

Program EVALPLOT
(Version 2015-2)

by

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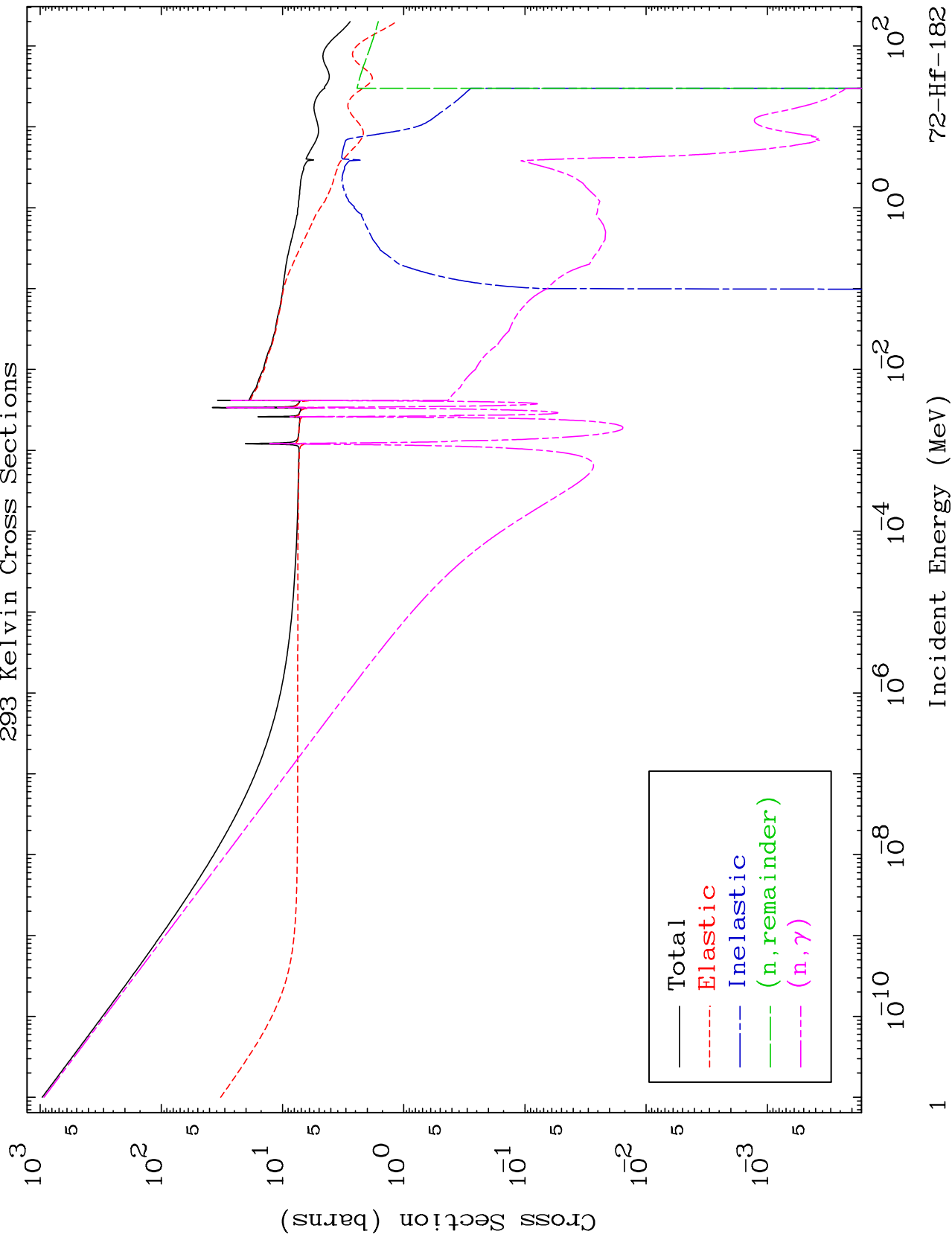
Press Mouse Button to Start

MAT 7249

Major

293 Kelvin Cross Sections

72-Hf-182



1

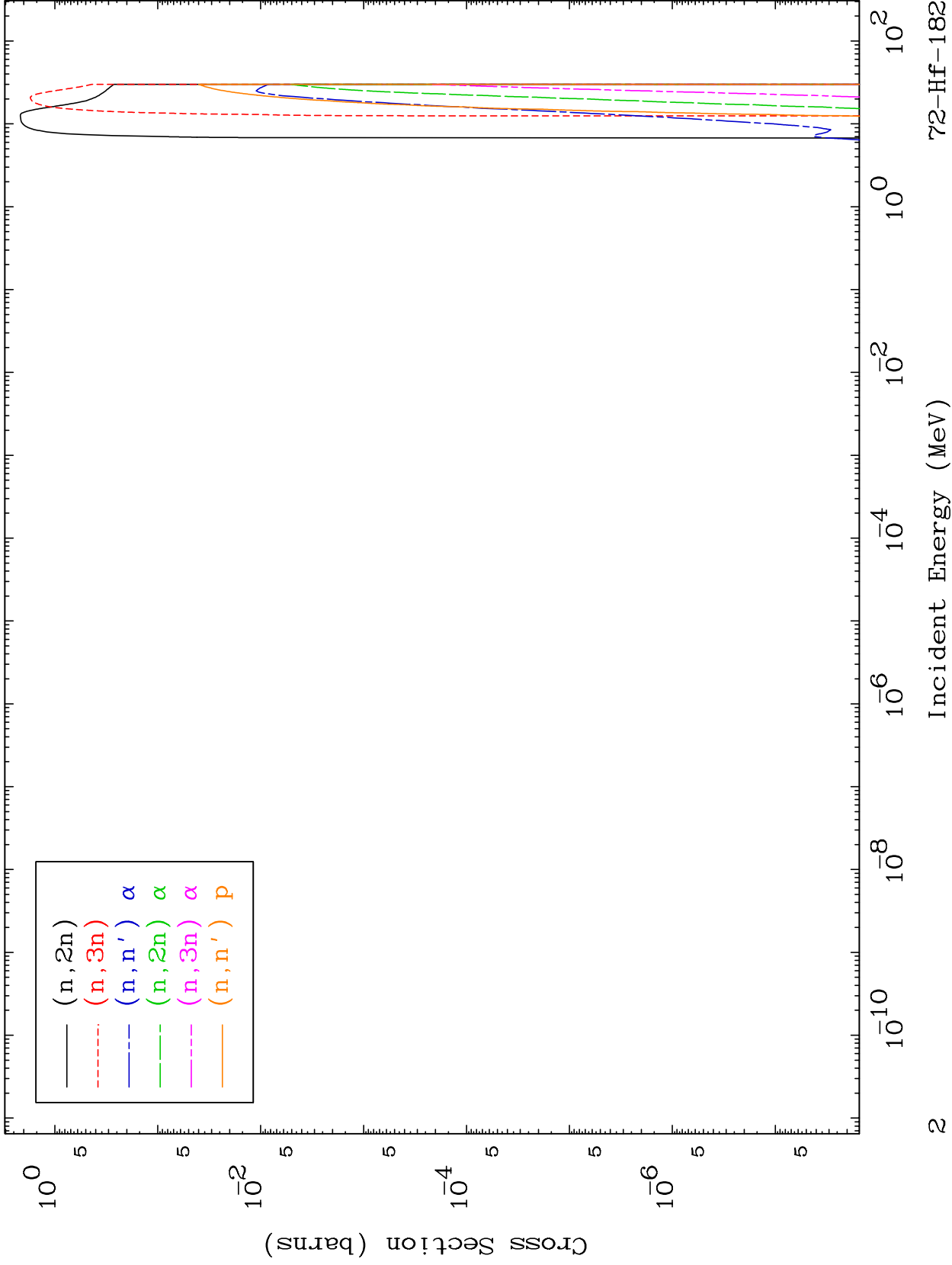
Incident Energy (MeV)

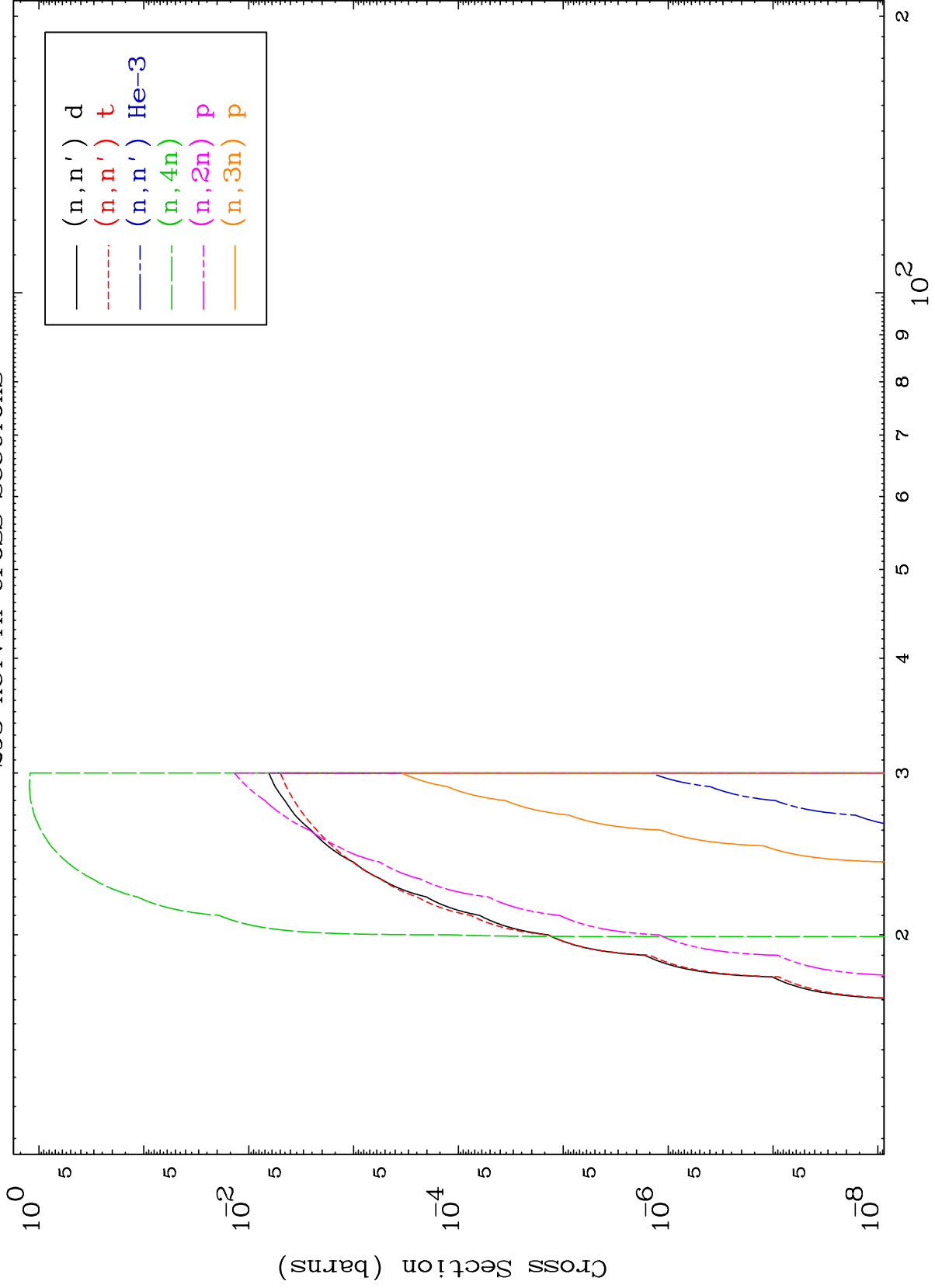
72-Hf-182

MAT 7249

Neutron Production
293 Kelvin Cross Sections

72-Hf-182

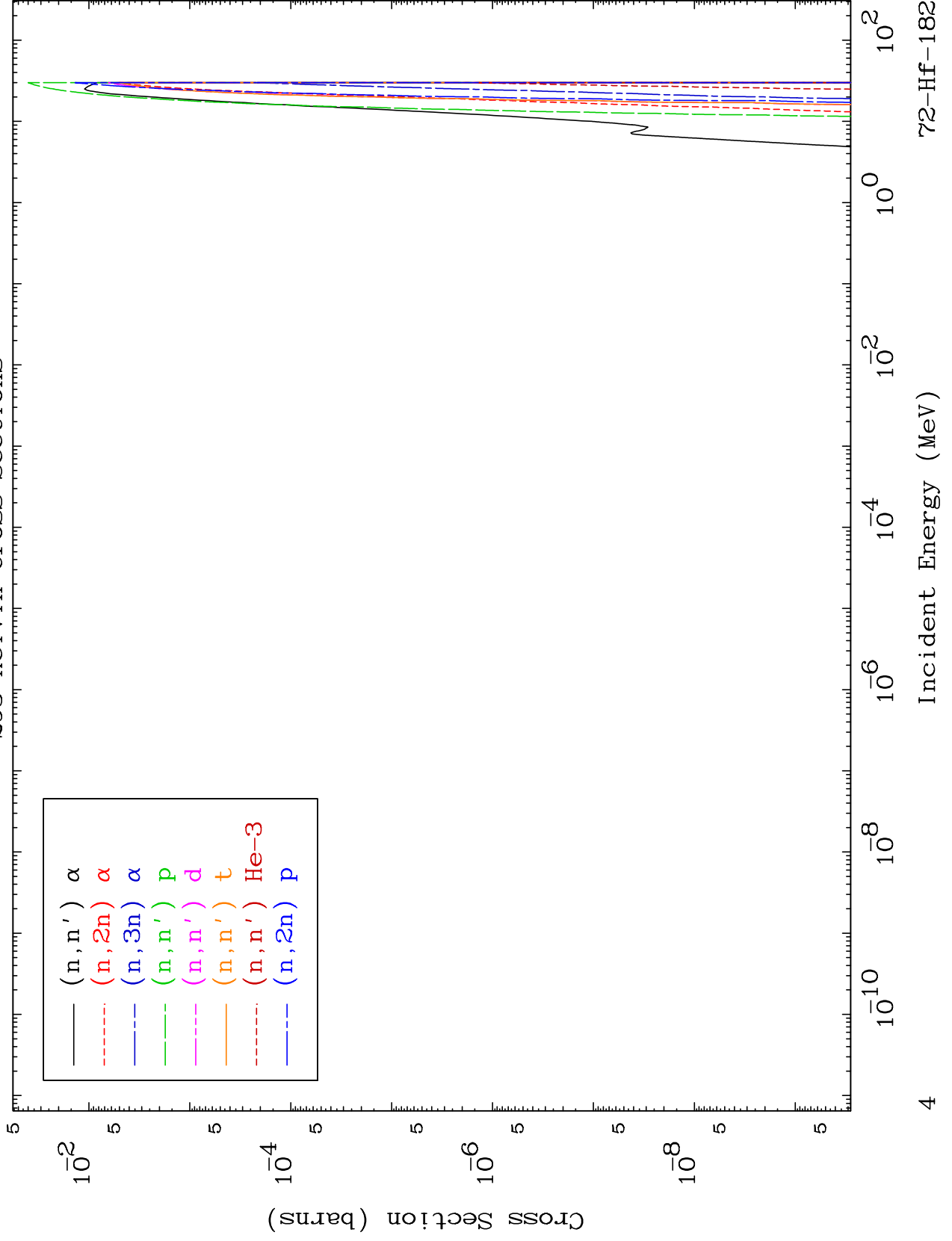




MAT 7249

Charged Particle
293 Kelvin Cross Sections

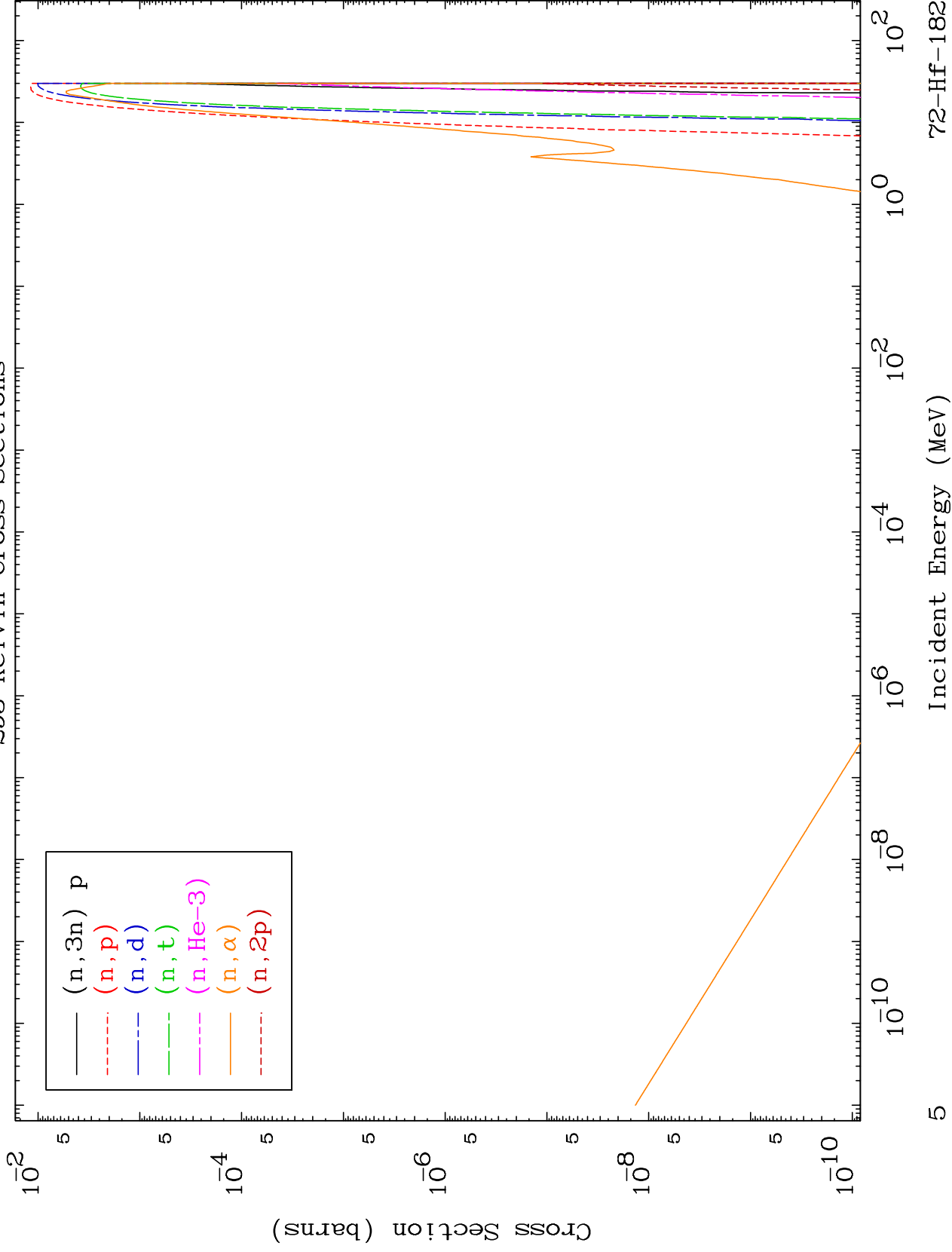
72-Hf-182



MAT 7249

Charged Particle
293 Kelvin Cross Sections

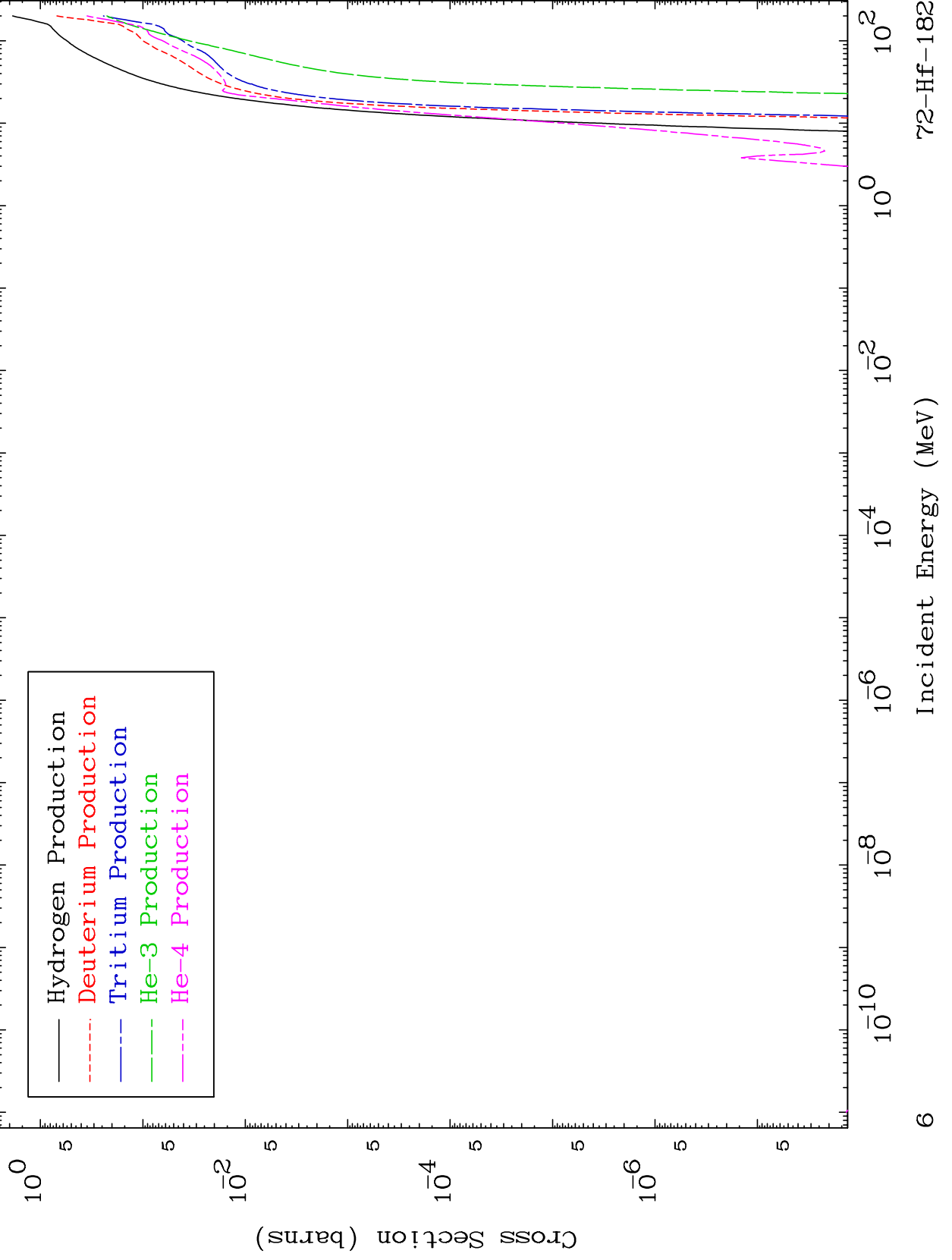
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MAT 7249

Particle Production
293 Kelvin Cross Sections

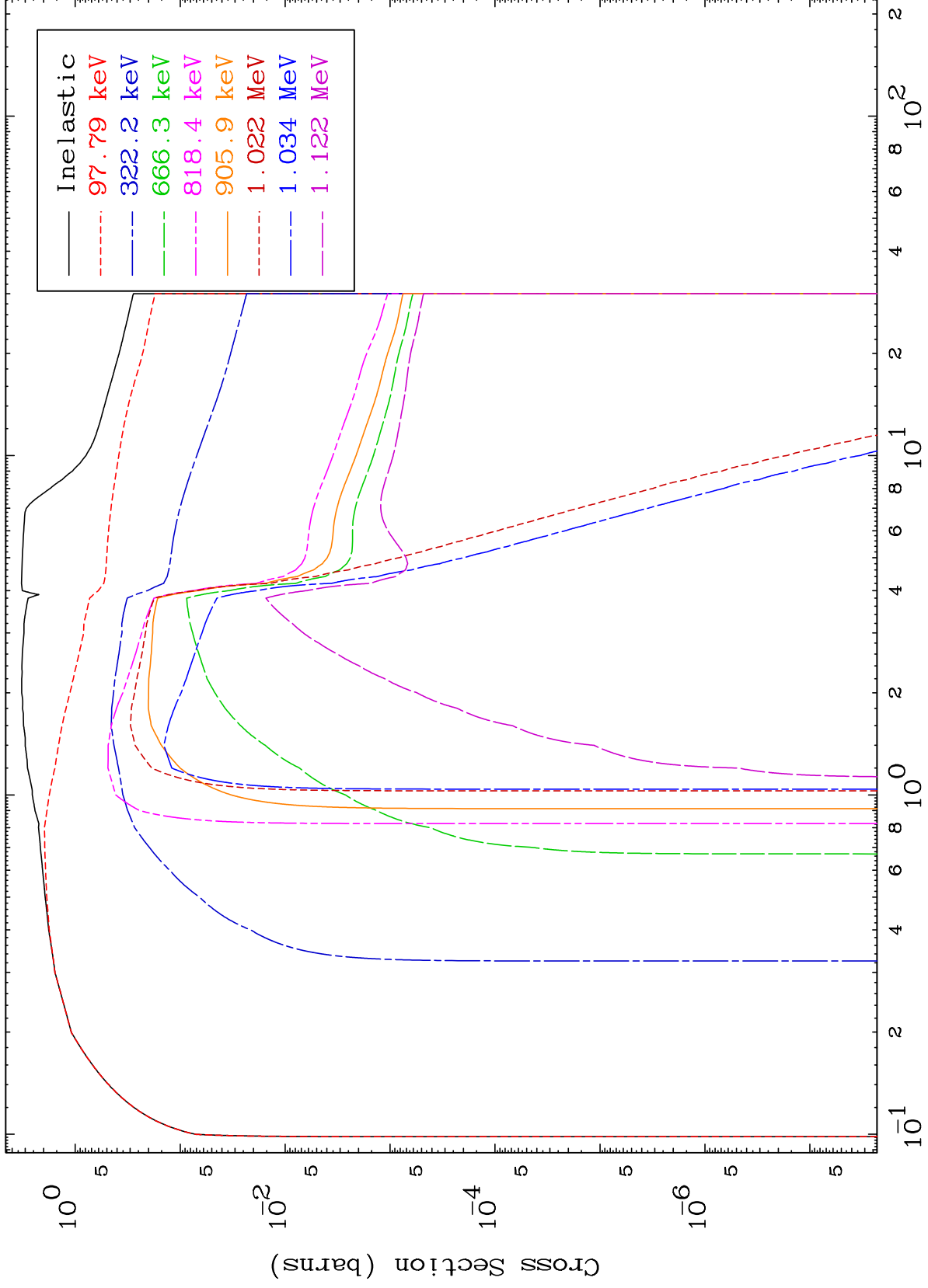
72-Hf-182



MAT 7249

(n,n') Level
293 Kelvin Cross Sections

72-Hf-182



Incident Energy (MeV)

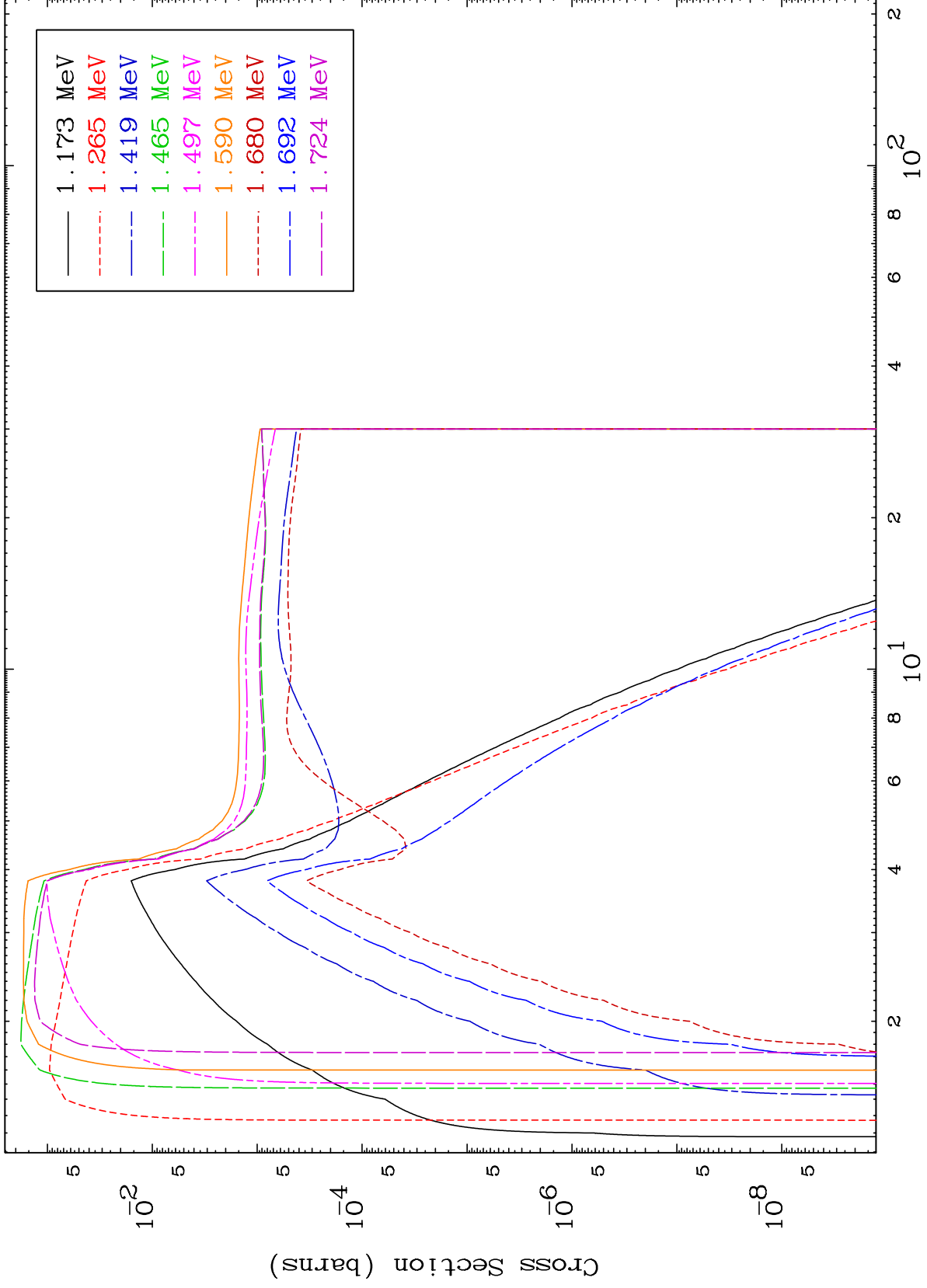
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7

MAT 7249

(n,n') Level
293 Kelvin Cross Sections

72-Hf-182



8

Incident Energy (MeV)

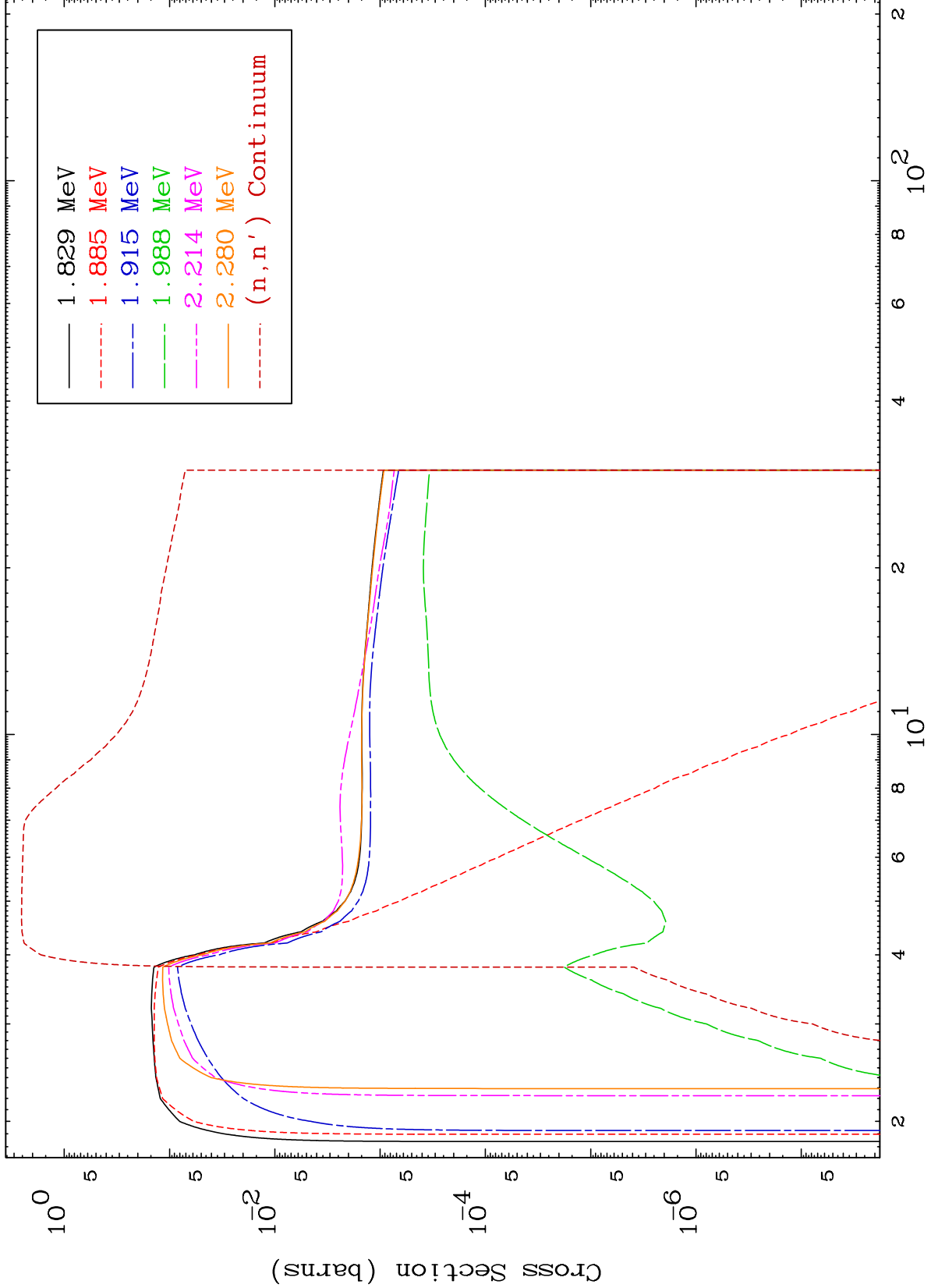
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MAT 7249

(n,n') Level

72-Hf-182

293 Kelvin Cross Sections



9

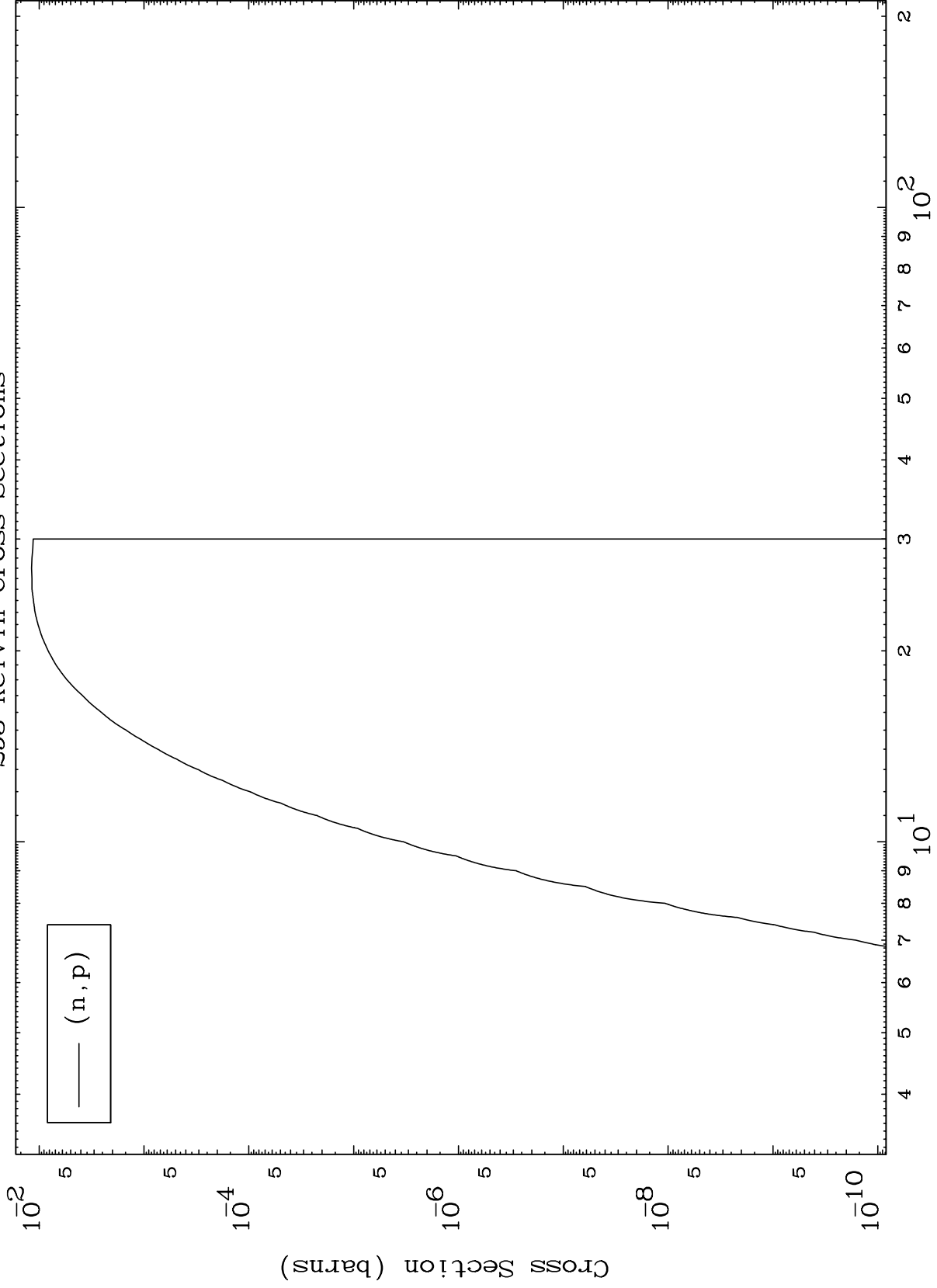
Incident Energy (MeV)

72-Hf-182

MAT 7249

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-182



10

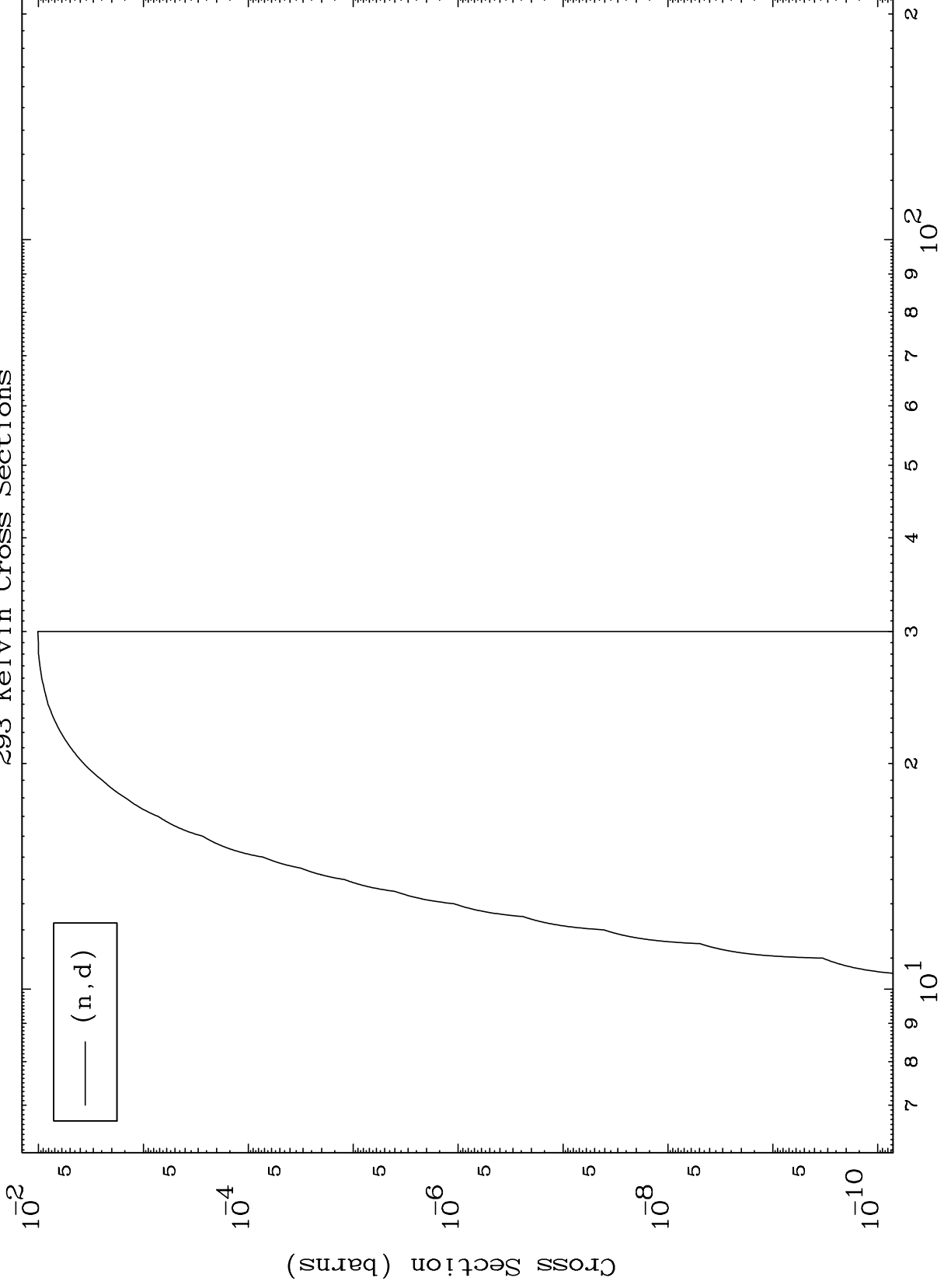
Incident Energy (MeV)

72-Hf-182

MAT 7249

(n,d) Levels
293 Kelvin Cross Sections

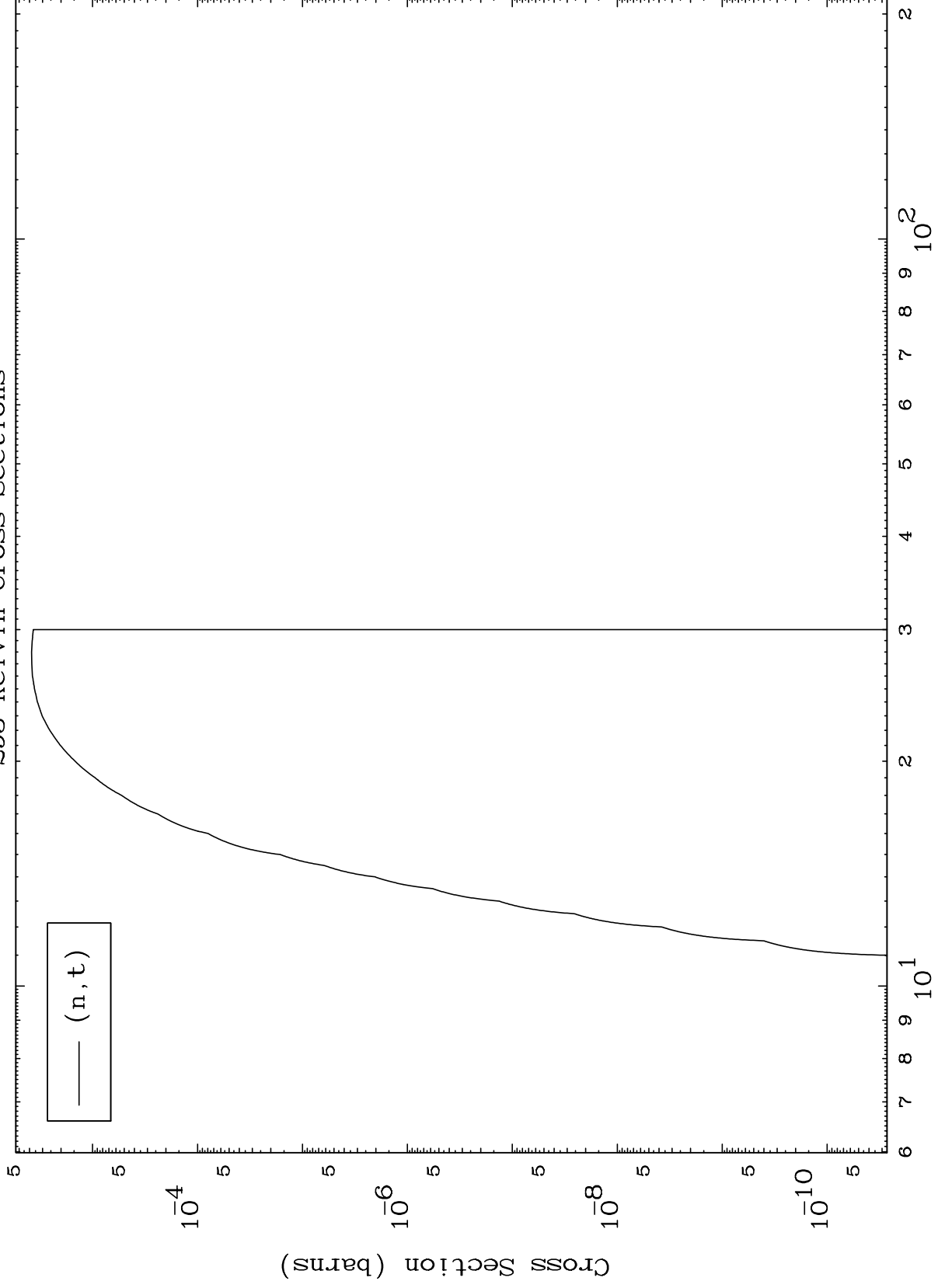
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MAT 7249

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-182



12

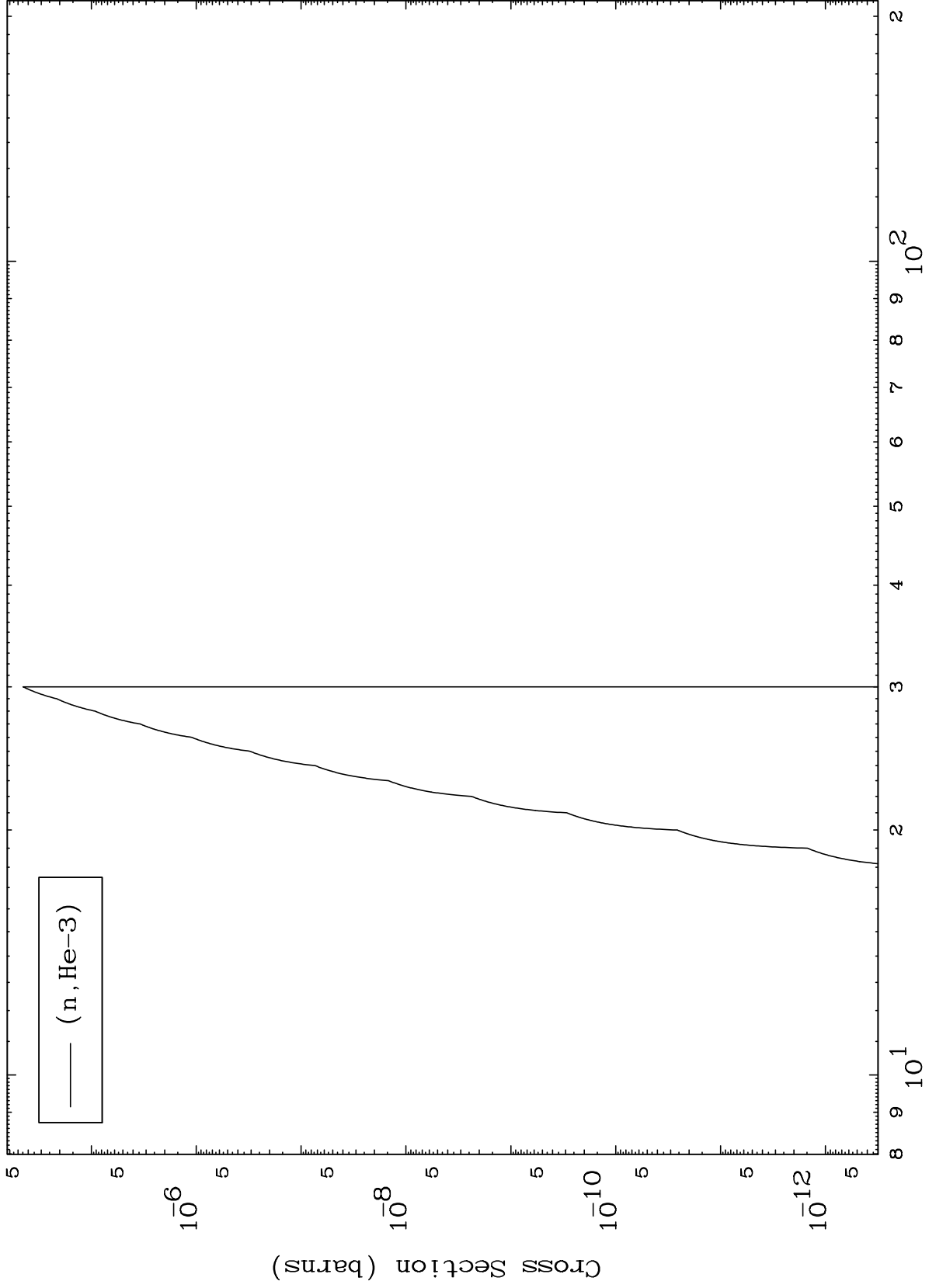
Incident Energy (MeV)

