

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

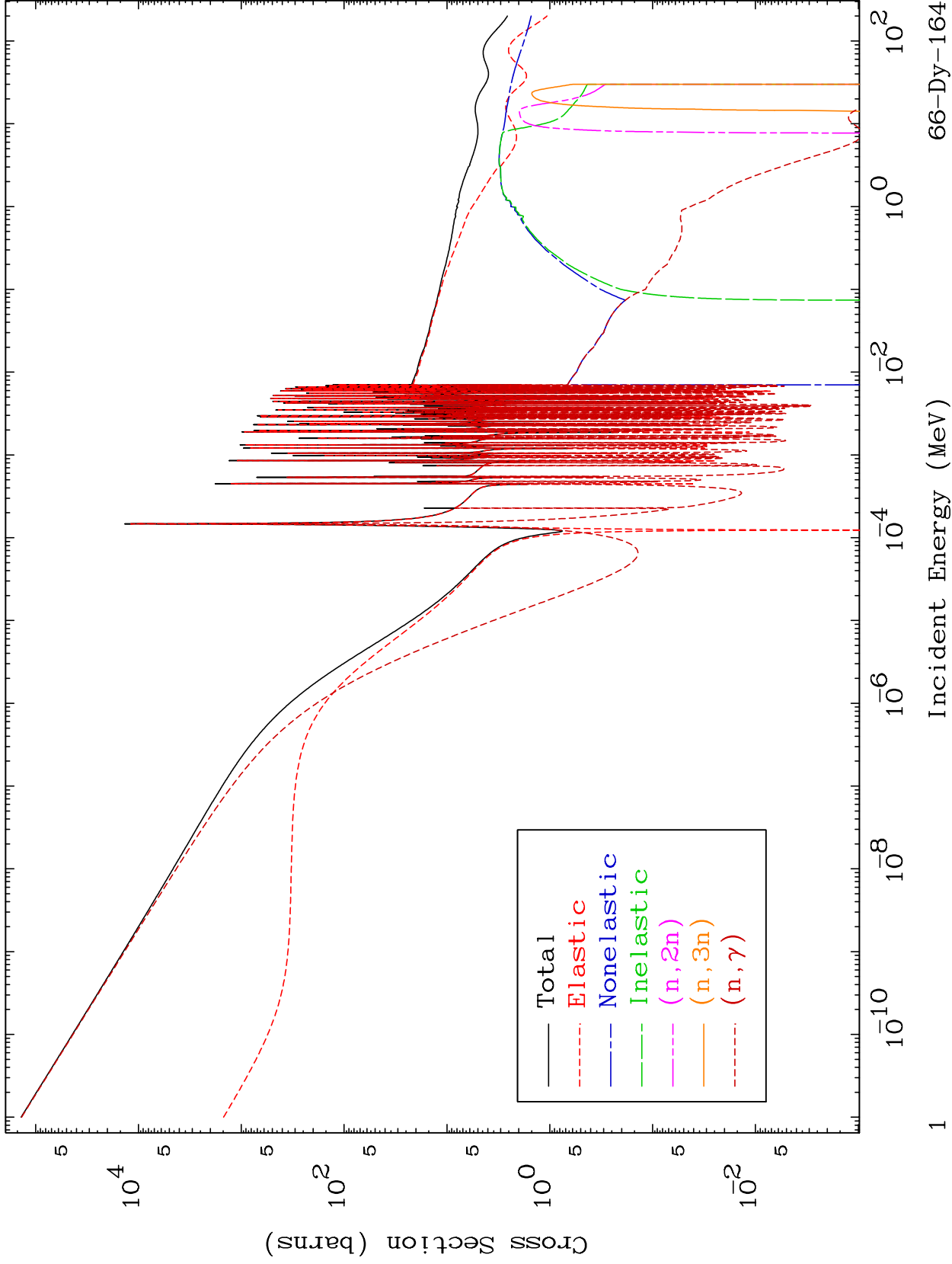
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Press Mouse Button to Start

MAT 6649

Neutron Major  
293 Kelvin Cross Sections

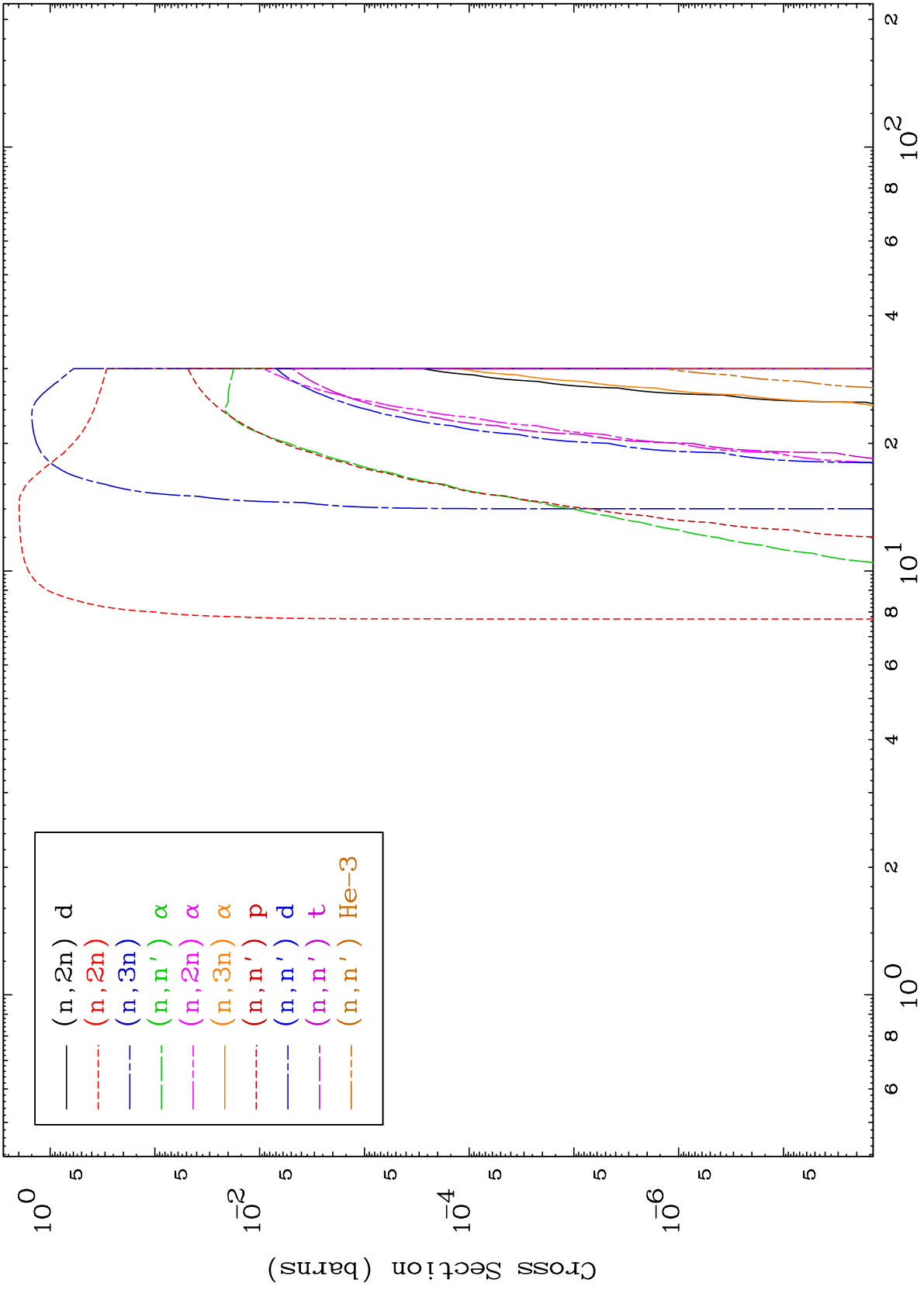
66-Dy-164



MAT 6649

Neutron Absorption  
293 Kelvin Cross Sections

66-Dy-164



2

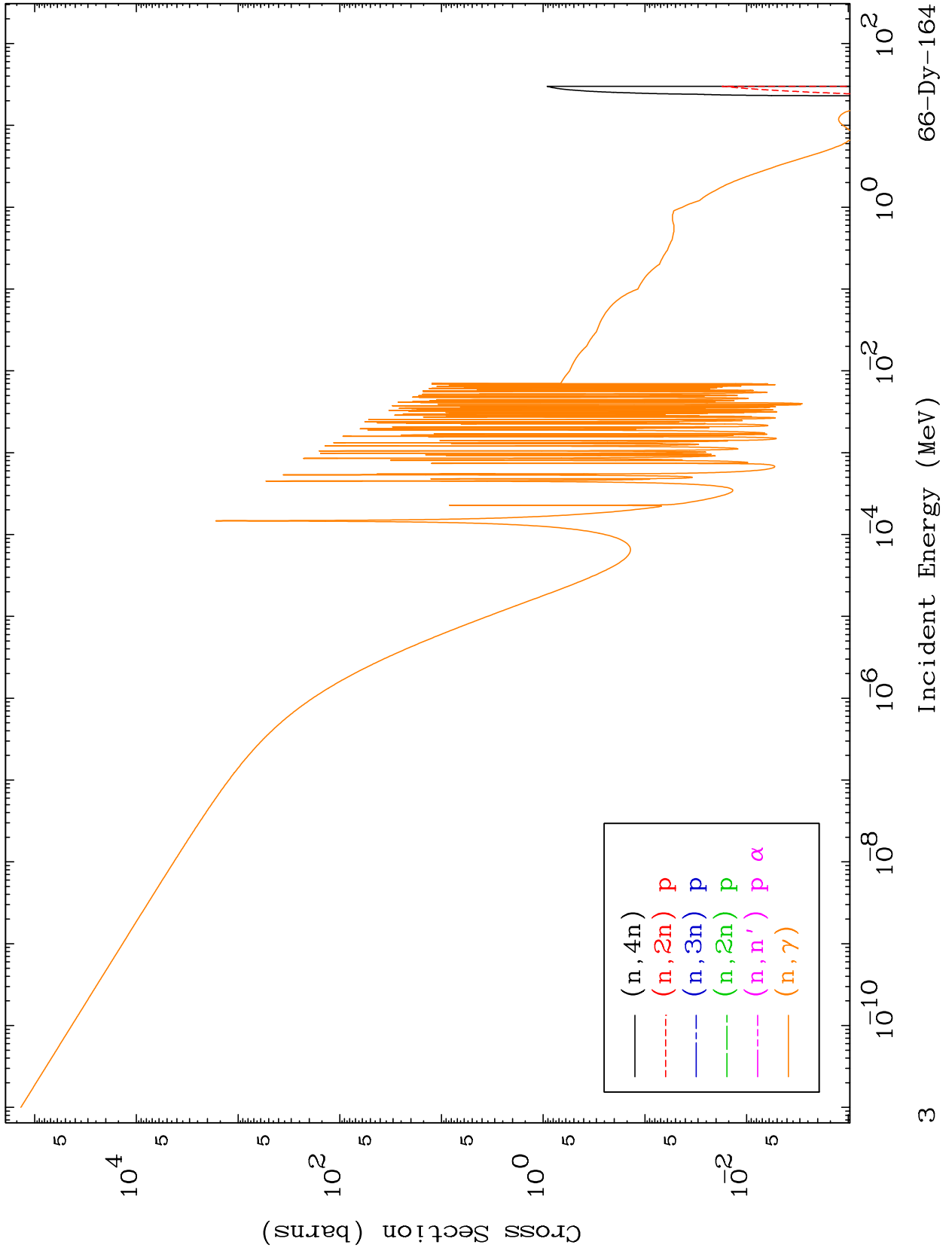
Incident Energy (MeV)

66-Dy-164

MAT 6649

Neutron Absorption  
293 Kelvin Cross Sections

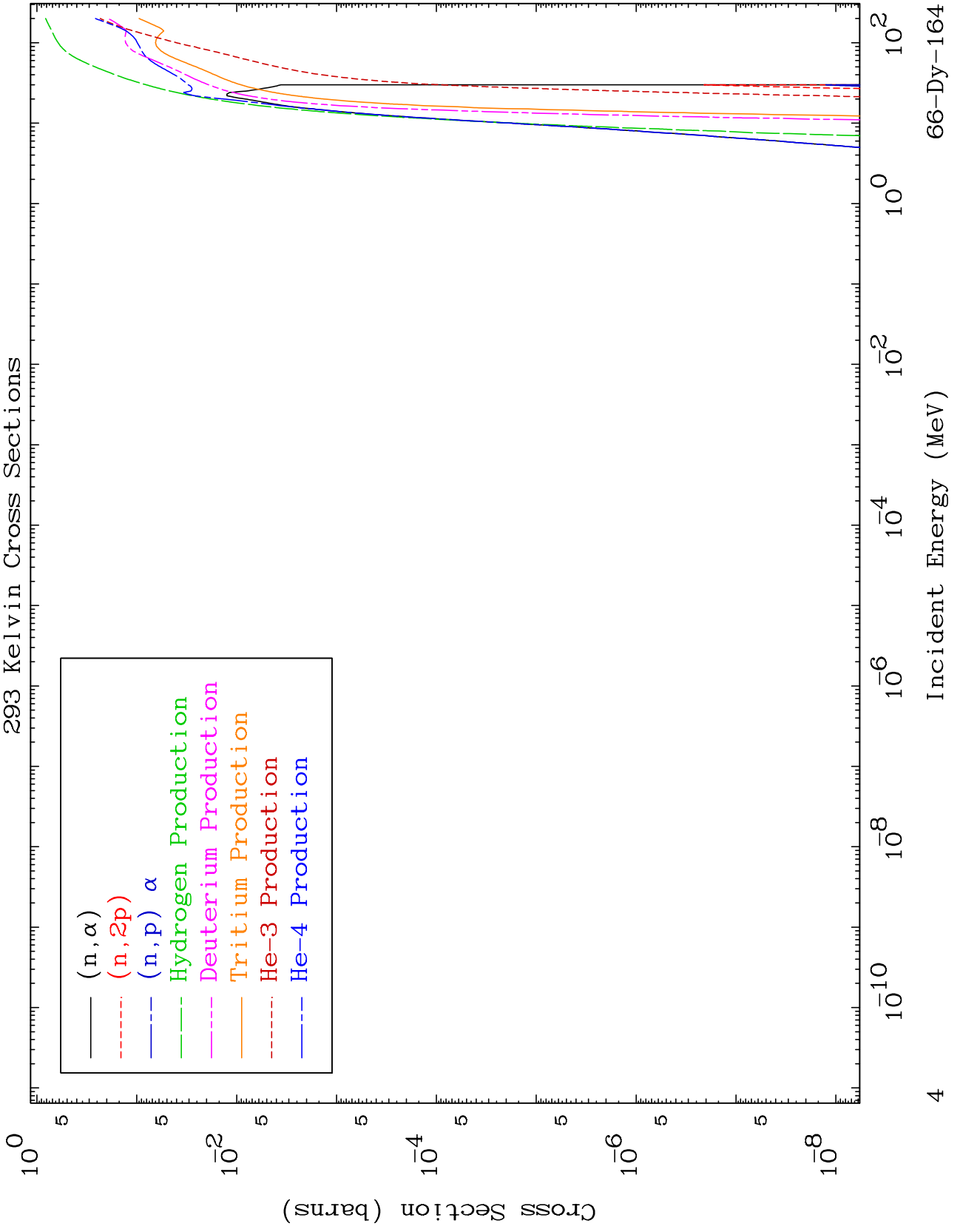
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MAT 6649

Neutron Absorption  
293 Kelvin Cross Sections

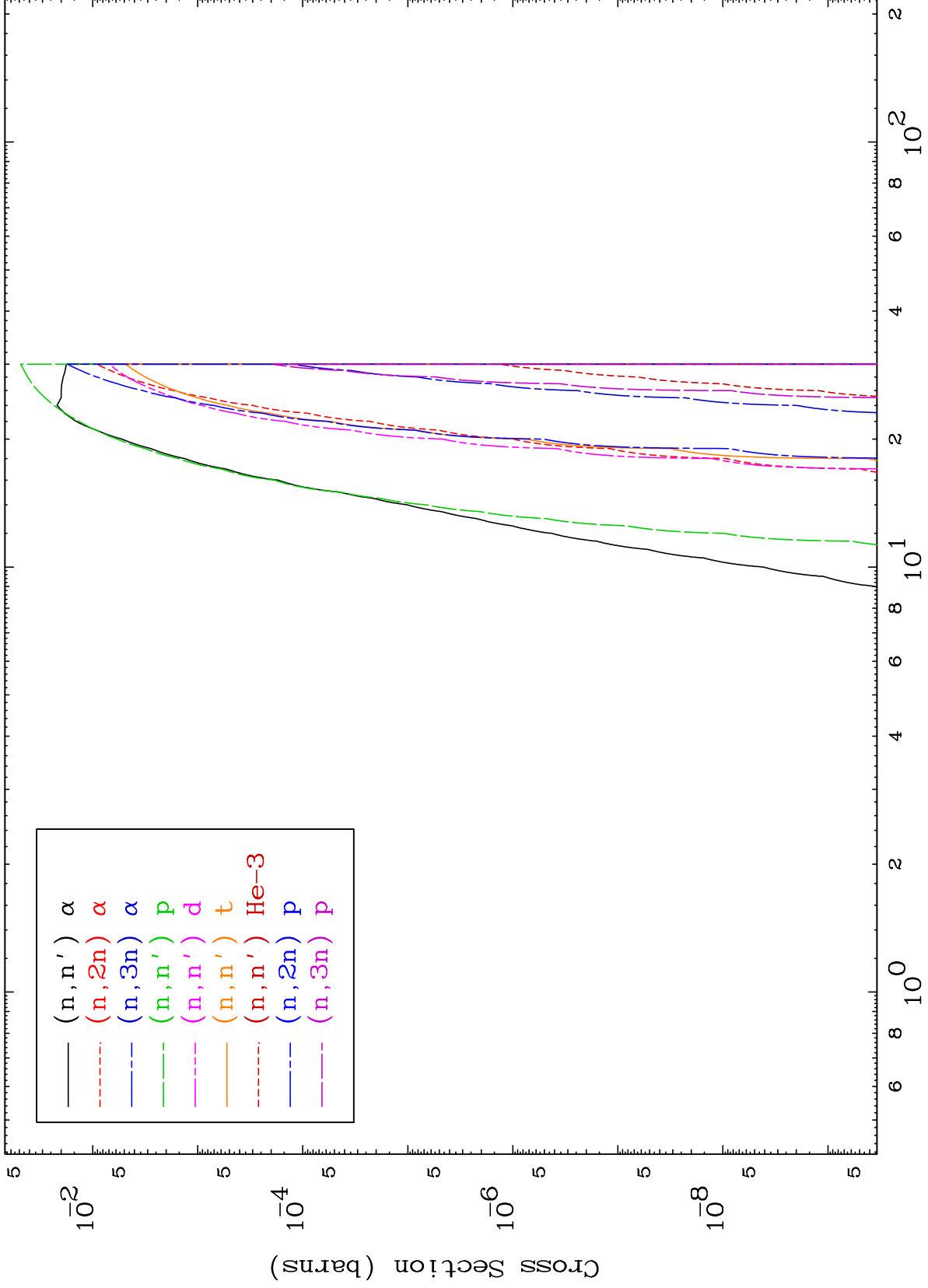
66-Dy-164



MAT 6649

Charged Particle  
293 Kelvin Cross Sections

66-Dy-164



5

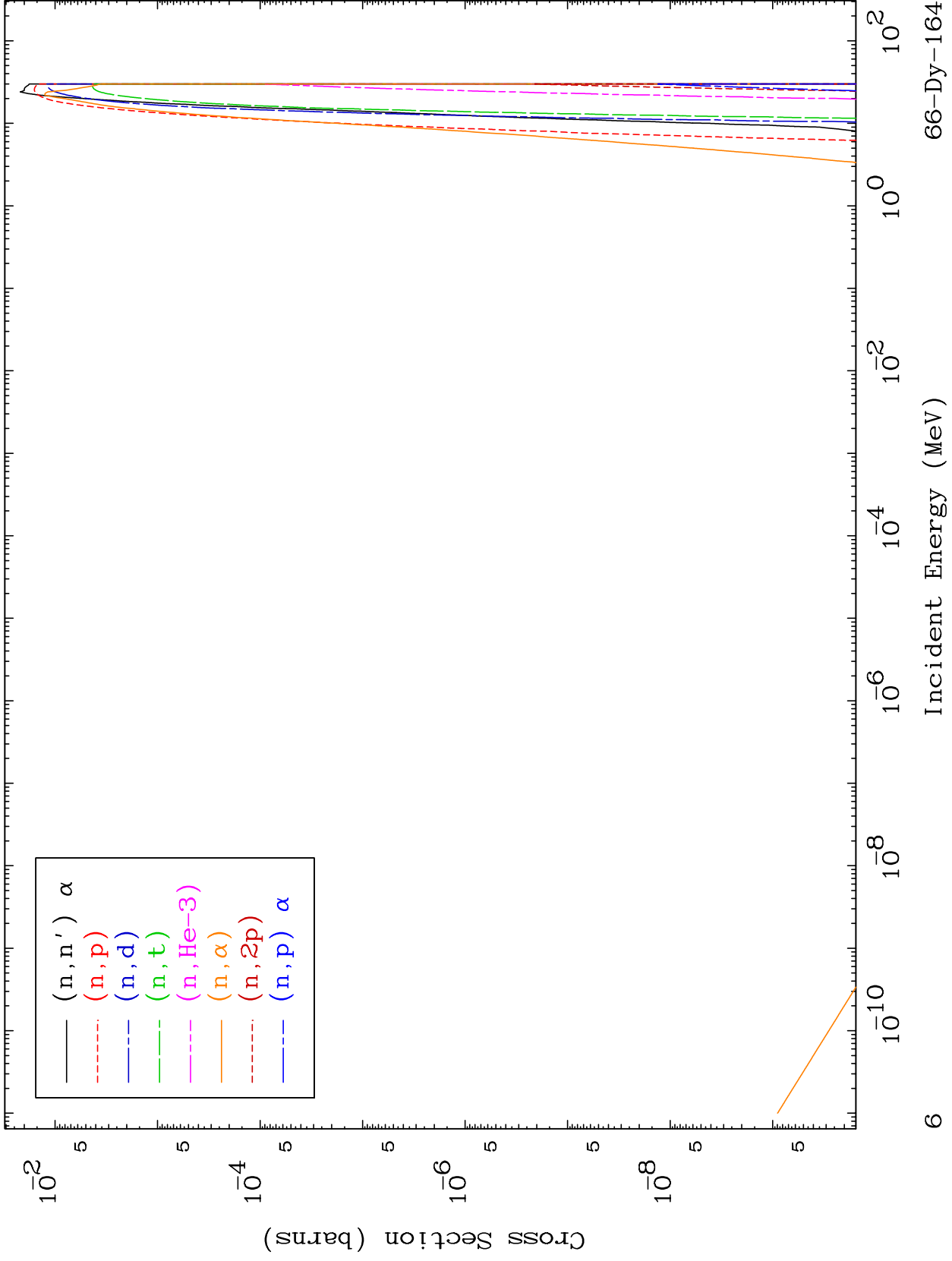
Incident Energy (MeV)

66-Dy-164

MAT 6649

Charged Particle  
293 Kelvin Cross Sections

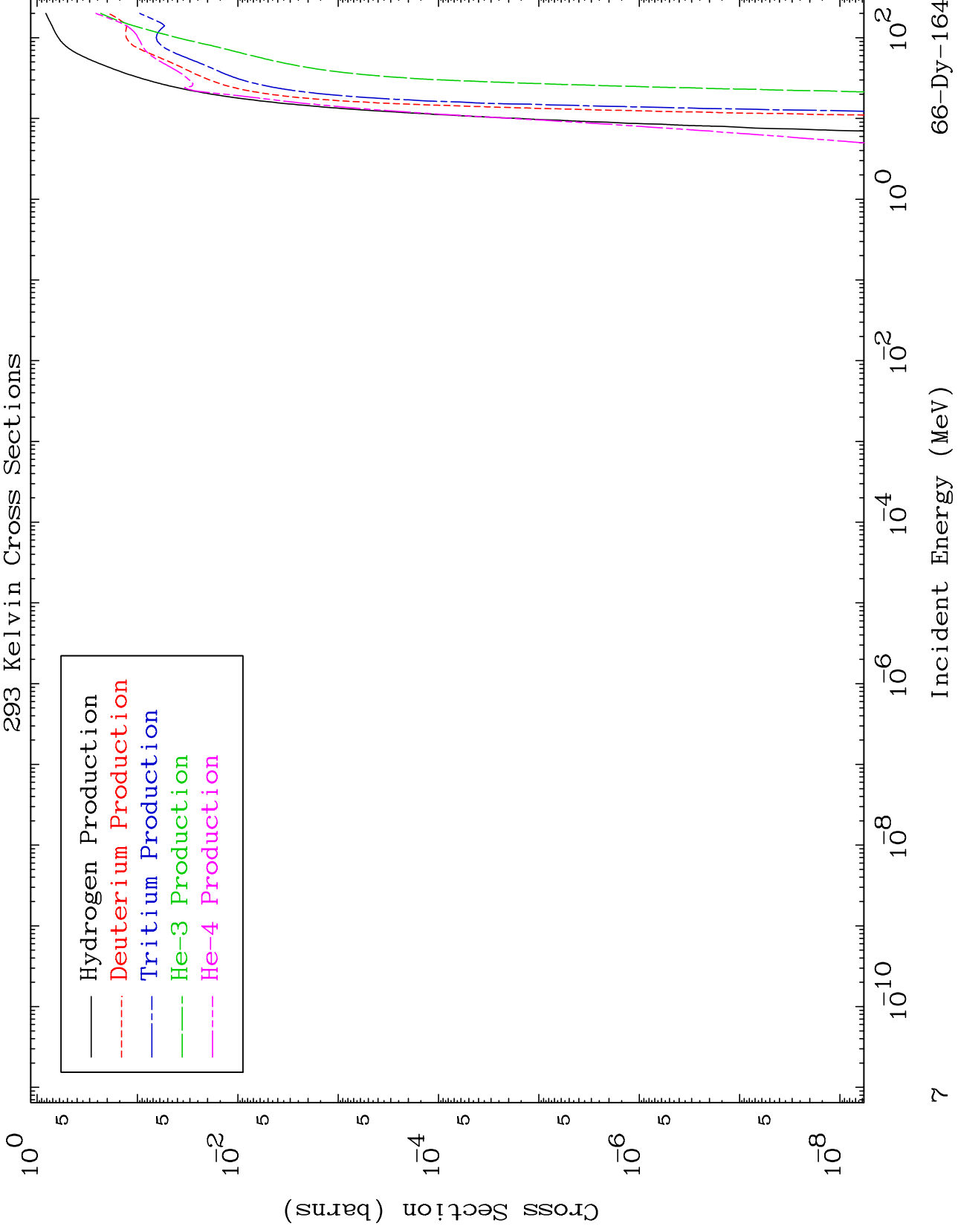
66-Dy-164



MAT 6649

Particle Production  
293 Kelvin Cross Sections

66-Dy-164



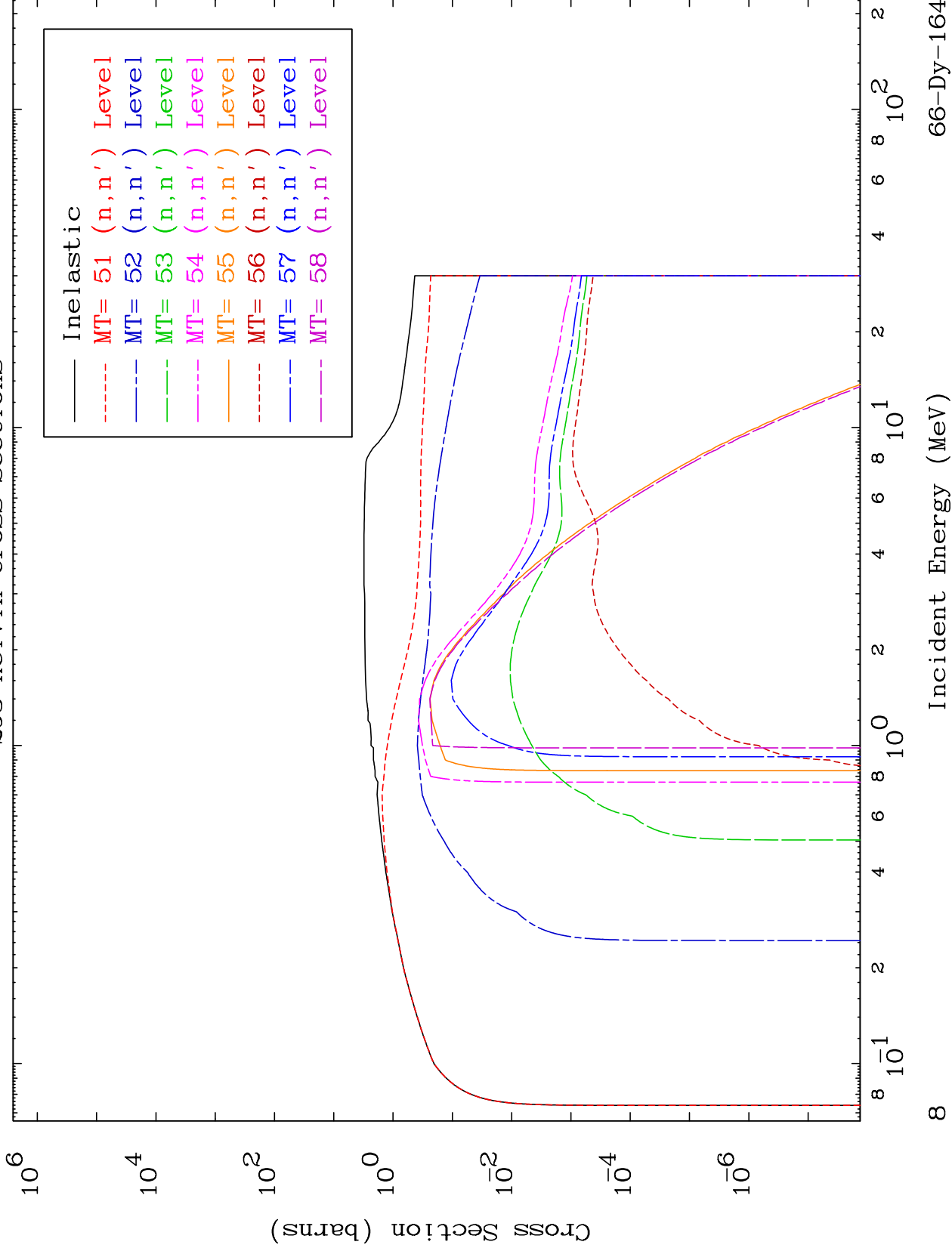


MAT 6649

(n,n') Levels

293 Kelvin Cross Sections

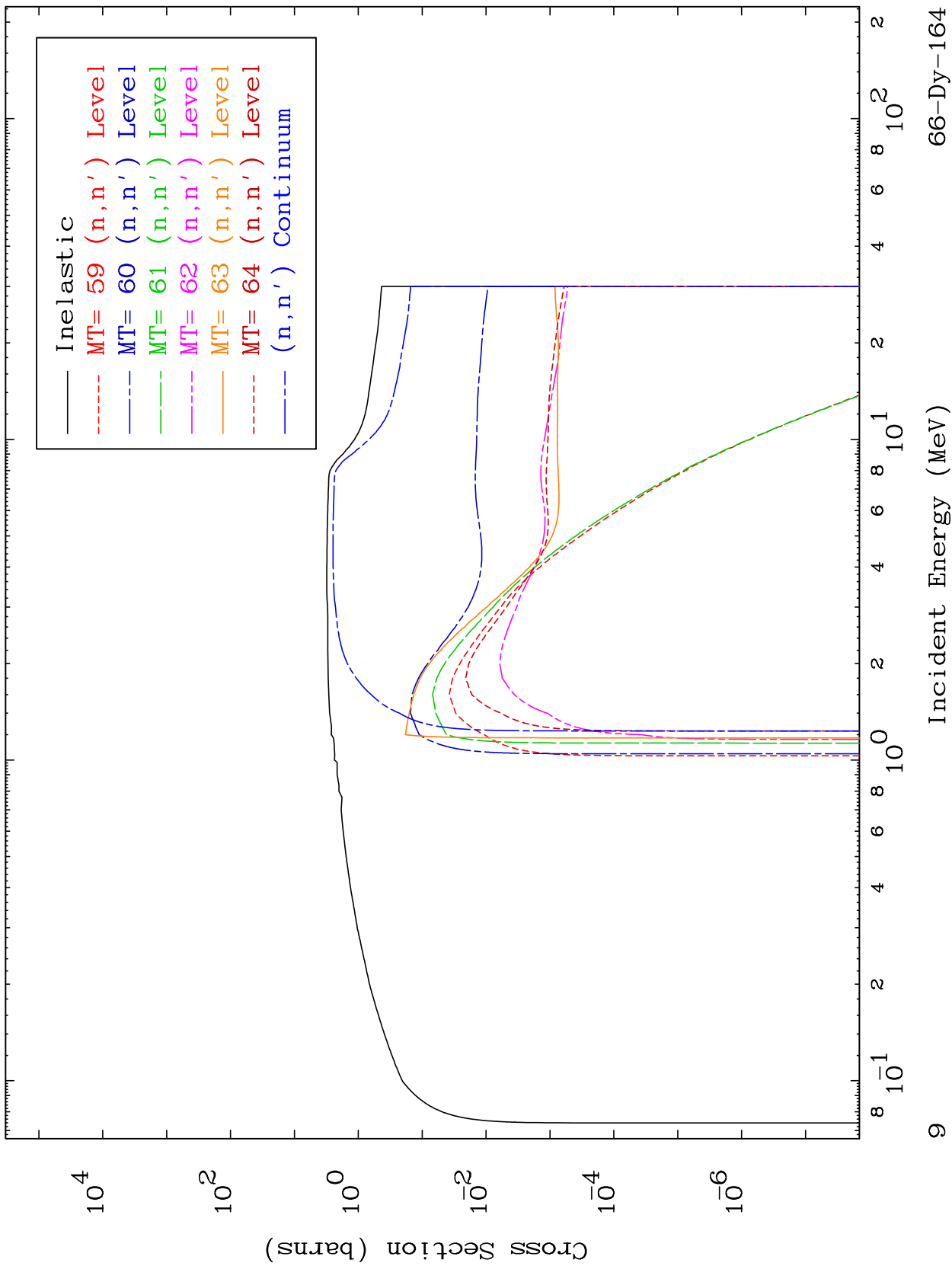
66-Dy-164



66-Dy-164

Incident Energy (MeV)

