

Program EVALPLOT
(Version 2021-1)

by

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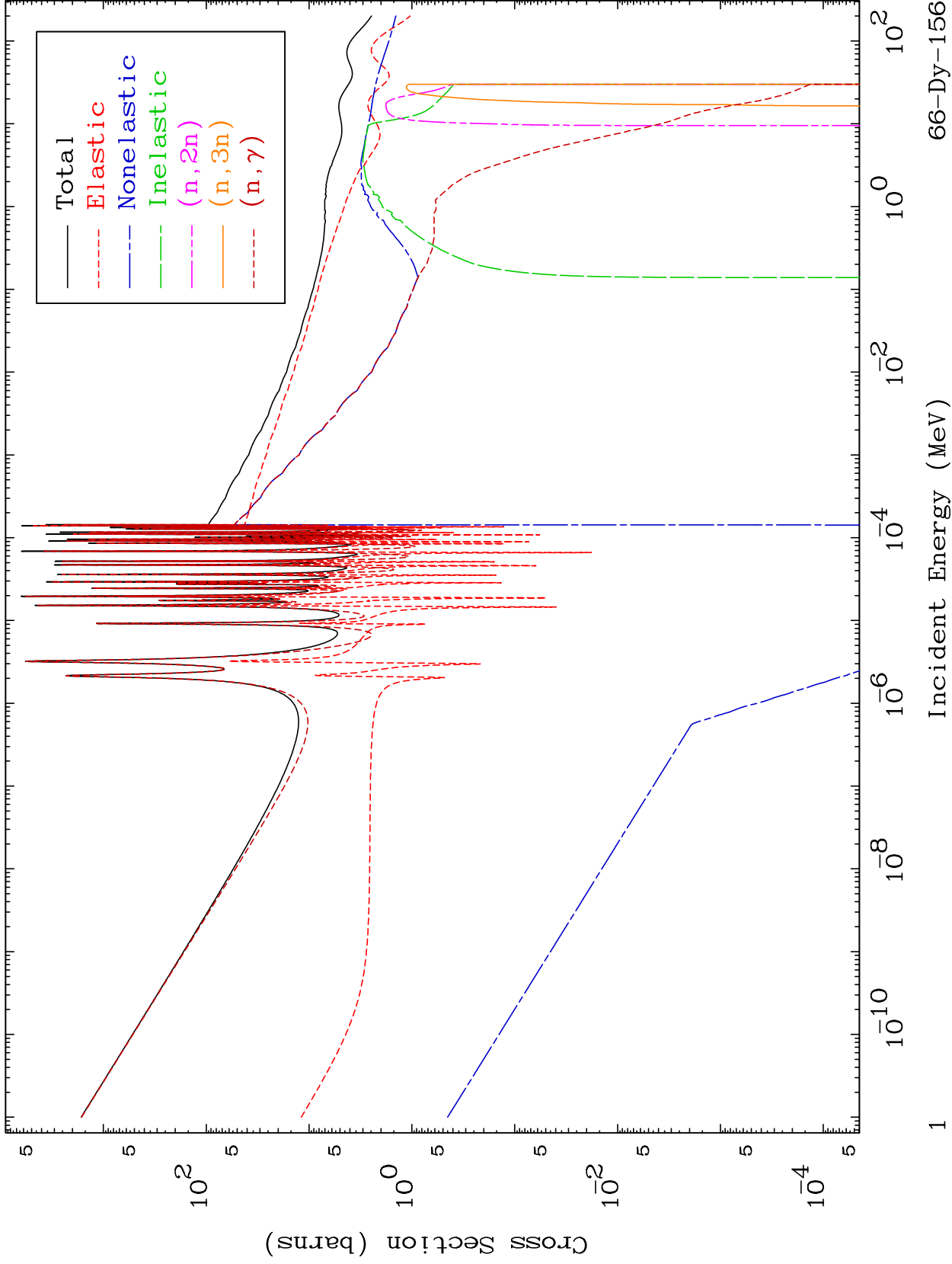
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6625

Neutron Major
293 Kelvin Cross Sections

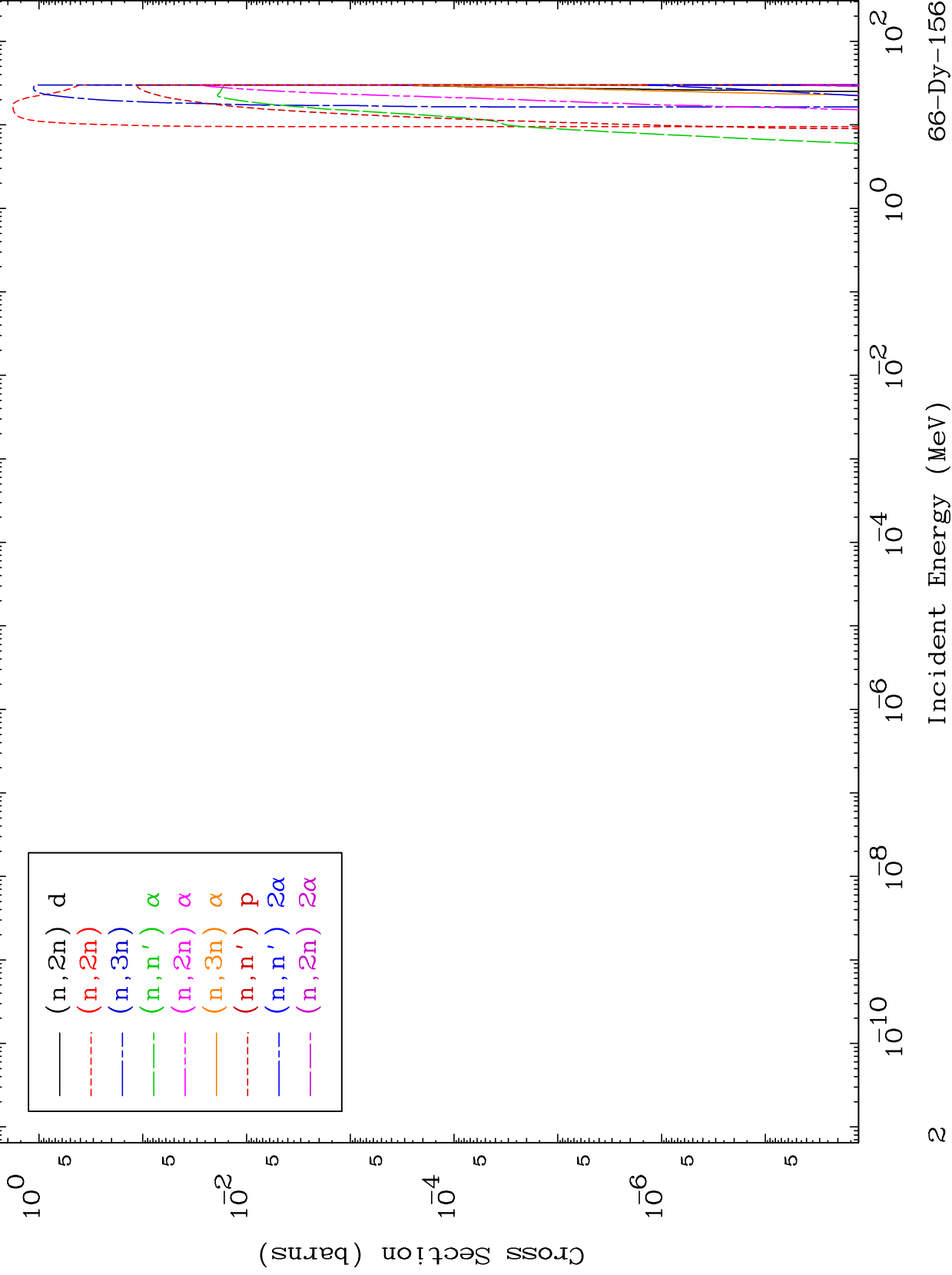
66-Dy-156

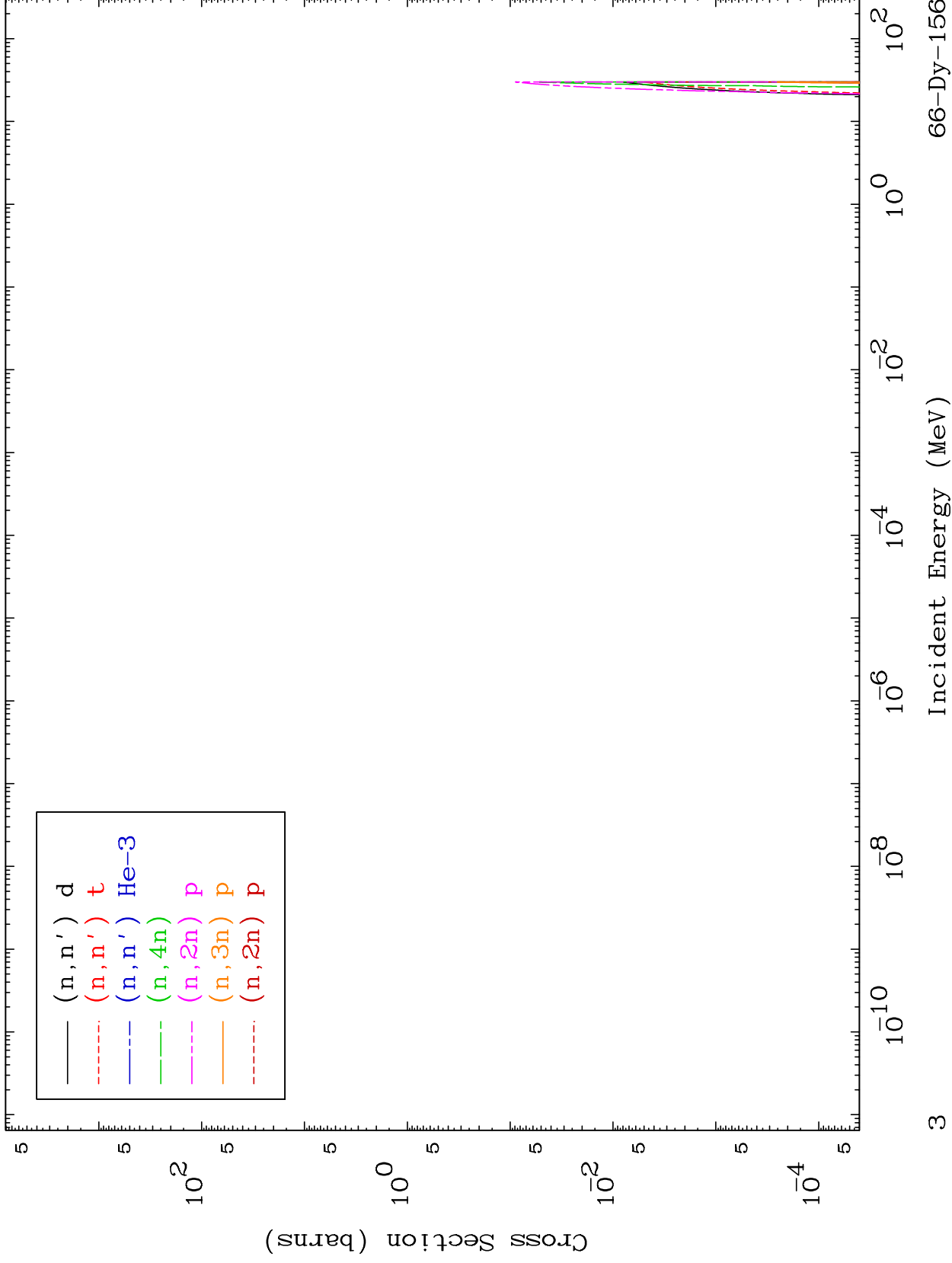


MAT 6625

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-156

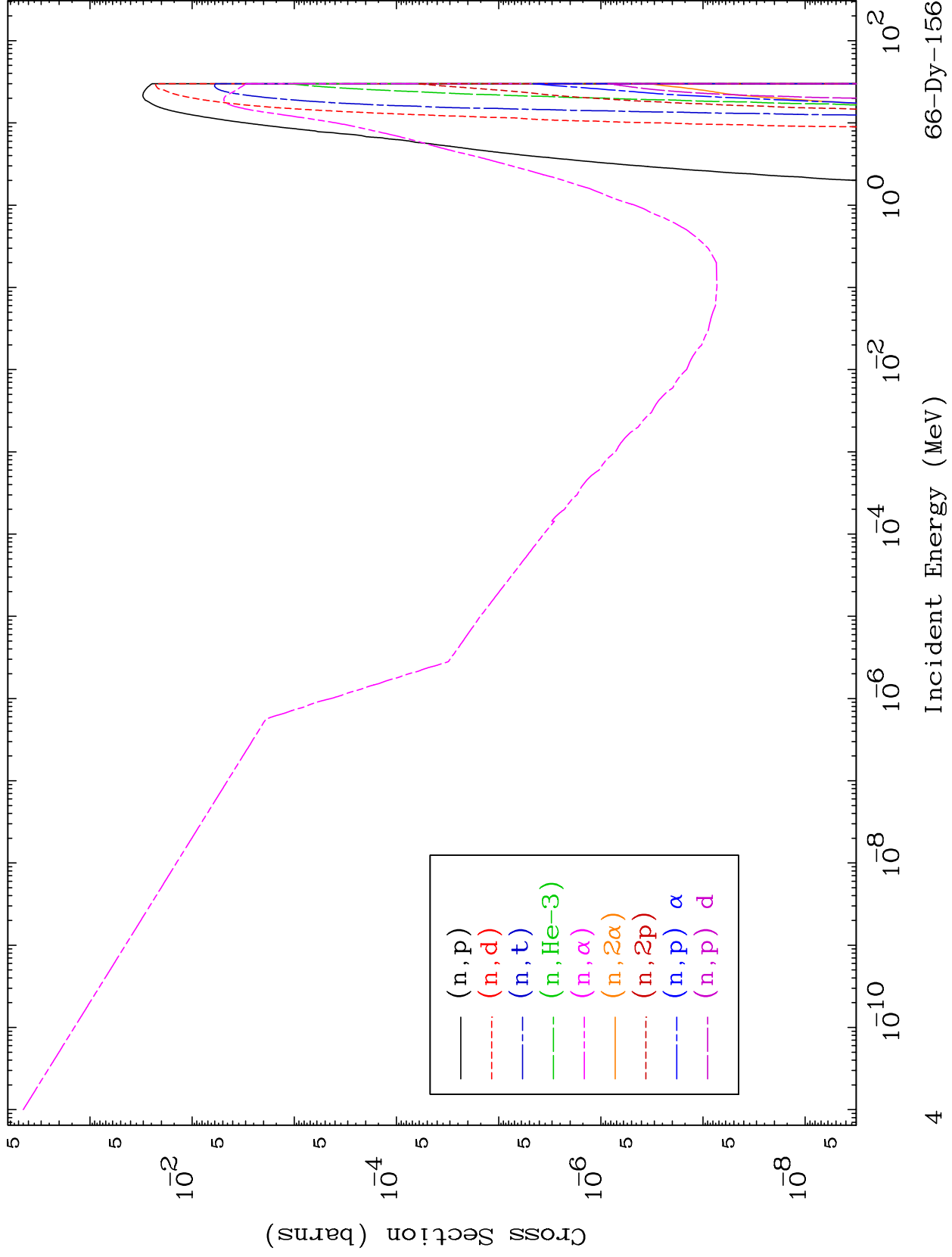


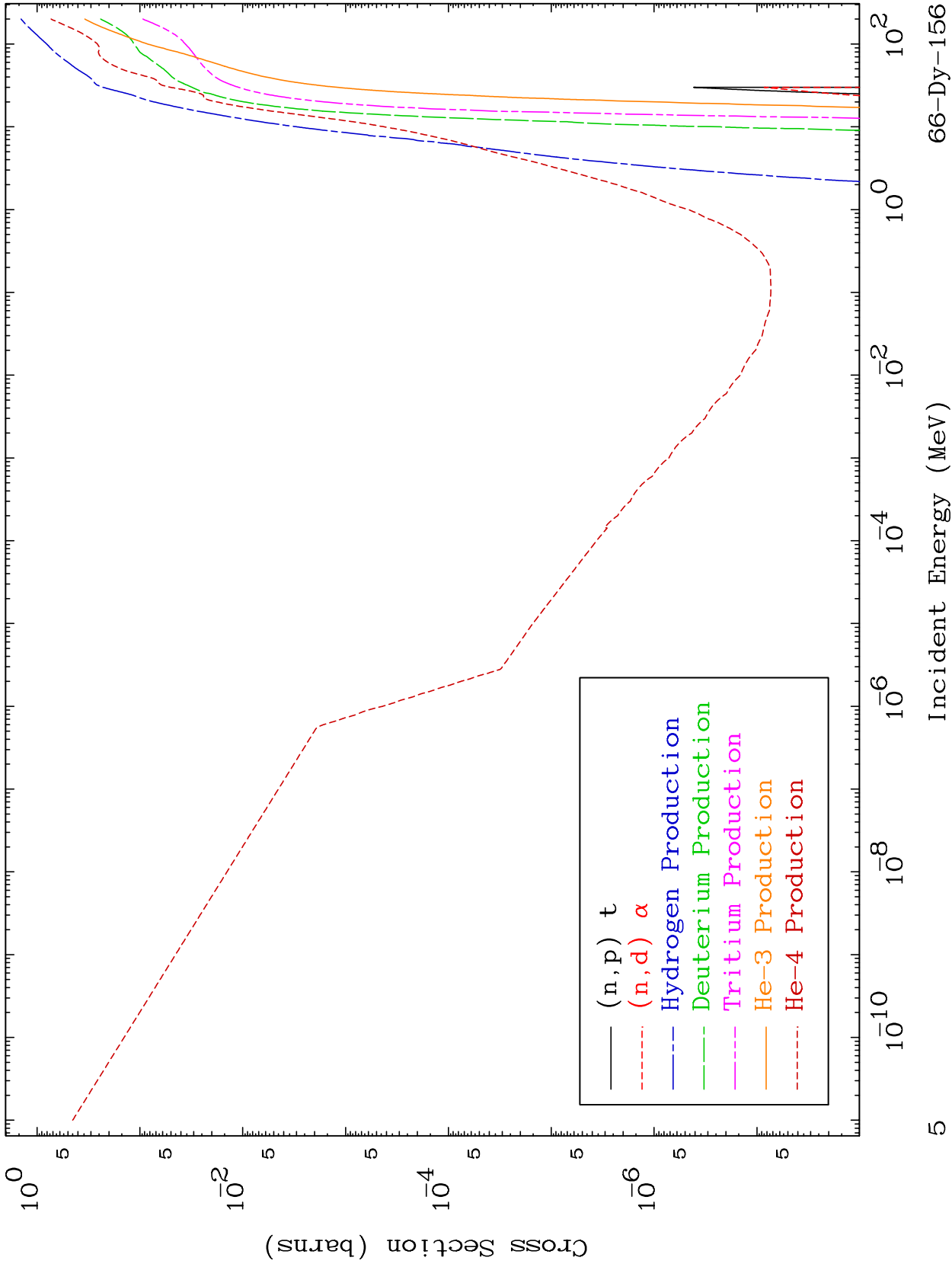


MAT 6625

Neutron Absorption
293 Kelvin Cross Sections

66-Dy-156

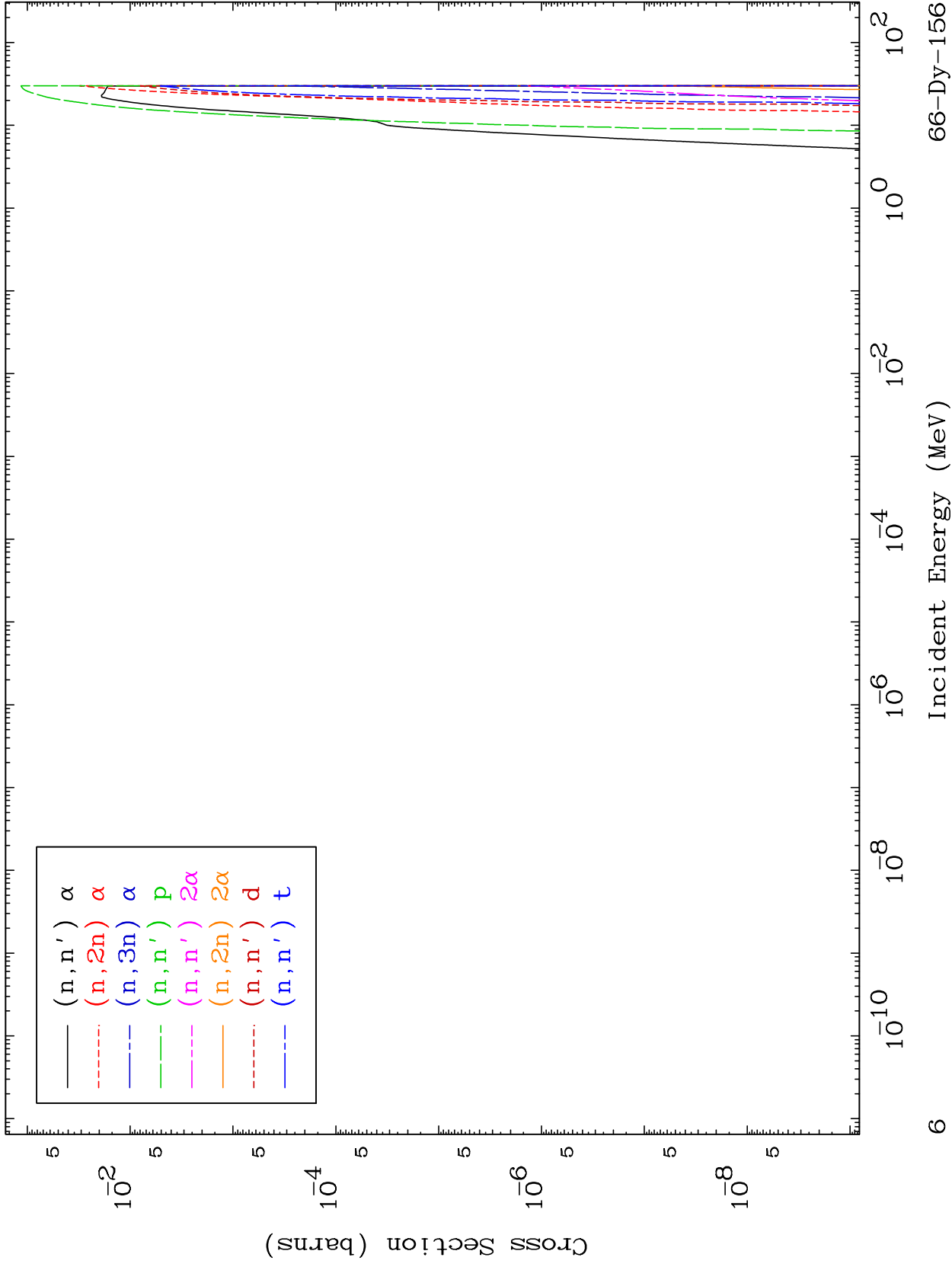




MAT 6625

Charged Particle
293 Kelvin Cross Sections

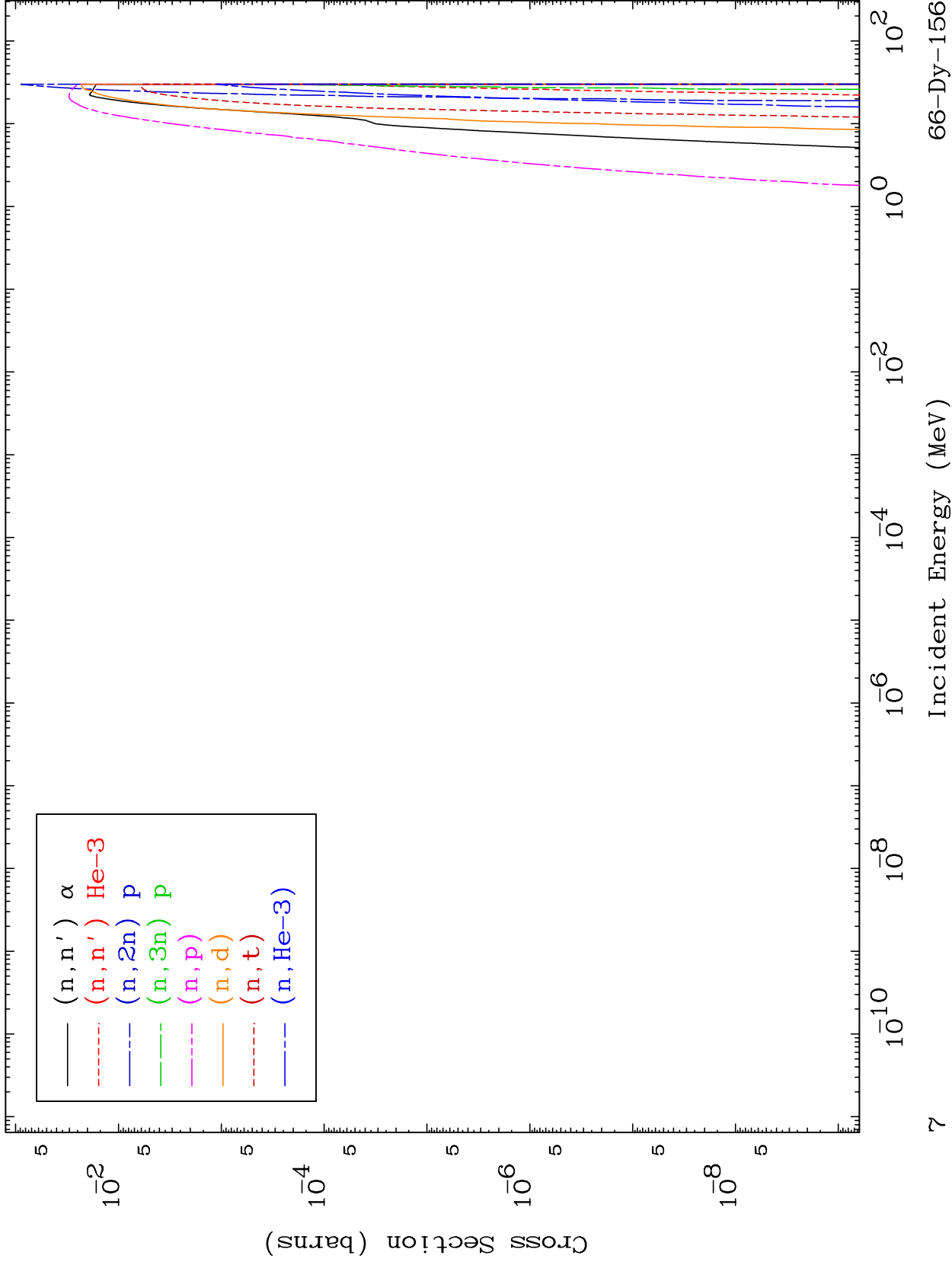
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MAT 6625

Charged Particle
293 Kelvin Cross Sections

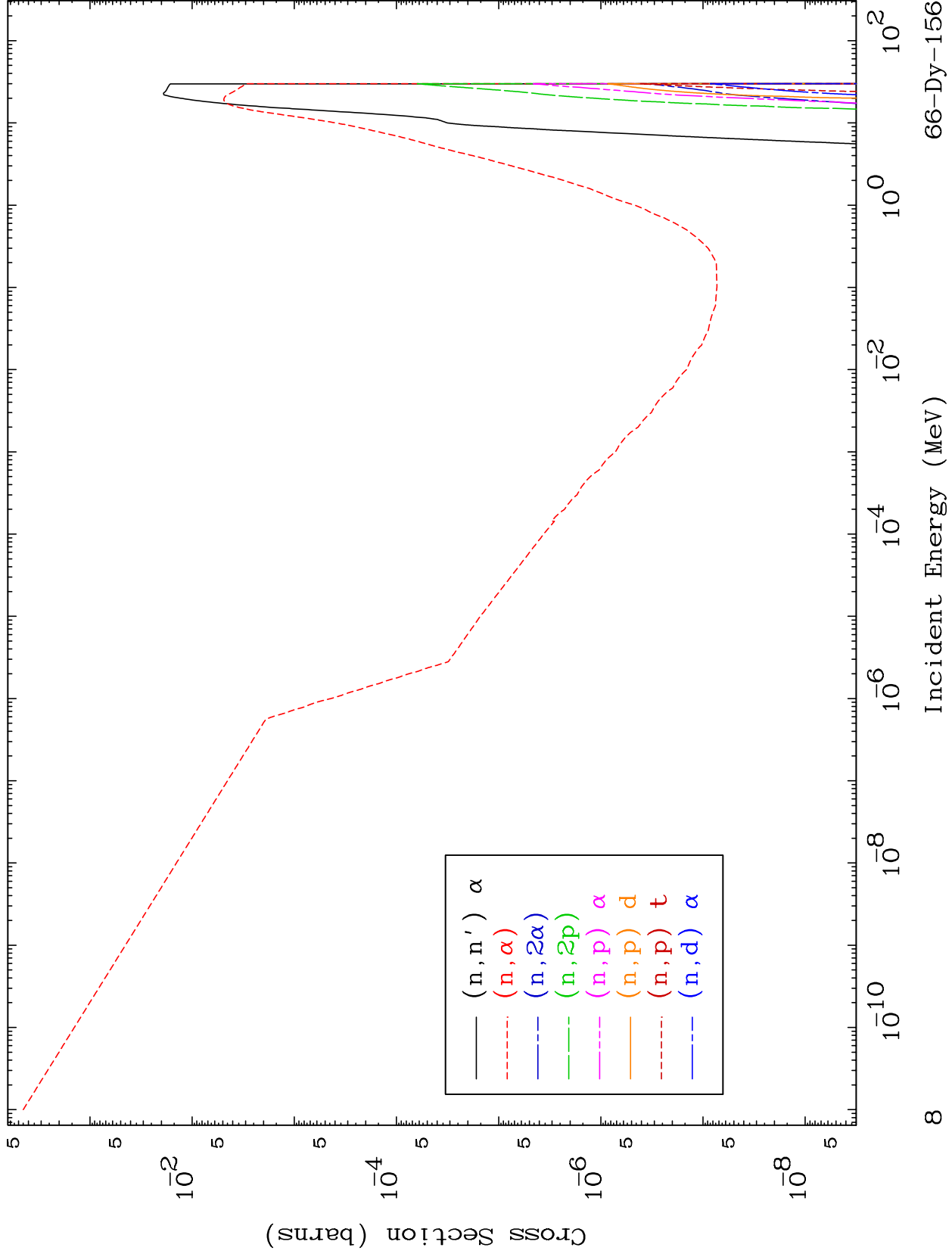
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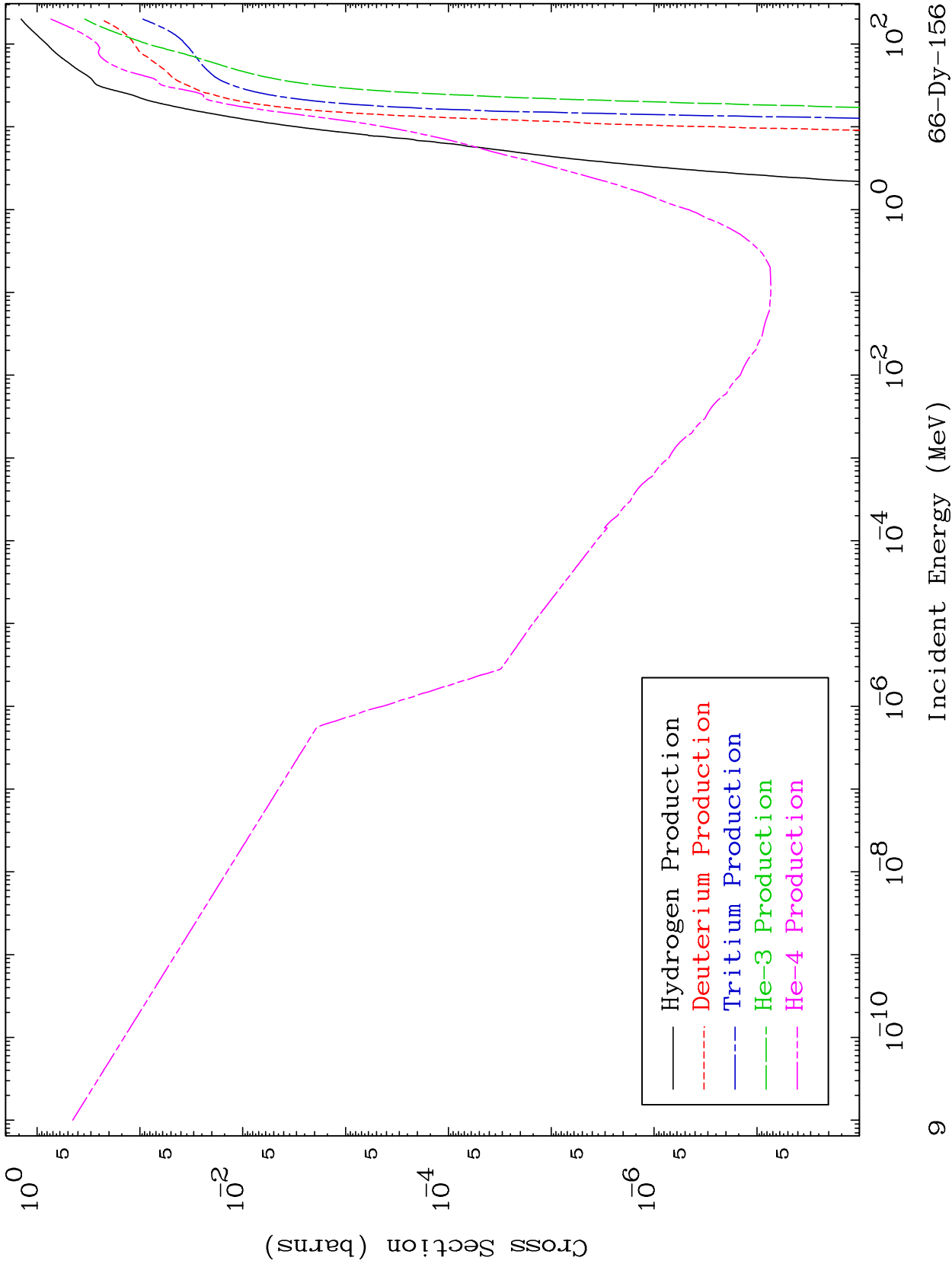


MAT 6625

Charged Particle
293 Kelvin Cross Sections

66-Dy-156



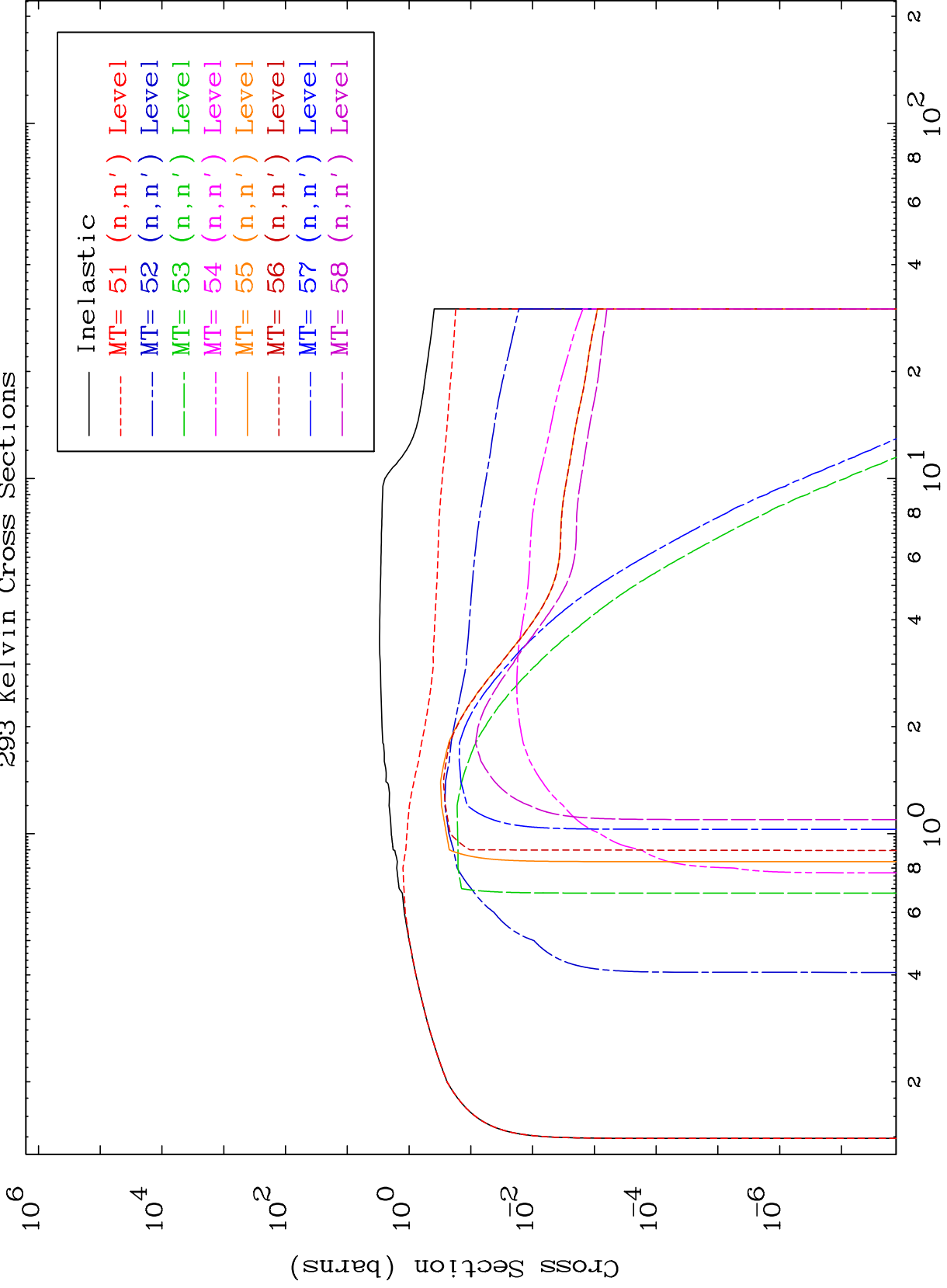


MAT 6625

(n,n') Levels

293 Kelvin Cross Sections

66-Dy-156



10

Incident Energy (MeV)

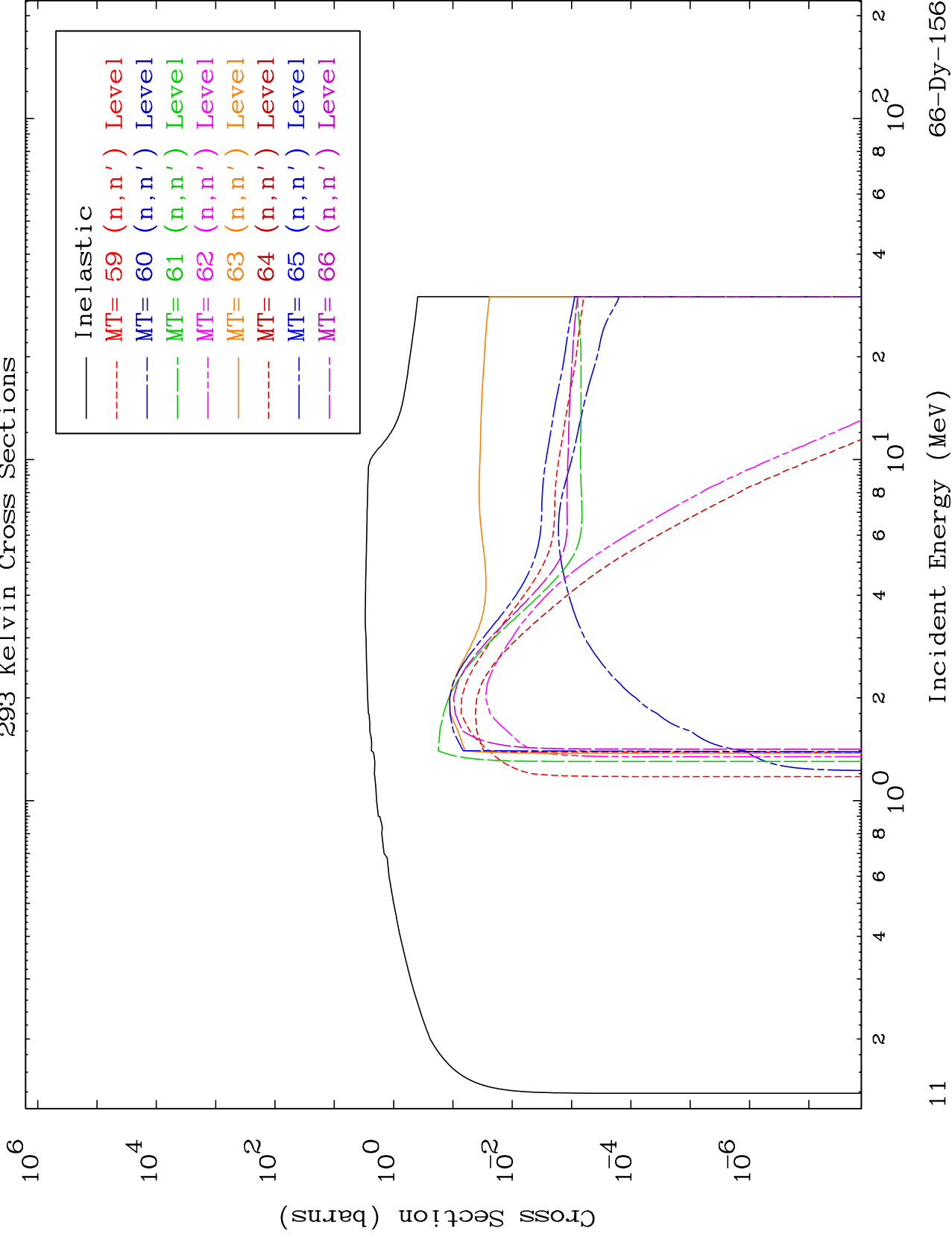
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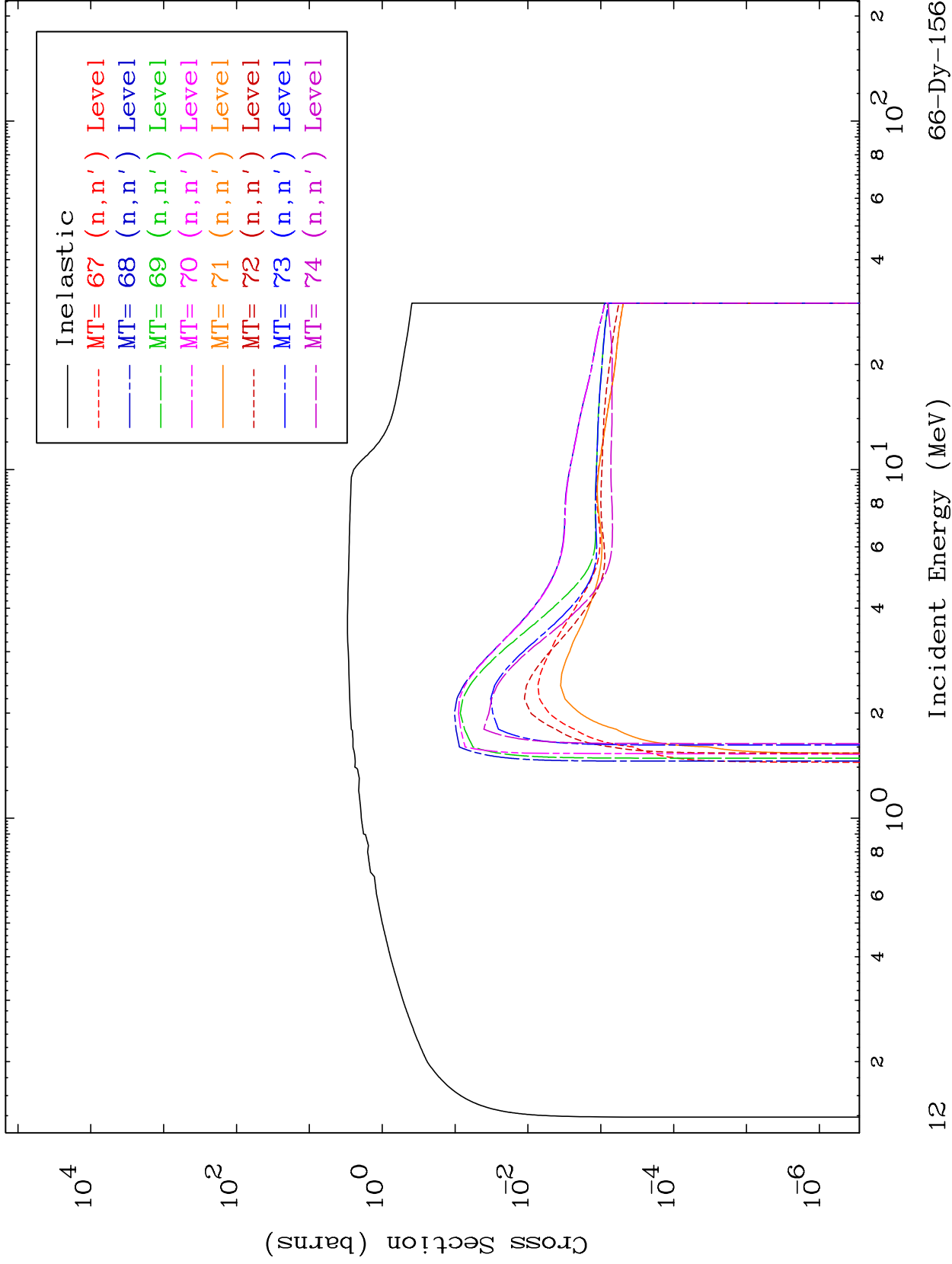
MAT 6625

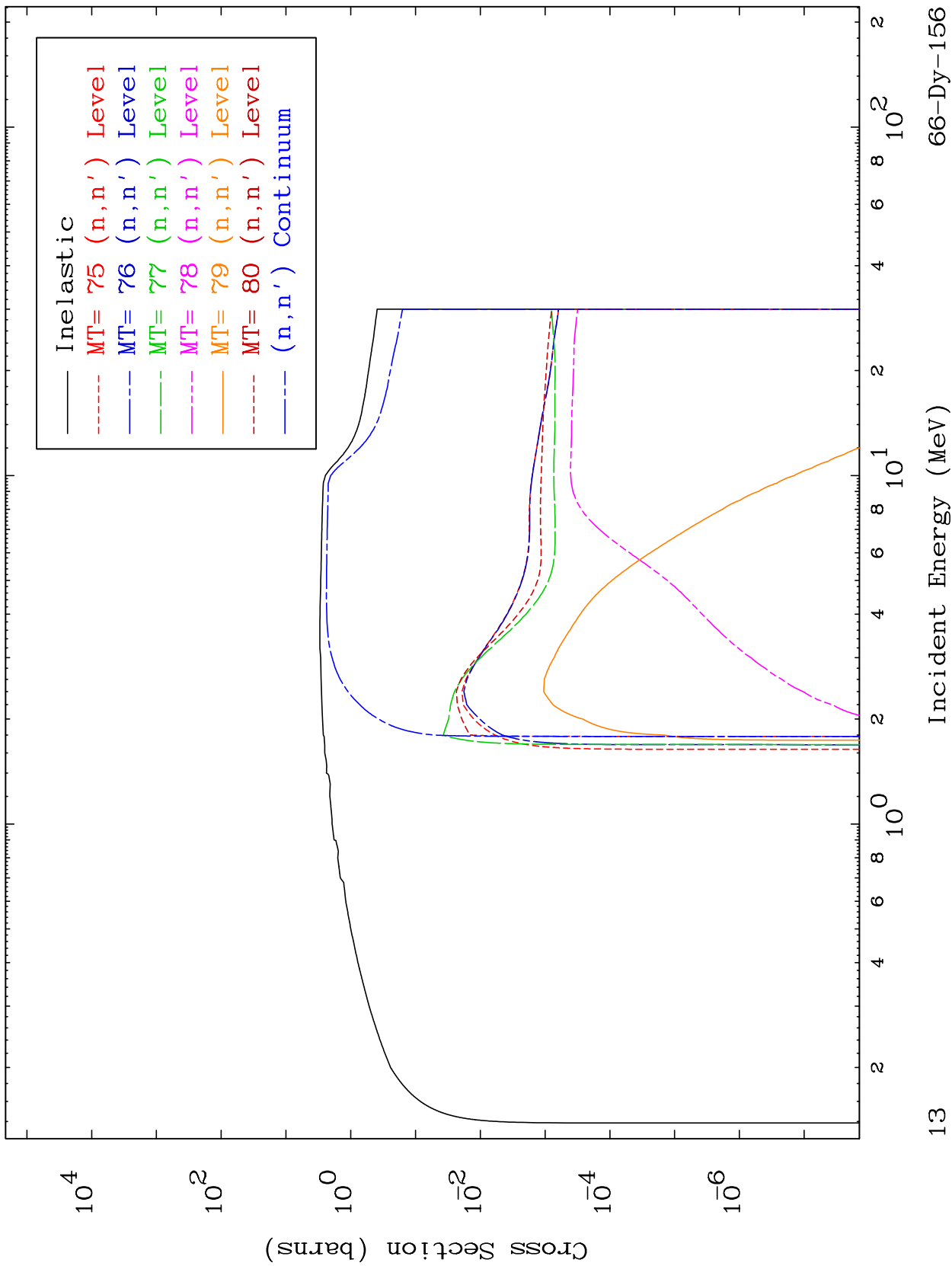
(n,n') Levels

293 Kelvin Cross Sections

66-Dy-156



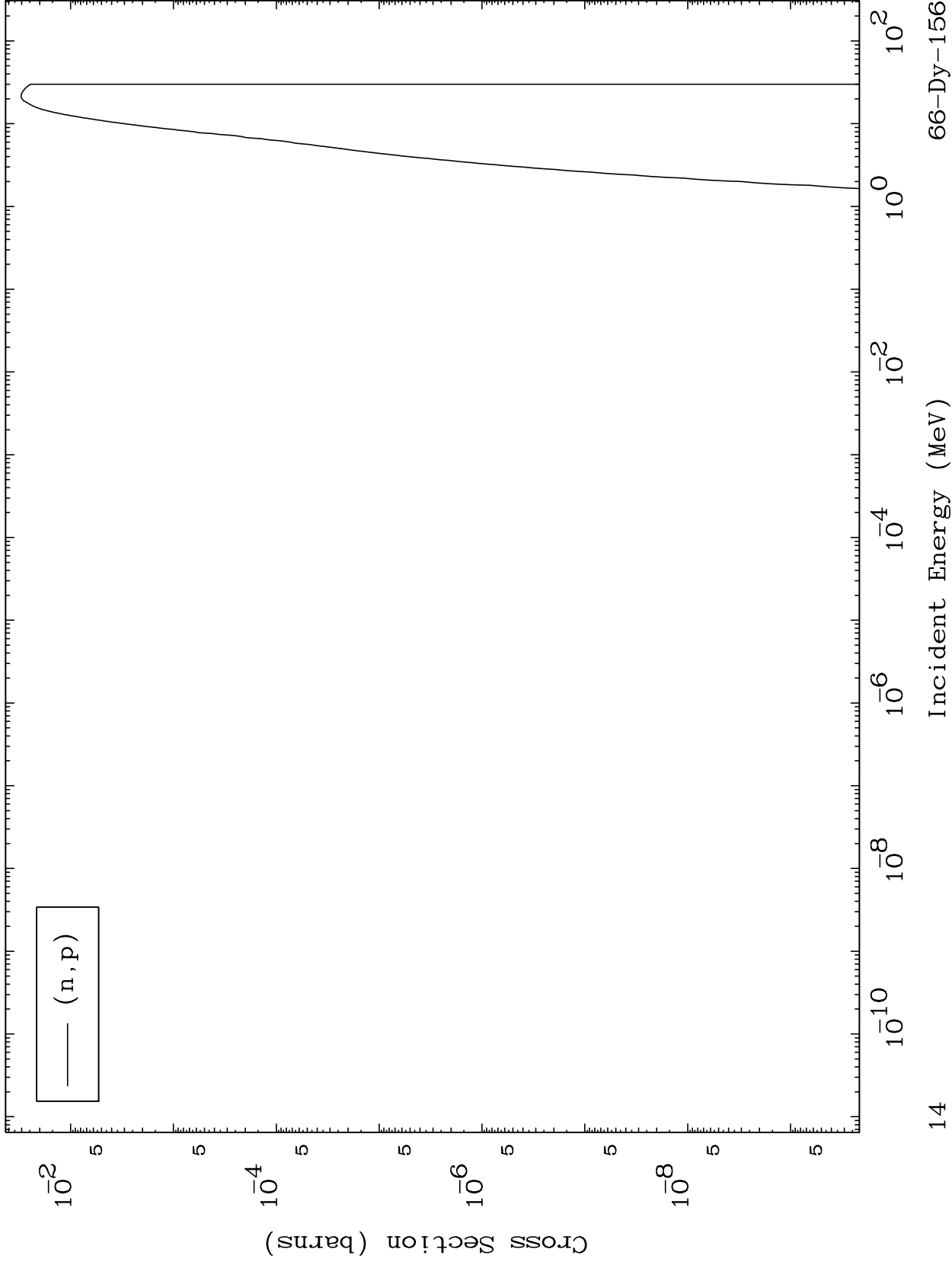




MAT 6625

(n,p) Levels
293 Kelvin Cross Sections

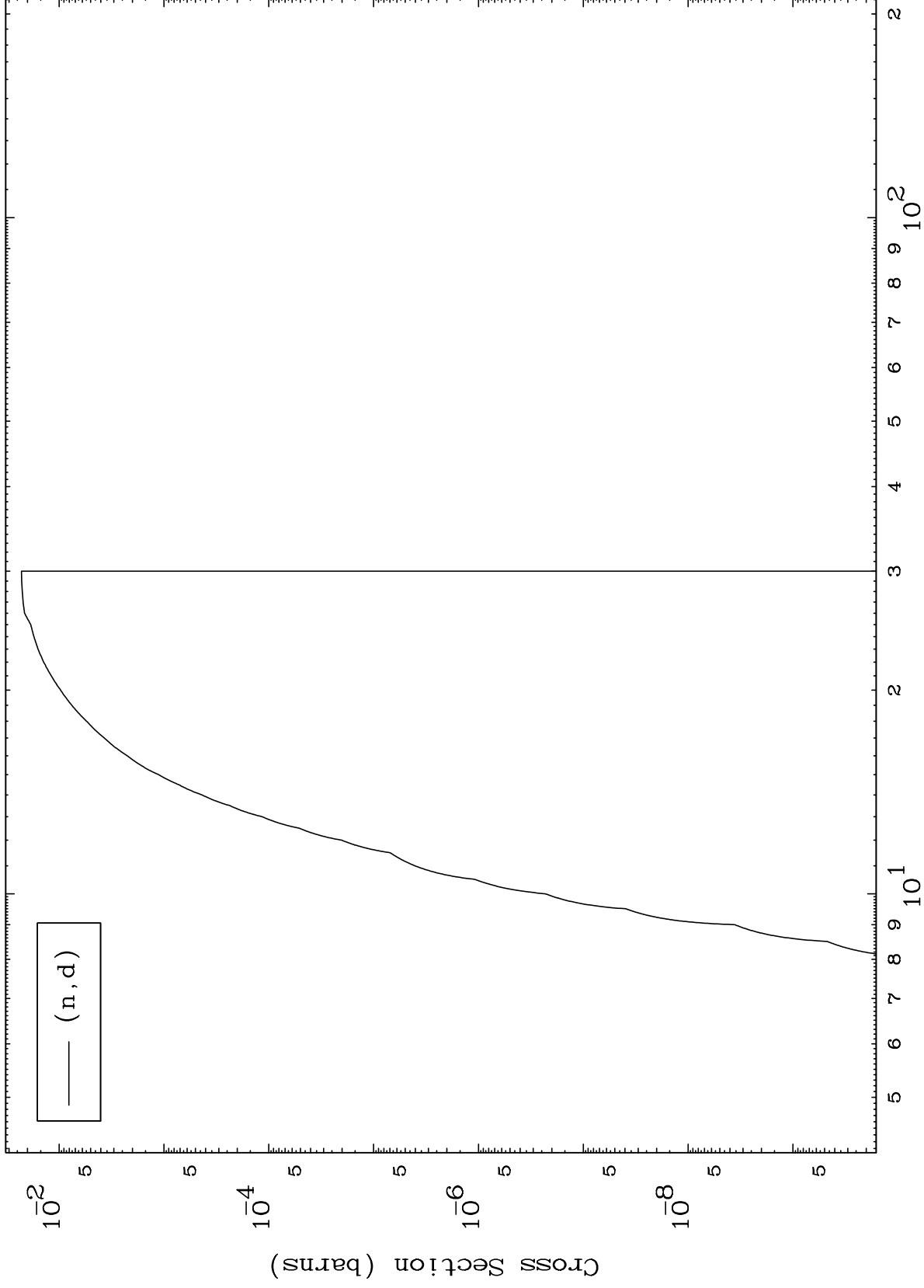
66-Dy-156



MAT 6625

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-156



15

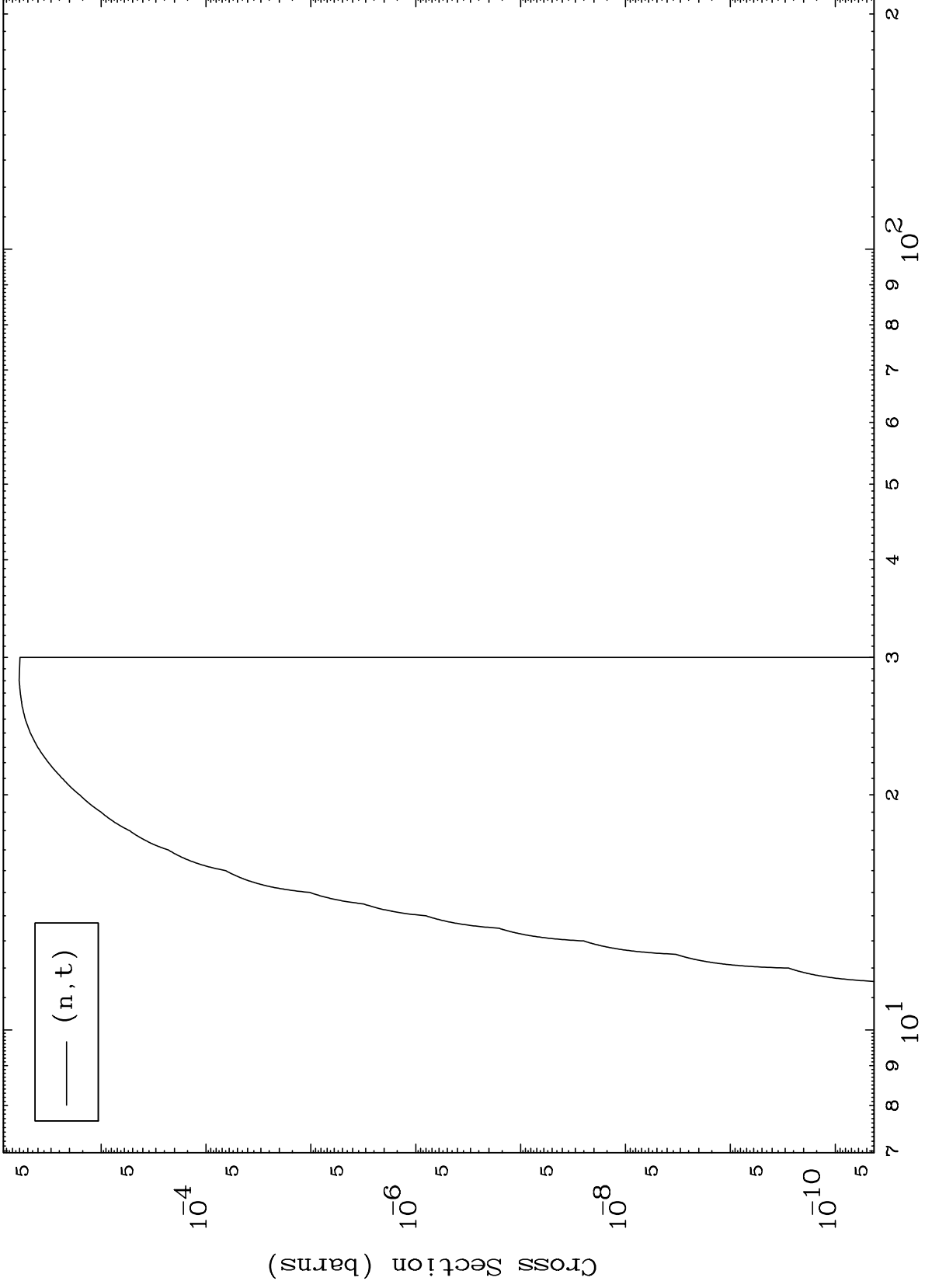
Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-156