72-Hf-182

MAT 7249

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-182



13

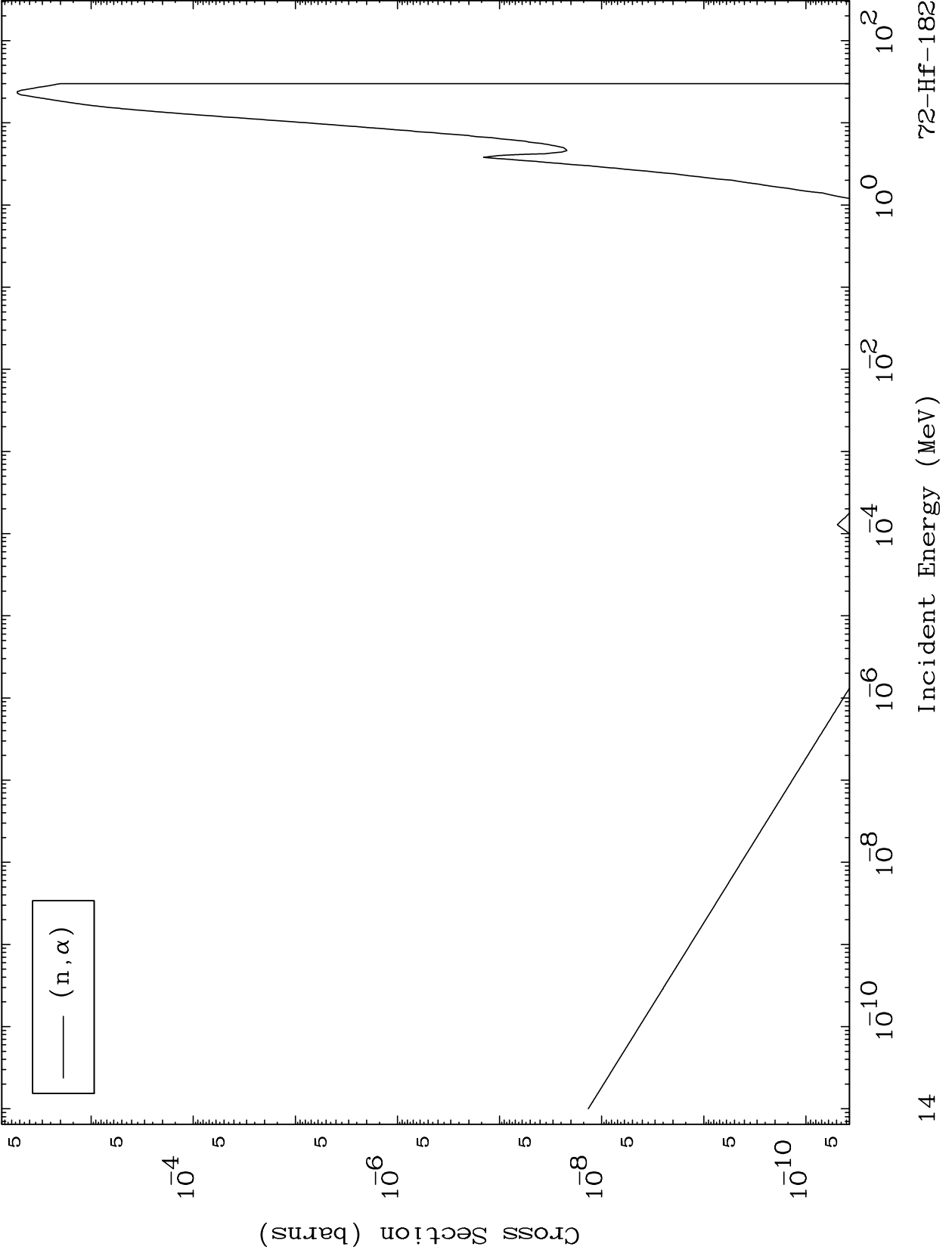
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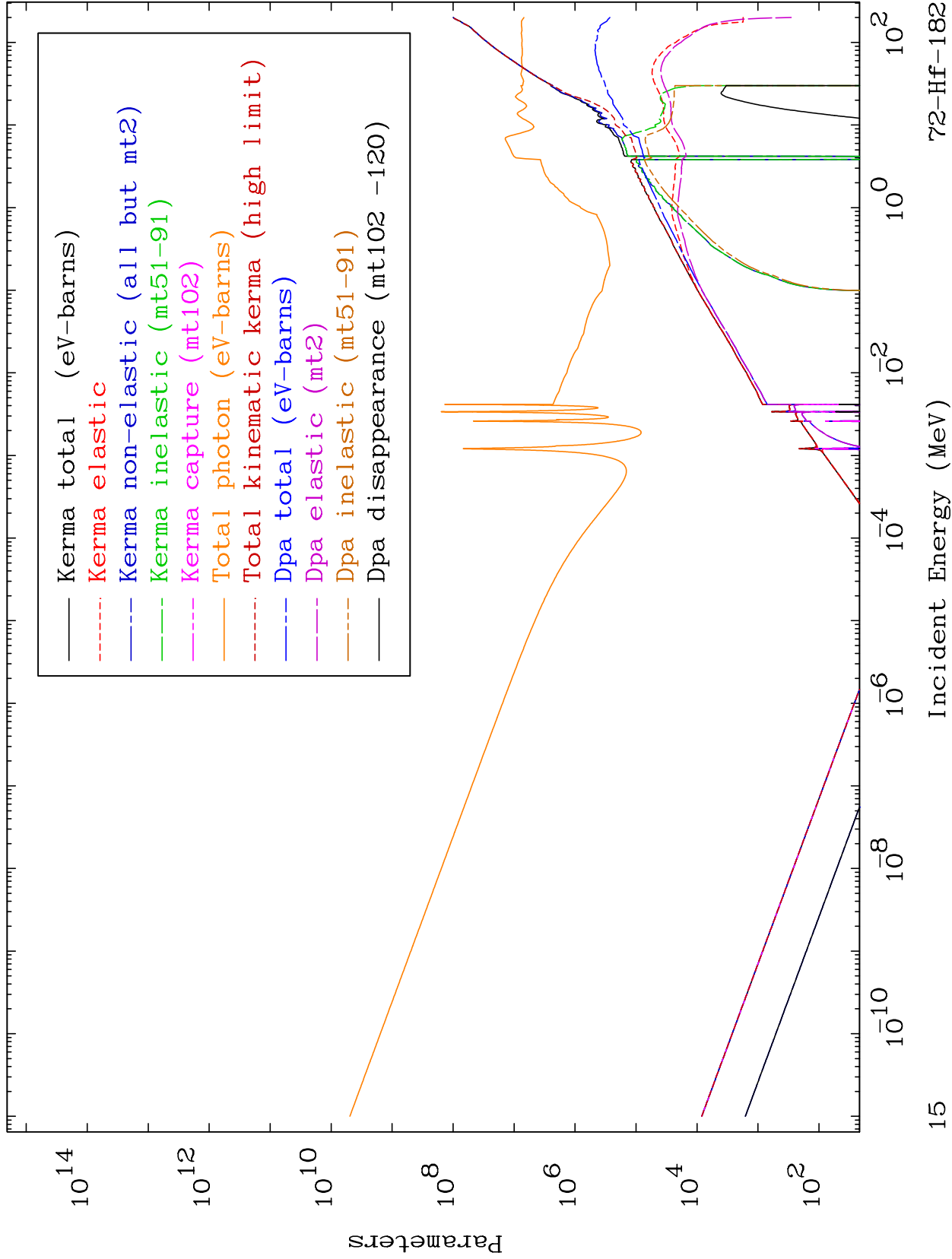
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MAT 7249

(n, α) Levels
293 Kelvin Cross Sections

72-Hf-182

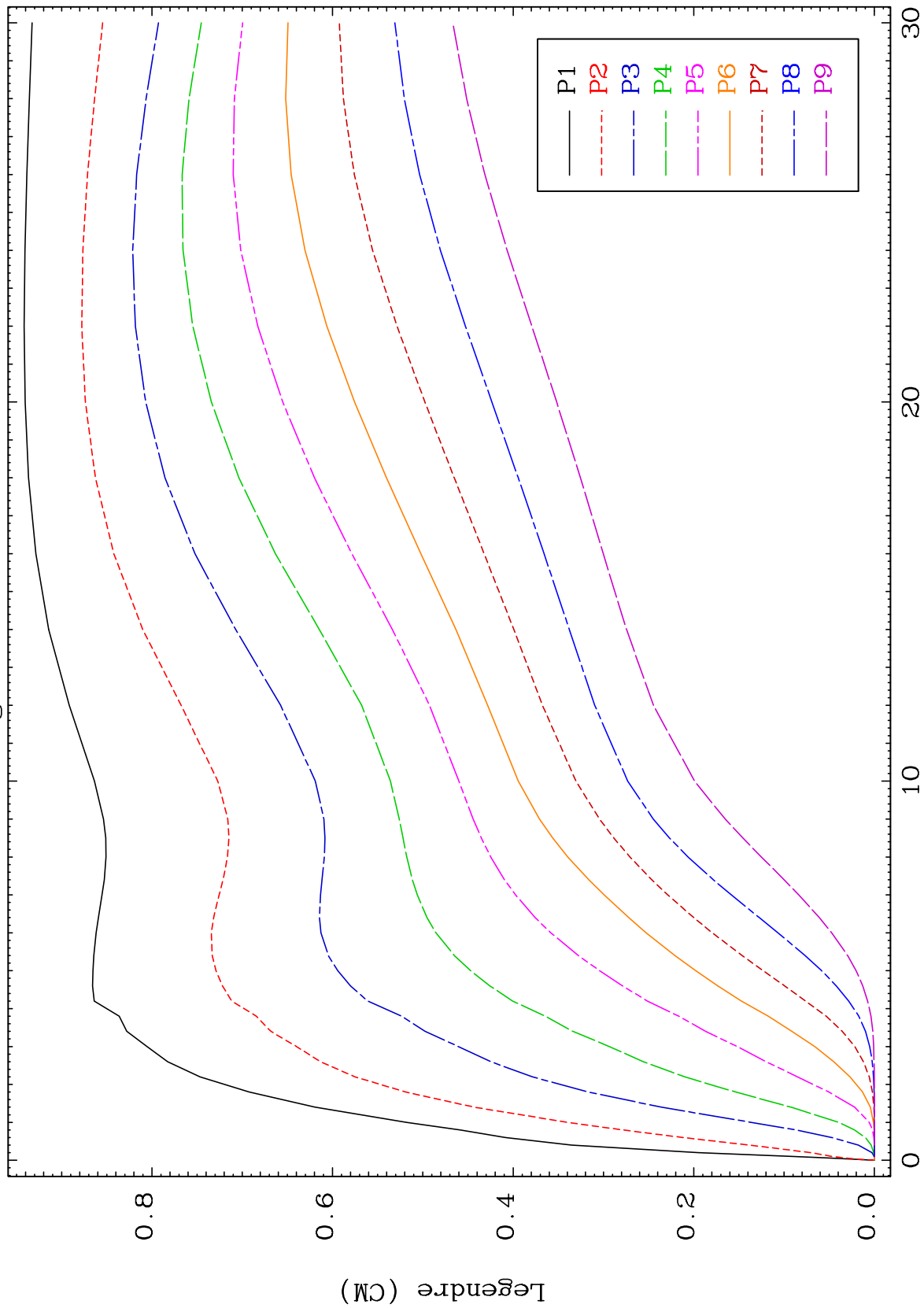




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Elastic Legendre Coefficients

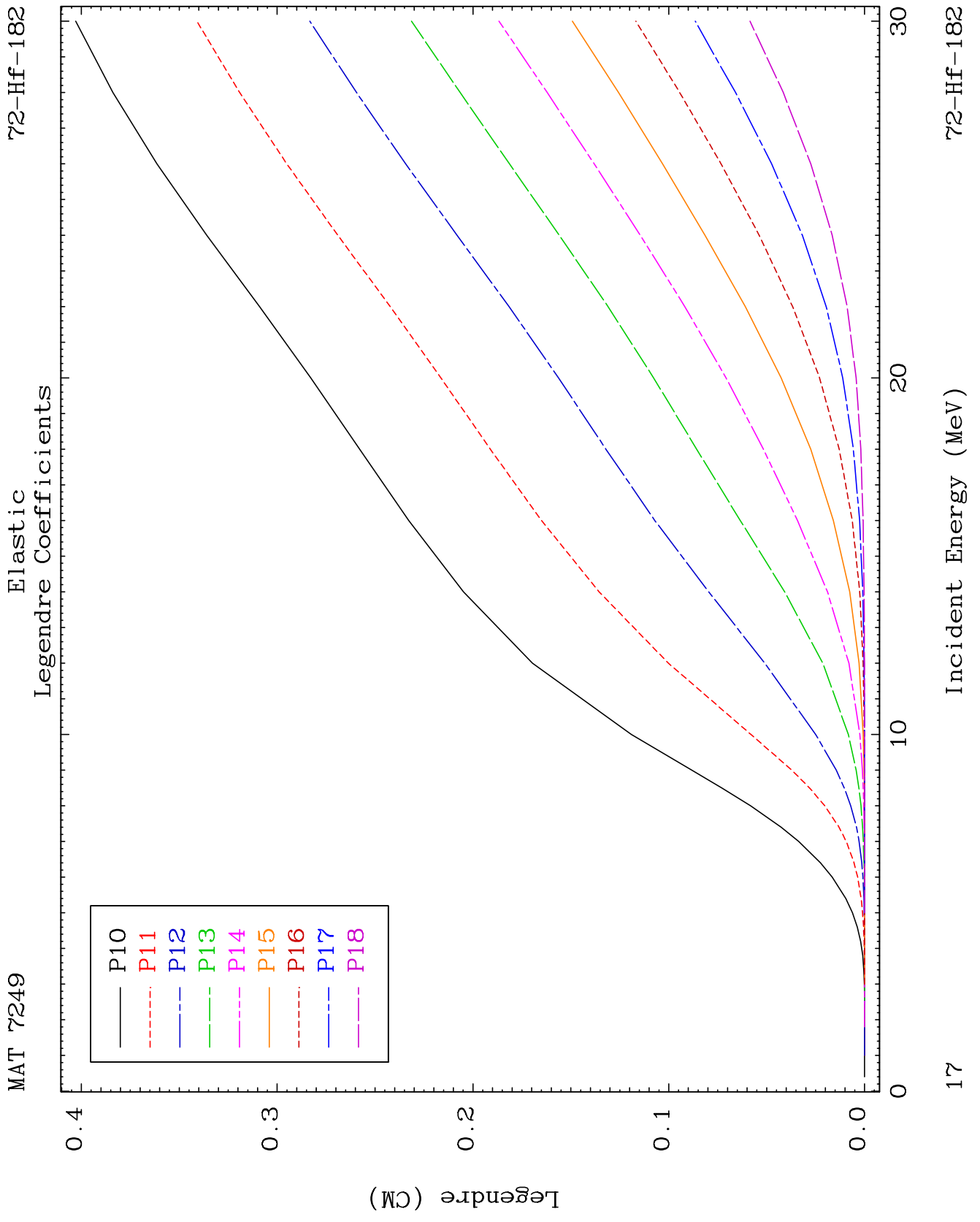
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16

Incident Energy (MeV)

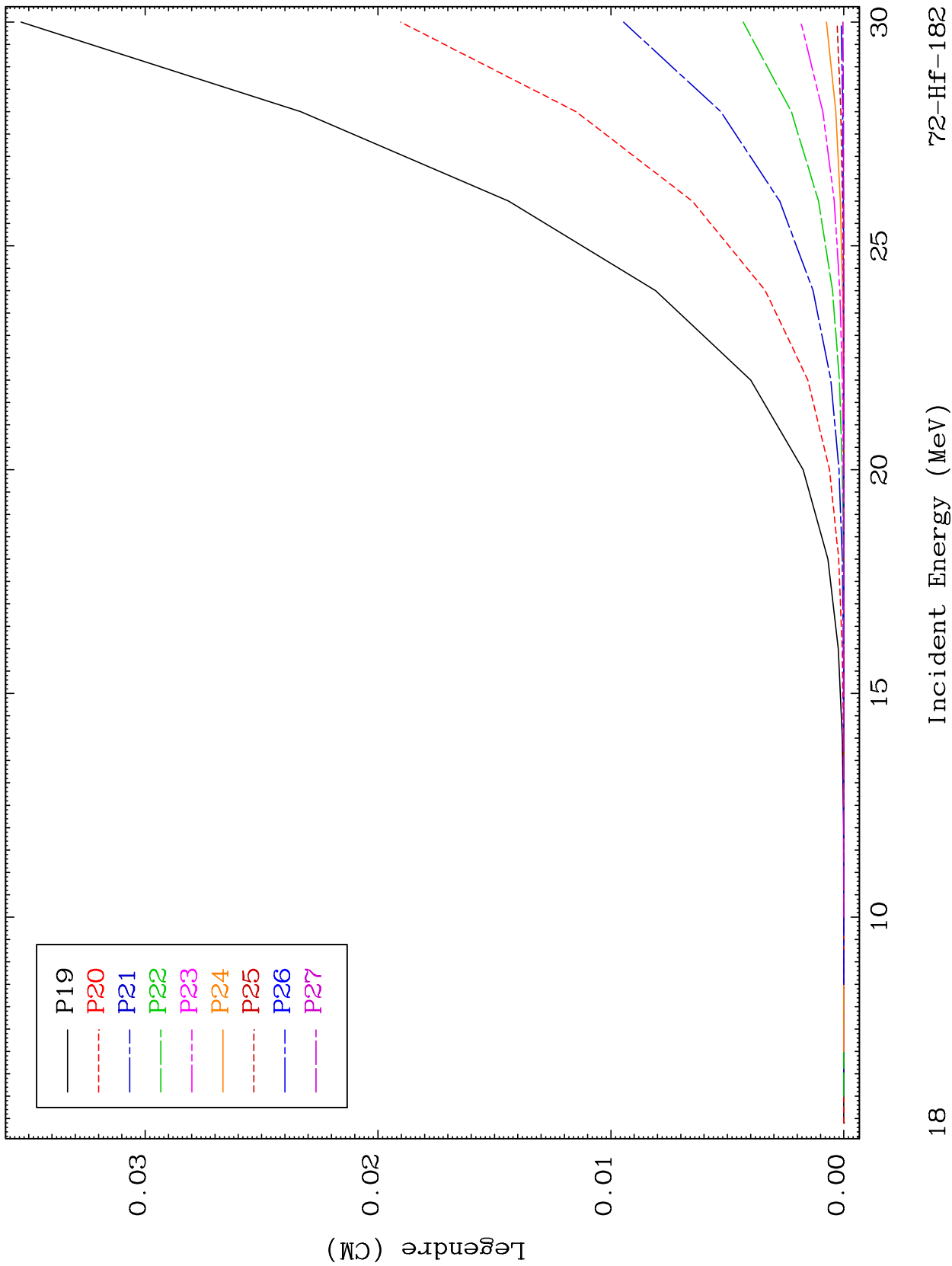
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MAT 7249

Elastic Legendre Coefficients

72-Hf-182



18

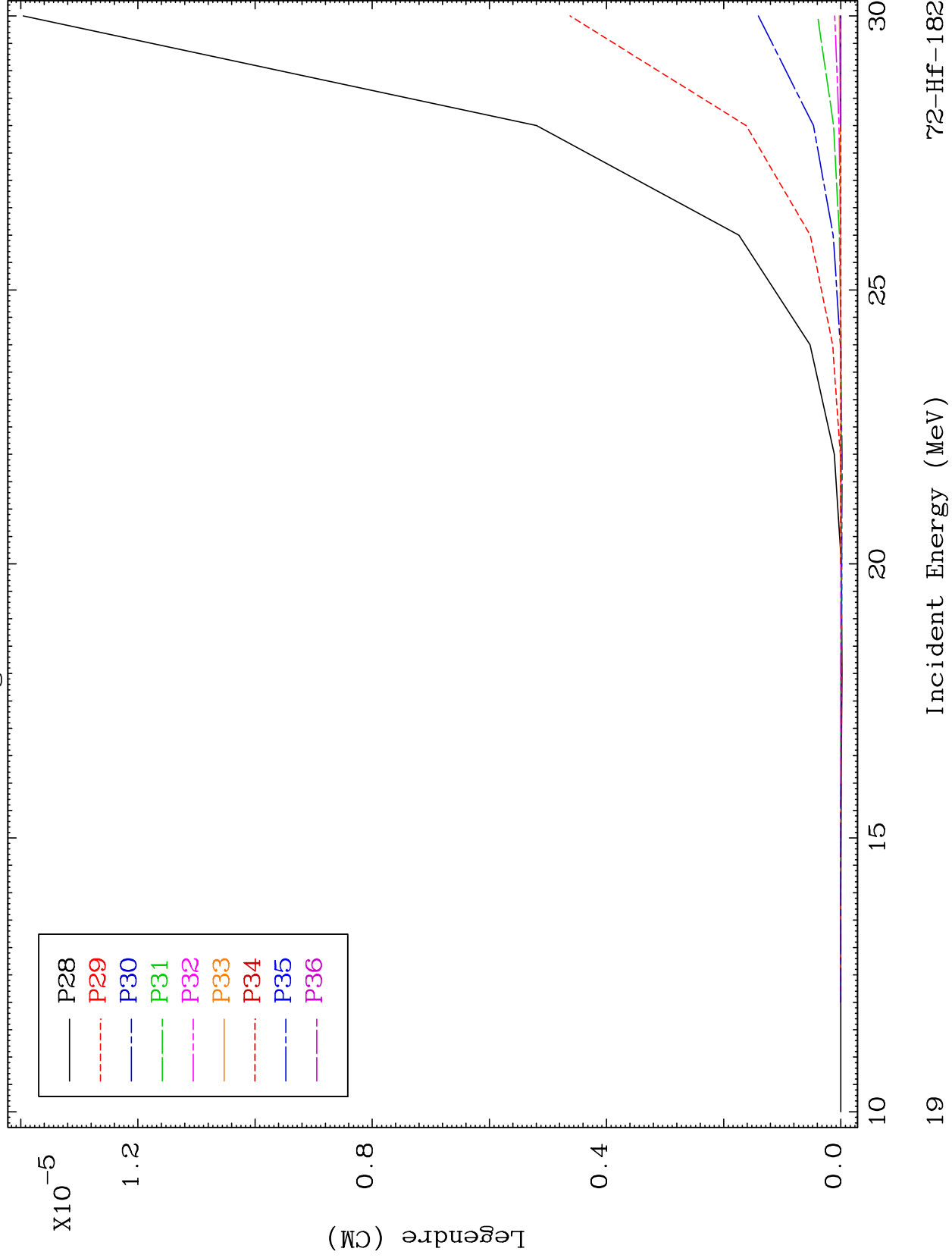
Incident Energy (MeV)

72-Hf-182

MAT 7249

Elastic Legendre Coefficients

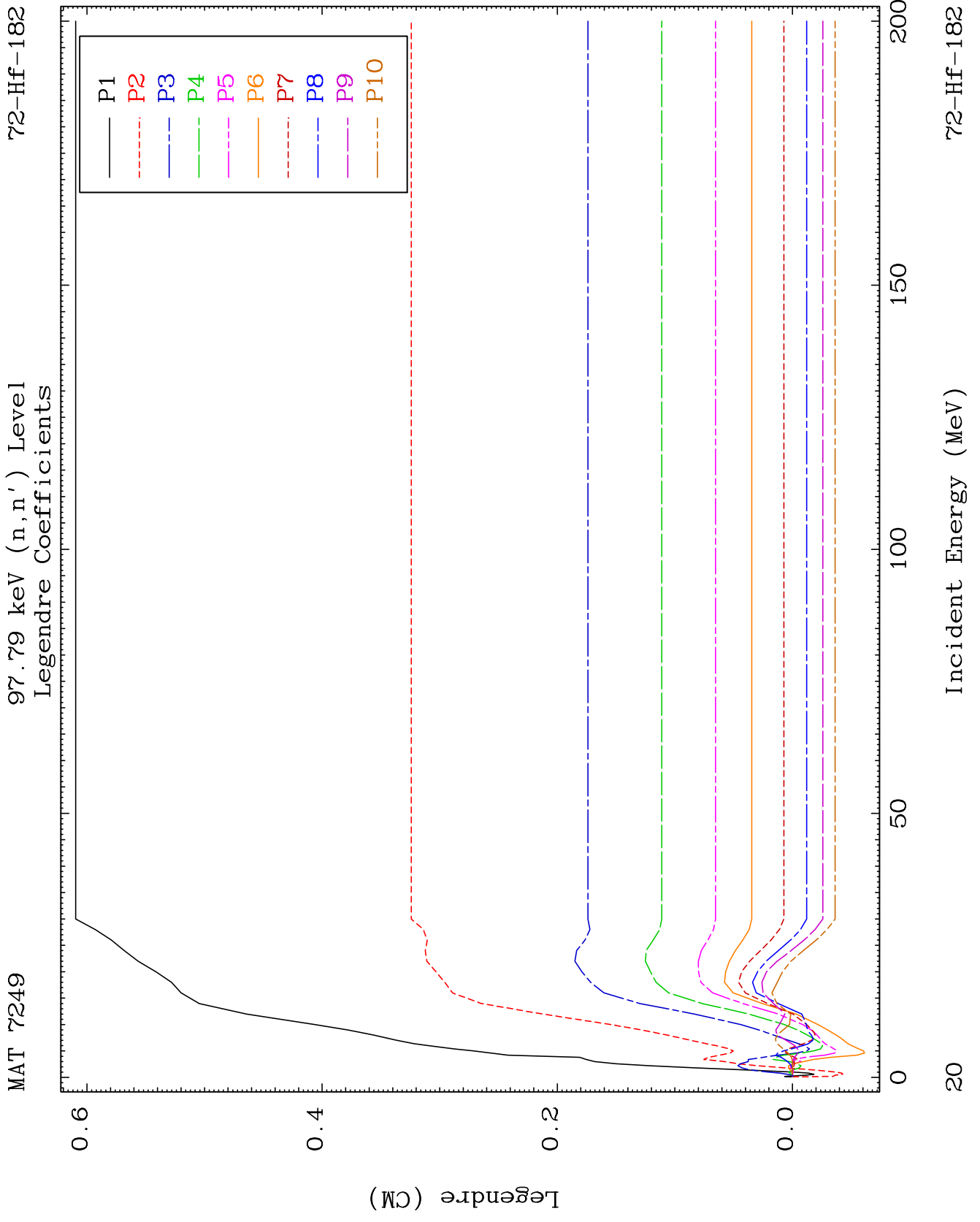
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19

Incident Energy (MeV)

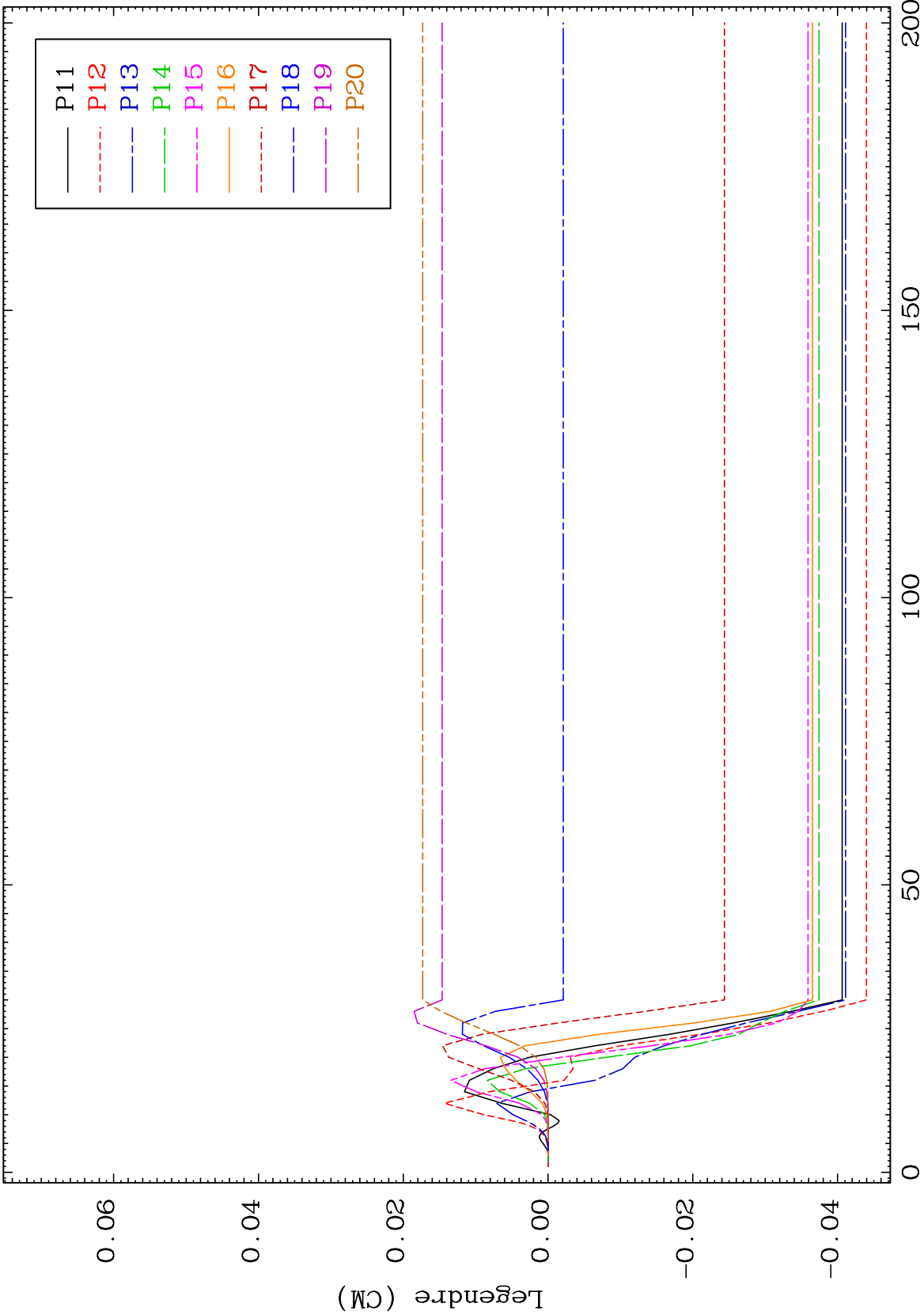
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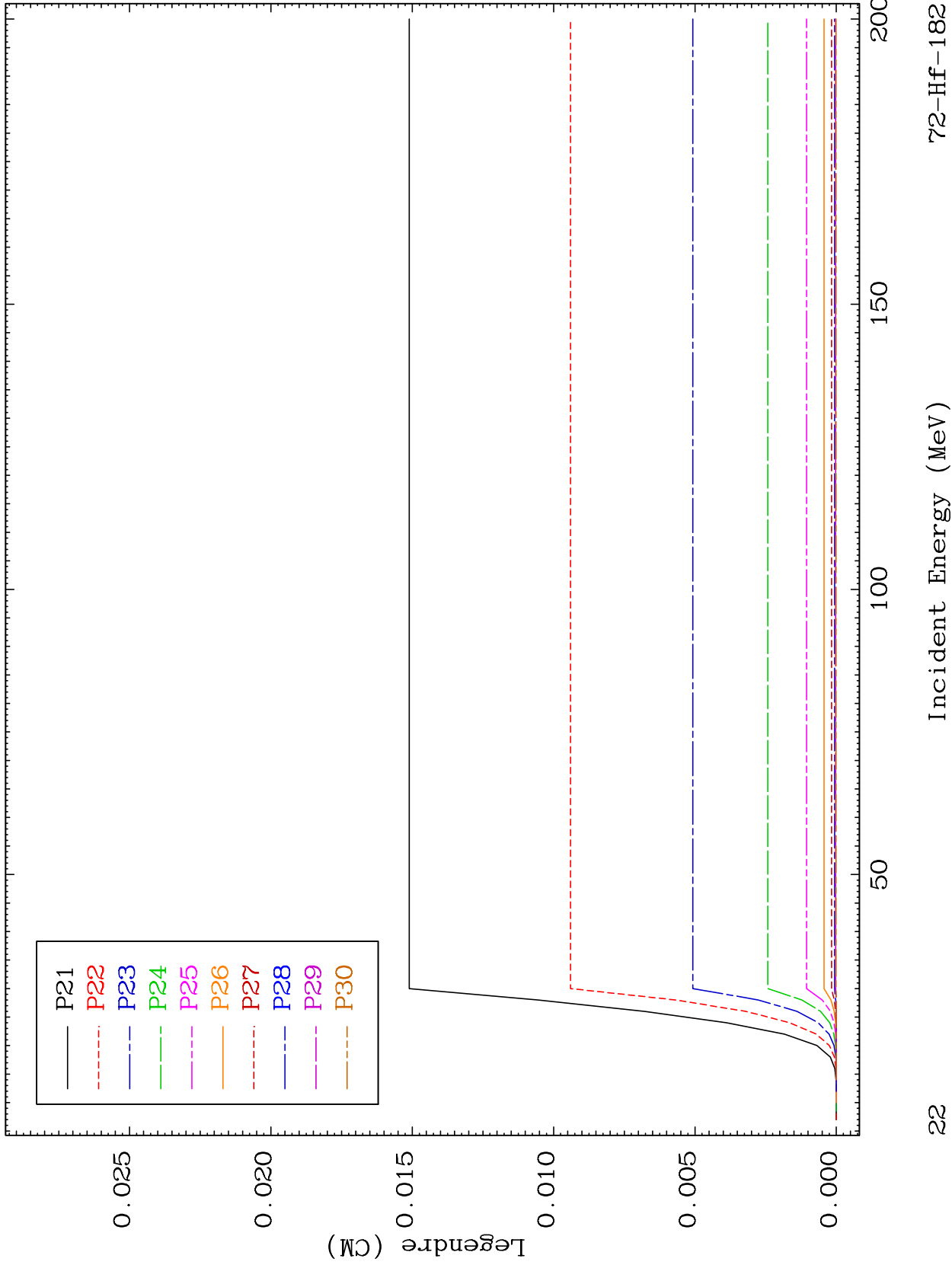


MAT 7249

97.79 keV (n,n') Level
Legendre Coefficients

72-Hf-182

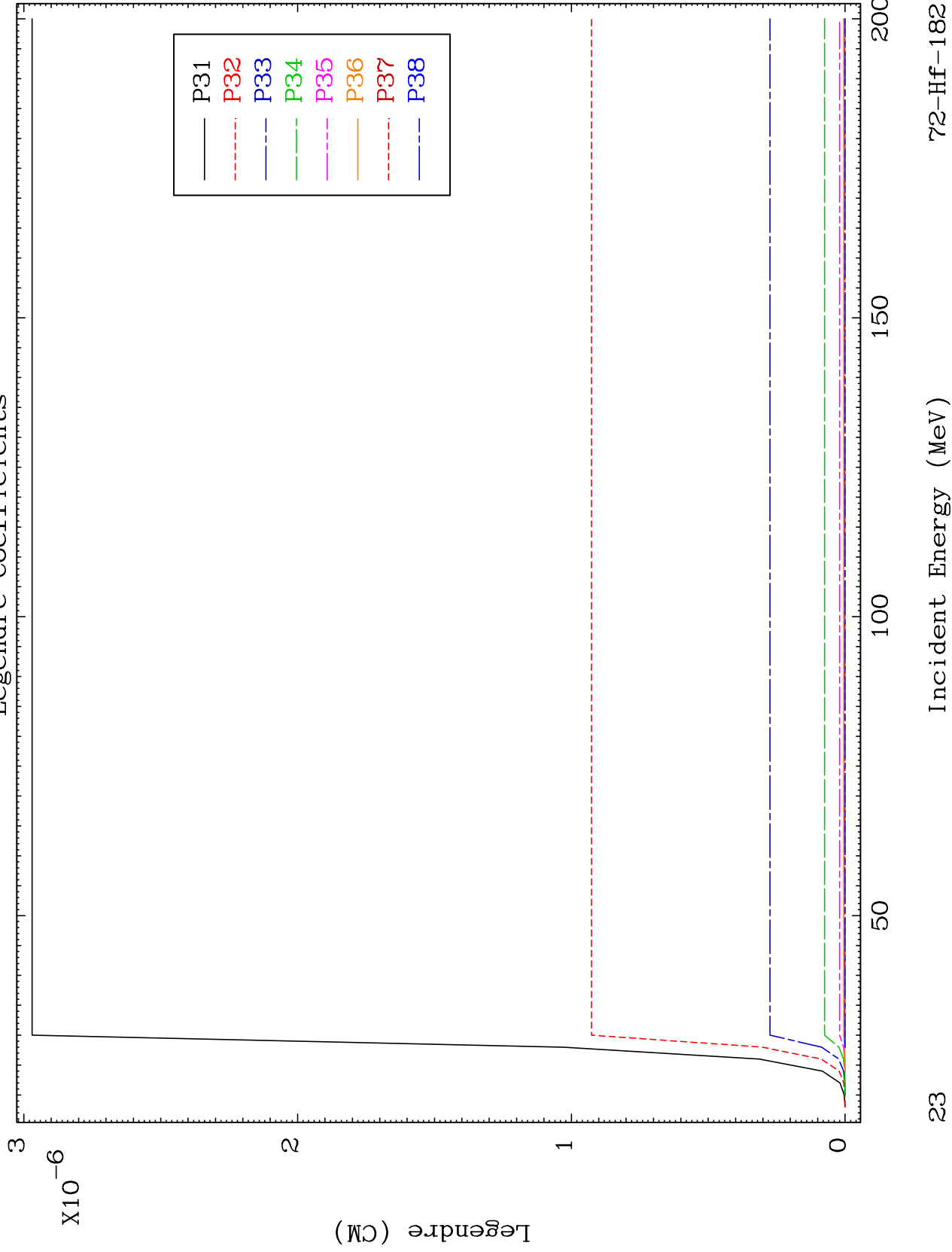




MAT 7249

97.79 keV (n,n') Level
Legendre Coefficients

72-Hf-182

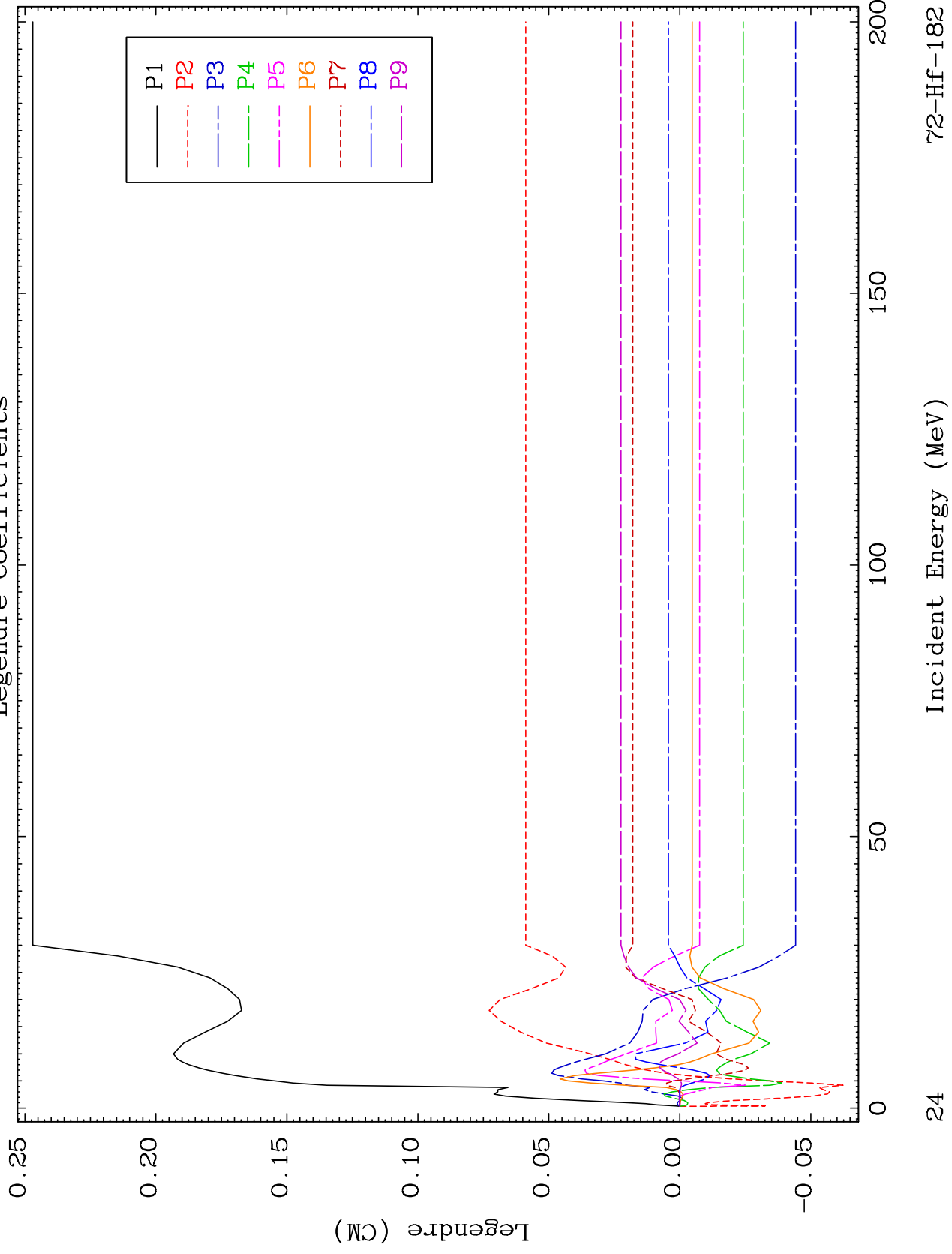


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MAT 7249

322.2 keV (n,n') Level Legendre Coefficients

72-Hf-182



24

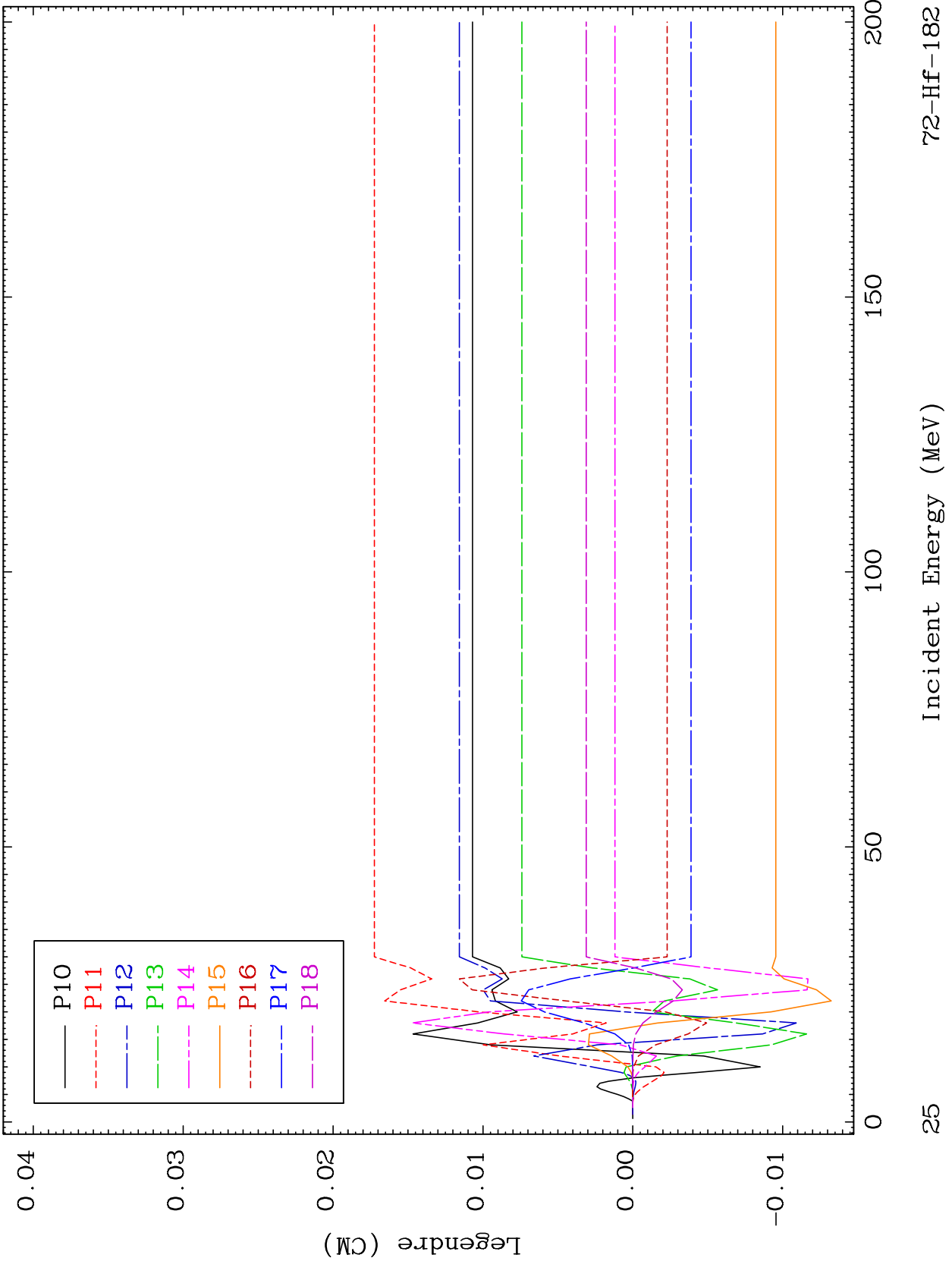
Incident Energy (MeV)

72-Hf-182

MAT 7249

322.2 keV (n,n') Level
Legendre Coefficients

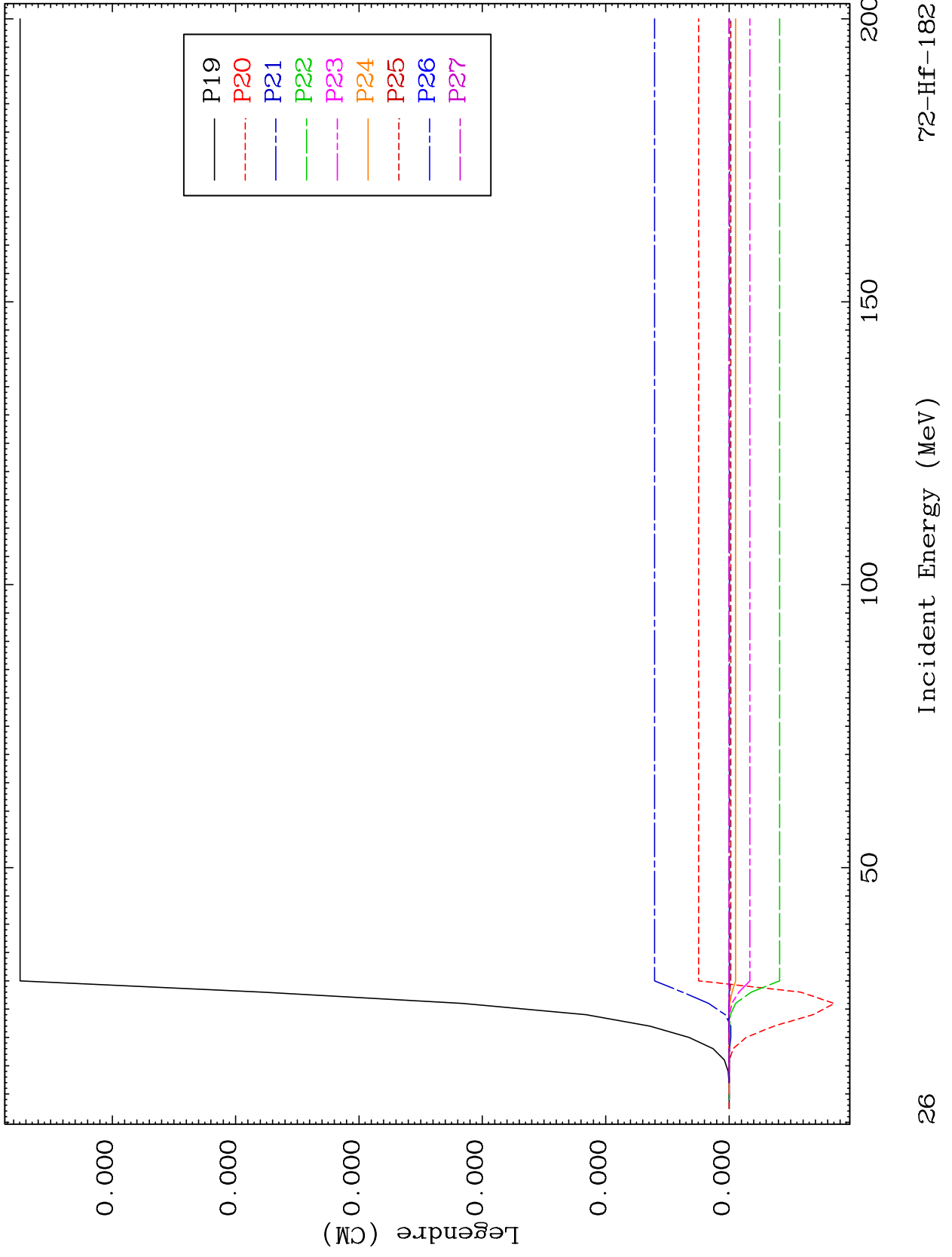
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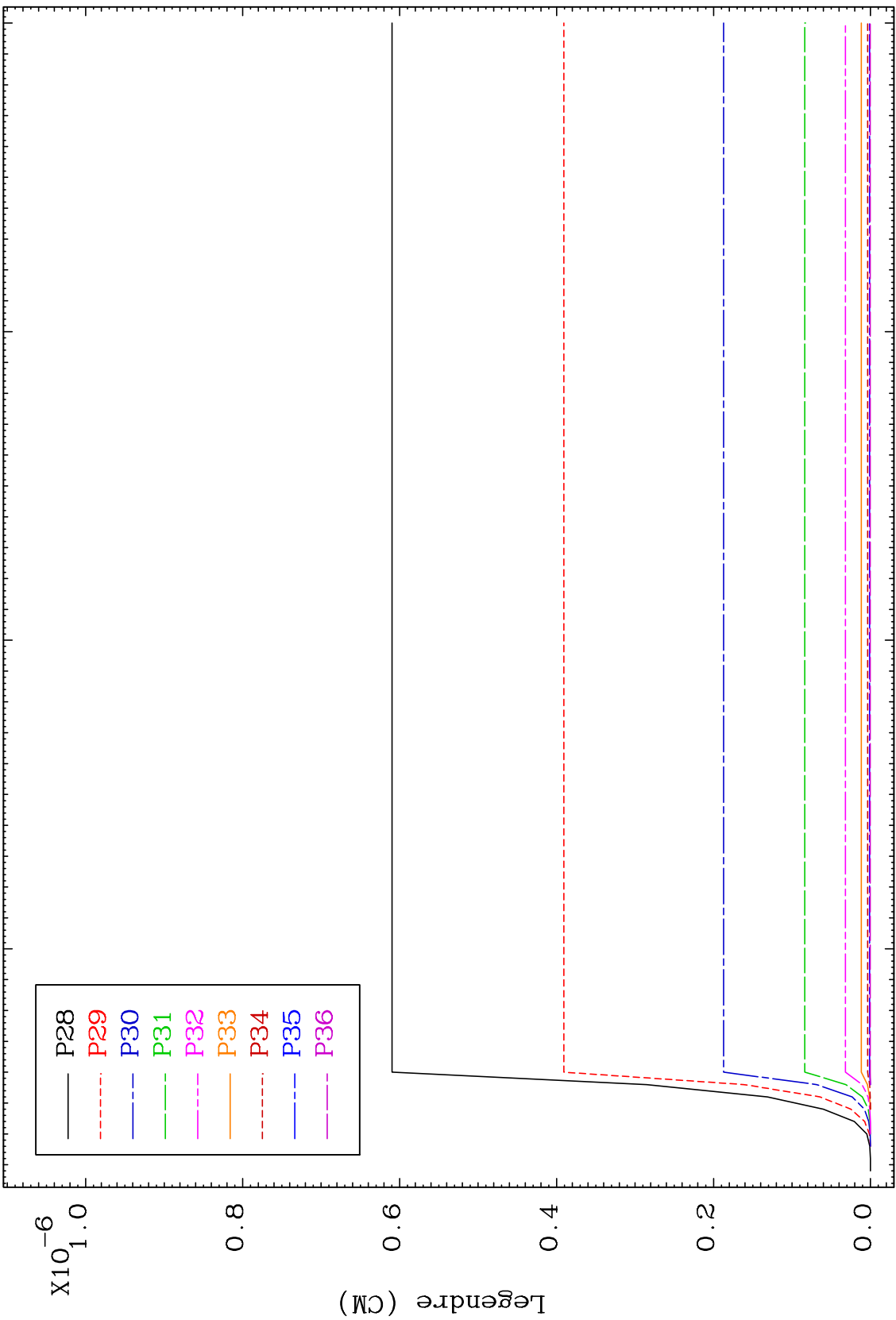
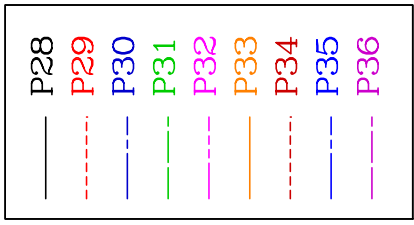


