

Program EVALPLOT  
(Version 2021-1)

by

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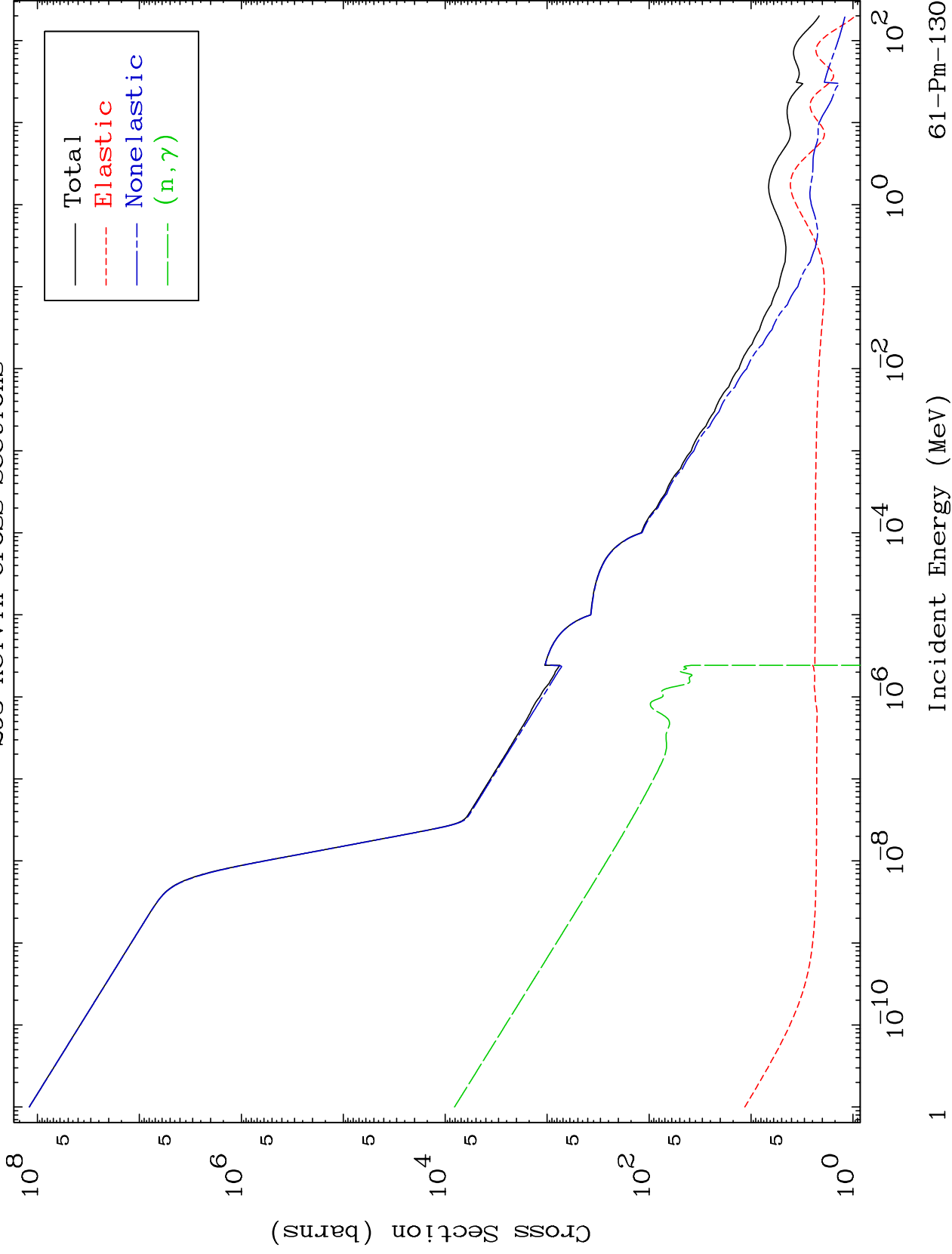
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Press Mouse Button to Start

MAT 6098

Neutron Major  
293 Kelvin Cross Sections

61-Pm-130

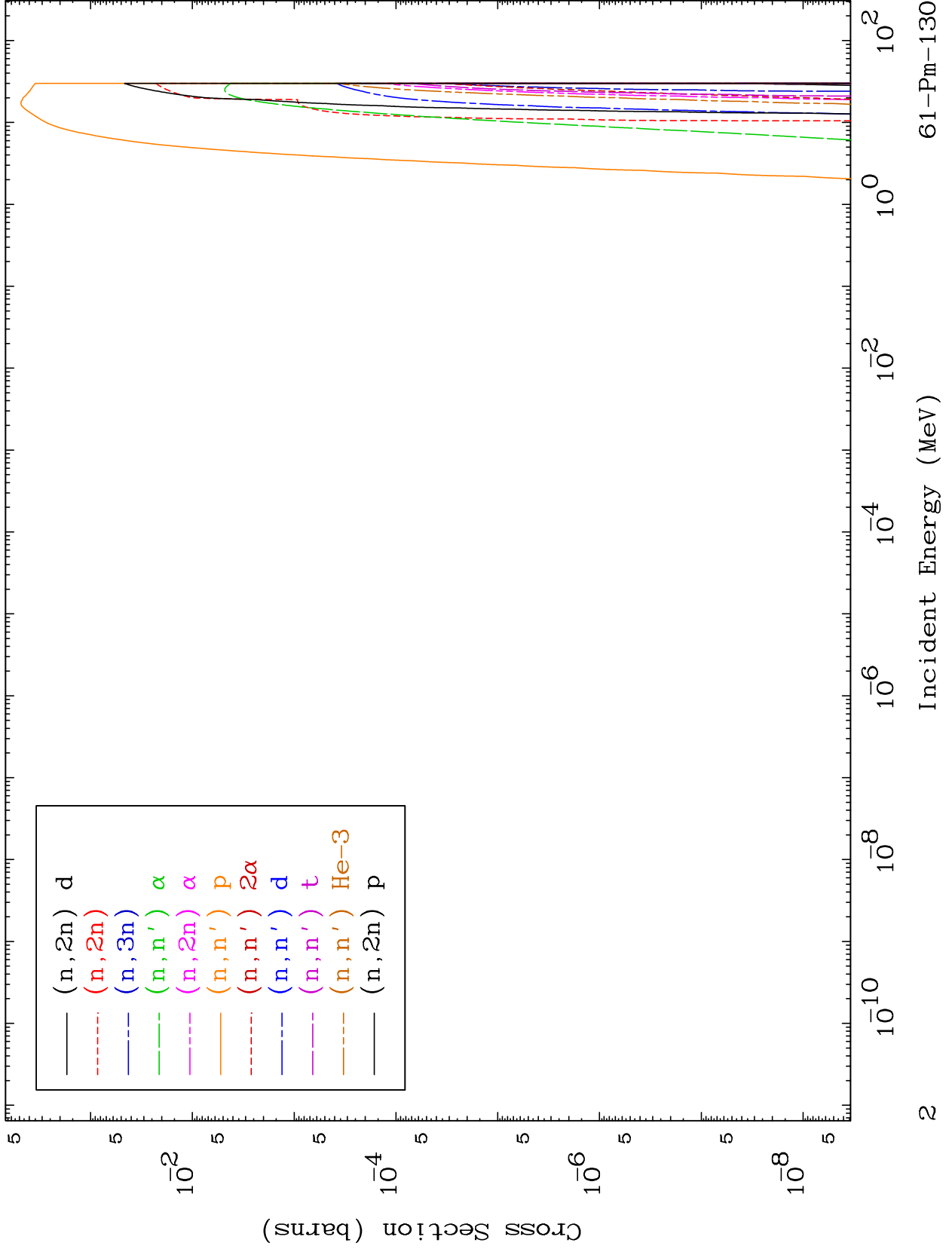


1

MAT 6098

Neutron Absorption  
293 Kelvin Cross Sections

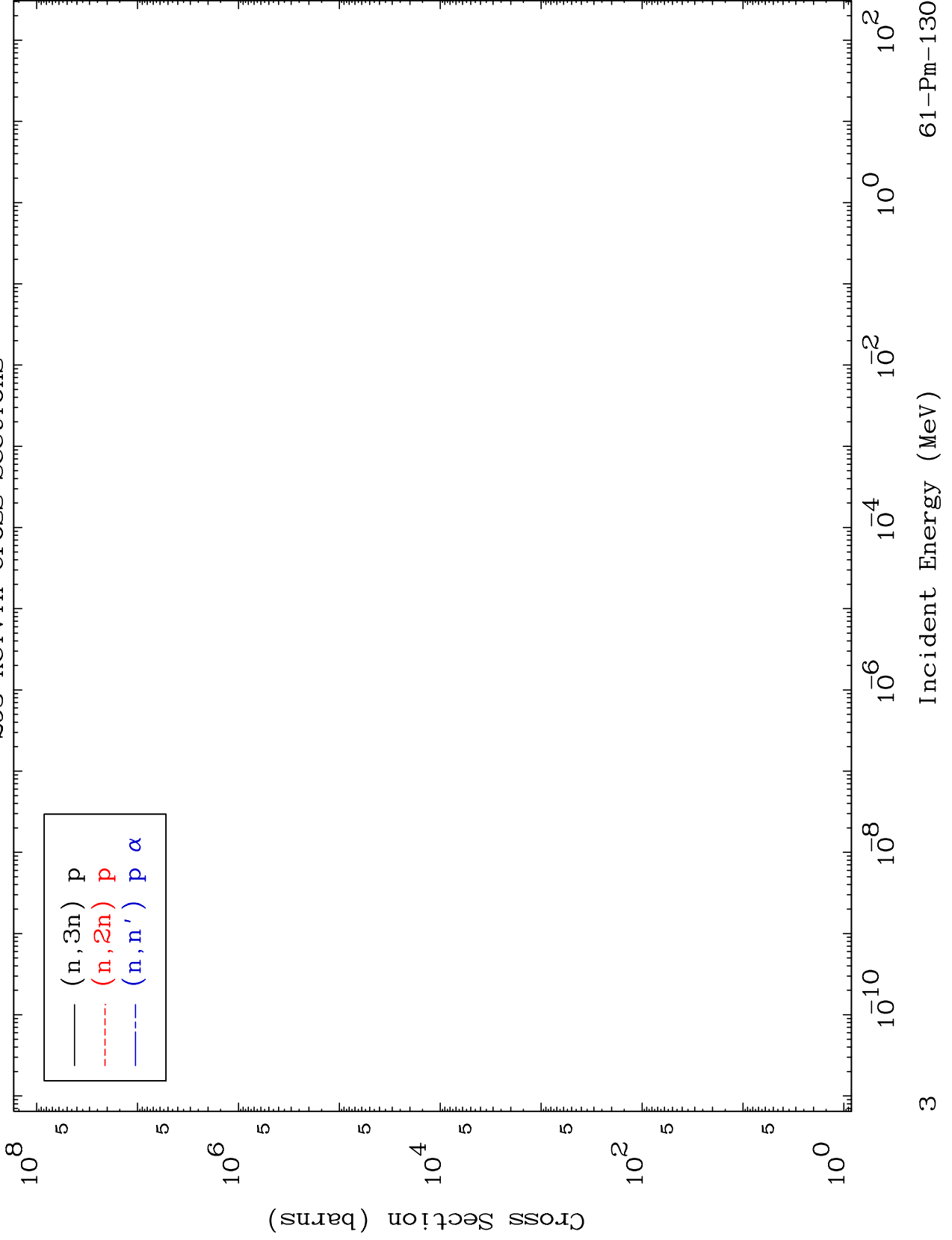
61-Pm-130

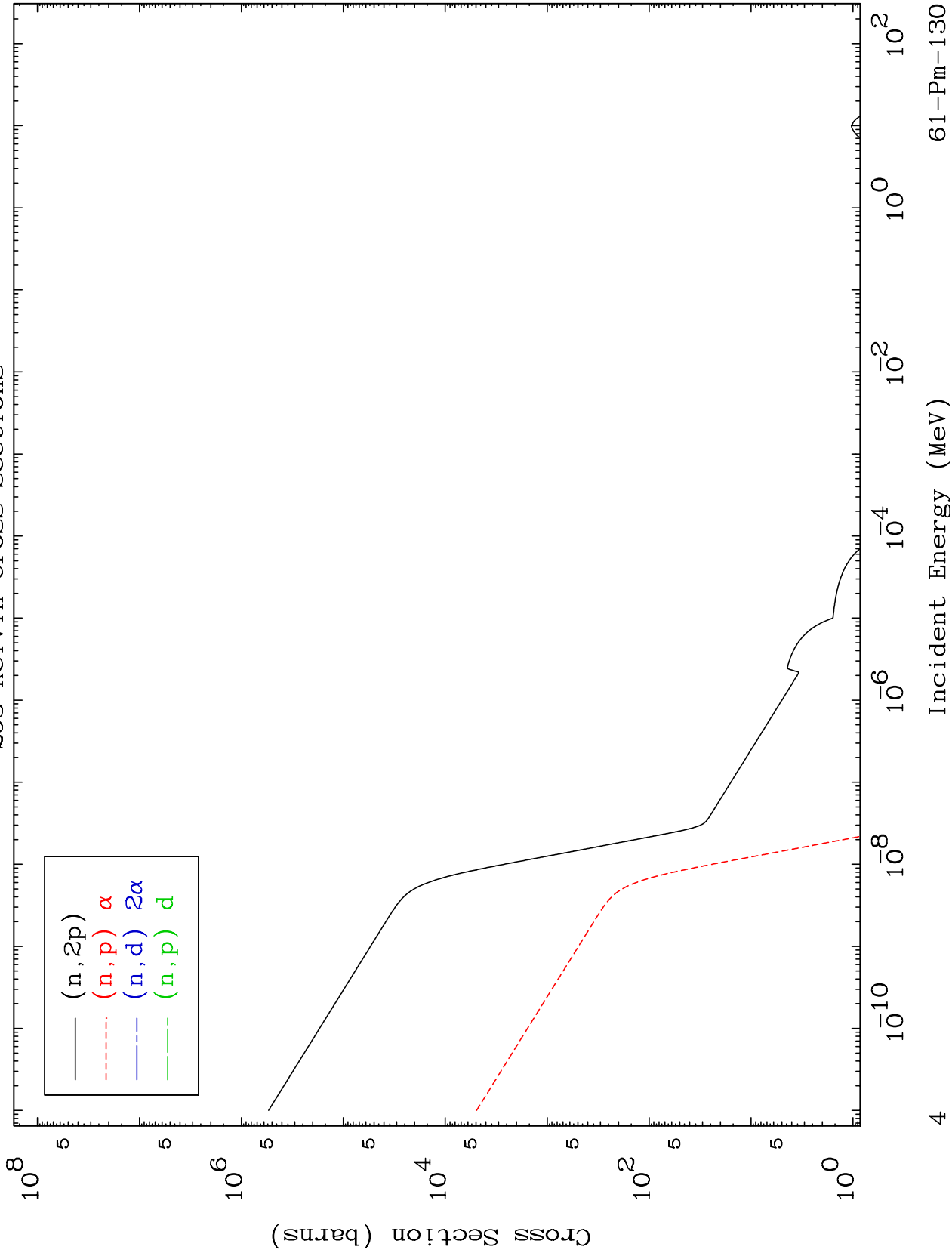


MAT 6098

Neutron Absorption  
293 Kelvin Cross Sections

61-Pm-130

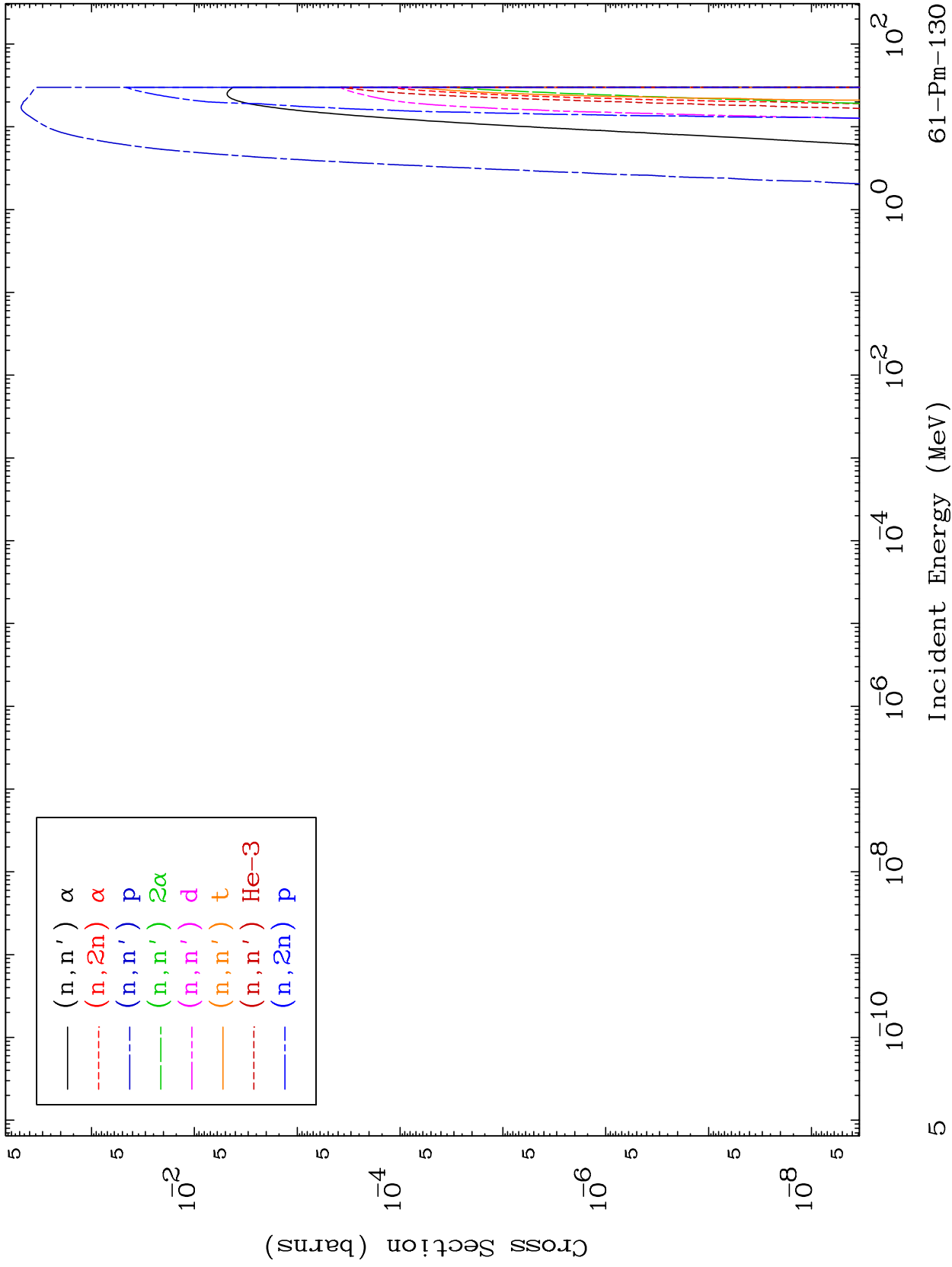




MAT 6098

Charged Particle  
293 Kelvin Cross Sections

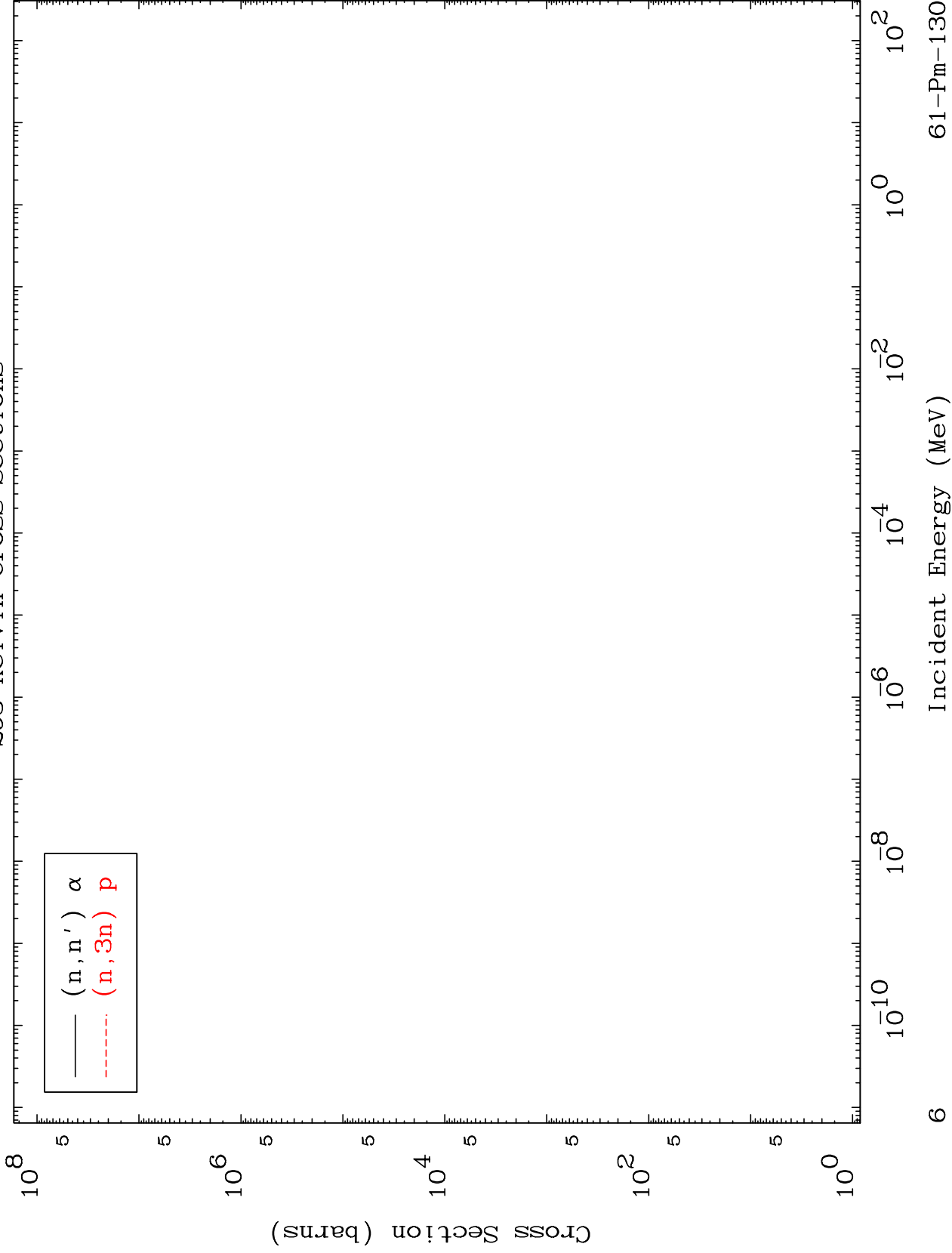
61-Pm-130



MAT 6098

Charged Particle  
293 Kelvin Cross Sections

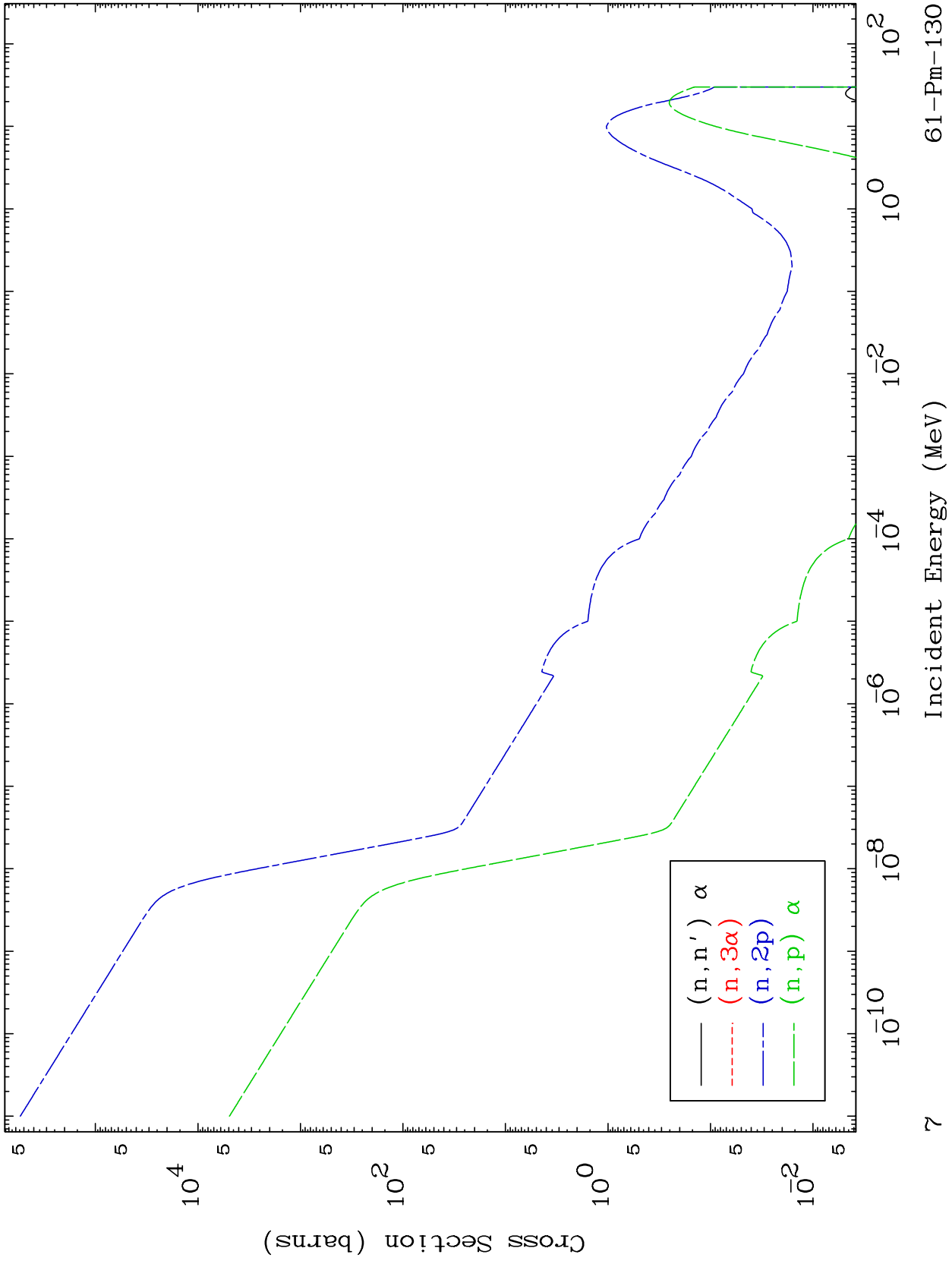
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MAT 6098

Charged Particle  
293 Kelvin Cross Sections

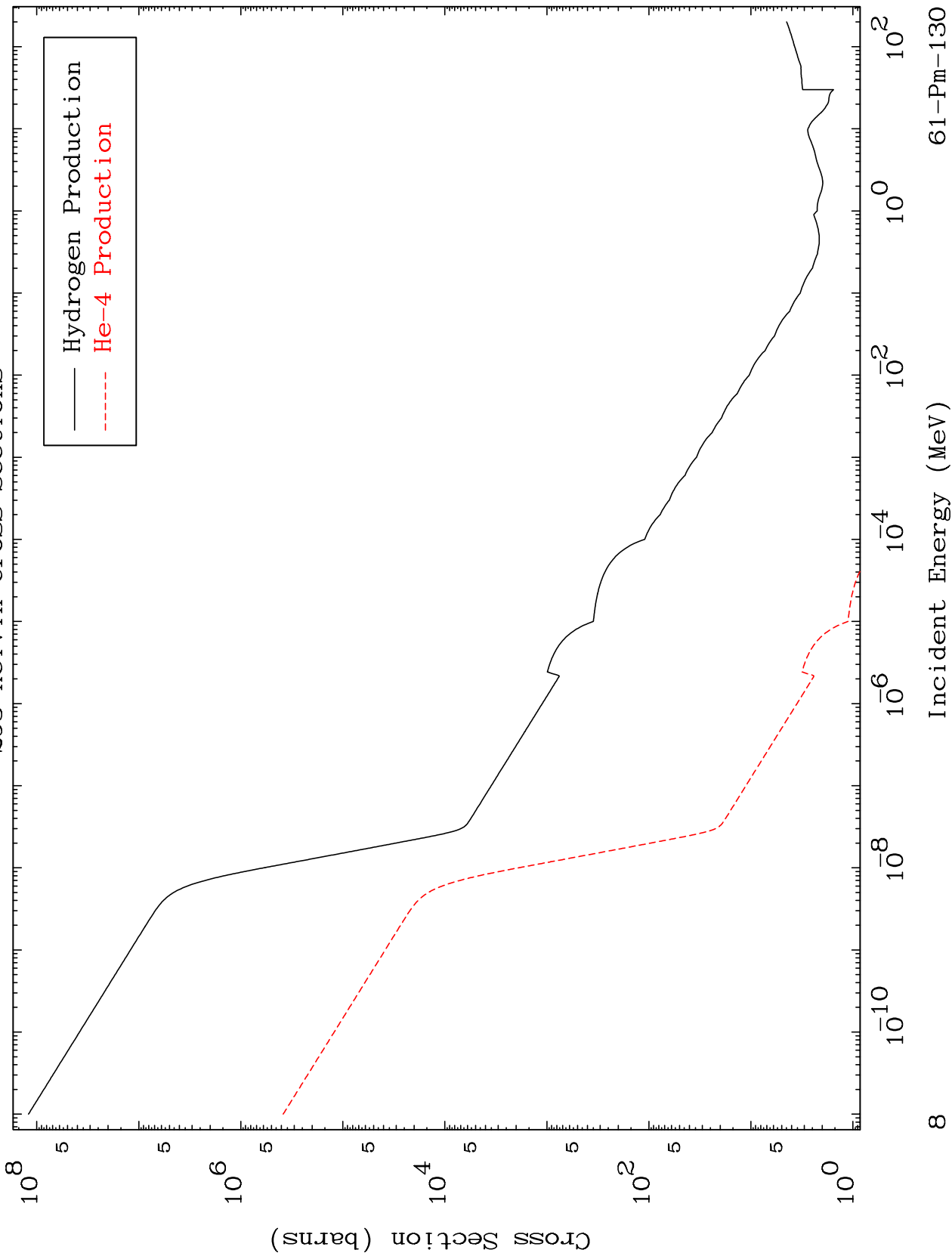
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MAT 6098

Particle Production  
293 Kelvin Cross Sections

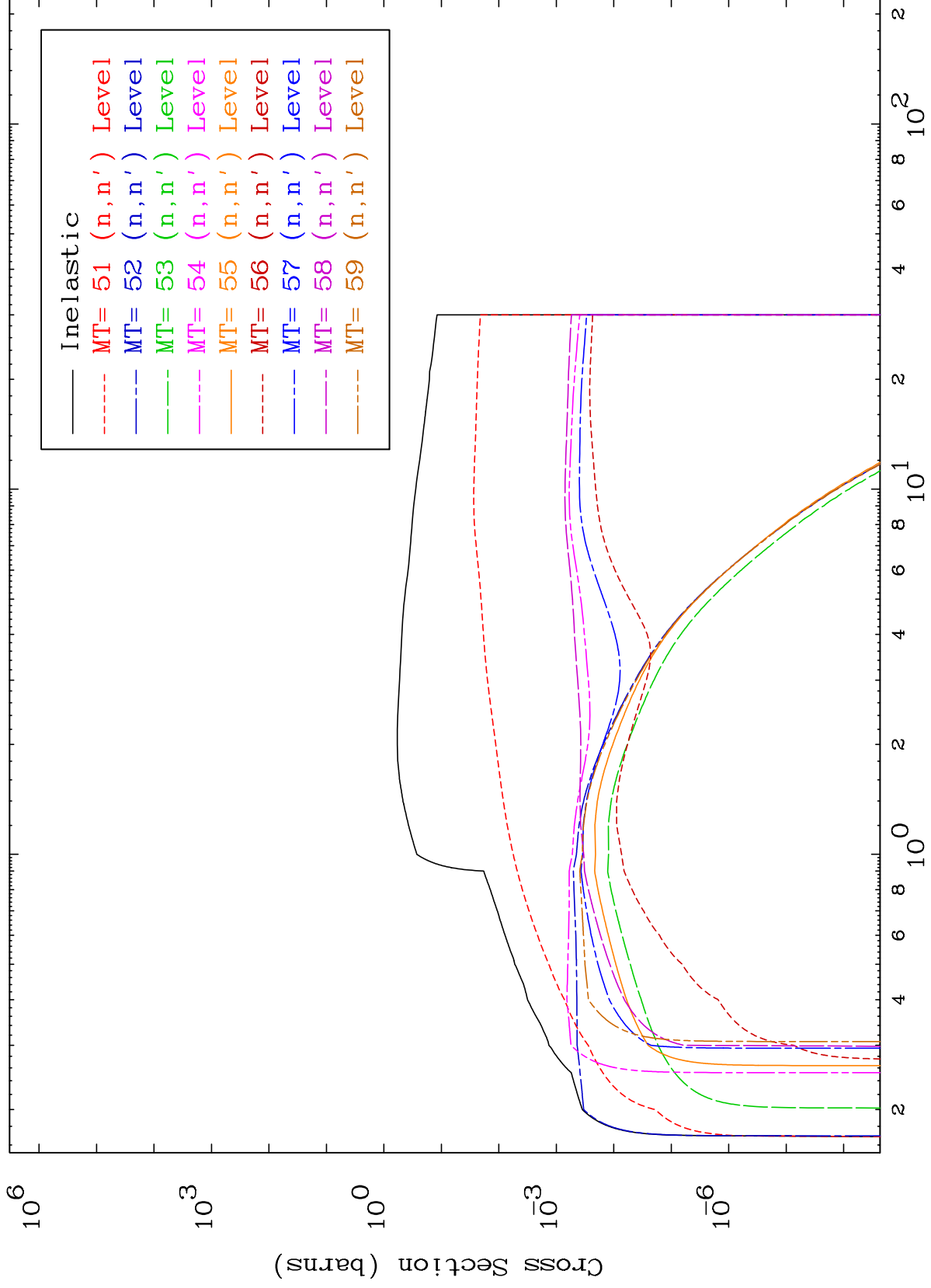
61-Pm-130



MAT 6098

(n,n') Levels  
293 Kelvin Cross Sections

61-Pm-130

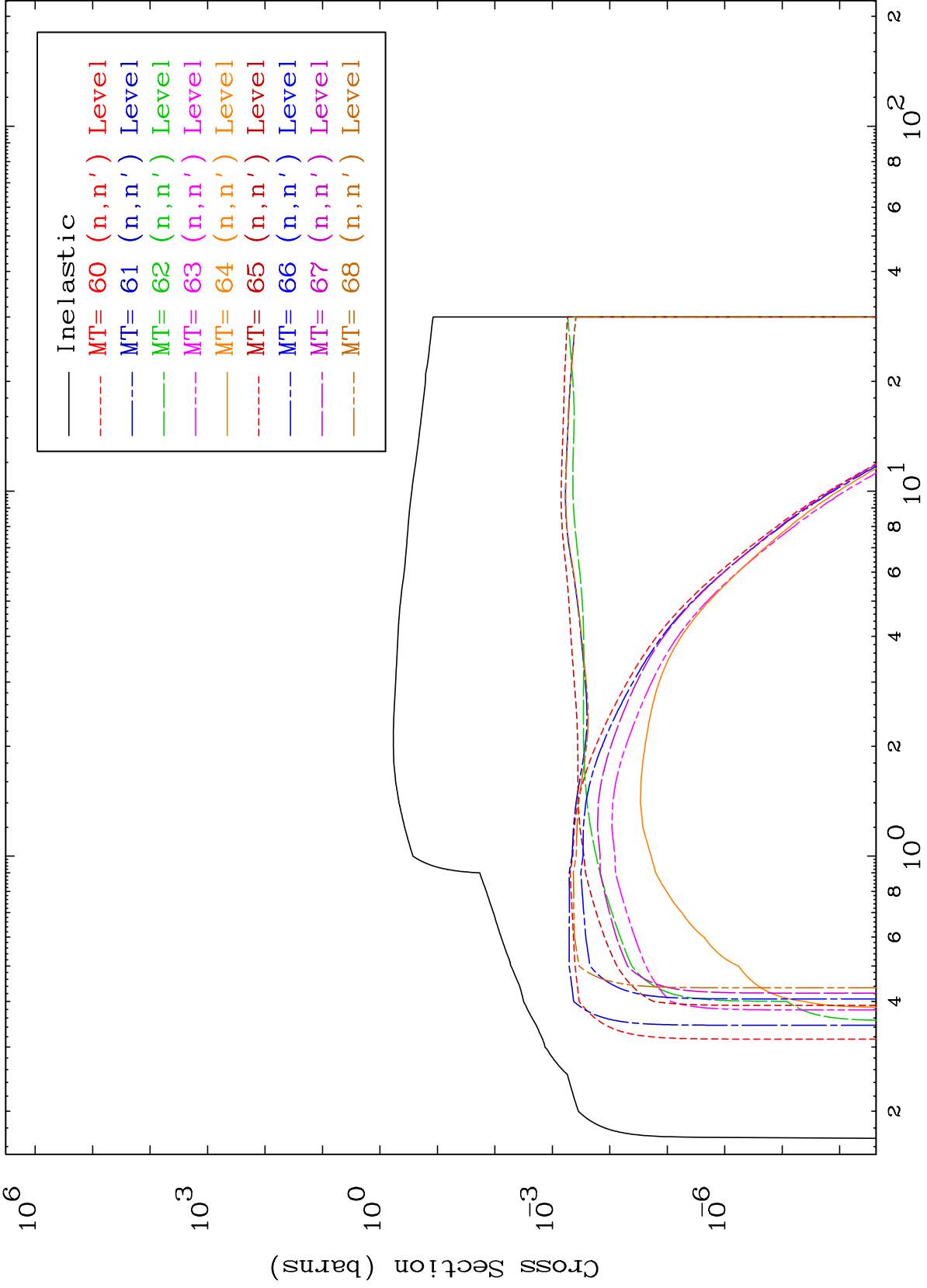


MAT 6098

(n,n') Levels

61-Pm-130

293 Kelvin Cross Sections



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Incident Energy (MeV)

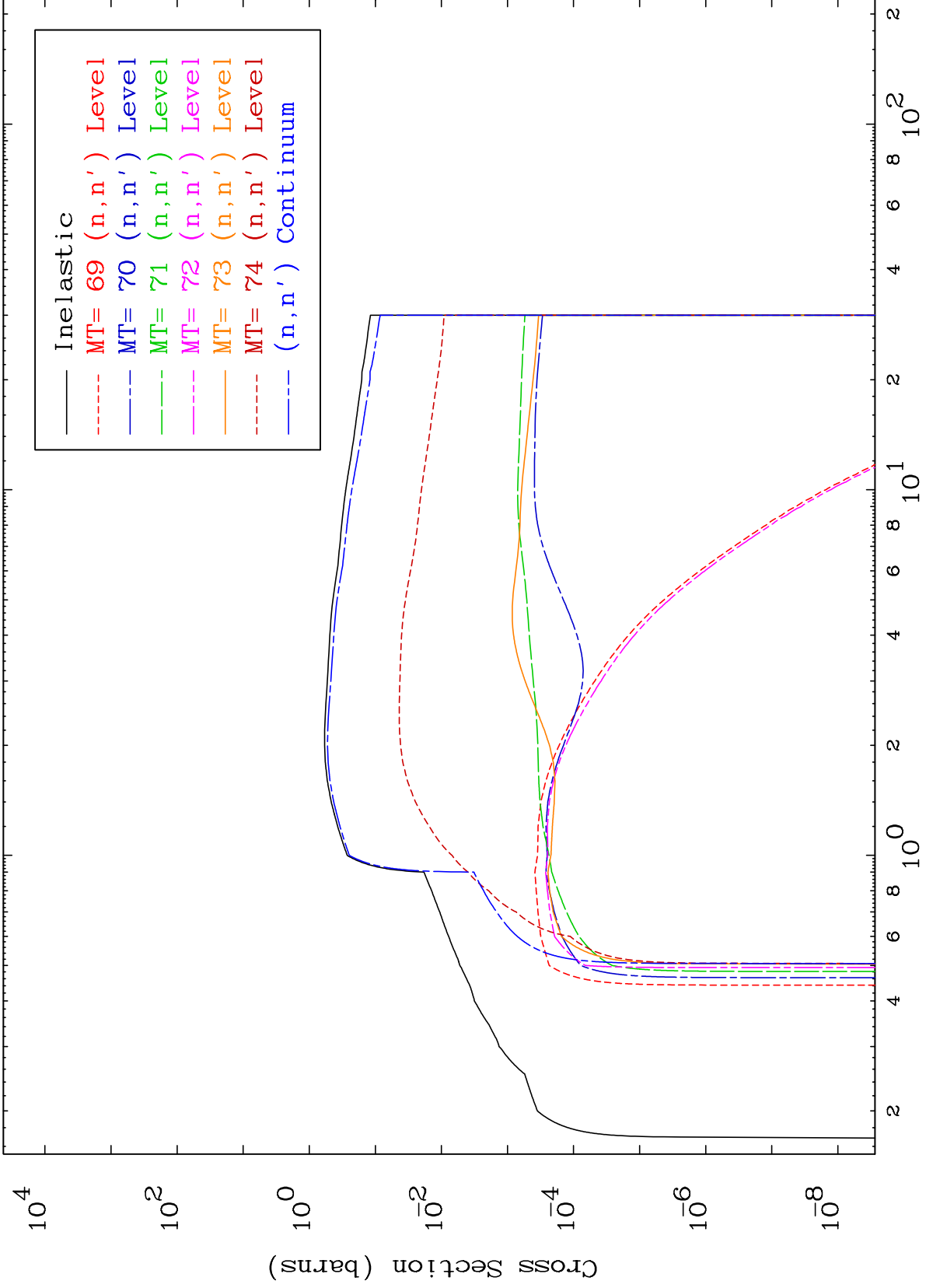
61-Pm-130

MAT 6098

(n,n') Levels

61-Pm-130

293 Kelvin Cross Sections



11

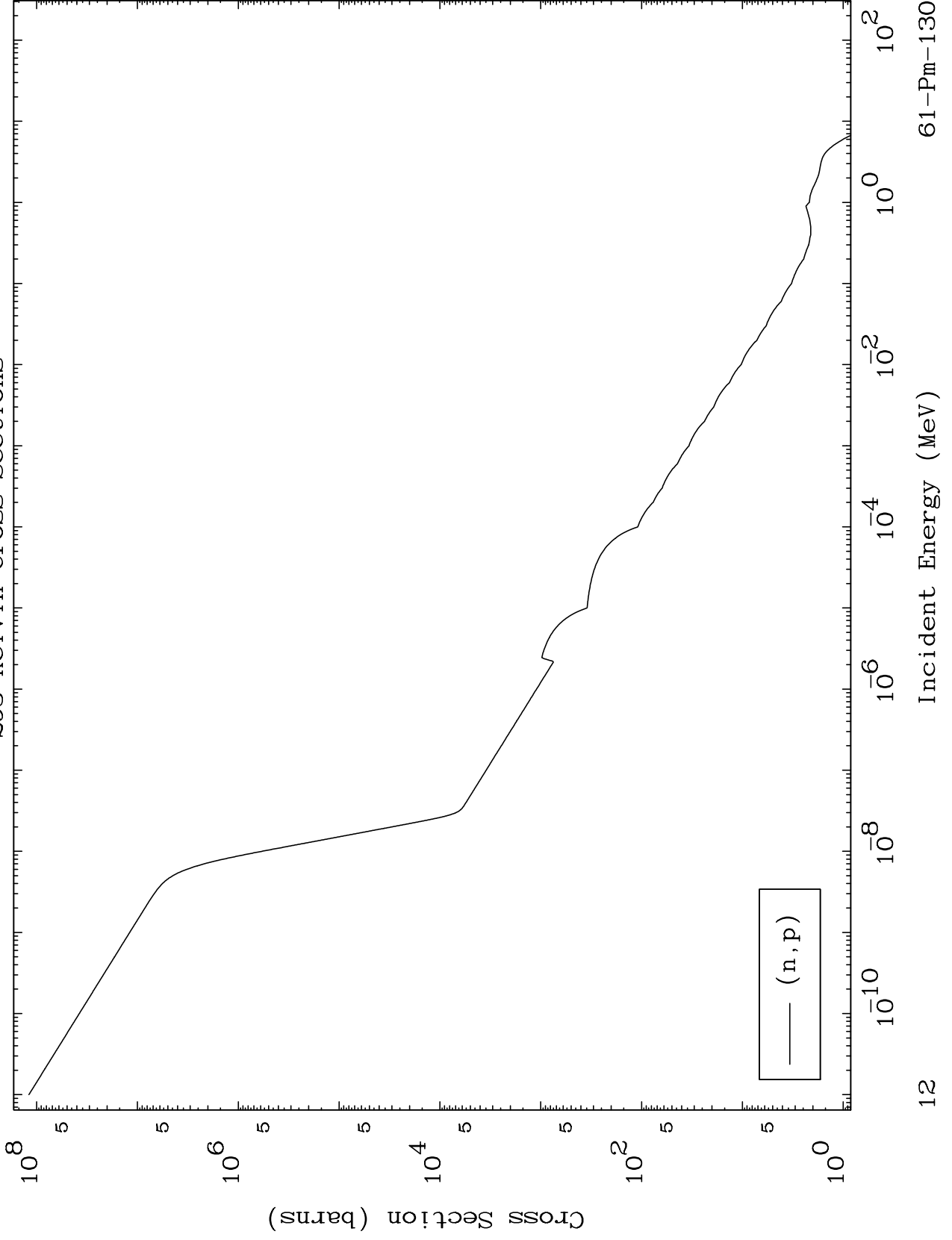
Incident Energy (MeV)

