

Program EVALPLOT
(Version 2021-1)

by

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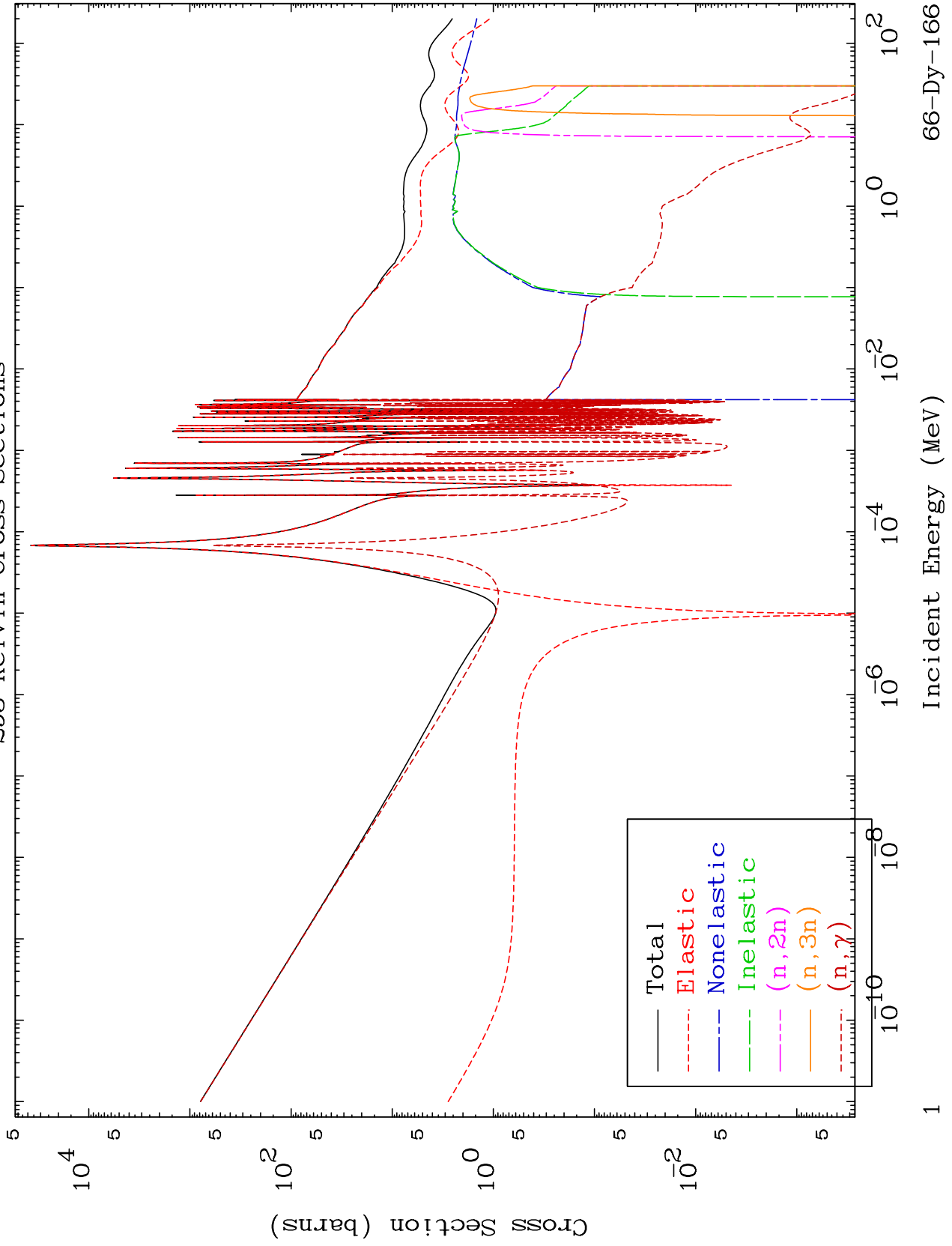
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Press Mouse Button to Start

MAT 6655

Neutron Major
293 Kelvin Cross Sections

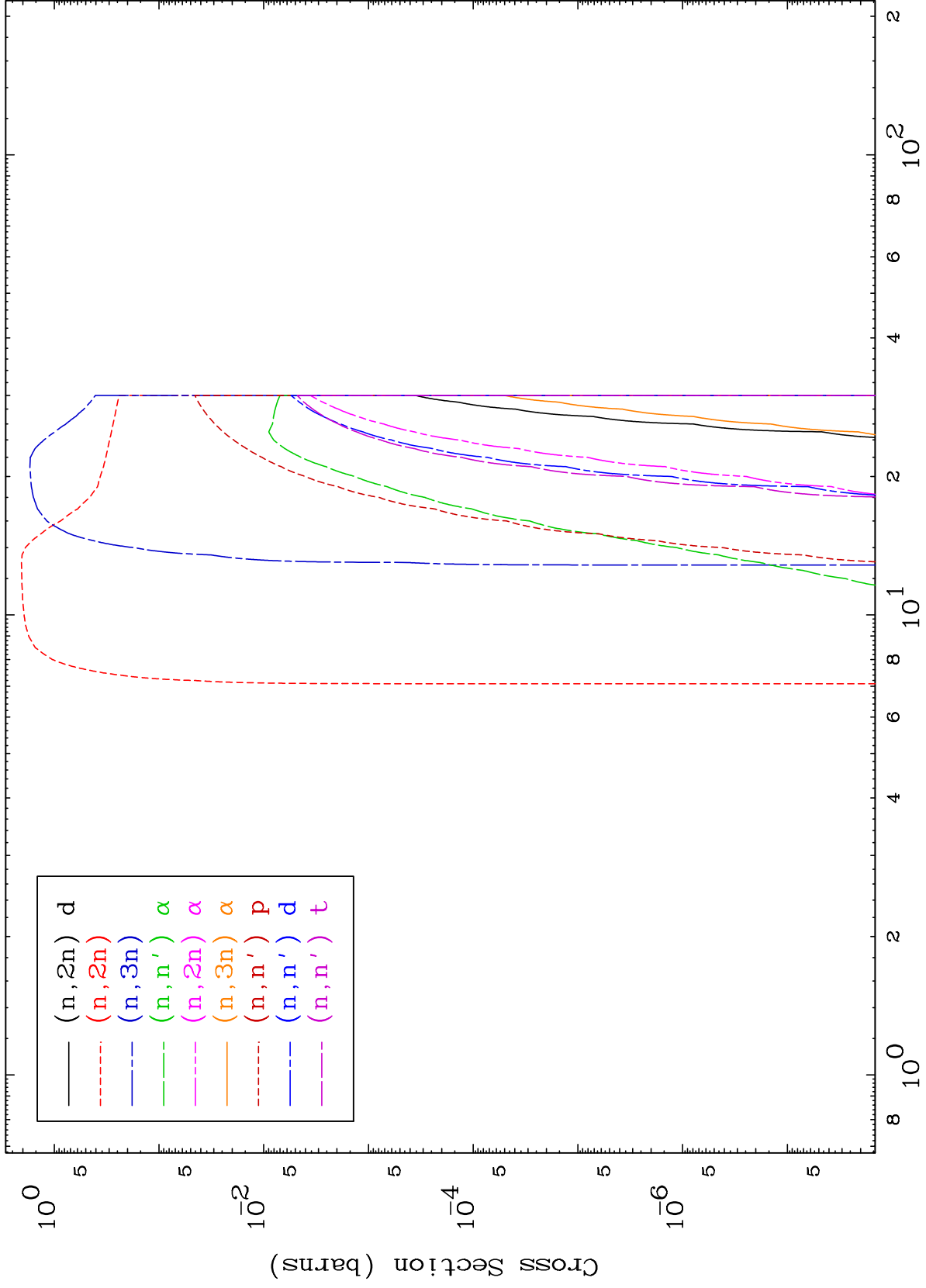
66-Dy-166



MAT 6655

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-166



2

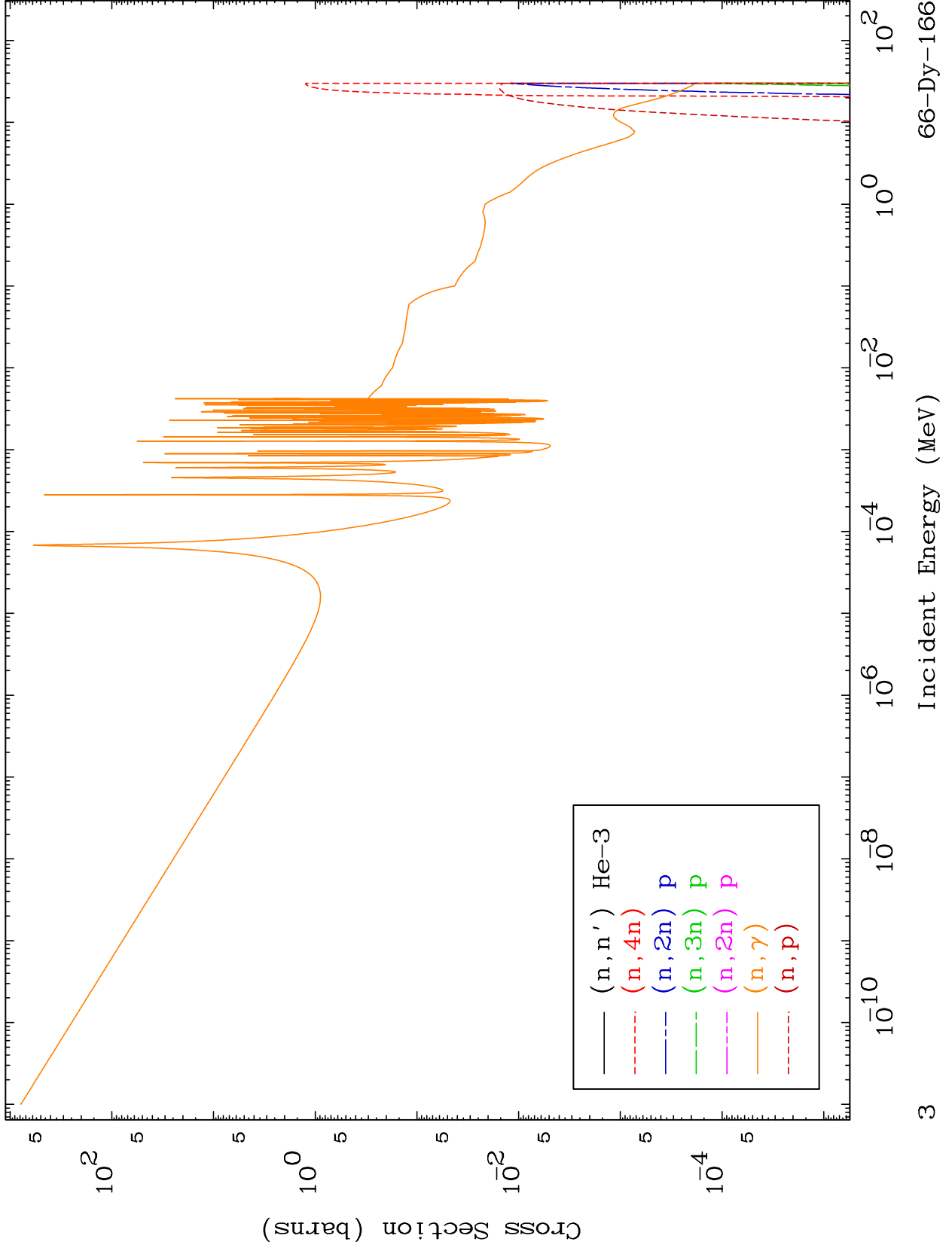
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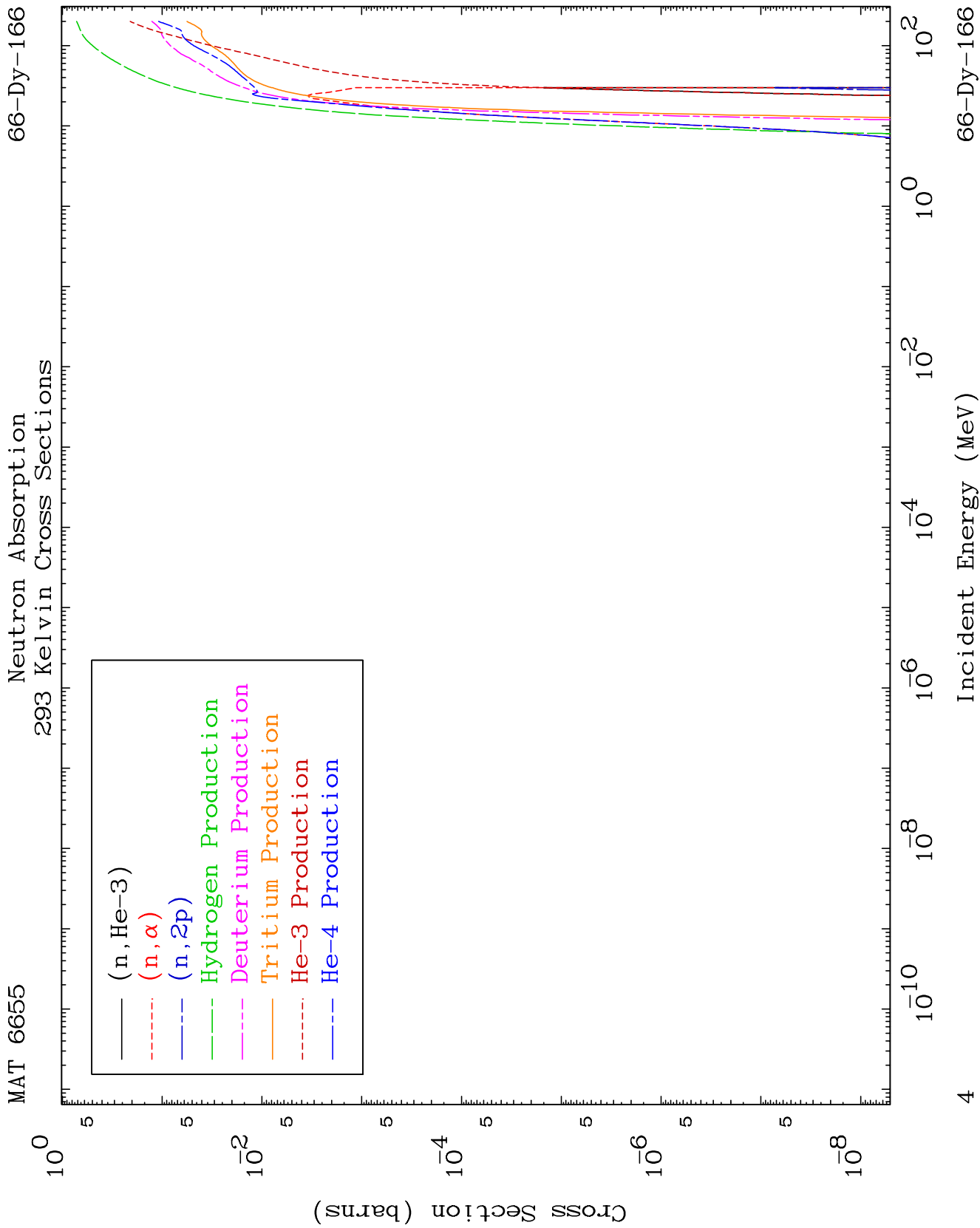
66-Dy-166

MAT 6655

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-166

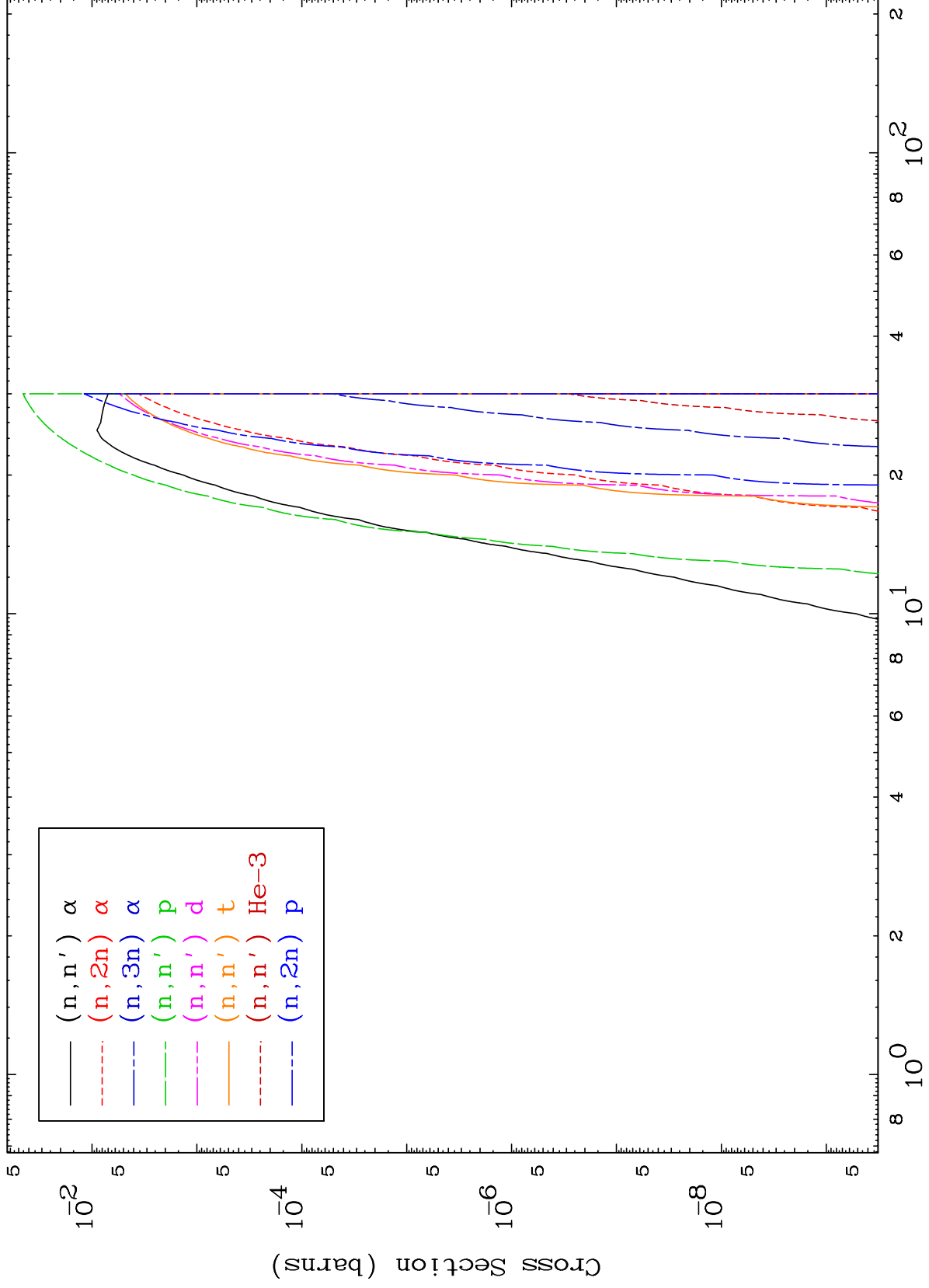




MAT 6655

Charged Particle
293 Kelvin Cross Sections

66-Dy-166



5

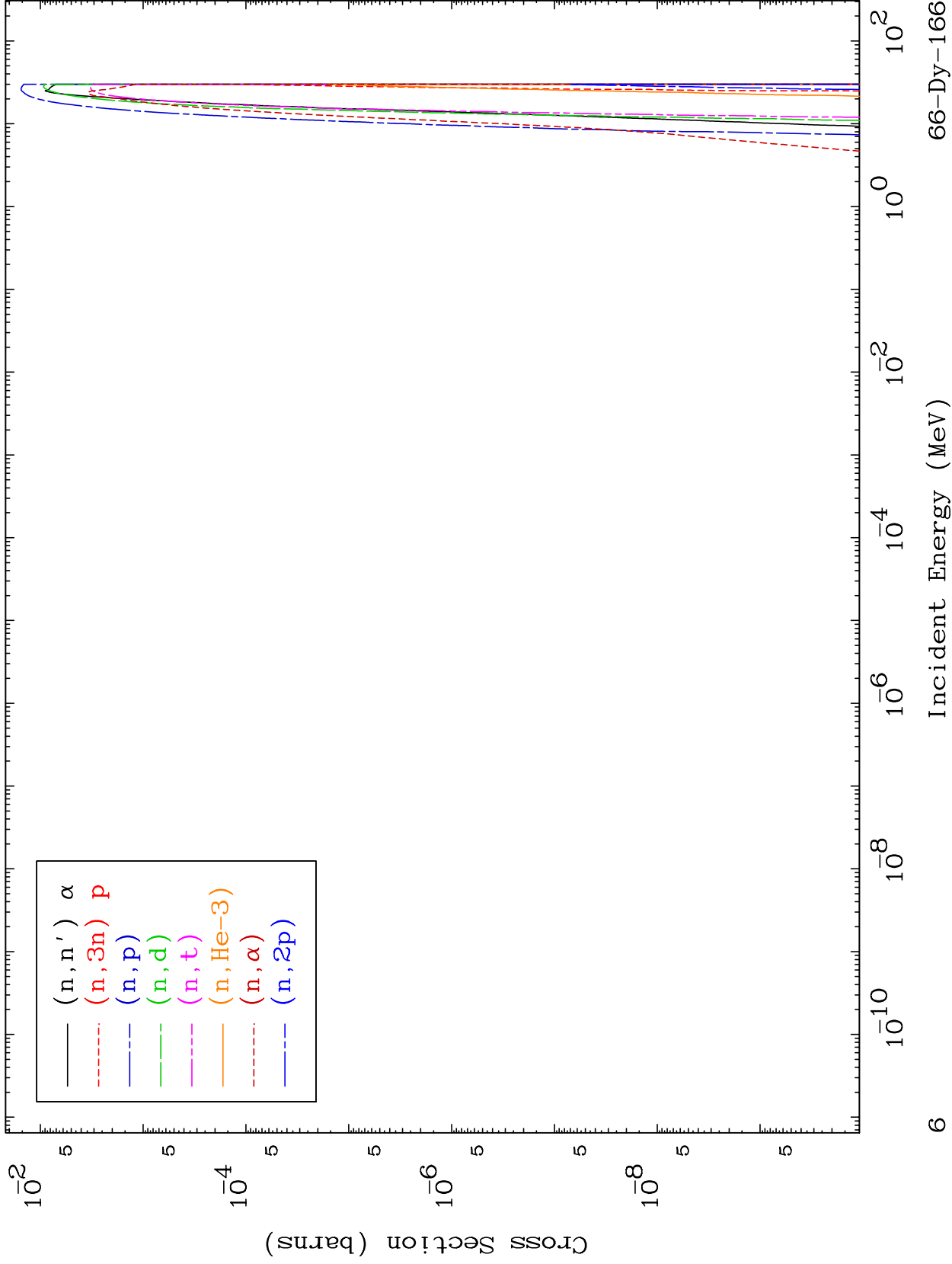
Incident Energy (MeV)

66-Dy-166

MAT 6655

Charged Particle
293 Kelvin Cross Sections

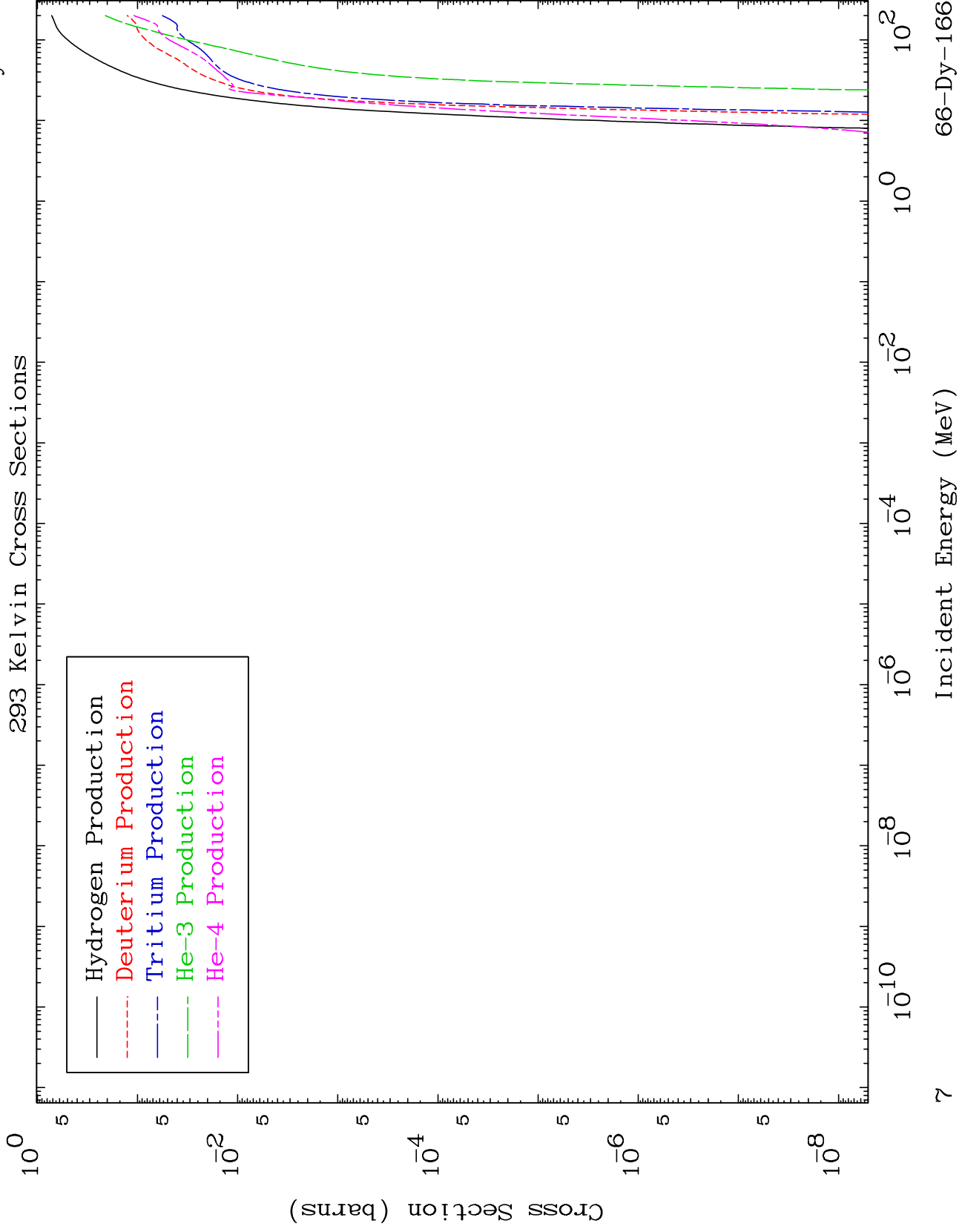
66-Dy-166



MAT 6655

Particle Production
293 Kelvin Cross Sections

66-Dy-166

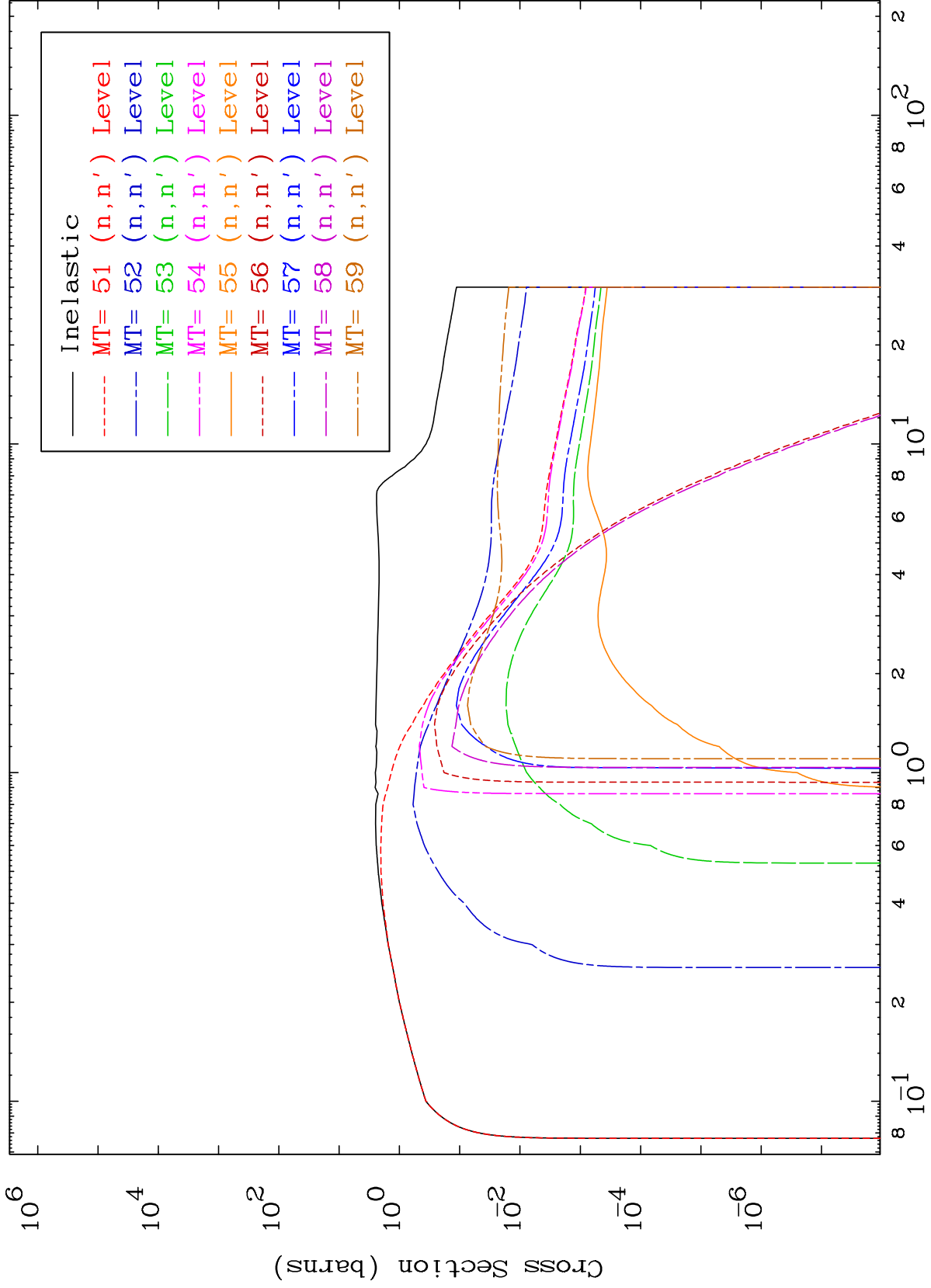


MAT 6655

(n,n') Levels

66-Dy-166

293 Kelvin Cross Sections



8

Incident Energy (MeV)

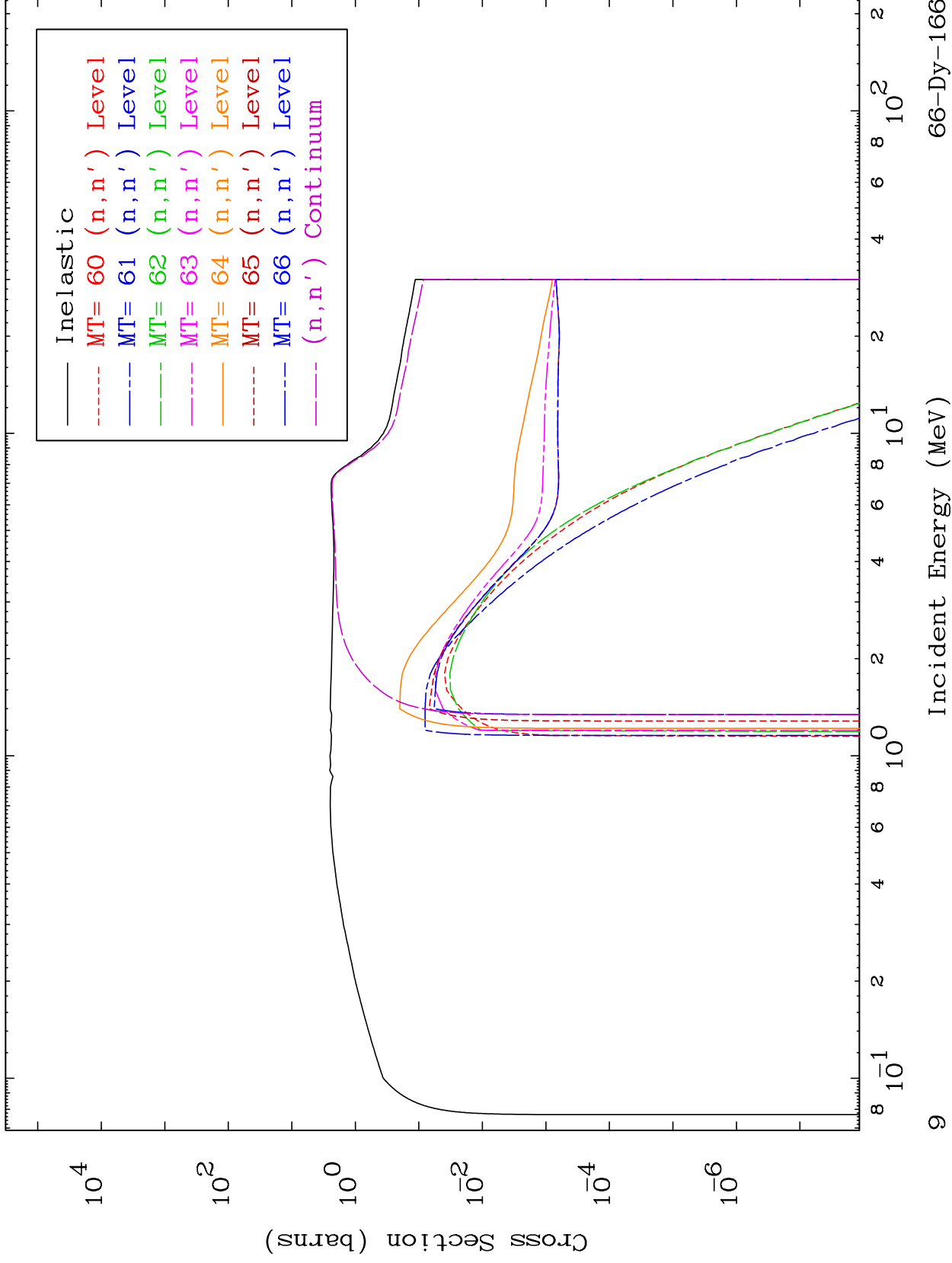
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MAT 6655