72-Hf-182

Incident Energy (MeV)

25

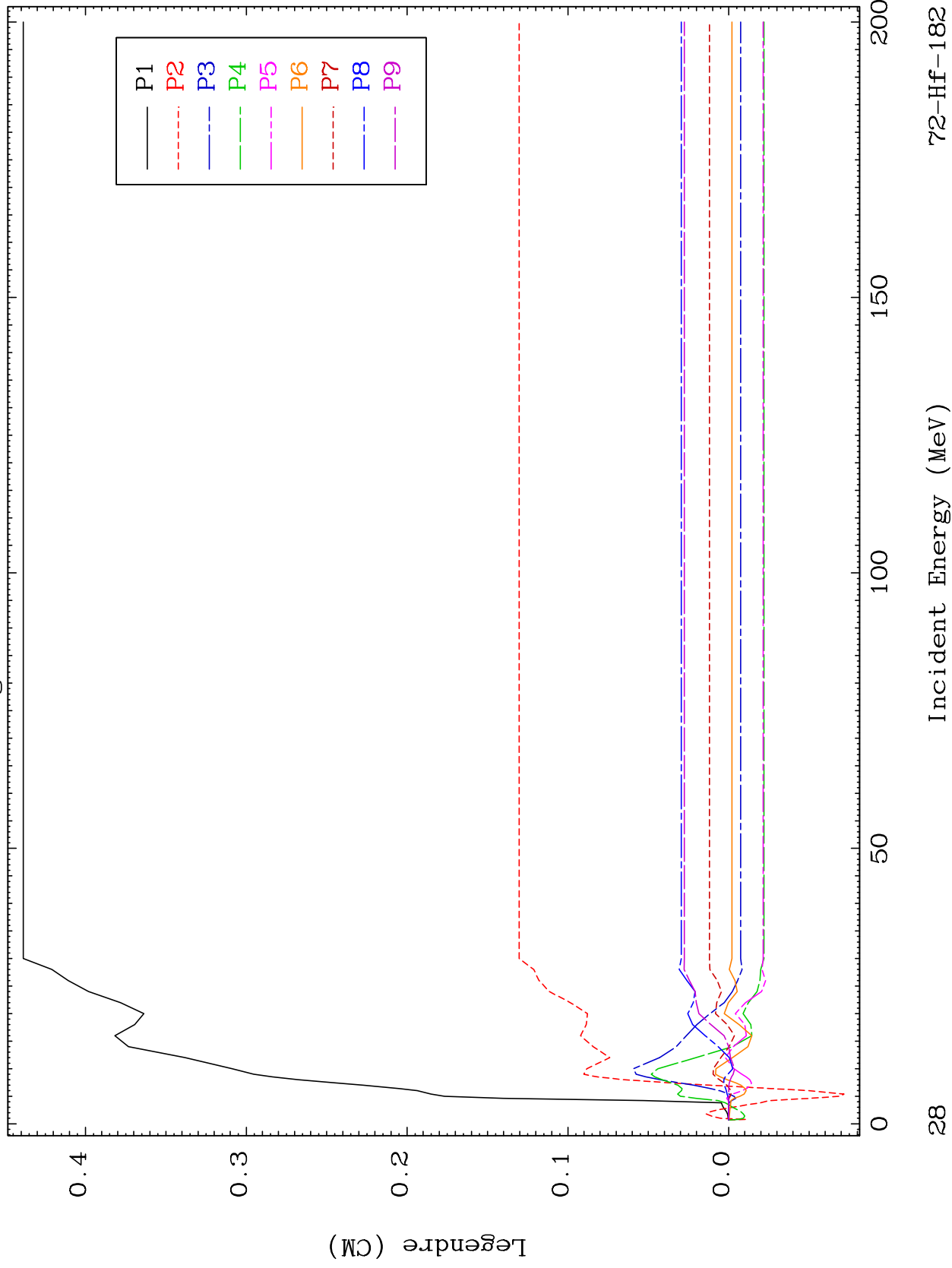




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666.3 keV (n,n') Level
Legendre Coefficients

72-Hf-182



72-Hf-182

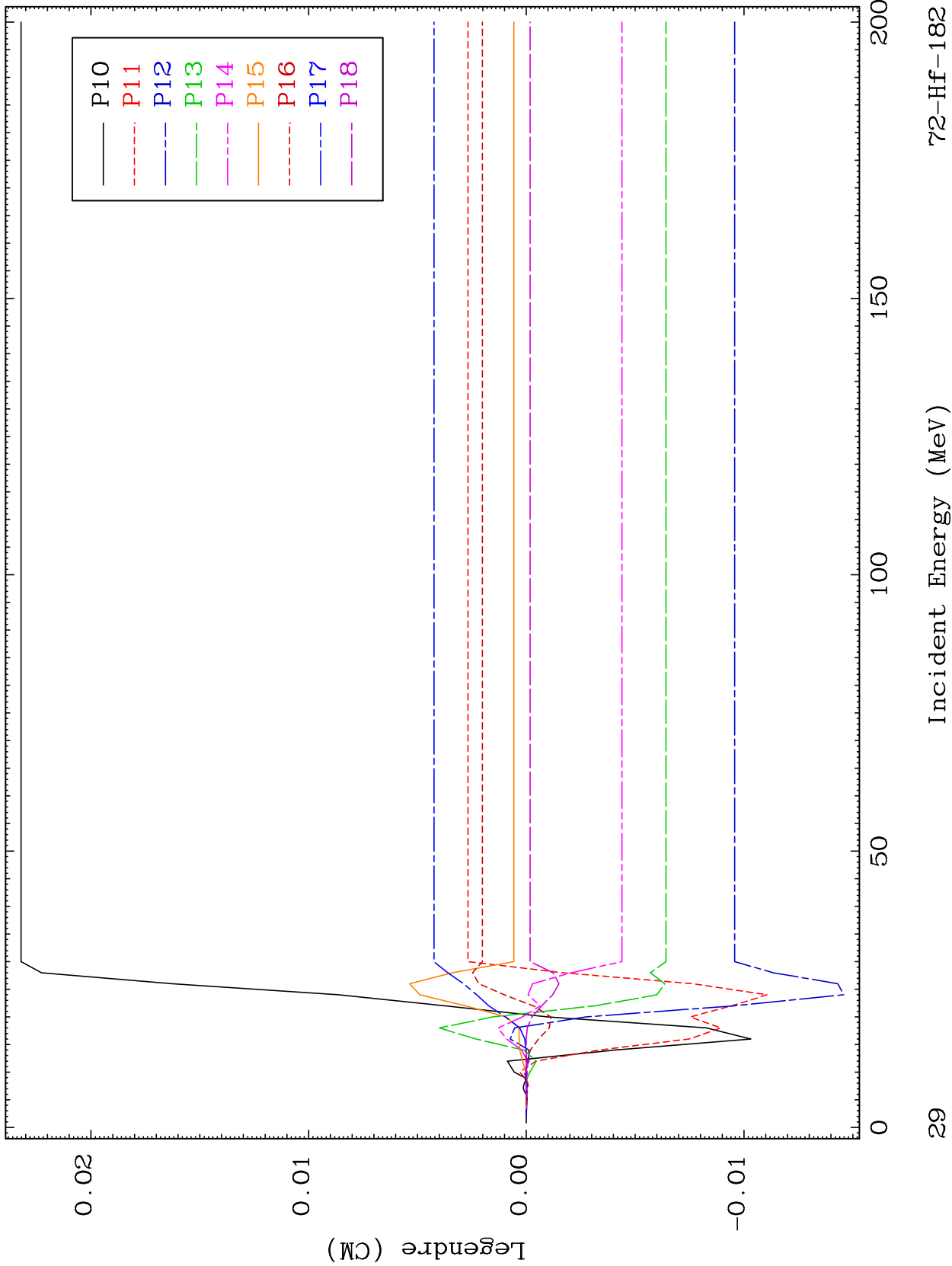
Incident Energy (MeV)

28

MAT 7249

666.3 keV (n,n') Level Legendre Coefficients

72-Hf-182



29

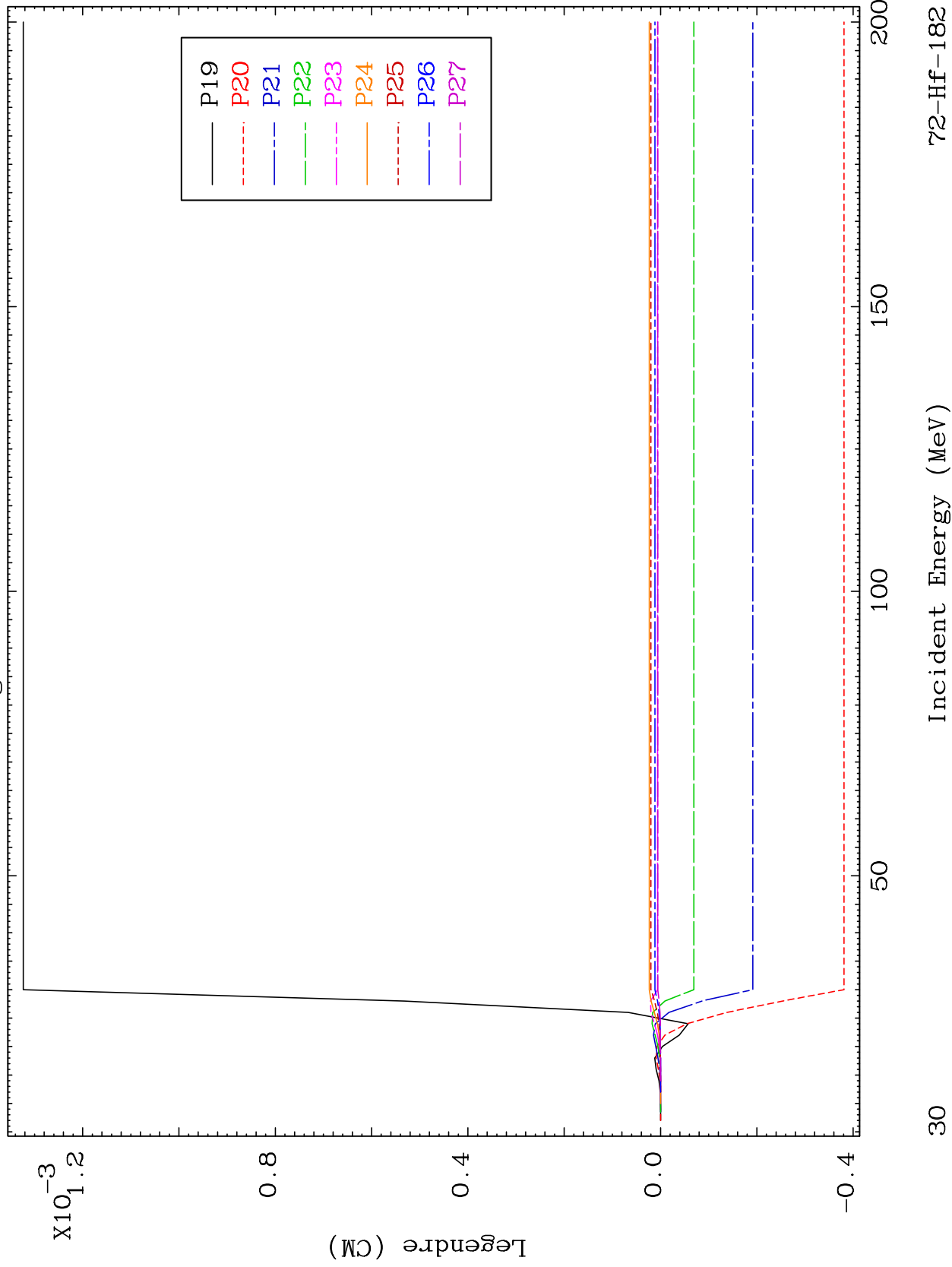
Incident Energy (MeV)

72-Hf-182

MAT 7249

666.3 keV (n,n') Level
Legendre Coefficients

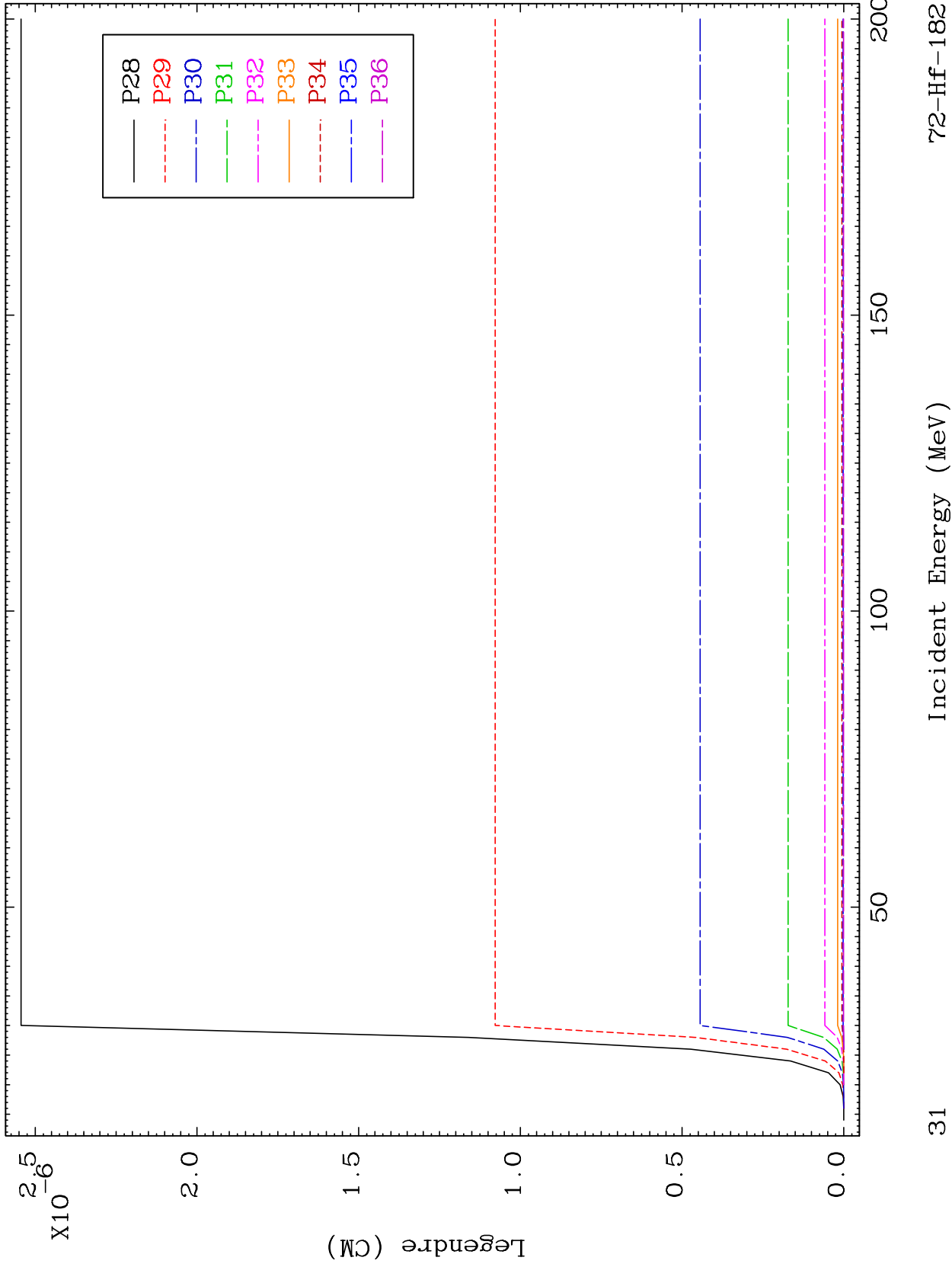
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30

Incident Energy (MeV)

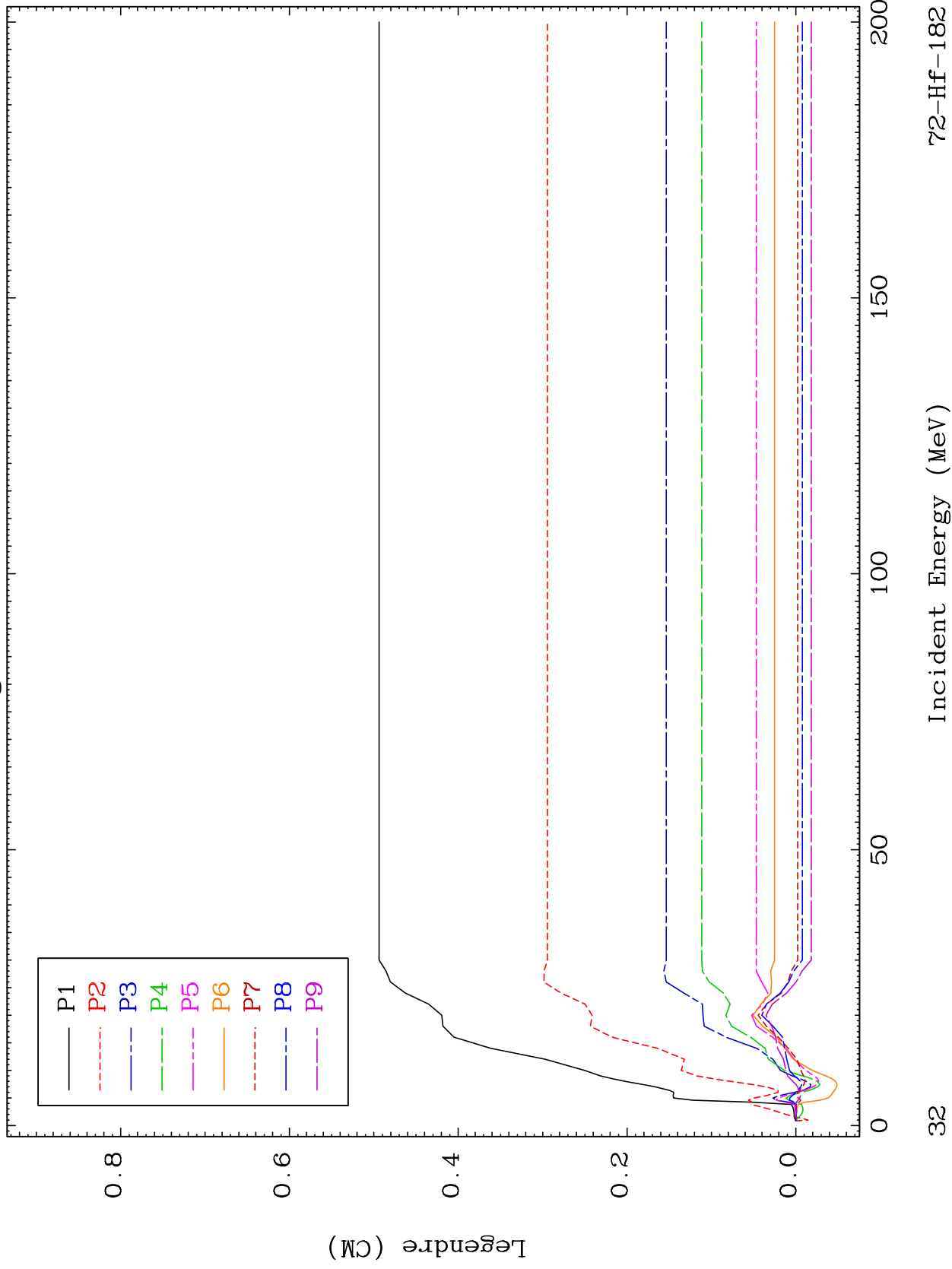
72-Hf-182



MAT 7249

818.4 keV (n,n') Level
Legendre Coefficients

72-Hf-182



72-Hf-182

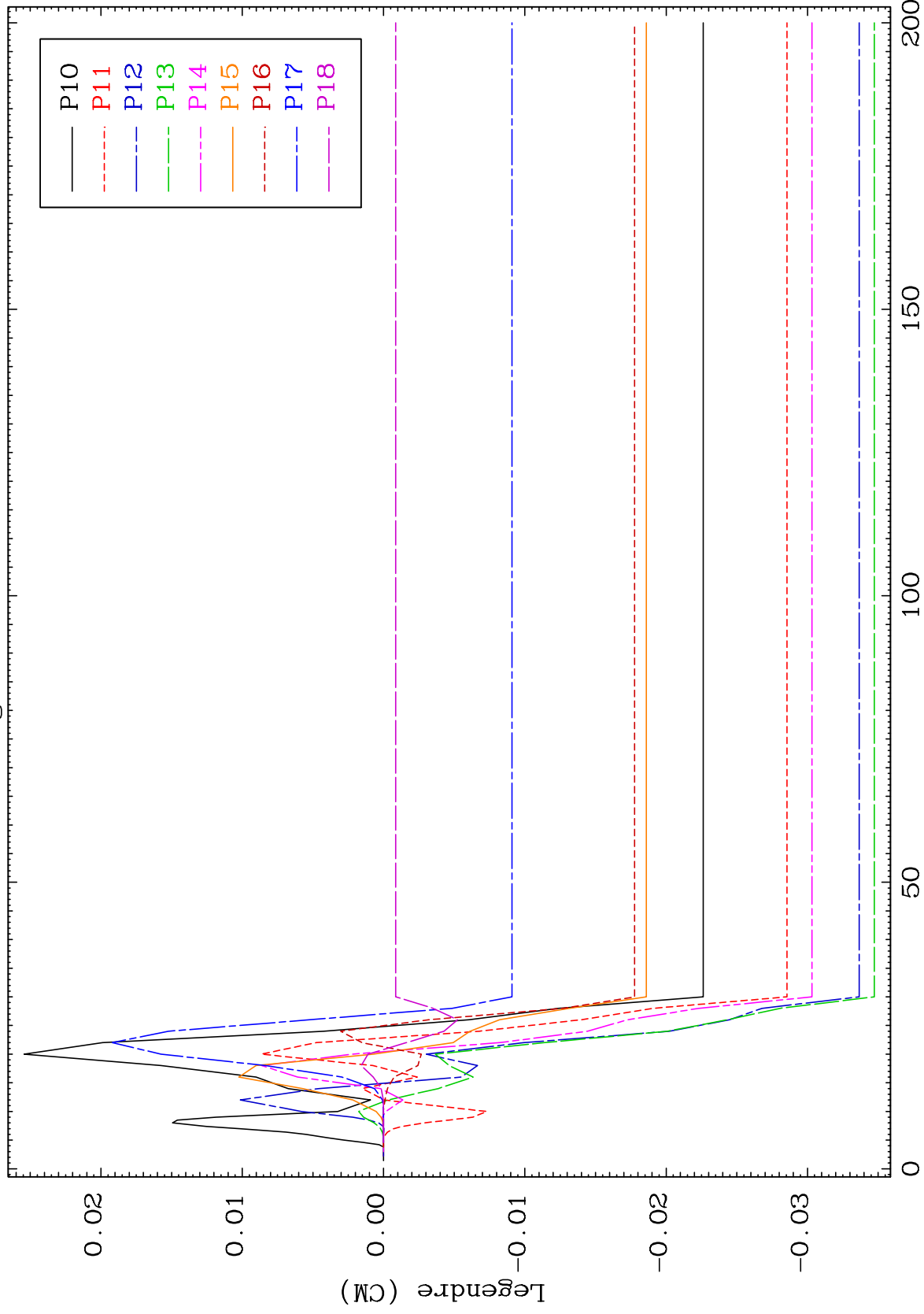
Incident Energy (MeV)

32

MAT 7249

818.4 keV (n,n') Level
Legendre Coefficients

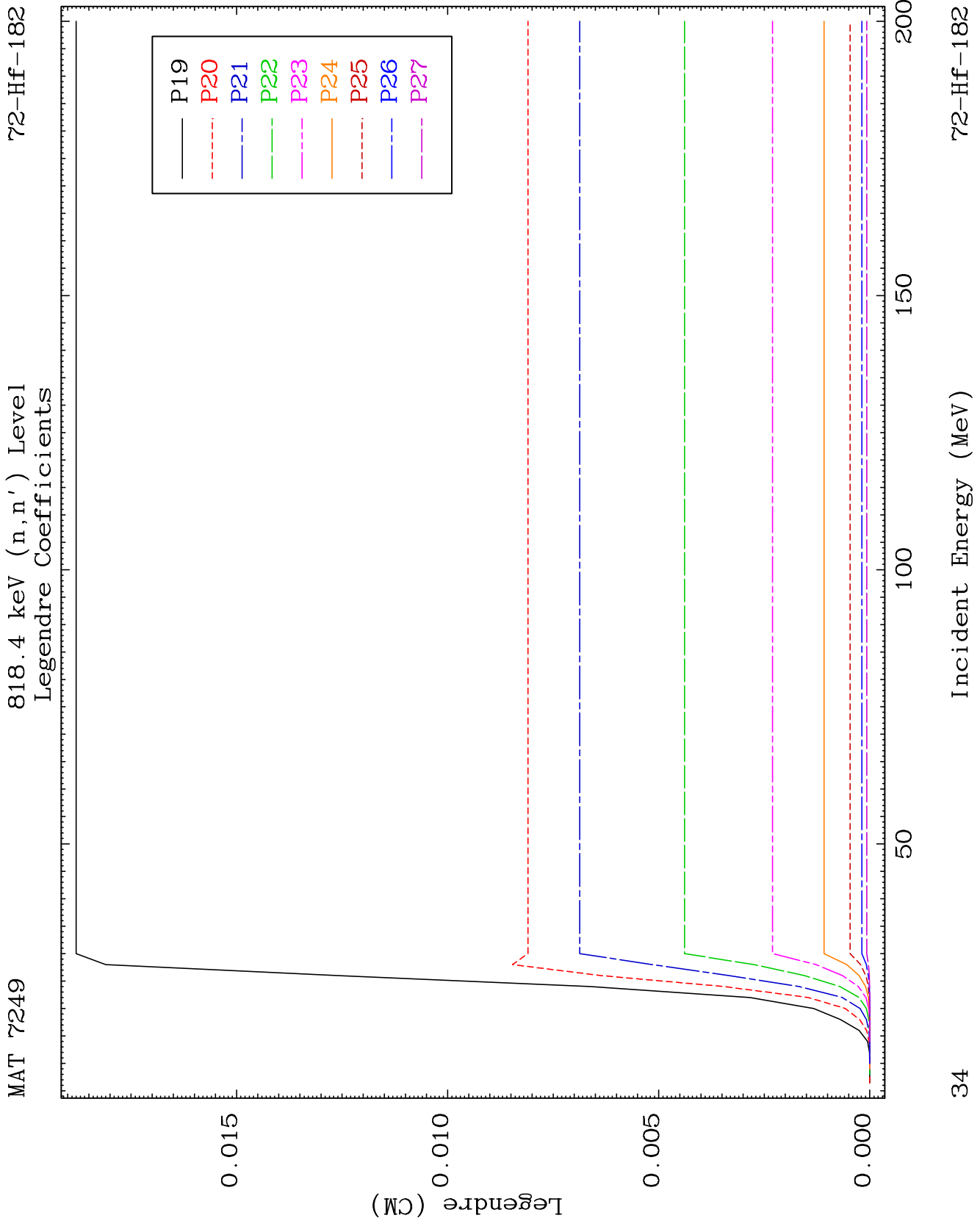
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33

Incident Energy (MeV)

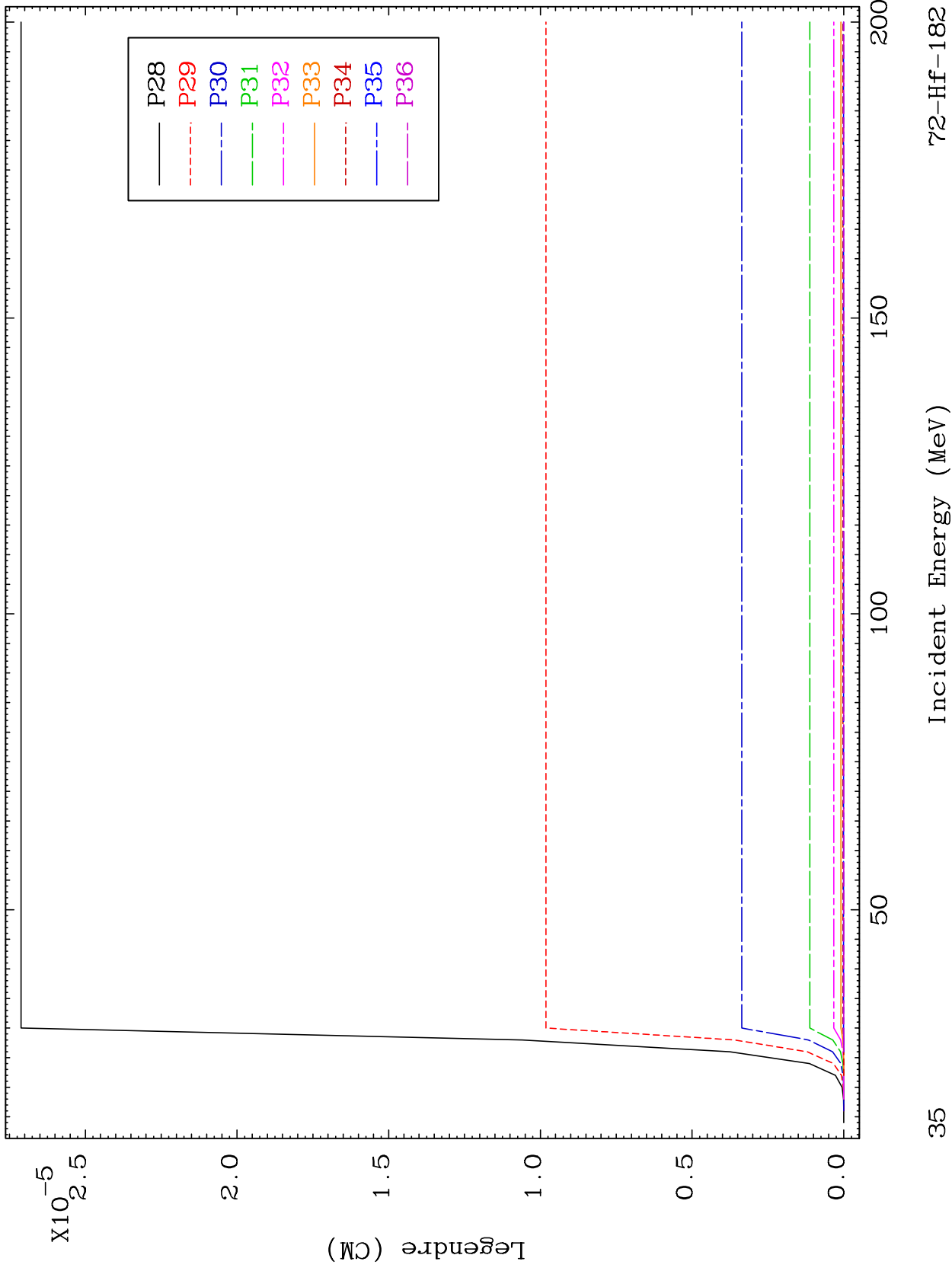
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MAT 7249

818.4 keV (n,n') Level
Legendre Coefficients

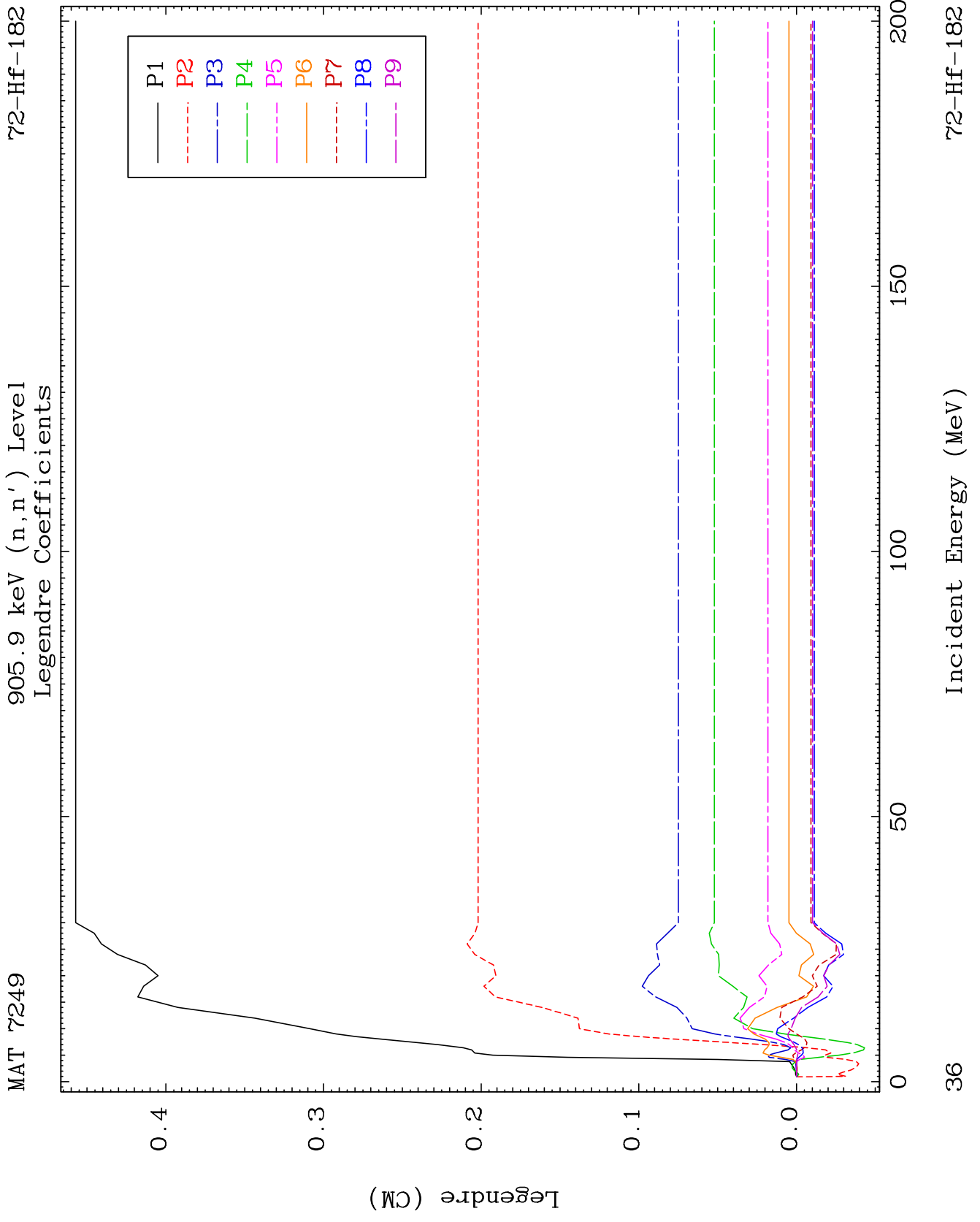
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35

Incident Energy (MeV)

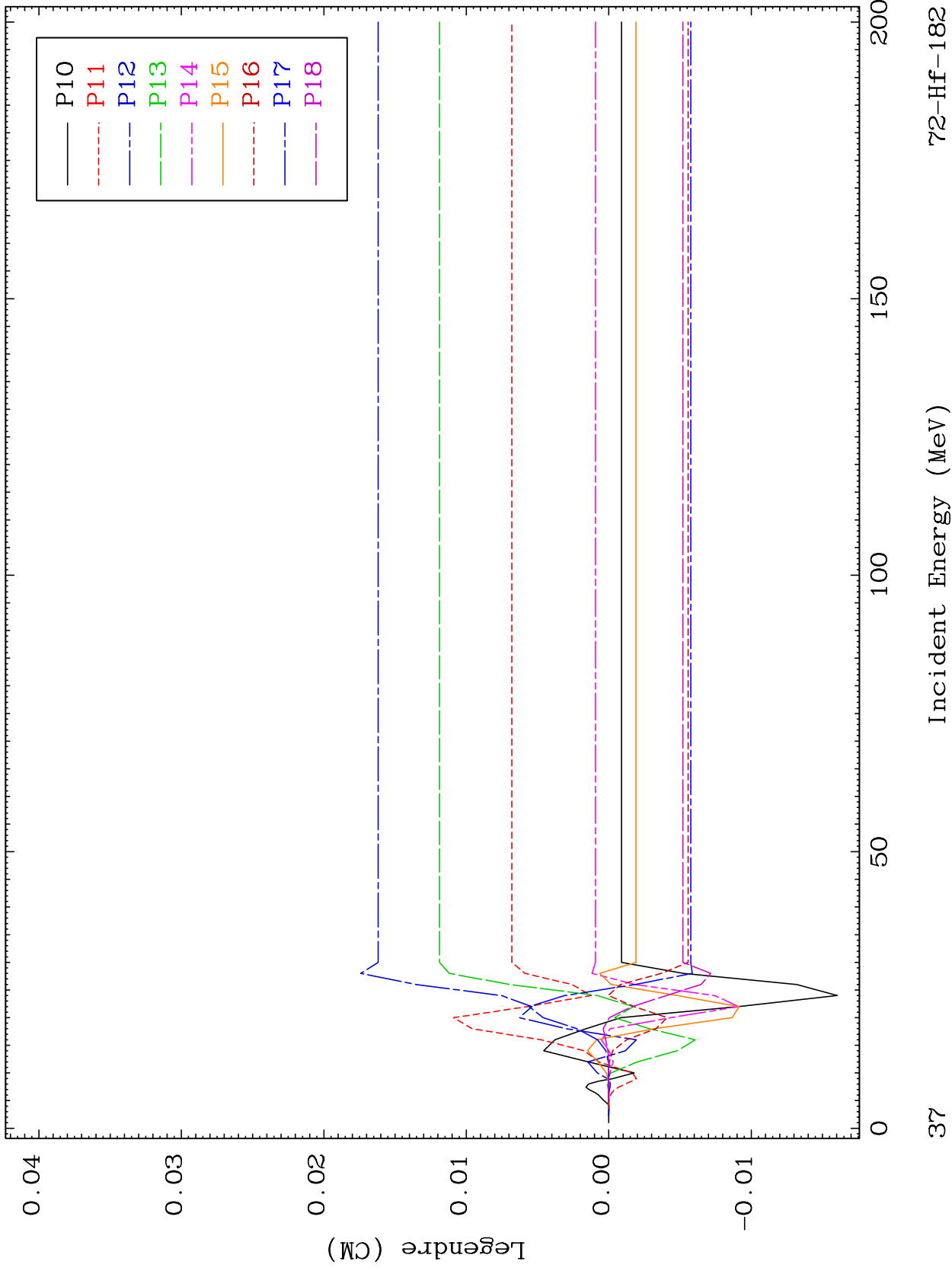
72-Hf-182



MAT 7249

905.9 keV (n,n') Level
Legendre Coefficients

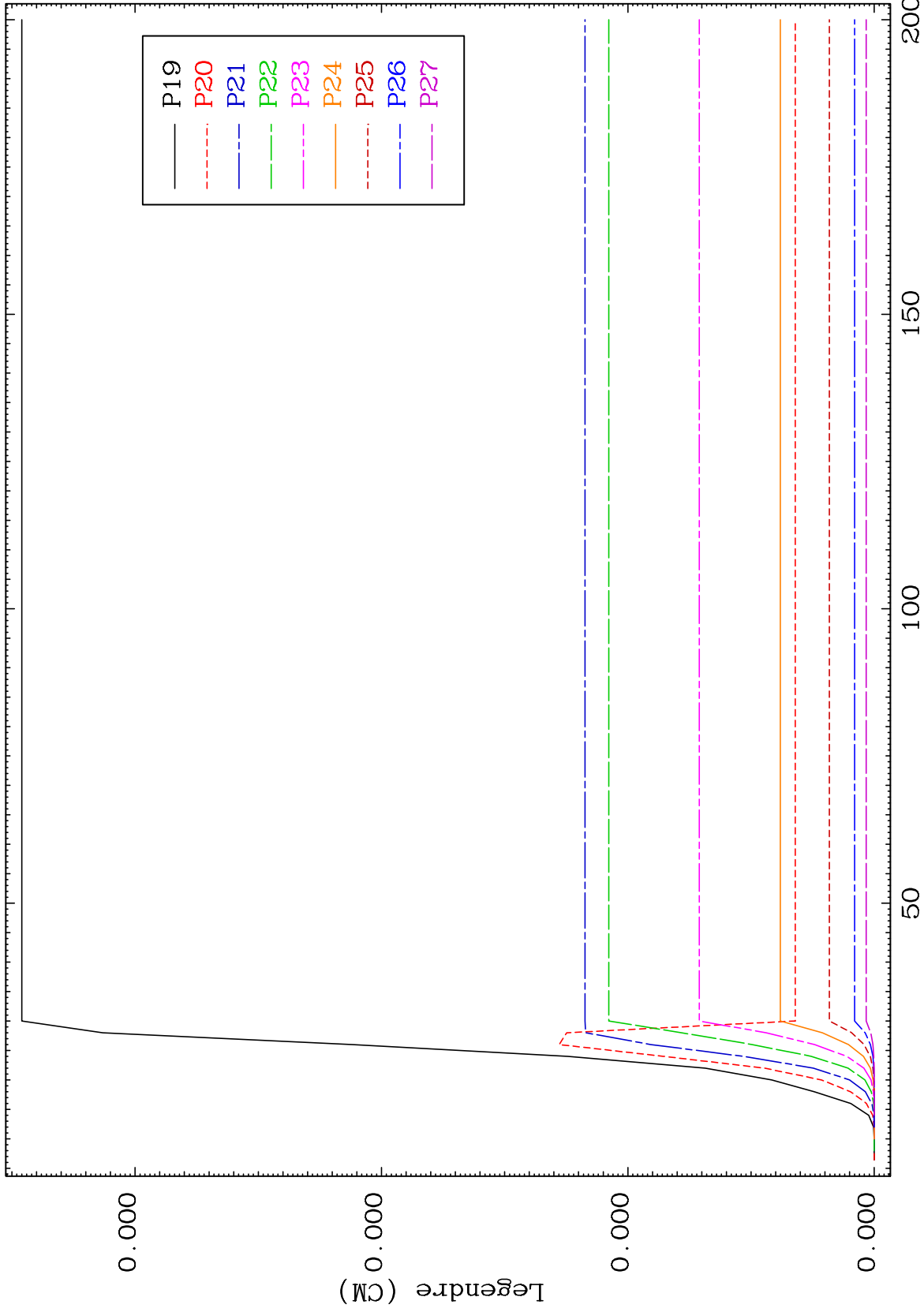
72-Hf-182



72-Hf-182

Incident Energy (MeV)

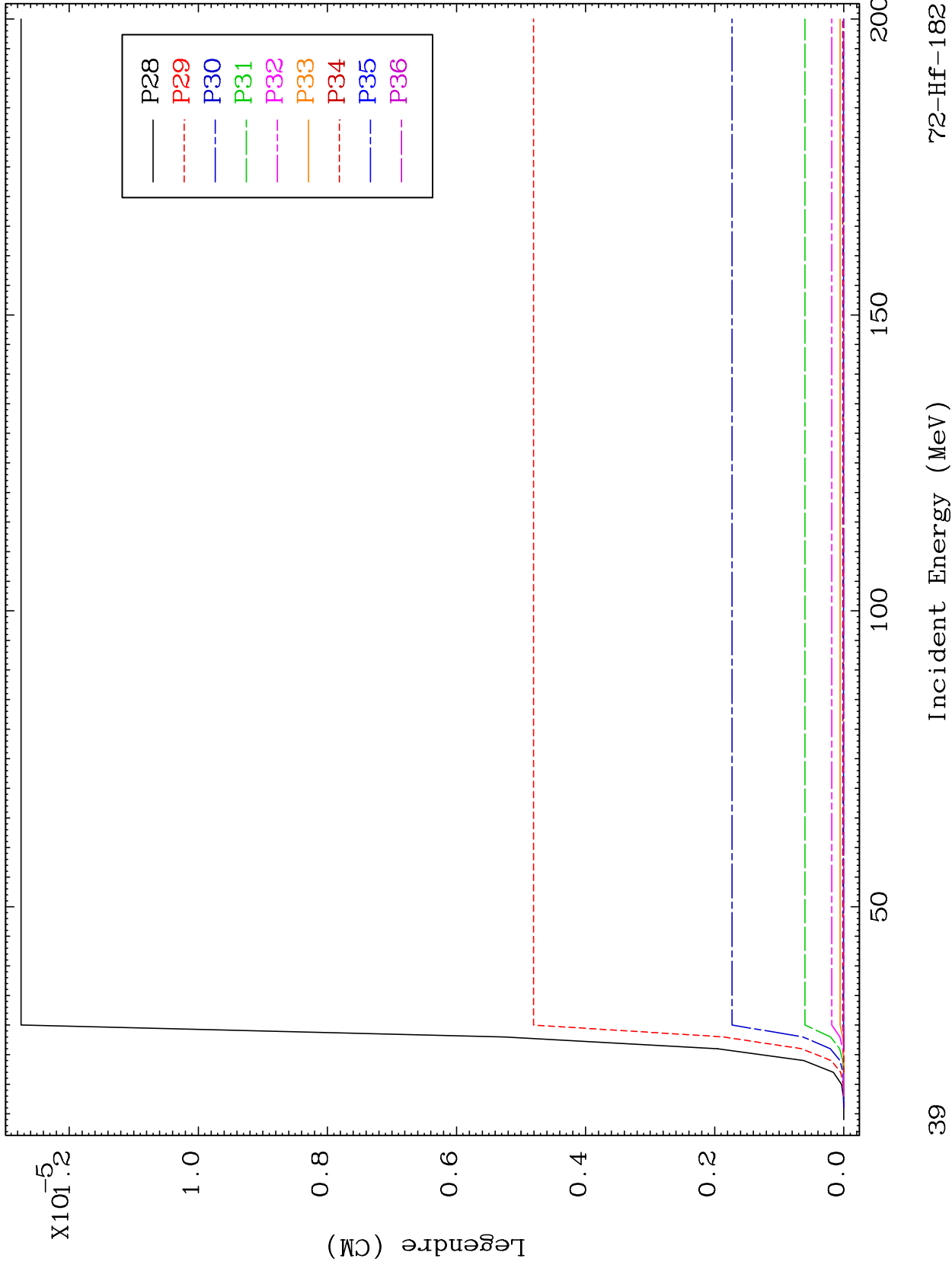
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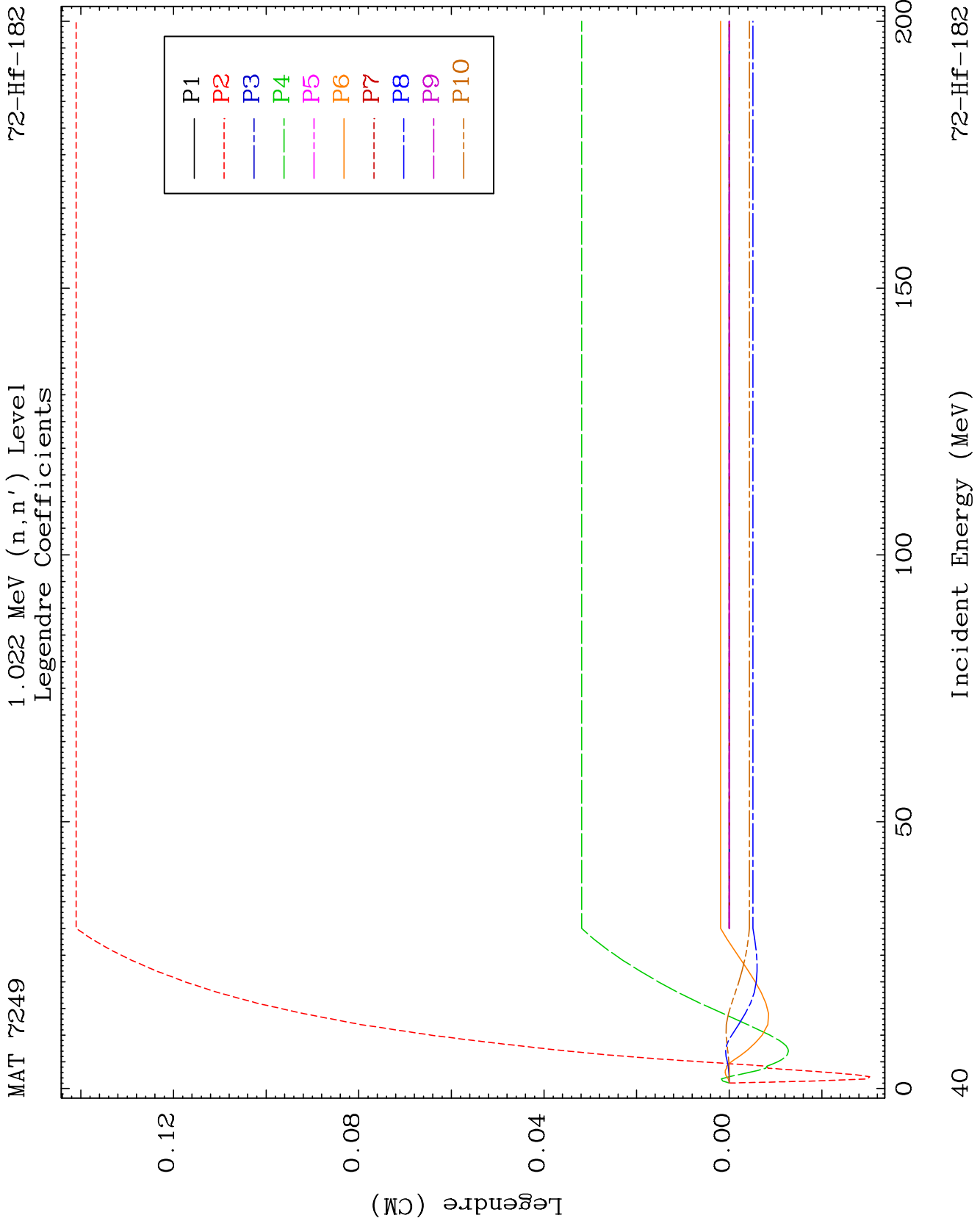