61-Pm-130

MAT 6098

(n,p) Levels  
293 Kelvin Cross Sections

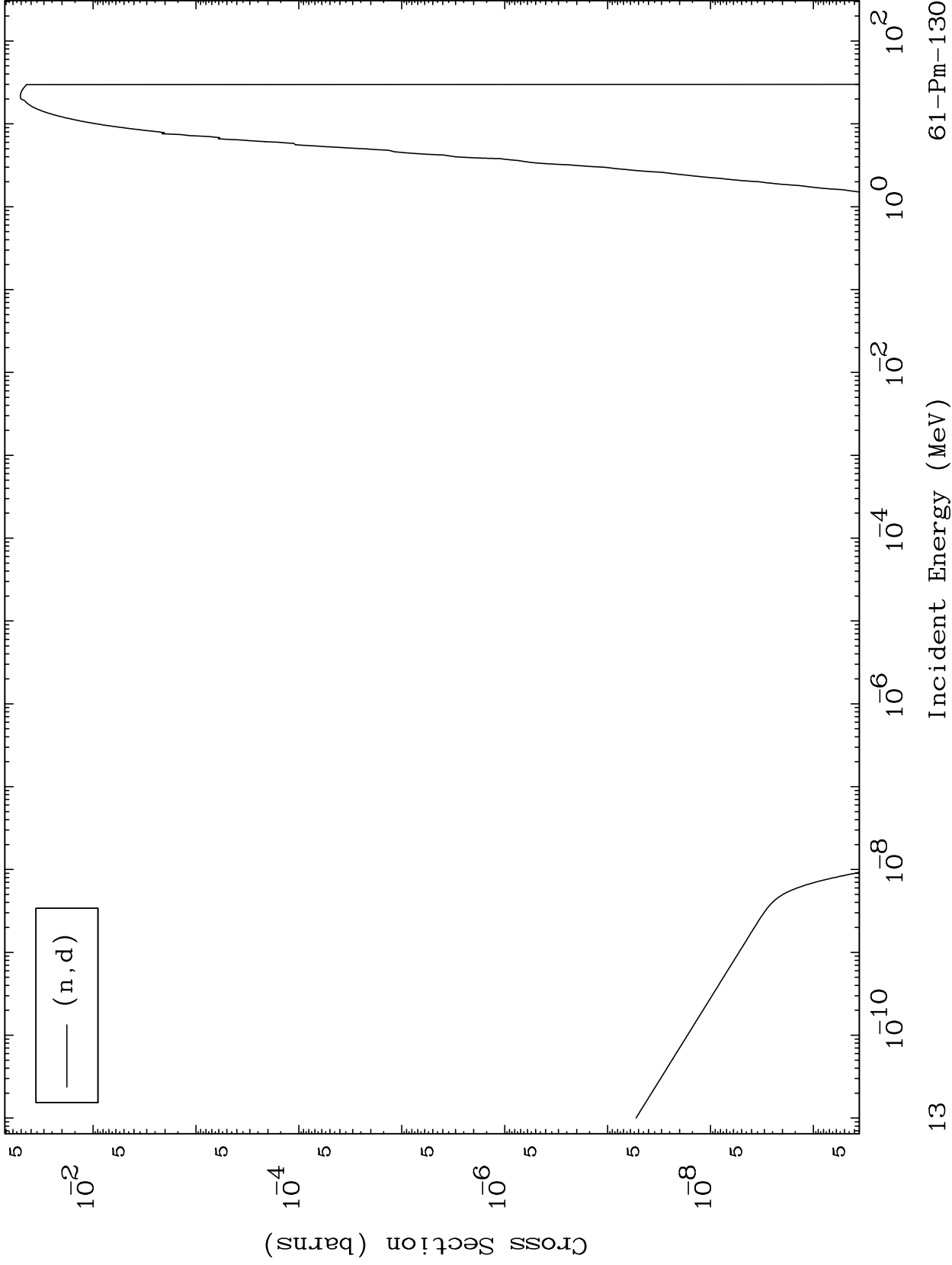
61-Pm-130



MAT 6098

(n,d) Levels  
293 Kelvin Cross Sections

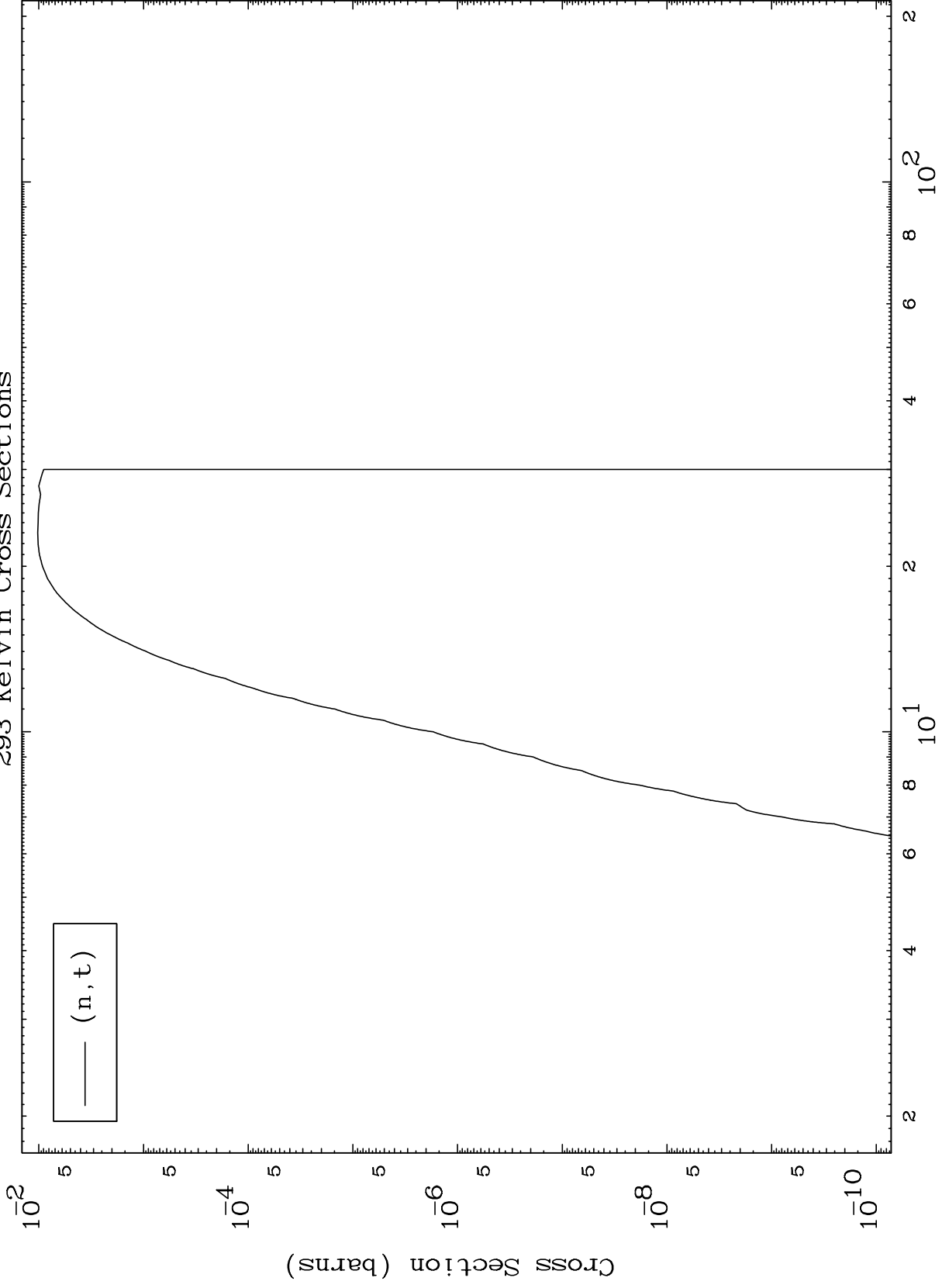
61-Pm-130



MAT 6098

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-130



14

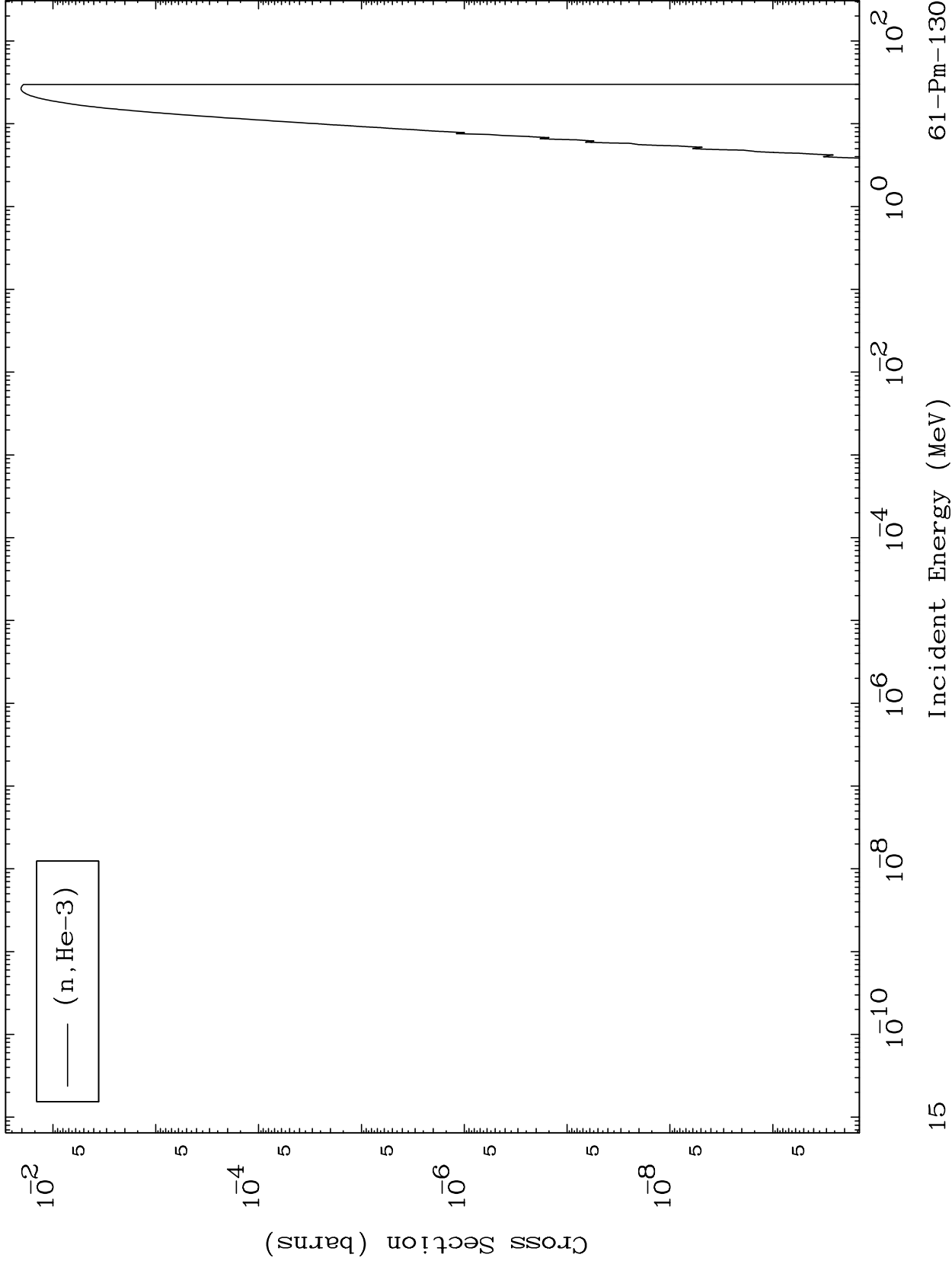
Incident Energy (MeV)

61-Pm-130

MAT 6098

(n,He3) Levels  
293 Kelvin Cross Sections

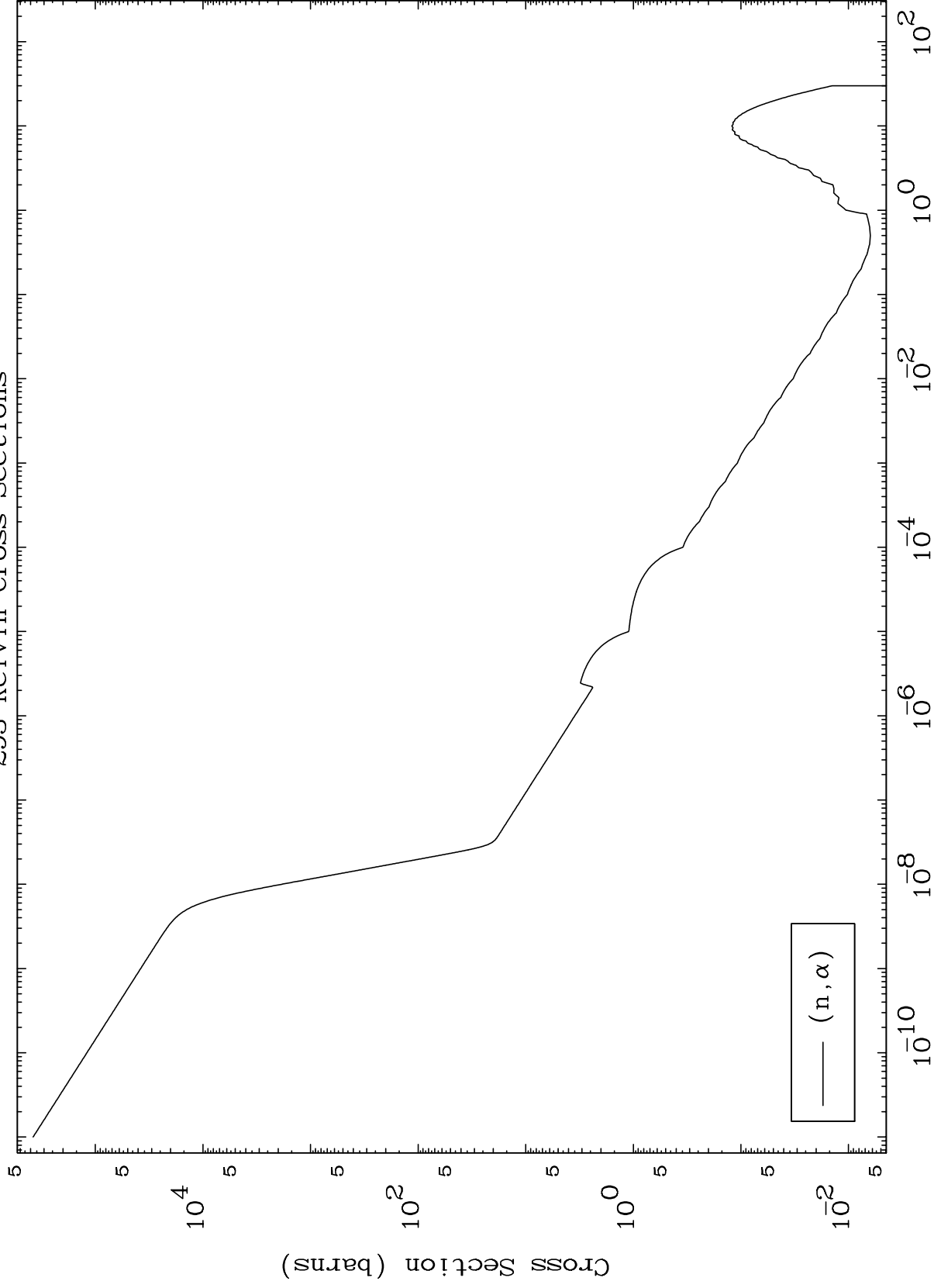
61-Pm-130



MAT 6098

(n,α) Levels  
293 Kelvin Cross Sections

61-Pm-130



16

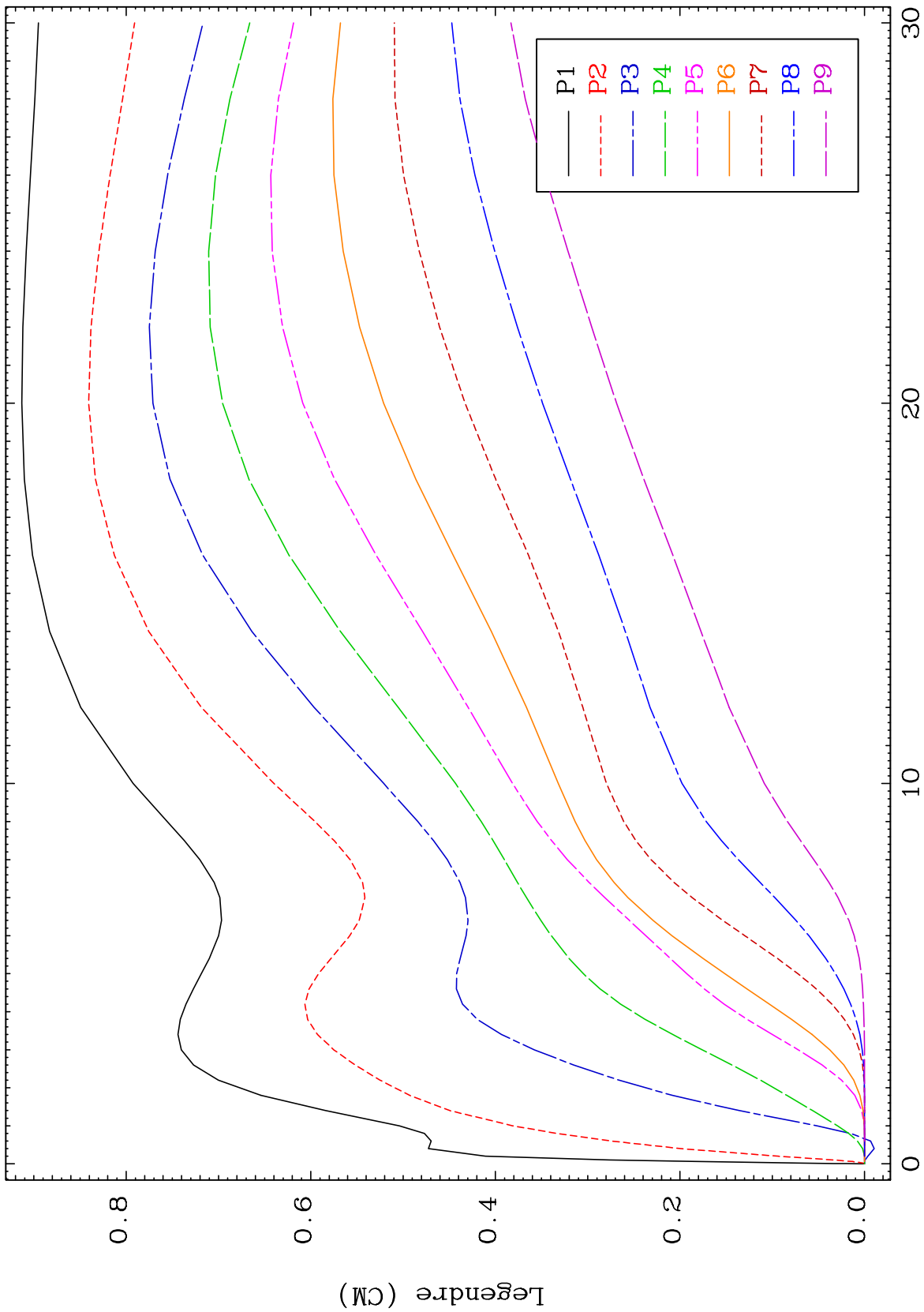
Incident Energy (MeV)

61-Pm-130

MAT 6098

Elastic Legendre Coefficients

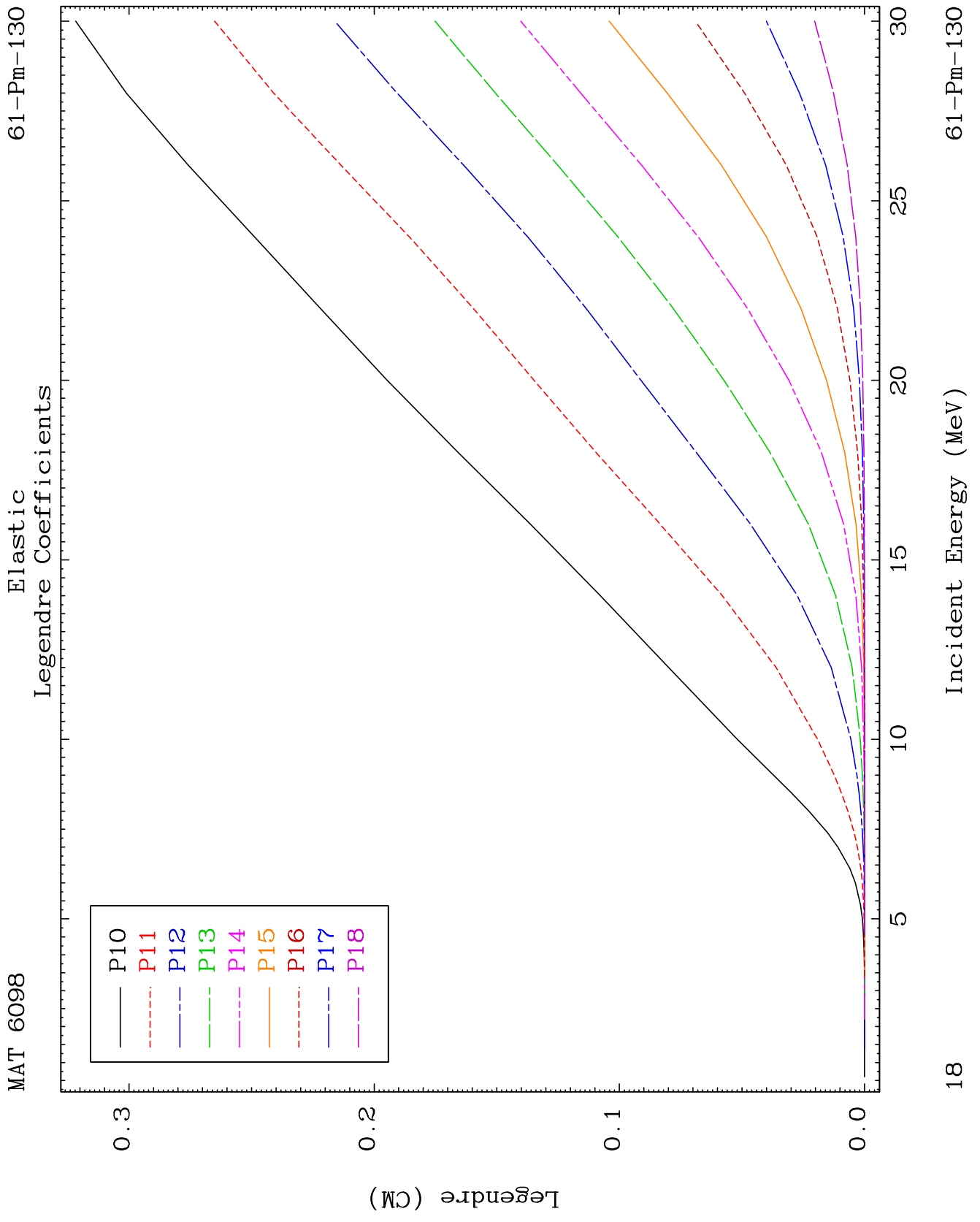
61-Pm-130



17

Incident Energy (MeV)

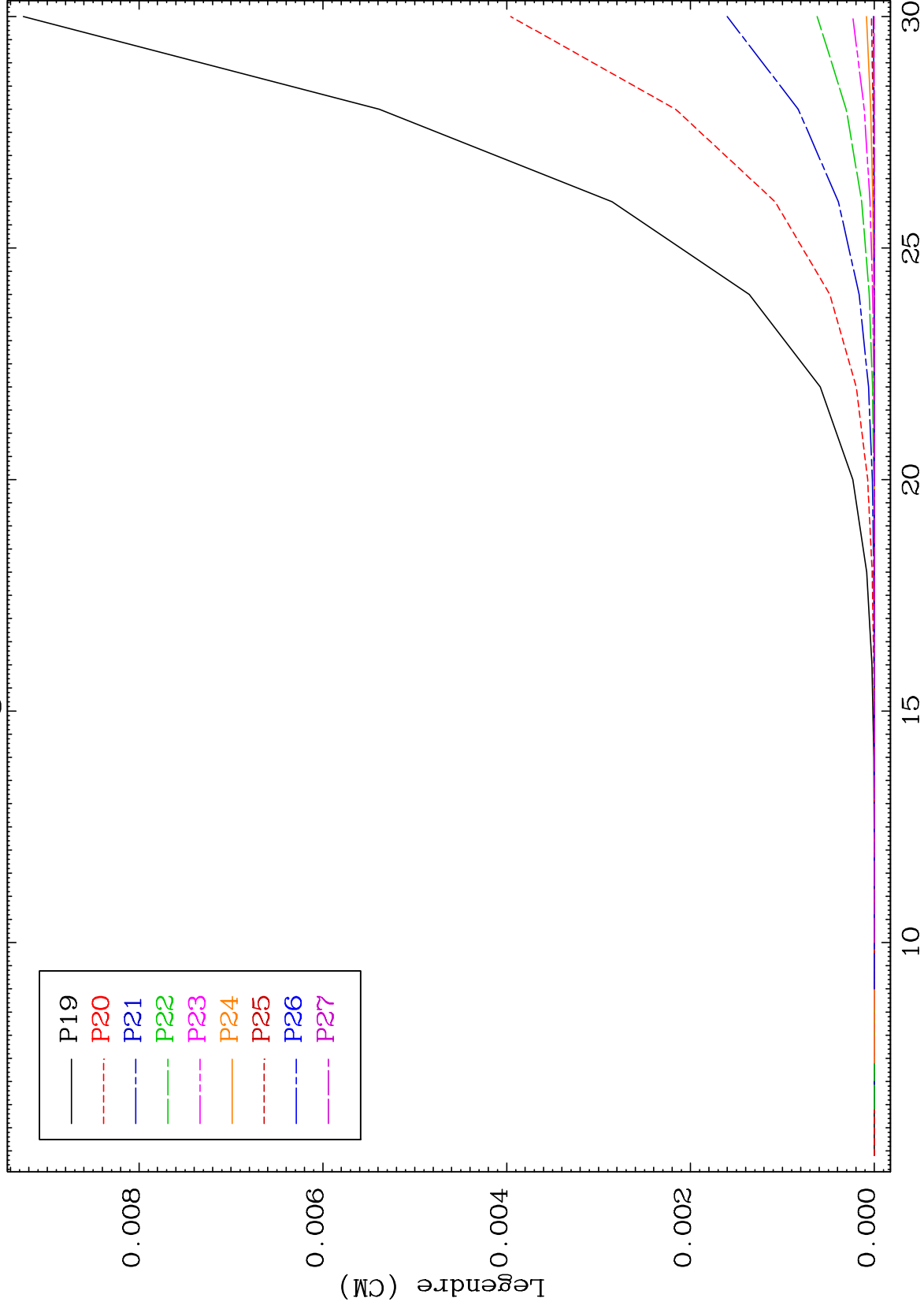
61-Pm-130



MAT 6098

### Elastic Legendre Coefficients

61-Pm-130



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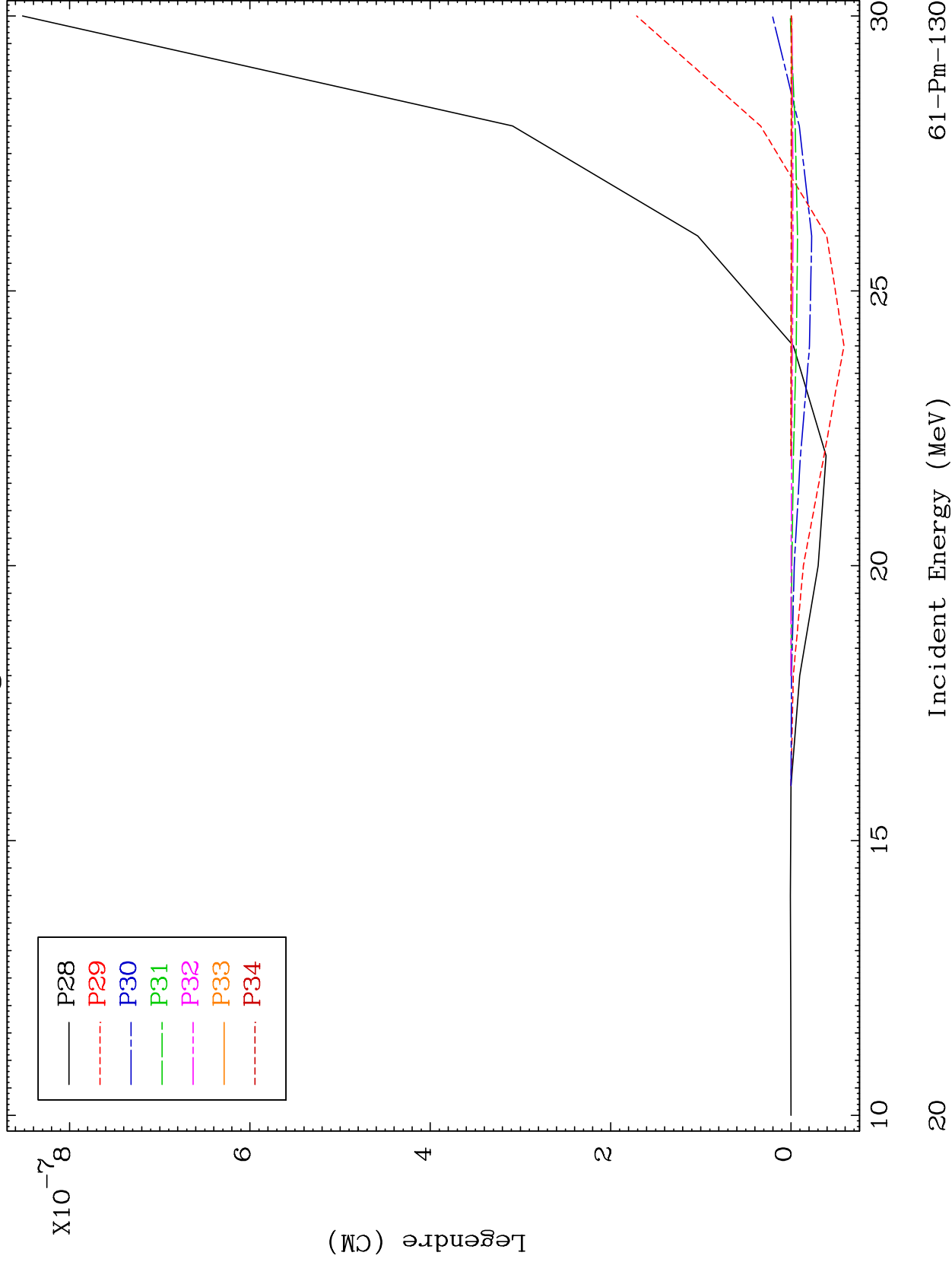
Incident Energy (MeV)

61-Pm-130

MAT 6098

Elastic Legendre Coefficients

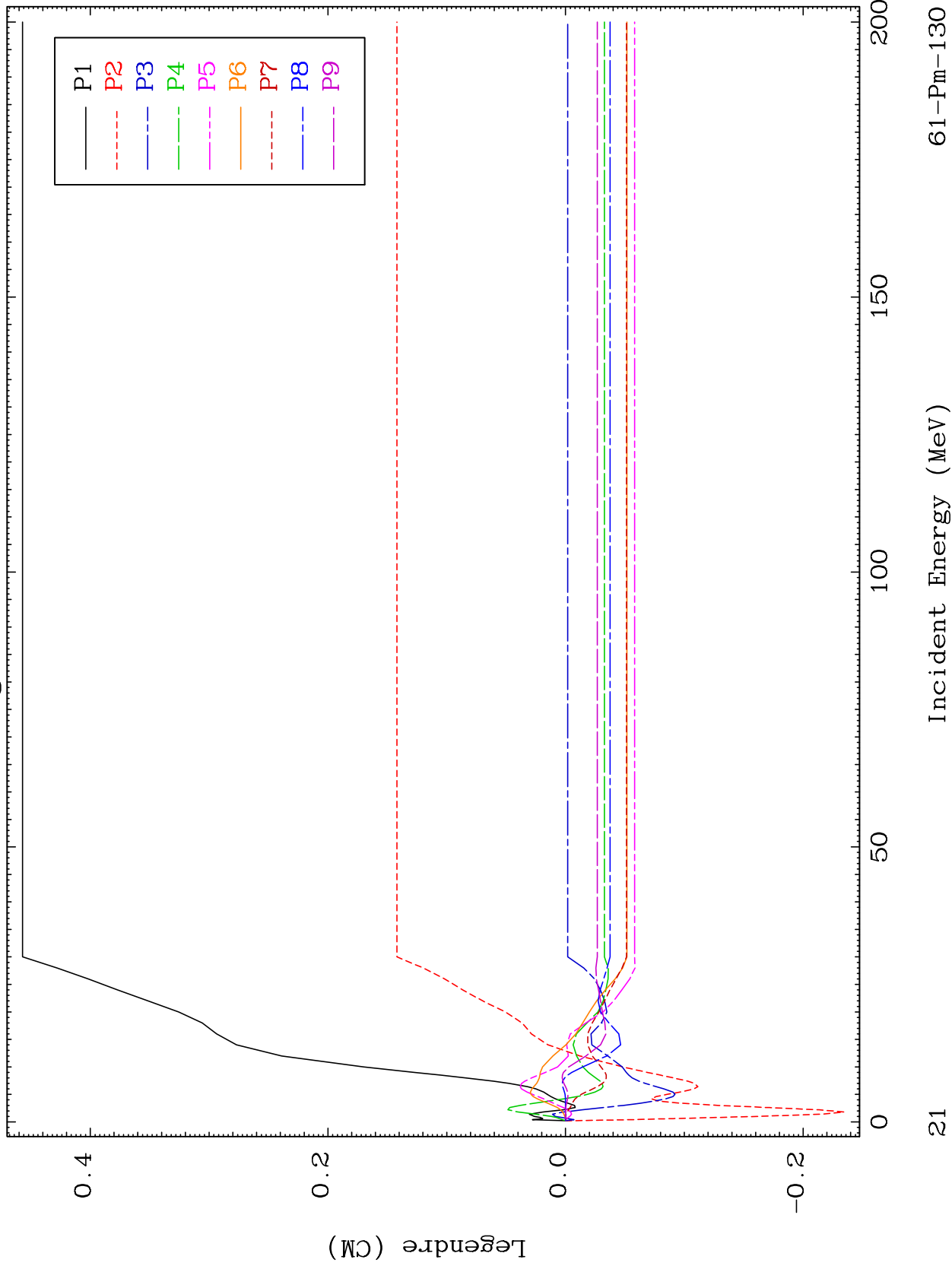
61-Pm-130



MAT 6098

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

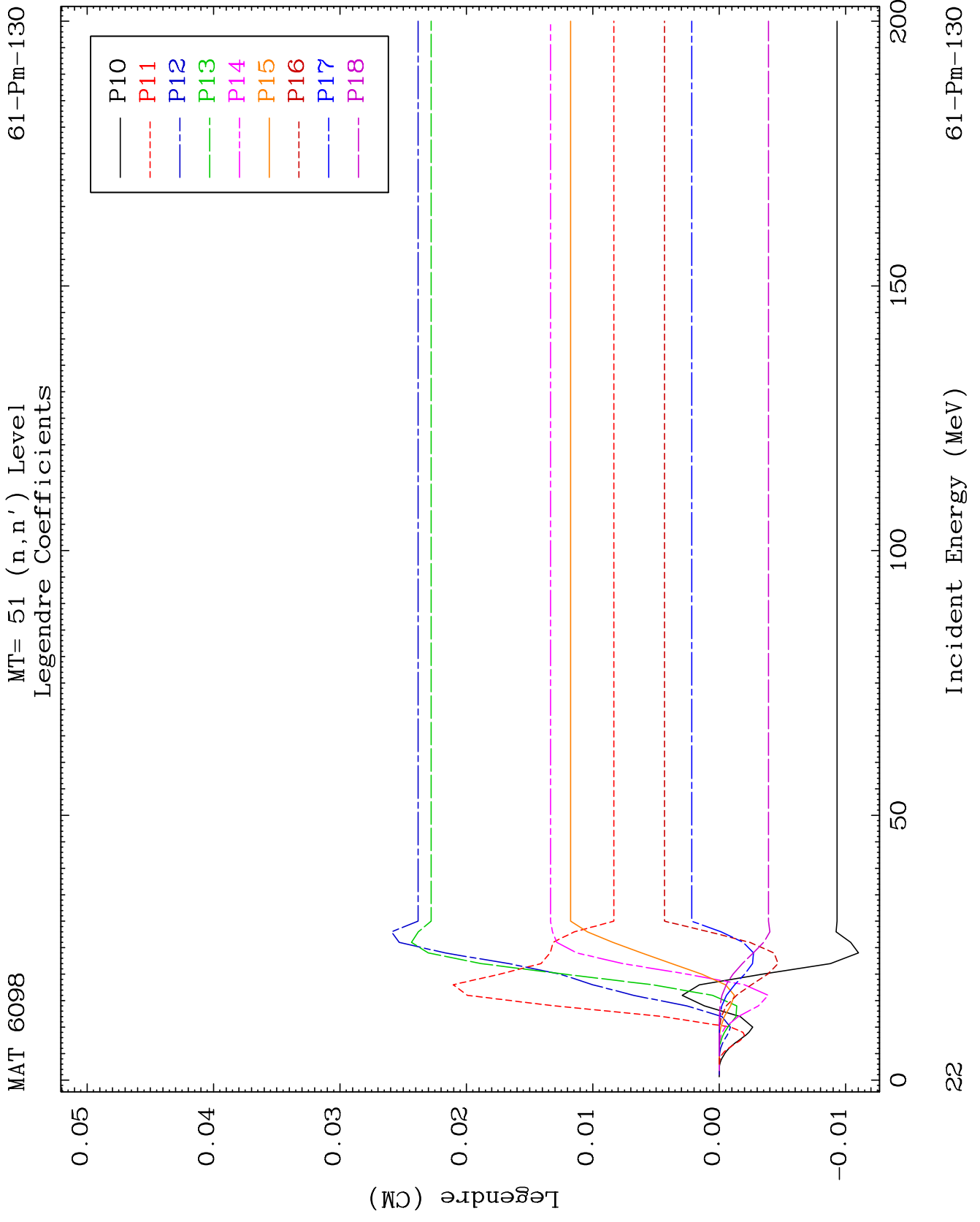
61-Pm-130



61-Pm-130

Incident Energy (MeV)

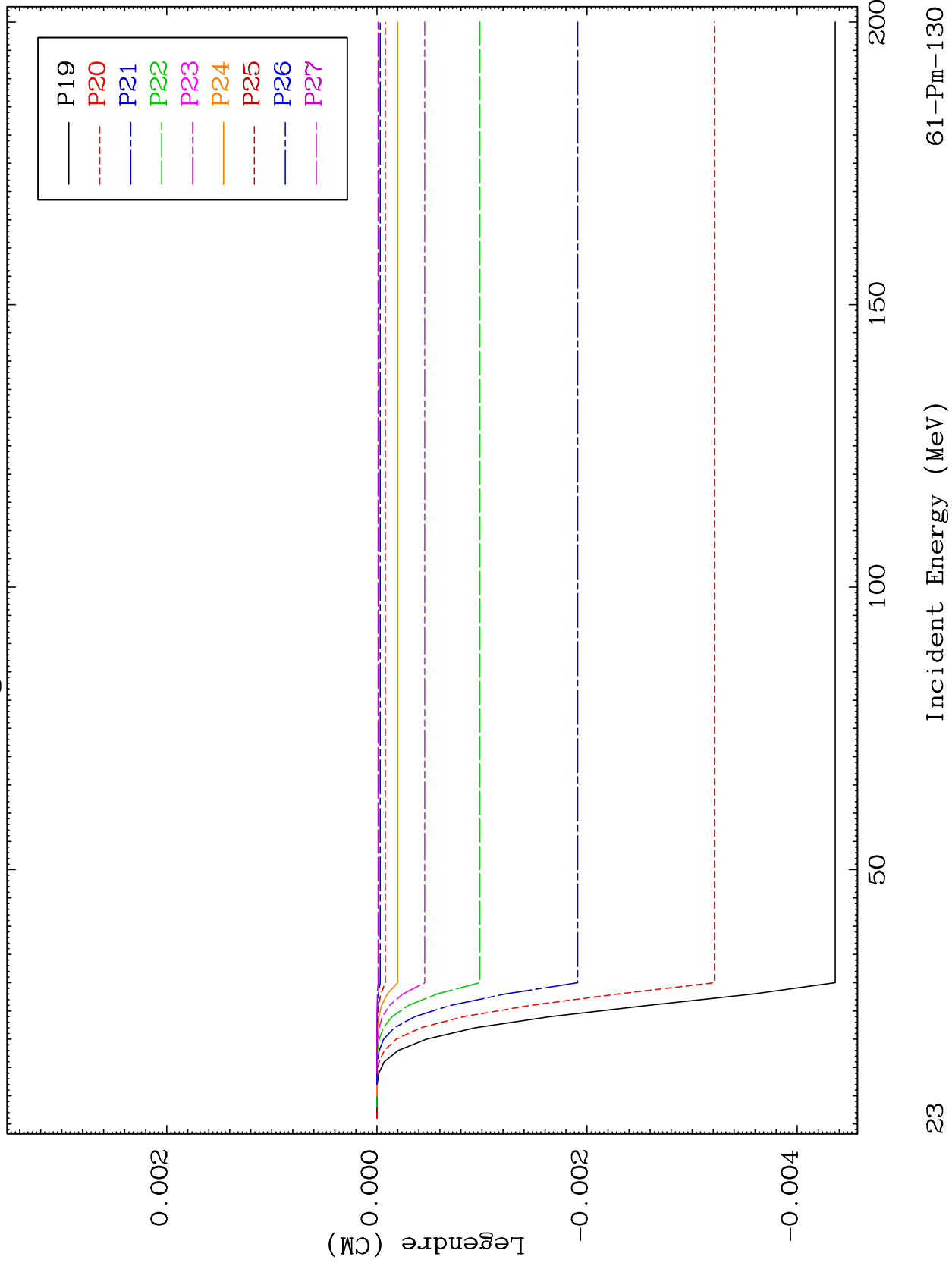
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MAT 6098

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

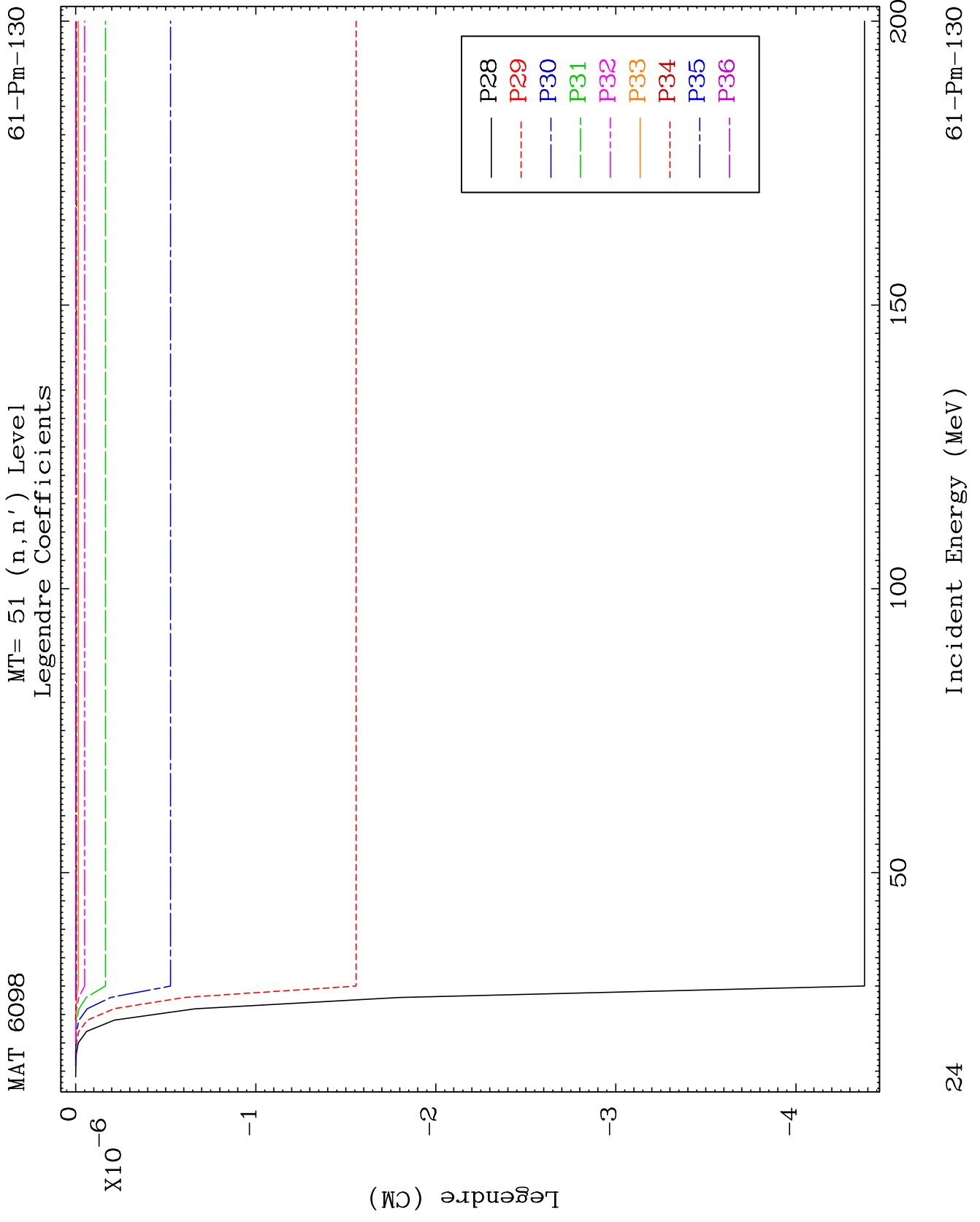
61-Pm-130



23

Incident Energy (MeV)

