

Program EVALPLOT
(Version 2015-2)

by

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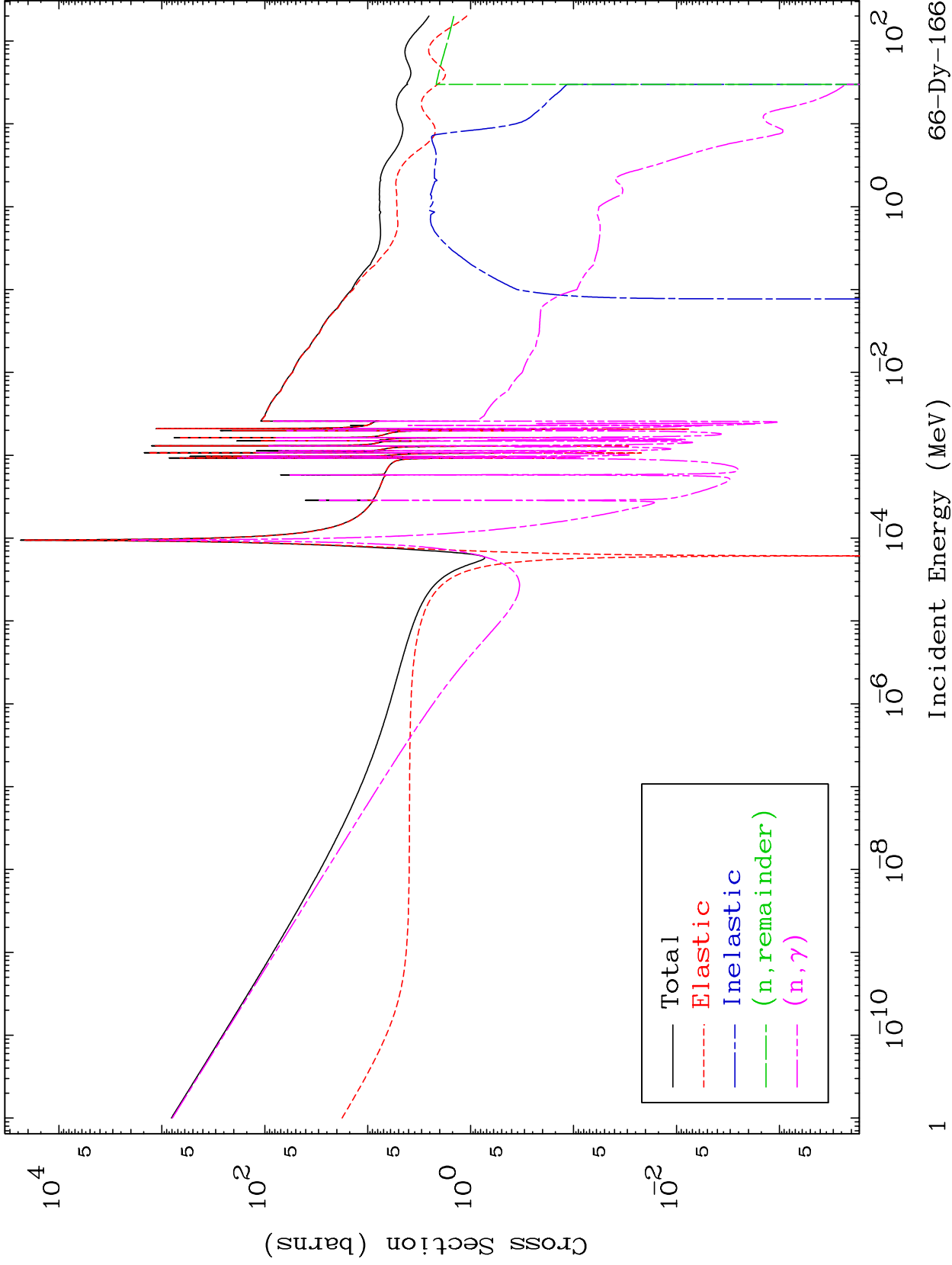
Press Mouse Button to Start

MAT 6655

Major

293 Kelvin Cross Sections

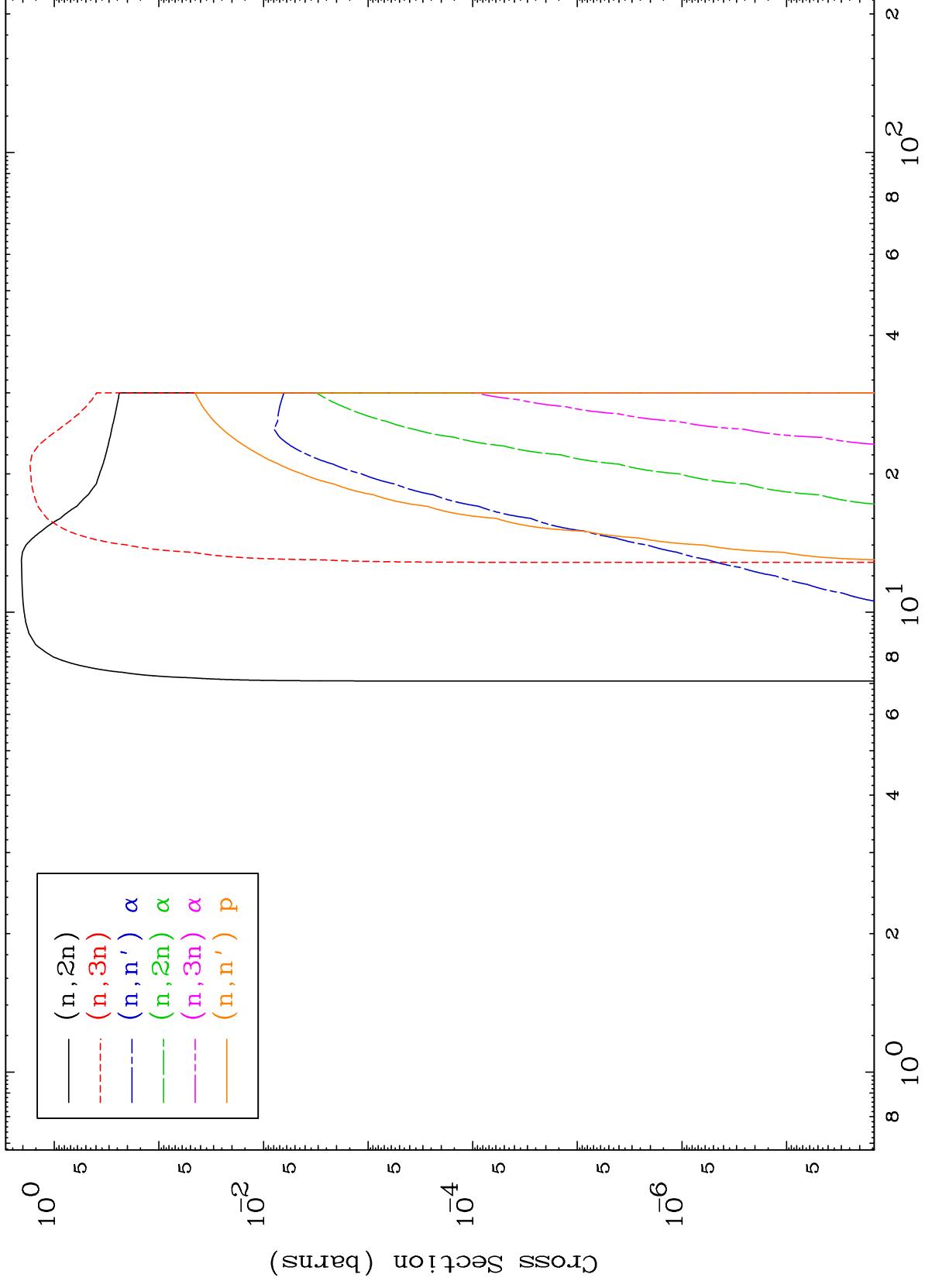
66-Dy-166



MAT 6655

Neutron Production
293 Kelvin Cross Sections

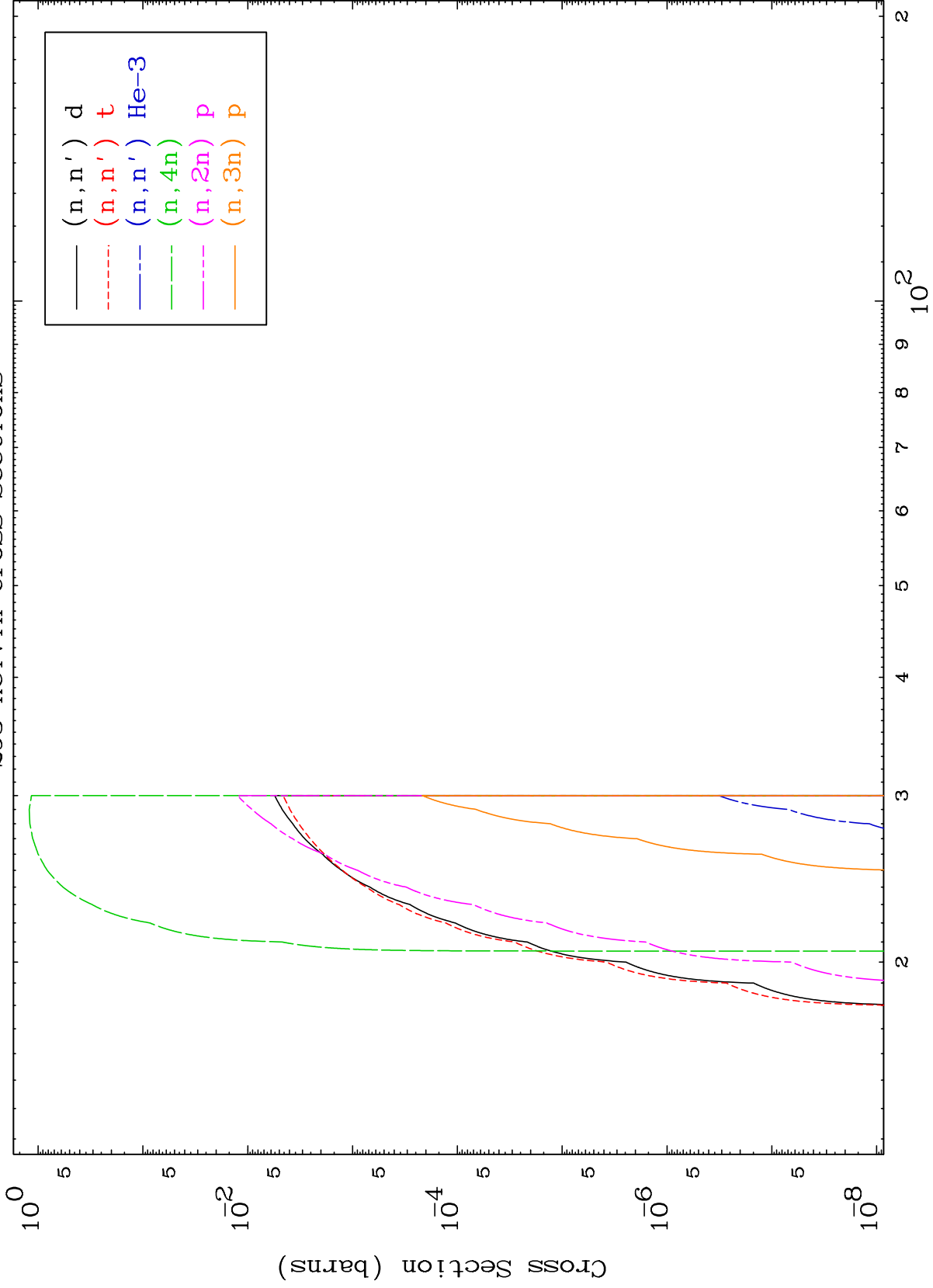
66-Dy-166



2

Incident Energy (MeV)

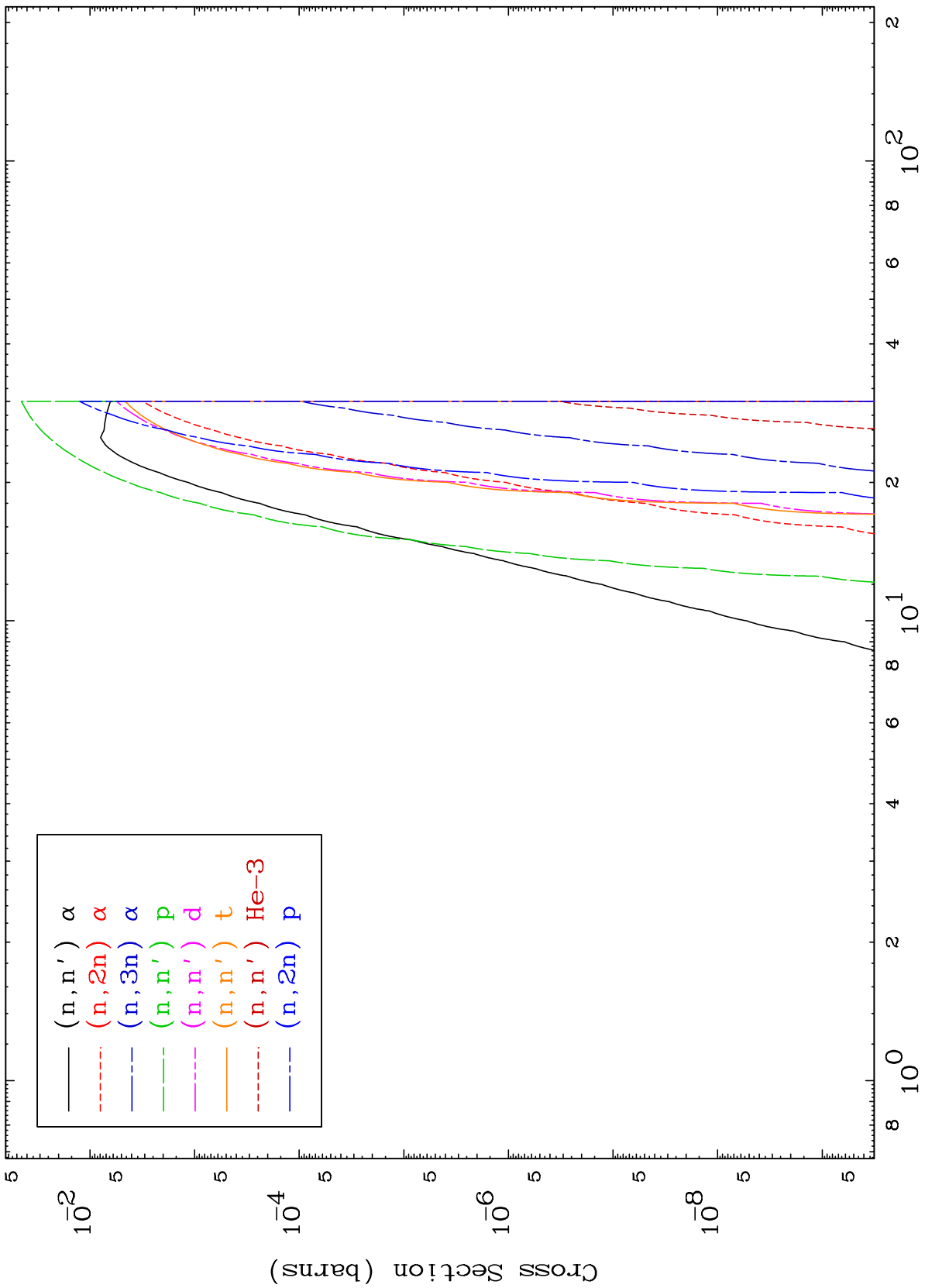
66-Dy-166



MAT 6655

Charged Particle
293 Kelvin Cross Sections

66-Dy-166



4

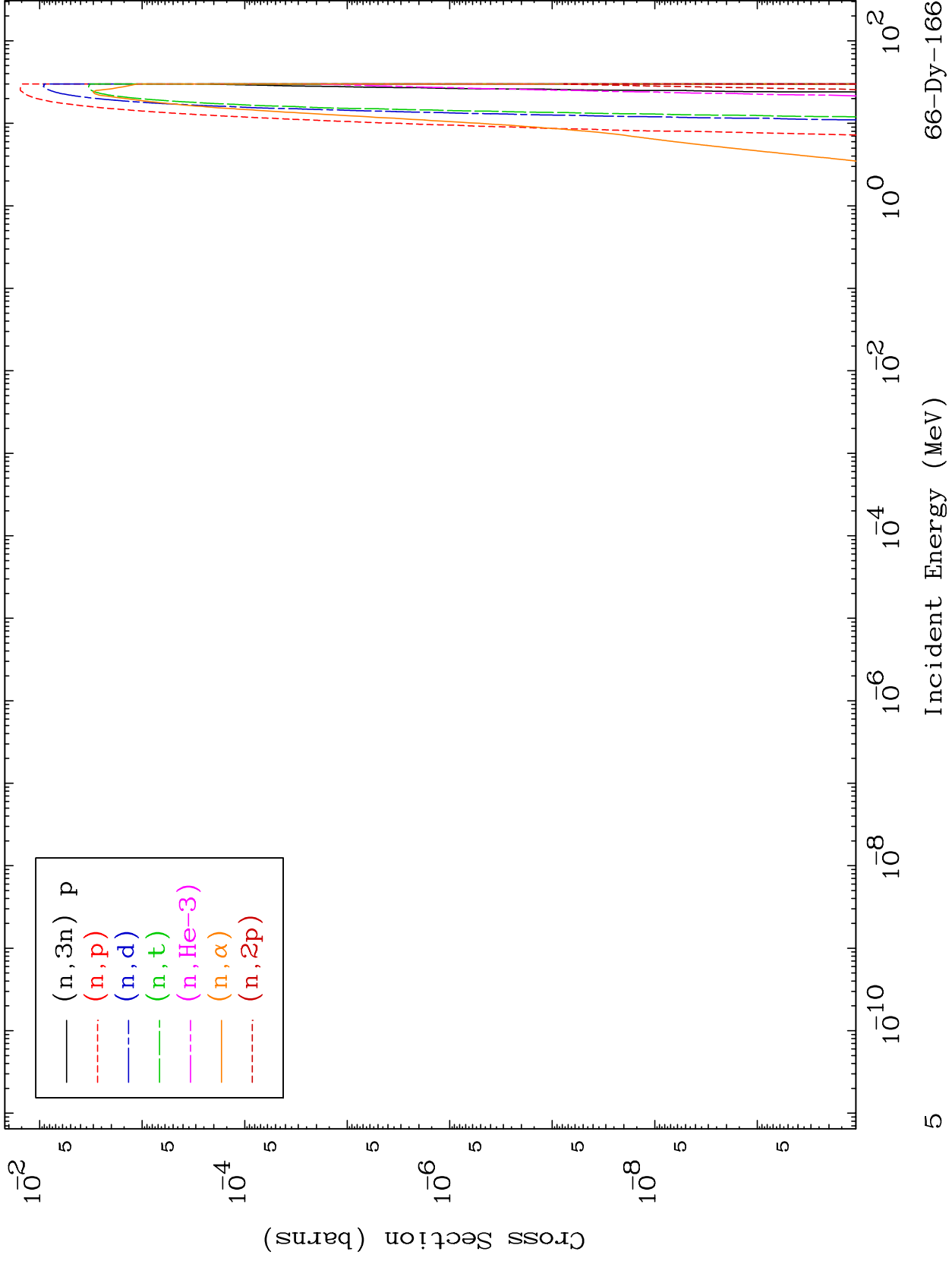
Incident Energy (MeV)

66-Dy-166

MAT 6655

Charged Particle
293 Kelvin Cross Sections

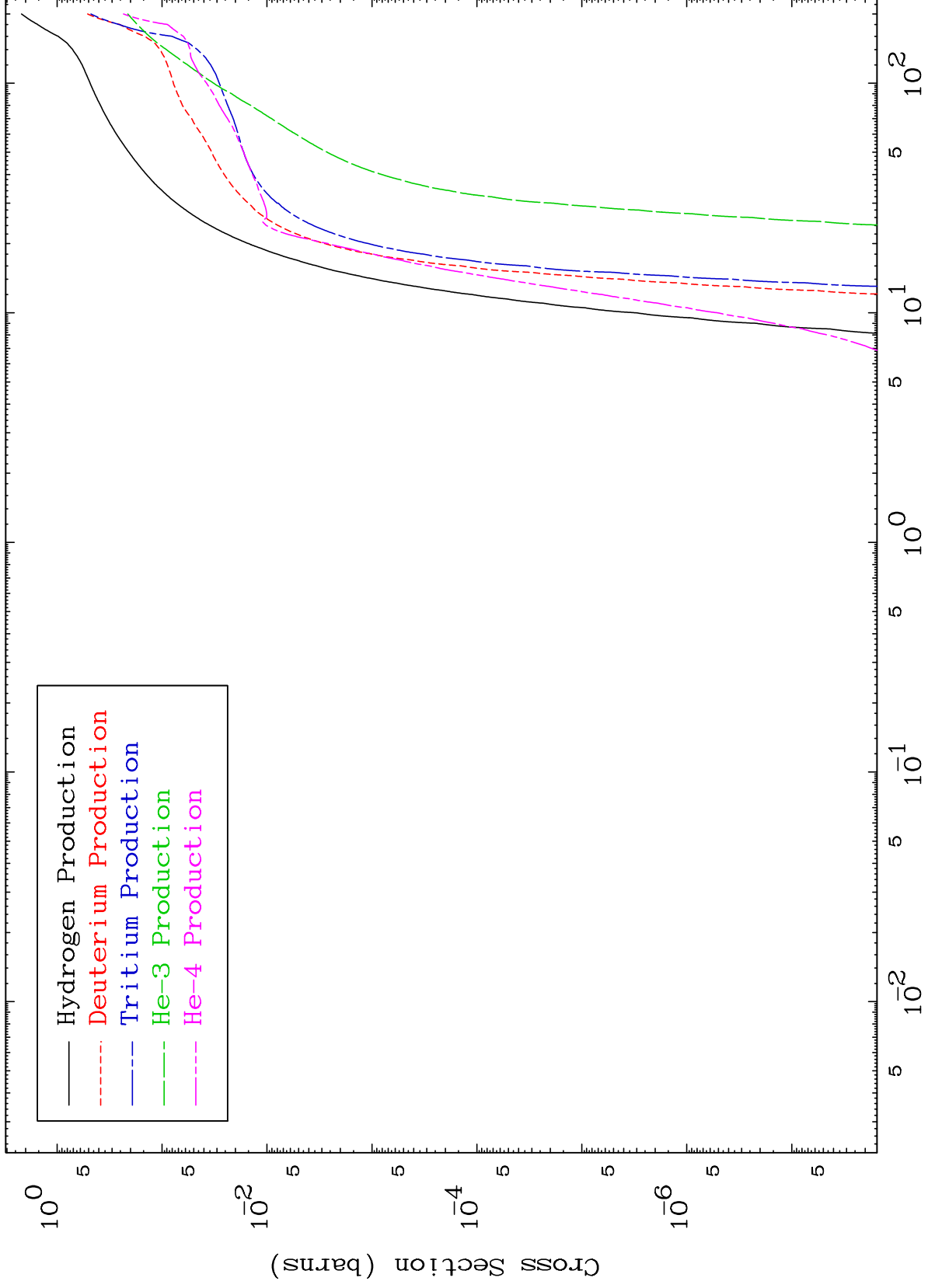
66-Dy-166



MAT 6655

Particle Production
293 Kelvin Cross Sections

66-Dy-166



6

Incident Energy (MeV)

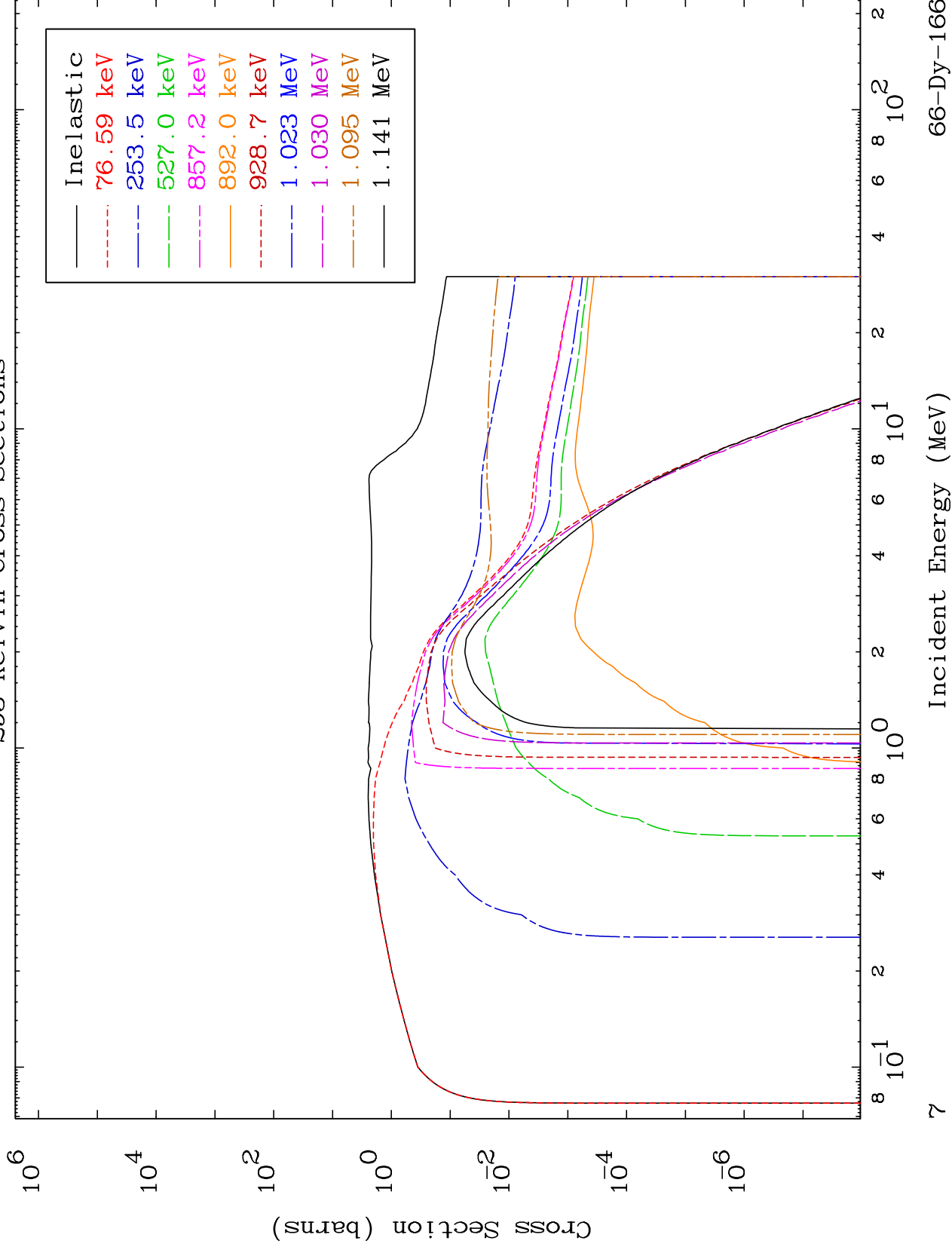
66-Dy-166

MAT 6655

(n,n') Level

66-Dy-166

293 Kelvin Cross Sections



7

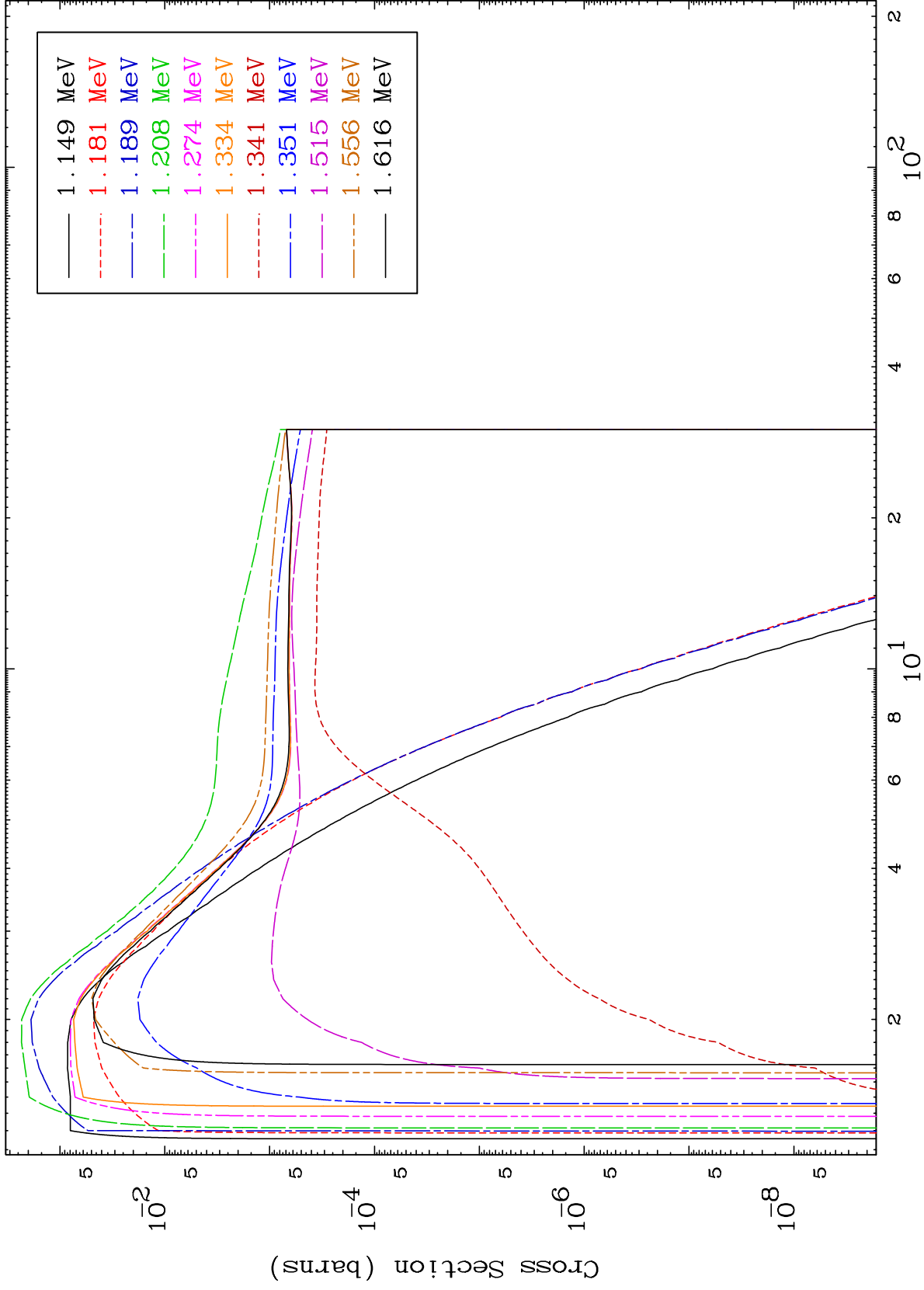
Incident Energy (MeV)

66-Dy-166

MAT 6655

(n,n') Level
293 Kelvin Cross Sections

66-Dy-166

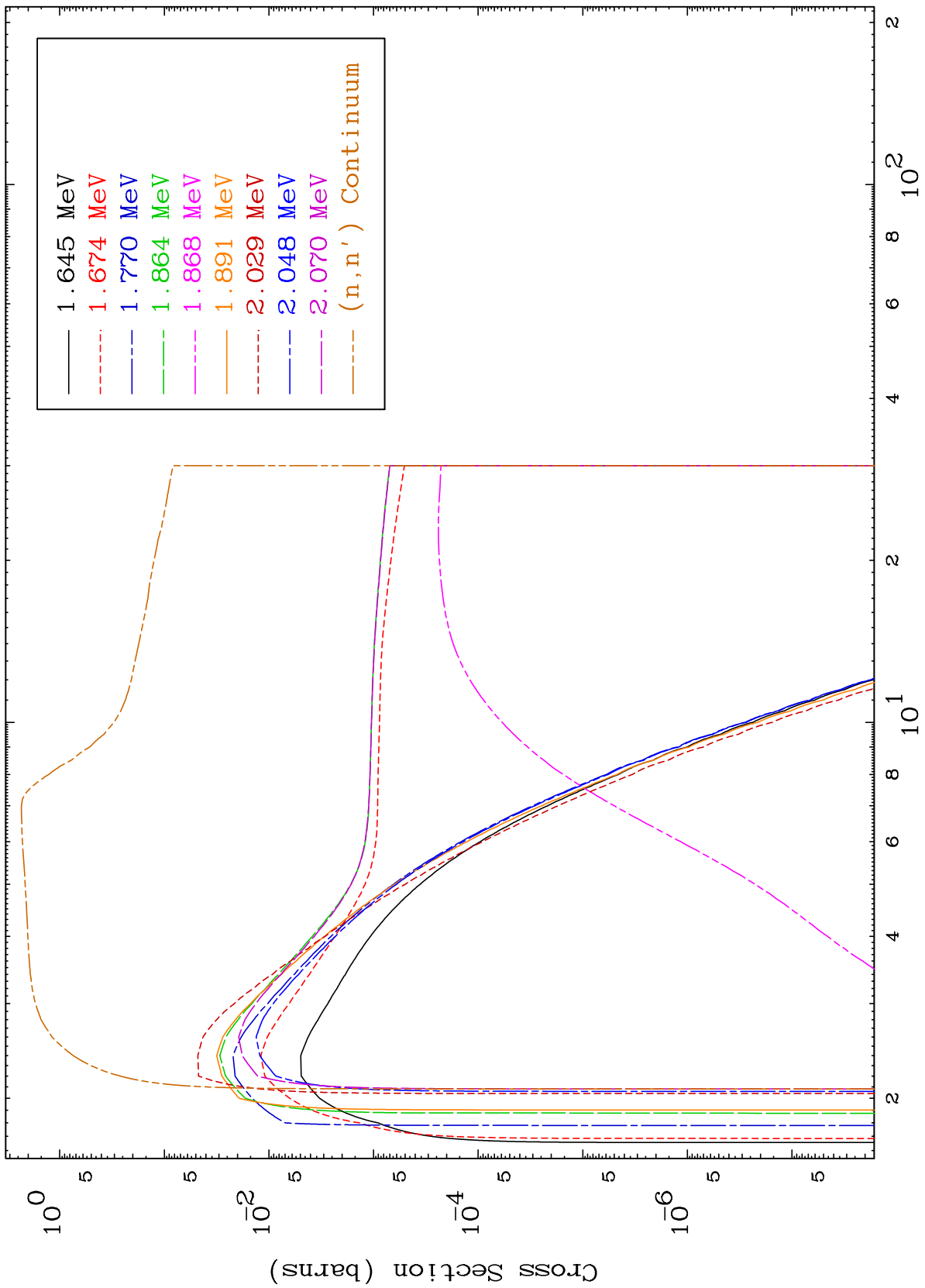


8

Incident Energy (MeV)

66-Dy-166

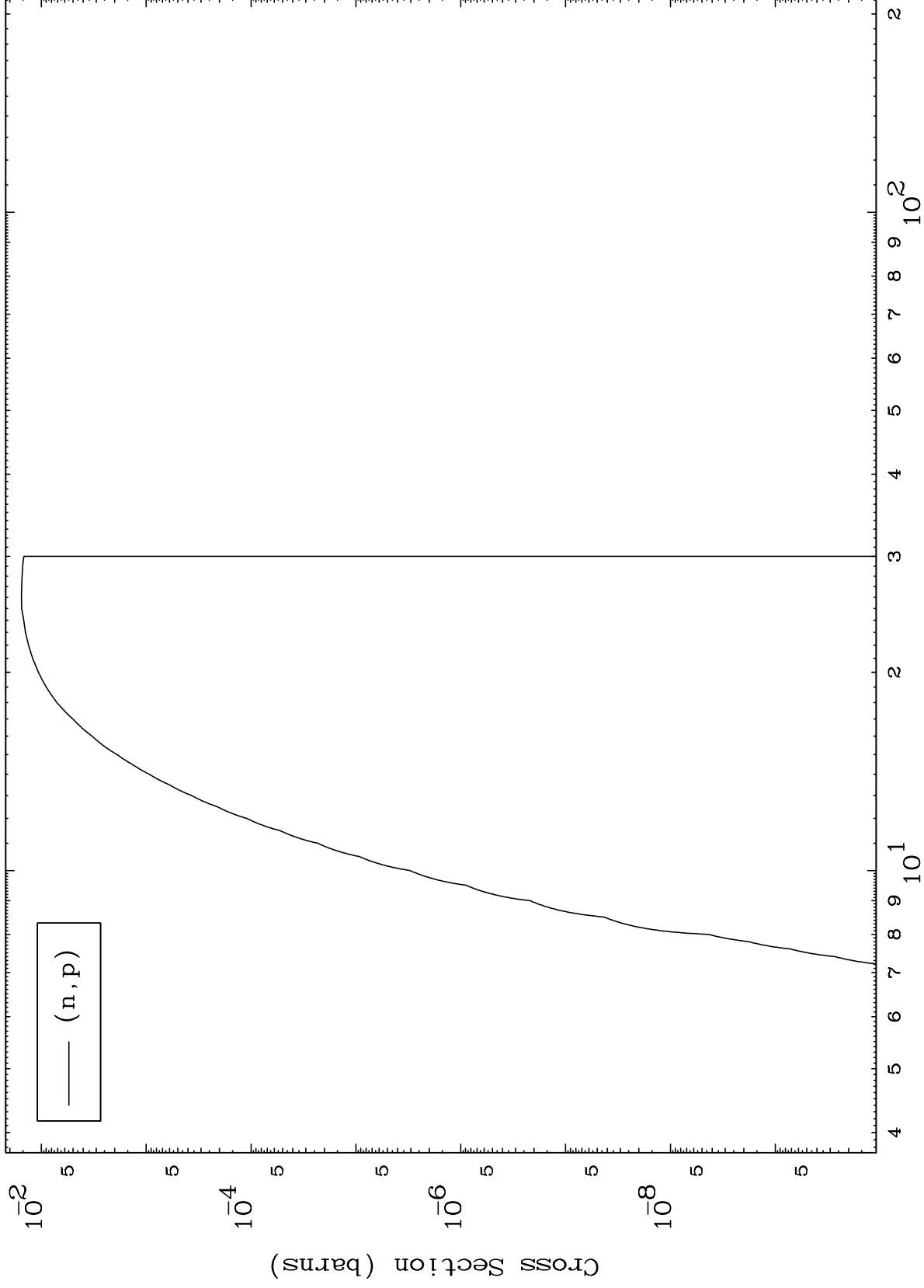
293 Kelvin Cross Sections



MAT 6655

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-166



10

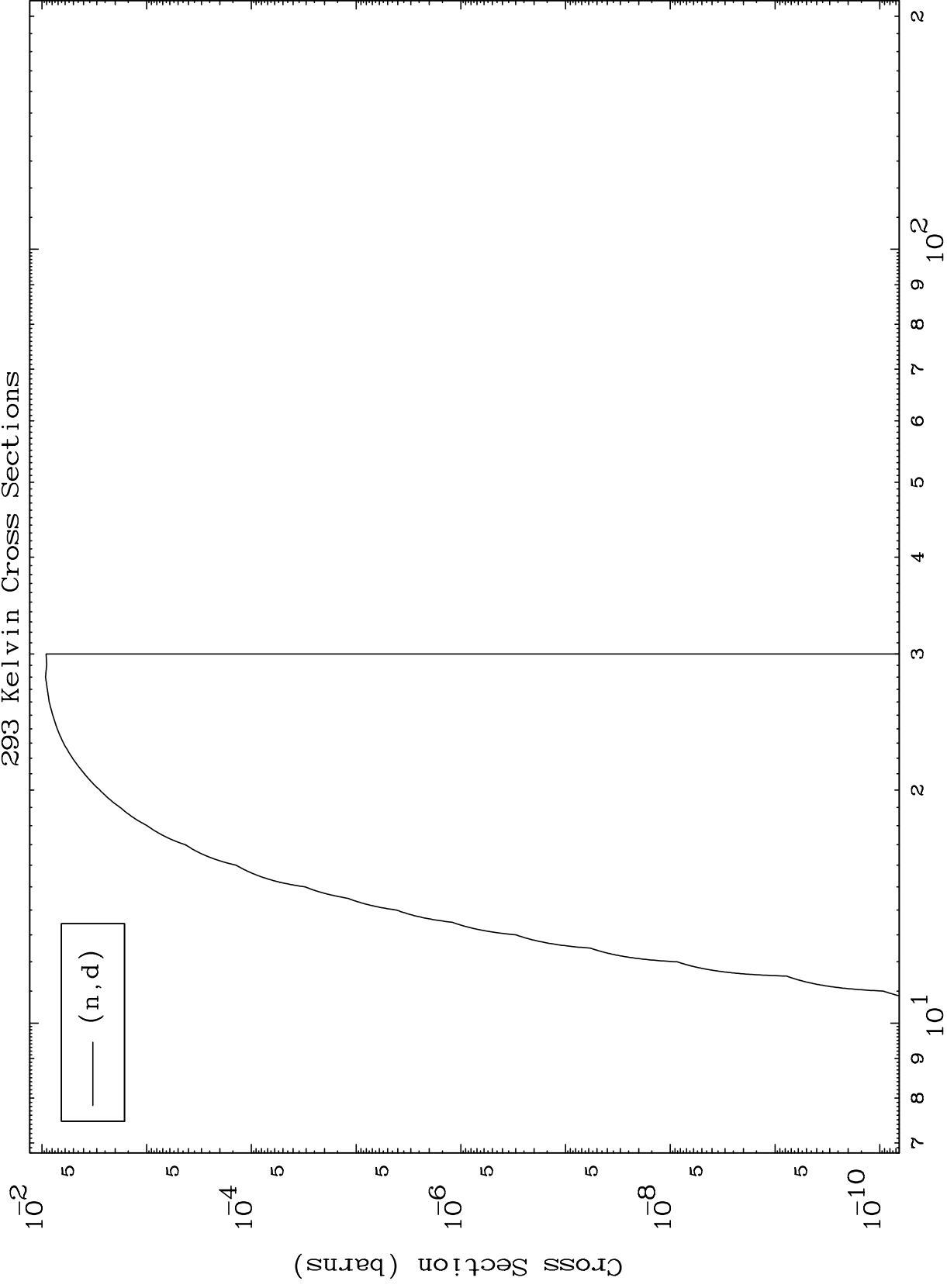
Incident Energy (MeV)

66-Dy-166

MAT 6655

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-166



11

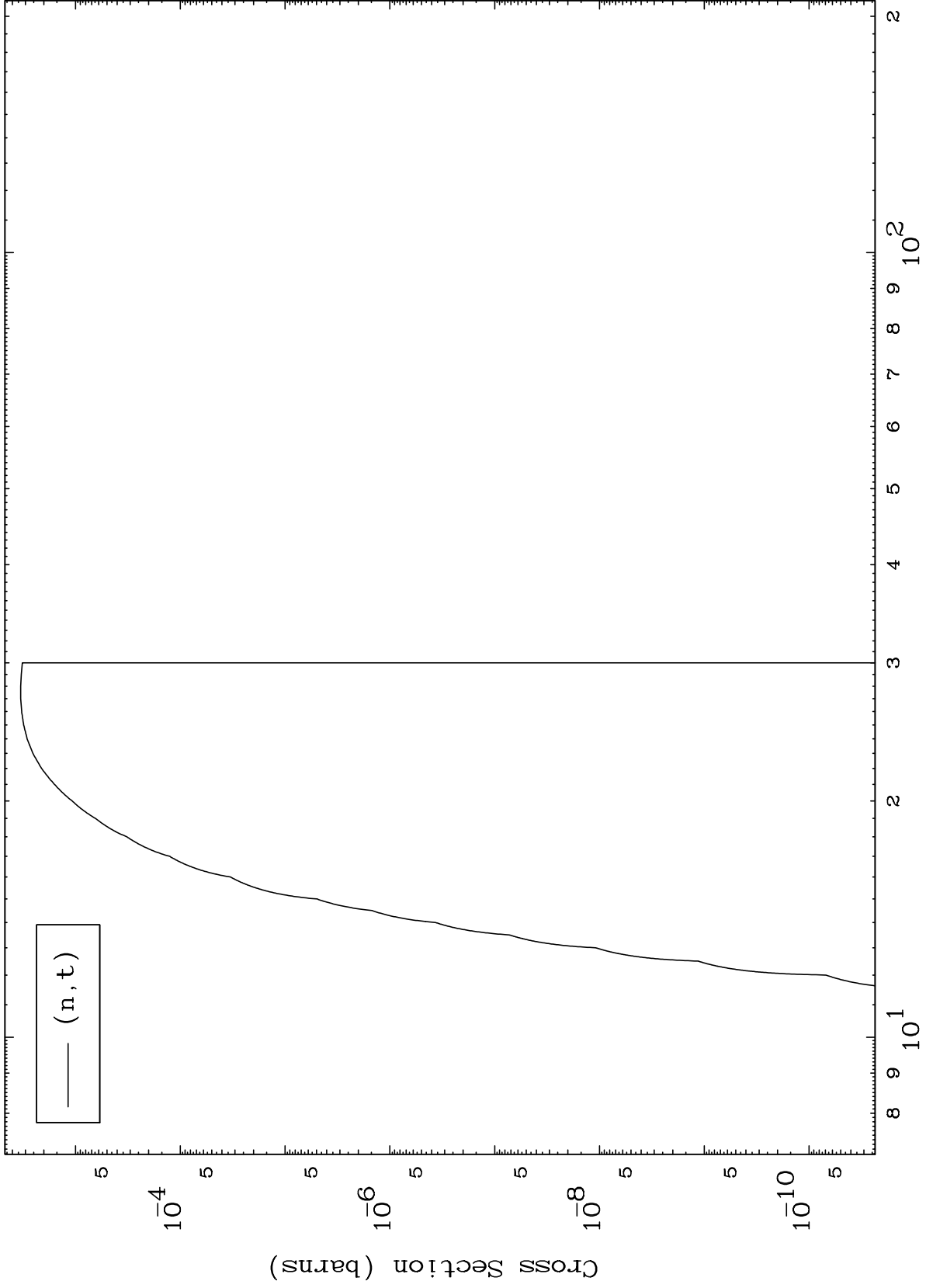
Incident Energy (MeV)

66-Dy-166

MAT 6655

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-166



12

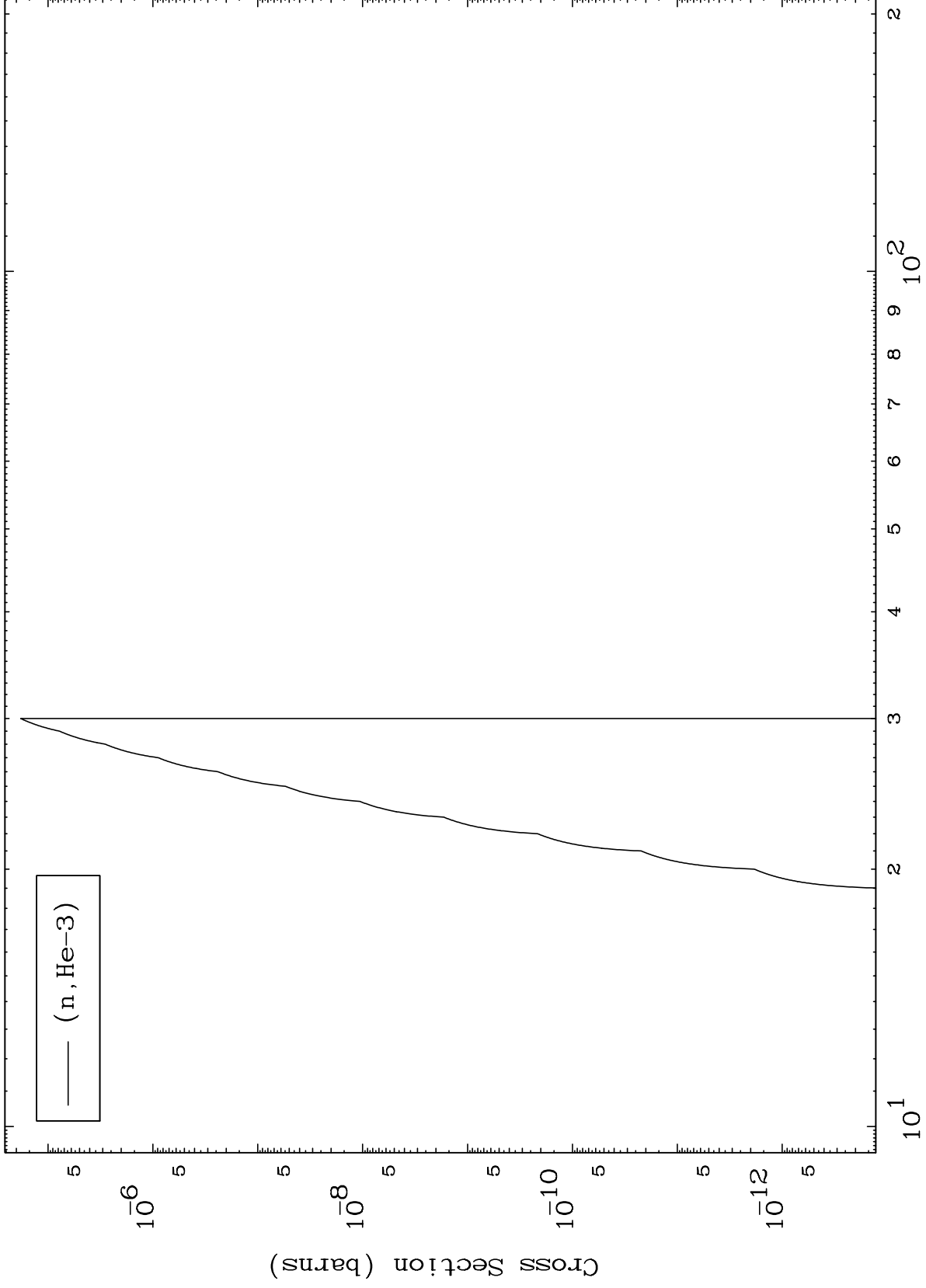
Incident Energy (MeV)

66-Dy-166

MAT 6655

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-166



13

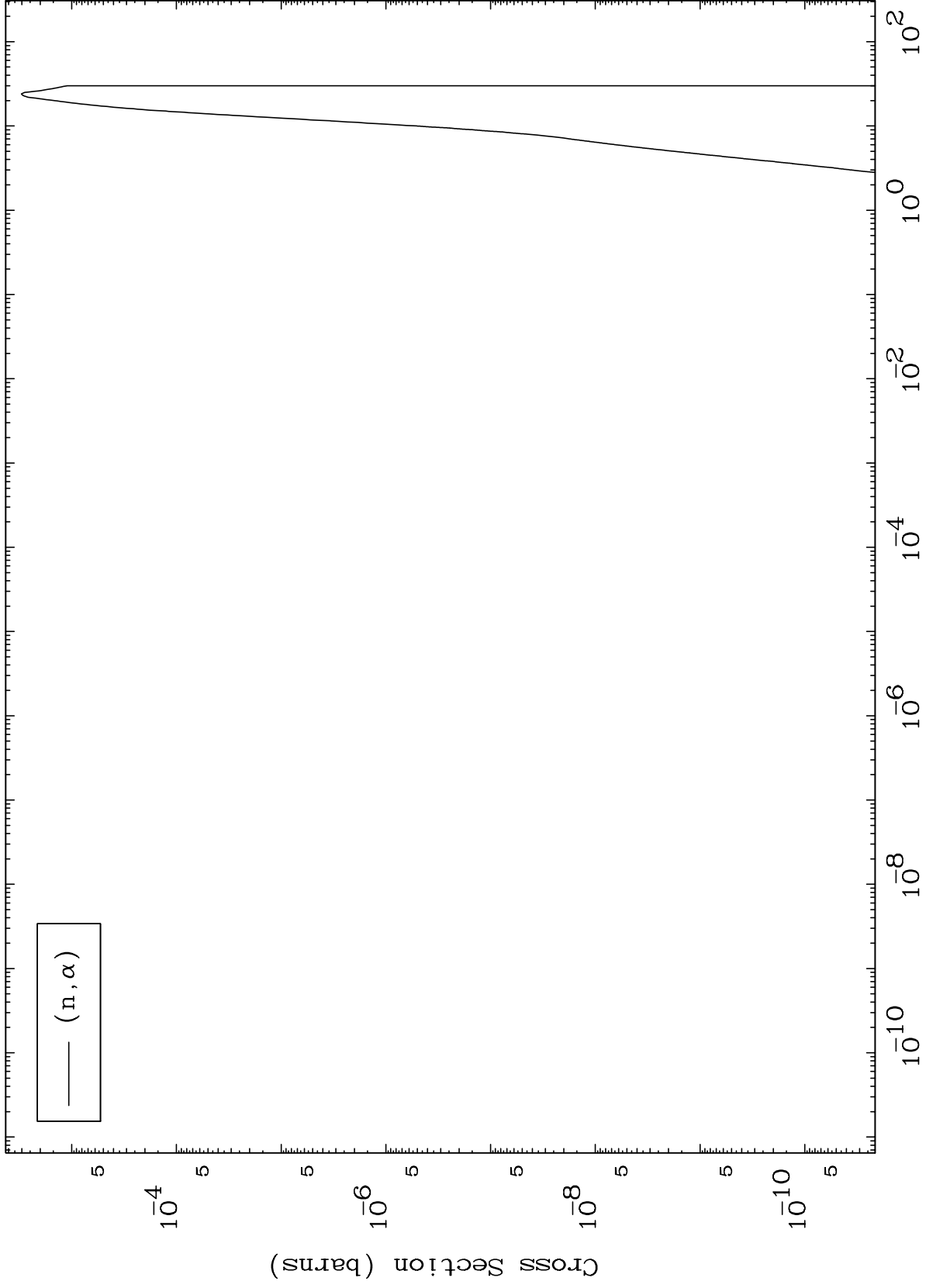
Incident Energy (MeV)