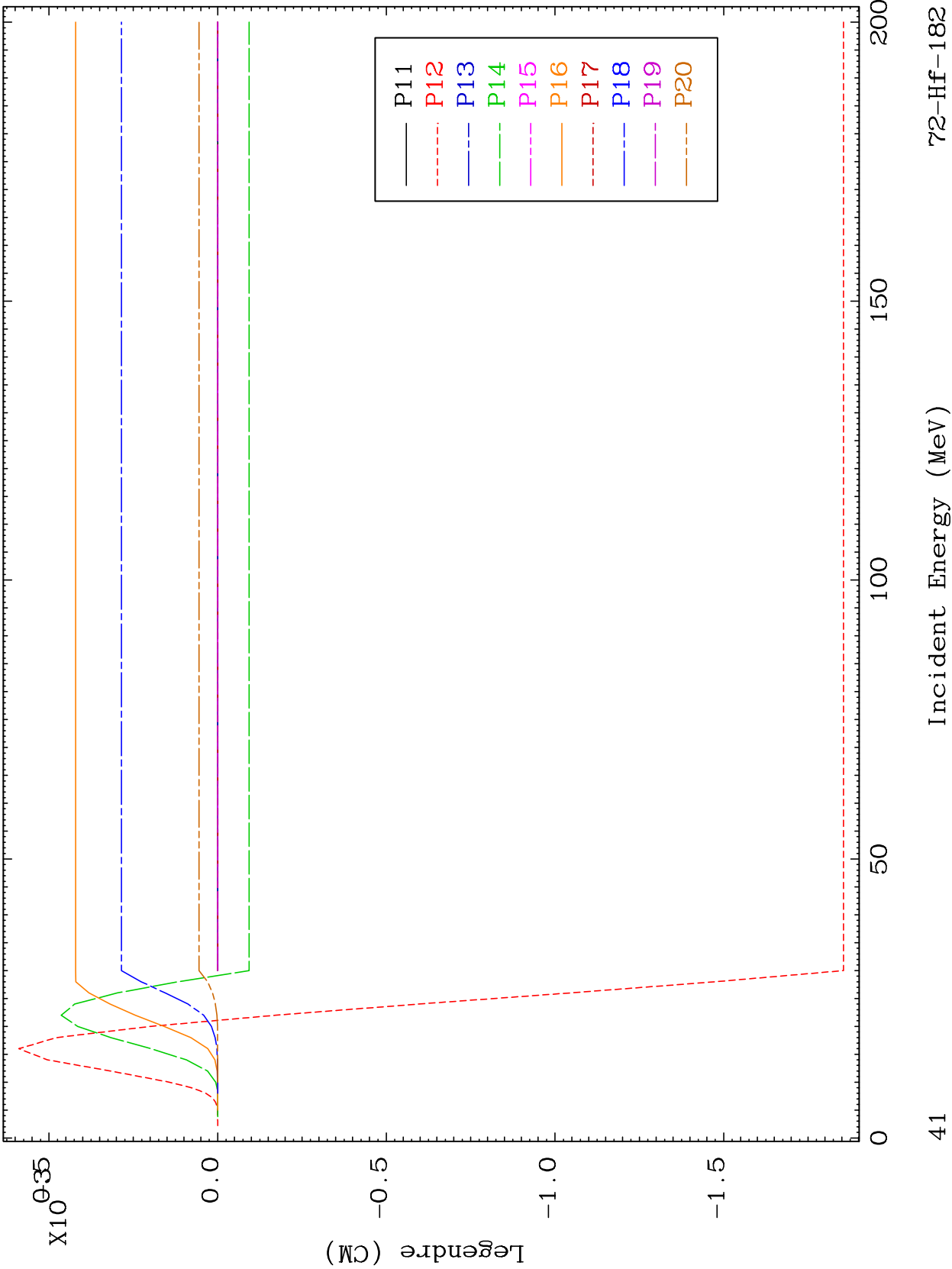
MAT 7249

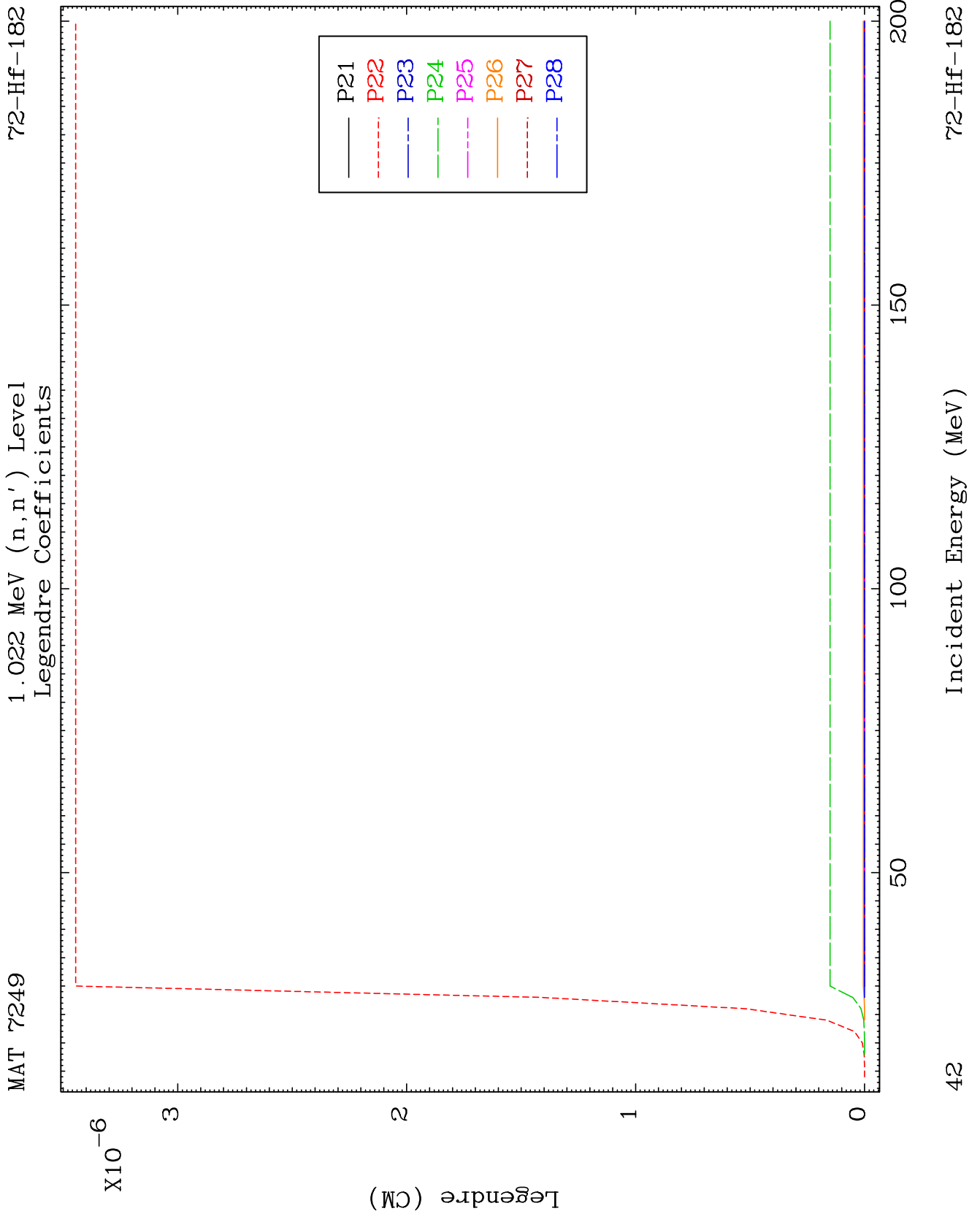
905.9 keV (n, n') Level
Legendre Coefficients

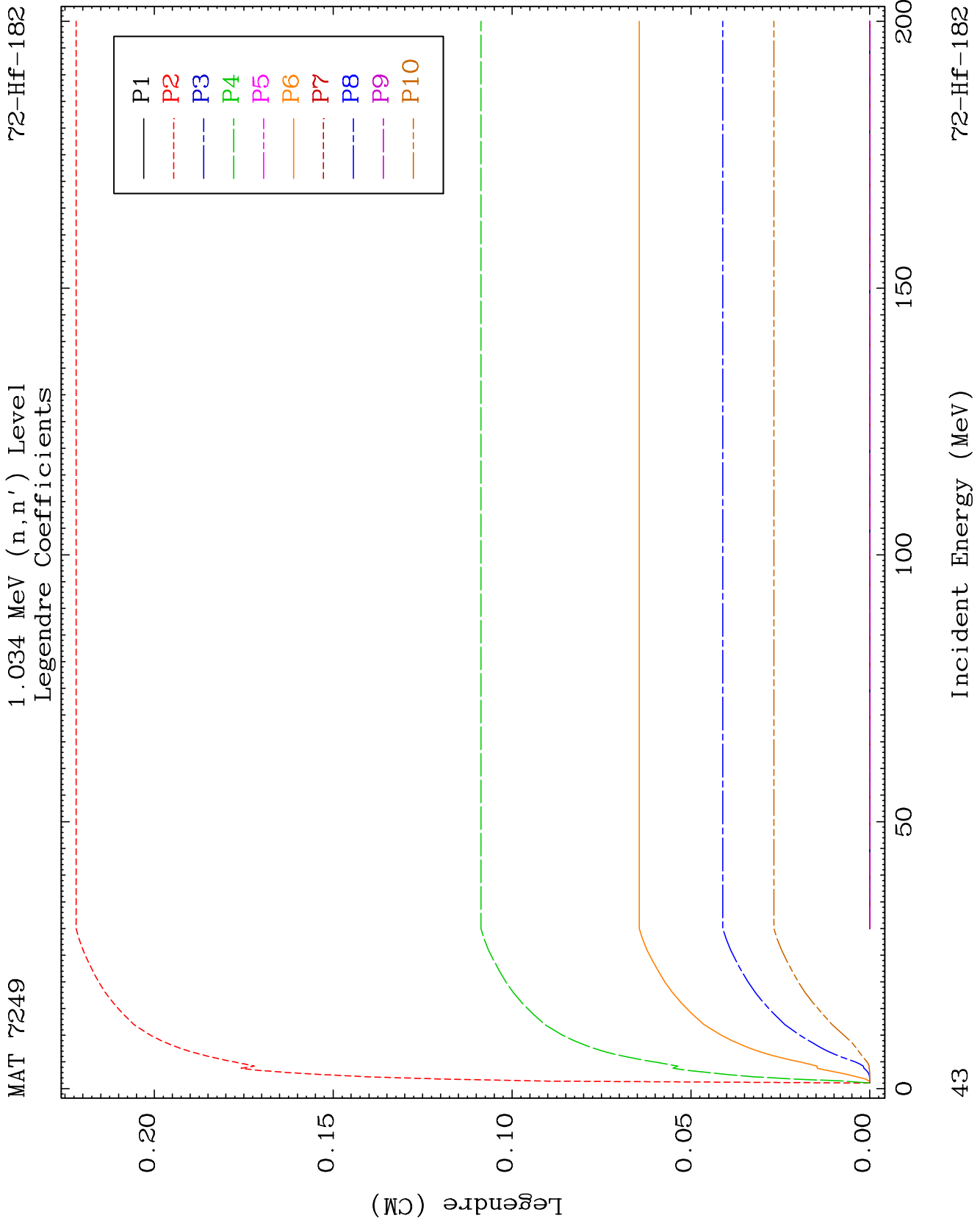
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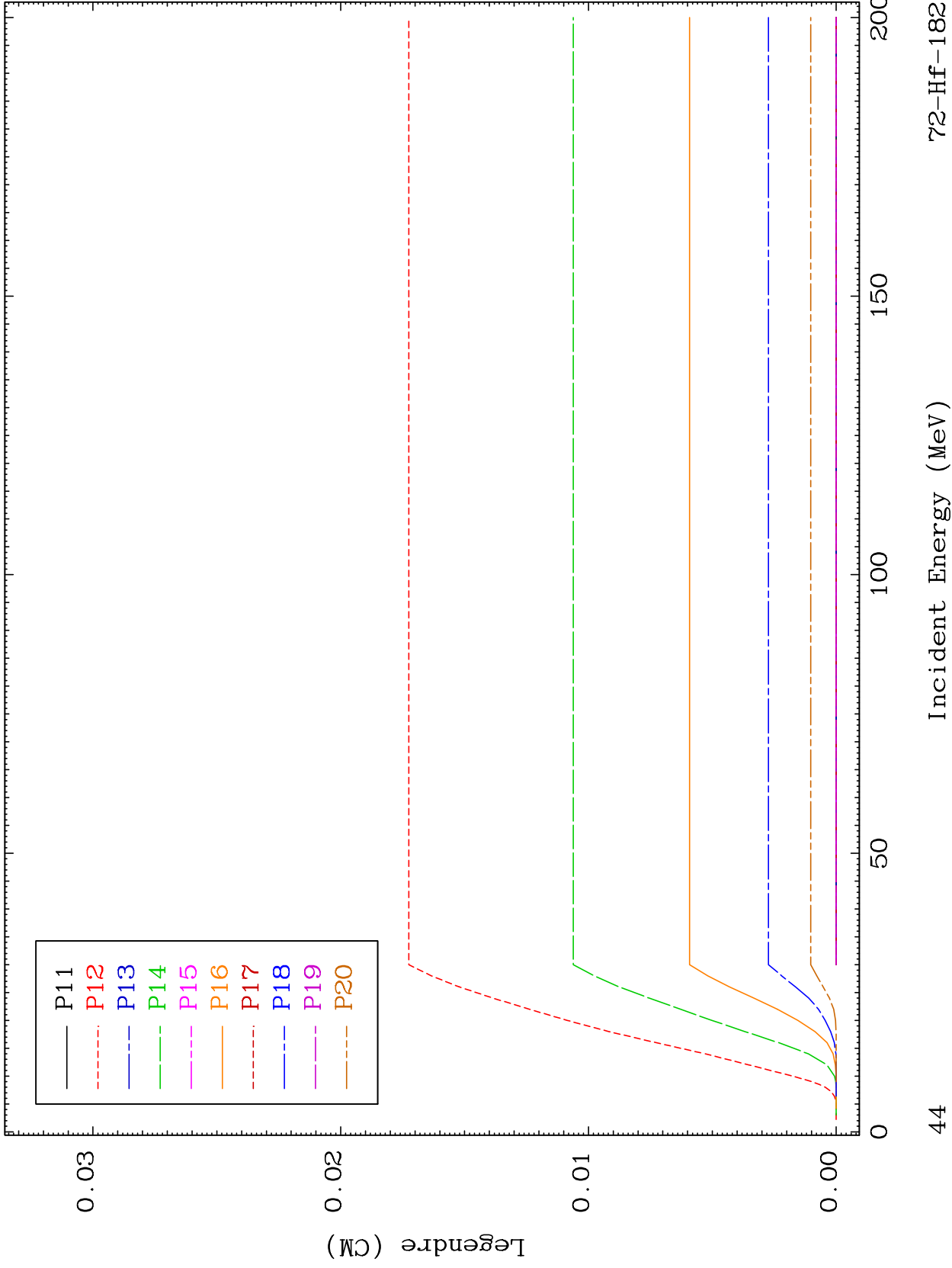


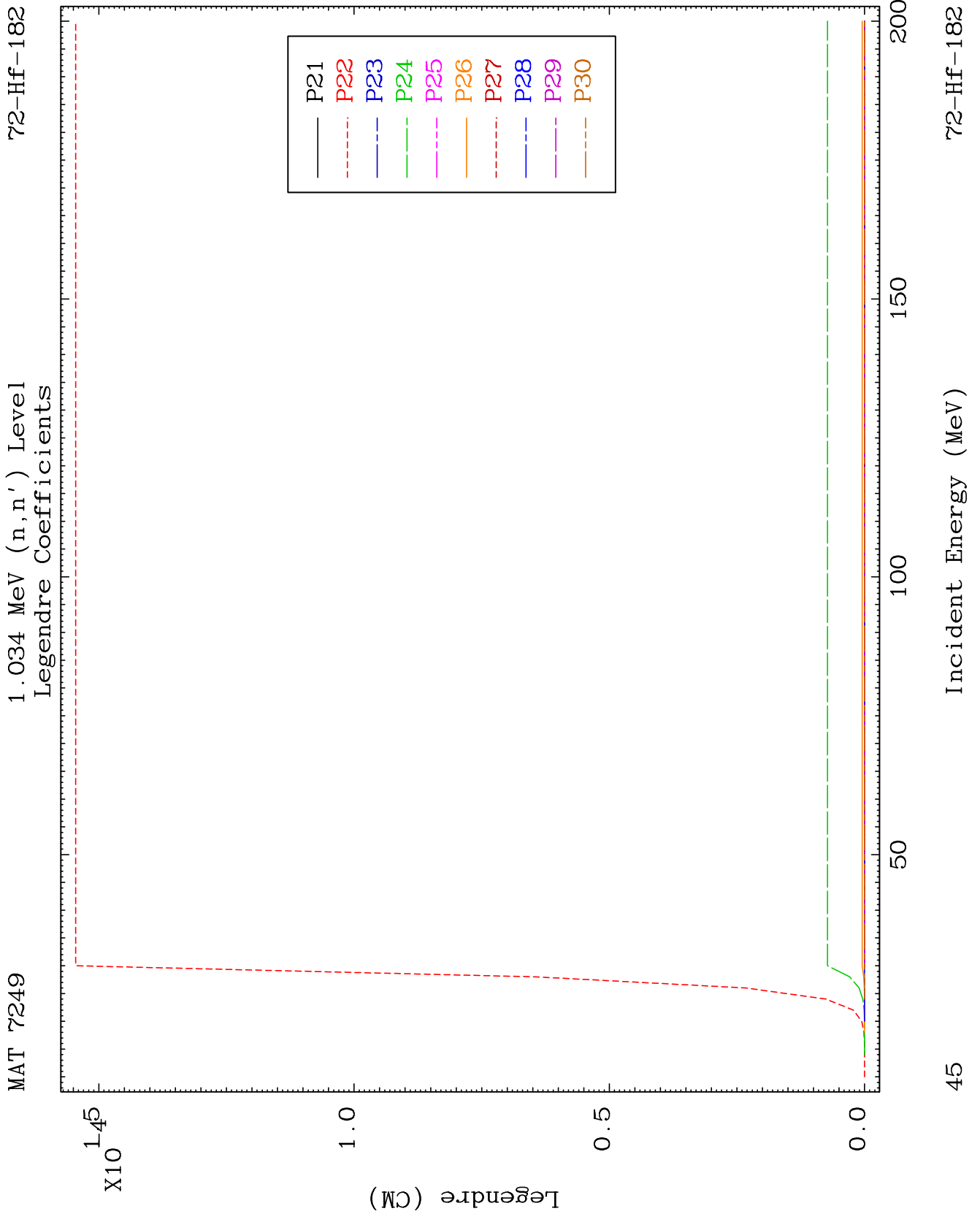








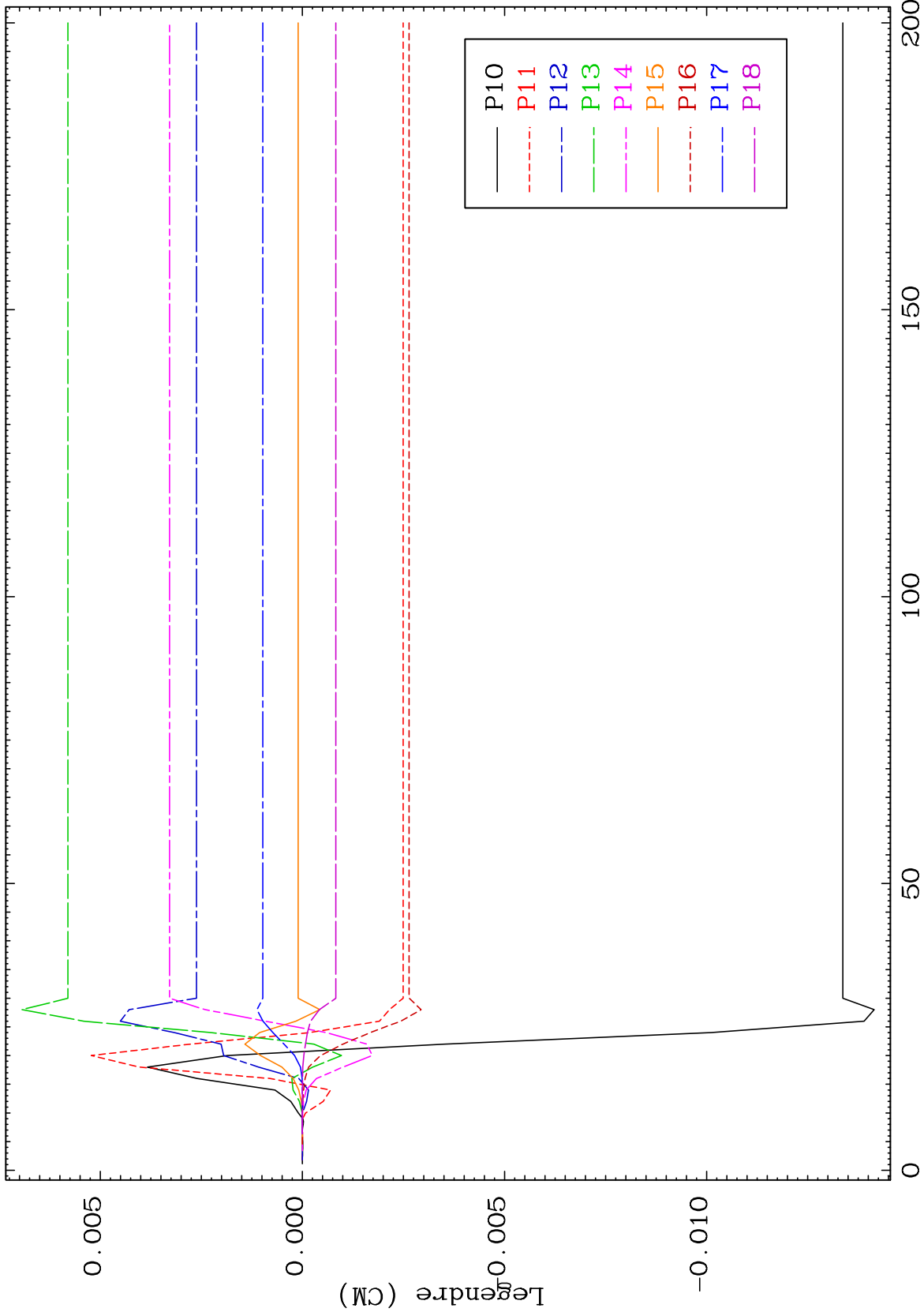




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1.122 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



47

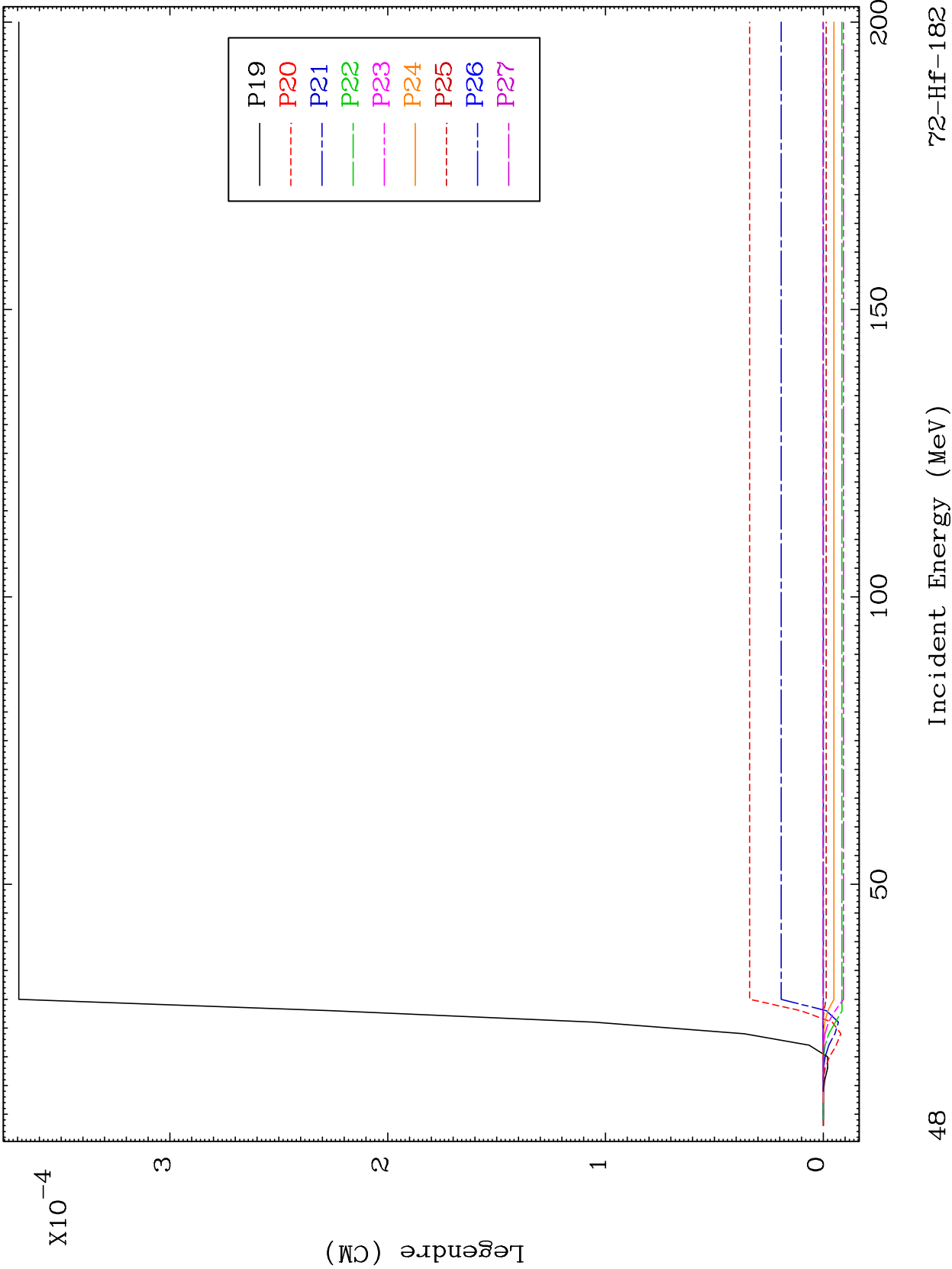
Incident Energy (MeV)

72-Hf-182

MAT 7249

1.122 MeV (n,n') Level
Legendre Coefficients

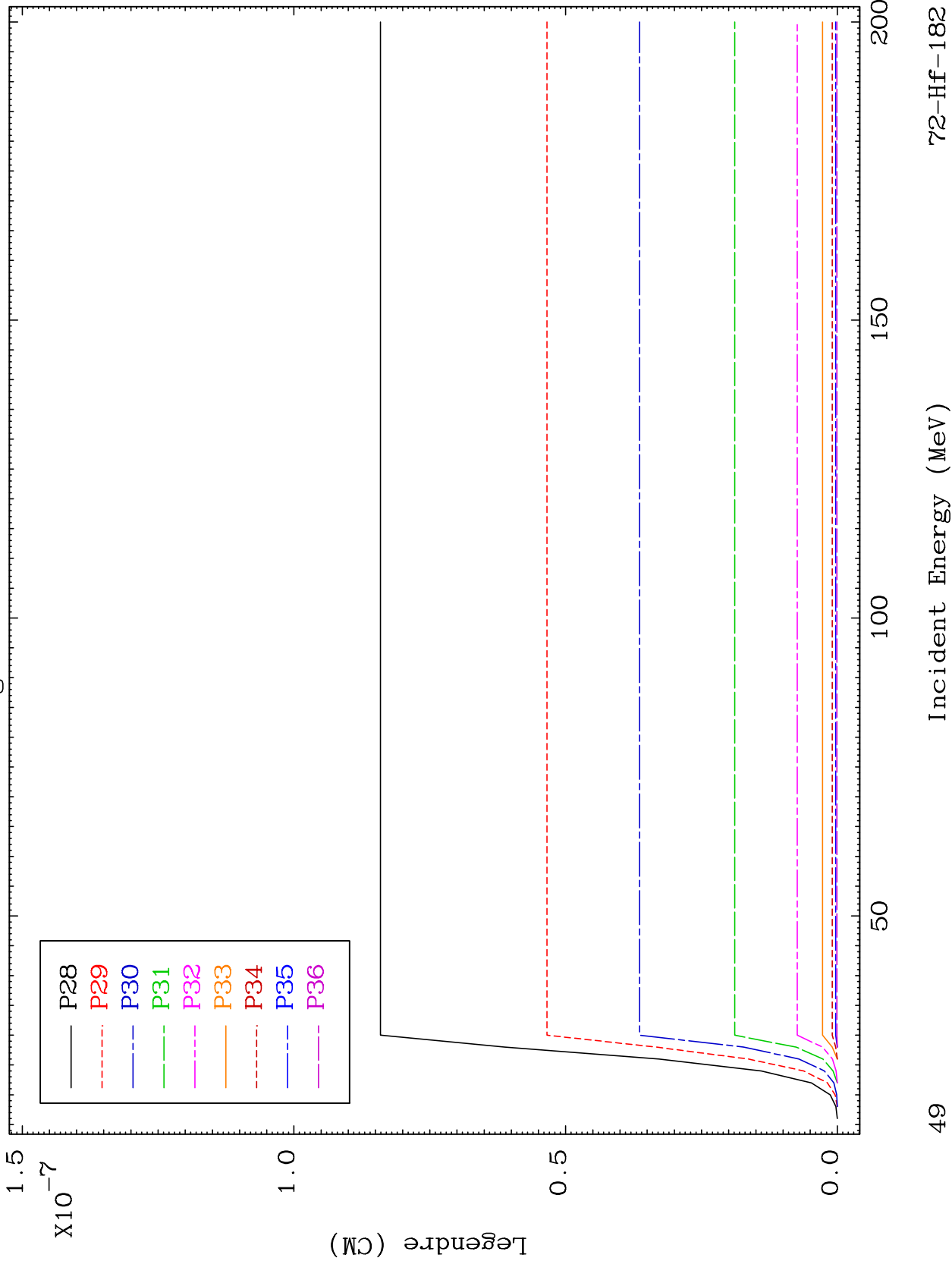
72-Hf-182



48

Incident Energy (MeV)

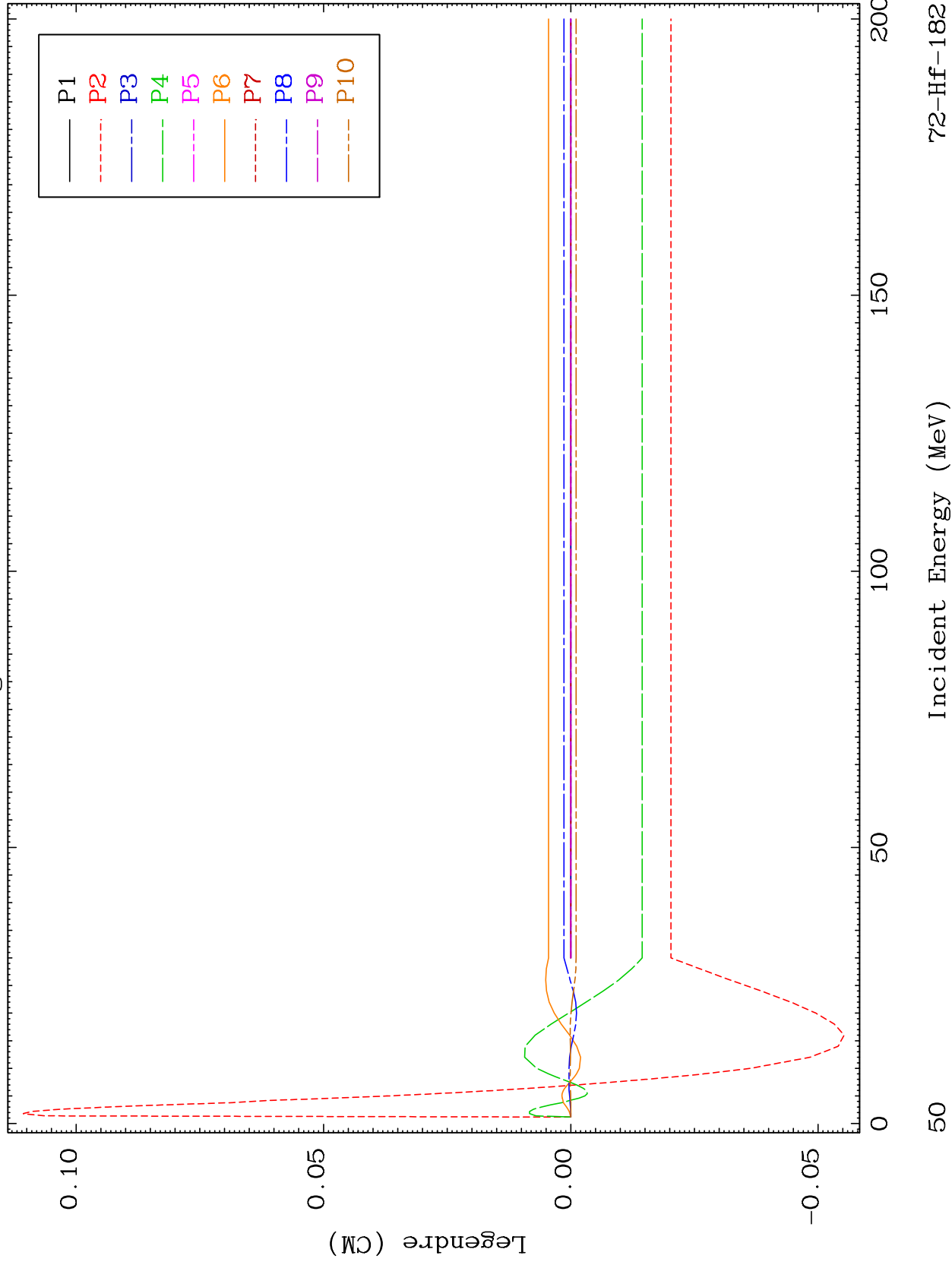
72-Hf-182



MAT 7249

1.173 MeV (n,n') Level
Legendre Coefficients

72-Hf-182

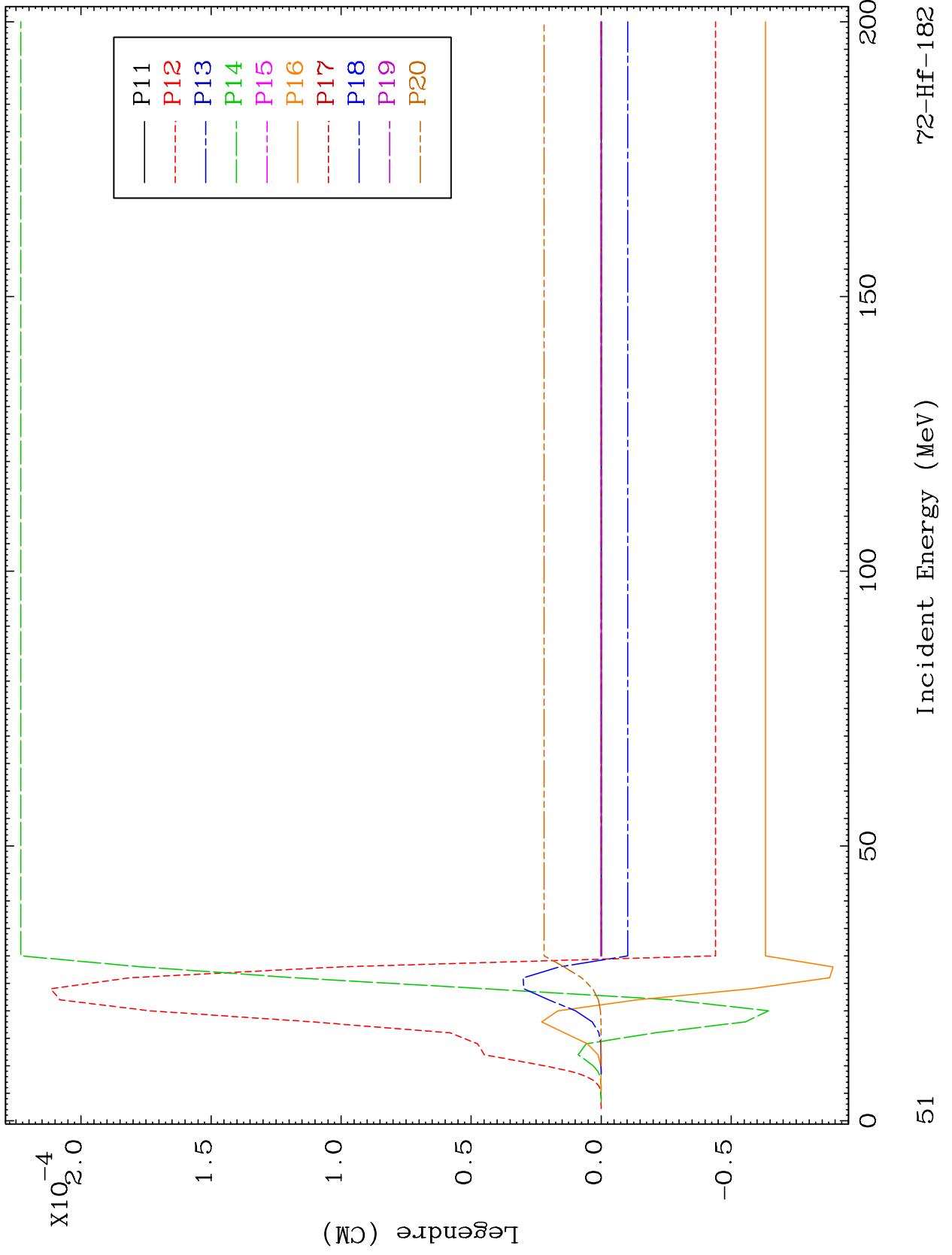


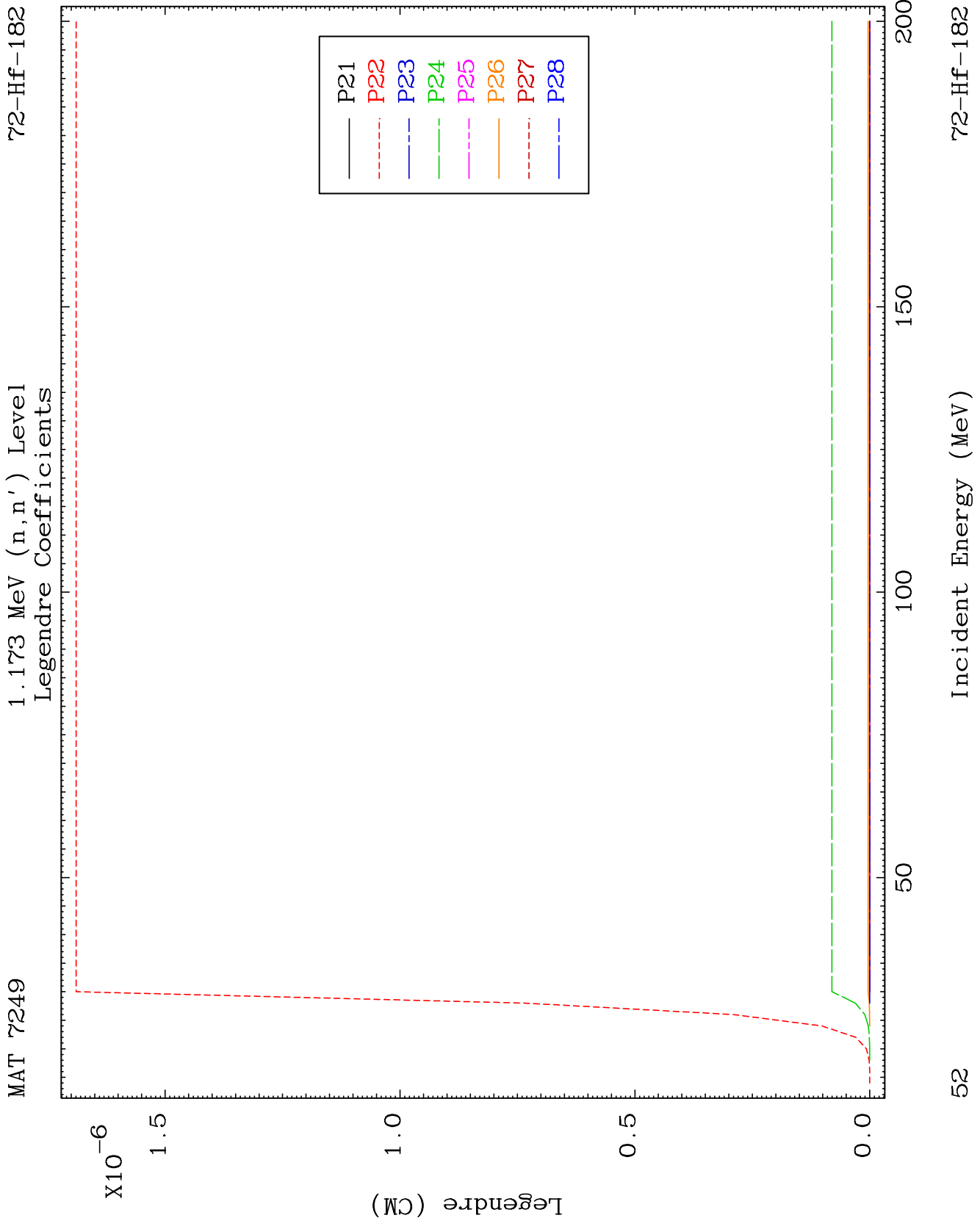
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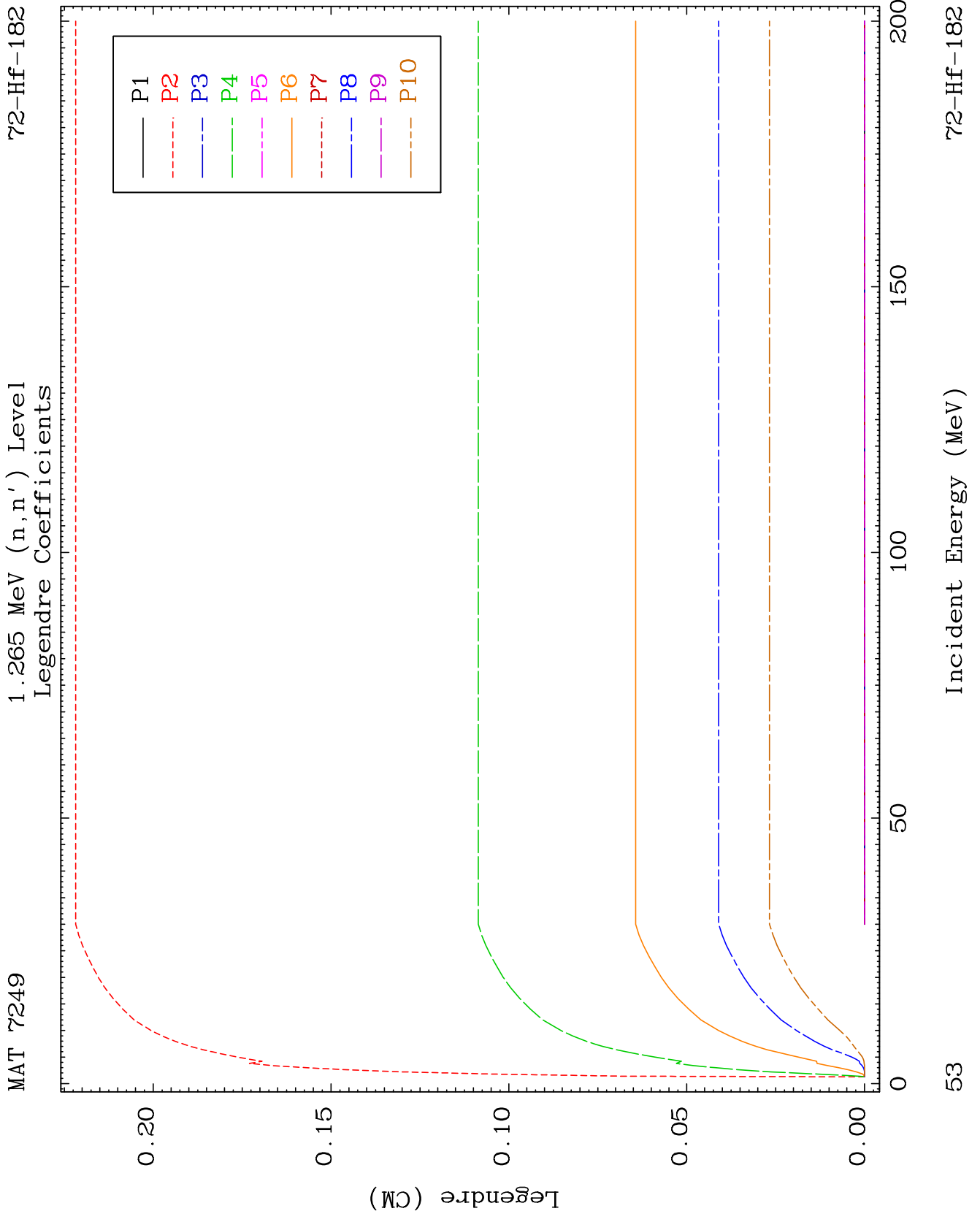
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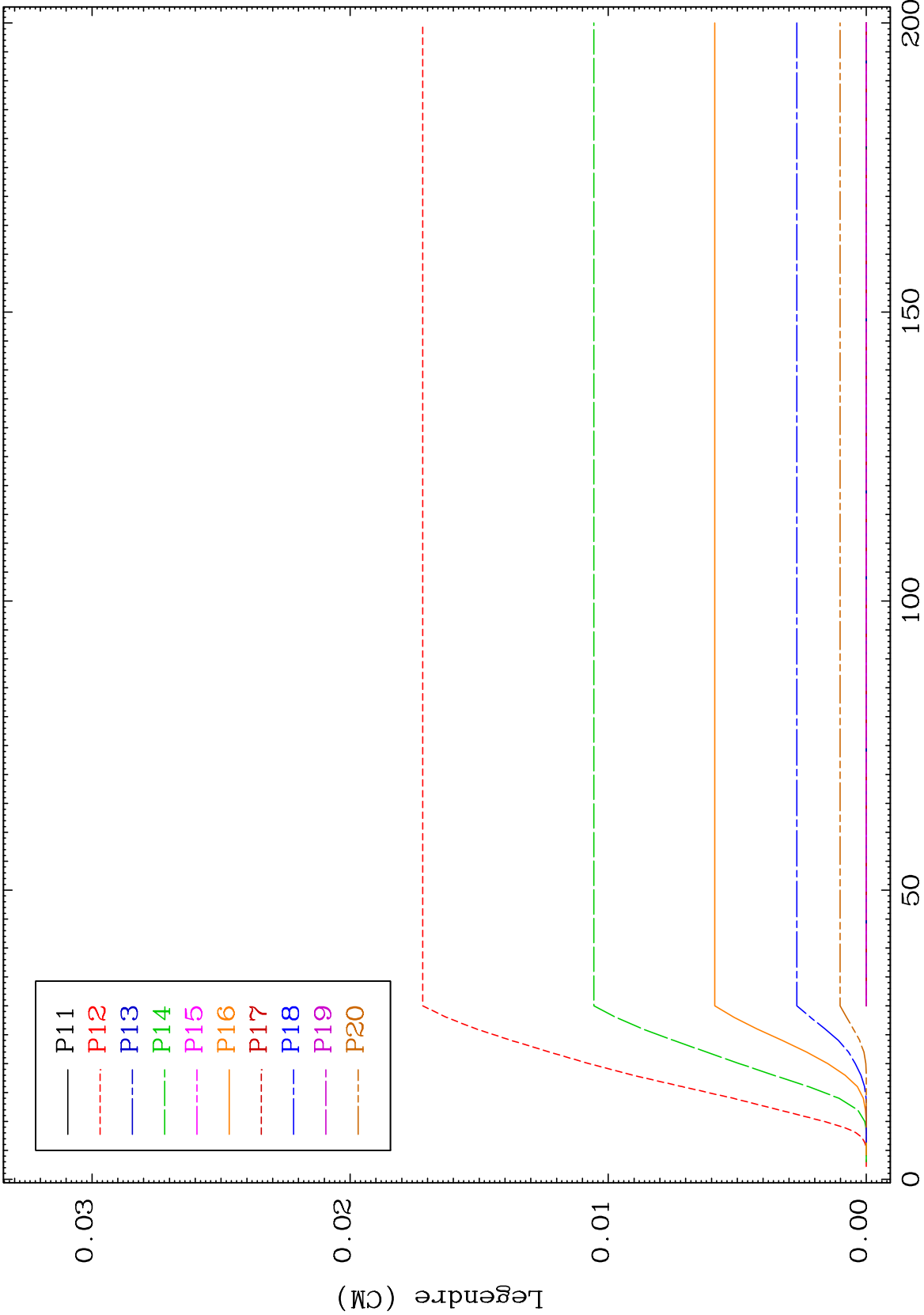
1.173 MeV (n,n') Level
Legendre Coefficients