61-Pm-130

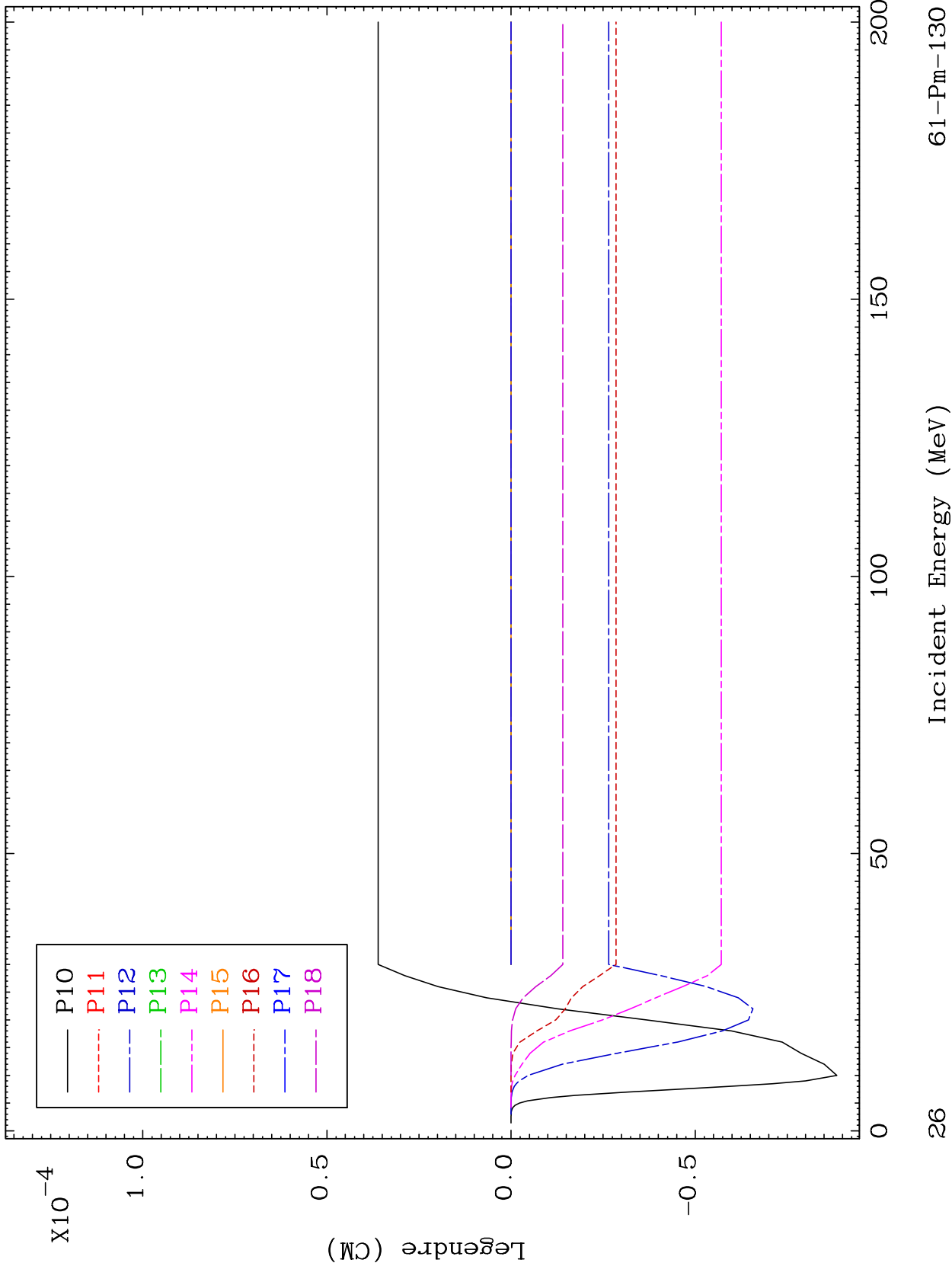




MAT 6098

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

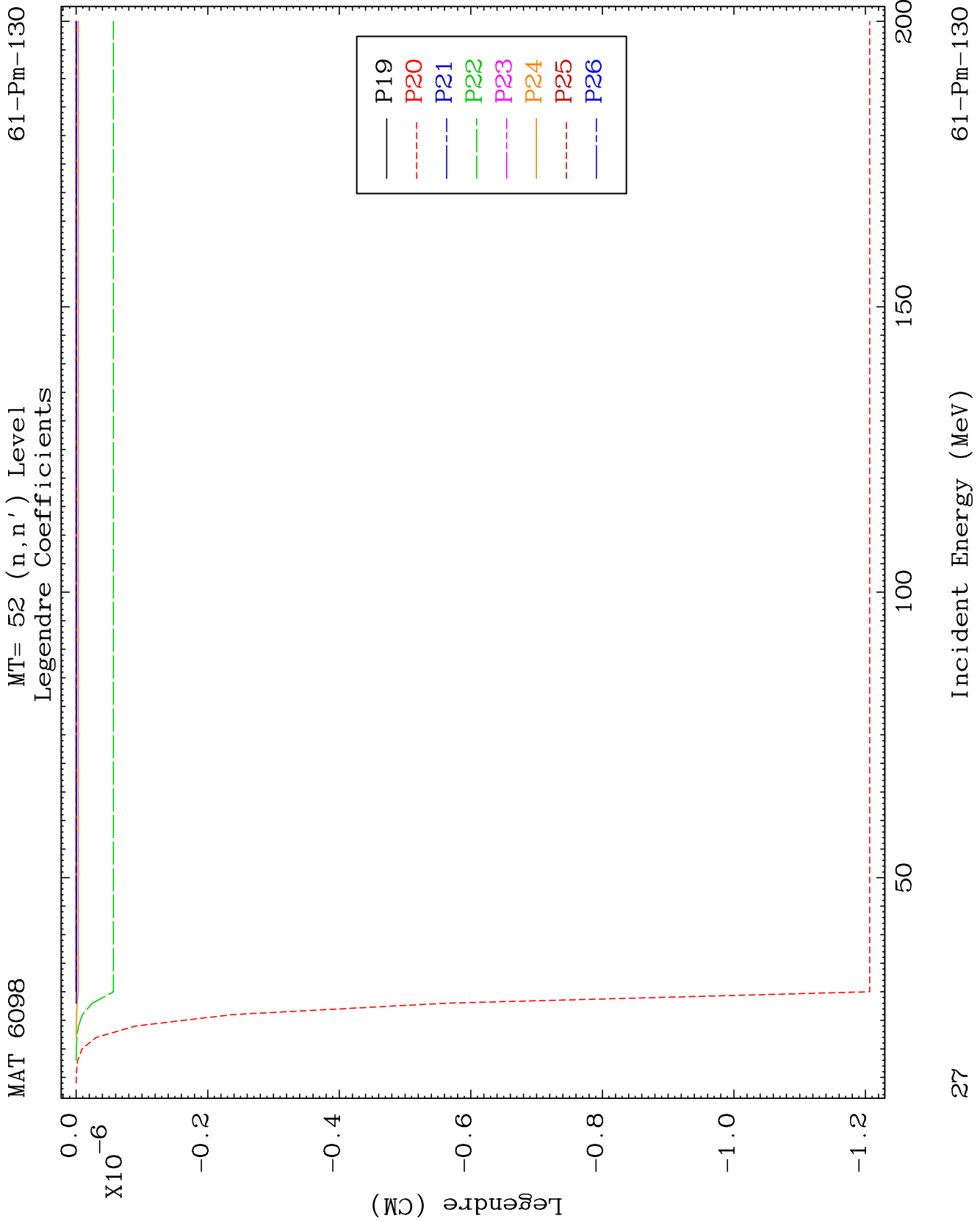
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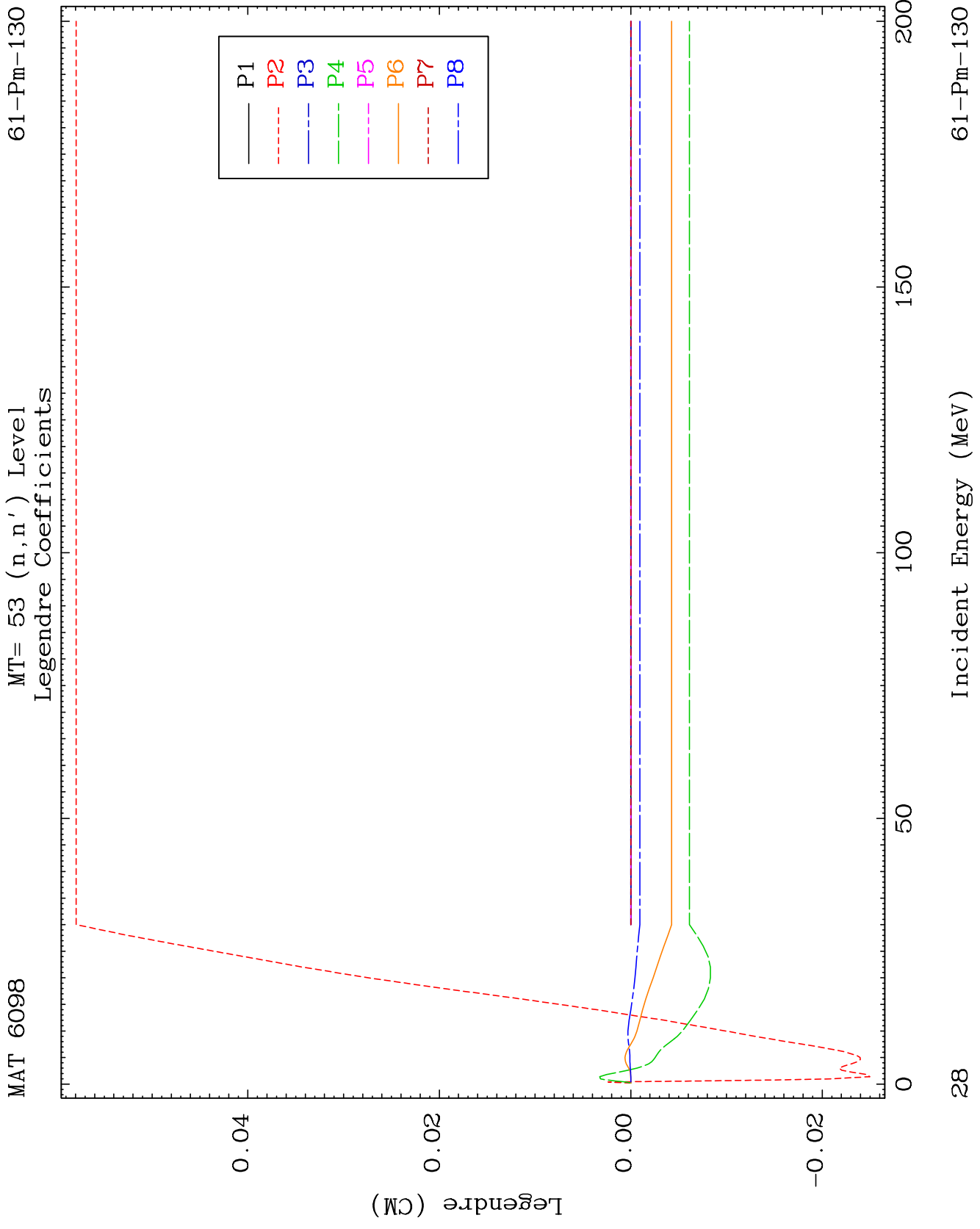


26

Incident Energy (MeV)

61-Pm-130

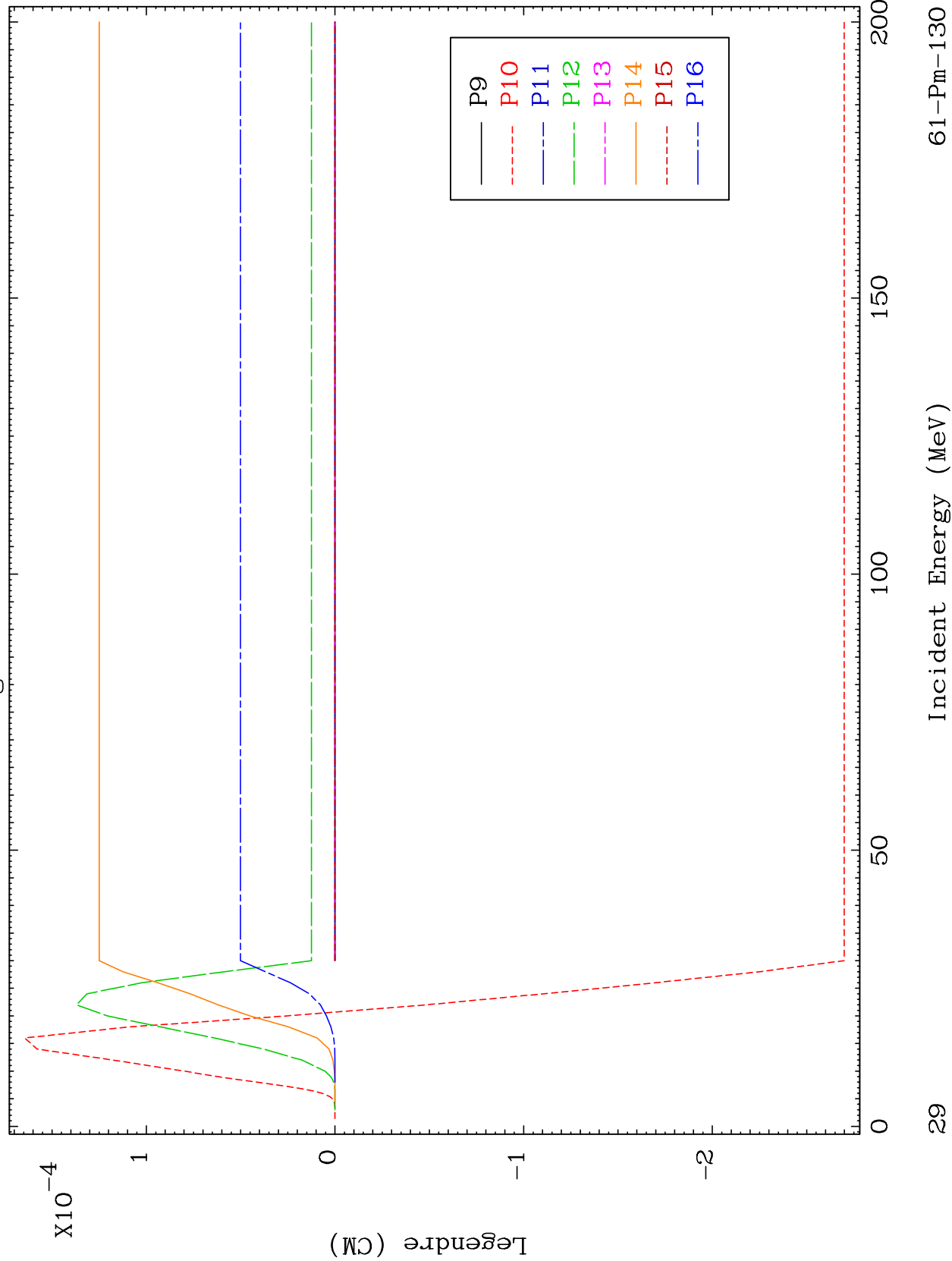




MAT 6098

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

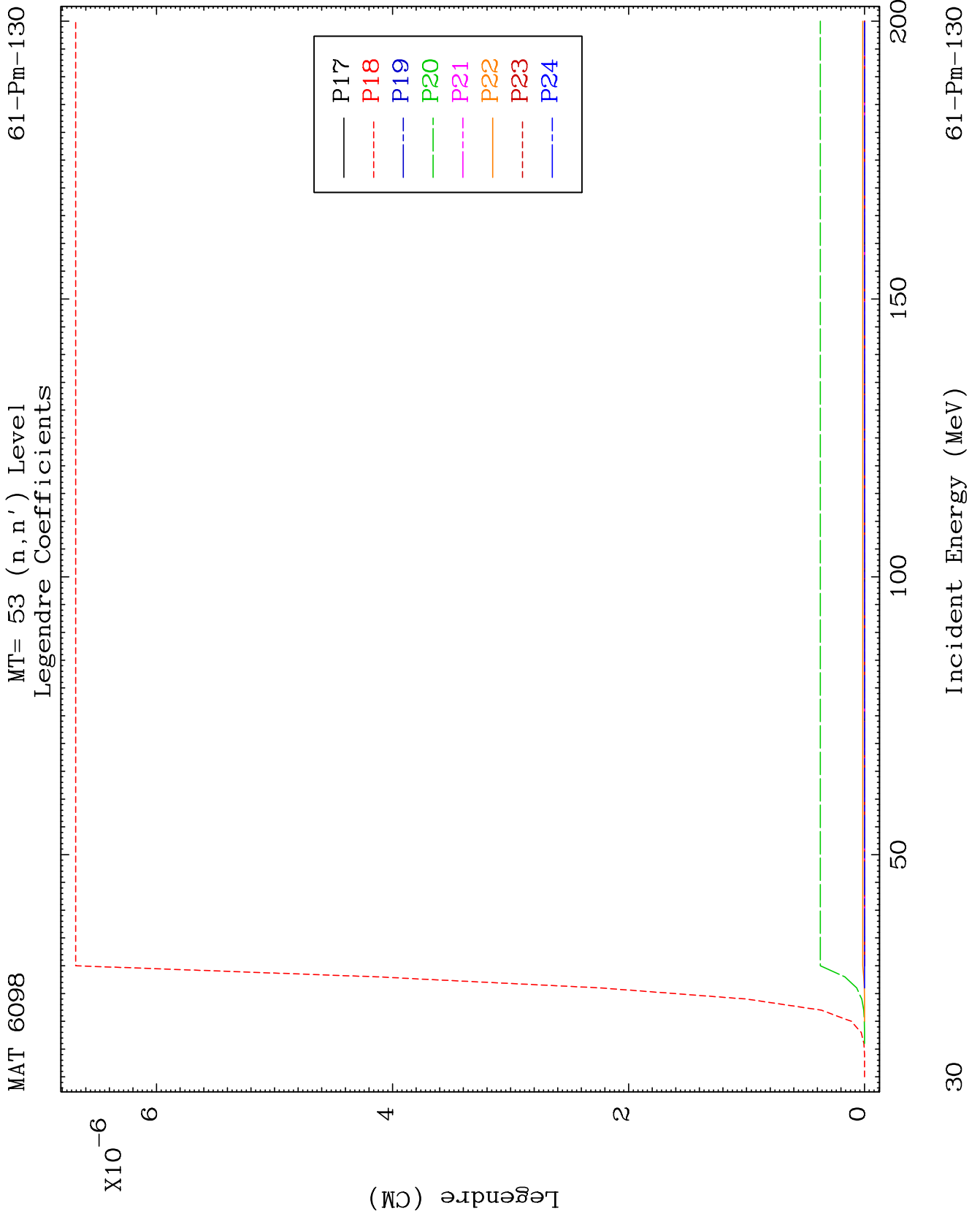
61-Pm-130



29

Incident Energy (MeV)

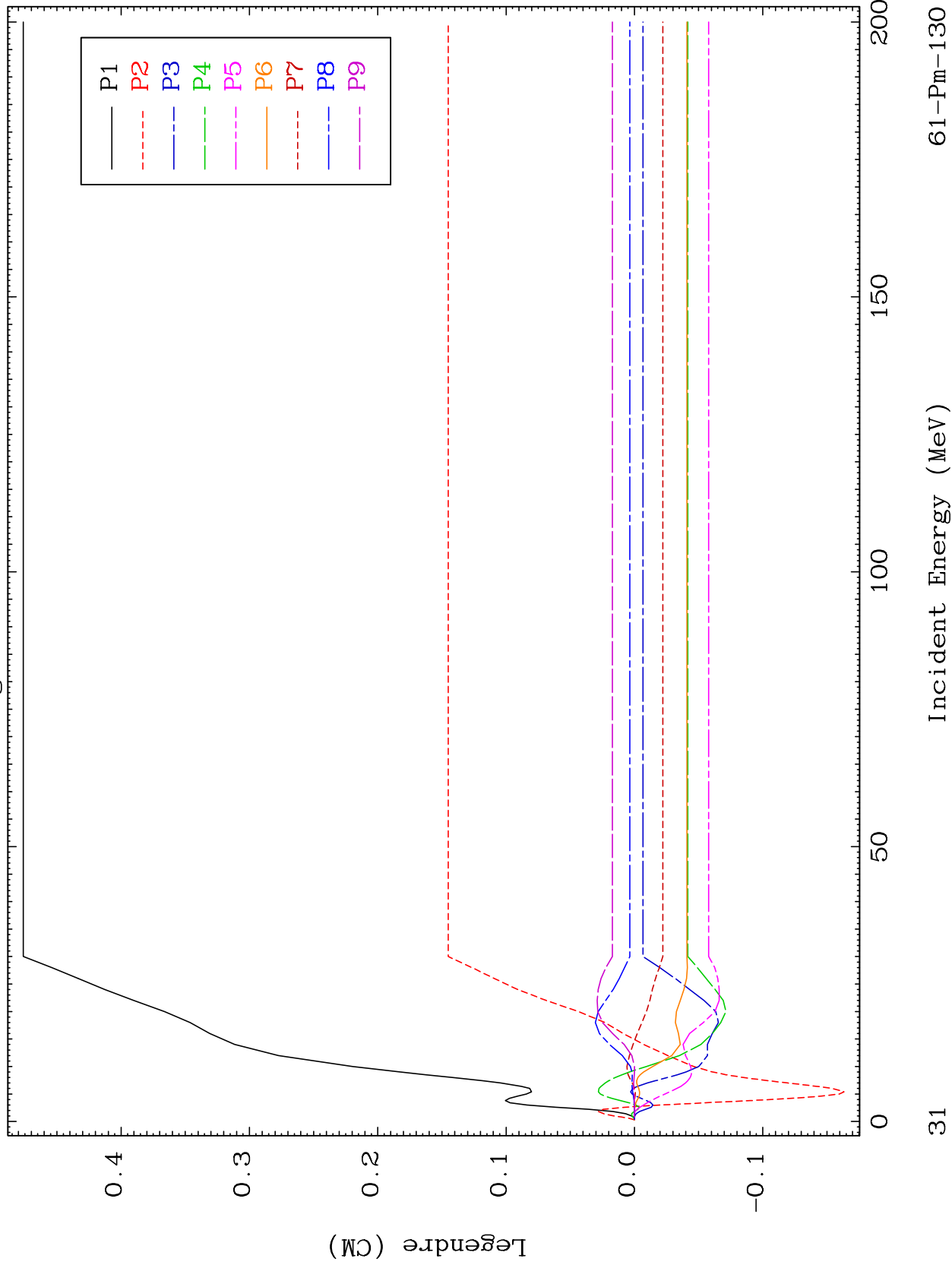
61-Pm-130



MAT 6098

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

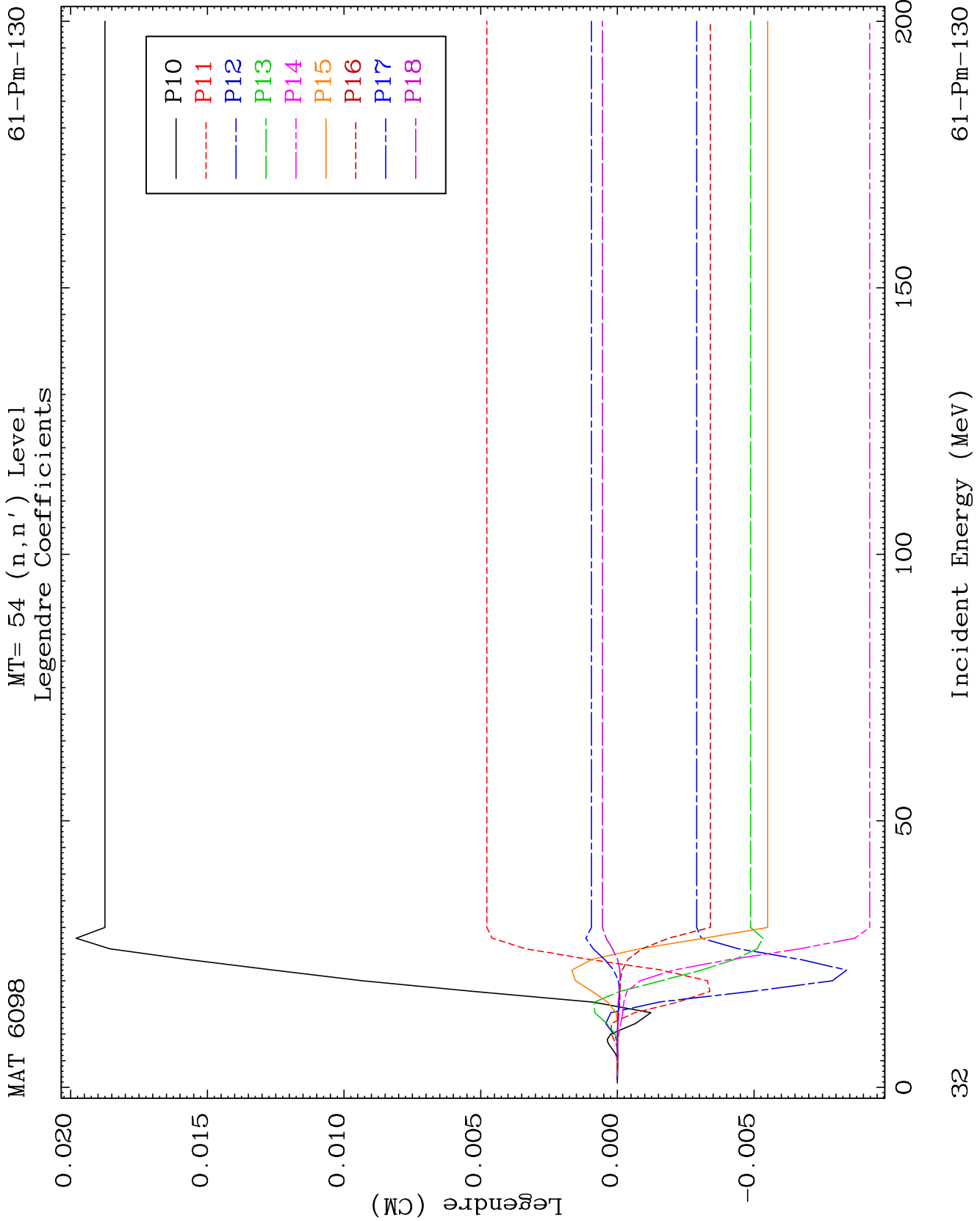
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31

Incident Energy (MeV)

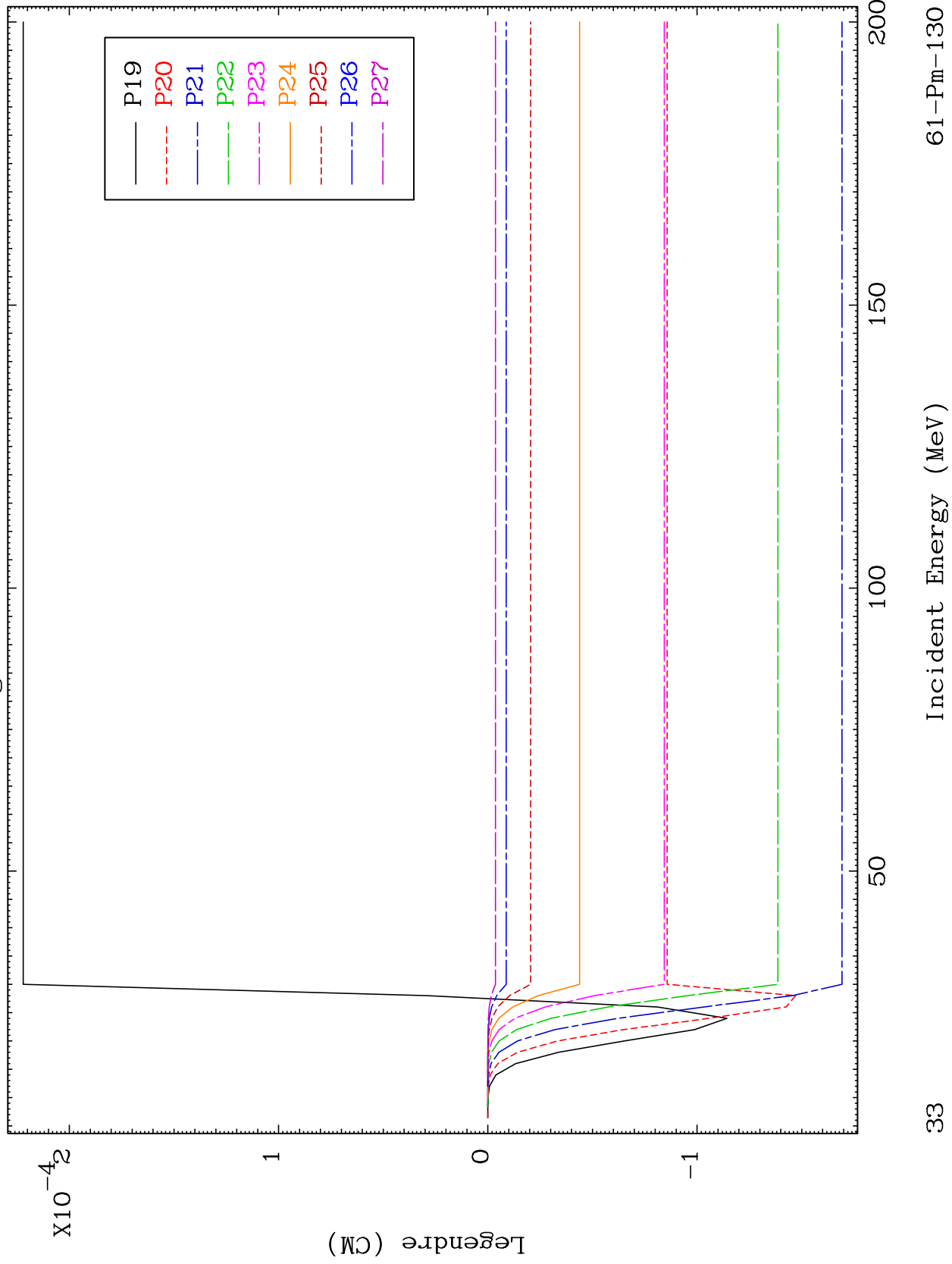
61-Pm-130



MAT 6098

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

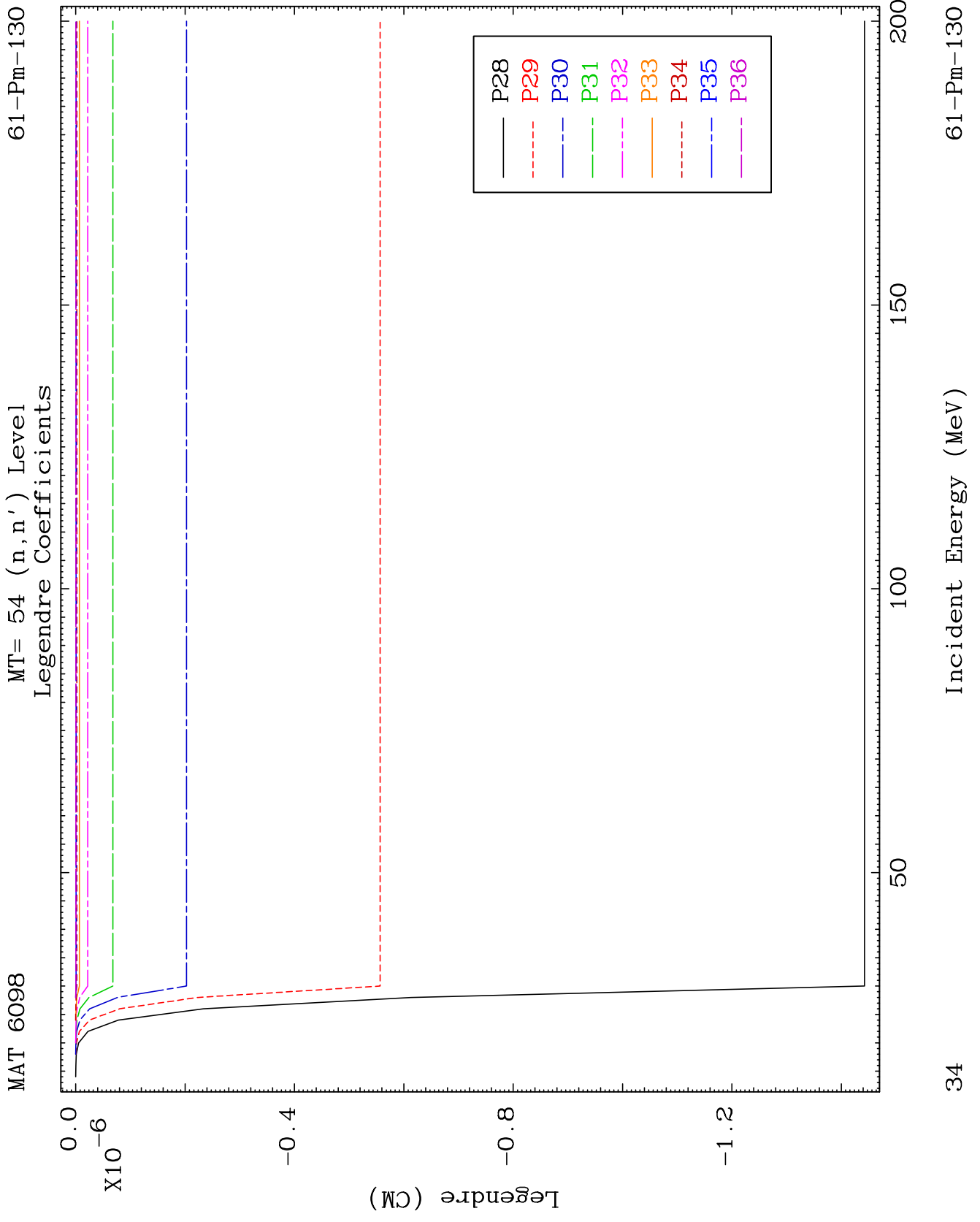
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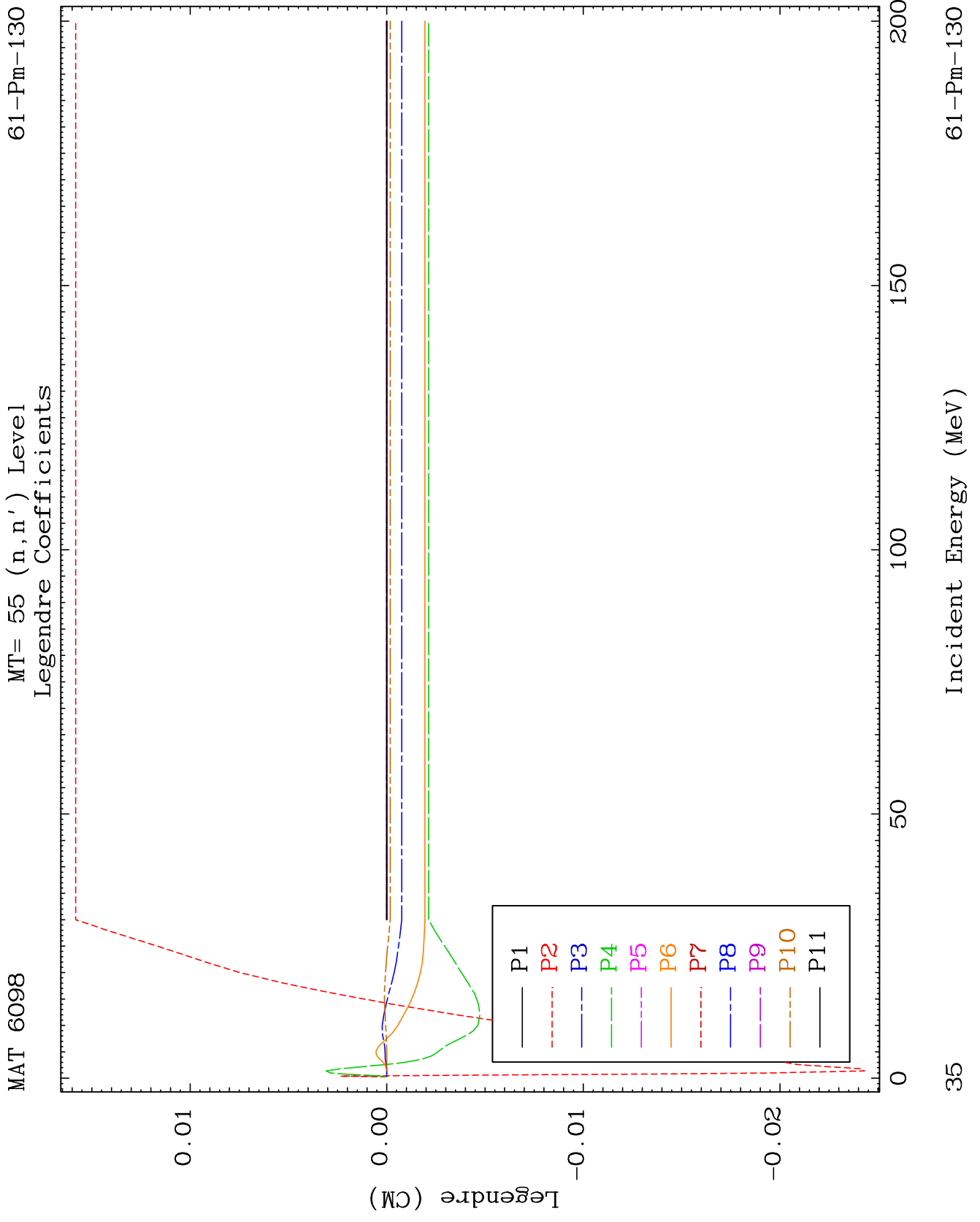


33

Incident Energy (MeV)

61-Pm-130

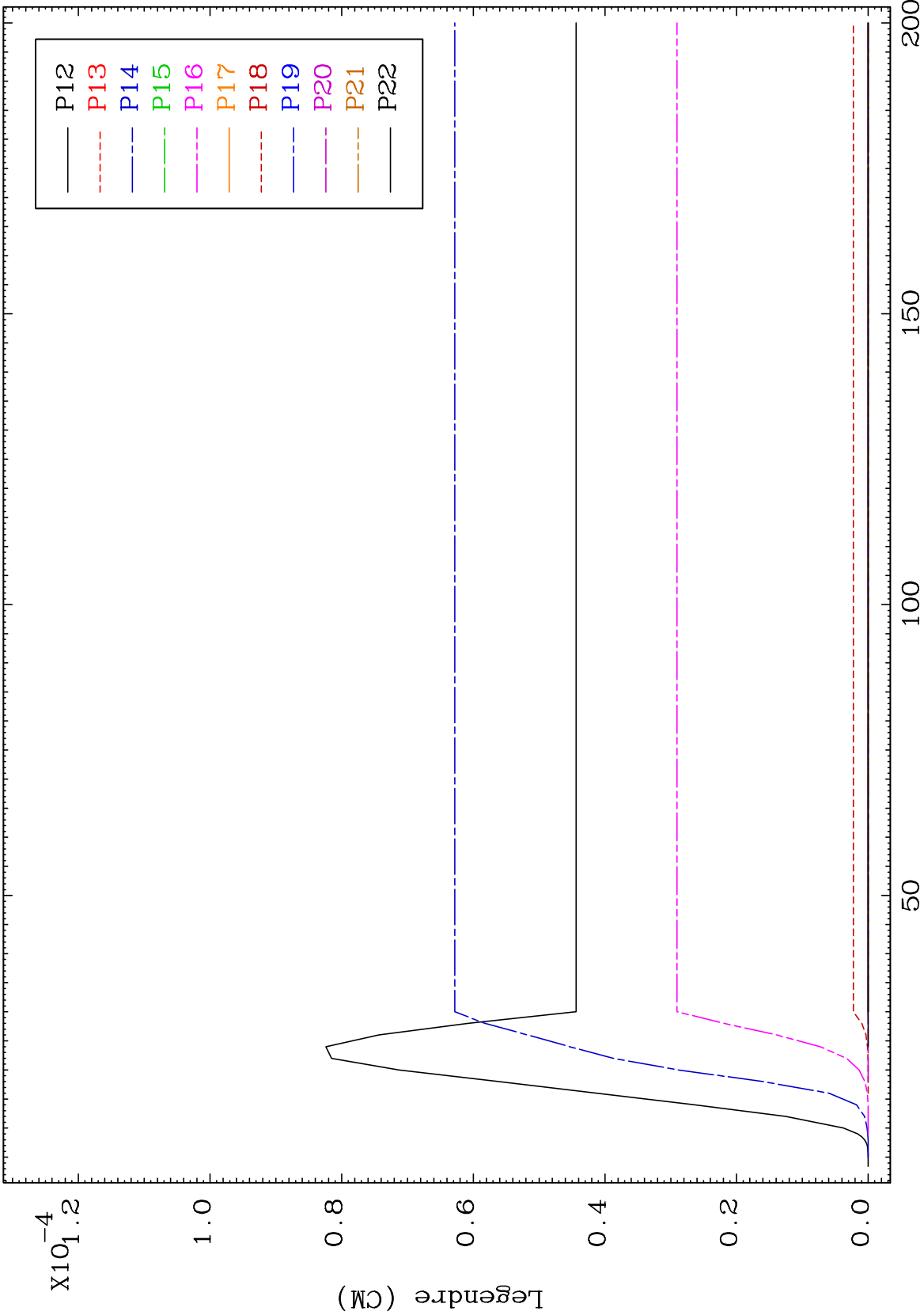




MAT 6098

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

61-Pm-130



36

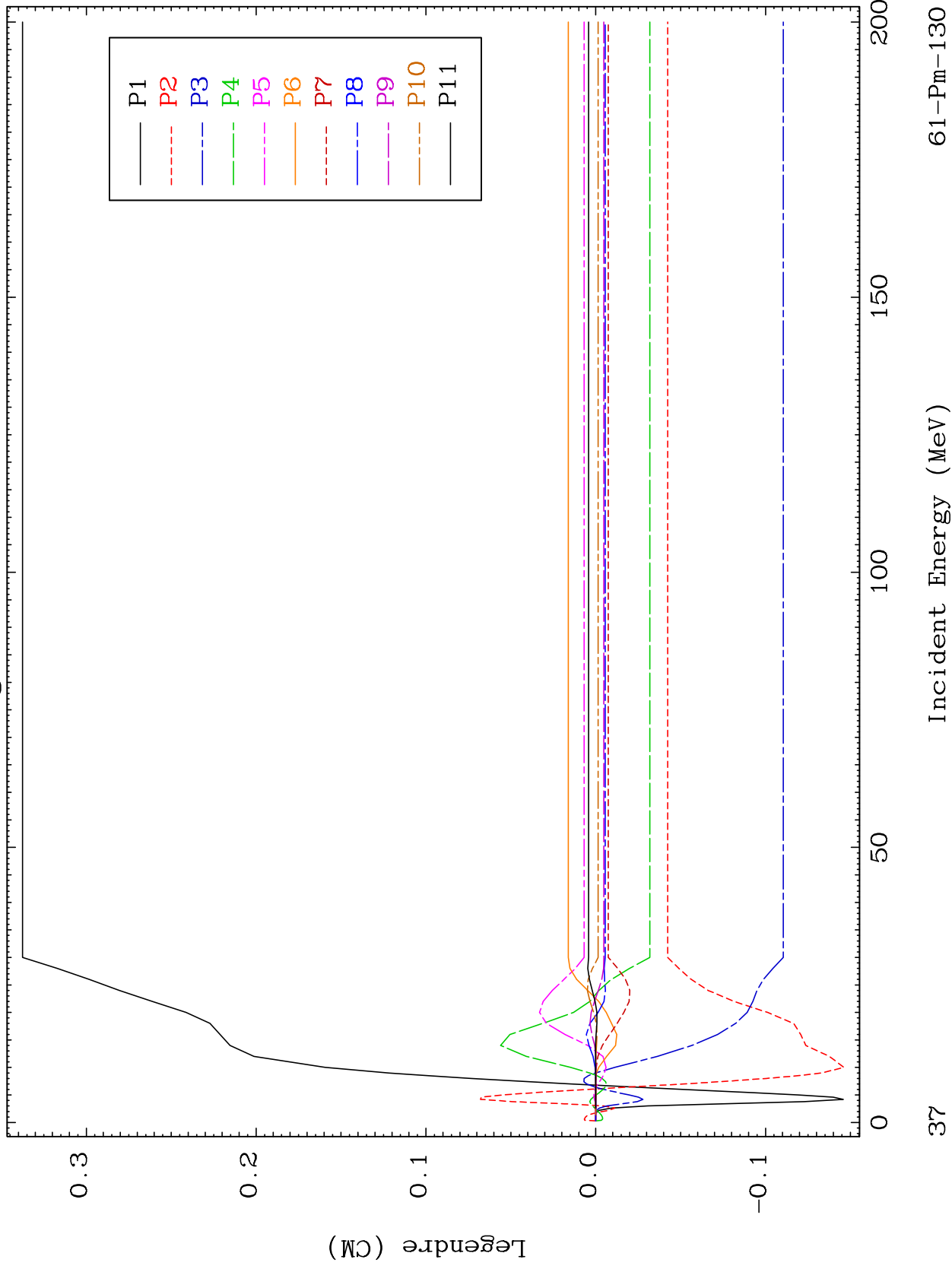
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