66-Dy-166

MAT 6655

(n, α) Levels
293 Kelvin Cross Sections

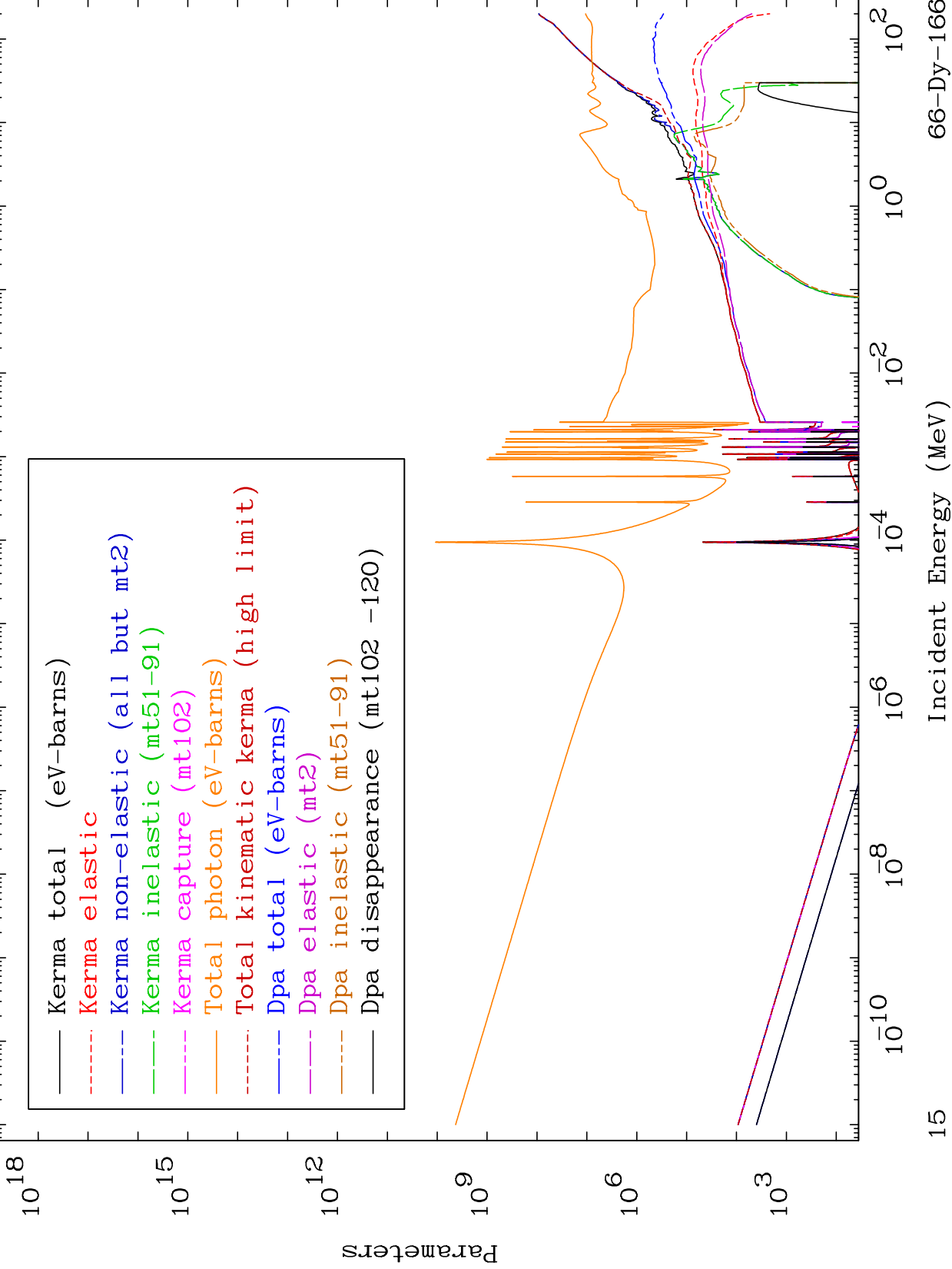
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14

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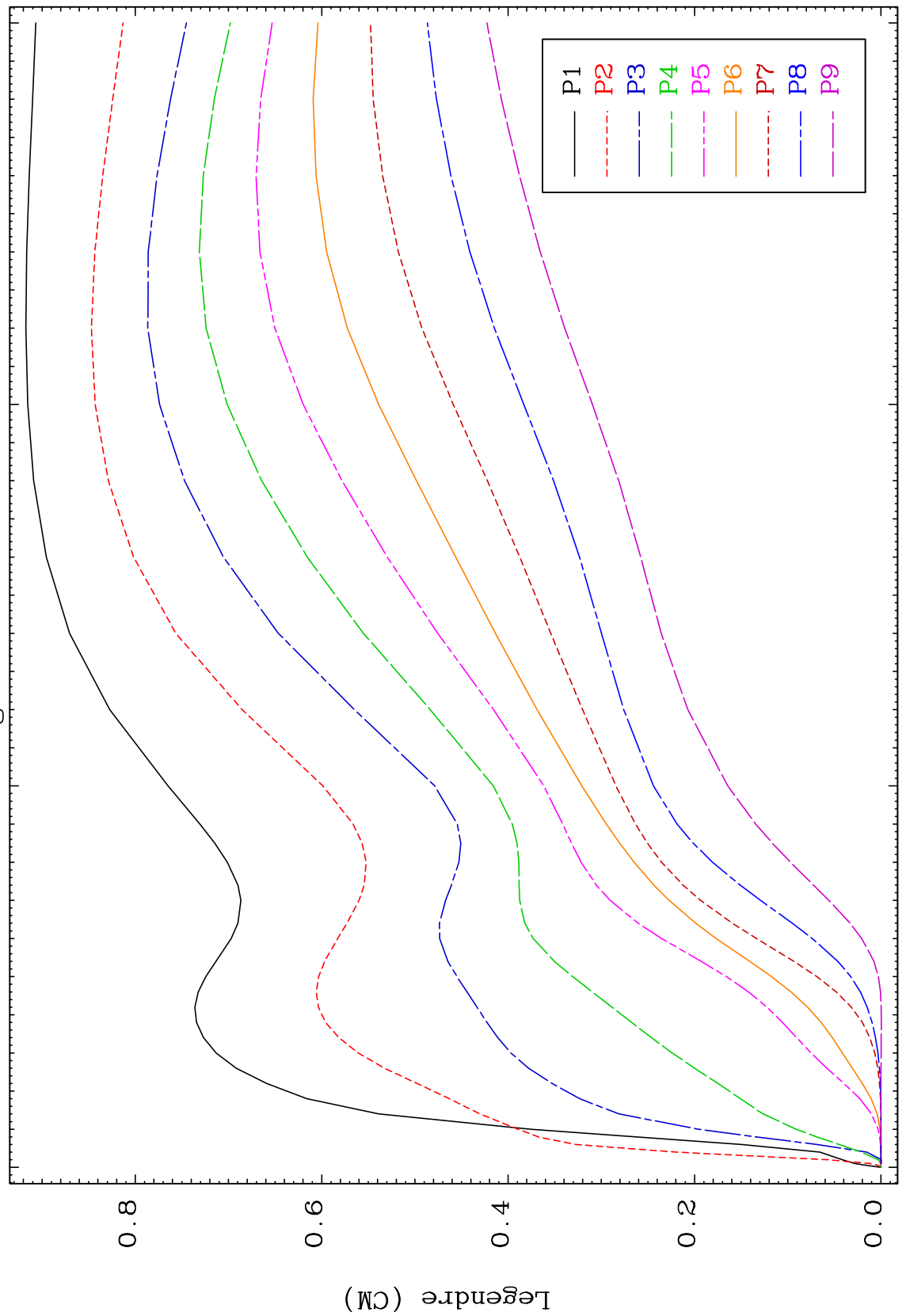
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Elastic Legendre Coefficients

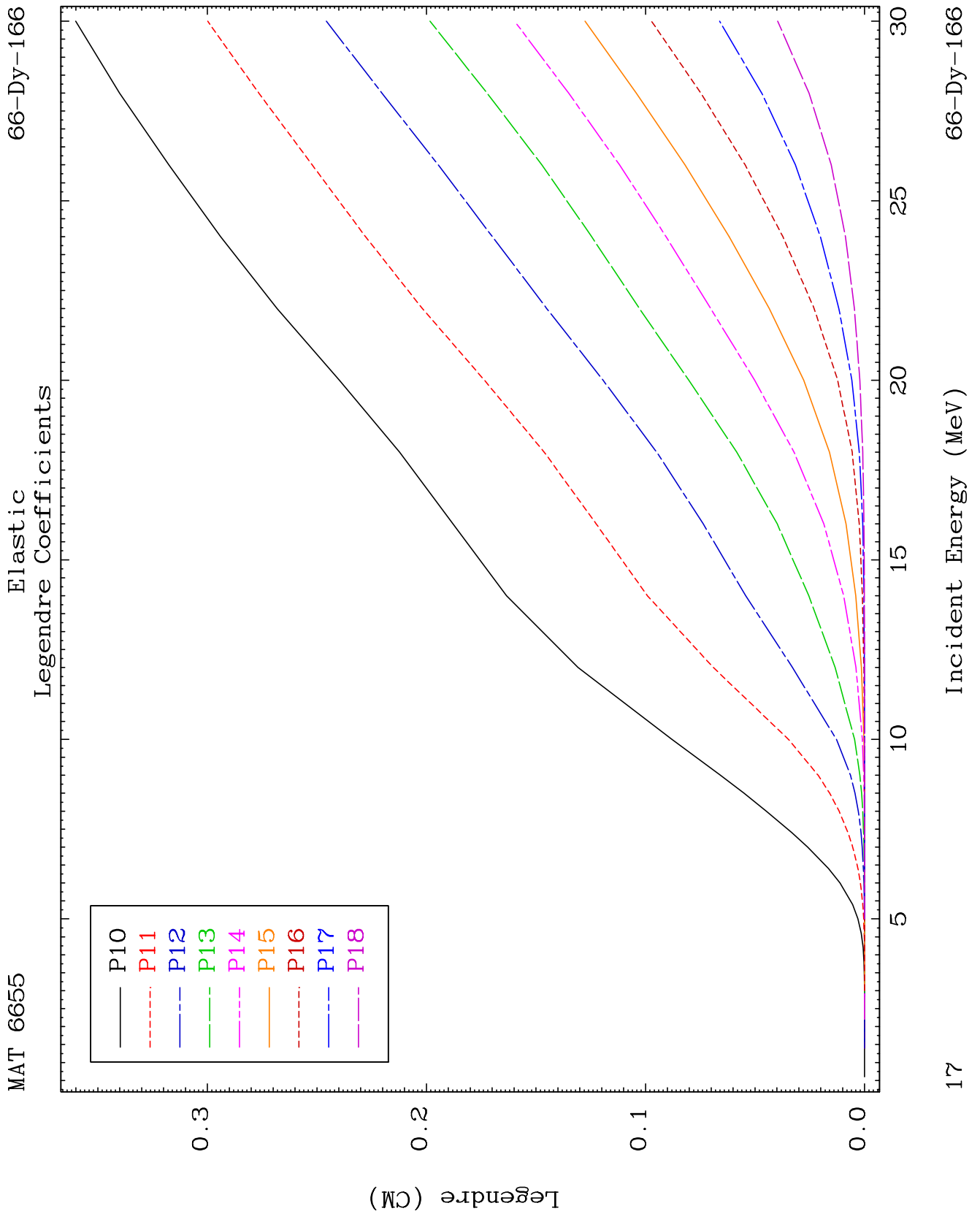
66-Dy-166



16

Incident Energy (MeV)

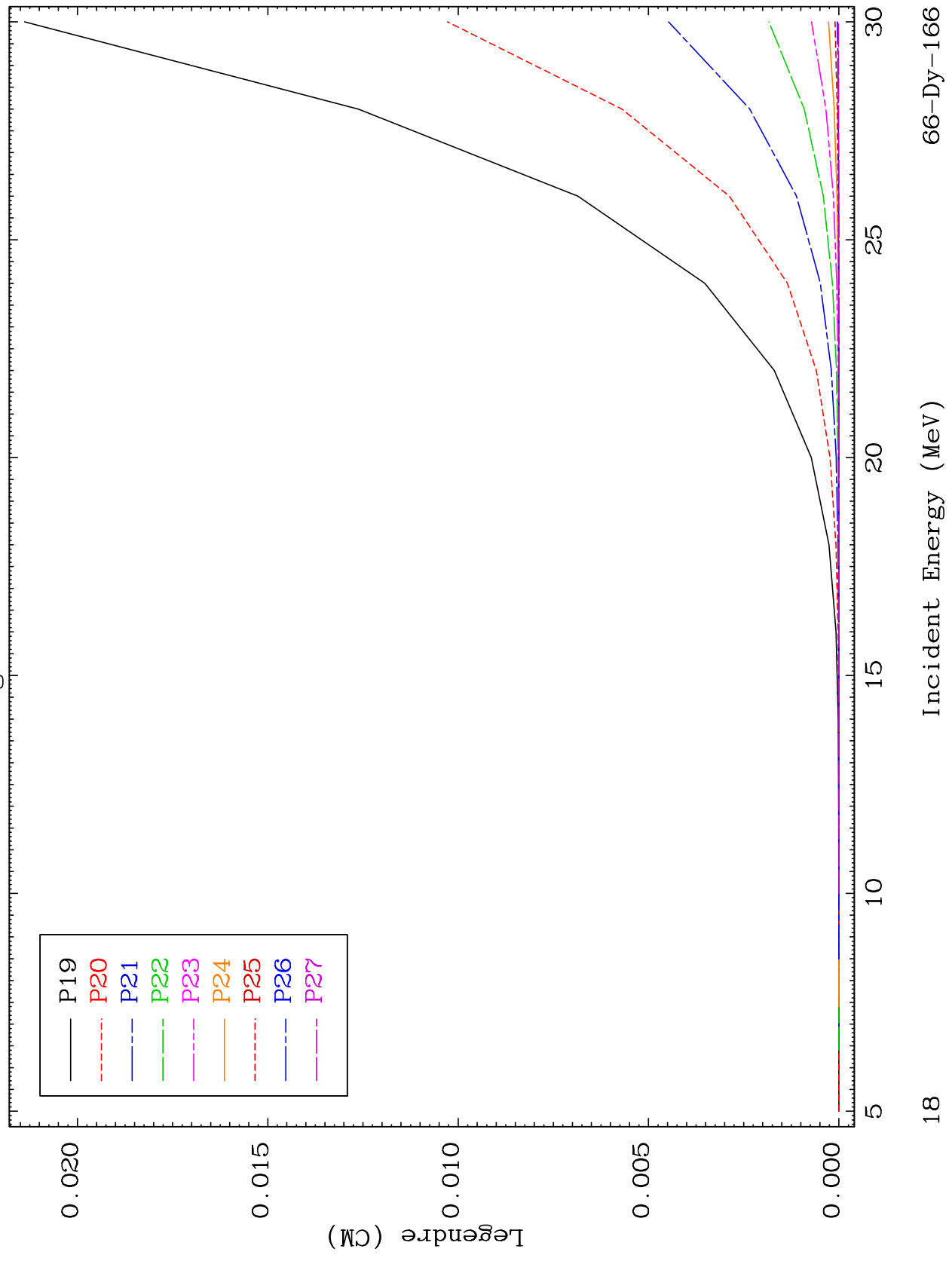
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MAT 6655

Elastic Legendre Coefficients

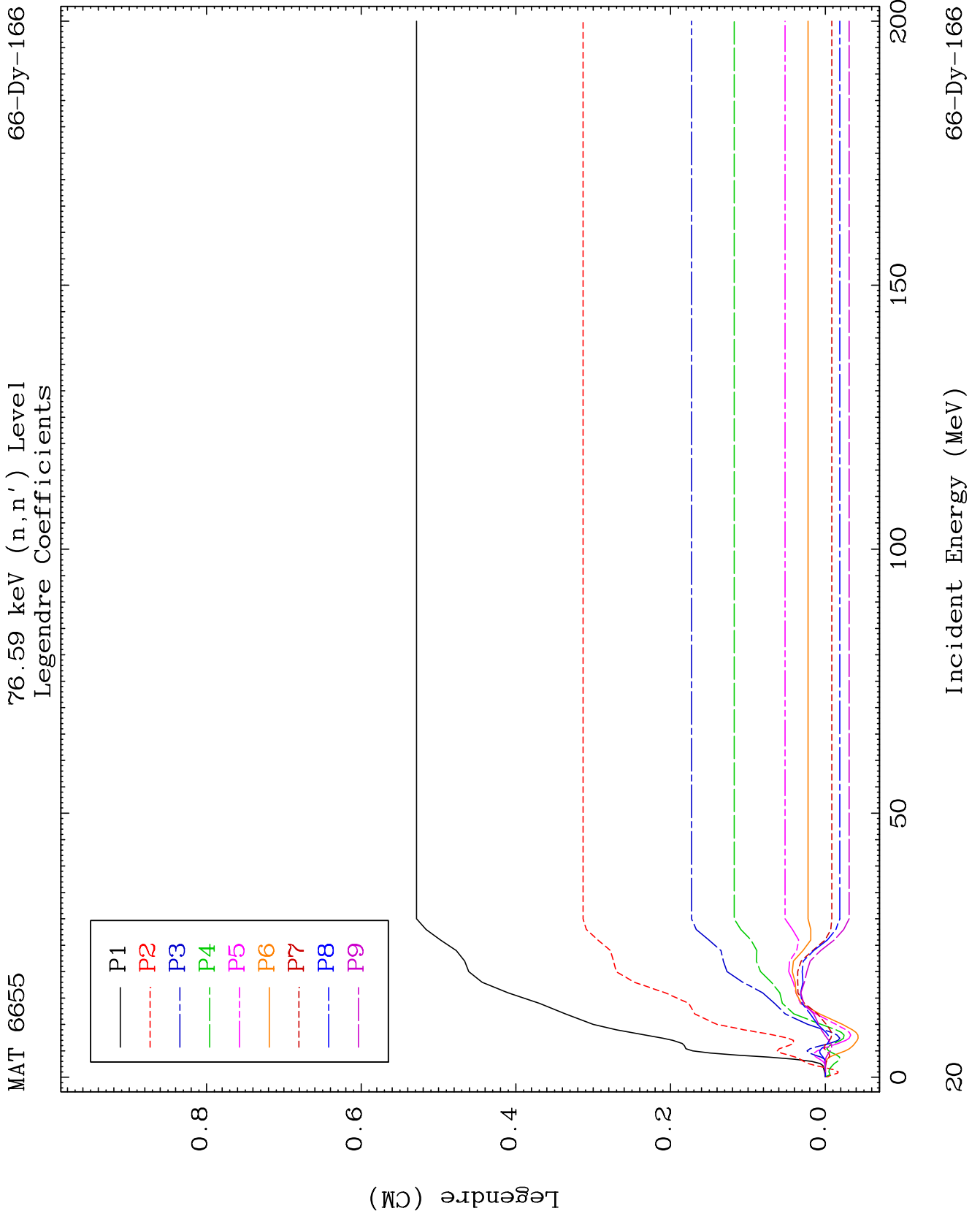
66-Dy-166



18

Incident Energy (MeV)

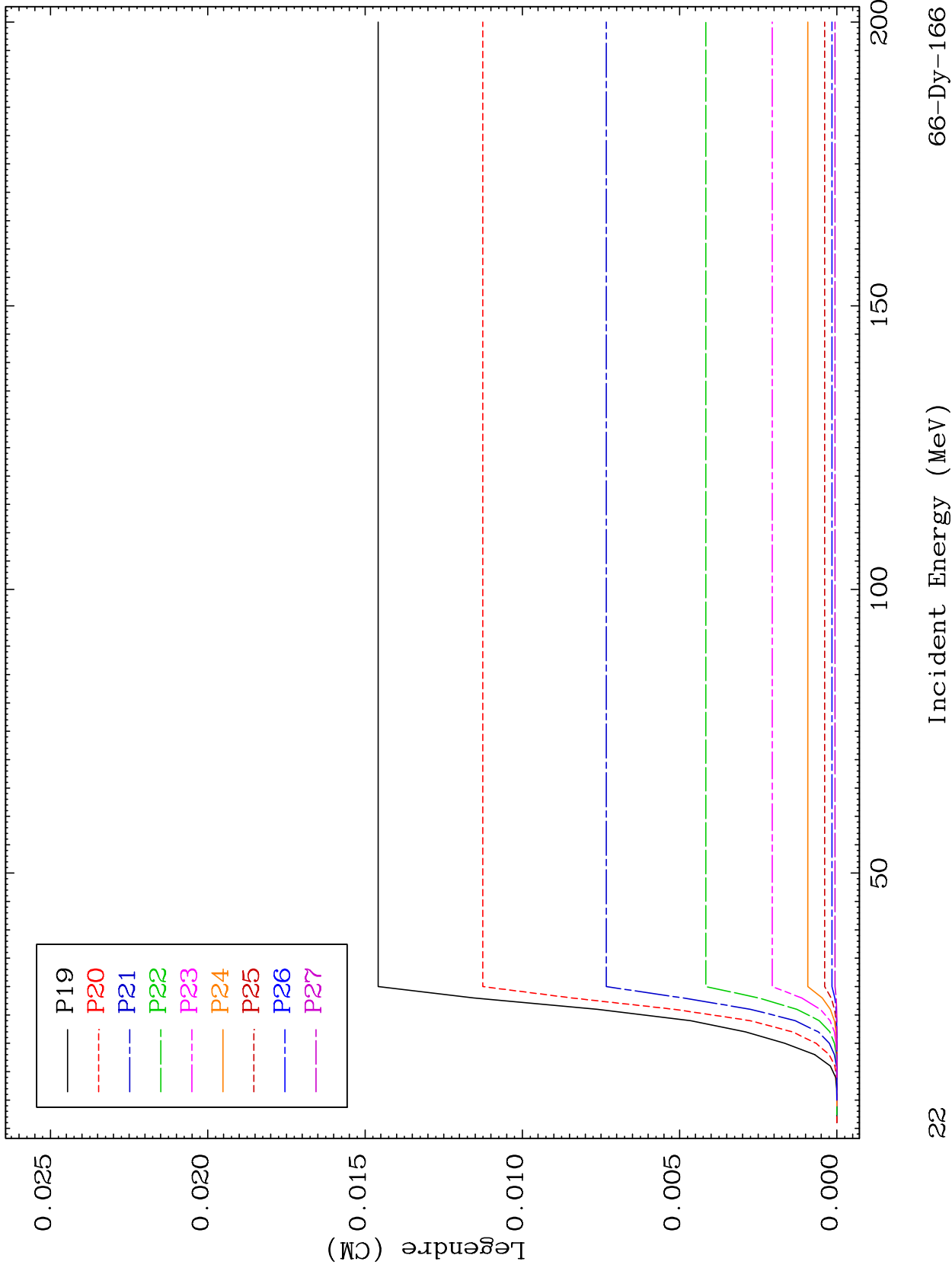
66-Dy-166



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76.59 keV (n,n') Level
Legendre Coefficients

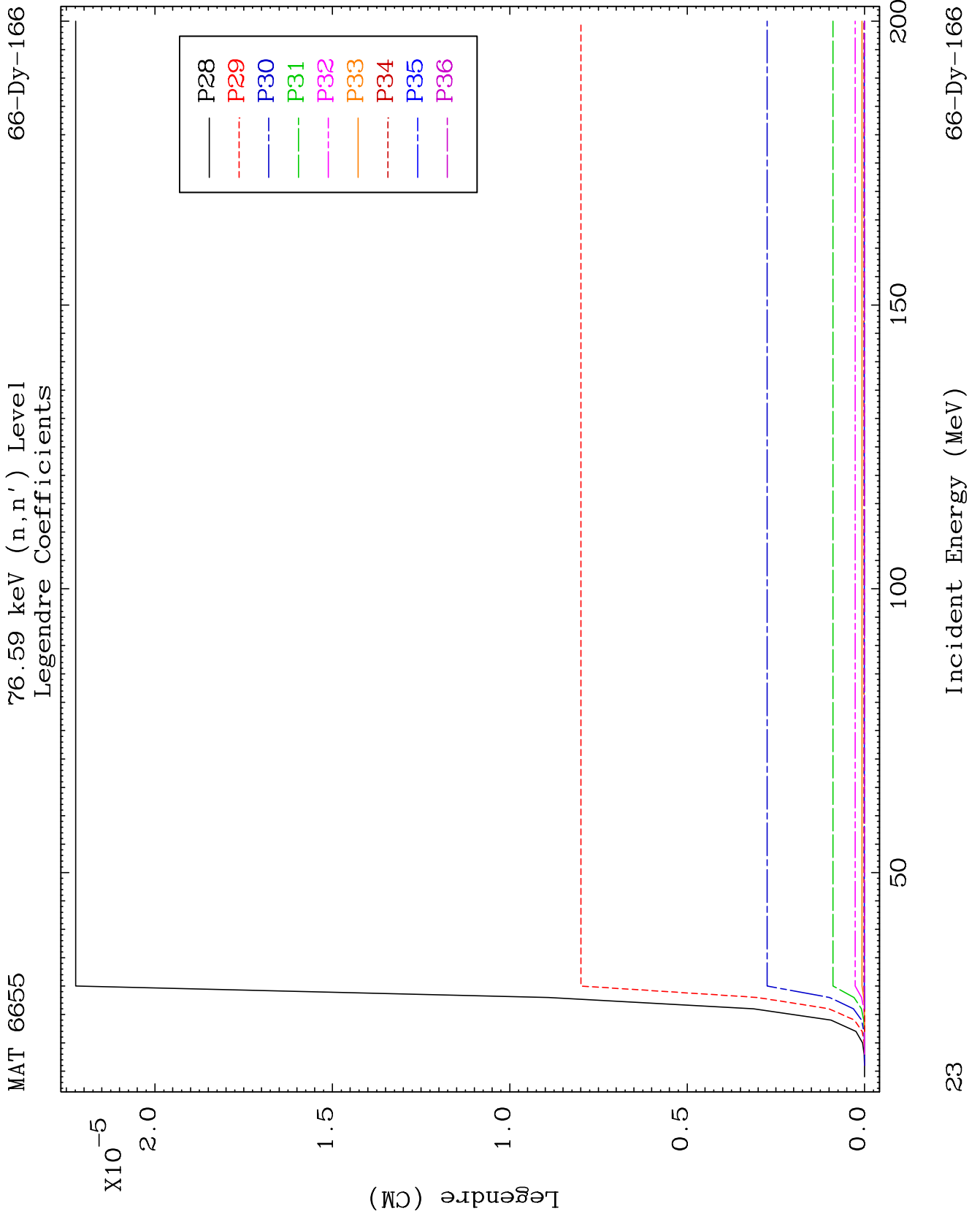
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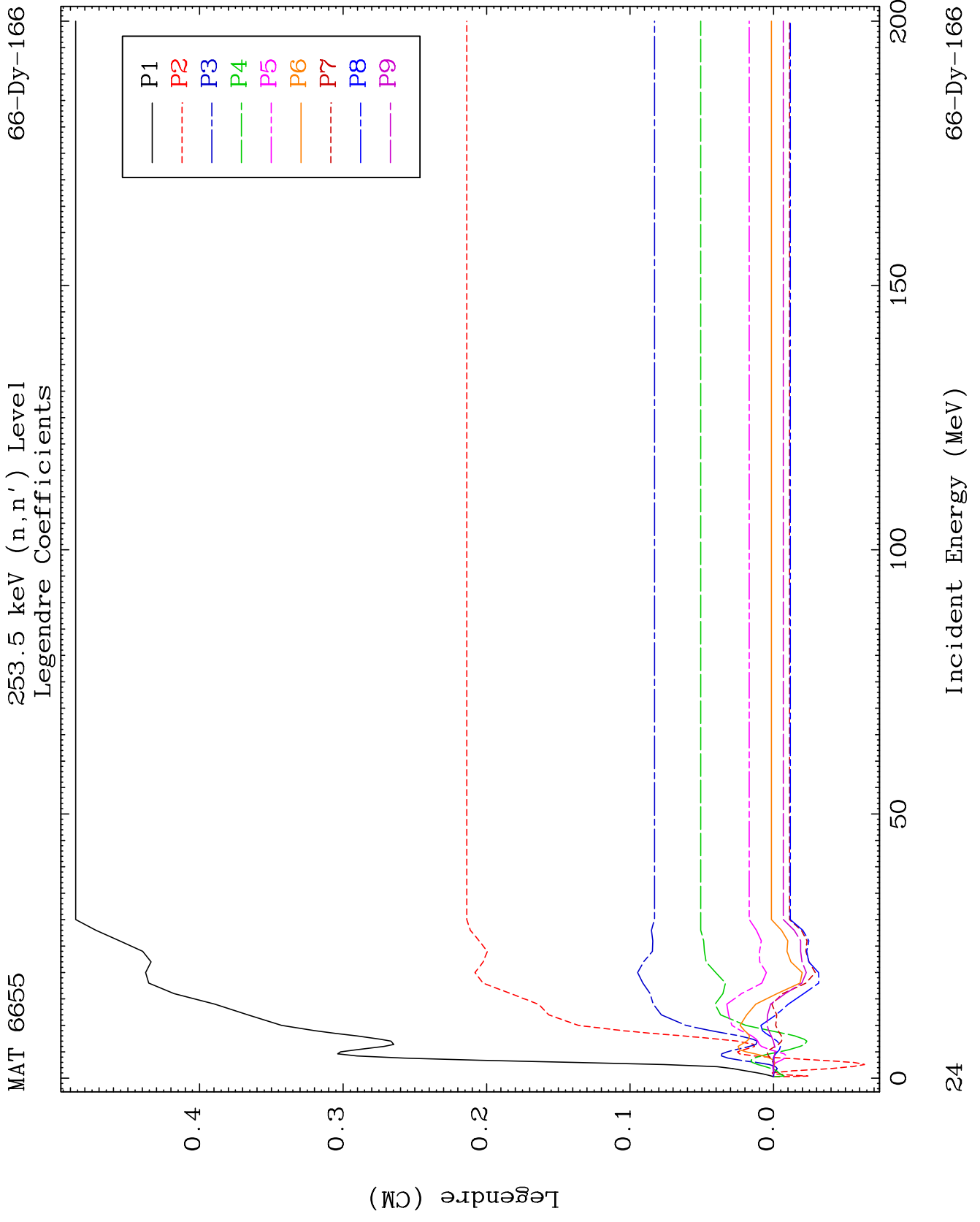


22

Incident Energy (MeV)

66-Dy-166

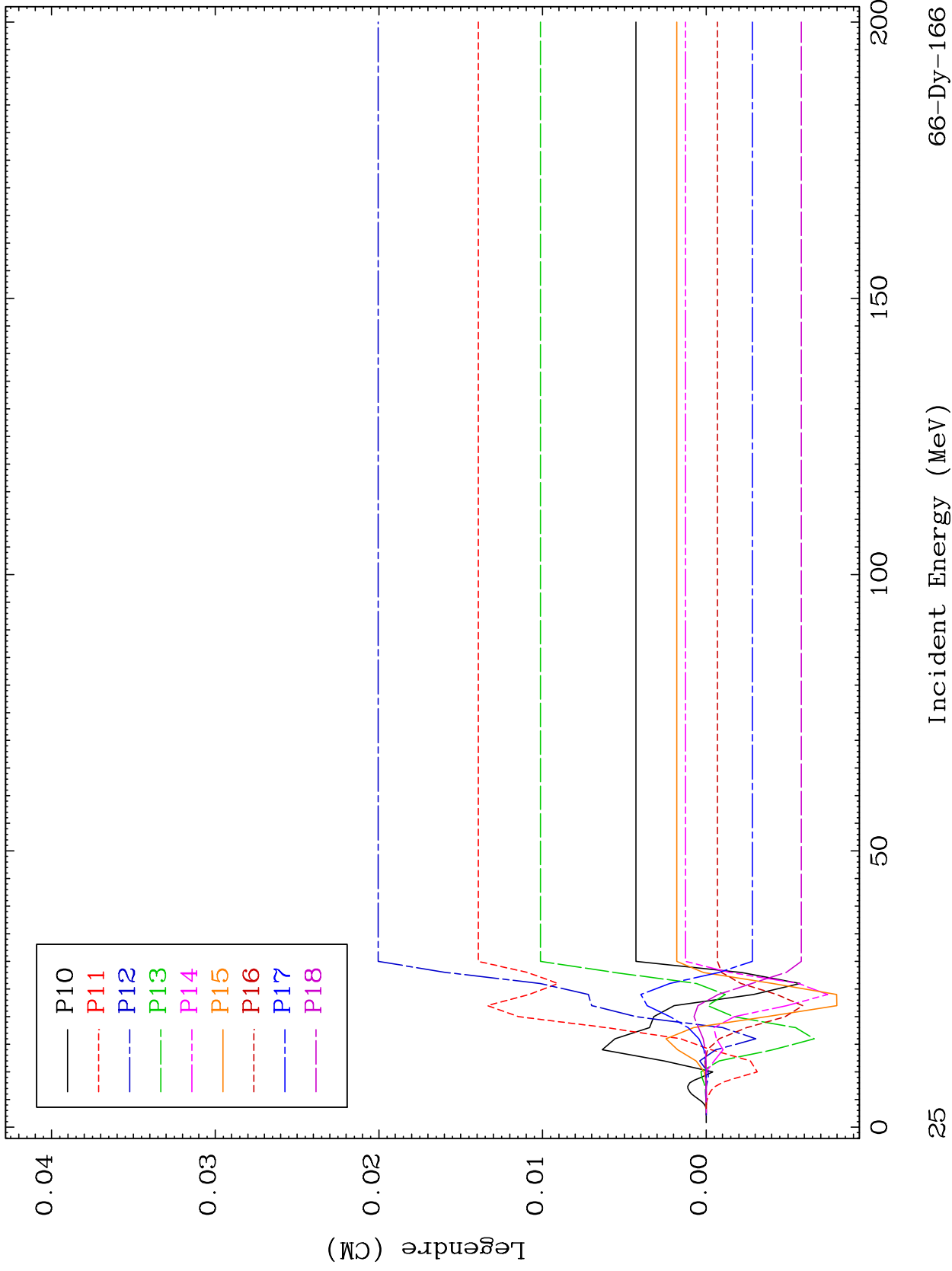




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253.5 keV (n,n') Level
Legendre Coefficients

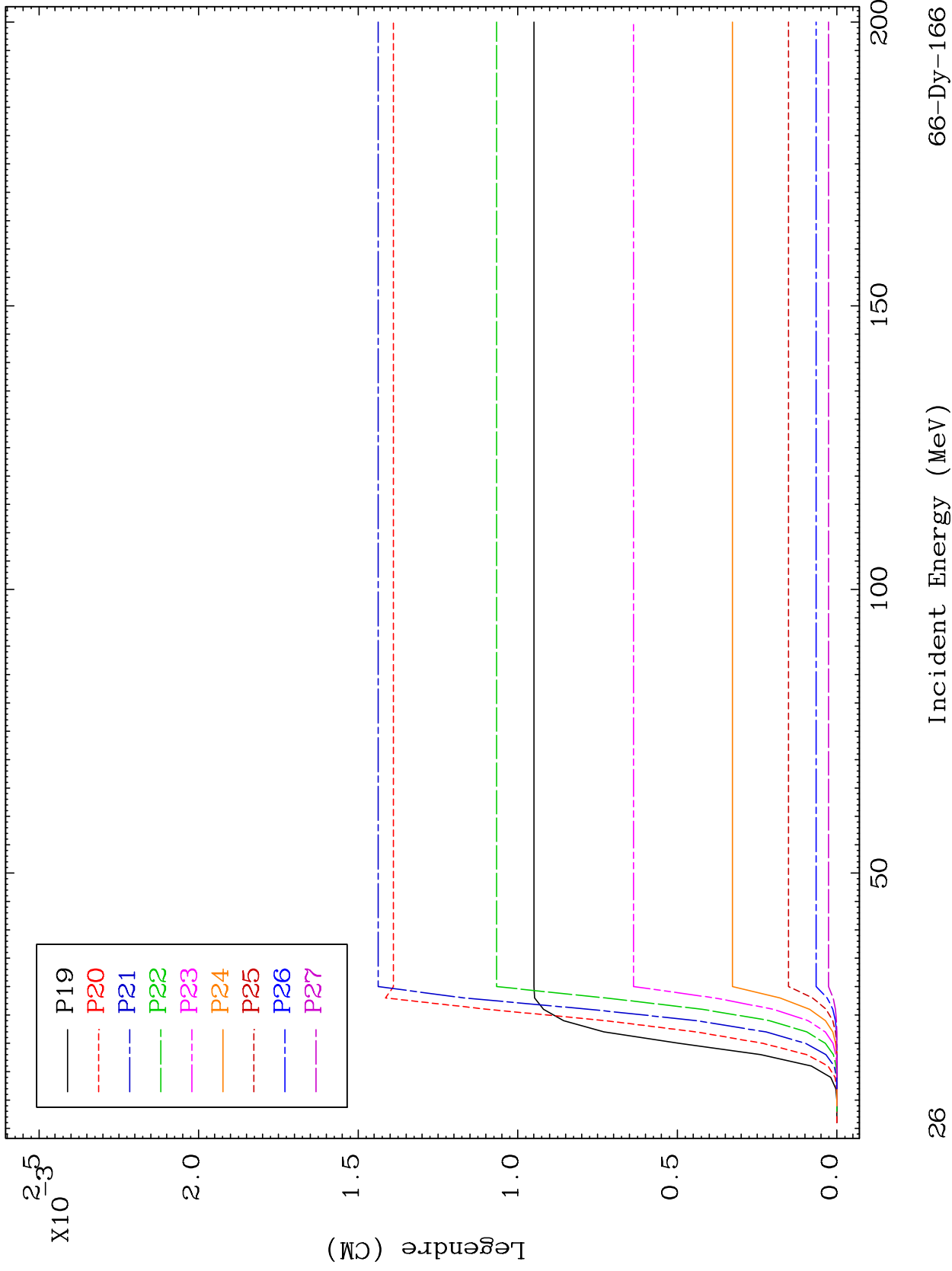
66-Dy-166



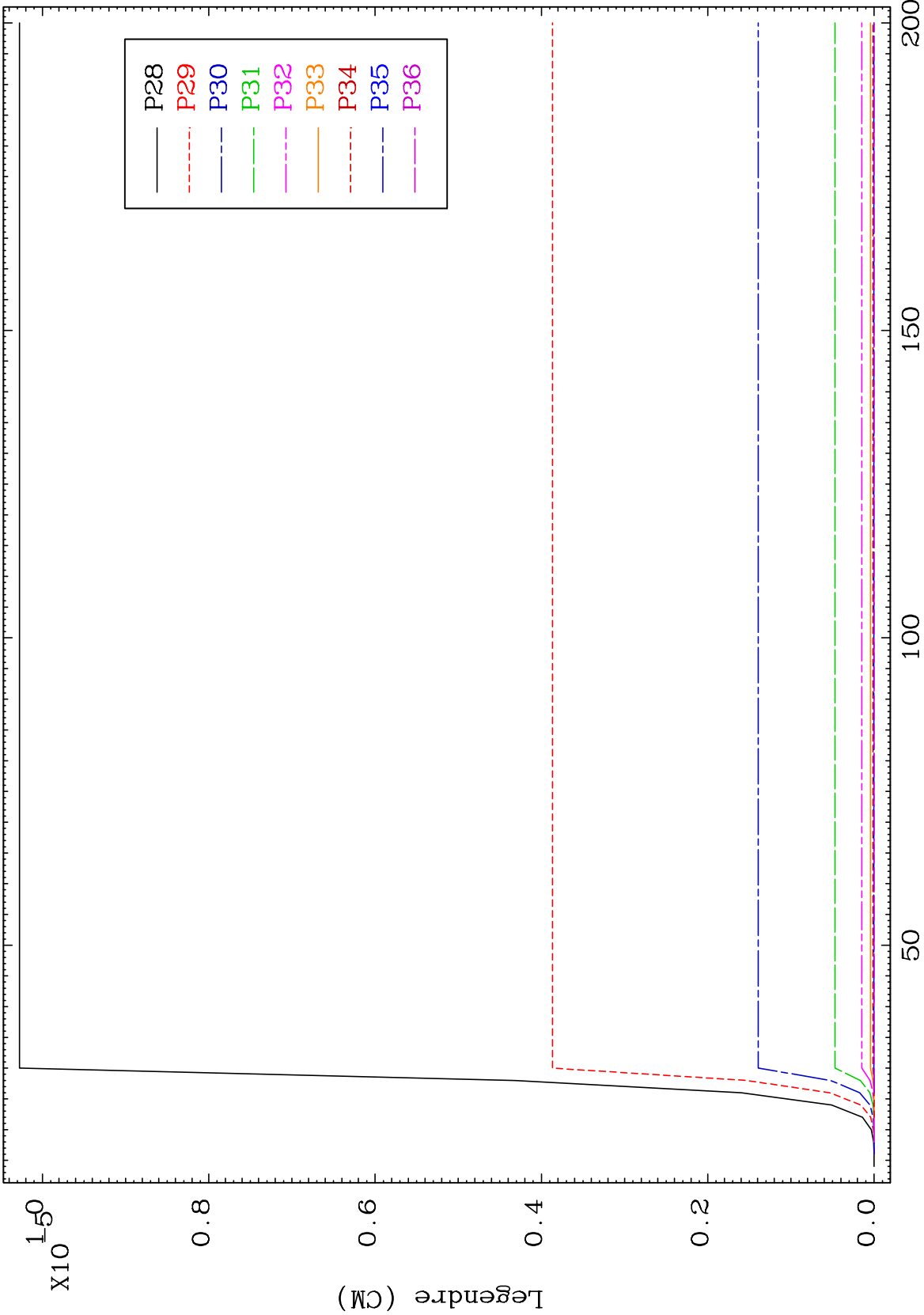
66-Dy-166

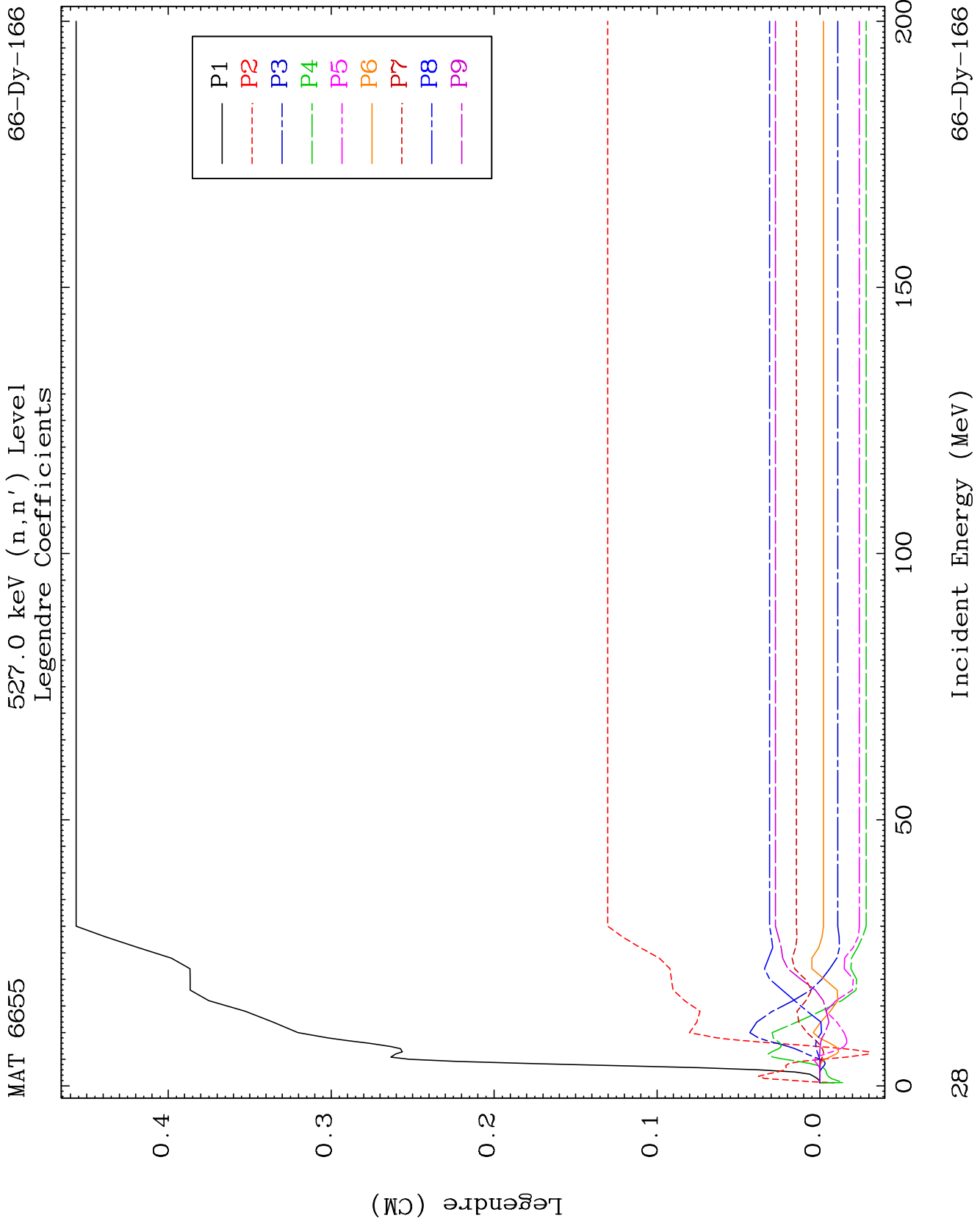
Incident Energy (MeV)

25



253.5 keV (n,n') Level
Legendre Coefficients

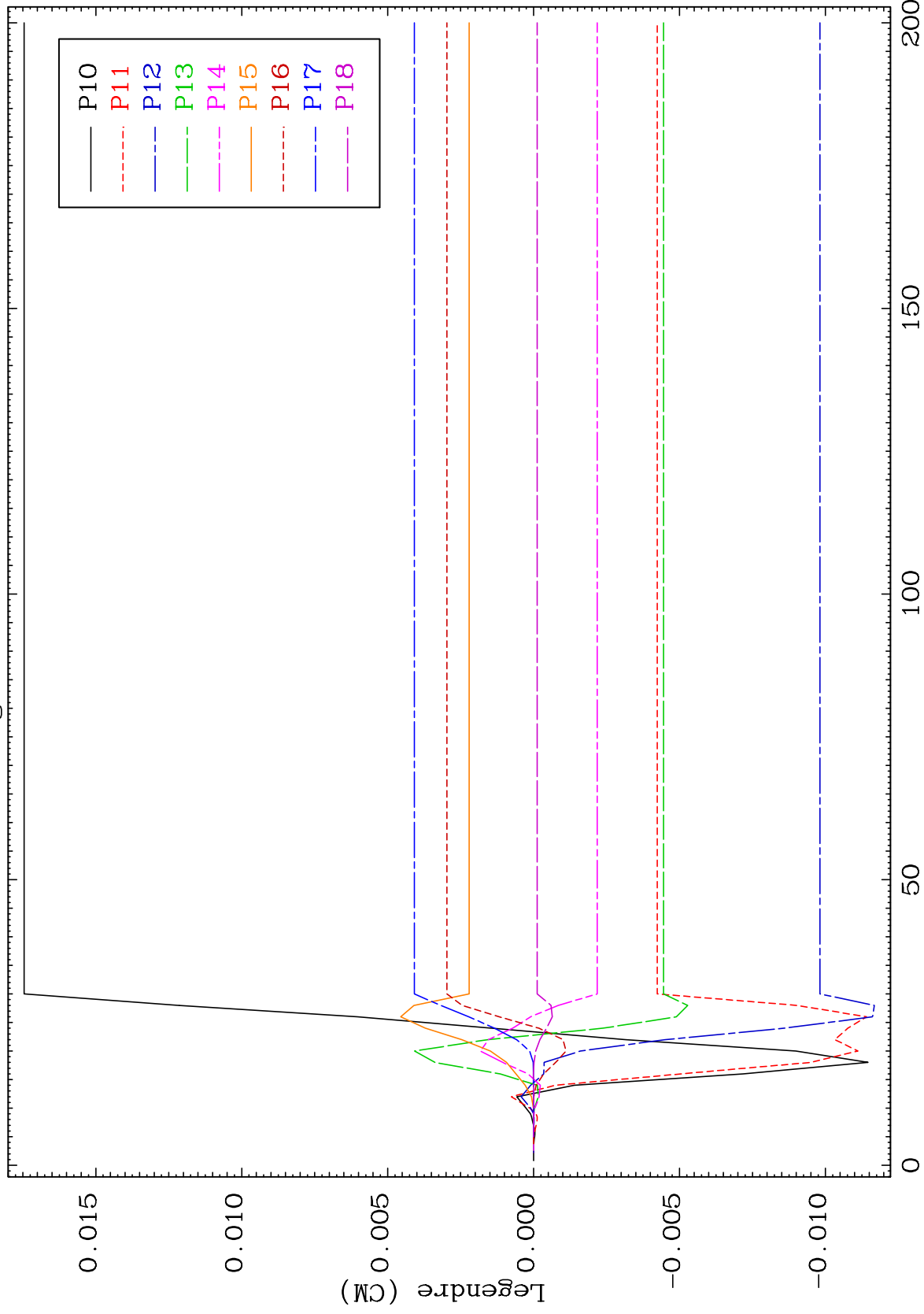




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527.0 keV (n,n') Level
Legendre Coefficients