16

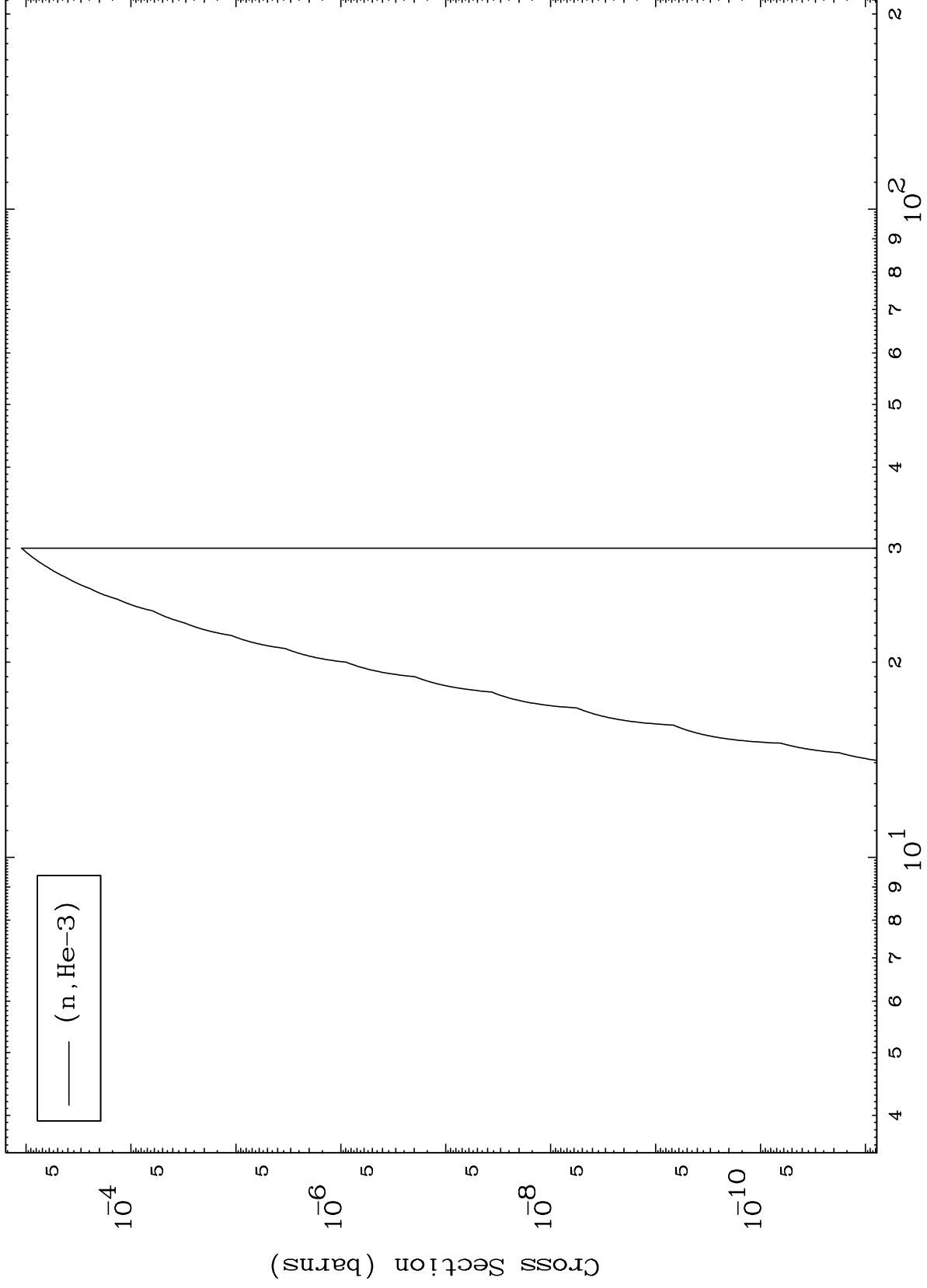
Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-156



17

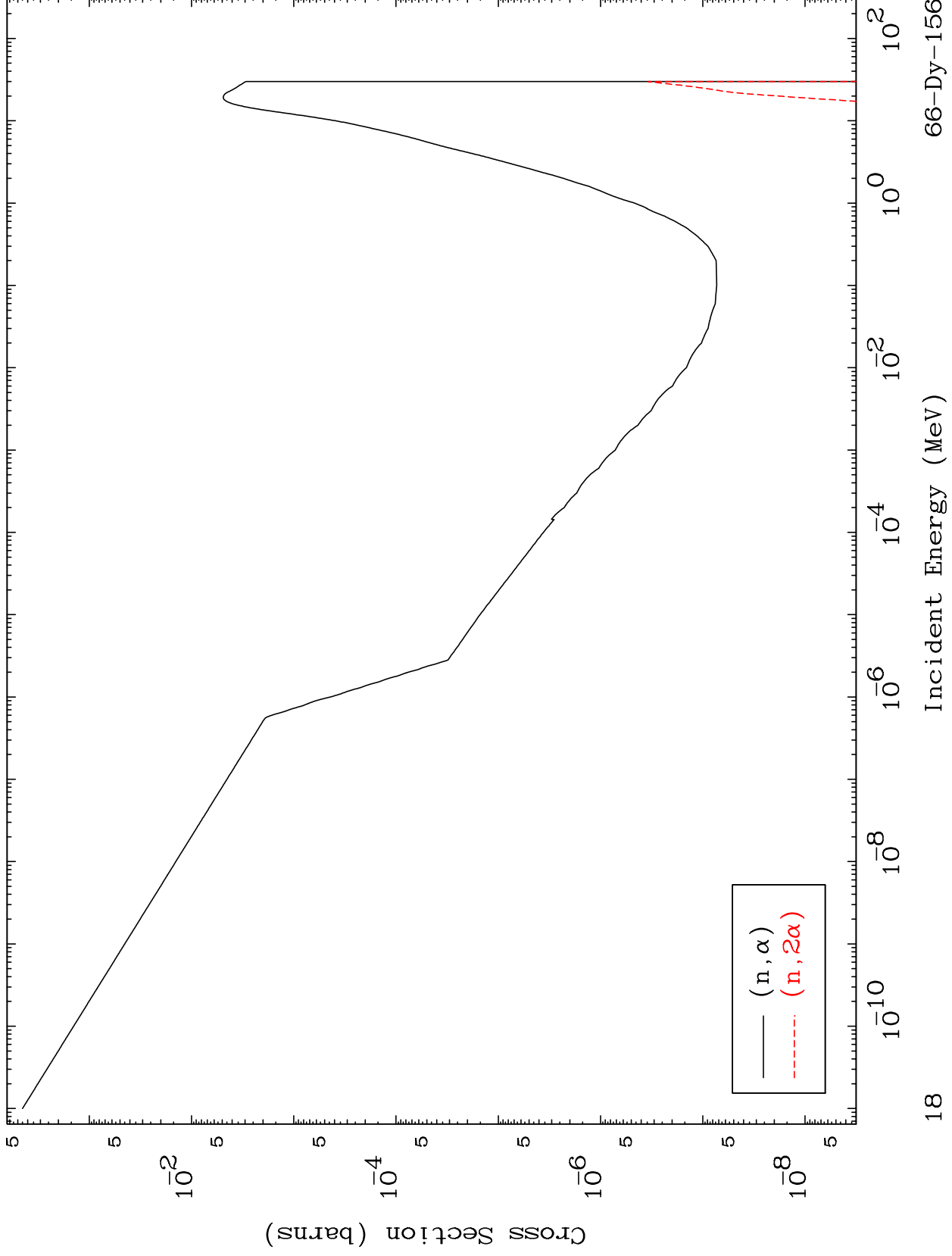
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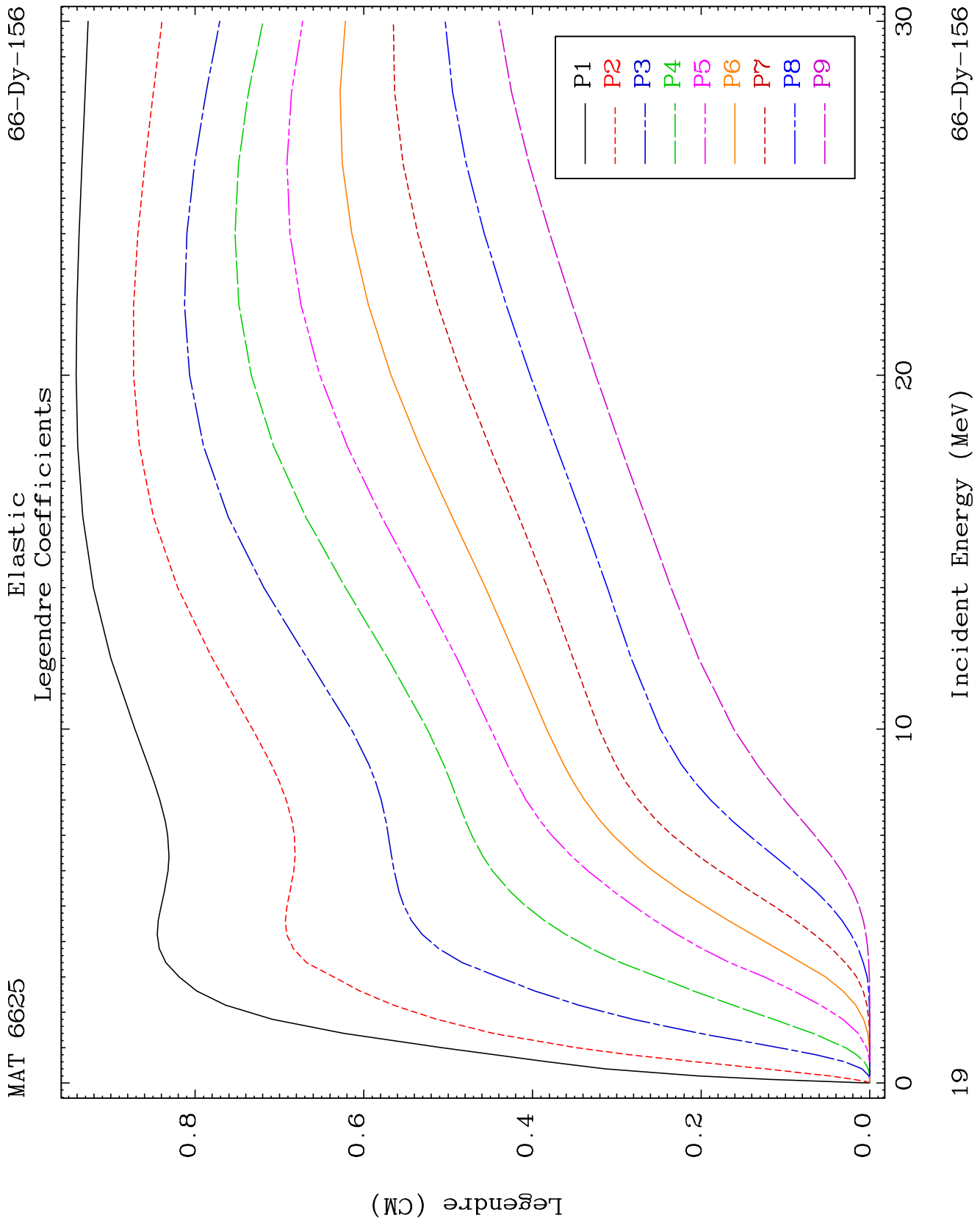
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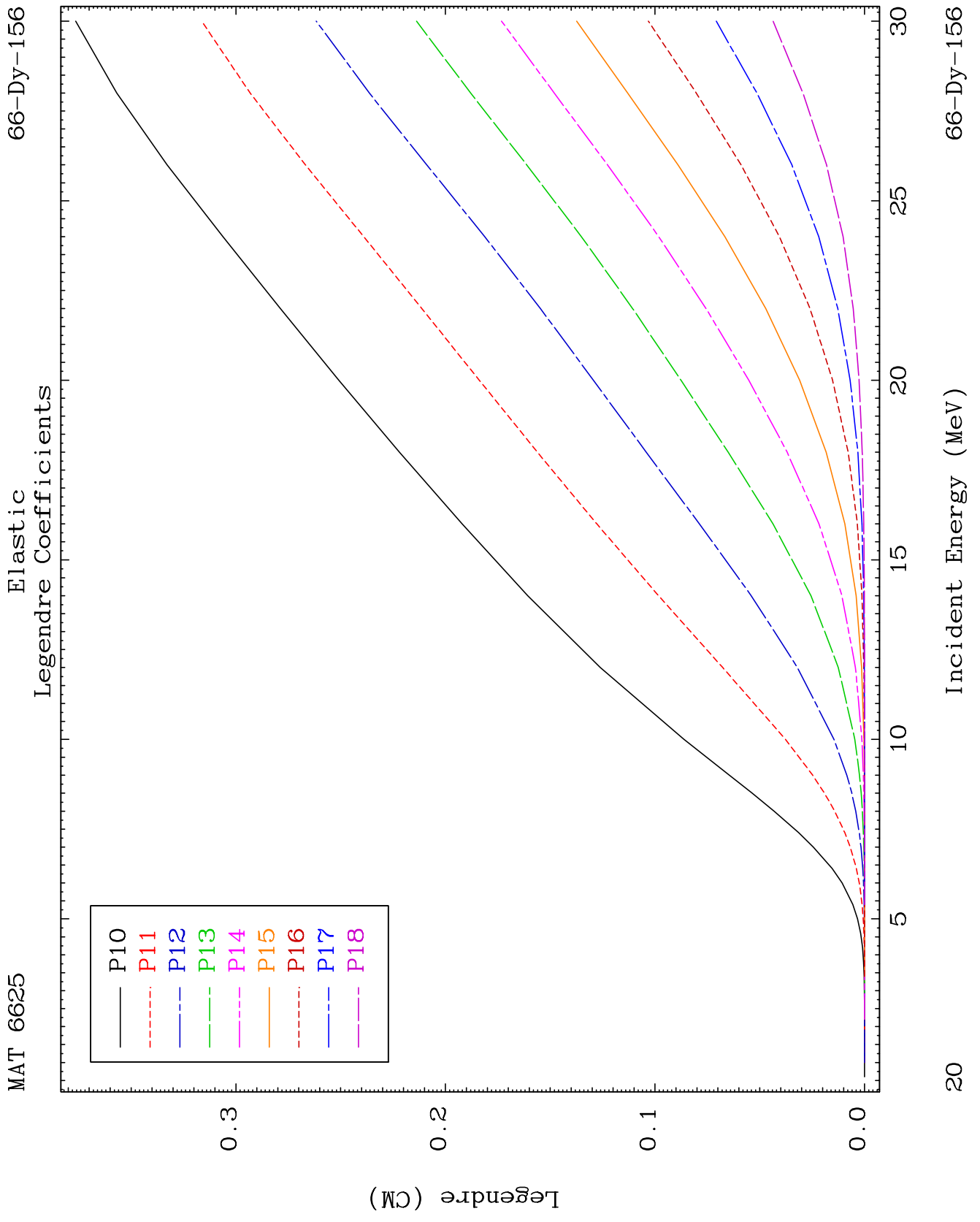
MAT 6625

(n,α) Levels
293 Kelvin Cross Sections

66-Dy-156



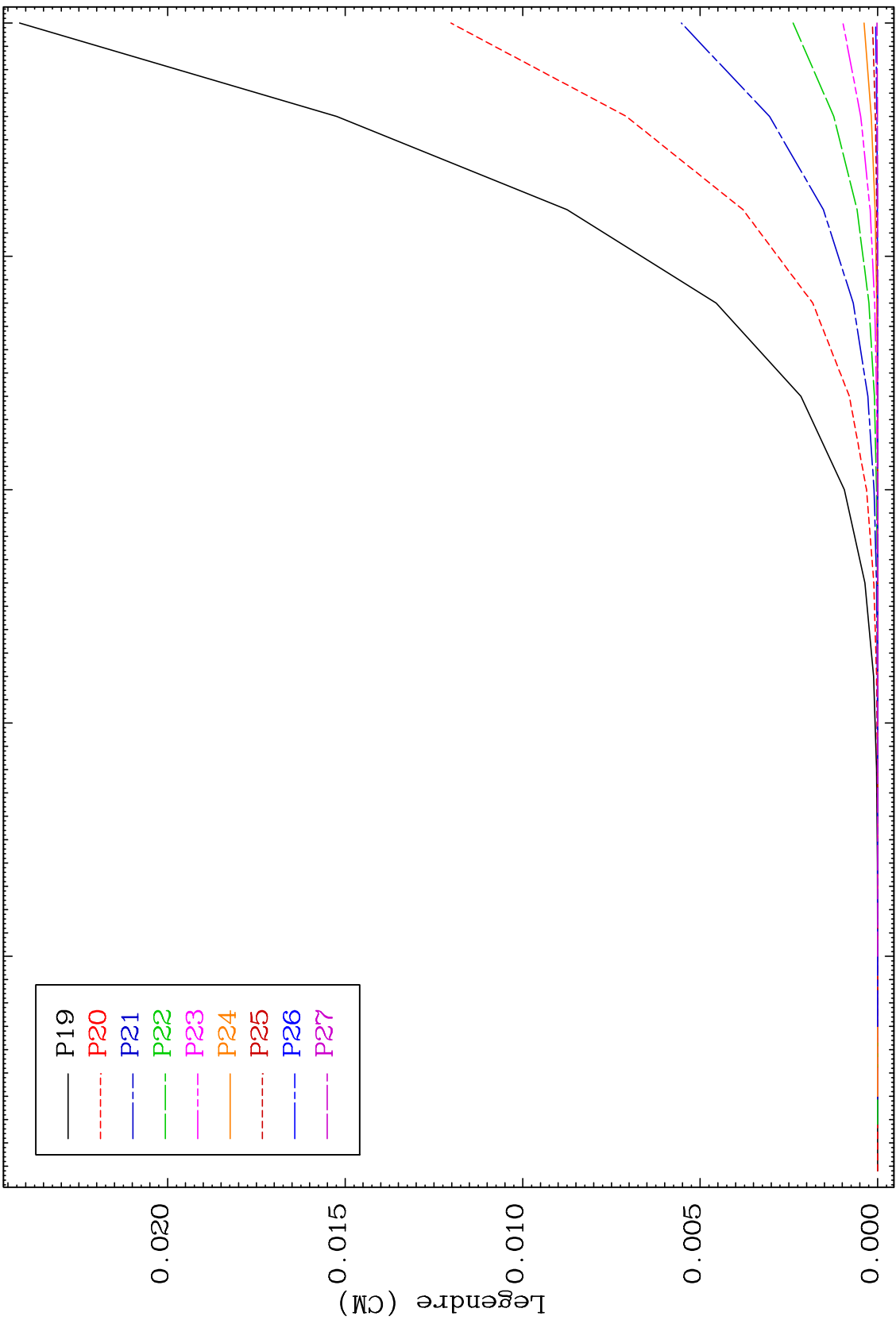




MAT 6625

Elastic Legendre Coefficients

66-Dy-156



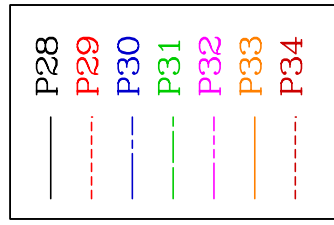
66-Dy-156

Incident Energy (MeV)

MAT 6625

Elastic Legendre Coefficients

66-Dy-156



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

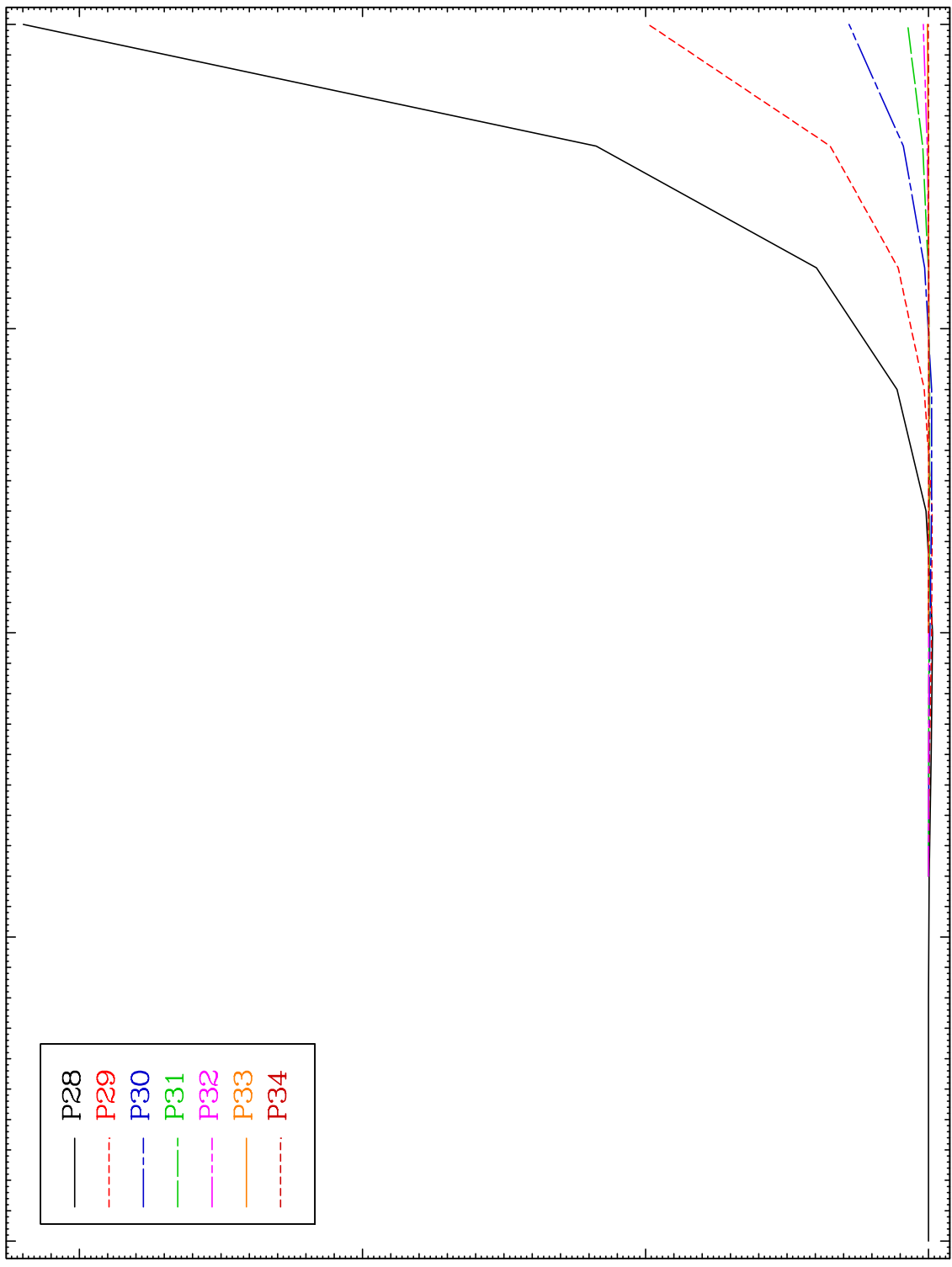
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30

22

Incident Energy (MeV)

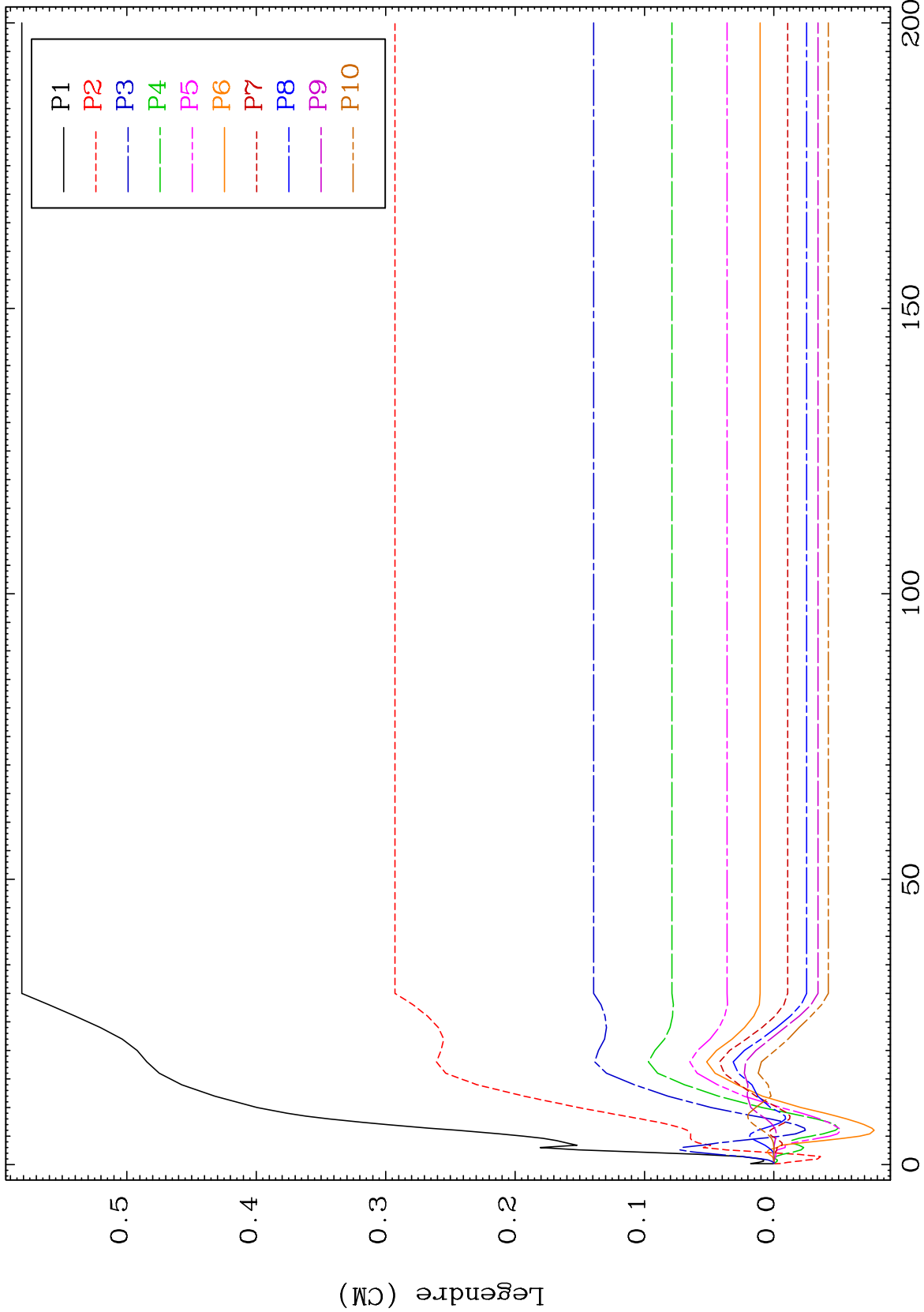
66-Dy-156



MAT 6625

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

66-Dy-156



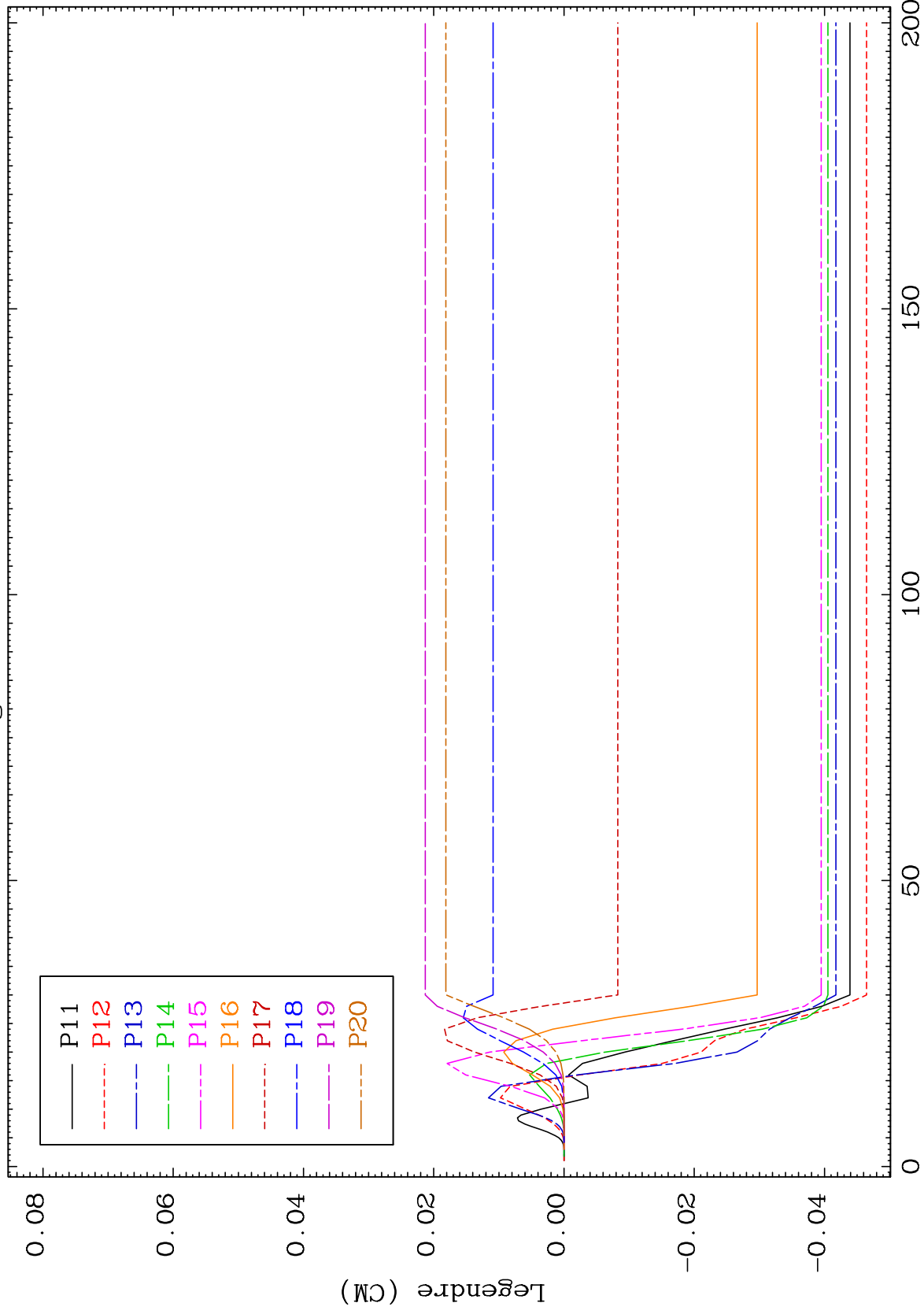
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66-Dy-156

MAT 6625

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

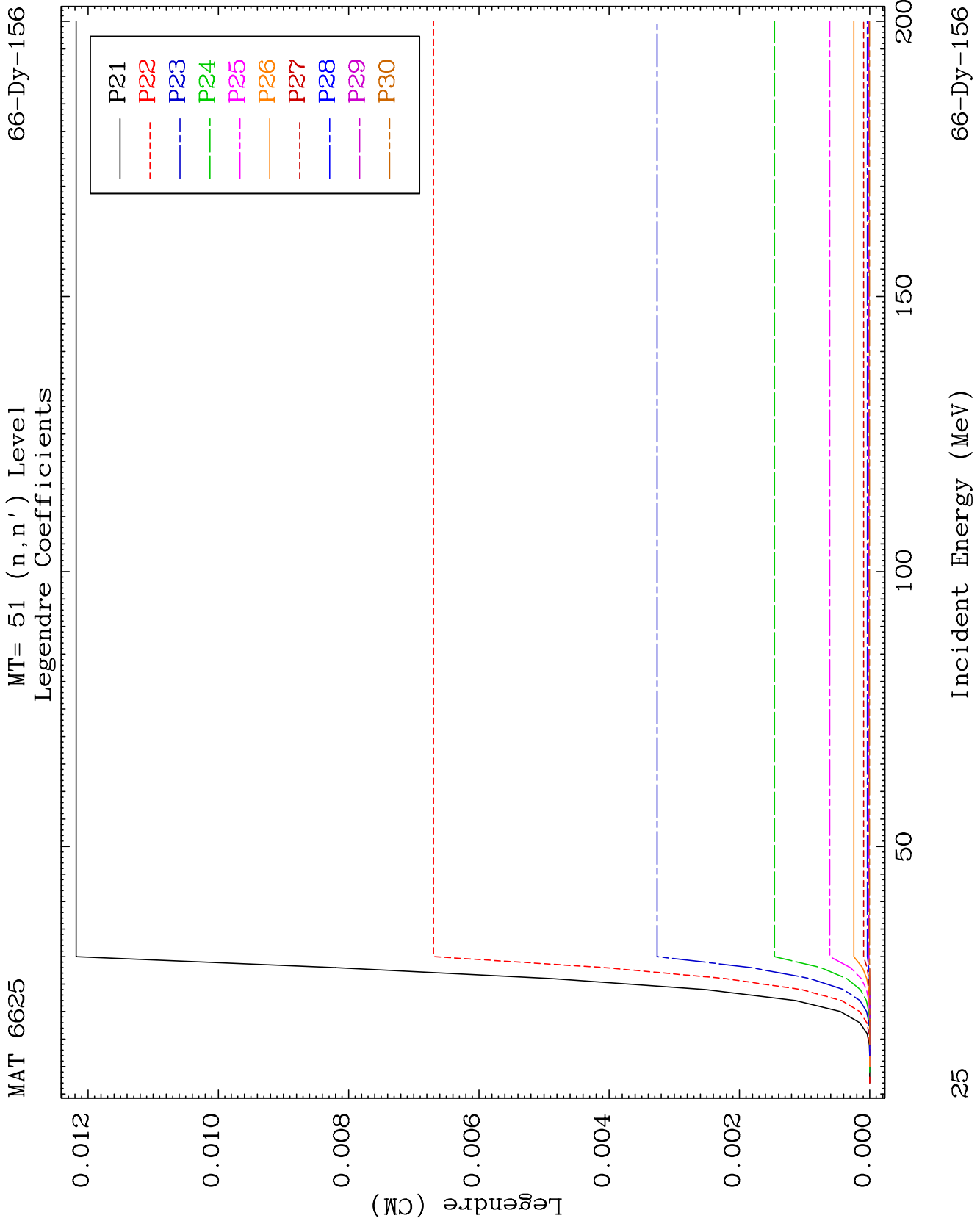
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24

Incident Energy (MeV)

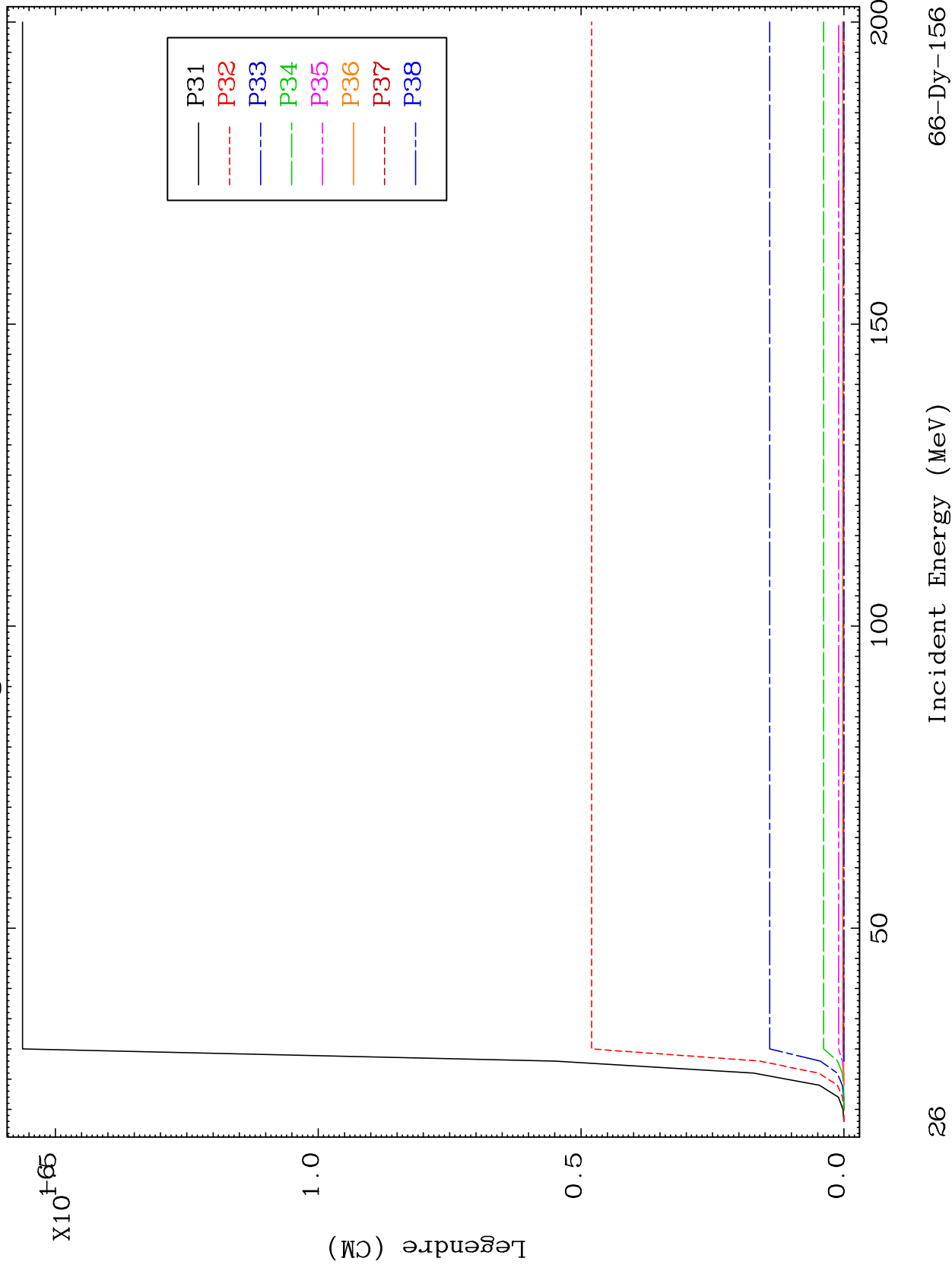
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MAT 6625

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

66-Dy-156



26

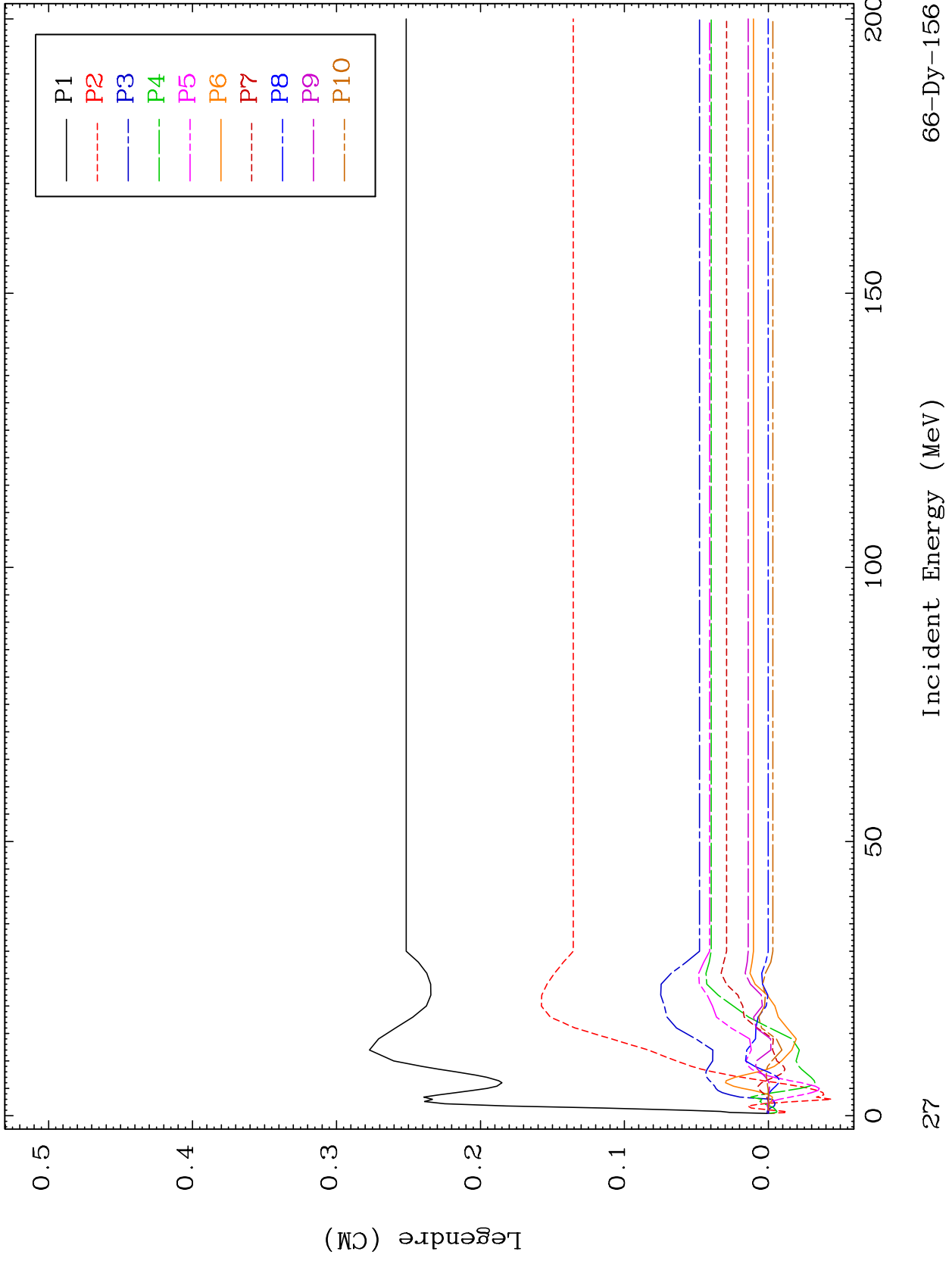
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

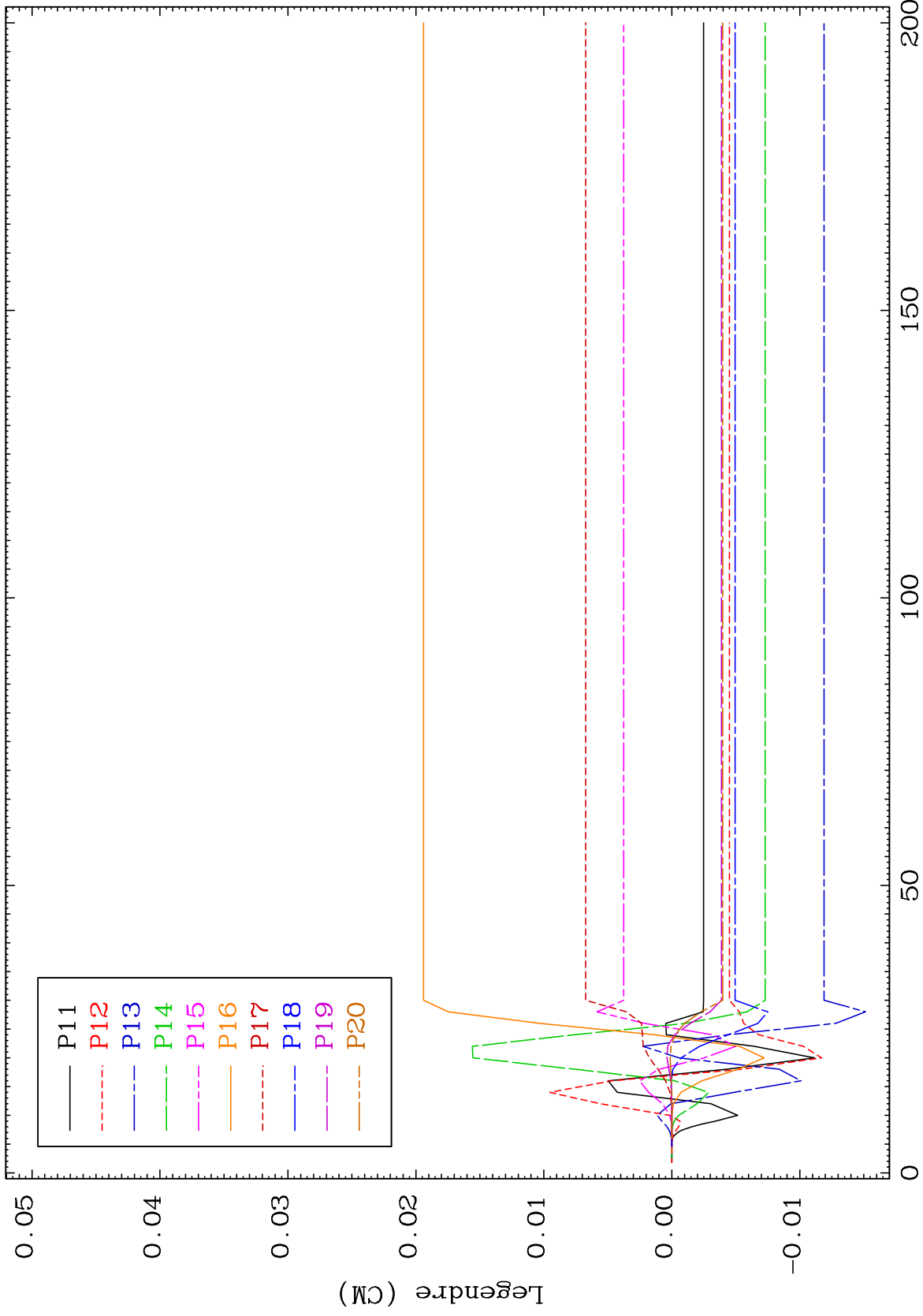
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MAT 6625

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

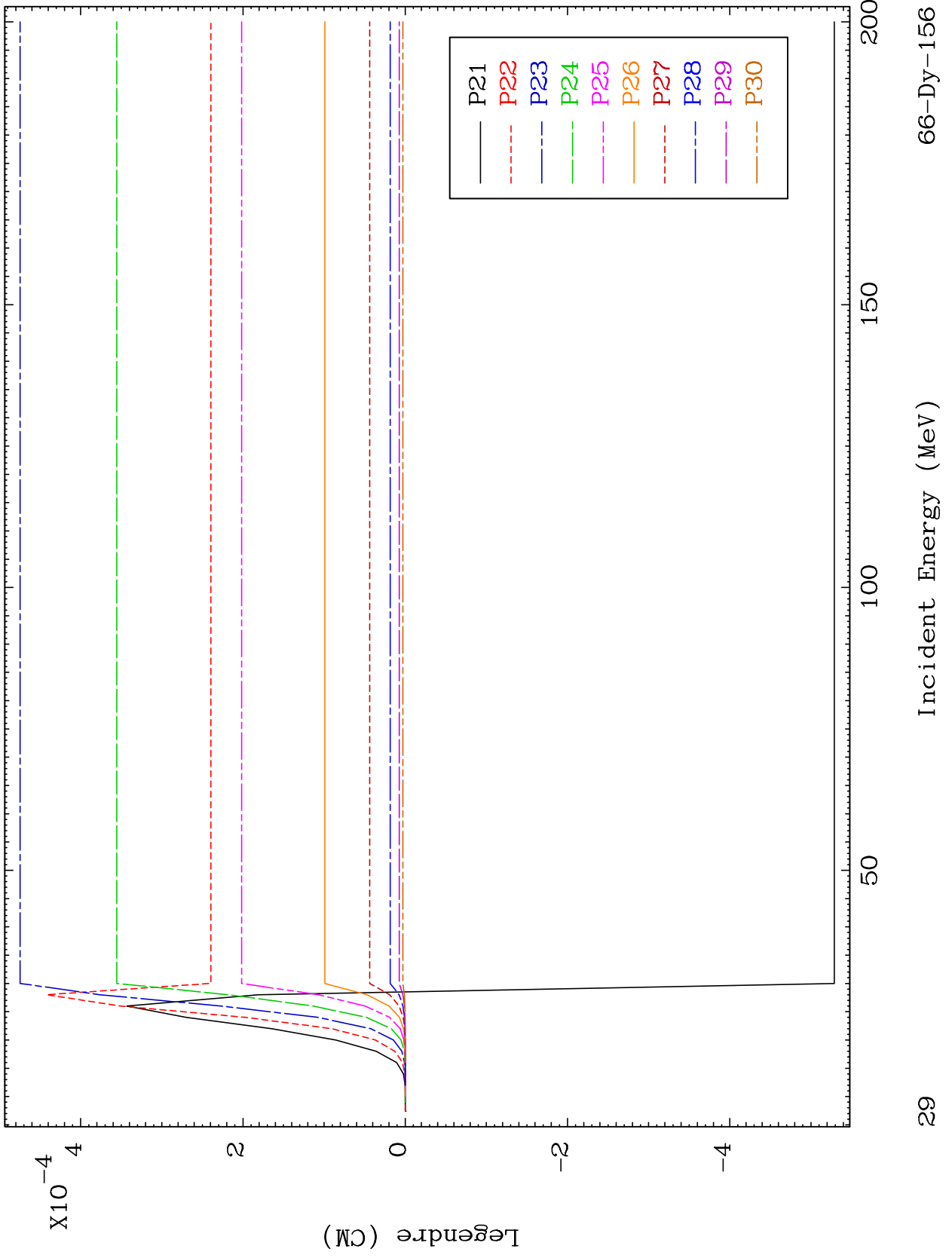
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28

Incident Energy (MeV)

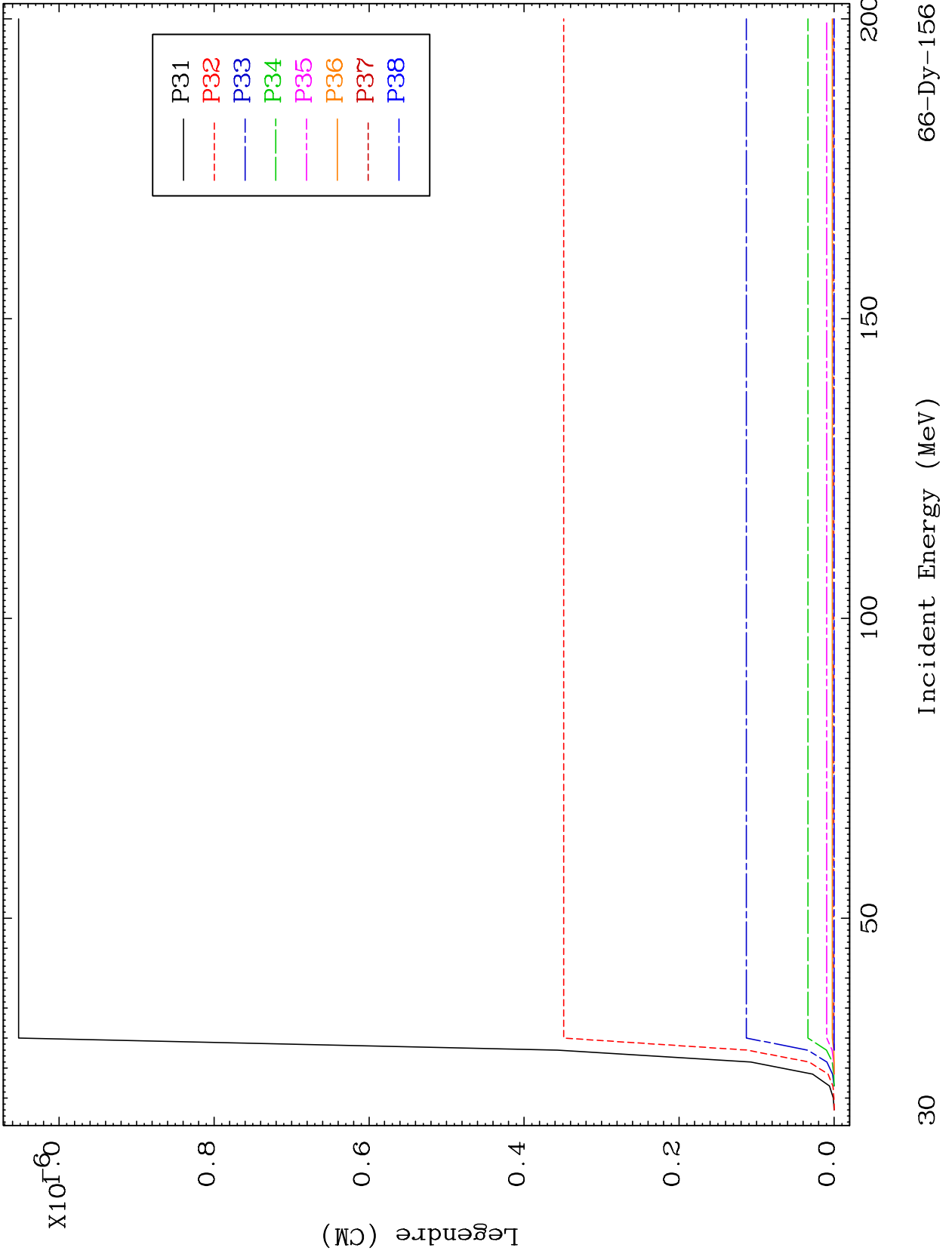
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MAT 6625

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

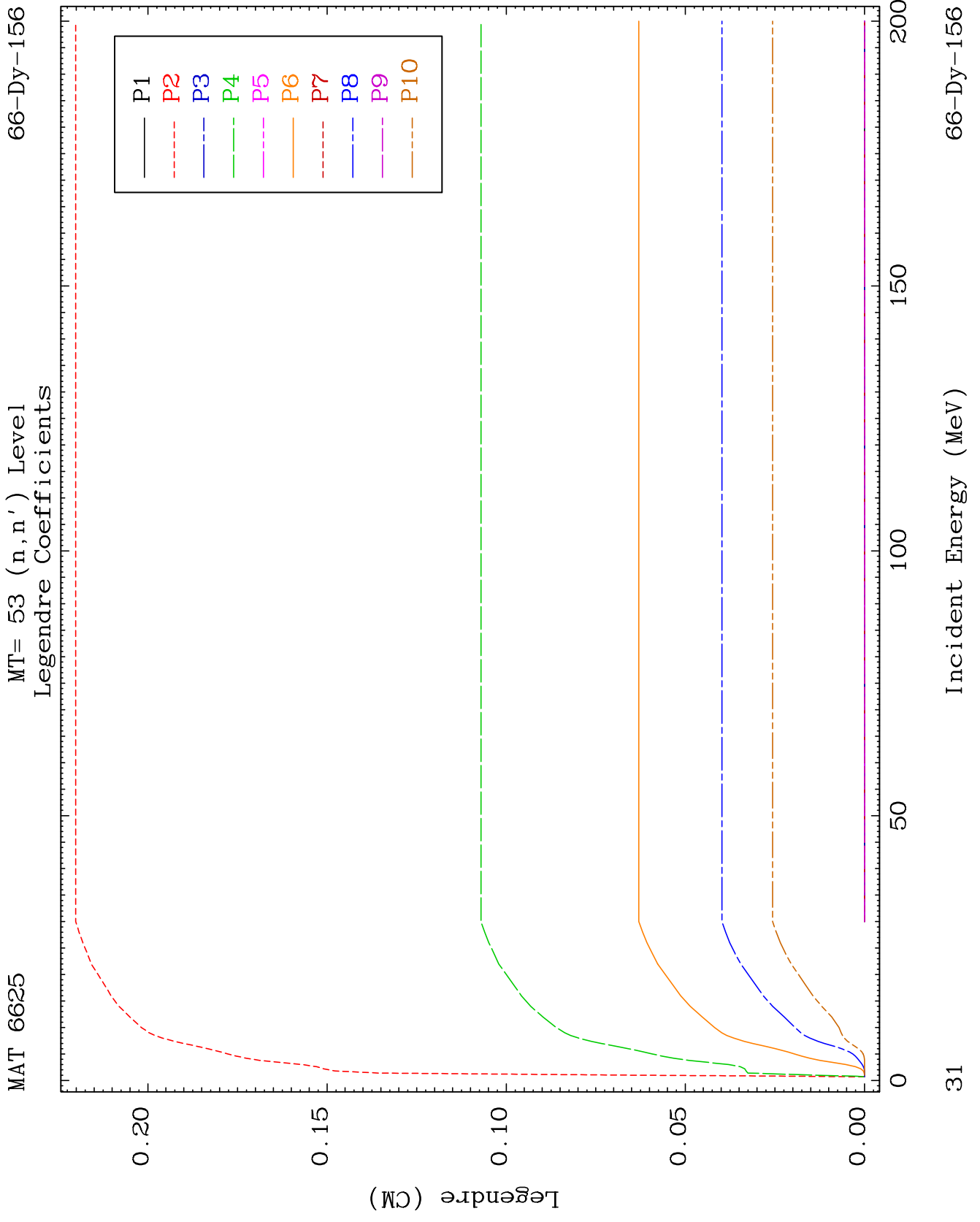
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66-Dy-156

Incident Energy (MeV)

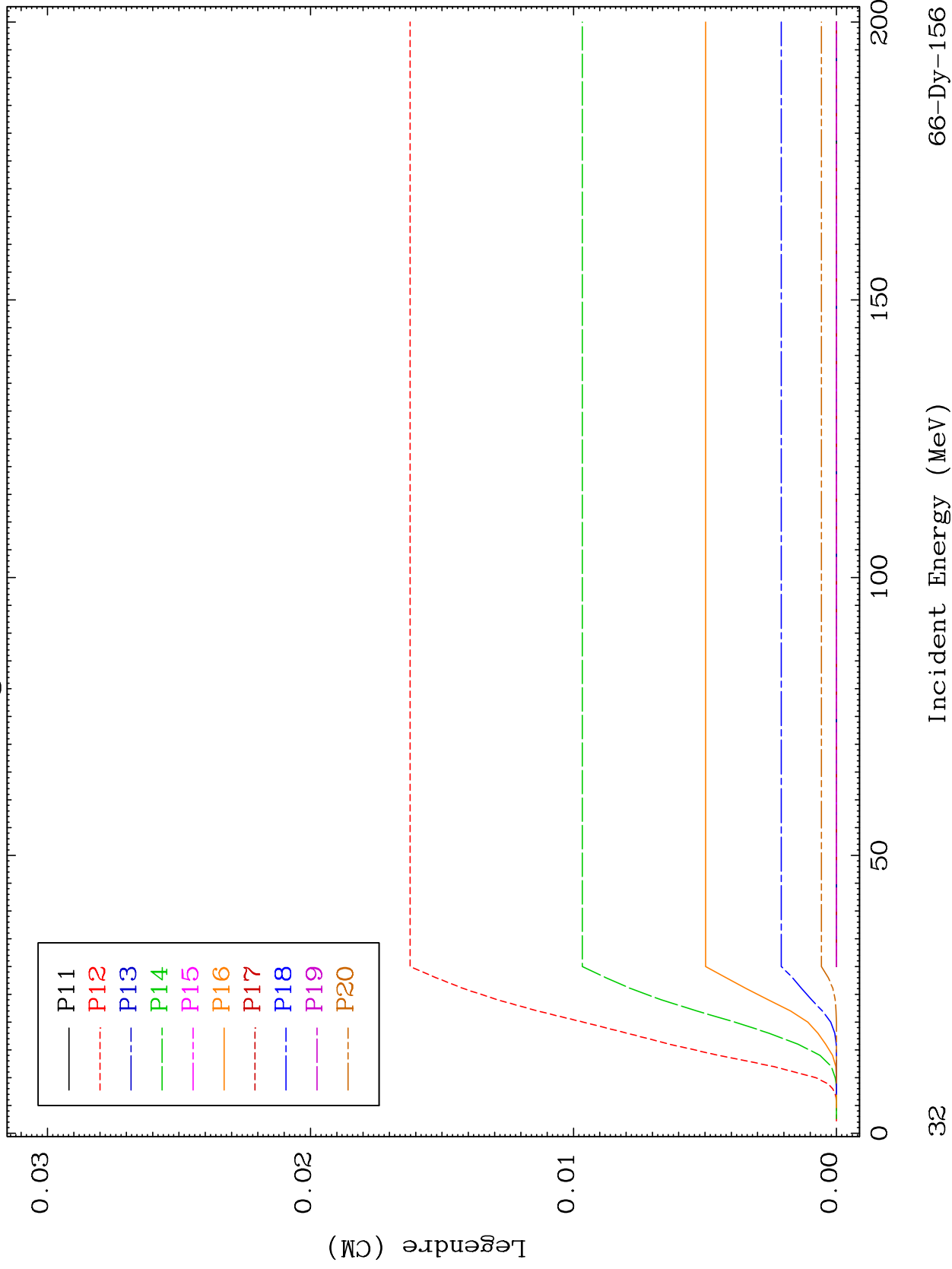
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MAT 6625