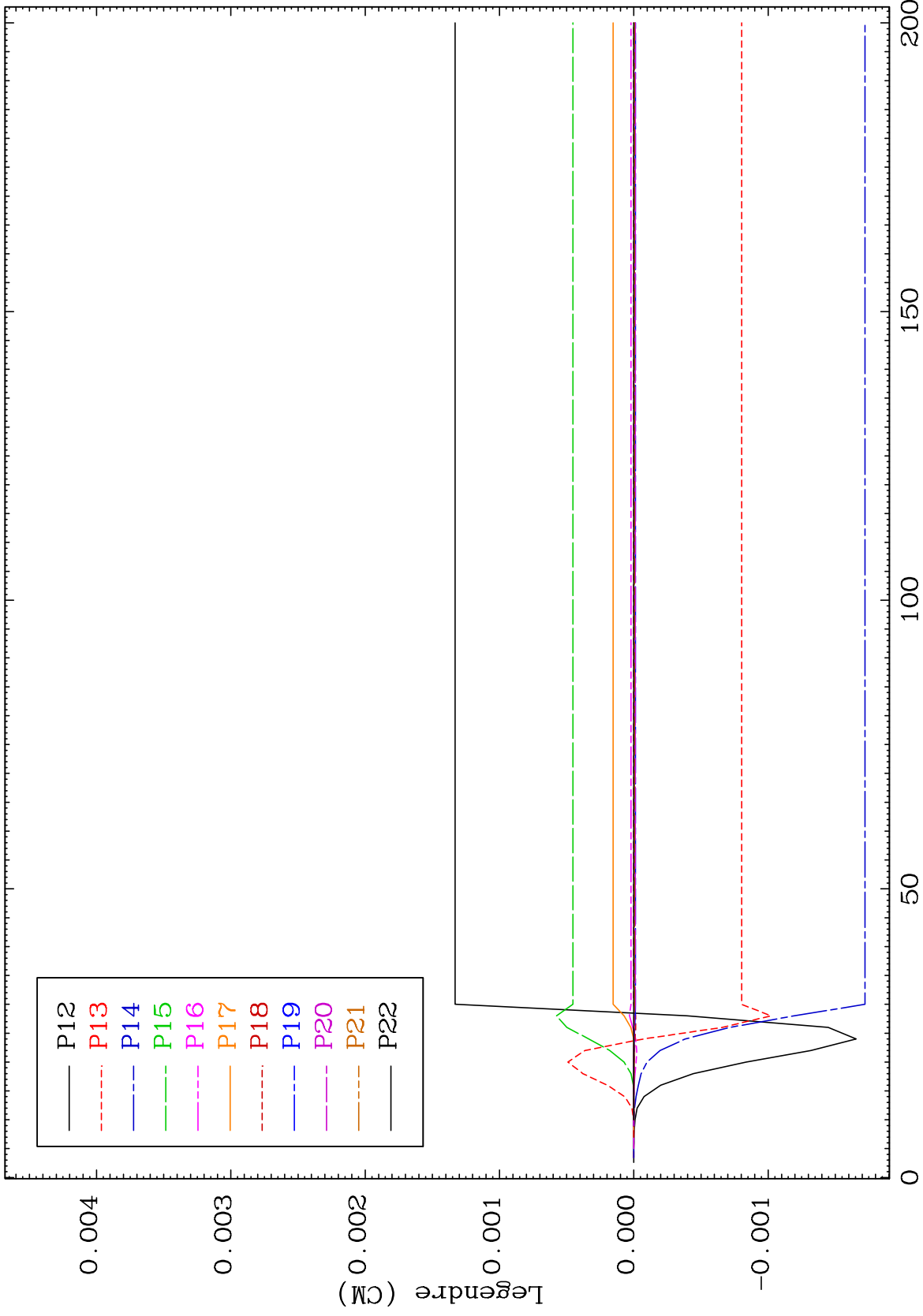
61-Pm-130



61-Pm-130

Incident Energy (MeV)

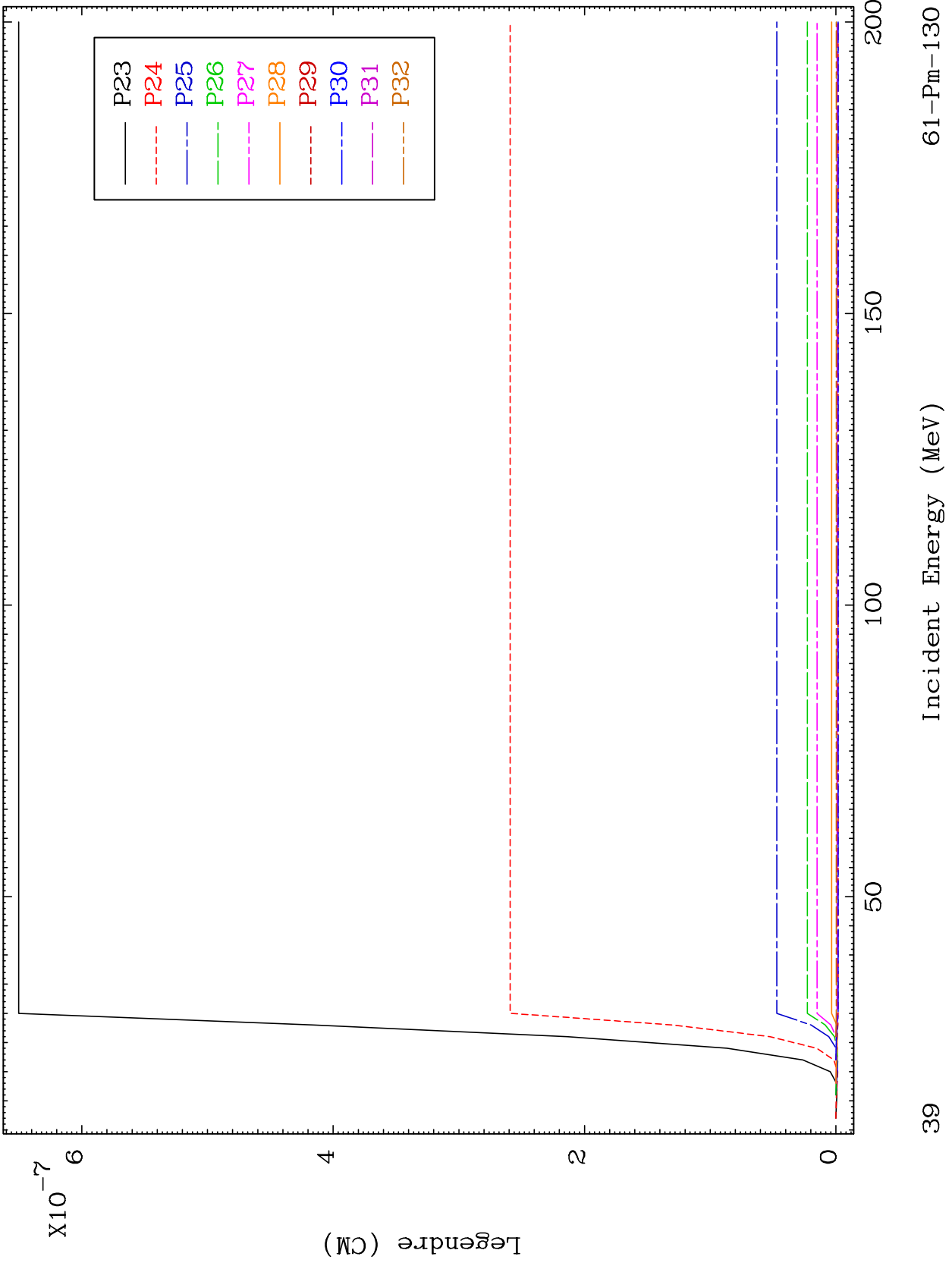
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MAT 6098

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

61-Pm-130



39

Incident Energy (MeV)

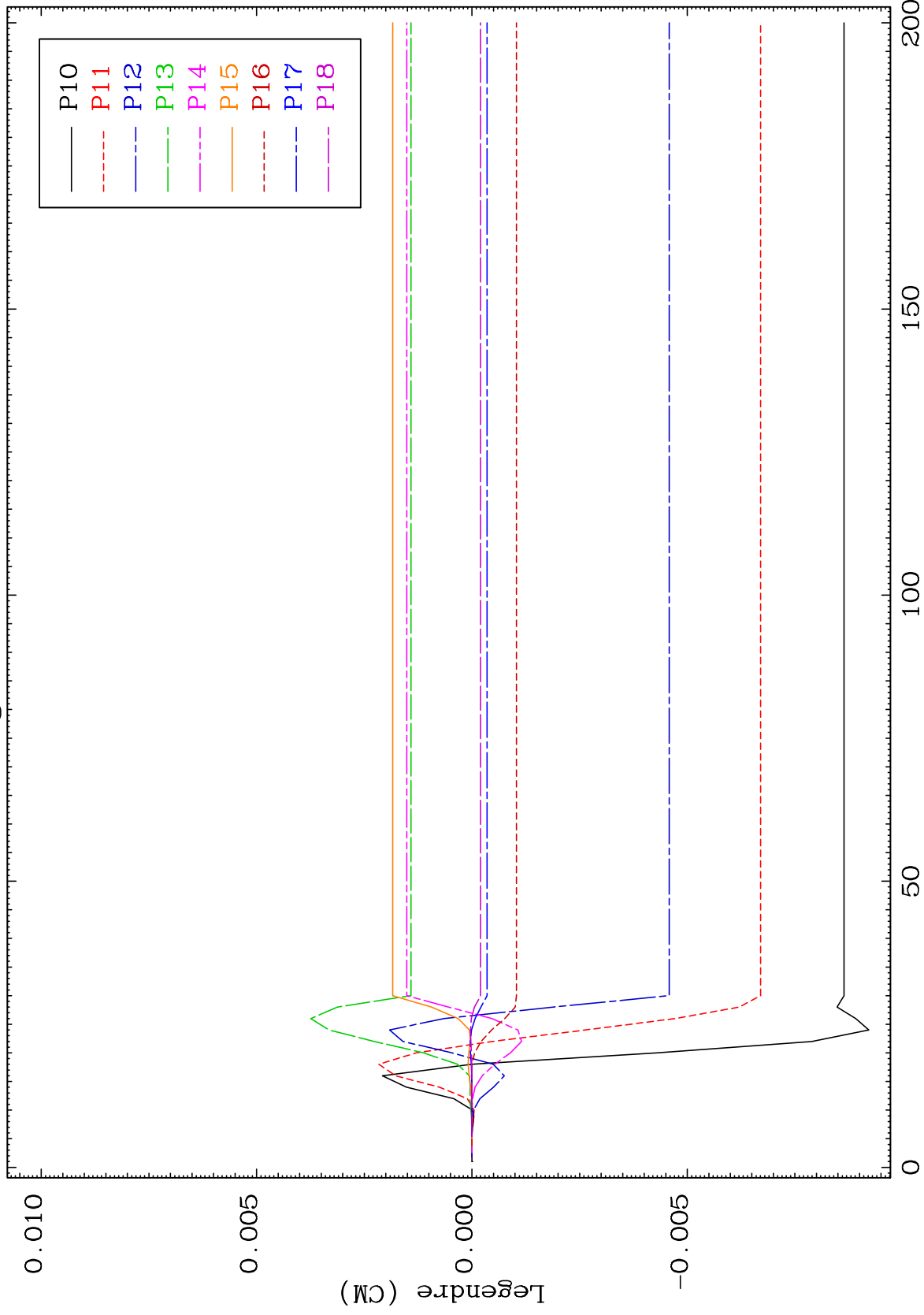
61-Pm-130



MAT 6098

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

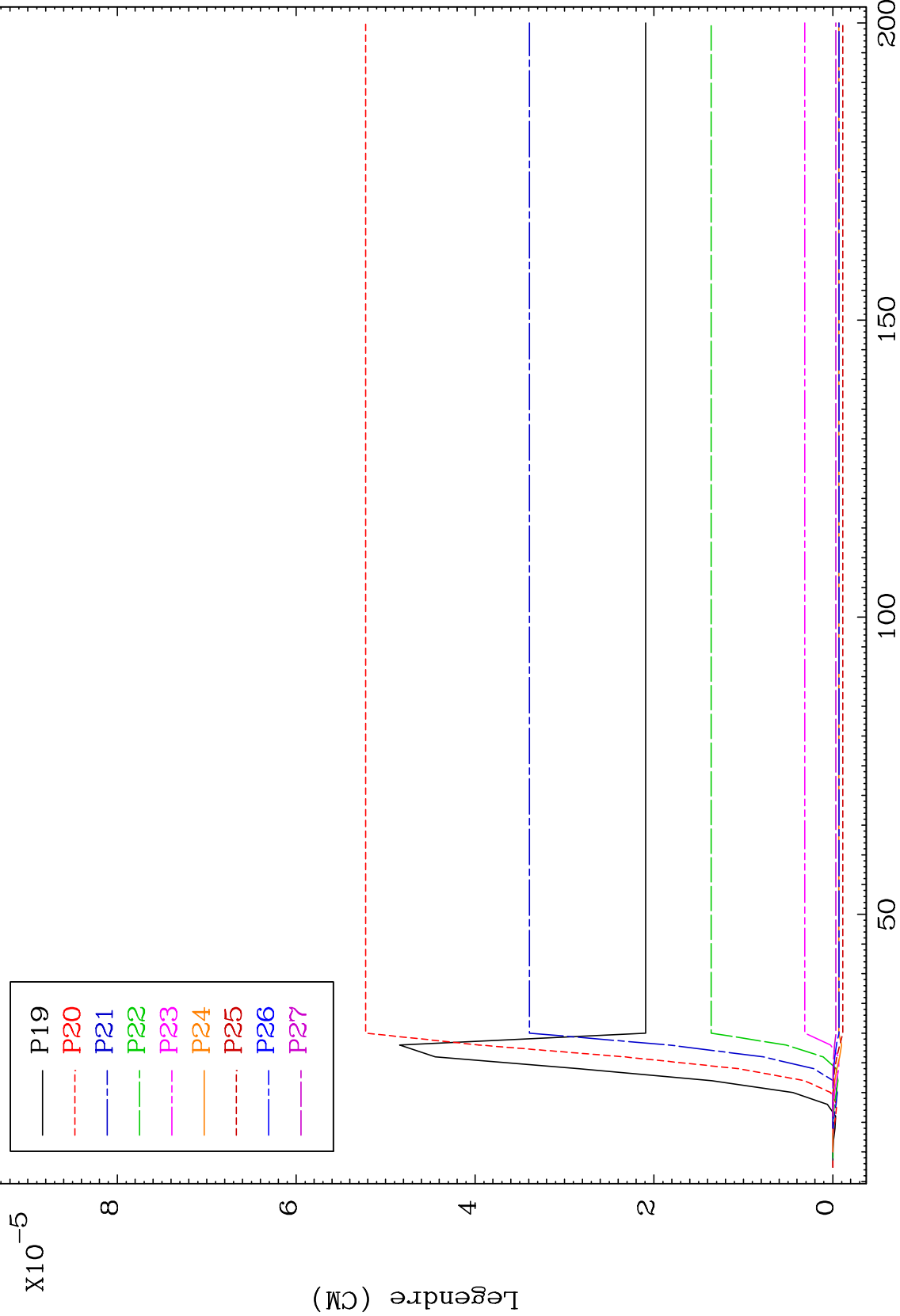
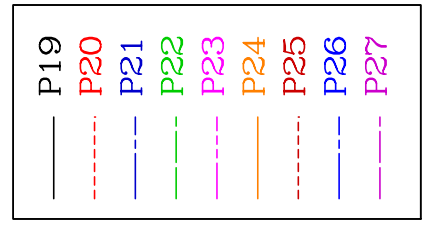
61-Pm-130



MAT 6098

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

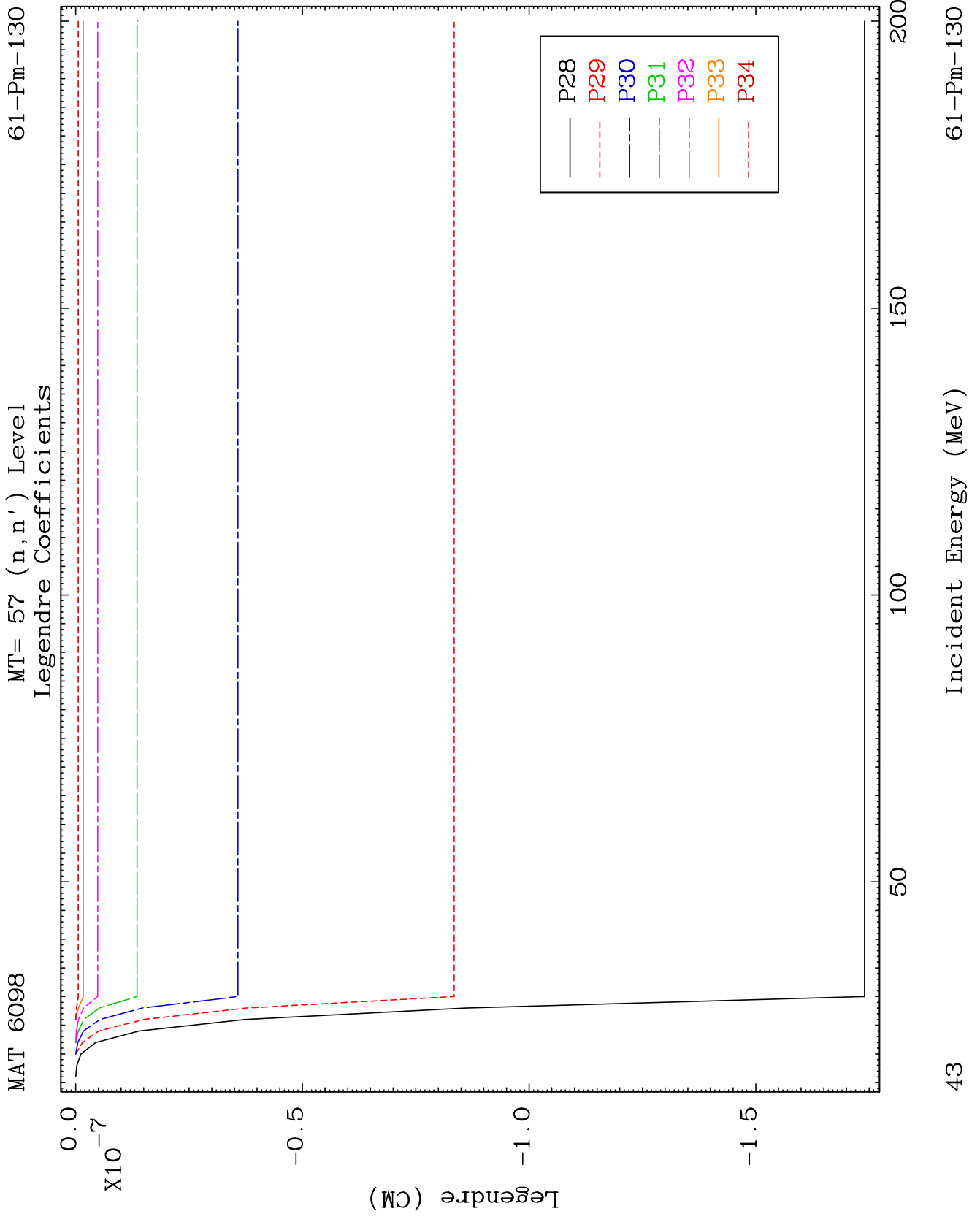
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42

Incident Energy (MeV)

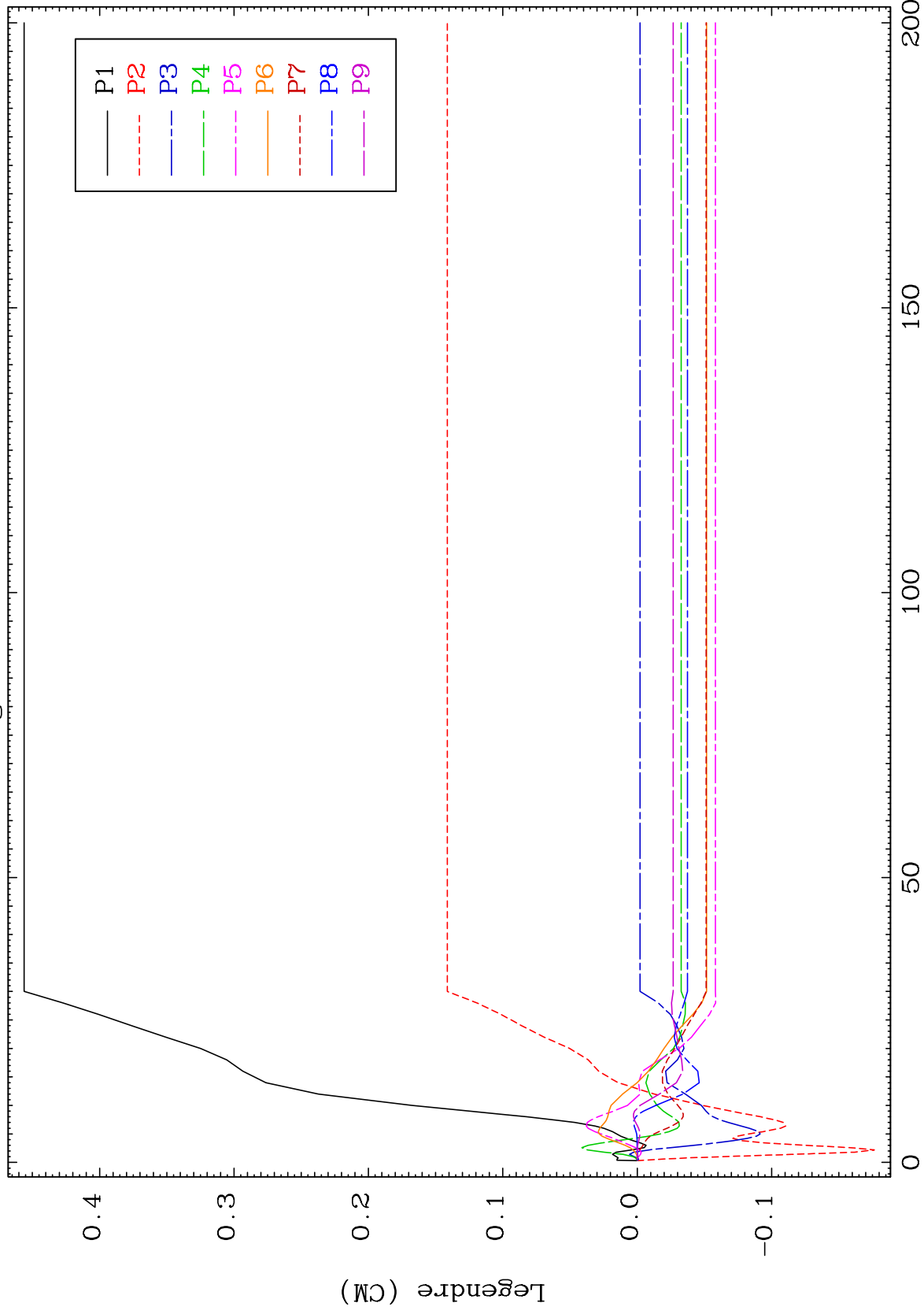
61-Pm-130



MAT 6098

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

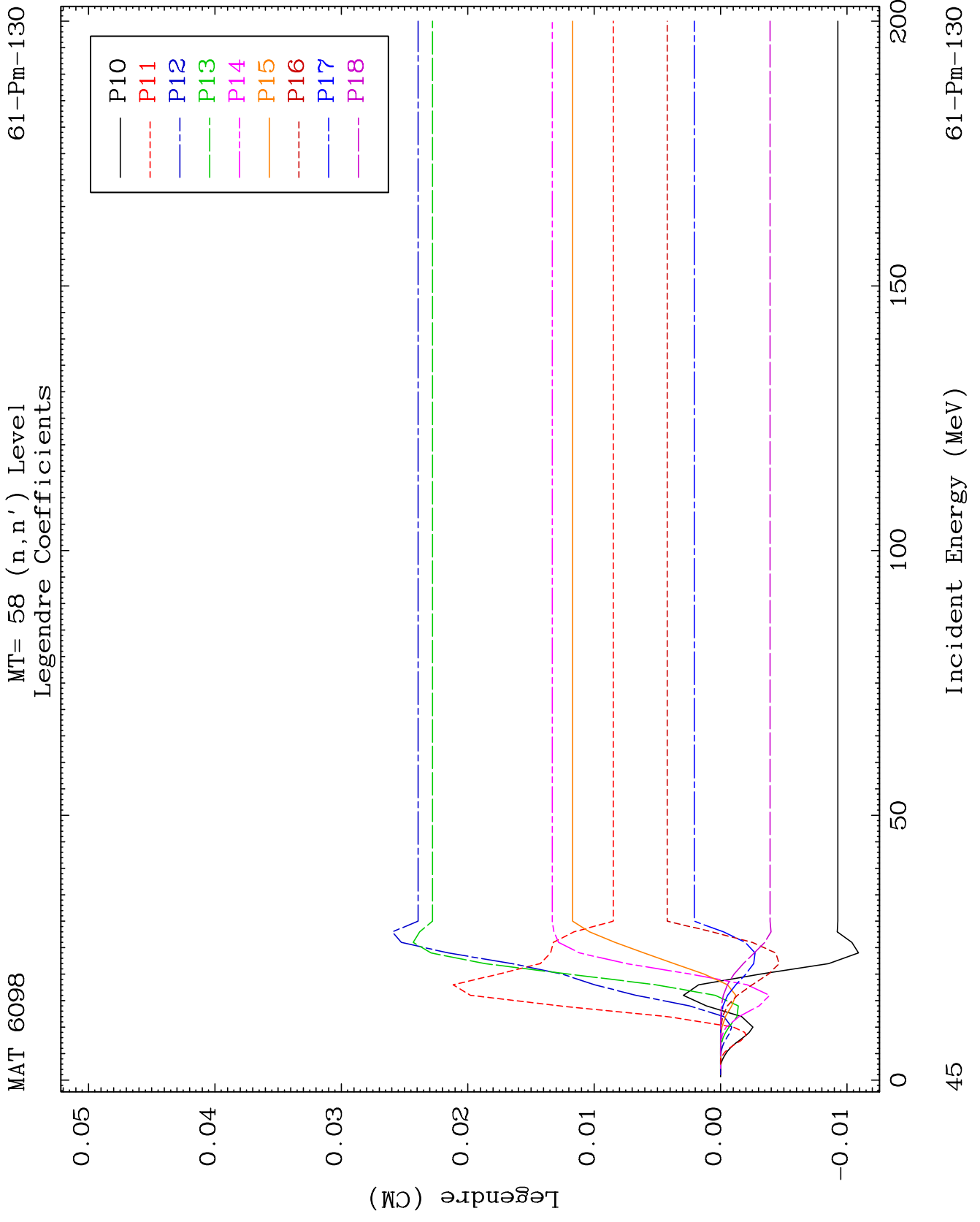
61-Pm-130



44

Incident Energy (MeV)

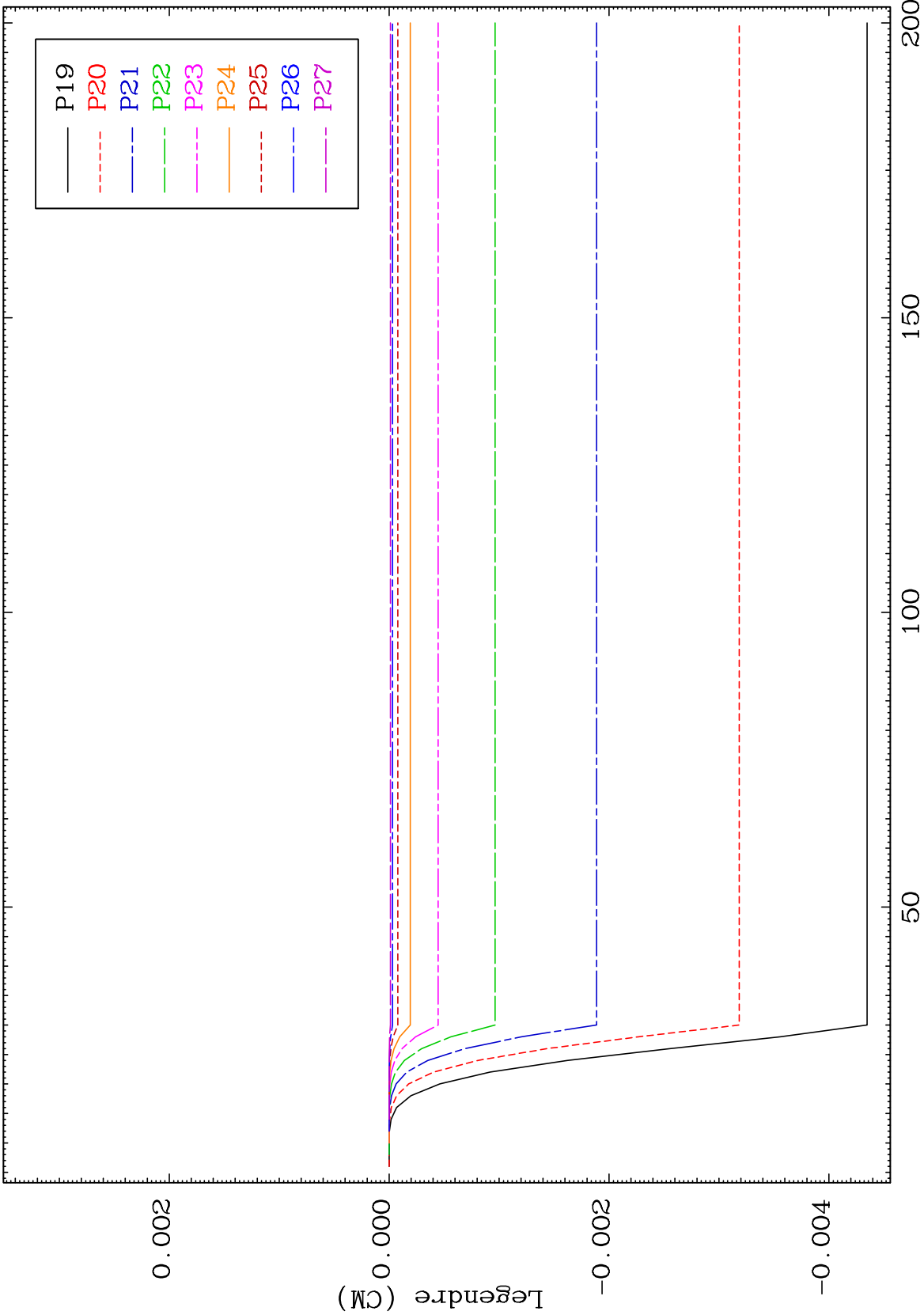
61-Pm-130



MAT 6098

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

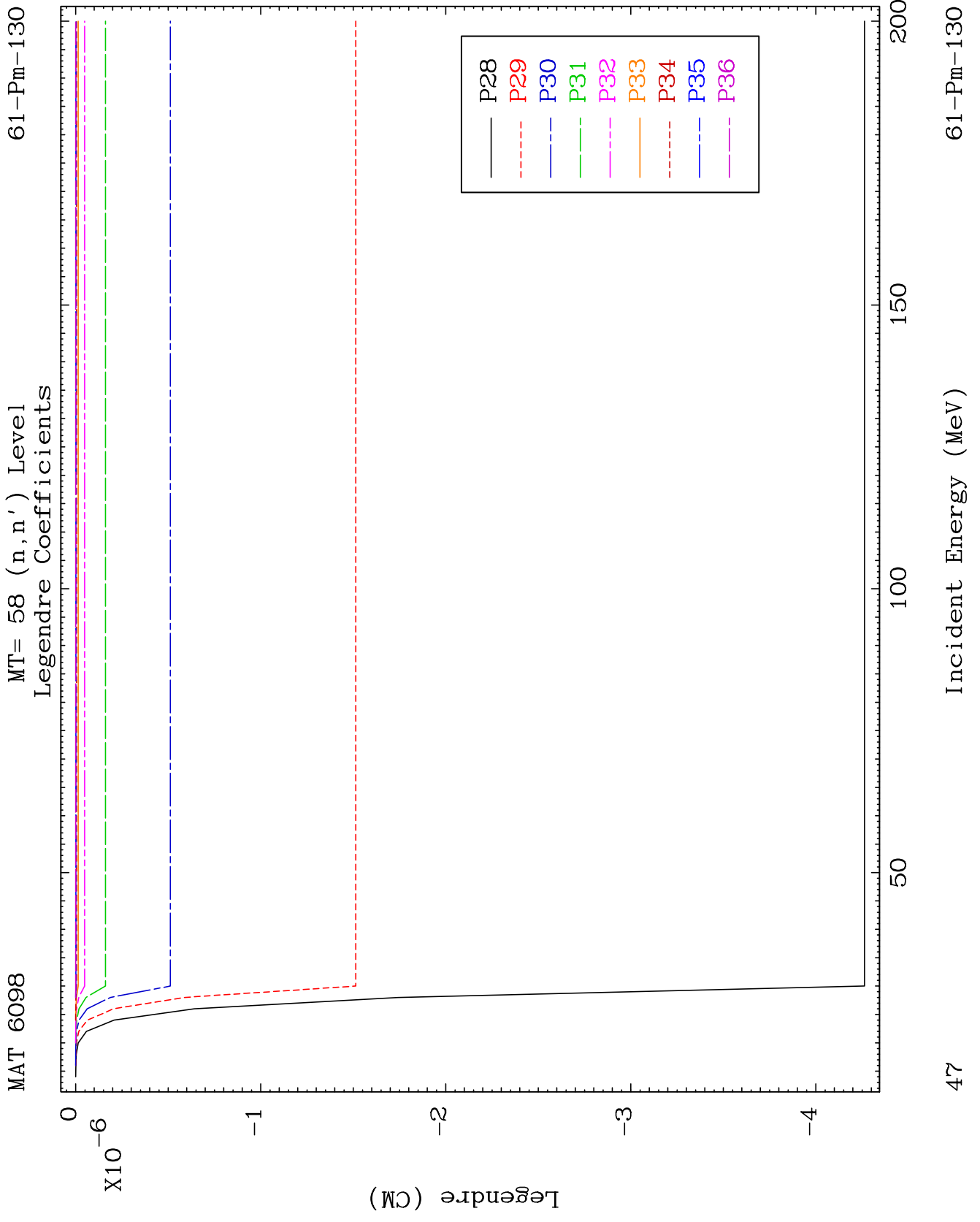
61-Pm-130



46

Incident Energy (MeV)

61-Pm-130

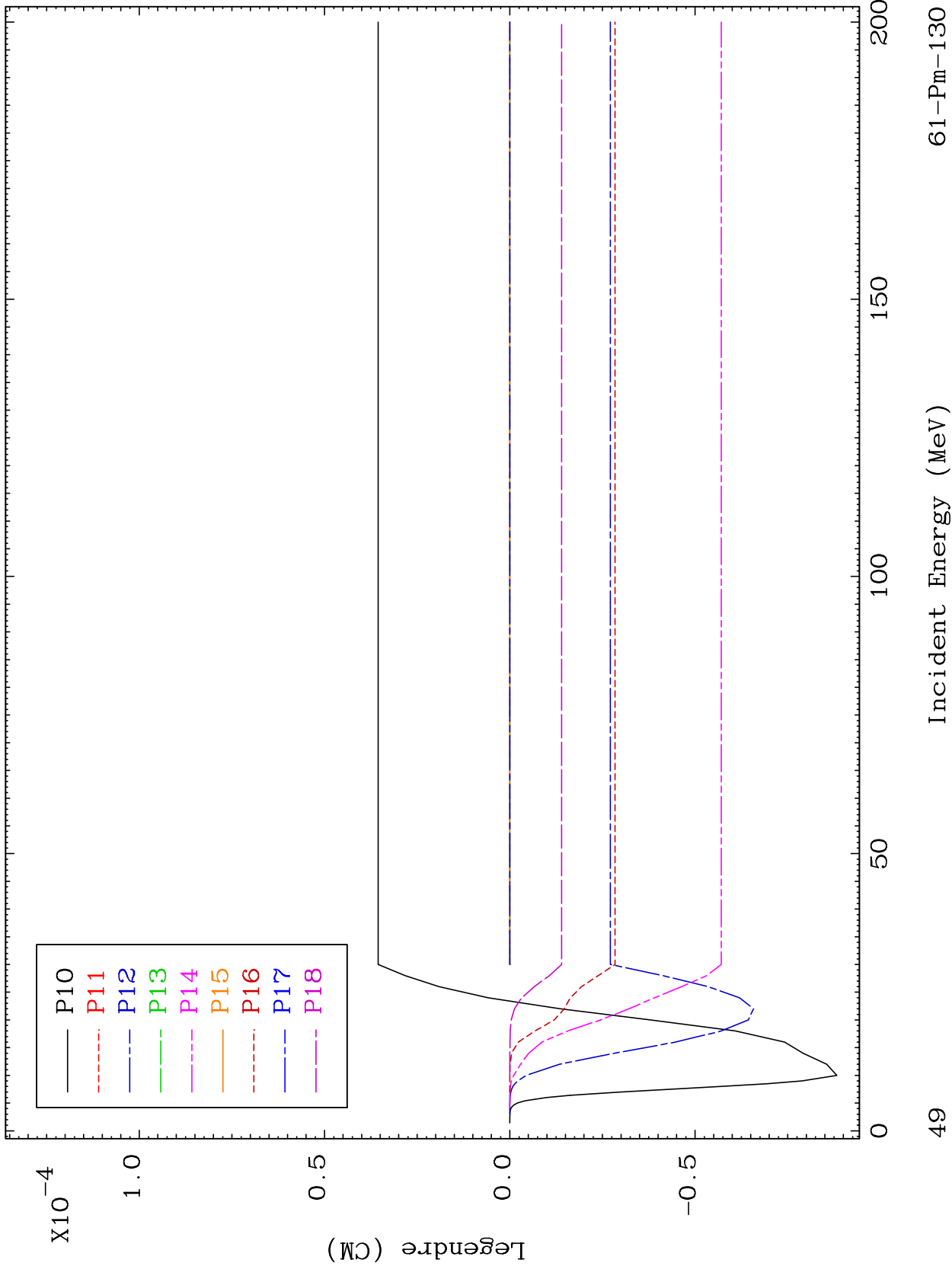




MAT 6098

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

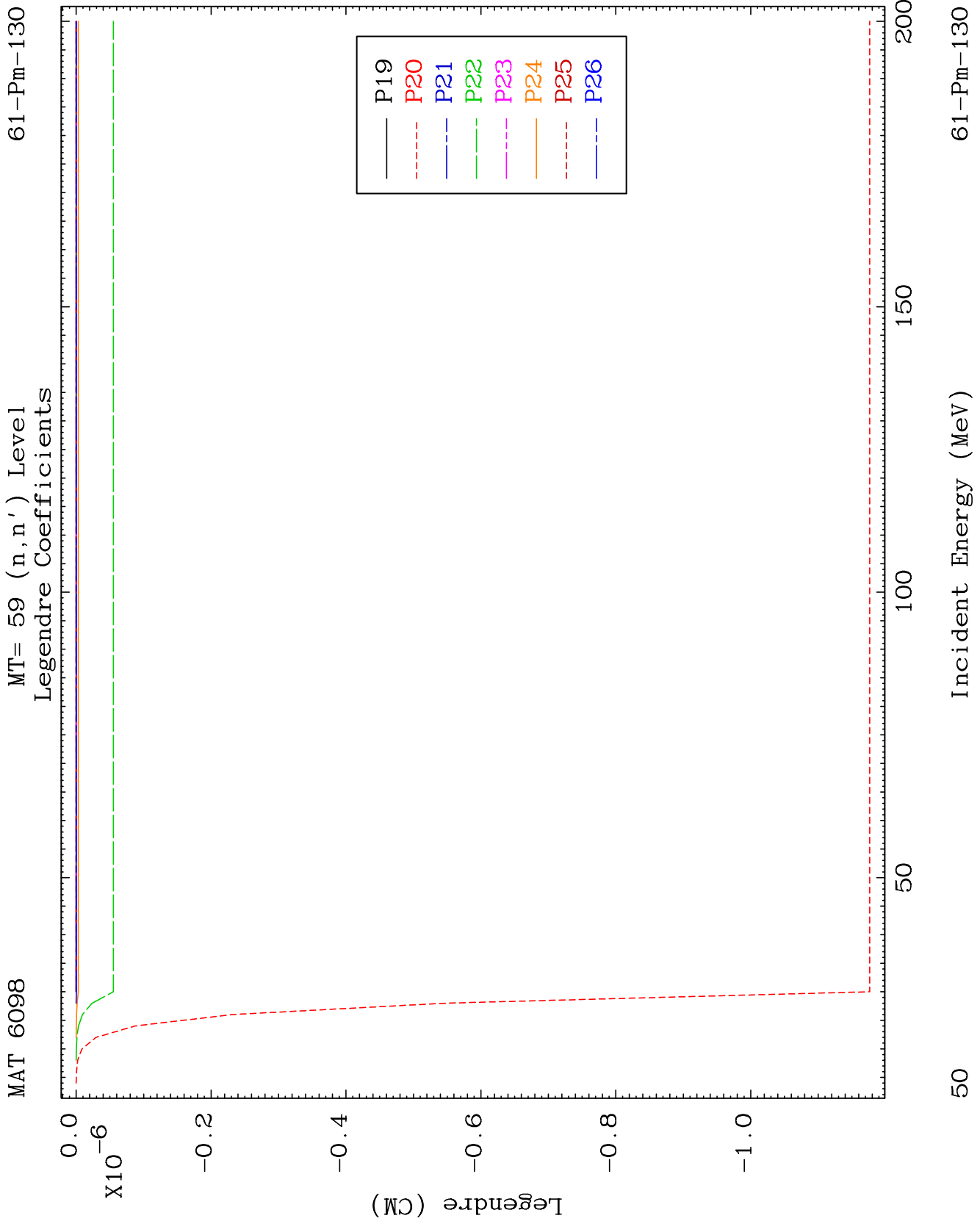
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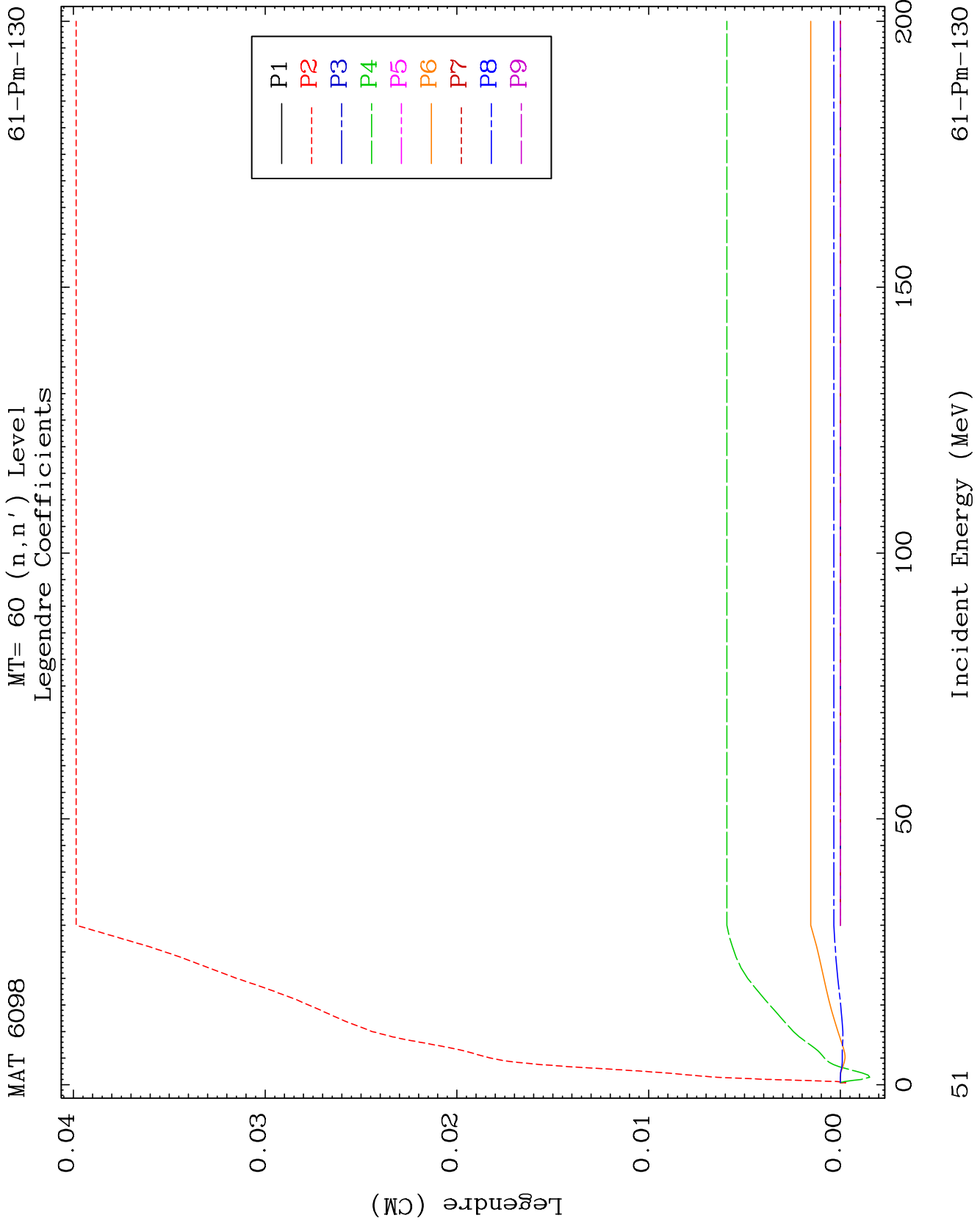


49

Incident Energy (MeV)