66-Dy-166



29

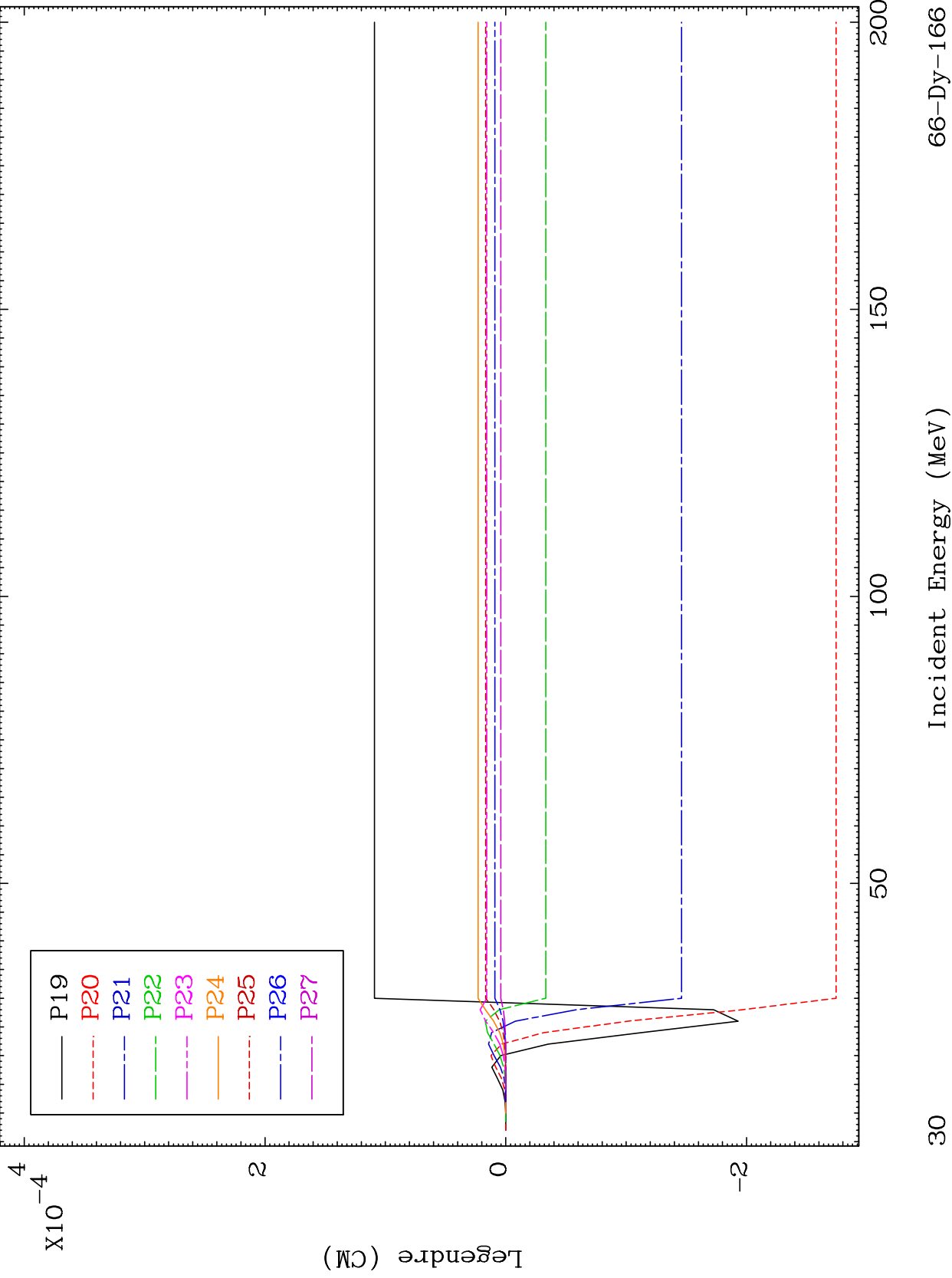
Incident Energy (MeV)

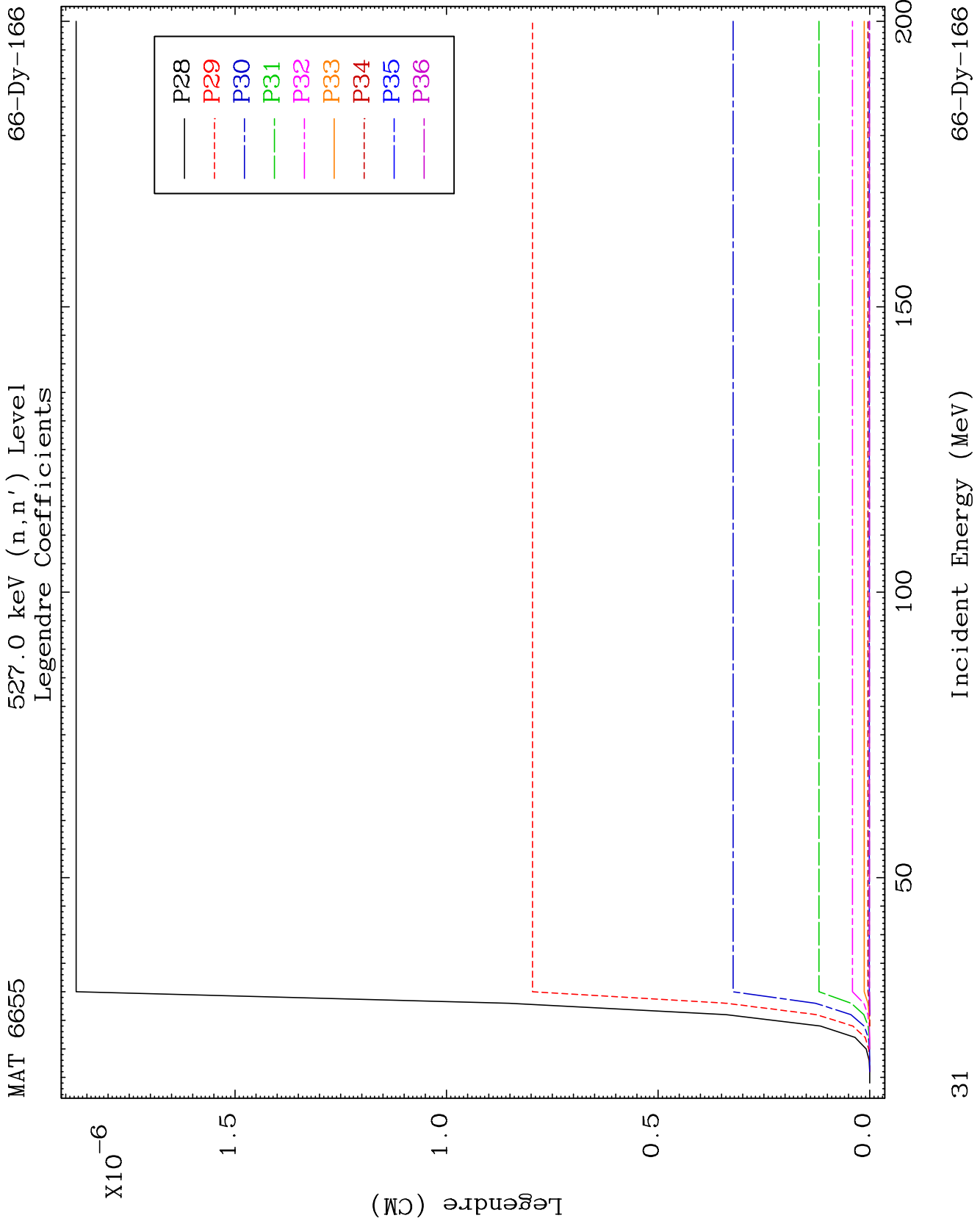
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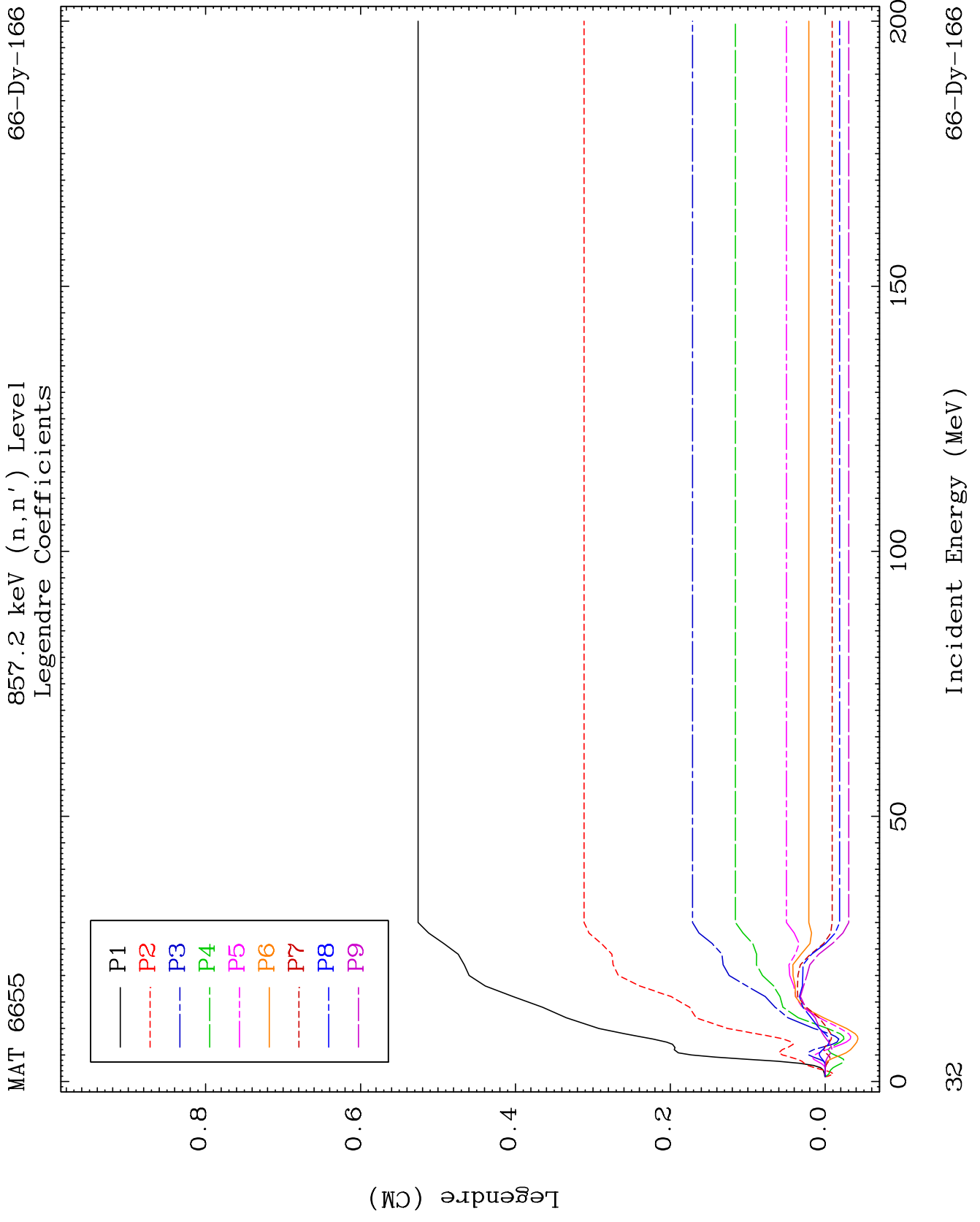
MAT 6655

527.0 keV (n,n') Level
Legendre Coefficients

66-Dy-166



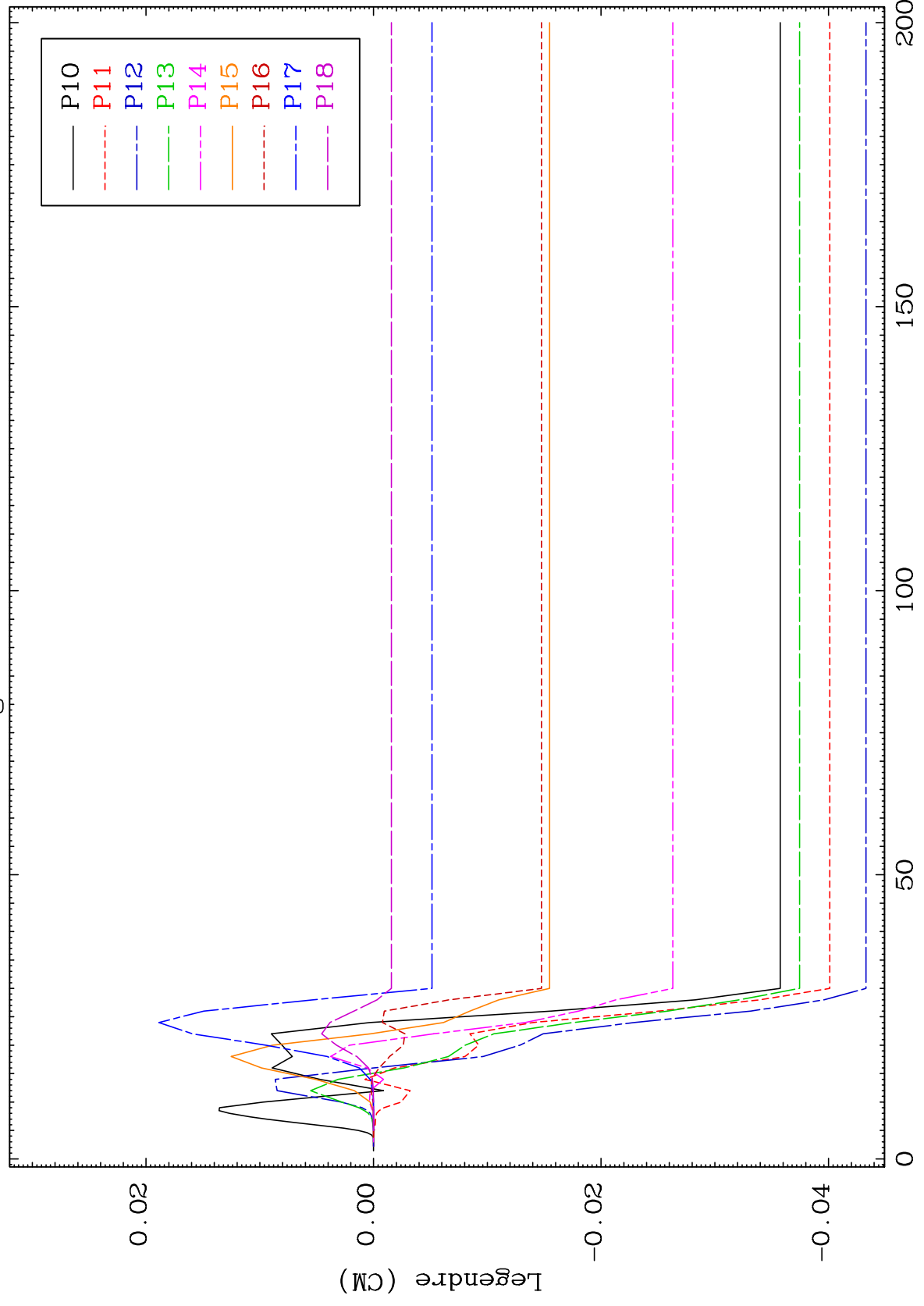




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857.2 keV (n,n') Level
Legendre Coefficients

66-Dy-166



33

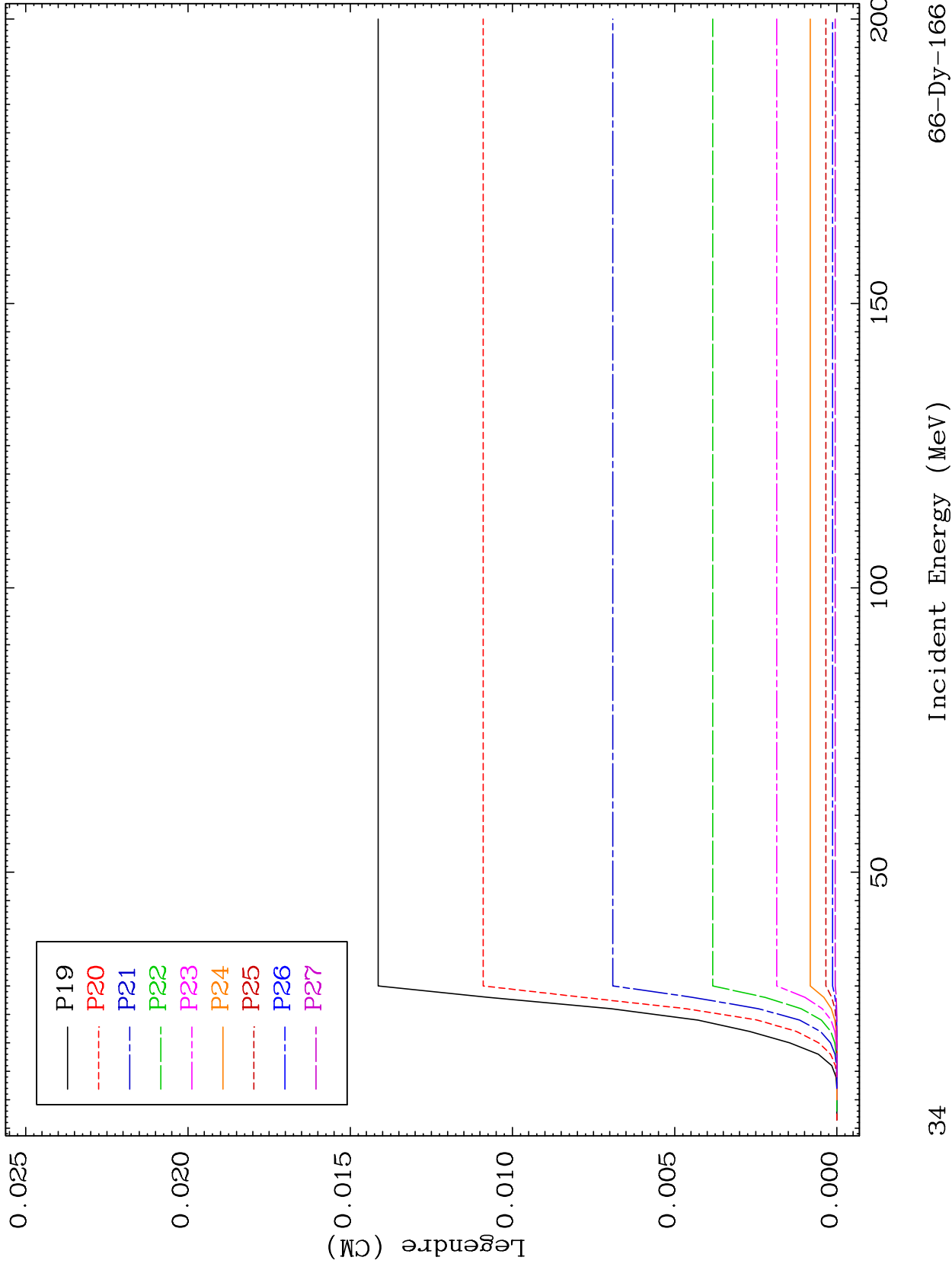
Incident Energy (MeV)

66-Dy-166

MAT 6655

857.2 keV (n,n') Level
Legendre Coefficients

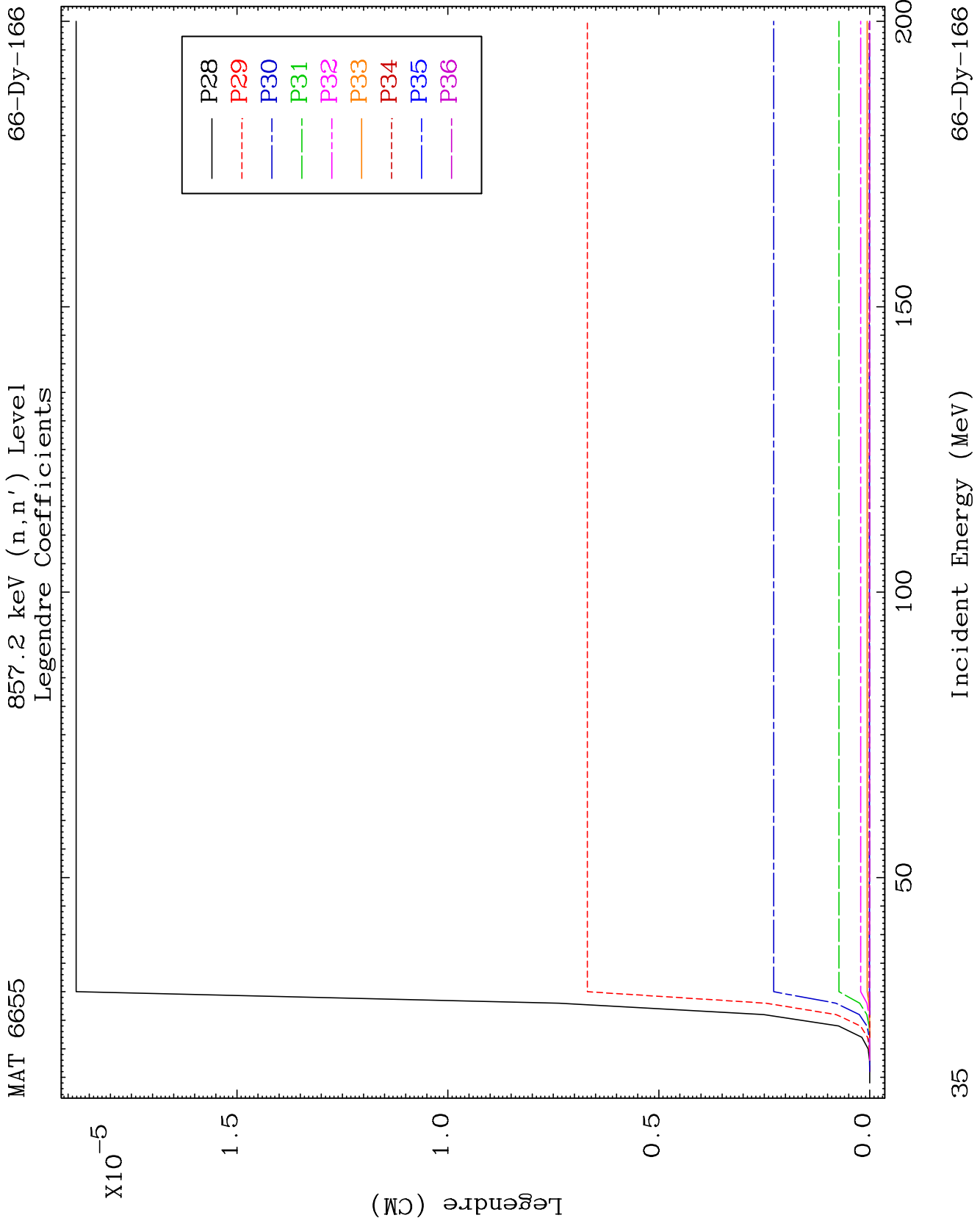
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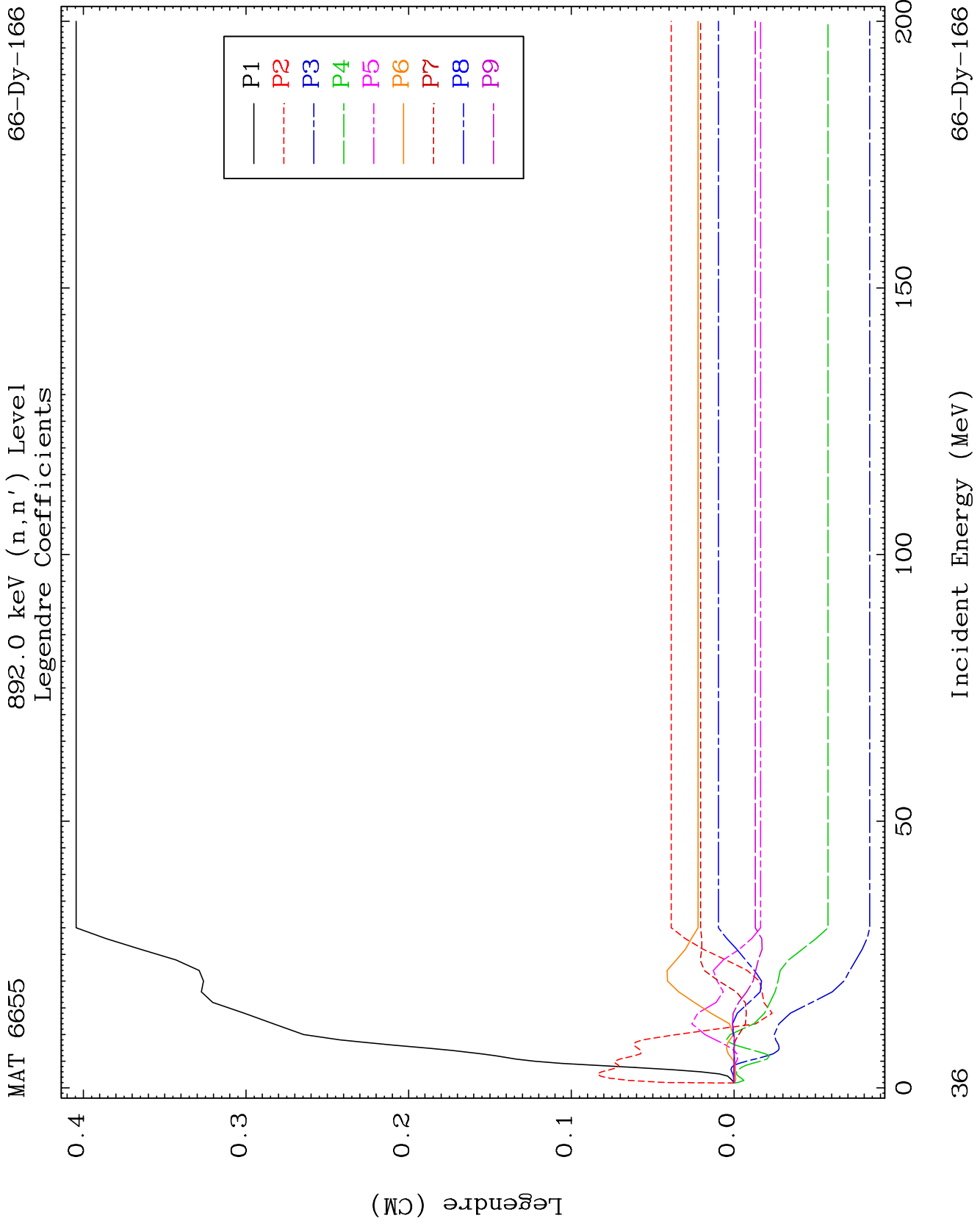


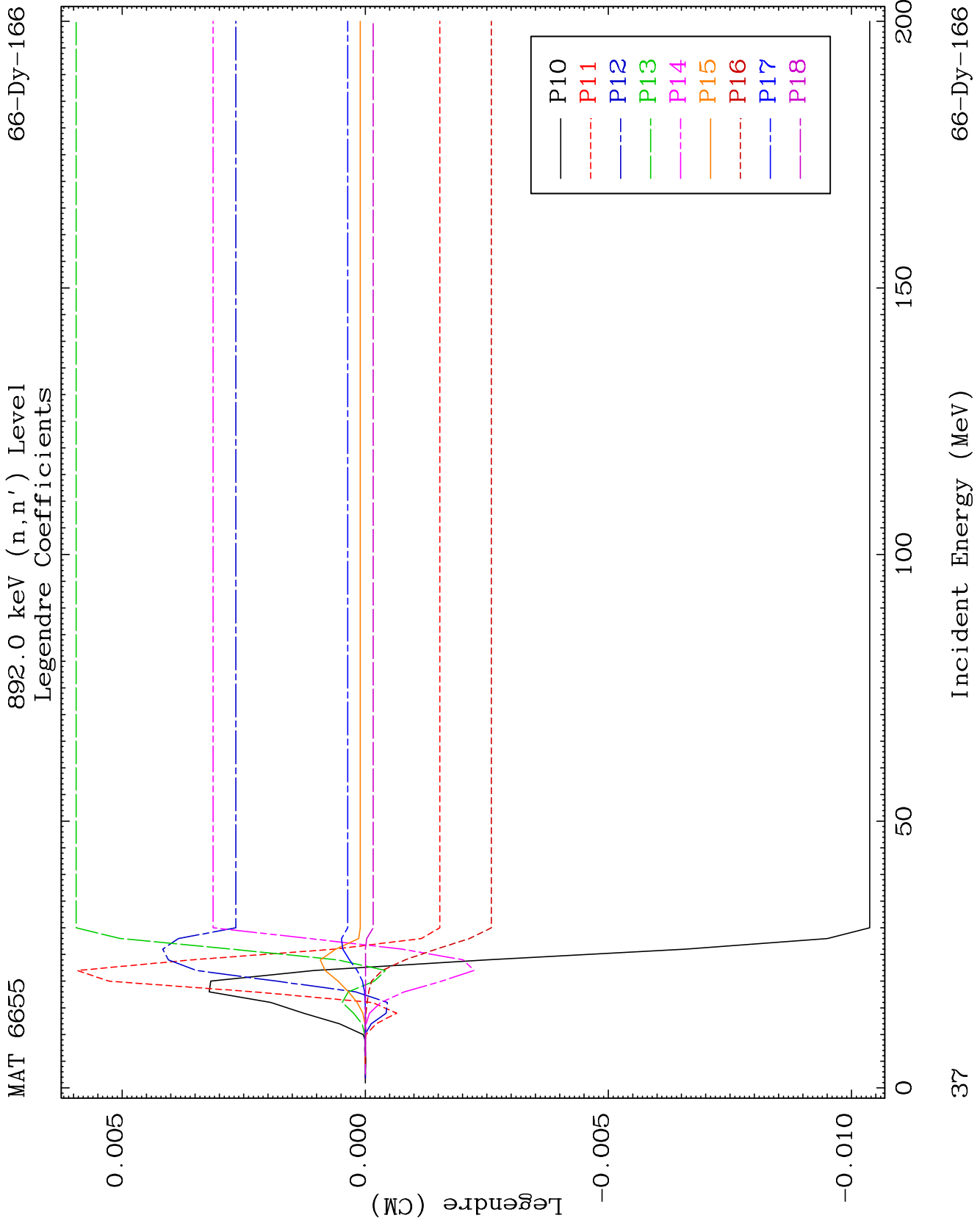
34

Incident Energy (MeV)

66-Dy-166



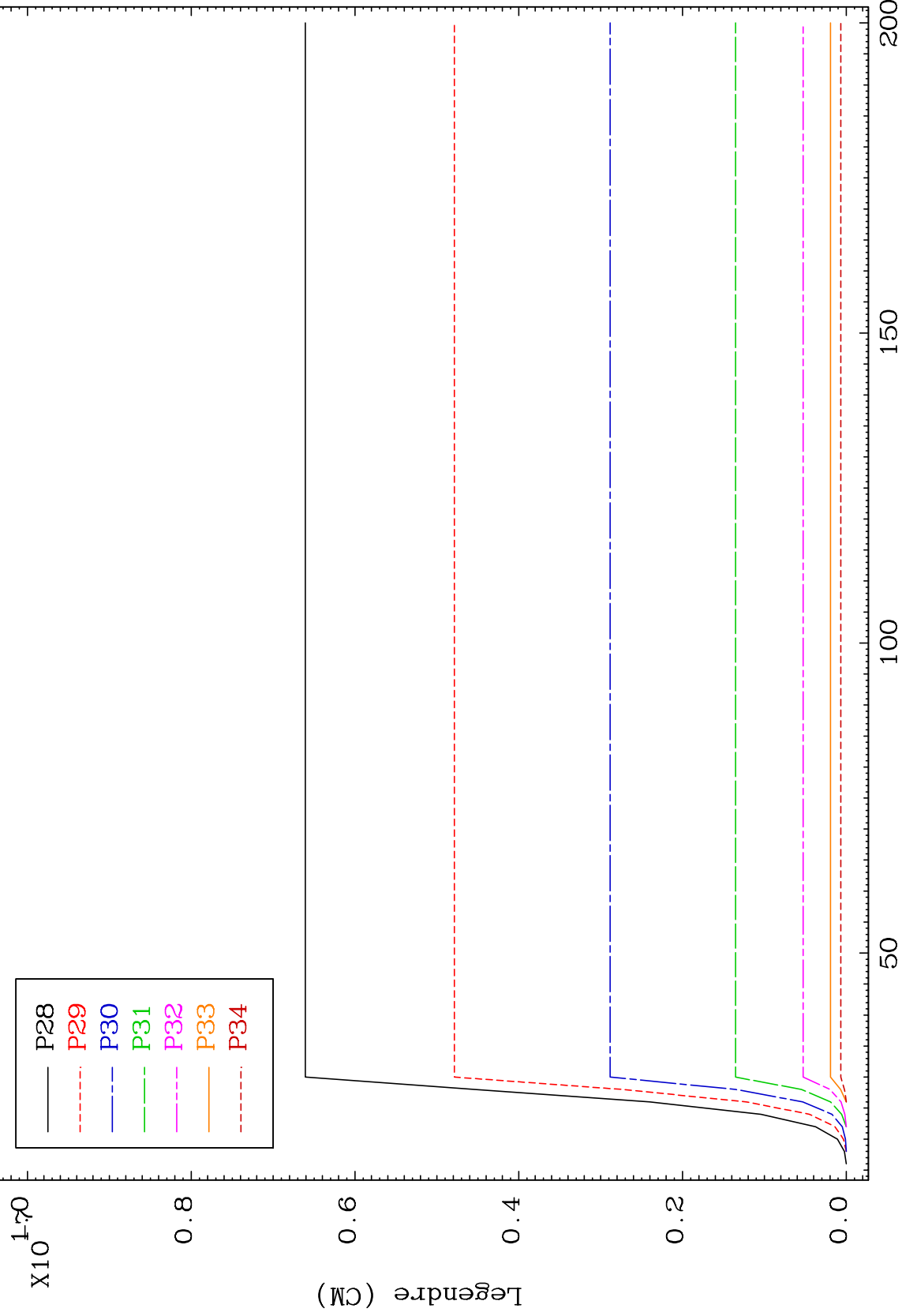




MAT 6655

892.0 keV (n,n') Level
Legendre Coefficients

66-Dy-166



39

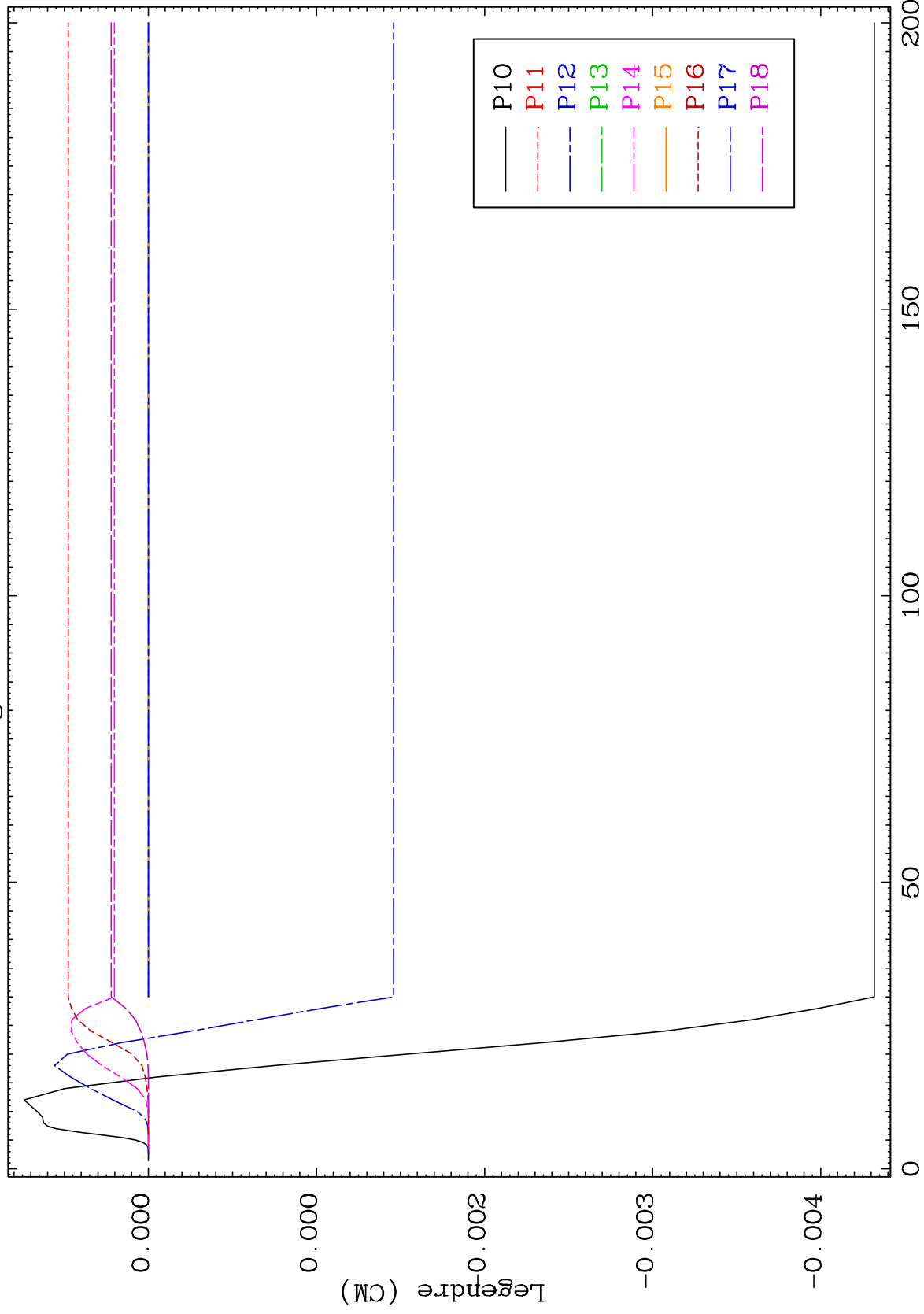
Incident Energy (MeV)

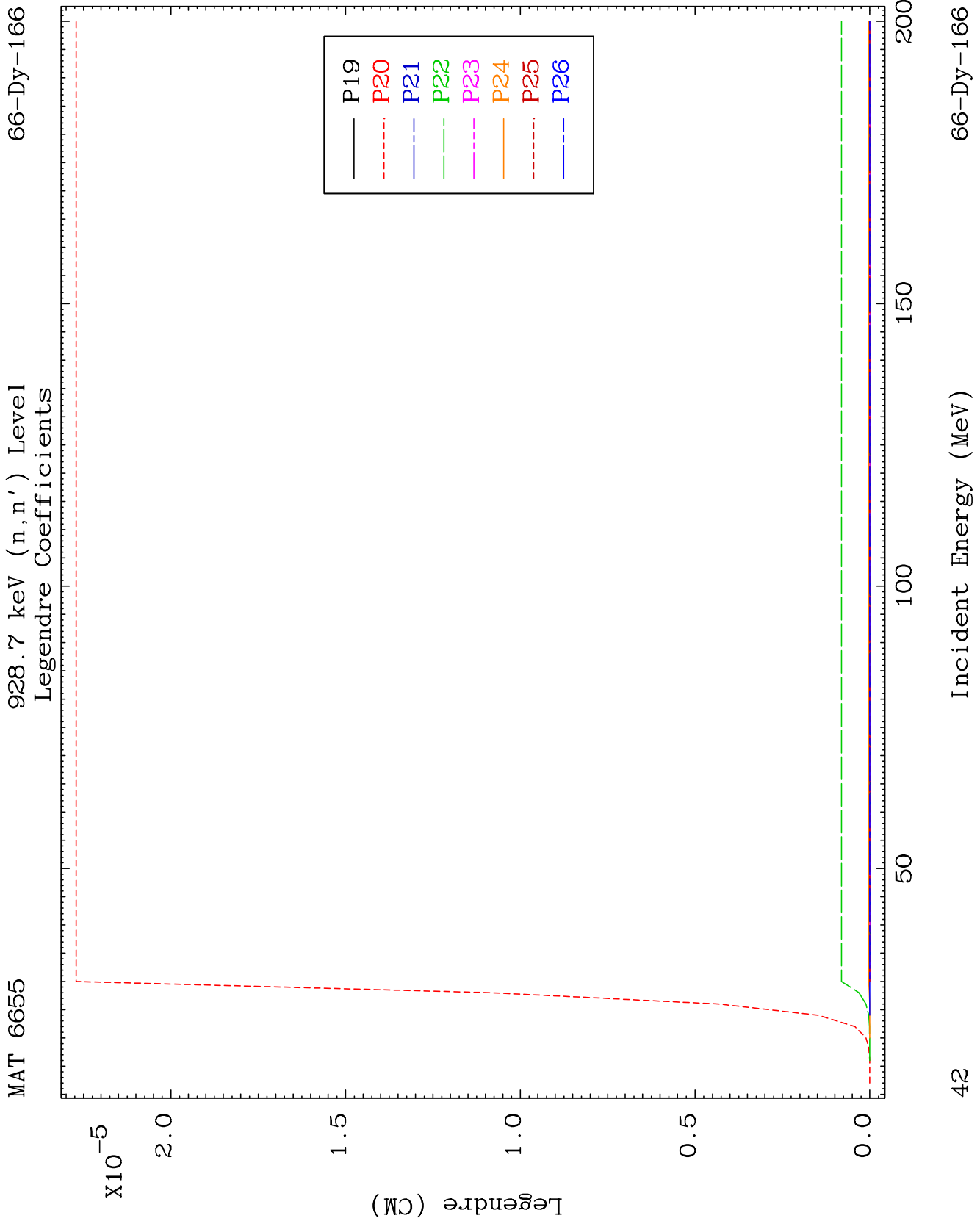
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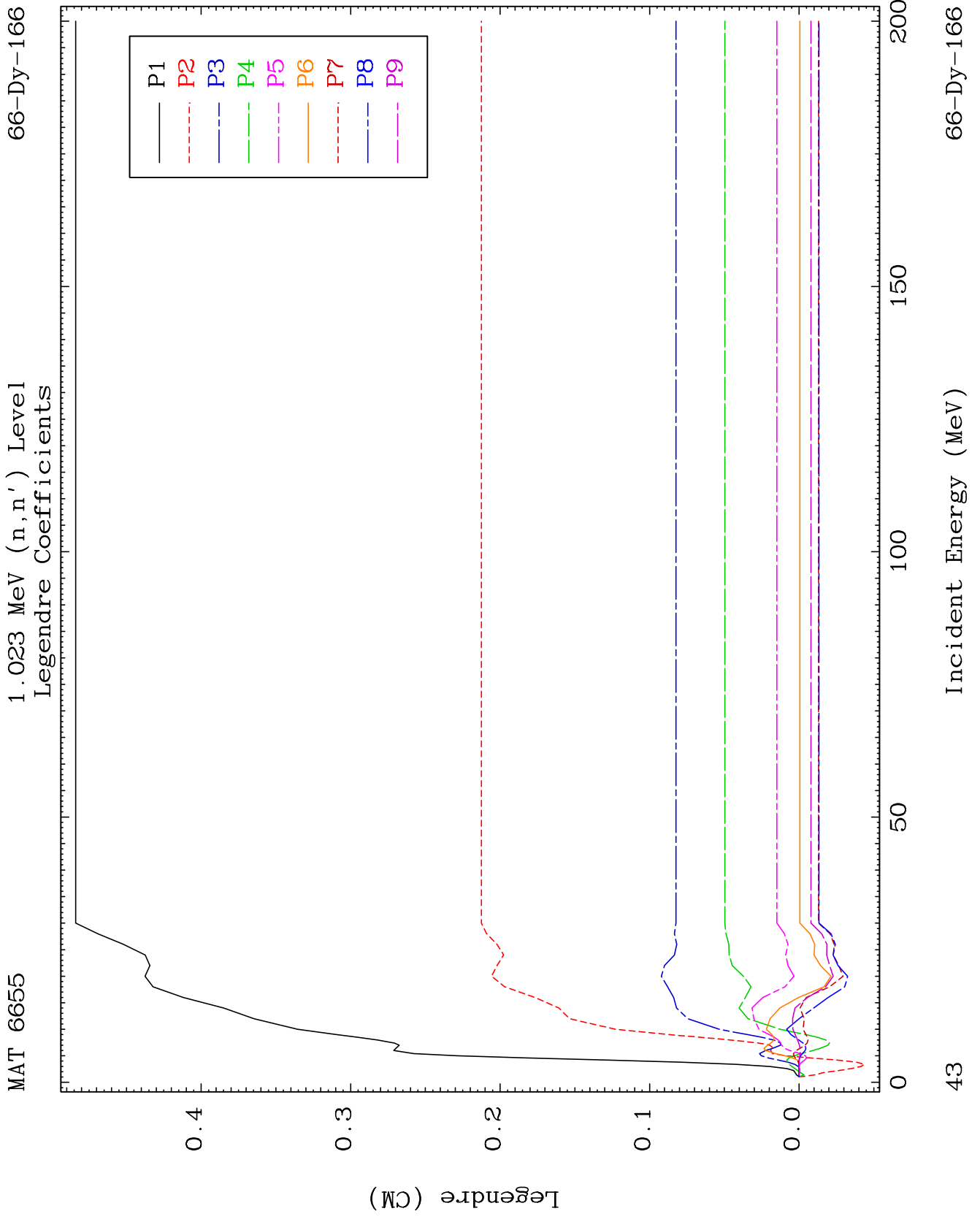
MAT 6655

928.7 keV (n,n') Level
Legendre Coefficients

66-Dy-166



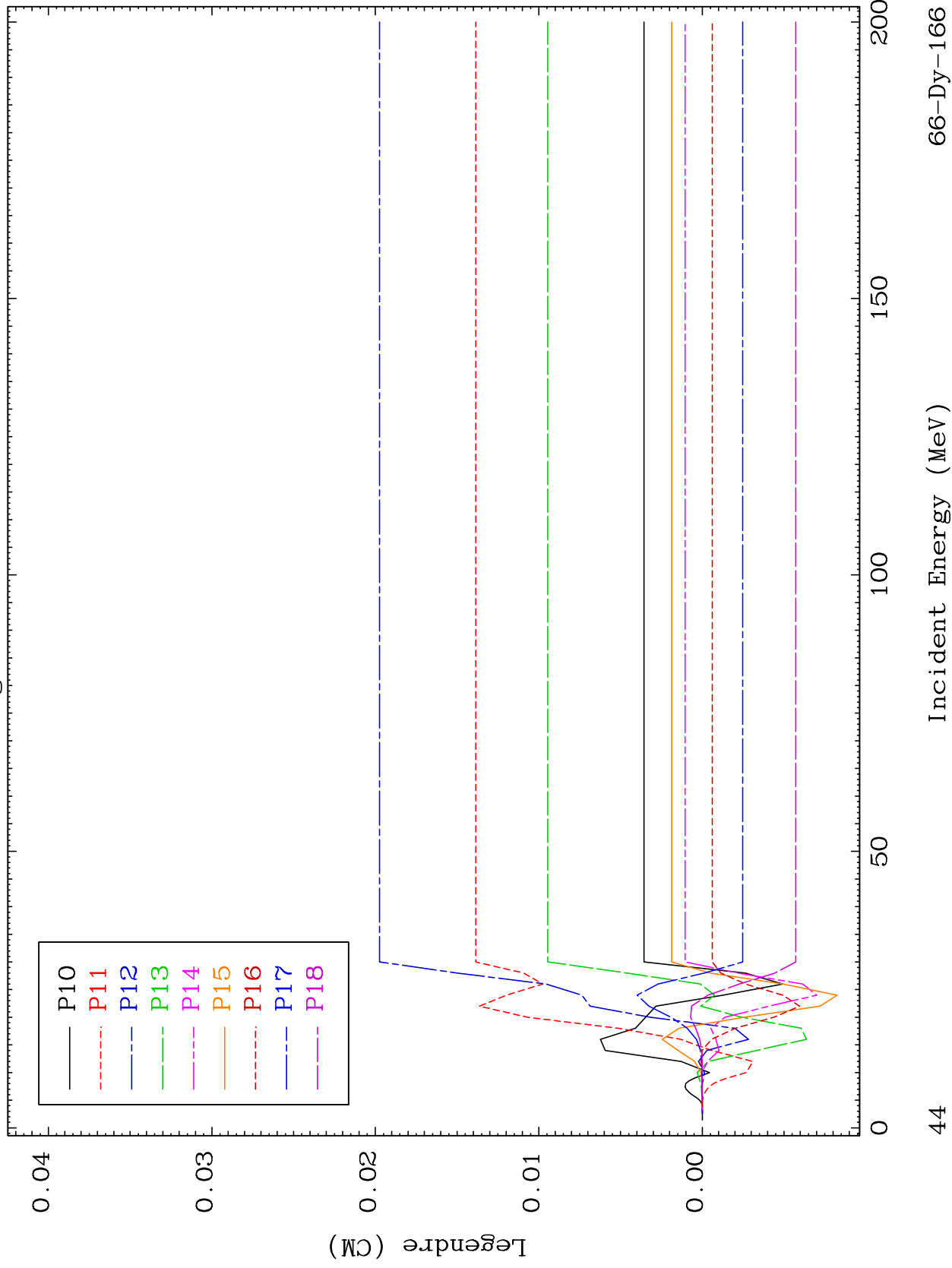




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1.023 MeV (n,n') Level
Legendre Coefficients

66-Dy-166



44

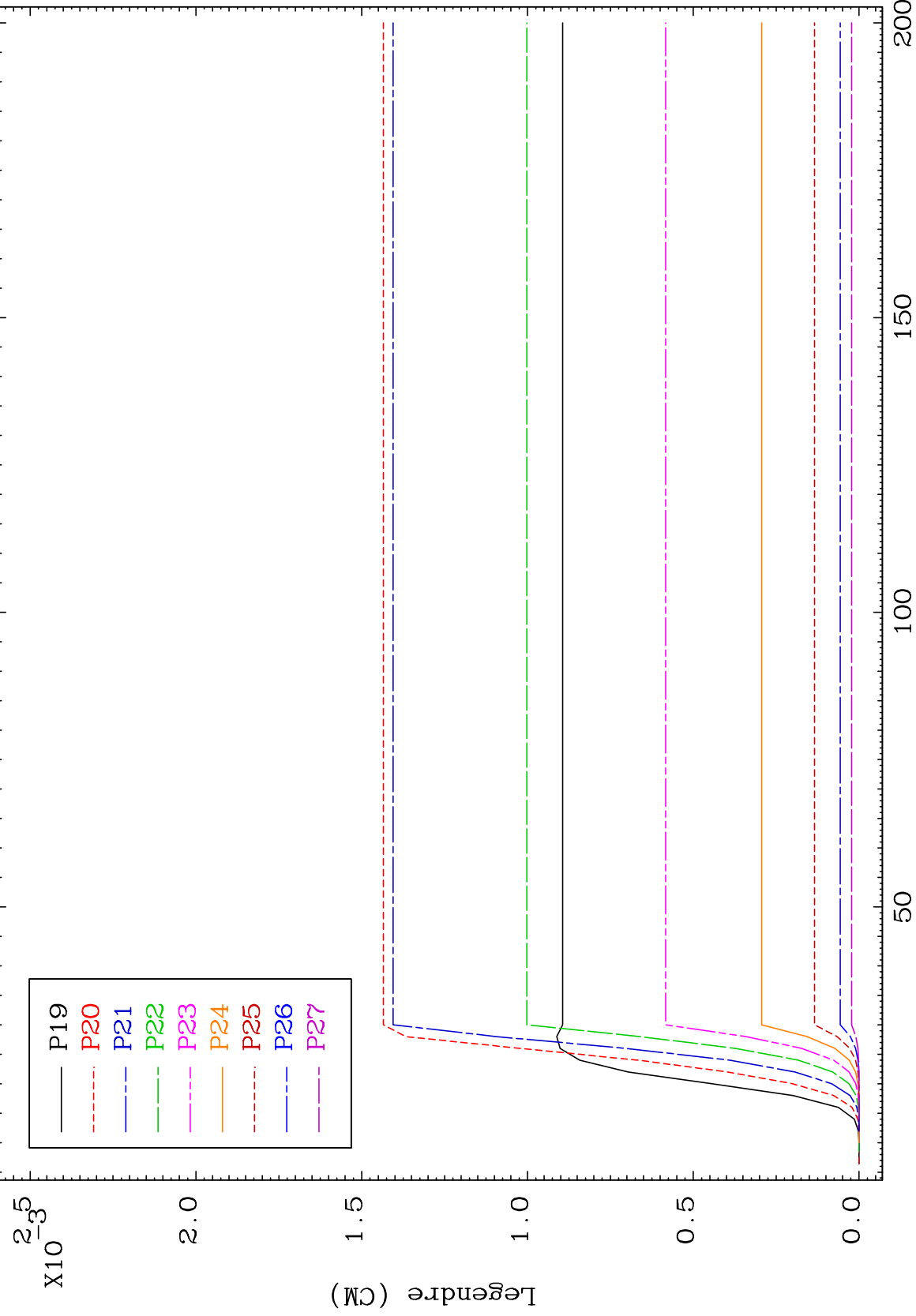
Incident Energy (MeV)