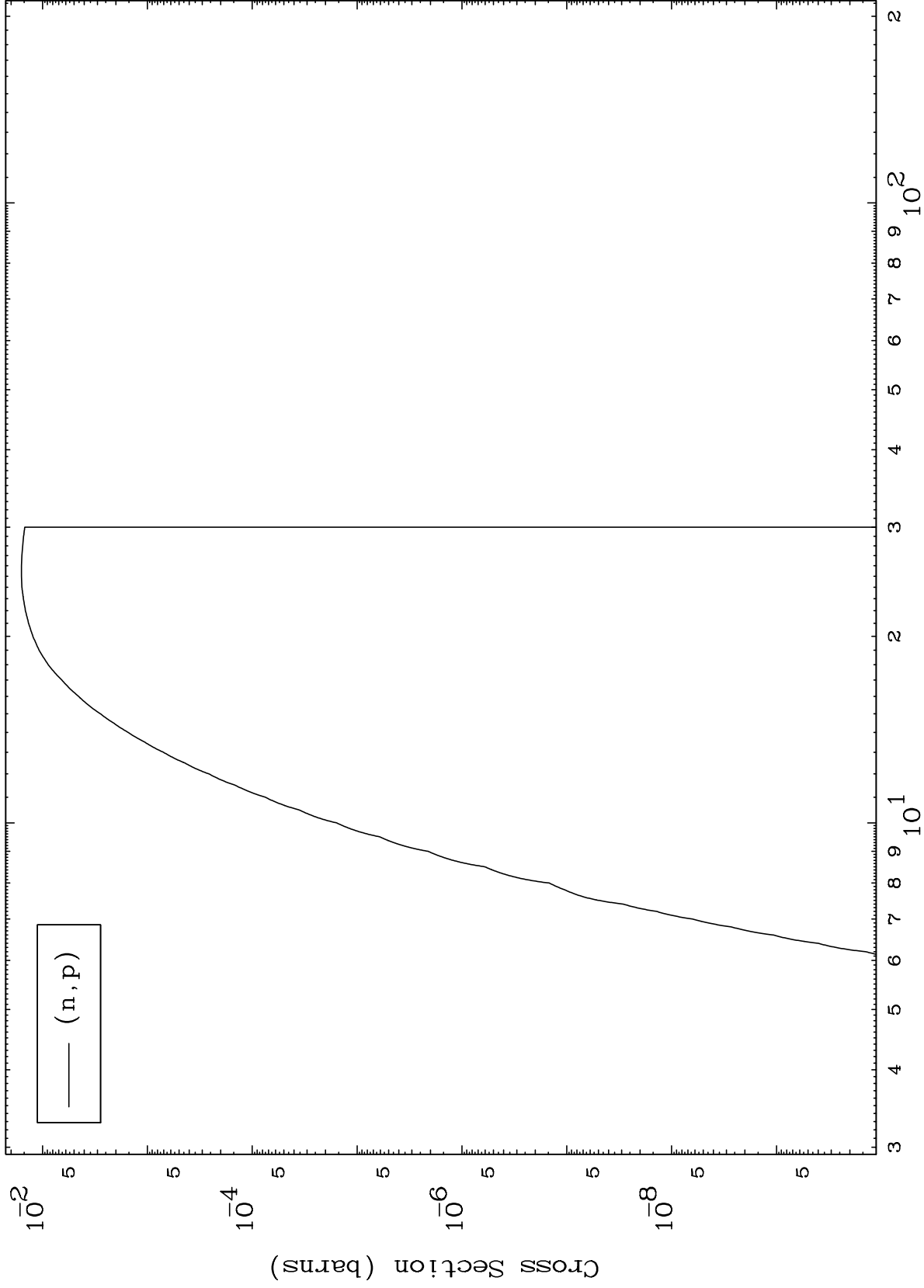
8



MAT 6649

(n,p) Levels  
293 Kelvin Cross Sections

66-Dy-164



10

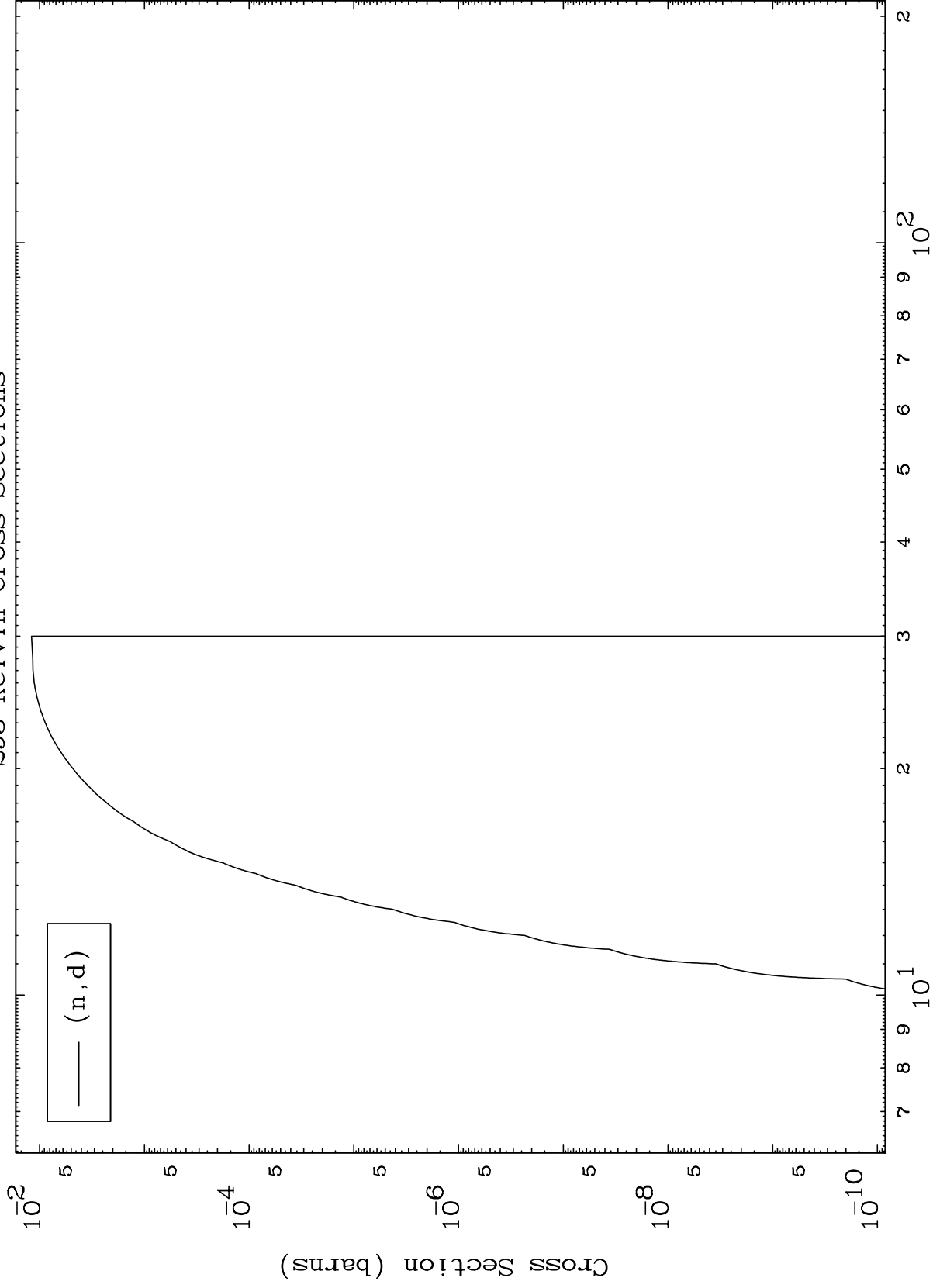
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-164



11

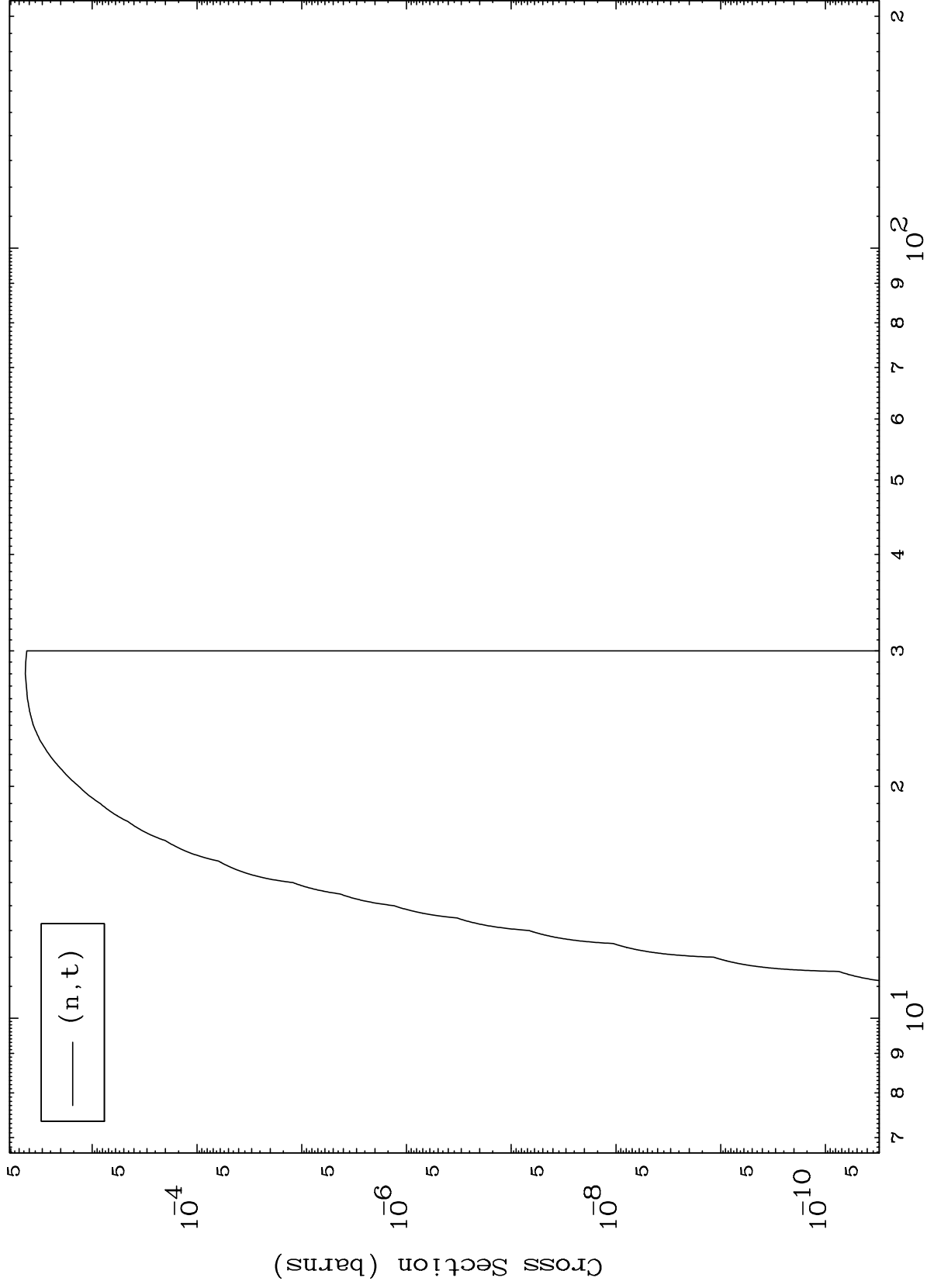
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-164



12

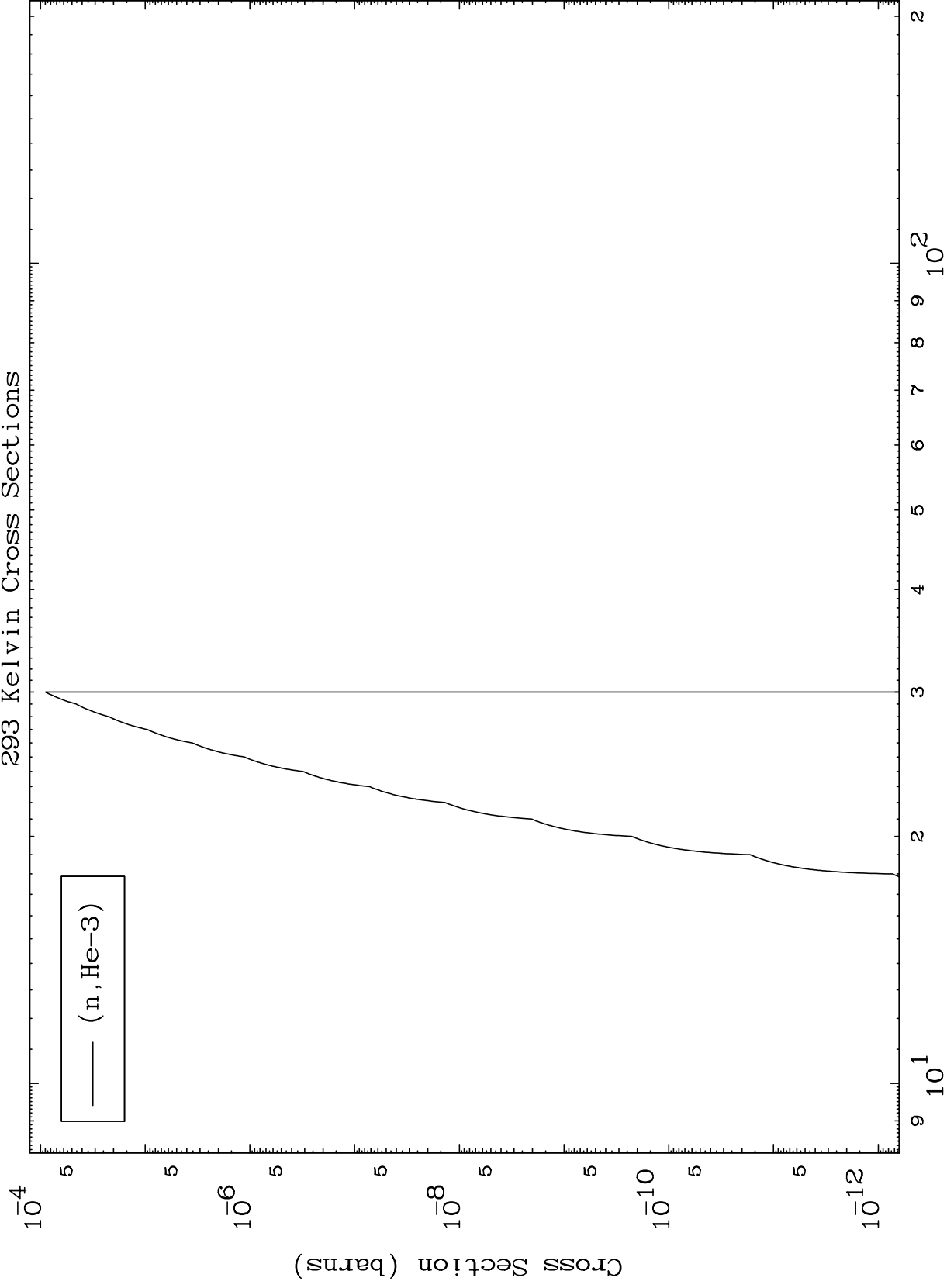
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-164



13

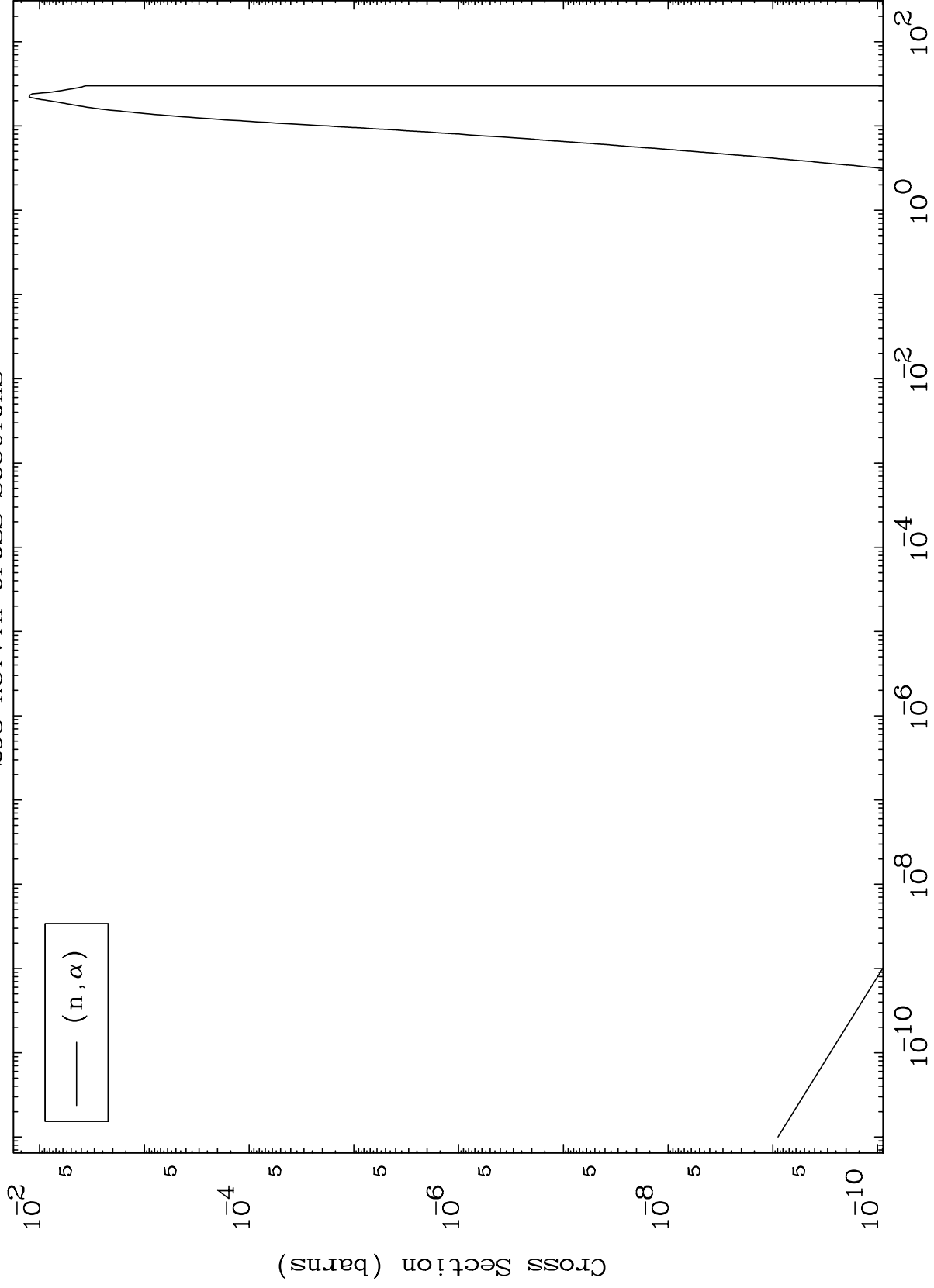
Incident Energy (MeV)

66-Dy-164

MAT 6649

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

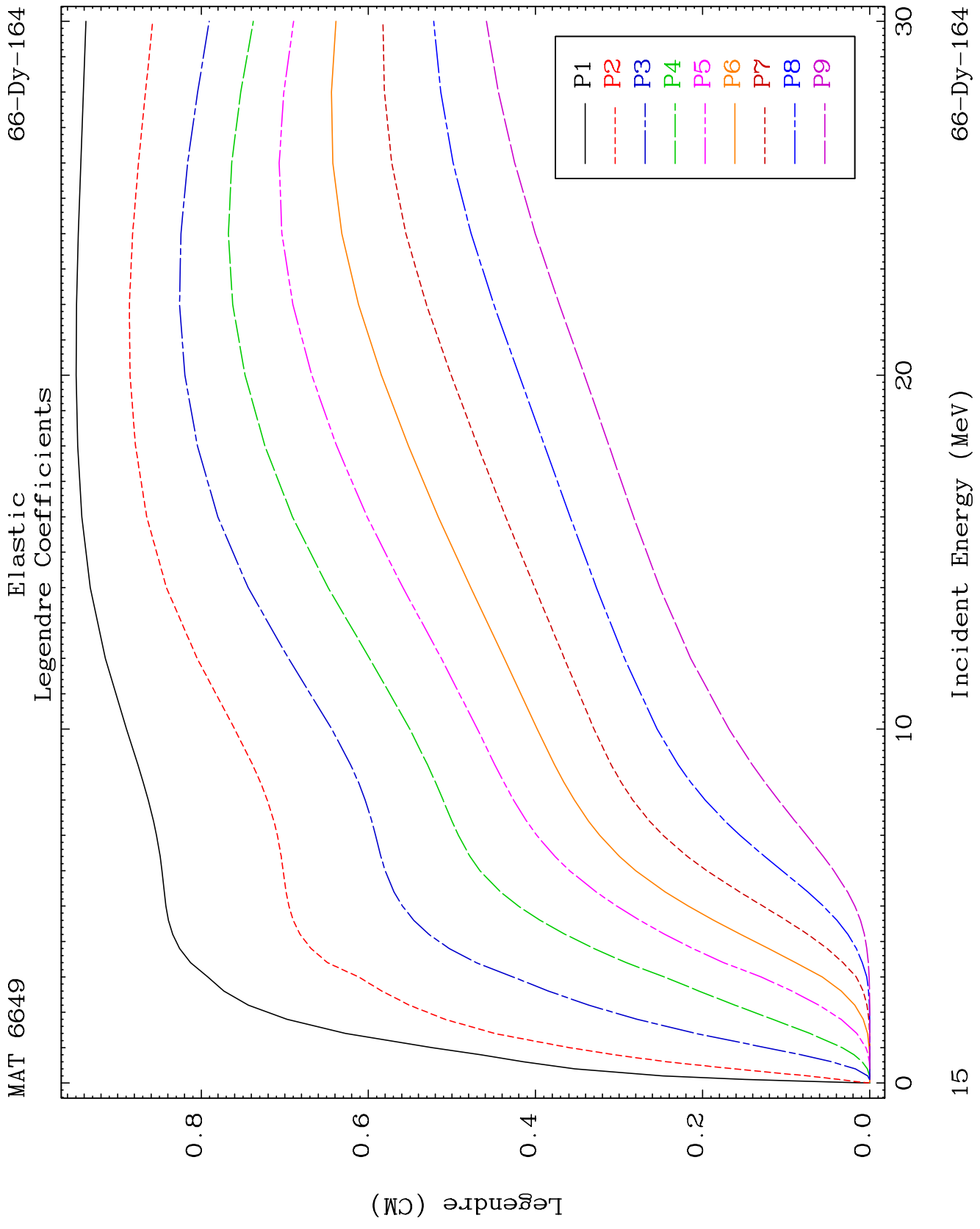
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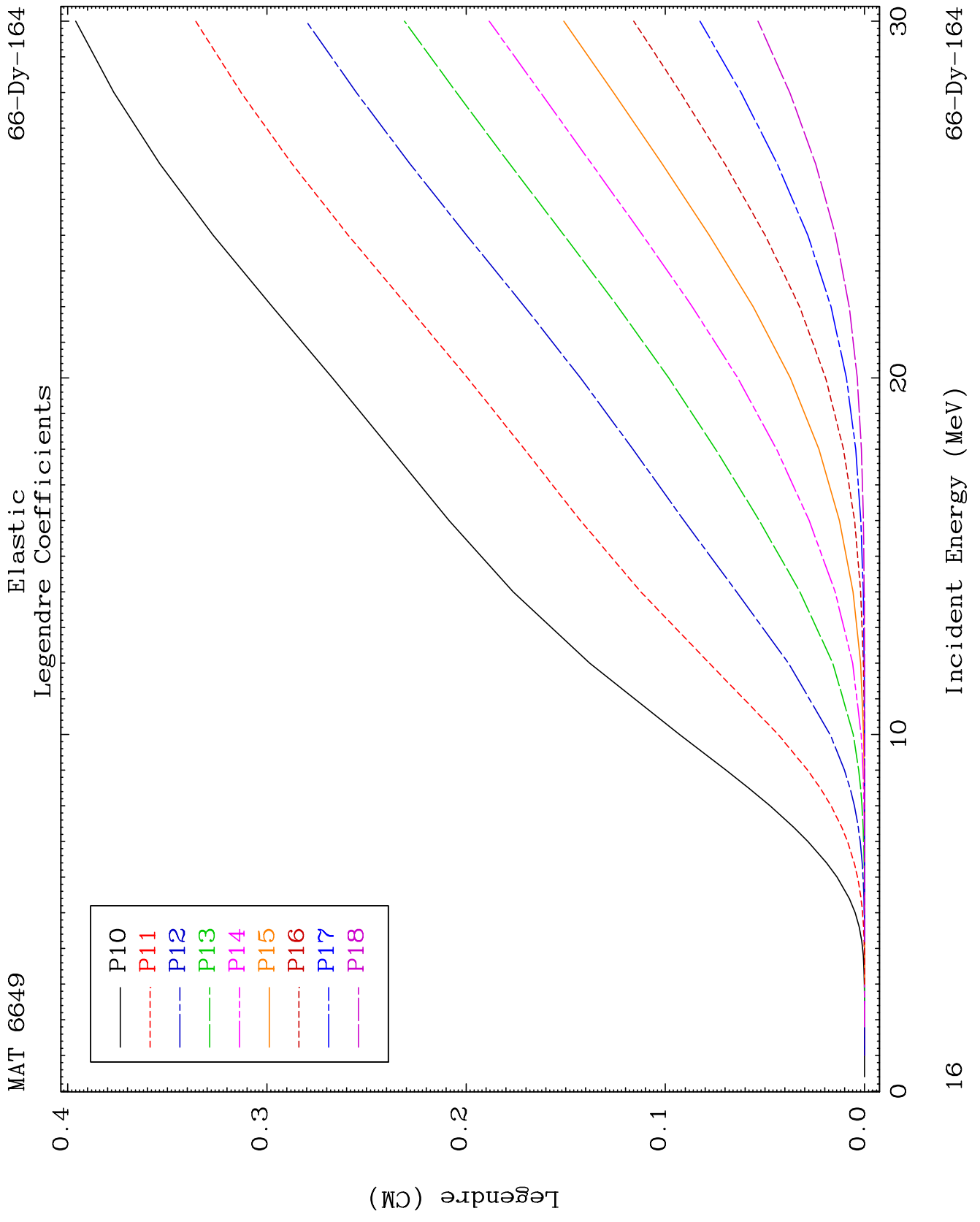
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Incident Energy (MeV)

66-Dy-164



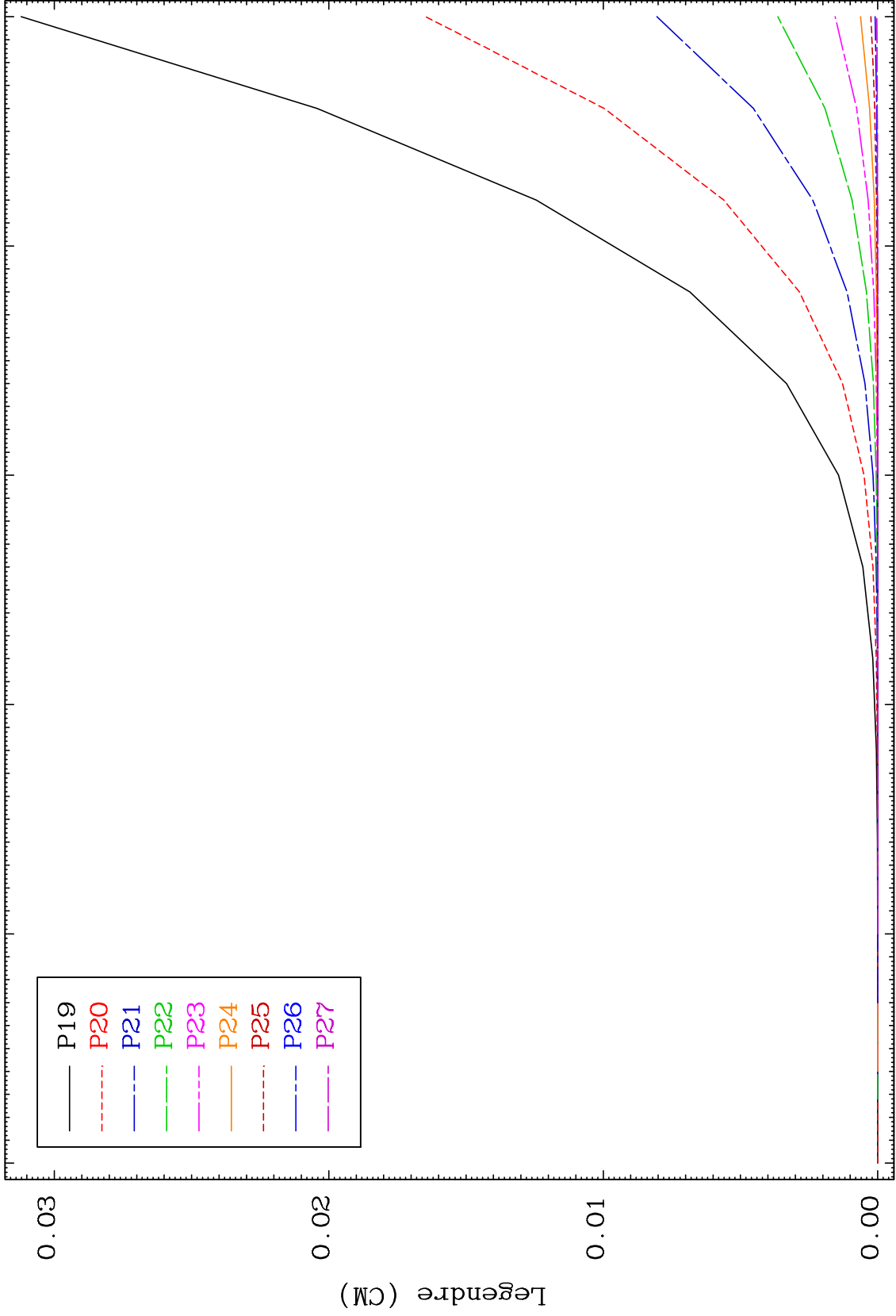




MAT 6649

Elastic  
Legendre Coefficients

66-Dy-164



17

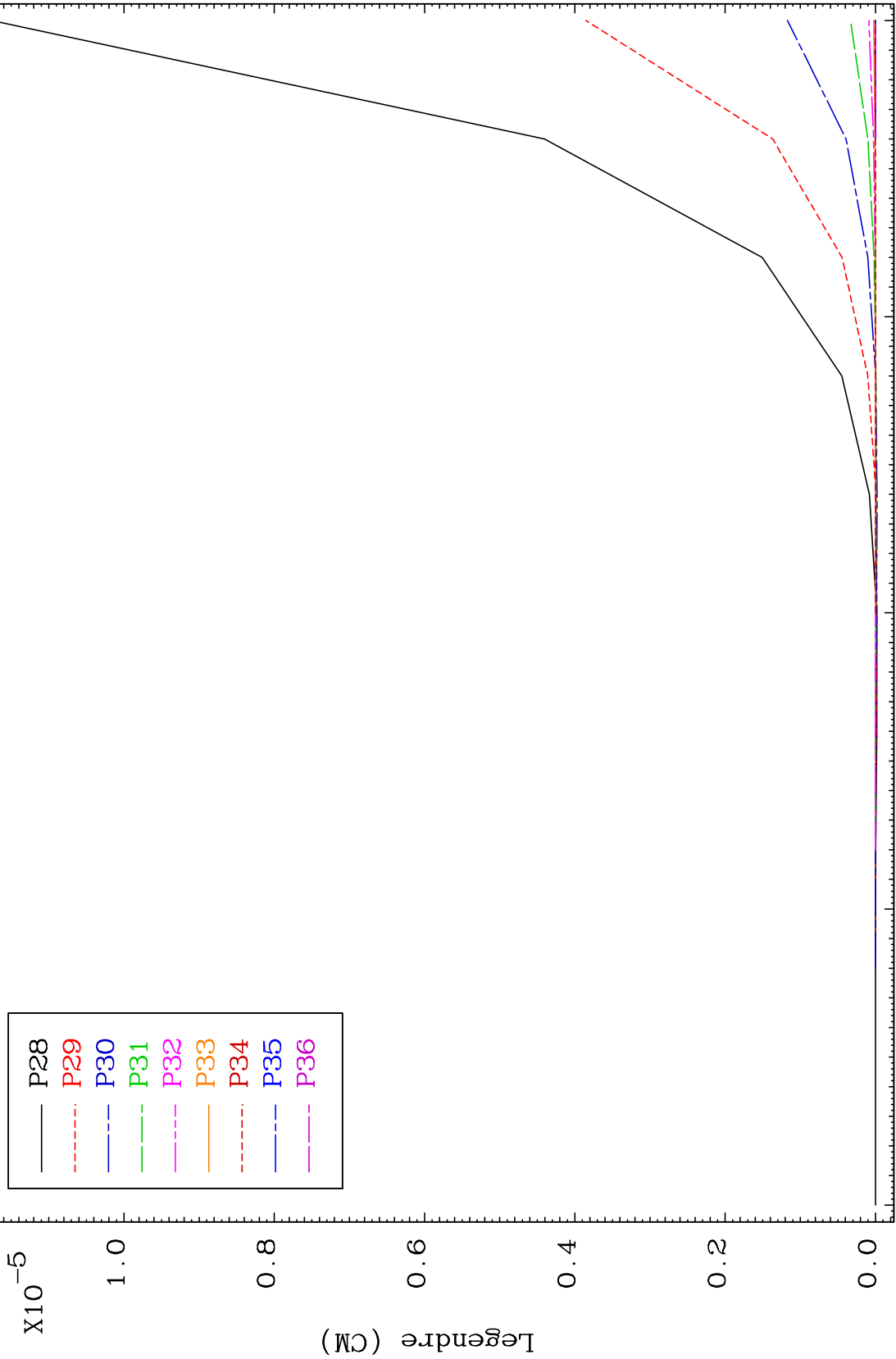
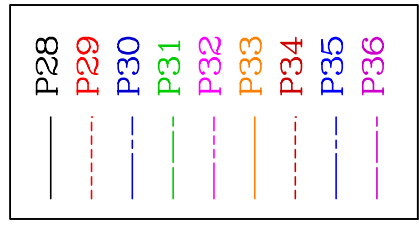
Incident Energy (MeV)