61-Pm-130

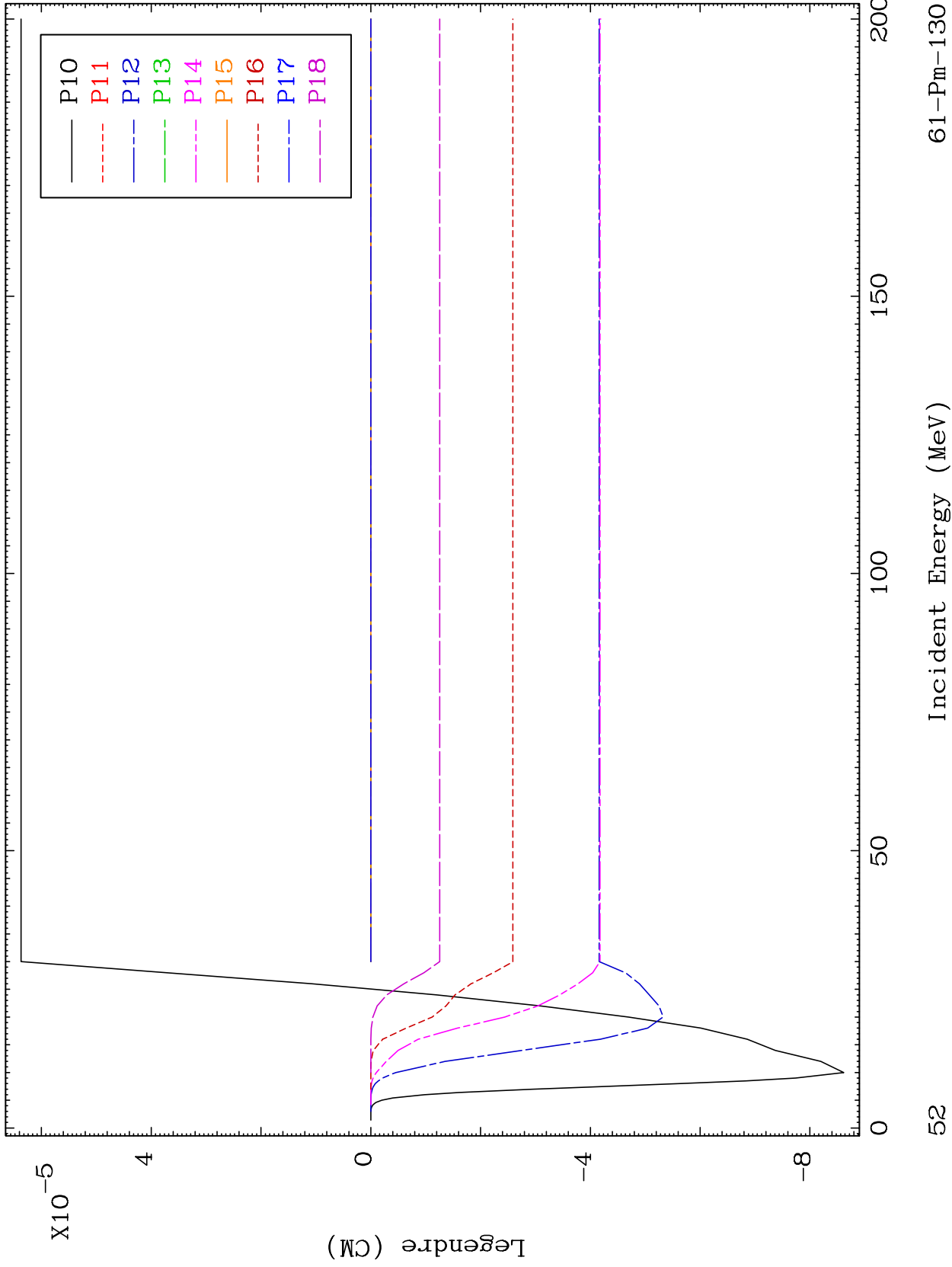




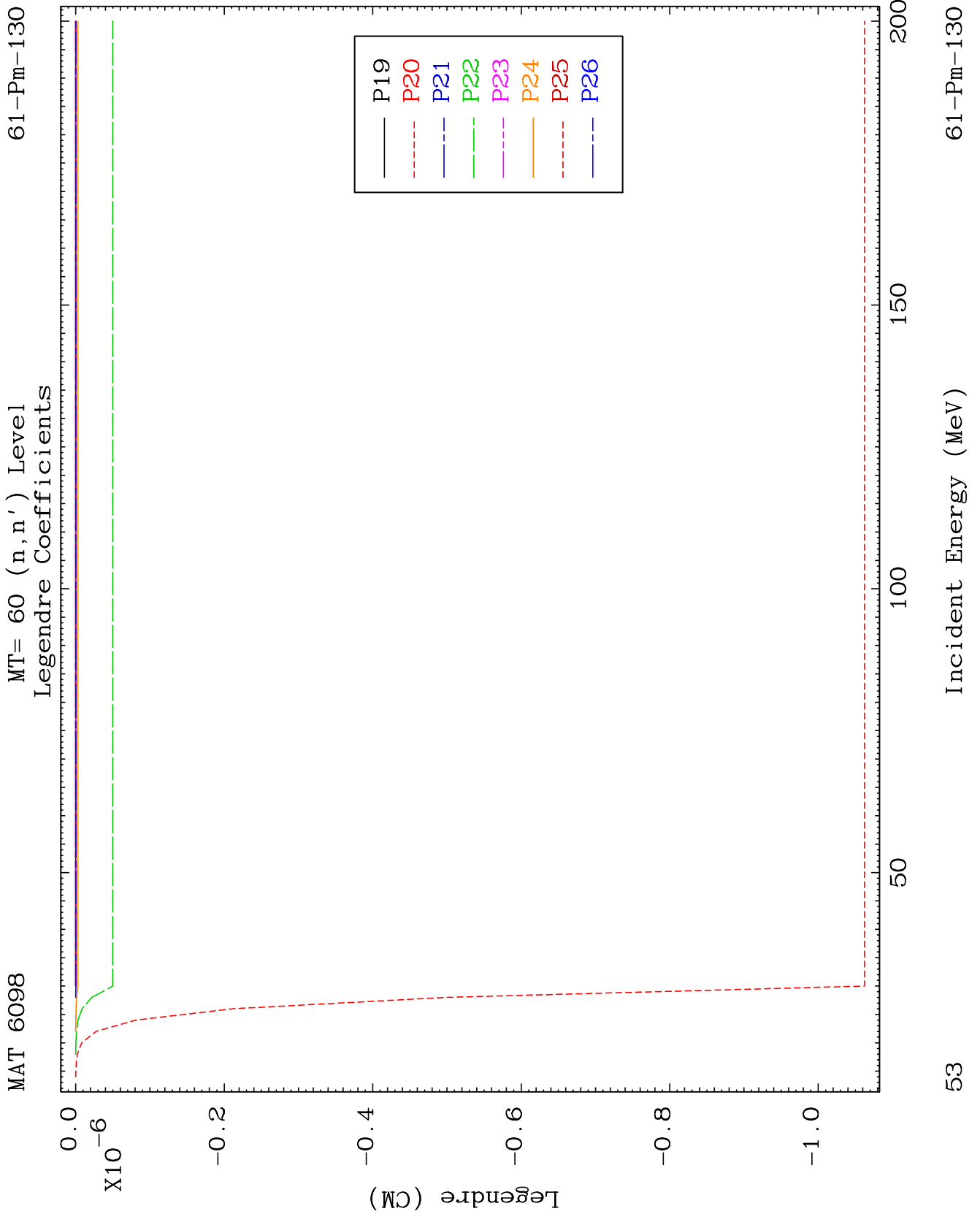
MAT 6098

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

61-Pm-130



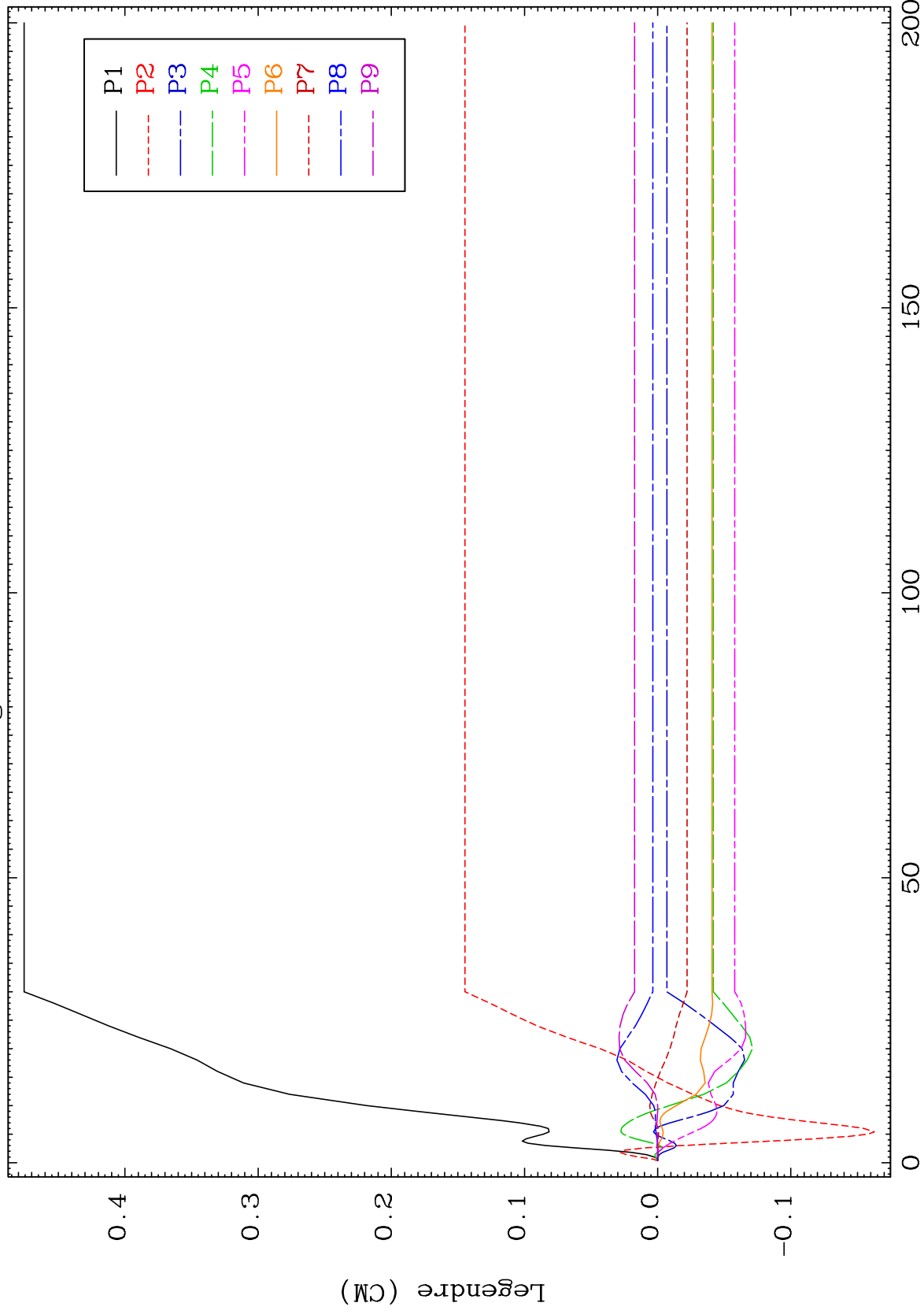
61-Pm-130



MAT 6098

MT= 61 (n,n') Level  
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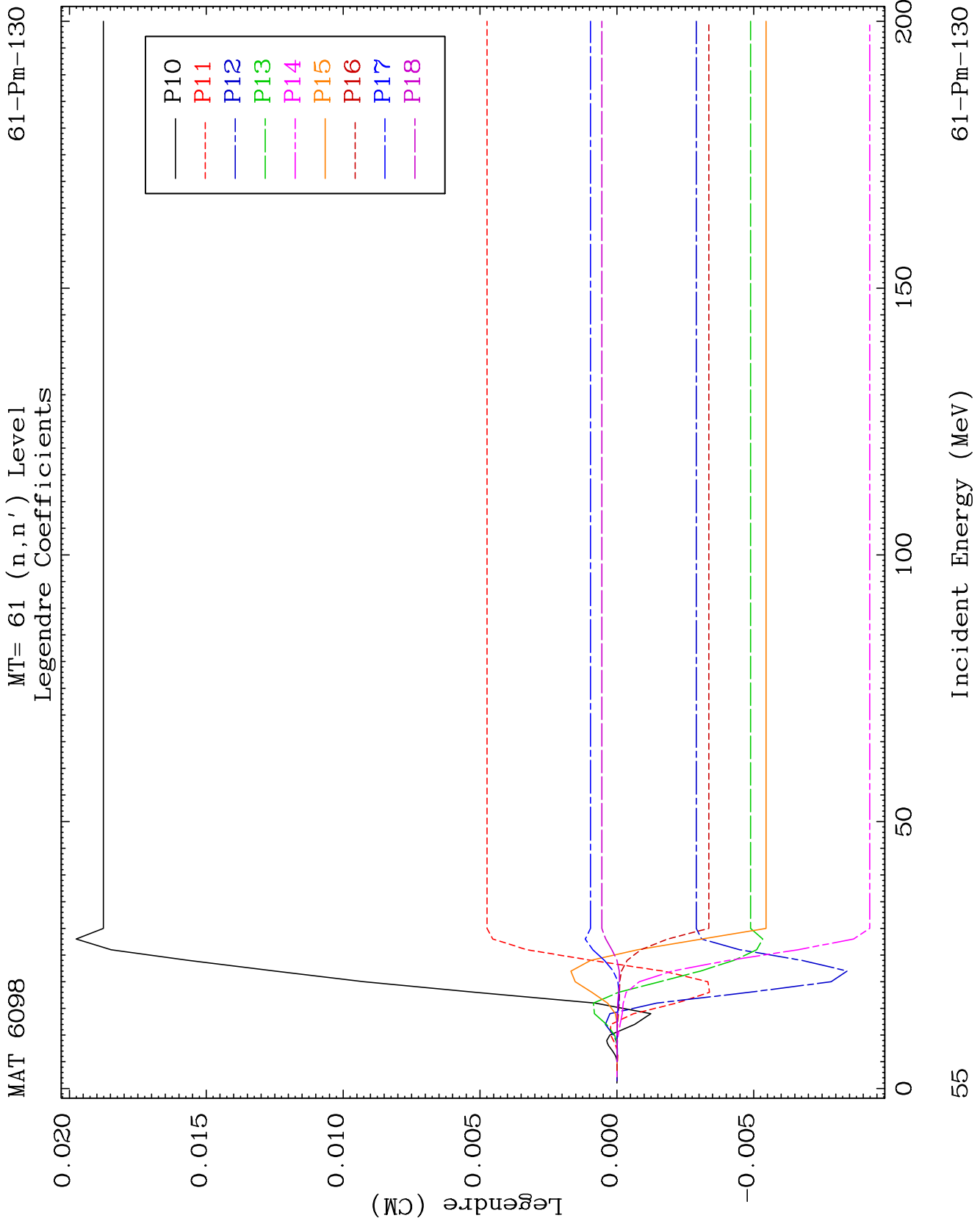
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54

Incident Energy (MeV)

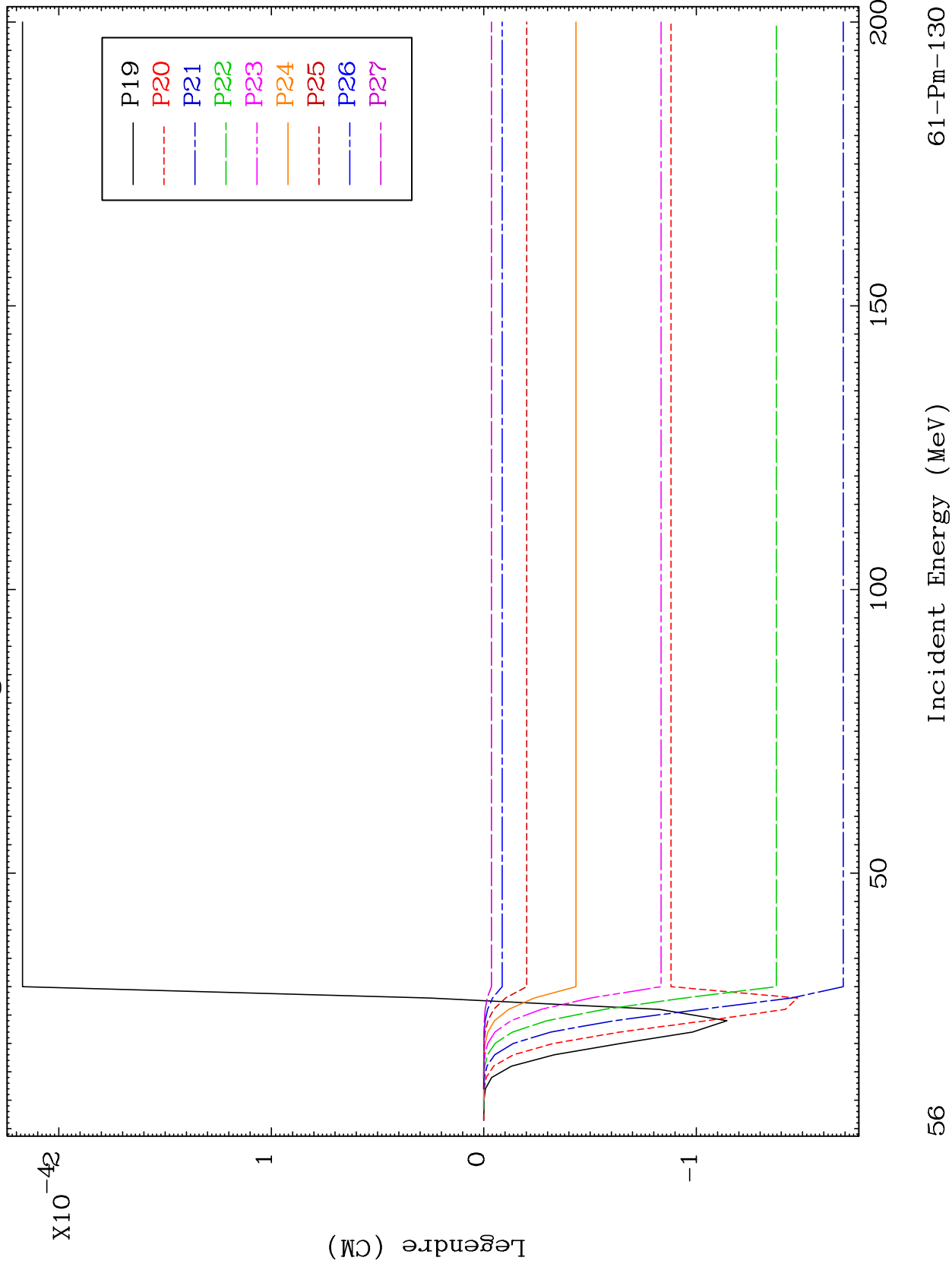
61-Pm-130



MAT 6098

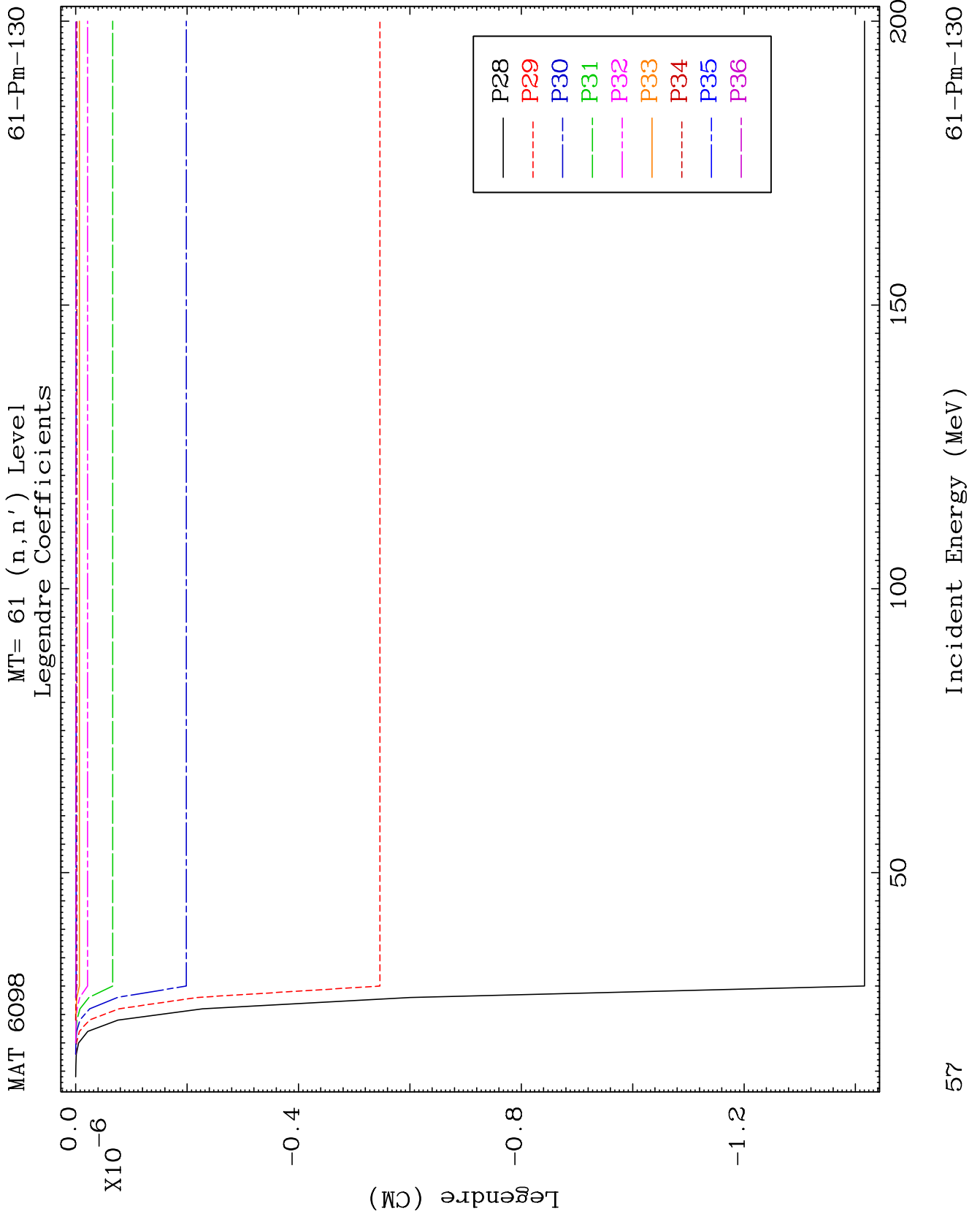
MT= 61 (n,n') Level  
Legendre Coefficients

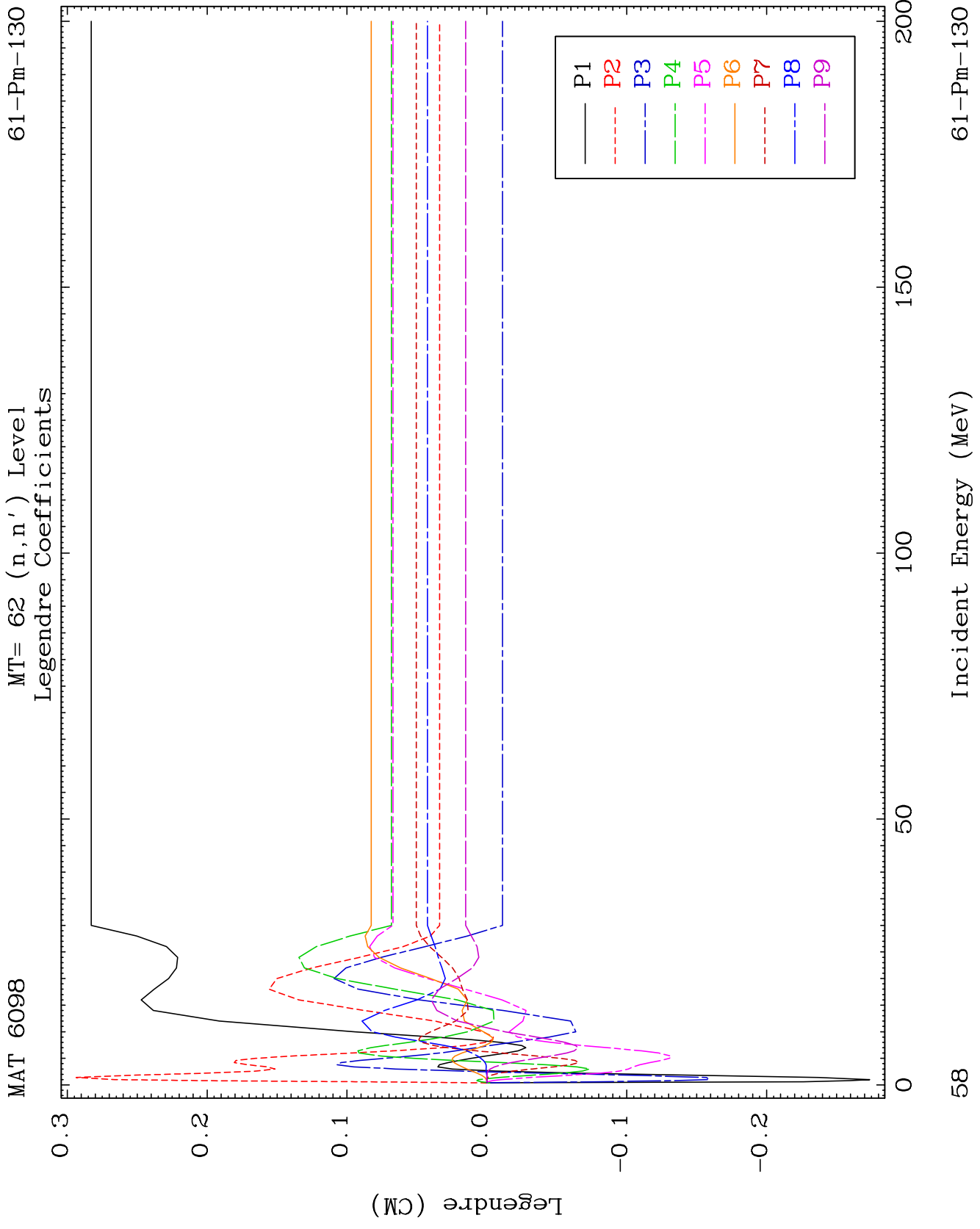
61-Pm-130



56

61-Pm-130





61-Pm-130

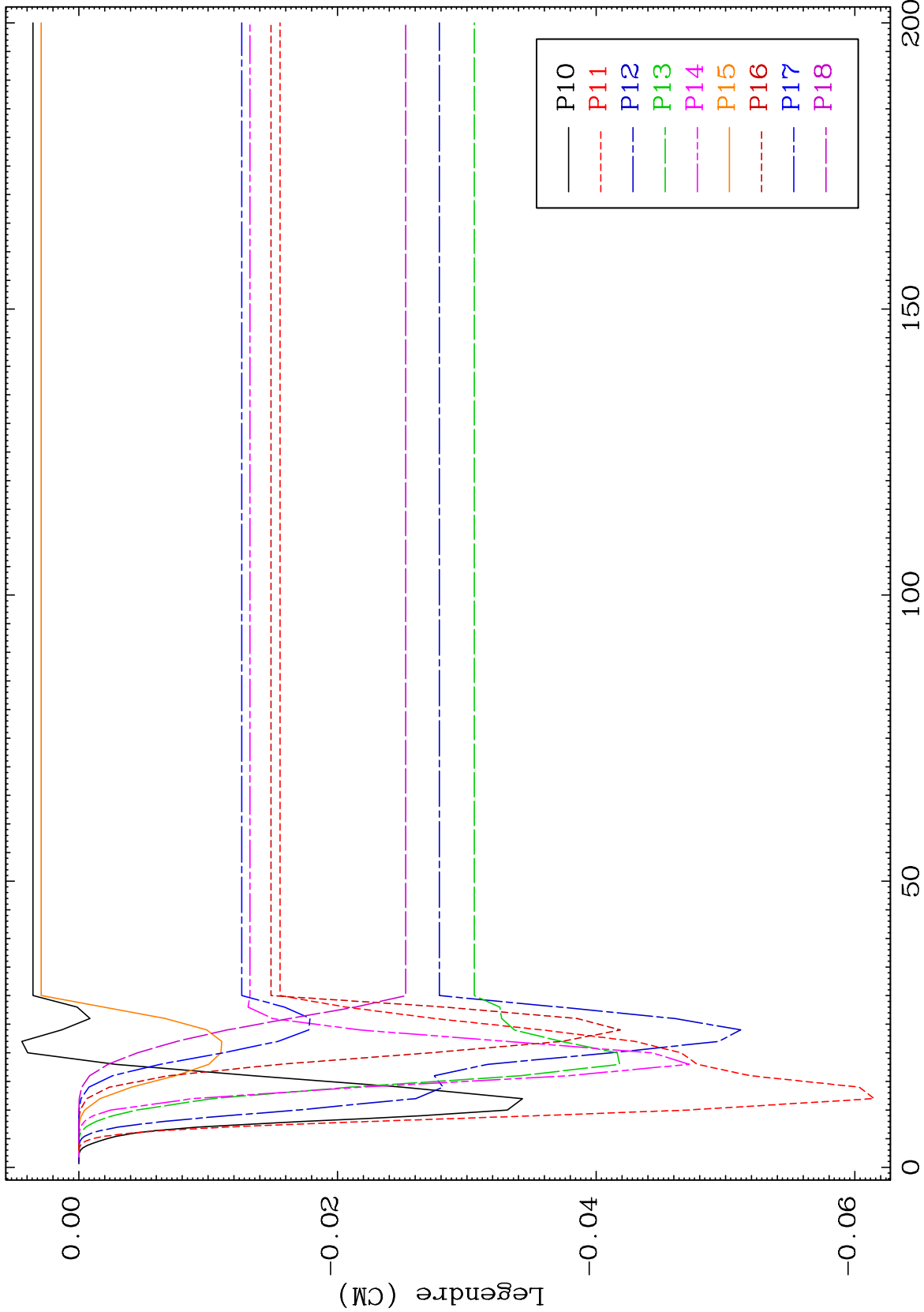
Incident Energy (MeV)

58

MAT 6098

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

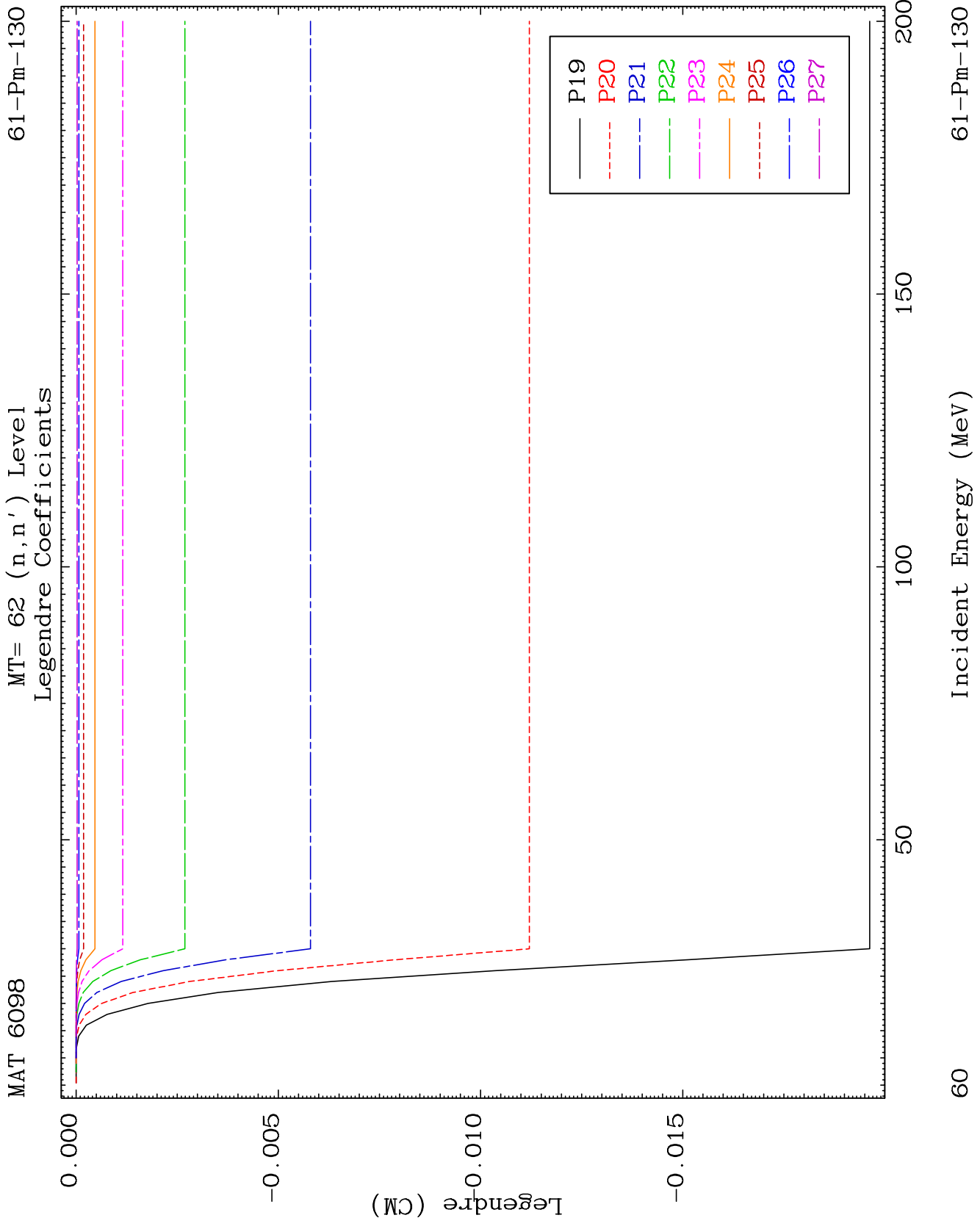
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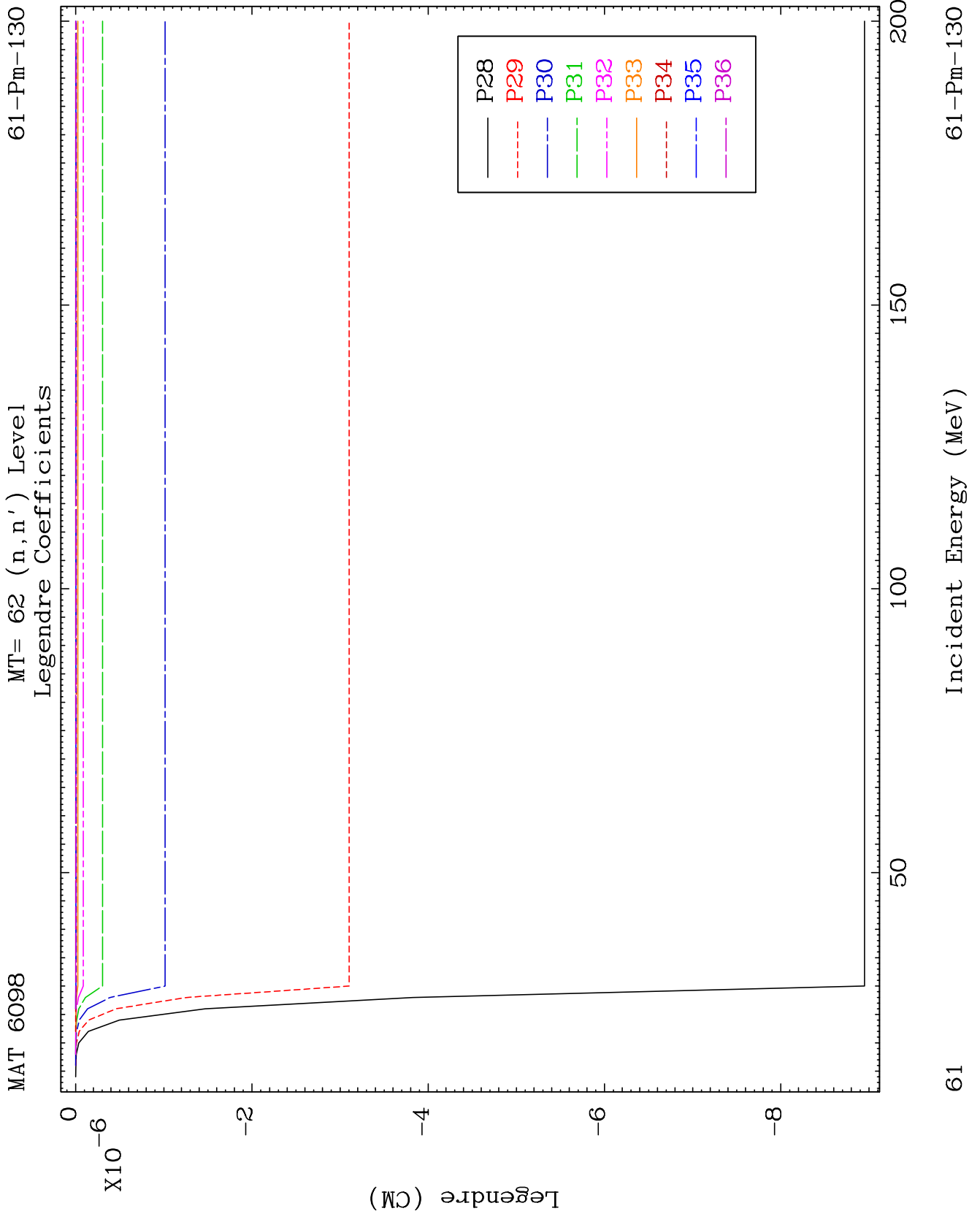


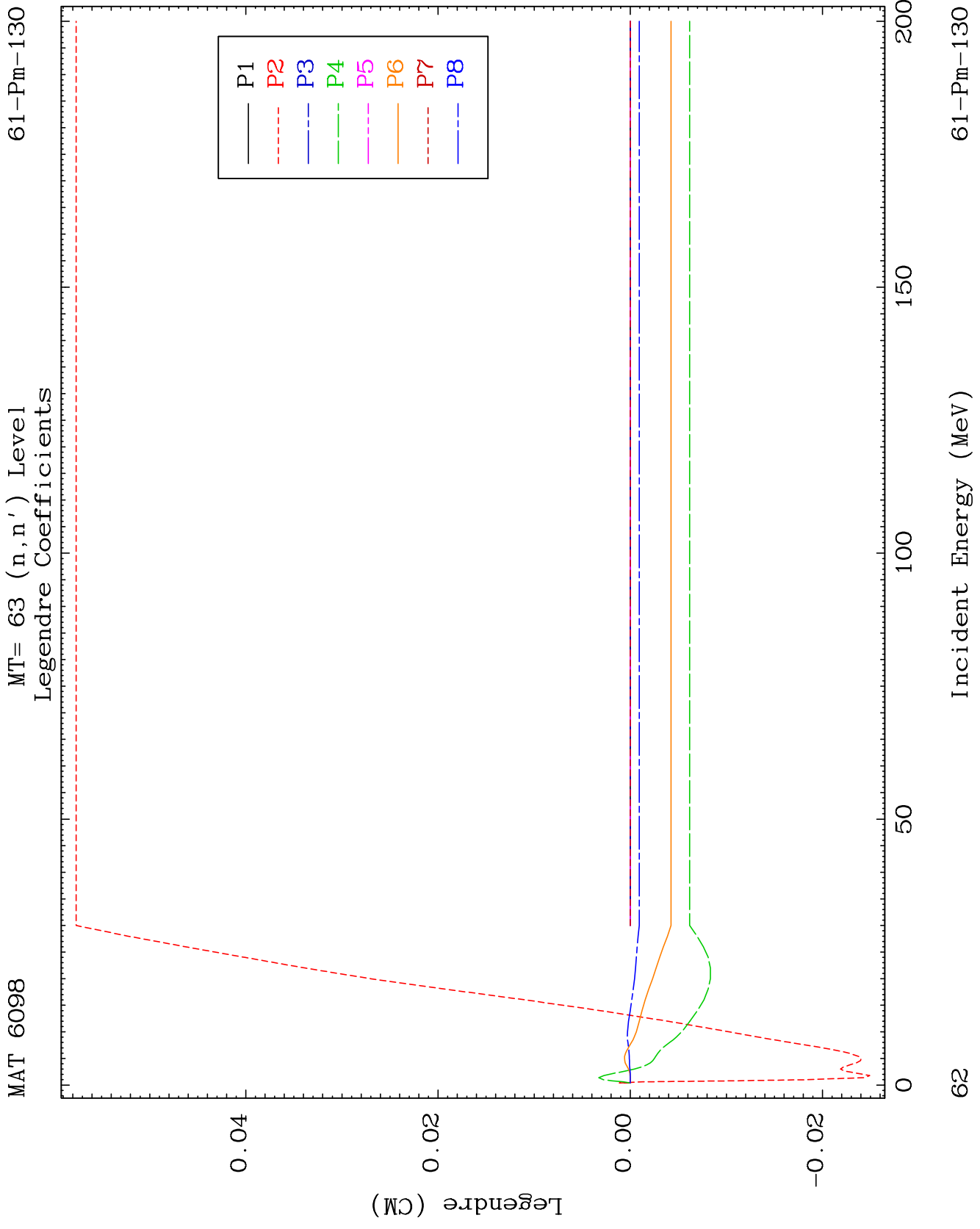
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Incident Energy (MeV)

61-Pm-130



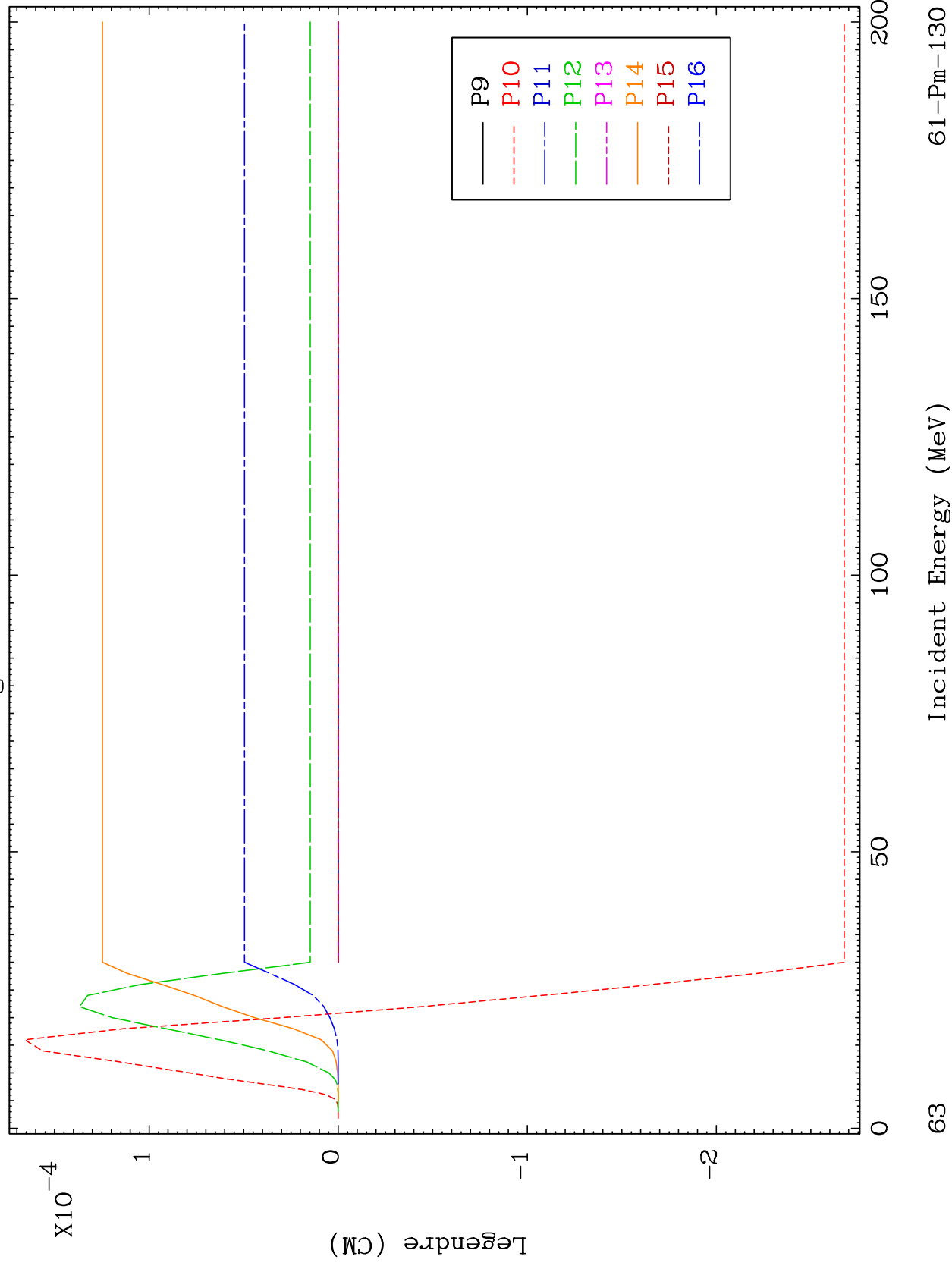




MAT 6098

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

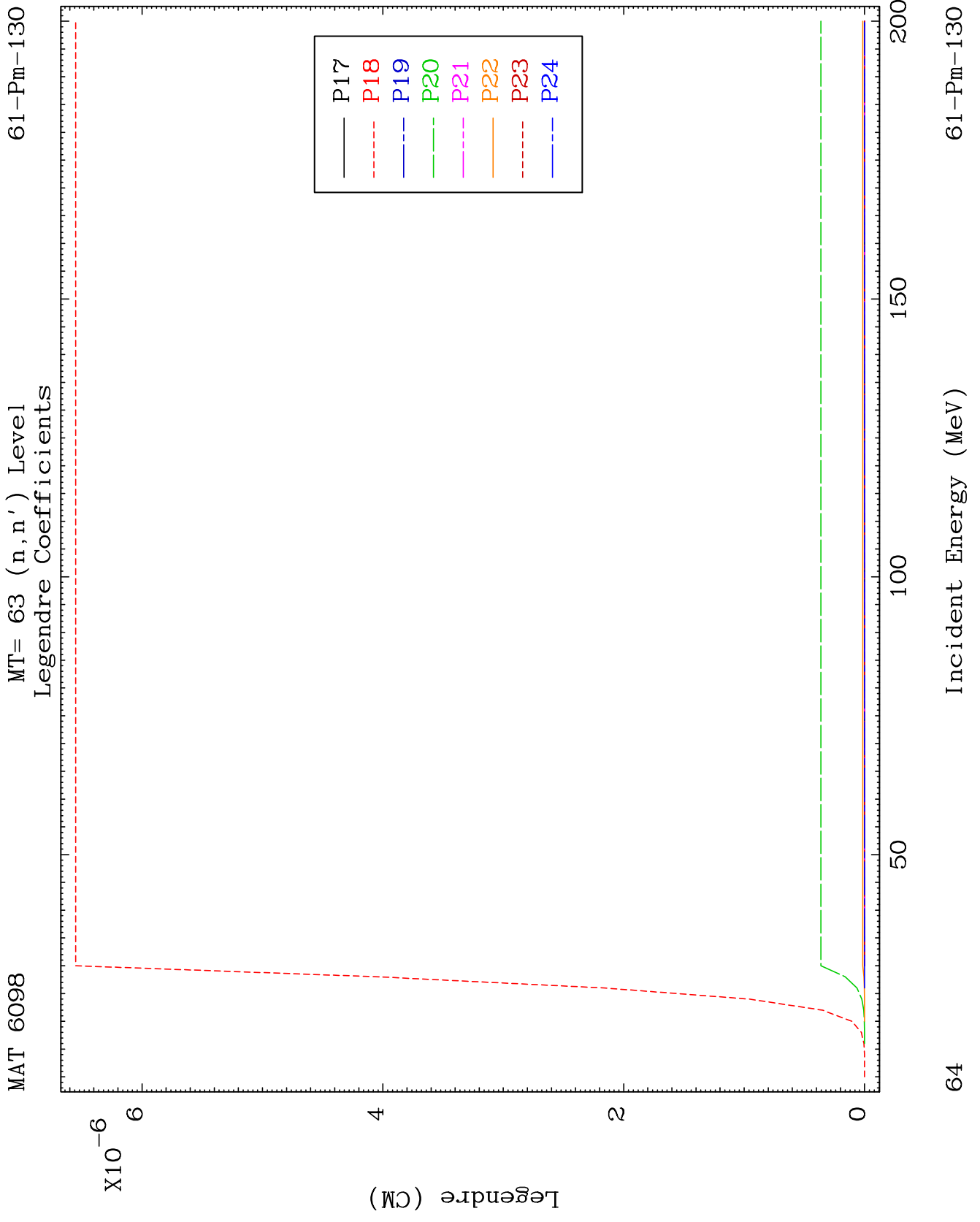
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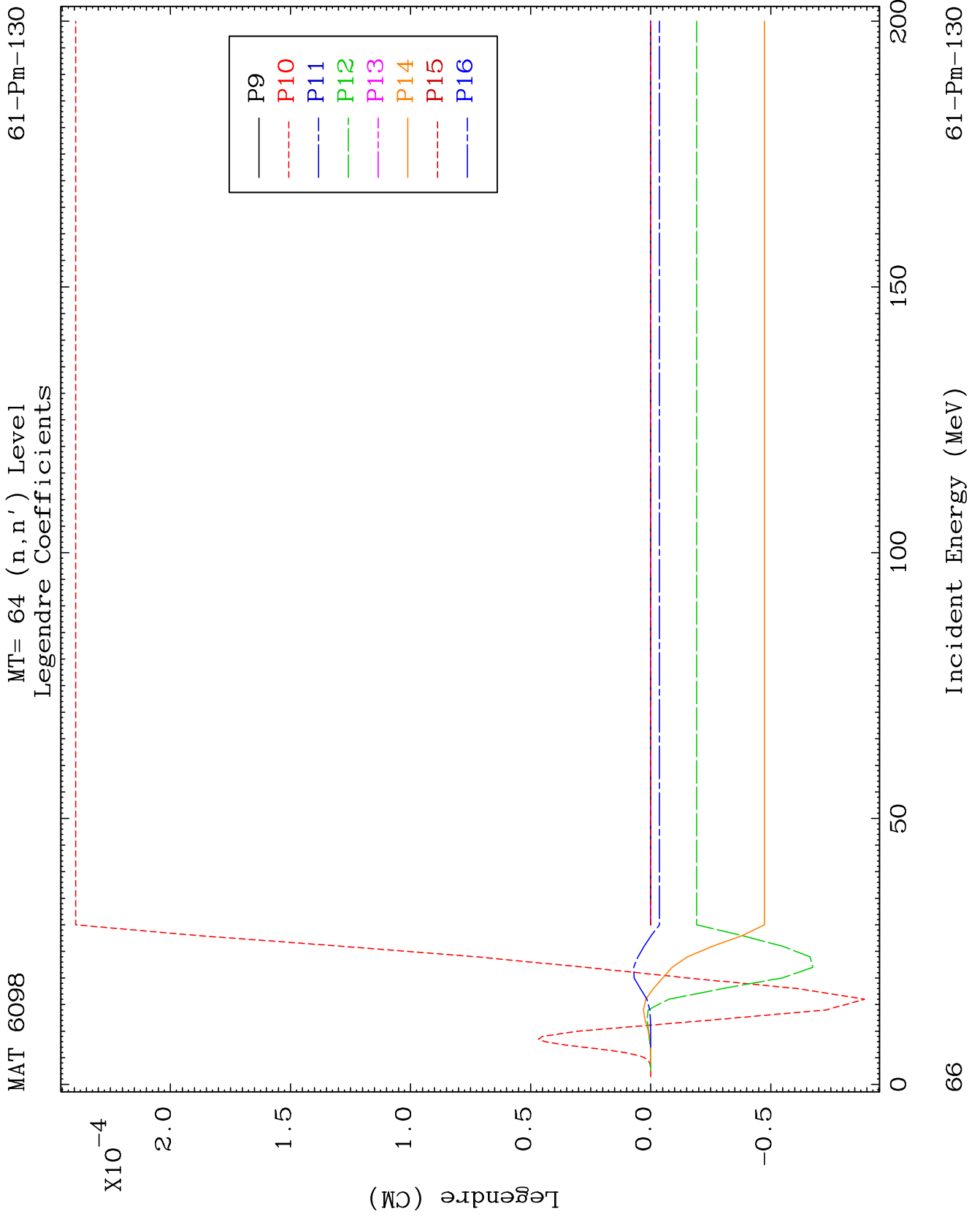
61-Pm-130

