

Program EVALPLOT
(Version 2015-2)

by

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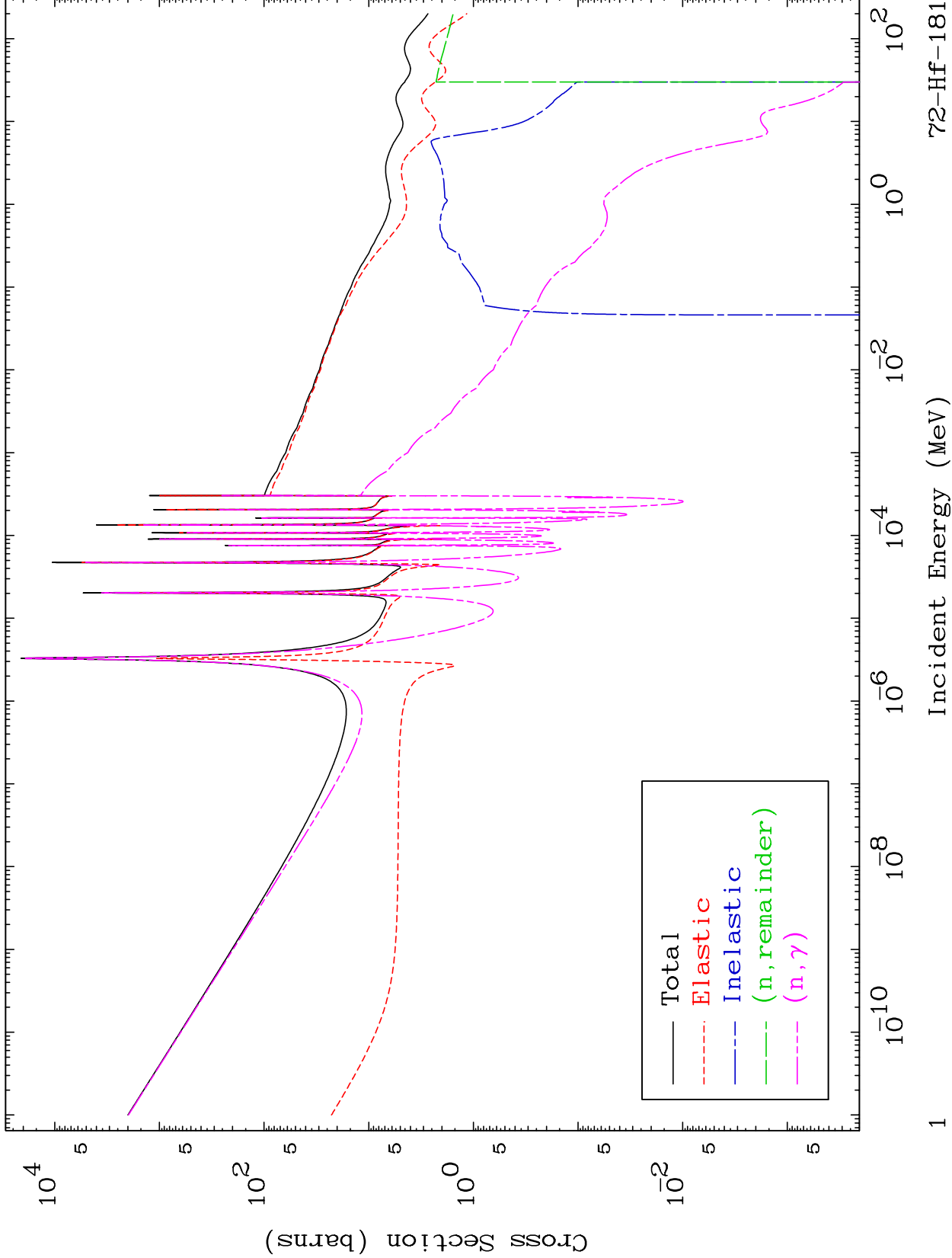
Press Mouse Button to Start

MAT 7246

Major

293 Kelvin Cross Sections

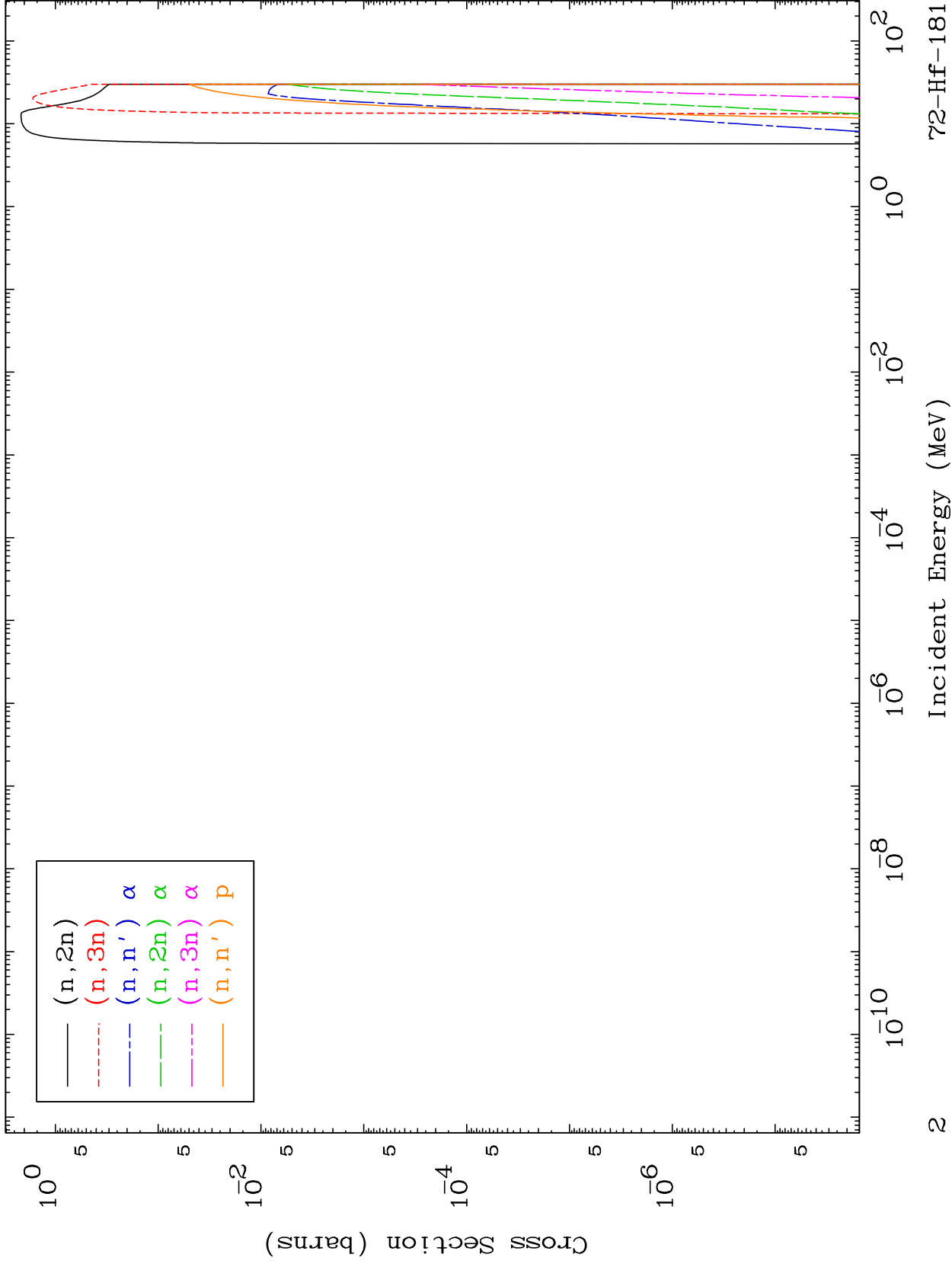
72-Hf-181

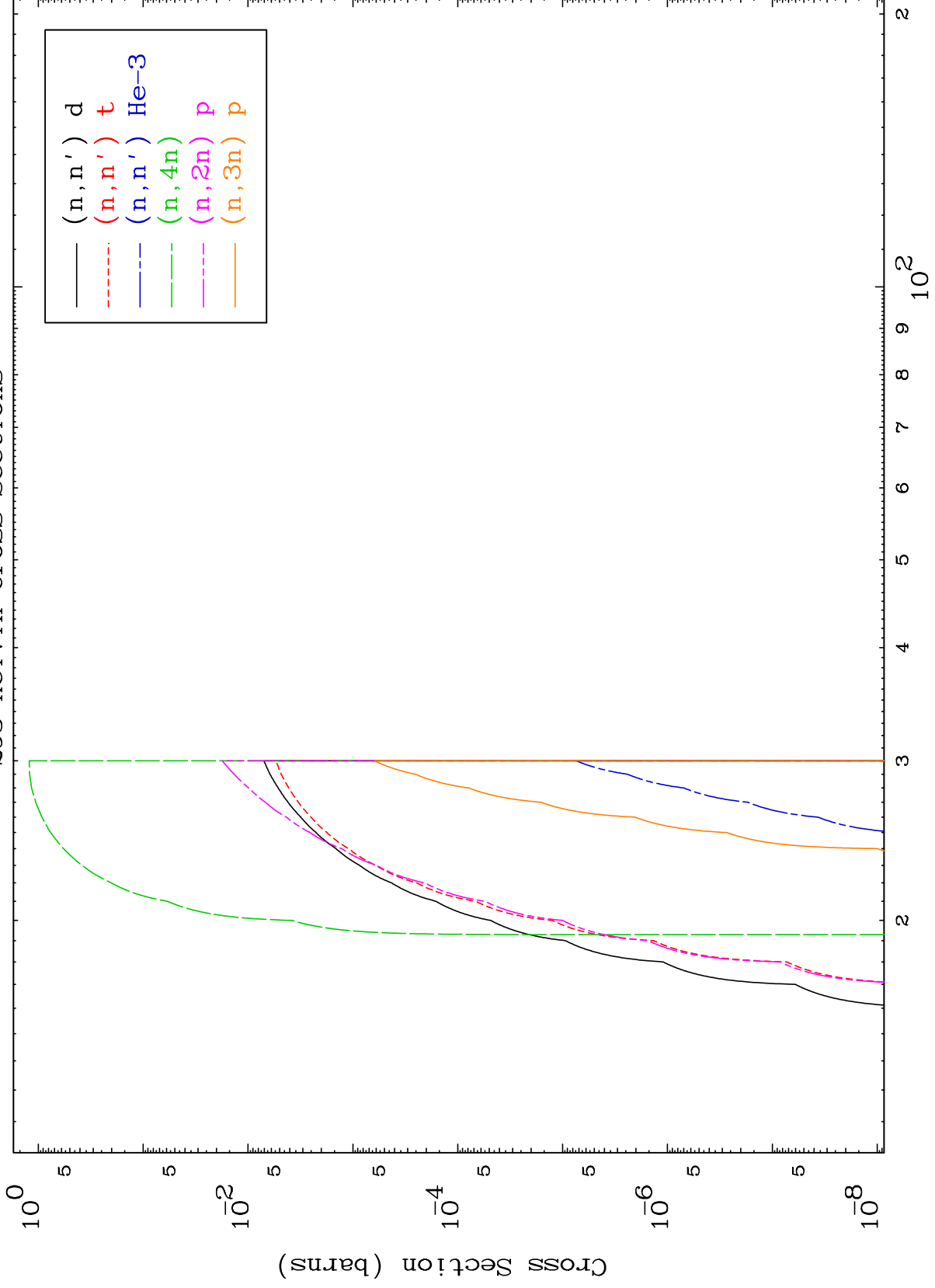


MAT 7246

Neutron Production
293 Kelvin Cross Sections

72-Hf-181

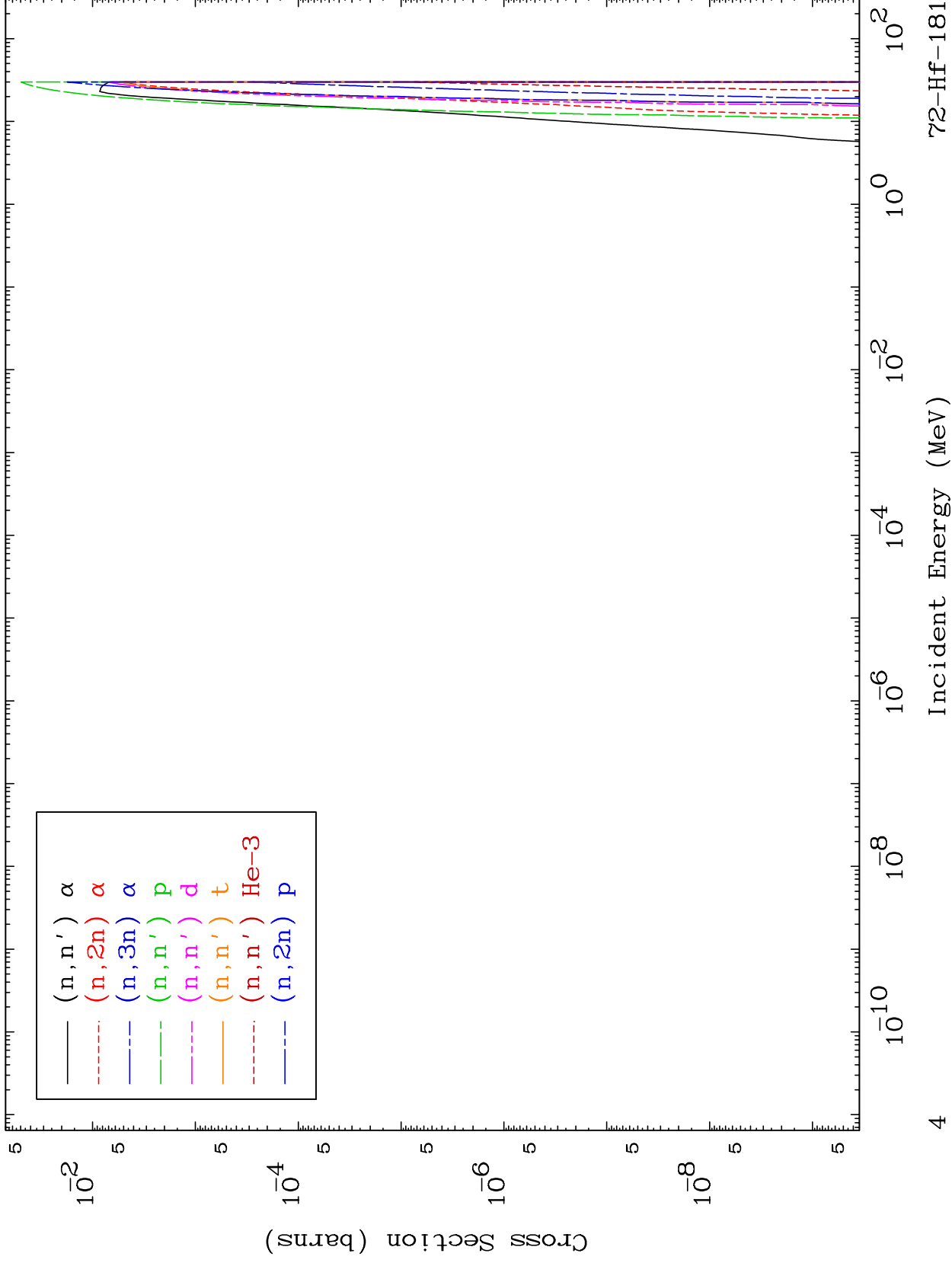




MAT 7246

Charged Particle
293 Kelvin Cross Sections

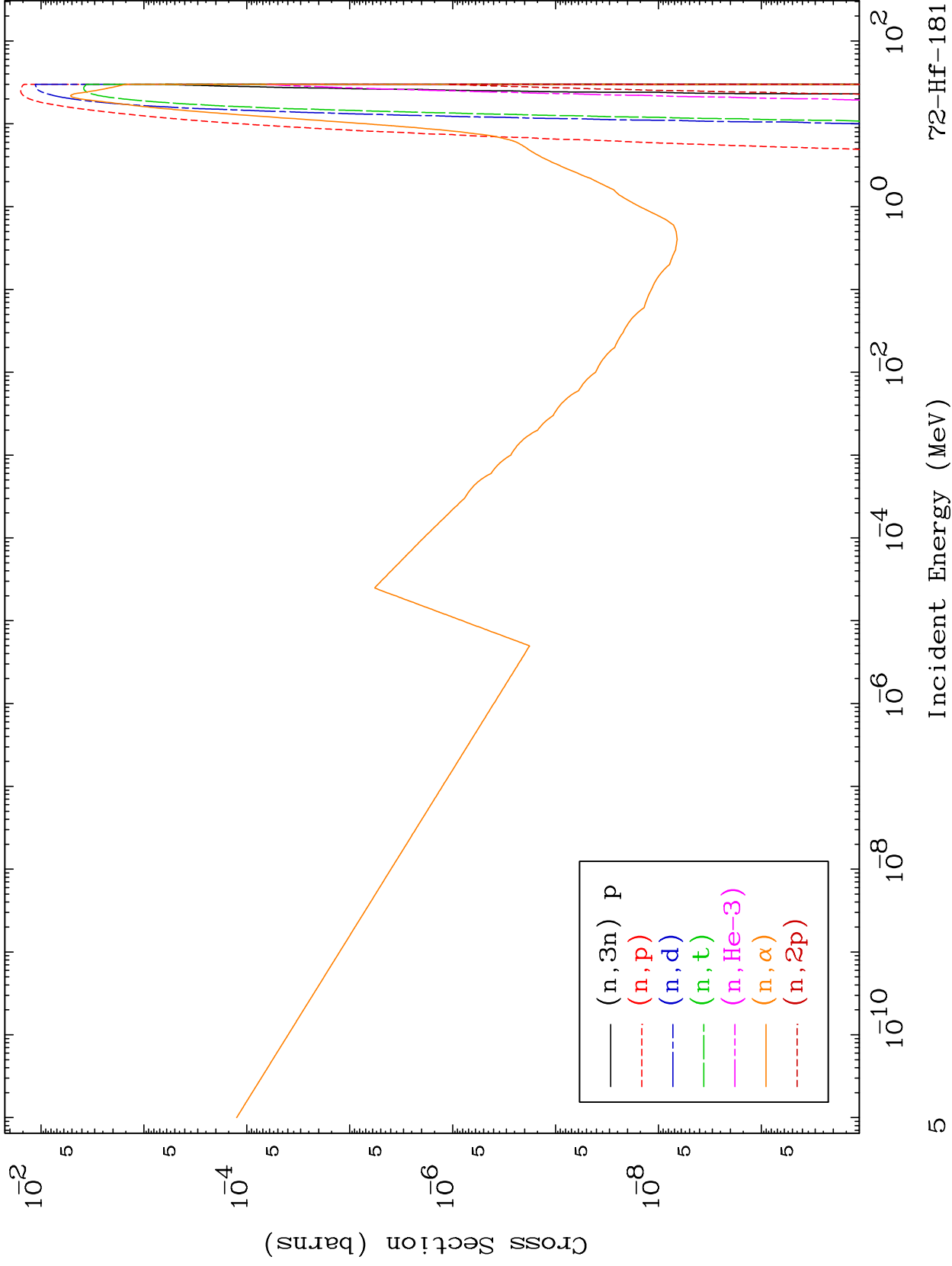
72-Hf-181



MAT 7246

Charged Particle
293 Kelvin Cross Sections

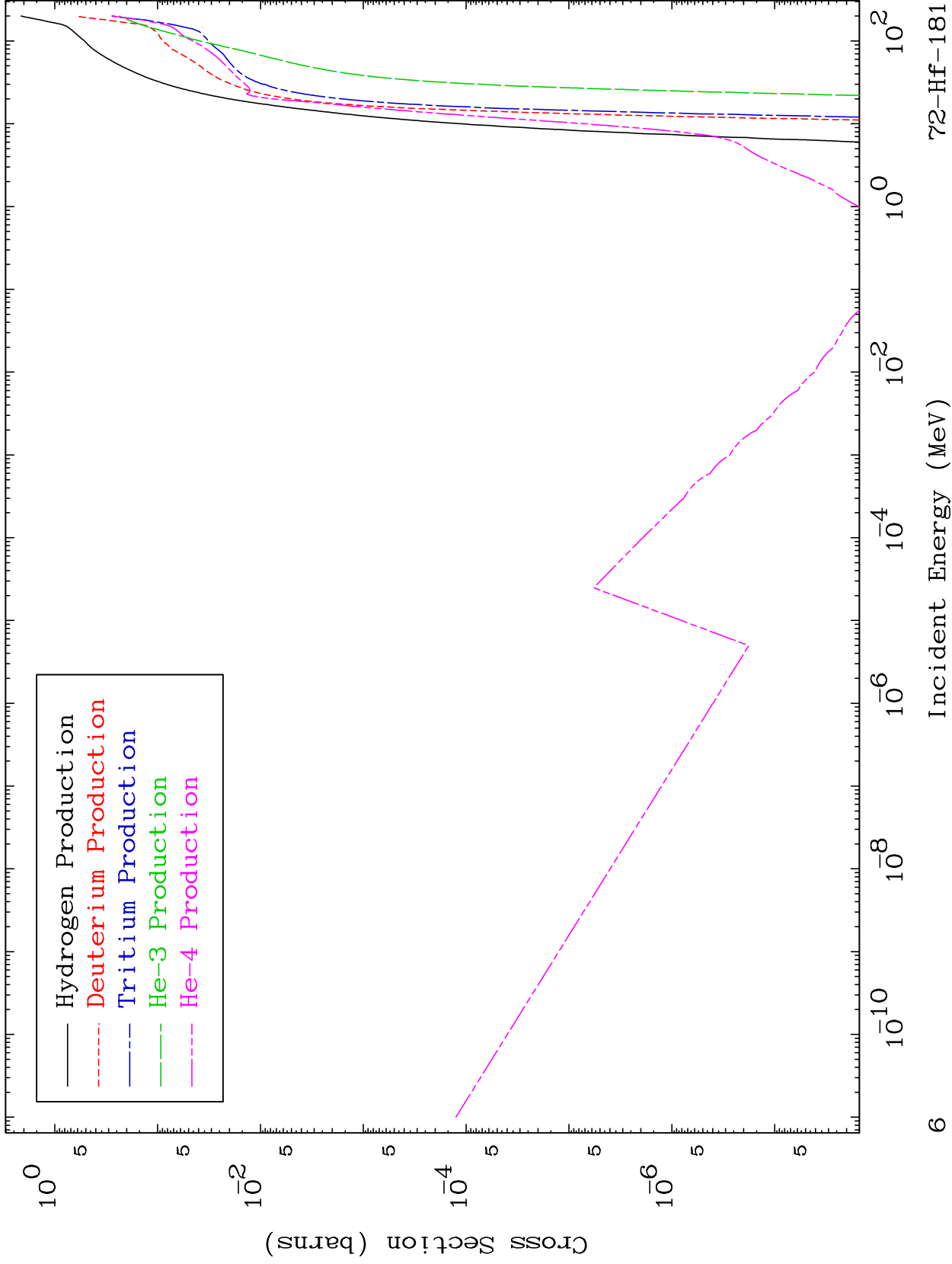
72-Hf-181



MAT 7246

Particle Production
293 Kelvin Cross Sections

72-Hf-181

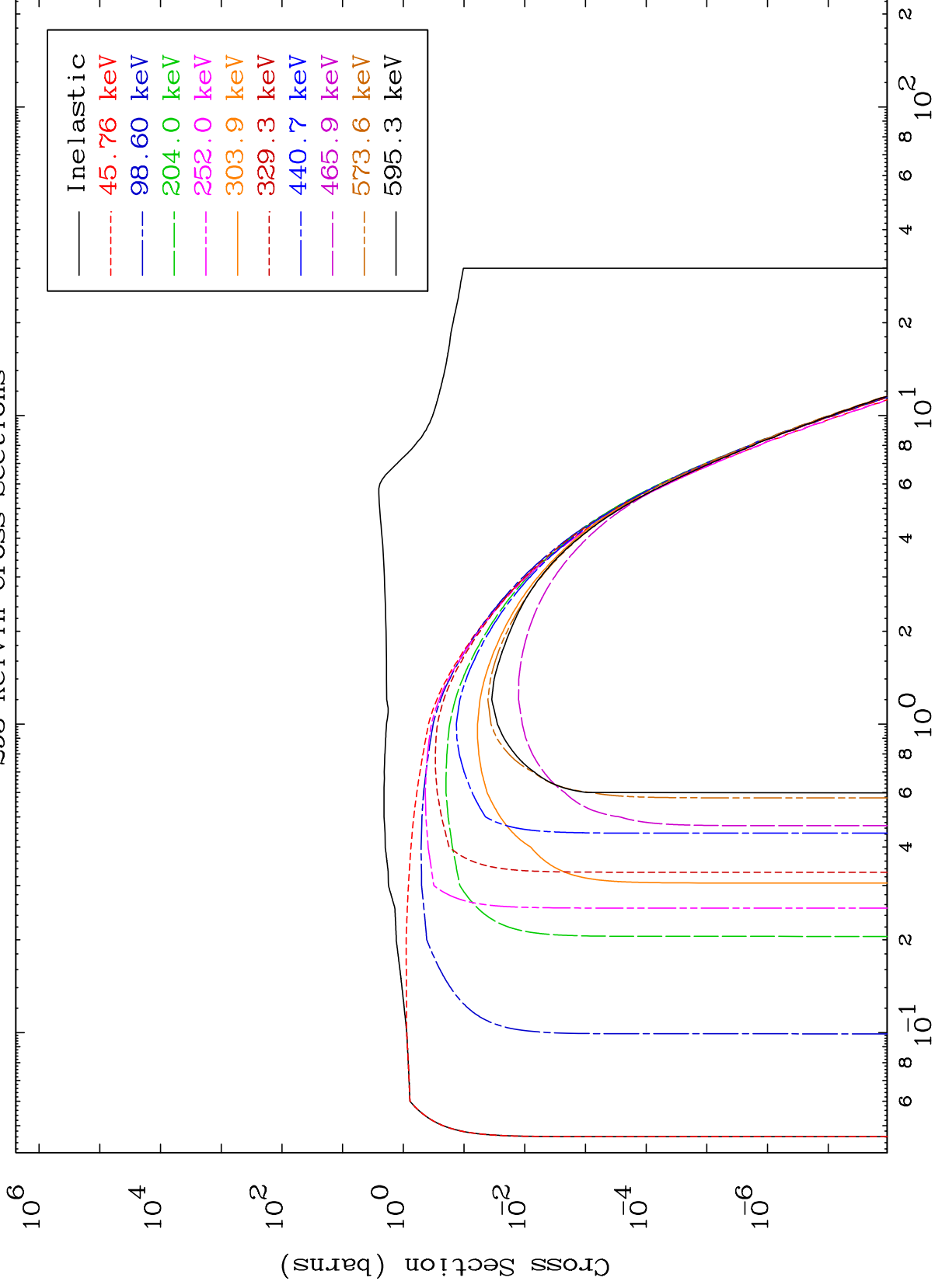


MAT 7246

(n,n') Level

72-Hf-181

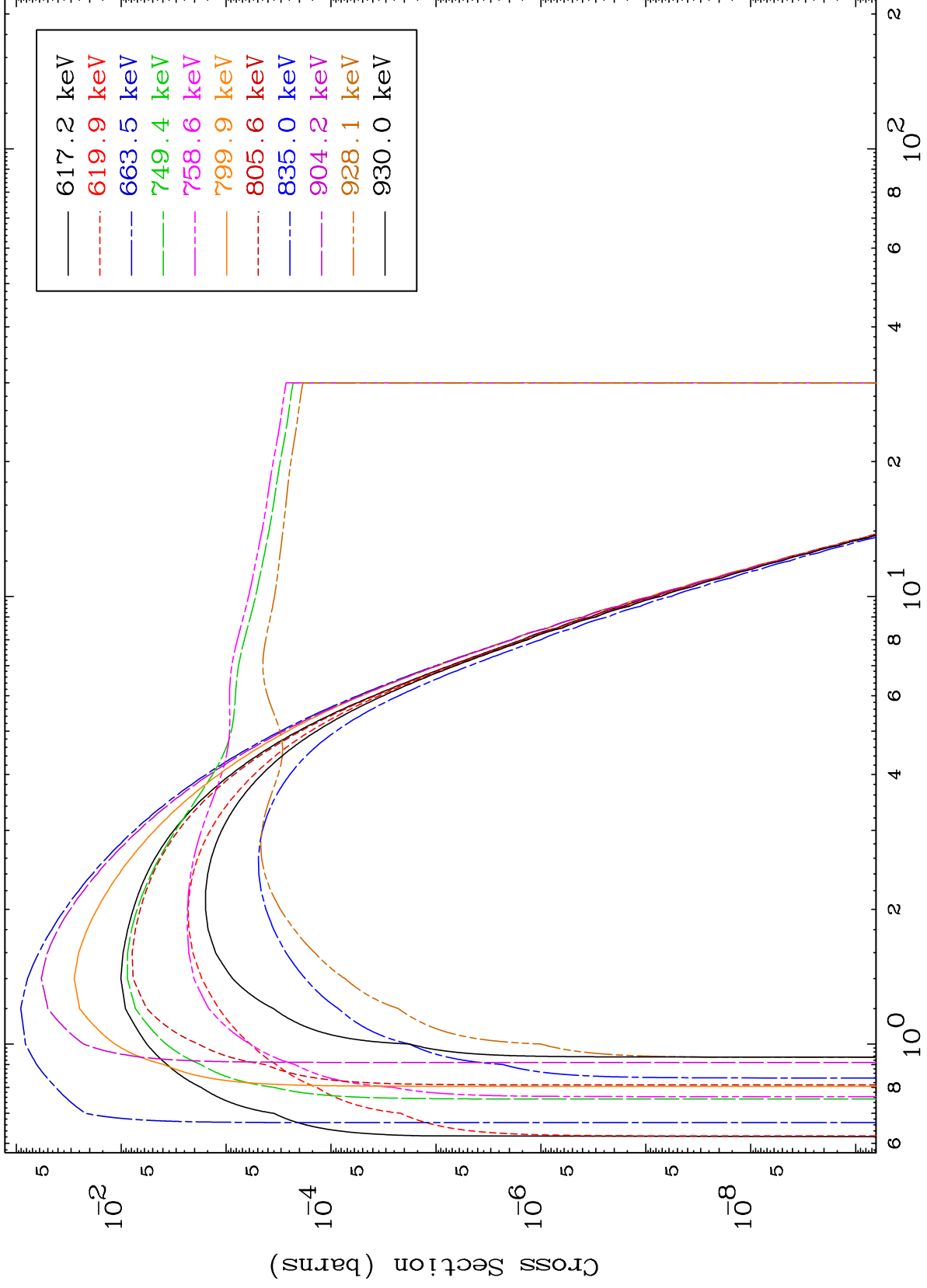
293 Kelvin Cross Sections



MAT 7246

(n,n') Level
293 Kelvin Cross Sections

72-Hf-181



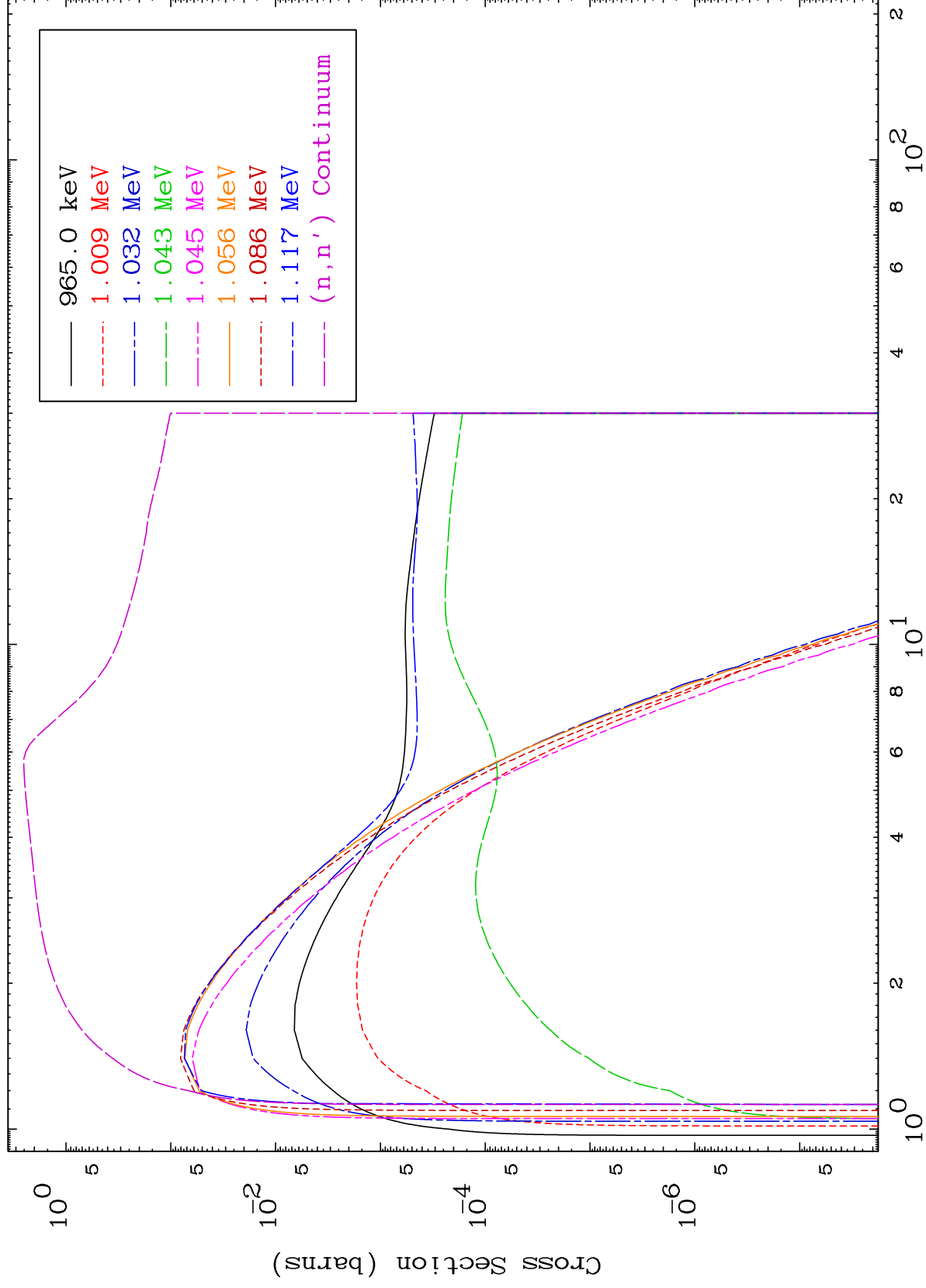
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,n') Level
293 Kelvin Cross Sections

72-Hf-181



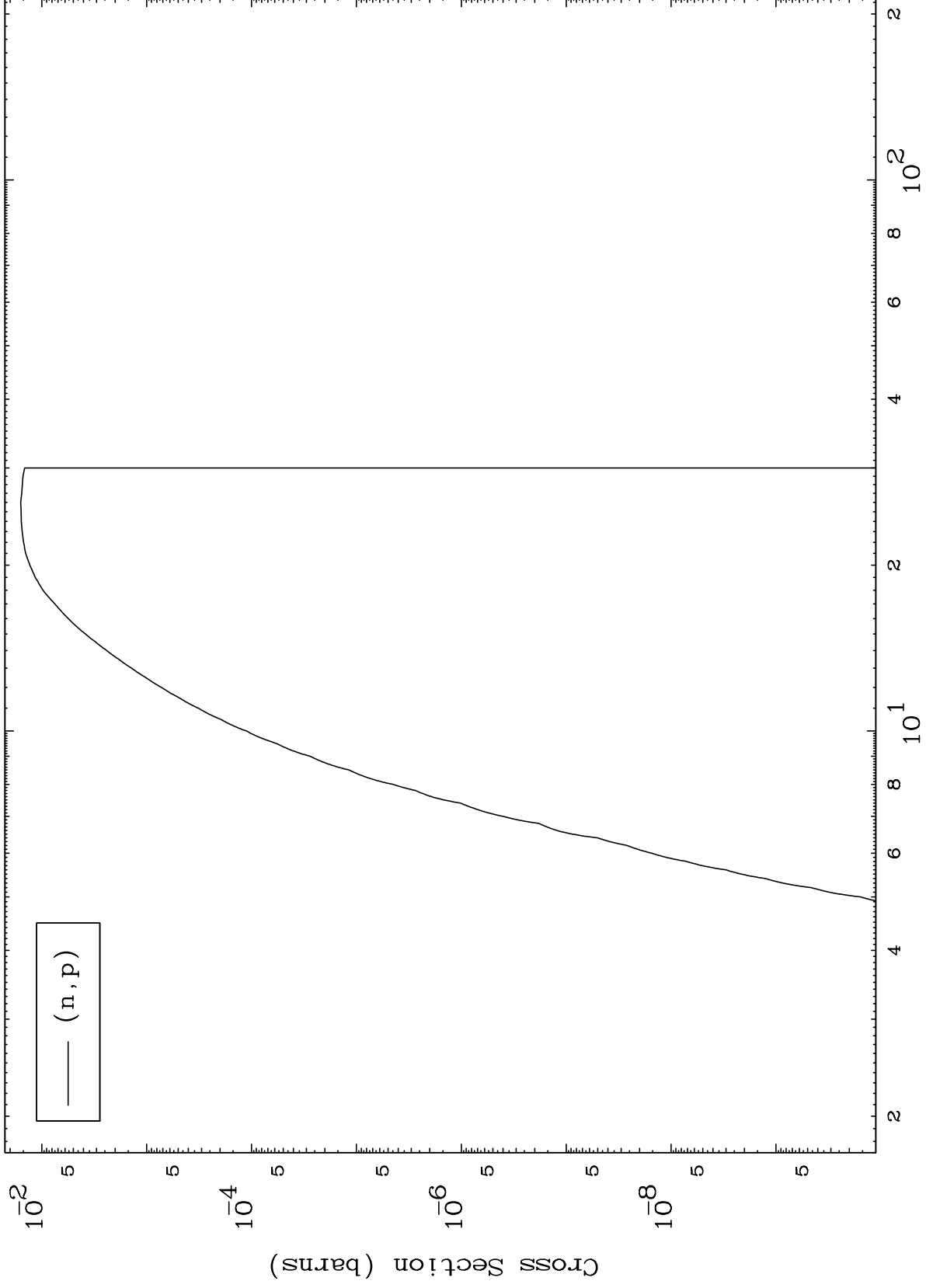
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,p) Levels
293 Kelvin Cross Sections

72-Hf-181



10

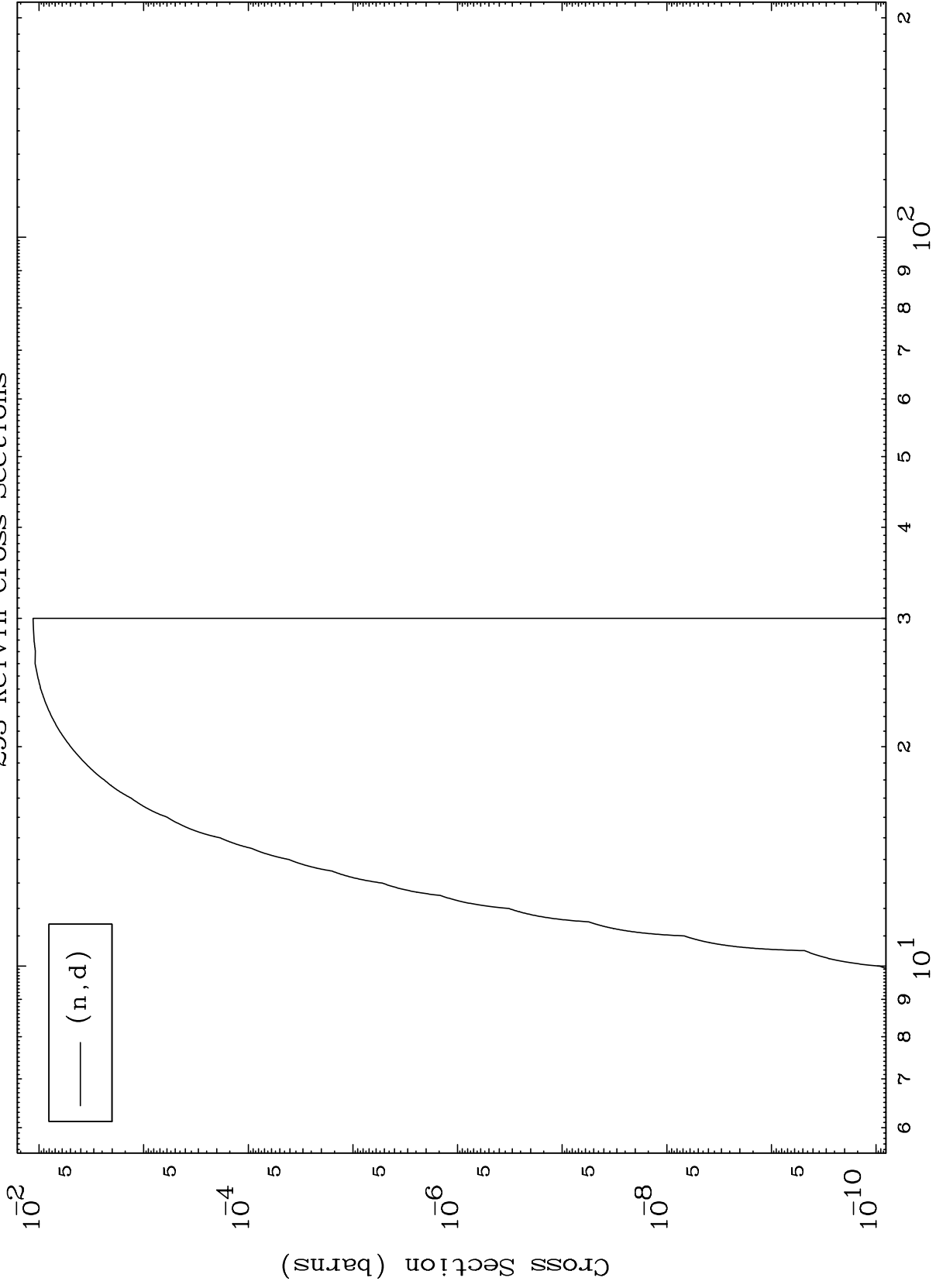
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,d) Levels
293 Kelvin Cross Sections

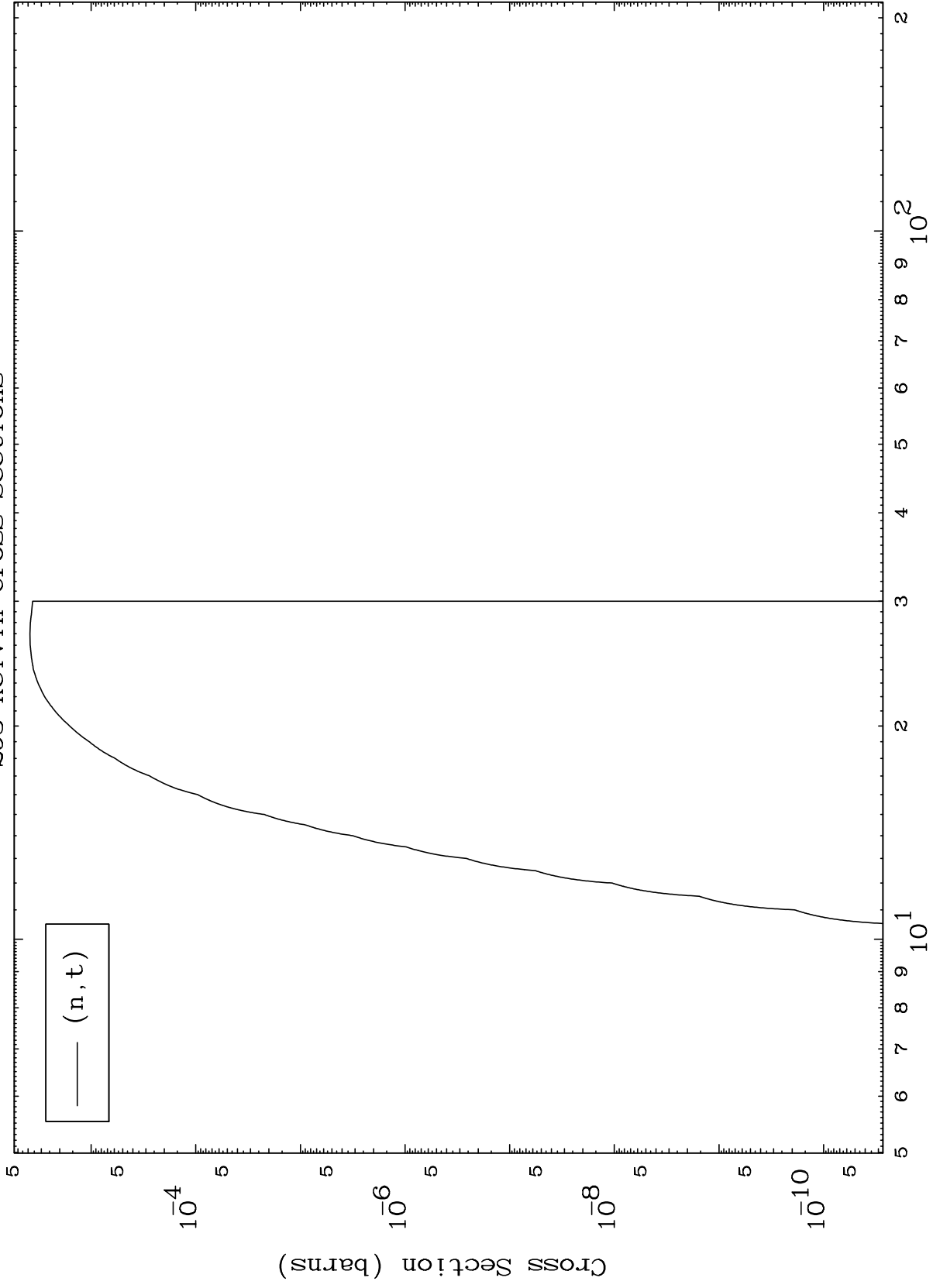
72-Hf-181



MAT 7246

(n,t) Levels
293 Kelvin Cross Sections

72-Hf-181



12

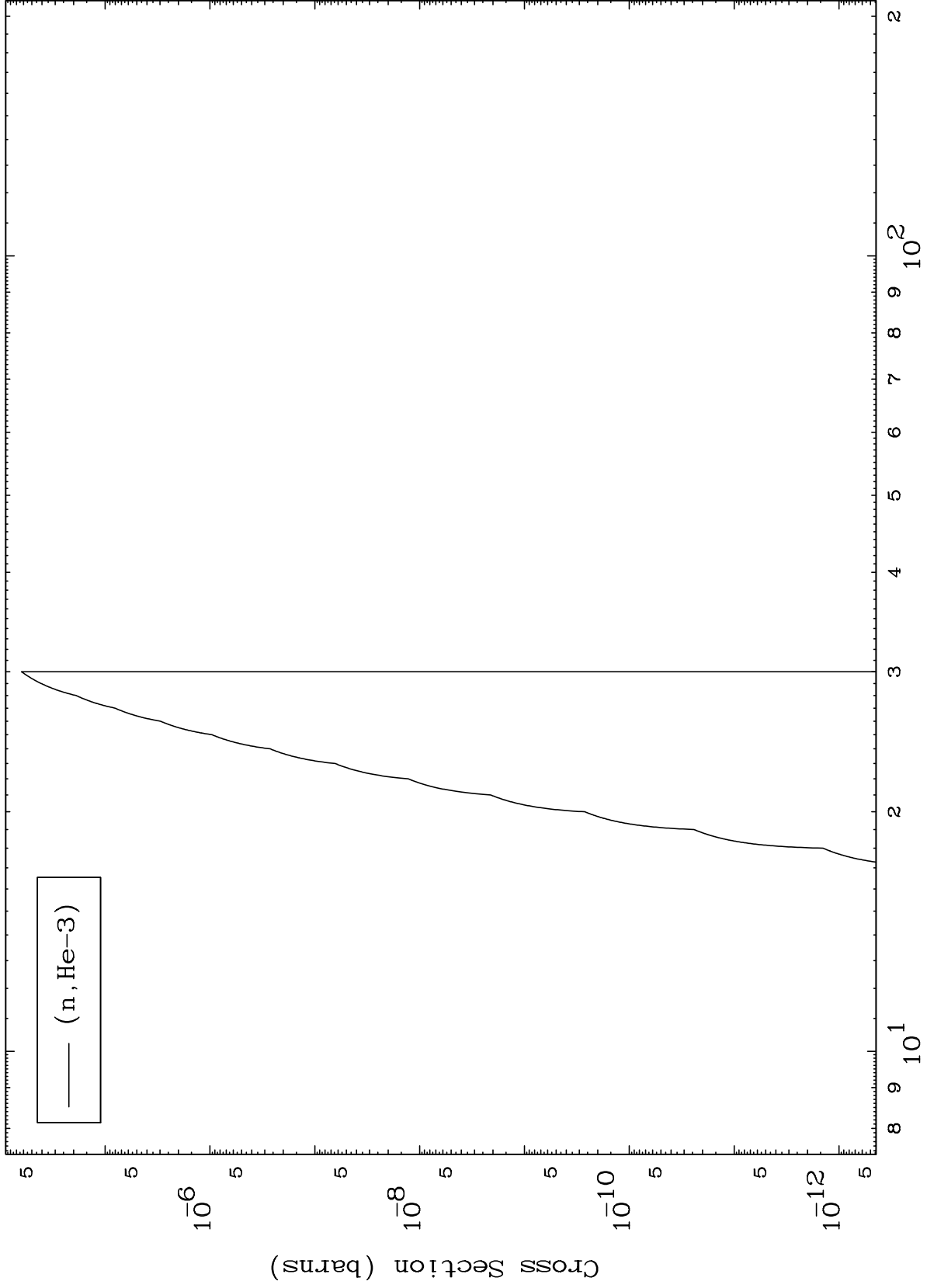
Incident Energy (MeV)