66-Dy-166

MAT 6655

1.023 MeV (n,n') Level
Legendre Coefficients

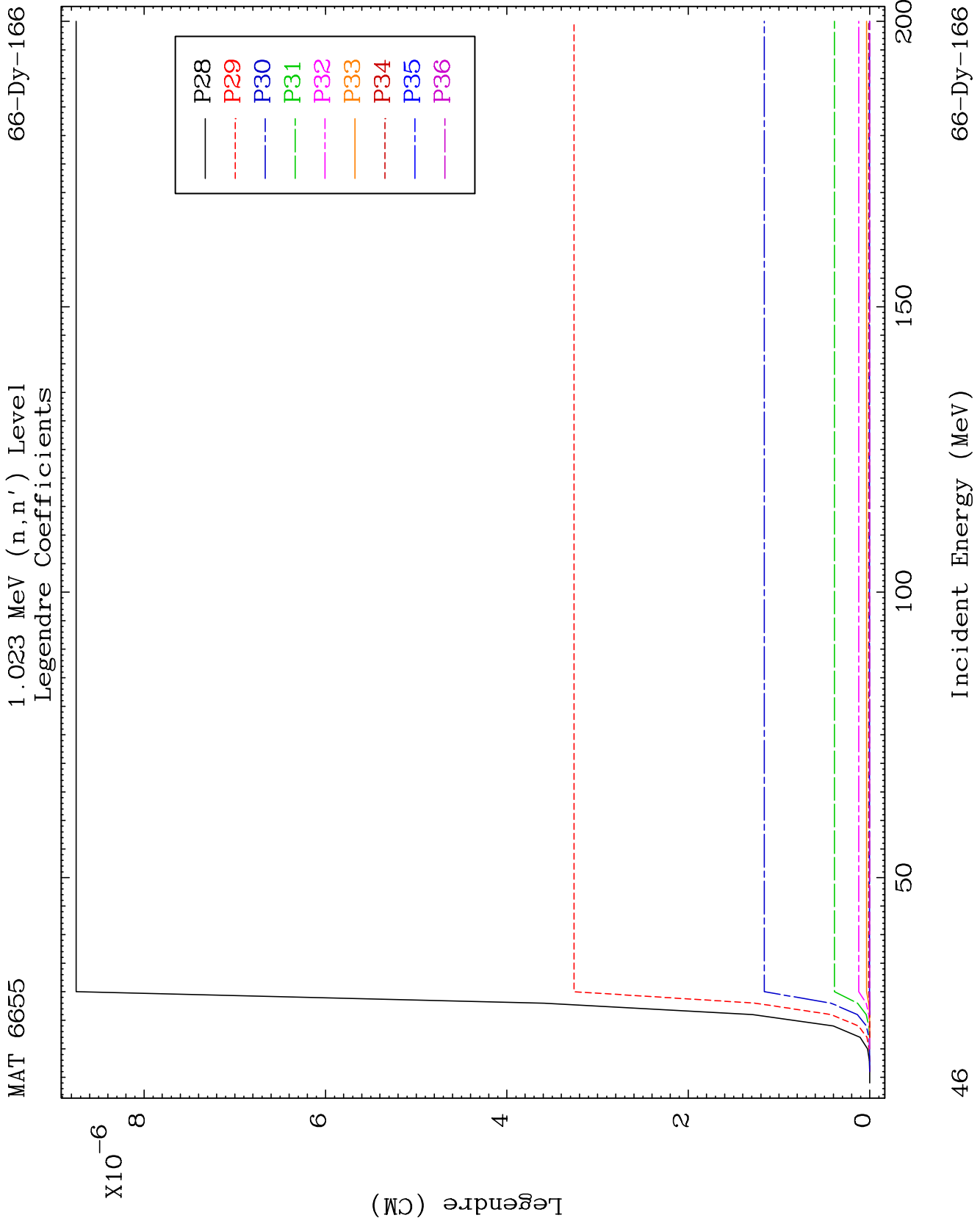
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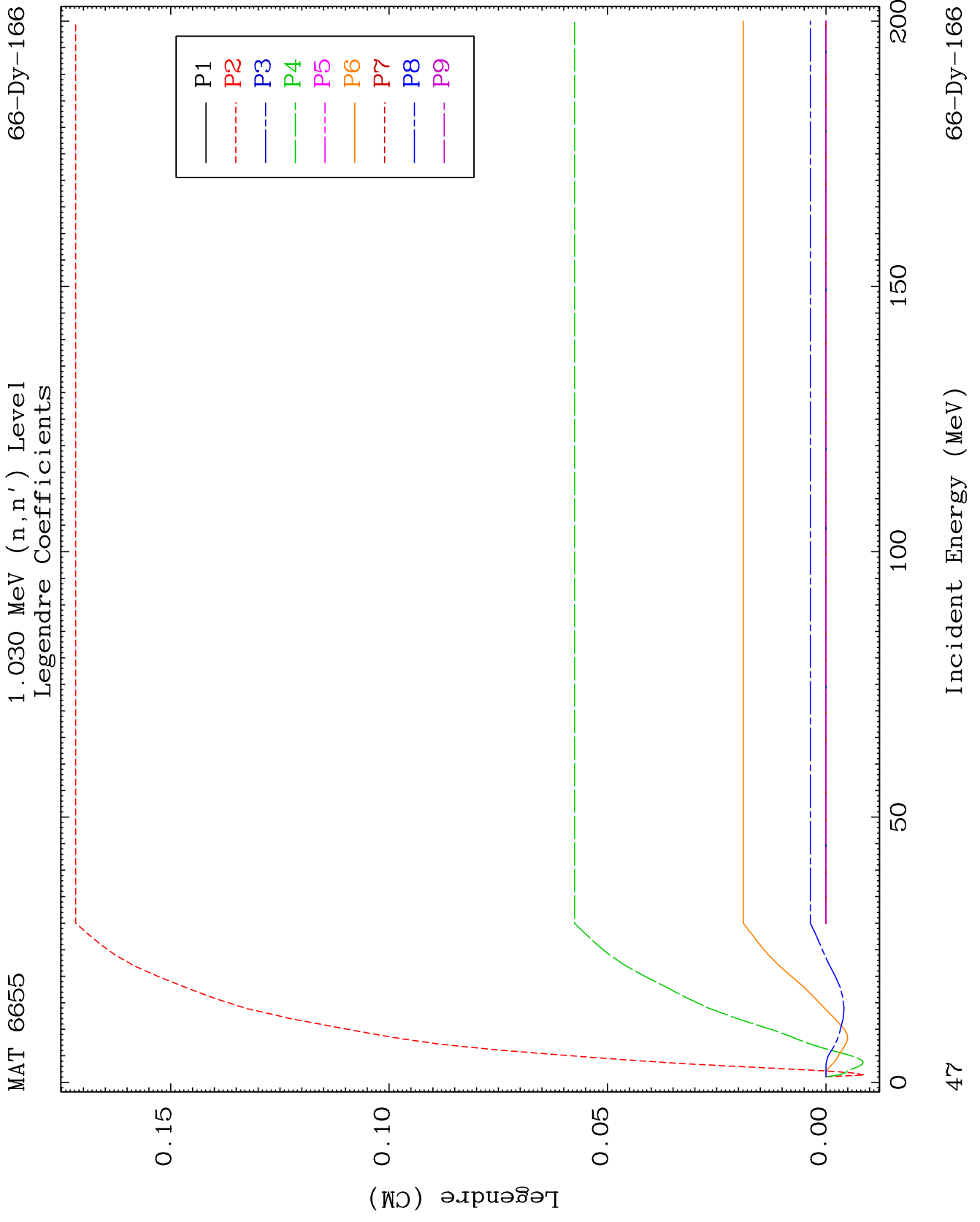


45

Incident Energy (MeV)

66-Dy-166

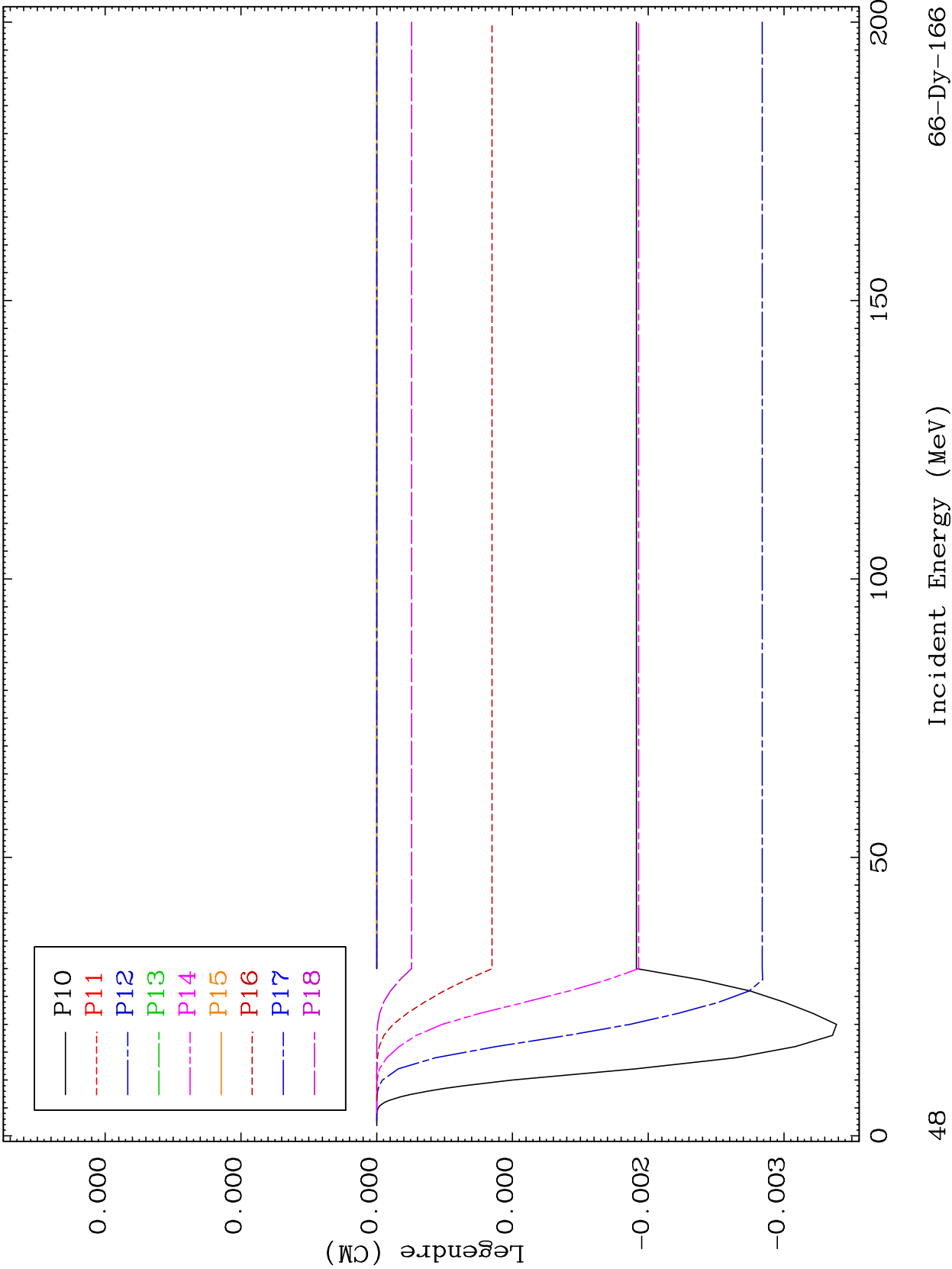




MAT 6655

1.030 MeV (n,n') Level
Legendre Coefficients

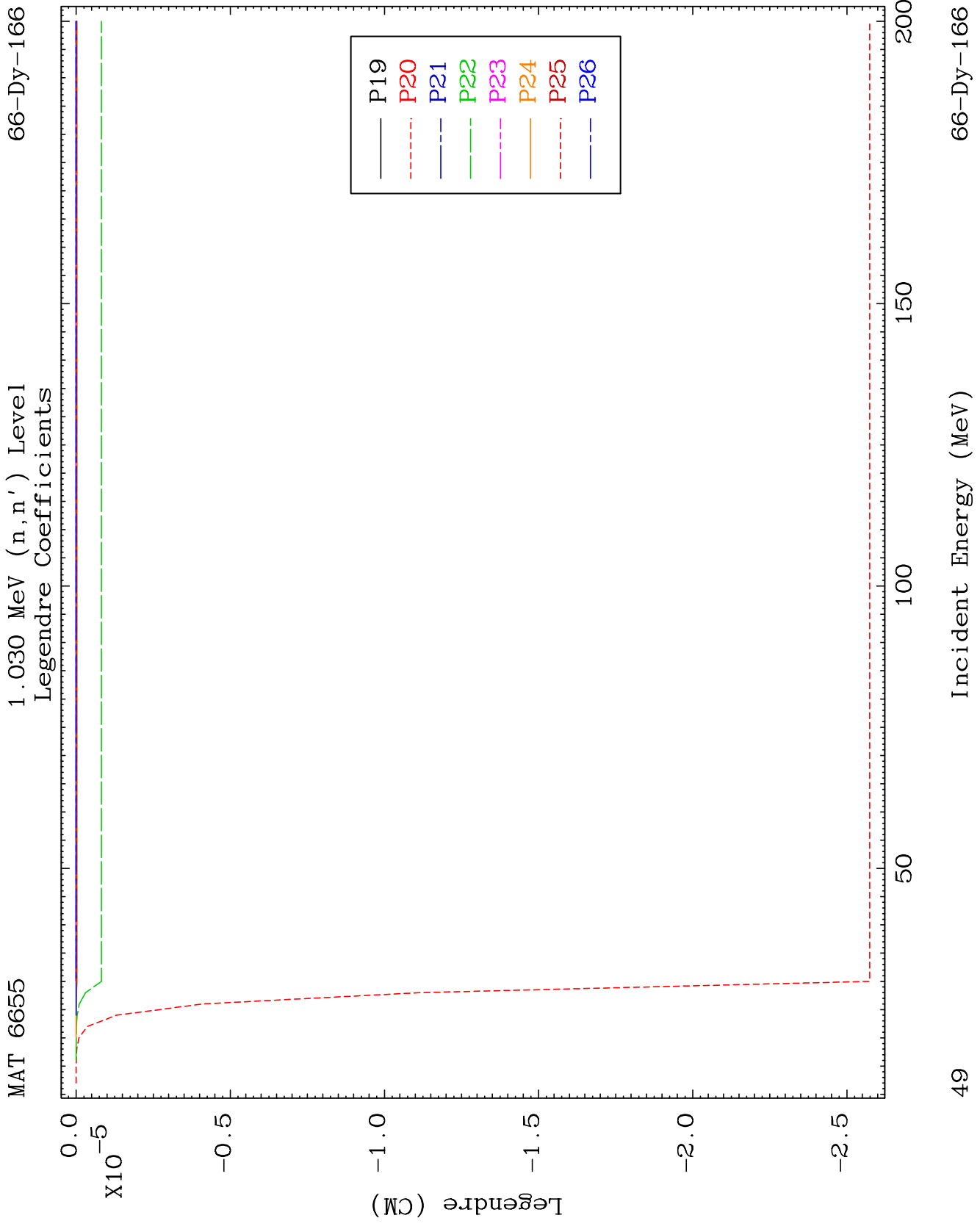
66-Dy-166



48

Incident Energy (MeV)

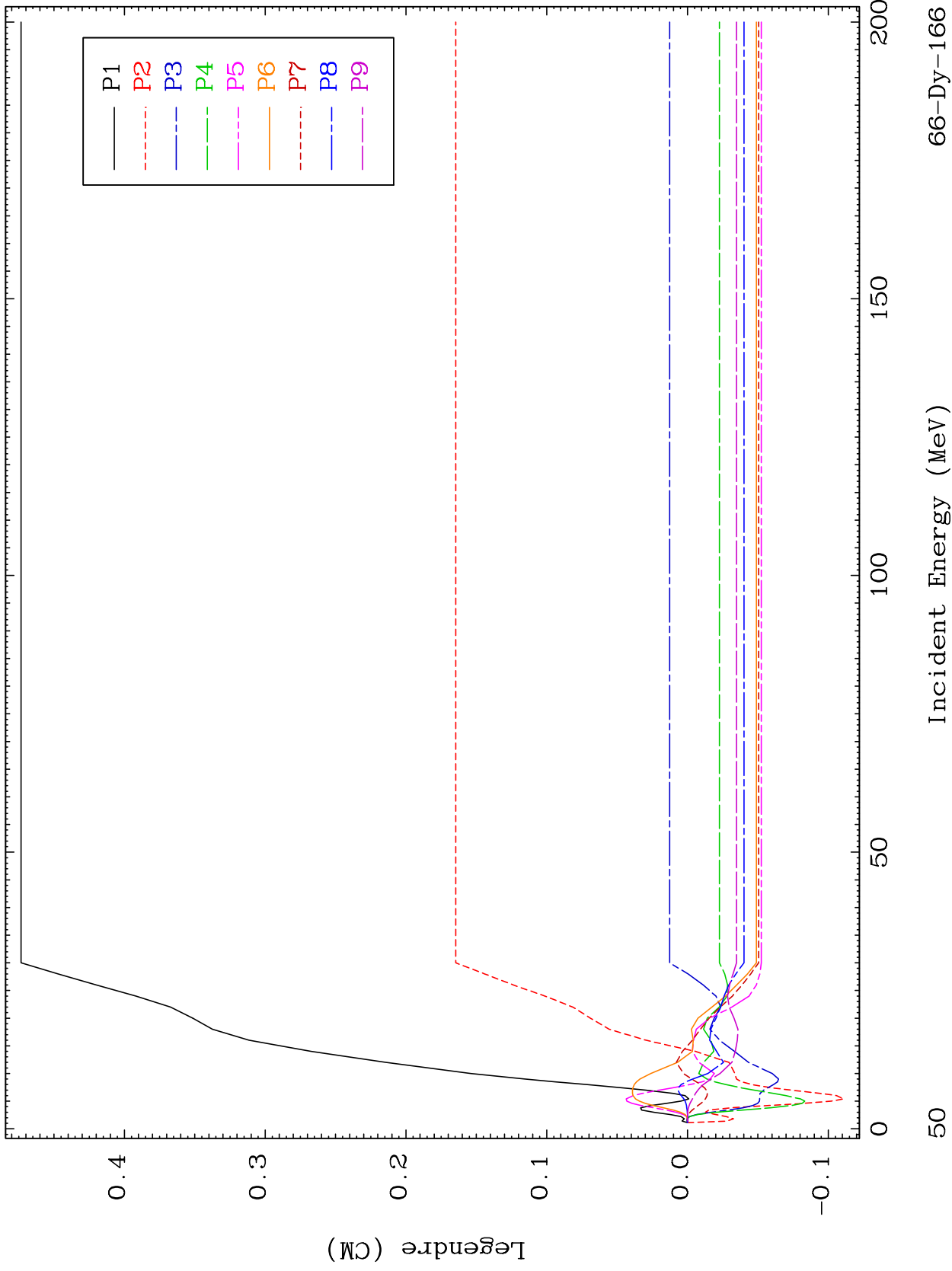
66-Dy-166



MAT 6655

1.095 MeV (n,n') Level
Legendre Coefficients

66-Dy-166

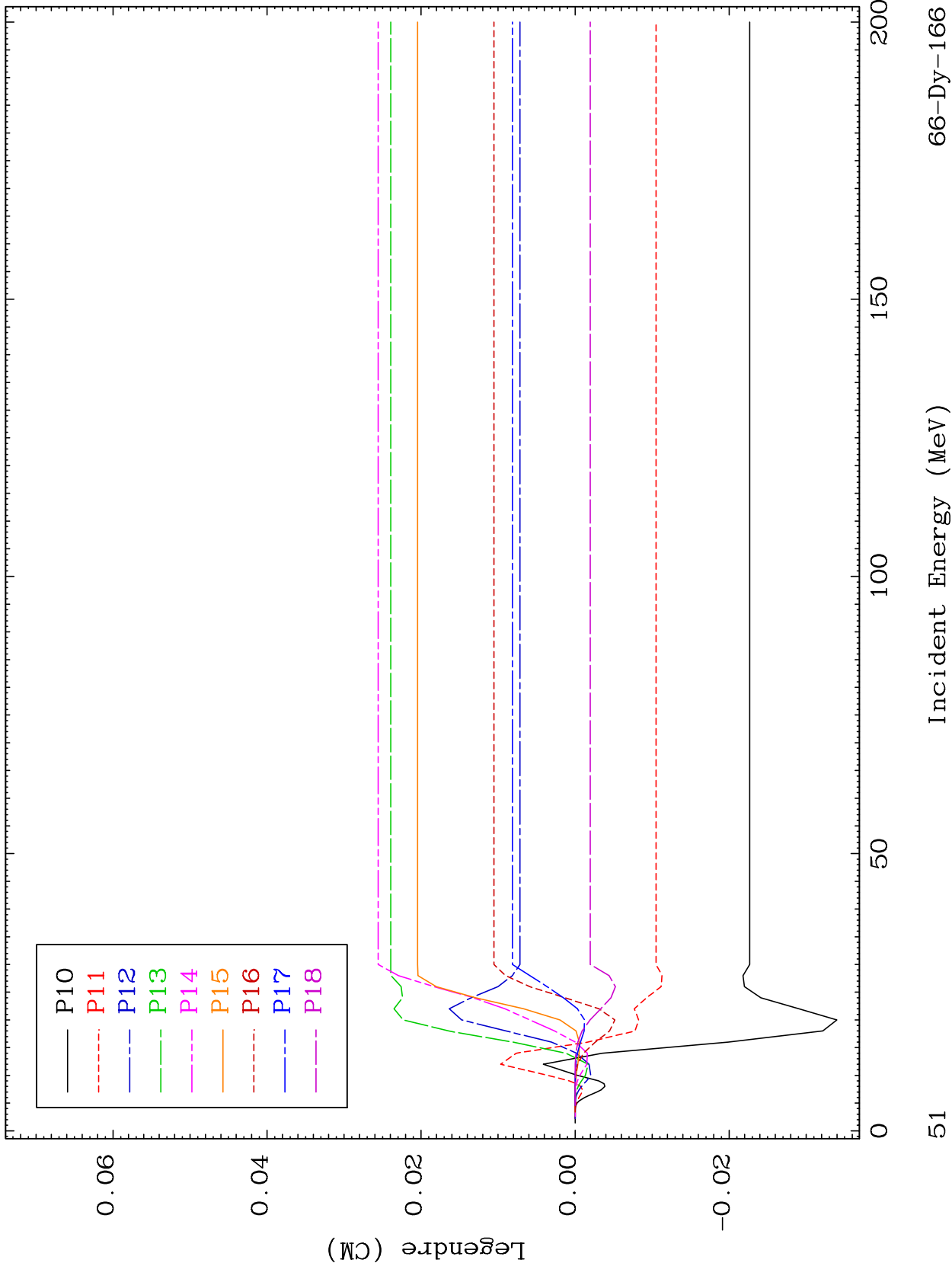


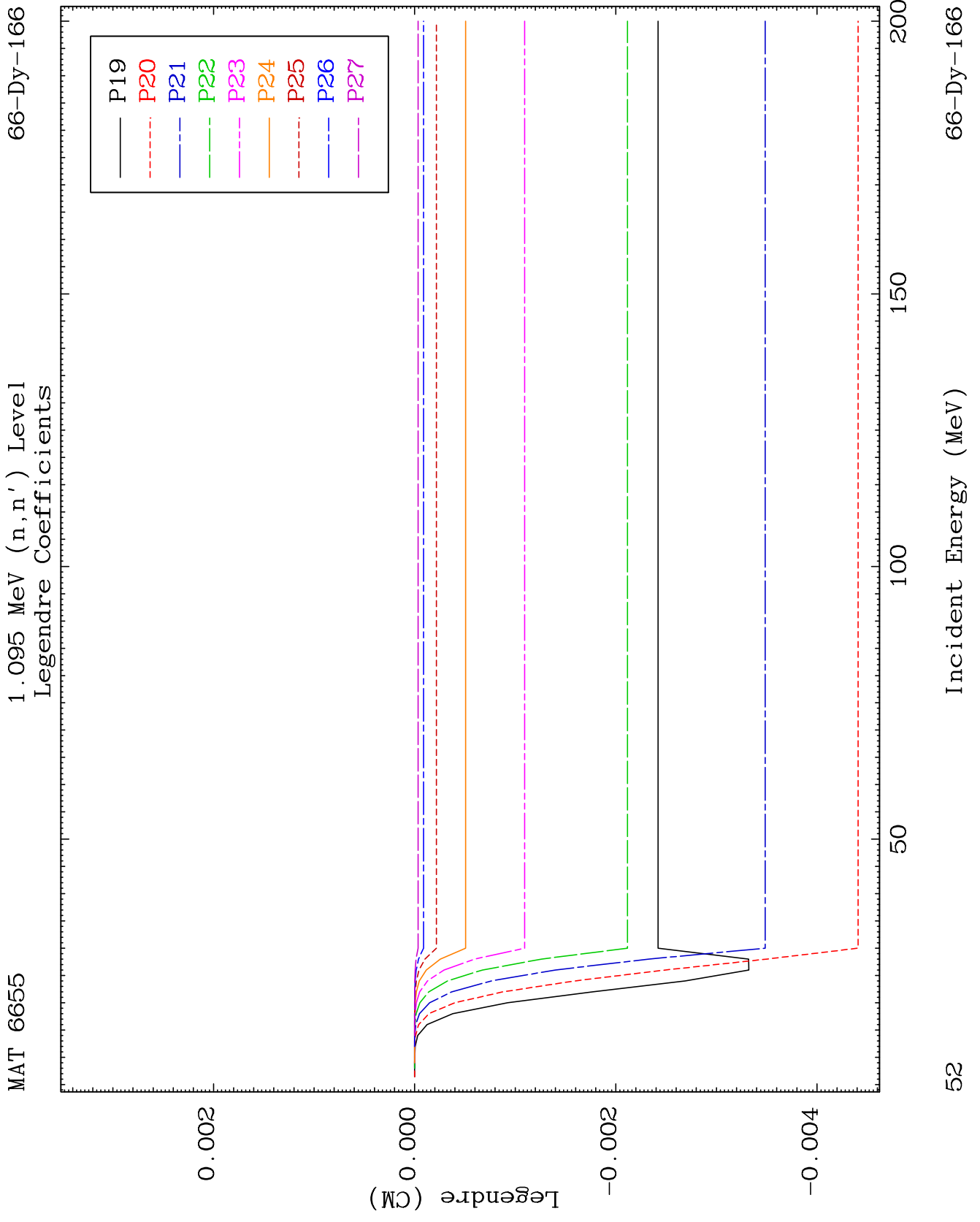
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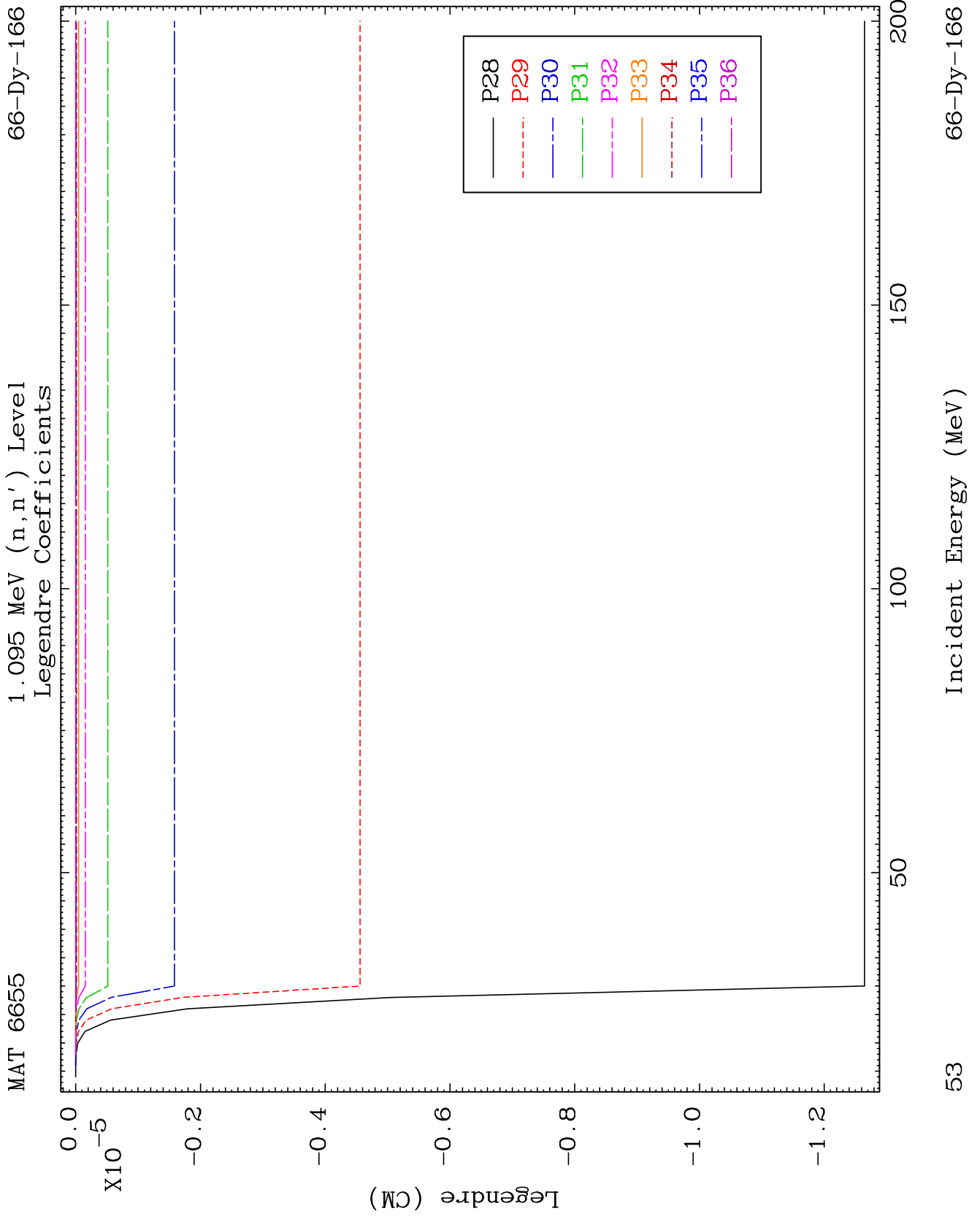
MAT 6655

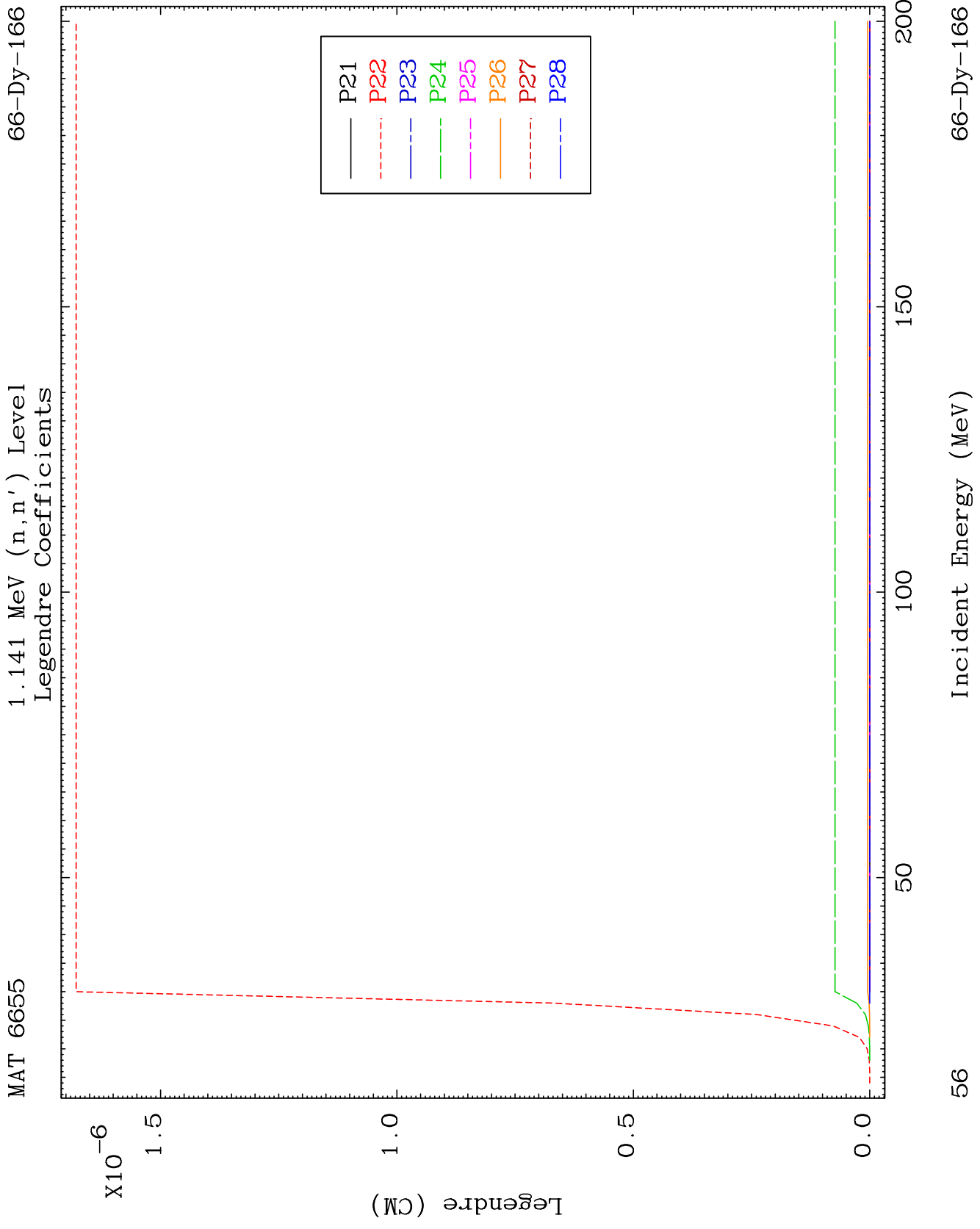
1.095 MeV (n,n') Level
Legendre Coefficients

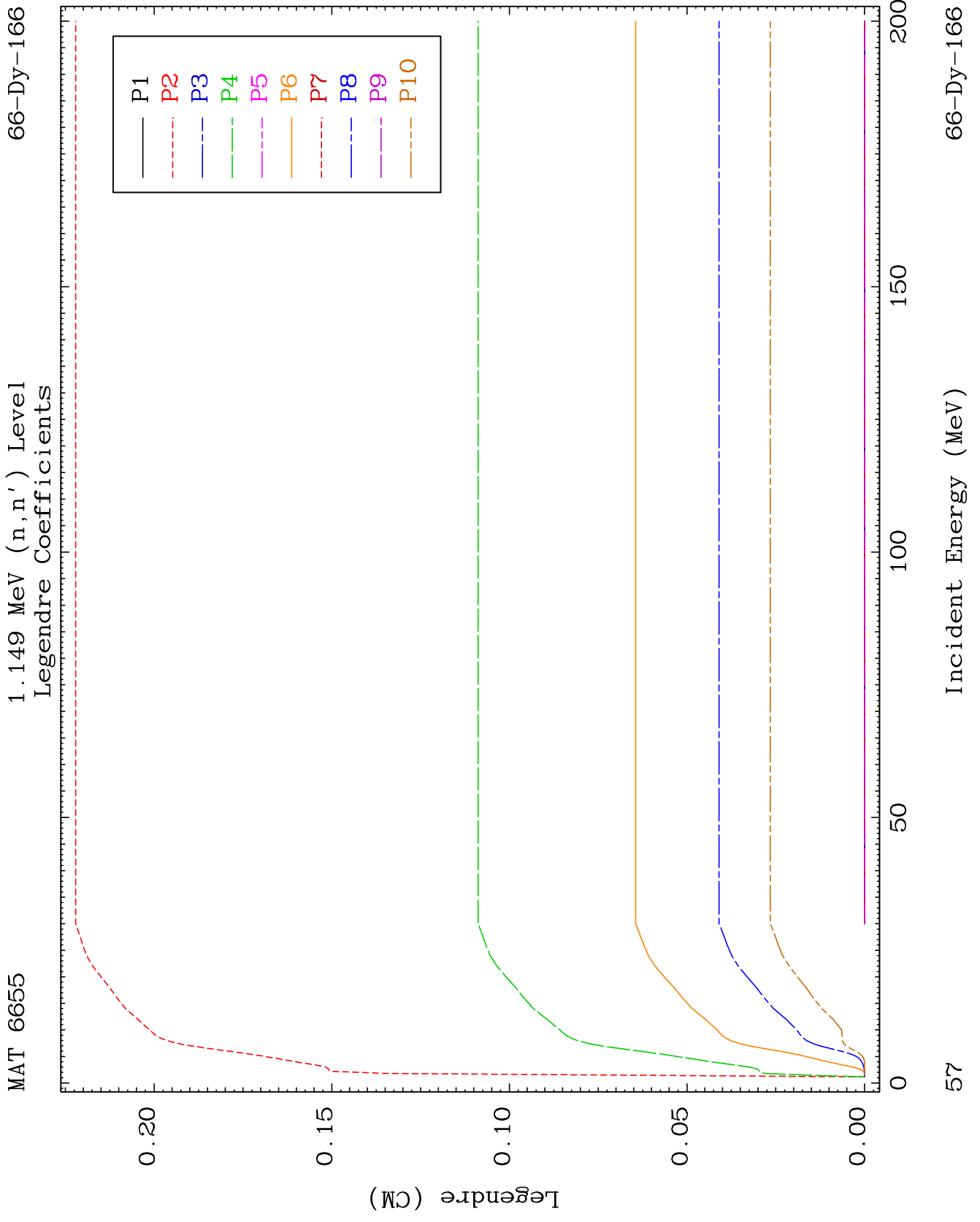
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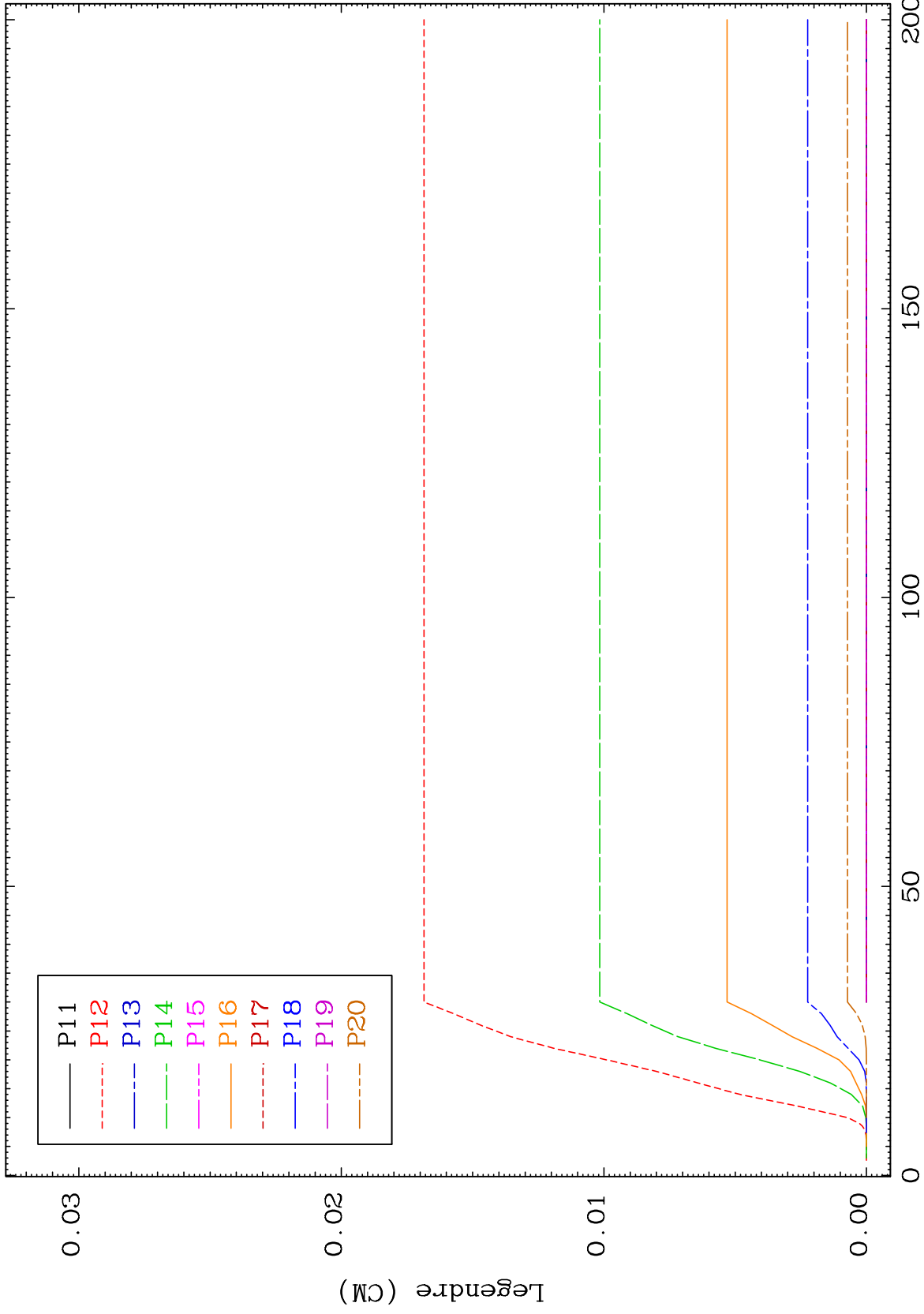




MAT 6655

1.149 MeV (n,n') Level
Legendre Coefficients

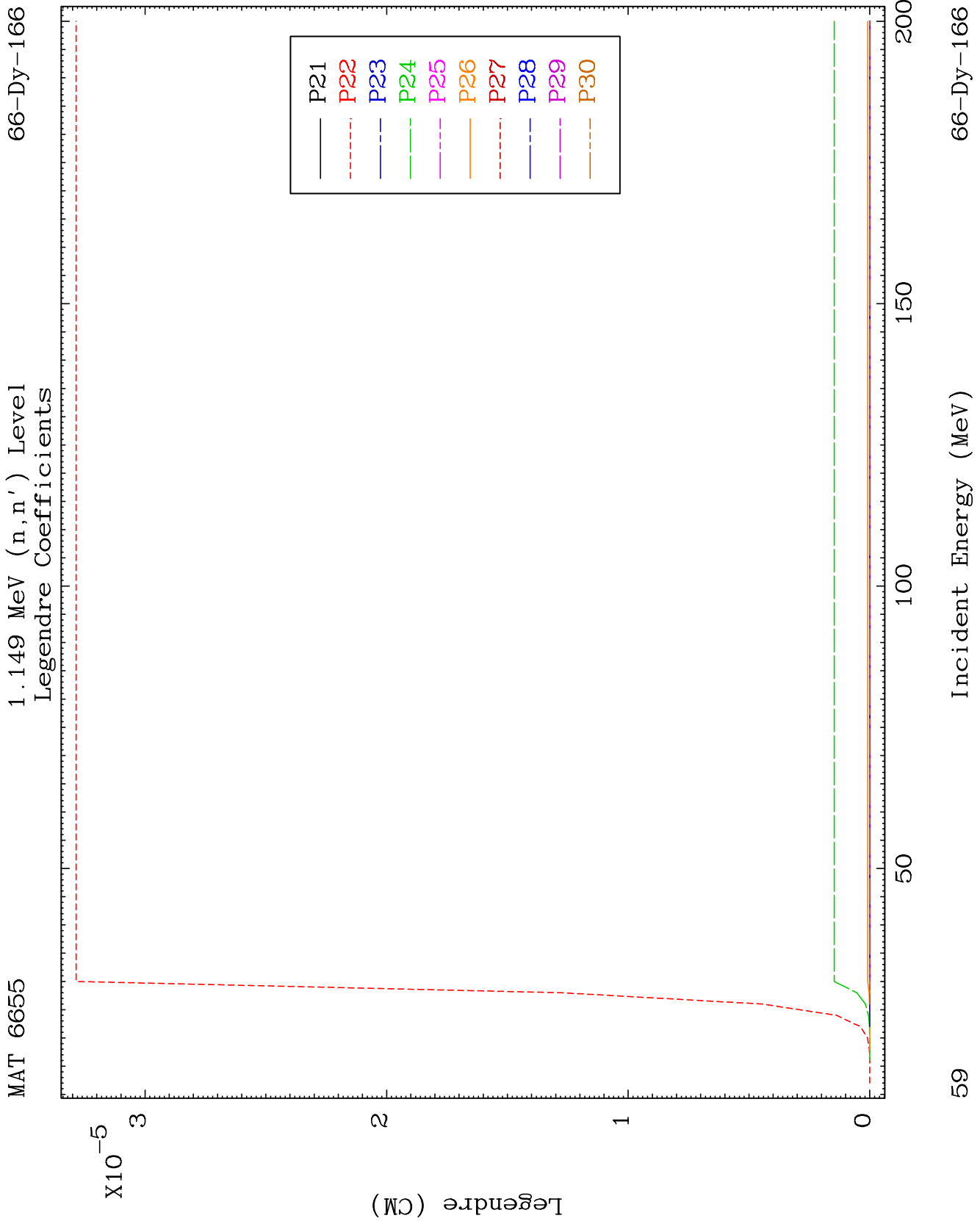
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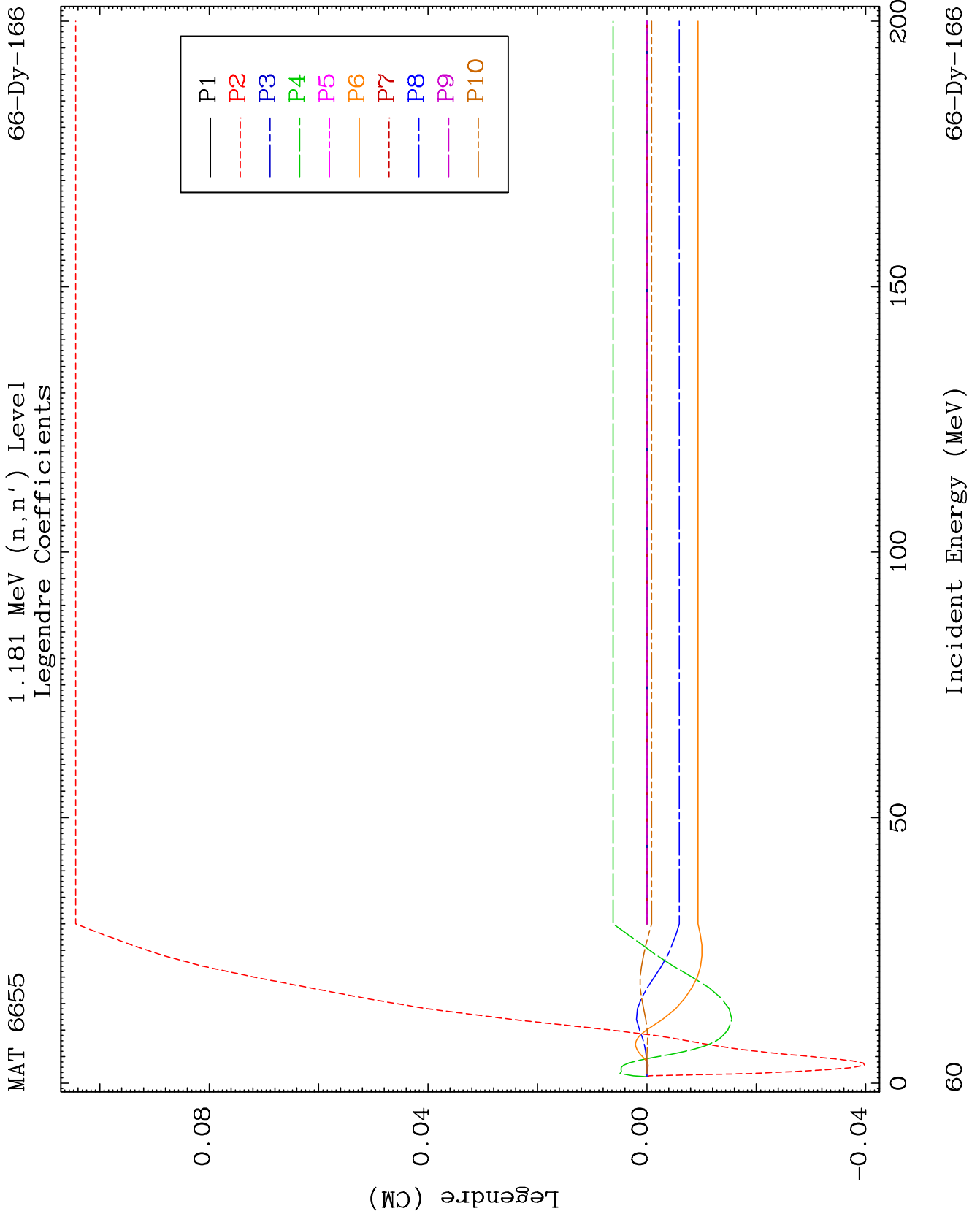


