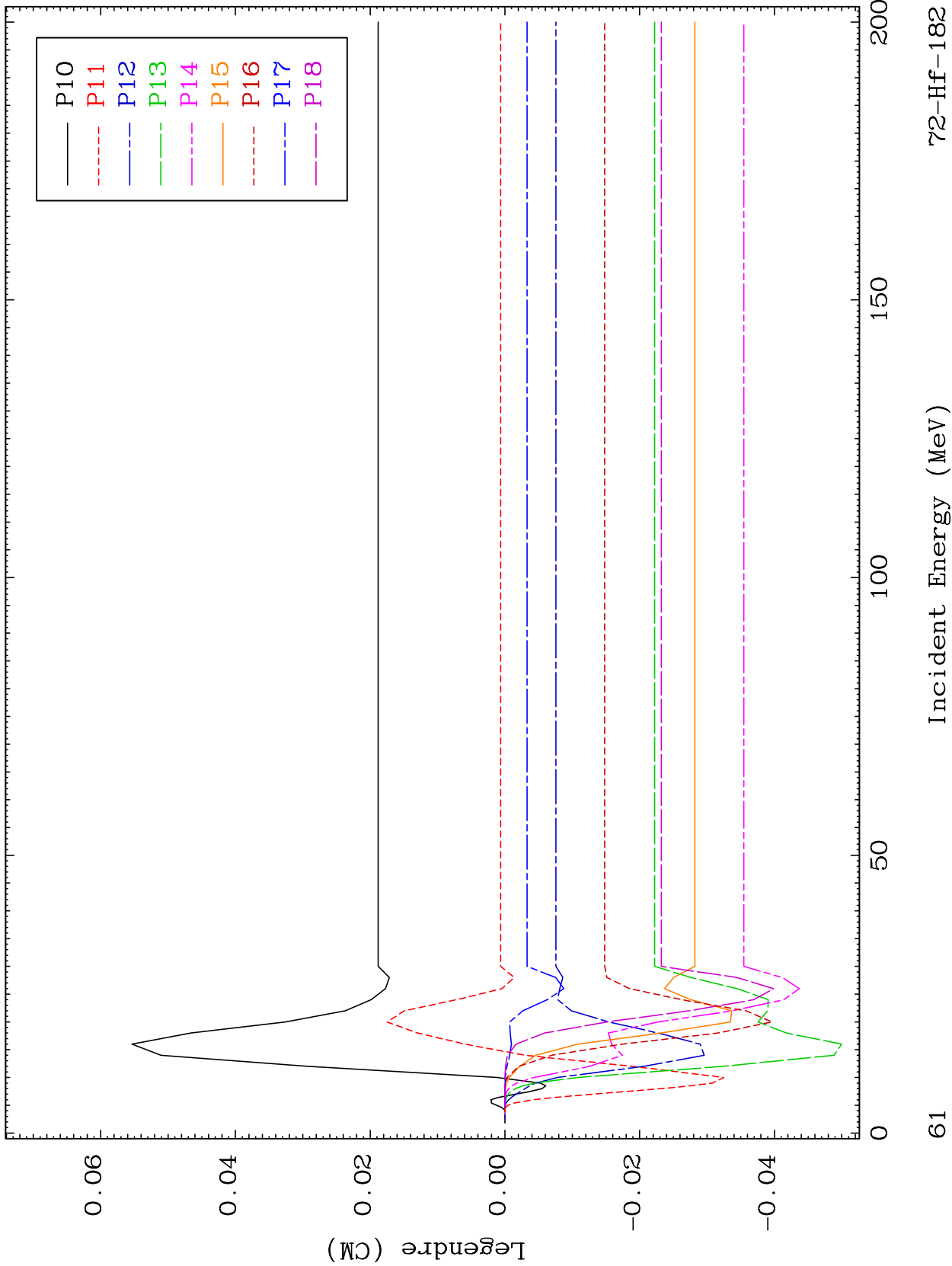


72-Hf-182

MAT 7249

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

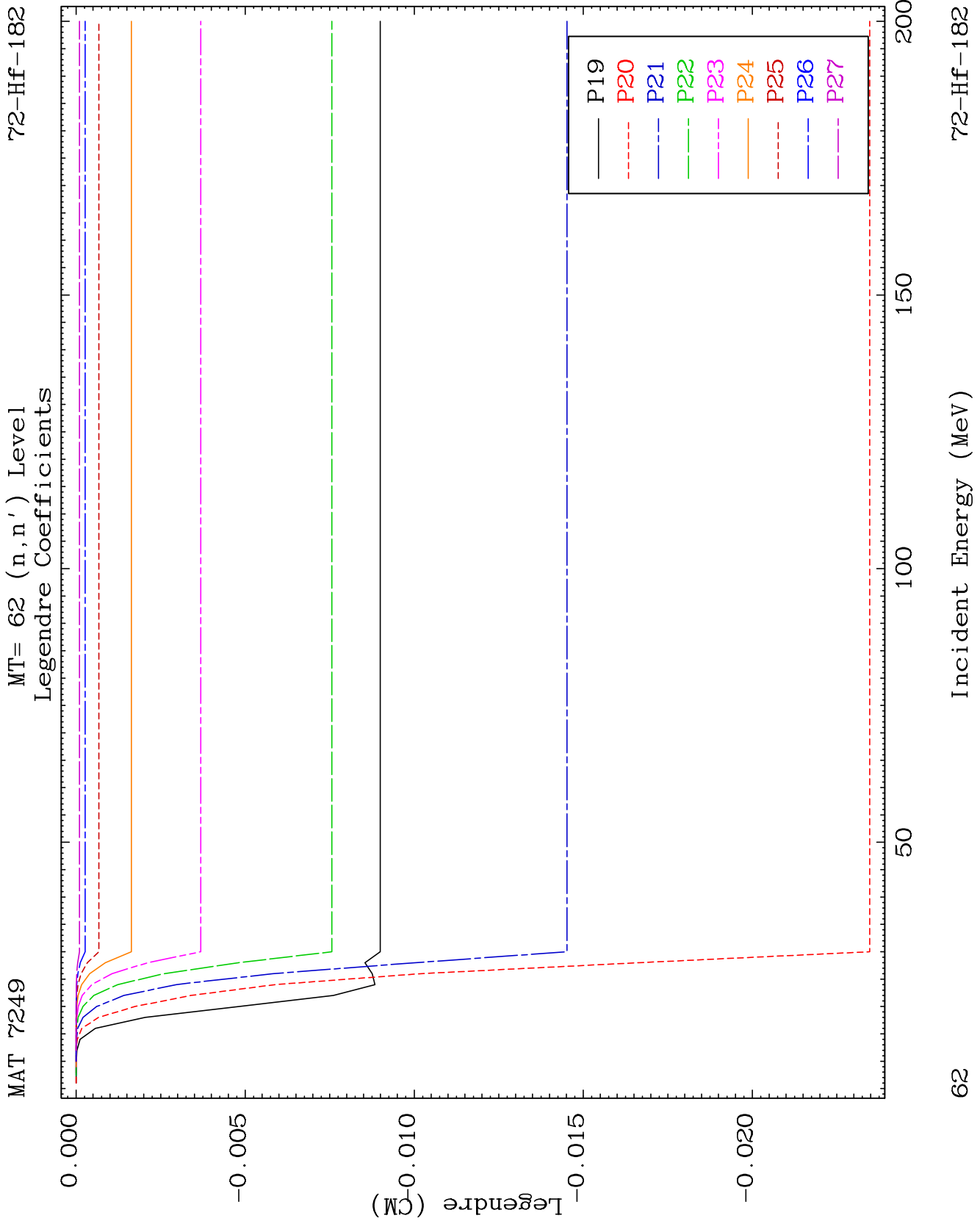
72-Hf-182

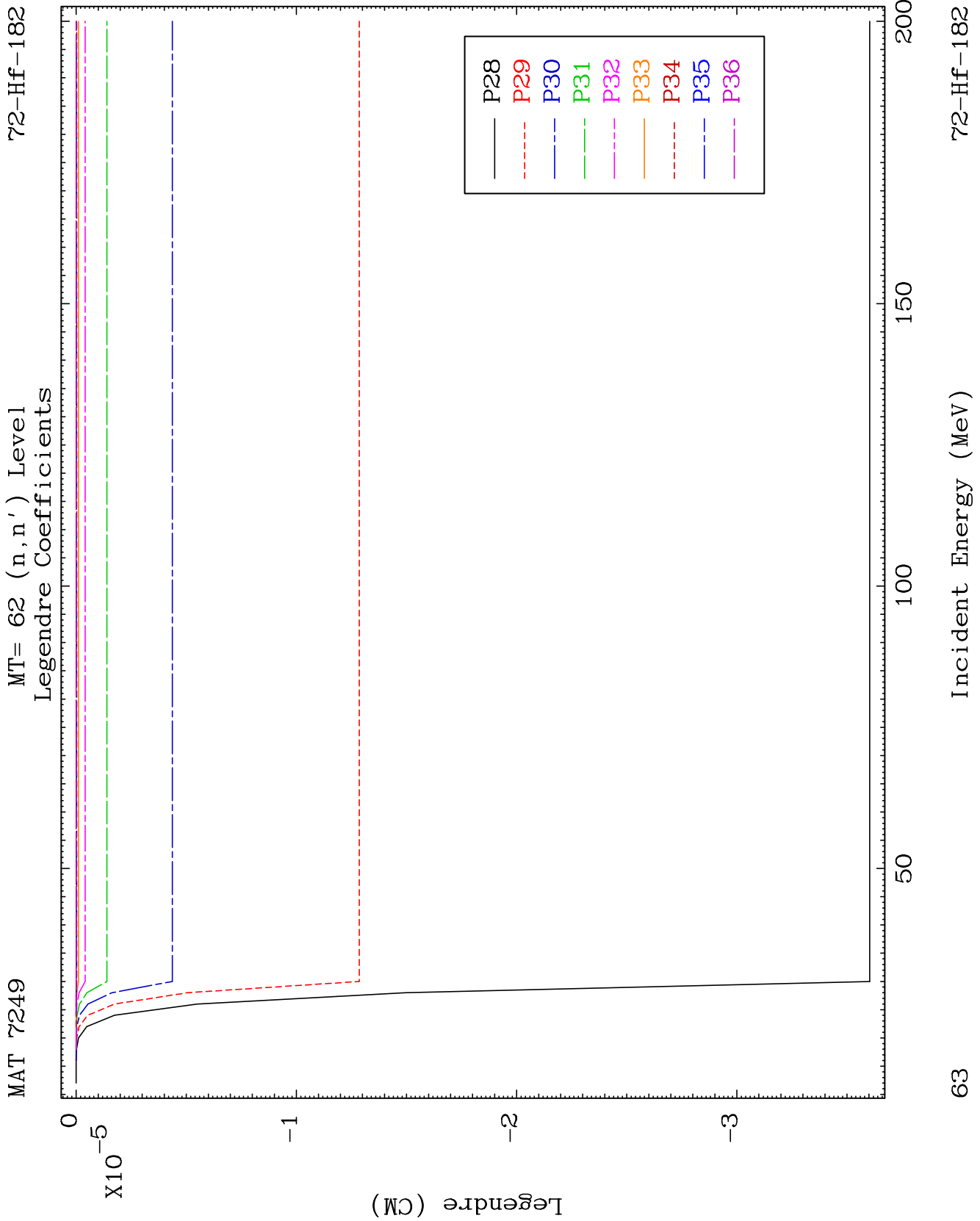


72-Hf-182

Incident Energy (MeV)

61

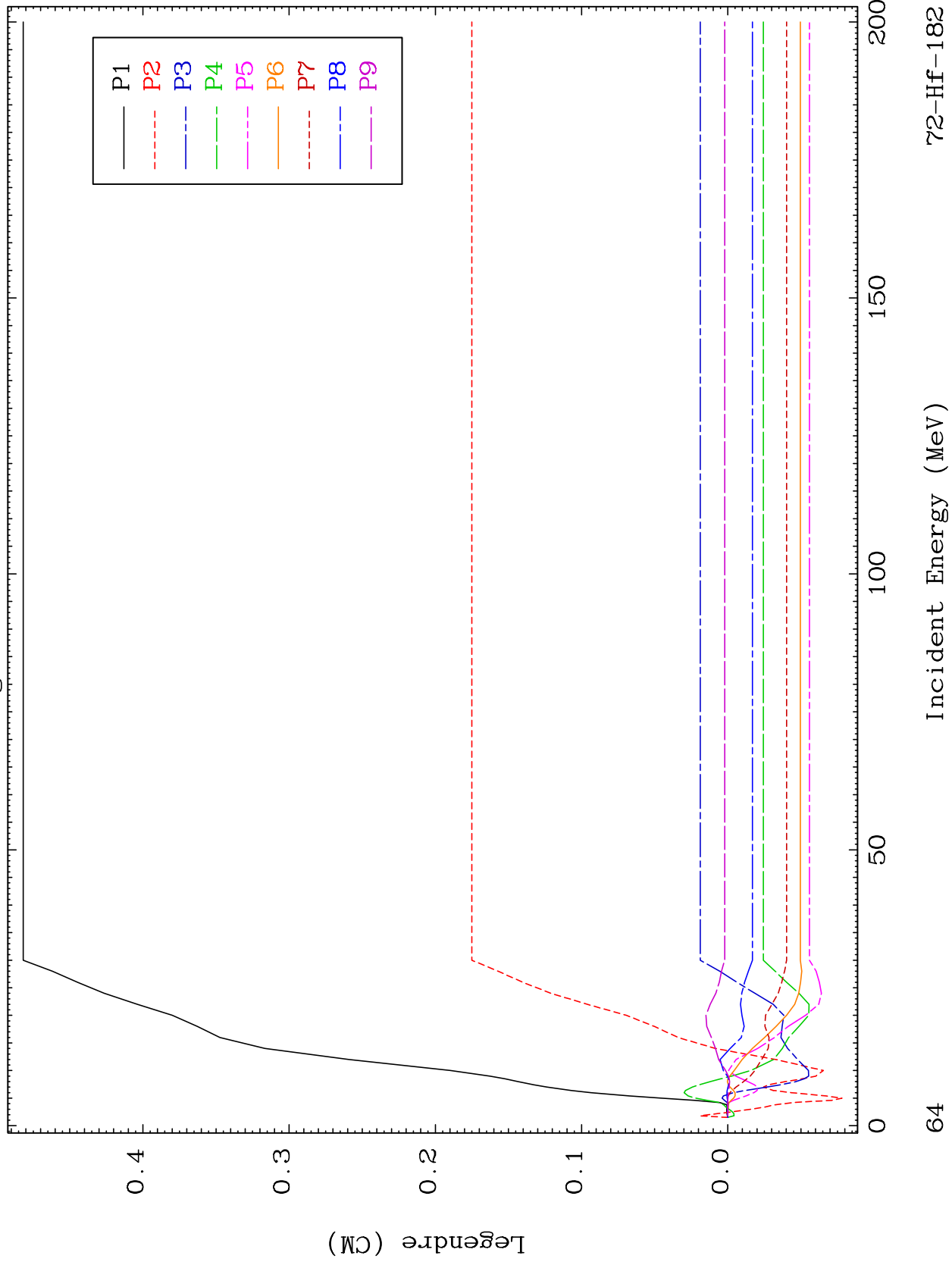




MAT 7249

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

72-Hf-182



72-Hf-182

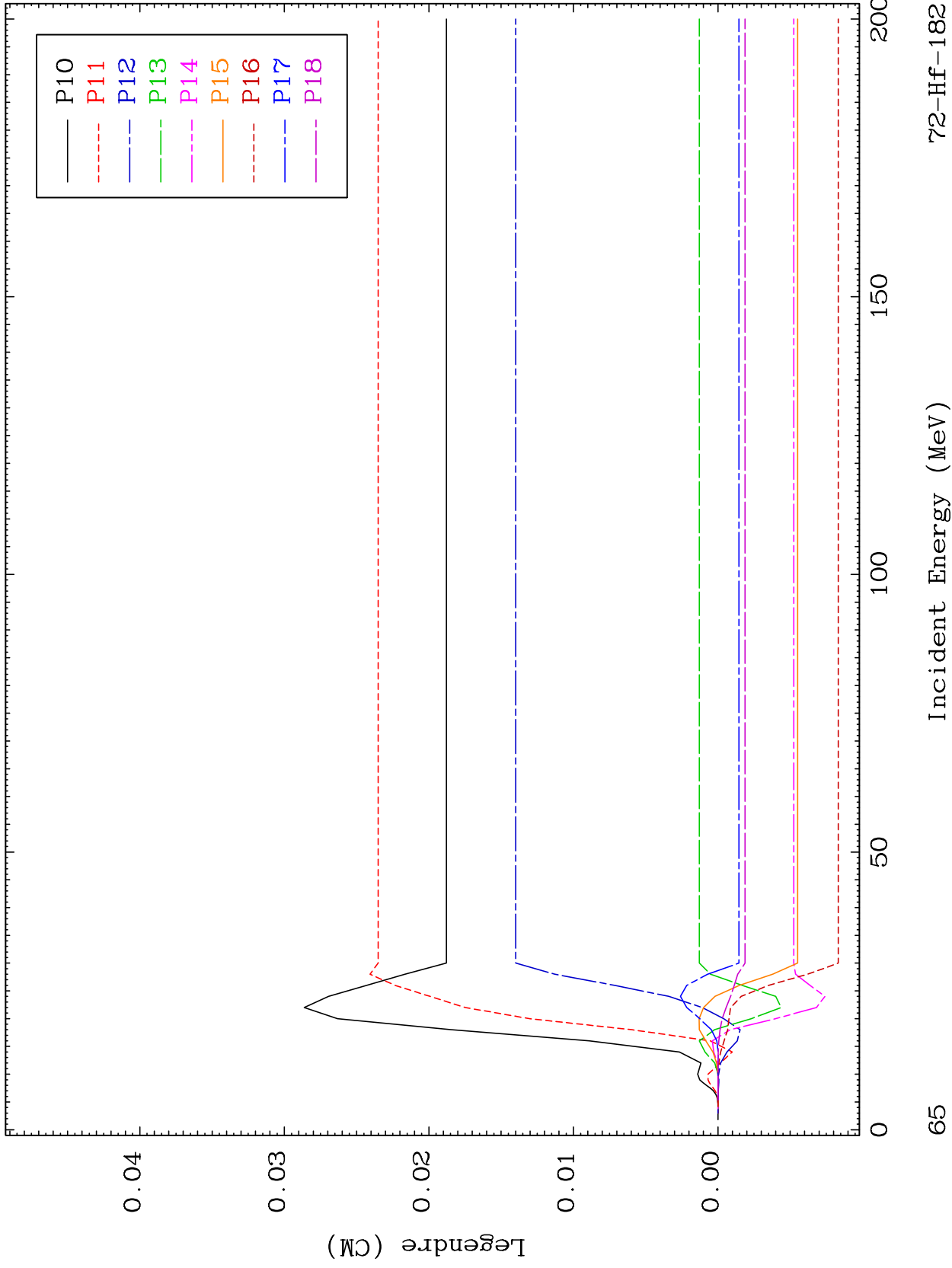
Incident Energy (MeV)

64

MAT 7249

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

72-Hf-182



72-Hf-182

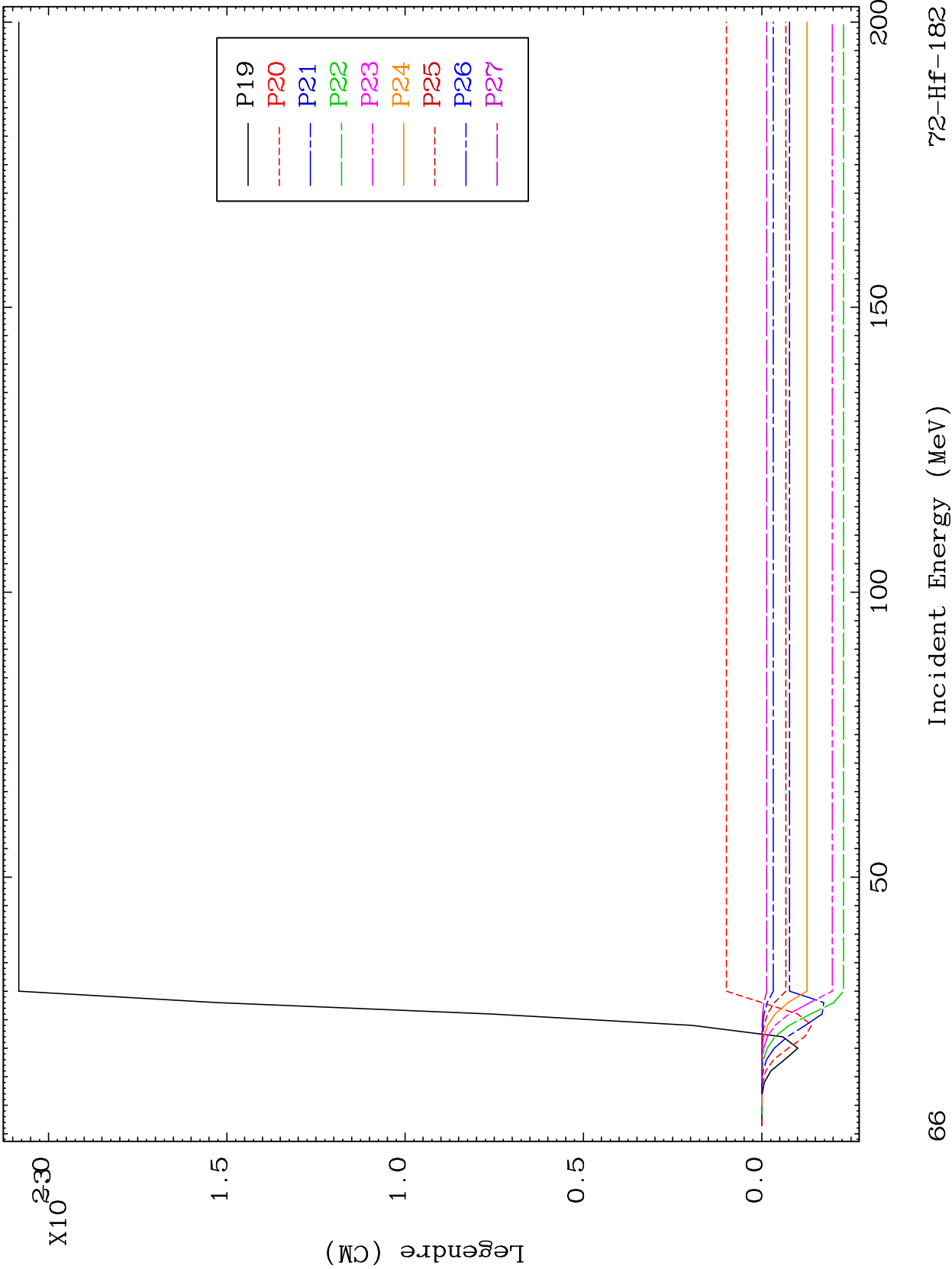
Incident Energy (MeV)