(n,n') Levels

293 Kelvin Cross Sections

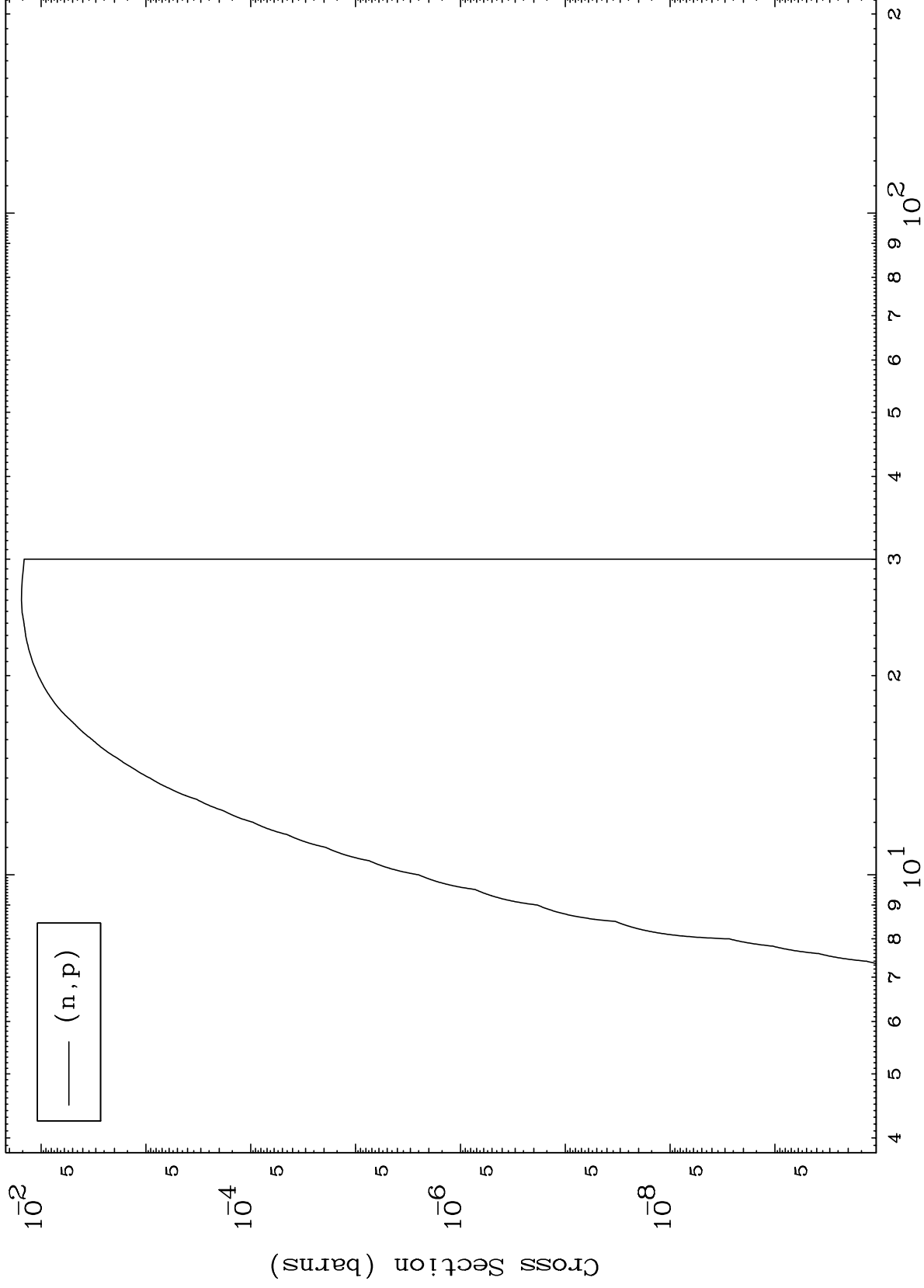
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MAT 6655

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-166



10

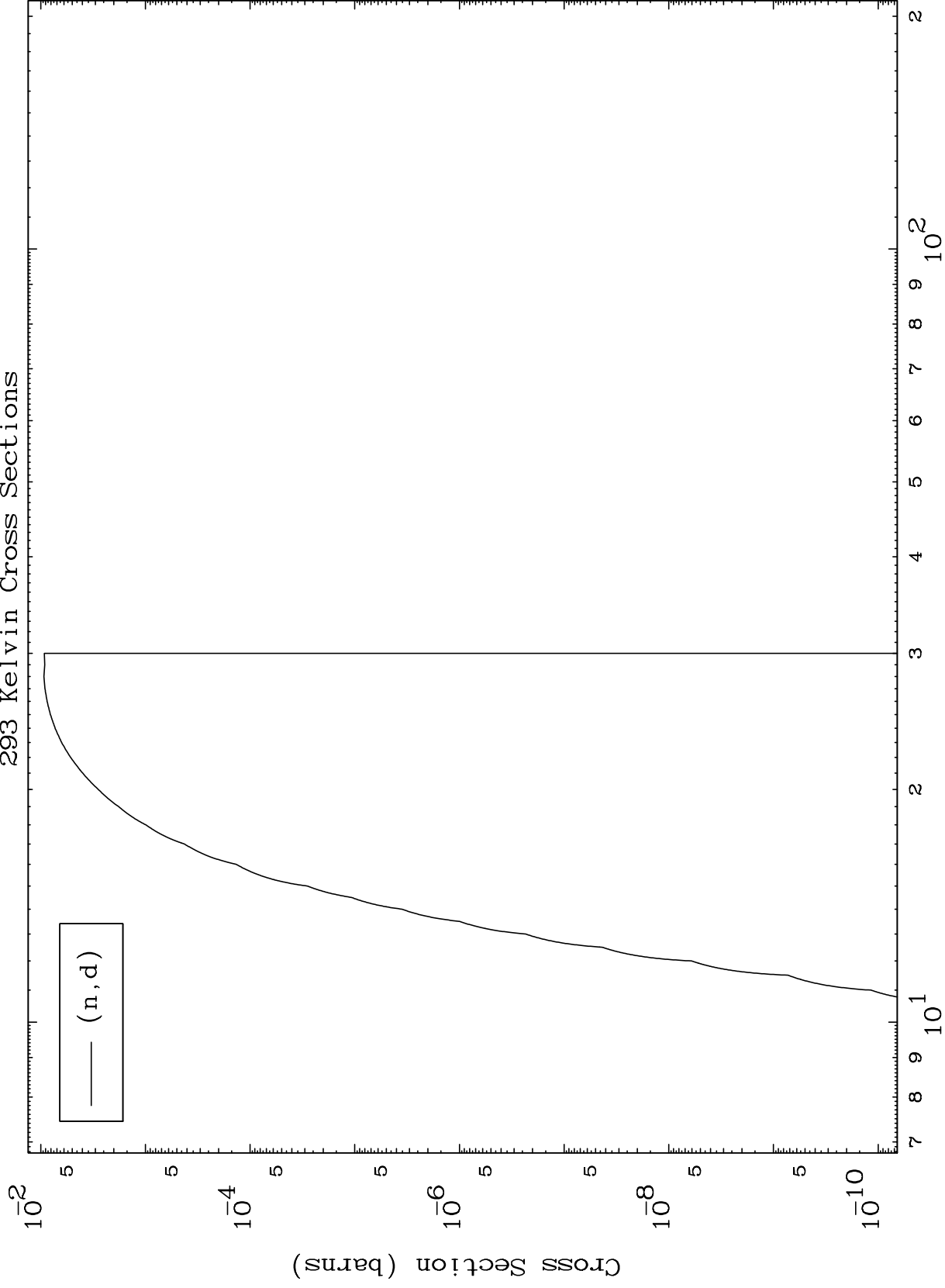
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66-Dy-166

MAT 6655

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-166



11

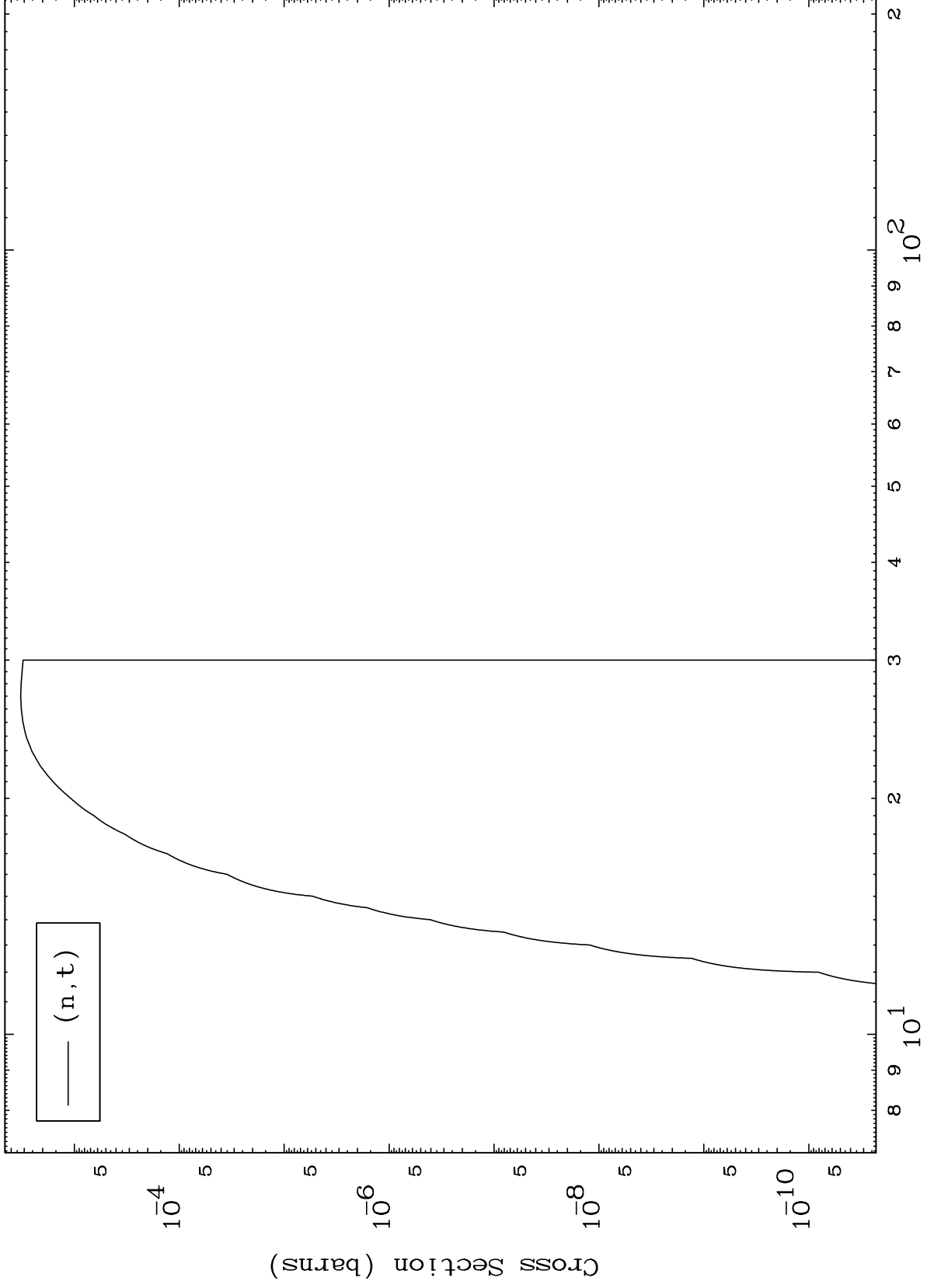
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66-Dy-166

MAT 6655

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-166



12

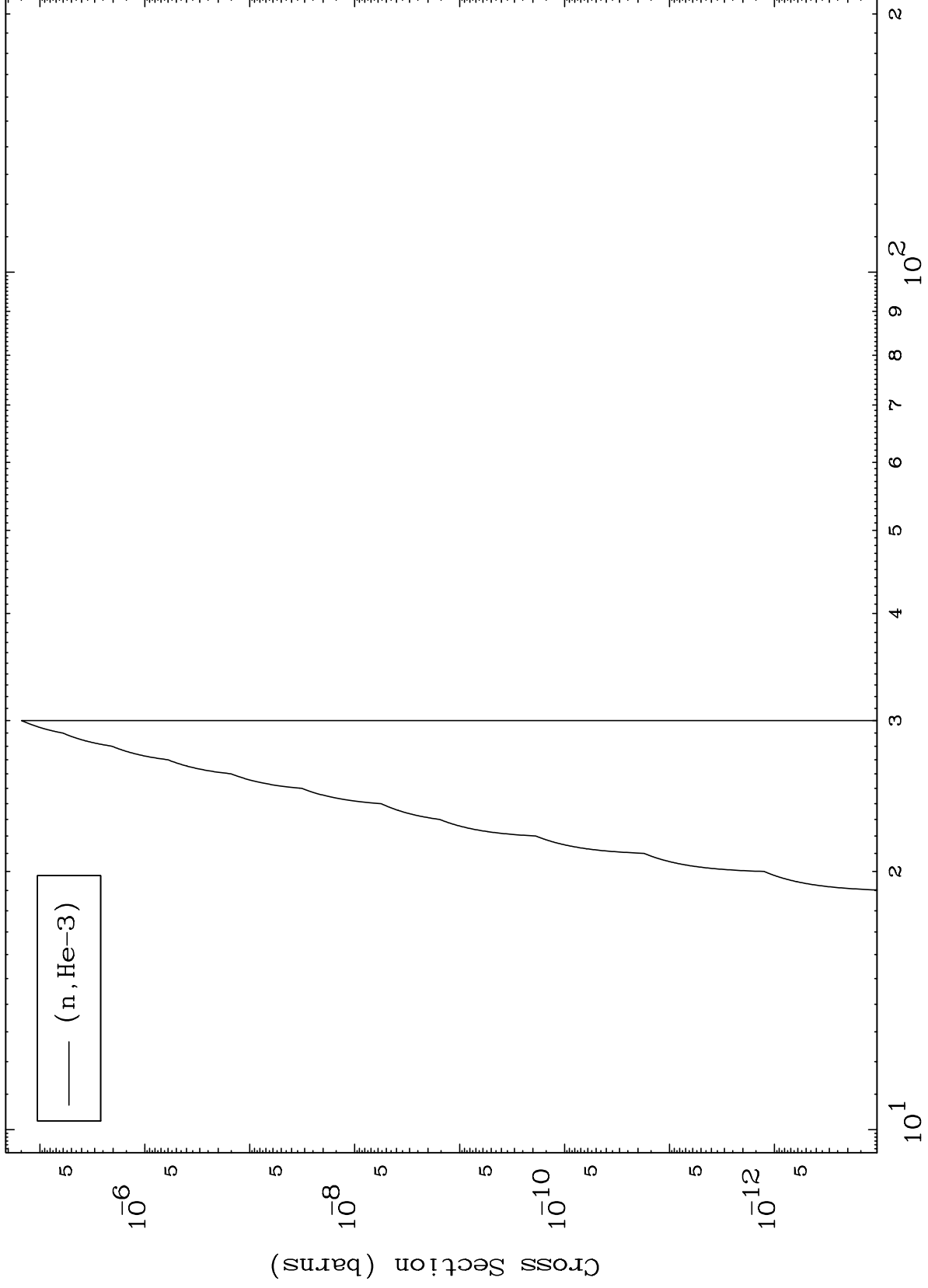
Incident Energy (MeV)

66-Dy-166

MAT 6655

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-166



13

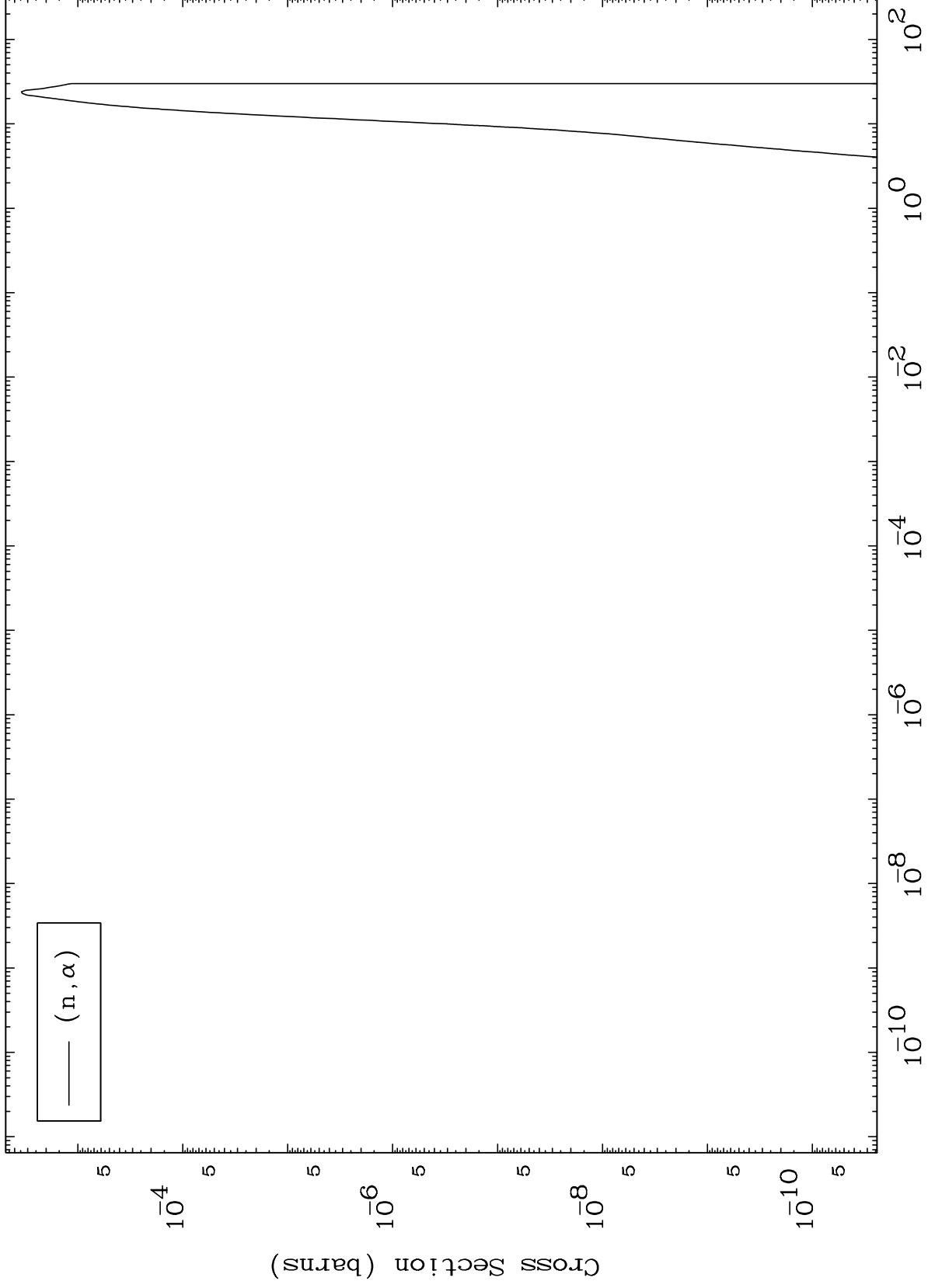
Incident Energy (MeV)

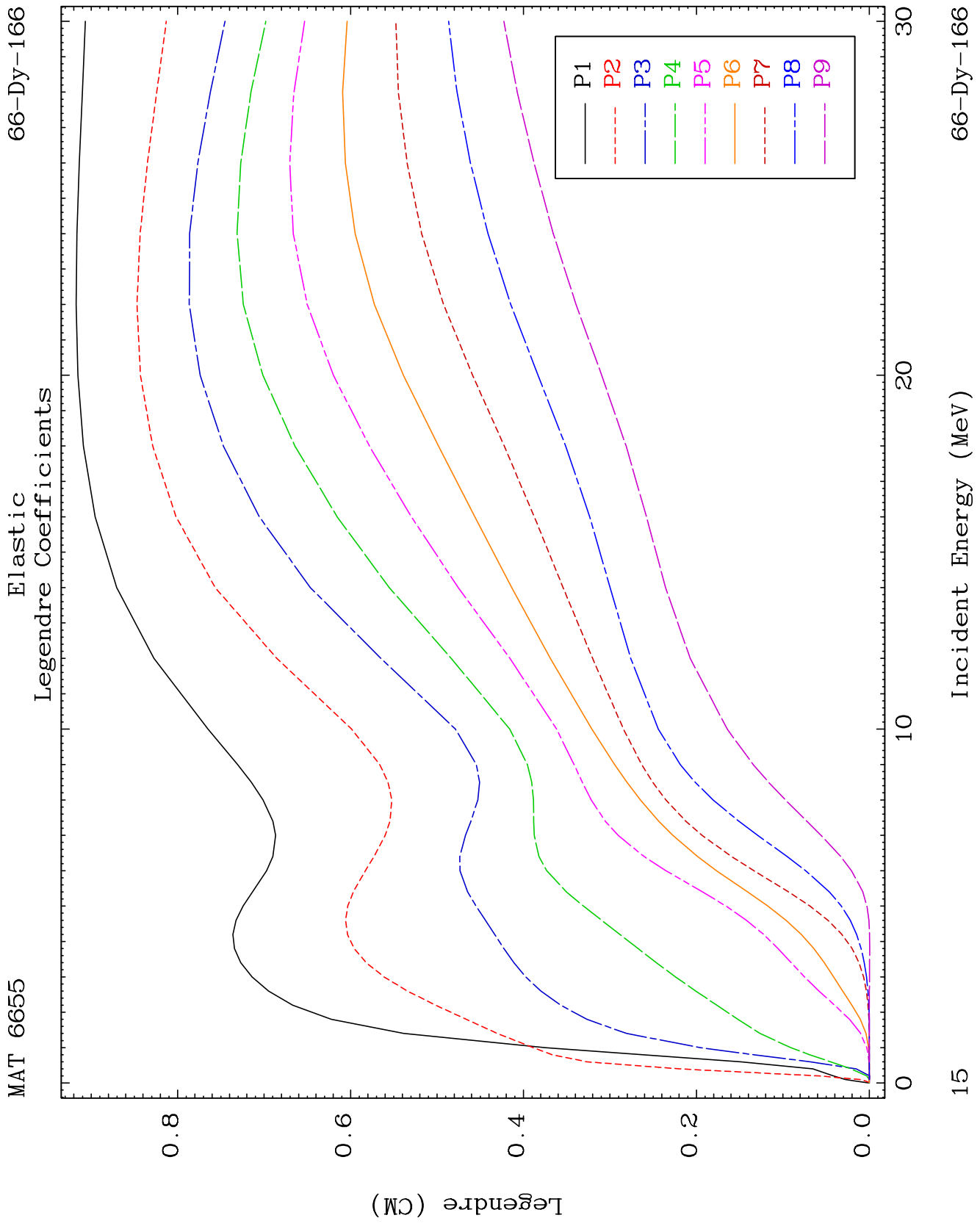
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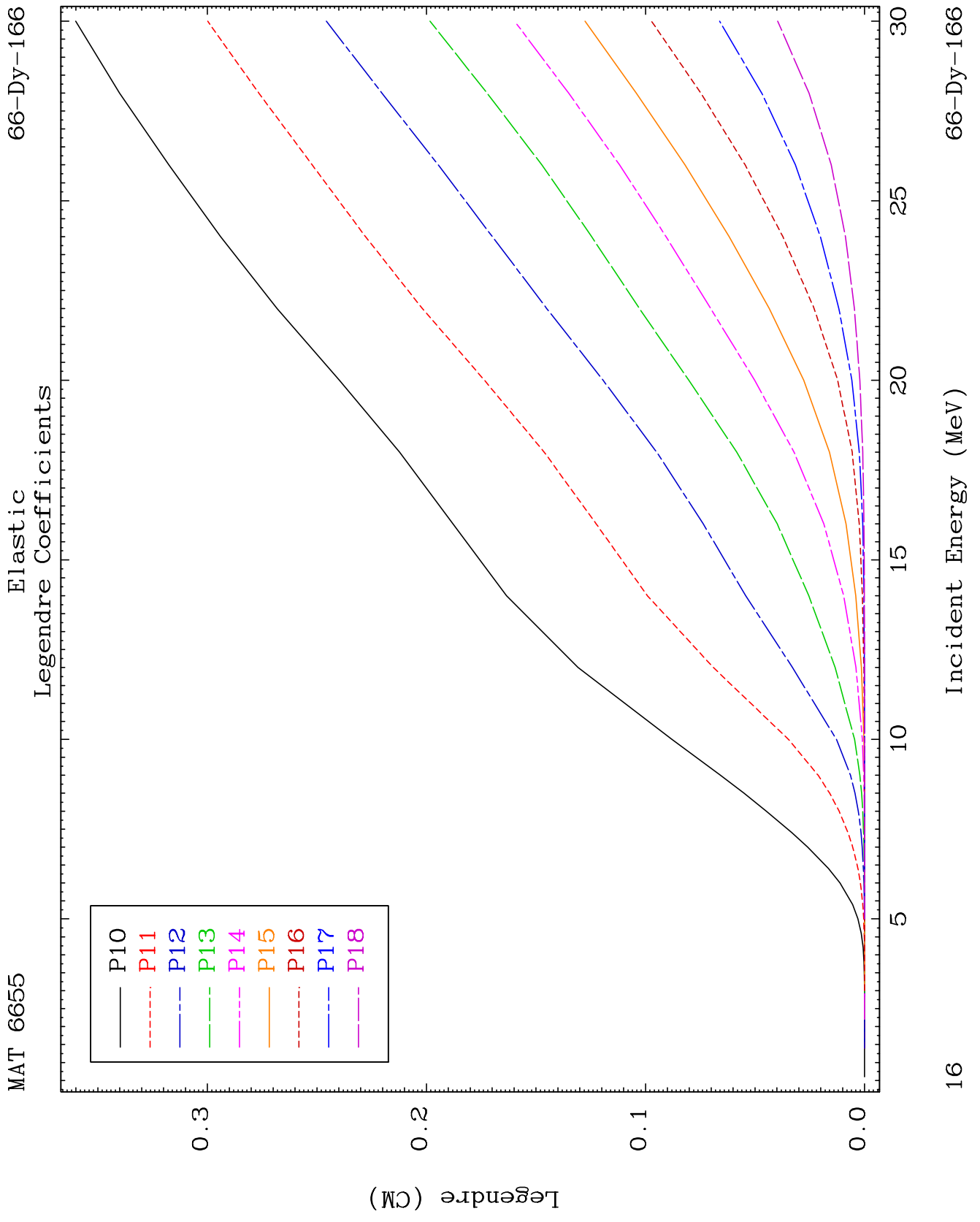
MAT 6655

(n, α) Levels
293 Kelvin Cross Sections

66-Dy-166



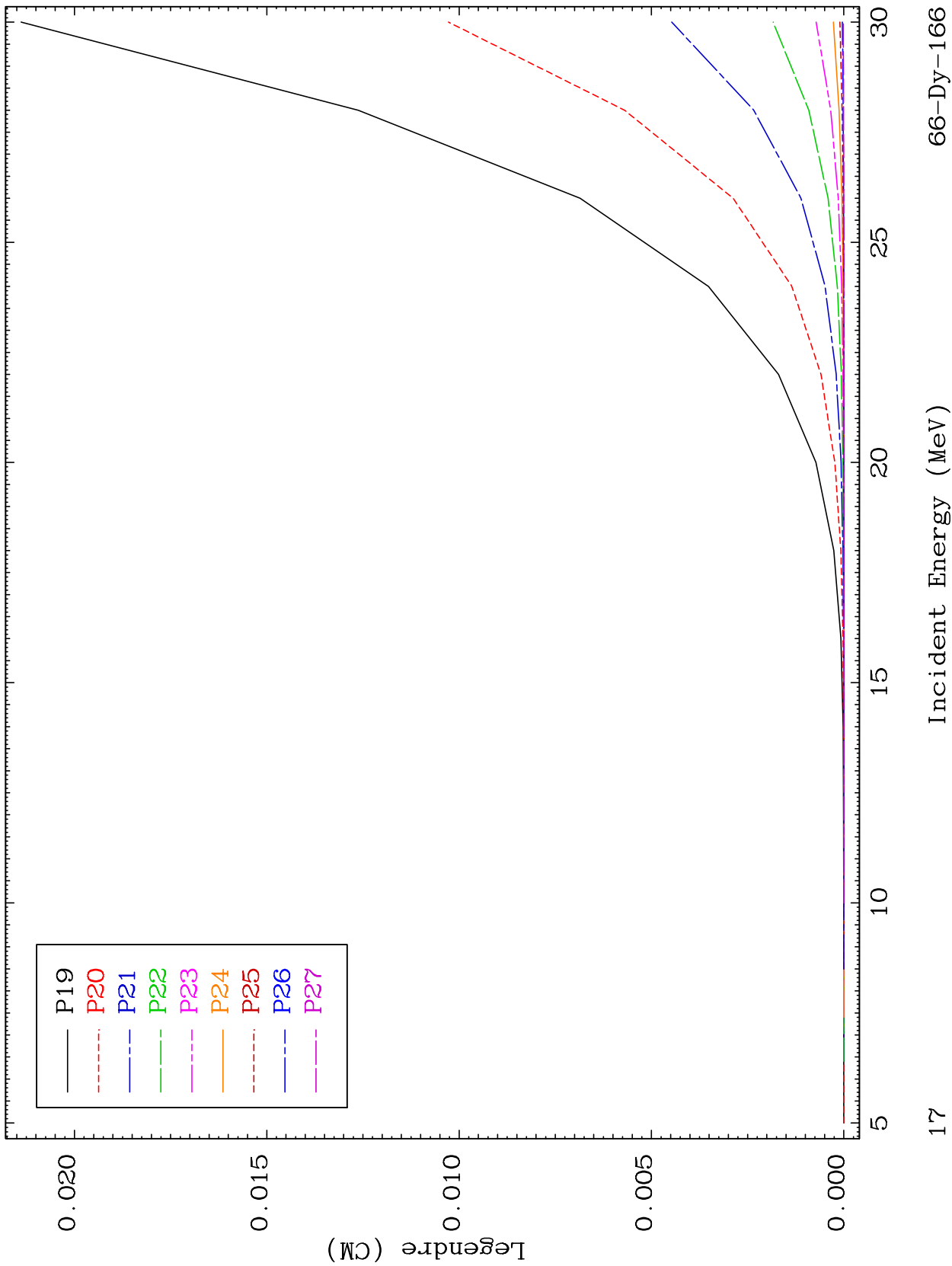




MAT 6655

Elastic Legendre Coefficients

66-Dy-166



17

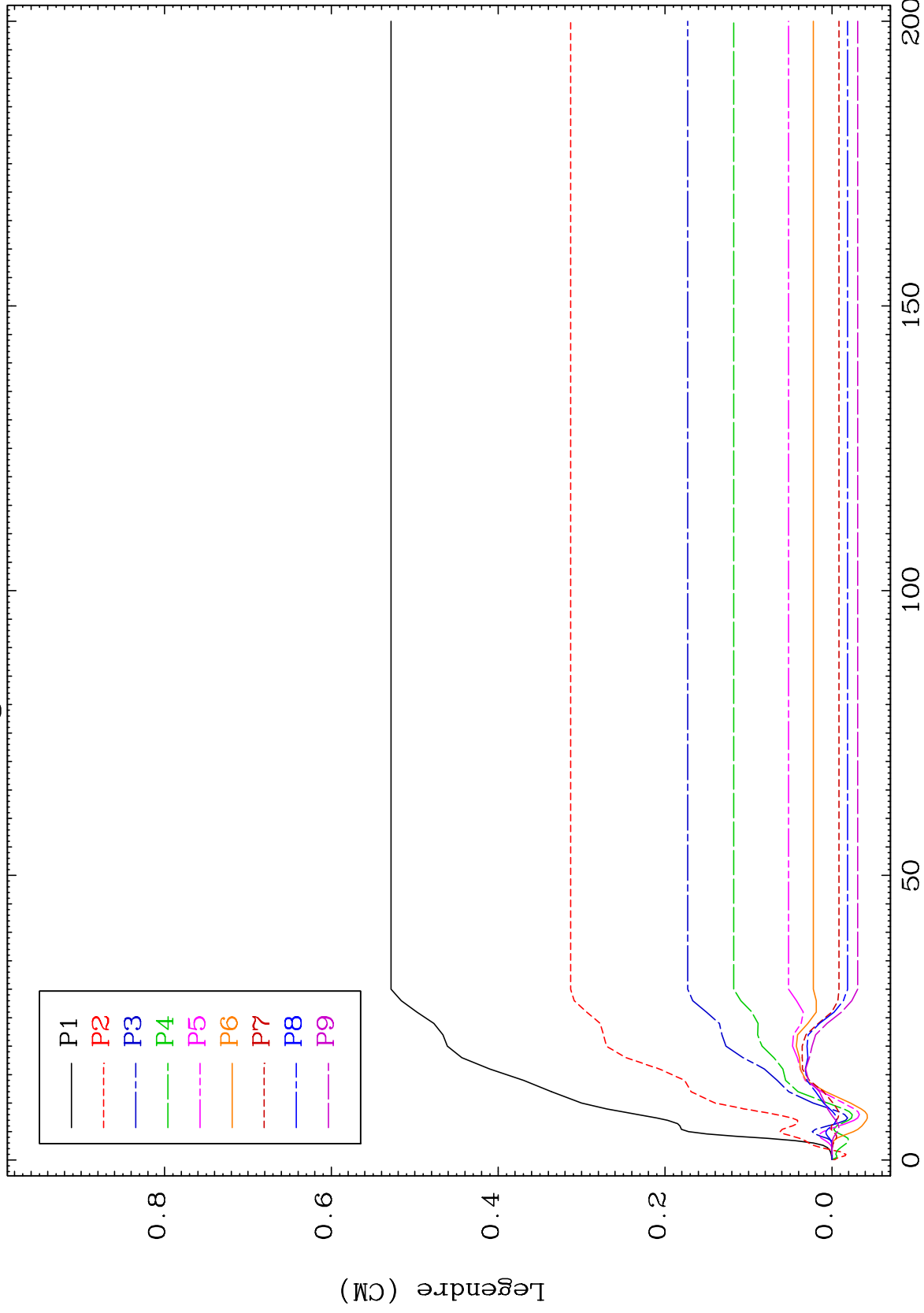
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