66-Dy-164

MAT 6649

Elastic Legendre Coefficients

66-Dy-164



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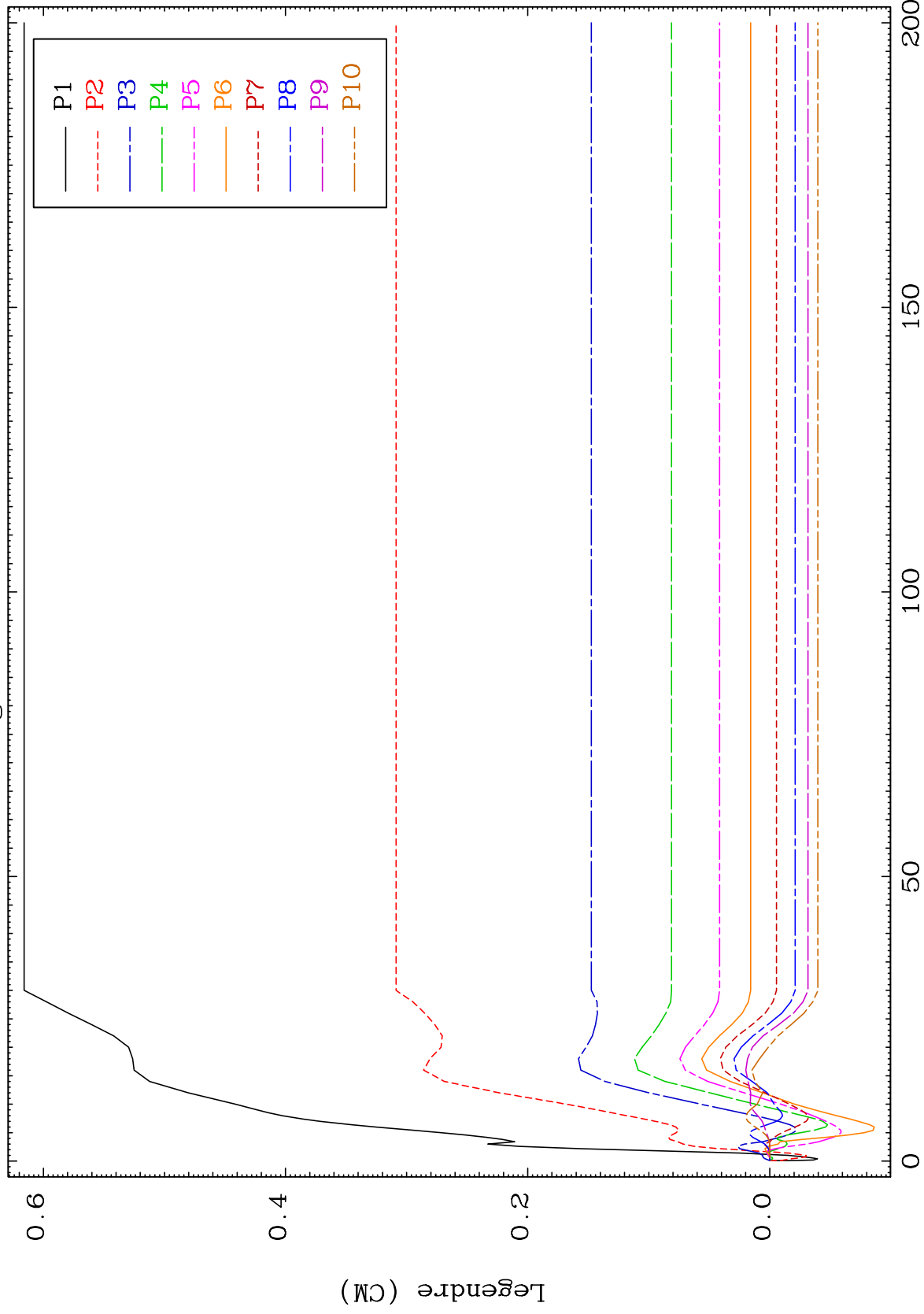
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



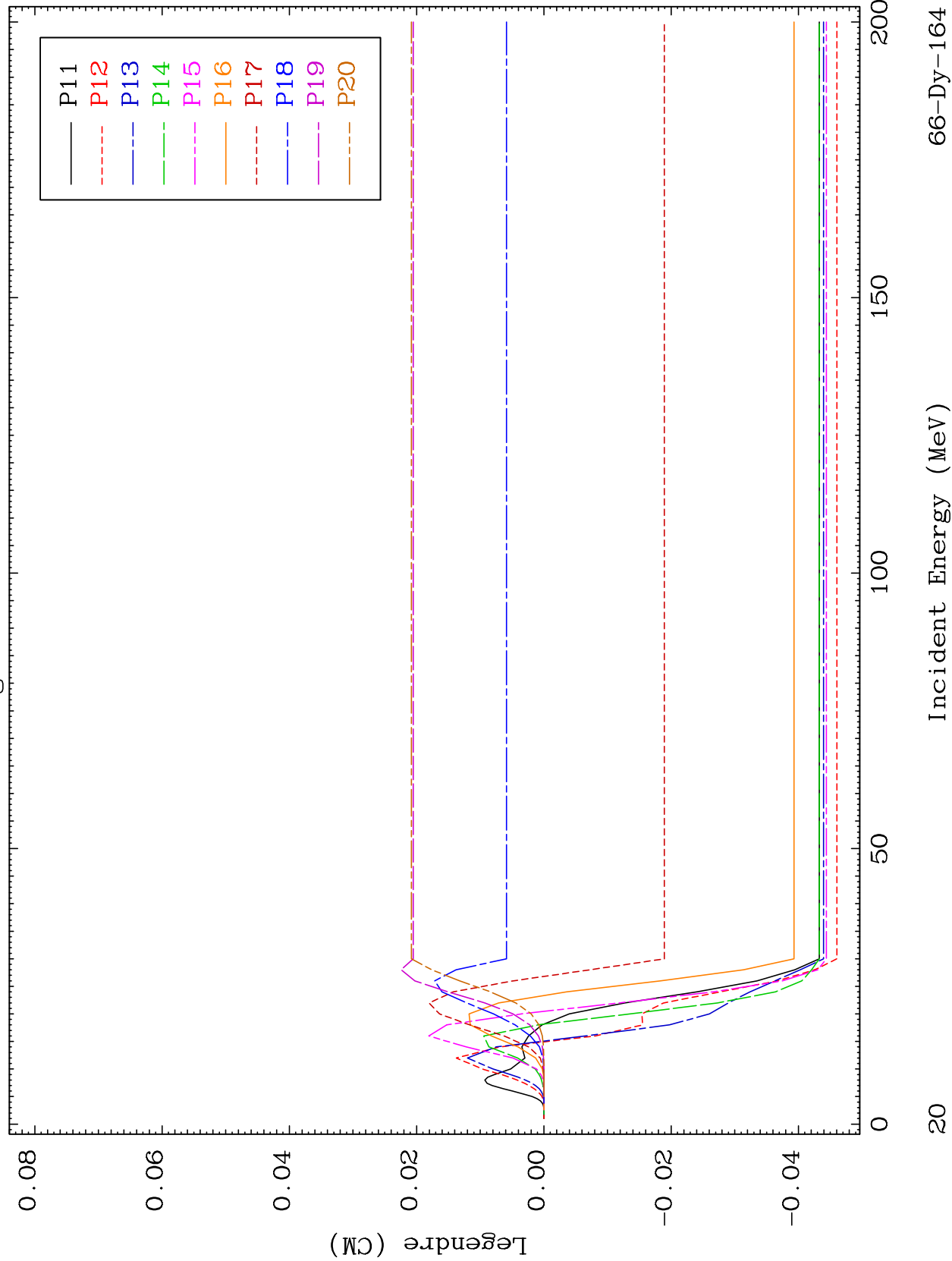
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66-Dy-164

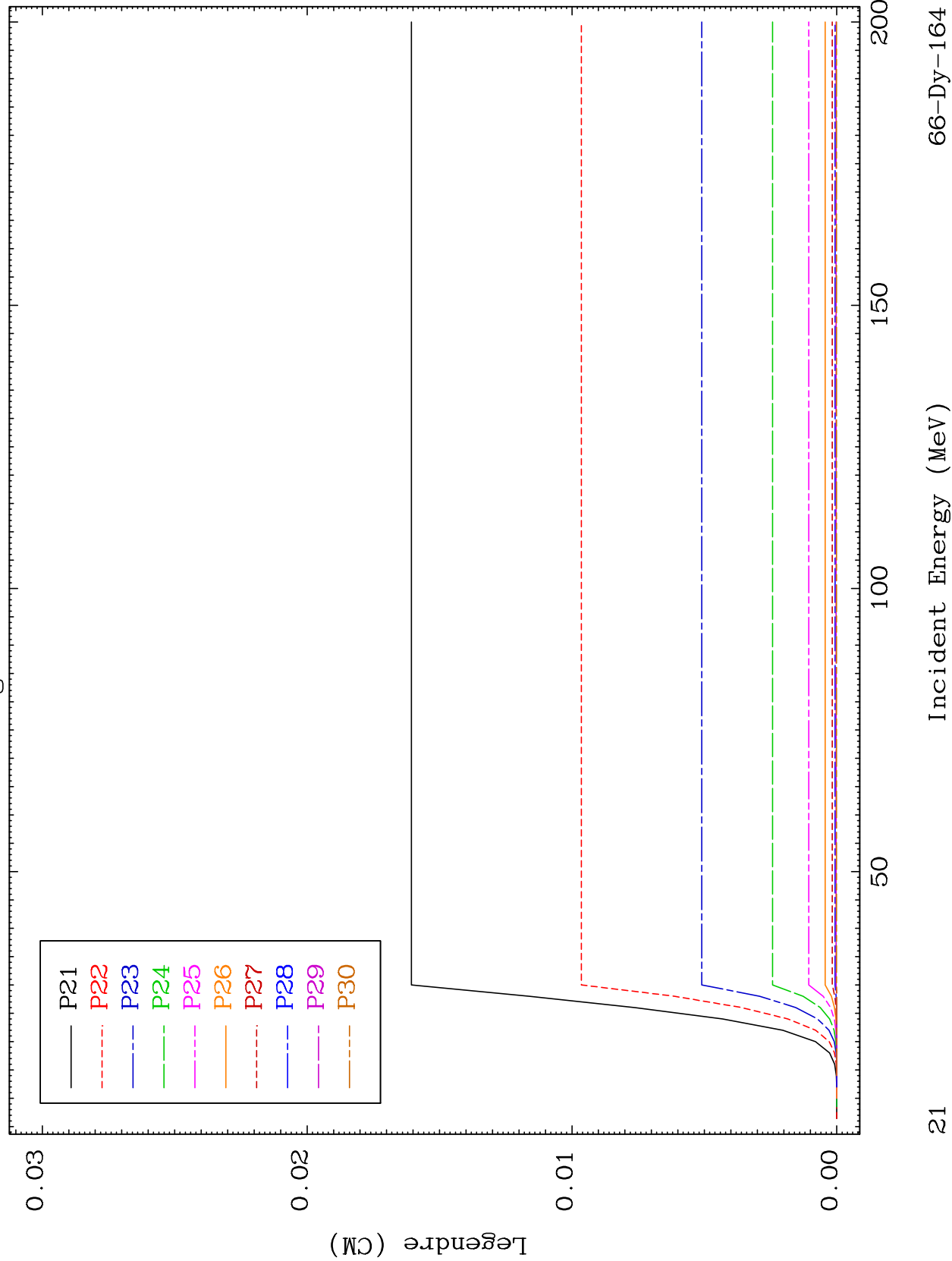
MAT 6649

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

66-Dy-164



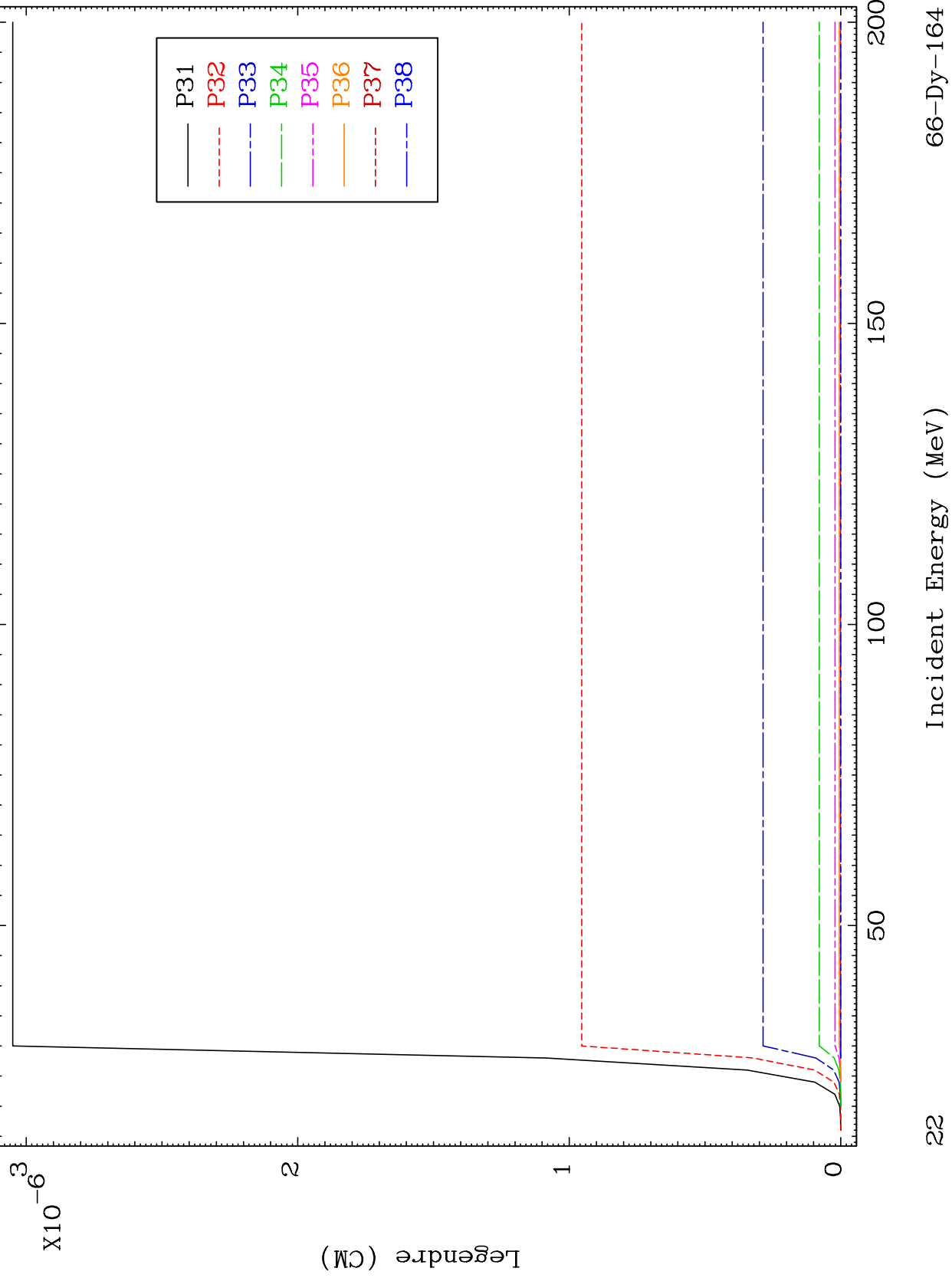
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MAT 6649

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

66-Dy-164



22

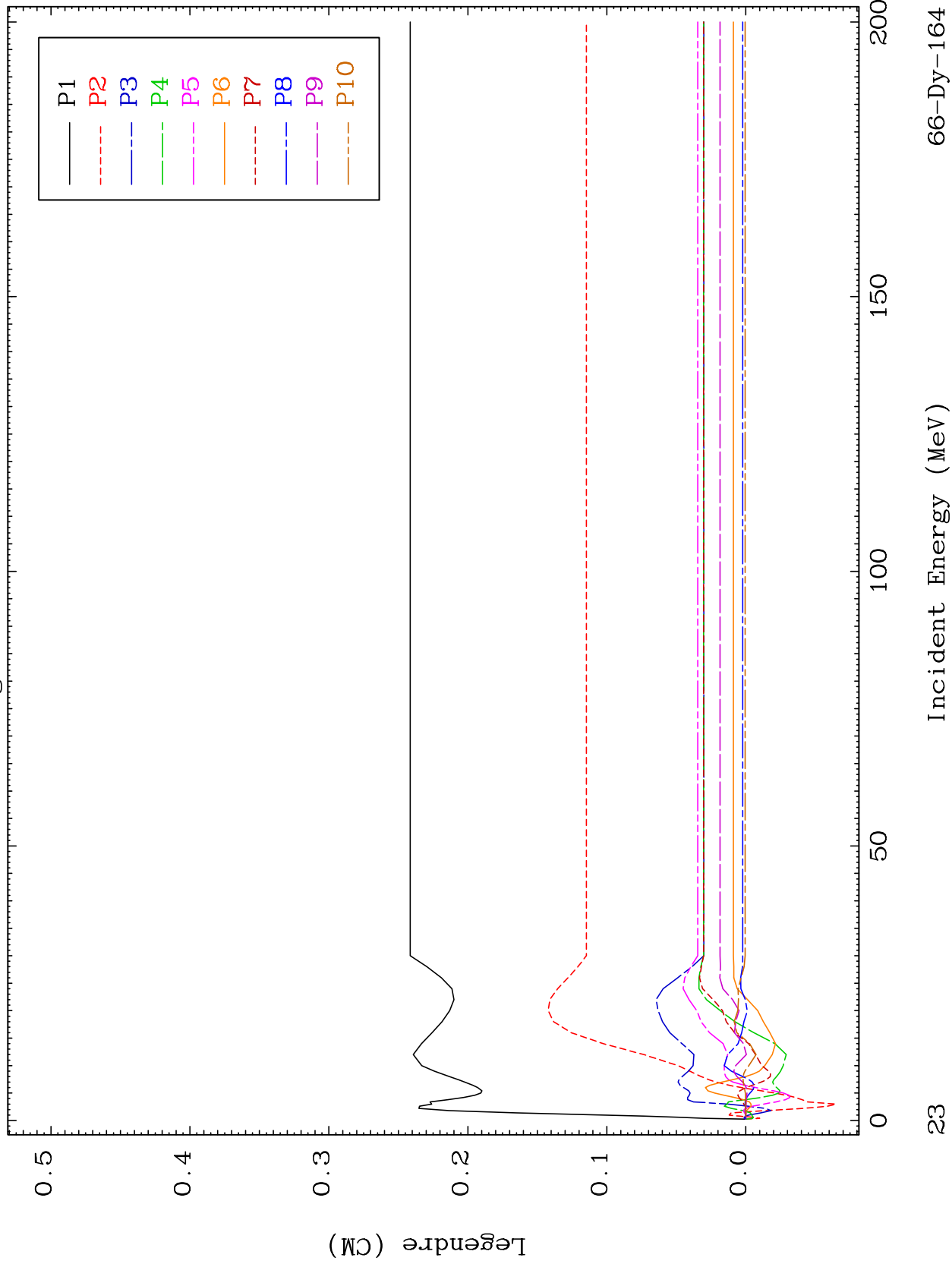
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

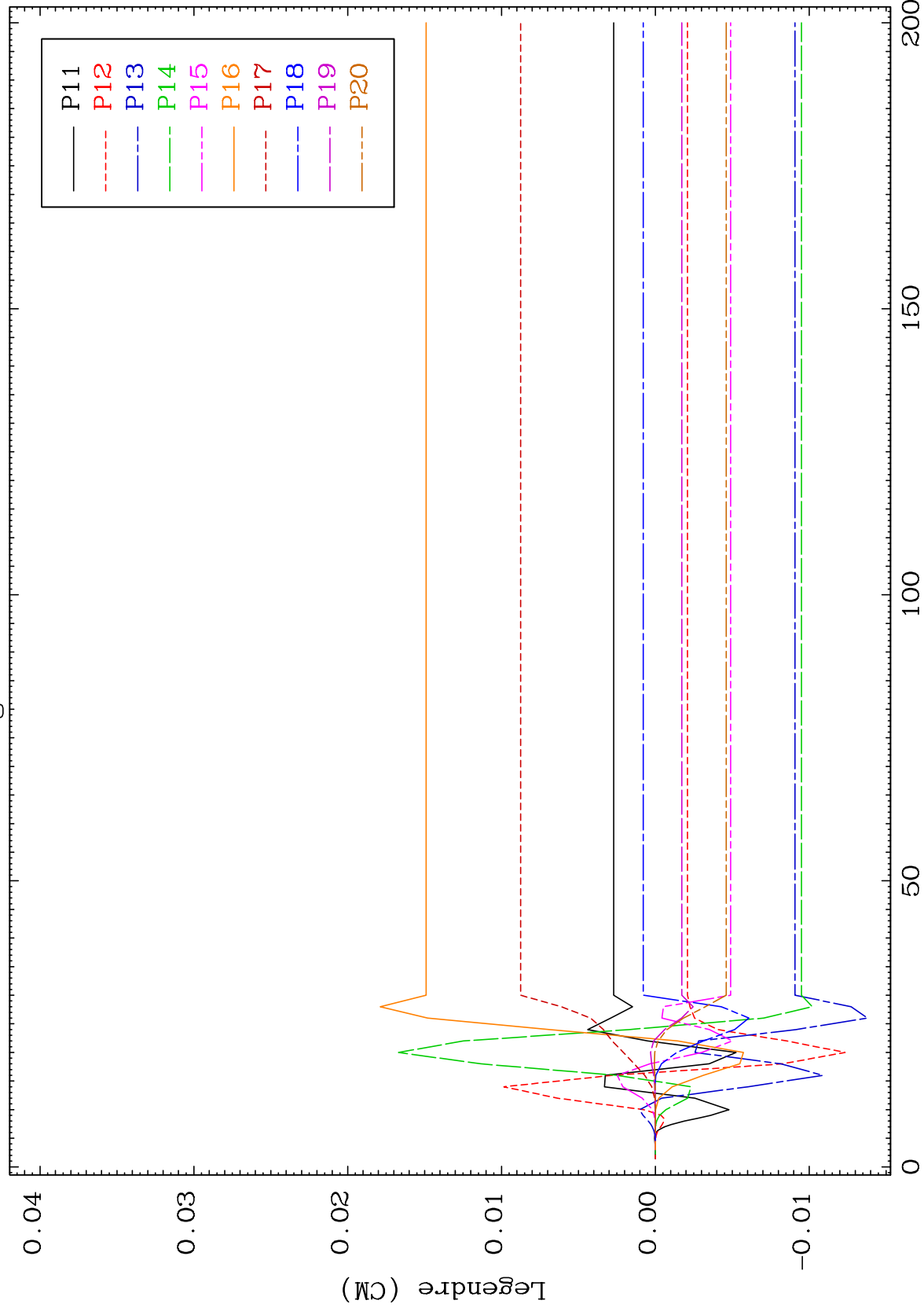




MAT 6649

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

66-Dy-164



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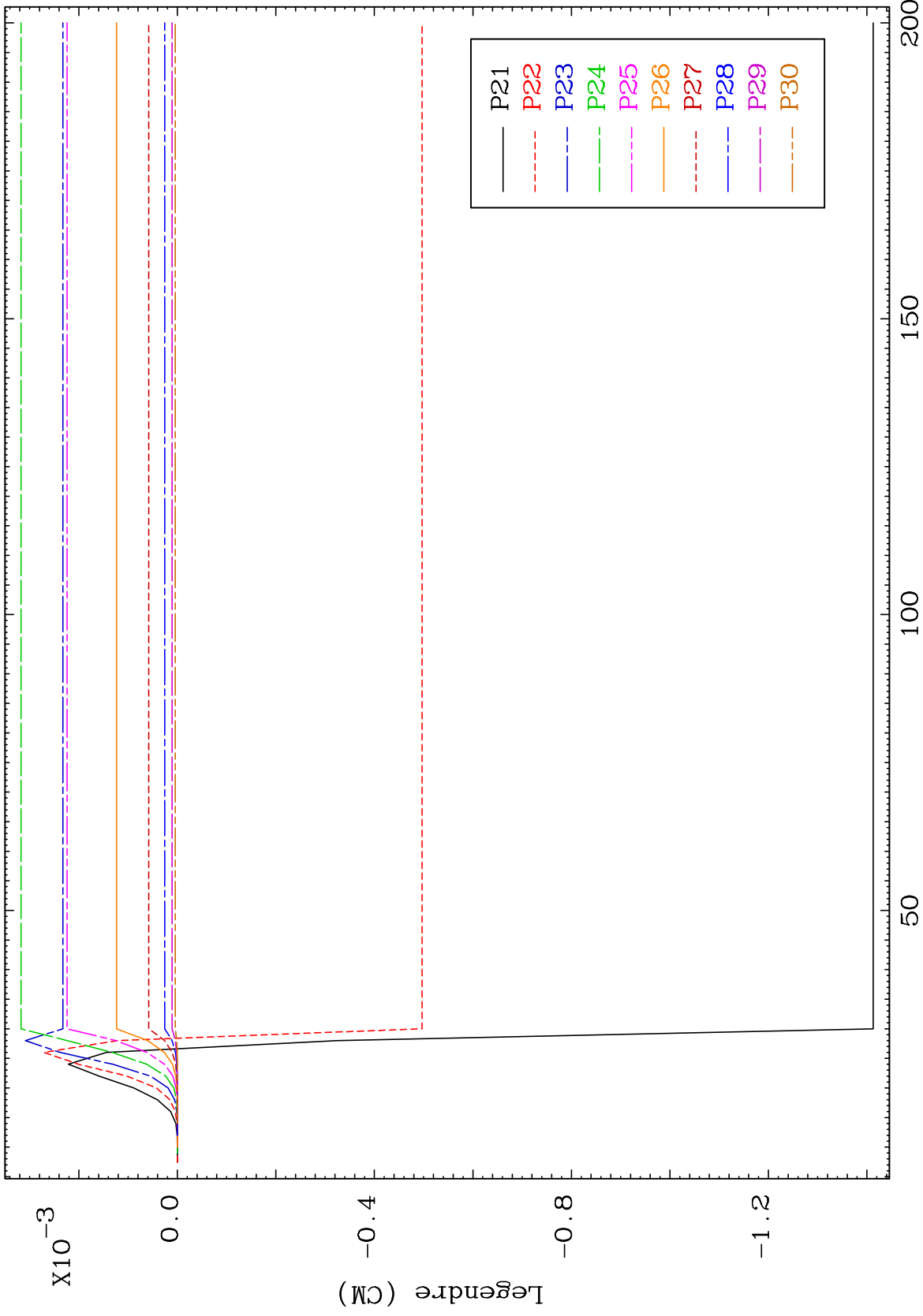
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



25

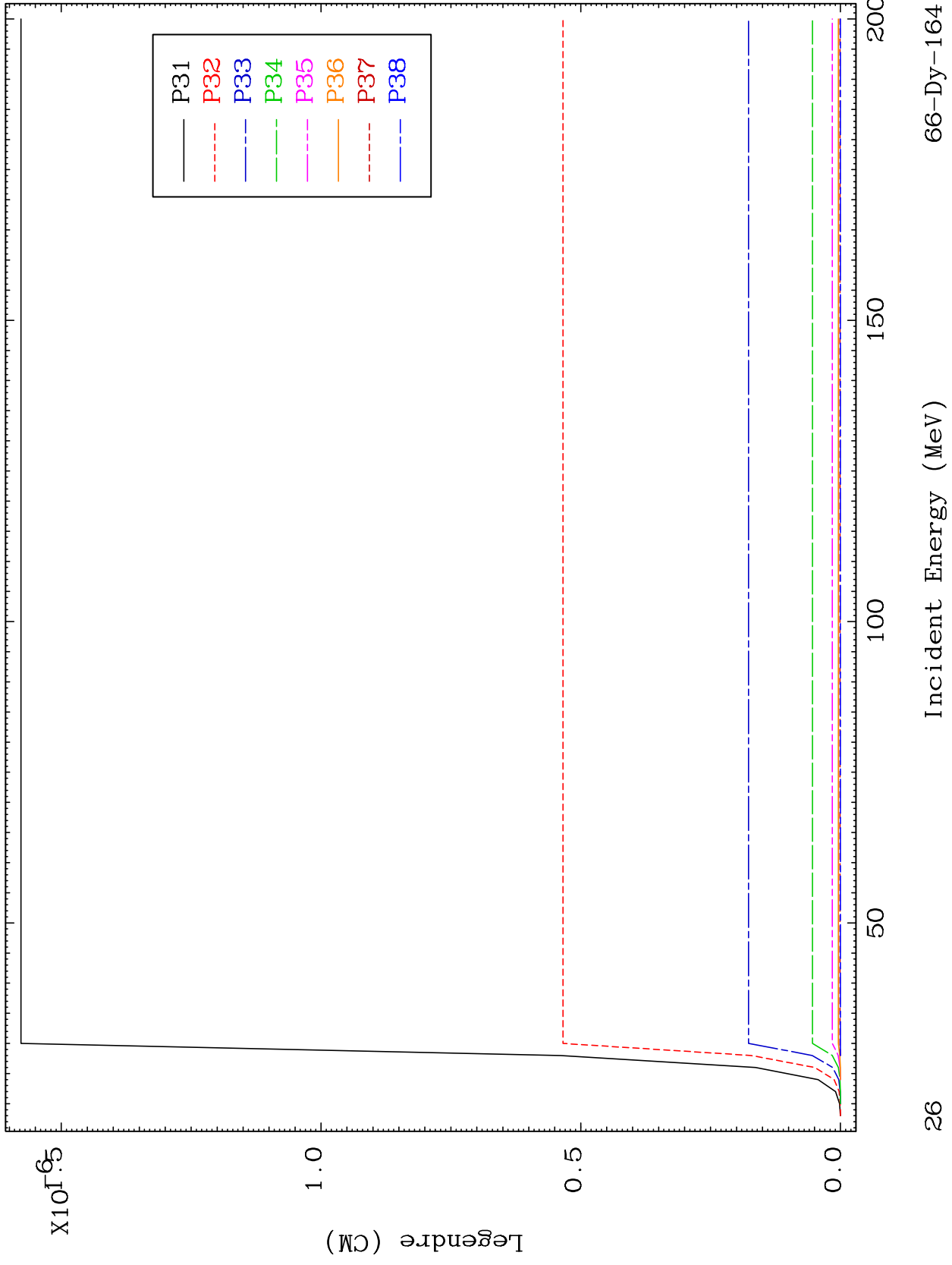
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164

