

Program EVALPLOT
(Version 2017-1)

by

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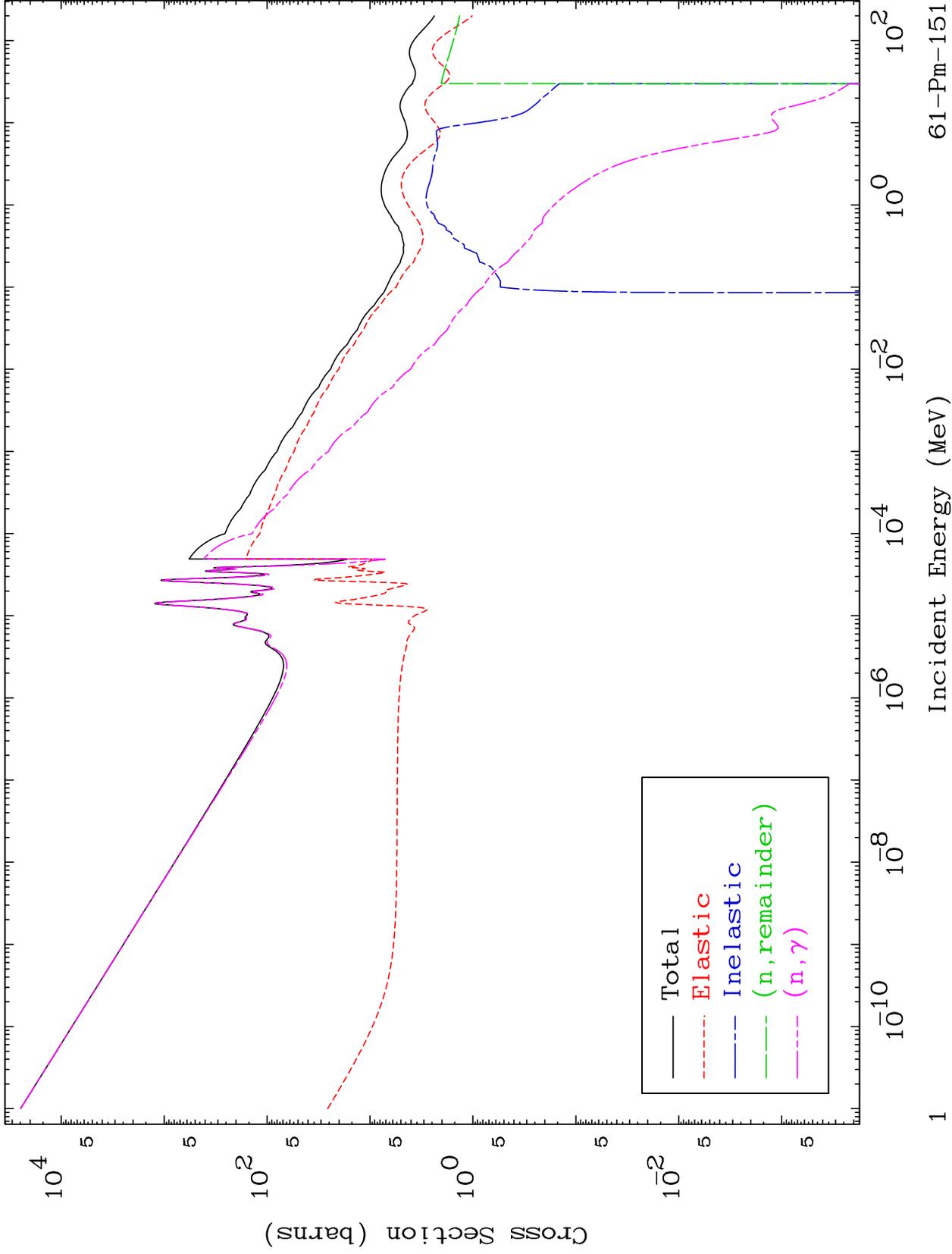
Press Mouse Button to Start

MAT 6161

Major

293 Kelvin Cross Sections

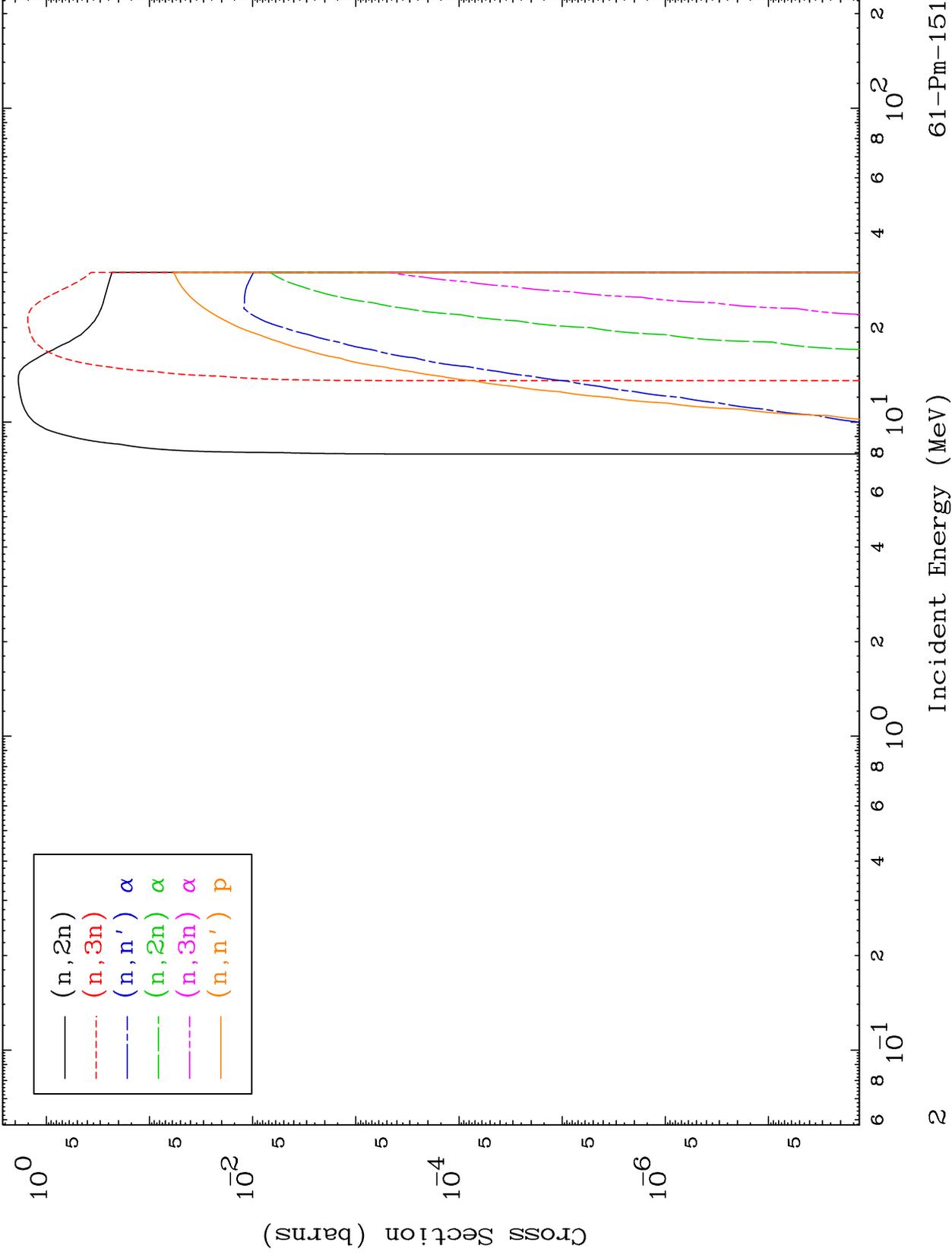
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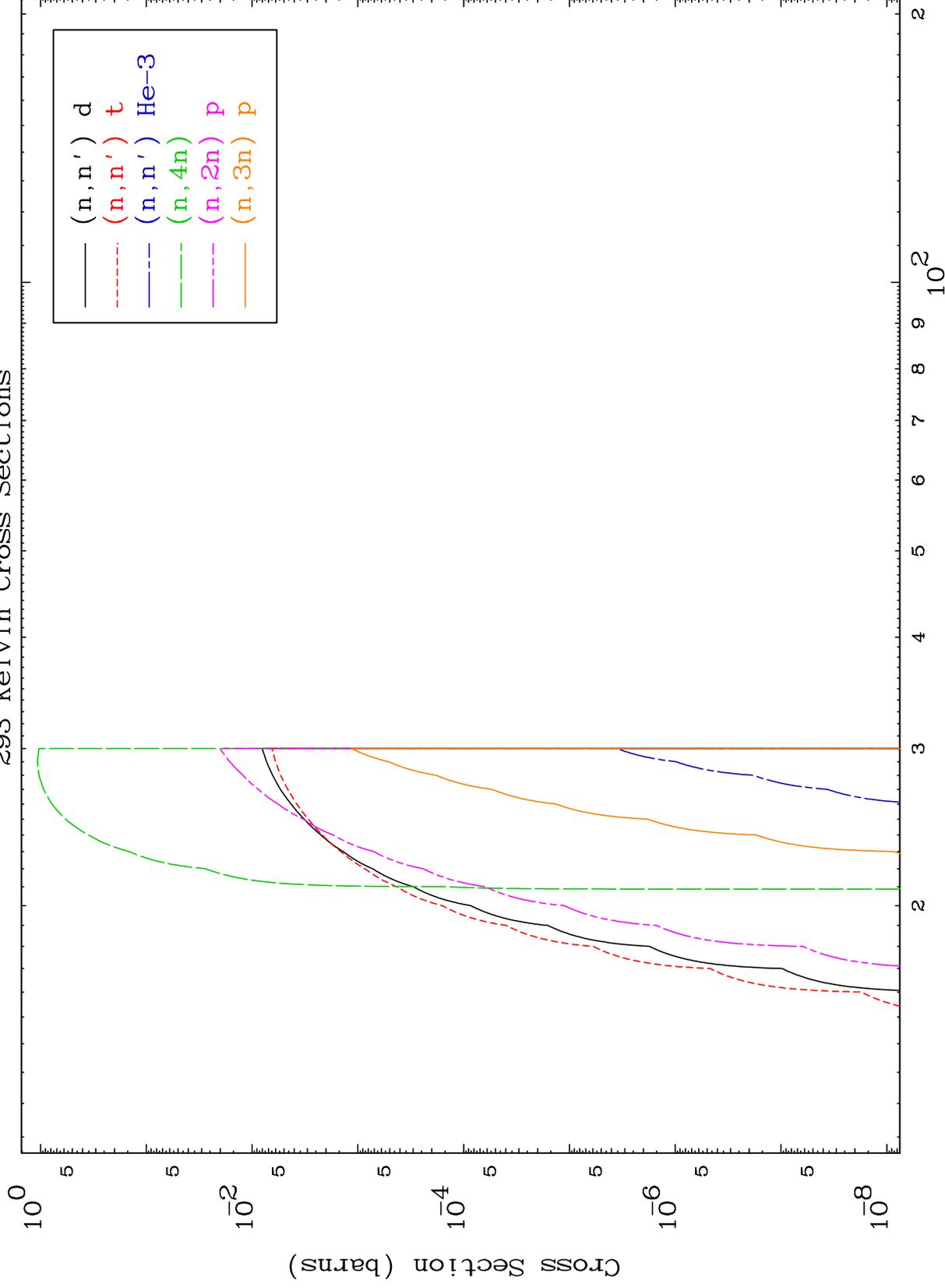