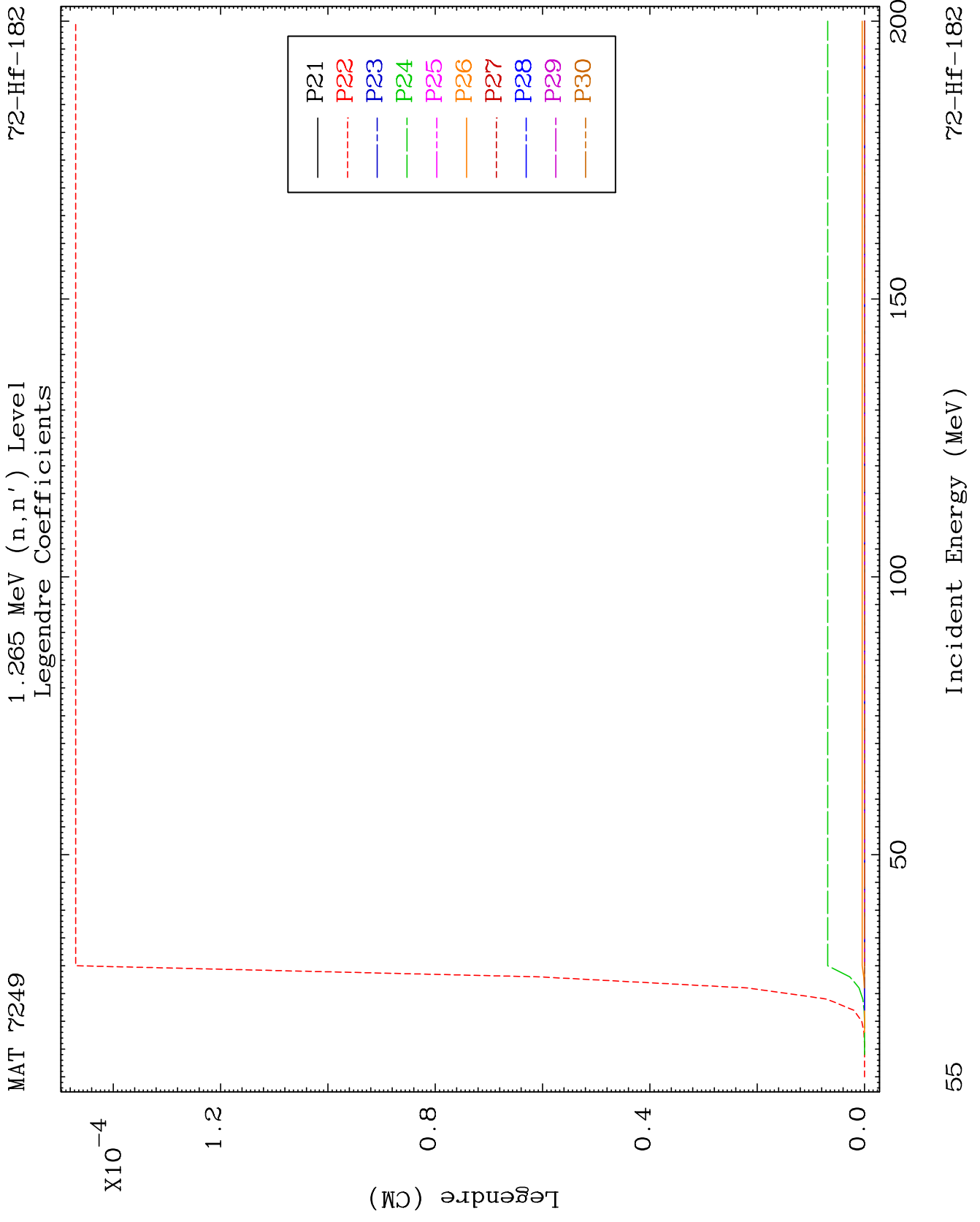
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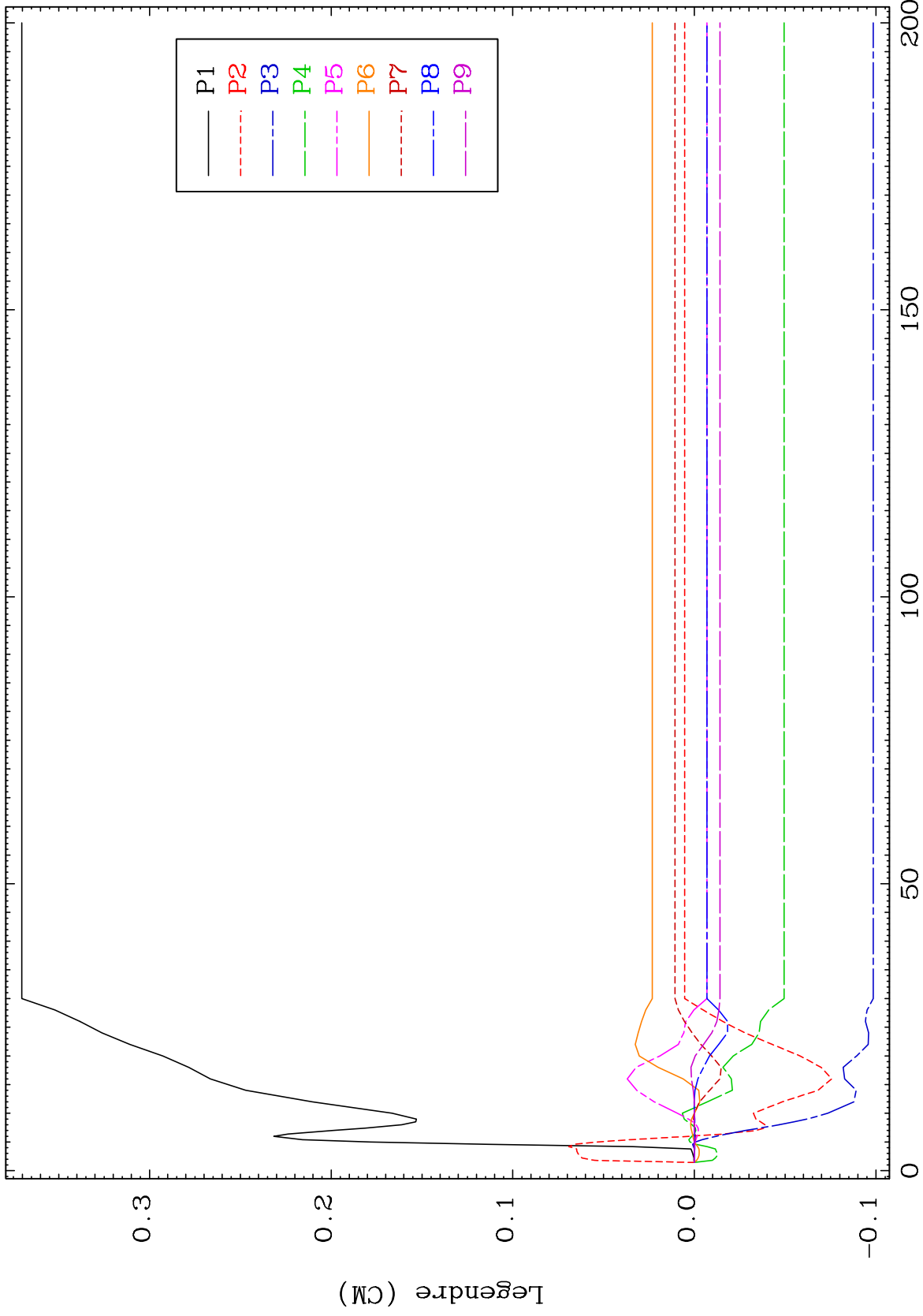




MAT 7249

1.419 MeV (n,n') Level
Legendre Coefficients

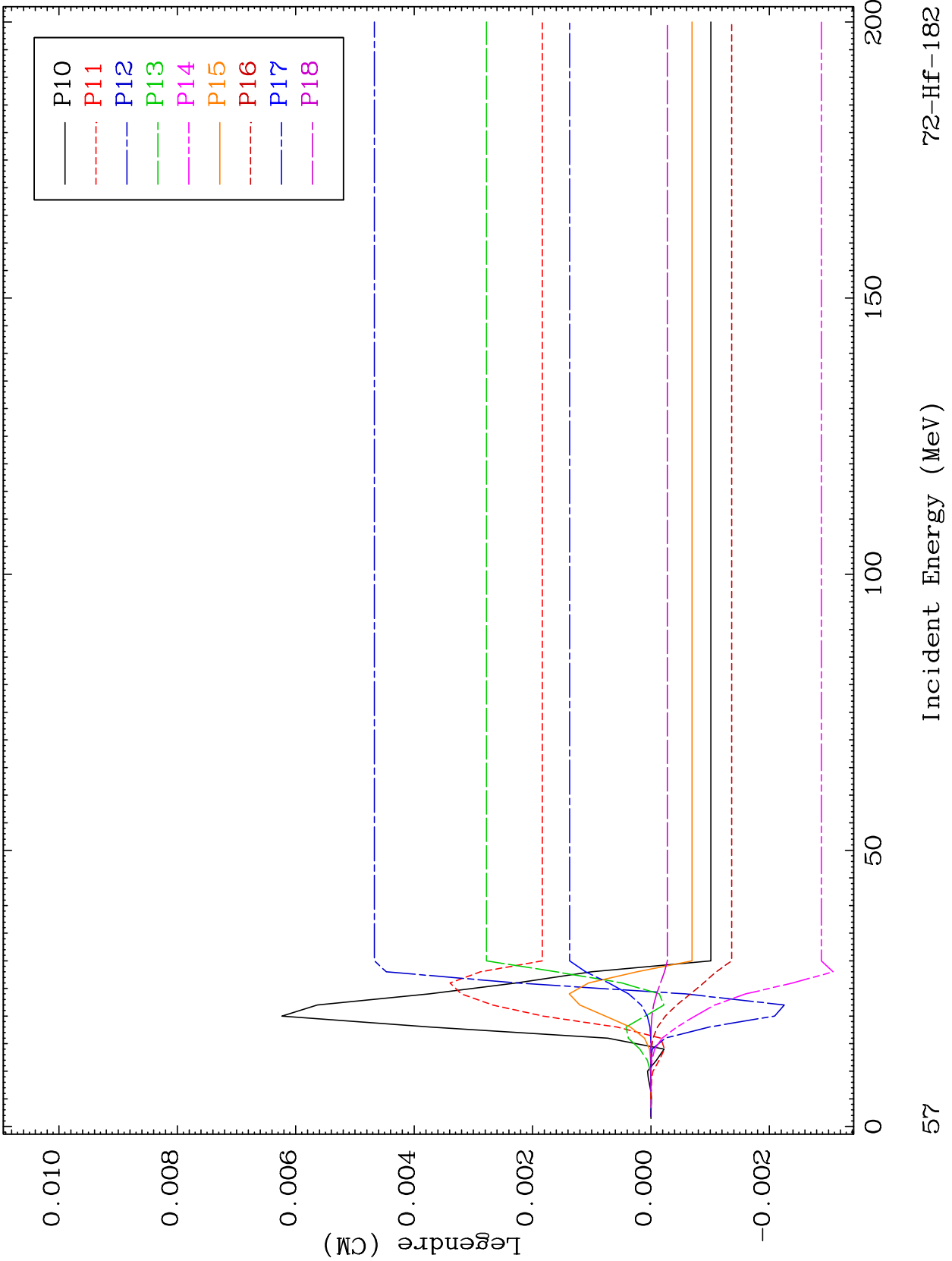
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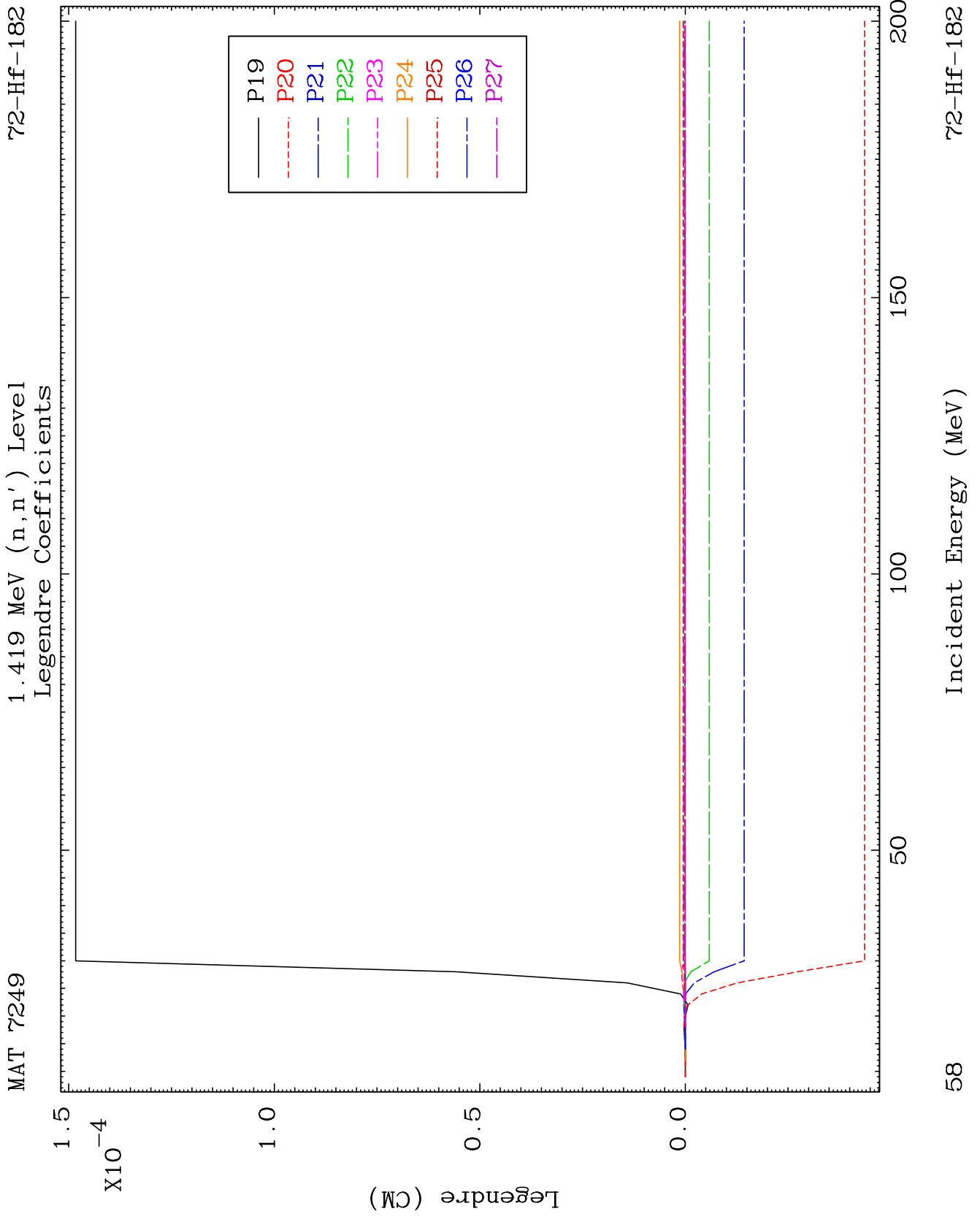


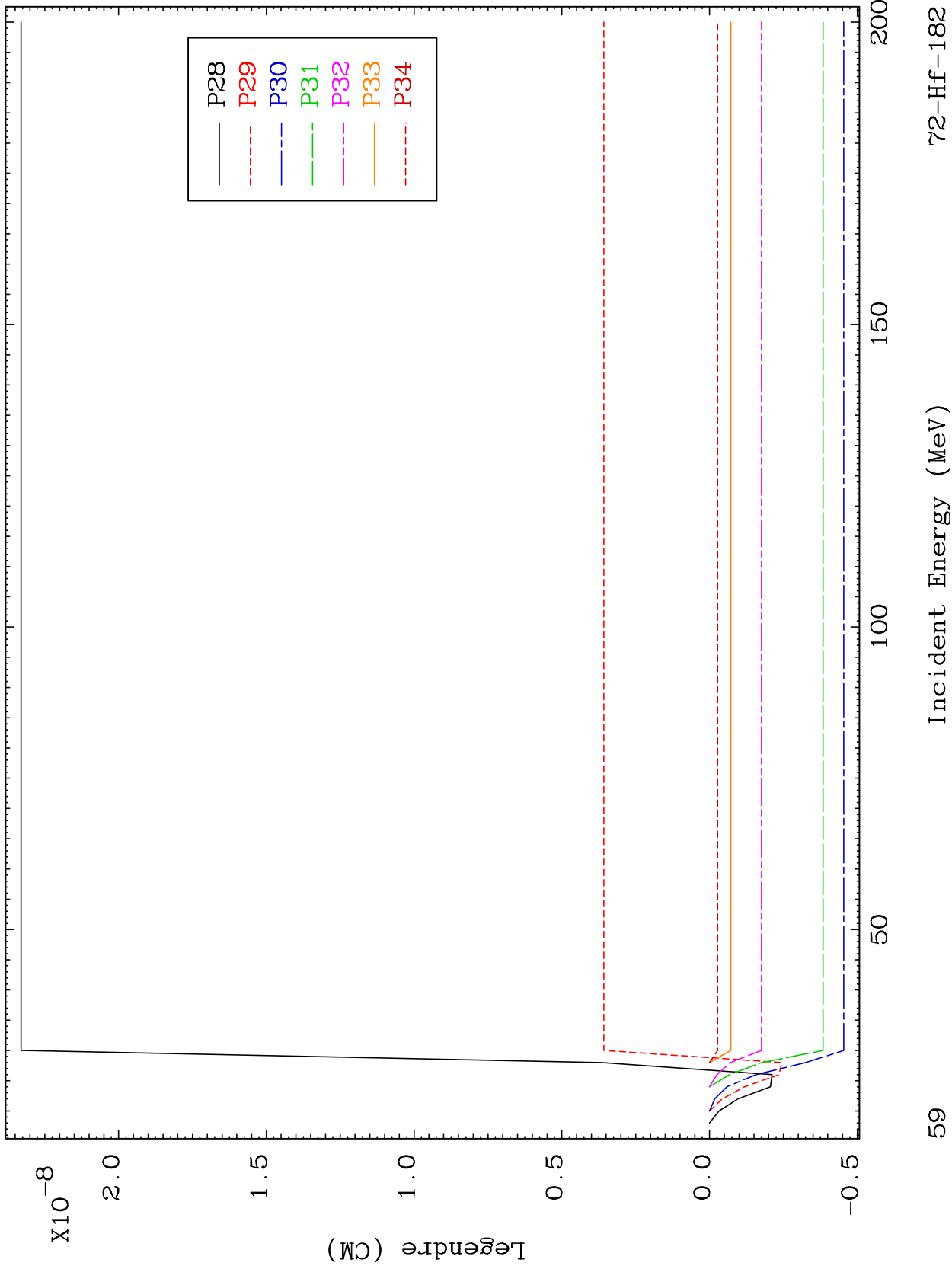
56

Incident Energy (MeV)

72-Hf-182



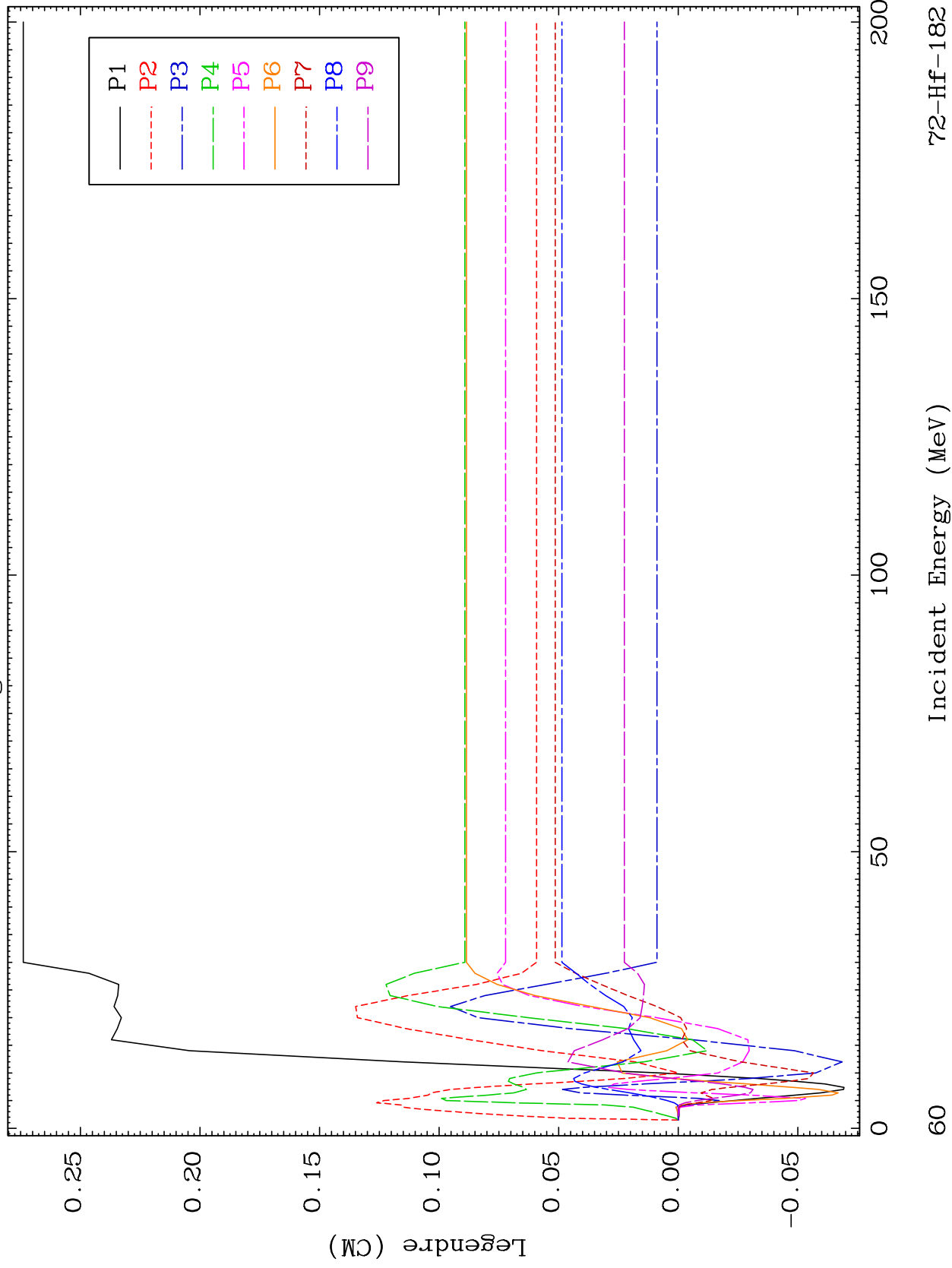




MAT 7249

1.465 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



72-Hf-182

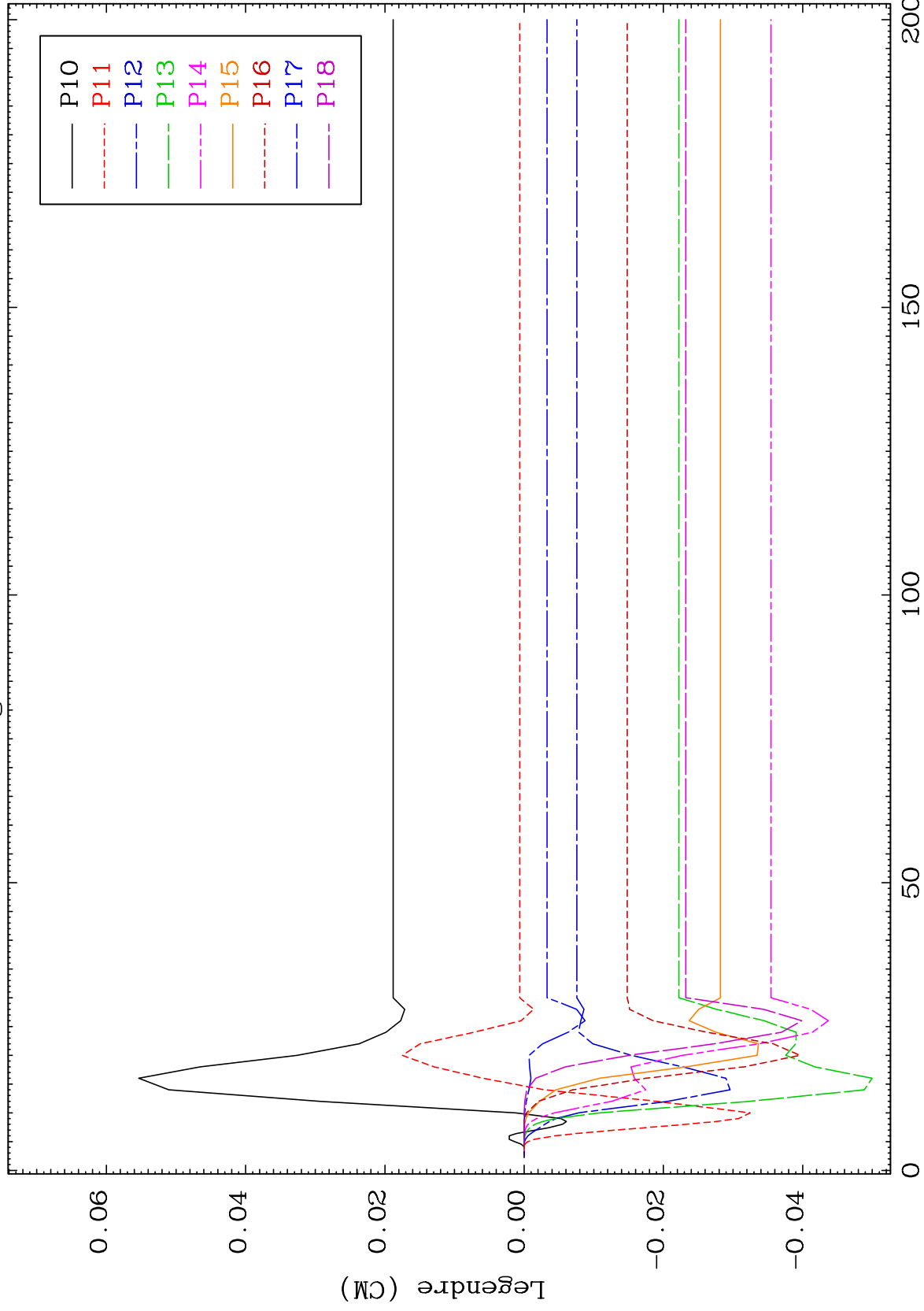
Incident Energy (MeV)

60

MAT 7249

1.465 MeV (n,n') Level
Legendre Coefficients

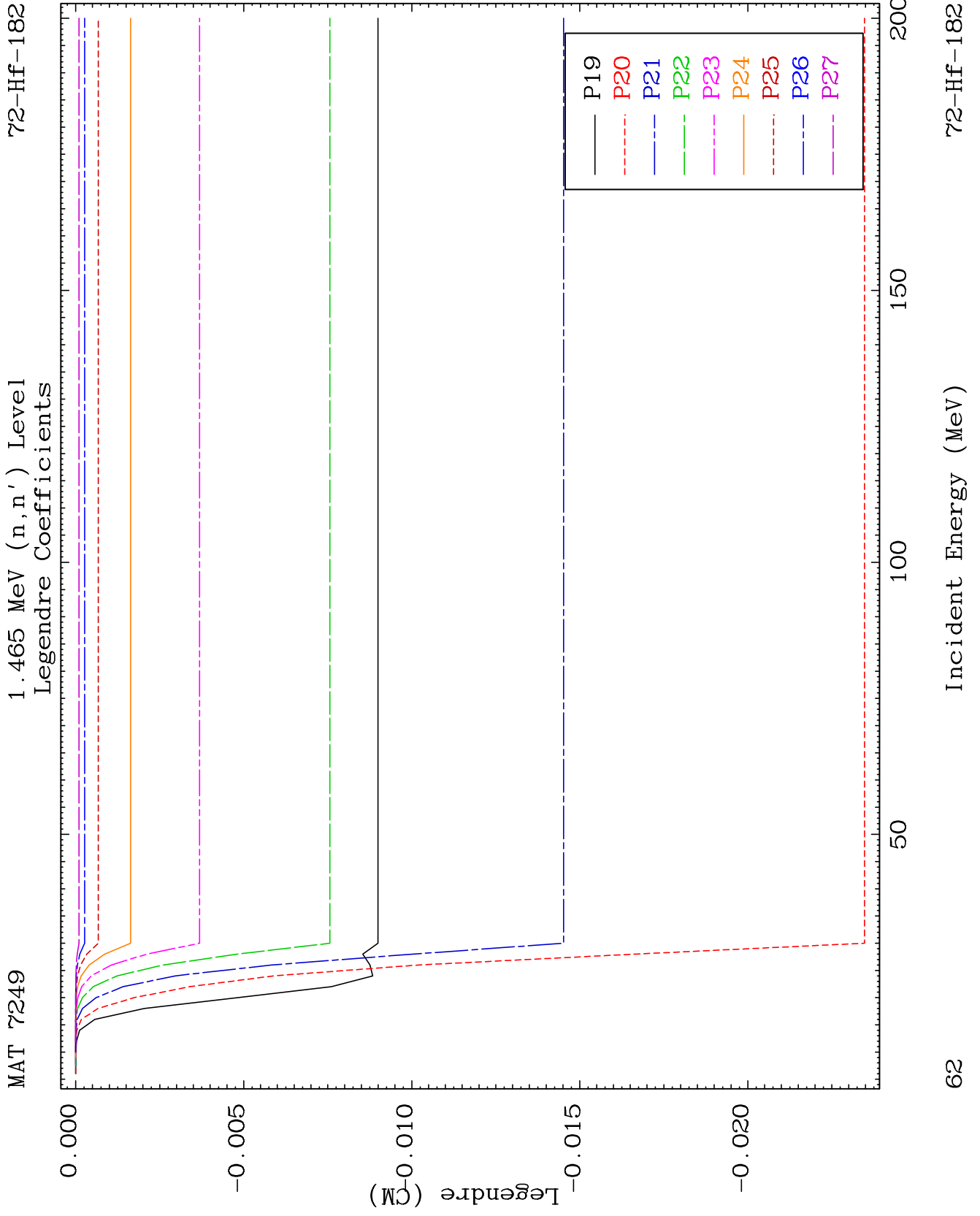
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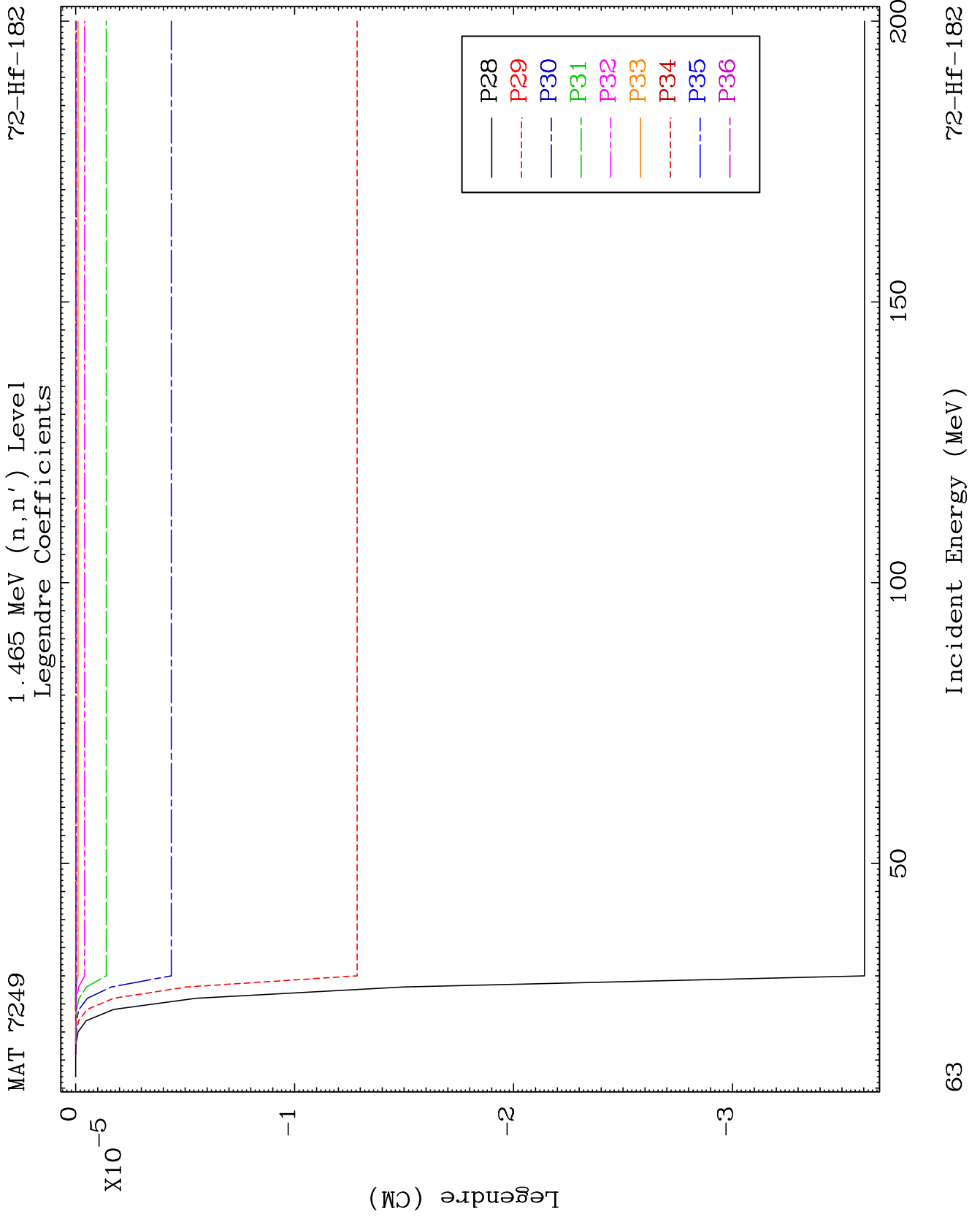


61

Incident Energy (MeV)

72-Hf-182

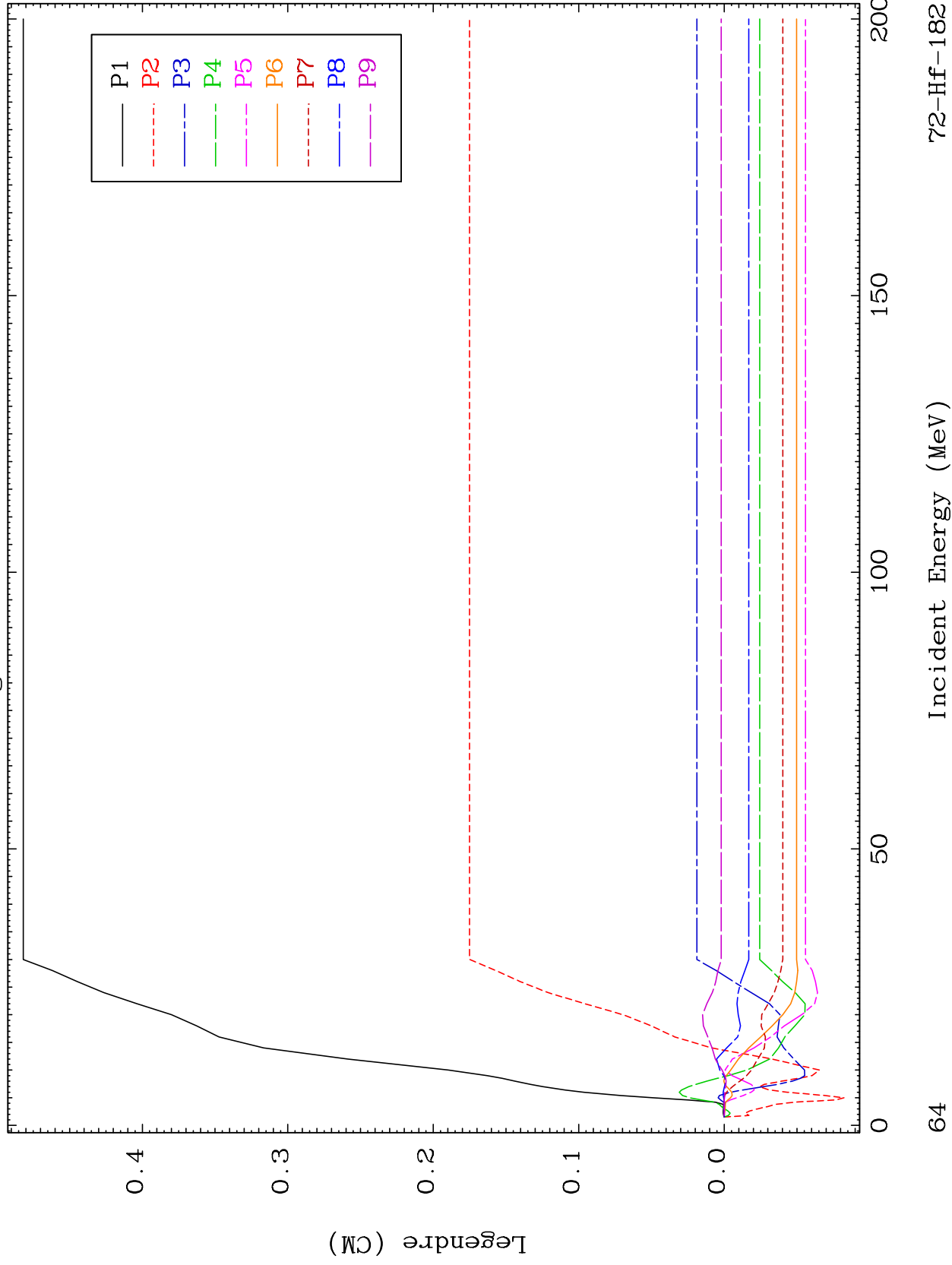




MAT 7249

1.497 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



72-Hf-182

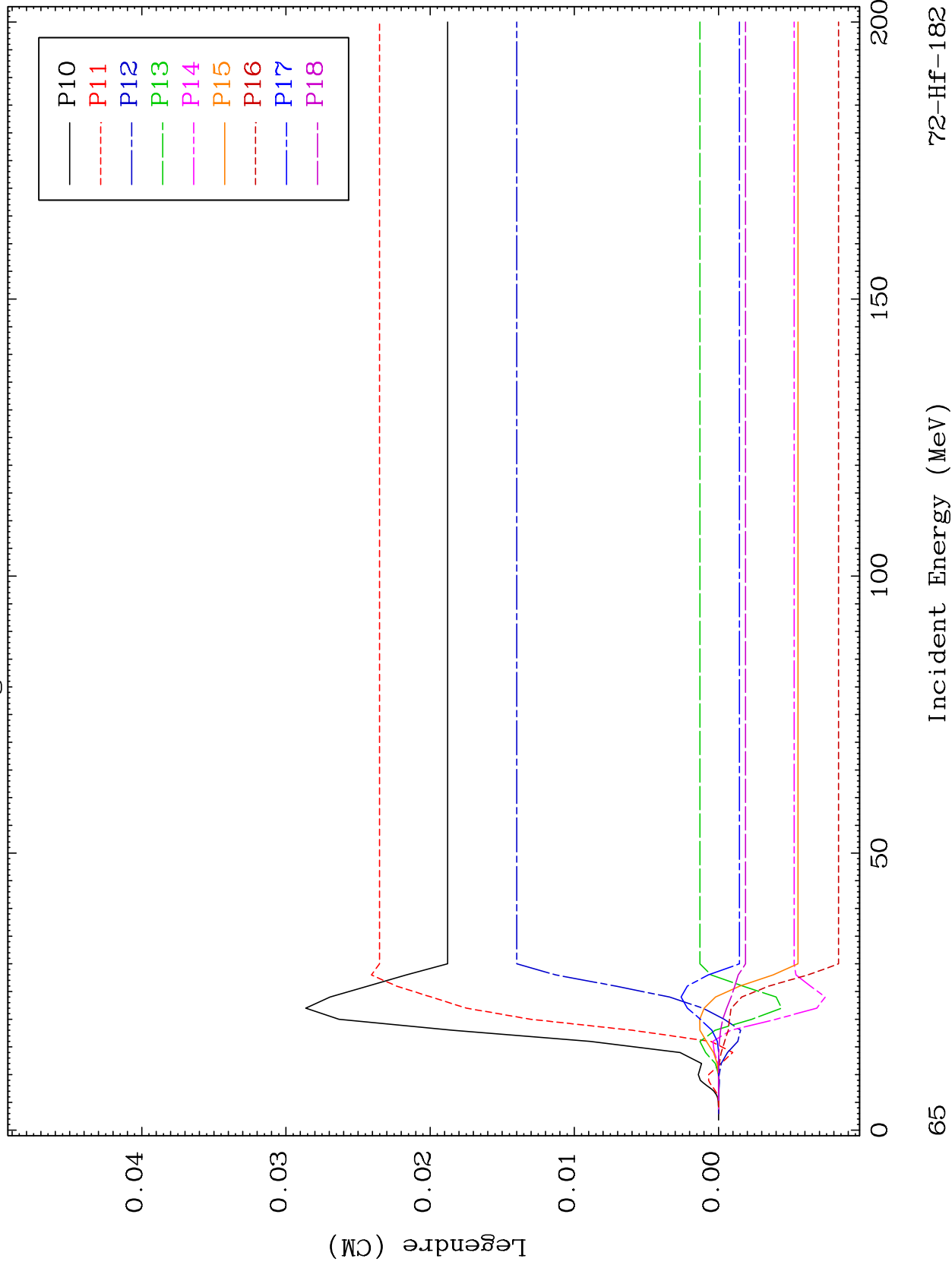
Incident Energy (MeV)

64

MAT 7249

1.497 MeV (n,n') Level
Legendre Coefficients

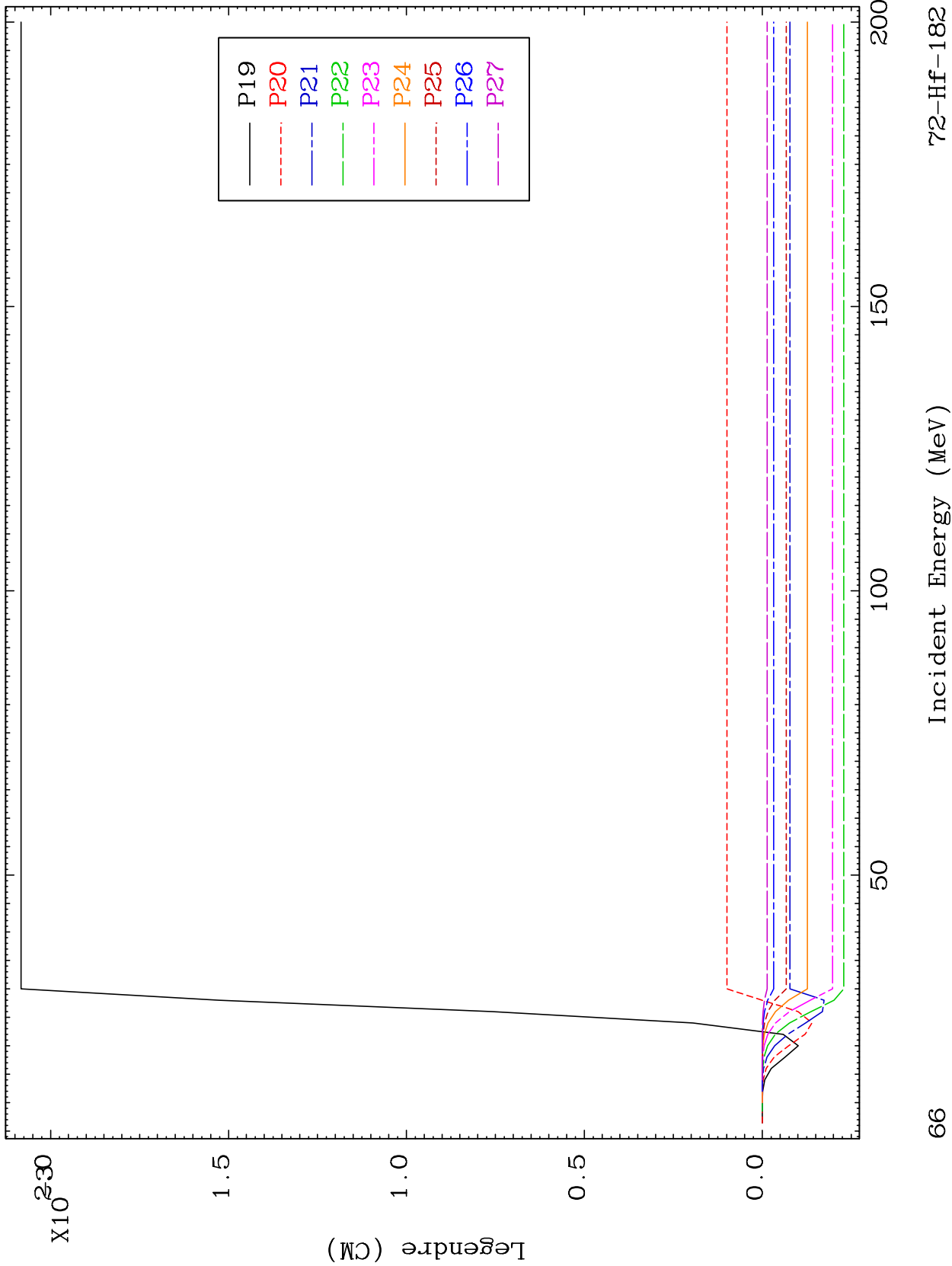
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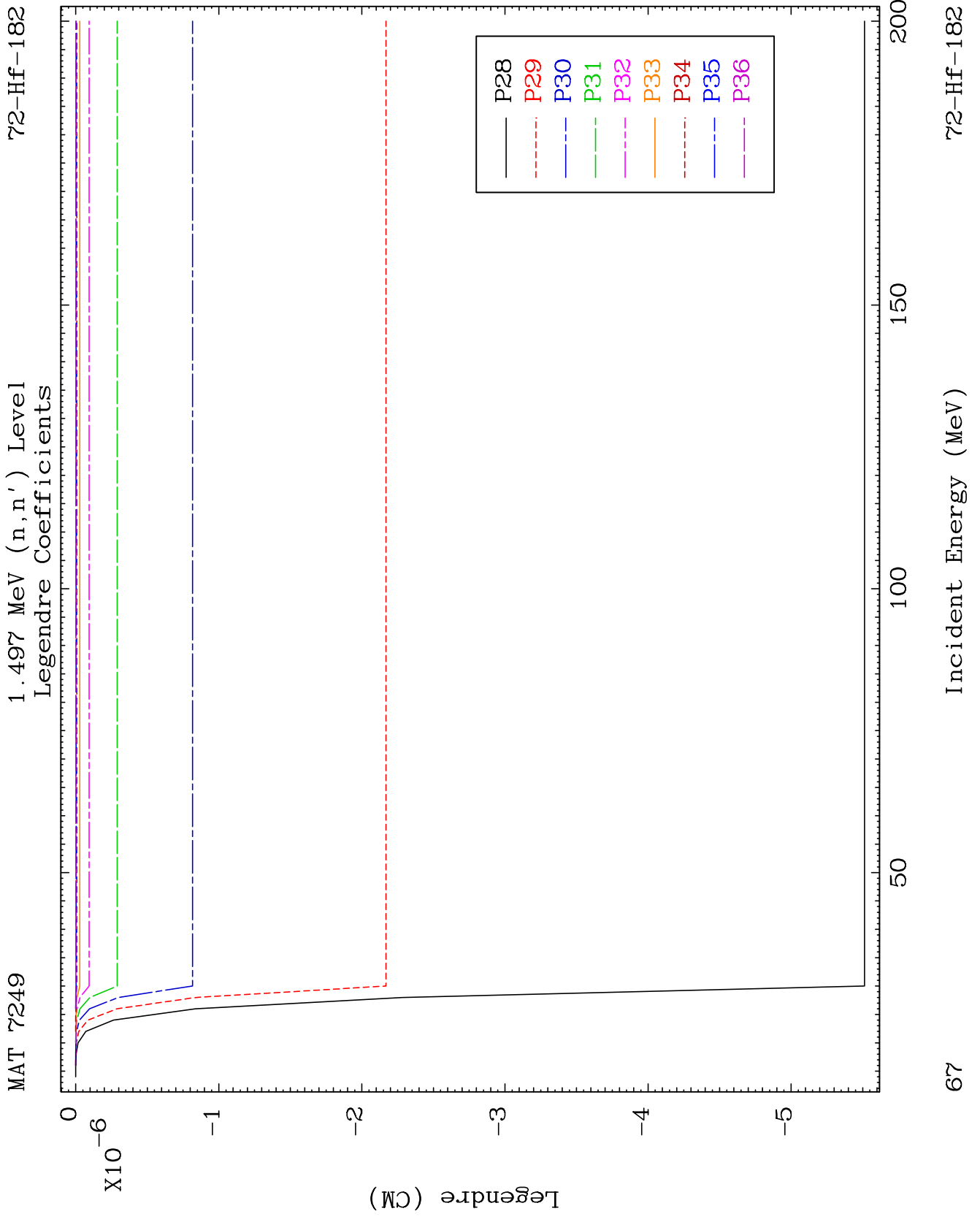