72-Hf-181

MAT 7246

(n,He3) Levels
293 Kelvin Cross Sections

72-Hf-181



13

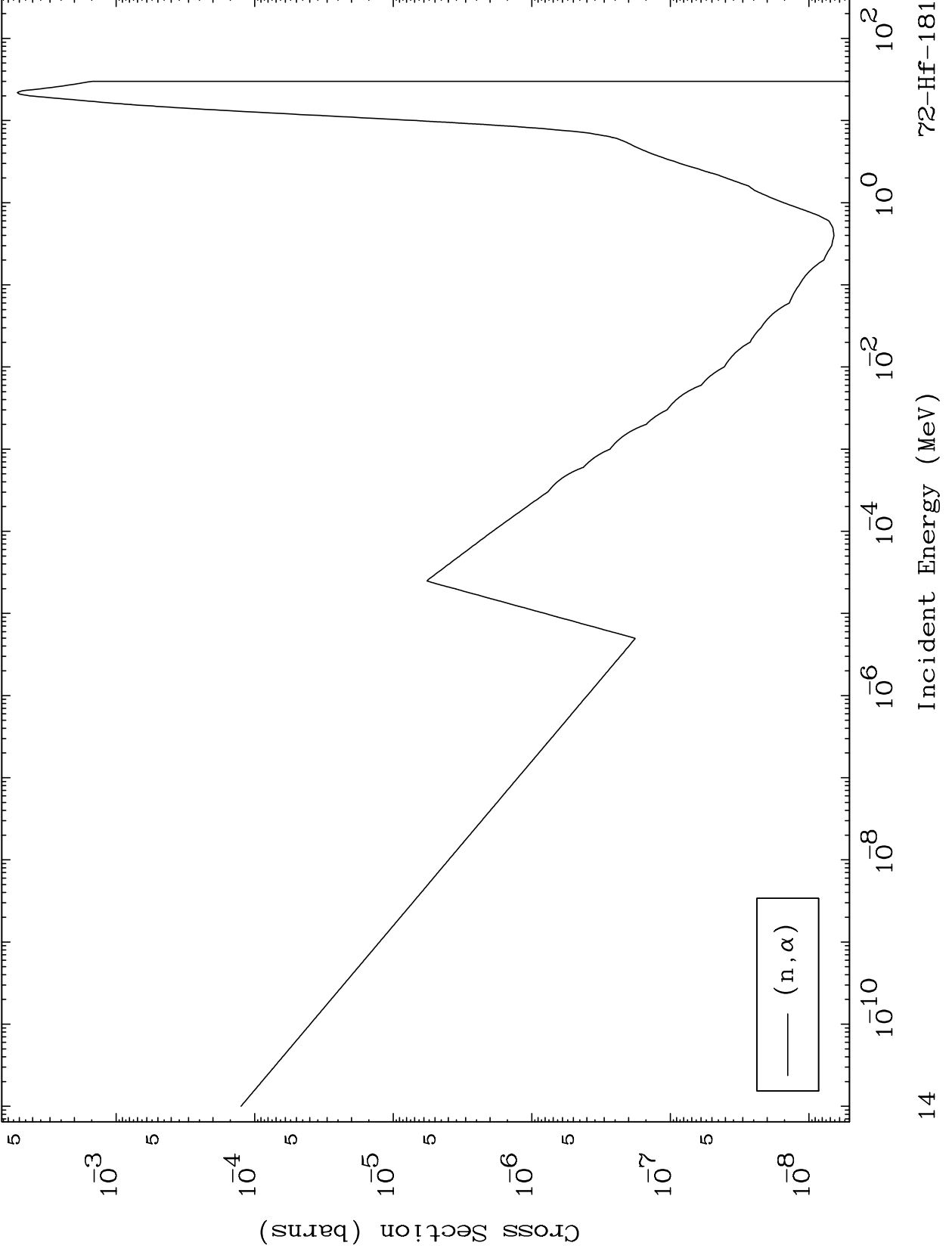
Incident Energy (MeV)

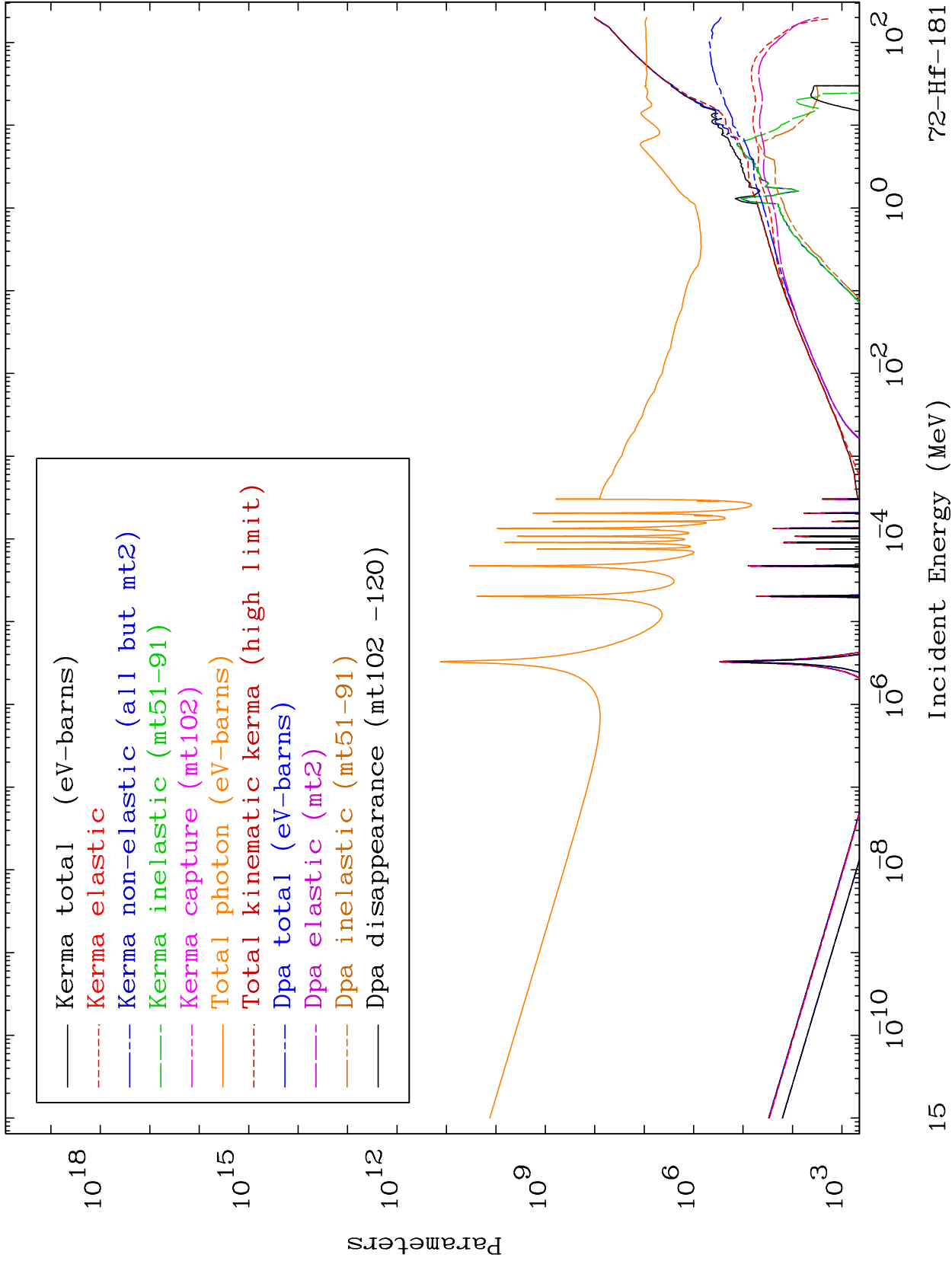
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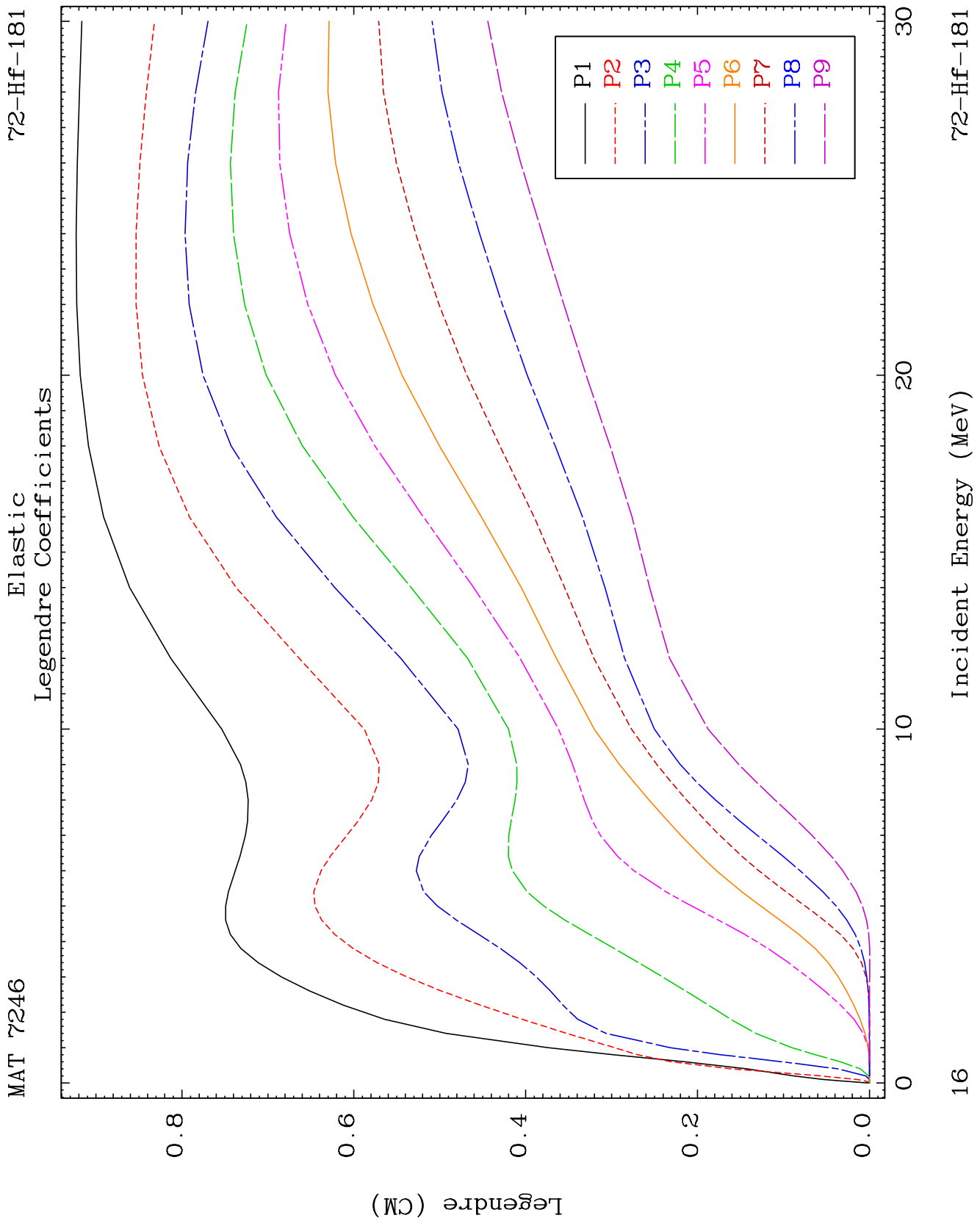
MAT 7246

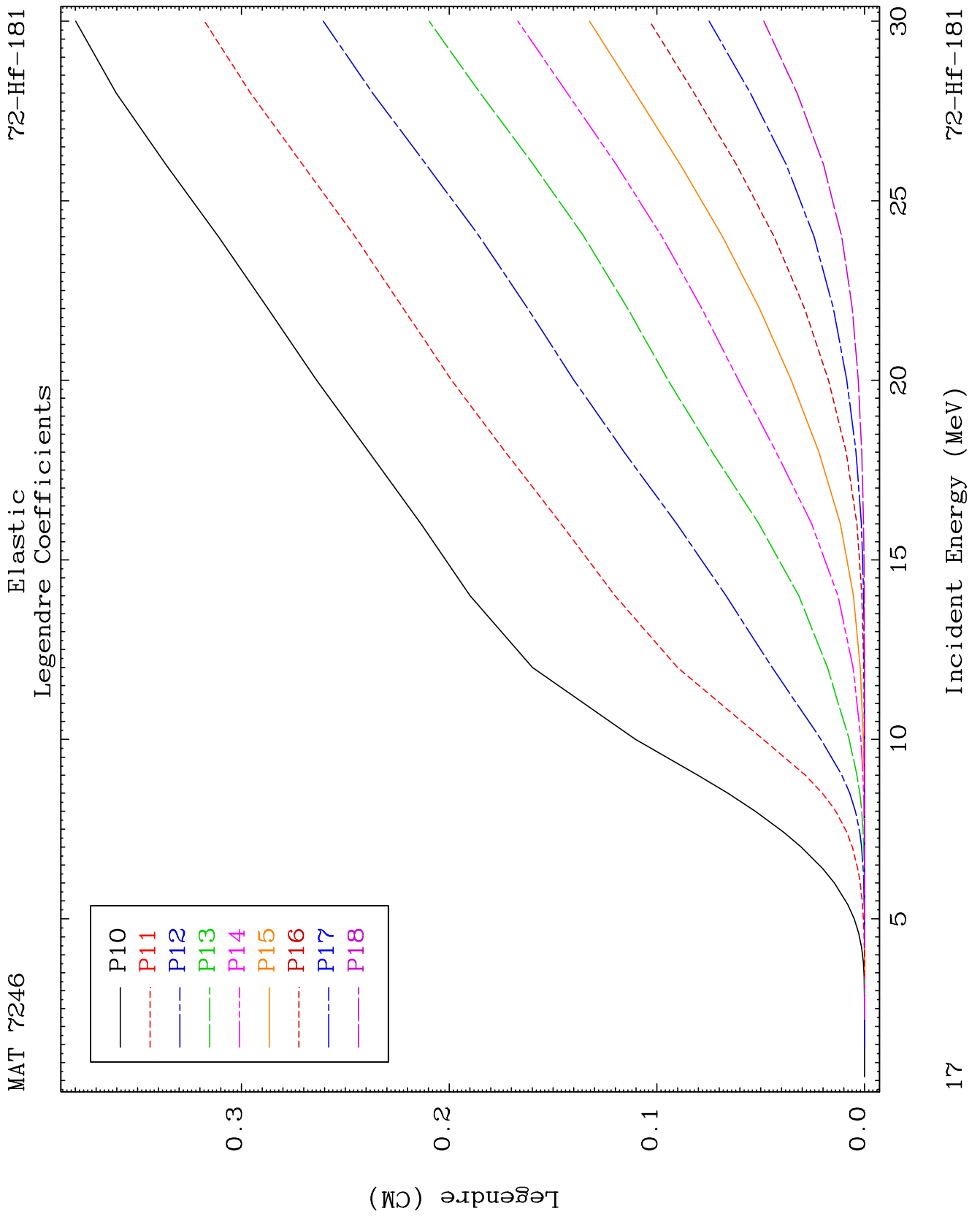
(n, α) Levels
293 Kelvin Cross Sections

72-Hf-181





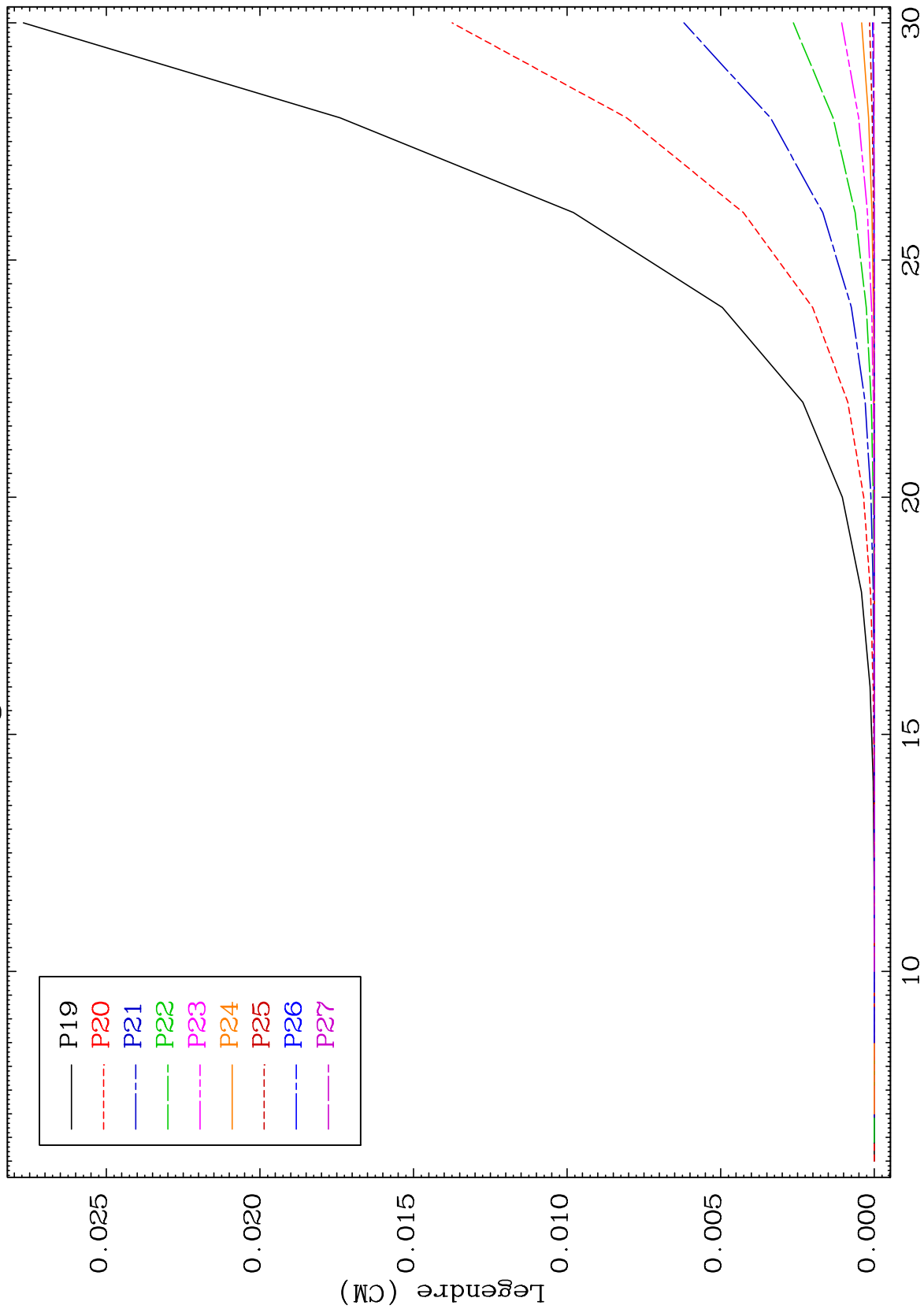




MAT 7246

Elastic Legendre Coefficients

72-Hf-181



18

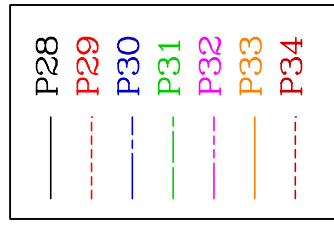
Incident Energy (MeV)

72-Hf-181

MAT 7246

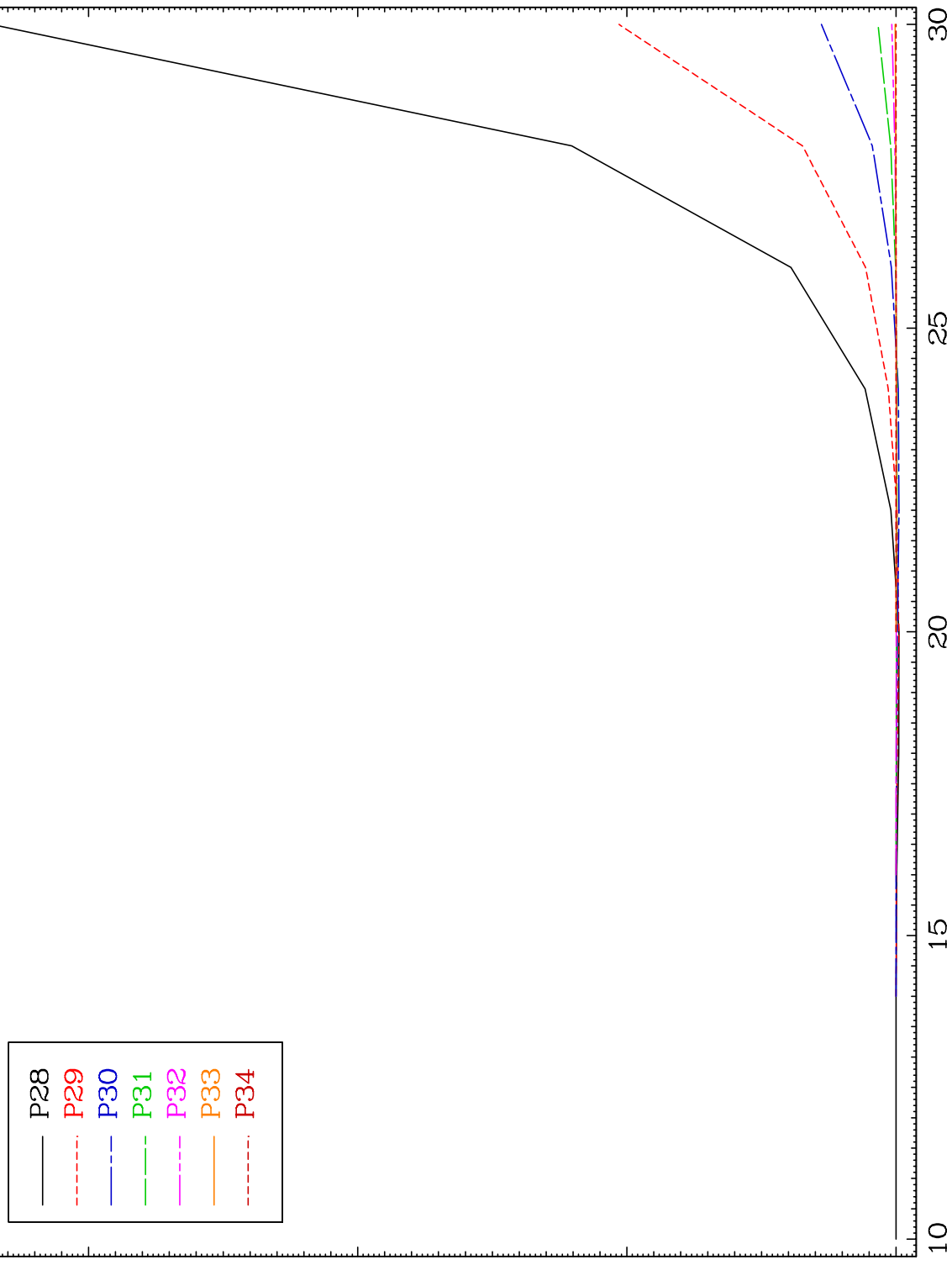
Elastic
Legendre Coefficients

72-Hf-181



$\times 10^{-6}$

Legendre (CM)



10

15

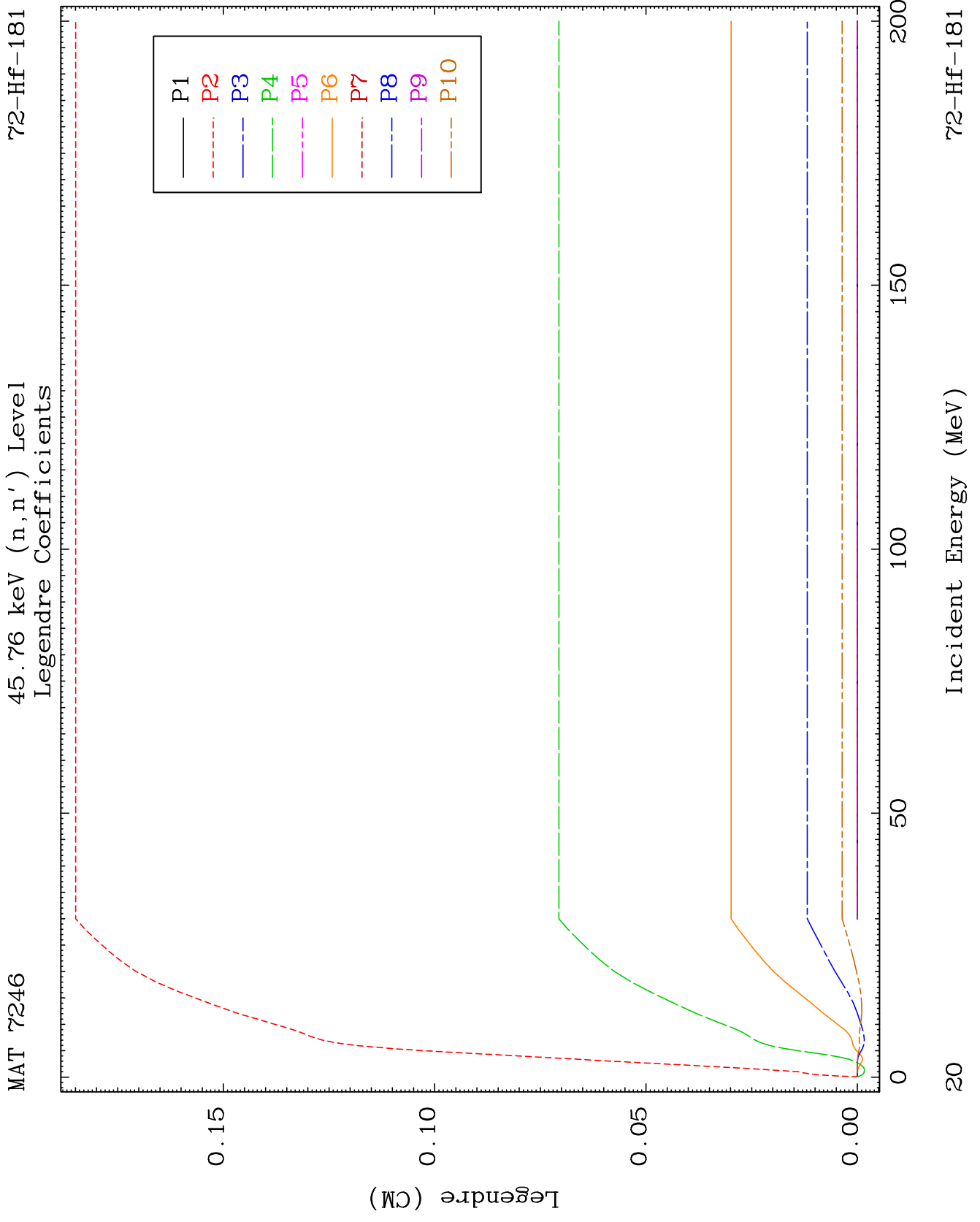
20

25

30

Incident Energy (MeV)

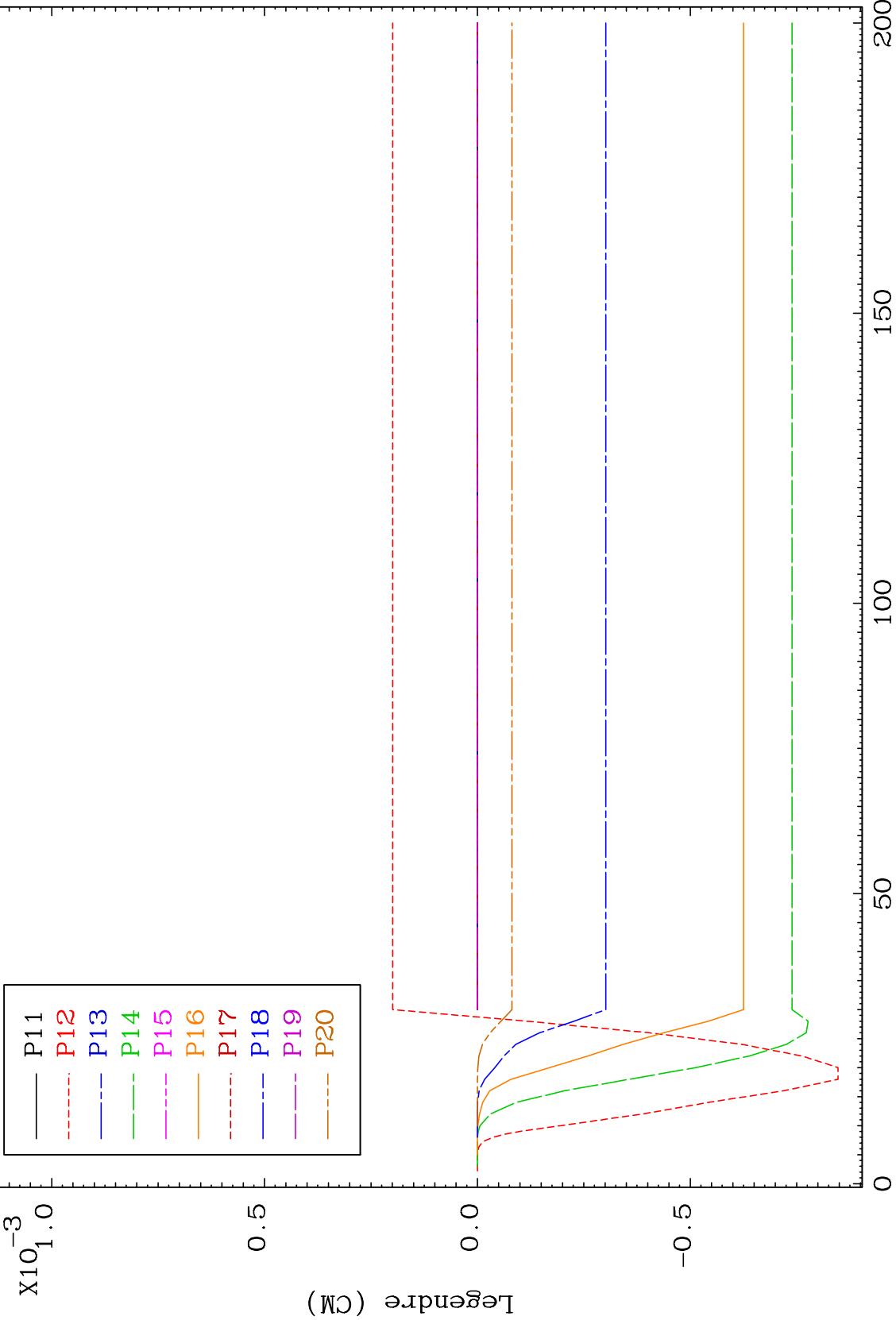
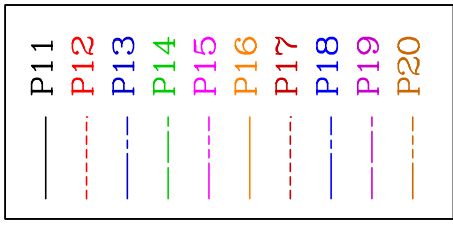
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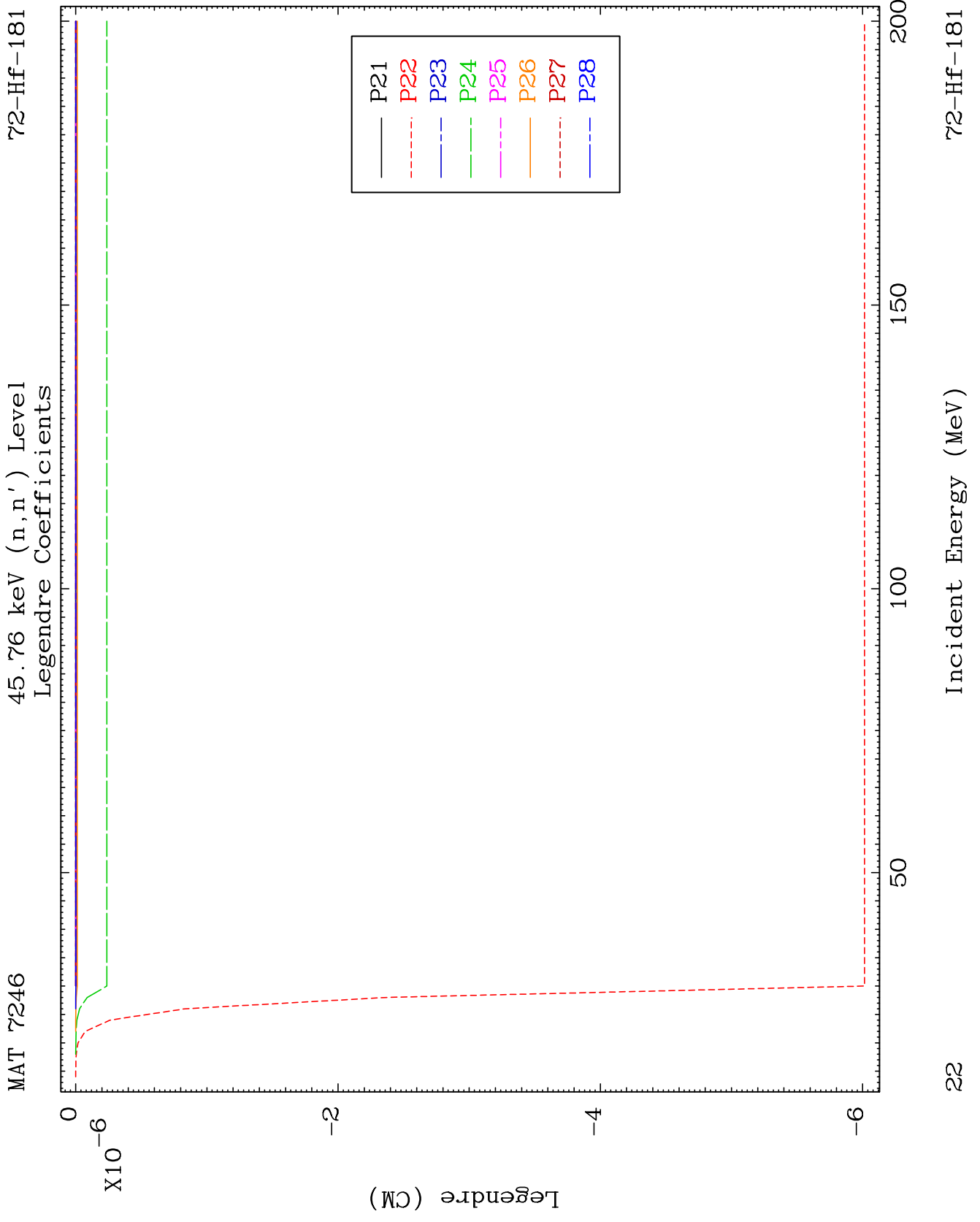


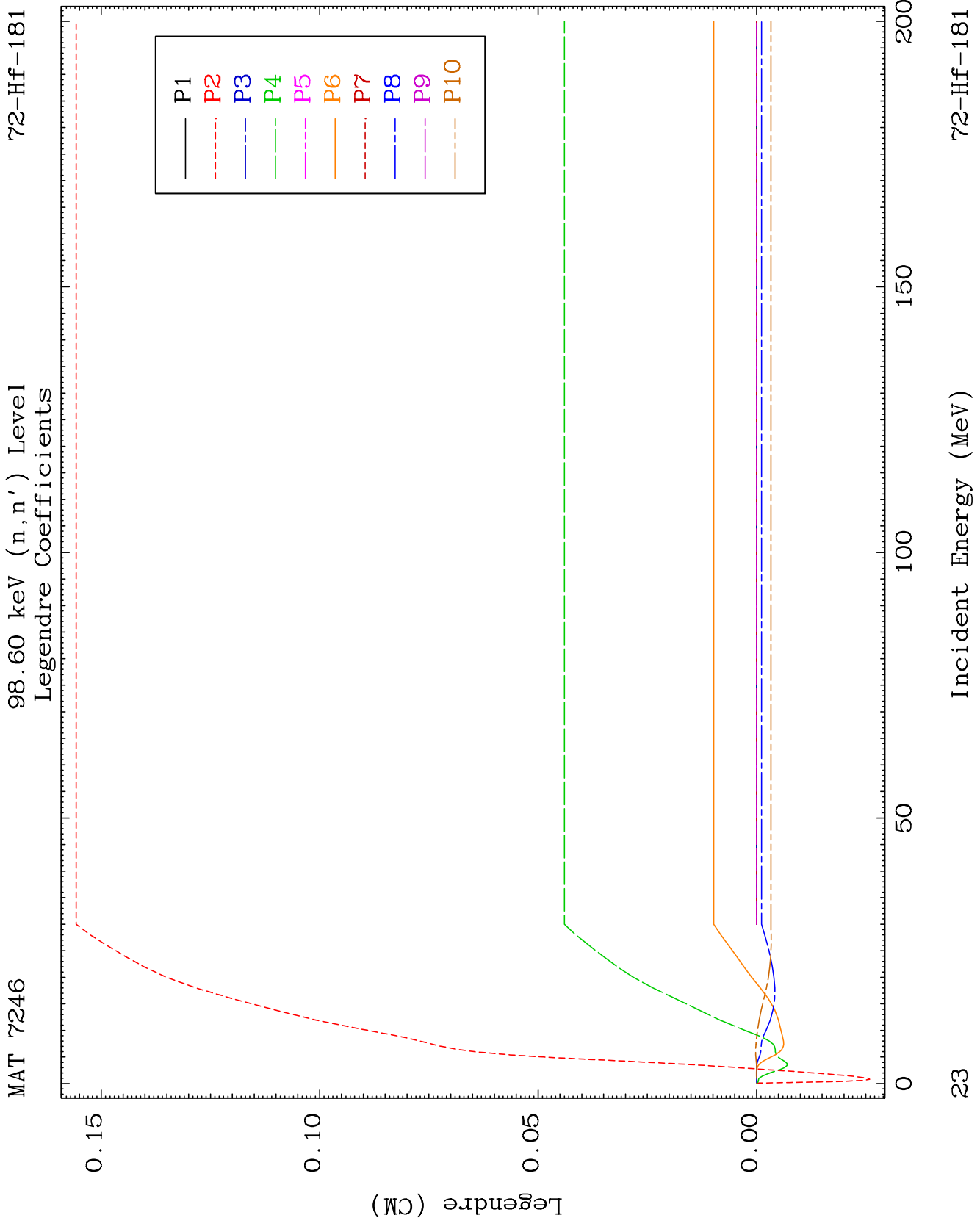
MAT 7246

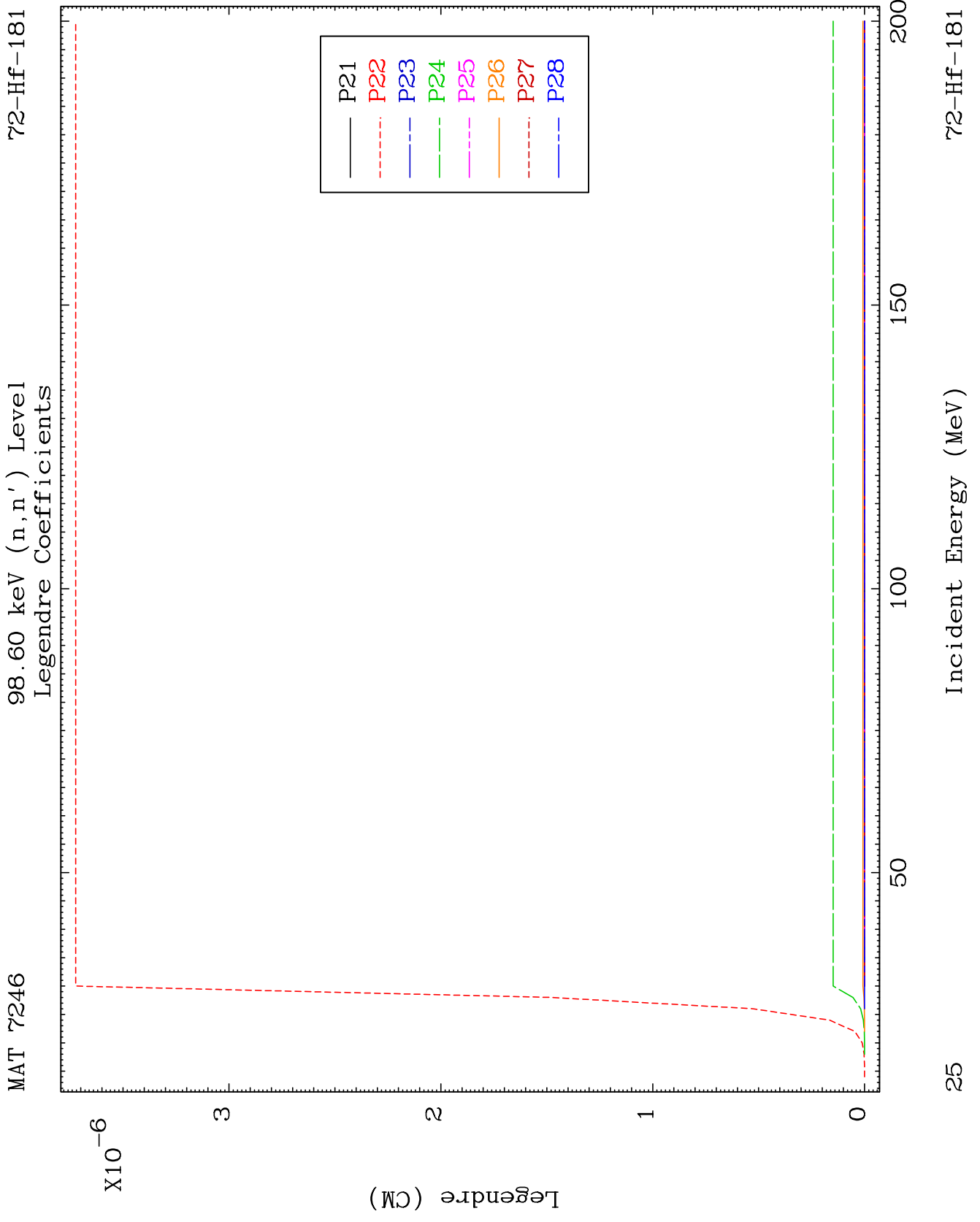
45.76 keV (n,n') Level
Legendre Coefficients