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MAT 7249

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

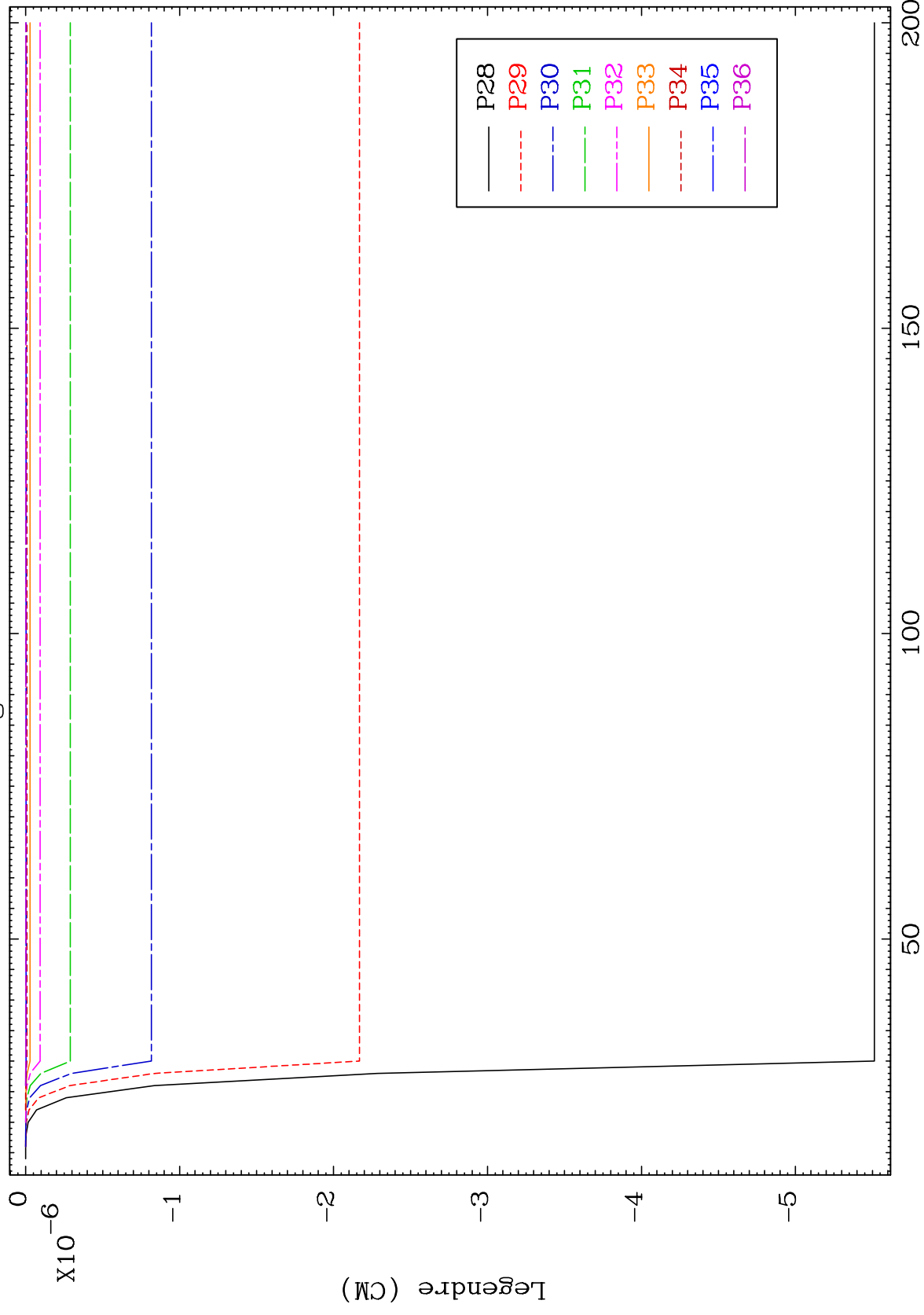
72-Hf-182



MAT 7249

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

72-Hf-182



67

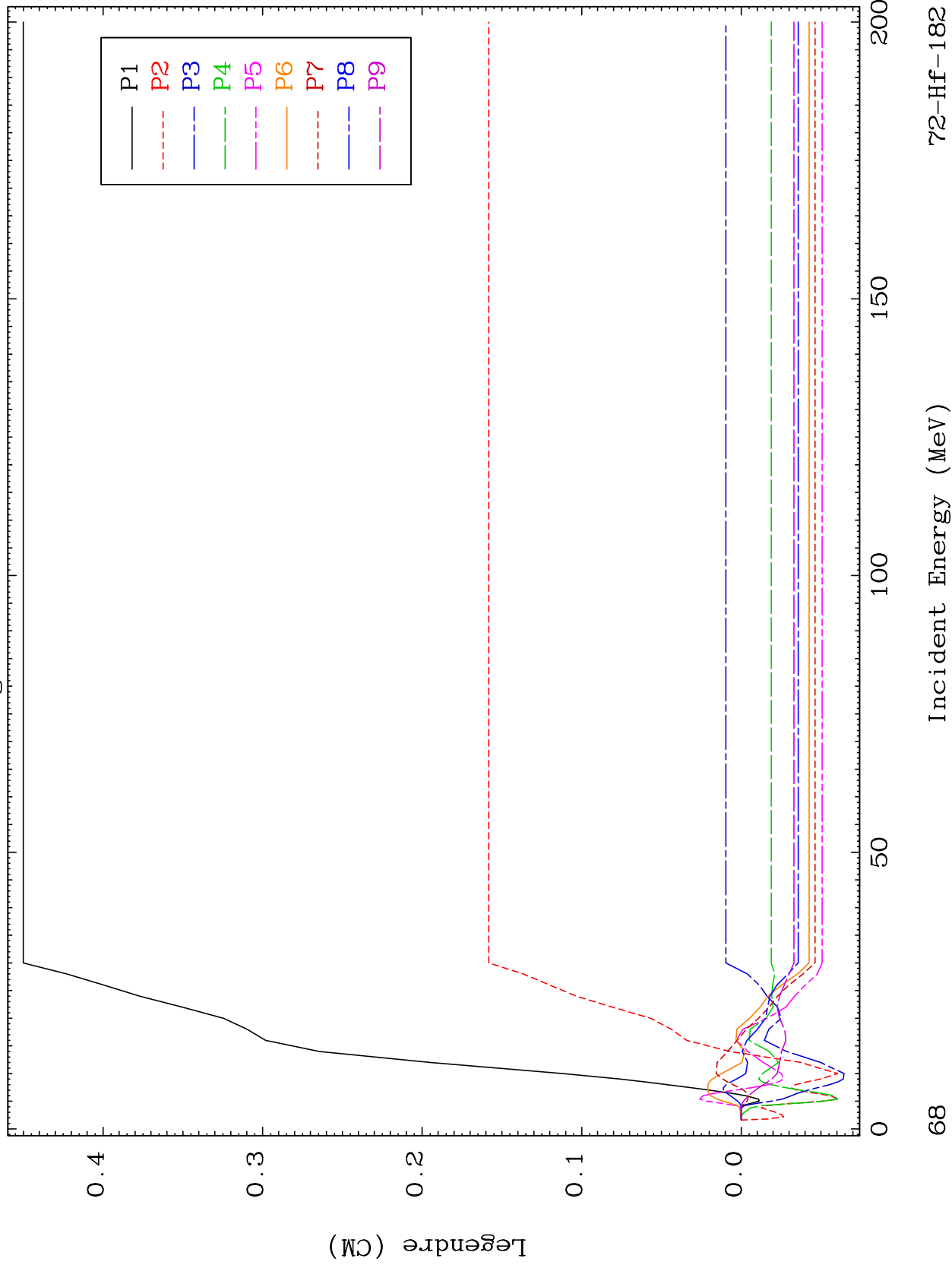
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



72-Hf-182

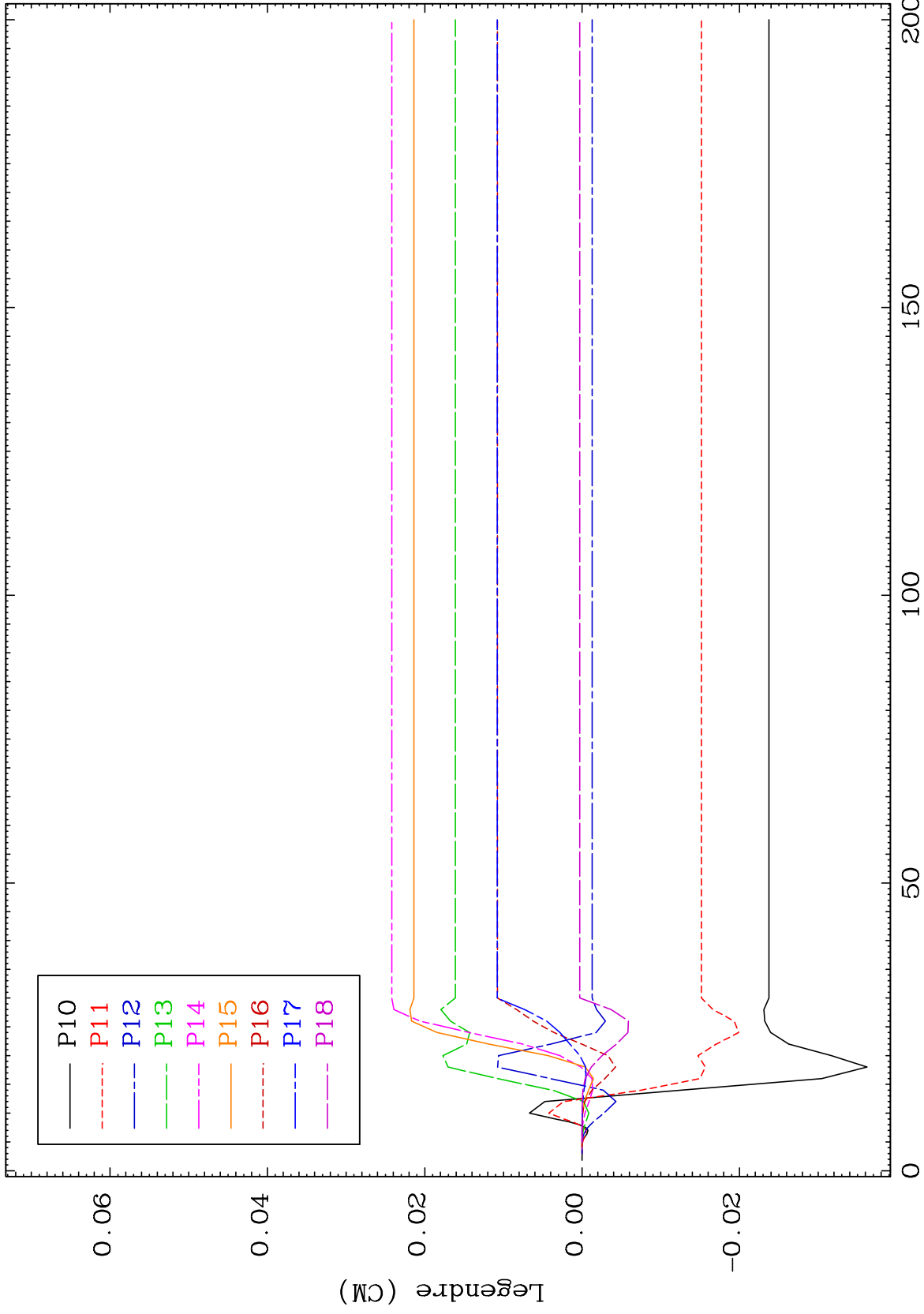
Incident Energy (MeV)

68

MAT 7249

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

72-Hf-182



69

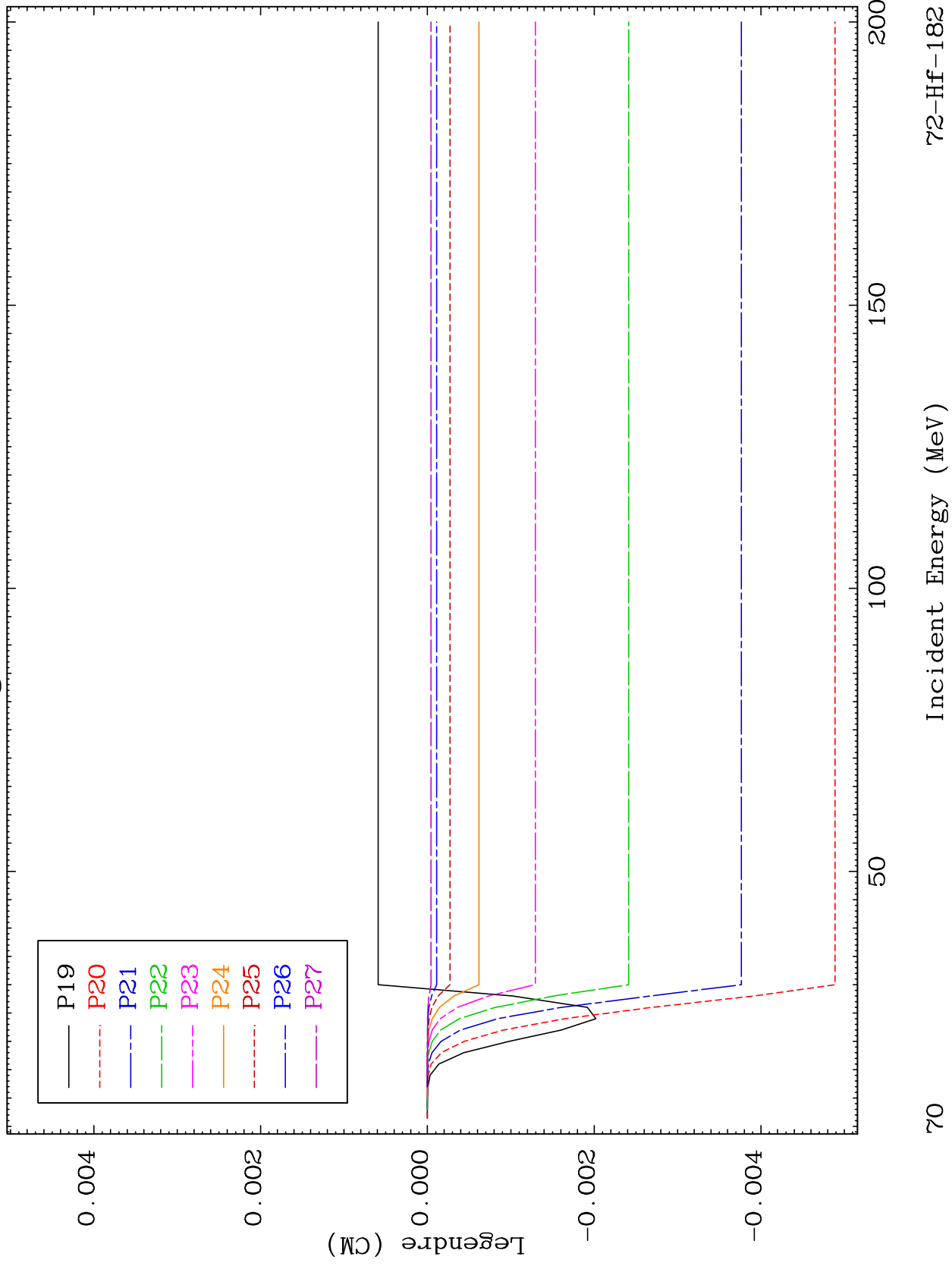
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

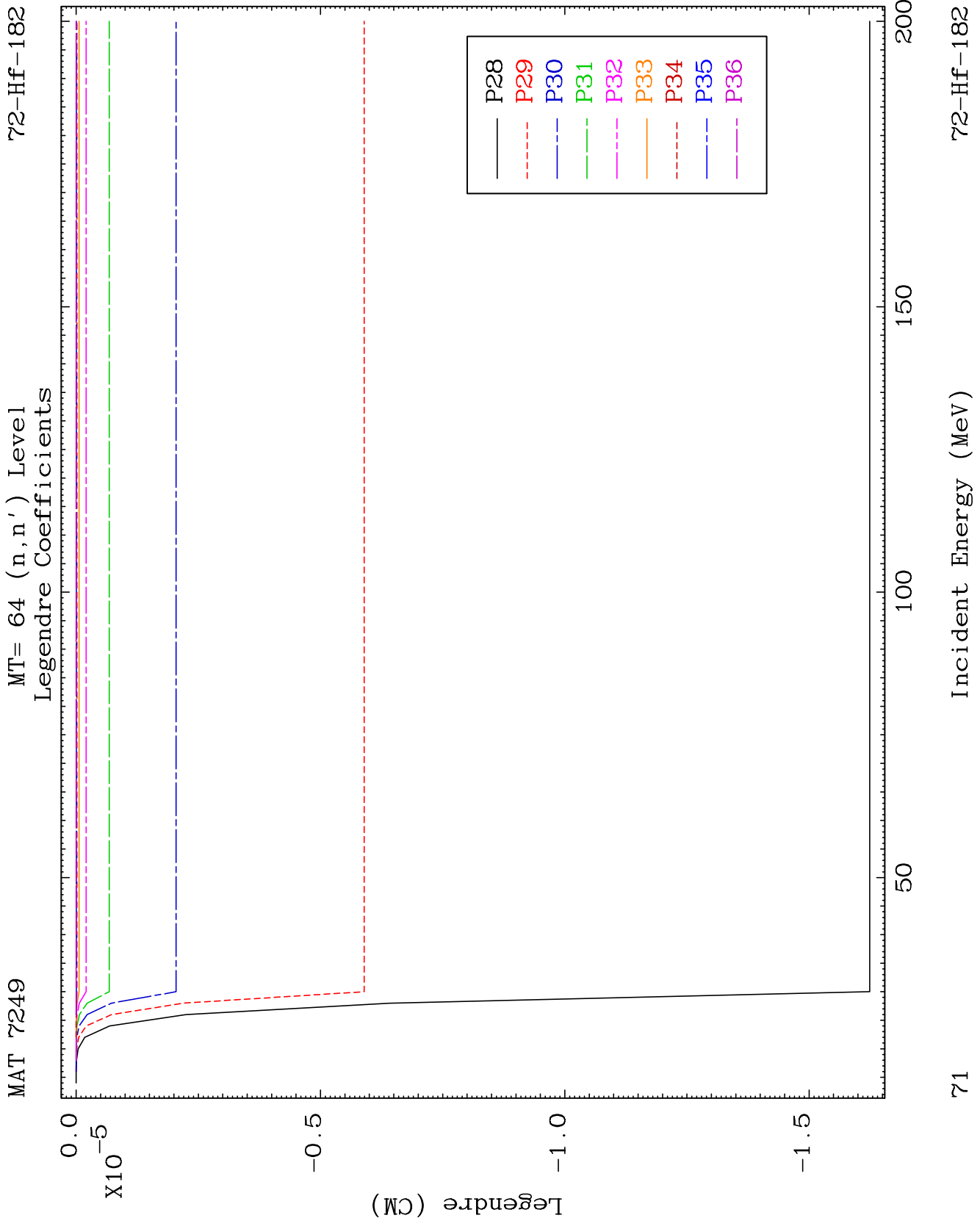
72-Hf-182



70

Incident Energy (MeV)