72-Hf-182

Incident Energy (MeV)

65

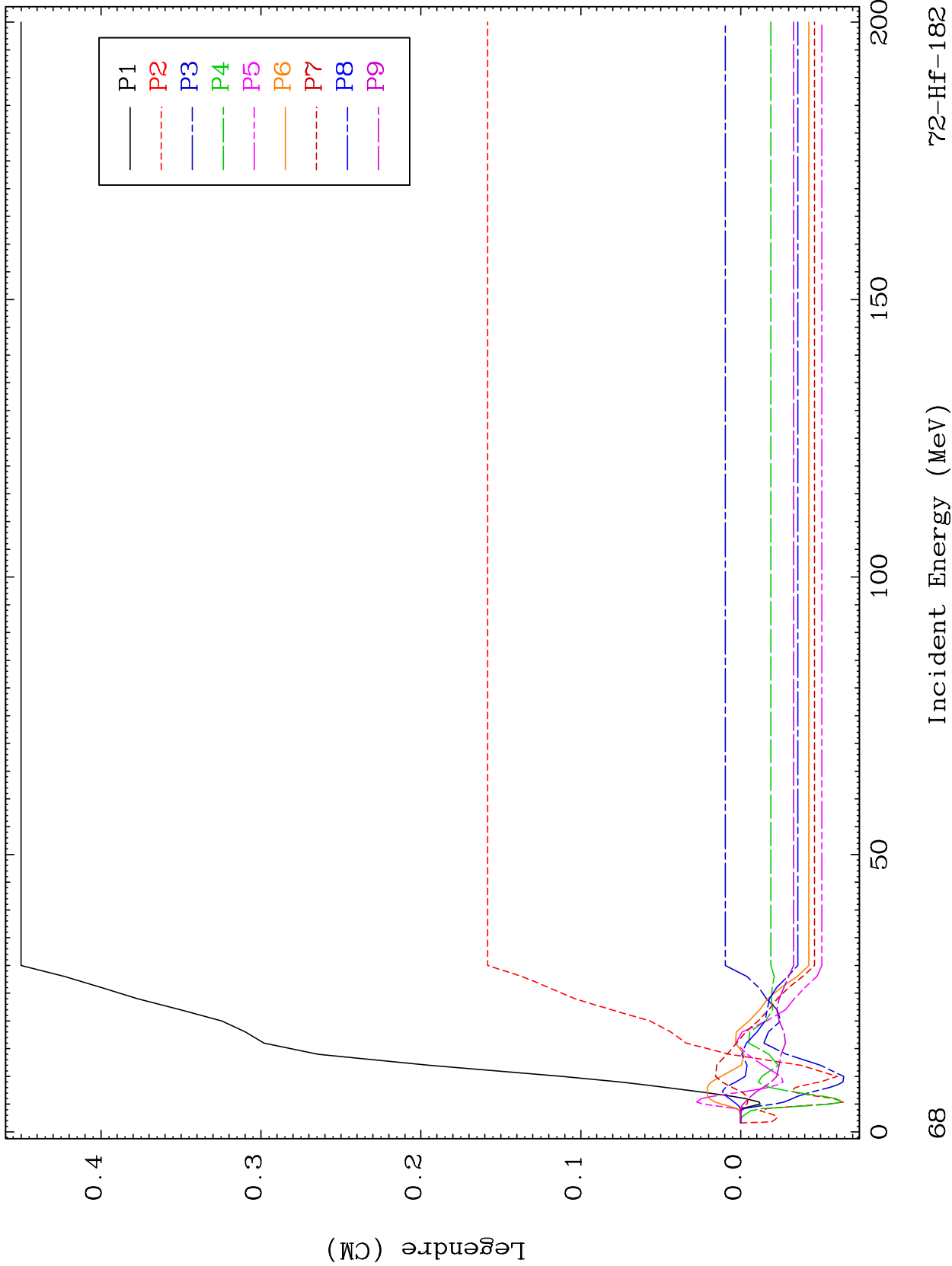




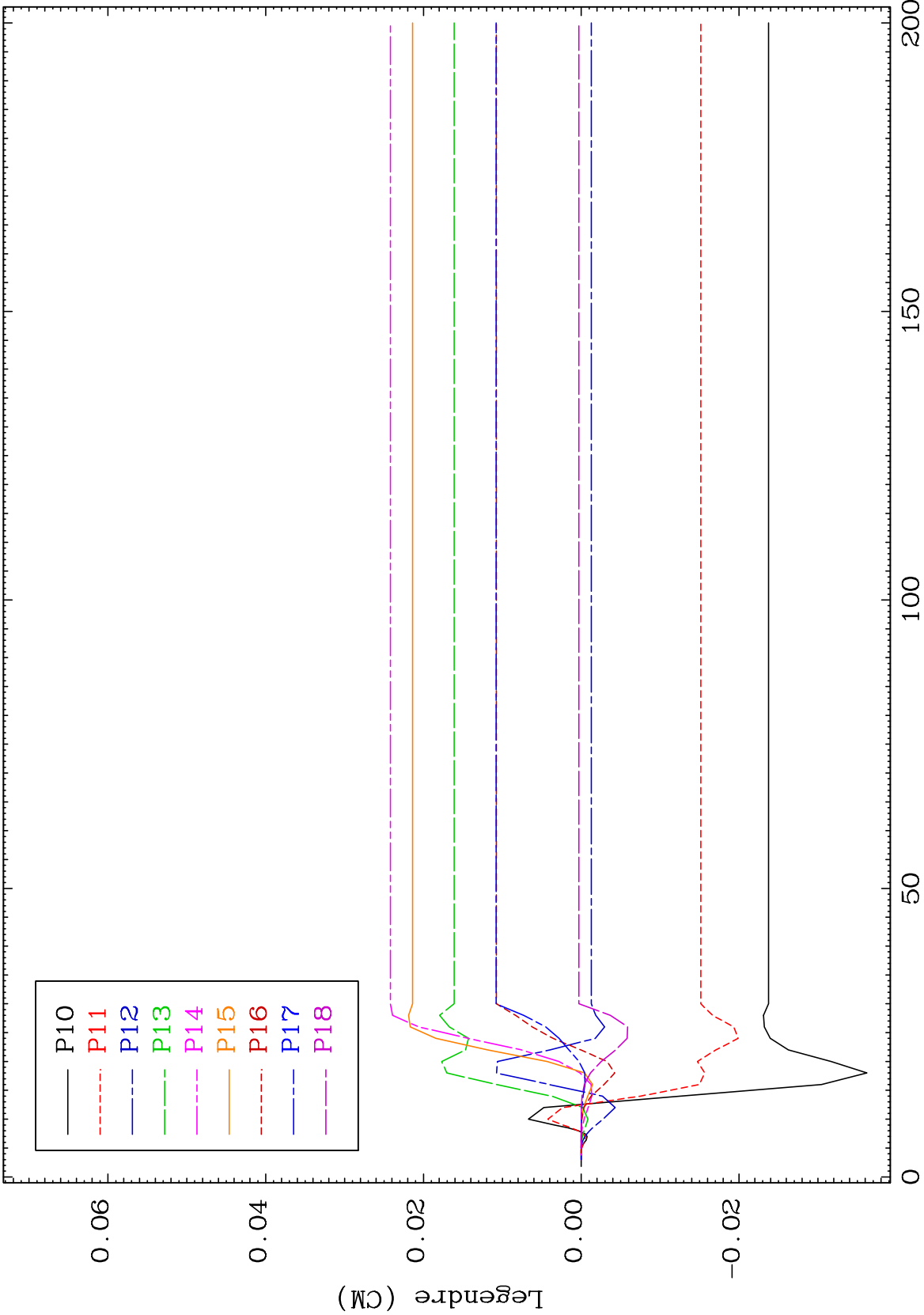
MAT 7249

1.590 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



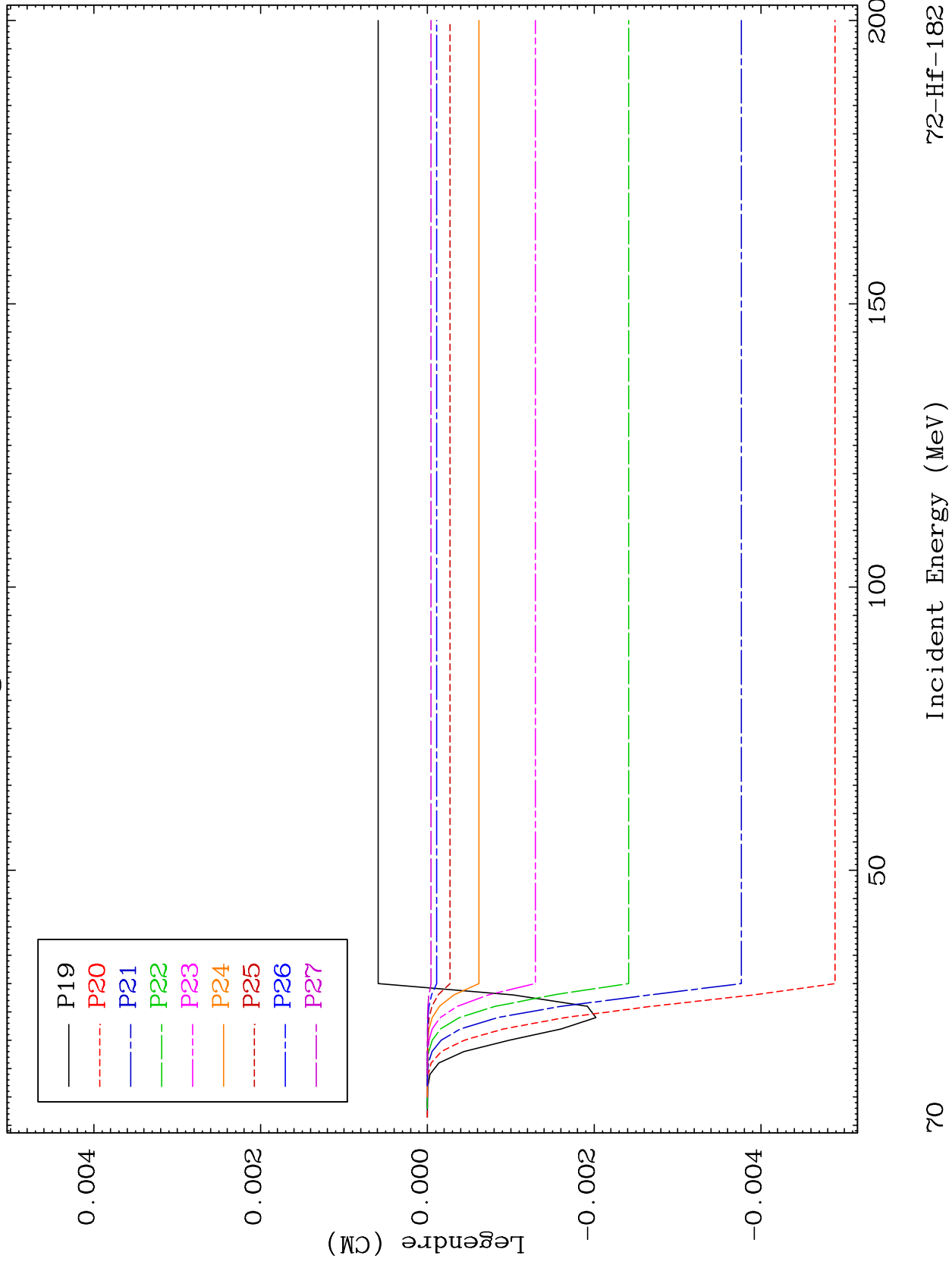
68



MAT 7249

1.590 MeV (n, n') Level
Legendre Coefficients

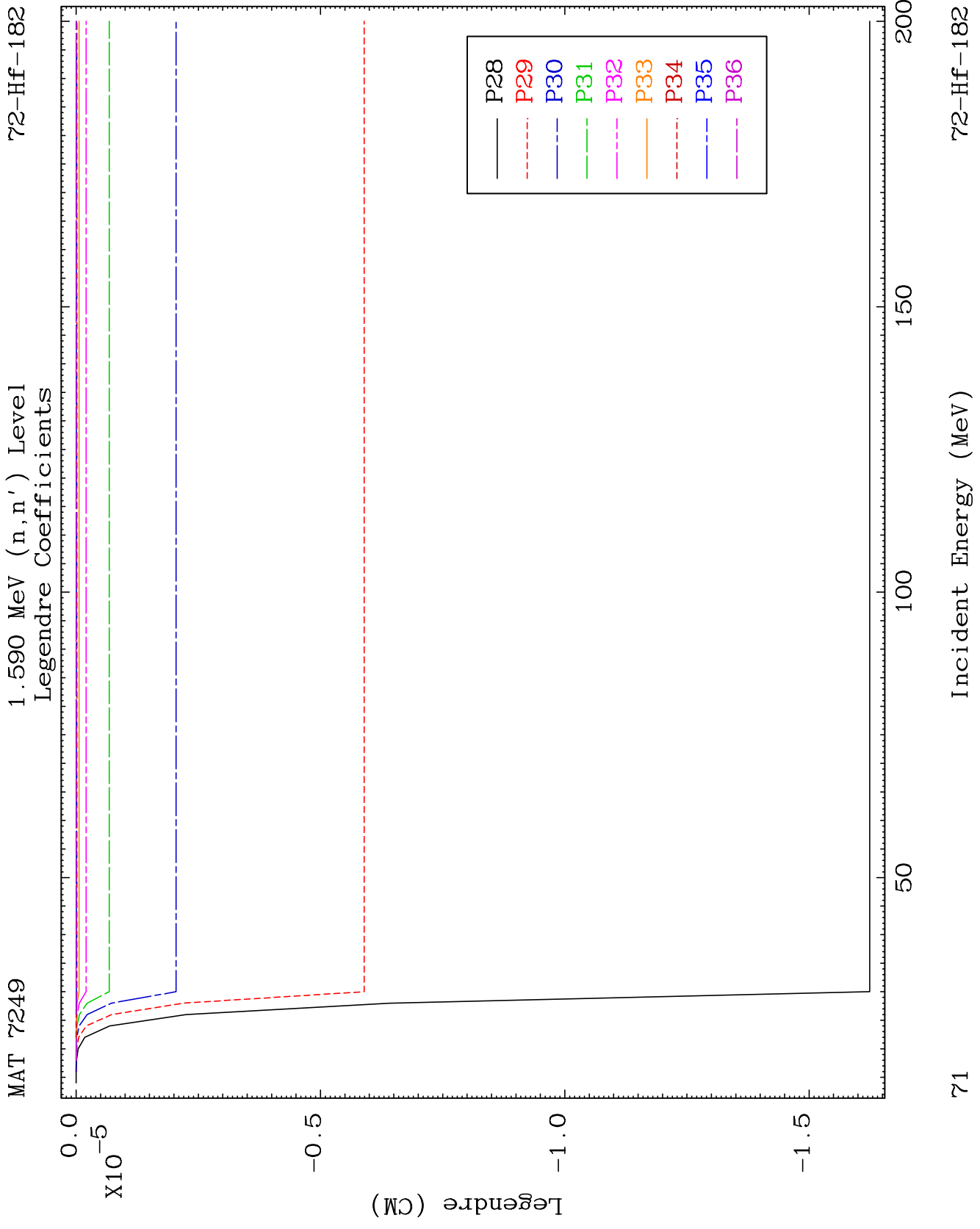
72-Hf-182



70

Incident Energy (MeV)

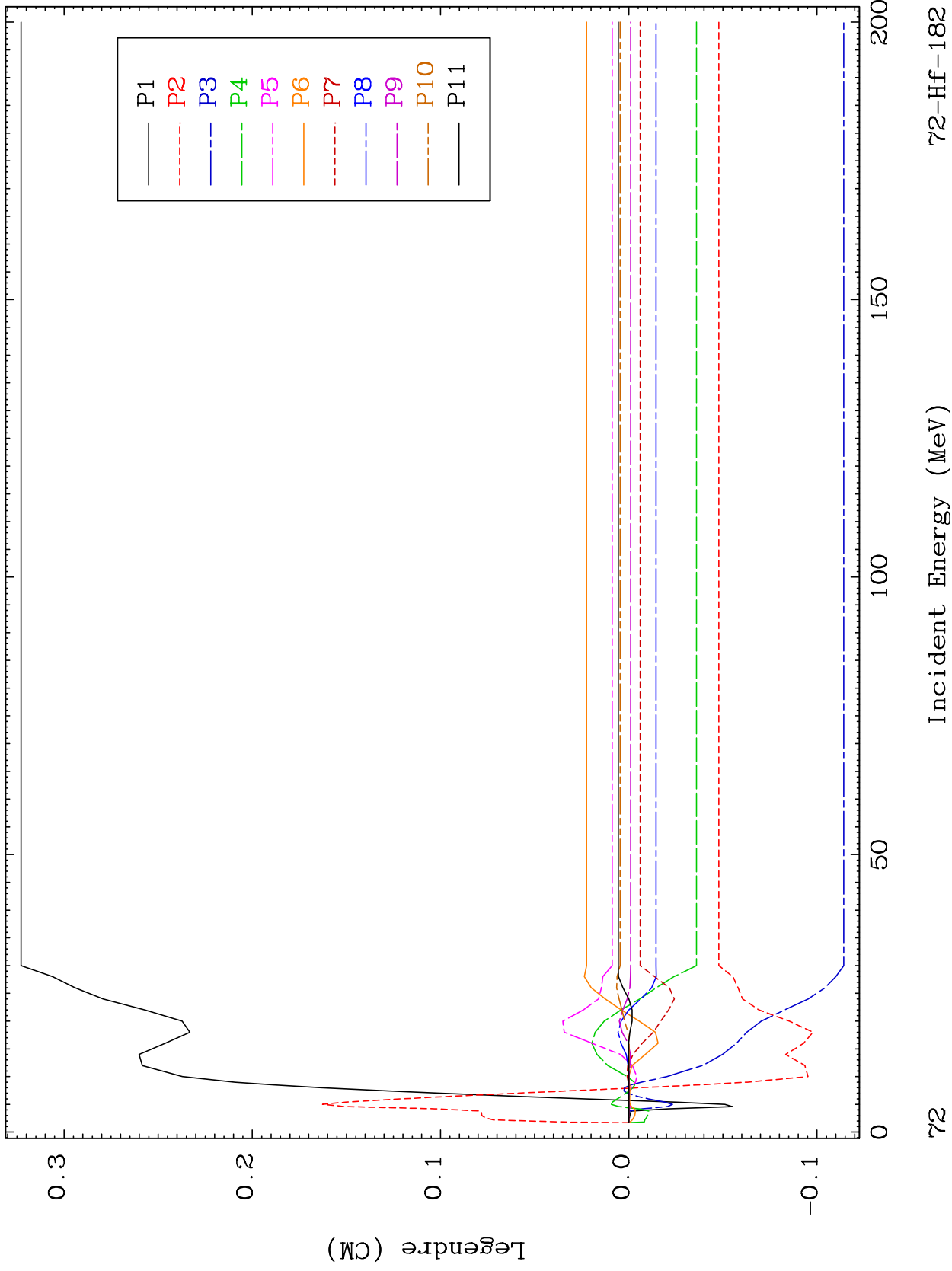
72-Hf-182



MAT 7249

1.680 MeV (n,n') Level
Legendre Coefficients

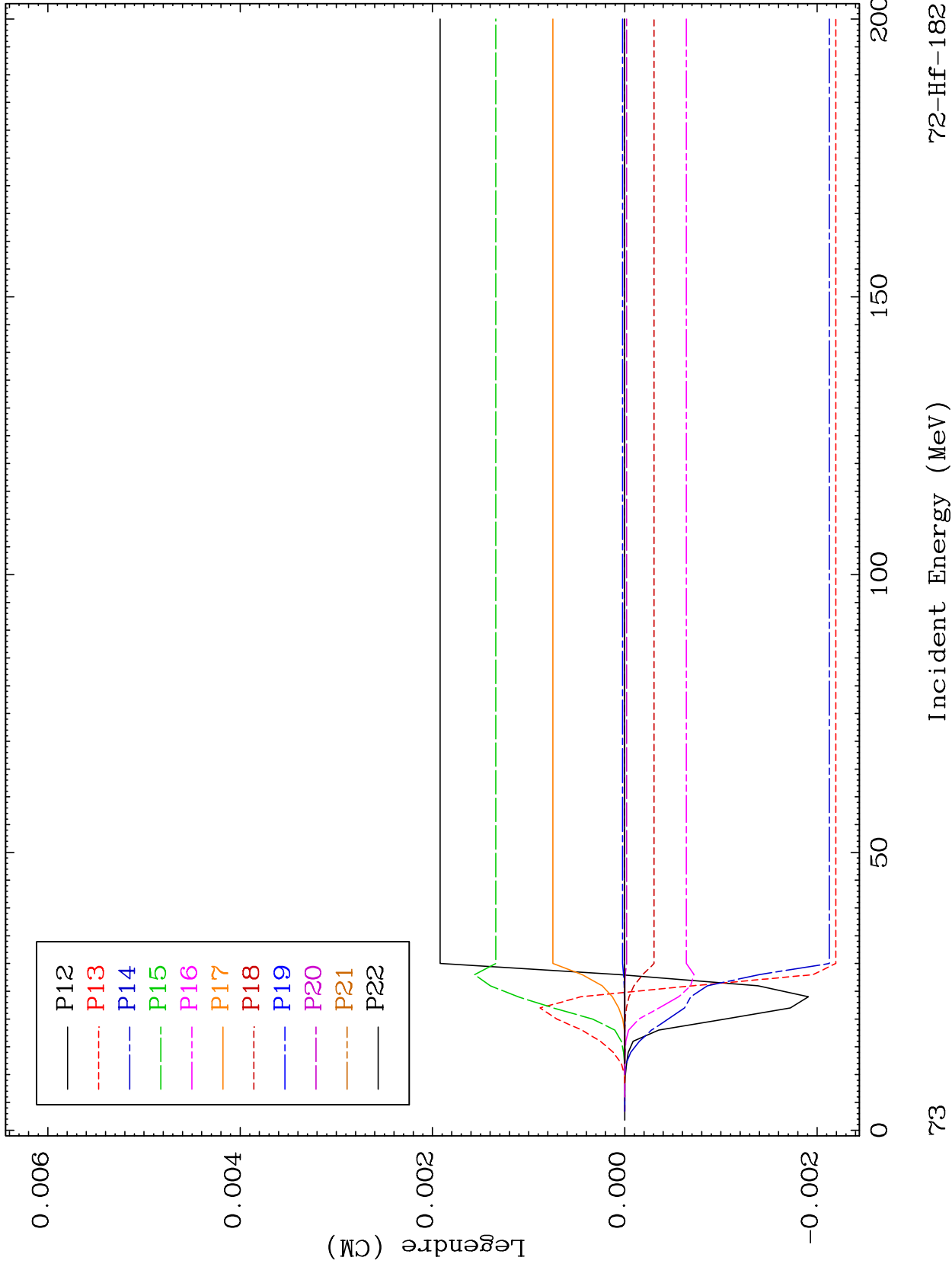
72-Hf-182



MAT 7249

1.680 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



73

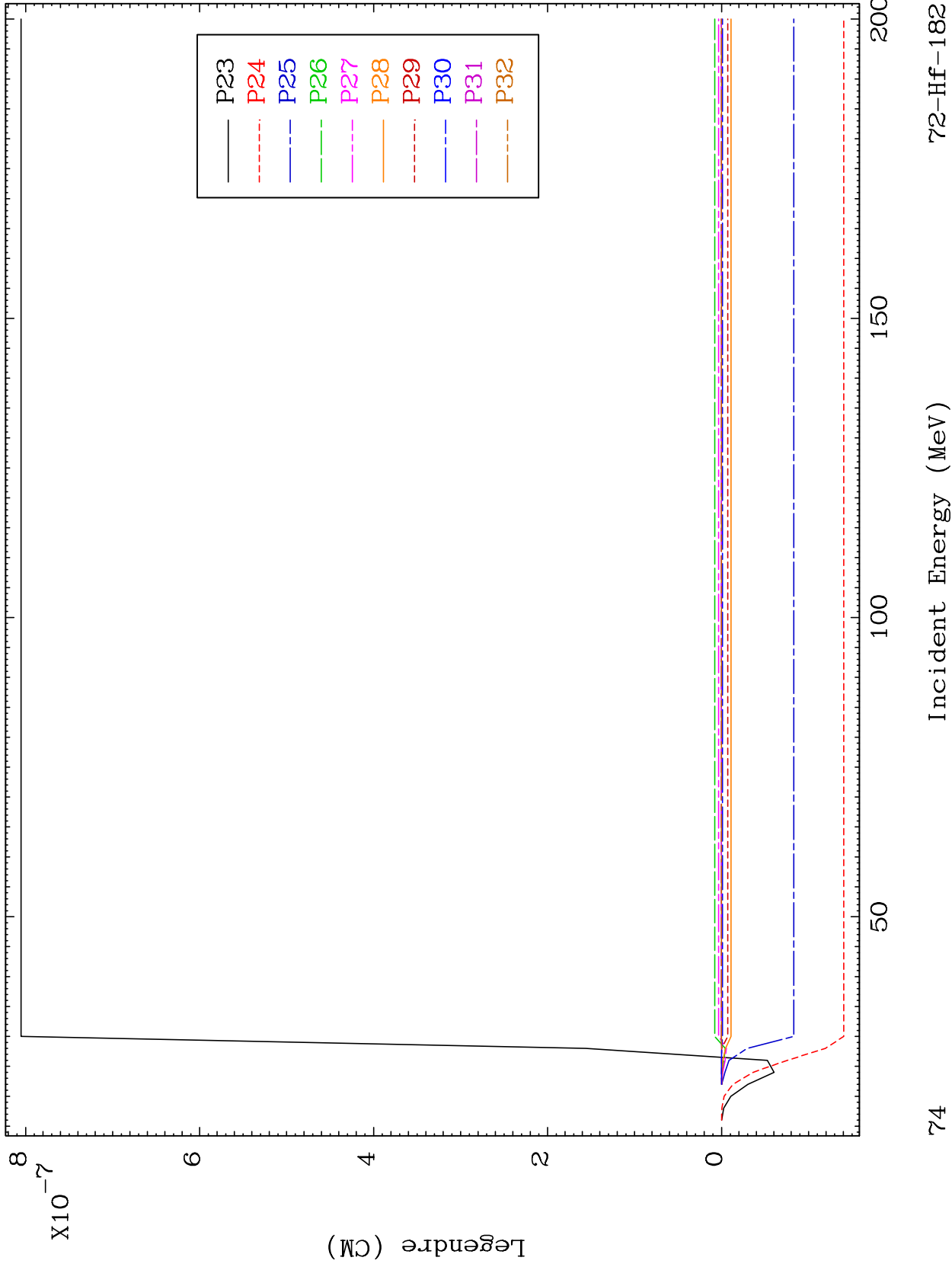
Incident Energy (MeV)

72-Hf-182

MAT 7249

1.680 MeV (n,n') Level
Legendre Coefficients

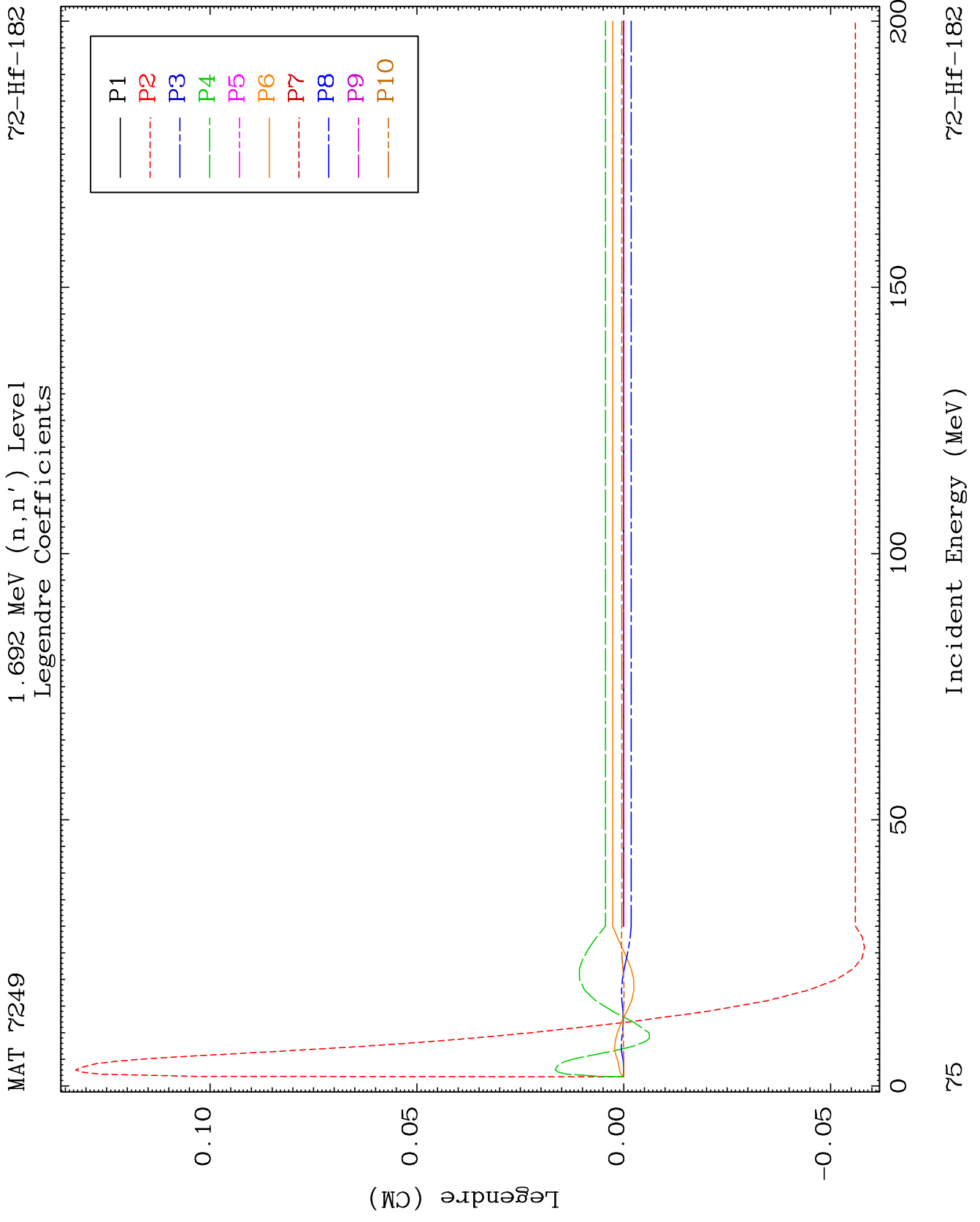
72-Hf-182



74

Incident Energy (MeV)

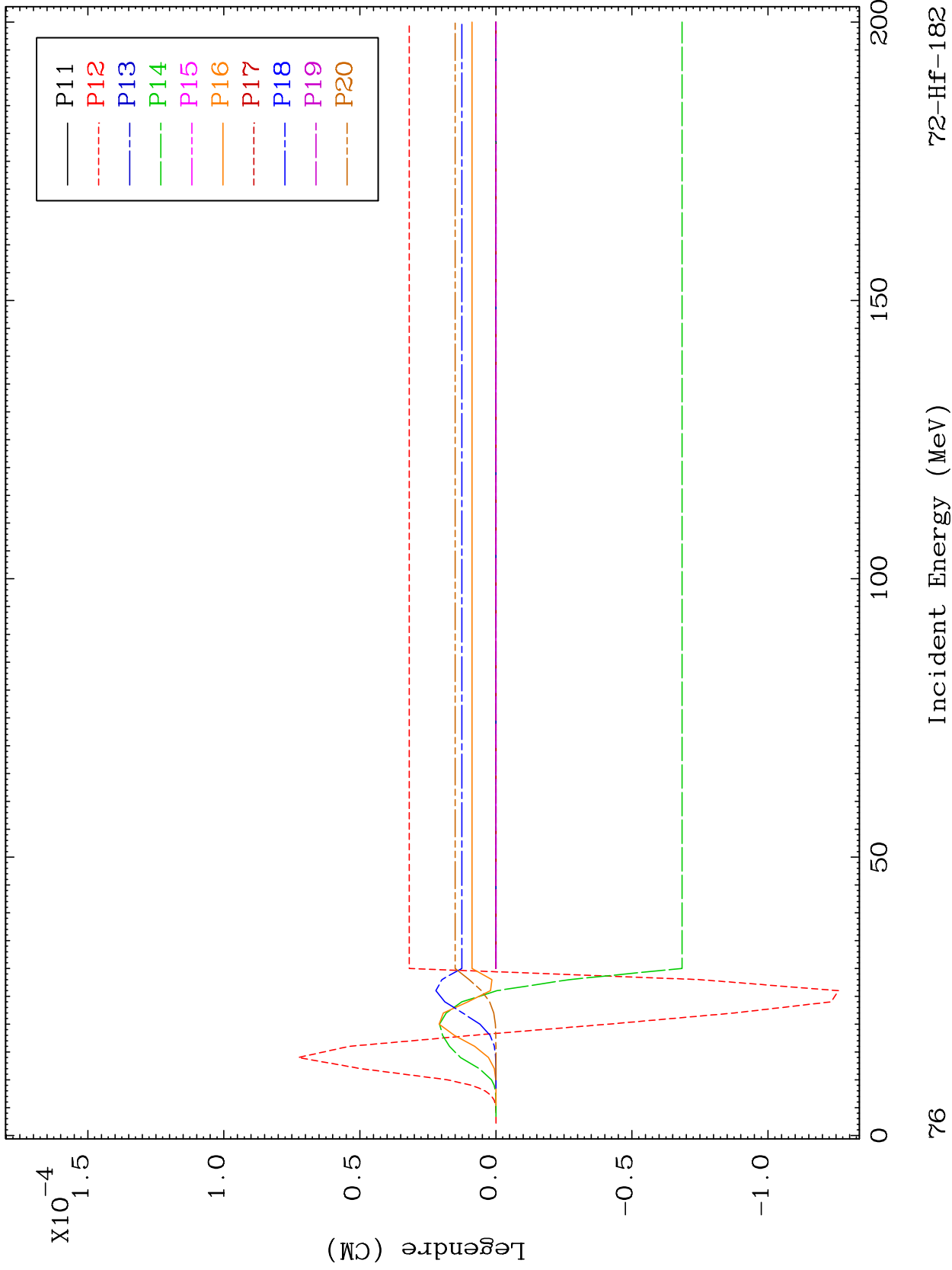
72-Hf-182



MAT 7249

1.692 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



76

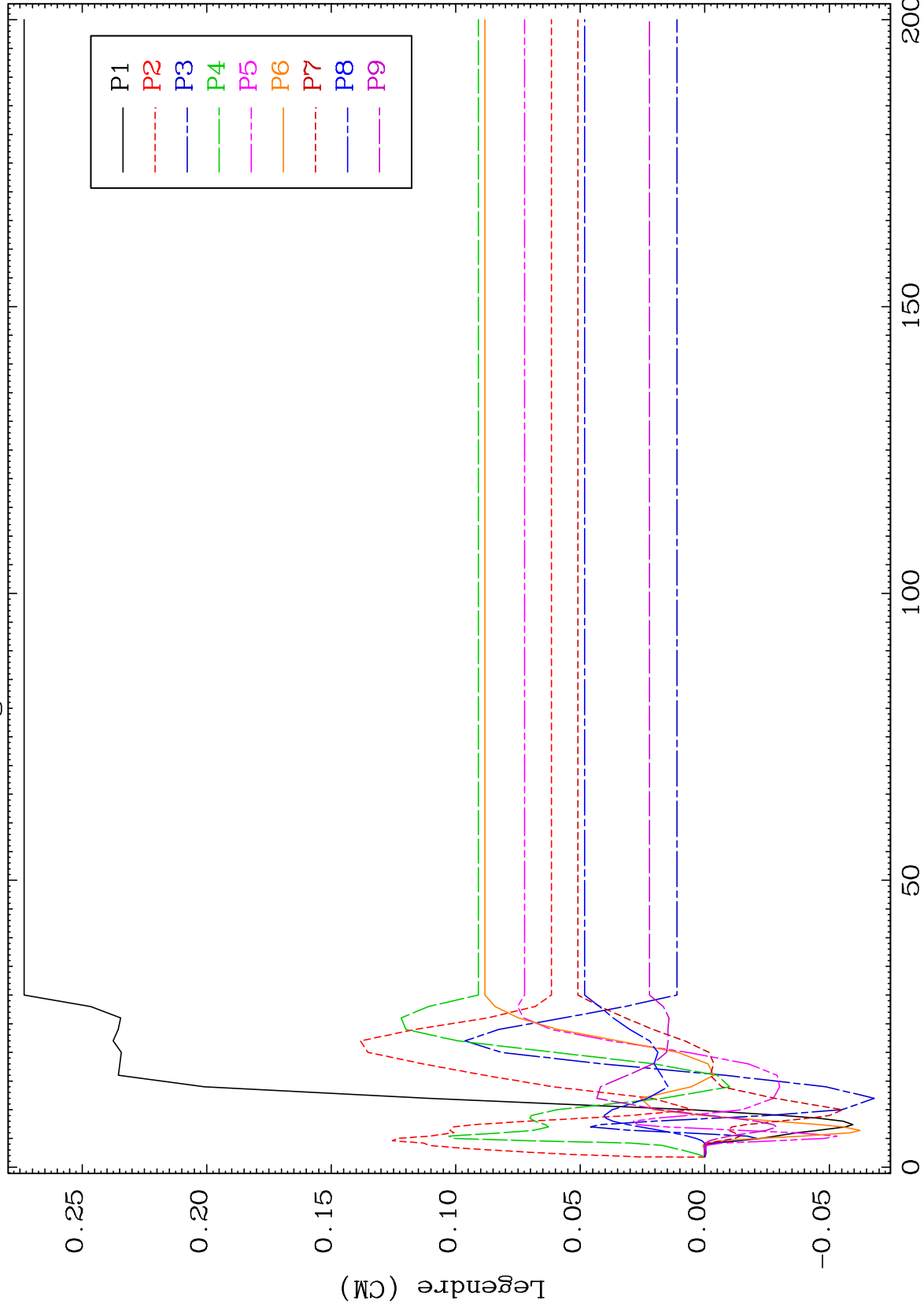
Incident Energy (MeV)

72-Hf-182

MAT 7249

1.724 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



78

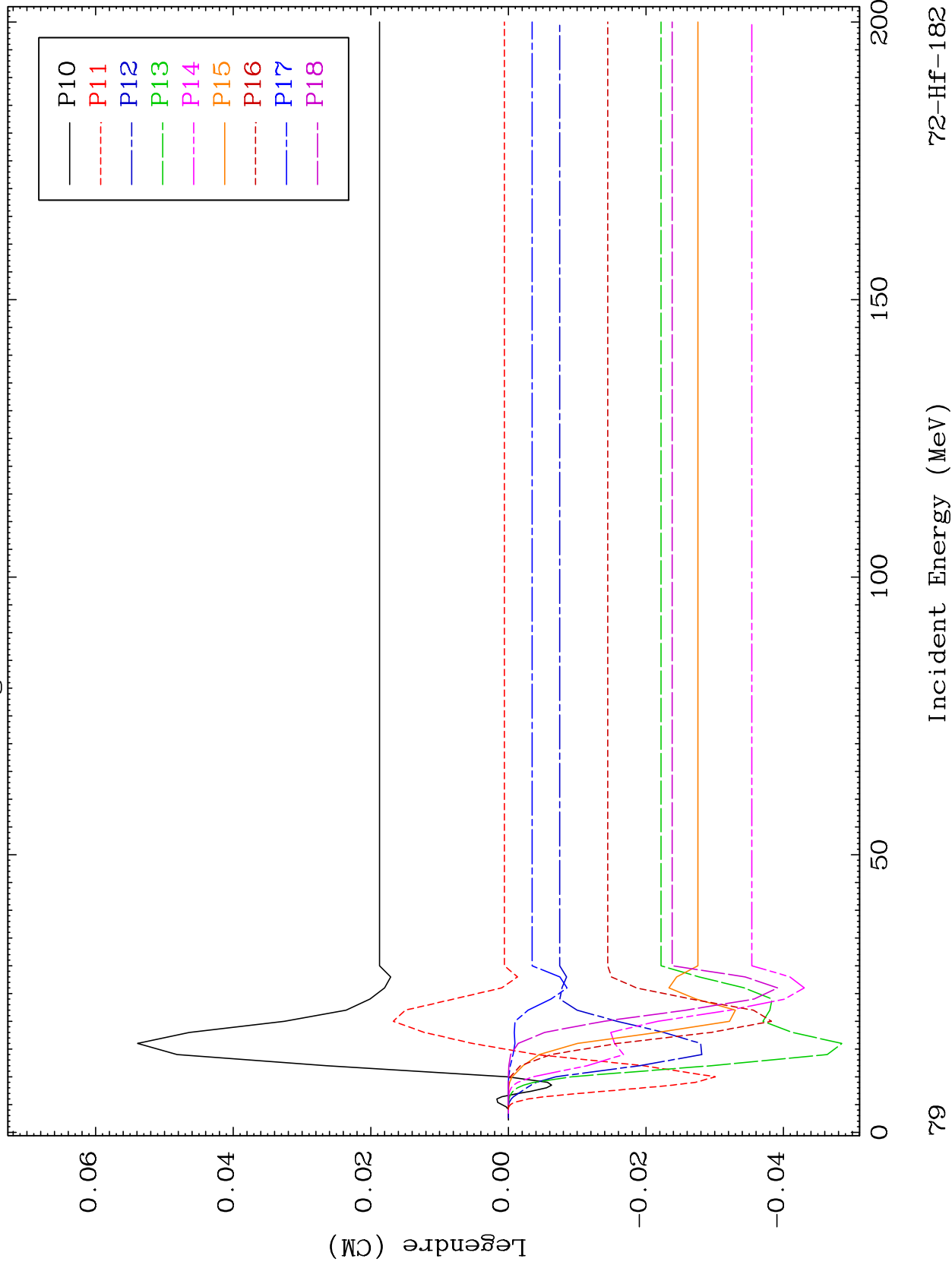
Incident Energy (MeV)

72-Hf-182

MAT 7249

1.724 MeV (n,n') Level
Legendre Coefficients

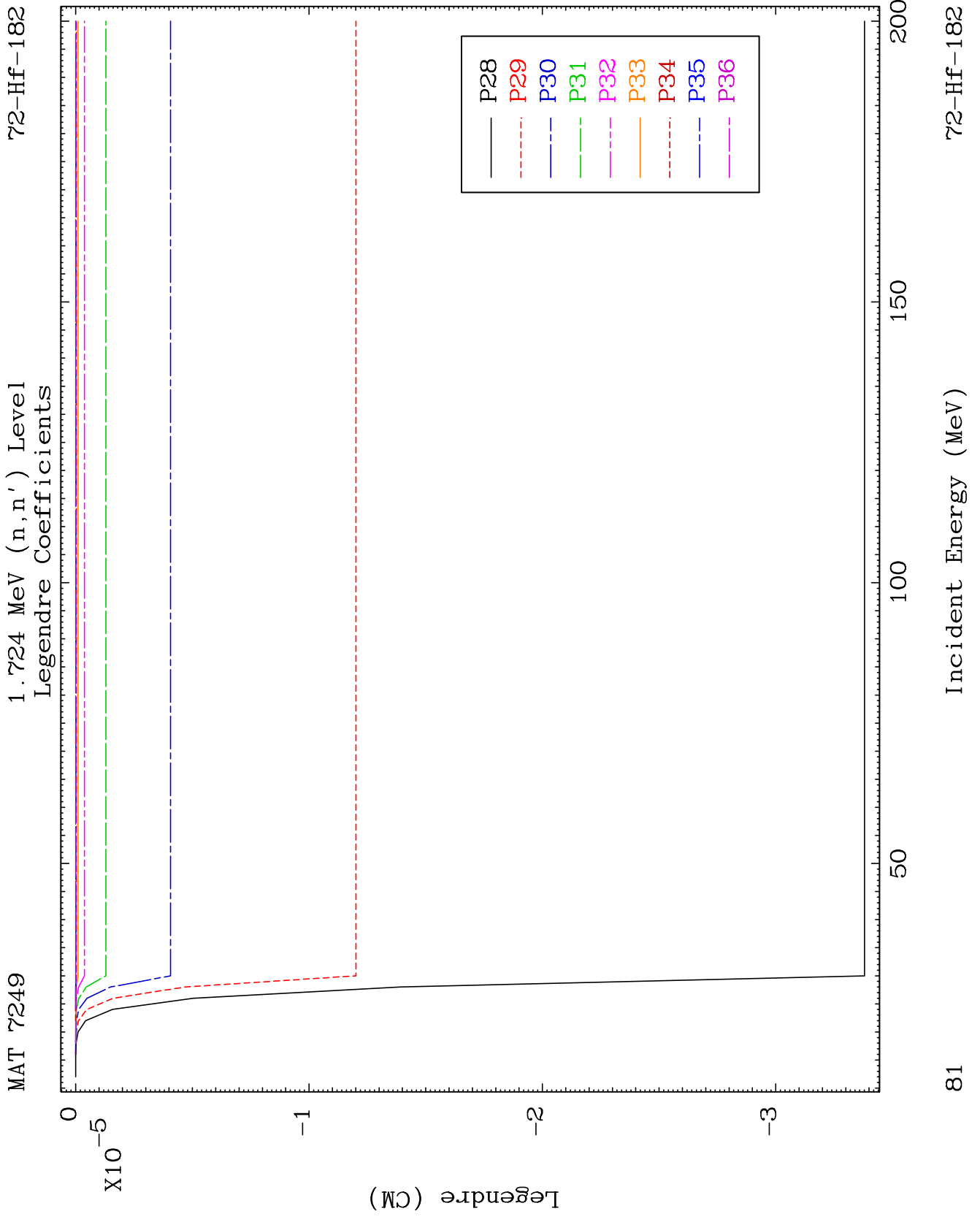
72-Hf-182



79

Incident Energy (MeV)