MAT 6161

Neutron Production
293 Kelvin Cross Sections

61-Pm-151

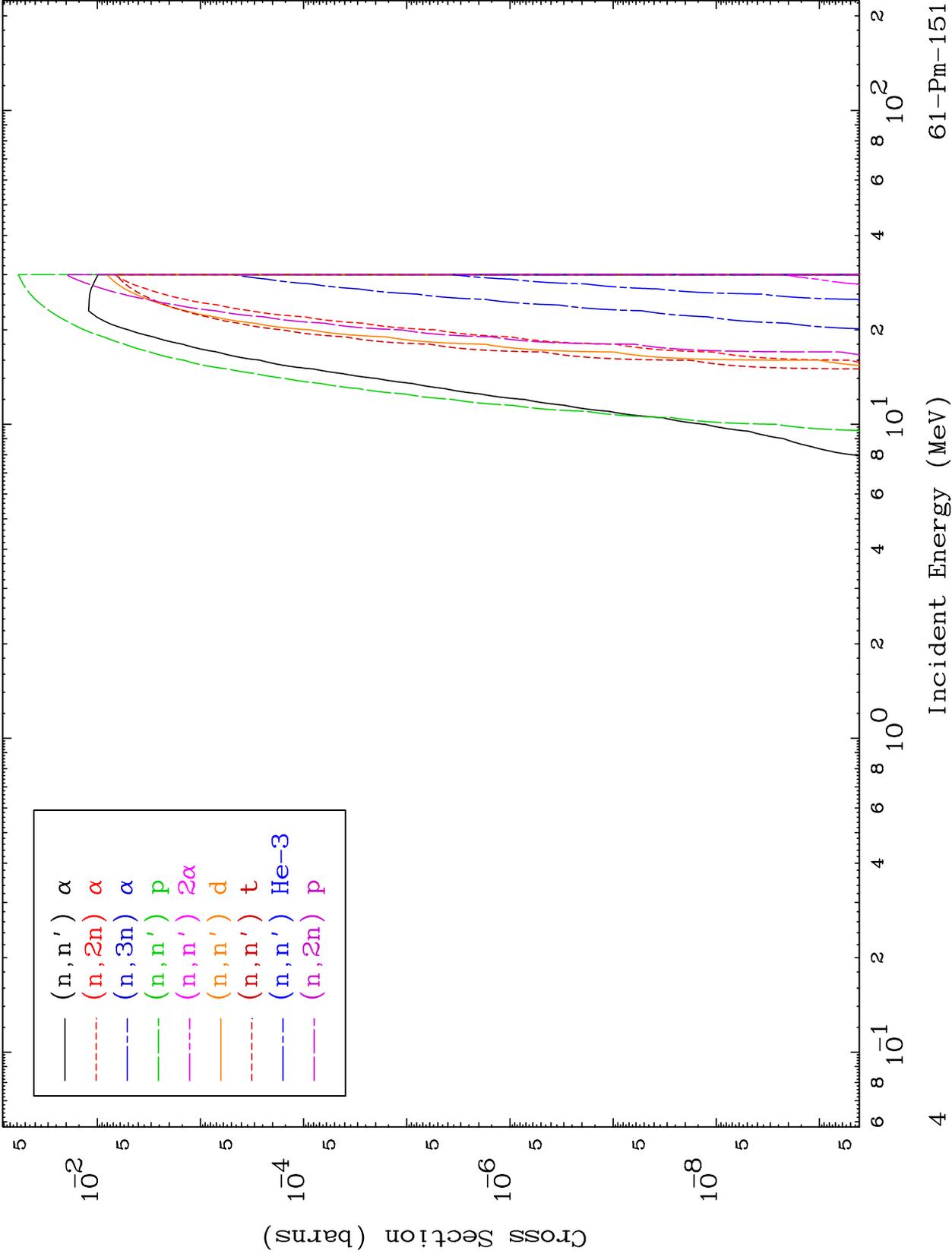




MAT 6161

Charged Particle
293 Kelvin Cross Sections

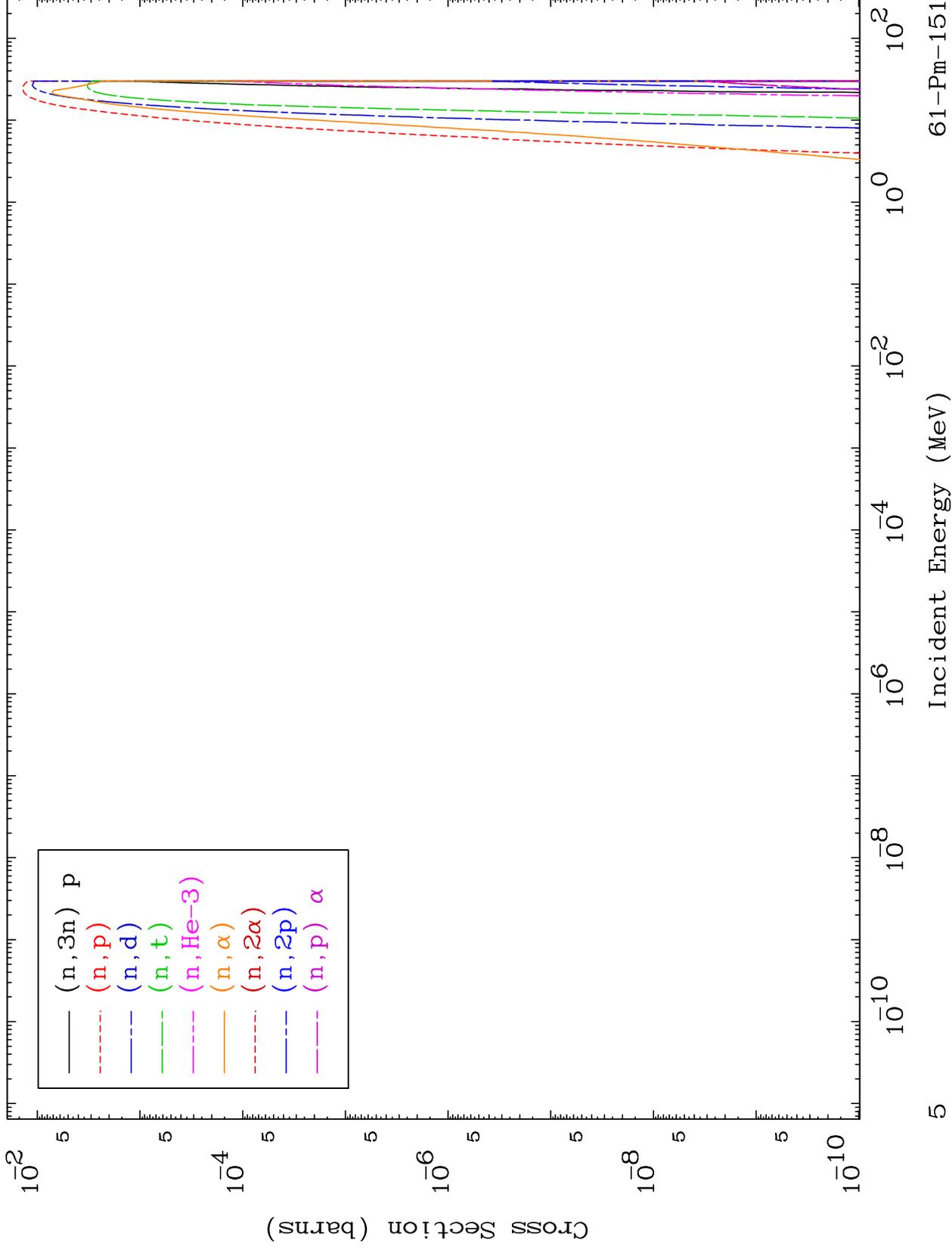
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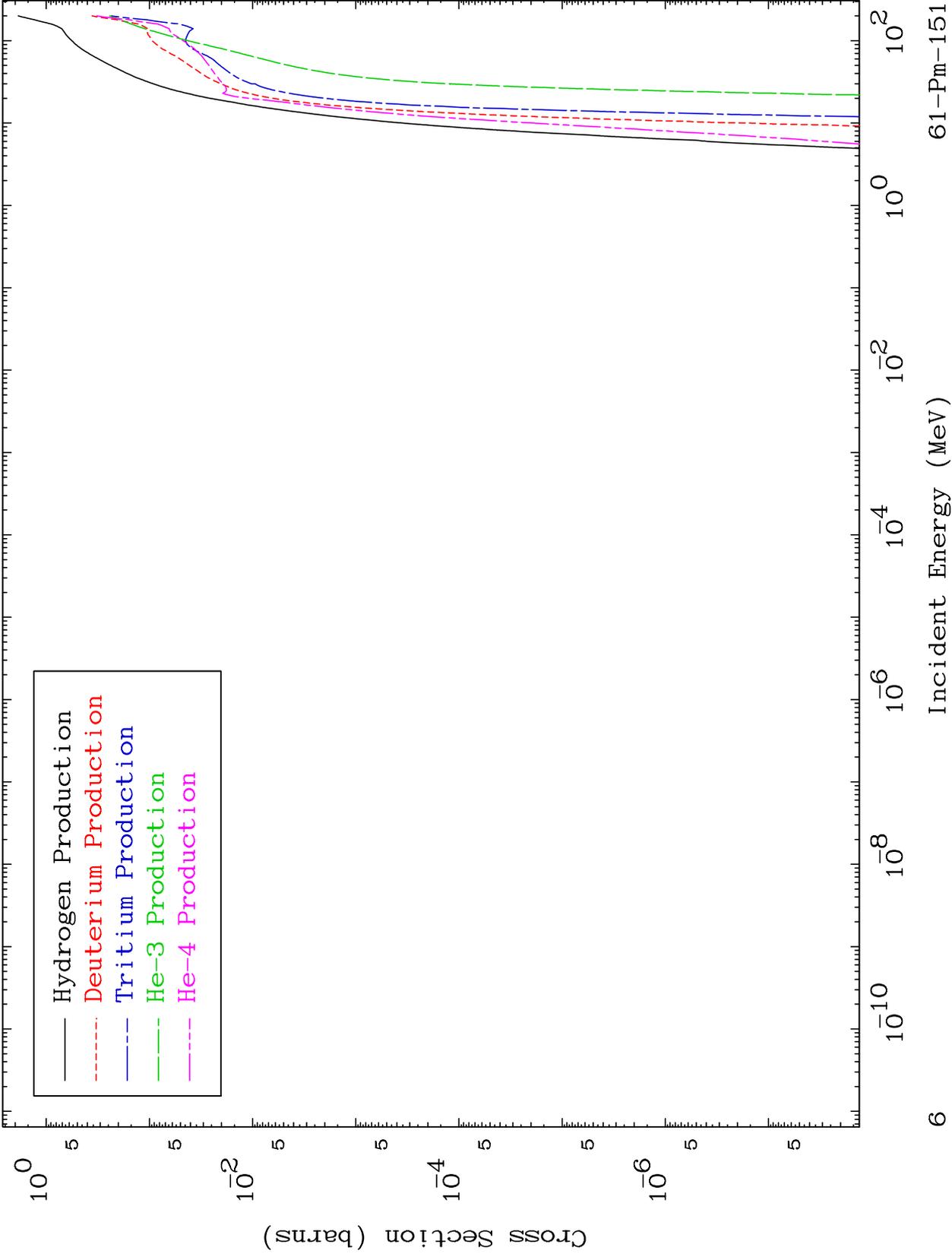