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

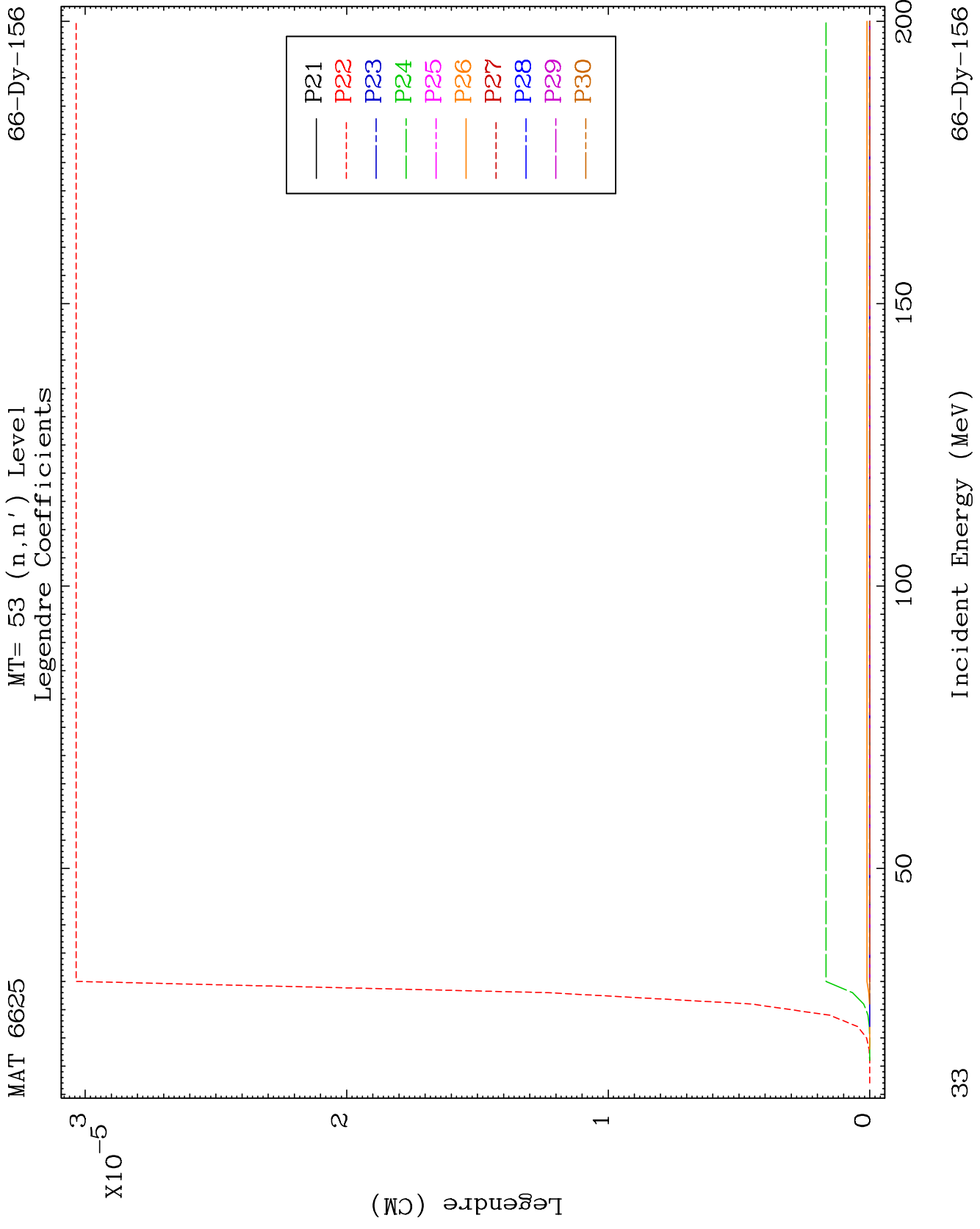
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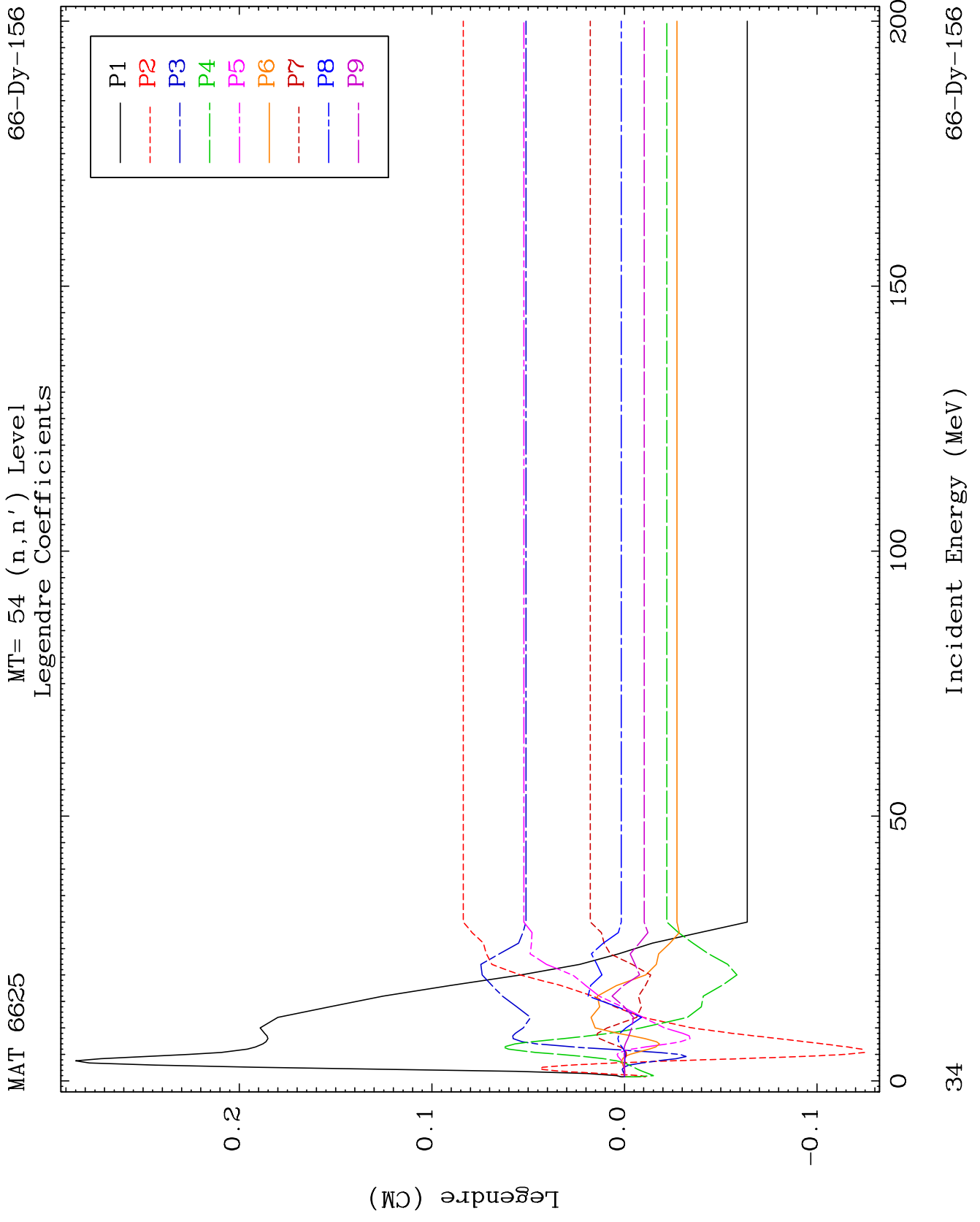


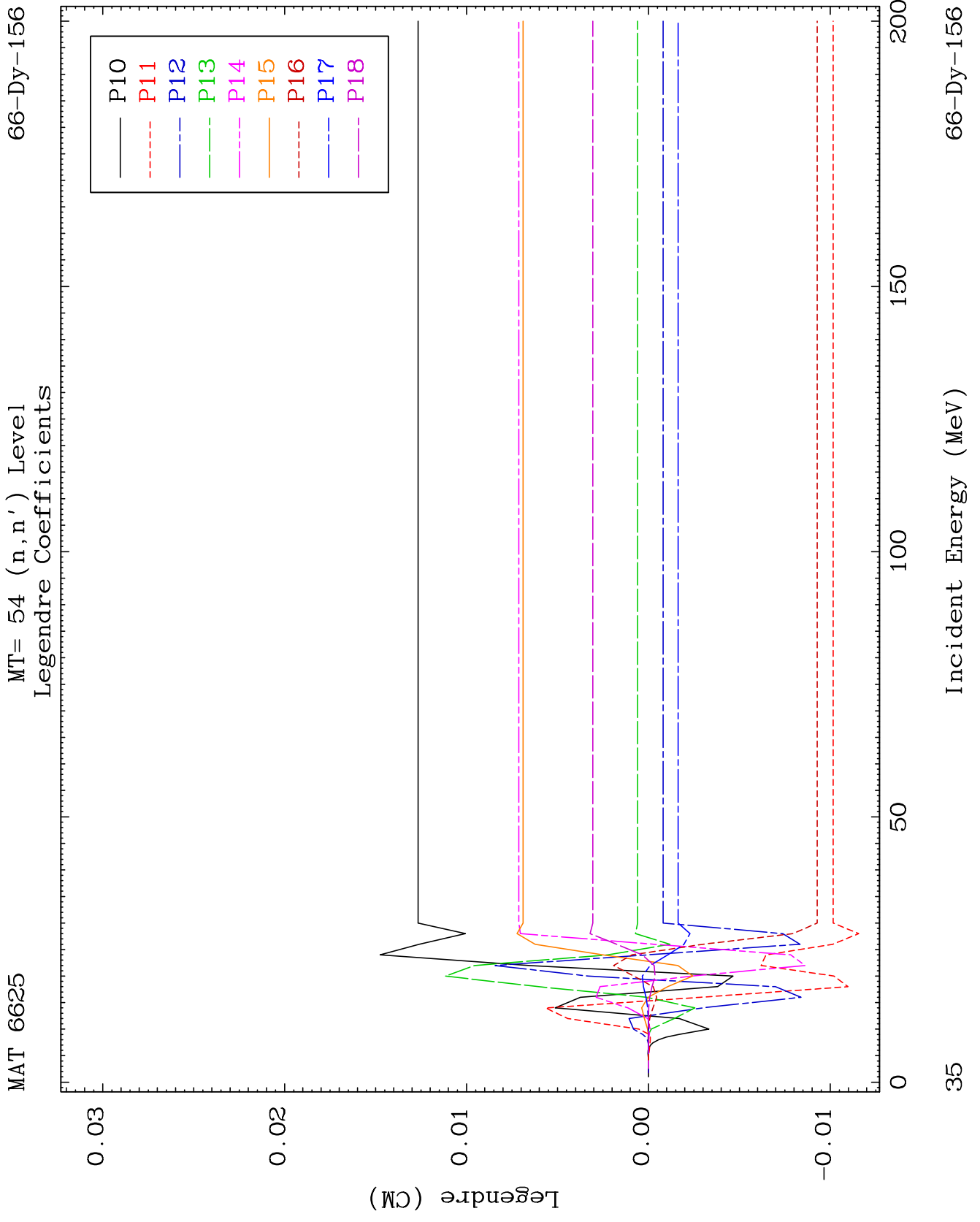
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Incident Energy (MeV)

32



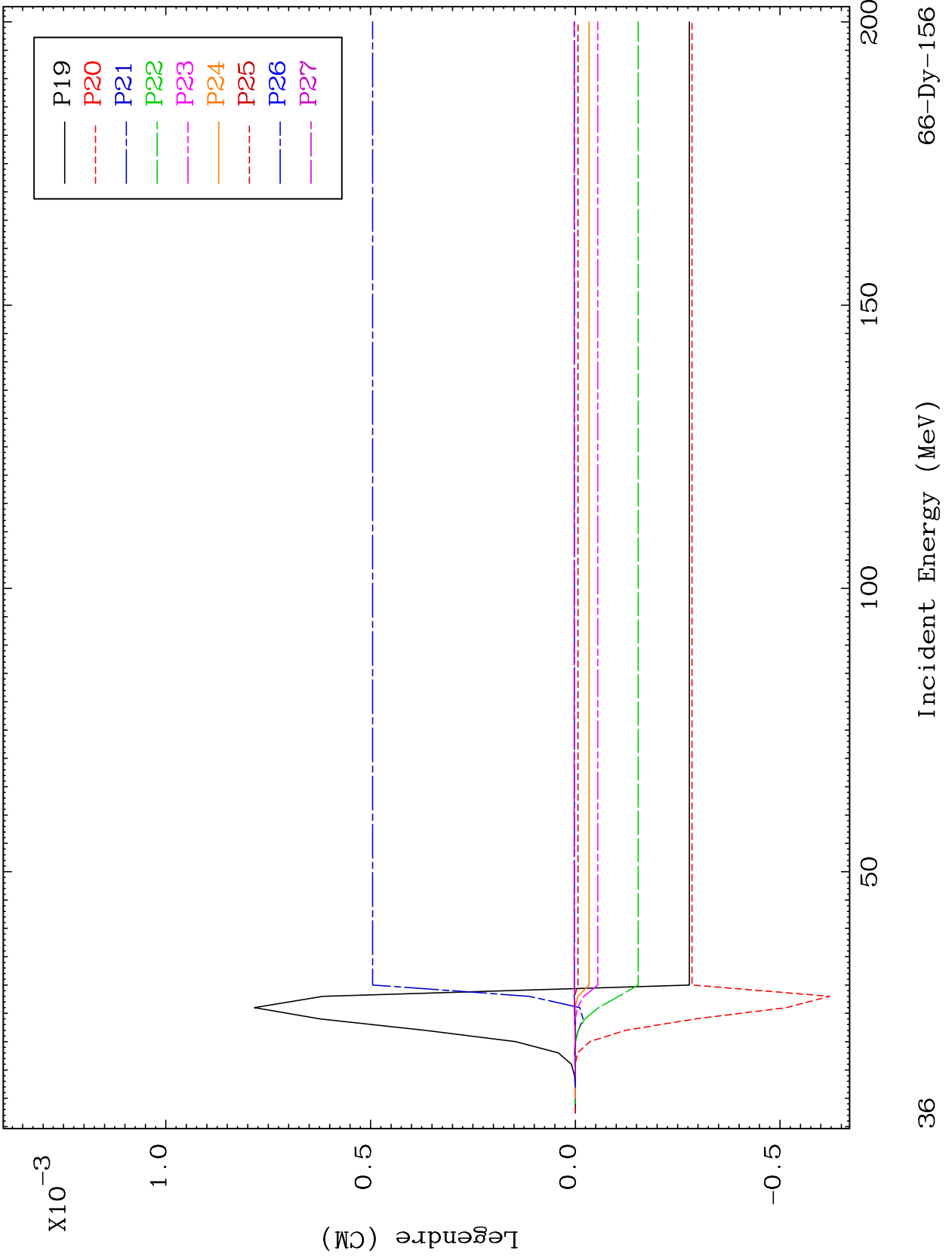




MAT 6625

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

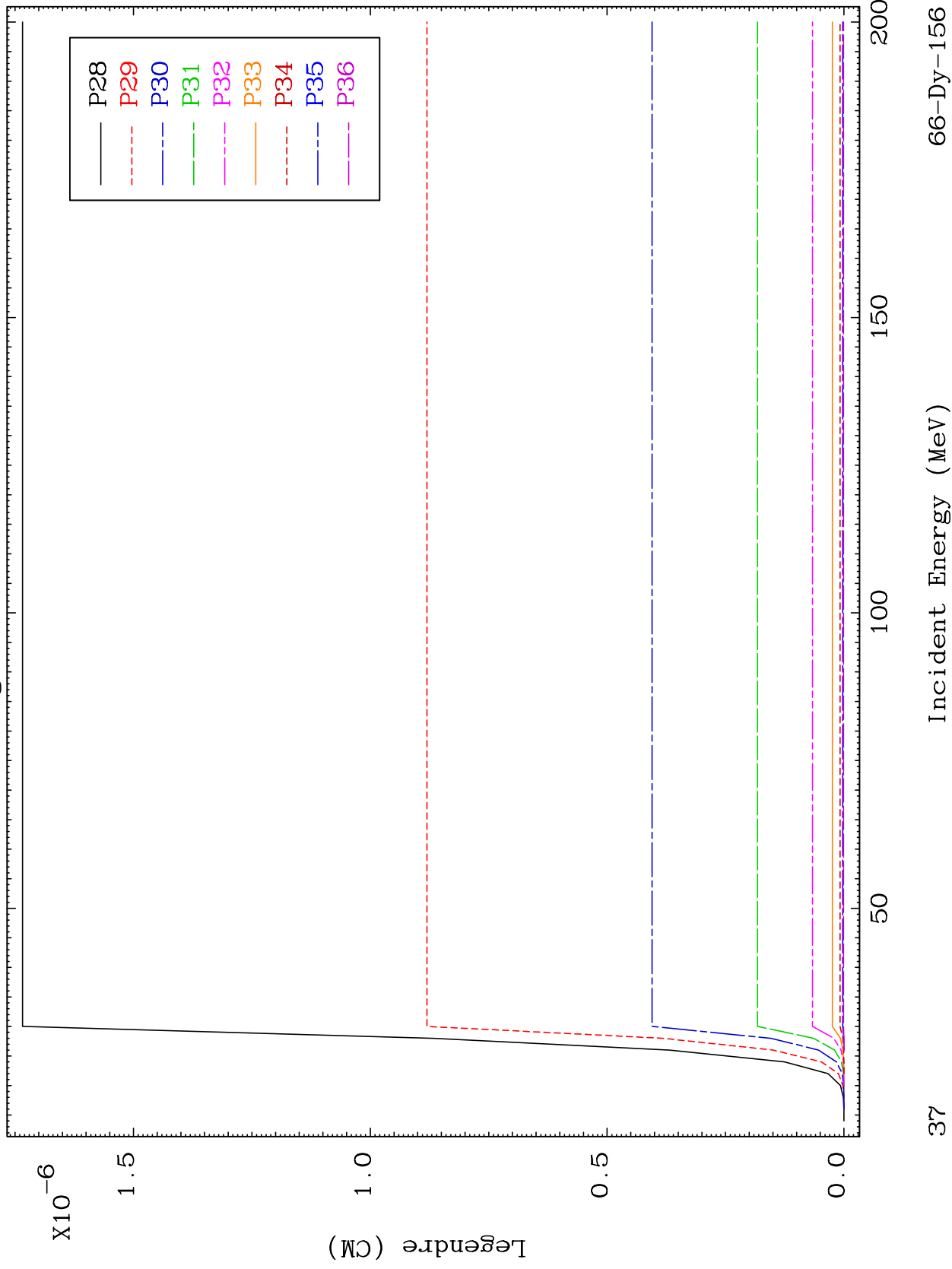
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MAT 6625

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

66-Dy-156



37

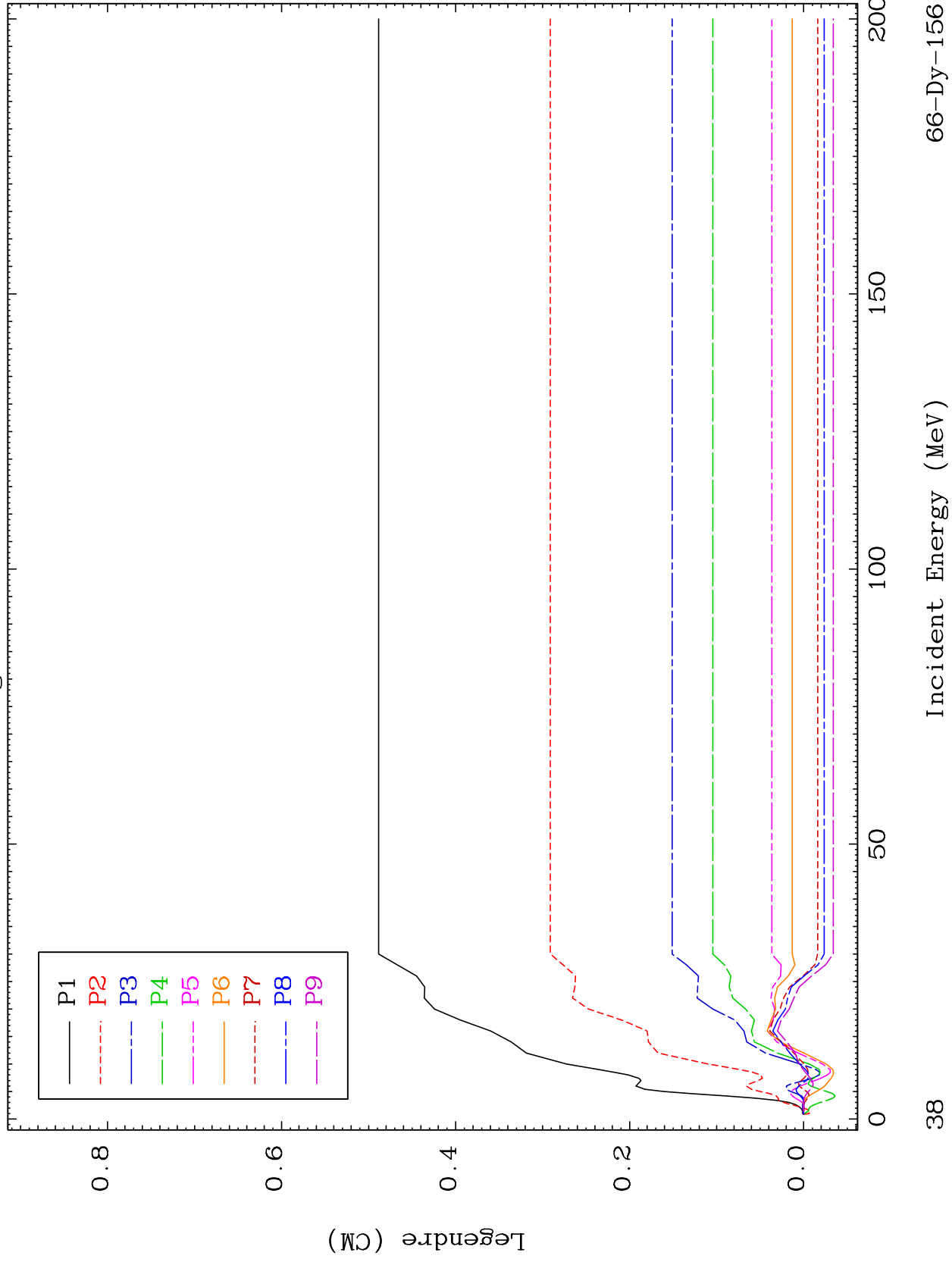
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

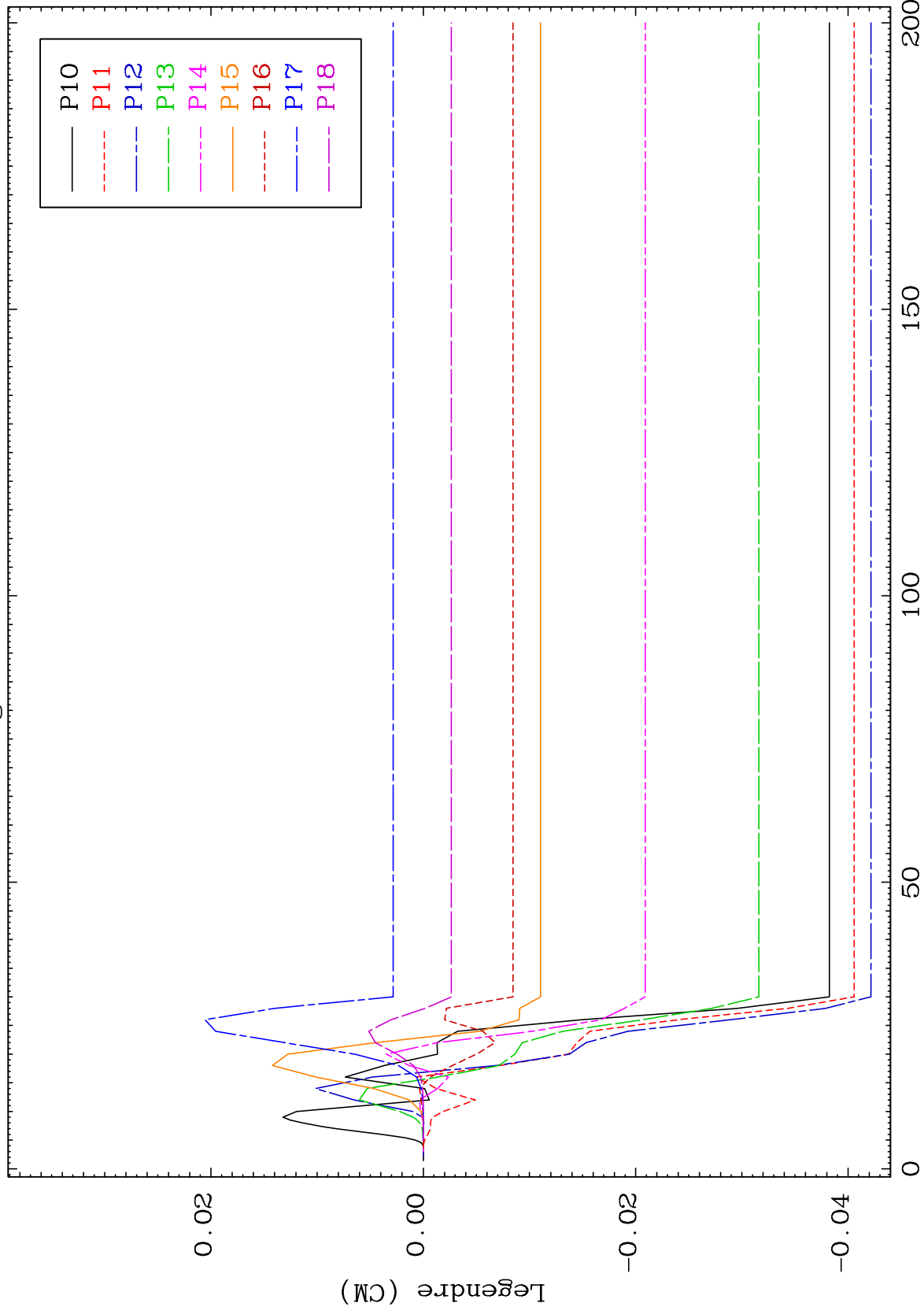
Incident Energy (MeV)

38

MAT 6625

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

66-Dy-156



39

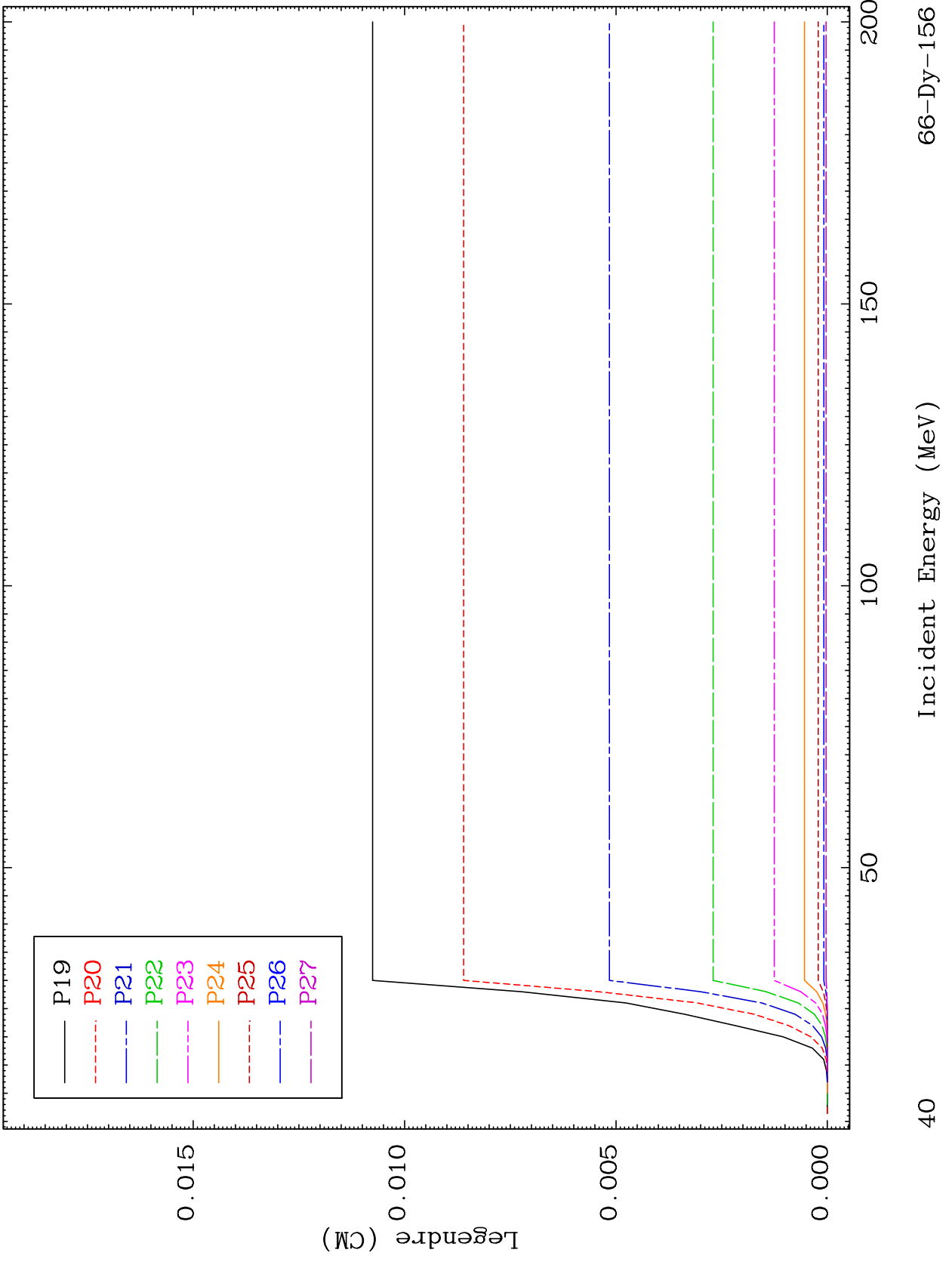
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

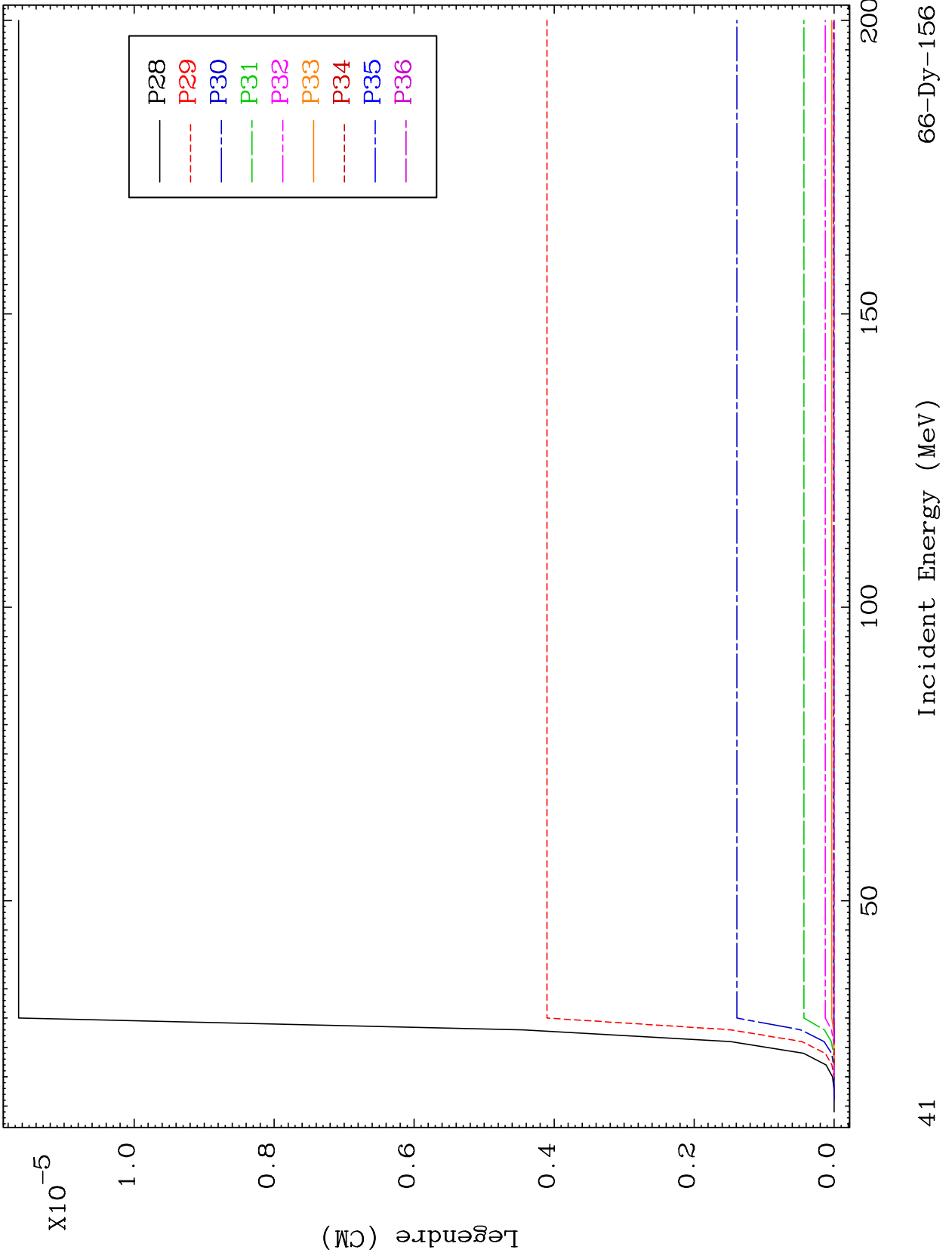
Incident Energy (MeV)

40

MAT 6625

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

66-Dy-156



41

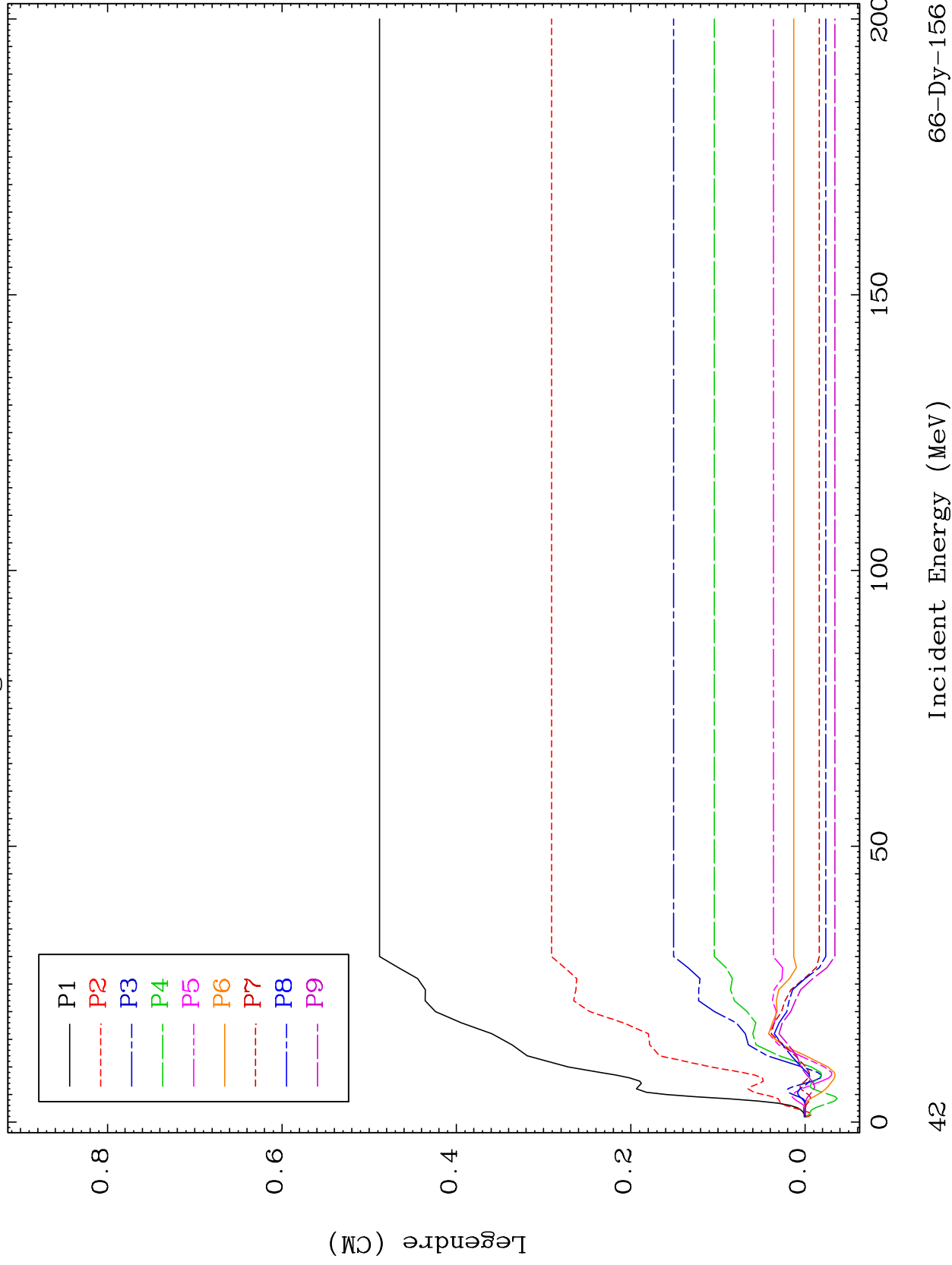
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

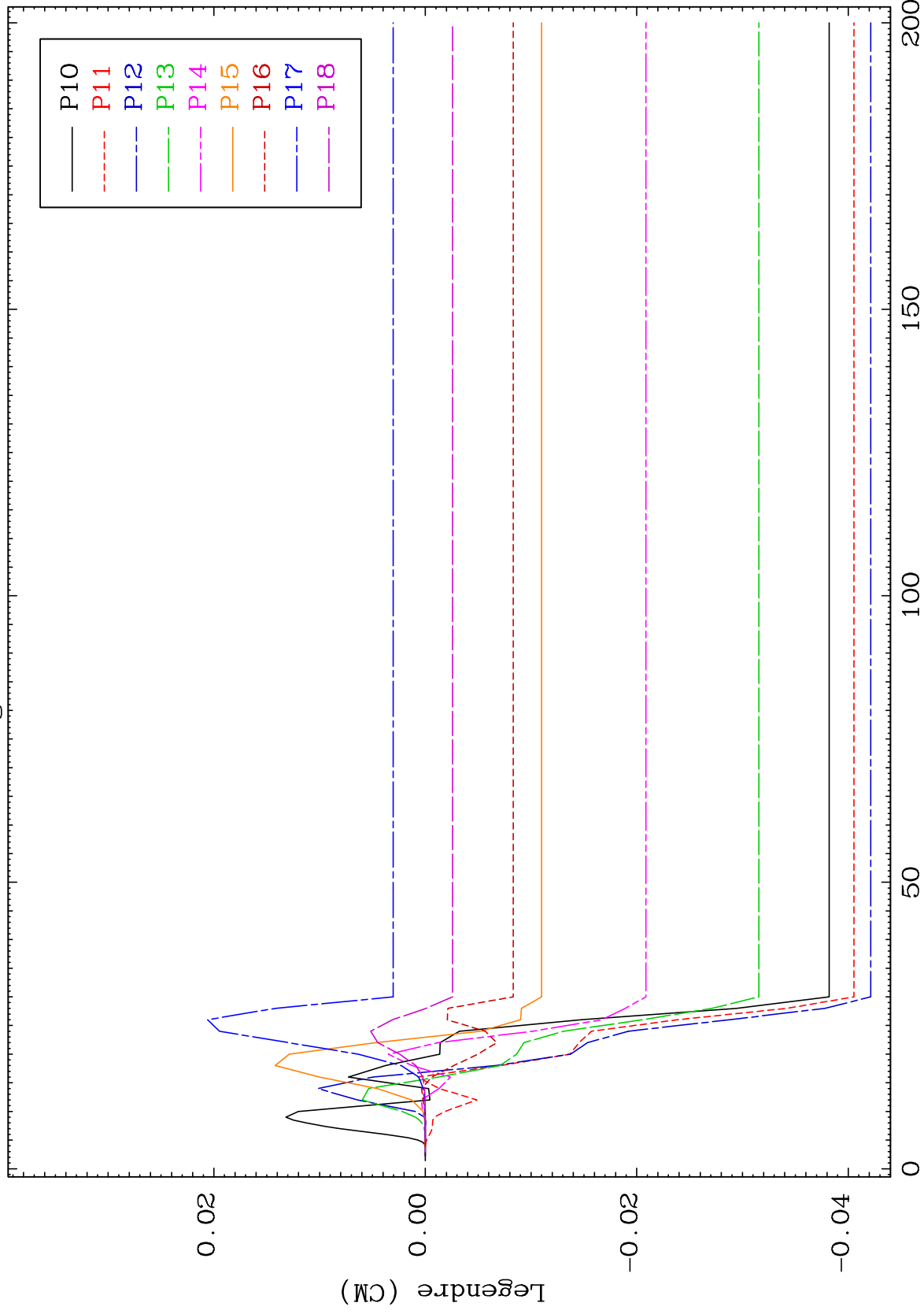
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MAT 6625

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

66-Dy-156



43

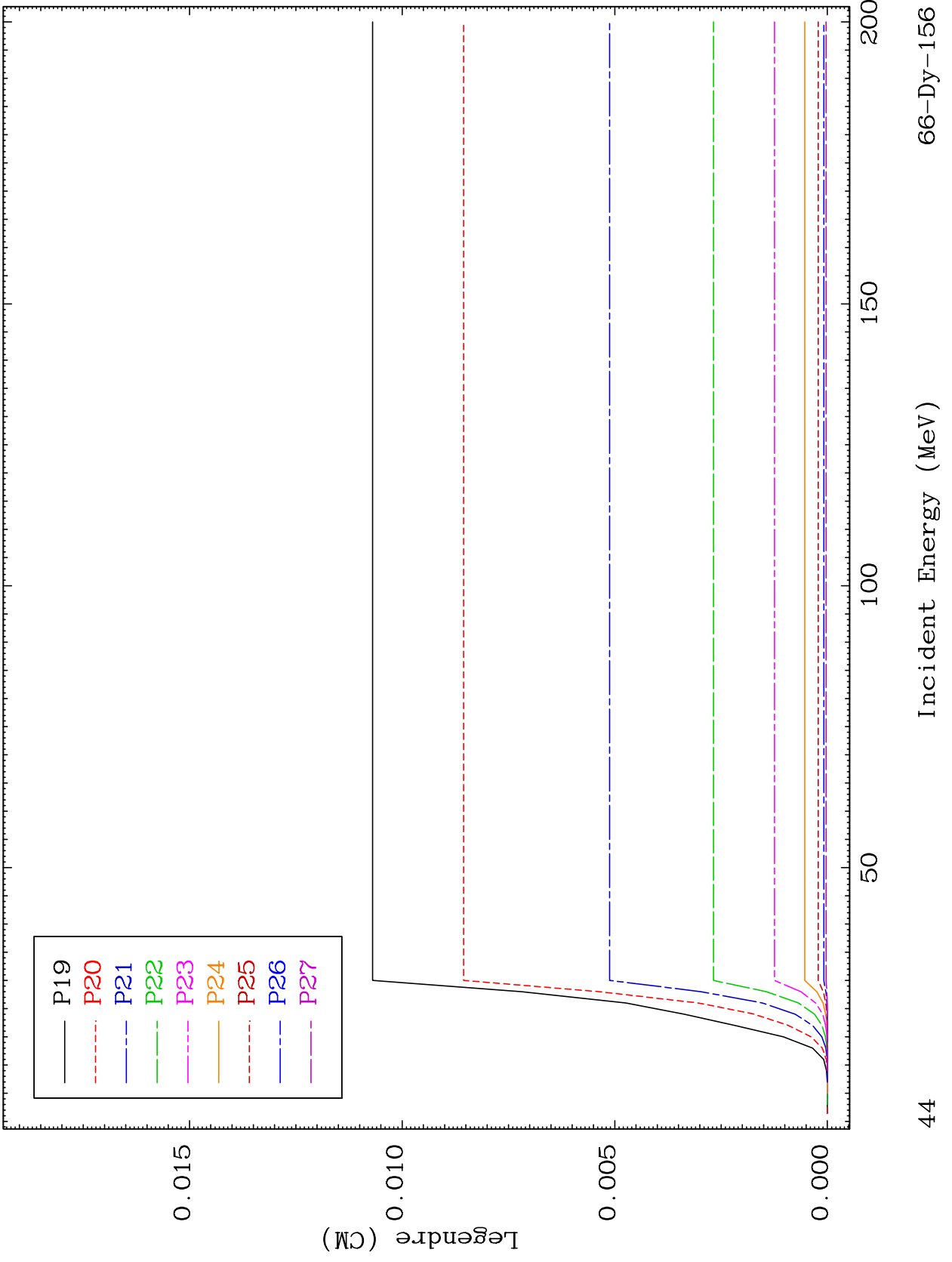
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

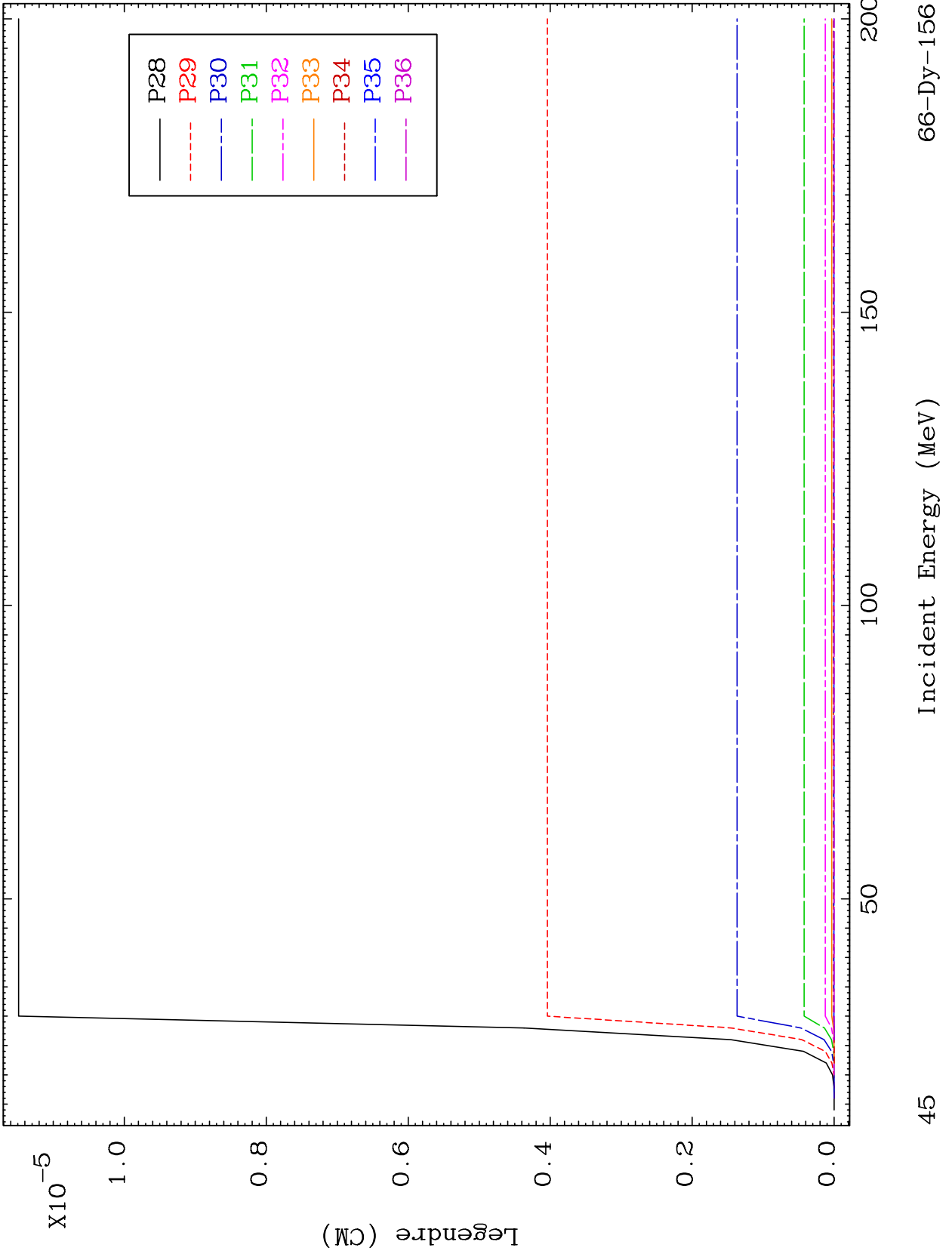
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MAT 6625

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

66-Dy-156



45

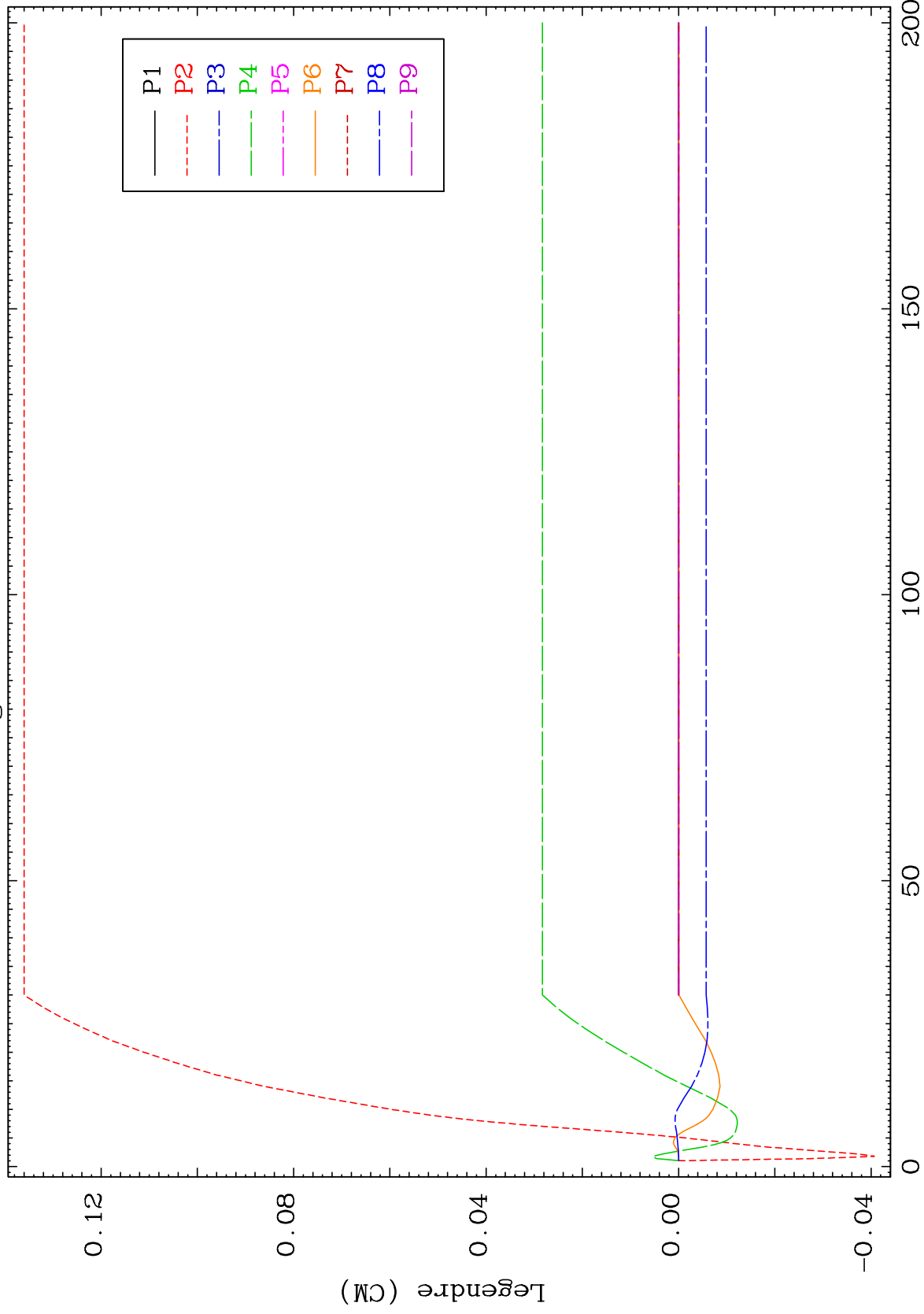
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



46

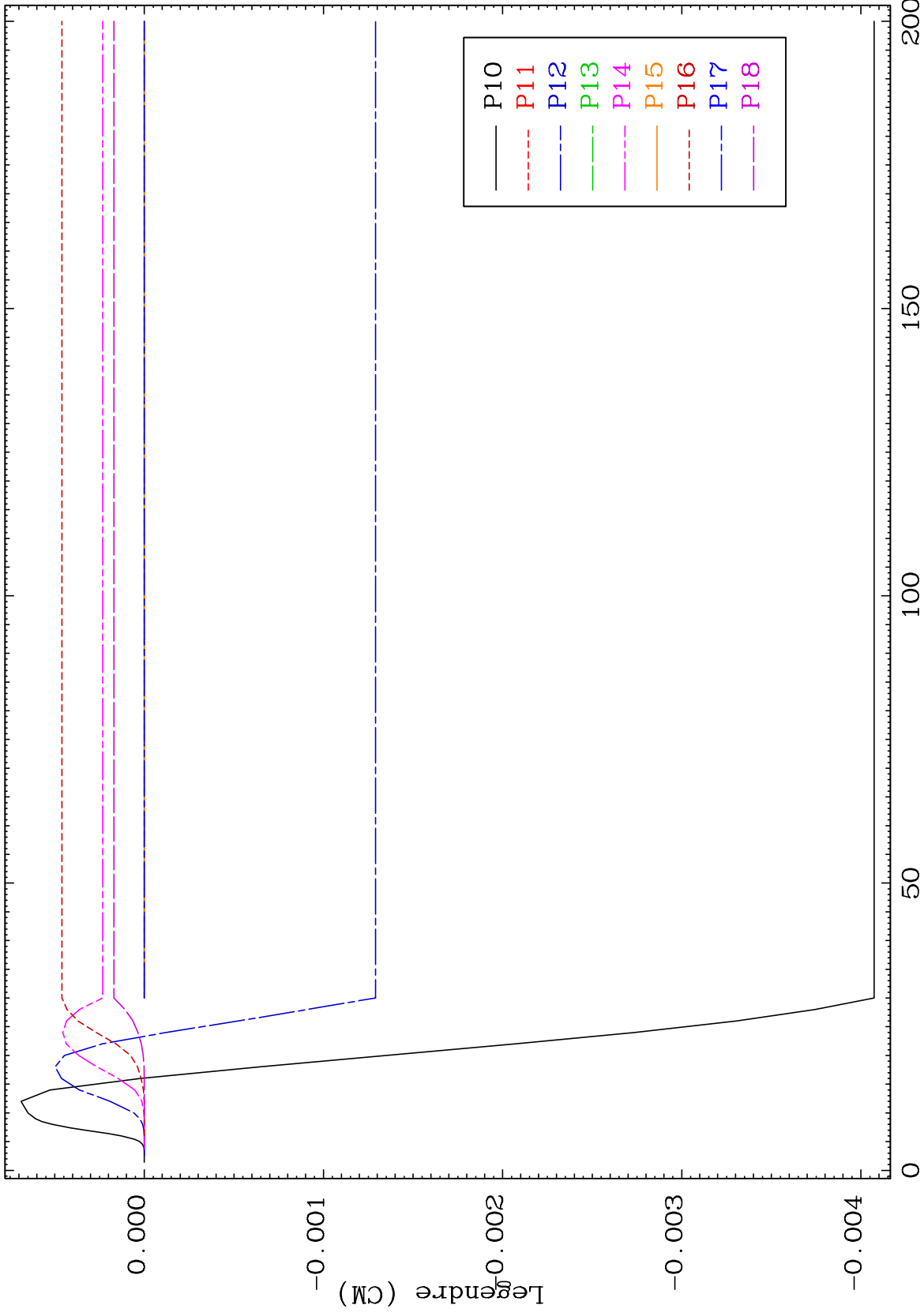
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



47

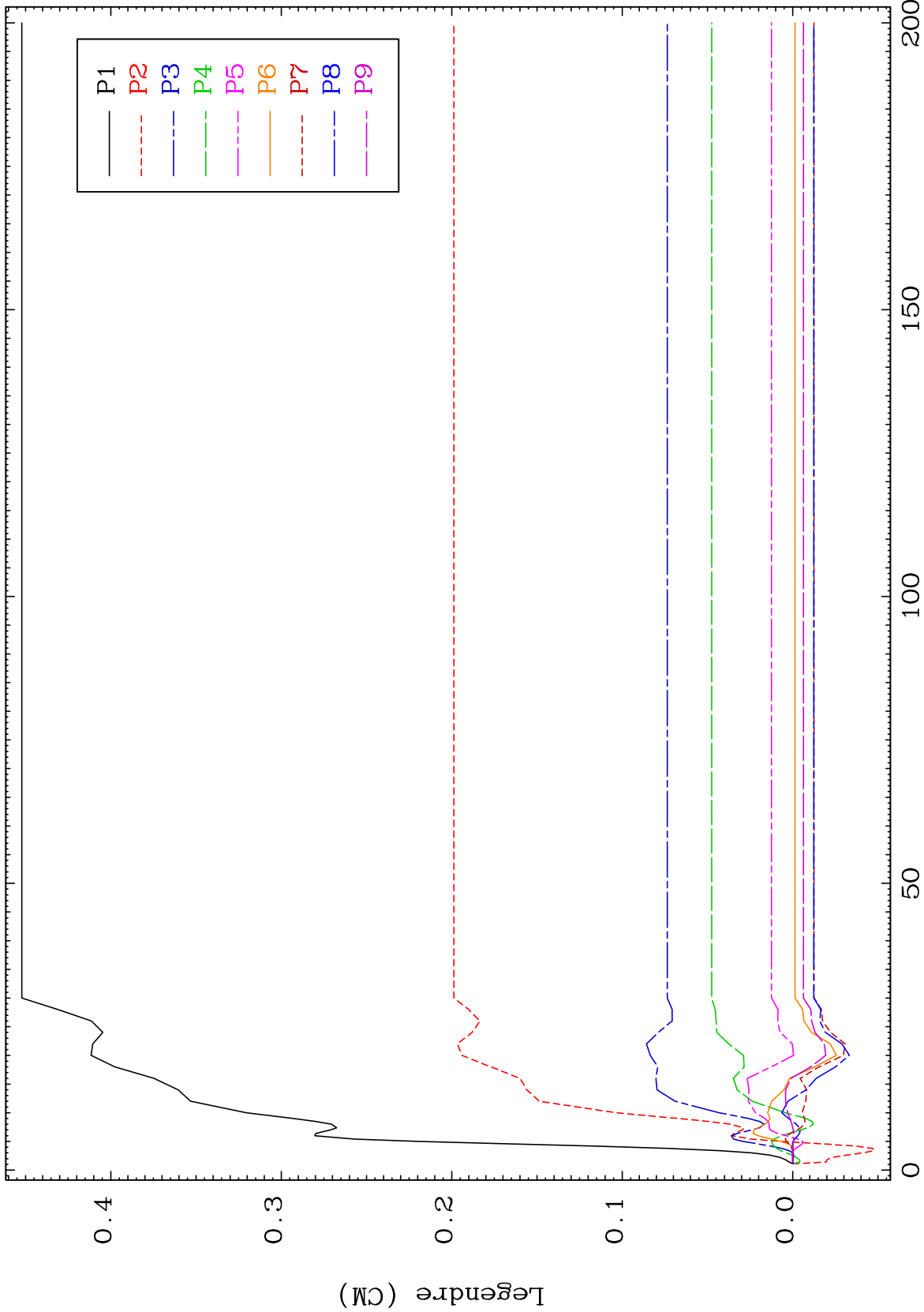
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

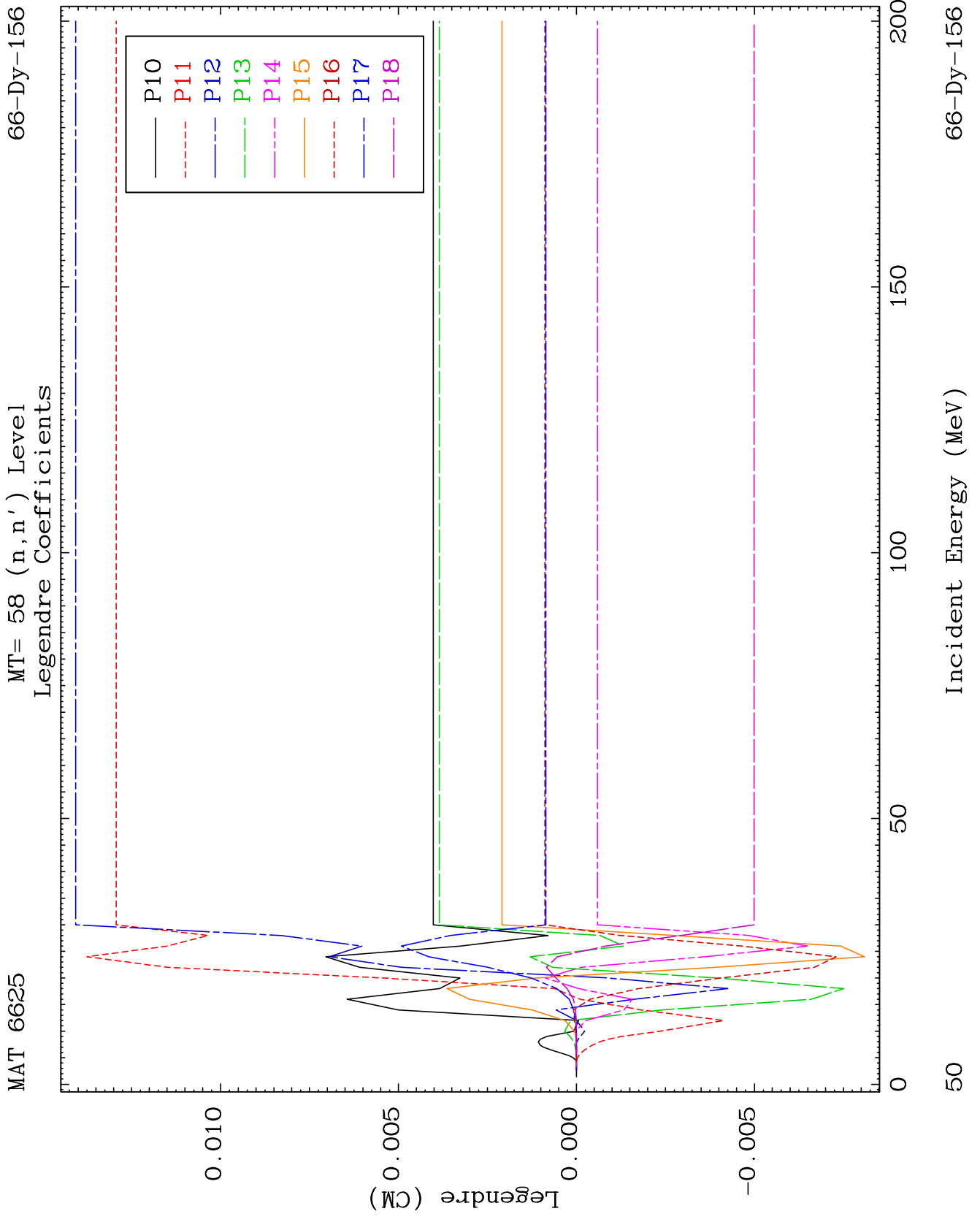
66-Dy-156



49

Incident Energy (MeV)