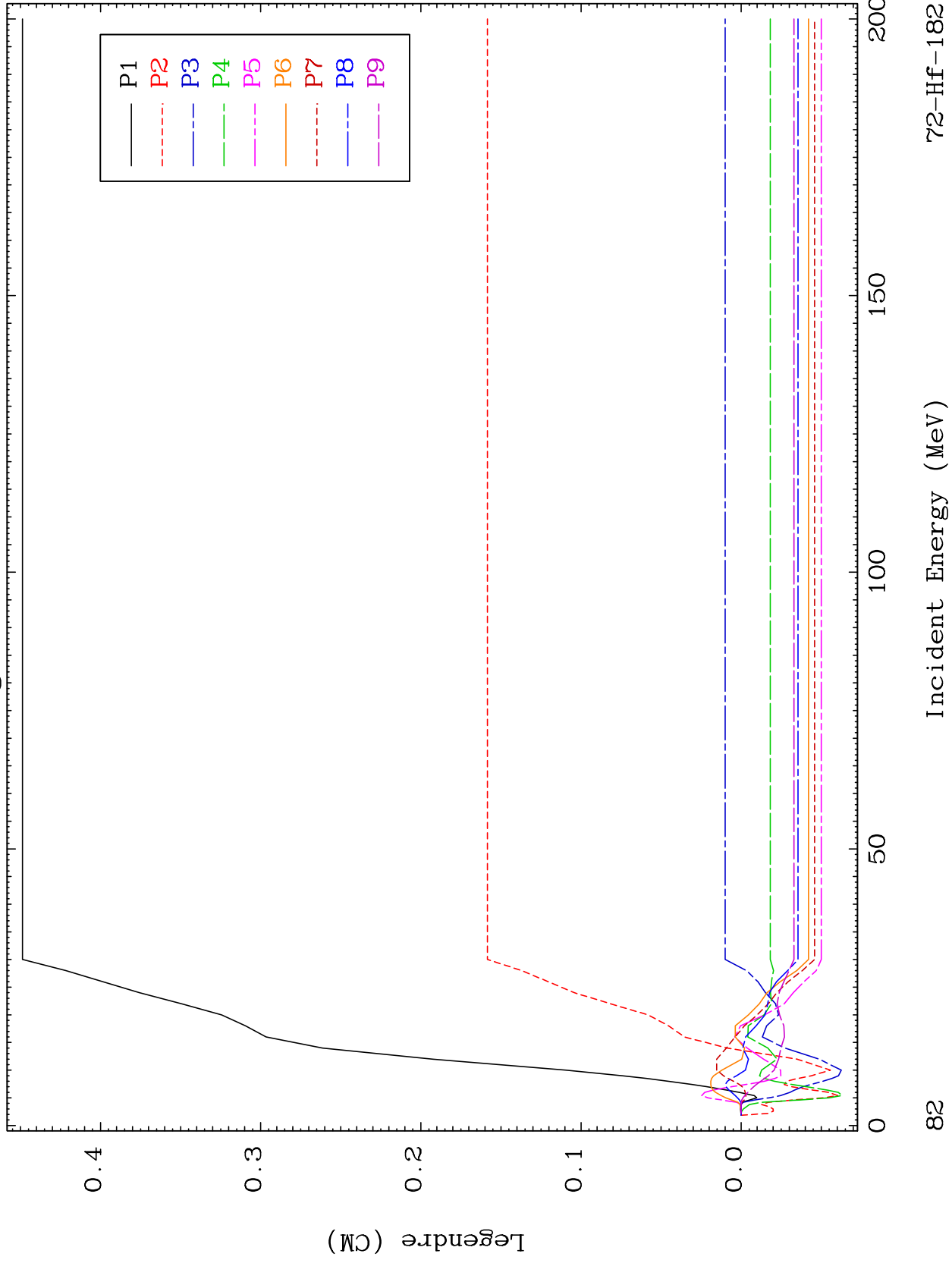
72-Hf-182



MAT 7249

1.829 MeV (n,n') Level
Legendre Coefficients

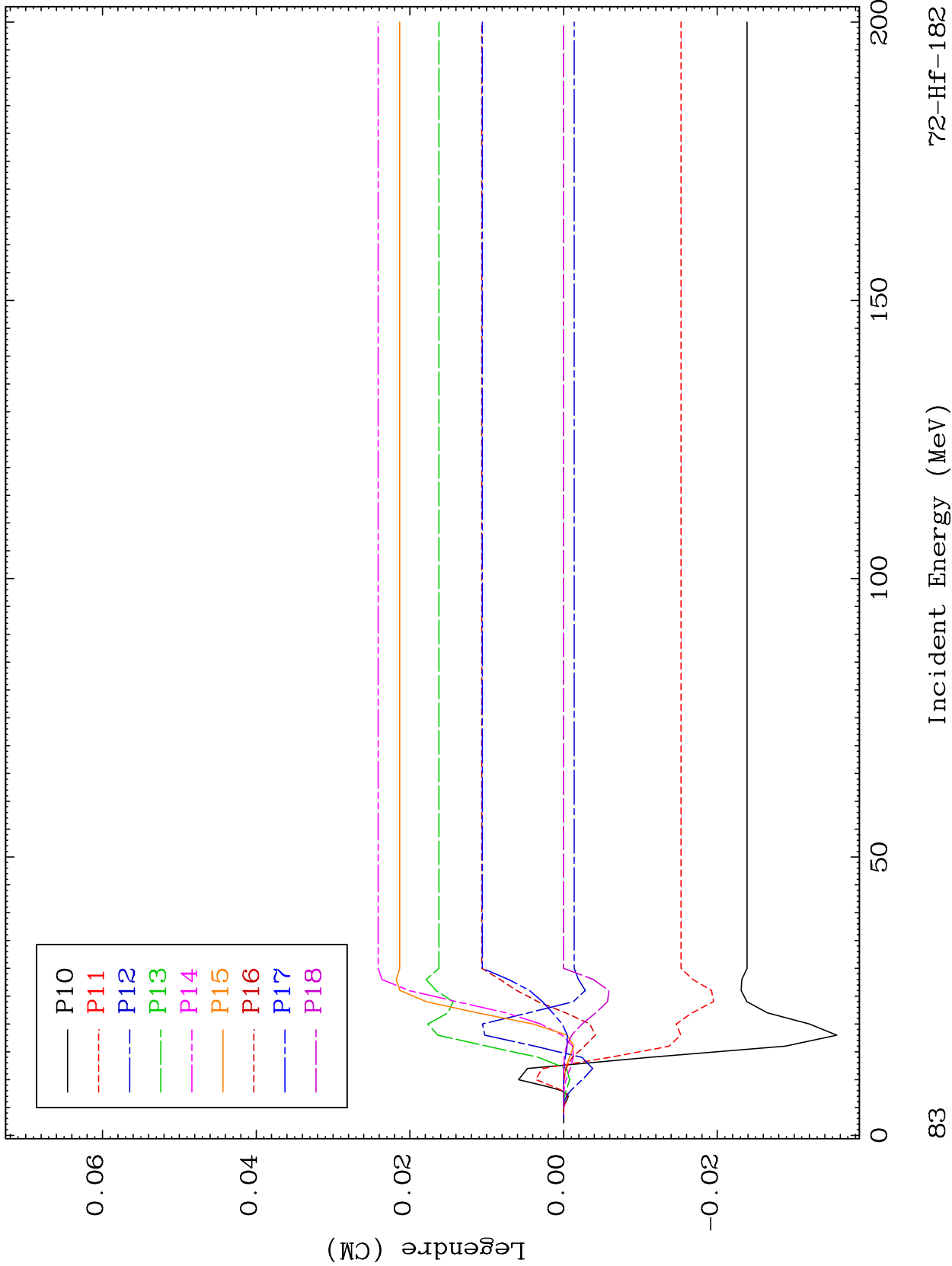
72-Hf-182

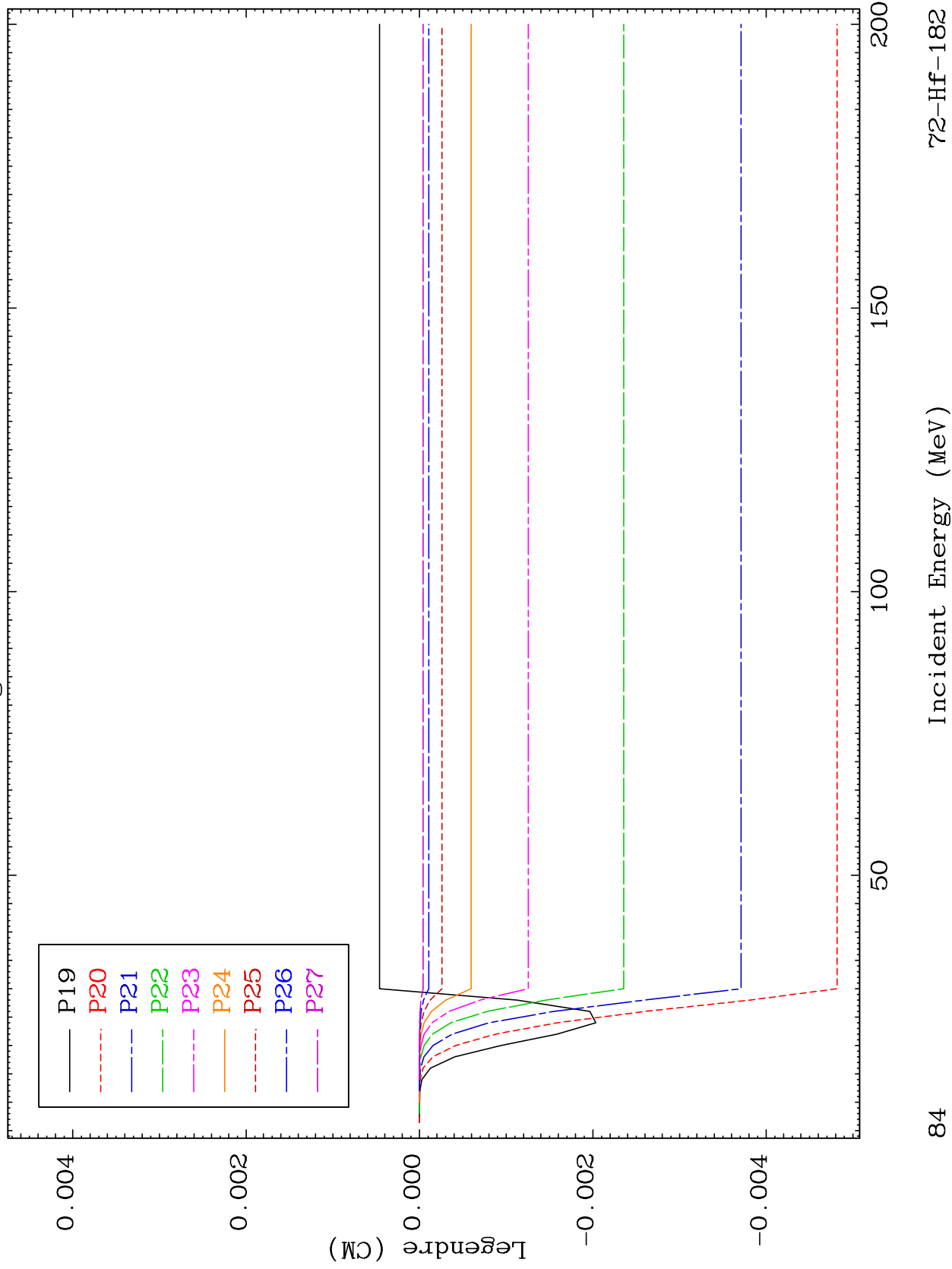


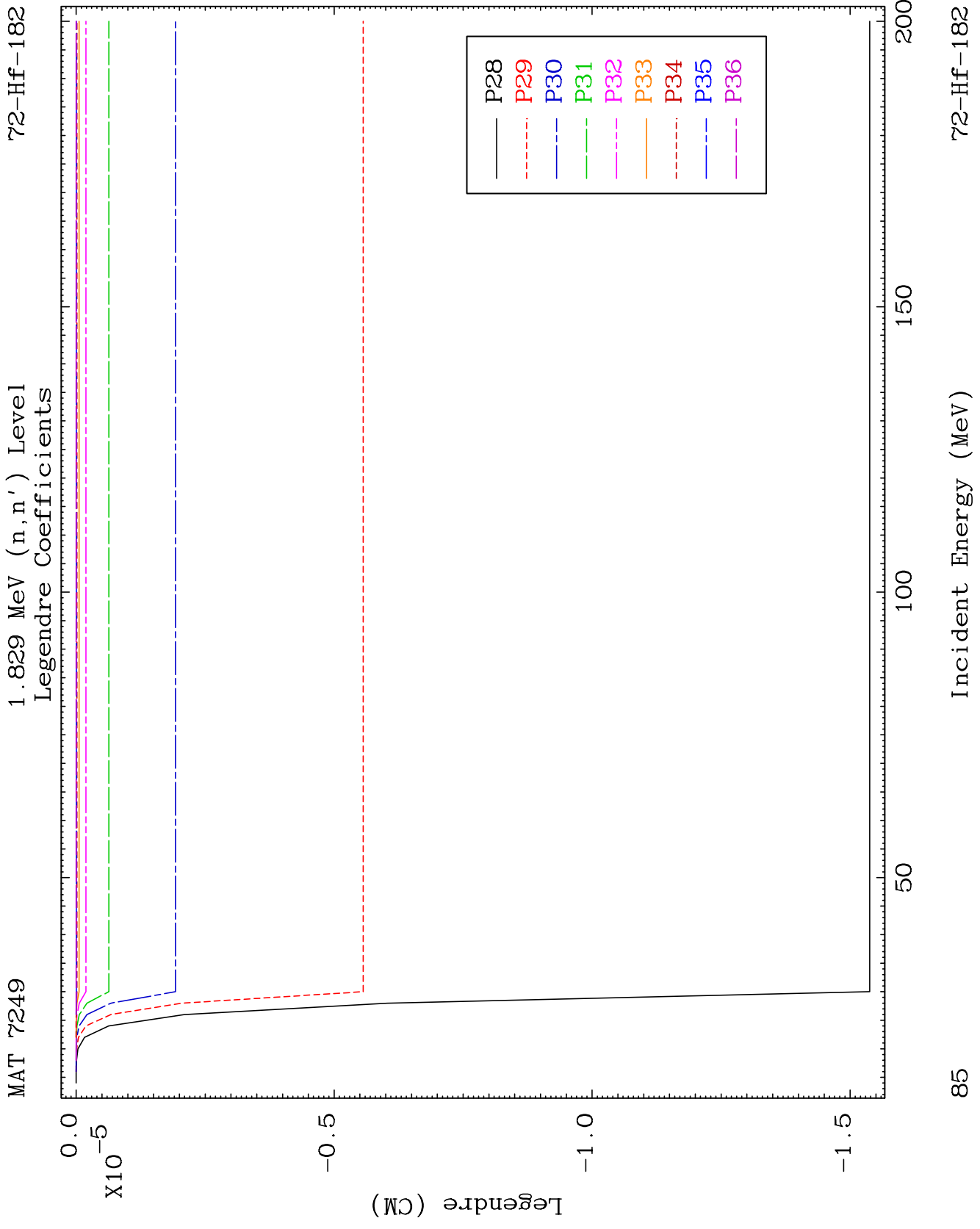
72-Hf-182

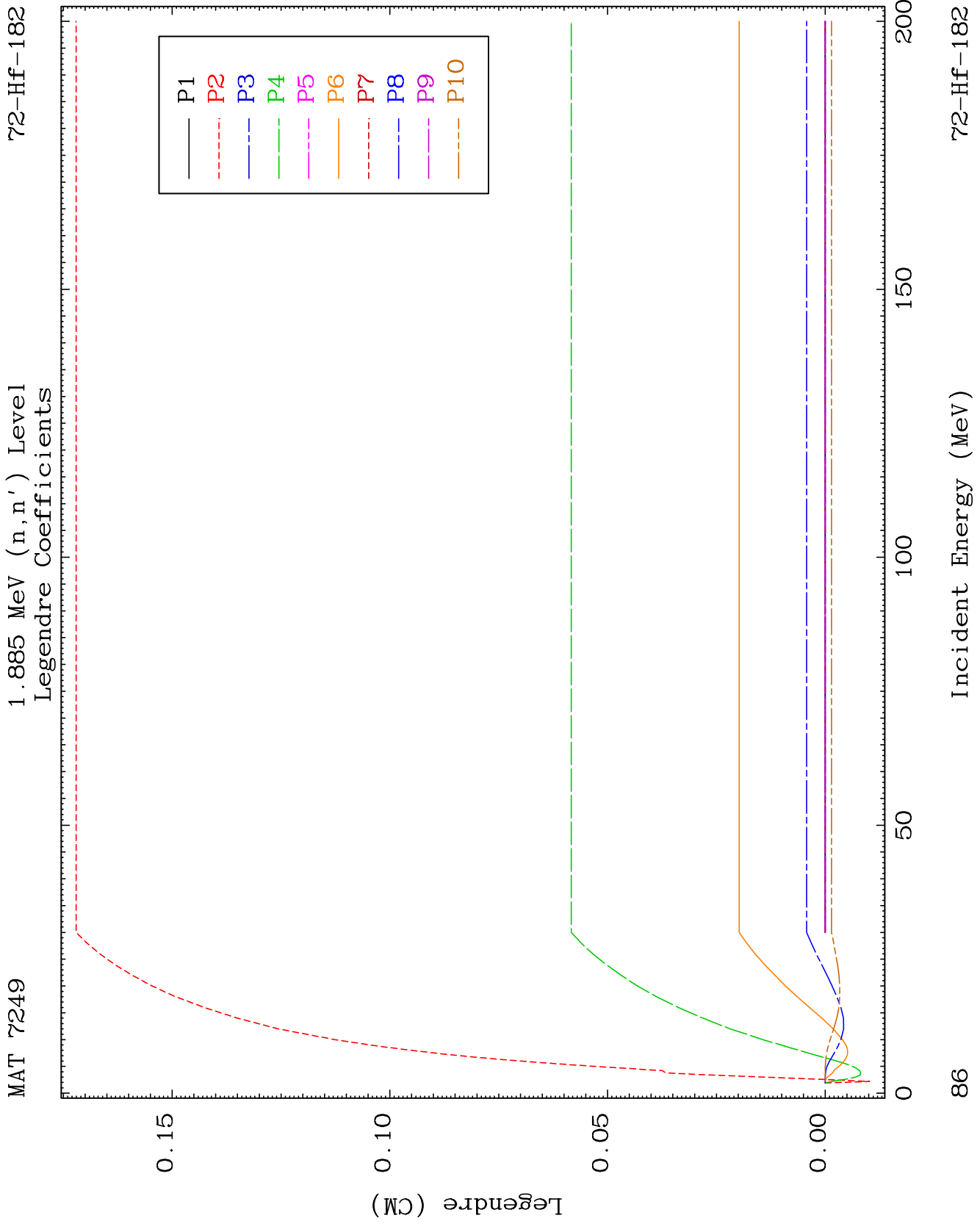
Incident Energy (MeV)

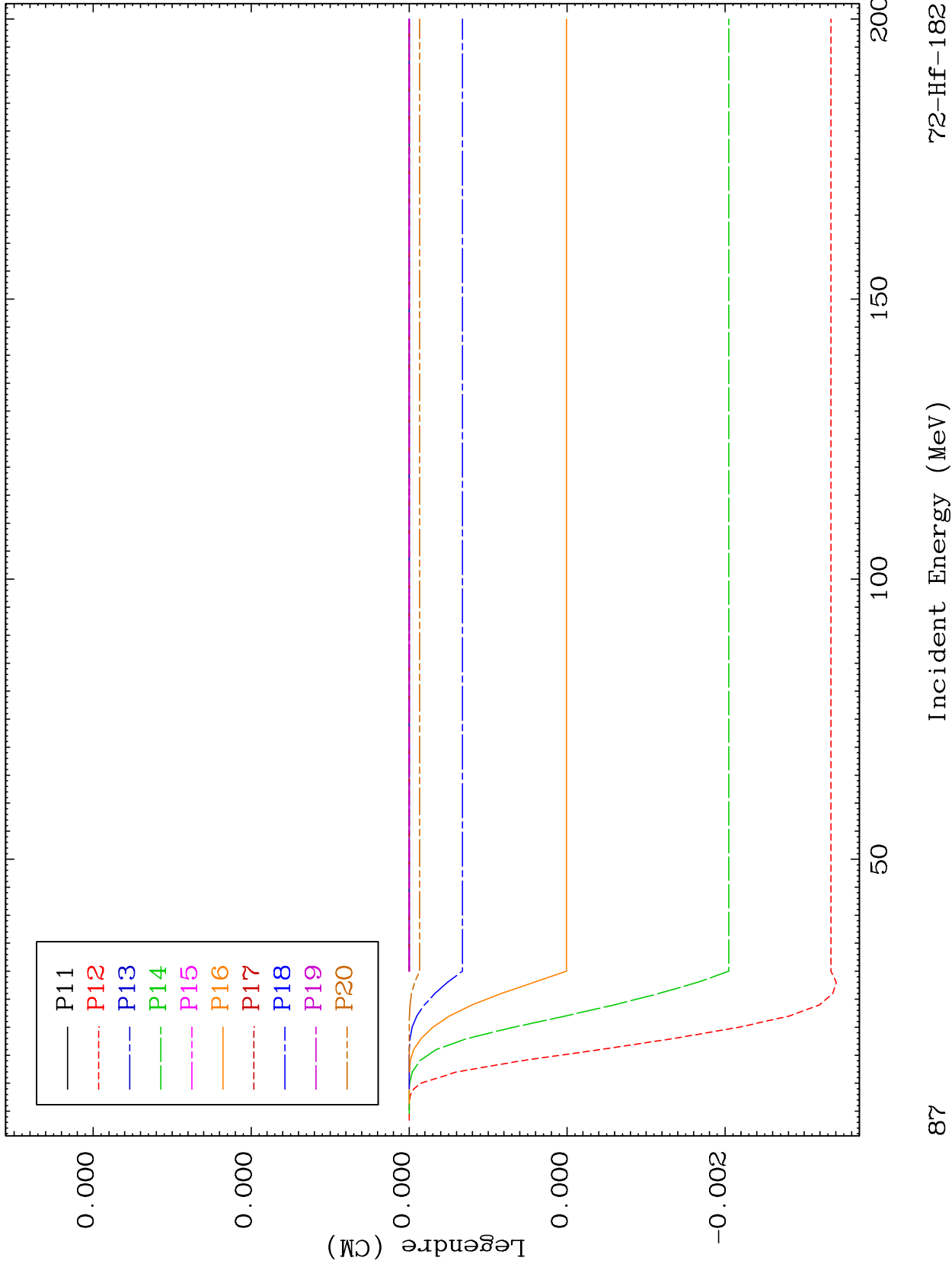
82

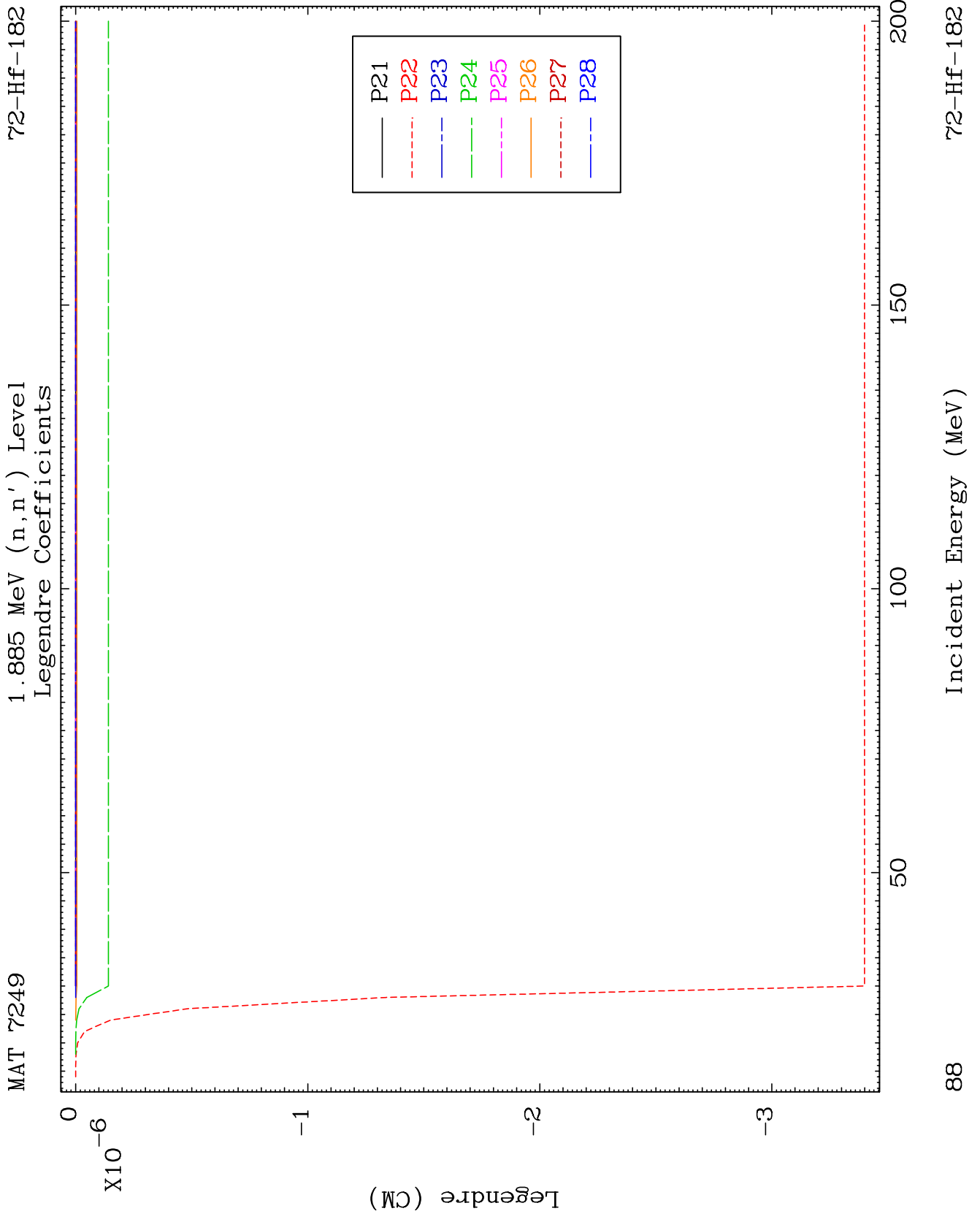








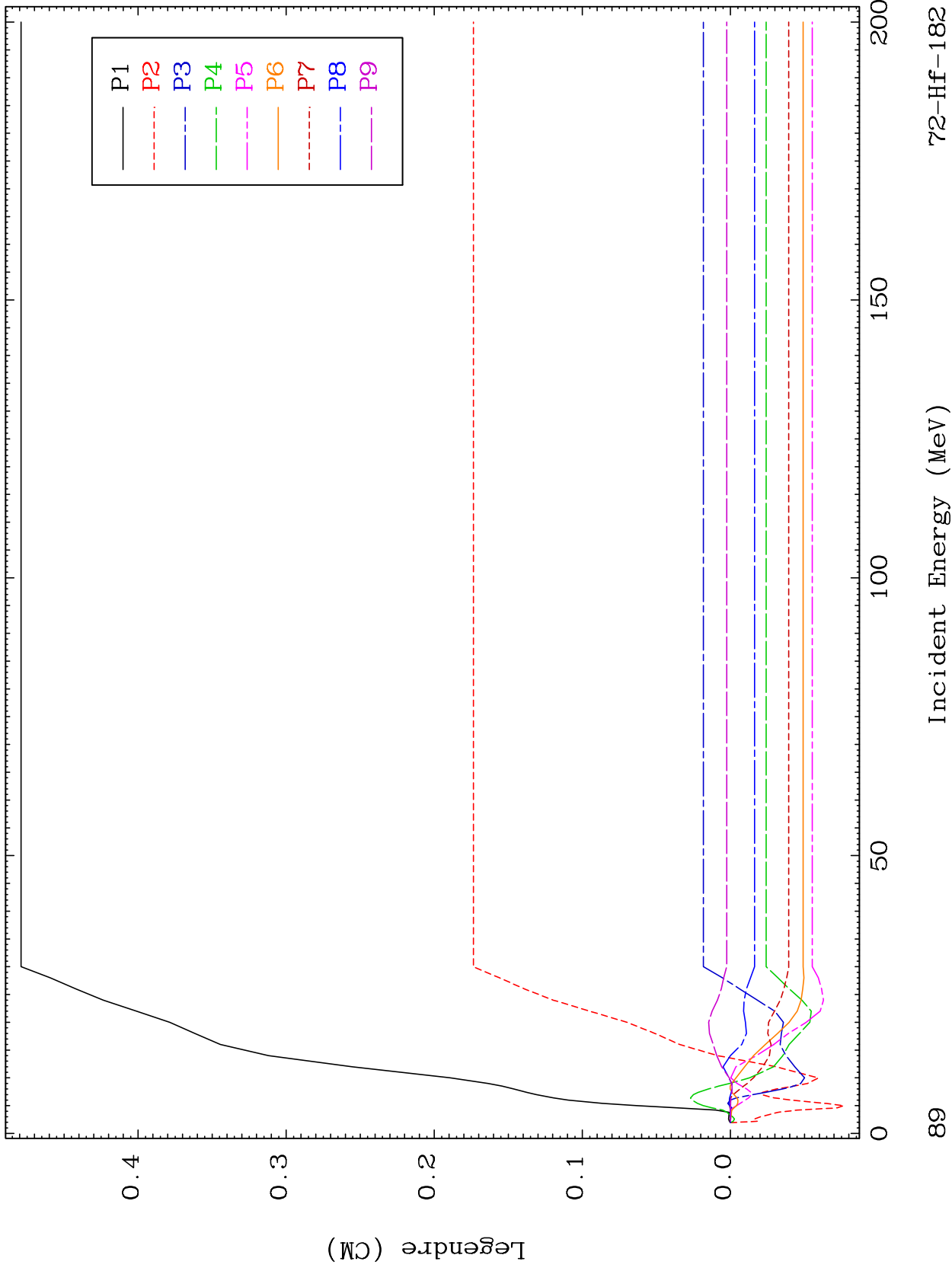




MAT 7249

1.915 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



89

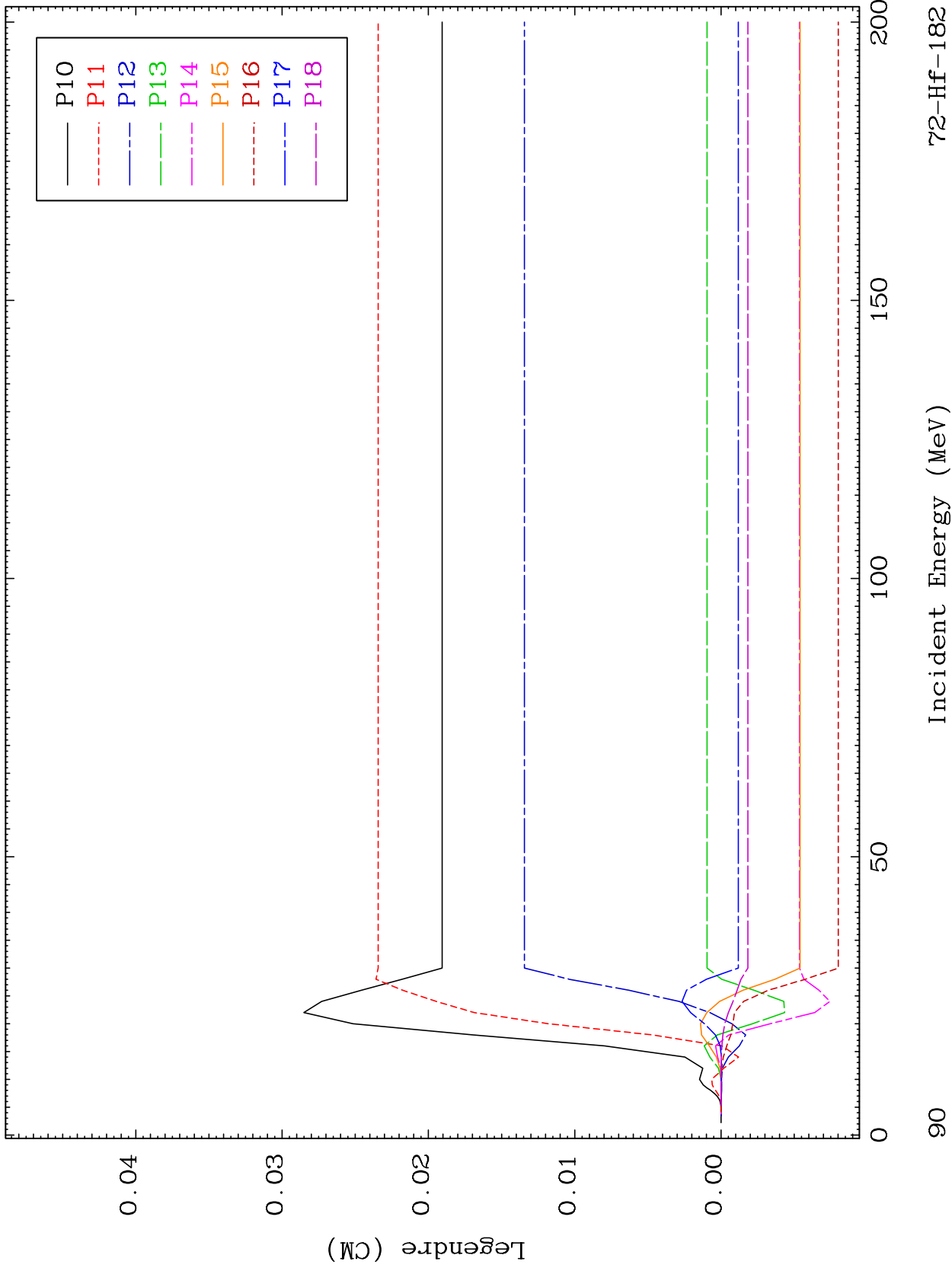
Incident Energy (MeV)

72-Hf-182

MAT 7249

1.915 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



72-Hf-182

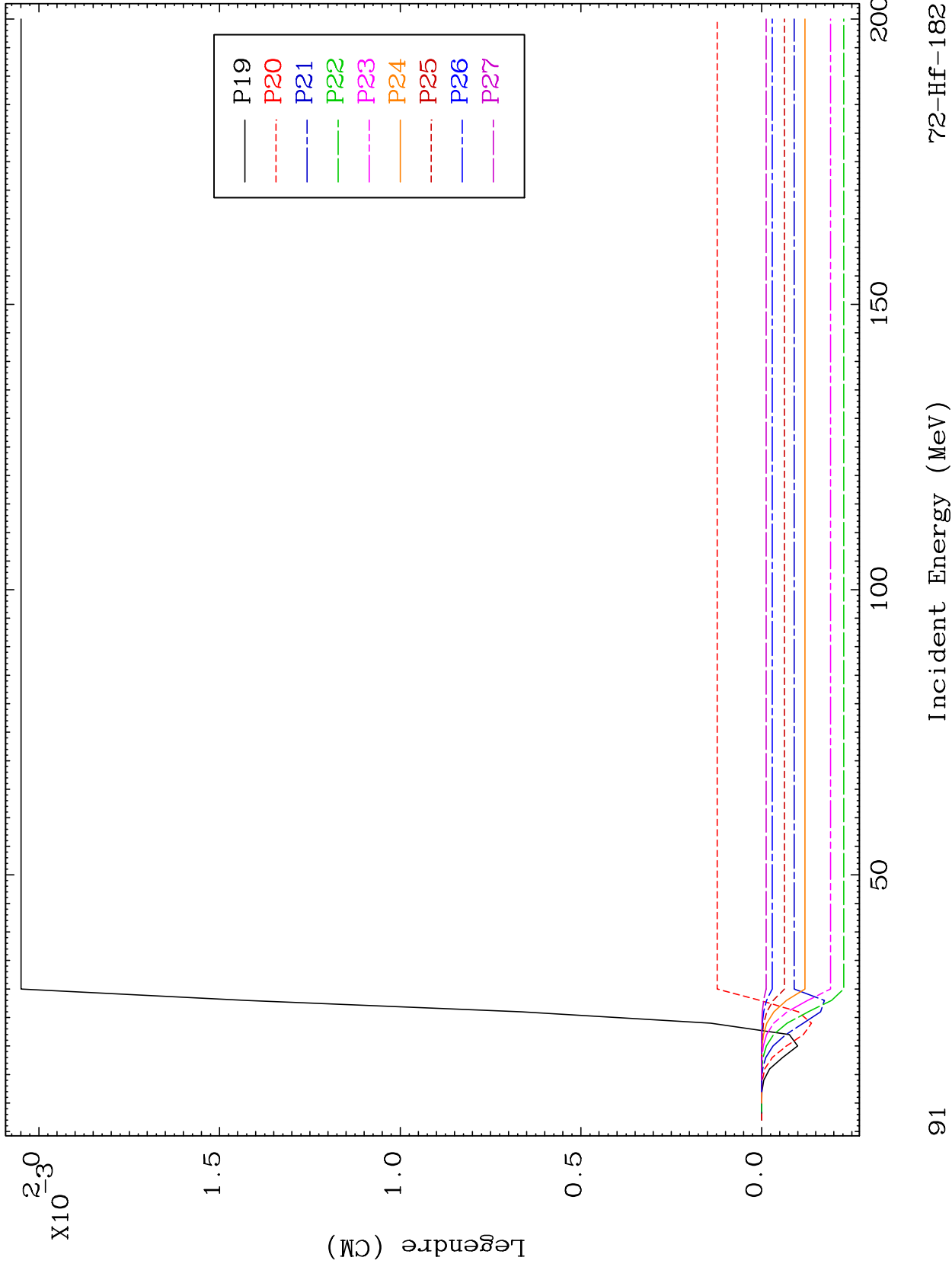
Incident Energy (MeV)

90

MAT 7249

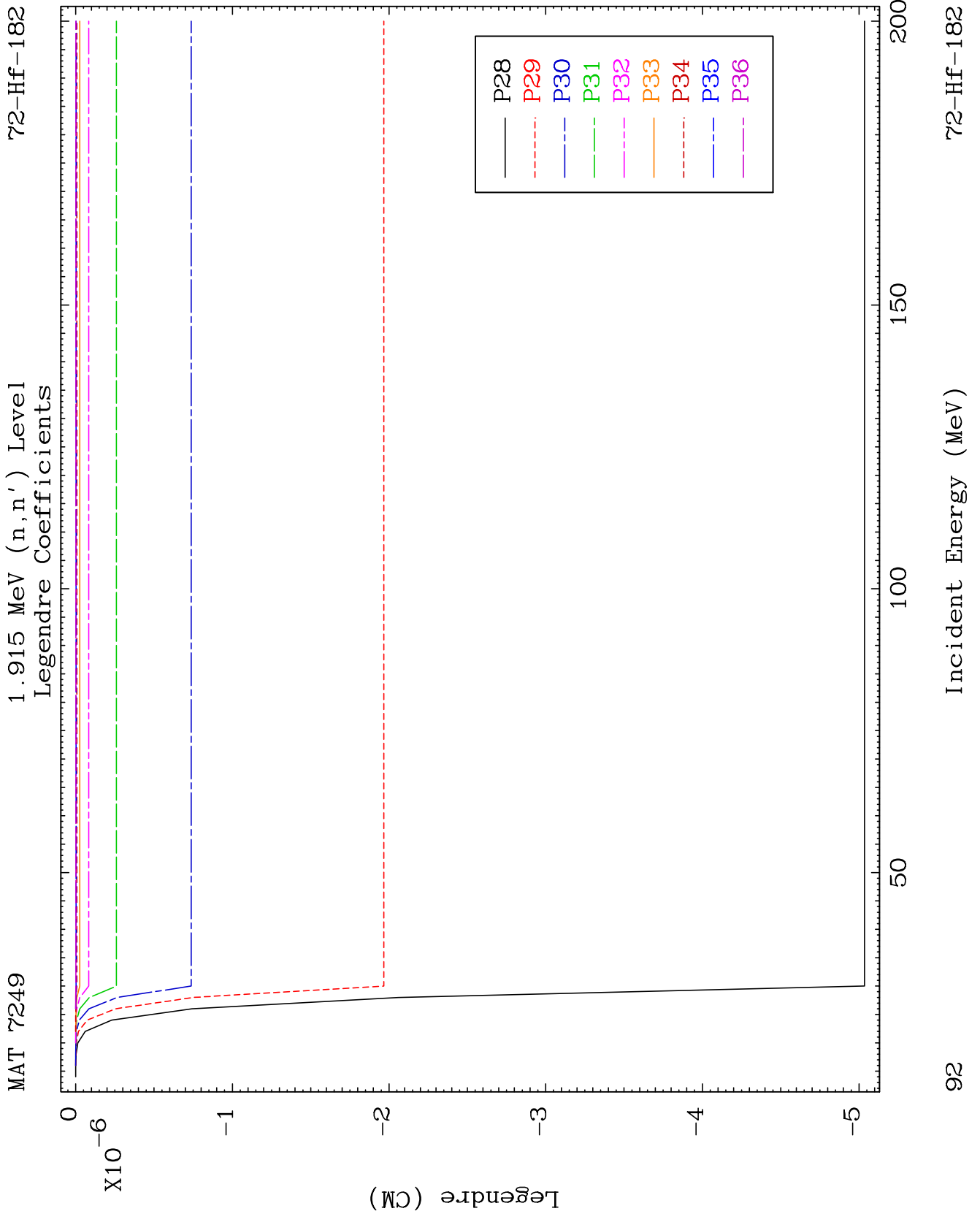
1.915 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



91

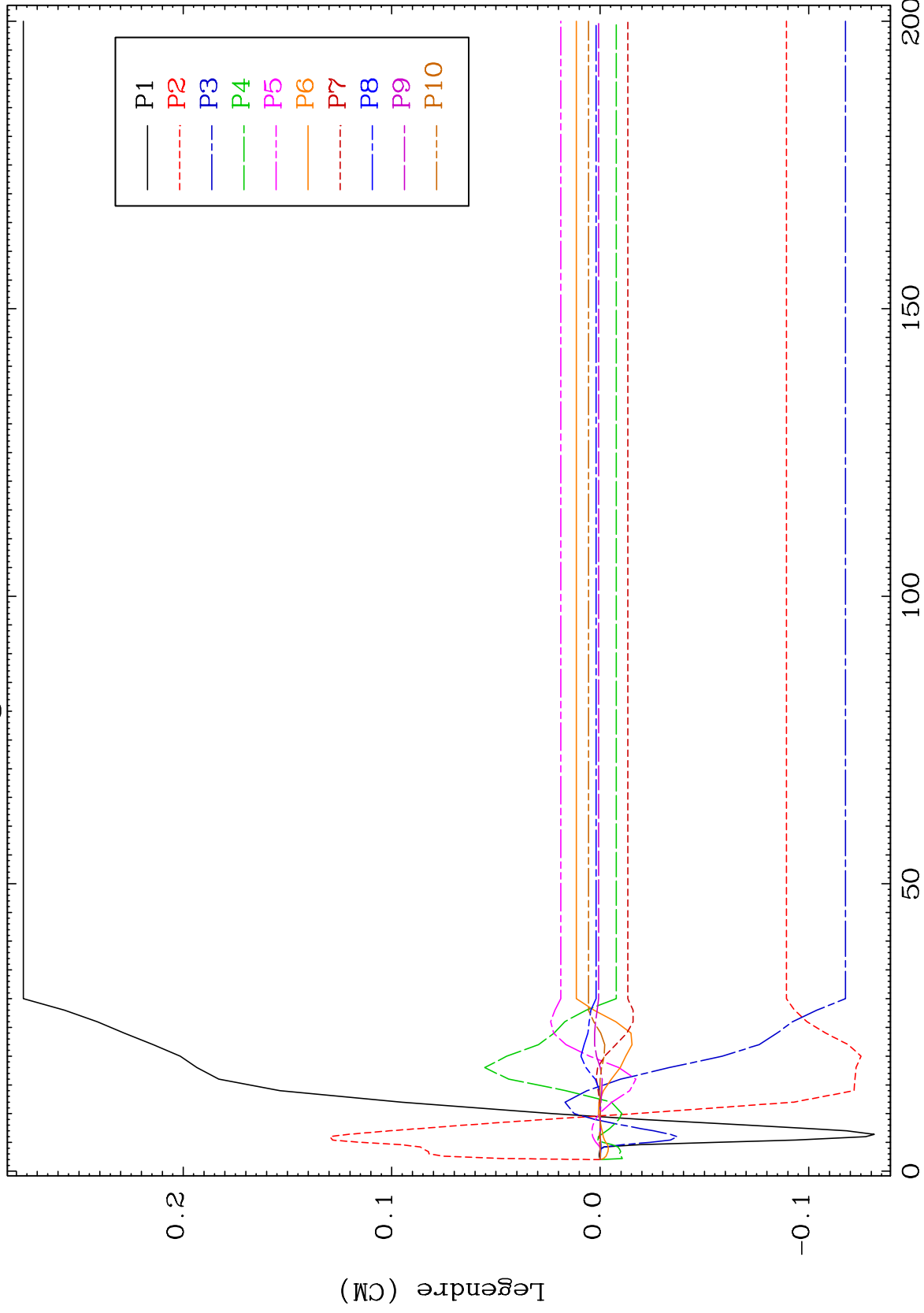
72-Hf-182



MAT 7249

1.988 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



93

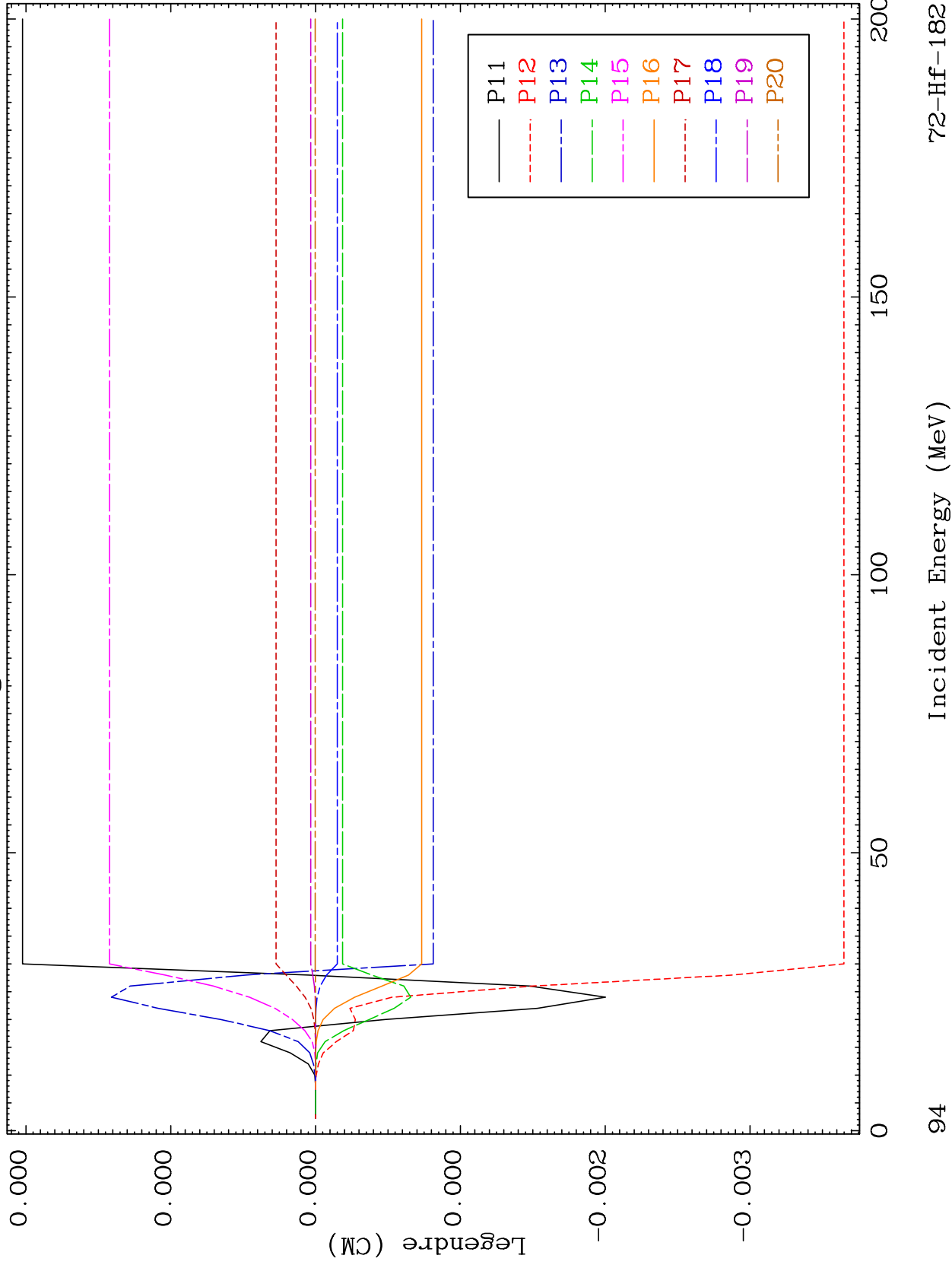
Incident Energy (MeV)

72-Hf-182

MAT 7249

1.988 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



94

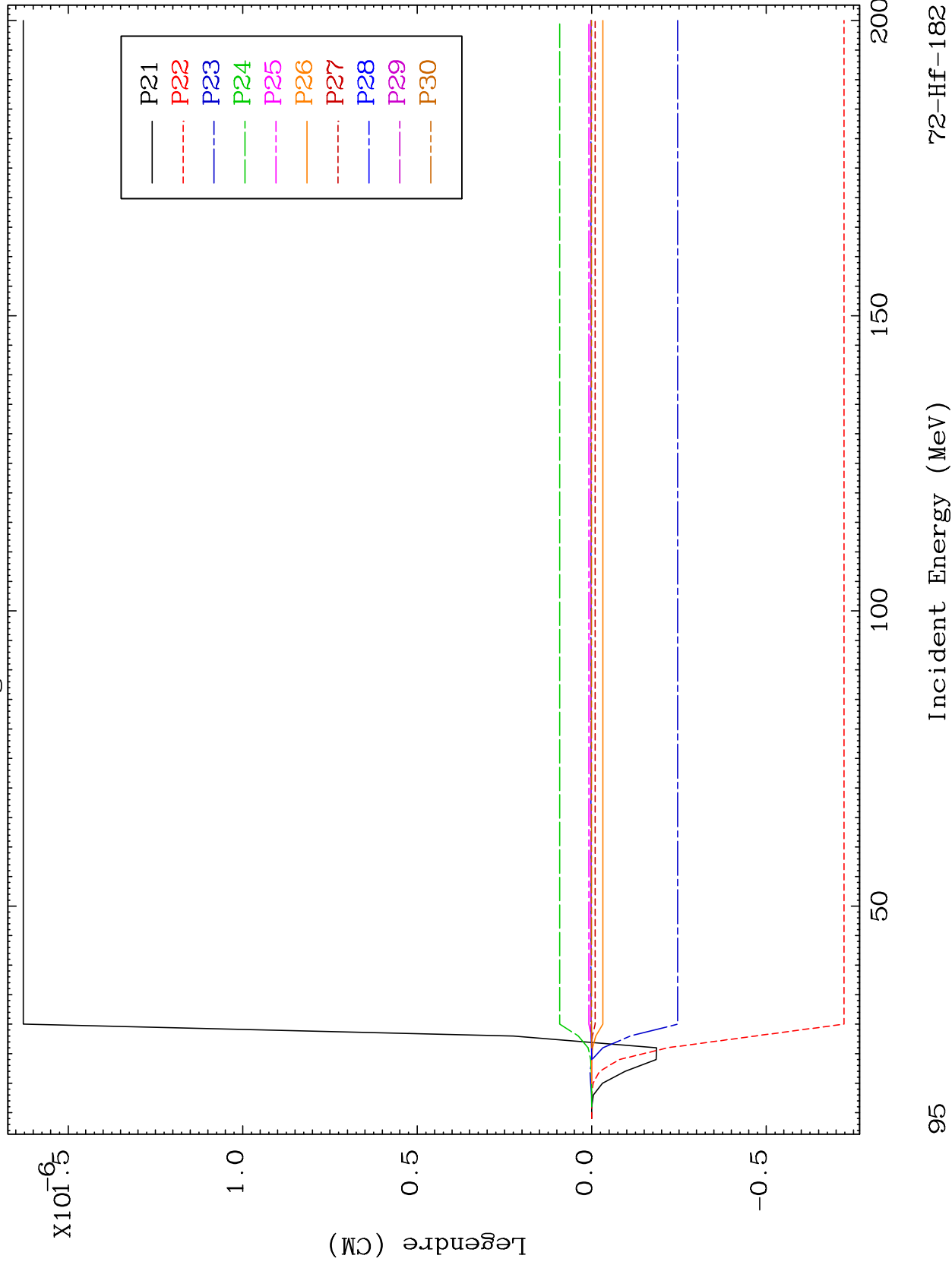
Incident Energy (MeV)