MAT 6161

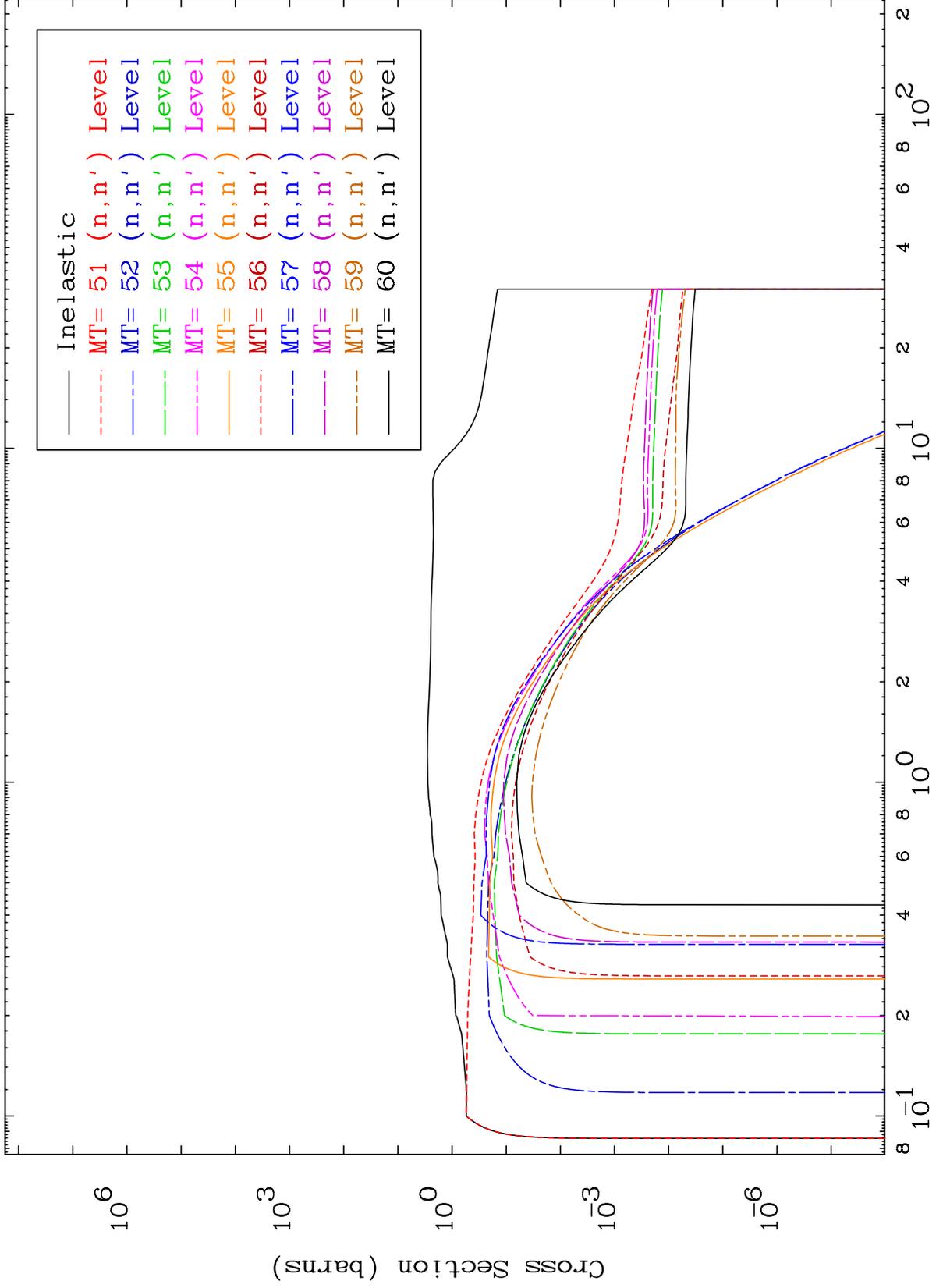
Charged Particle
293 Kelvin Cross Sections