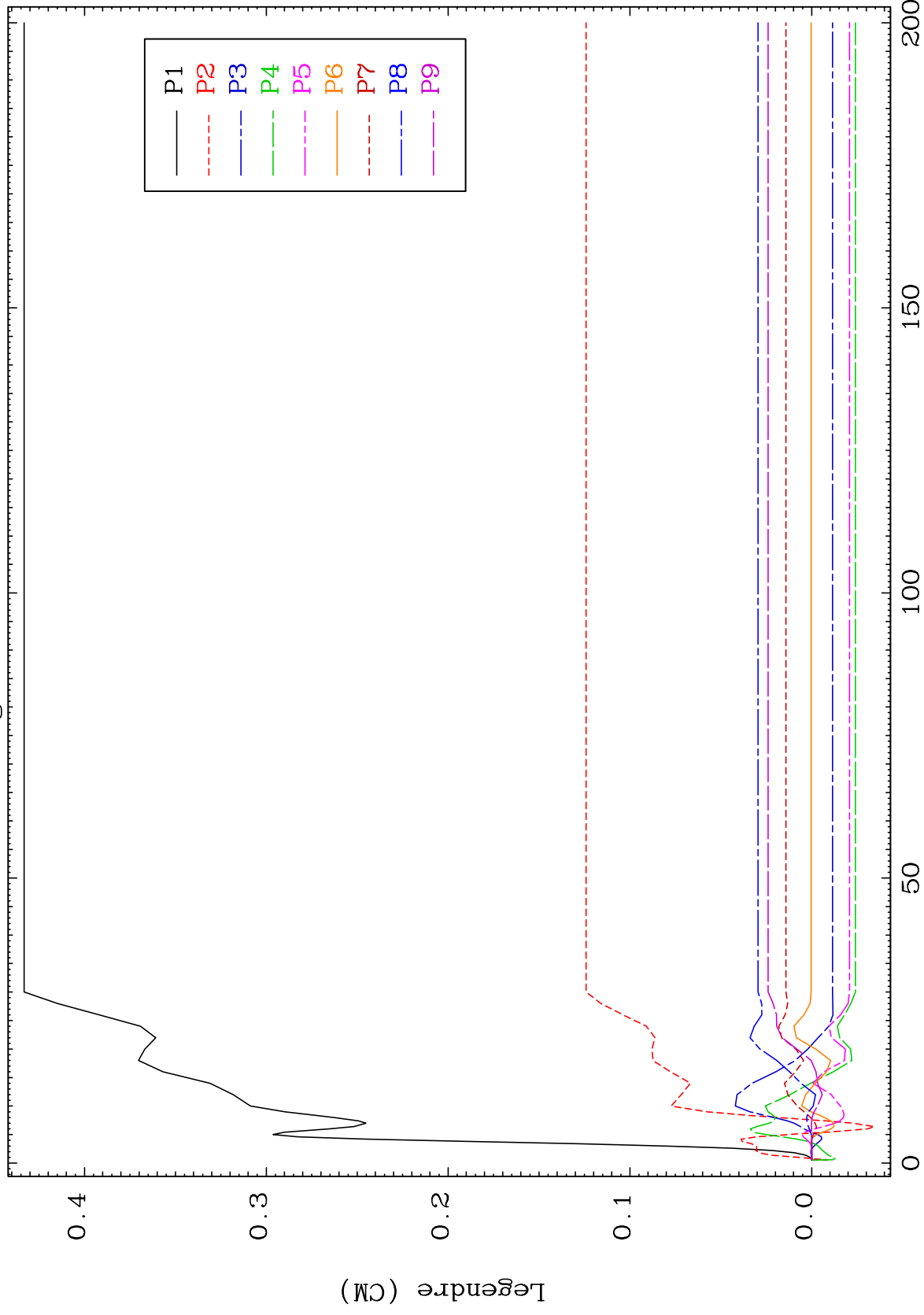


26

MAT 6649

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

66-Dy-164



27

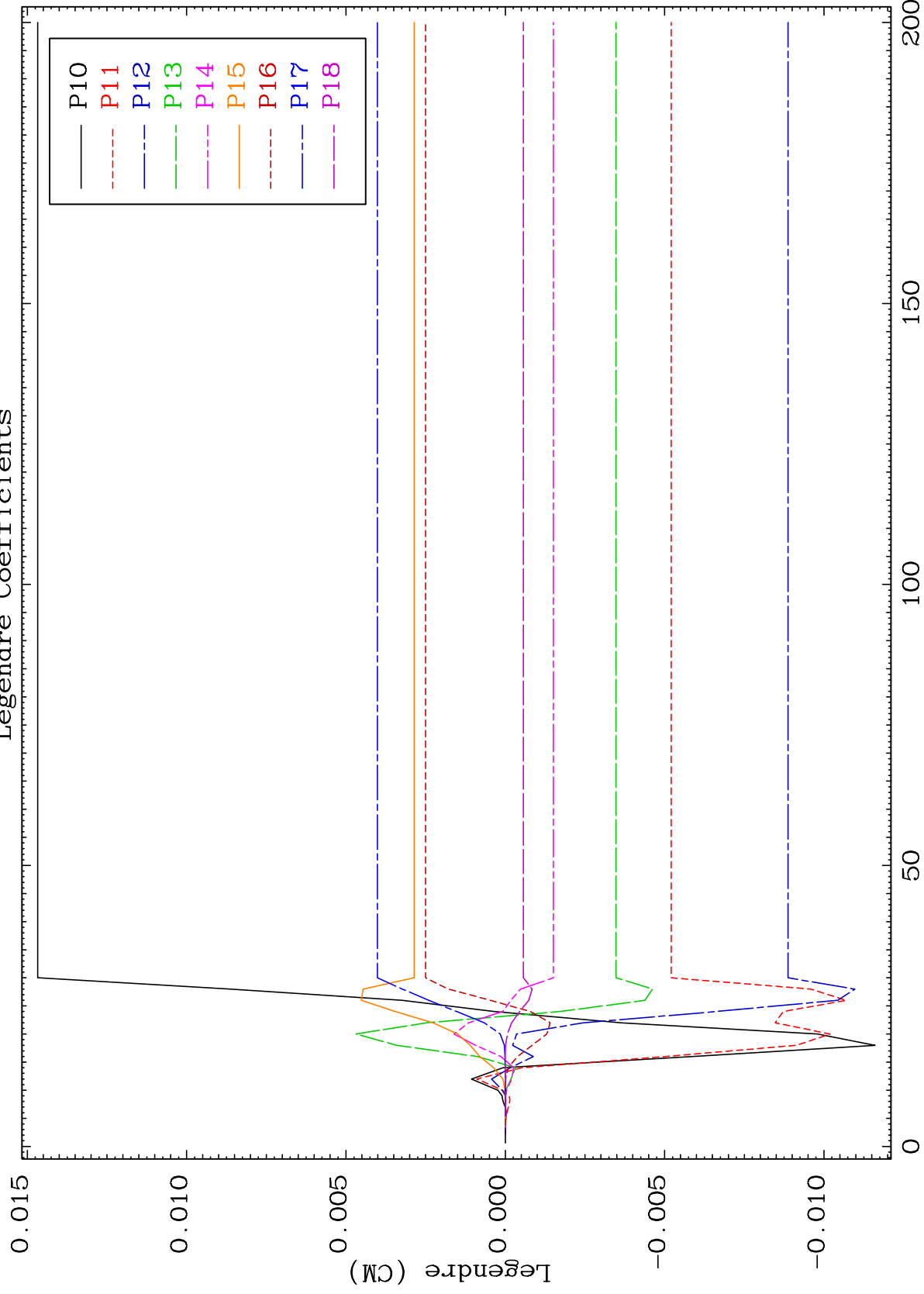
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

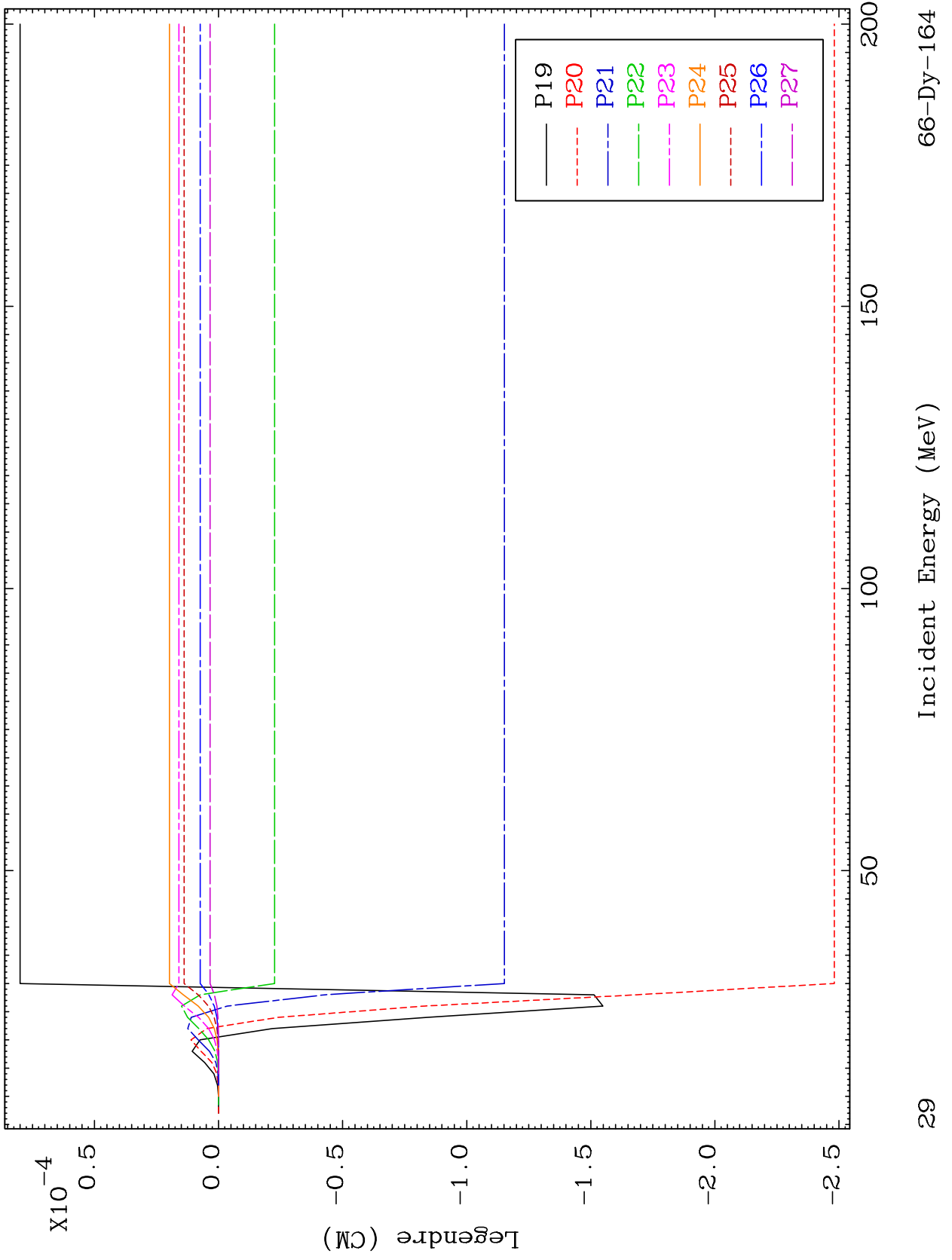
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Incident Energy (MeV)

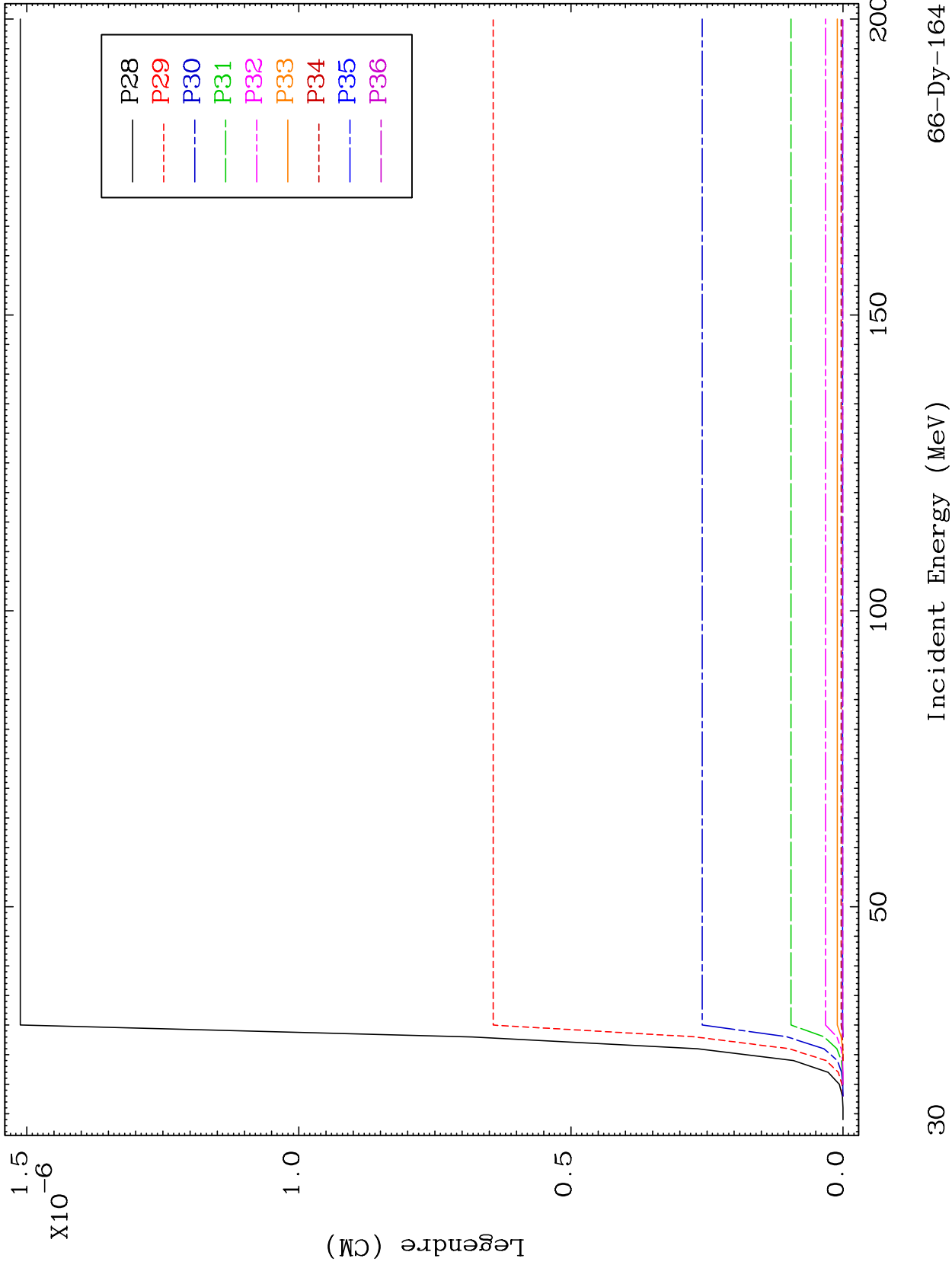
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MAT 6649

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

66-Dy-164



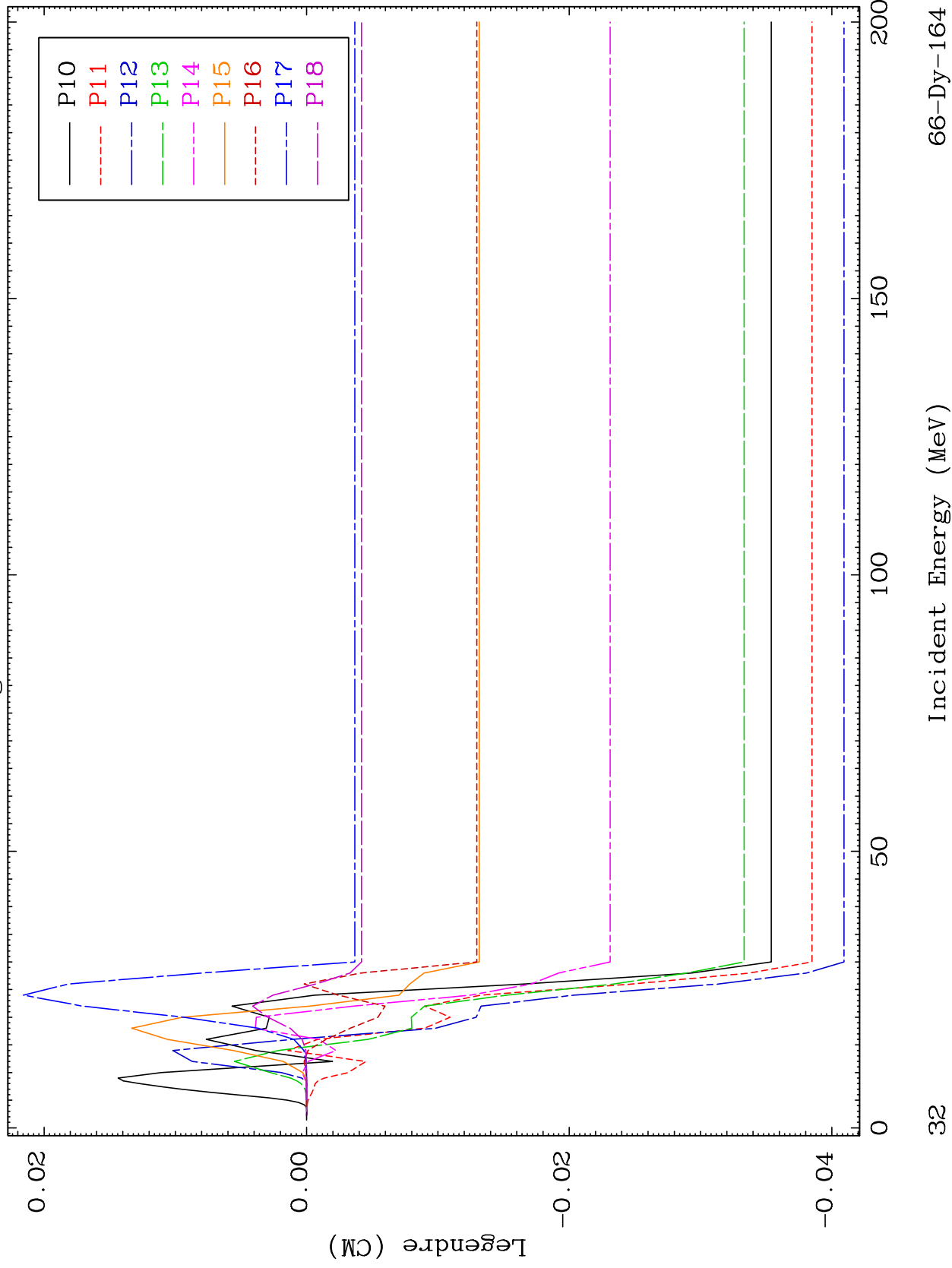




MAT 6649

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

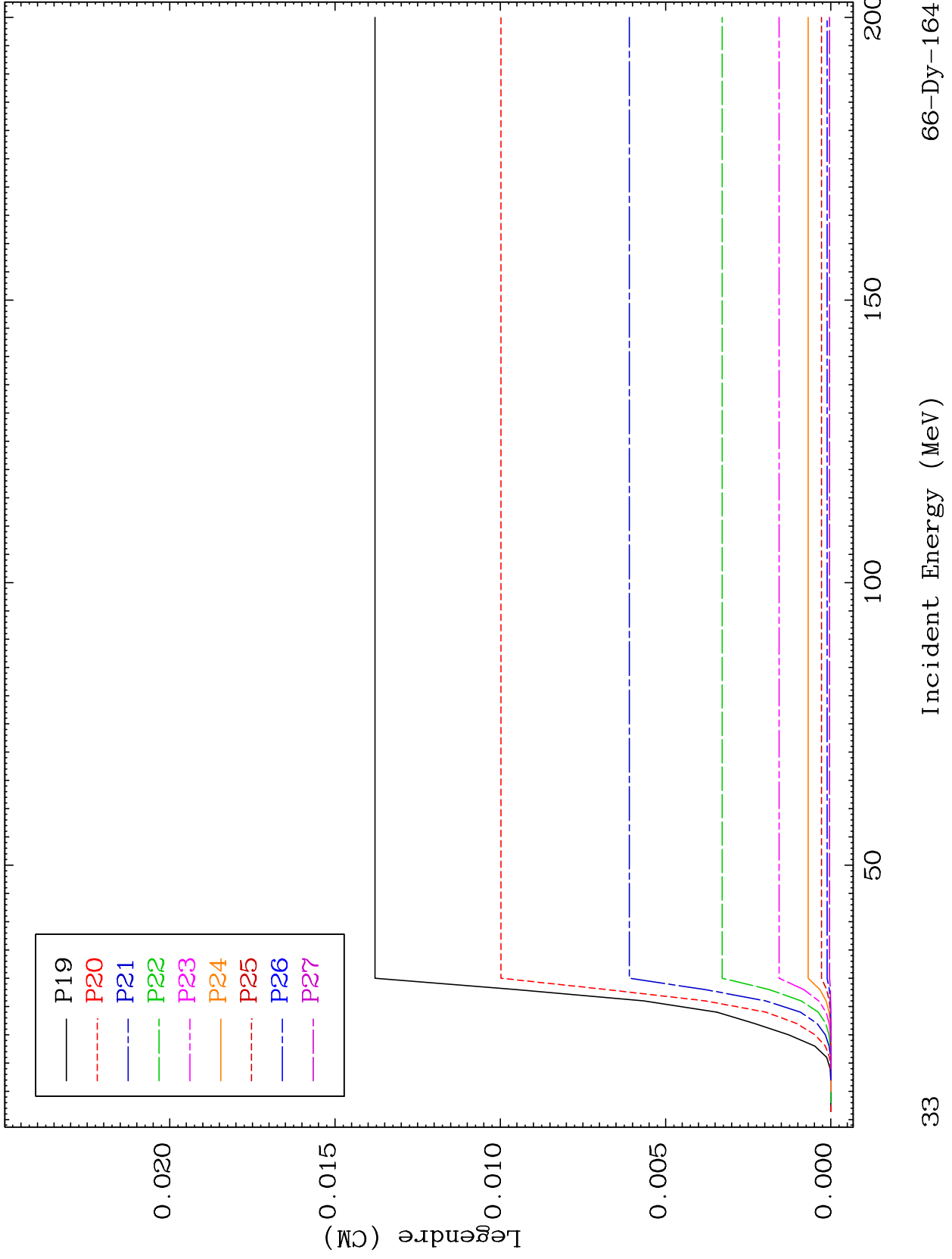
66-Dy-164



66-Dy-164

Incident Energy (MeV)

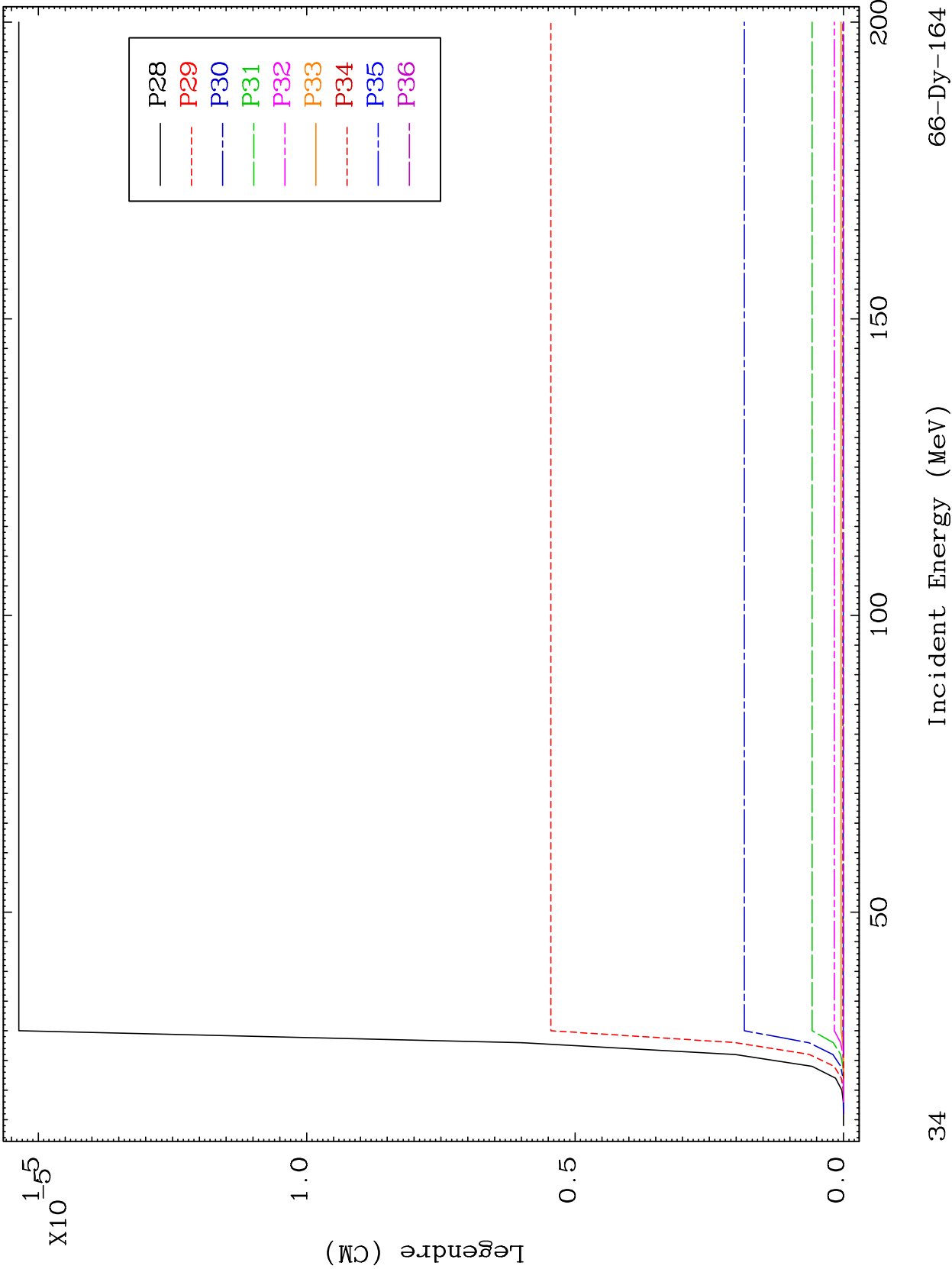
32



MAT 6649

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

66-Dy-164



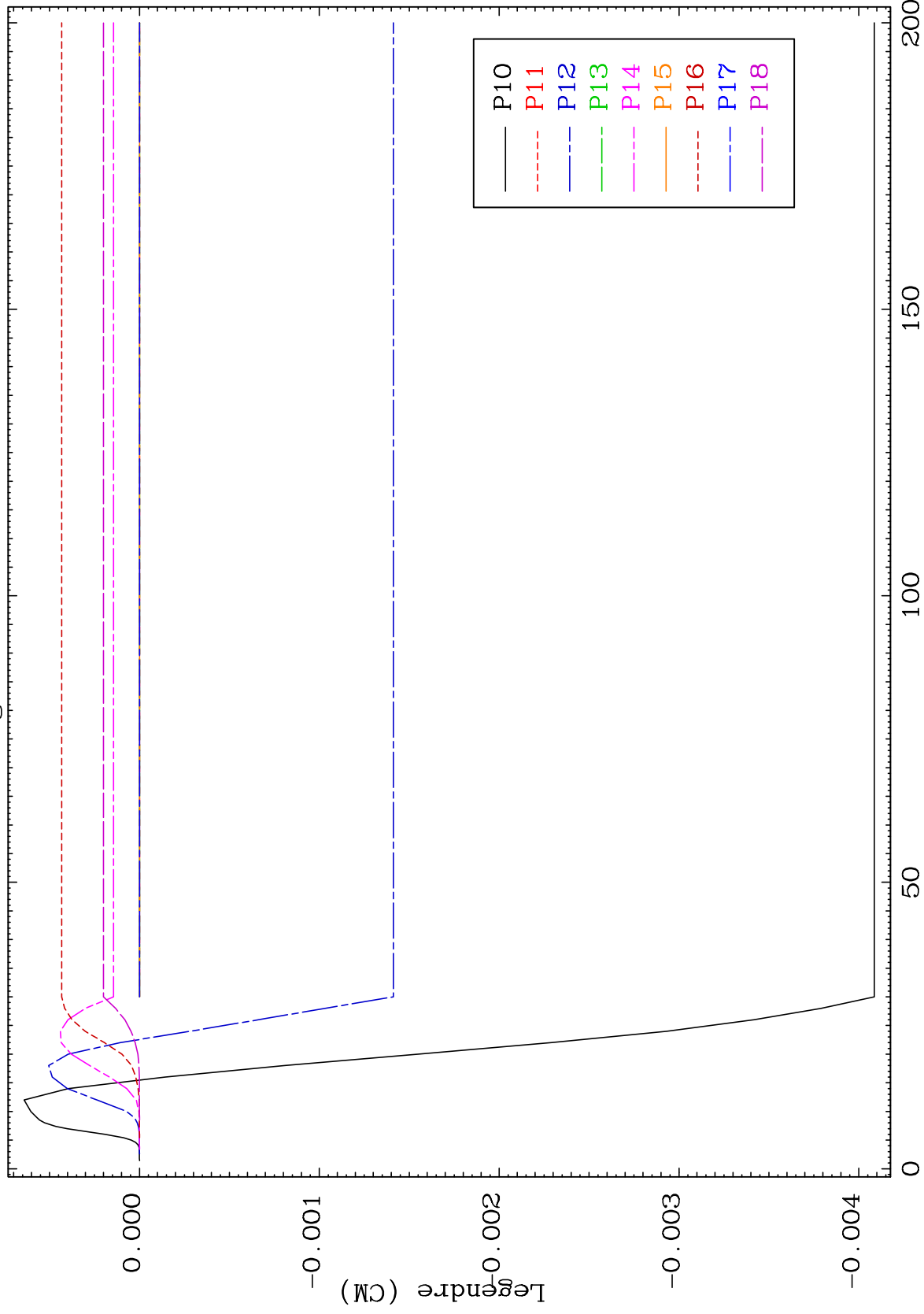
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MAT 6649

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

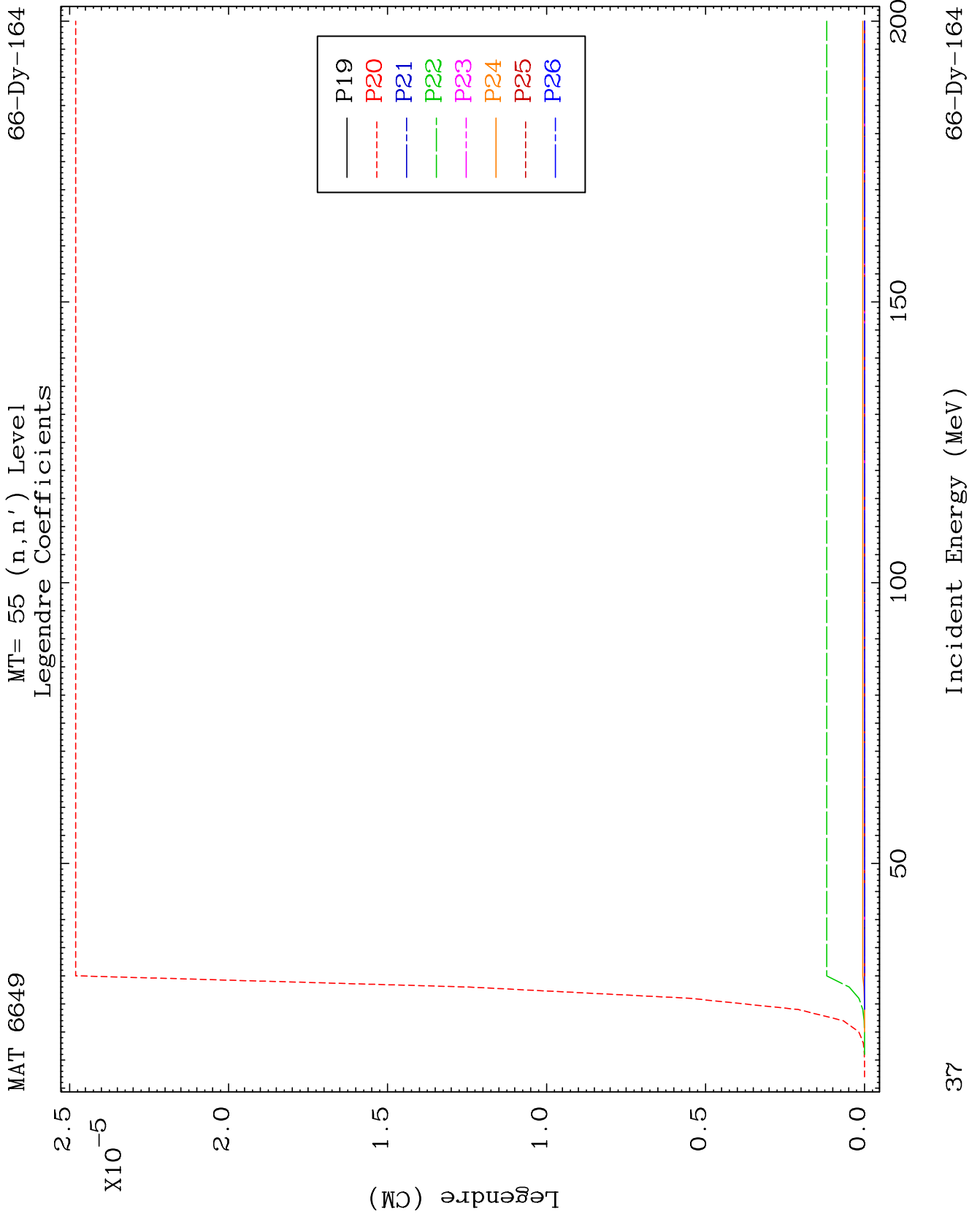
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Incident Energy (MeV)