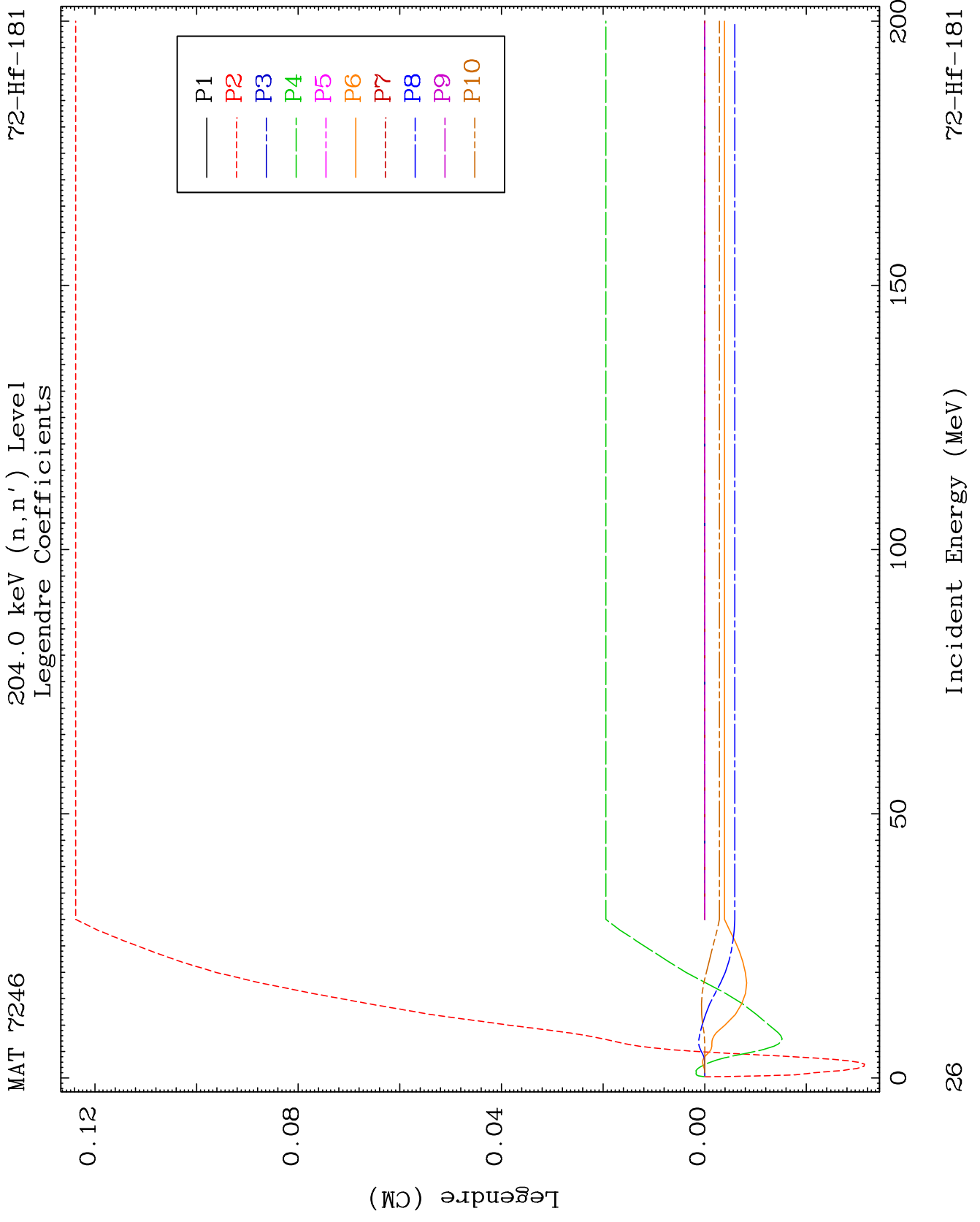
72-Hf-181

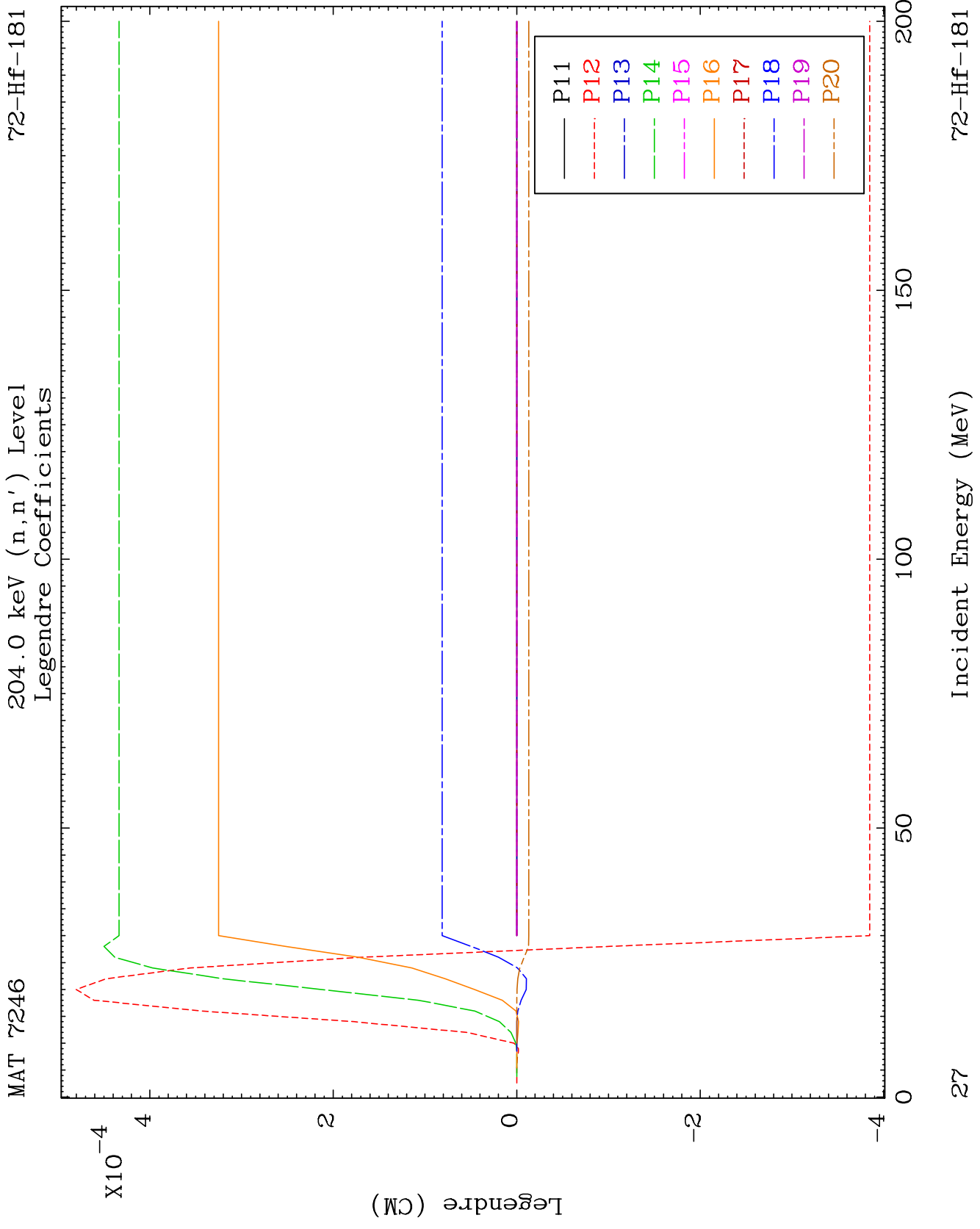


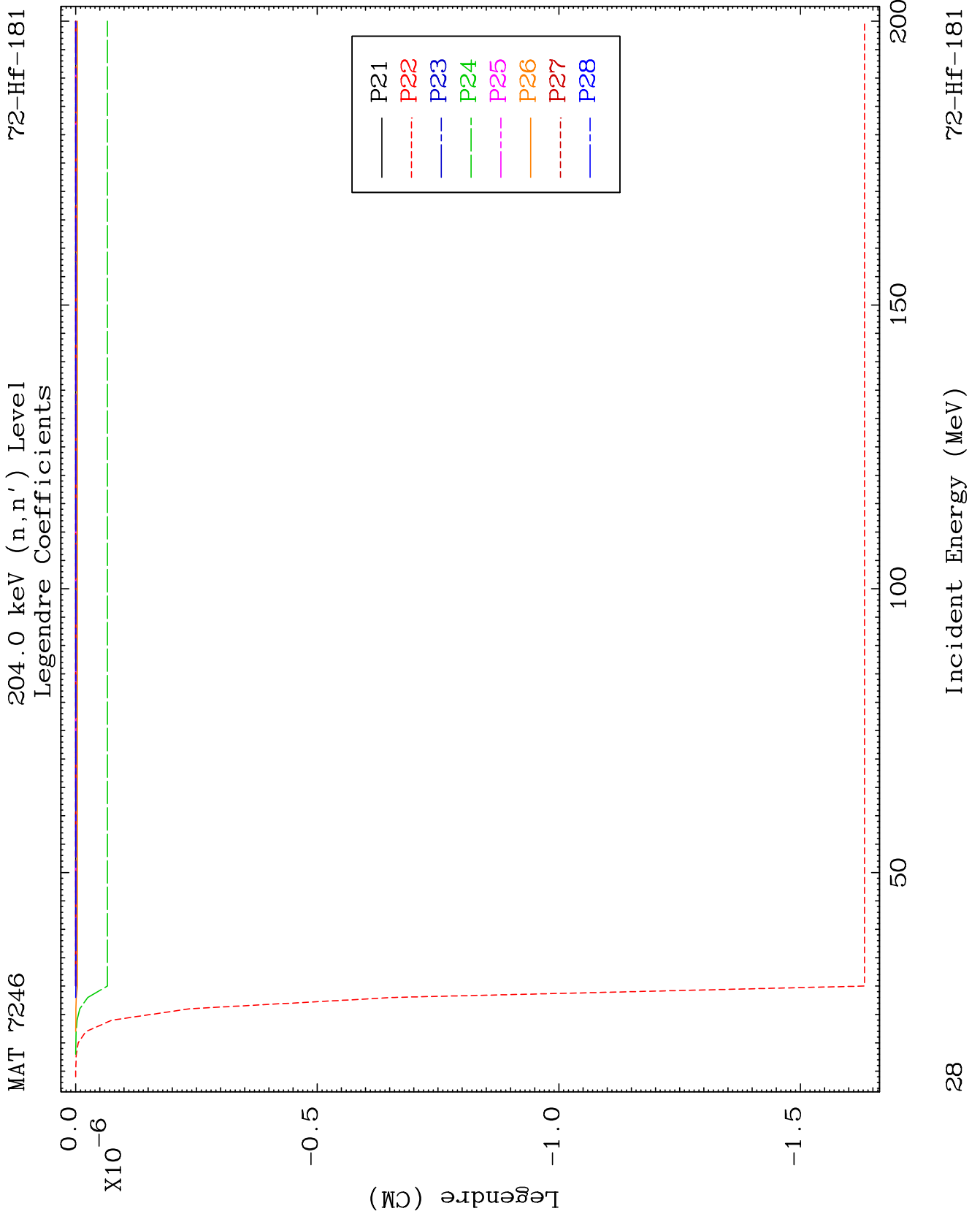


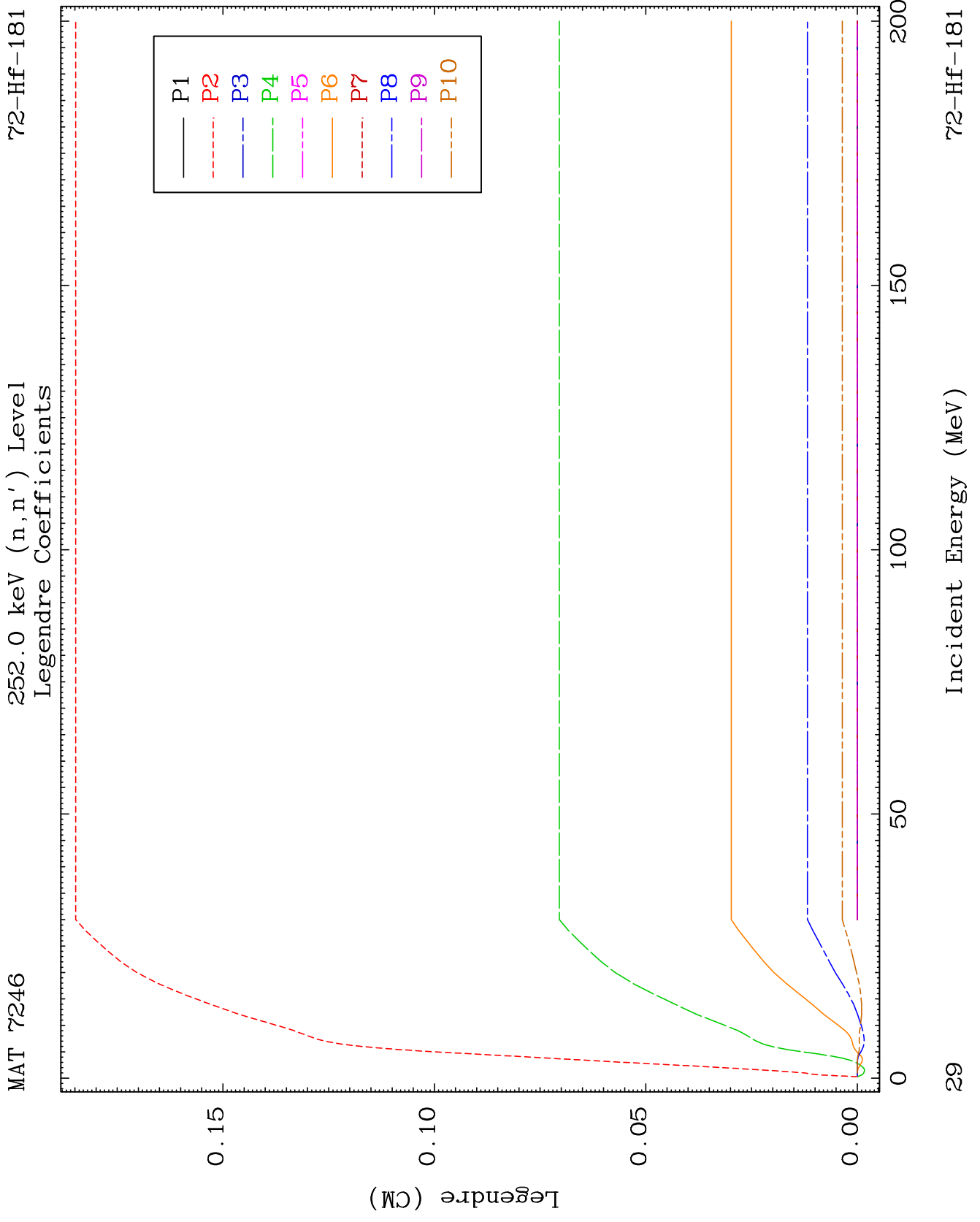








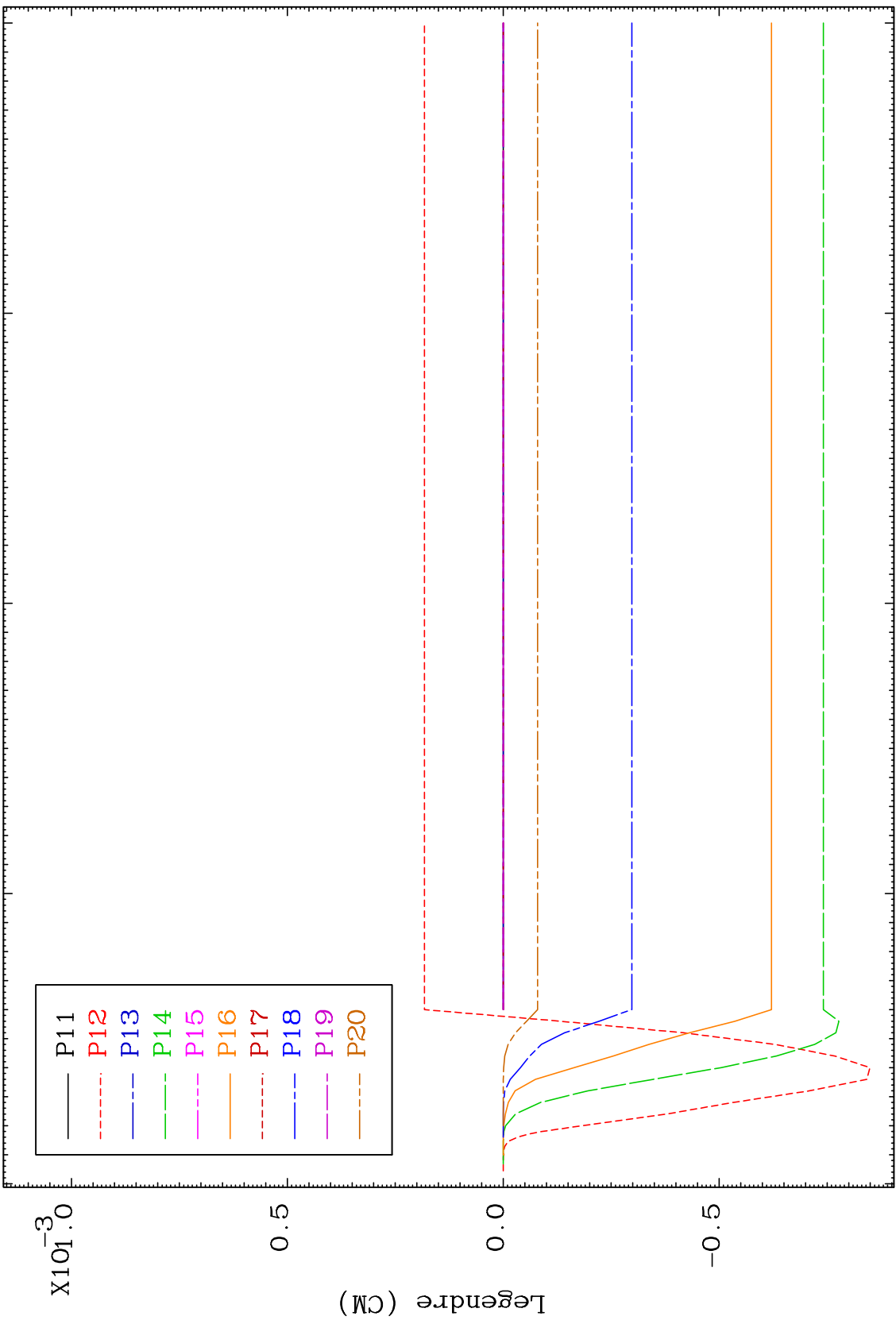
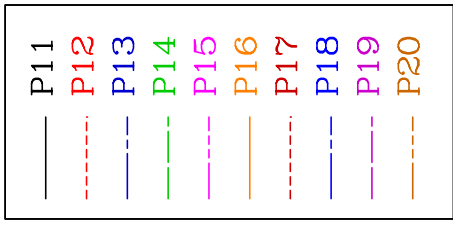




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252.0 keV (n,n') Level
Legendre Coefficients

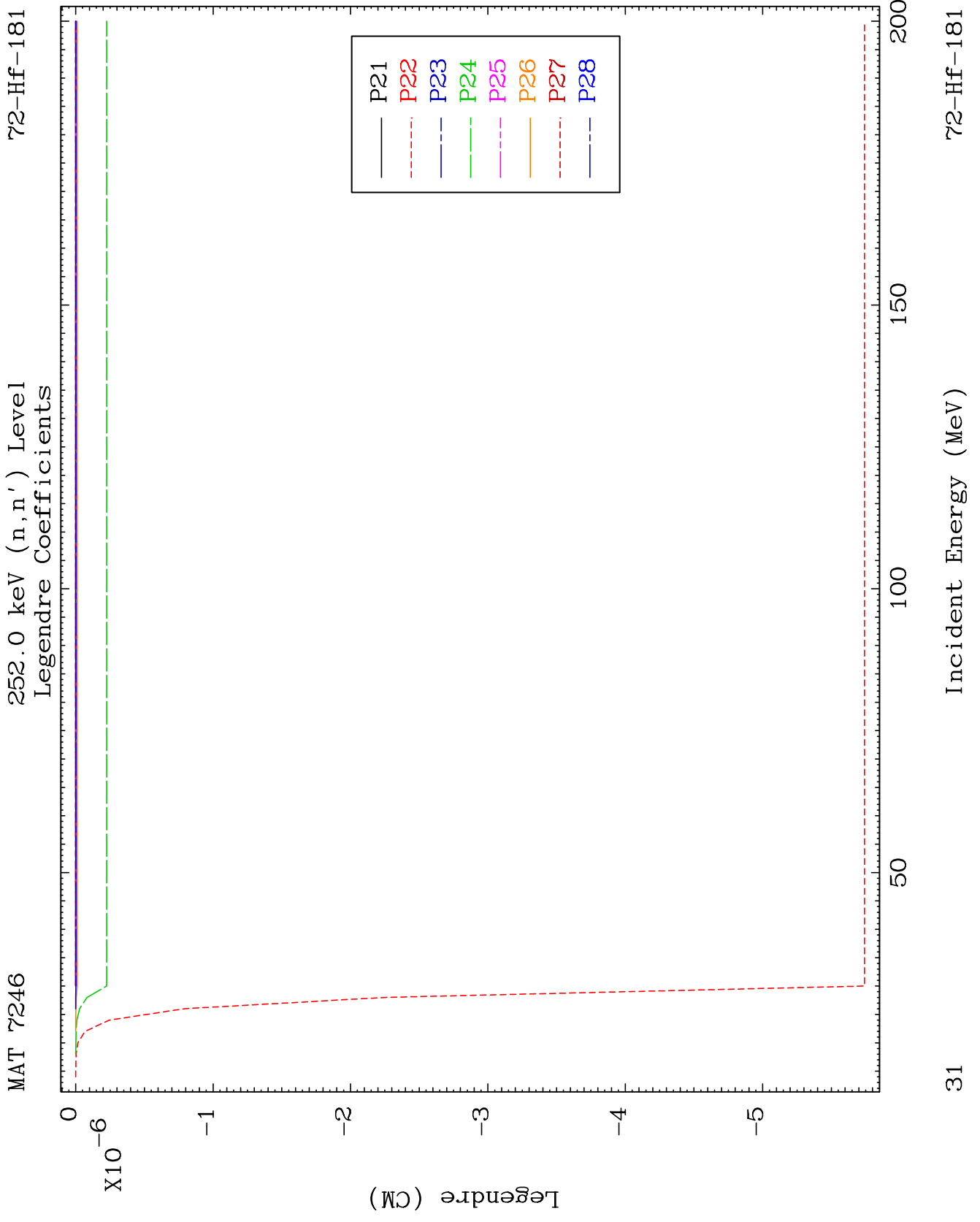
72-Hf-181



30

Incident Energy (MeV)

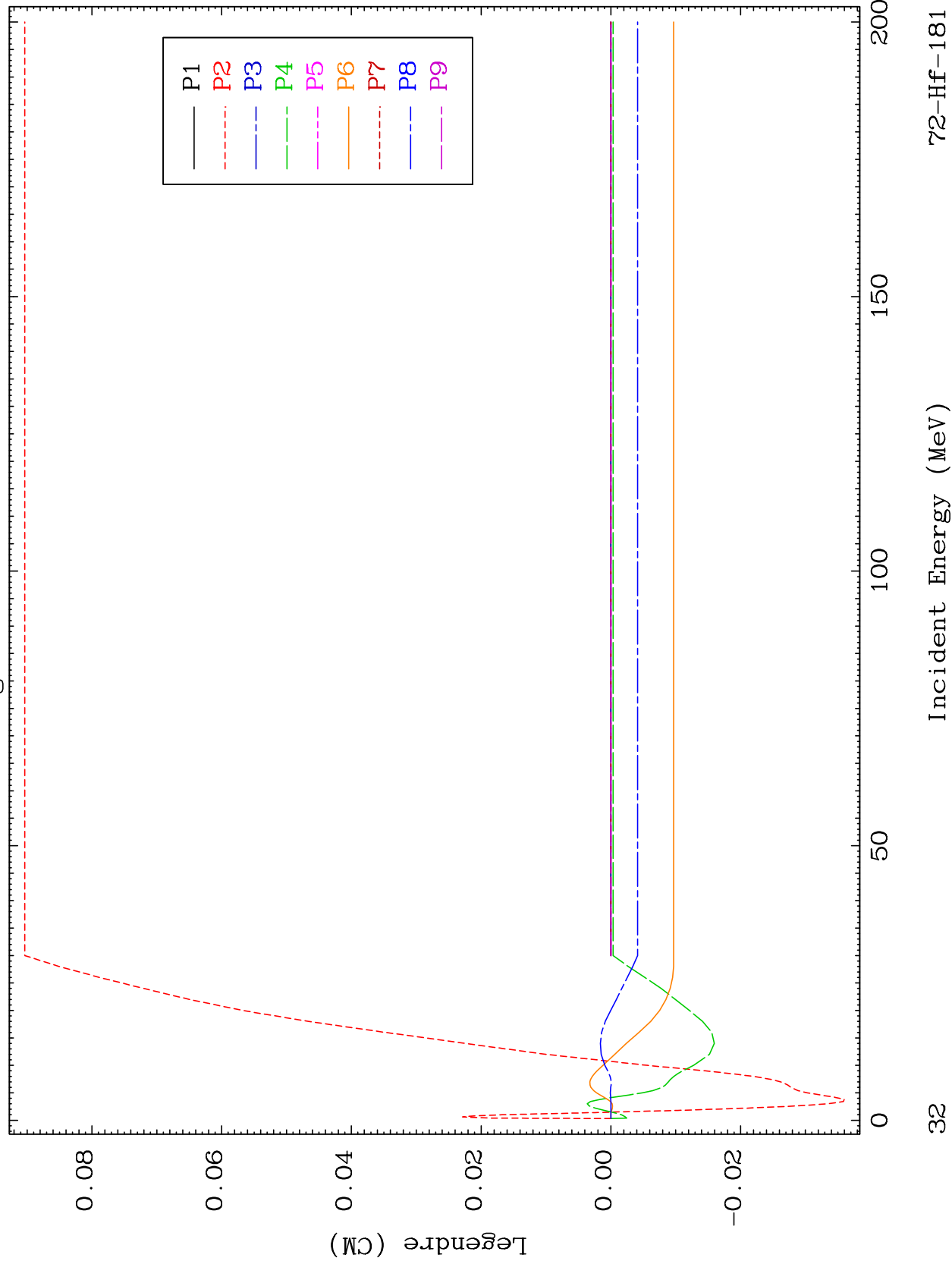
72-Hf-181



MAT 7246

303.9 keV (n,n') Level
Legendre Coefficients

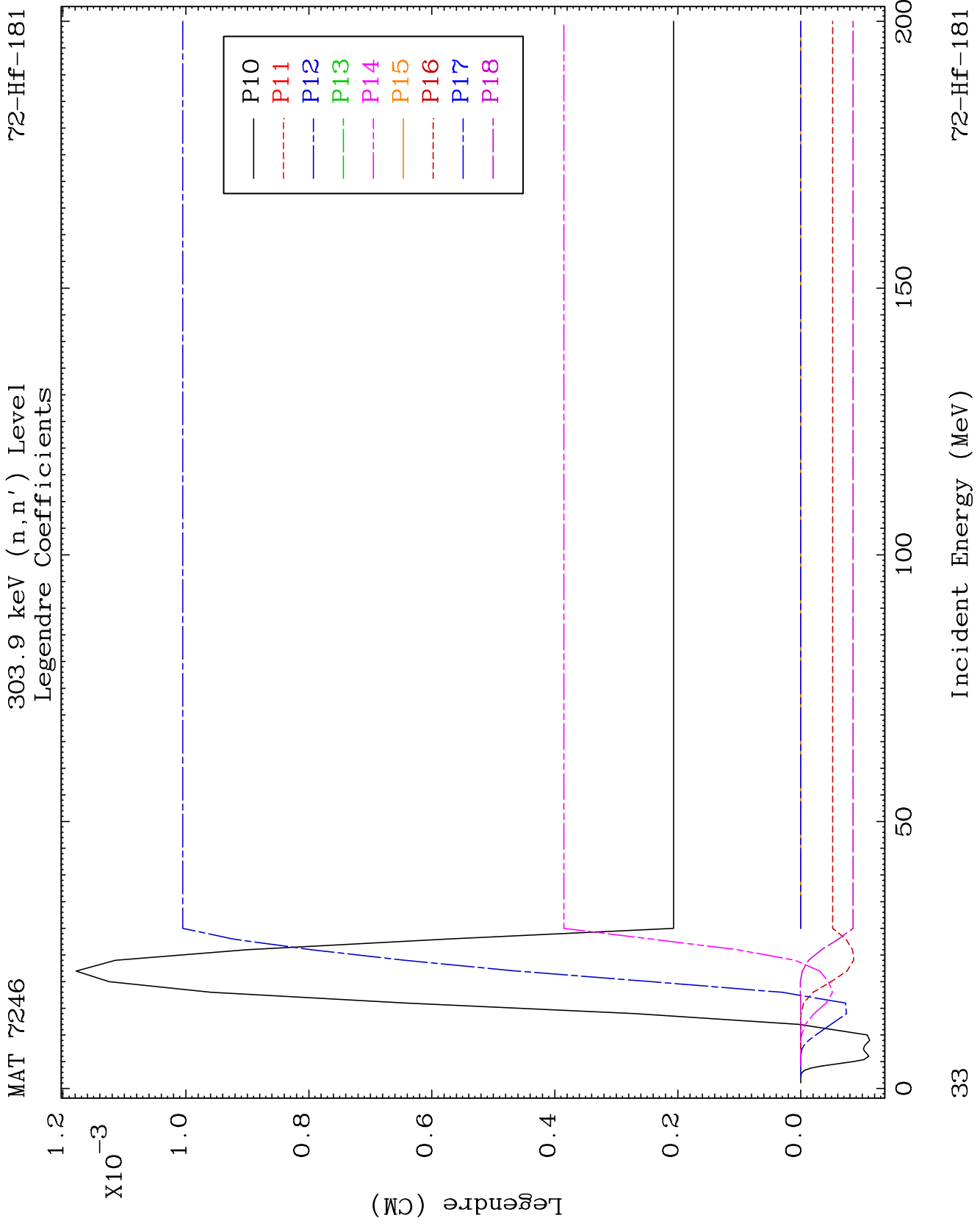
72-Hf-181



72-Hf-181

Incident Energy (MeV)

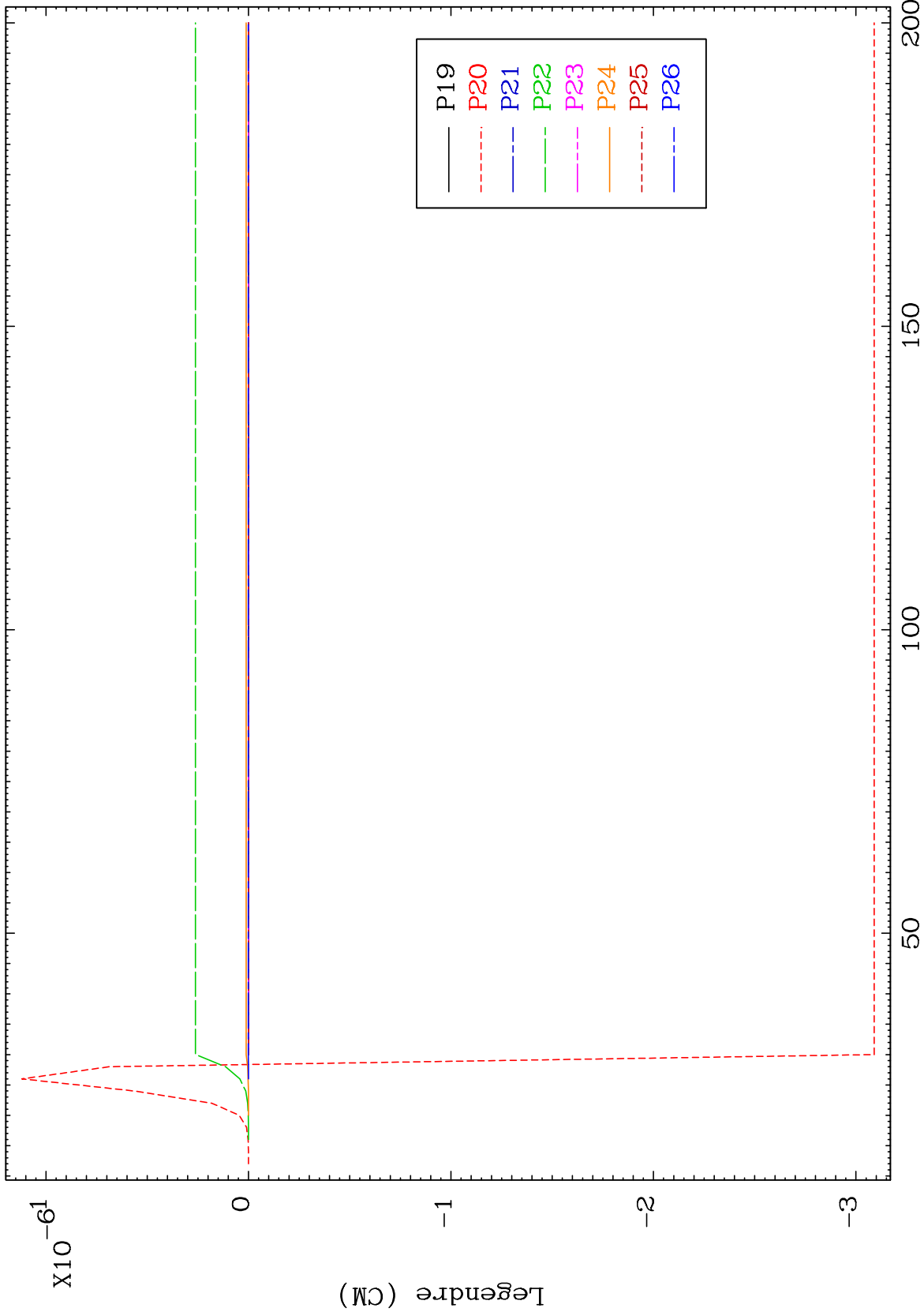
32



MAT 7246

303.9 keV (n,n') Level
Legendre Coefficients

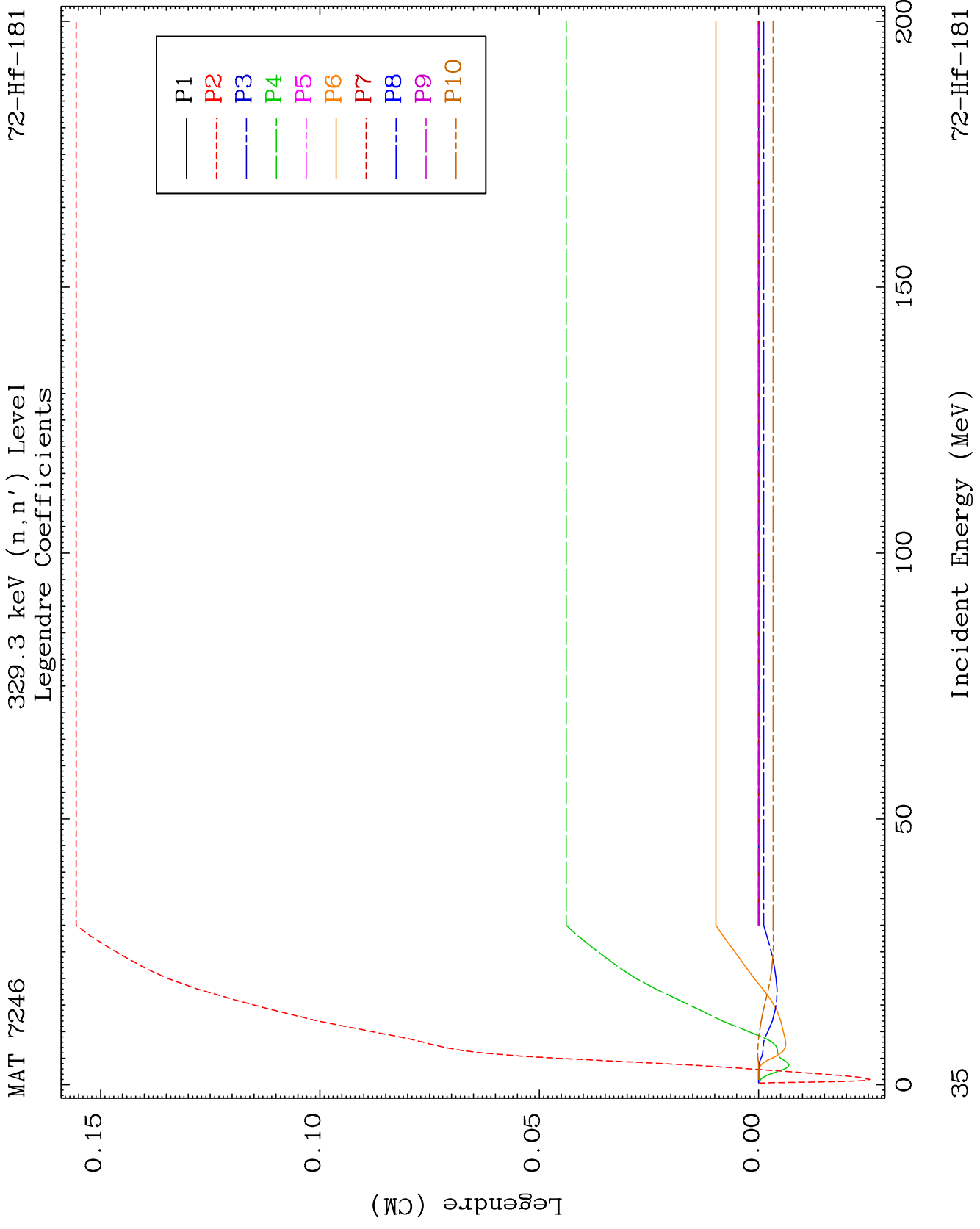
72-Hf-181



34

Incident Energy (MeV)

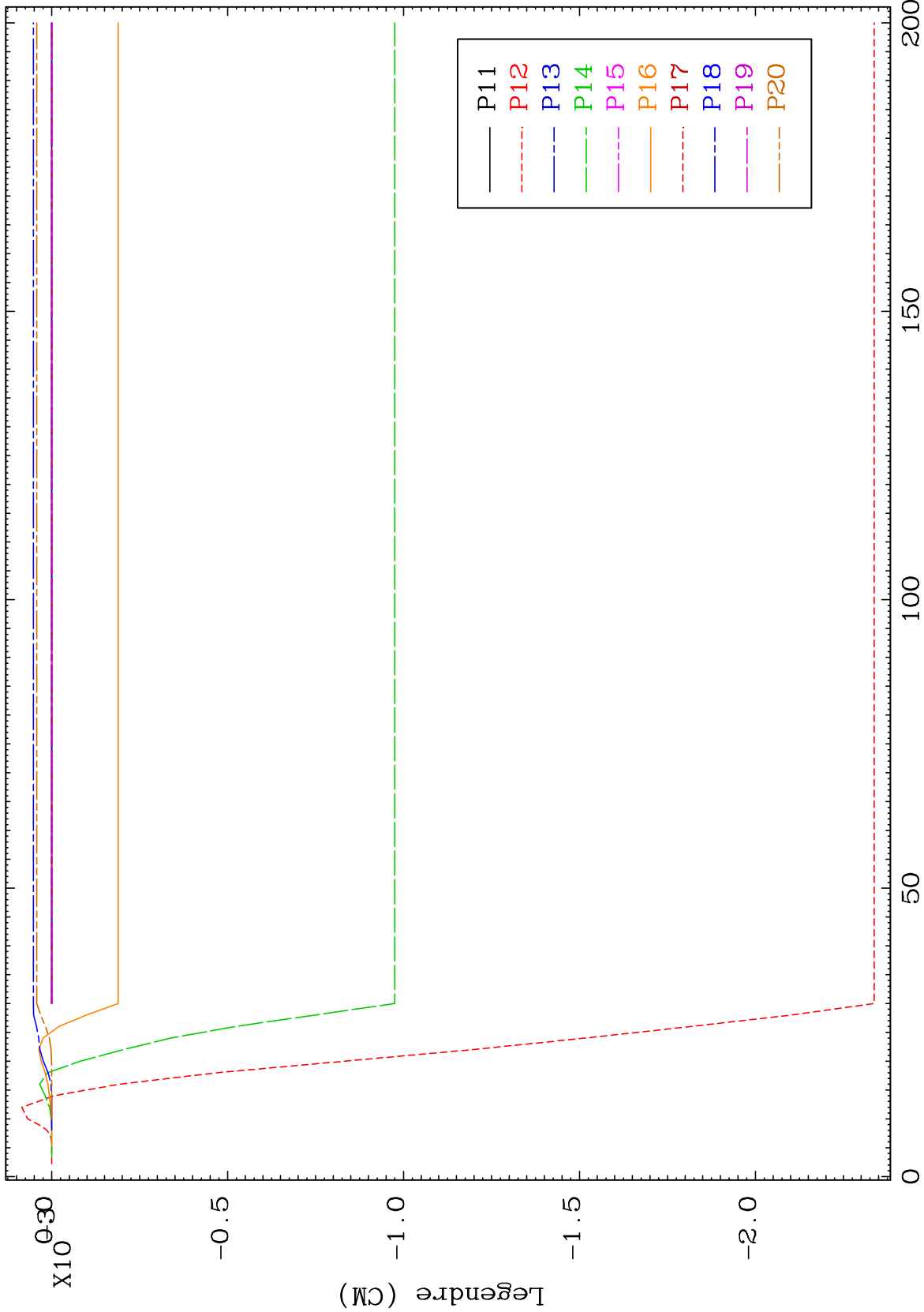
72-Hf-181



MAT 7246

329.3 keV (n,n') Level
Legendre Coefficients

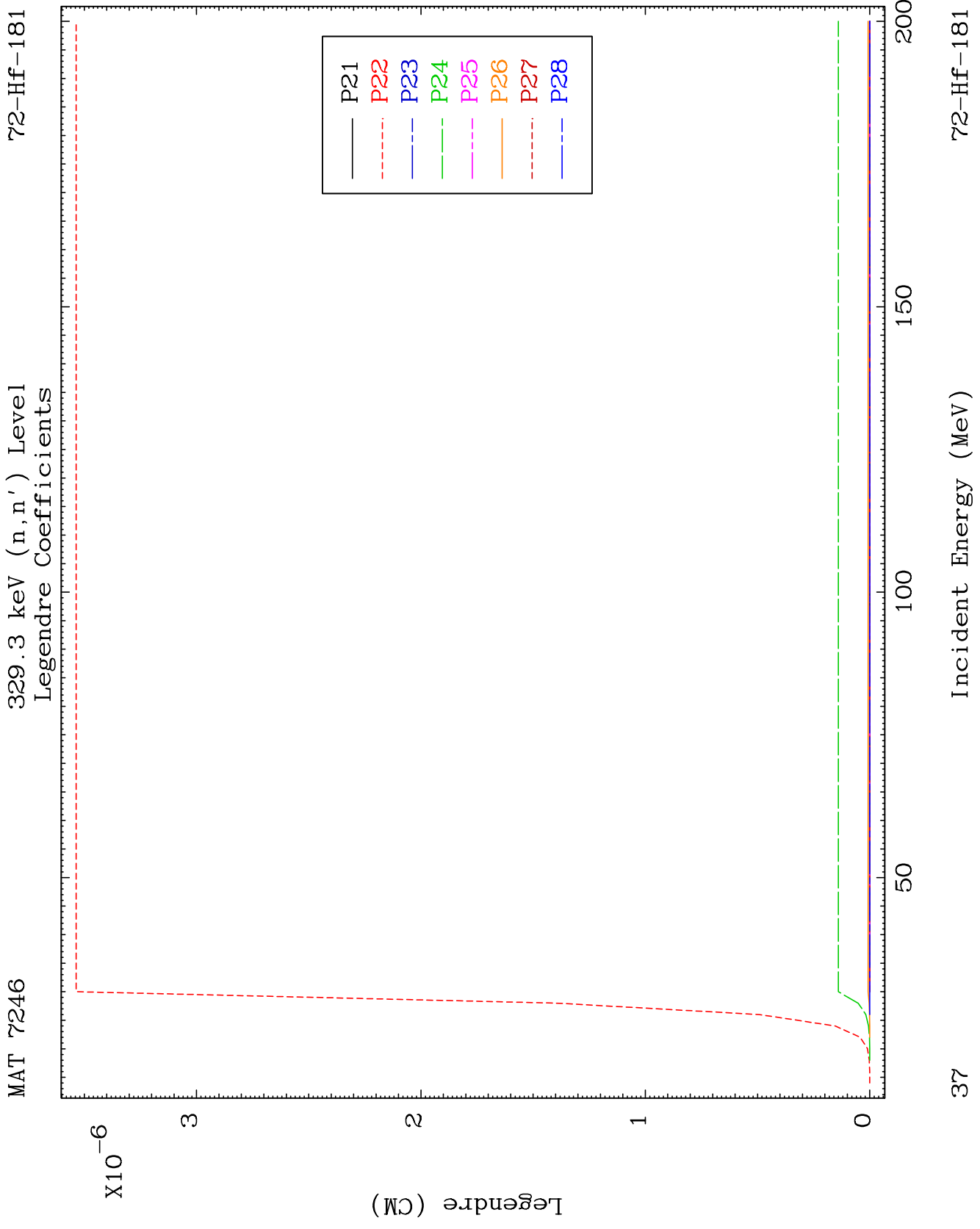
72-Hf-181

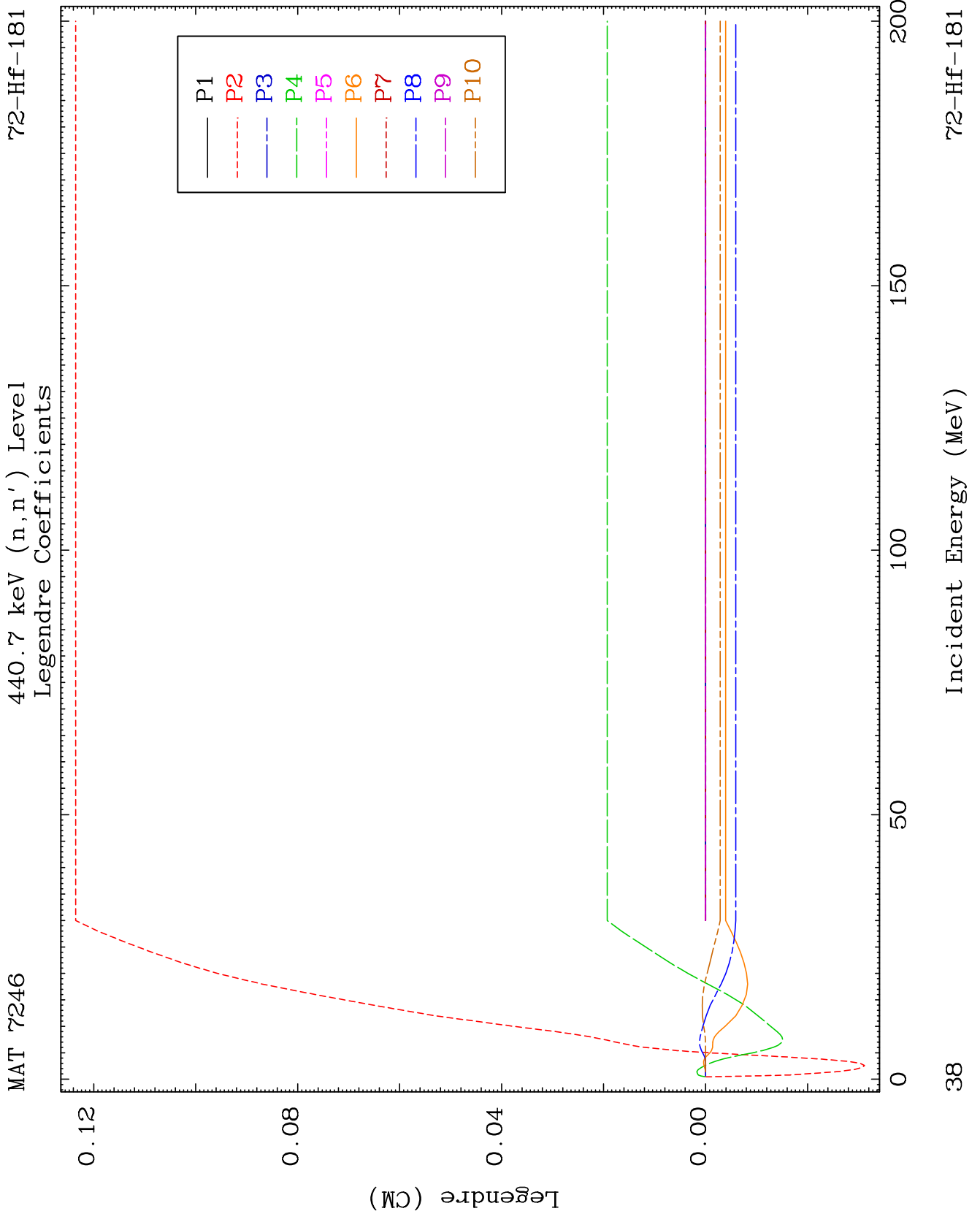


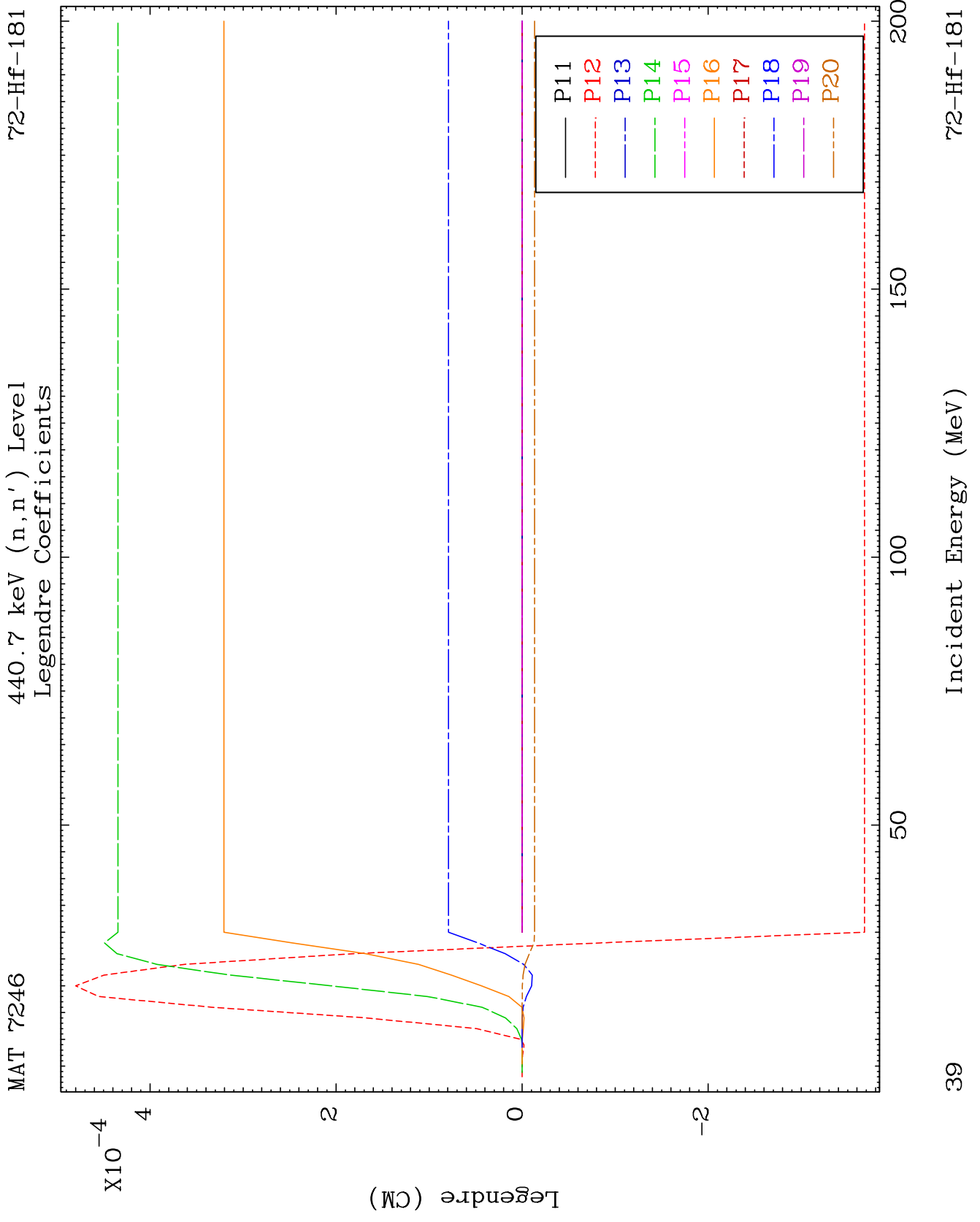
36

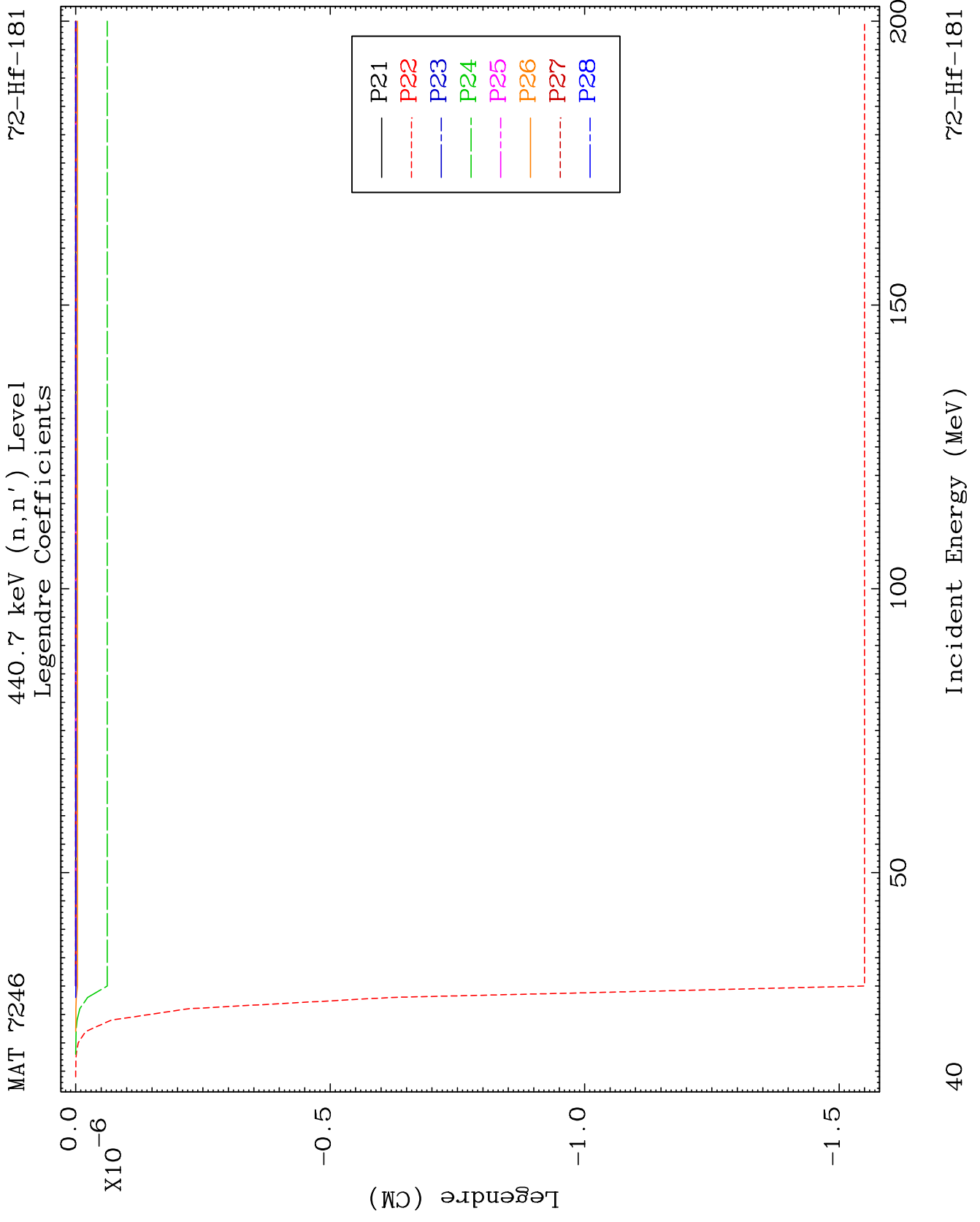
Incident Energy (MeV)

72-Hf-181





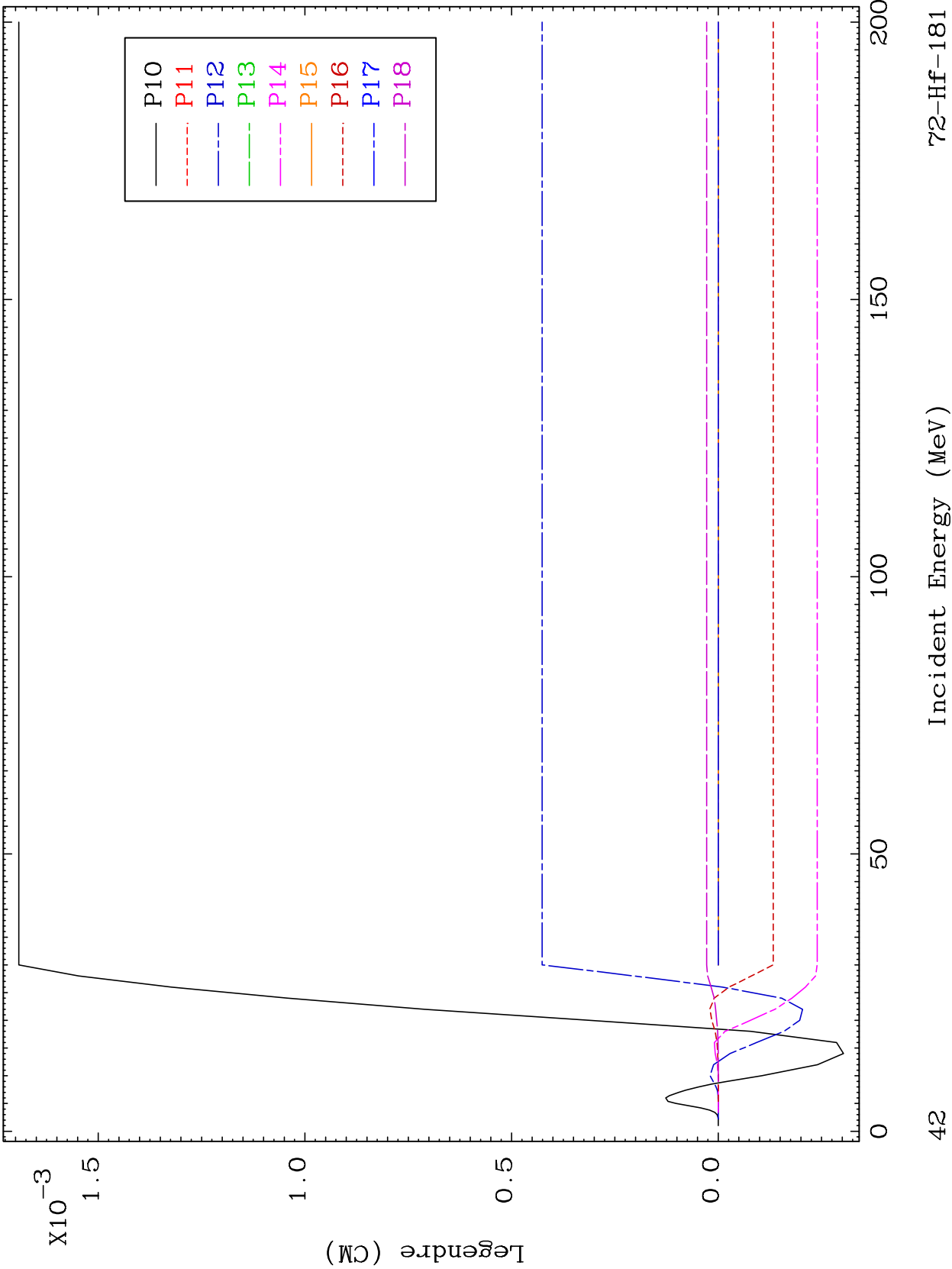




MAT 7246

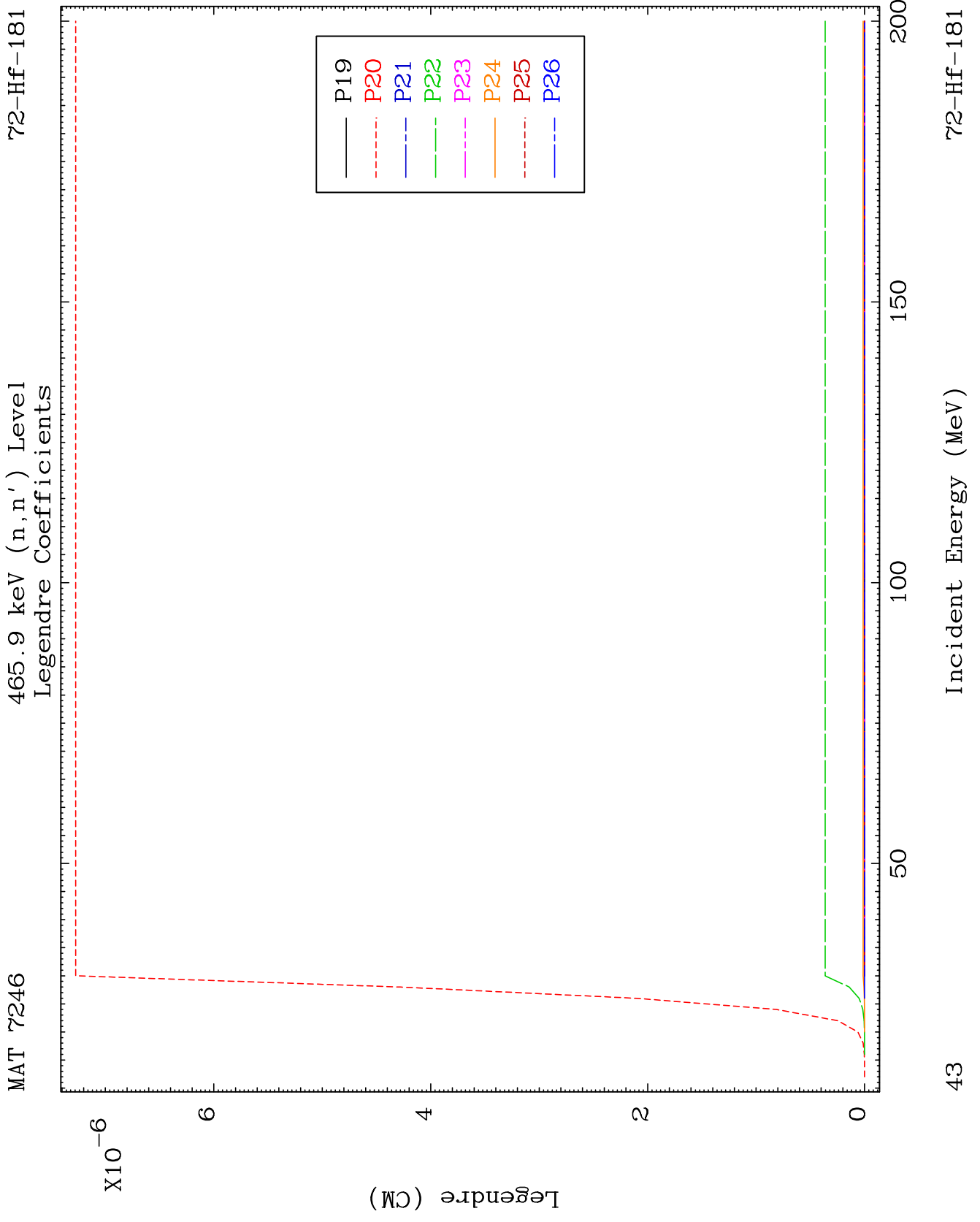
465.9 keV (n,n') Level
Legendre Coefficients