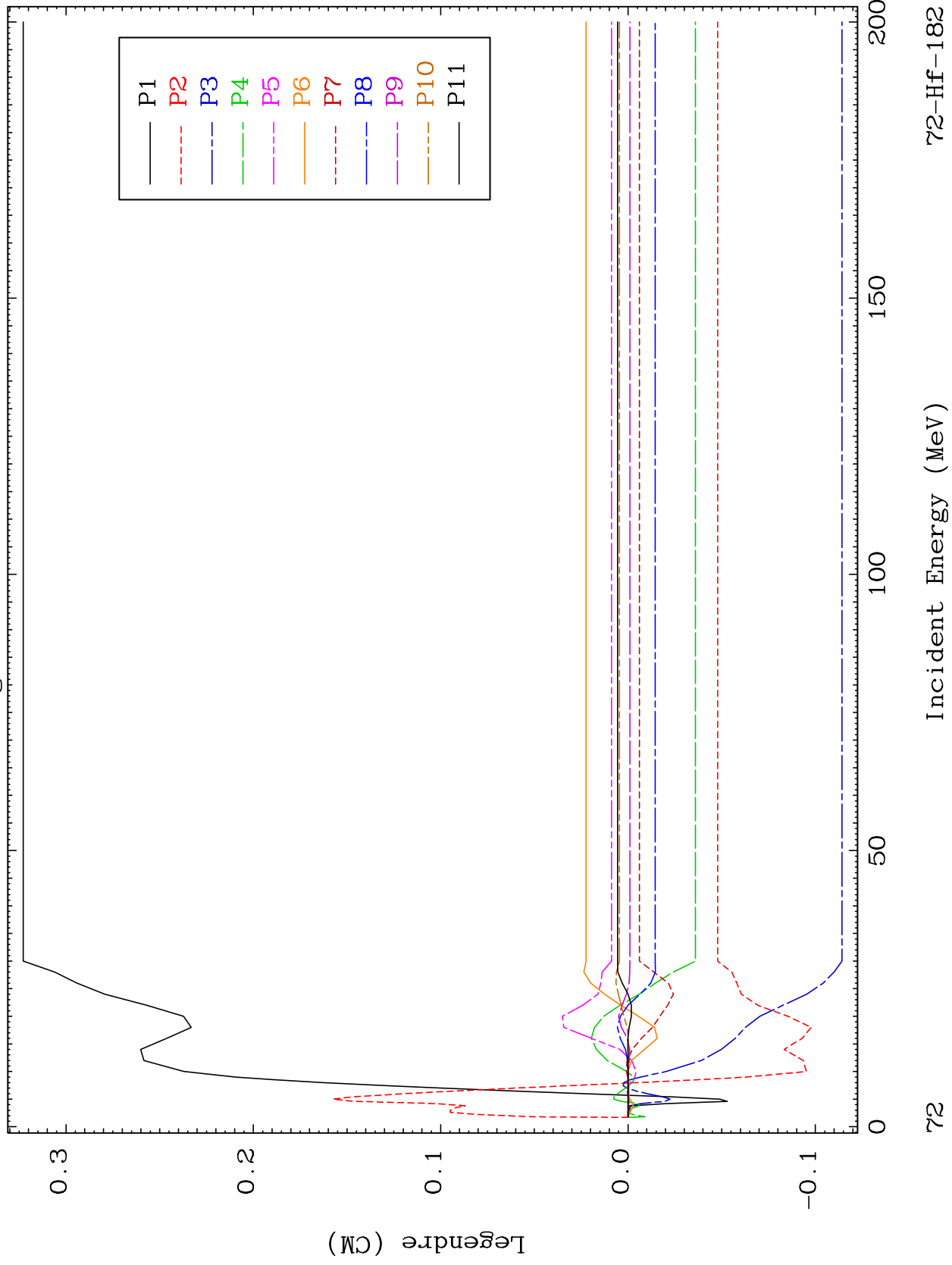
72-Hf-182



MAT 7249

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

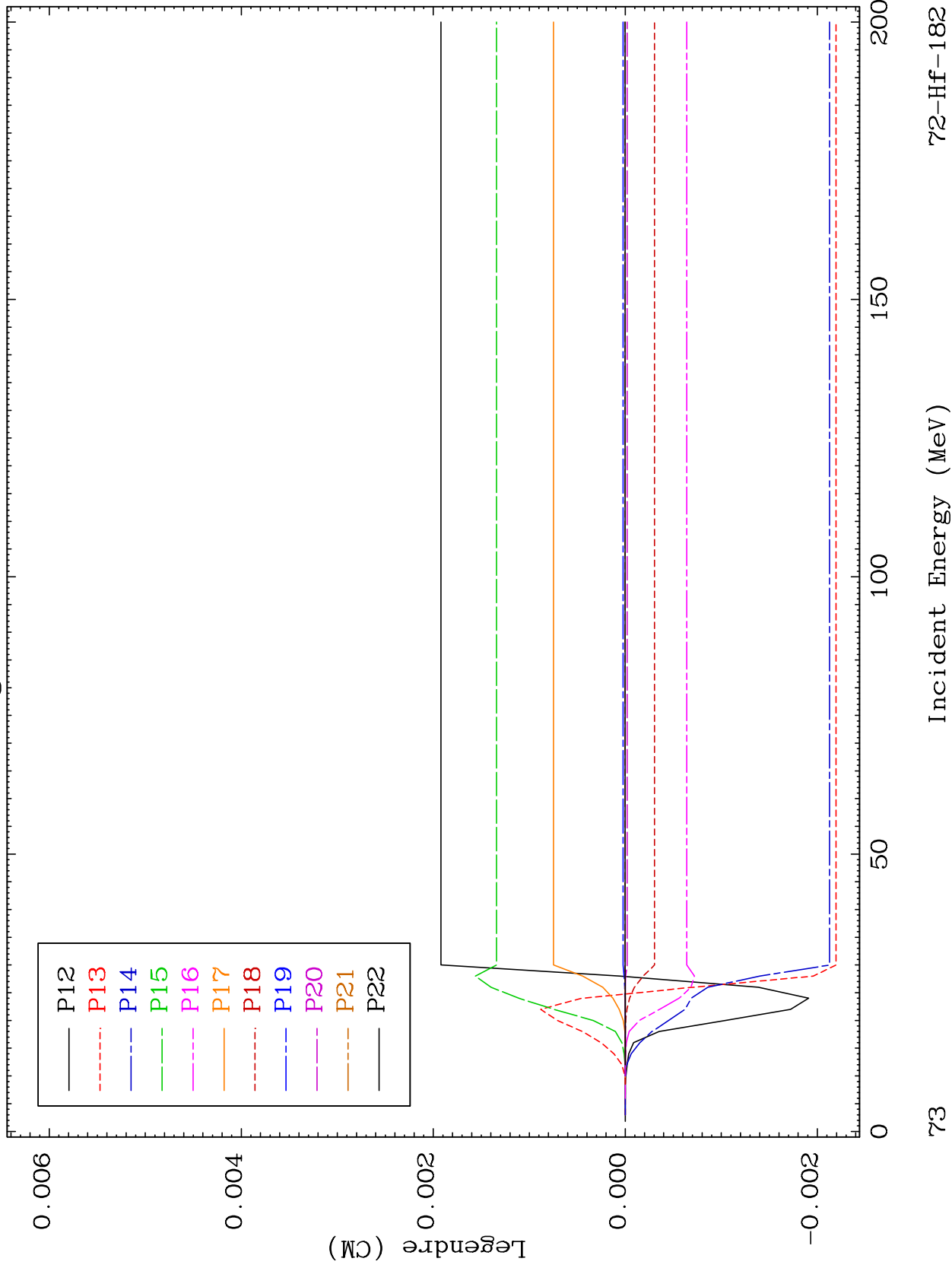
72-Hf-182



MAT 7249

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

72-Hf-182



73

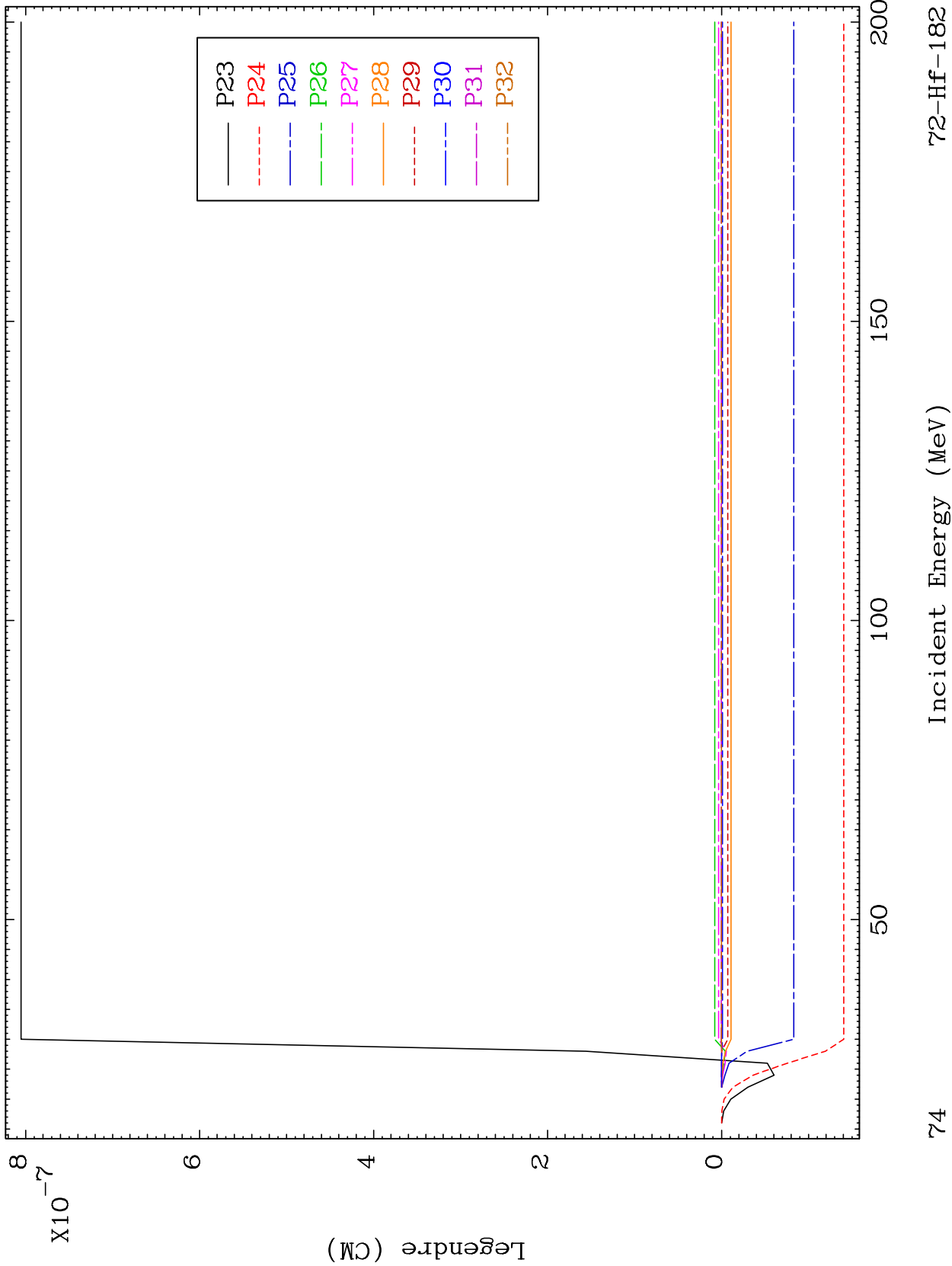
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



74

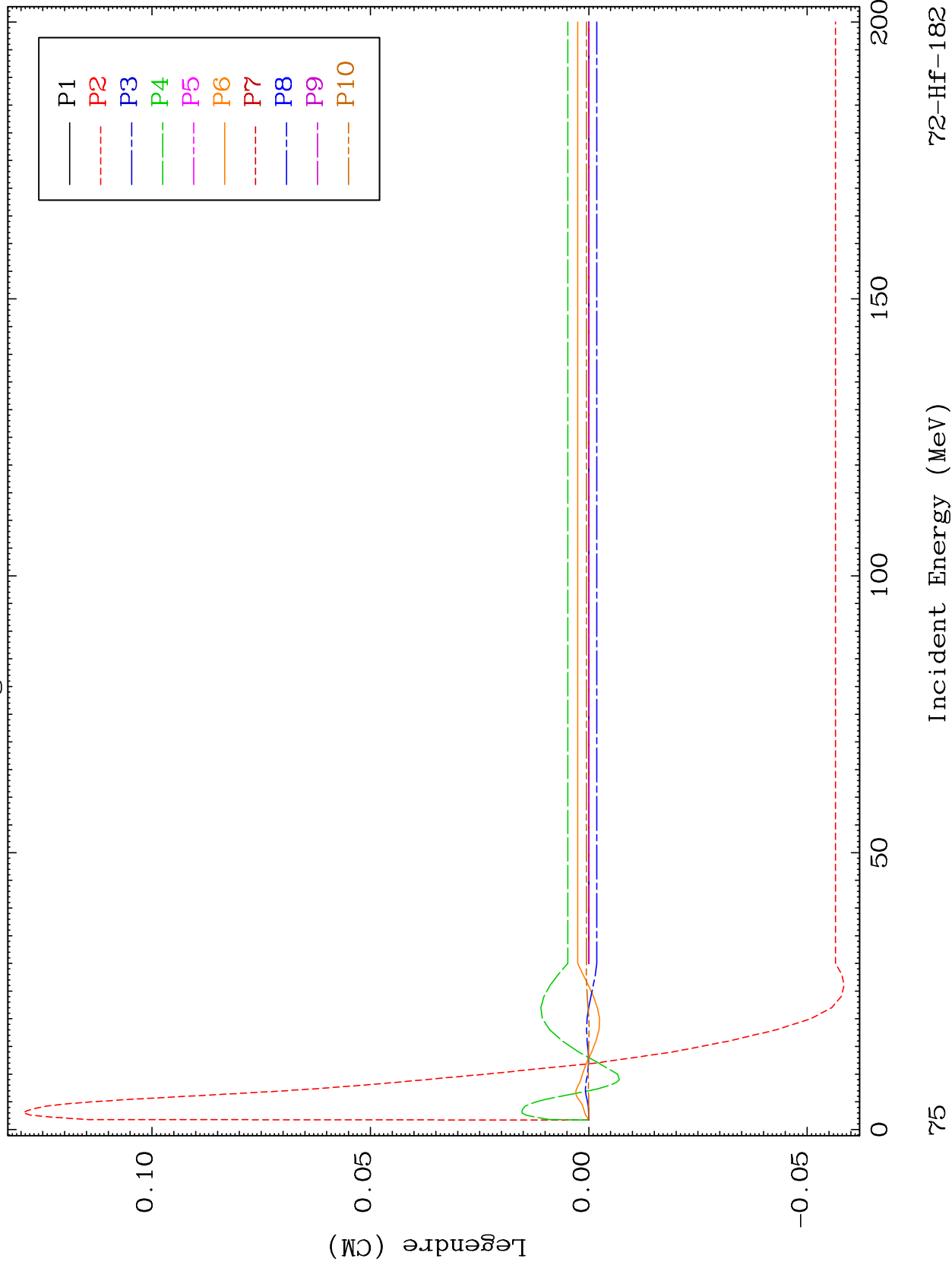
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



72-Hf-182

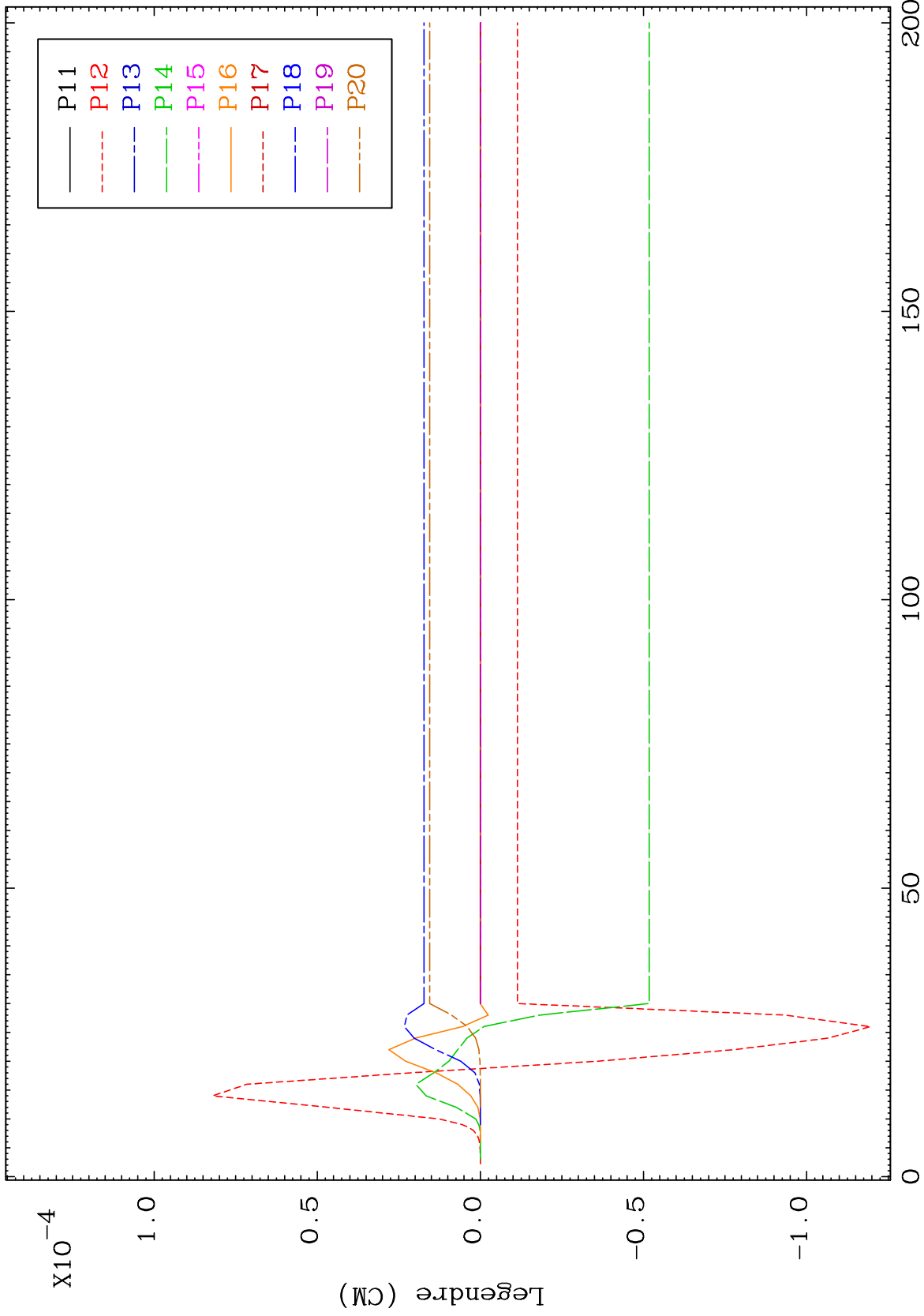
Incident Energy (MeV)

75

MAT 7249

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

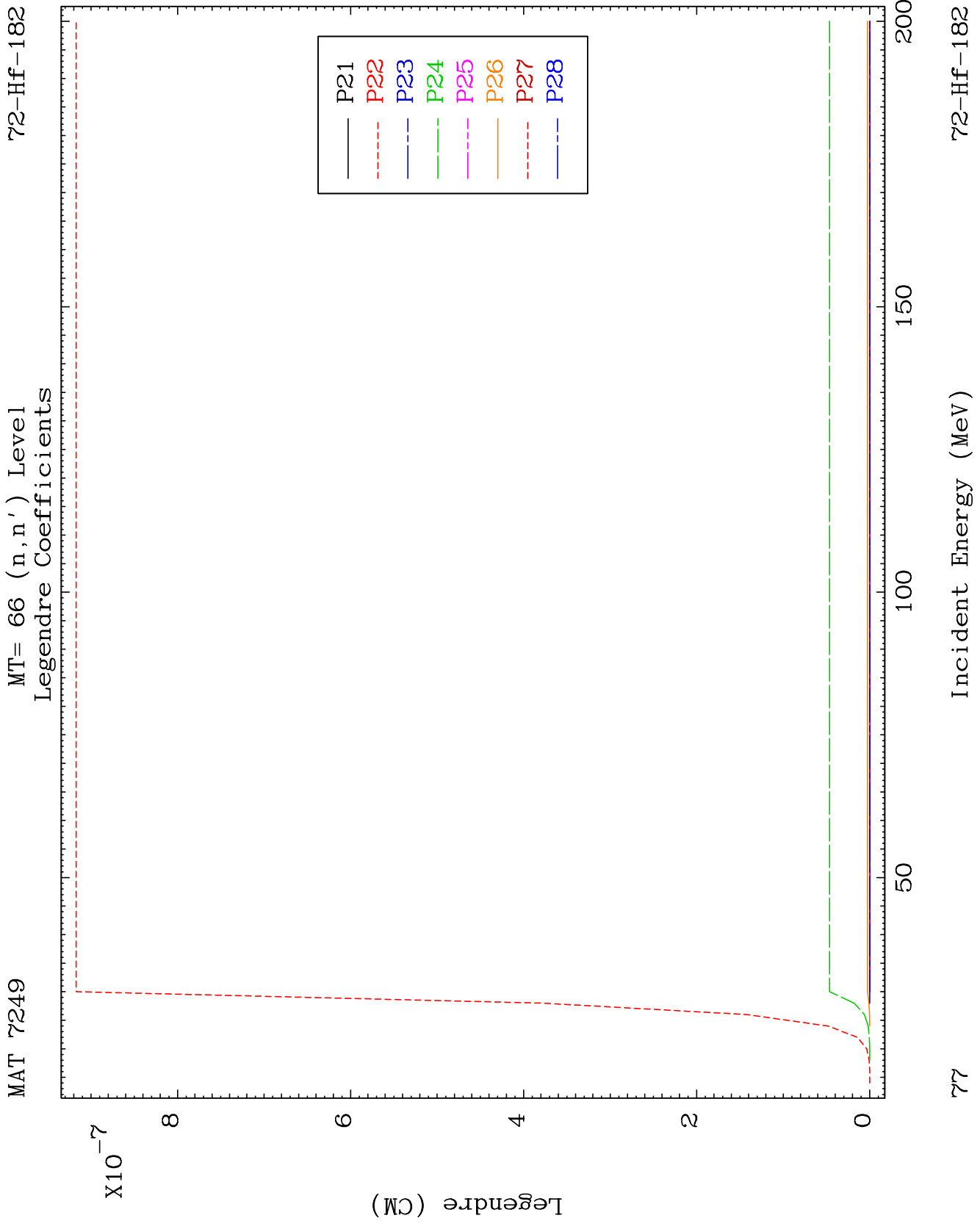
72-Hf-182



76

Incident Energy (MeV)

