

Program EVALPLOT  
(Version 2021-1)

by

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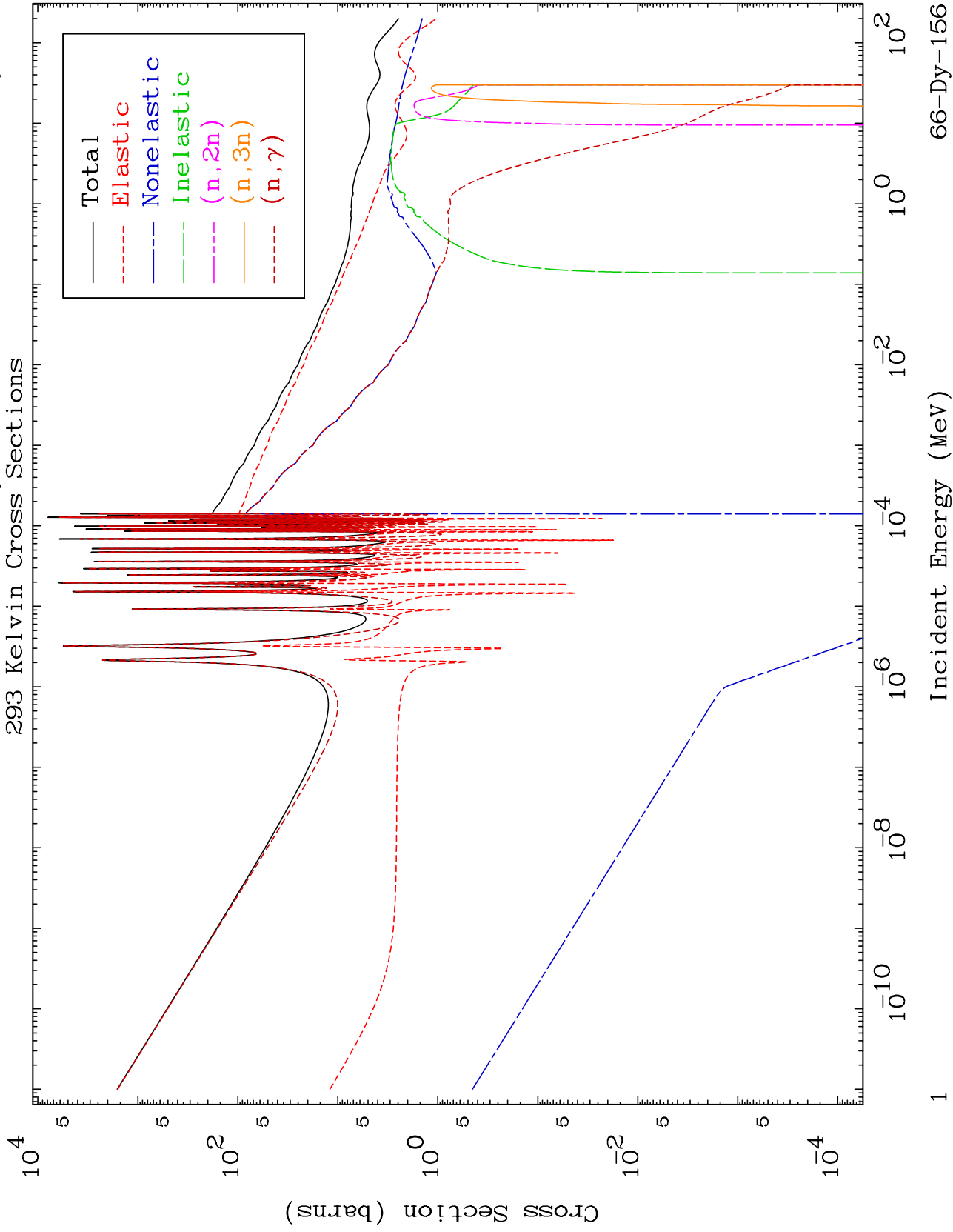
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Press Mouse Button to Start

MAT 6625

Neutron Major  
293 Kelvin Cross Sections

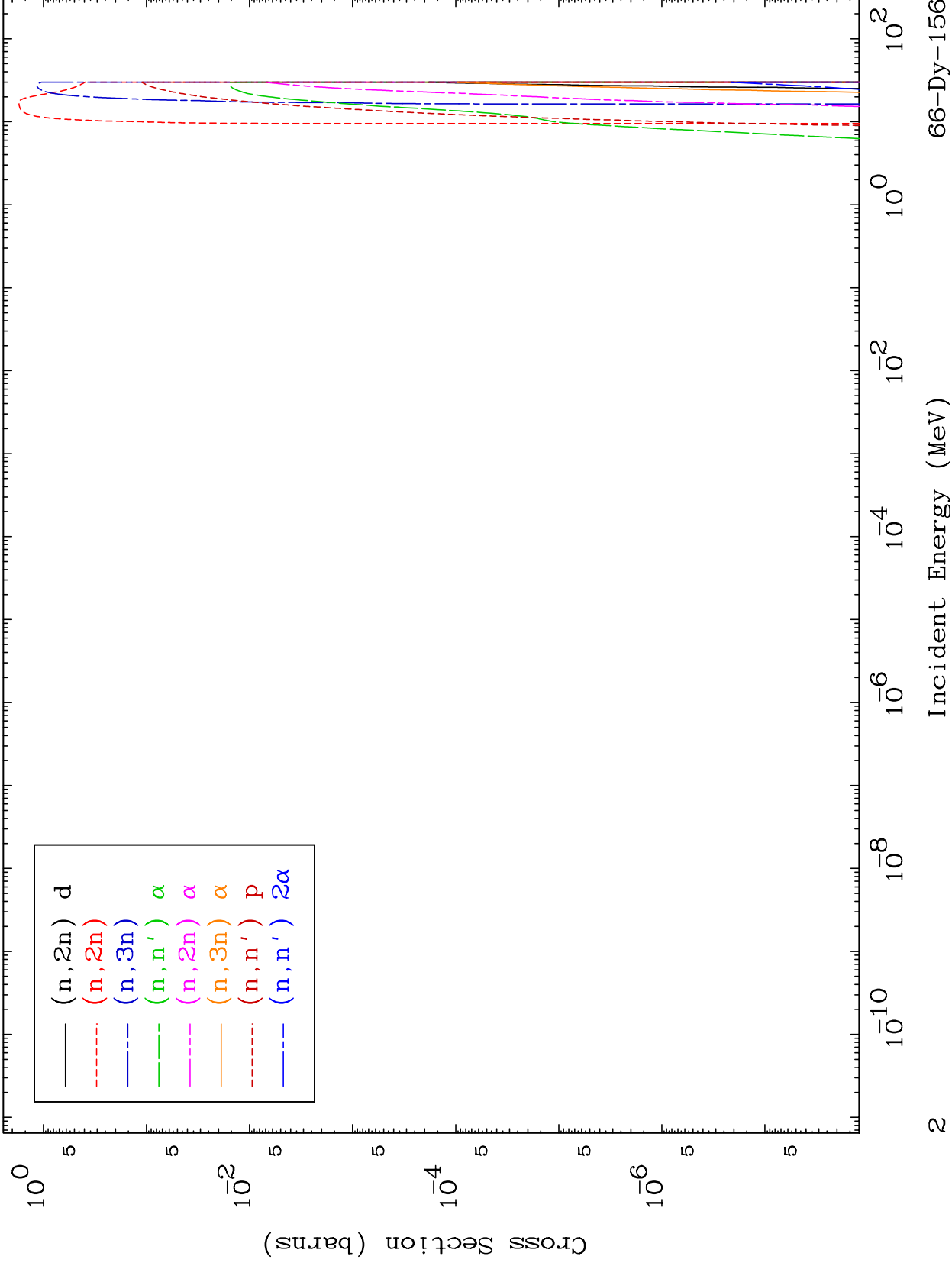
66-Dy-156



MAT 6625

Neutron Absorption  
293 Kelvin Cross Sections

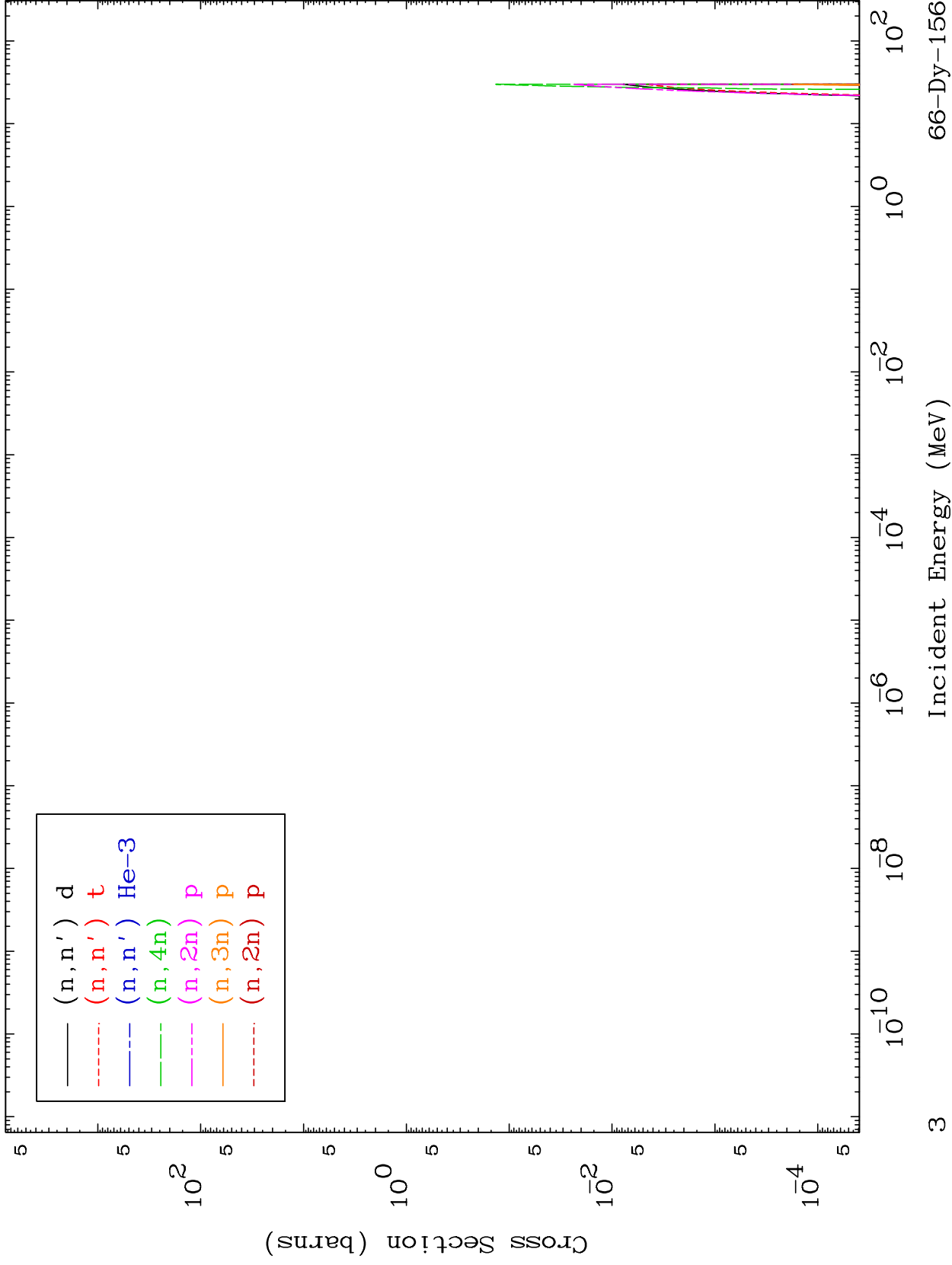
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MAT 6625

Neutron Absorption  
293 Kelvin Cross Sections

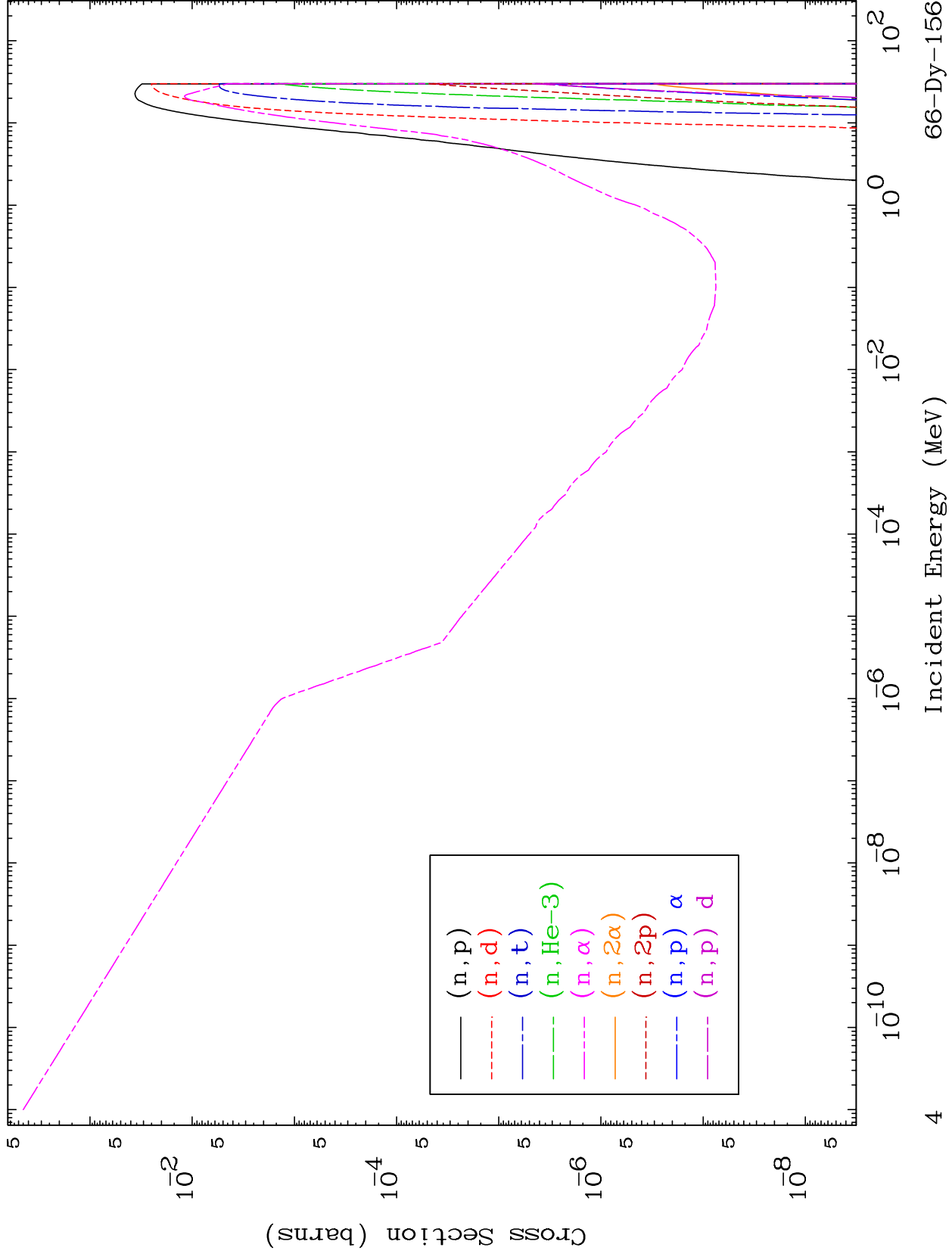
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MAT 6625

Neutron Absorption  
293 Kelvin Cross Sections

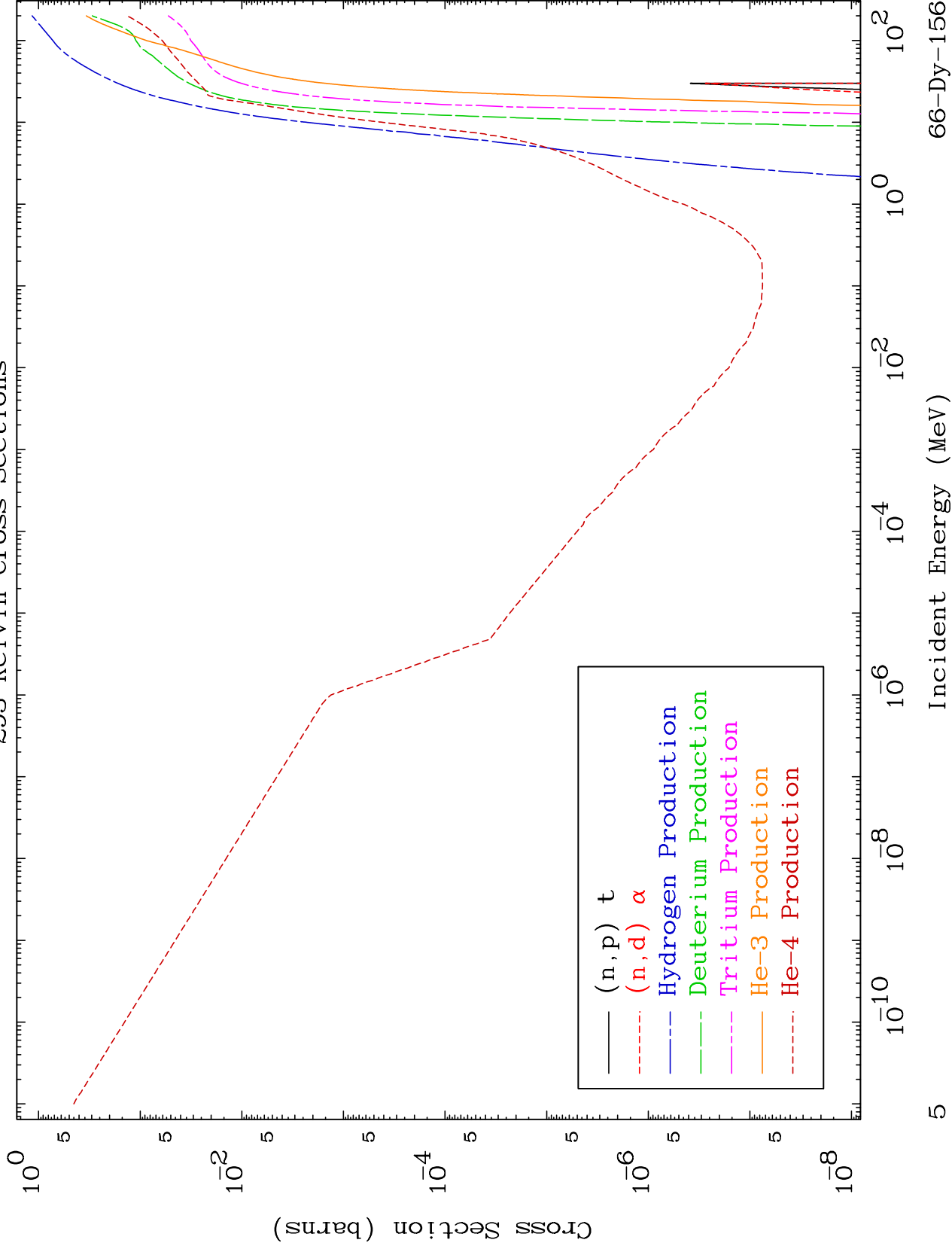
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MAT 6625

Neutron Absorption  
293 Kelvin Cross Sections

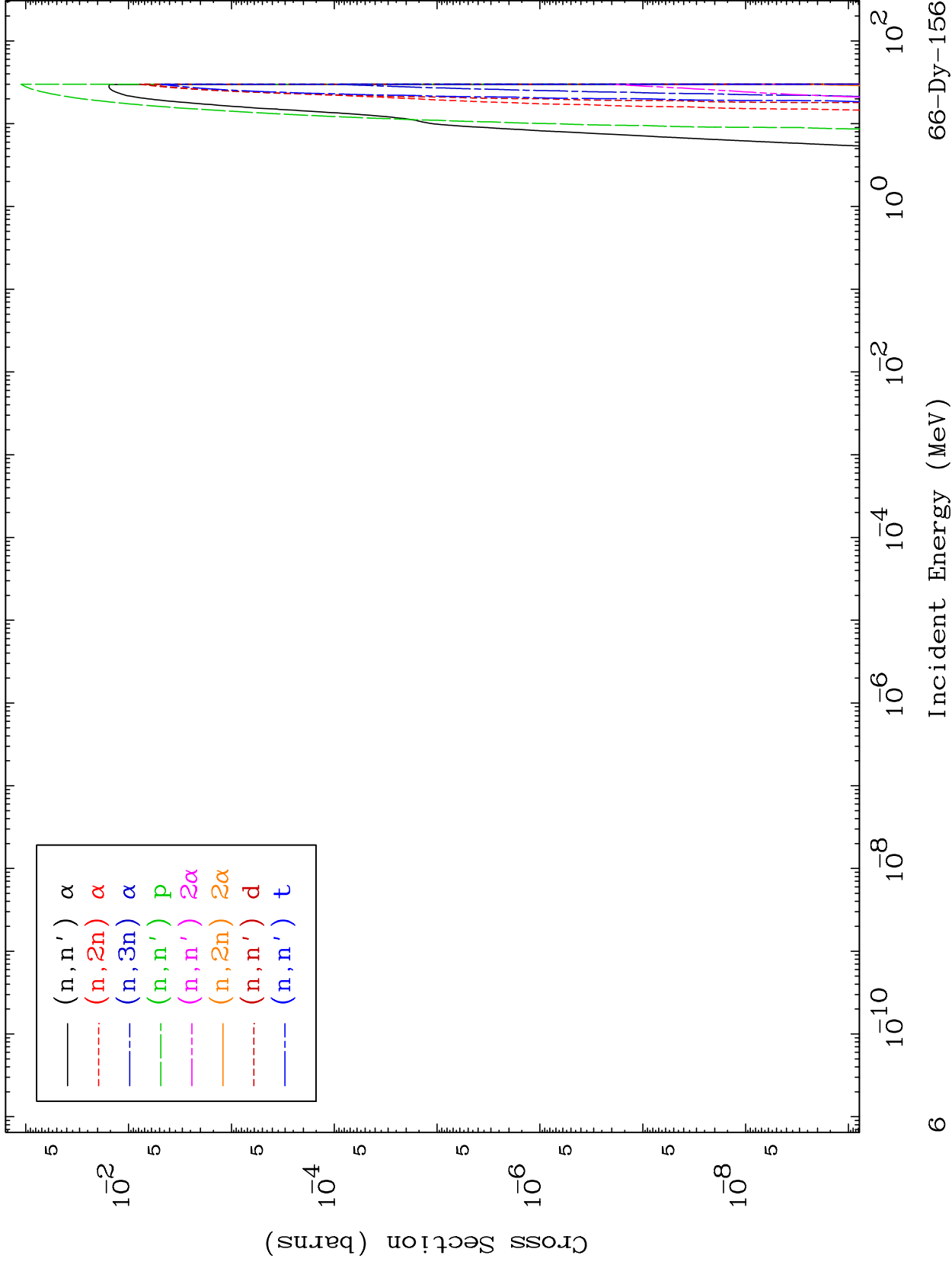
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MAT 6625

Charged Particle  
293 Kelvin Cross Sections

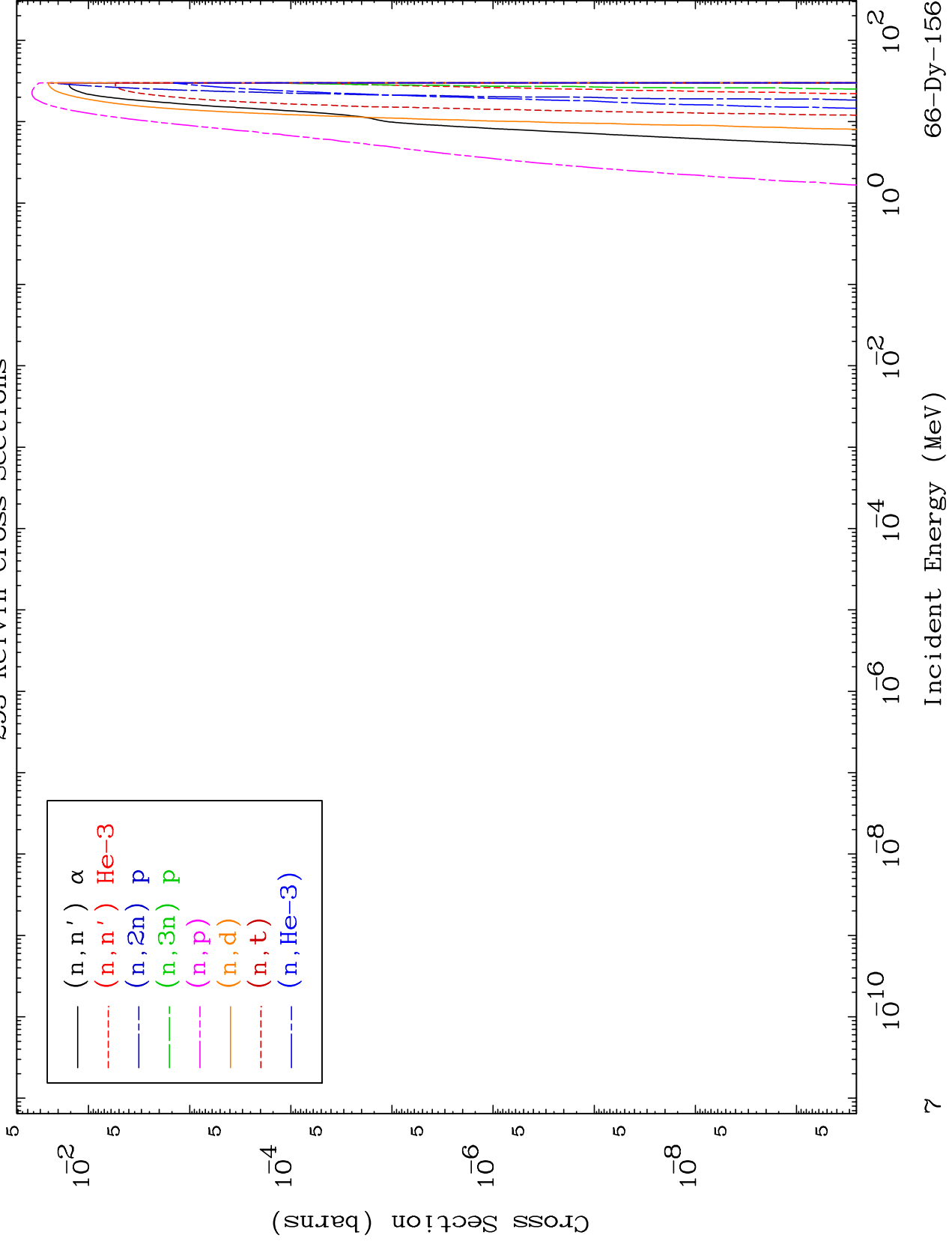
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MAT 6625

Charged Particle  
293 Kelvin Cross Sections

66-Dy-156

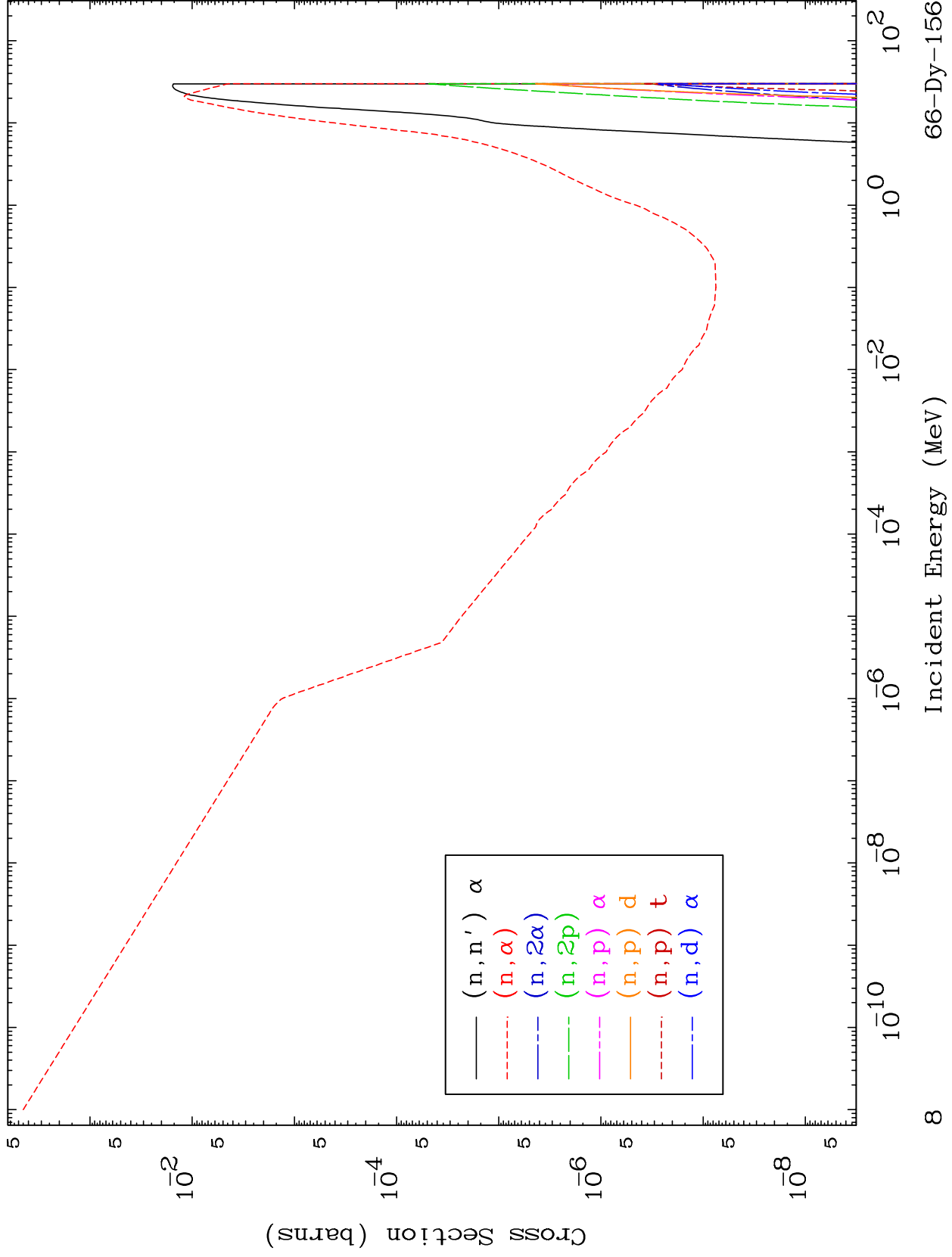


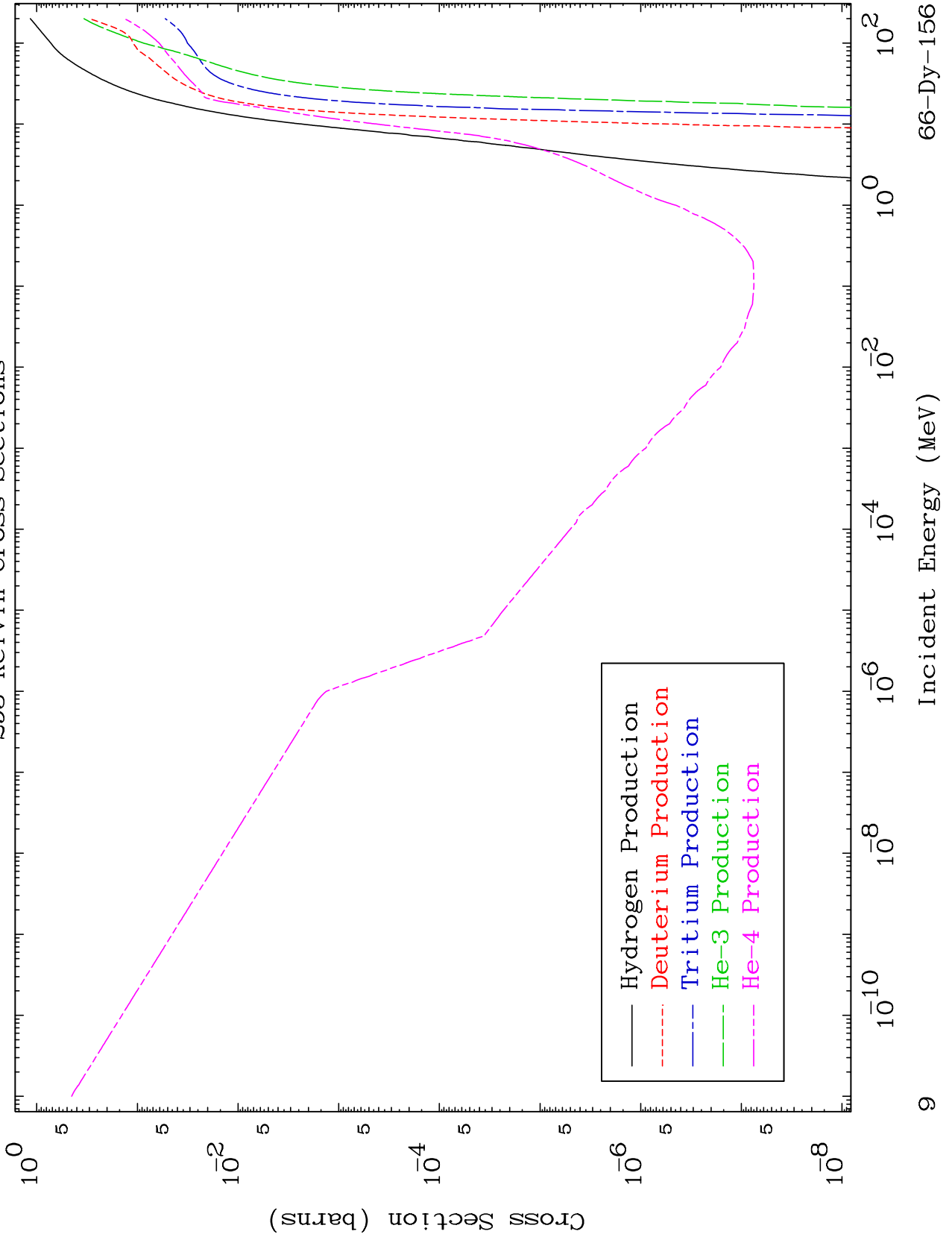


MAT 6625

Charged Particle  
293 Kelvin Cross Sections

66-Dy-156



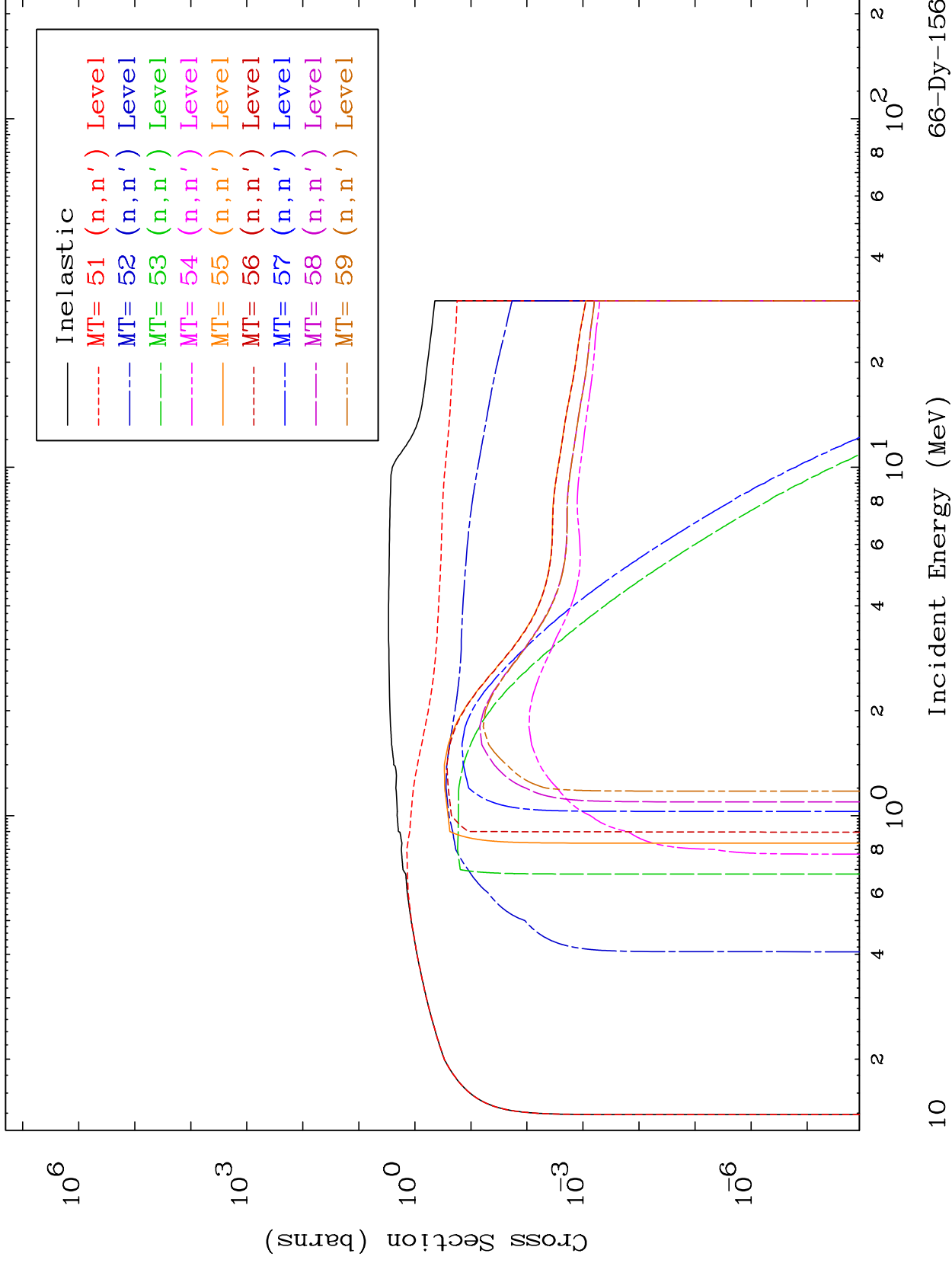


MAT 6625

(n,n') Levels

293 Kelvin Cross Sections

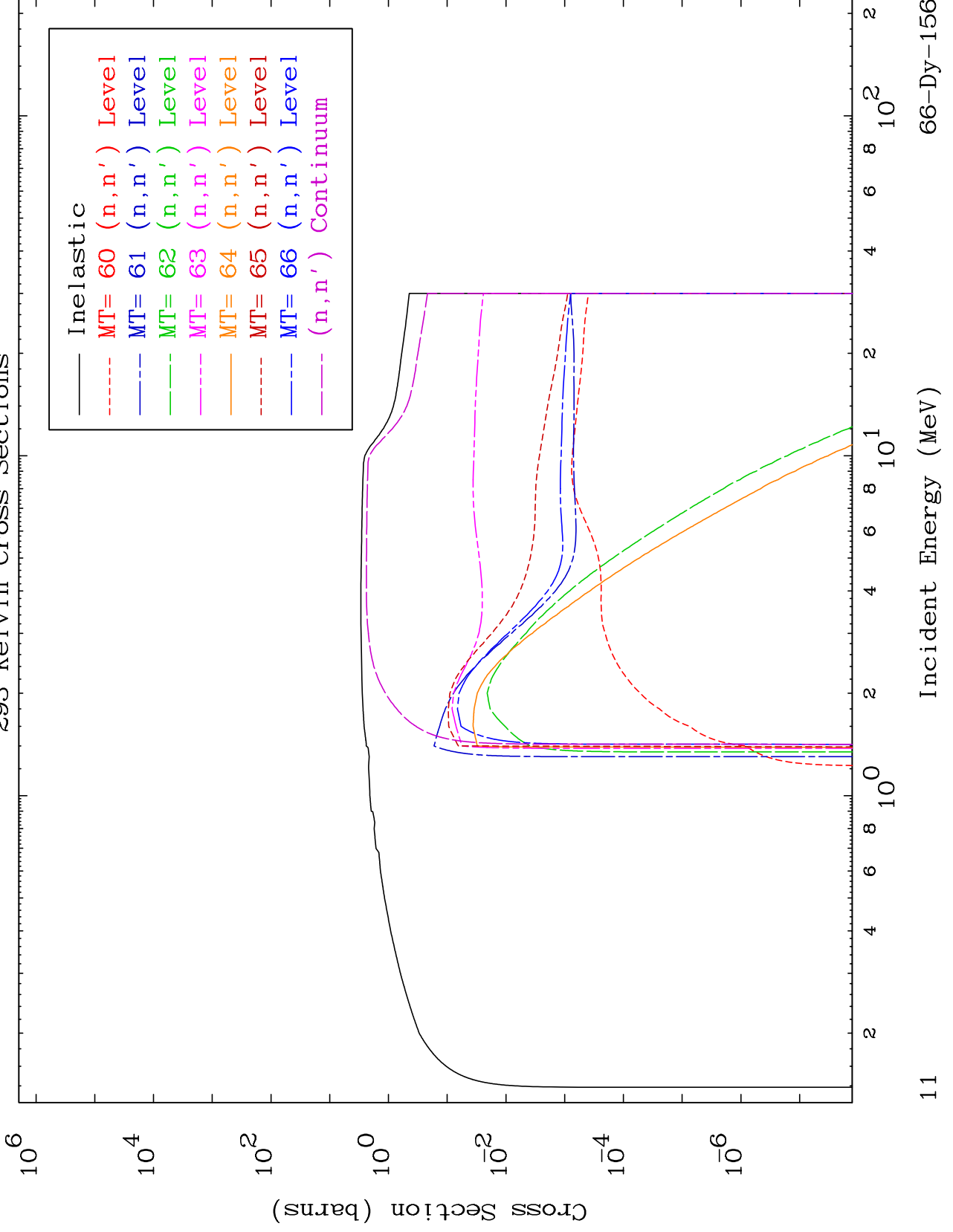
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Incident Energy (MeV)