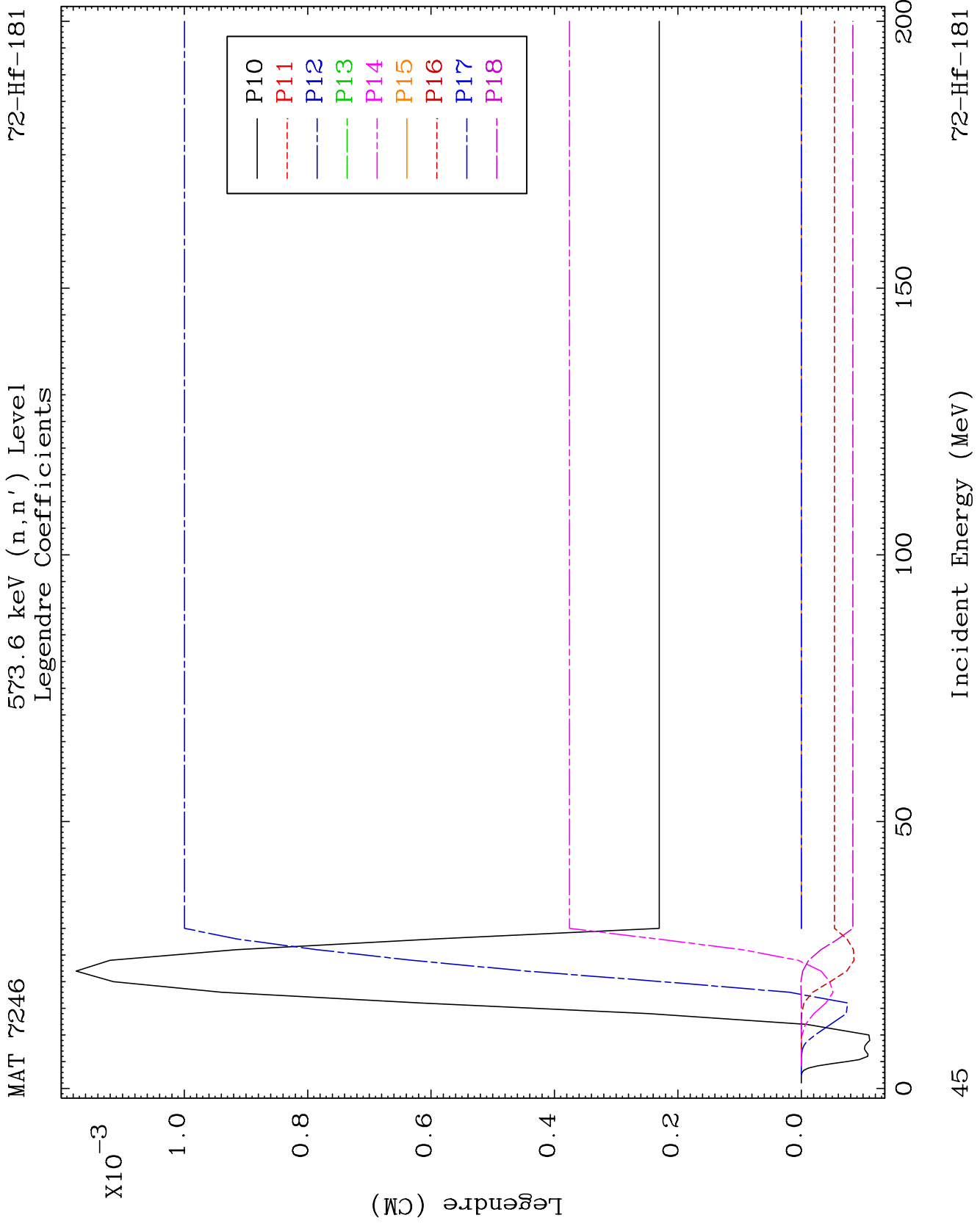
72-Hf-181



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72-Hf-181

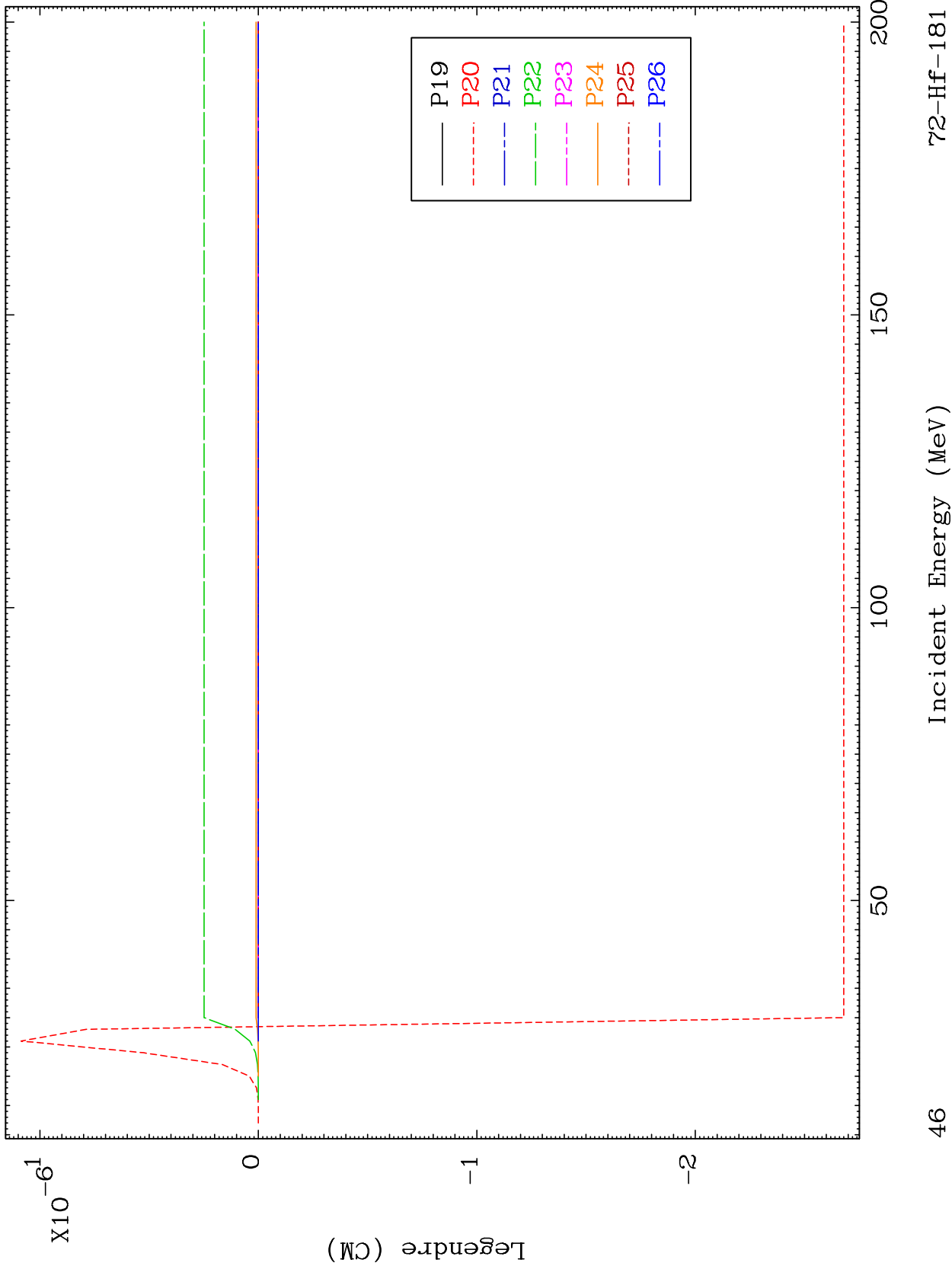




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573.6 keV (n,n') Level
Legendre Coefficients

72-Hf-181



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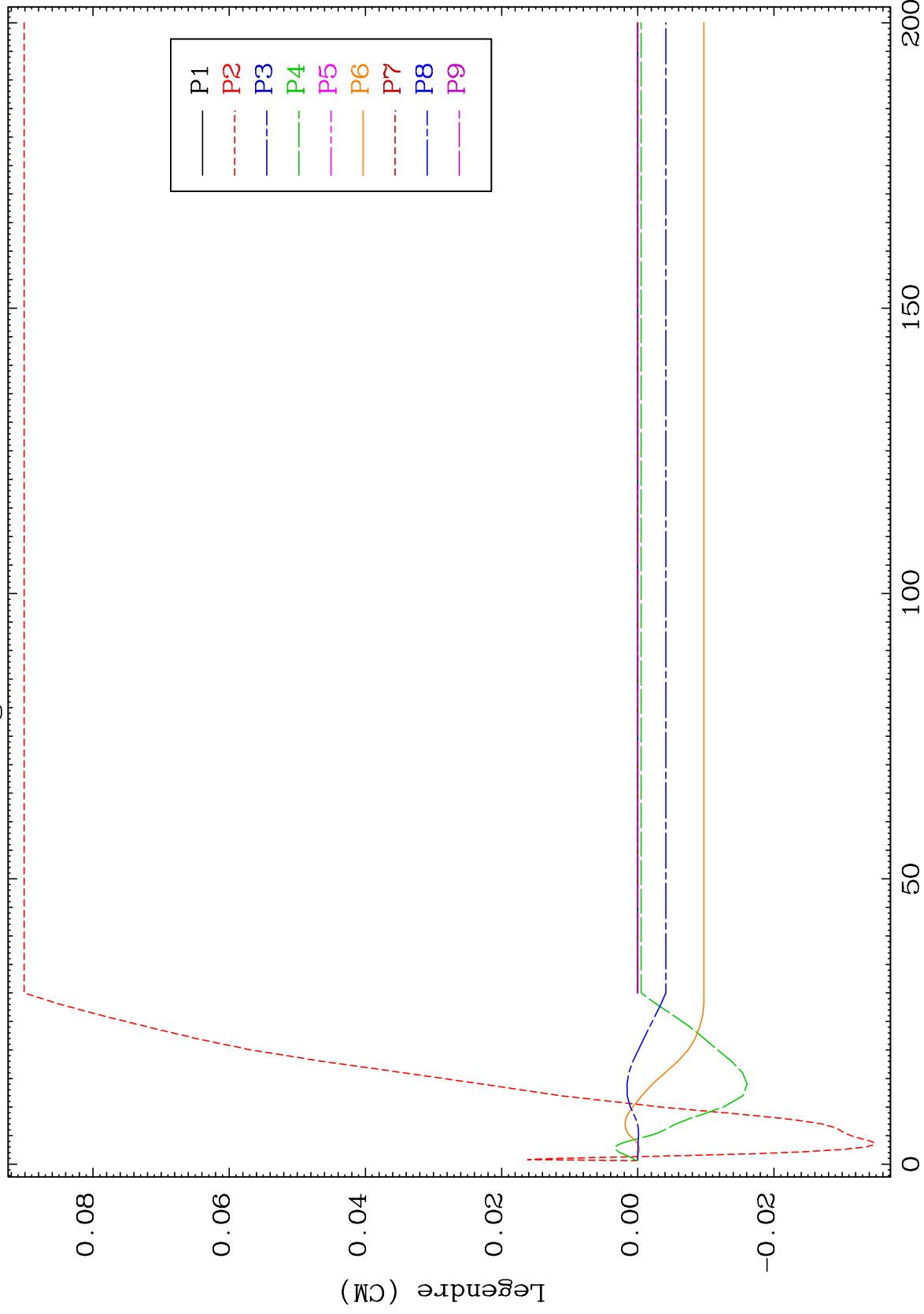
Incident Energy (MeV)

72-Hf-181

MAT 7246

595.3 keV (n,n') Level
Legendre Coefficients

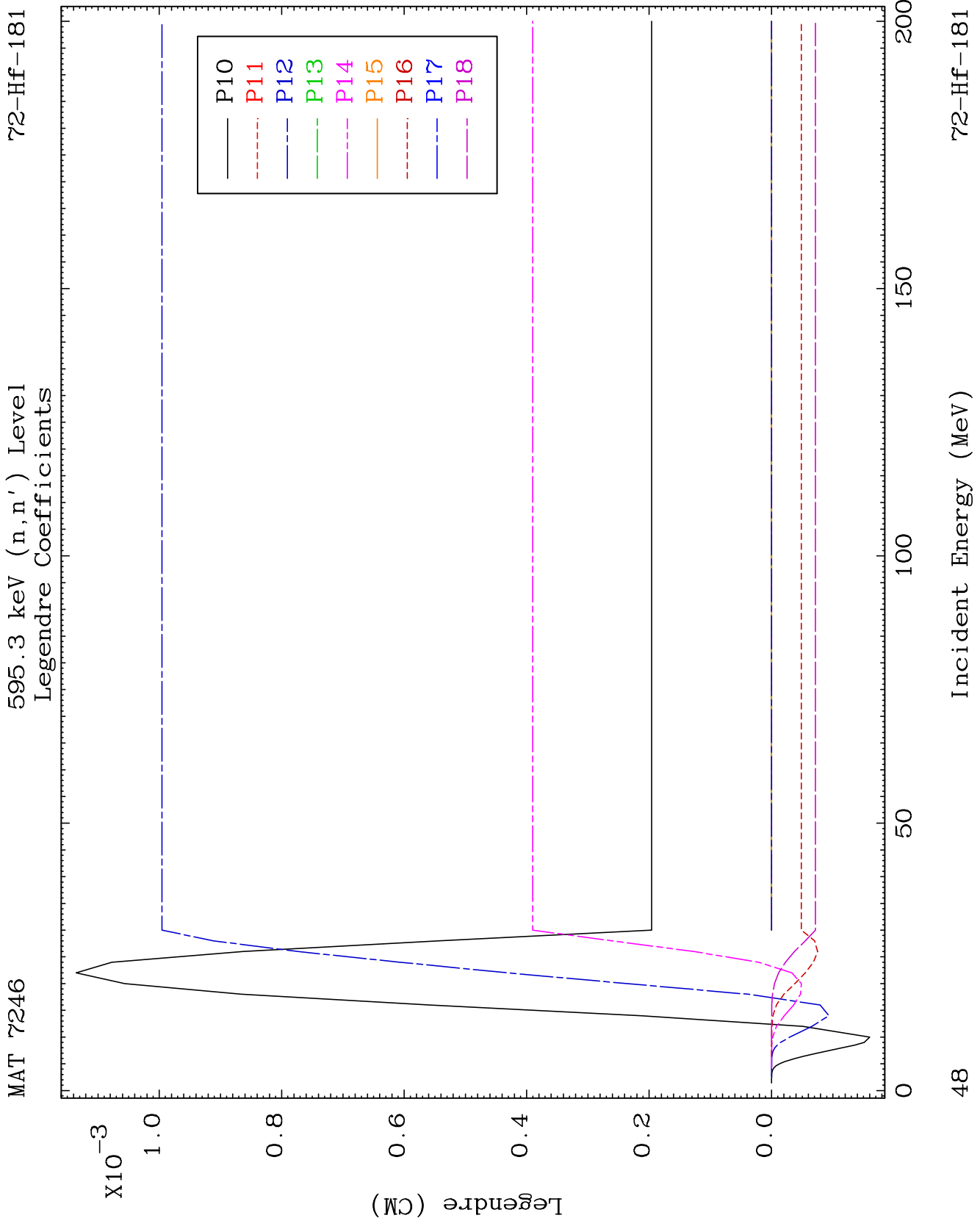
72-Hf-181

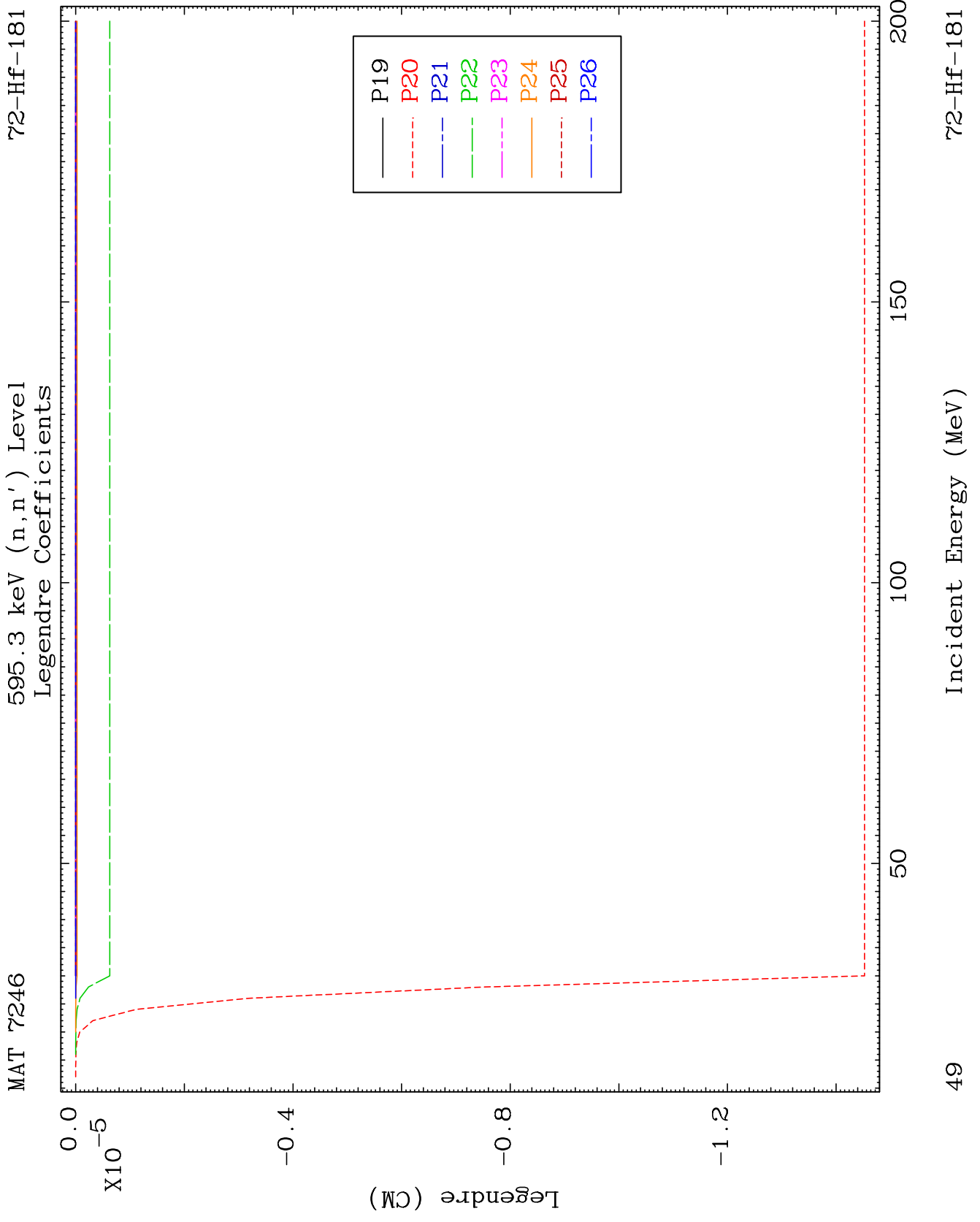


47

Incident Energy (MeV)

72-Hf-181

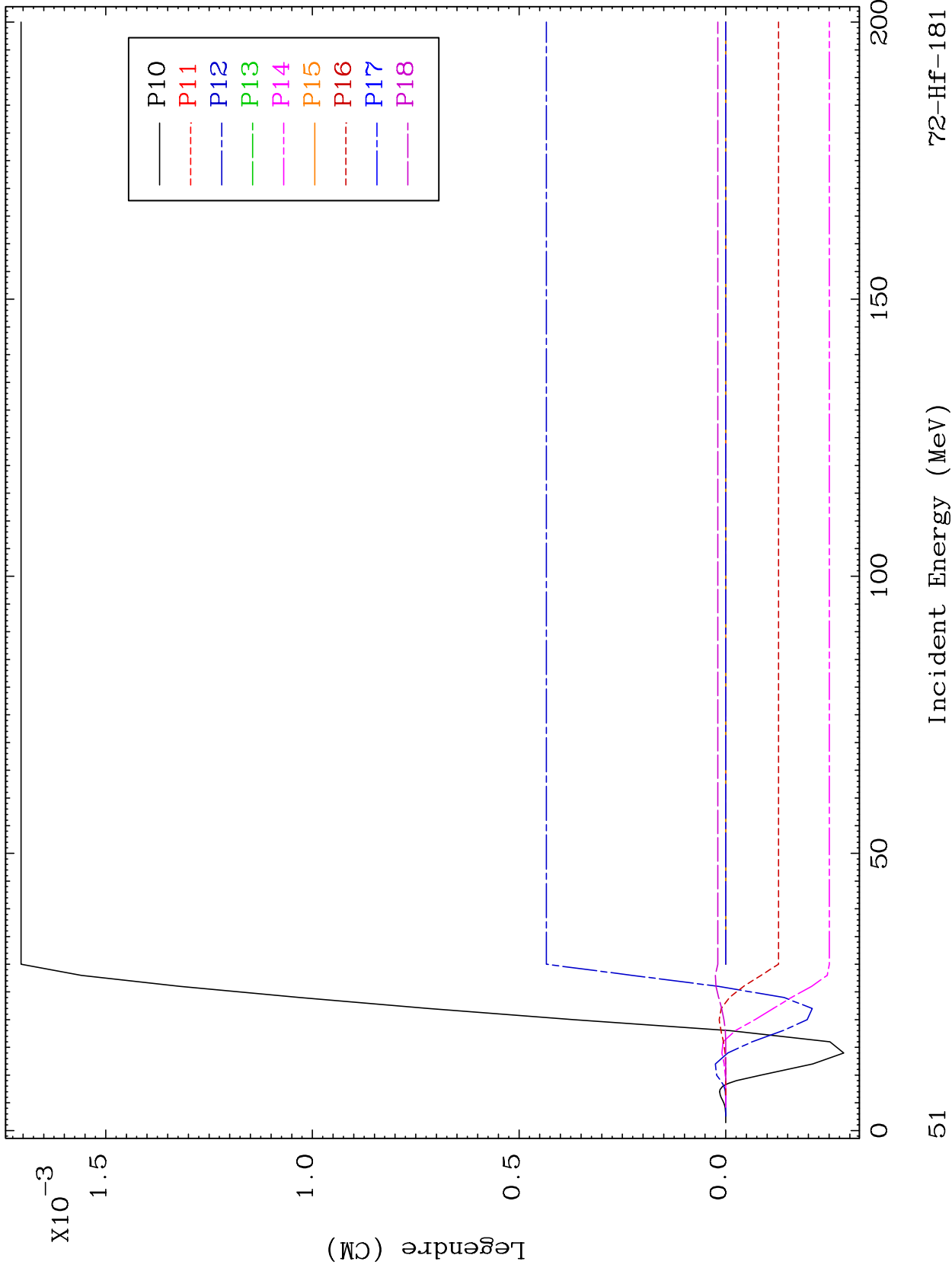


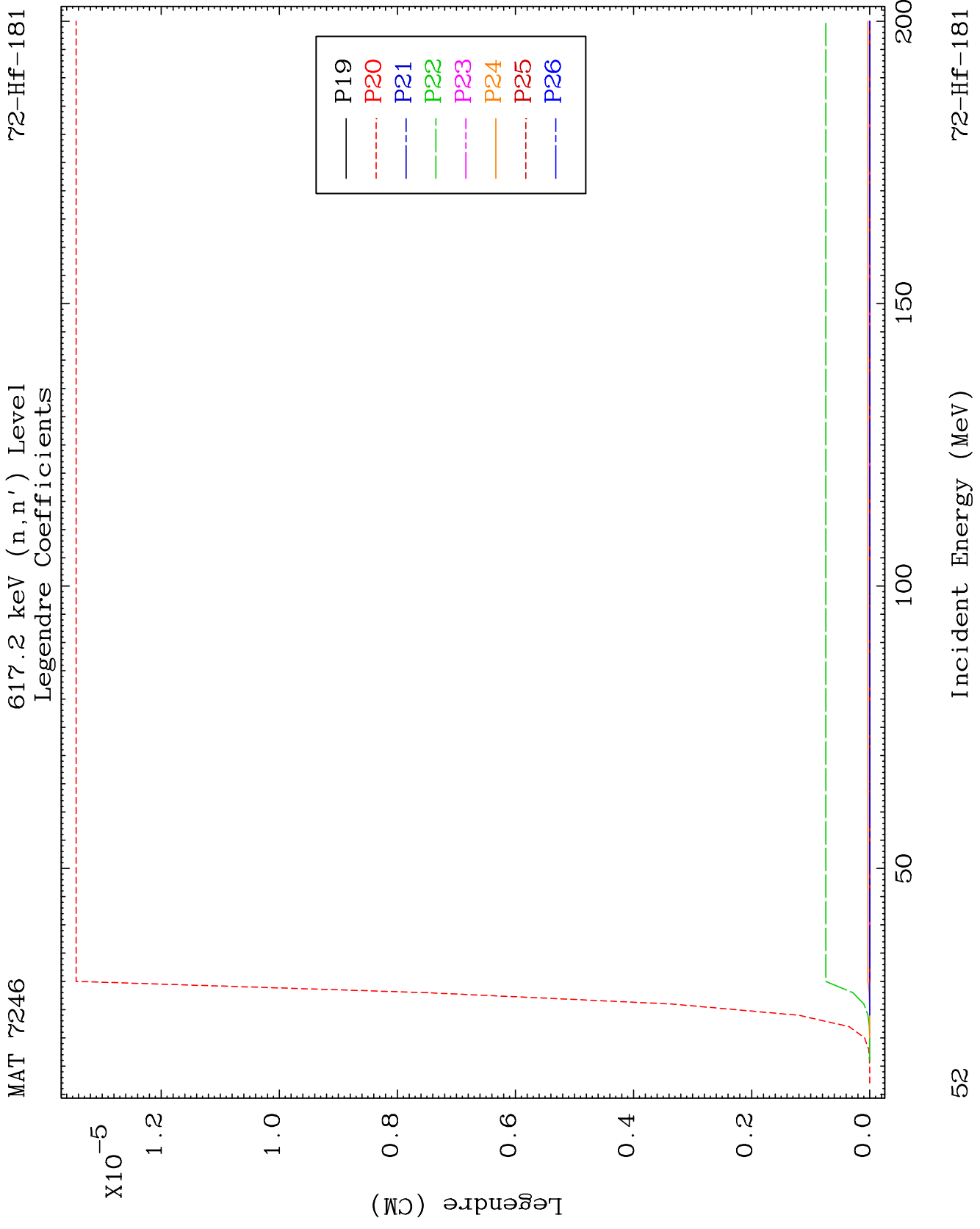


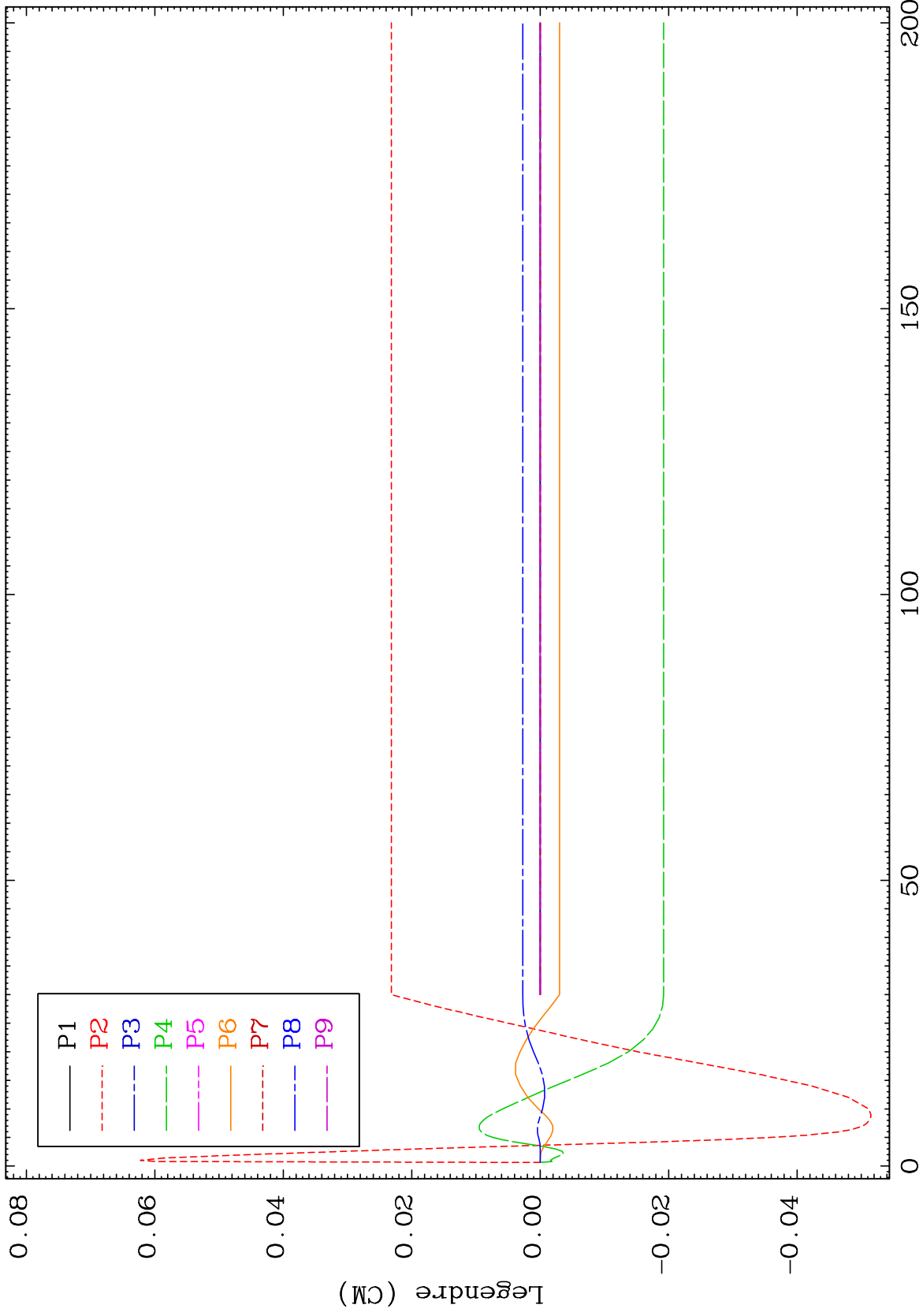
MAT 7246

617.2 keV (n,n') Level
Legendre Coefficients

72-Hf-181



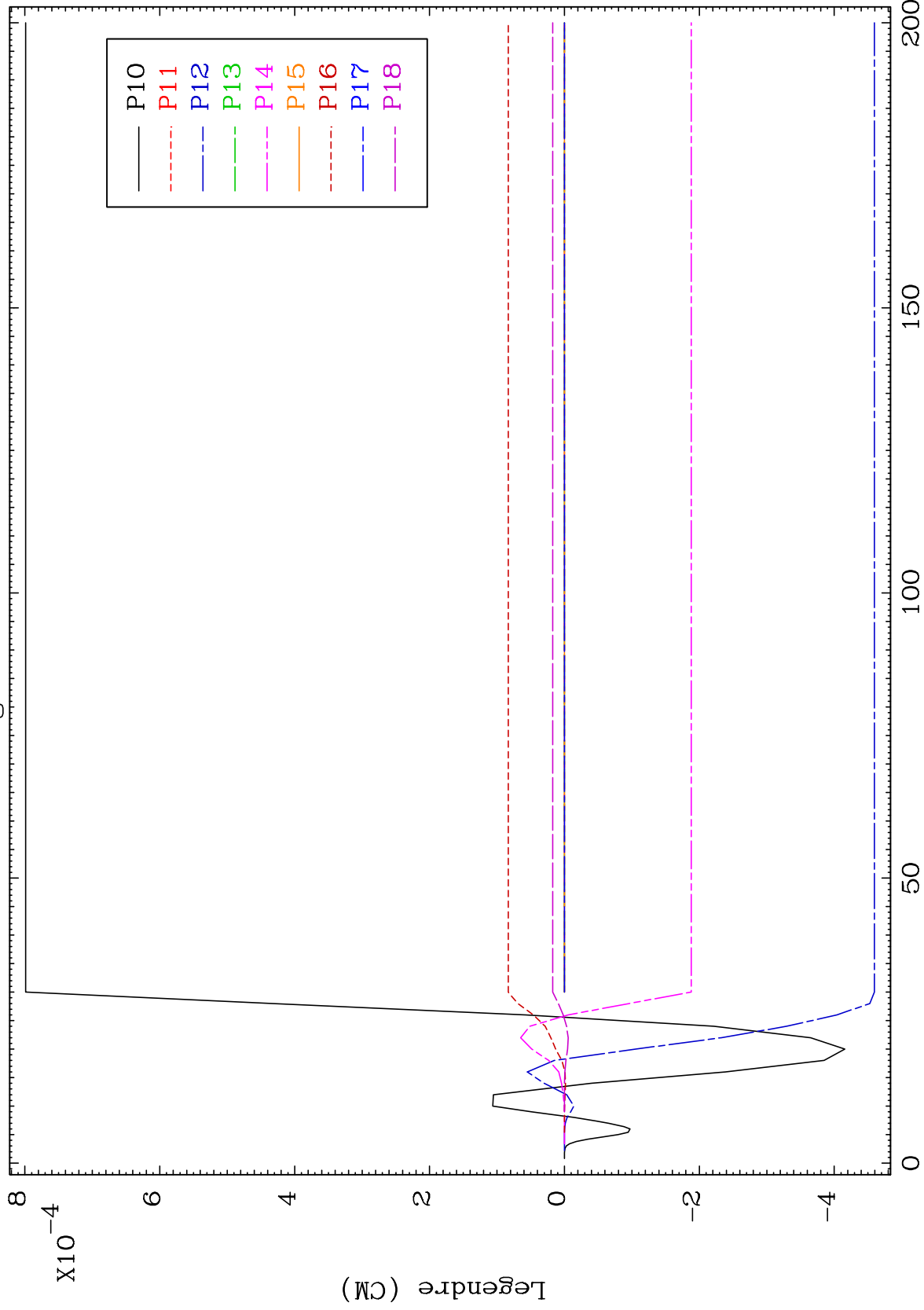




MAT 7246

619.9 keV (n,n') Level
Legendre Coefficients

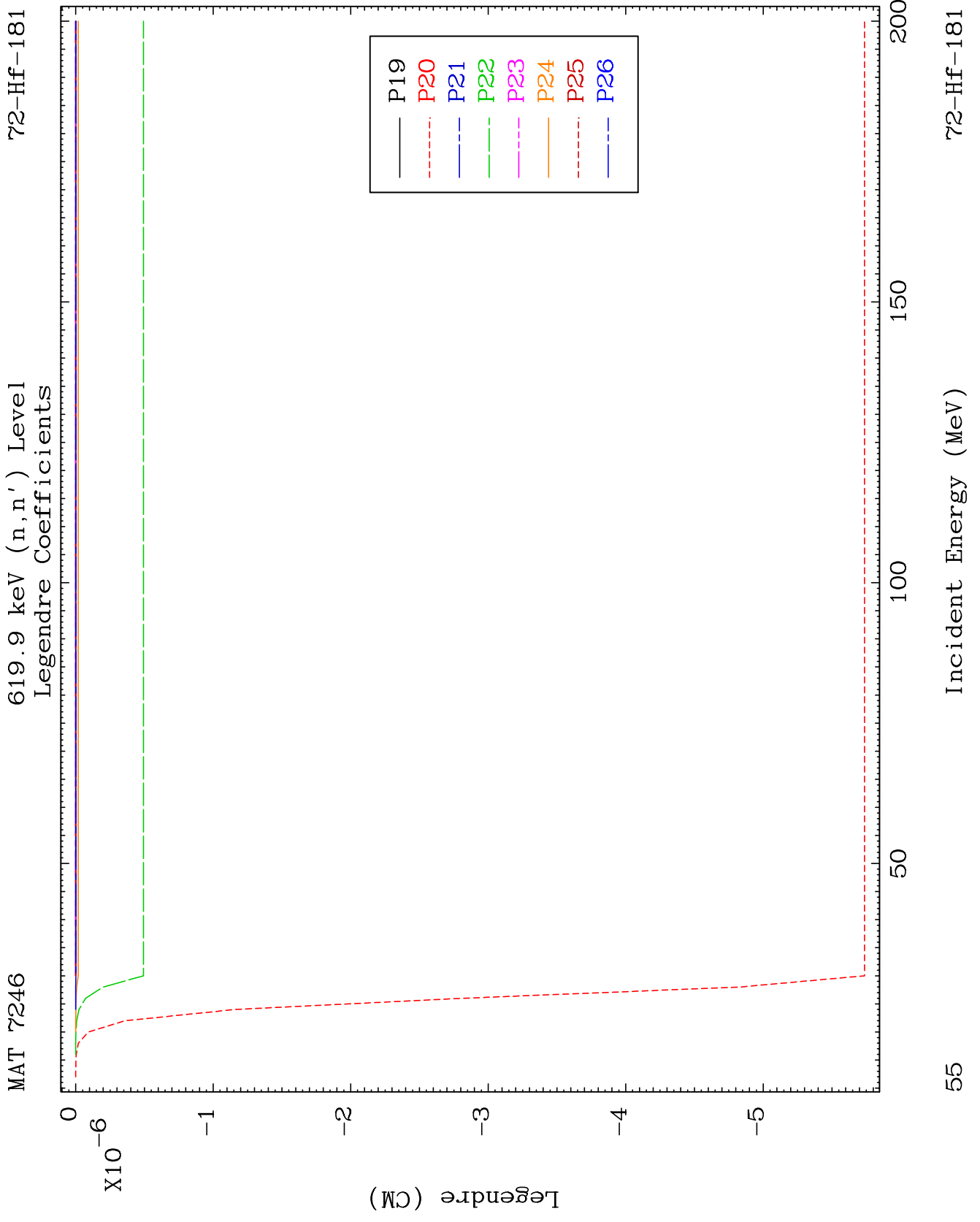
72-Hf-181

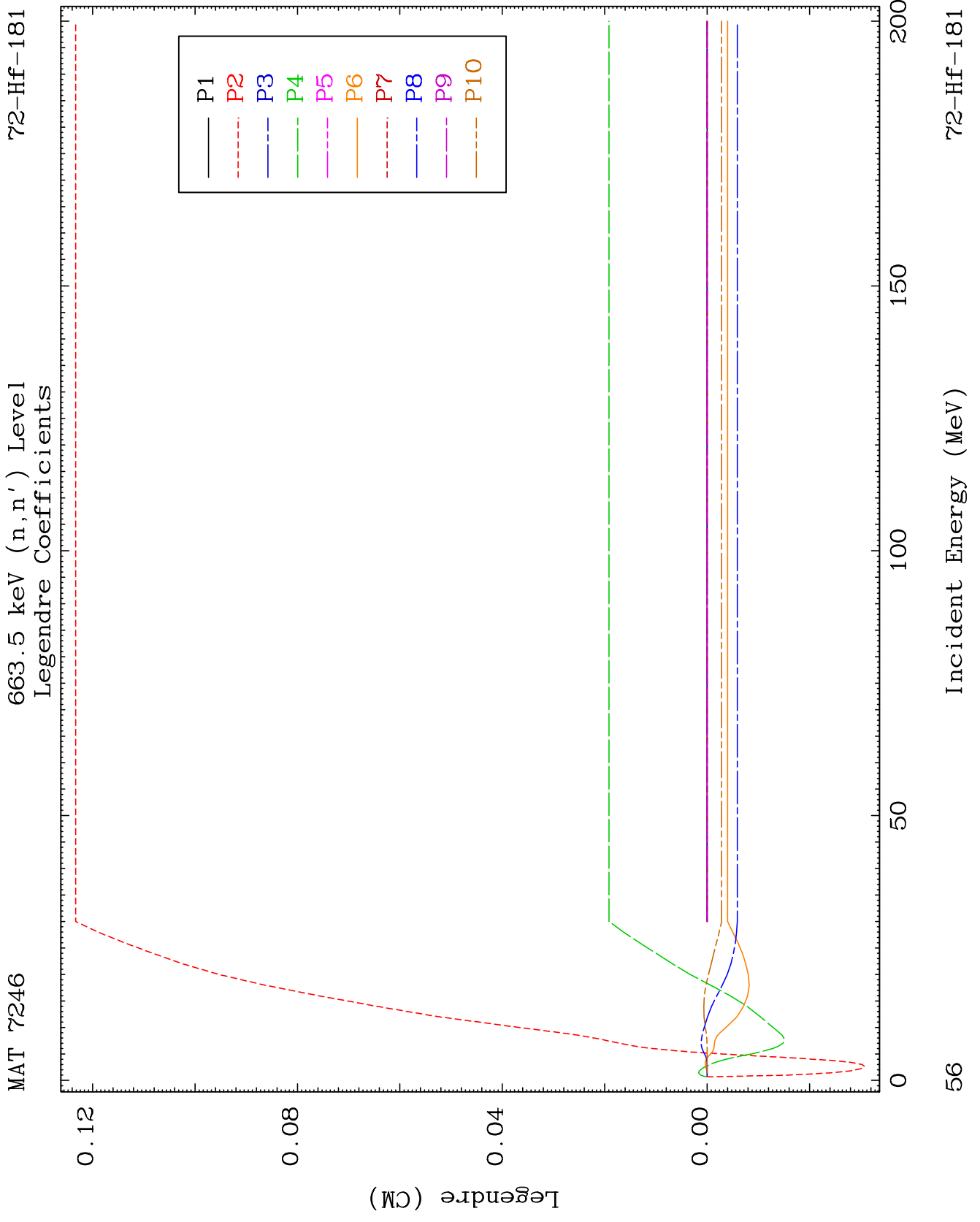


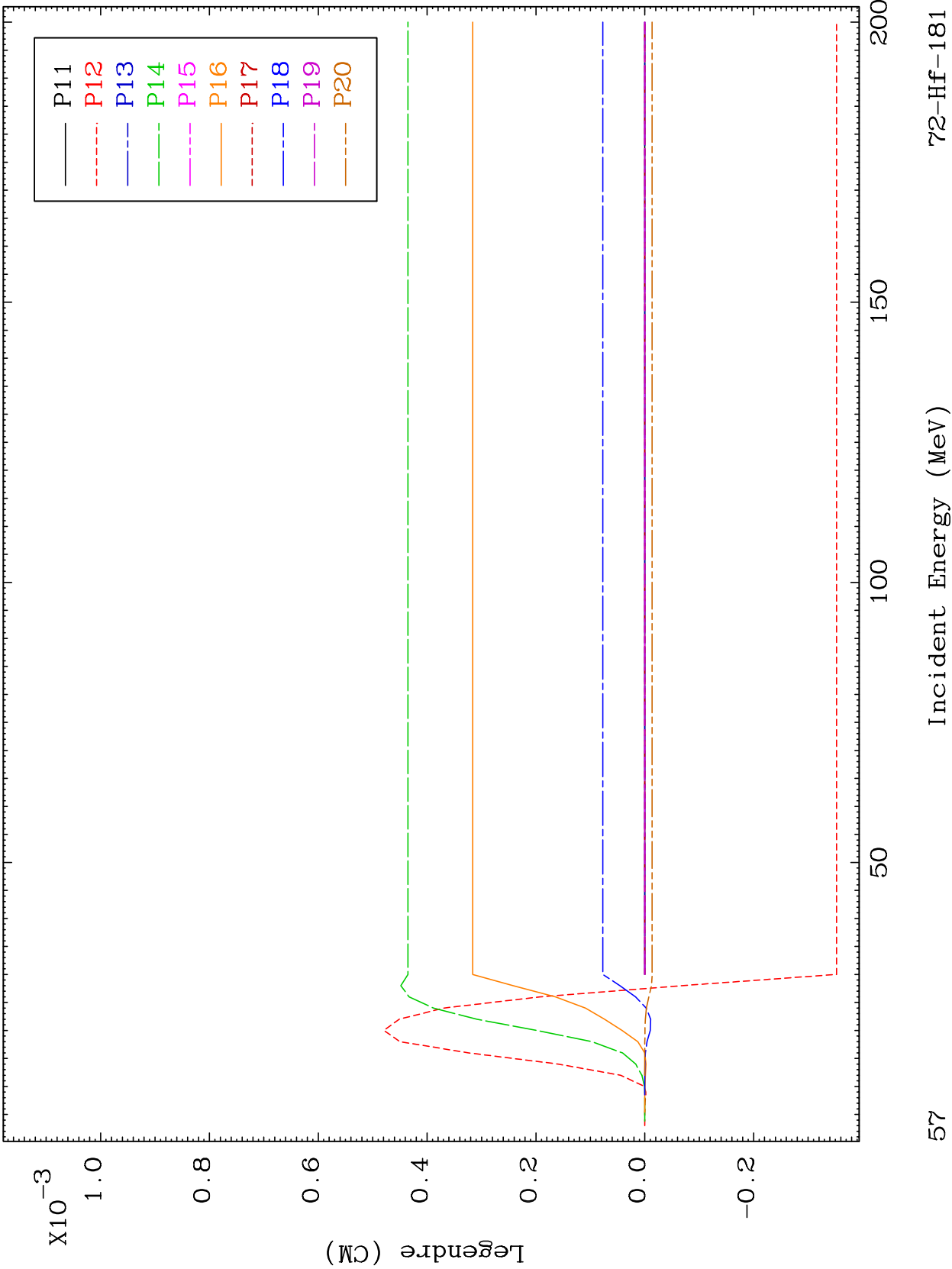
54

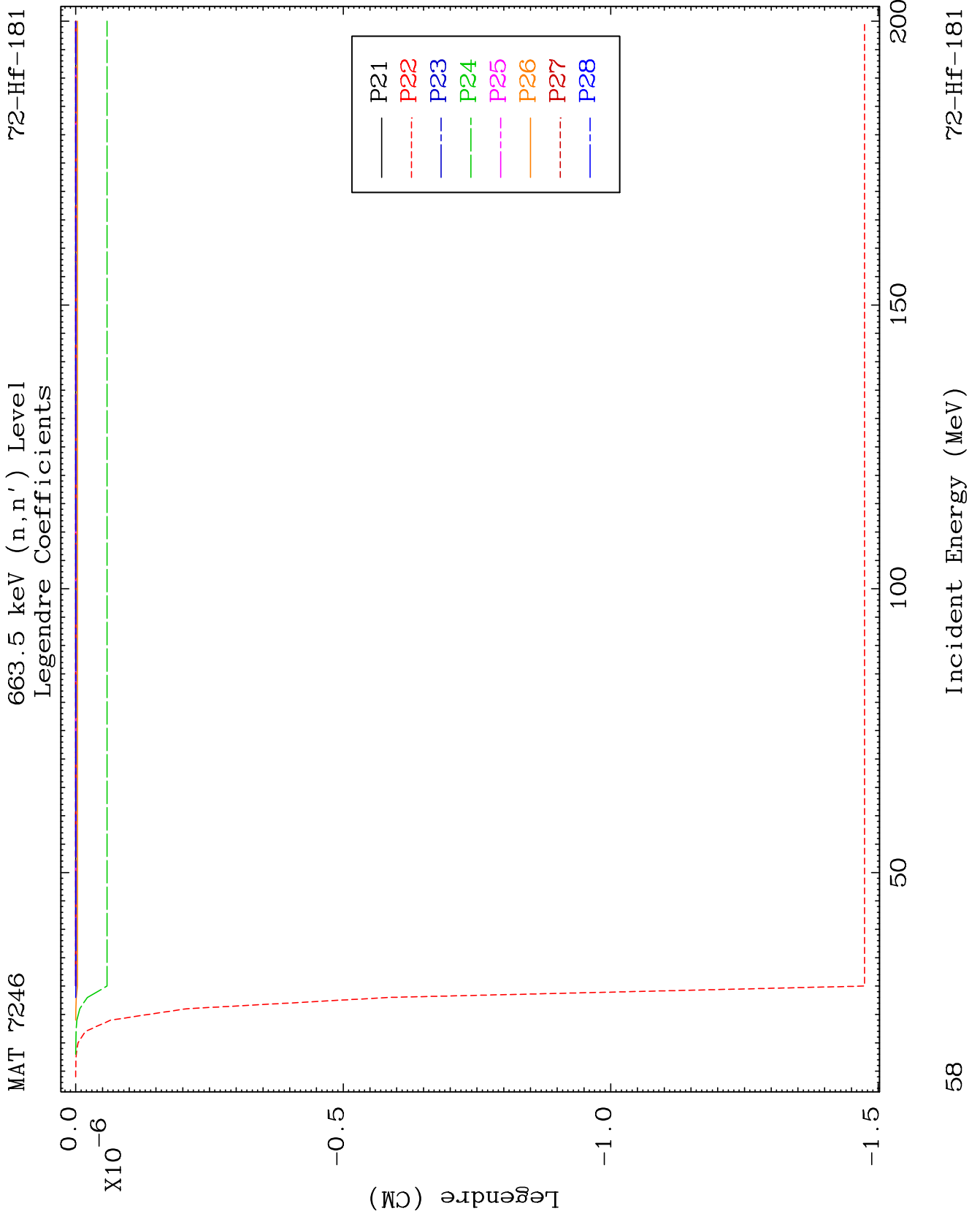
Incident Energy (MeV)