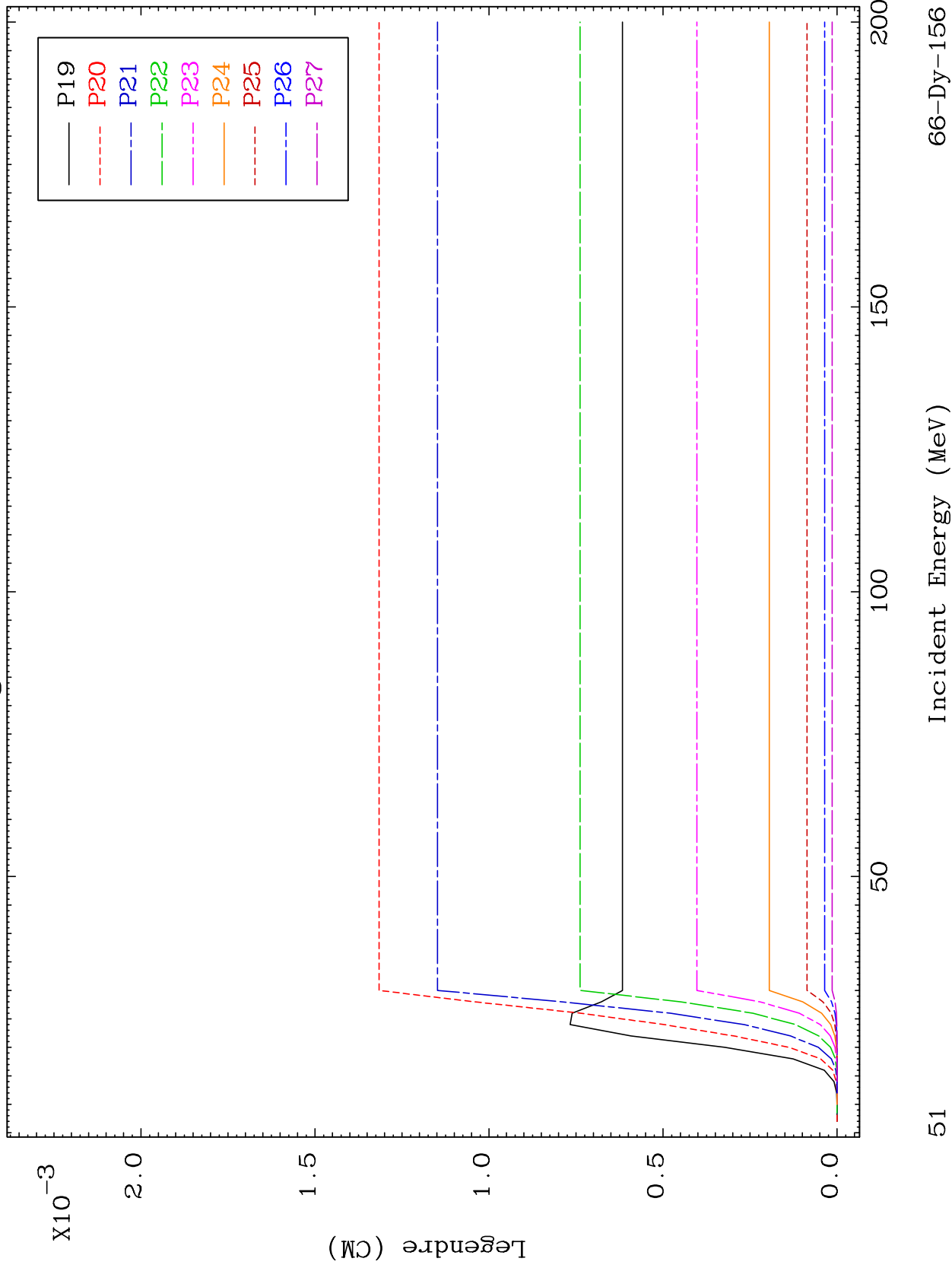
66-Dy-156



MAT 6625

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

66-Dy-156



51

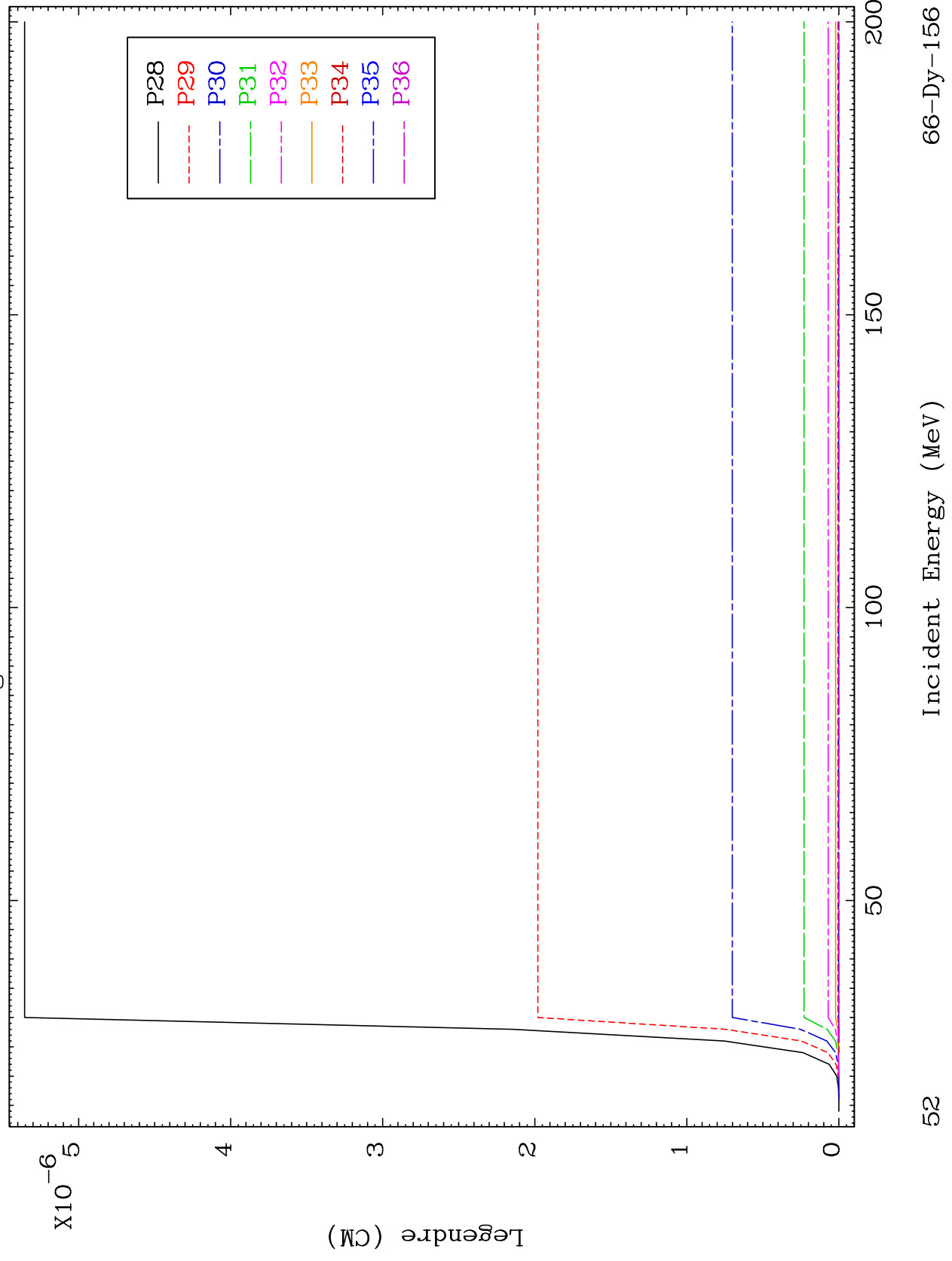
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



52

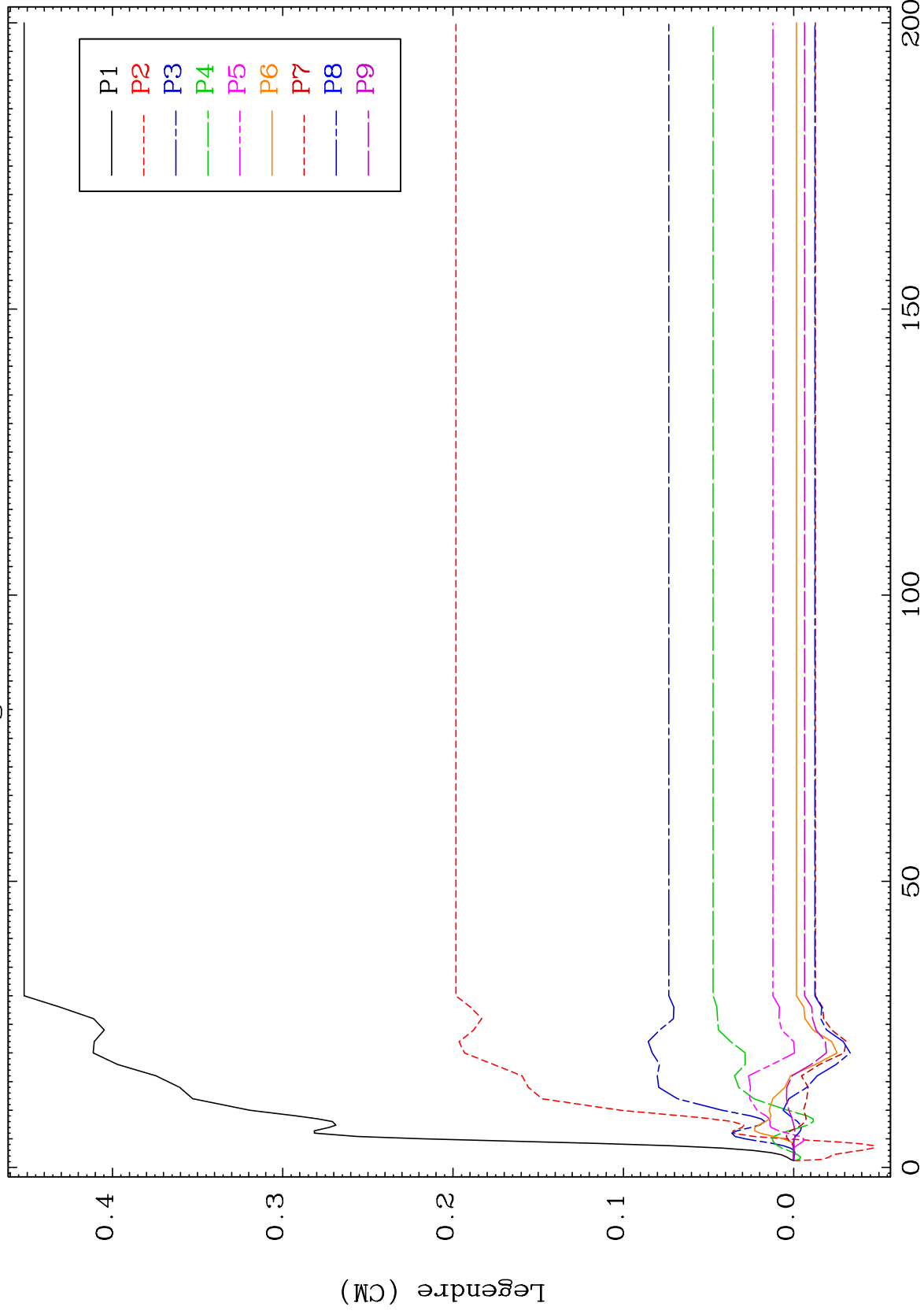
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

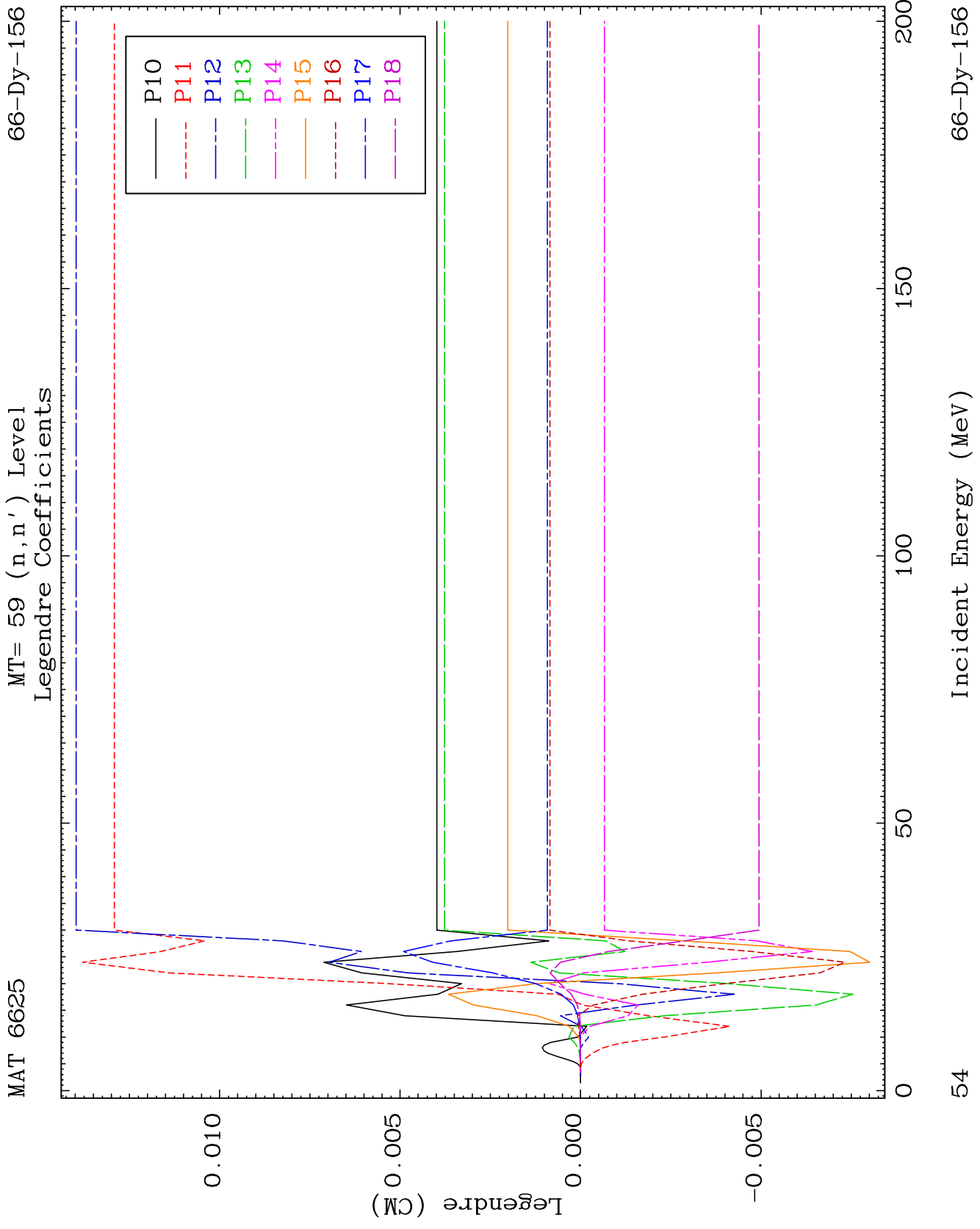
66-Dy-156



53

Incident Energy (MeV)

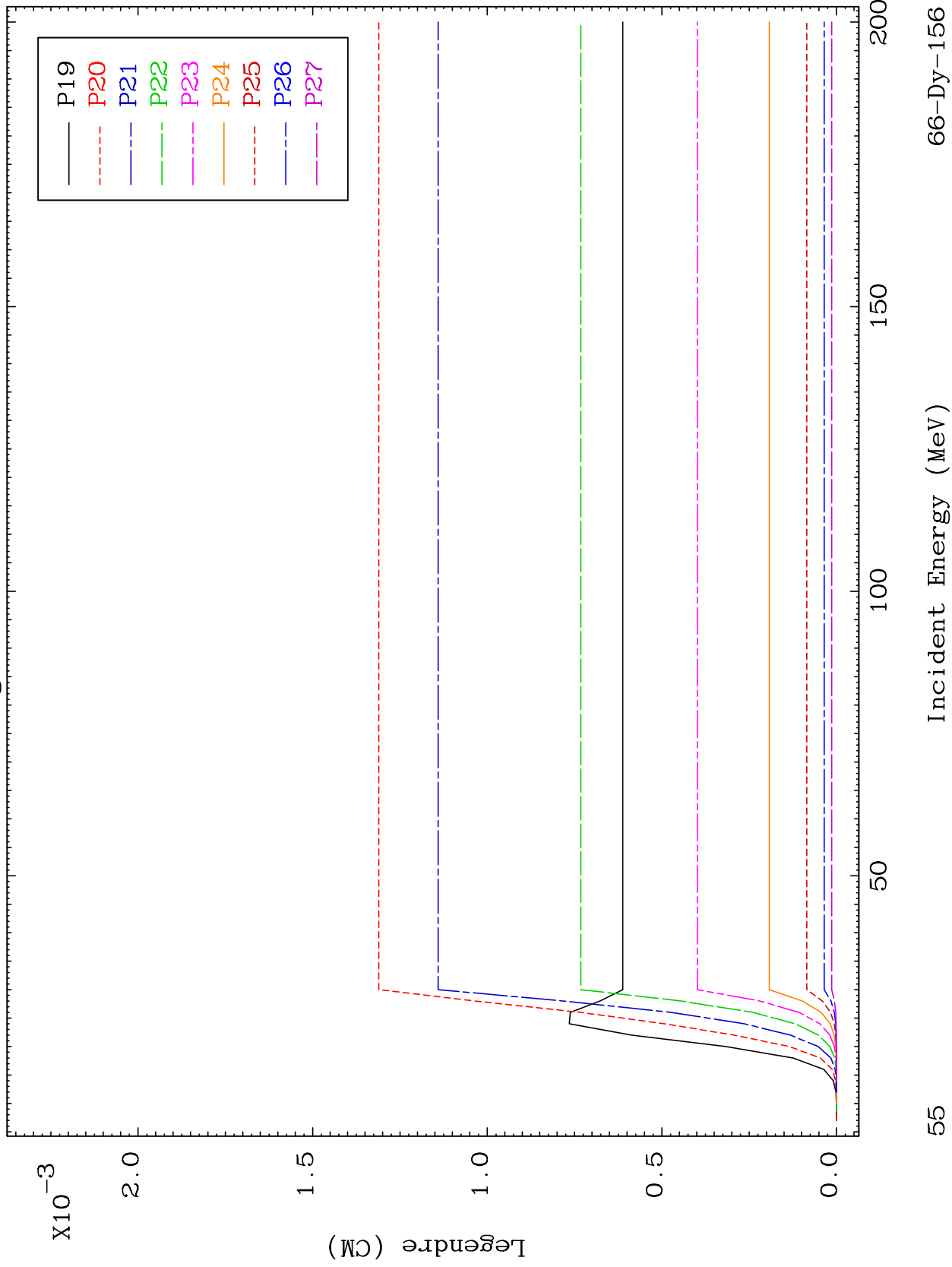
66-Dy-156



MAT 6625

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

66-Dy-156



55

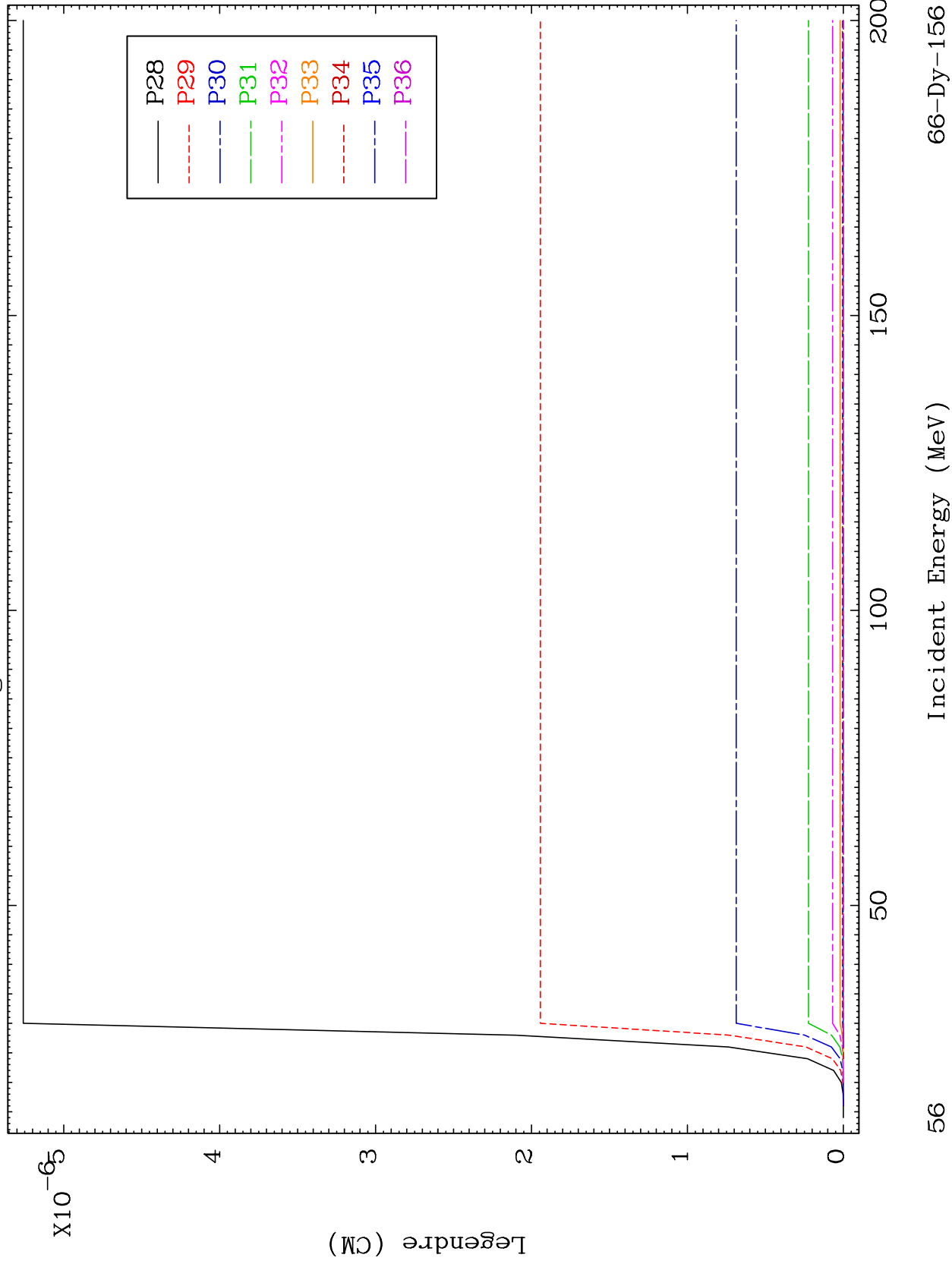
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



56

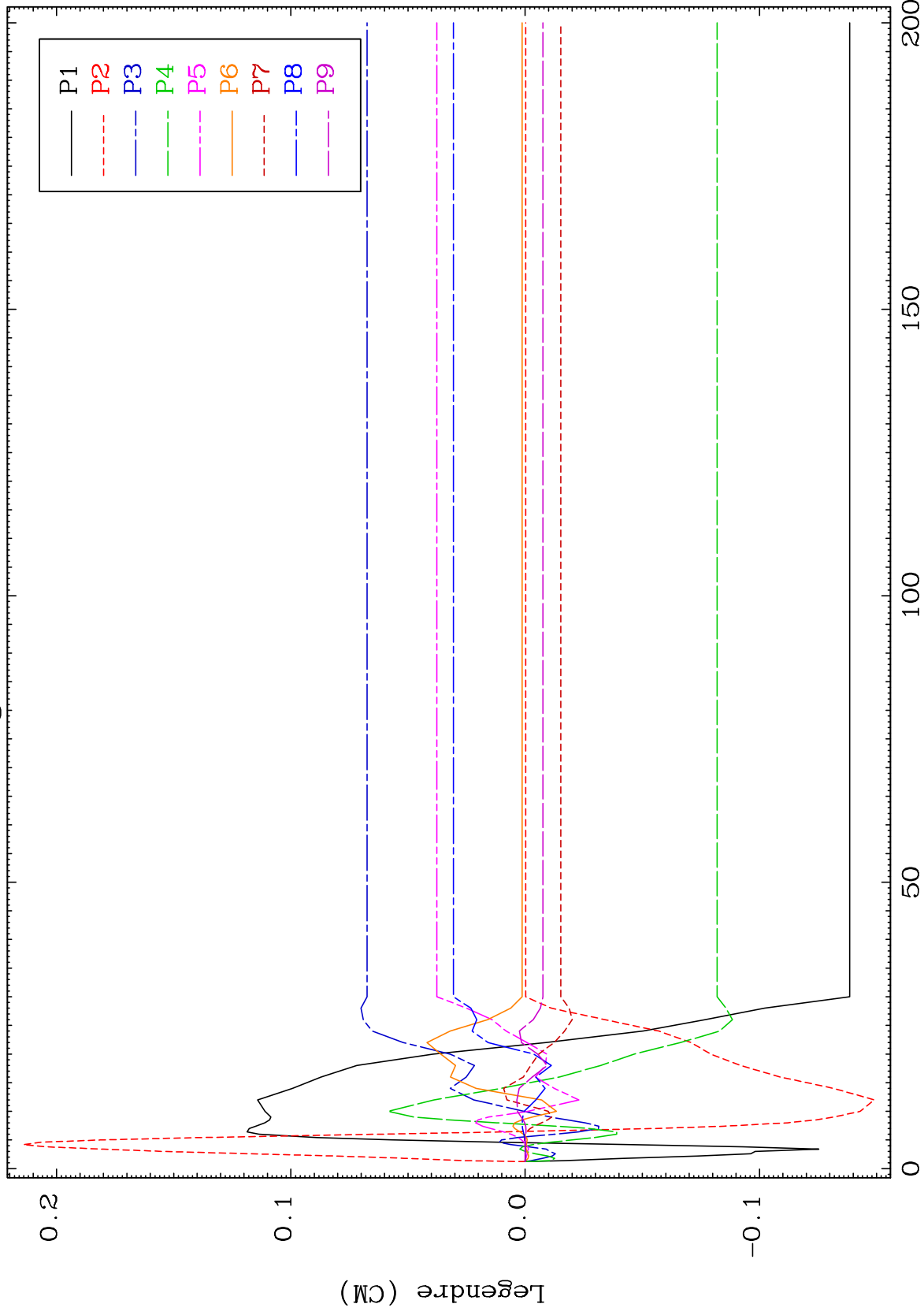
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

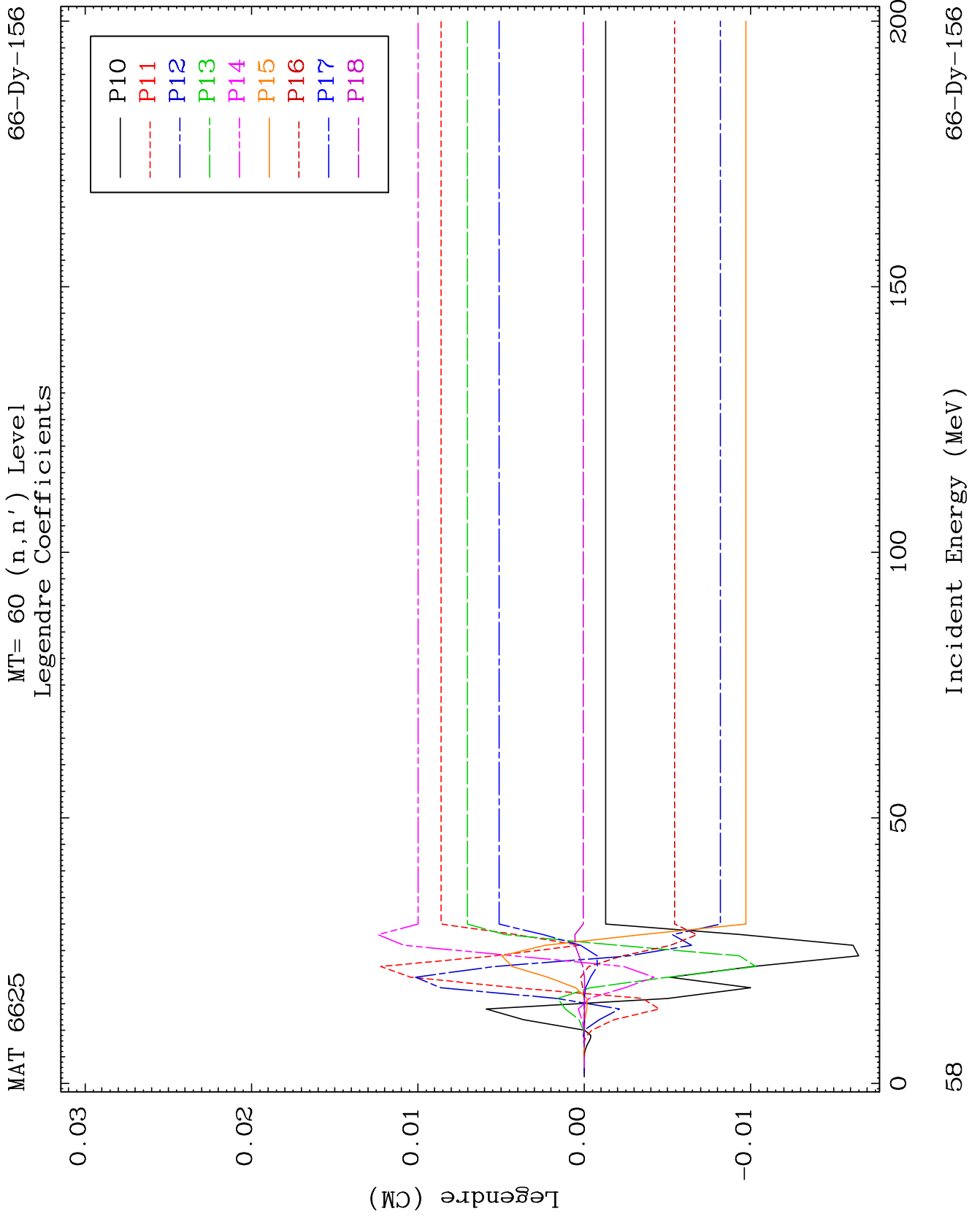
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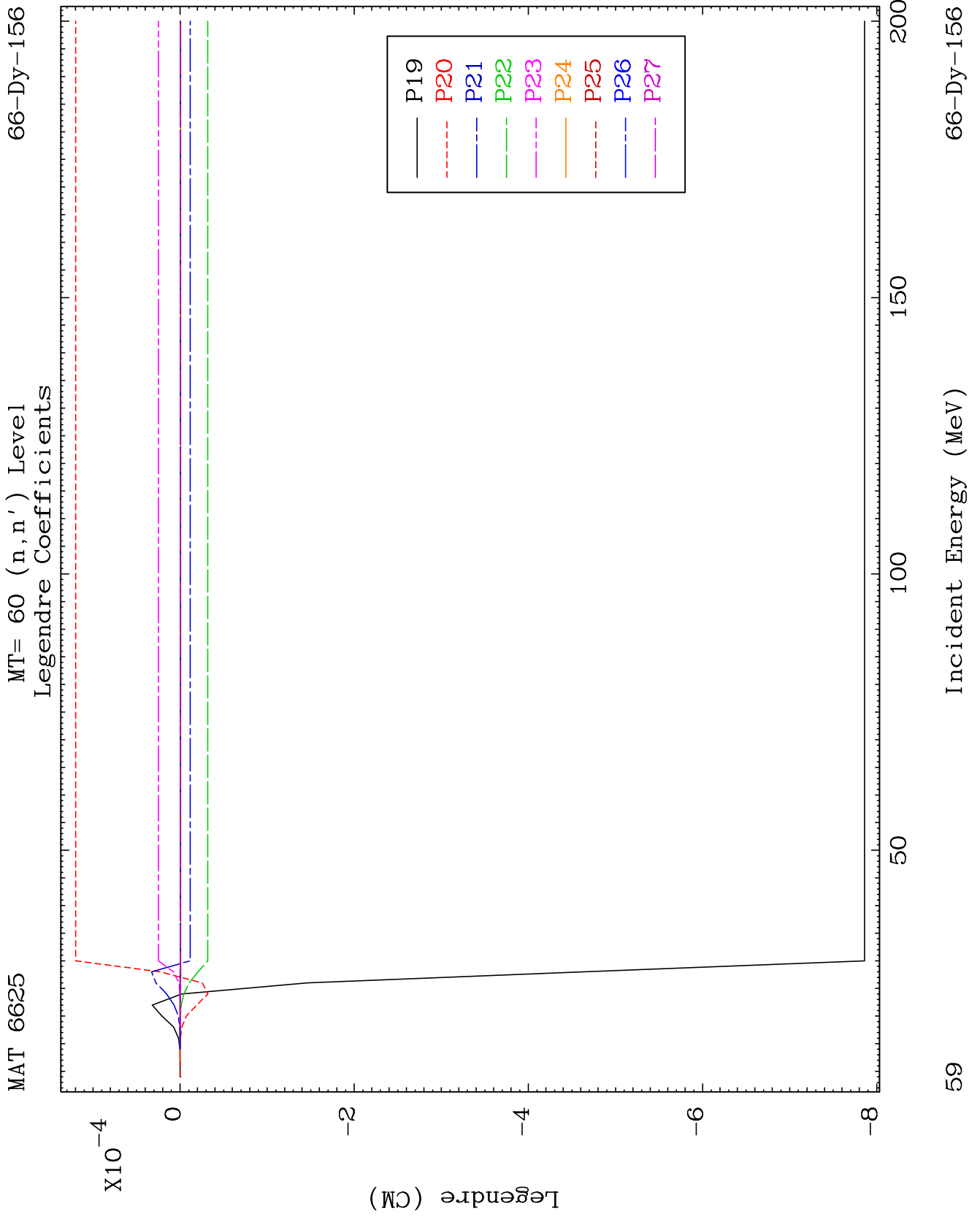


57

Incident Energy (MeV)

66-Dy-156

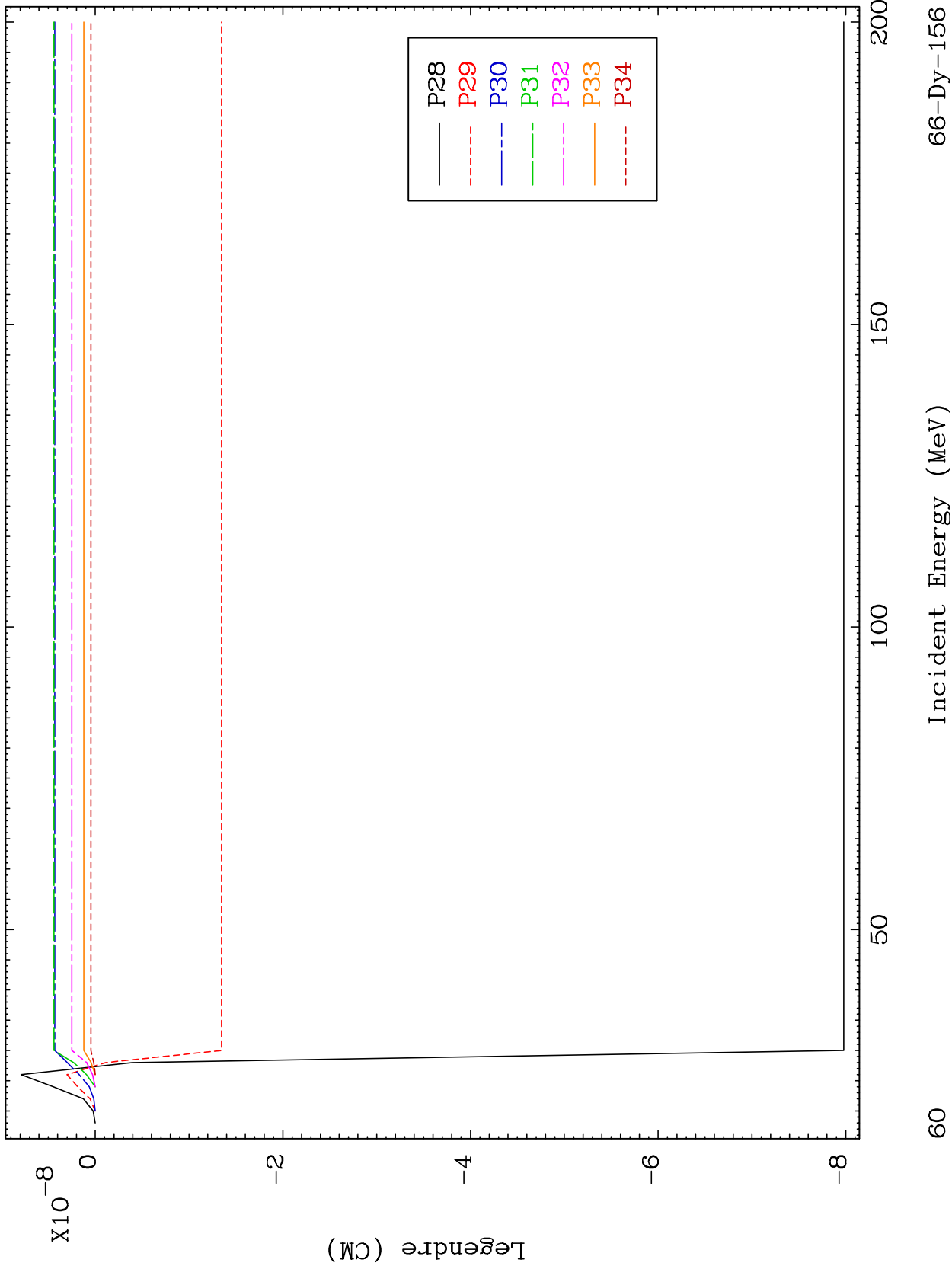




MAT 6625

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

66-Dy-156



60

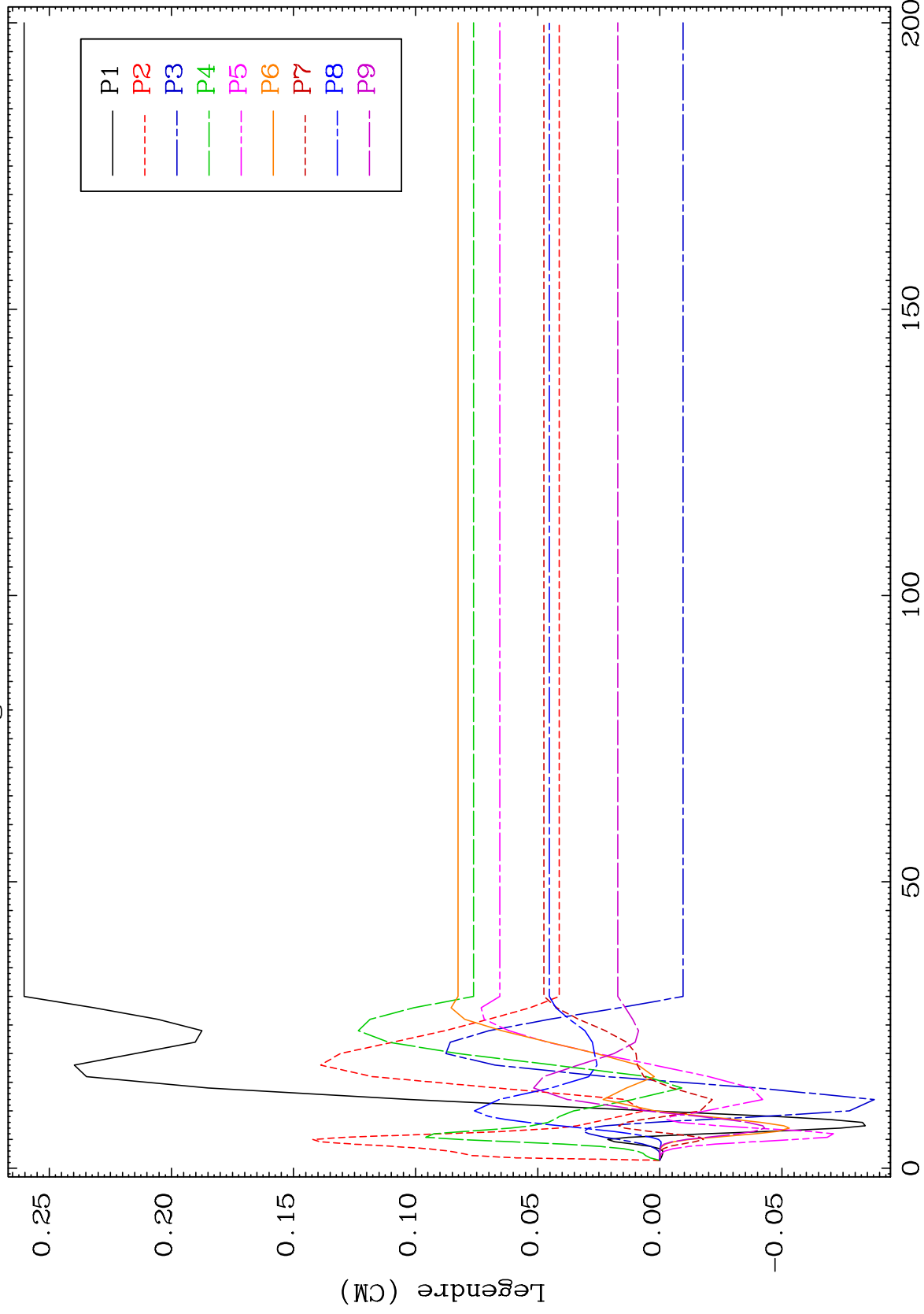
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

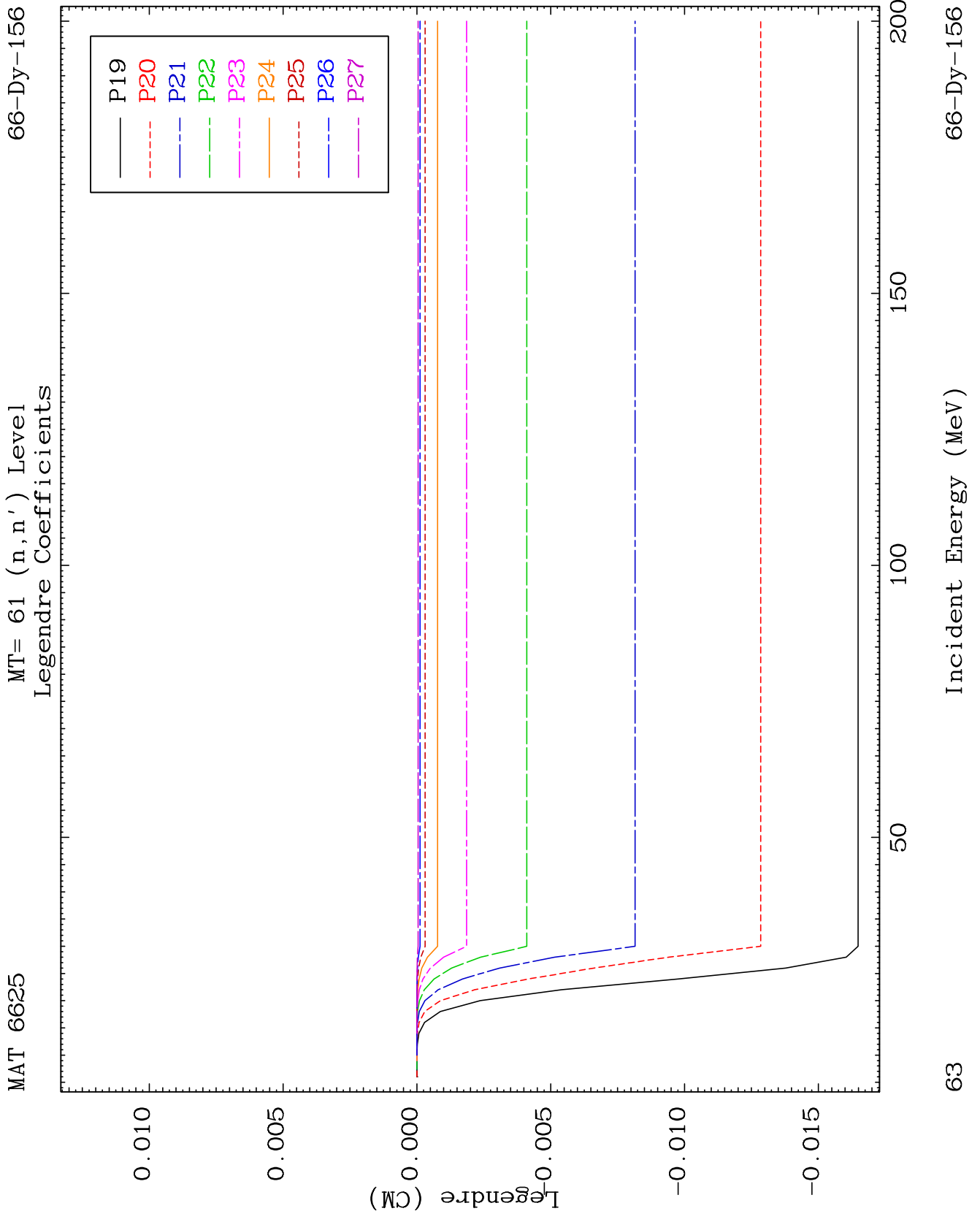
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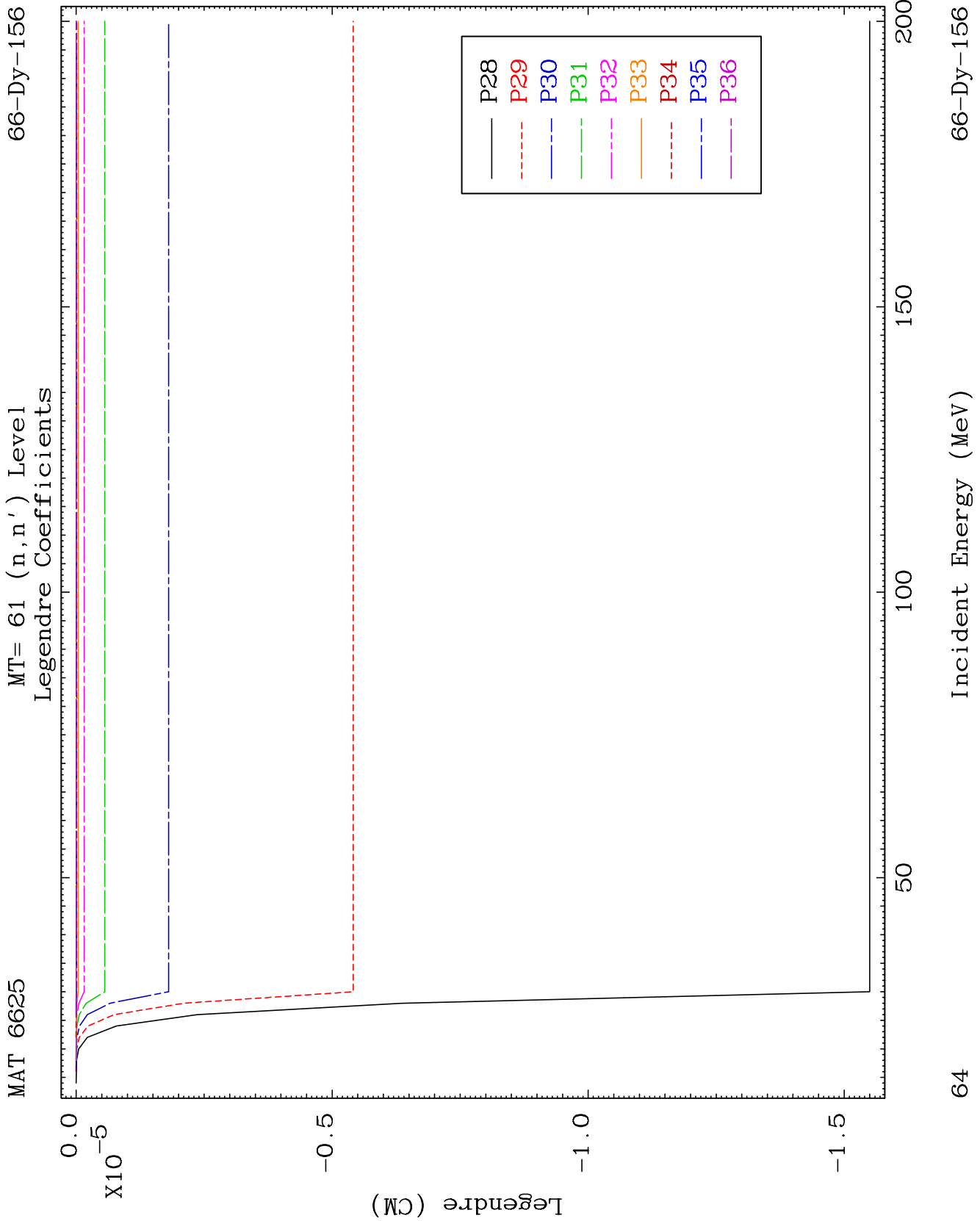


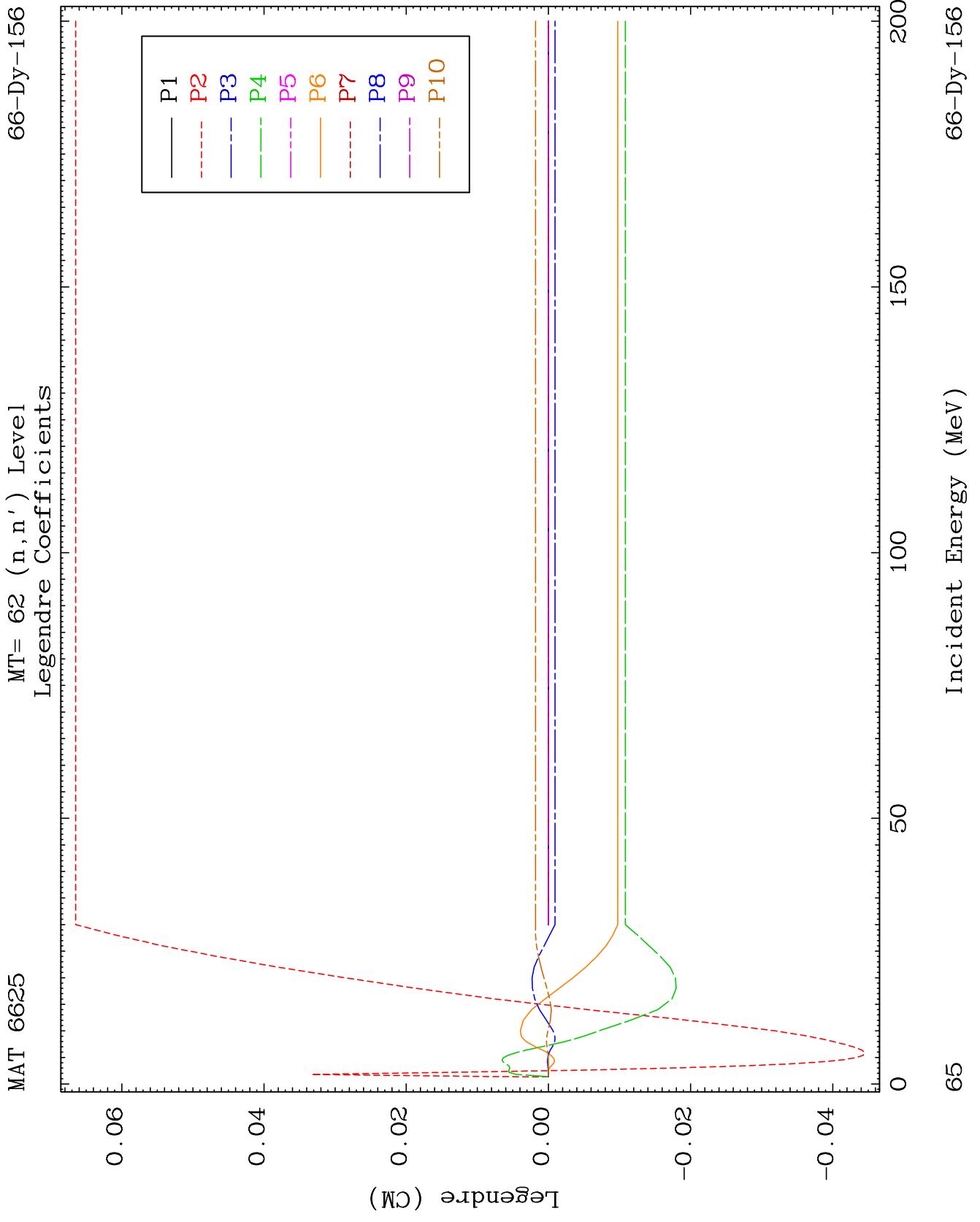
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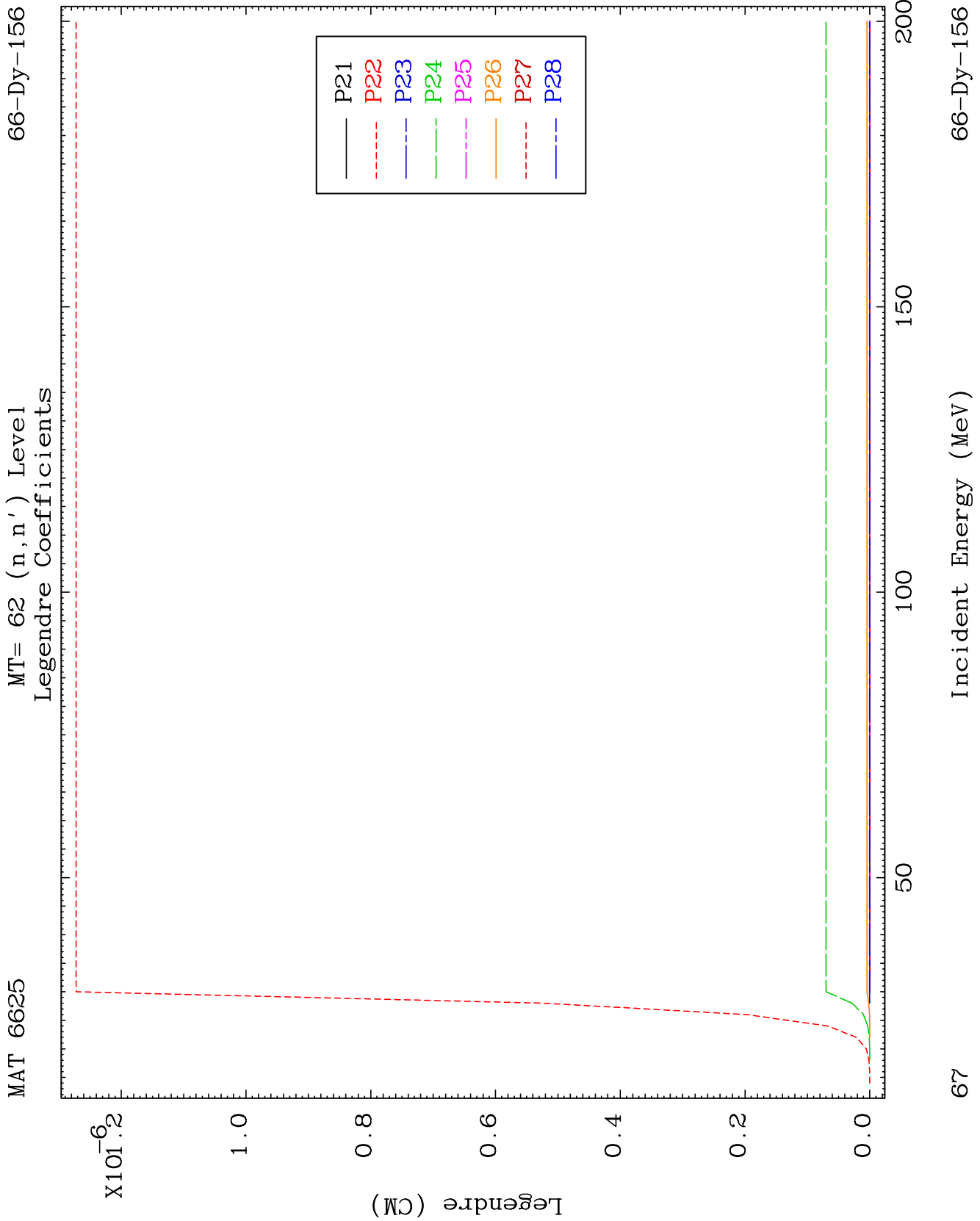
Incident Energy (MeV)

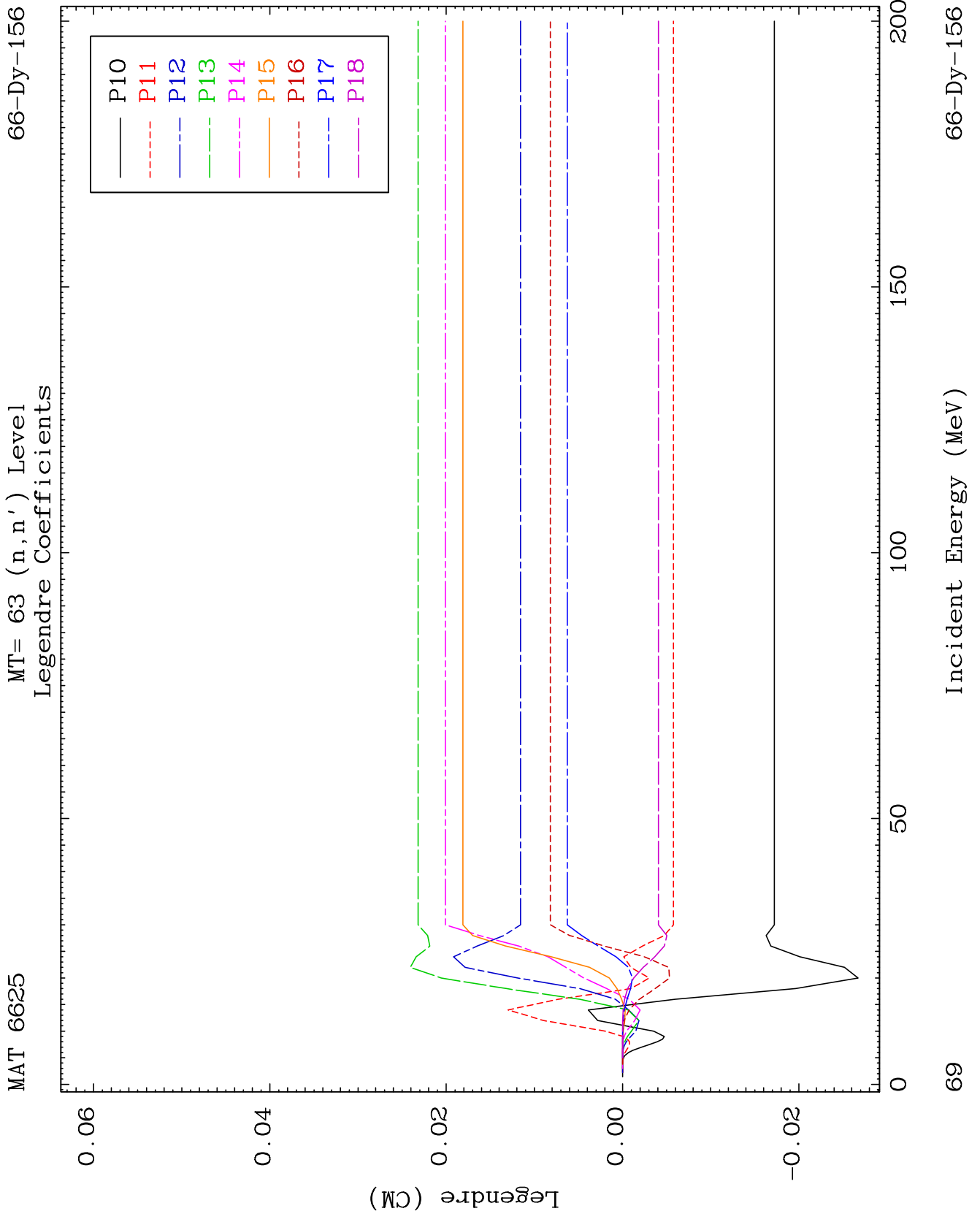
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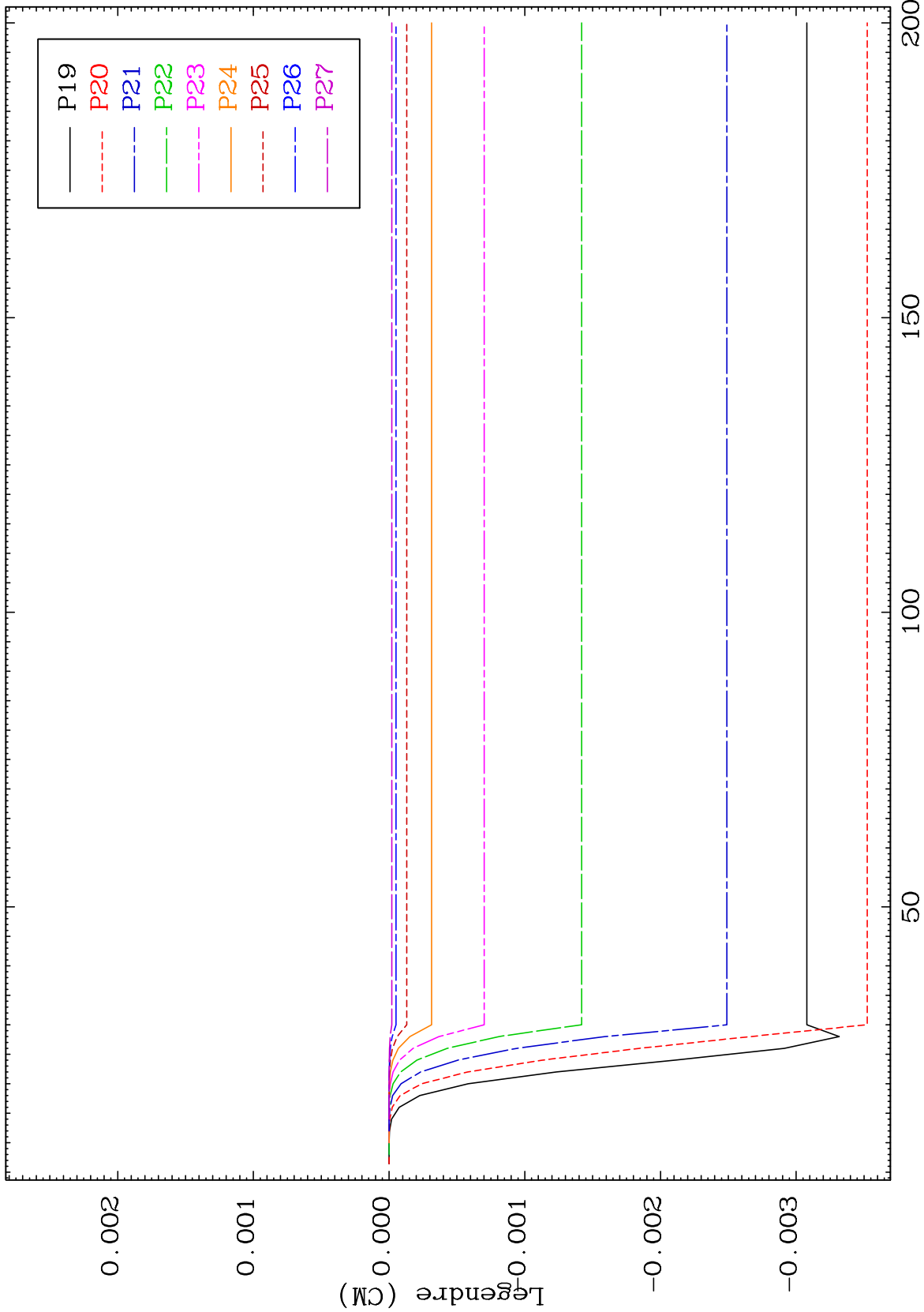