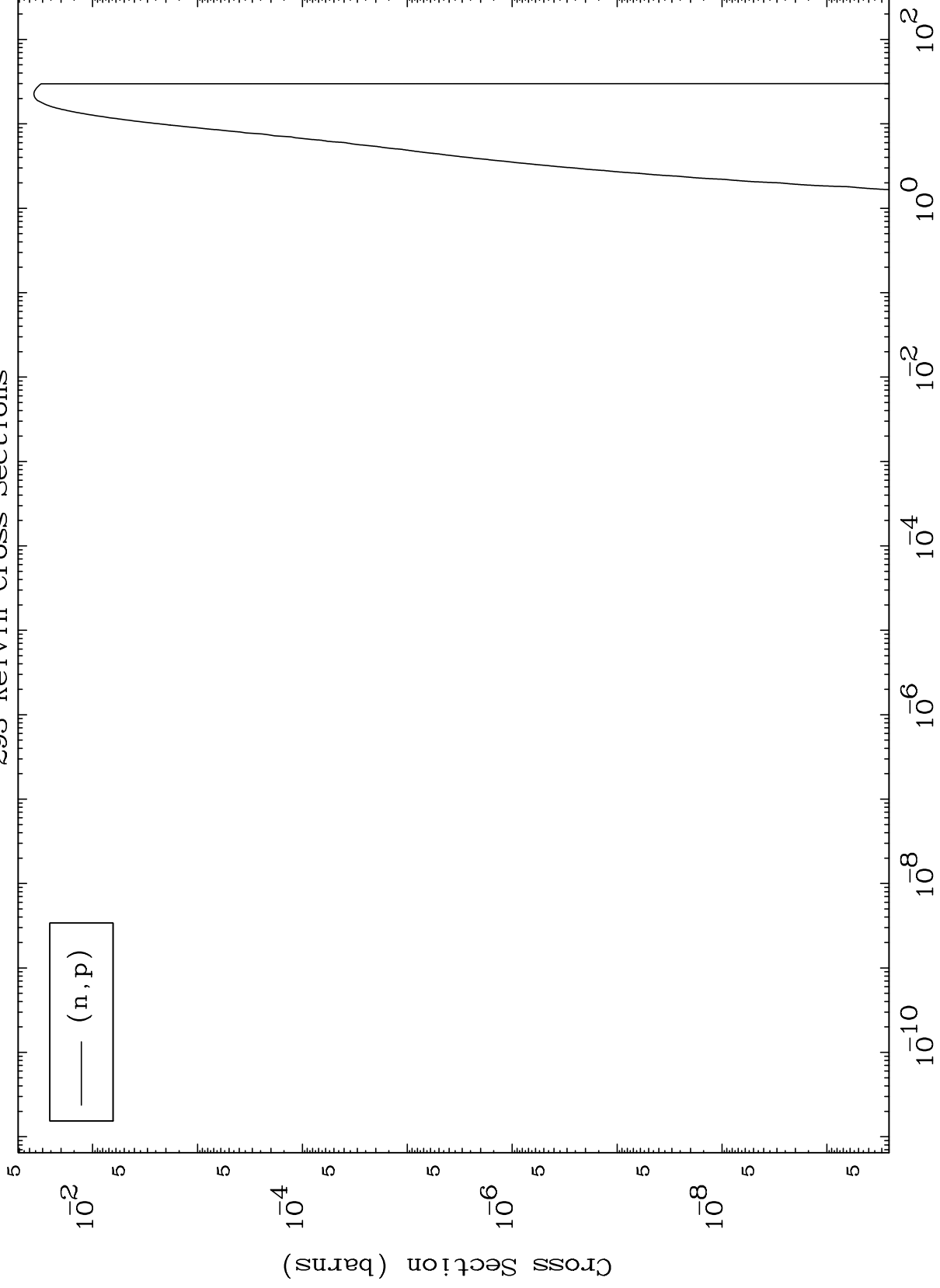
66-Dy-156



MAT 6625

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-156



12

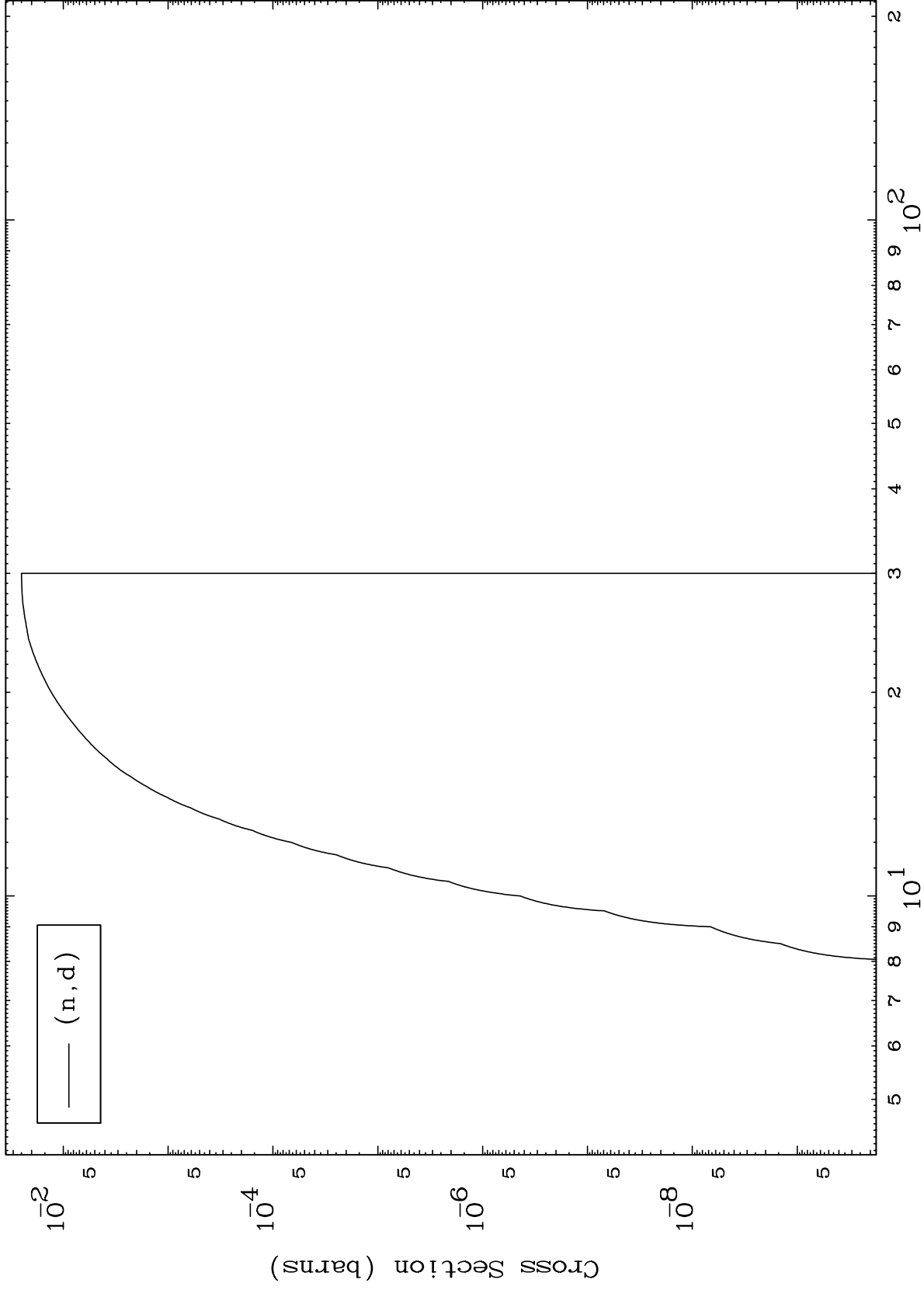
Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-156



13

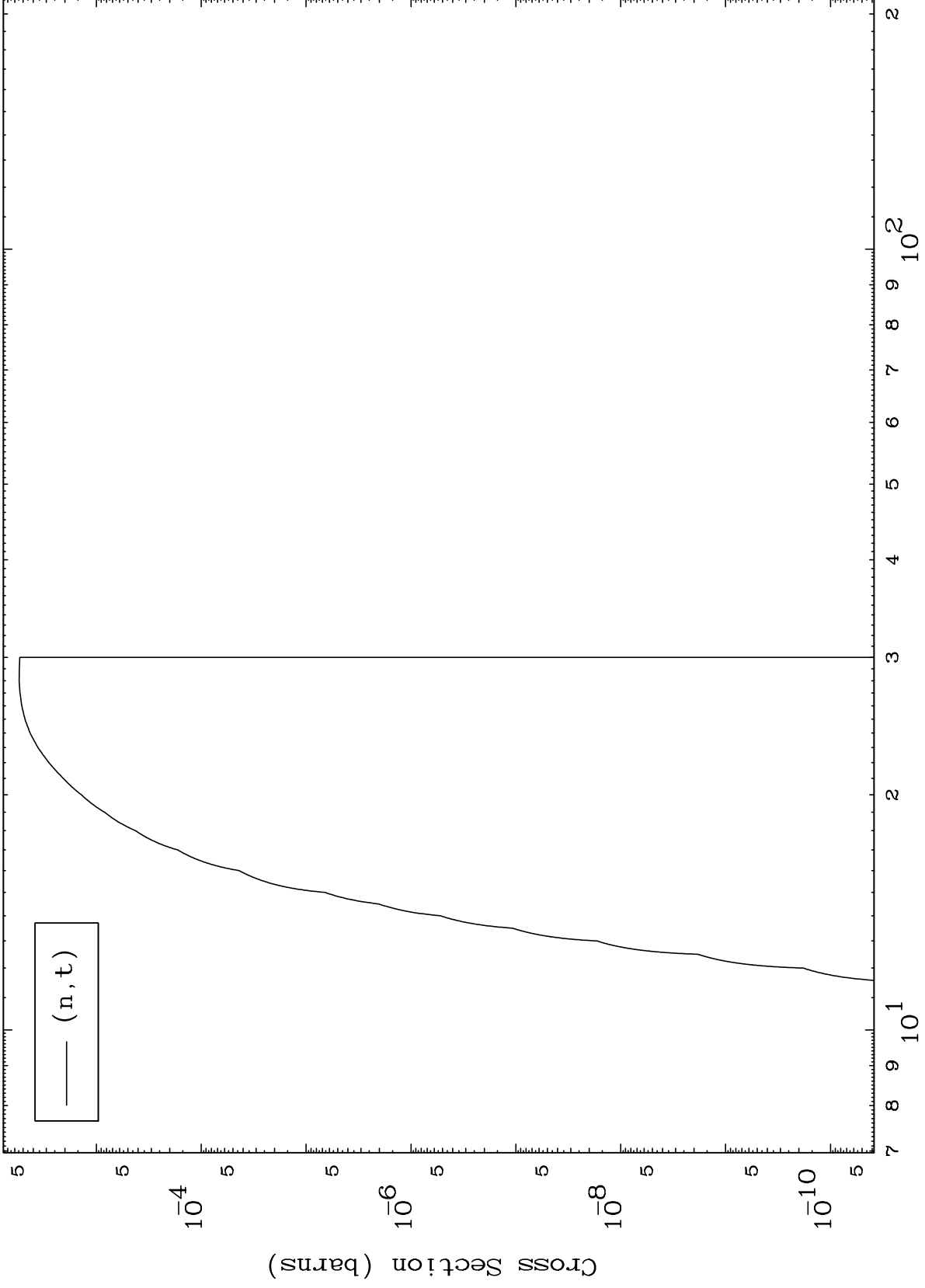
Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-156



14

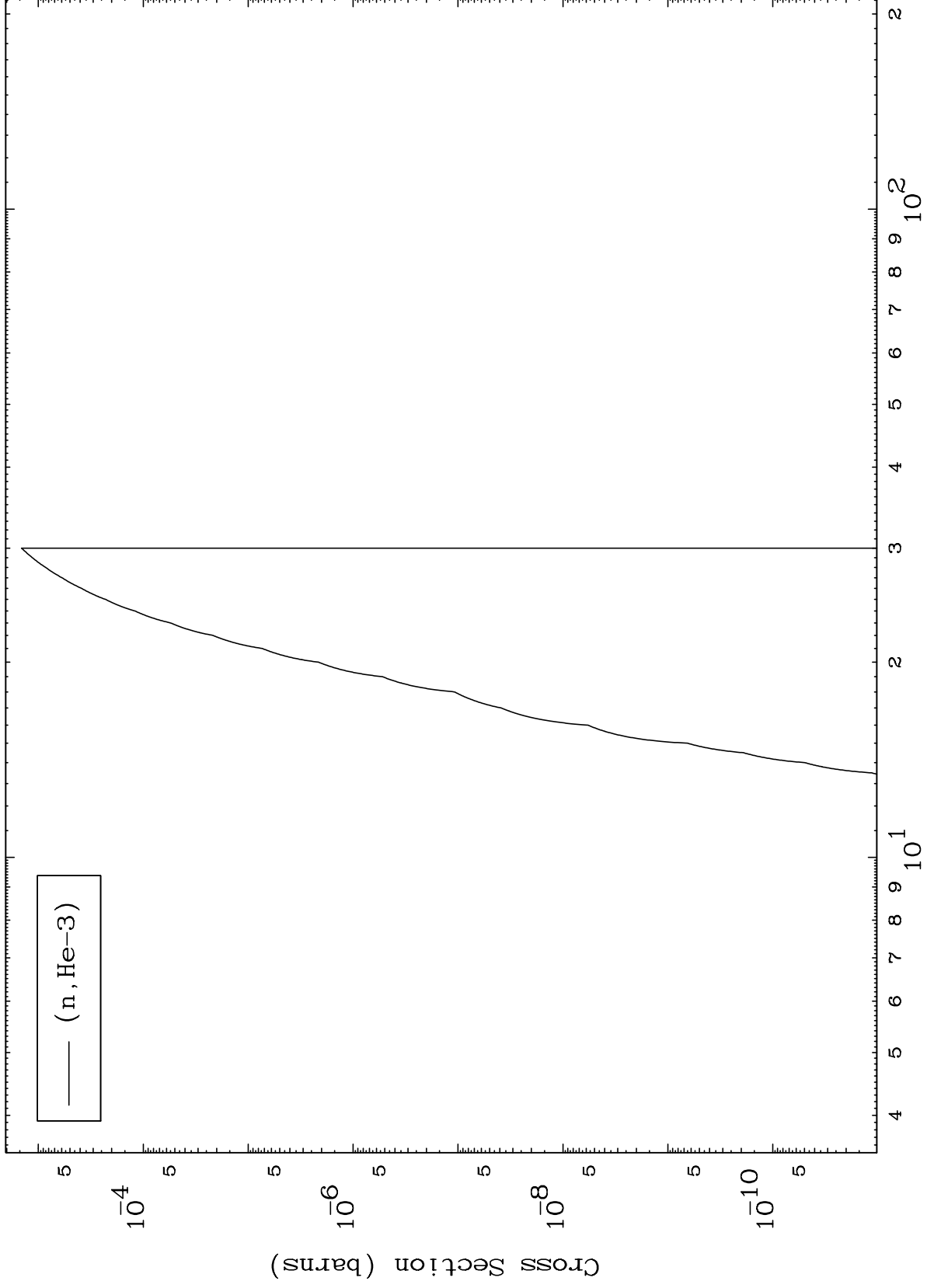
Incident Energy (MeV)

66-Dy-156

MAT 6625

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-156



15

Incident Energy (MeV)

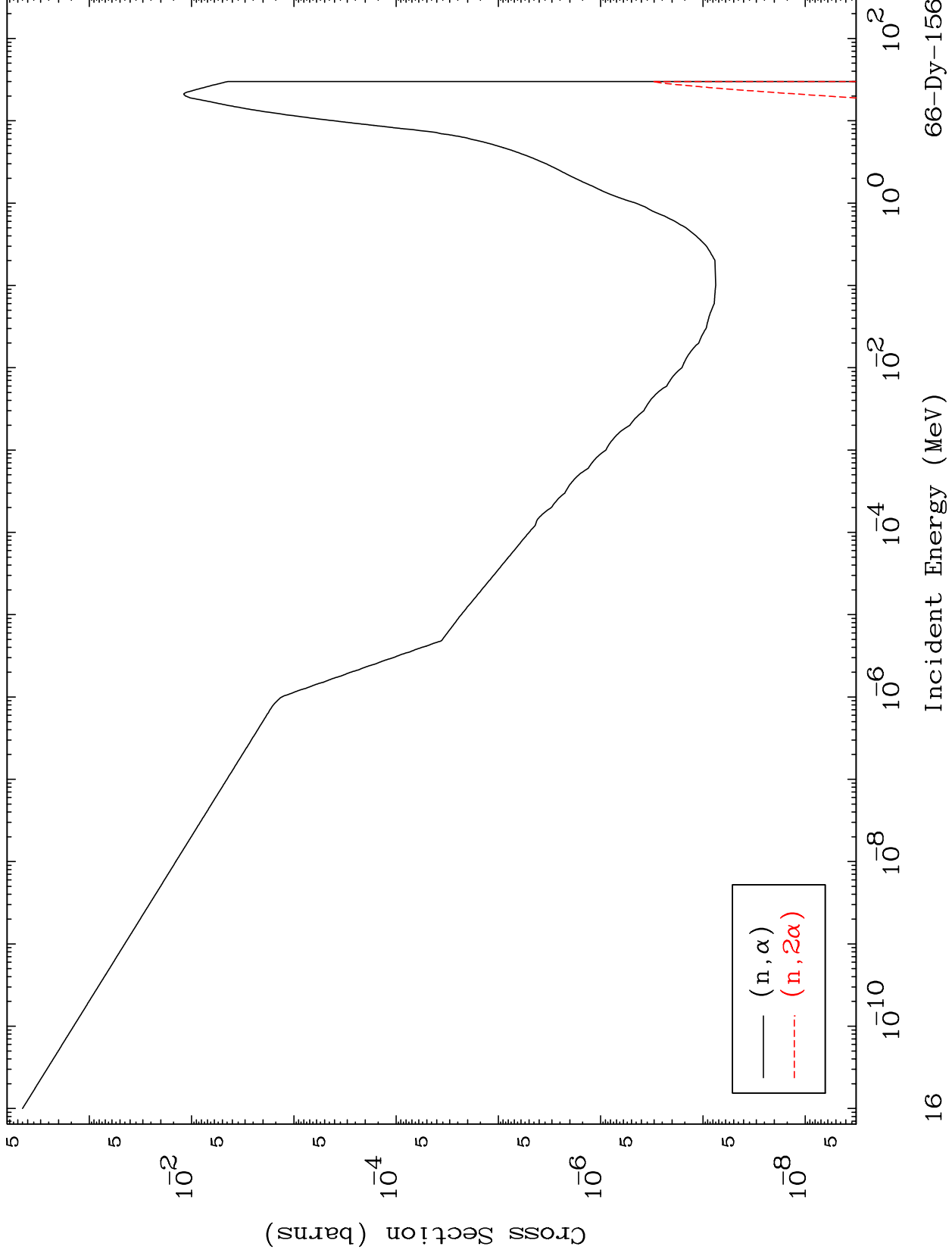
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MAT 6625

(n,α) Levels  
293 Kelvin Cross Sections

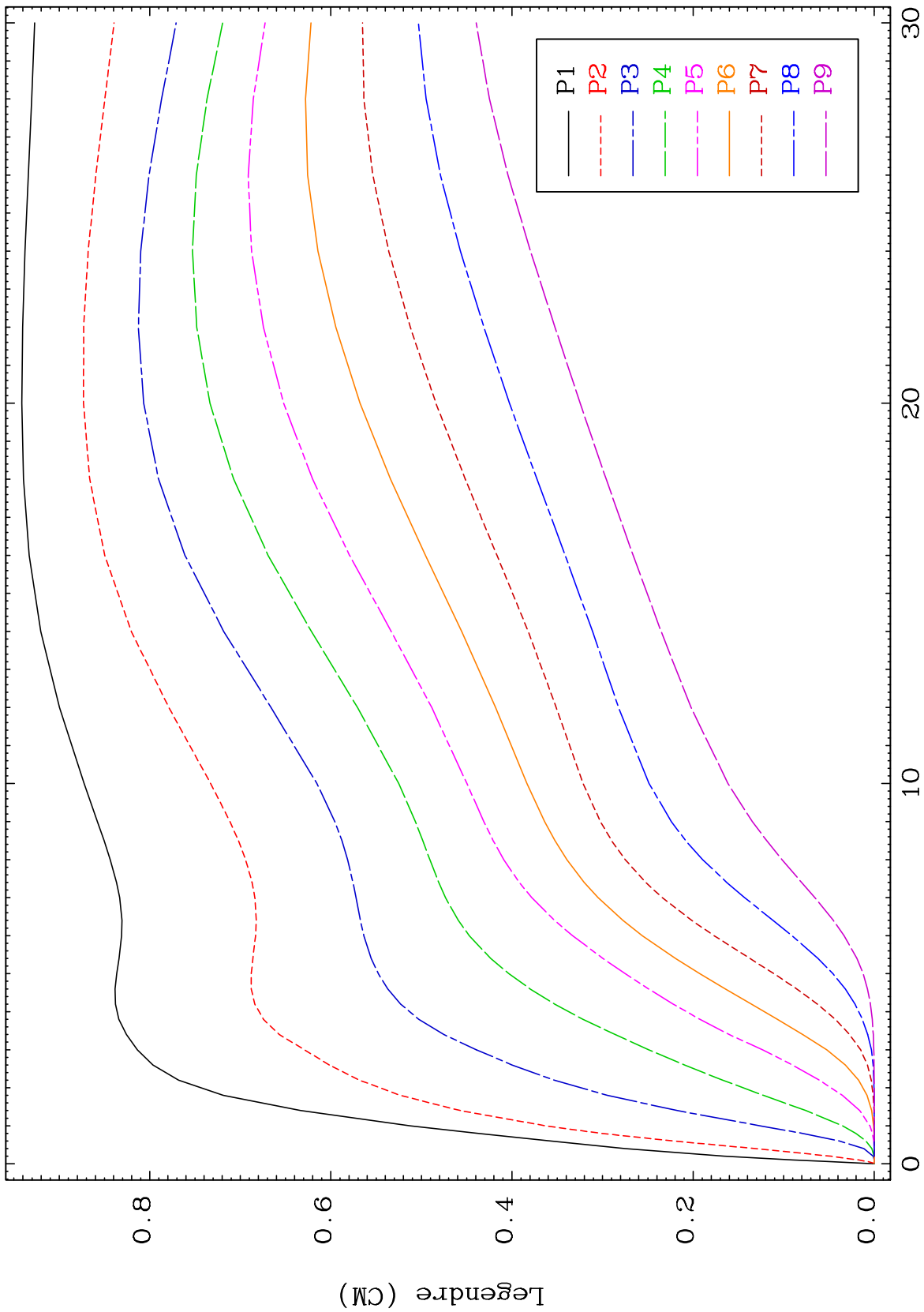
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MAT 6625

Elastic Legendre Coefficients

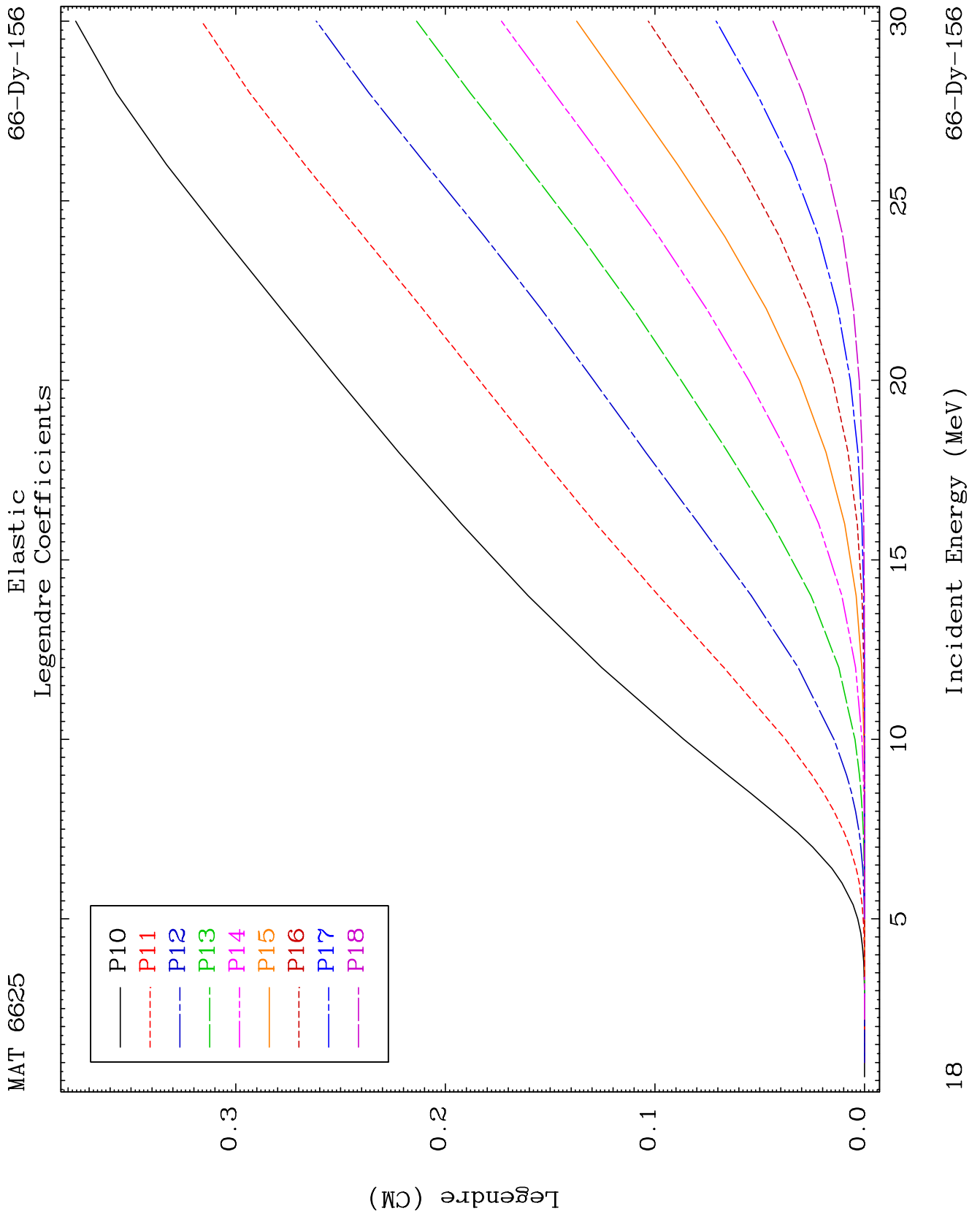
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Incident Energy (MeV)

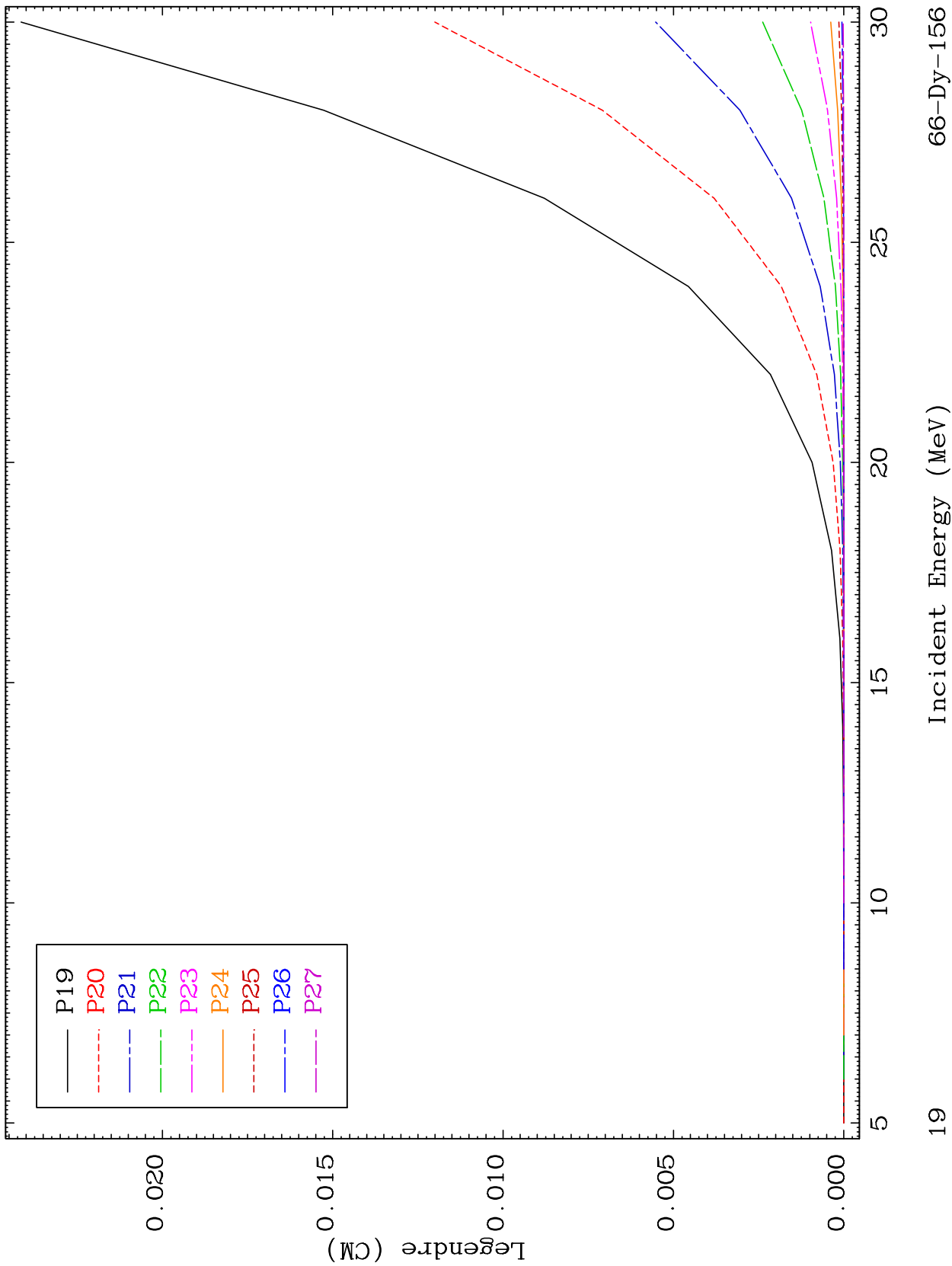
66-Dy-156



MAT 6625

### Elastic Legendre Coefficients

66-Dy-156



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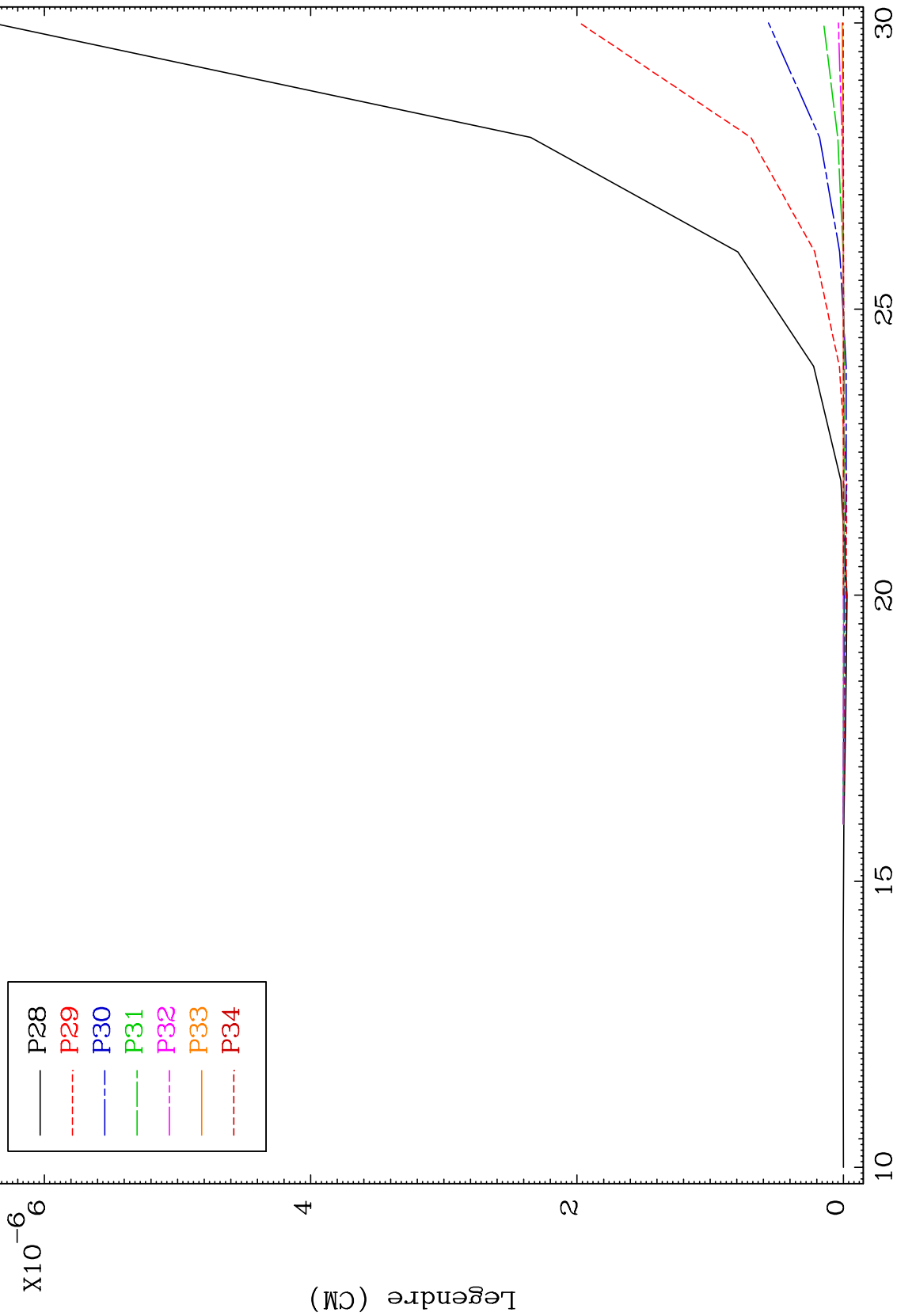
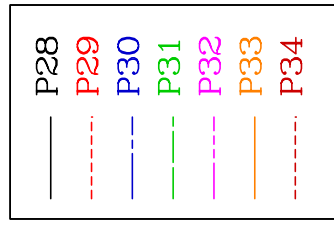
Incident Energy (MeV)