72-Hf-181





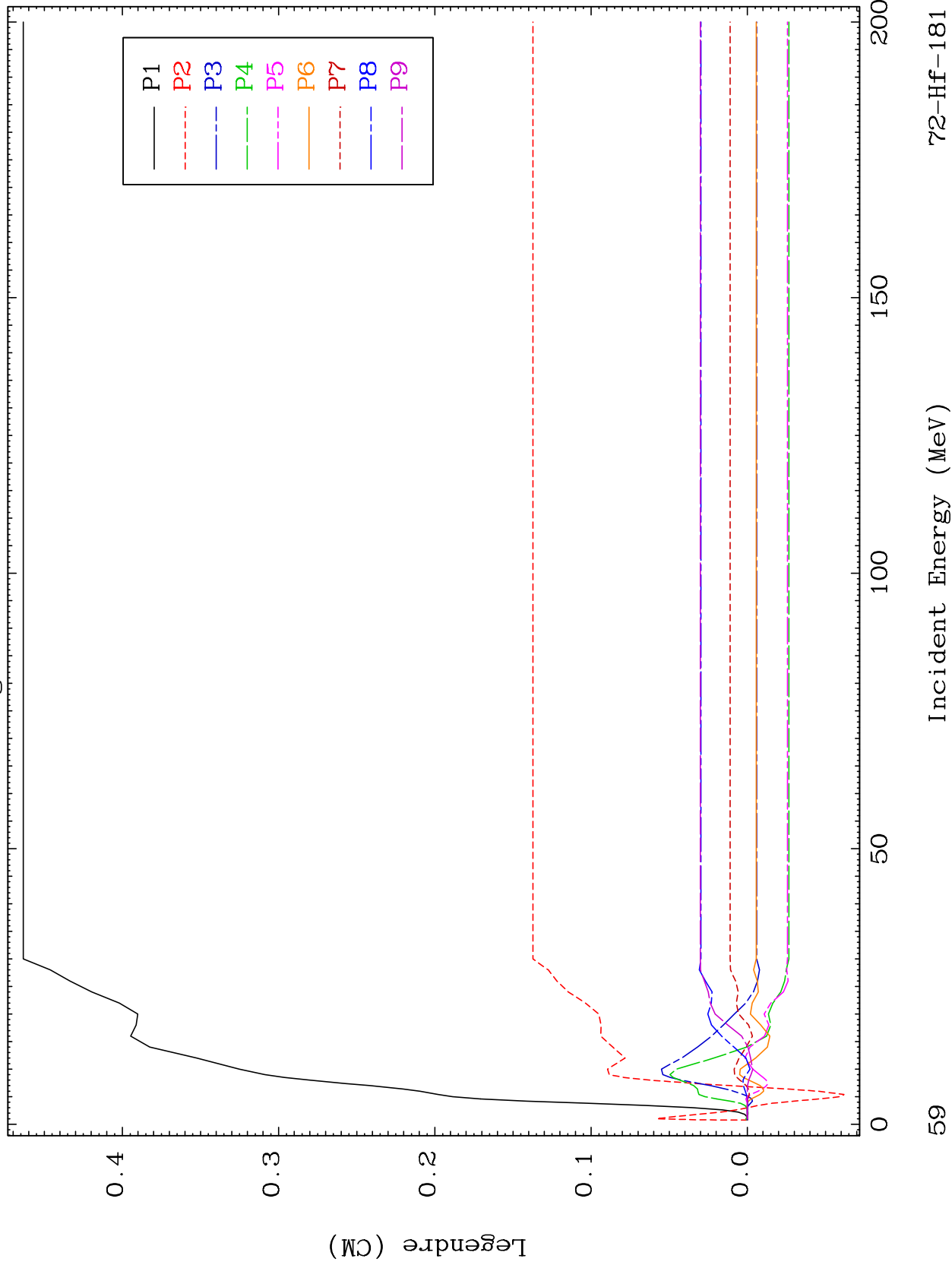




MAT 7246

749.4 keV (n,n') Level
Legendre Coefficients

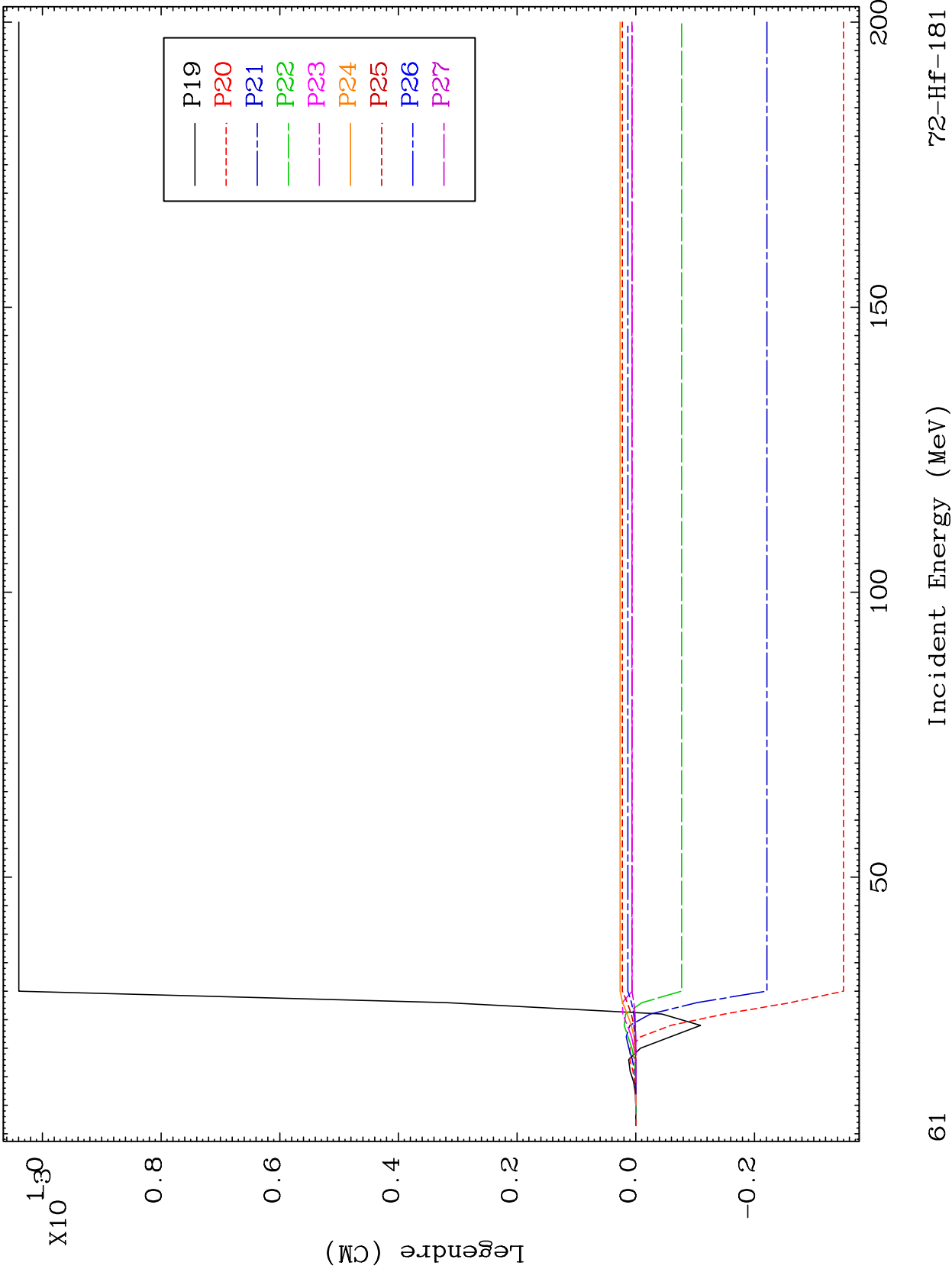
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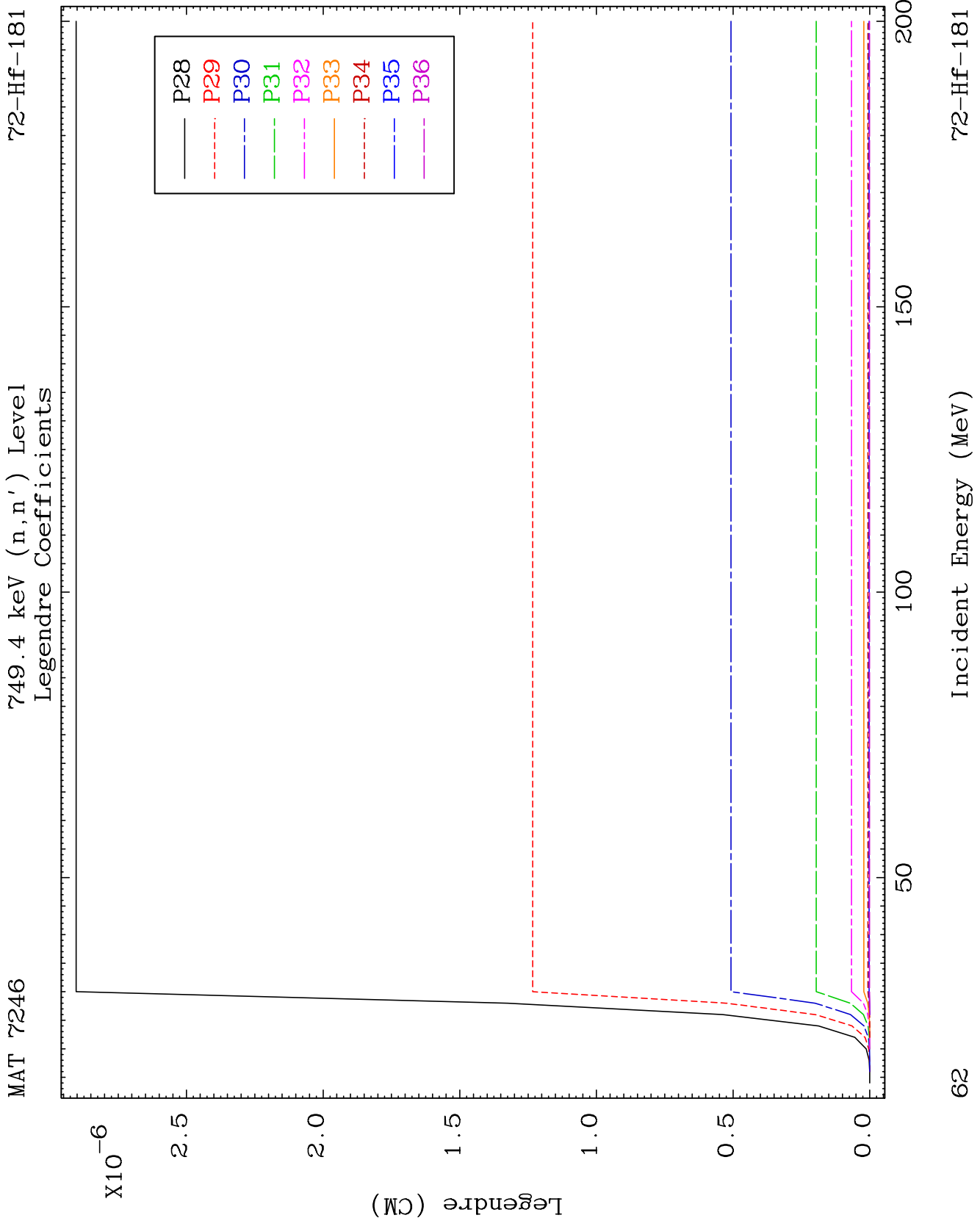


72-Hf-181

Incident Energy (MeV)

59

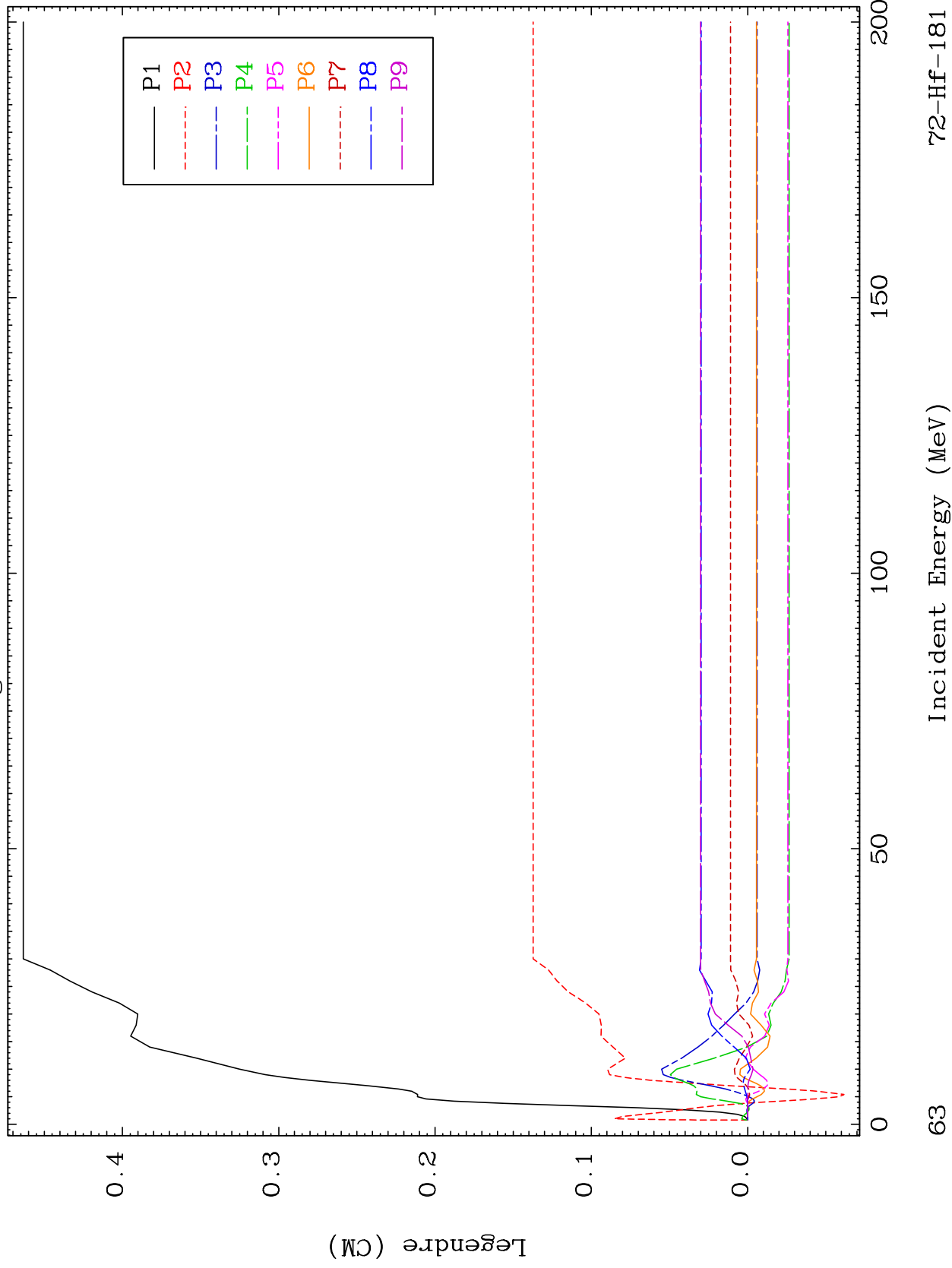




MAT 7246

758.6 keV (n,n') Level
Legendre Coefficients

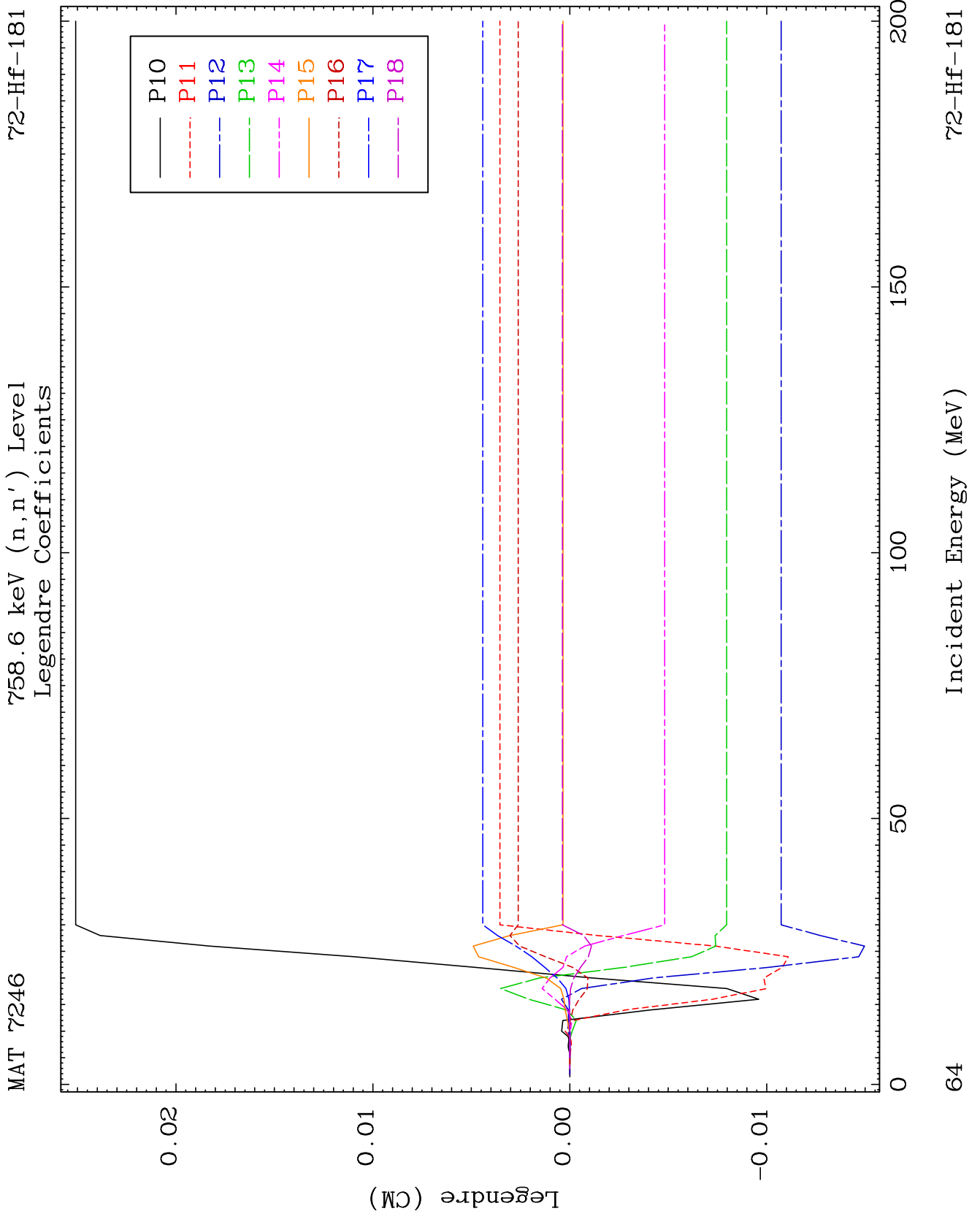
72-Hf-181



72-Hf-181

Incident Energy (MeV)

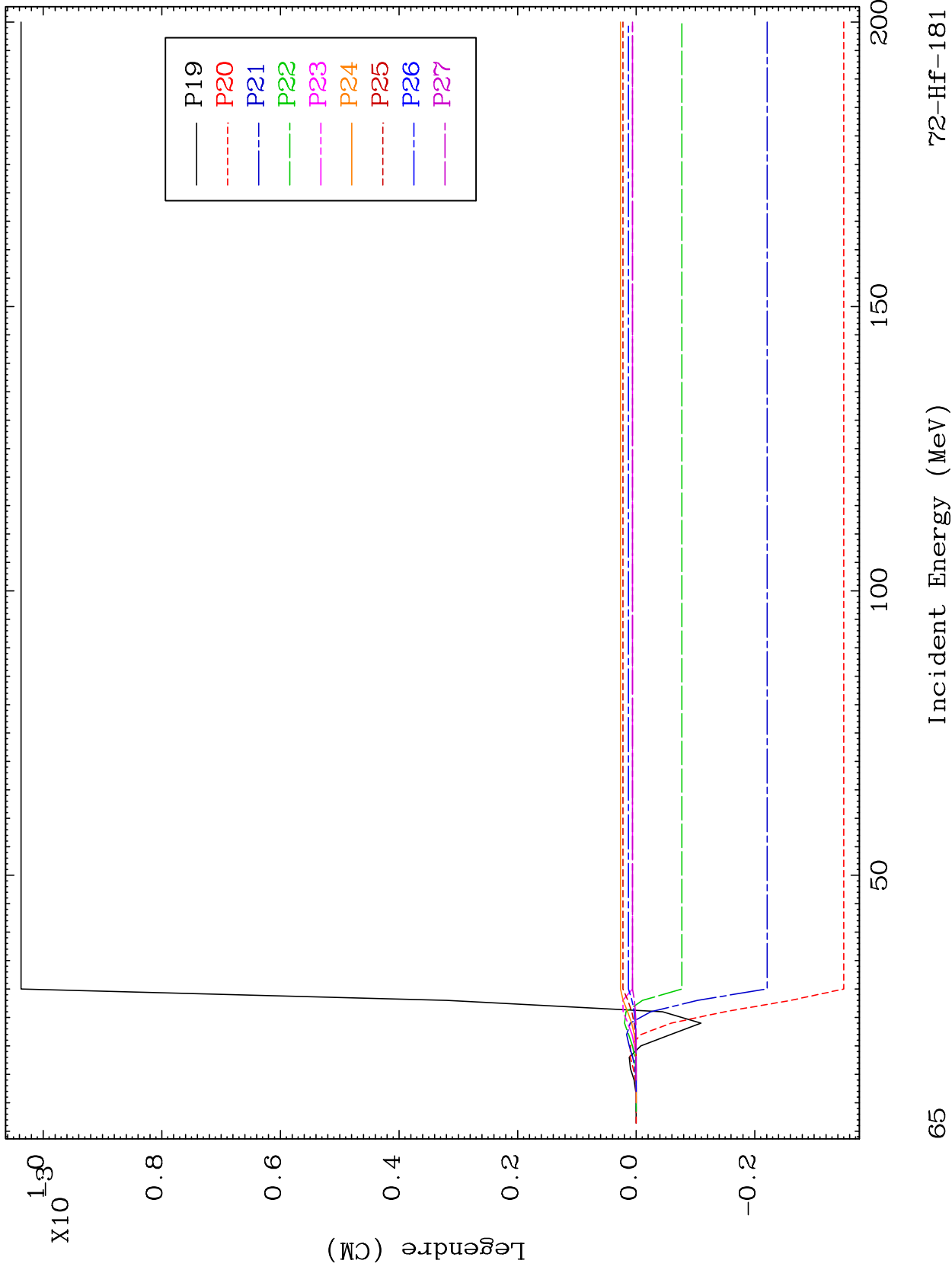
63



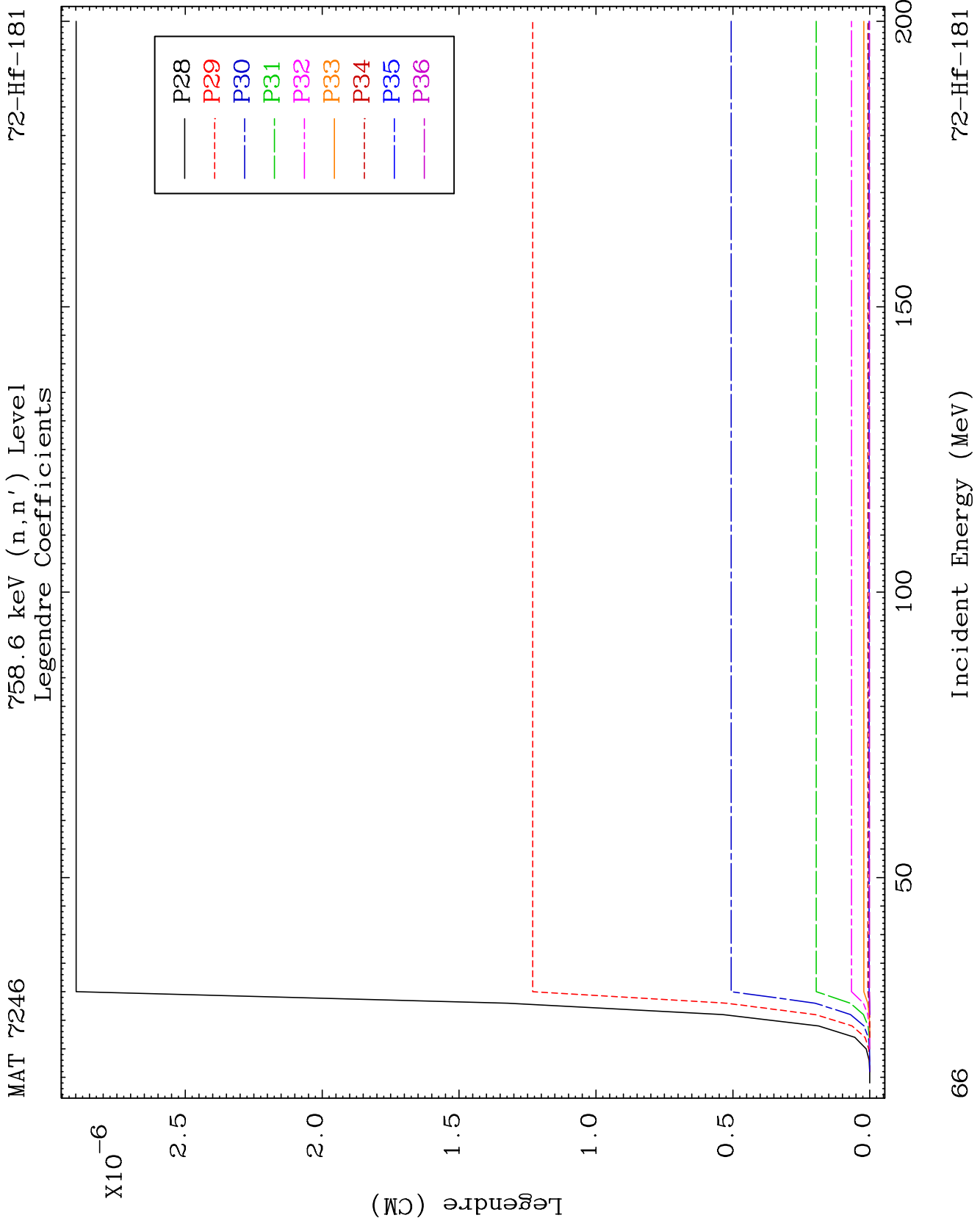
MAT 7246

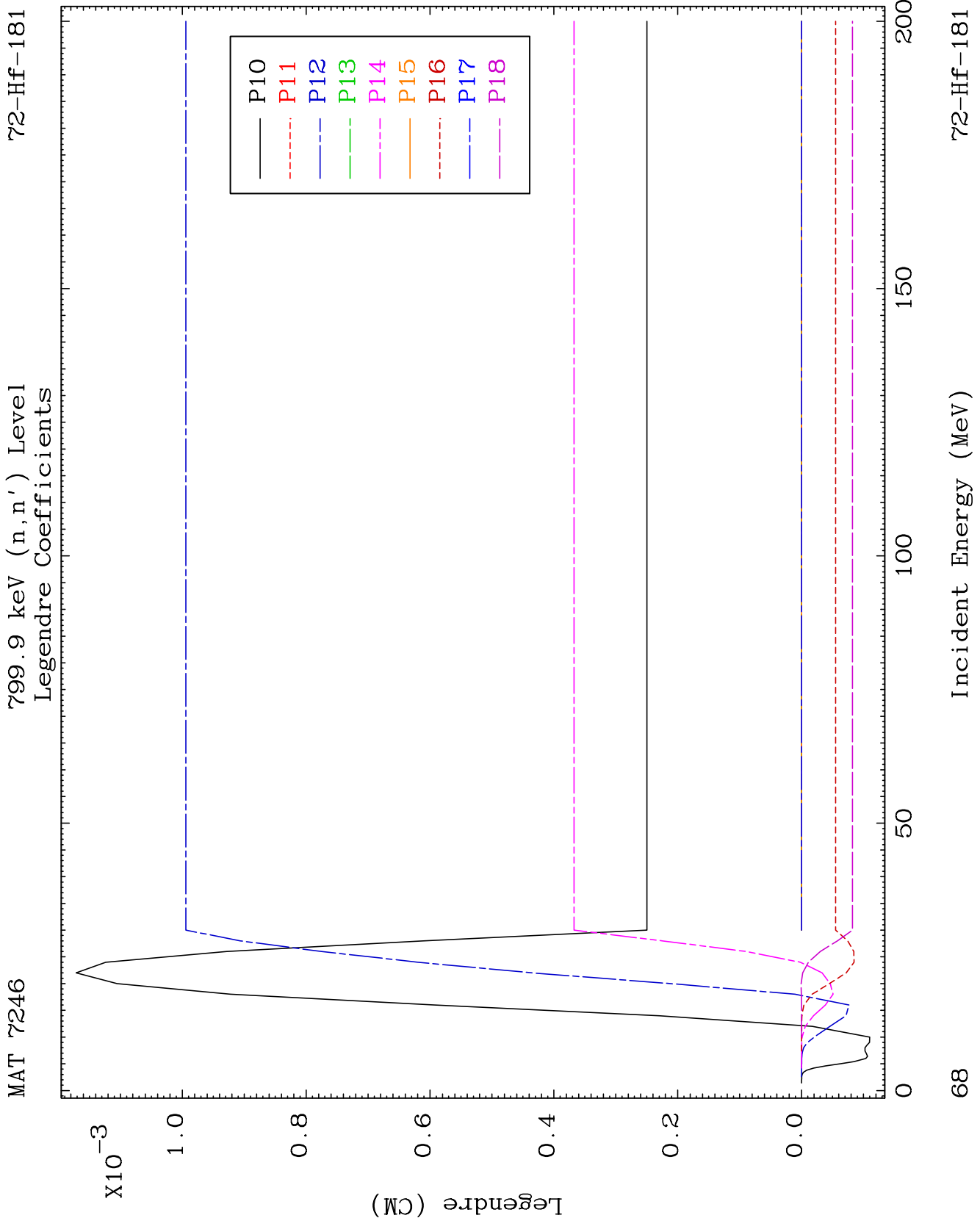
758.6 keV (n, n') Level
Legendre Coefficients

72-Hf-181



65

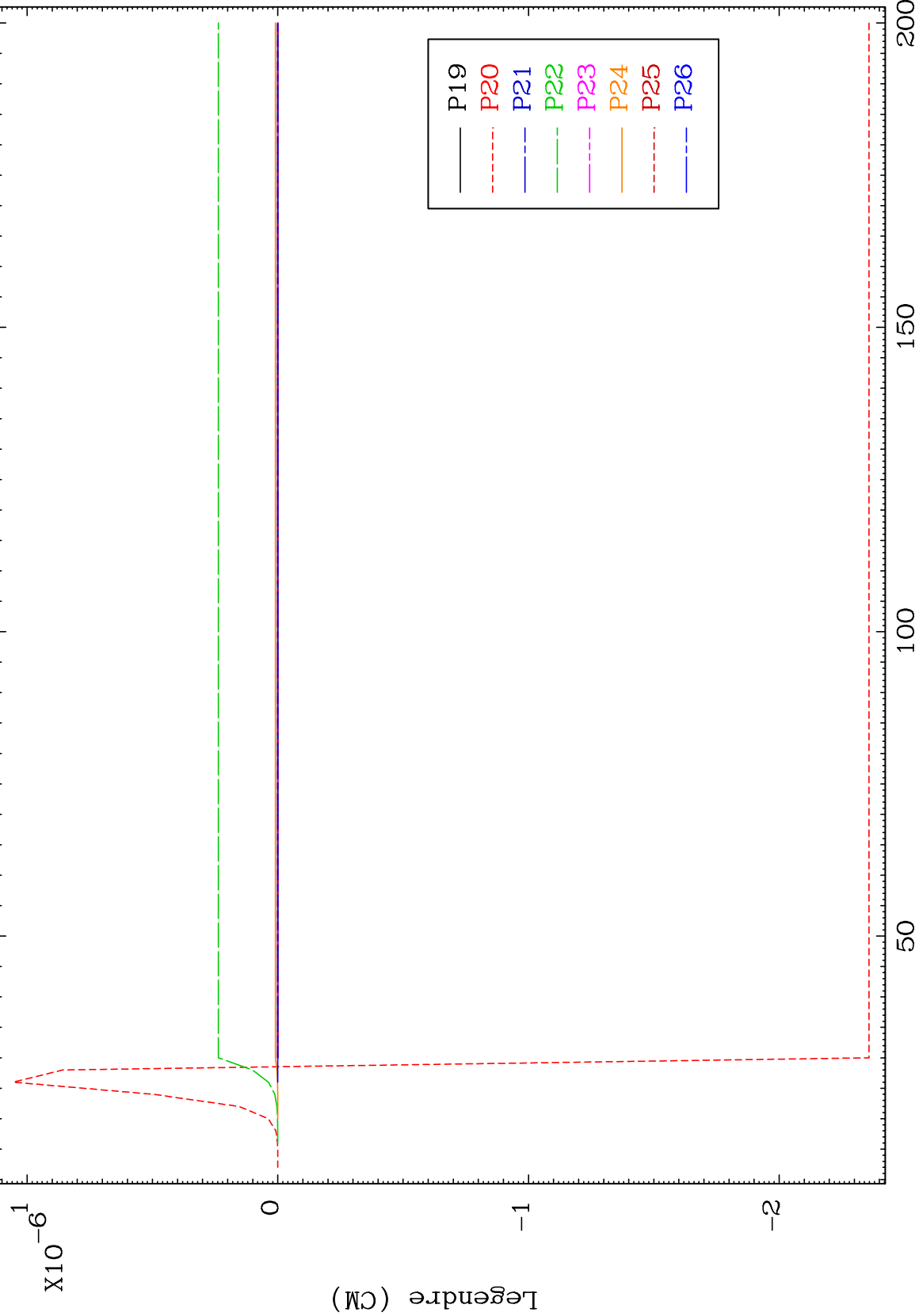




MAT 7246

799.9 keV (n,n') Level
Legendre Coefficients

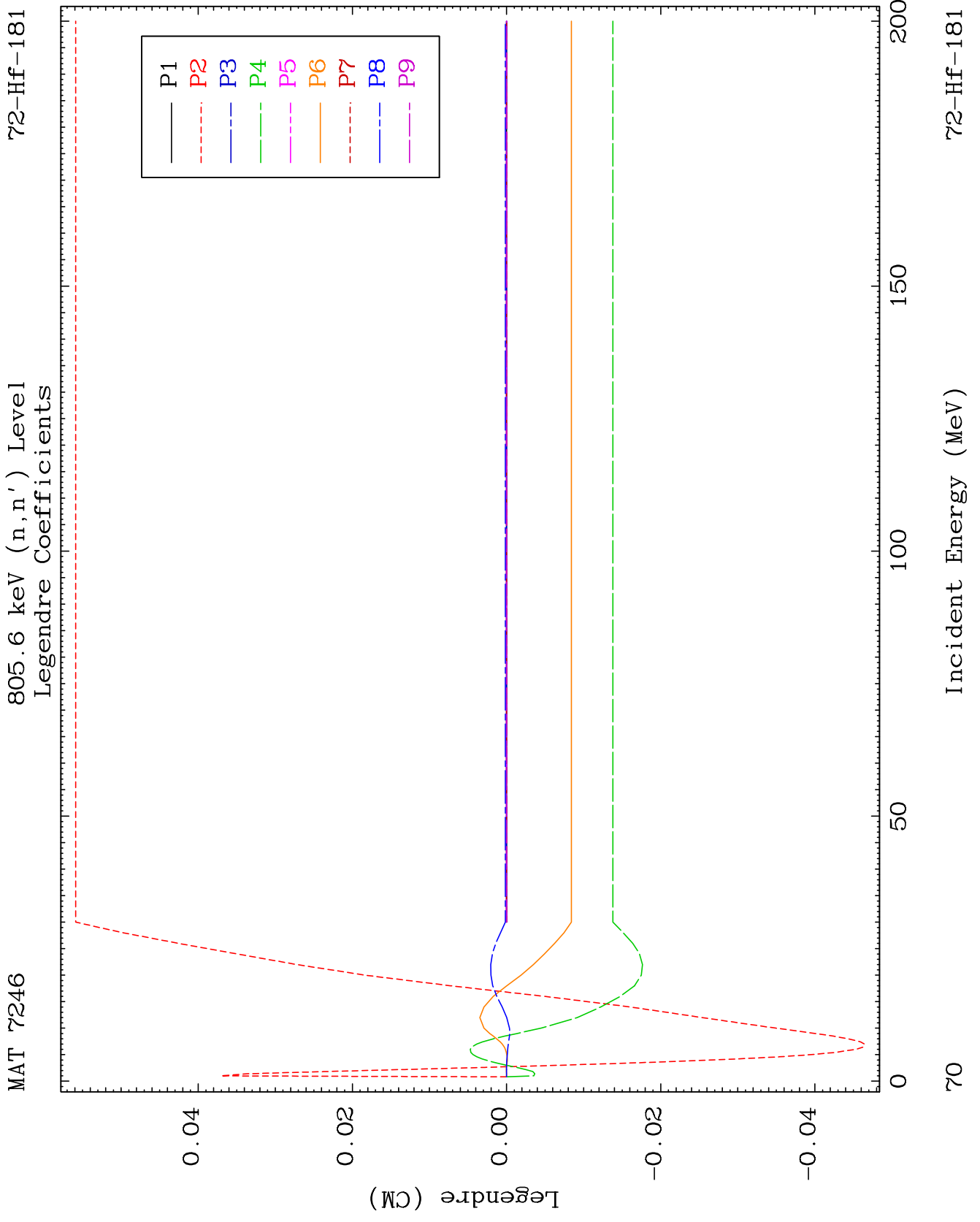
72-Hf-181



69

Incident Energy (MeV)

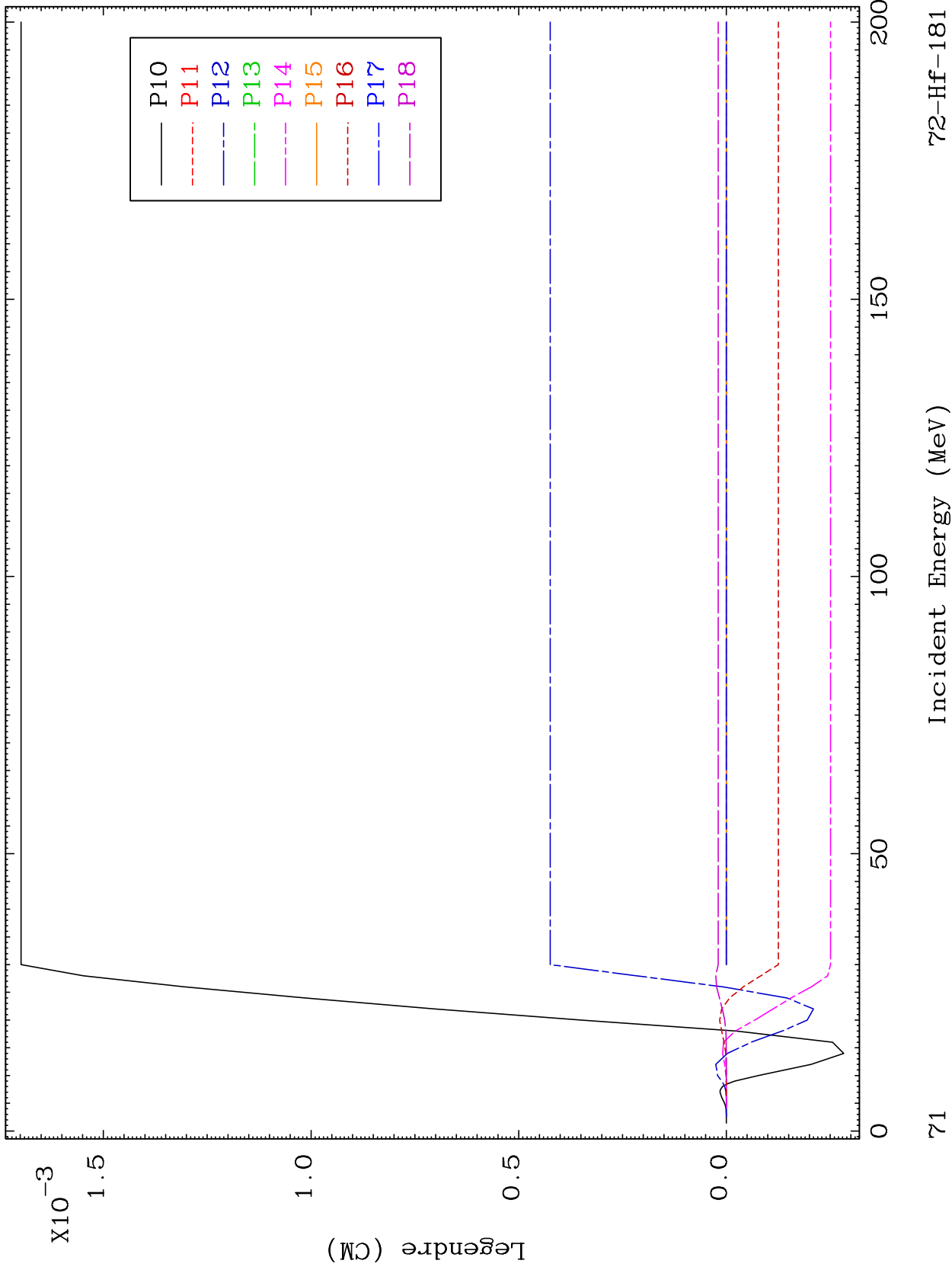
72-Hf-181



MAT 7246

805.6 keV (n,n') Level
Legendre Coefficients

72-Hf-181



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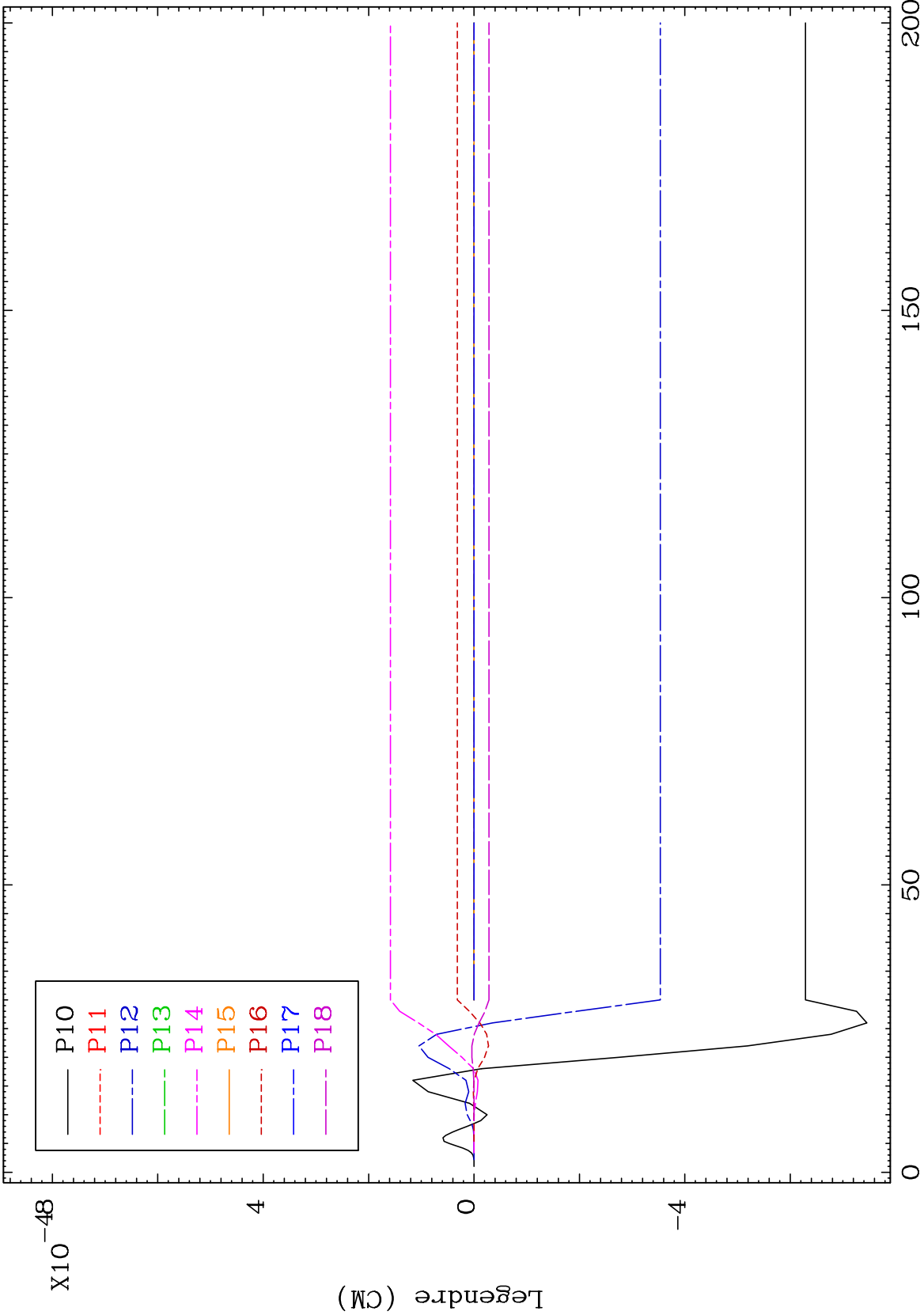
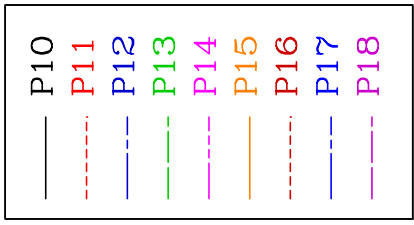
Incident Energy (MeV)

72-Hf-181

MAT 7246

835.0 keV (n,n') Level
Legendre Coefficients

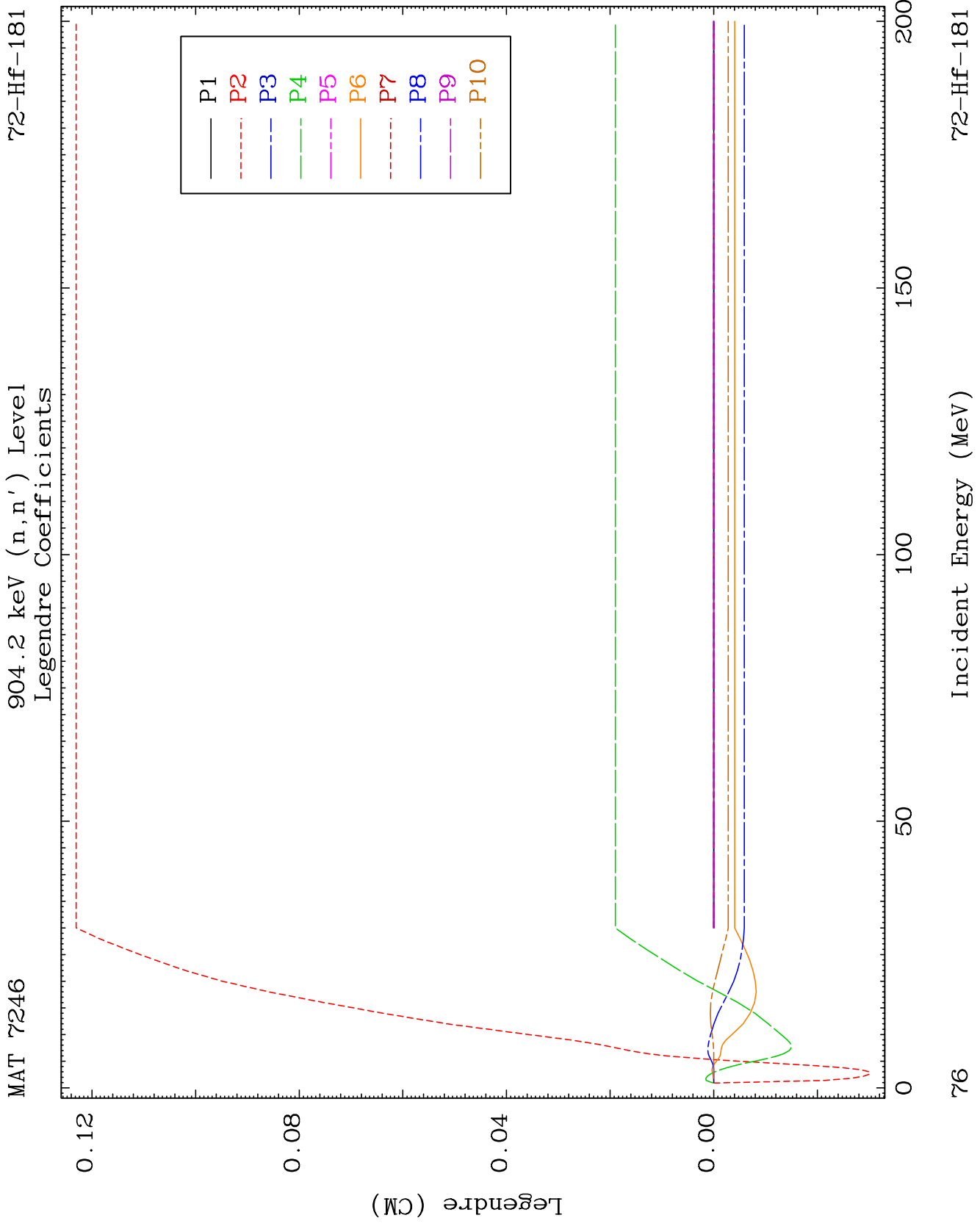
72-Hf-181



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Incident Energy (MeV)