61-Pm-151





293 Kelvin Cross Sections

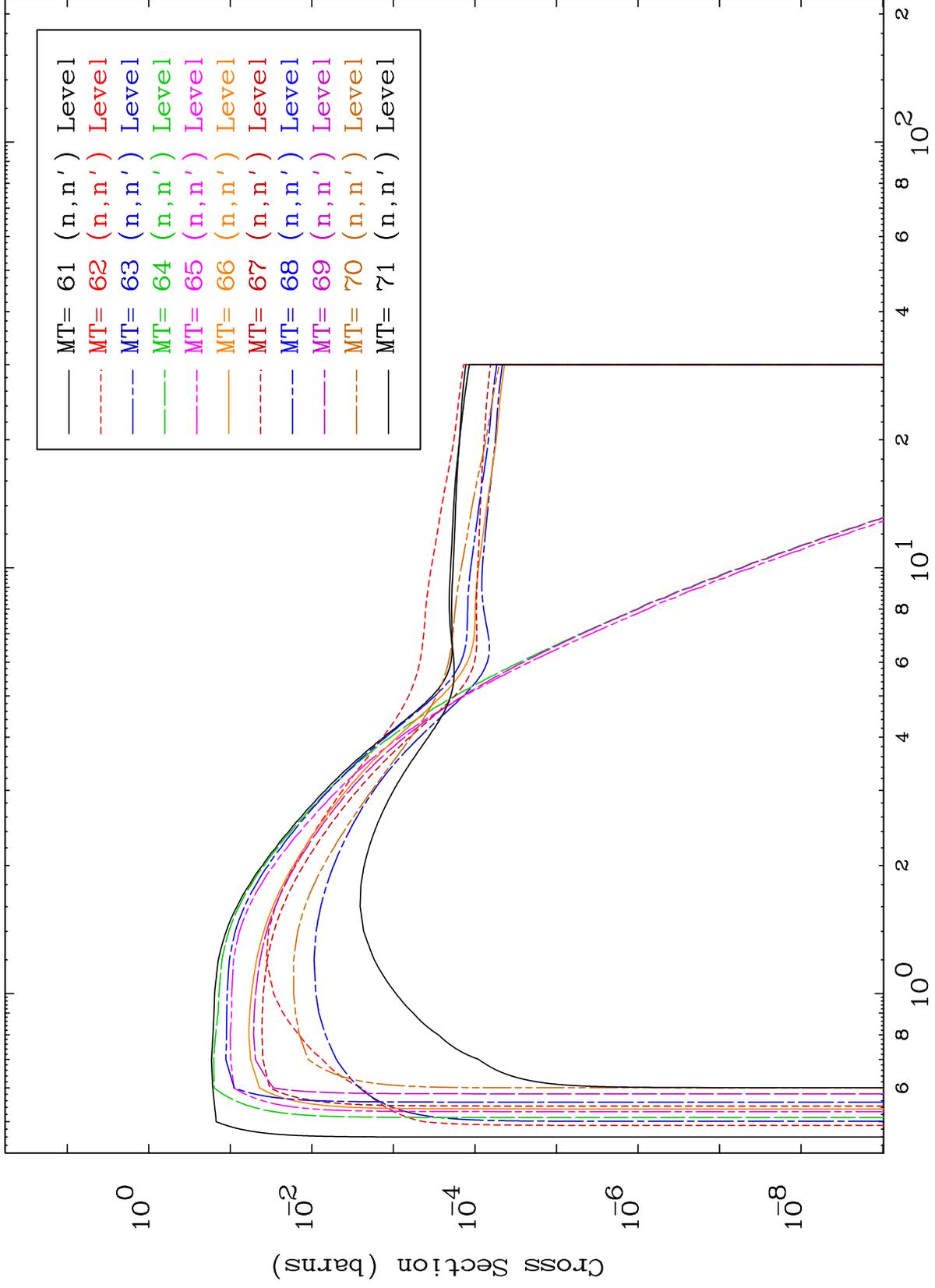


MAT 6161

(n,n') Level

293 Kelvin Cross Sections

61-Pm-151

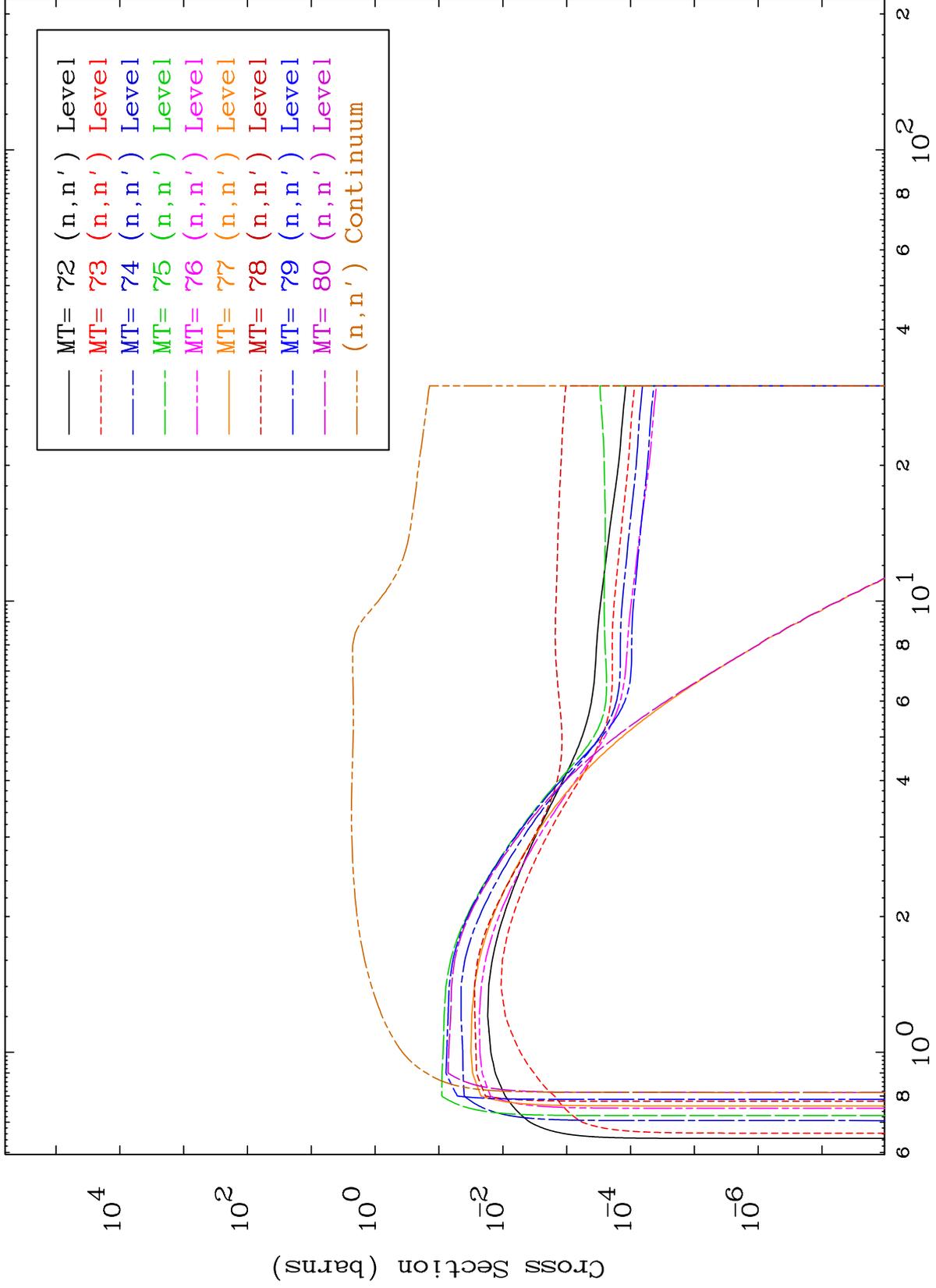


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Incident Energy (MeV)