66-Dy-156

MAT 6625

Elastic  
Legendre Coefficients

66-Dy-156



20

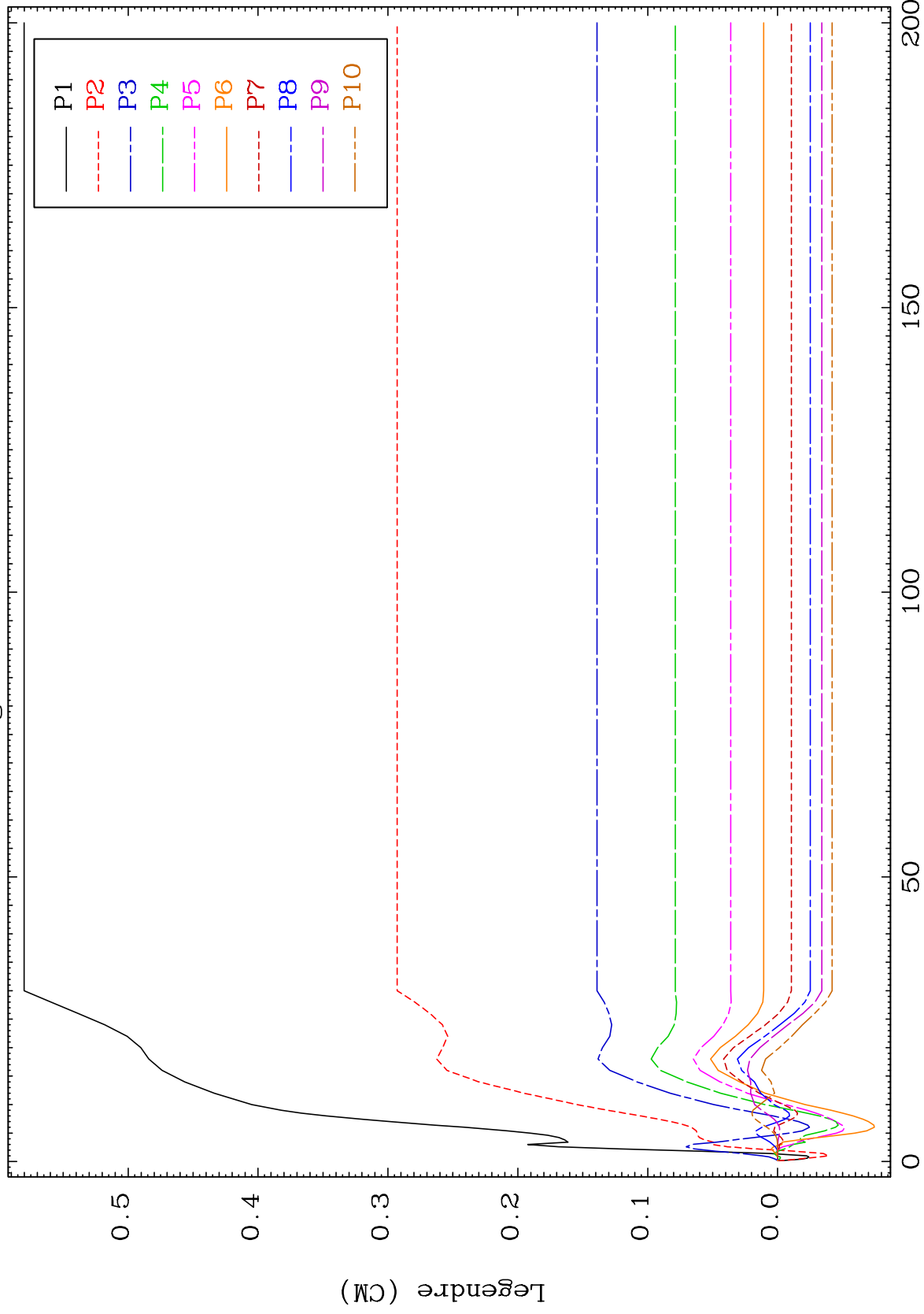
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



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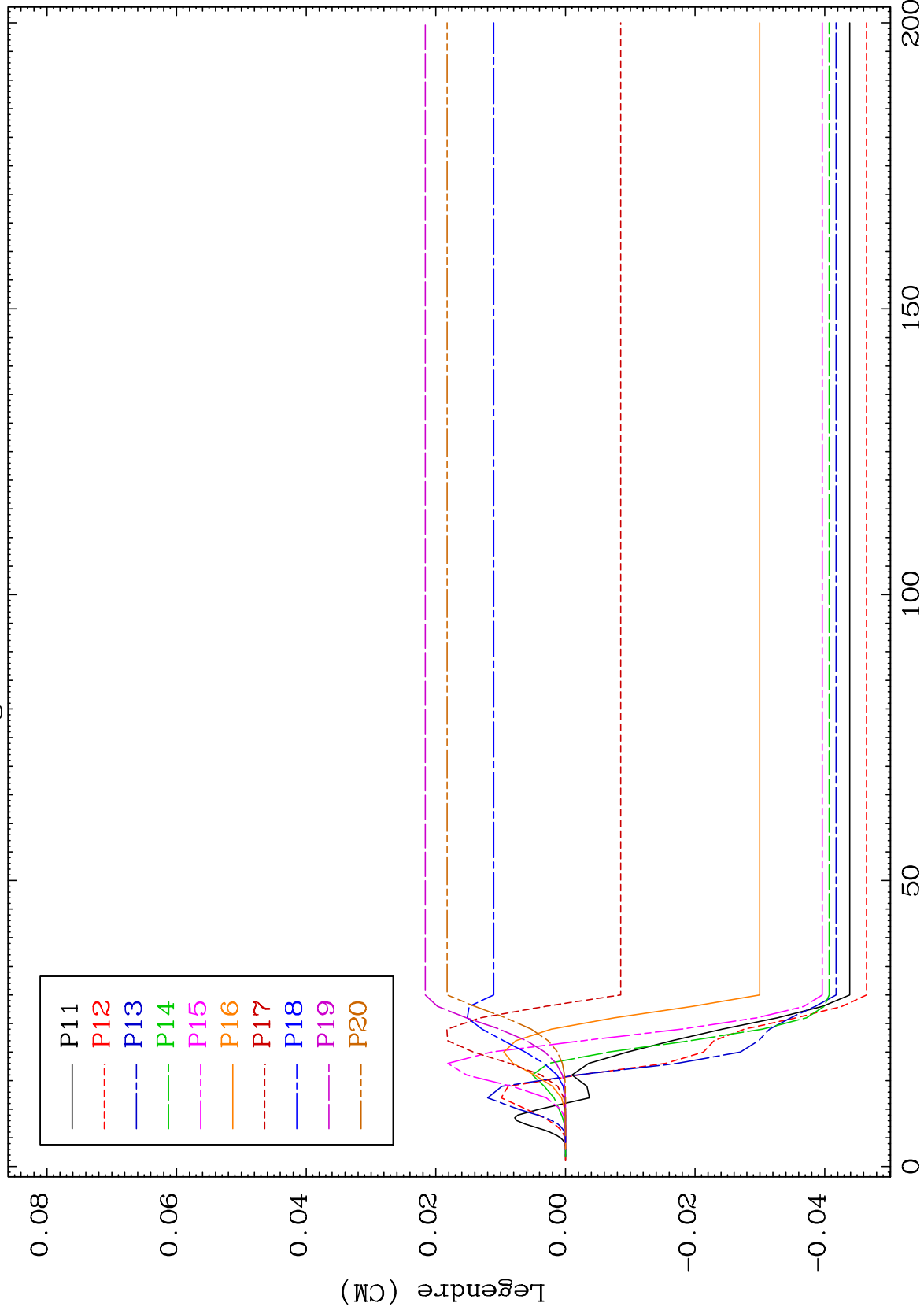
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



22

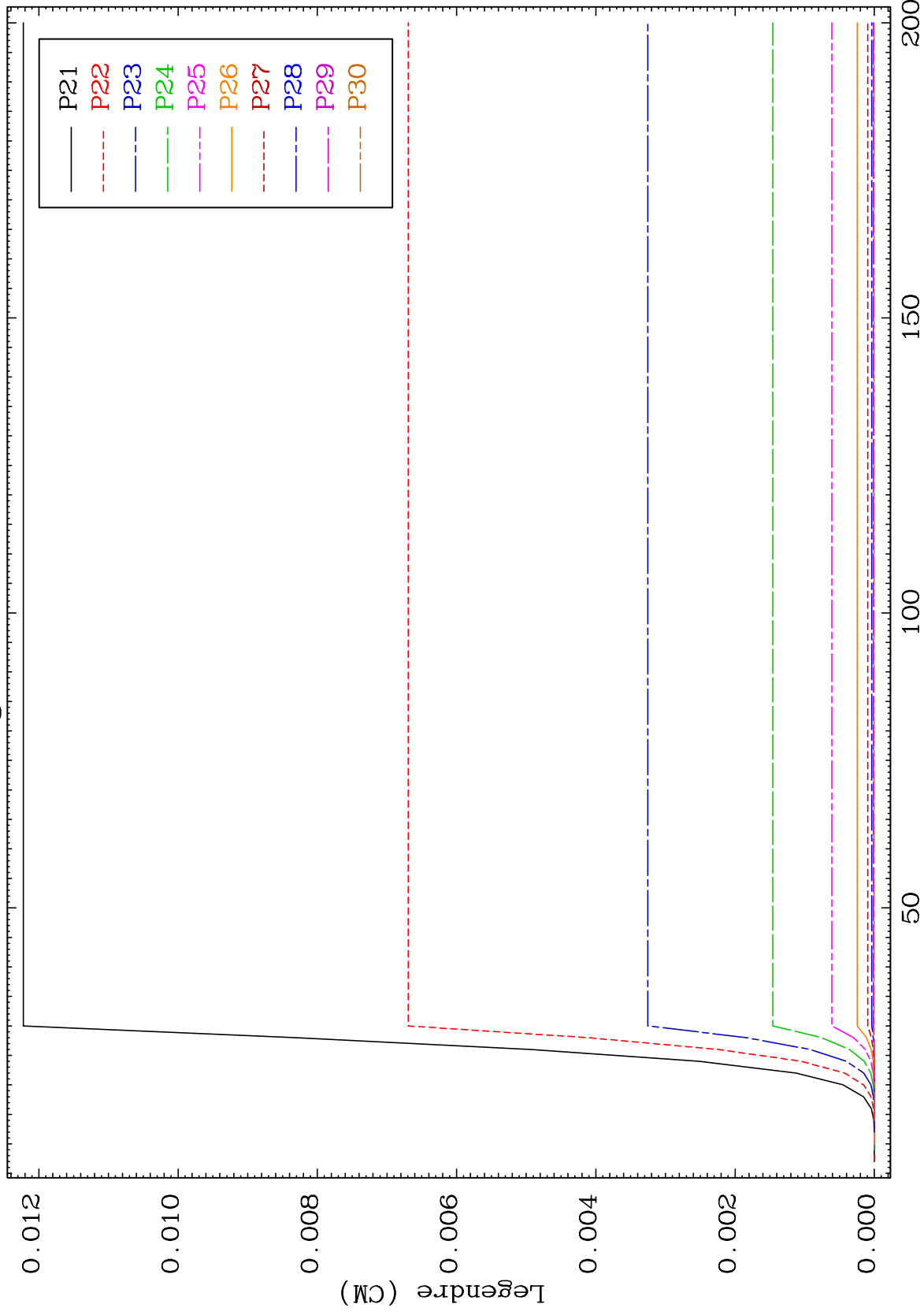
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



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Incident Energy (MeV)

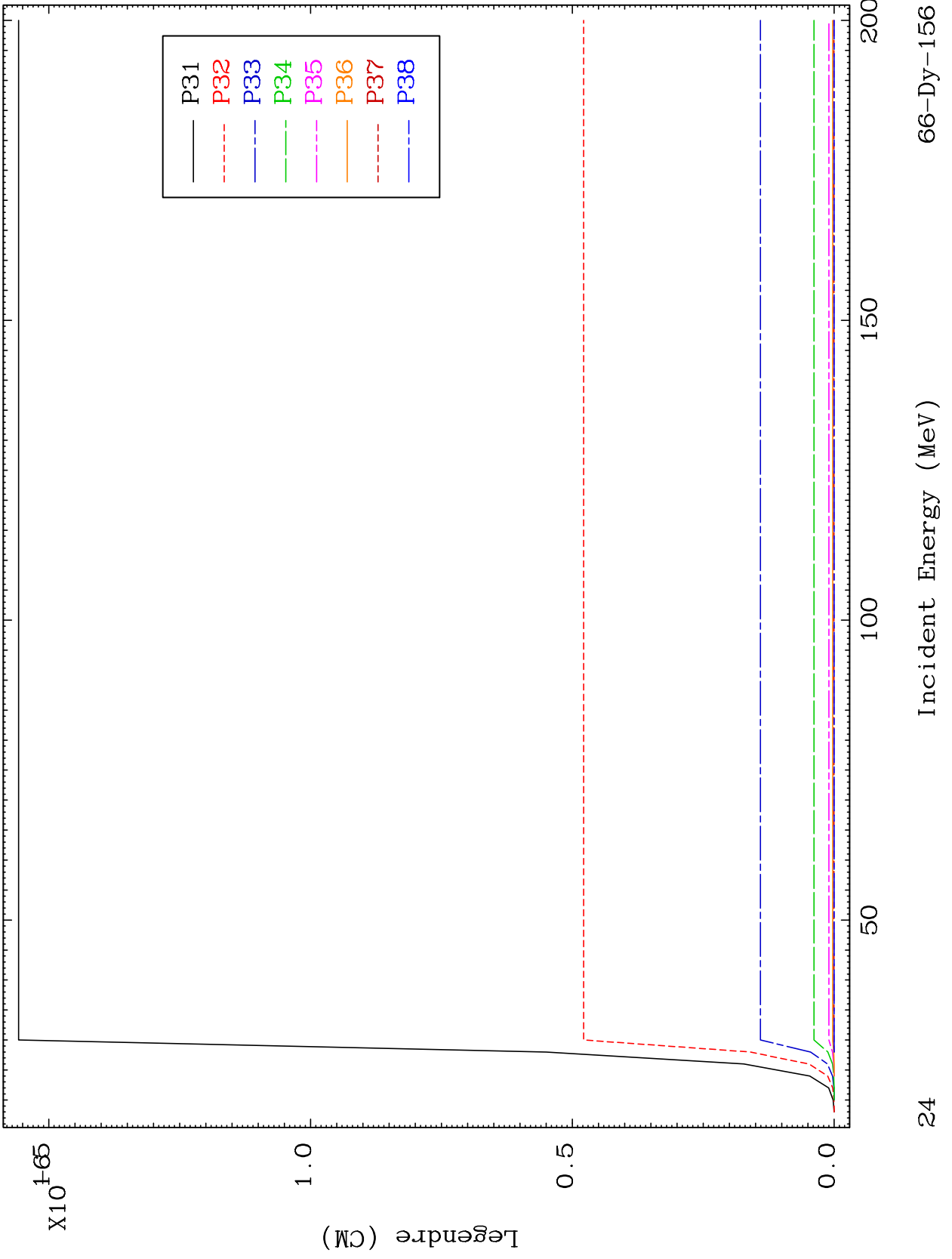
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MAT 6625

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

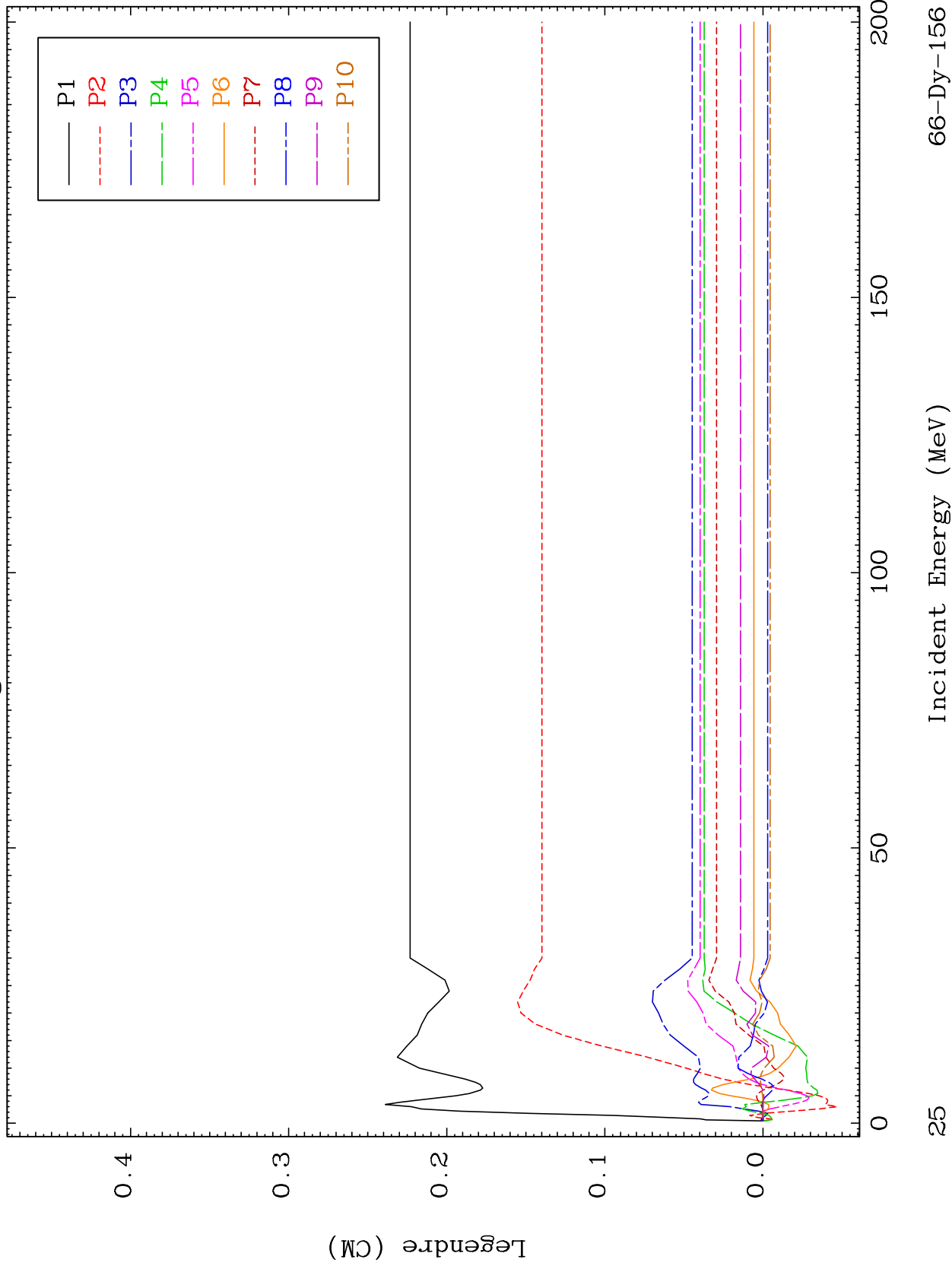
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MAT 6625

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

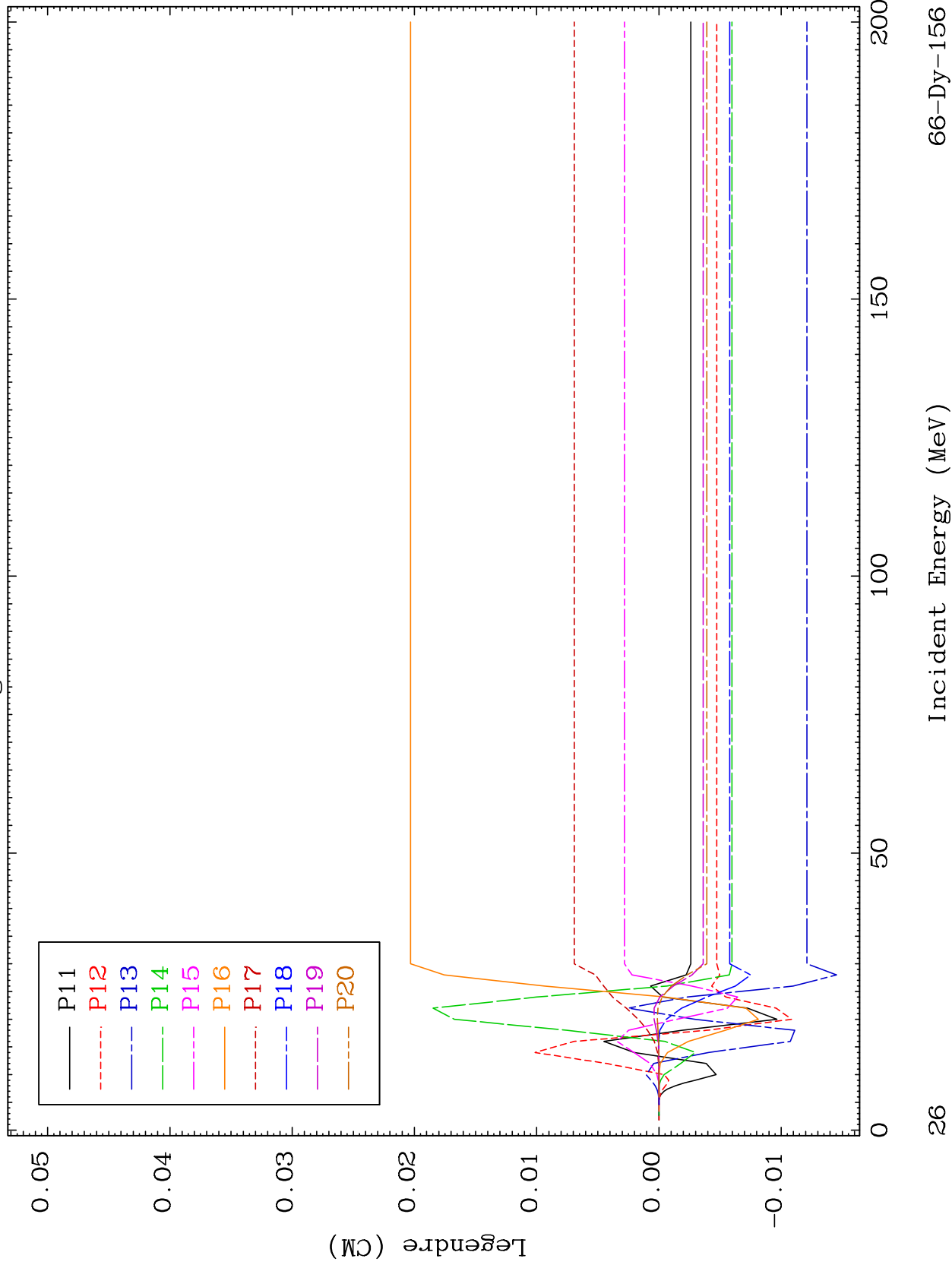
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MAT 6625

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

66-Dy-156



26

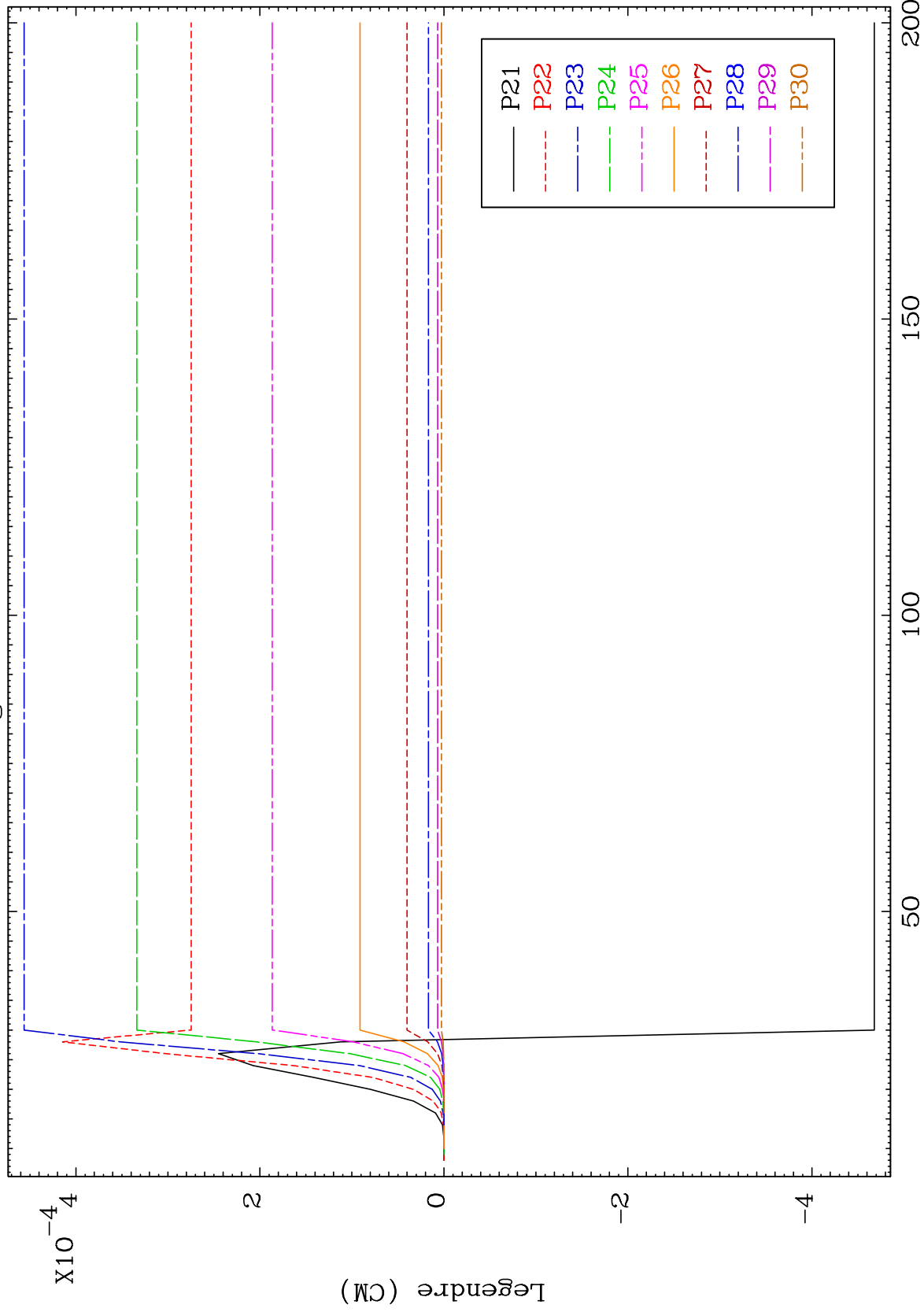
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



27

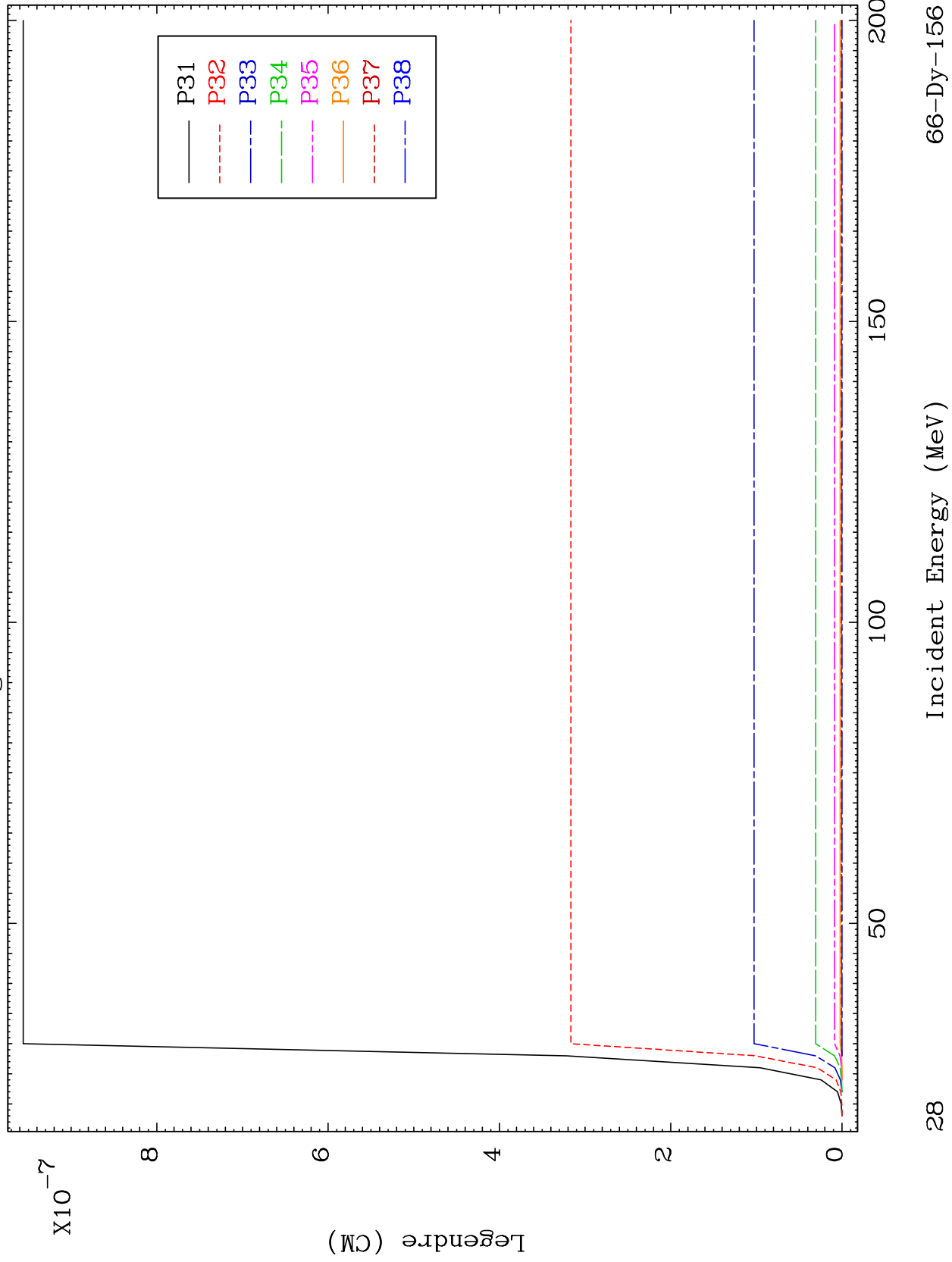
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

Incident Energy (MeV)

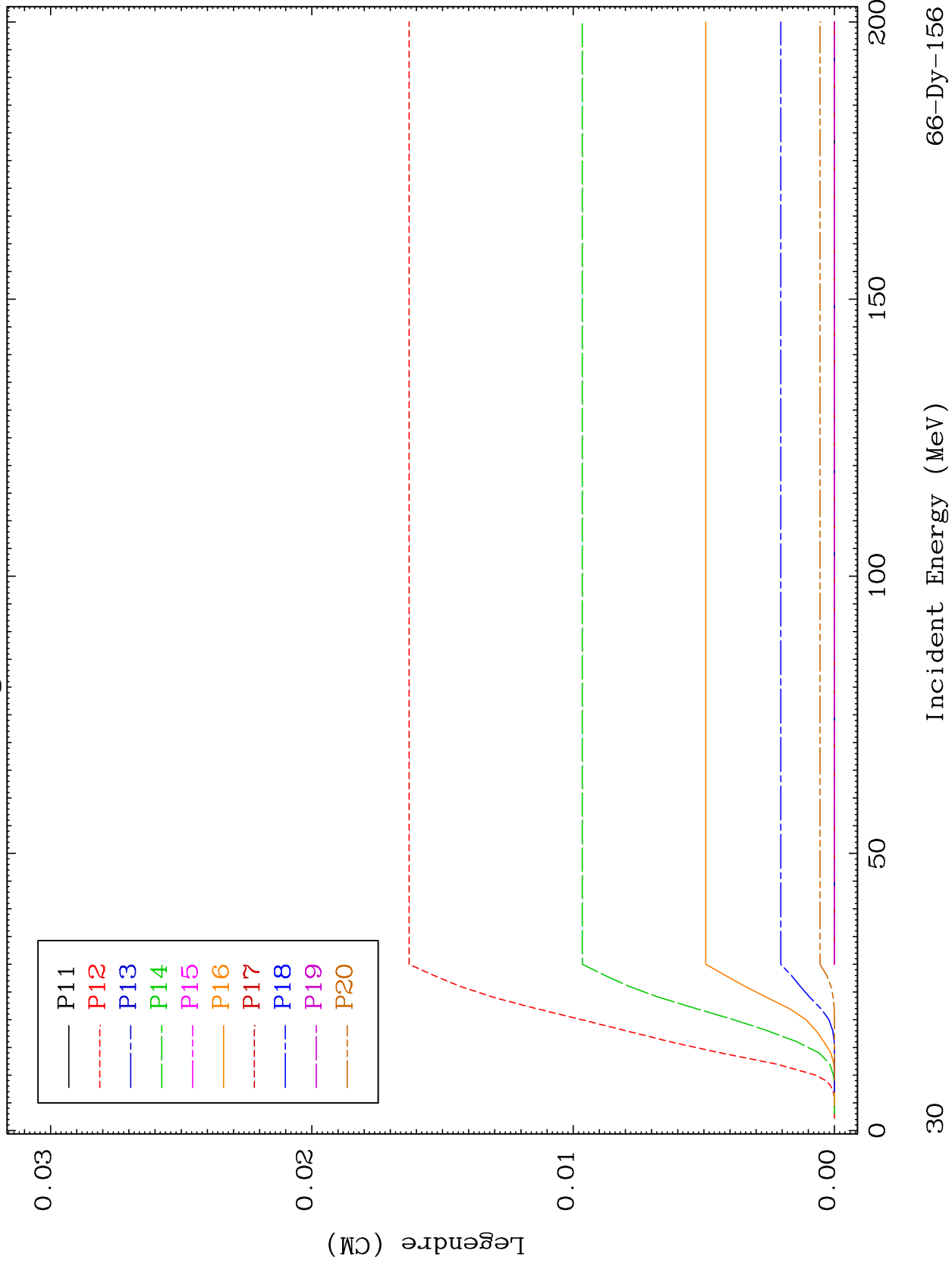
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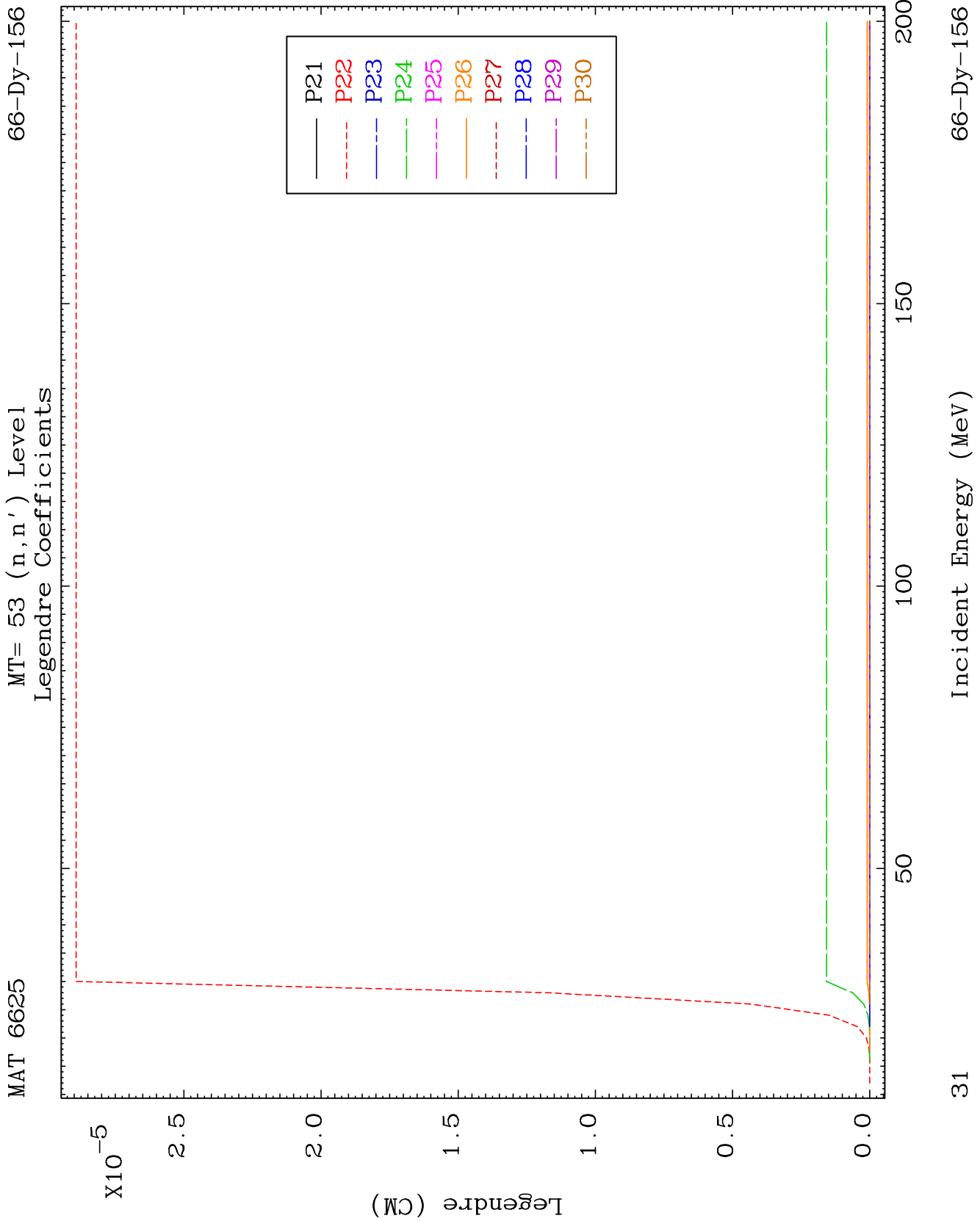
MAT 6625