MAT 6625

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

66-Dy-156



70

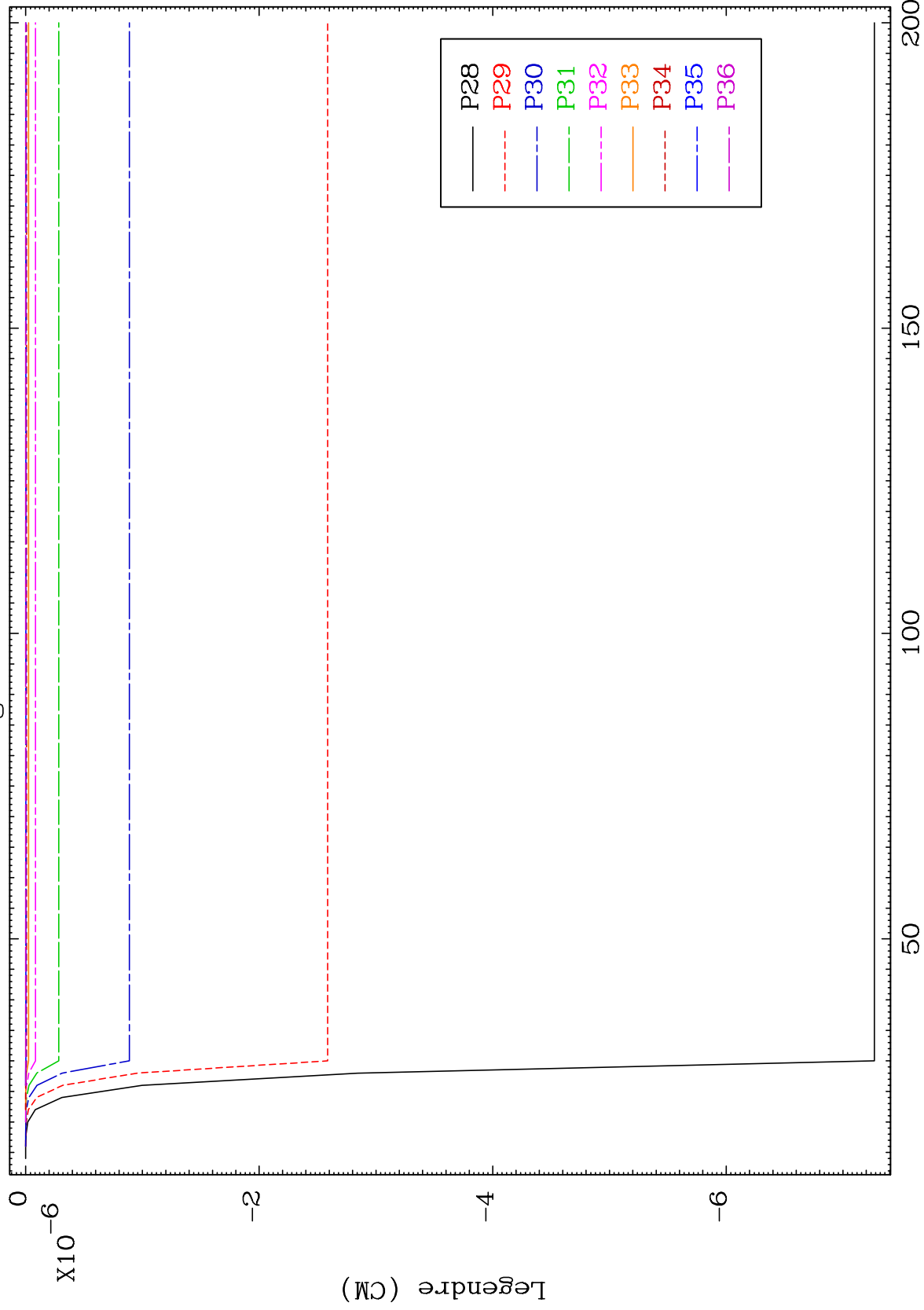
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

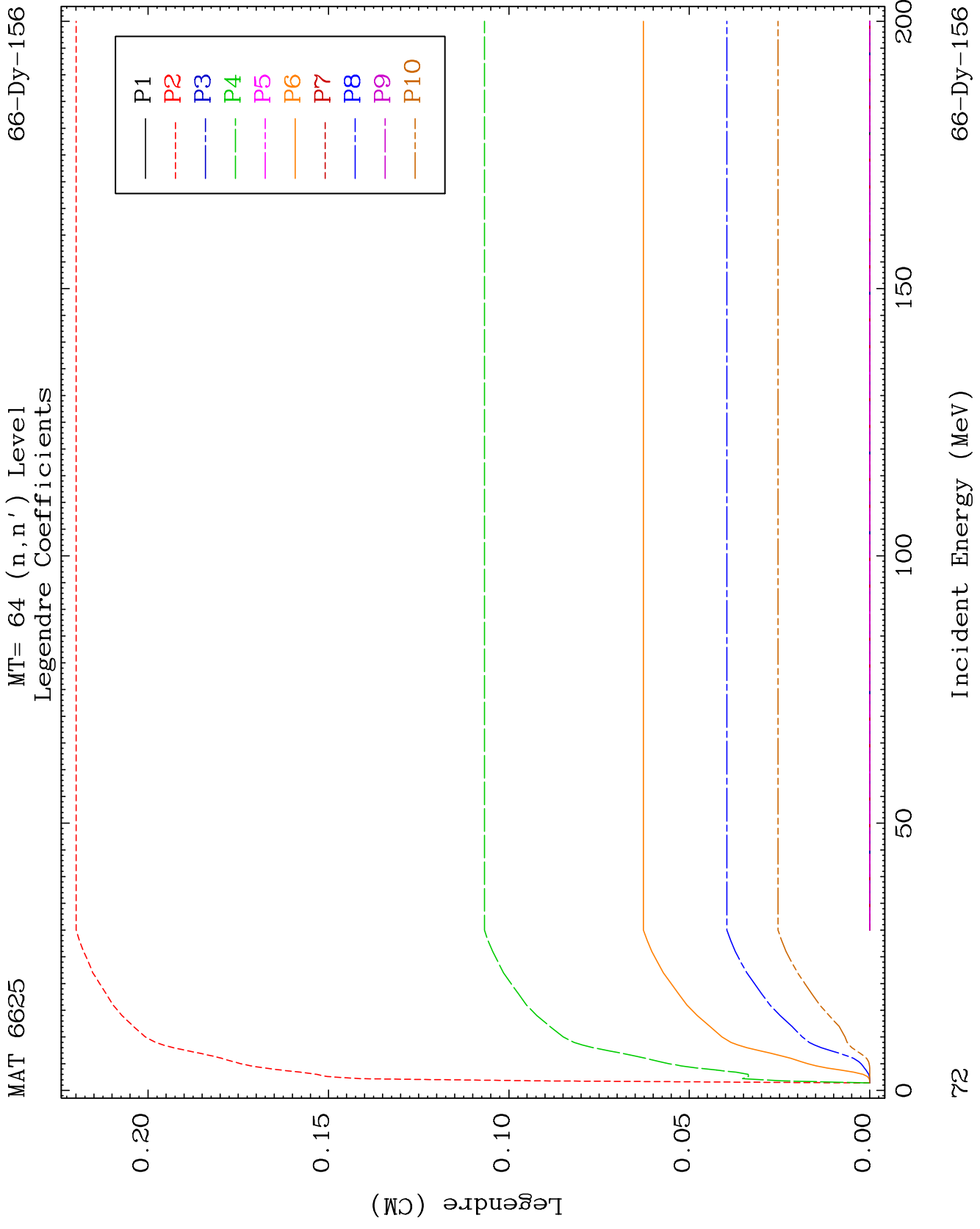
66-Dy-156



71

Incident Energy (MeV)

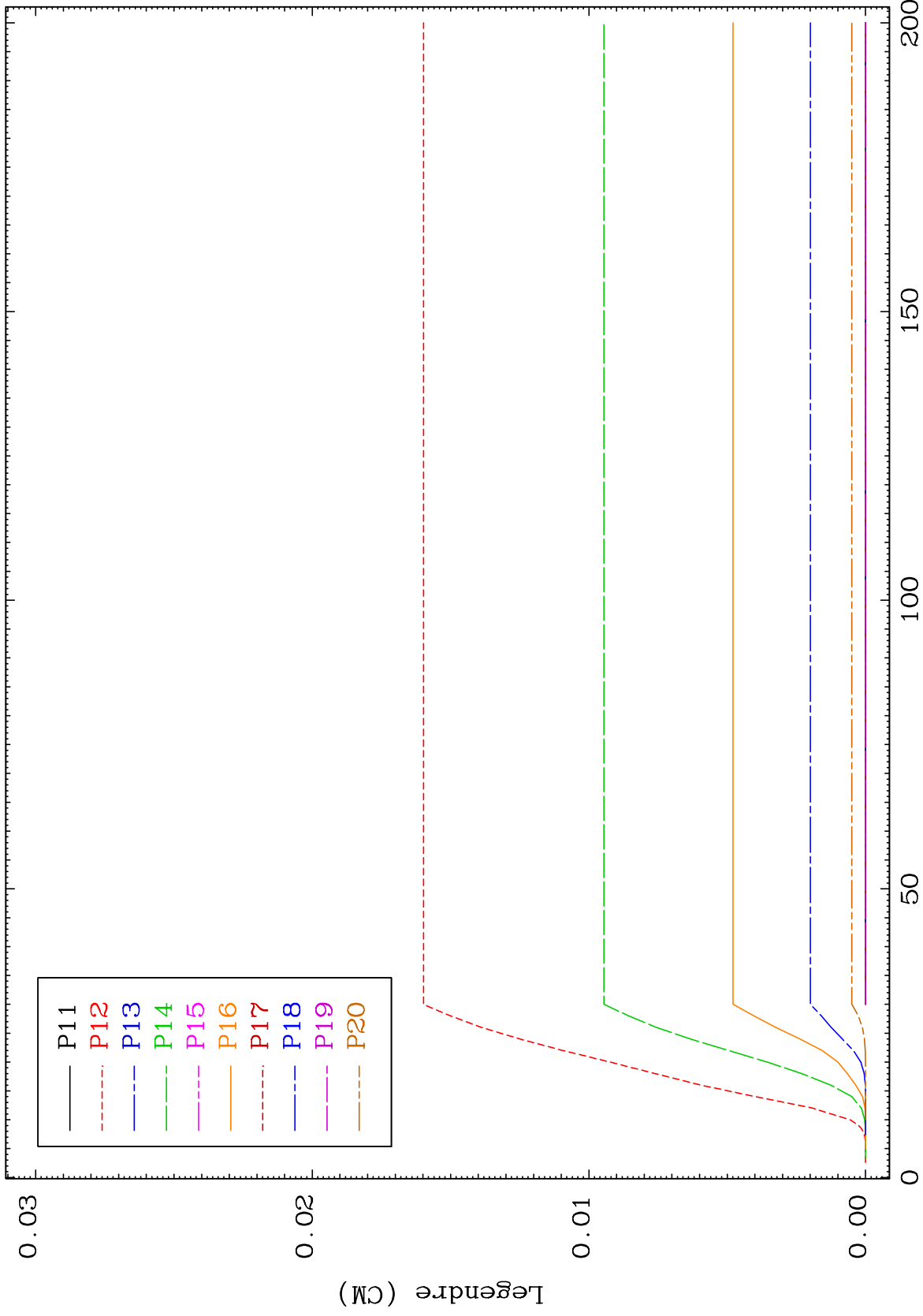
66-Dy-156



MAT 6625

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

66-Dy-156



73

Incident Energy (MeV)

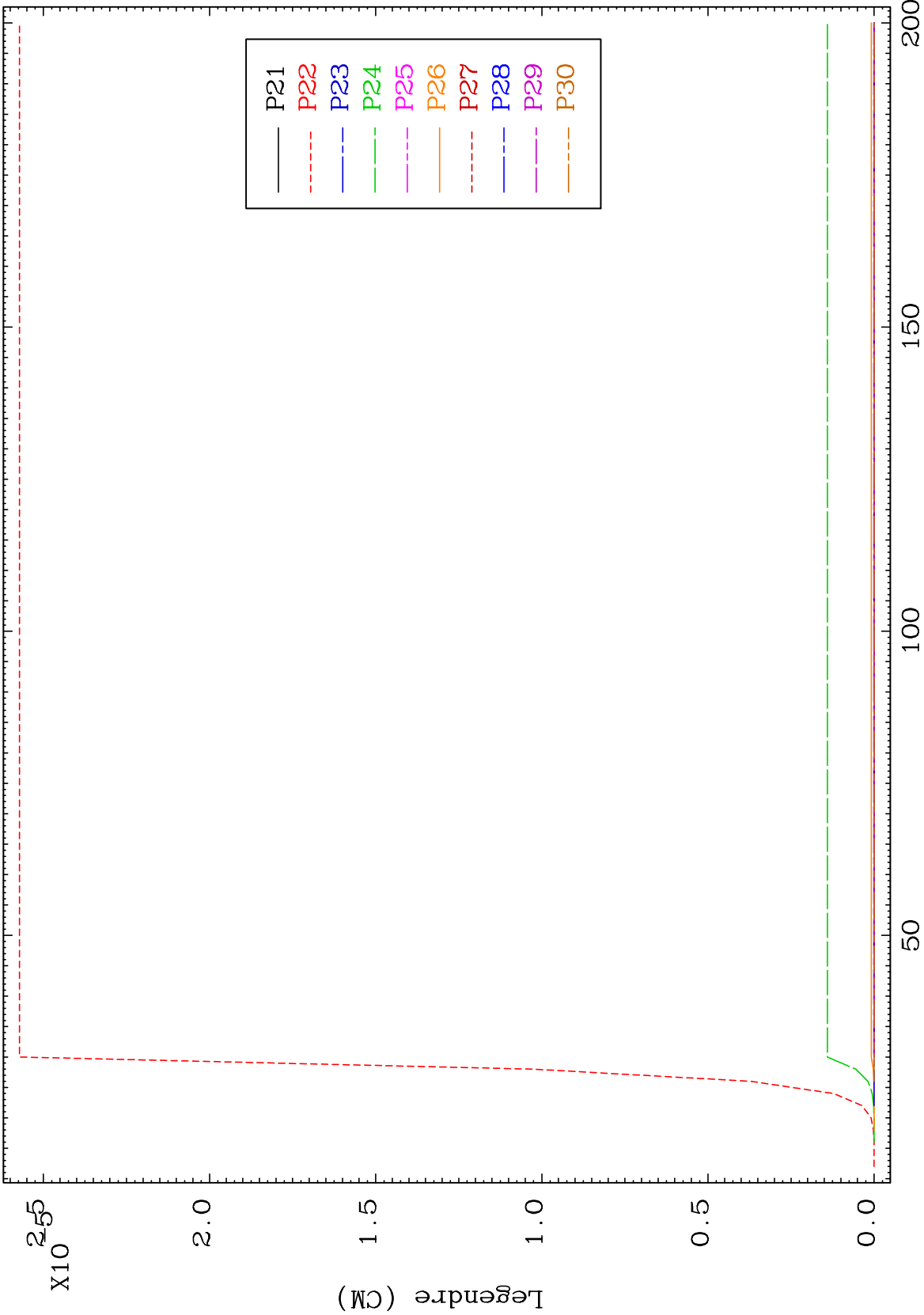
66-Dy-156

MAT 6625

MT= 64 (n,n') Level

66-Dy-156

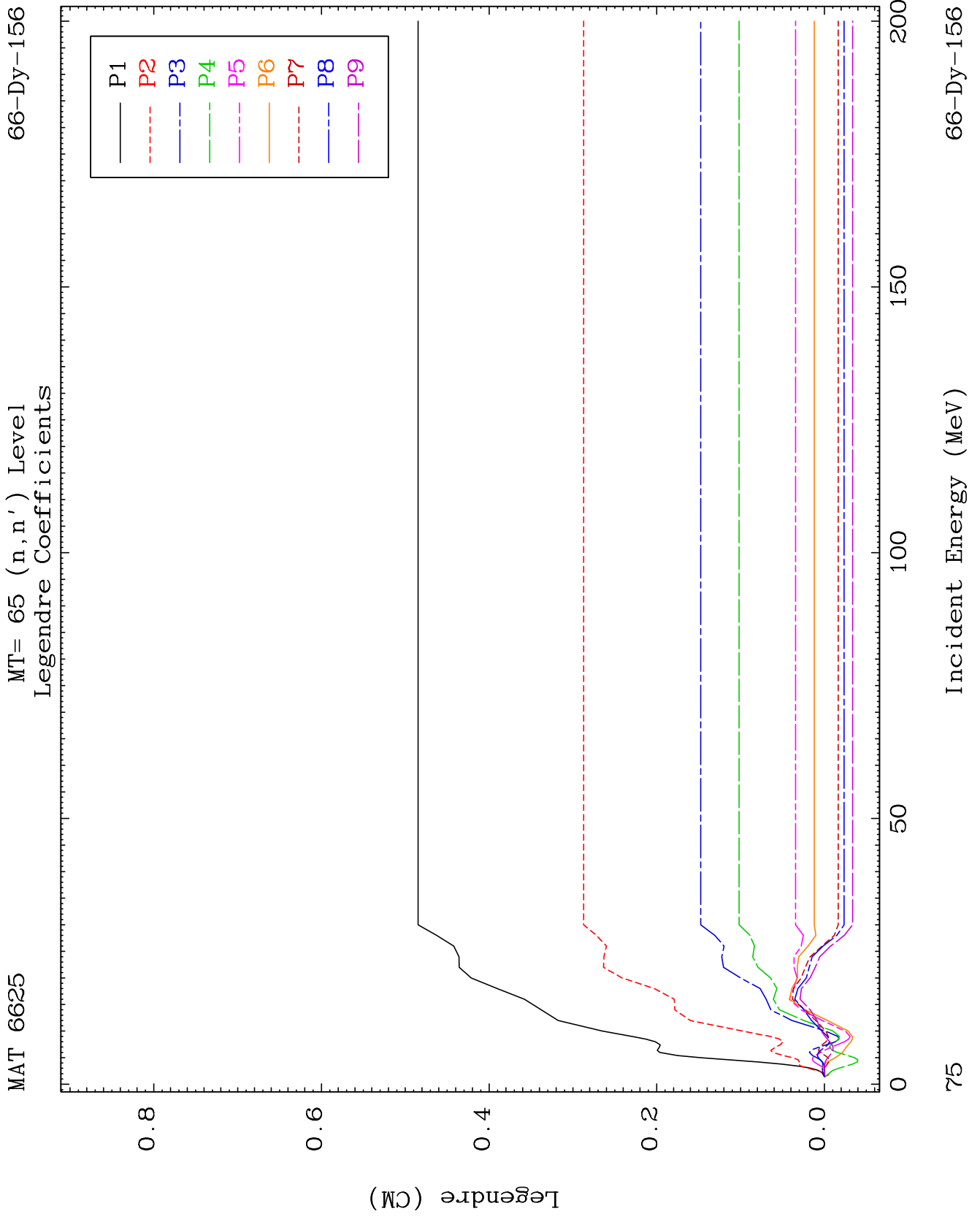
Legendre Coefficients



66-Dy-156

Incident Energy (MeV)

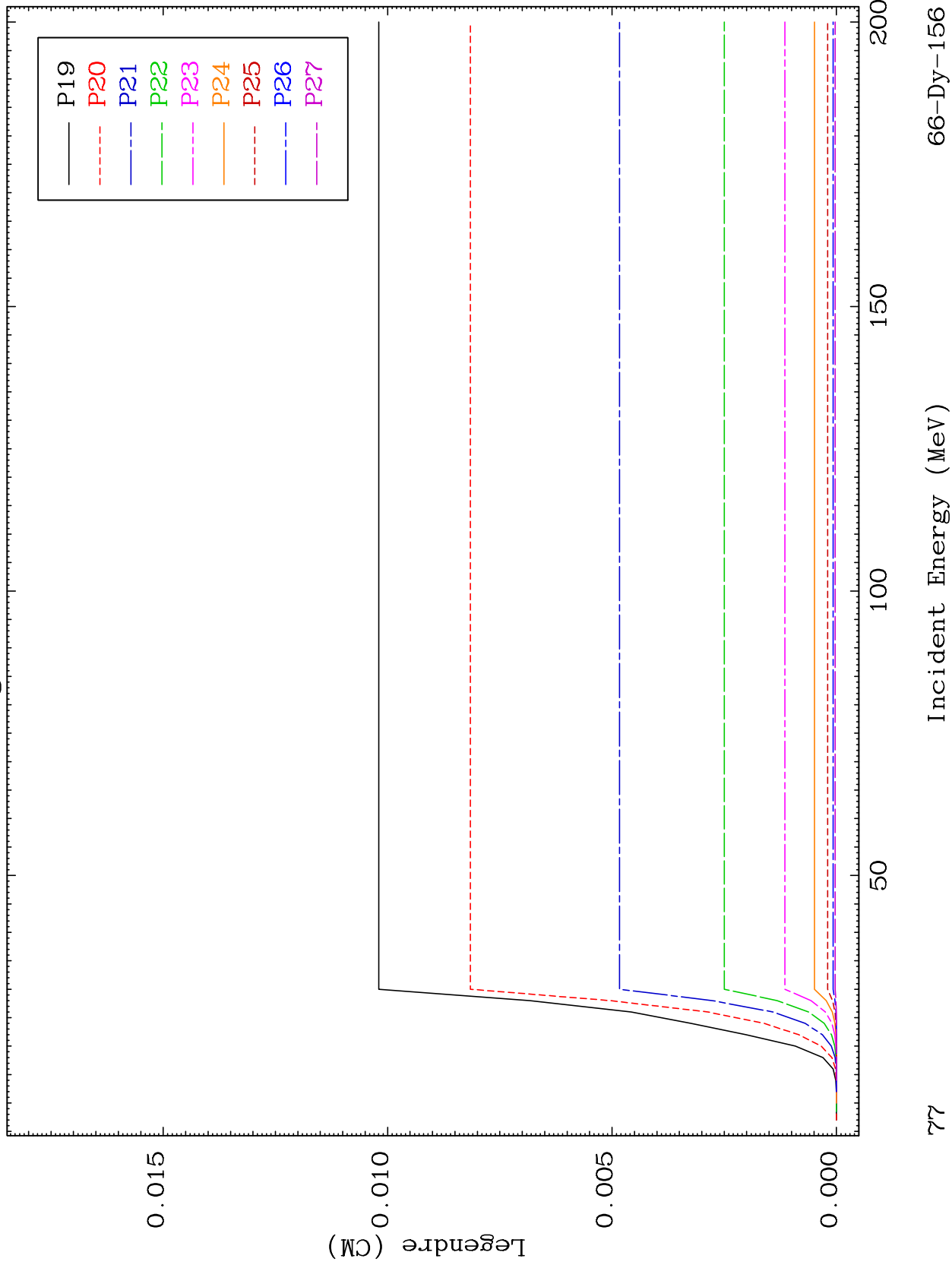
74



MAT 6625

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

66-Dy-156



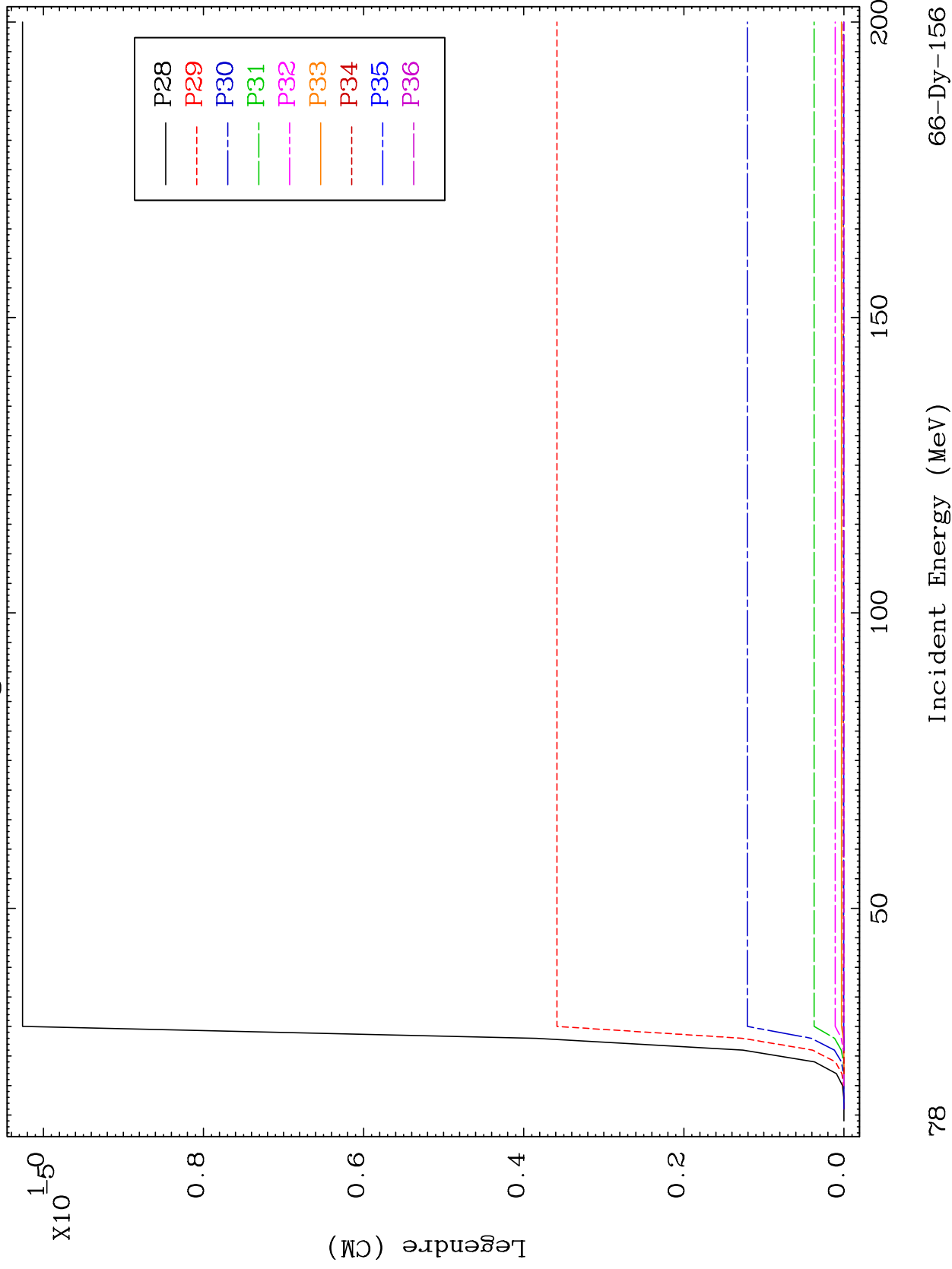
77

66-Dy-156

MAT 6625

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

66-Dy-156



78

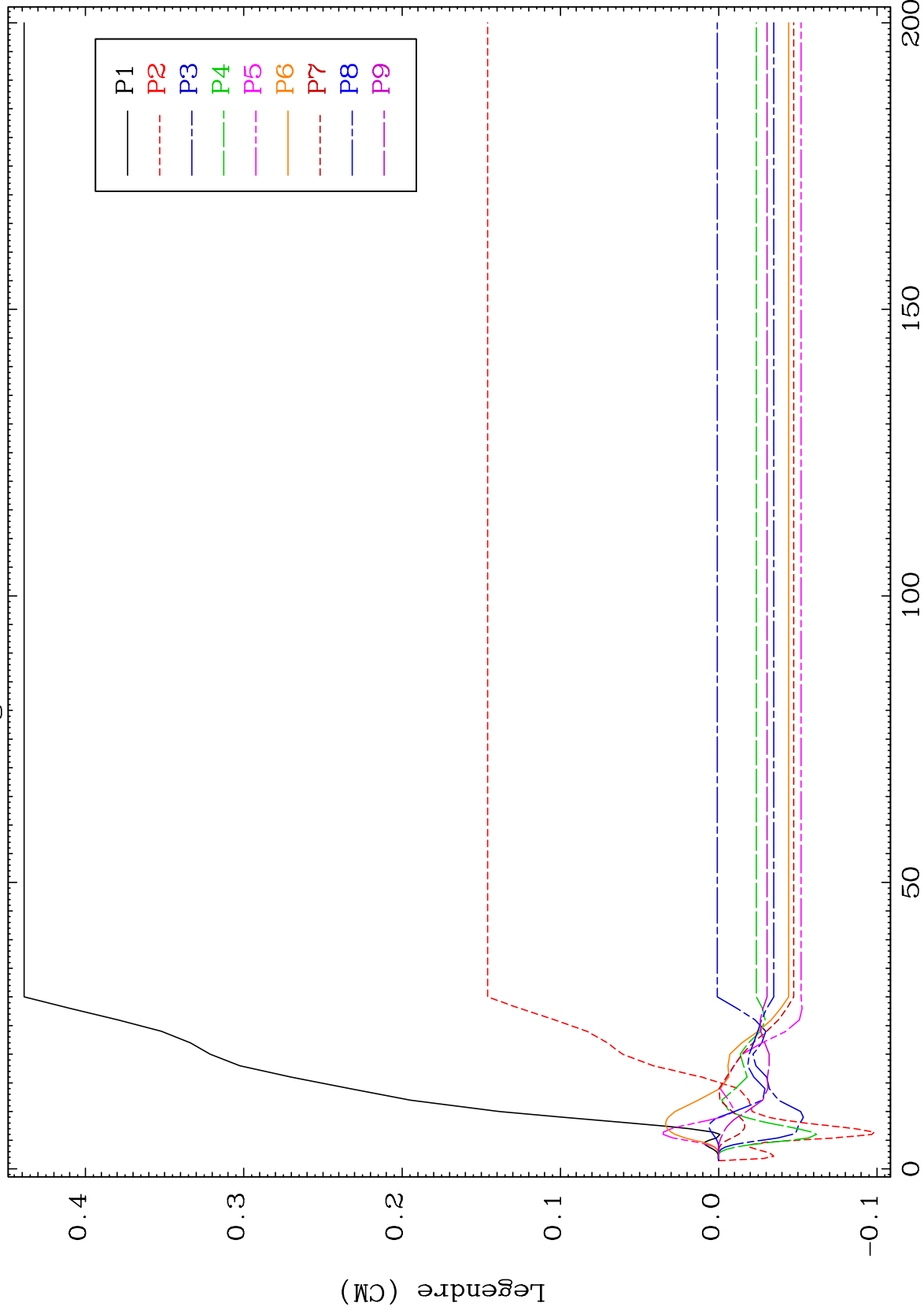
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

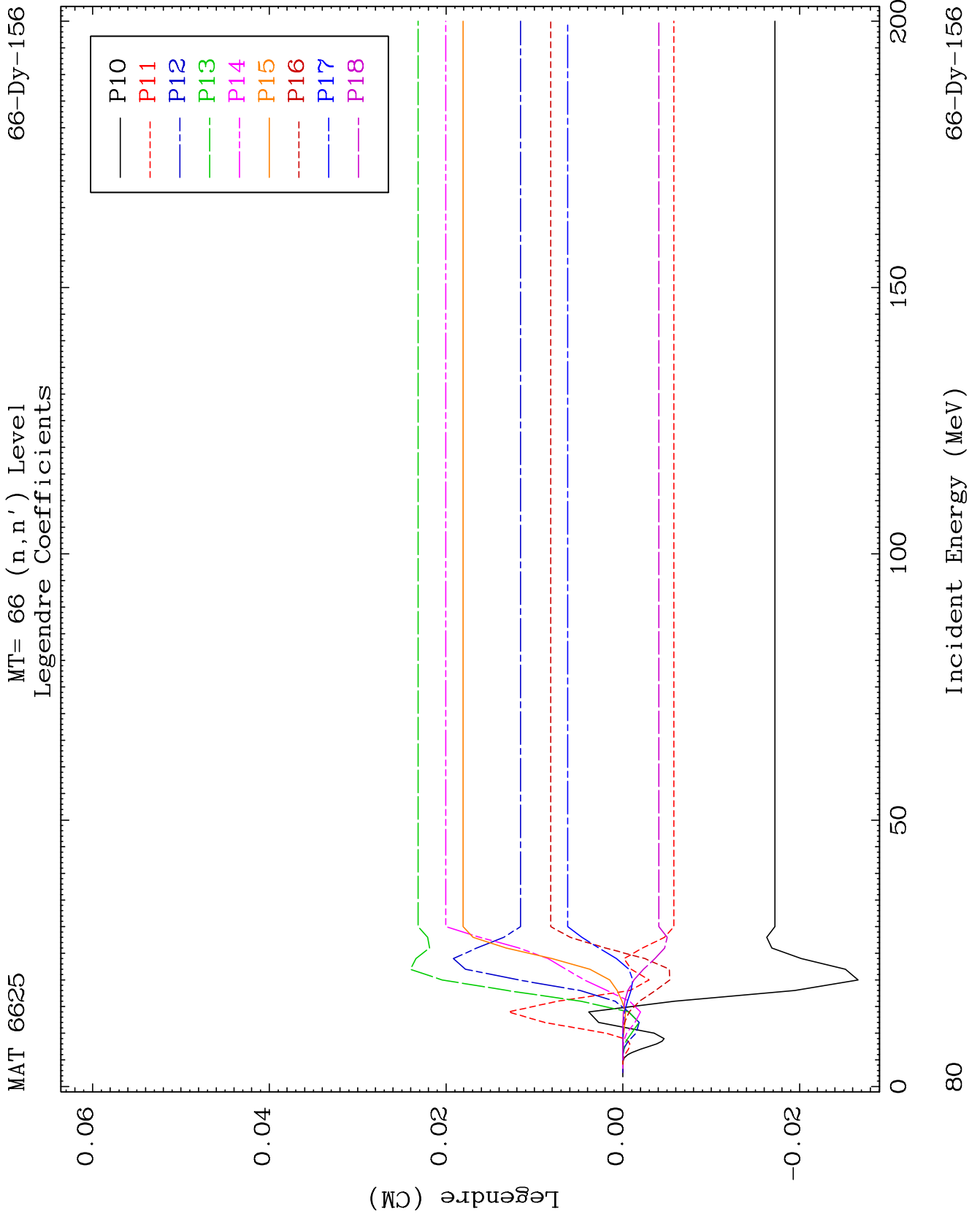
66-Dy-156



79

Incident Energy (MeV)

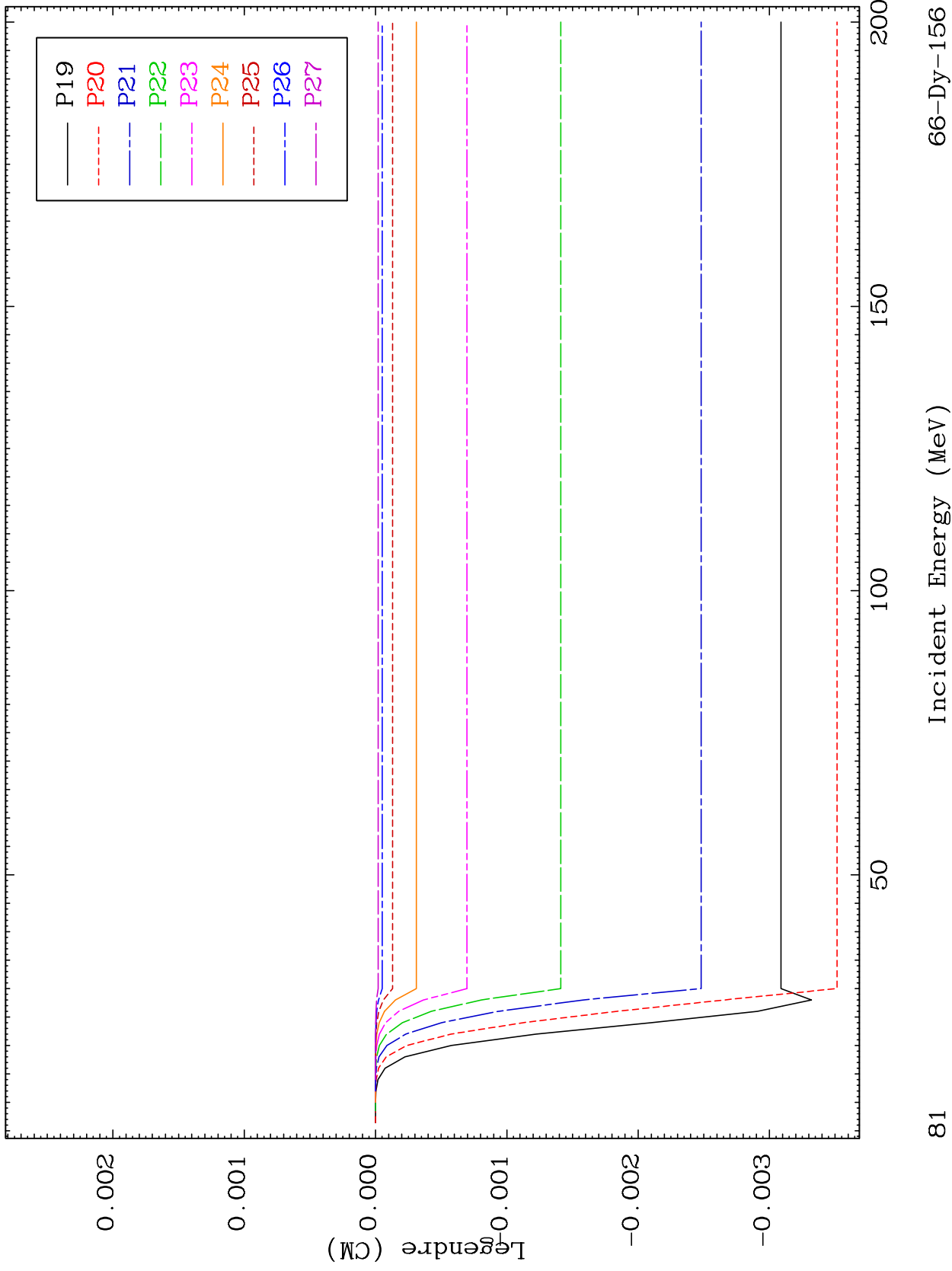
66-Dy-156

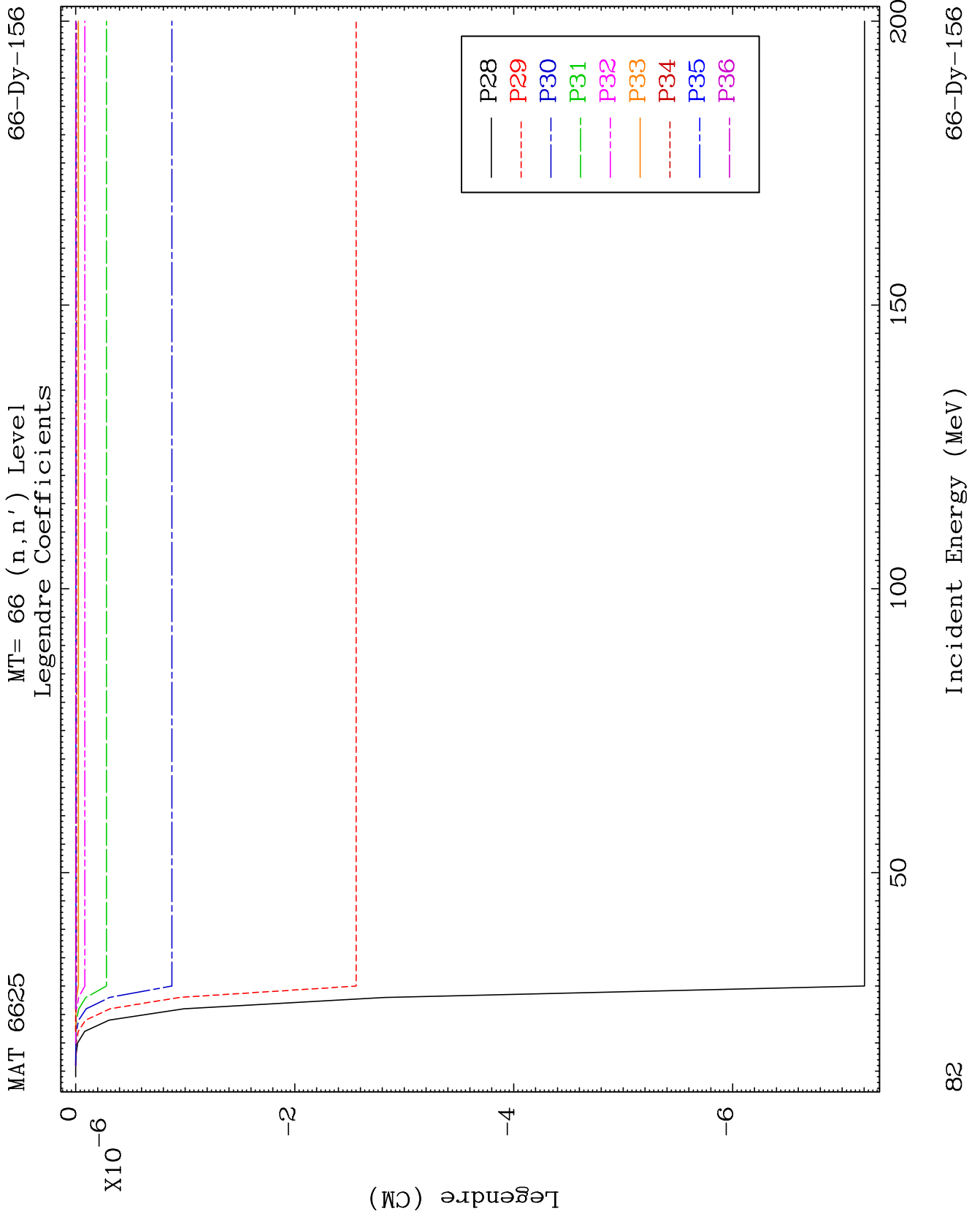


MAT 6625

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

66-Dy-156

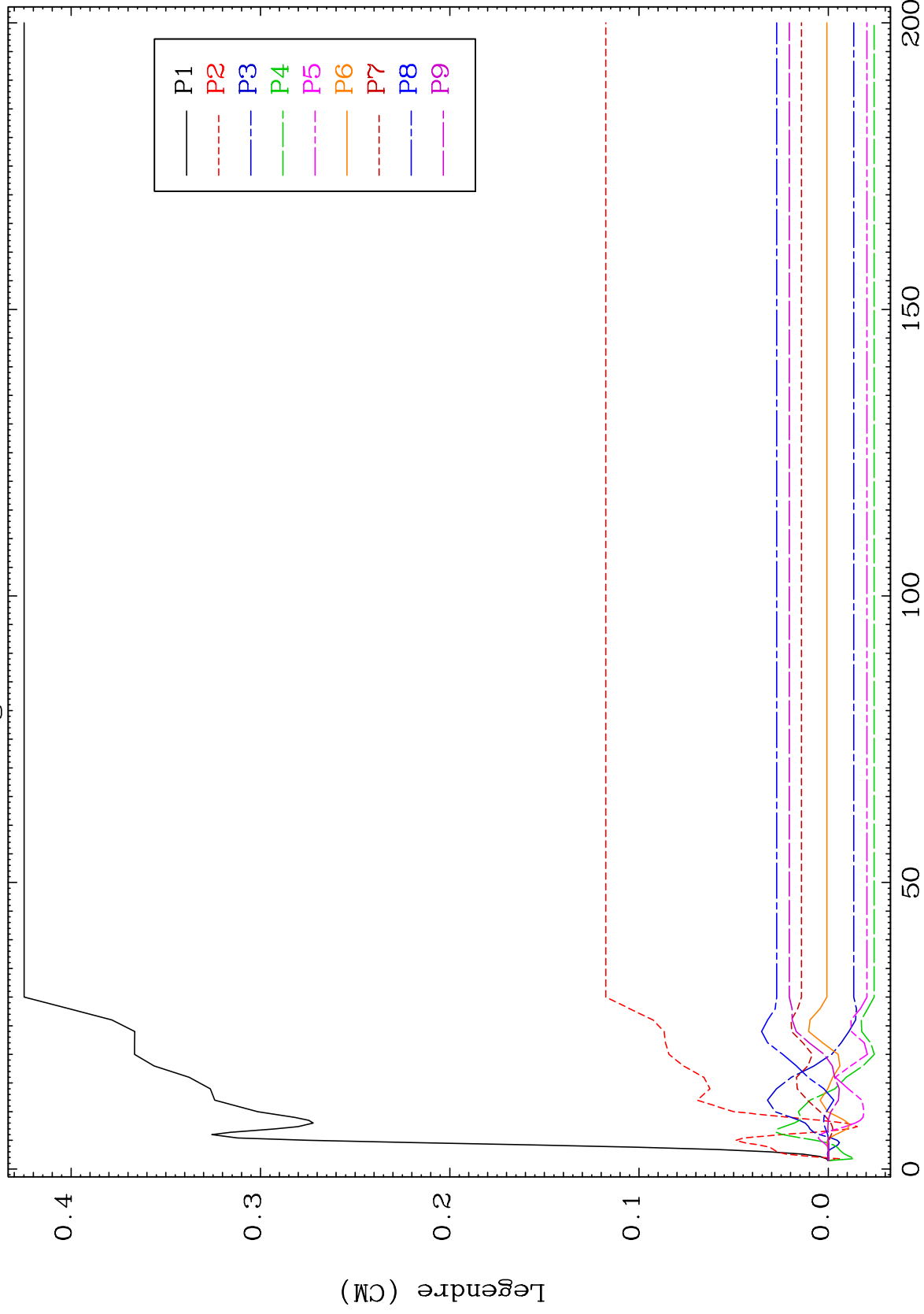




MAT 6625

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

66-Dy-156



83

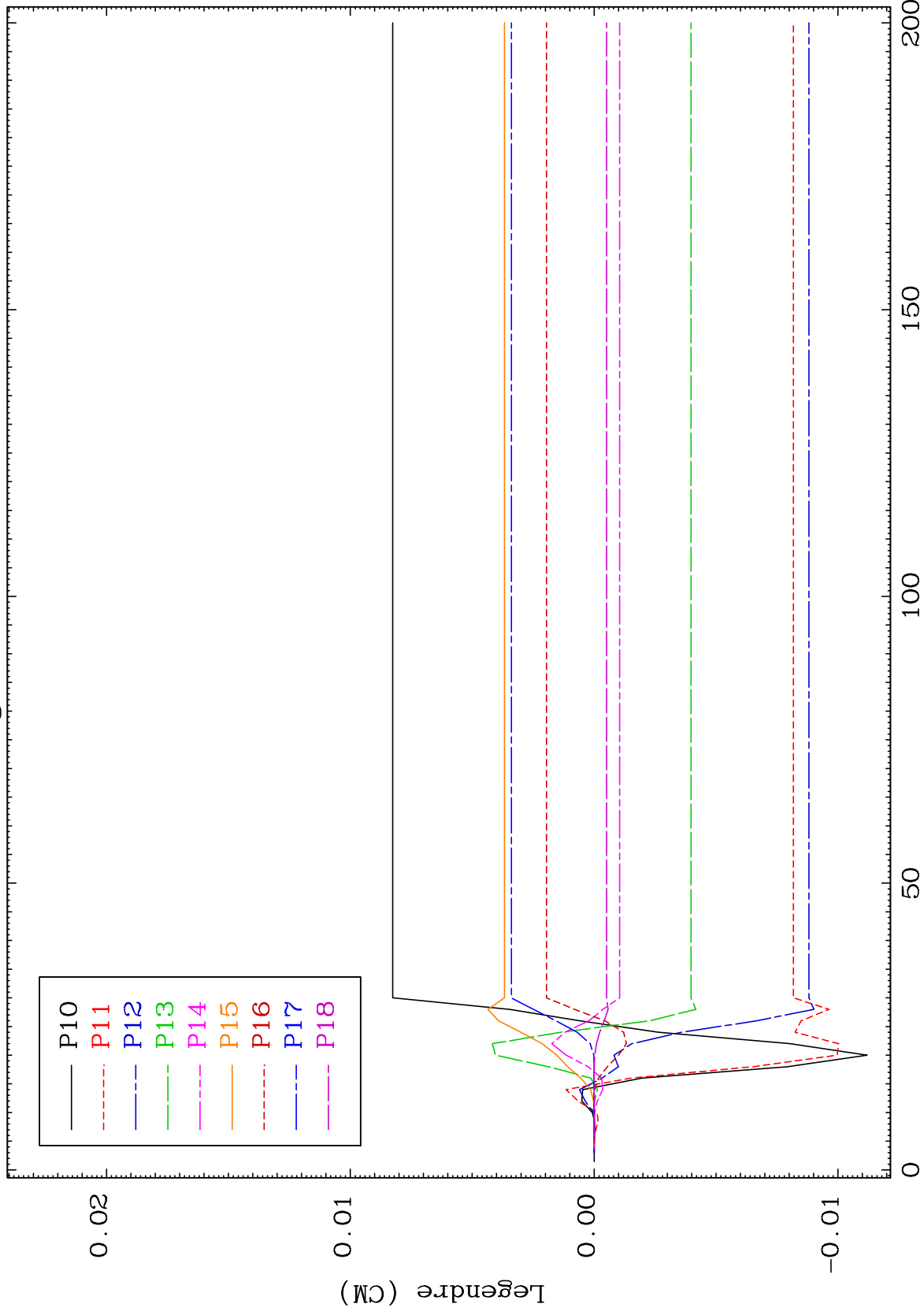
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



84

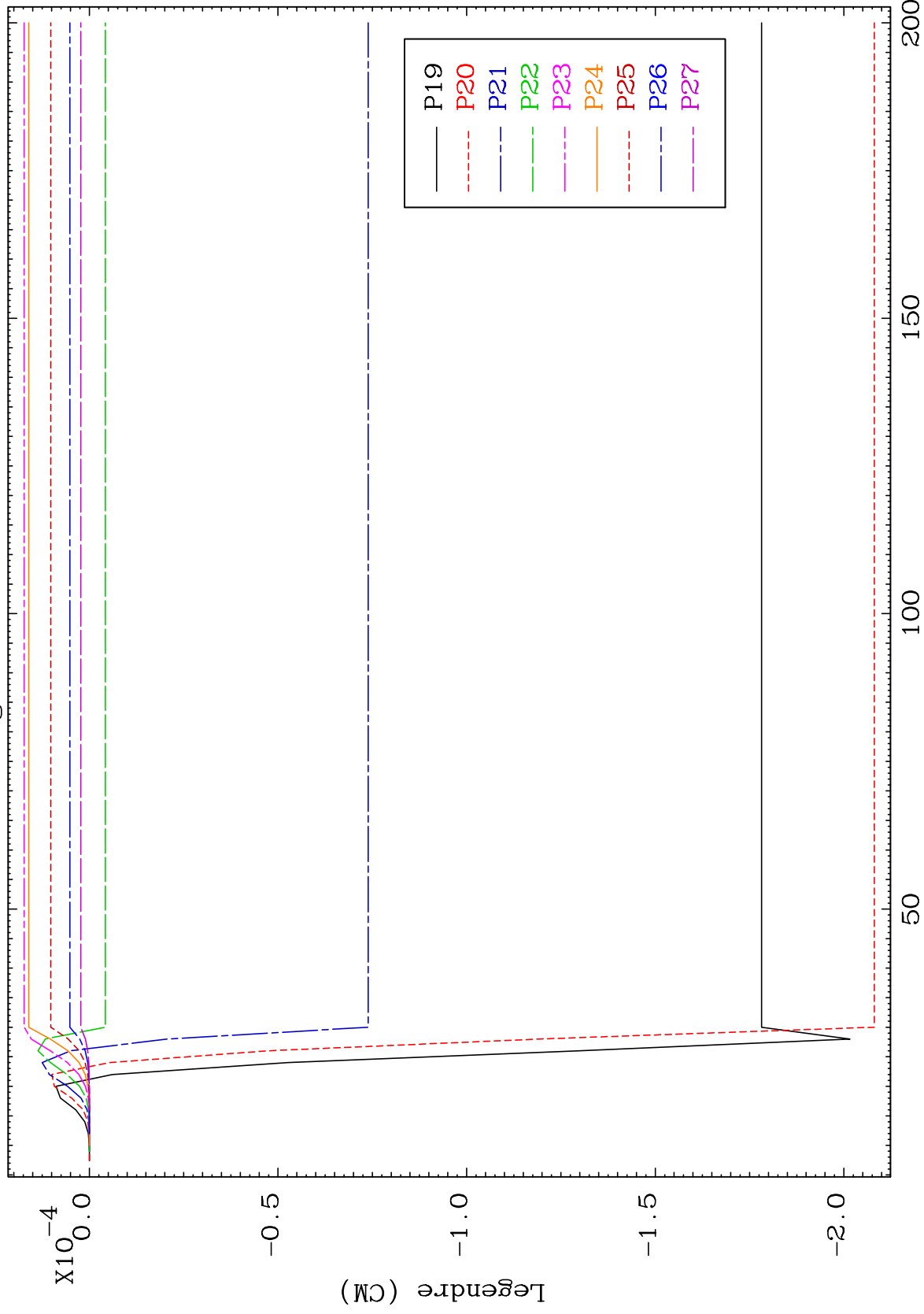
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

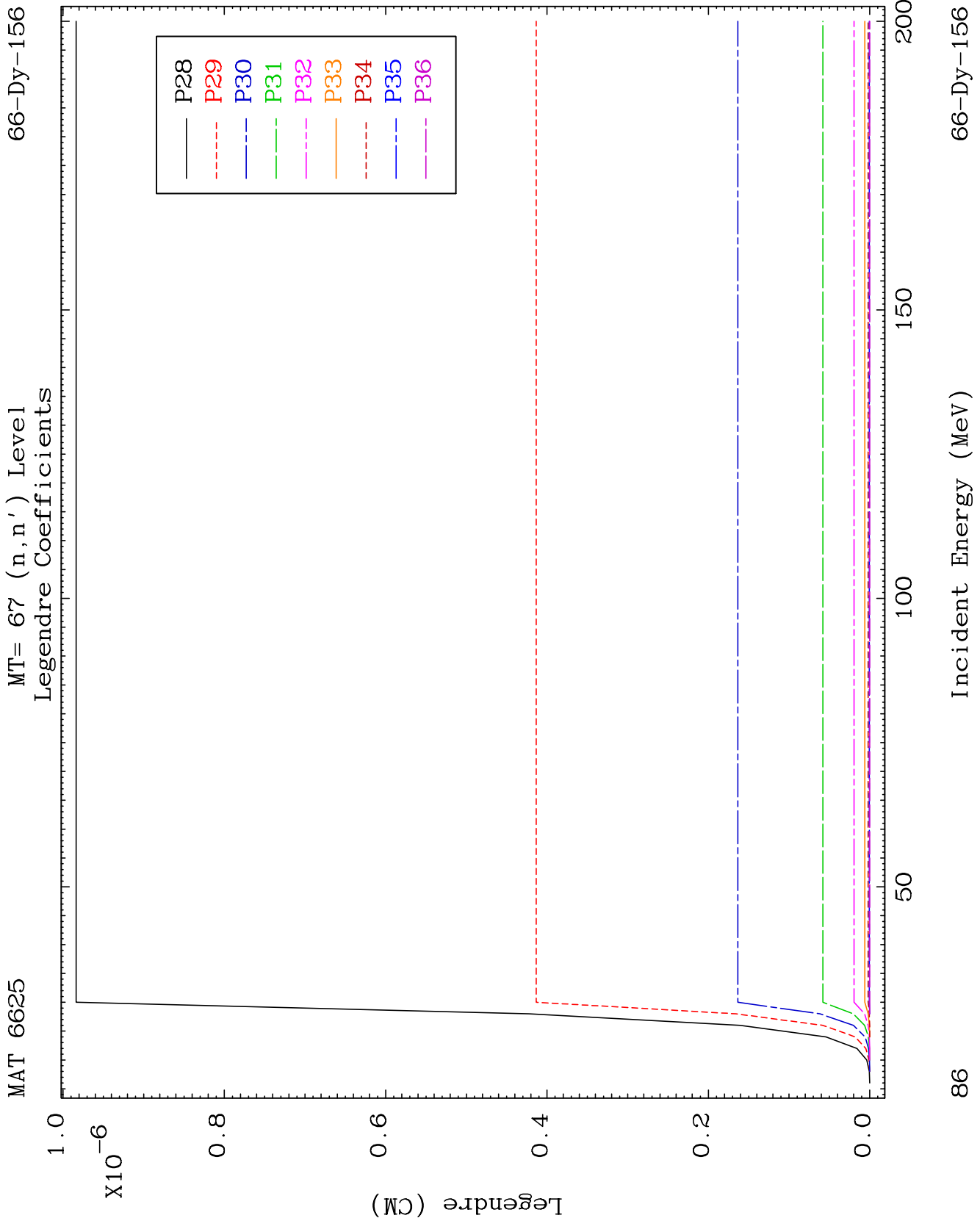
66-Dy-156



85

Incident Energy (MeV)