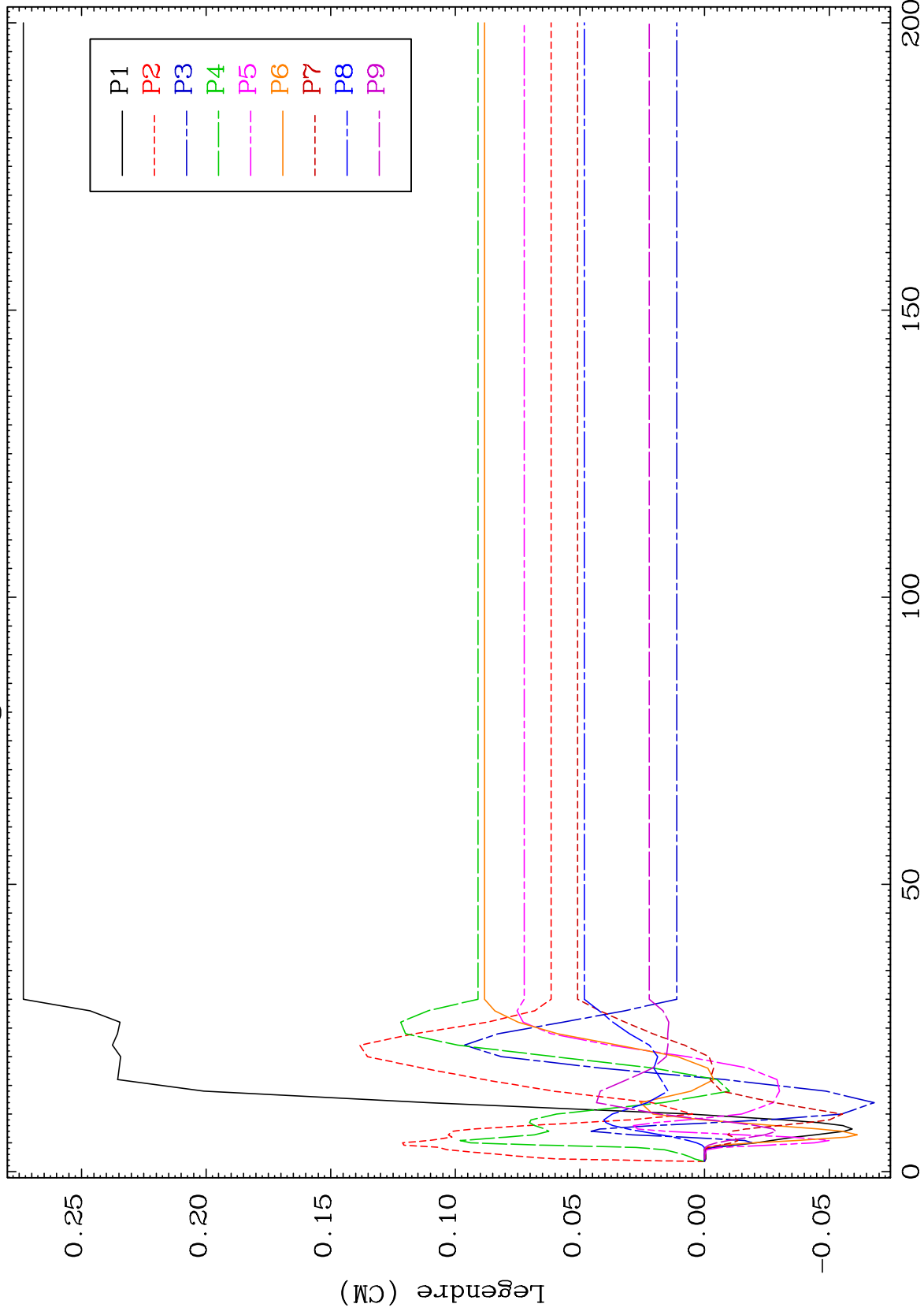
72-Hf-182



MAT 7249

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

72-Hf-182



72-Hf-182

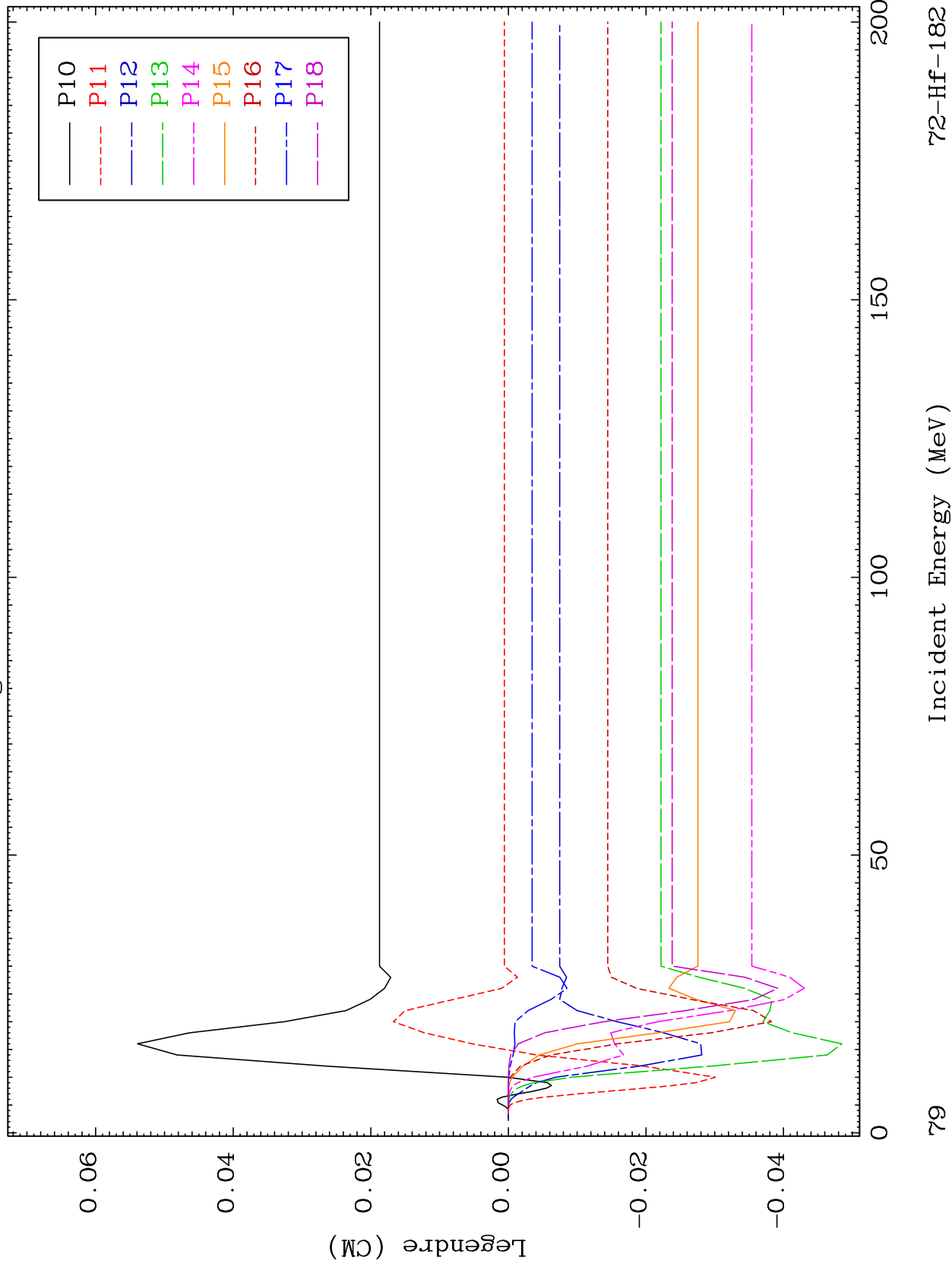
Incident Energy (MeV)

78

MAT 7249

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

72-Hf-182



72-Hf-182

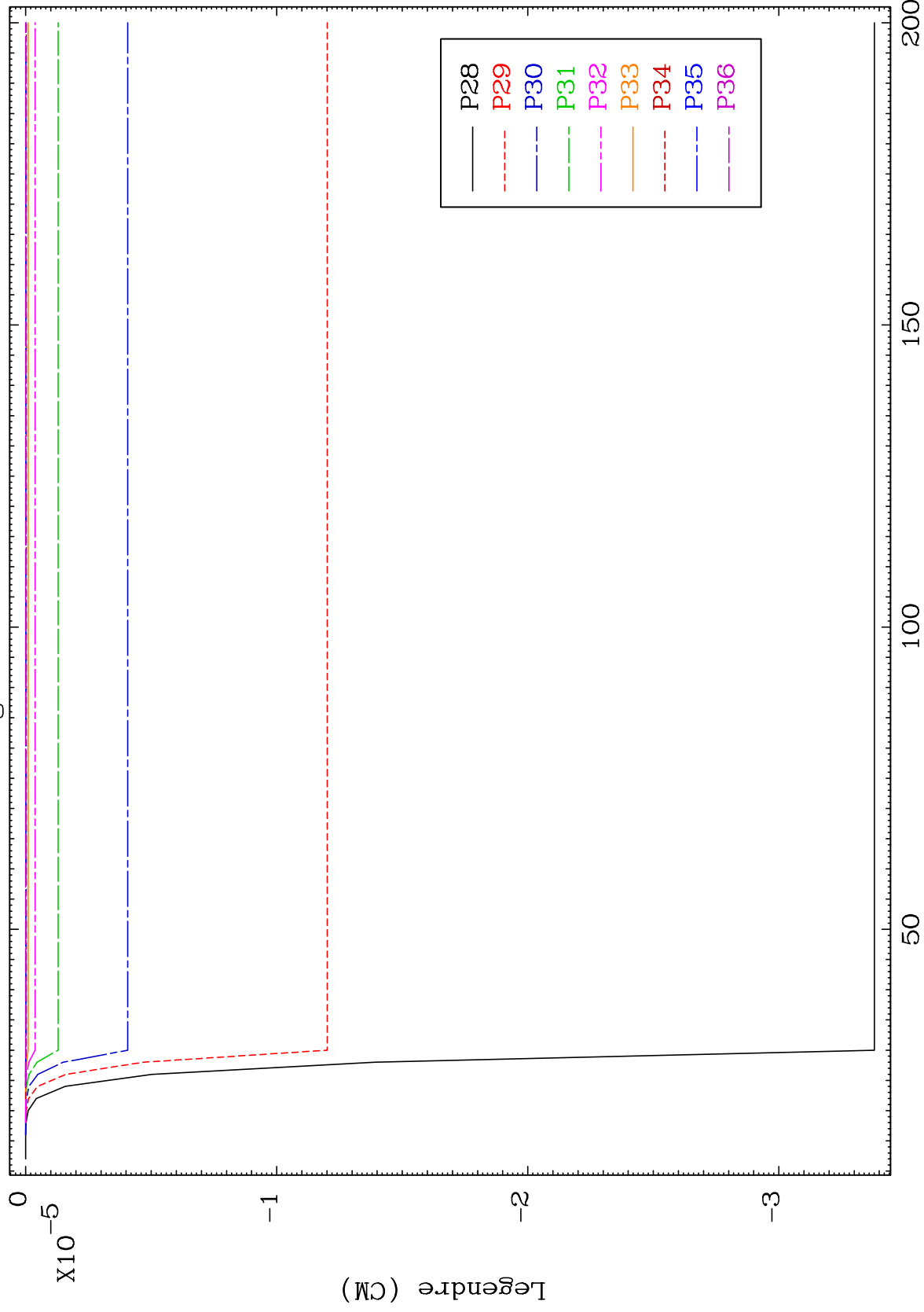
Incident Energy (MeV)

79

MAT 7249

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

72-Hf-182



81

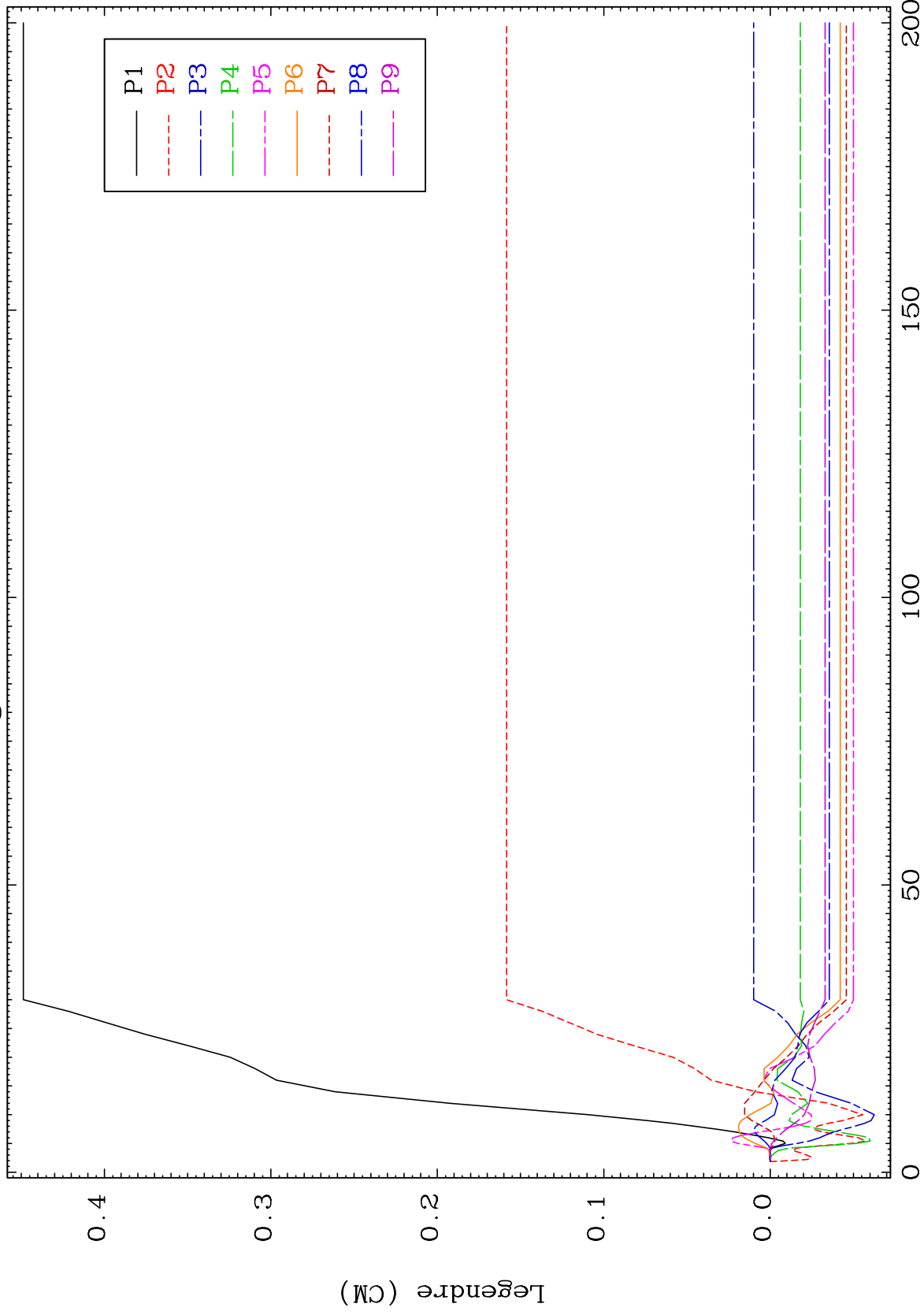
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