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

66-Dy-156



66-Dy-156

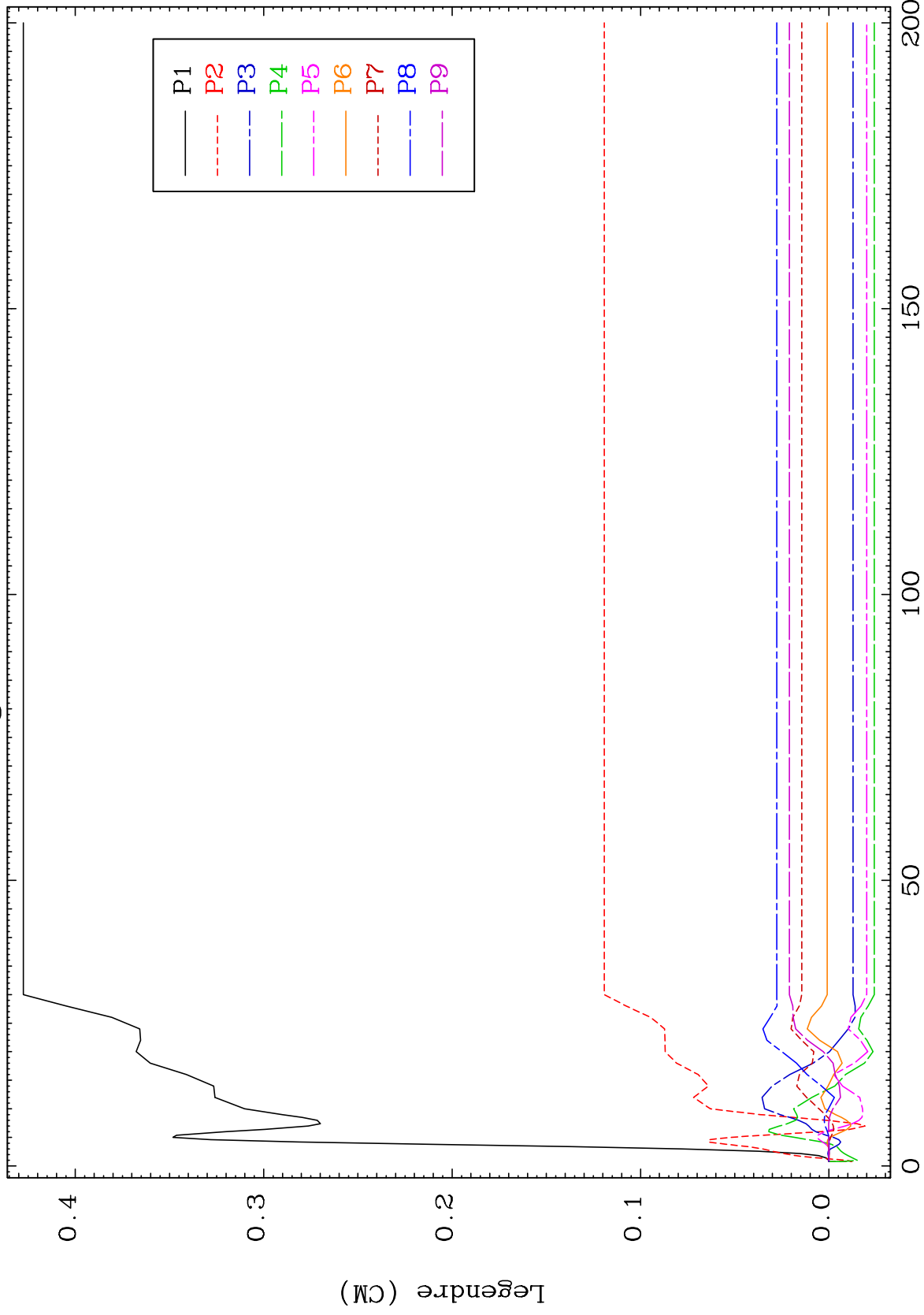




MAT 6625

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

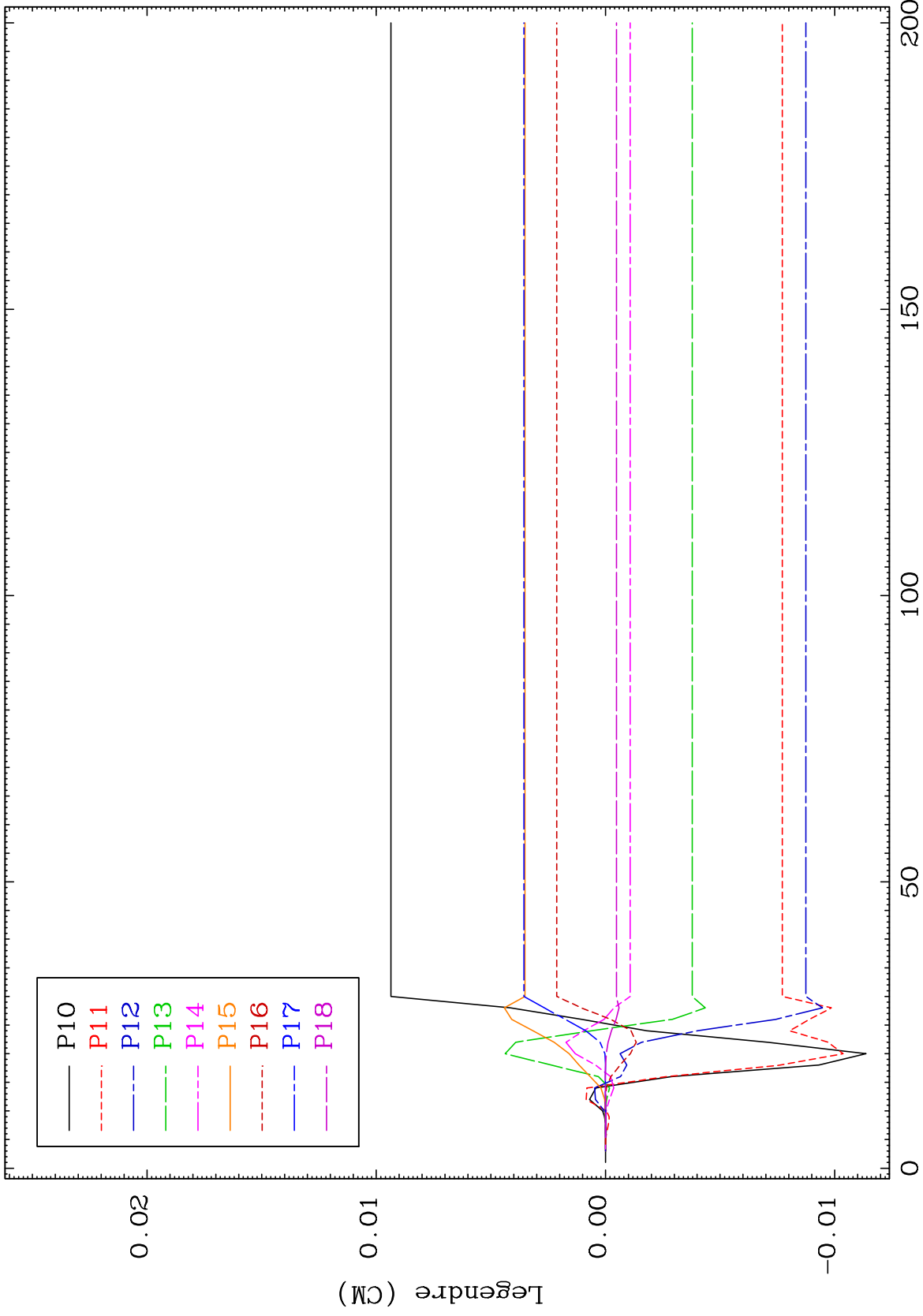
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Incident Energy (MeV)

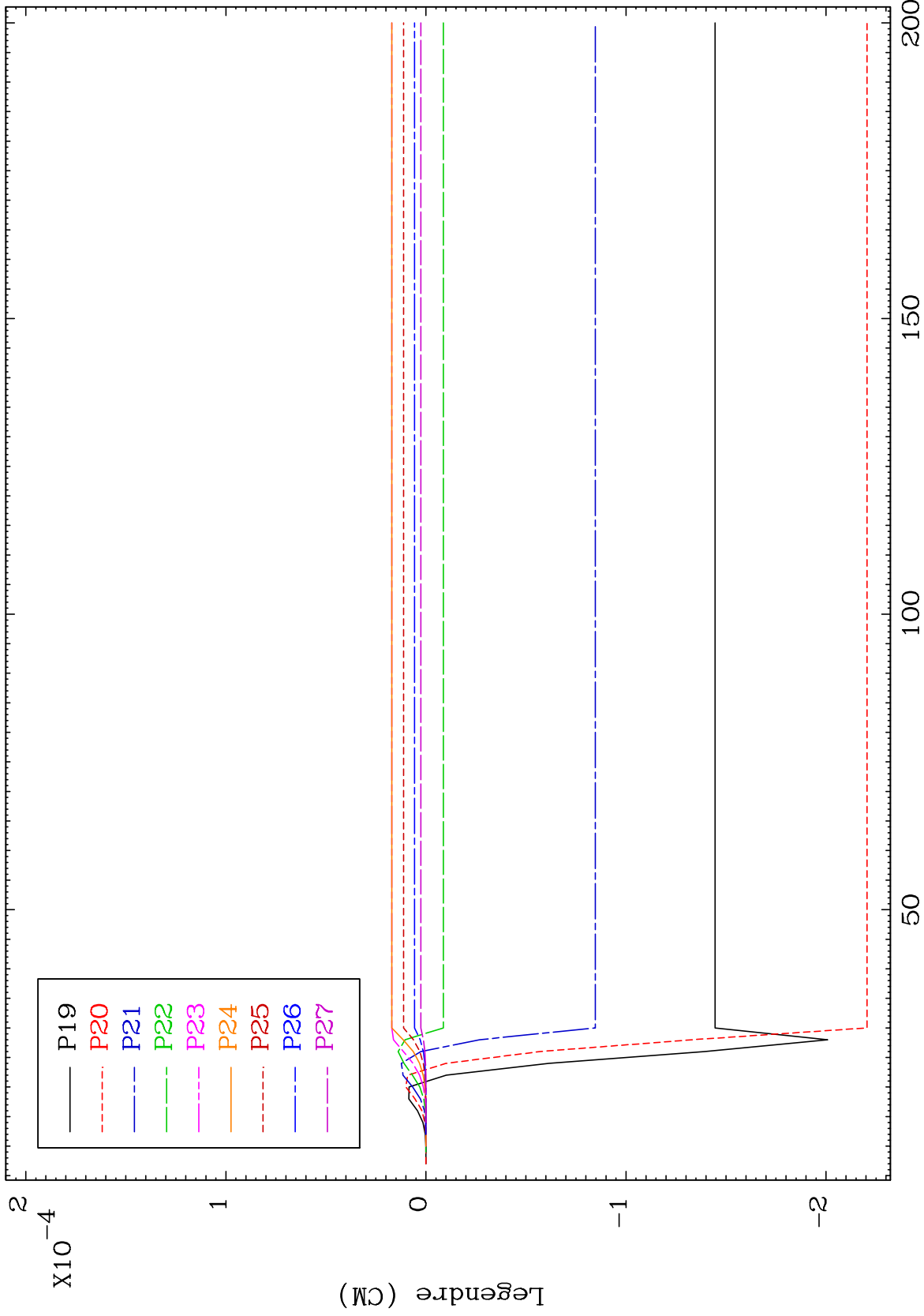
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MAT 6625

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

66-Dy-156



34

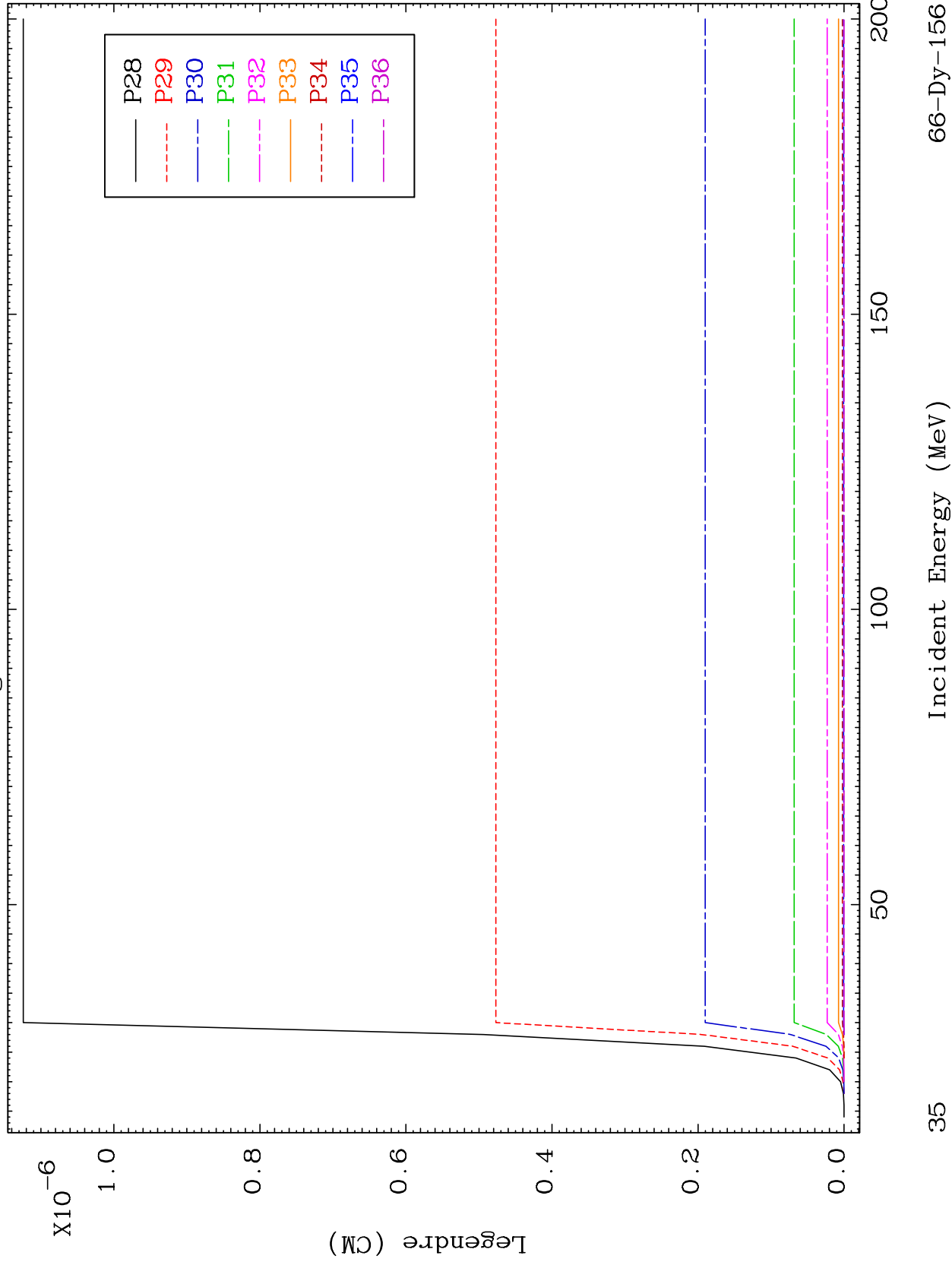
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

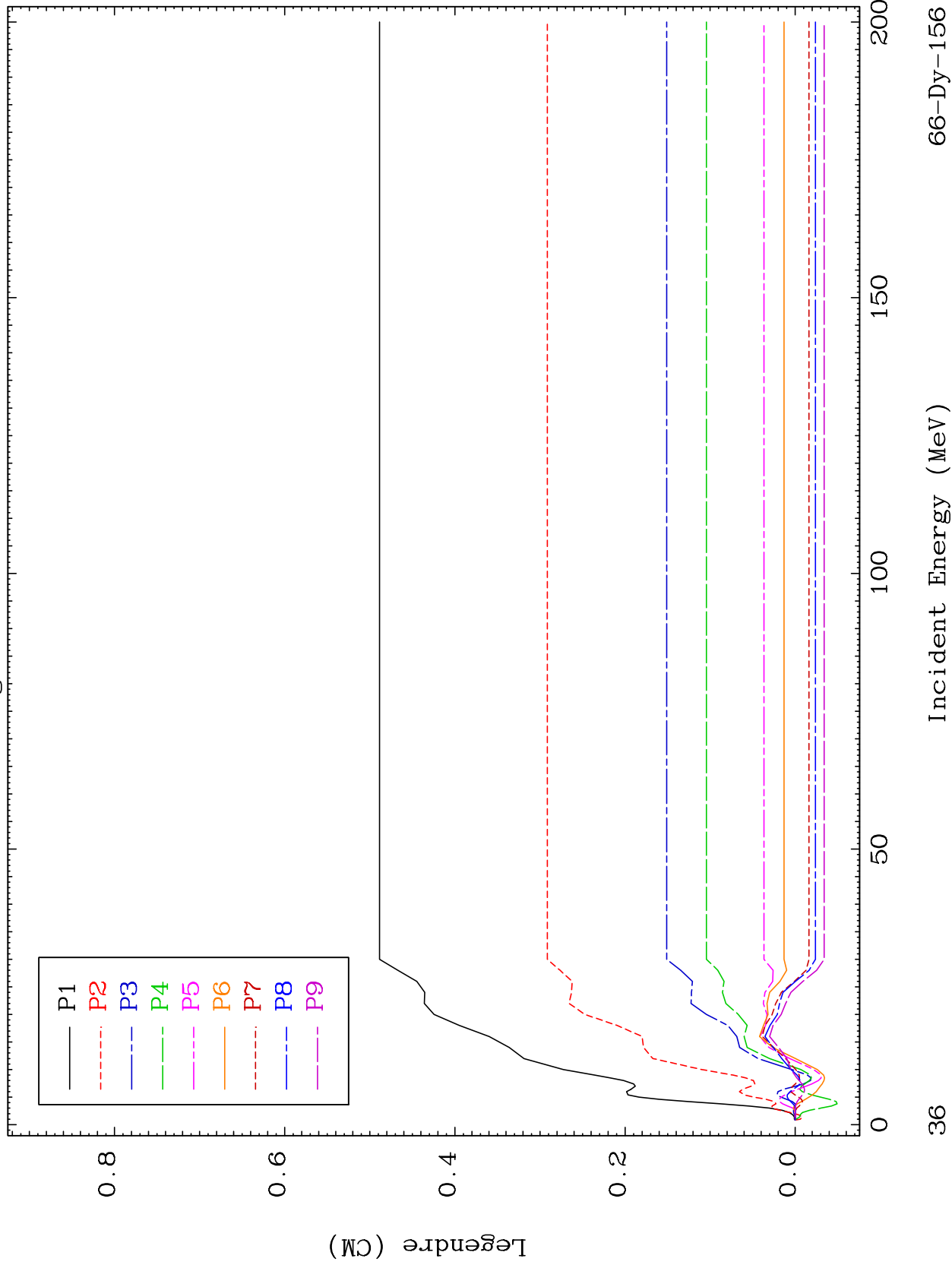
Incident Energy (MeV)

35

MAT 6625

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

66-Dy-156



36

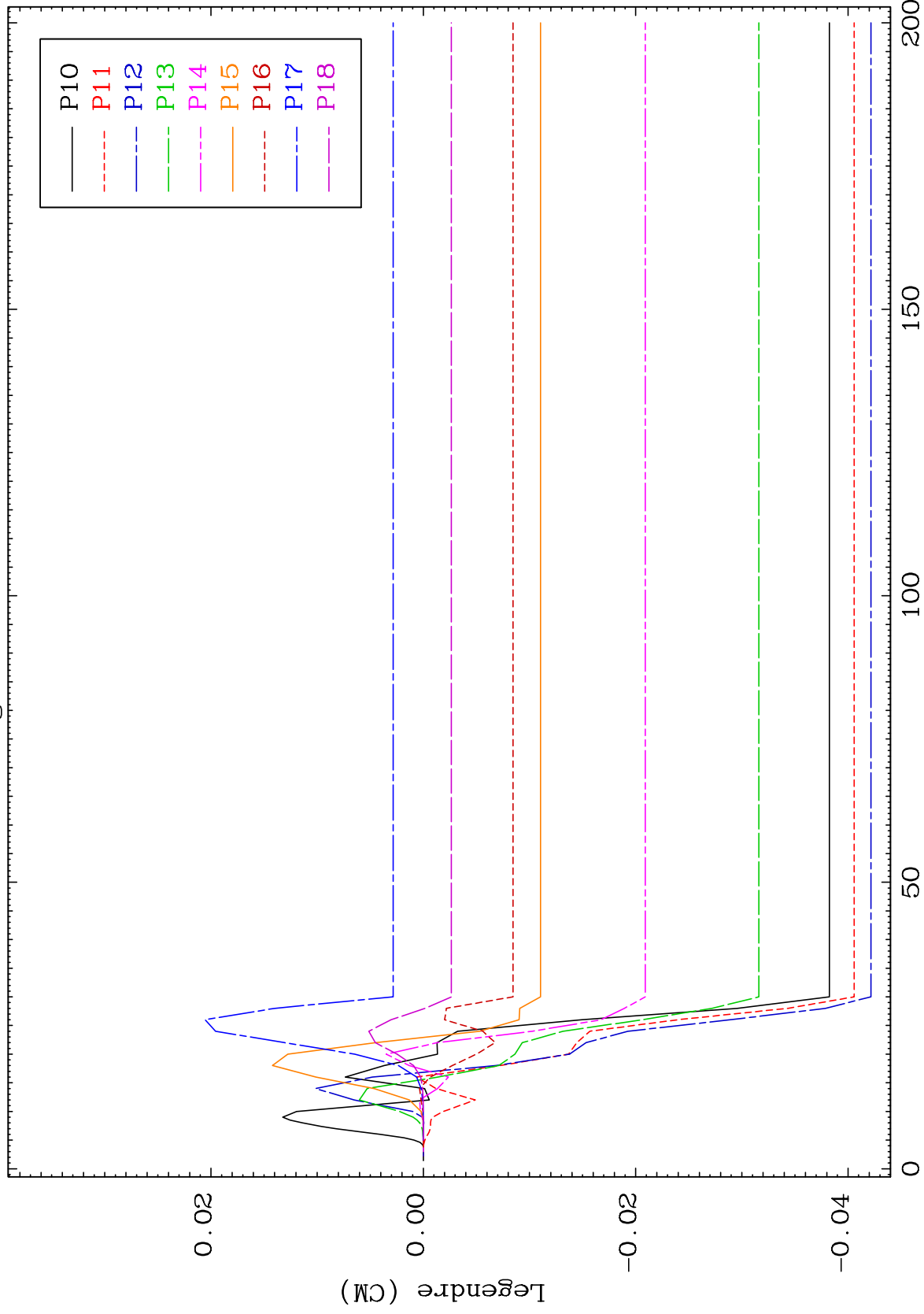
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



37

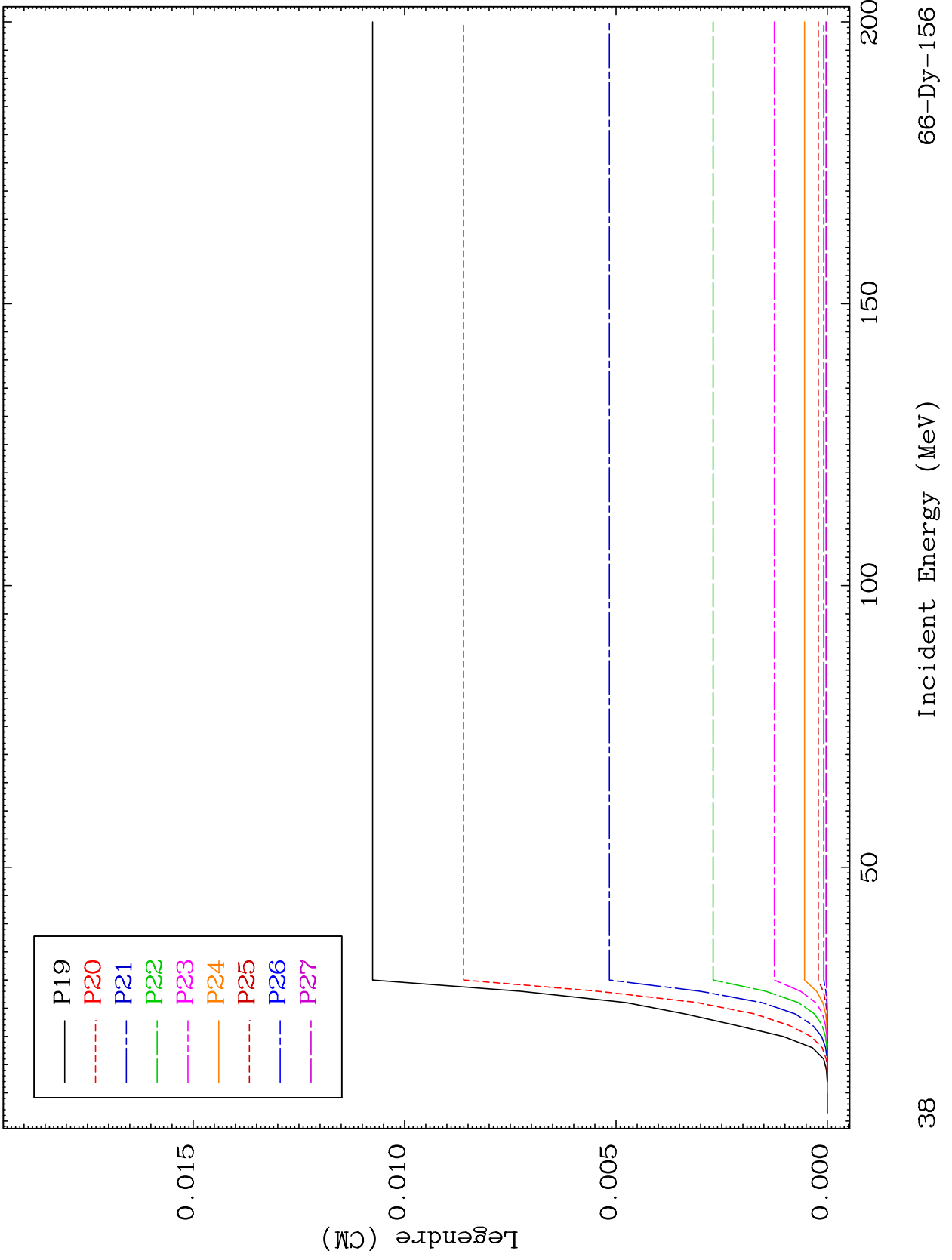
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

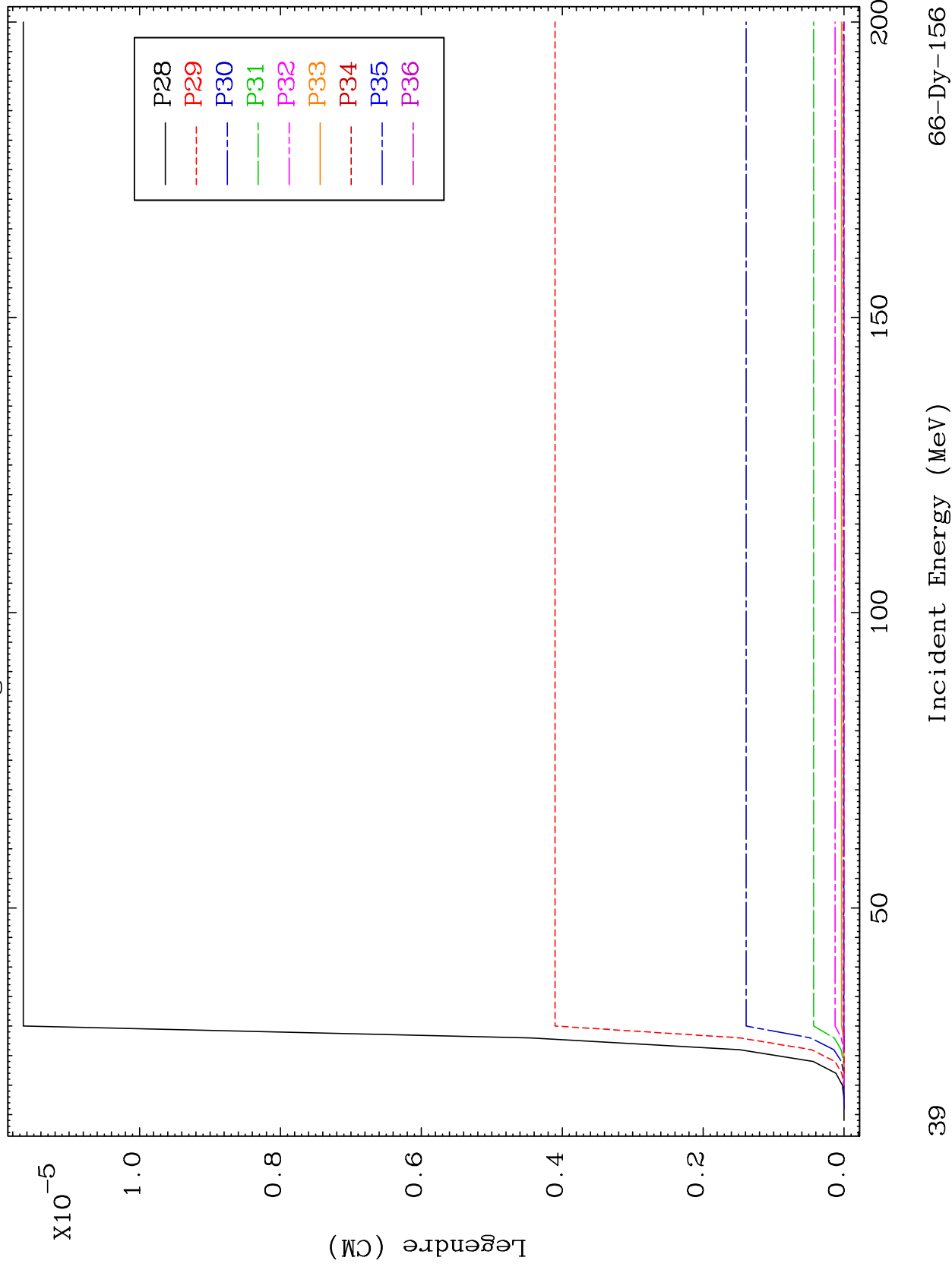
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MAT 6625

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

66-Dy-156



39

Incident Energy (MeV)

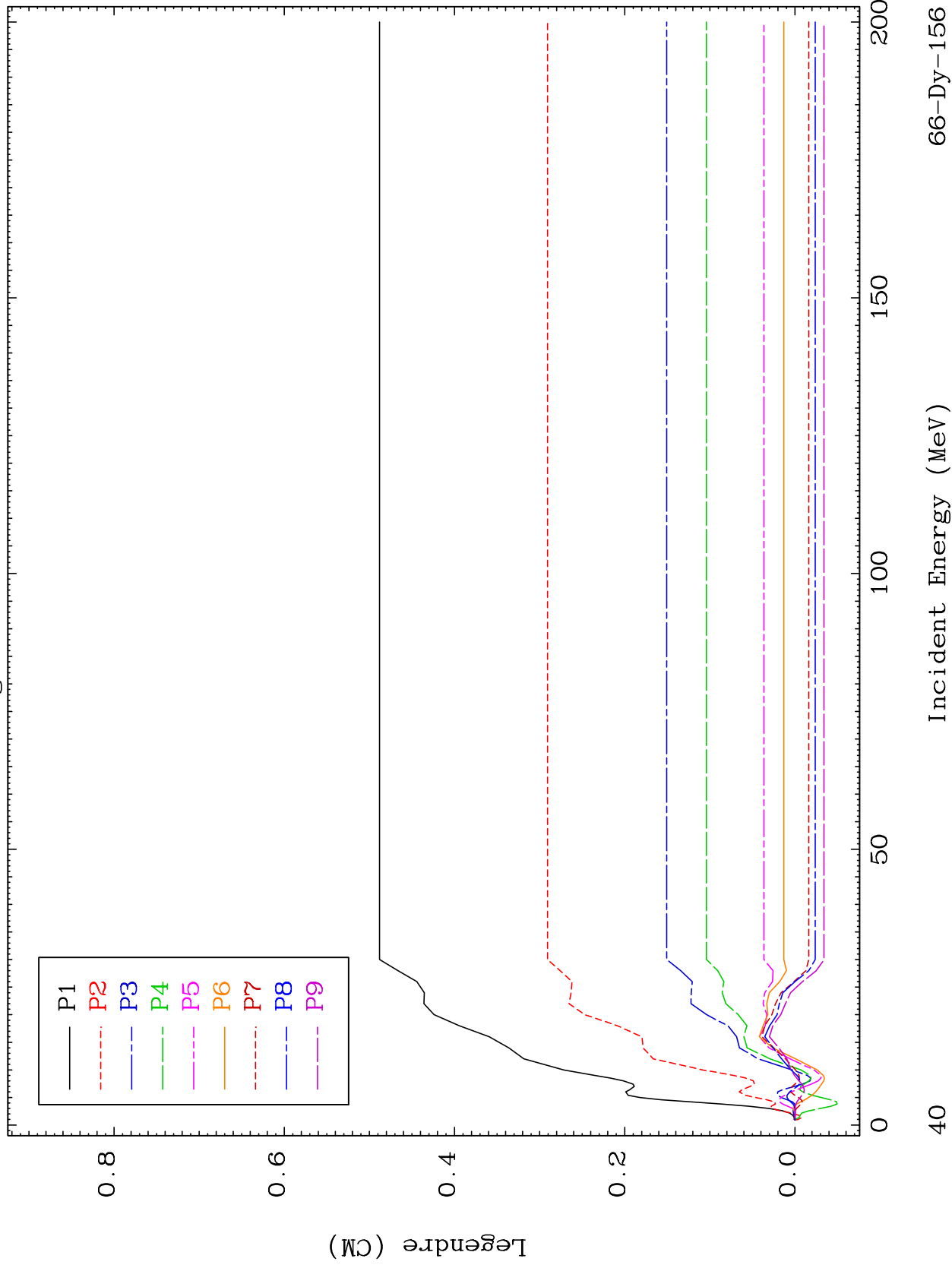
66-Dy-156



MAT 6625

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

66-Dy-156



66-Dy-156

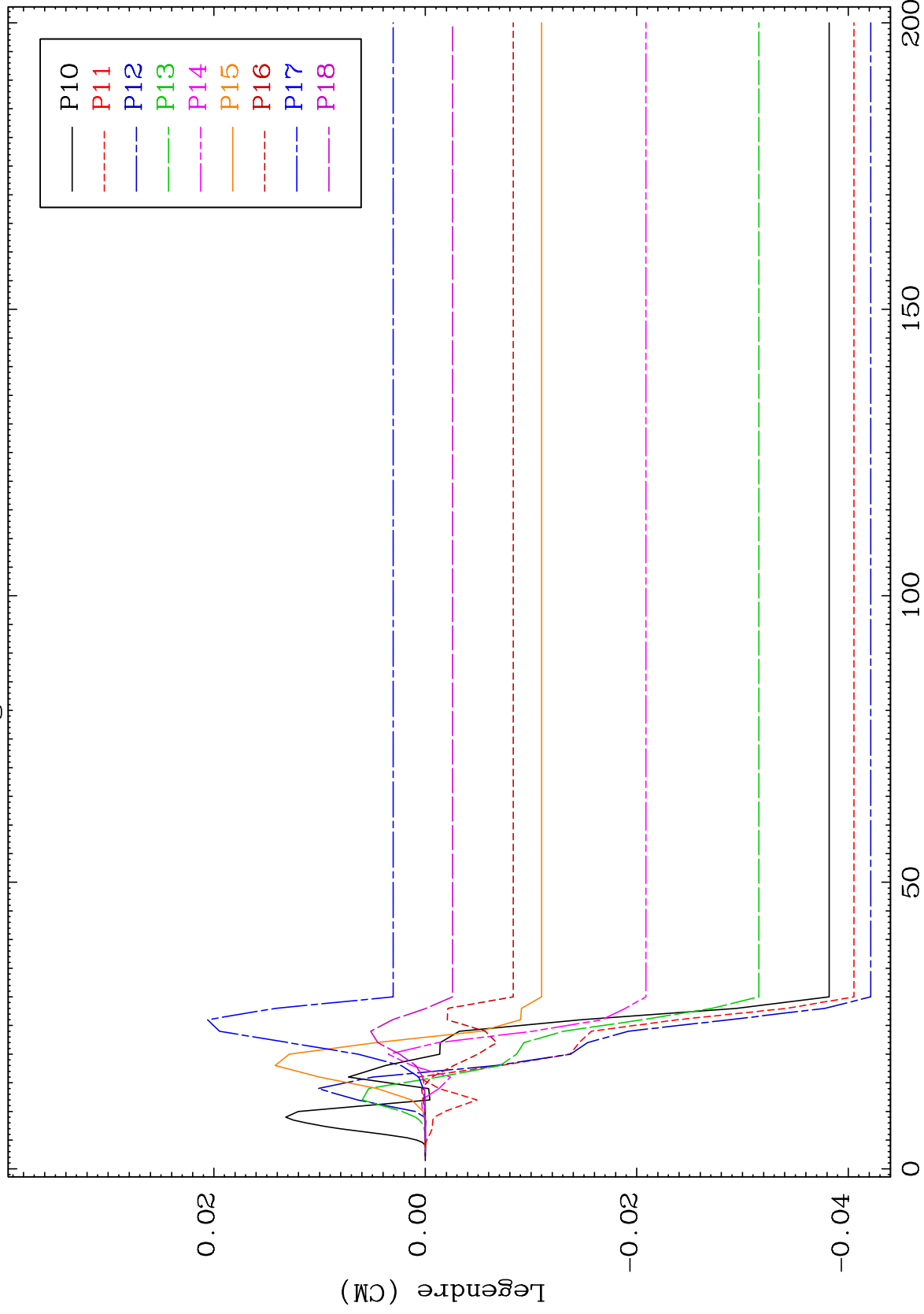
Incident Energy (MeV)

