

Program EVALPLOT  
(Version 2015-2)

by

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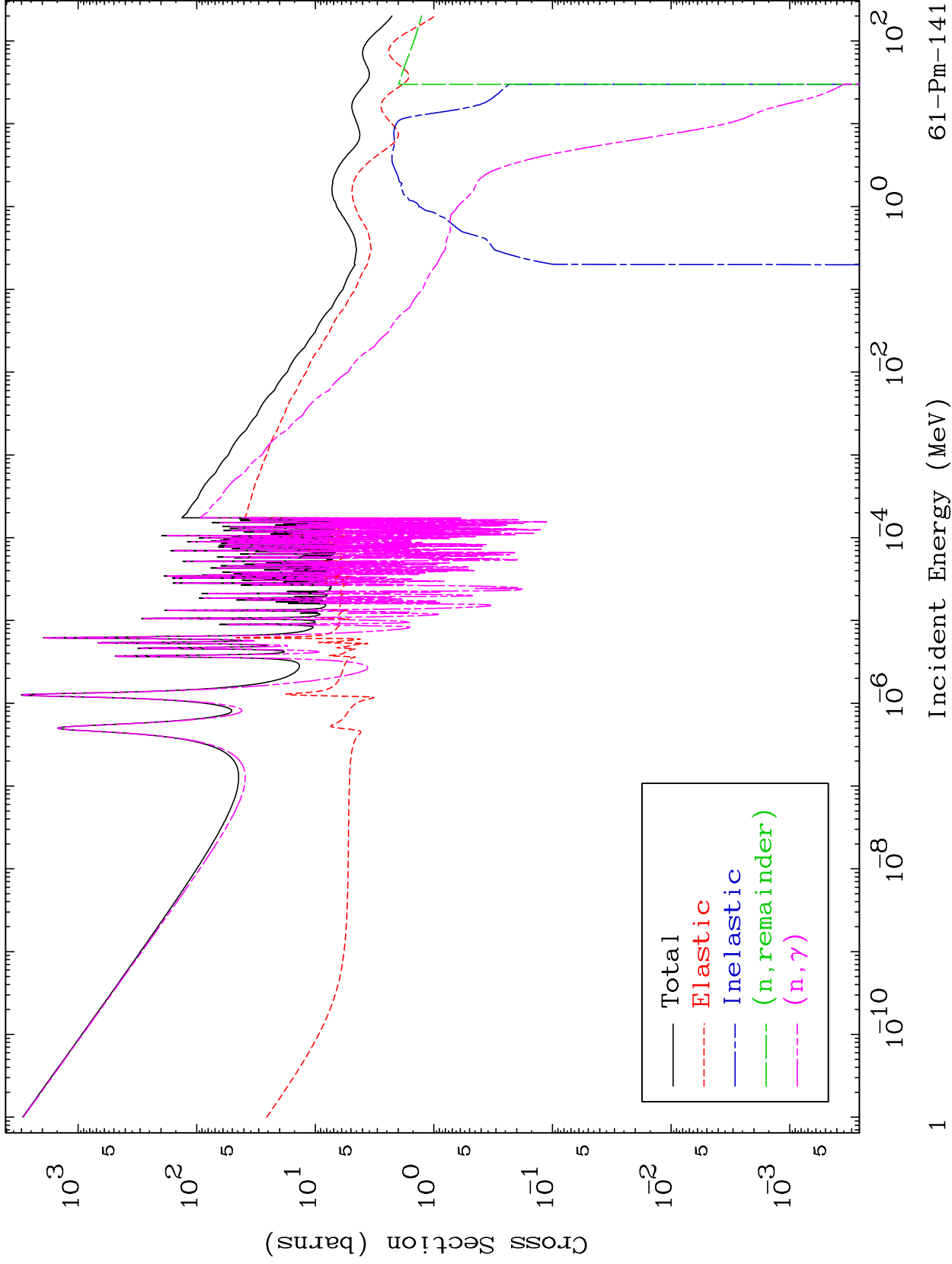
Press Mouse Button to Start

MAT 6131

Major

293 Kelvin Cross Sections

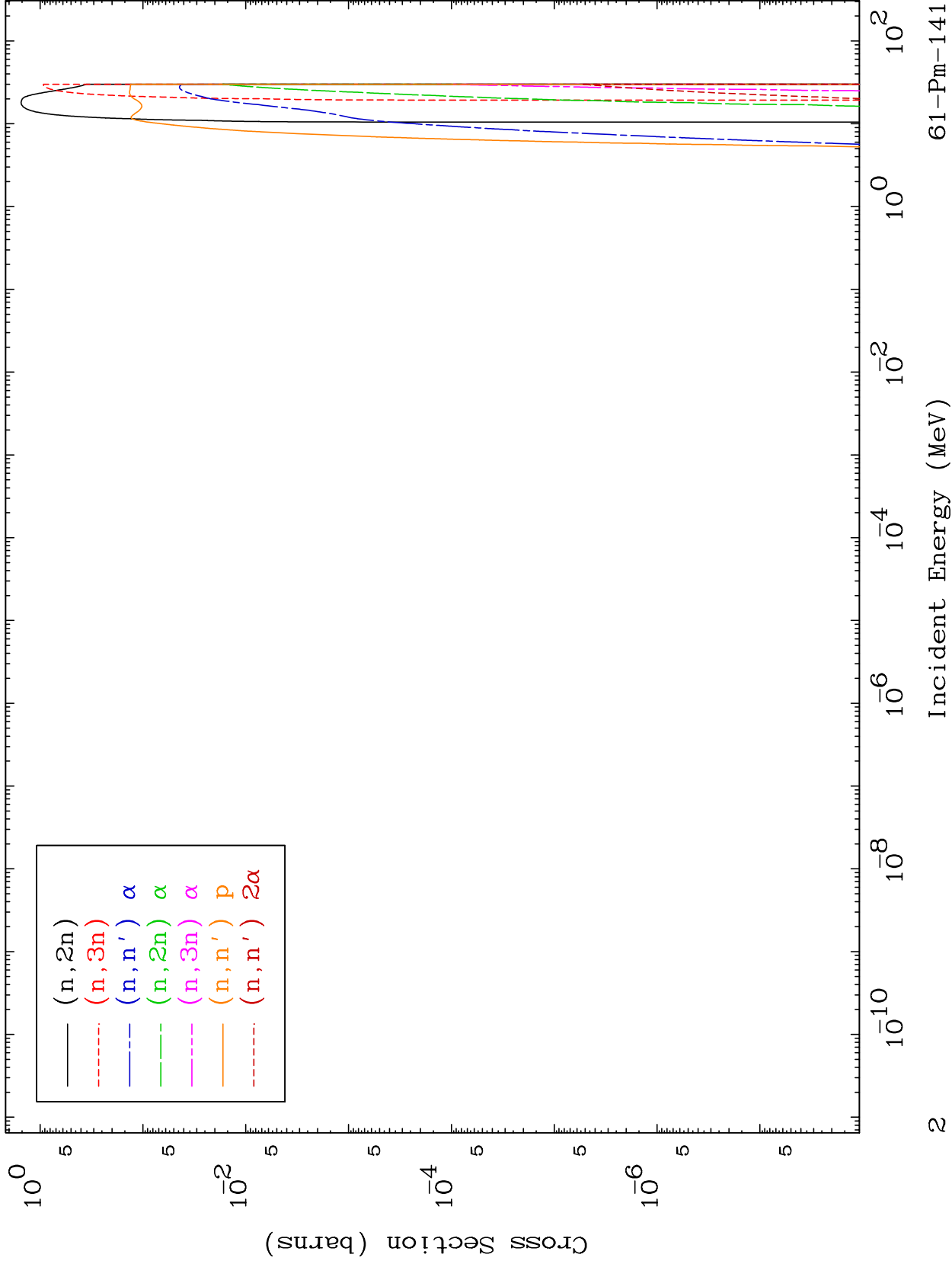
61-Pm-141

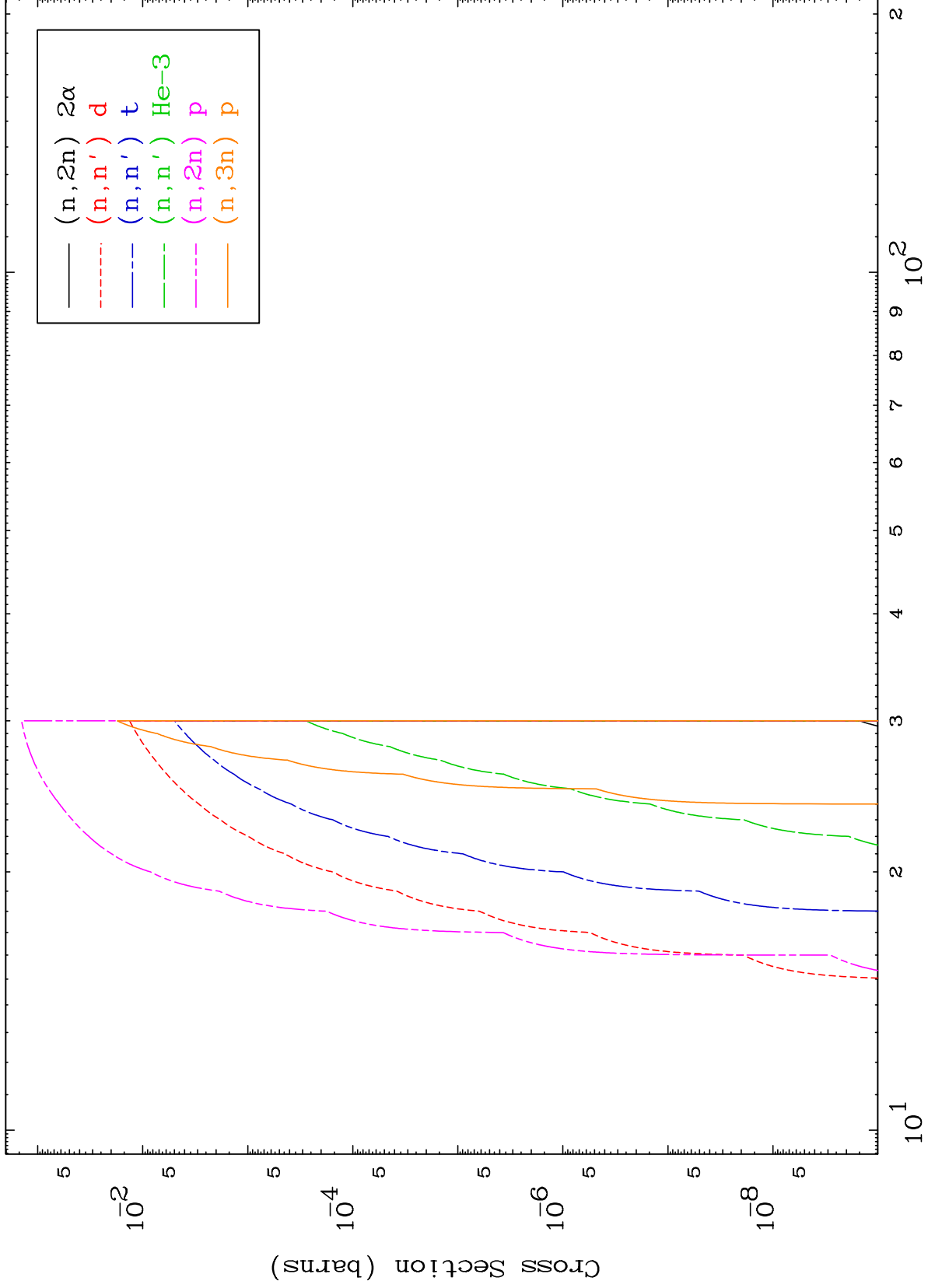


MAT 6131

Neutron Production  
293 Kelvin Cross Sections

61-Pm-141

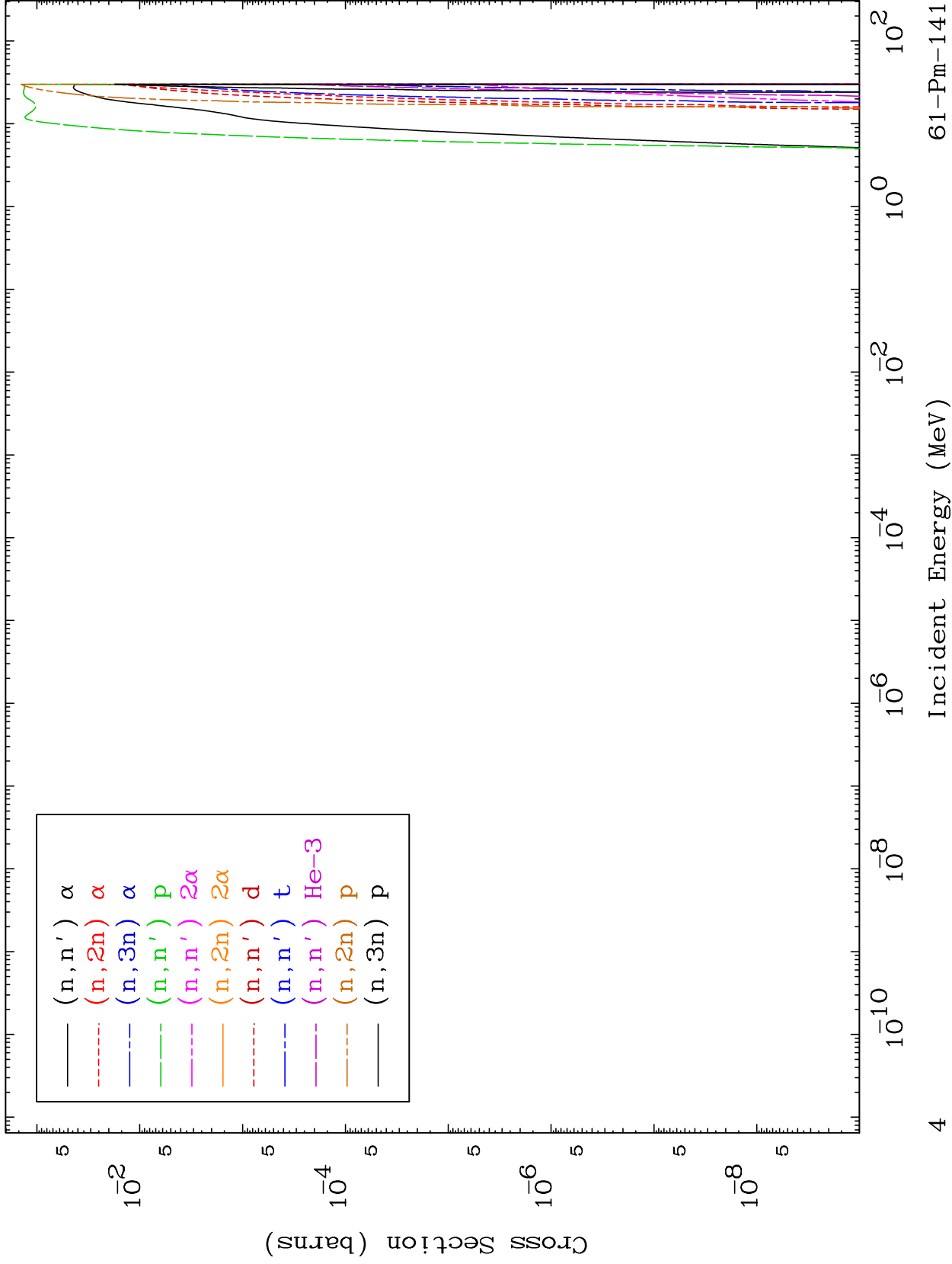




MAT 6131

Charged Particle  
293 Kelvin Cross Sections

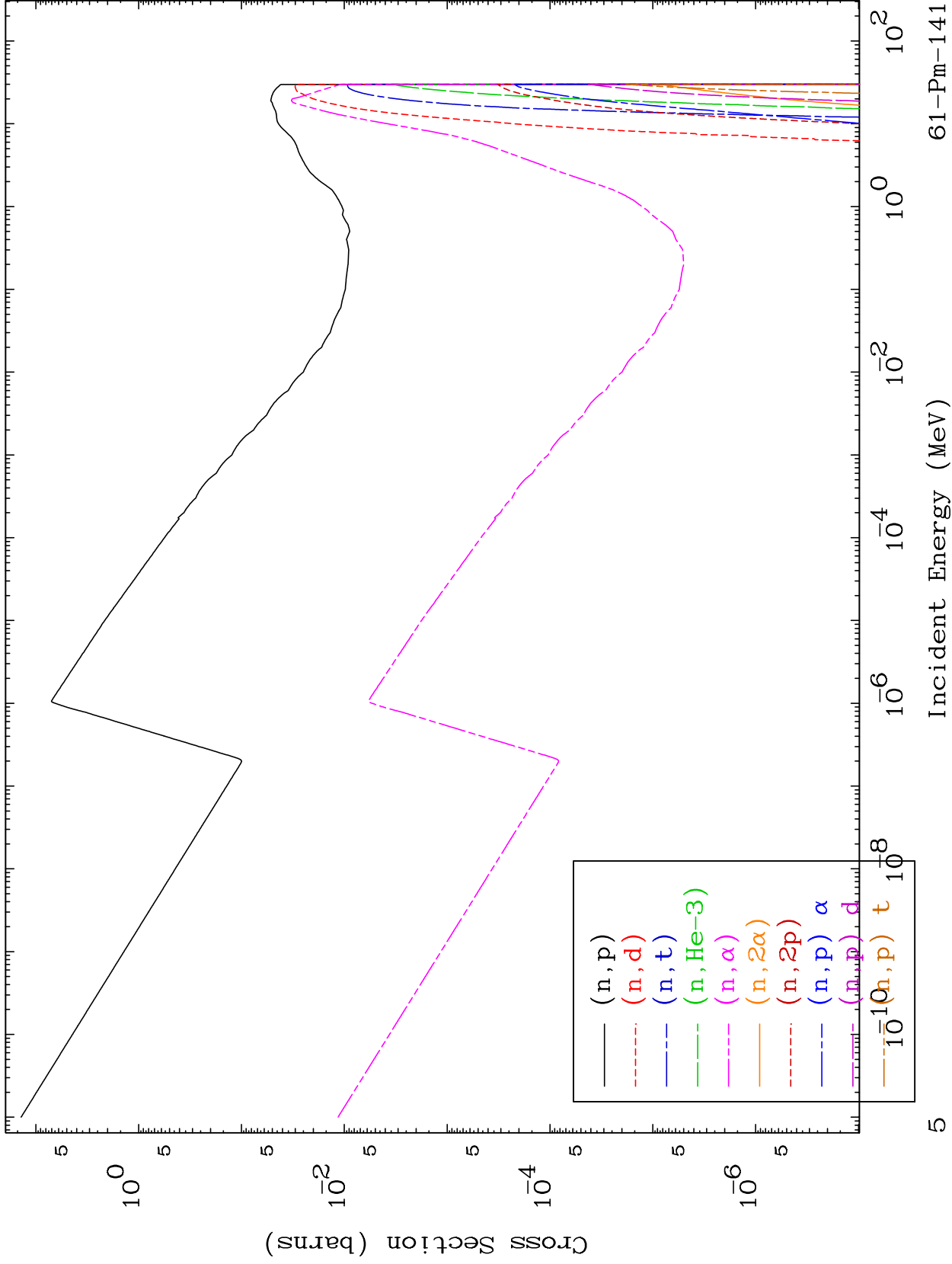
61-Pm-141



MAT 6131

Charged Particle  
293 Kelvin Cross Sections

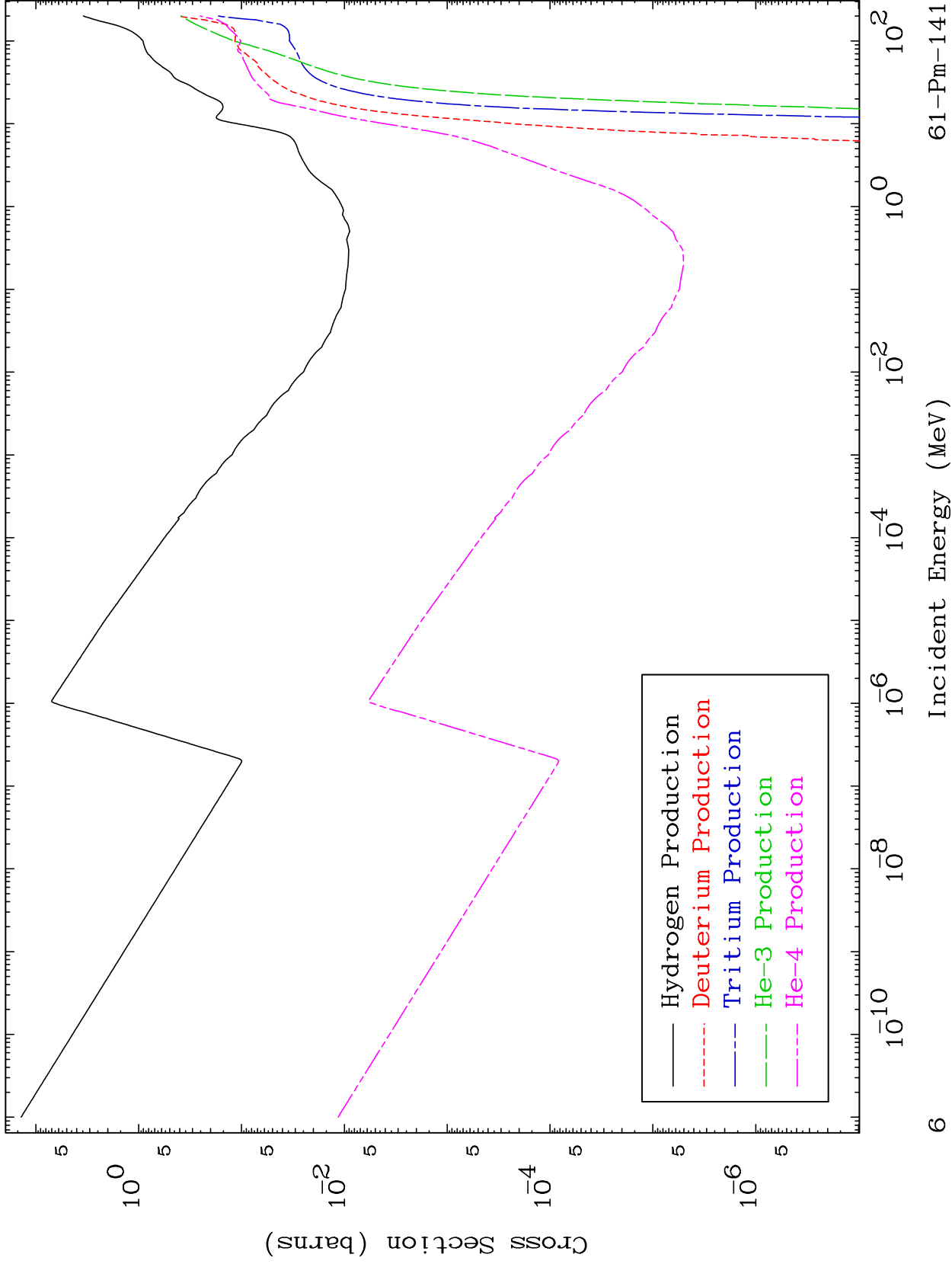
61-Pm-141



MAT 6131

Particle Production  
293 Kelvin Cross Sections

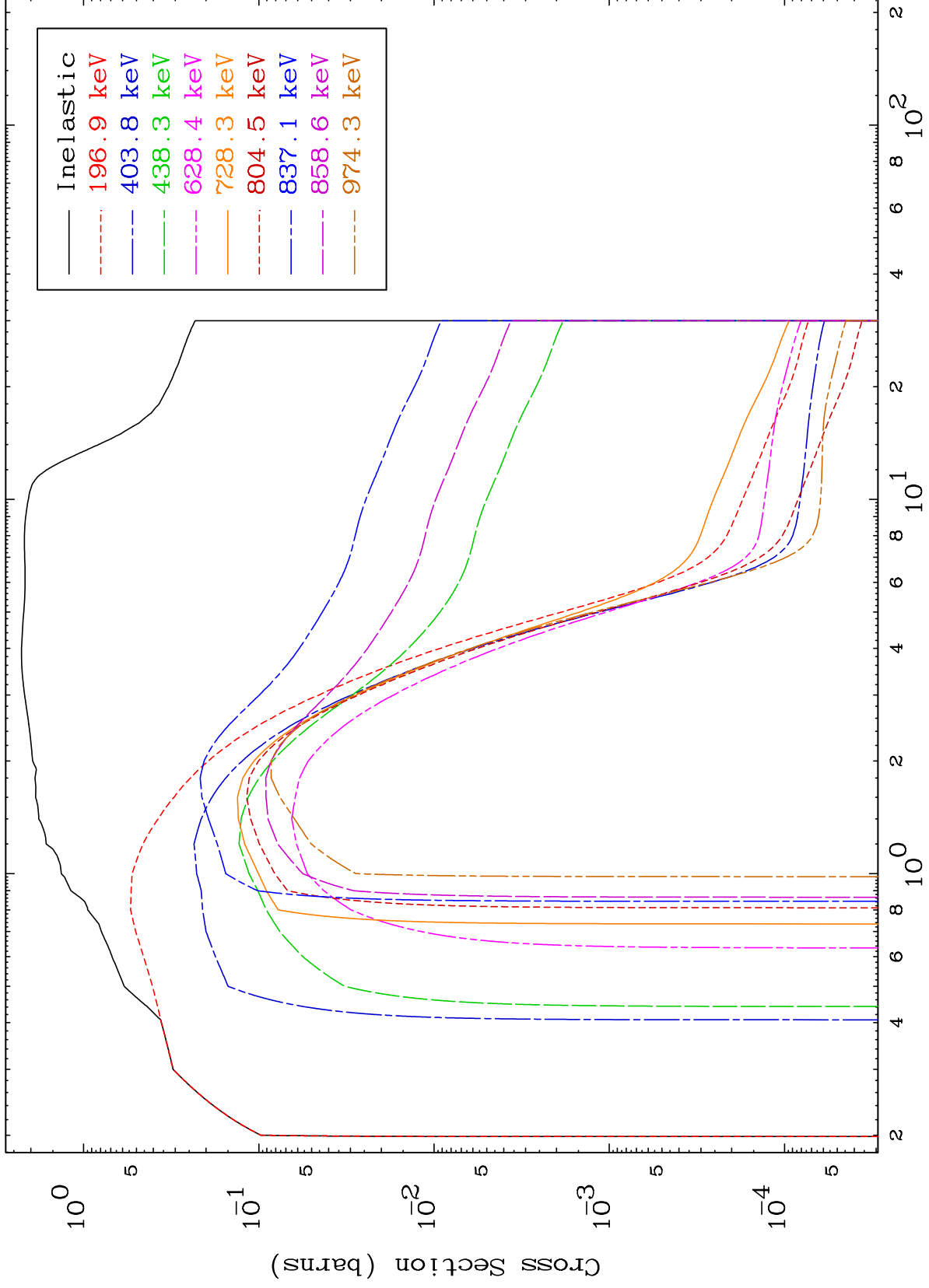
61-Pm-141



MAT 6131

(n,n') Level  
293 Kelvin Cross Sections

61-Pm-141



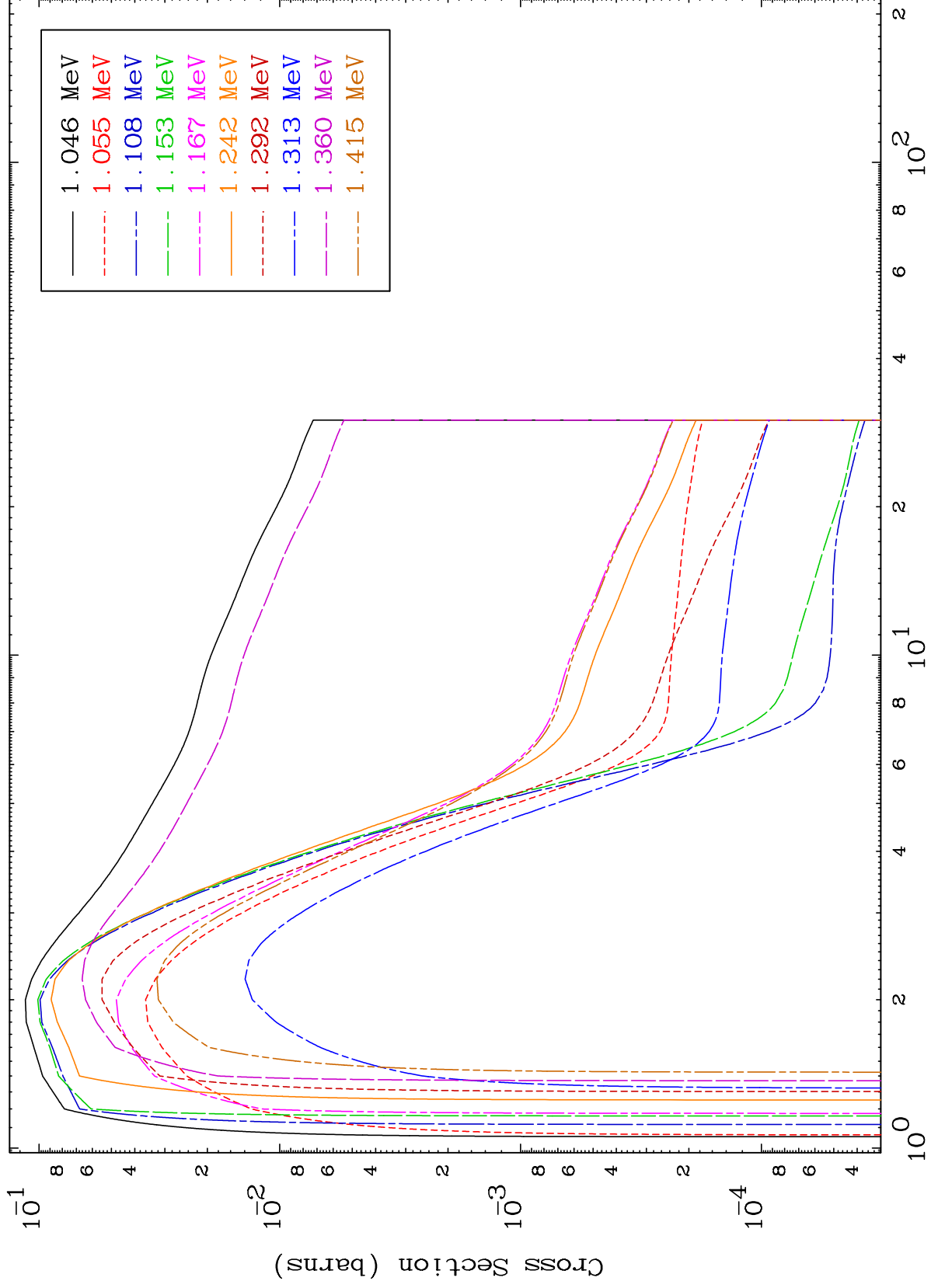


MAT 6131

(n,n') Level

61-Pm-141

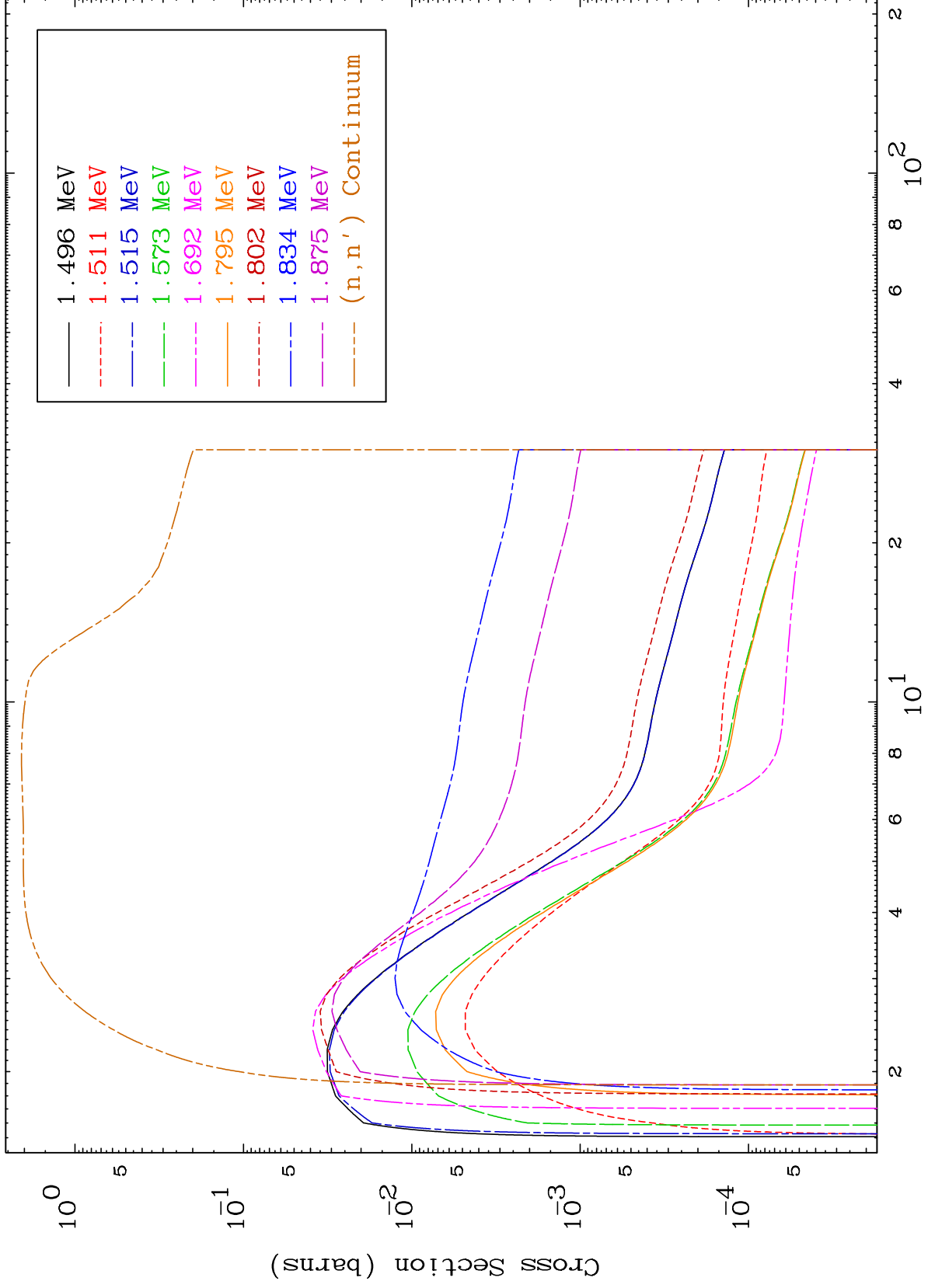
293 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-141

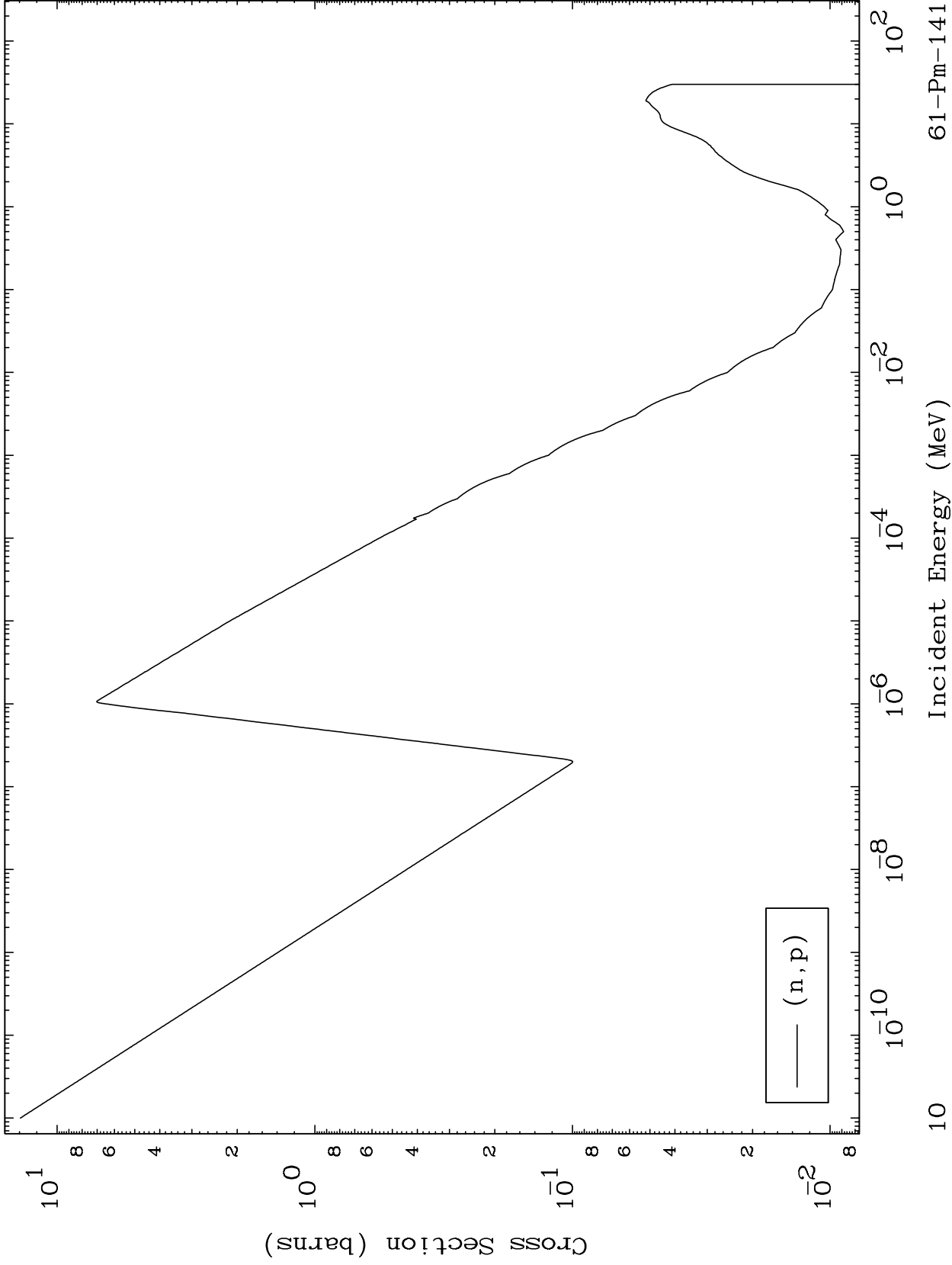
293 Kelvin Cross Sections



MAT 6131

(n,p) Levels  
293 Kelvin Cross Sections

61-Pm-141



10

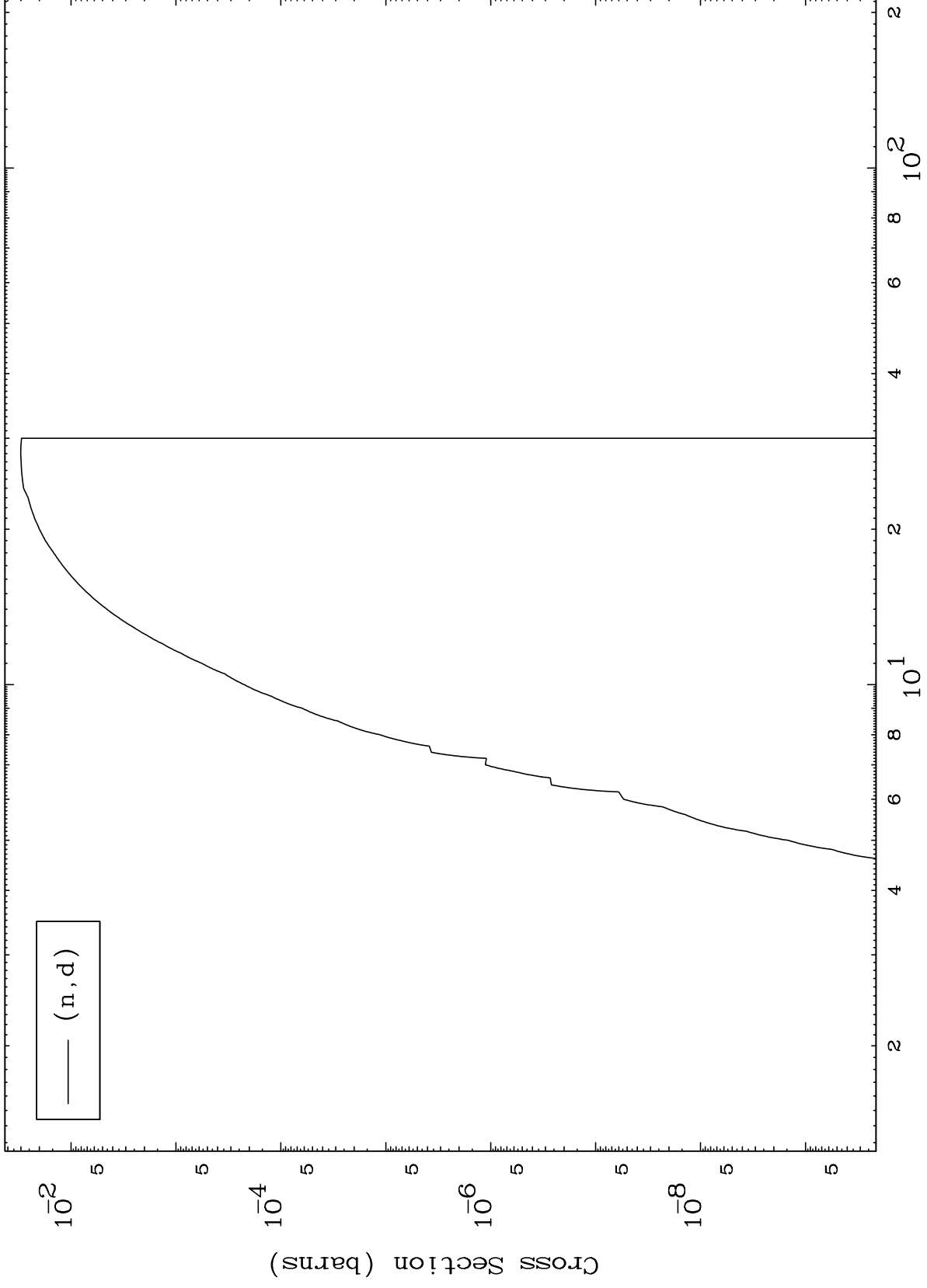
Incident Energy (MeV)

61-Pm-141

MAT 6131

(n,d) Levels  
293 Kelvin Cross Sections

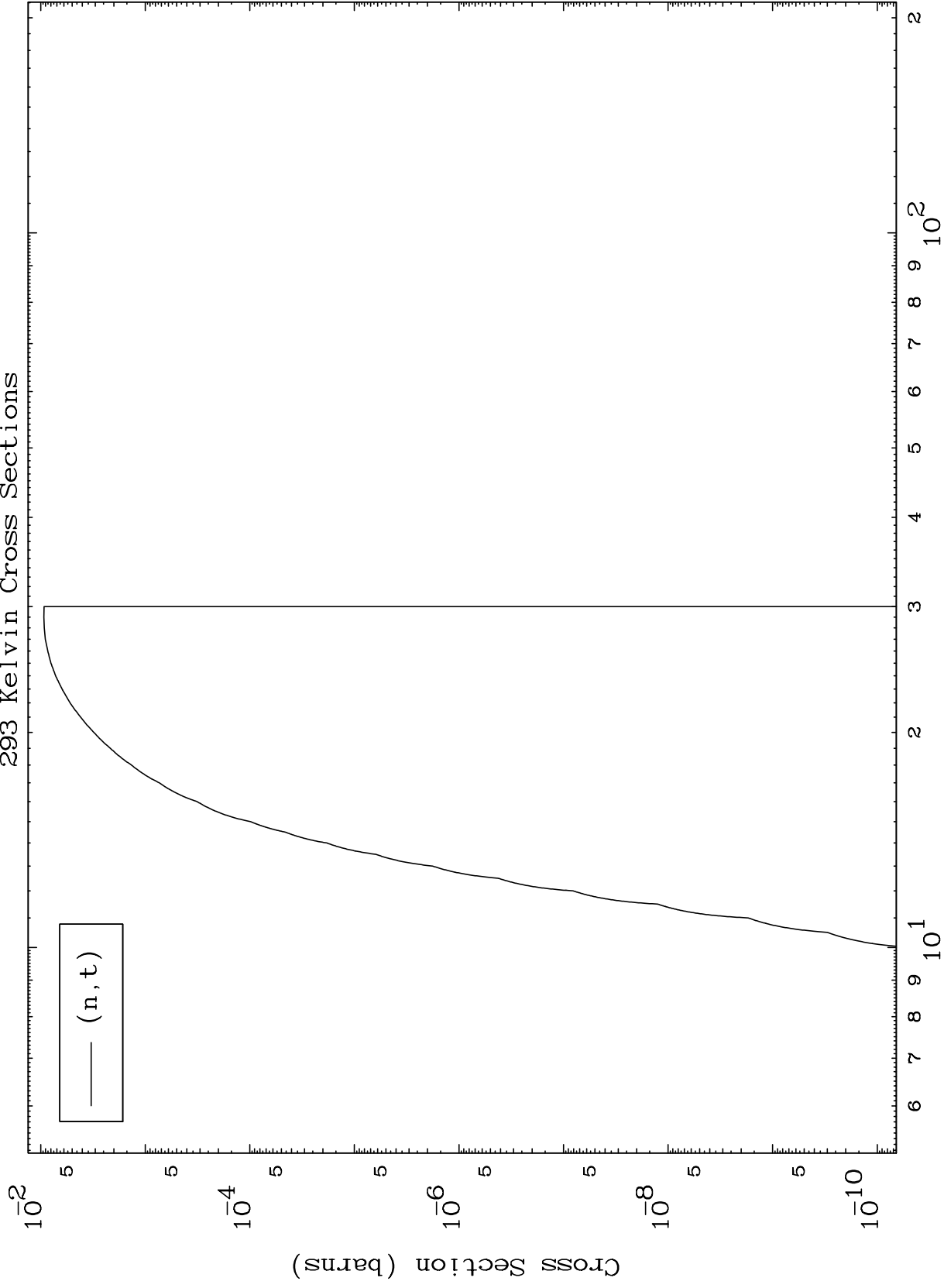
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MAT 6131

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-141



12

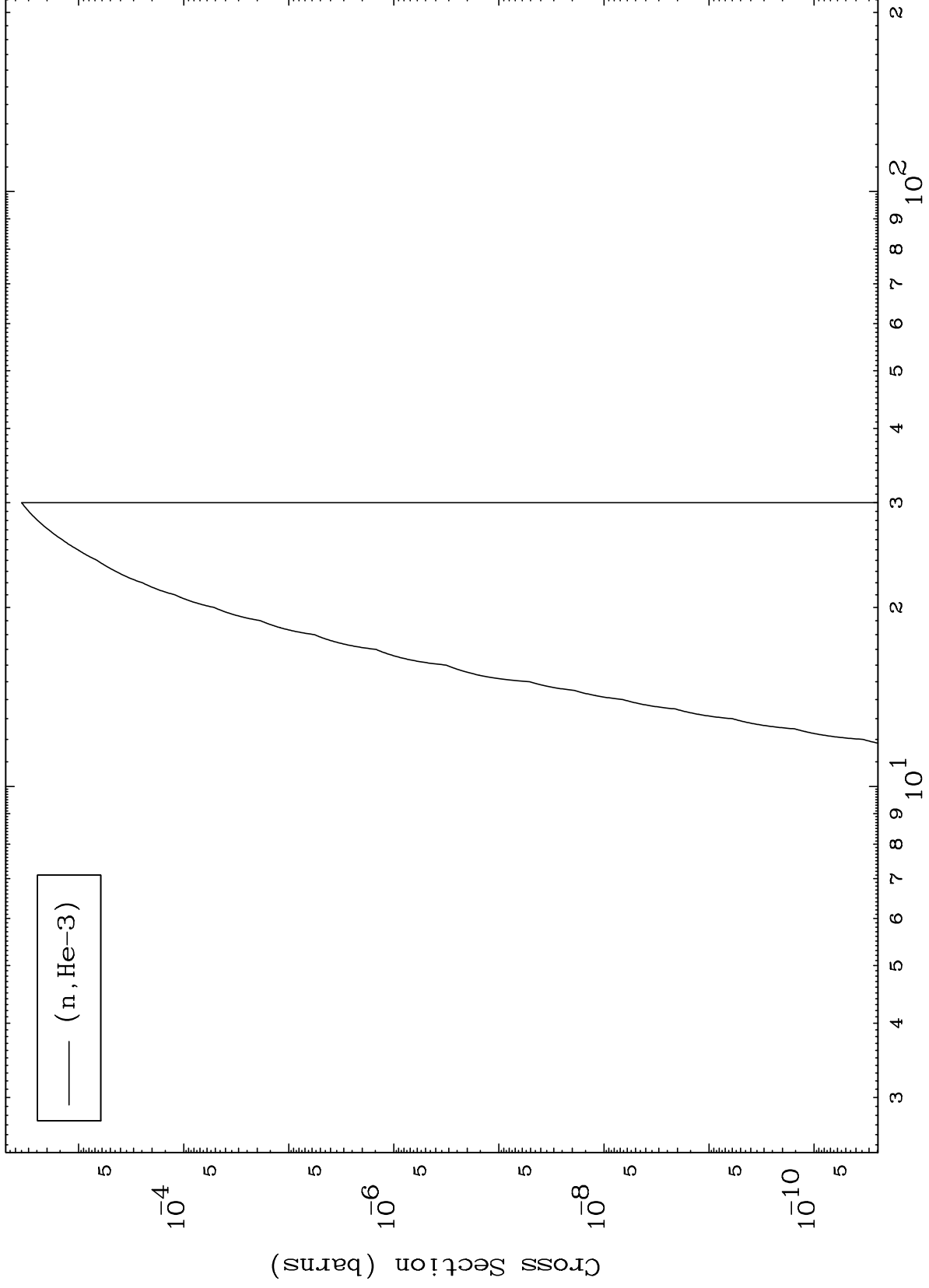
Incident Energy (MeV)

61-Pm-141

MAT 6131

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-141



13

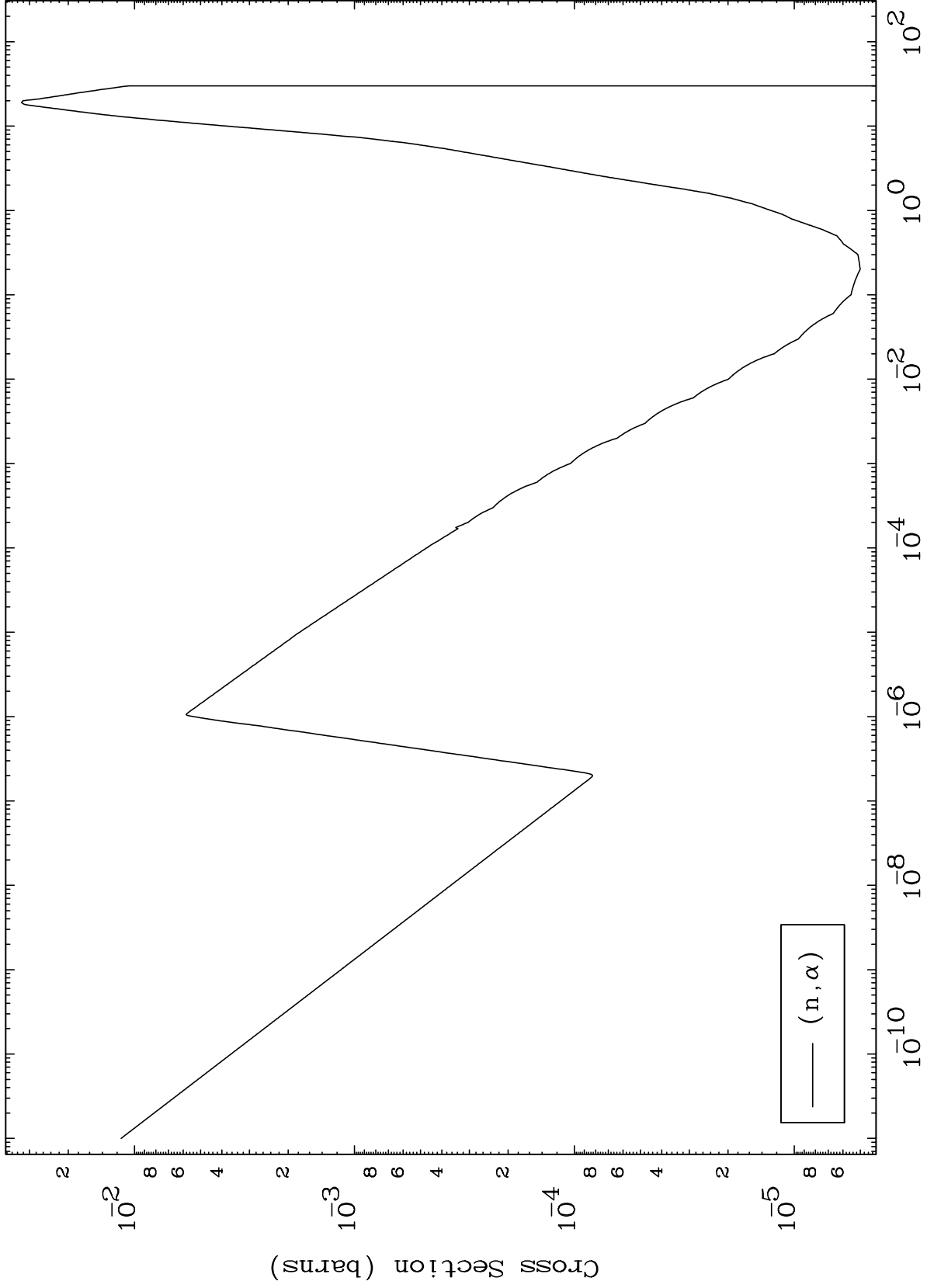
Incident Energy (MeV)

61-Pm-141

MAT 6131

(n,α) Levels  
293 Kelvin Cross Sections

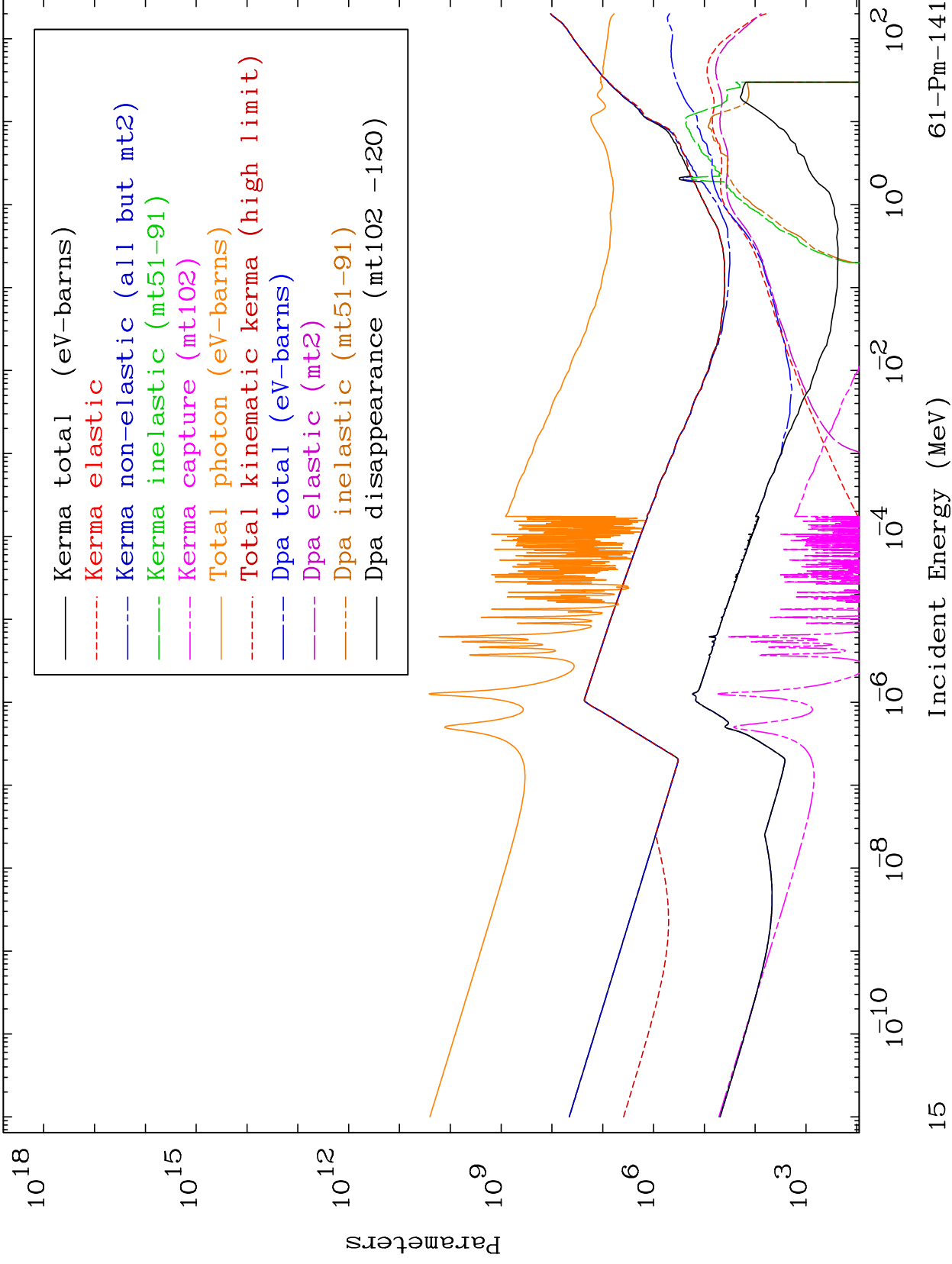
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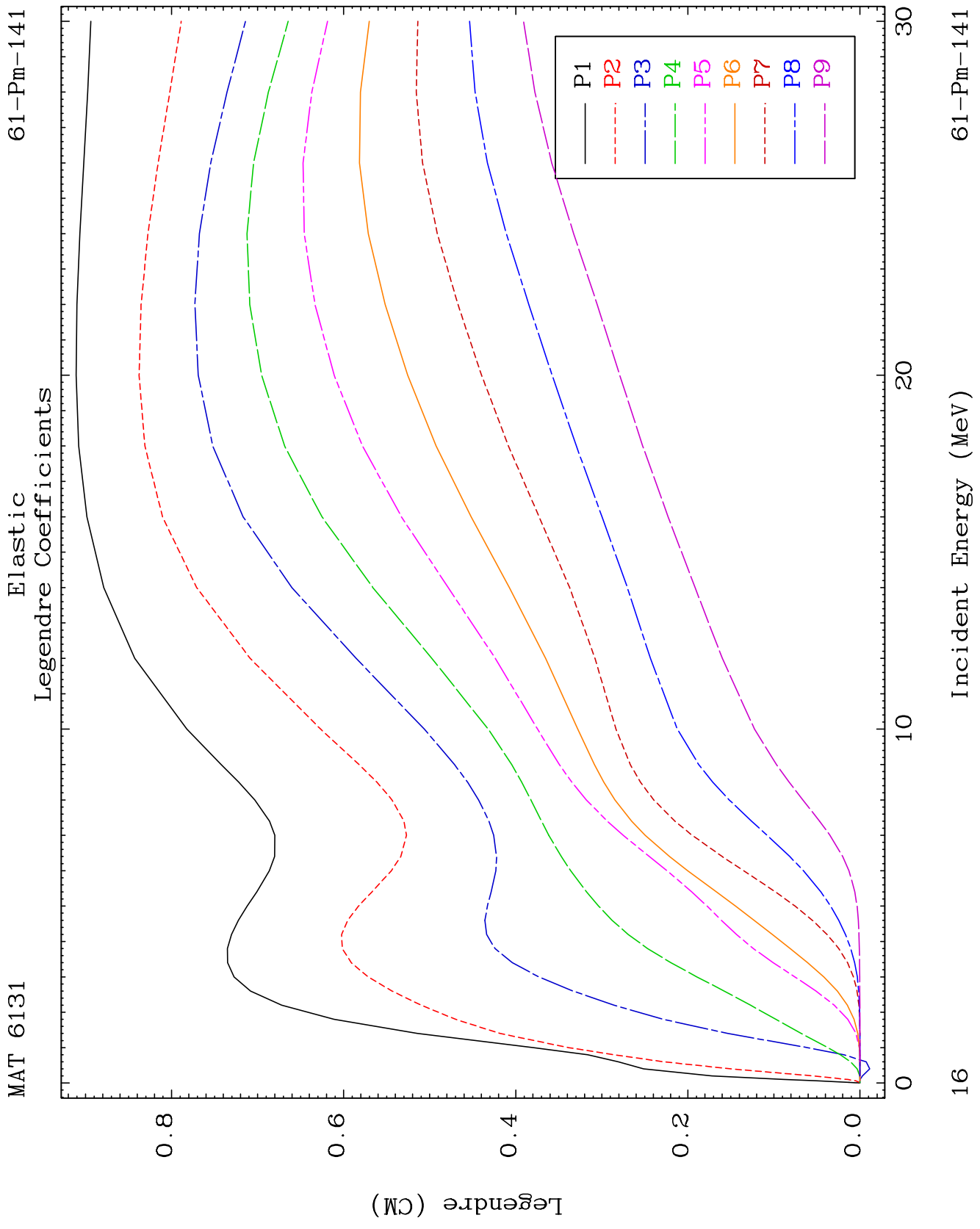
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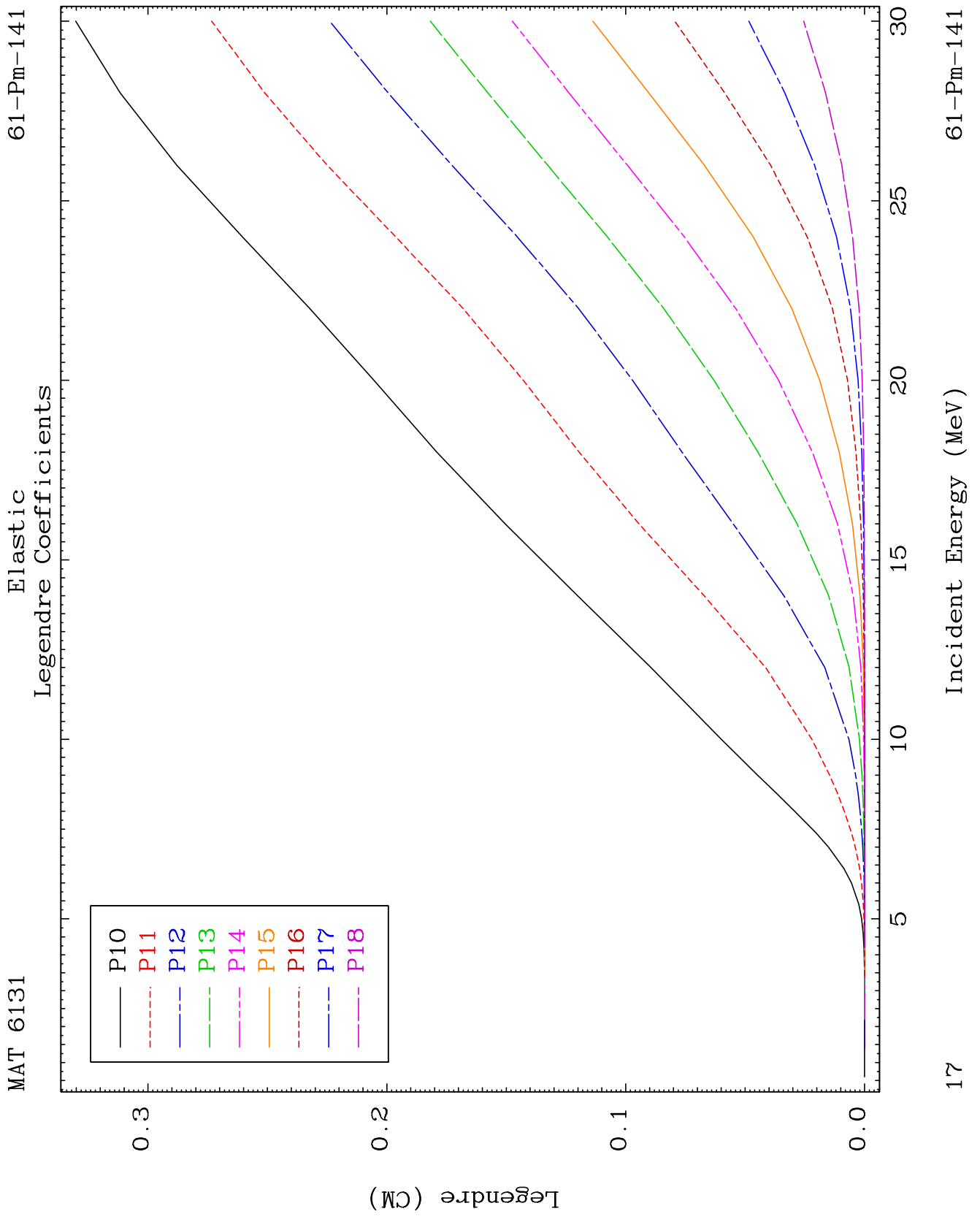
Incident Energy (MeV)