Incident Energy (MeV)

63

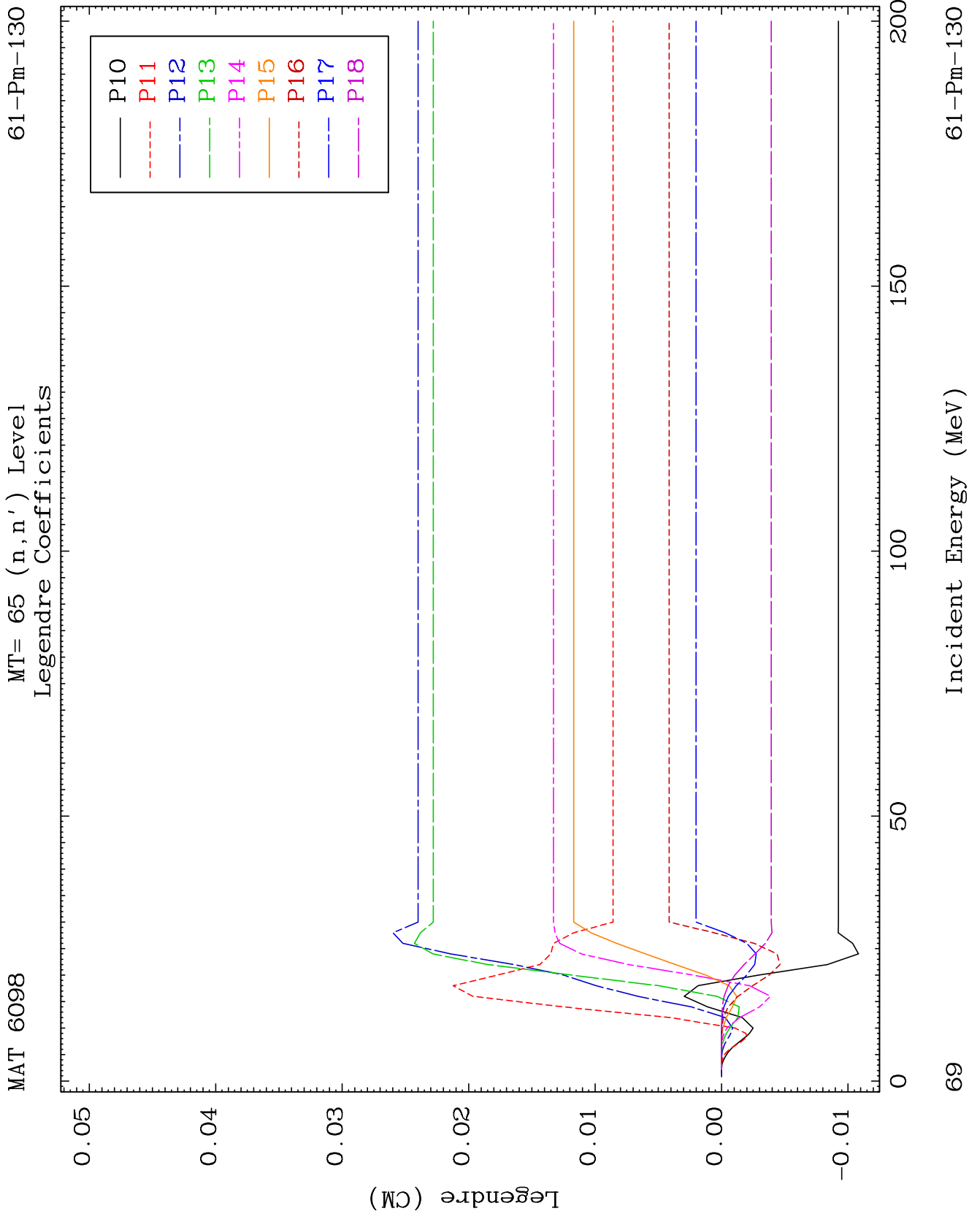








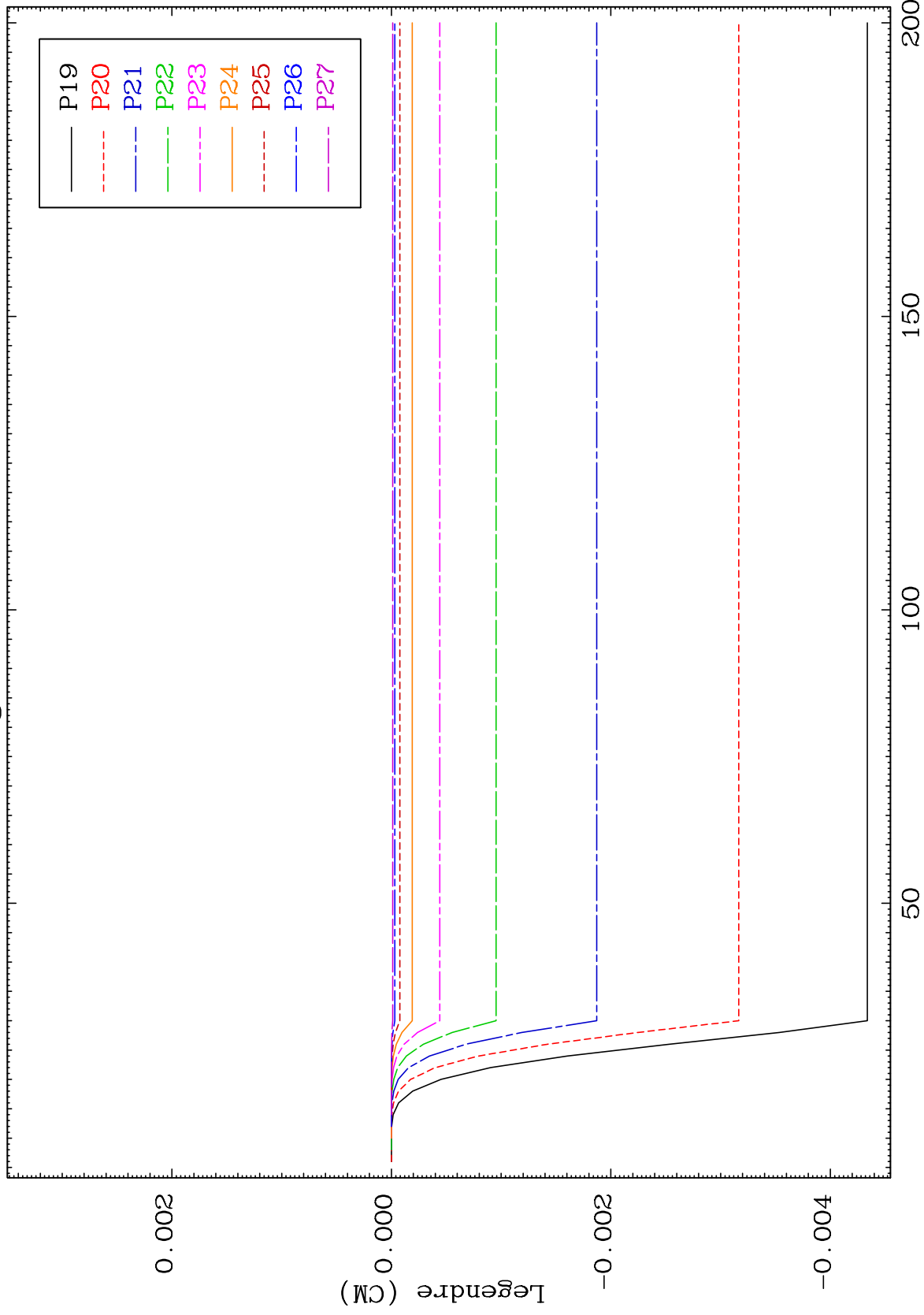




MAT 6098

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

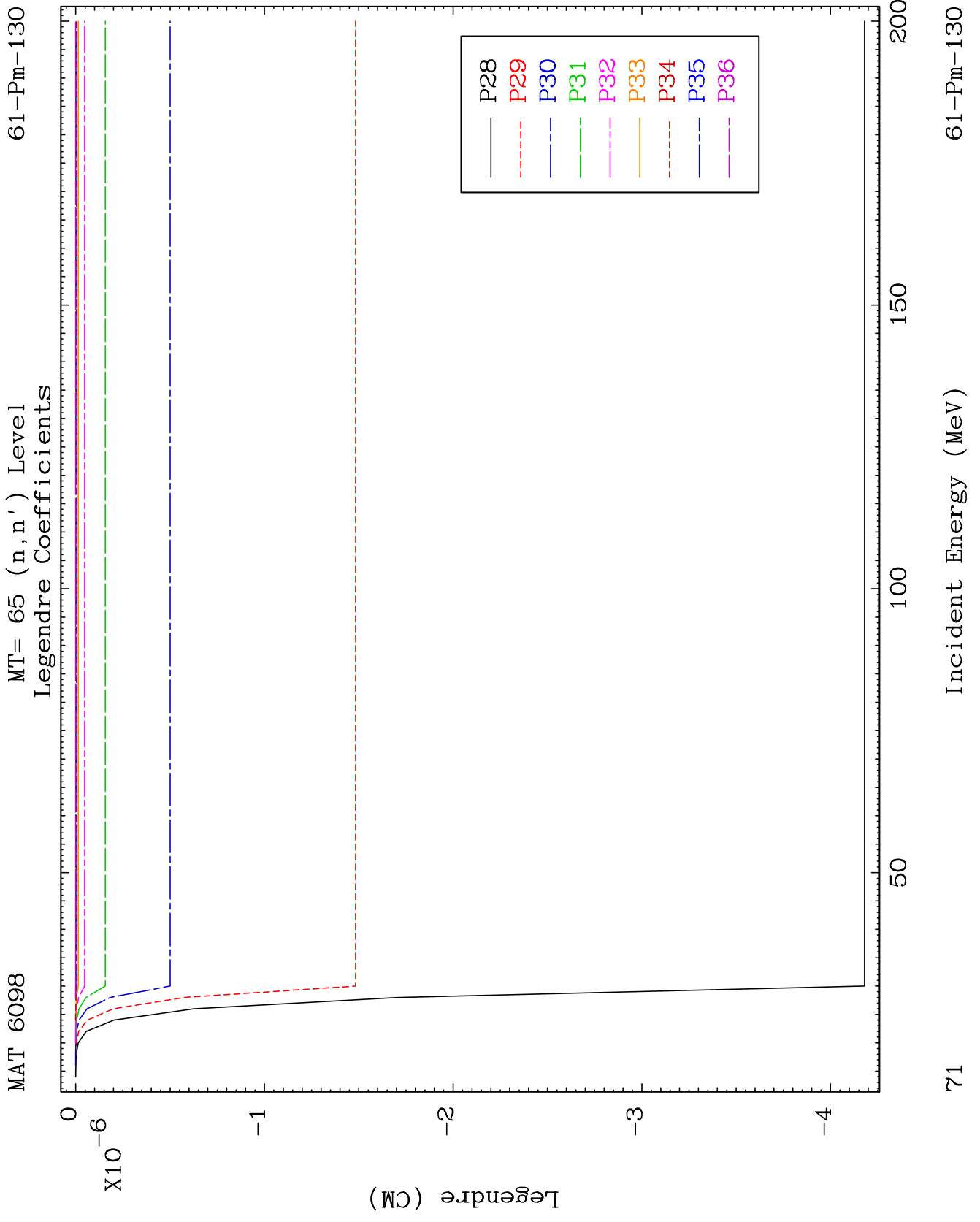
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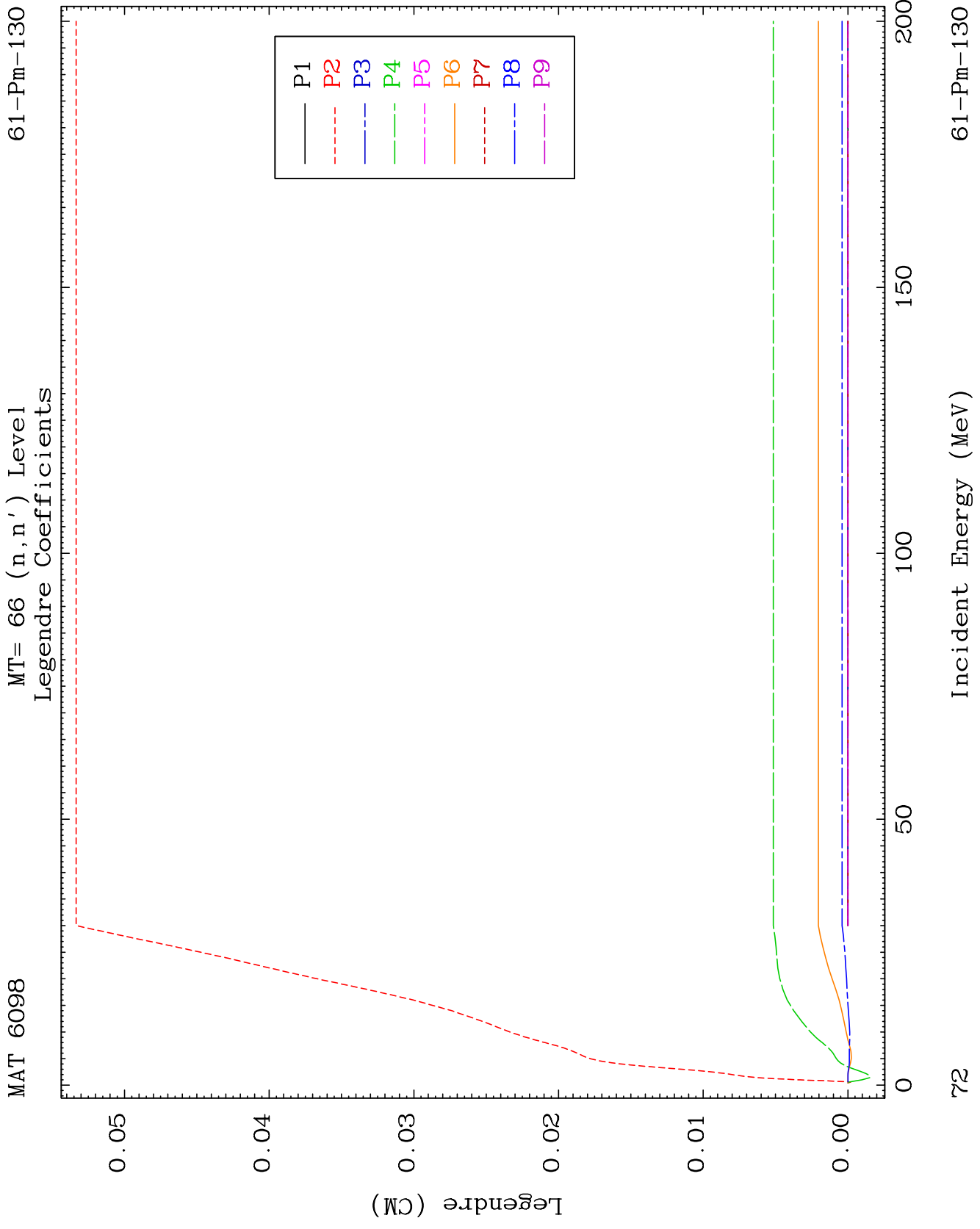


70

Incident Energy (MeV)

61-Pm-130

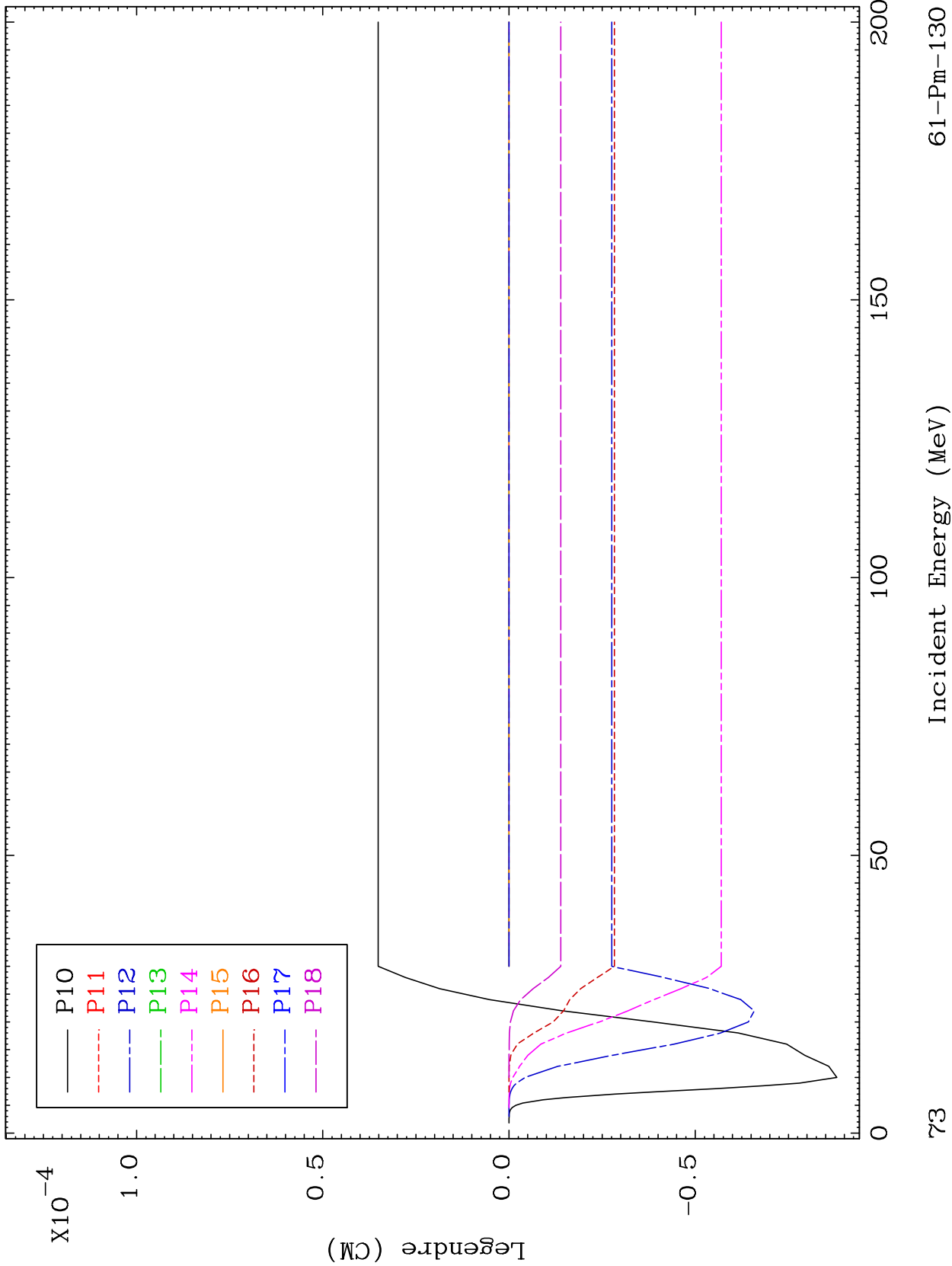


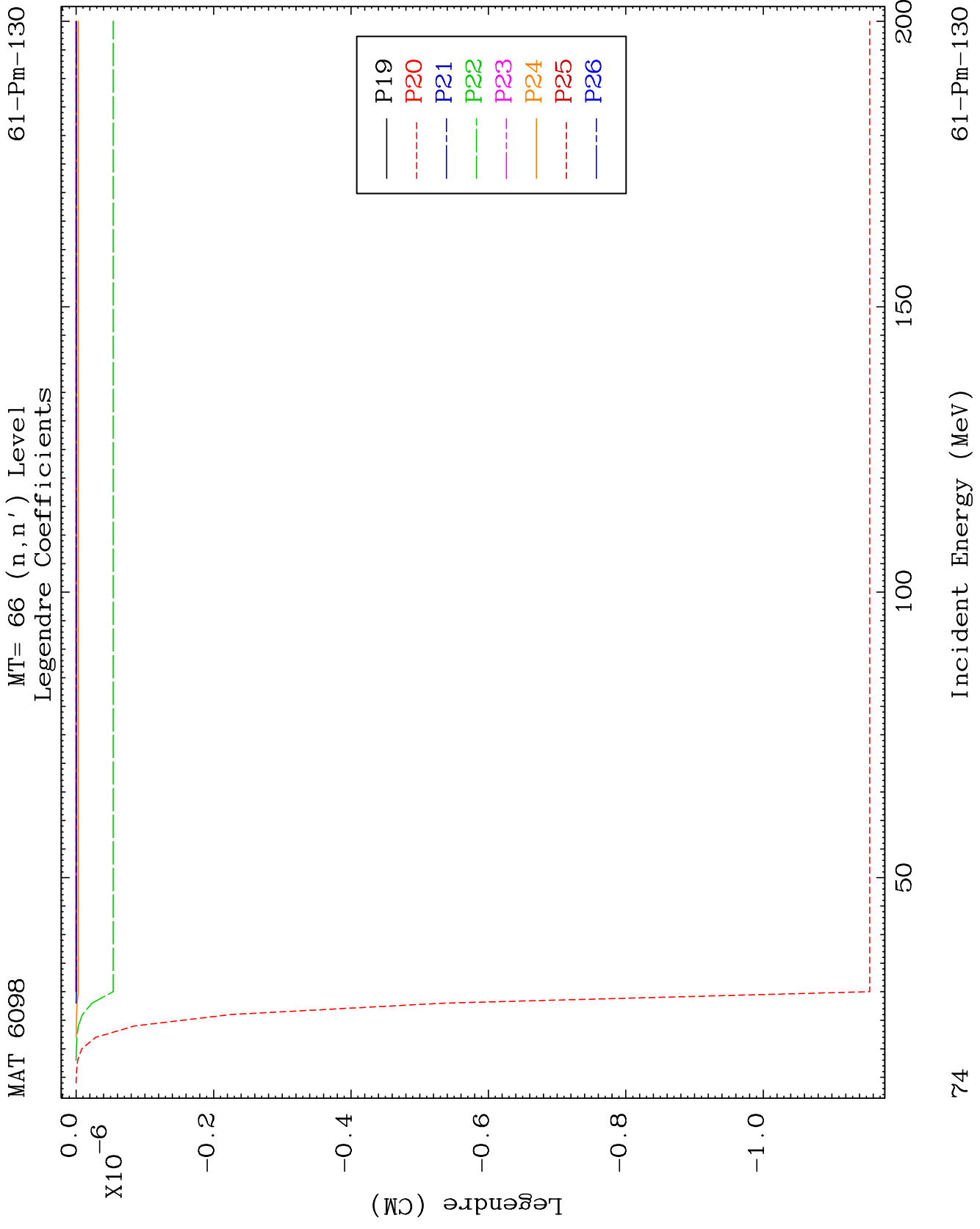


MAT 6098

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

61-Pm-130

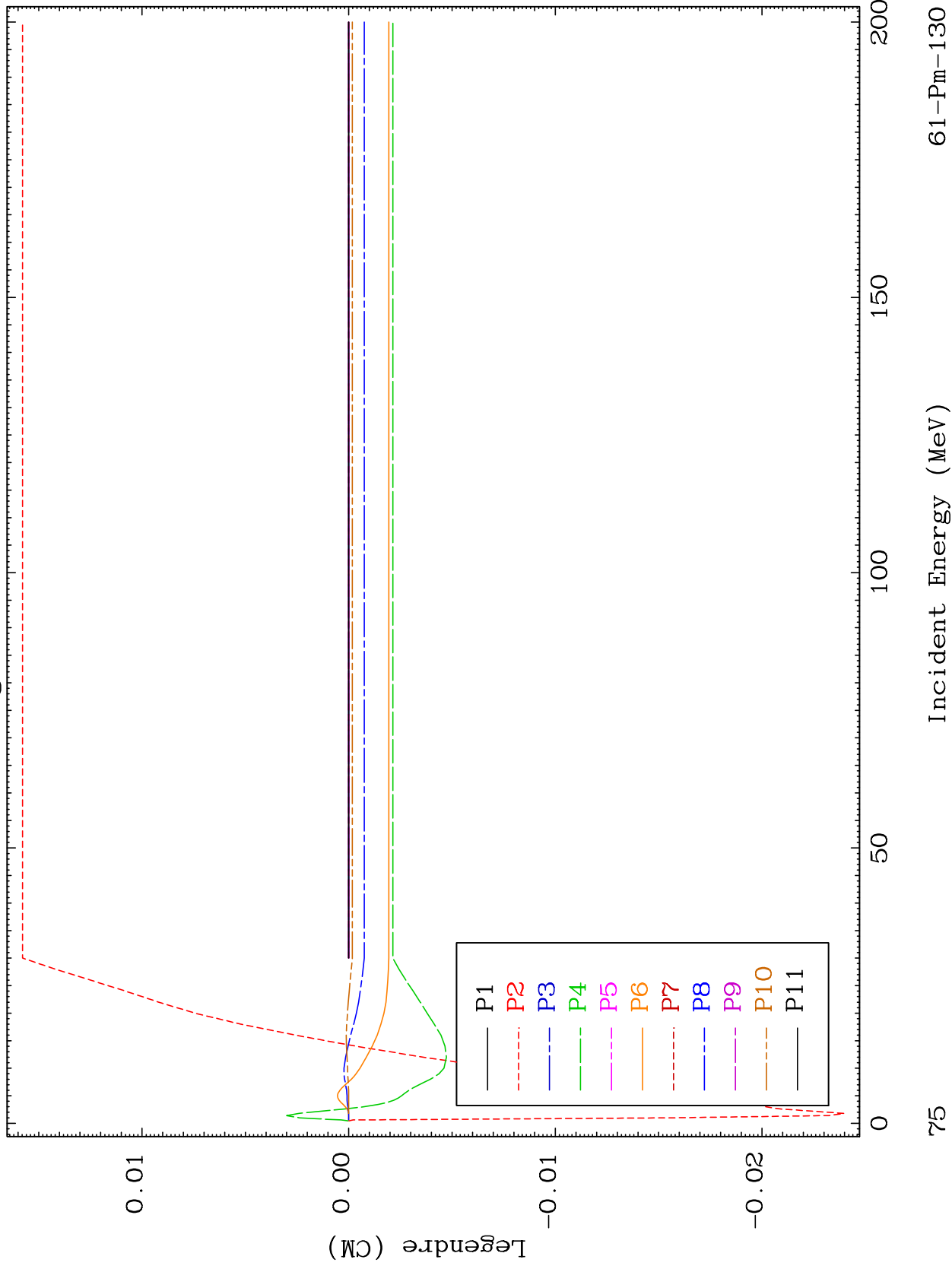




MAT 6098

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

61-Pm-130



75

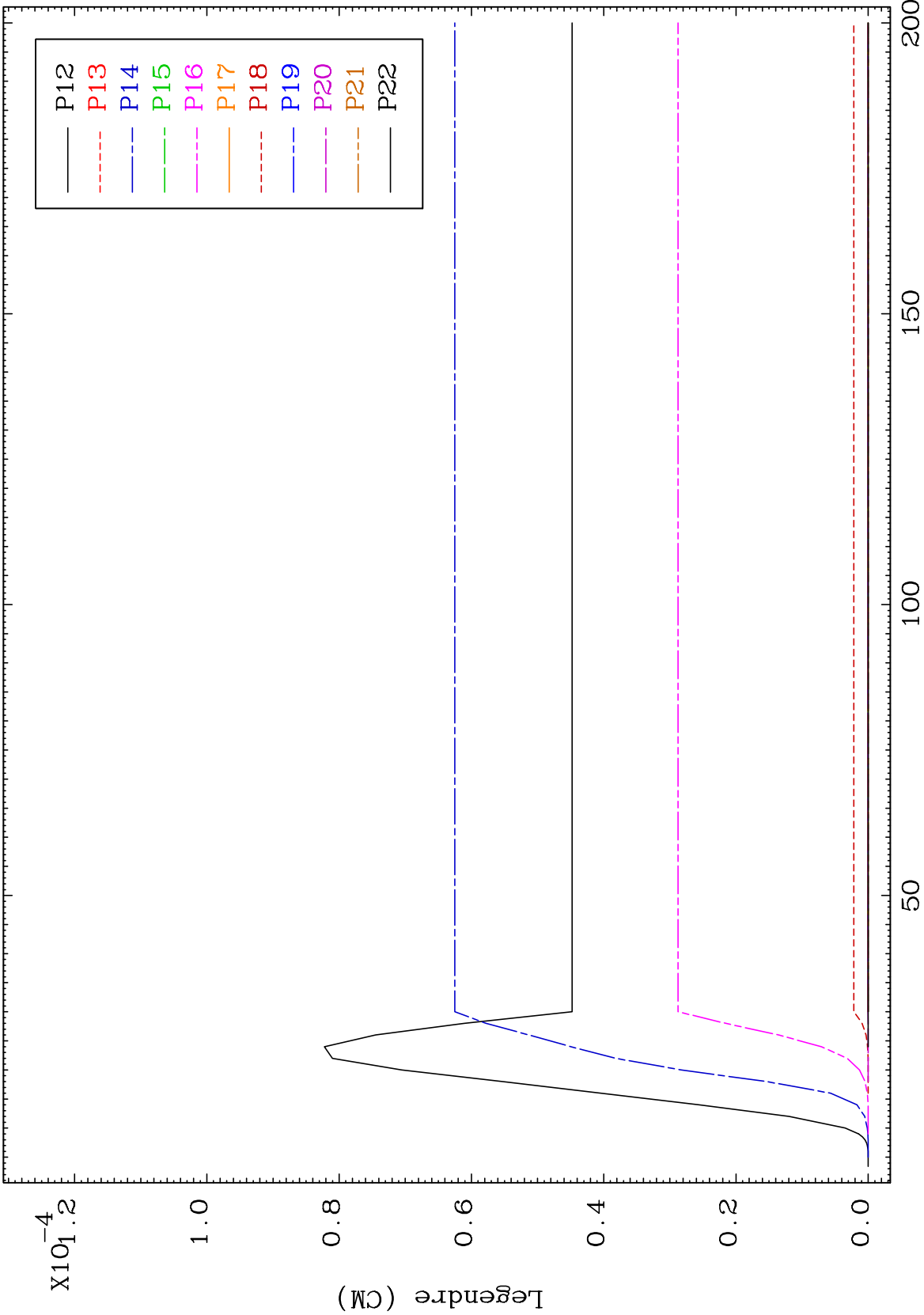
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

61-Pm-130



76

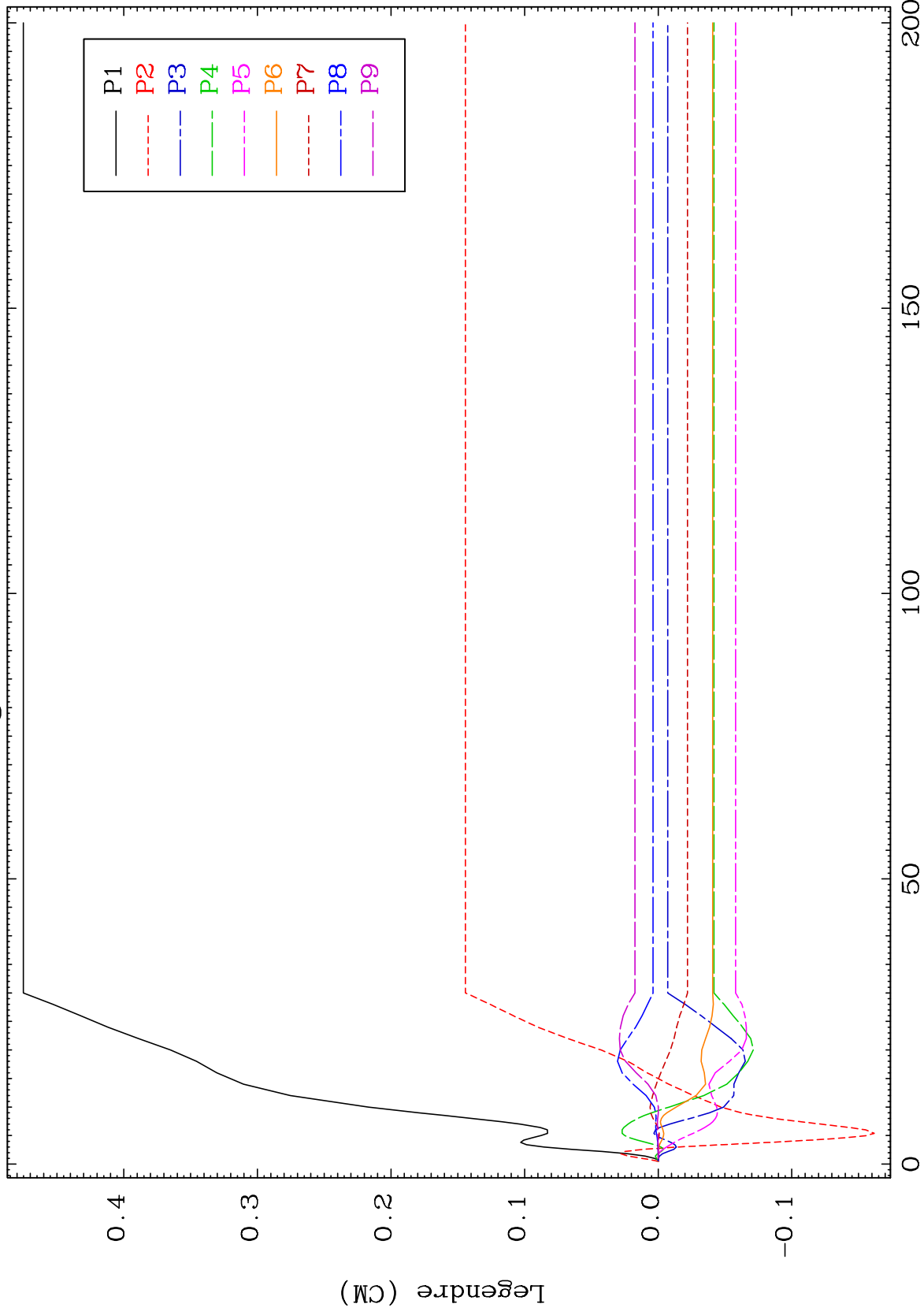
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

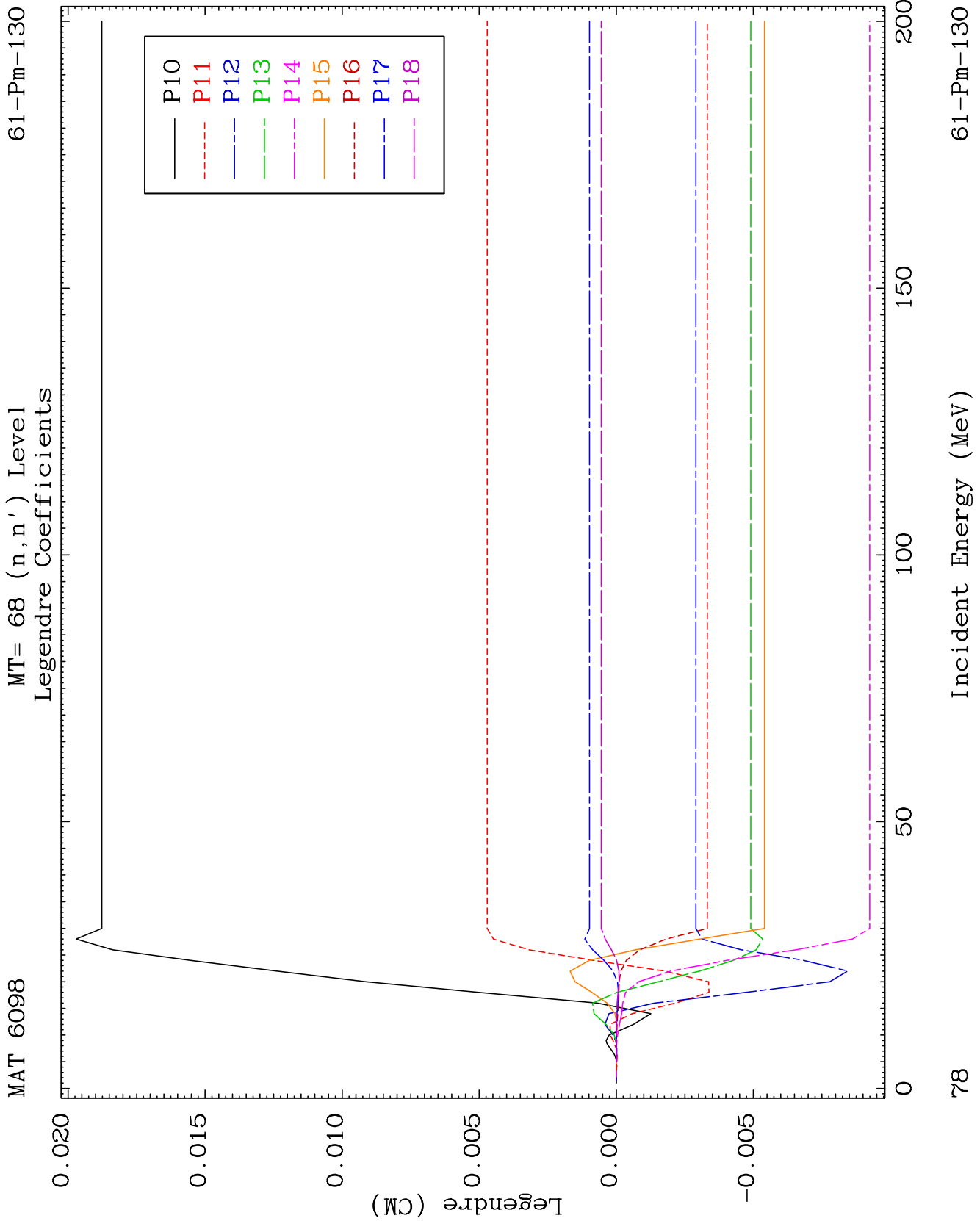
61-Pm-130



77

Incident Energy (MeV)