40

MAT 6625

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

66-Dy-156



41

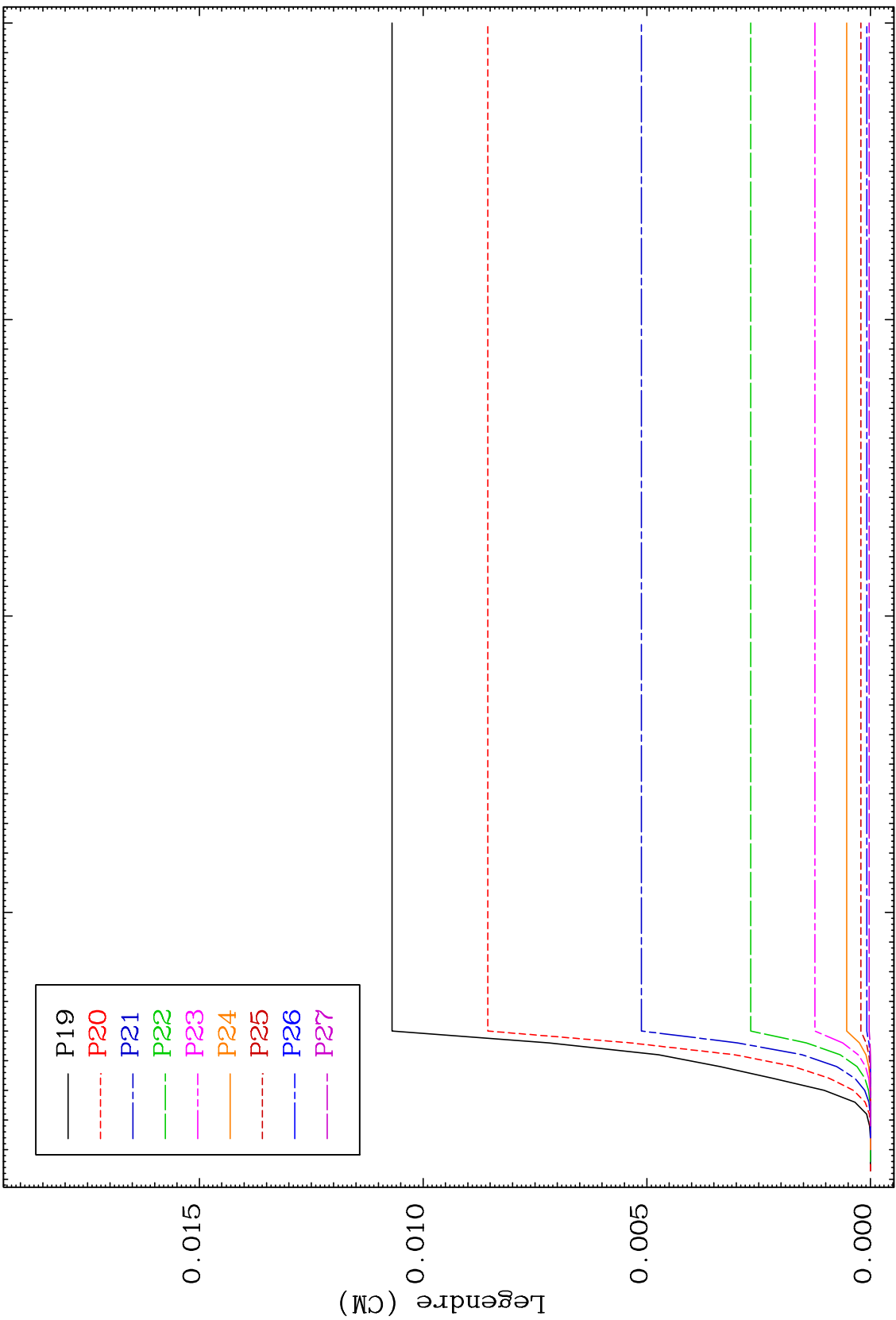
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



42

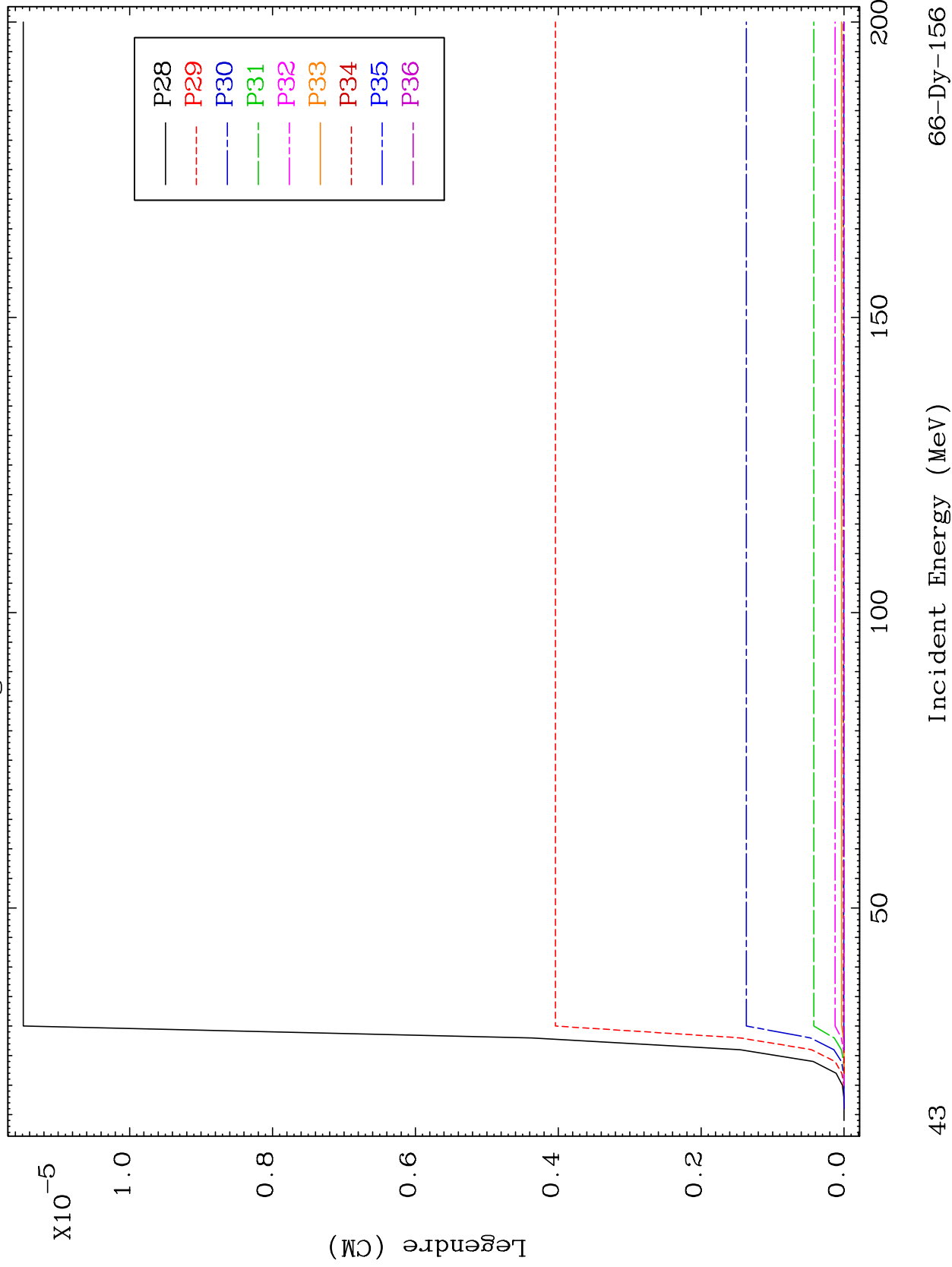
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



43

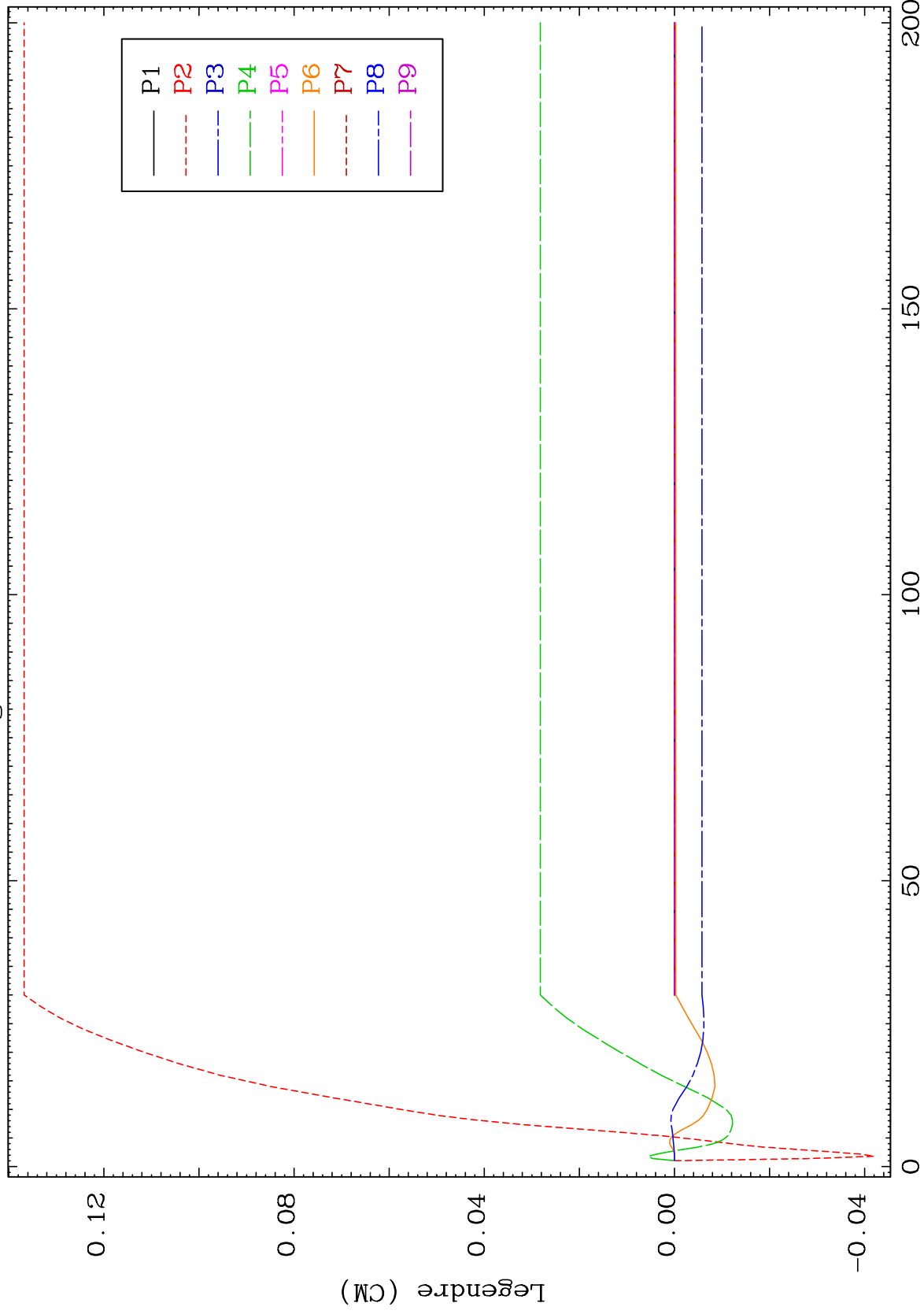
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



44

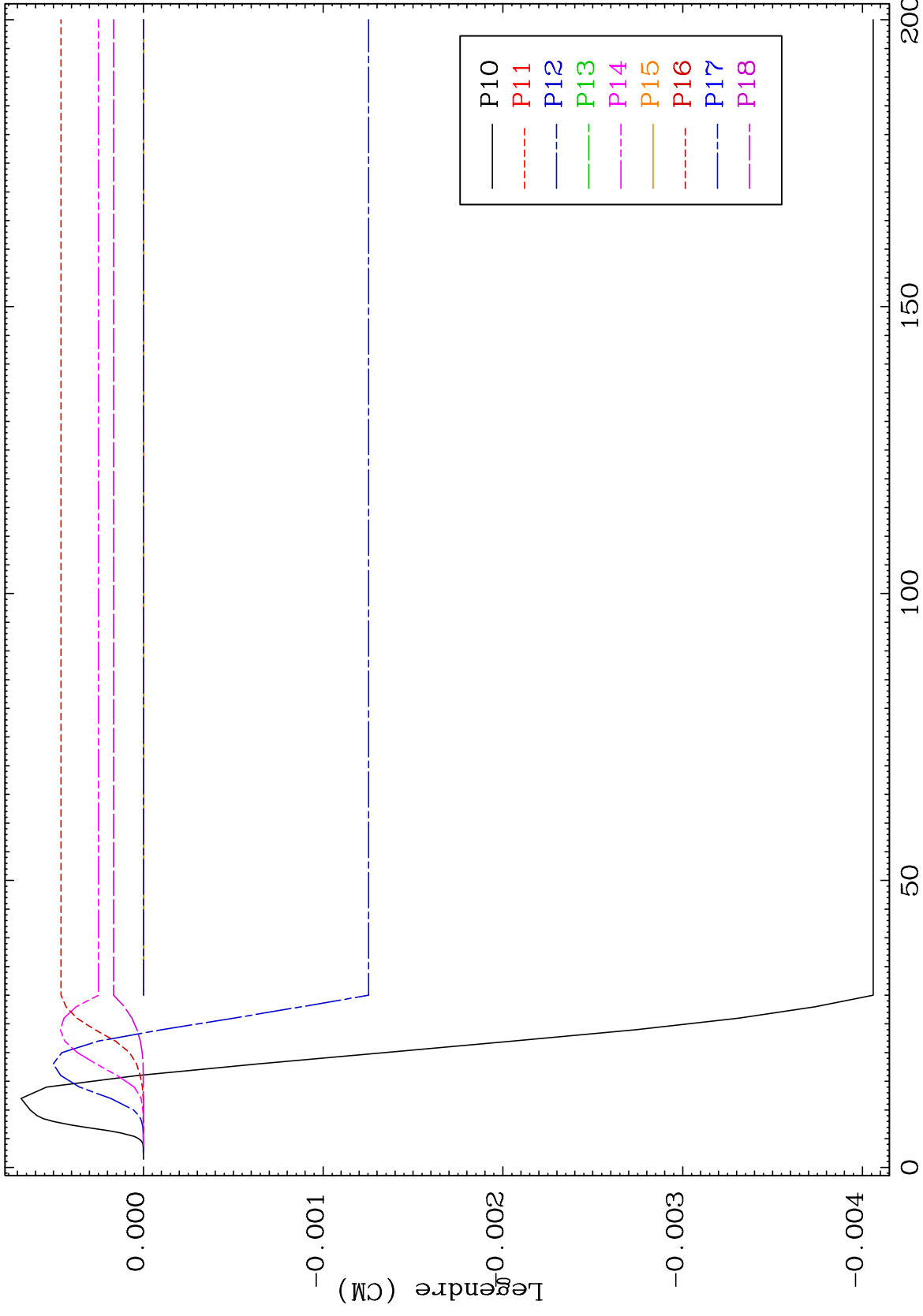
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



45

Incident Energy (MeV)

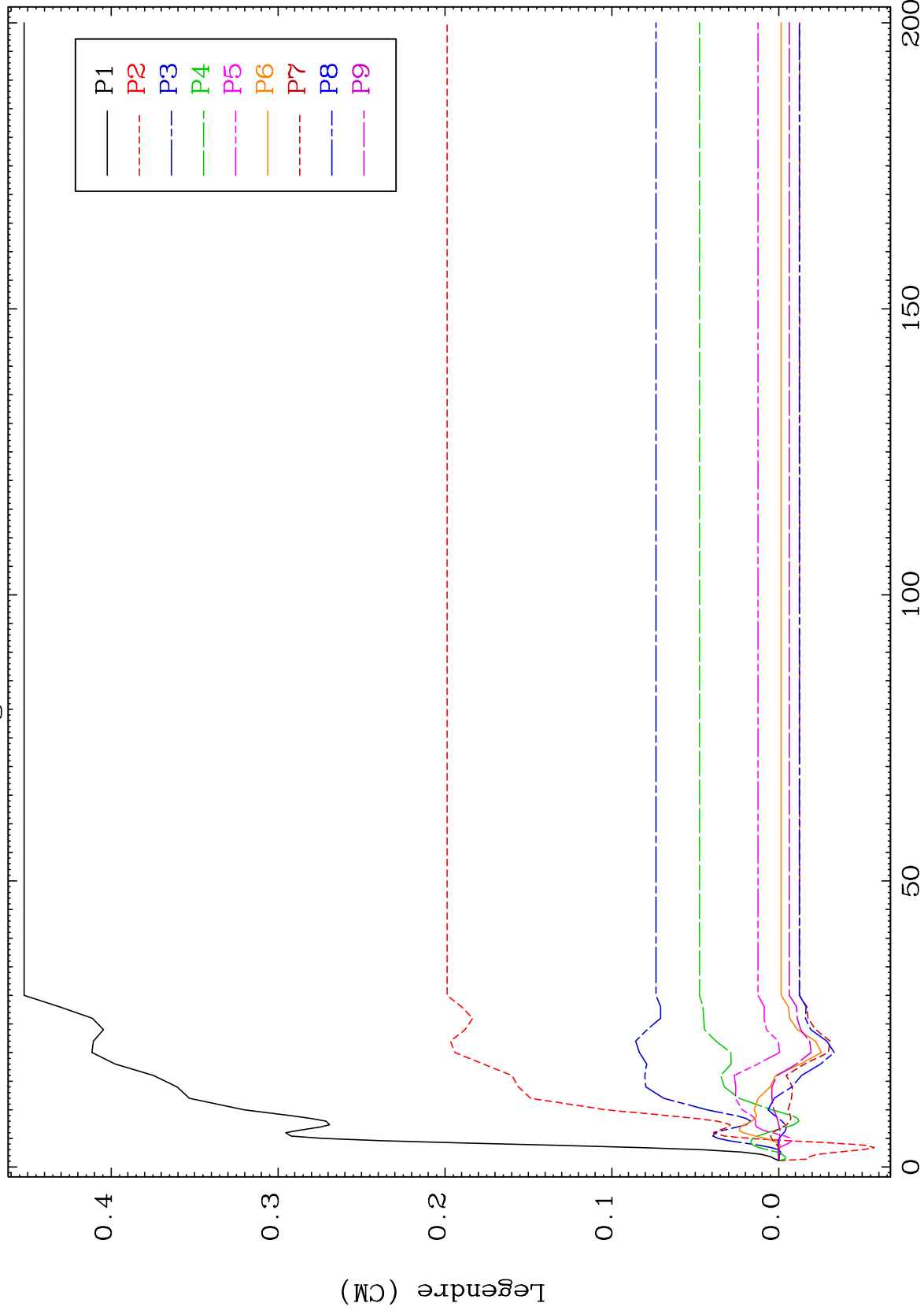
66-Dy-156



MAT 6625

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

66-Dy-156



47

Incident Energy (MeV)

66-Dy-156

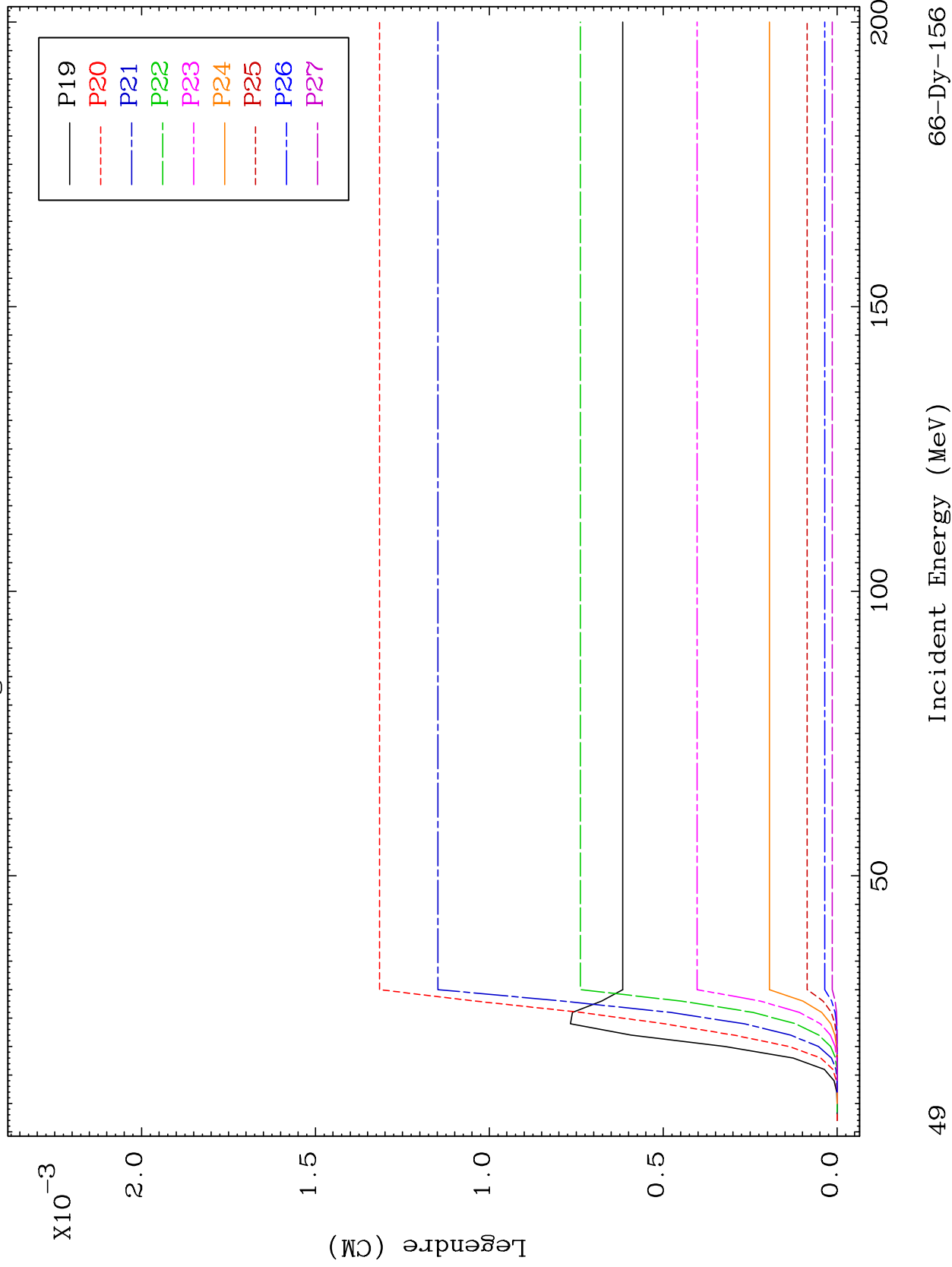




MAT 6625

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

66-Dy-156



49

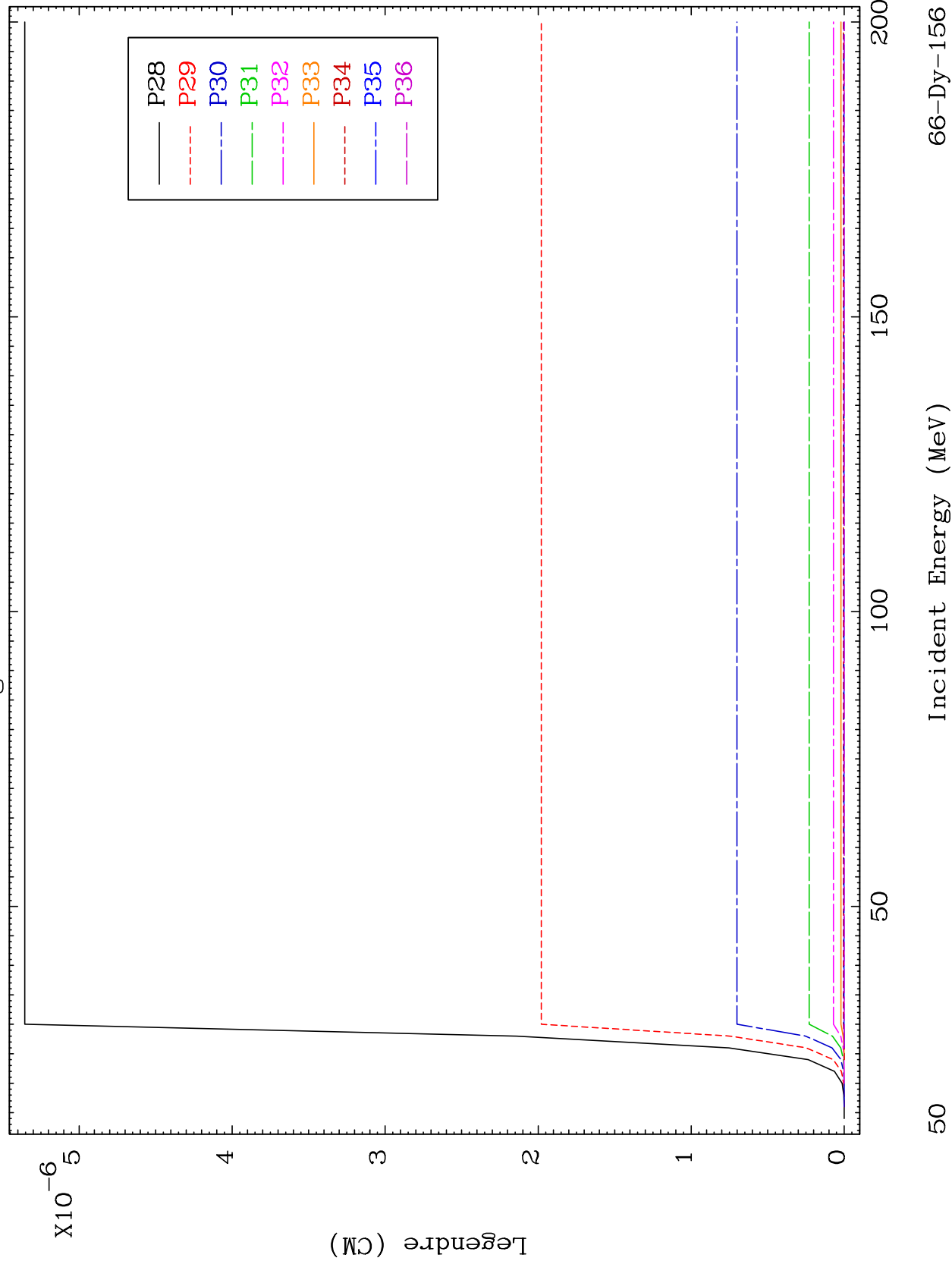
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

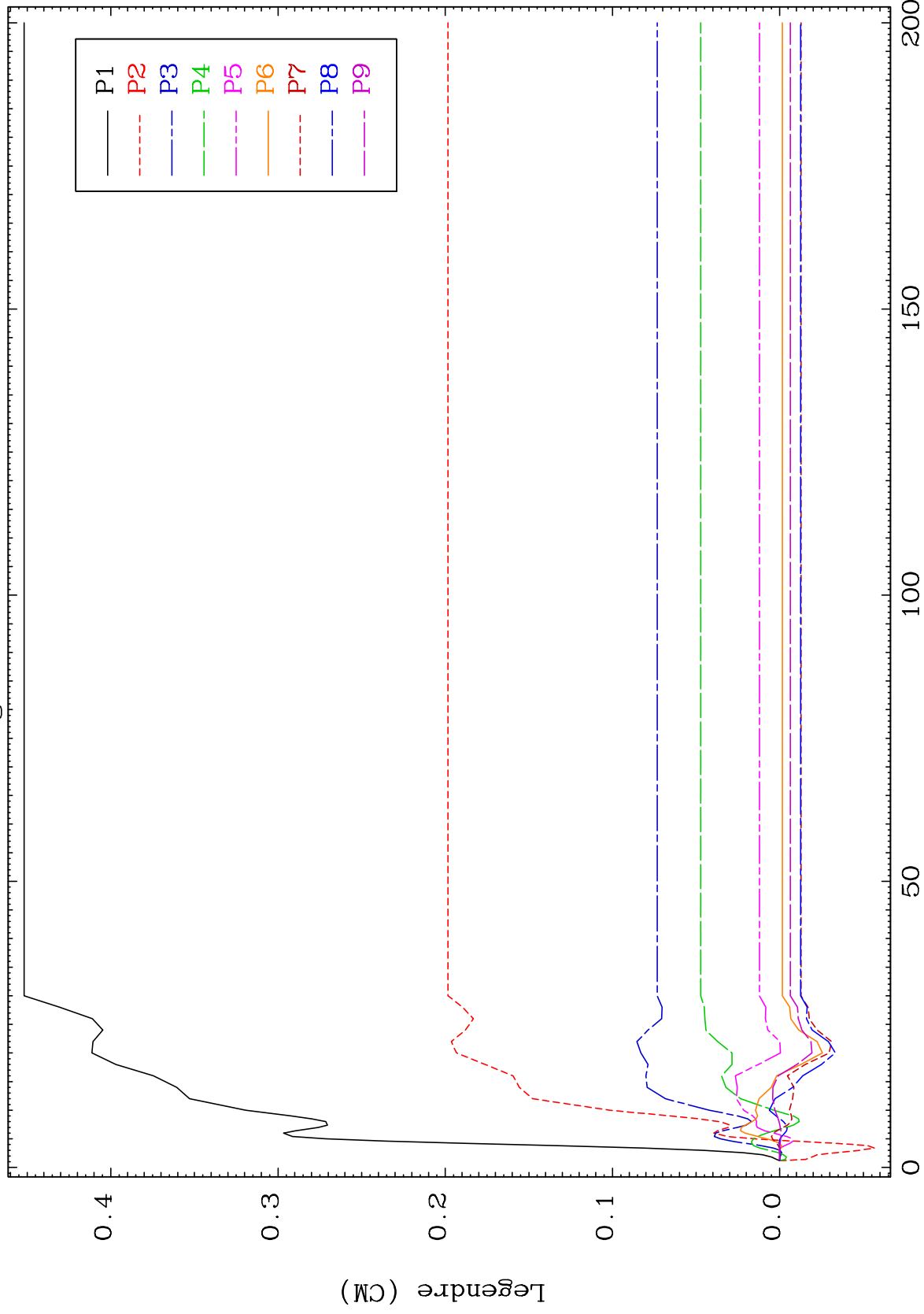
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MAT 6625

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

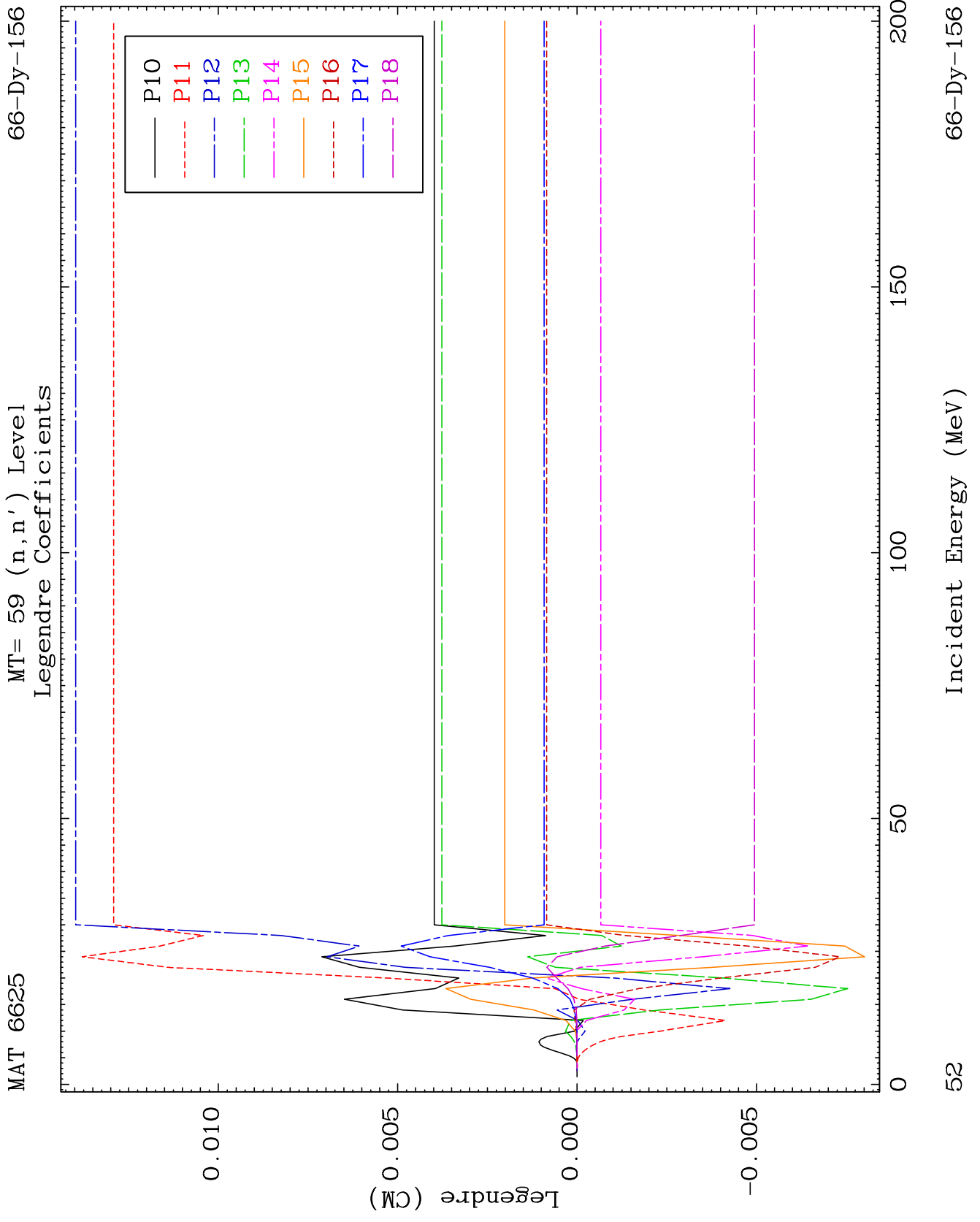
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51

Incident Energy (MeV)