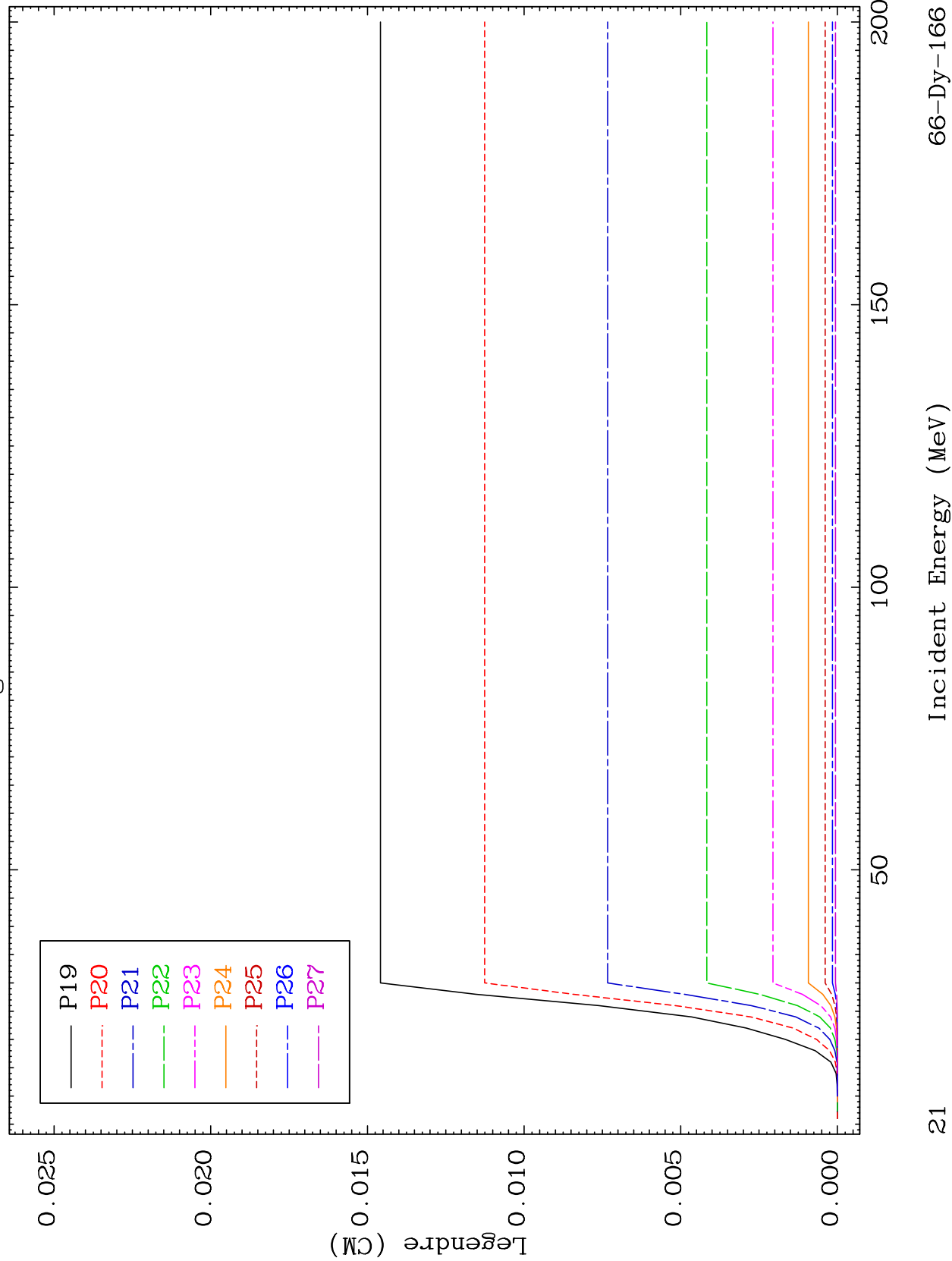
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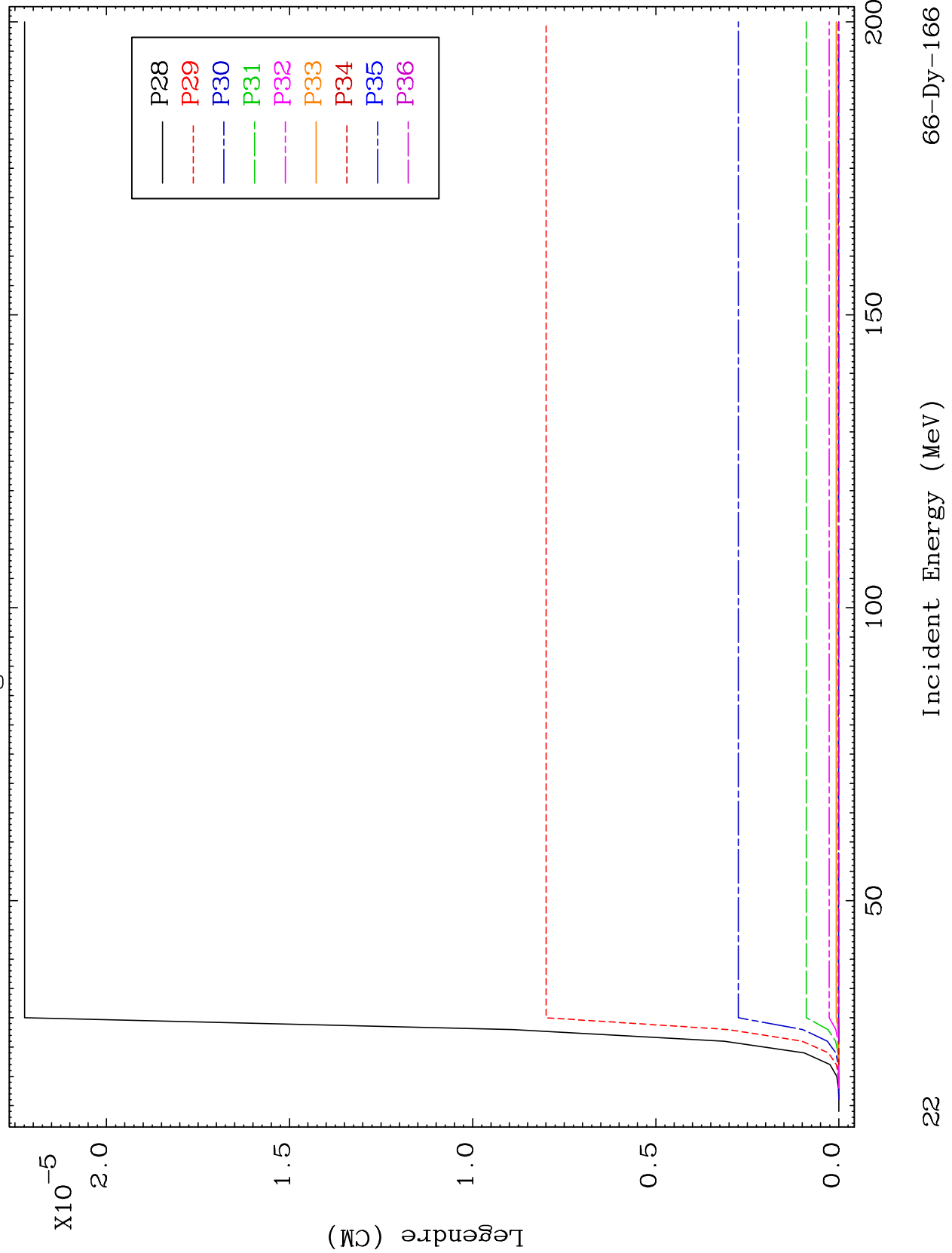


19

Incident Energy (MeV)

66-Dy-166

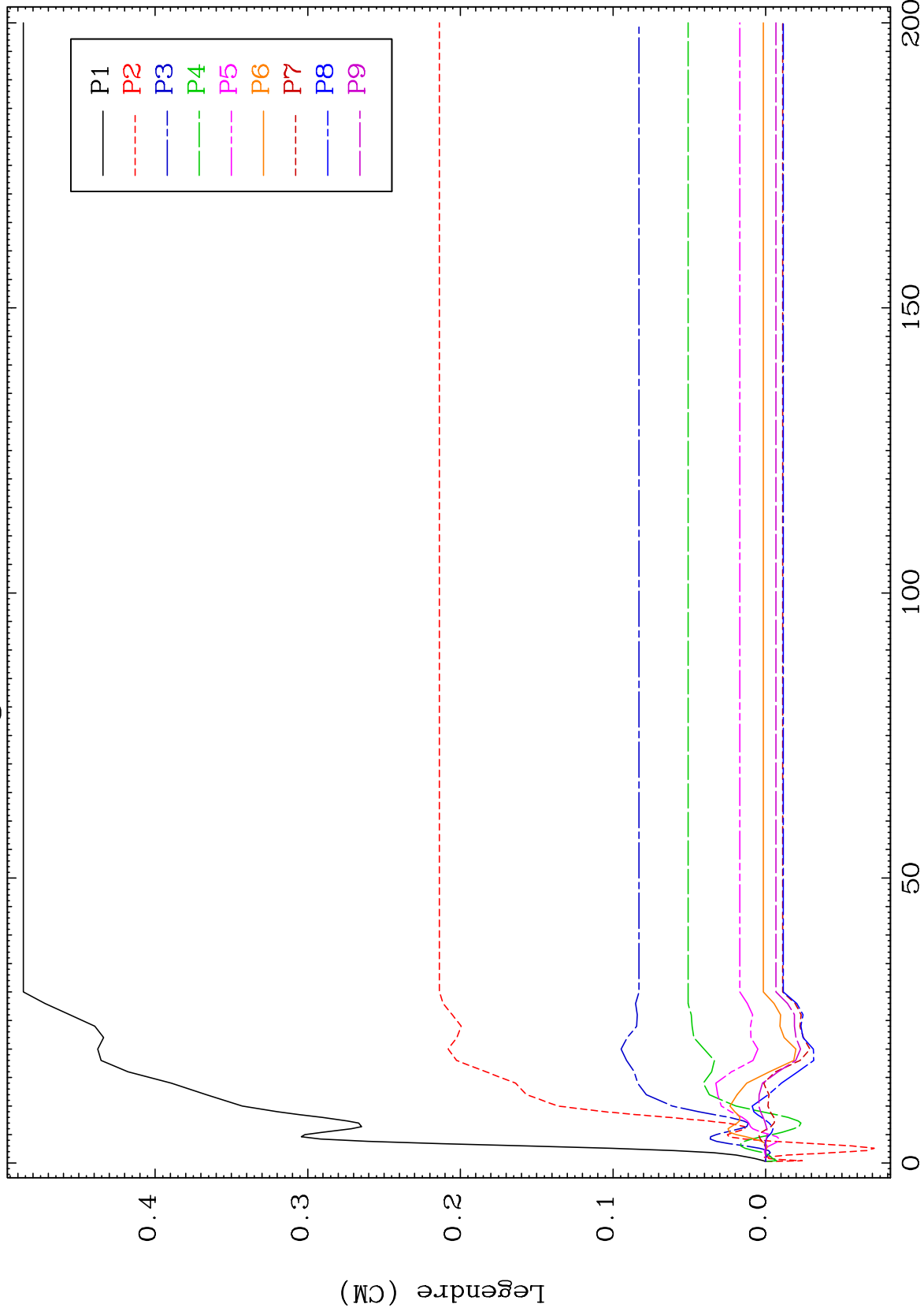




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MT= 52 (n,n') Level
Legendre Coefficients

66-Dy-166



23

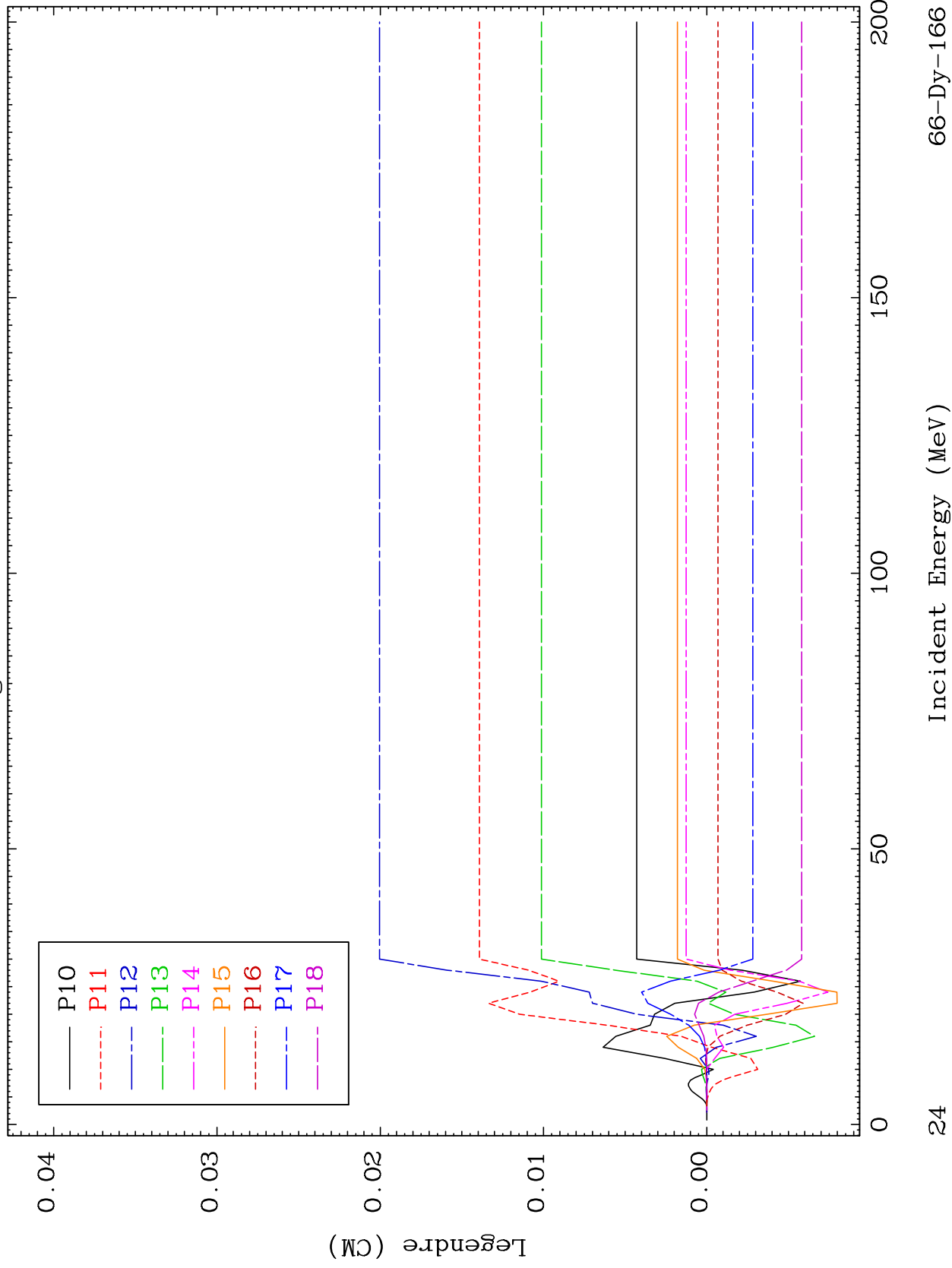
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166

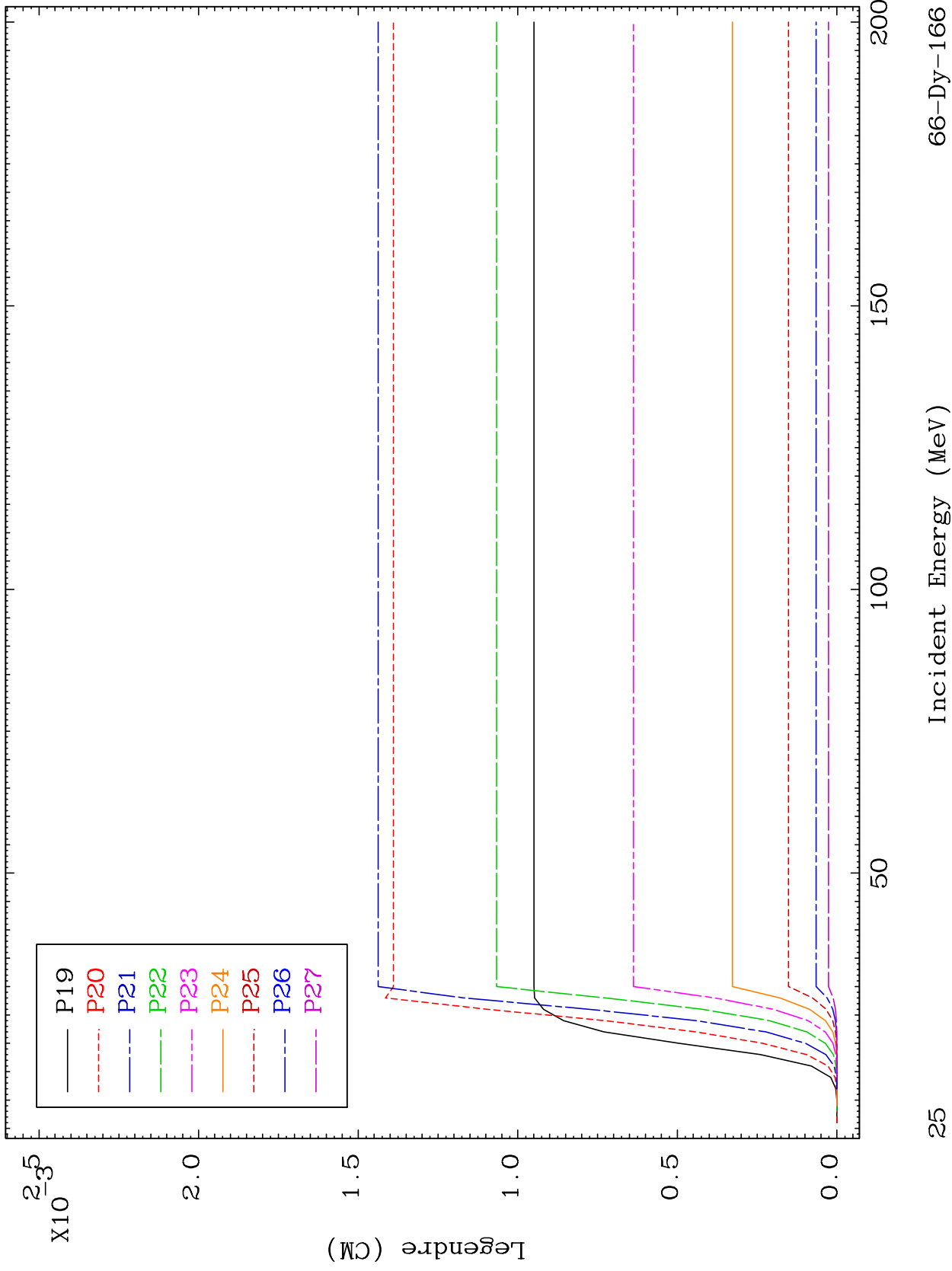


24

MAT 6655

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

66-Dy-166



25

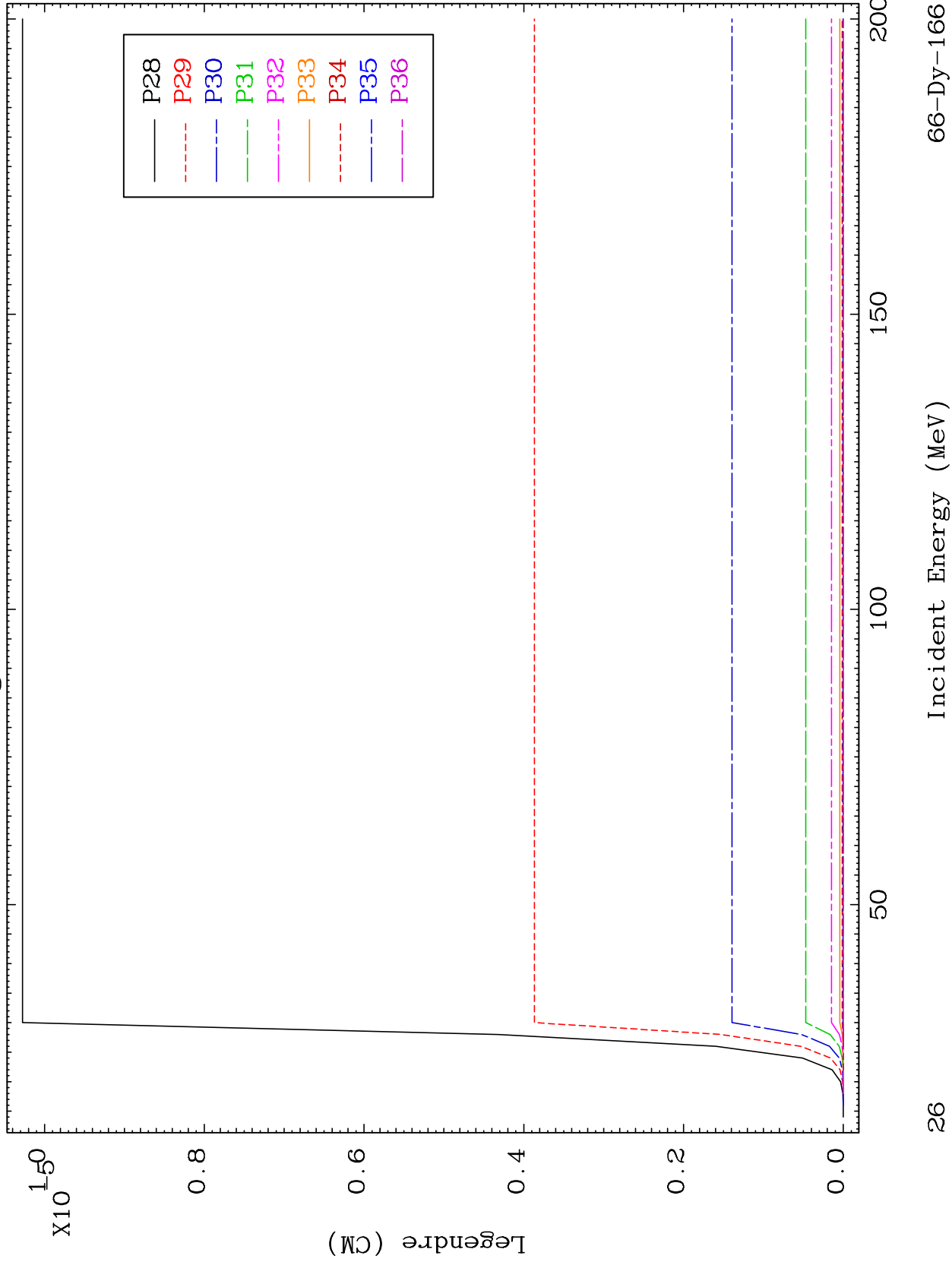
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



26

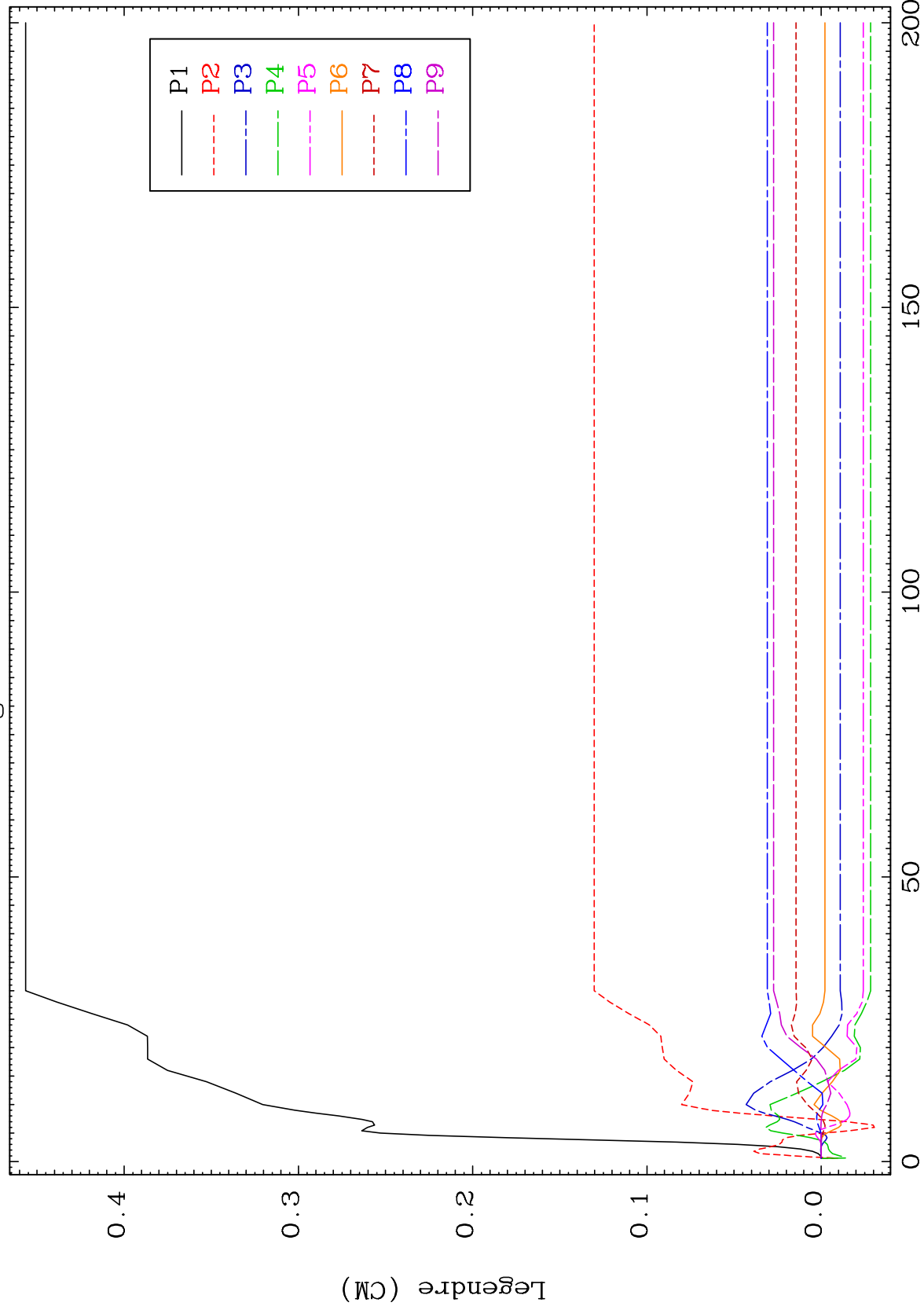
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



27

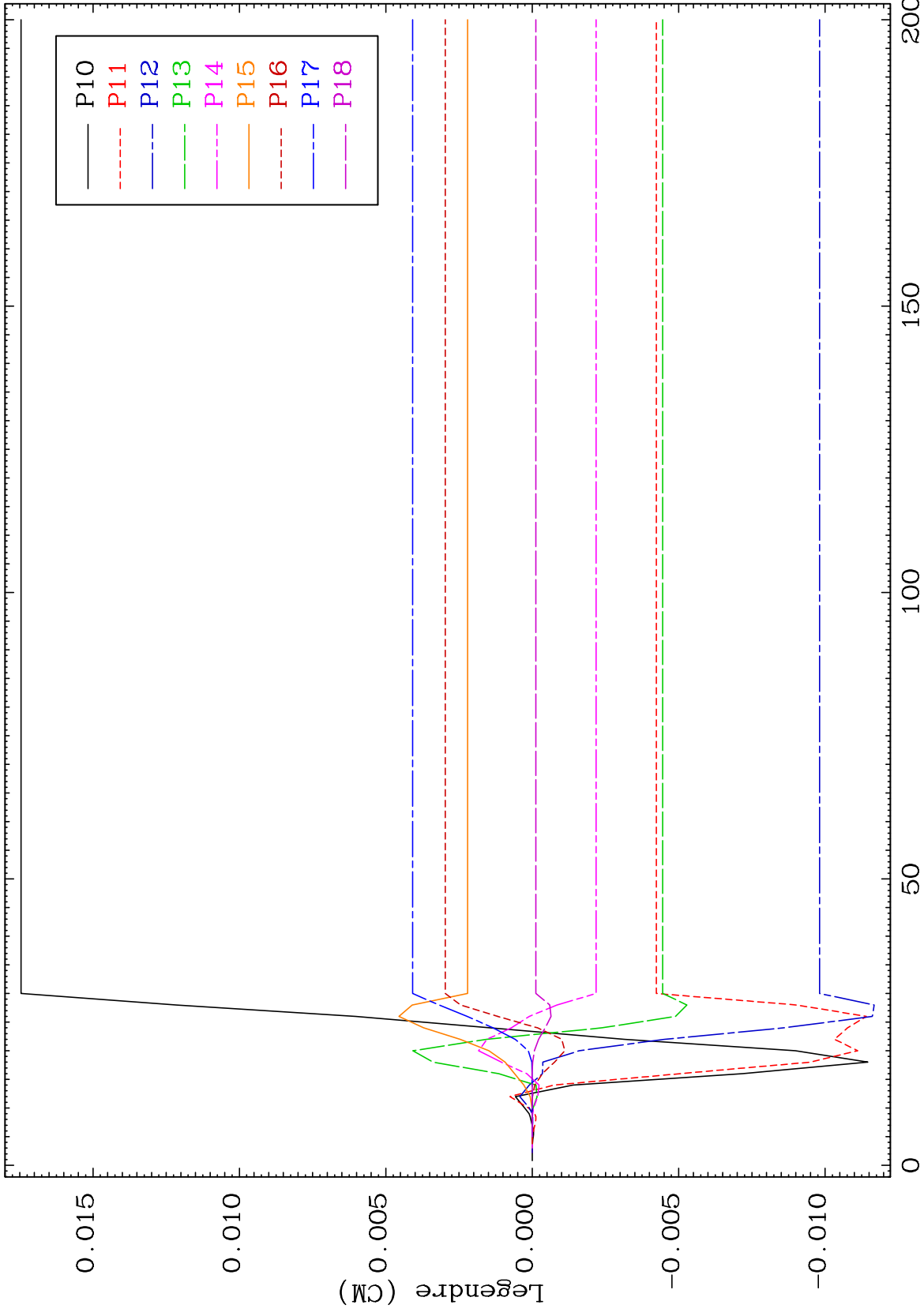
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



28

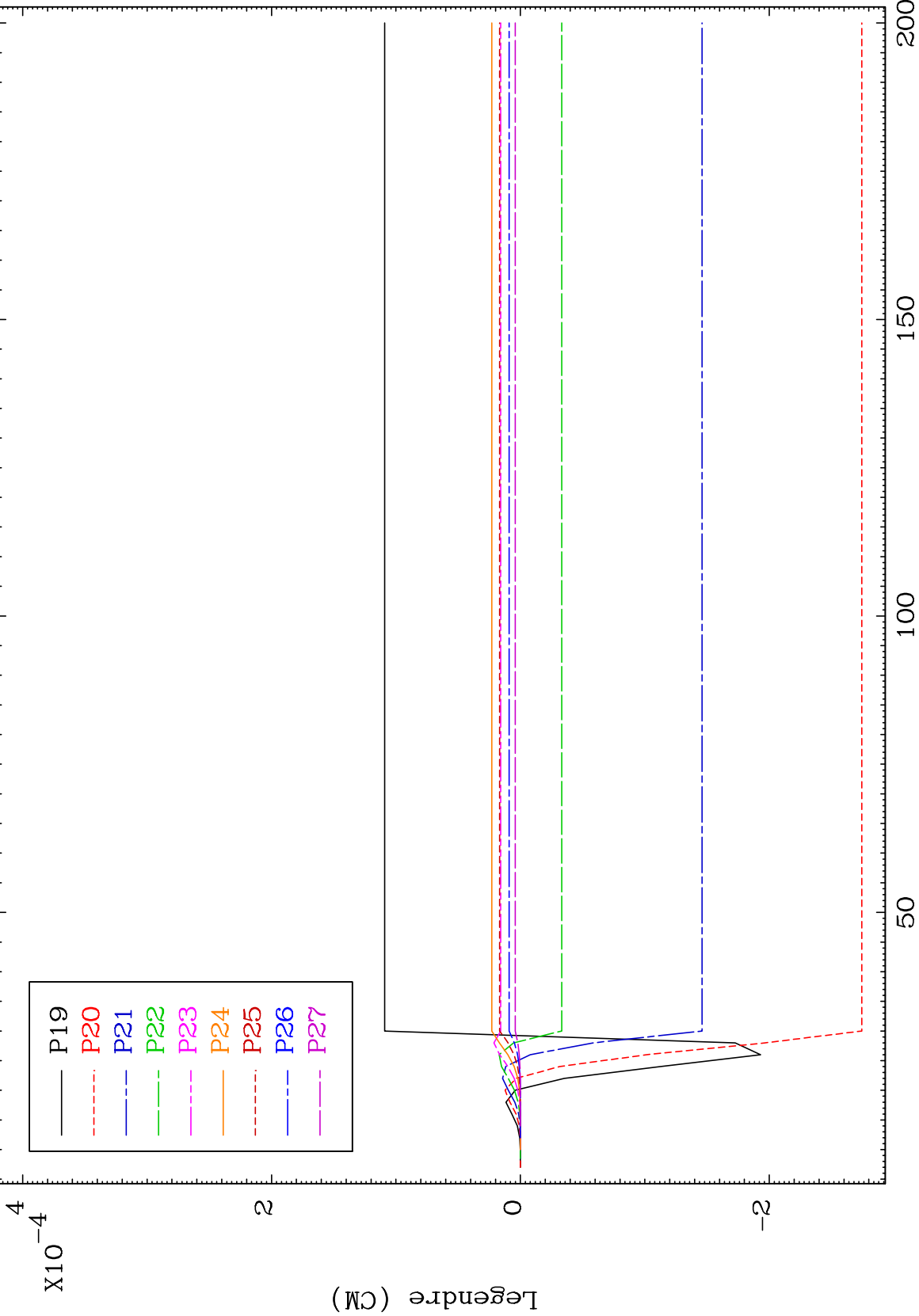
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