61-Pm-141







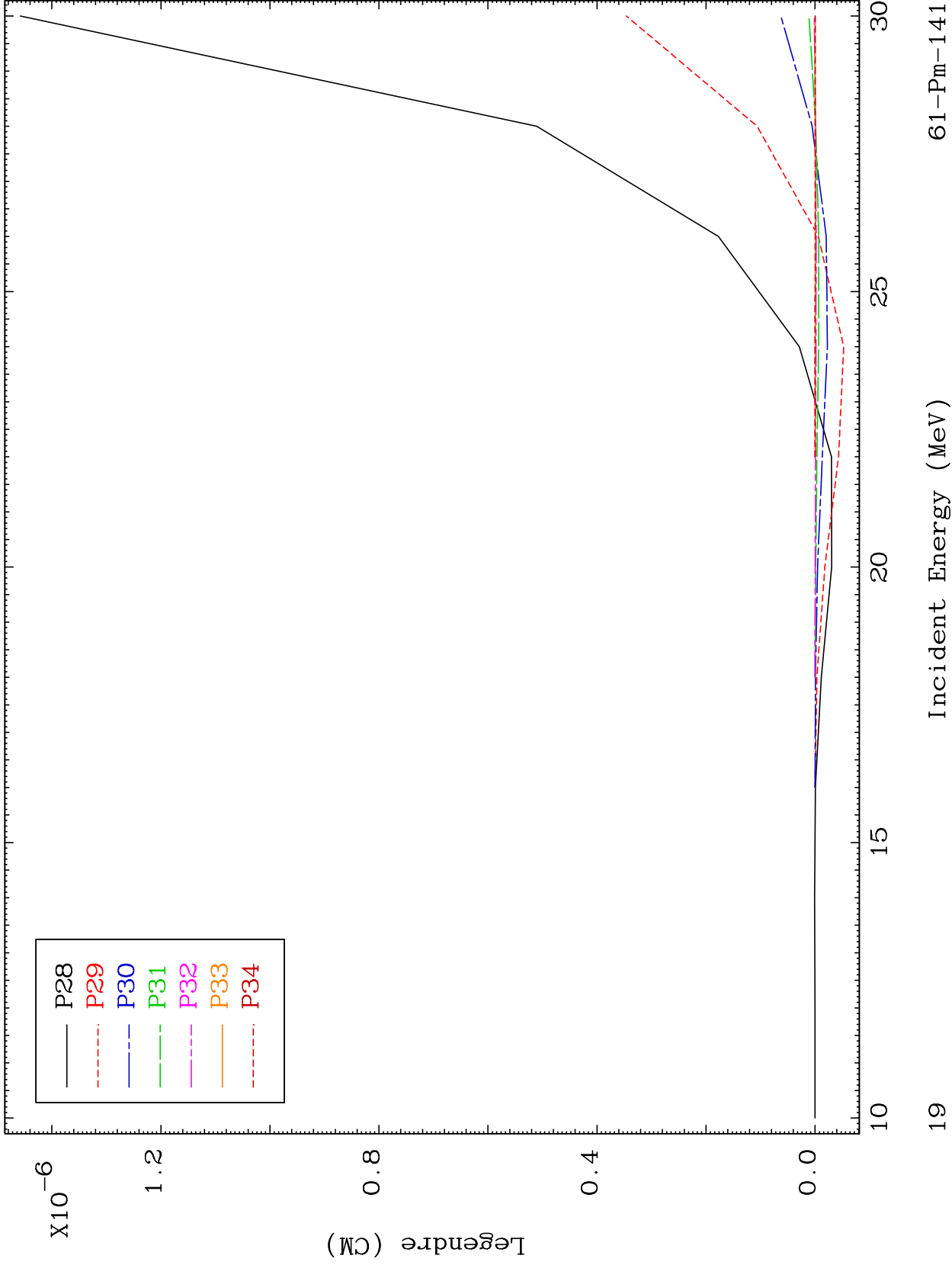




MAT 6131

Elastic  
Legendre Coefficients

61-Pm-141



10

Incident Energy (MeV)

61-Pm-141

15

20

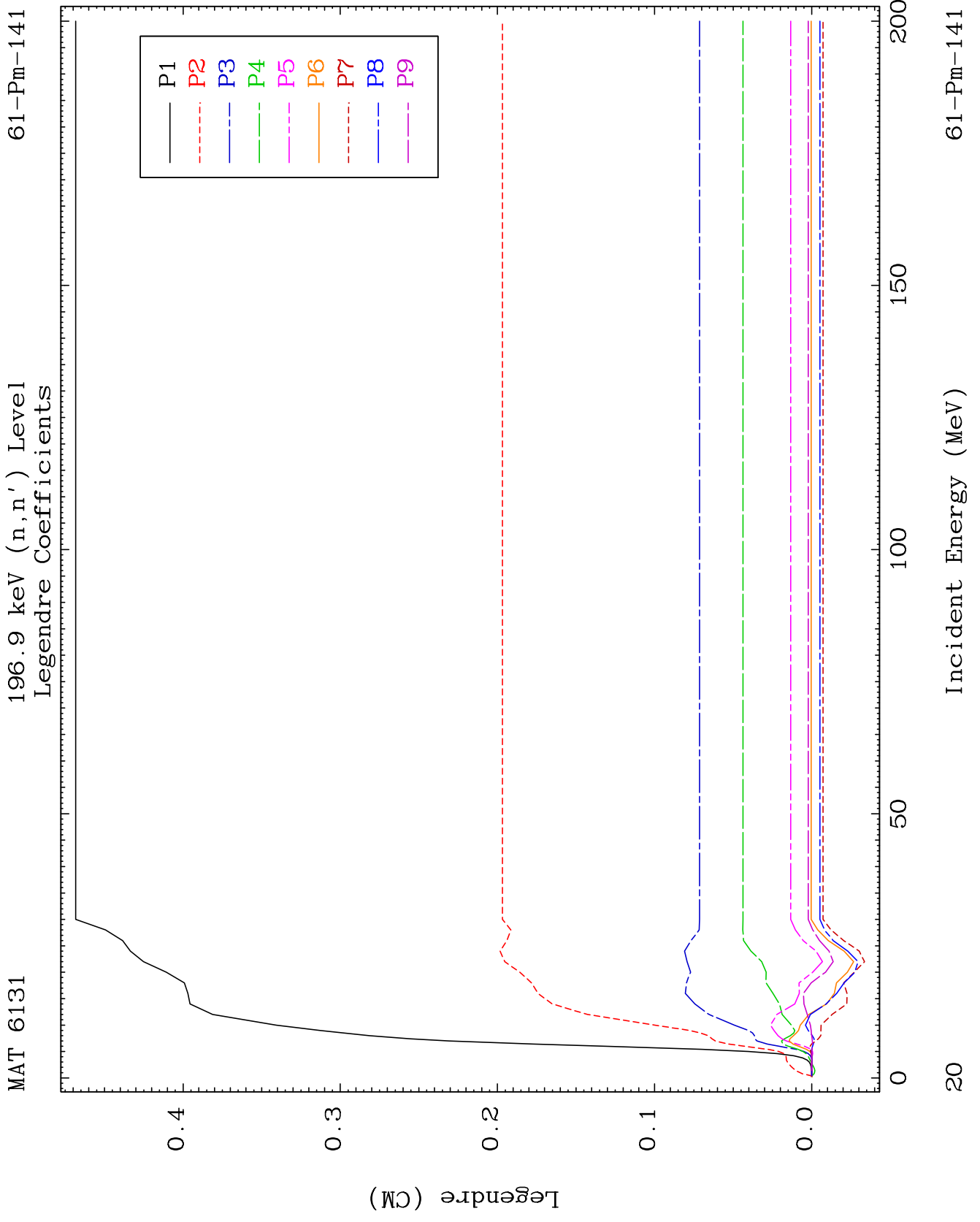
25

30

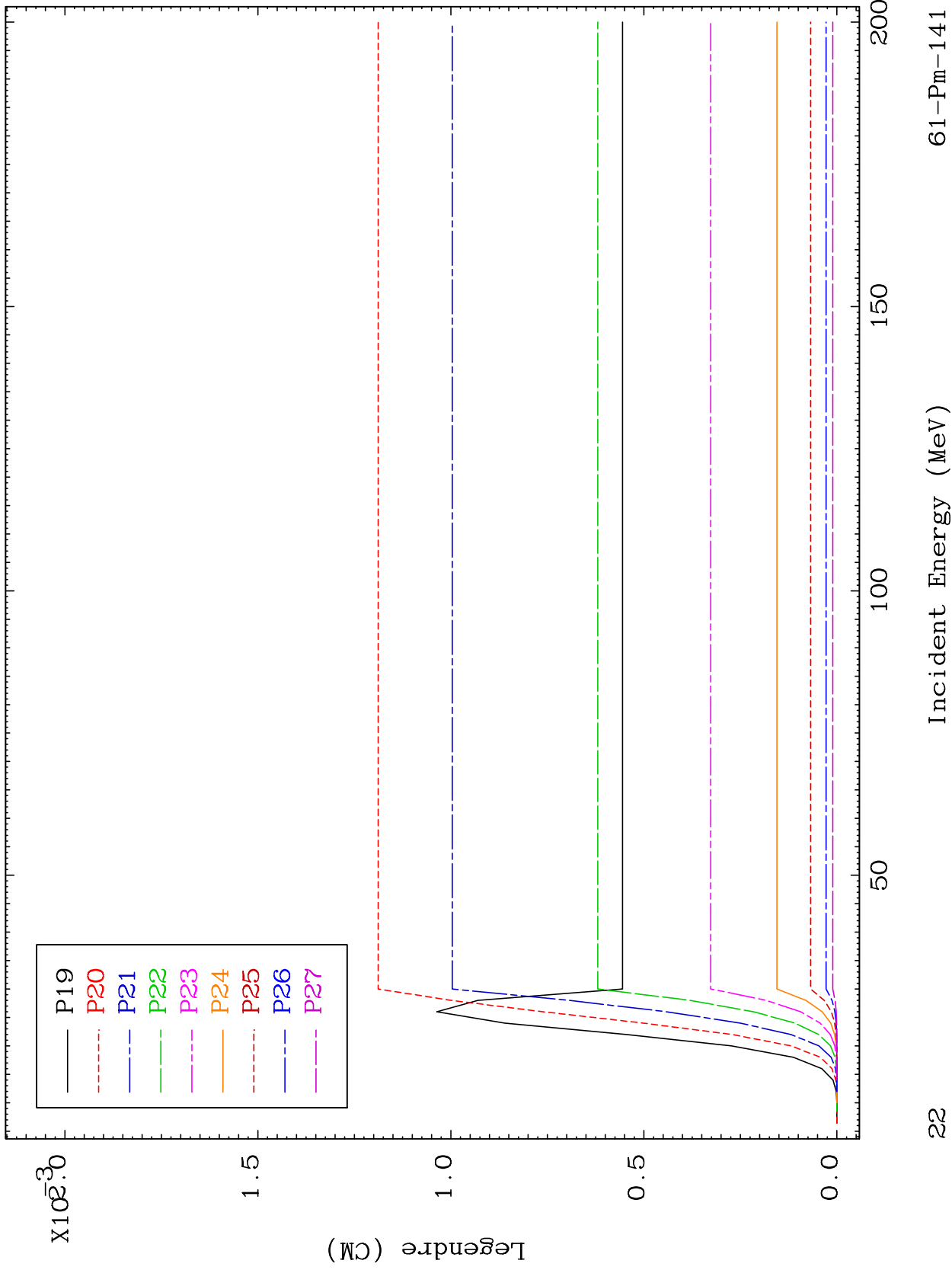
$\times 10^{-6}$

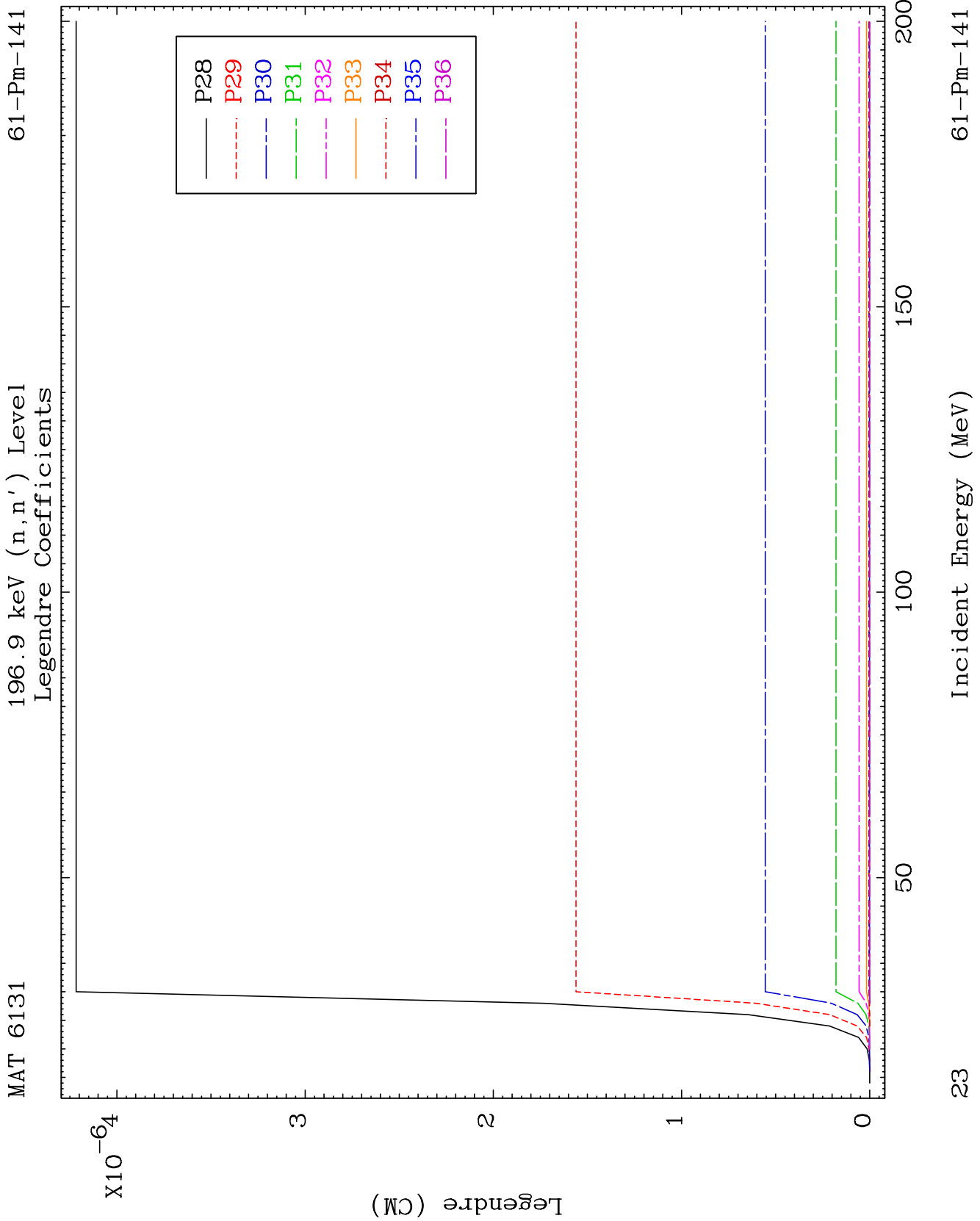
Legendre (CM)

- P28
- P29
- P30
- P31
- P32
- P33
- P34







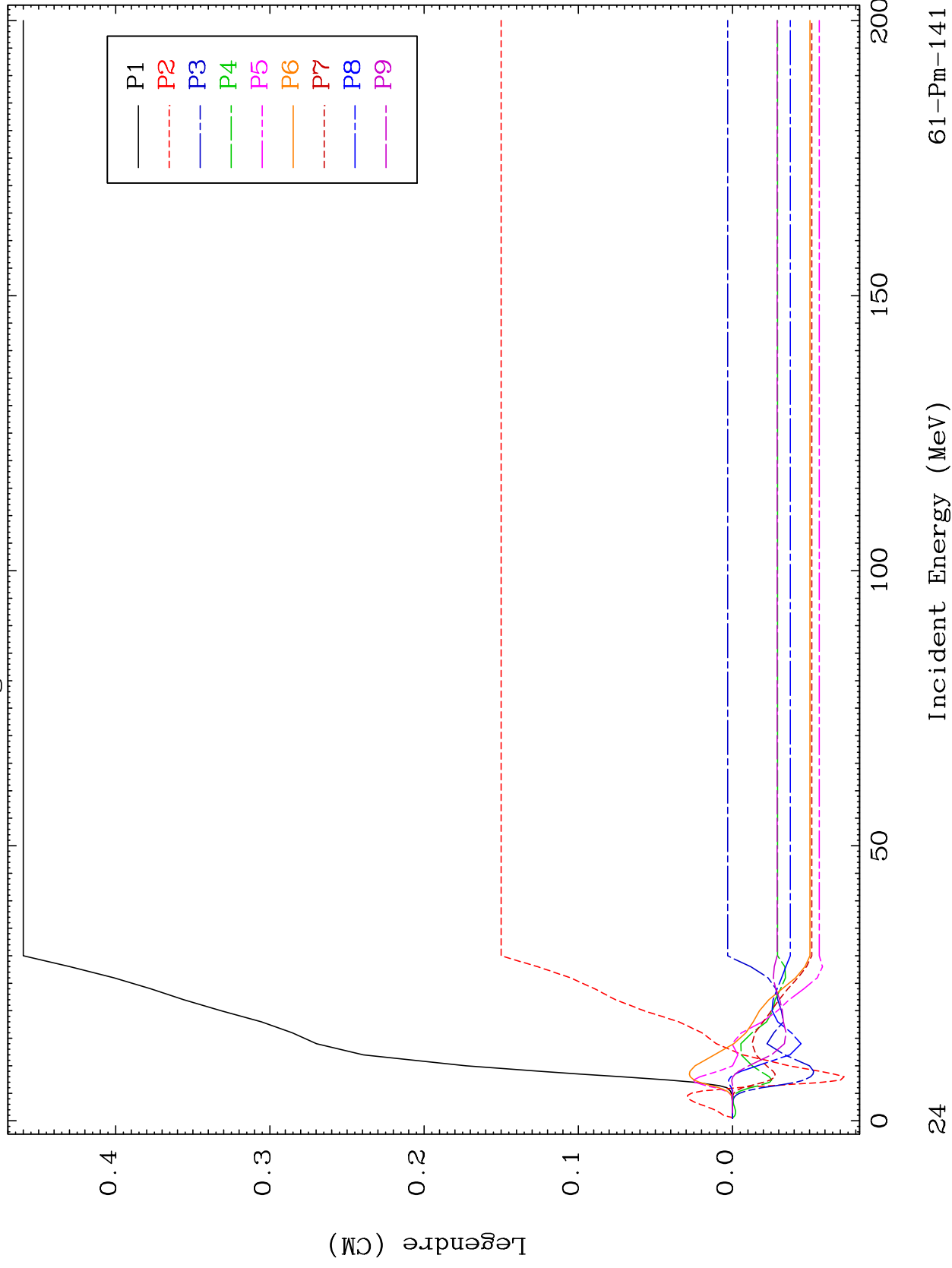




MAT 6131

403.8 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



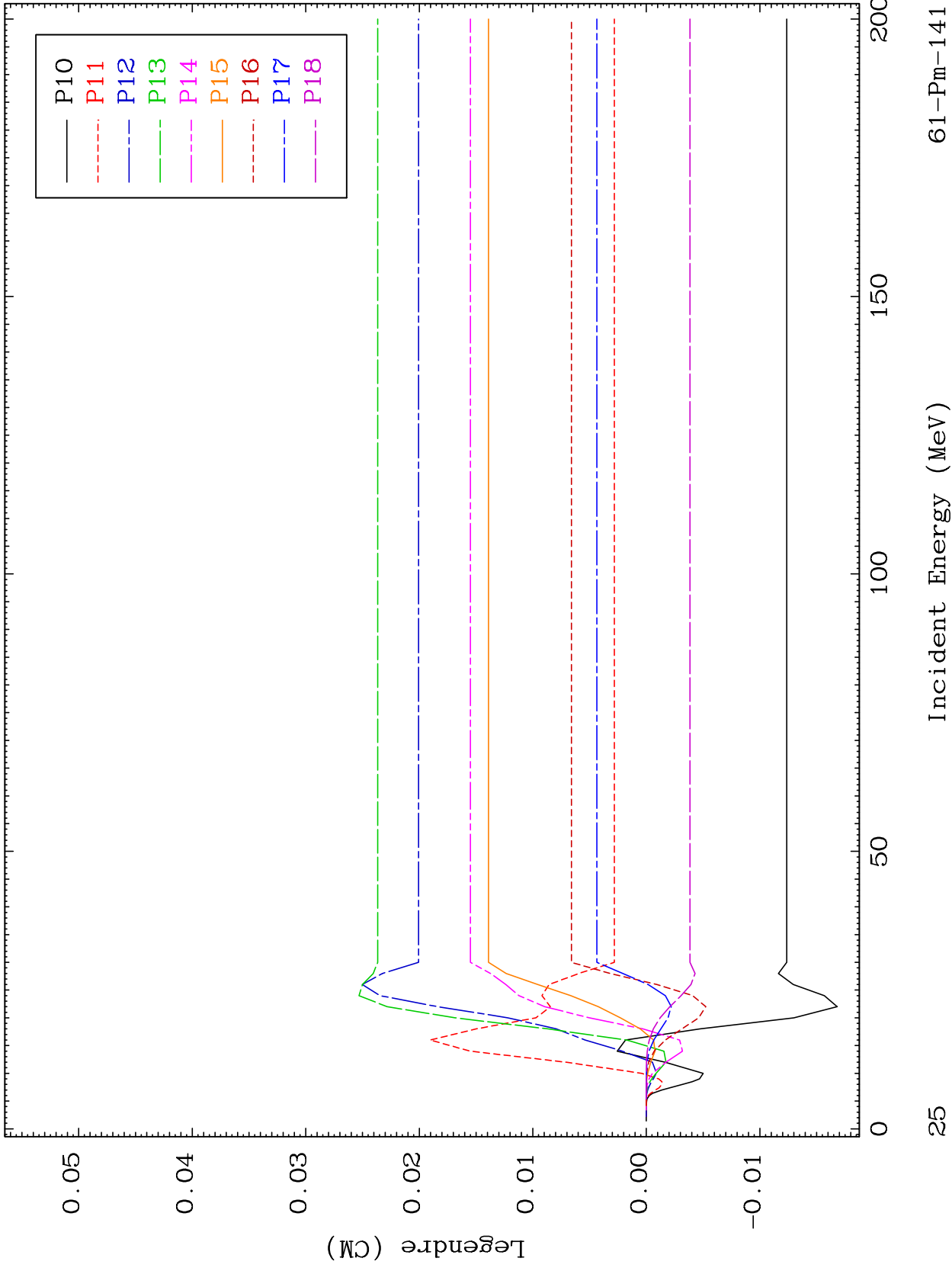
24

61-Pm-141

MAT 6131

403.8 keV (n,n') Level  
Legendre Coefficients

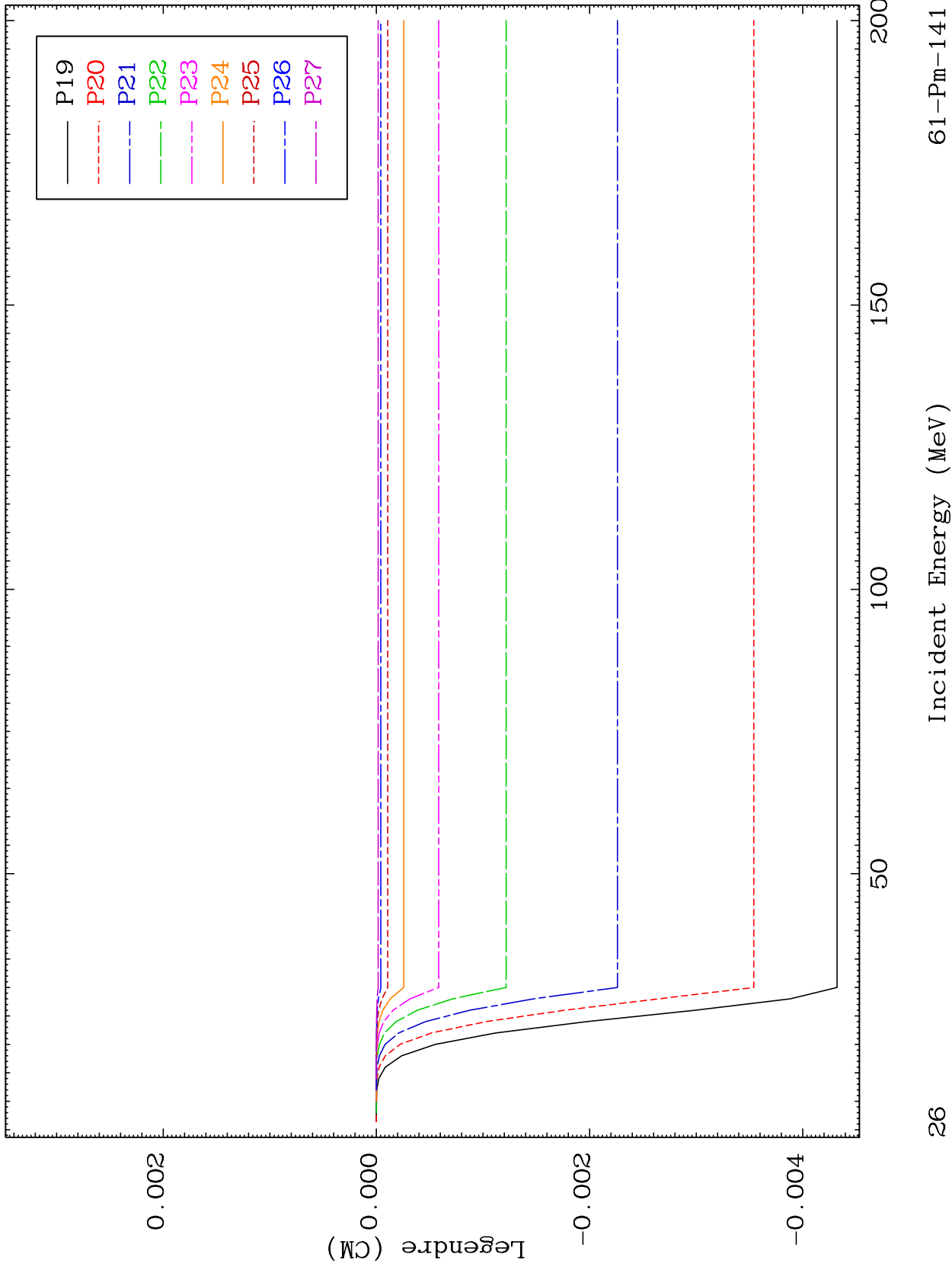
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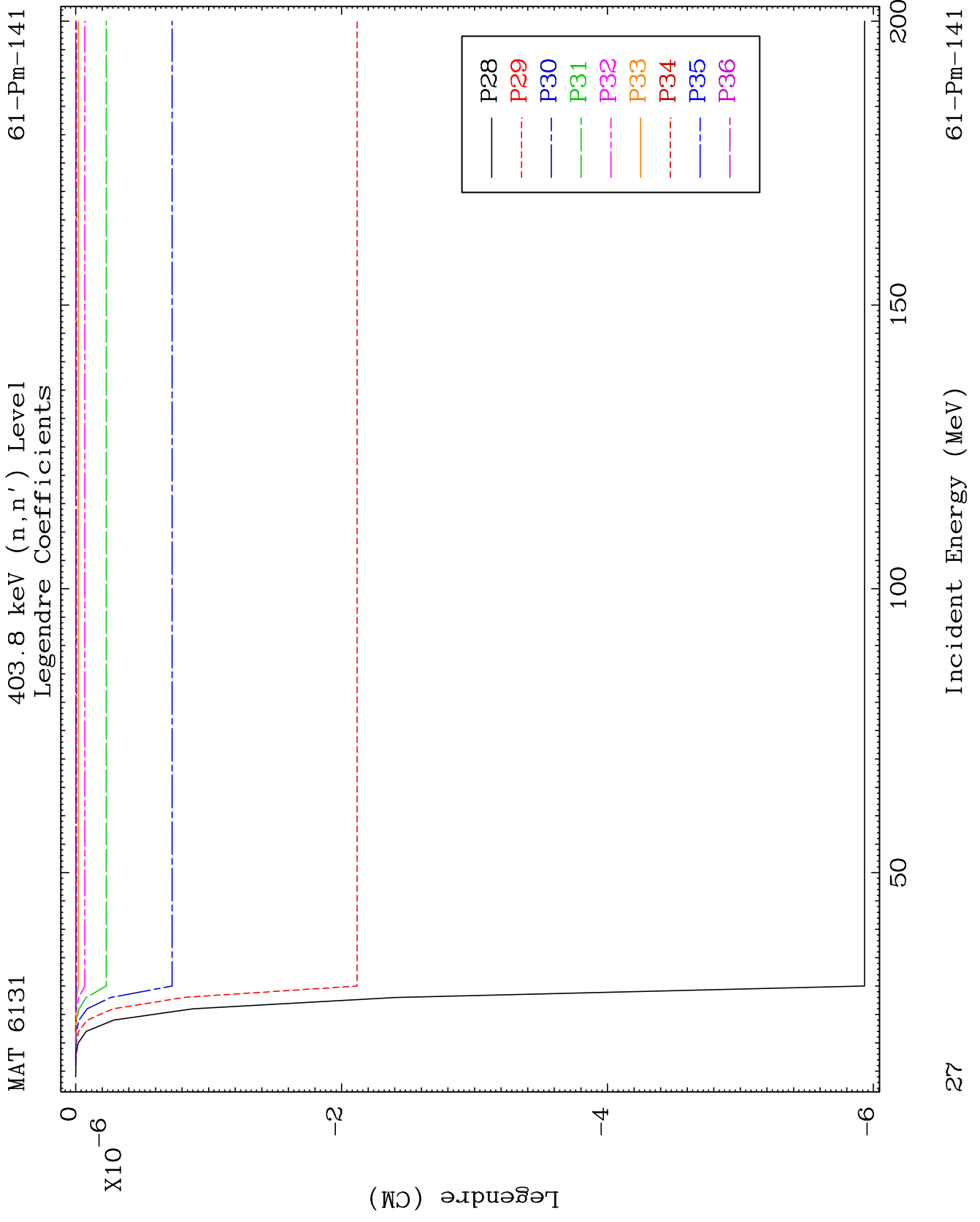


61-Pm-141

Incident Energy (MeV)

25

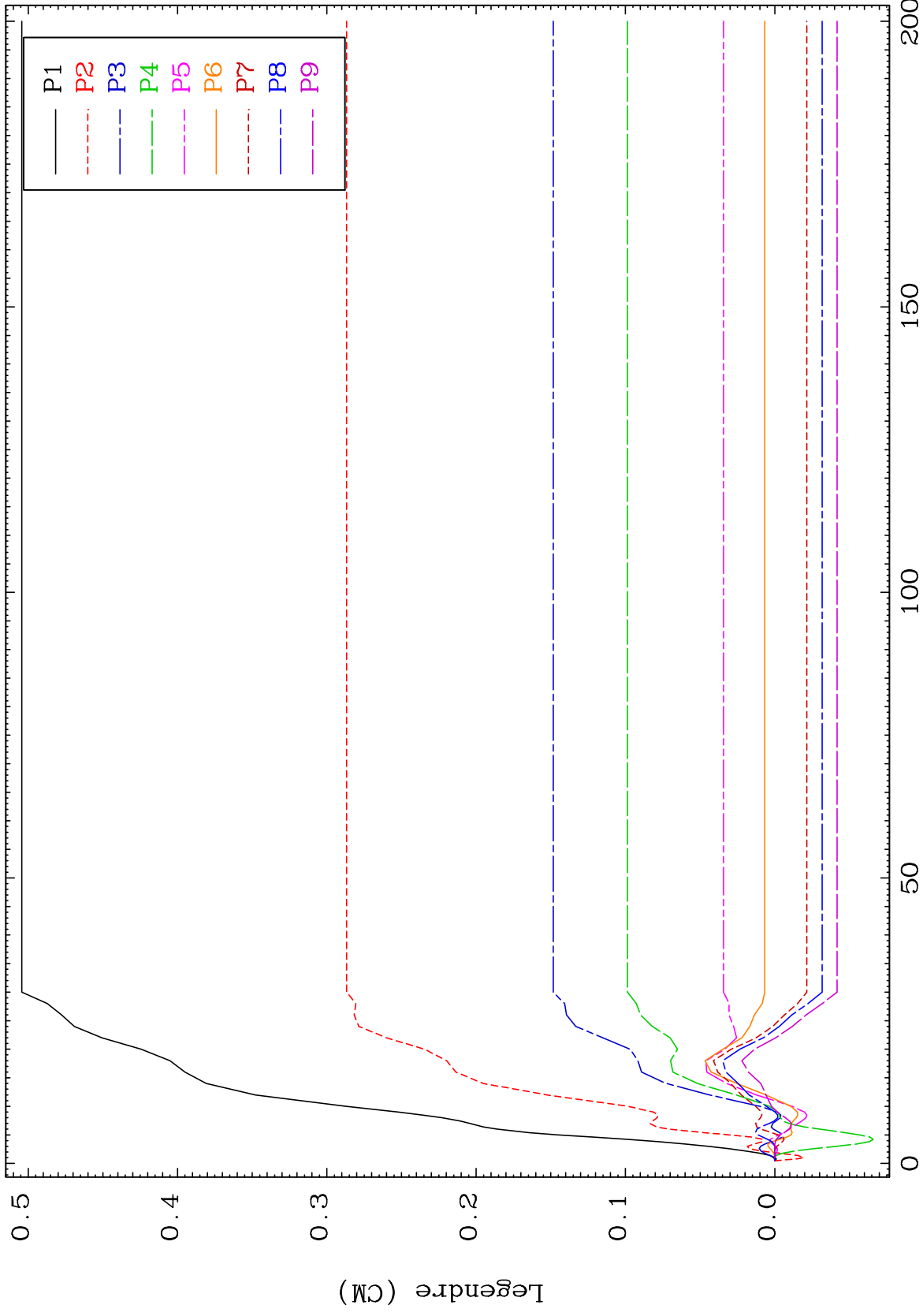




MAT 6131

438.3 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



28

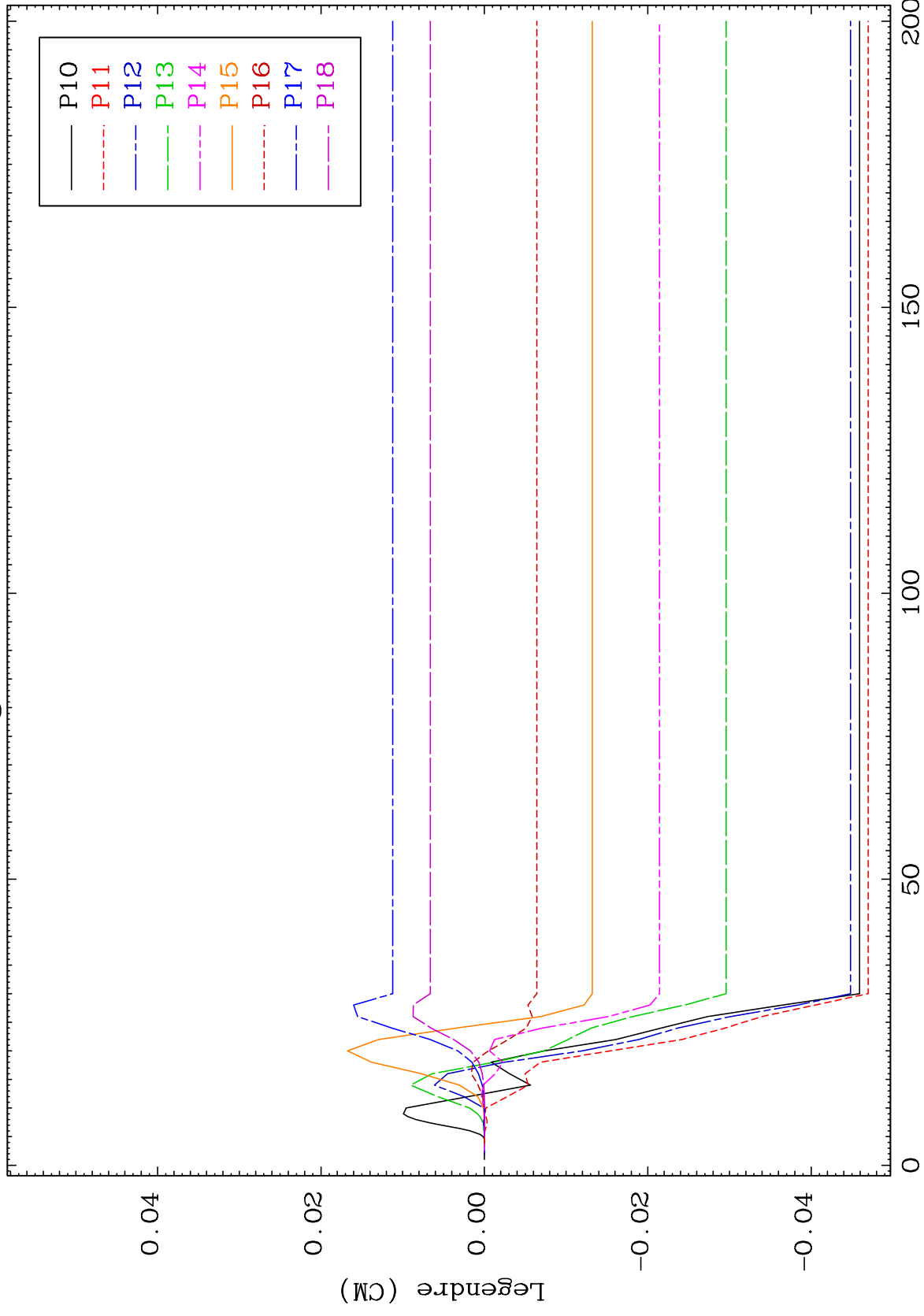
Incident Energy (MeV)

61-Pm-141

MAT 6131

438.3 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



29

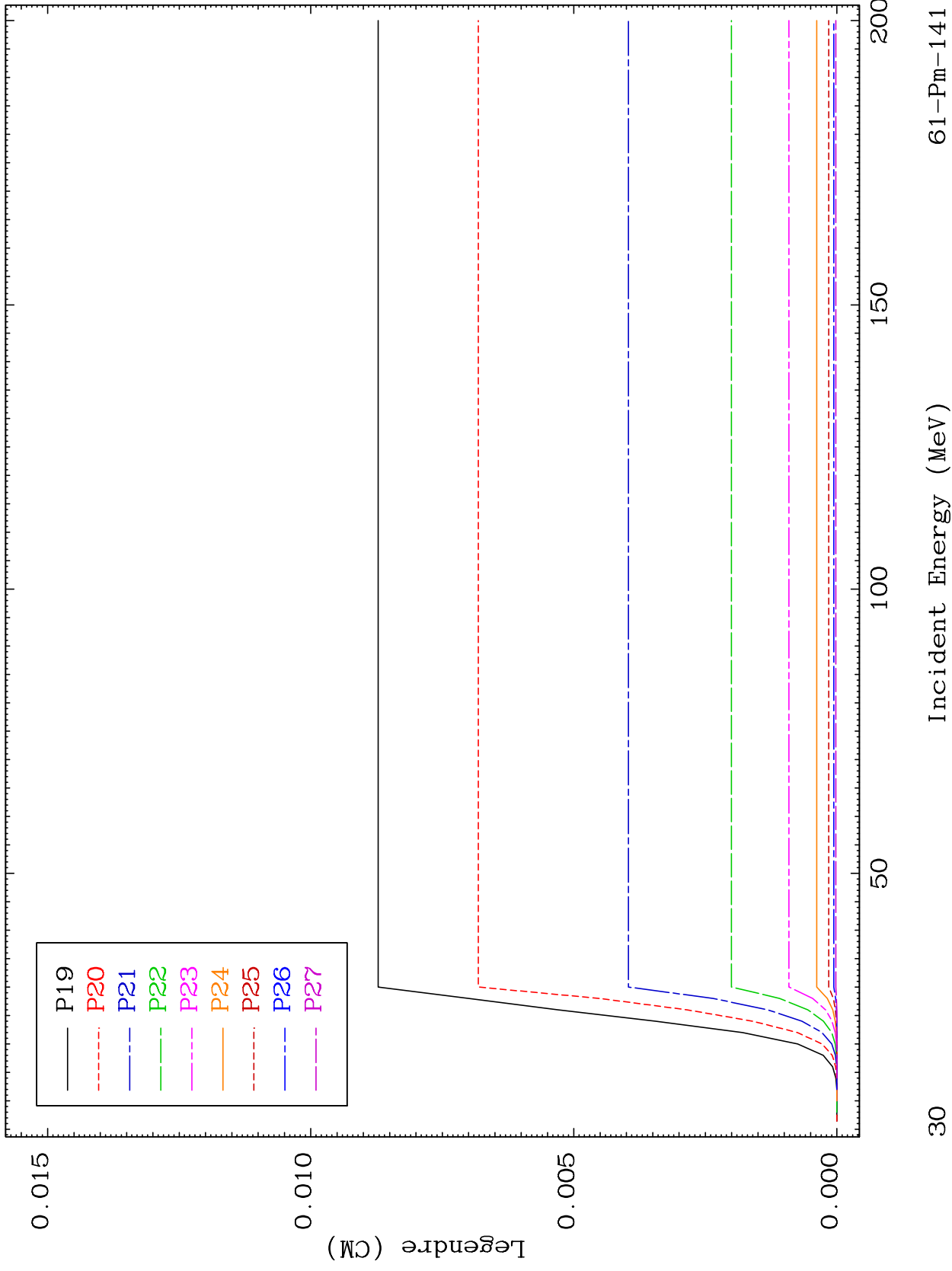
Incident Energy (MeV)

61-Pm-141

MAT 6131

438.3 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



61-Pm-141

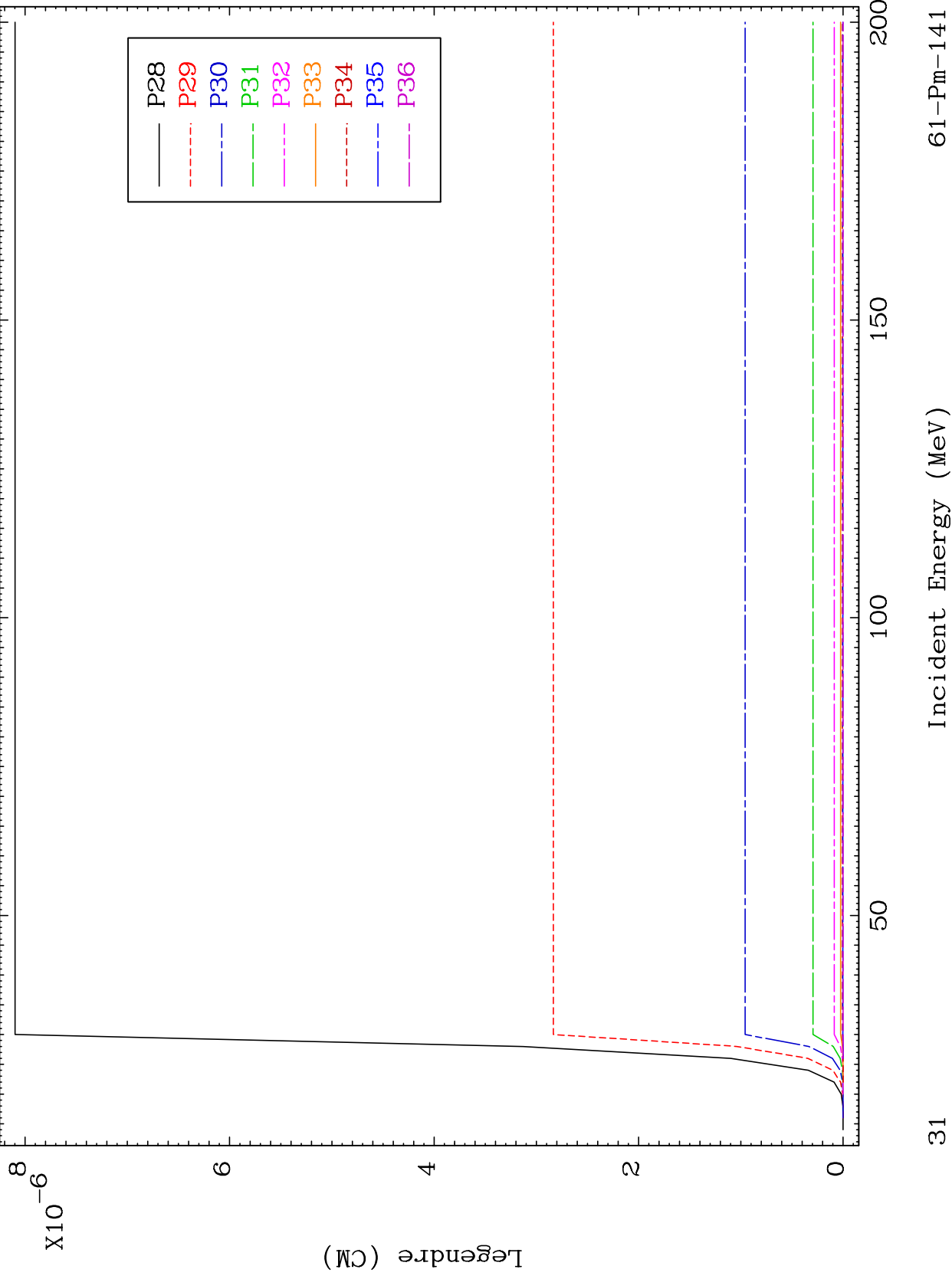
Incident Energy (MeV)

30

MAT 6131

438.3 keV (n,n') Level  
Legendre Coefficients

61-Pm-141

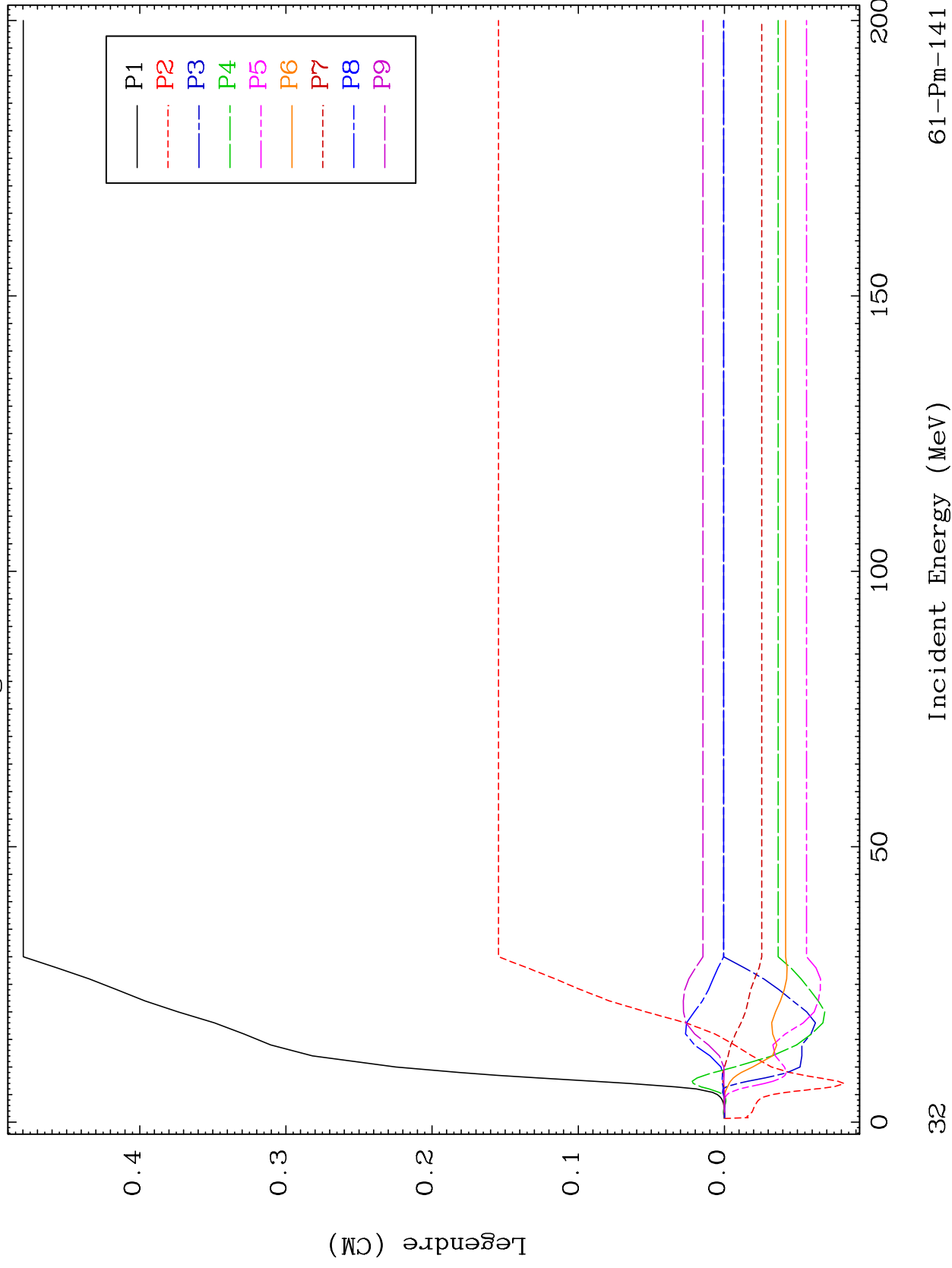




MAT 6131

628.4 keV (n,n') Level  
Legendre Coefficients

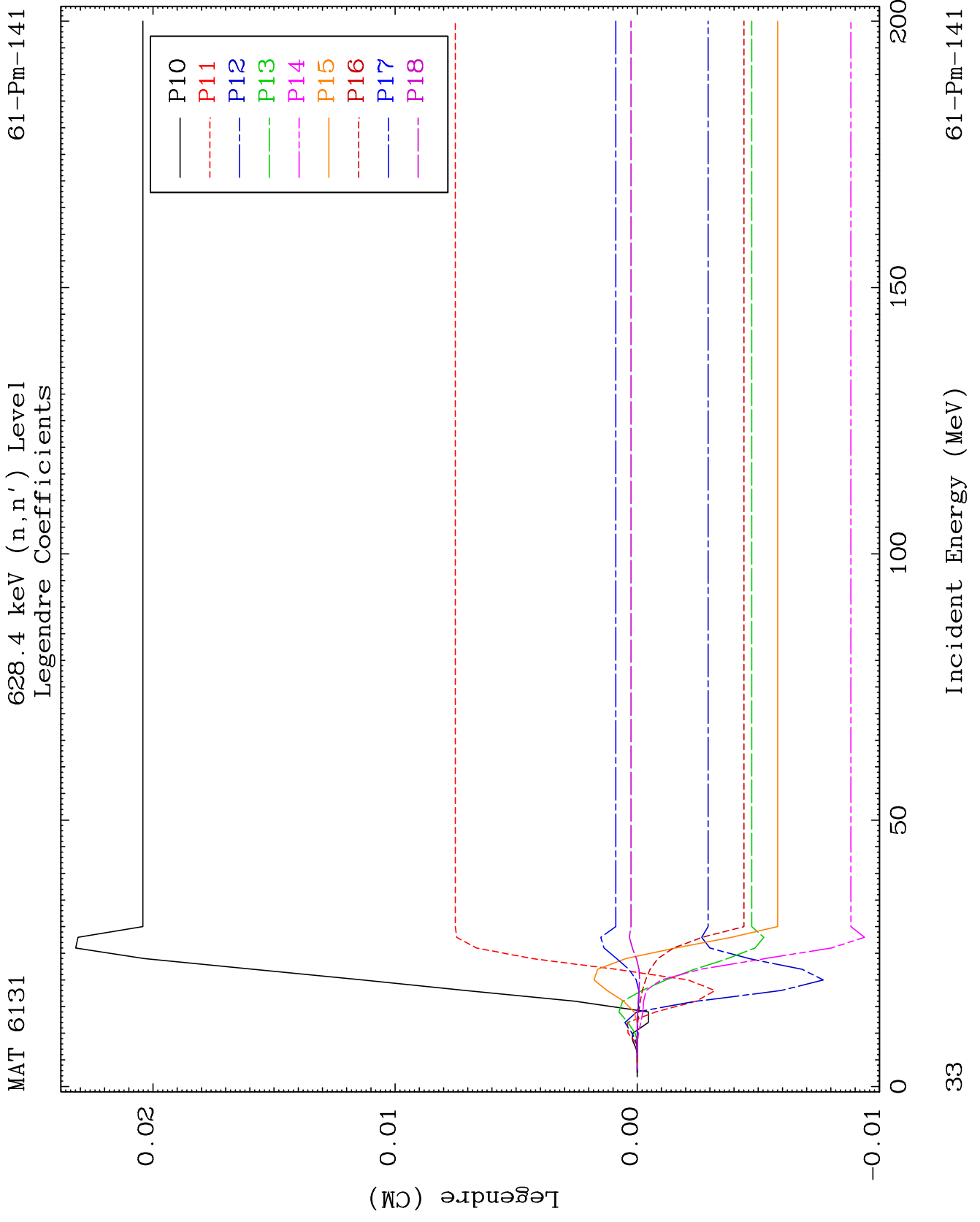
61-Pm-141



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Incident Energy (MeV)

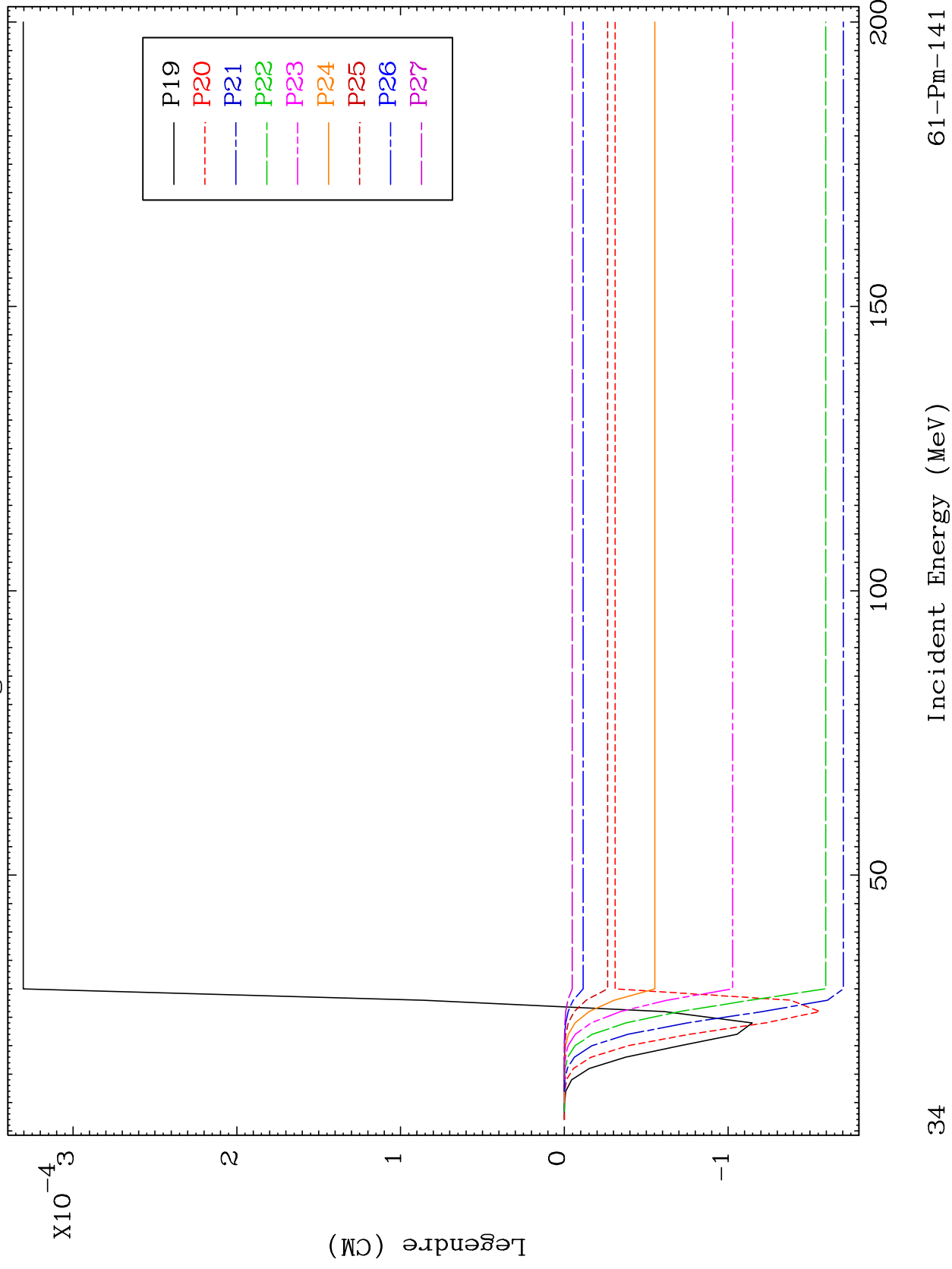
61-Pm-141



MAT 6131

628.4 keV (n,n') Level  
Legendre Coefficients

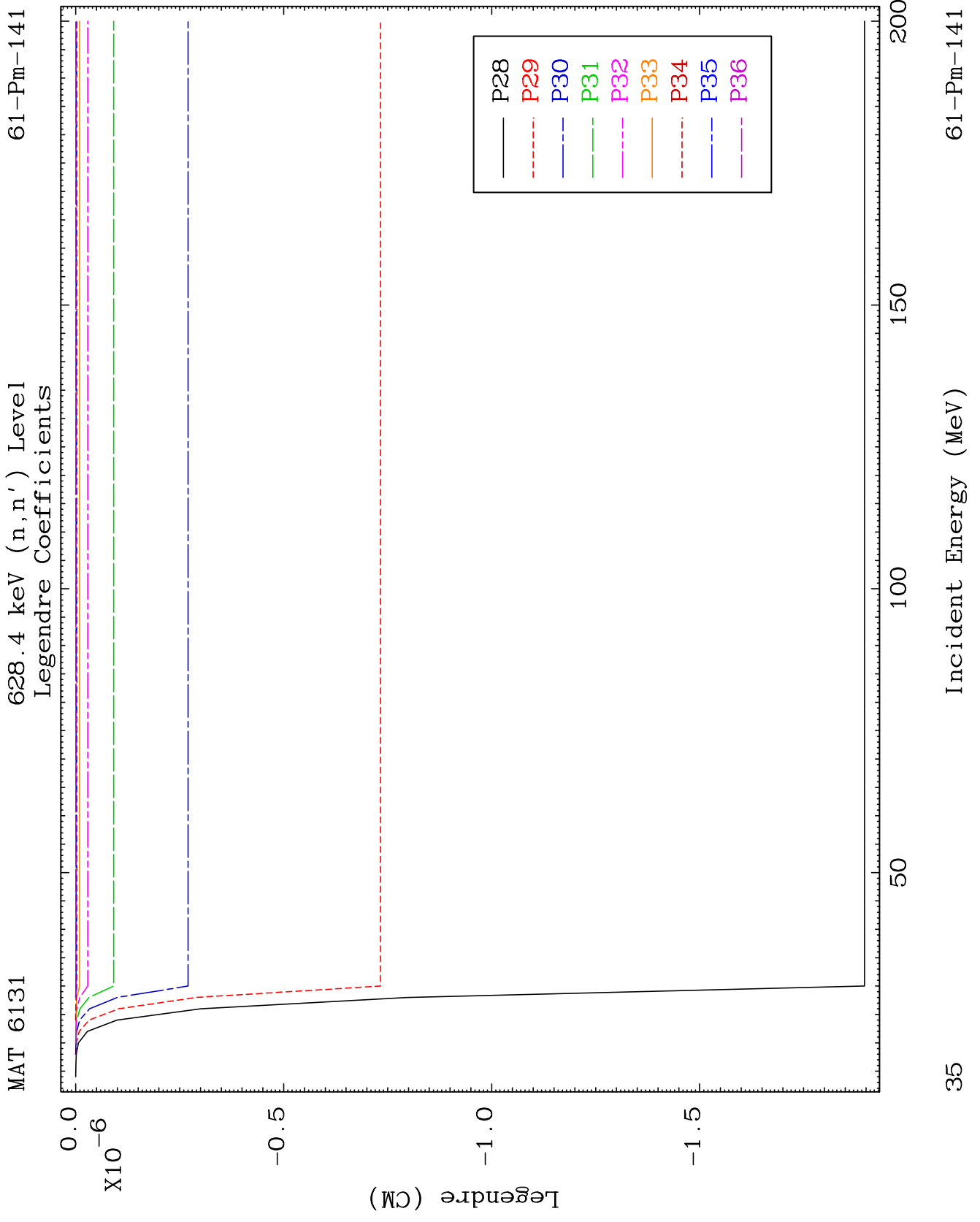
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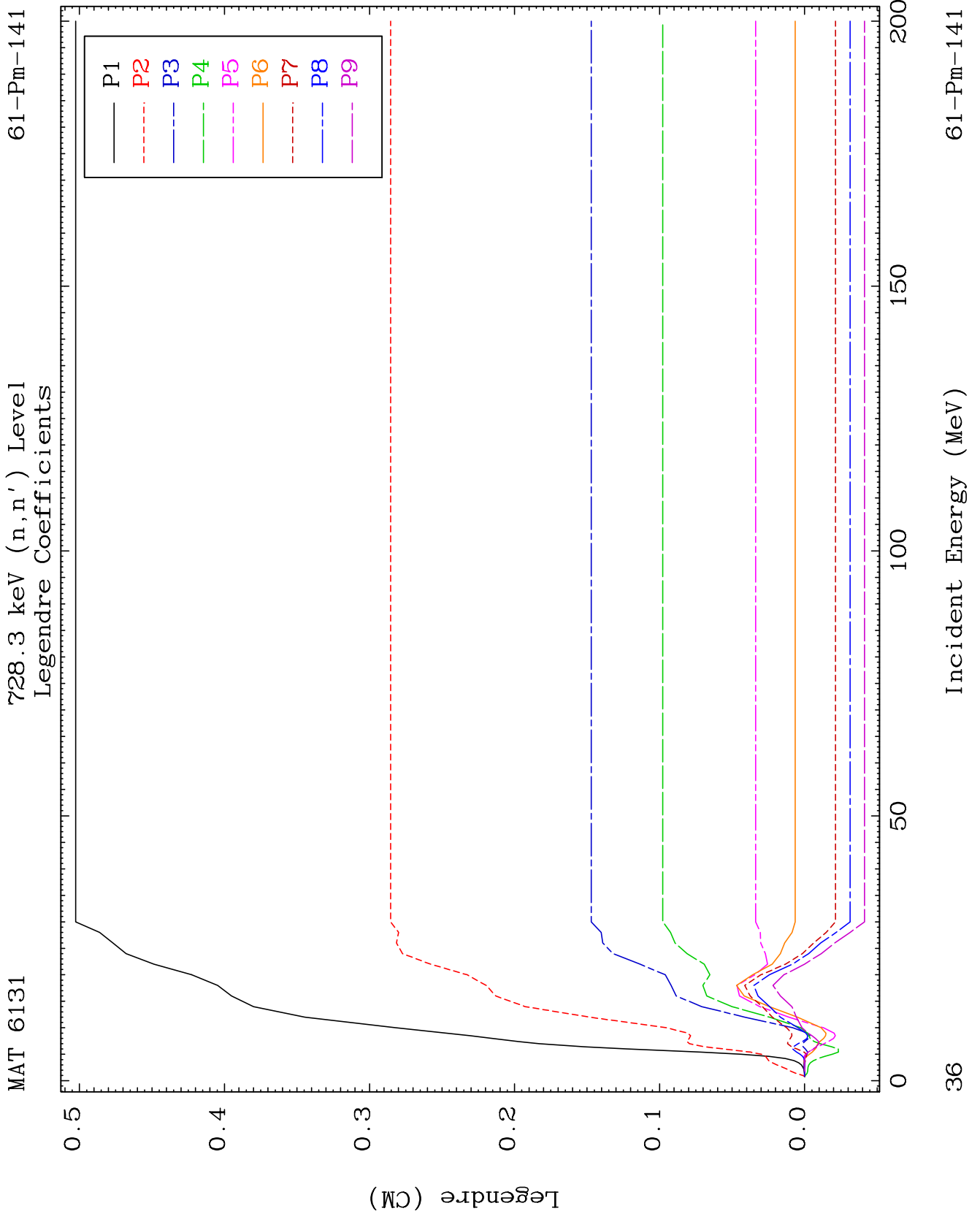