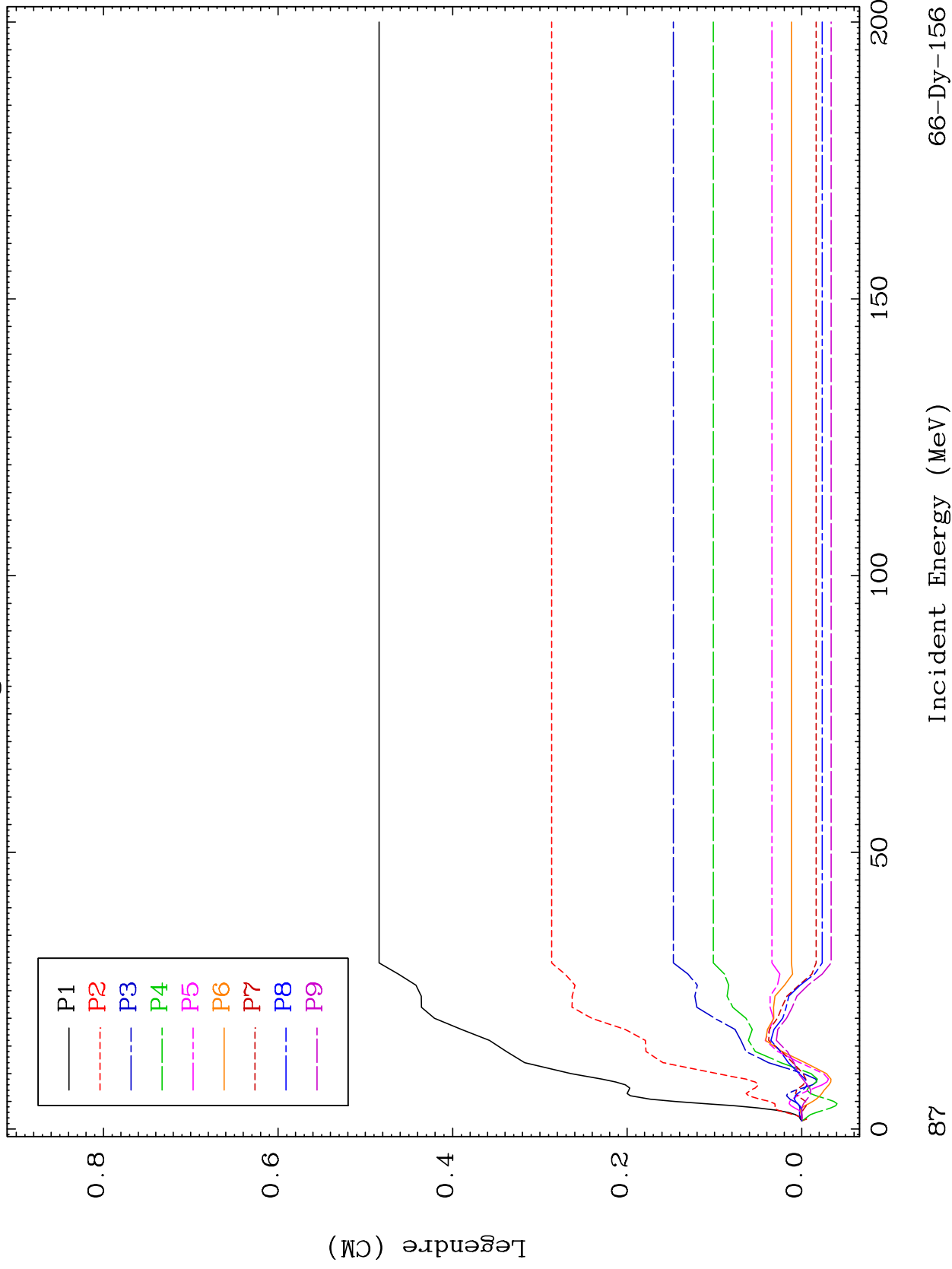
66-Dy-156

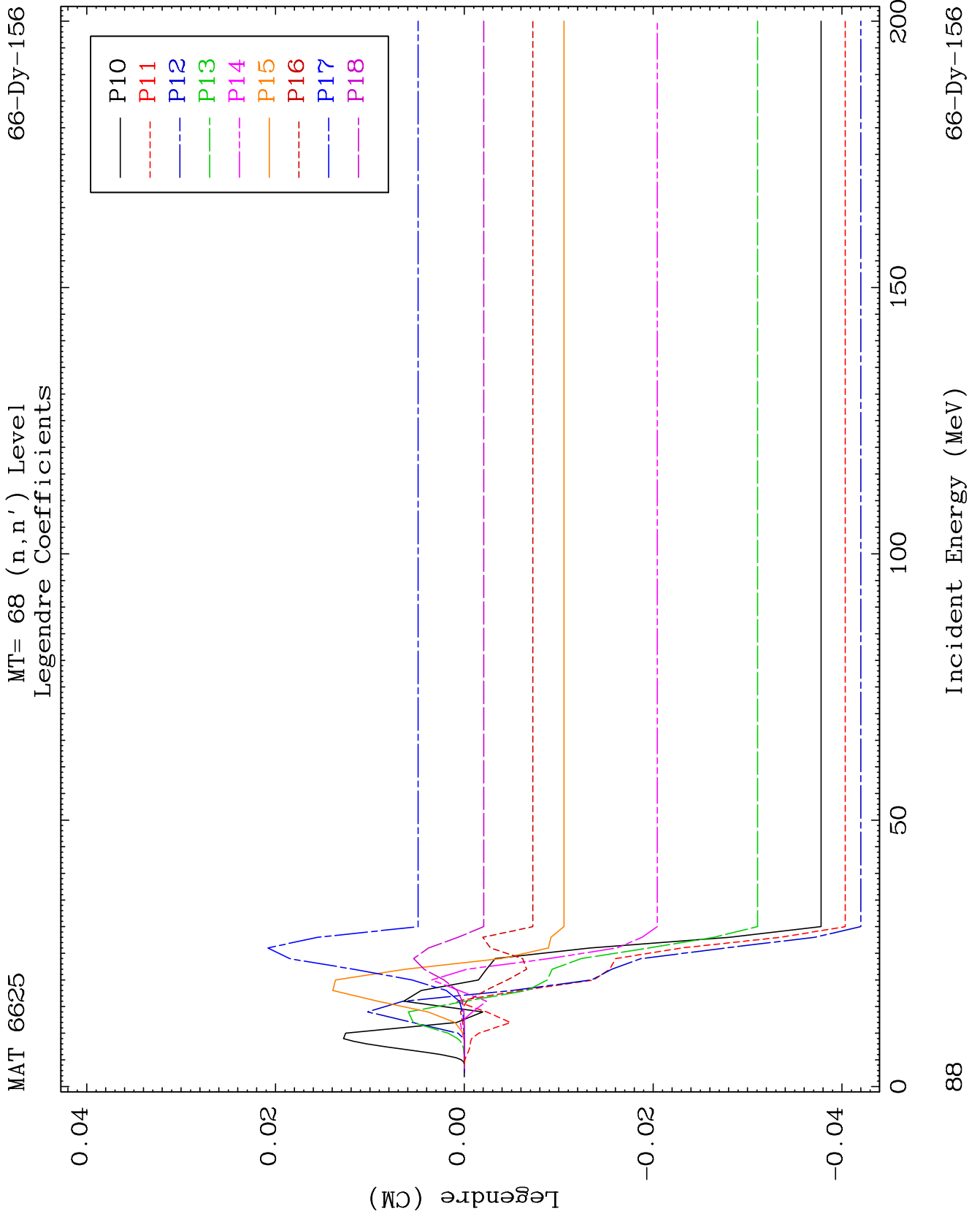


MAT 6625

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

66-Dy-156

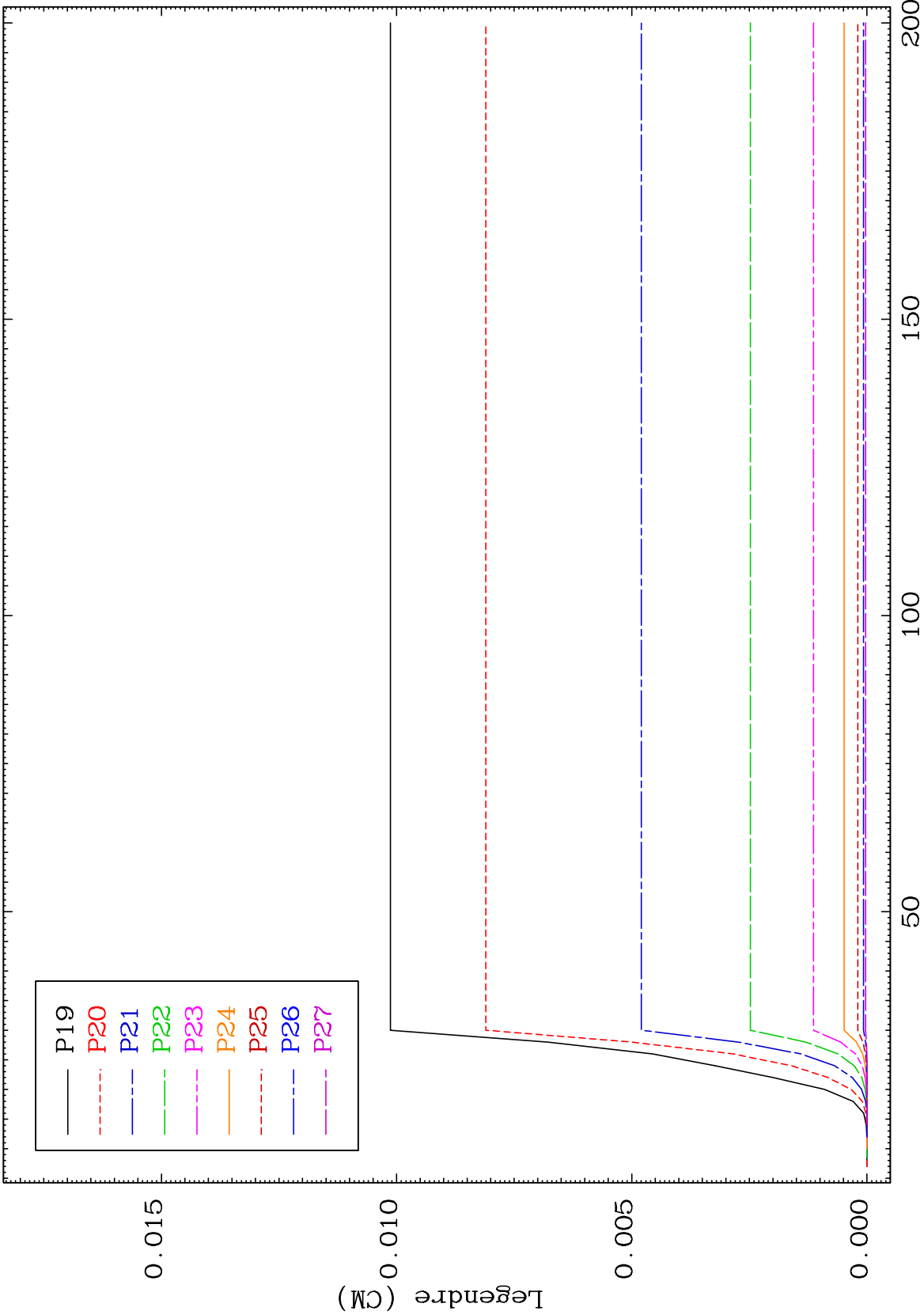




MAT 6625

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

66-Dy-156



89

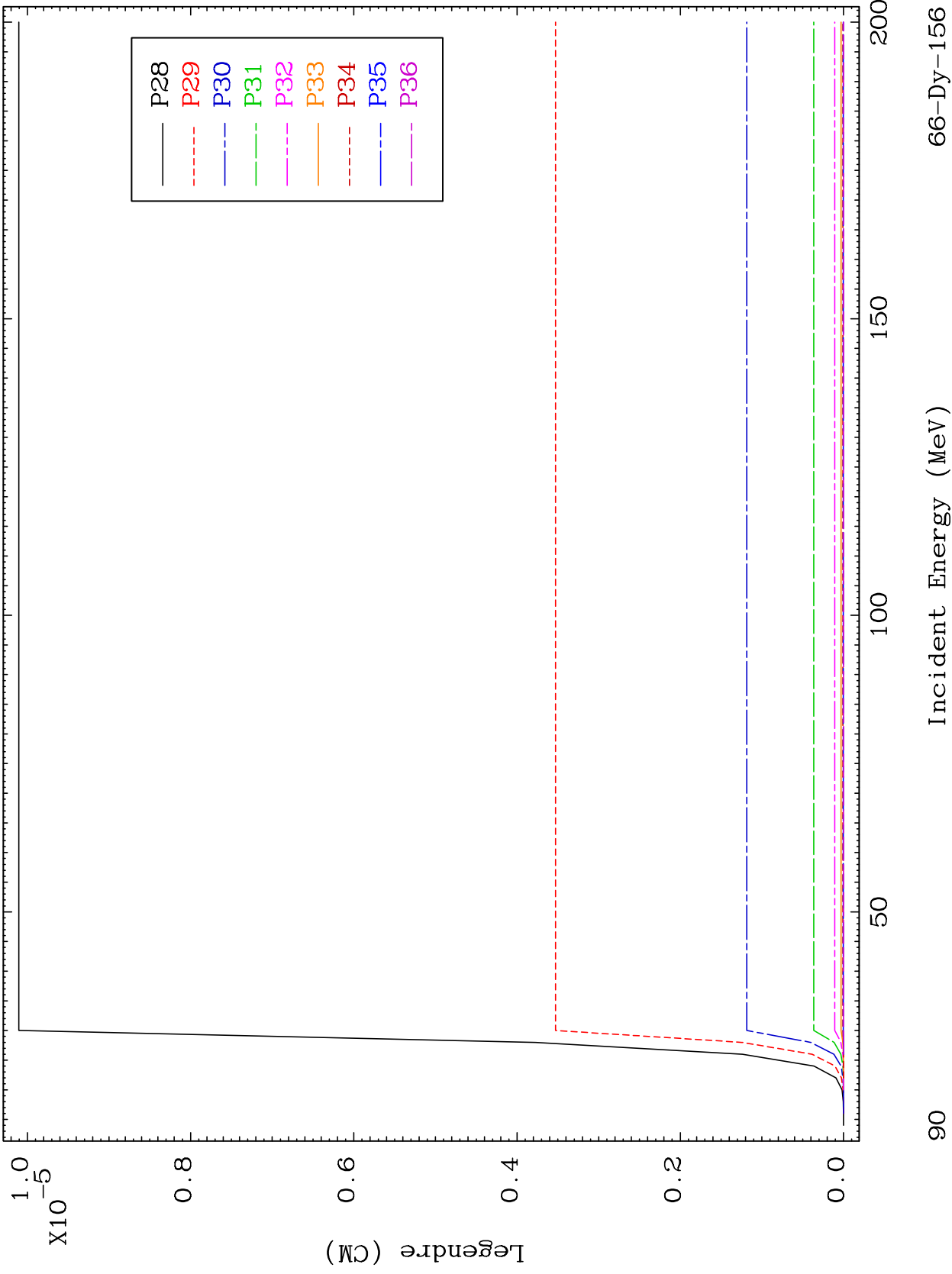
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



90

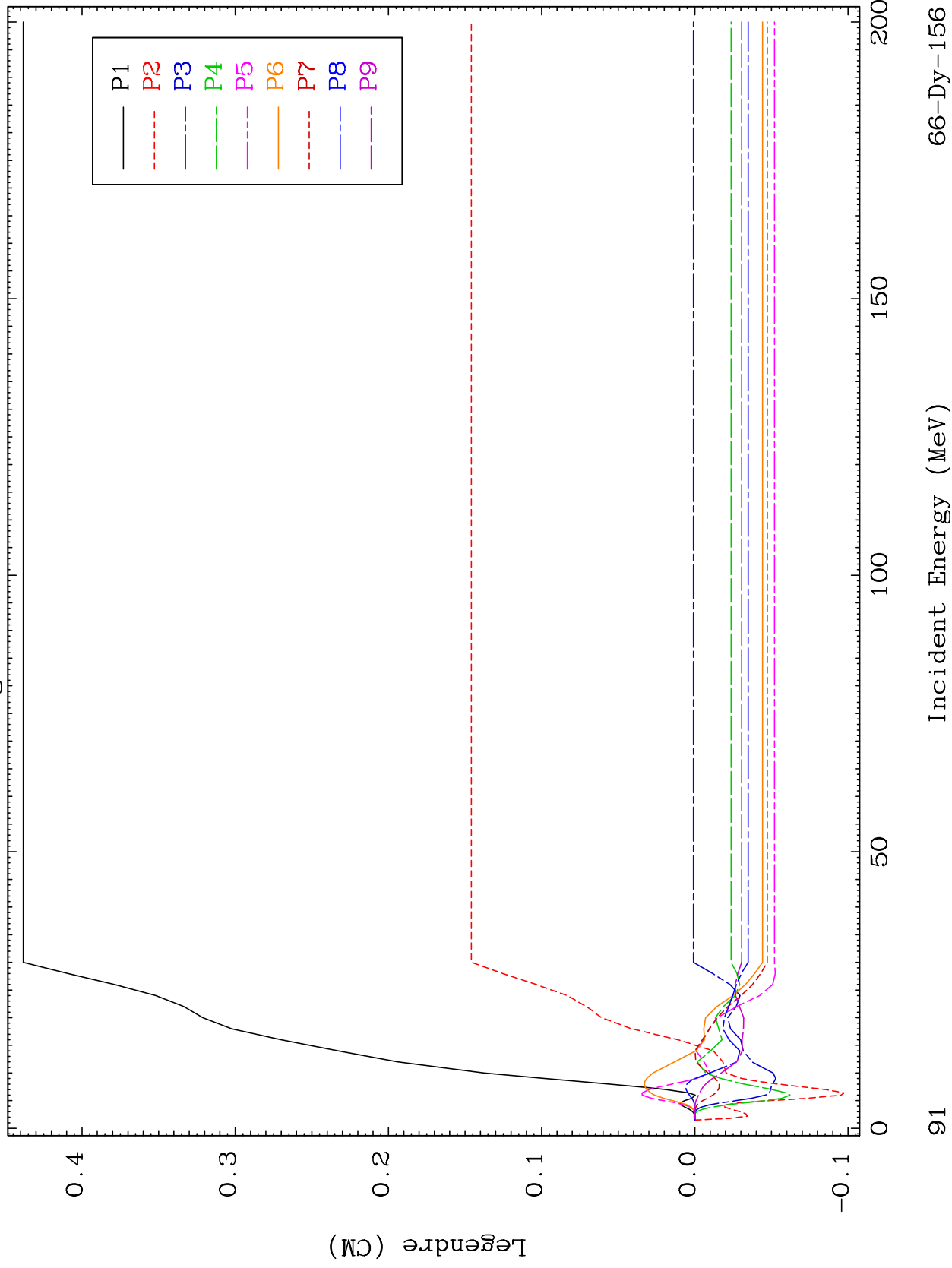
Incident Energy (MeV)

66-Dy-156

MAT 6625

MT= 69 (n,n') Level
Legendre Coefficients

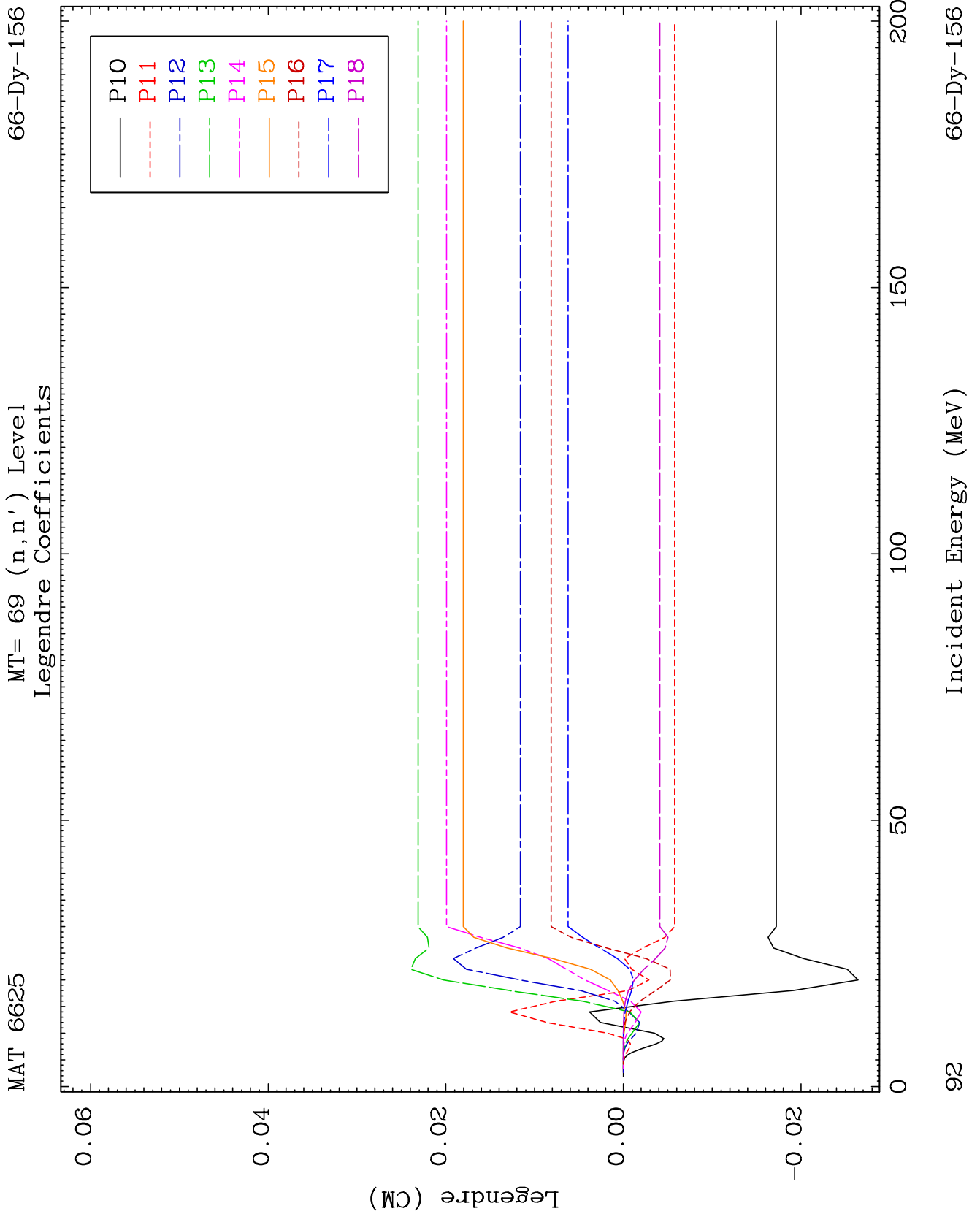
66-Dy-156



66-Dy-156

Incident Energy (MeV)

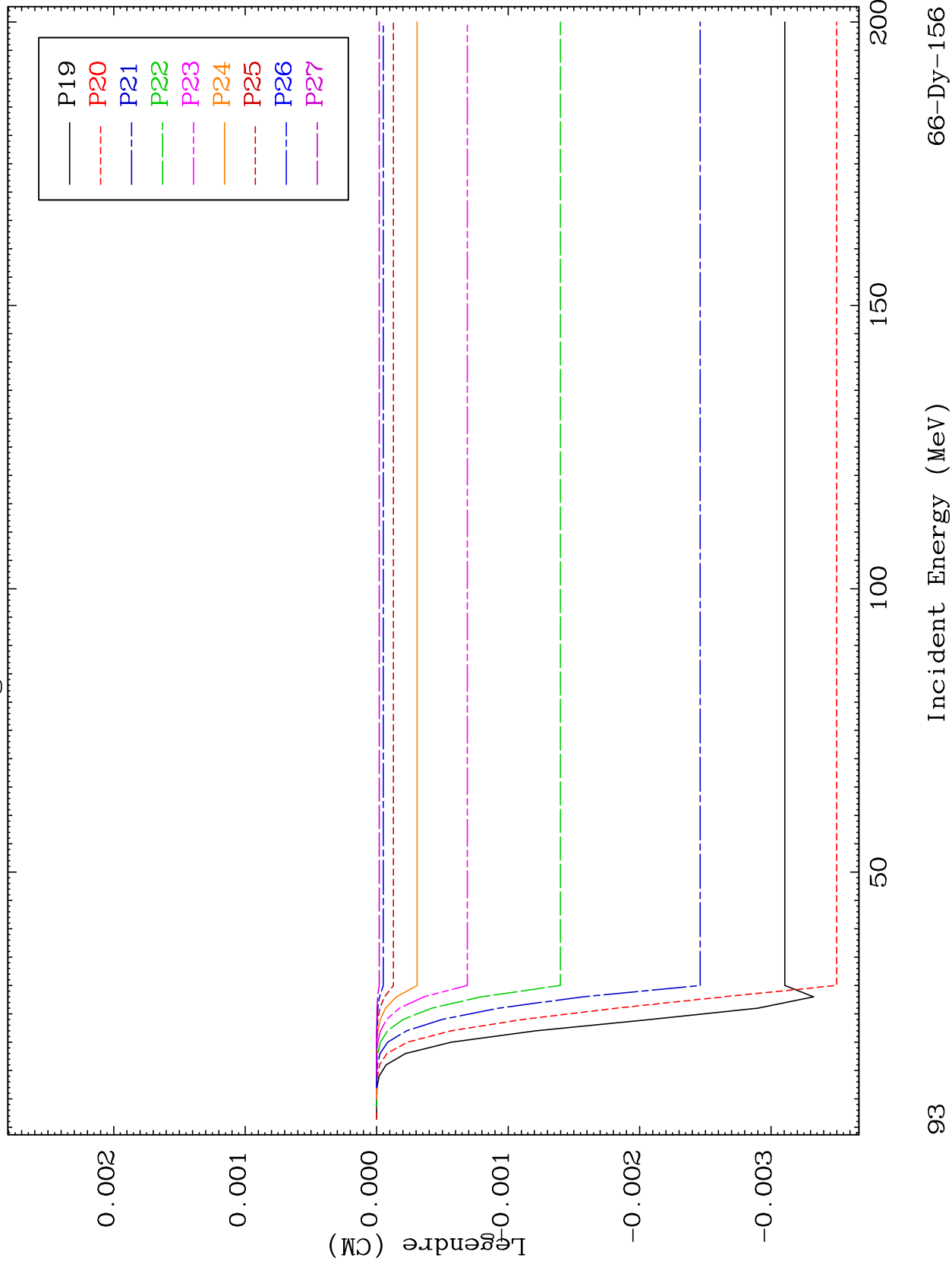
91



MAT 6625

MT= 69 (n,n') Level
Legendre Coefficients

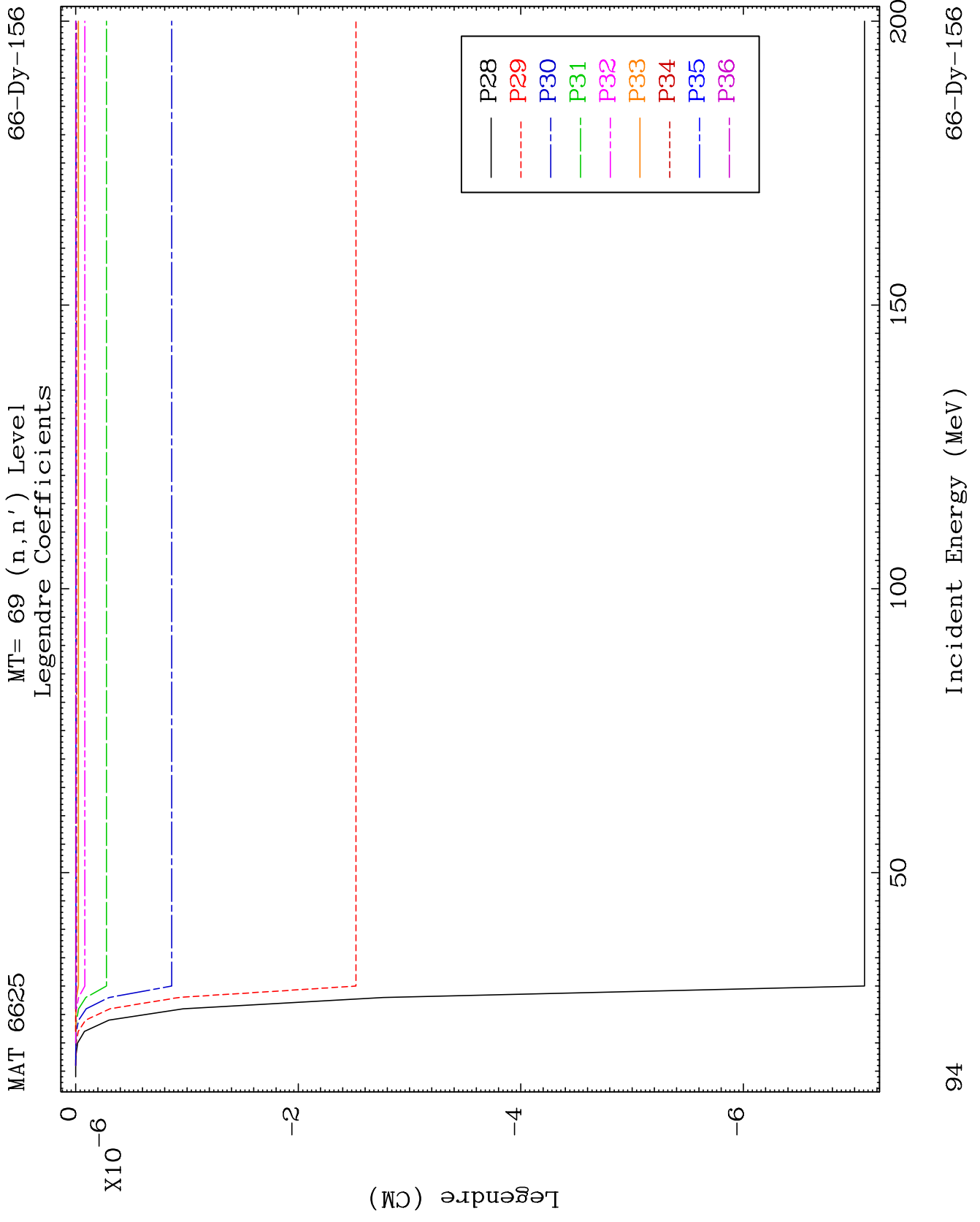
66-Dy-156

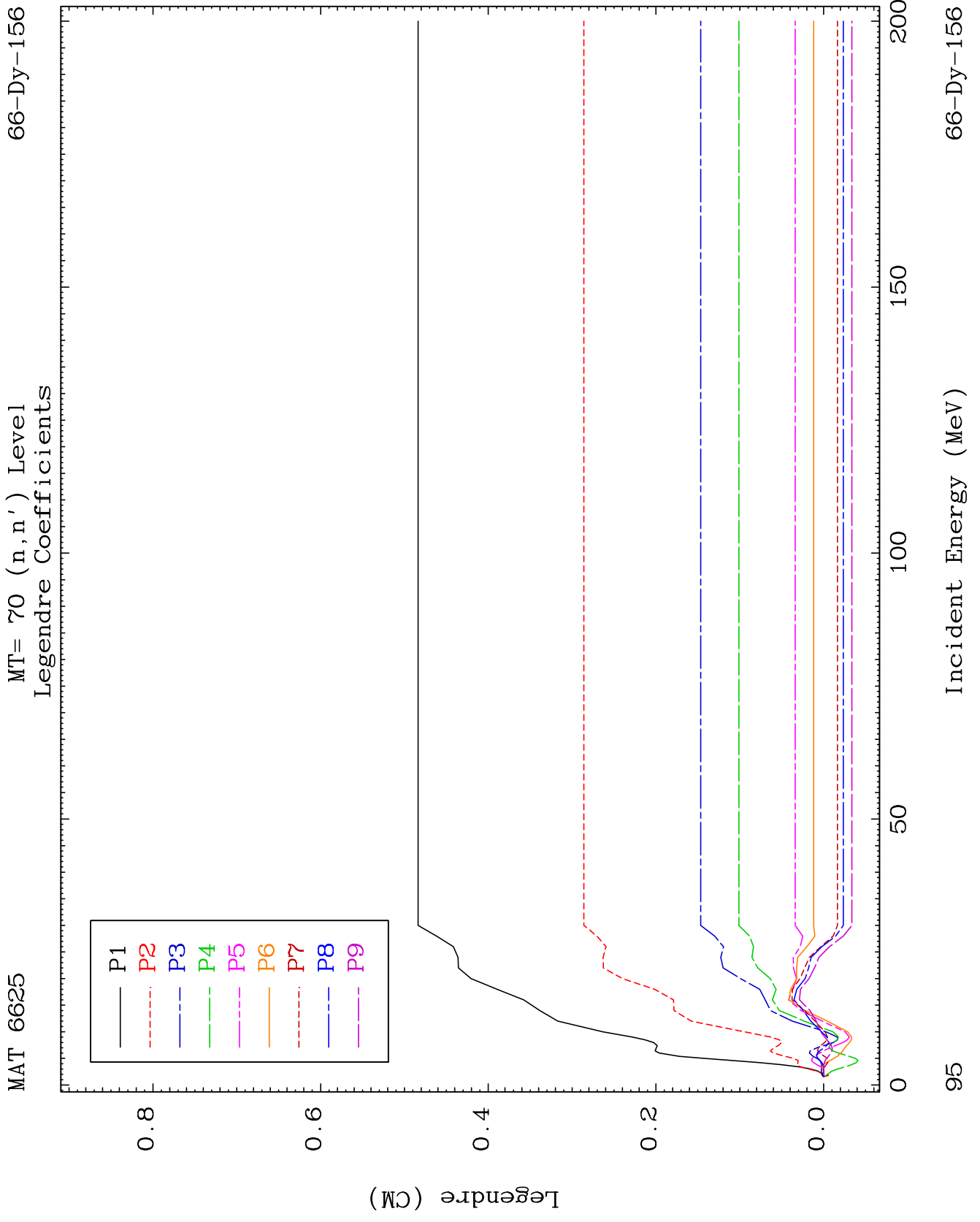


93

Incident Energy (MeV)

66-Dy-156

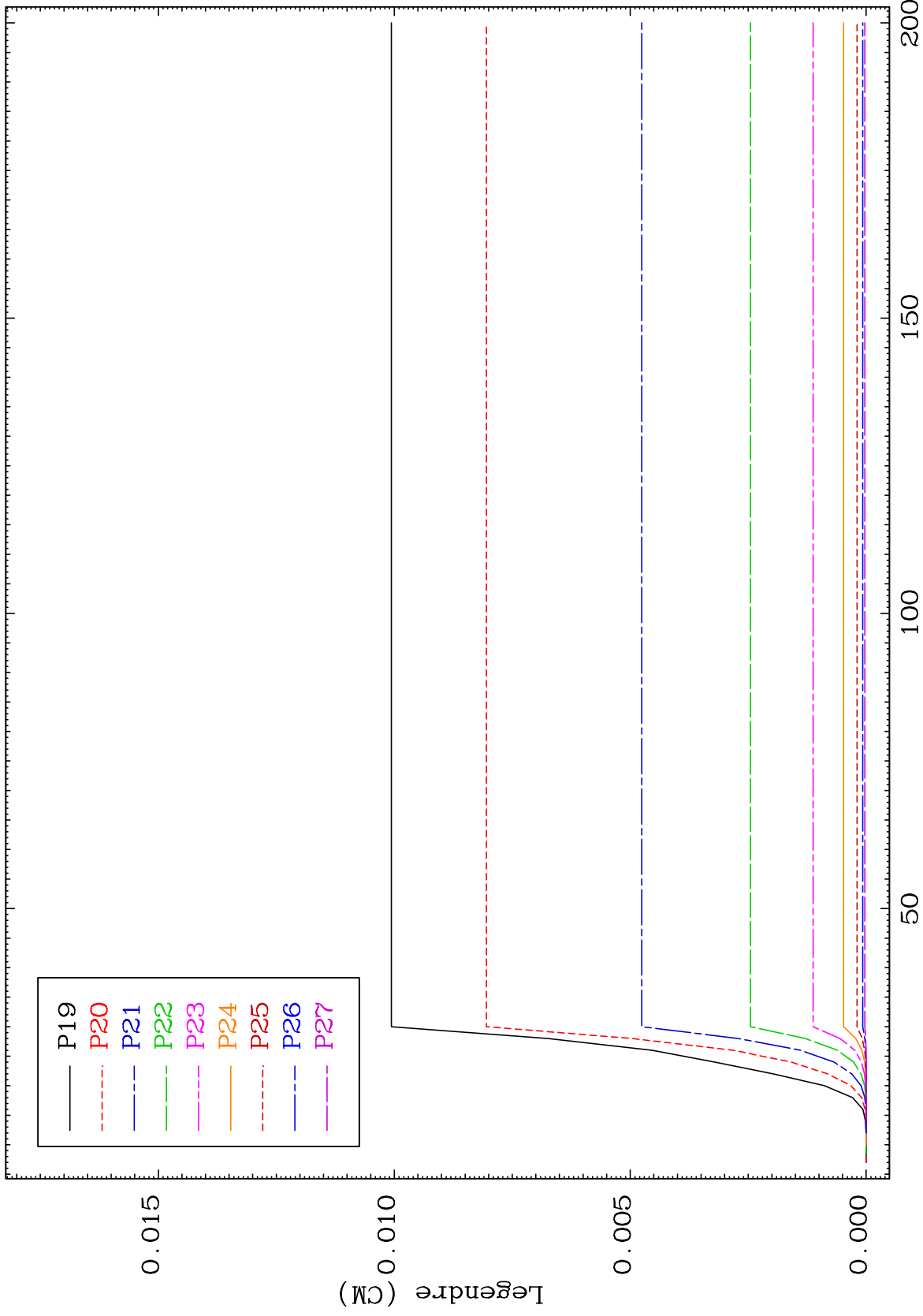




MAT 6625

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

66-Dy-156



97

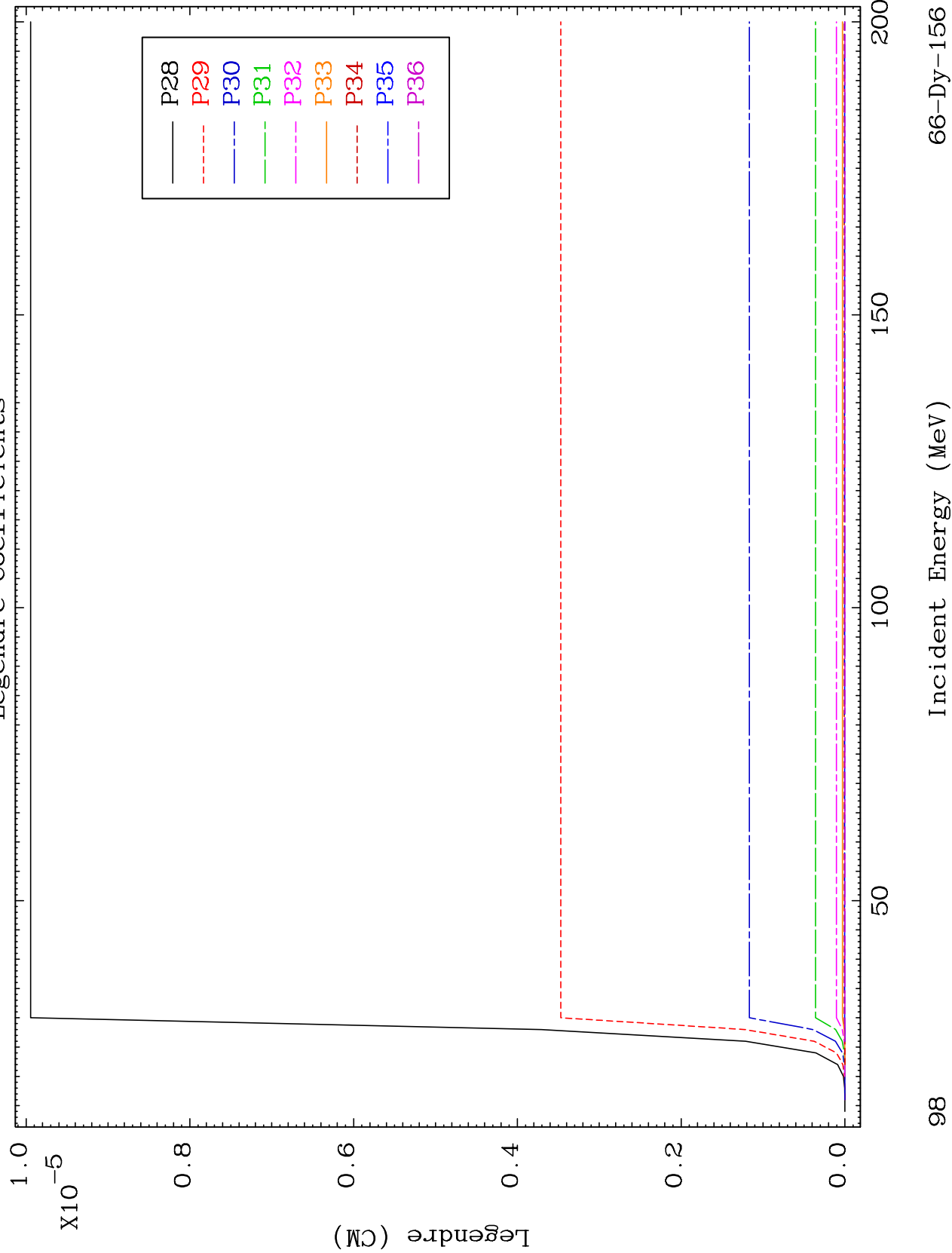
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



98

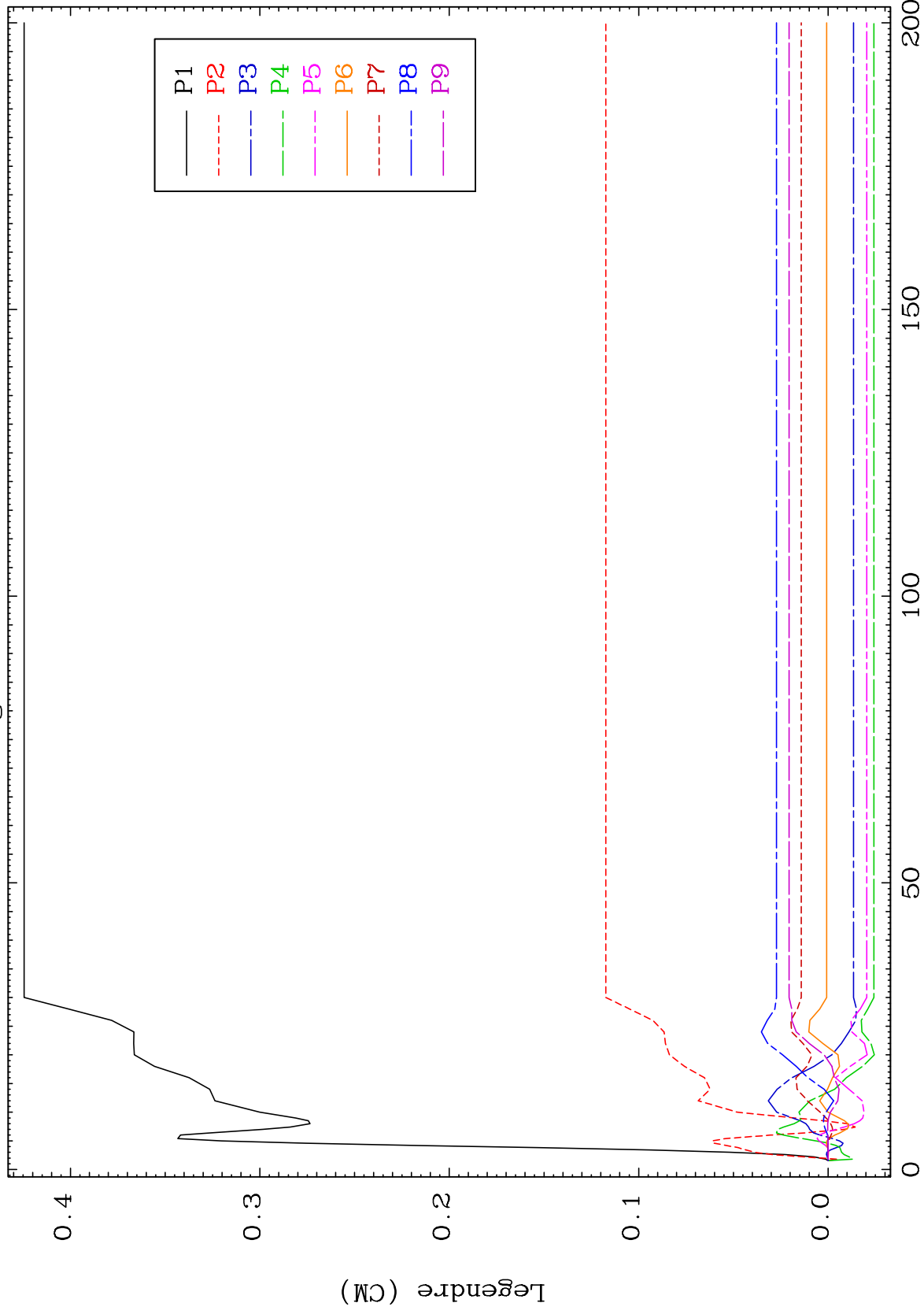
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



99

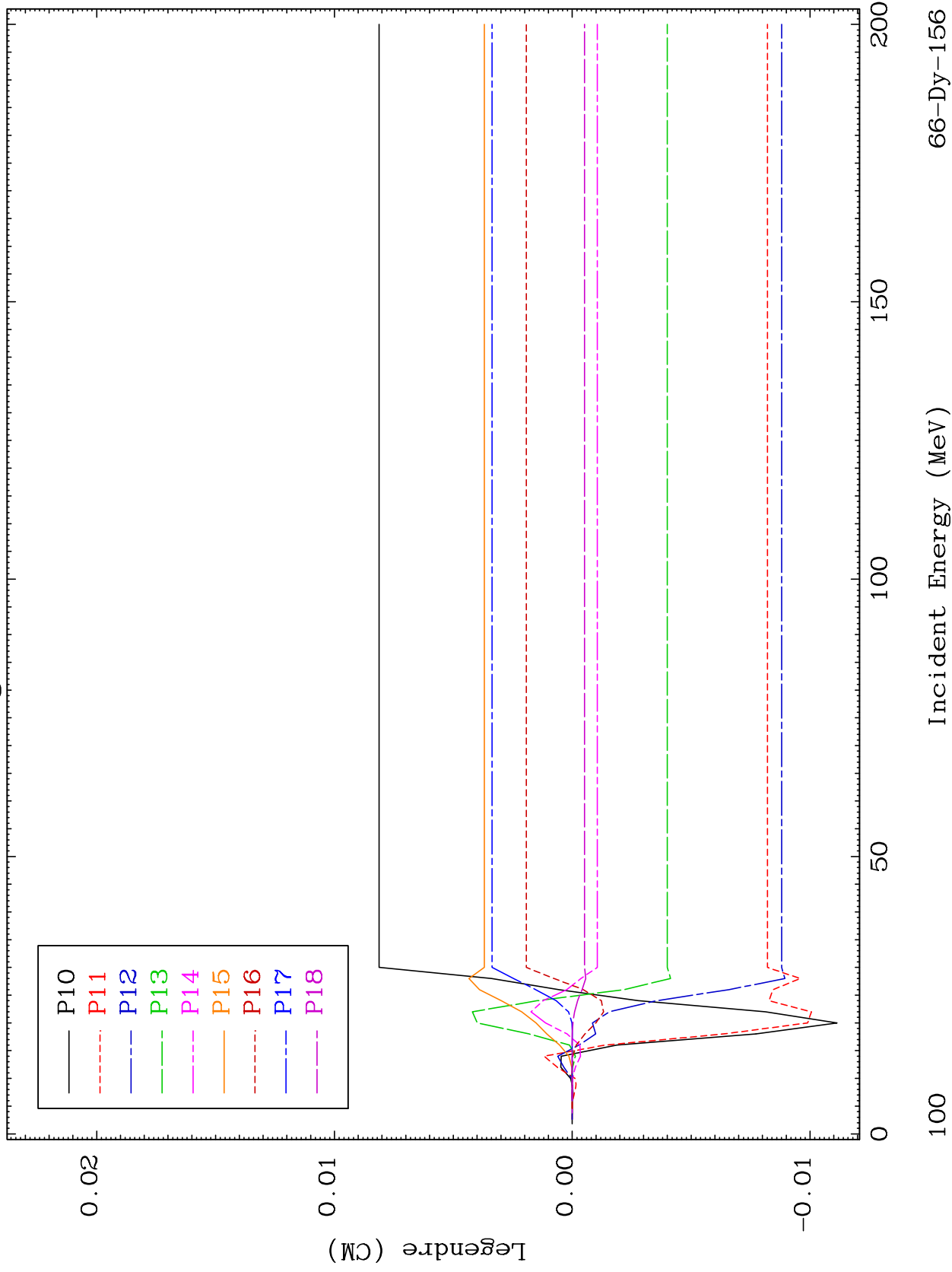
Incident Energy (MeV)

66-Dy-156

MAT 6625

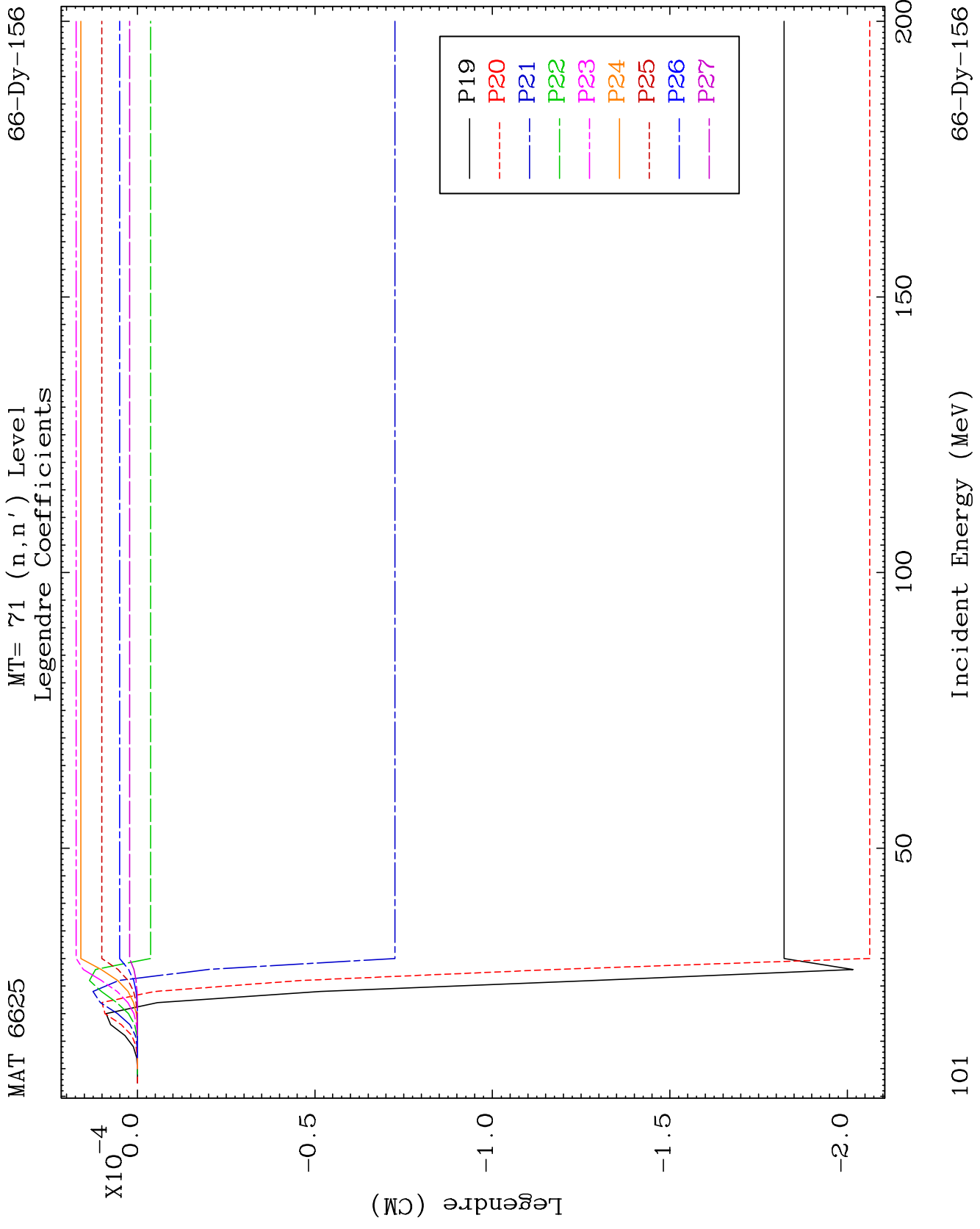
MT= 71 (n,n') Level
Legendre Coefficients

66-Dy-156



66-Dy-156

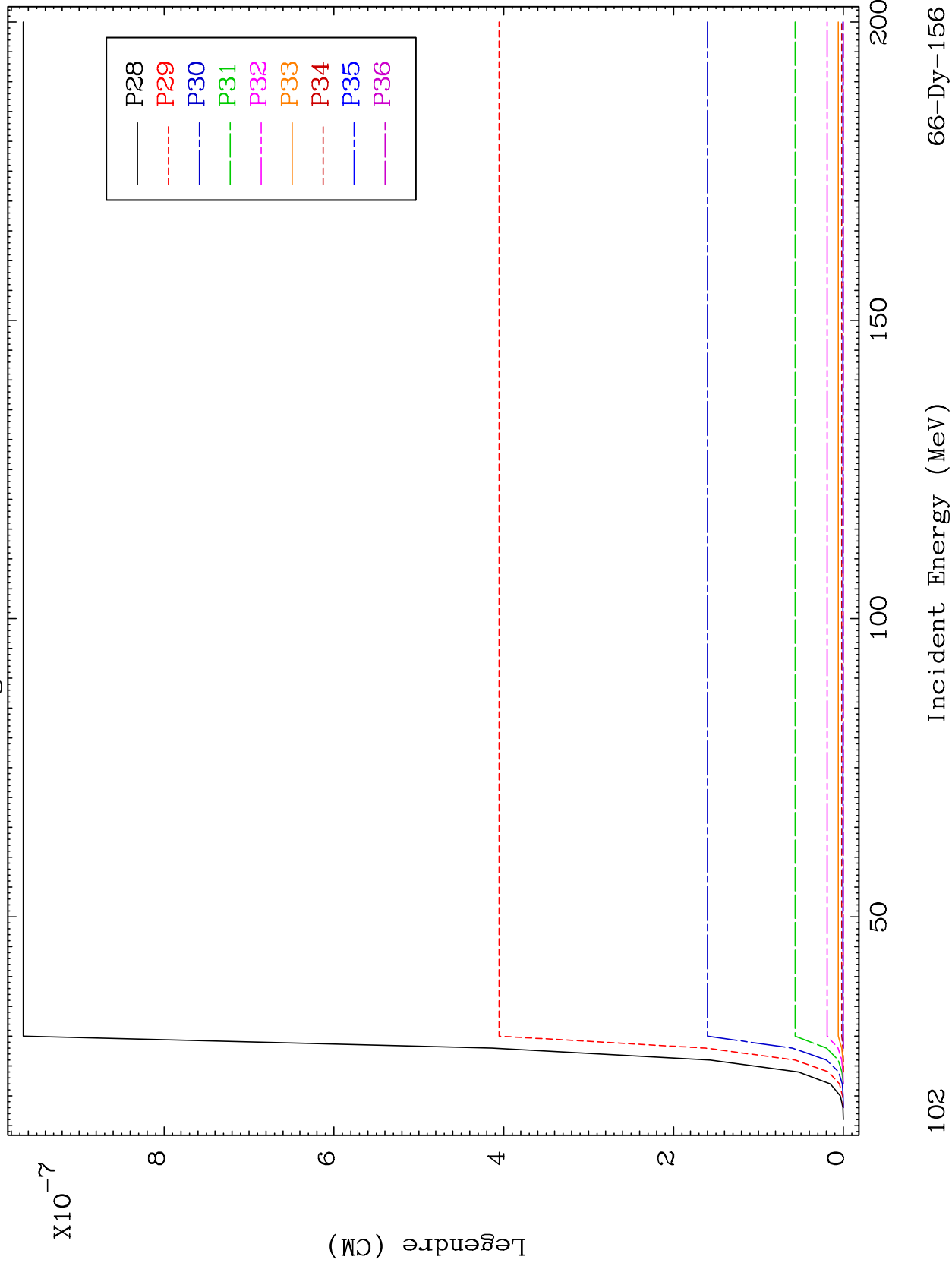
Incident Energy (MeV)



MAT 6625

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

66-Dy-156



102

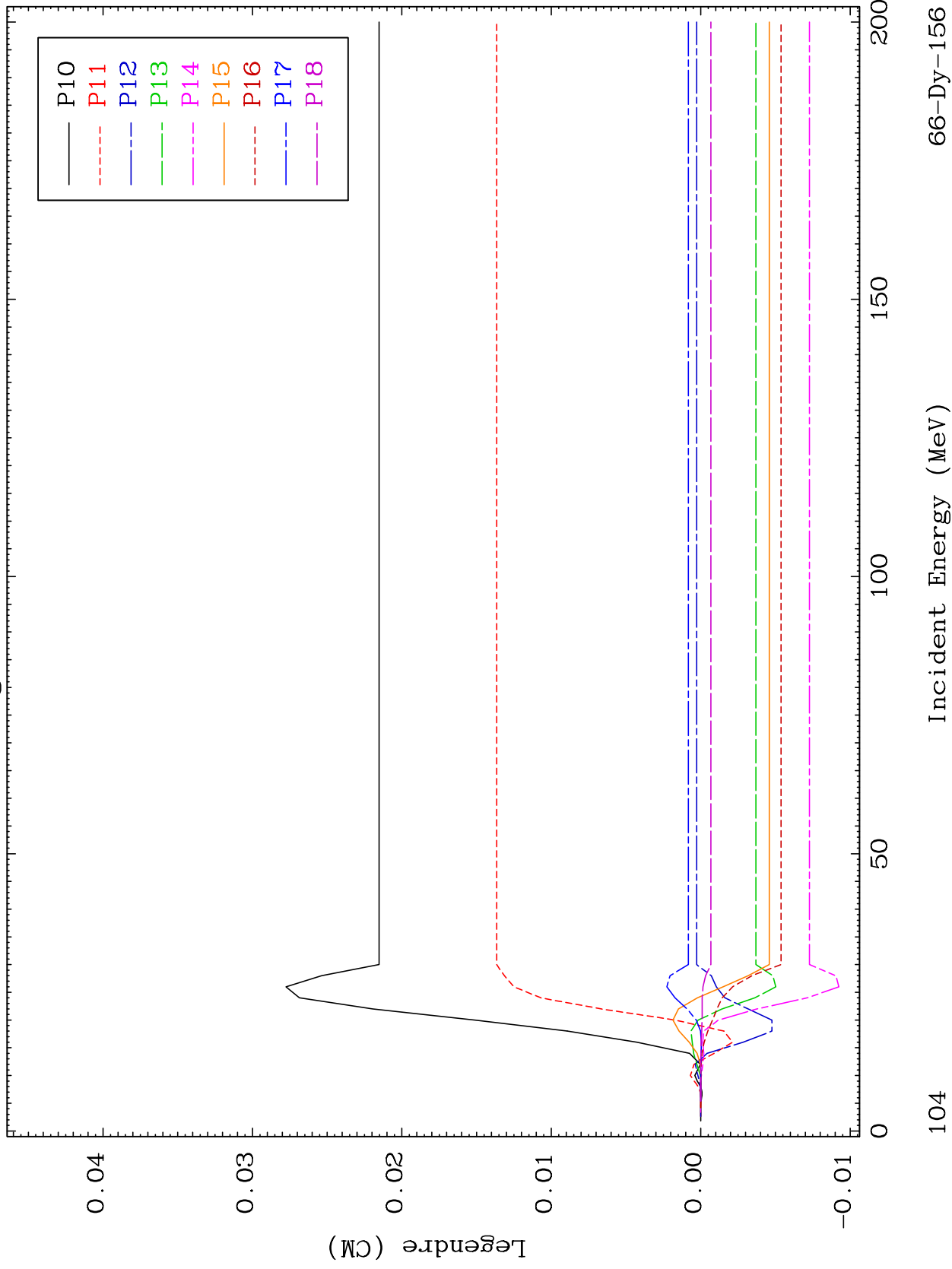
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

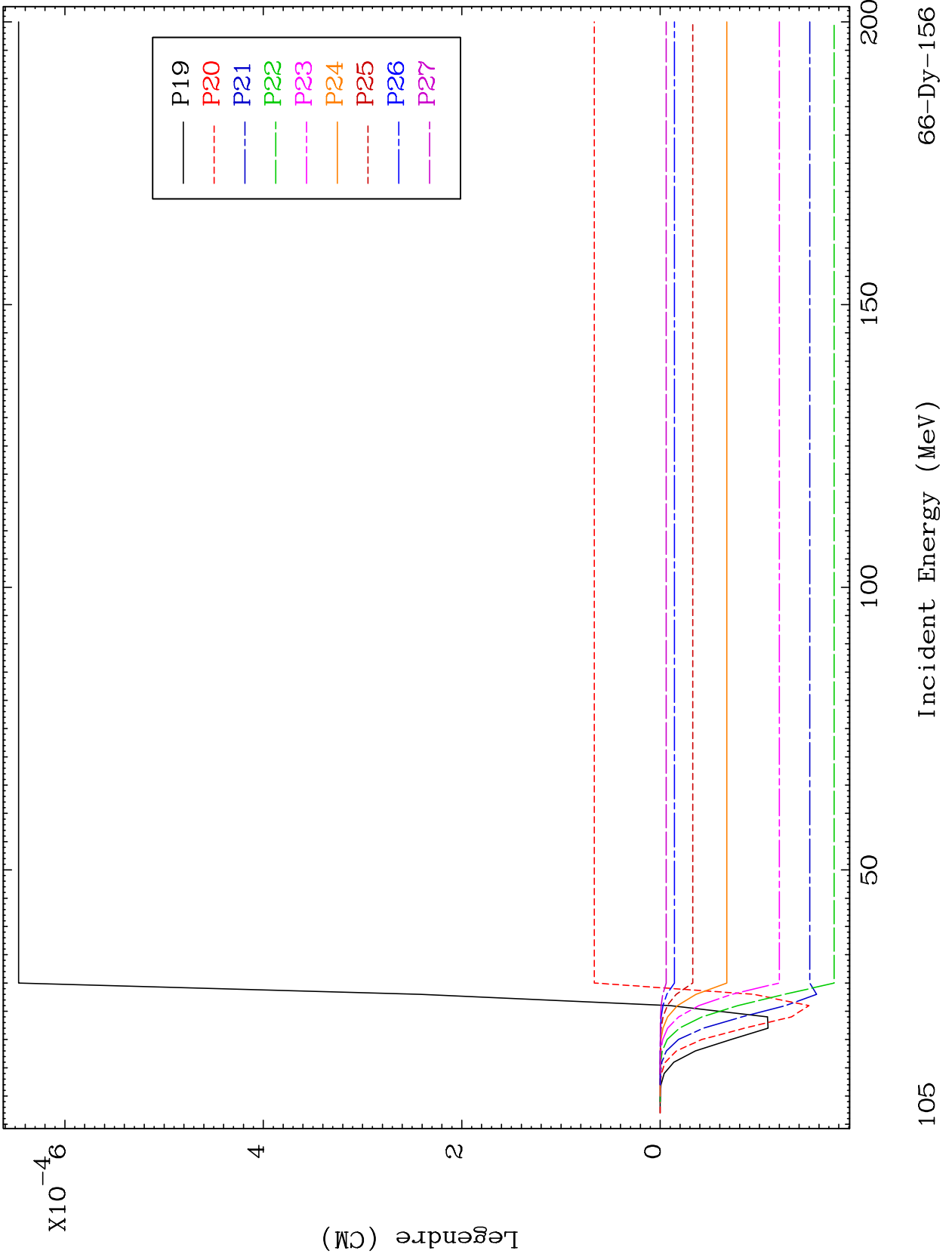
Incident Energy (MeV)

104

MAT 6625

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

66-Dy-156



105

Incident Energy (MeV)