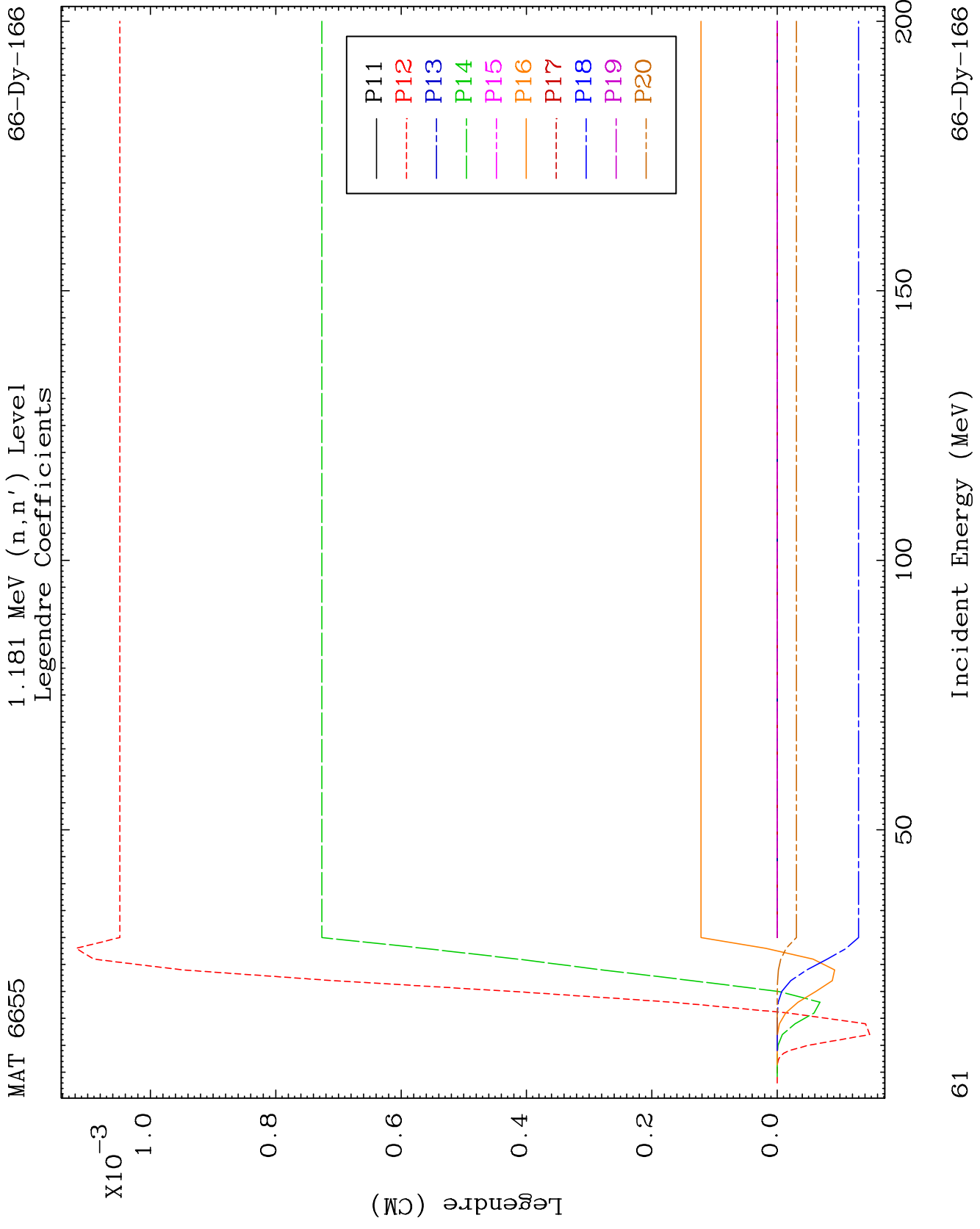
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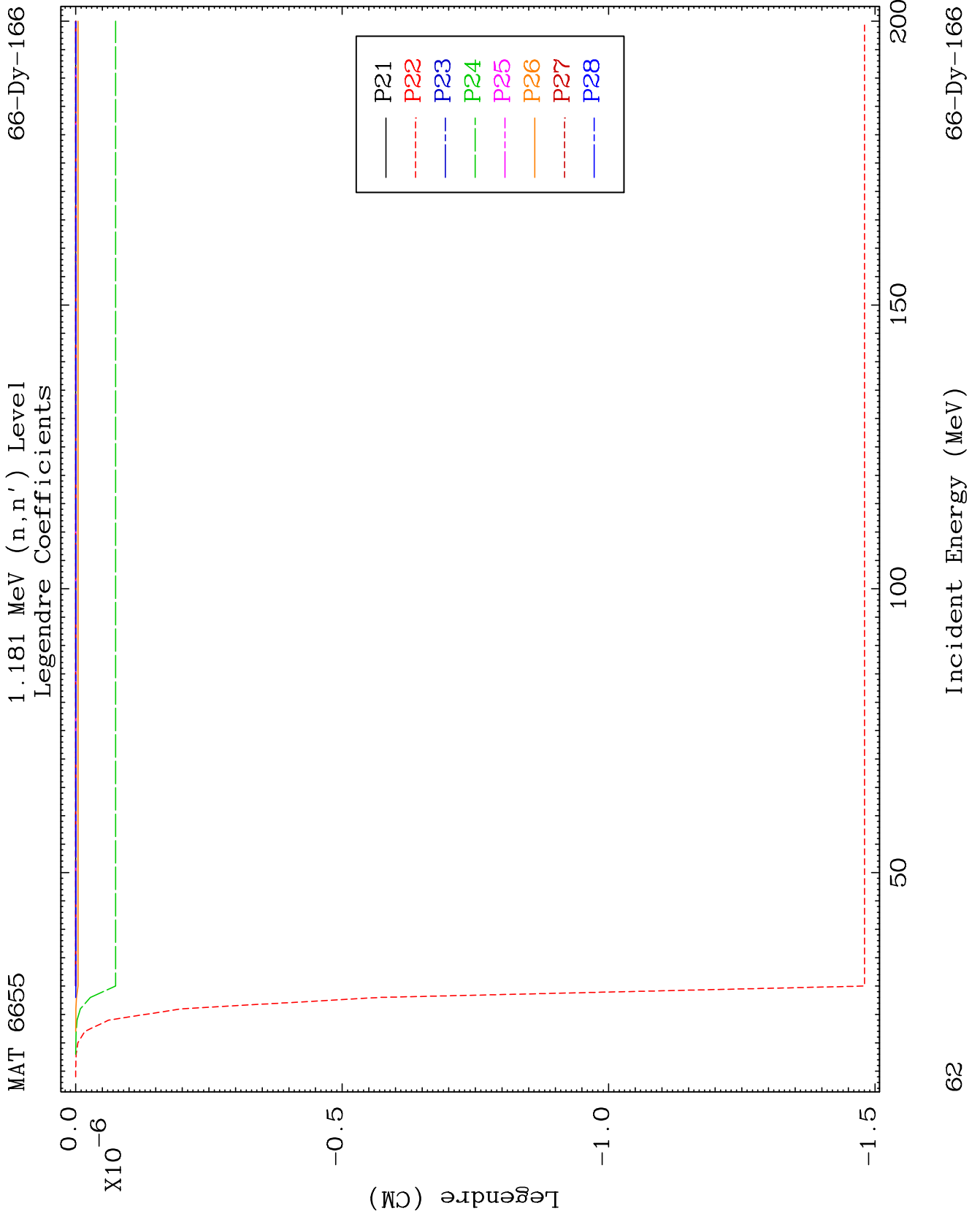
Incident Energy (MeV)

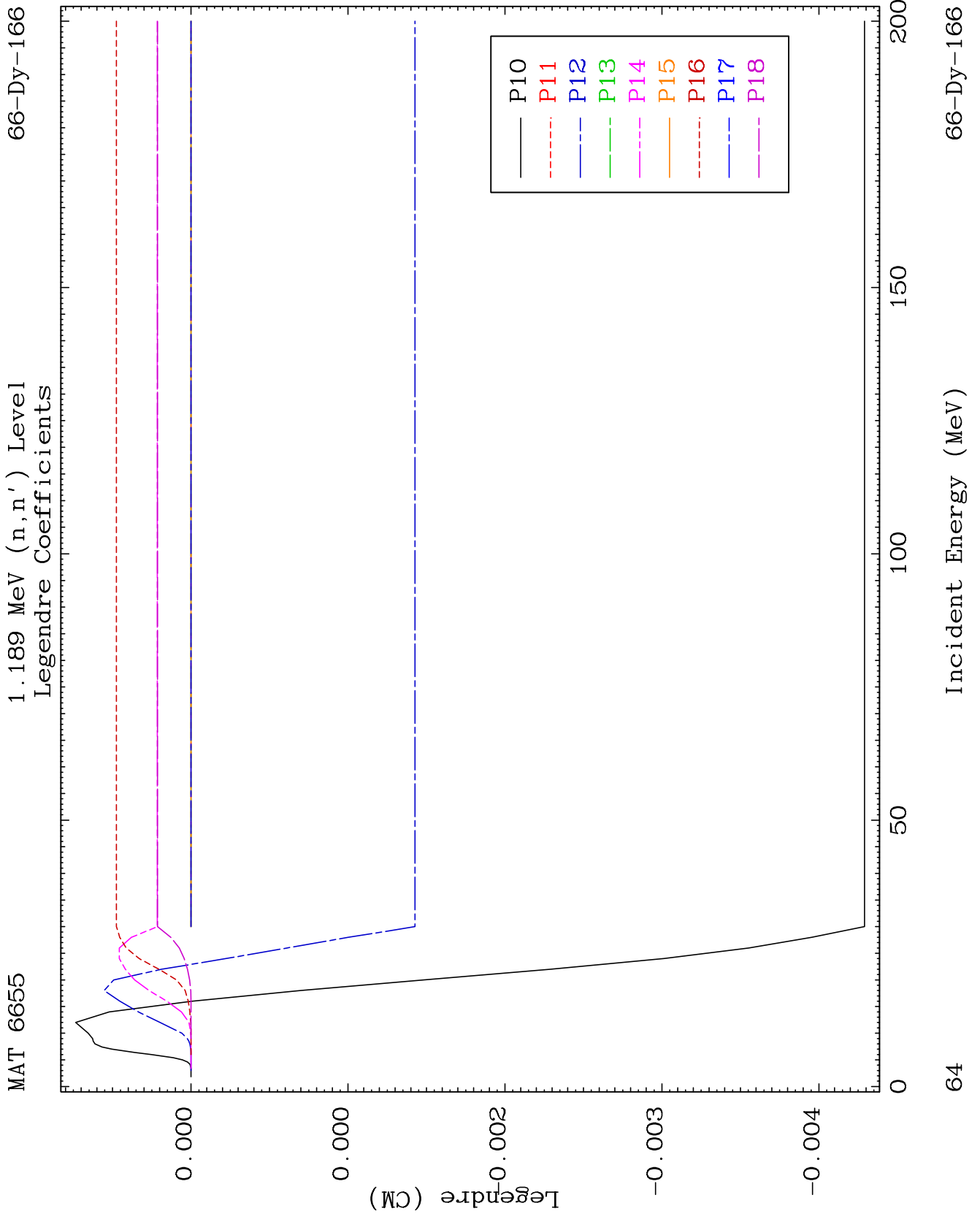
66-Dy-166

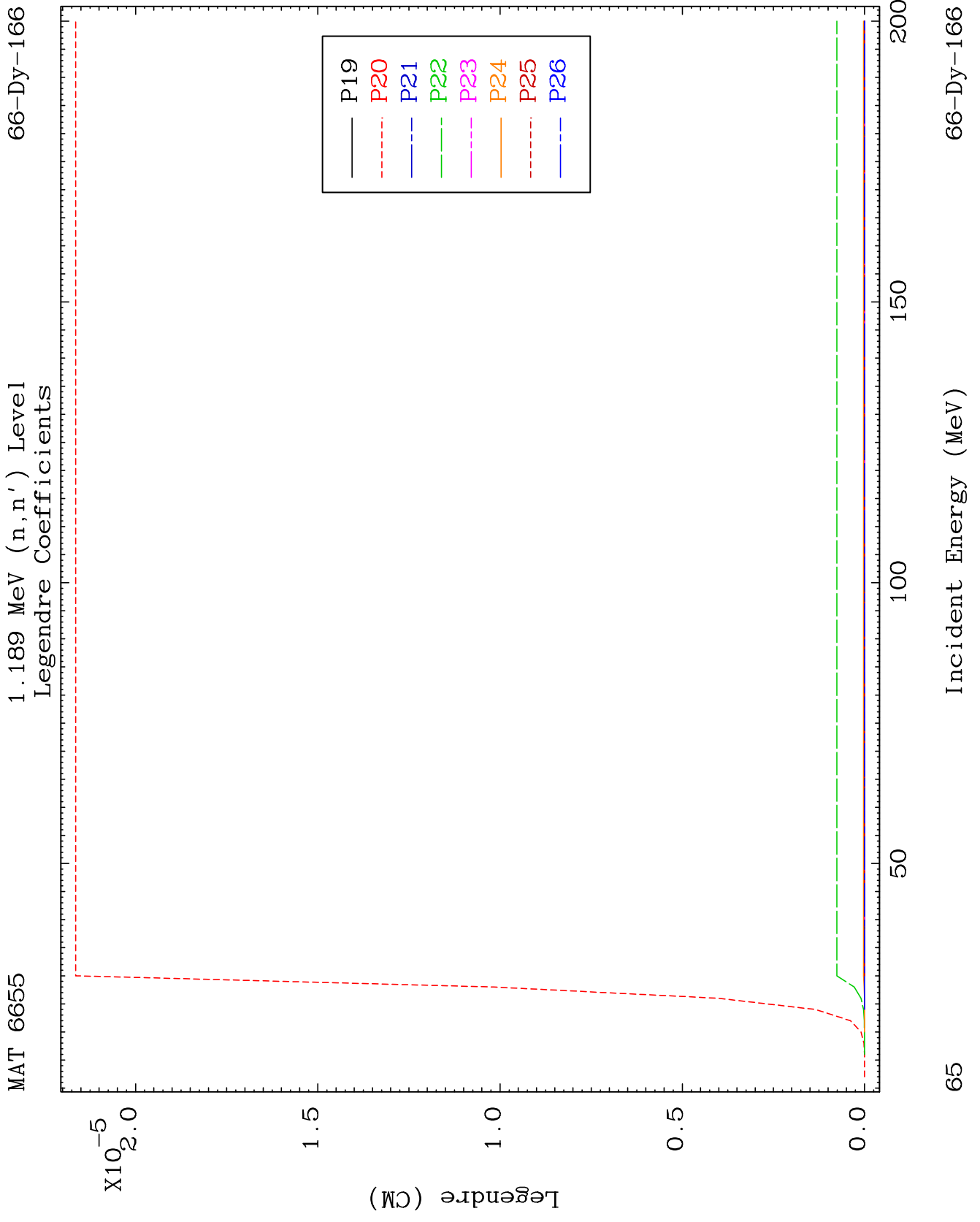


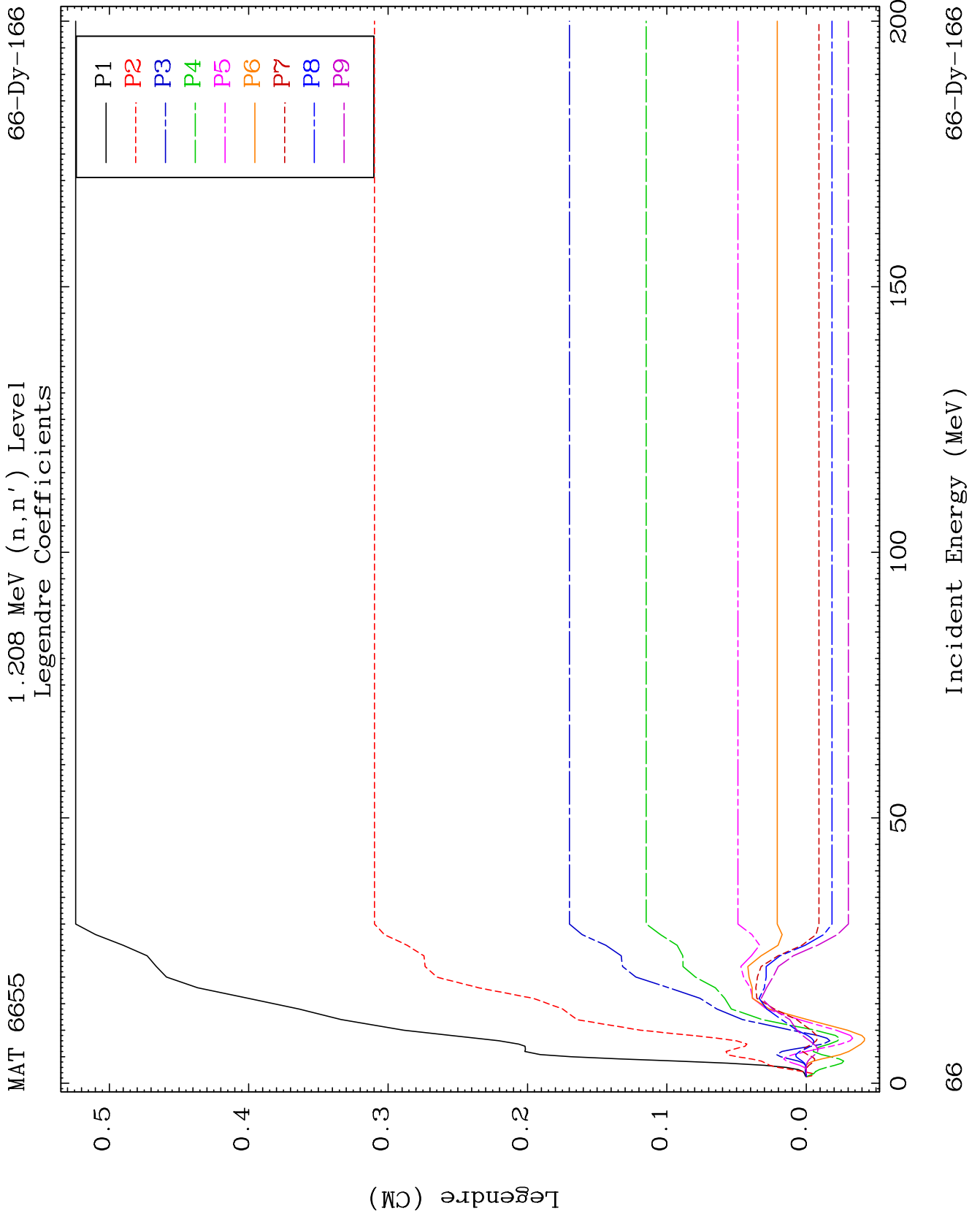


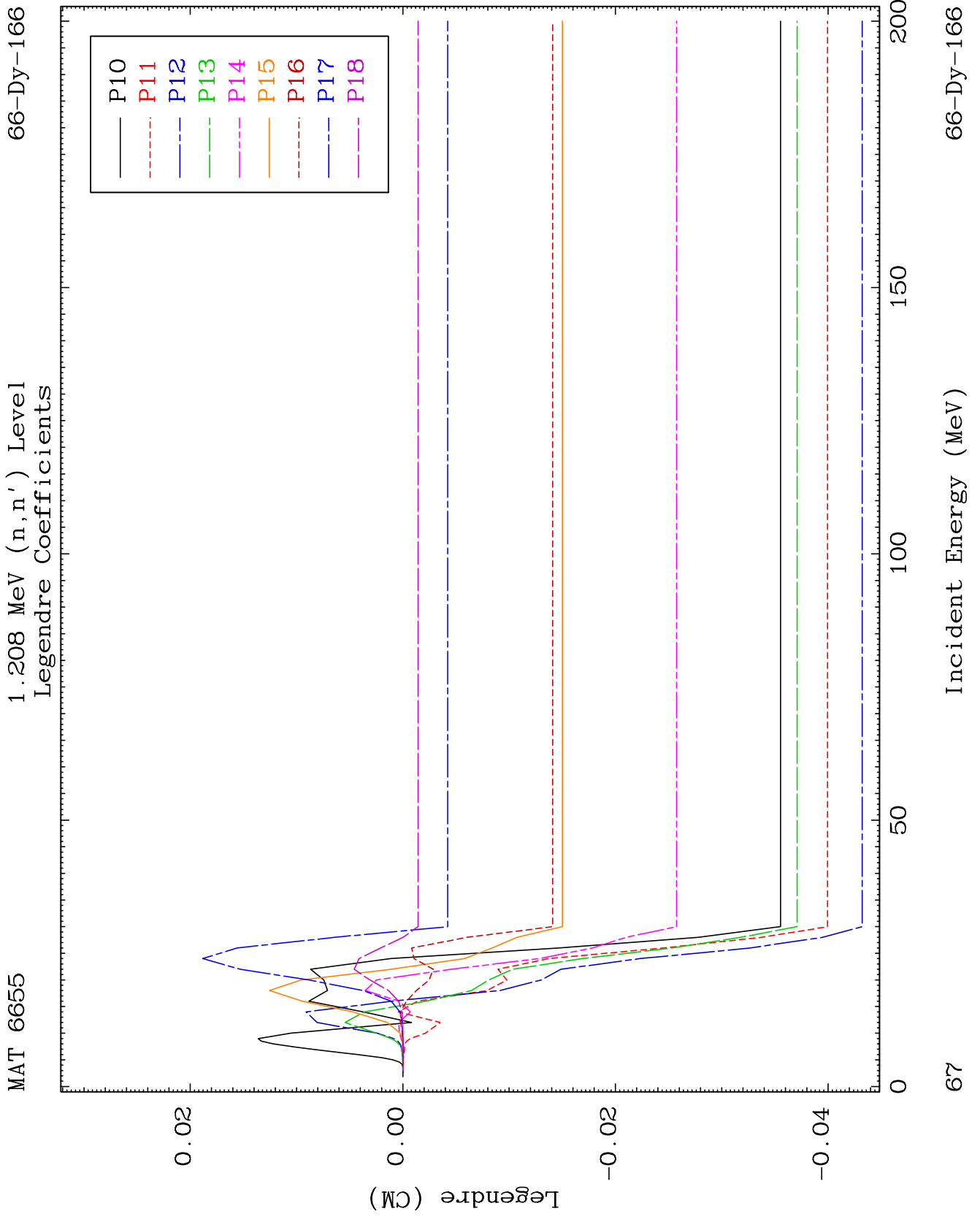


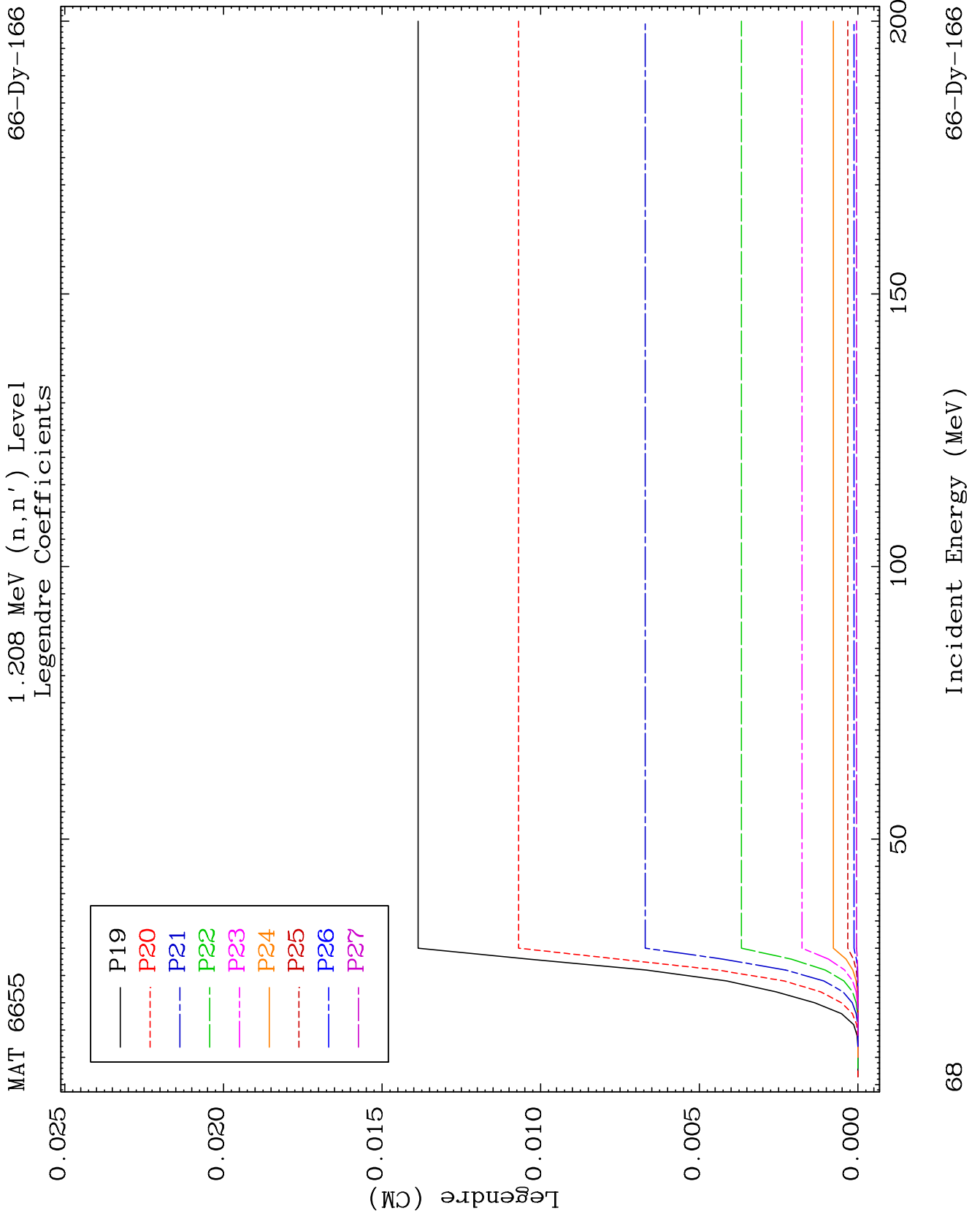


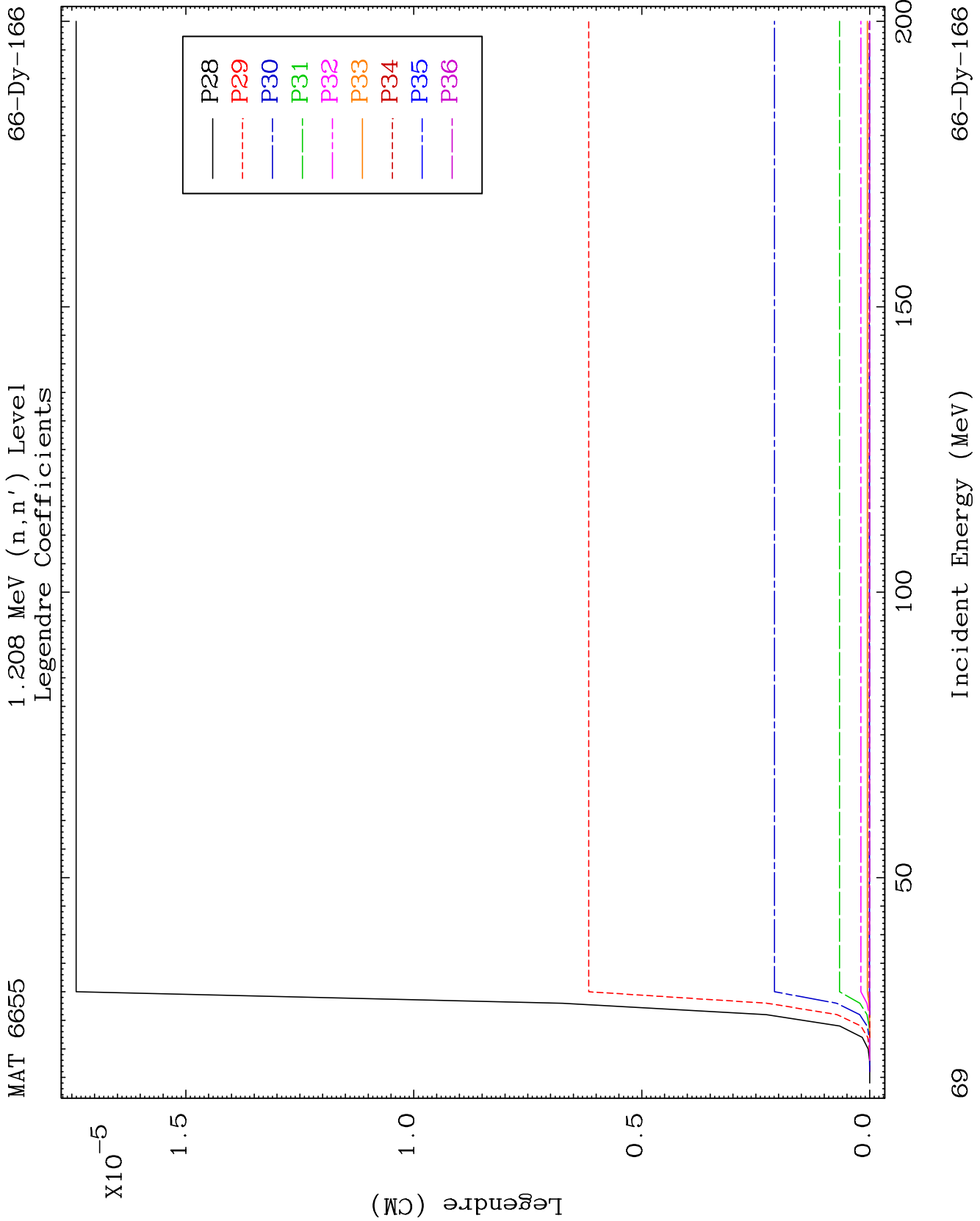








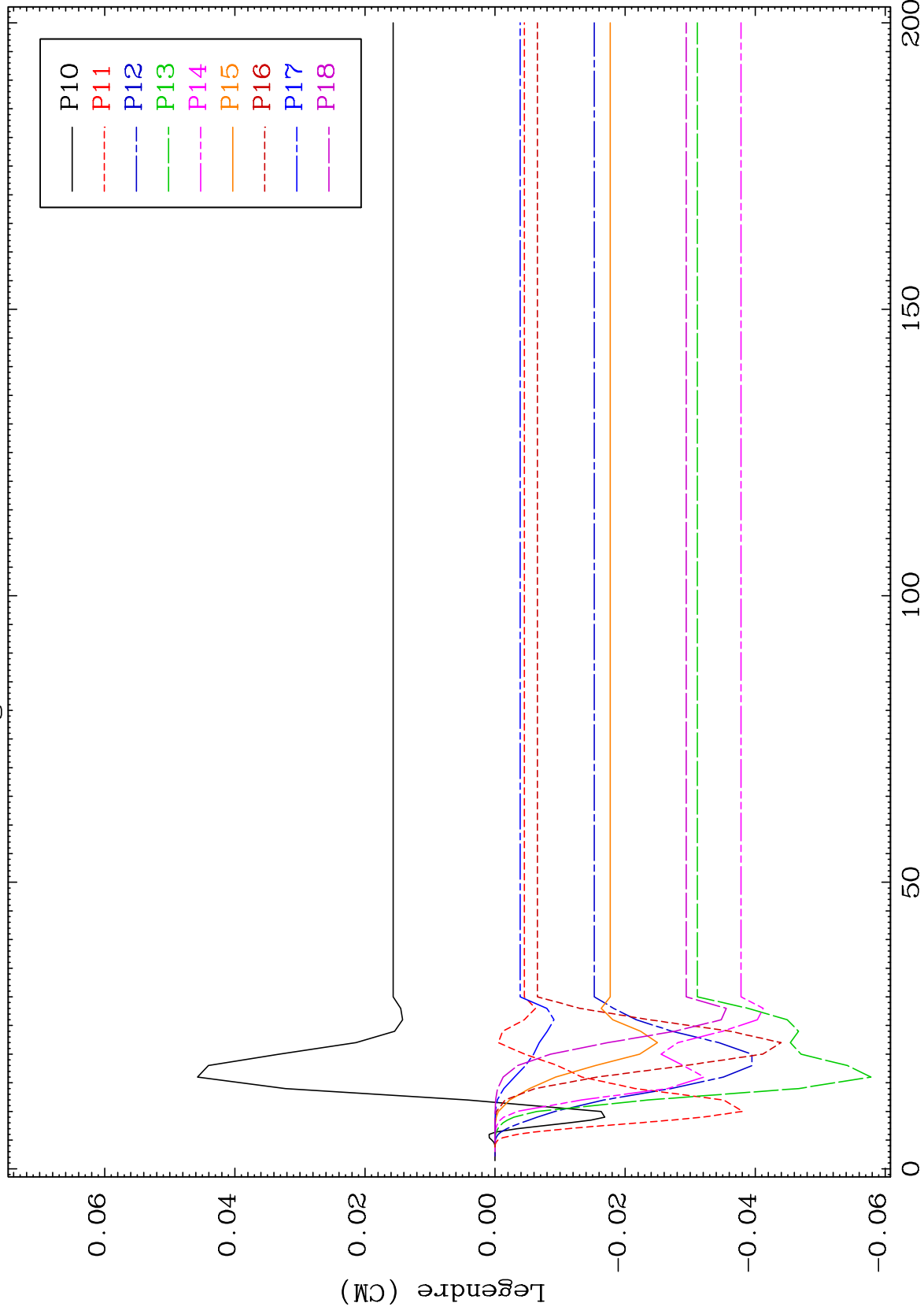




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1.274 MeV (n,n') Level
Legendre Coefficients

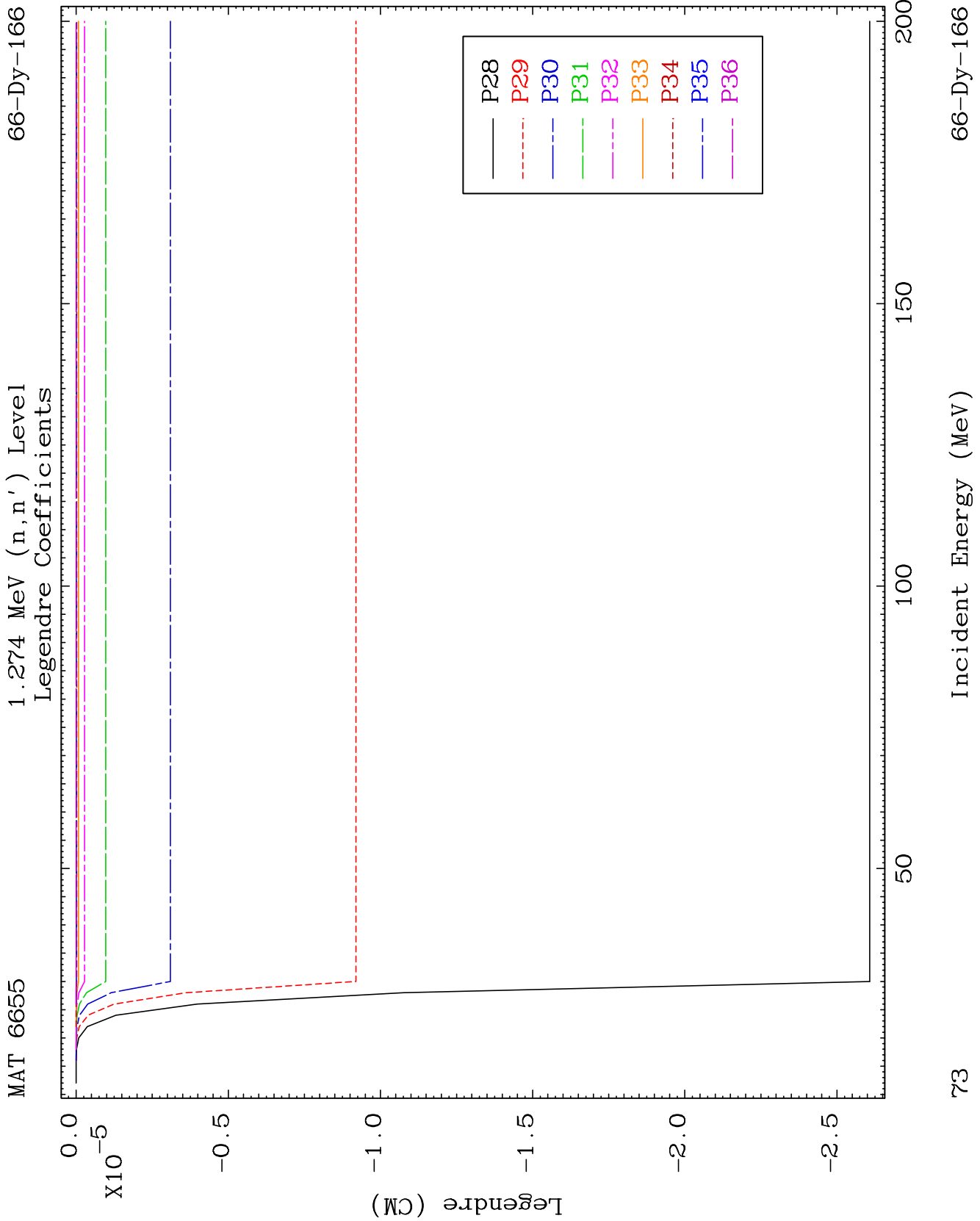
66-Dy-166

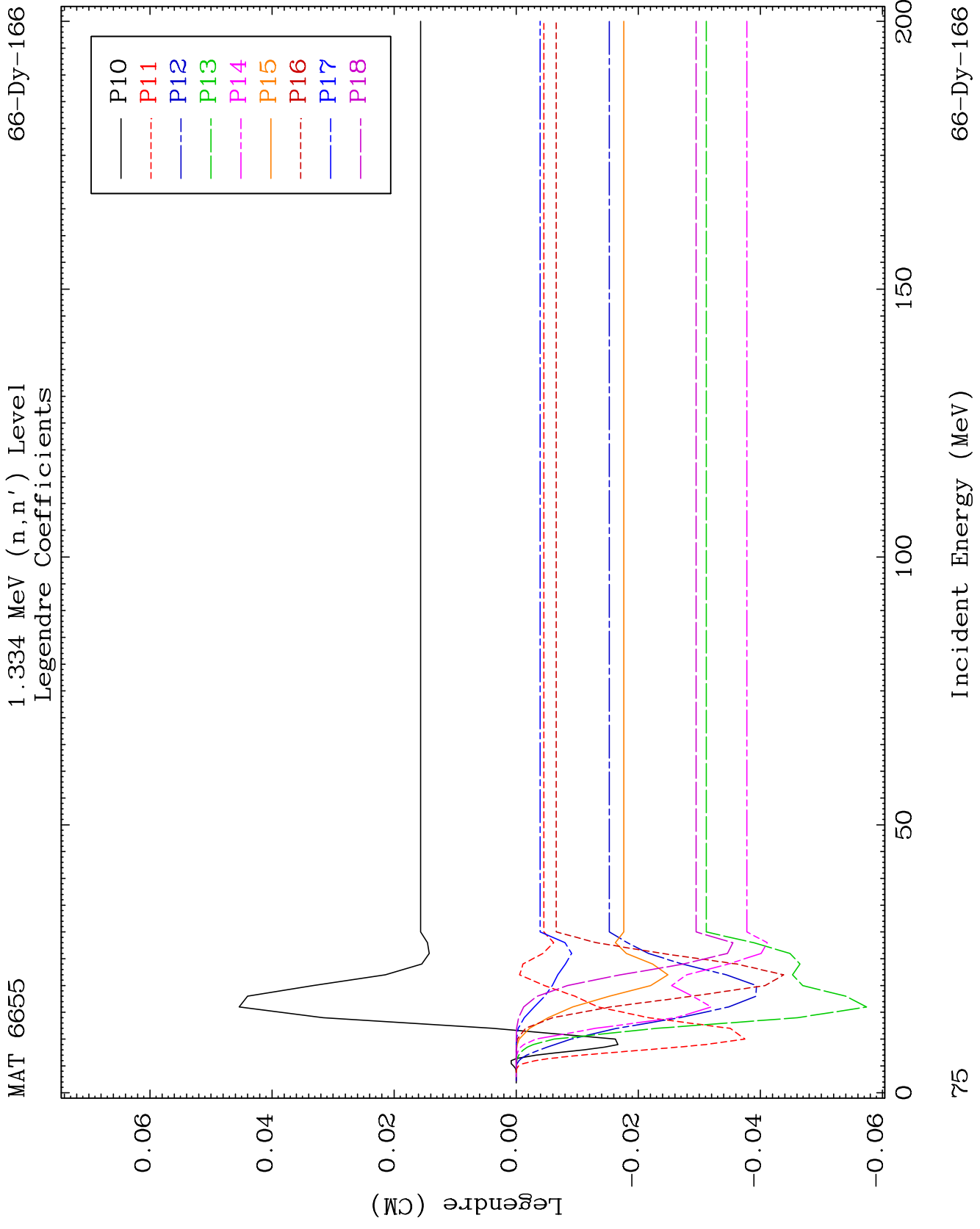


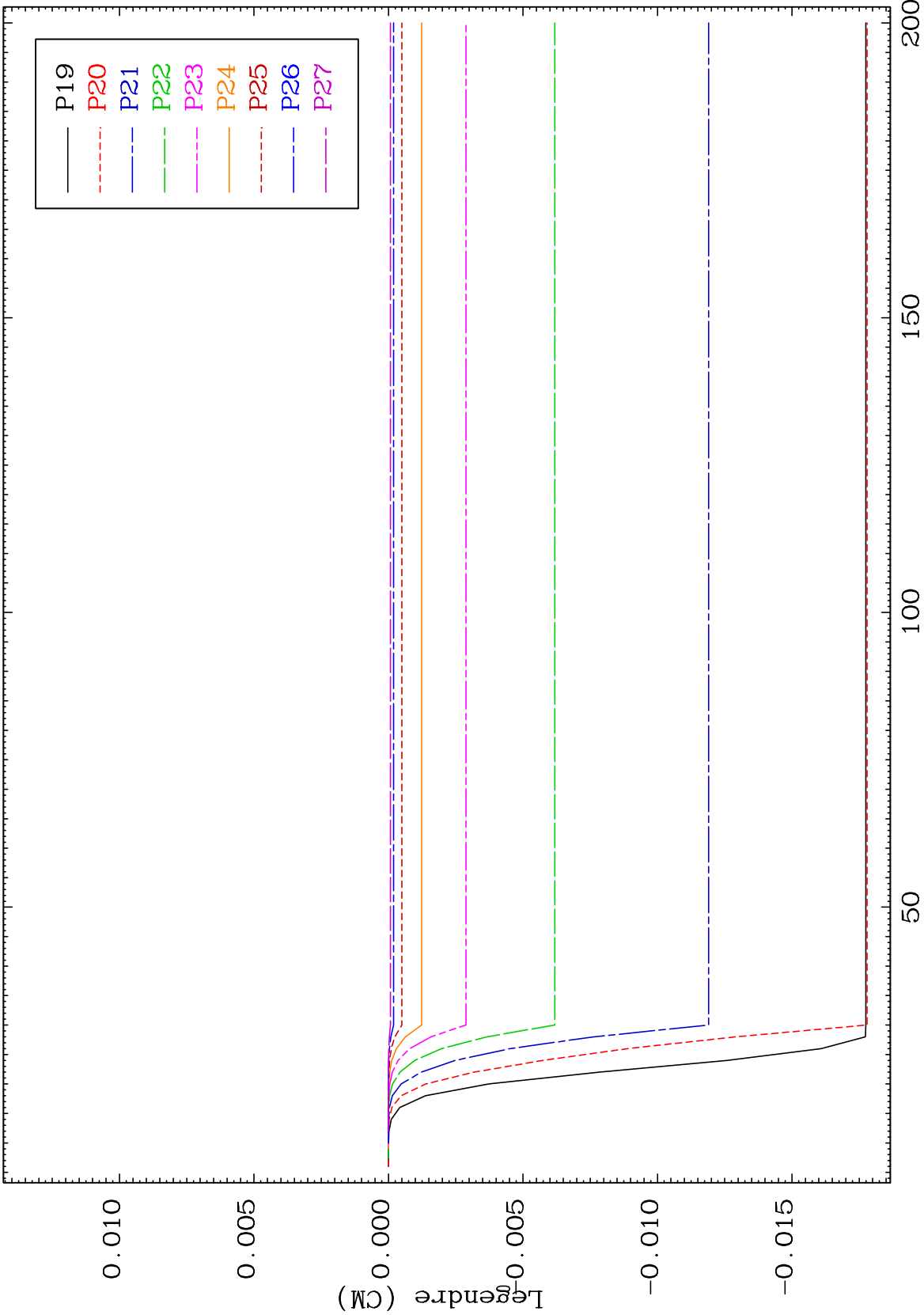
71

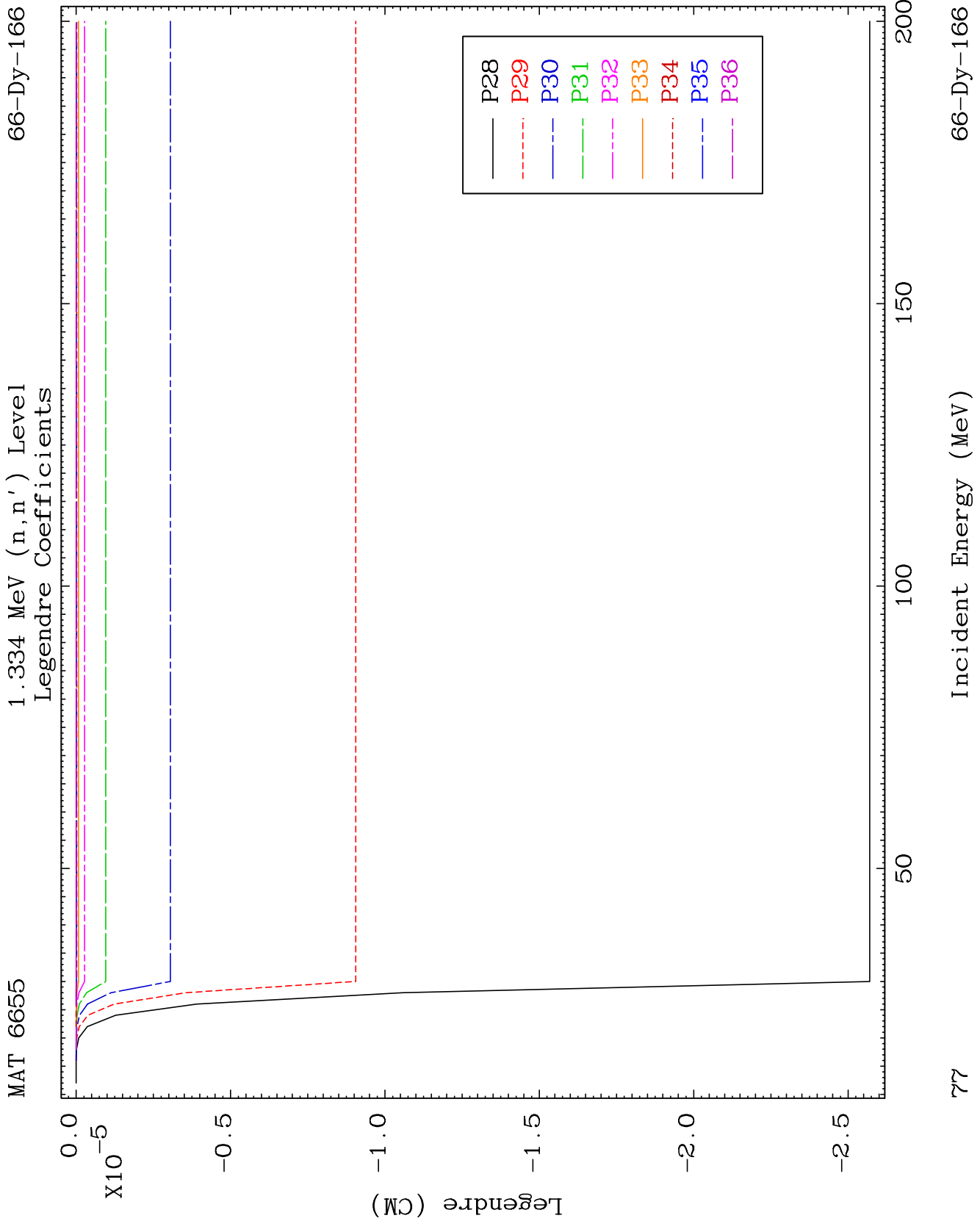
Incident Energy (MeV)

66-Dy-166





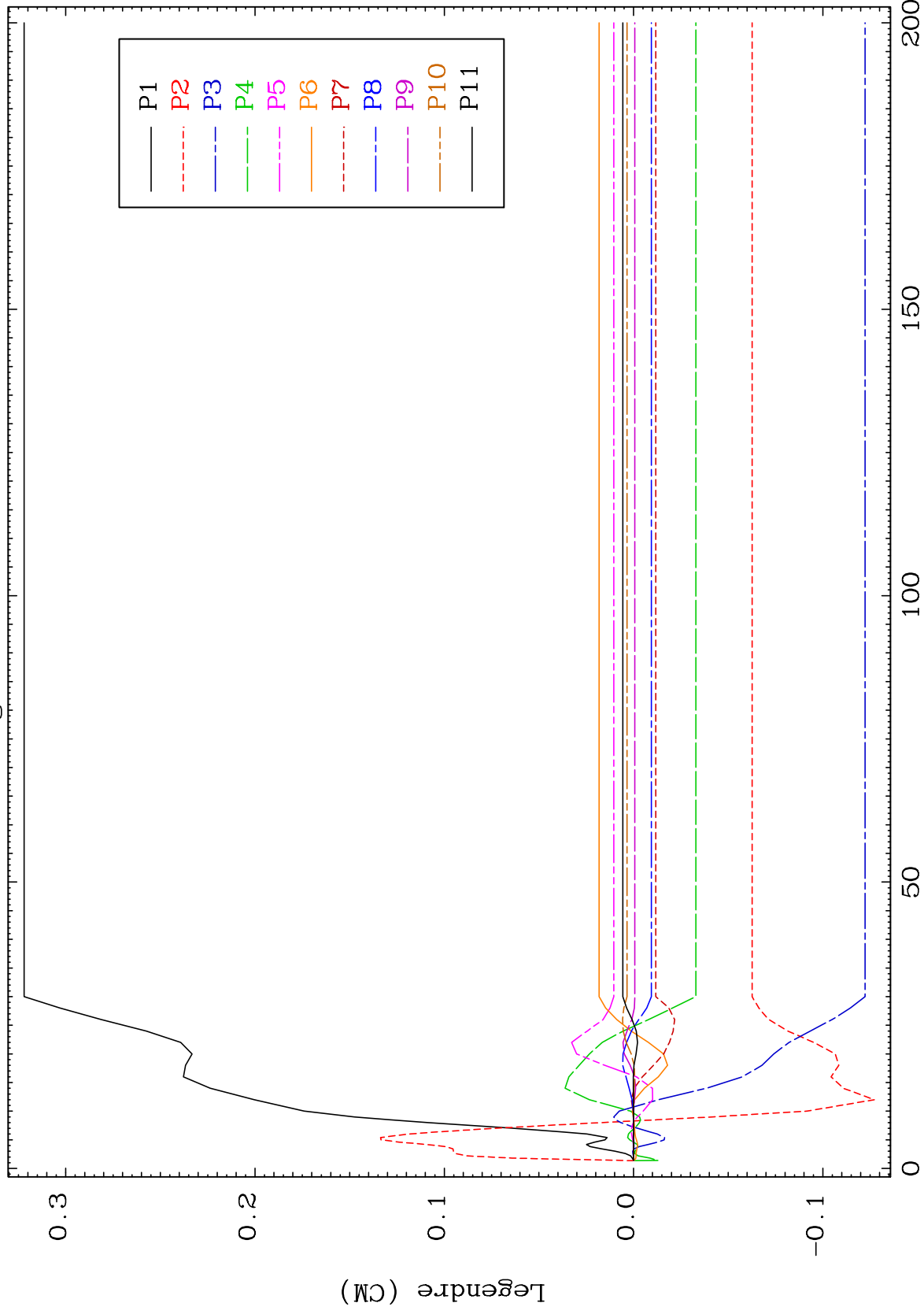




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1.341 MeV (n,n') Level
Legendre Coefficients

66-Dy-166



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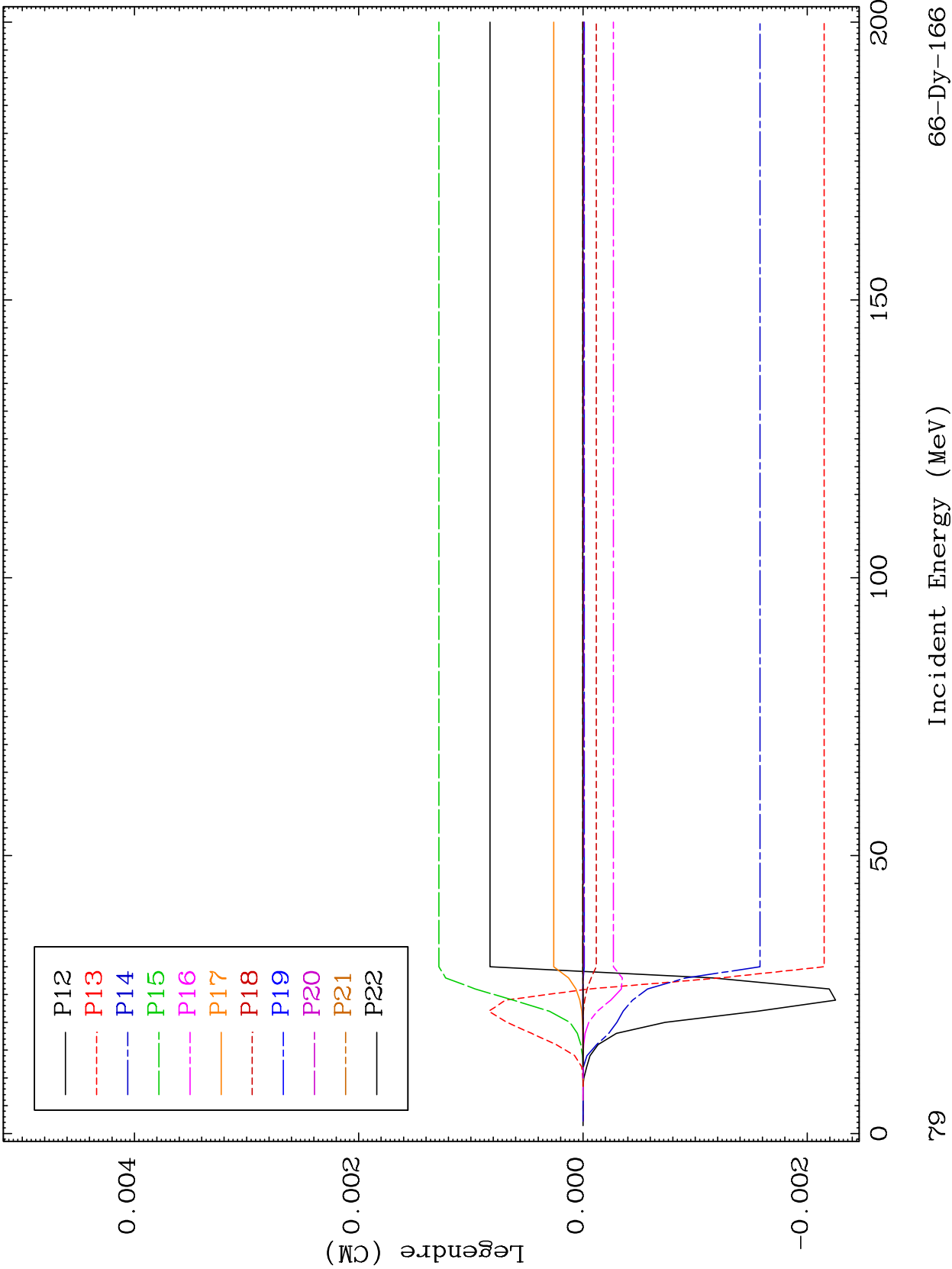
Incident Energy (MeV)