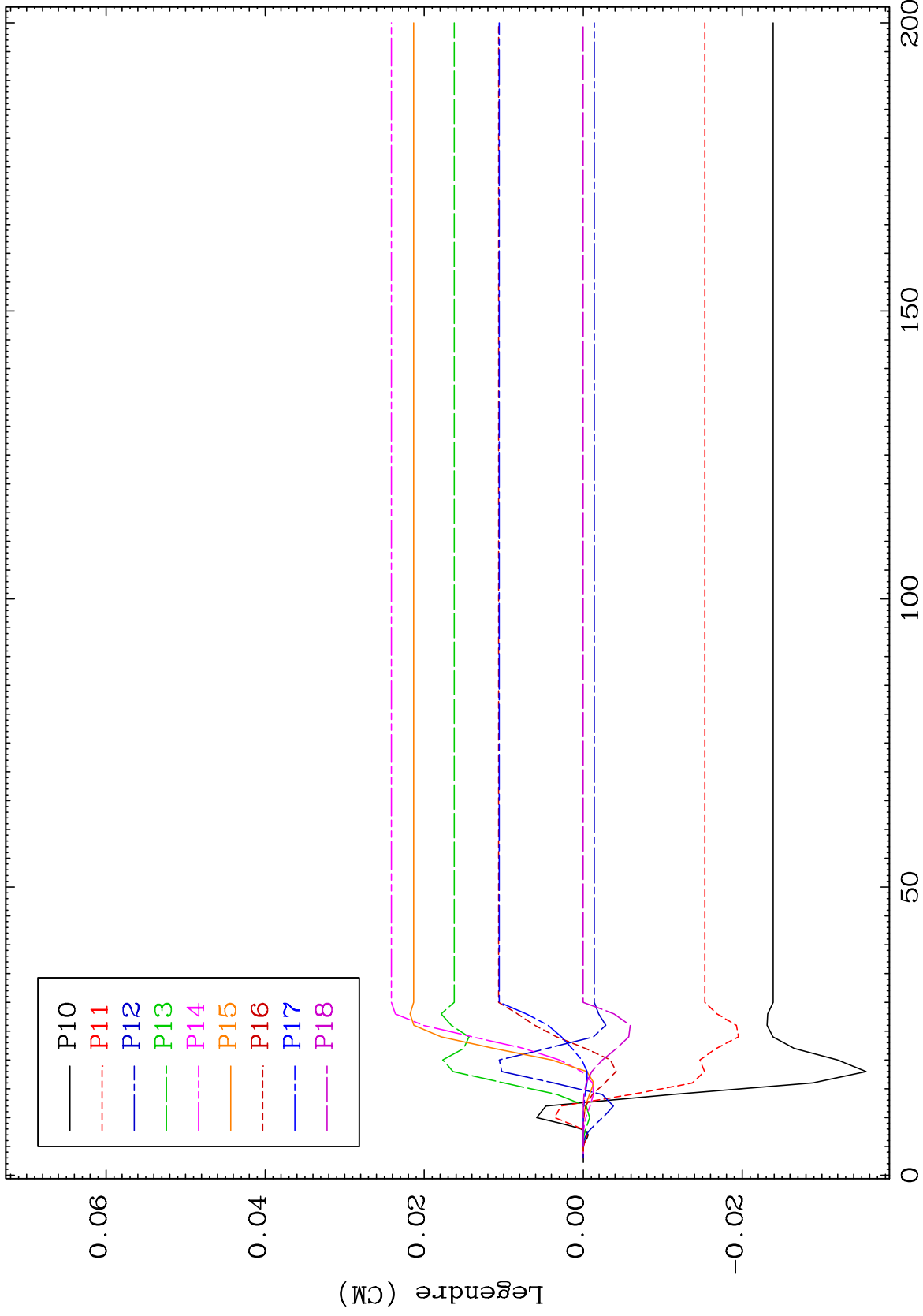
72-Hf-182

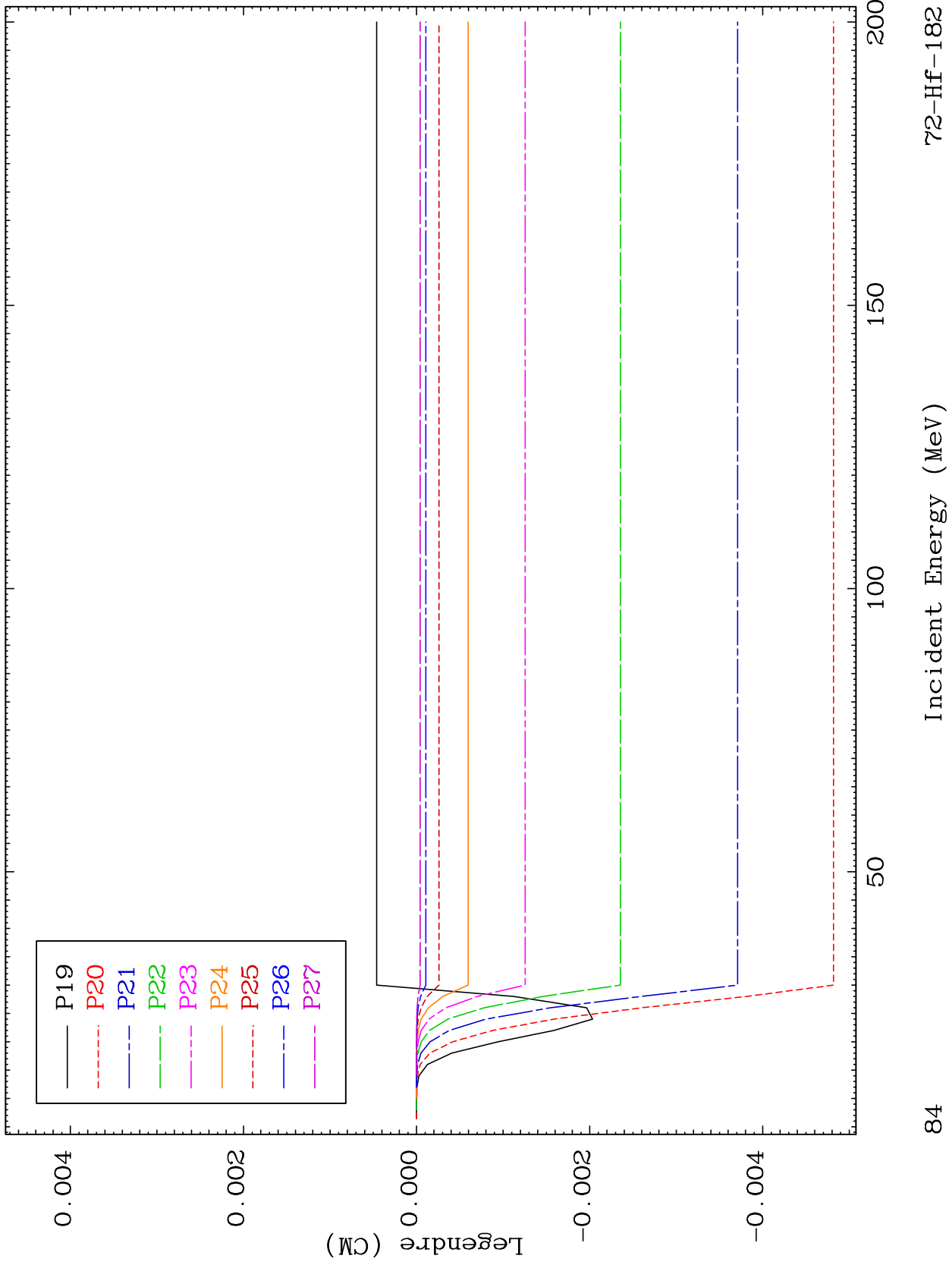


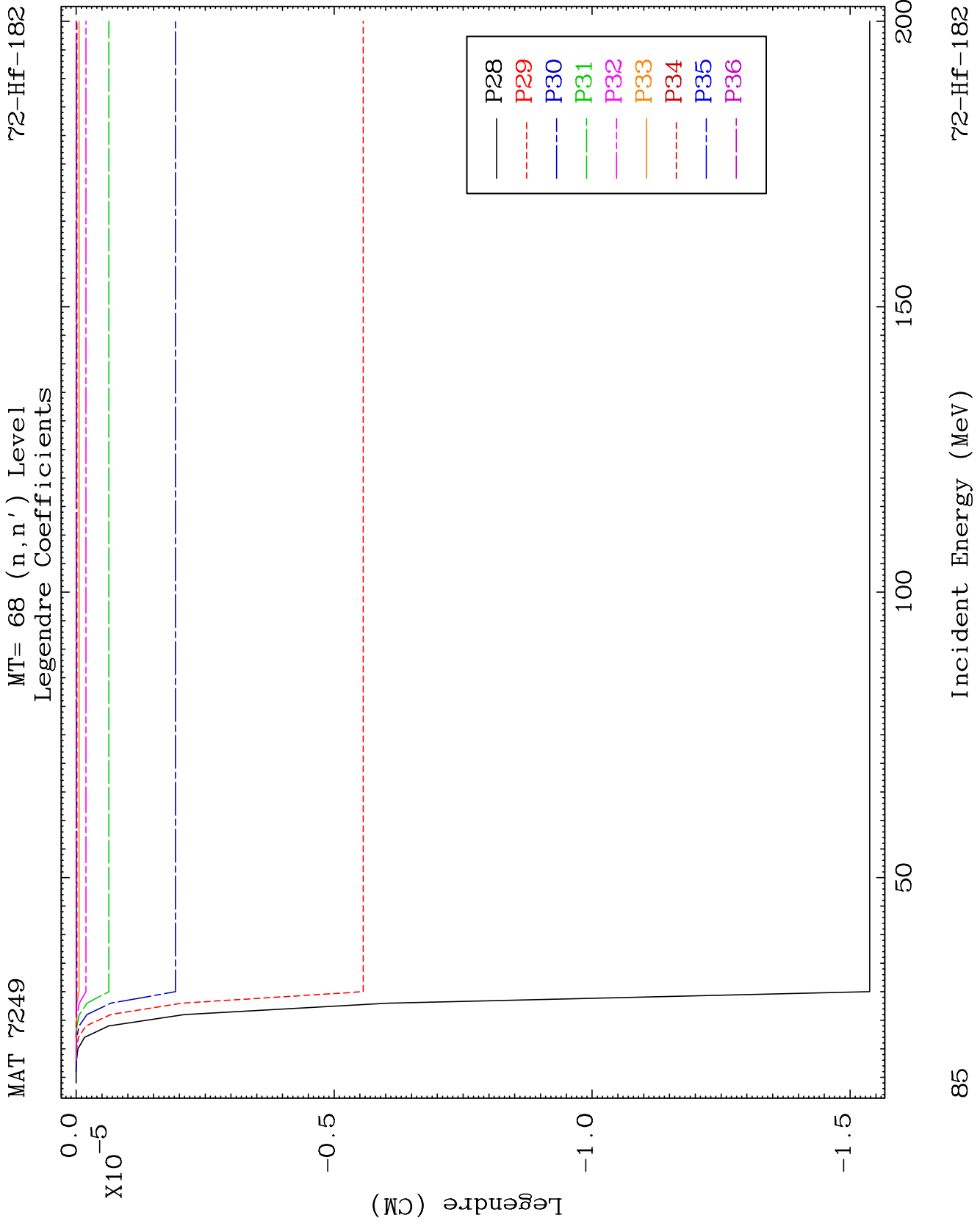
72-Hf-182

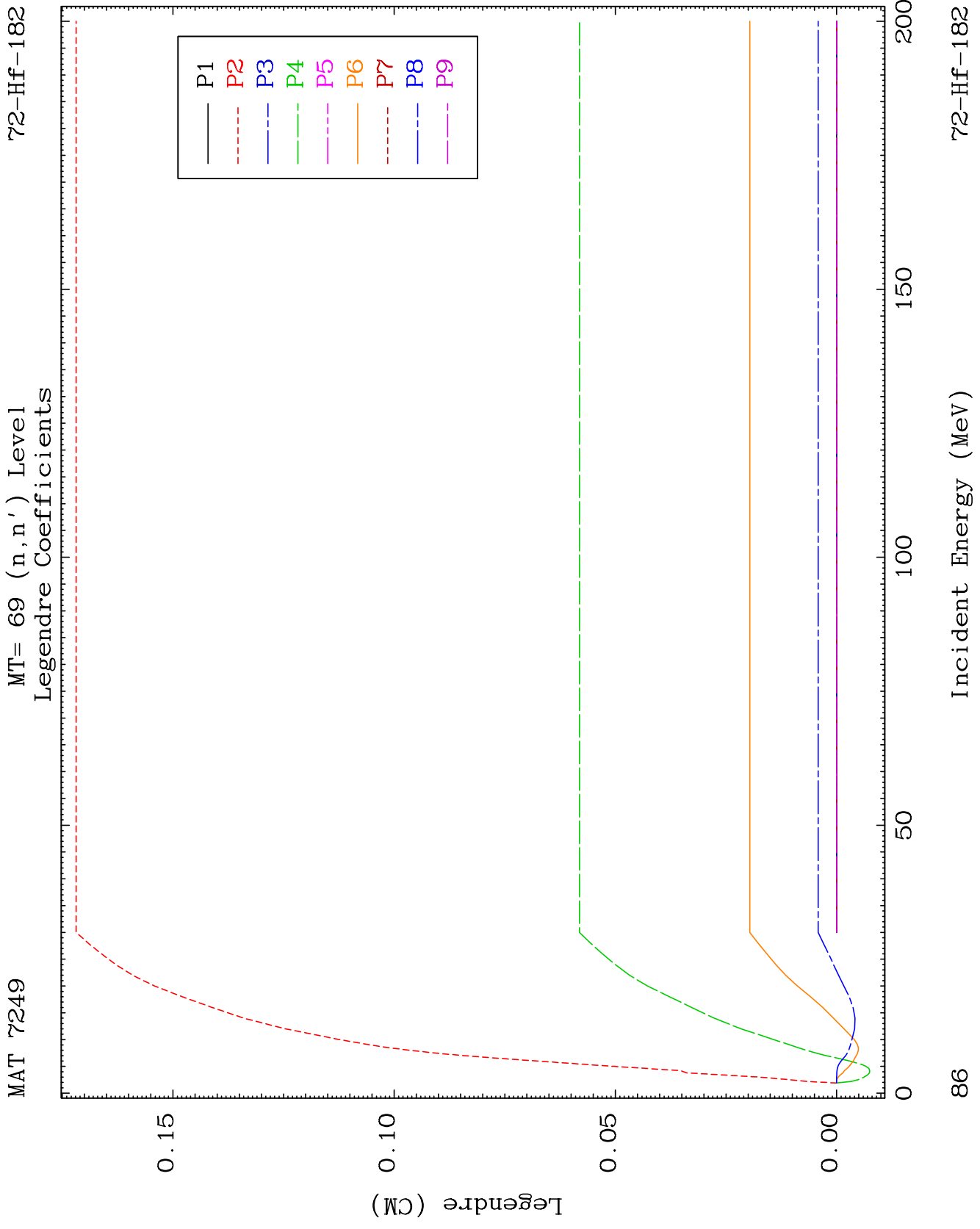
Incident Energy (MeV)

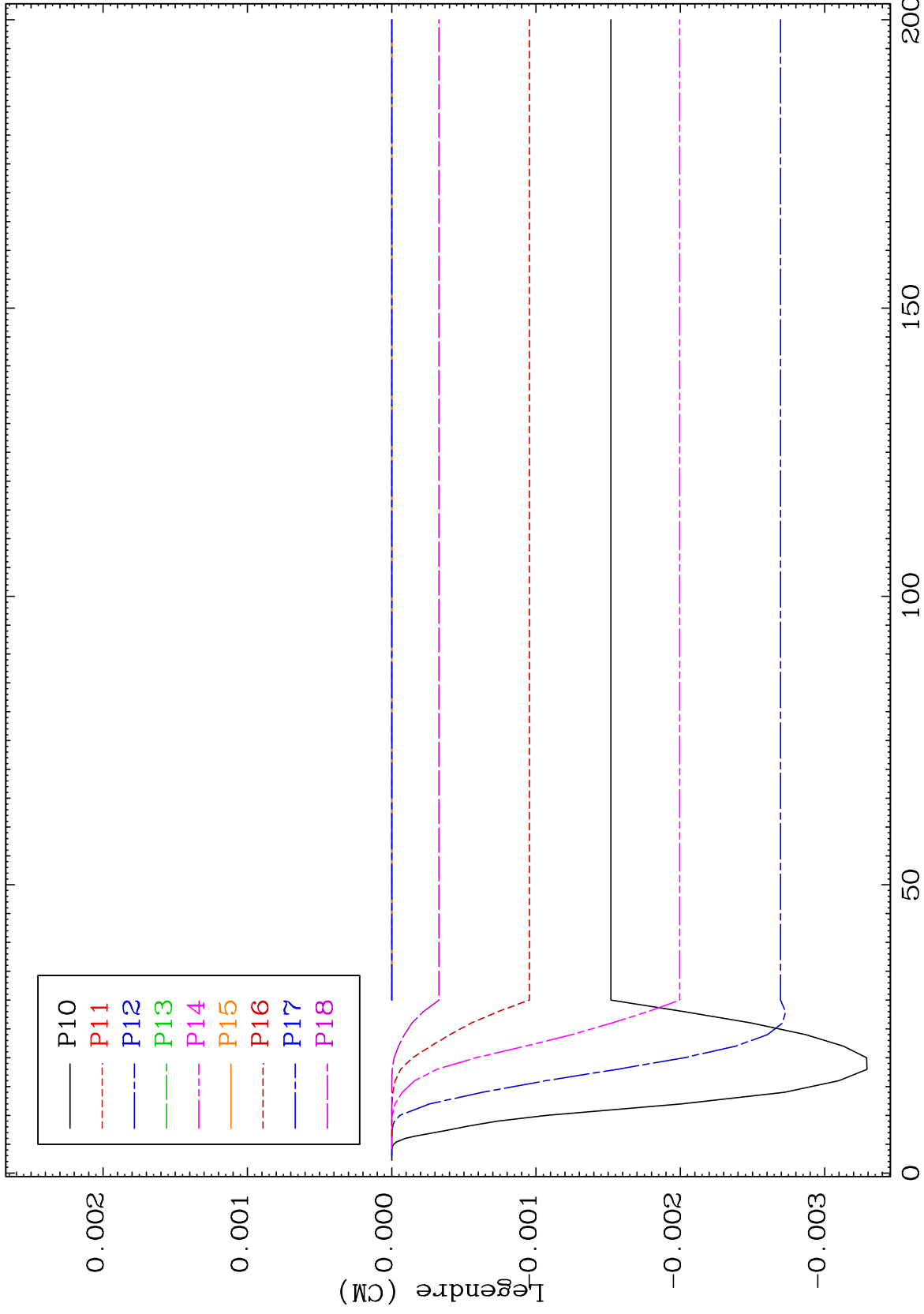
82

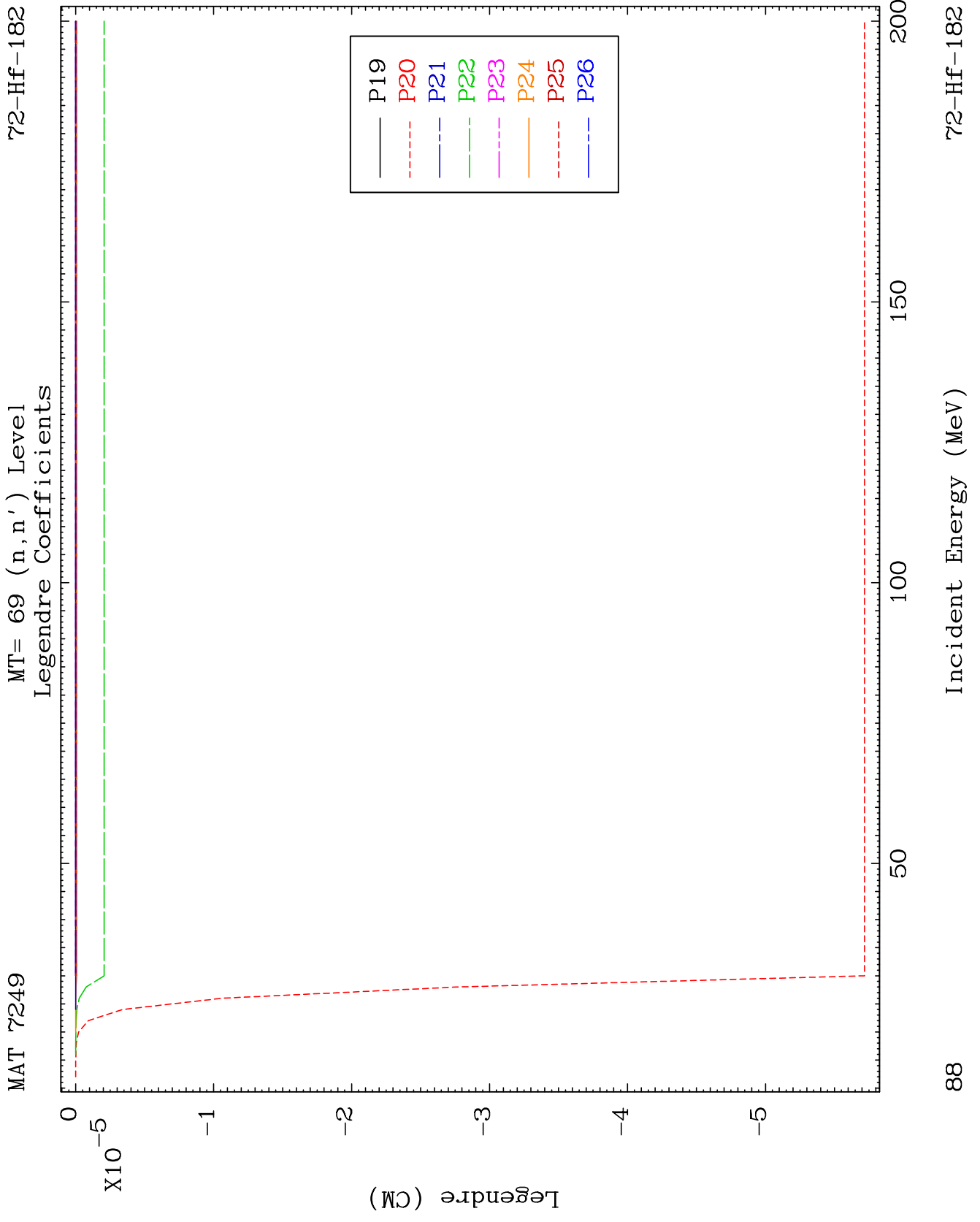








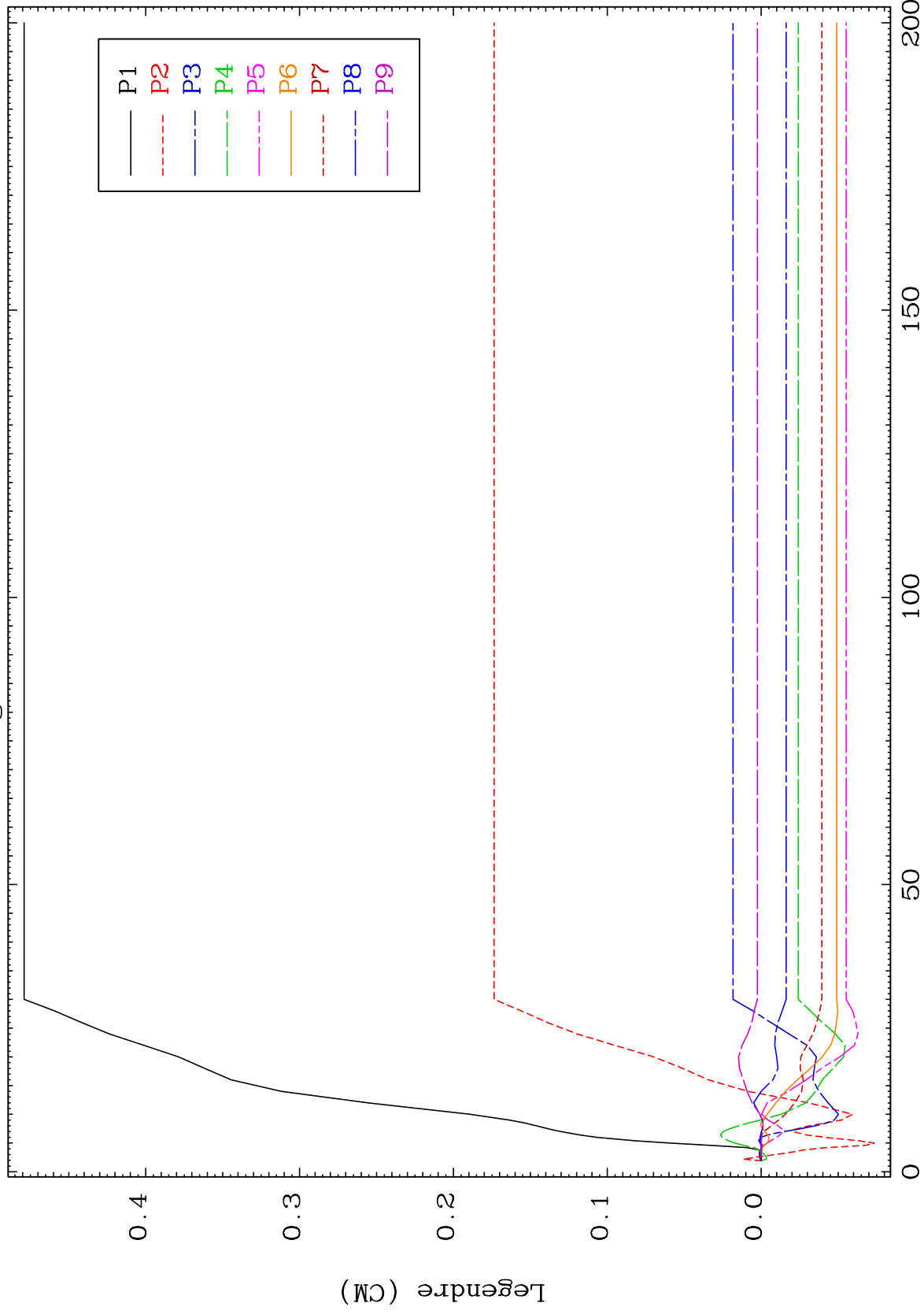




MAT 7249

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

72-Hf-182



72-Hf-182

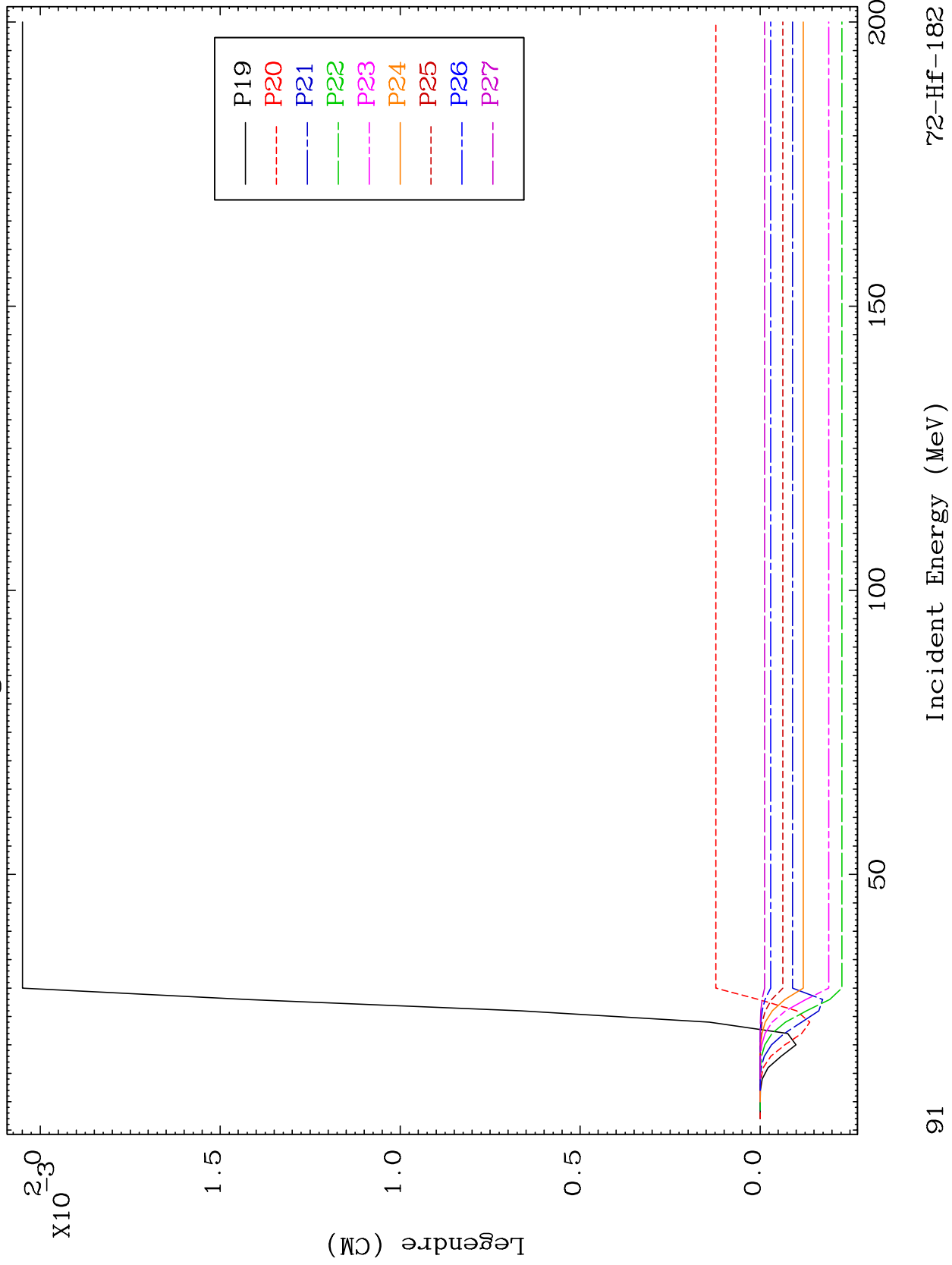
Incident Energy (MeV)