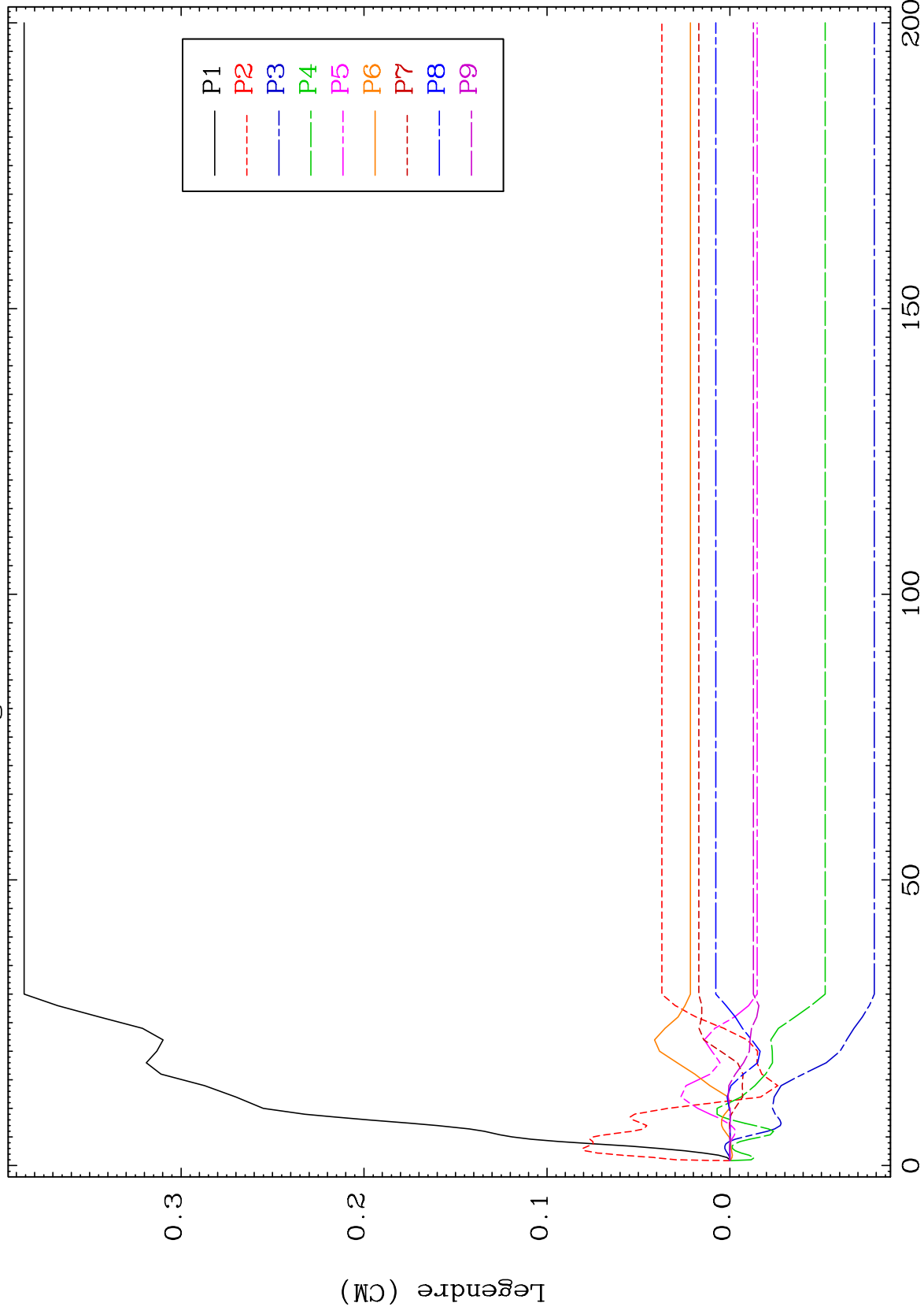
66-Dy-164



MAT 6649

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

66-Dy-164



38

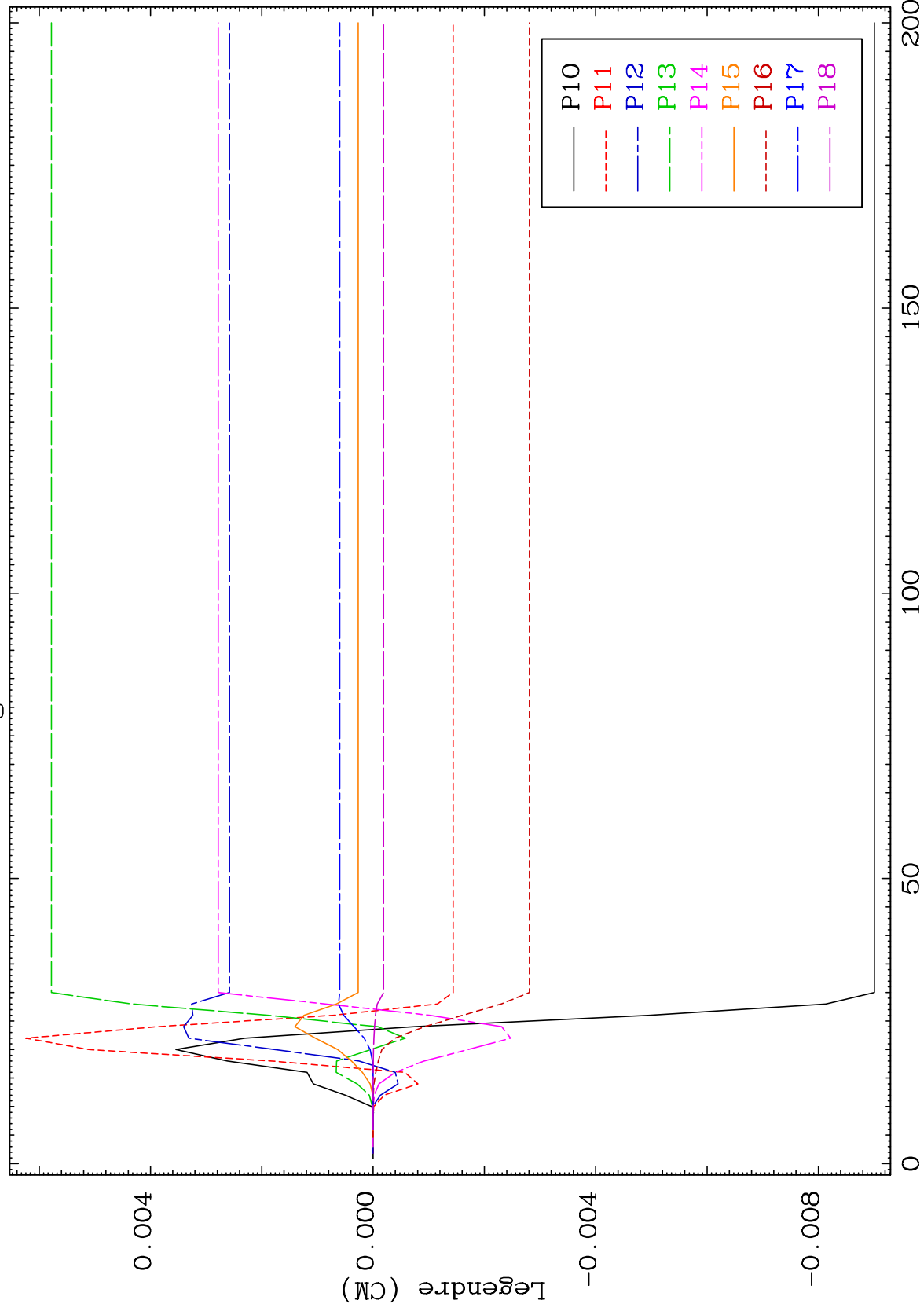
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



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Incident Energy (MeV)

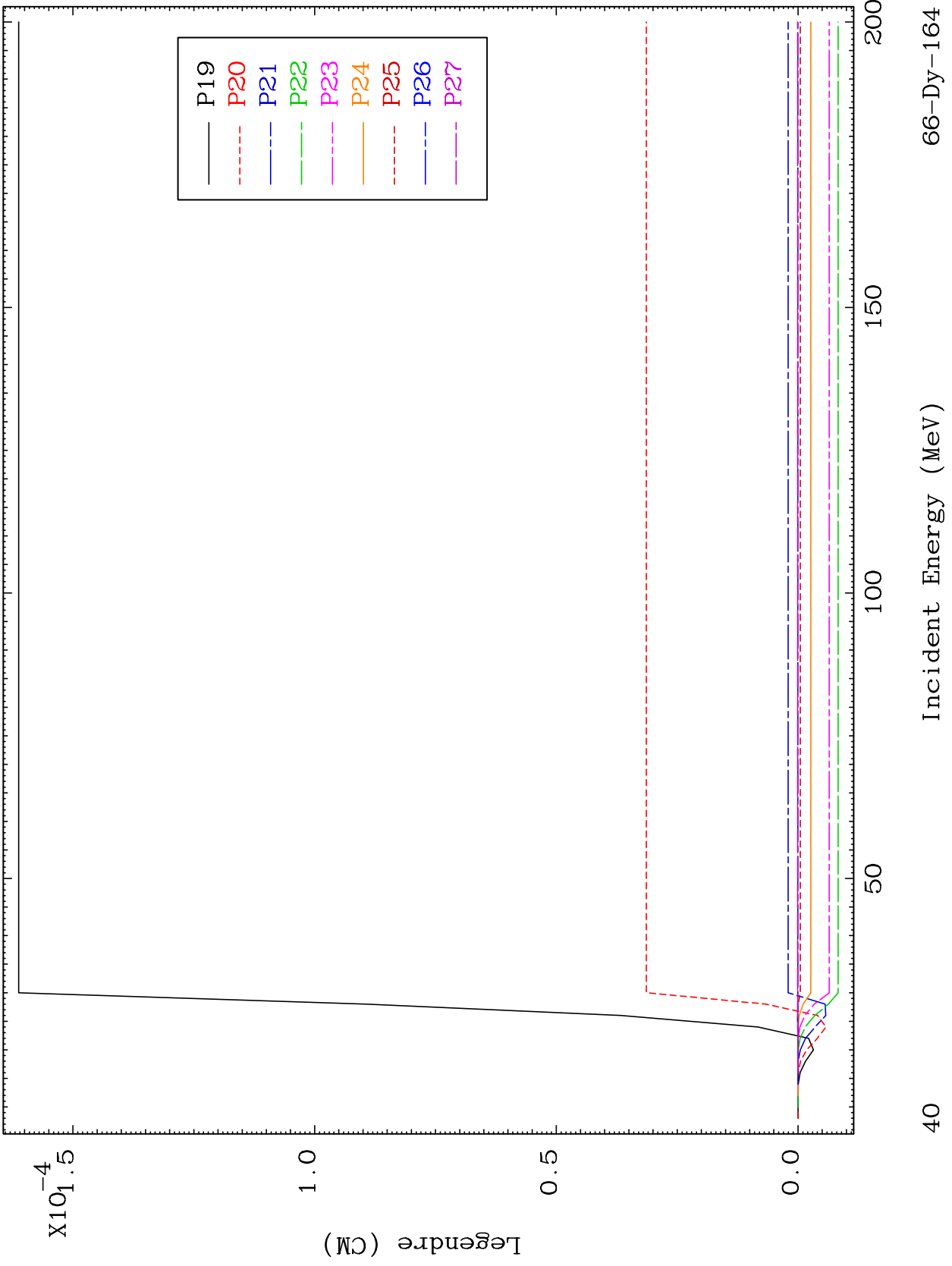
66-Dy-164



MAT 6649

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

66-Dy-164



40

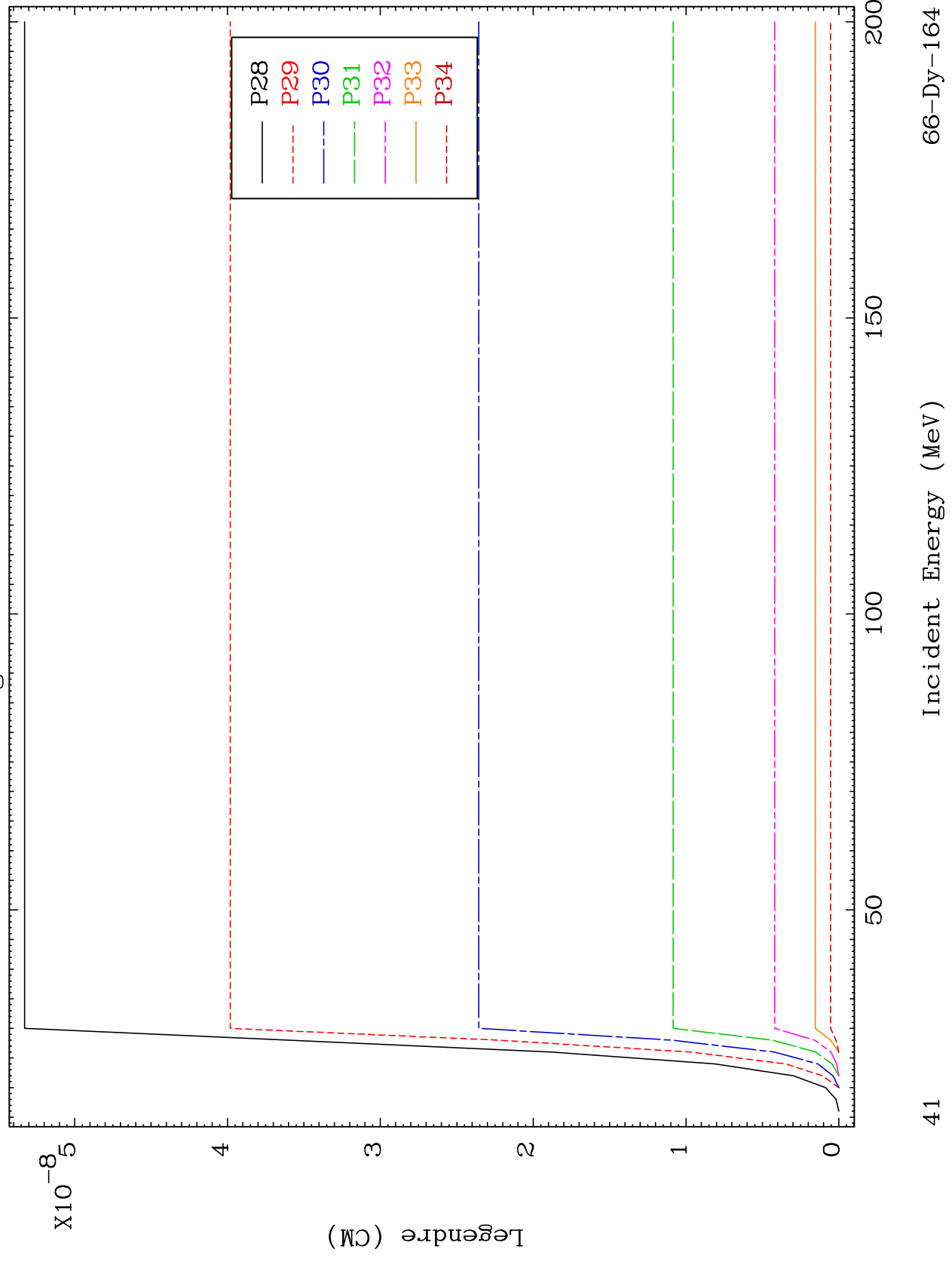
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



41

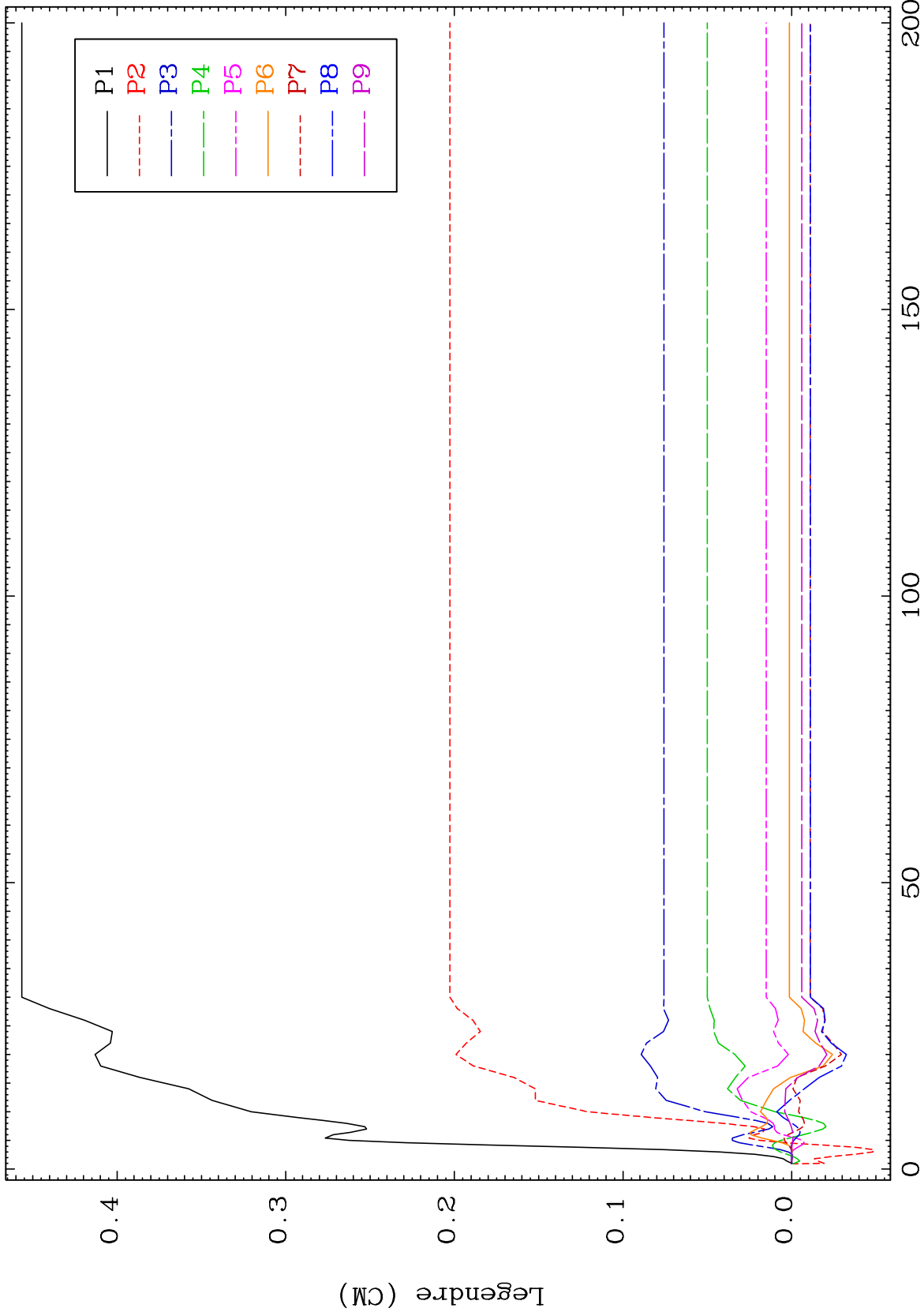
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



42

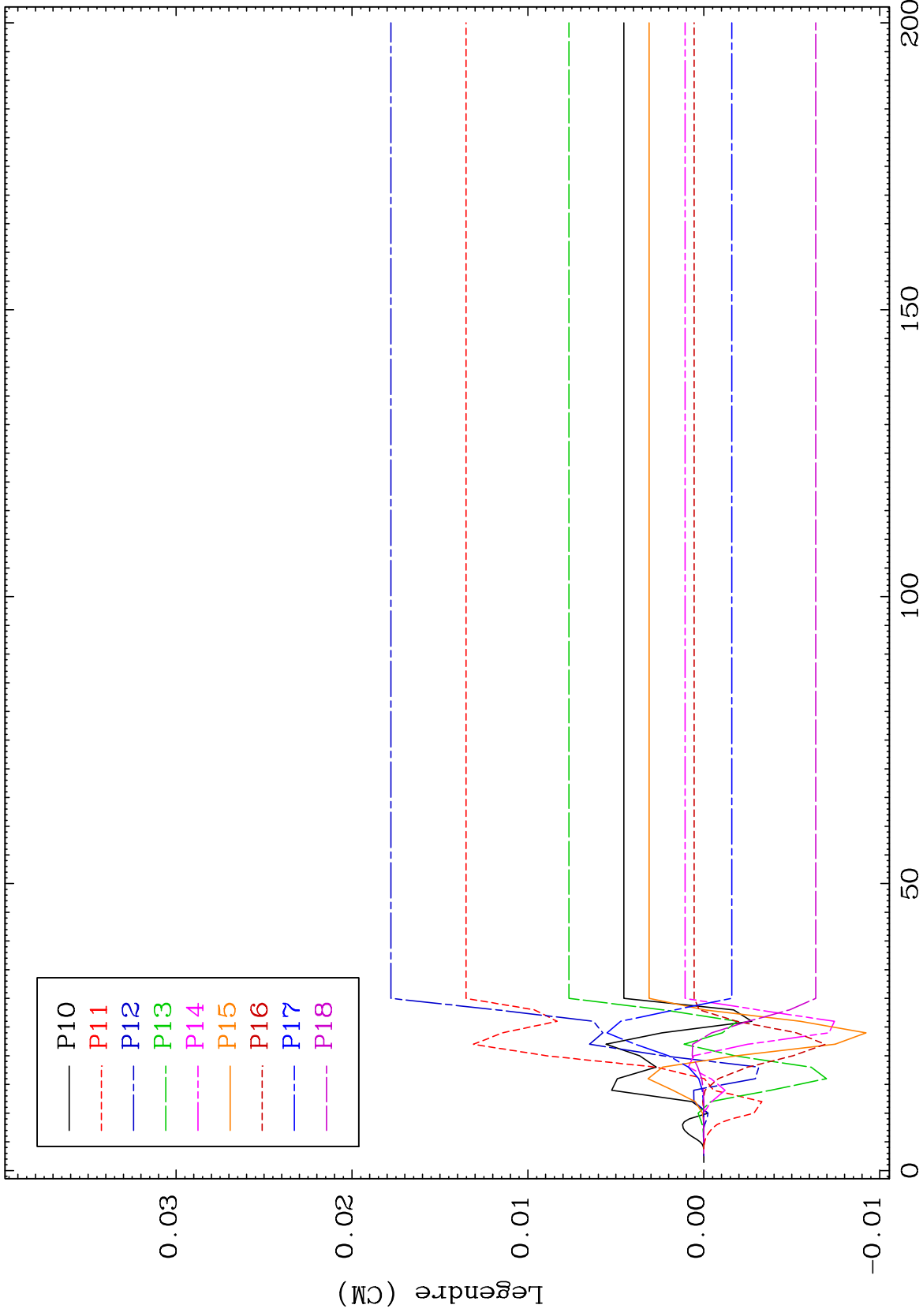
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



43

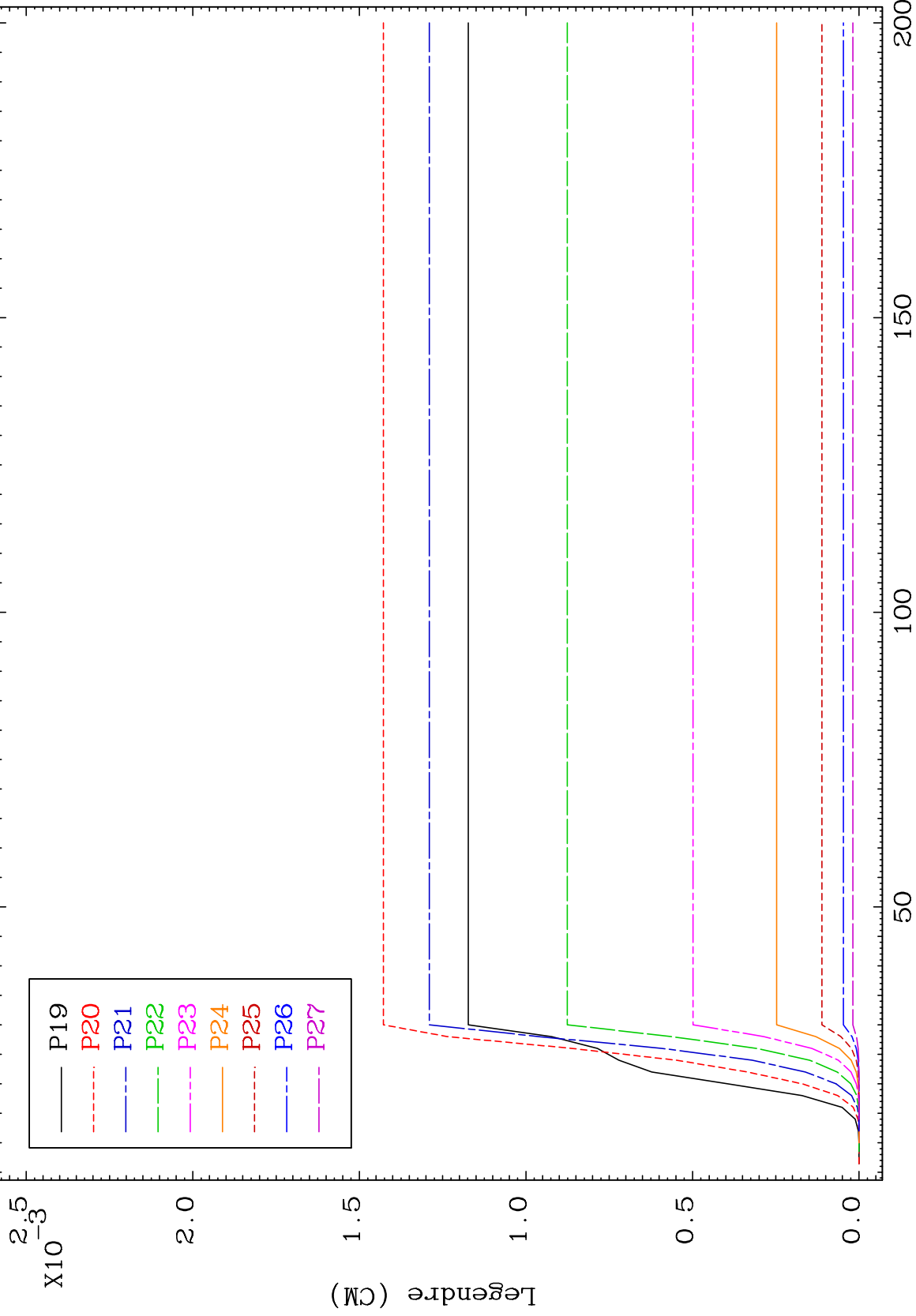
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



44

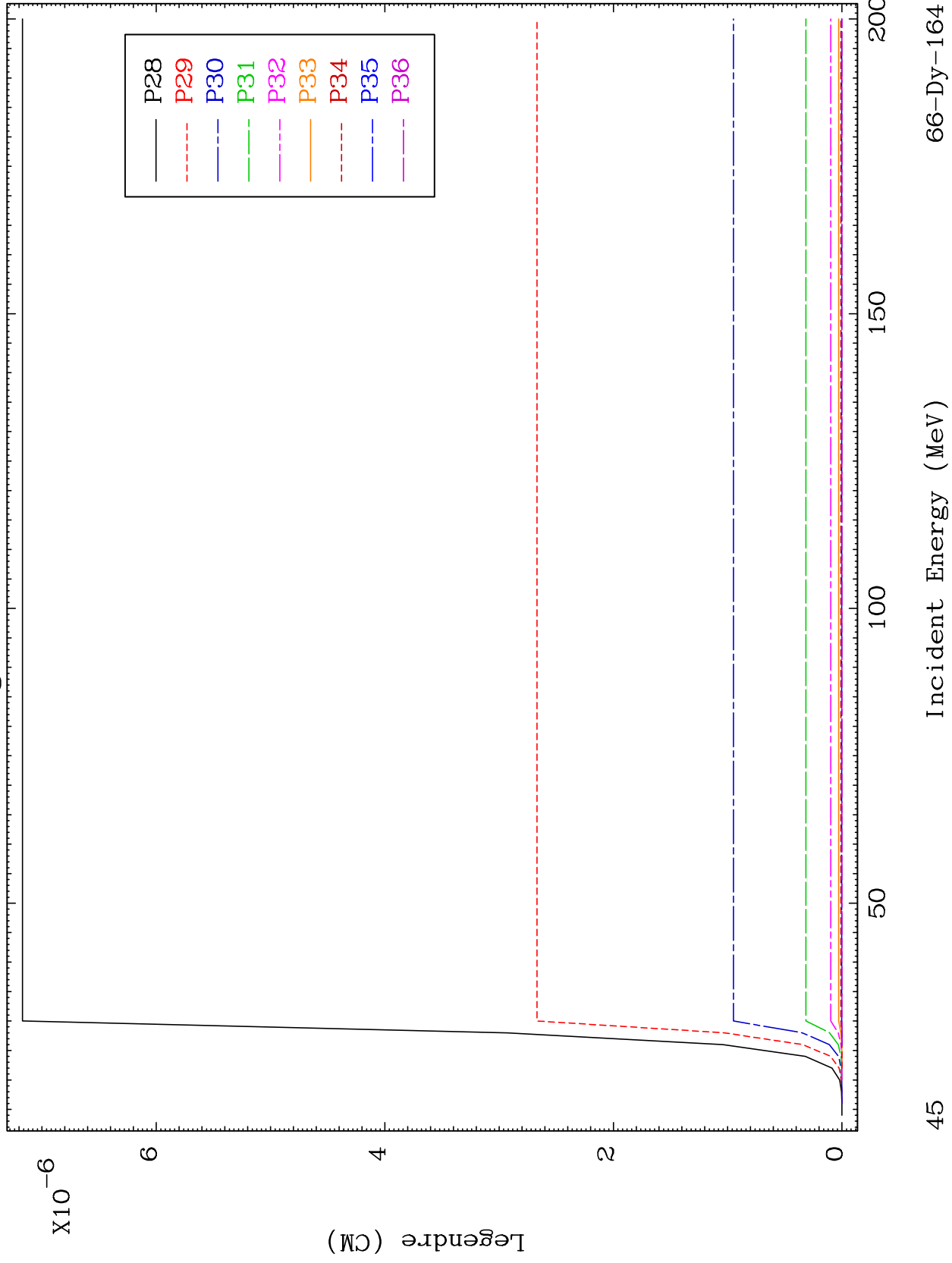
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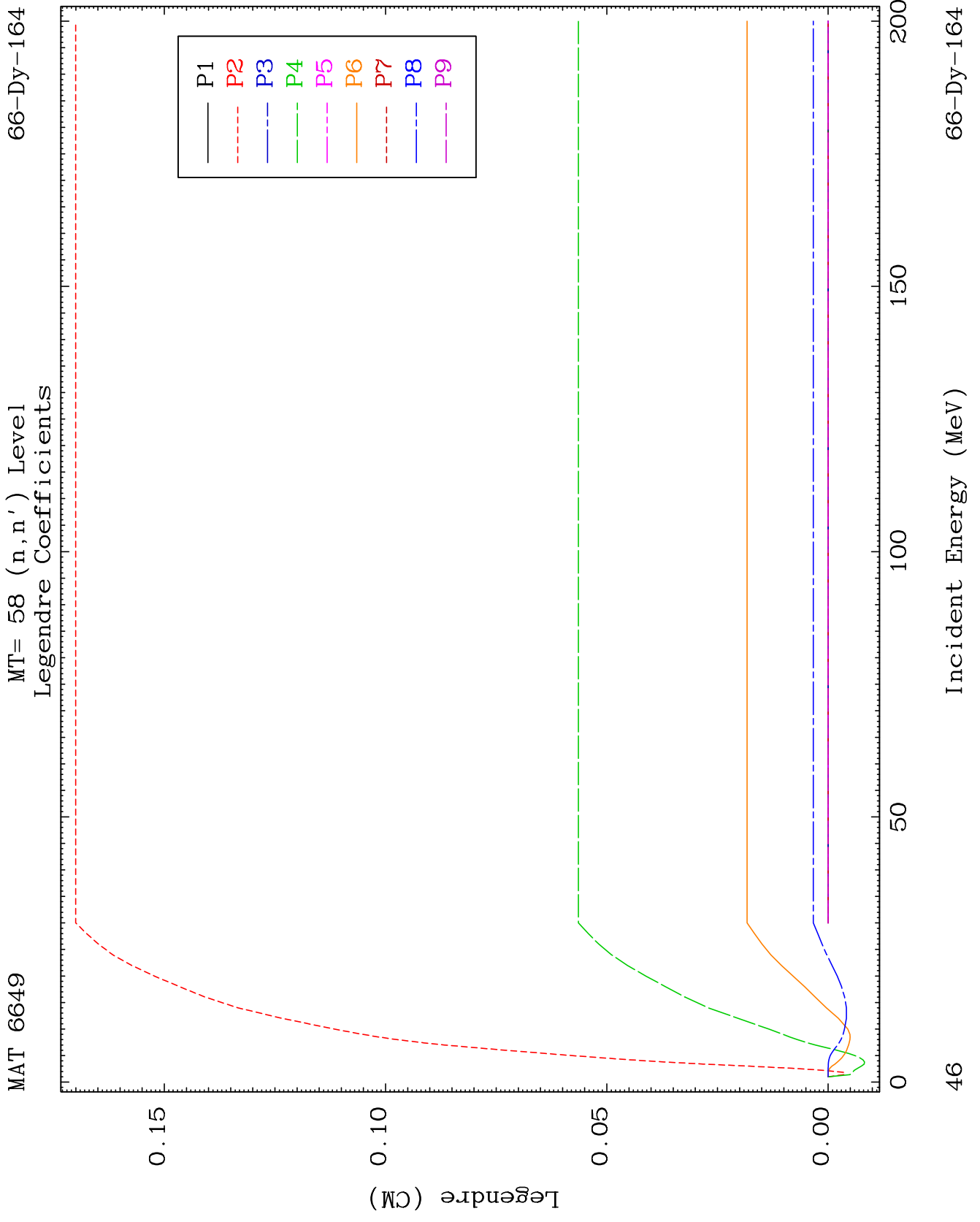
66-Dy-164