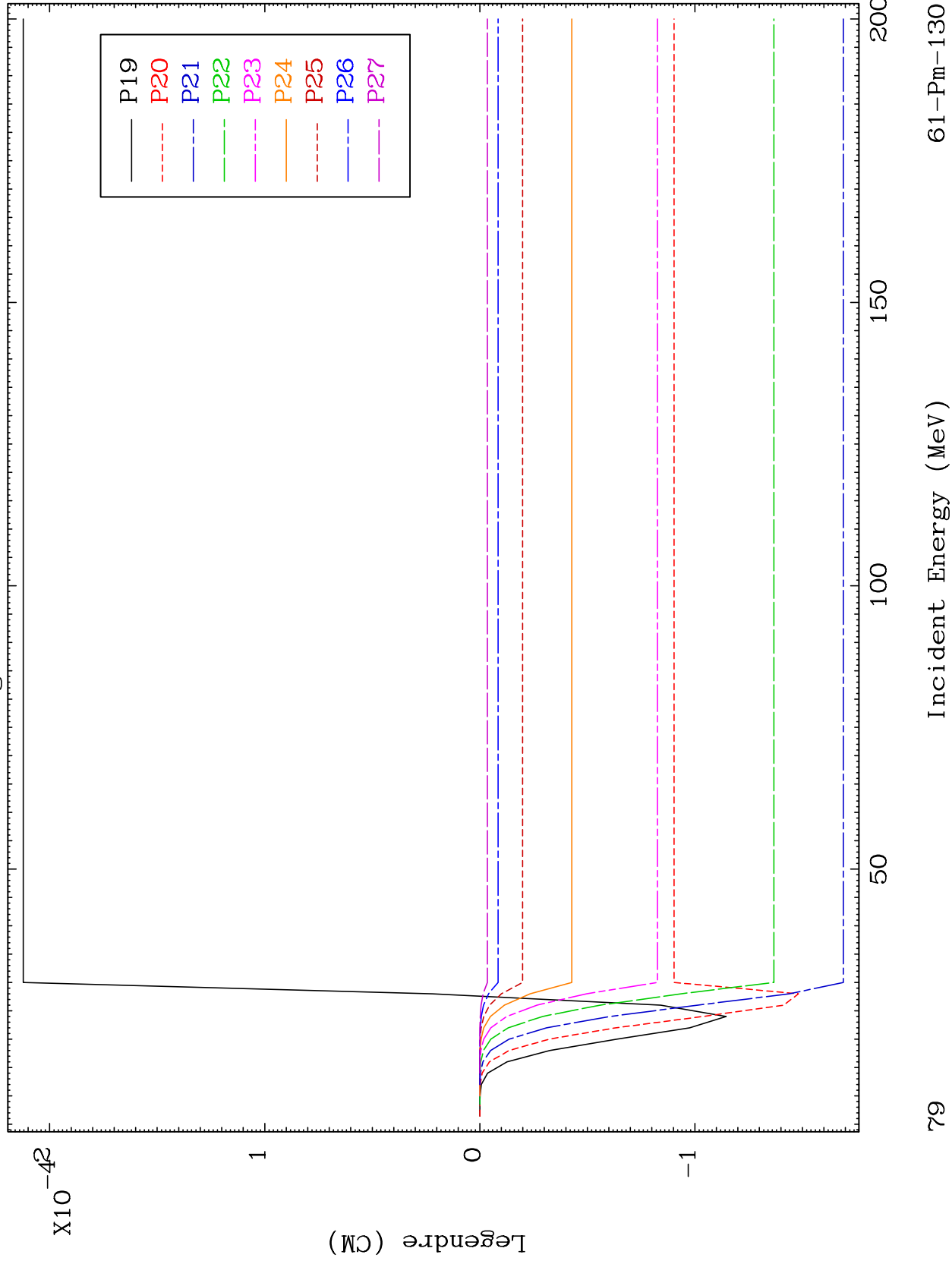
61-Pm-130



MAT 6098

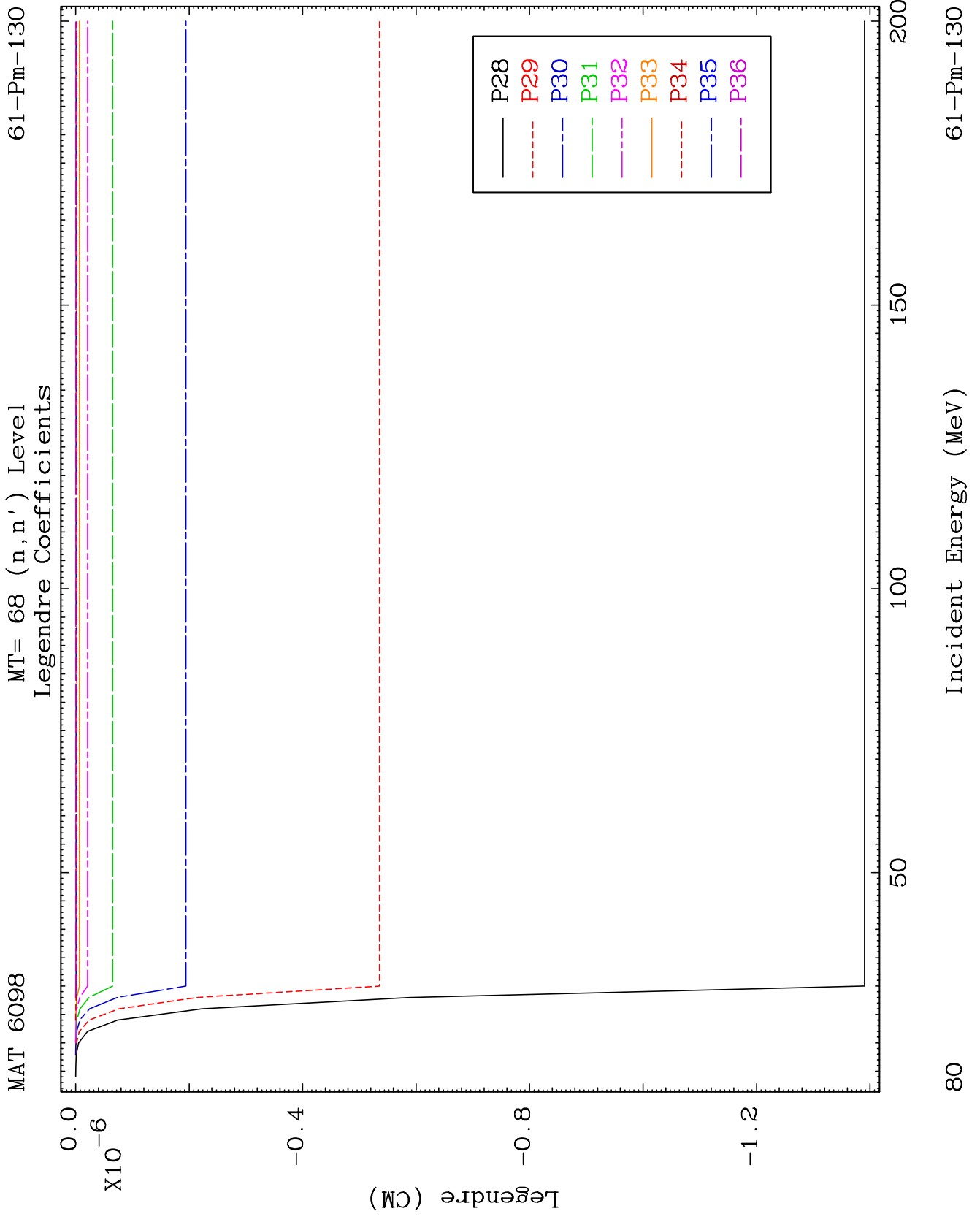
MT= 68 (n,n') Level  
Legendre Coefficients

61-Pm-130



79

61-Pm-130

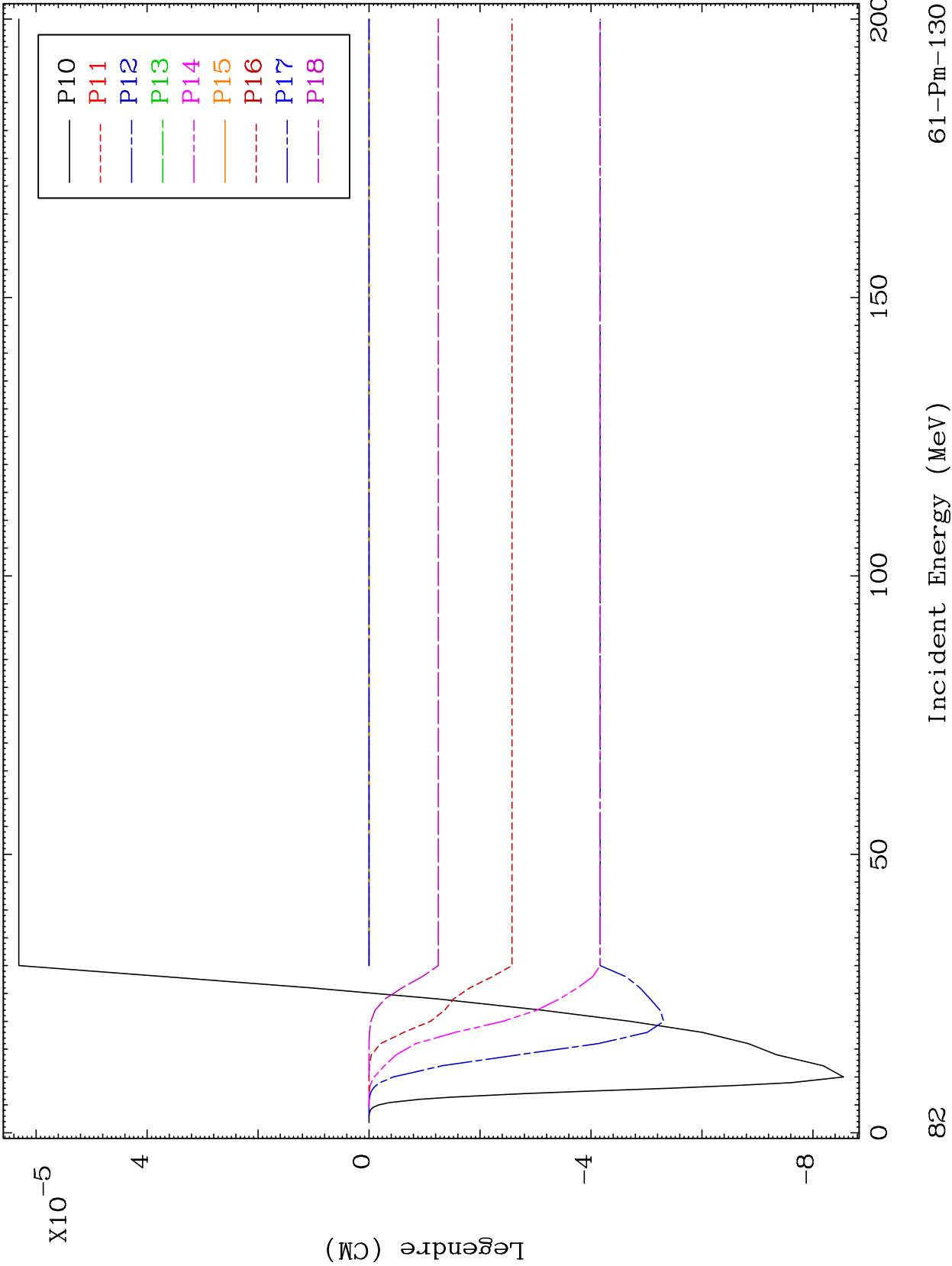


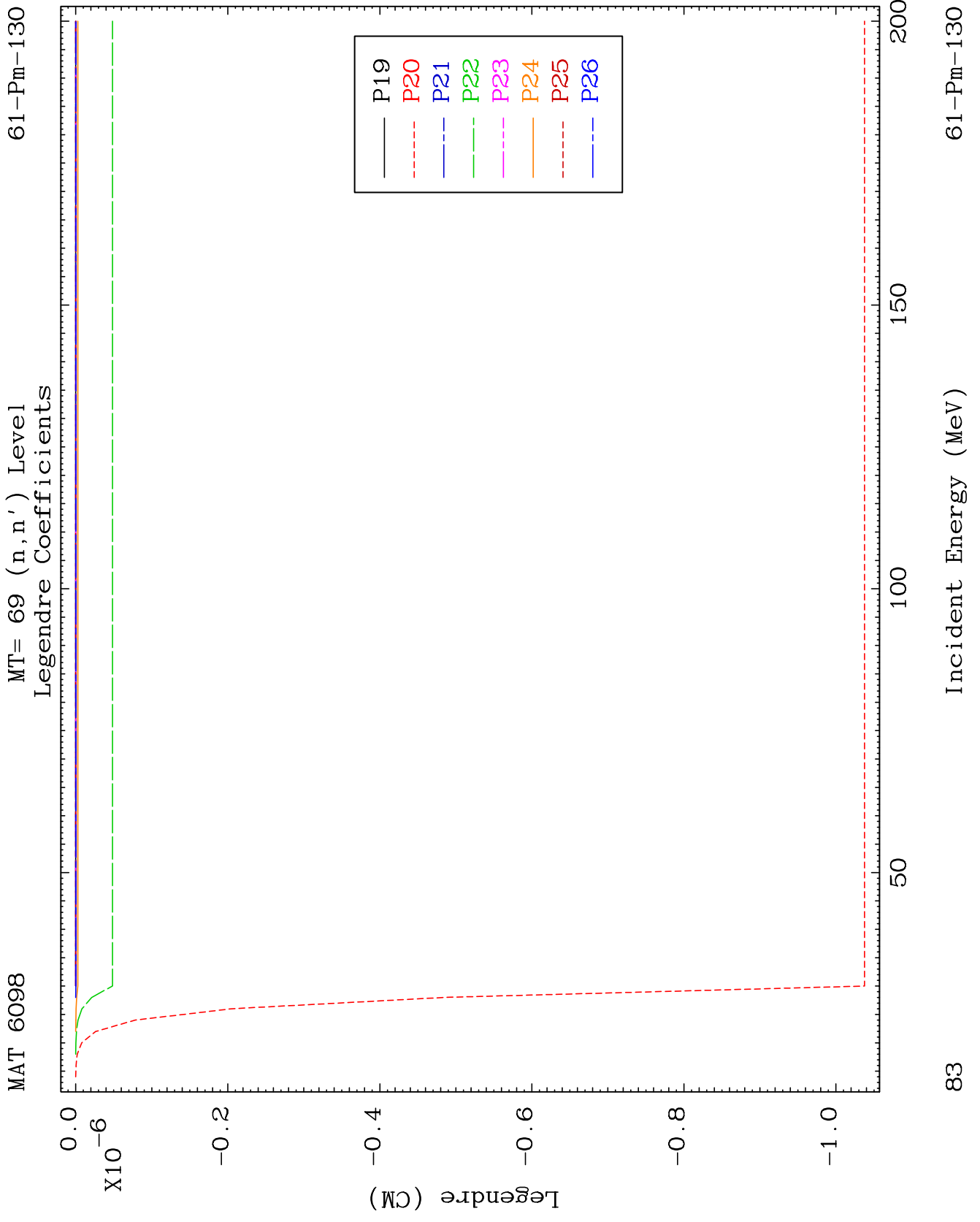


MAT 6098

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

61-Pm-130

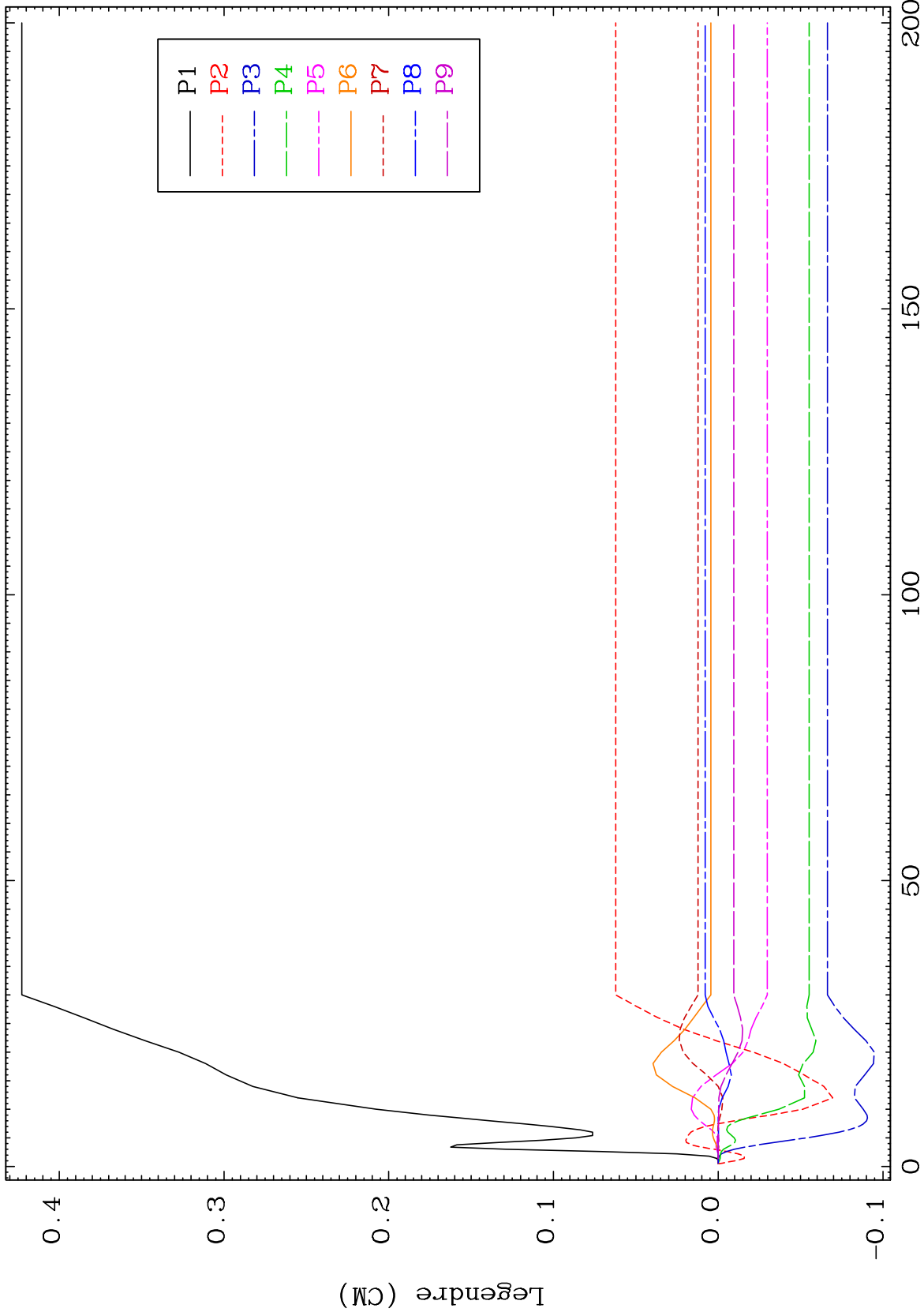




MAT 6098

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

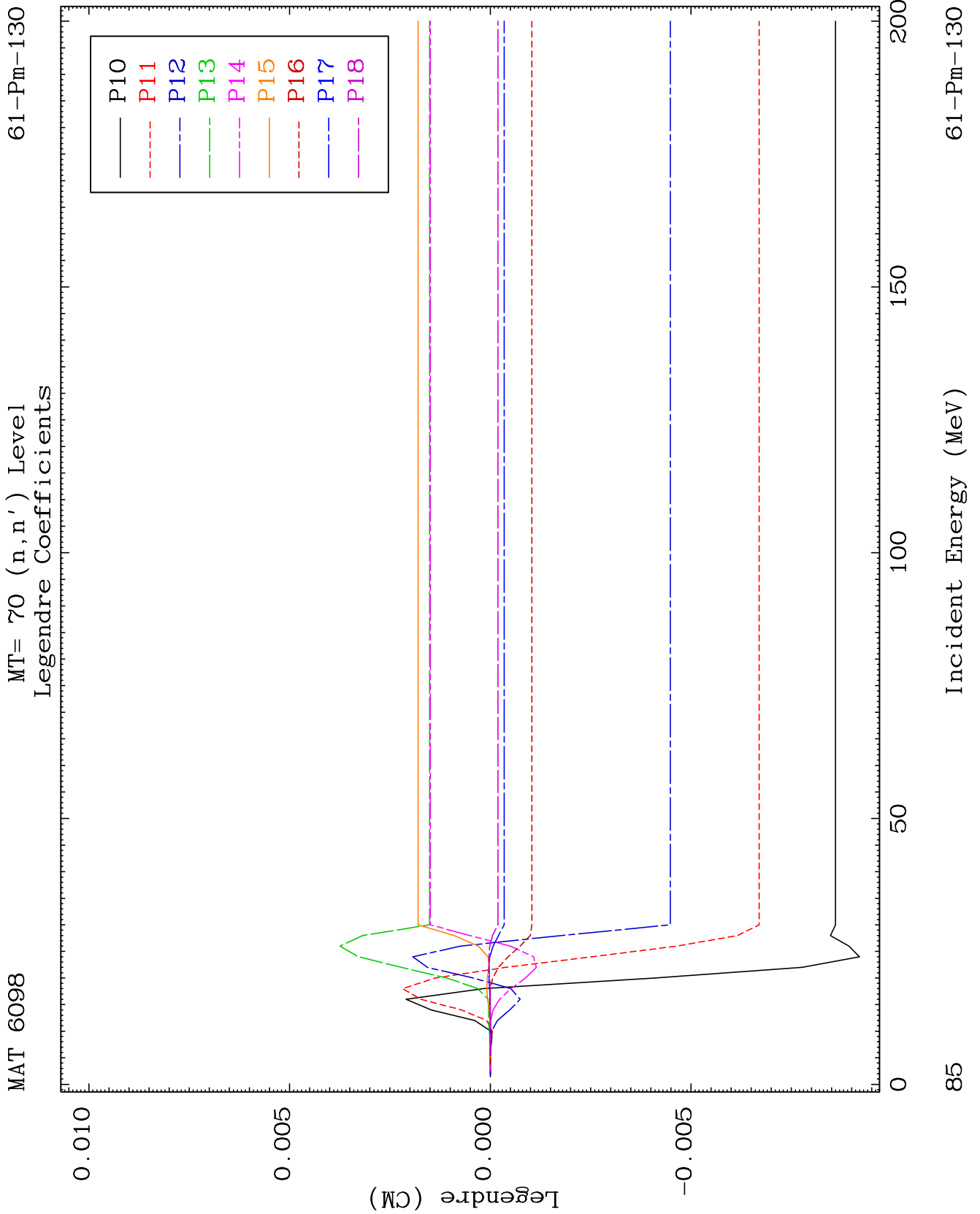
61-Pm-130



84

Incident Energy (MeV)

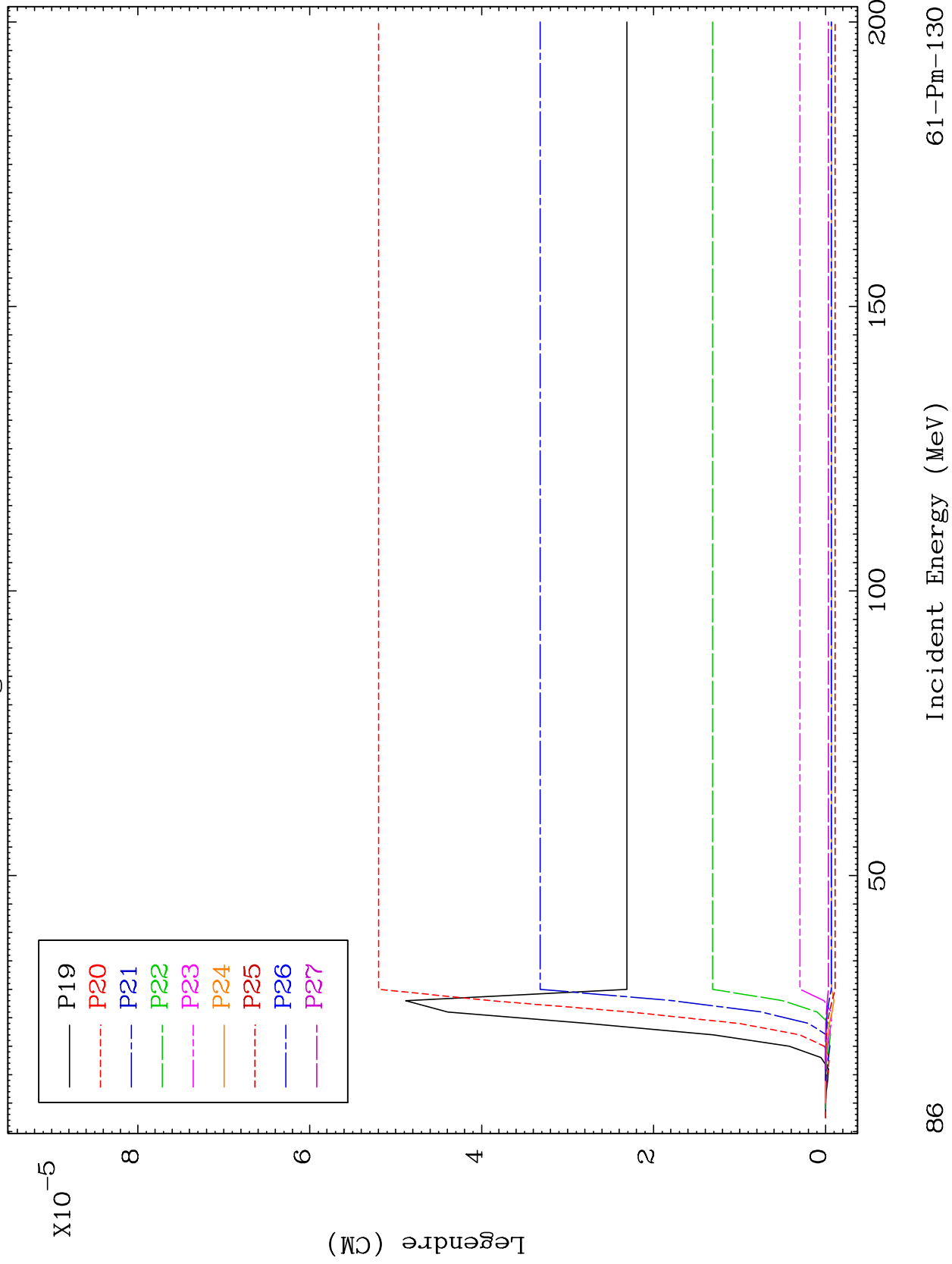
61-Pm-130

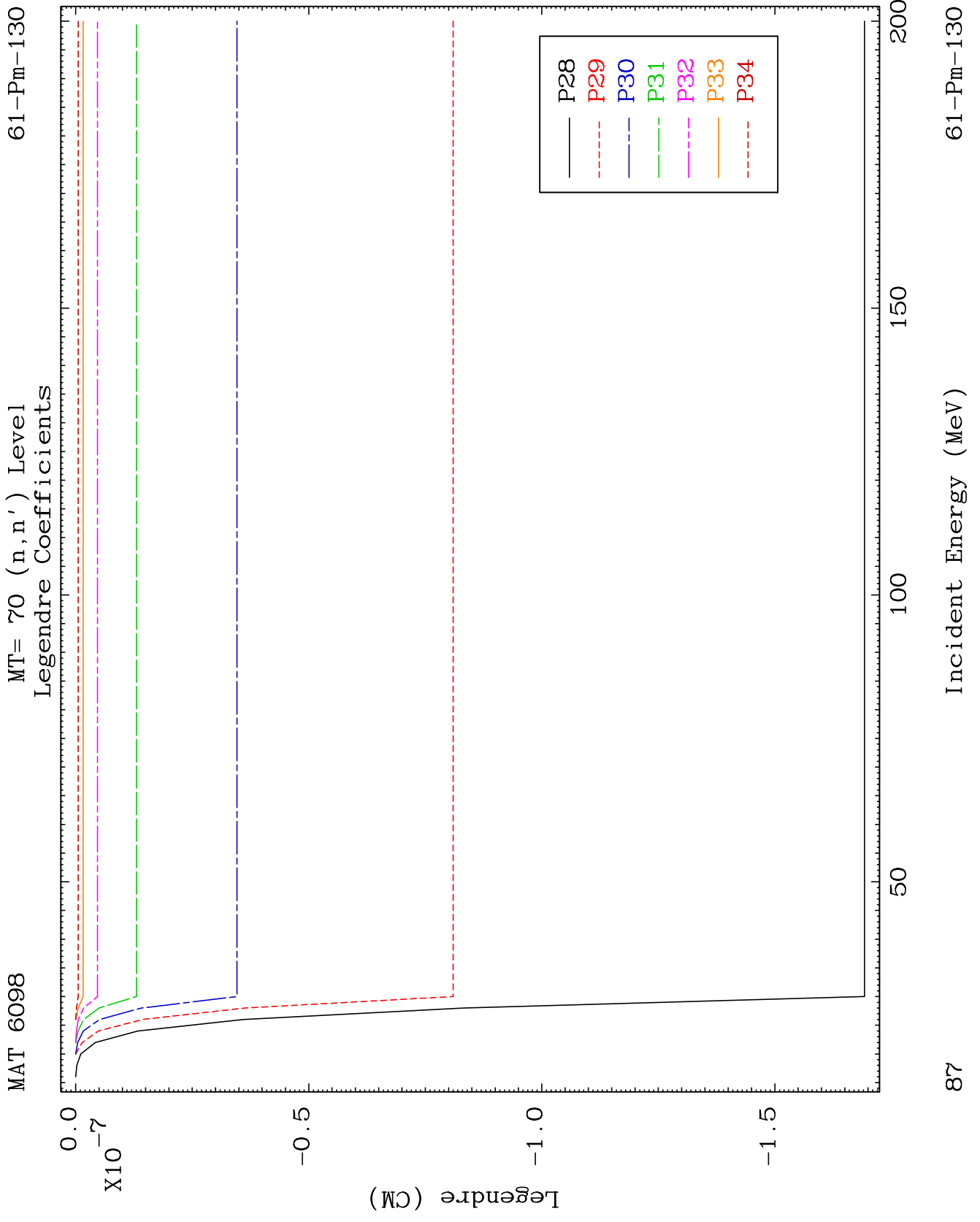


MAT 6098

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

61-Pm-130

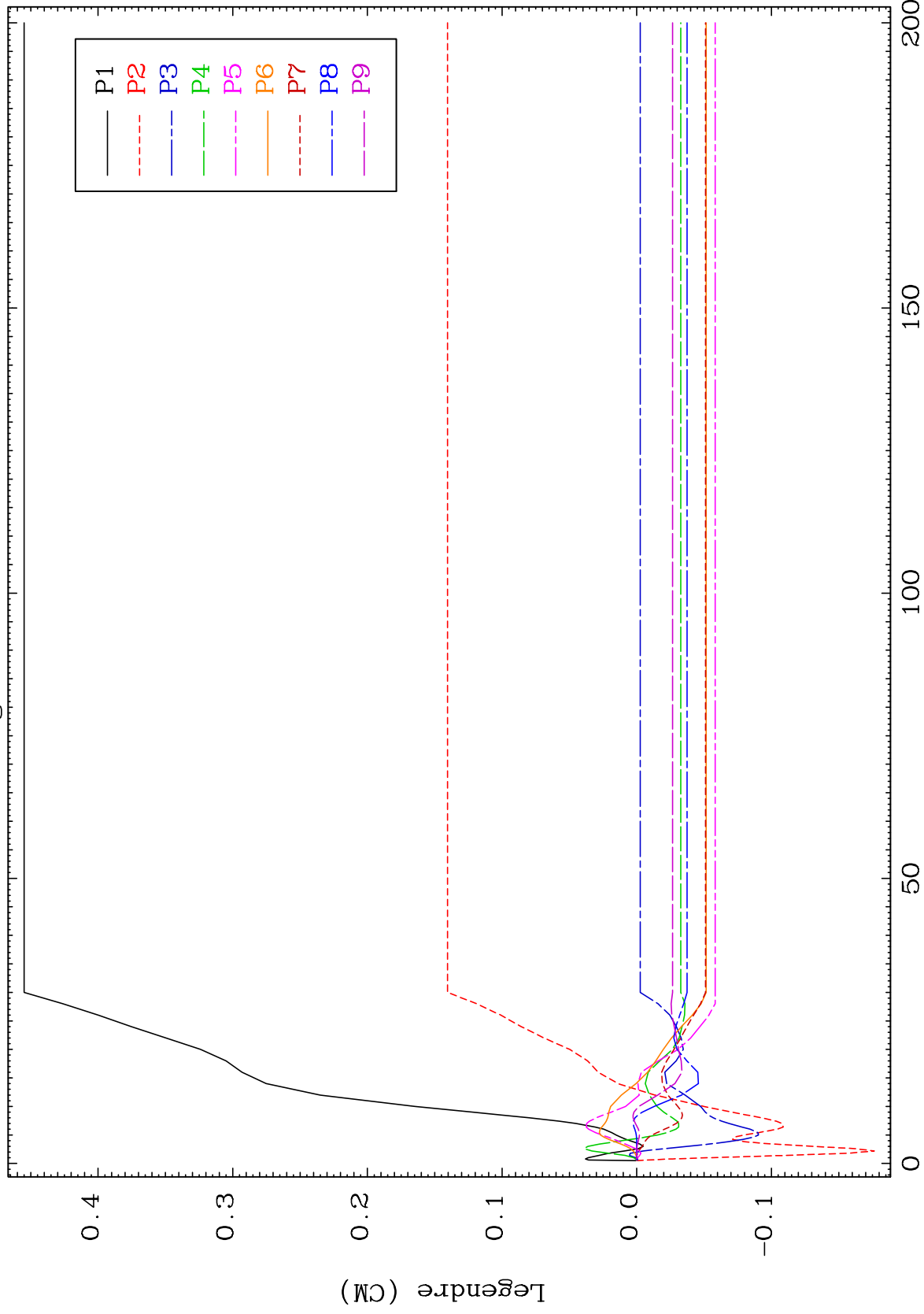




MAT 6098

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

61-Pm-130



88

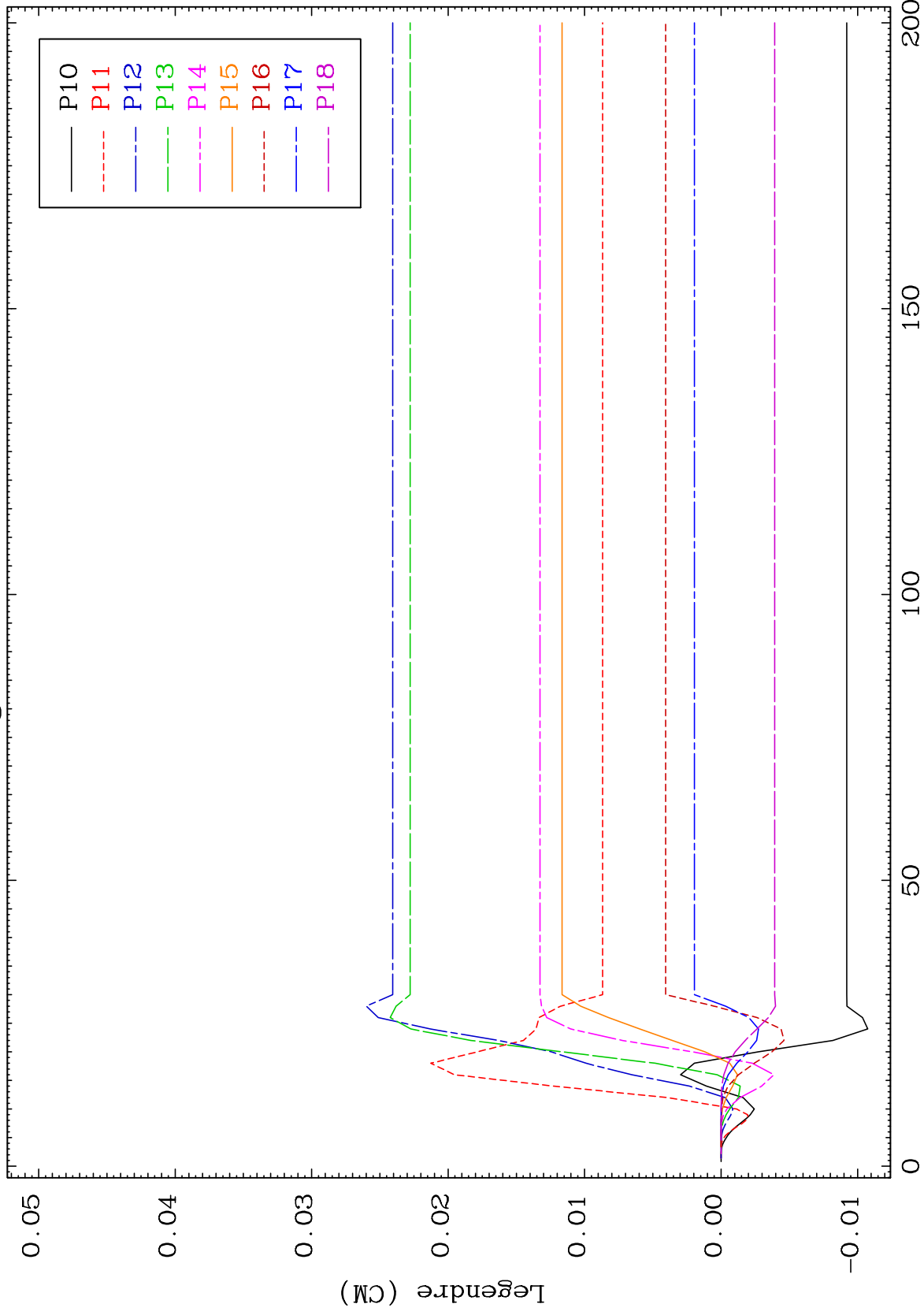
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

61-Pm-130



89

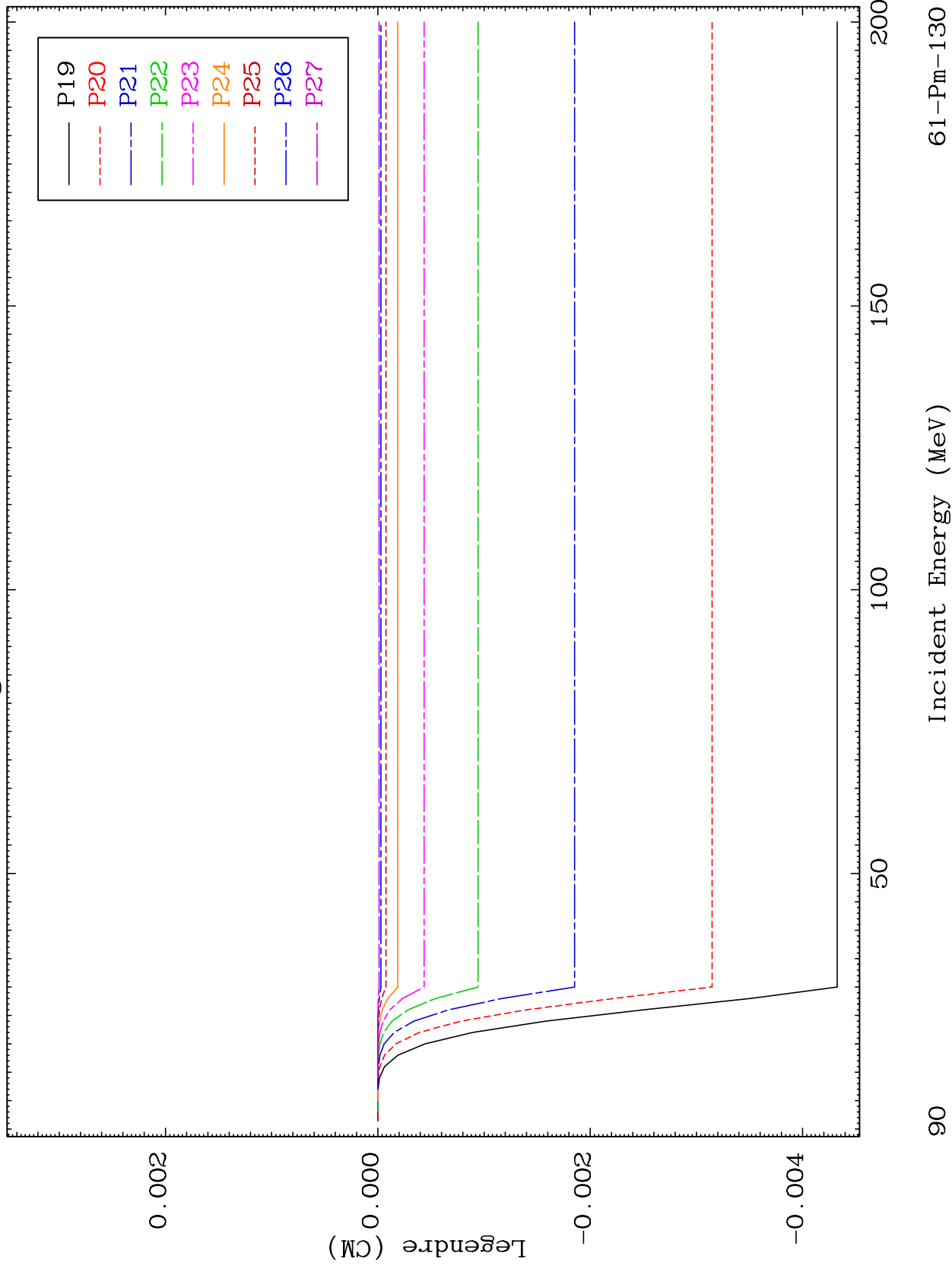
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

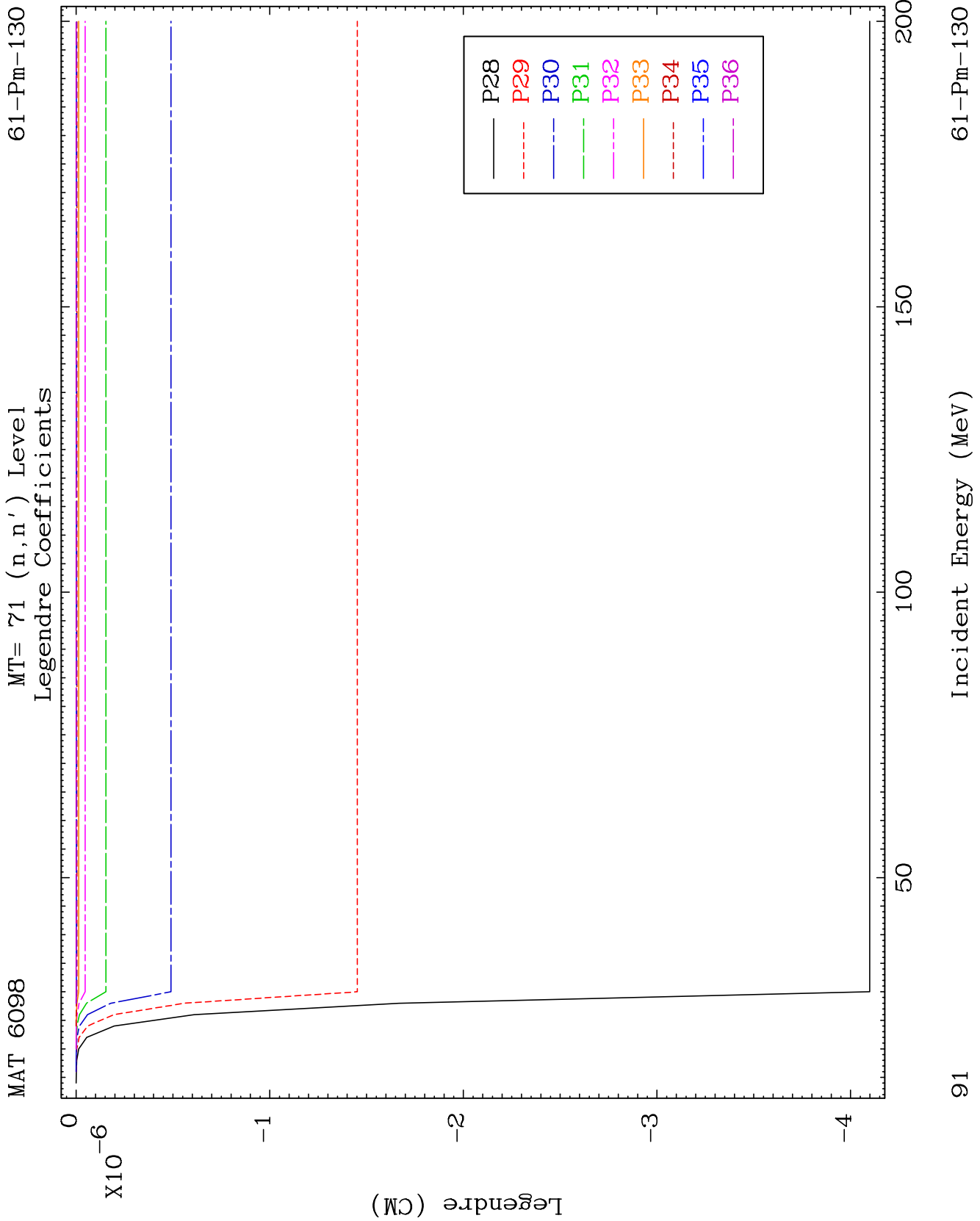
61-Pm-130



90

Incident Energy (MeV)