29

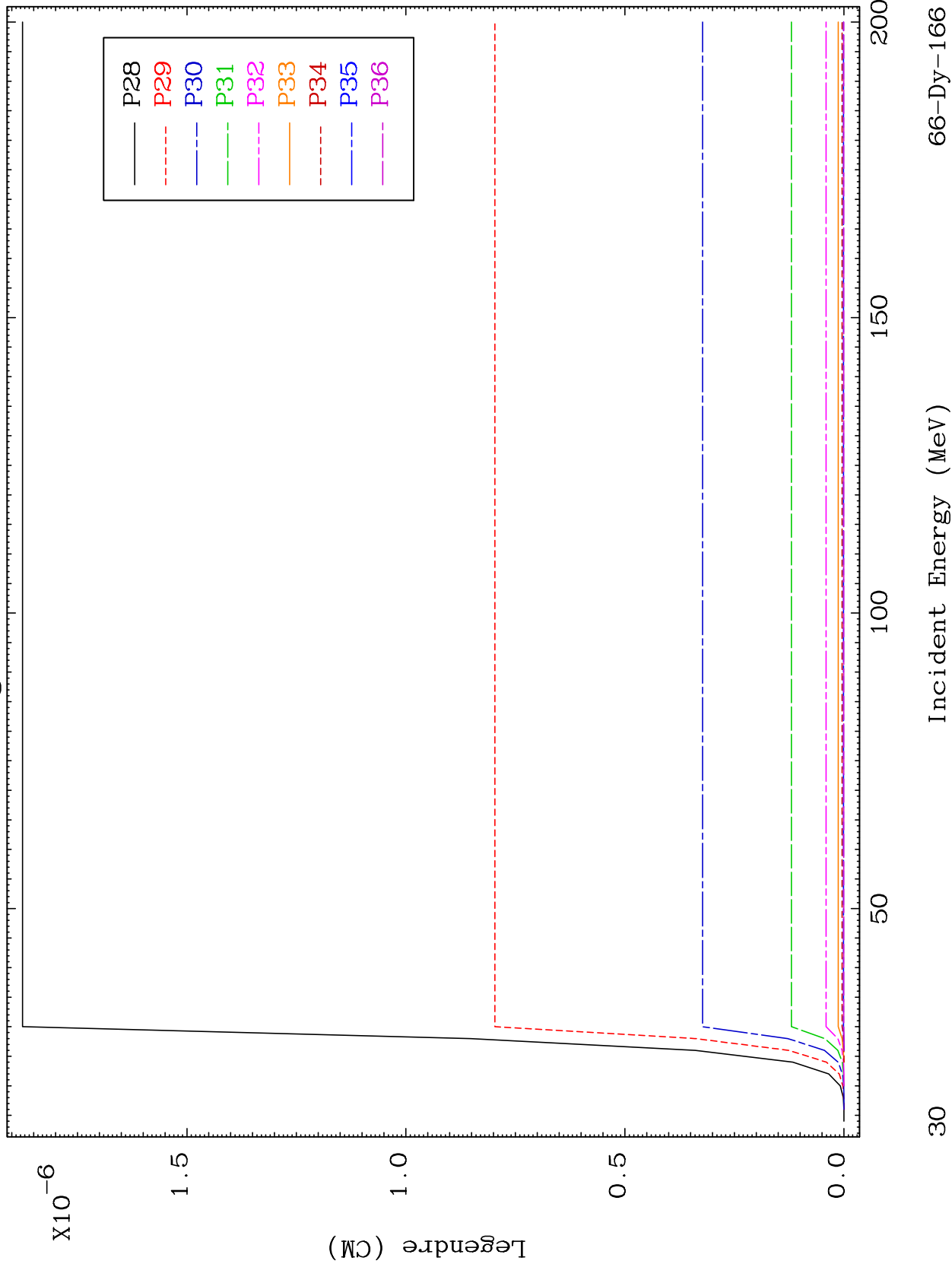
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



30

50

100

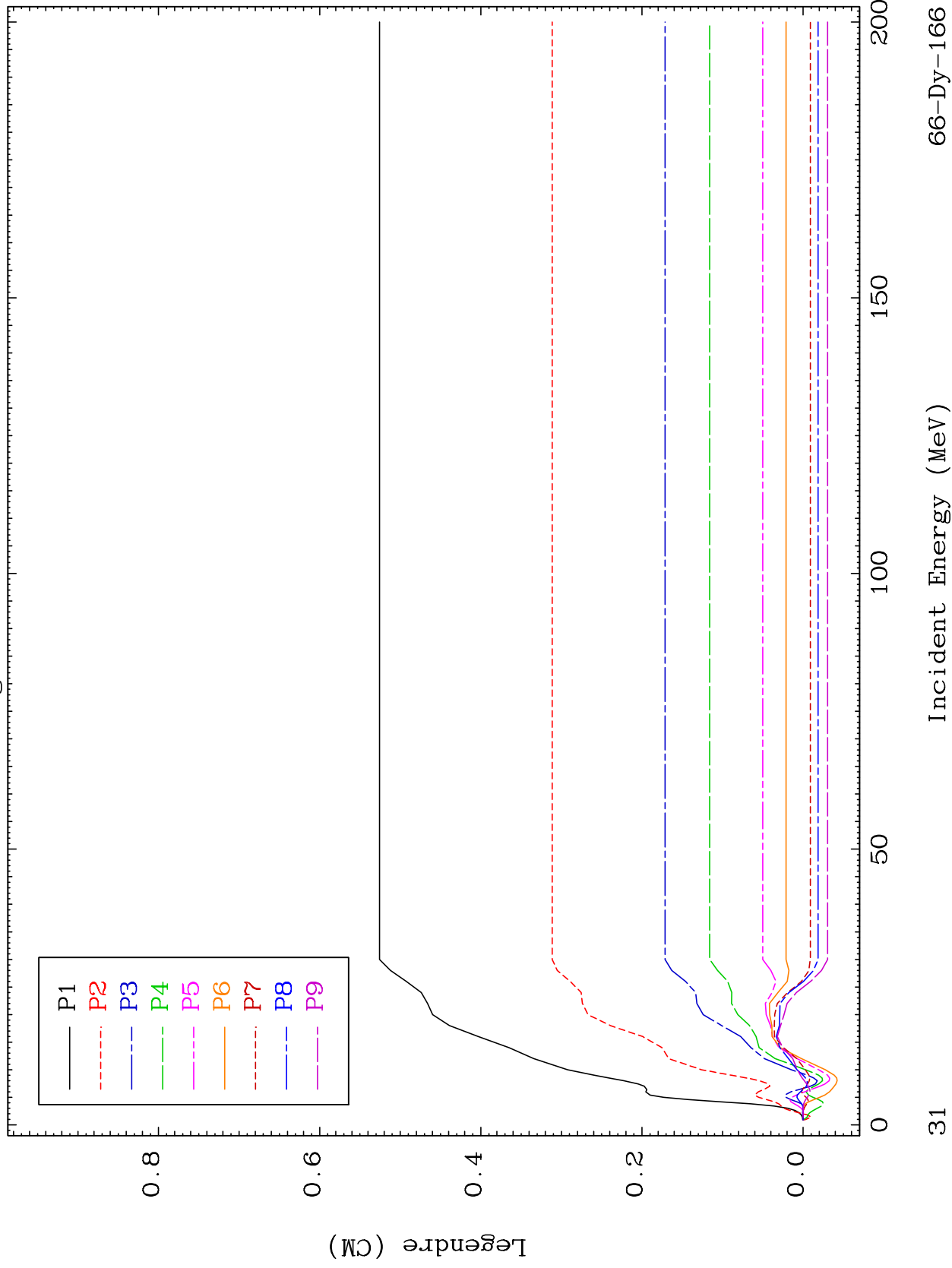
150

200

MAT 6655

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

66-Dy-166



31

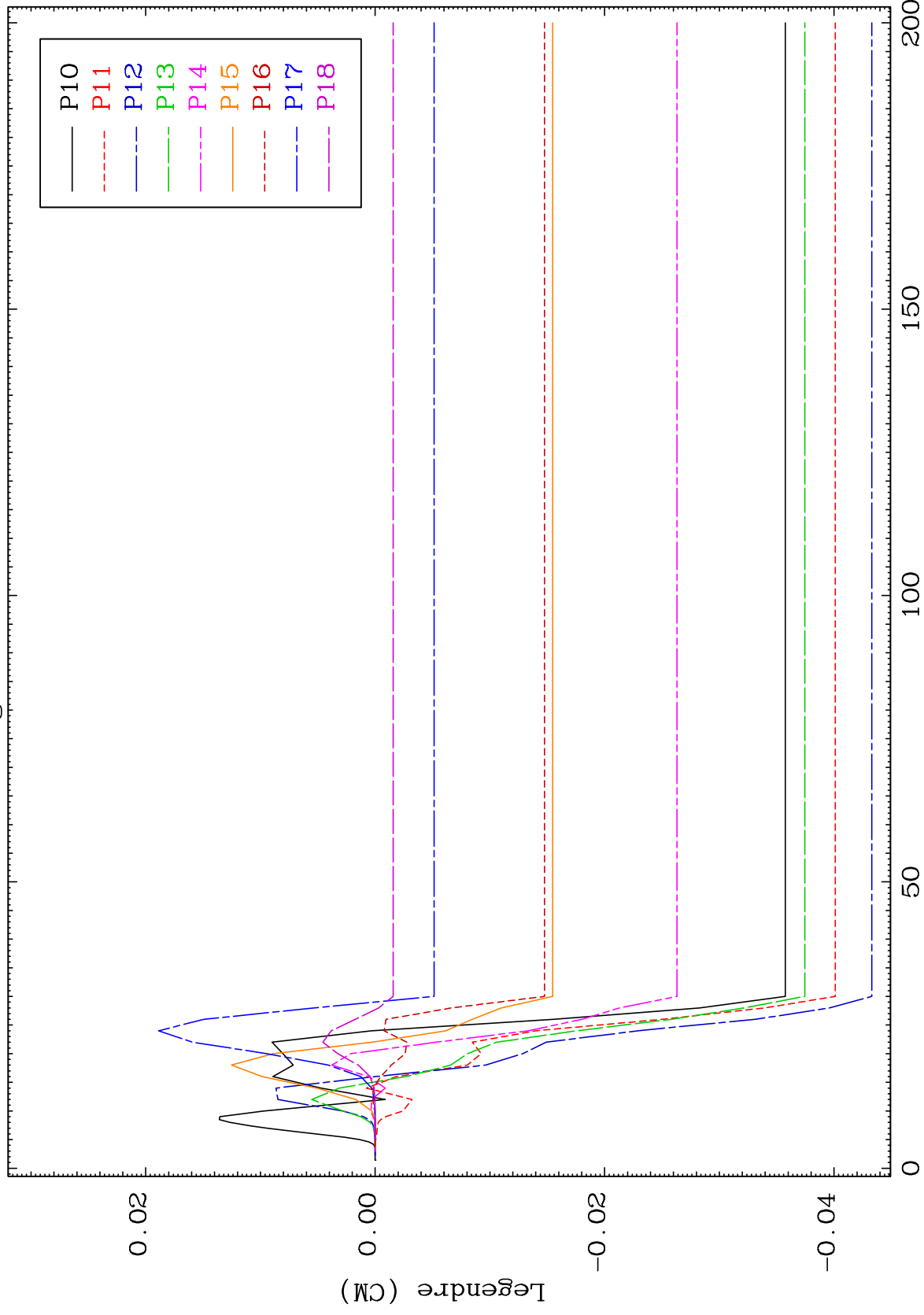
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



32

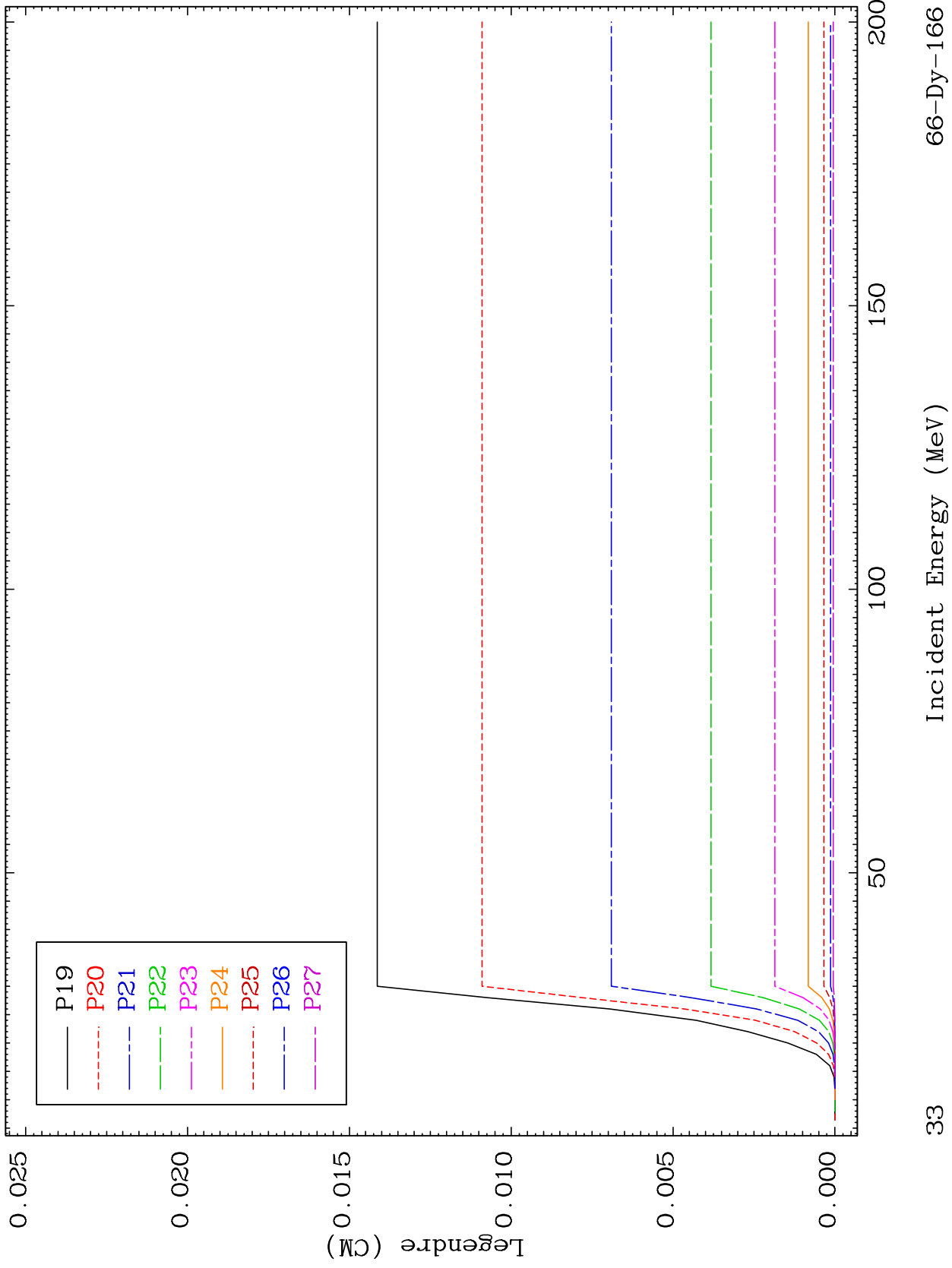
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



33

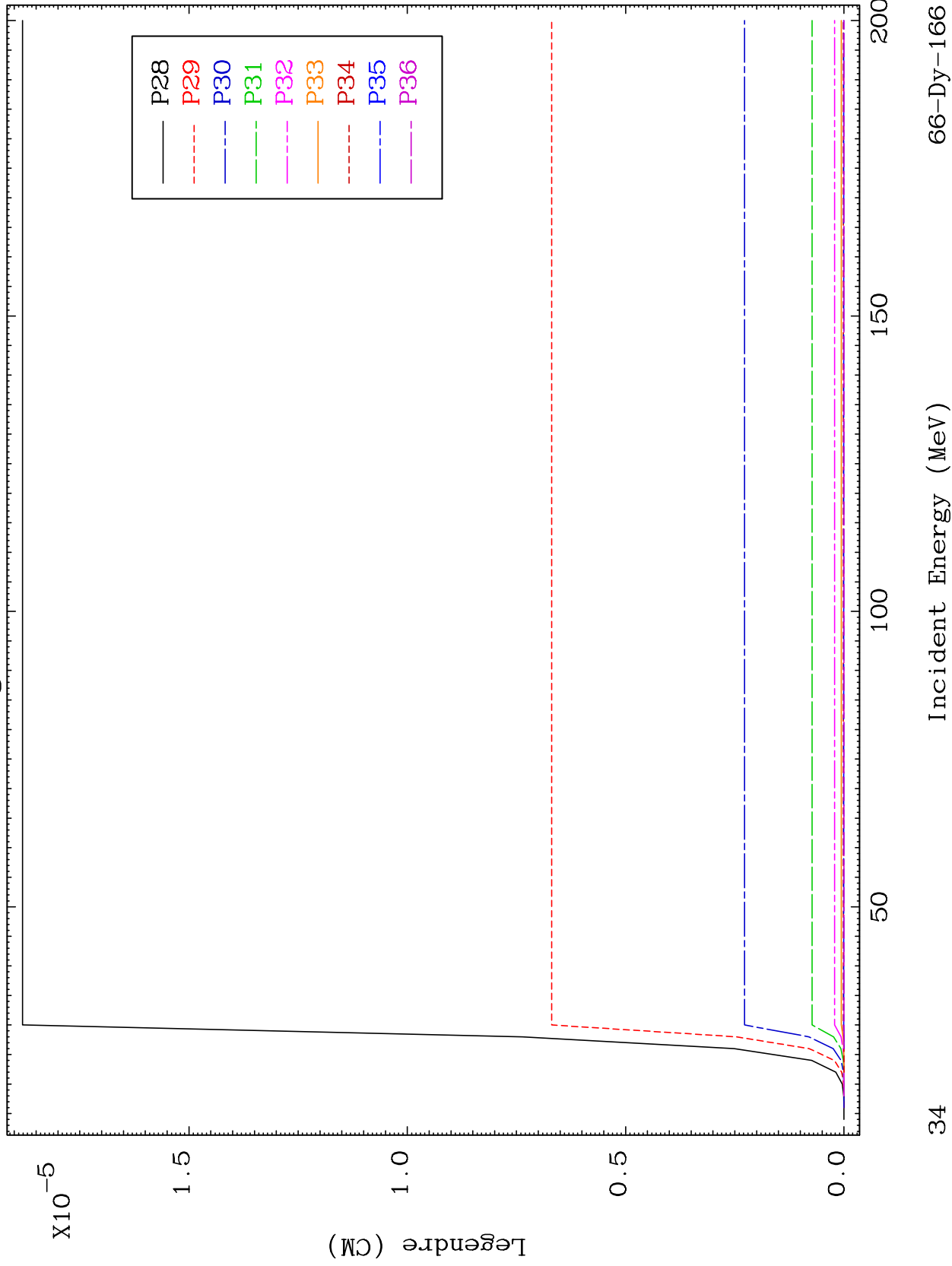
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



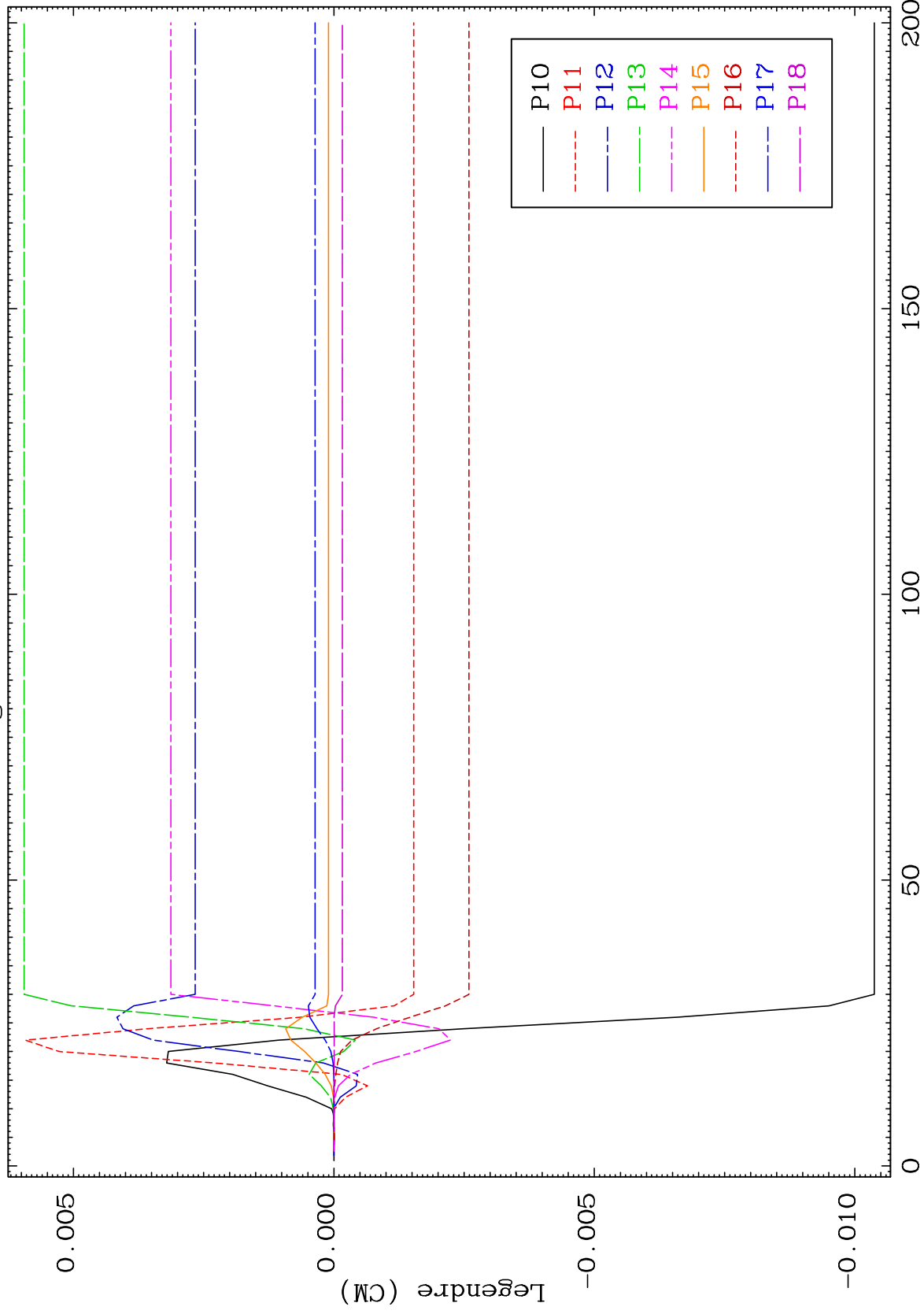
34

MAT 6655

MT= 55 (n,n') Level

66-Dy-166

Legendre Coefficients



36

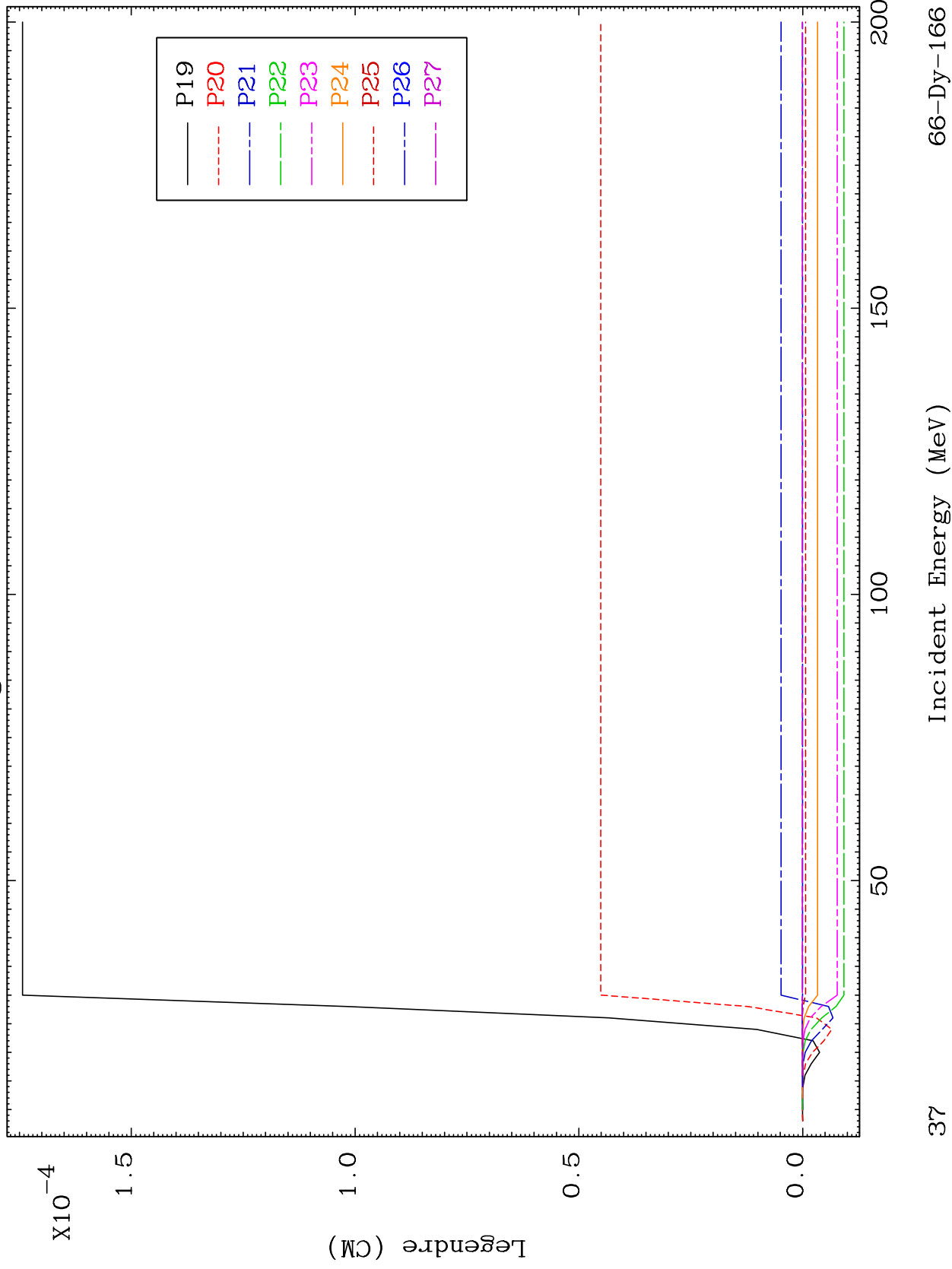
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



37

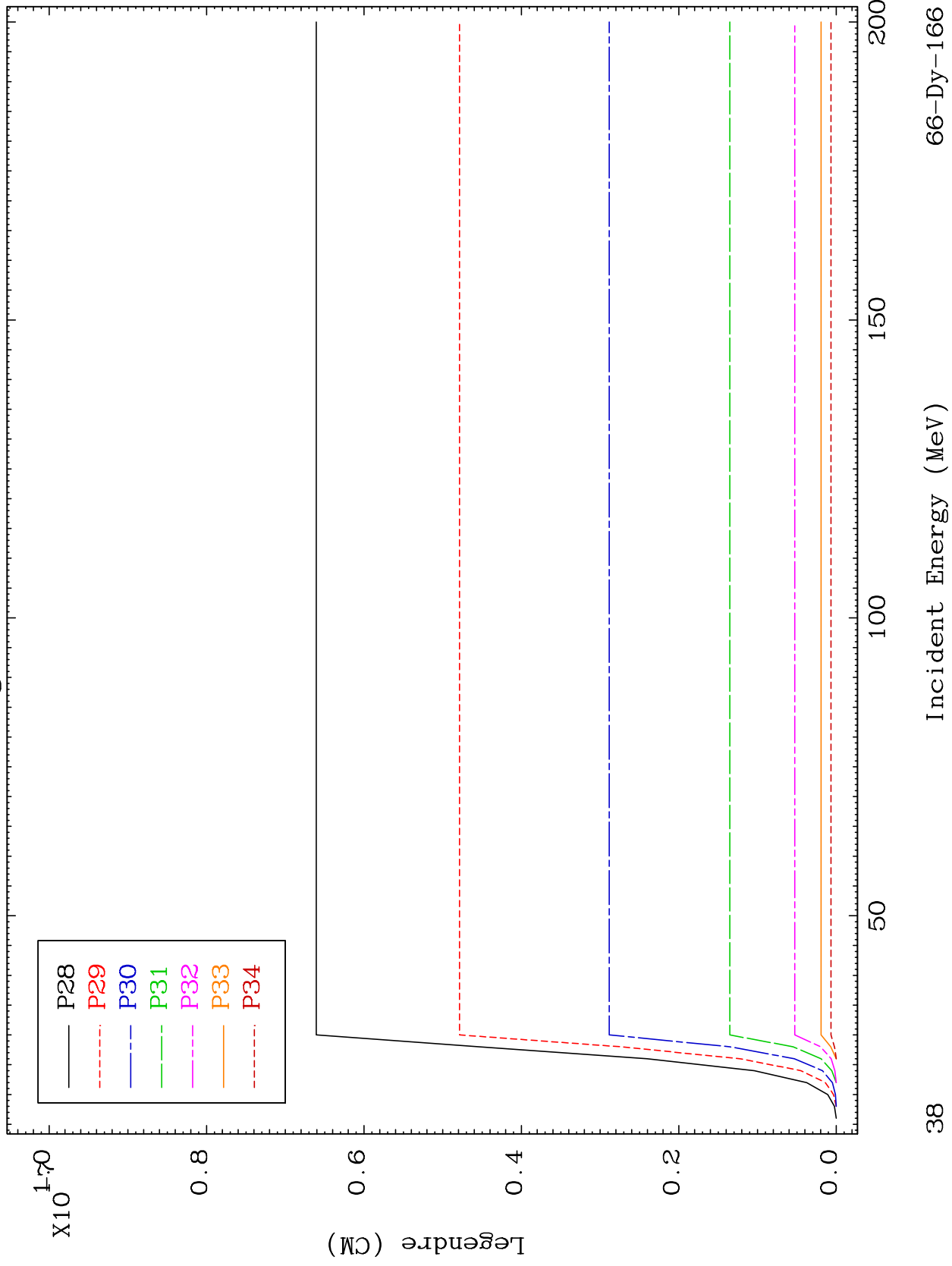
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