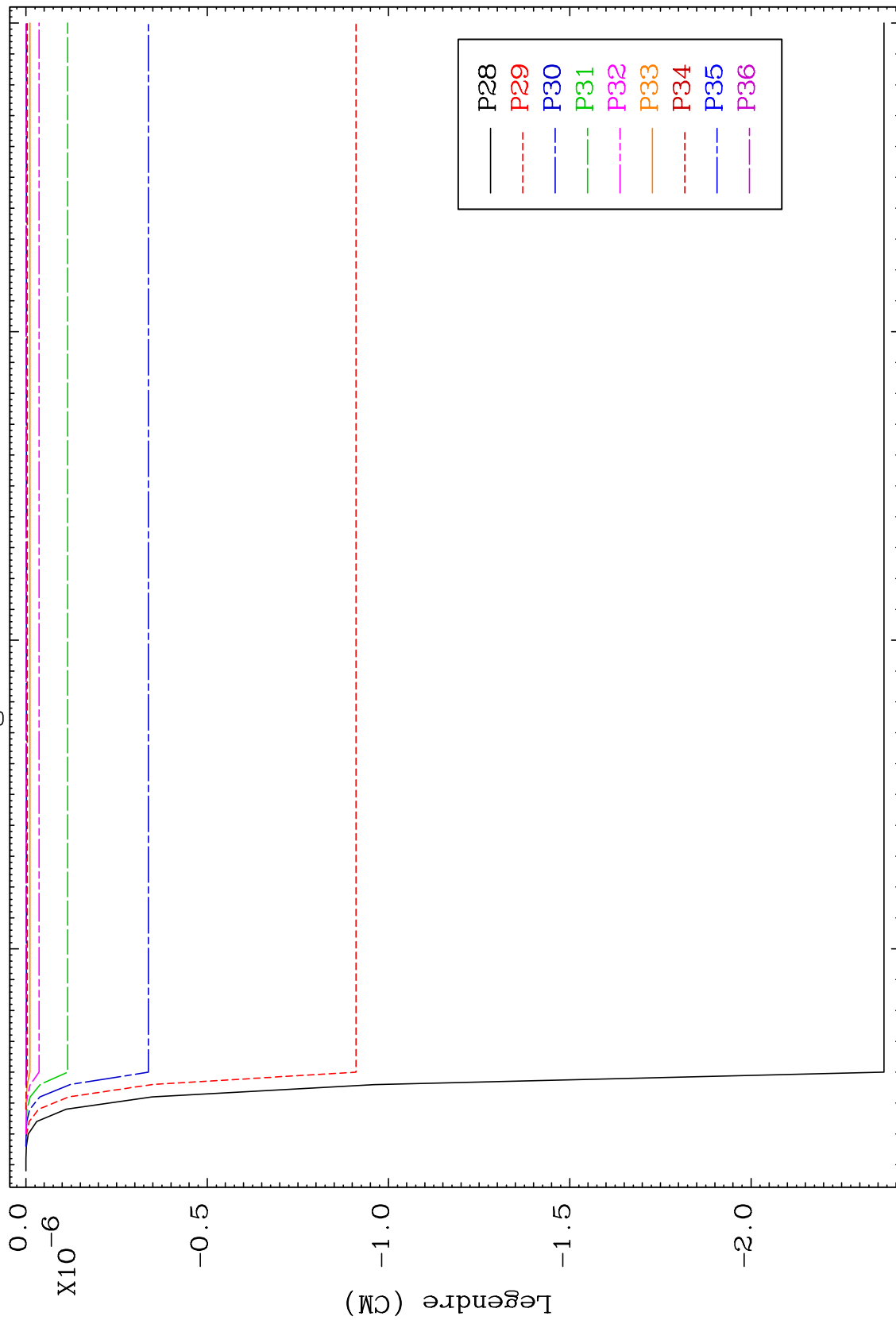
66-Dy-156

MAT 6625

MT= 72 (n,n') Level

66-Dy-156

Legendre Coefficients



66-Dy-156

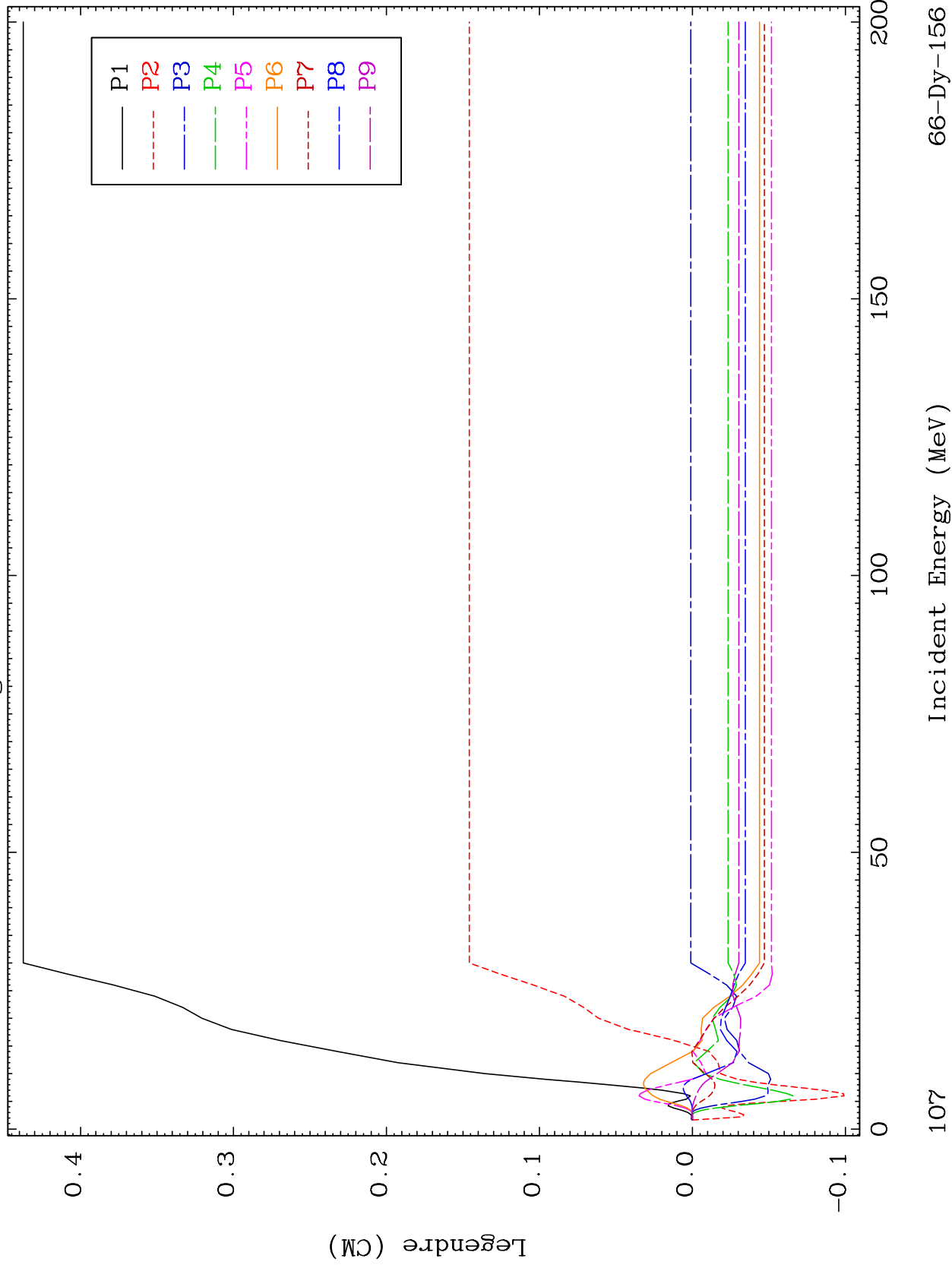
Incident Energy (MeV)

106

MAT 6625

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

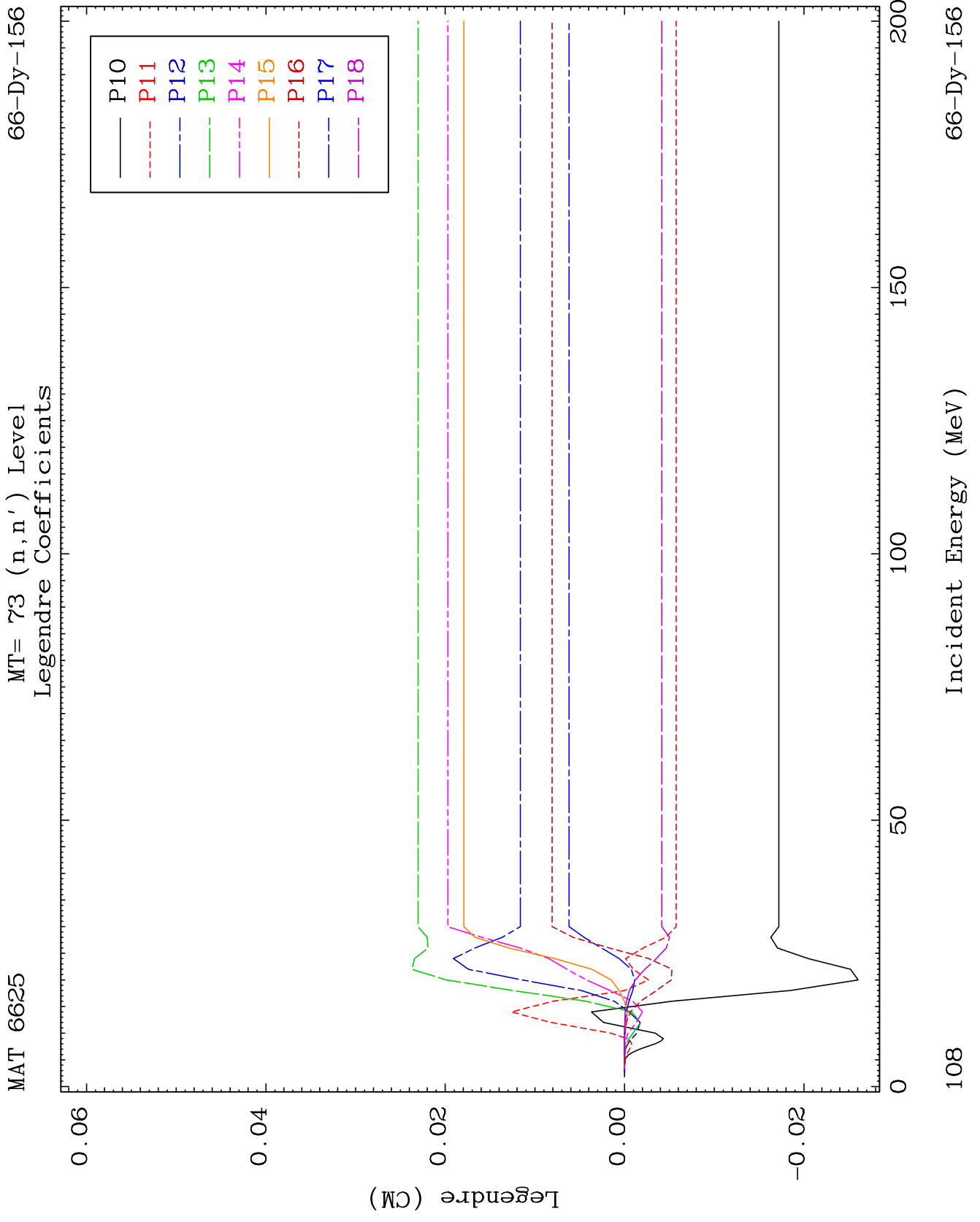
66-Dy-156

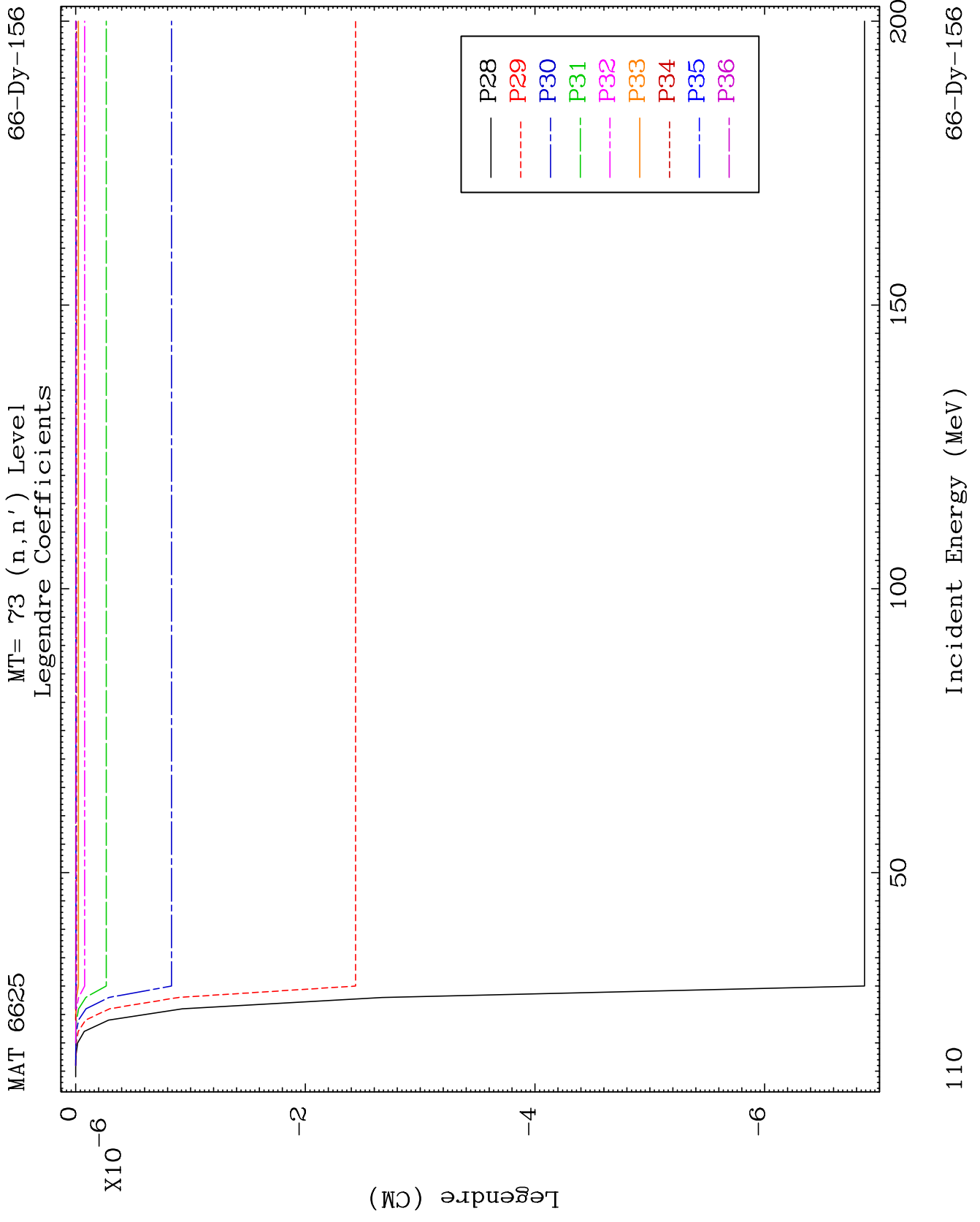


66-Dy-156

Incident Energy (MeV)

107

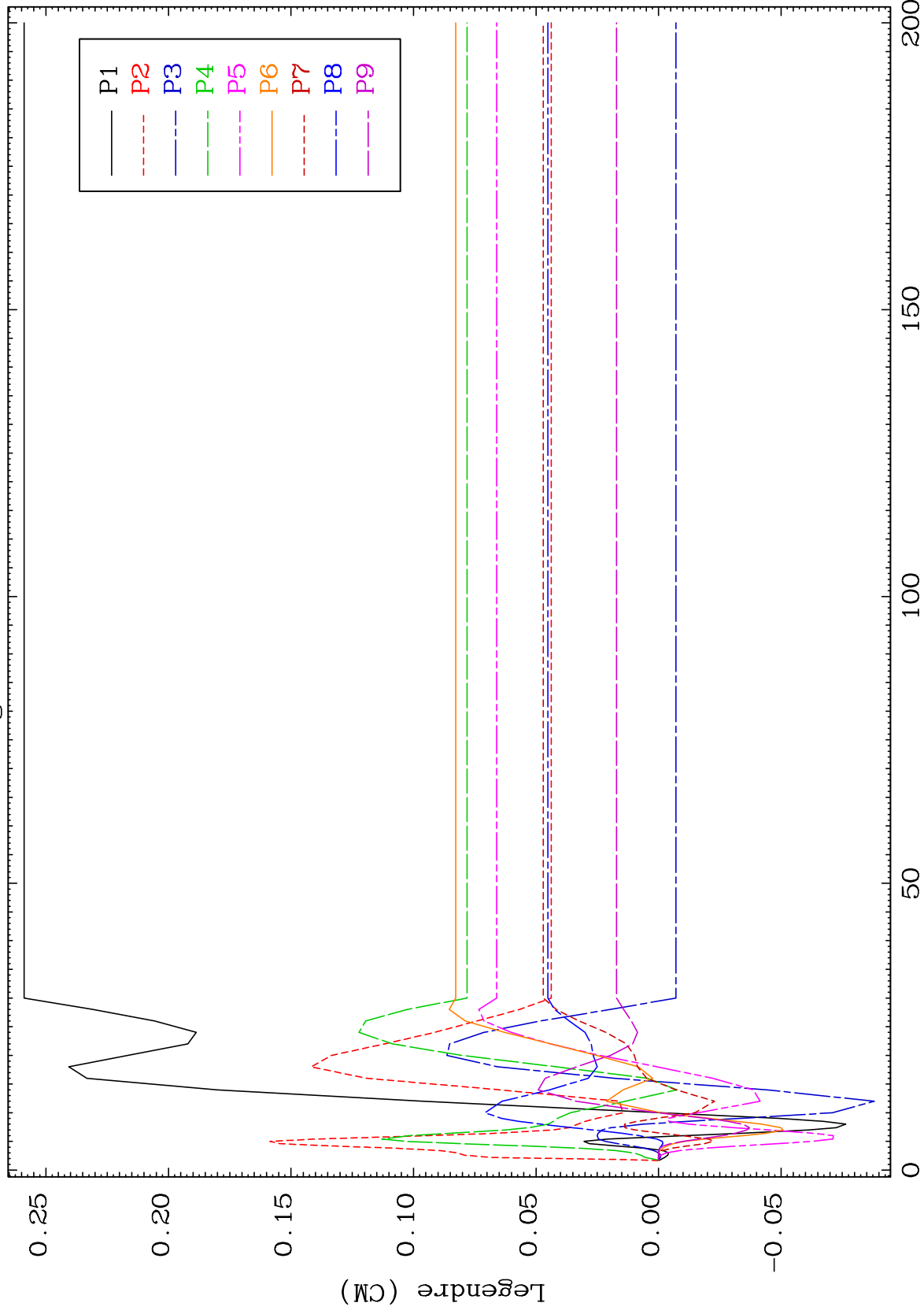




MAT 6625

MT= 74 (n,n') Level
Legendre Coefficients

66-Dy-156



111

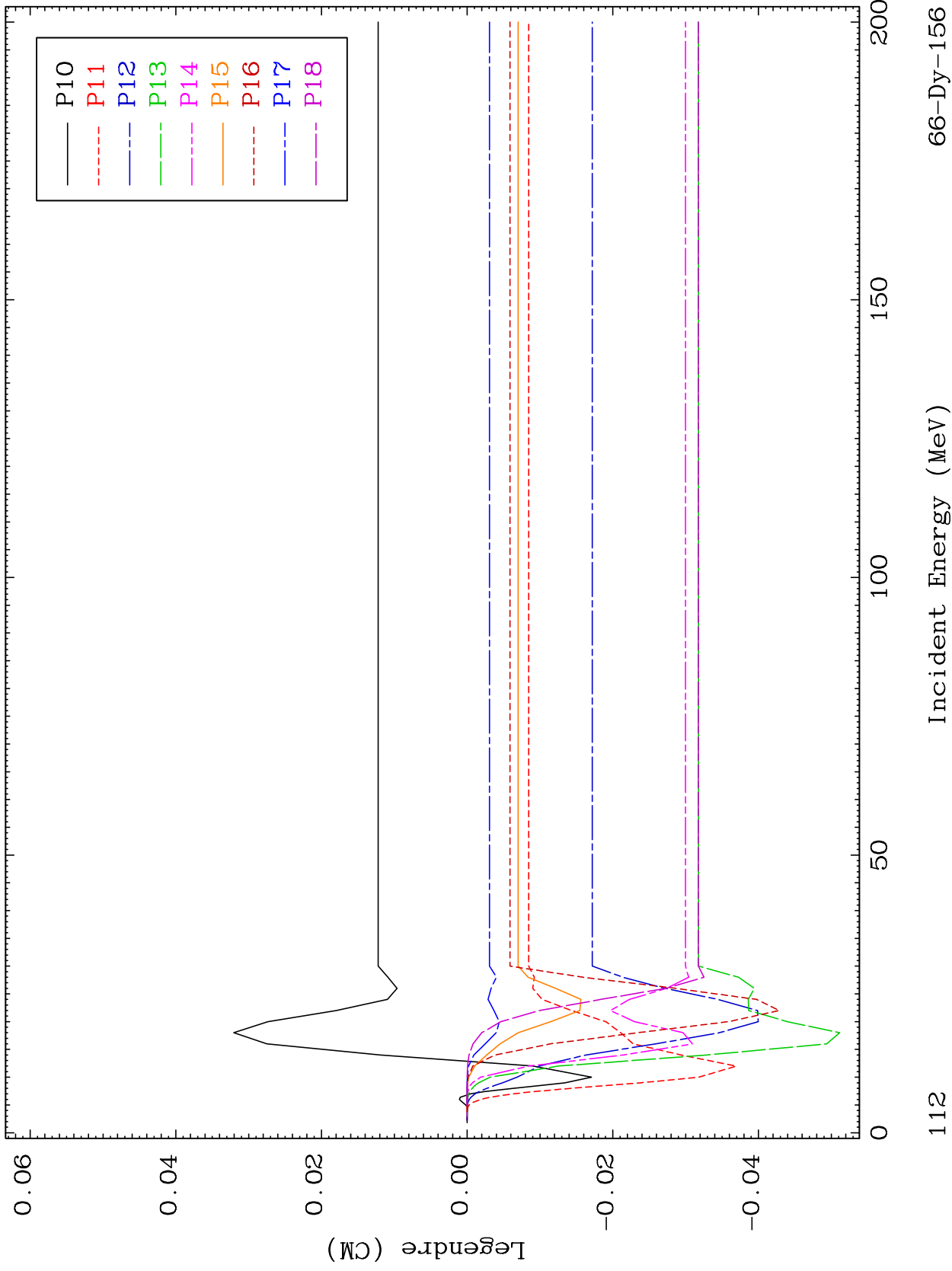
Incident Energy (MeV)

66-Dy-156

MAT 6625

MT= 74 (n,n') Level
Legendre Coefficients

66-Dy-156



66-Dy-156

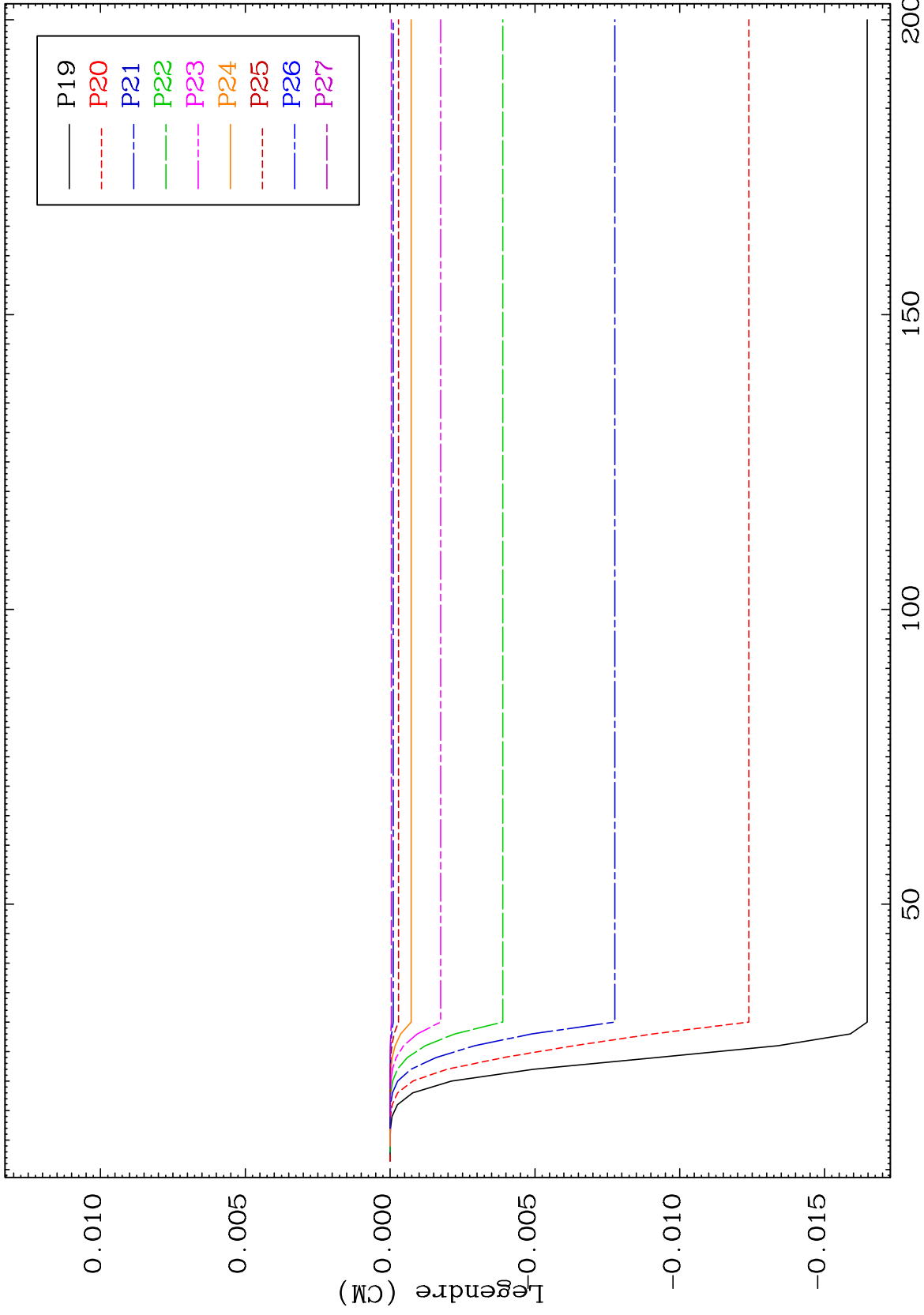
Incident Energy (MeV)

112

MAT 6625

MT= 74 (n,n') Level
Legendre Coefficients

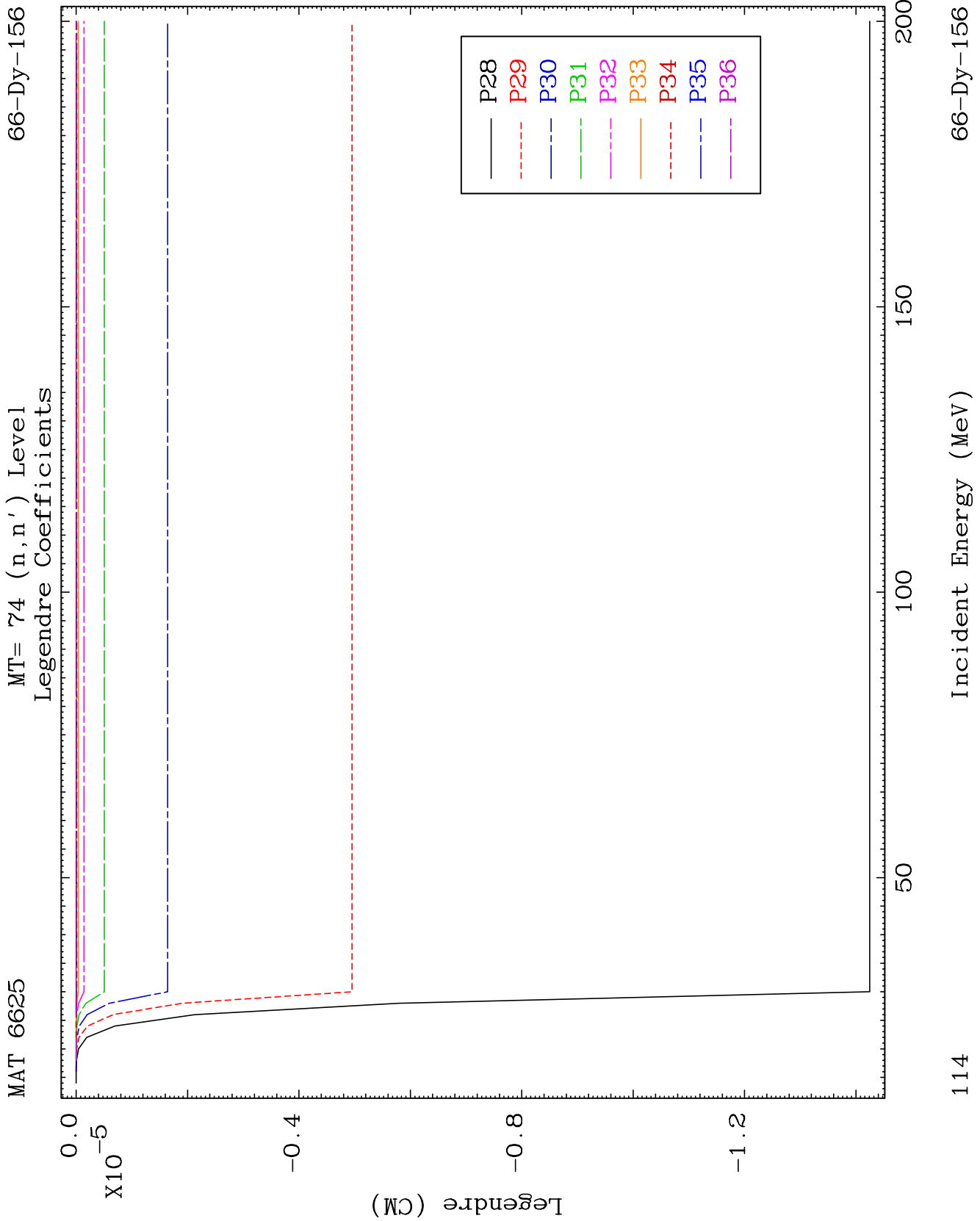
66-Dy-156



113

Incident Energy (MeV)

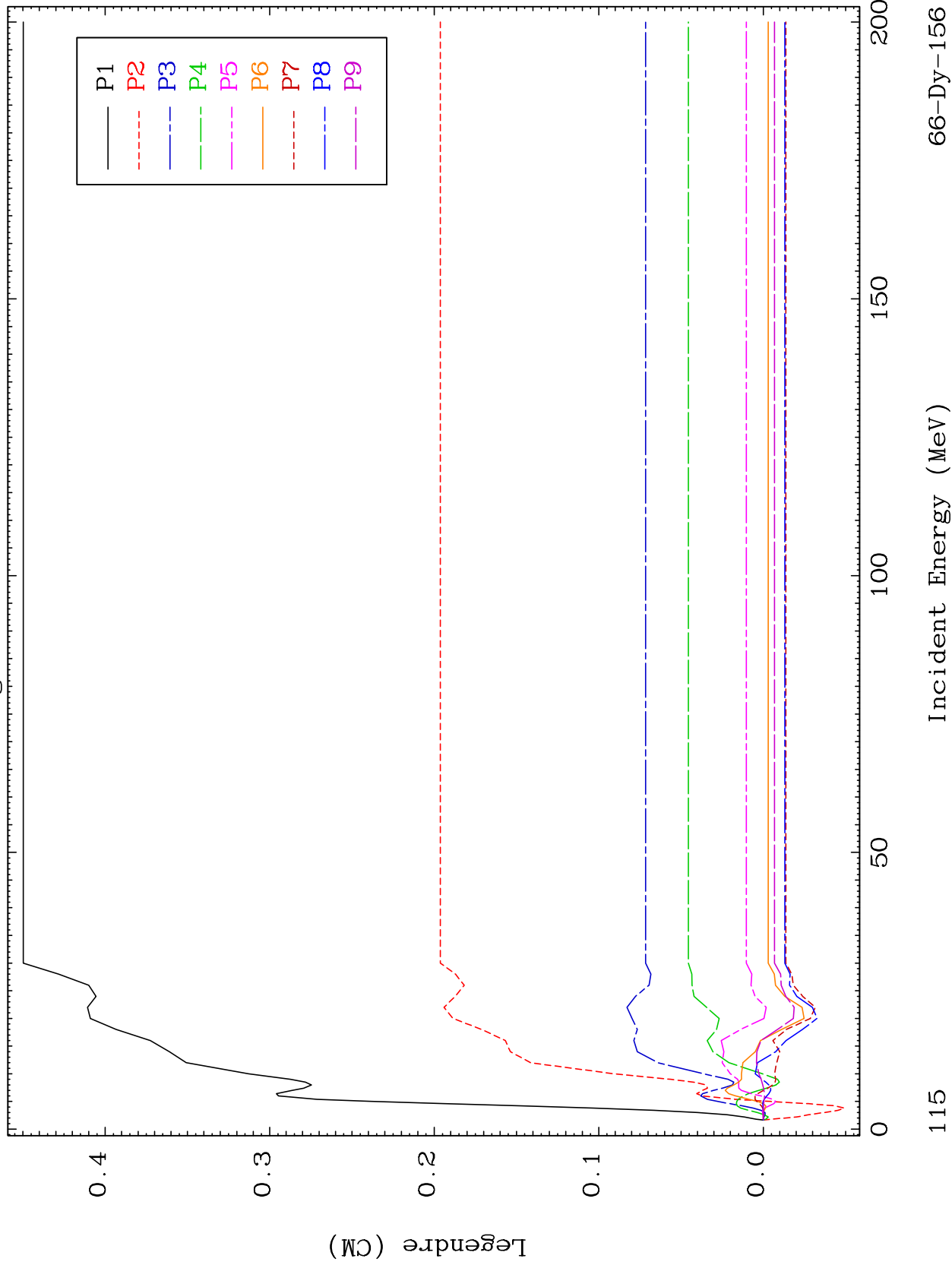
66-Dy-156



MAT 6625

MT= 75 (n,n') Level
Legendre Coefficients

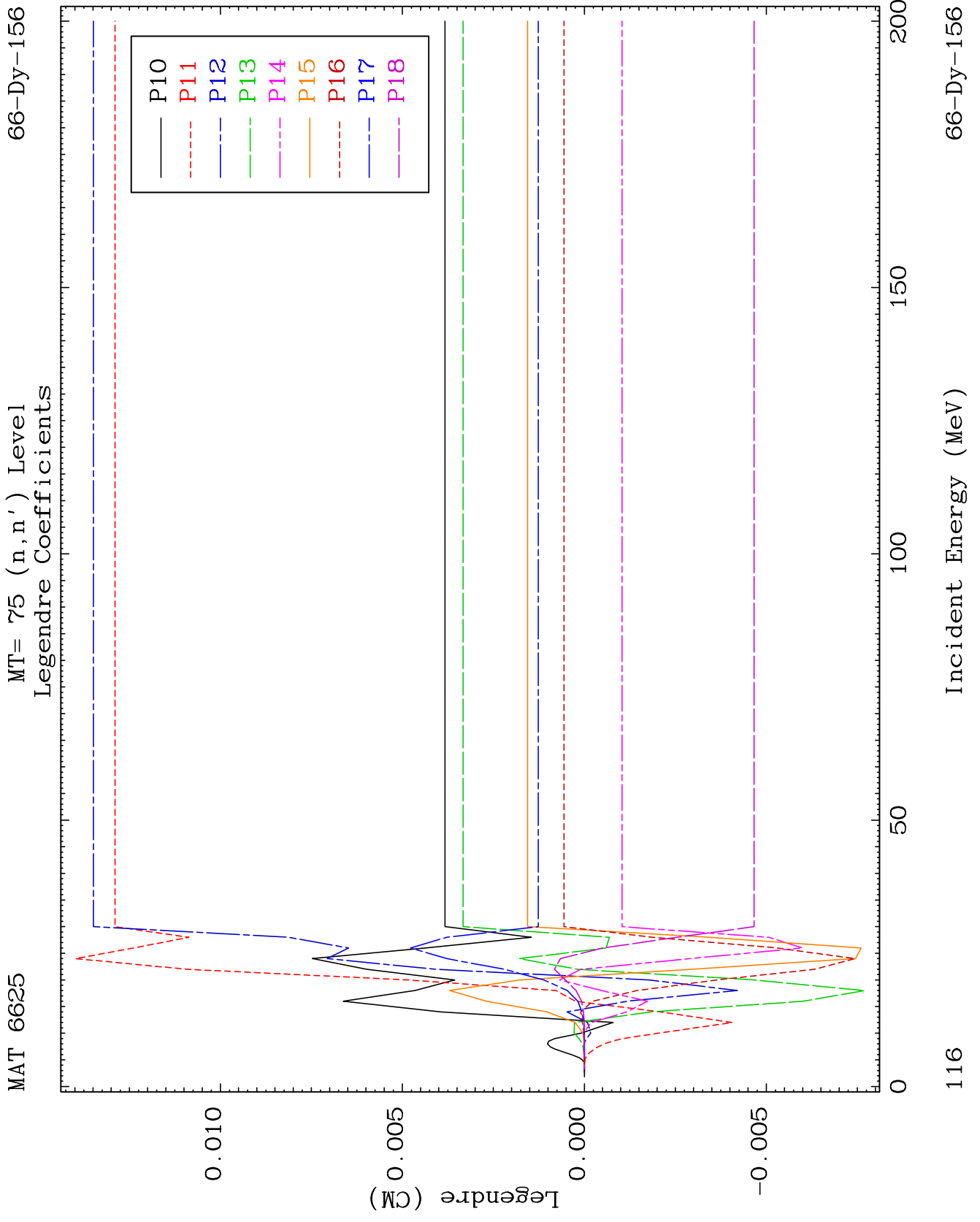
66-Dy-156



66-Dy-156

Incident Energy (MeV)

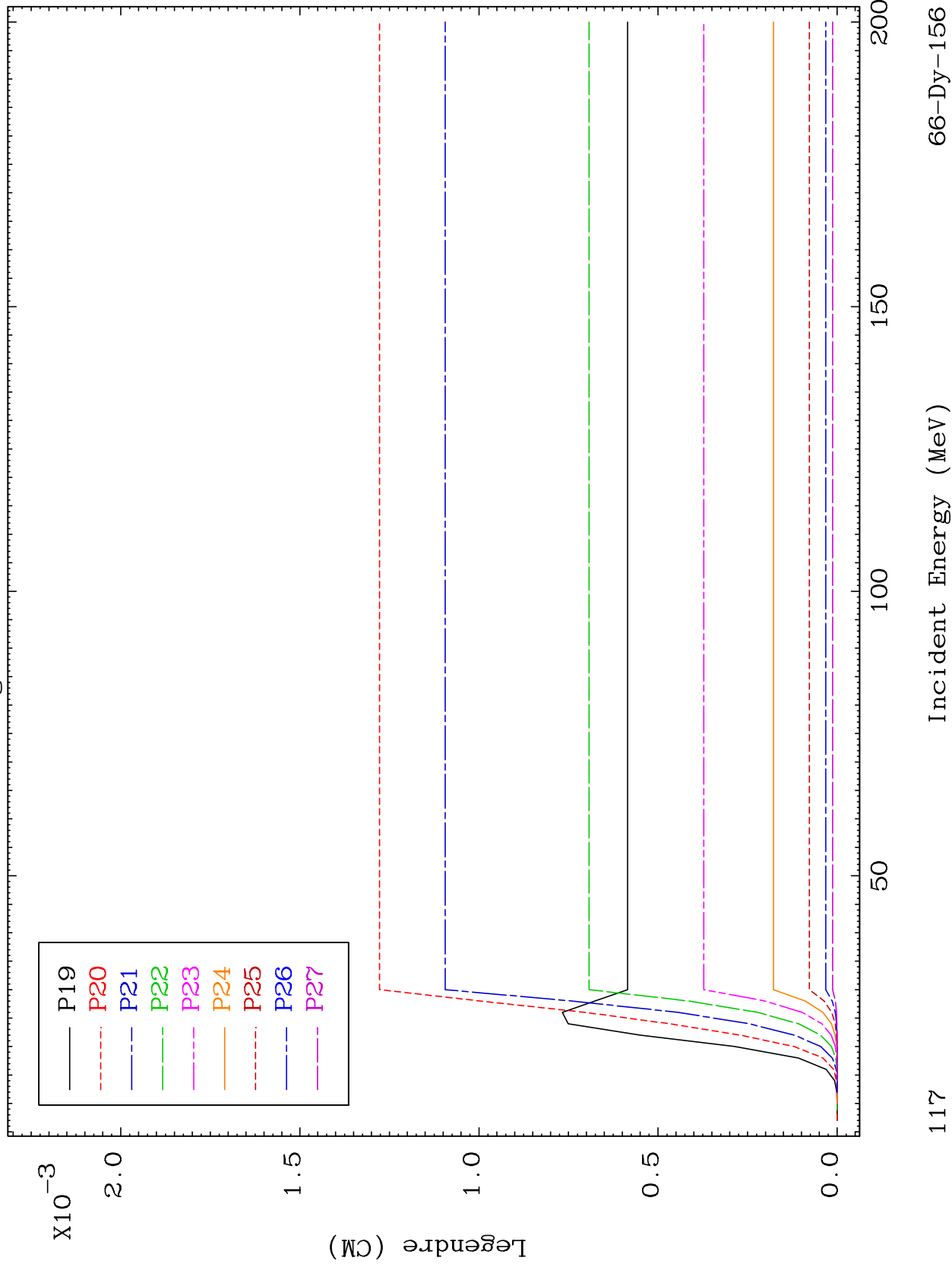
115



MAT 6625

MT= 75 (n,n') Level
Legendre Coefficients

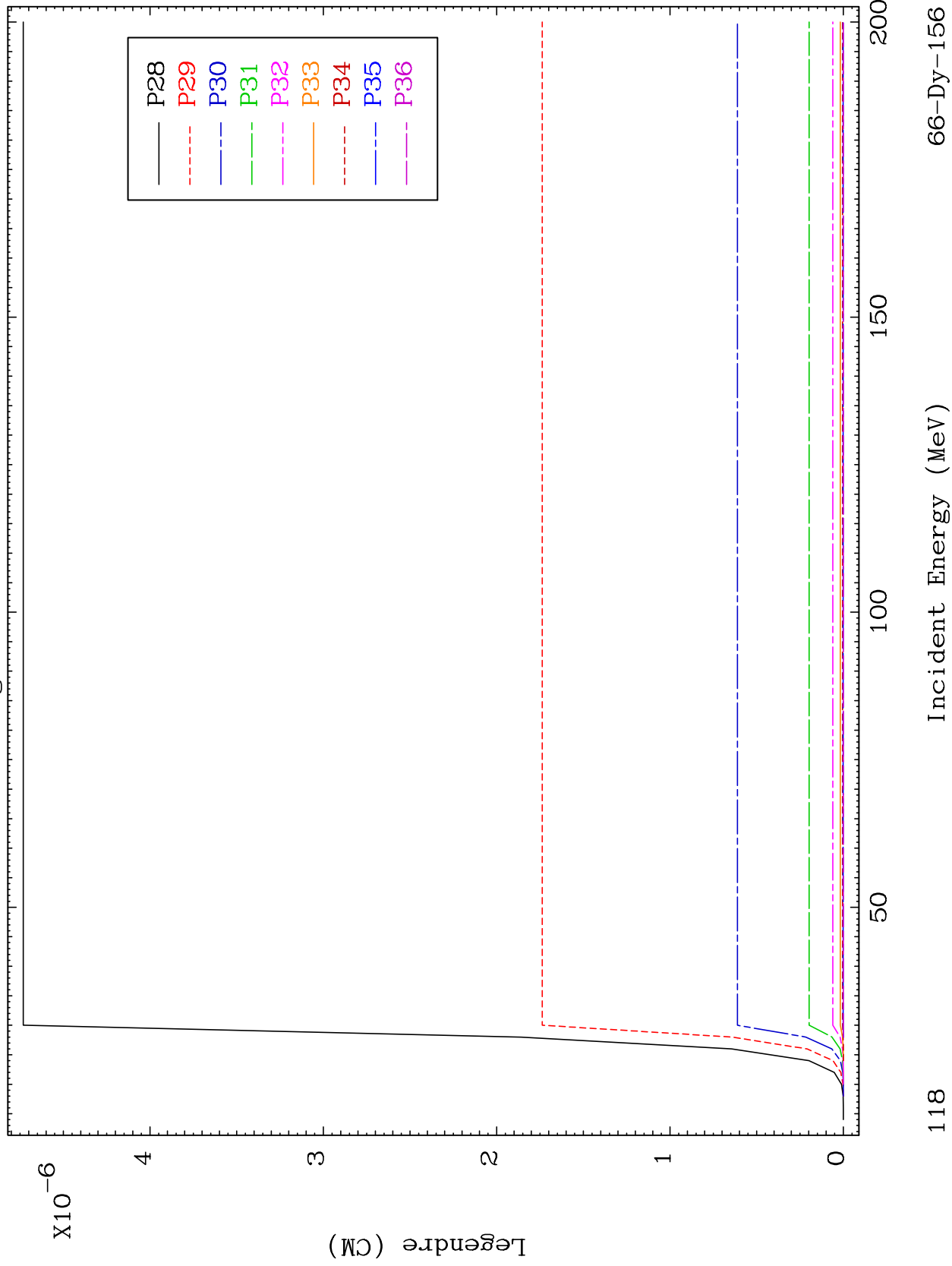
66-Dy-156



MAT 6625

MT= 75 (n,n') Level
Legendre Coefficients

66-Dy-156



118

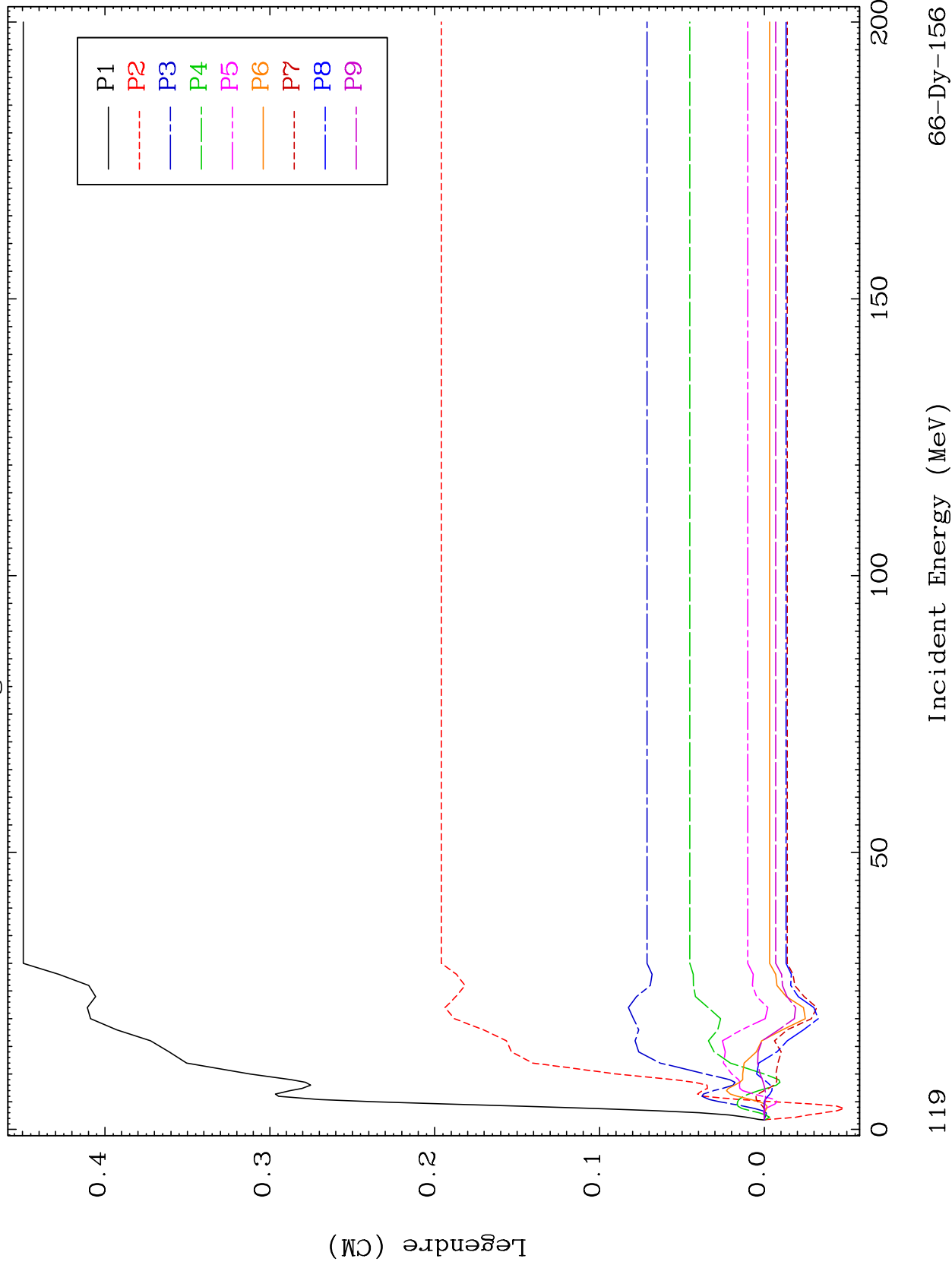
Incident Energy (MeV)

66-Dy-156

MAT 6625

MT= 76 (n,n') Level
Legendre Coefficients

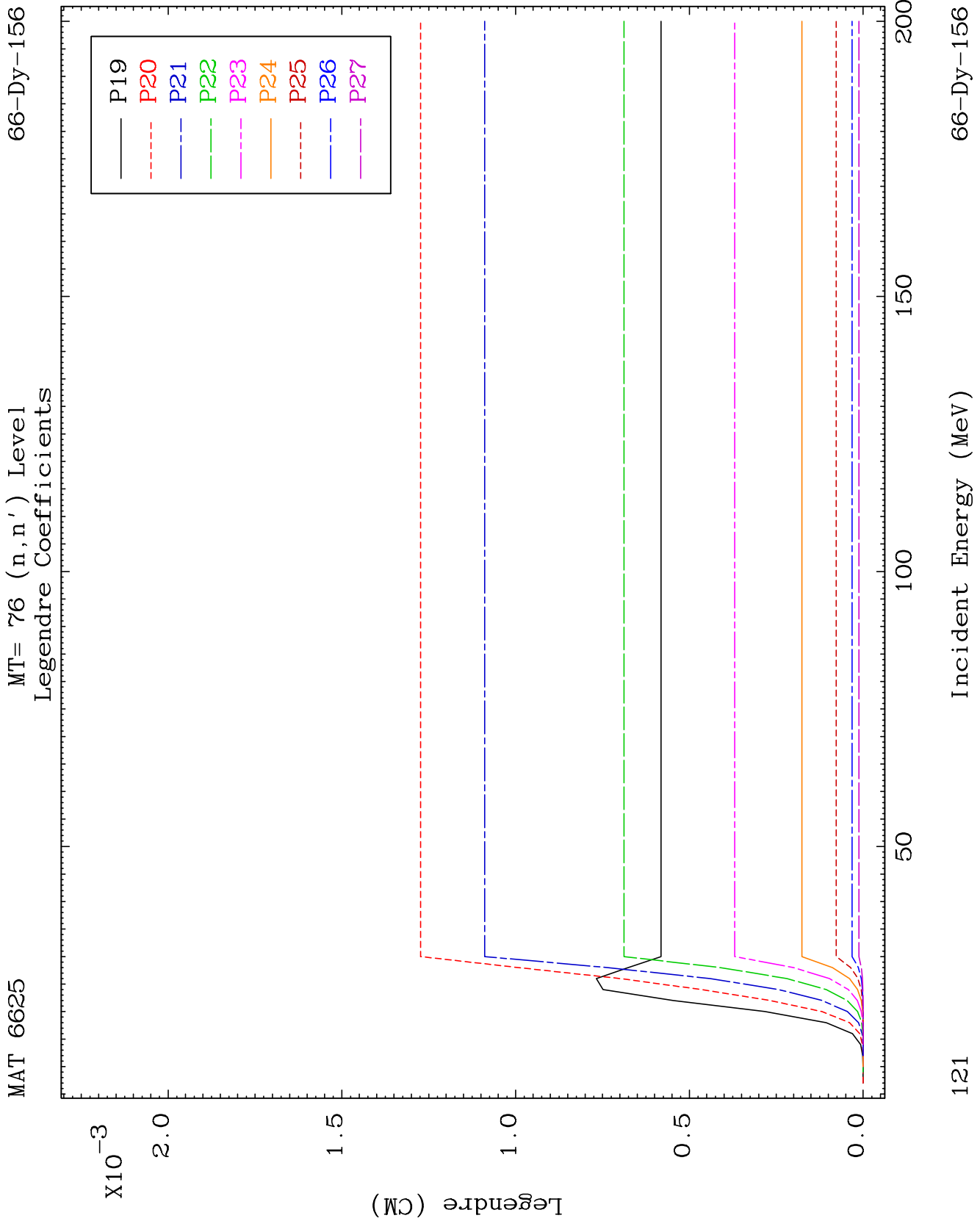
66-Dy-156



66-Dy-156

Incident Energy (MeV)

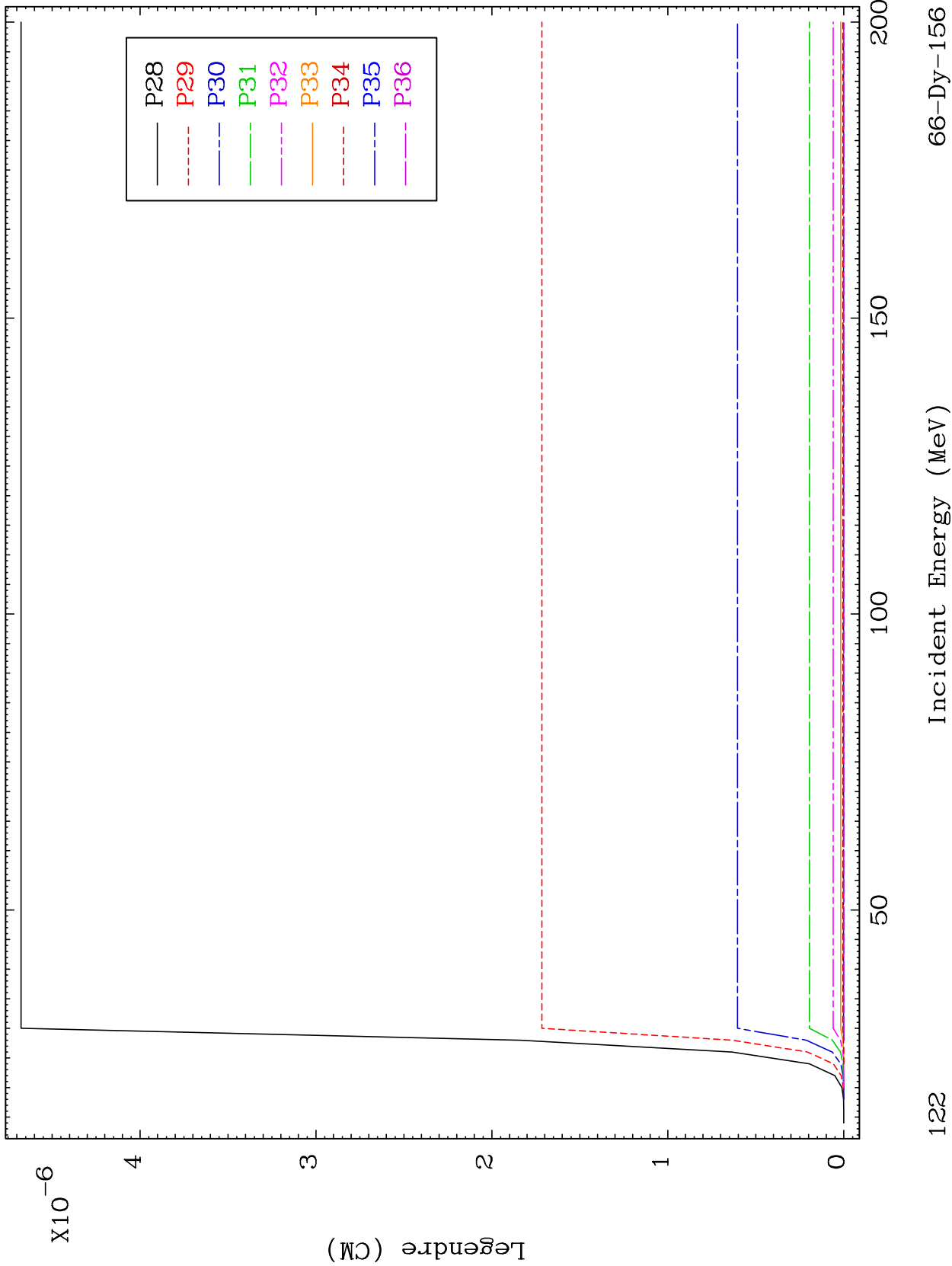
119



MAT 6625

MT= 76 (n,n') Level
Legendre Coefficients

66-Dy-156



122

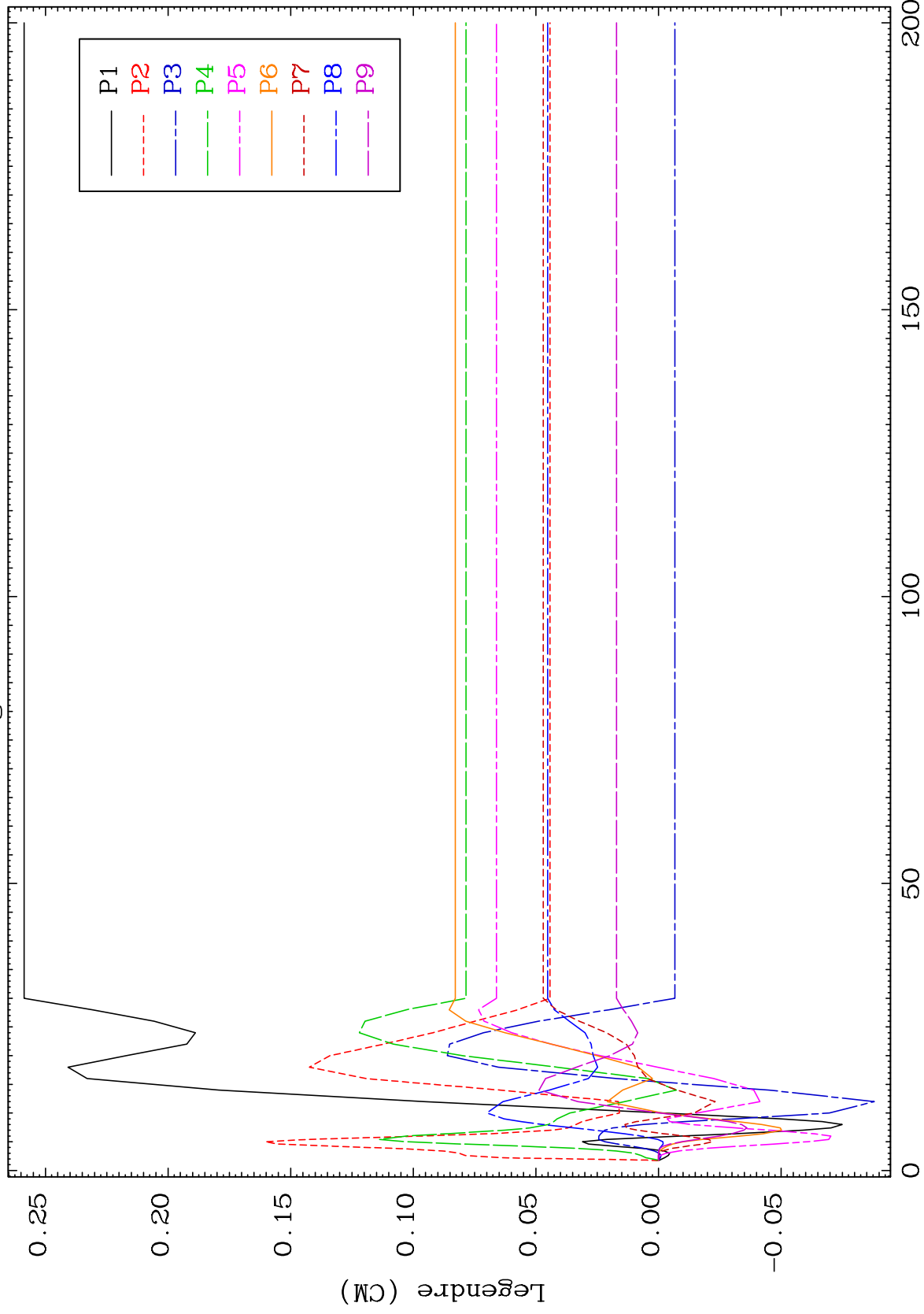
Incident Energy (MeV)

66-Dy-156

MAT 6625

MT= 77 (n,n') Level
Legendre Coefficients

66-Dy-156



123

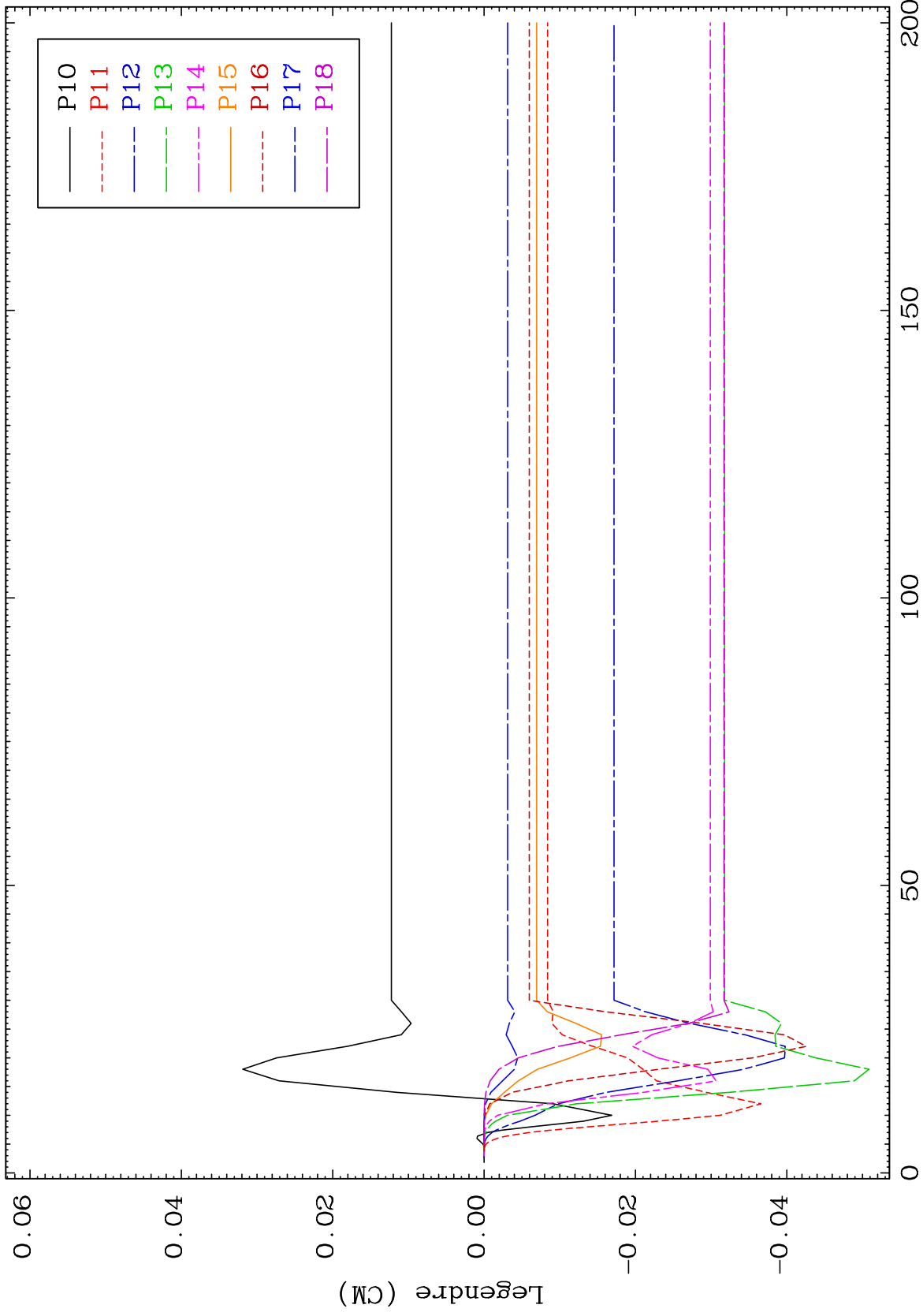
Incident Energy (MeV)