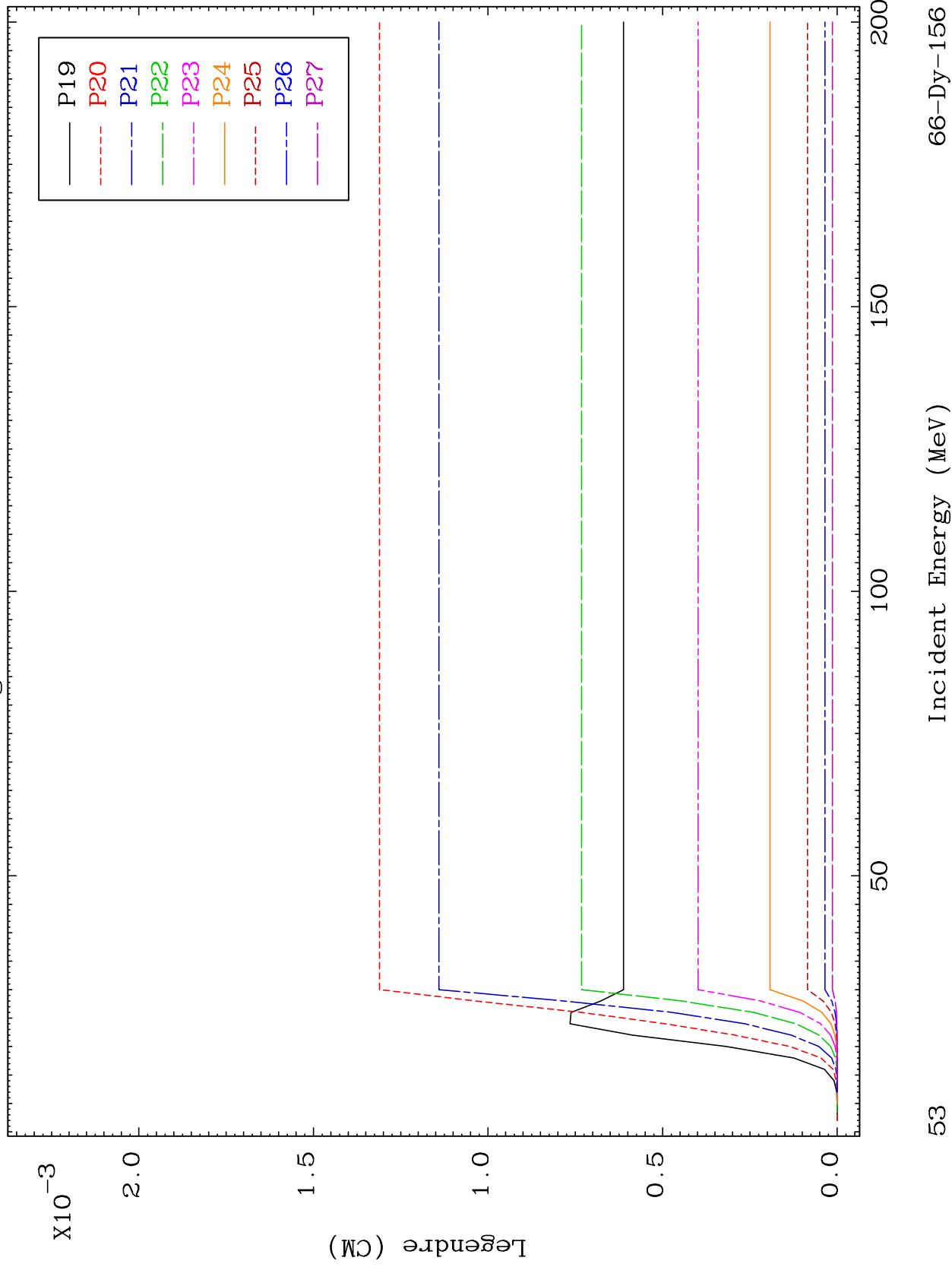
66-Dy-156



MAT 6625

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

66-Dy-156



53

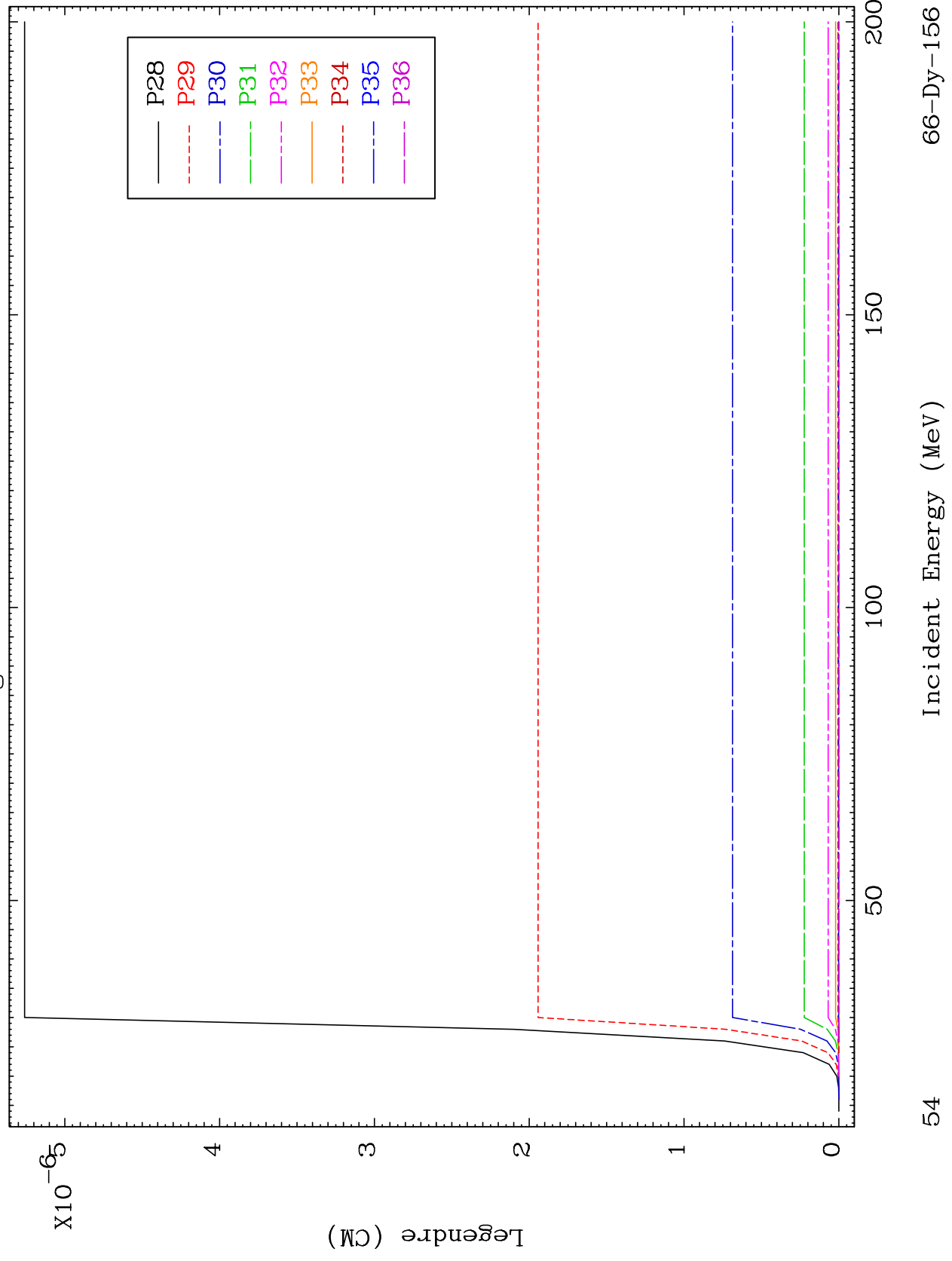
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



54

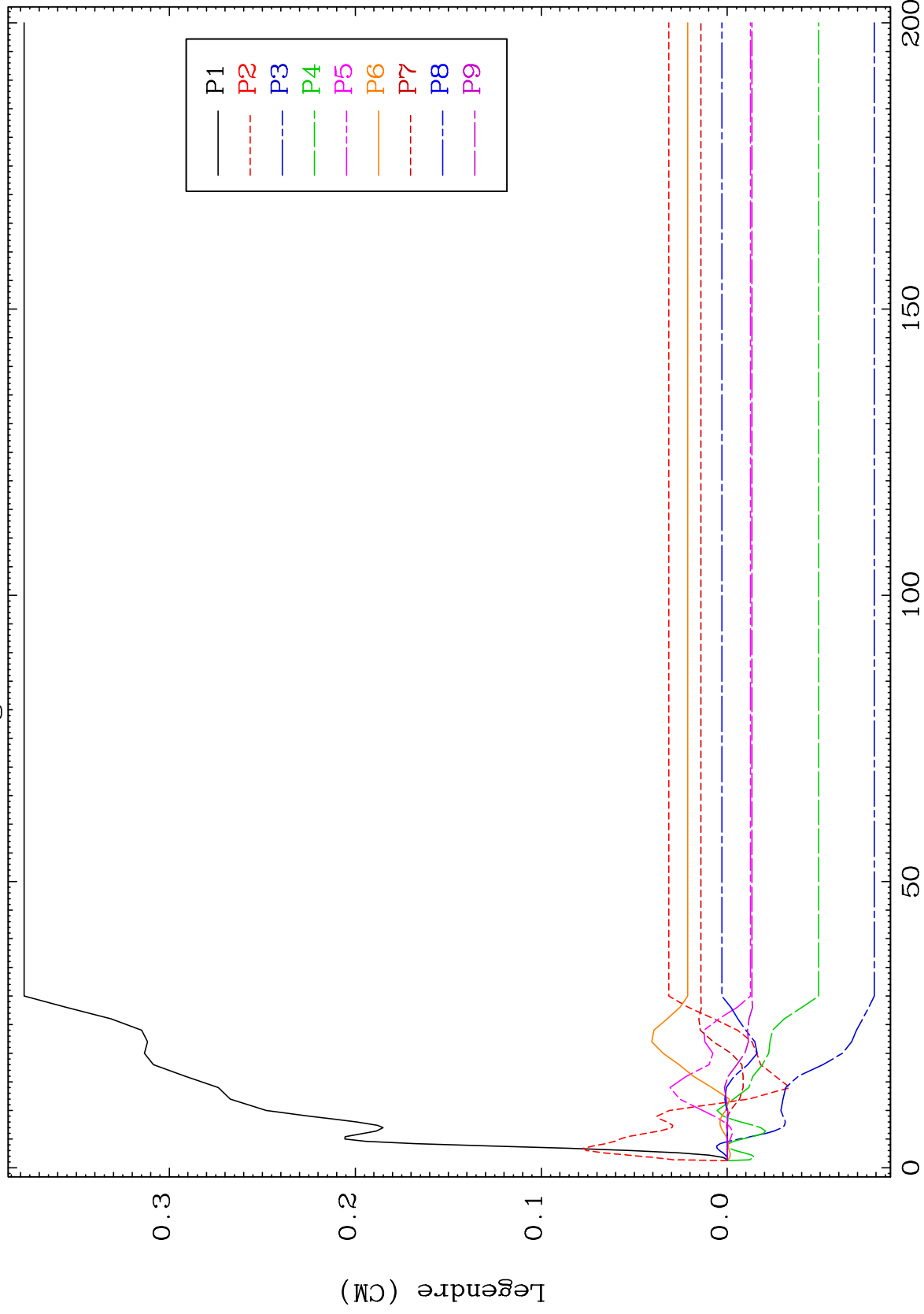
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



66-Dy-156

Incident Energy (MeV)

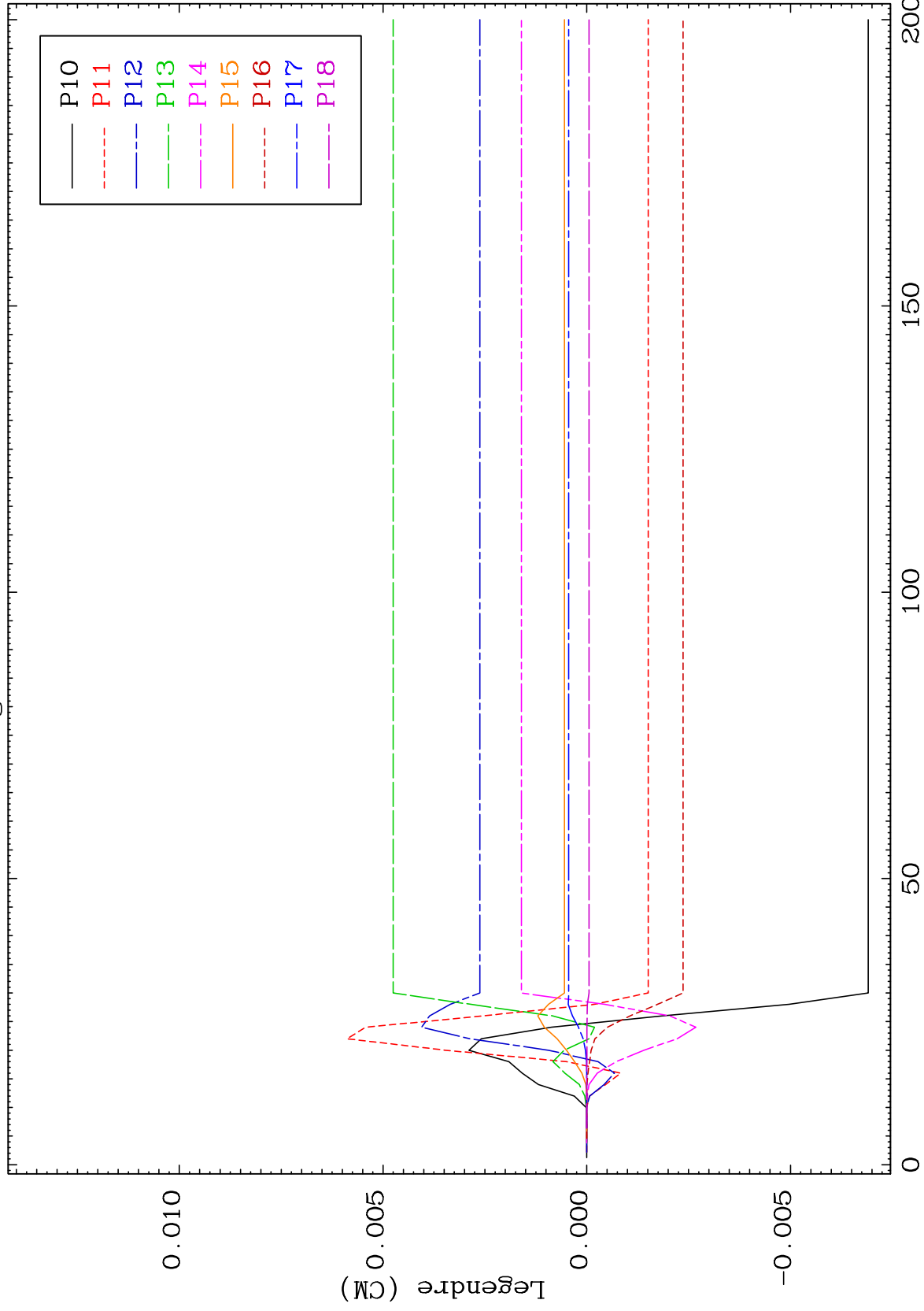
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MAT 6625

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

66-Dy-156



56

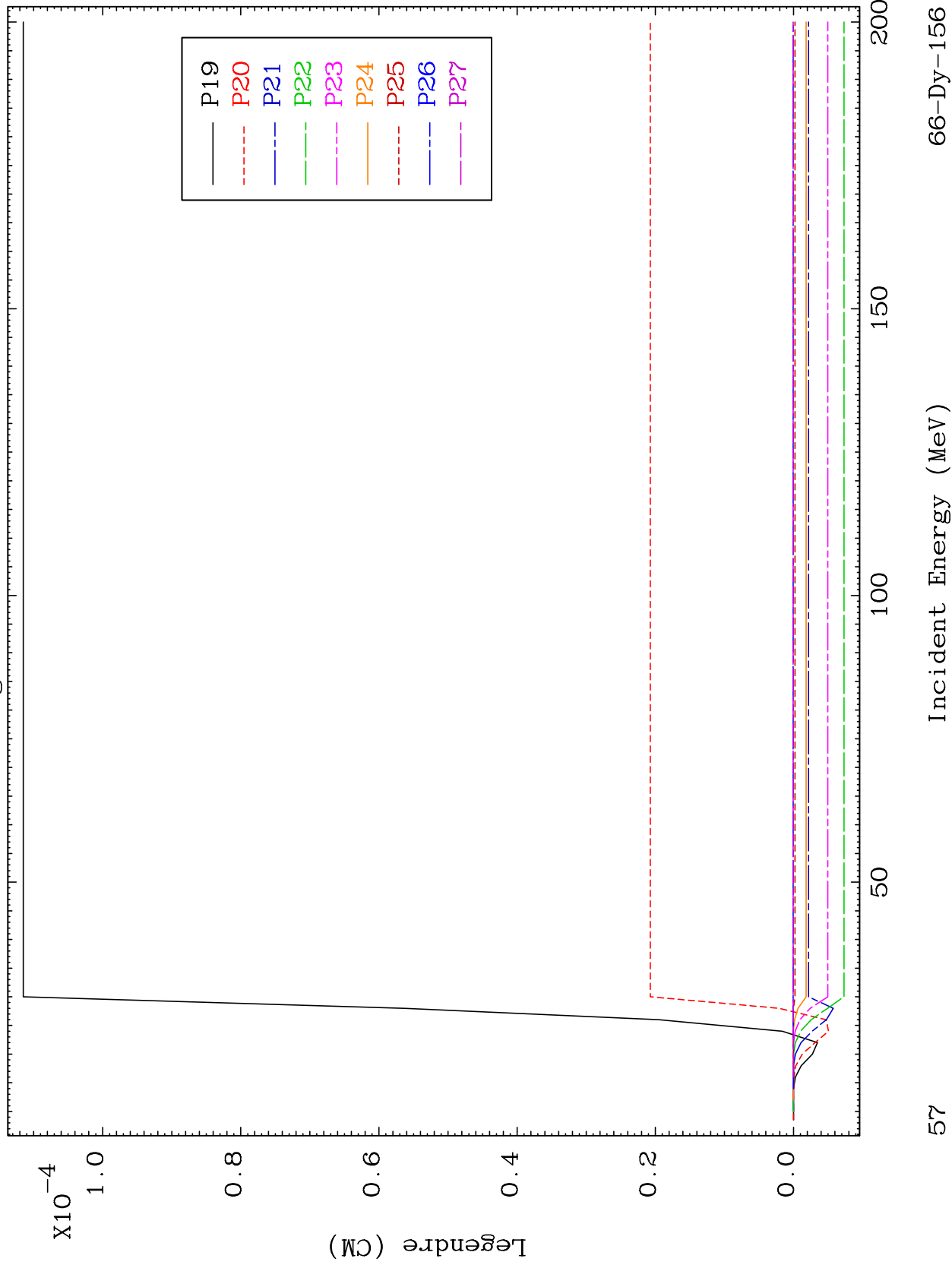
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

66-Dy-156



57

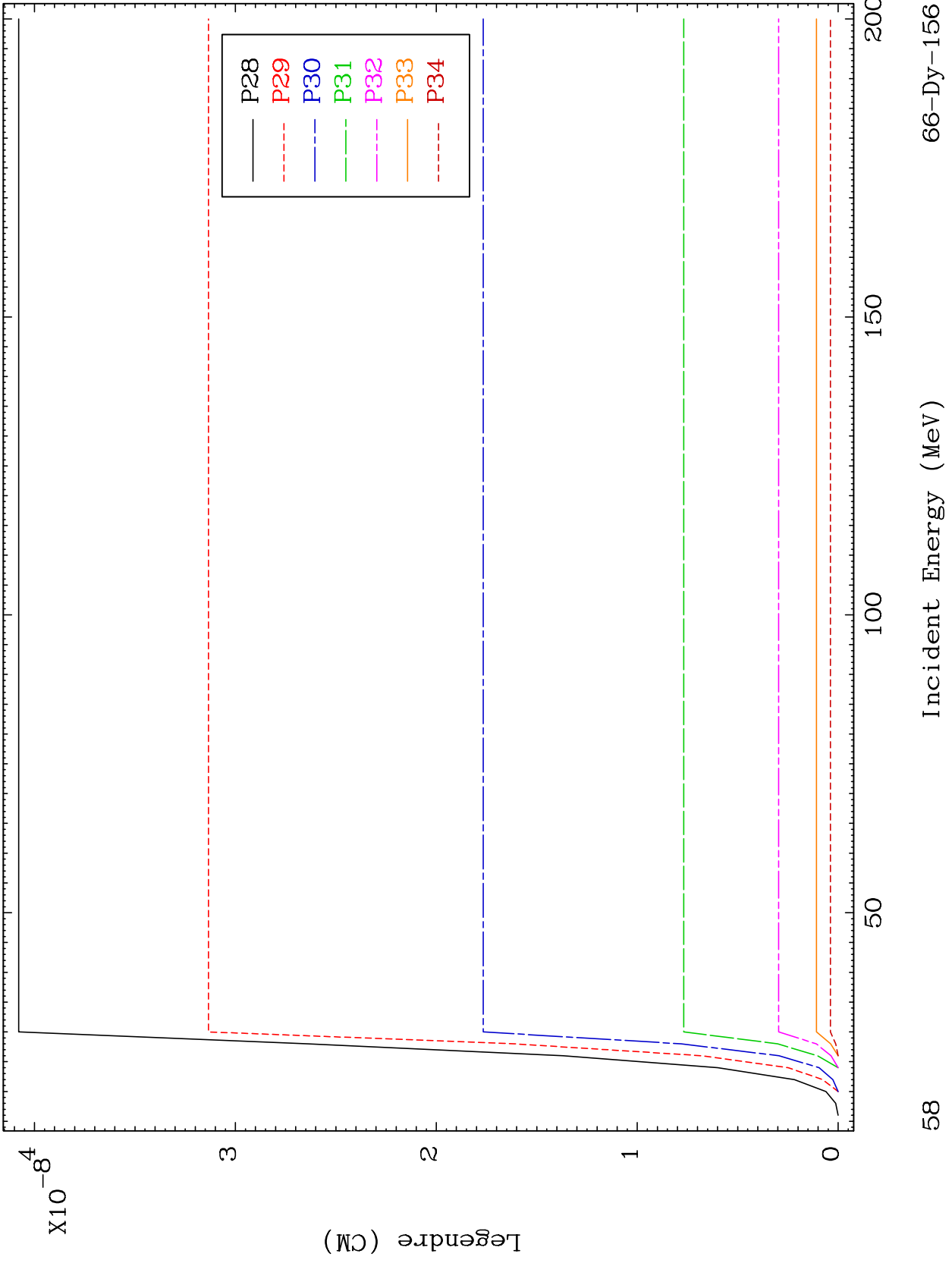
Incident Energy (MeV)

66-Dy-156

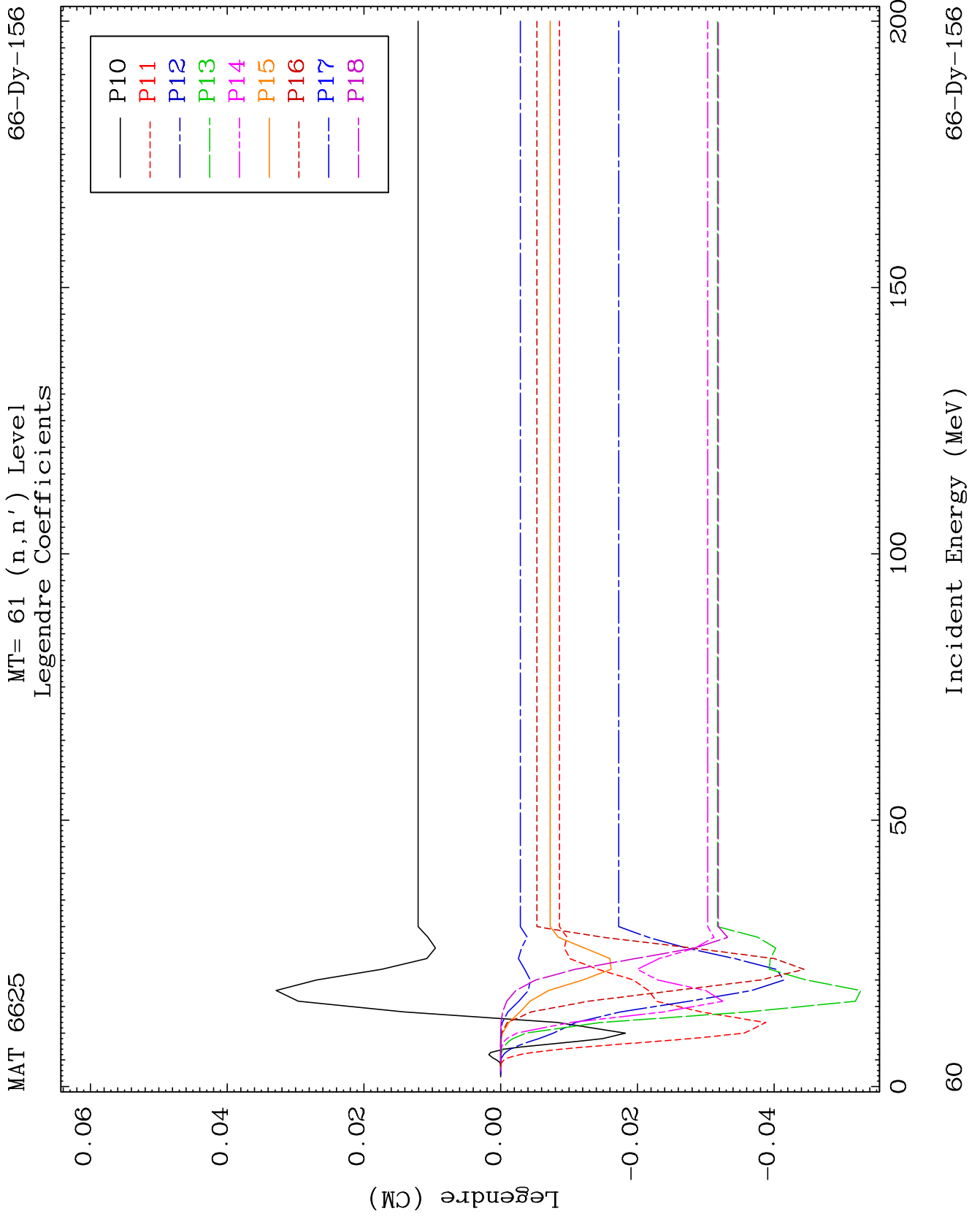
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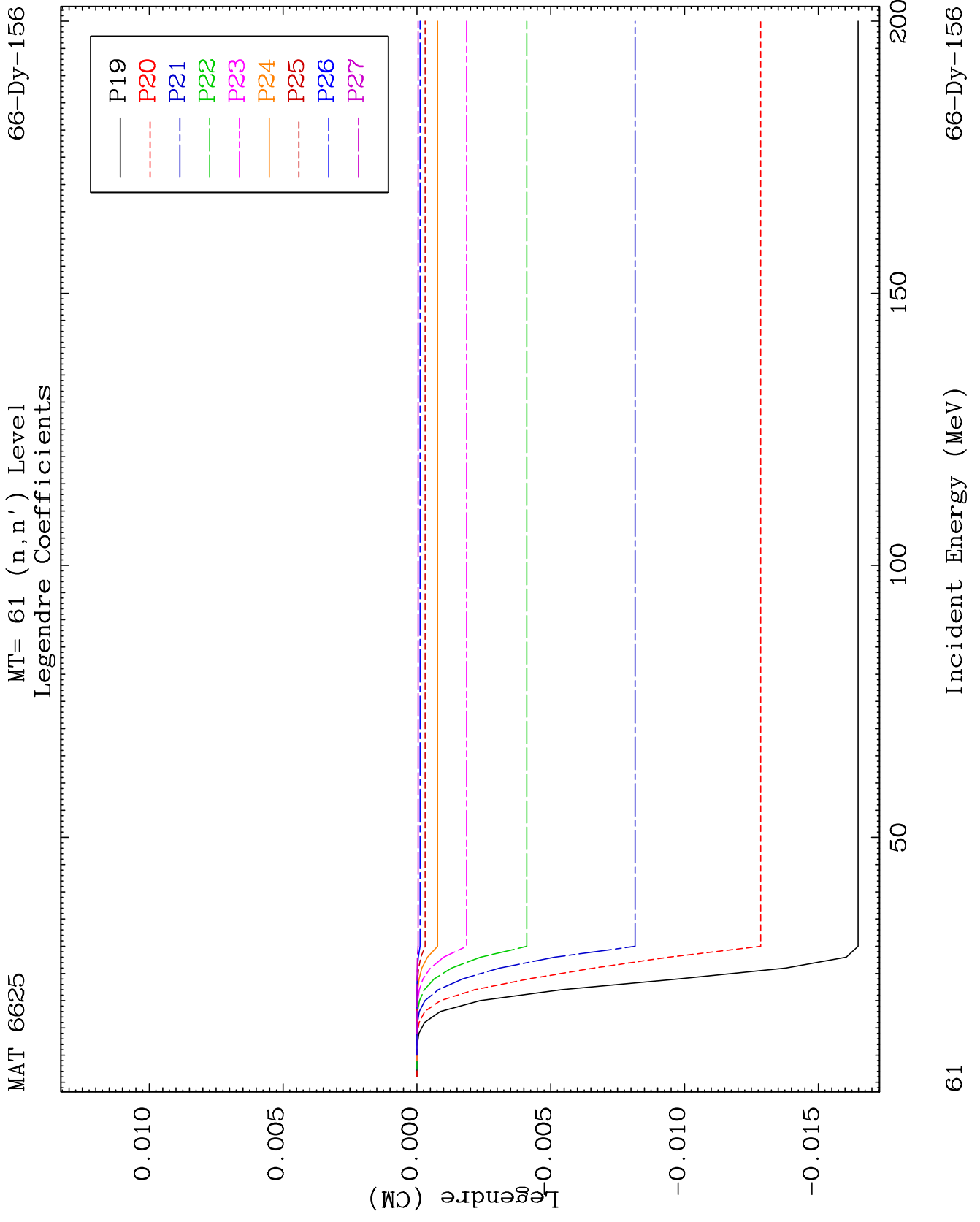
MT= 60 (n,n') Level  
Legendre Coefficients

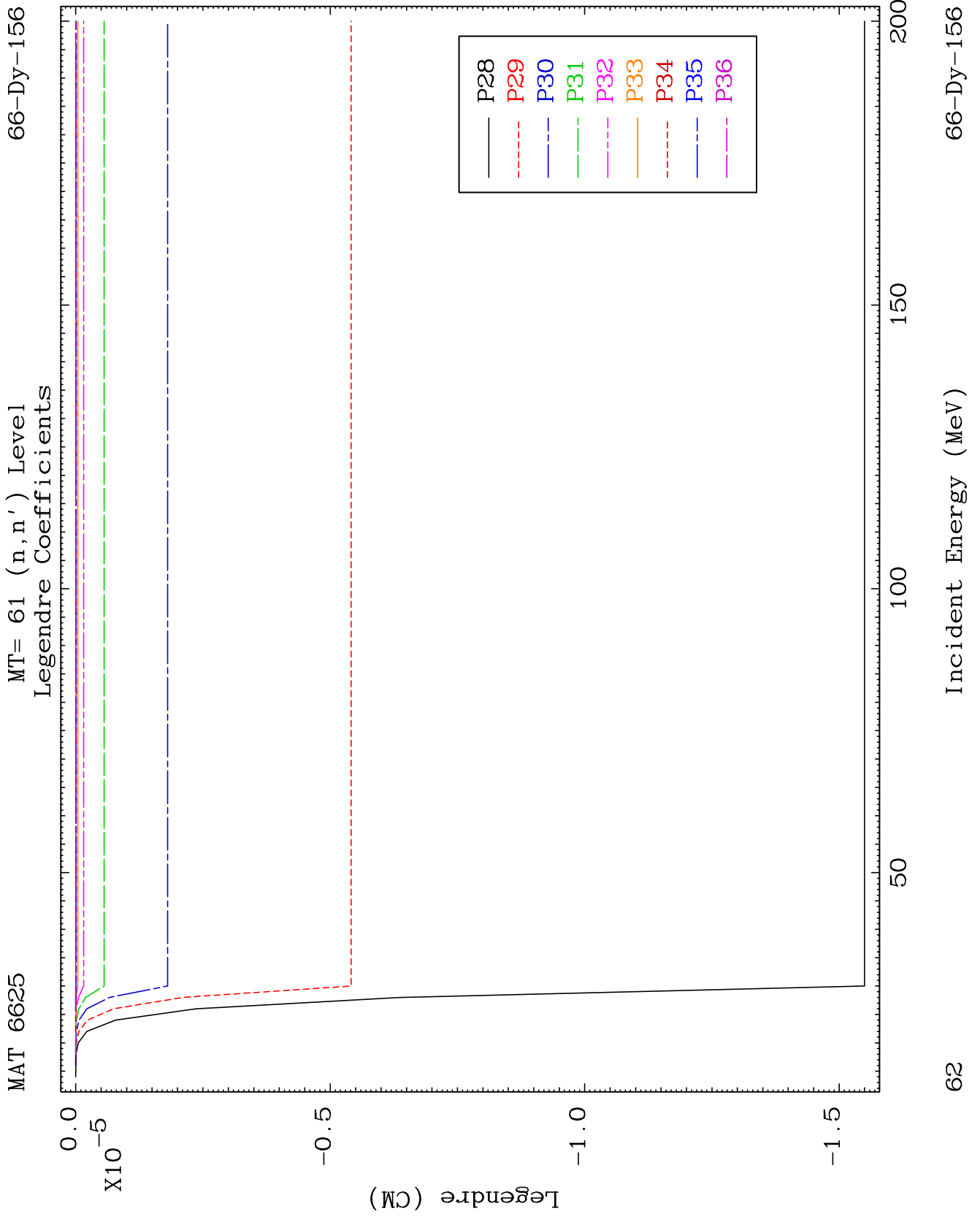
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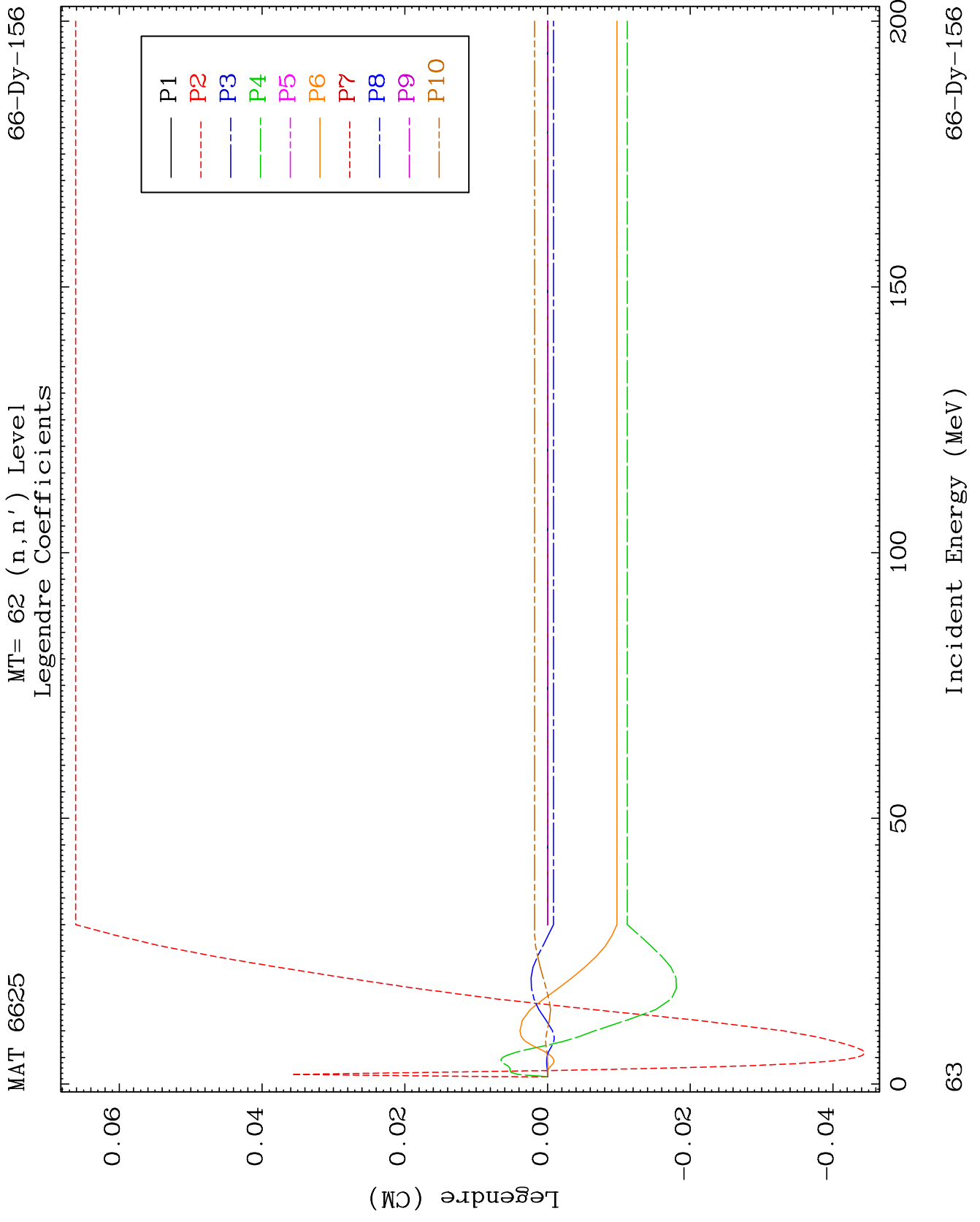