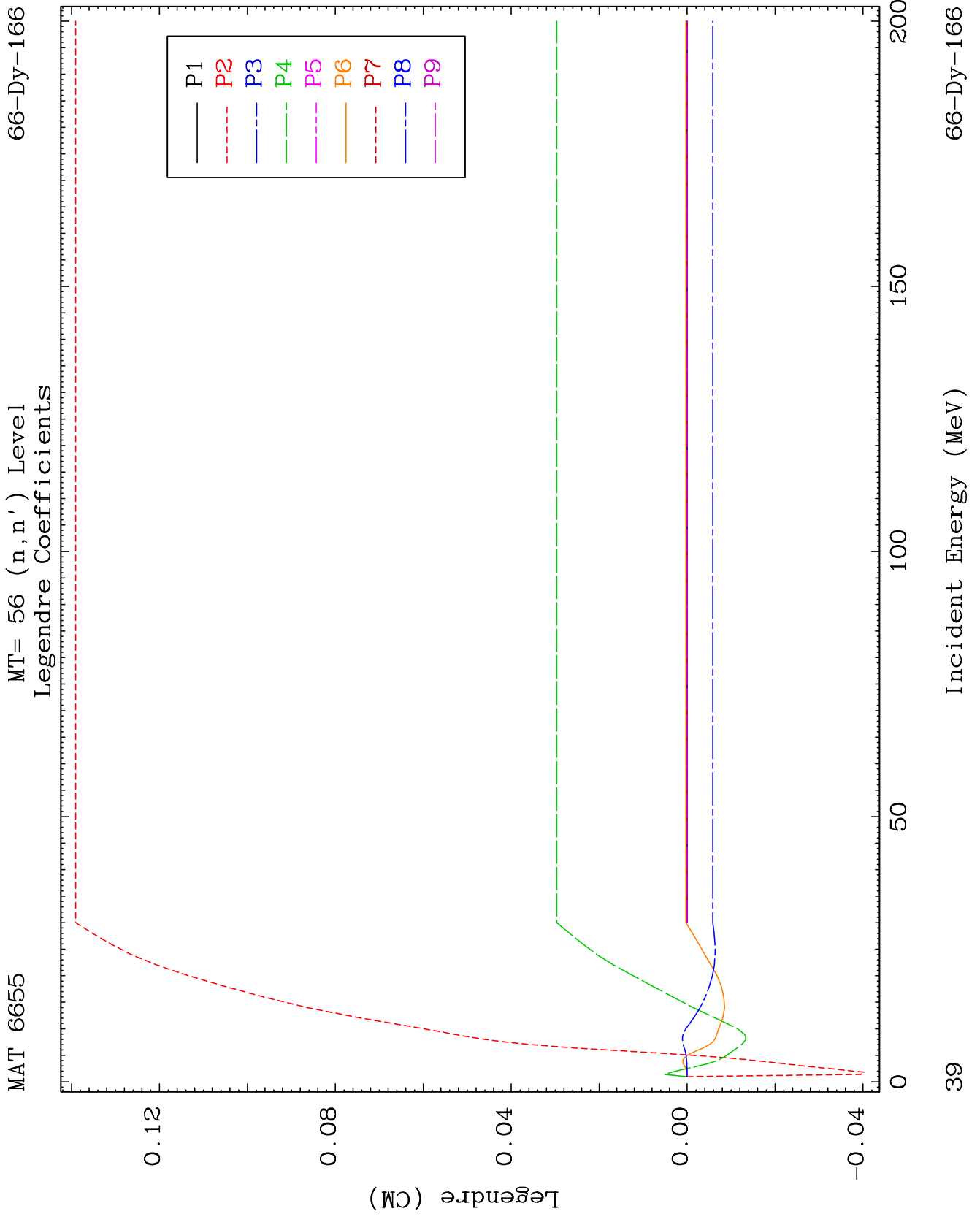
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38

Incident Energy (MeV)

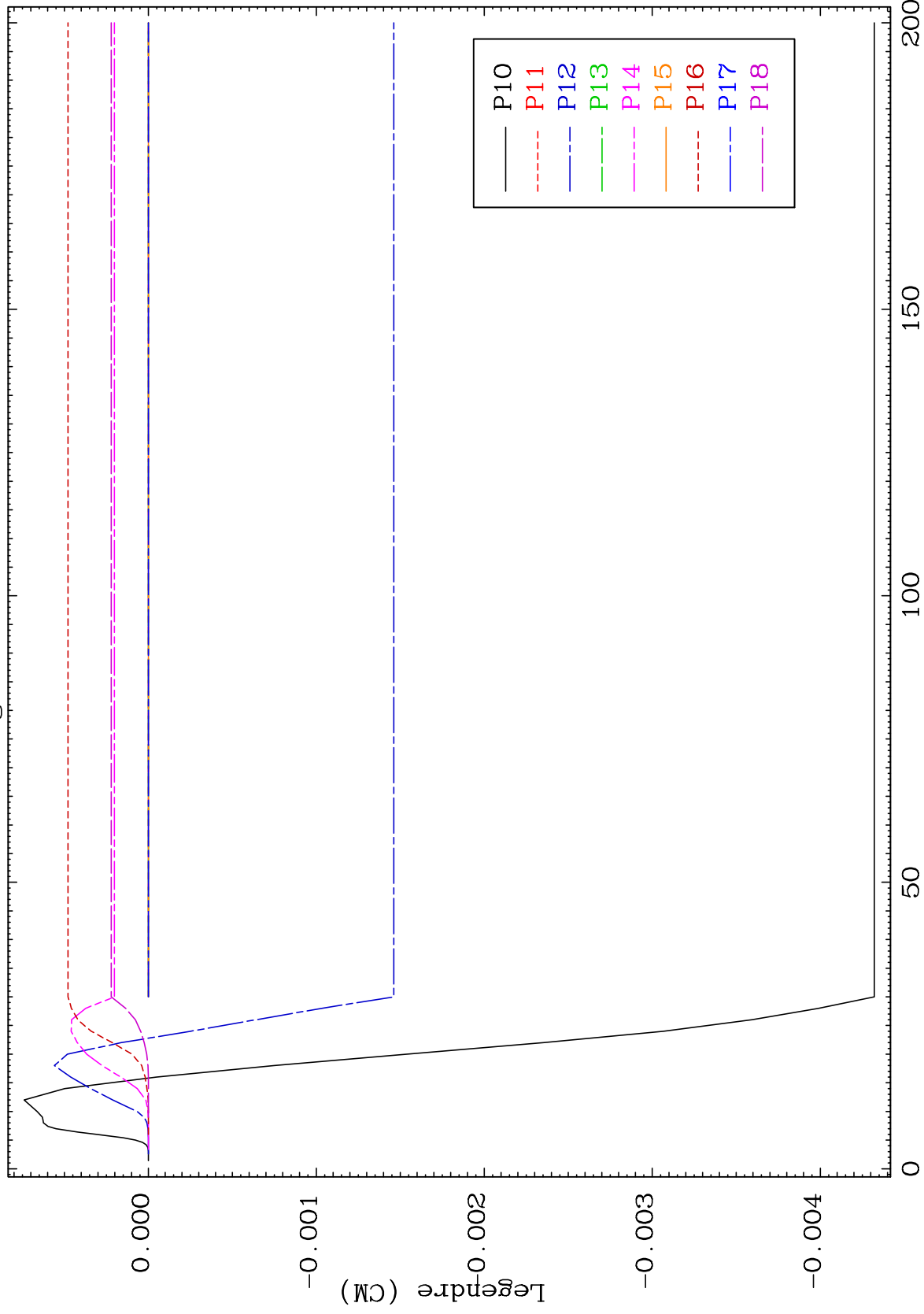
66-Dy-166



MAT 6655

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

66-Dy-166



40

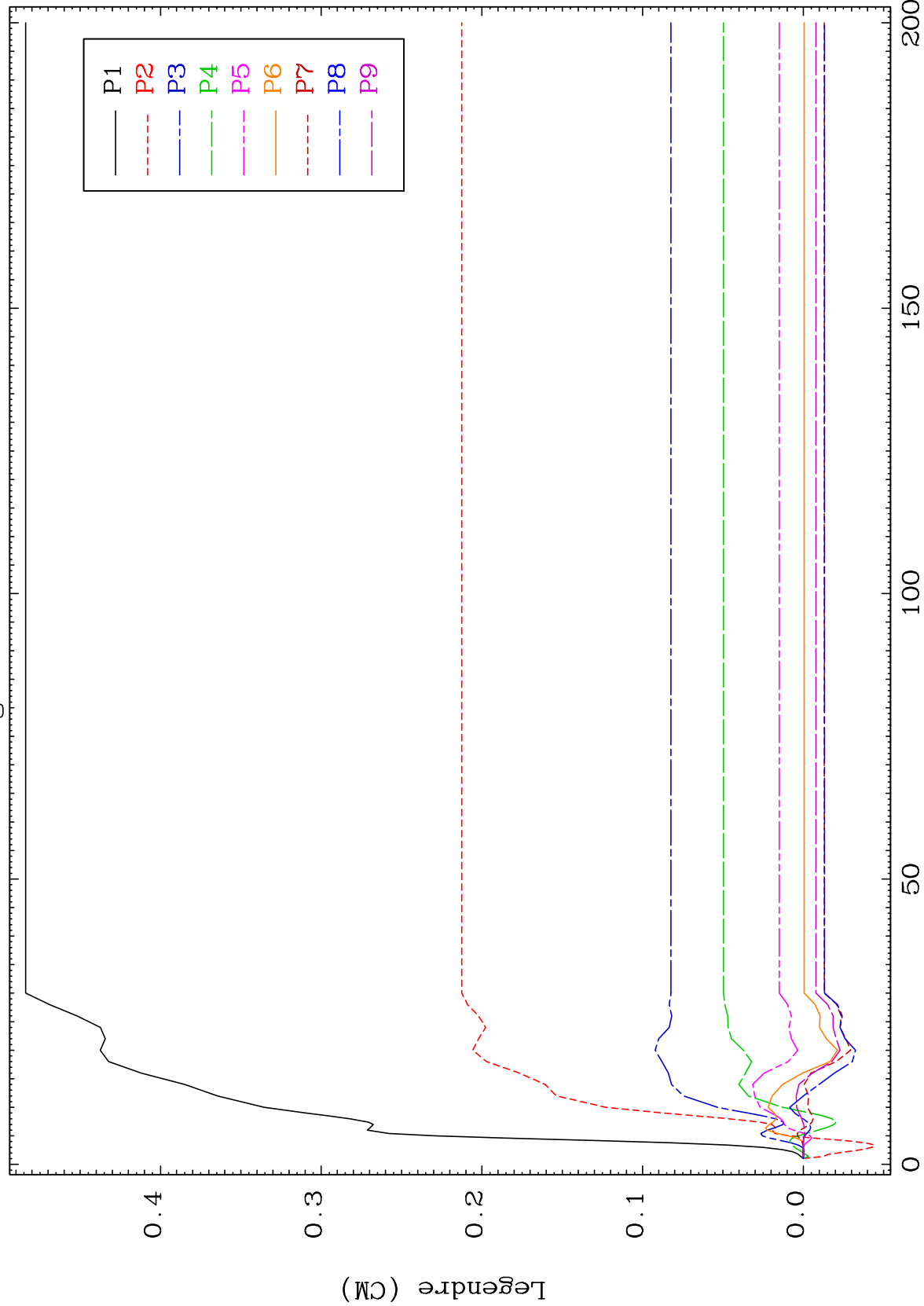
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



66-Dy-166

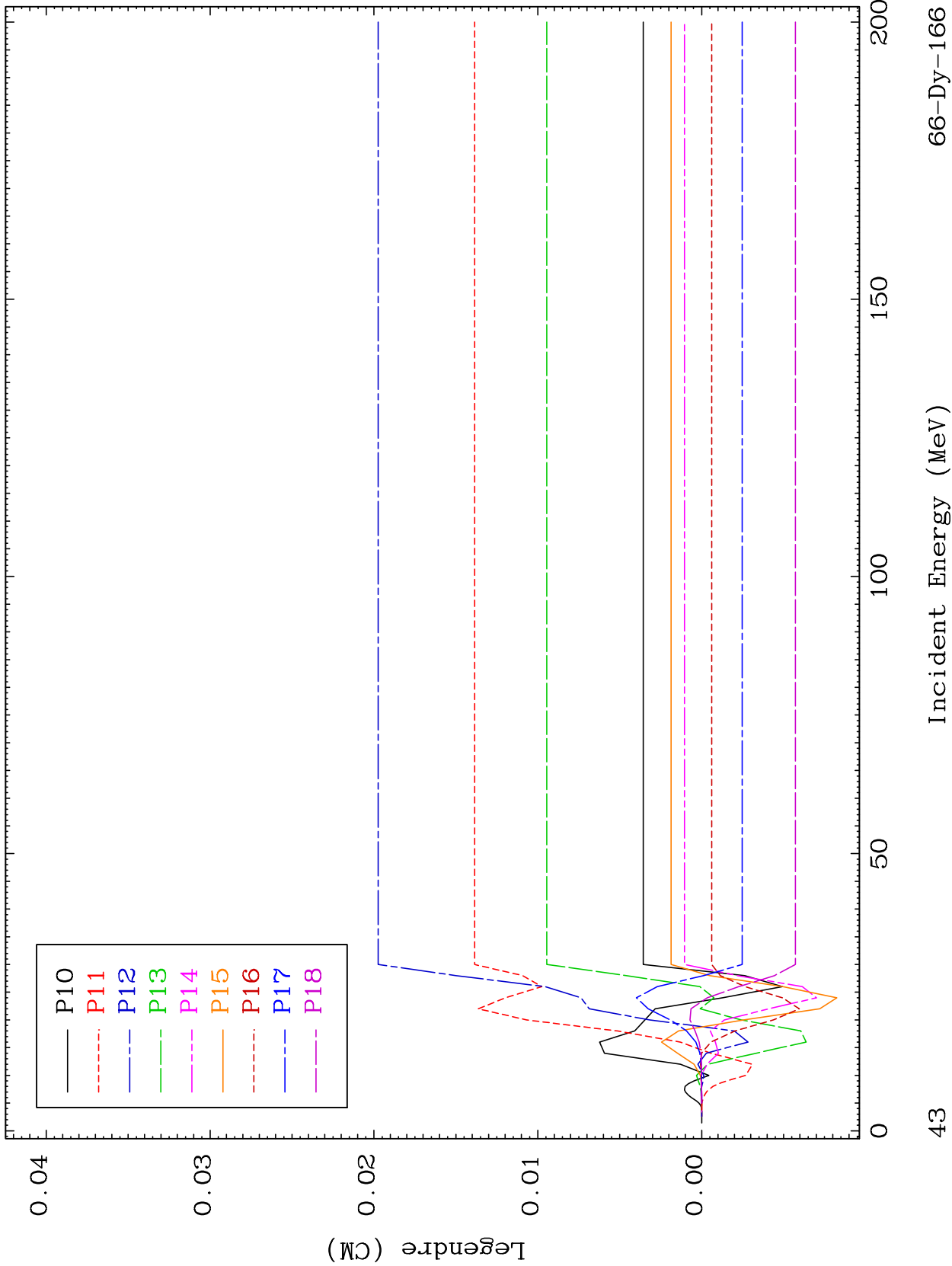
Incident Energy (MeV)

42

MAT 6655

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

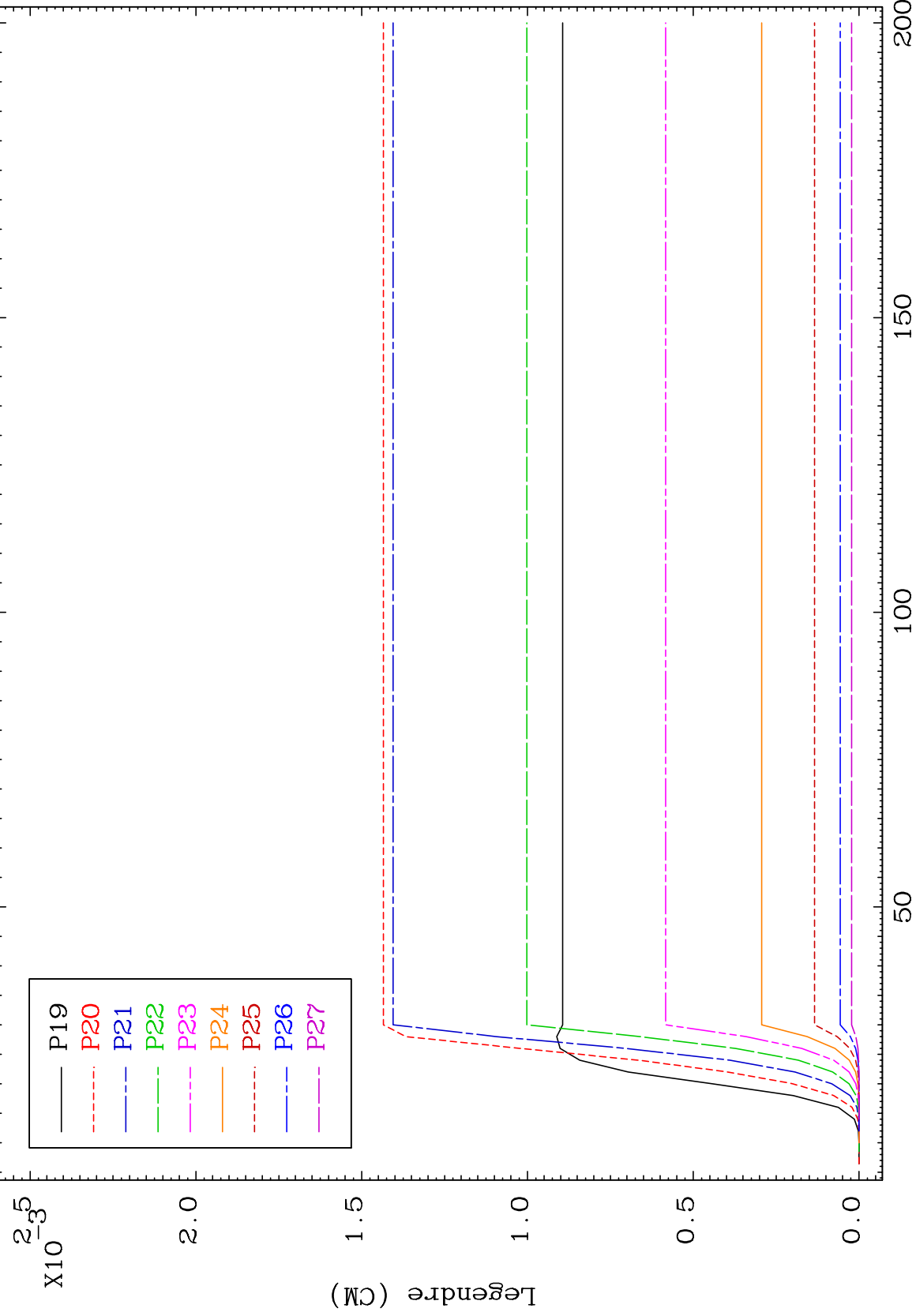
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MAT 6655

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

66-Dy-166



44

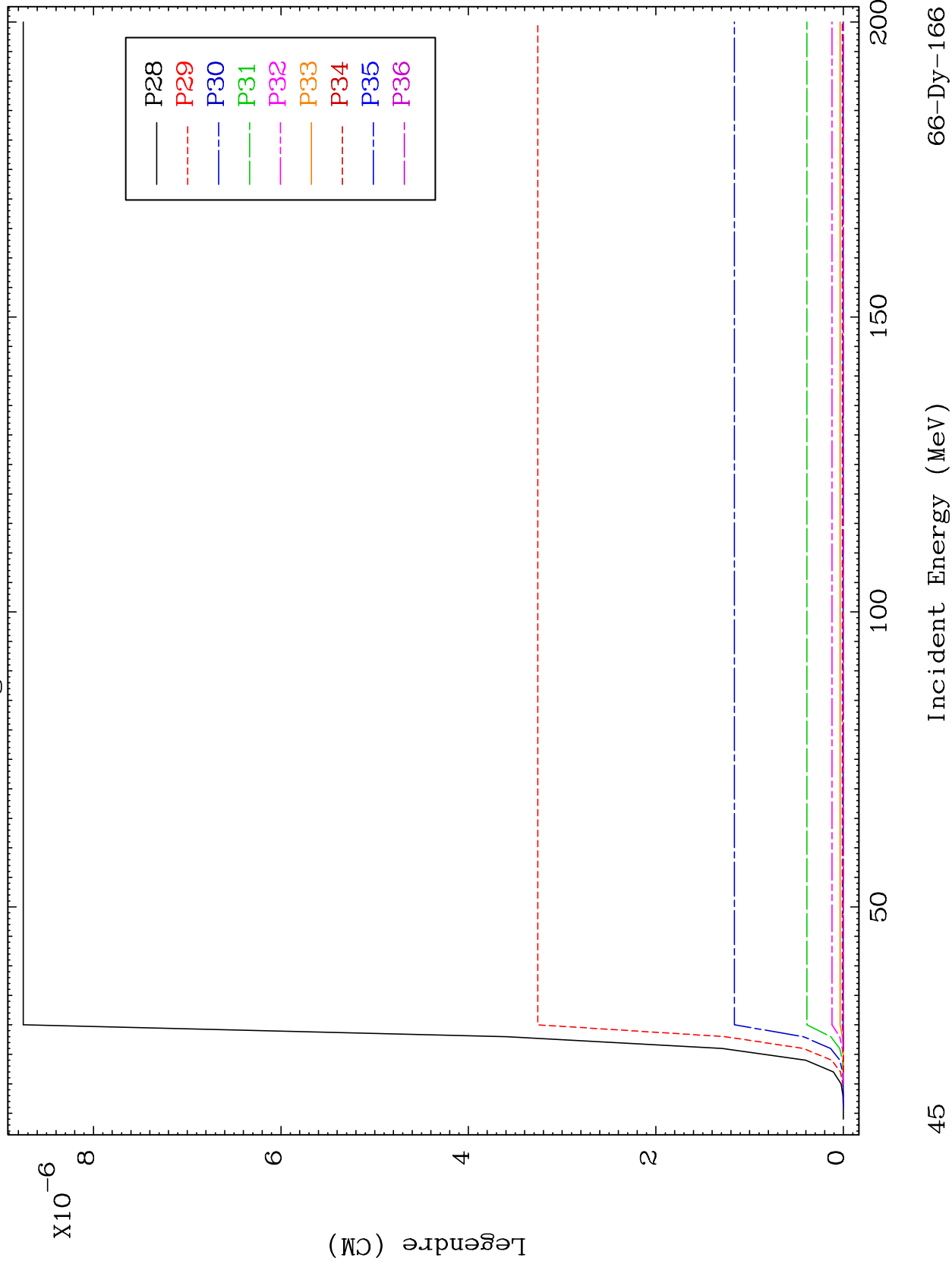
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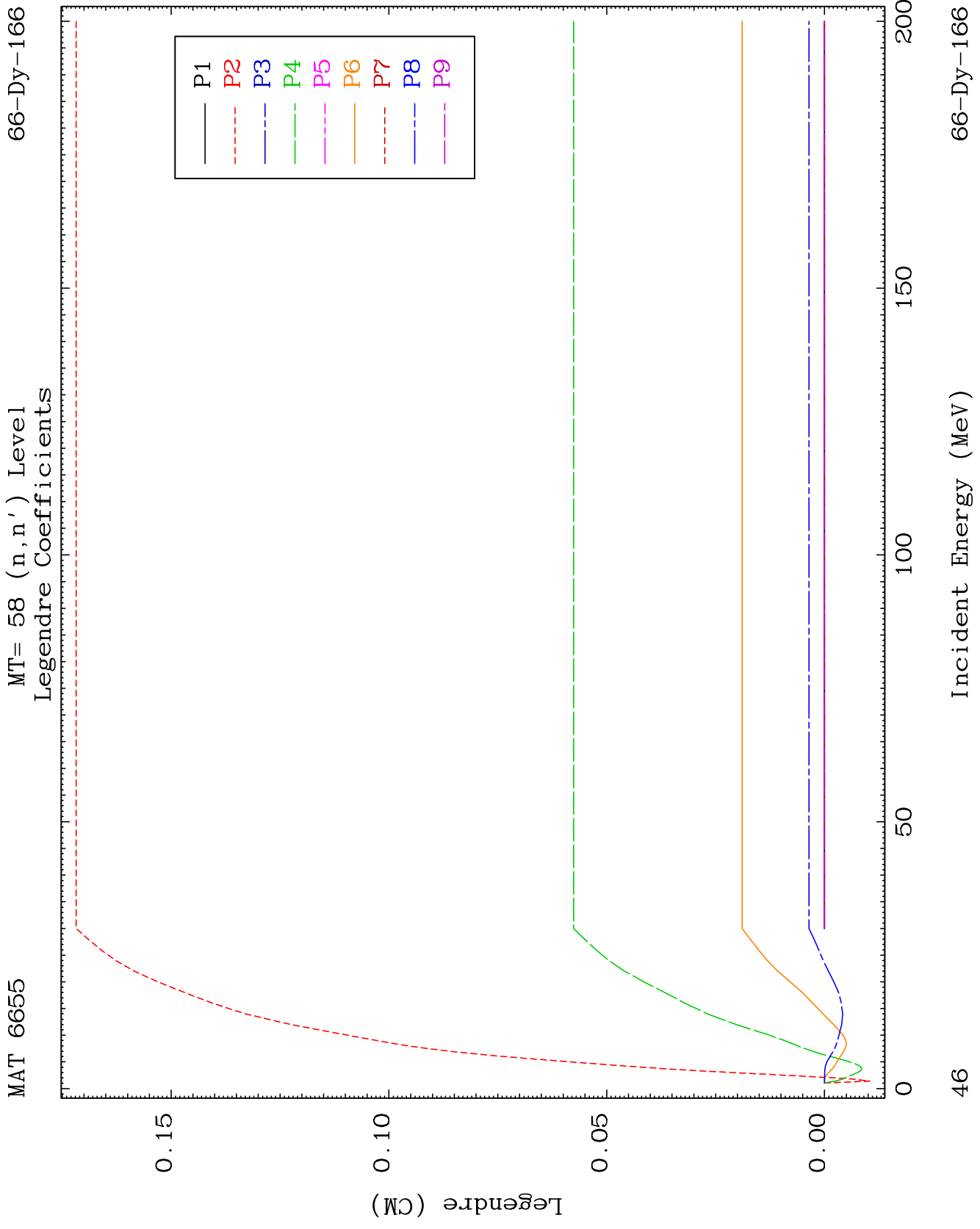
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MAT 6655

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

66-Dy-166

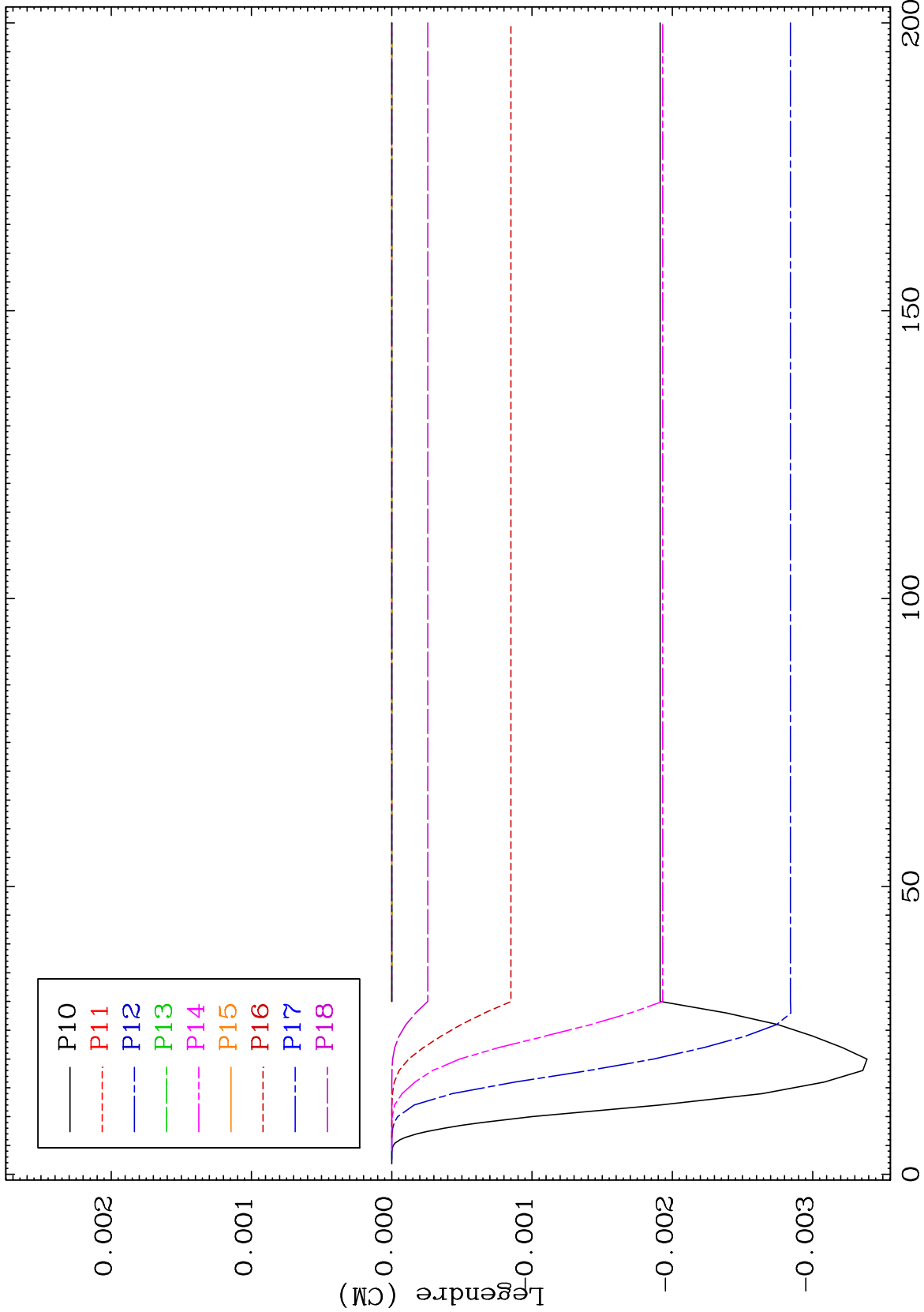




MAT 6655

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

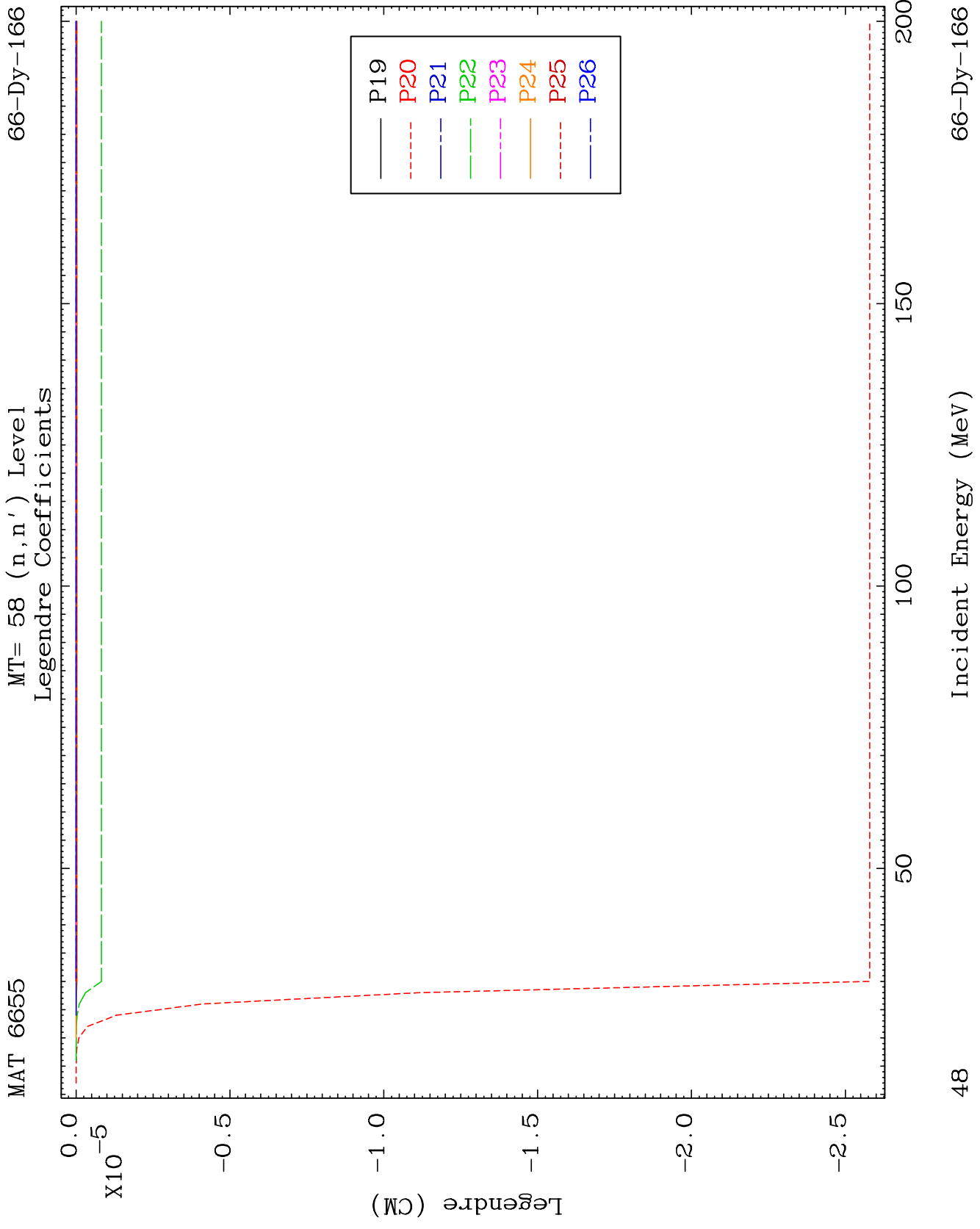
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47

Incident Energy (MeV)