66-Dy-166

MAT 6655

1.341 MeV (n, n') Level
Legendre Coefficients

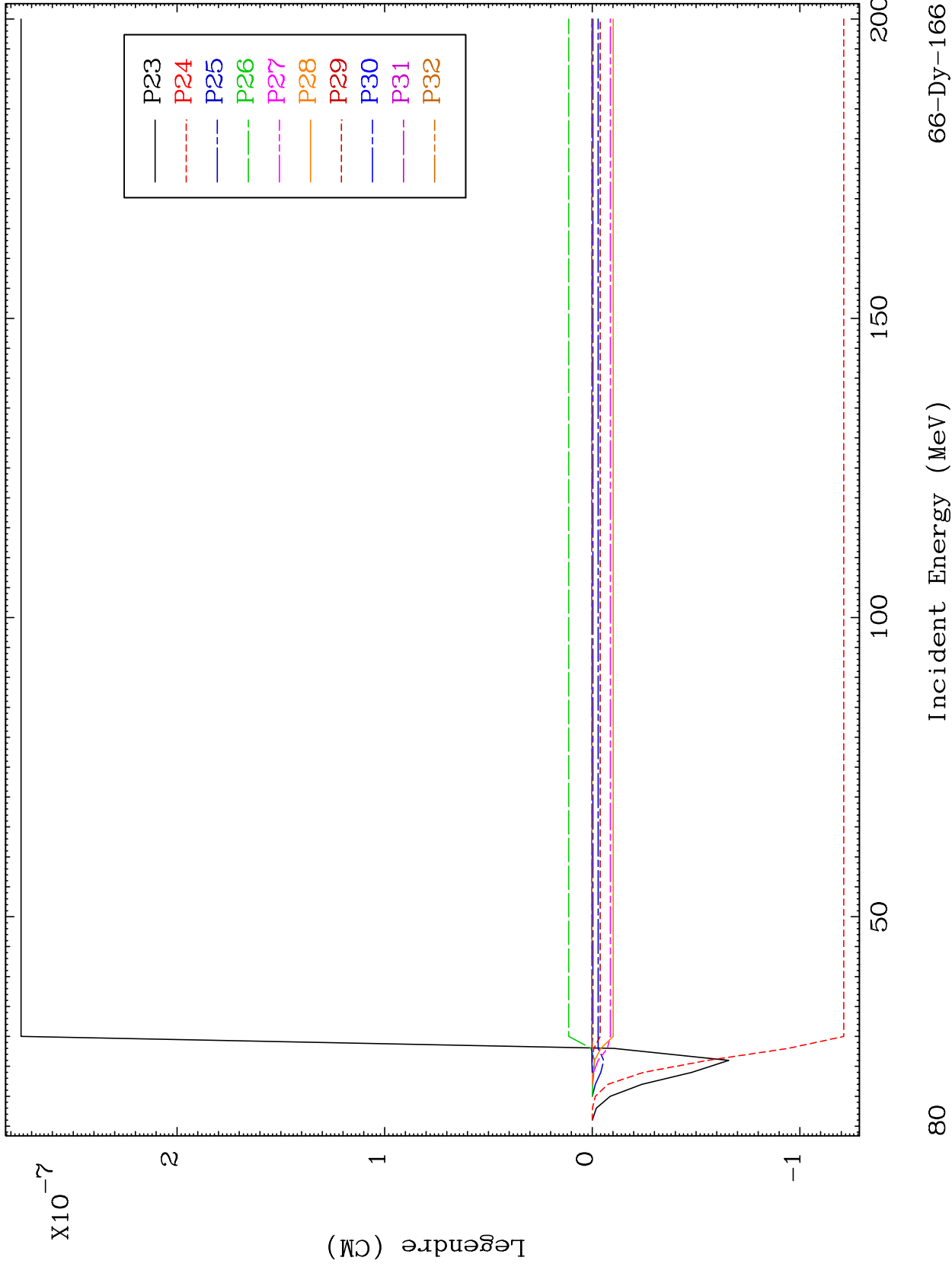
66-Dy-166

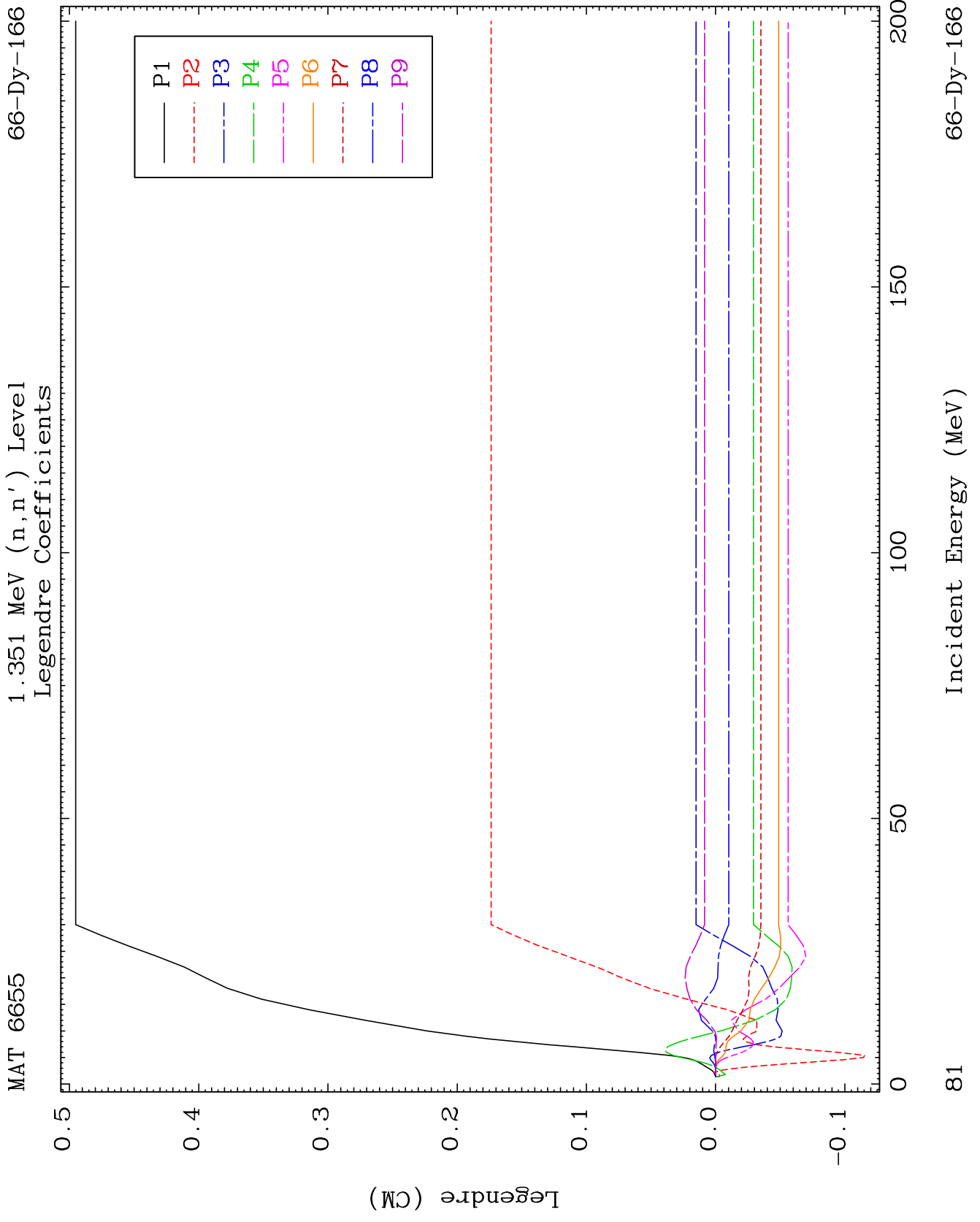


MAT 6655

1.341 MeV (n,n') Level
Legendre Coefficients

66-Dy-166

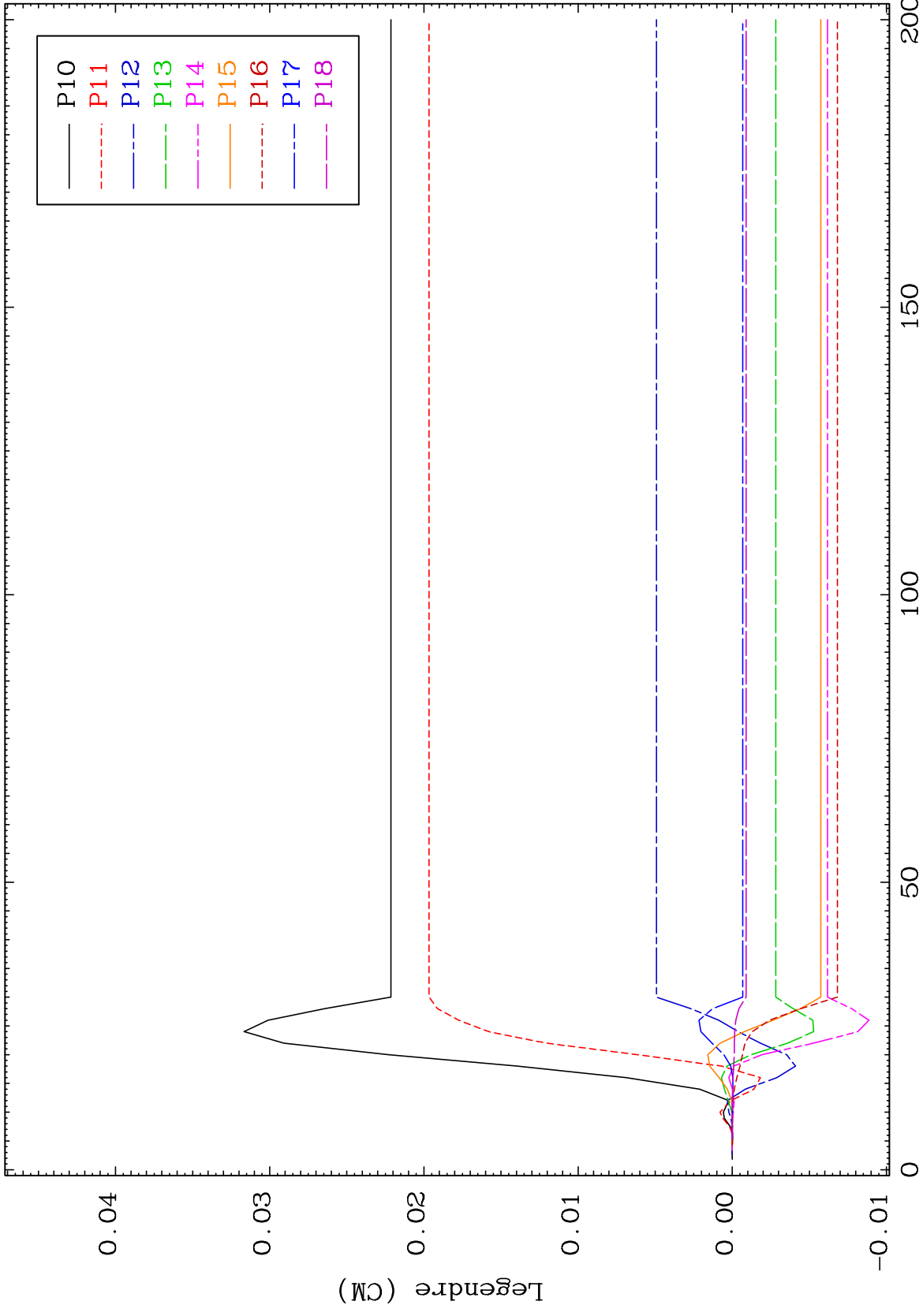




MAT 6655

1.351 MeV (n,n') Level
Legendre Coefficients

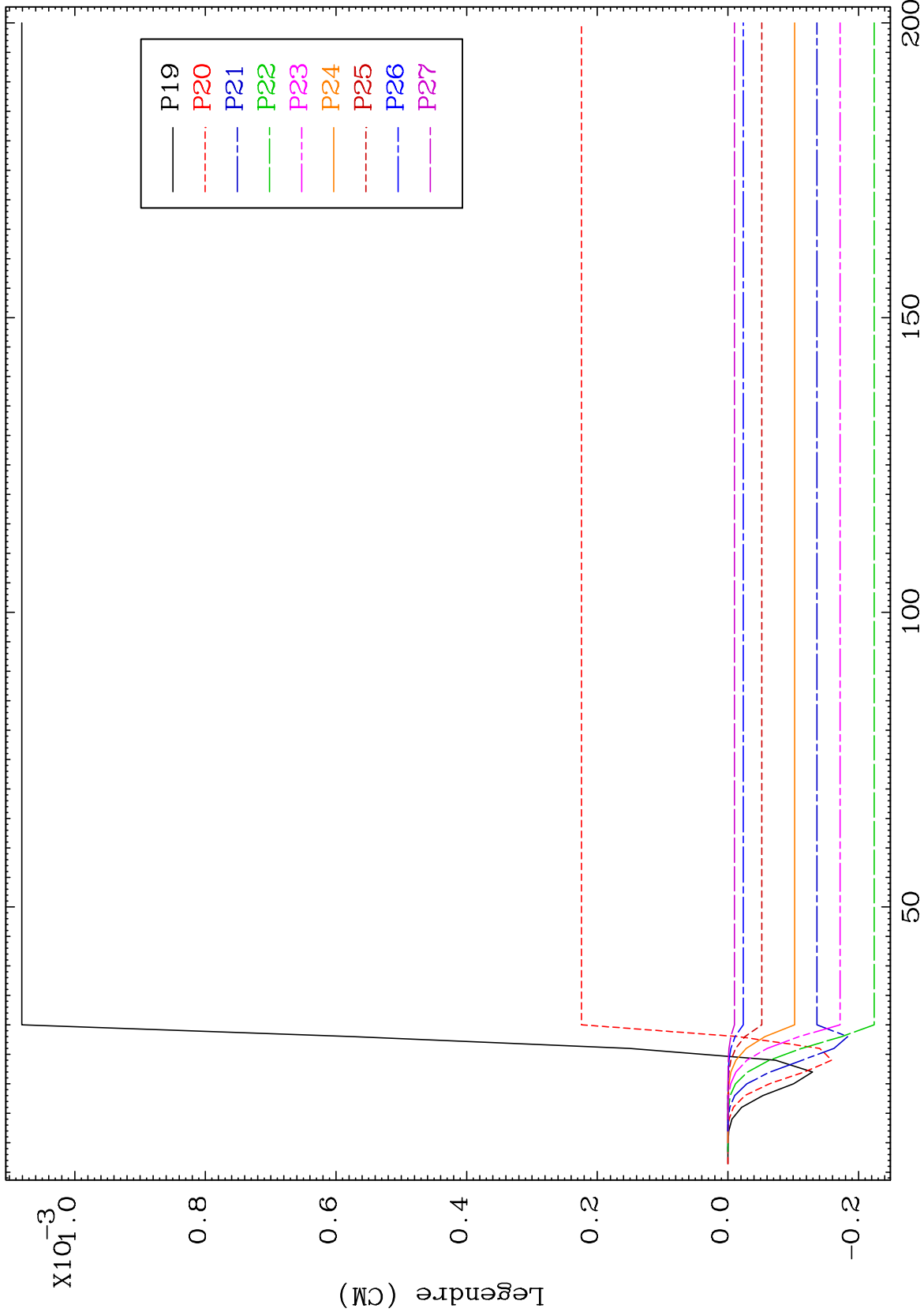
66-Dy-166

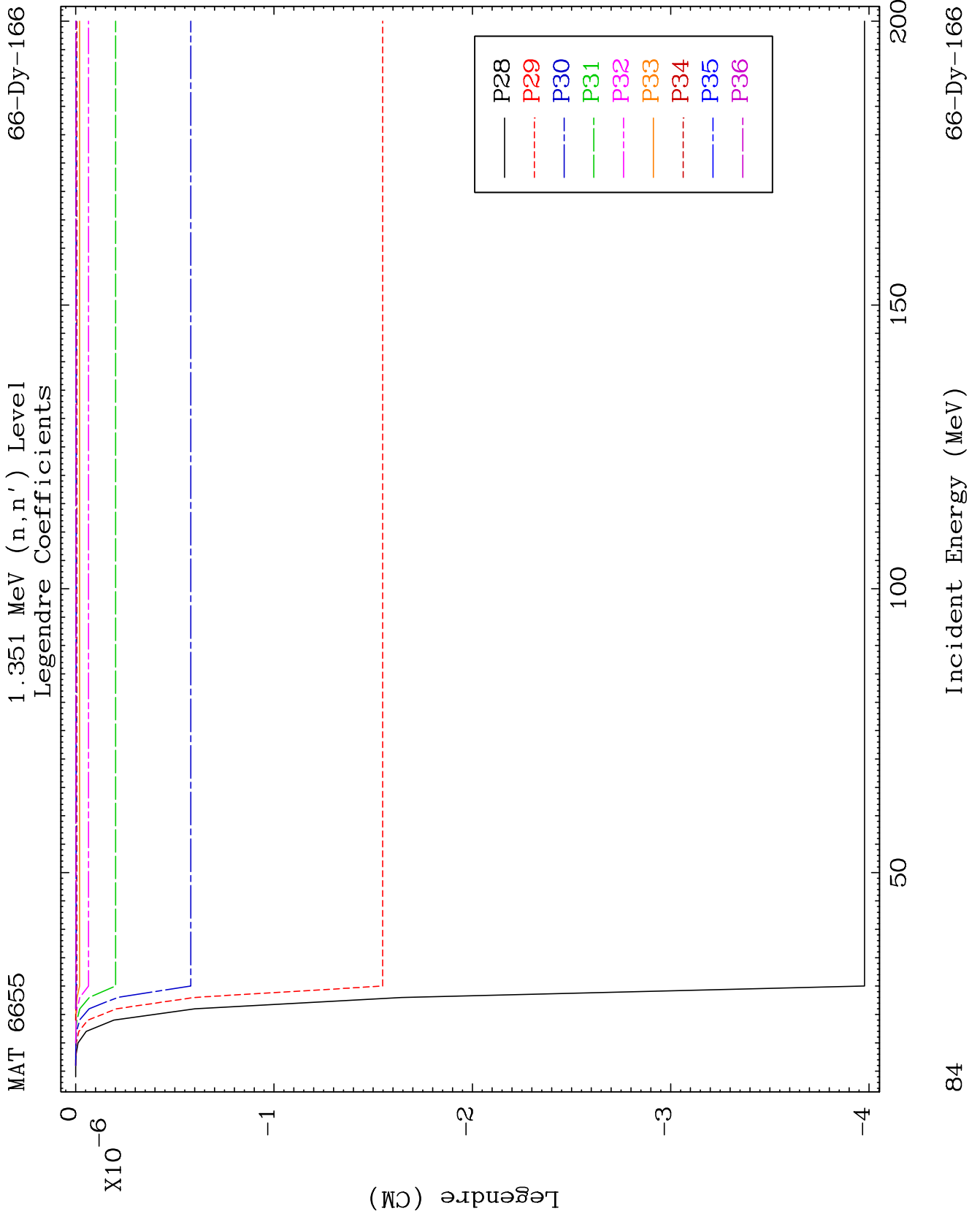


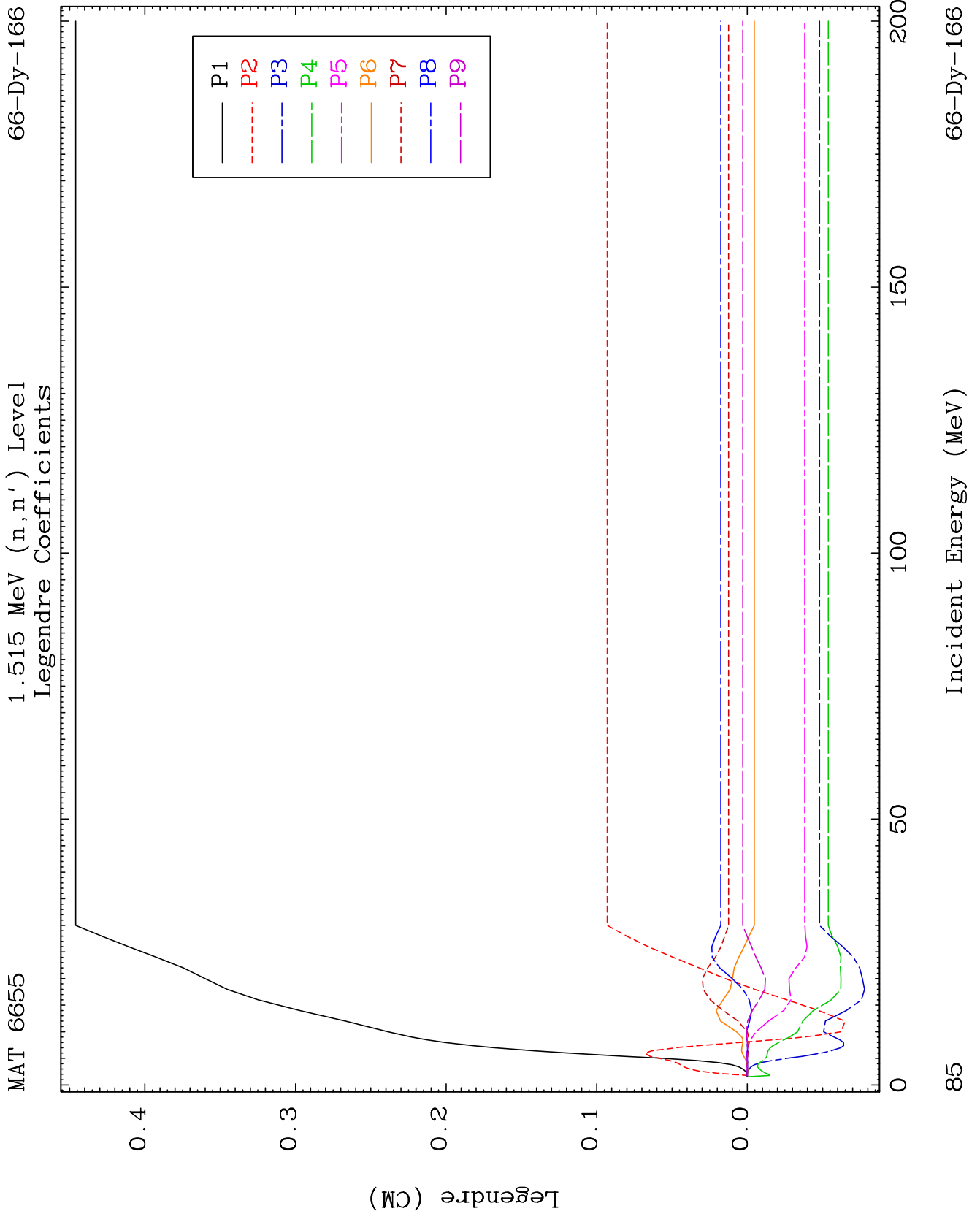
82

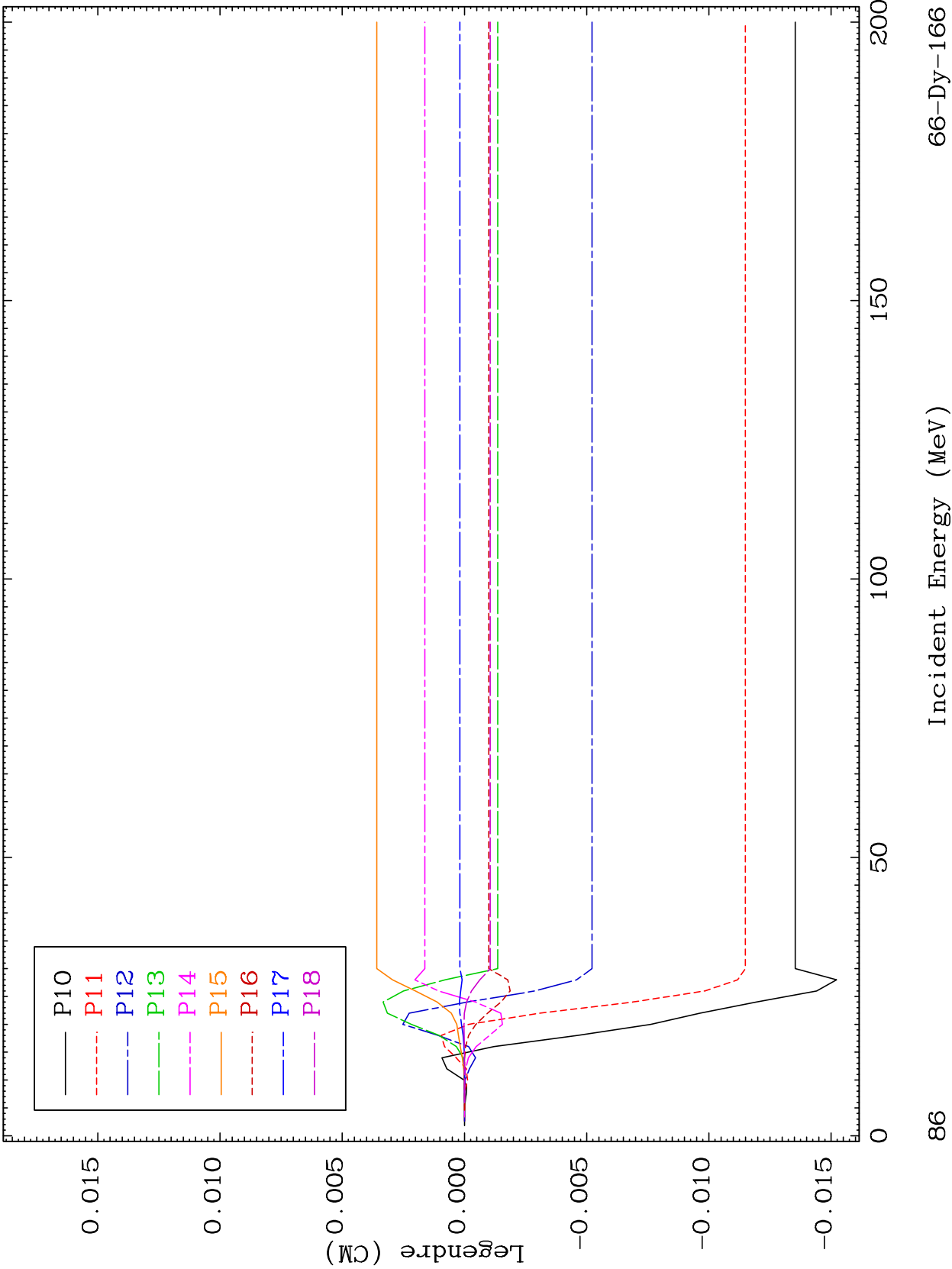
Incident Energy (MeV)

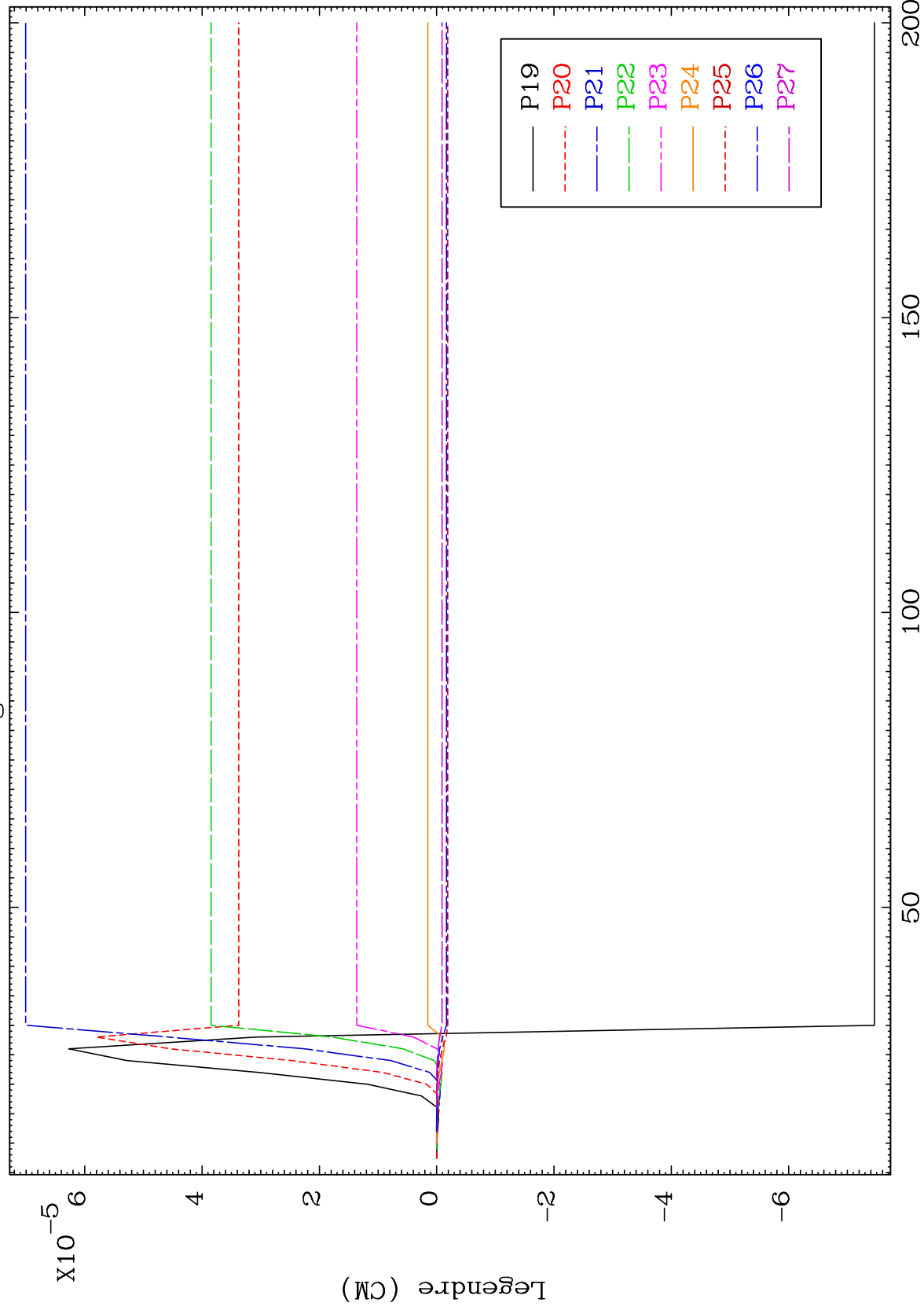
66-Dy-166

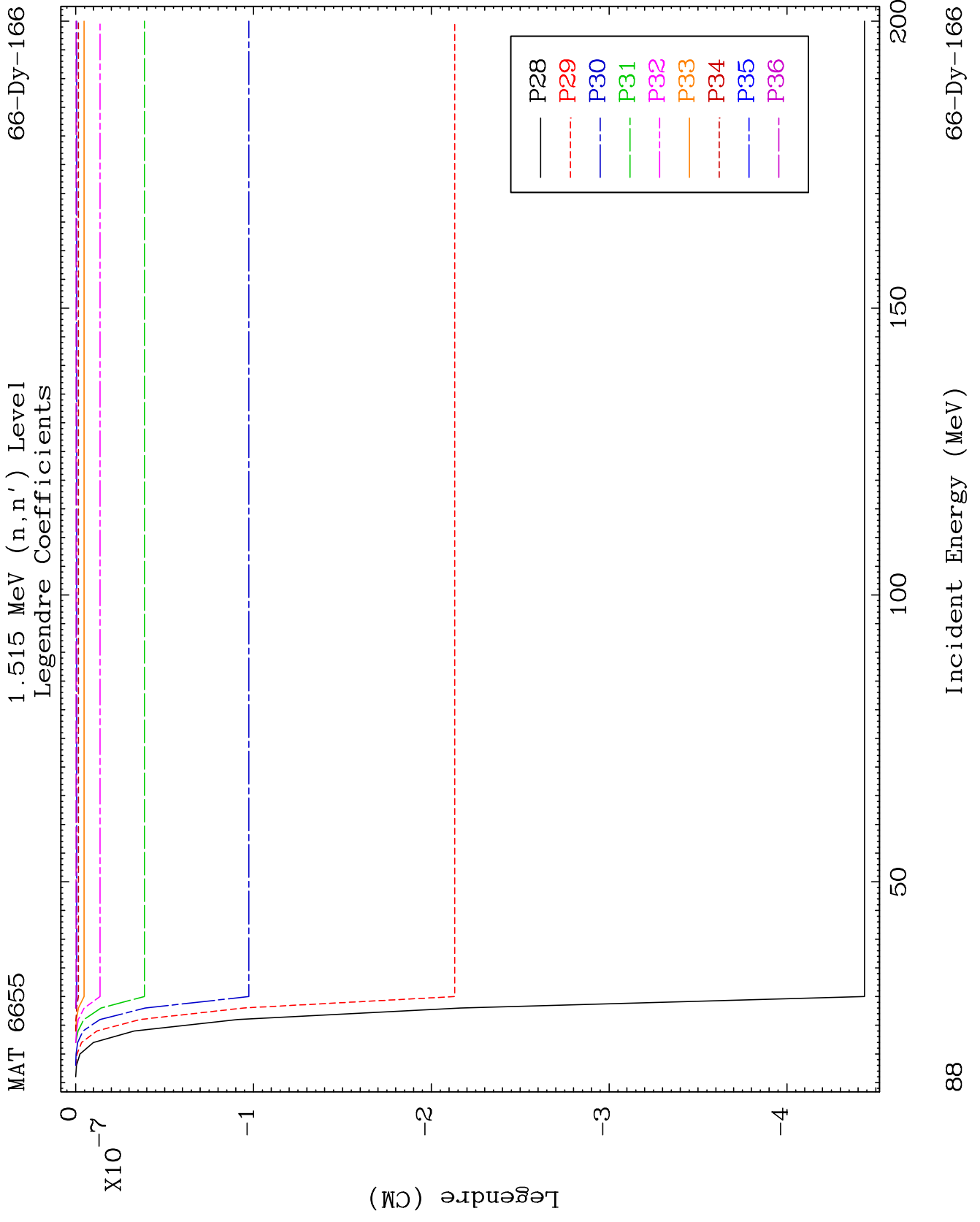


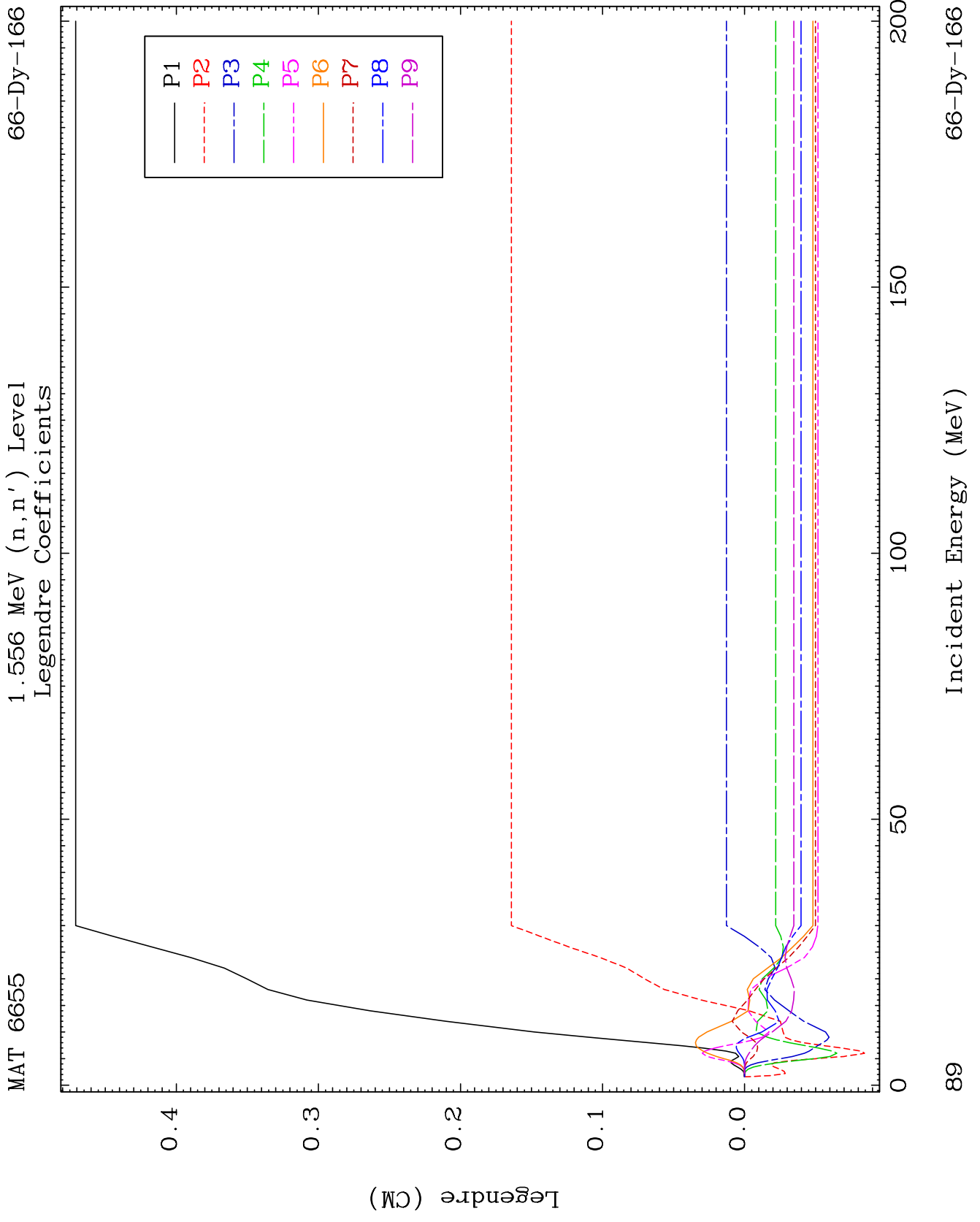








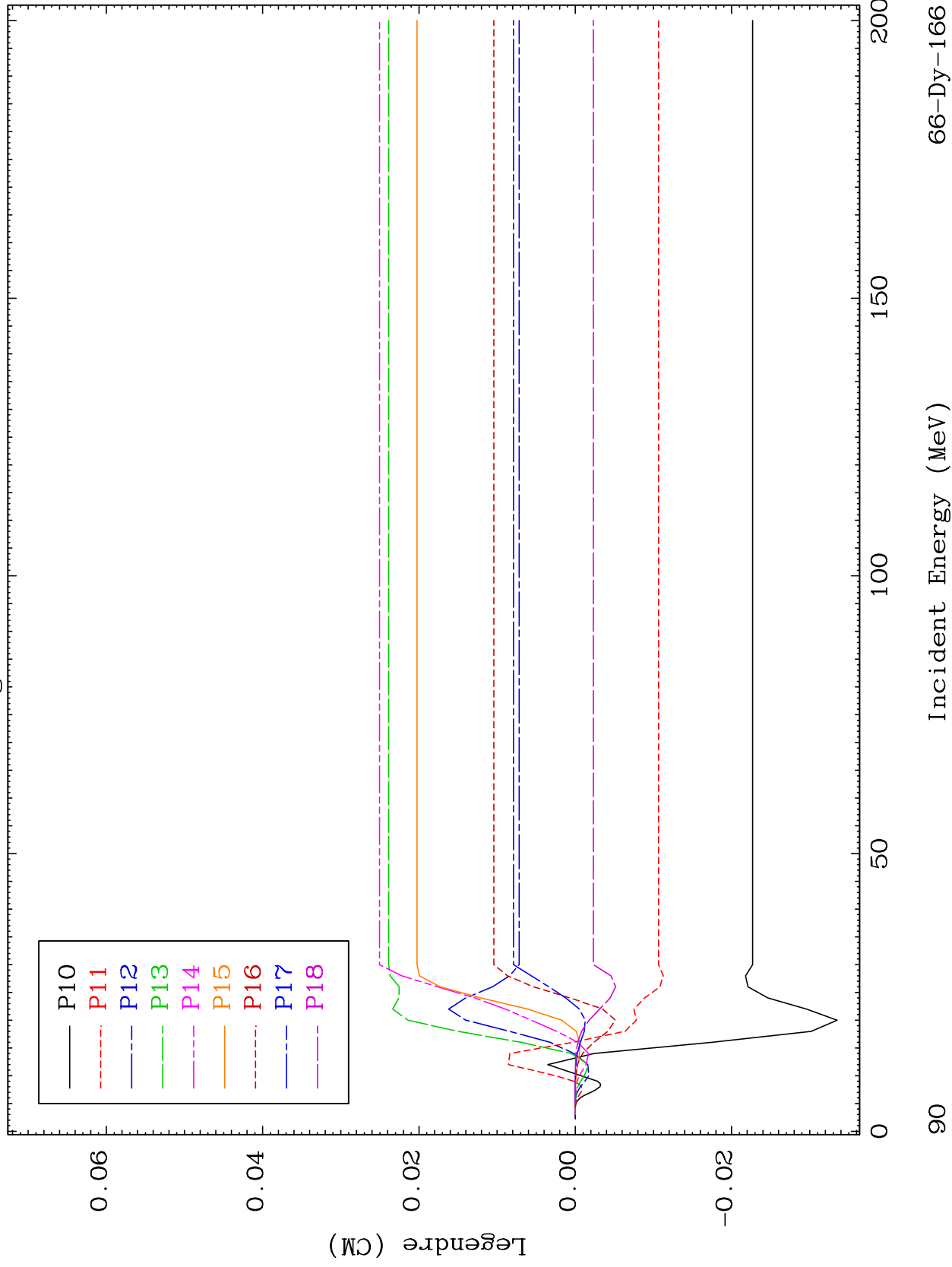




MAT 6655

1.556 MeV (n,n') Level
Legendre Coefficients

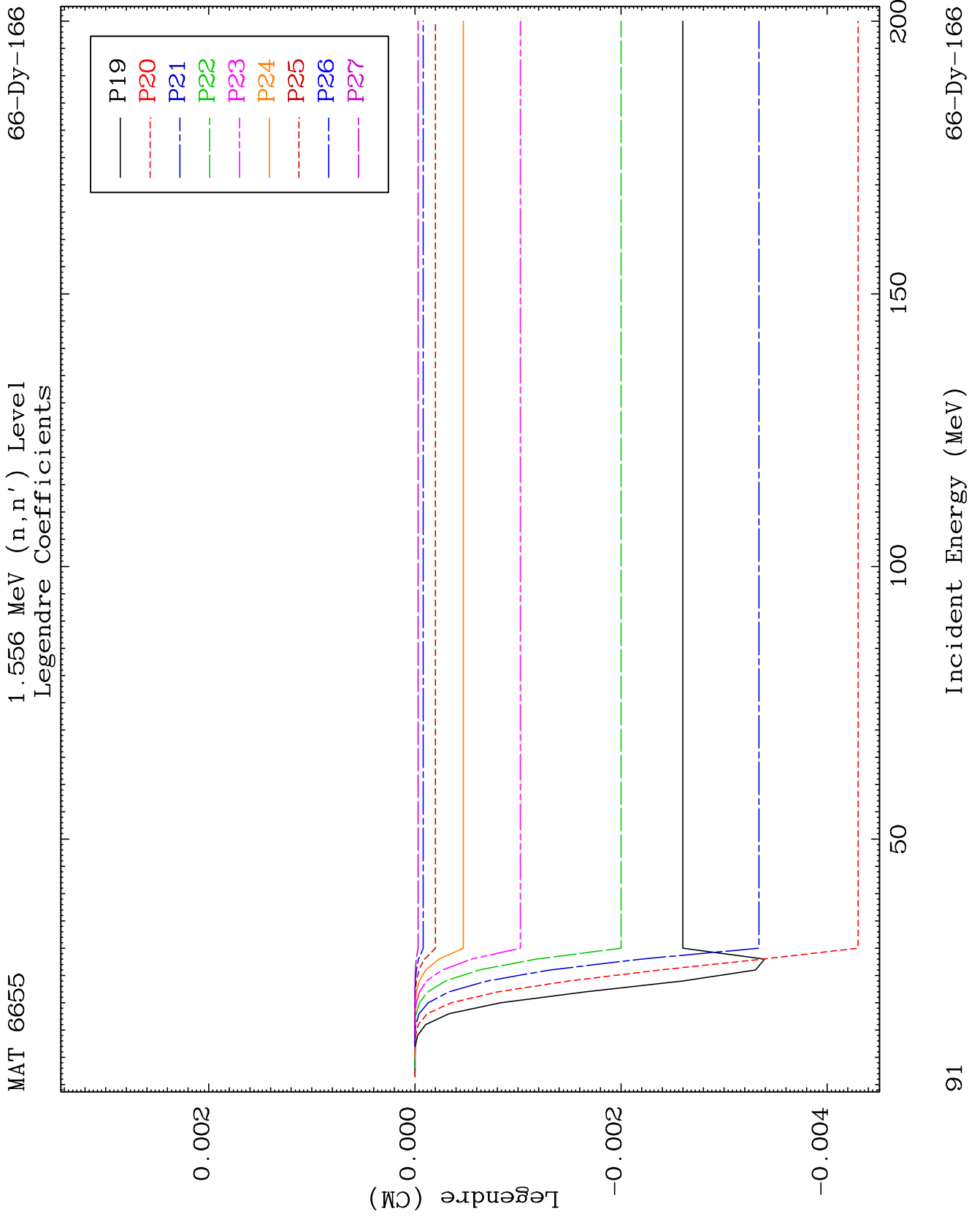
66-Dy-166

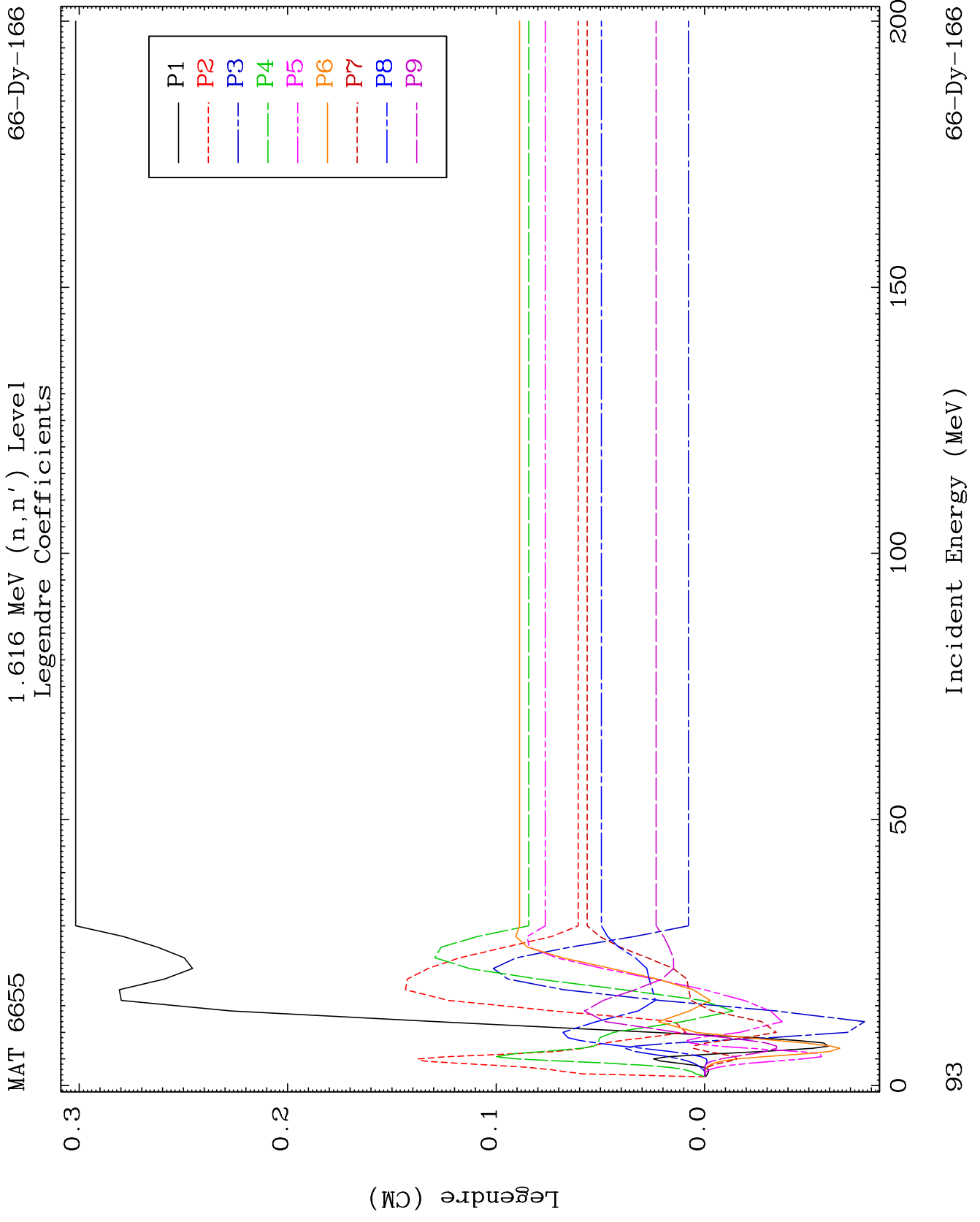


66-Dy-166

Incident Energy (MeV)