34

Incident Energy (MeV)

61-Pm-141

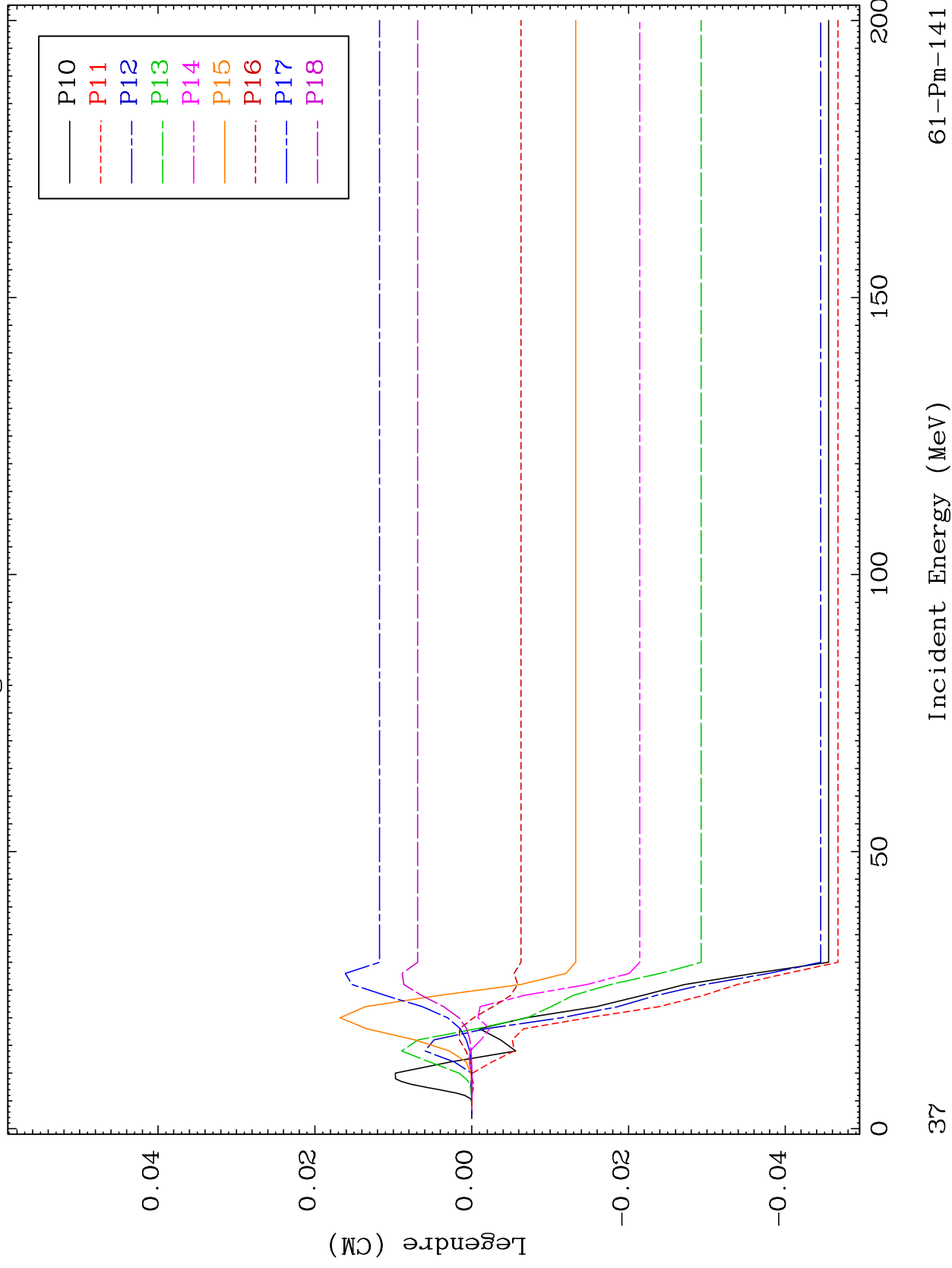




MAT 6131

728.3 keV (n,n') Level  
Legendre Coefficients

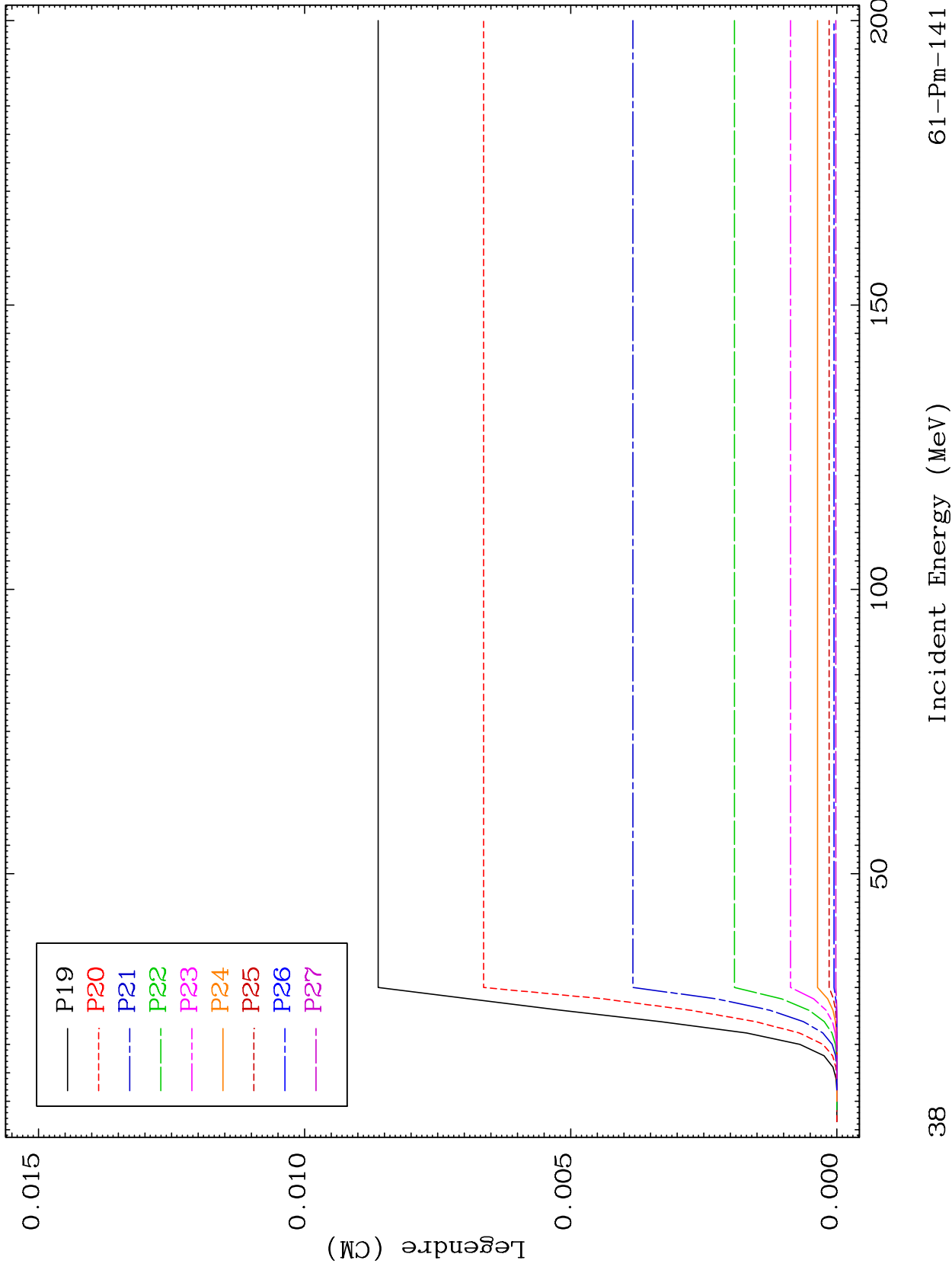
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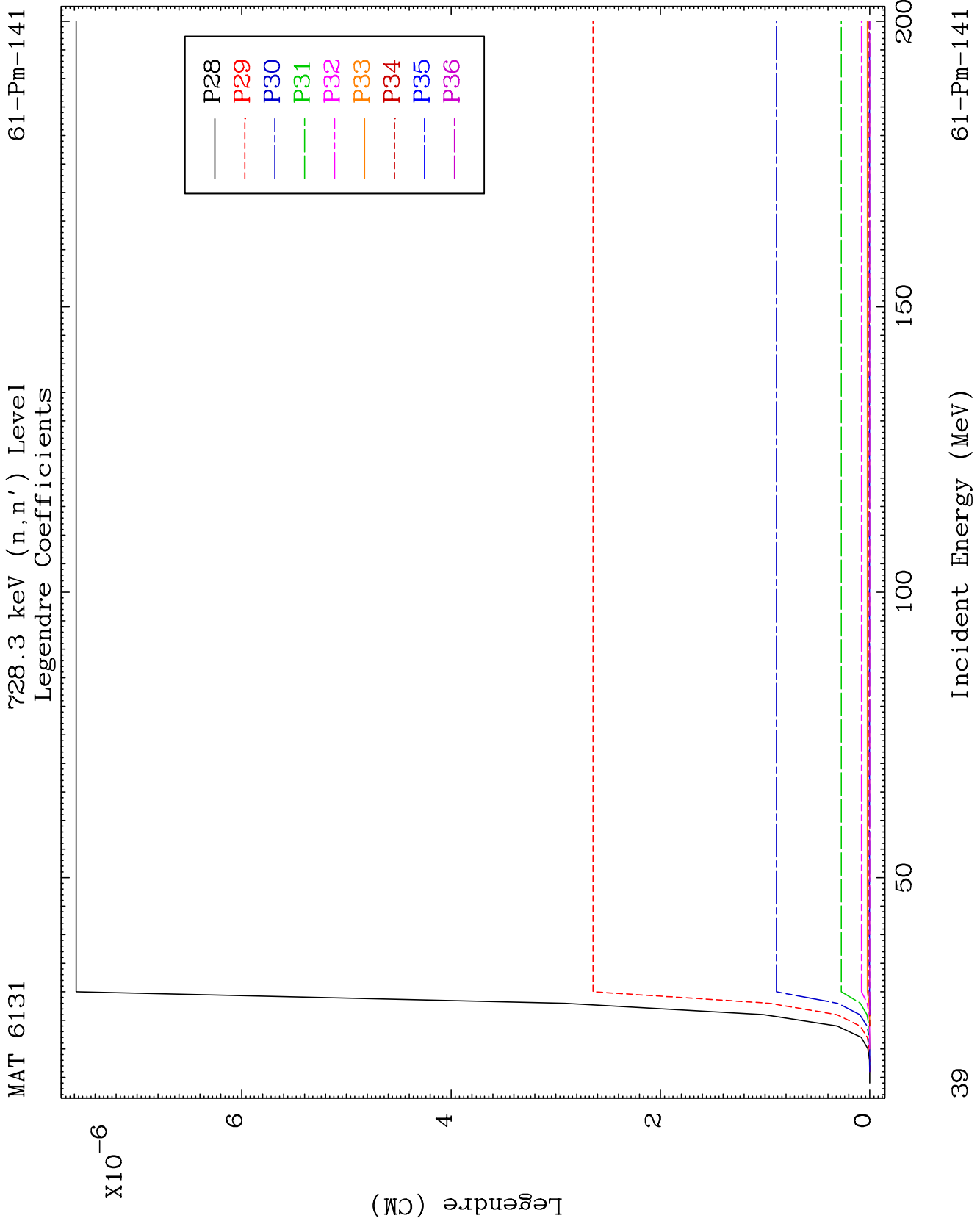


61-Pm-141

Incident Energy (MeV)

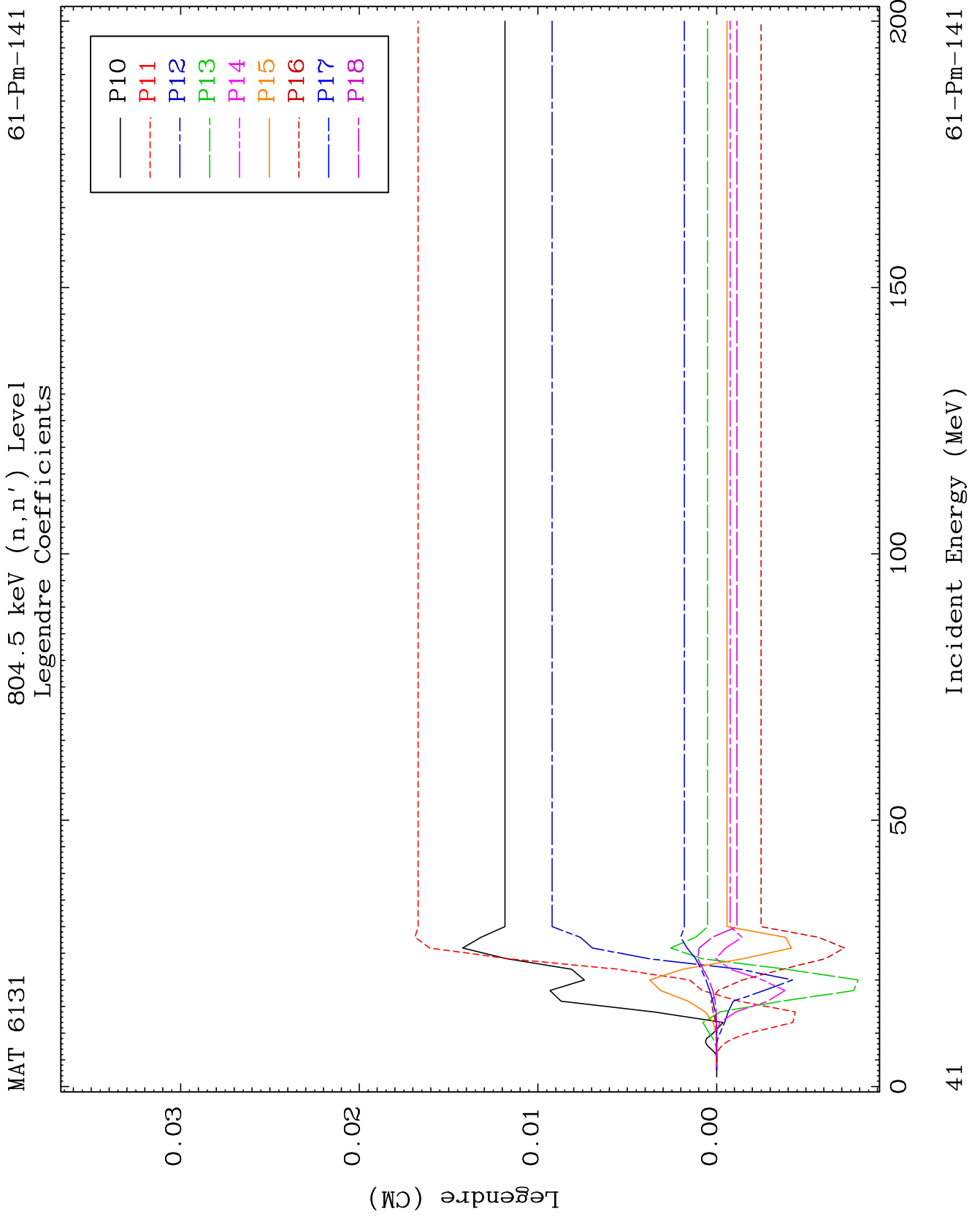
37







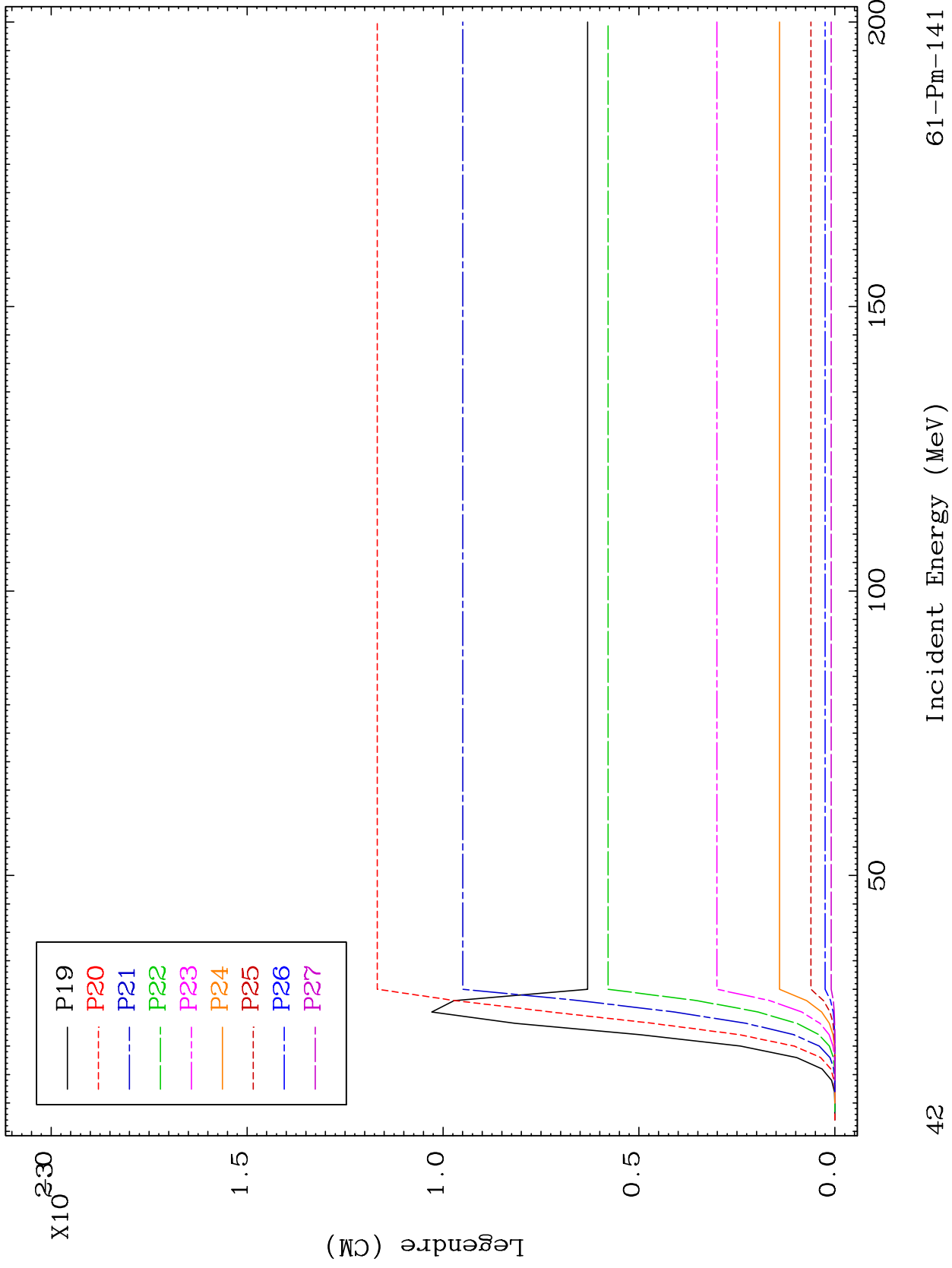




MAT 6131

804.5 keV (n, n') Level  
Legendre Coefficients

61-Pm-141



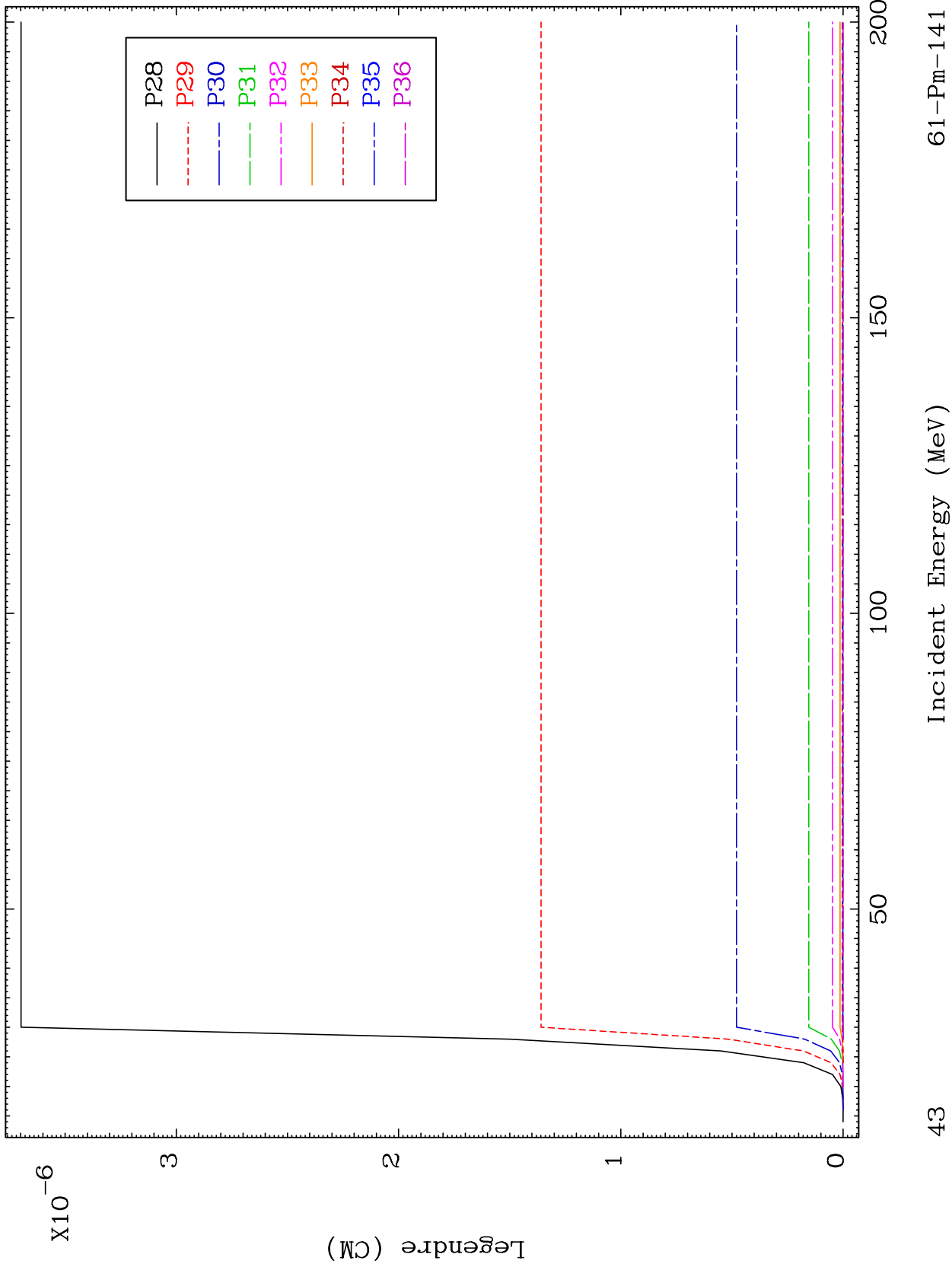
42

200

MAT 6131

804.5 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



43

Incident Energy (MeV)

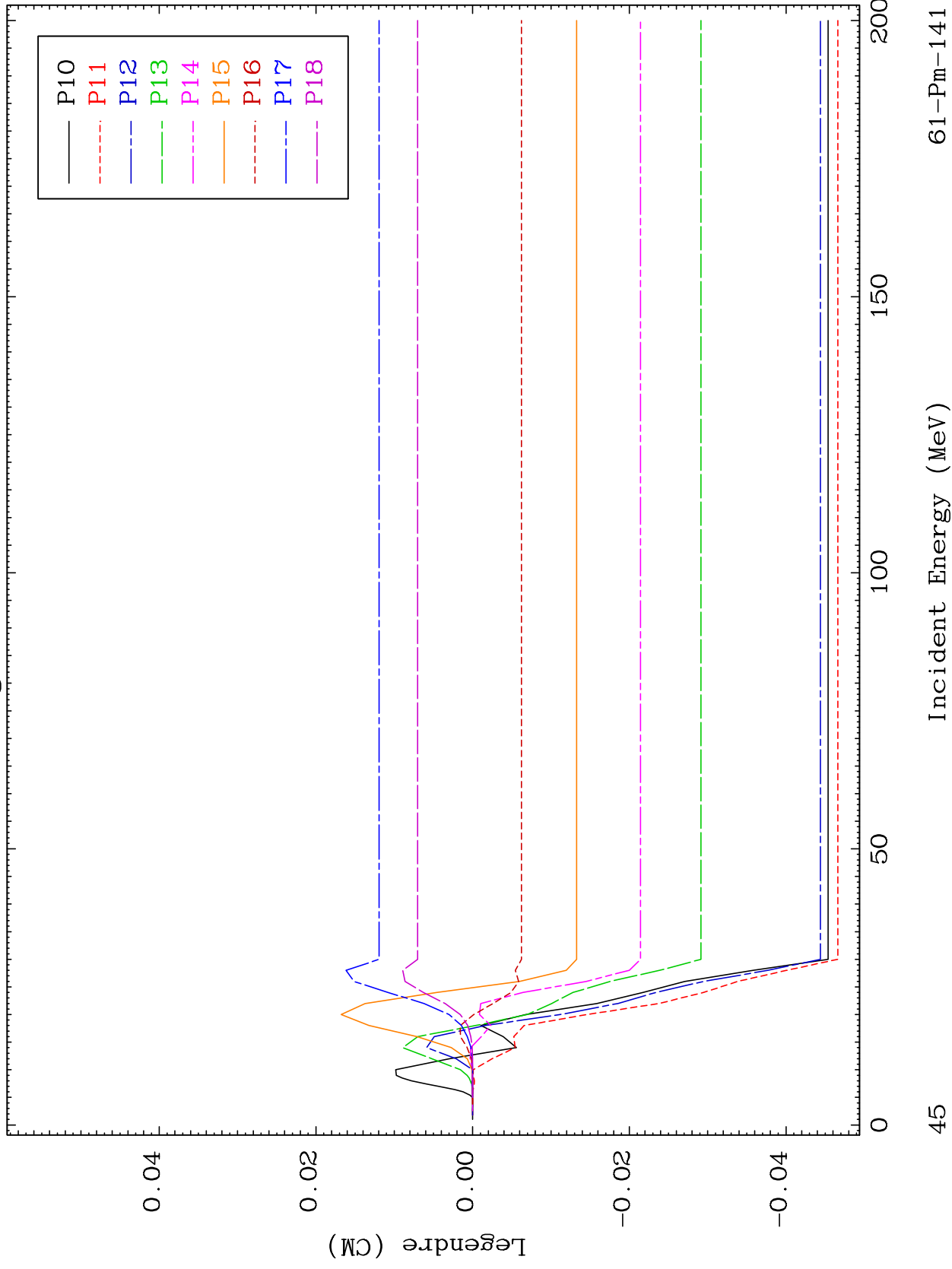
61-Pm-141



MAT 6131

837.1 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



61-Pm-141

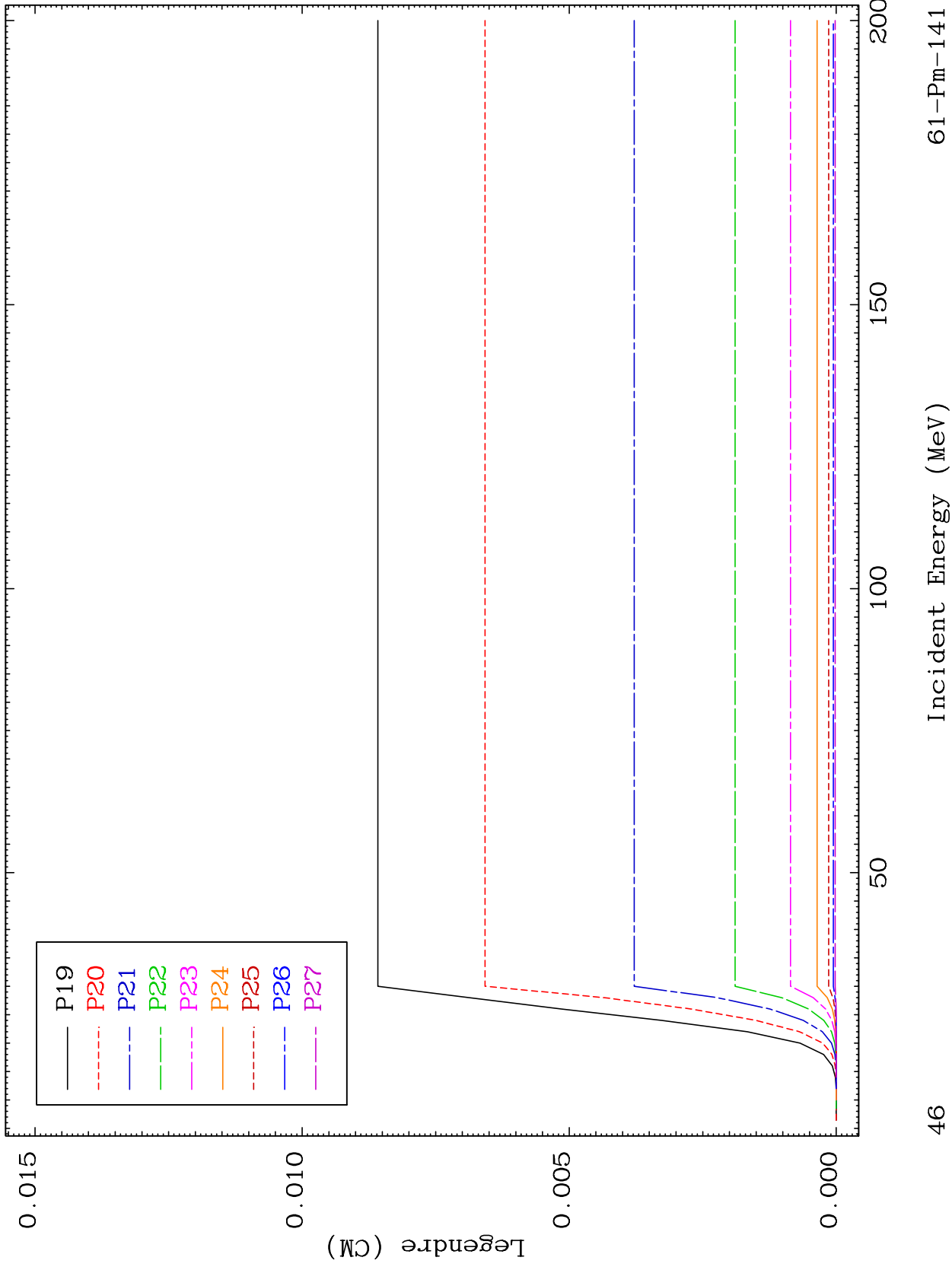
Incident Energy (MeV)

45

MAT 6131

837.1 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



46

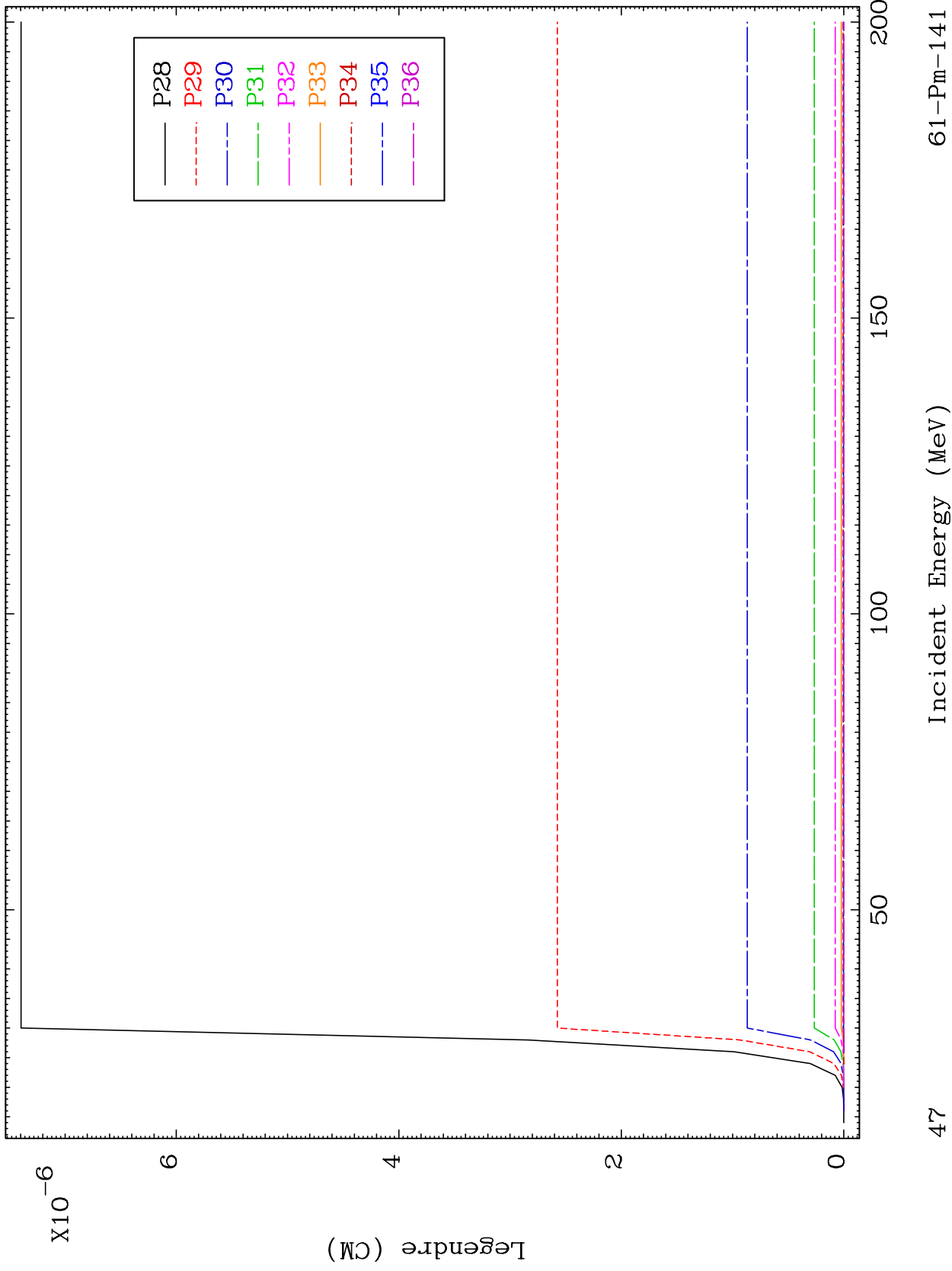
Incident Energy (MeV)

61-Pm-141

MAT 6131

837.1 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



47

Incident Energy (MeV)

61-Pm-141

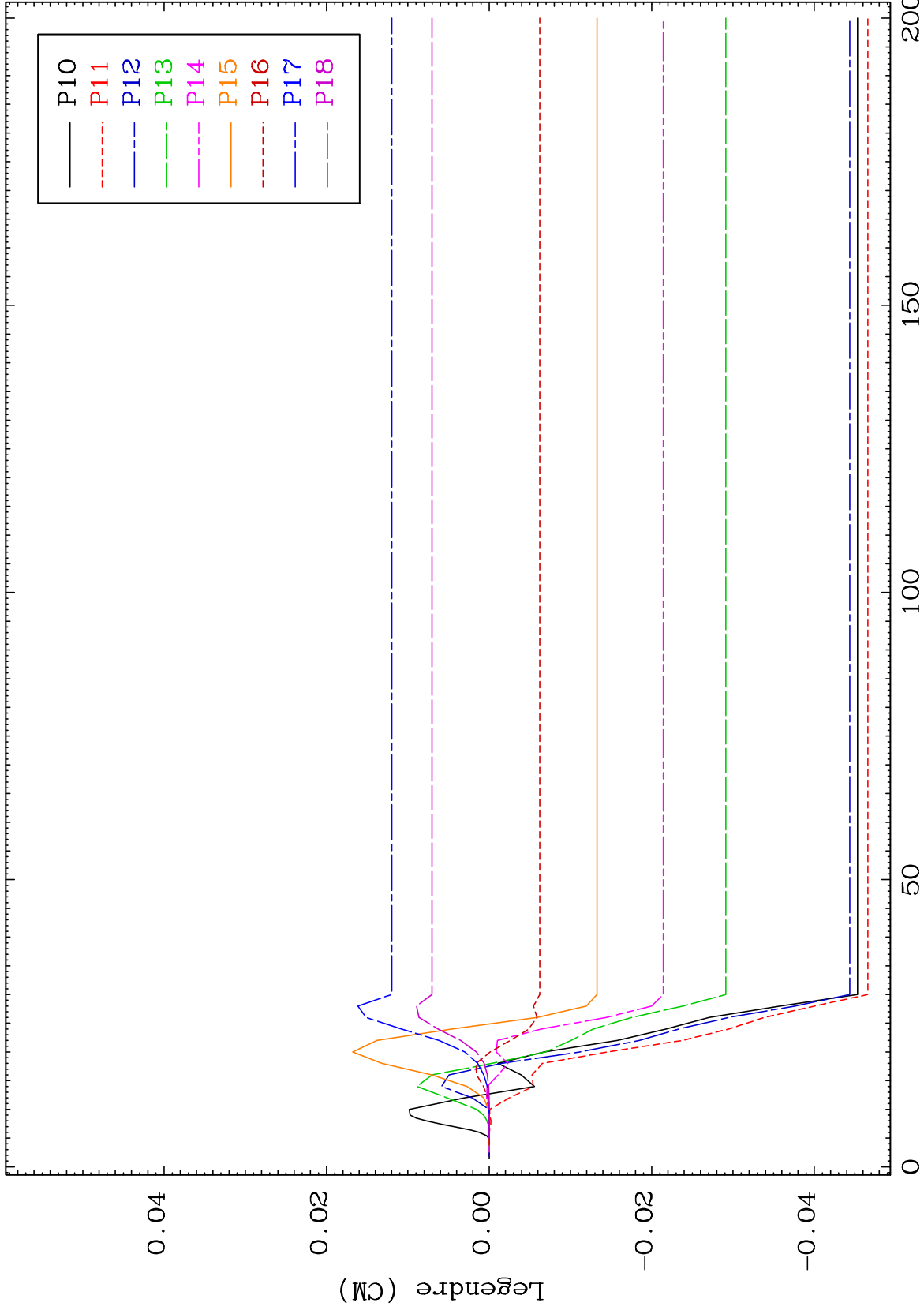




MAT 6131

858.6 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



49

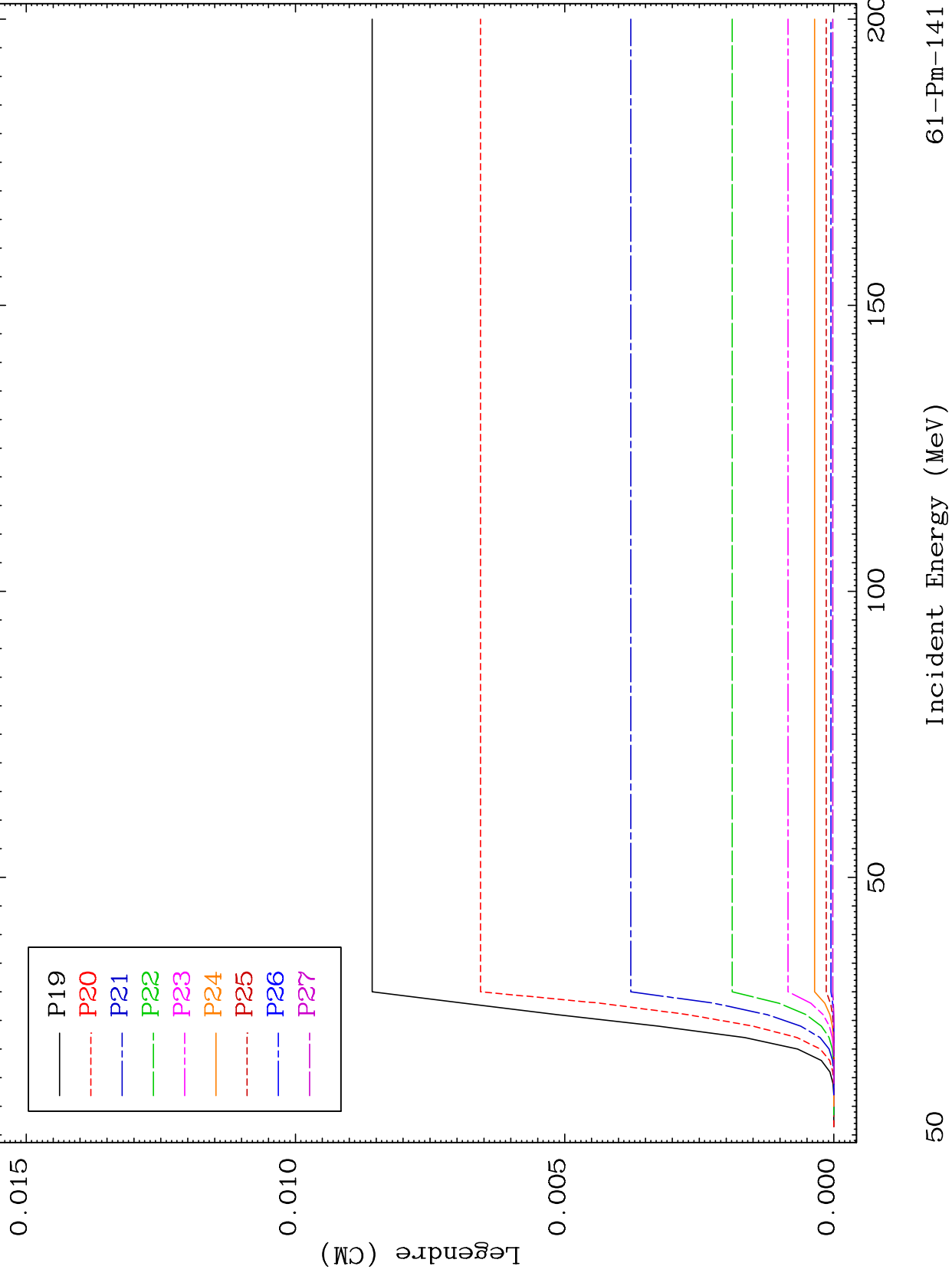
Incident Energy (MeV)

61-Pm-141

MAT 6131

858.6 keV (n,n') Level  
Legendre Coefficients

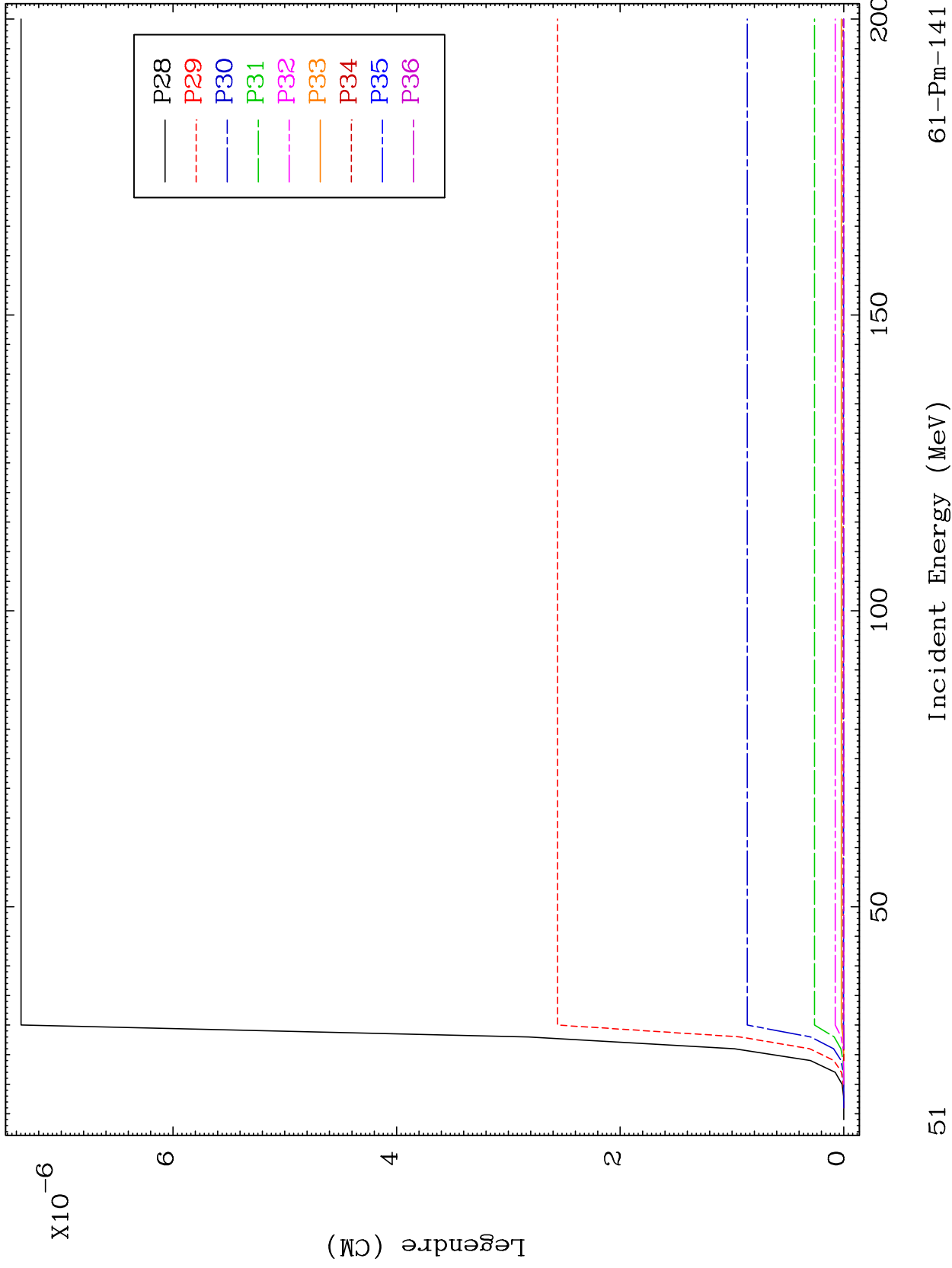
61-Pm-141



MAT 6131

858.6 keV (n, n') Level  
Legendre Coefficients

61-Pm-141



51

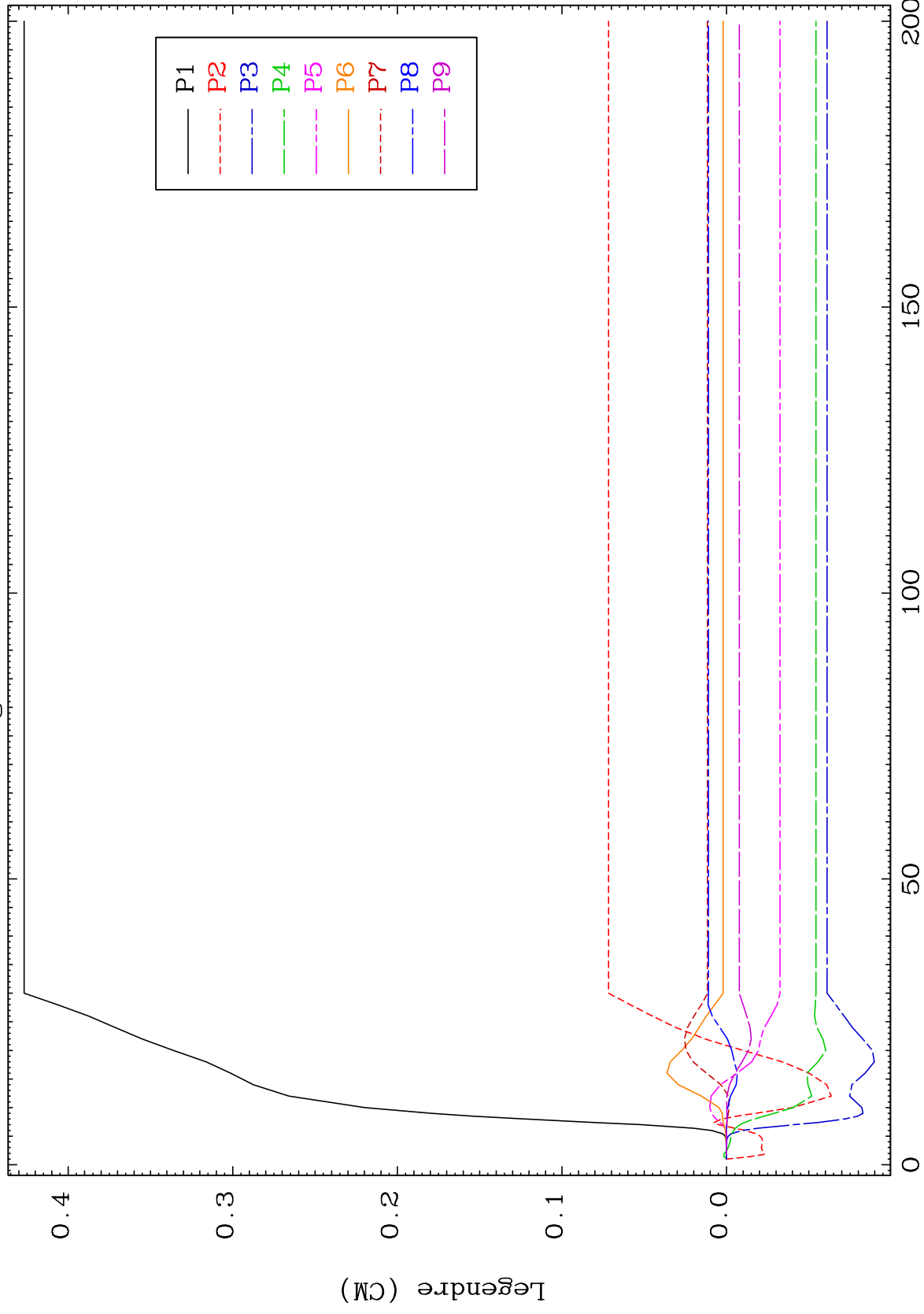
Incident Energy (MeV)

61-Pm-141

MAT 6131

974.3 keV (n,n') Level  
Legendre Coefficients

61-Pm-141



52

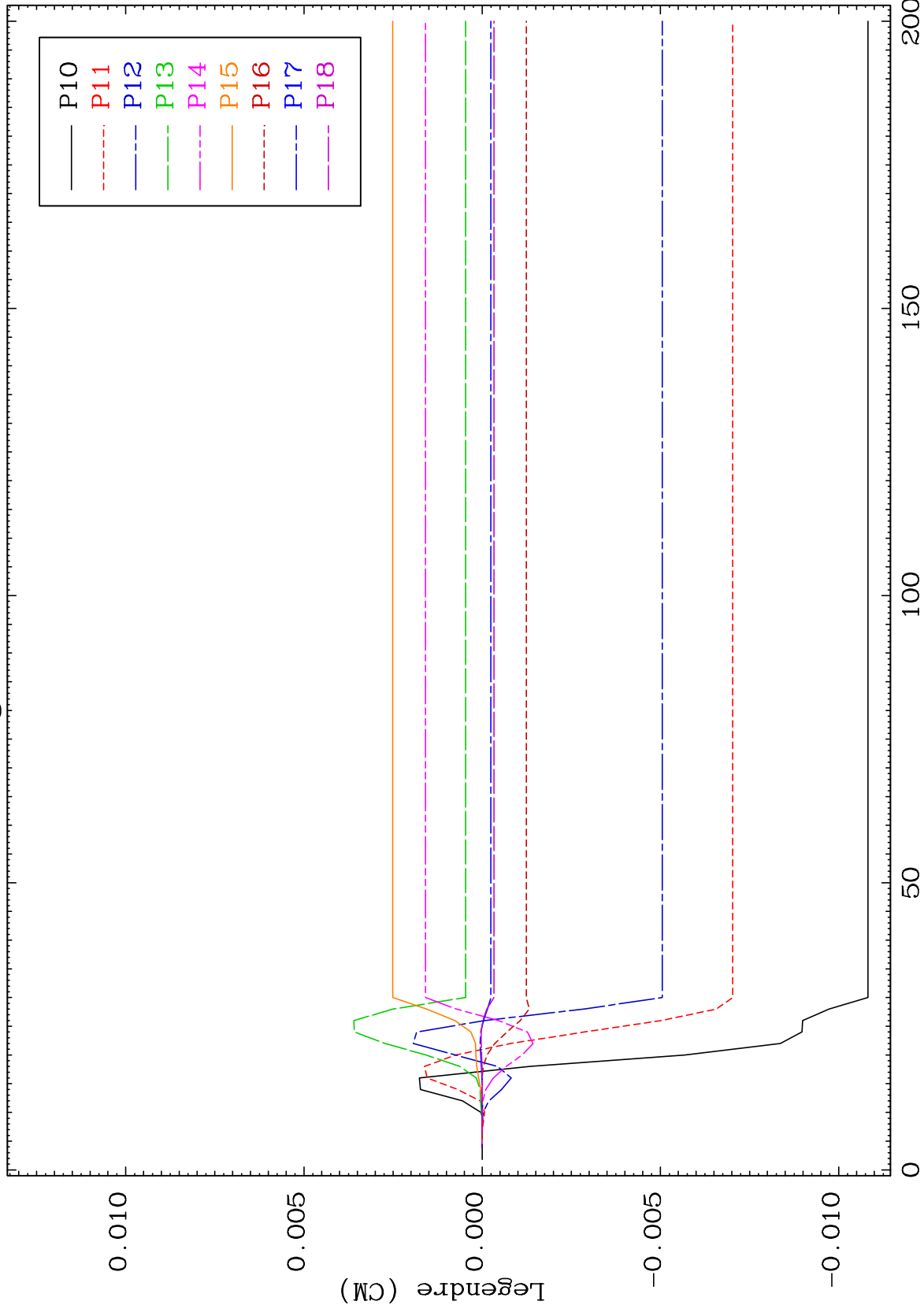
Incident Energy (MeV)

61-Pm-141

MAT 6131

974.3 keV (n,n') Level  
Legendre Coefficients

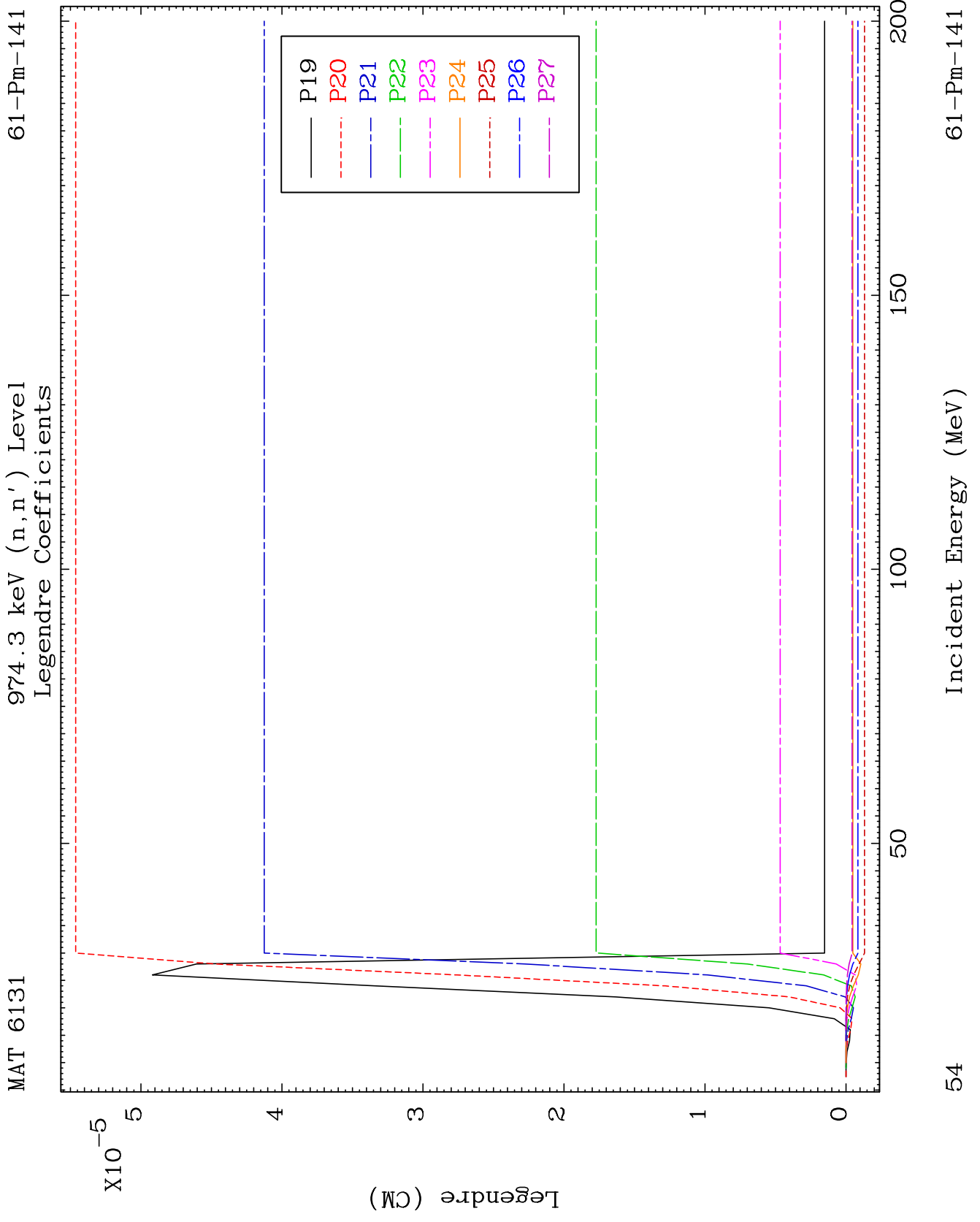
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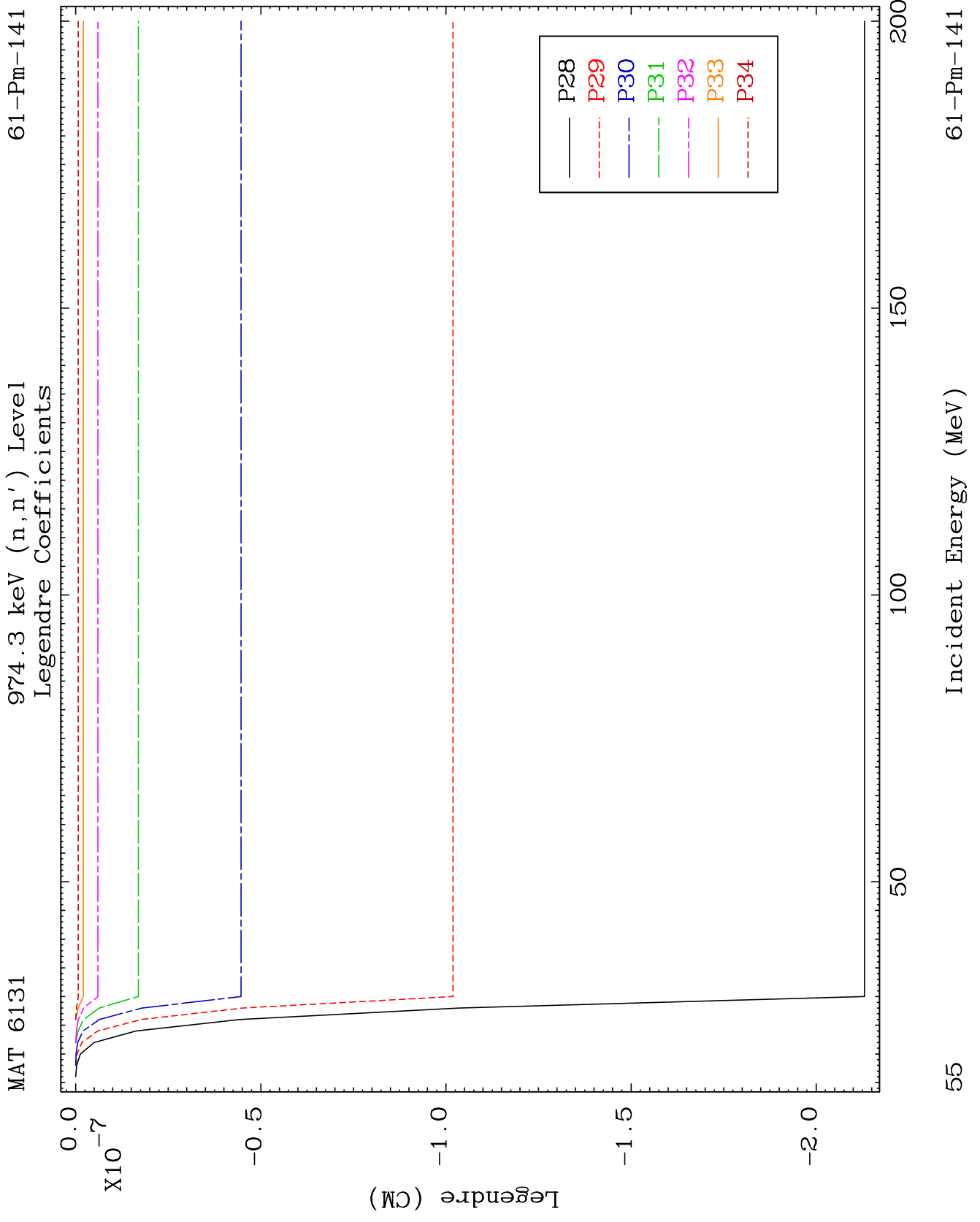