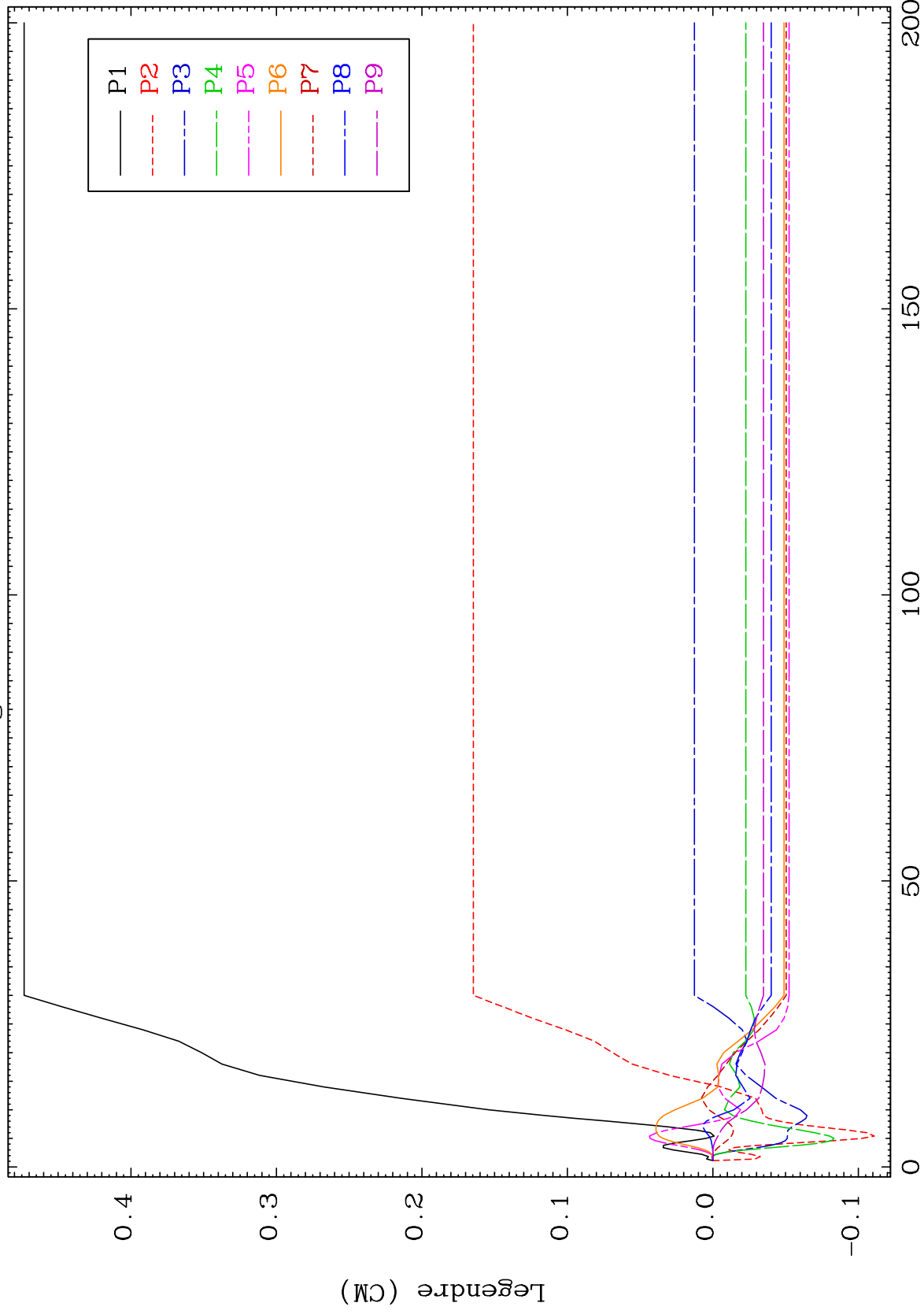
66-Dy-166



MAT 6655

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

66-Dy-166



49

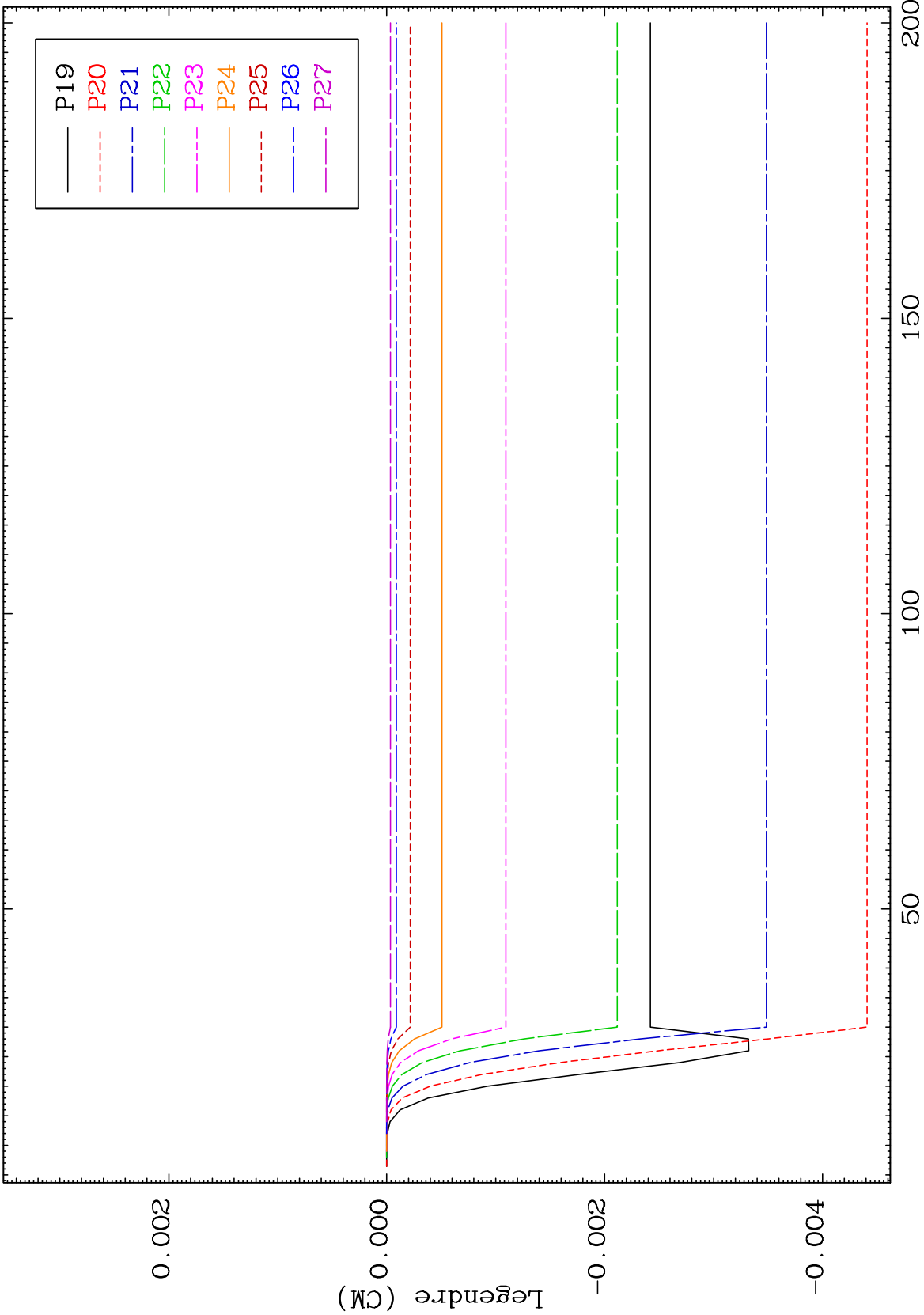
Incident Energy (MeV)

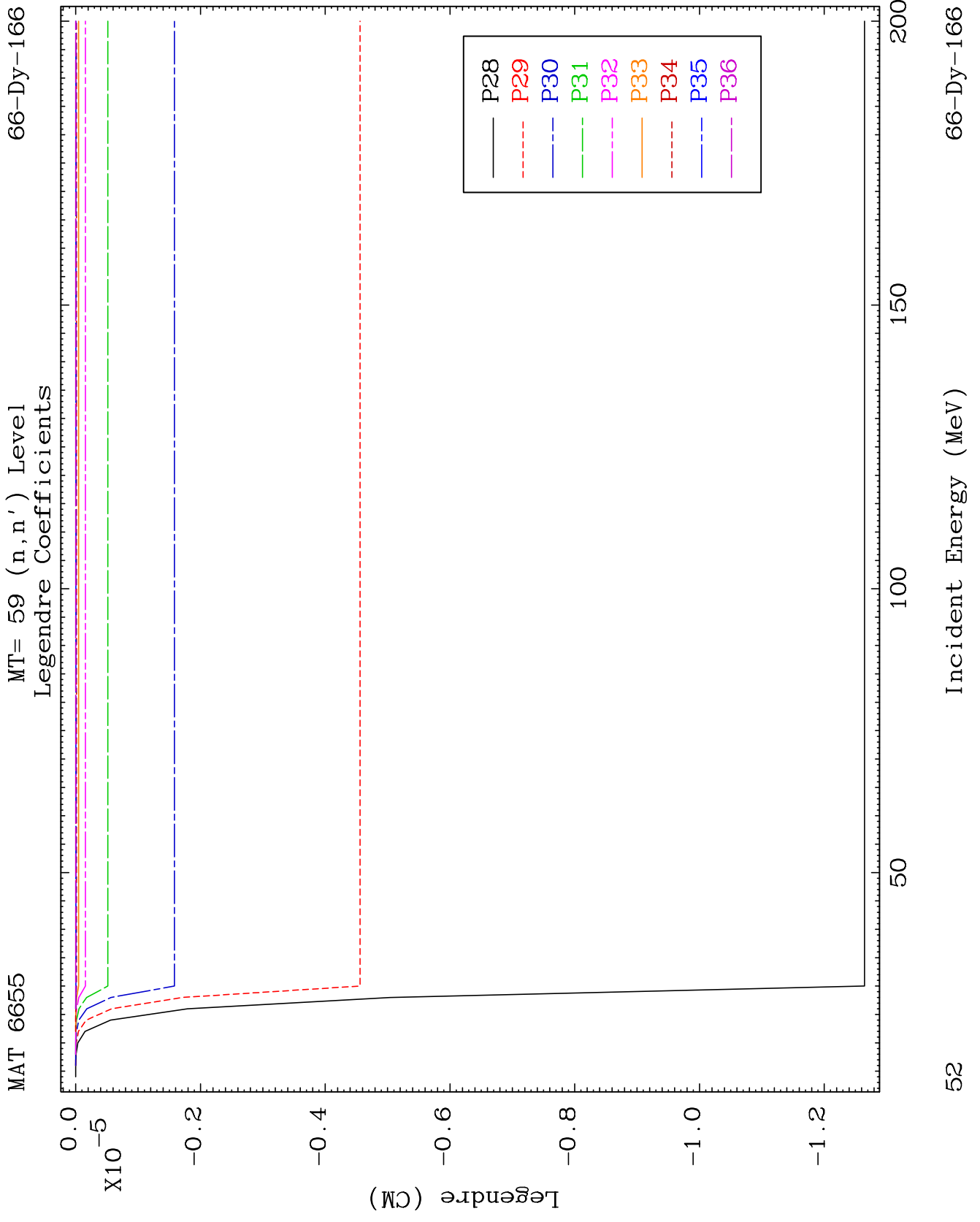
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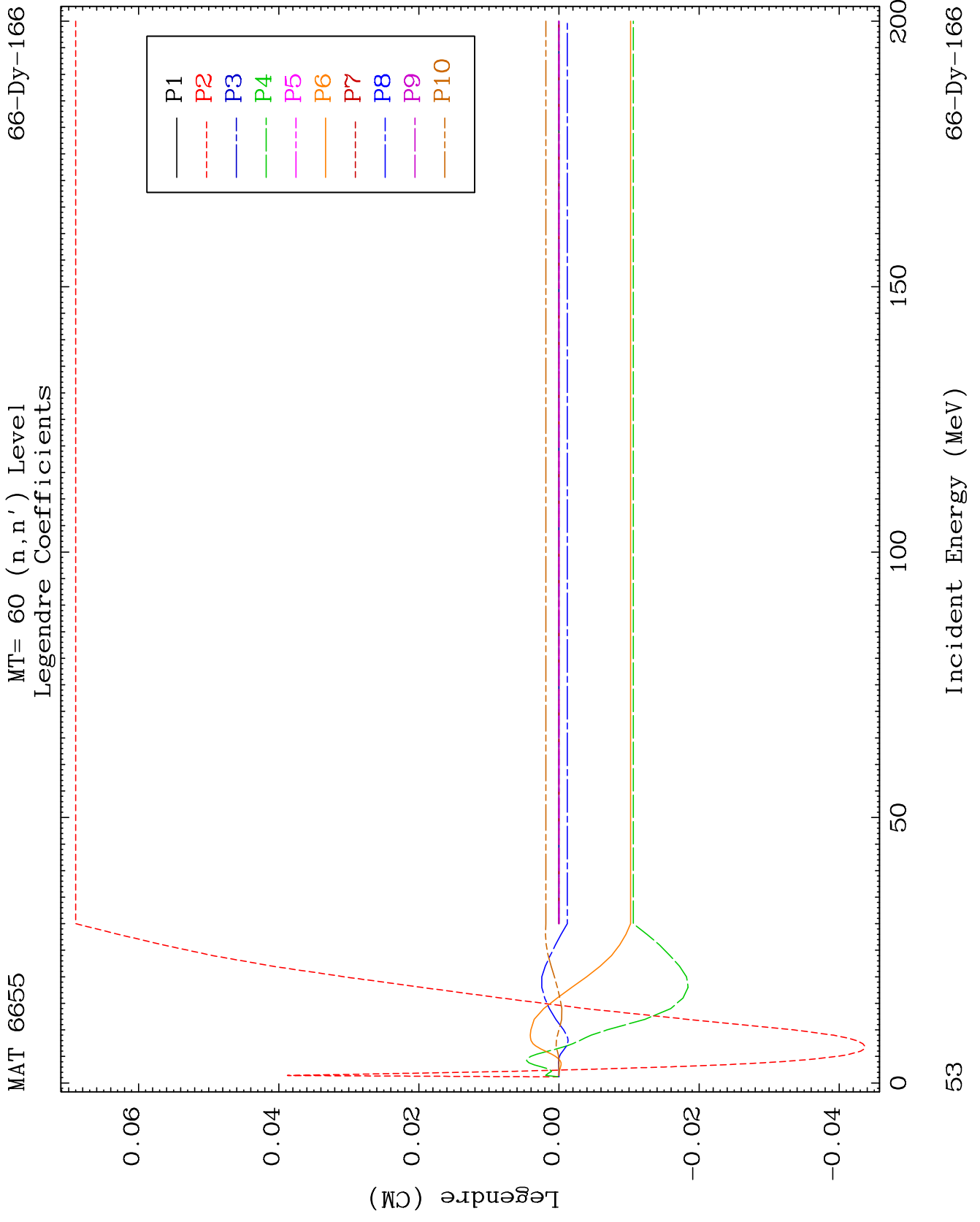
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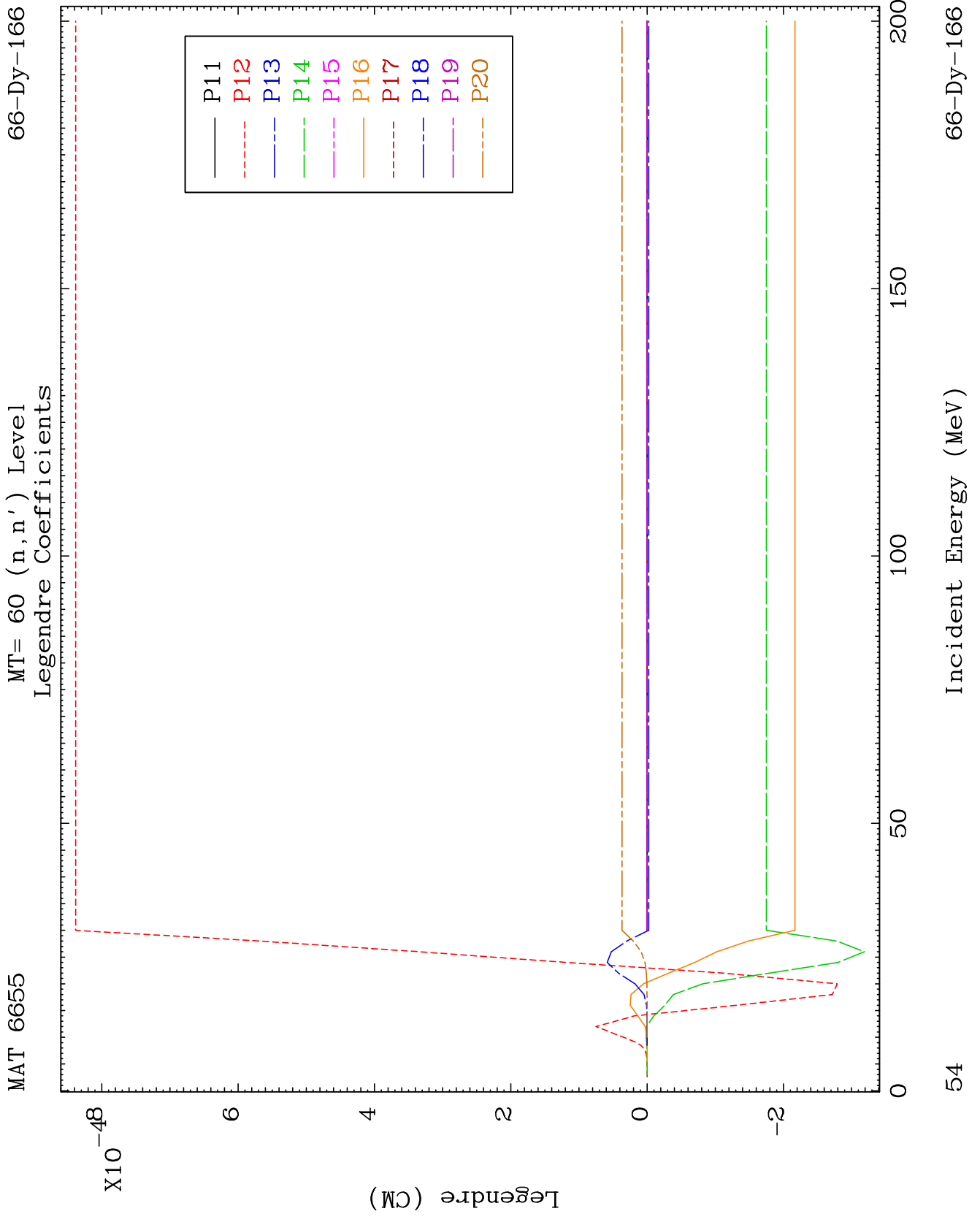
MT= 59 (n,n') Level
Legendre Coefficients

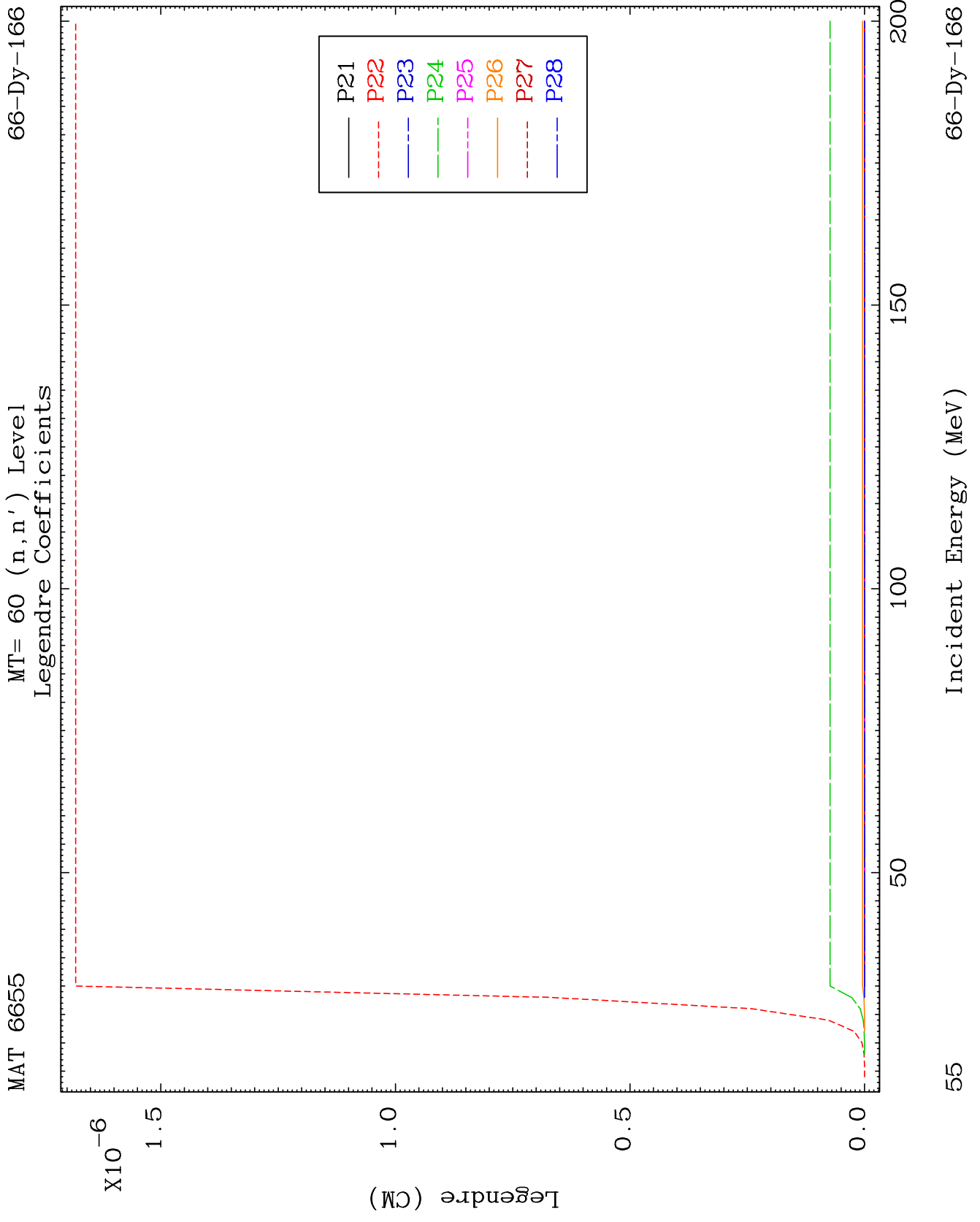
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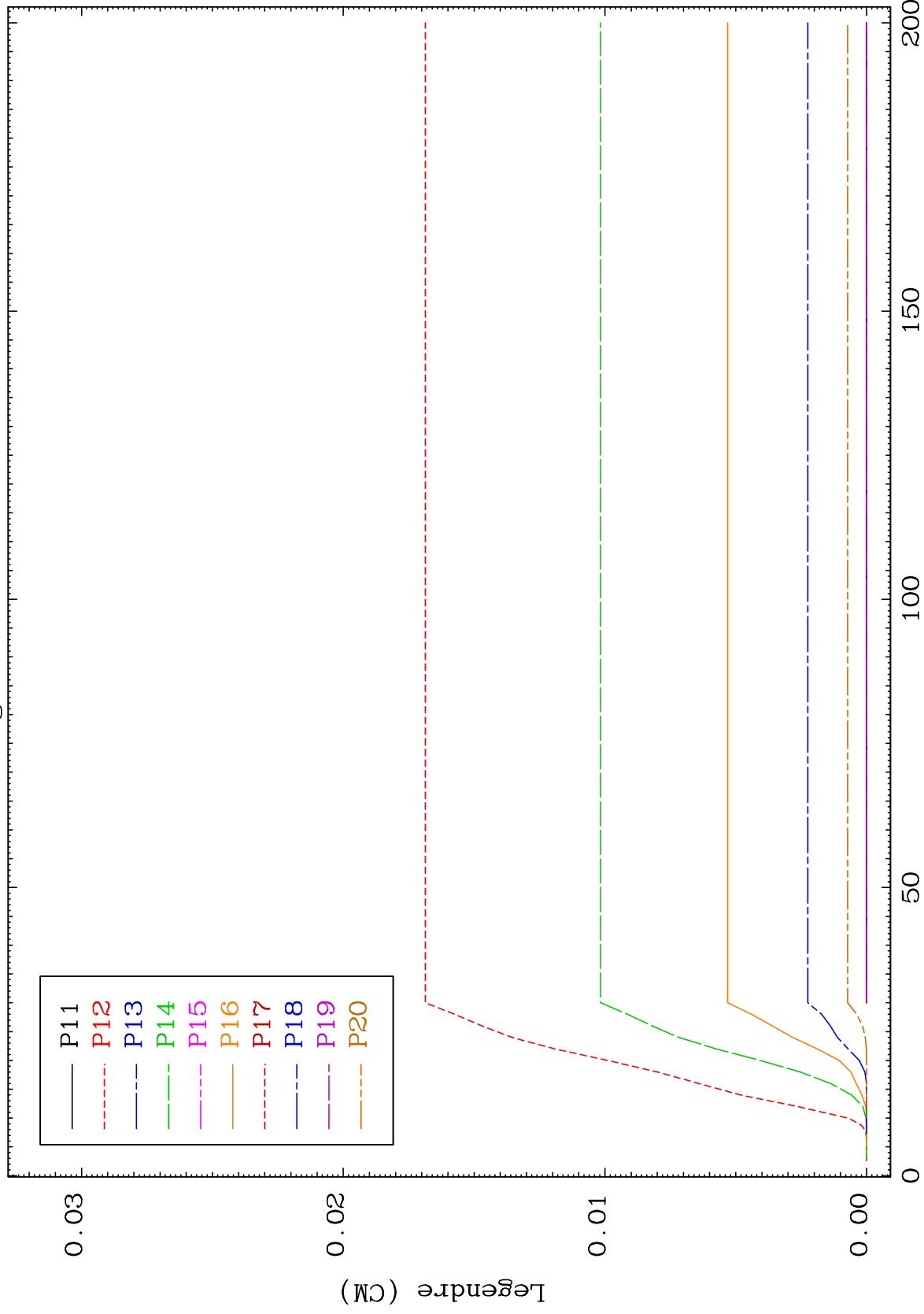




MAT 6655

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

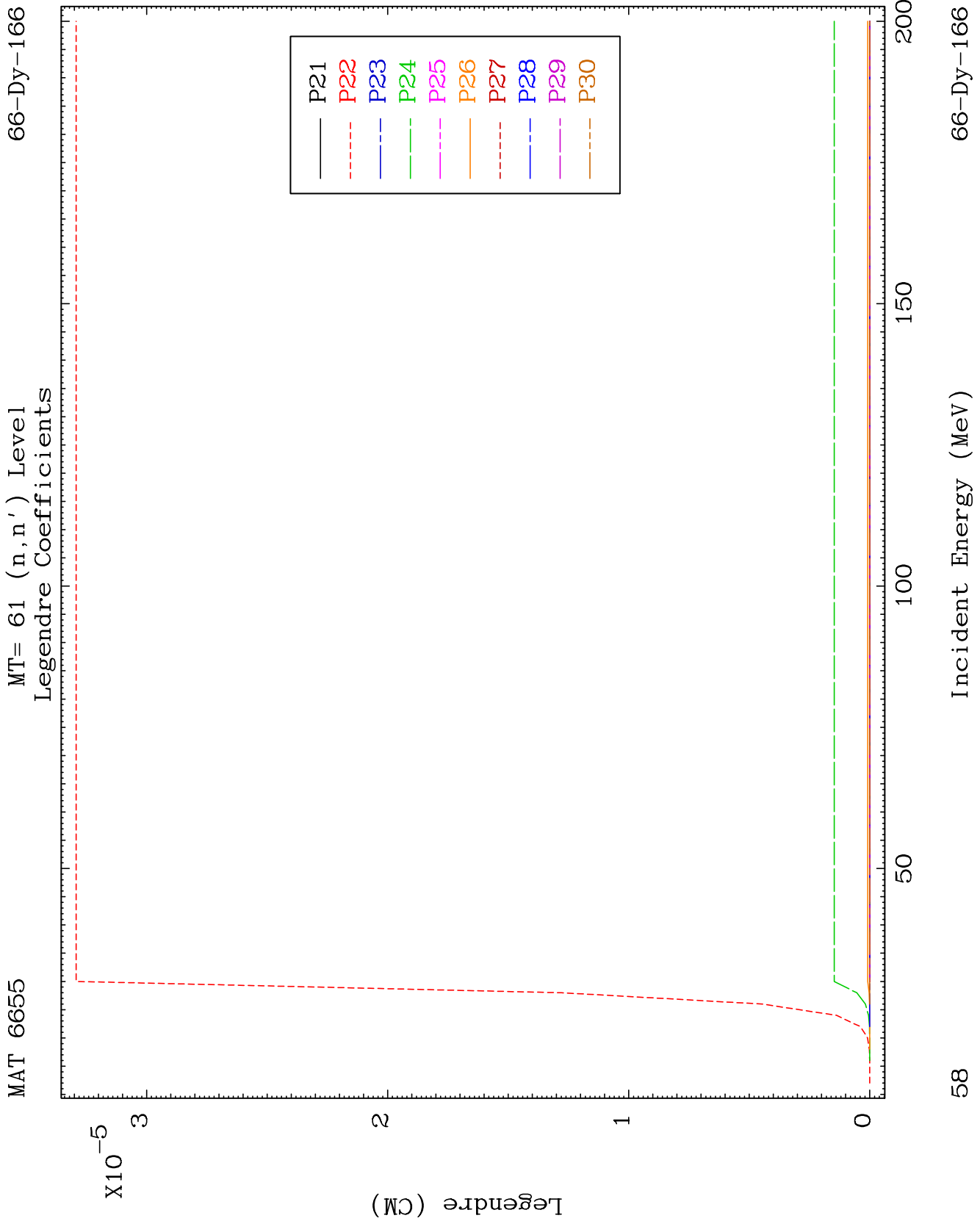
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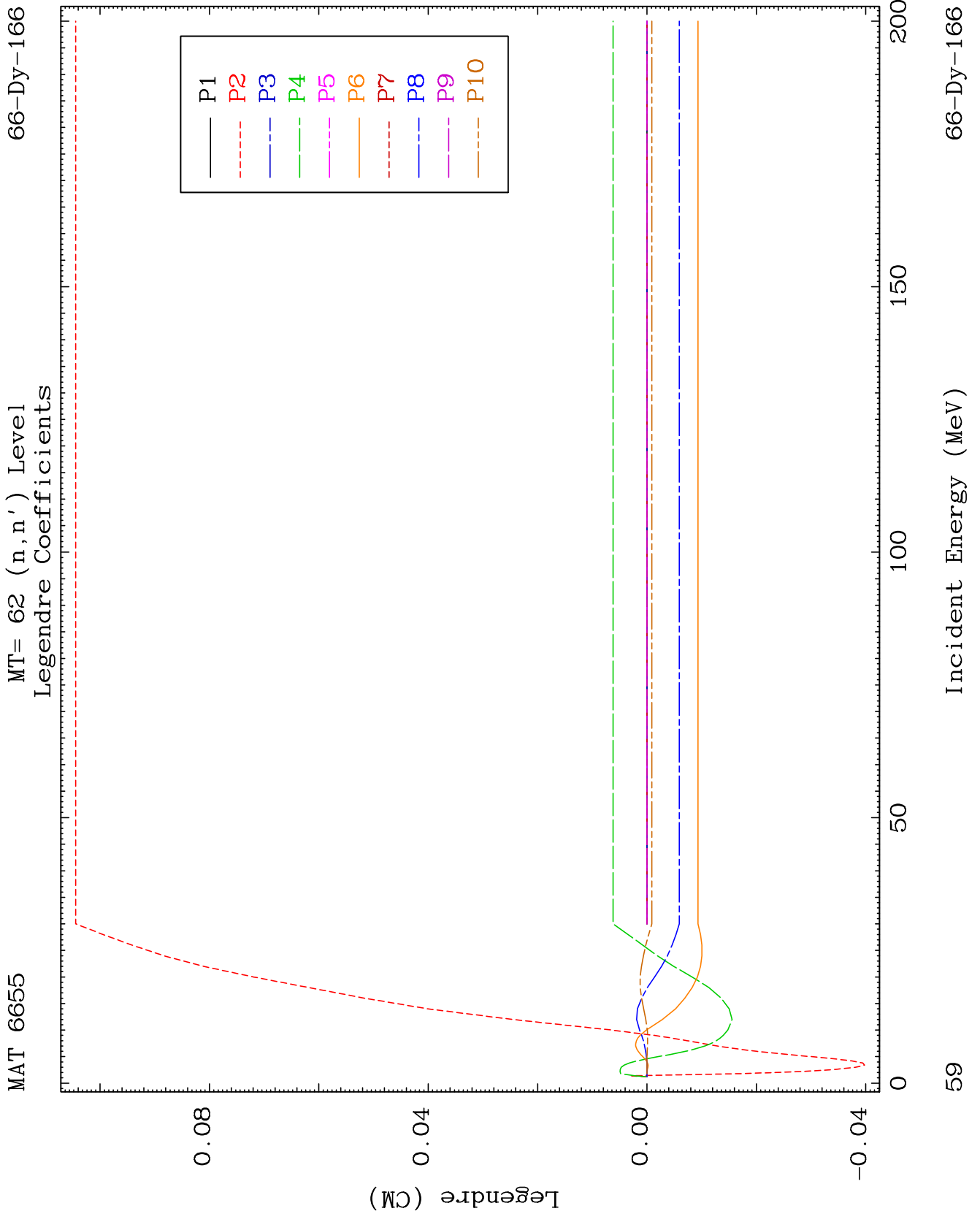


57

Incident Energy (MeV)