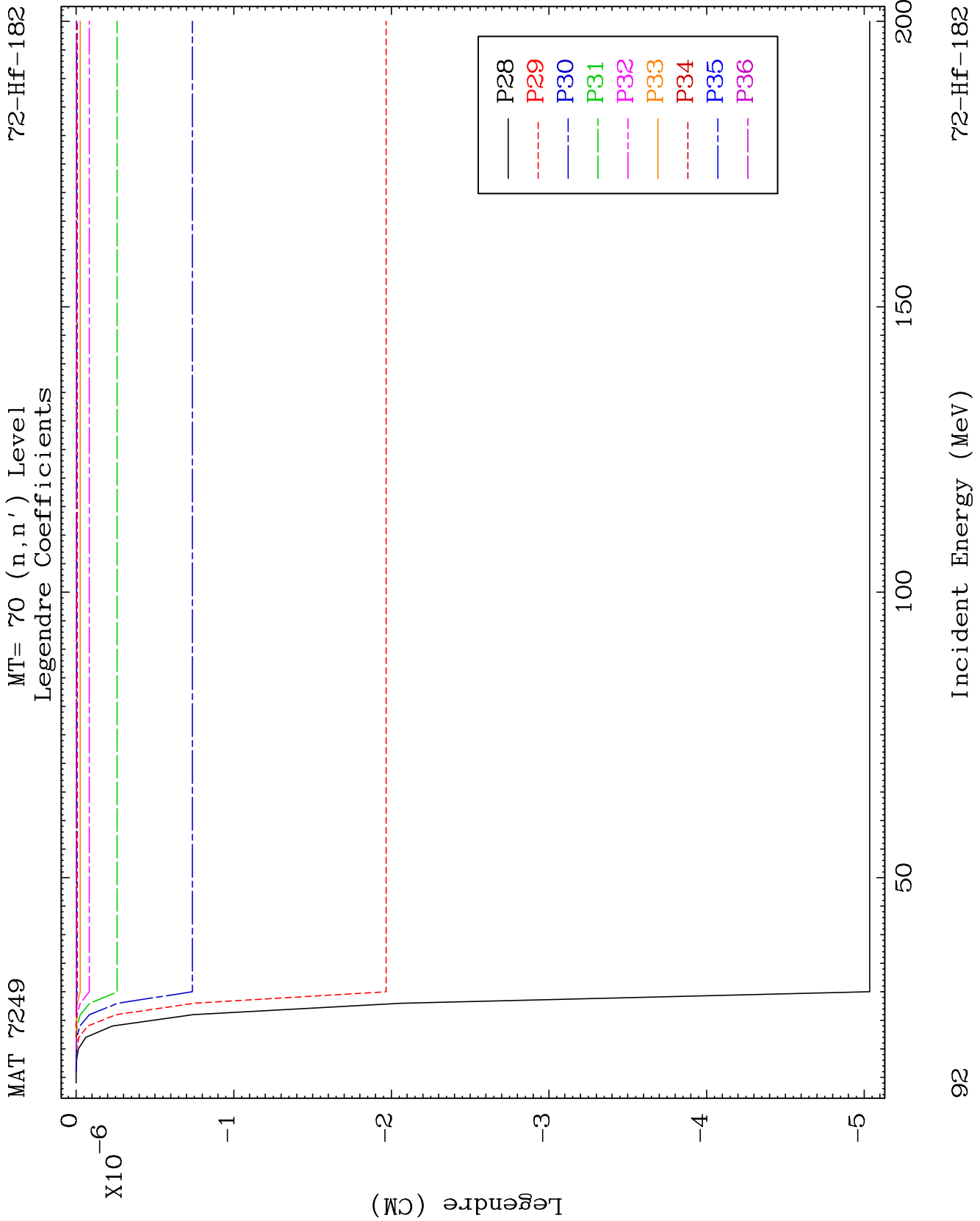
89

MAT 7249

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

72-Hf-182

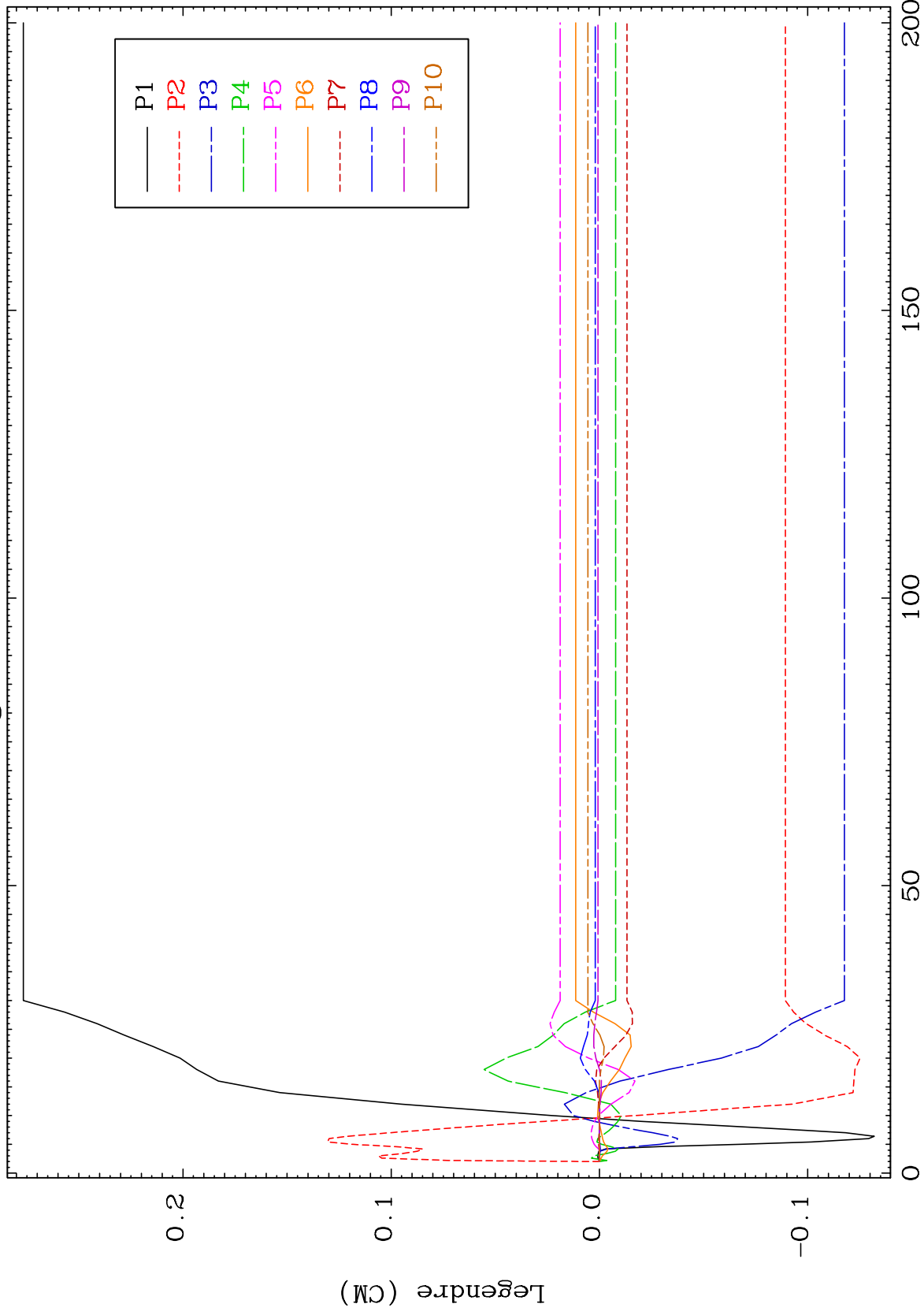




MAT 7249

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

72-Hf-182



93

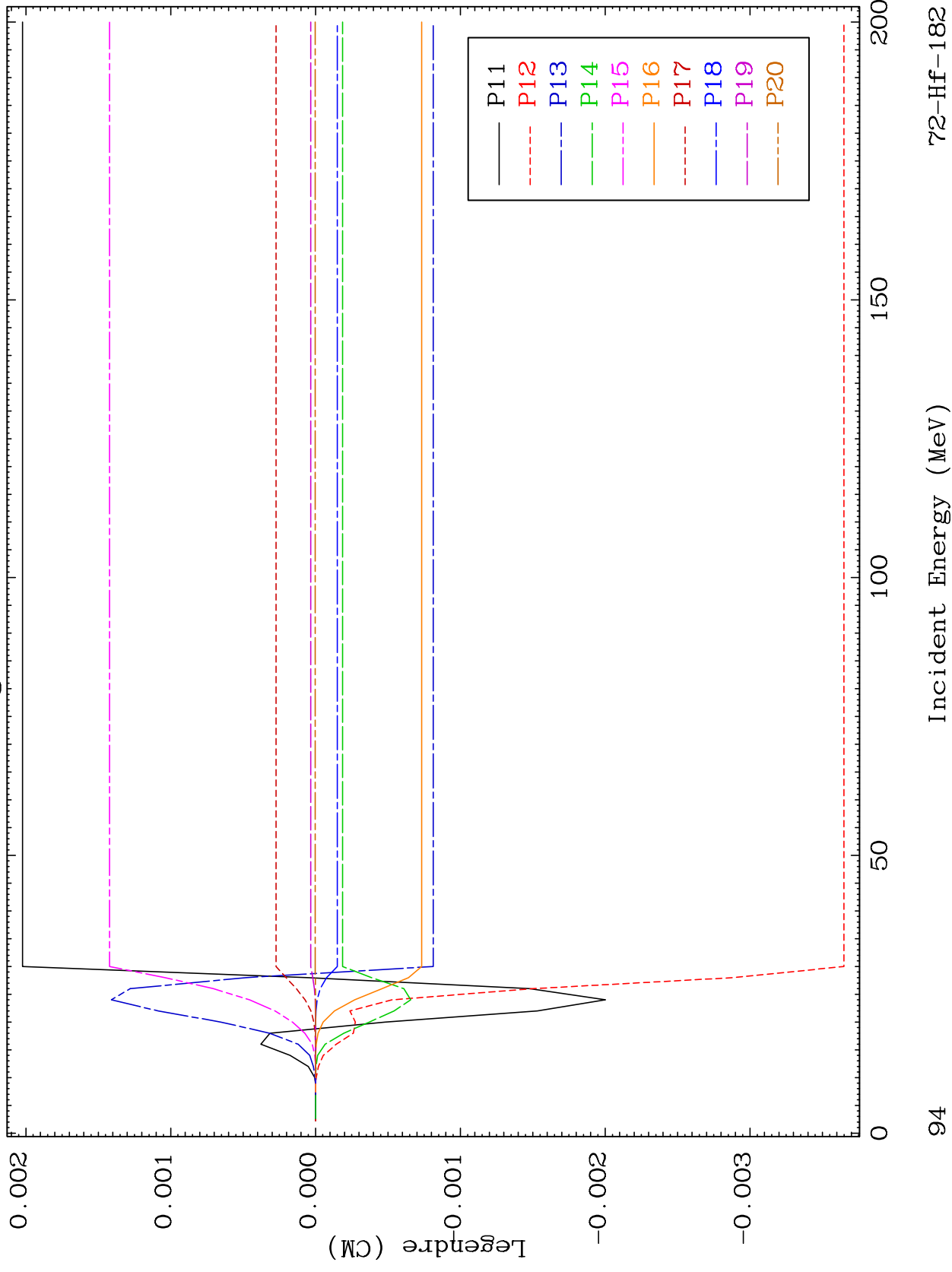
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

72-Hf-182



94

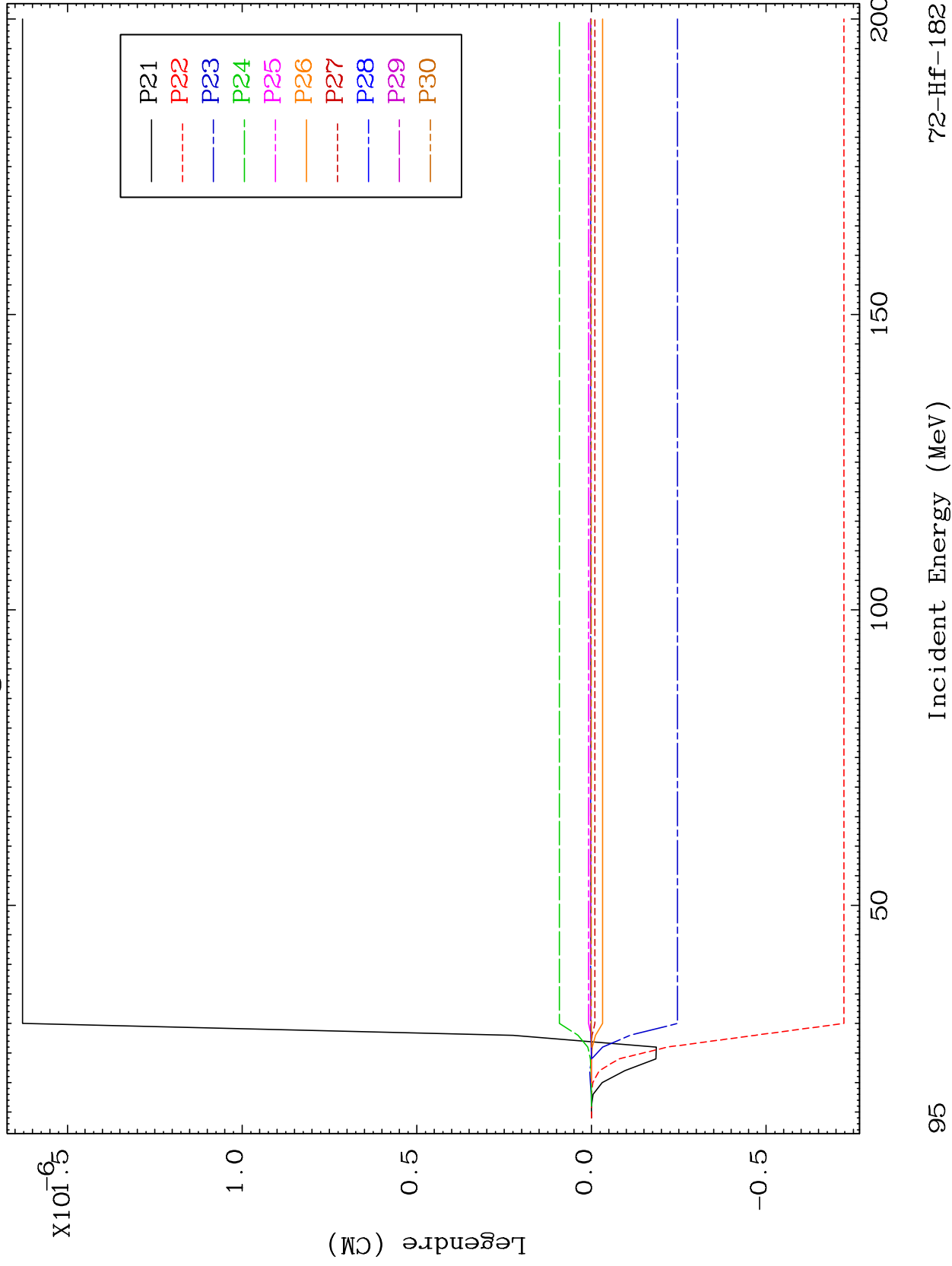
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

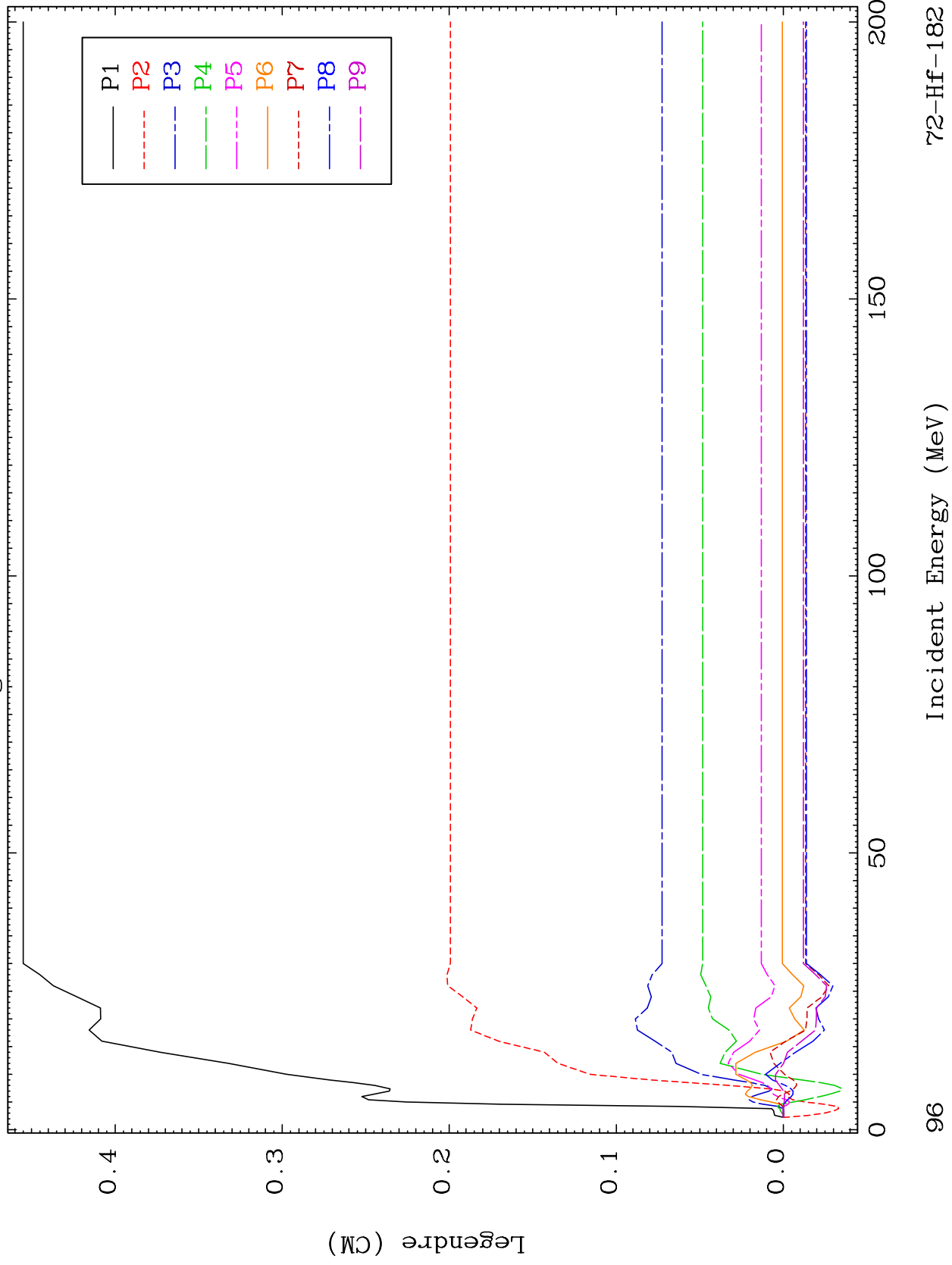
72-Hf-182



MAT 7249

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

72-Hf-182



72-Hf-182

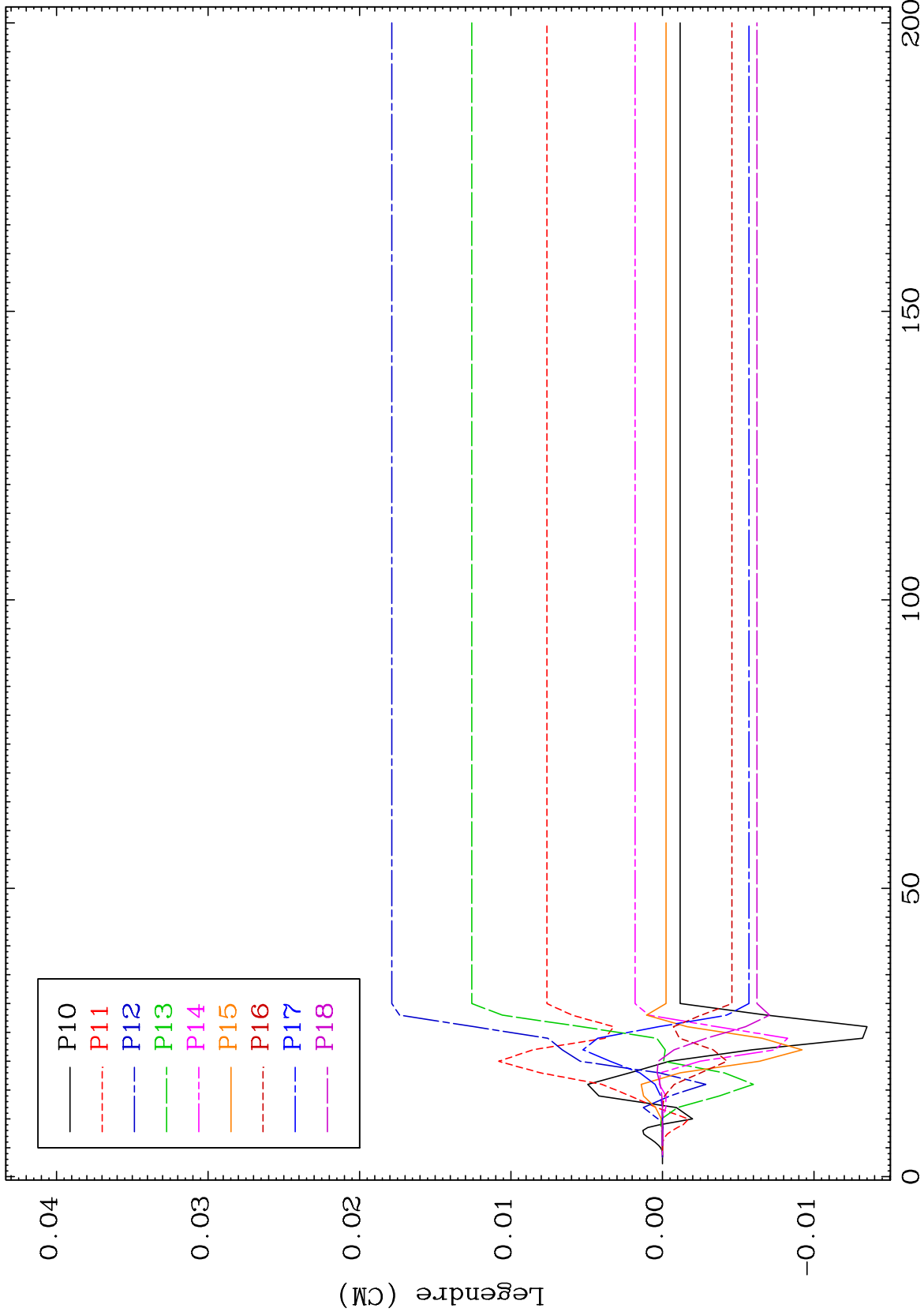
Incident Energy (MeV)