61-Pm-130

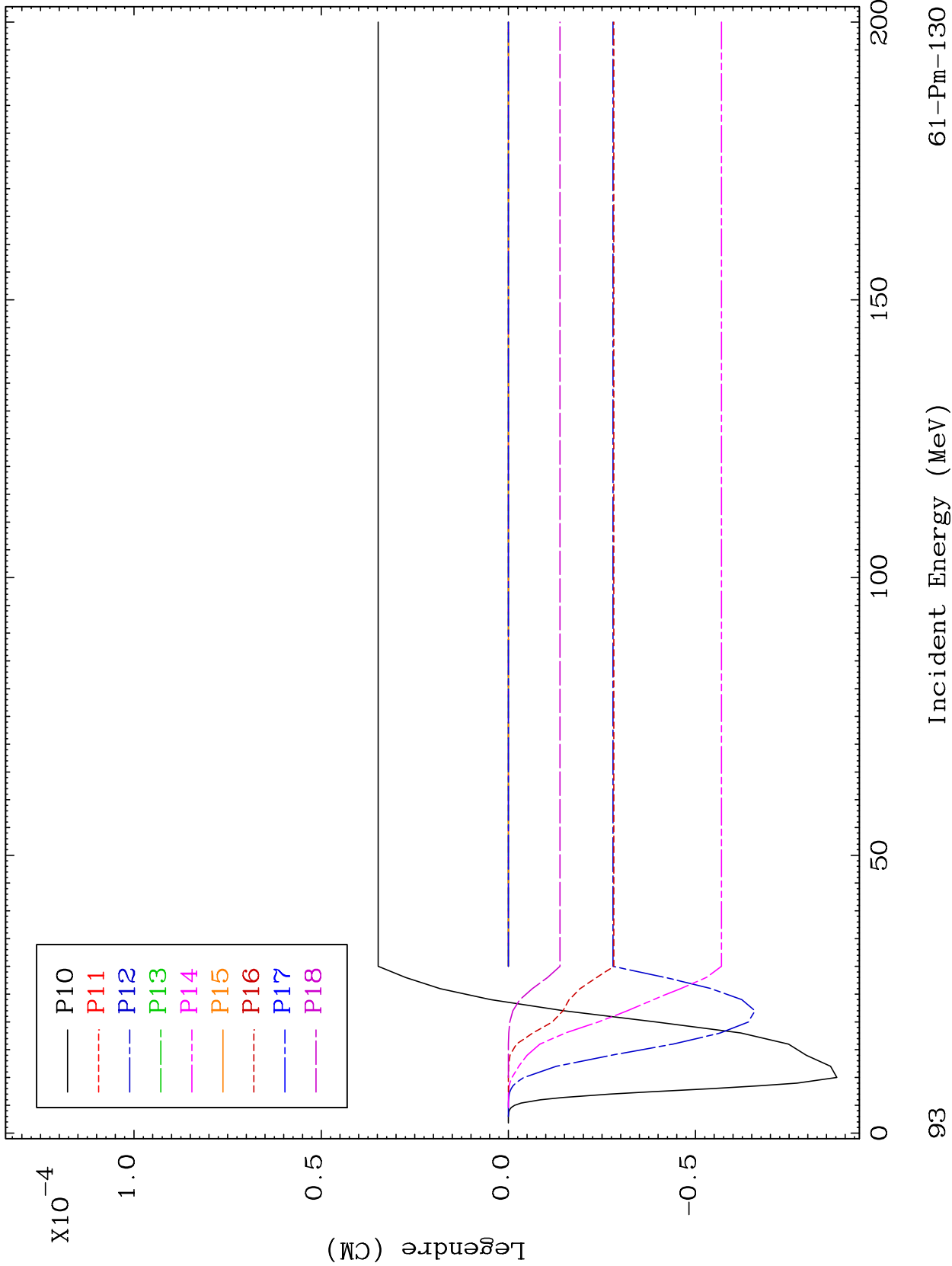




MAT 6098

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

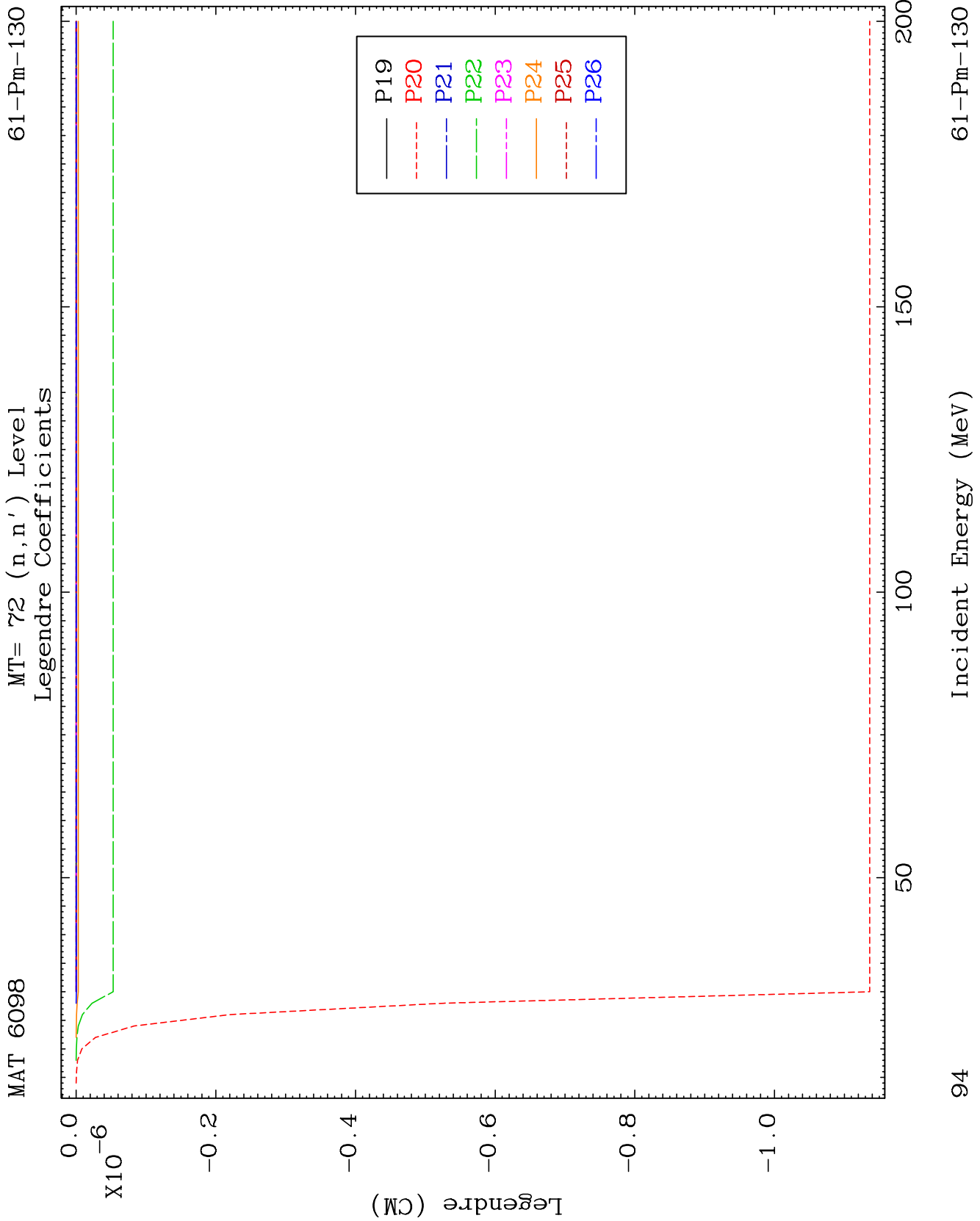
61-Pm-130



93

Incident Energy (MeV)

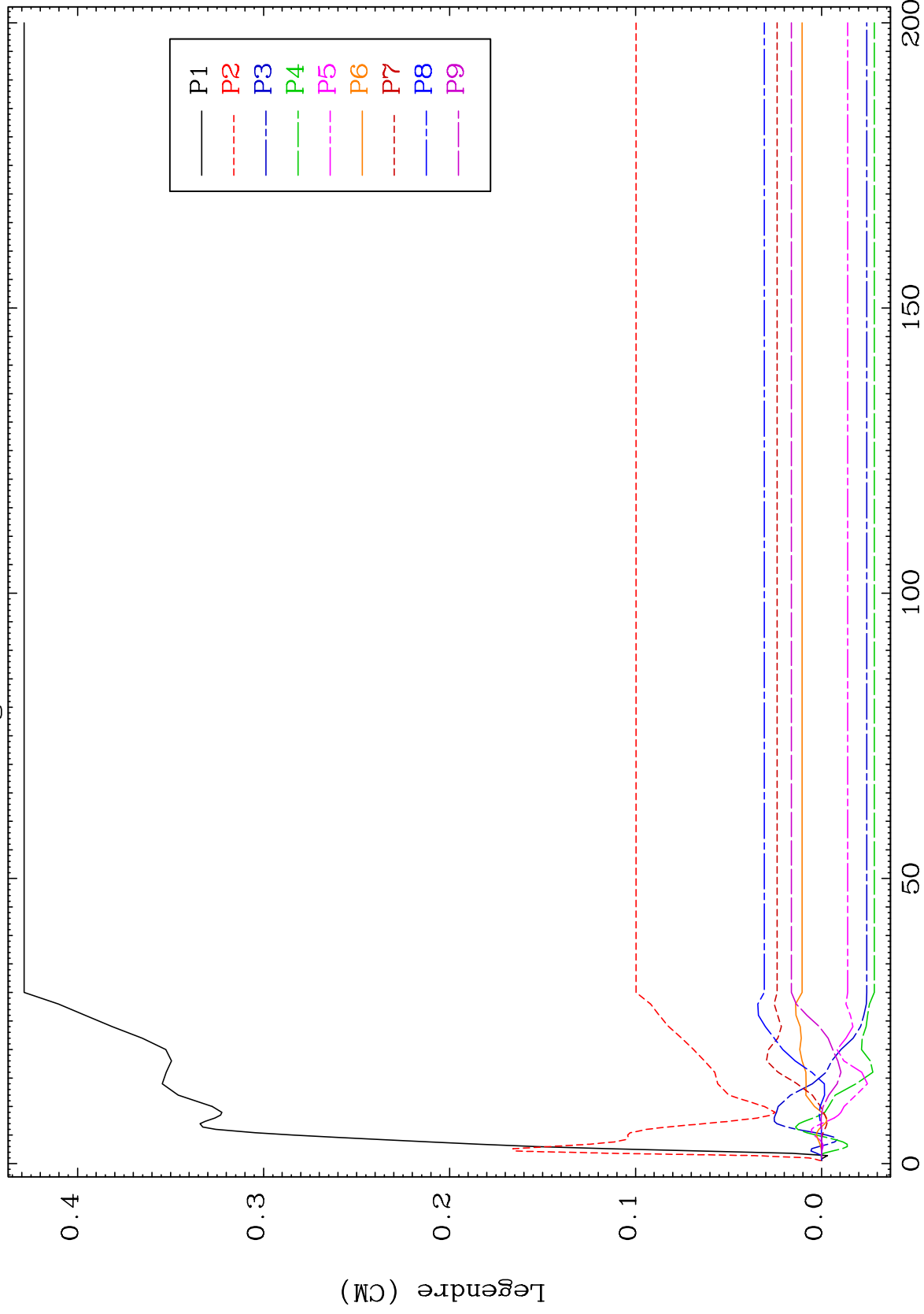
61-Pm-130



MAT 6098

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

61-Pm-130



95

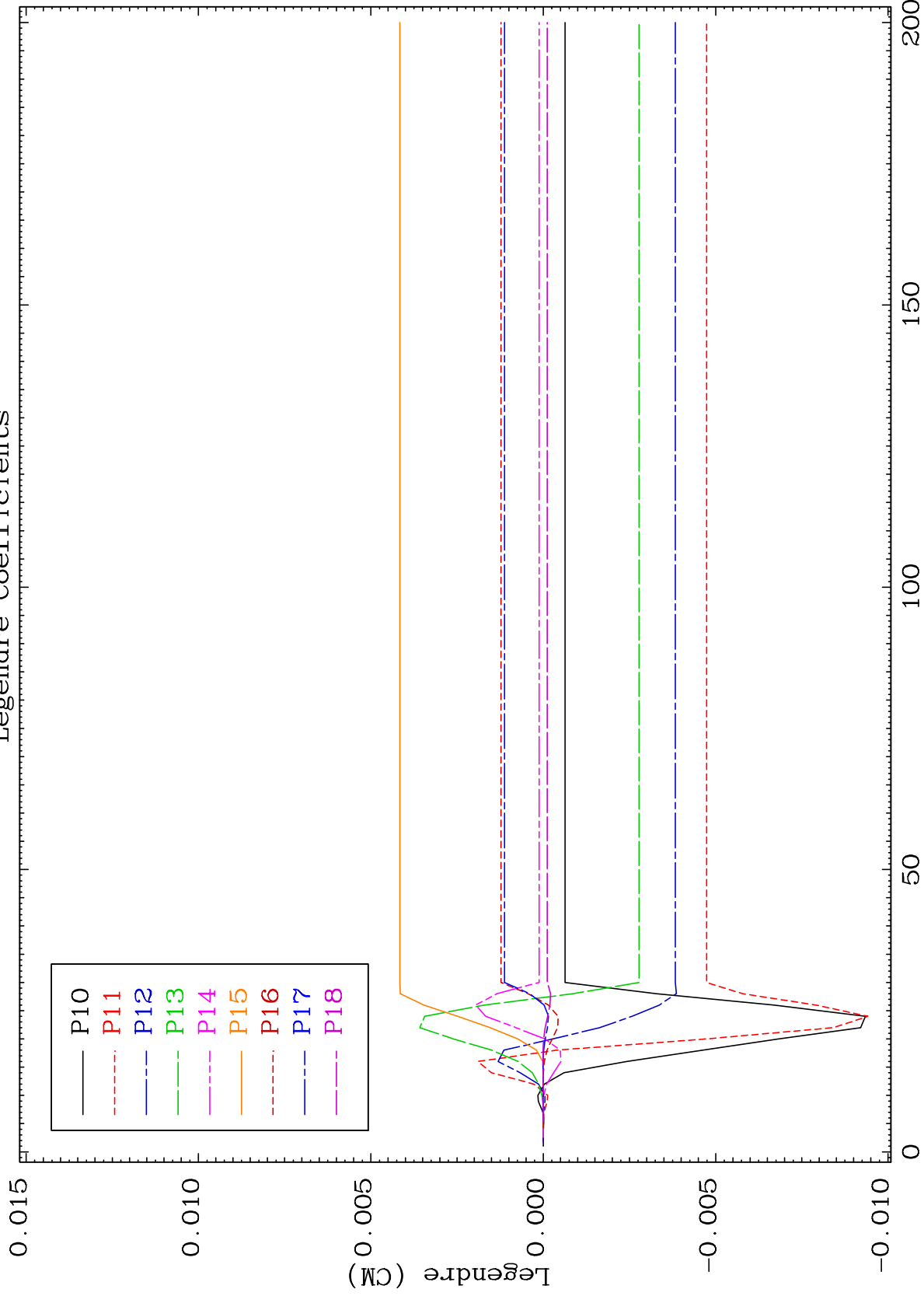
Incident Energy (MeV)

61-Pm-130

MAT 6098

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

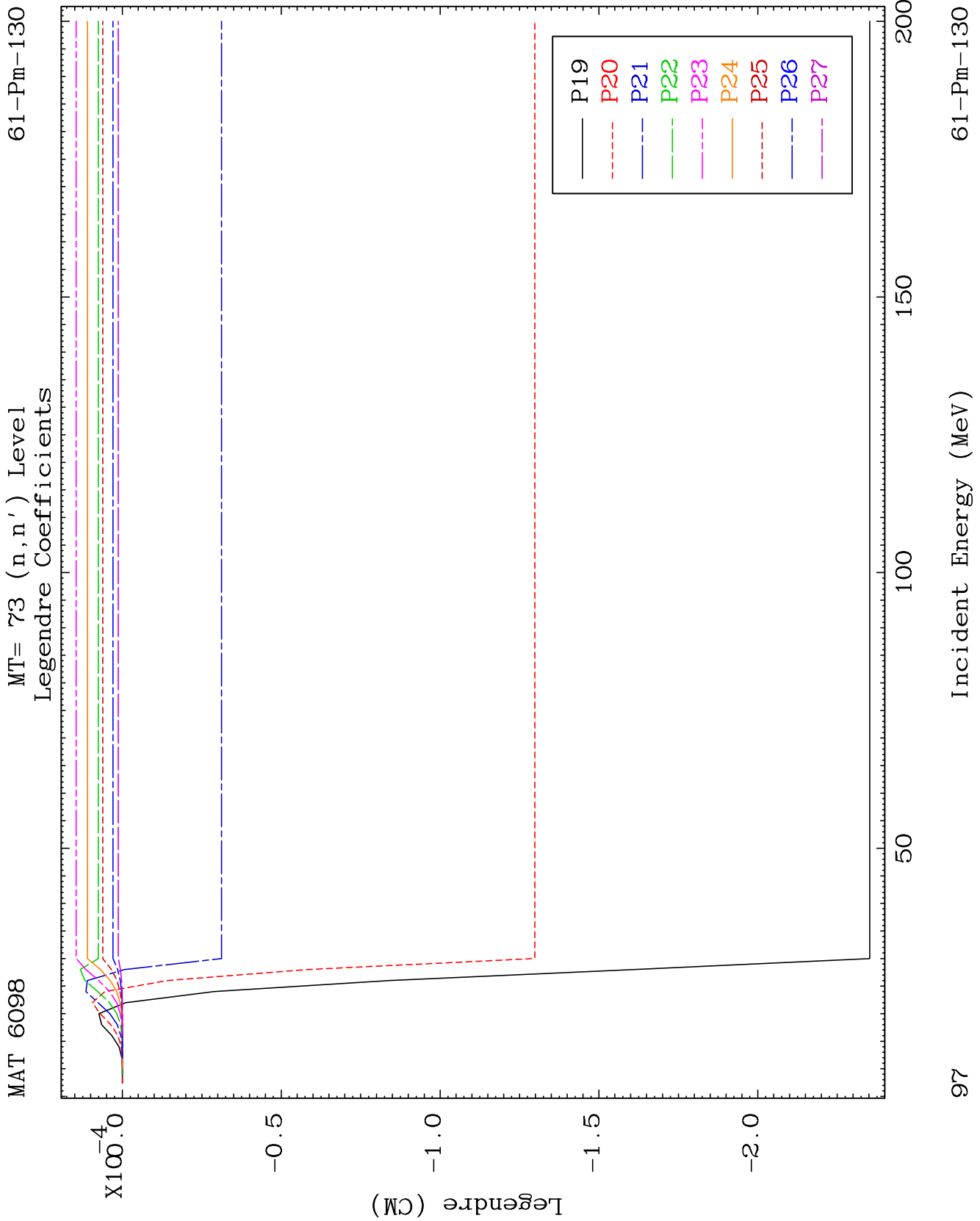
61-Pm-130



96

Incident Energy (MeV)

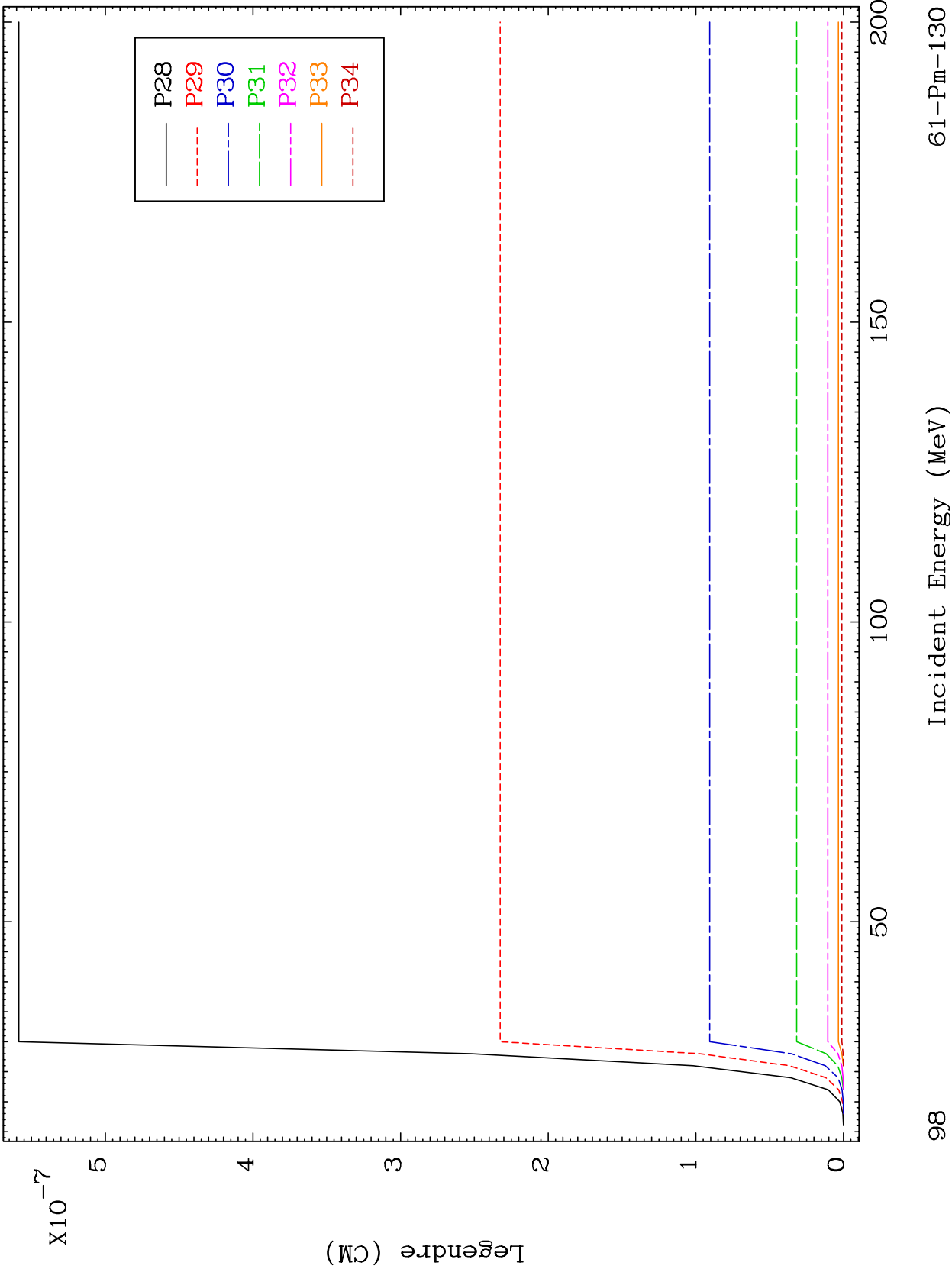
61-Pm-130



MAT 6098

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

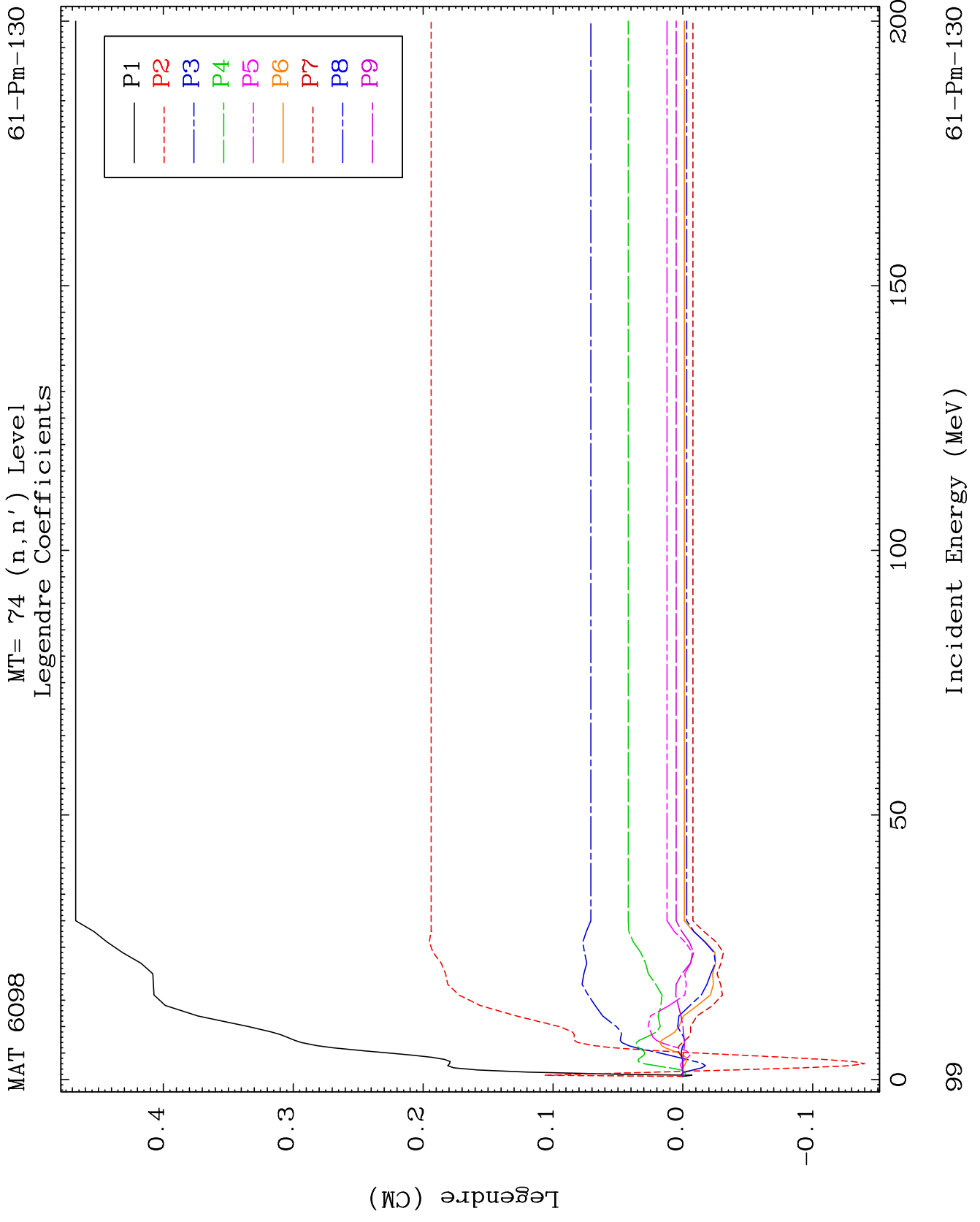
61-Pm-130



98

Incident Energy (MeV)

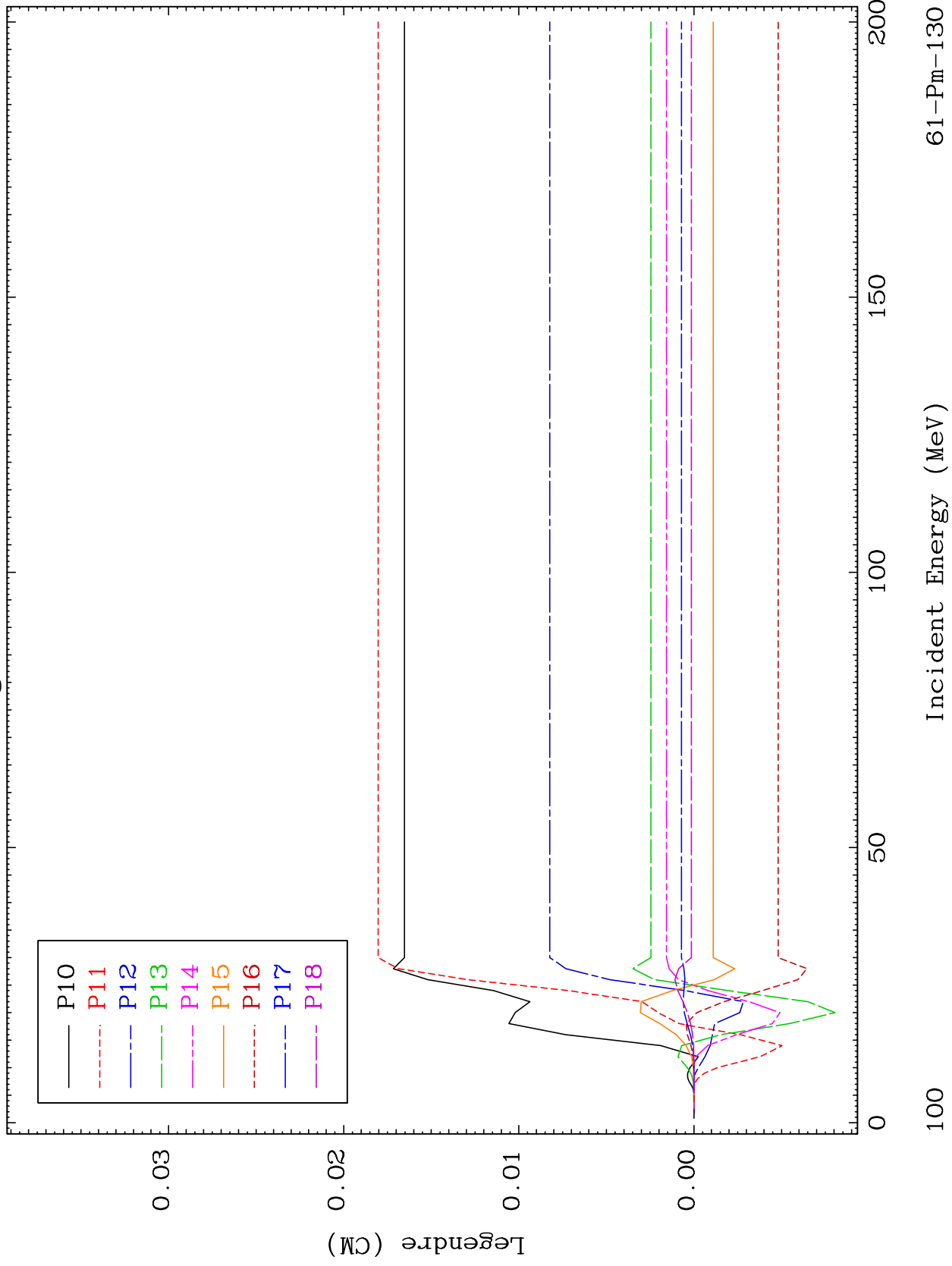
61-Pm-130



MAT 6098

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

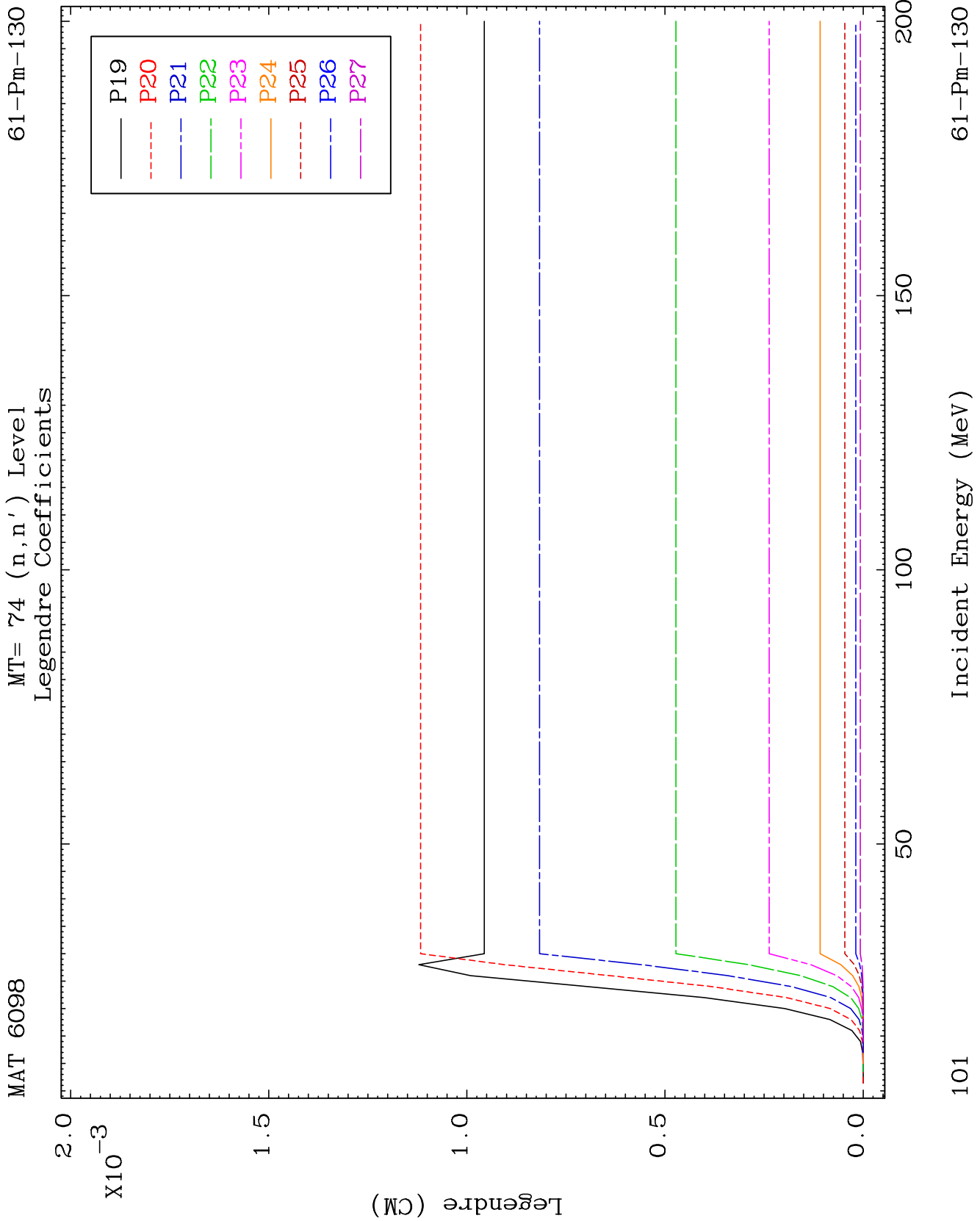
61-Pm-130



61-Pm-130

Incident Energy (MeV)

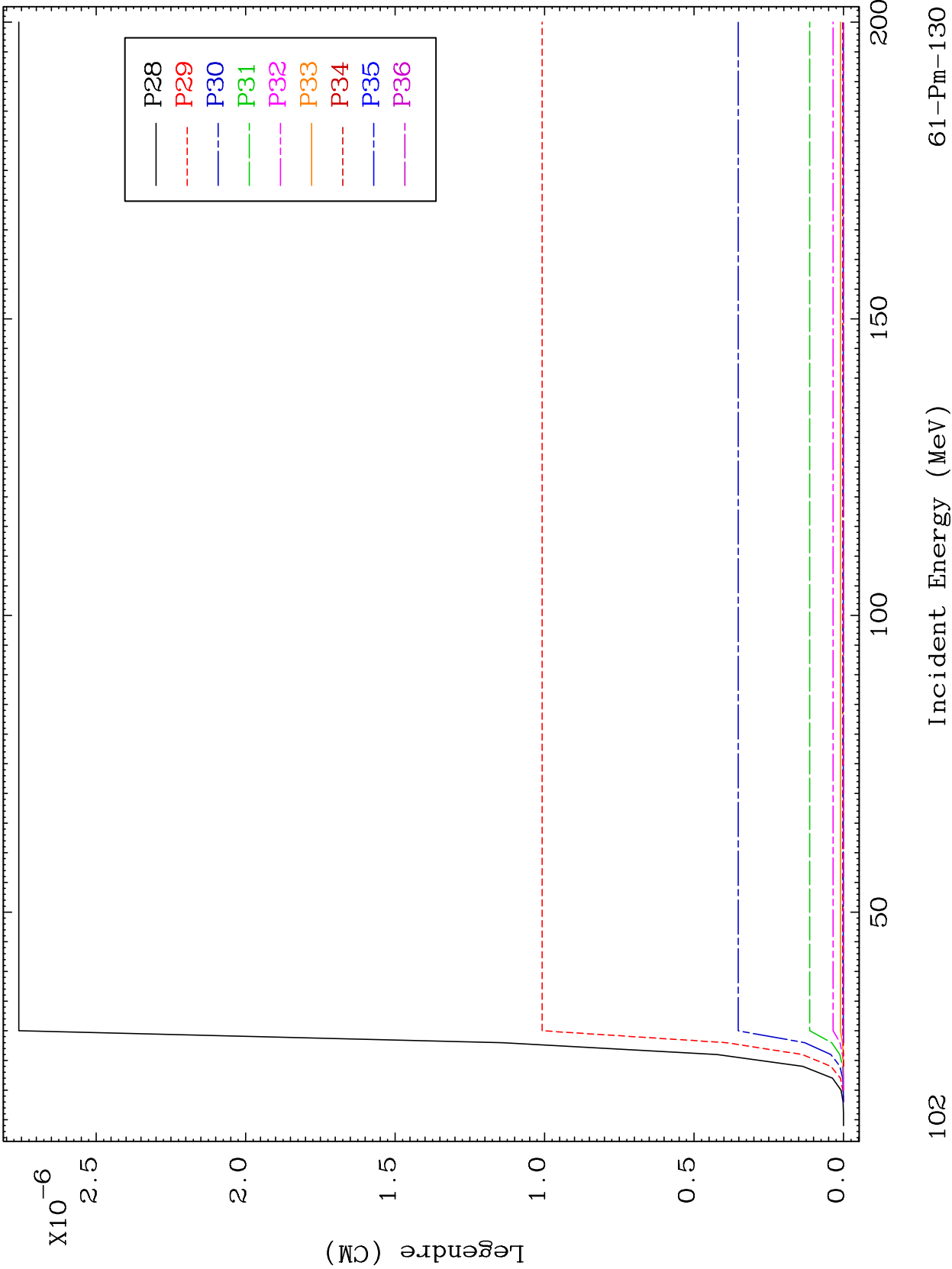
100



MAT 6098

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

61-Pm-130



102

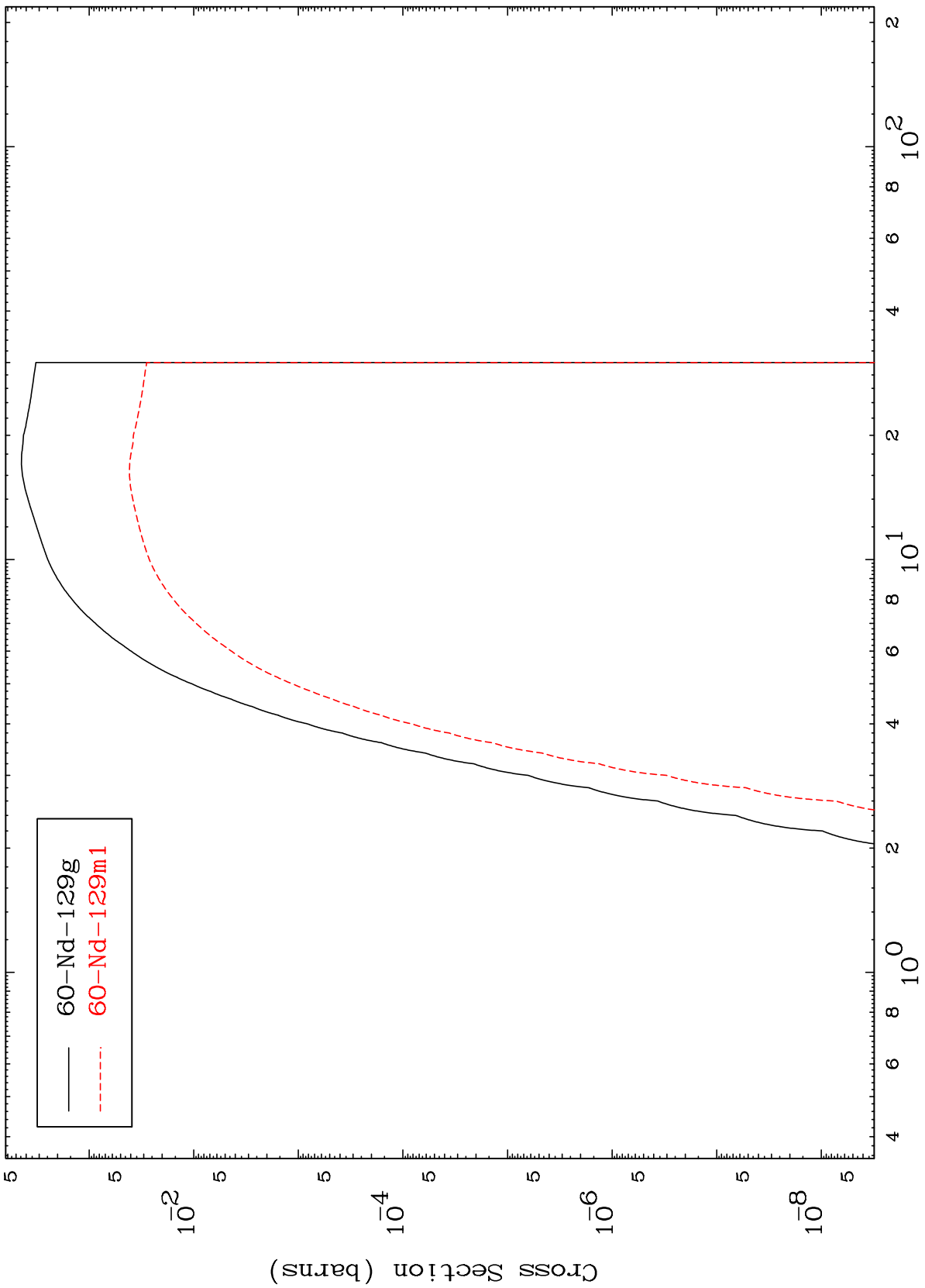
61-Pm-130

MAT 6098

(n,n') p

61-Pm-130

Radionuclide Production Cross Section



103

Incident Energy (MeV)

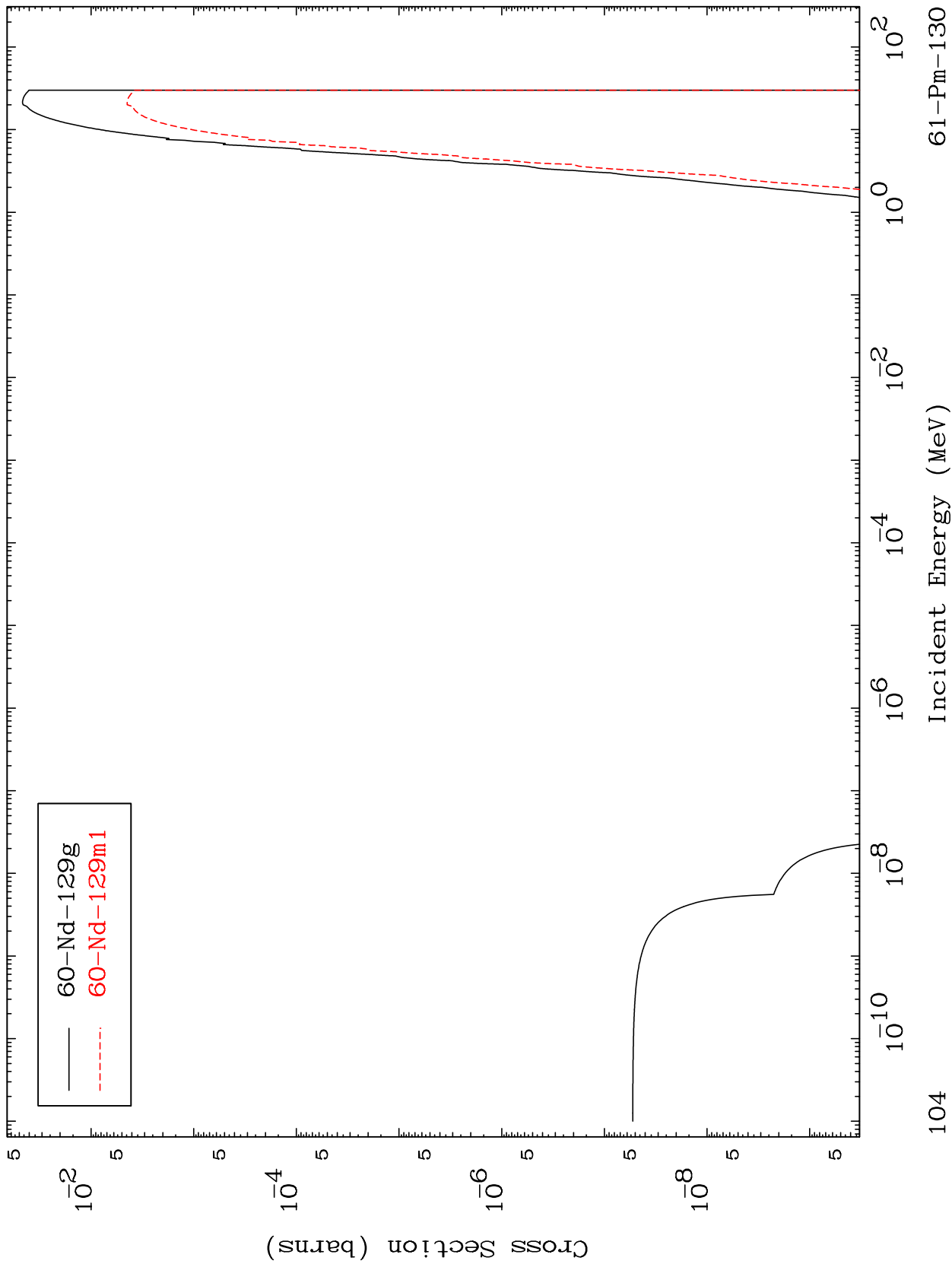
61-Pm-130

MAT 6098

(n,d)

61-Pm-130

Radionuclide Production Cross Section



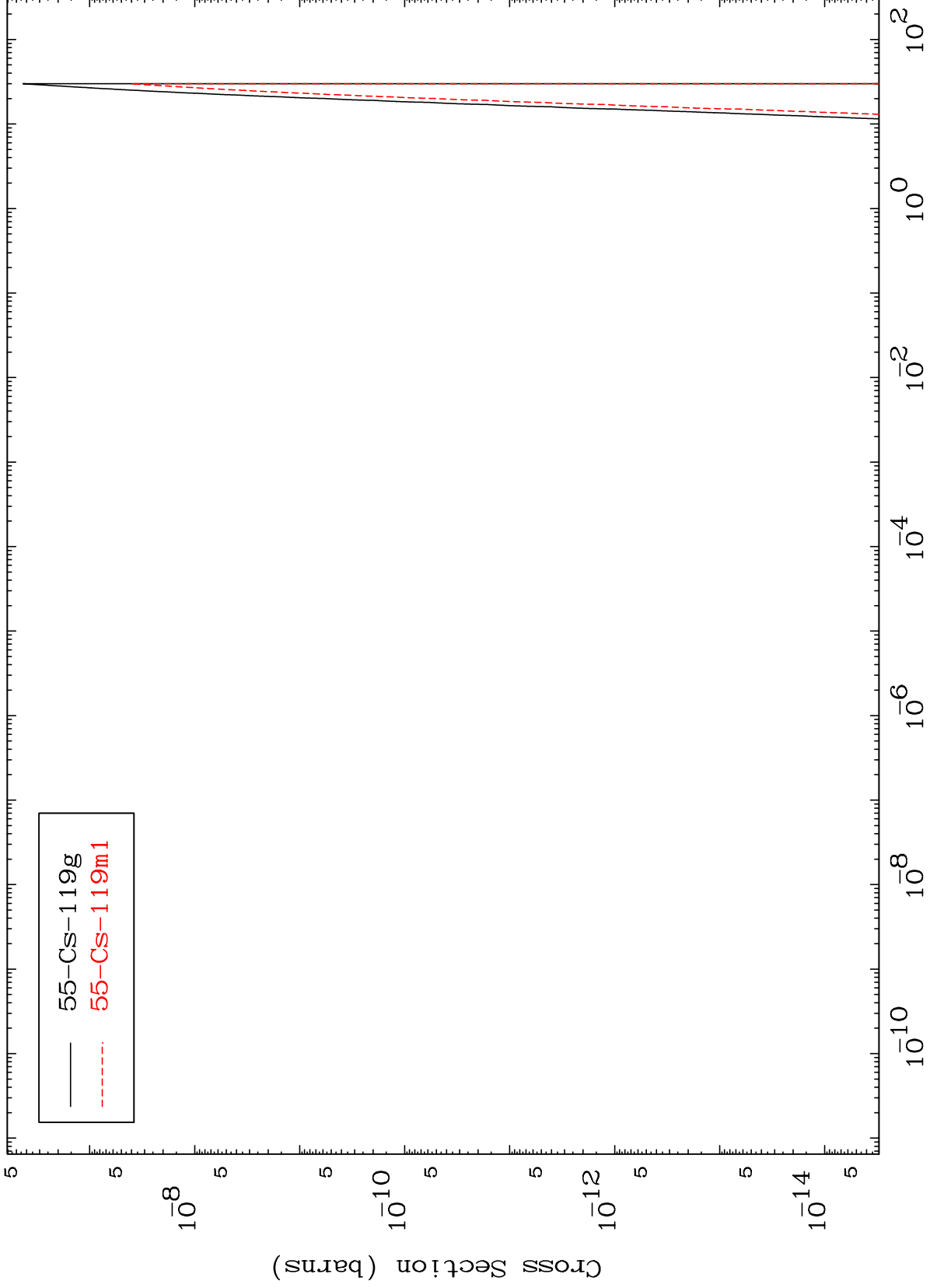
104

MAT 6098

(n,3α)

61-Pm-130

Radionuclide Production Cross Section



105

Incident Energy (MeV)

61-Pm-130