MAT 6649

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

66-Dy-164

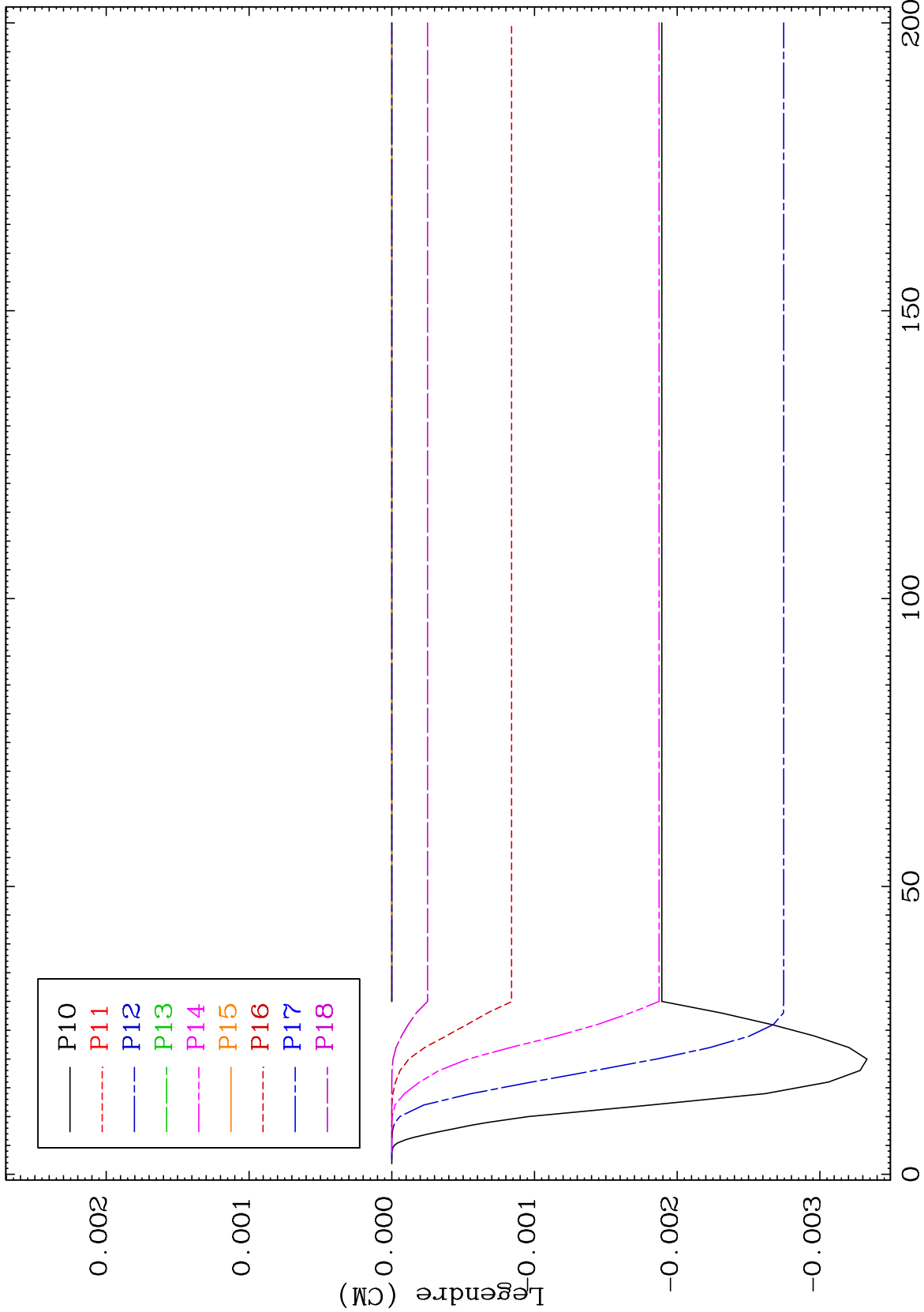




MAT 6649

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

66-Dy-164

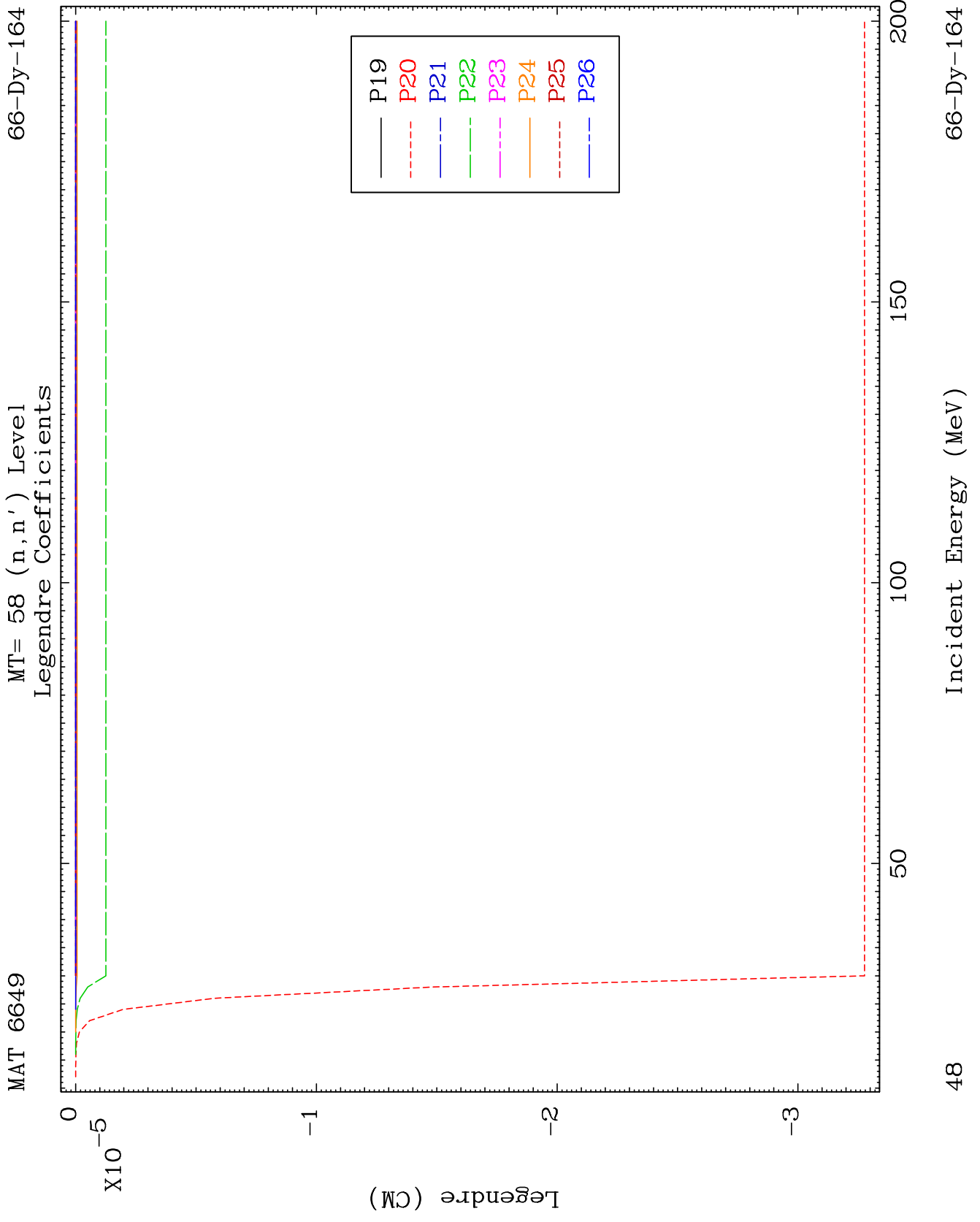


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Incident Energy (MeV)

66-Dy-164

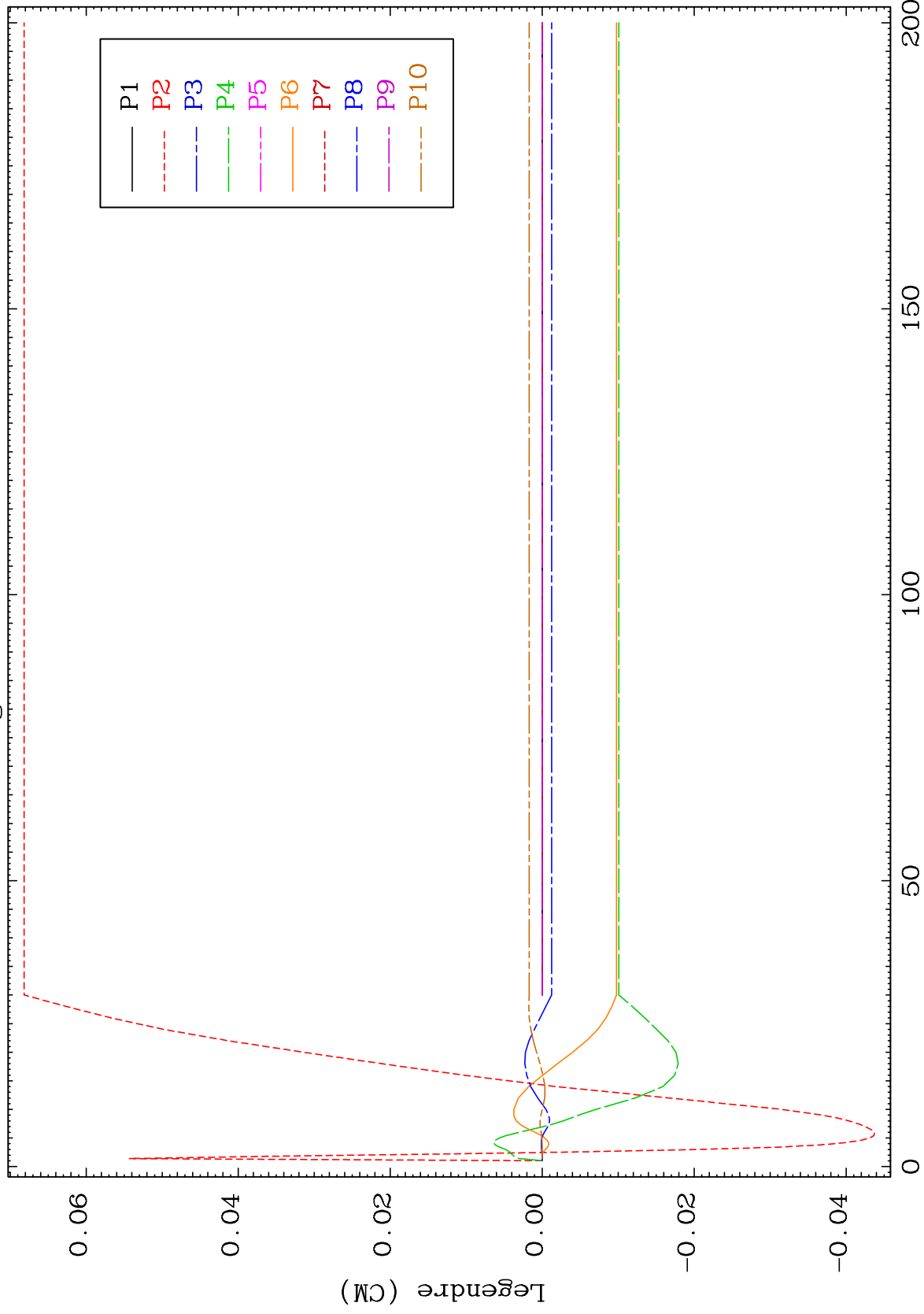




MAT 6649

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

66-Dy-164



49

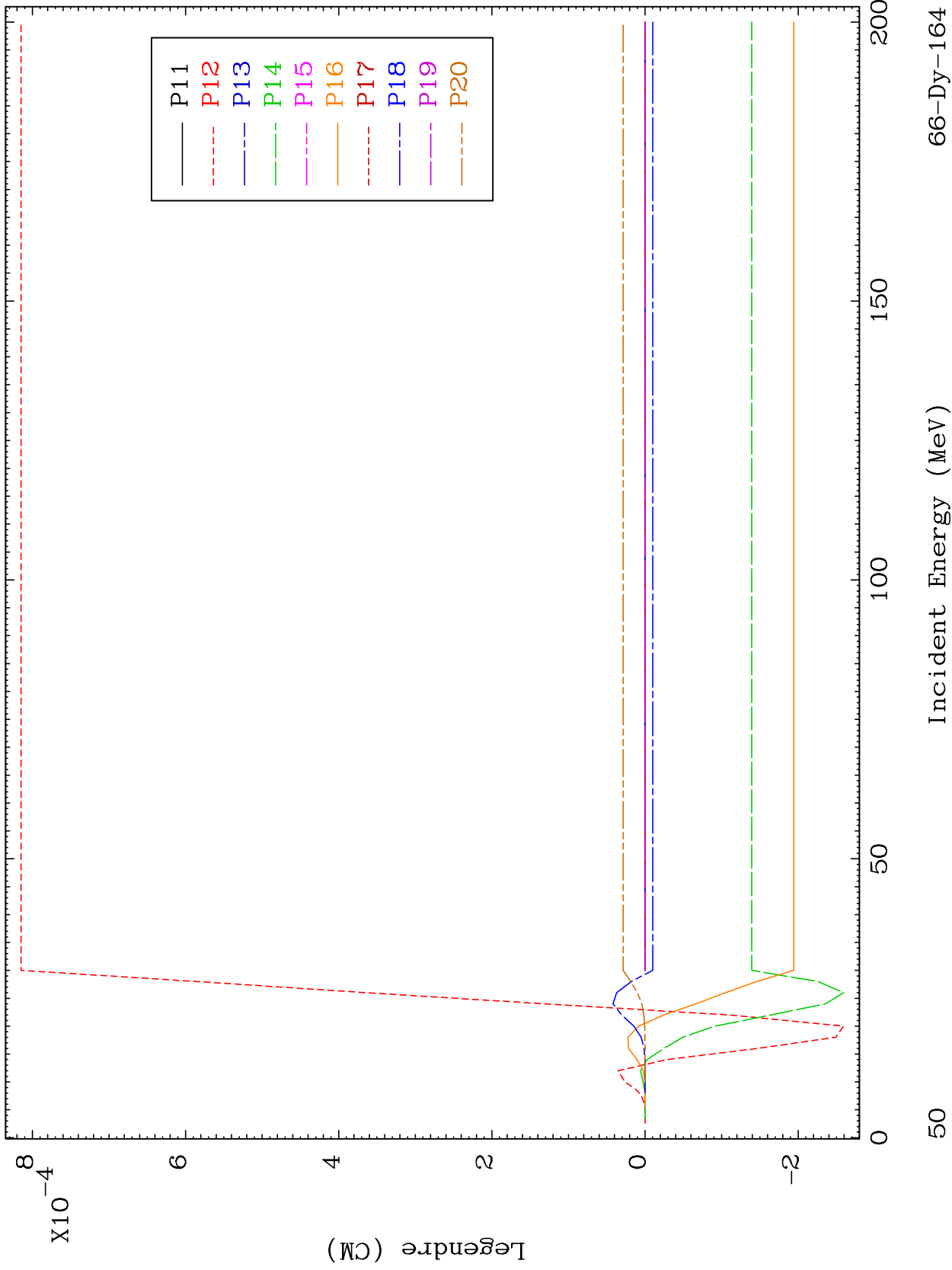
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

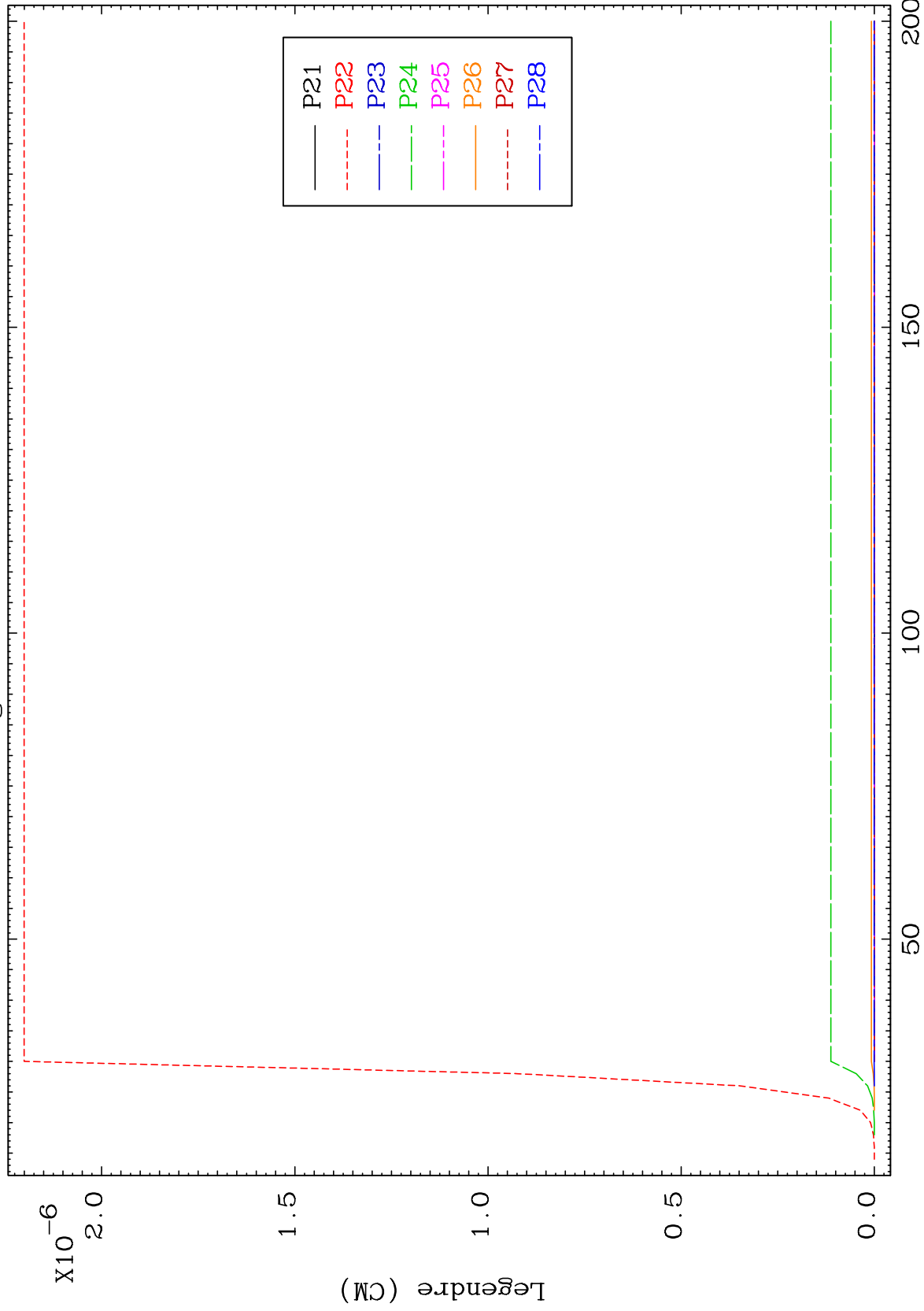
66-Dy-164



MAT 6649

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

66-Dy-164



51

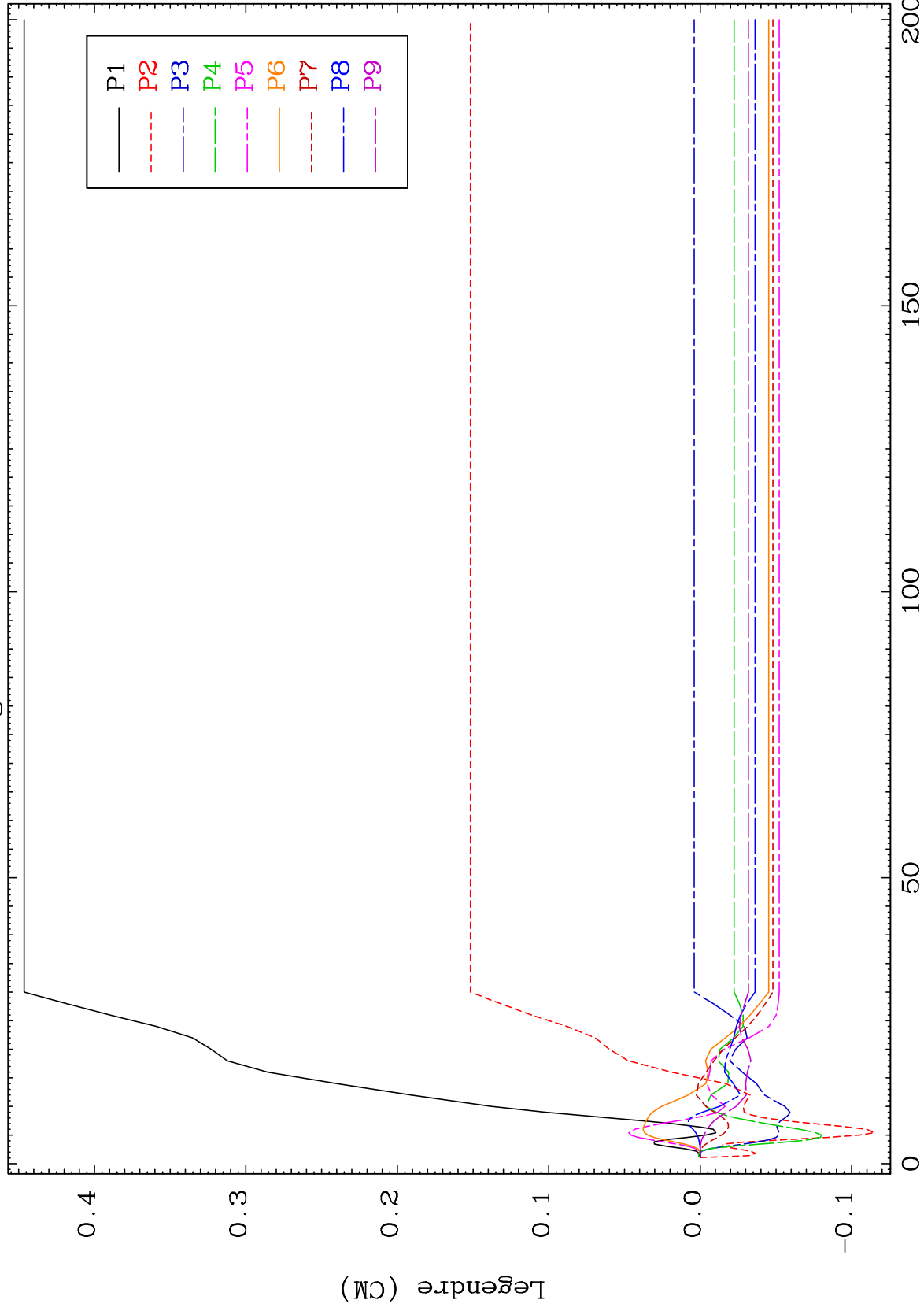
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



52

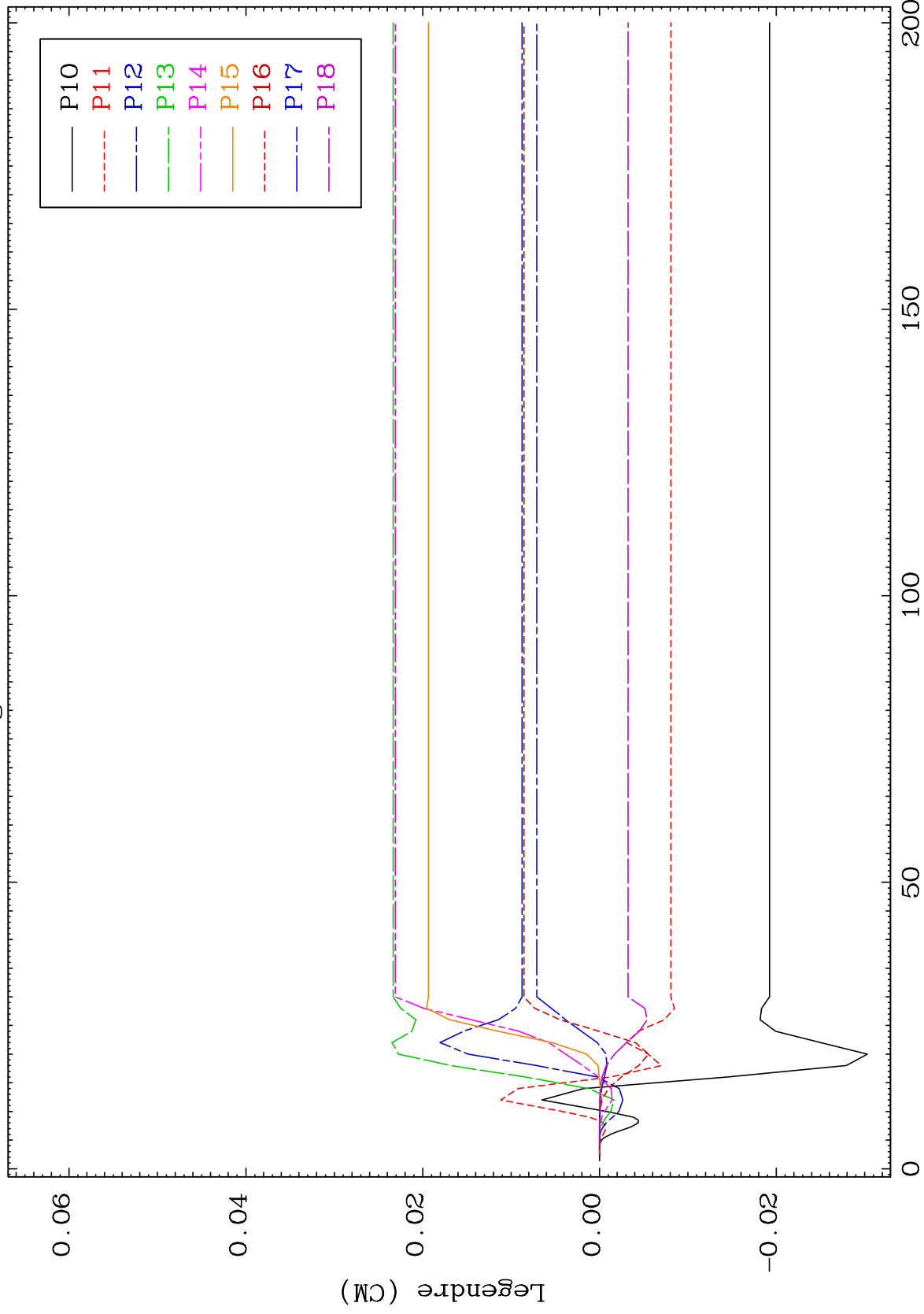
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



53

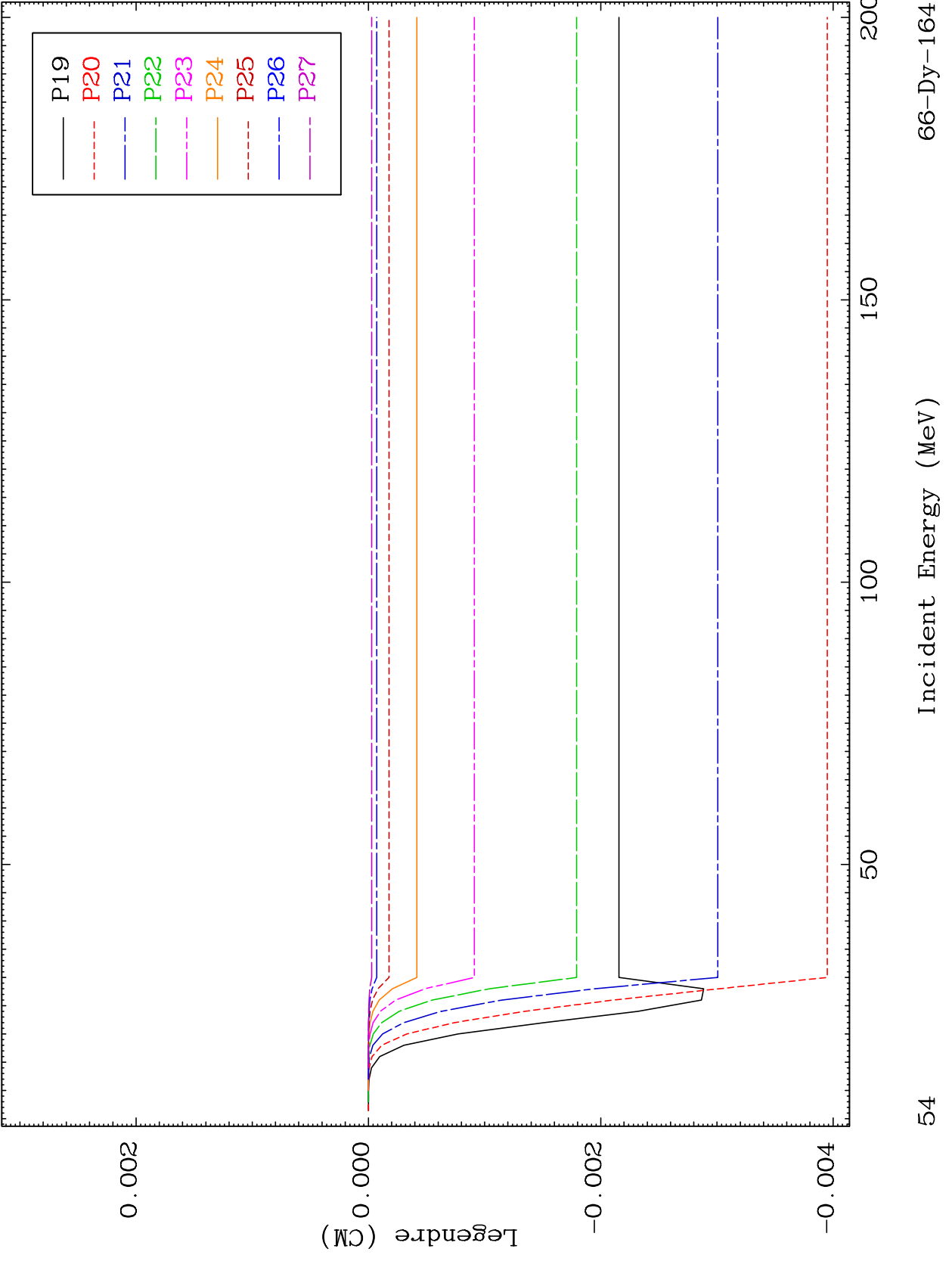
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