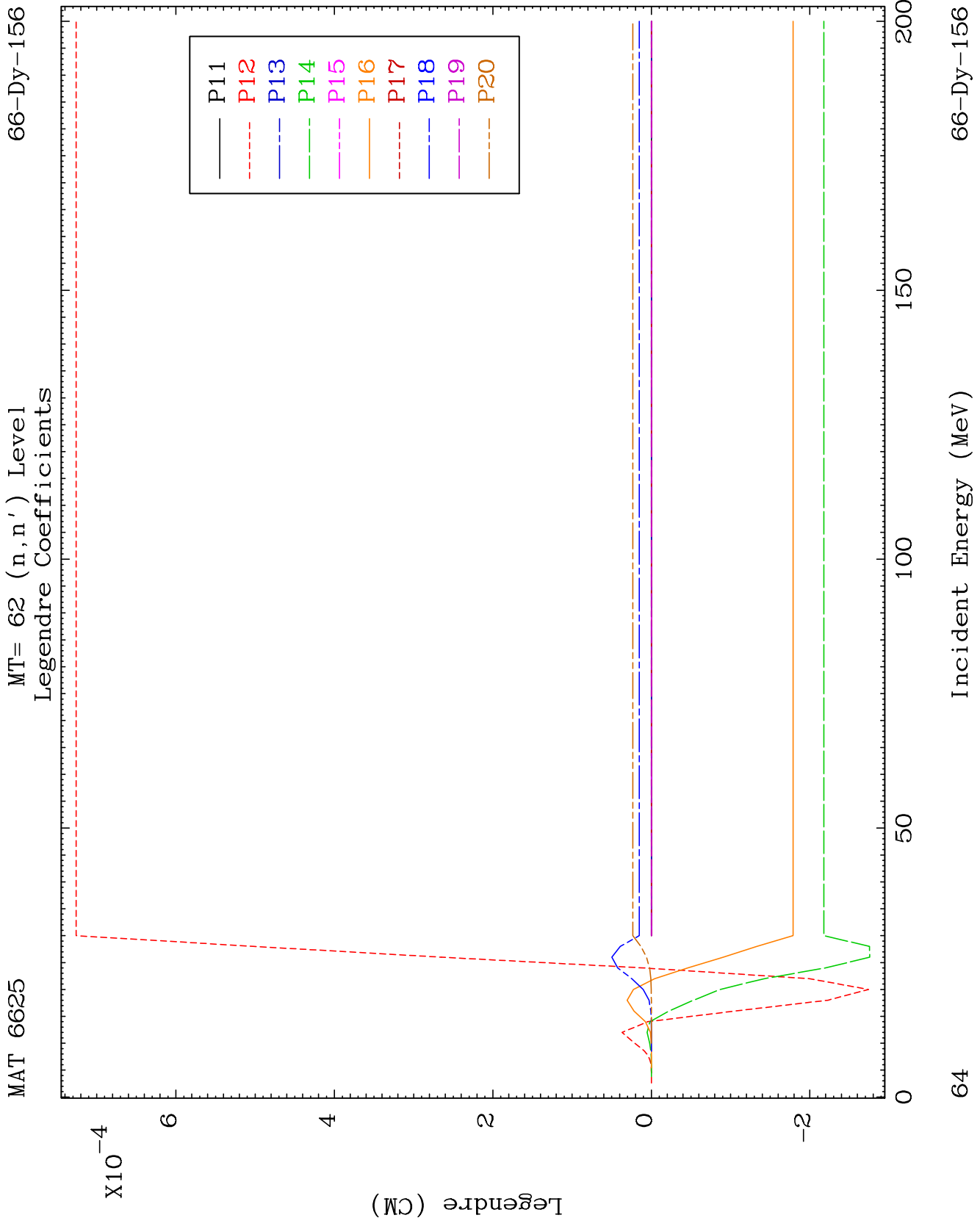


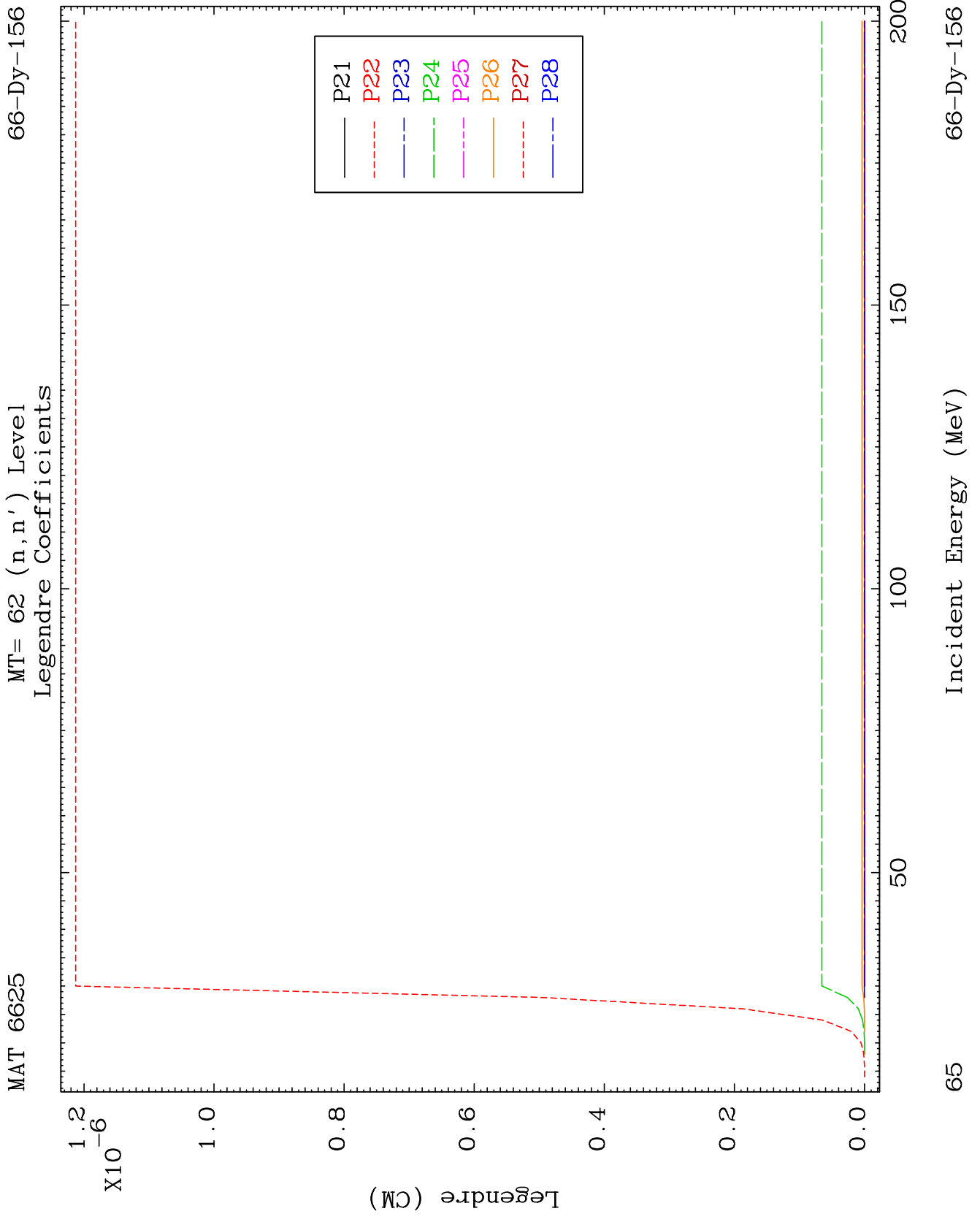








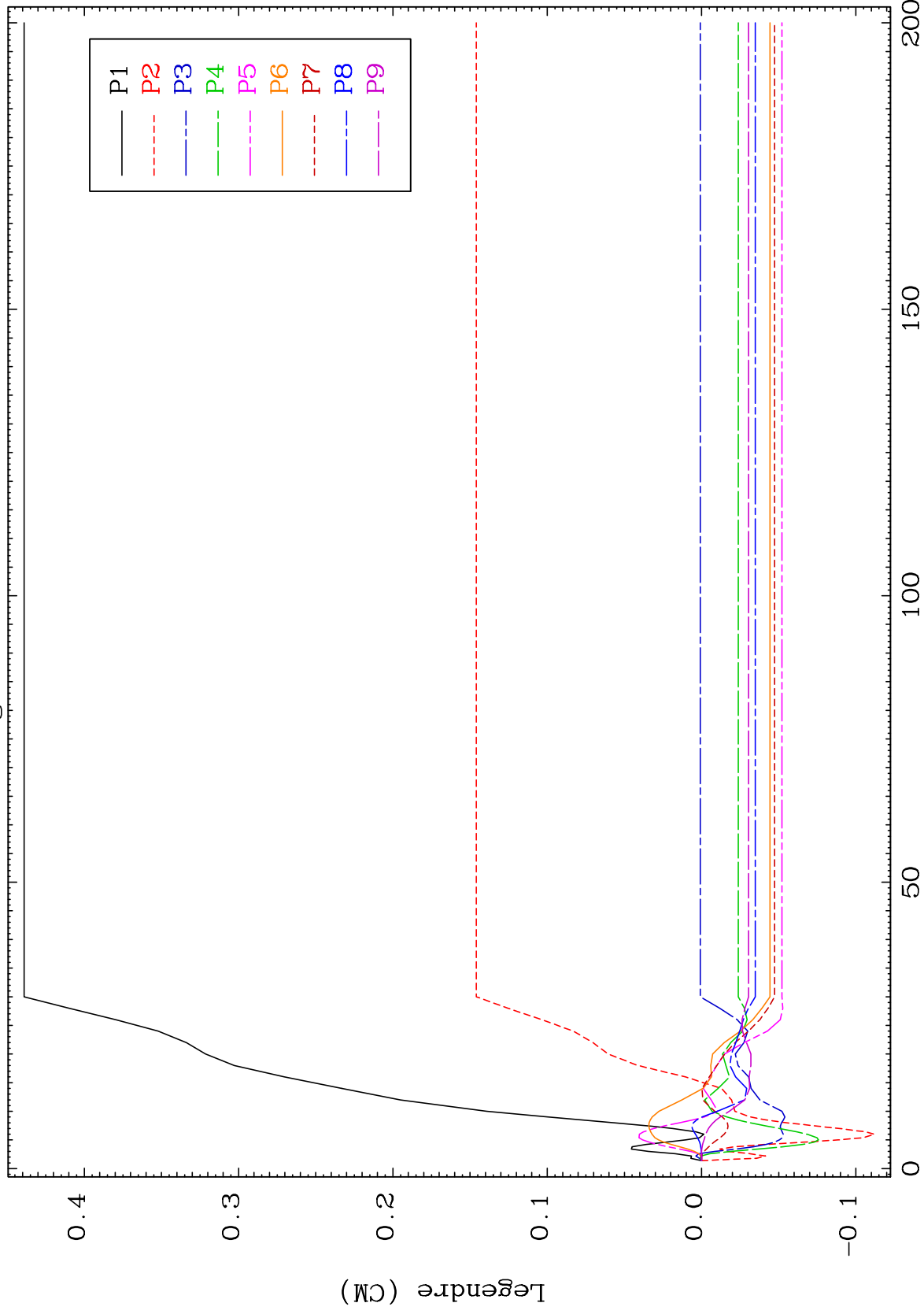




MAT 6625

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

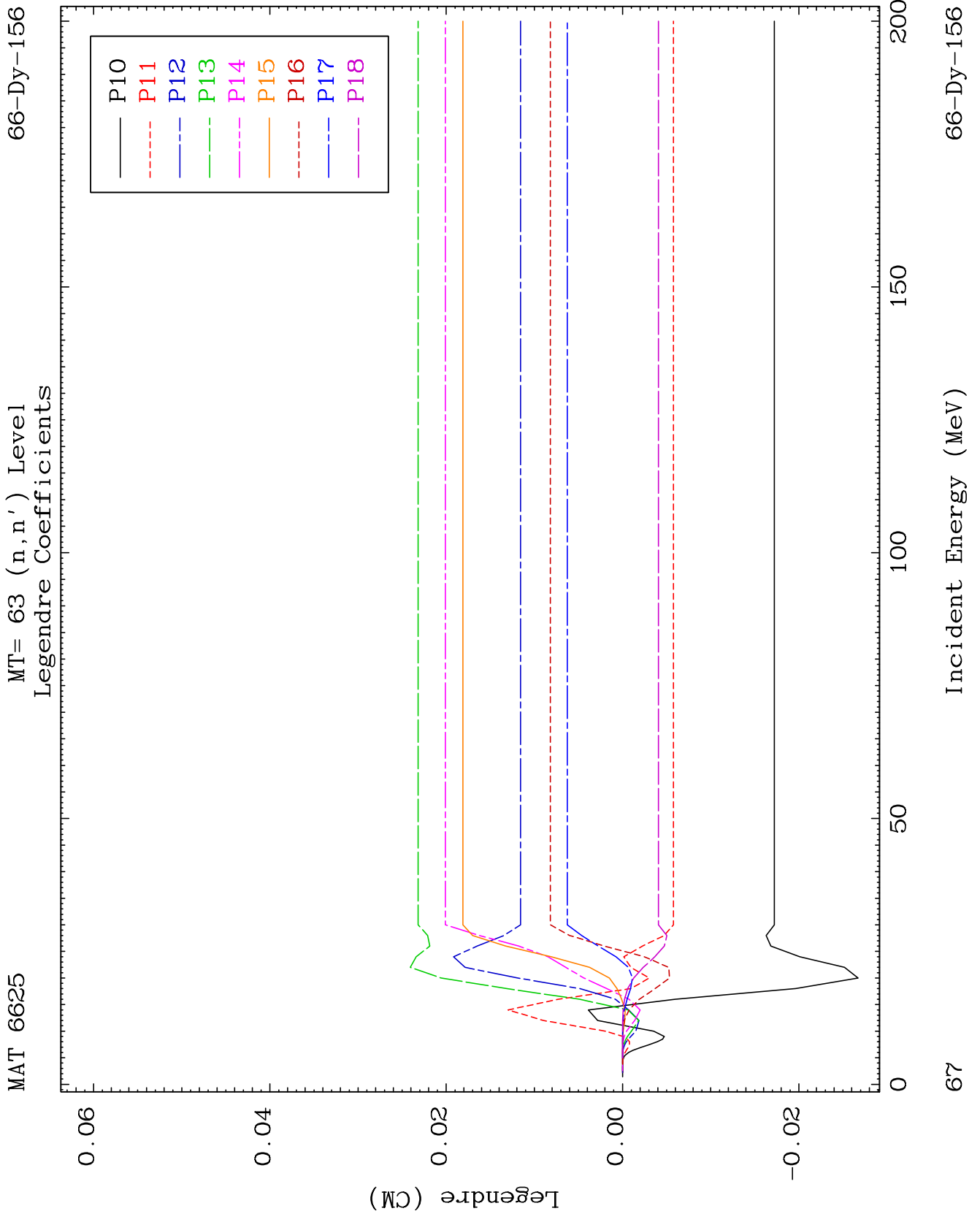
66-Dy-156



66-Dy-156

Incident Energy (MeV)

66



66-Dy-156

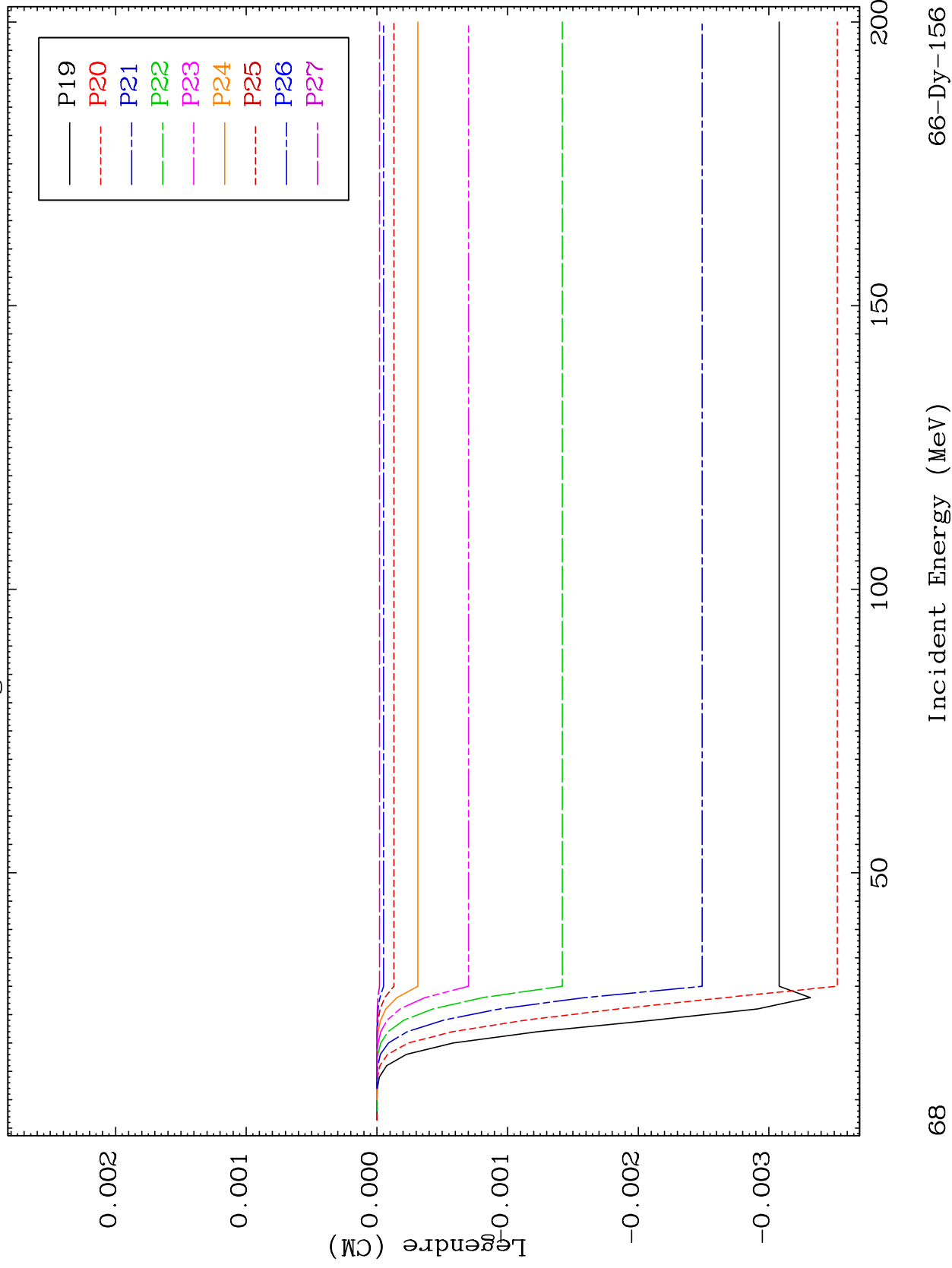
Incident Energy (MeV)

67

MAT 6625

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

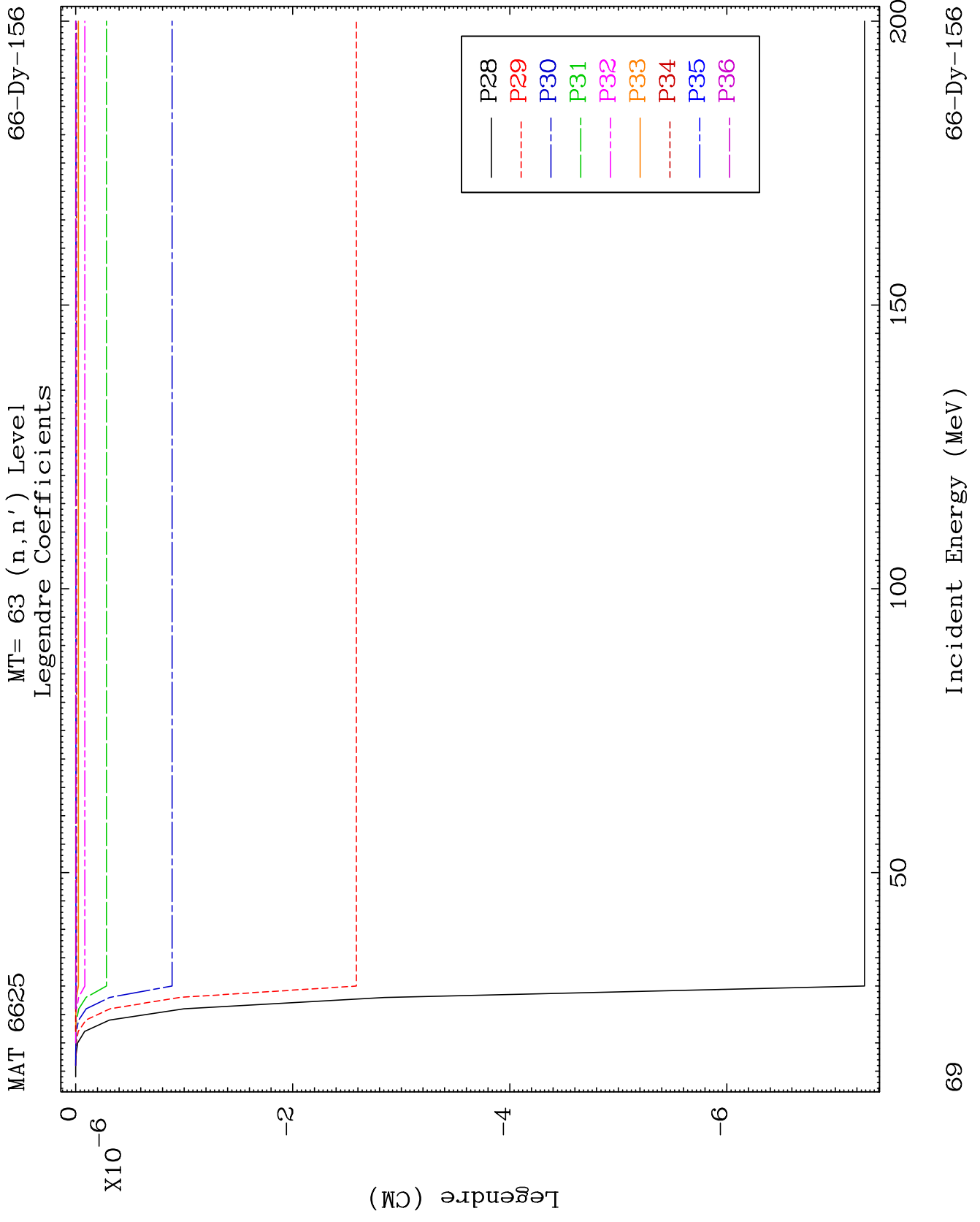
66-Dy-156



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Incident Energy (MeV)

66-Dy-156

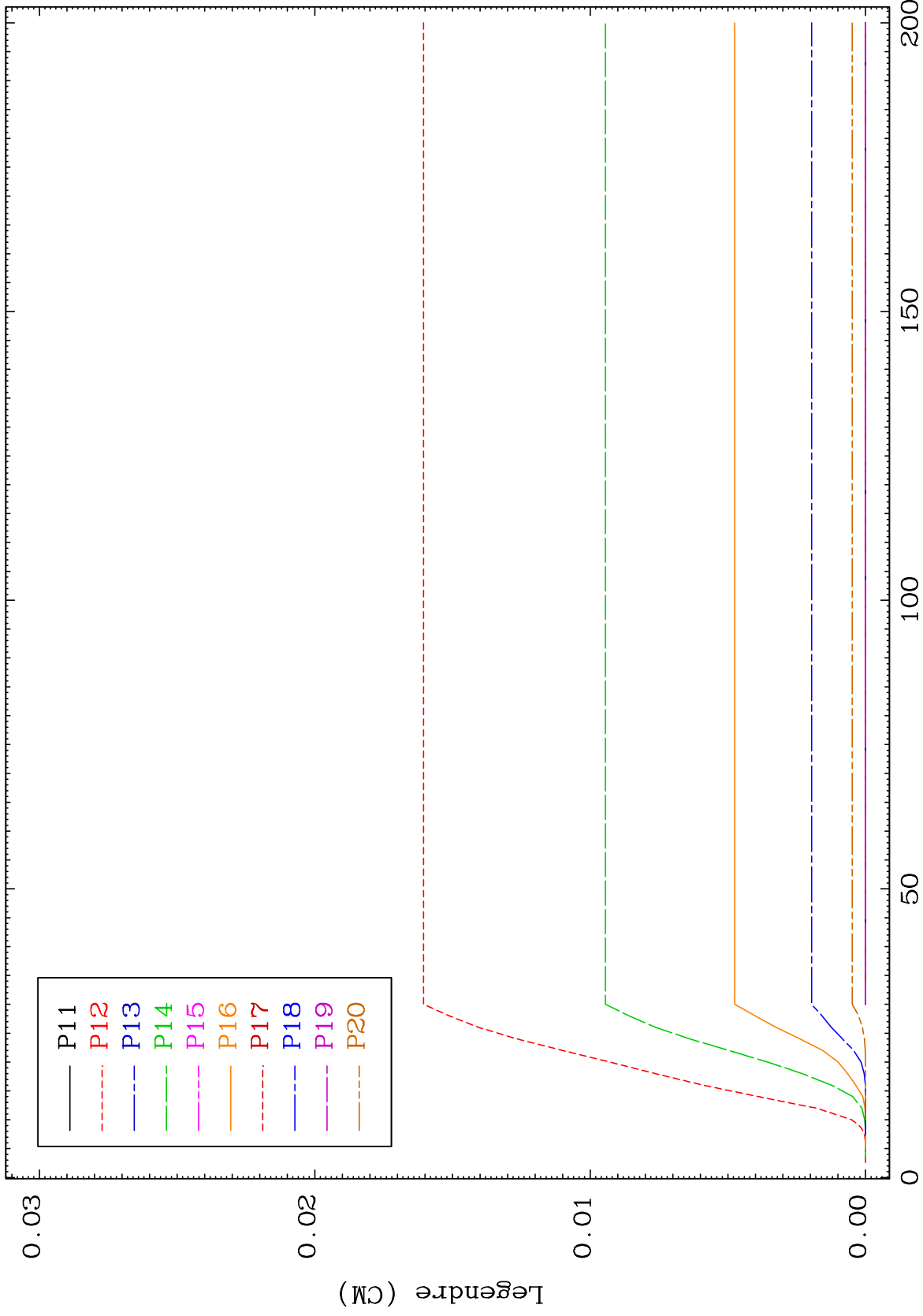




MAT 6625

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

66-Dy-156



71

Incident Energy (MeV)

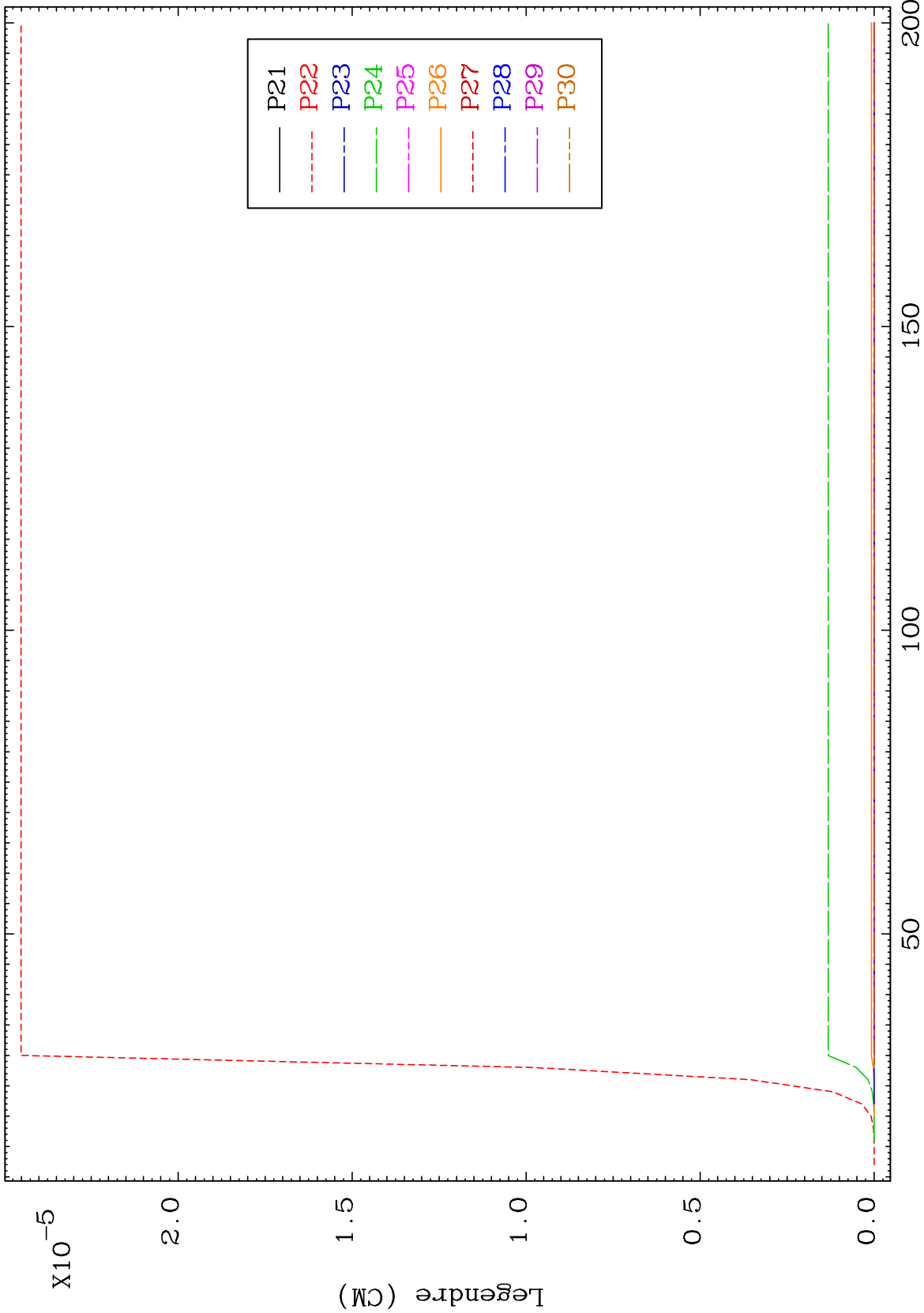
66-Dy-156



MAT 6625

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

66-Dy-156



66-Dy-156

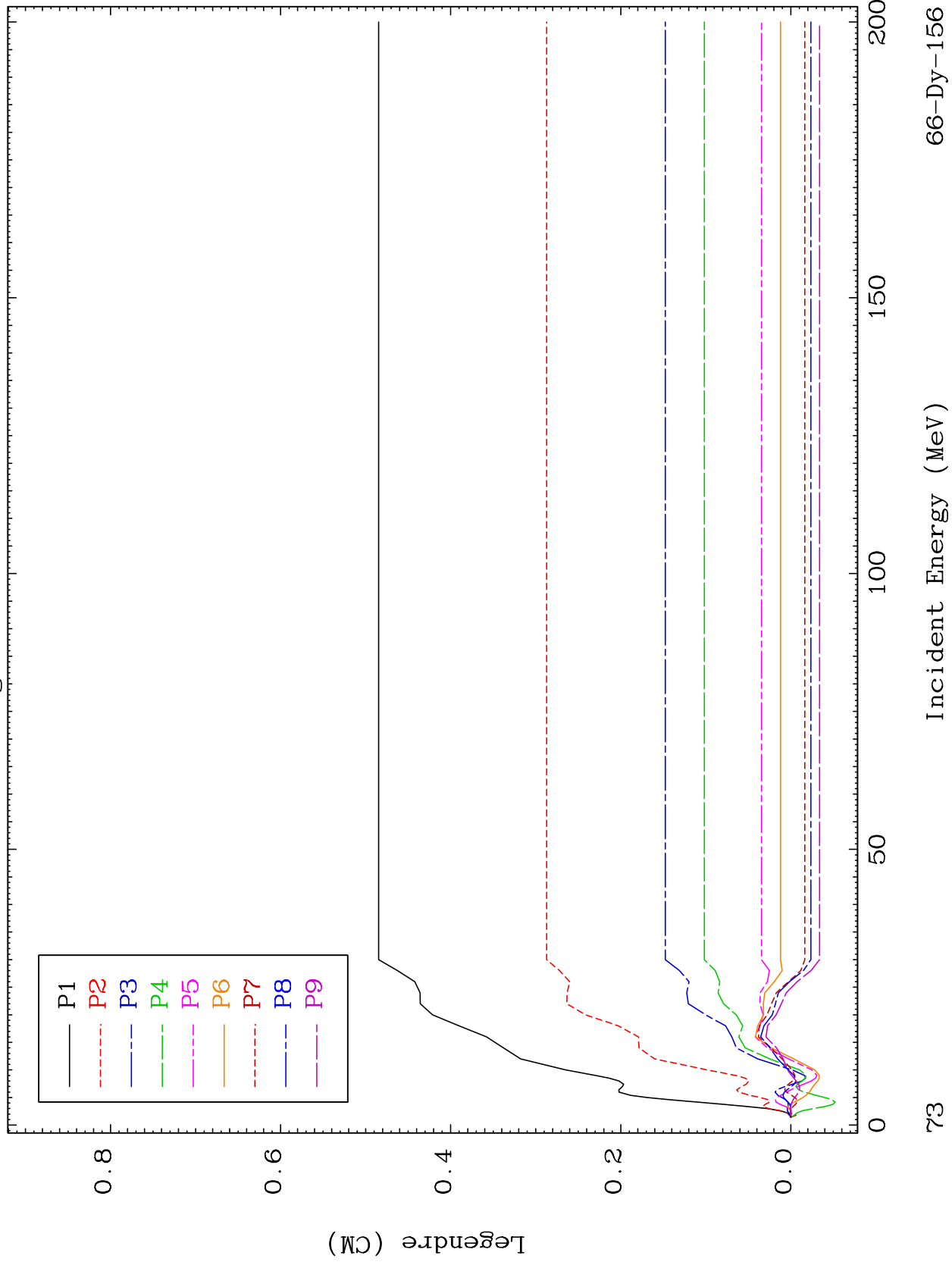
Incident Energy (MeV)

72

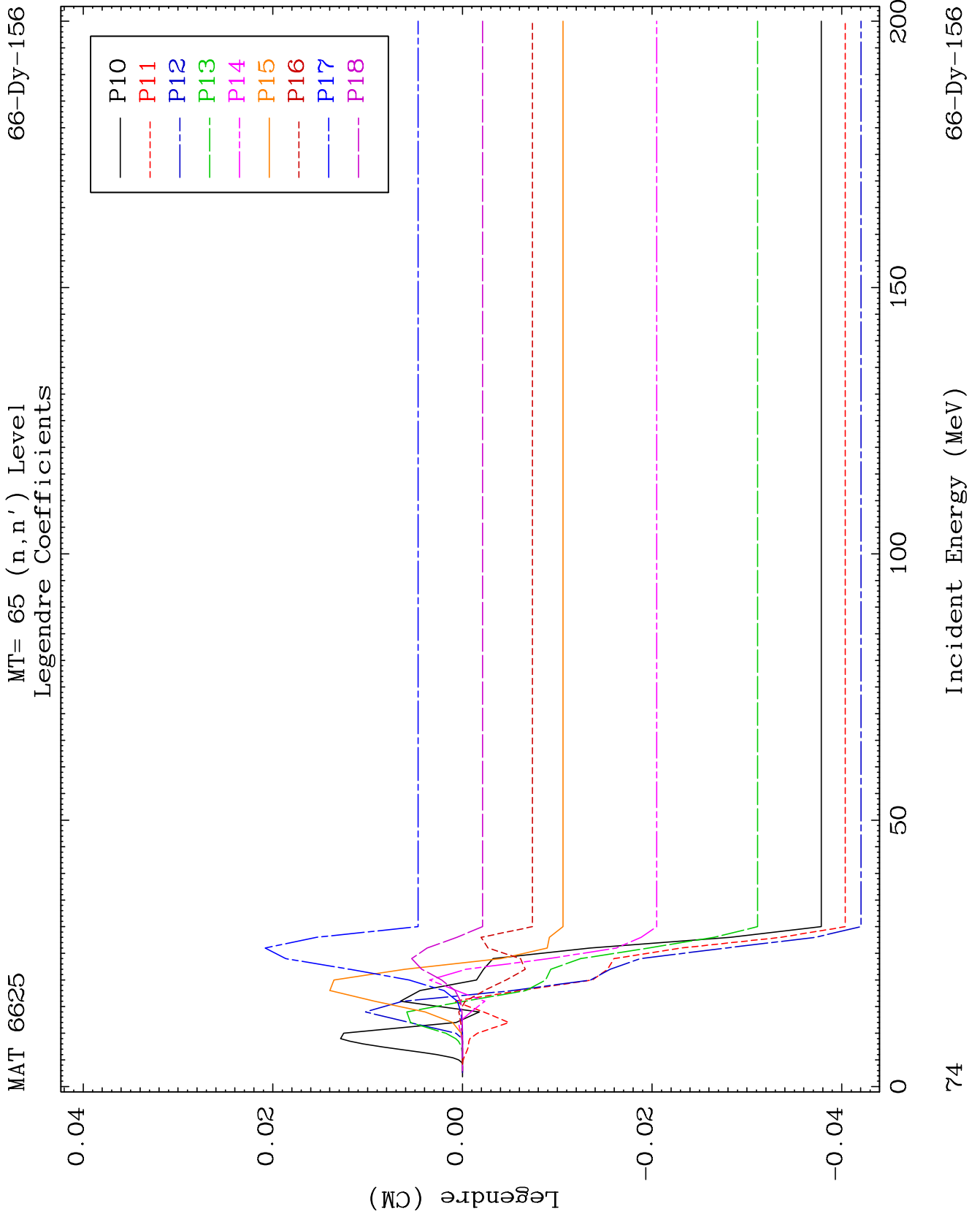
MAT 6625

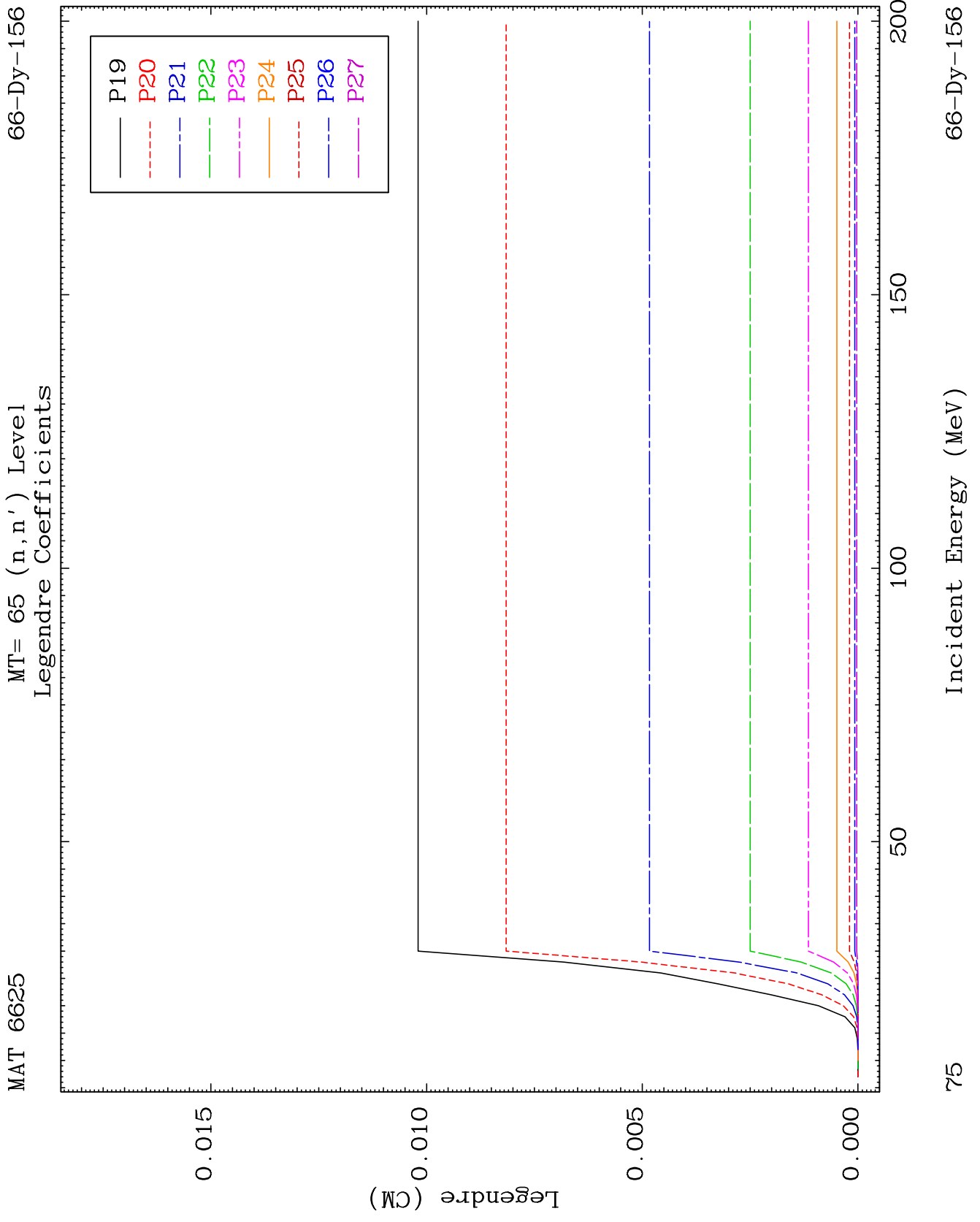
MT= 65 (n,n') Level  
Legendre Coefficients