96

MAT 7249

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

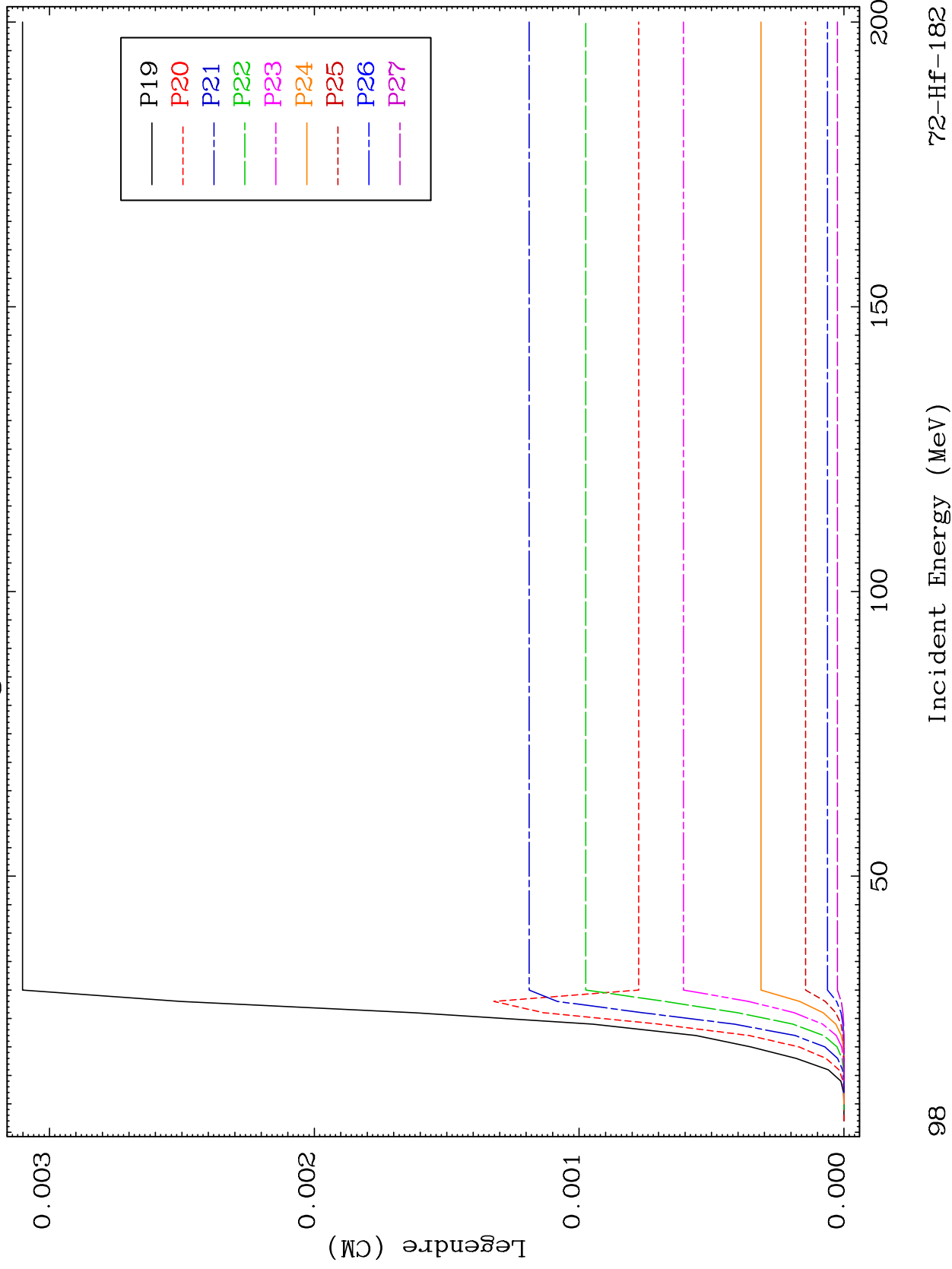
72-Hf-182



97

Incident Energy (MeV)

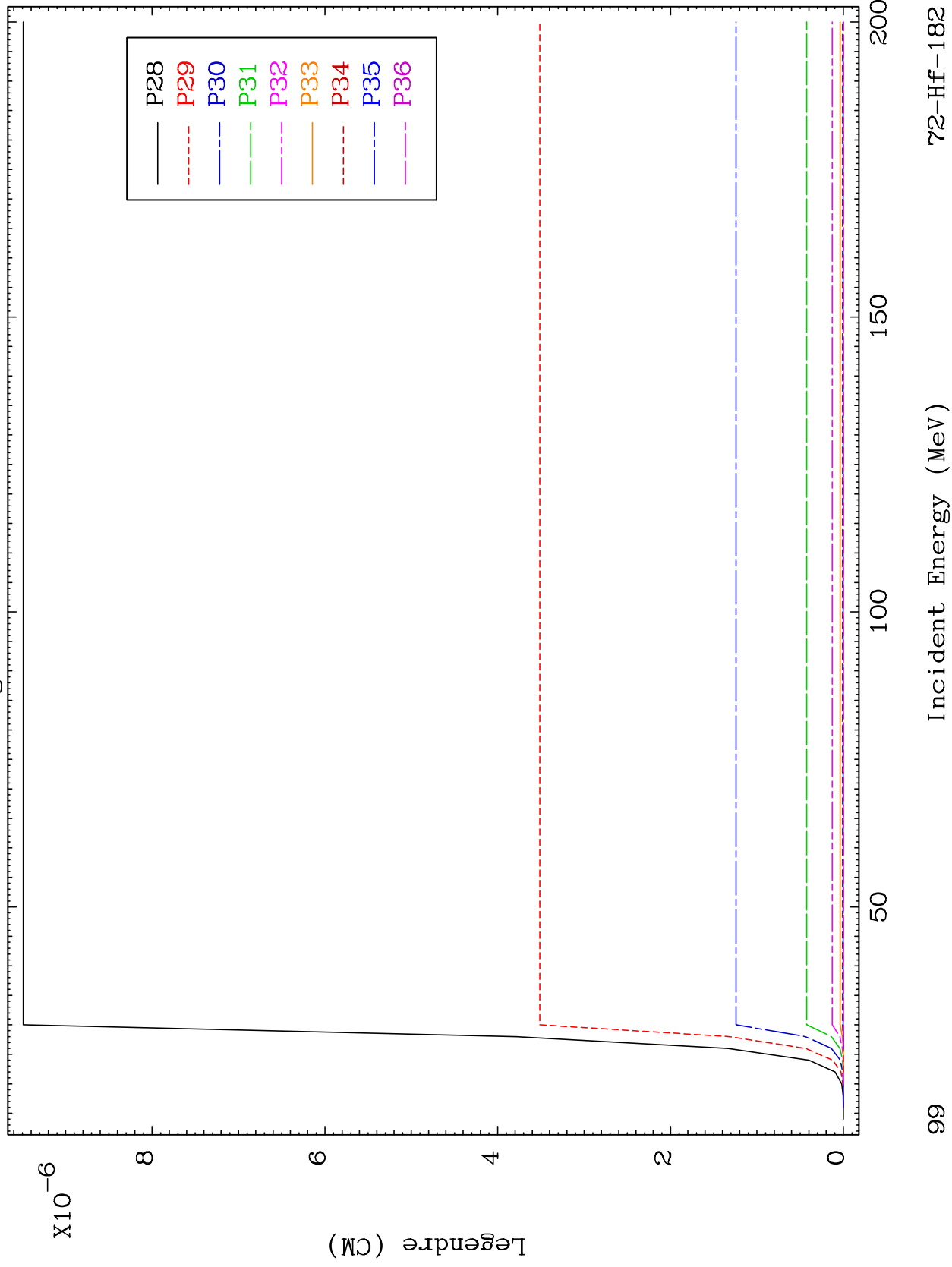
72-Hf-182



MAT 7249

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

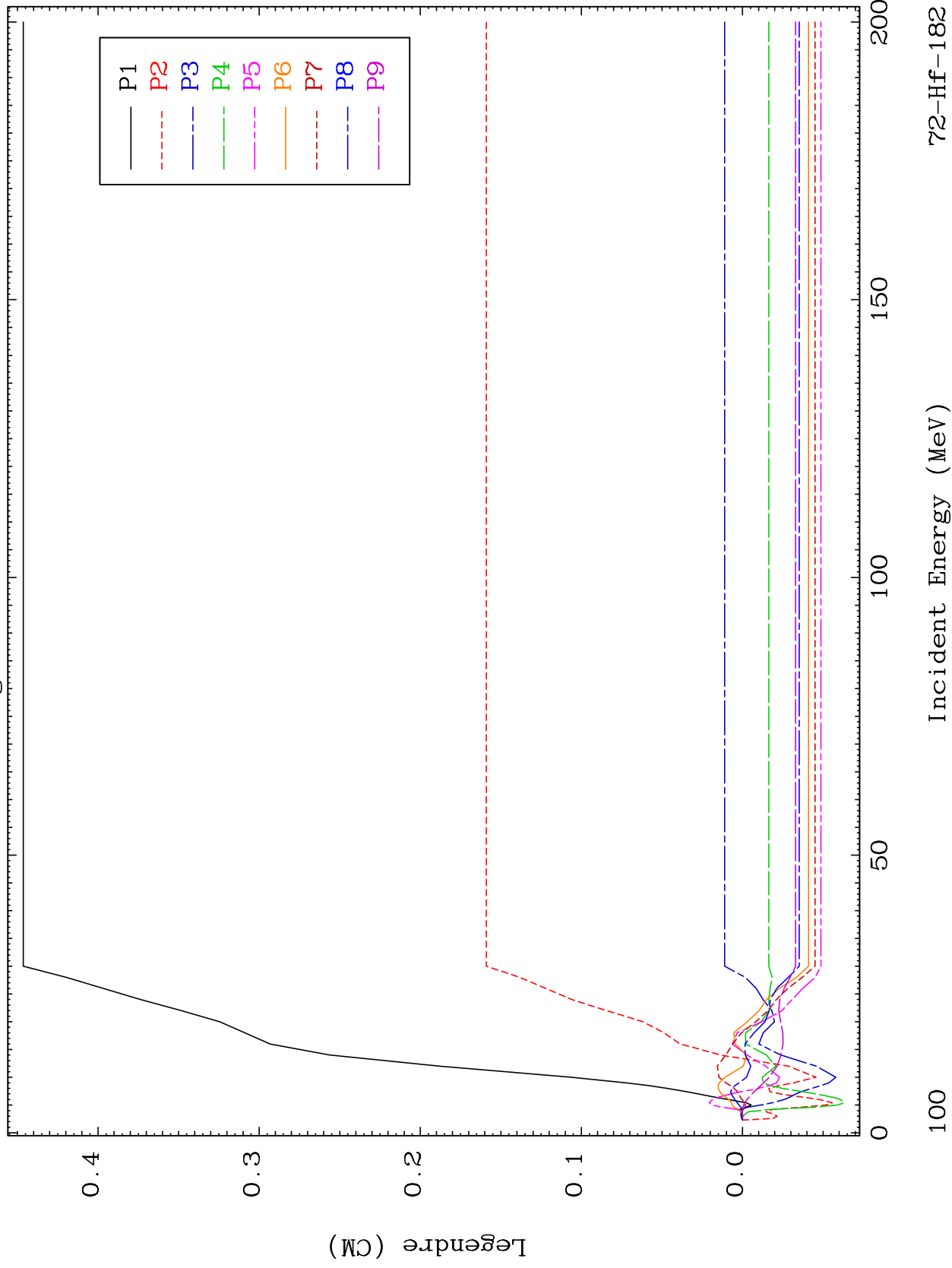
72-Hf-182



MAT 7249

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

72-Hf-182

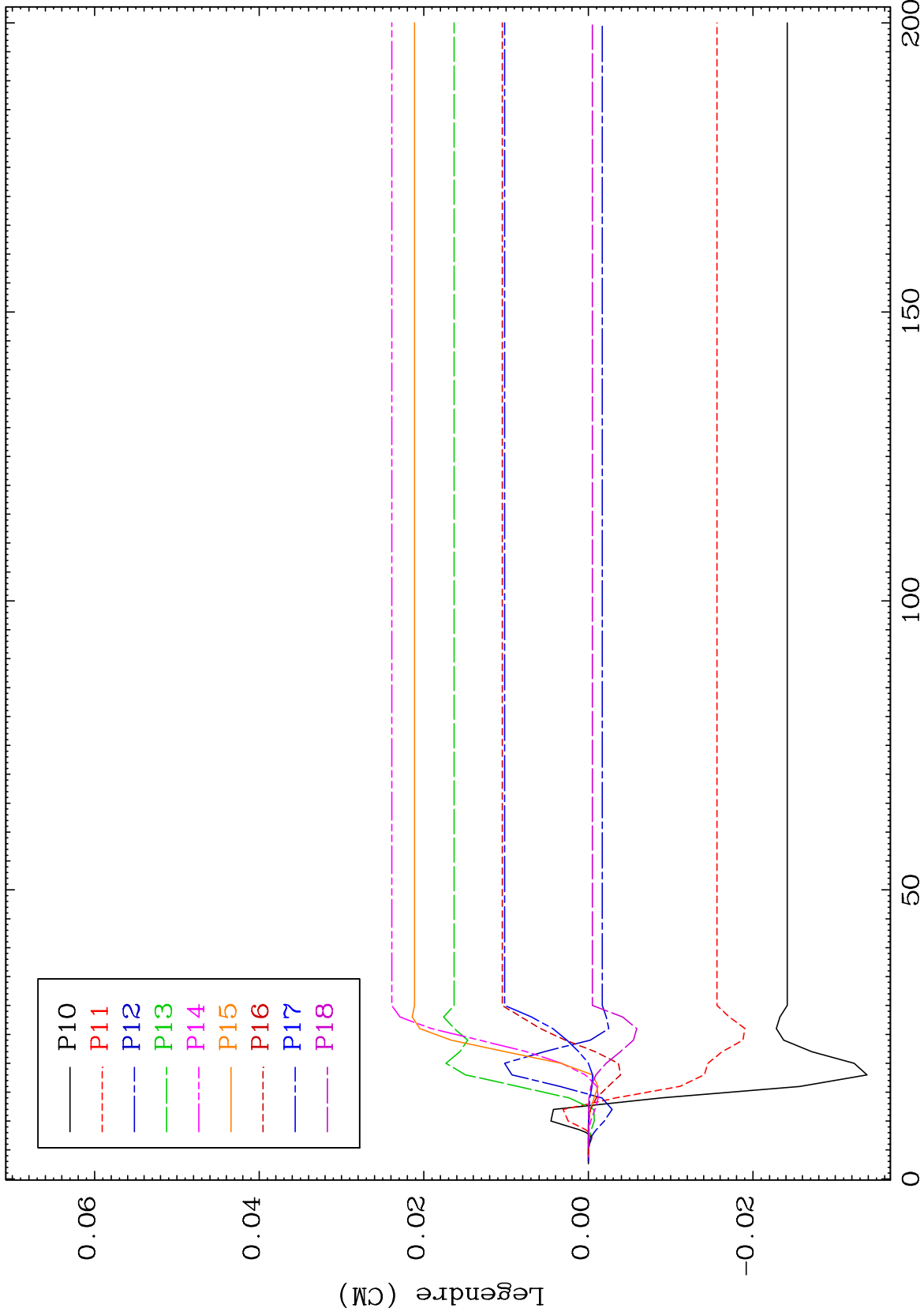


72-Hf-182

MAT 7249

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

72-Hf-182



101

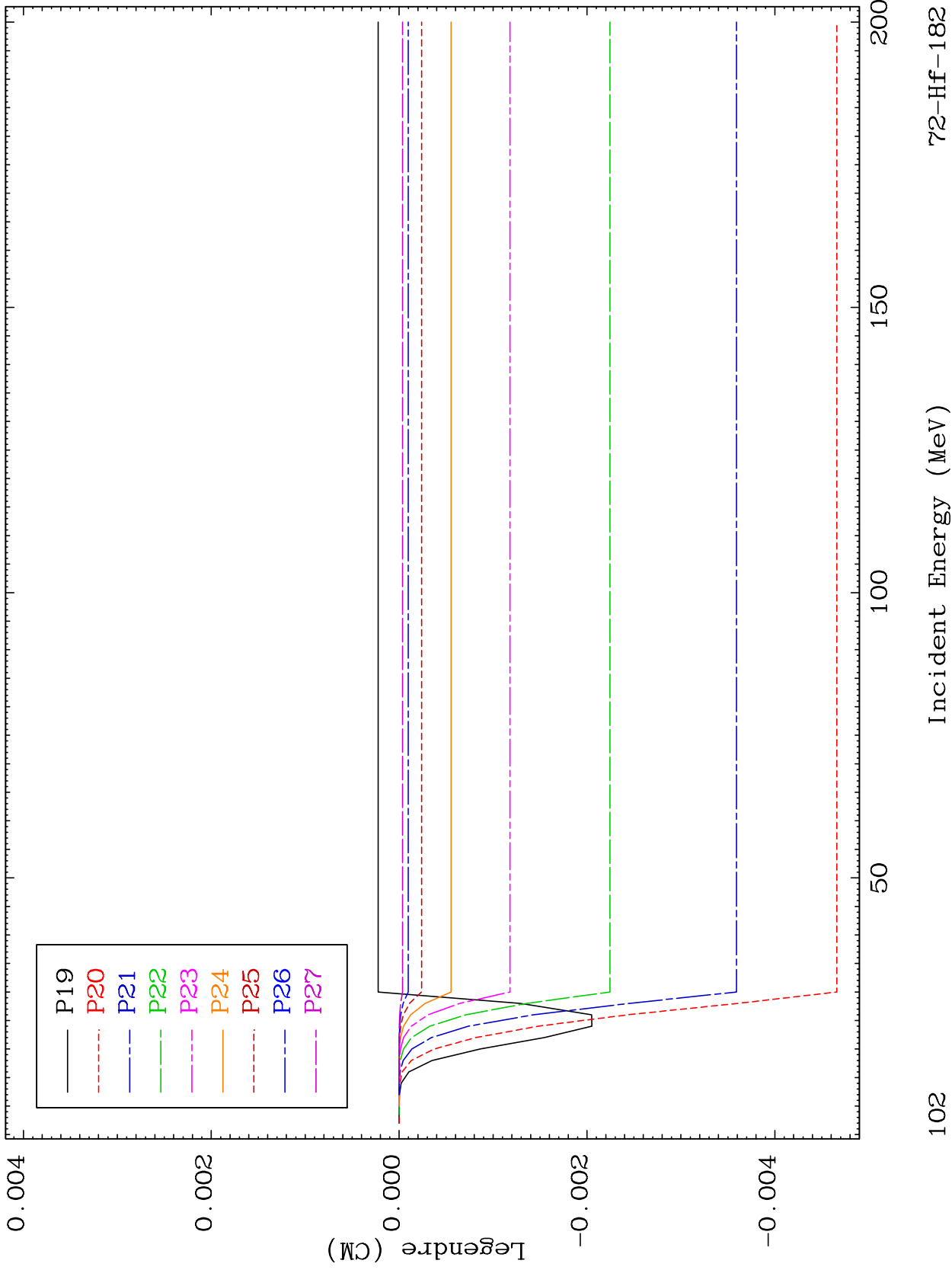
Incident Energy (MeV)

72-Hf-182

MAT 7249

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

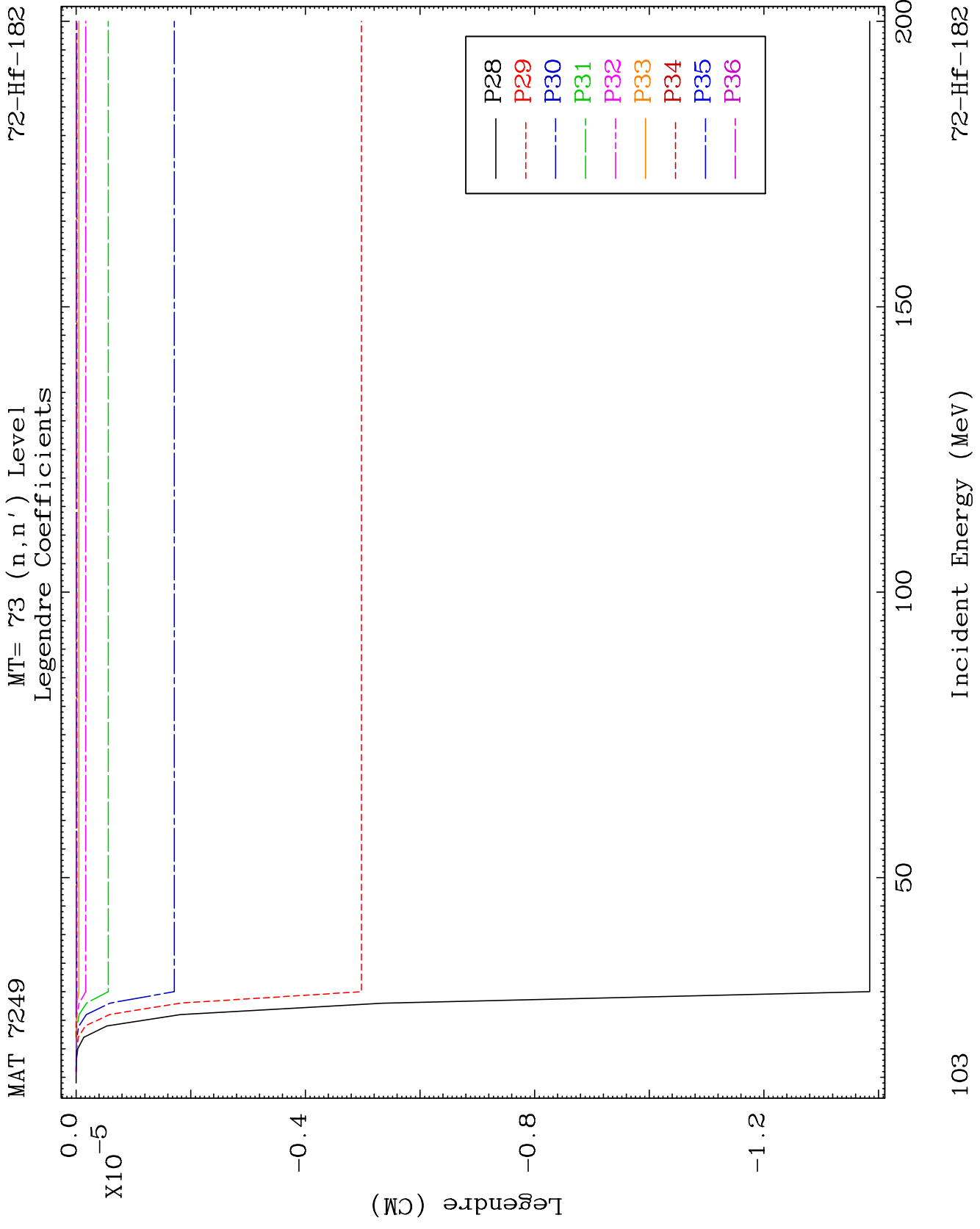
72-Hf-182



102

Incident Energy (MeV)