66-Dy-166

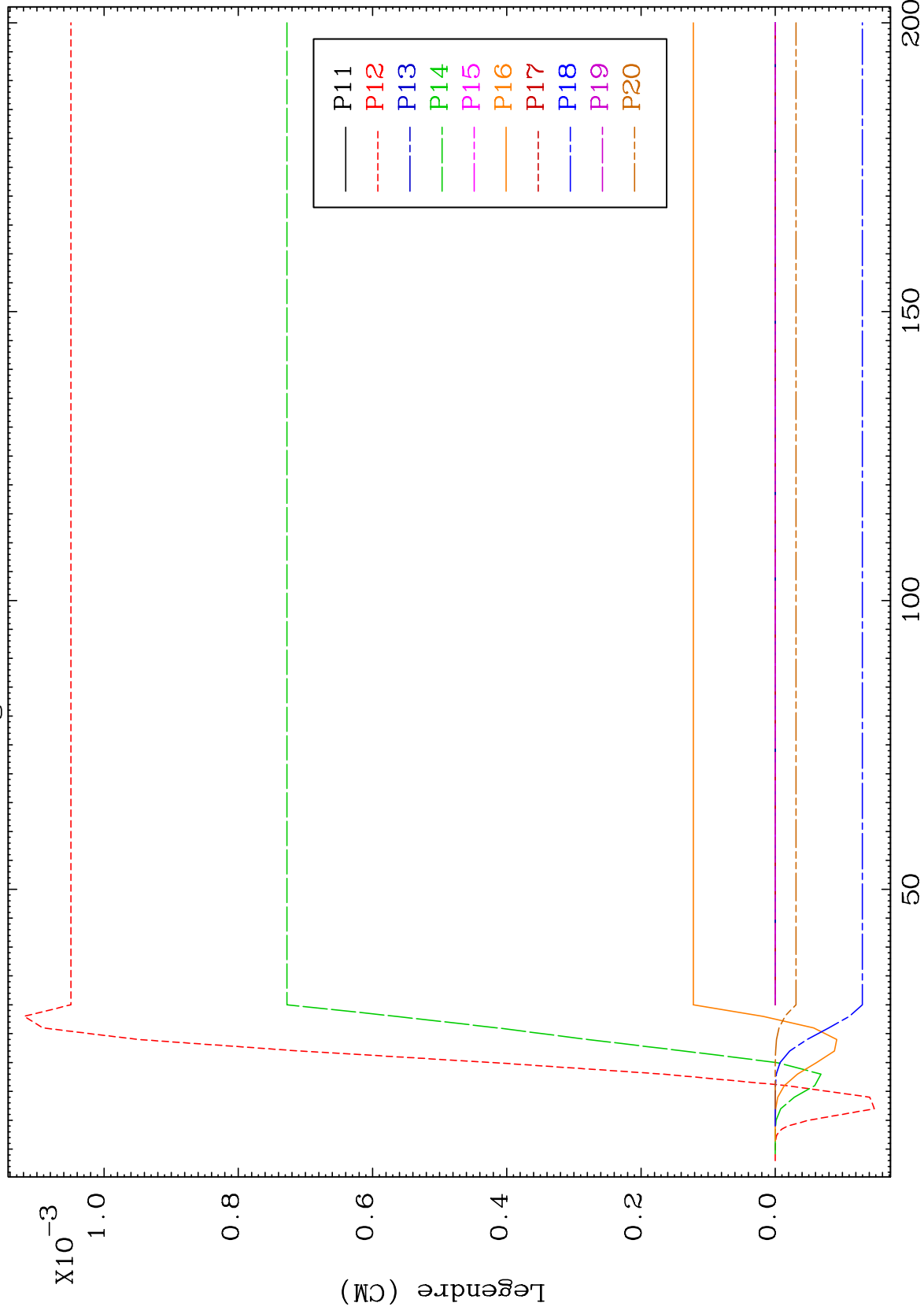




MAT 6655

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

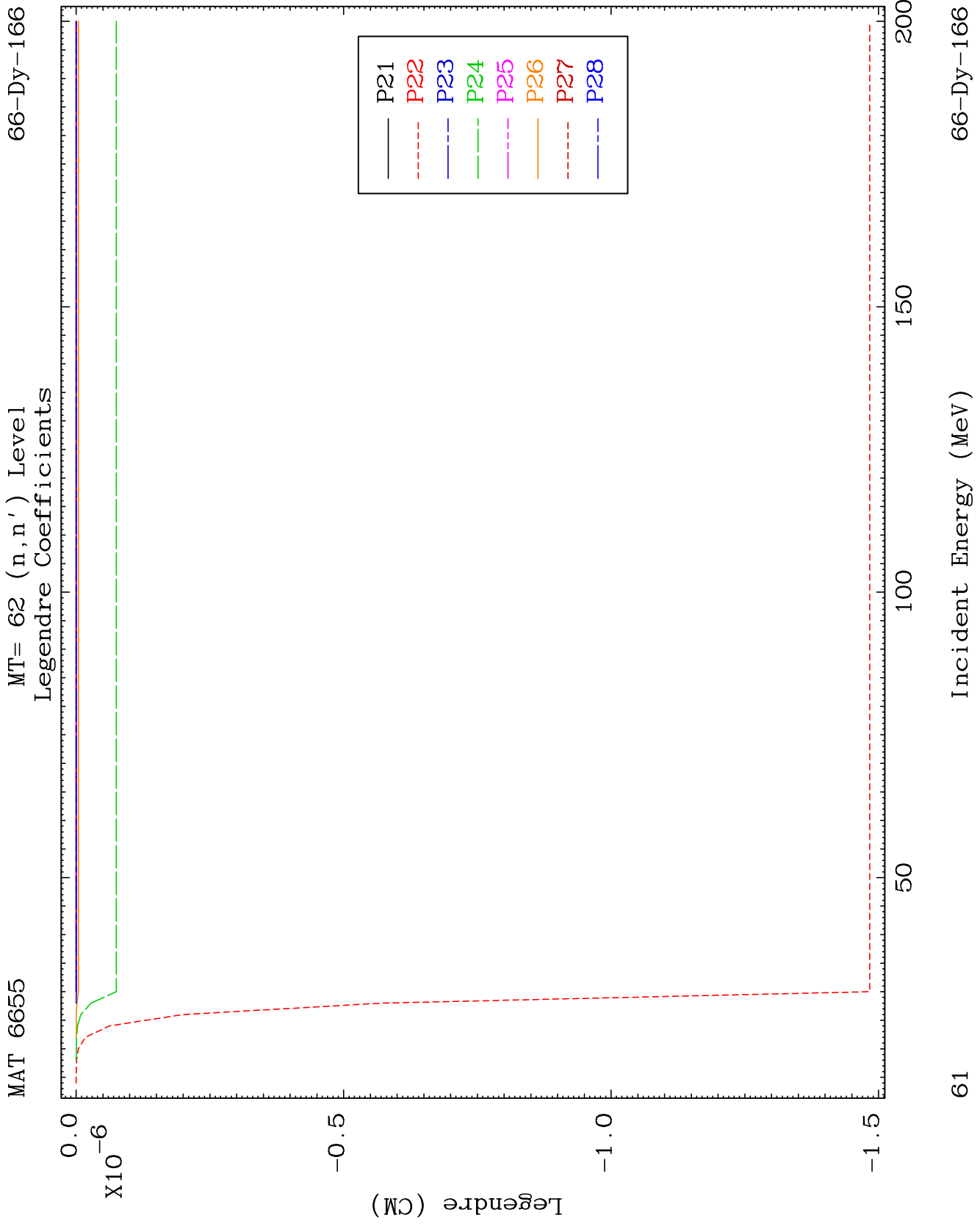
66-Dy-166



60

Incident Energy (MeV)

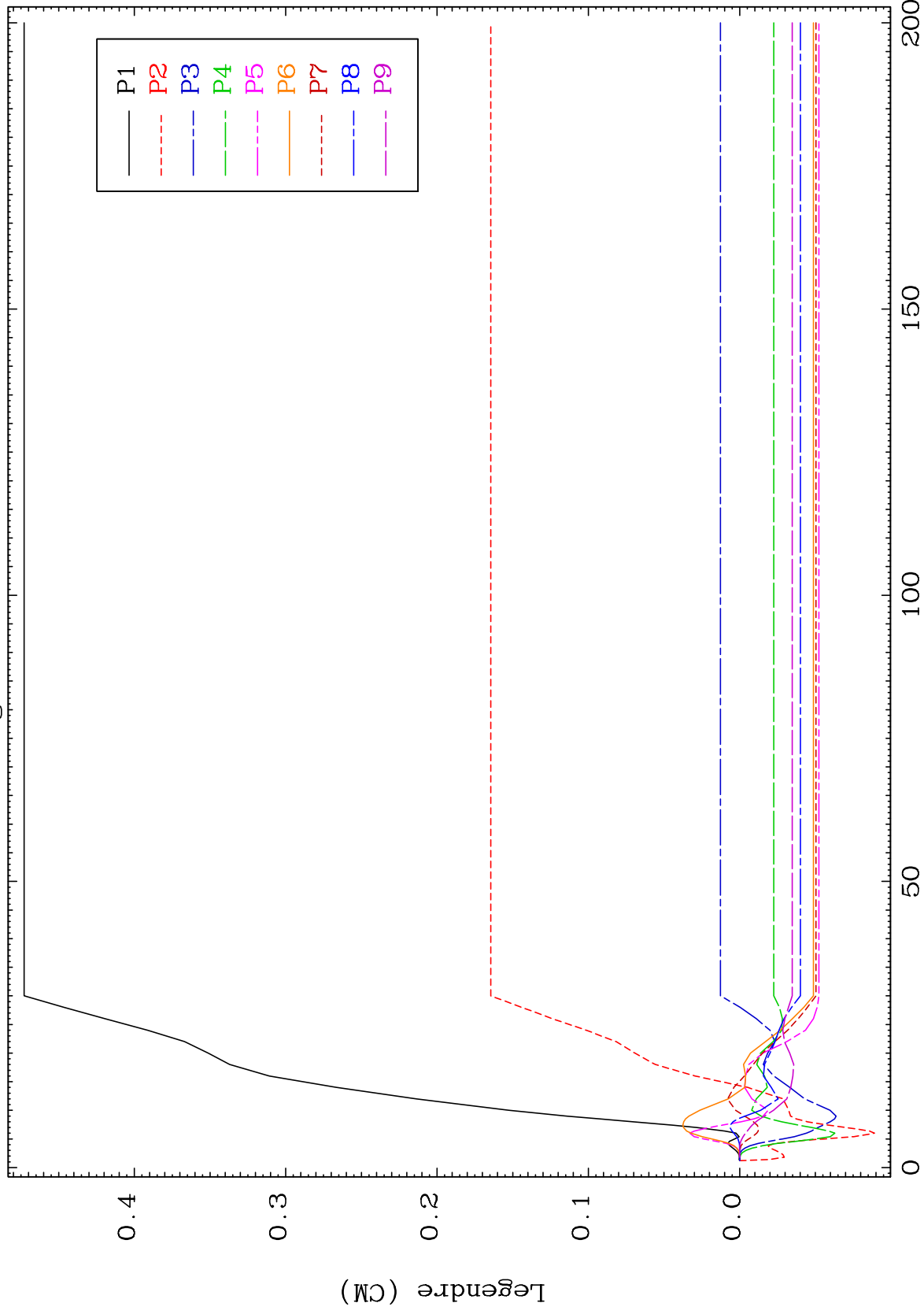
66-Dy-166



MAT 6655

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

66-Dy-166



66-Dy-166

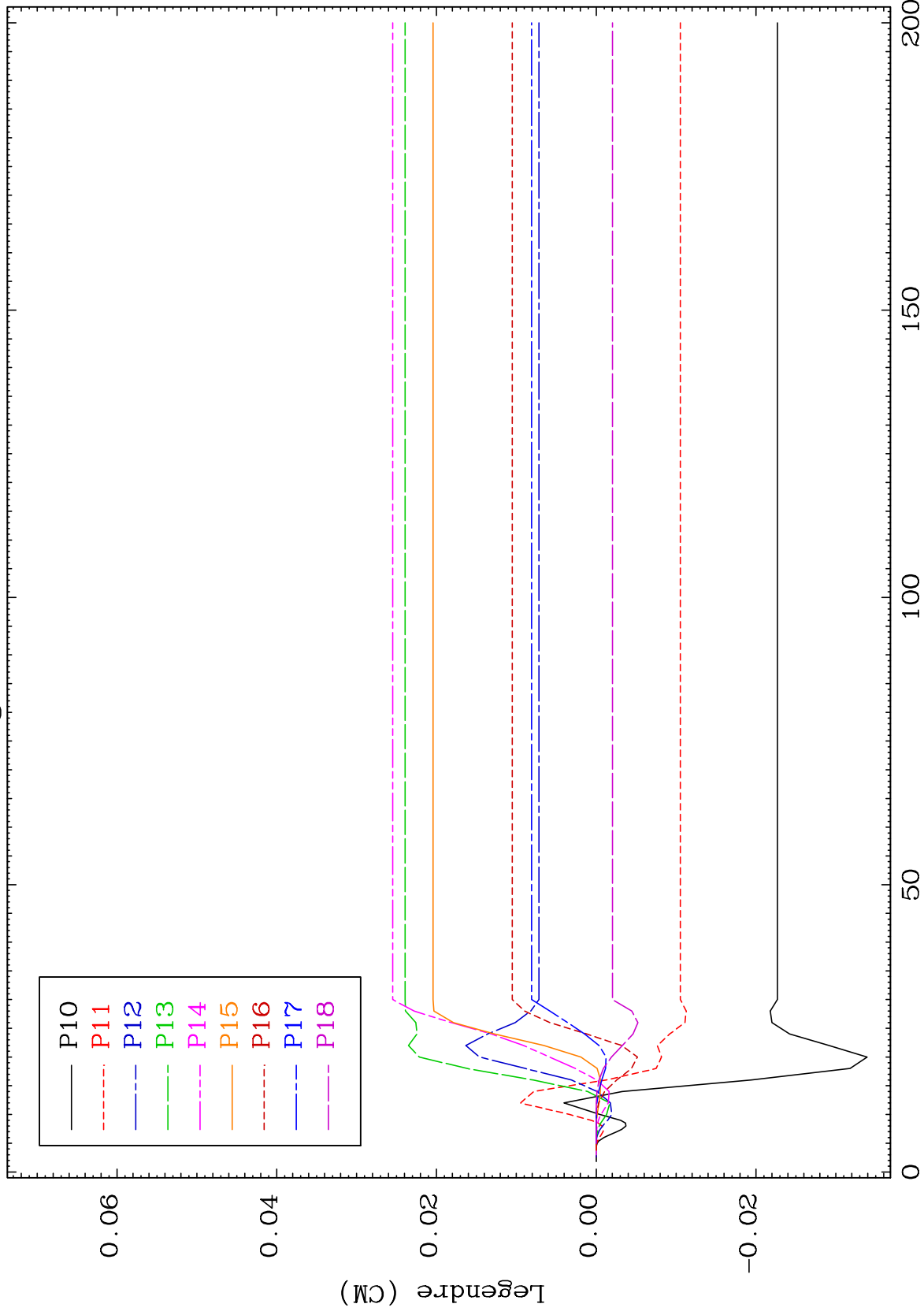
Incident Energy (MeV)

62

MAT 6655

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

66-Dy-166



63

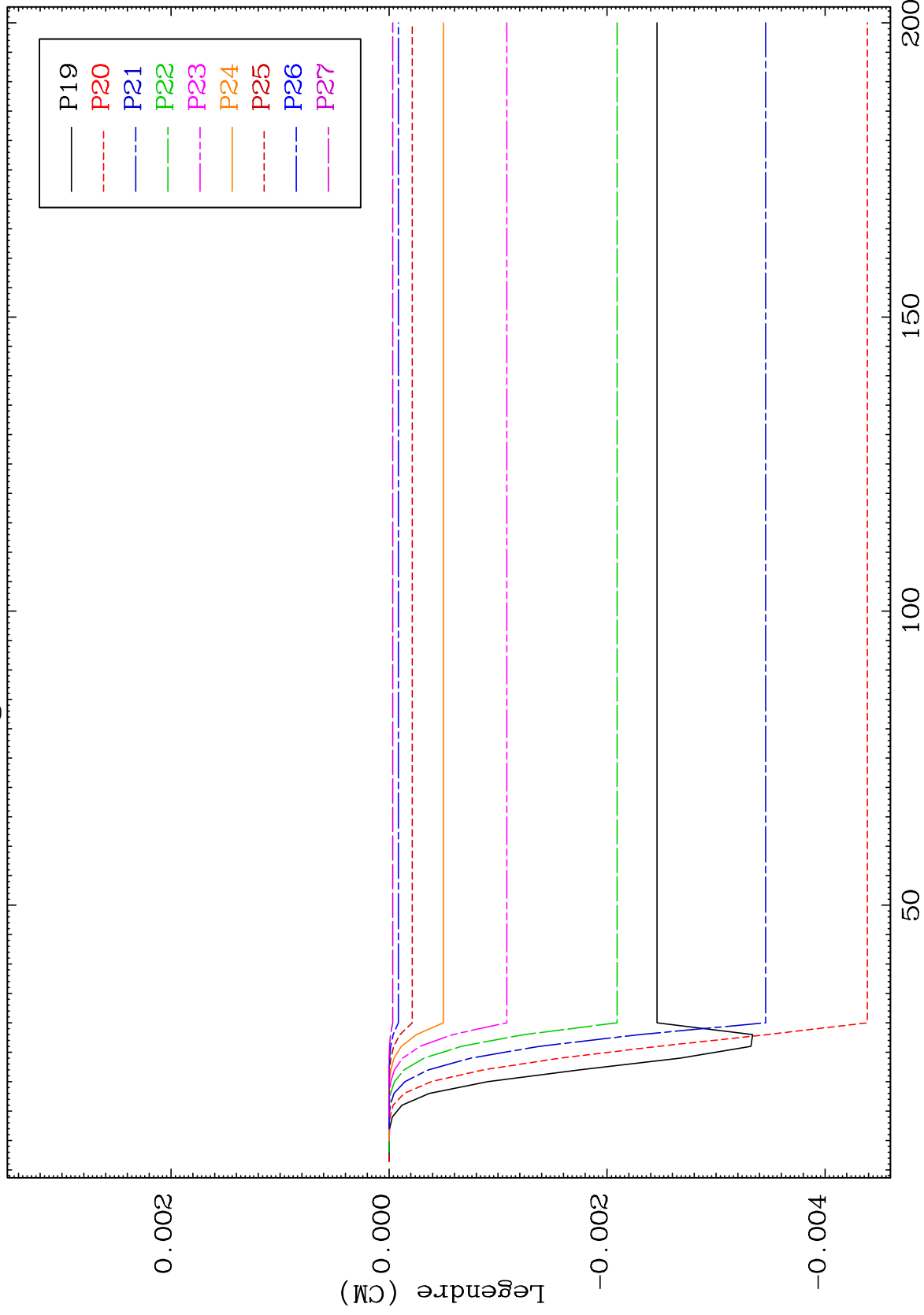
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

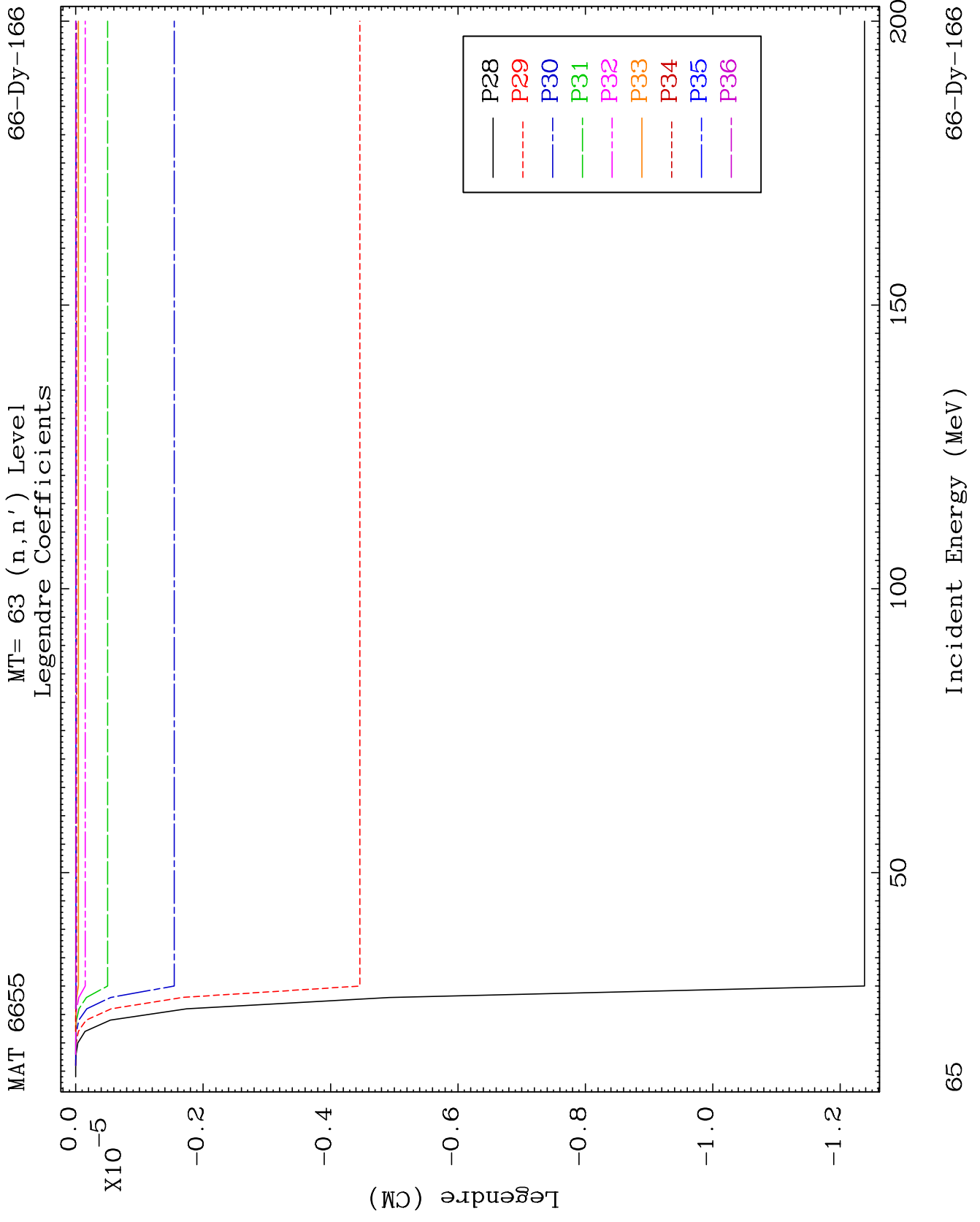
66-Dy-166



64

Incident Energy (MeV)

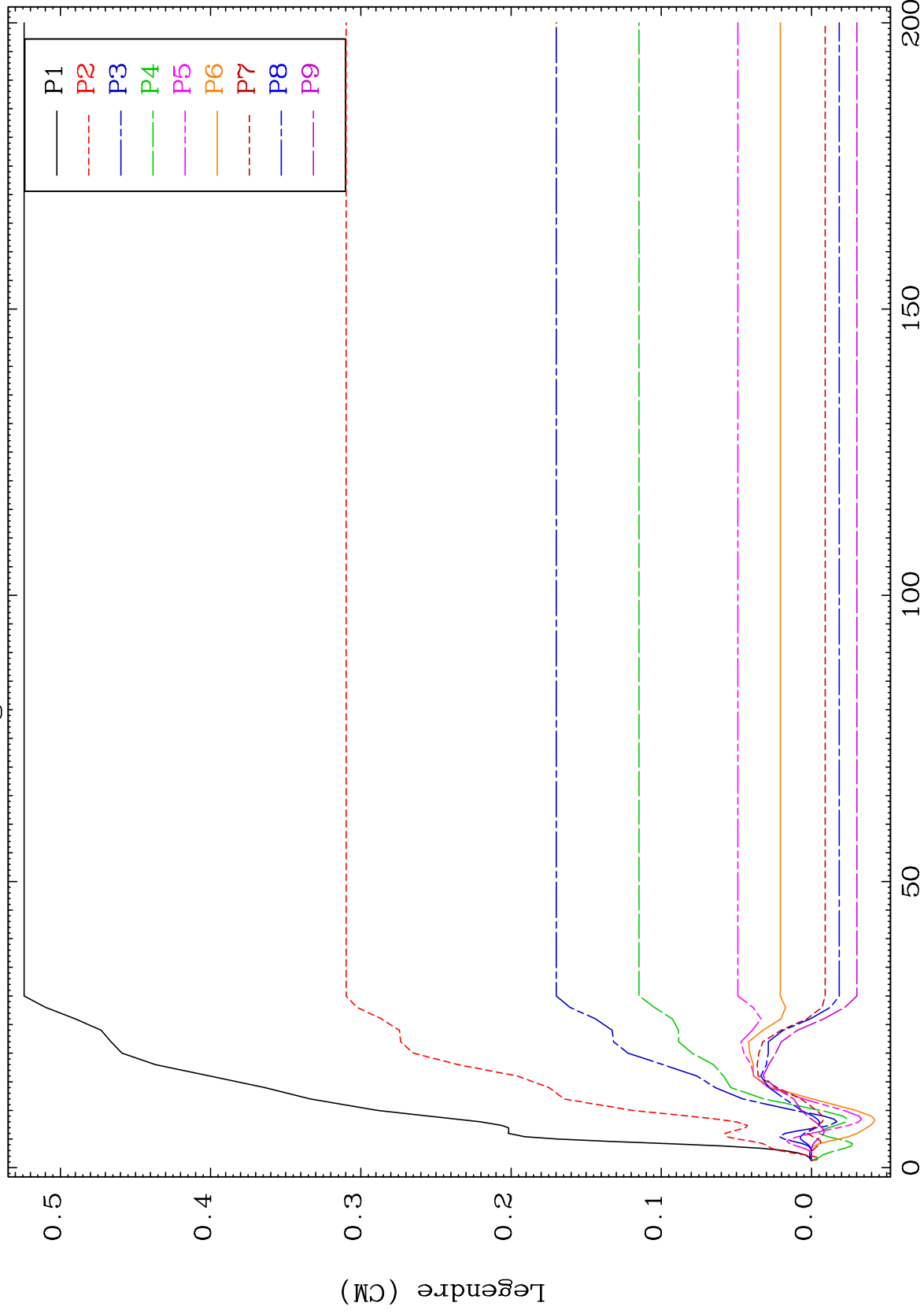
66-Dy-166



MAT 6655

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

66-Dy-166



66

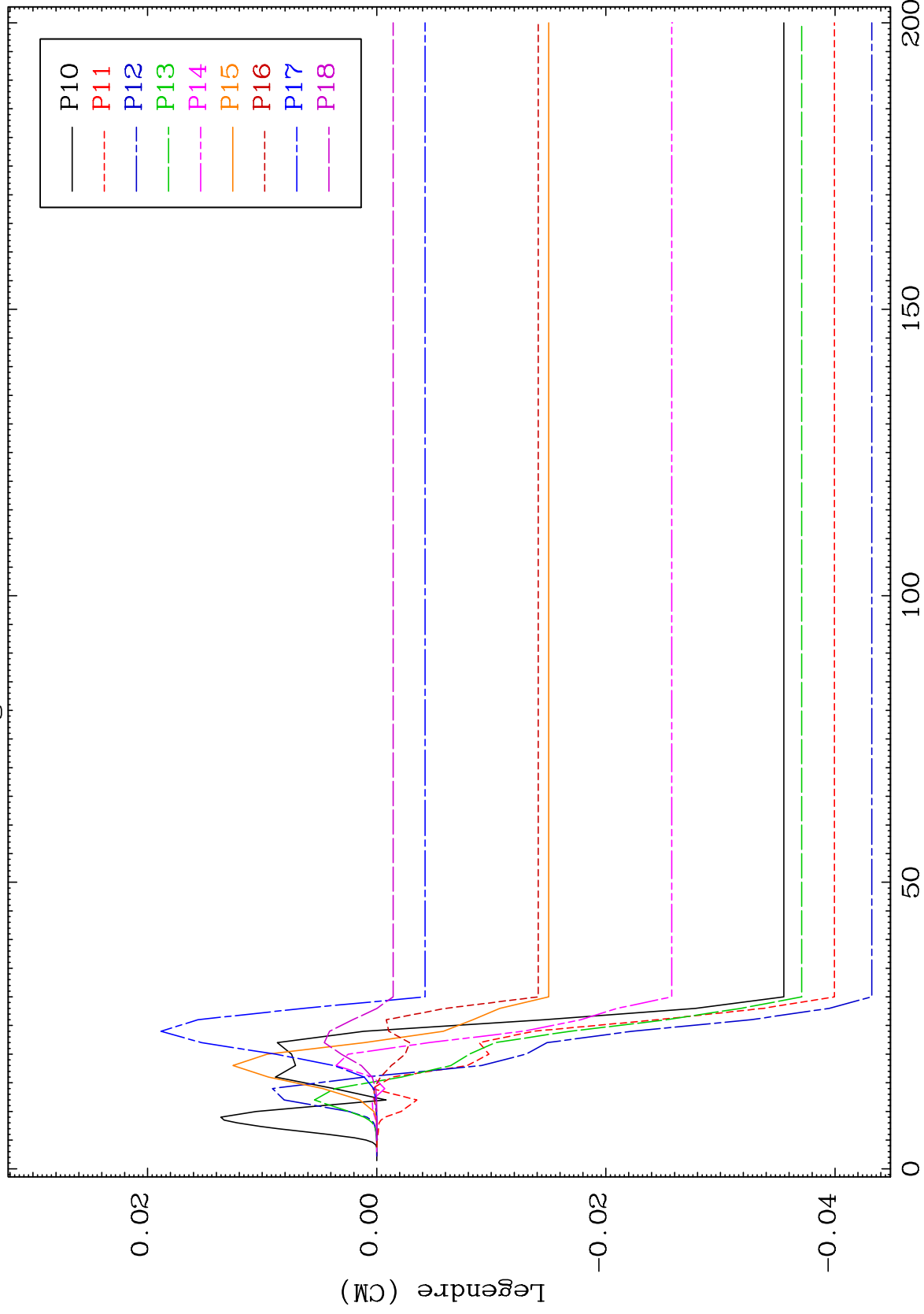
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

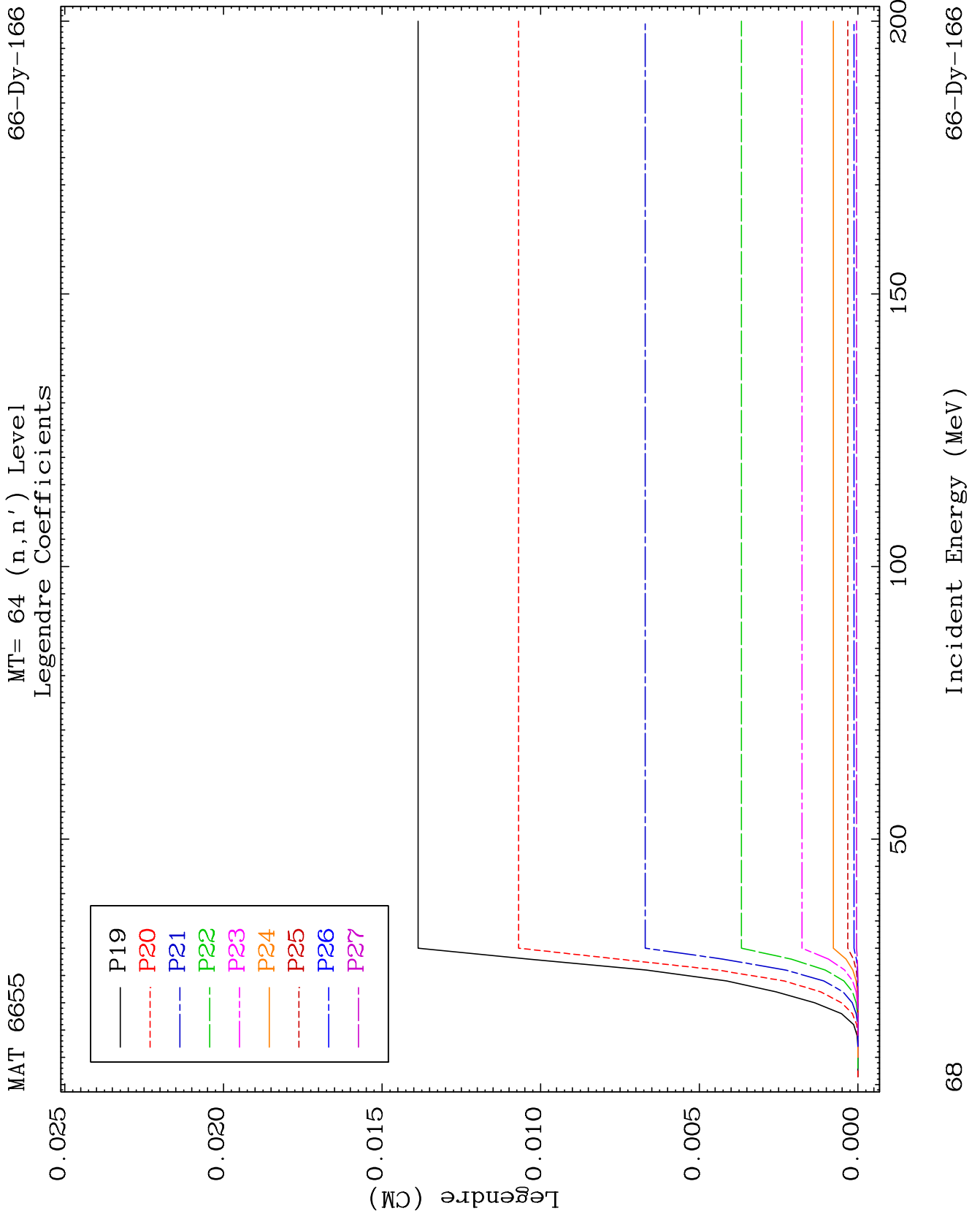
66-Dy-166



67

Incident Energy (MeV)