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Incident Energy (MeV)

61-Pm-141



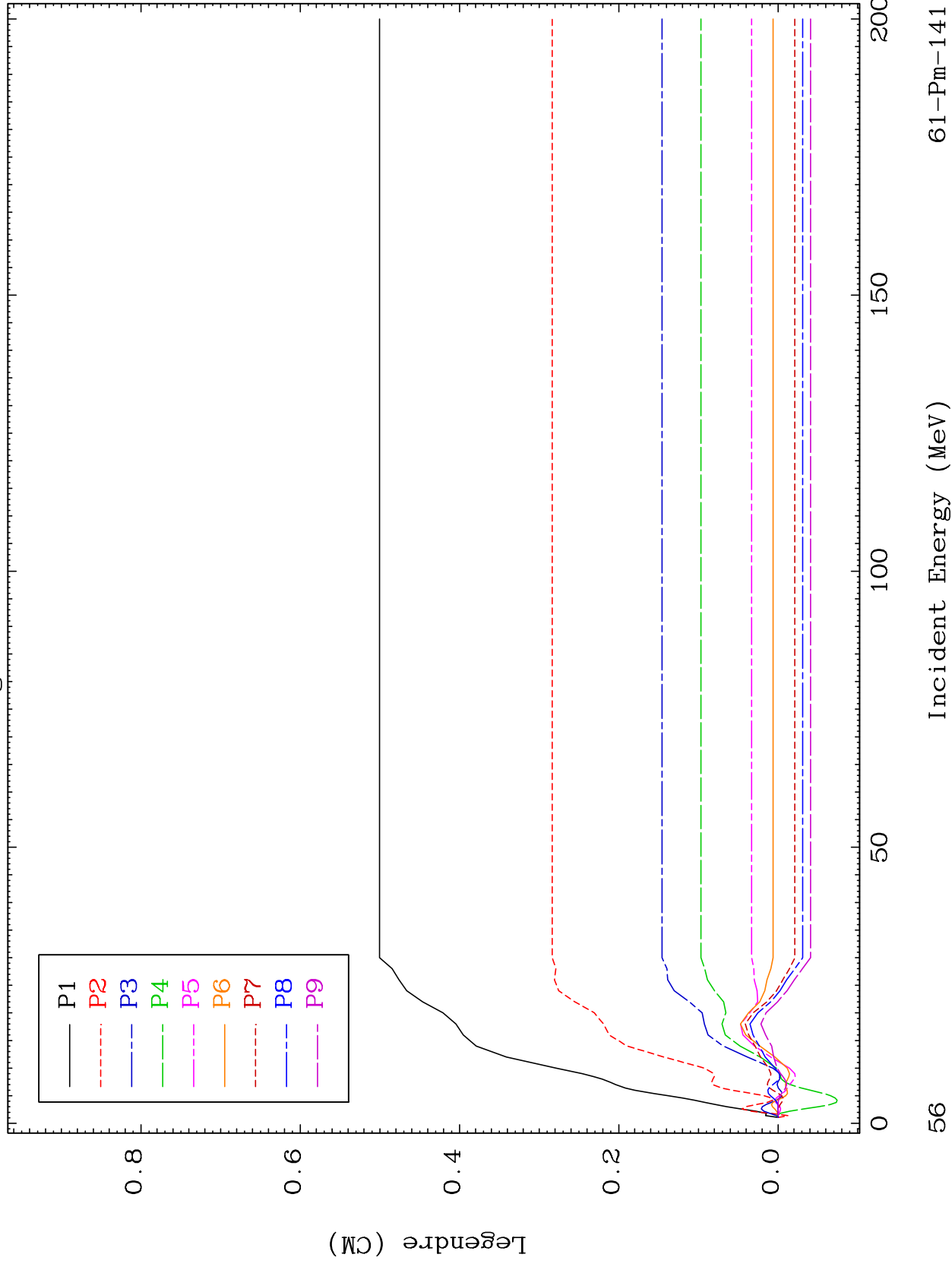




MAT 6131

1.046 MeV (n,n') Level  
Legendre Coefficients

61-Pm-141



61-Pm-141

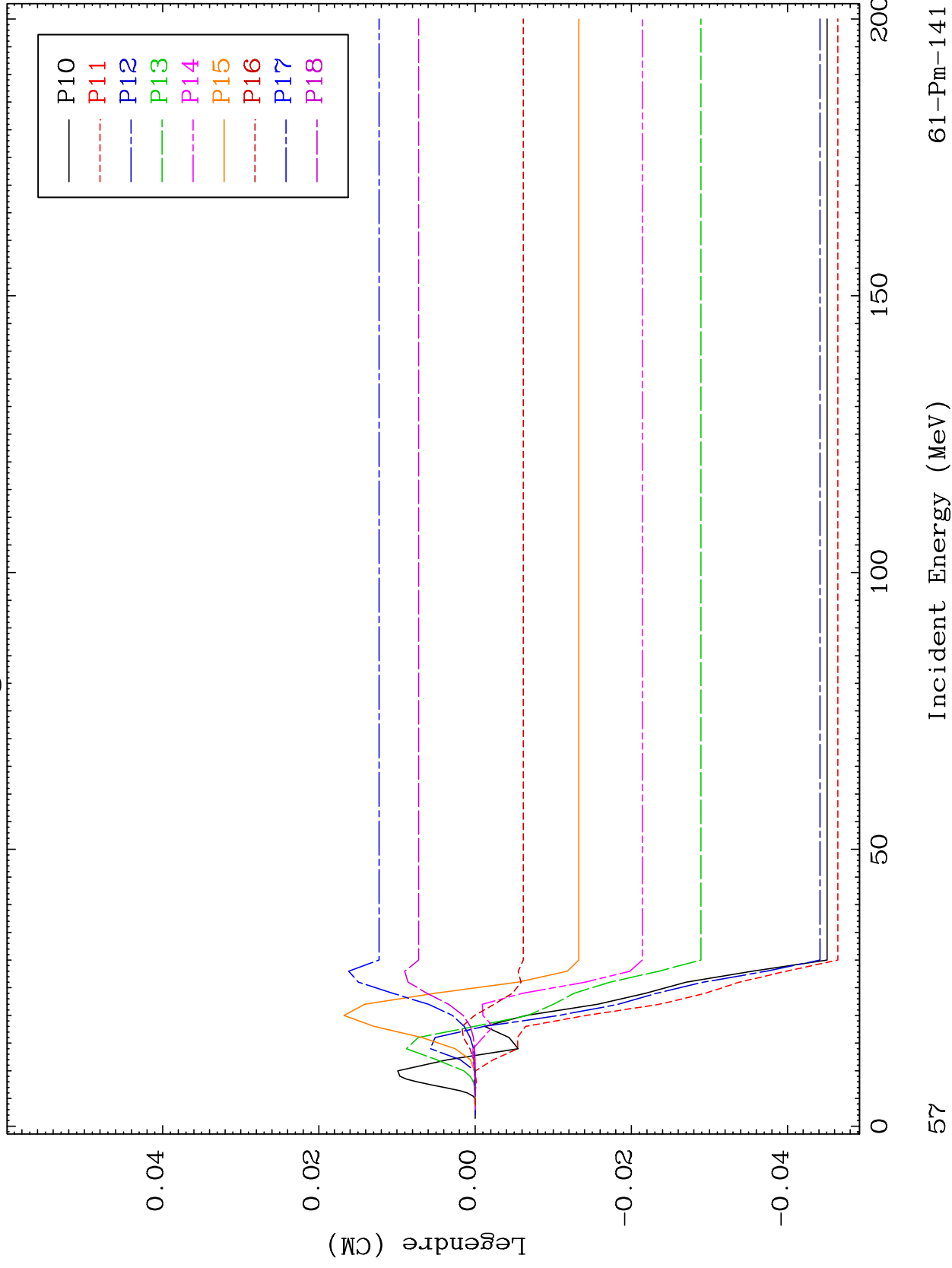
Incident Energy (MeV)

56

MAT 6131

1.046 MeV (n,n') Level  
Legendre Coefficients

61-Pm-141



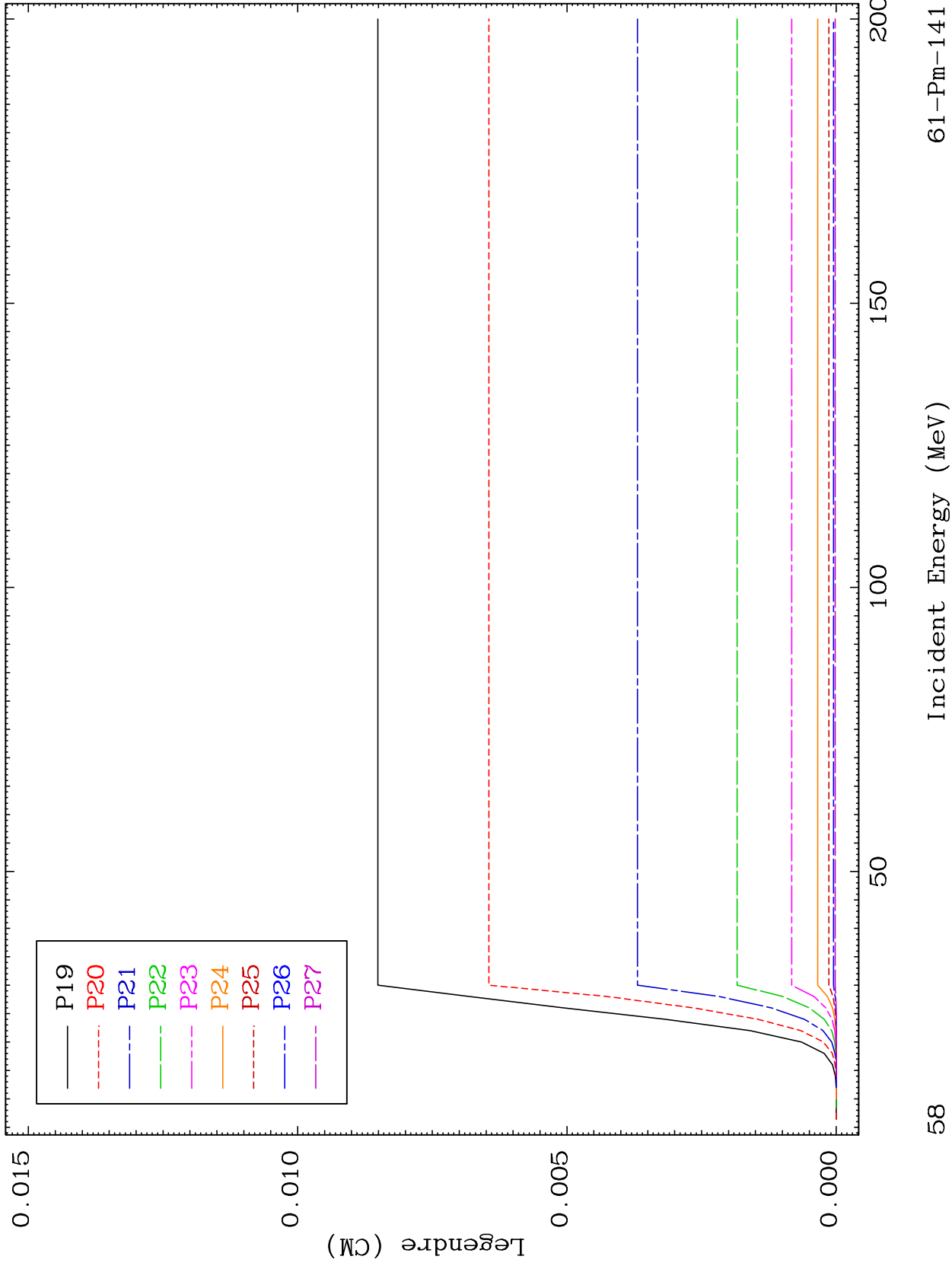
57

61-Pm-141

MAT 6131

1.046 MeV (n,n') Level  
Legendre Coefficients

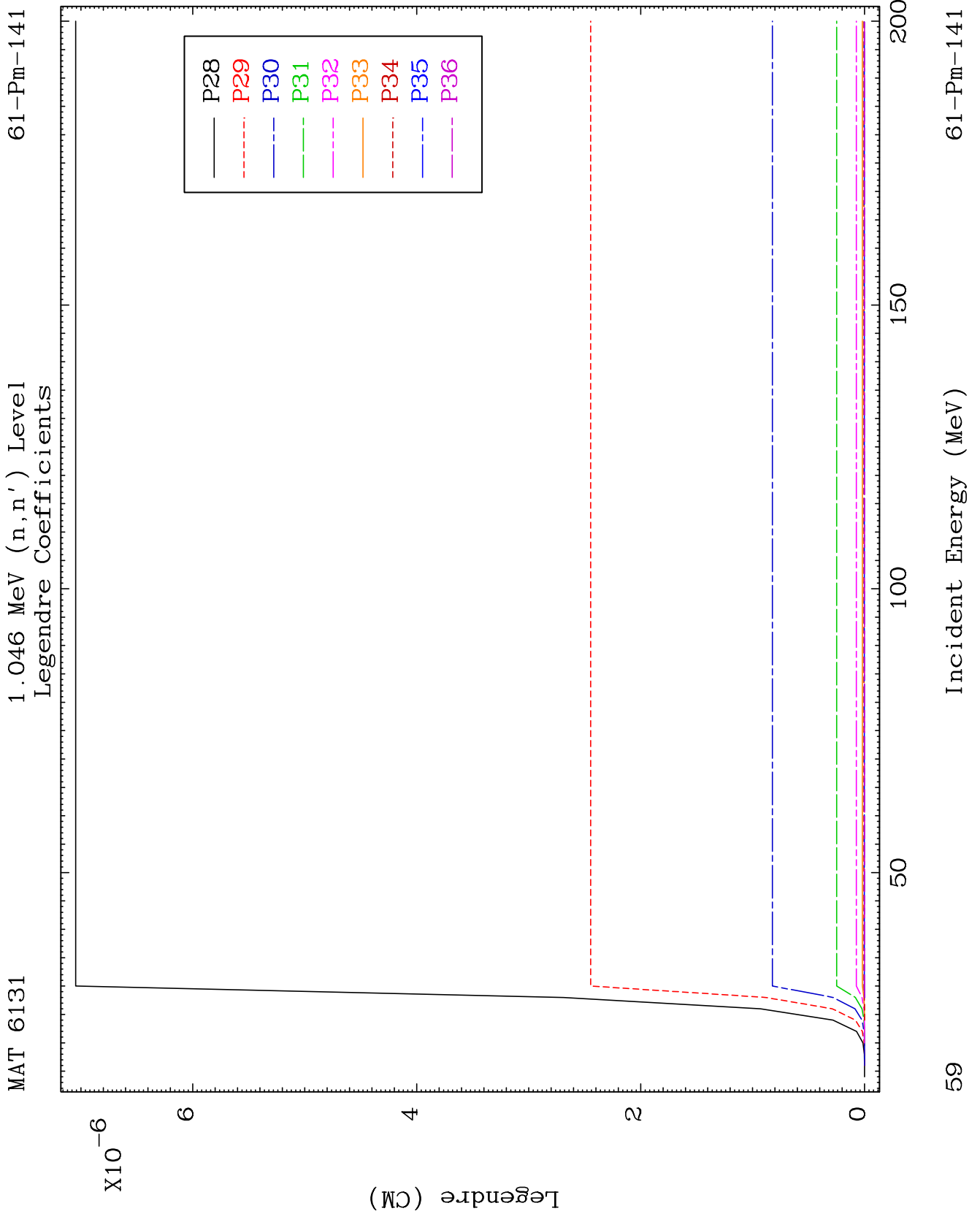
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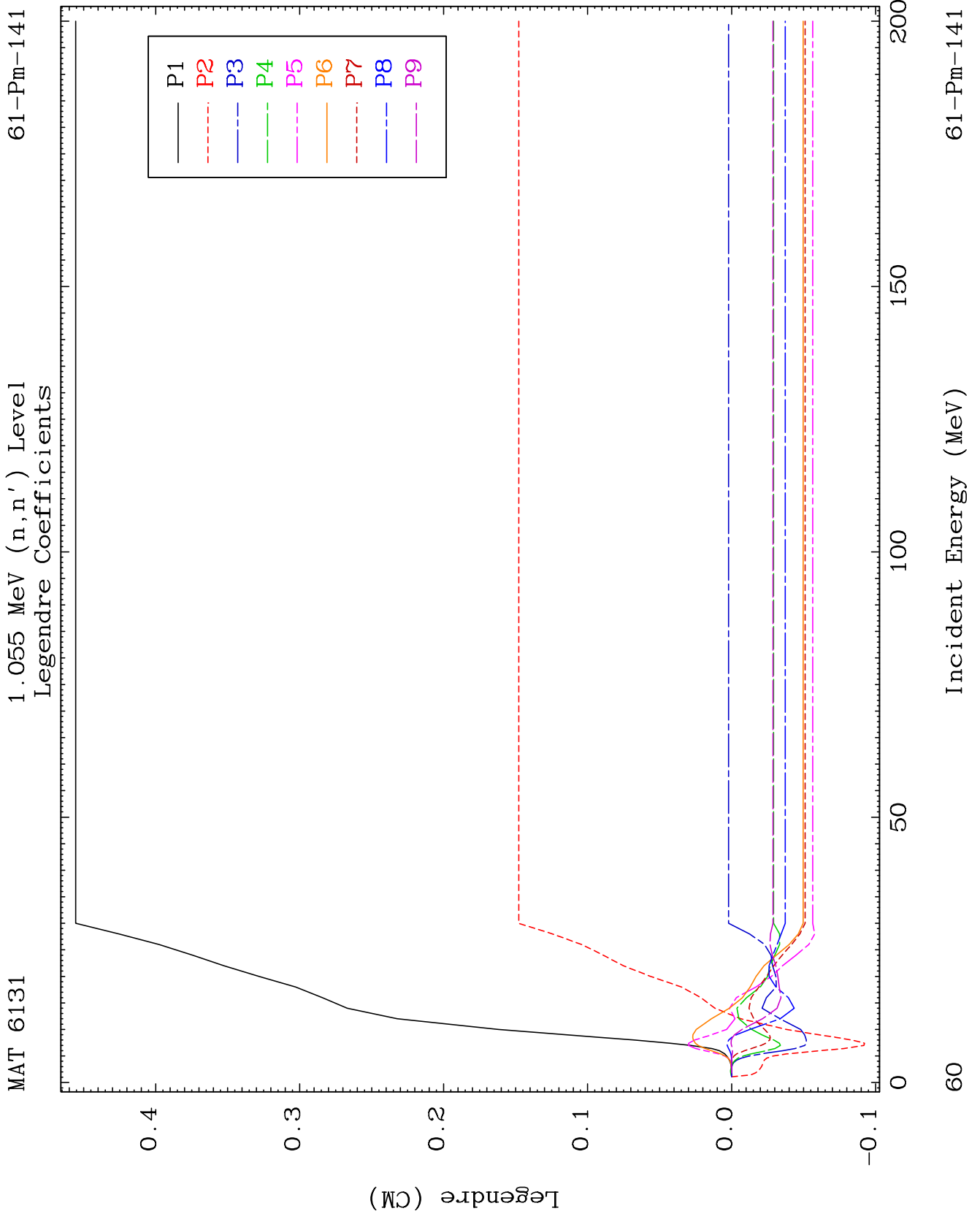


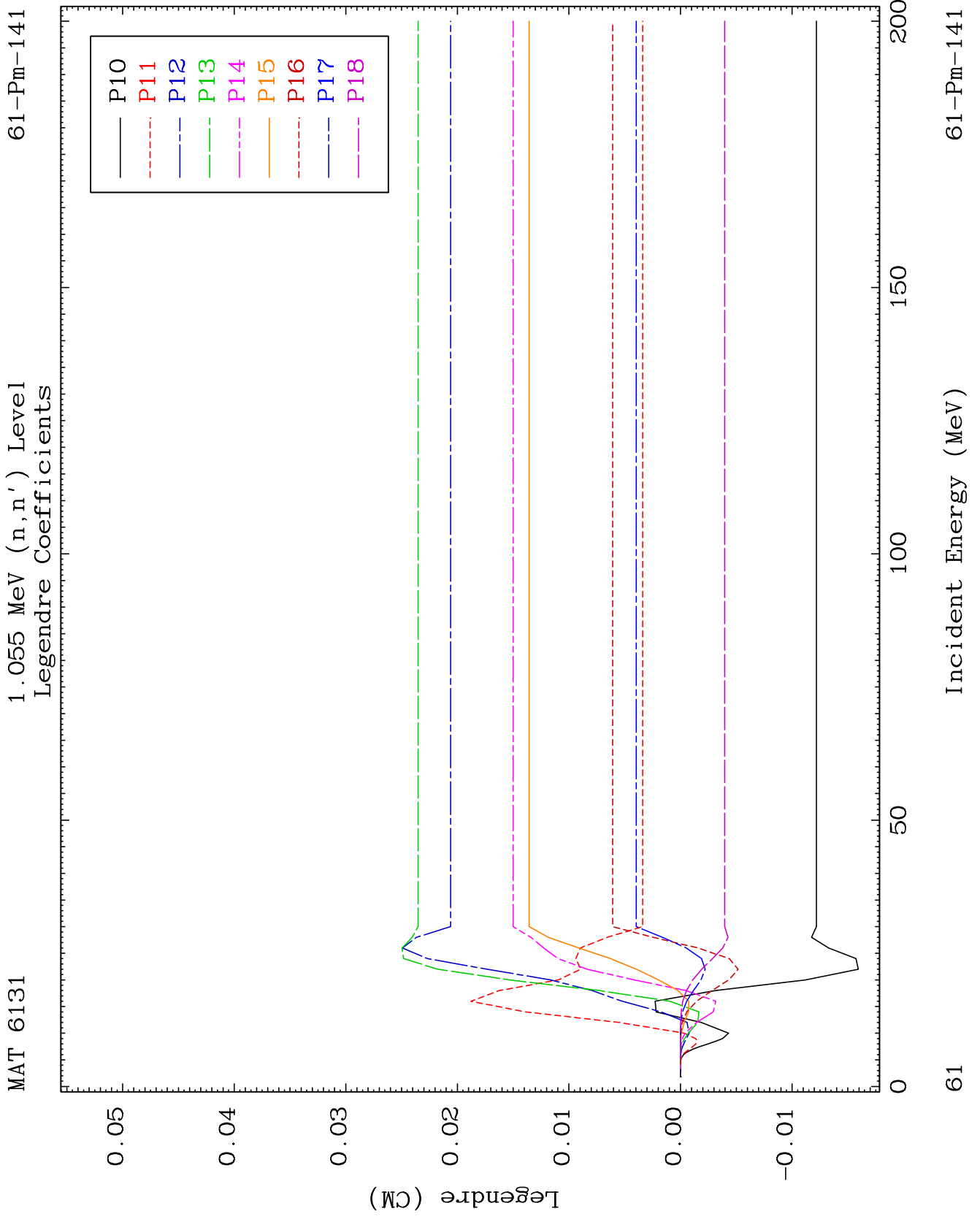
61-Pm-141

Incident Energy (MeV)

58



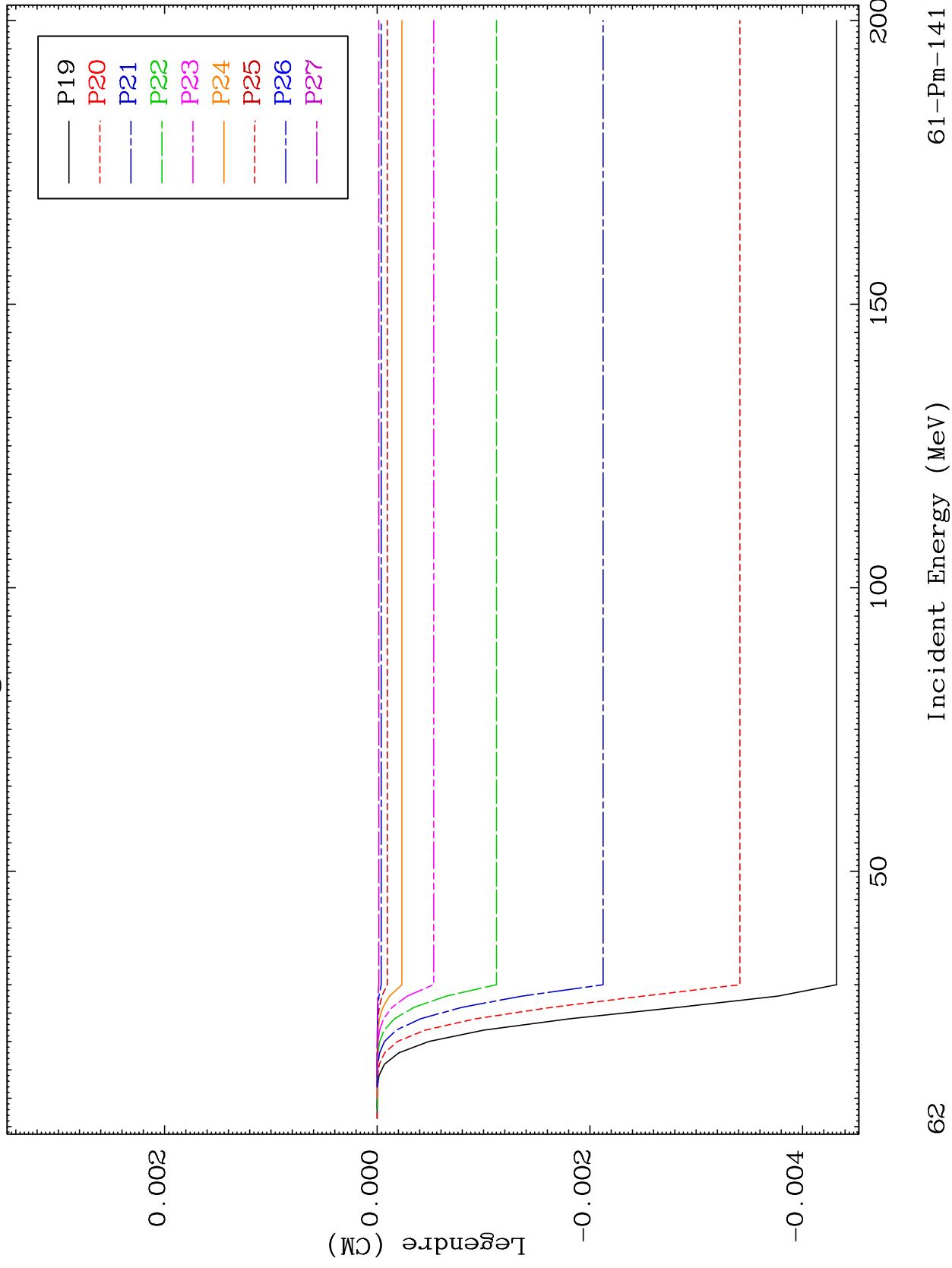




MAT 6131

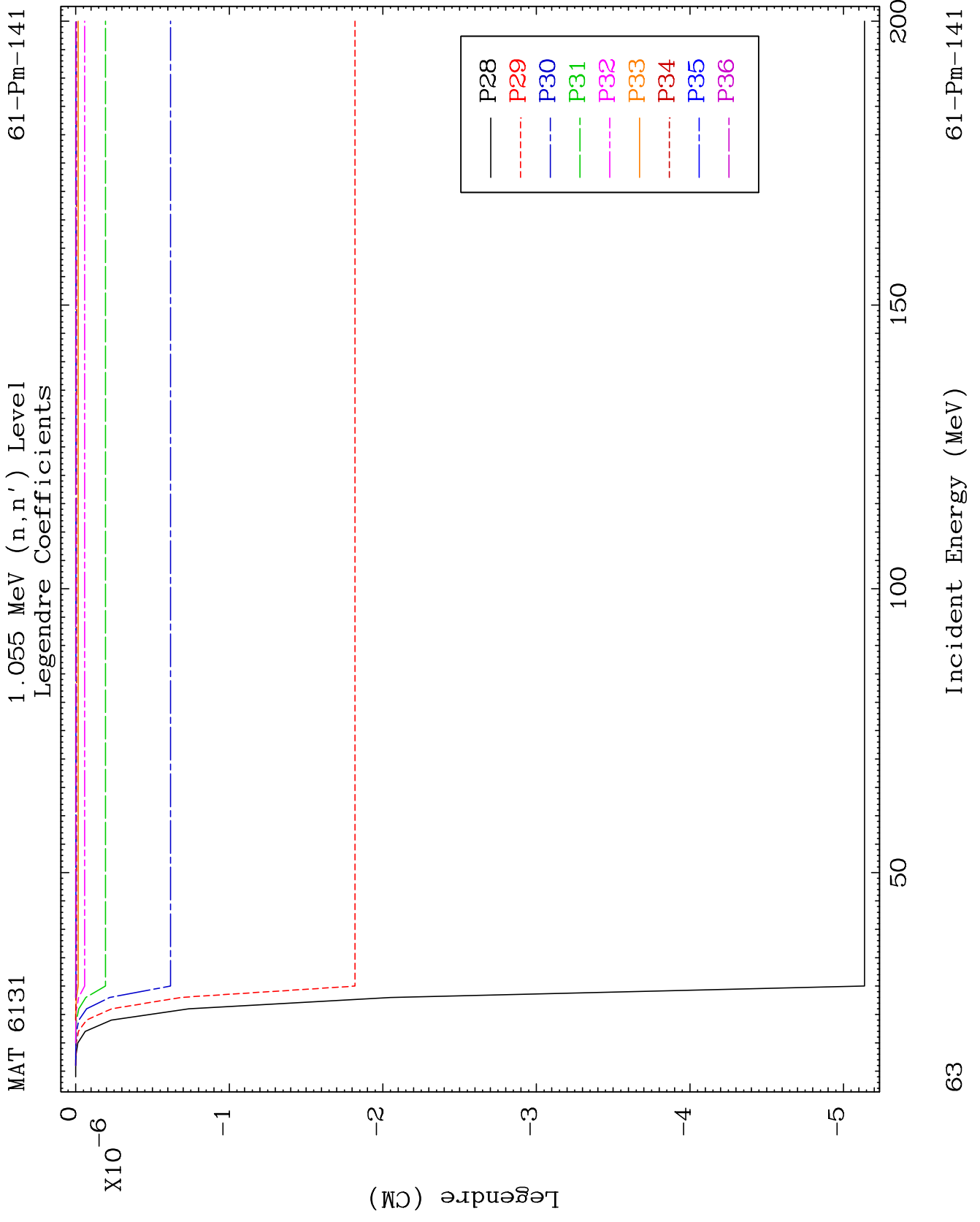
1.055 MeV (n,n') Level  
Legendre Coefficients

61-Pm-141



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61-Pm-141



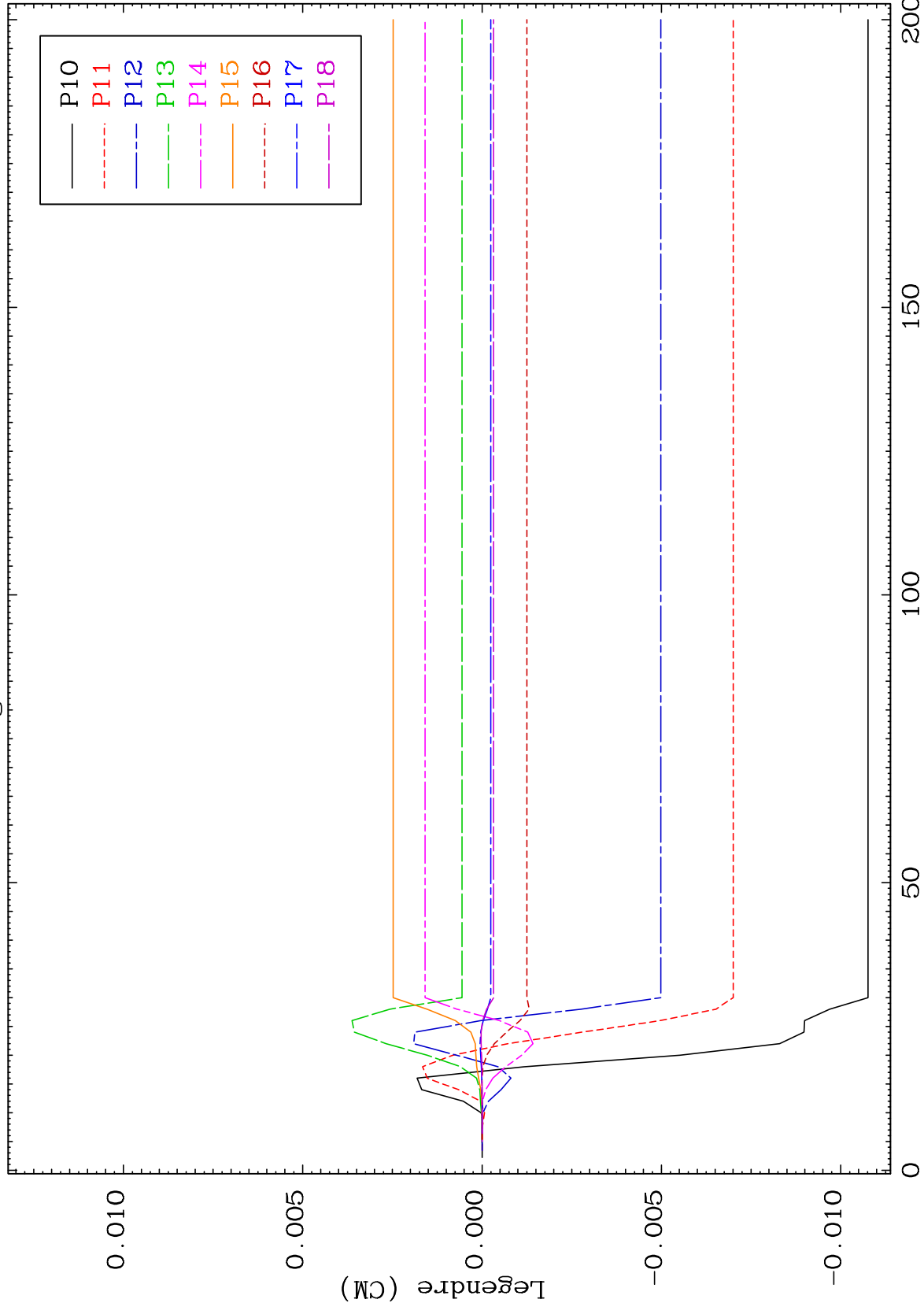




MAT 6131

1.108 MeV (n,n') Level  
Legendre Coefficients

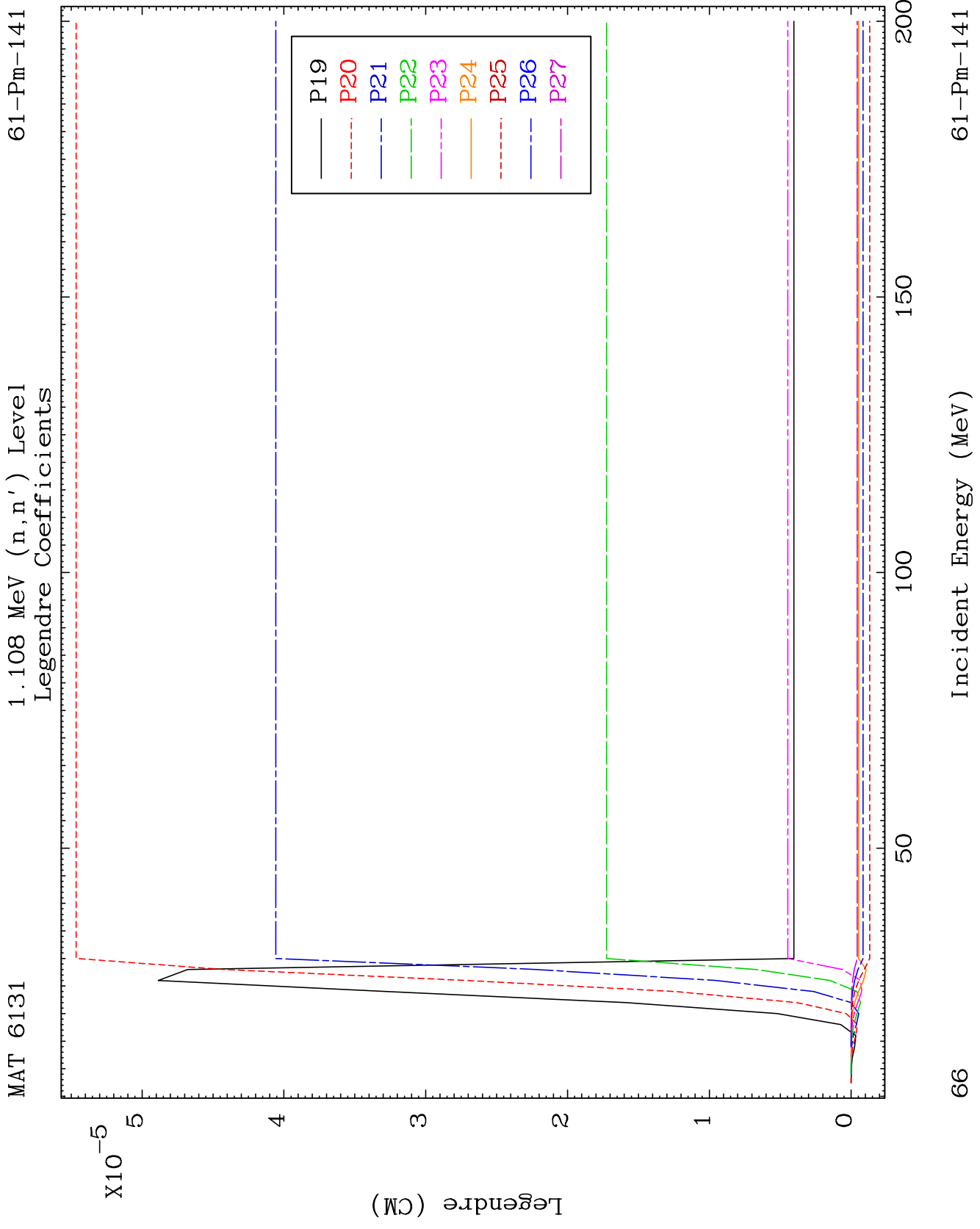
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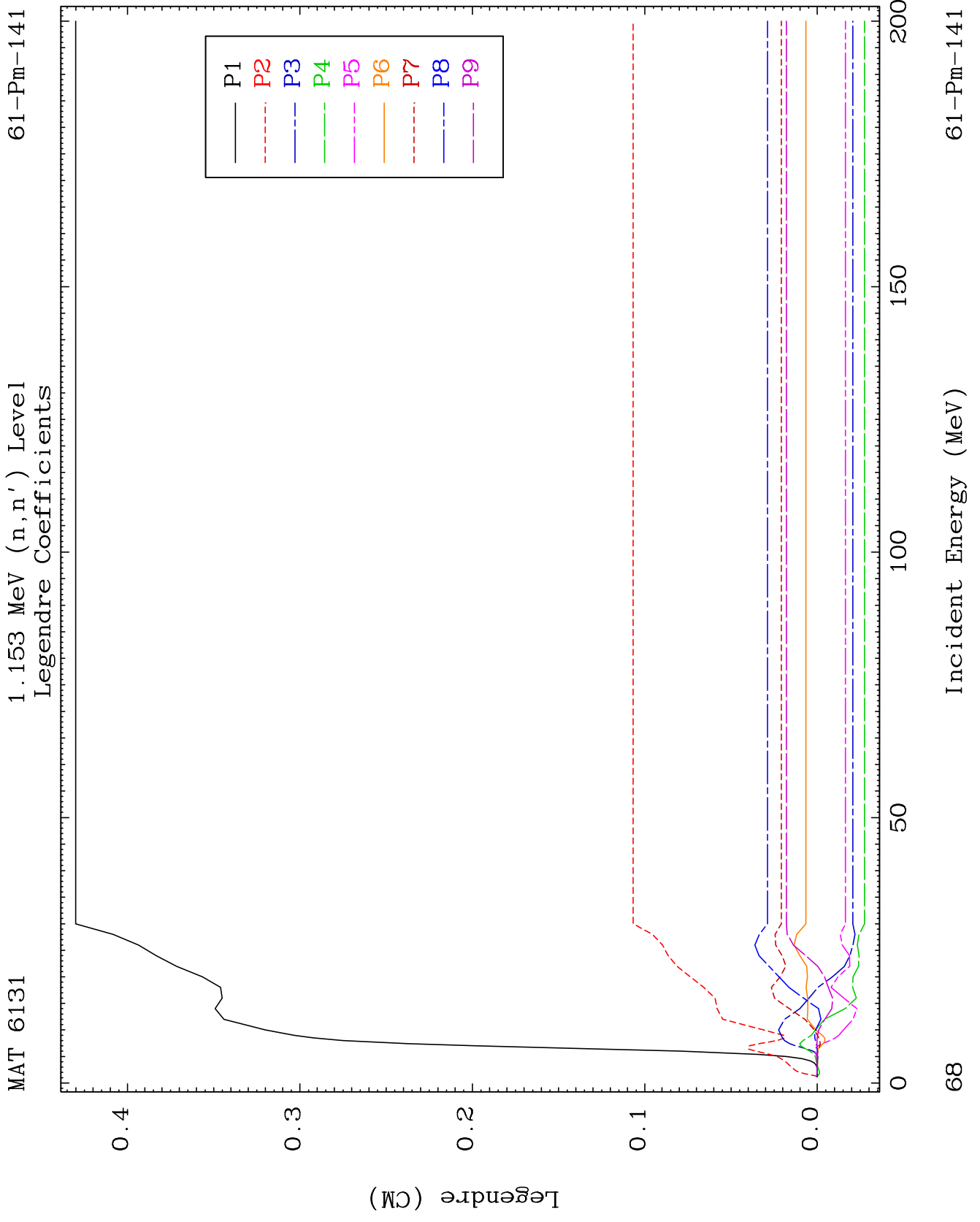
65

Incident Energy (MeV)

61-Pm-141



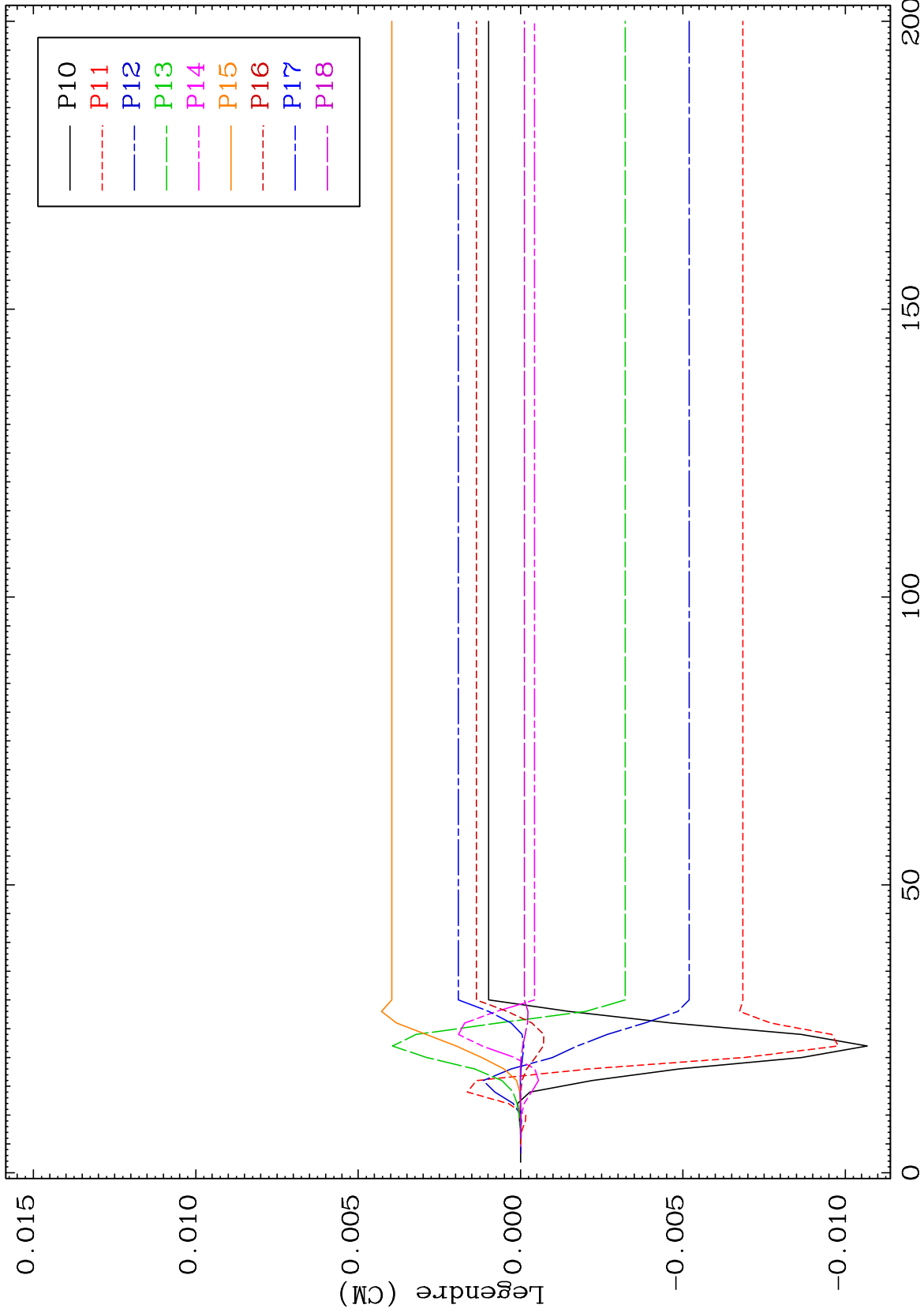




MAT 6131

1.153 MeV (n,n') Level  
Legendre Coefficients

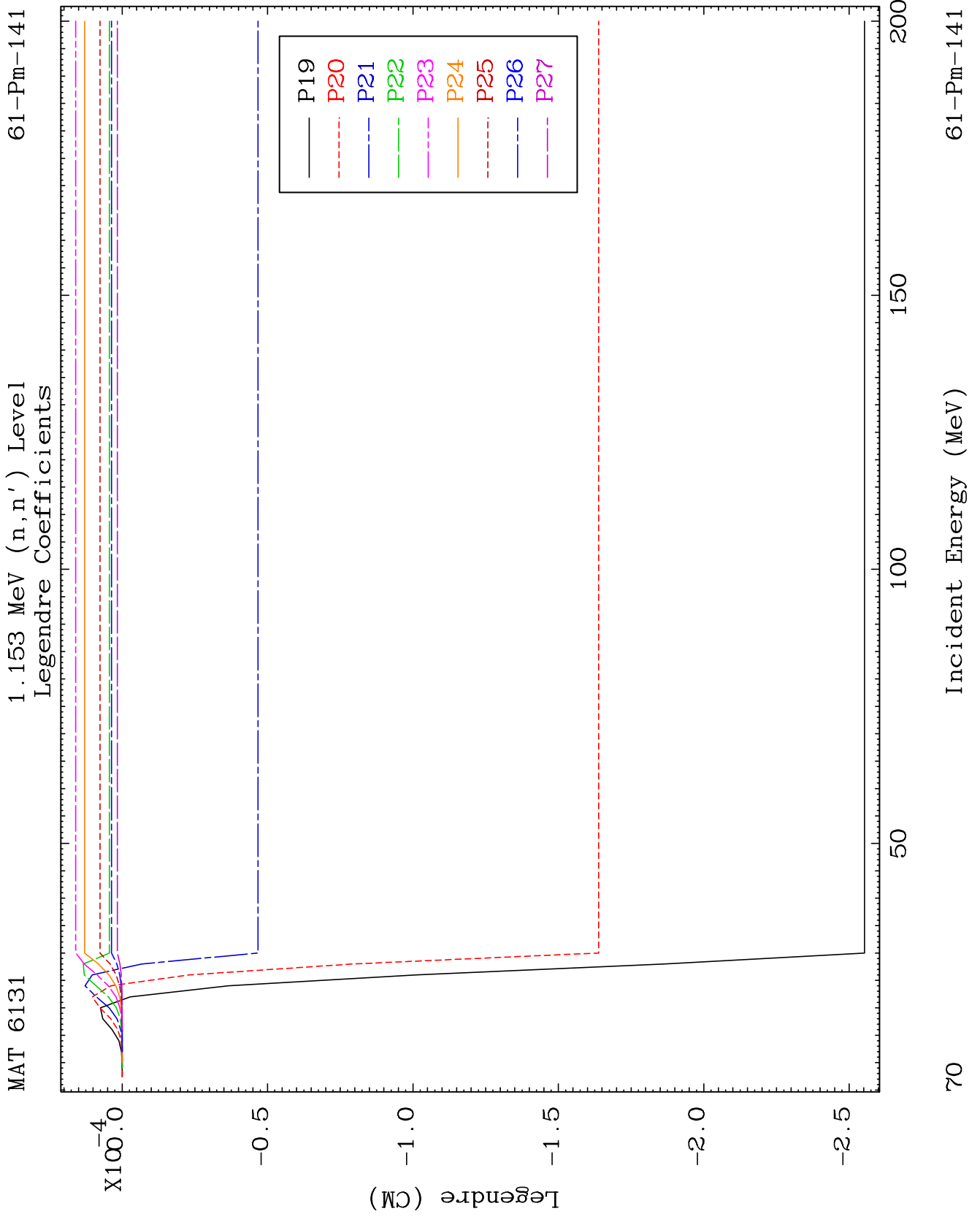
61-Pm-141



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61-Pm-141

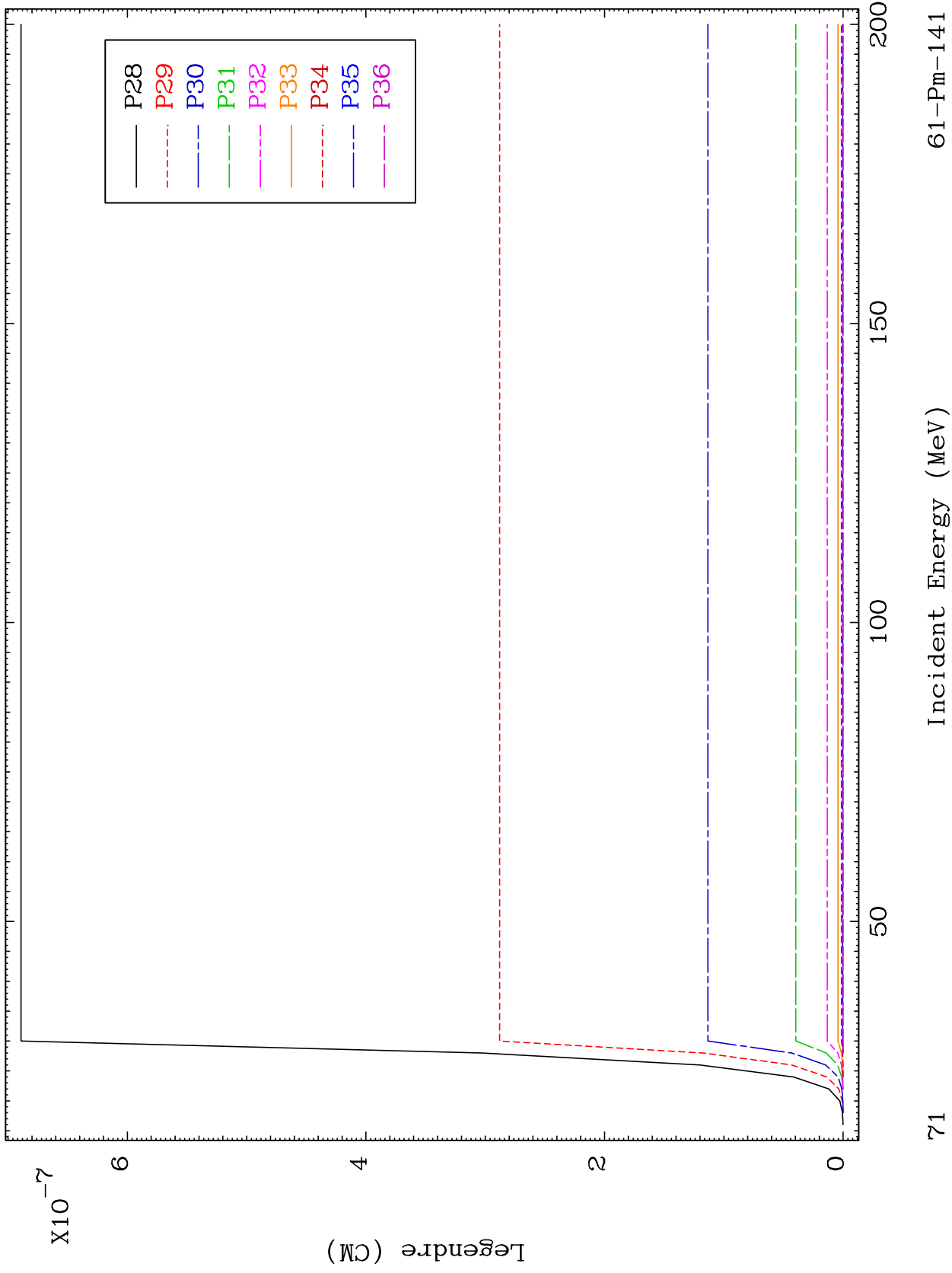
61-Pm-141



MAT 6131

1.153 MeV (n,n') Level  
Legendre Coefficients

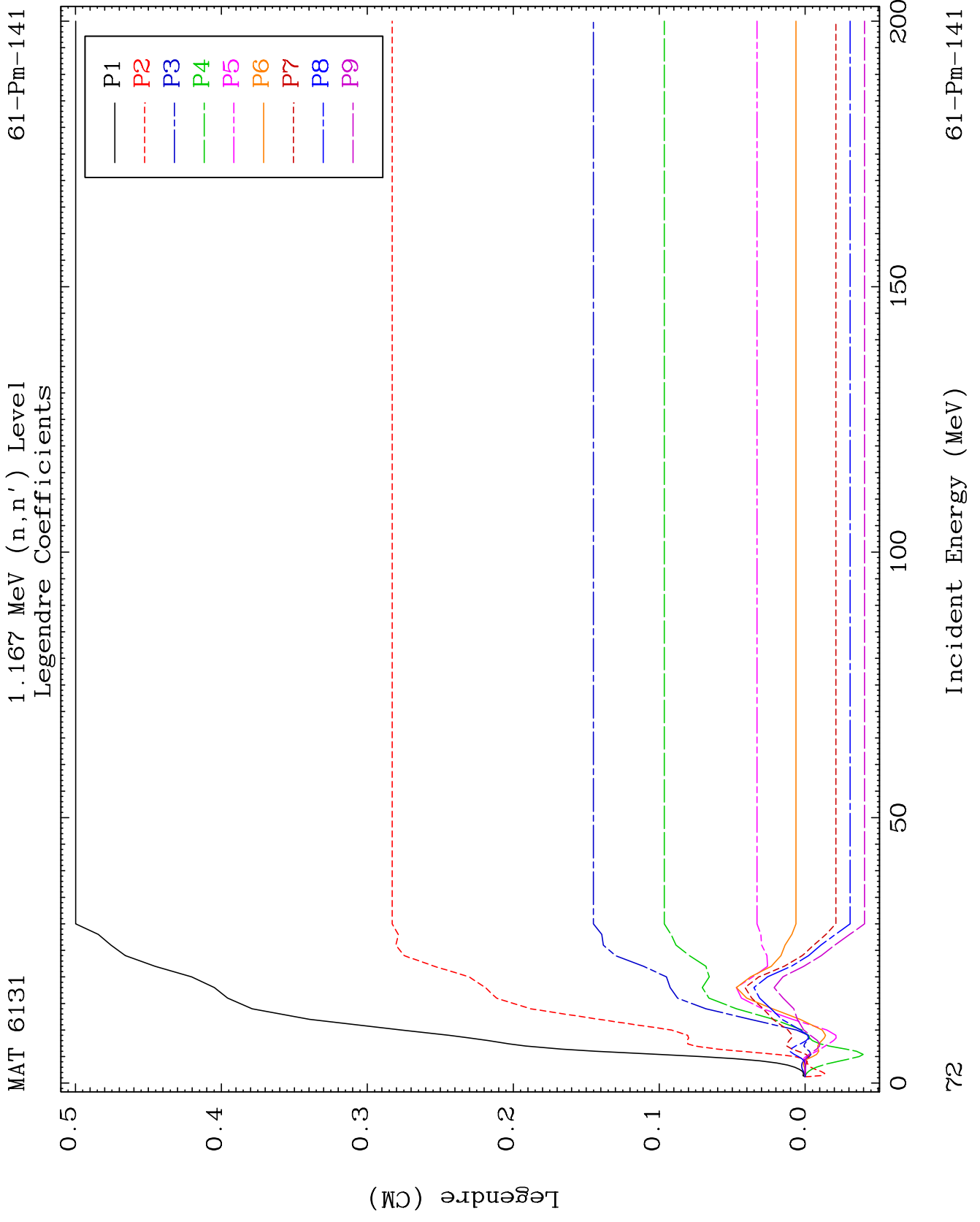
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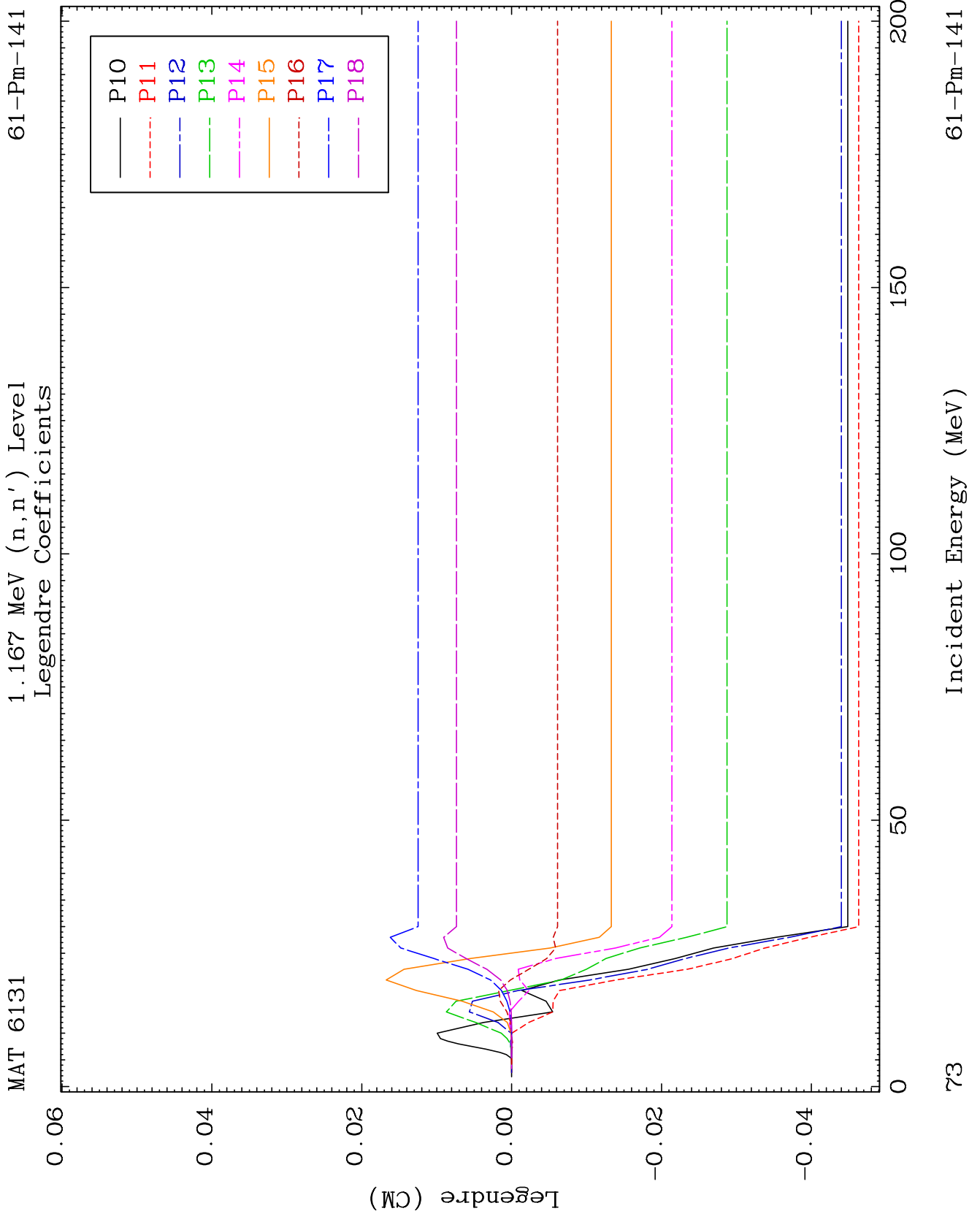