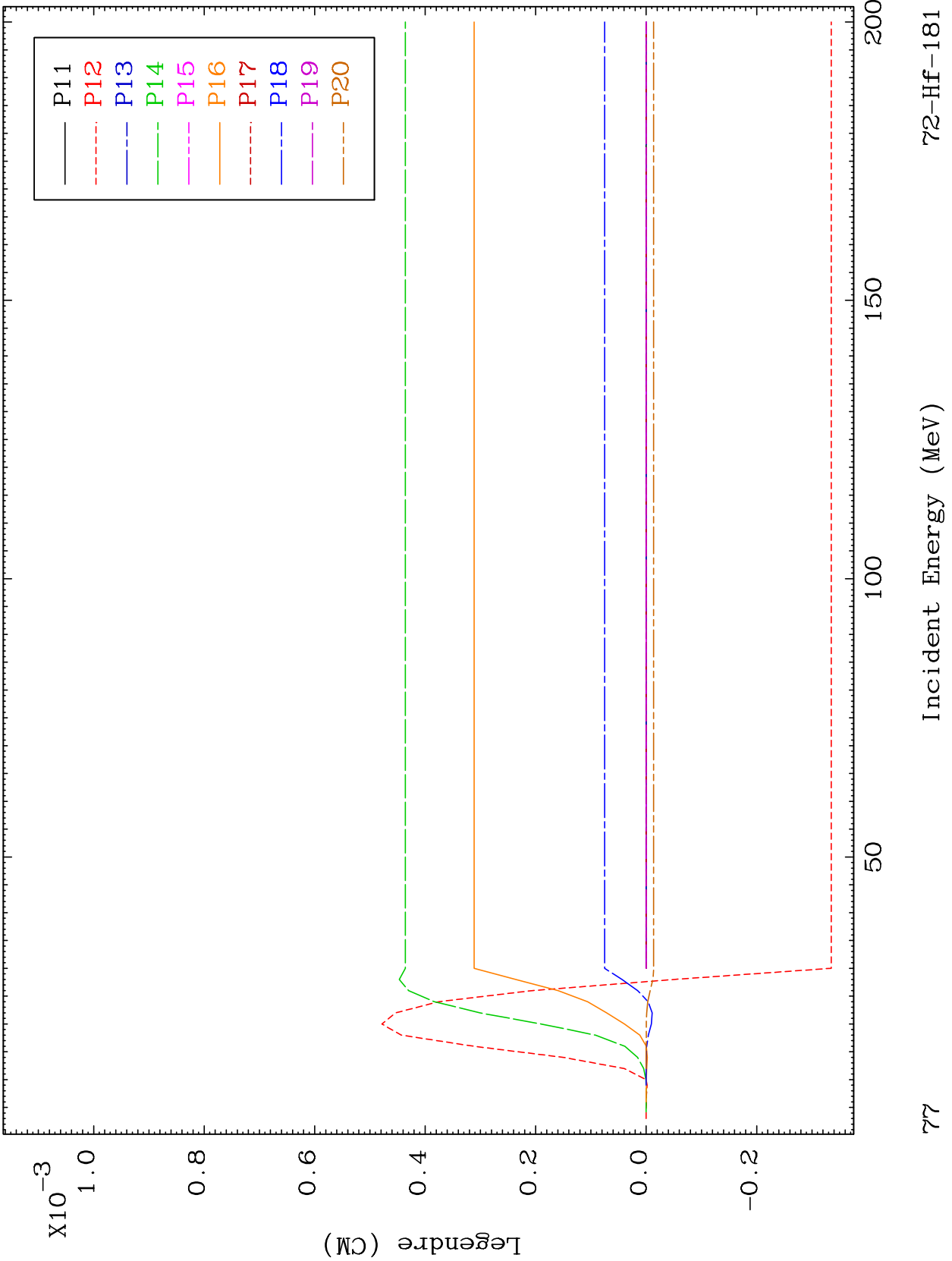
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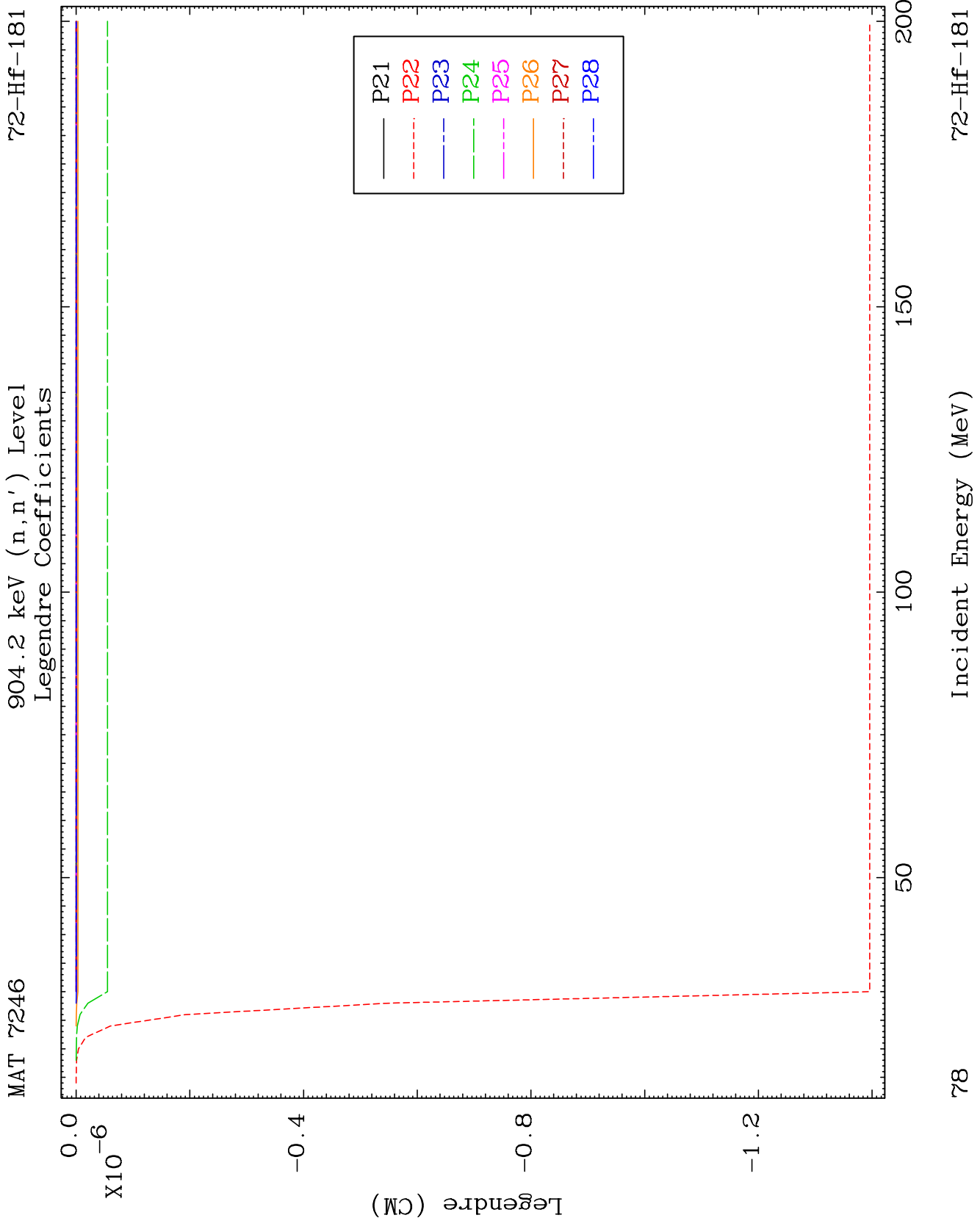


MAT 7246

904.2 keV (n,n') Level
Legendre Coefficients

72-Hf-181

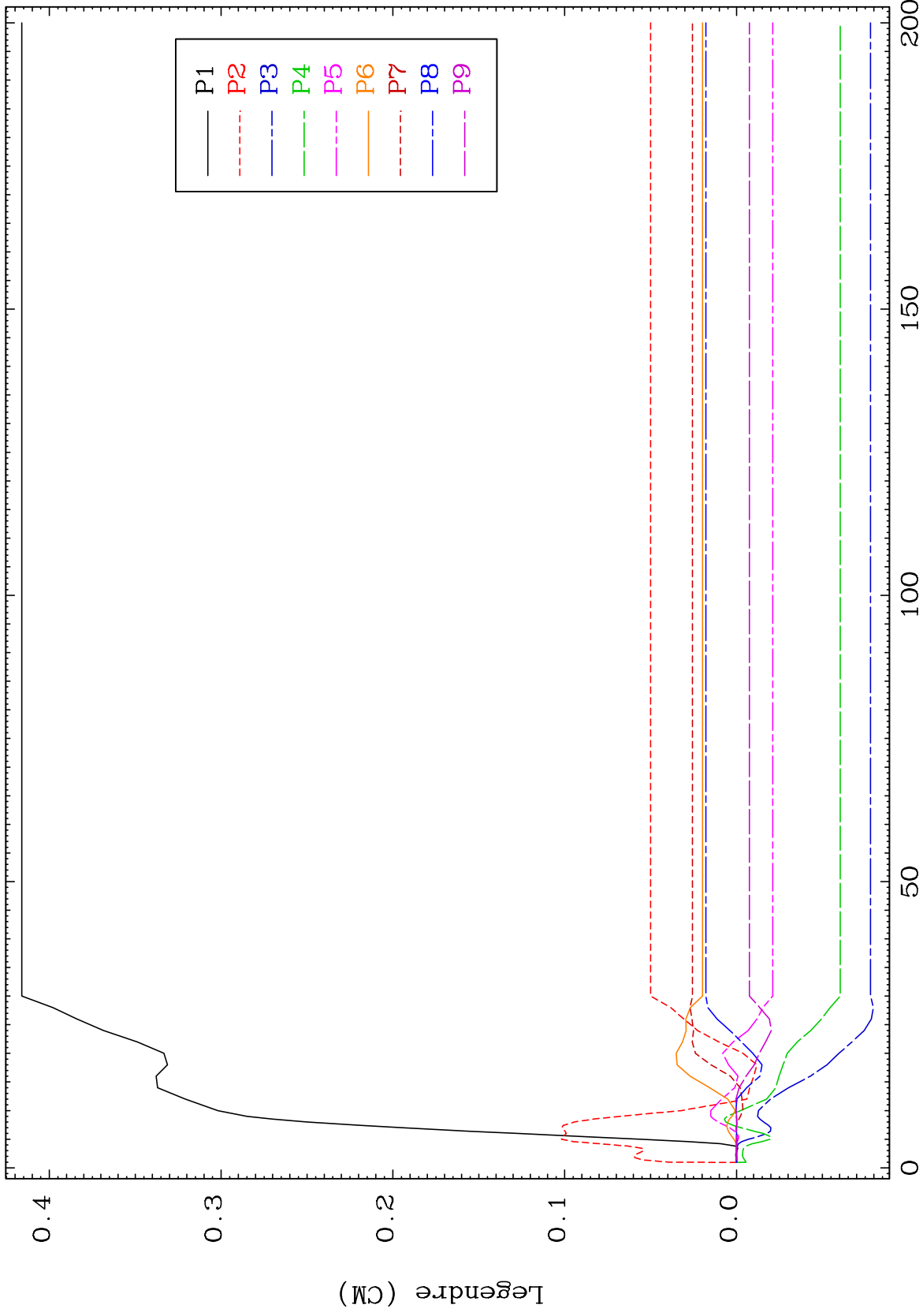




MAT 7246

928.1 keV (n,n') Level
Legendre Coefficients

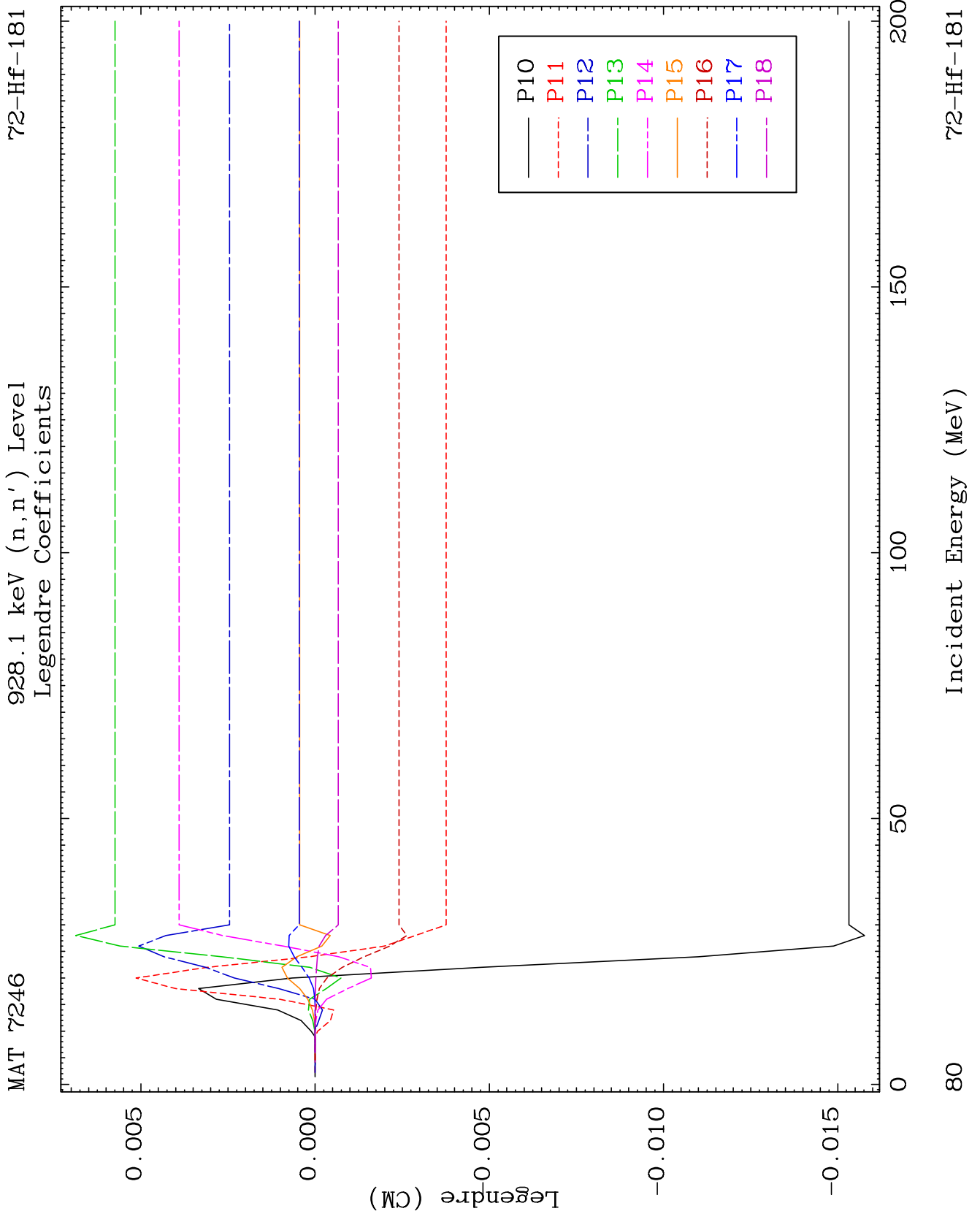
72-Hf-181



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Incident Energy (MeV)

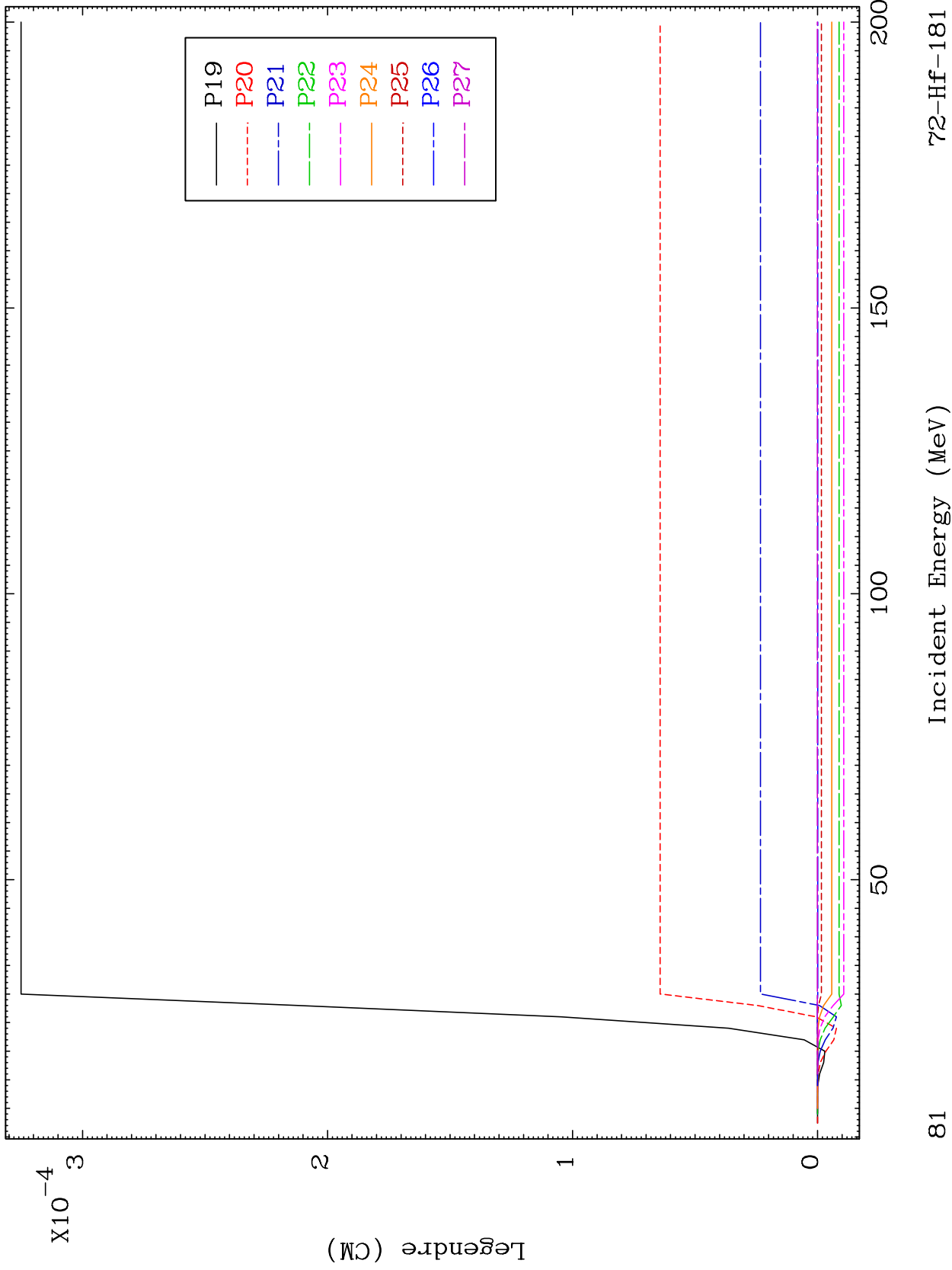
72-Hf-181



MAT 7246

928.1 keV (n,n') Level
Legendre Coefficients

72-Hf-181



81

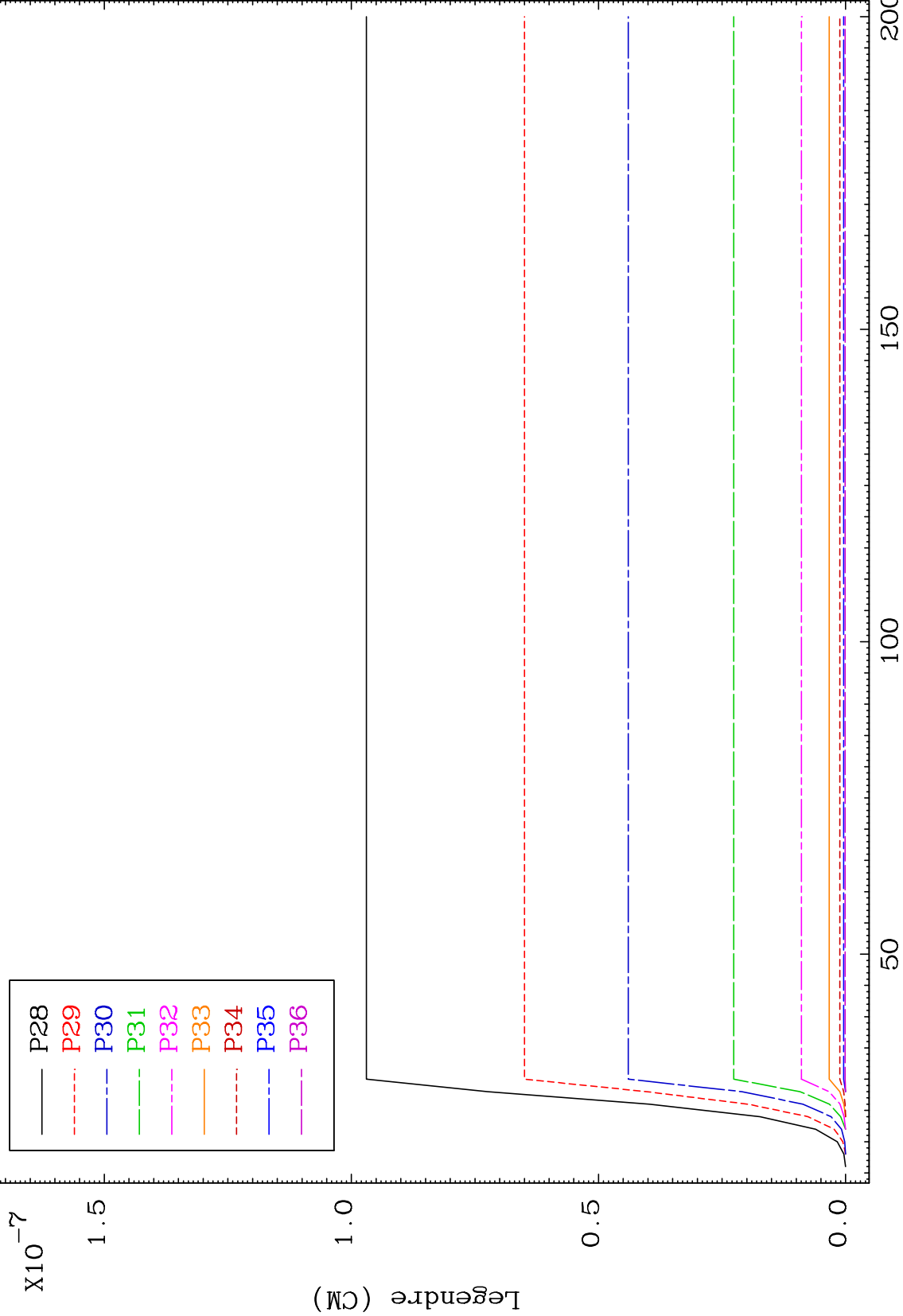
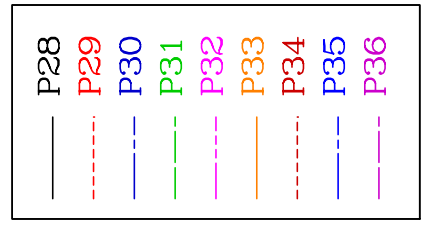
Incident Energy (MeV)

72-Hf-181

MAT 7246

928.1 keV (n,n') Level
Legendre Coefficients

72-Hf-181



82

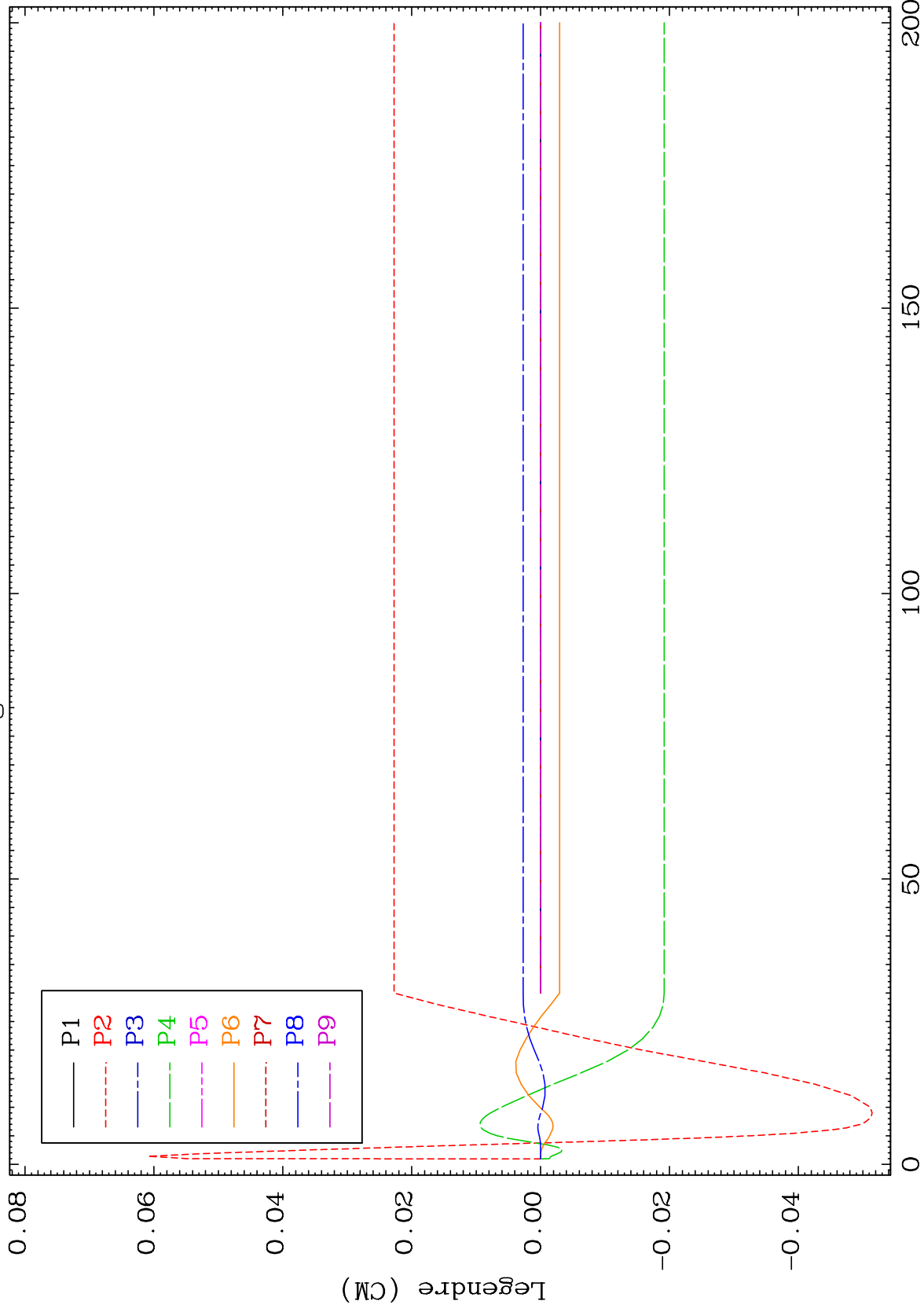
Incident Energy (MeV)

72-Hf-181

MAT 7246

930.0 keV (n,n') Level
Legendre Coefficients

72-Hf-181



83

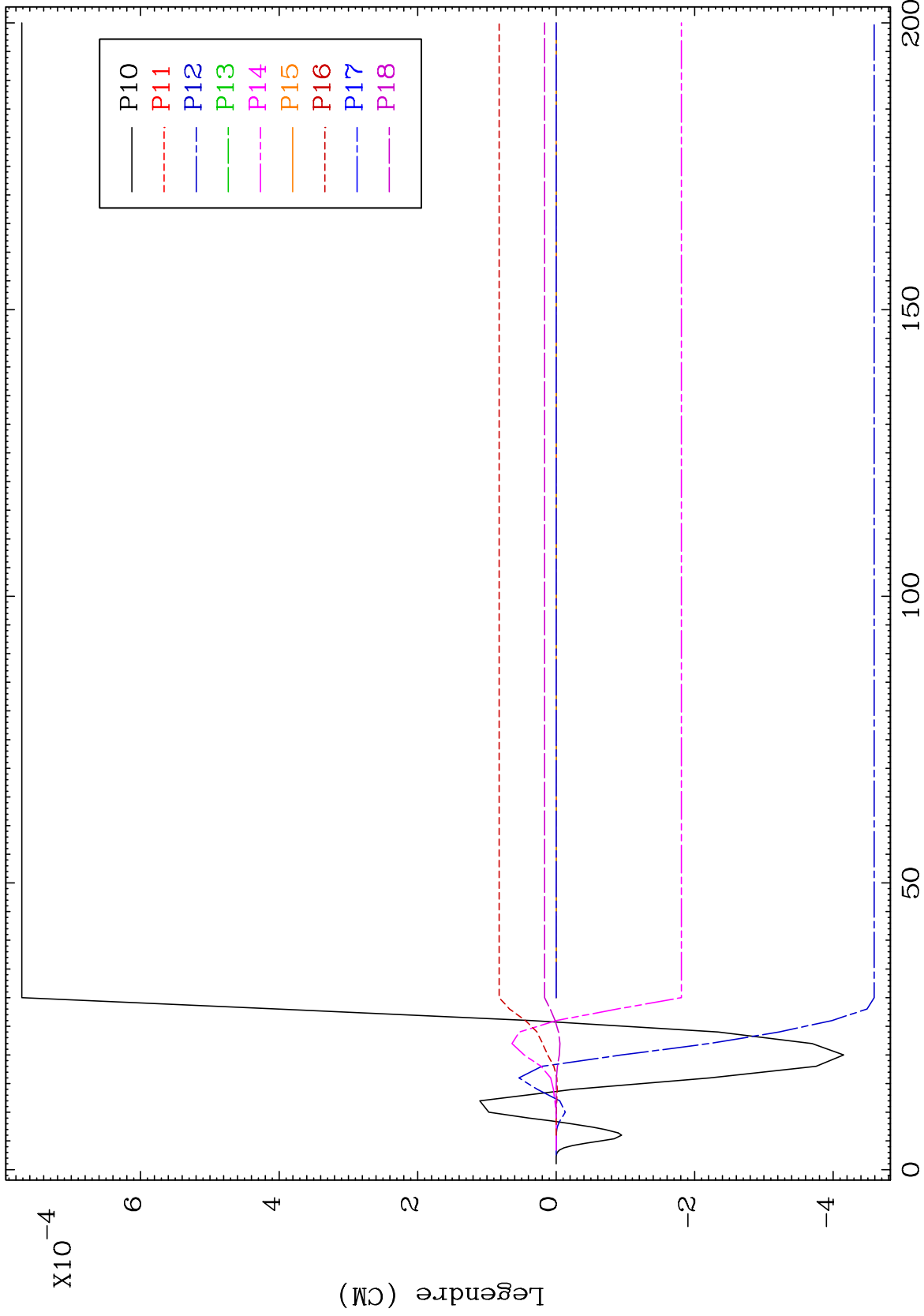
Incident Energy (MeV)

72-Hf-181

MAT 7246

930.0 keV (n,n') Level
Legendre Coefficients

72-Hf-181



84

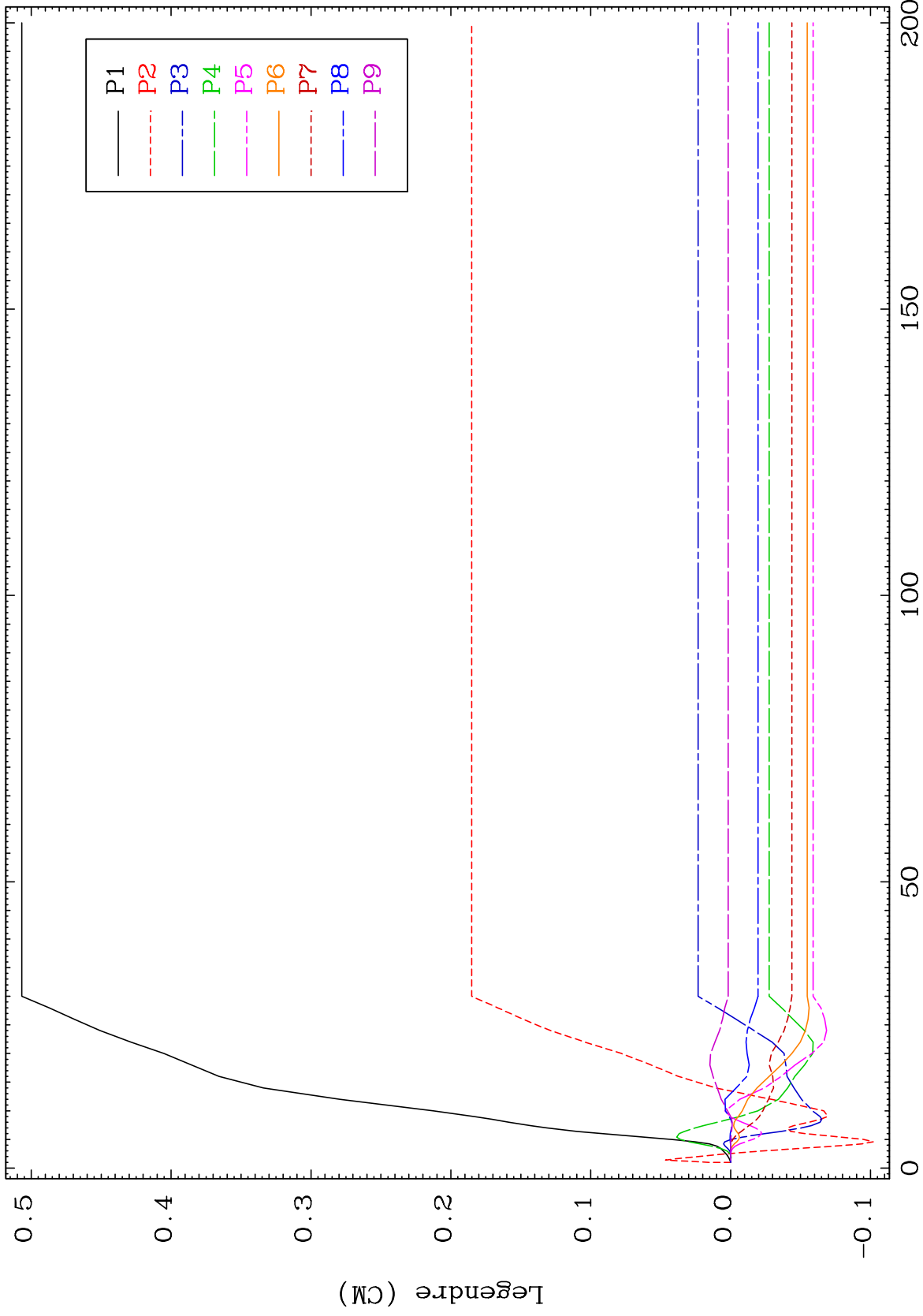
Incident Energy (MeV)

72-Hf-181

MAT 7246

965.0 keV (n,n') Level
Legendre Coefficients

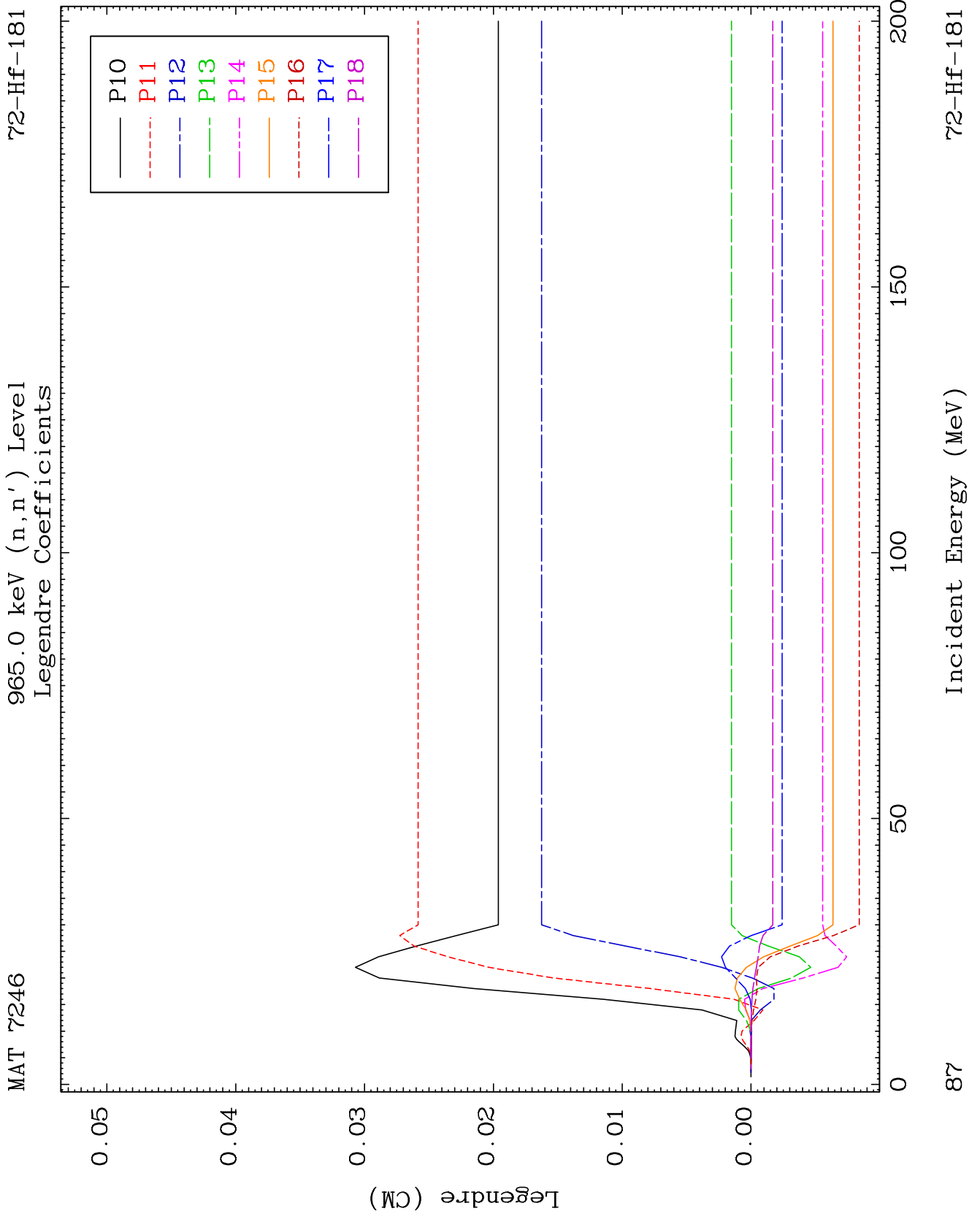
72-Hf-181

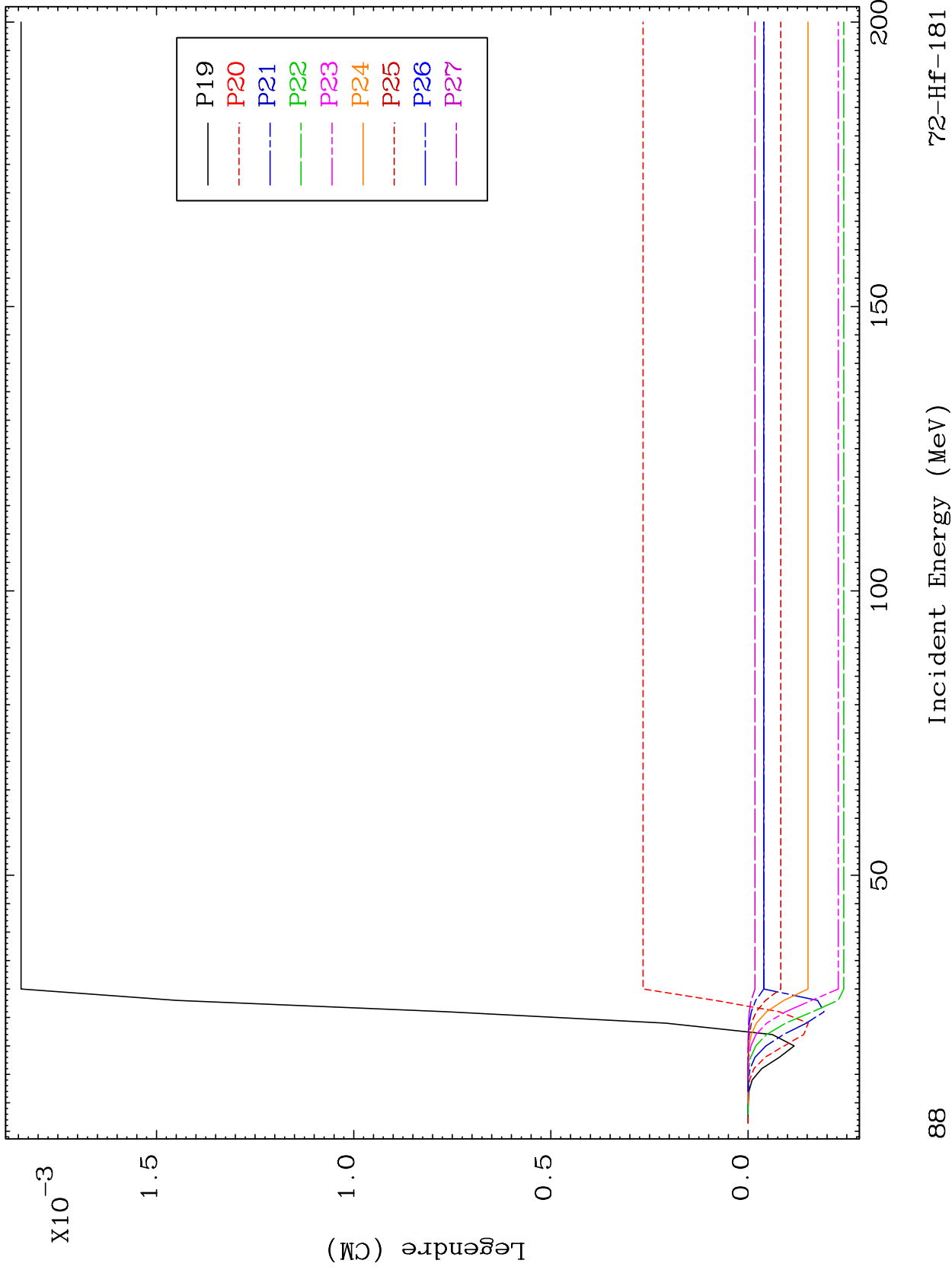


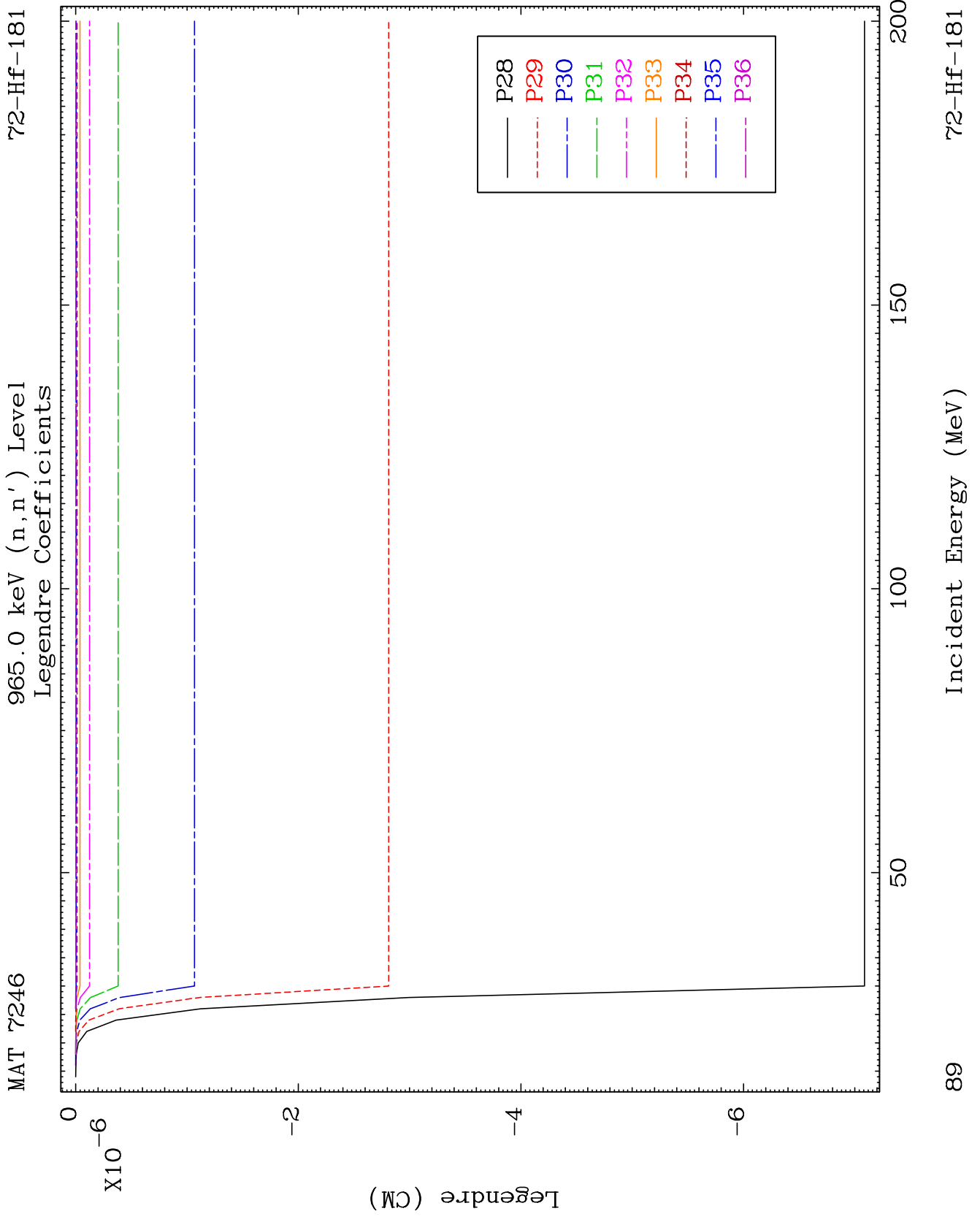
86

Incident Energy (MeV)