66-Dy-156

MAT 6625

MT= 77 (n,n') Level
Legendre Coefficients

66-Dy-156



124

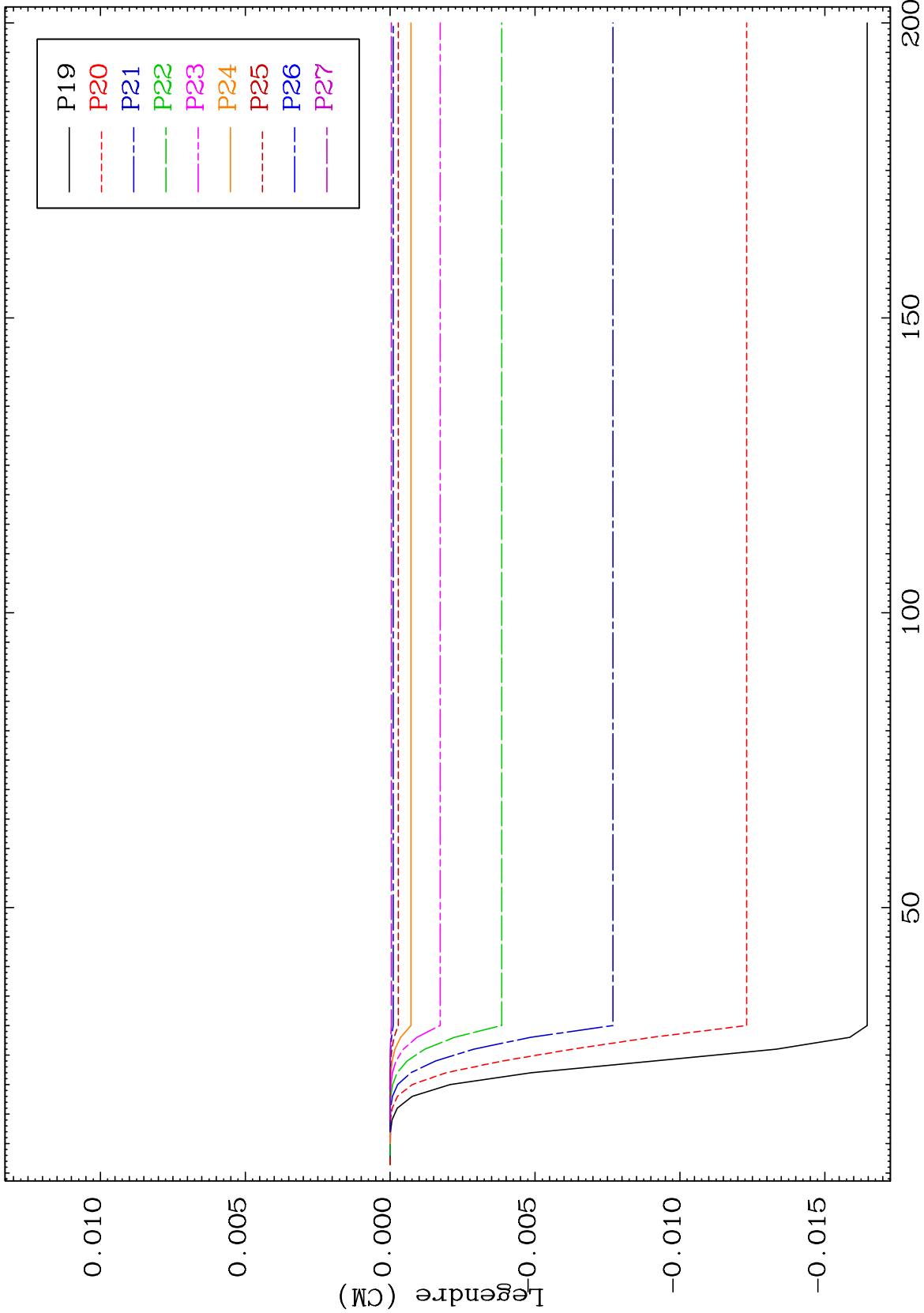
Incident Energy (MeV)

66-Dy-156

66-Dy-156

MT= 77 (n,n') Level
Legendre Coefficients

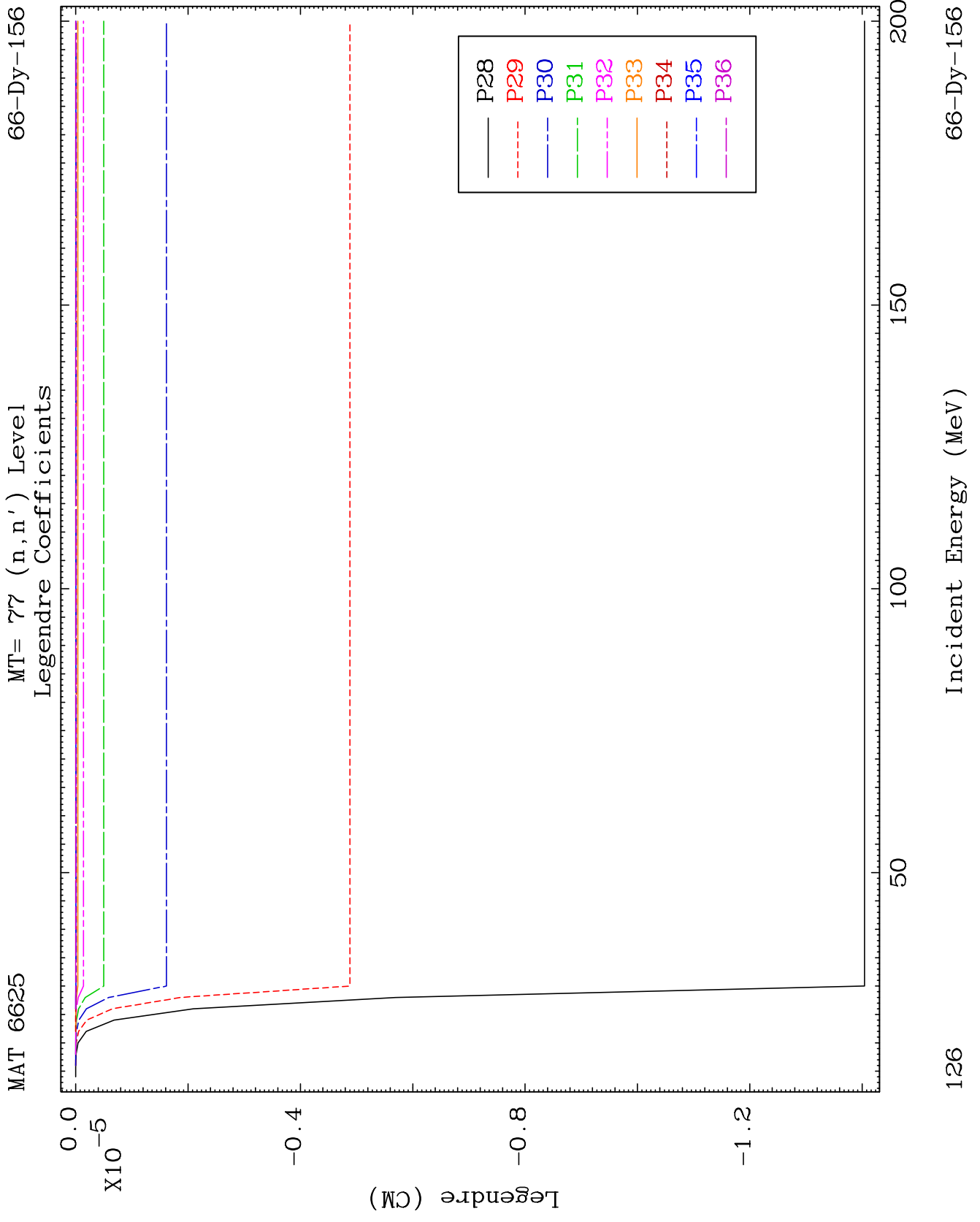
MAT 6625



66-Dy-156

Incident Energy (MeV)

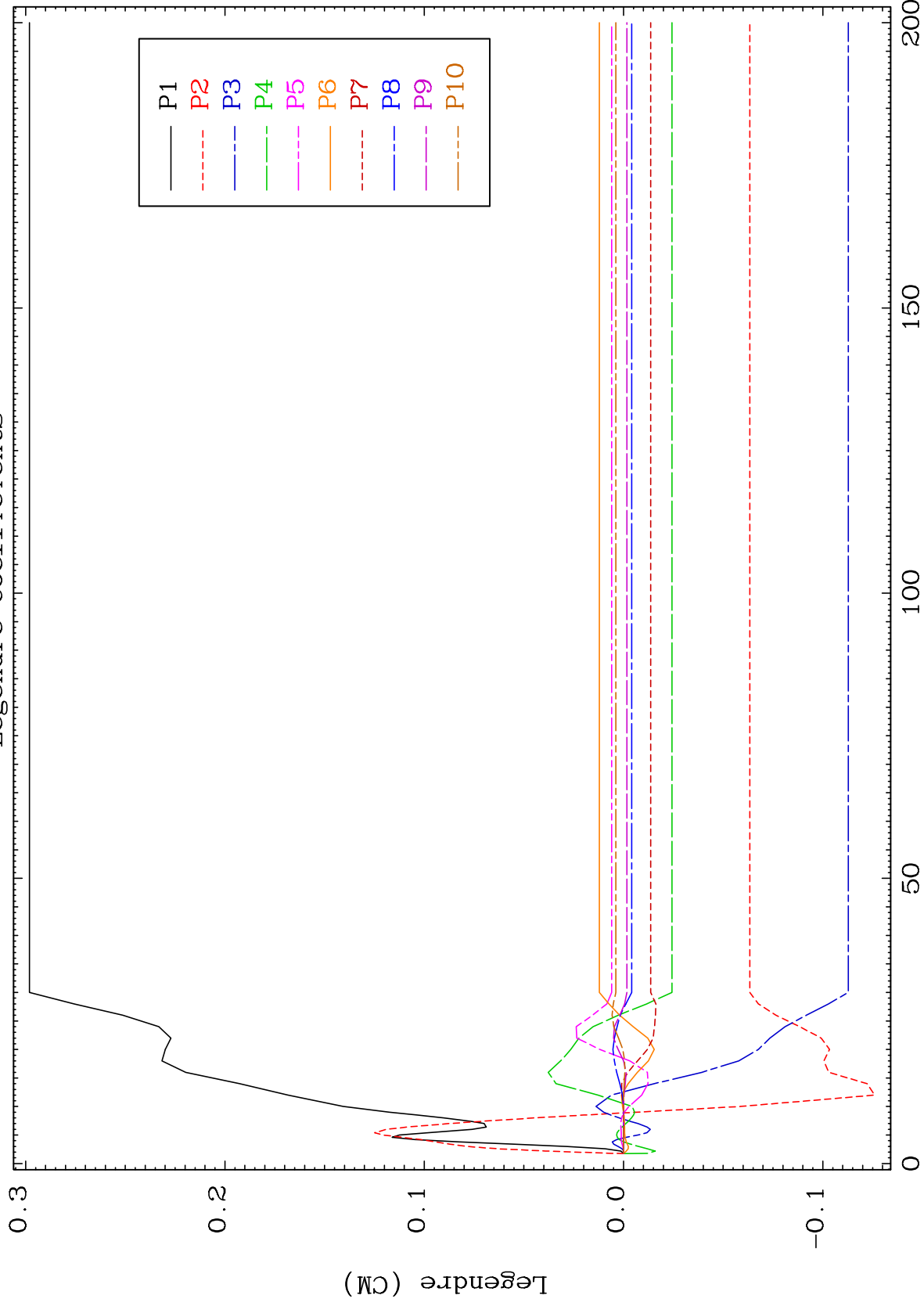
125



MAT 6625

MT= 78 (n,n') Level
Legendre Coefficients

66-Dy-156



127

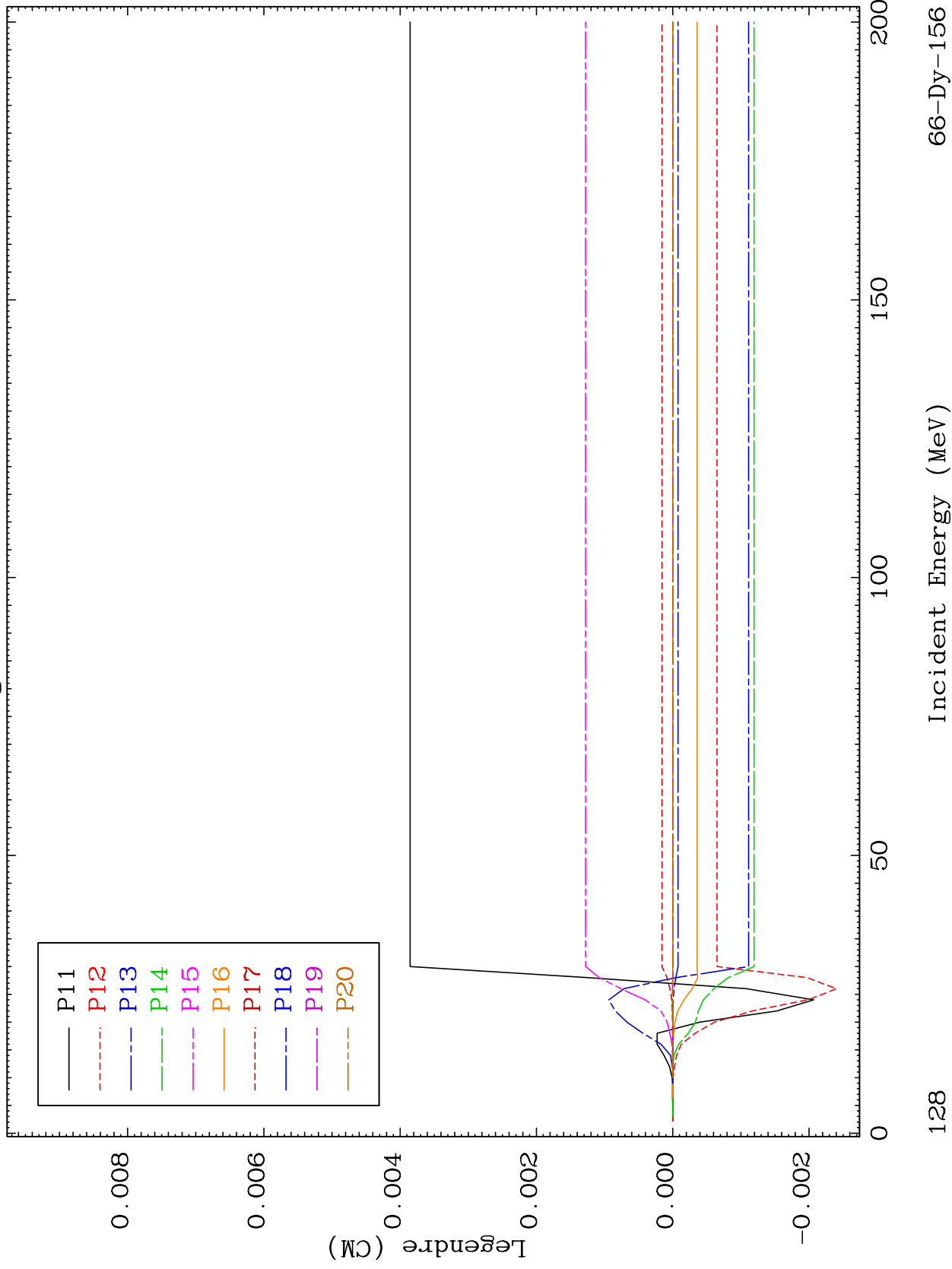
Incident Energy (MeV)

66-Dy-156

MAT 6625

MT= 78 (n,n') Level
Legendre Coefficients

66-Dy-156



66-Dy-156

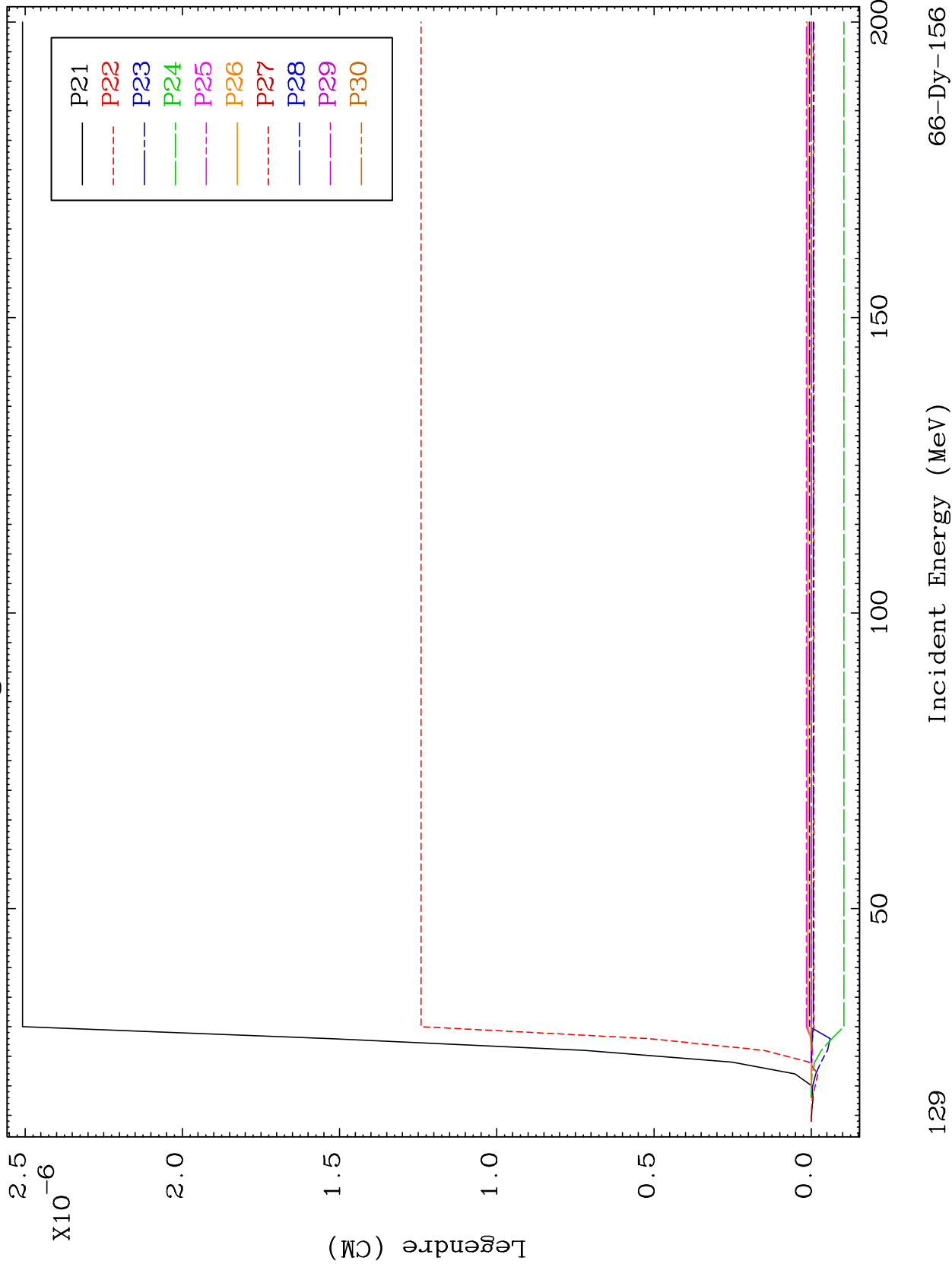
Incident Energy (MeV)

128

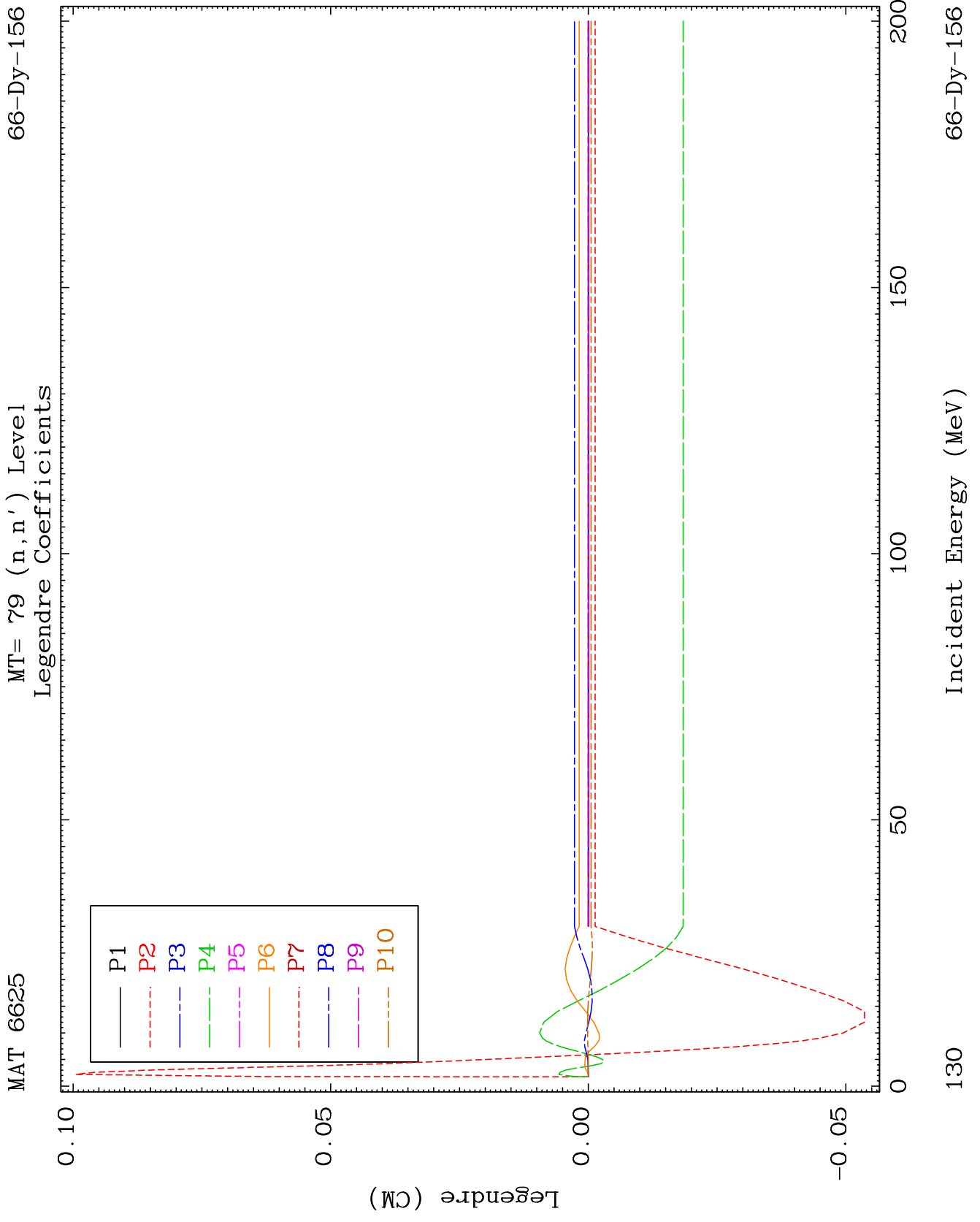
MAT 6625

MT= 78 (n,n') Level
Legendre Coefficients

66-Dy-156



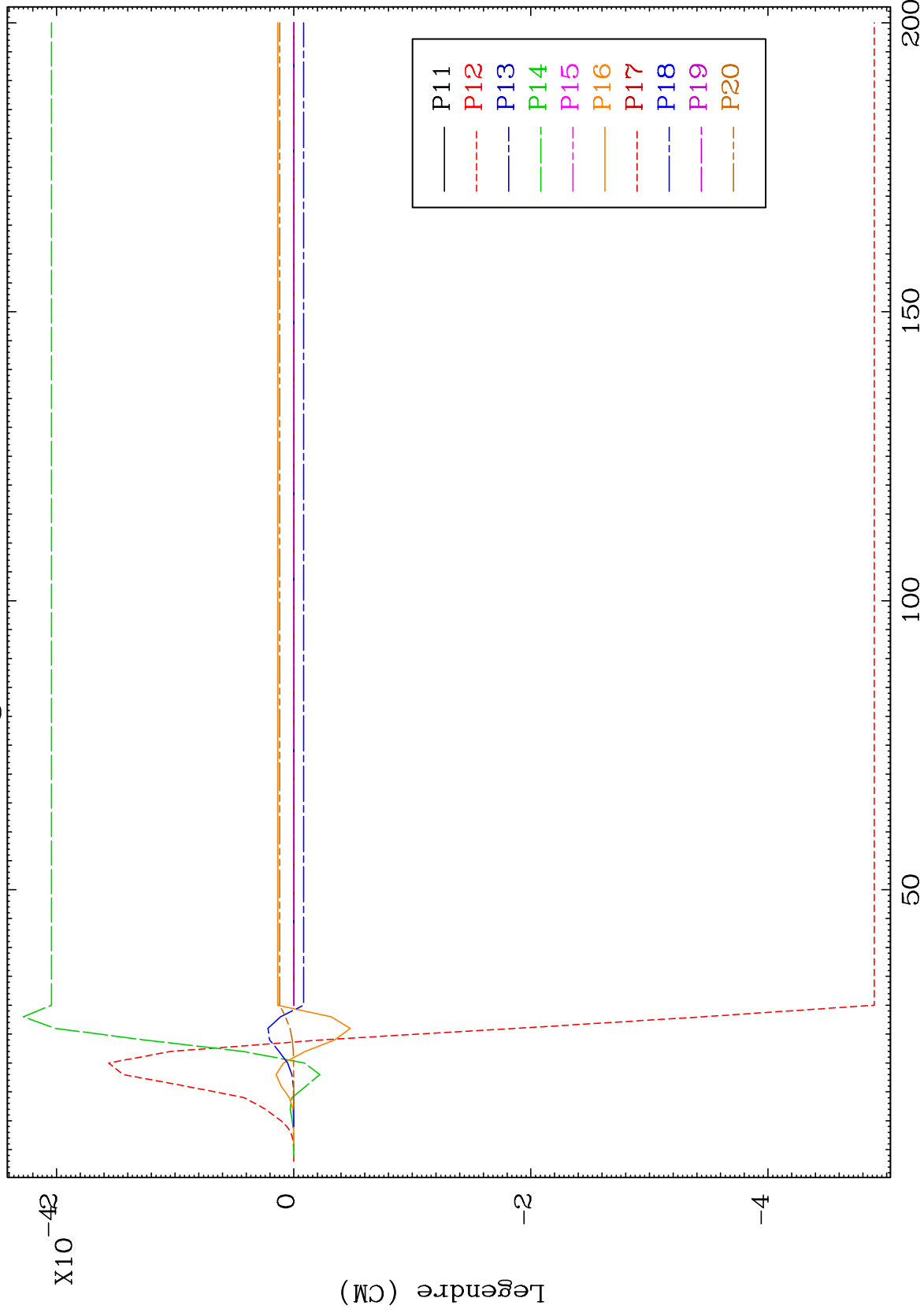
129



MAT 6625

MT= 79 (n,n') Level
Legendre Coefficients

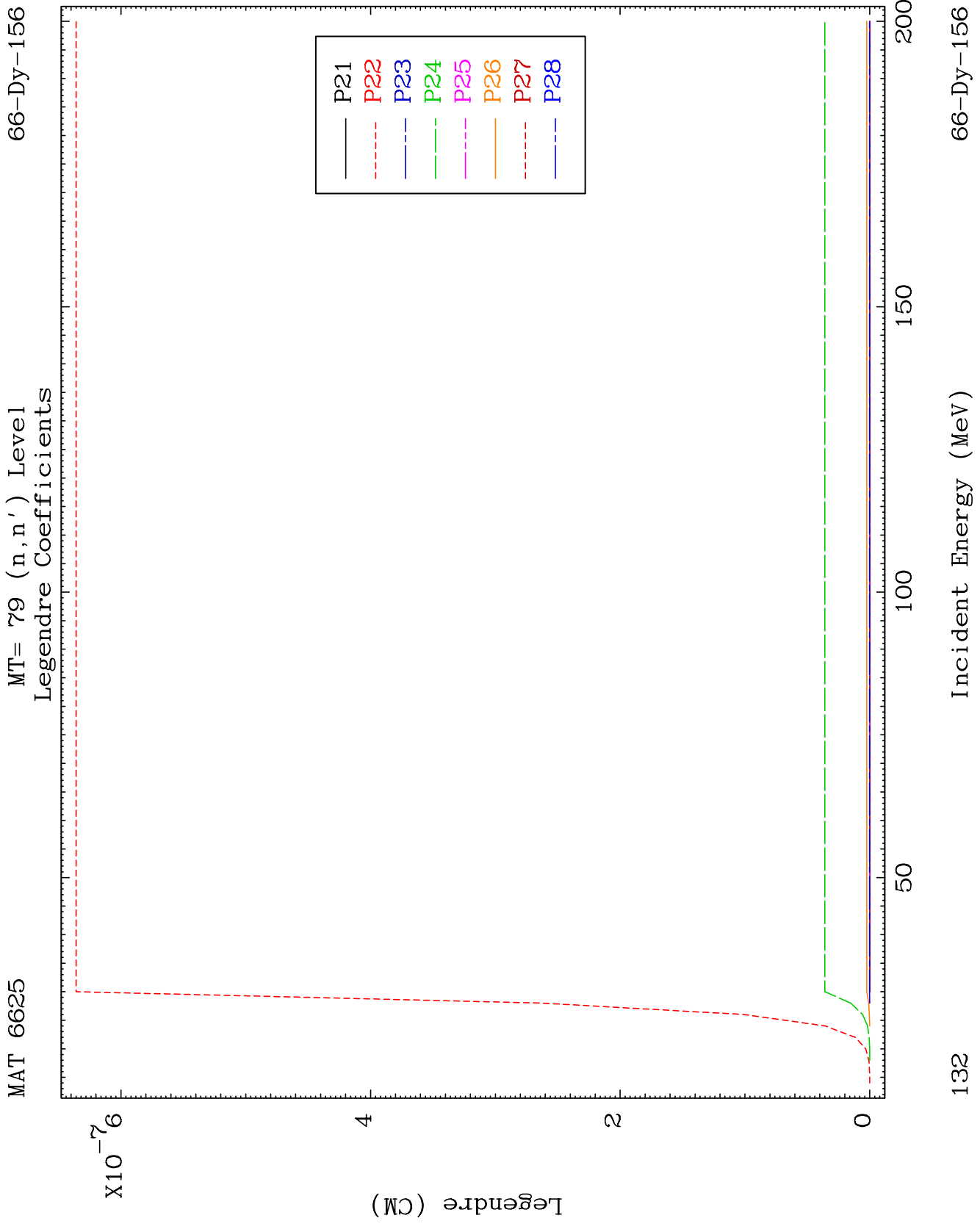
66-Dy-156



131

Incident Energy (MeV)

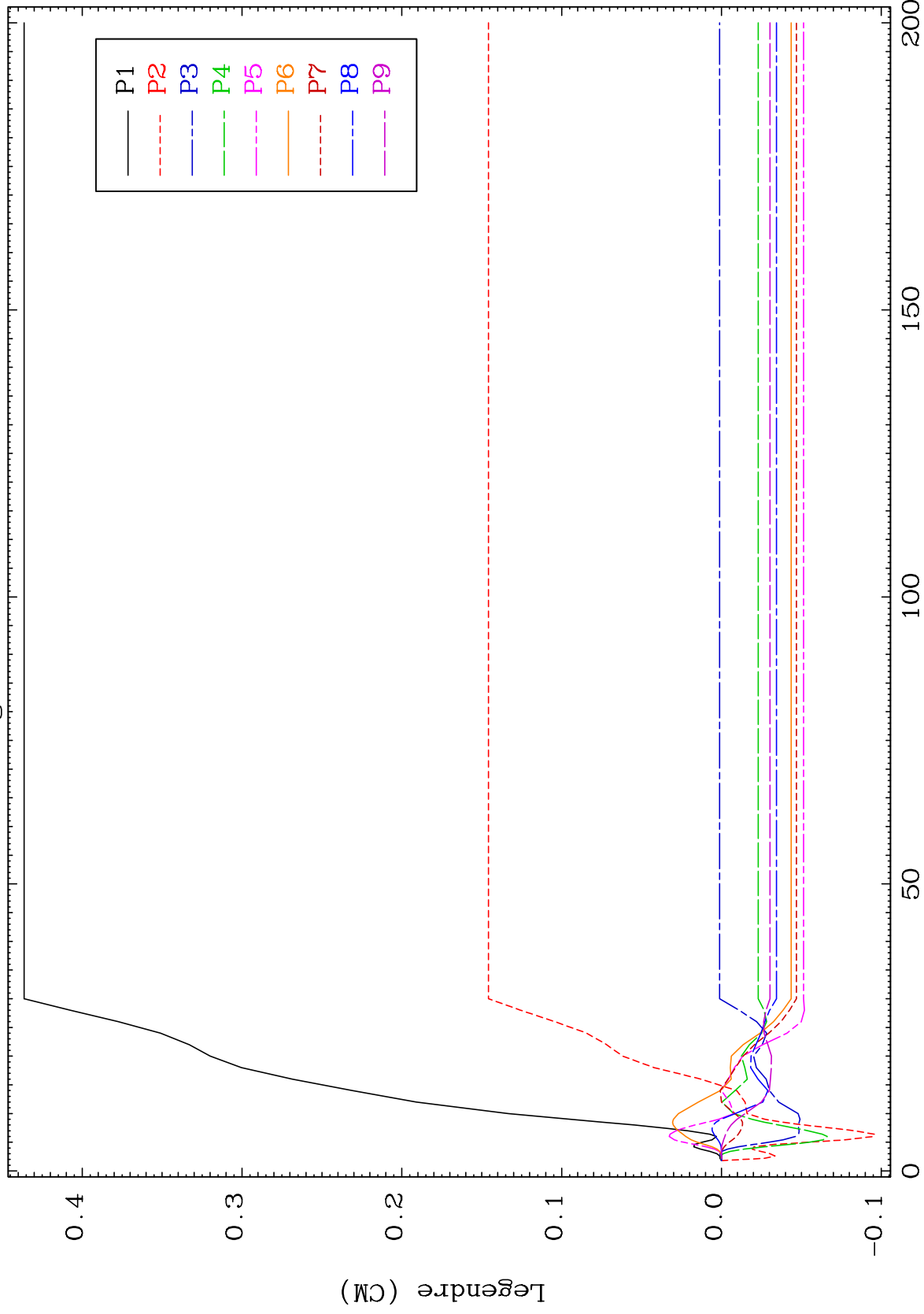
66-Dy-156



MAT 6625

MT= 80 (n,n') Level
Legendre Coefficients

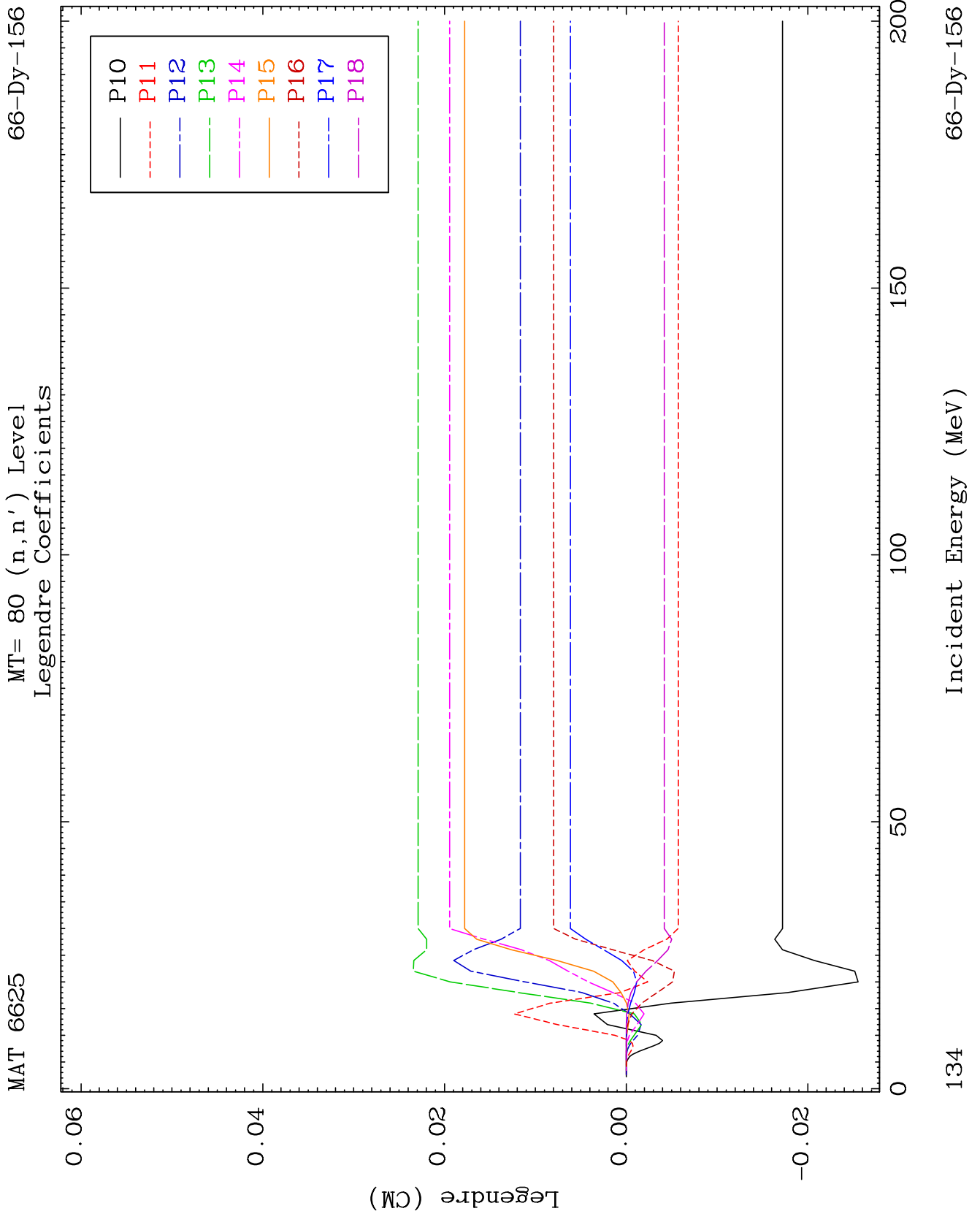
66-Dy-156

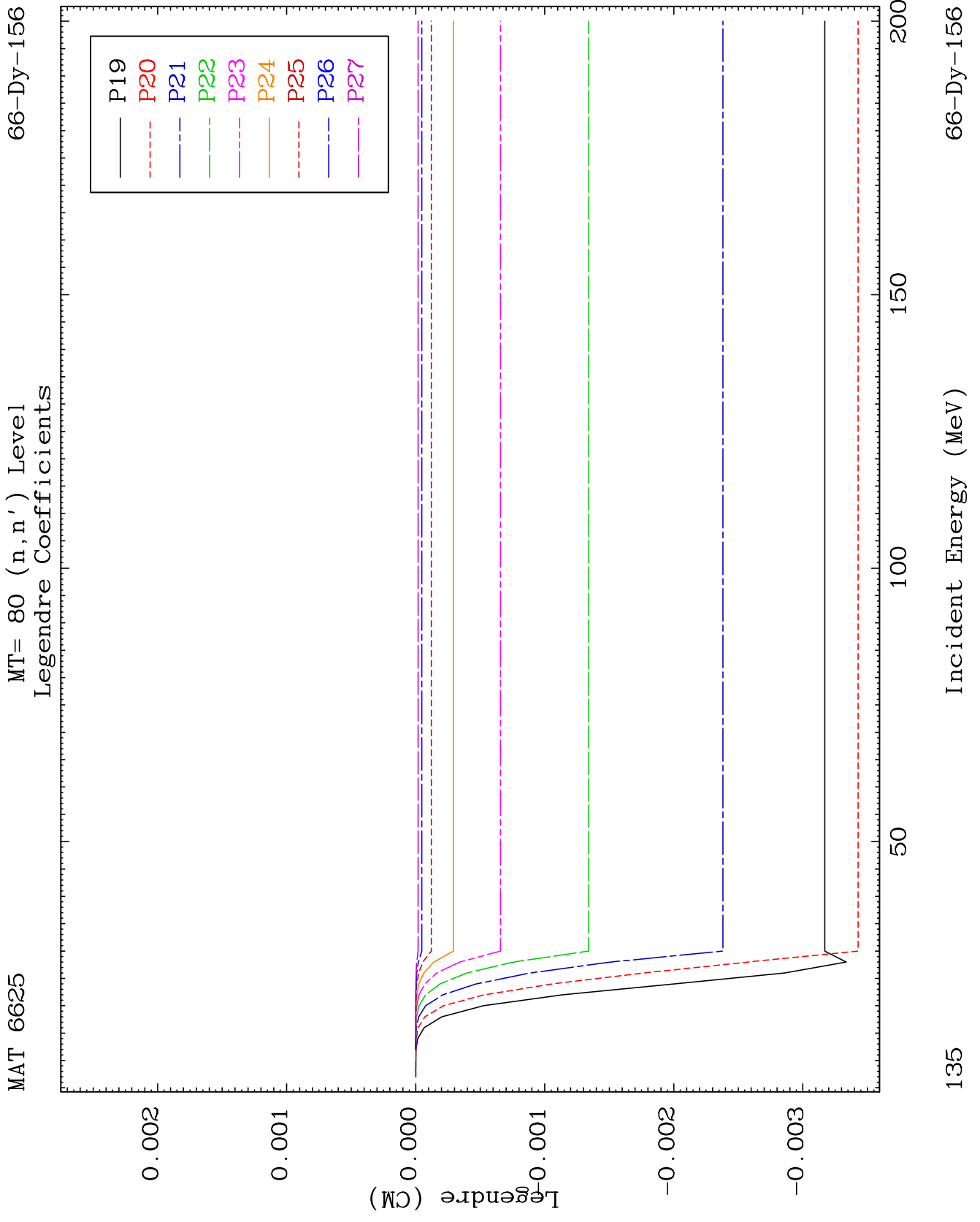


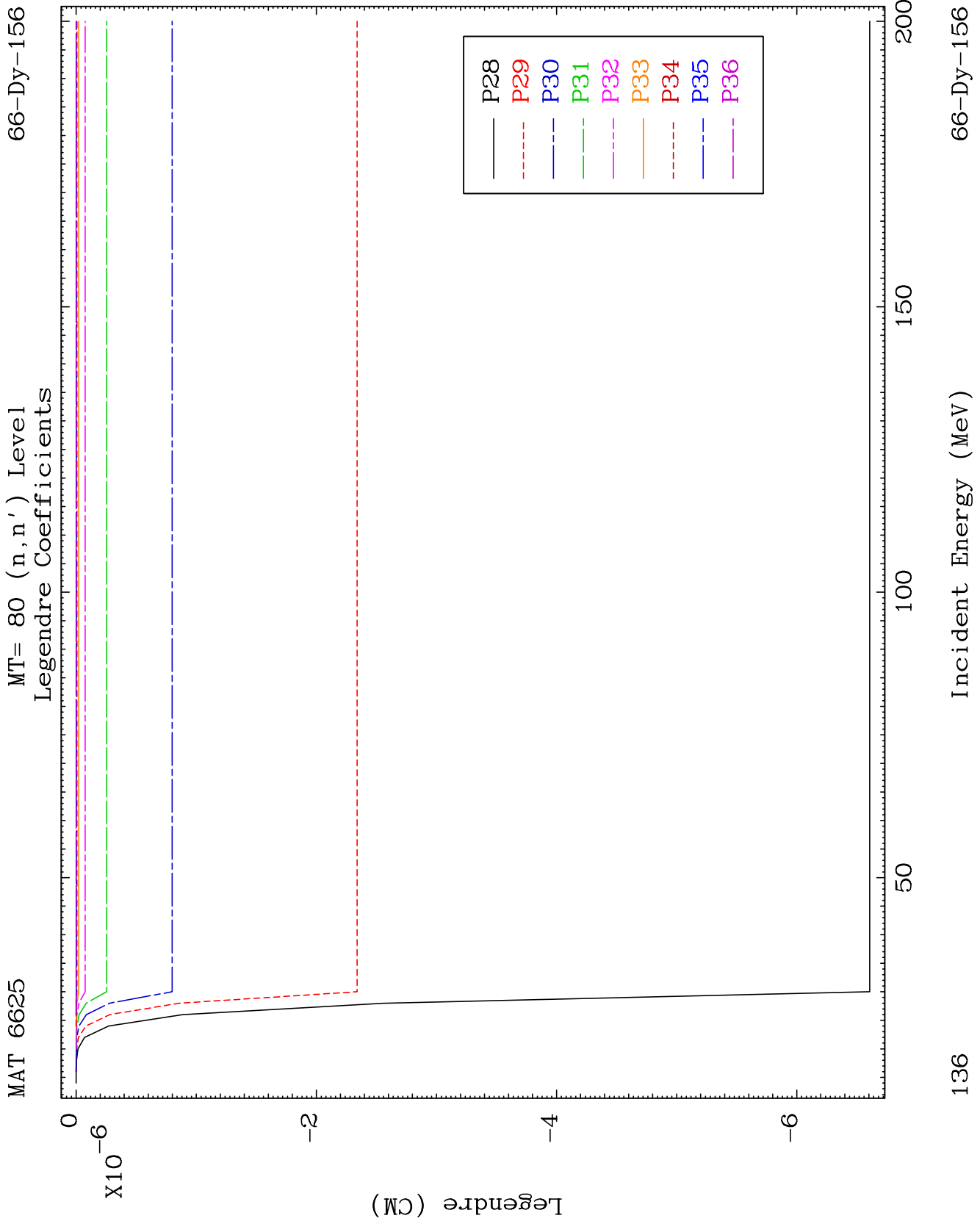
133

Incident Energy (MeV)

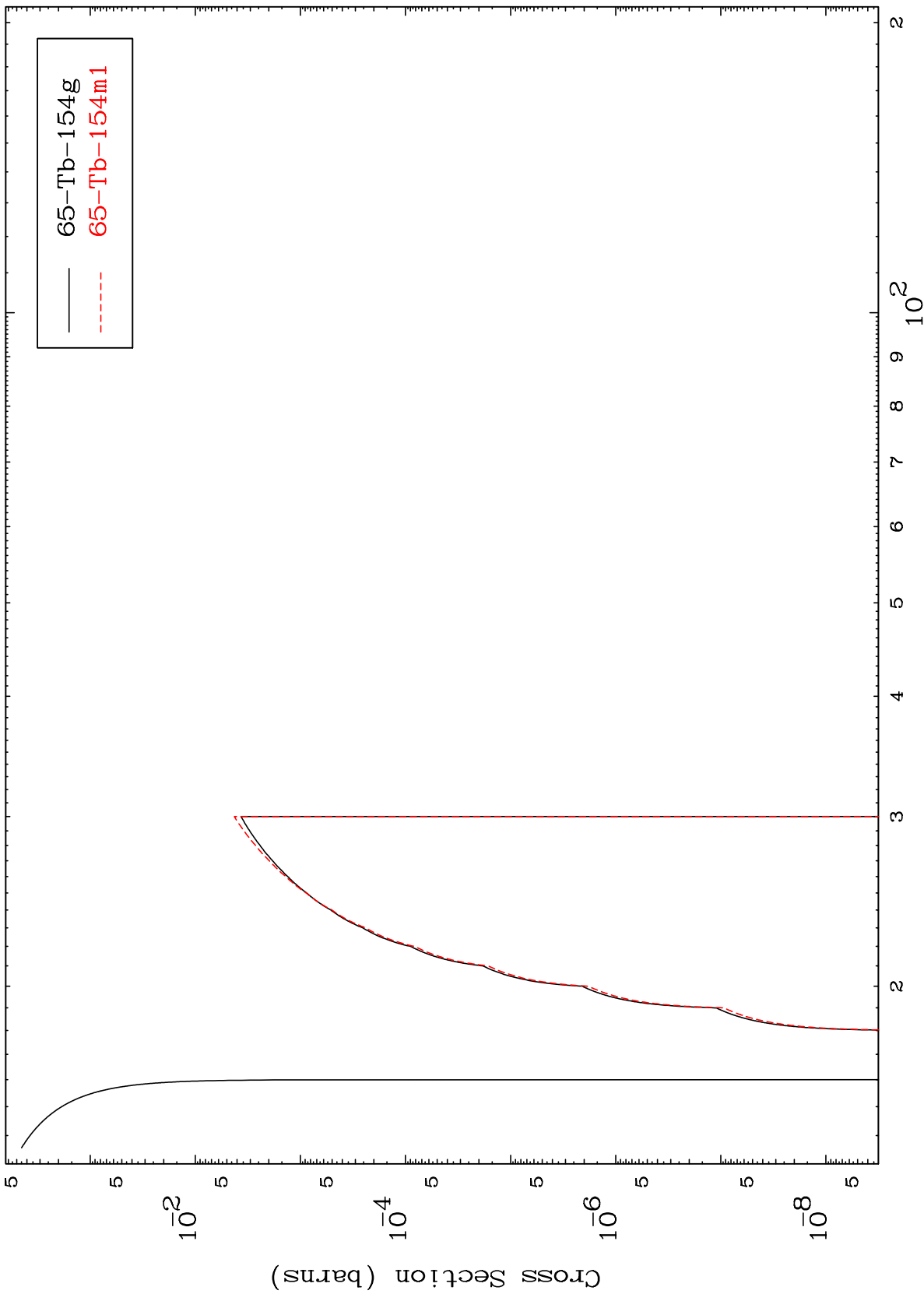
66-Dy-156

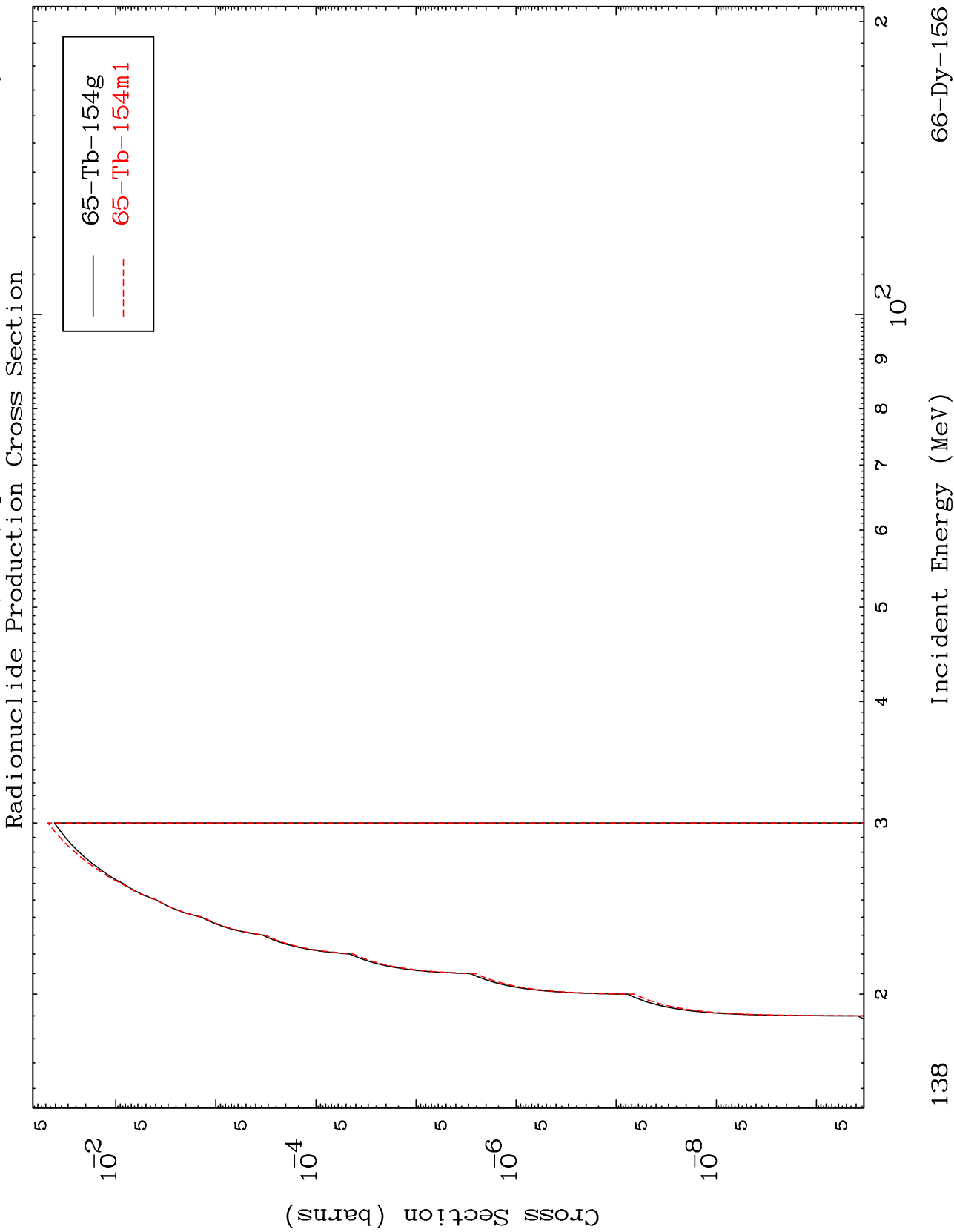






Radionuclide Production Cross Section



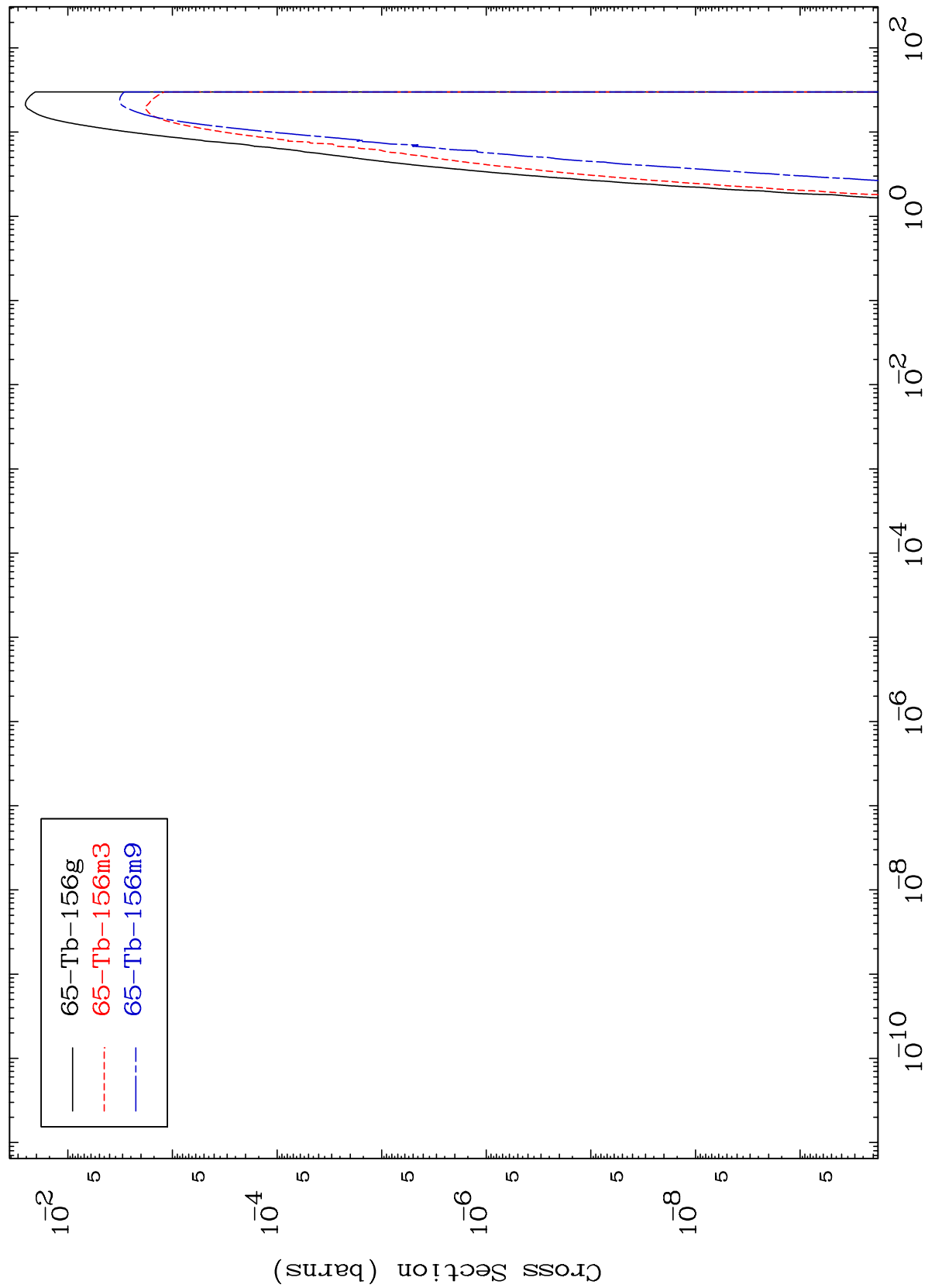


MAT 6625

(n,p)

66-Dy-156

Radionuclide Production Cross Section



139

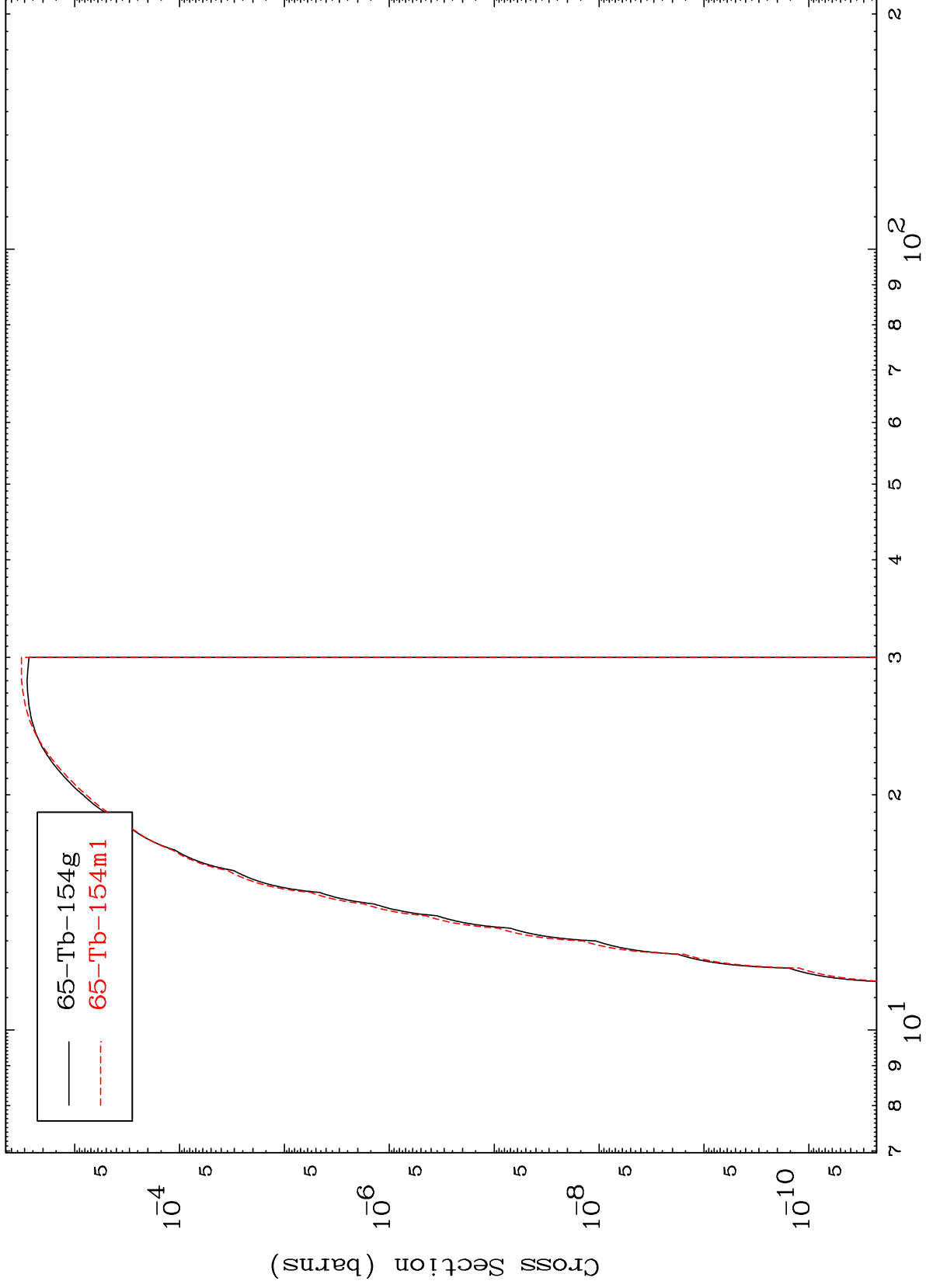
Incident Energy (MeV)

66-Dy-156

MAT 6625

66-Dy-156

(n,t)
Radionuclide Production Cross Section



140

Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,p) α

66-Dy-156

Radionuclide Production Cross Section