72-Hf-182

MAT 7249

1.988 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



95

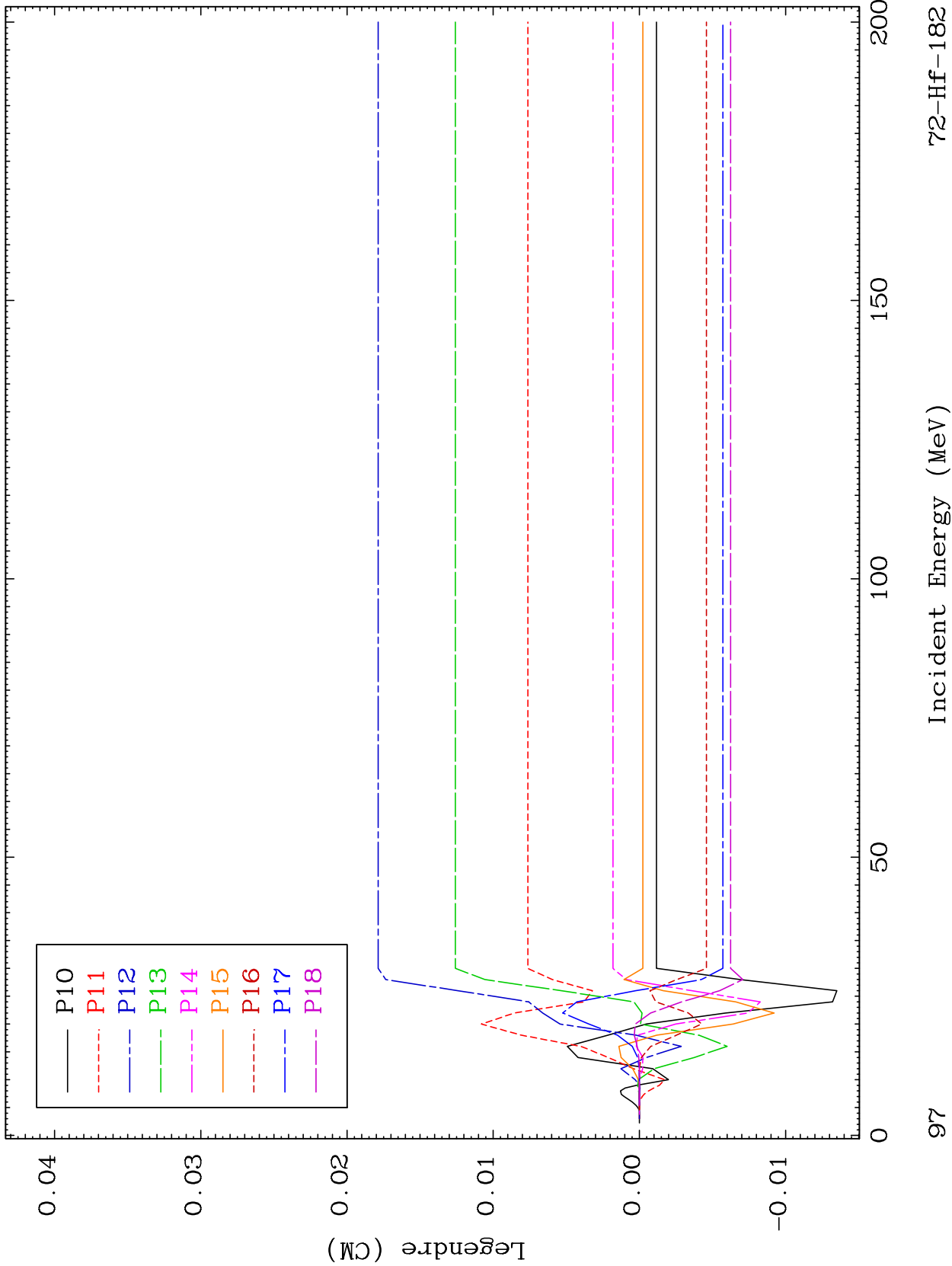
Incident Energy (MeV)

72-Hf-182

MAT 7249

2.214 MeV (n, n') Level
Legendre Coefficients

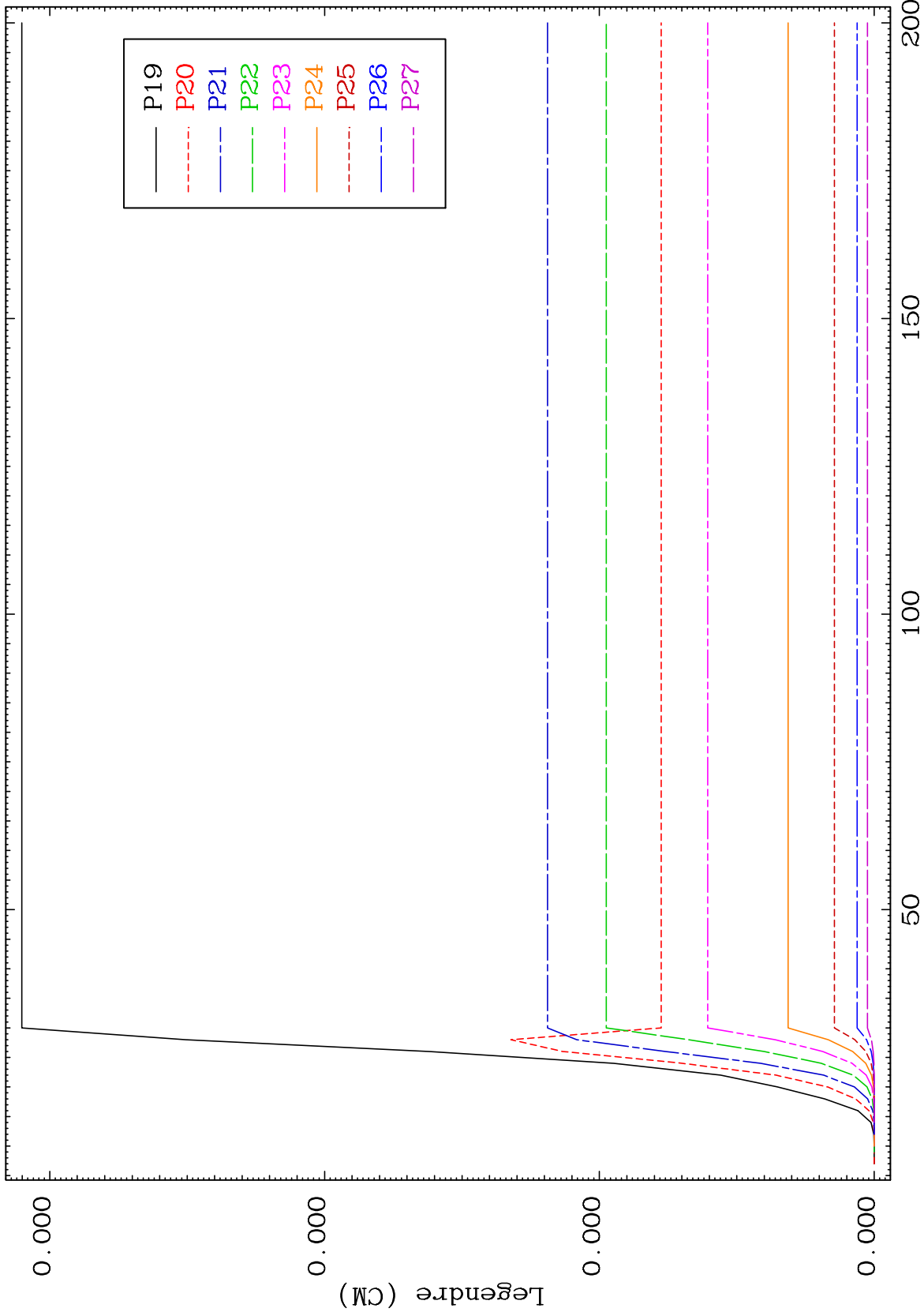
72-Hf-182



97

Incident Energy (MeV)

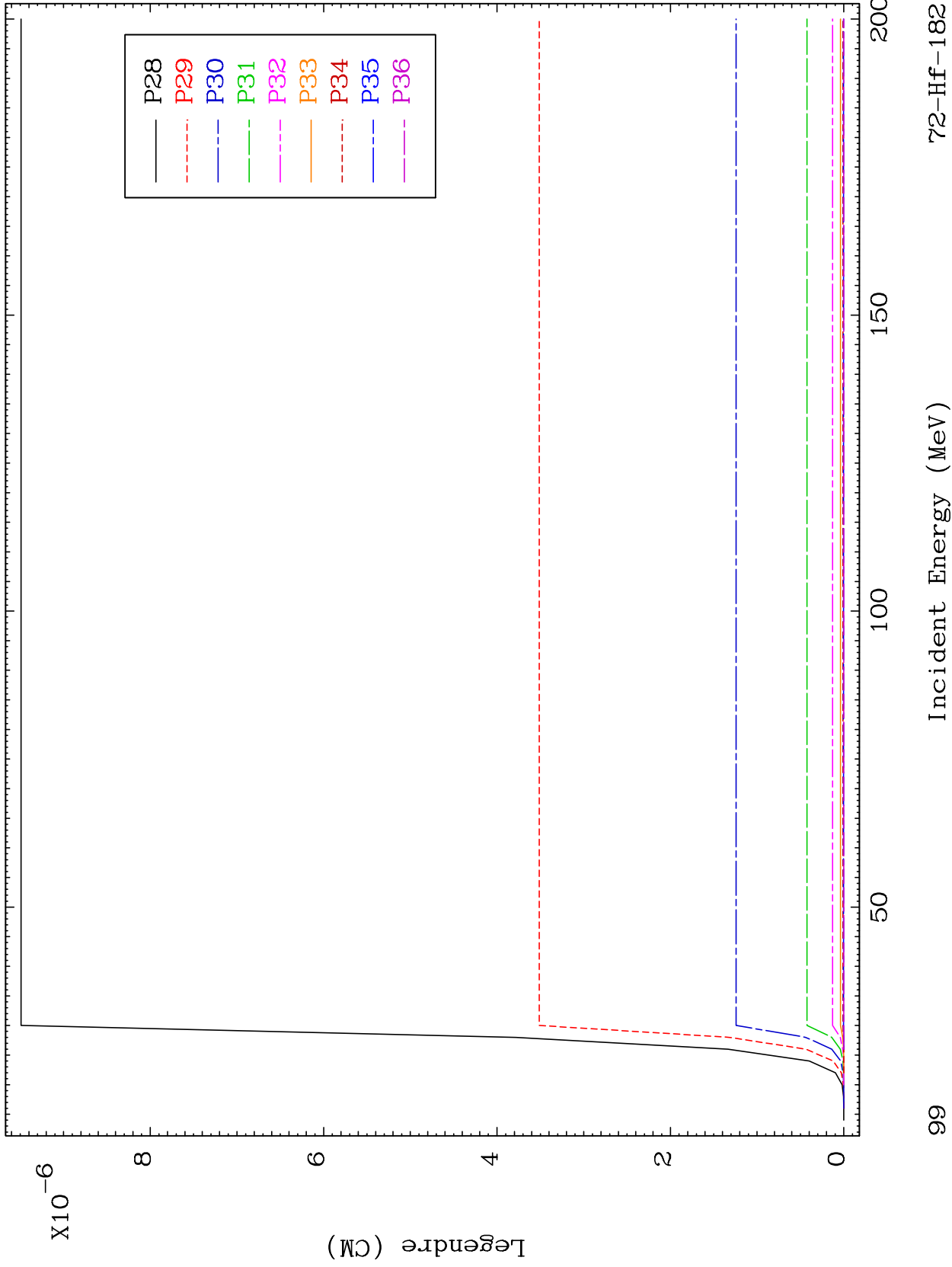
72-Hf-182



MAT 7249

2.214 MeV (n, n') Level
Legendre Coefficients

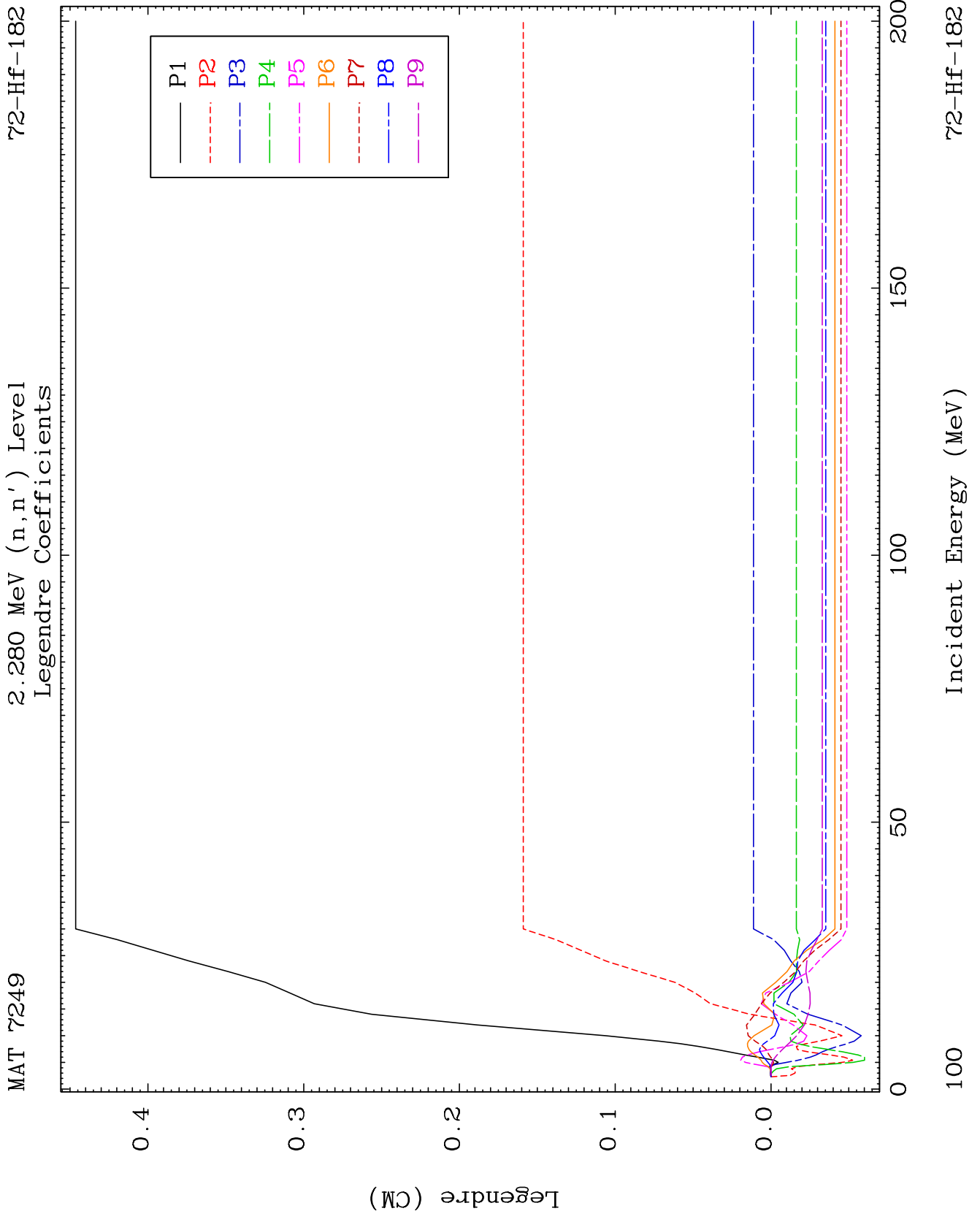
72-Hf-182



99

Incident Energy (MeV)

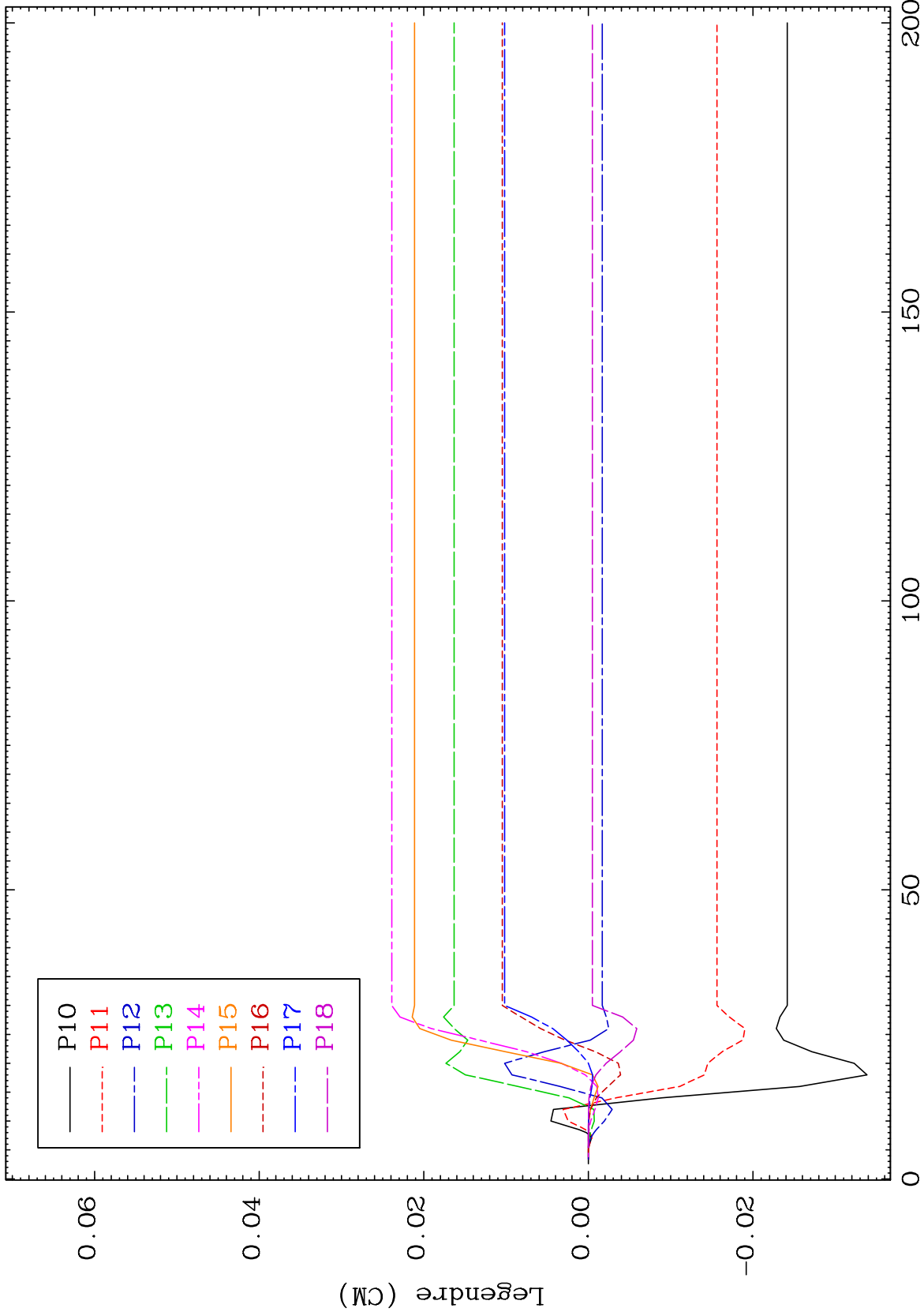
72-Hf-182



MAT 7249

2.280 MeV (n,n') Level
Legendre Coefficients

72-Hf-182



101

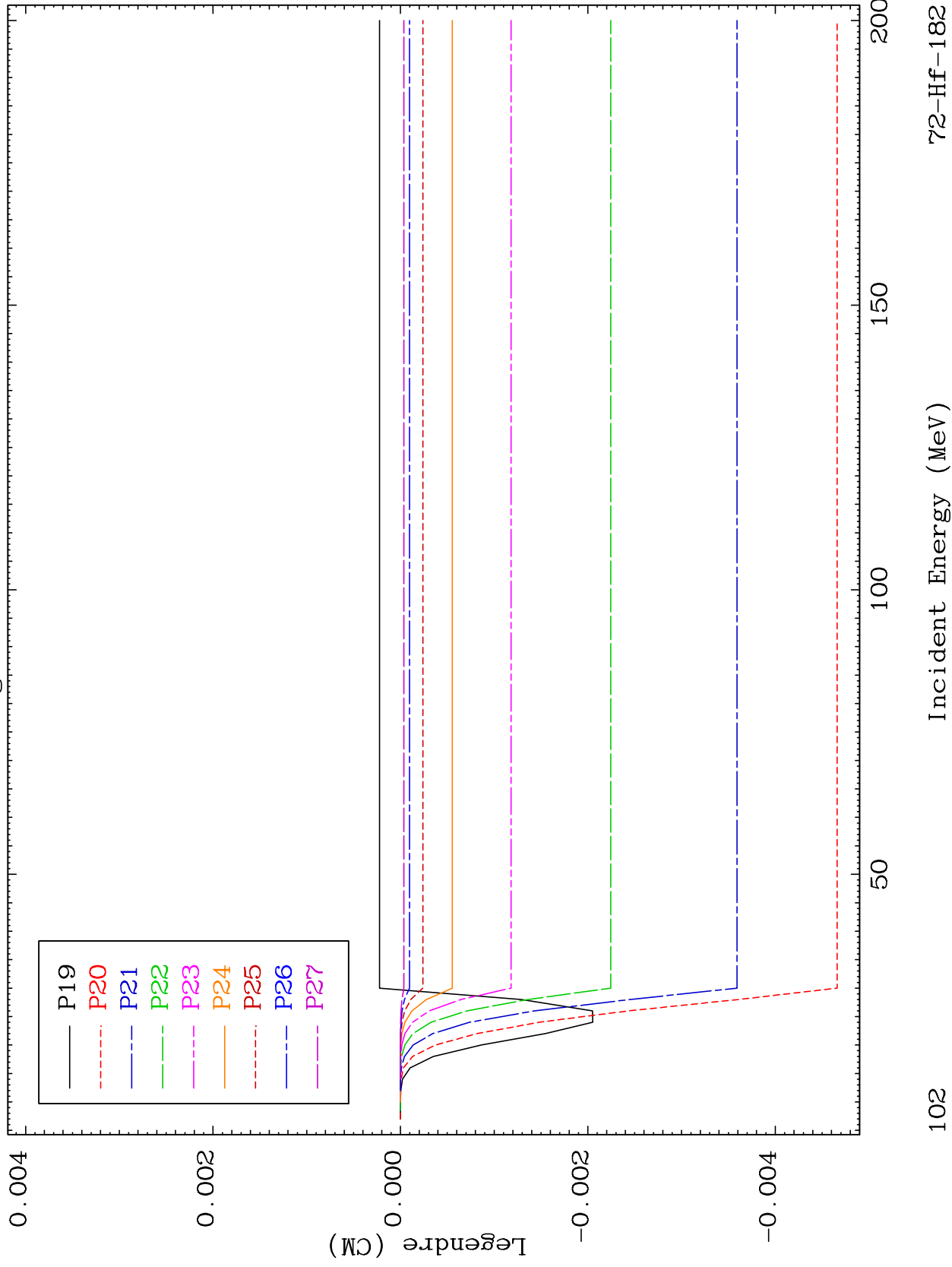
Incident Energy (MeV)

72-Hf-182

MAT 7249

2.280 MeV (n,n') Level
Legendre Coefficients

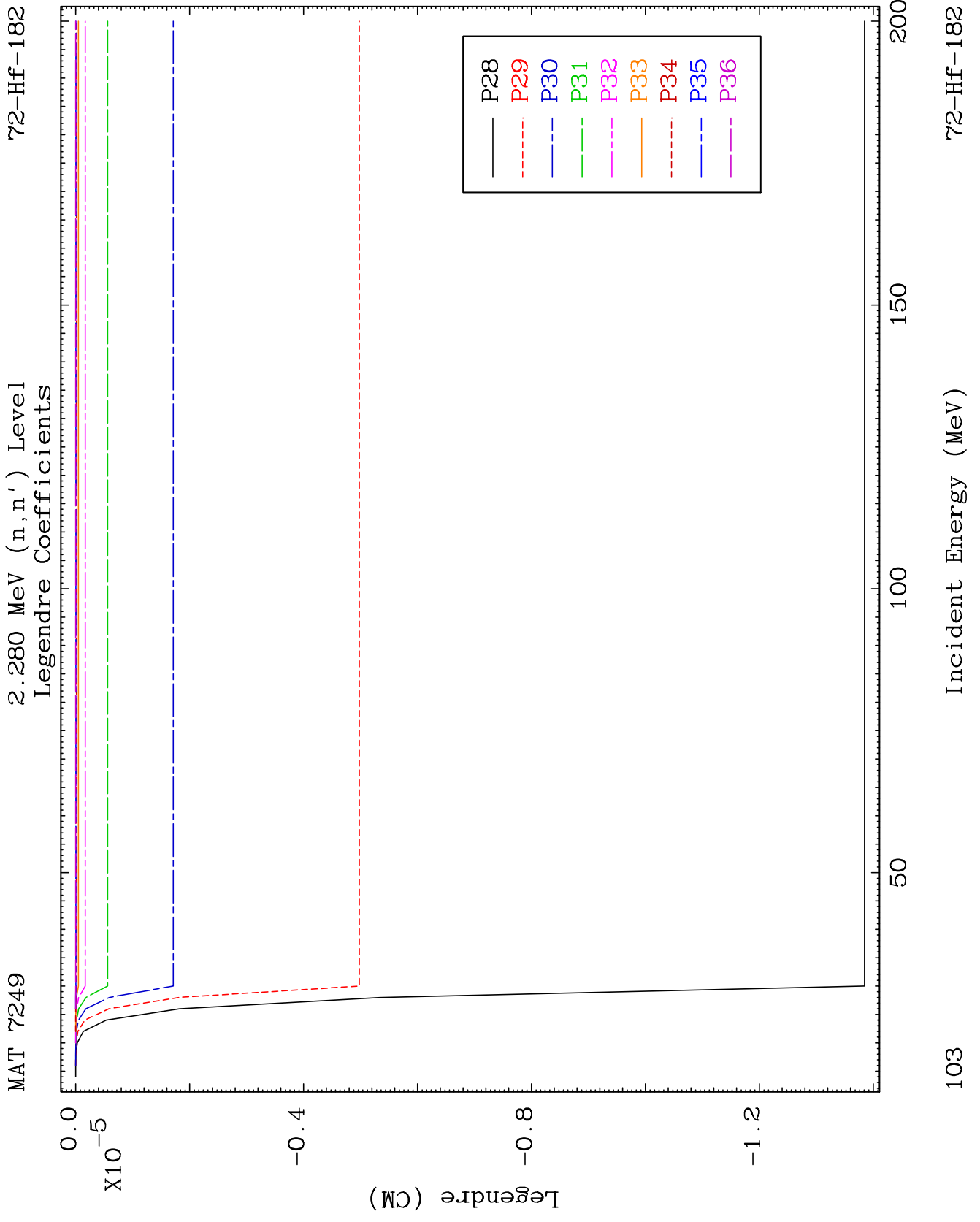
72-Hf-182



102

Incident Energy (MeV)

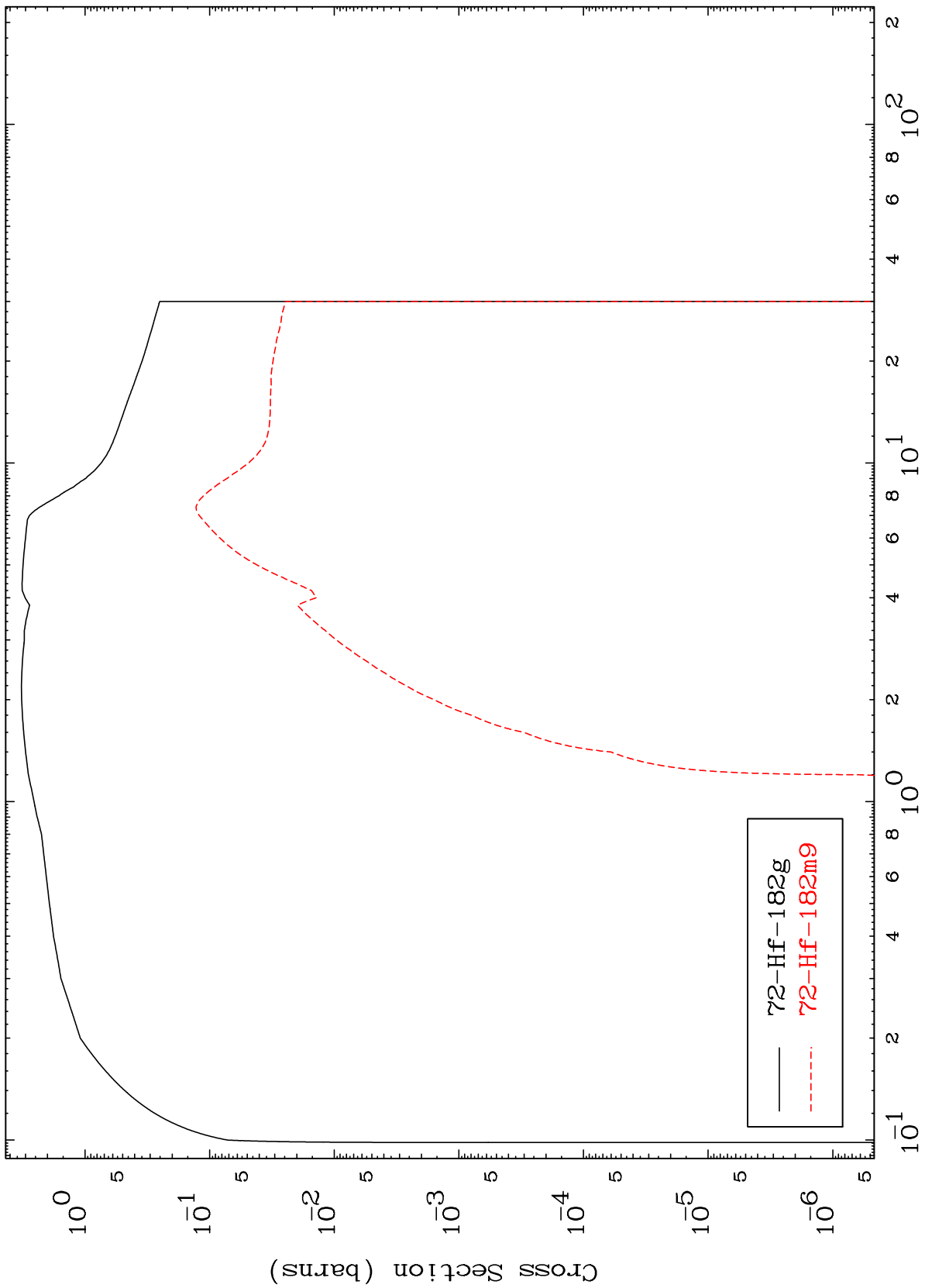
72-Hf-182



MAT 7249

72-Hf-182

Inelastic
Radionuclide Production Cross Section



72-Hf-182

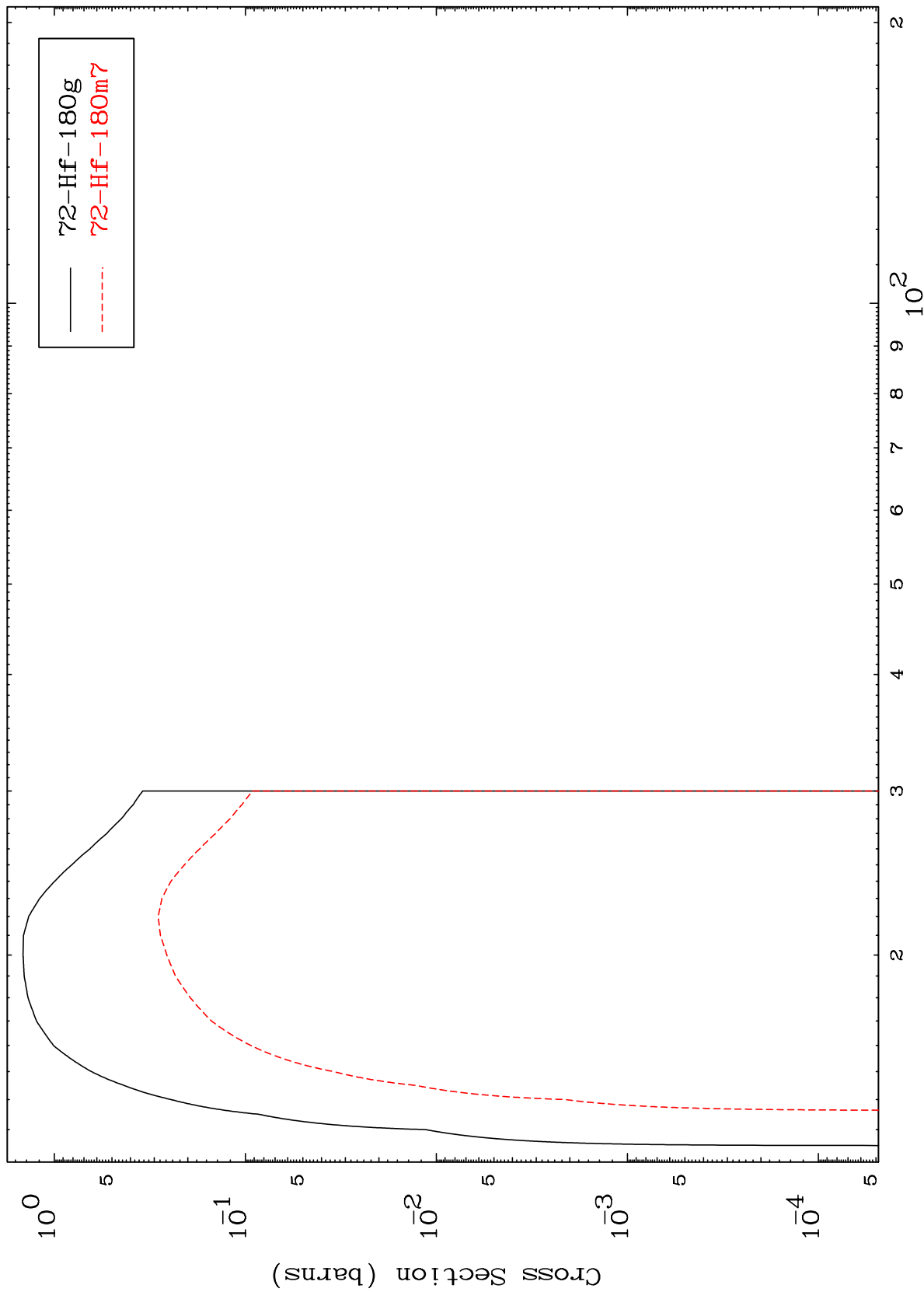
Incident Energy (MeV)

104

MAT 7249

72-Hf-182

(n,3n)
Radionuclide Production Cross Section



105

Incident Energy (MeV)

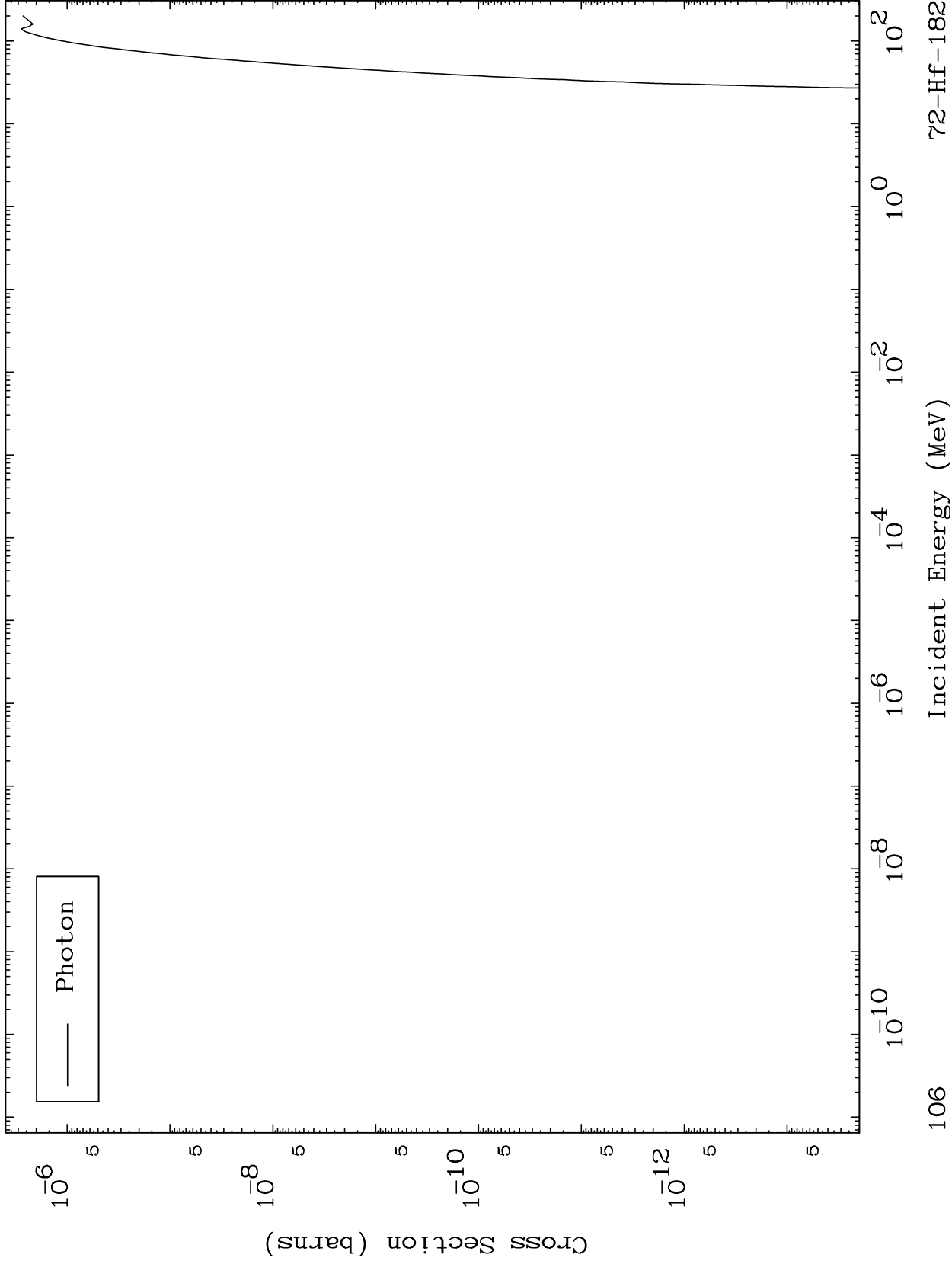
72-Hf-182

MAT 7249

Fission

72-Hf-182

Radionuclide Production Cross Section



106

Incident Energy (MeV)

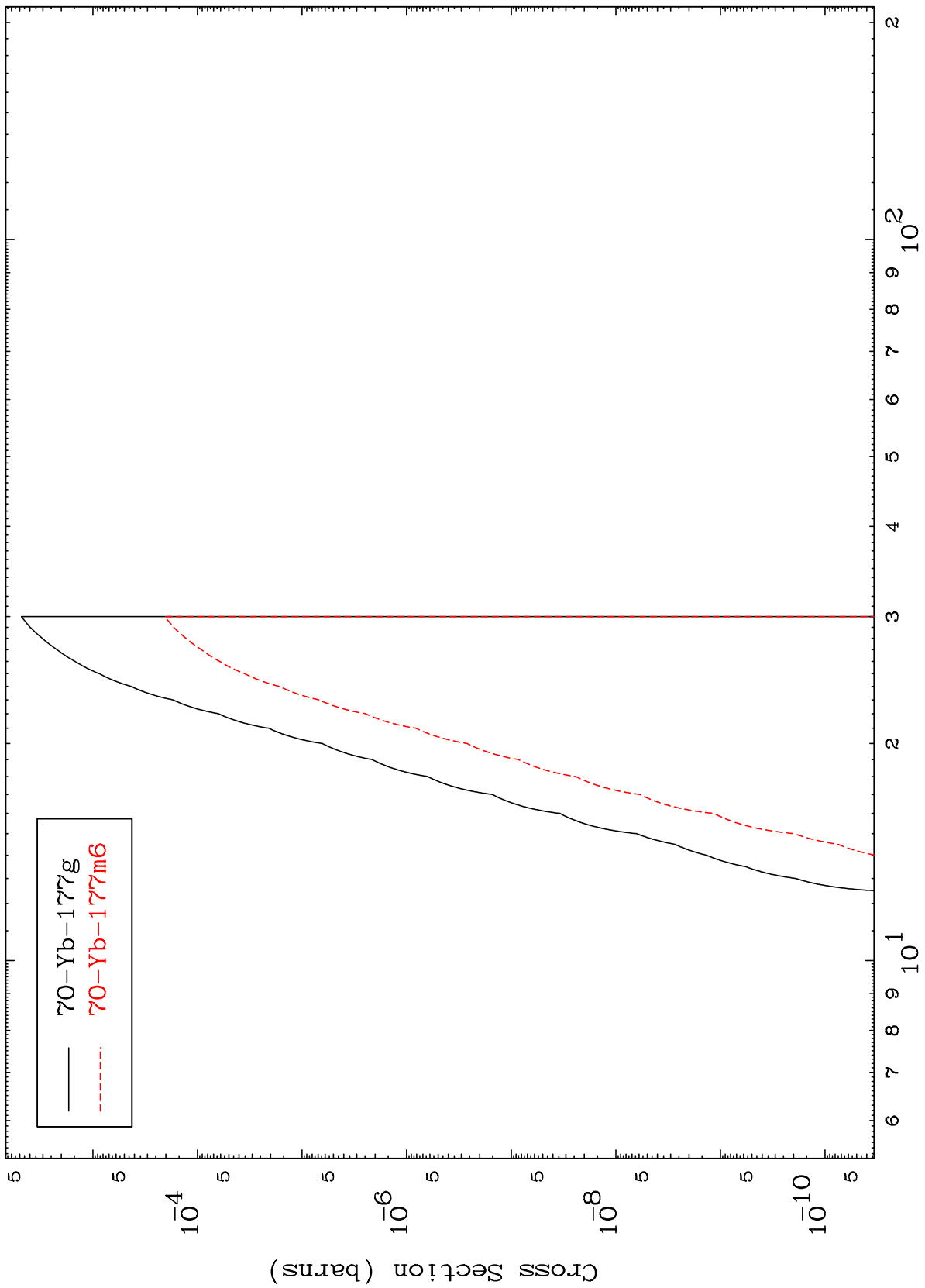
72-Hf-182

MAT 7249

$(n,2n) \alpha$

72-Hf-182

Radionuclide Production Cross Section



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

107

Incident Energy (MeV)

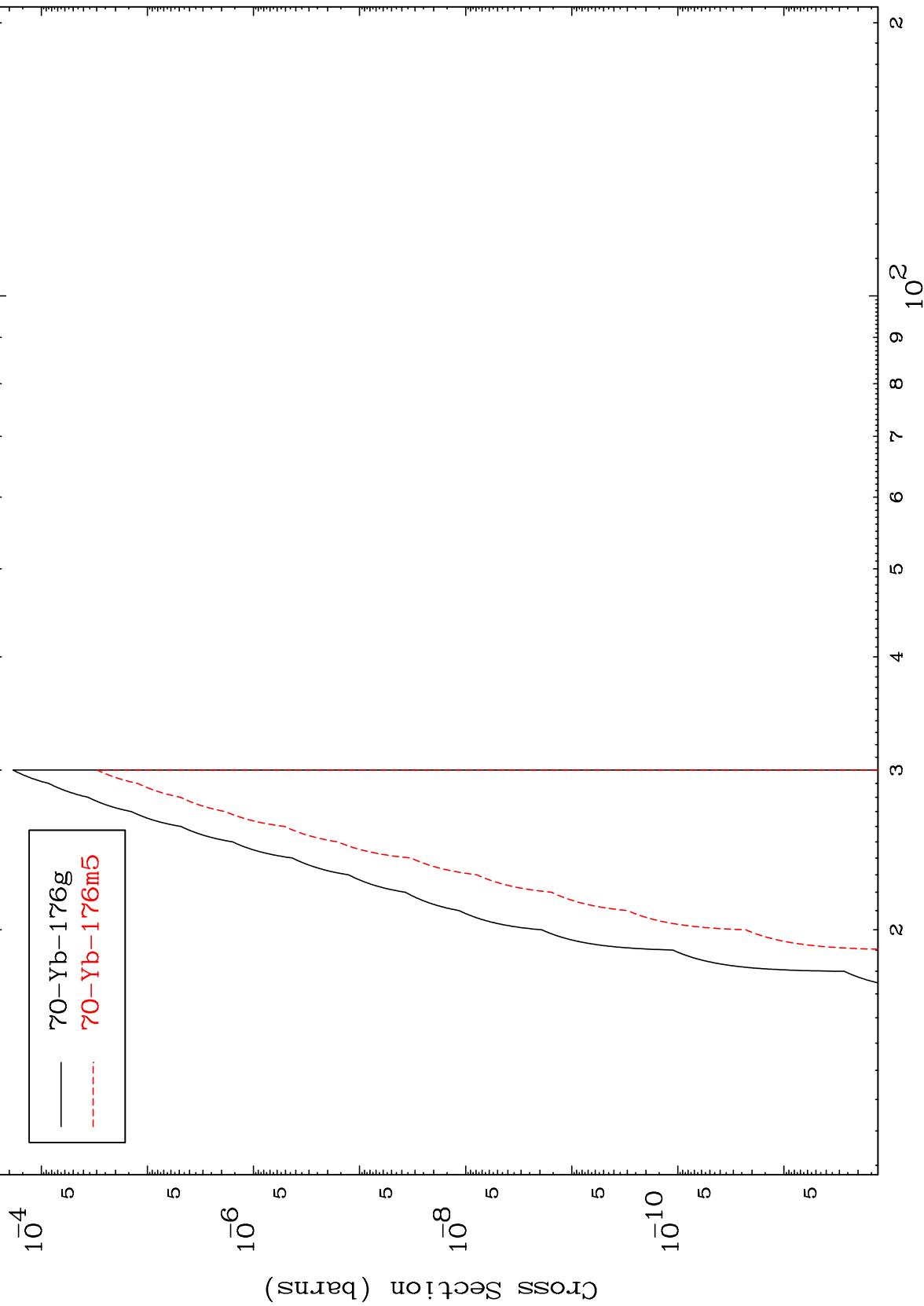
72-Hf-182

MAT 7249

(n,3n) α

72-Hf-182

Radionuclide Production Cross Section



108

Incident Energy (MeV)

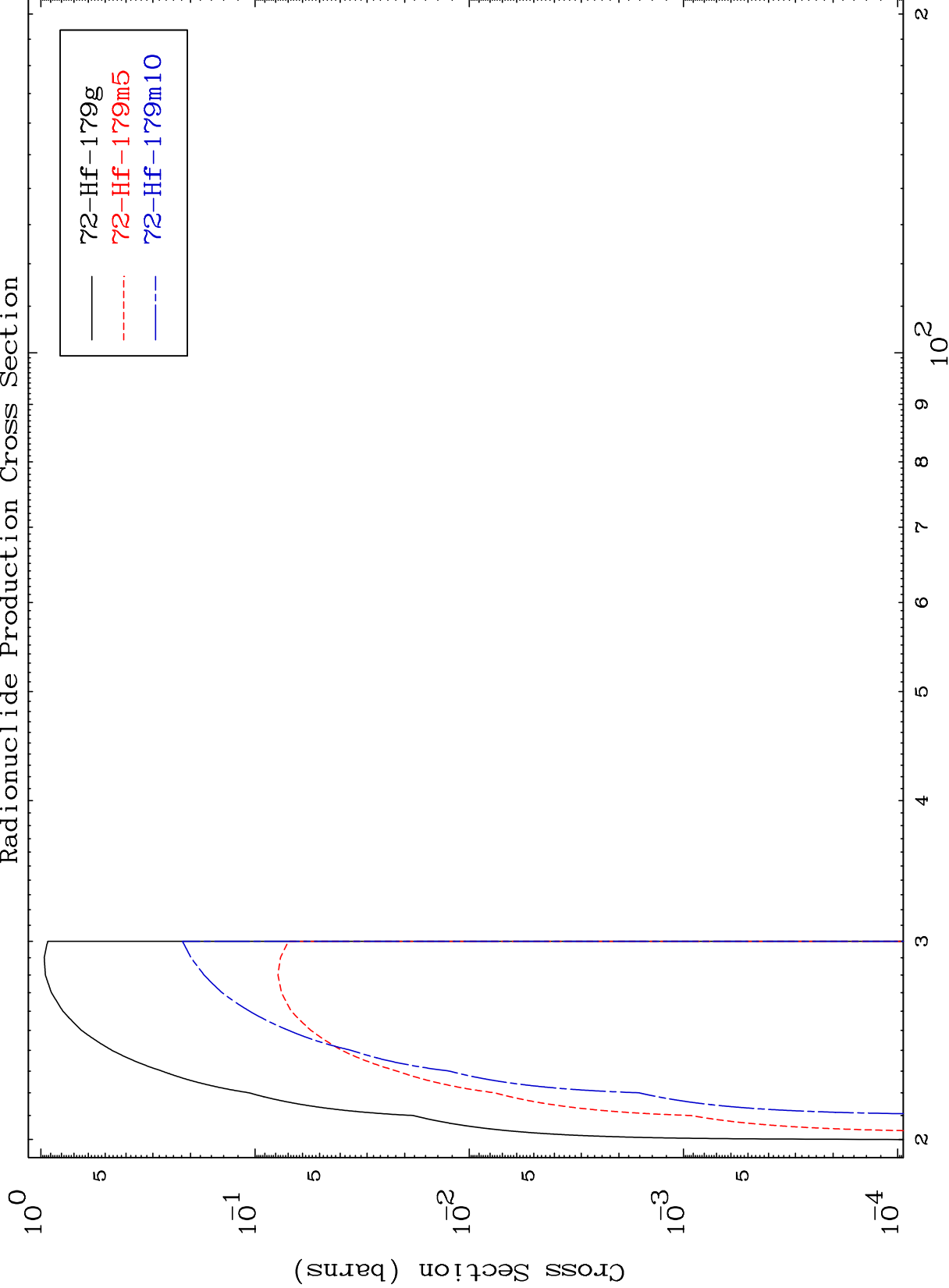
72-Hf-182

MAT 7249

(n,4n)

72-Hf-182

Radionuclide Production Cross Section



109

Incident Energy (MeV)

72-Hf-182