61-Pm-151

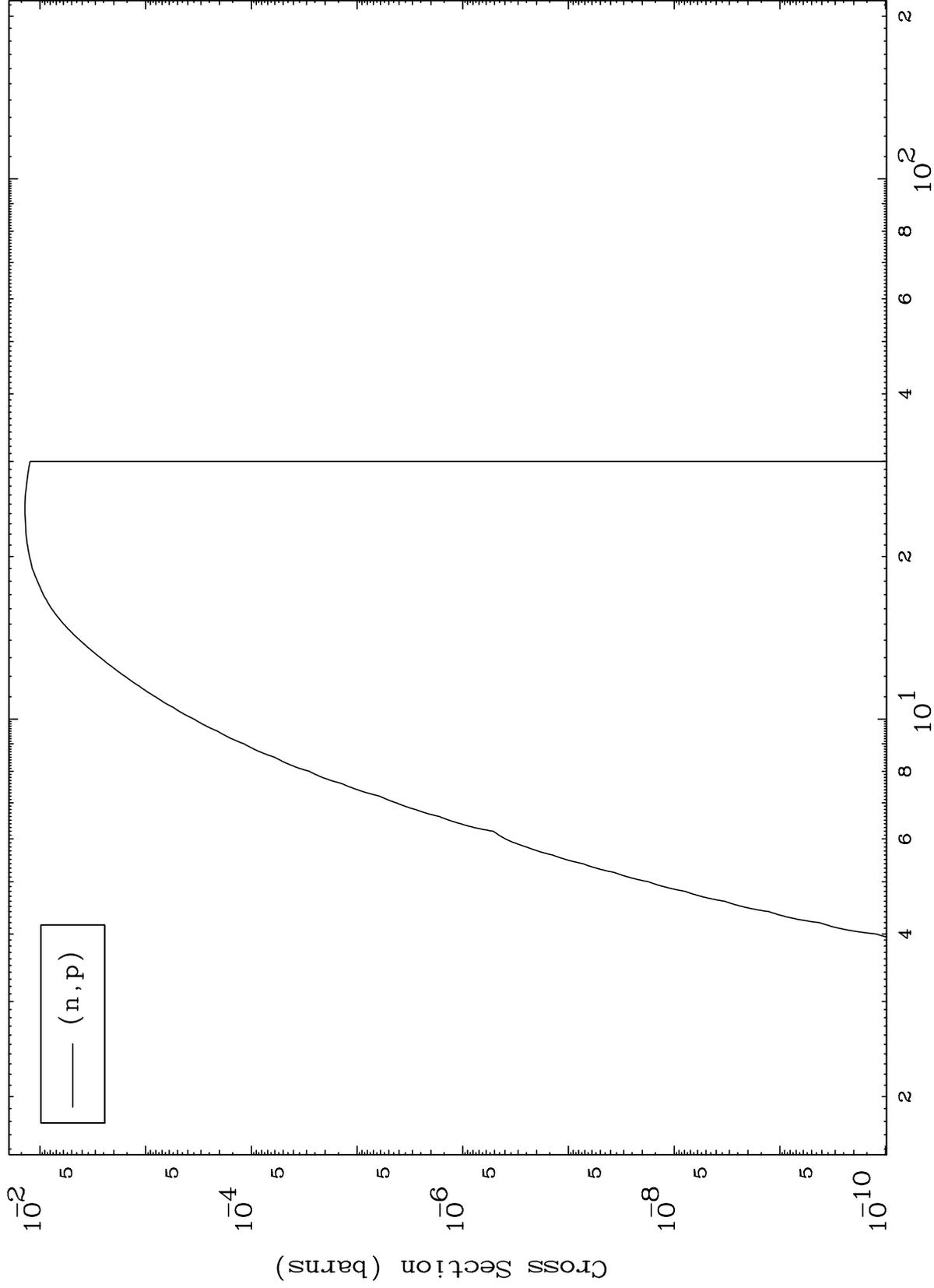
293 Kelvin Cross Sections



MAT 6161

61-Pm-151

(n,p) Levels
293 Kelvin Cross Sections



10

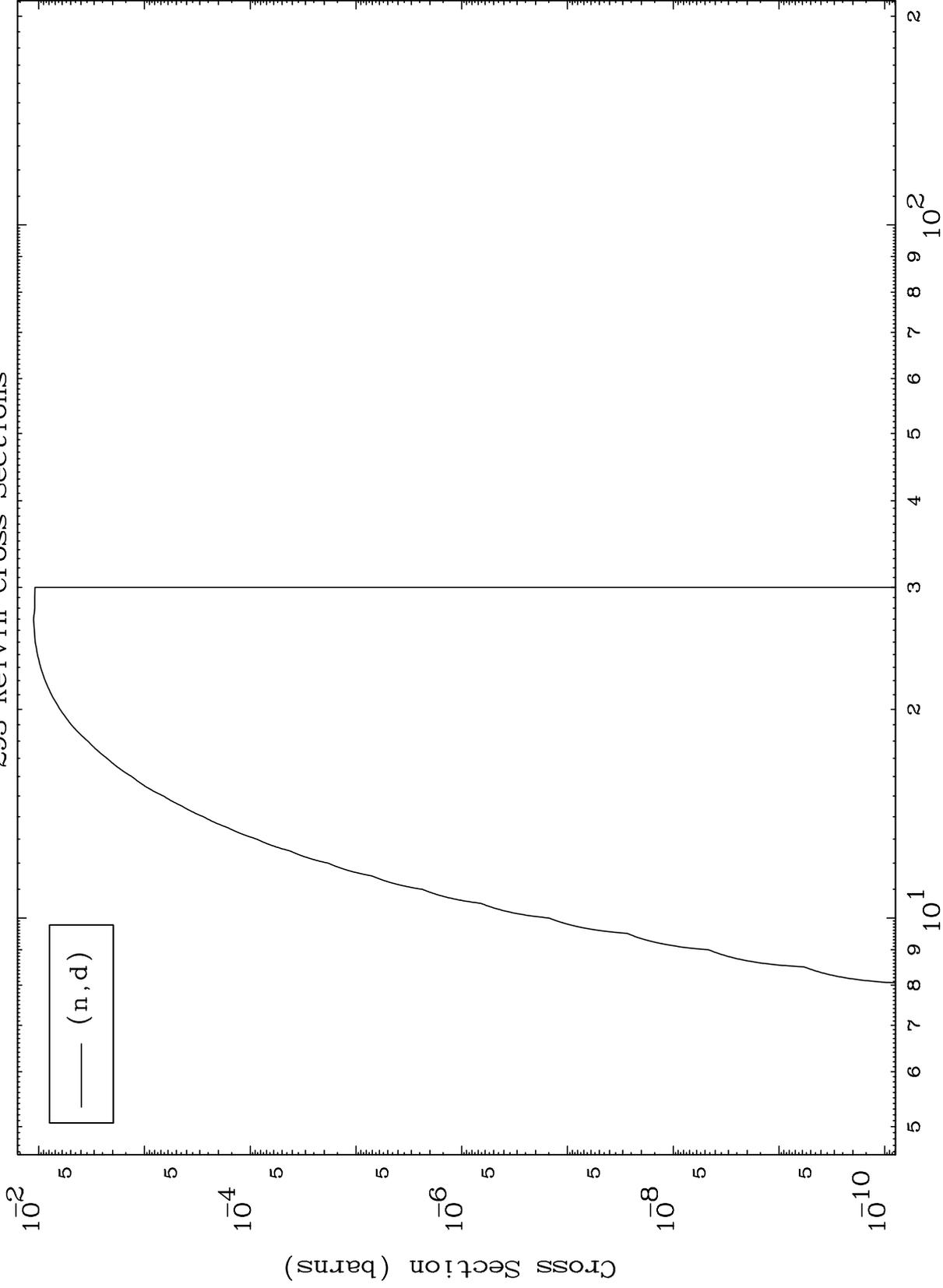
Incident Energy (MeV)