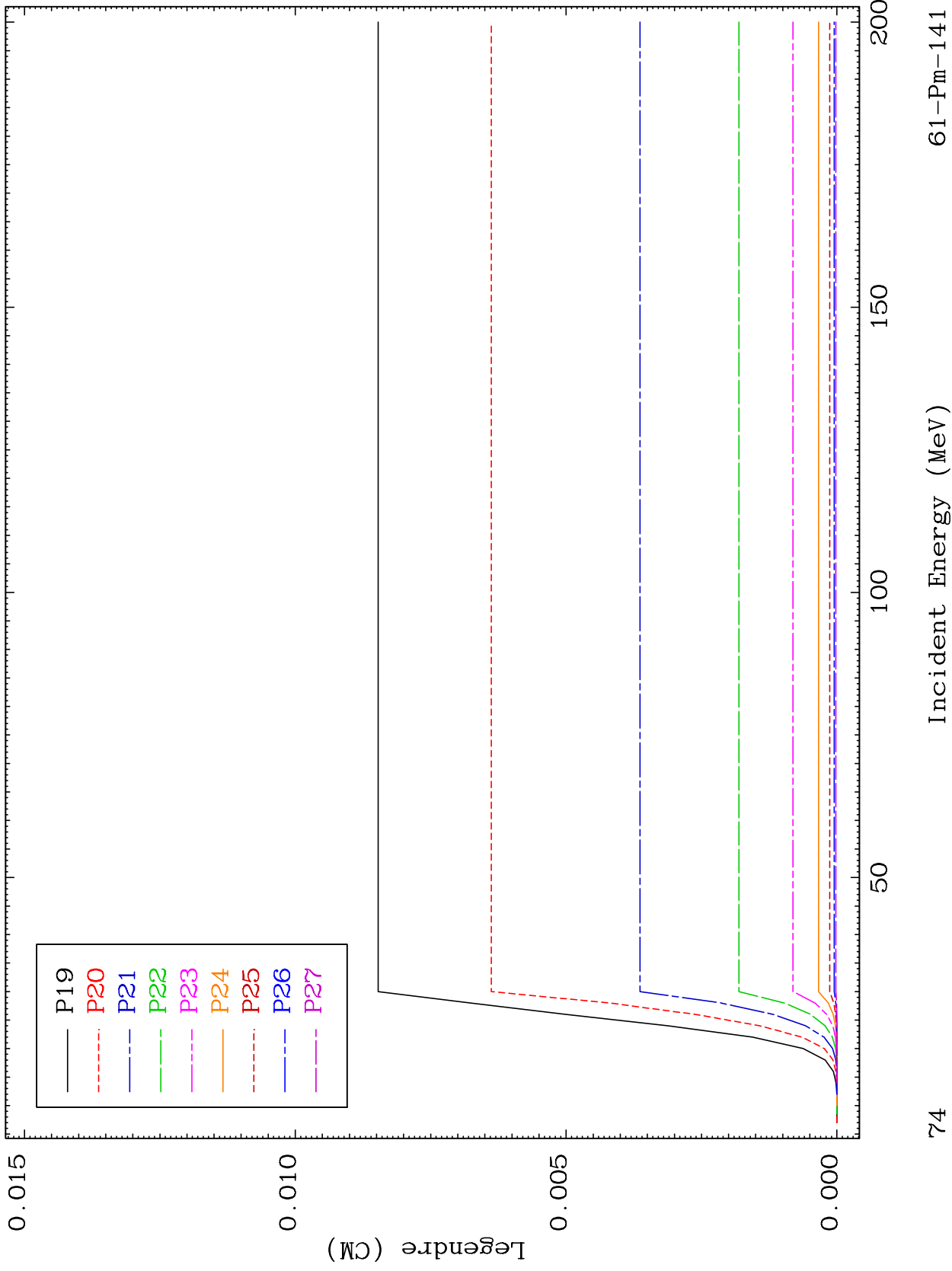
71

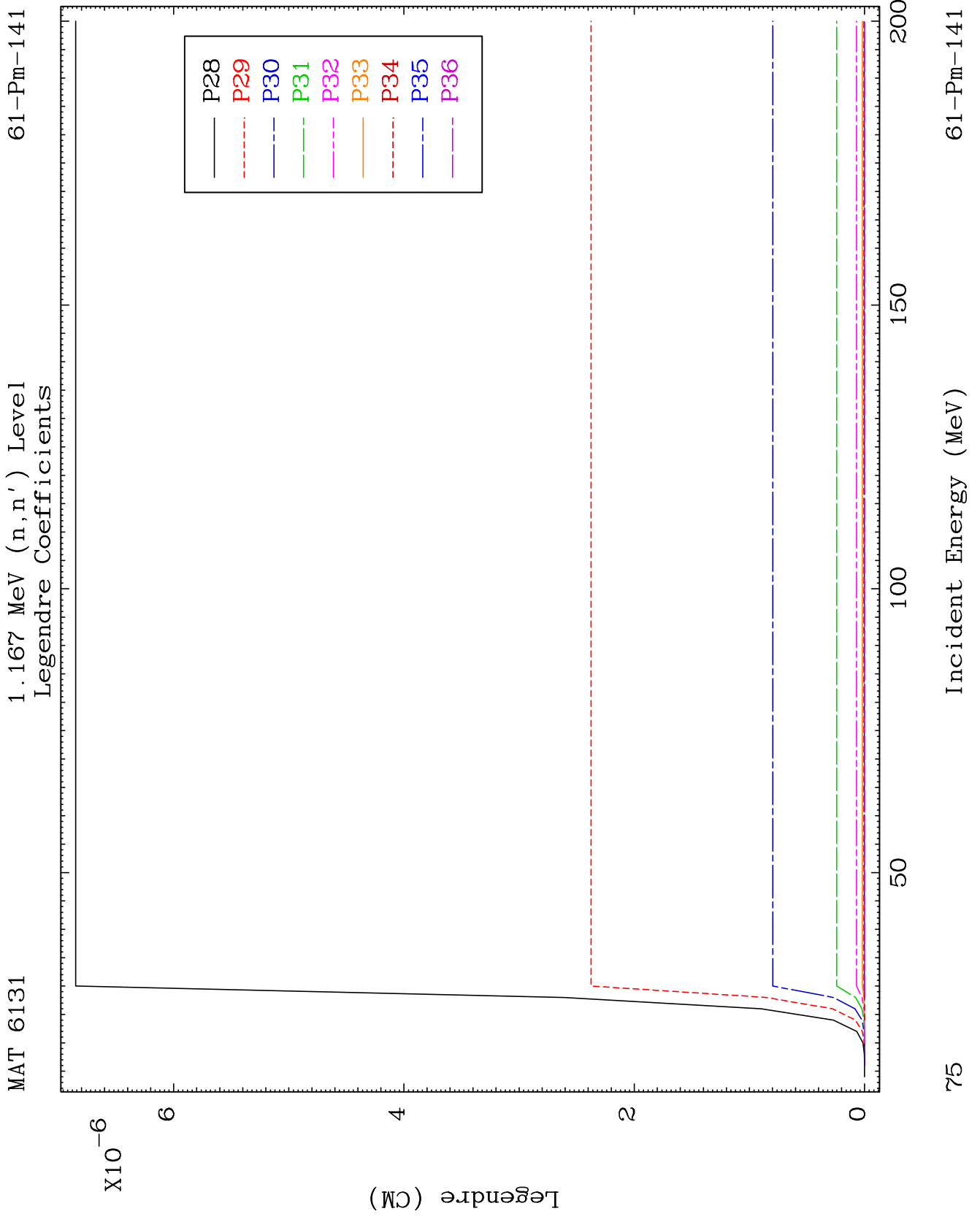
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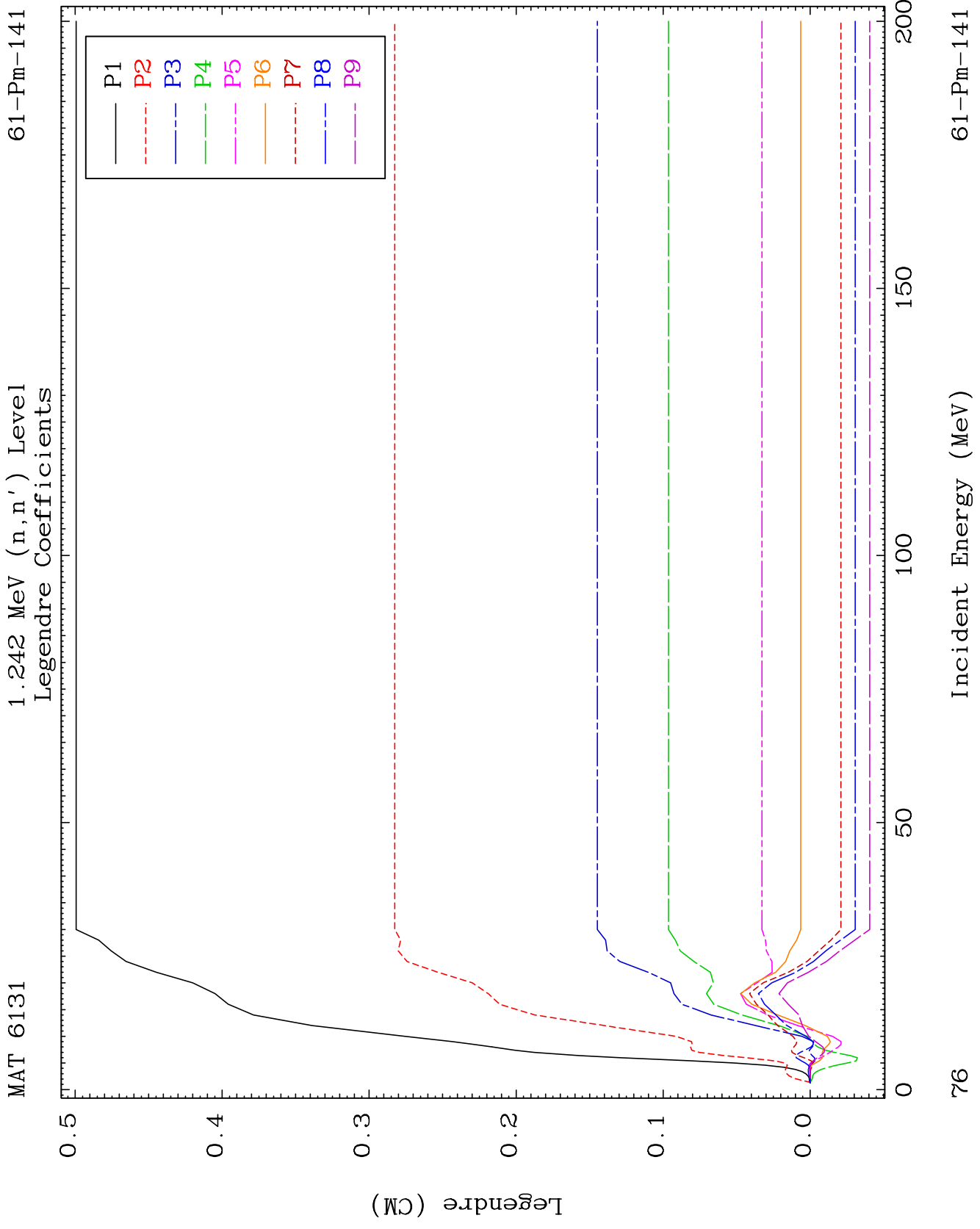


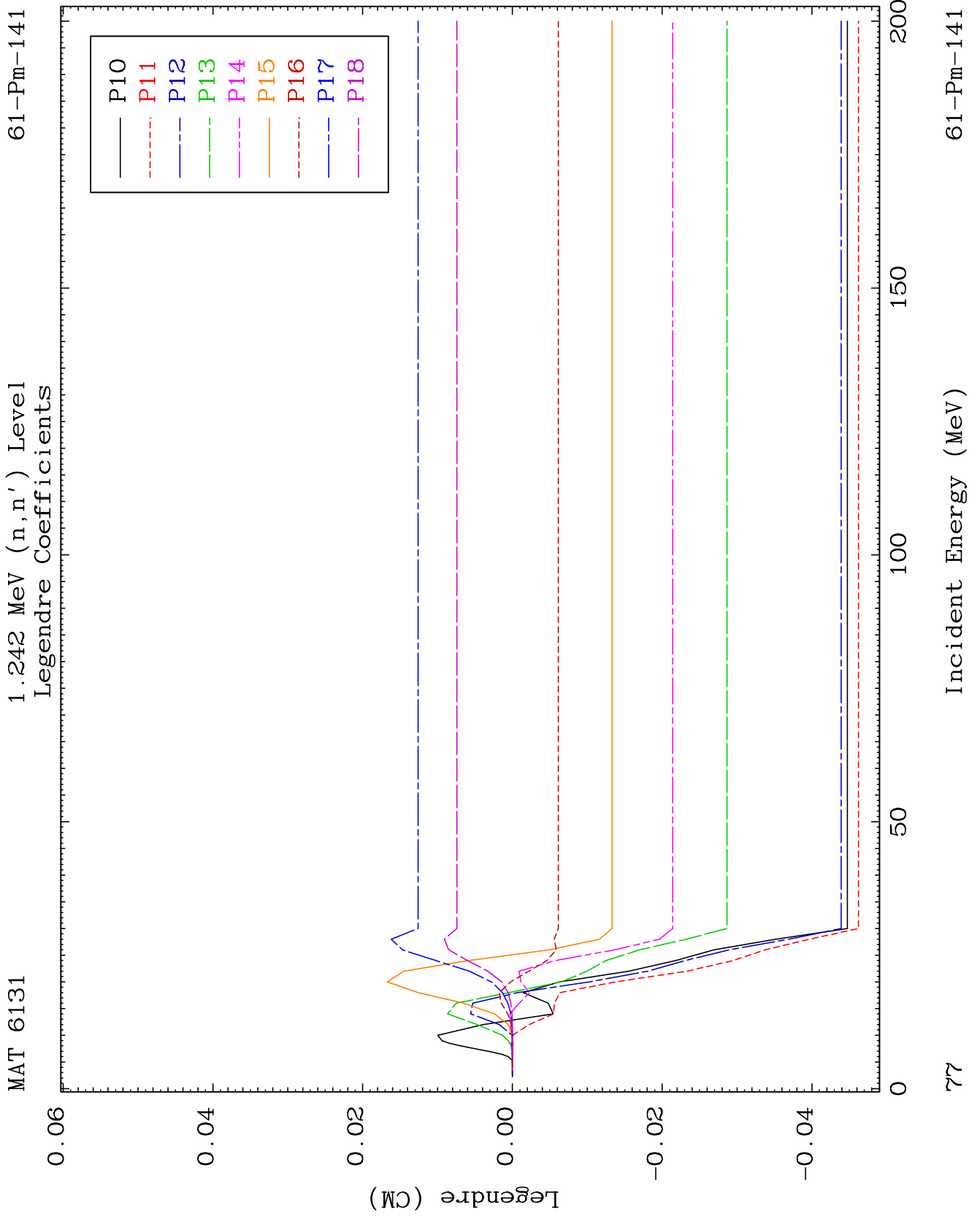








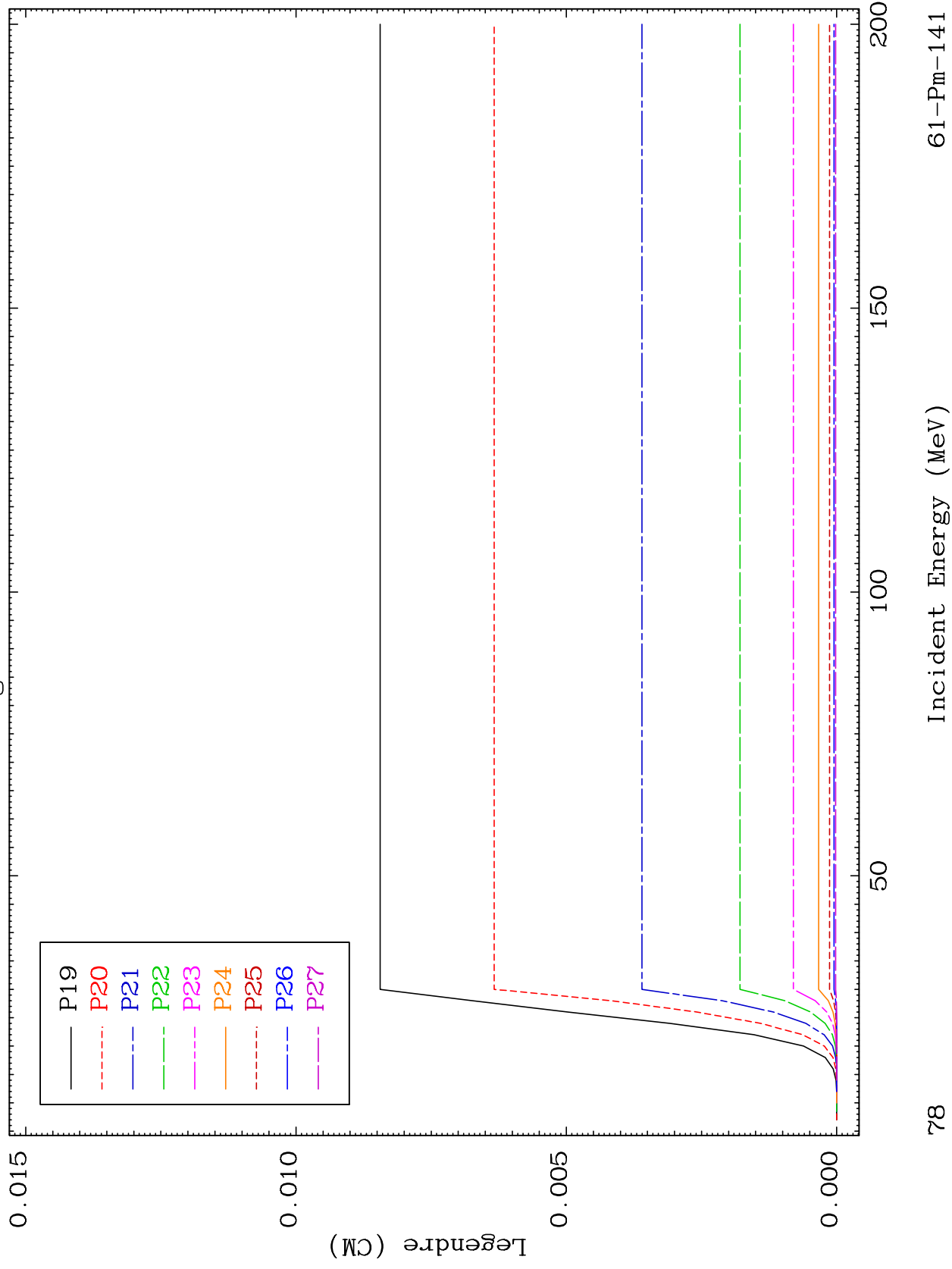




MAT 6131

1.242 MeV (n,n') Level  
Legendre Coefficients

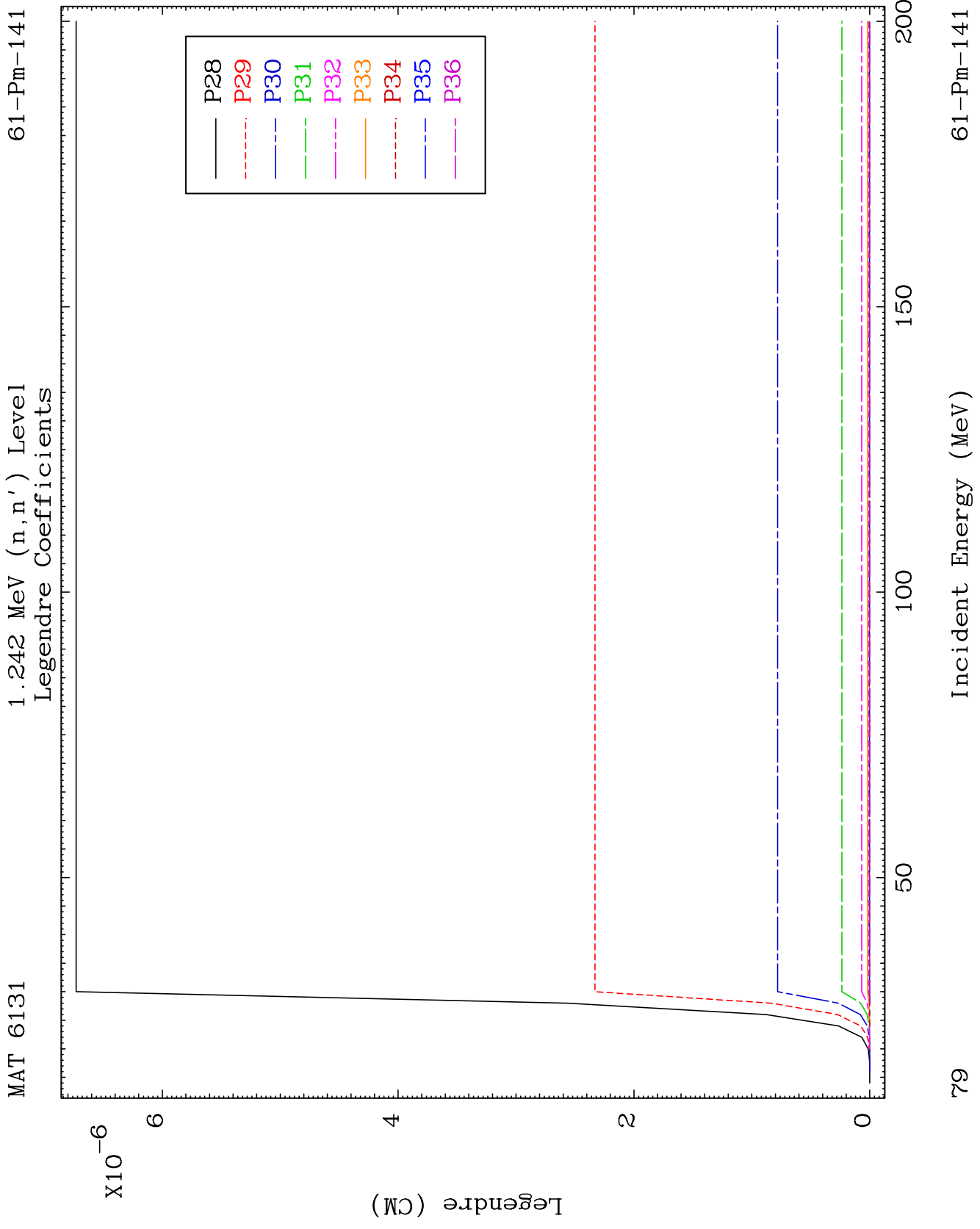
61-Pm-141



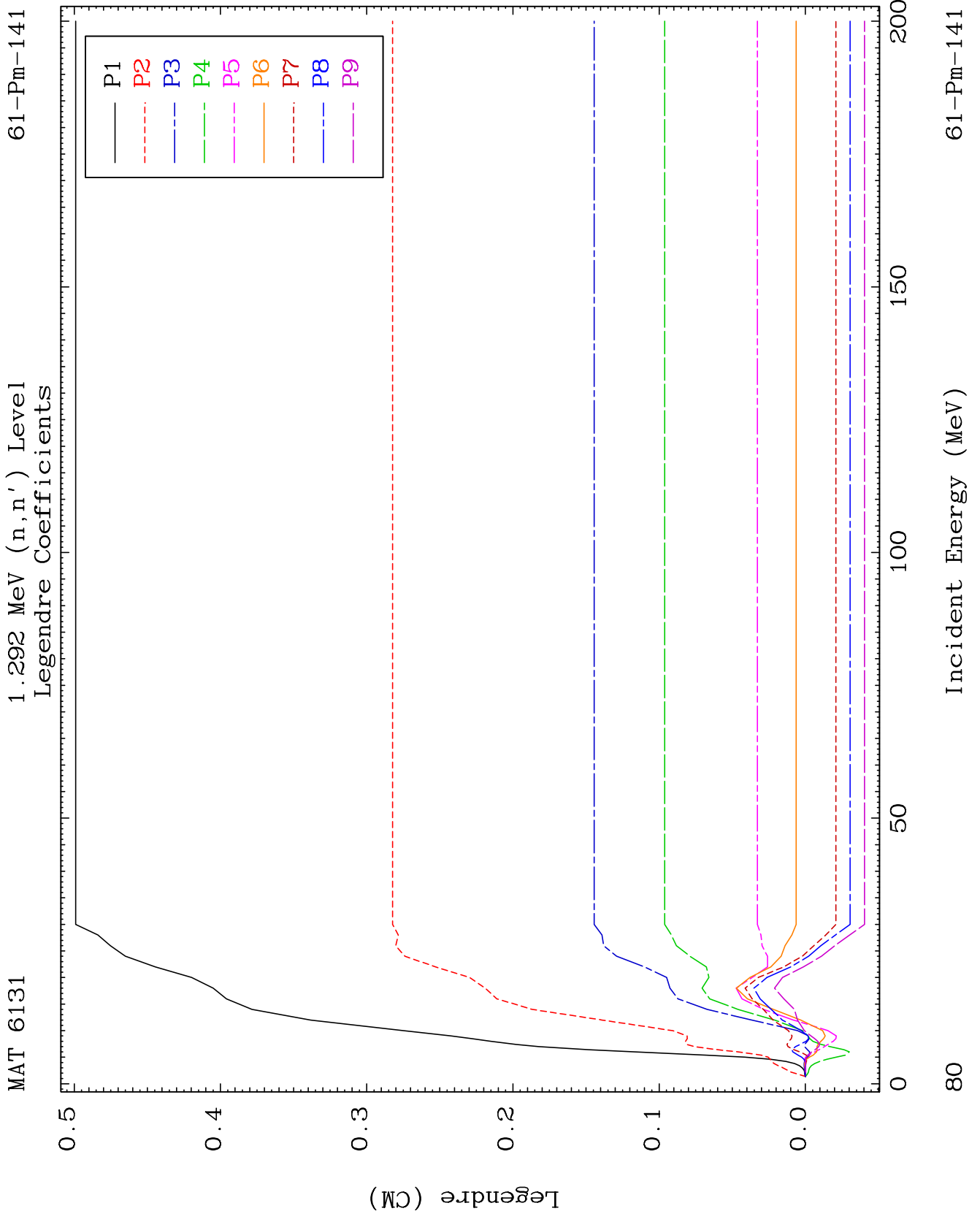
78

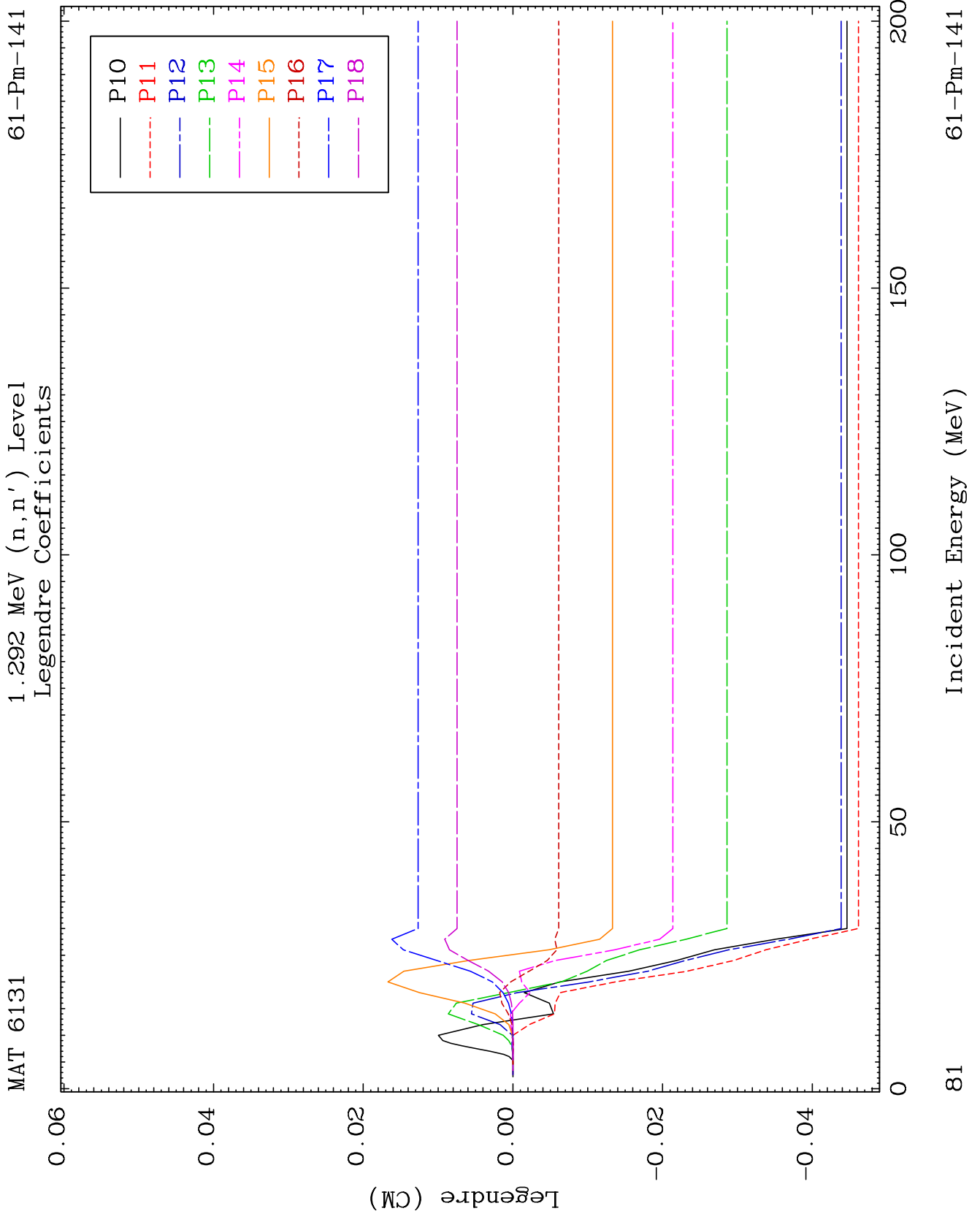
Incident Energy (MeV)