66-Dy-156



66-Dy-156

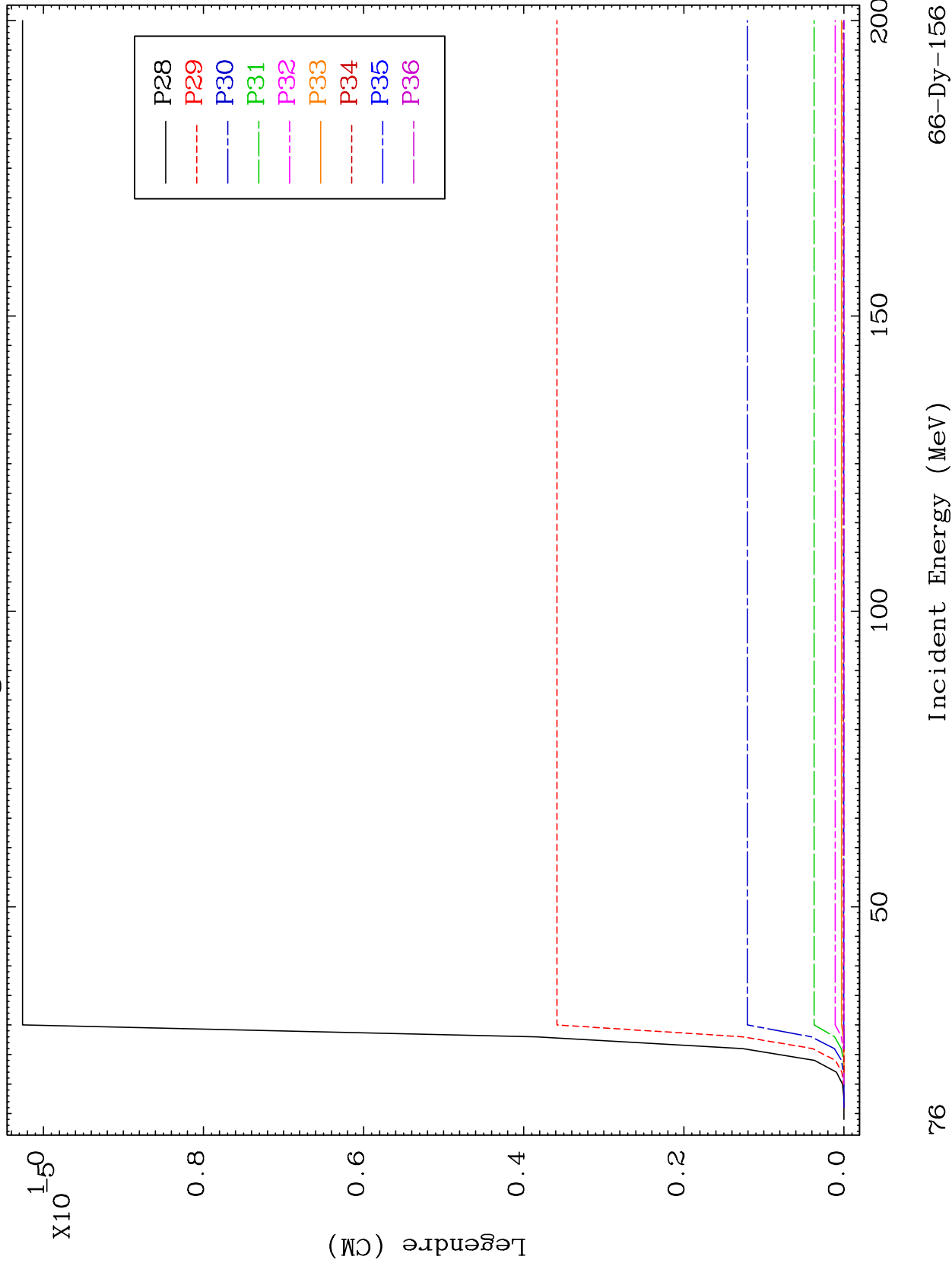




MAT 6625

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

66-Dy-156



76

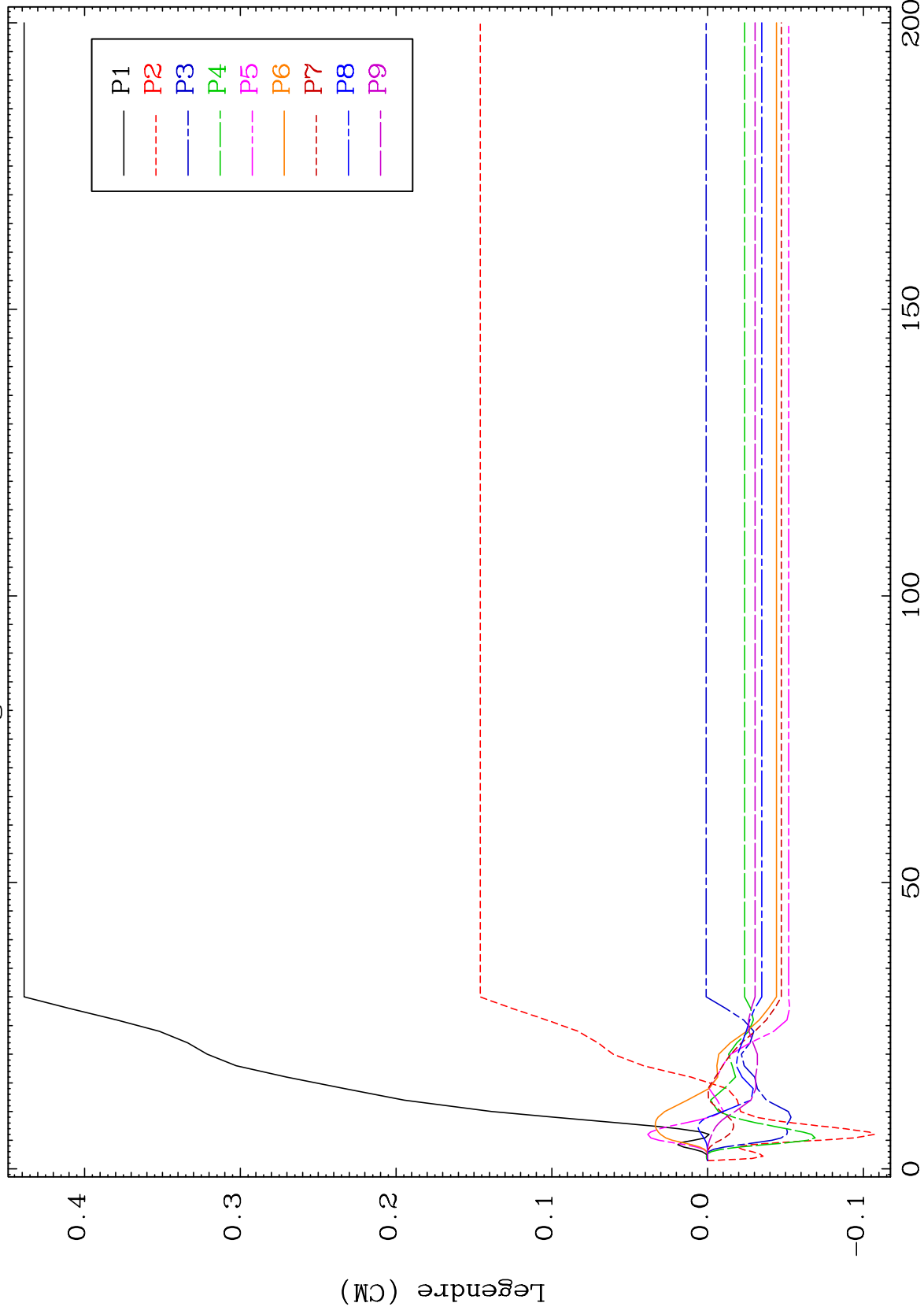
Incident Energy (MeV)

66-Dy-156

MAT 6625

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

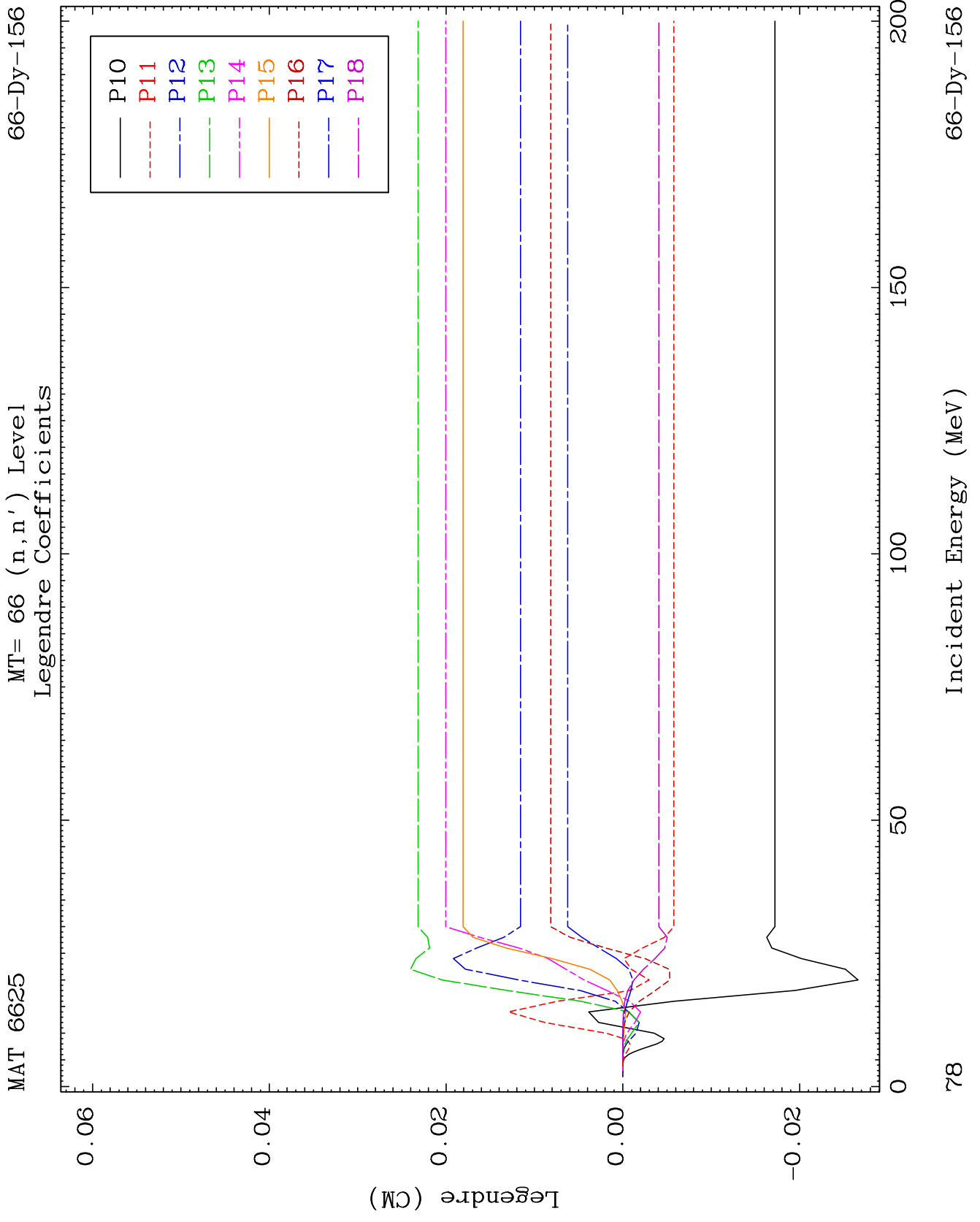
66-Dy-156



77

Incident Energy (MeV)

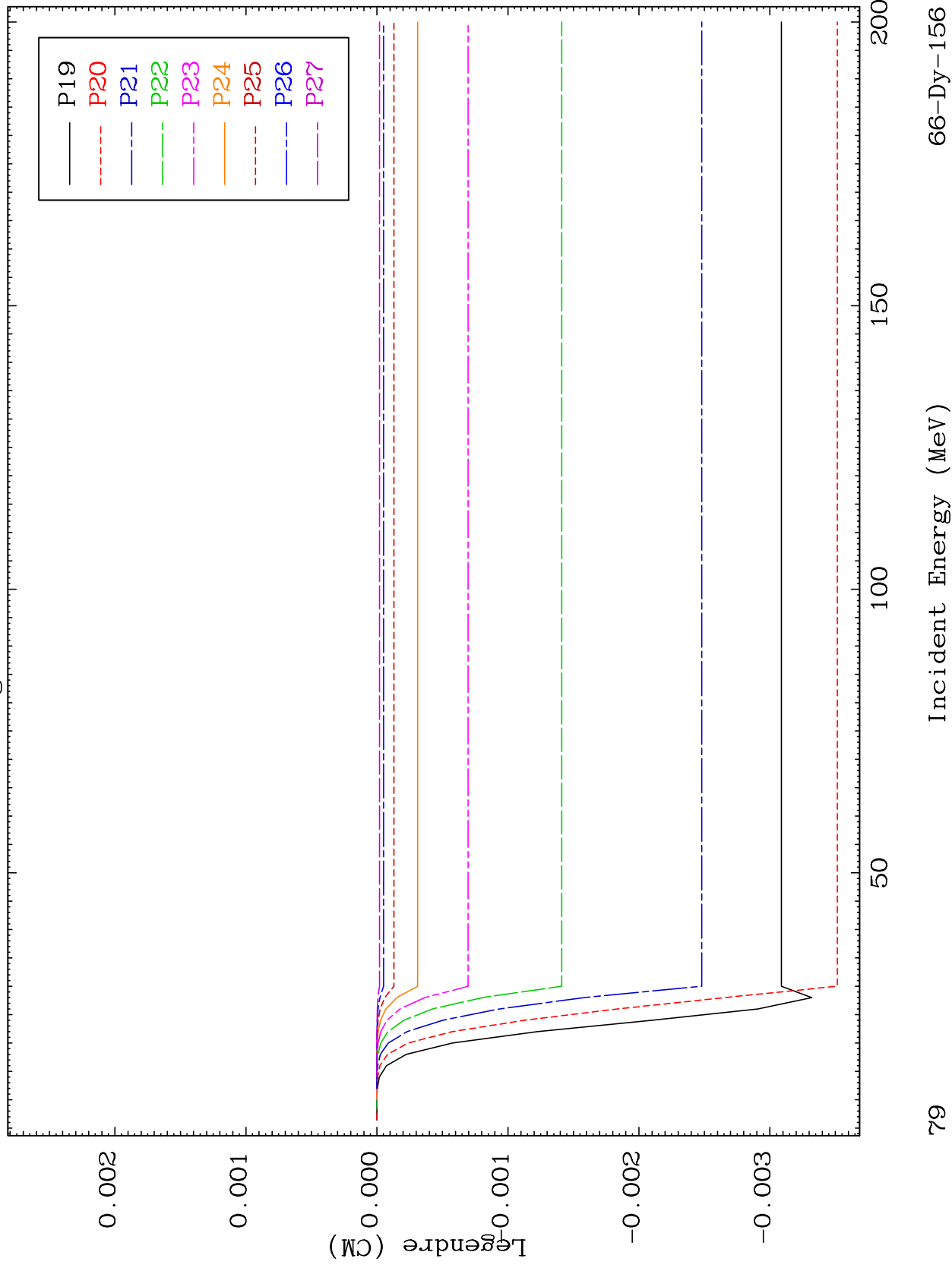
66-Dy-156



MAT 6625

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

66-Dy-156

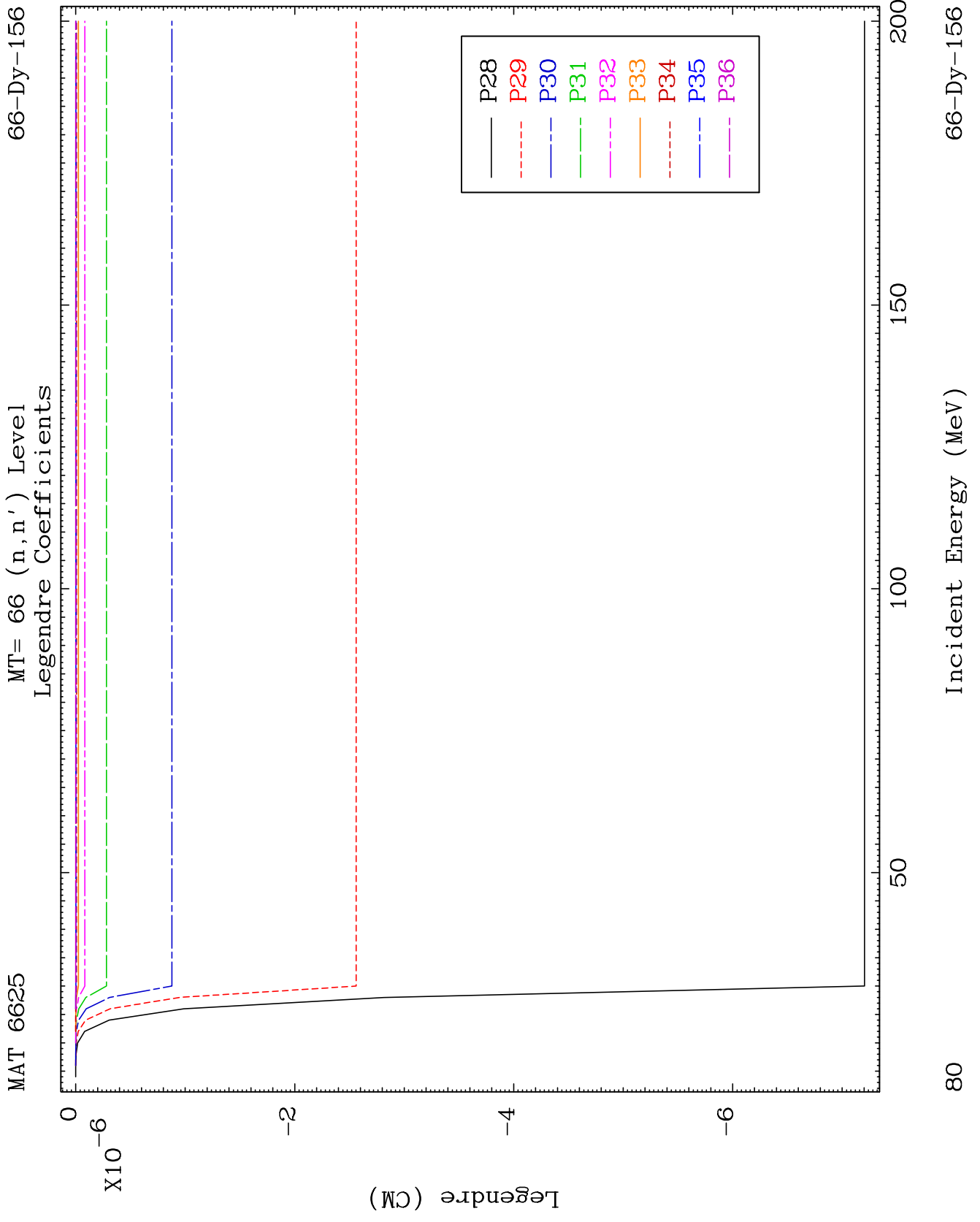


79

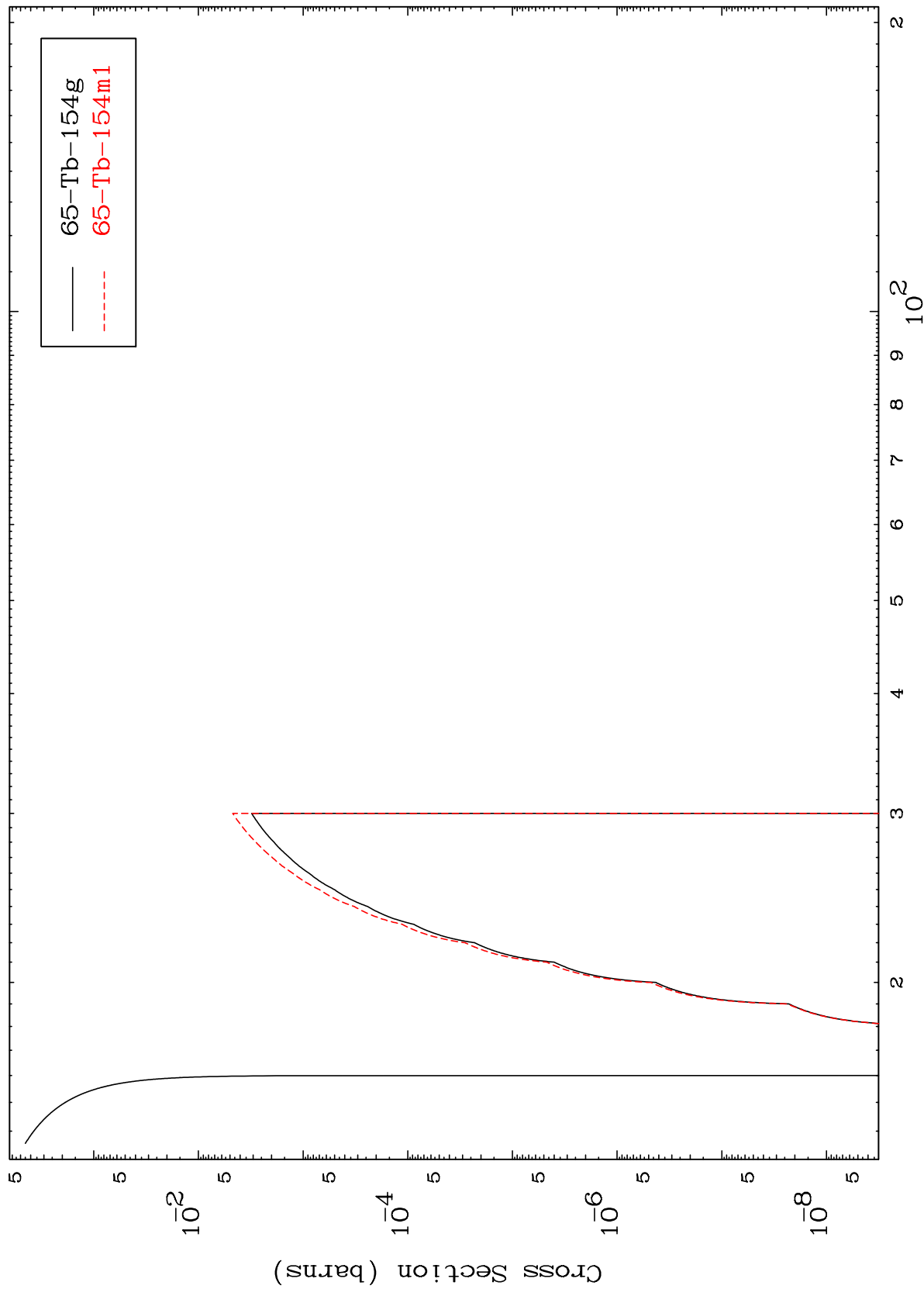
Incident Energy (MeV)

66-Dy-156





Radionuclide Production Cross Section



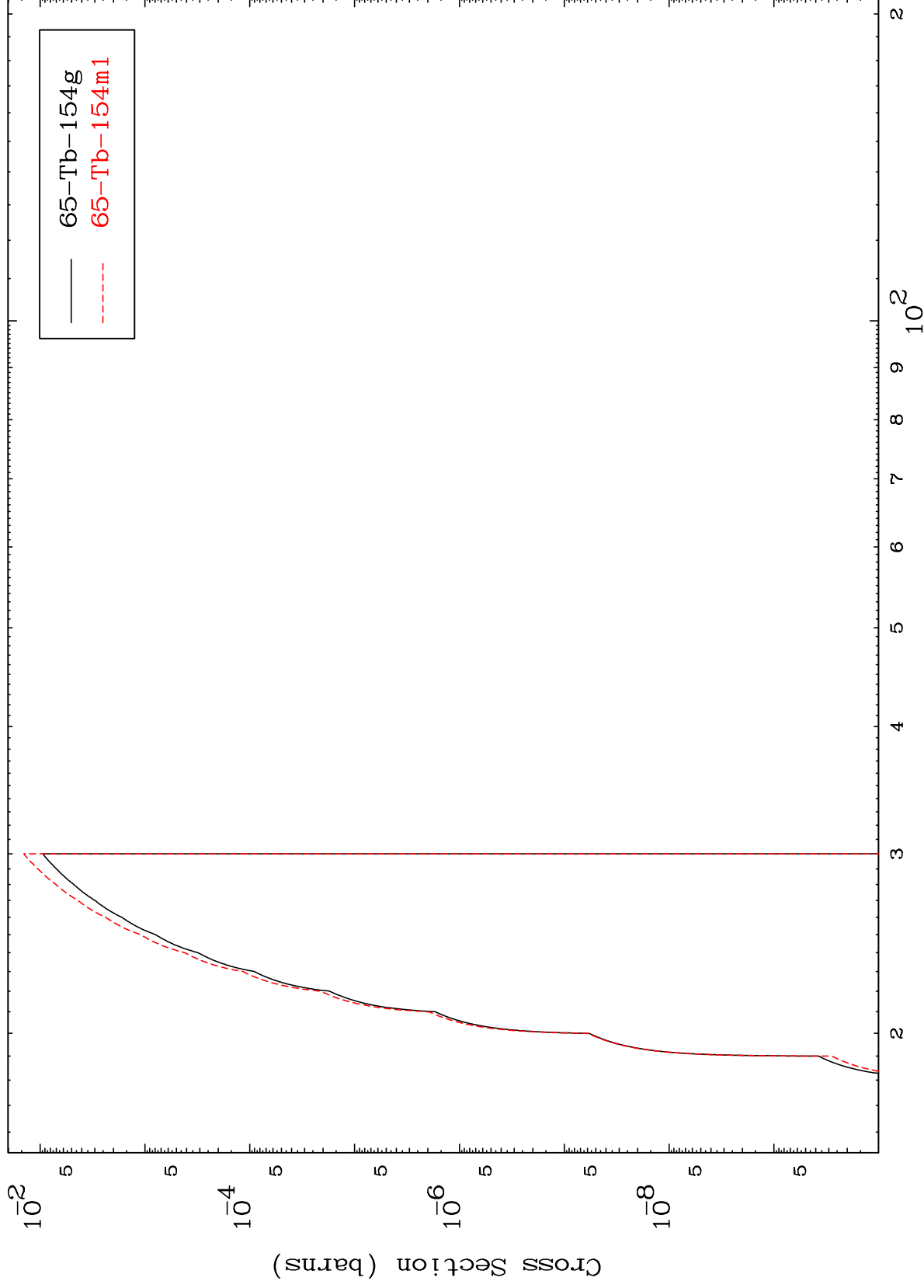
65-Tb-154g  
65-Tb-154m1

MAT 6625

(n,2n) p

66-Dy-156

Radionuclide Production Cross Section



82

Incident Energy (MeV)

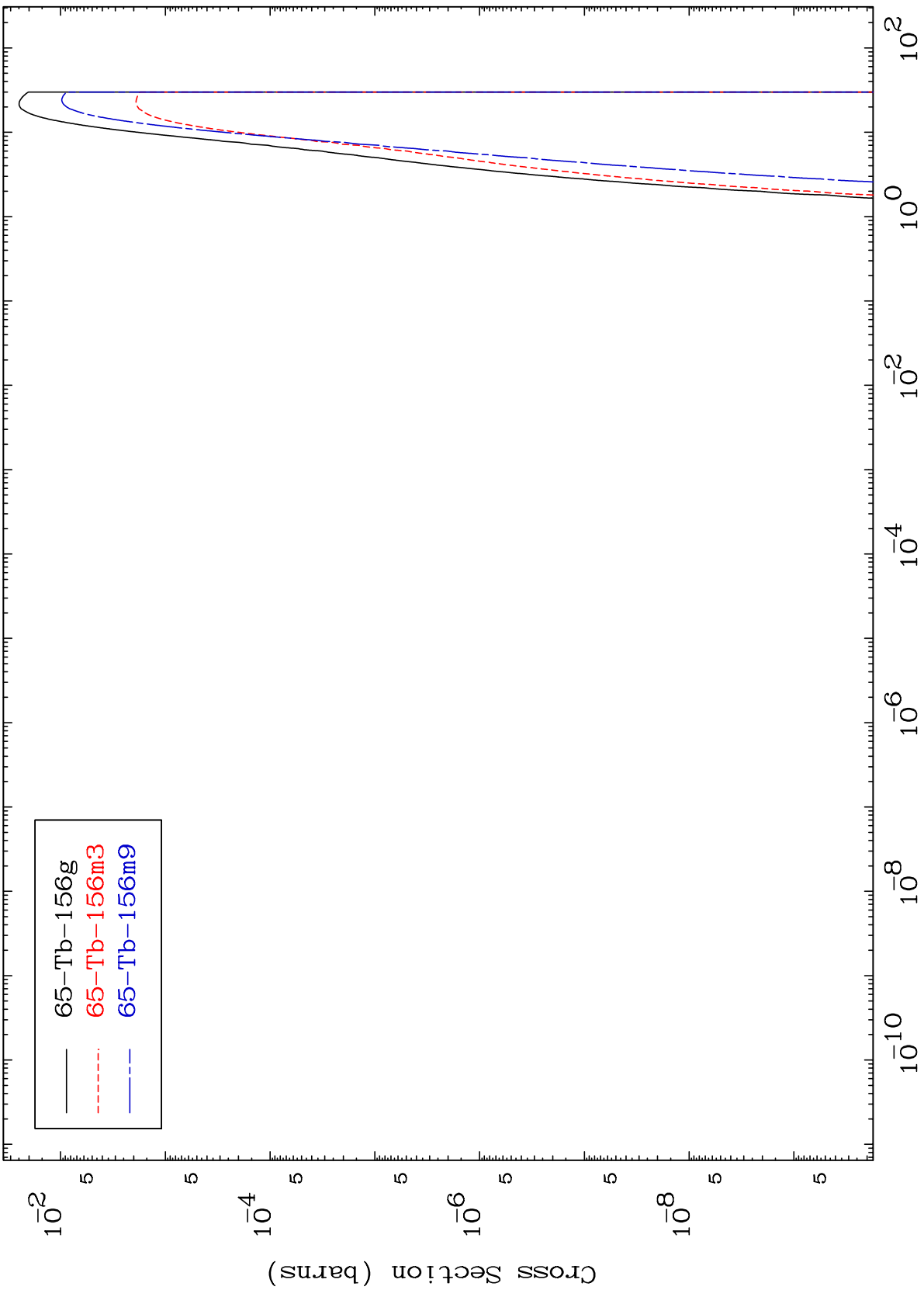
66-Dy-156

MAT 6625

(n,p)

66-Dy-156

Radionuclide Production Cross Section

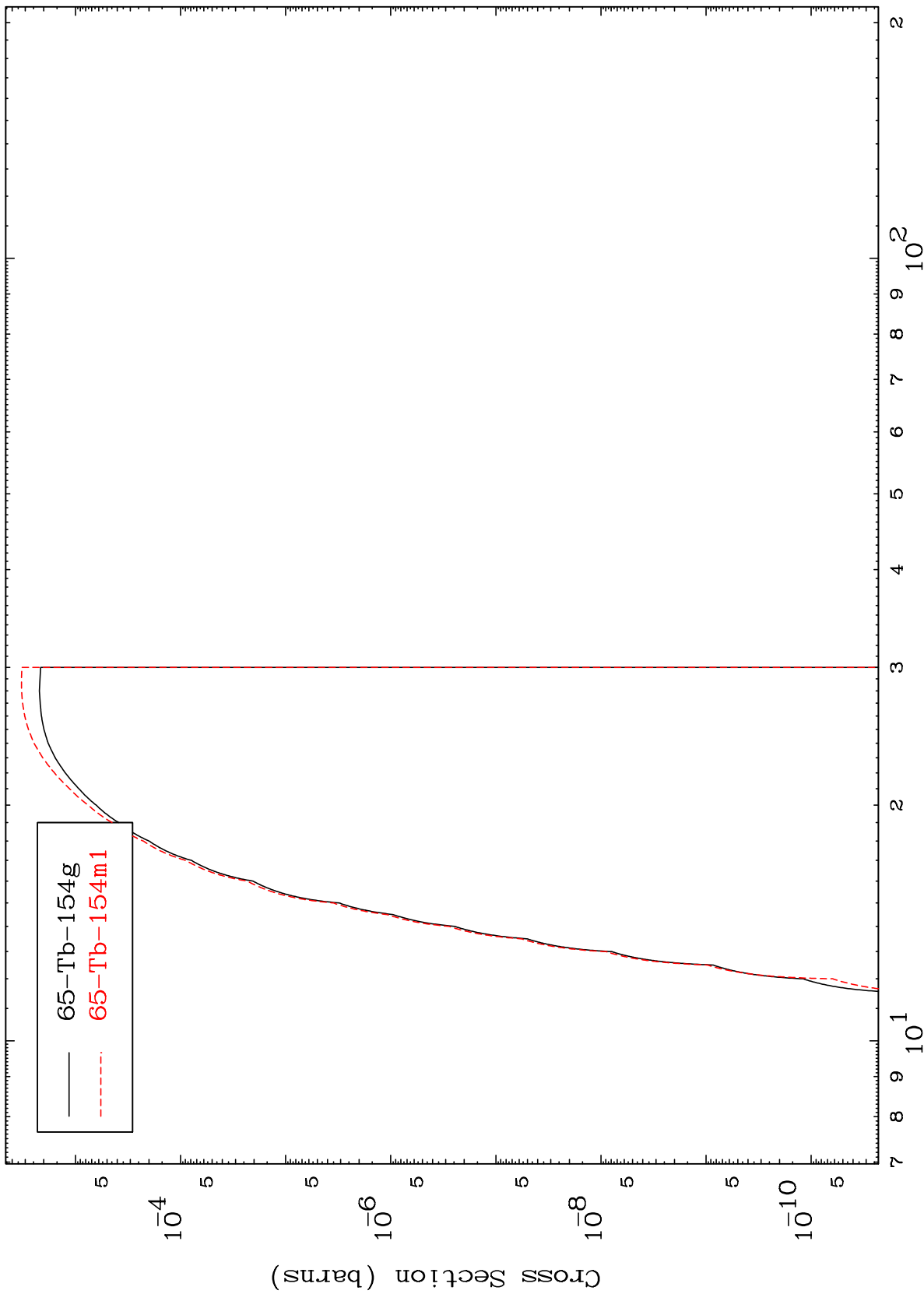


65-Tb-156g  
65-Tb-156m3  
65-Tb-156m9

MAT 6625

66-Dy-156

(n, t)  
Radionuclide Production Cross Section



84

Incident Energy (MeV)

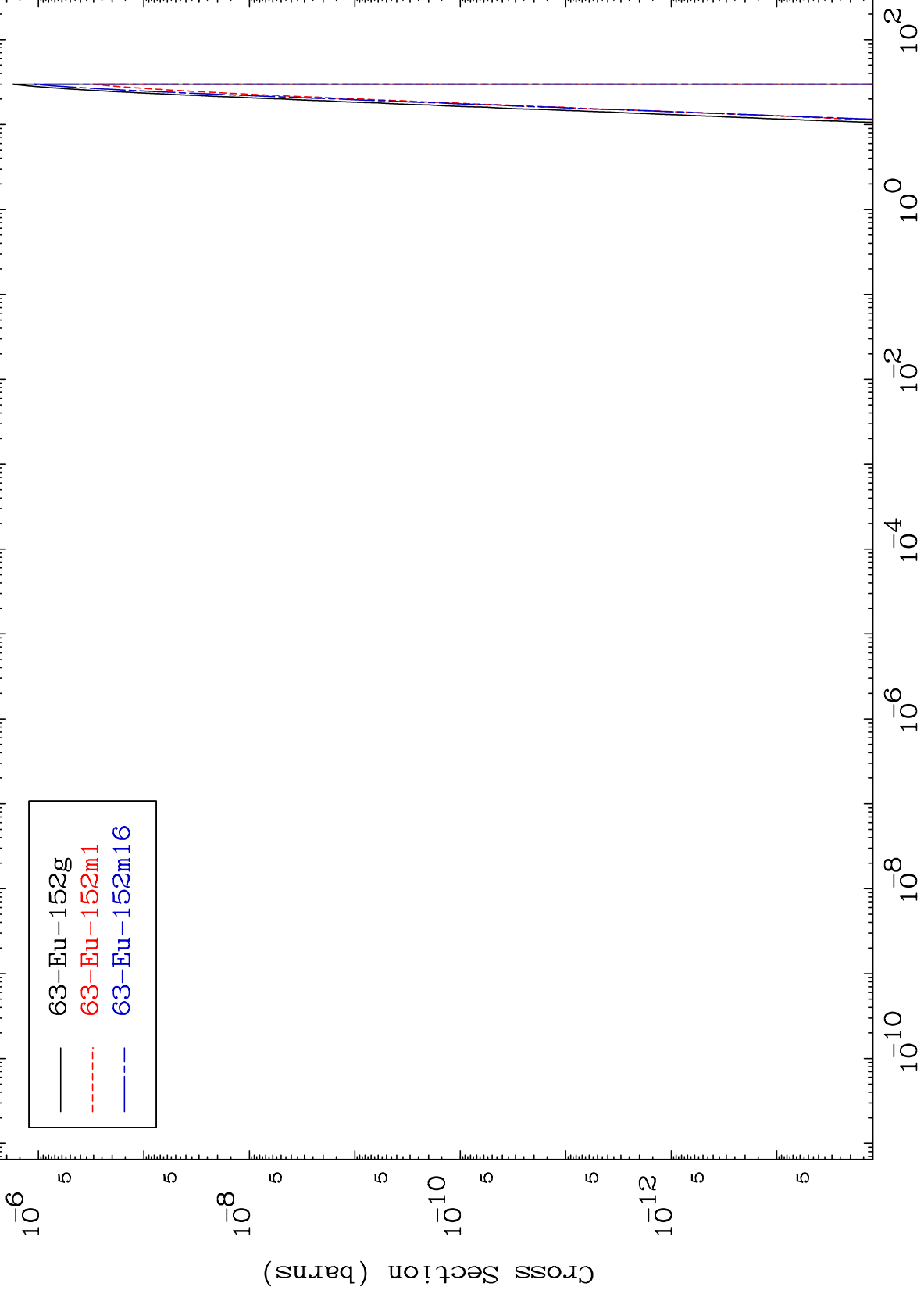
66-Dy-156

MAT 6625

(n,p)  $\alpha$

66-Dy-156

Radionuclide Production Cross Section



85

Incident Energy (MeV)

66-Dy-156