72-Hf-181



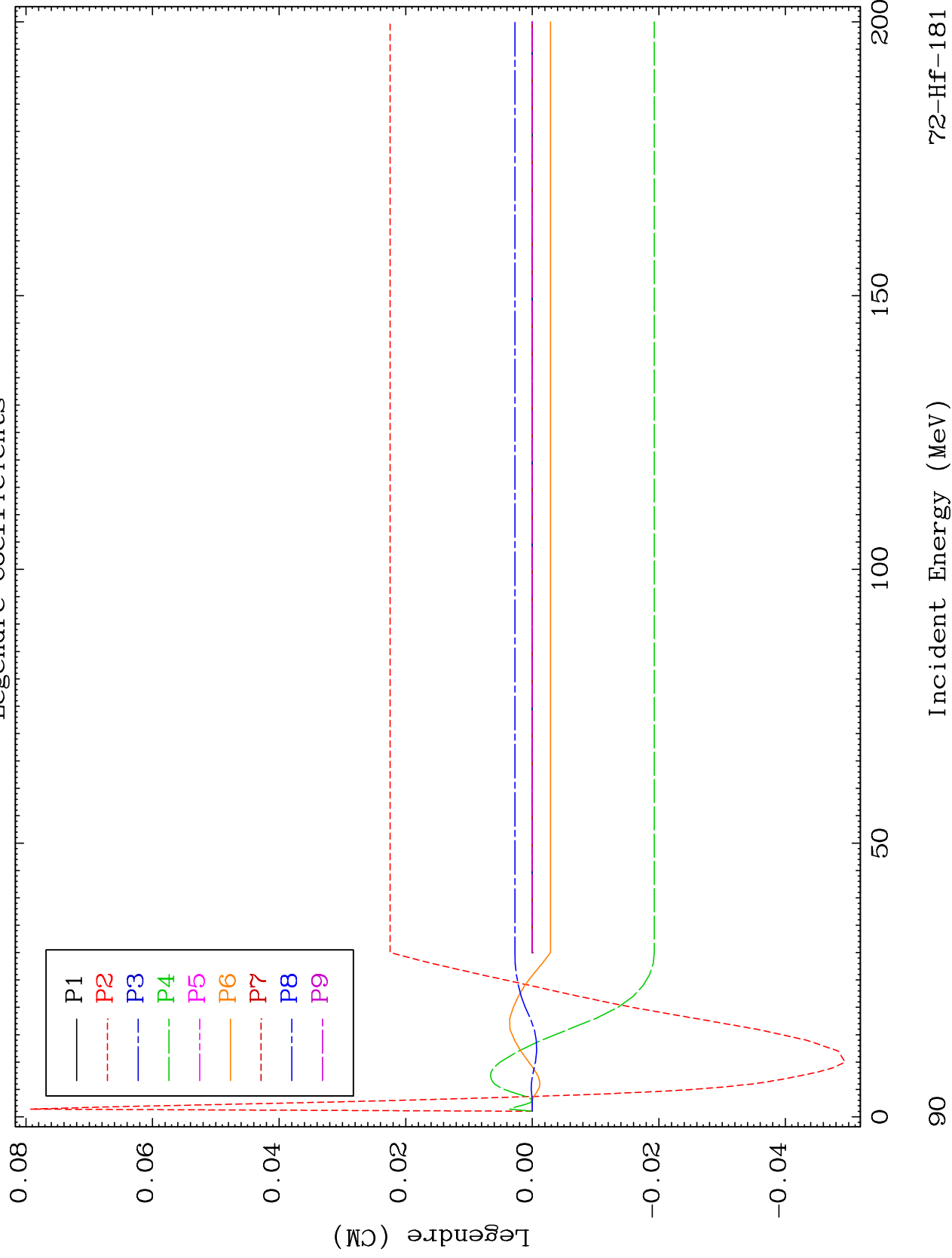




MAT 7246

1.009 MeV (n,n') Level
Legendre Coefficients

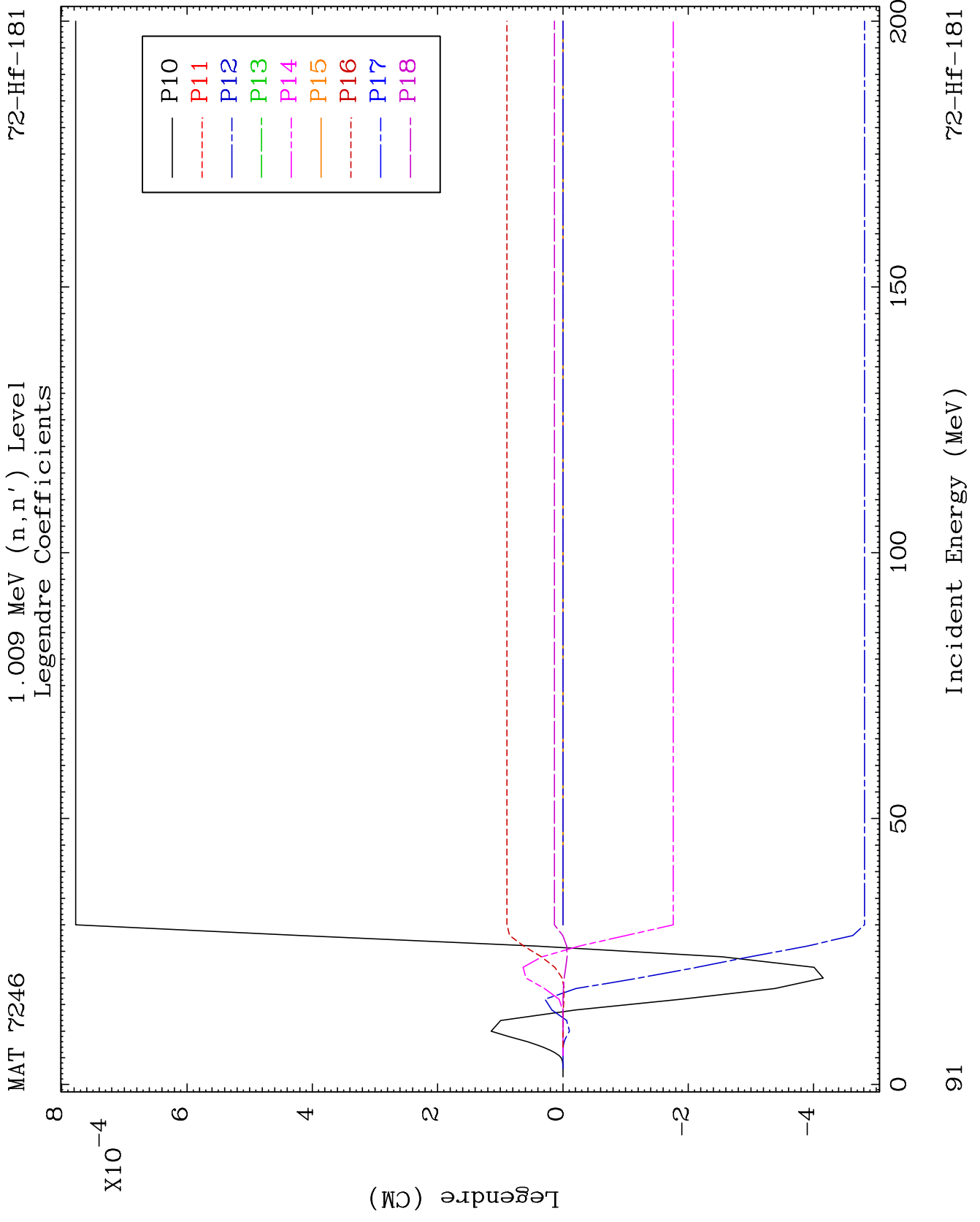
72-Hf-181

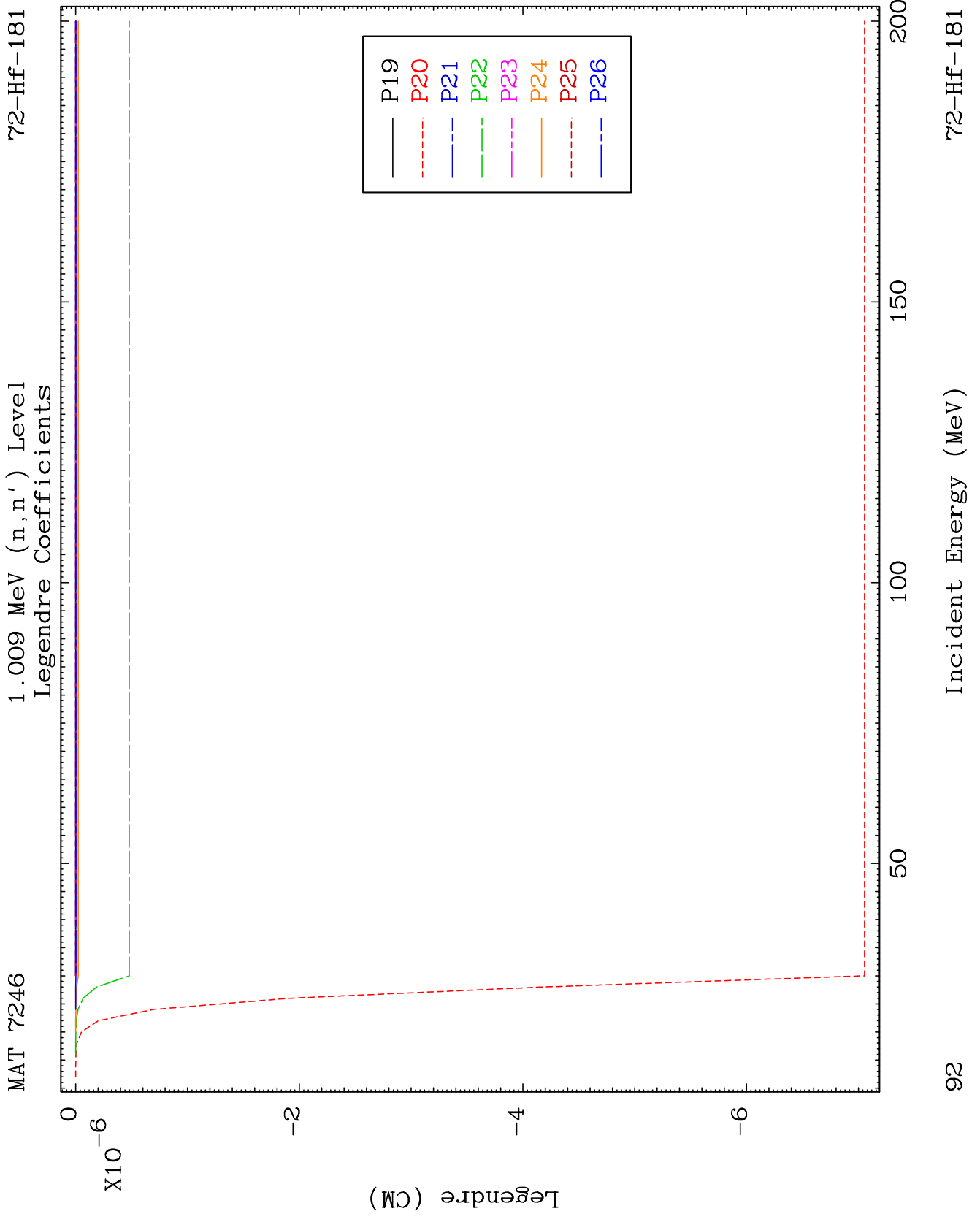


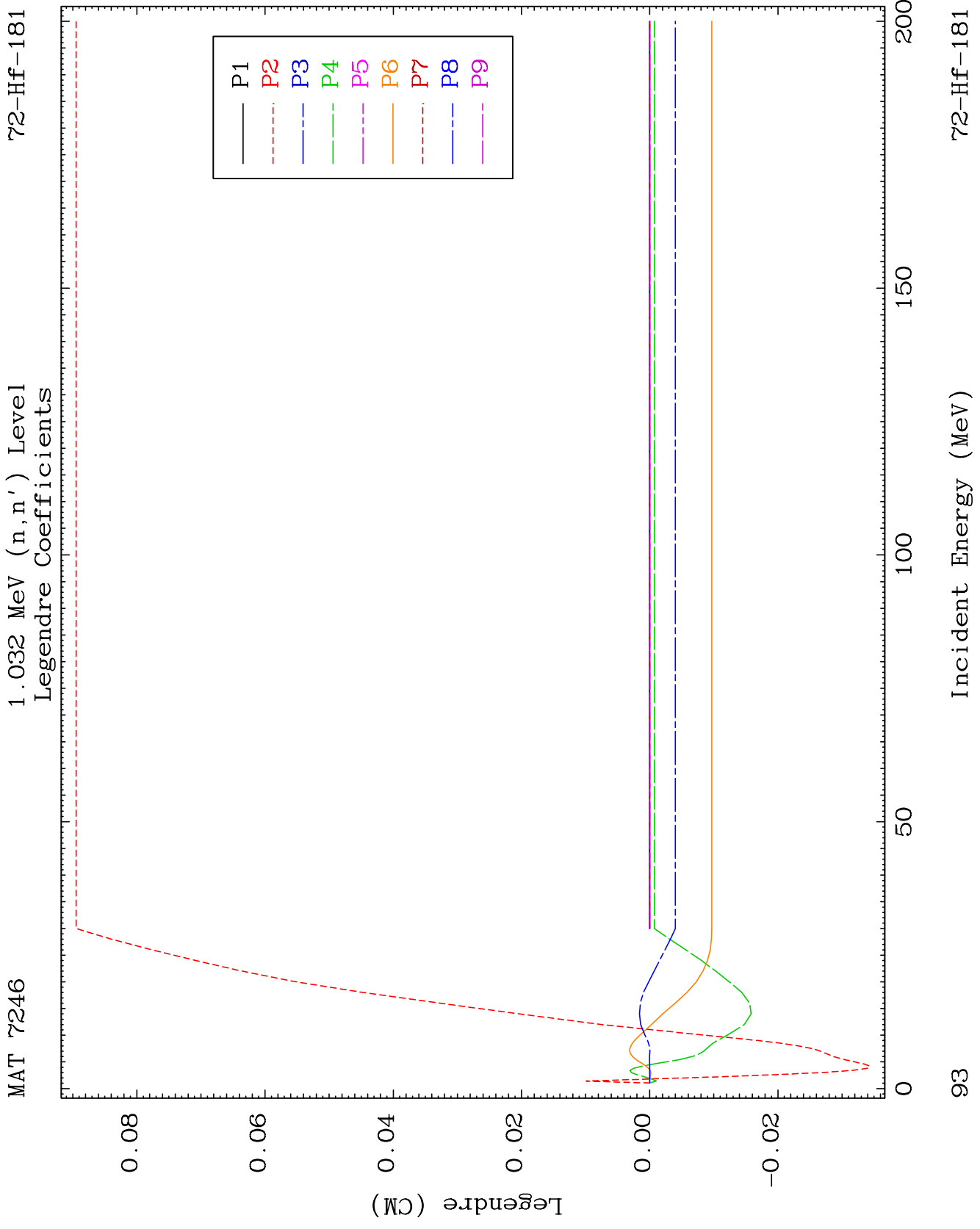
72-Hf-181

Incident Energy (MeV)

90



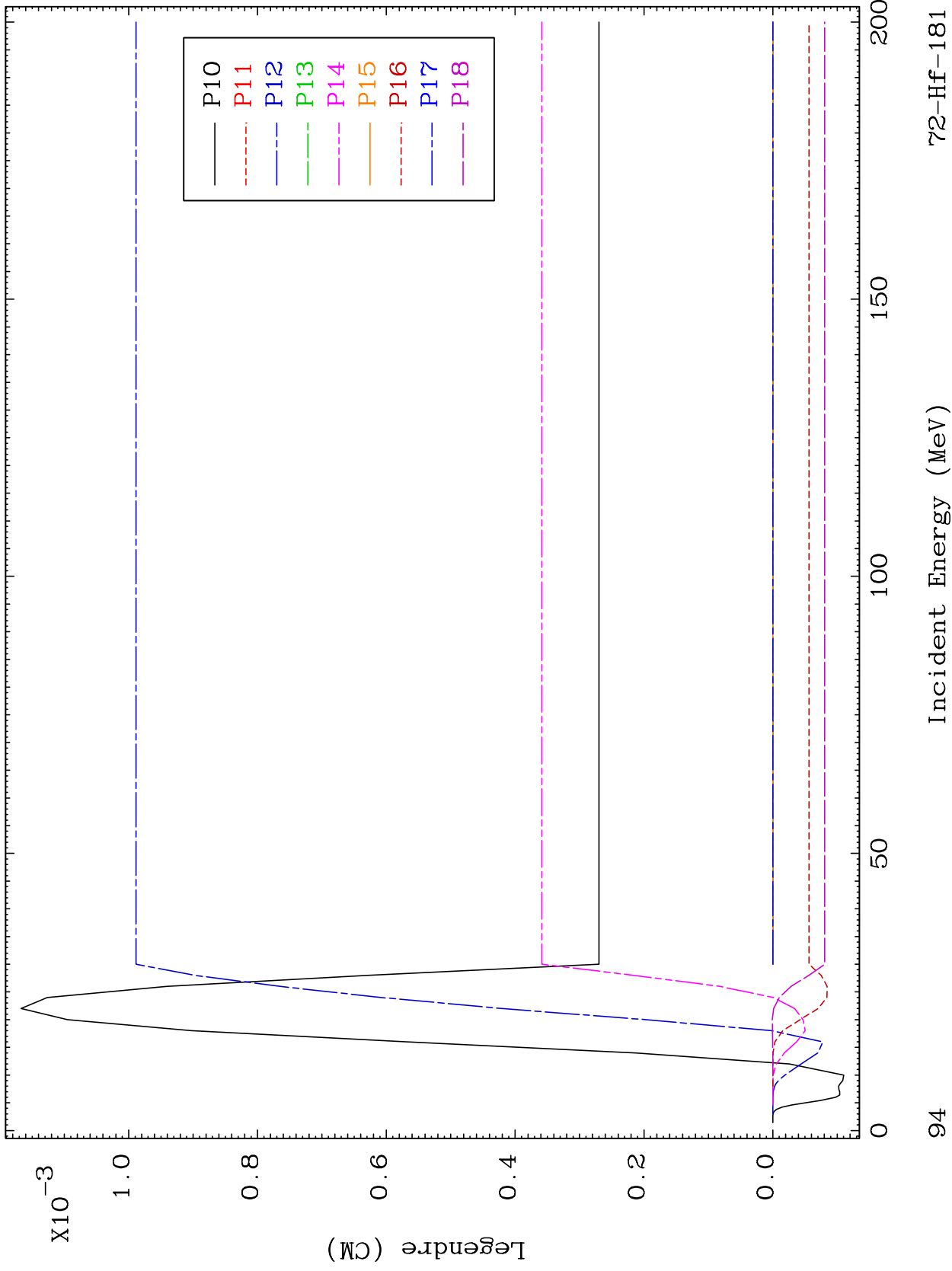




MAT 7246

1.032 MeV (n,n') Level
Legendre Coefficients

72-Hf-181



94

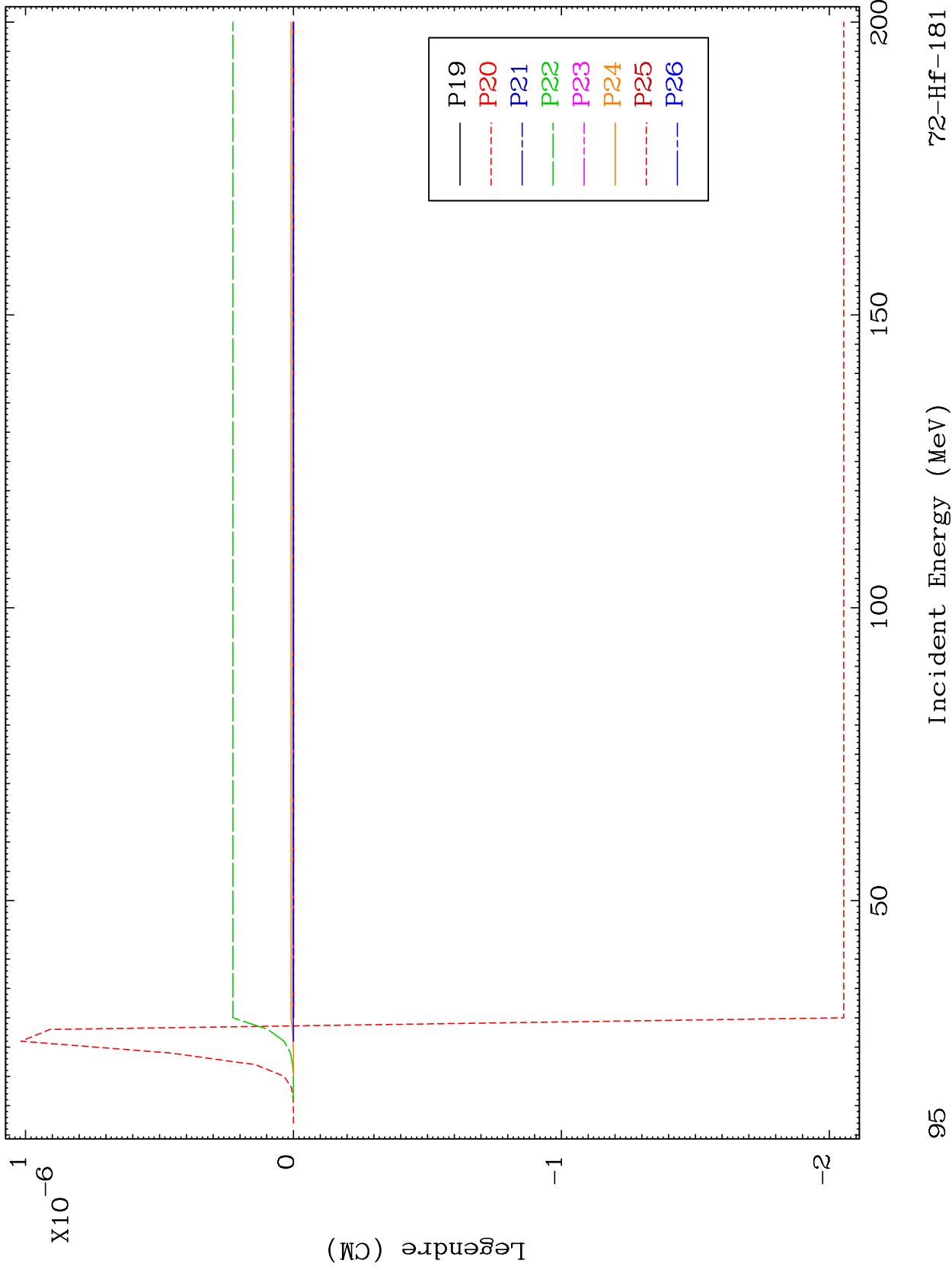
Incident Energy (MeV)

72-Hf-181

MAT 7246

1.032 MeV (n,n') Level
Legendre Coefficients

72-Hf-181



95

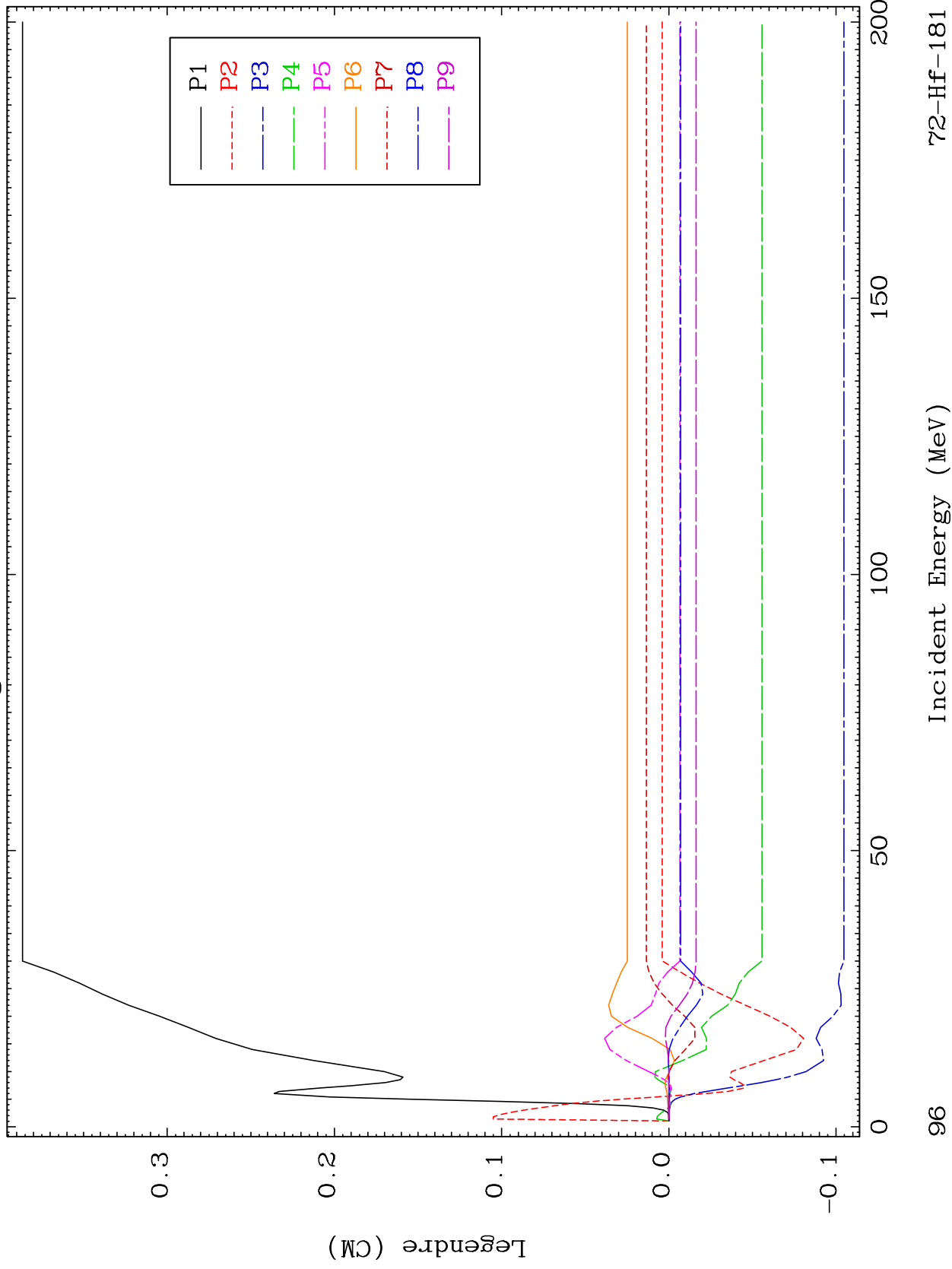
Incident Energy (MeV)

72-Hf-181

MAT 7246

1.043 MeV (n,n') Level
Legendre Coefficients

72-Hf-181



72-Hf-181

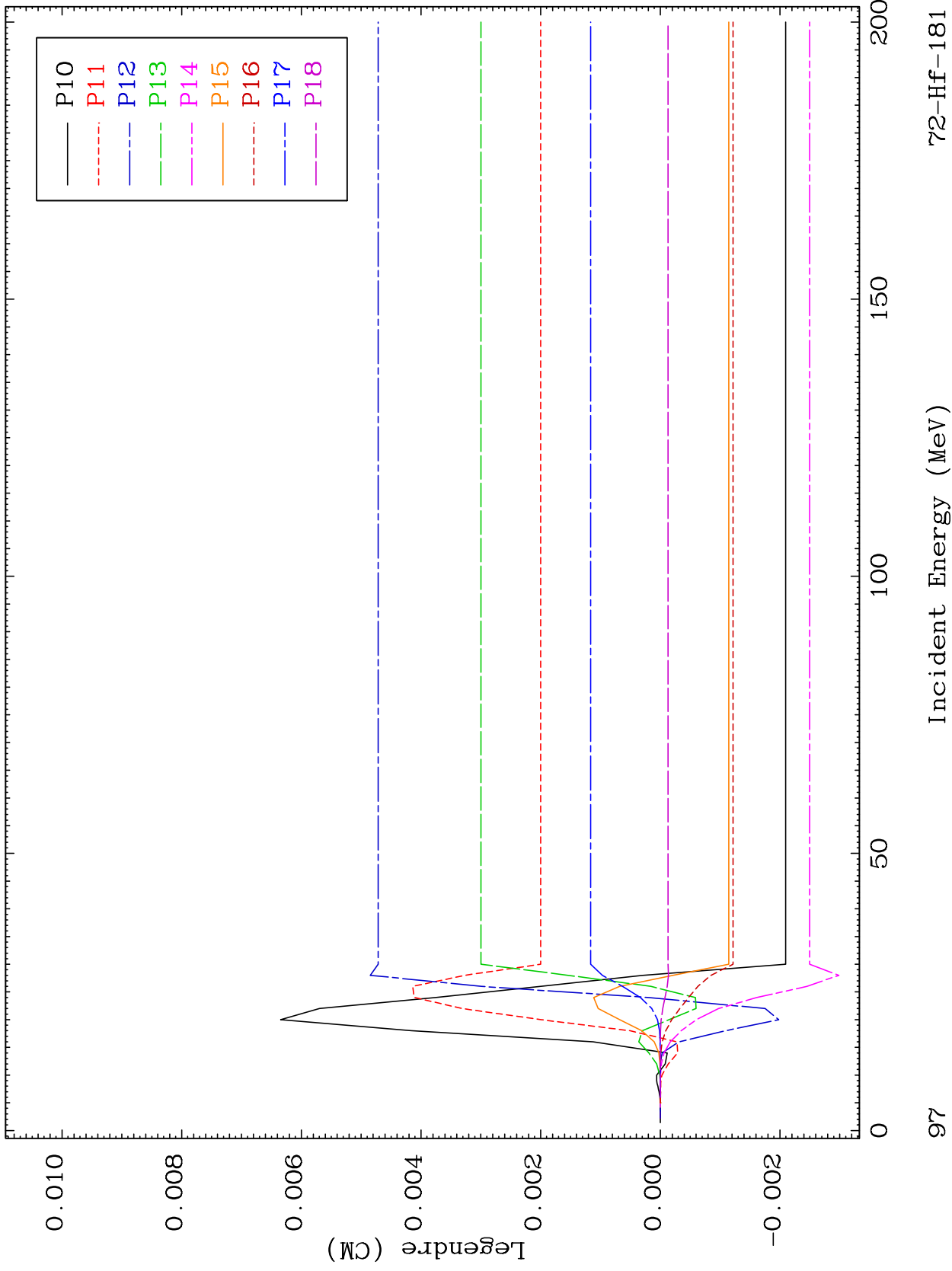
Incident Energy (MeV)

96

MAT 7246

1.043 MeV (n,n') Level
Legendre Coefficients

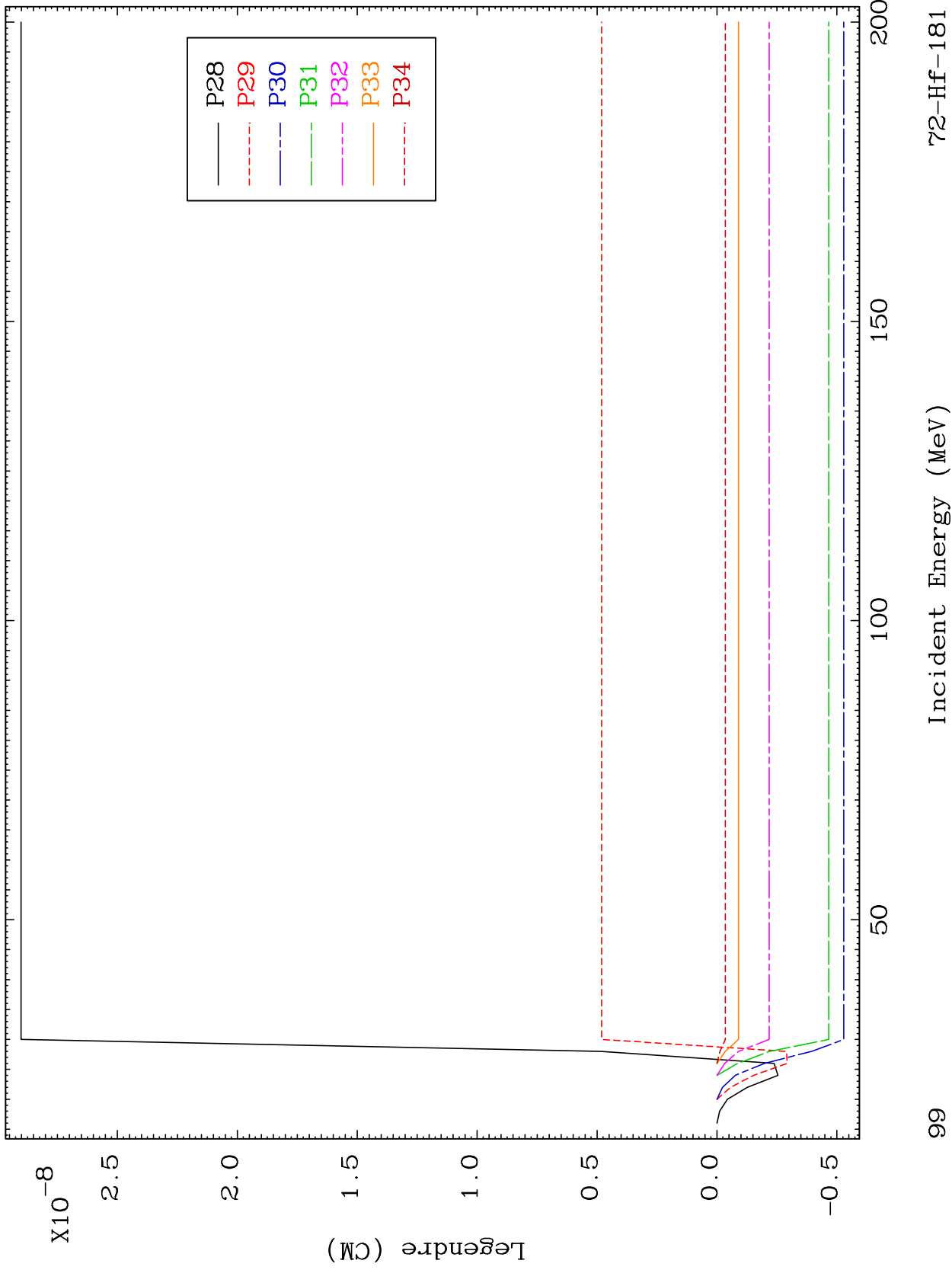
72-Hf-181



MAT 7246

1.043 MeV (n,n') Level
Legendre Coefficients

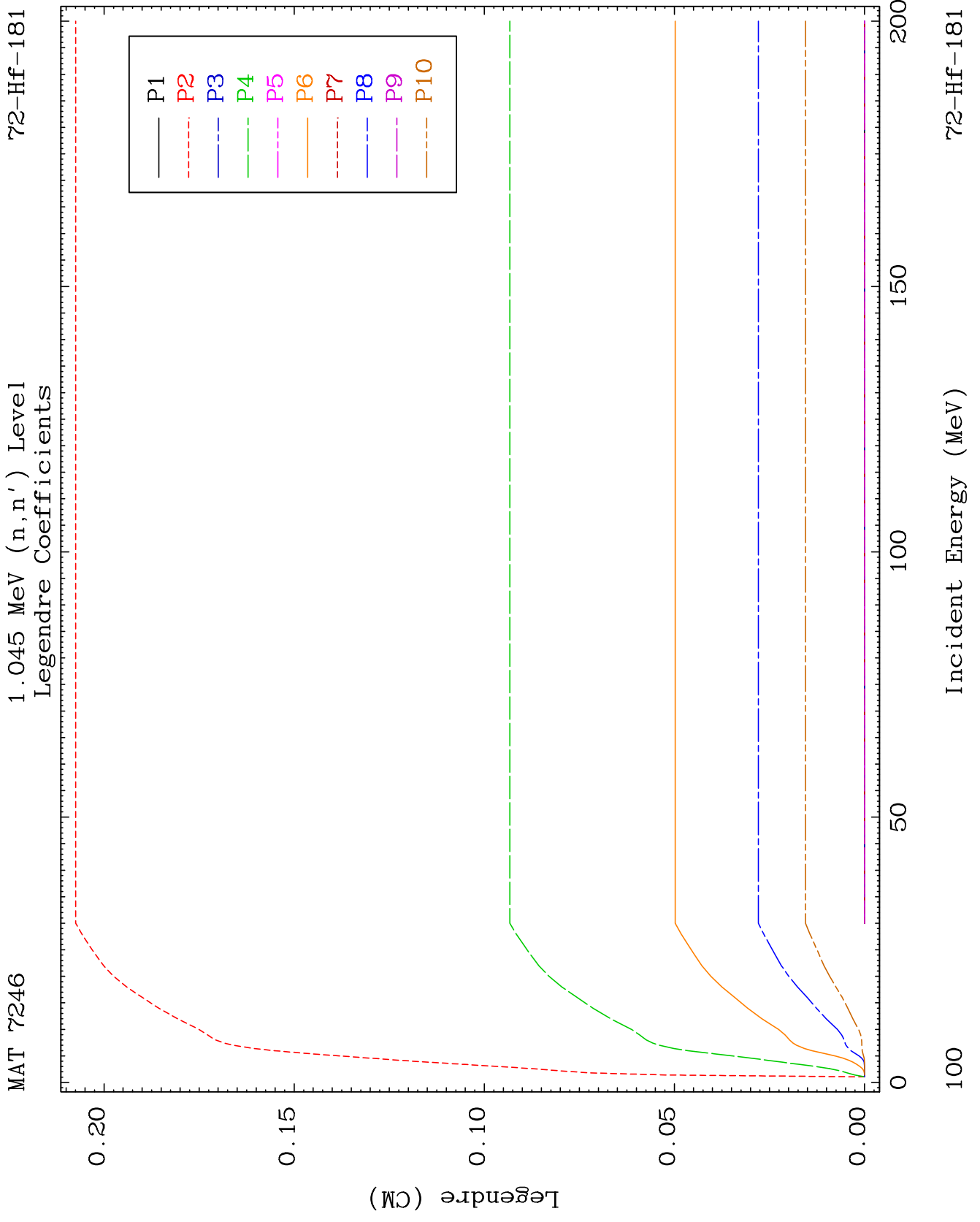
72-Hf-181

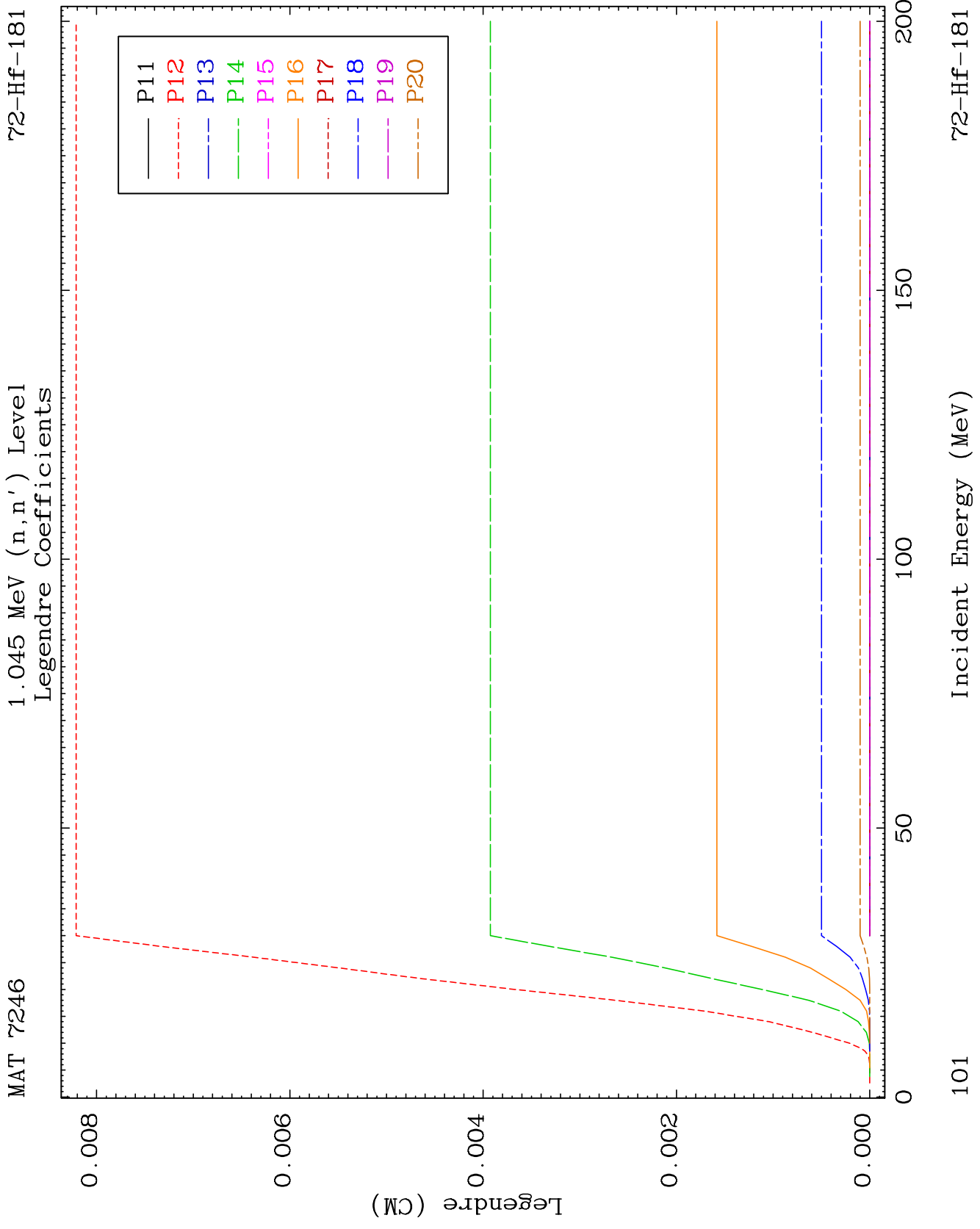


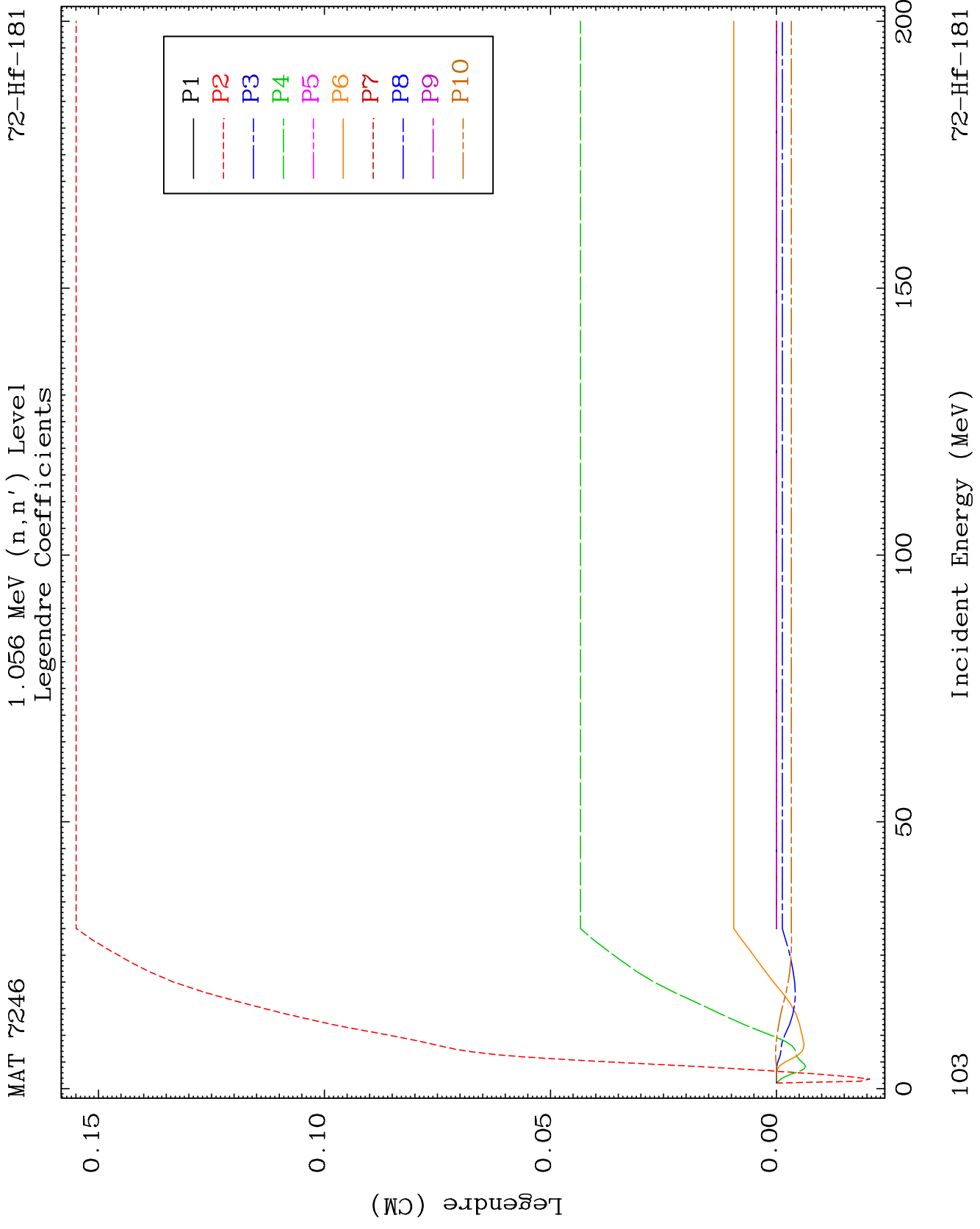
99

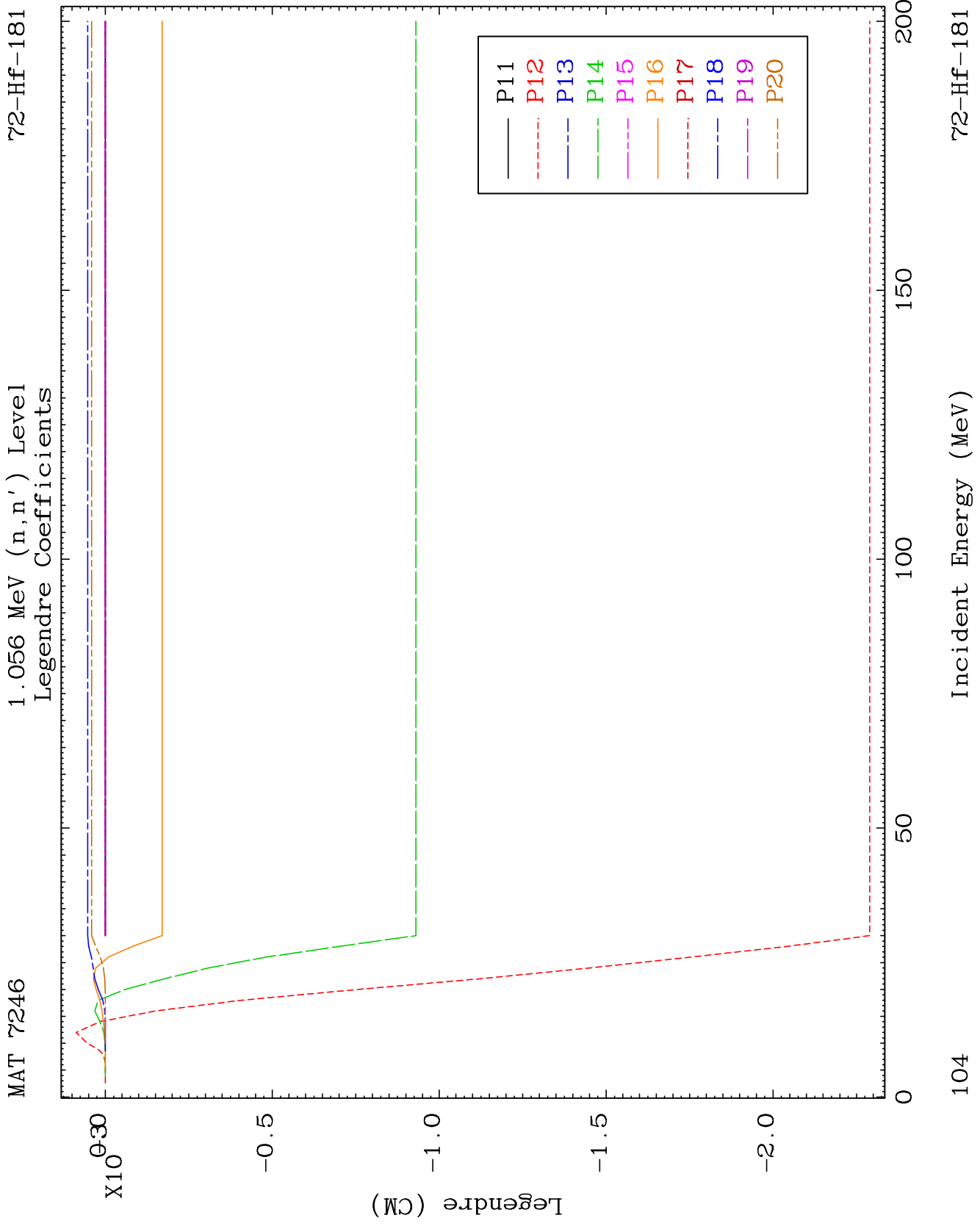
Incident Energy (MeV)