61-Pm-151

MAT 6161

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-151



11

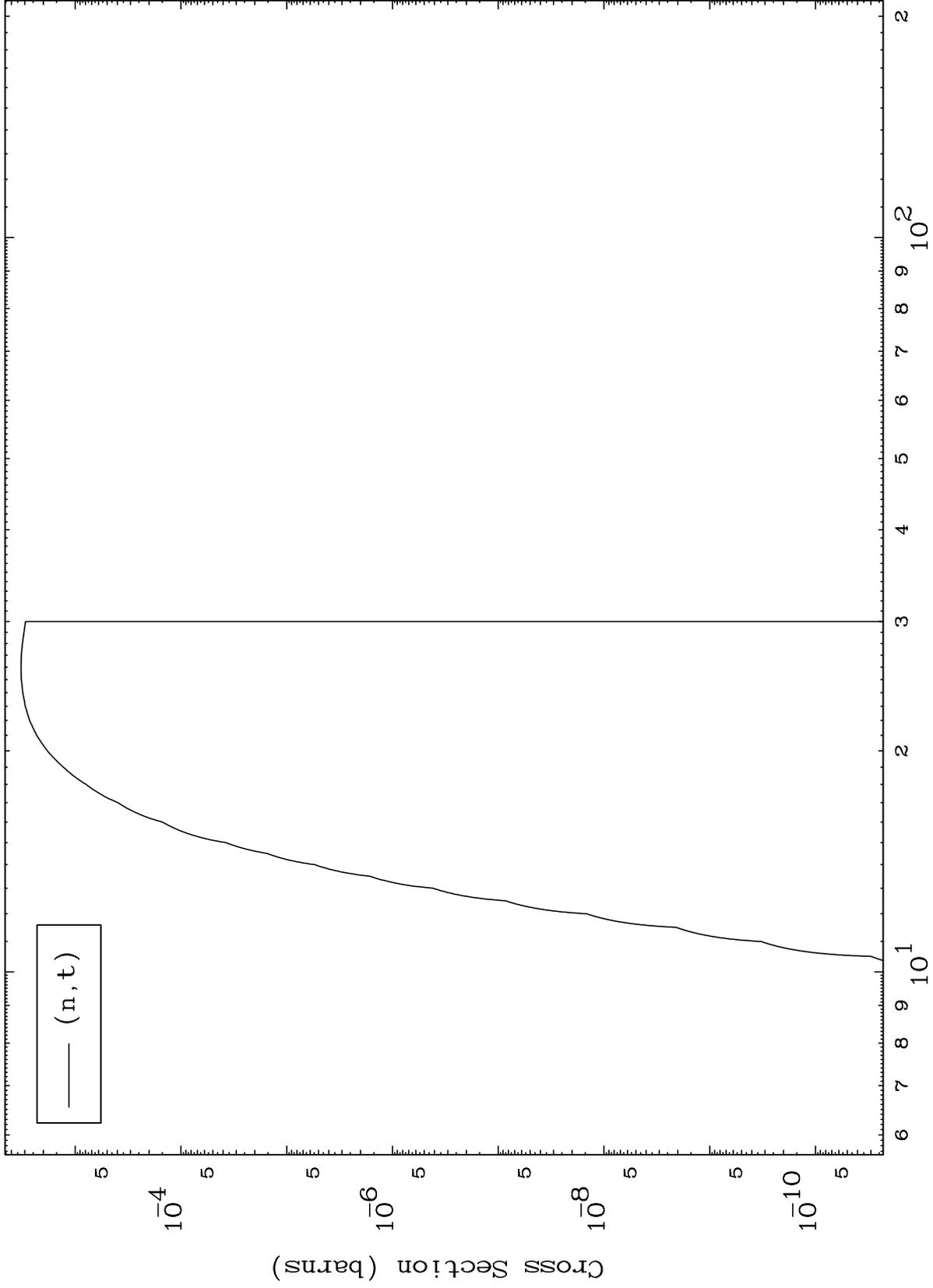
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61-Pm-151