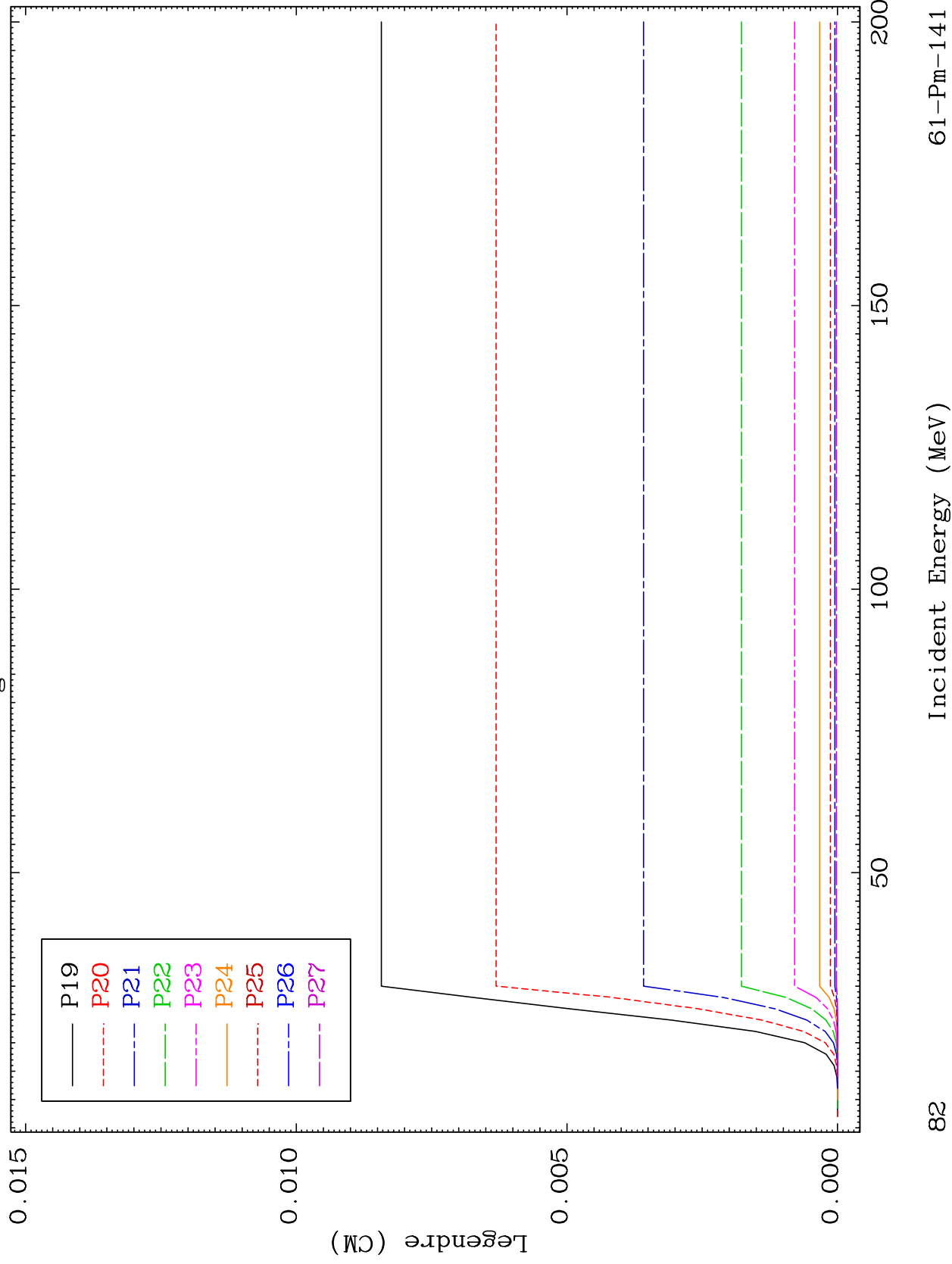
61-Pm-141

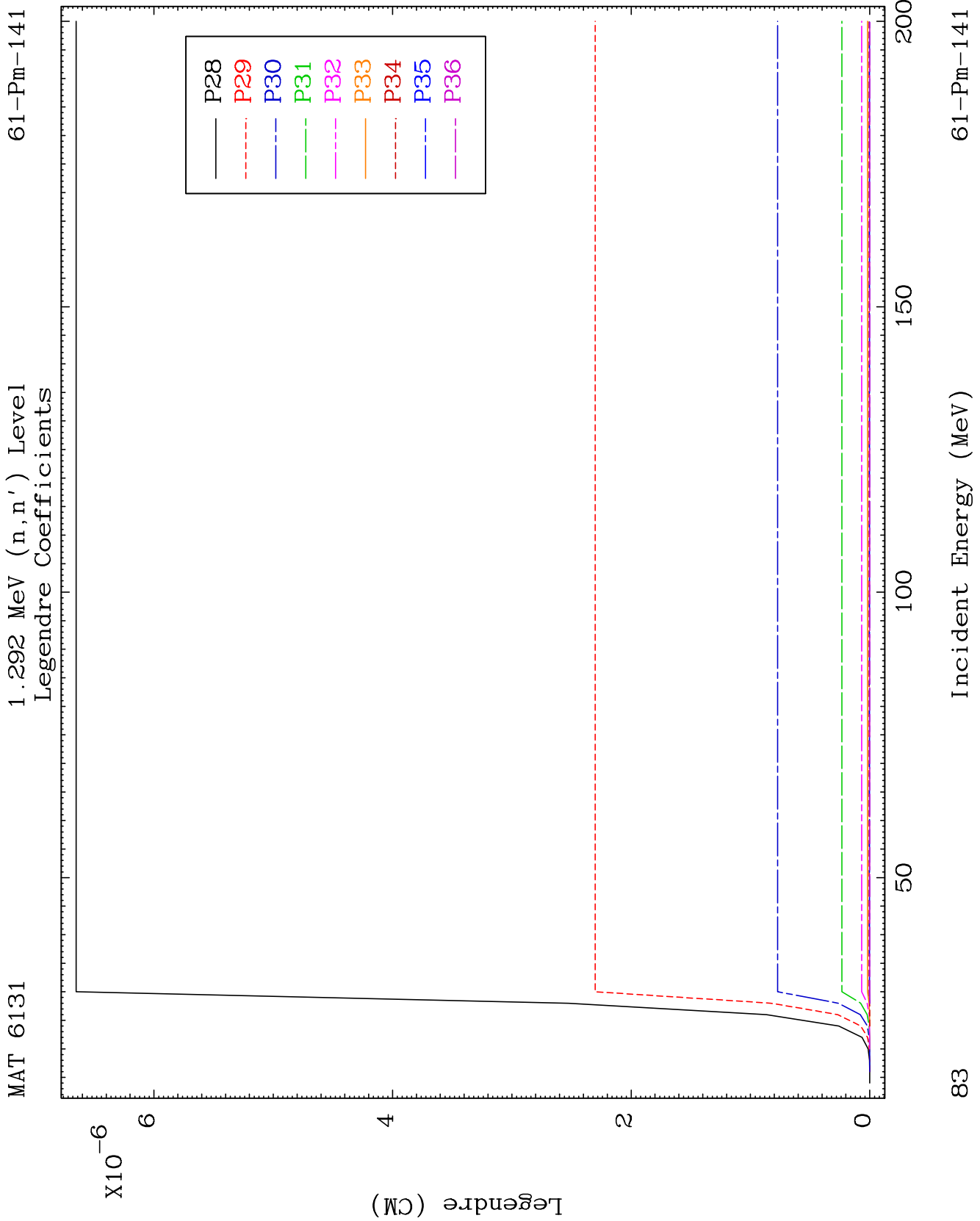


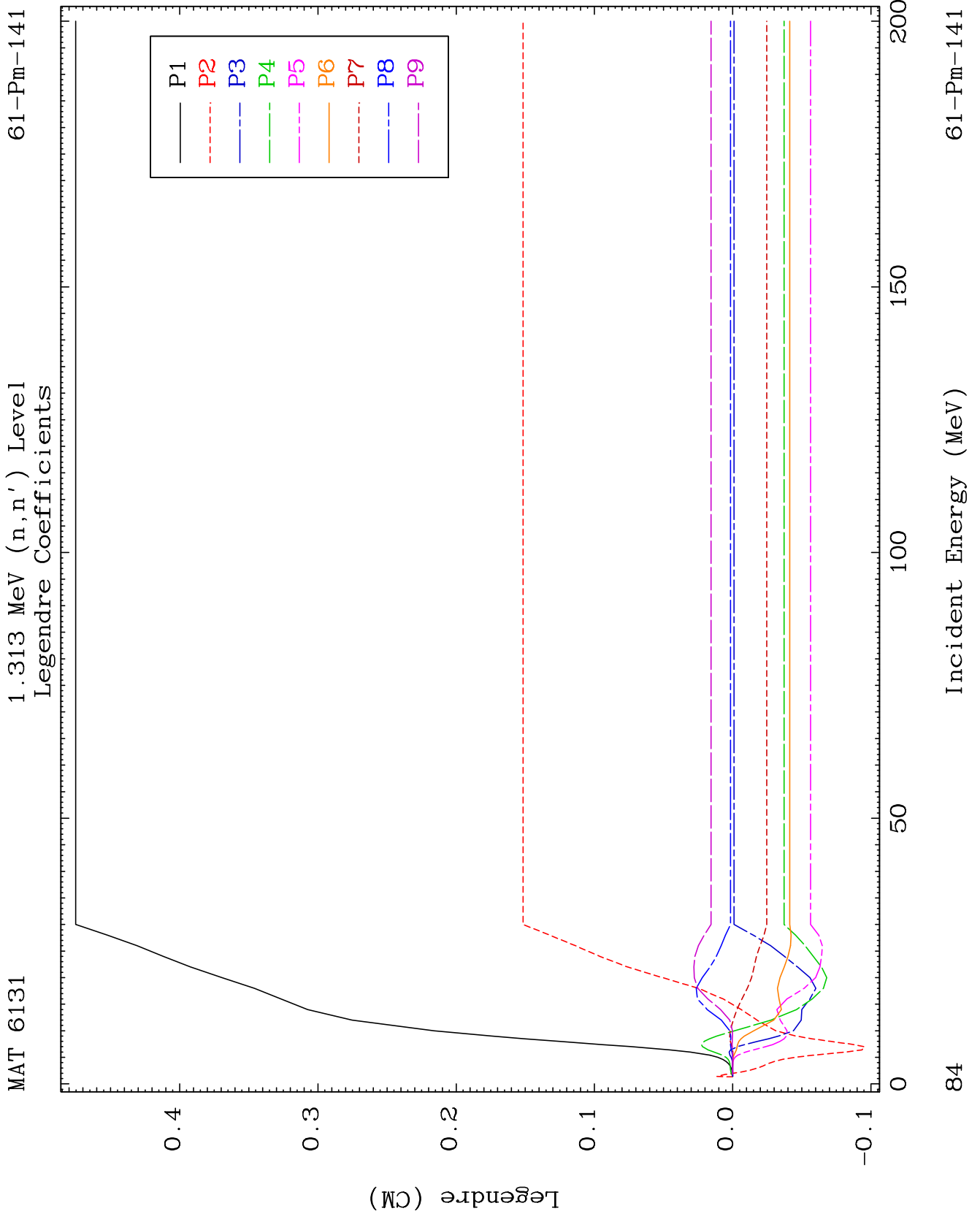


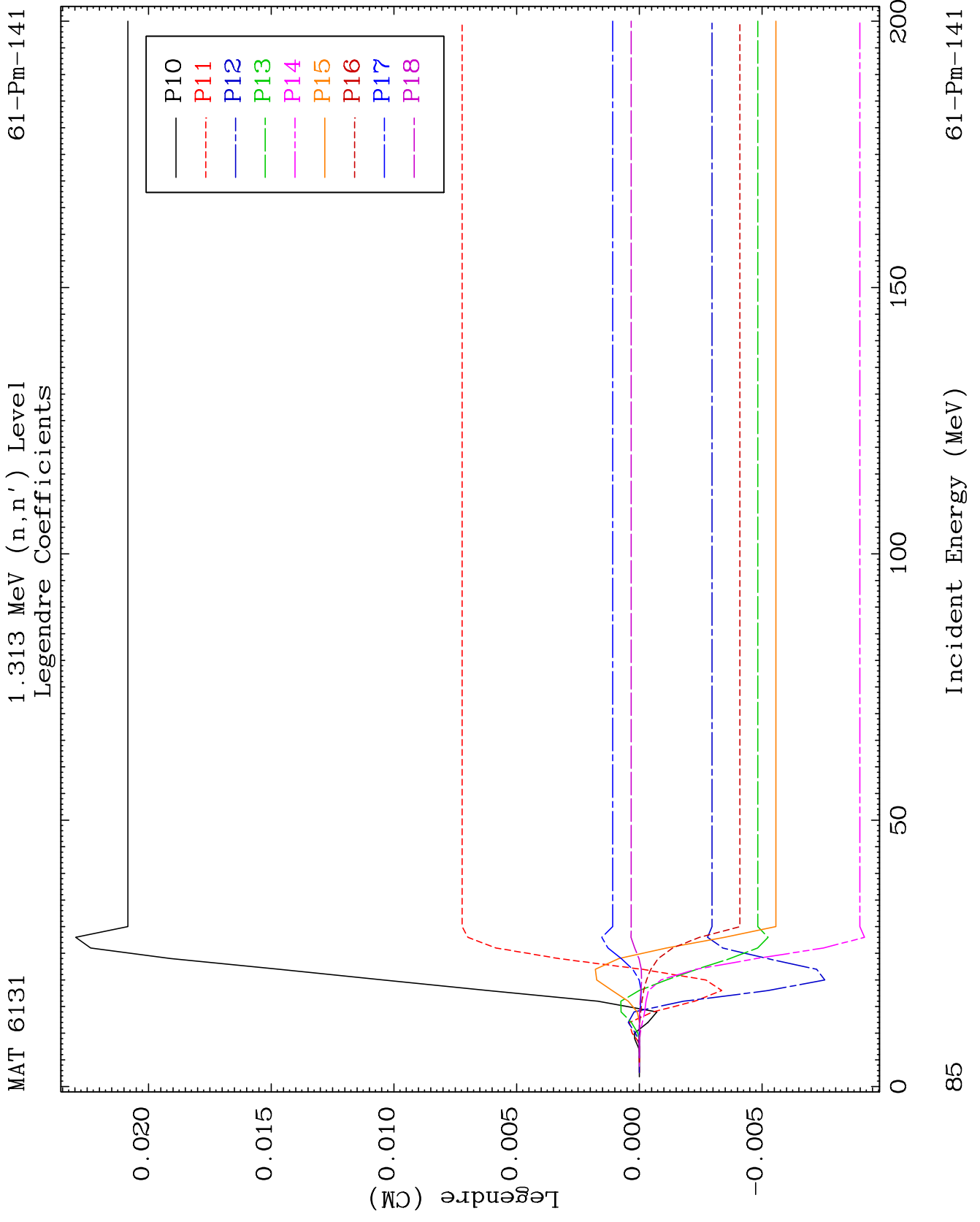


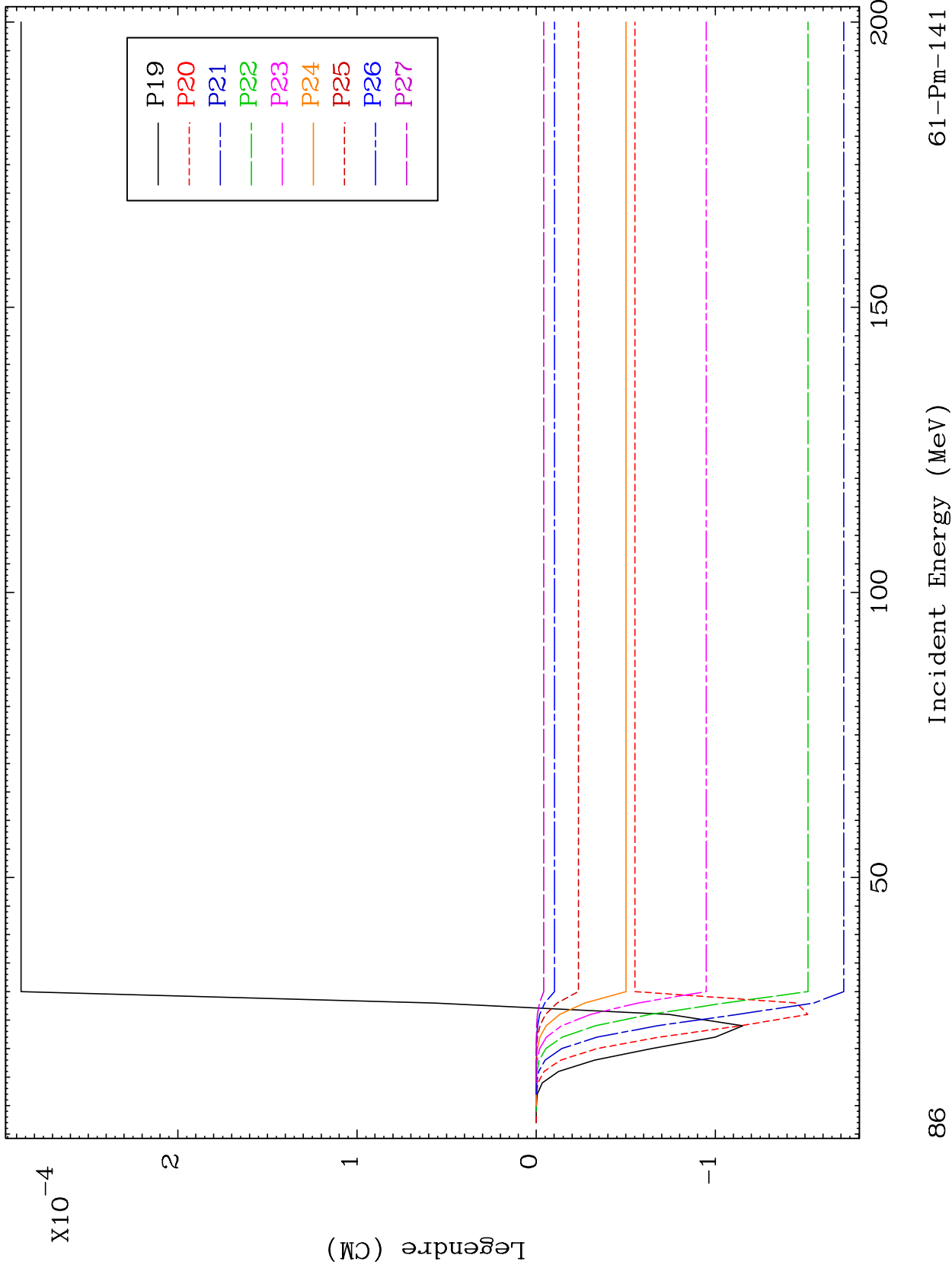


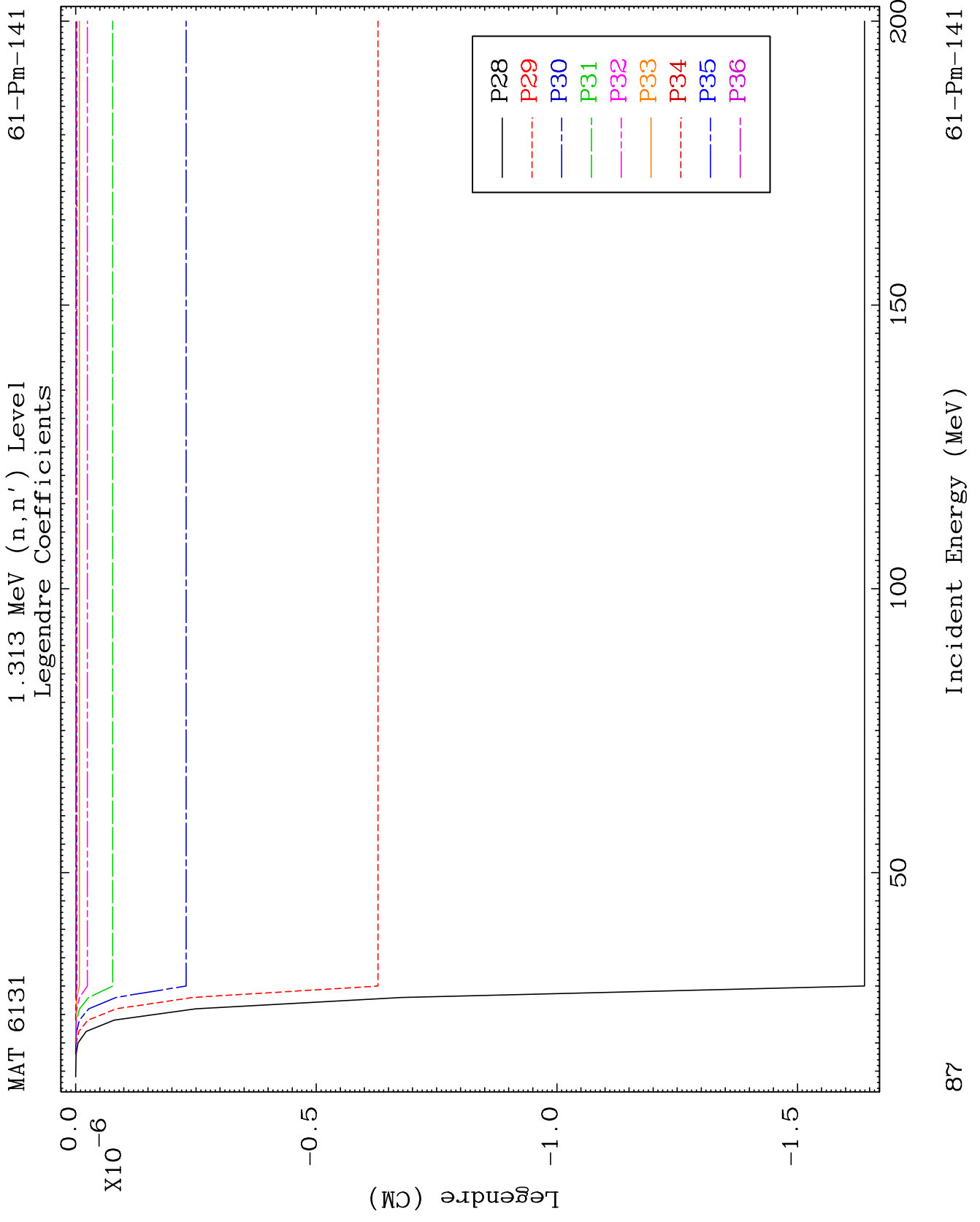




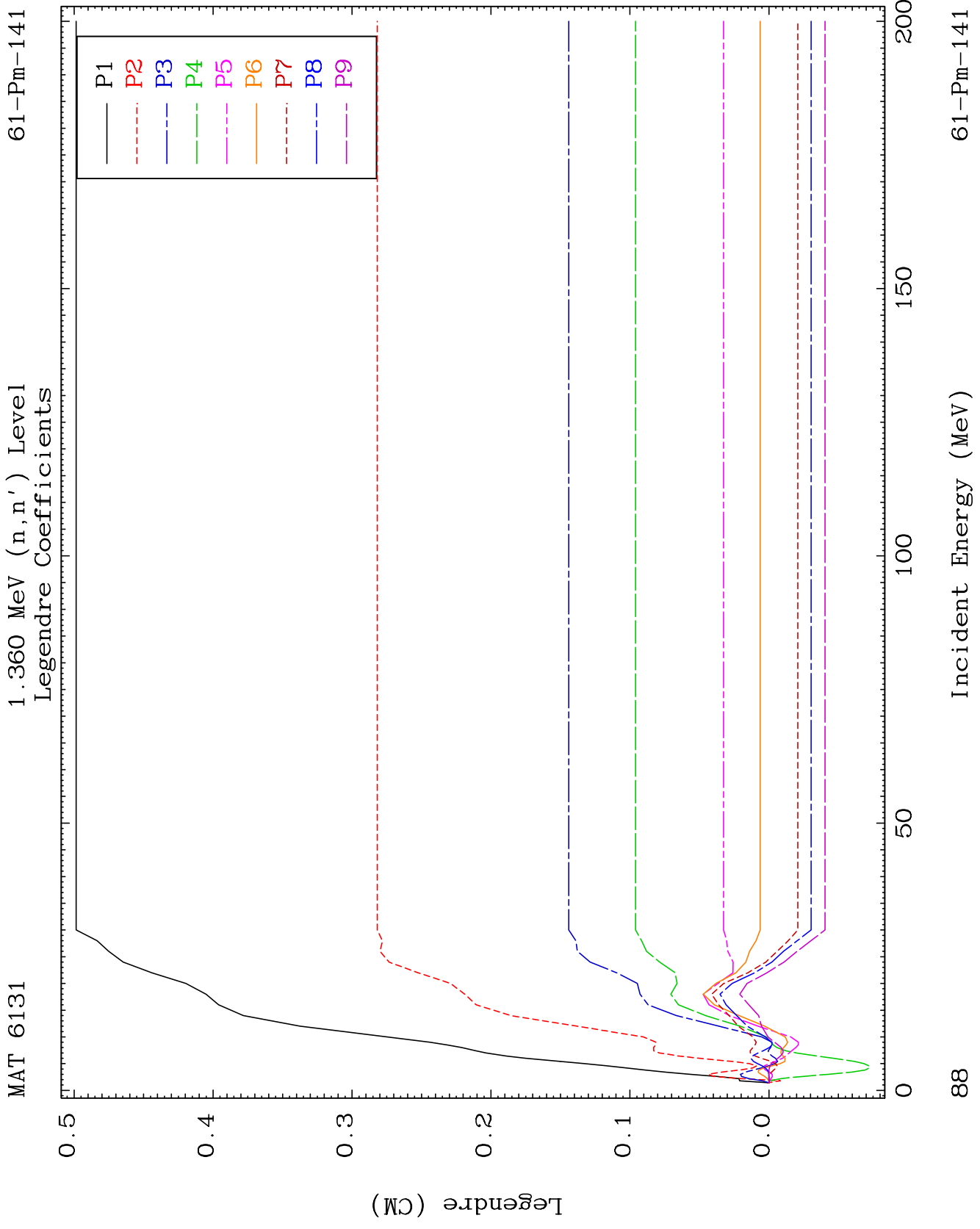


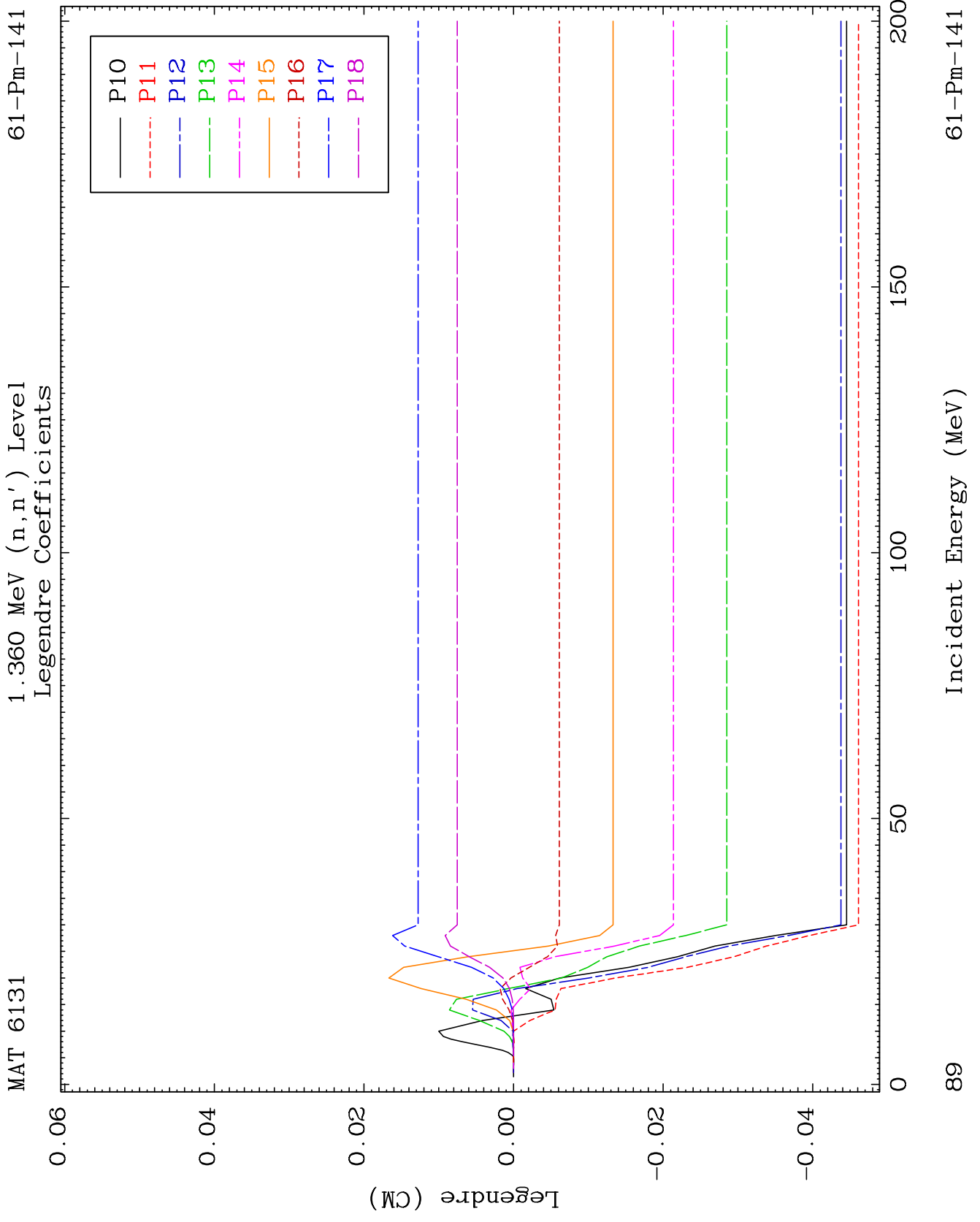


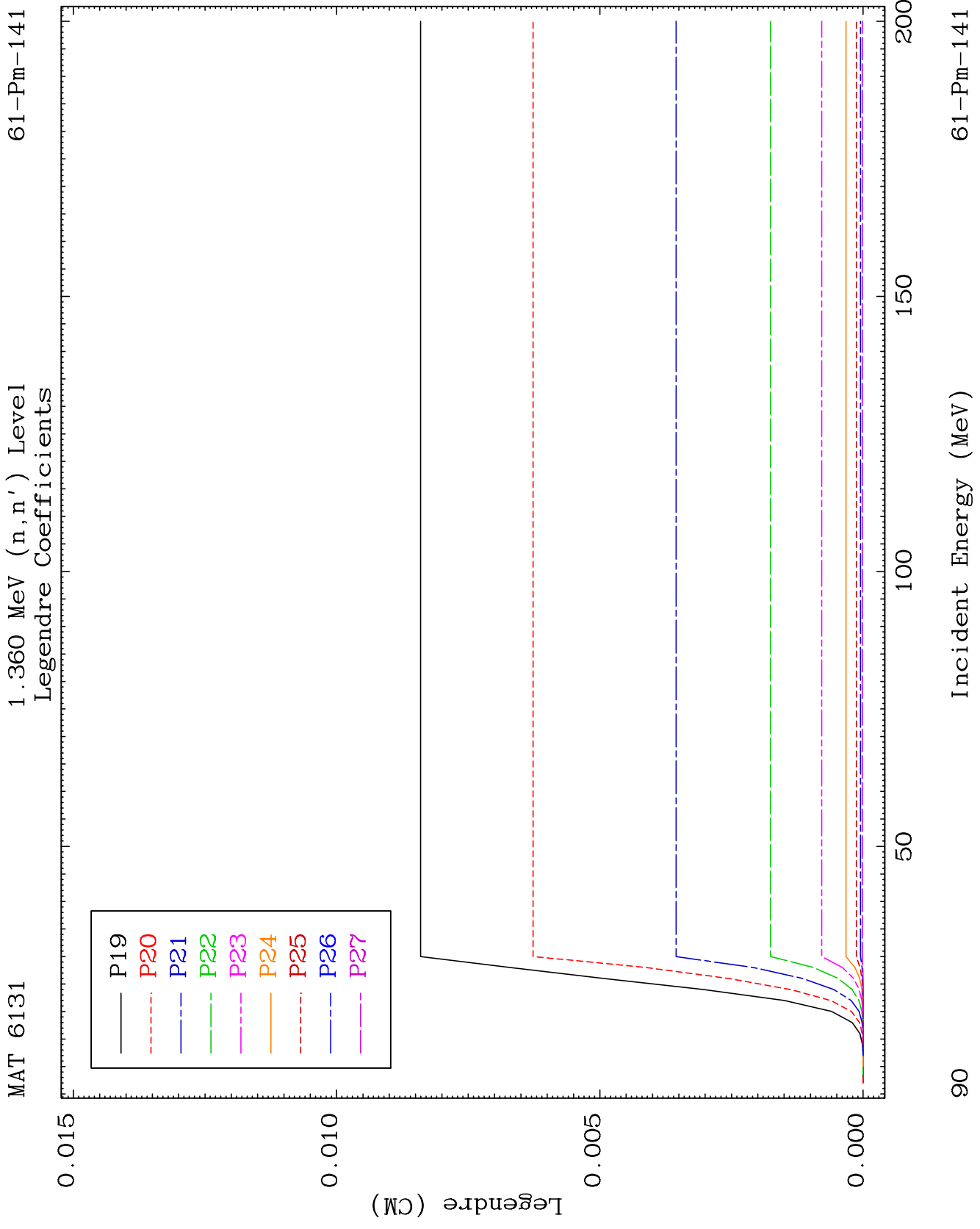


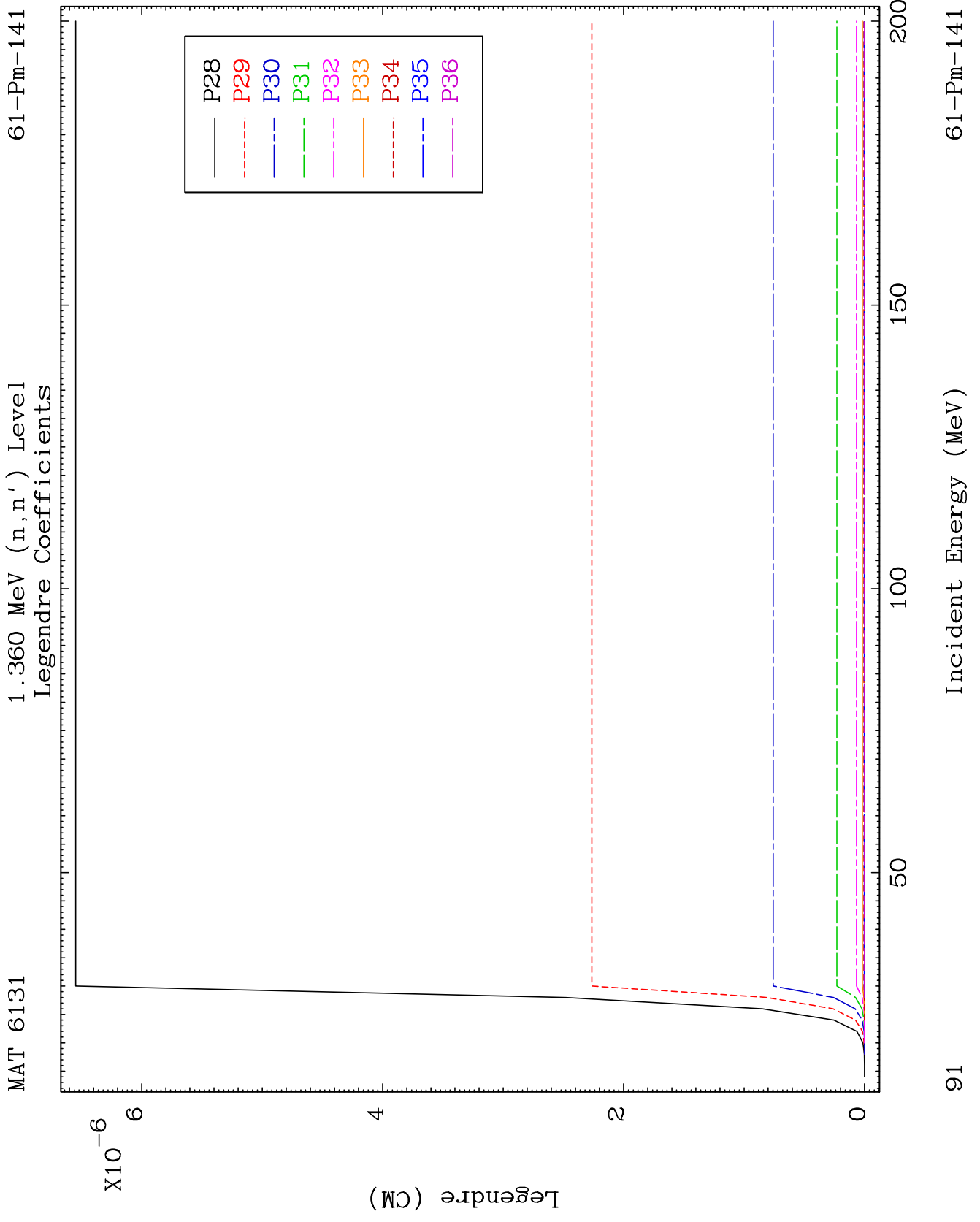


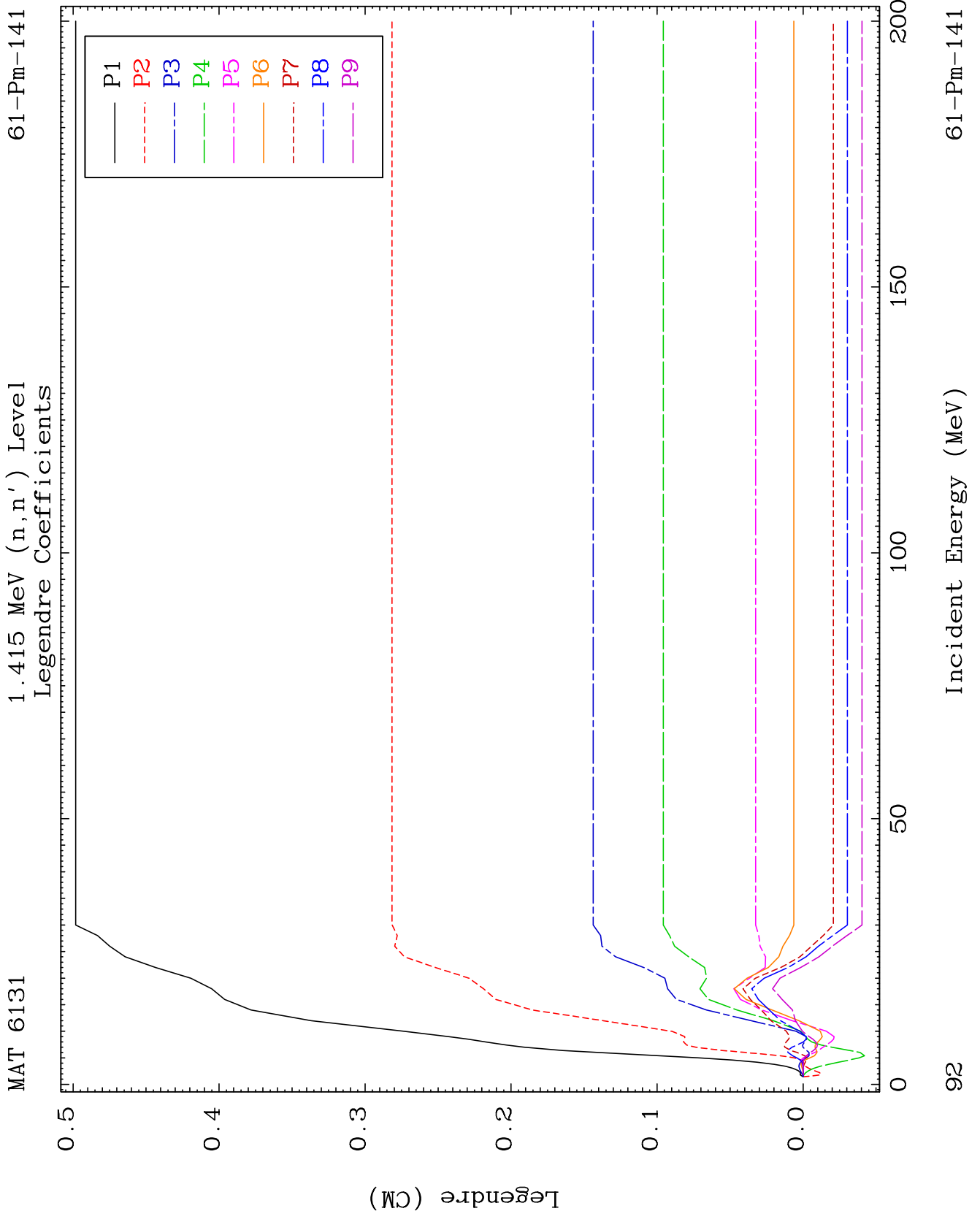


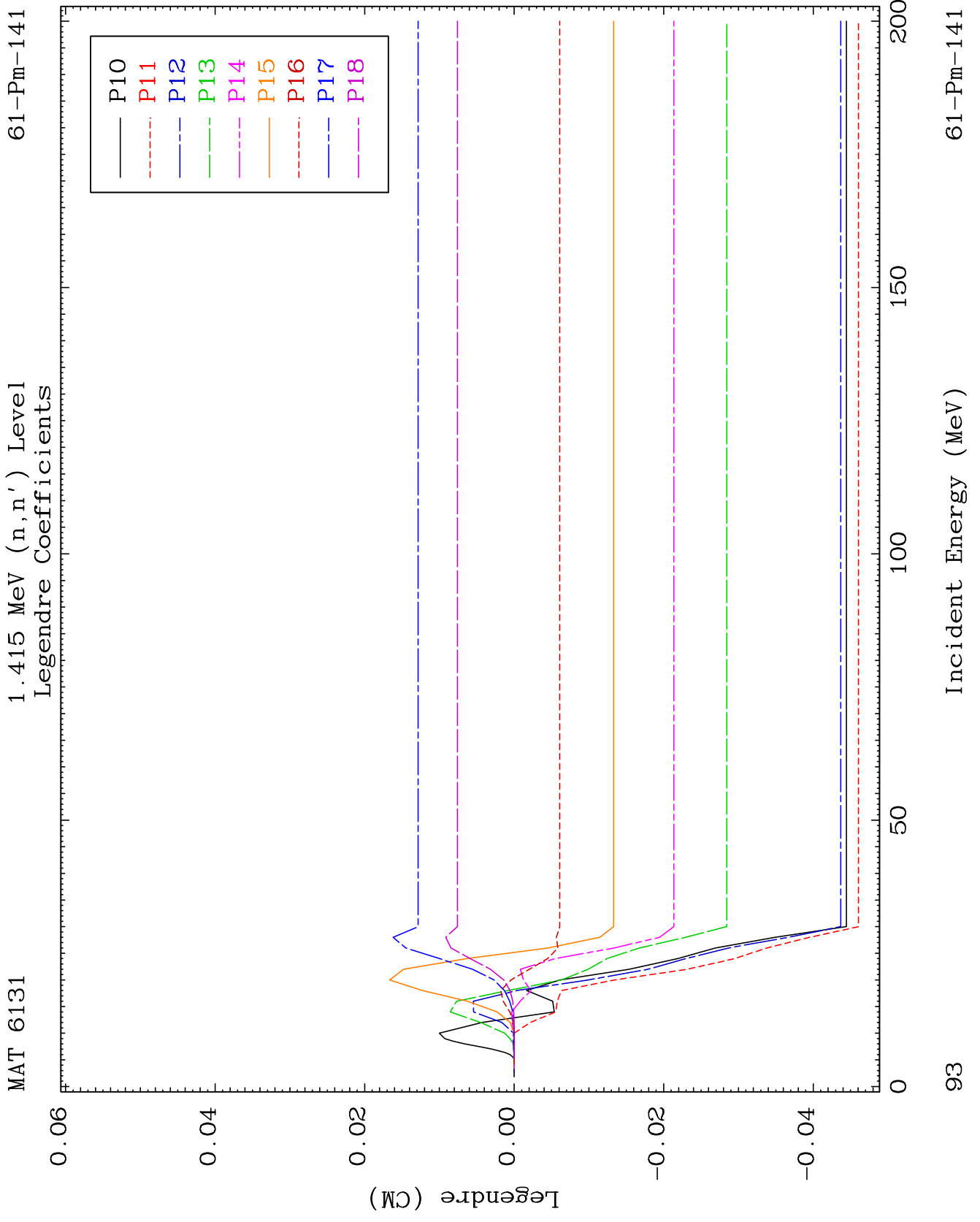


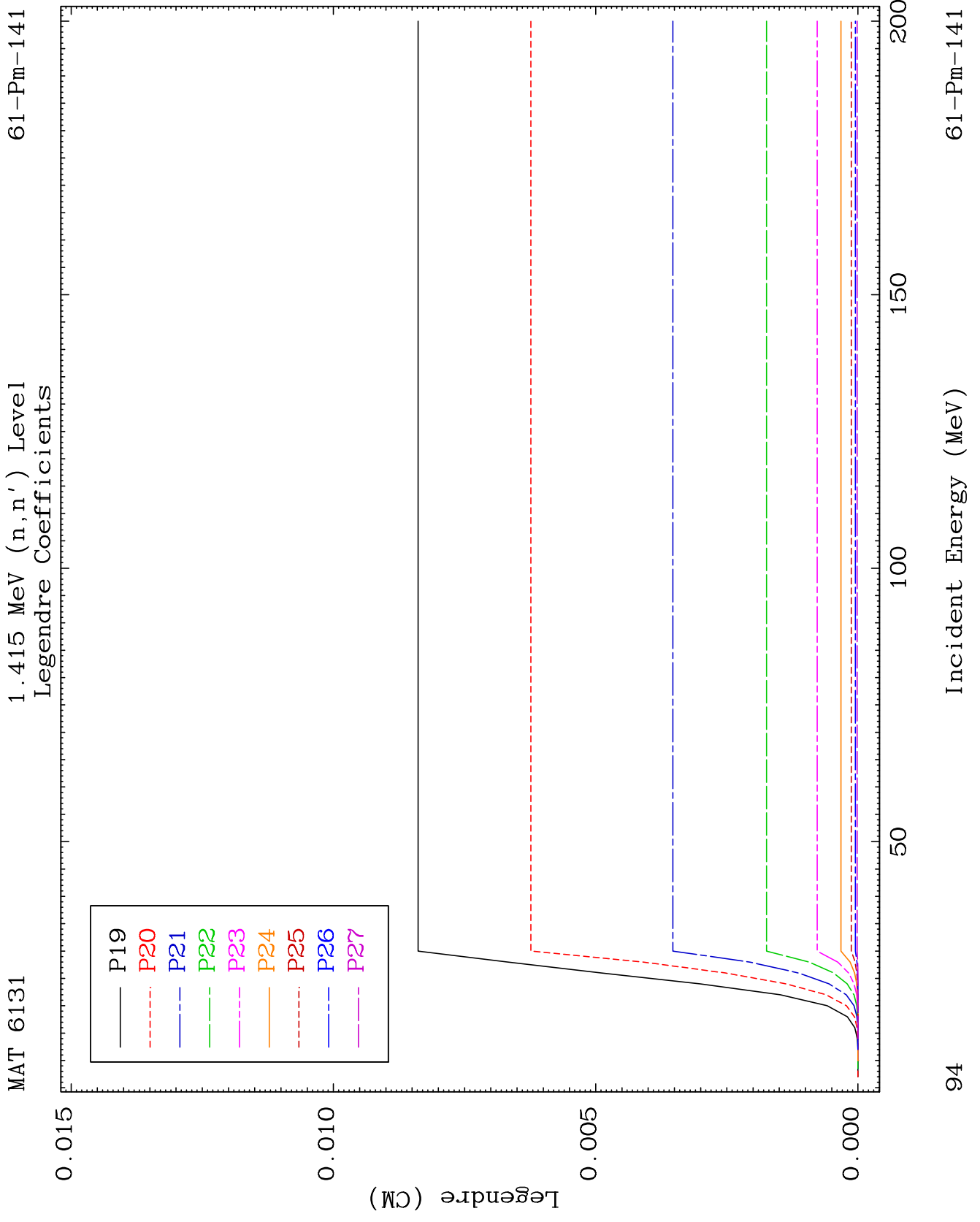


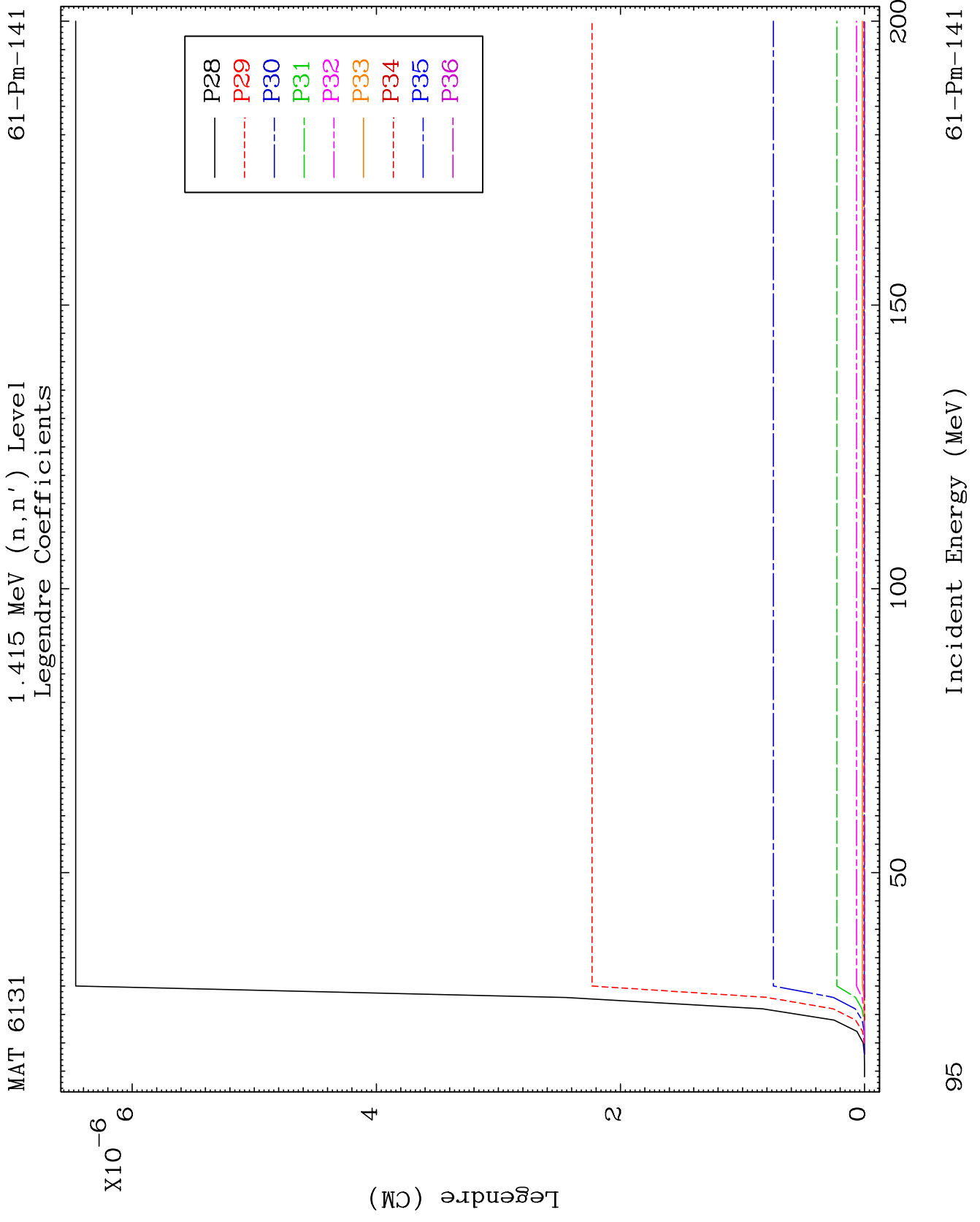




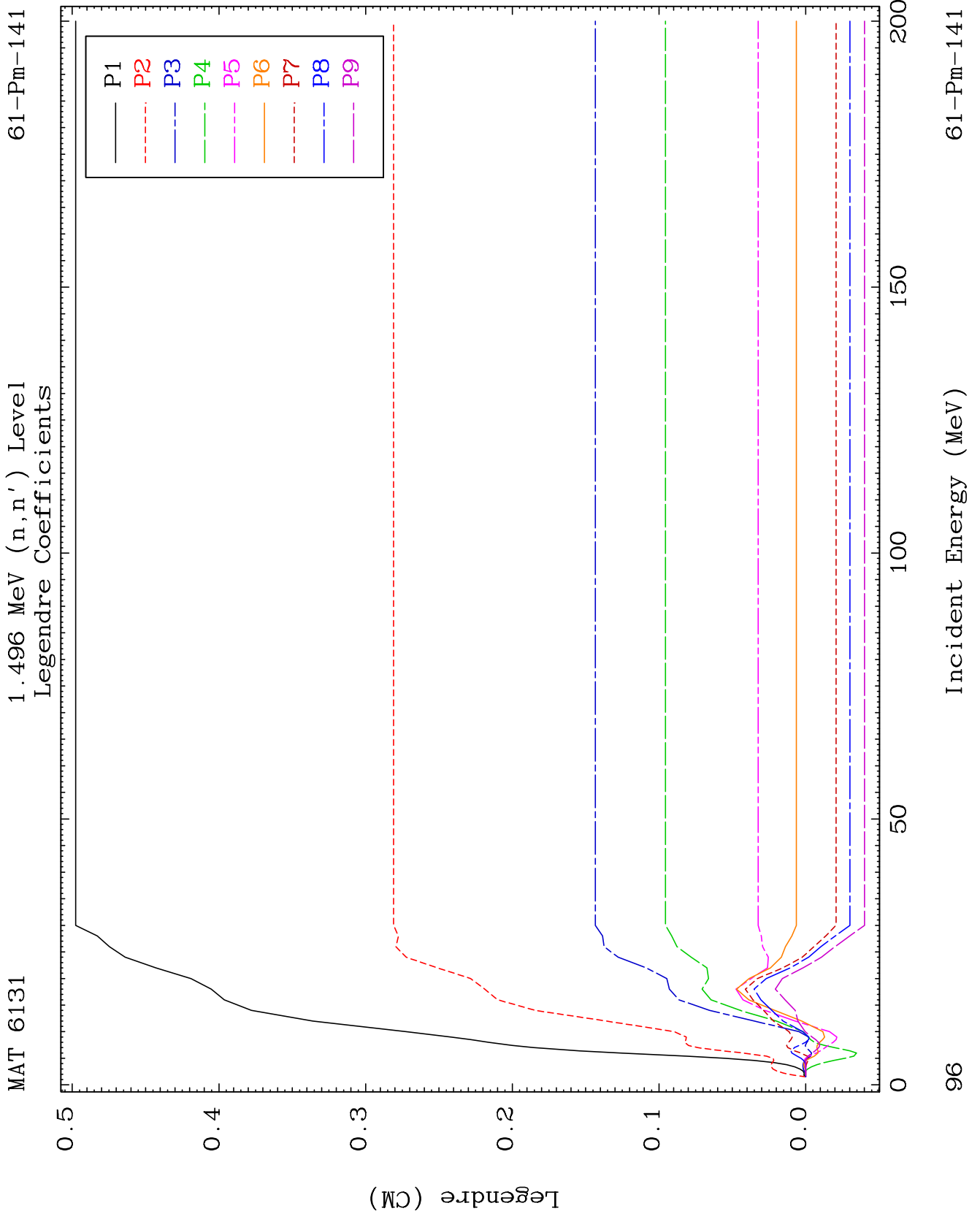


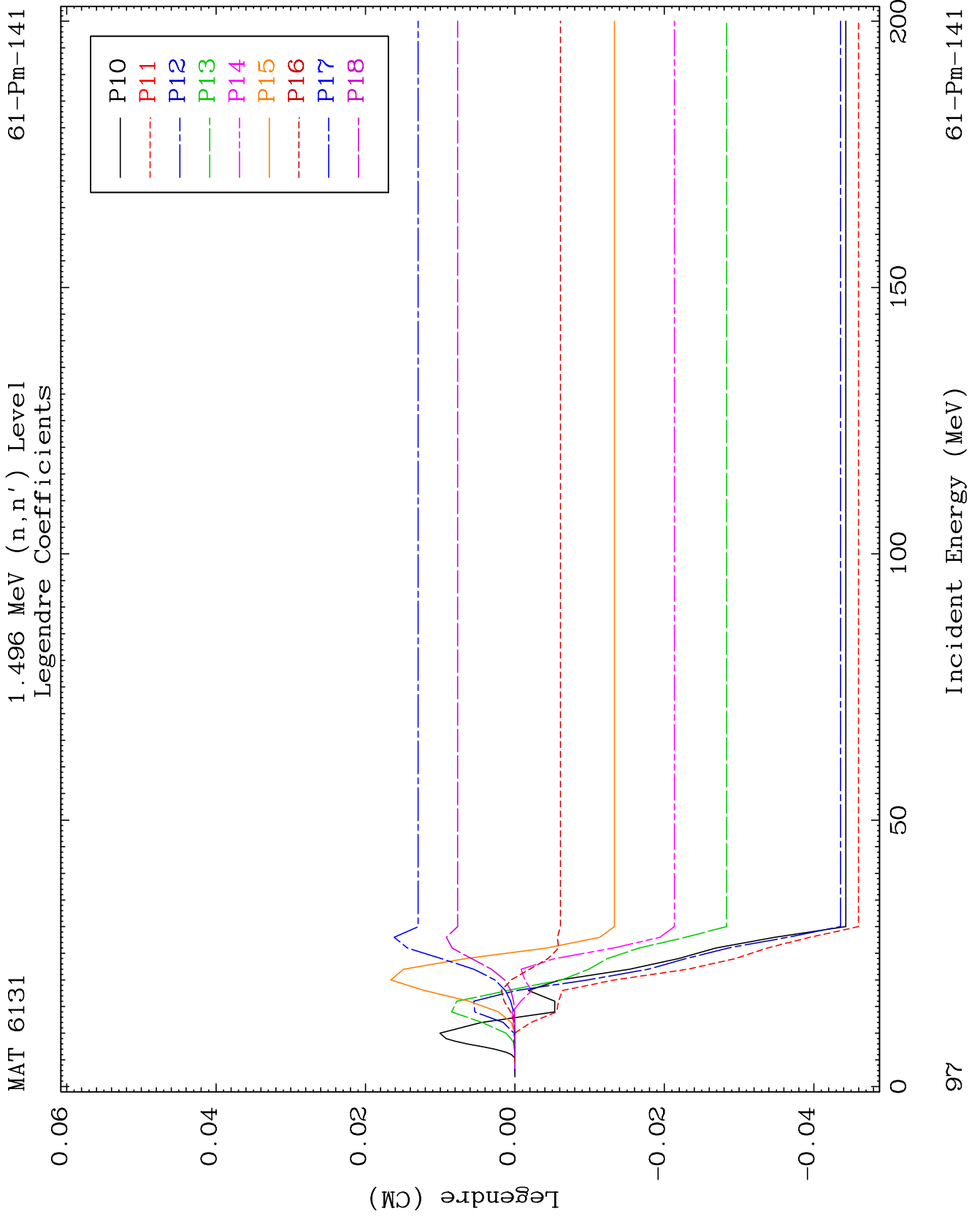


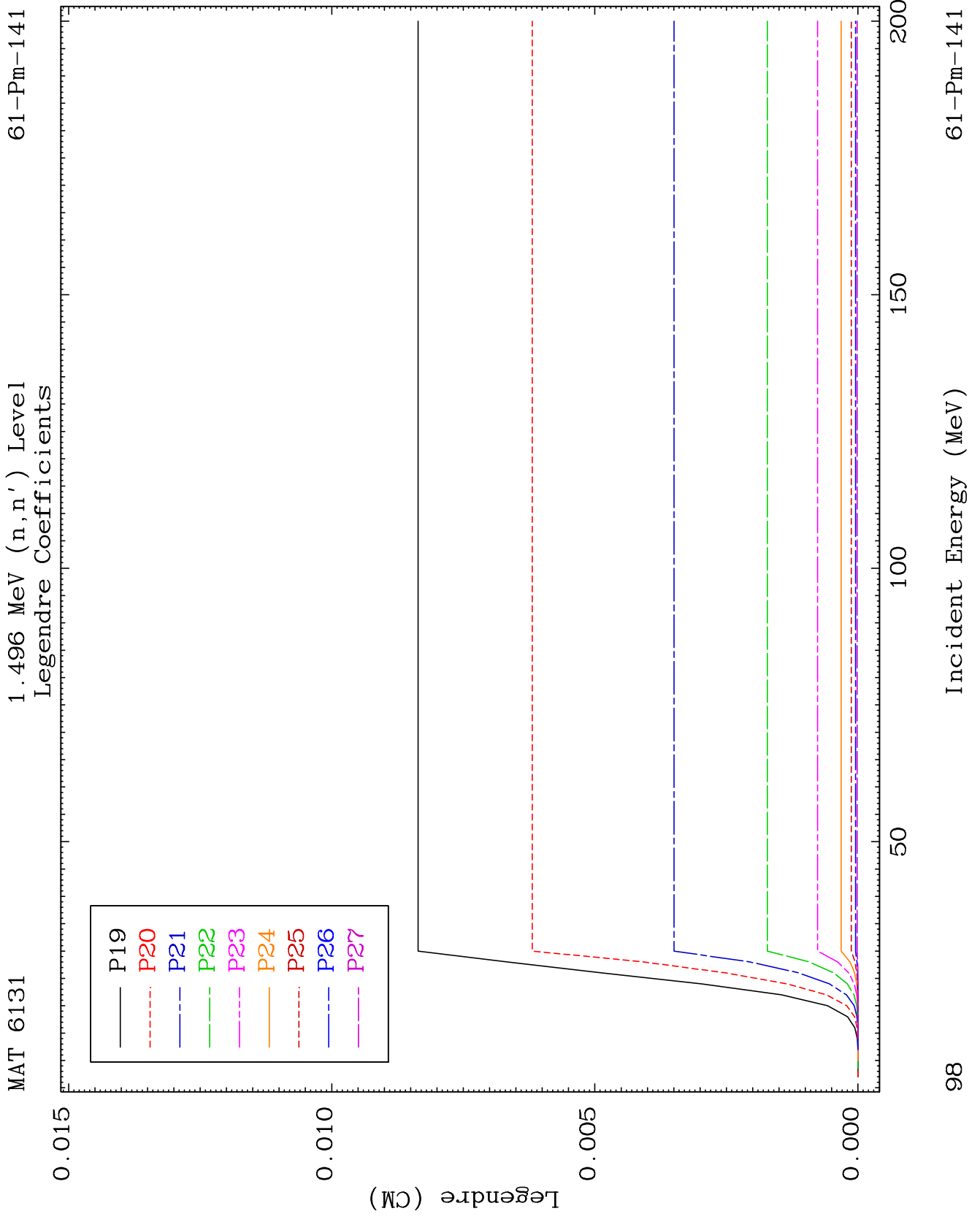


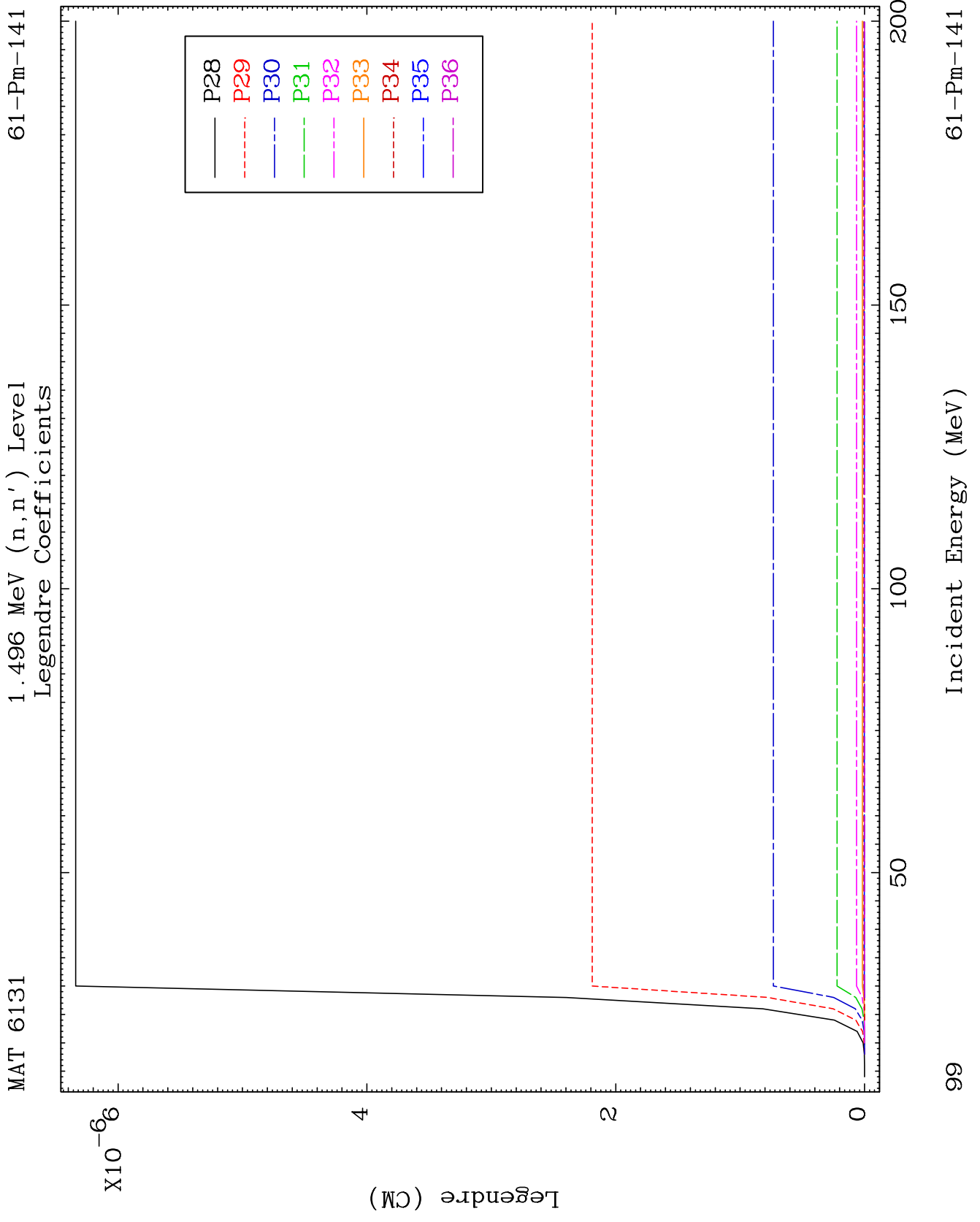




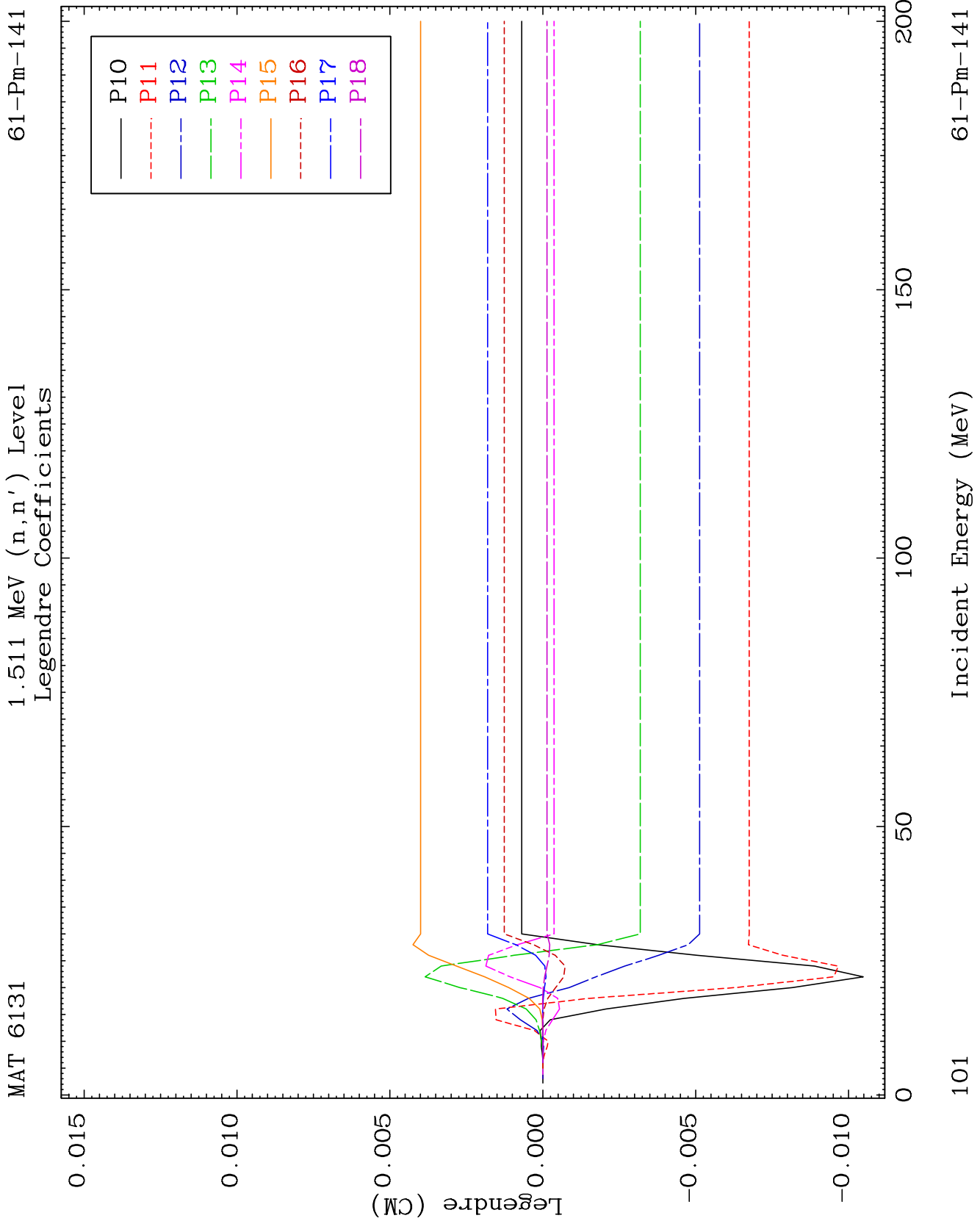


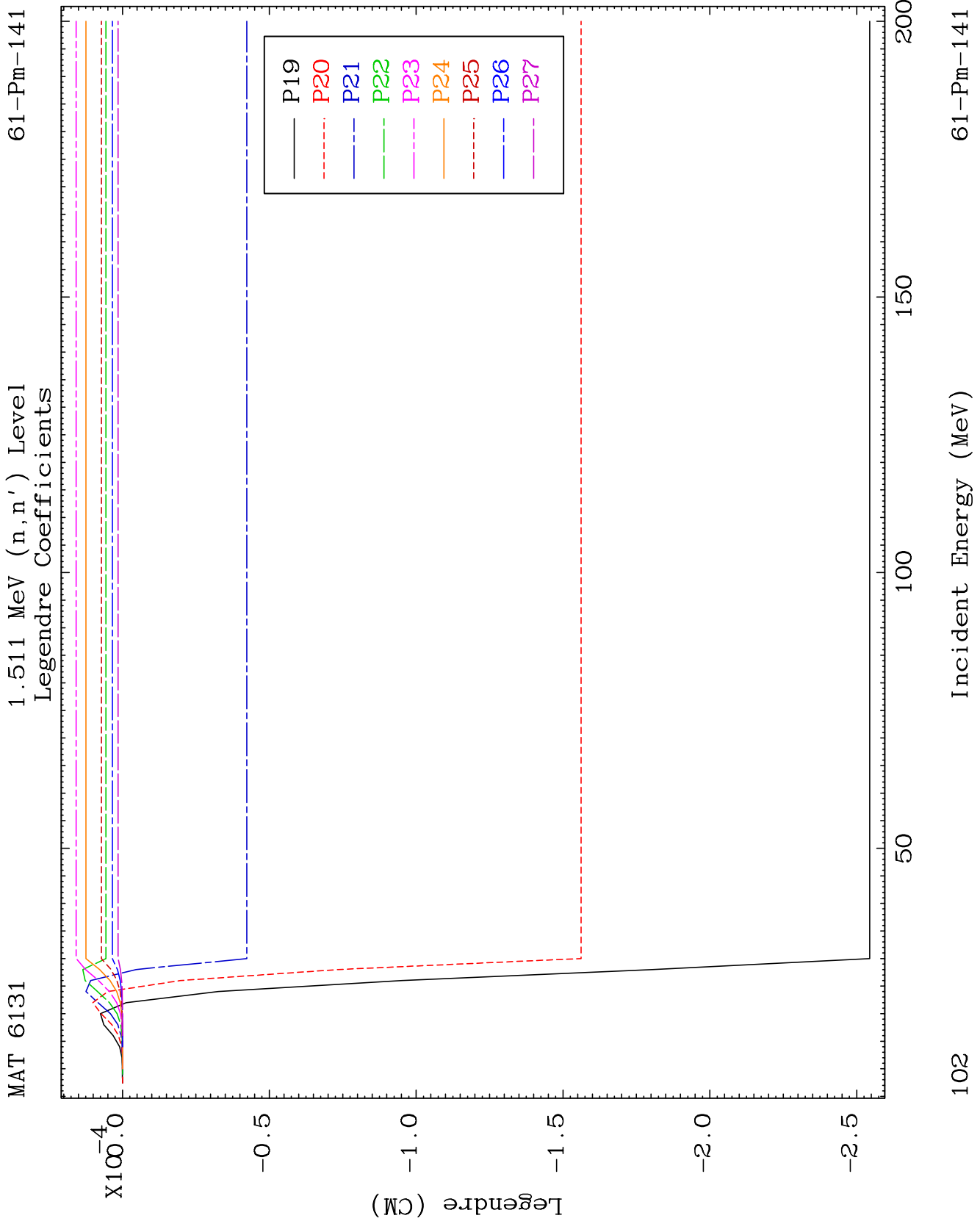


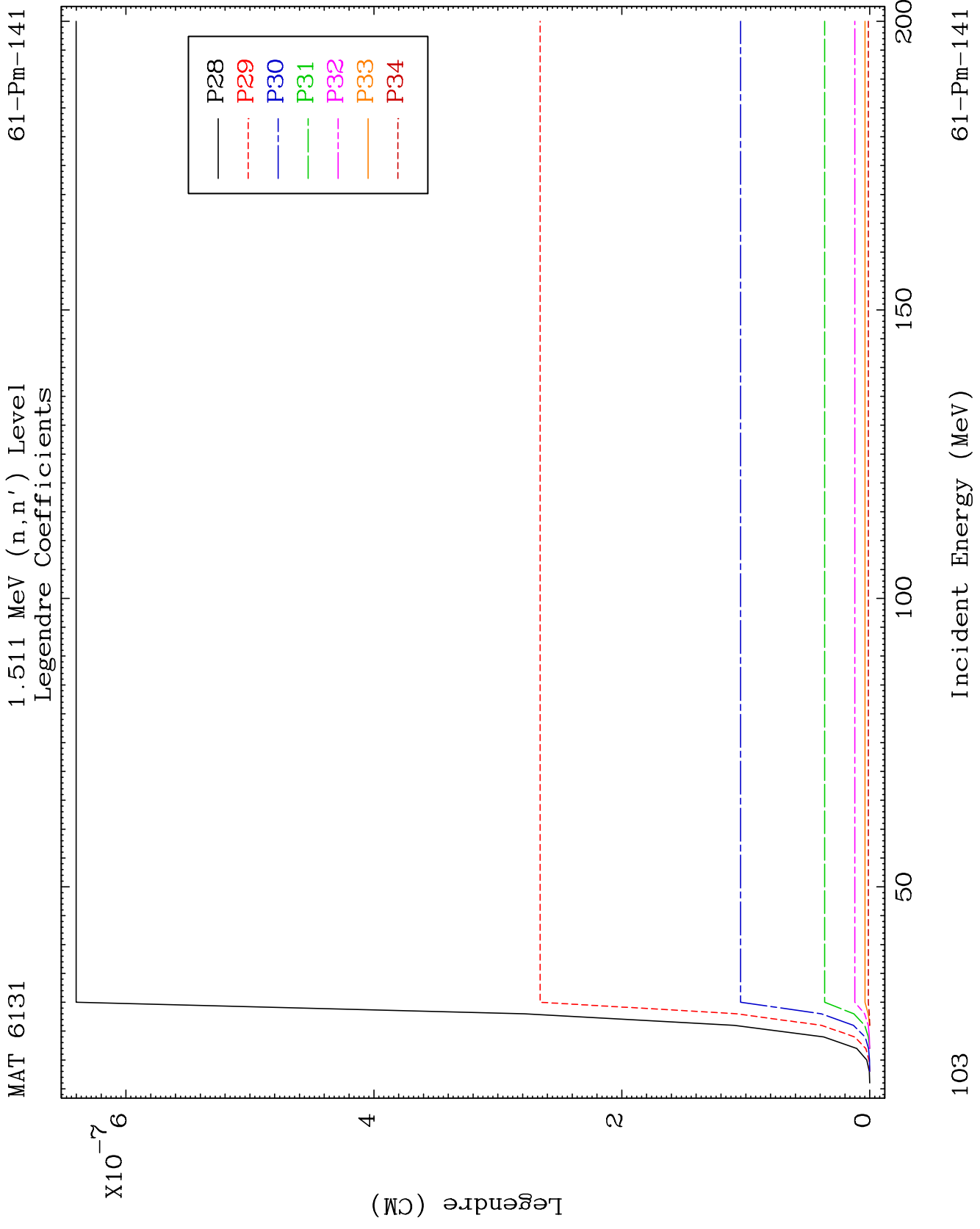




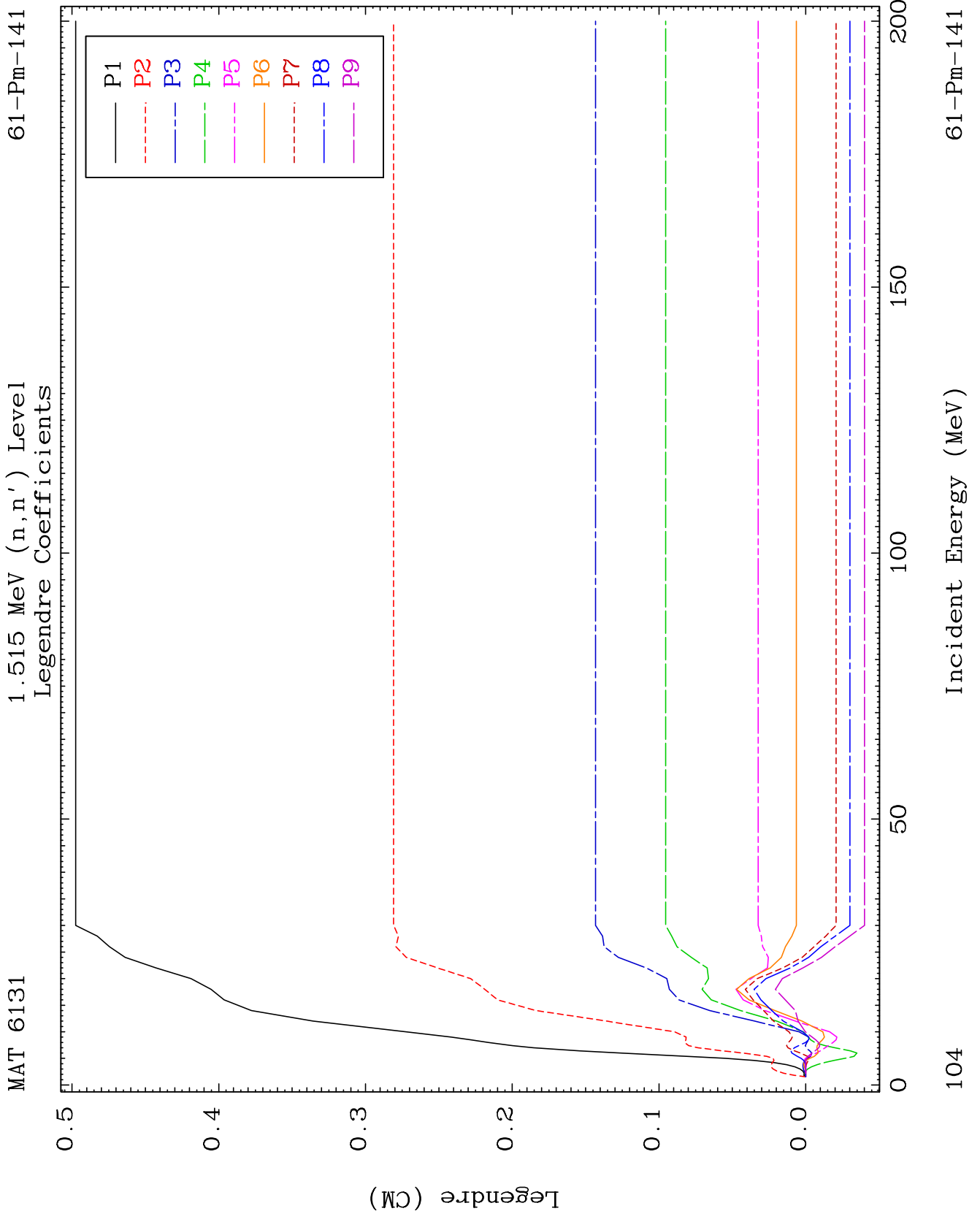








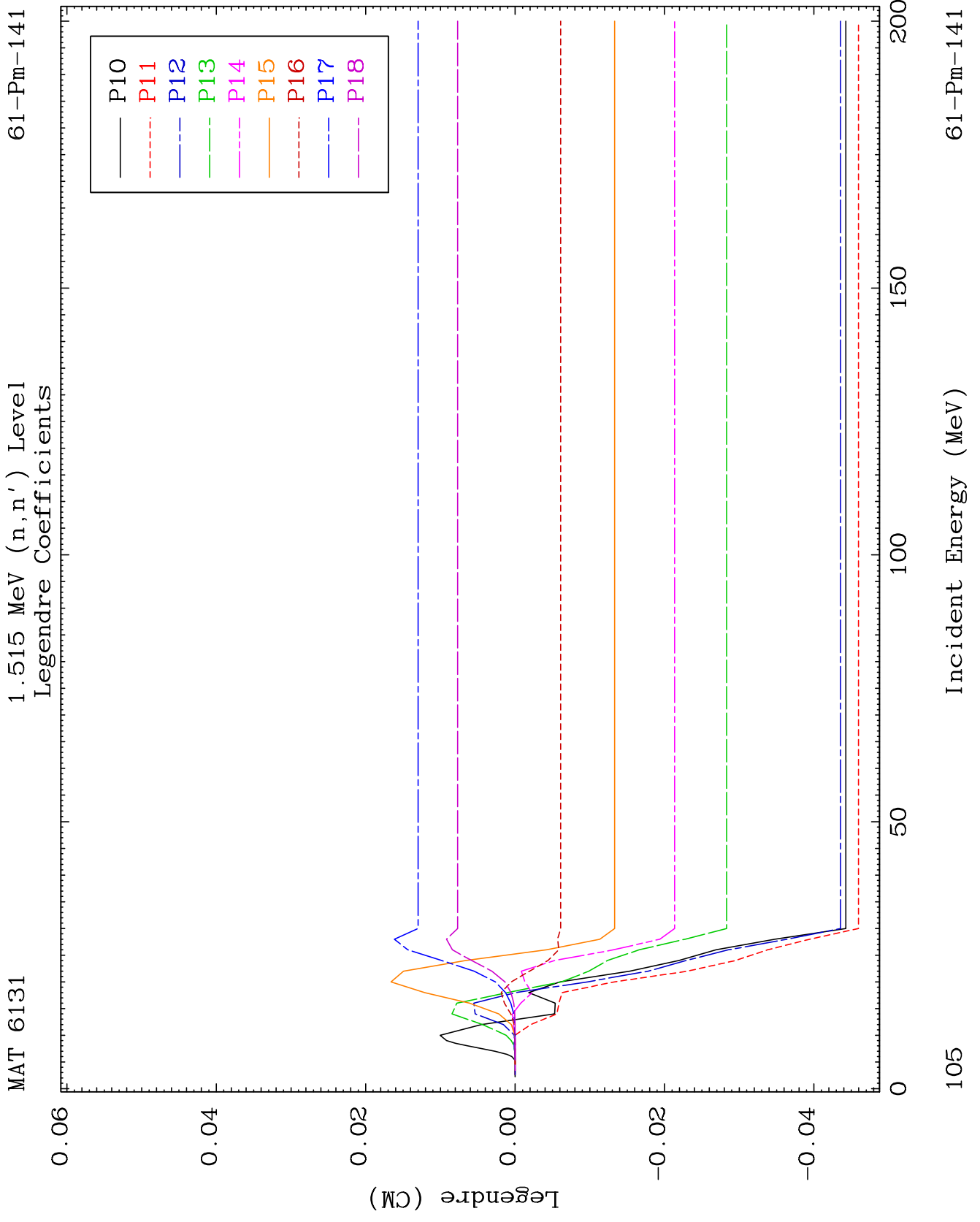


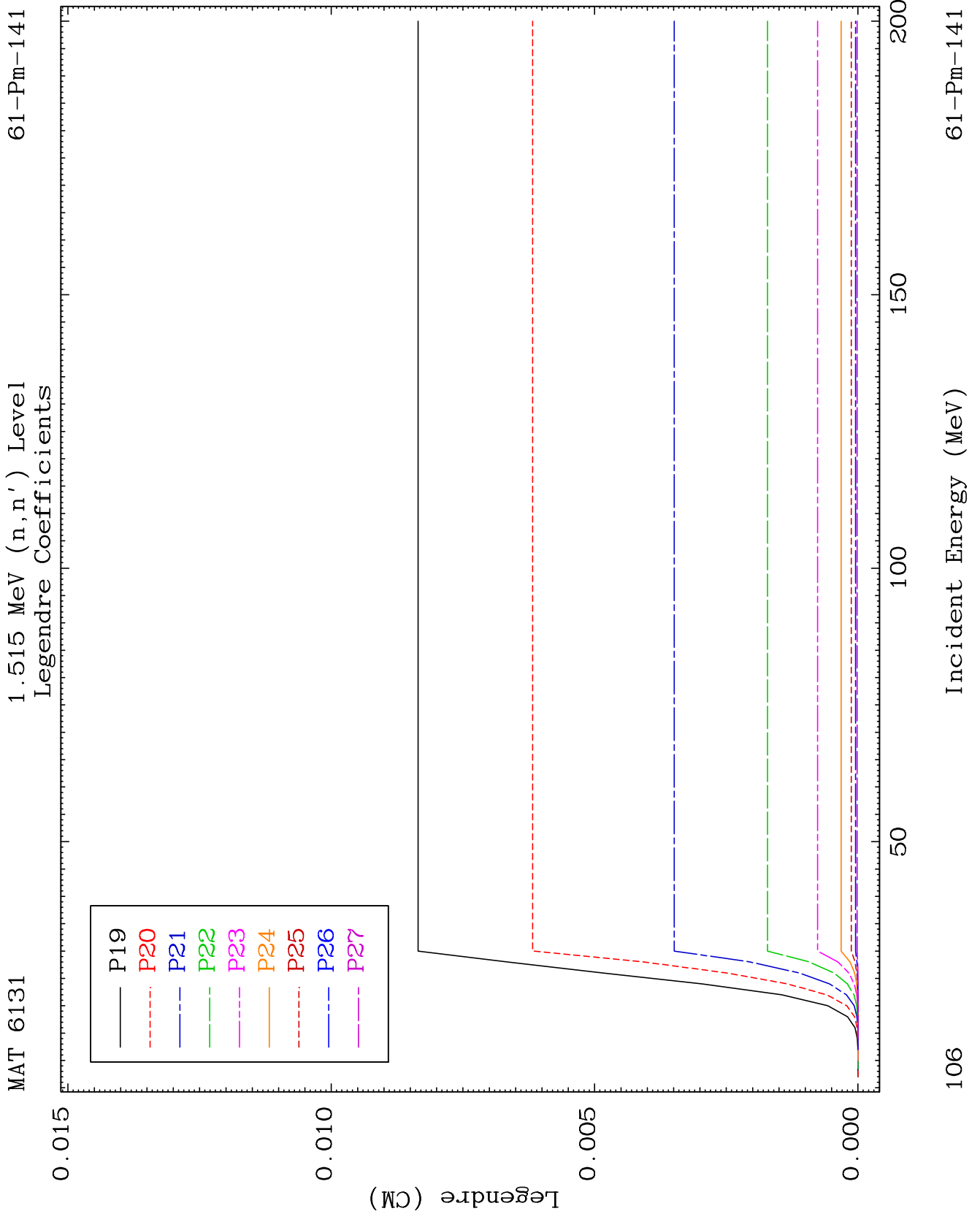


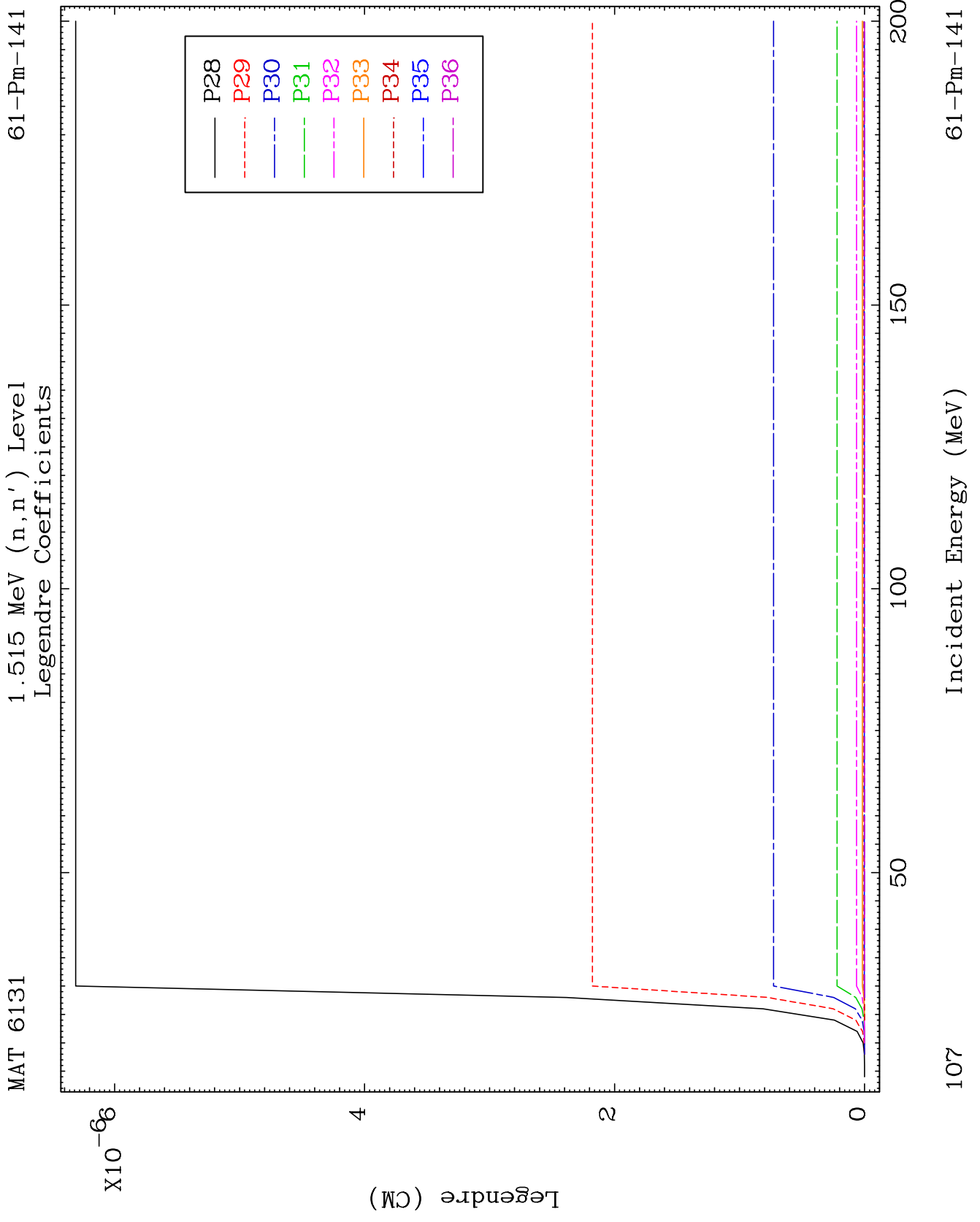
61-Pm-141

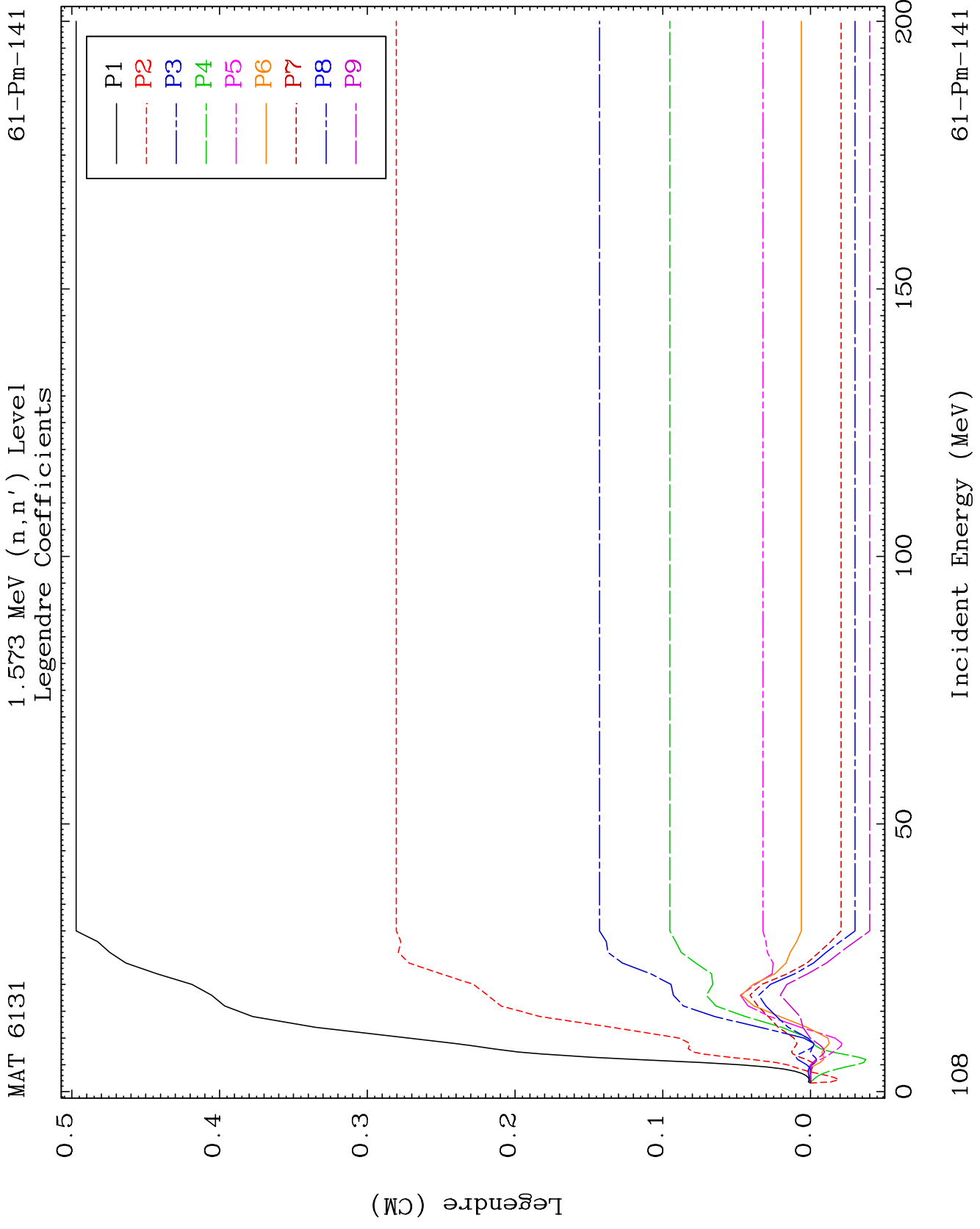
Incident Energy (MeV)