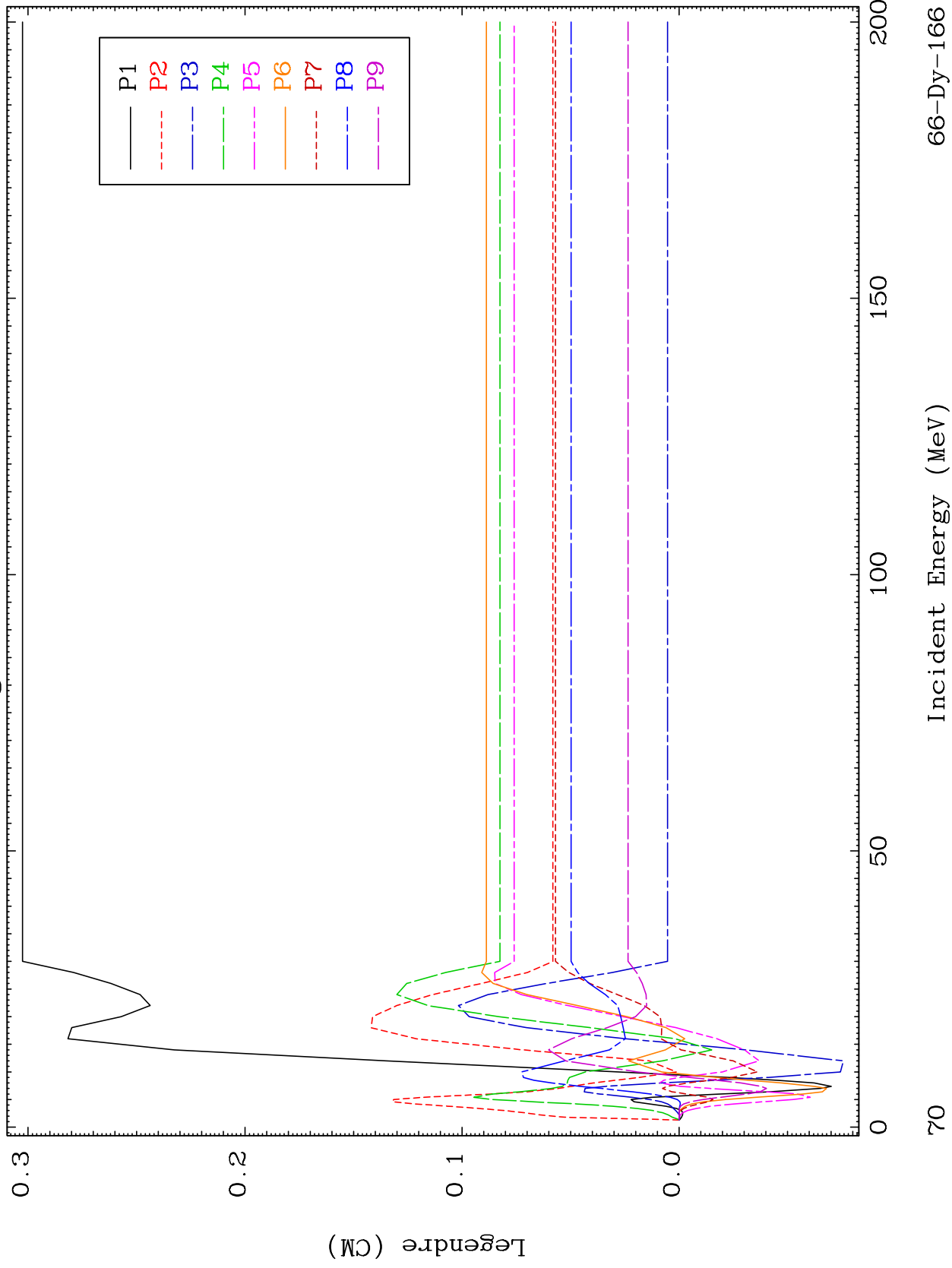
66-Dy-166



MAT 6655

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

66-Dy-166



66-Dy-166

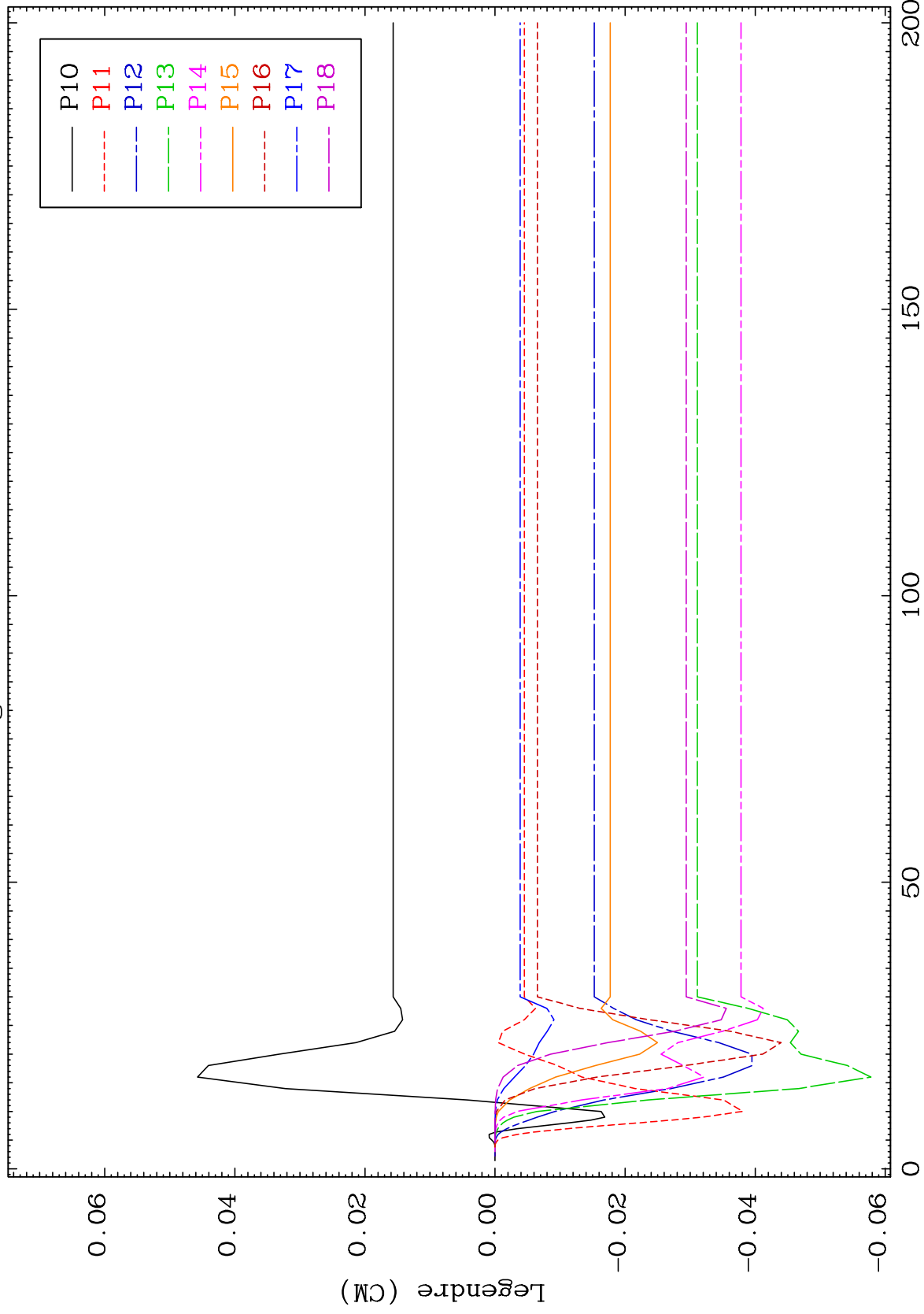
Incident Energy (MeV)

70

MAT 6655

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

66-Dy-166



71

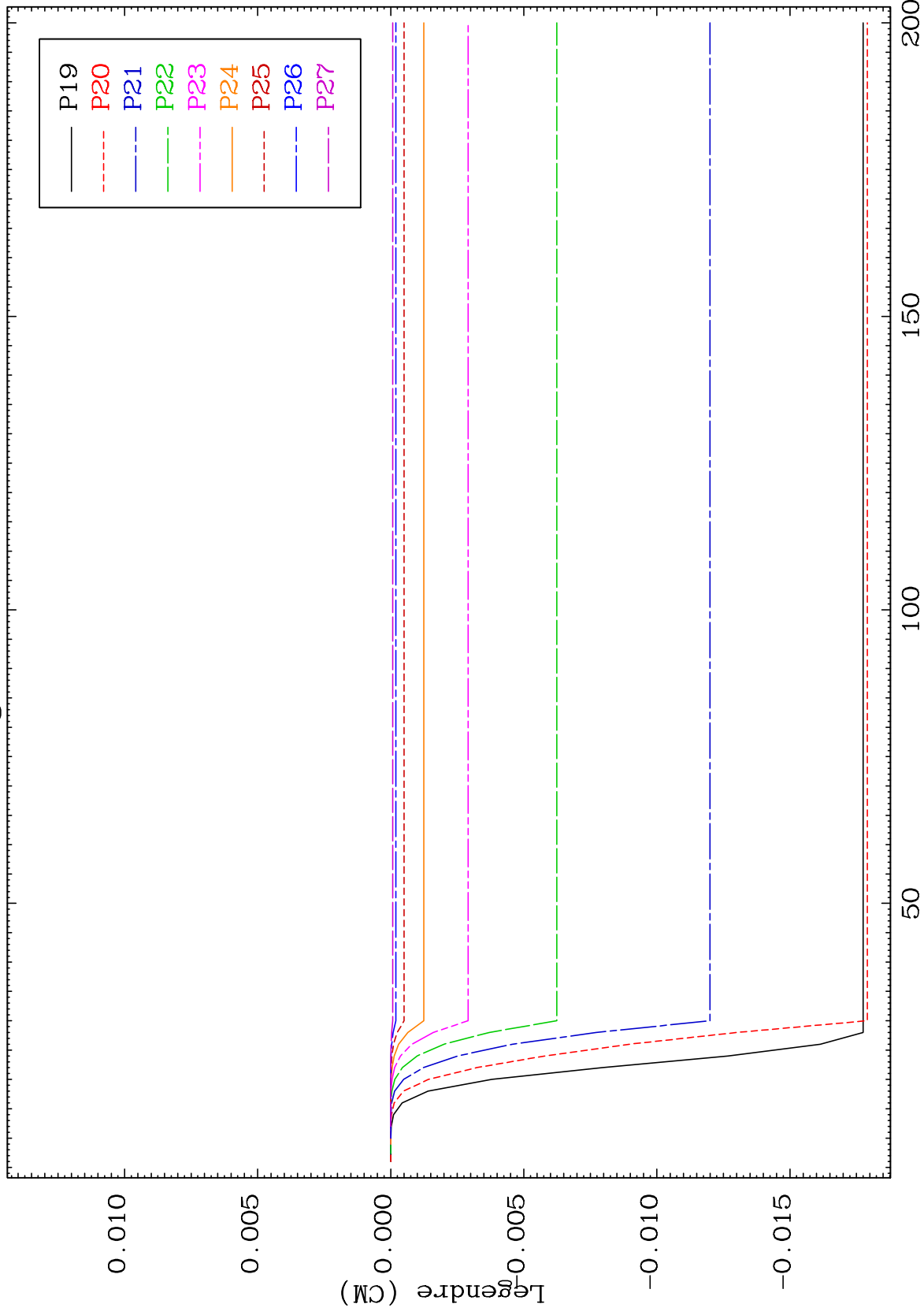
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166

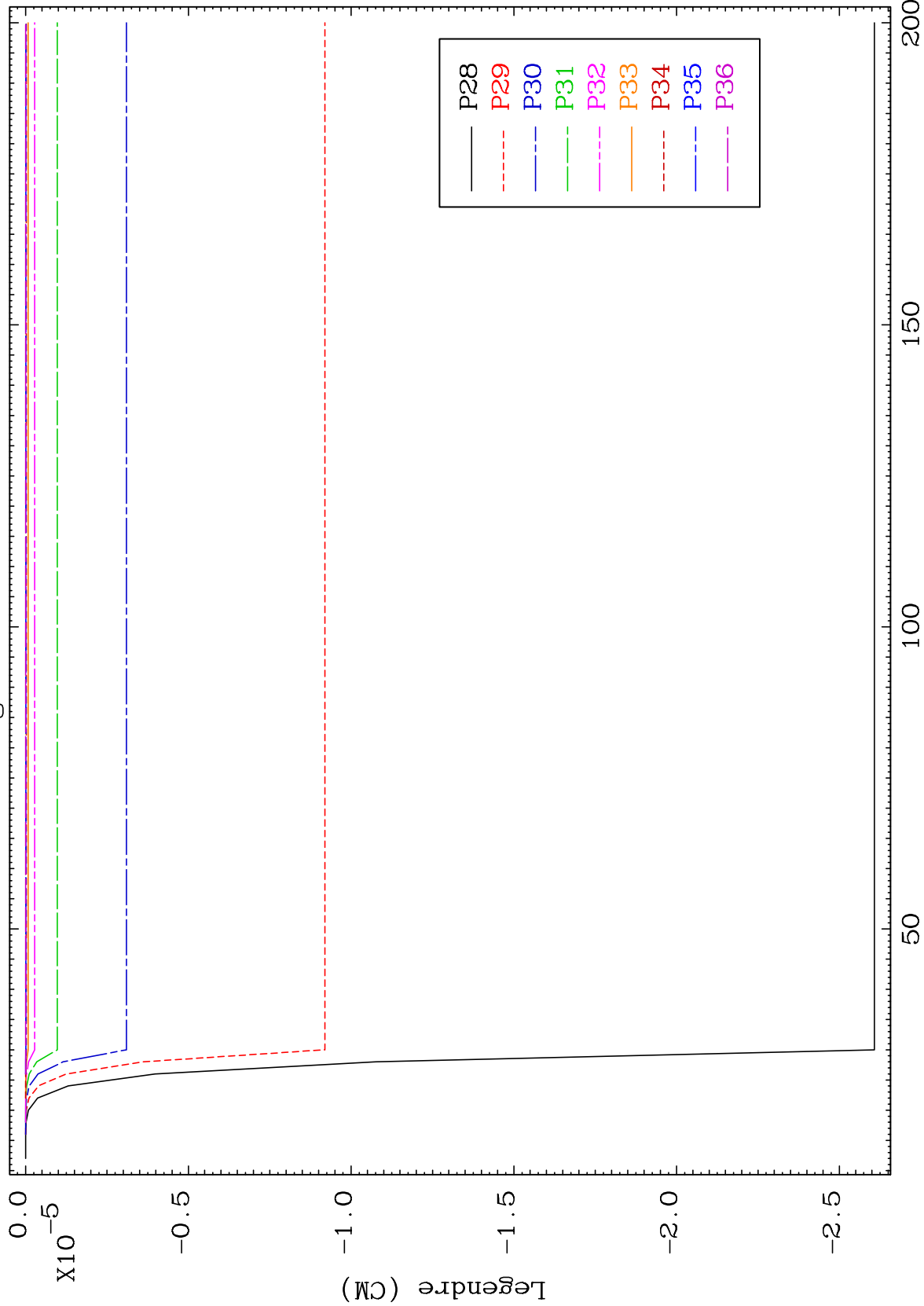


72

Incident Energy (MeV)

66-Dy-166

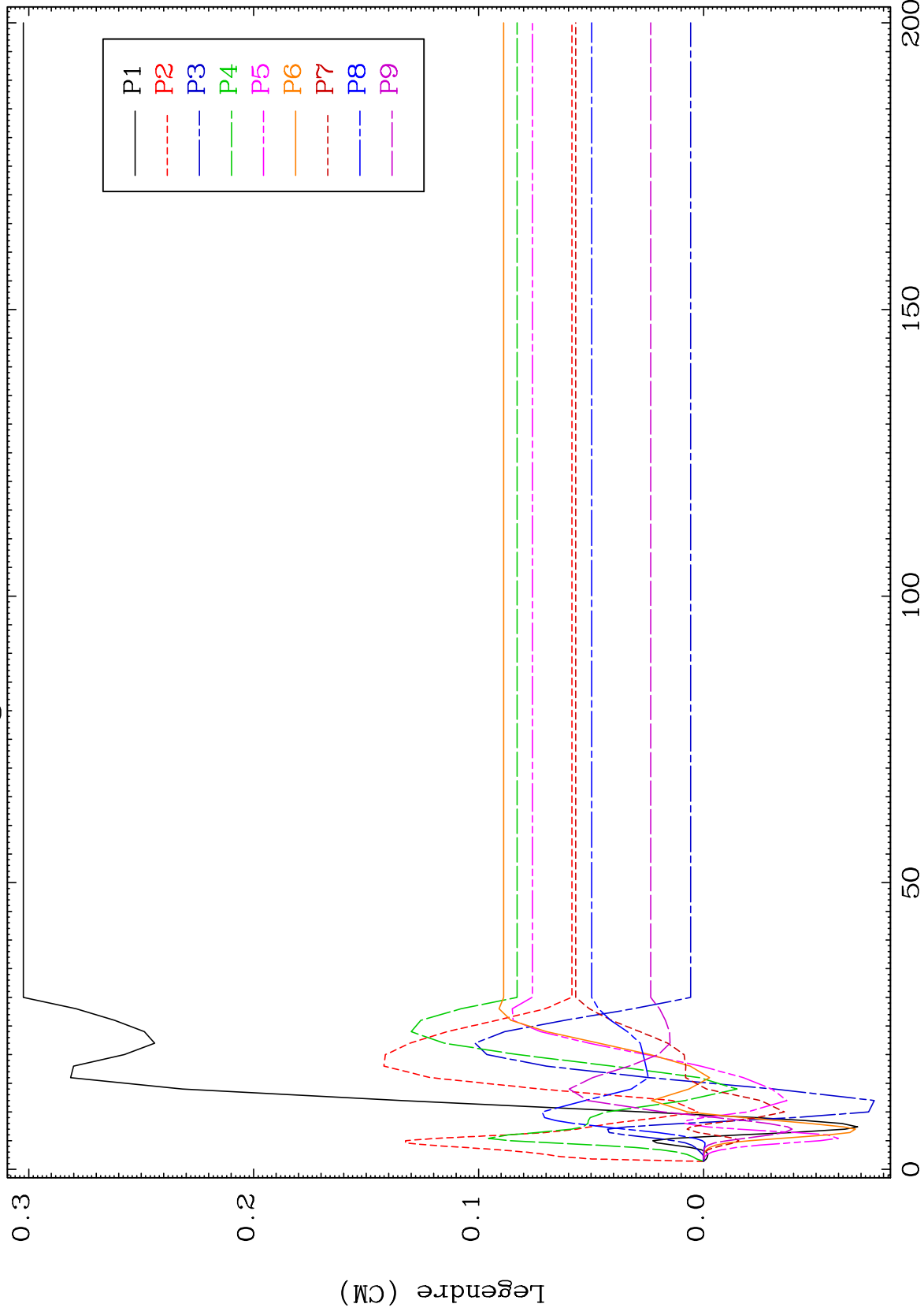
Legendre Coefficients



MAT 6655

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

66-Dy-166



74

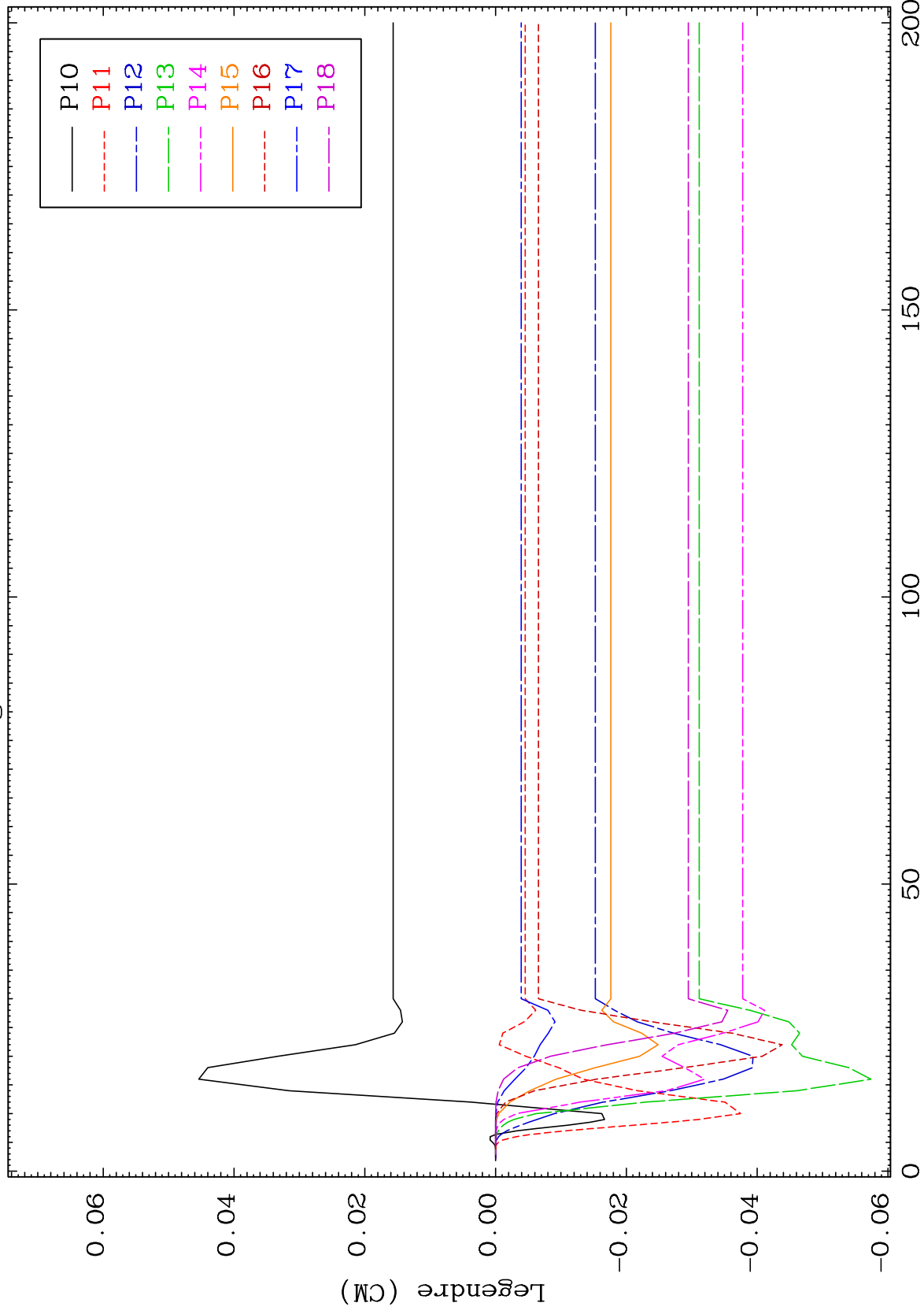
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166



75

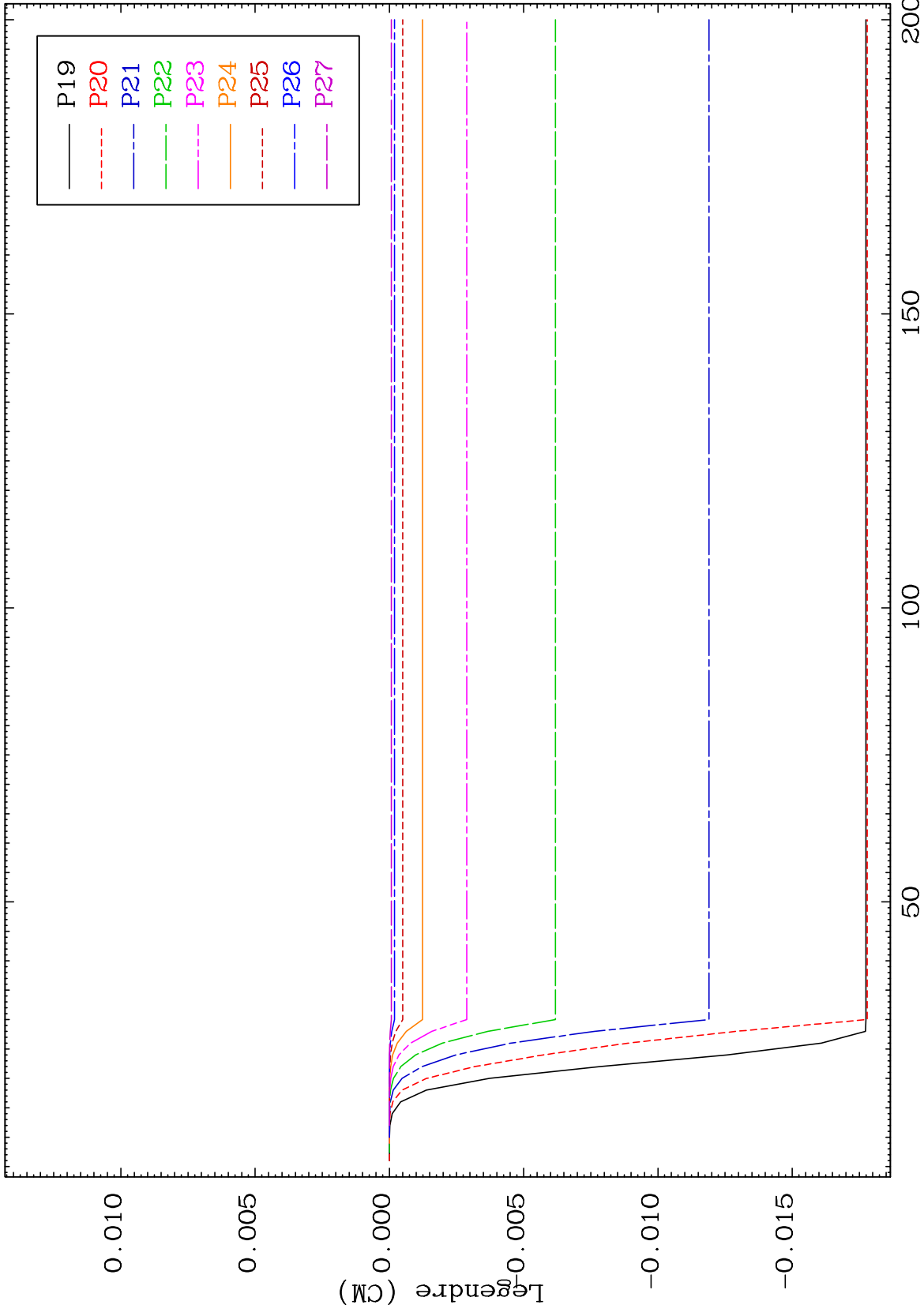
Incident Energy (MeV)

66-Dy-166

MAT 6655

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

66-Dy-166

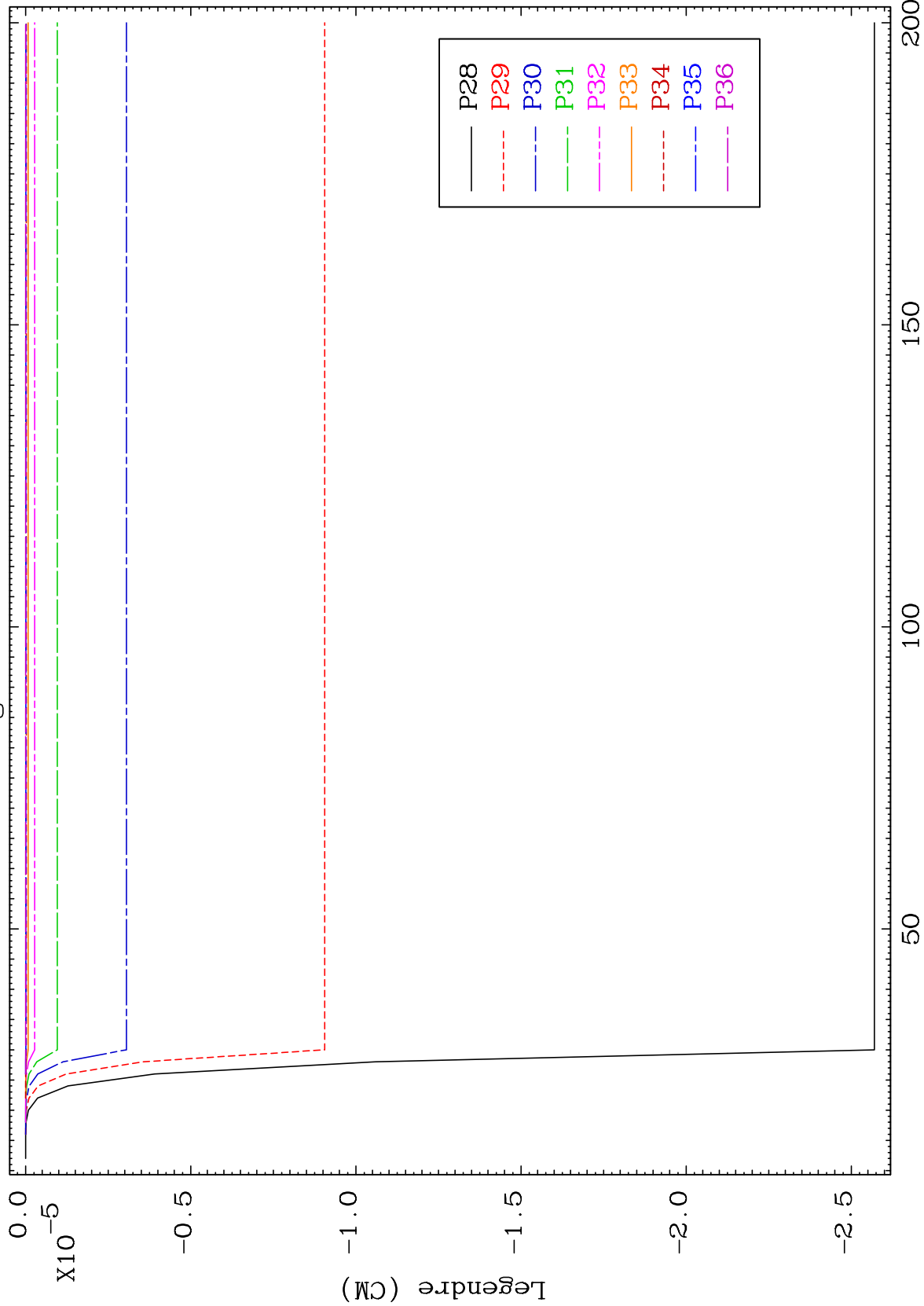


76

Incident Energy (MeV)

66-Dy-166

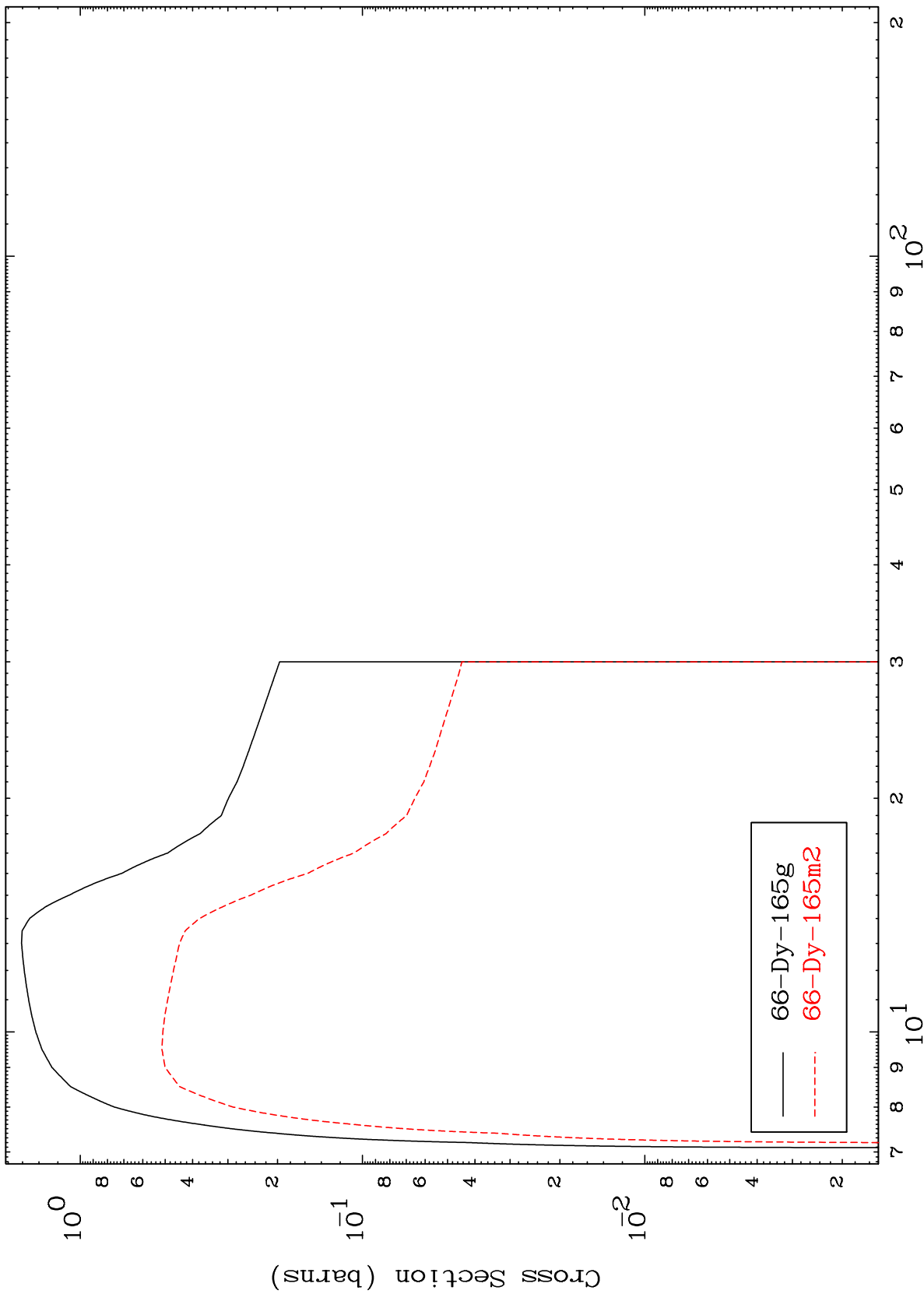
Legendre Coefficients



MAT 6655

66-Dy-166

(n,2n)
Radionuclide Production Cross Section



66-Dy-166

Incident Energy (MeV)

78