MAT 6161

(n, t) Levels
293 Kelvin Cross Sections

61-Pm-151



12

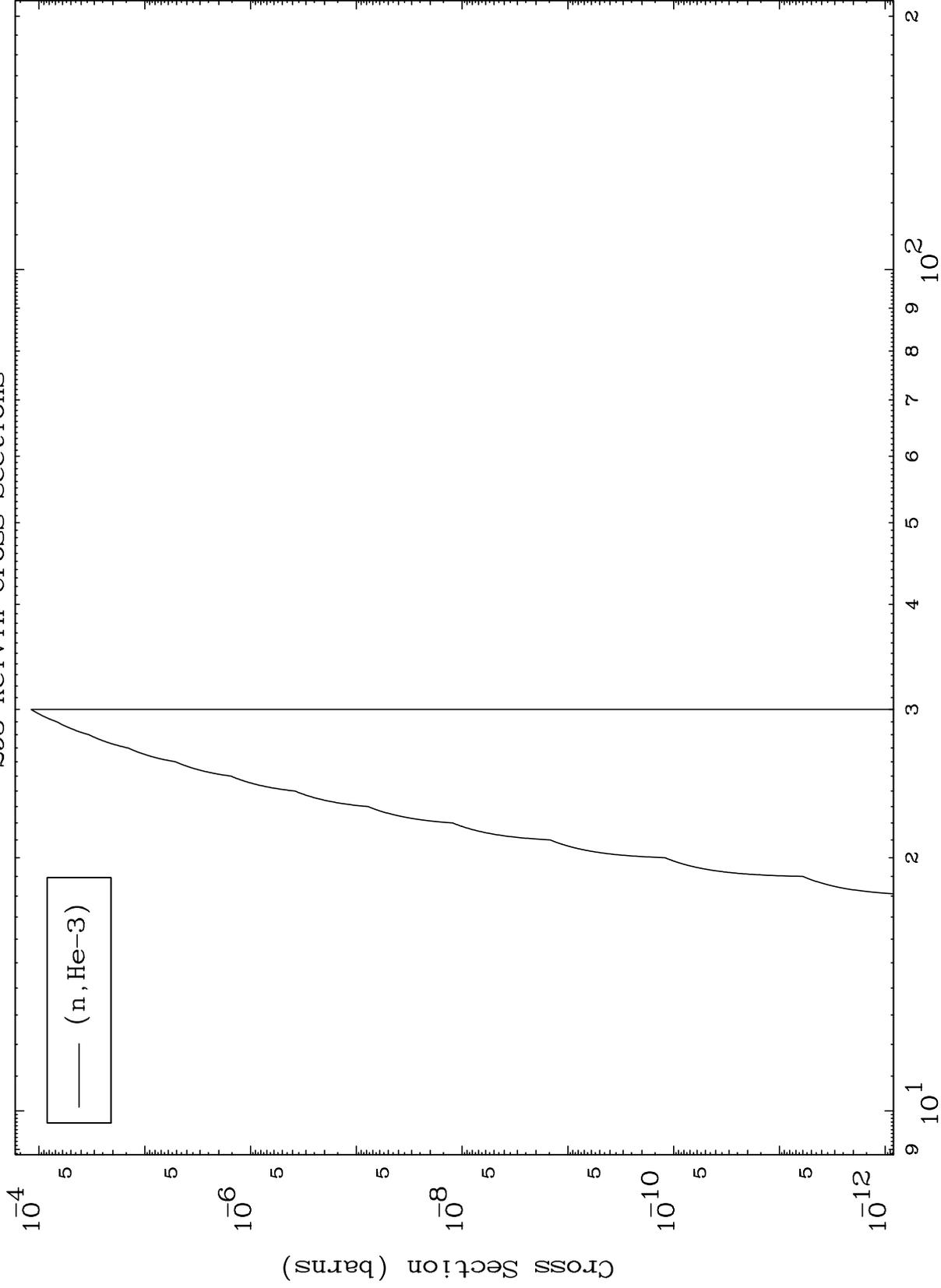
Incident Energy (MeV)