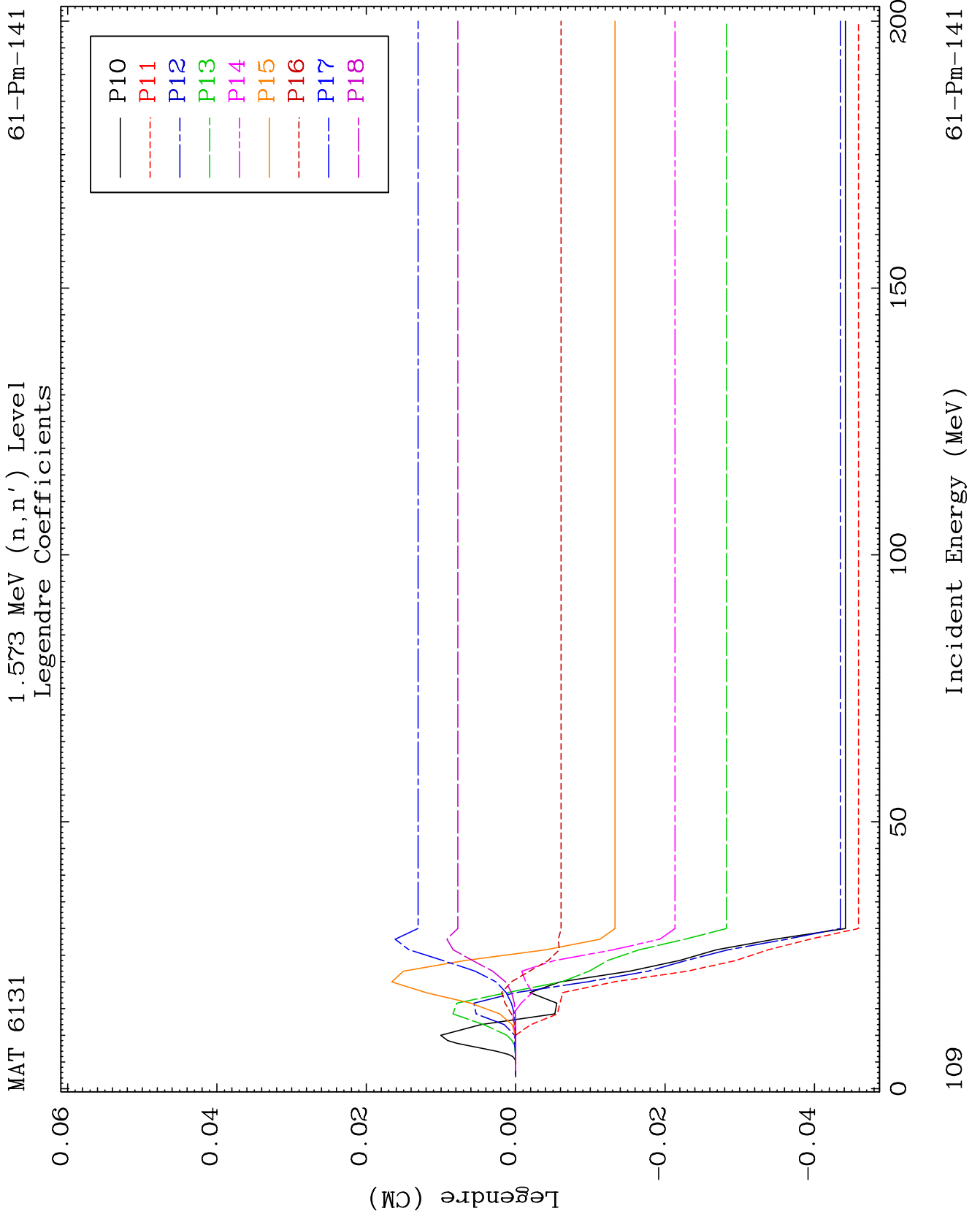
104







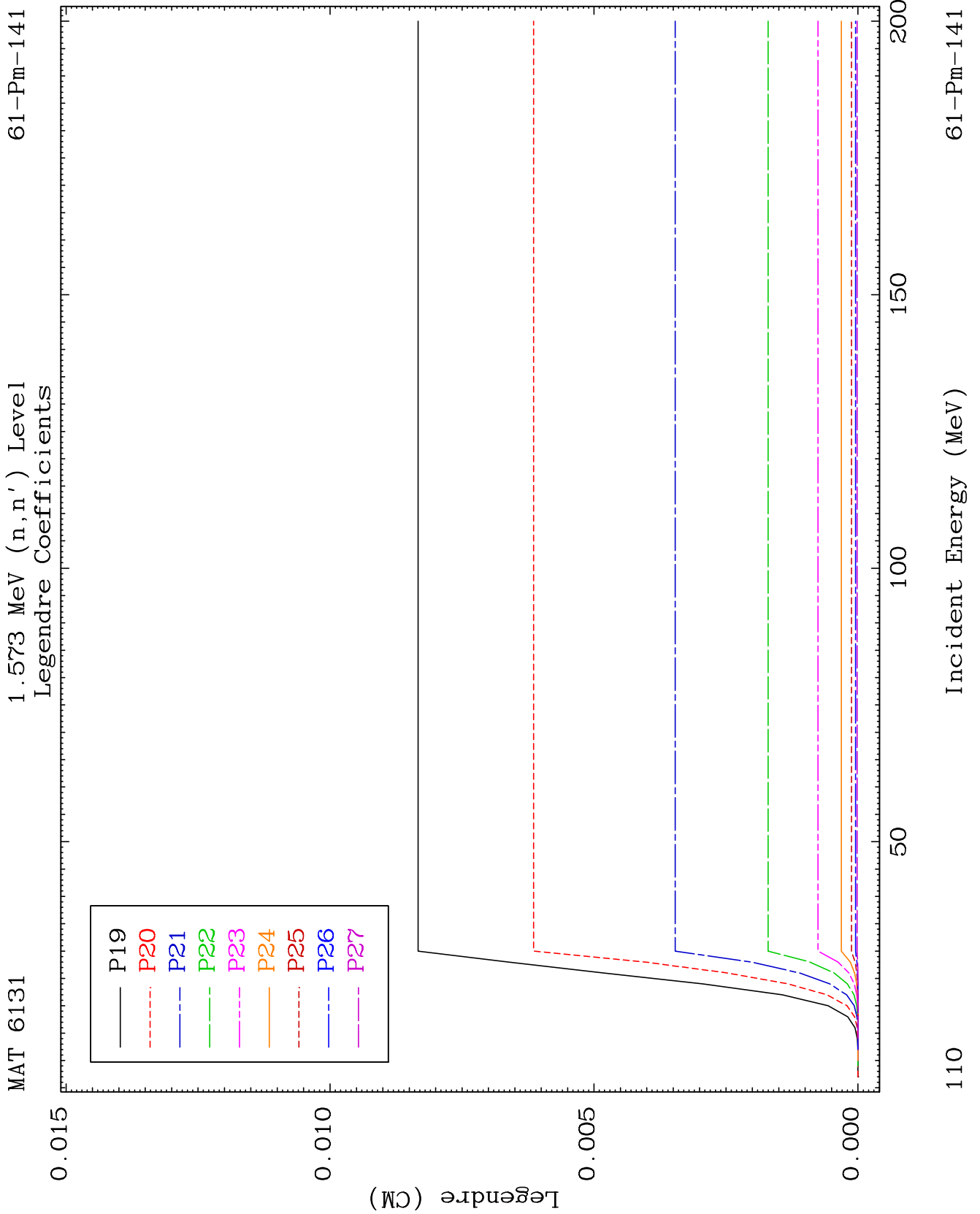


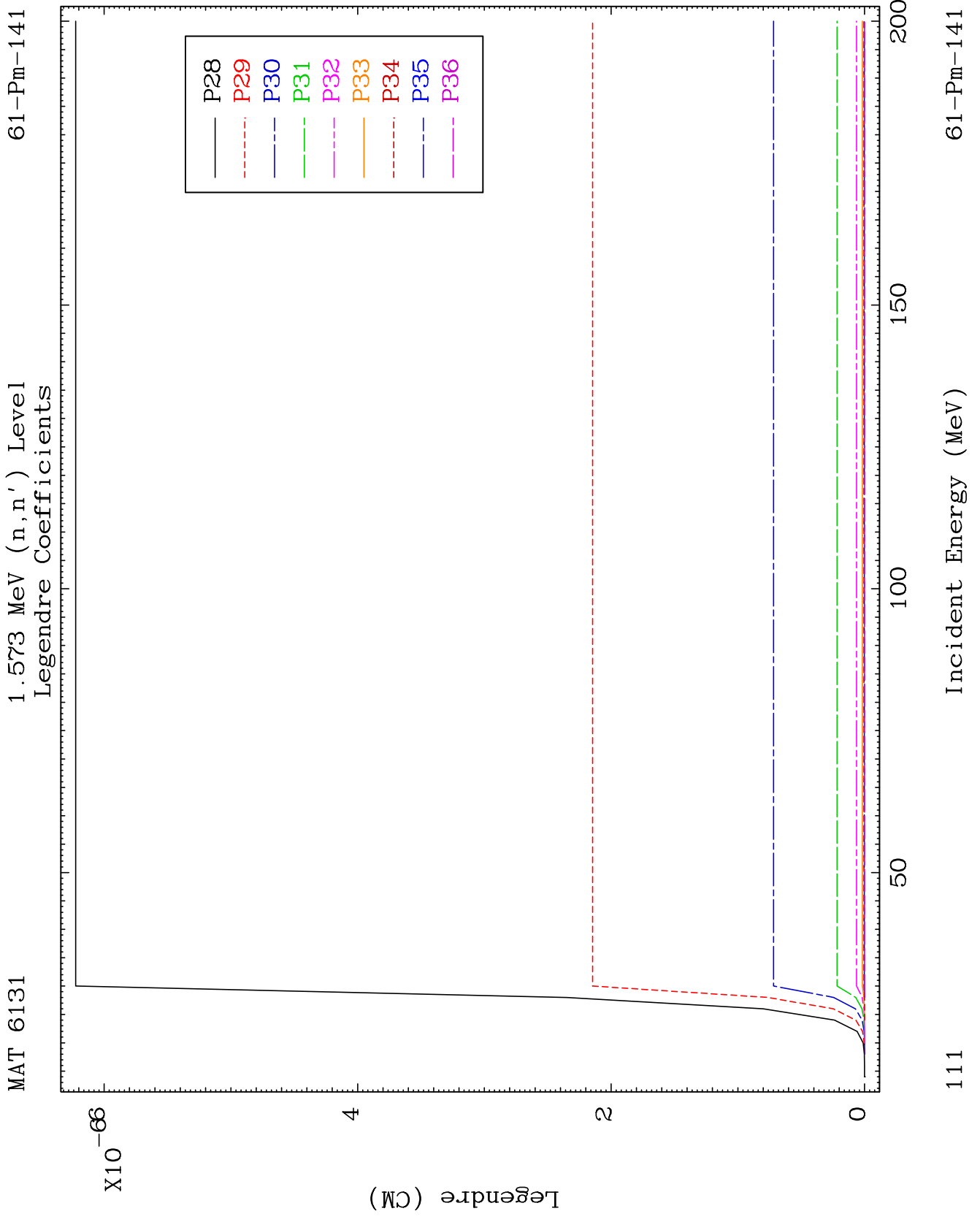


61-Pm-141

Incident Energy (MeV)

109





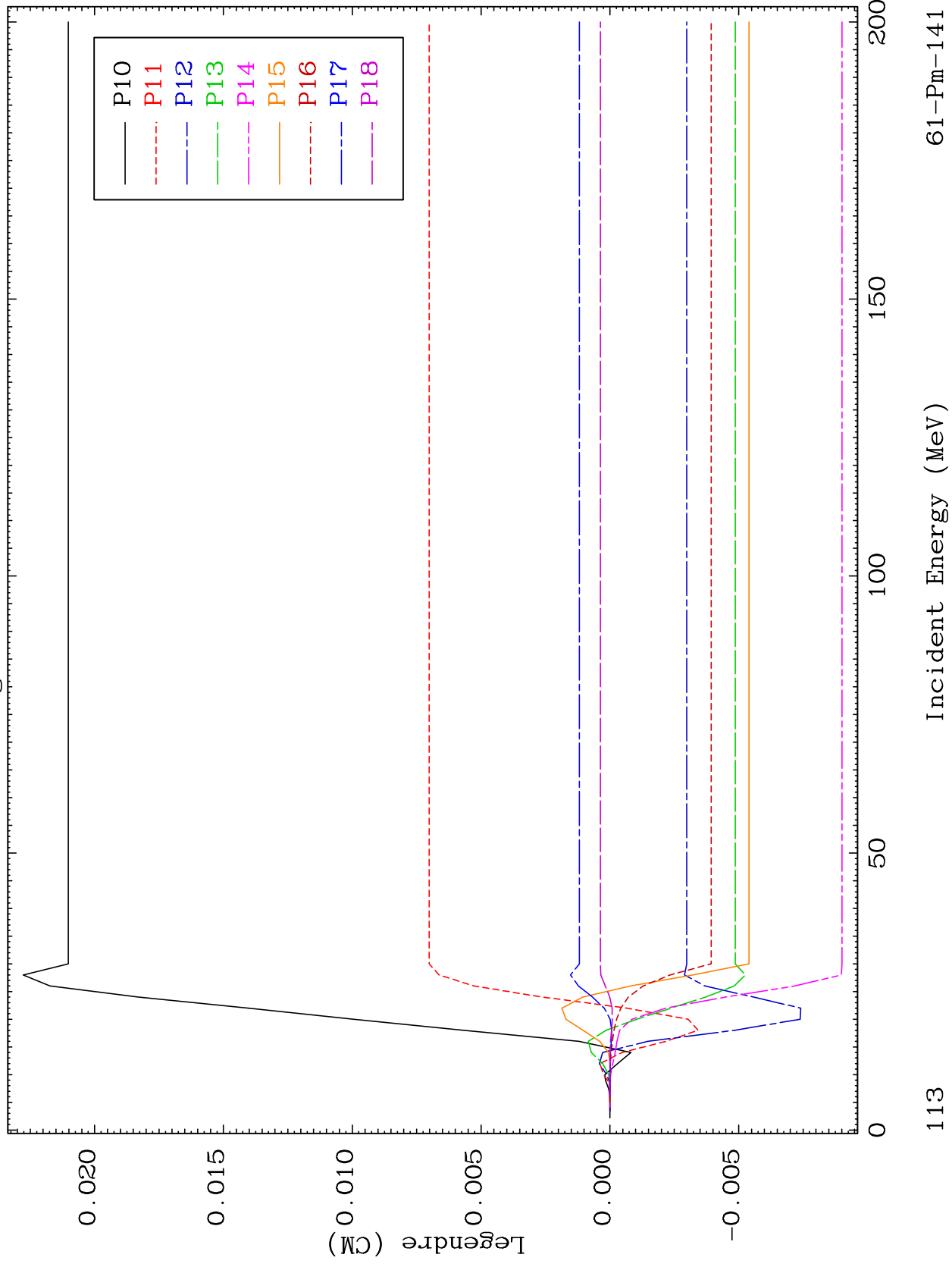




MAT 6131

1.692 MeV (n,n') Level  
Legendre Coefficients

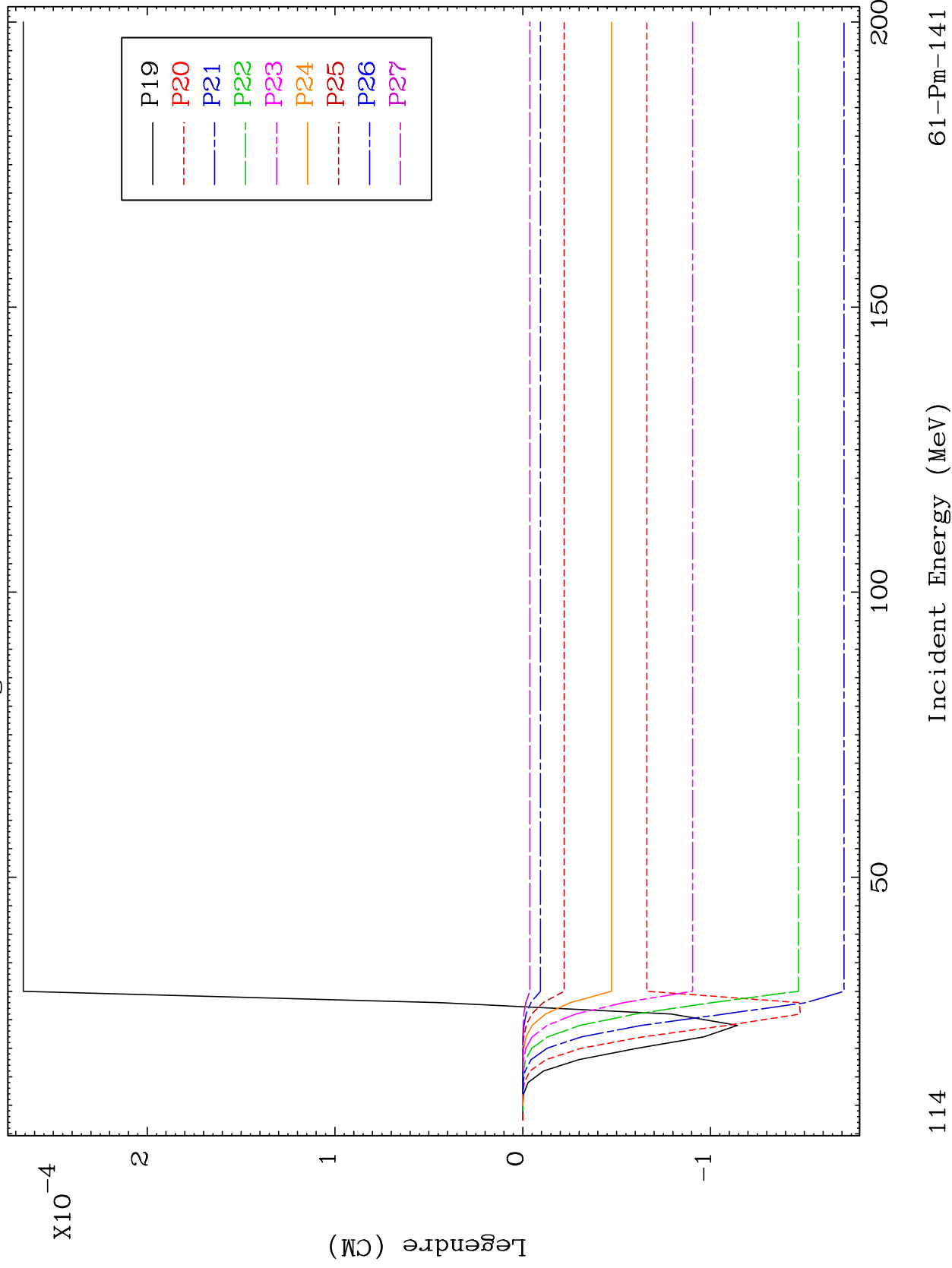
61-Pm-141

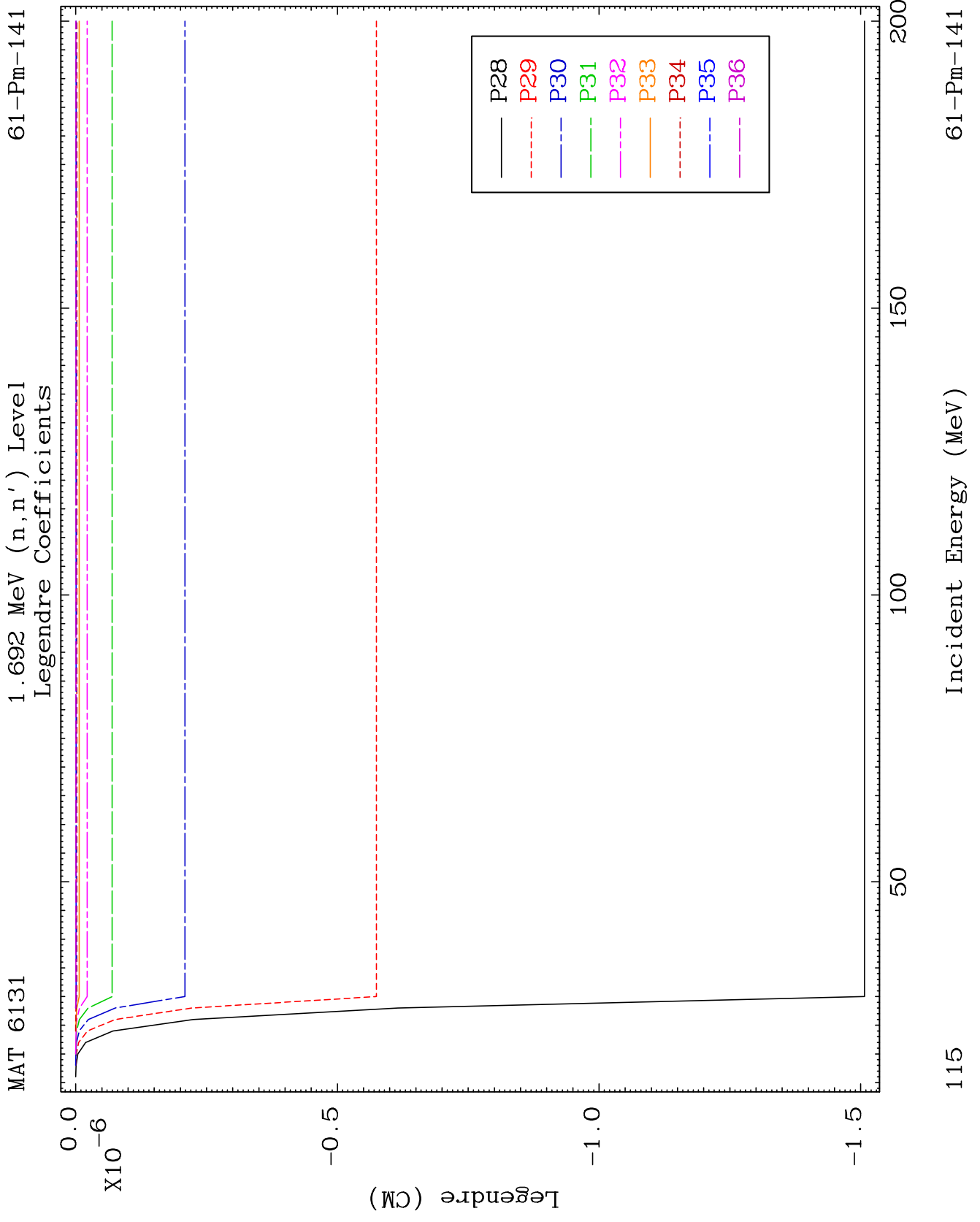


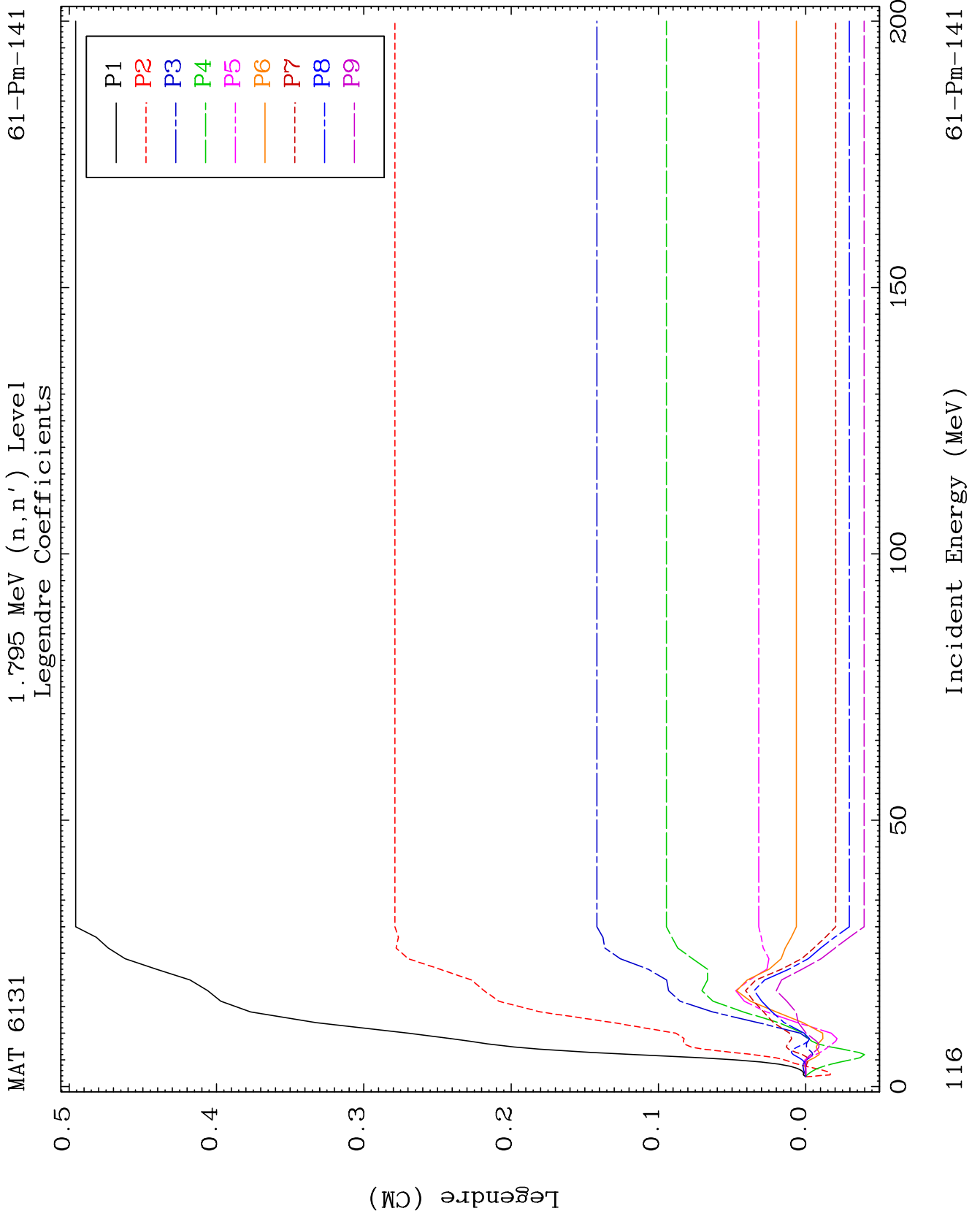
113

Incident Energy (MeV)

61-Pm-141



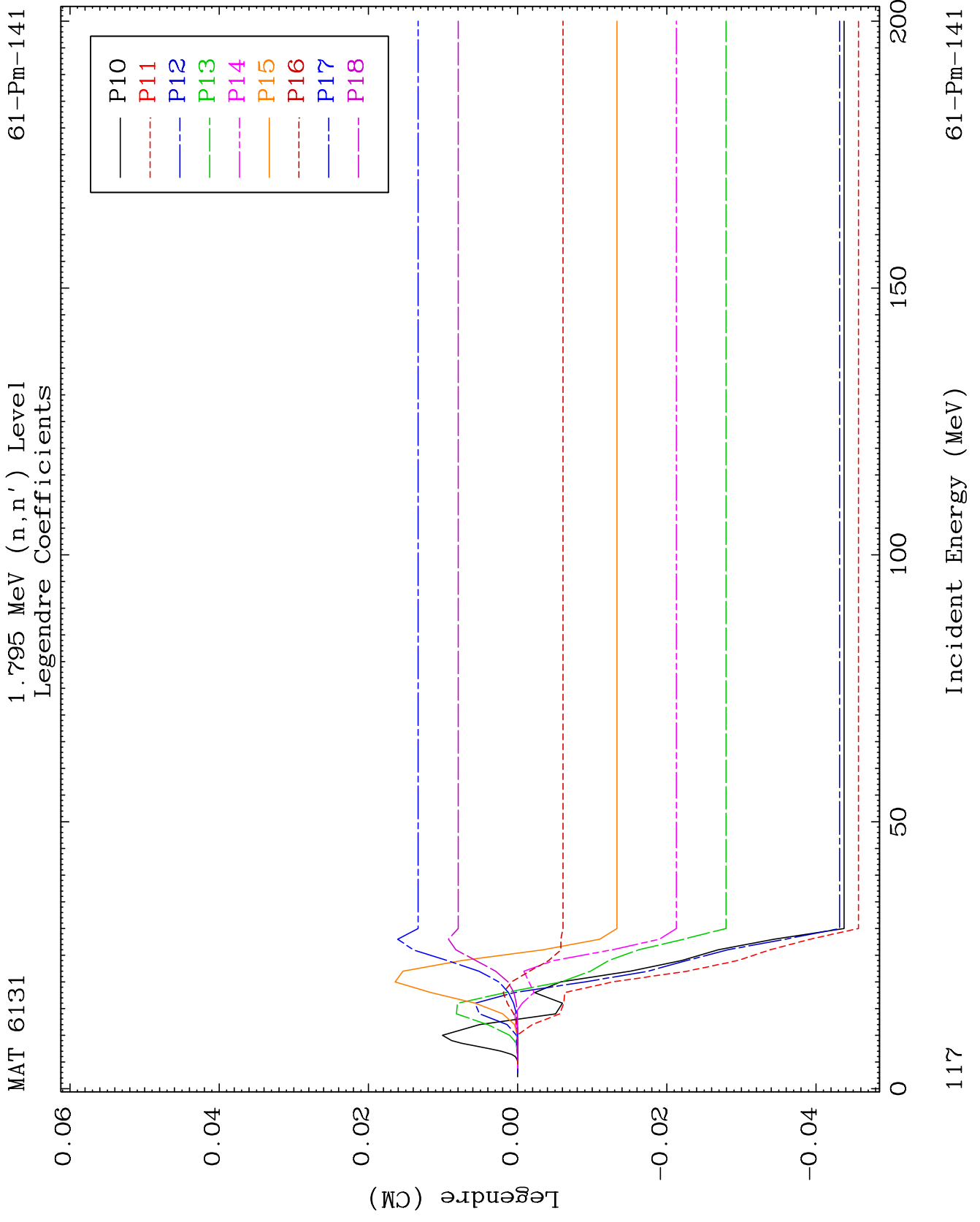


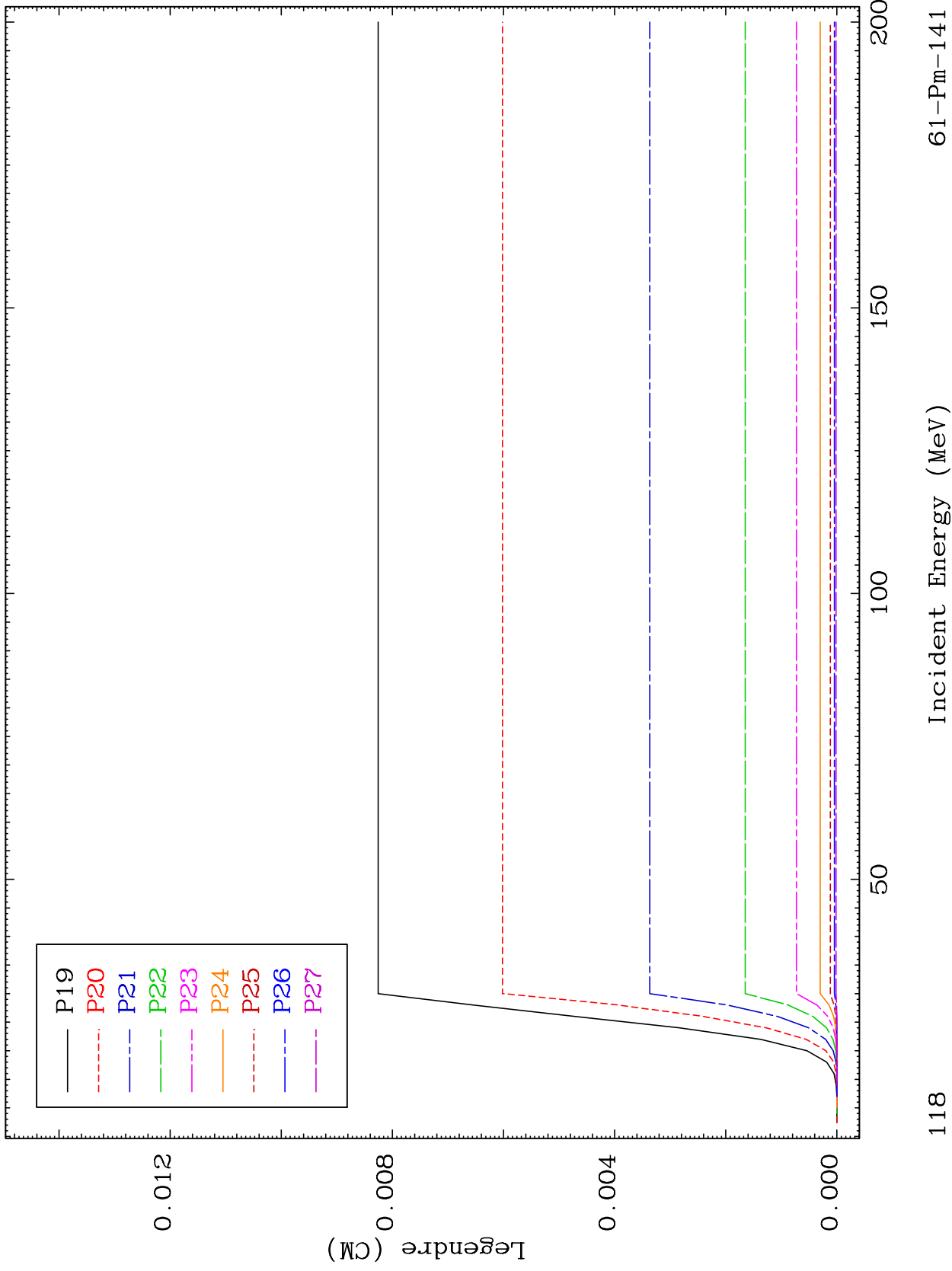


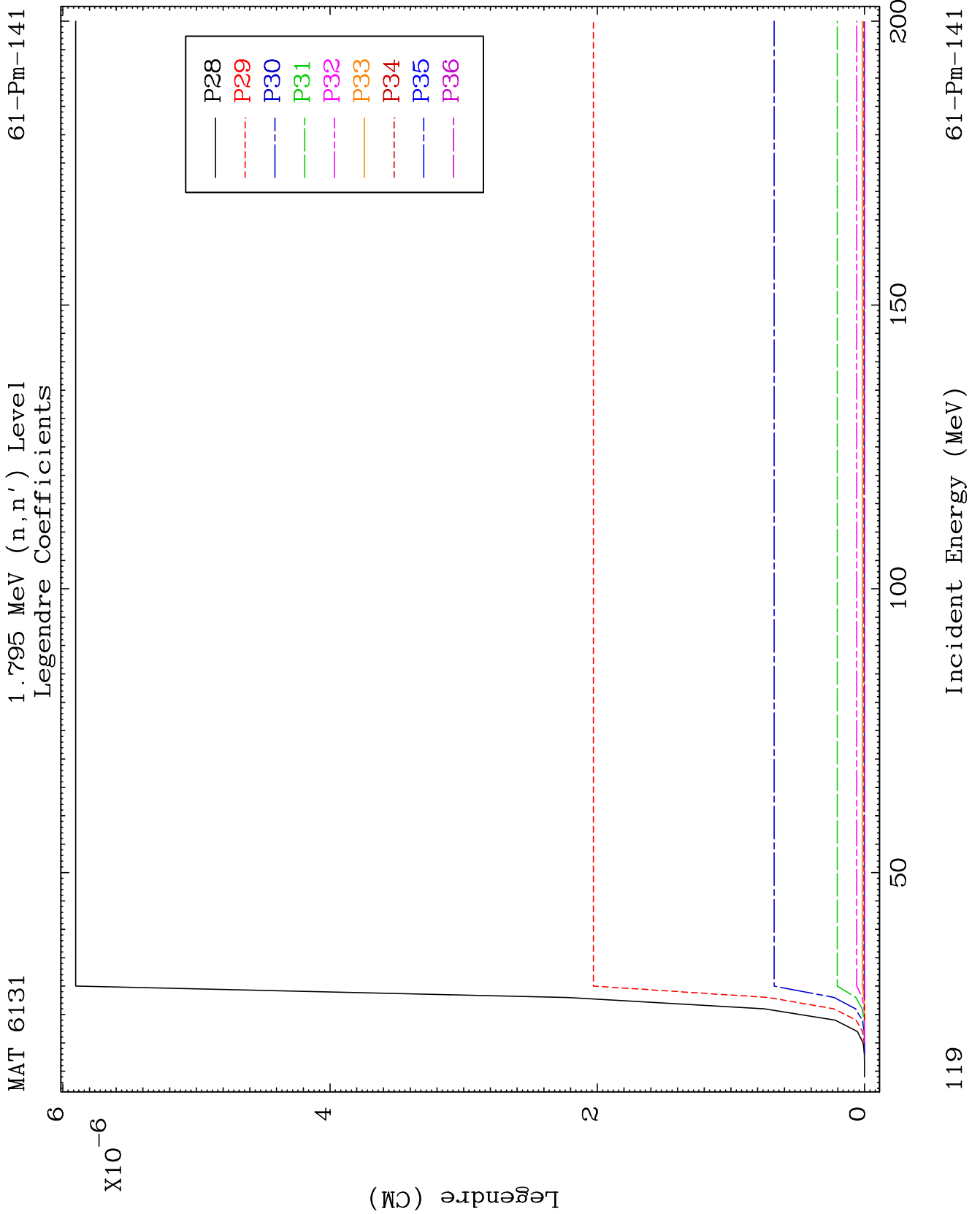
61-Pm-141

61-Pm-141

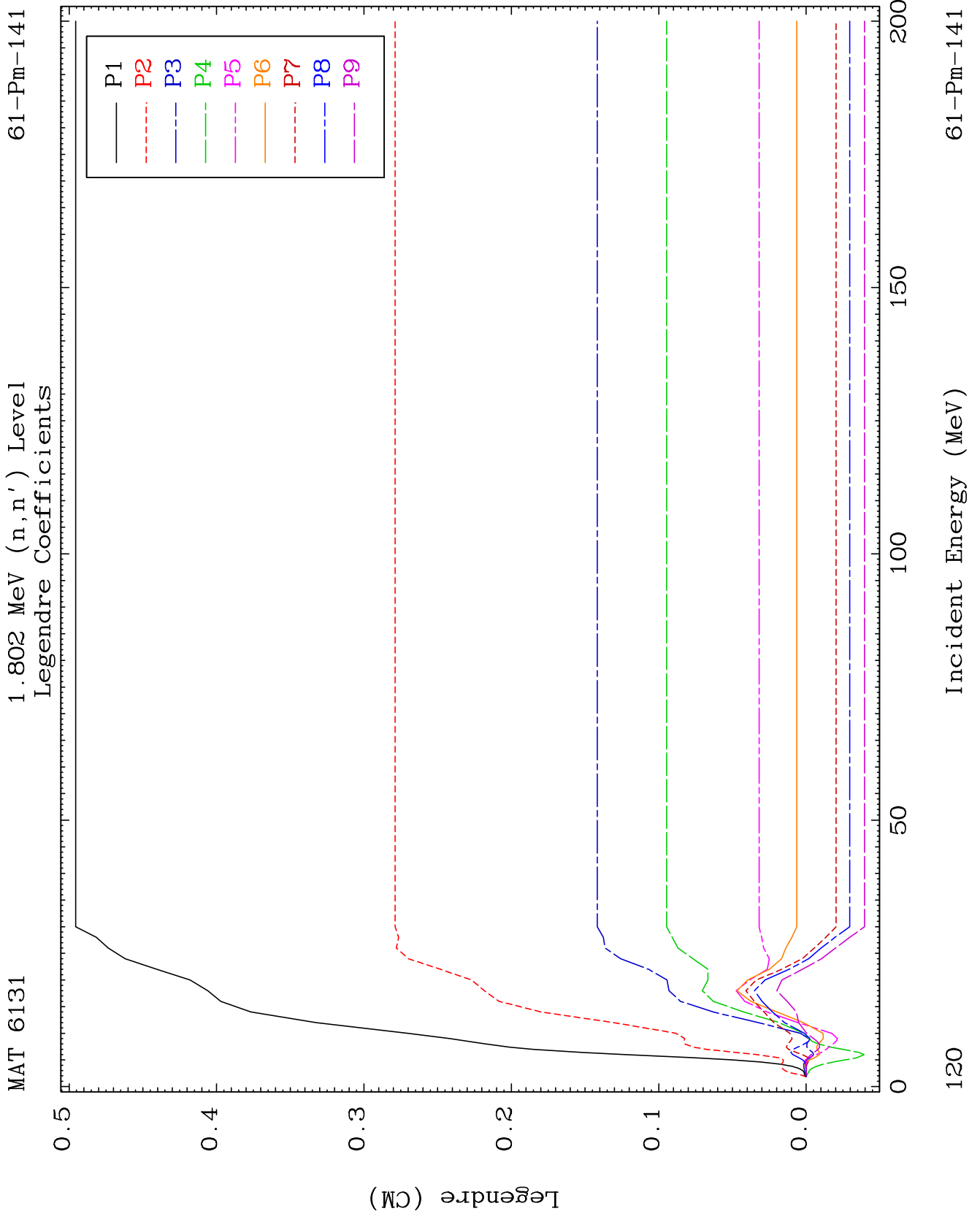
116

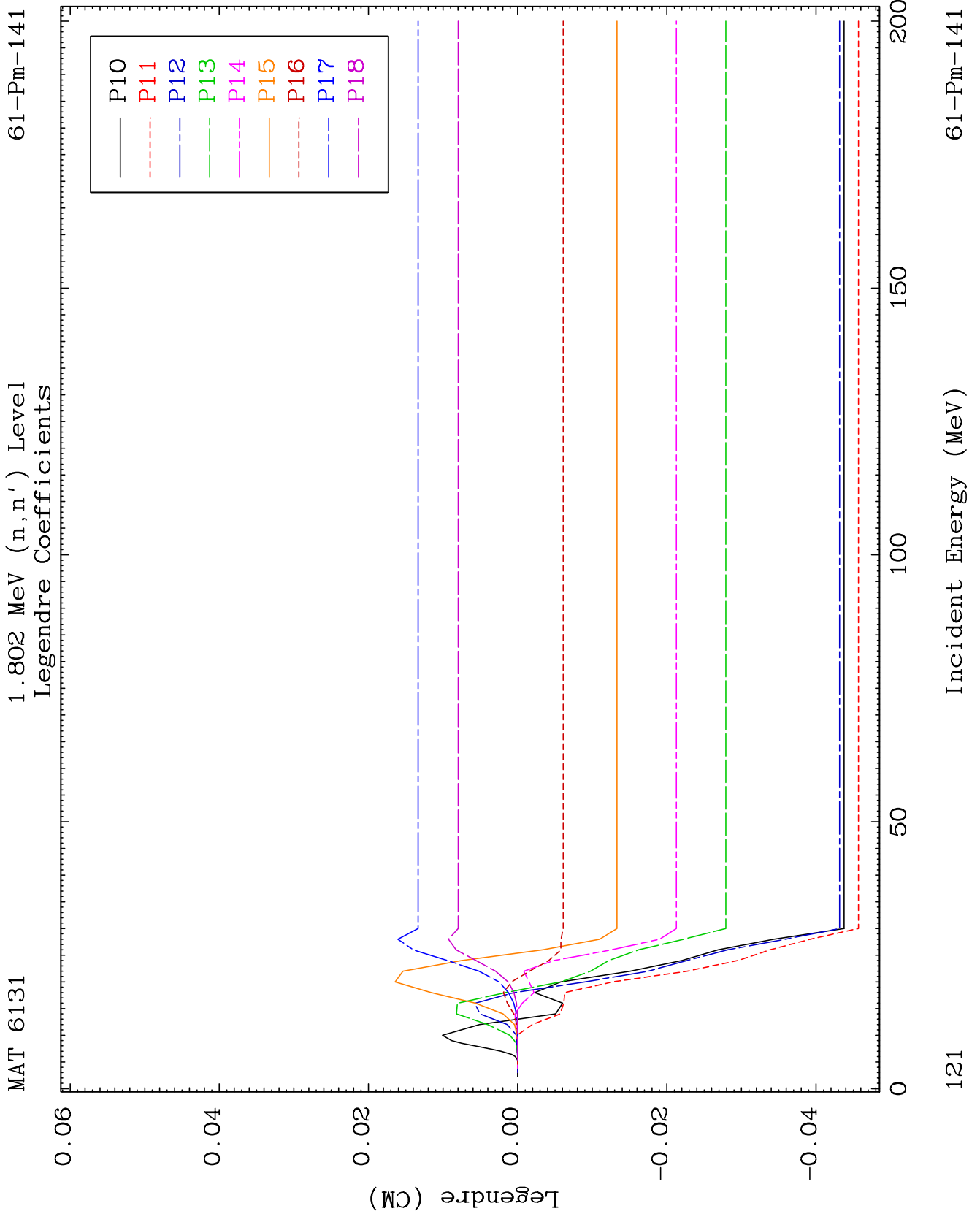








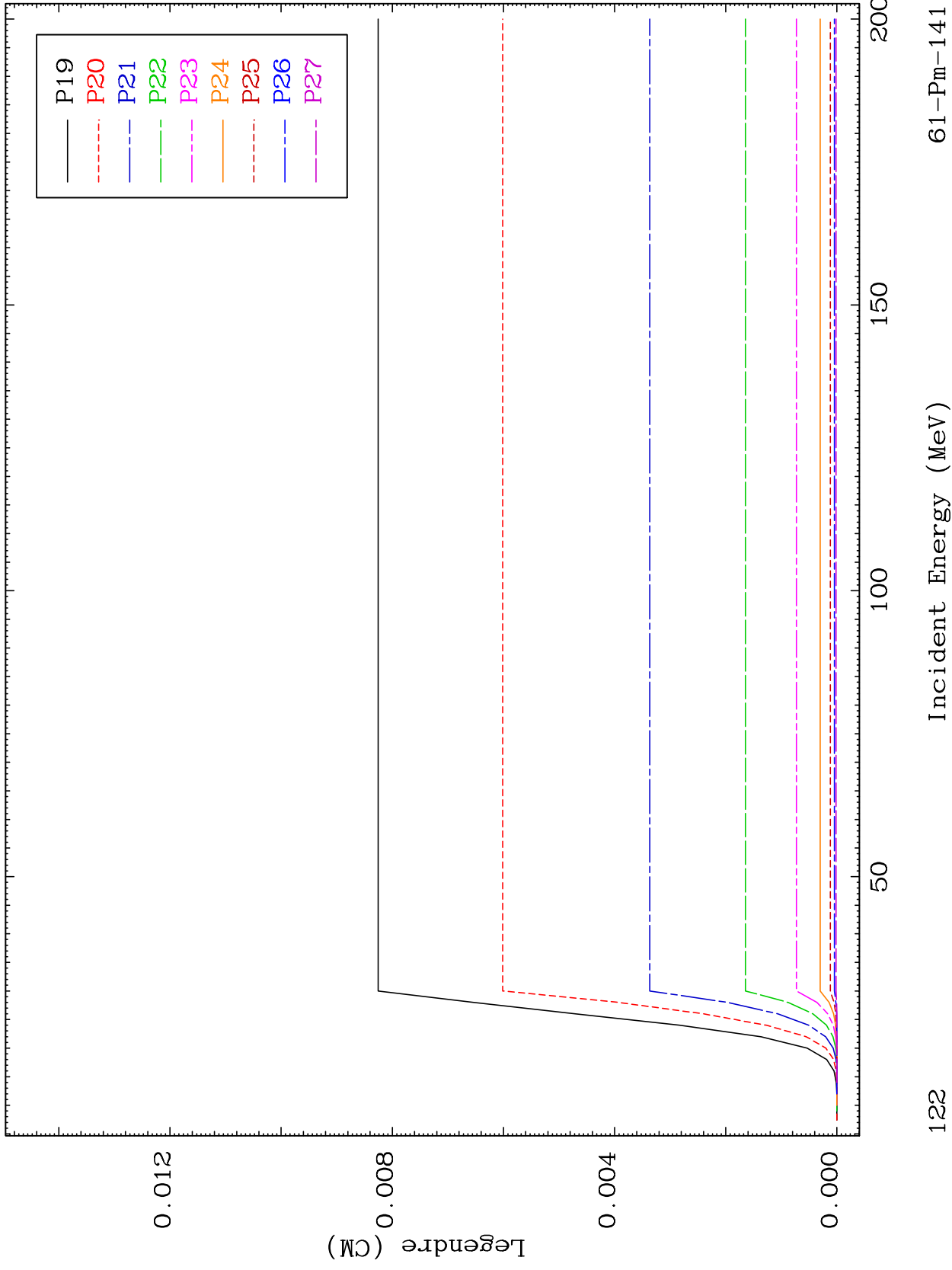




MAT 6131

1.802 MeV (n,n') Level  
Legendre Coefficients

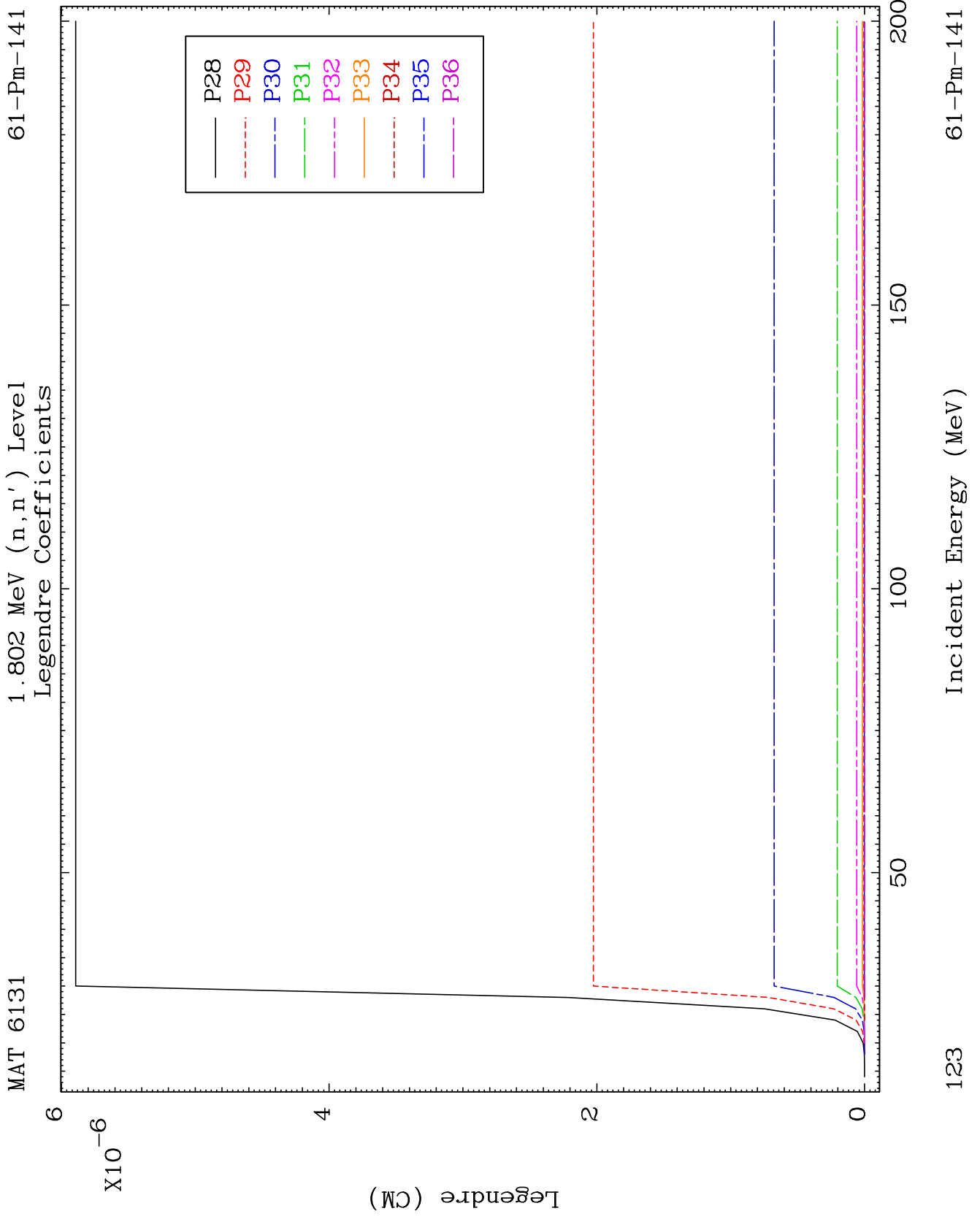
61-Pm-141

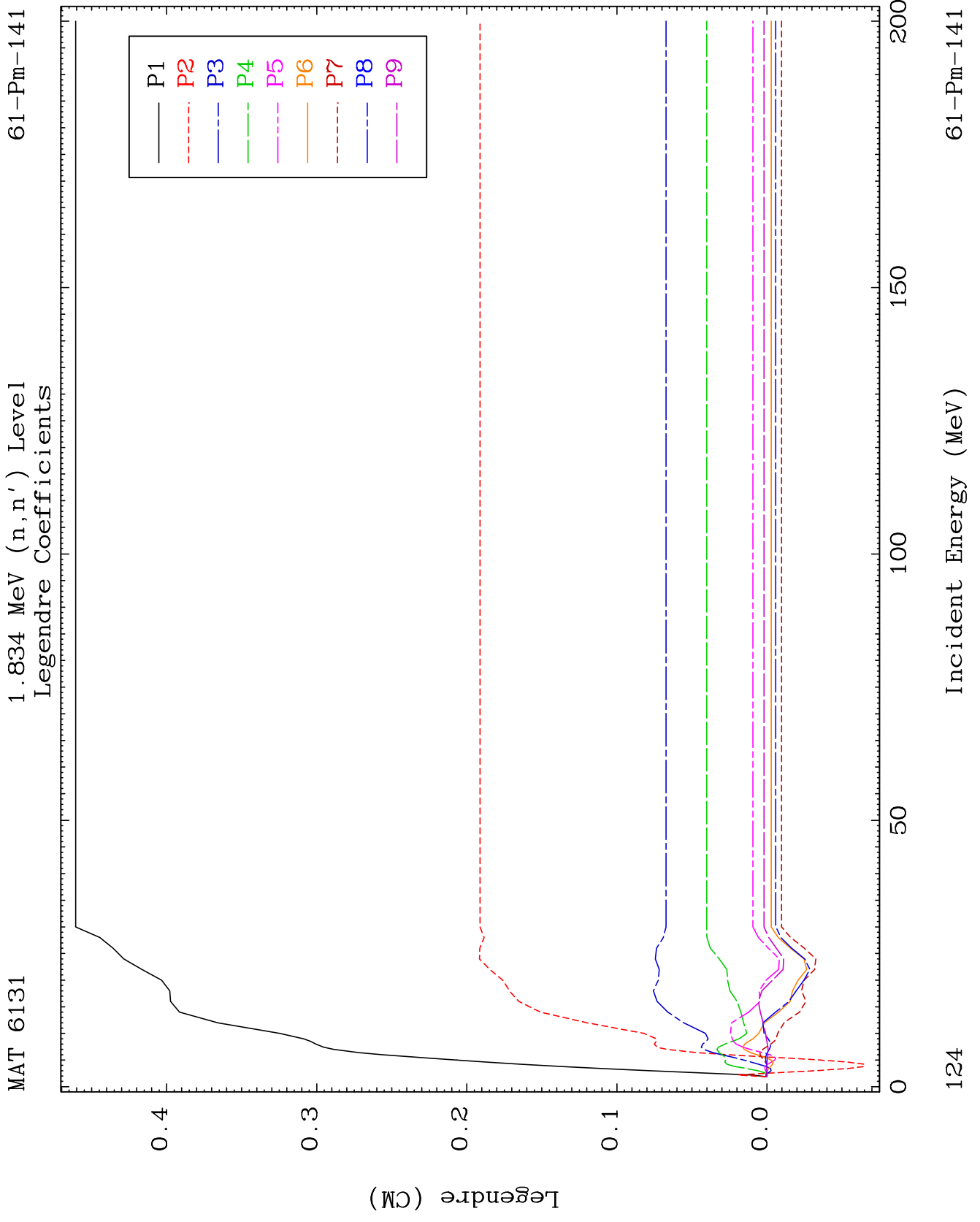


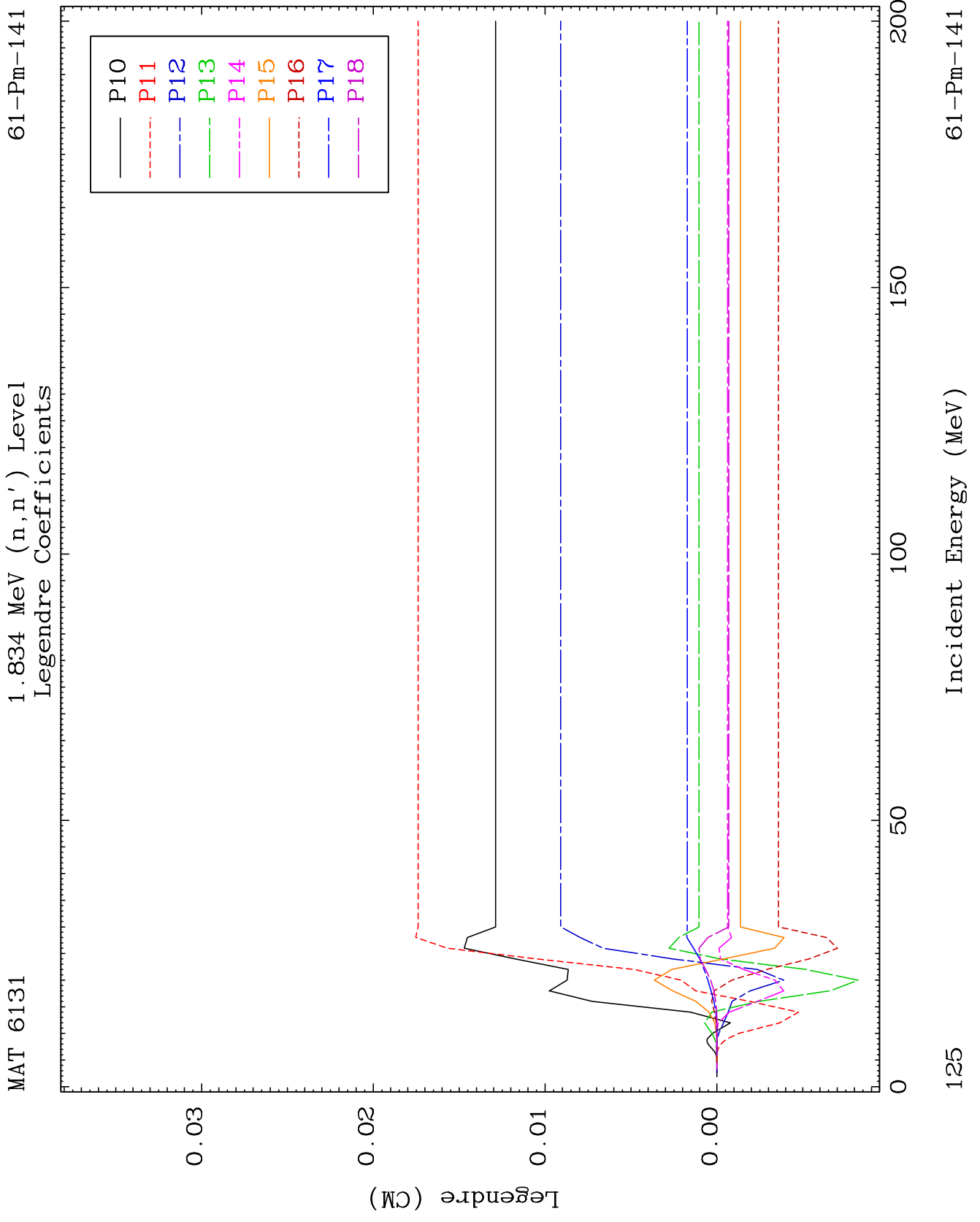
122

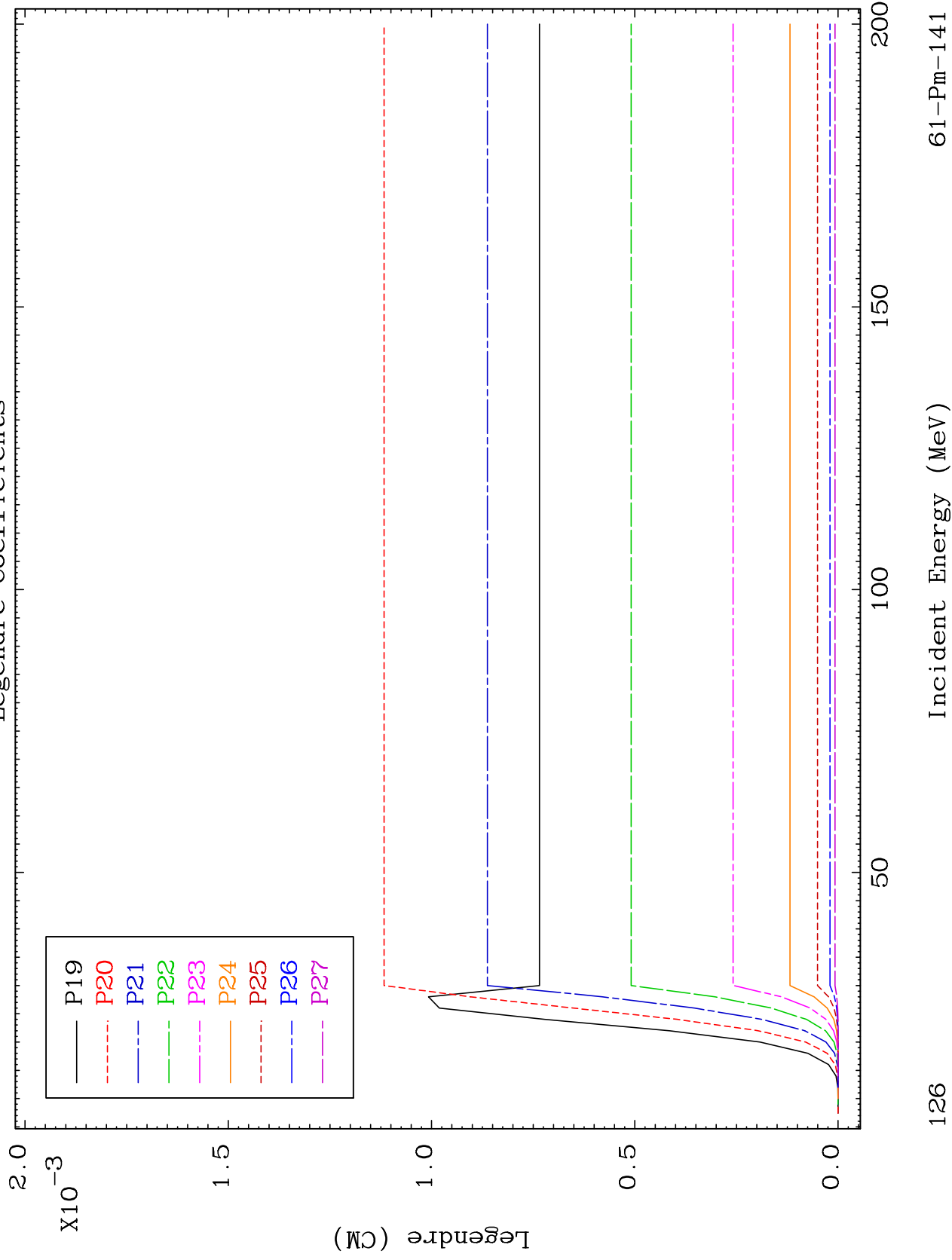
Incident Energy (MeV)