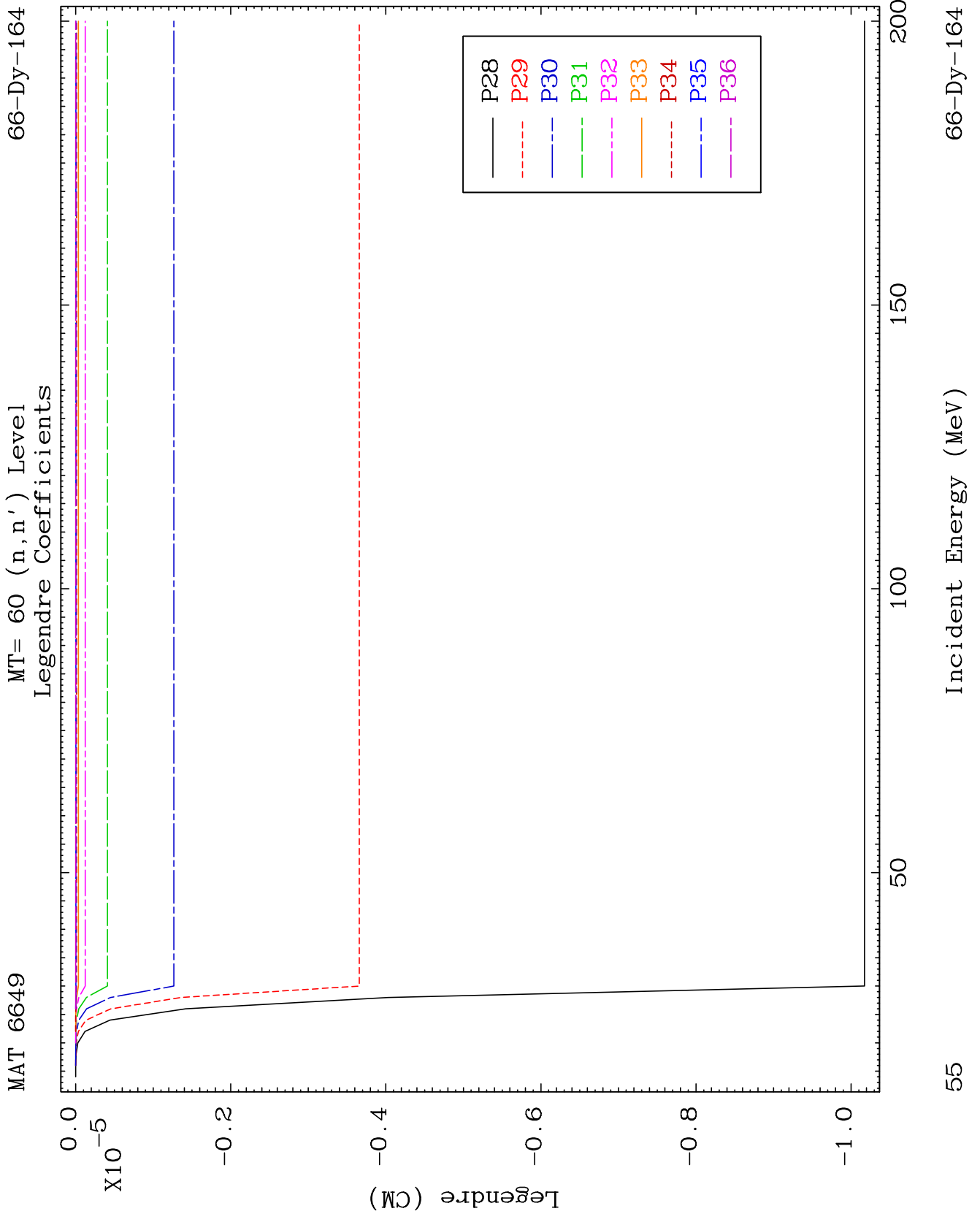
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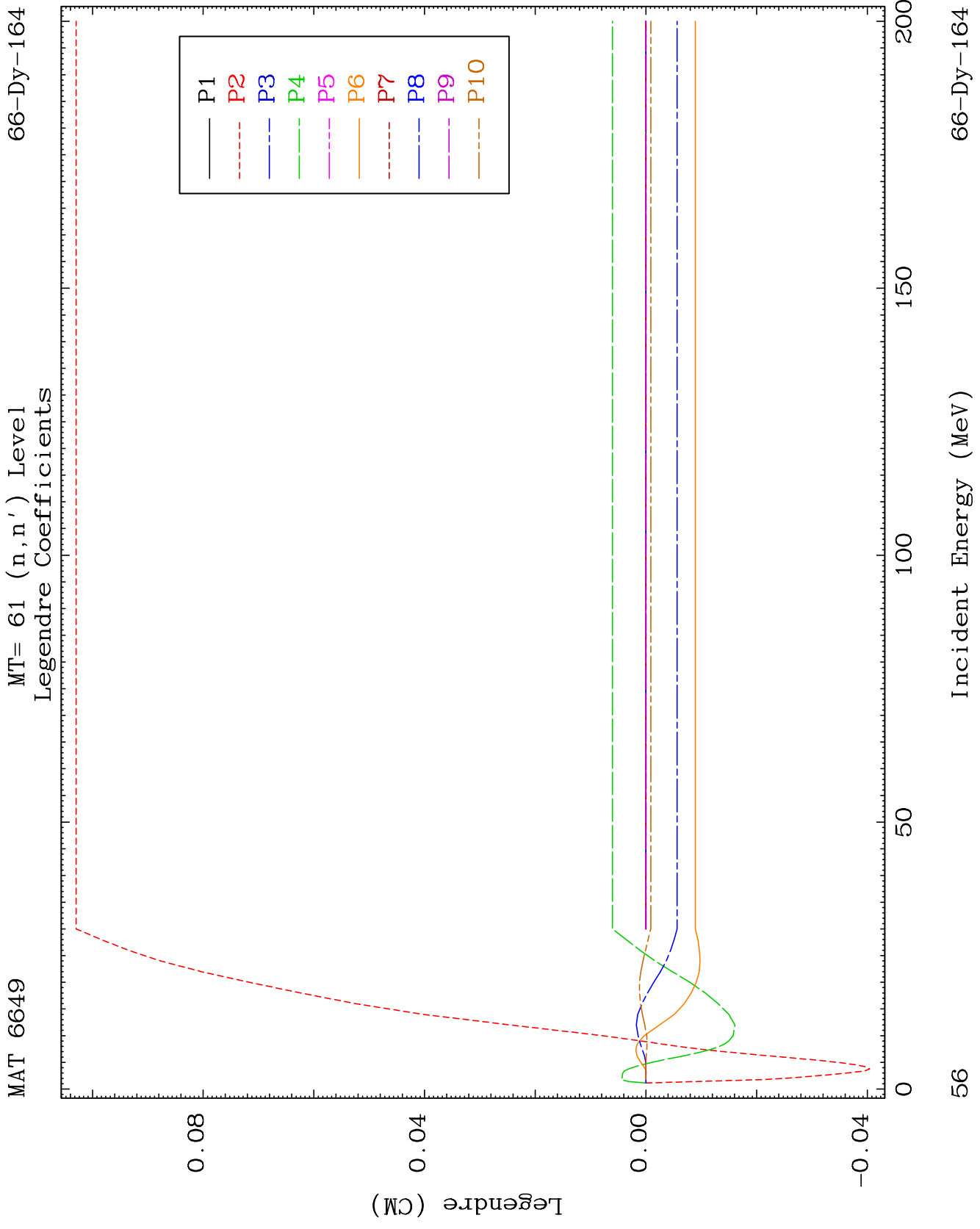
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Incident Energy (MeV)

66-Dy-164



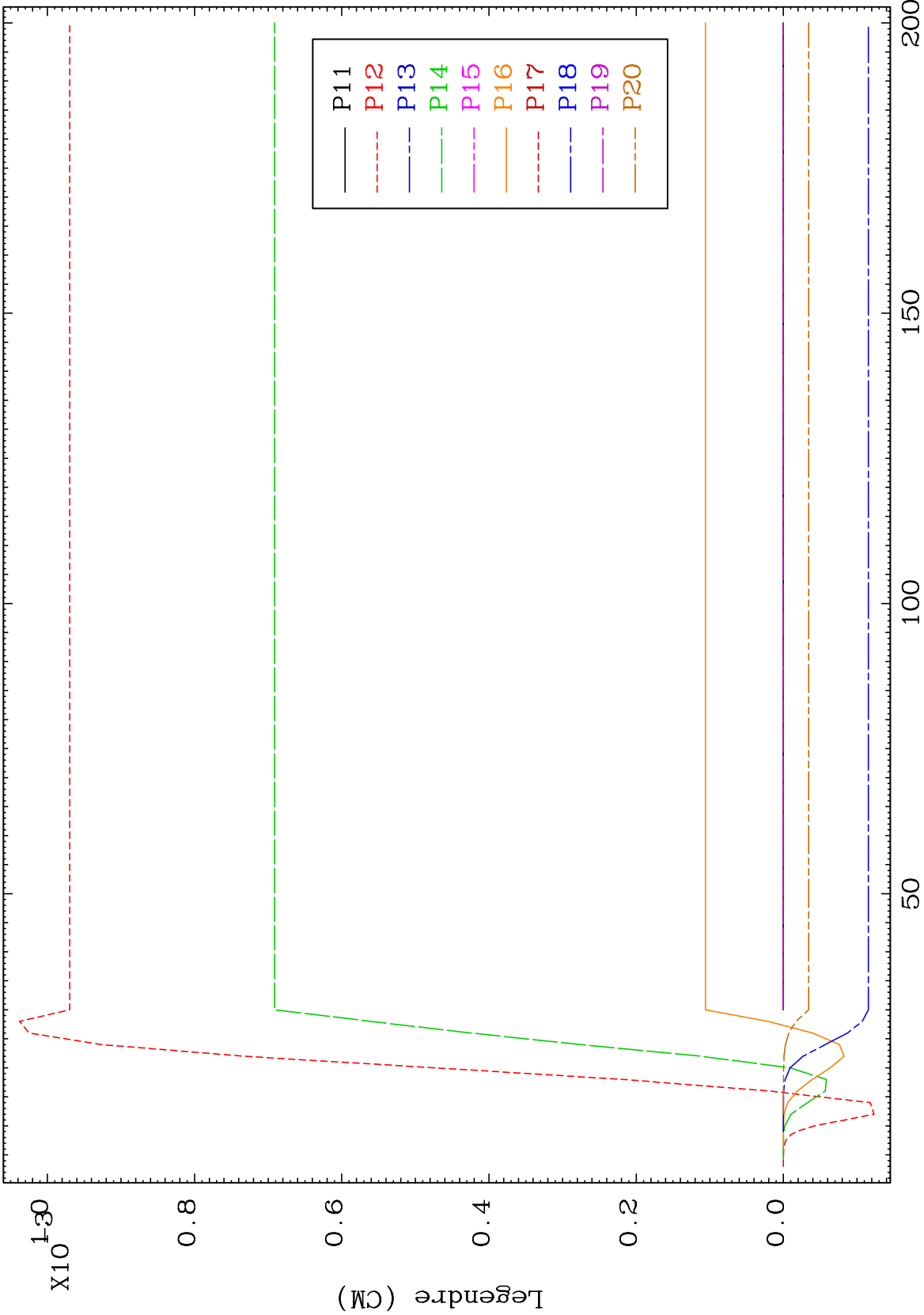




MAT 6649

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

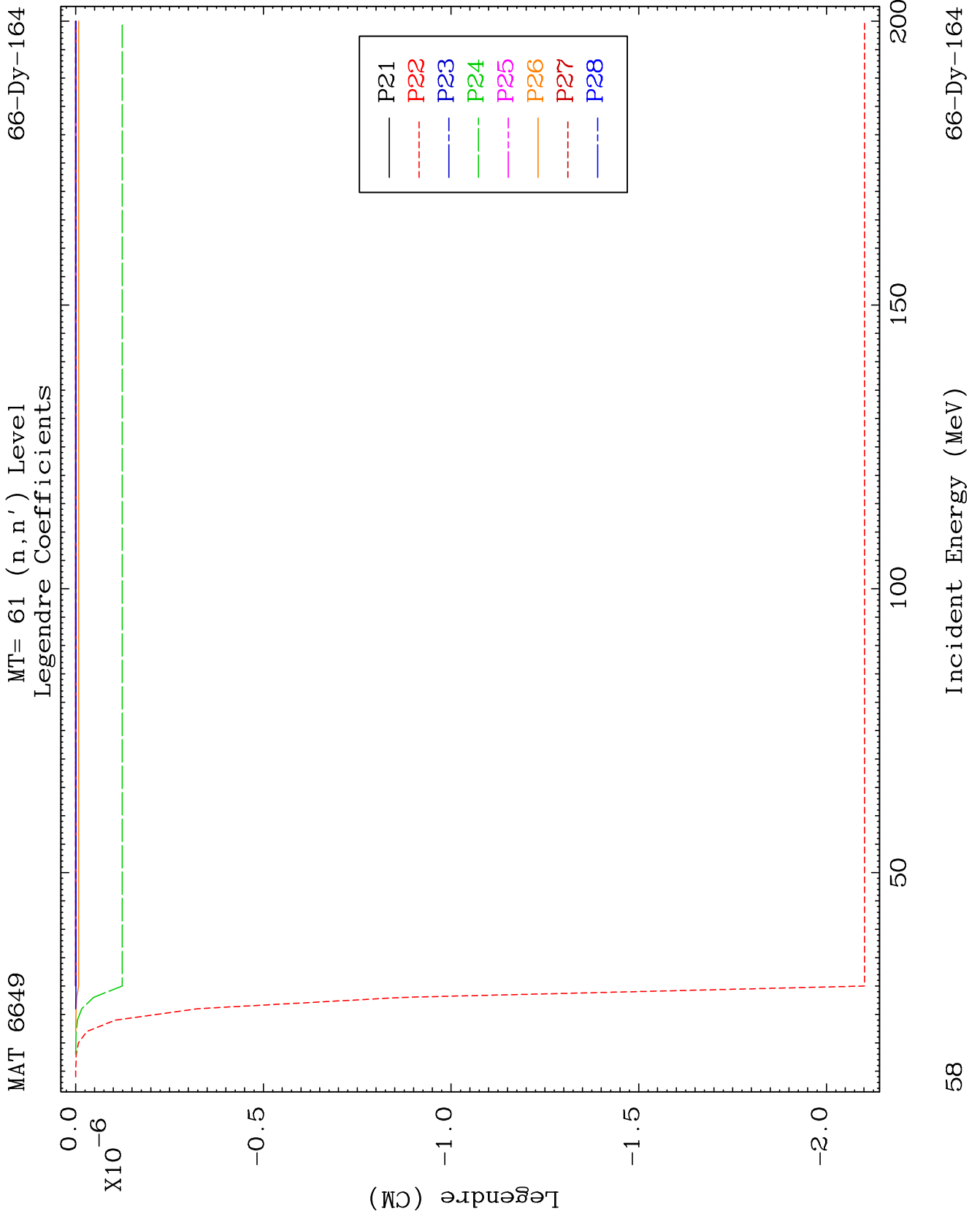
66-Dy-164



57

Incident Energy (MeV)

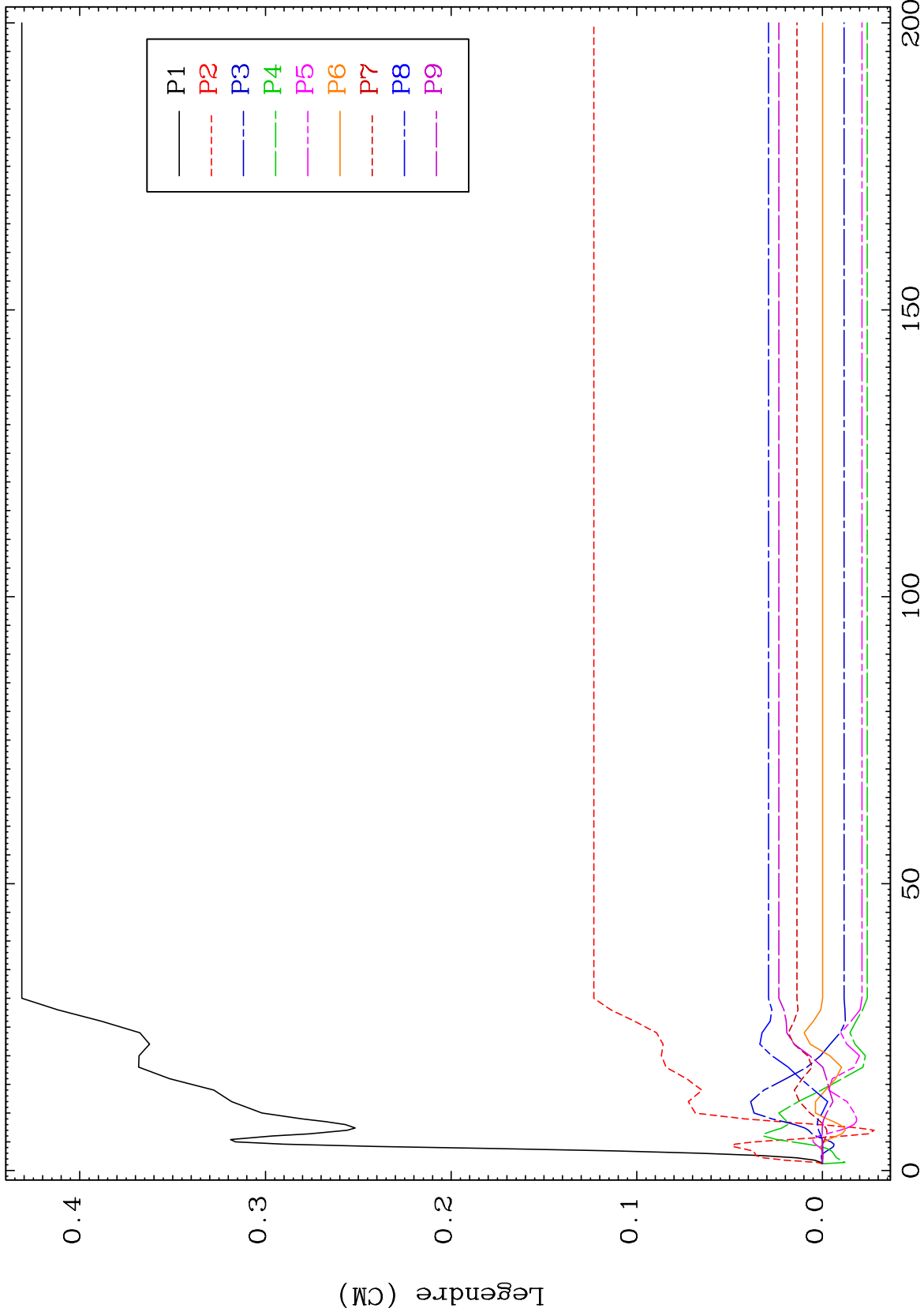
66-Dy-164



MAT 6649

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

66-Dy-164



59

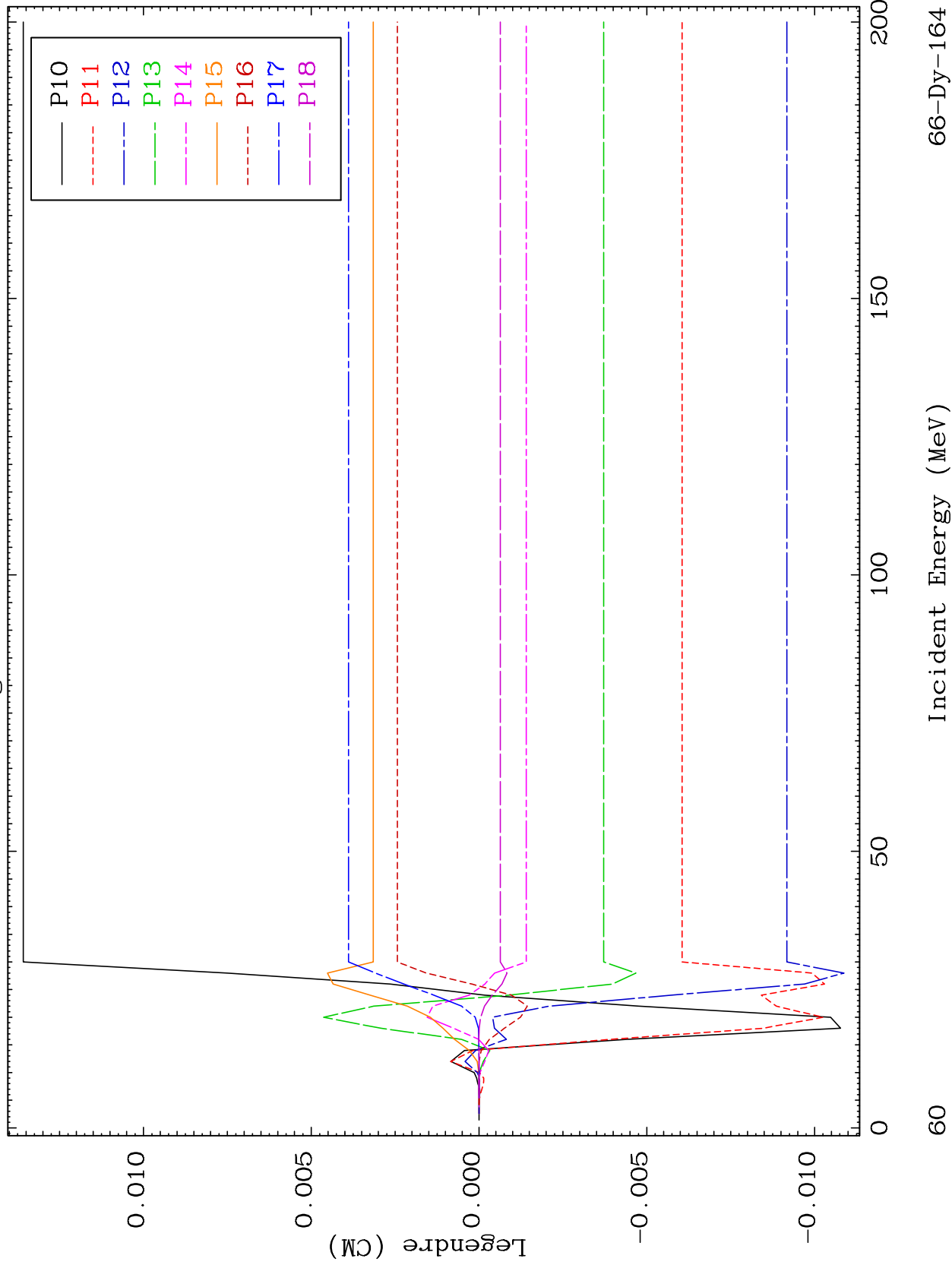
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

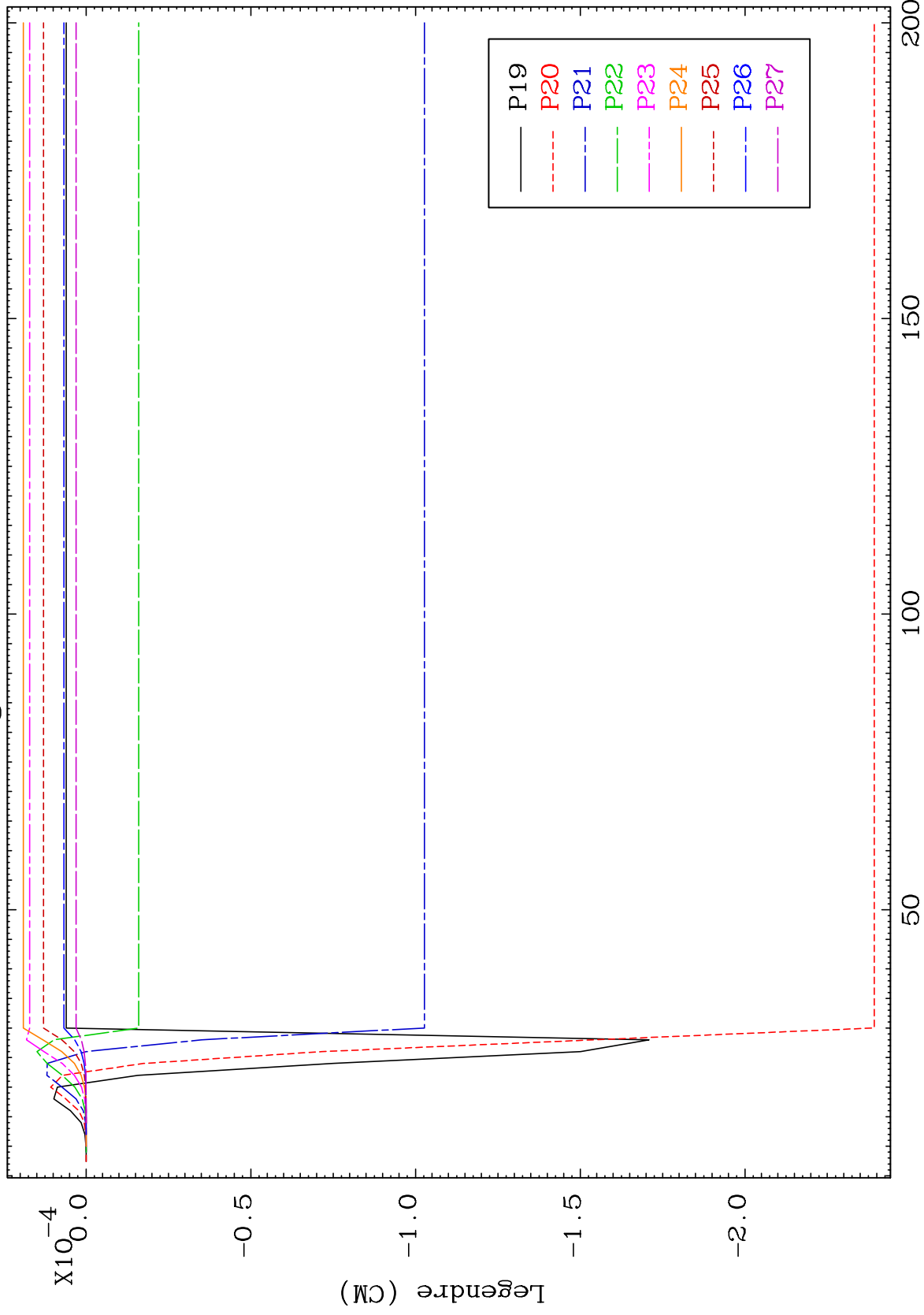
66-Dy-164



MAT 6649

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

66-Dy-164



61

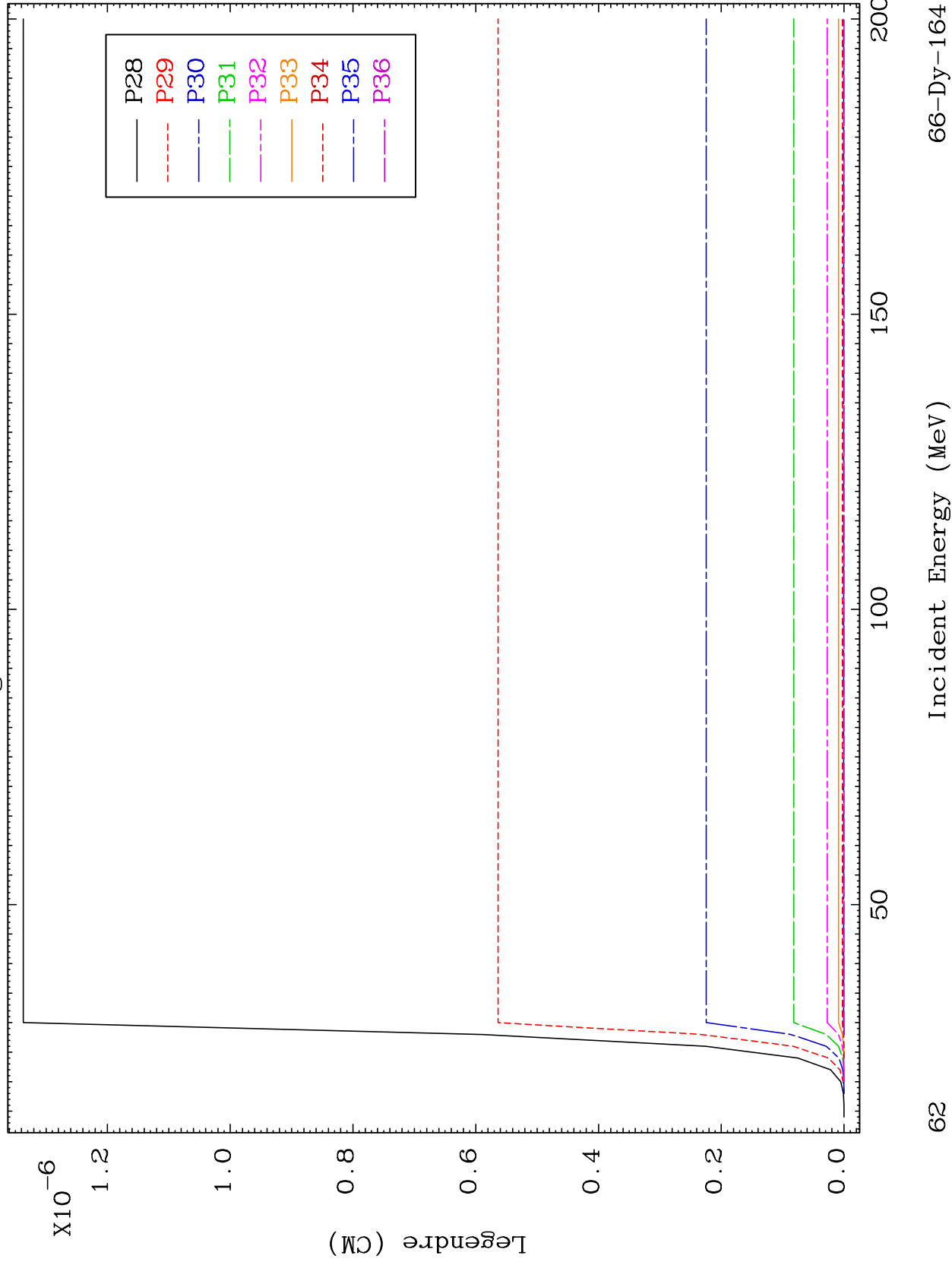
Incident Energy (MeV)

66-Dy-164

MAT 6649

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

66-Dy-164



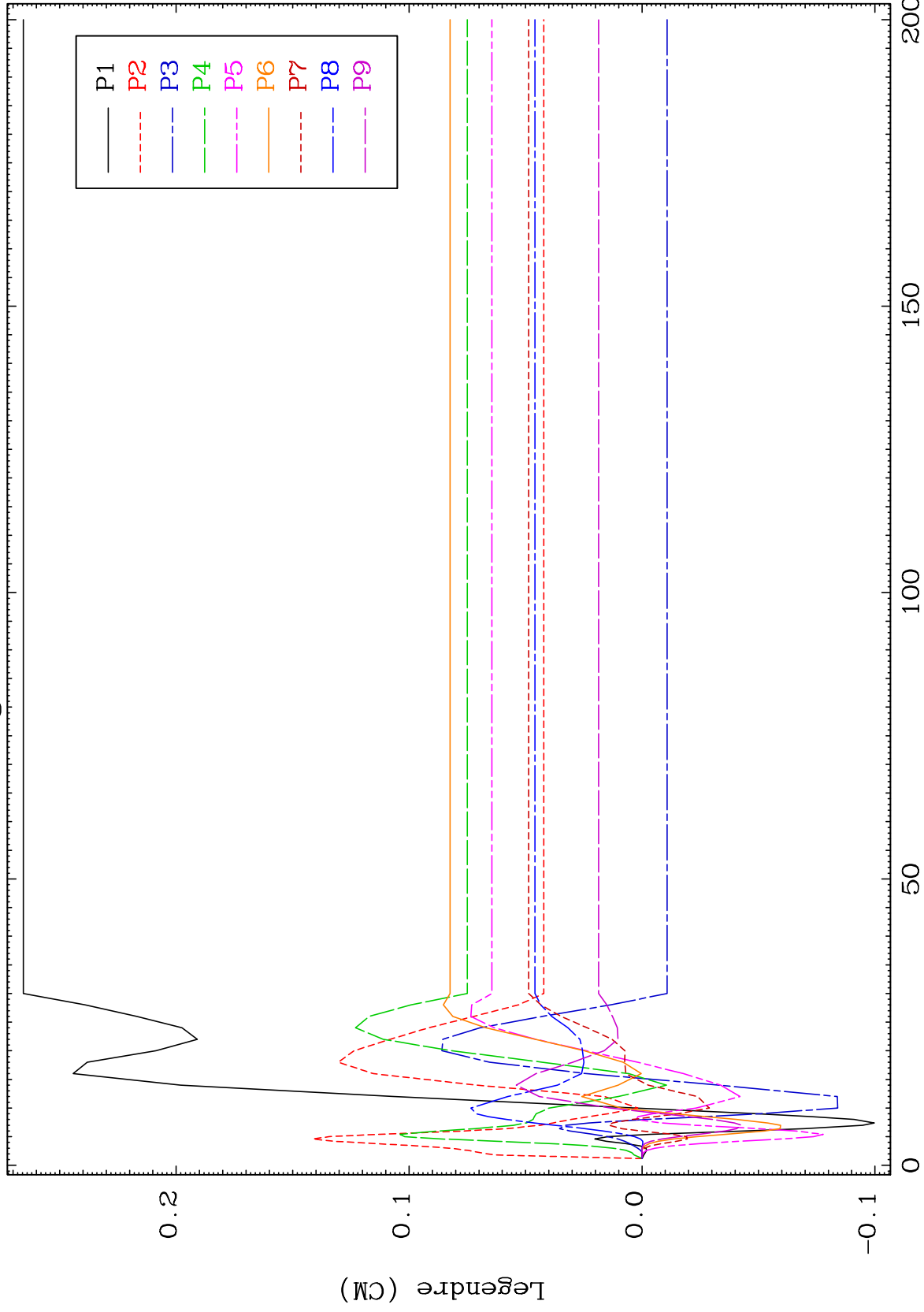
62

66-Dy-164

MAT 6649

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

66-Dy-164



63

Incident Energy (MeV)