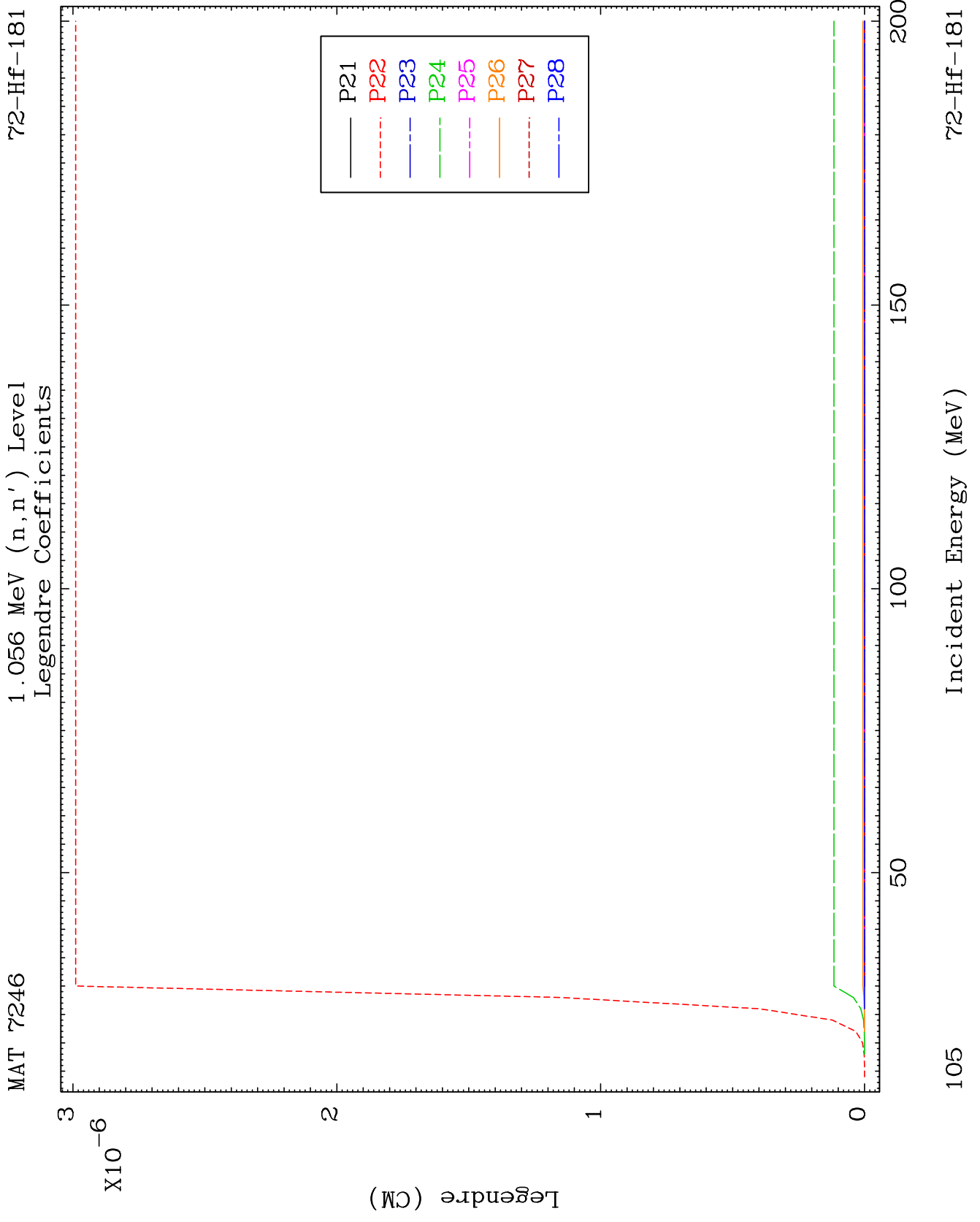
72-Hf-181

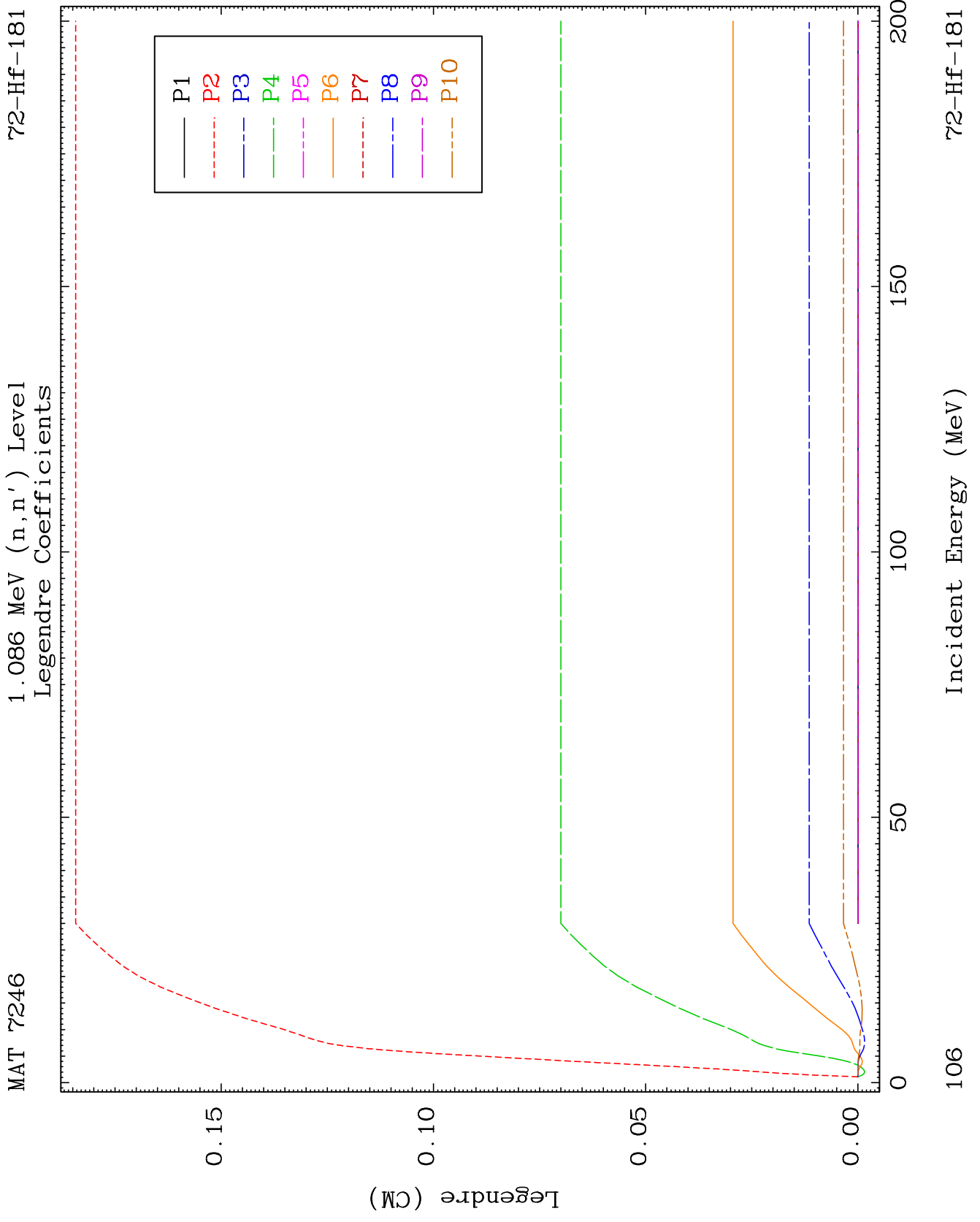








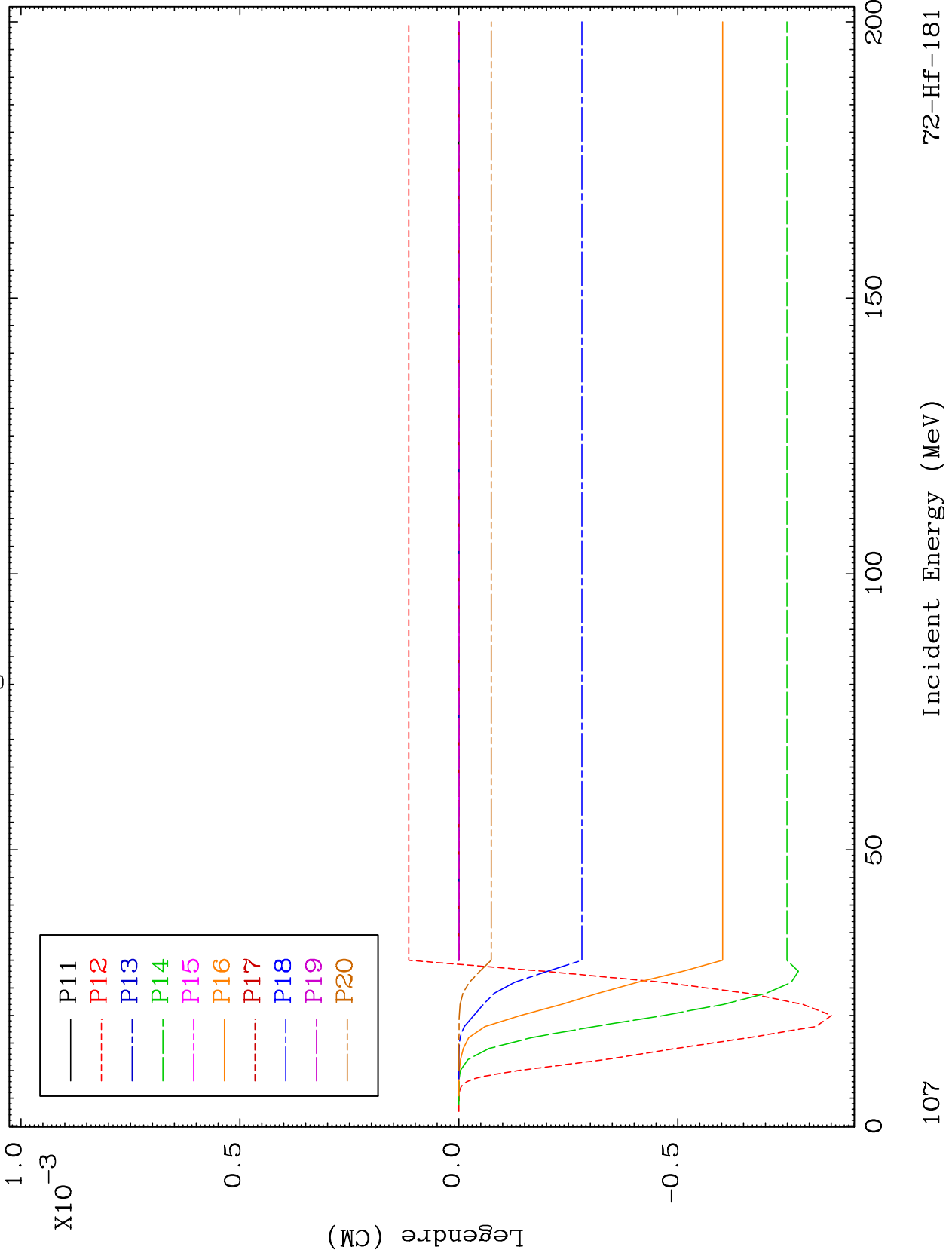


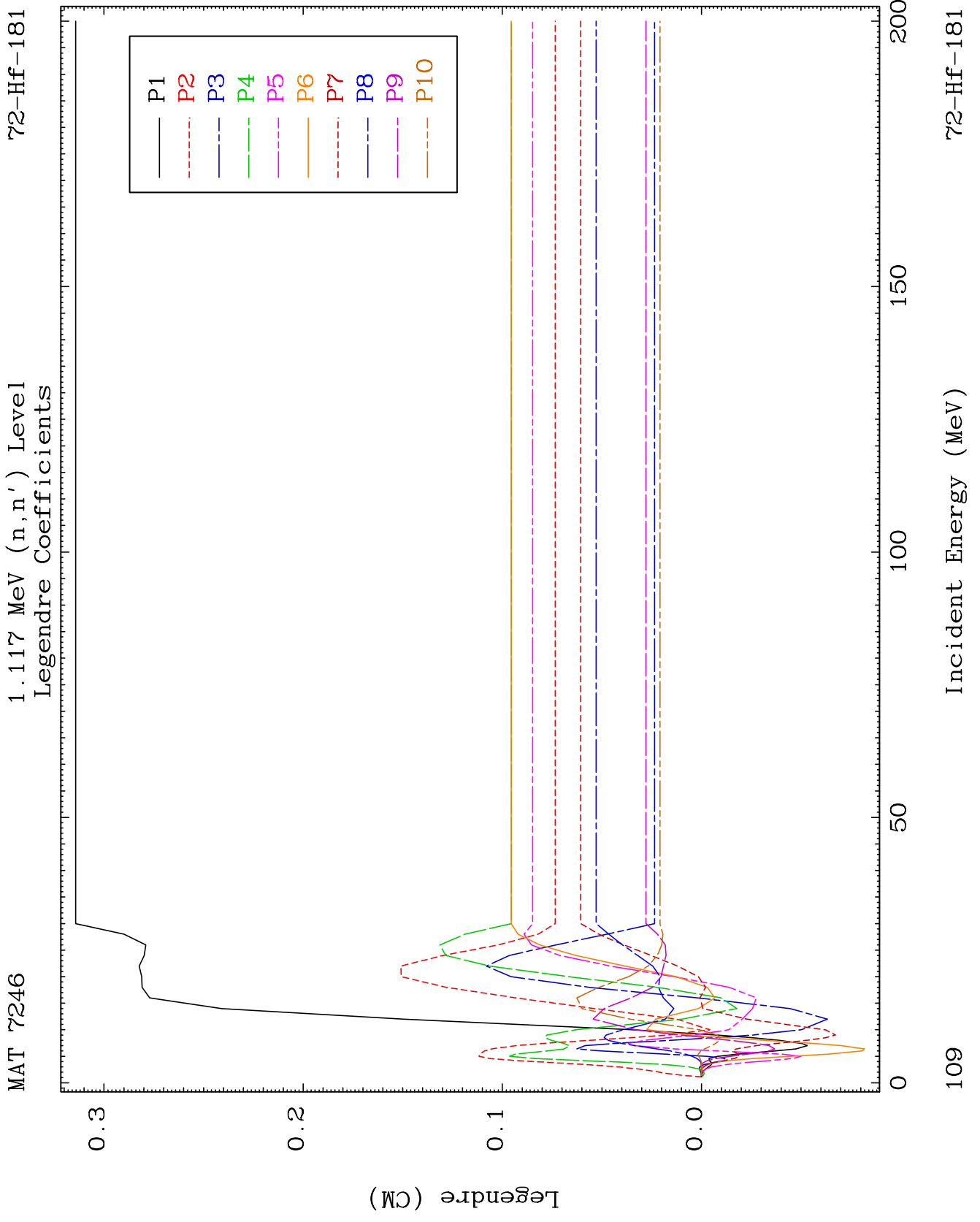


MAT 7246

1.086 MeV (n,n') Level
Legendre Coefficients

72-Hf-181

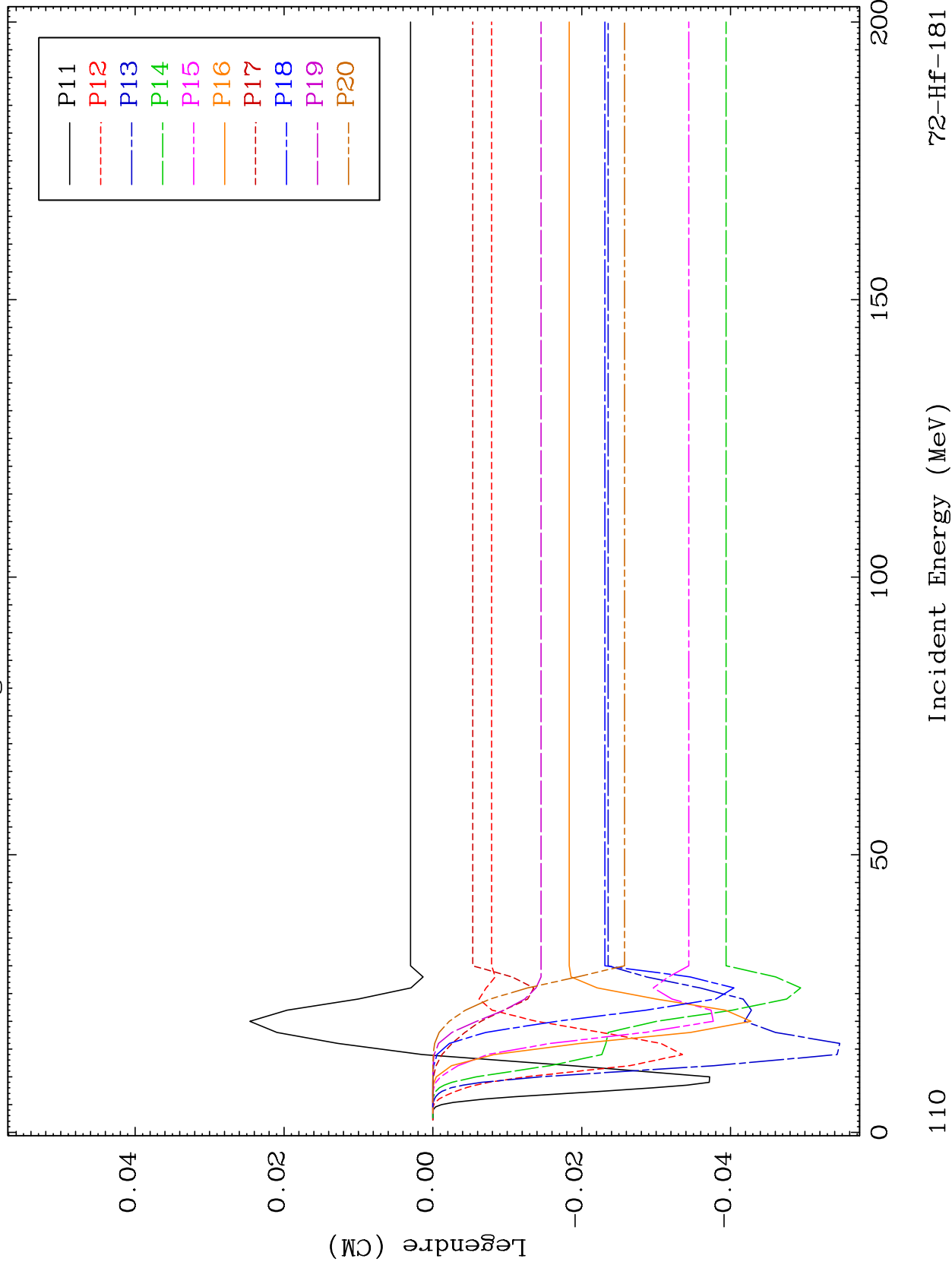




MAT 7246

1.117 MeV (n,n') Level
Legendre Coefficients

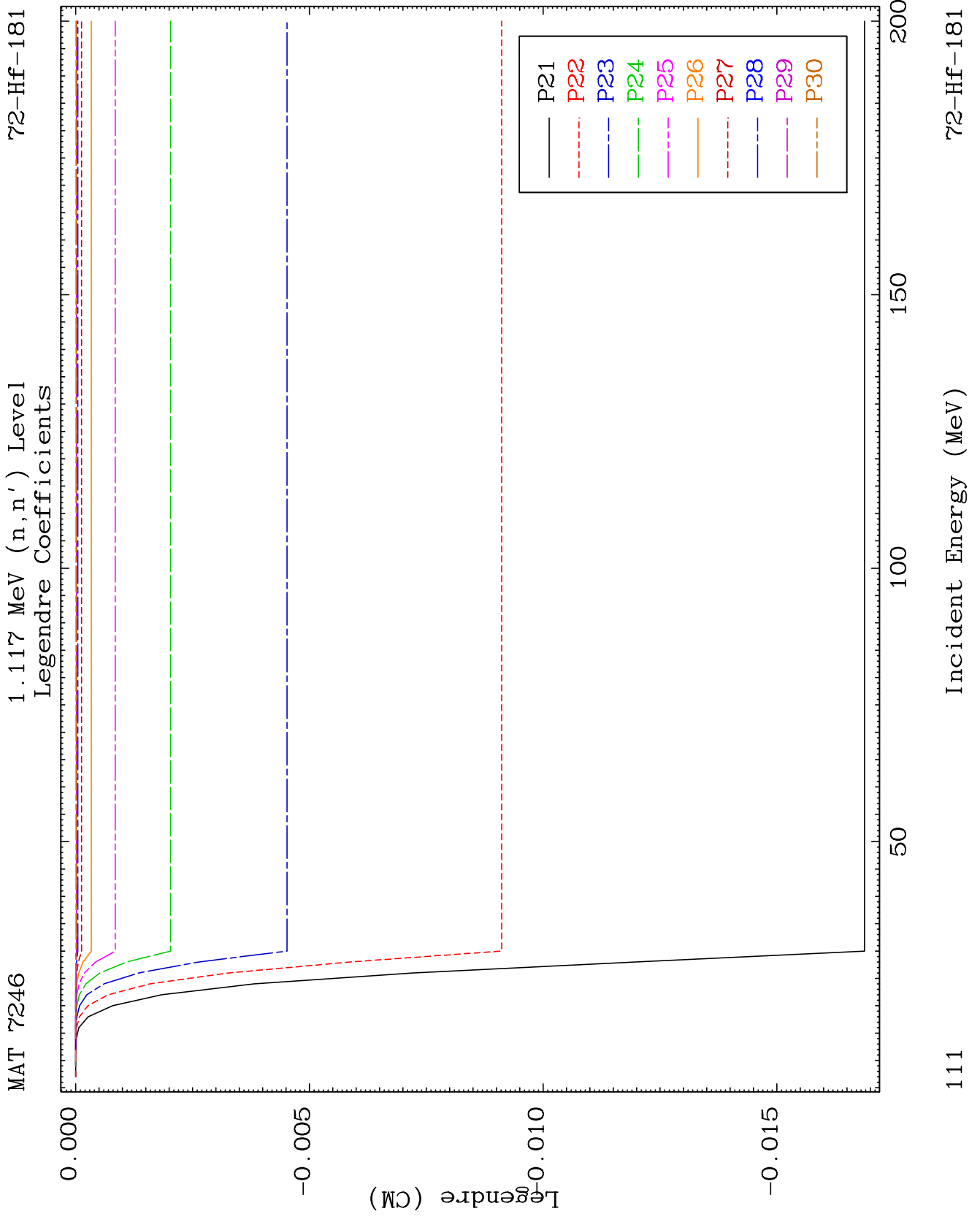
72-Hf-181

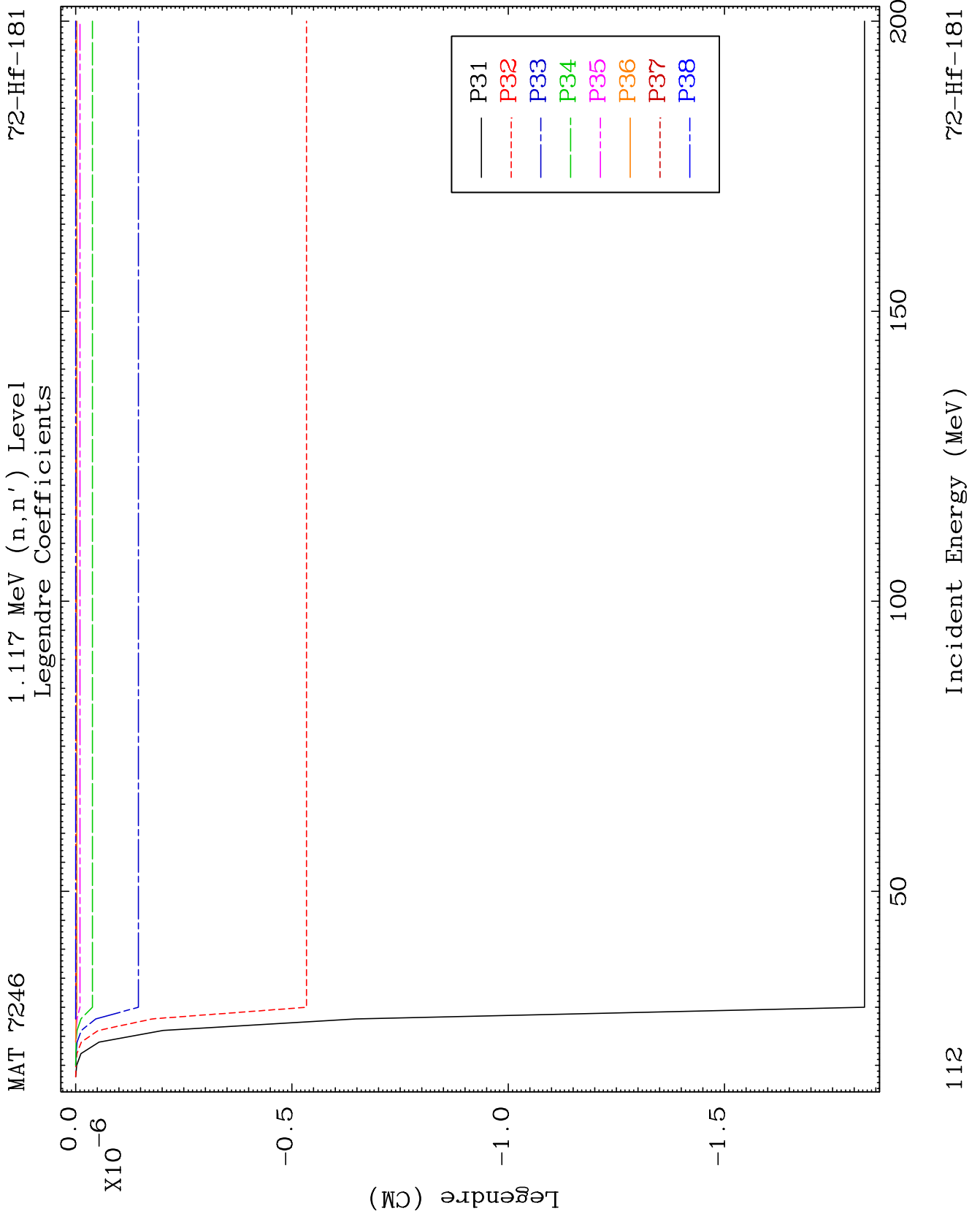


72-Hf-181

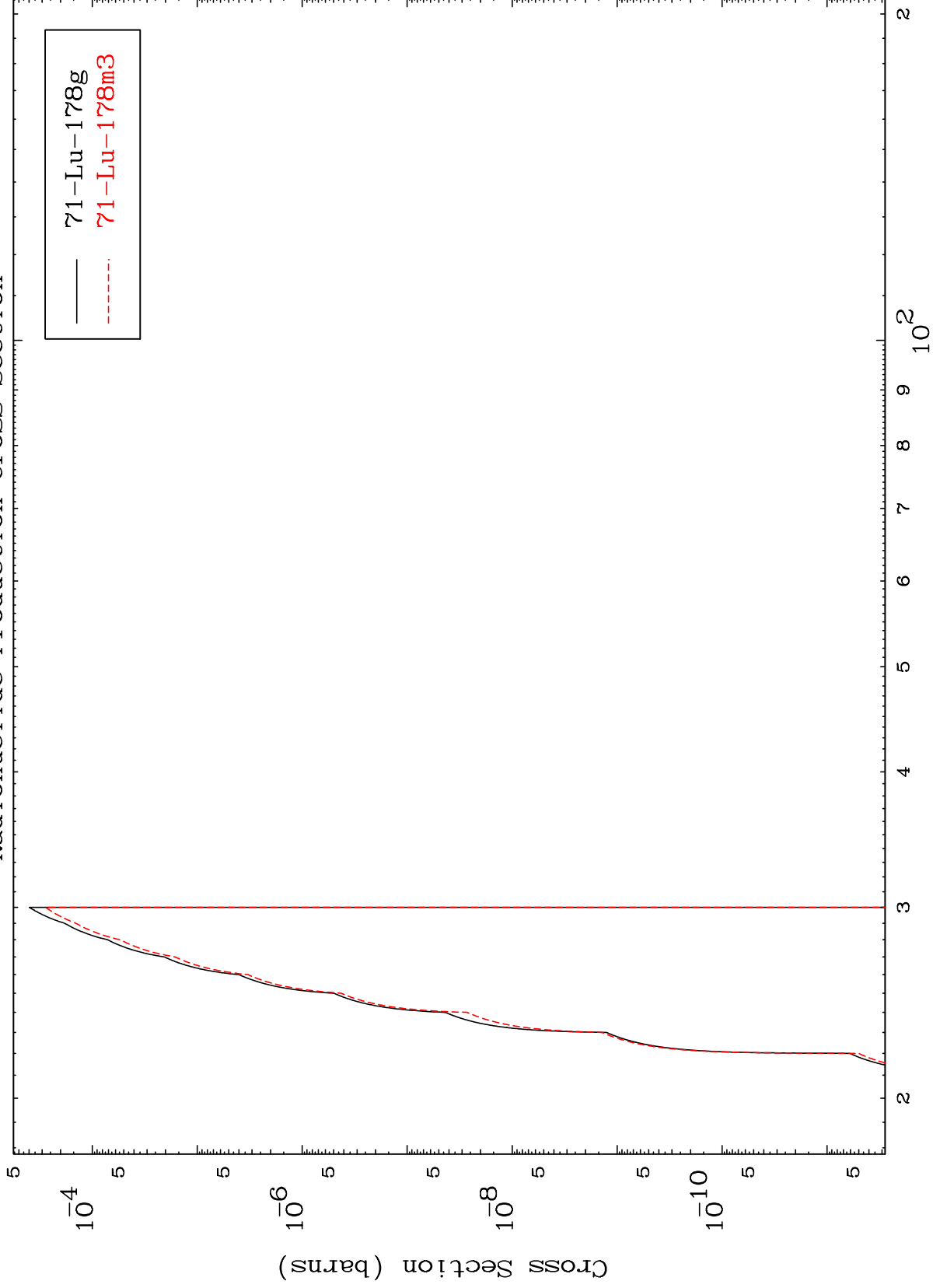
Incident Energy (MeV)

110





Radionuclide Production Cross Section

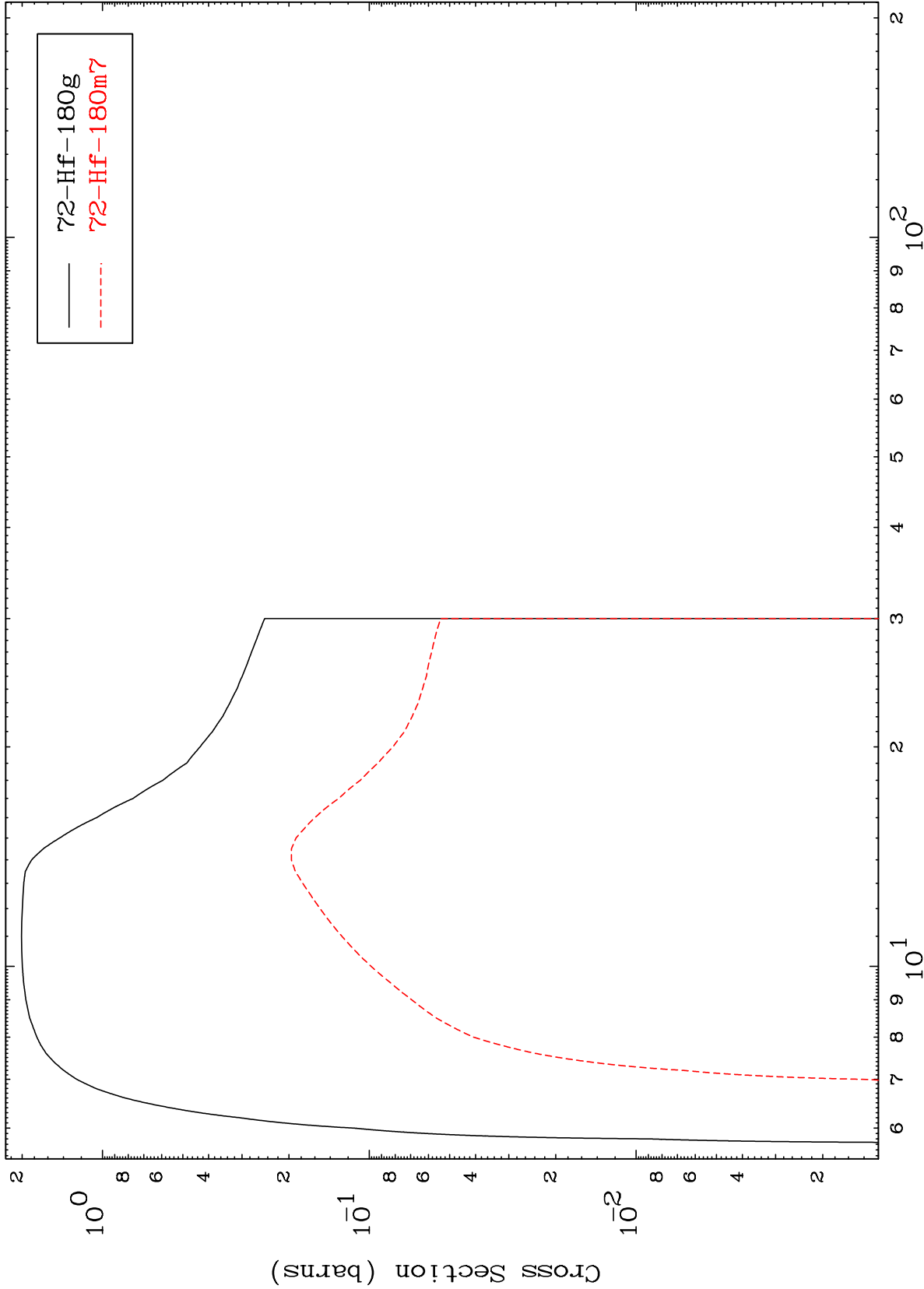


MAT 7246

(n,2n)

72-Hf-181

Radionuclide Production Cross Section



114

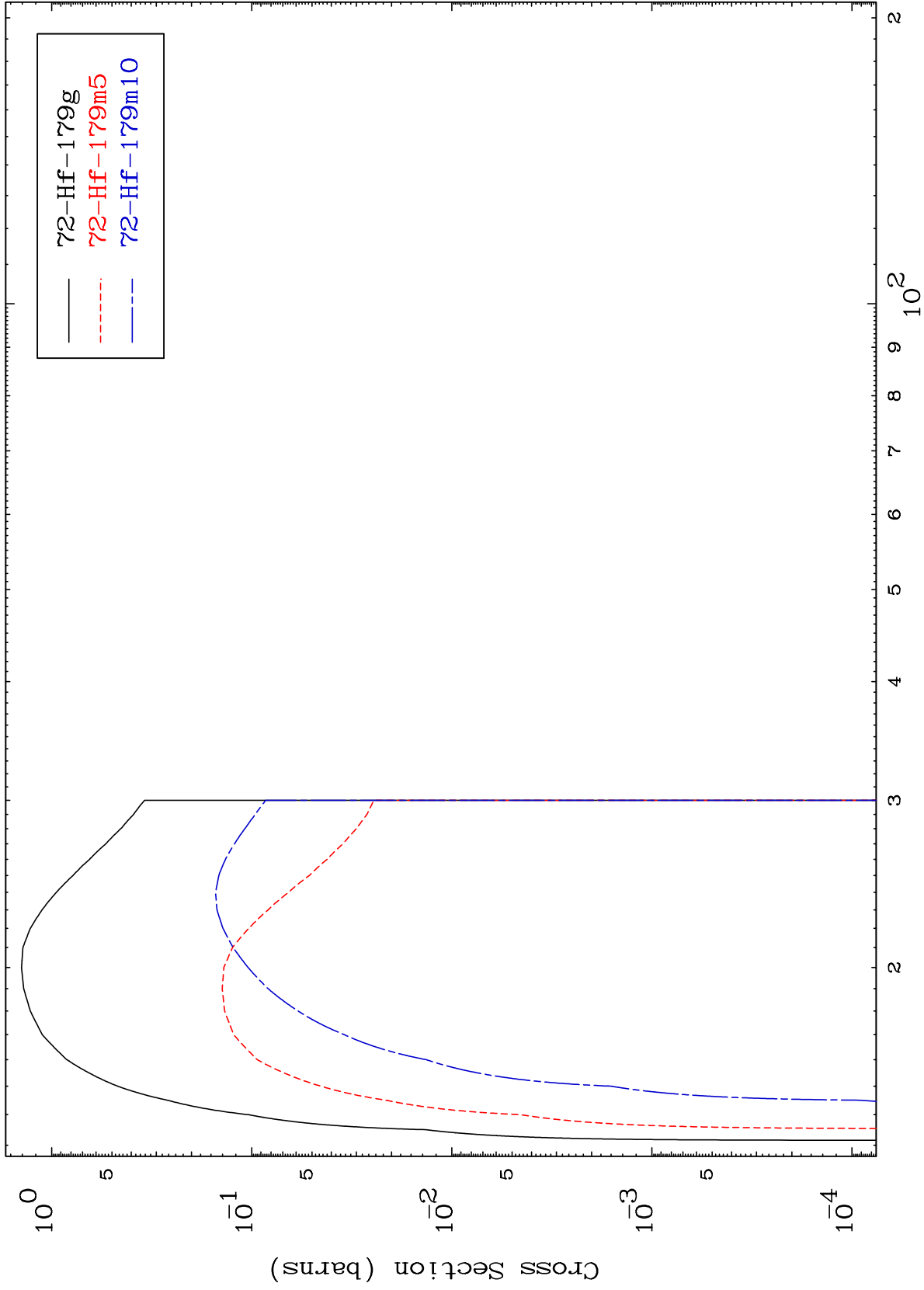
Incident Energy (MeV)

72-Hf-181

MAT 7246

72-Hf-181

(n,3n)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

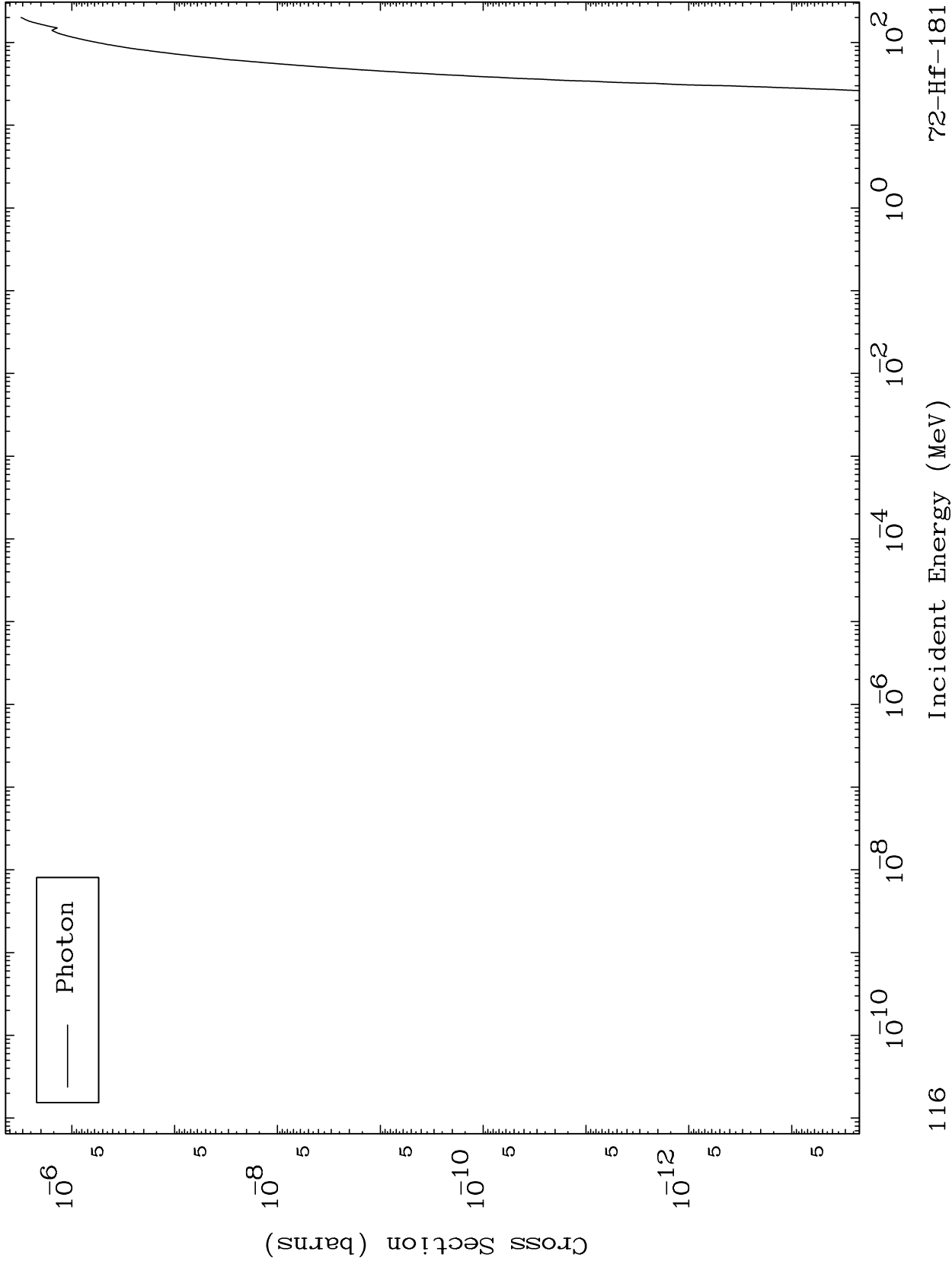
72-Hf-181

MAT 7246

Fission

72-Hf-181

Radionuclide Production Cross Section



116

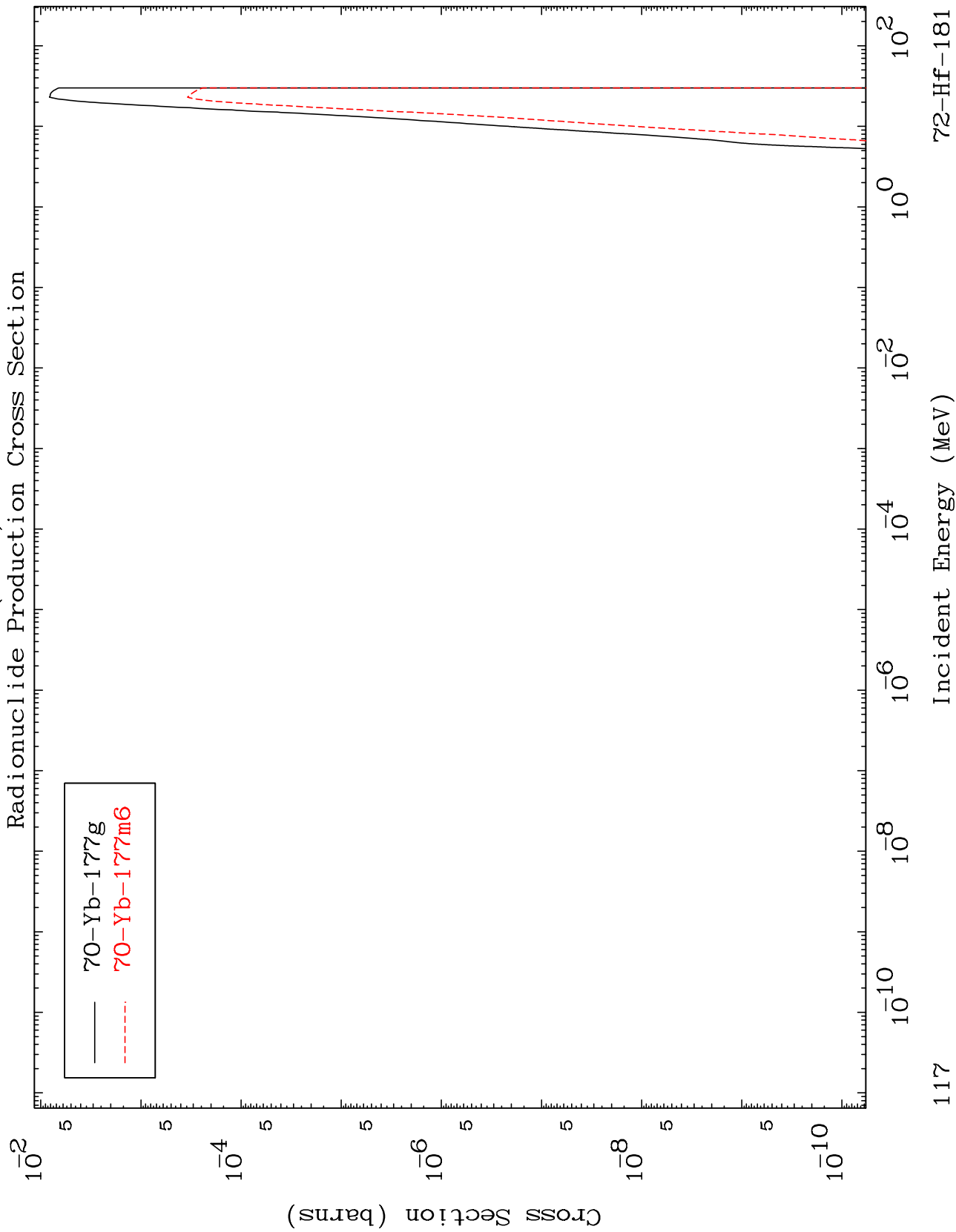
72-Hf-181

MAT 7246

$(n, n') \alpha$

72-Hf-181

Radionuclide Production Cross Section

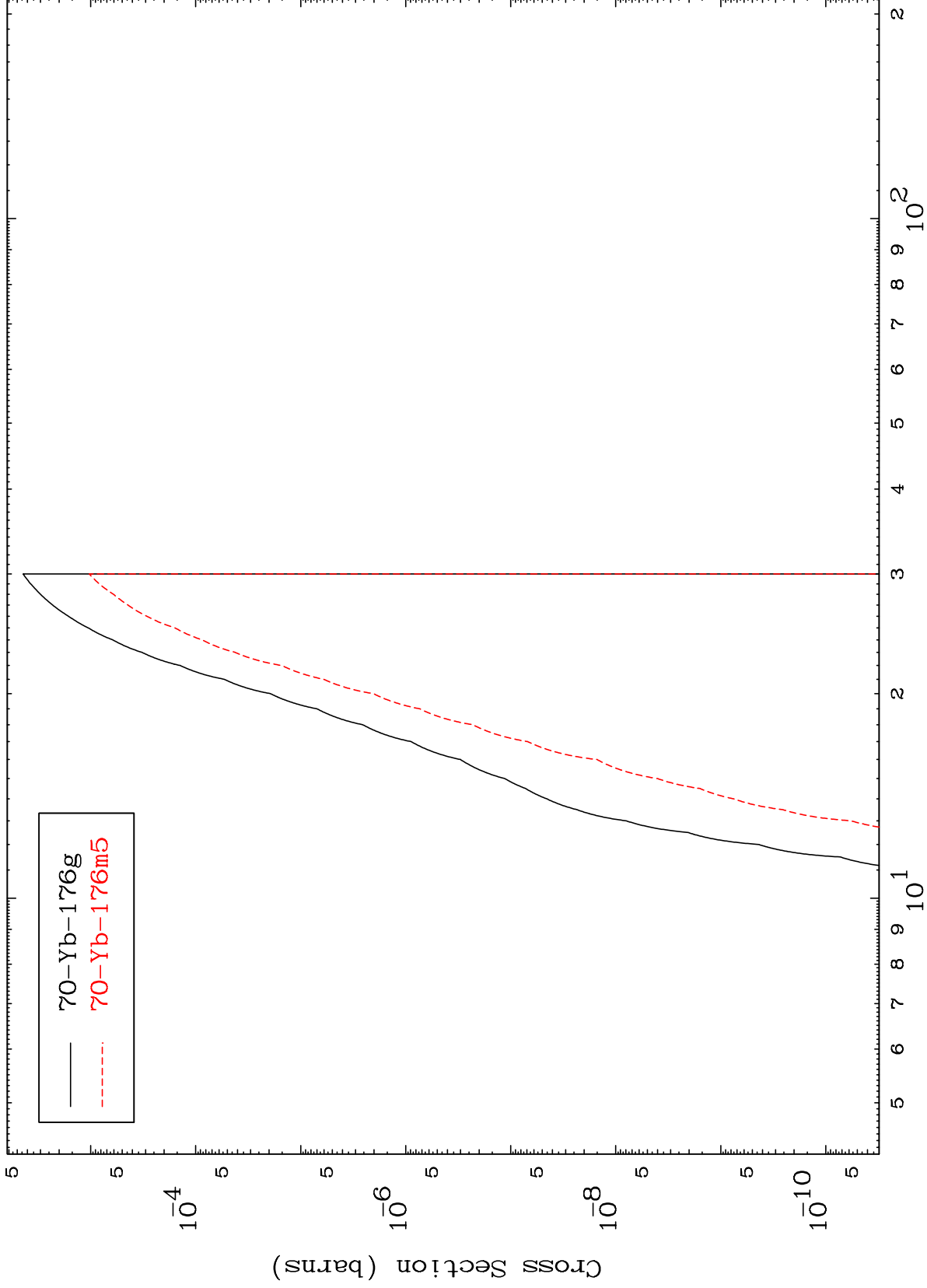


MAT 7246

$(n, 2n) \alpha$

72-Hf-181

Radionuclide Production Cross Section

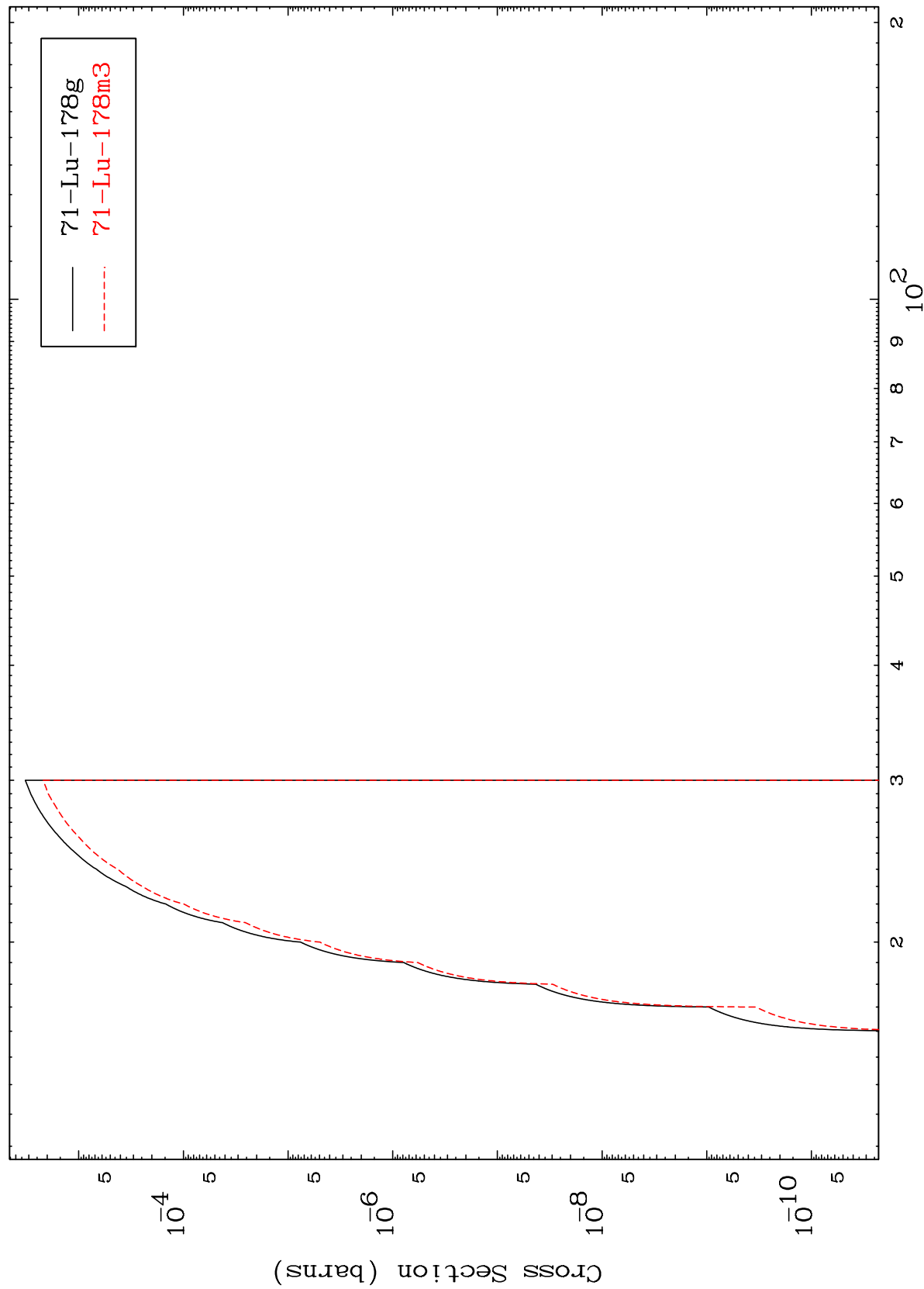


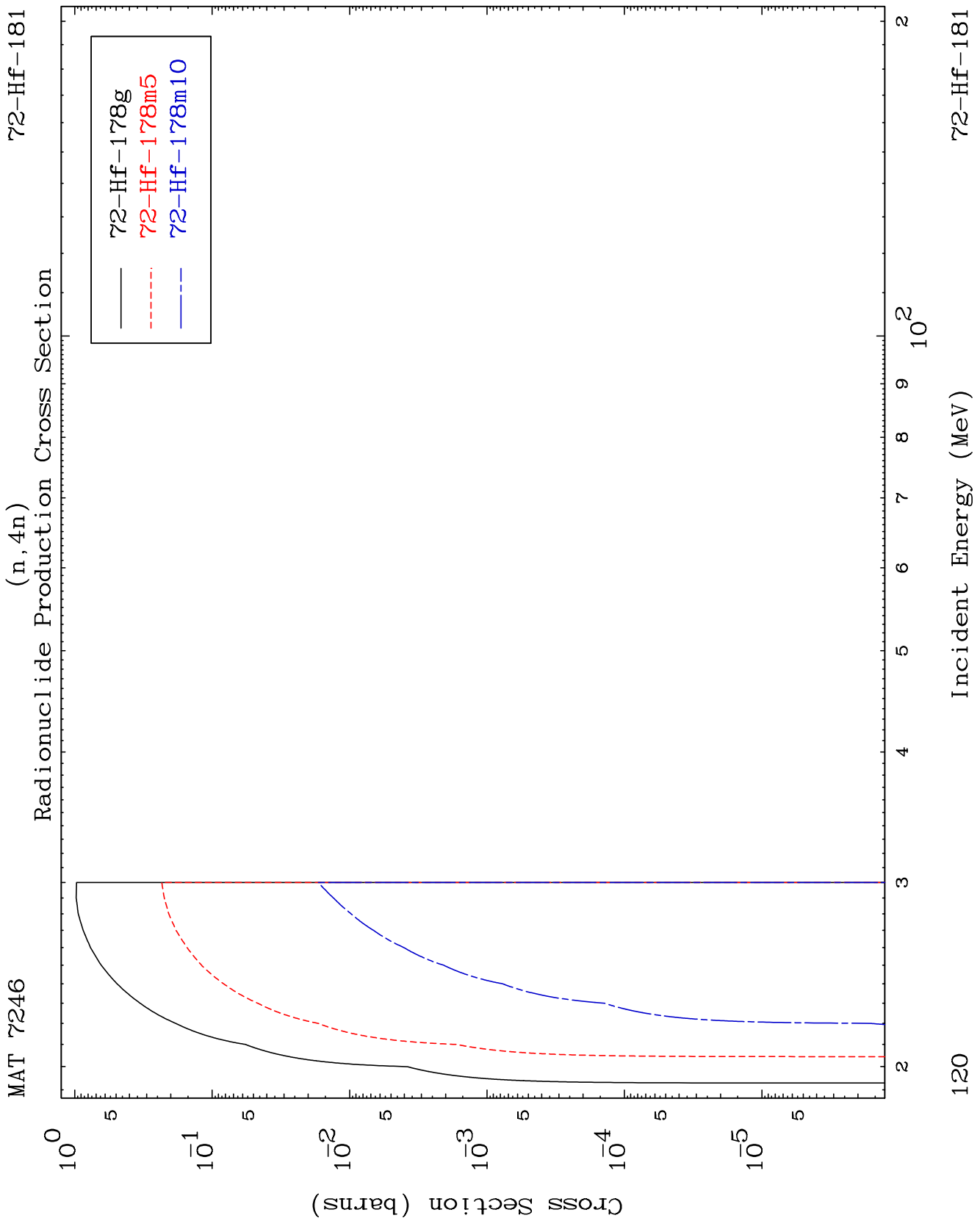
Incident Energy (MeV)

72-Hf-181

118

Radionuclide Production Cross Section



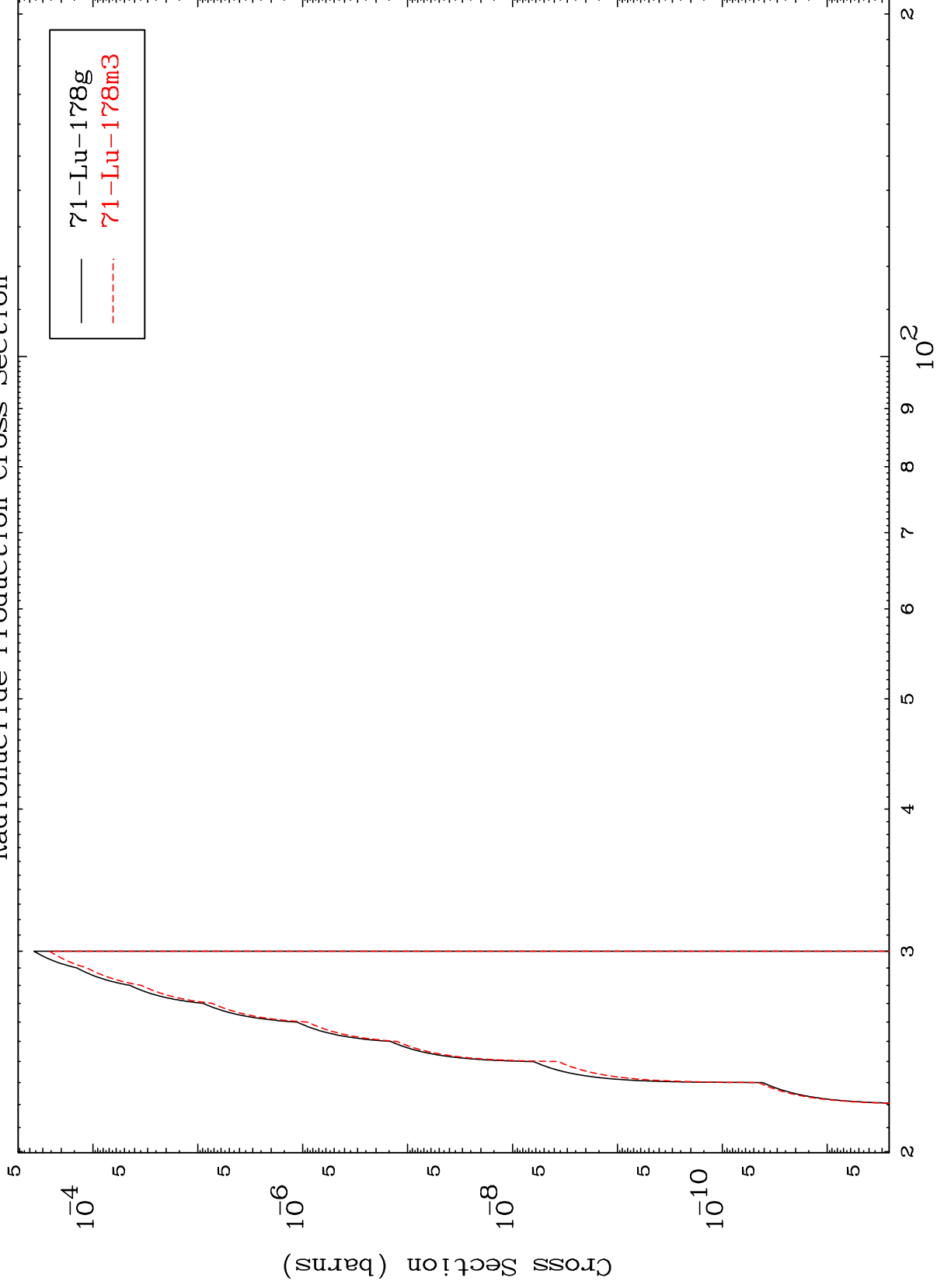


MAT 7246

(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)