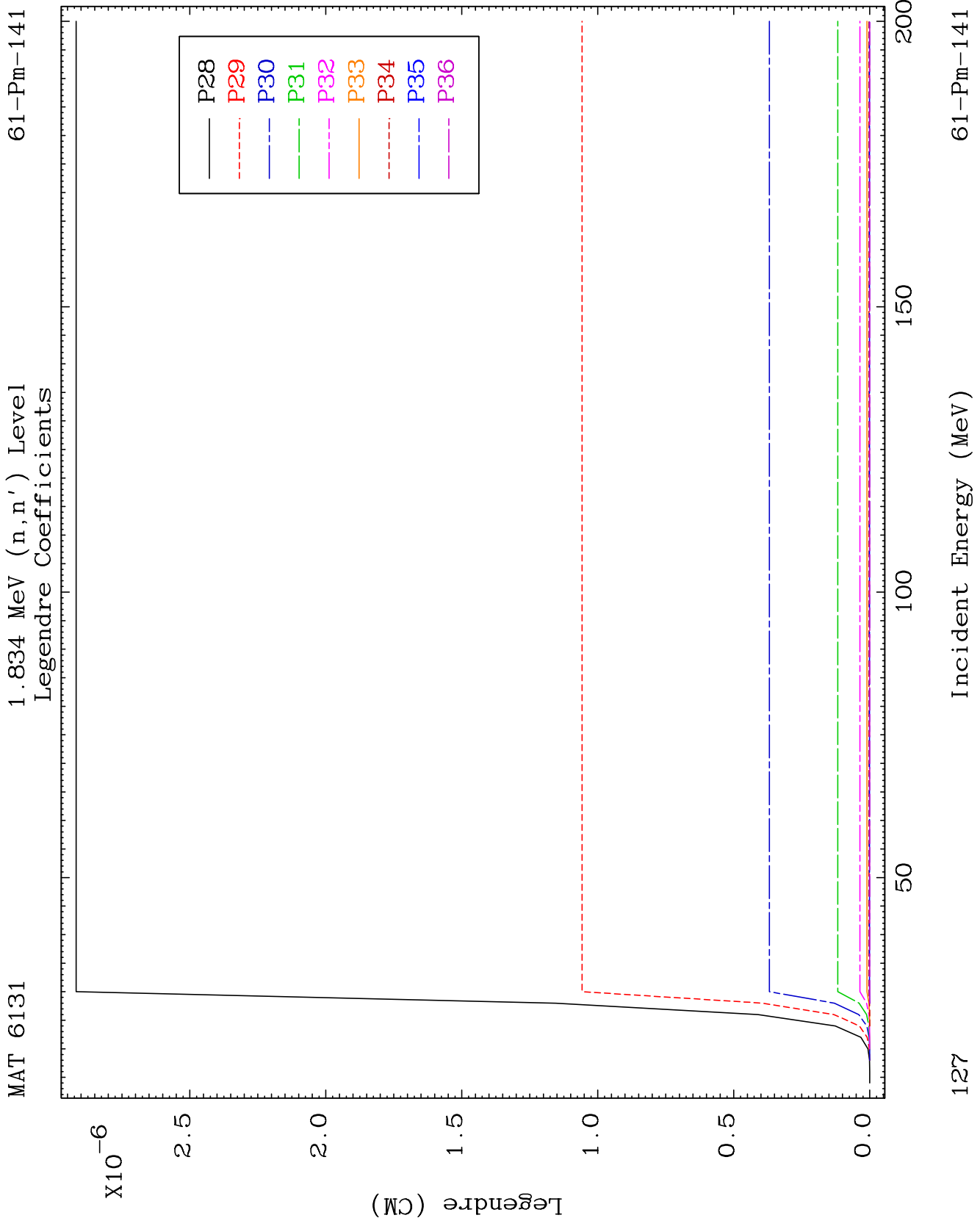
61-Pm-141









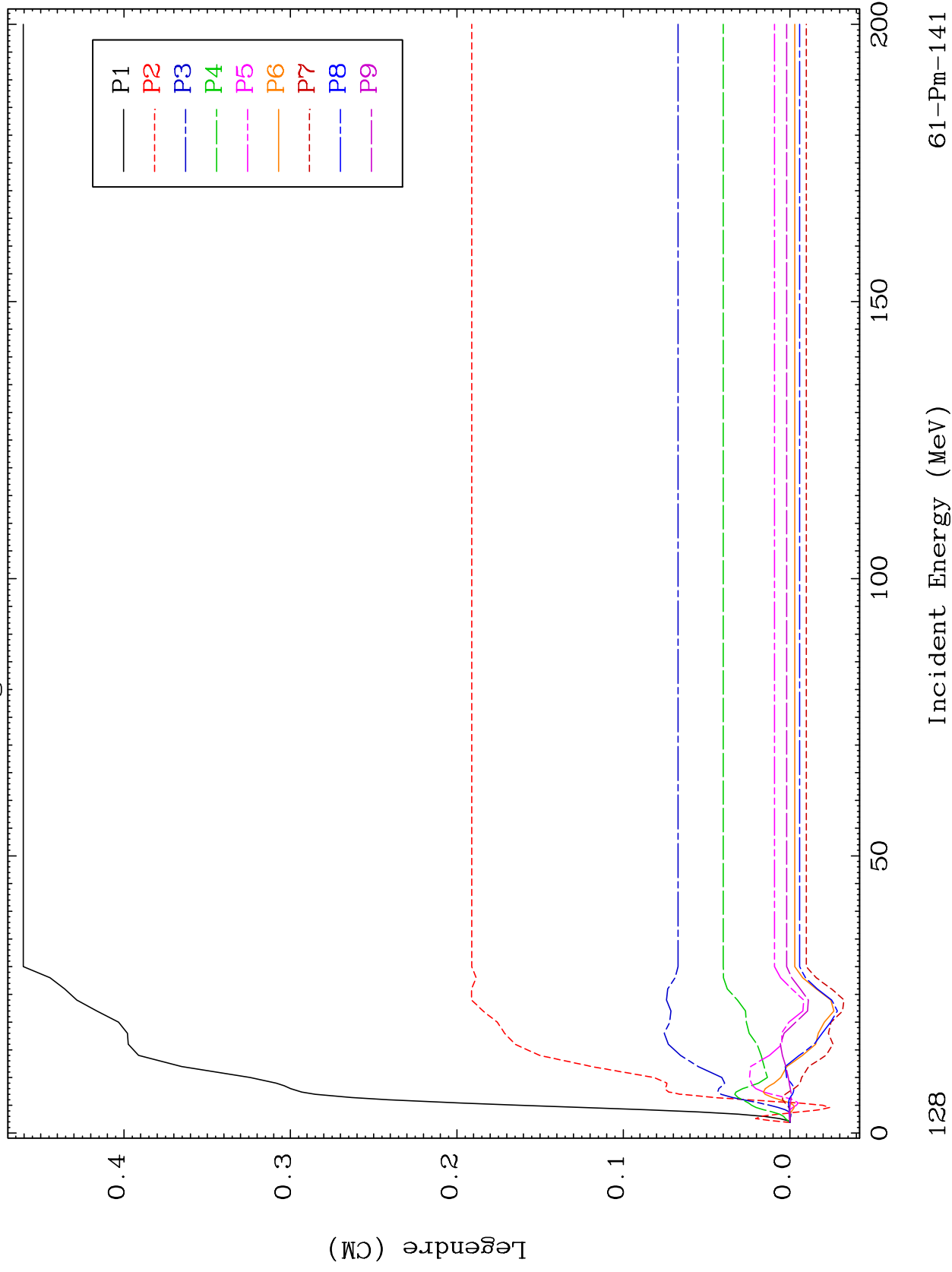




MAT 6131

1.875 MeV (n,n') Level  
Legendre Coefficients

61-Pm-141

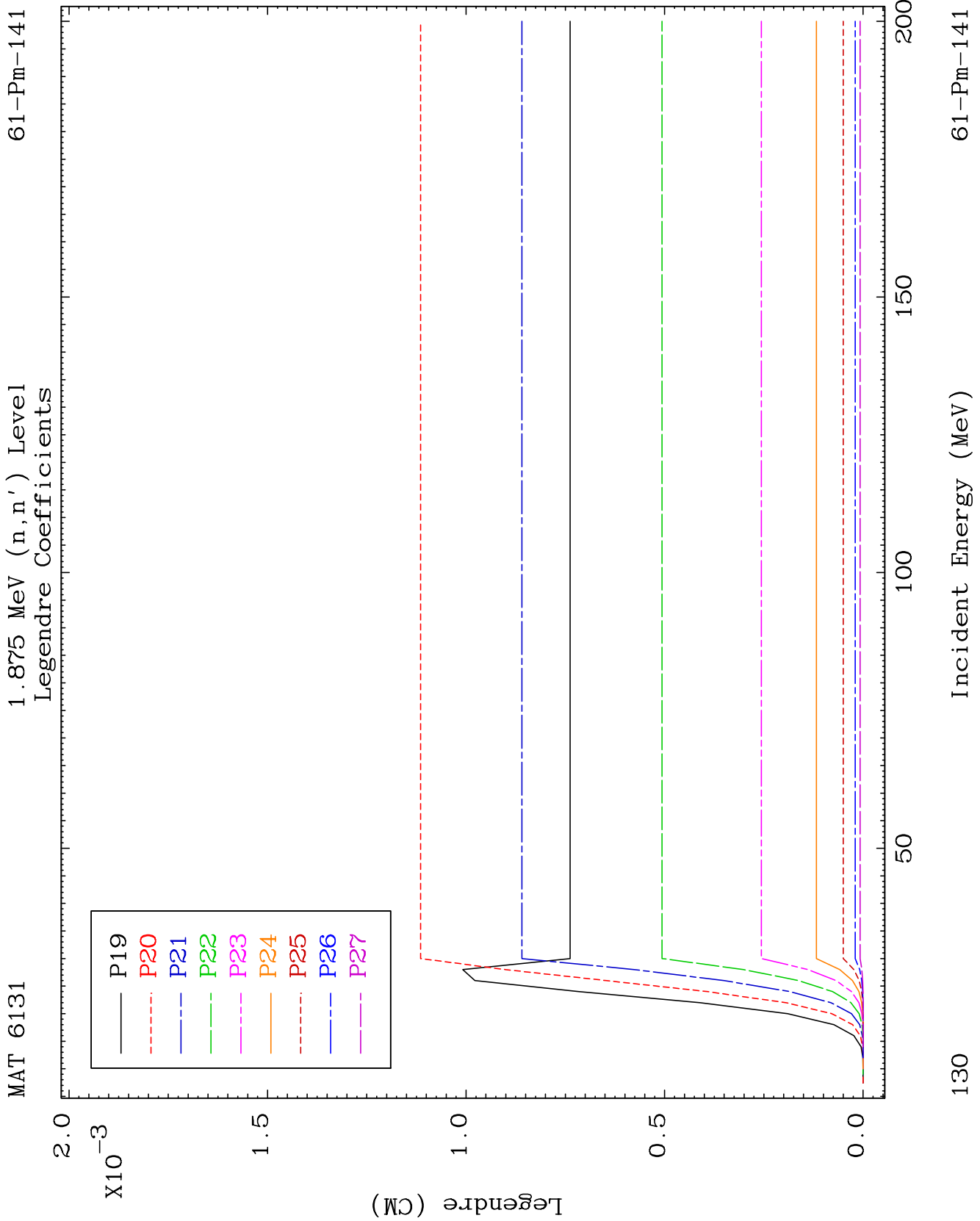


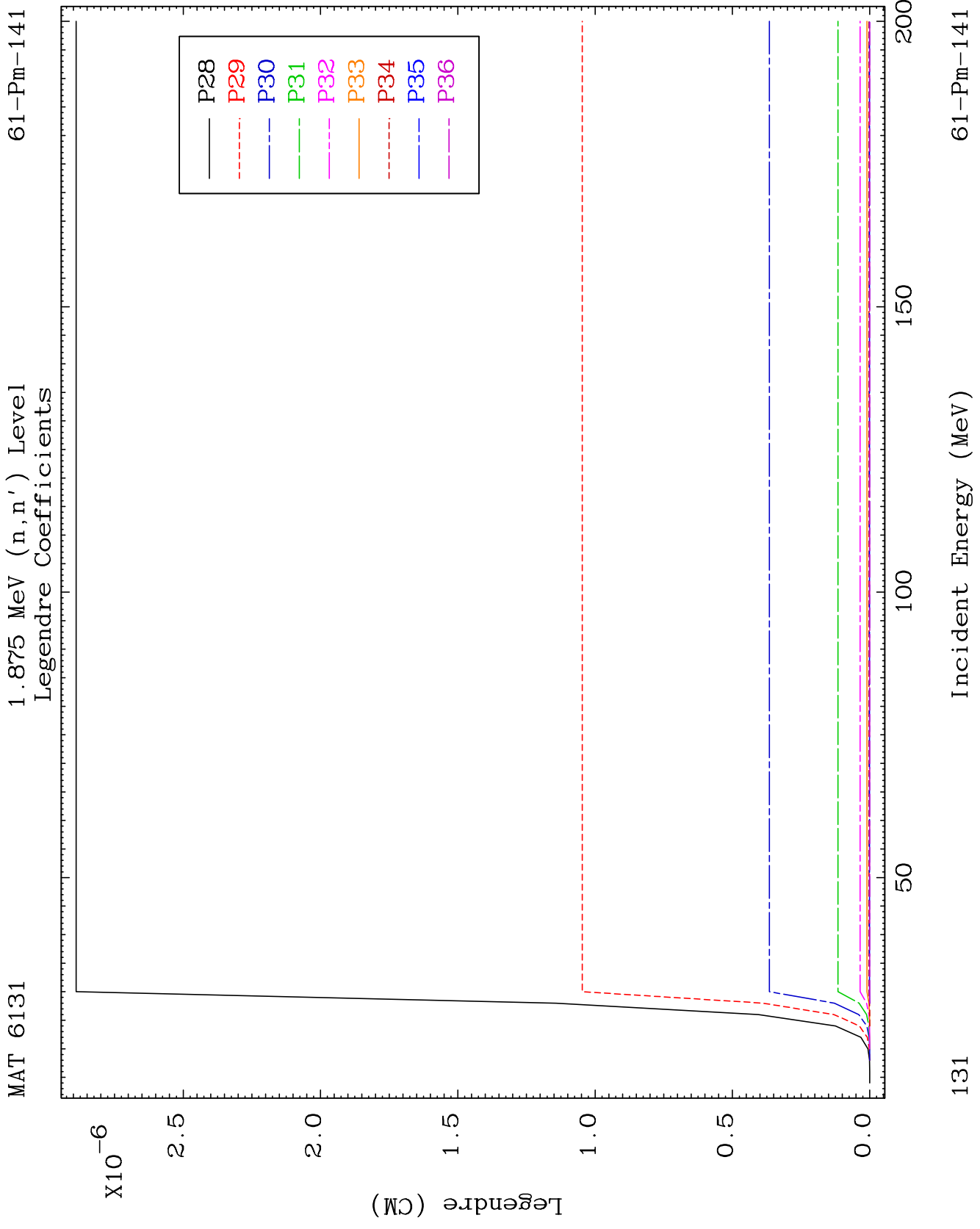
61-Pm-141

Incident Energy (MeV)

128



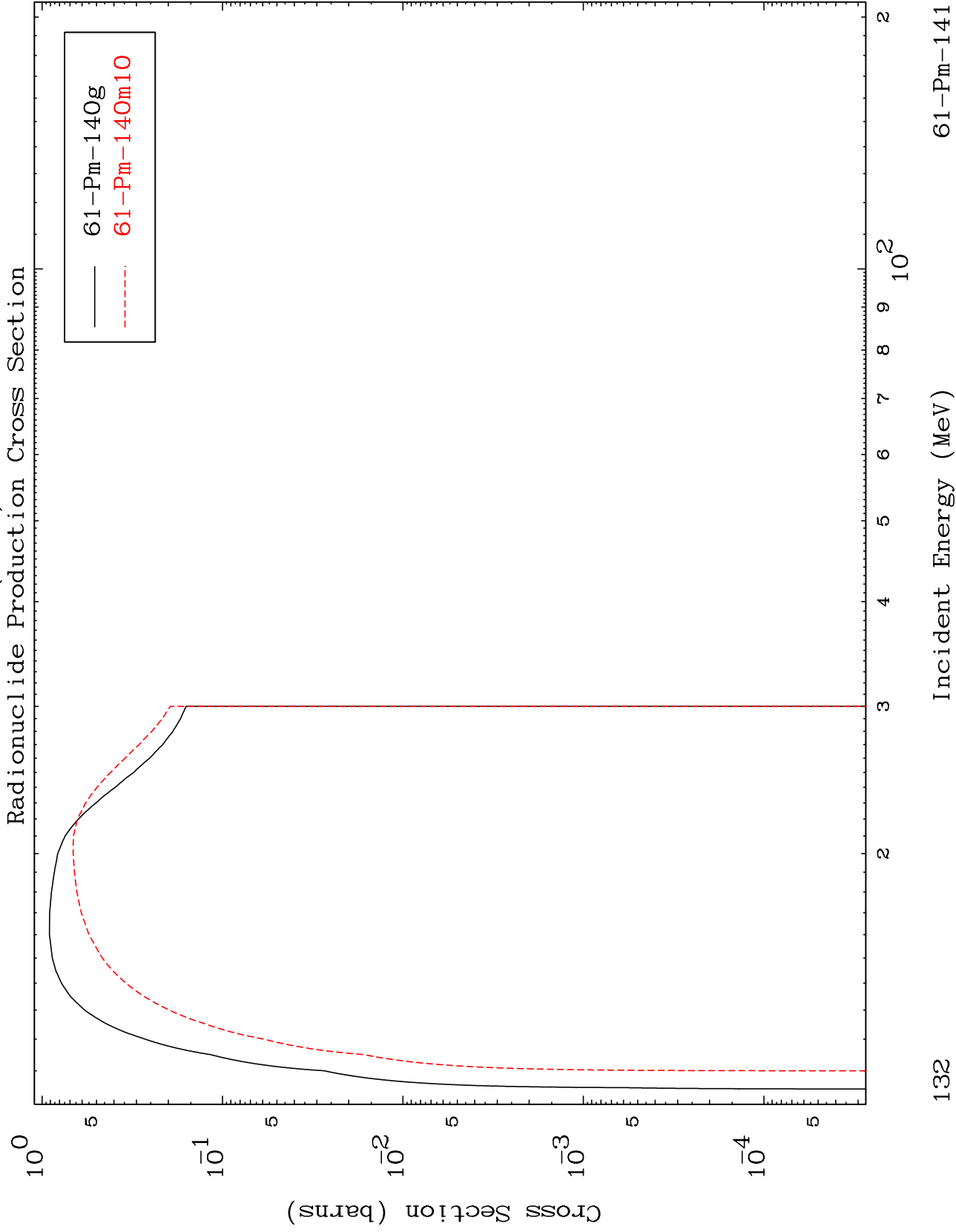




MAT 6131

(n,2n)

61-Pm-141



132

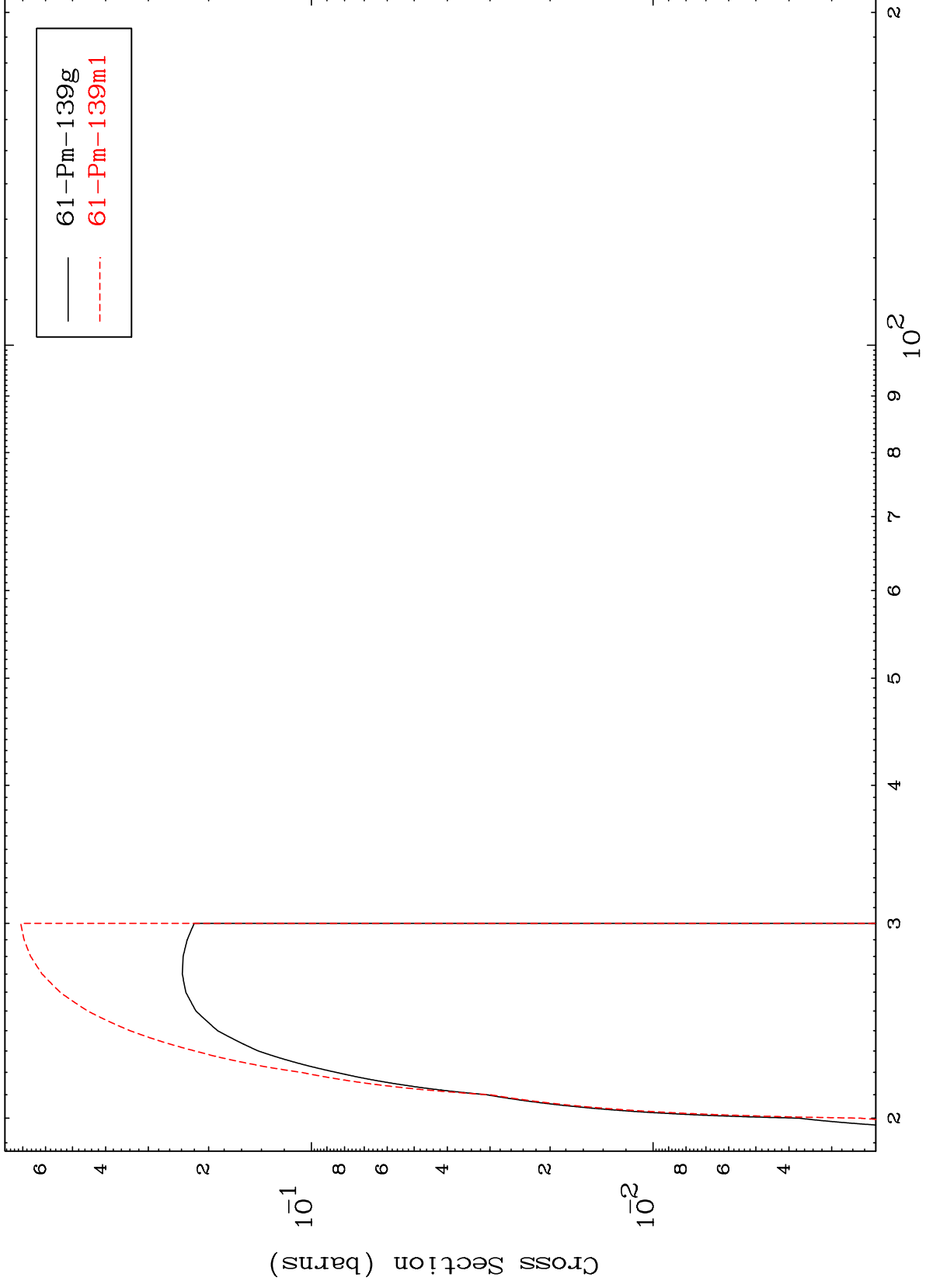
61-Pm-141

MAT 6131

(n,3n)

61-Pm-141

Radionuclide Production Cross Section



133

Incident Energy (MeV)

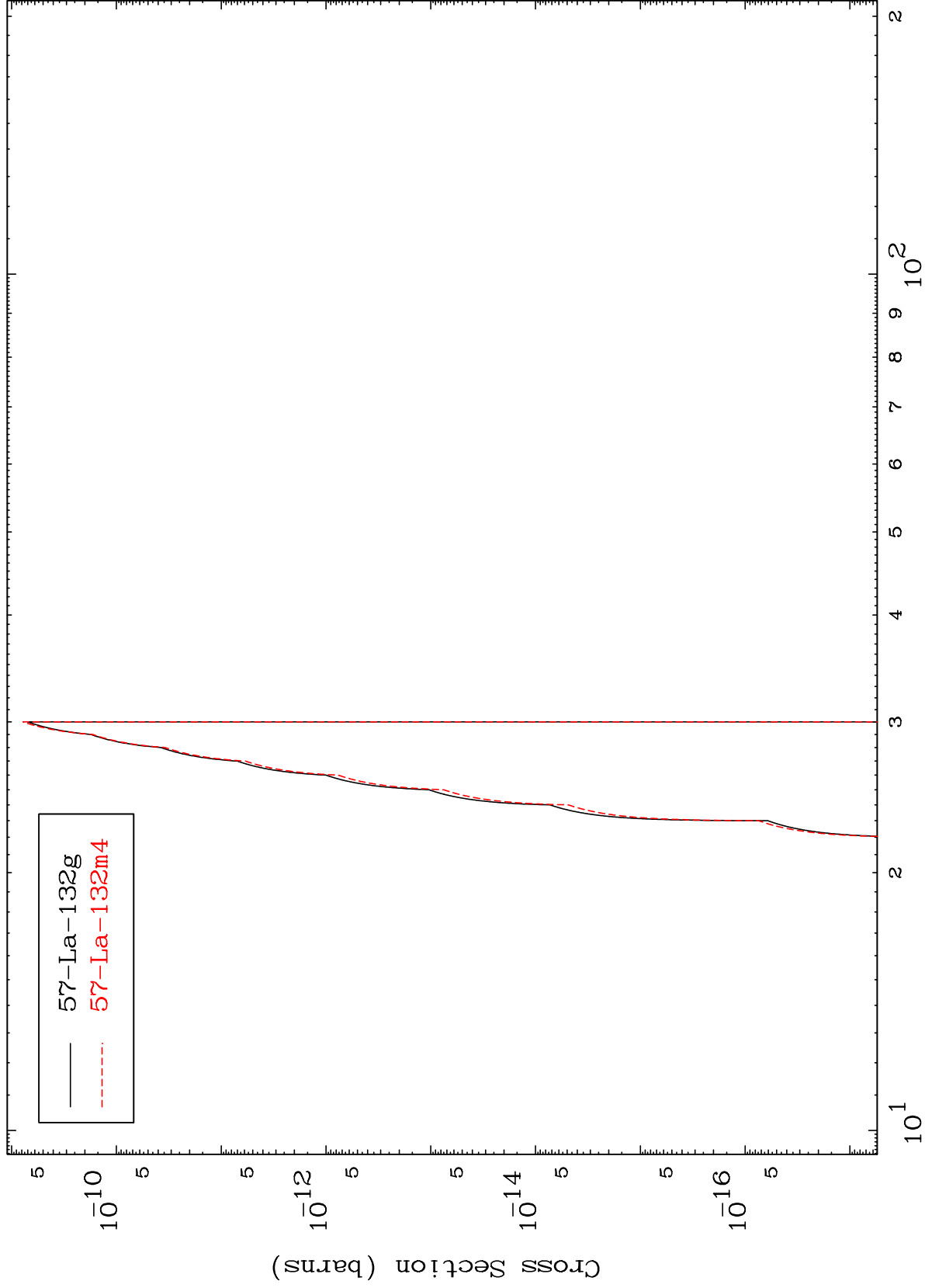
61-Pm-141

MAT 6131

(n,2n) 2 $\alpha$

61-Pm-141

Radionuclide Production Cross Section



134

Incident Energy (MeV)

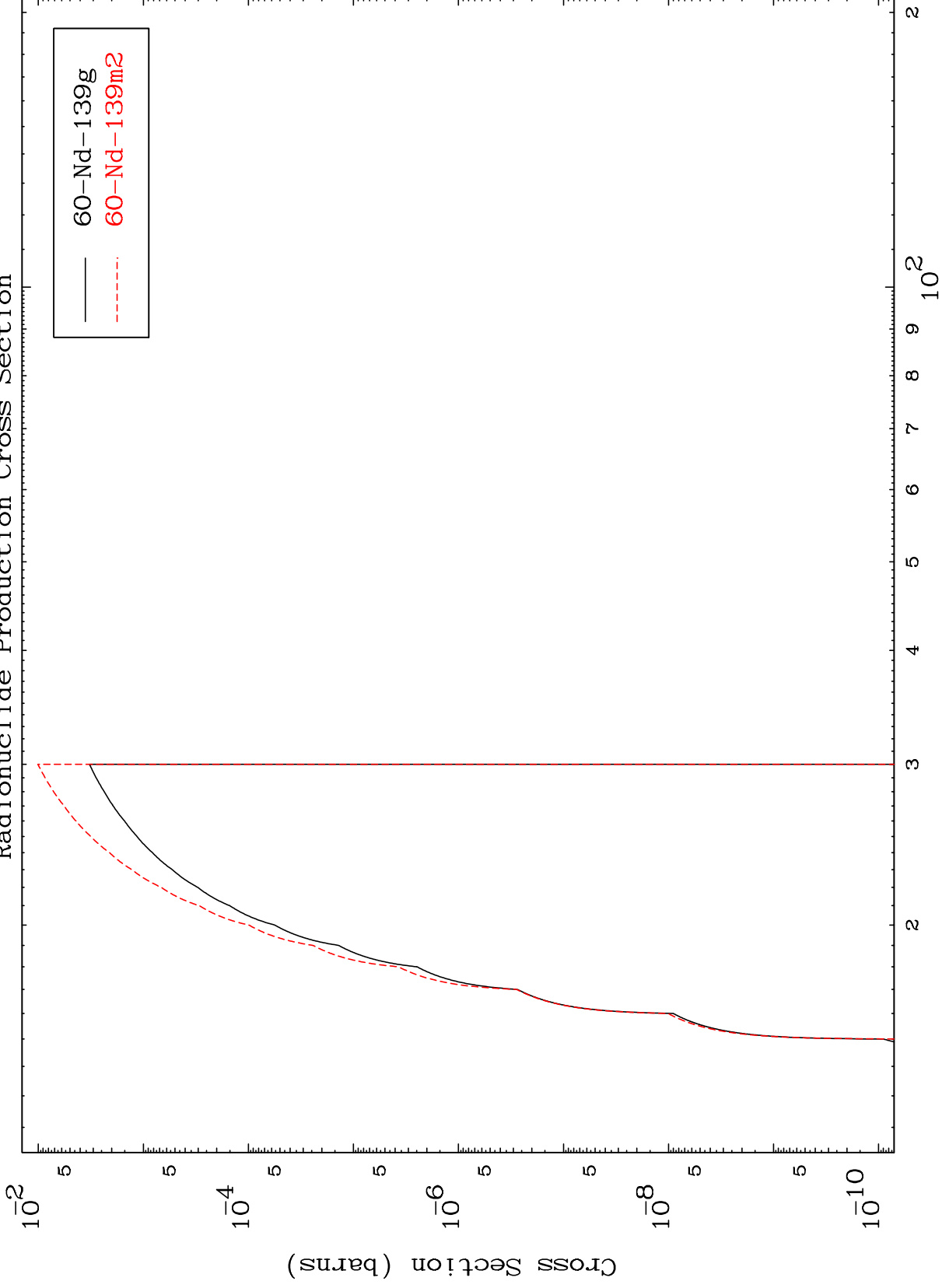
61-Pm-141

MAT 6131

(n,n') d

61-Pm-141

Radionuclide Production Cross Section



135

Incident Energy (MeV)

61-Pm-141

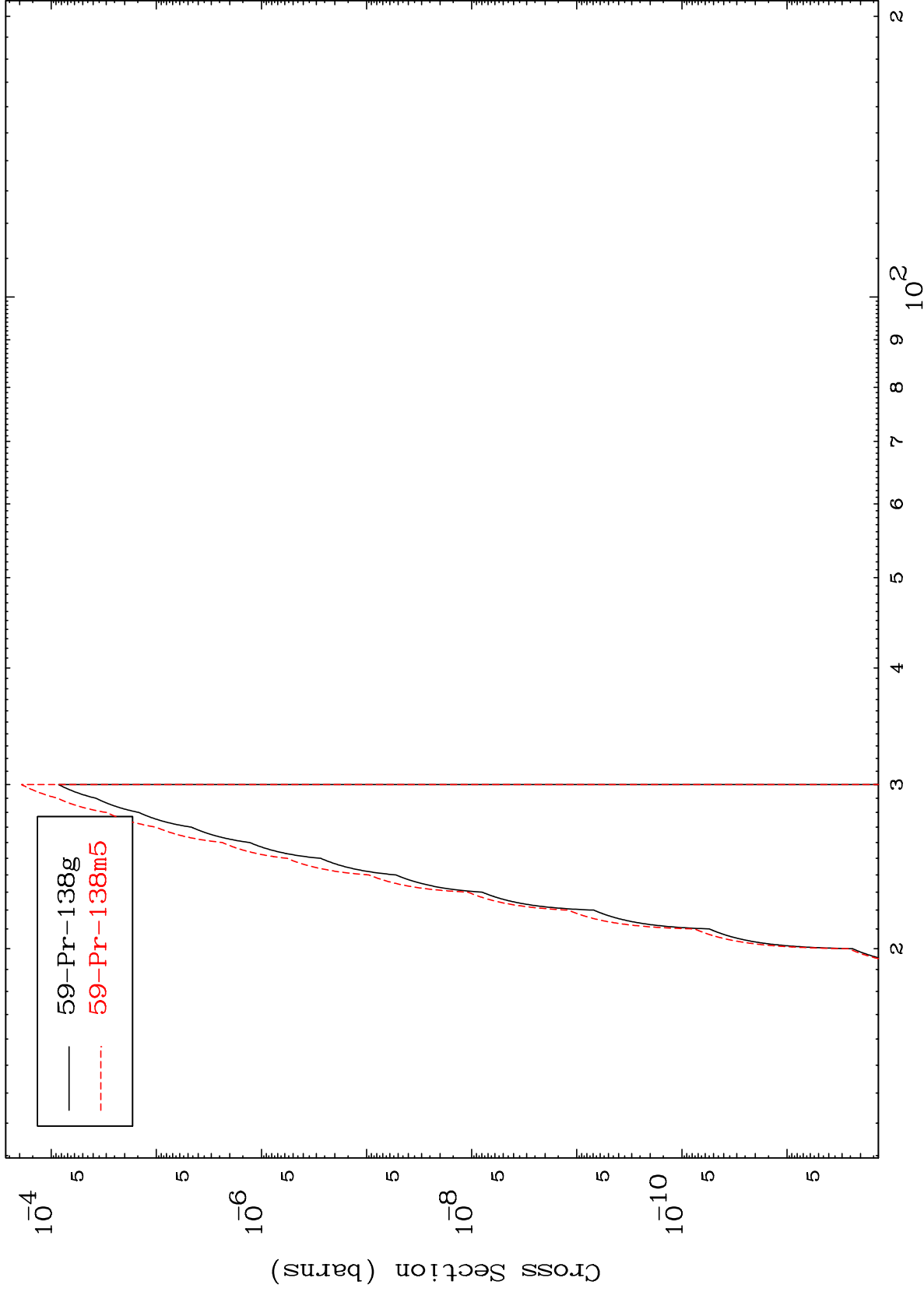


MAT 6131

(n,n') He-3

61-Pm-141

Radionuclide Production Cross Section



136

Incident Energy (MeV)

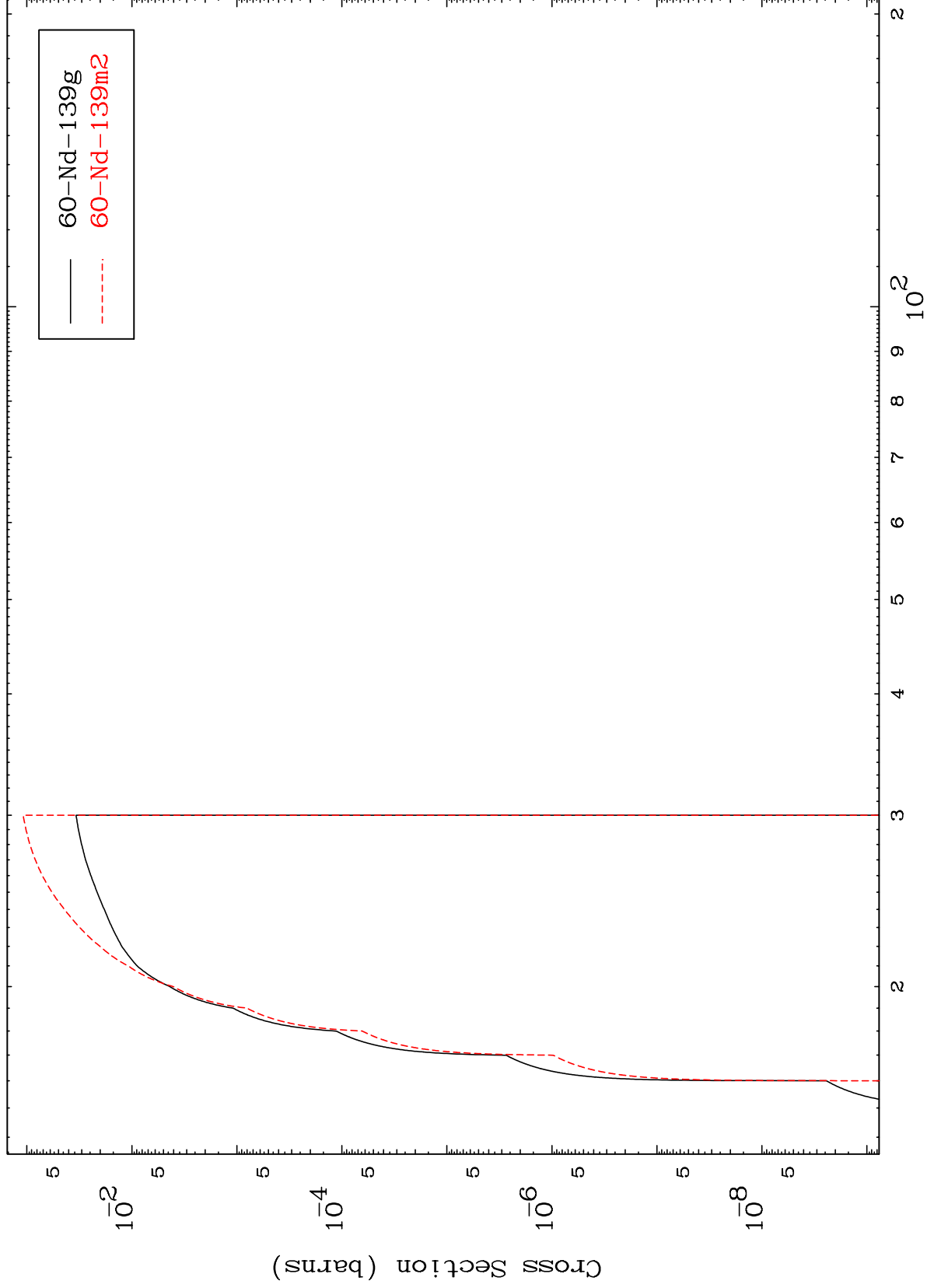
61-Pm-141

MAT 6131

(n,2n) p

61-Pm-141

Radionuclide Production Cross Section



137

Incident Energy (MeV)

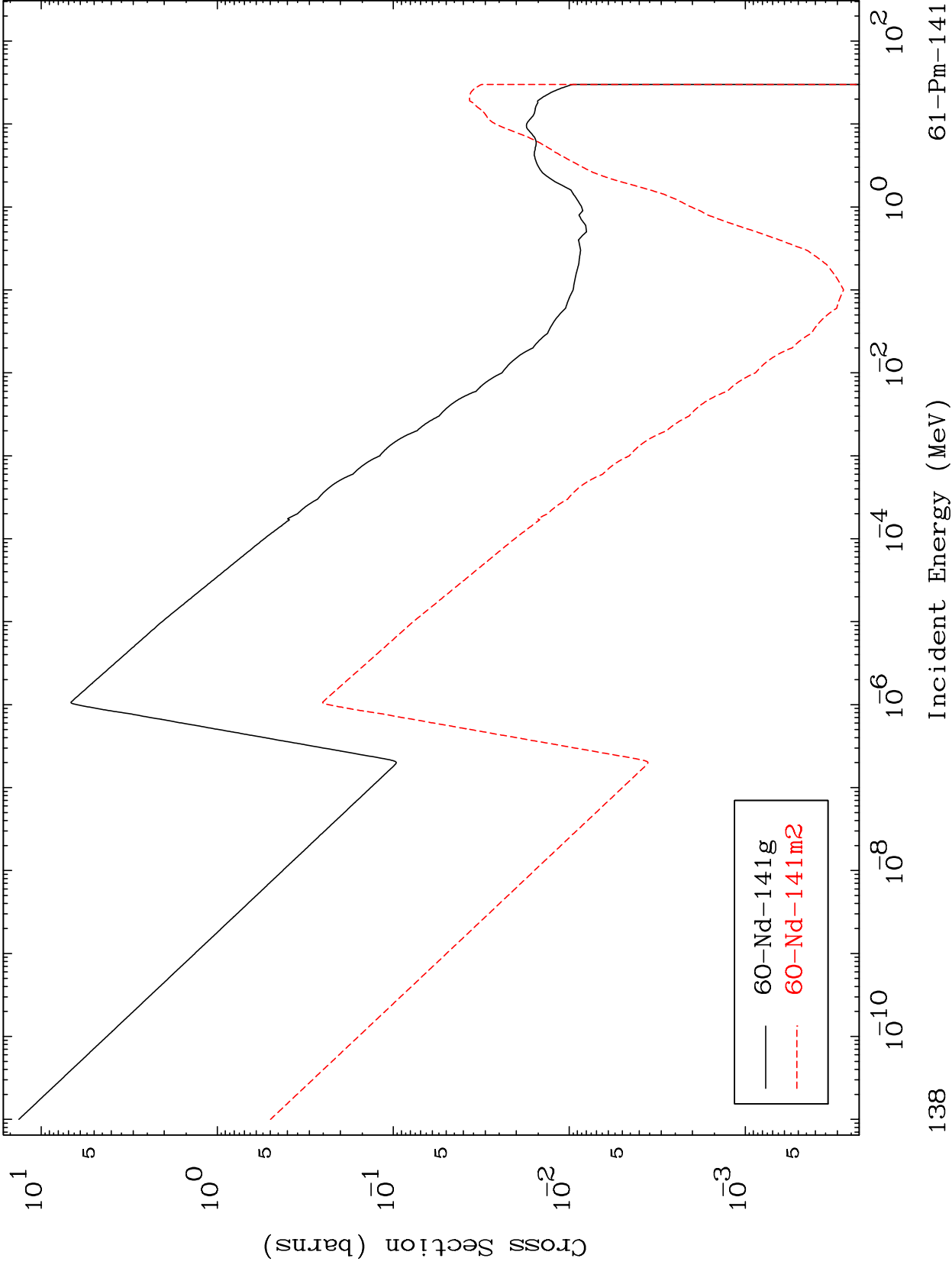
61-Pm-141

MAT 6131

61-Pm-141

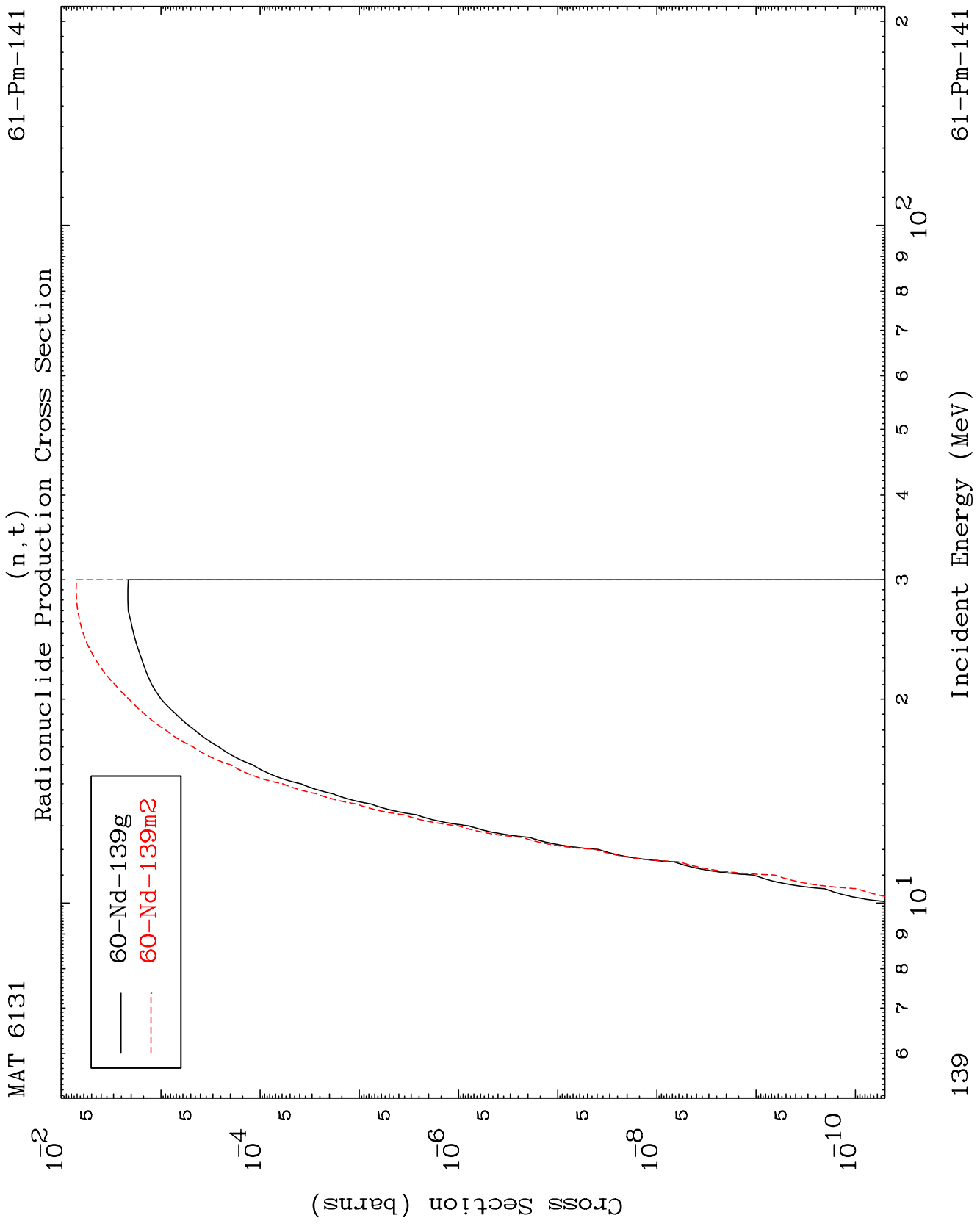
Radionuclide Production Cross Section

(n,p)



138

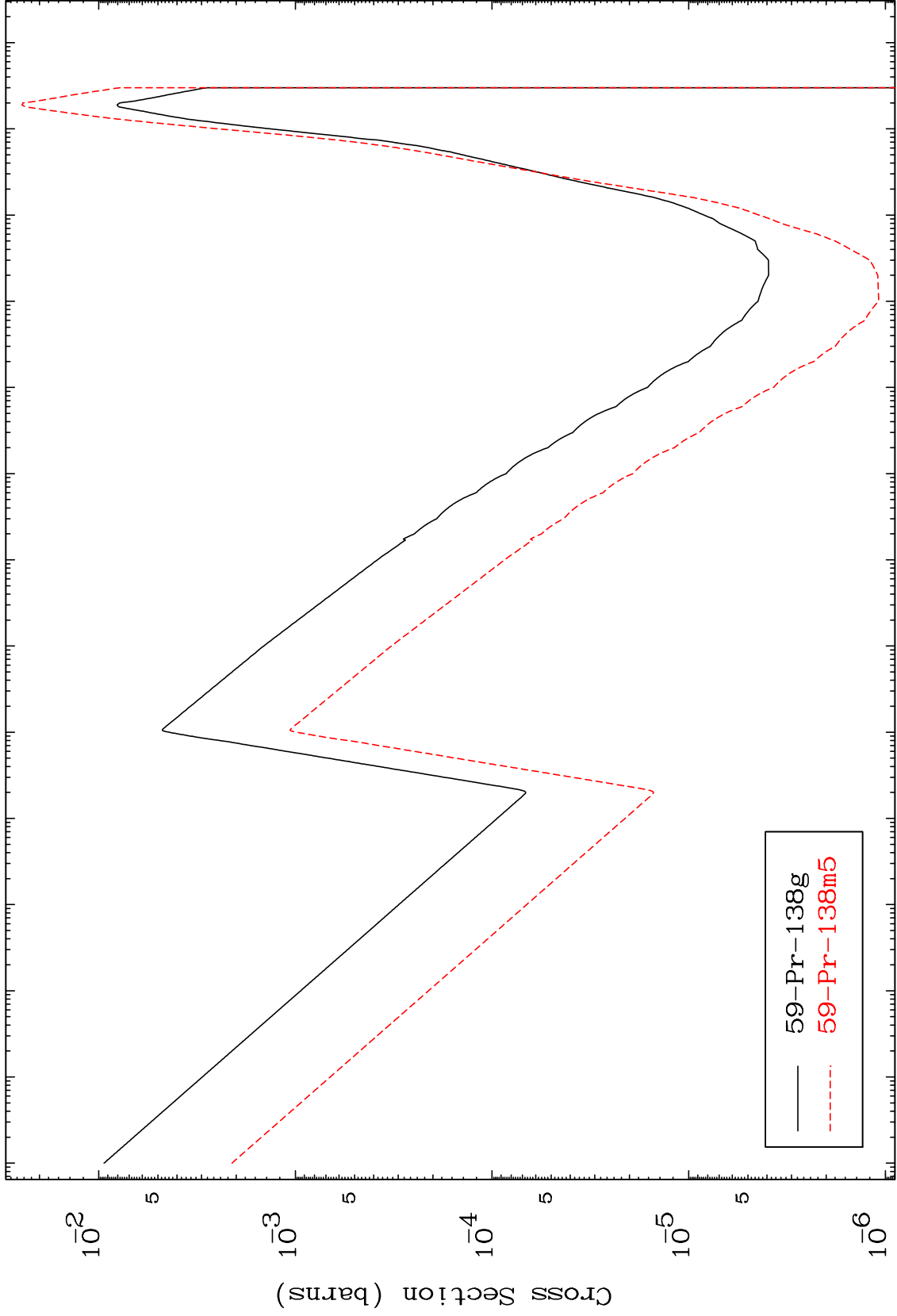
61-Pm-141



MAT 6131

61-Pm-141

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



— 59-Pr-138g  
- - - 59-Pr-138m5

140

Incident Energy (MeV)

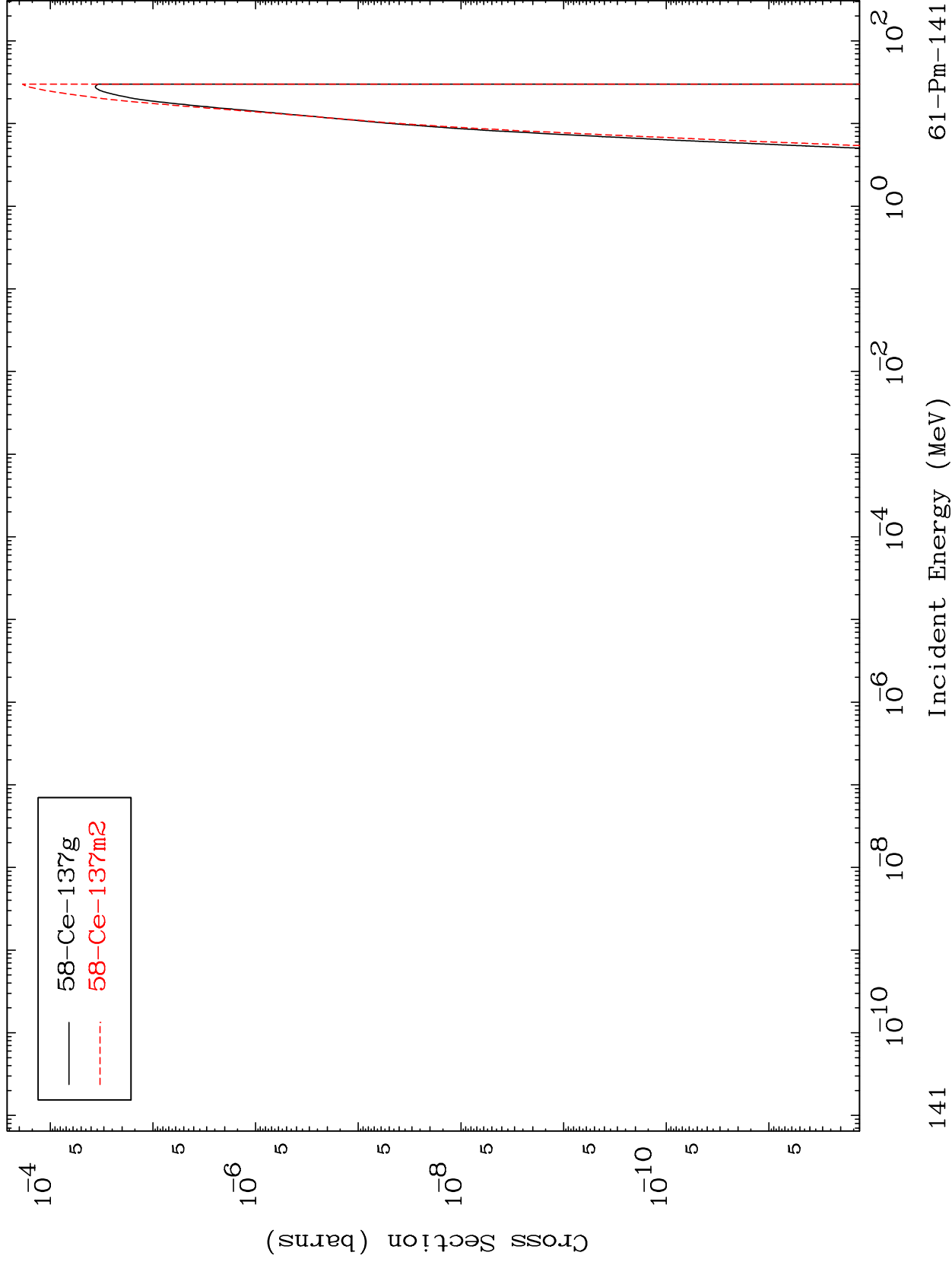
61-Pm-141

MAT 6131

(n,p)  $\alpha$

61-Pm-141

Radionuclide Production Cross Section



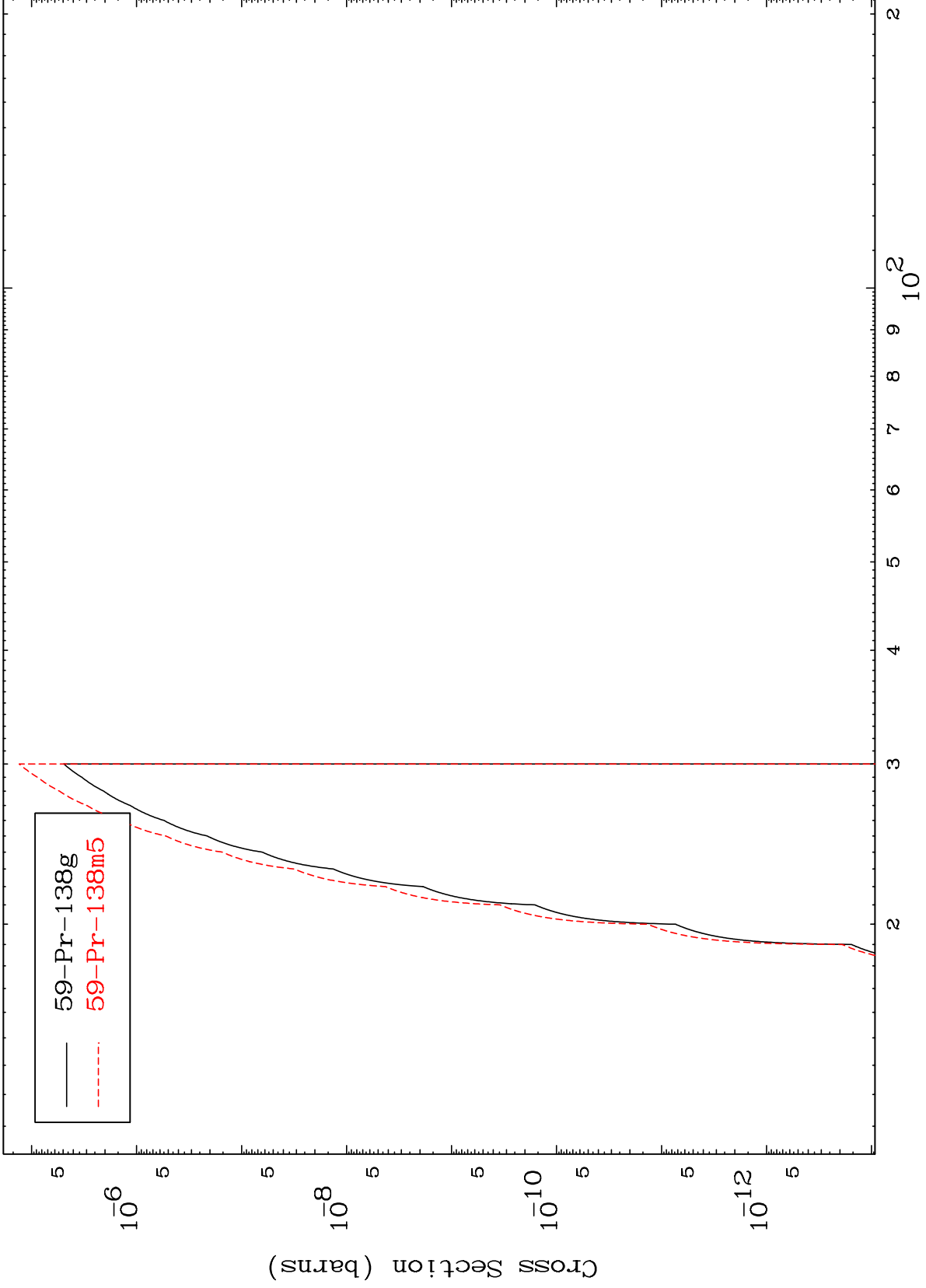
141

MAT 6131

(n,p) t

61-Pm-141

Radionuclide Production Cross Section



142

Incident Energy (MeV)

61-Pm-141