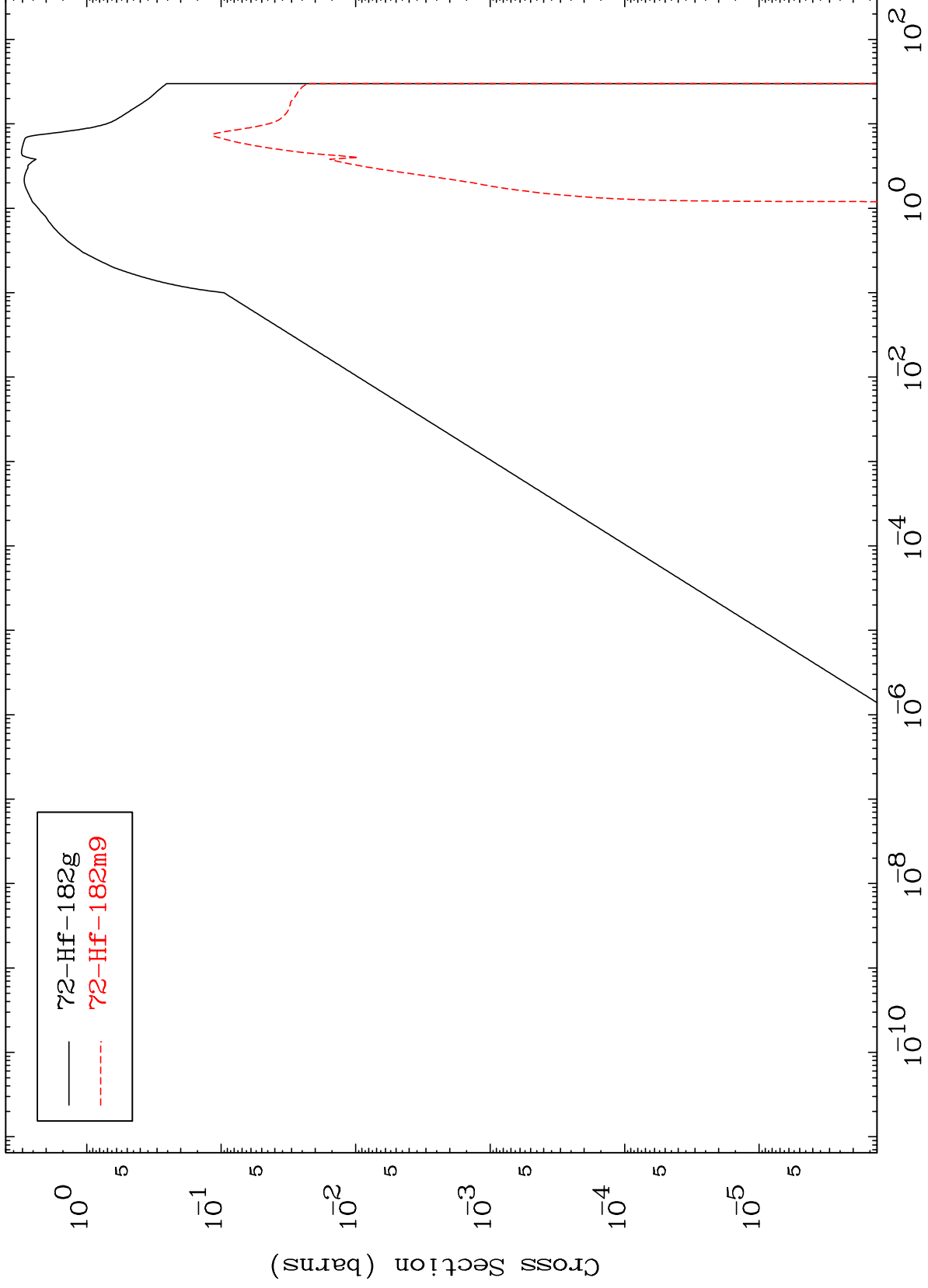
72-Hf-182



MAT 7249

Radionuclide Production Cross Section

72-Hf-182



72-Hf-182g
72-Hf-182m9

104

Incident Energy (MeV)

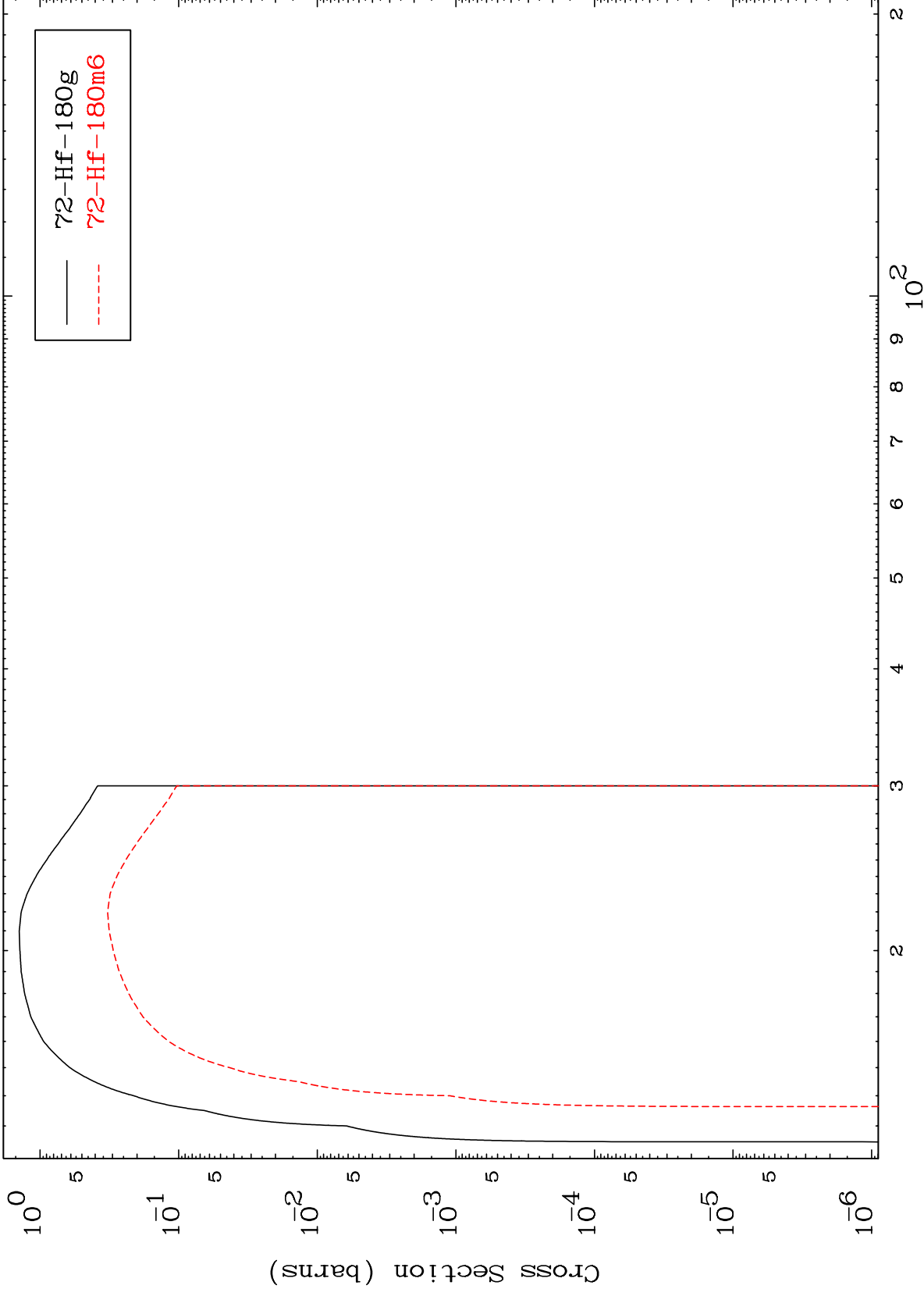
72-Hf-182

MAT 7249

(n,3n)

72-Hf-182

Radionuclide Production Cross Section



105

Incident Energy (MeV)

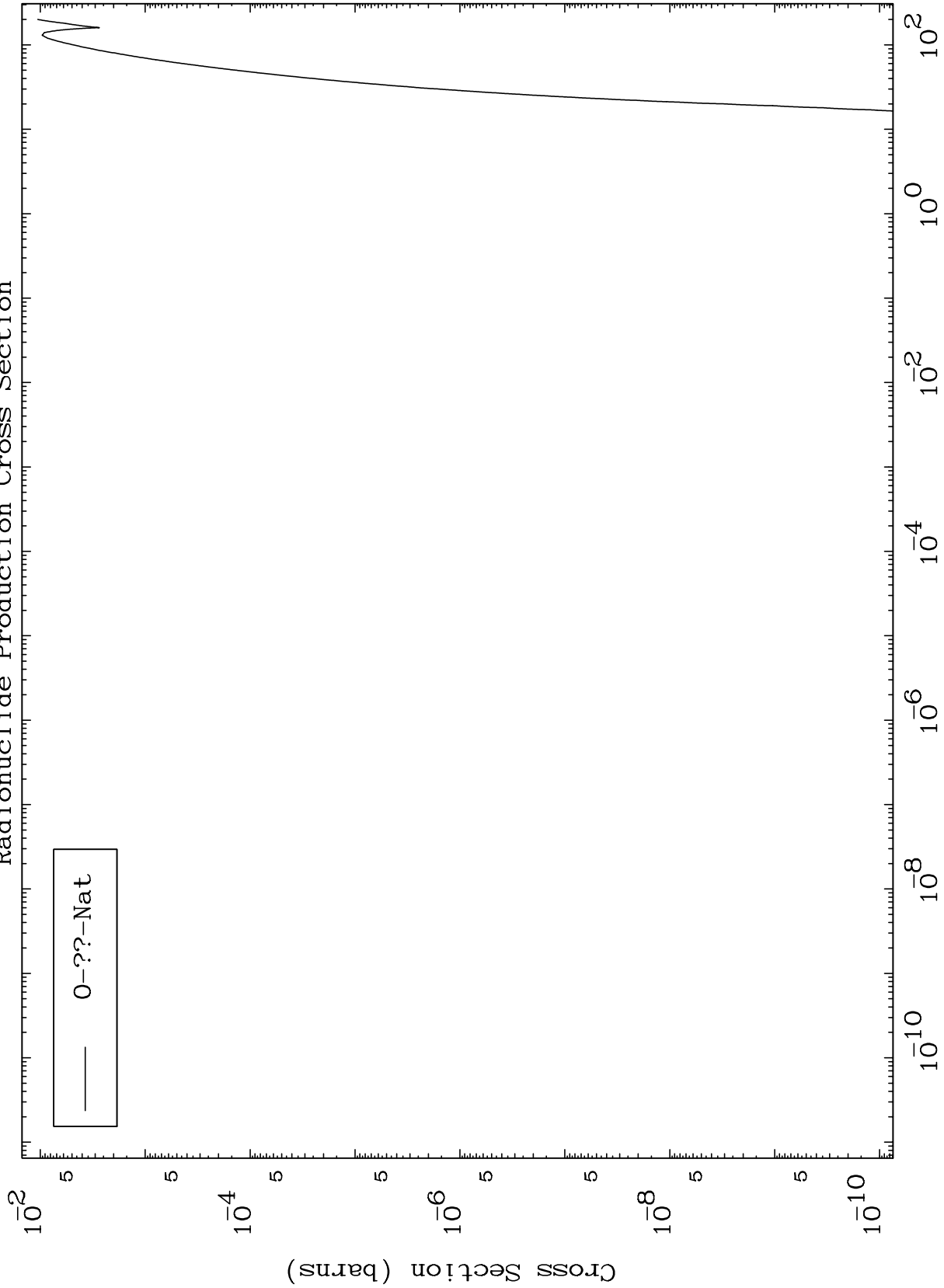
72-Hf-182

MAT 7249

Fission

72-Hf-182

Radionuclide Production Cross Section



106

Incident Energy (MeV)

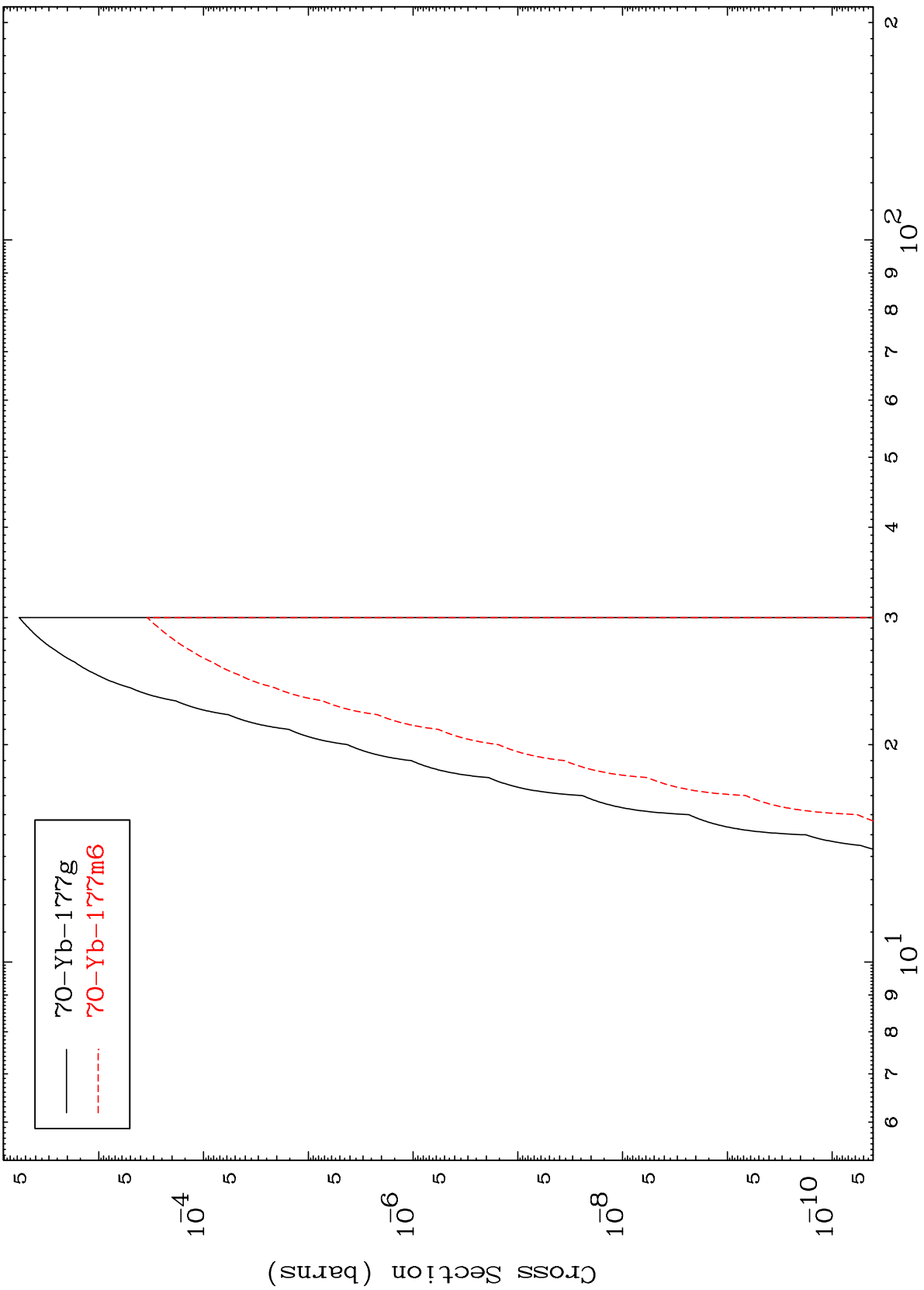
72-Hf-182

MAT 7249

$(n,2n) \alpha$

72-Hf-182

Radionuclide Production Cross Section



107

Incident Energy (MeV)

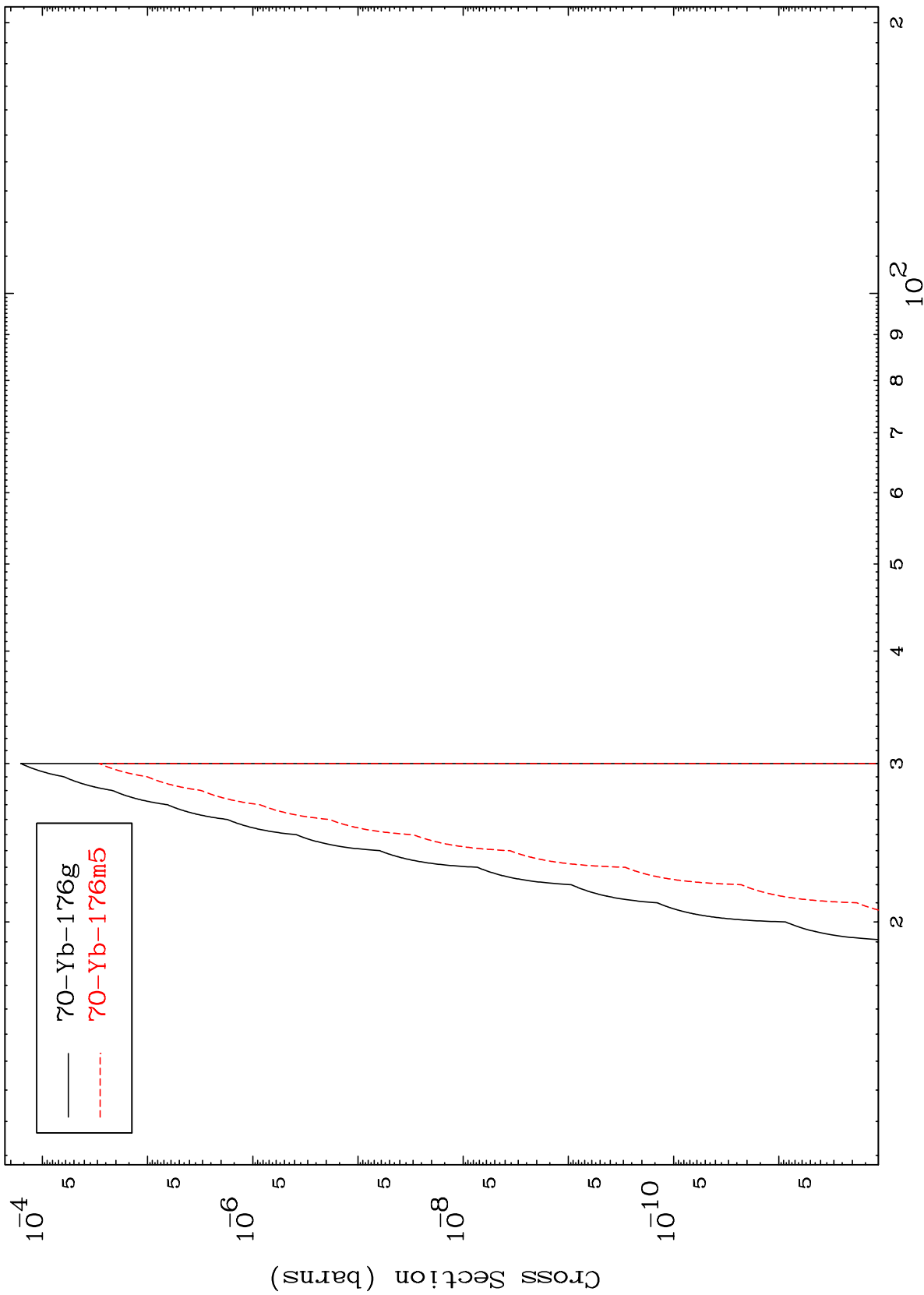
72-Hf-182

MAT 7249

(n,3n) α

72-Hf-182

Radionuclide Production Cross Section



108

Incident Energy (MeV)

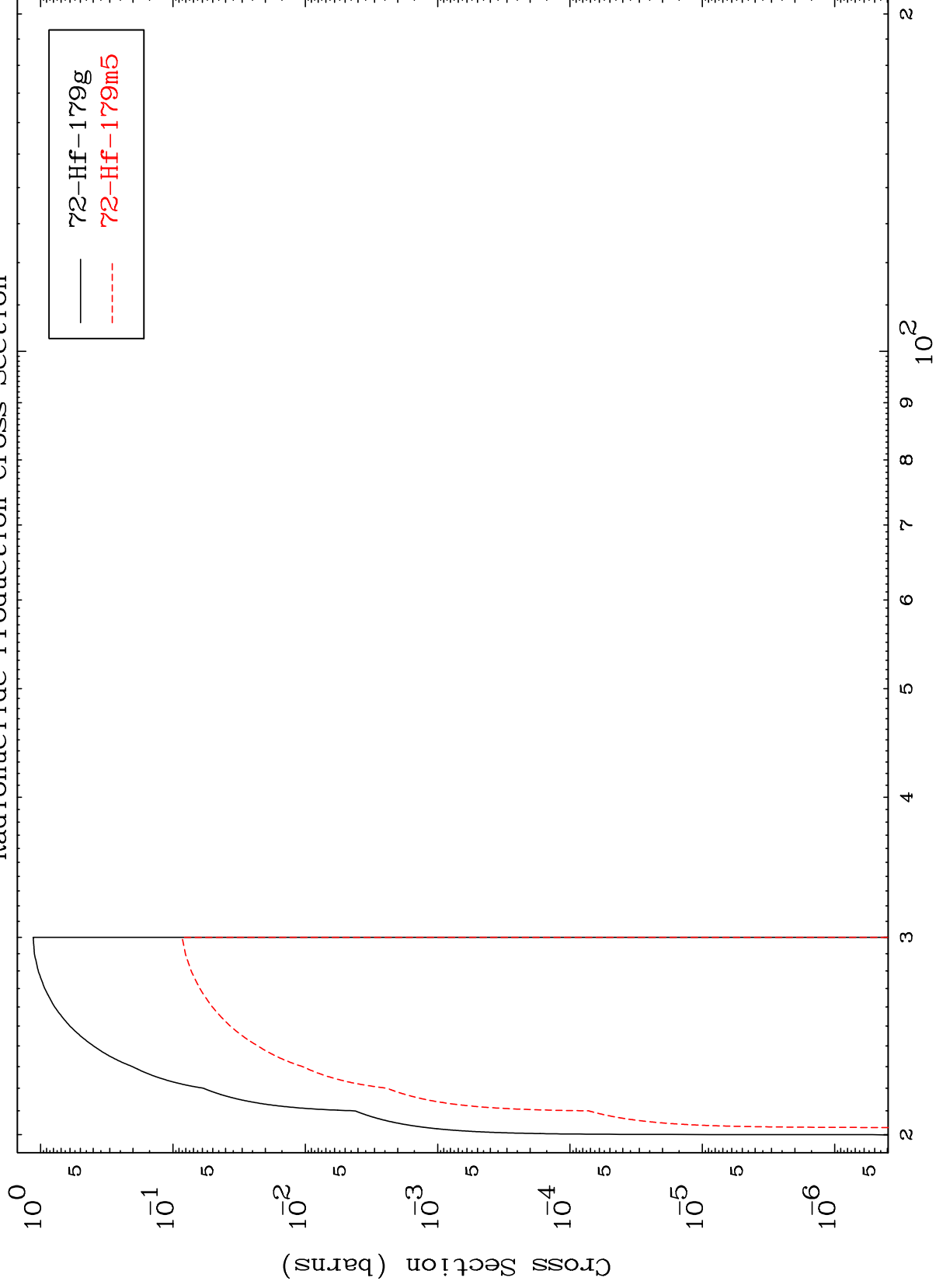
72-Hf-182

MAT 7249

(n,4n)

72-Hf-182

Radionuclide Production Cross Section



109

Incident Energy (MeV)

72-Hf-182