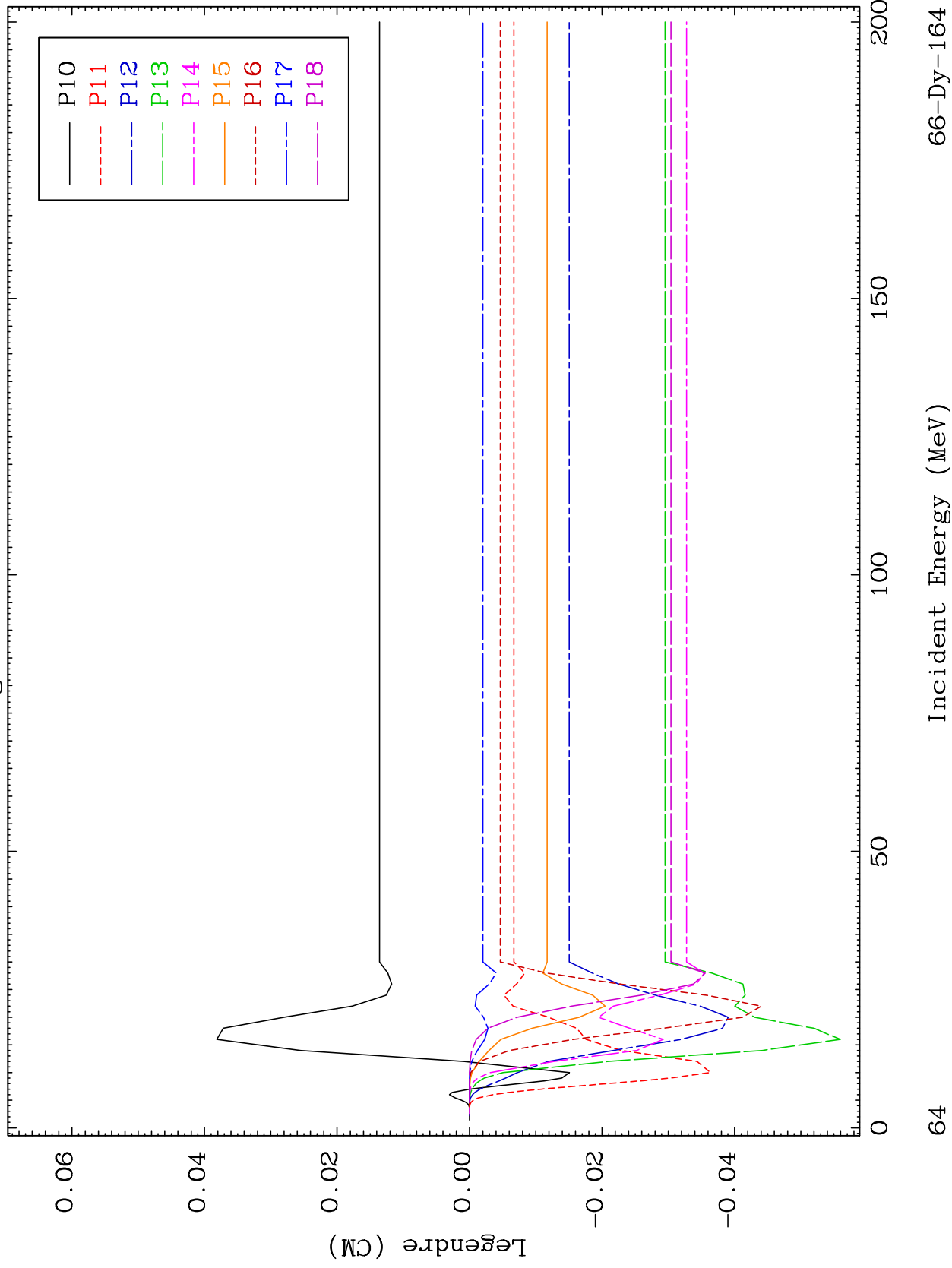
66-Dy-164



MAT 6649

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

66-Dy-164



66-Dy-164

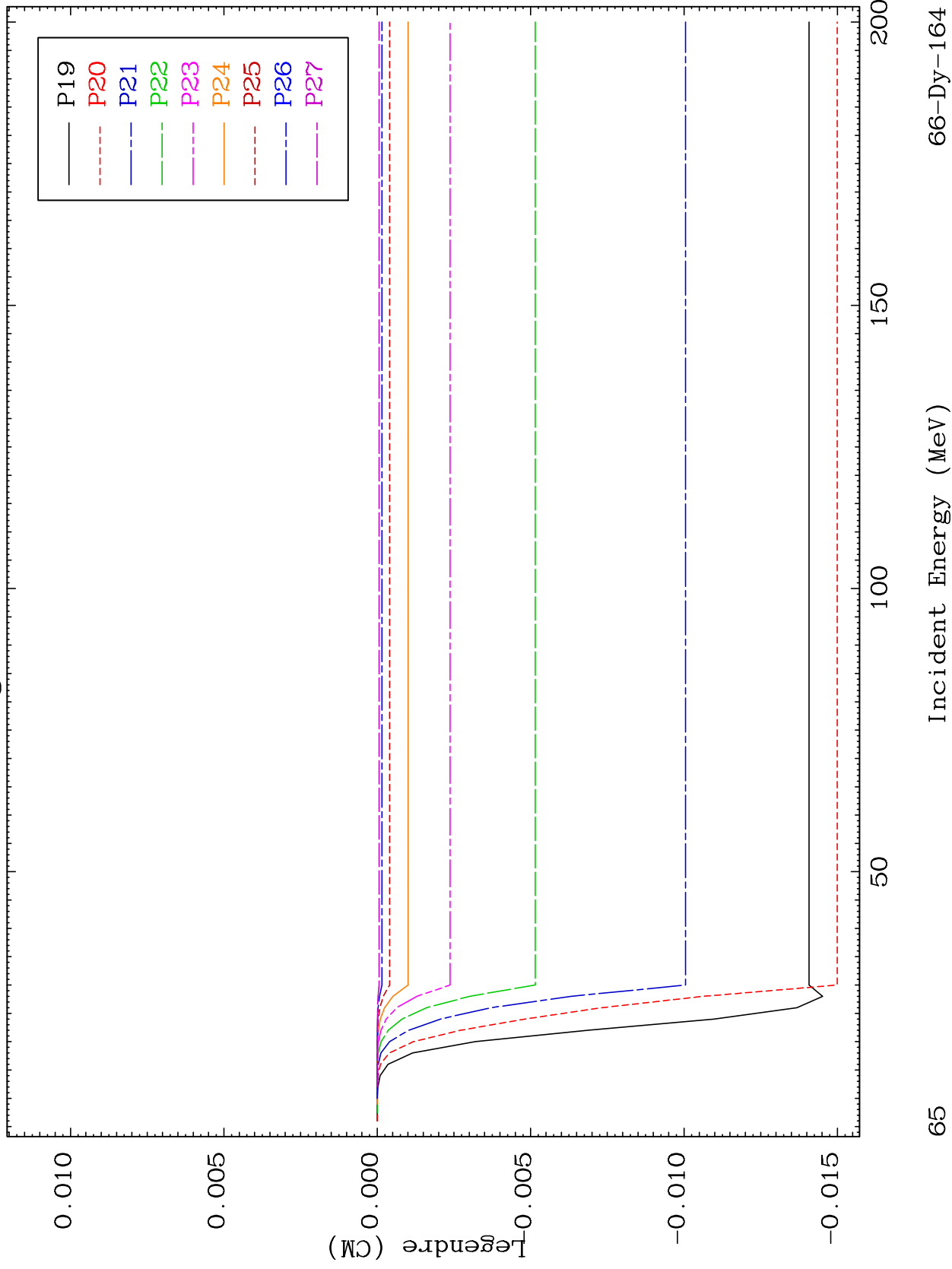
Incident Energy (MeV)

64

MAT 6649

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

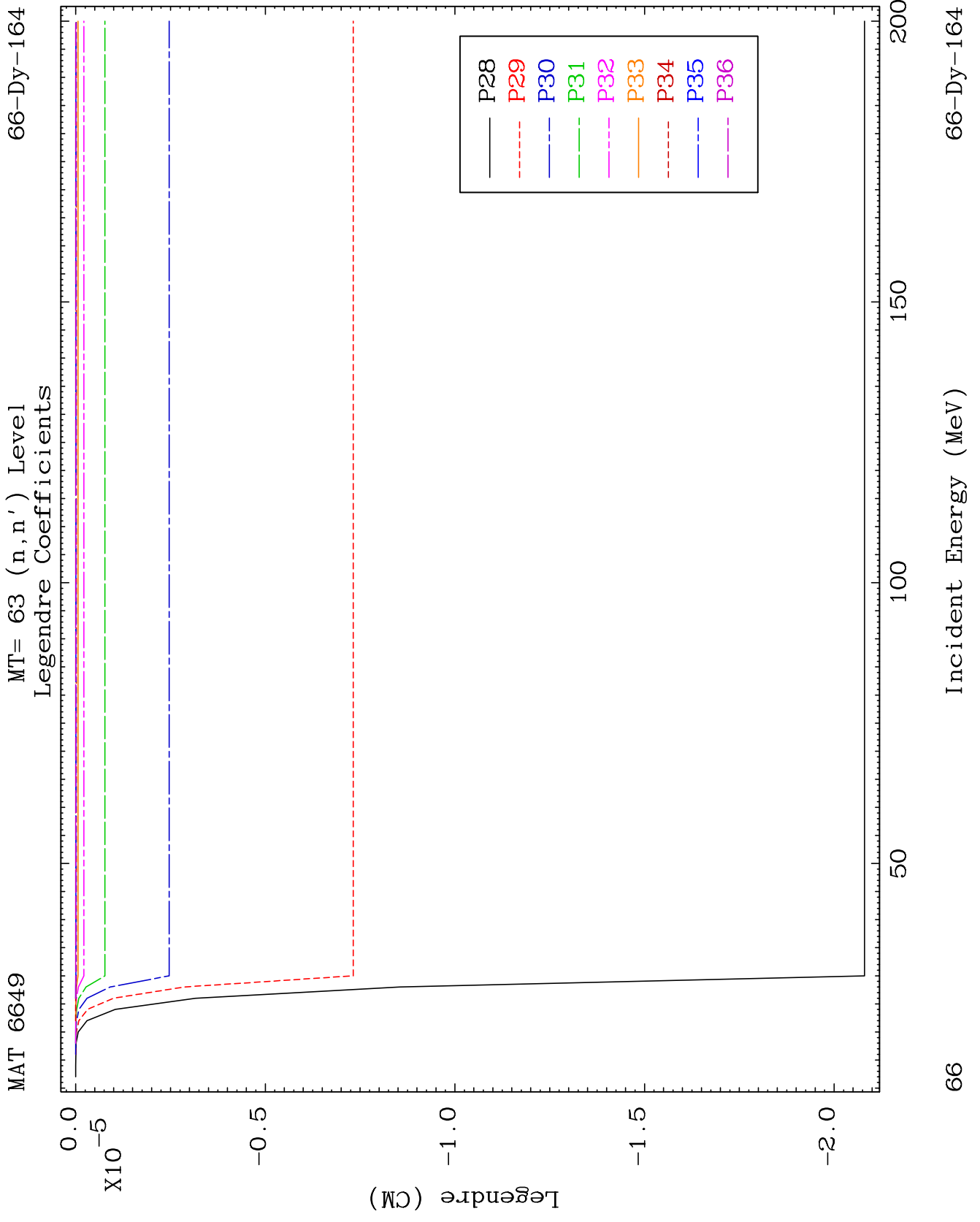
66-Dy-164



65

Incident Energy (MeV)

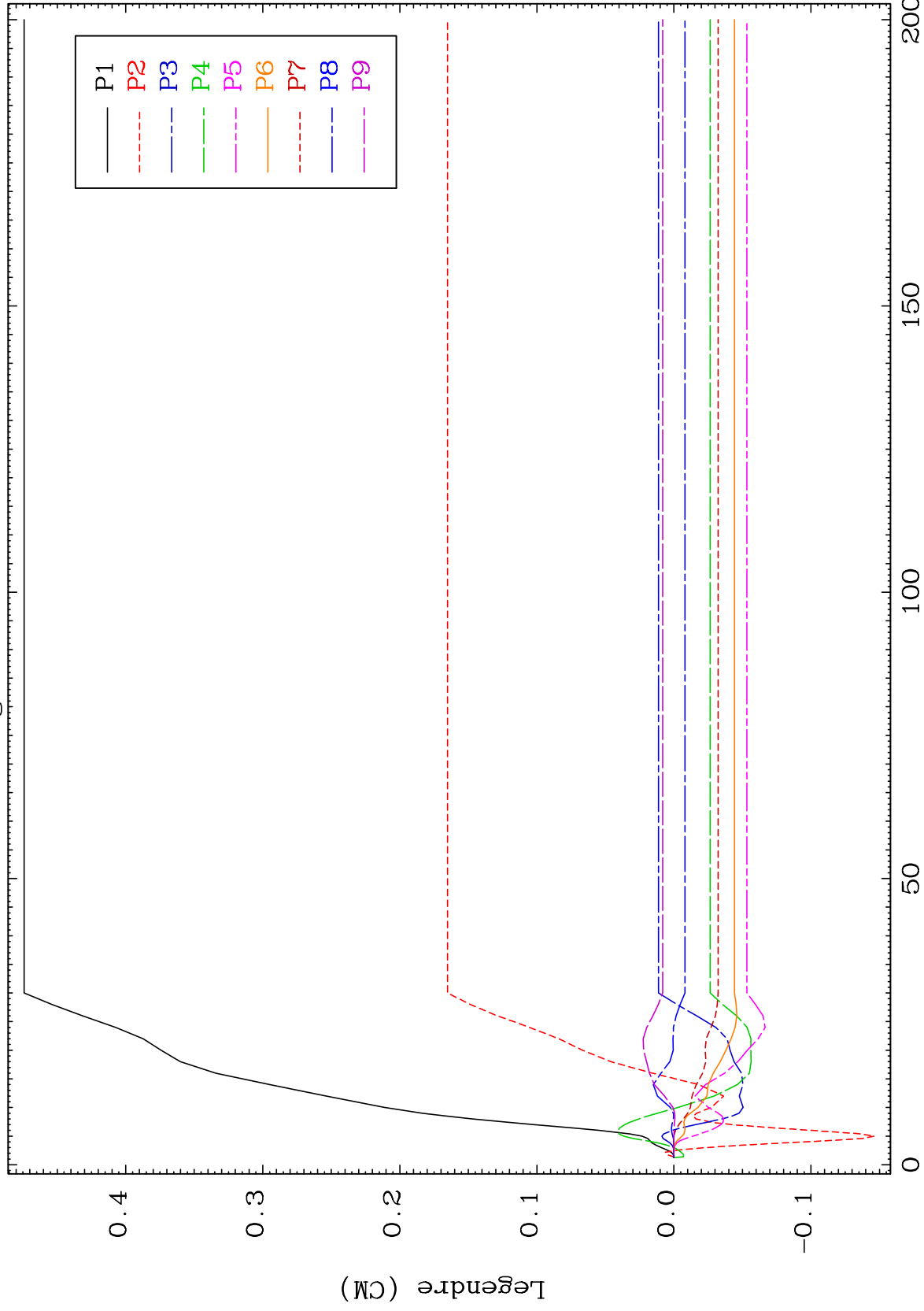
66-Dy-164



MAT 6649

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

66-Dy-164



66-Dy-164

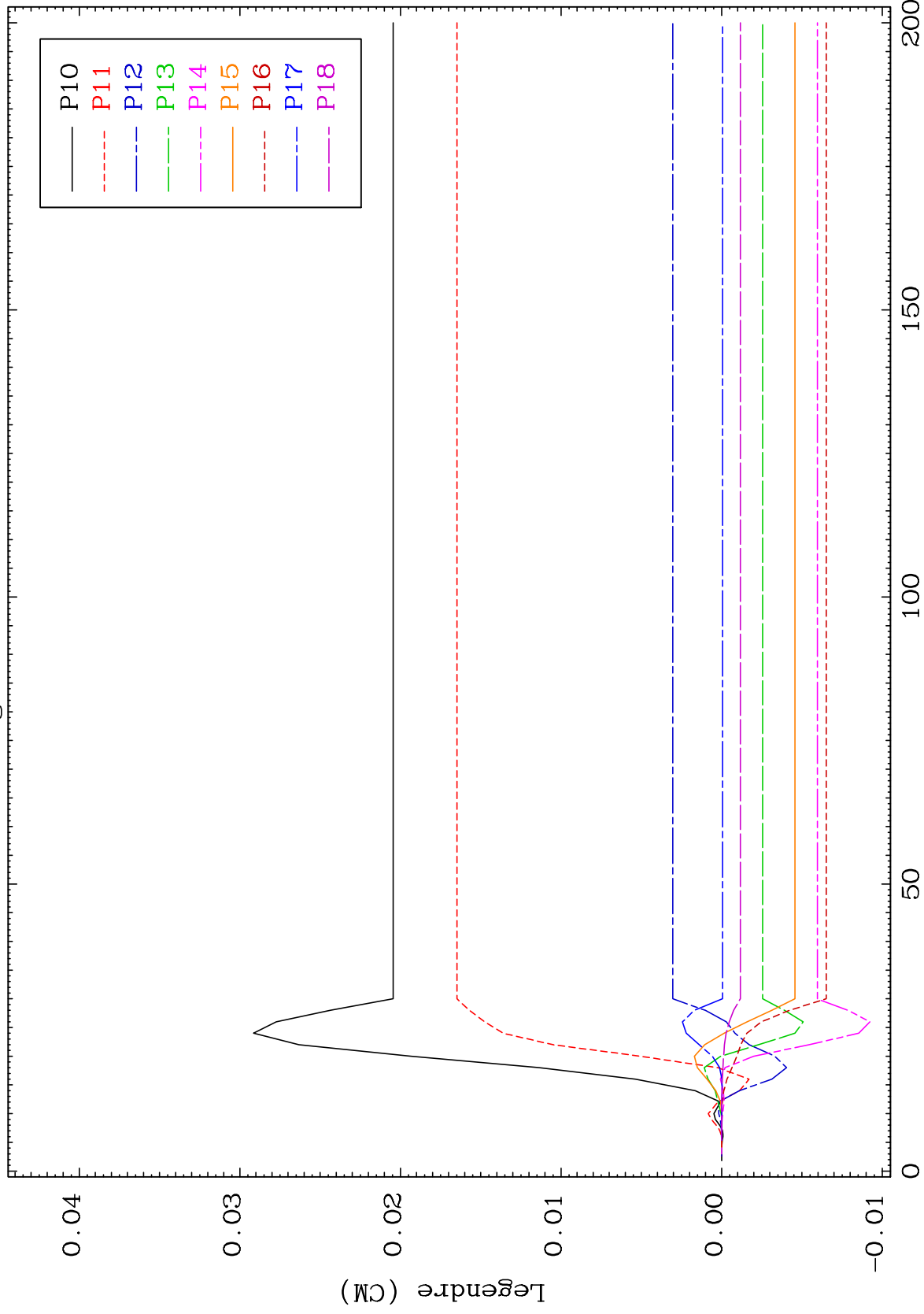
Incident Energy (MeV)

67

MAT 6649

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

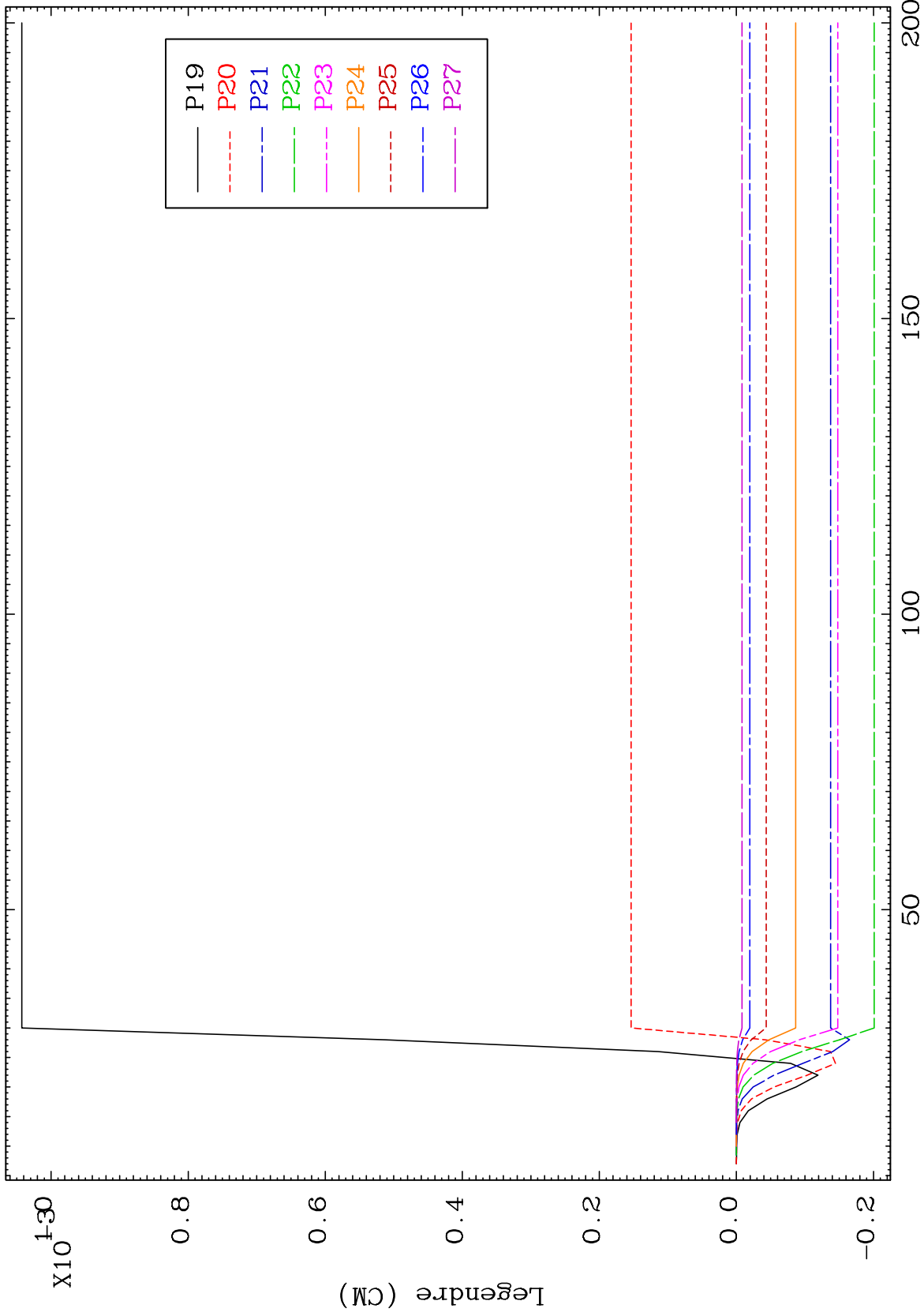
66-Dy-164

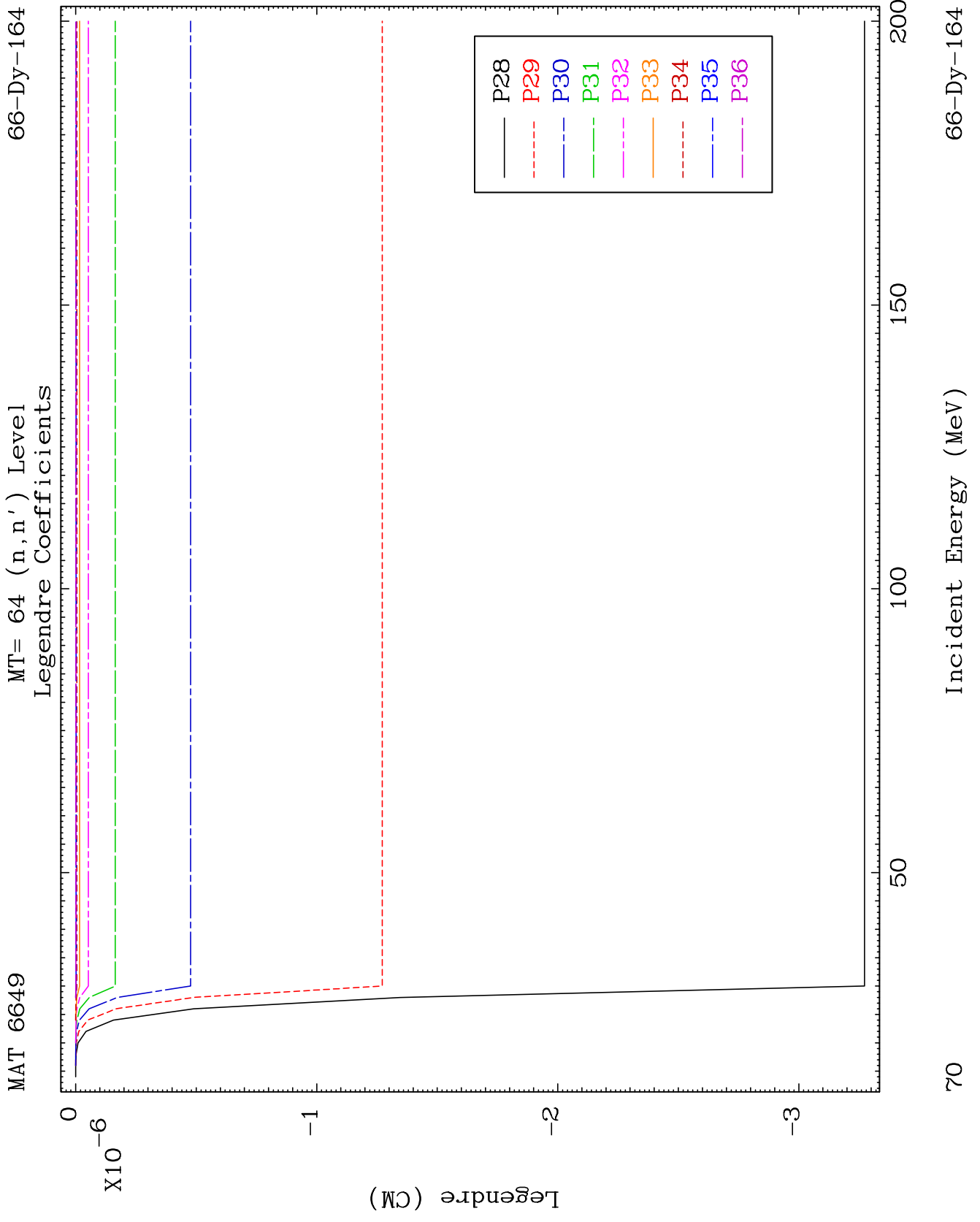


68

Incident Energy (MeV)

66-Dy-164

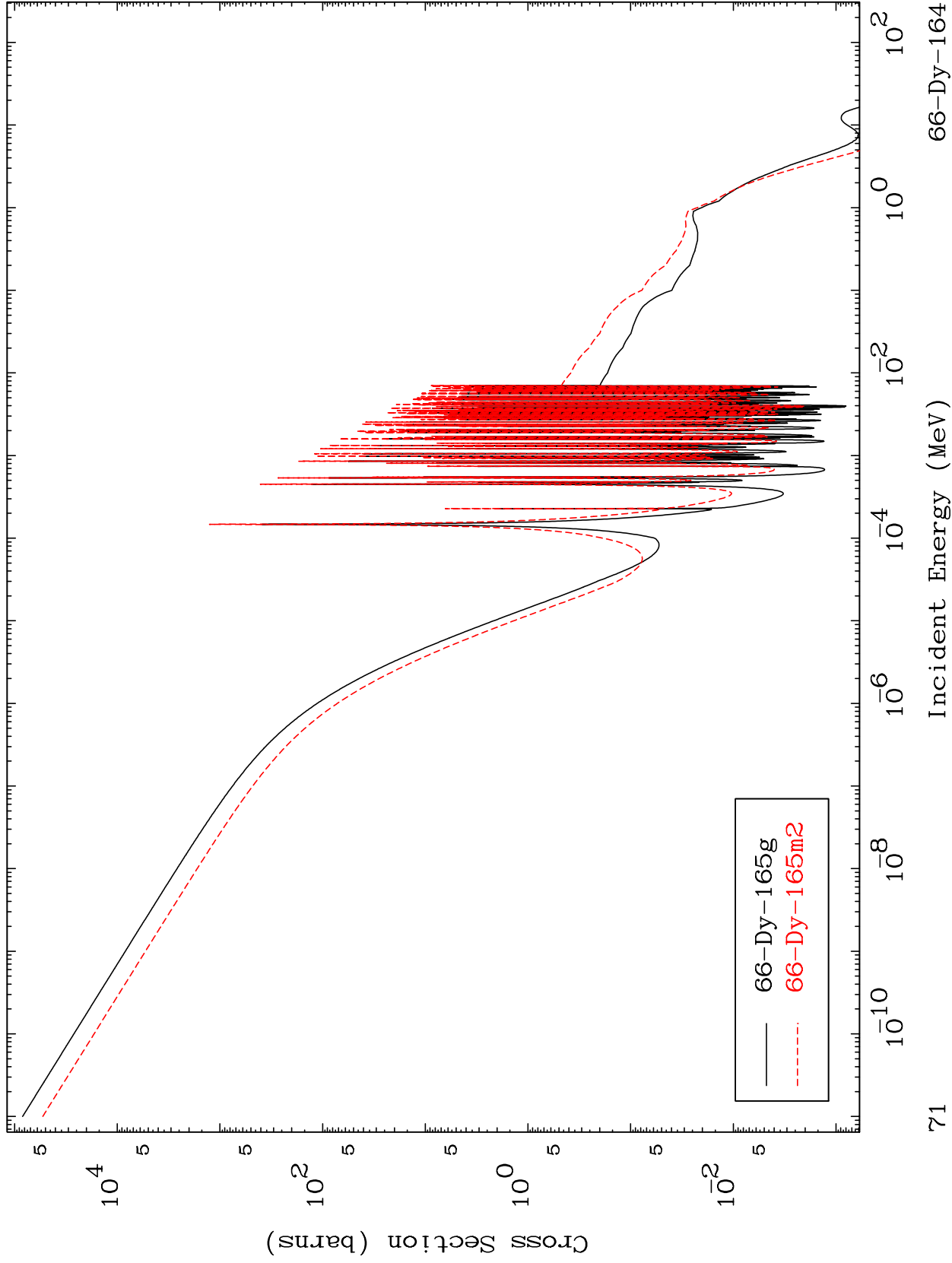




MAT 6649

66-Dy-164

$(n, \gamma)$   
Radionuclide Production Cross Section



71

66-Dy-164

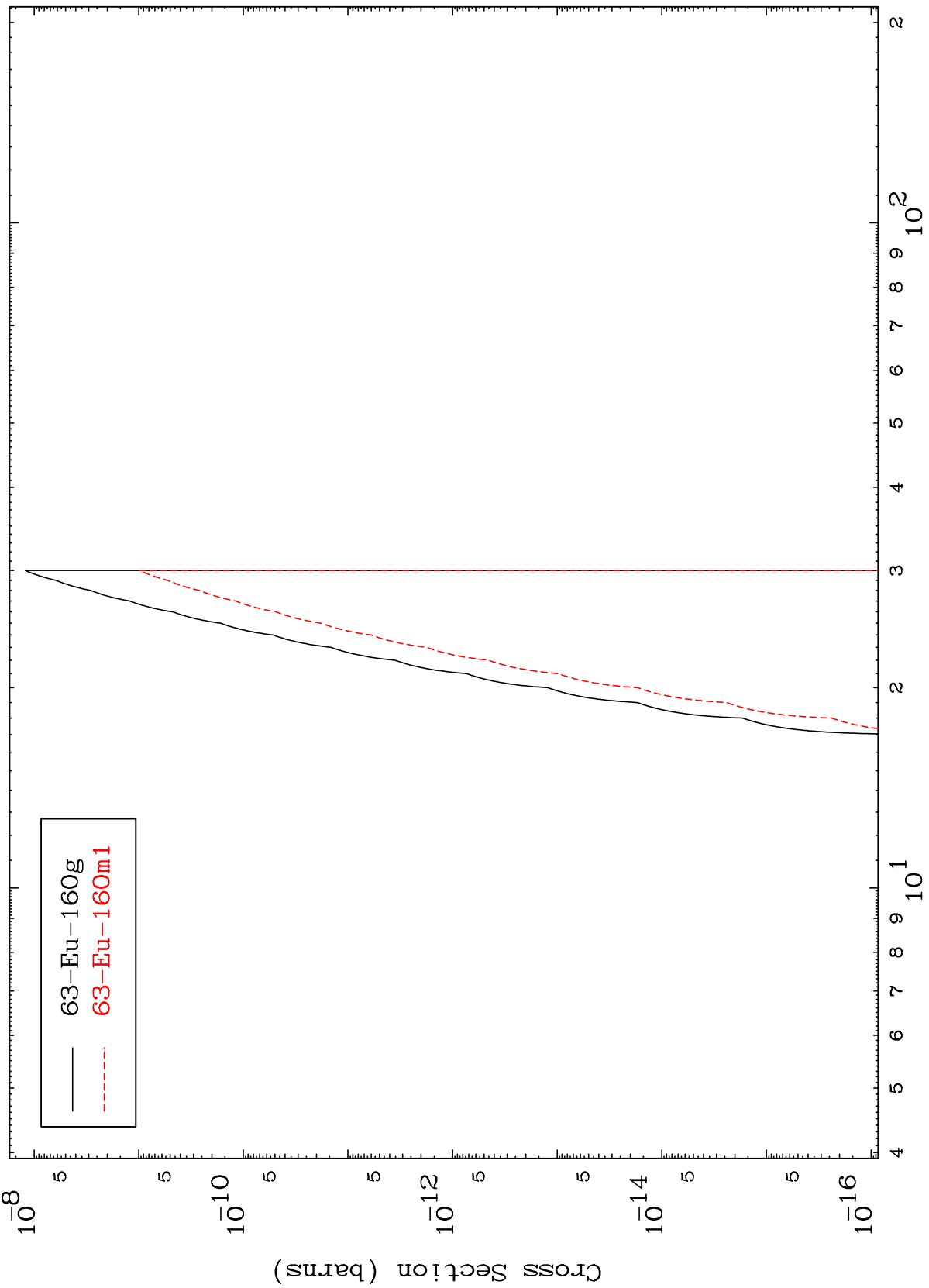


MAT 6649

(n,p)  $\alpha$

66-Dy-164

Radionuclide Production Cross Section



63-Eu-160g  
63-Eu-160m1

72

Incident Energy (MeV)

66-Dy-164