90

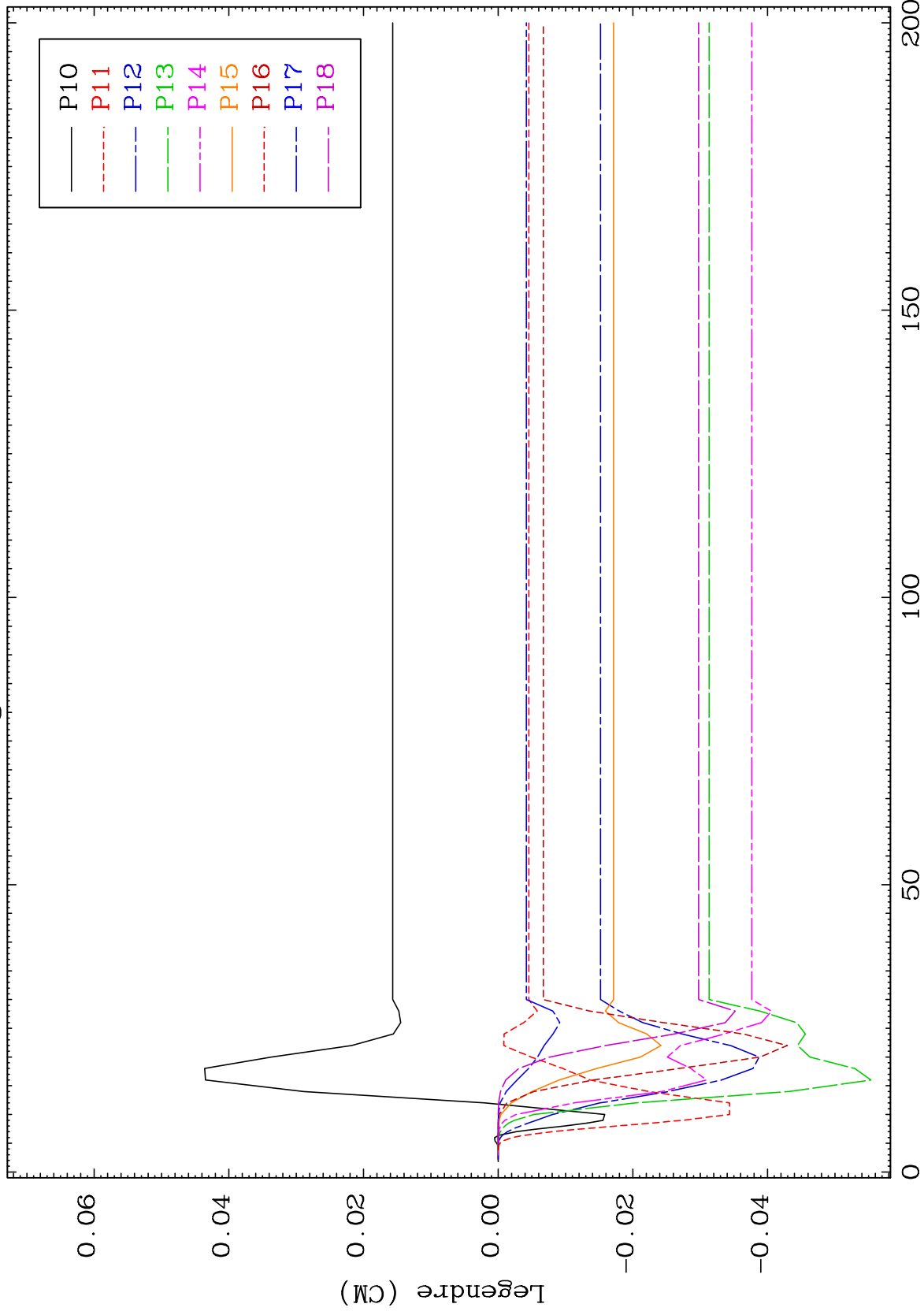




MAT 6655

1.616 MeV (n,n') Level
Legendre Coefficients

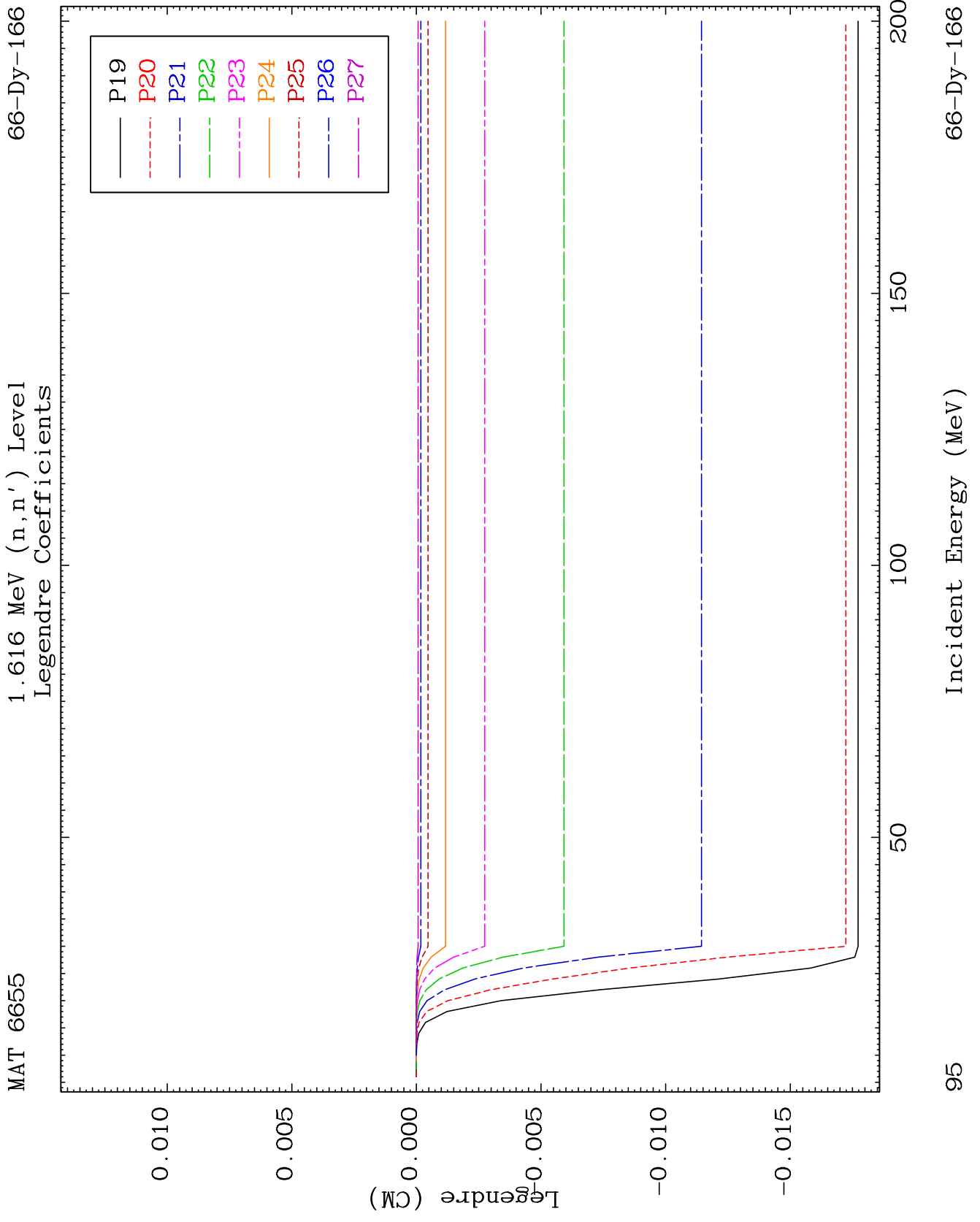
66-Dy-166

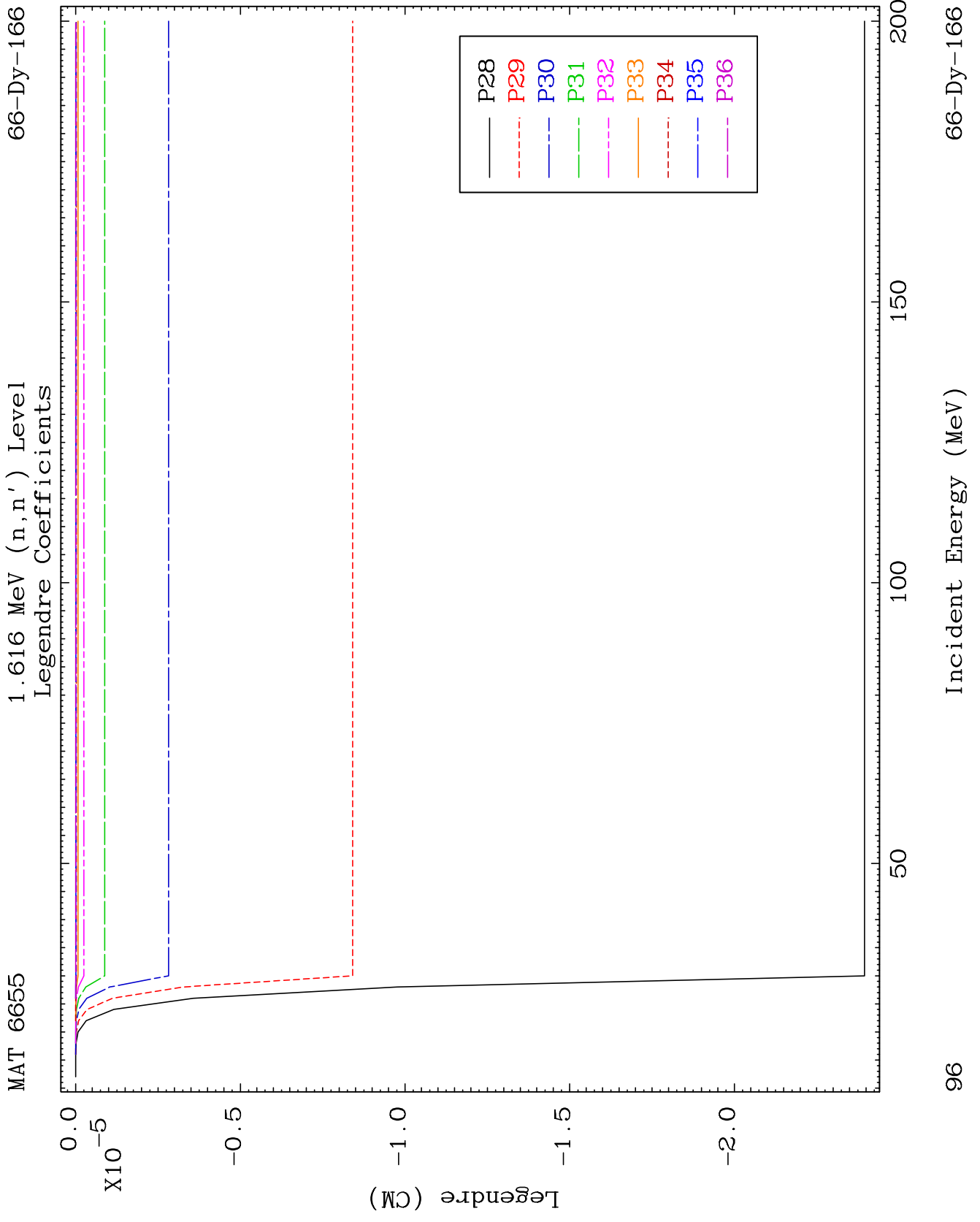


94

Incident Energy (MeV)

66-Dy-166

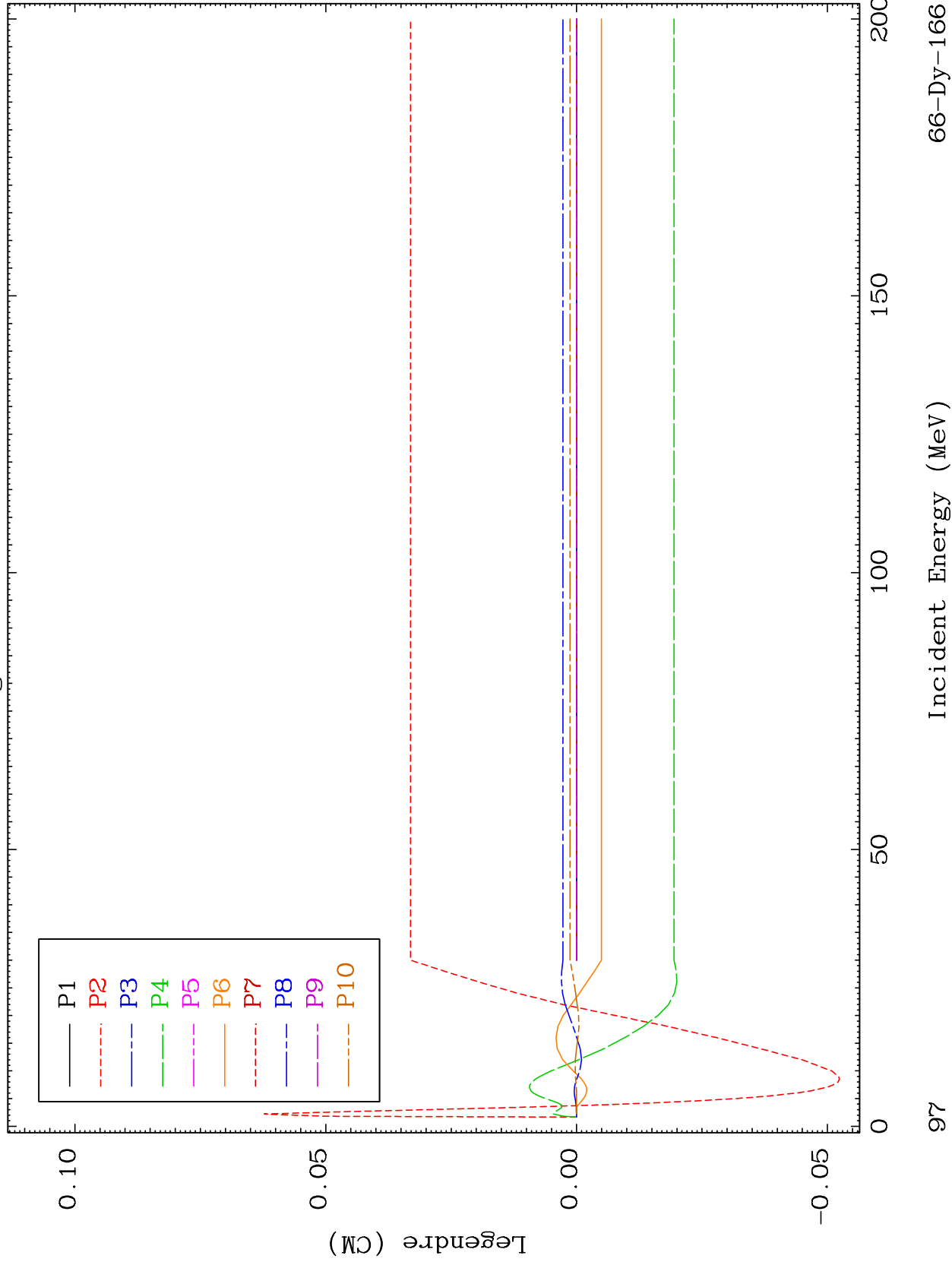




MAT 6655

1.645 MeV (n,n') Level
Legendre Coefficients

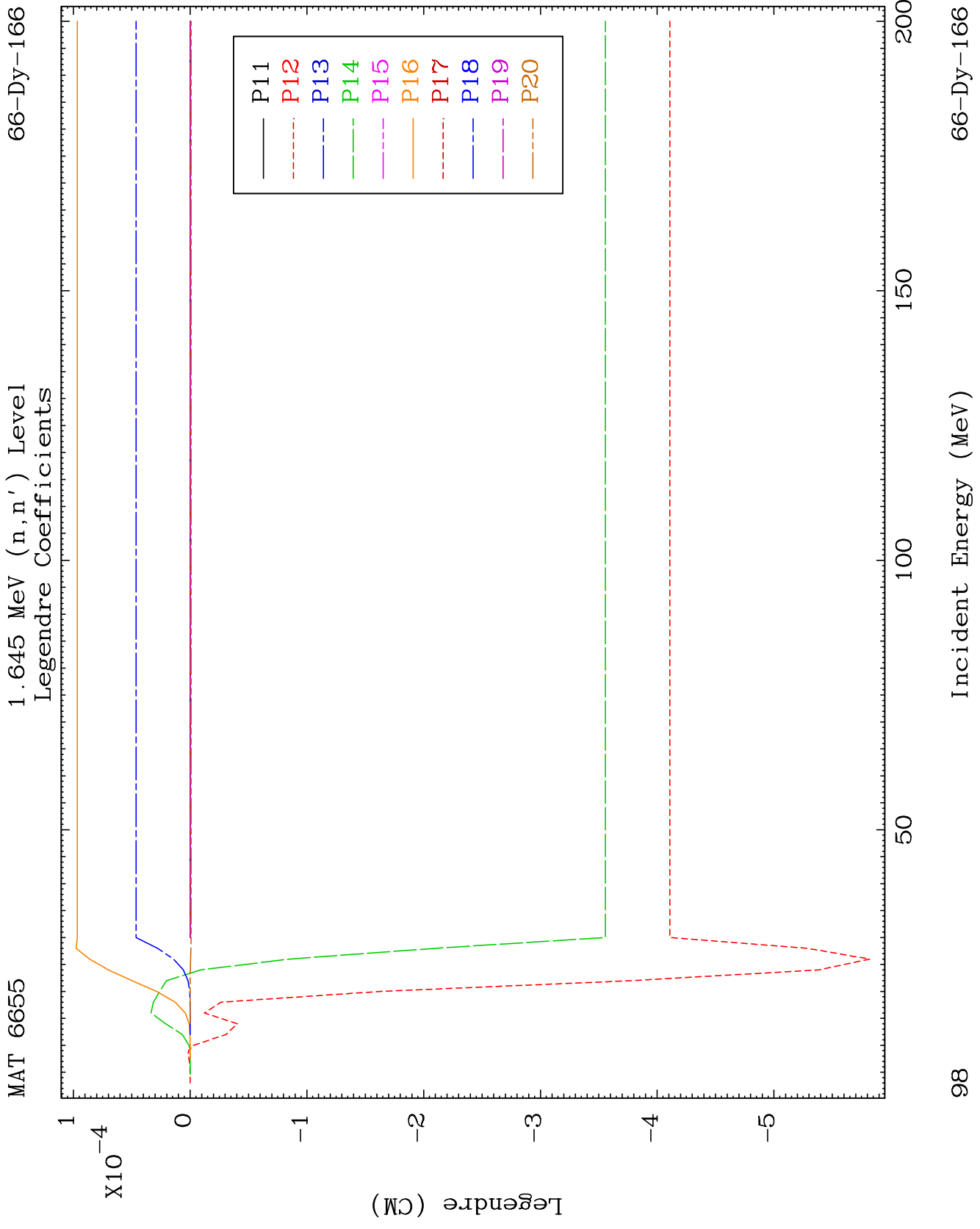
66-Dy-166



97

Incident Energy (MeV)

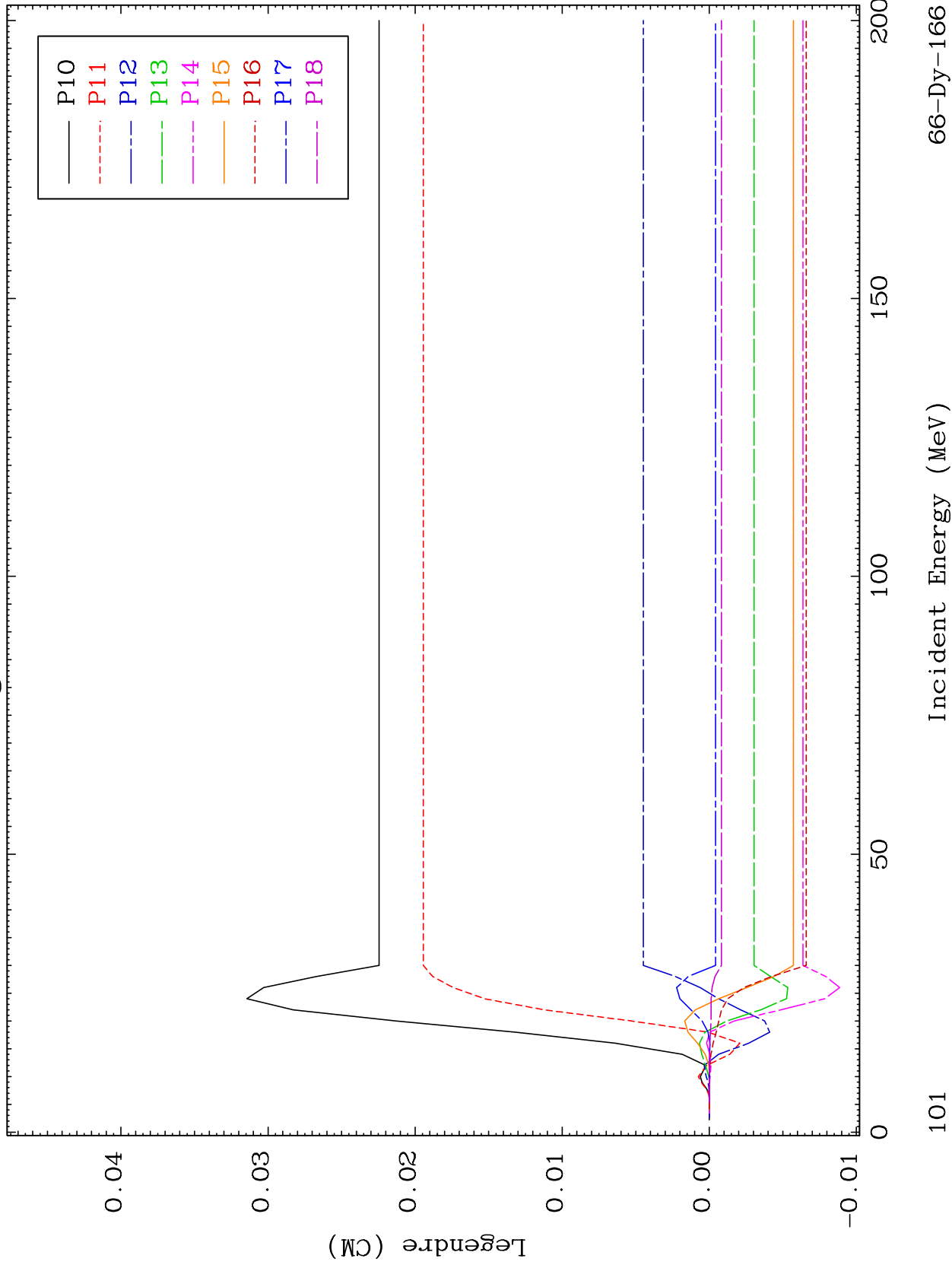
66-Dy-166



MAT 6655

1.674 MeV (n,n') Level
Legendre Coefficients

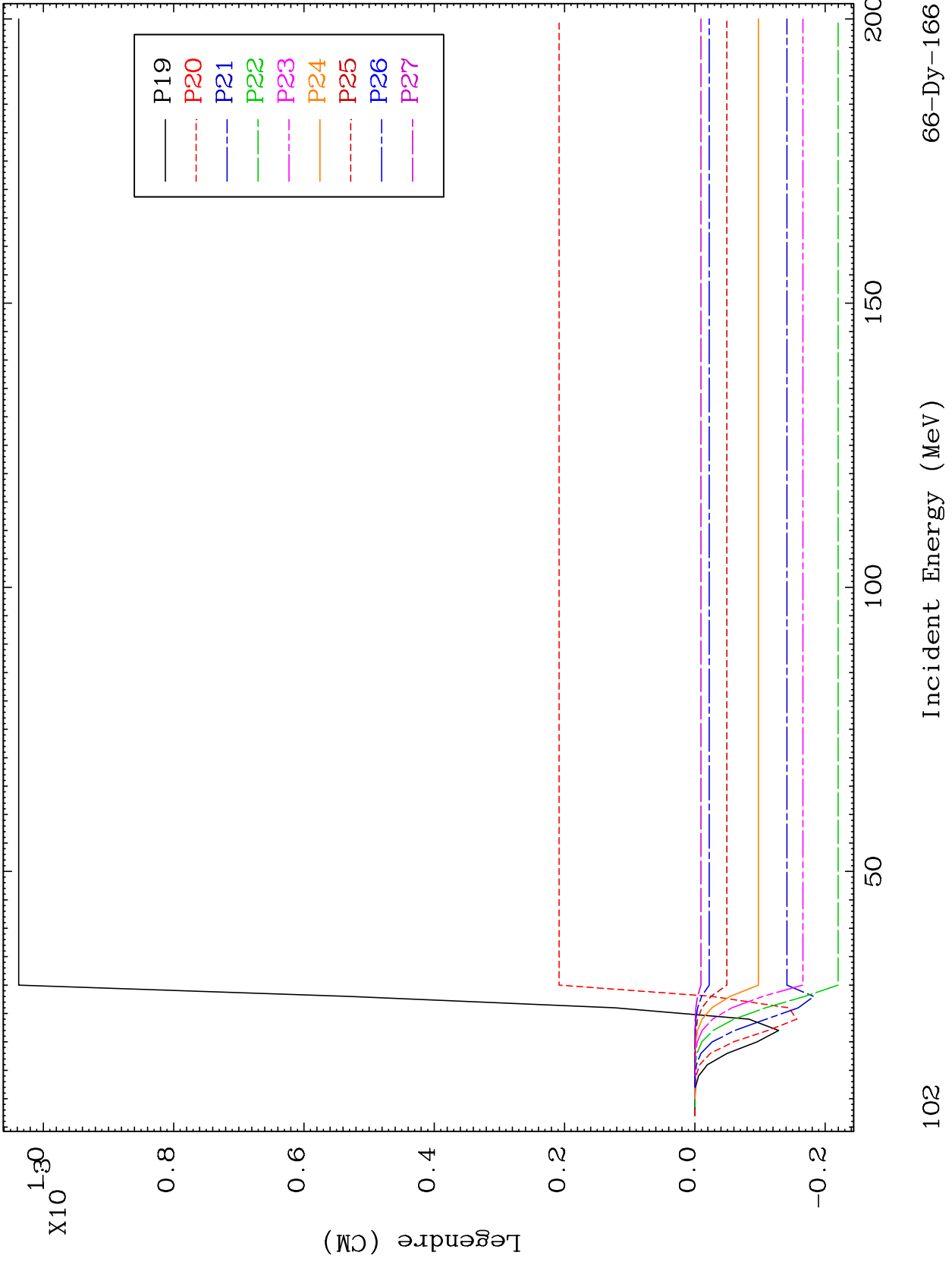
66-Dy-166

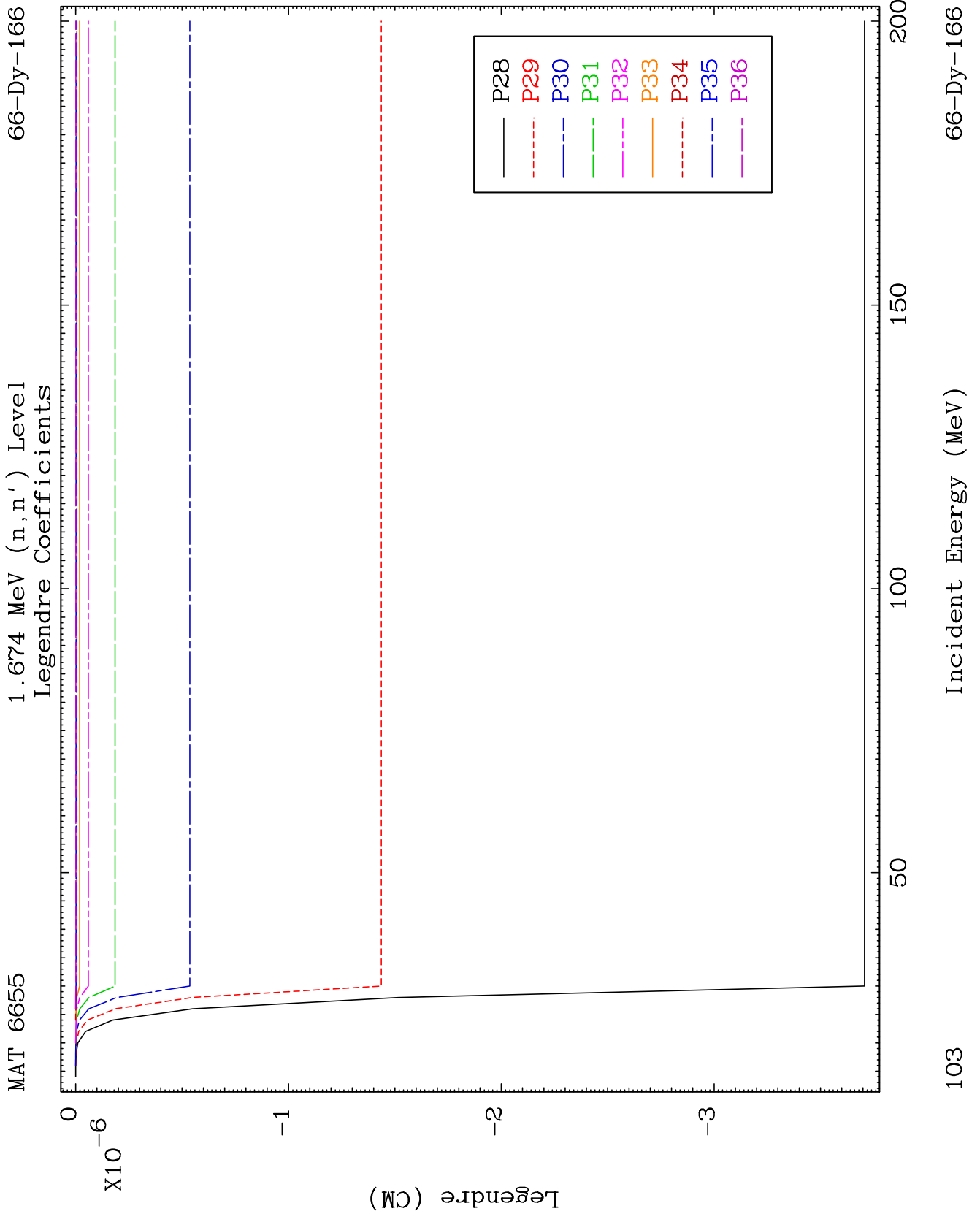


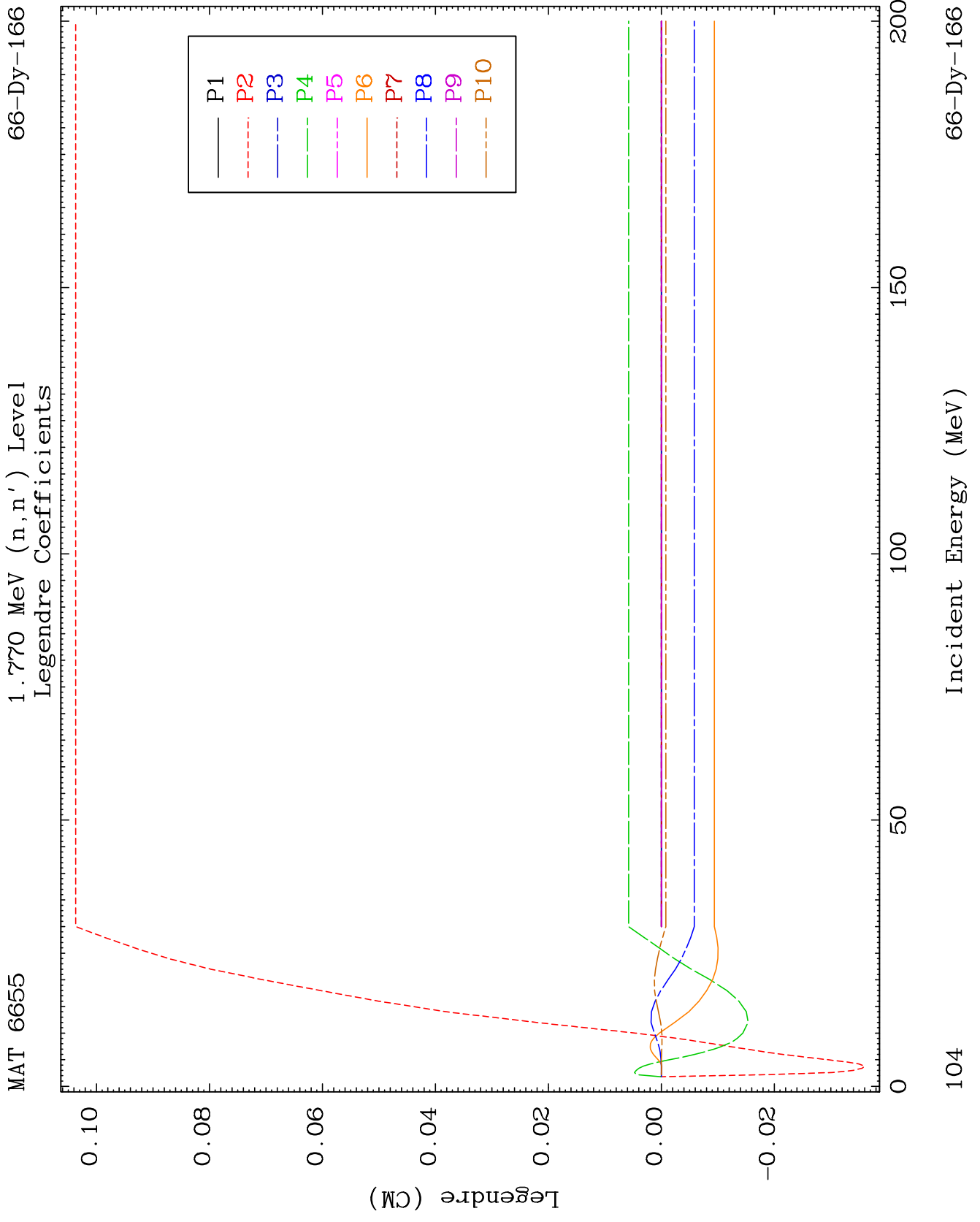
66-Dy-166

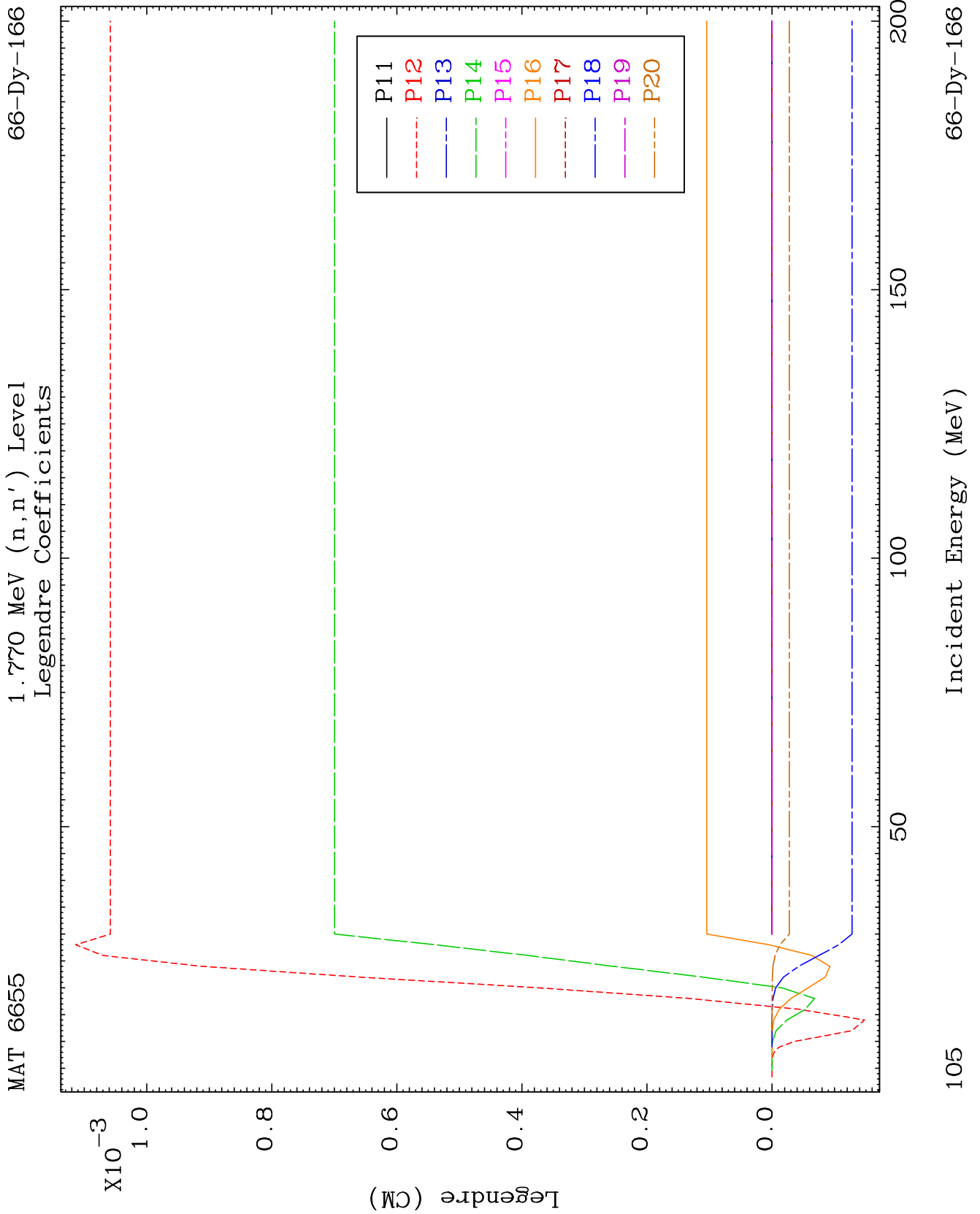
Incident Energy (MeV)

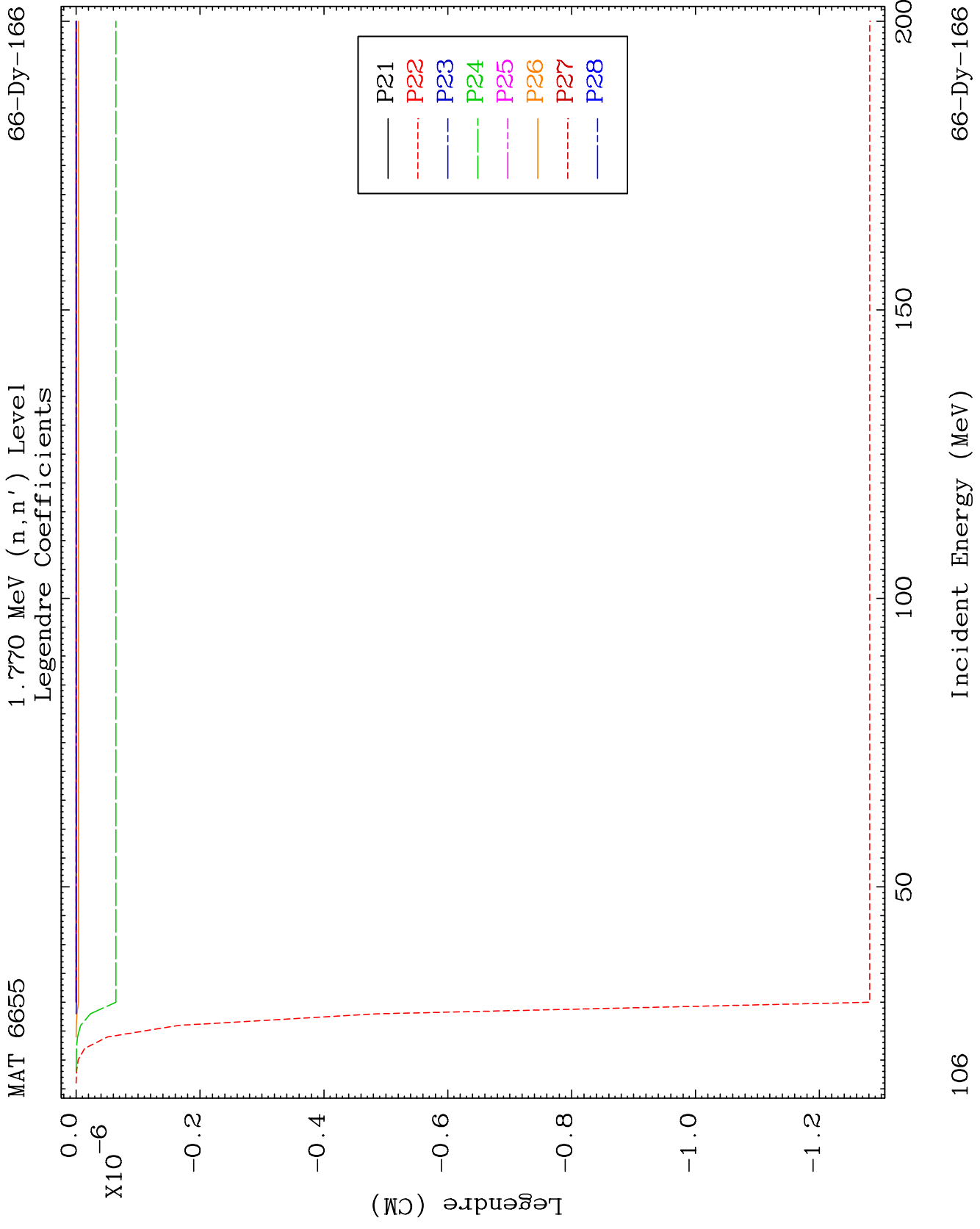
101

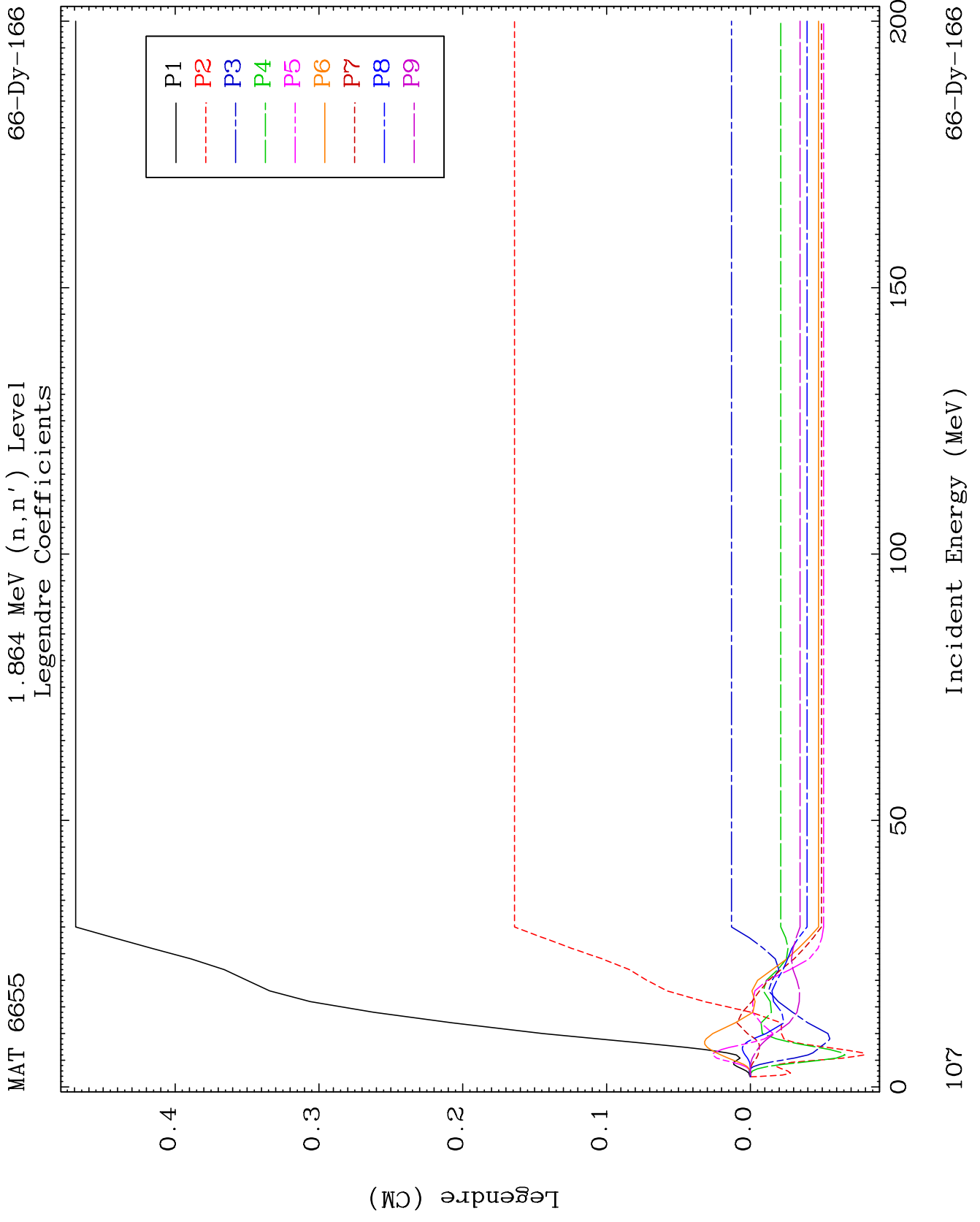








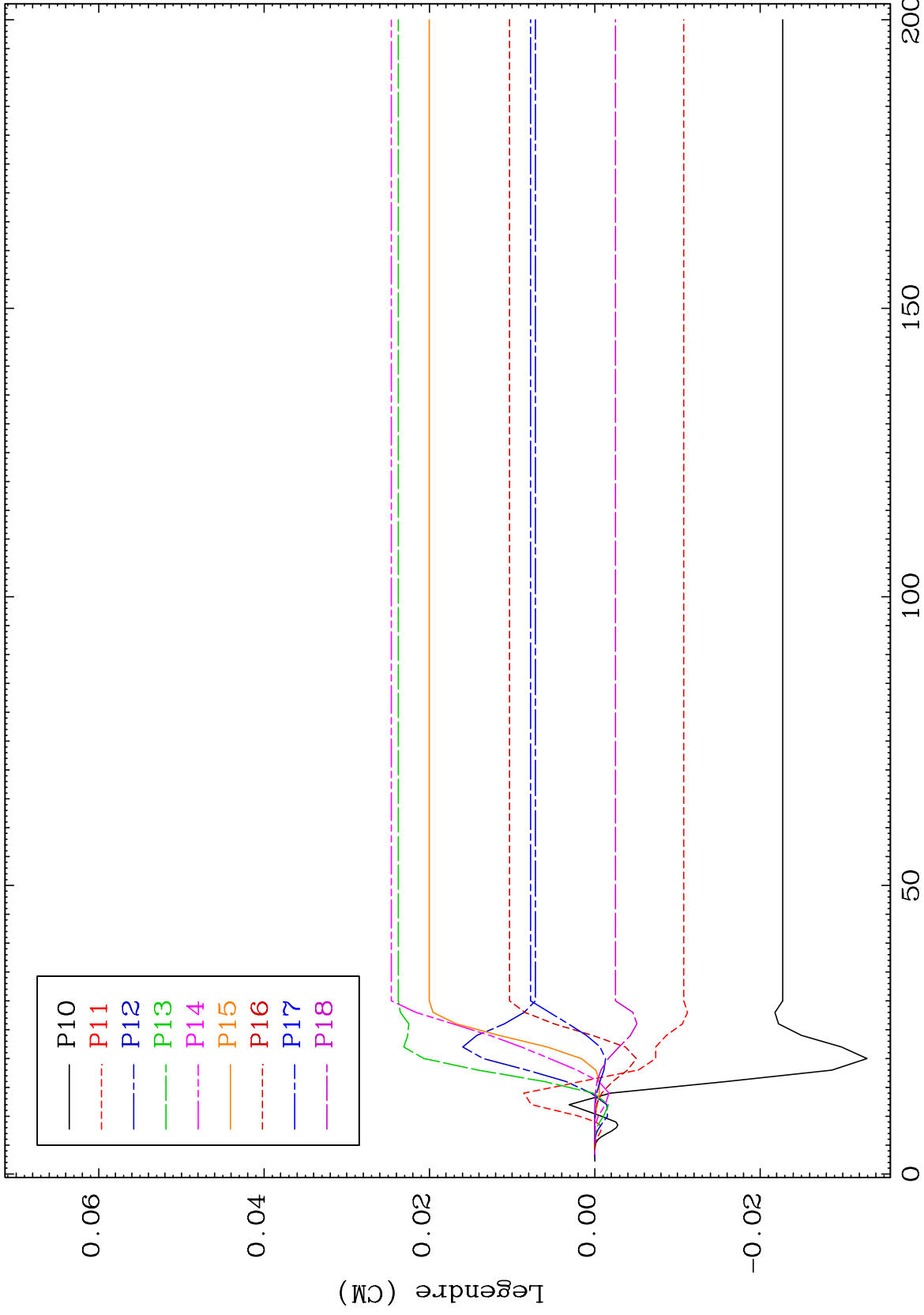




MAT 6655

1.864 MeV (n,n') Level
Legendre Coefficients

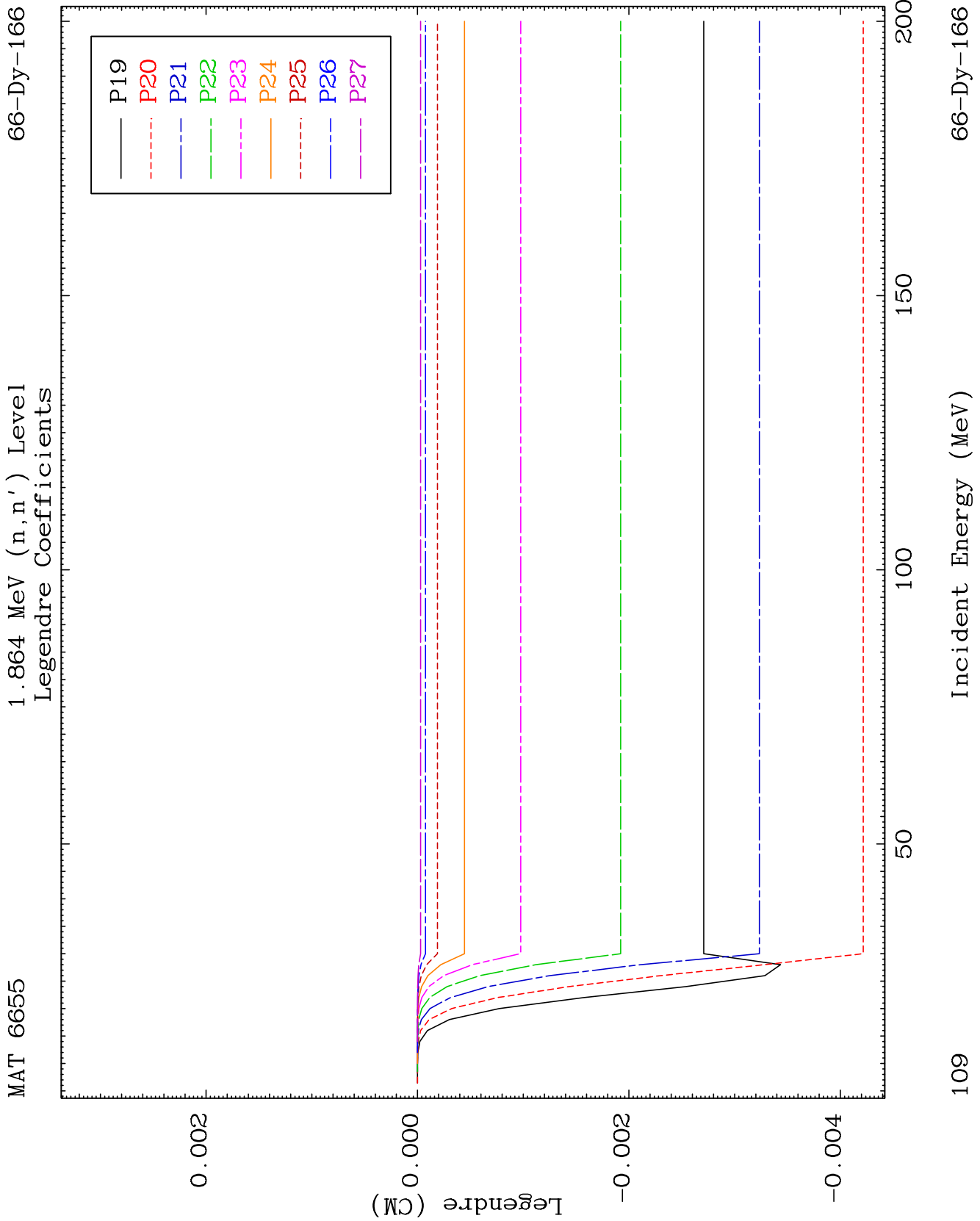
66-Dy-166

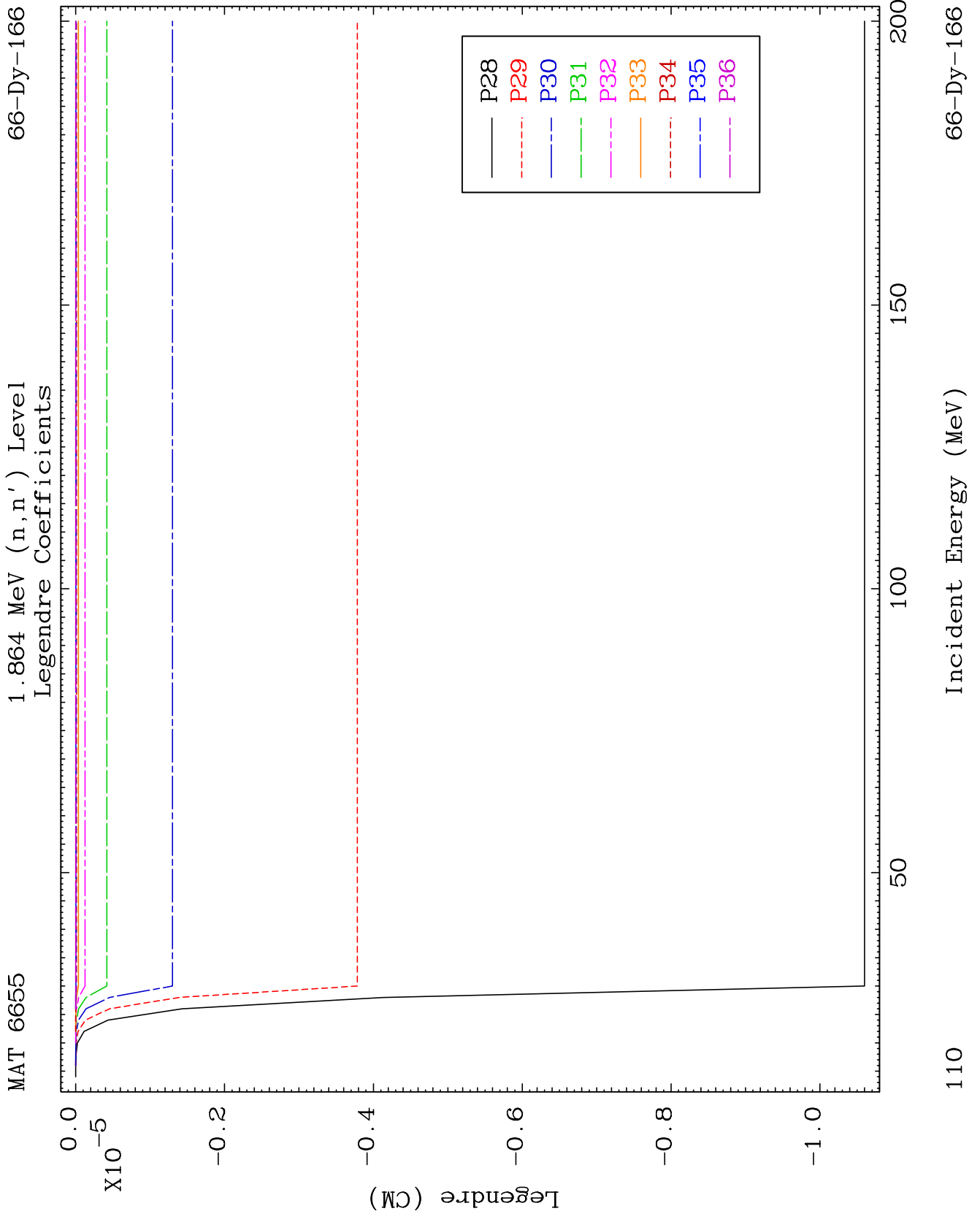


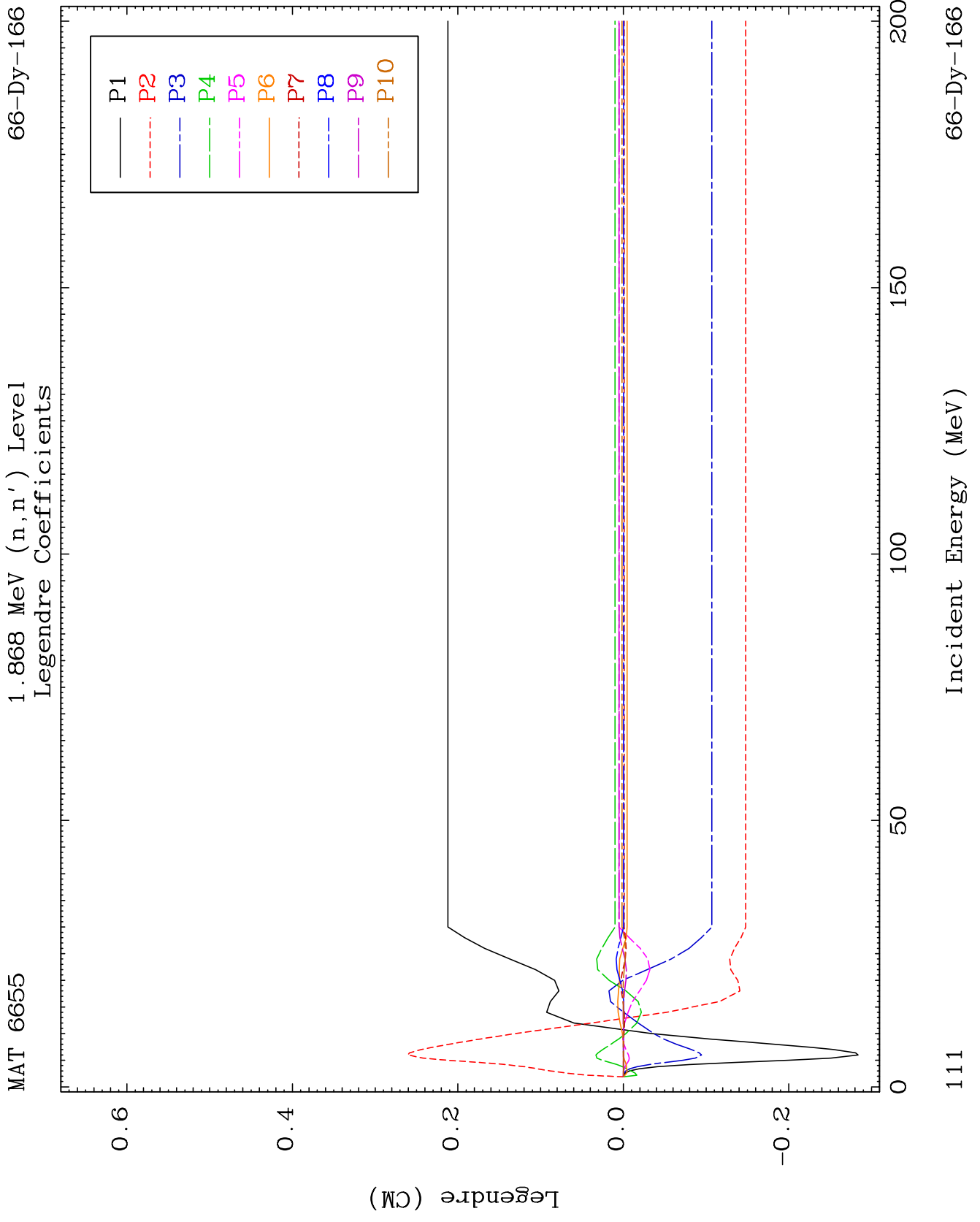
108

Incident Energy (MeV)

66-Dy-166



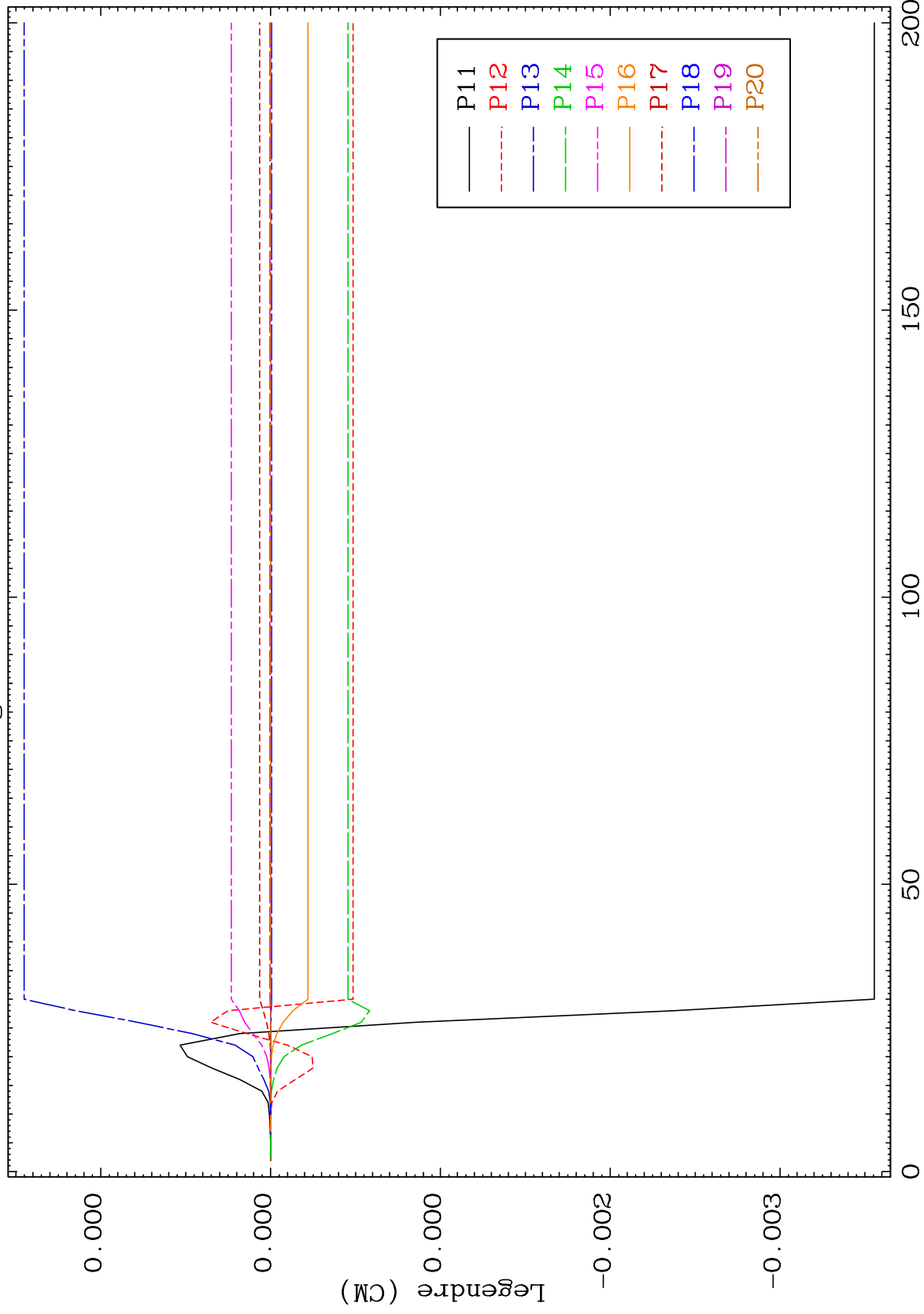




MAT 6655

1.868 MeV (n,n') Level
Legendre Coefficients

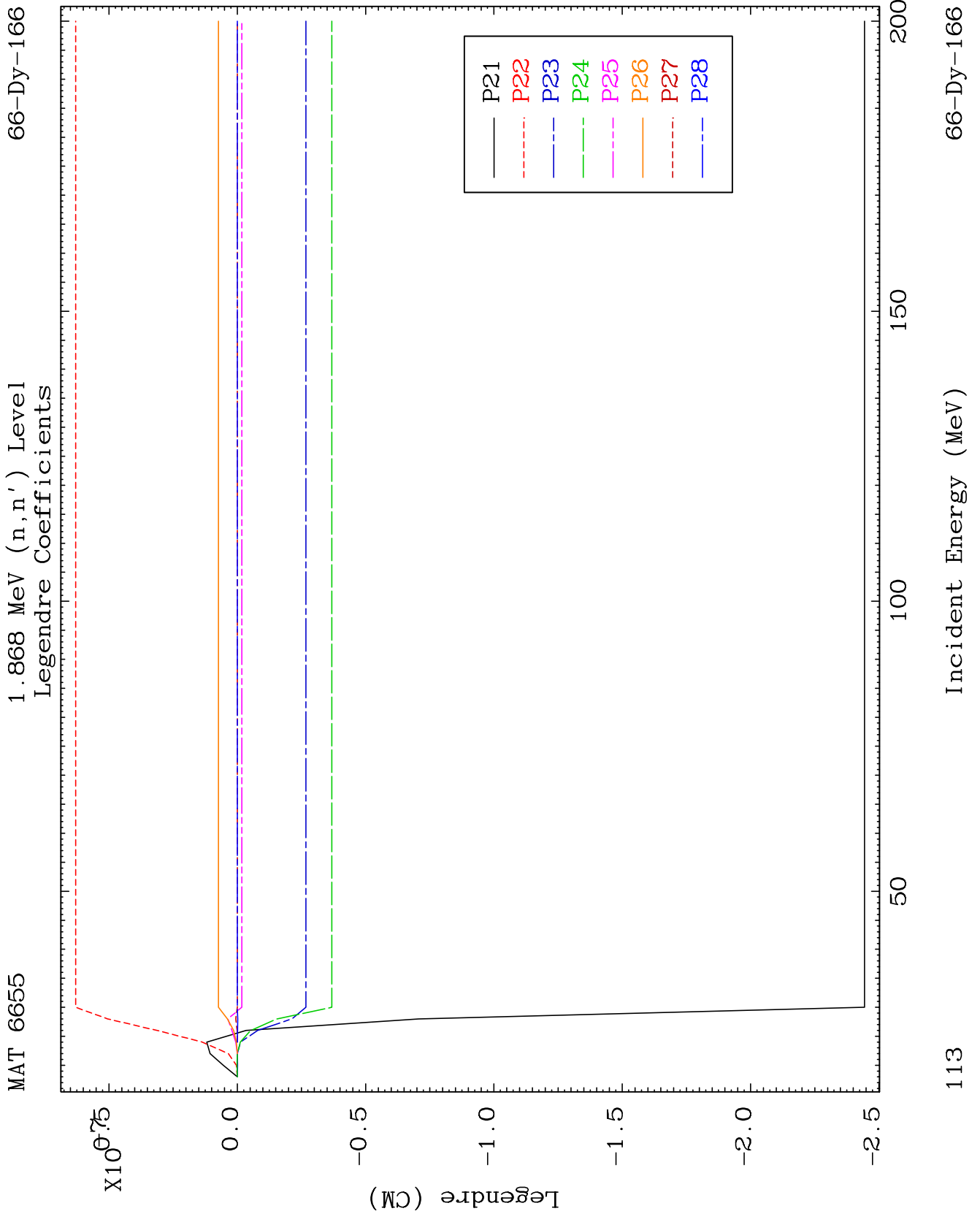
66-Dy-166

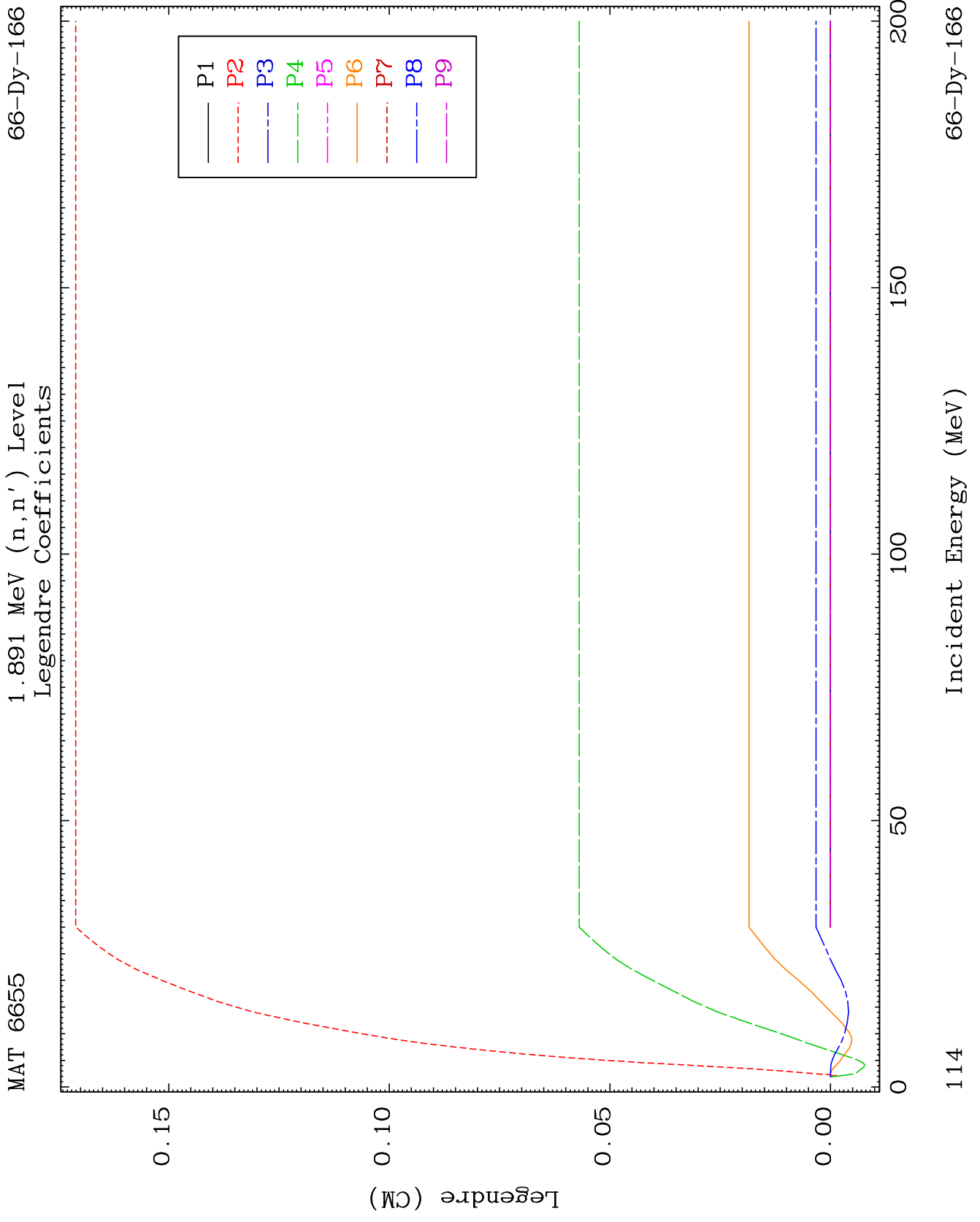


112

Incident Energy (MeV)

66-Dy-166

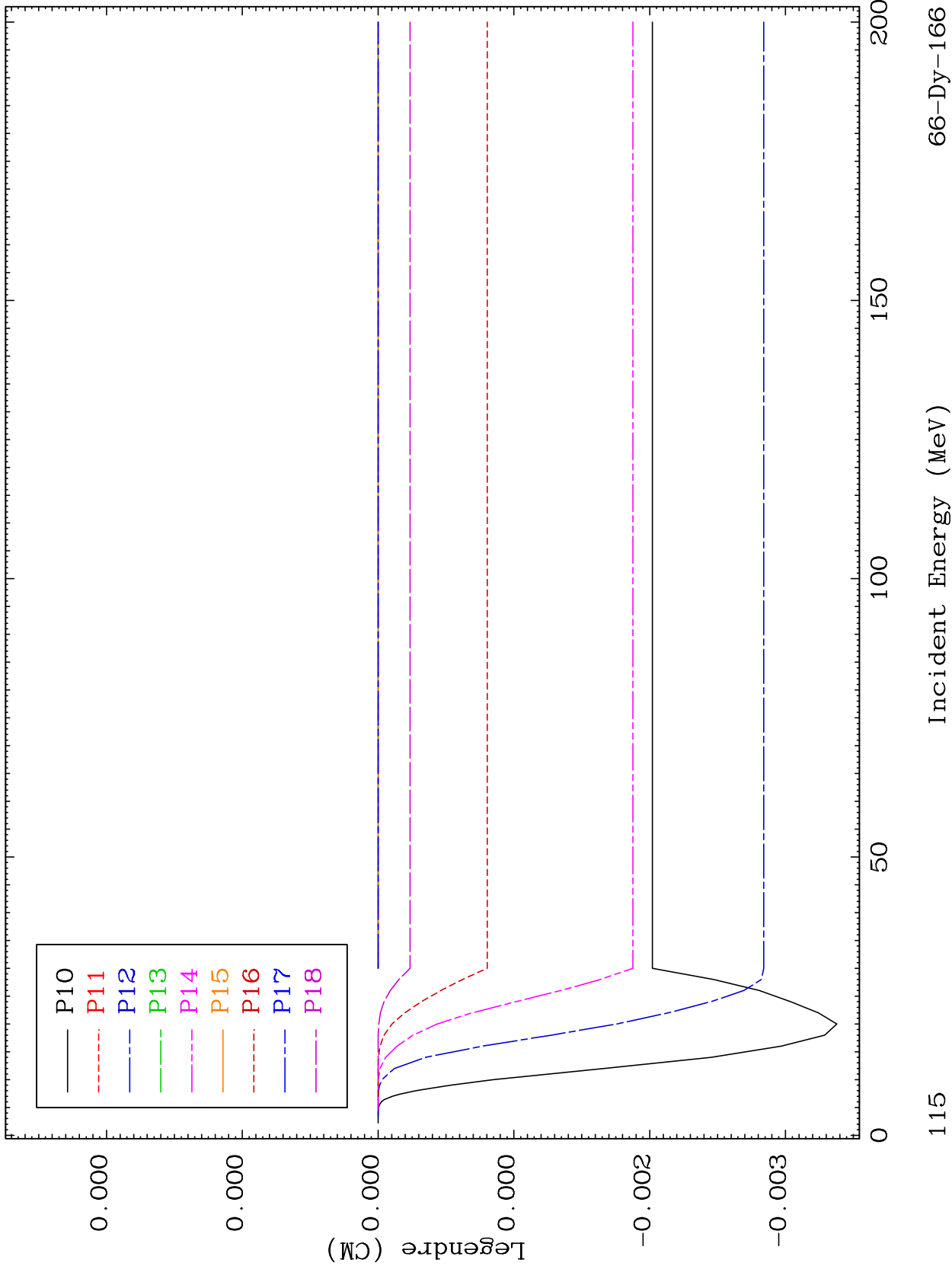




MAT 6655

1.891 MeV (n,n') Level
Legendre Coefficients

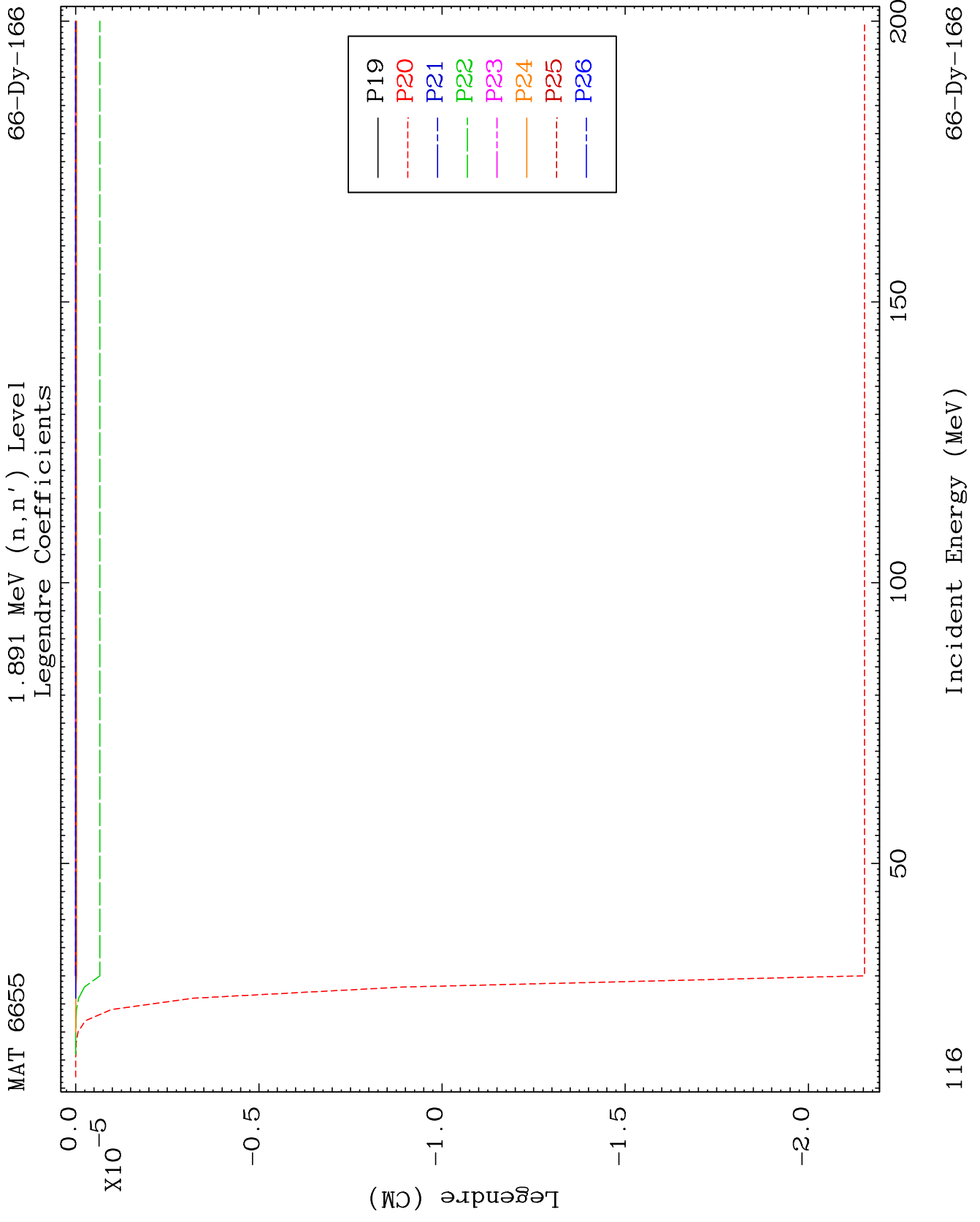
66-Dy-166

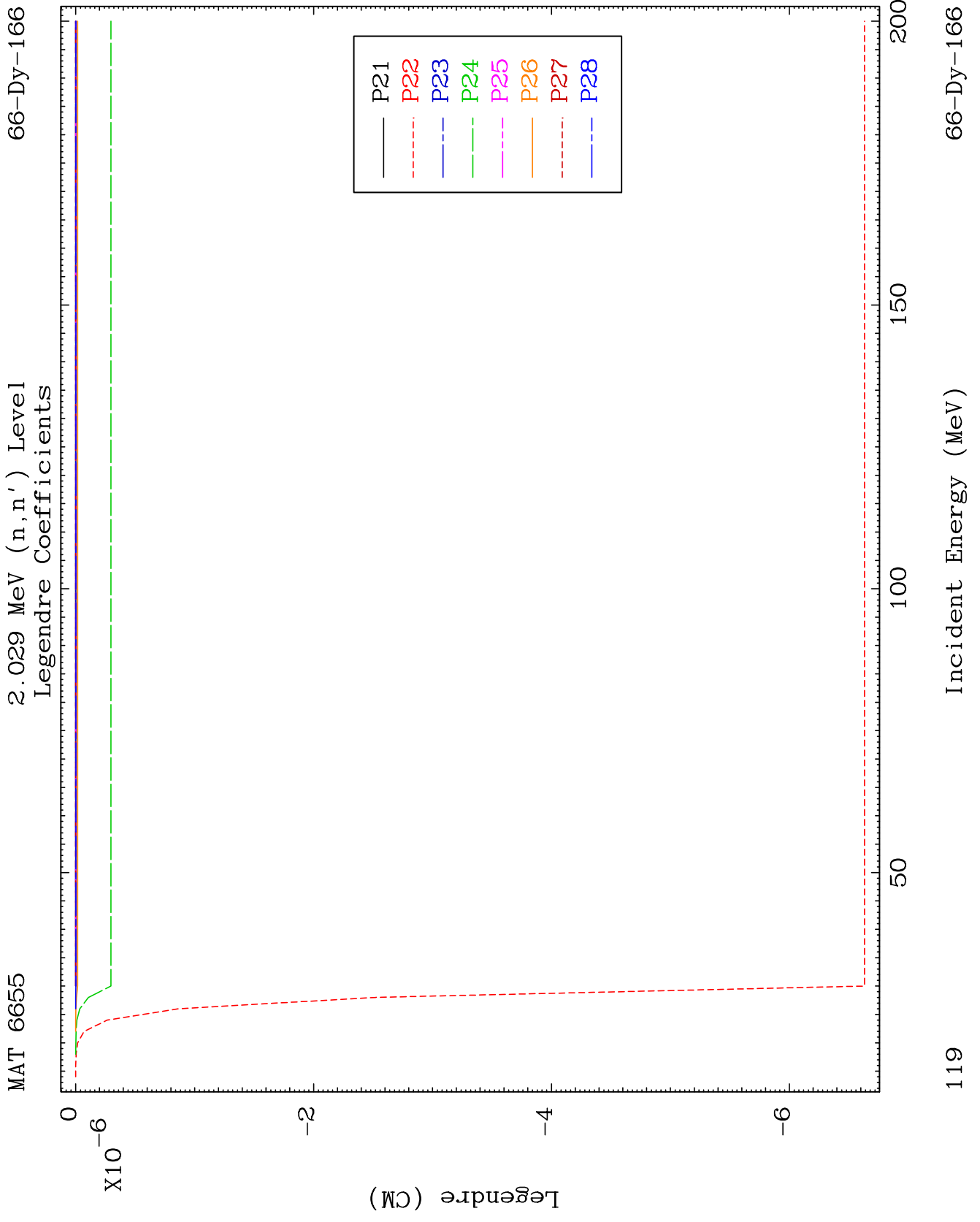


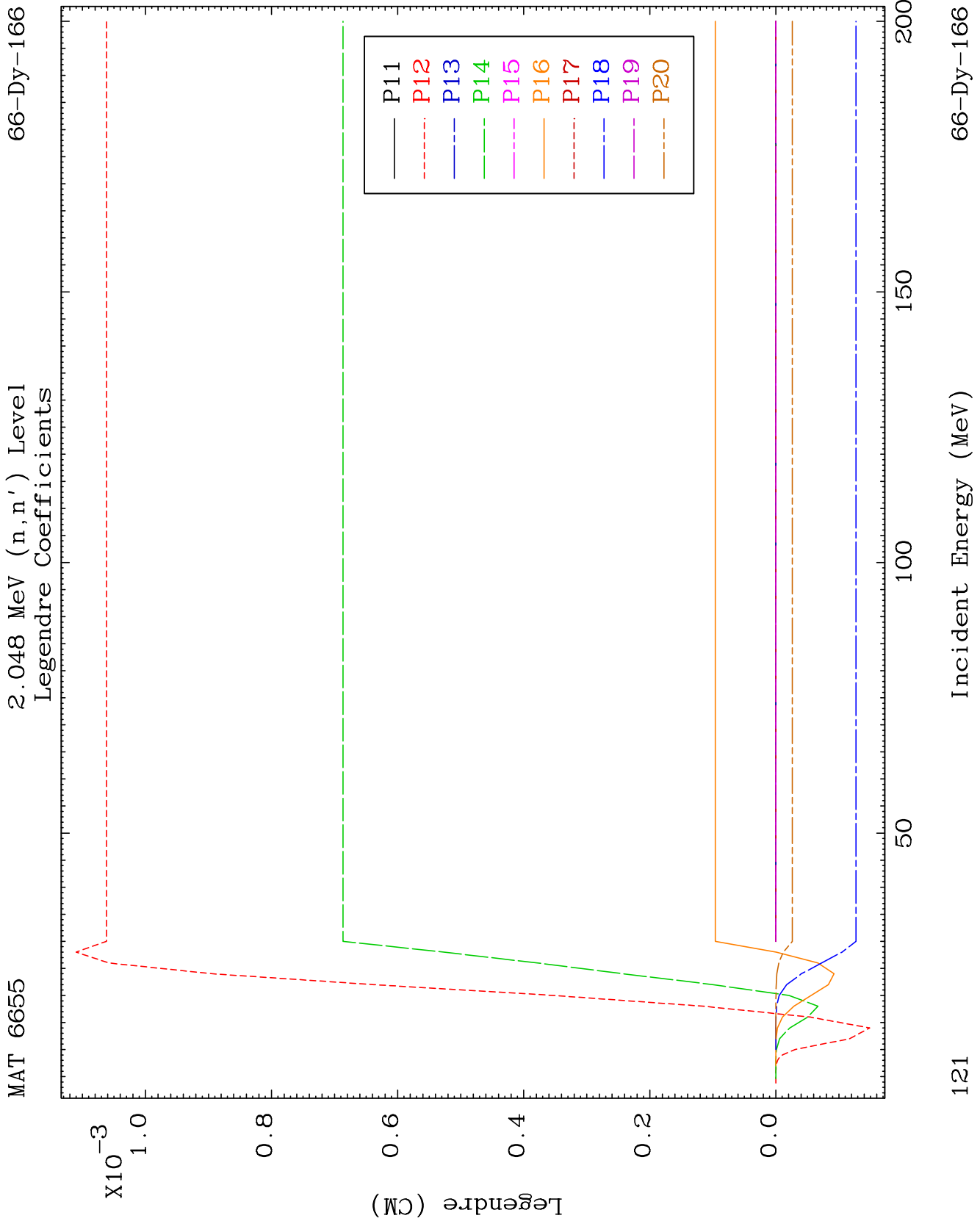
115

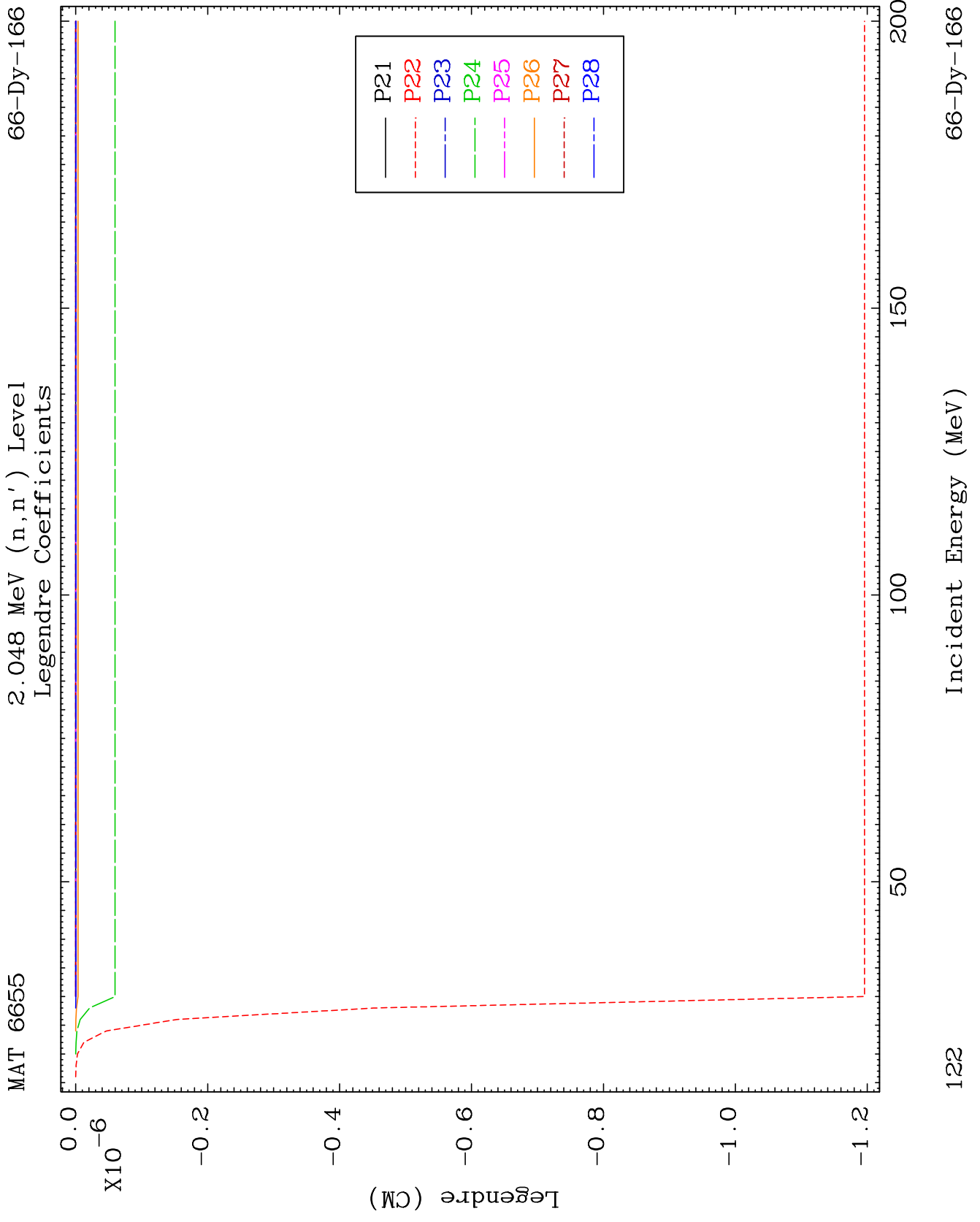
Incident Energy (MeV)

66-Dy-166





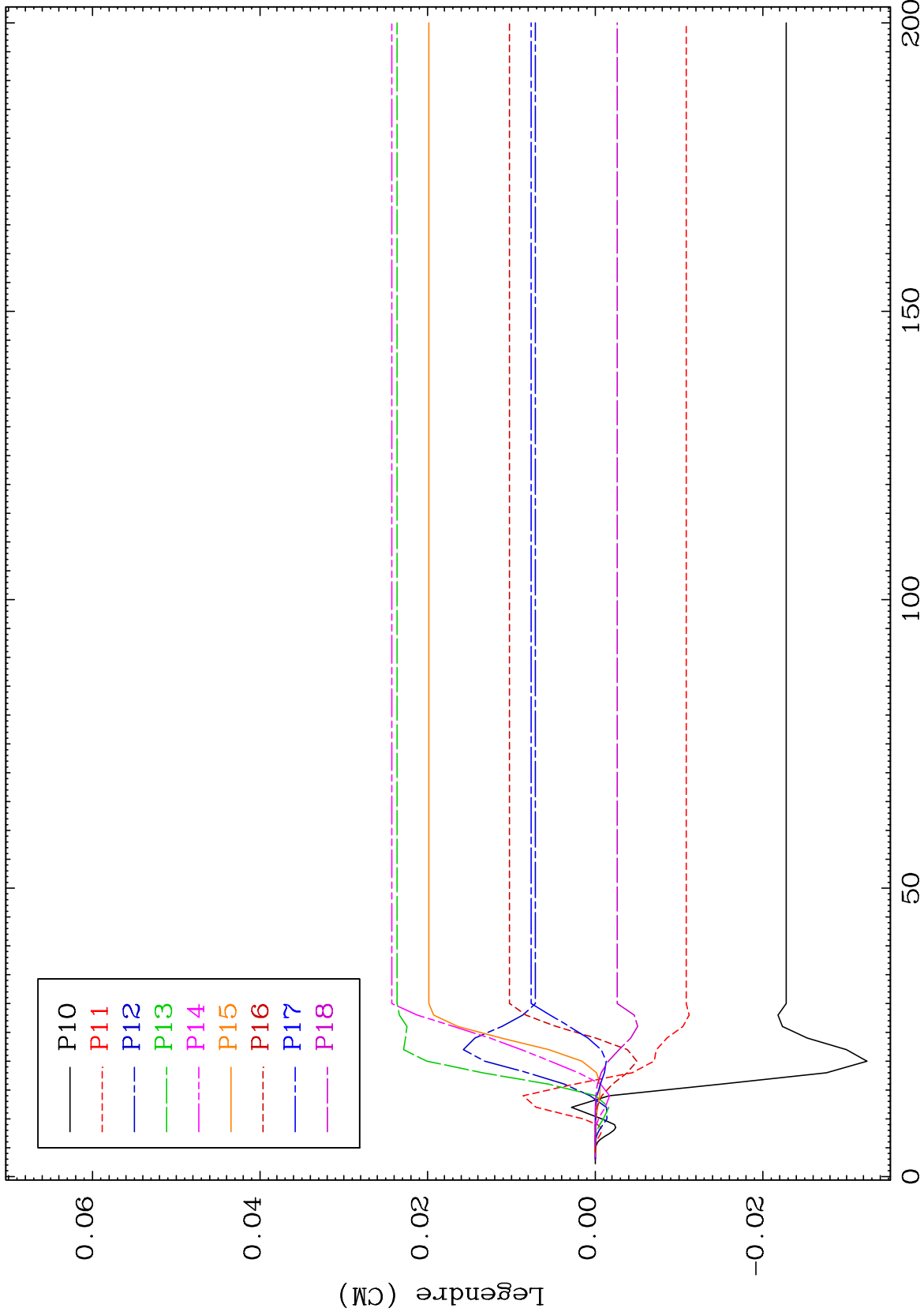




MAT 6655

2.070 MeV (n, n') Level
Legendre Coefficients

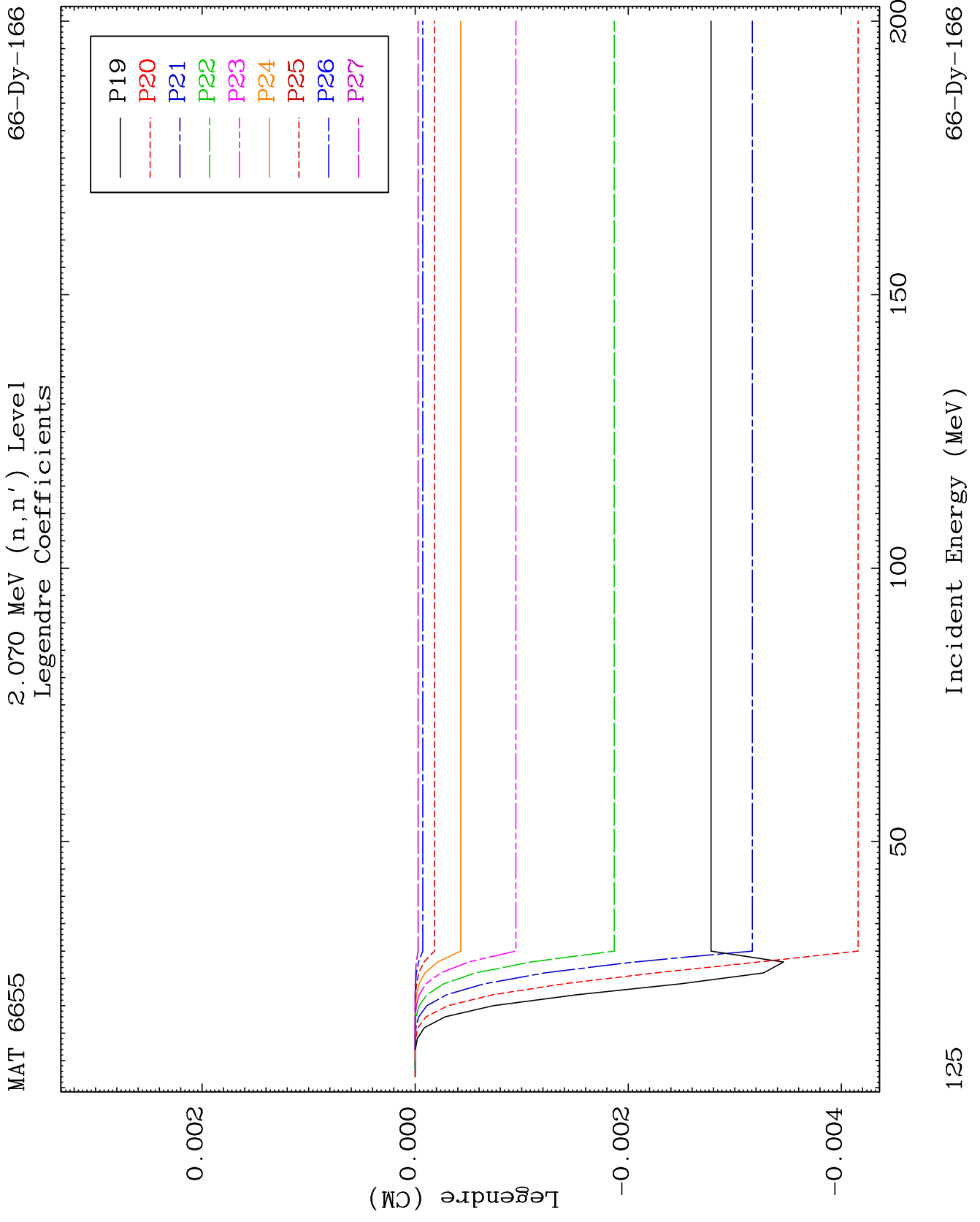
66-Dy-166

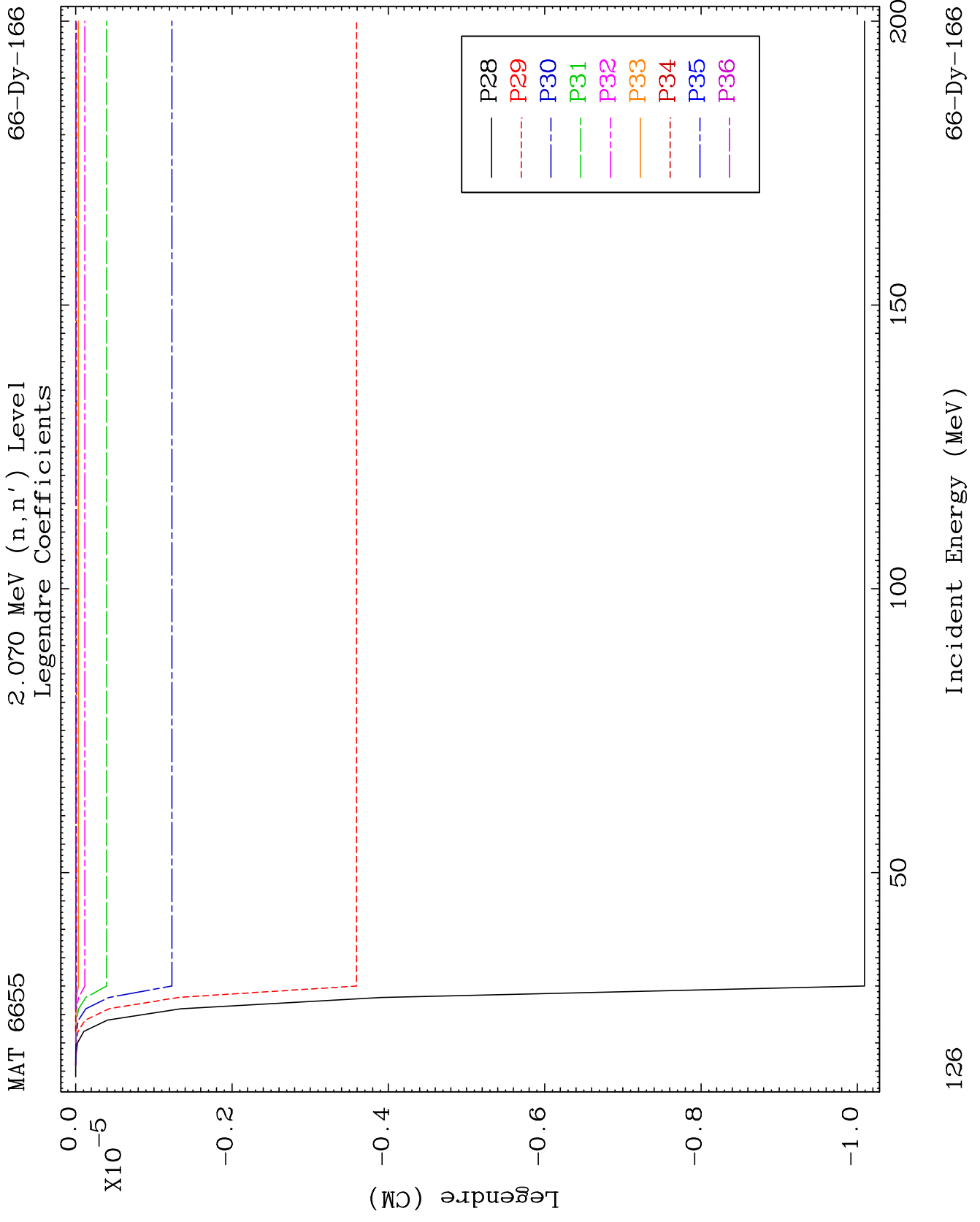


124

Incident Energy (MeV)

66-Dy-166

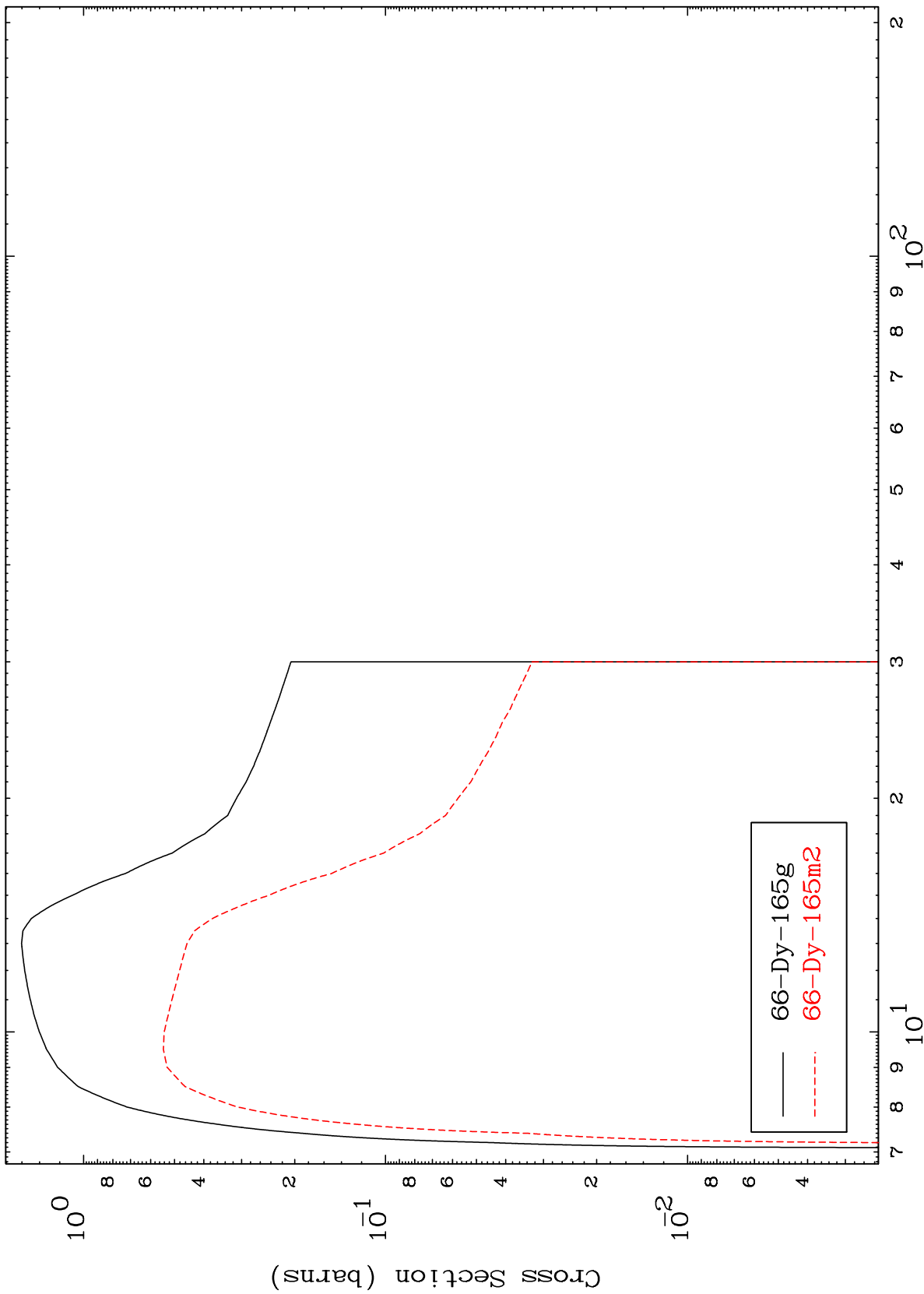




MAT 6655

66-Dy-166

(n,2n)
Radionuclide Production Cross Section



66-Dy-166

Incident Energy (MeV)

127