61-Pm-151

MAT 6161

(n,He3) Levels
293 Kelvin Cross Sections

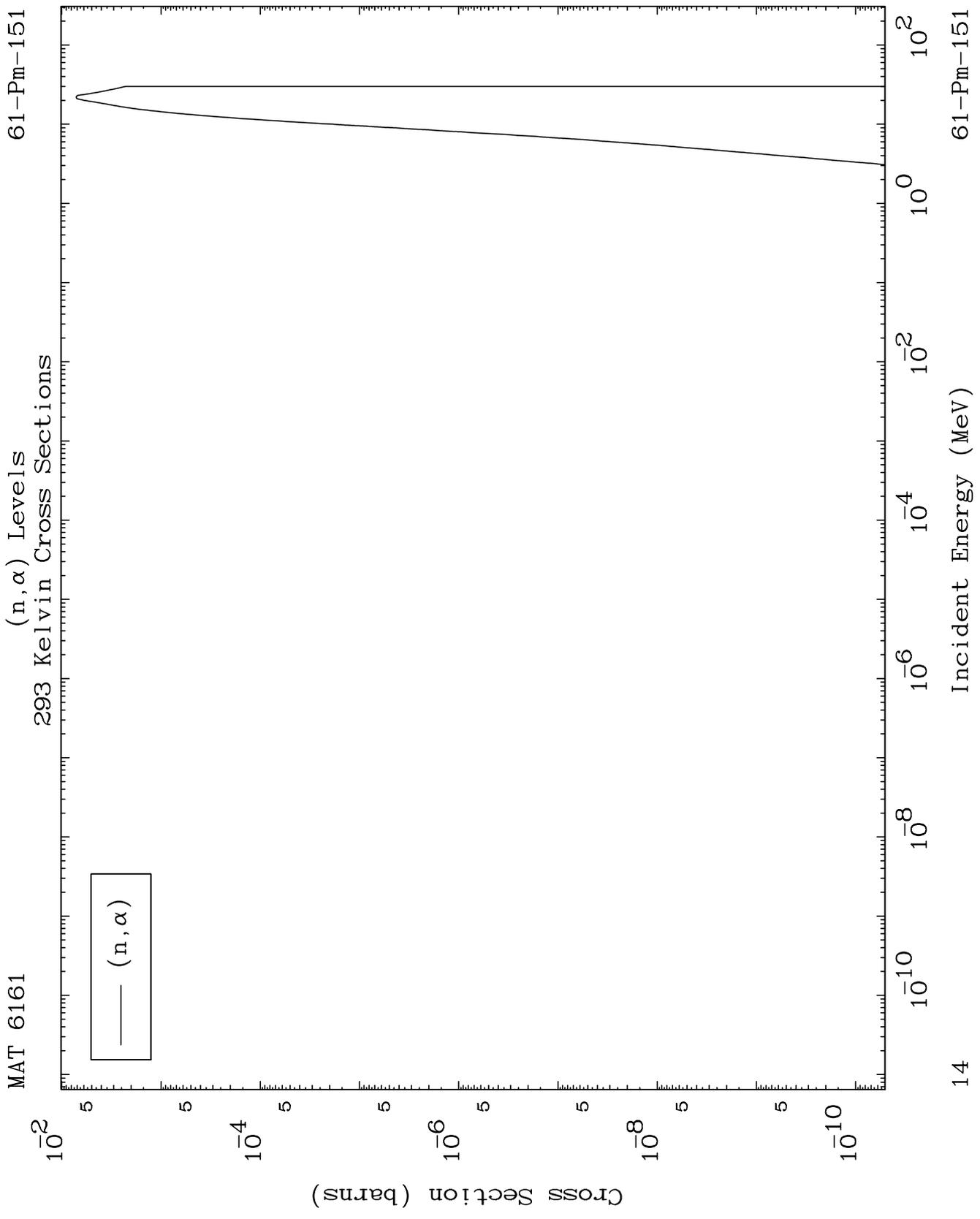
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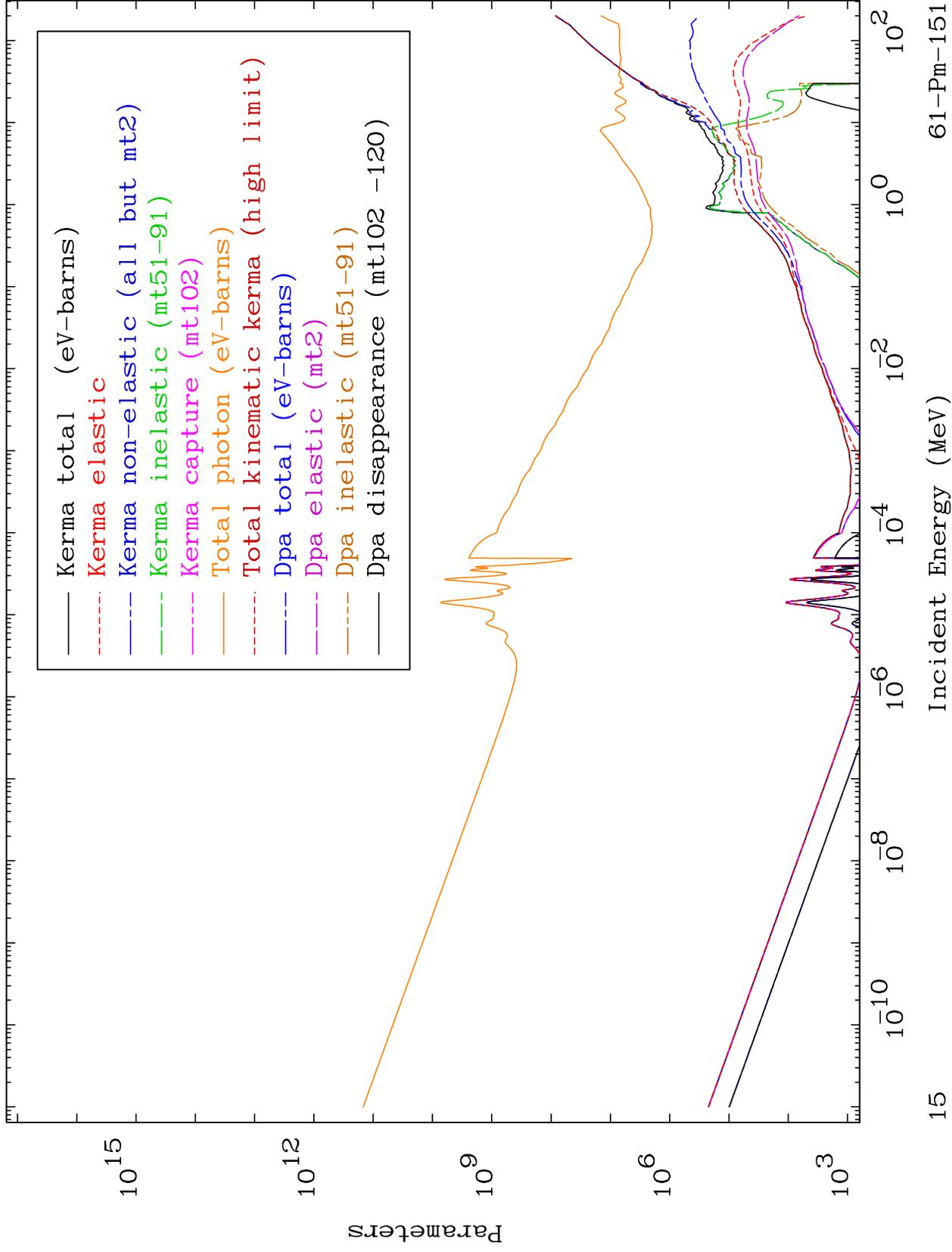


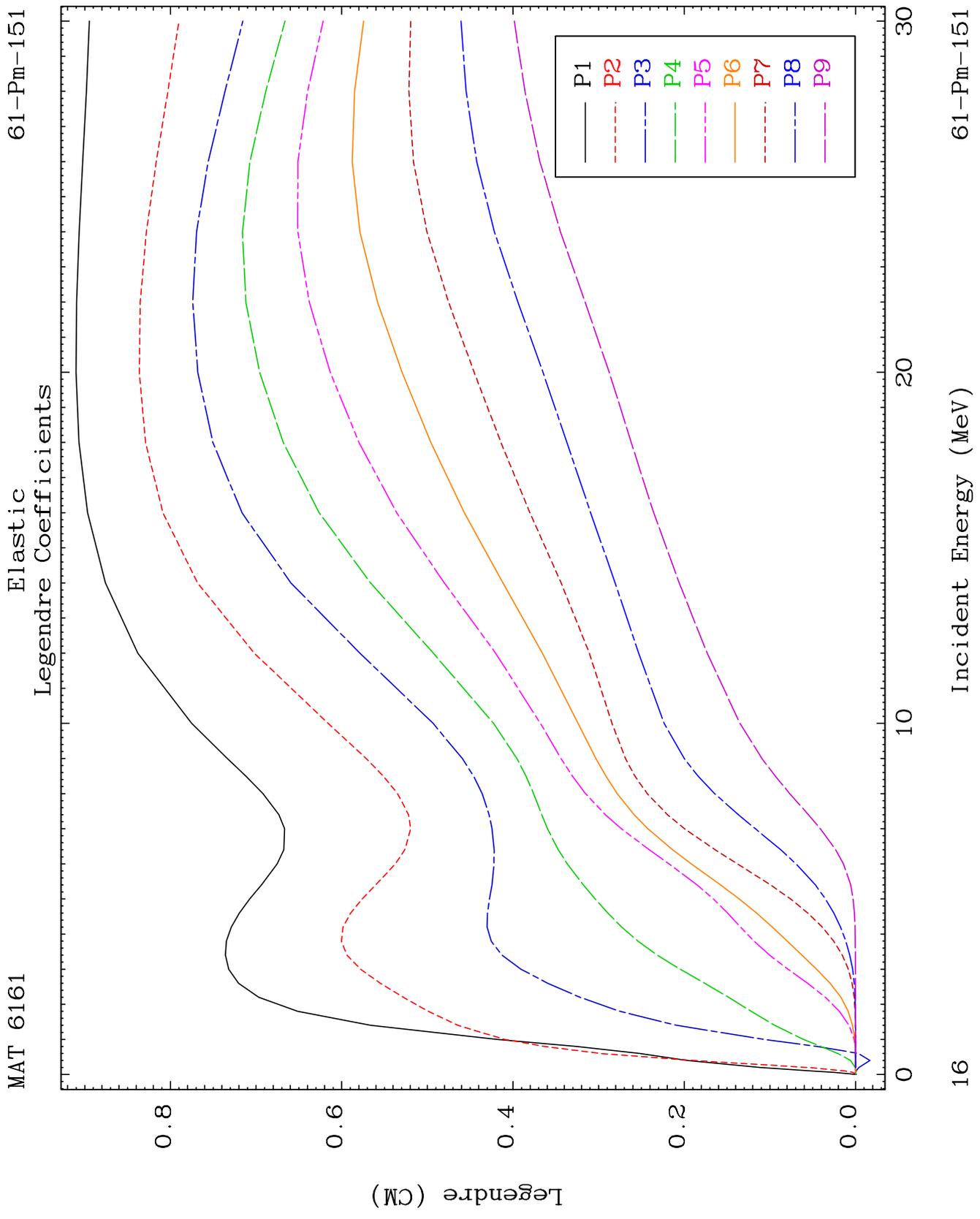
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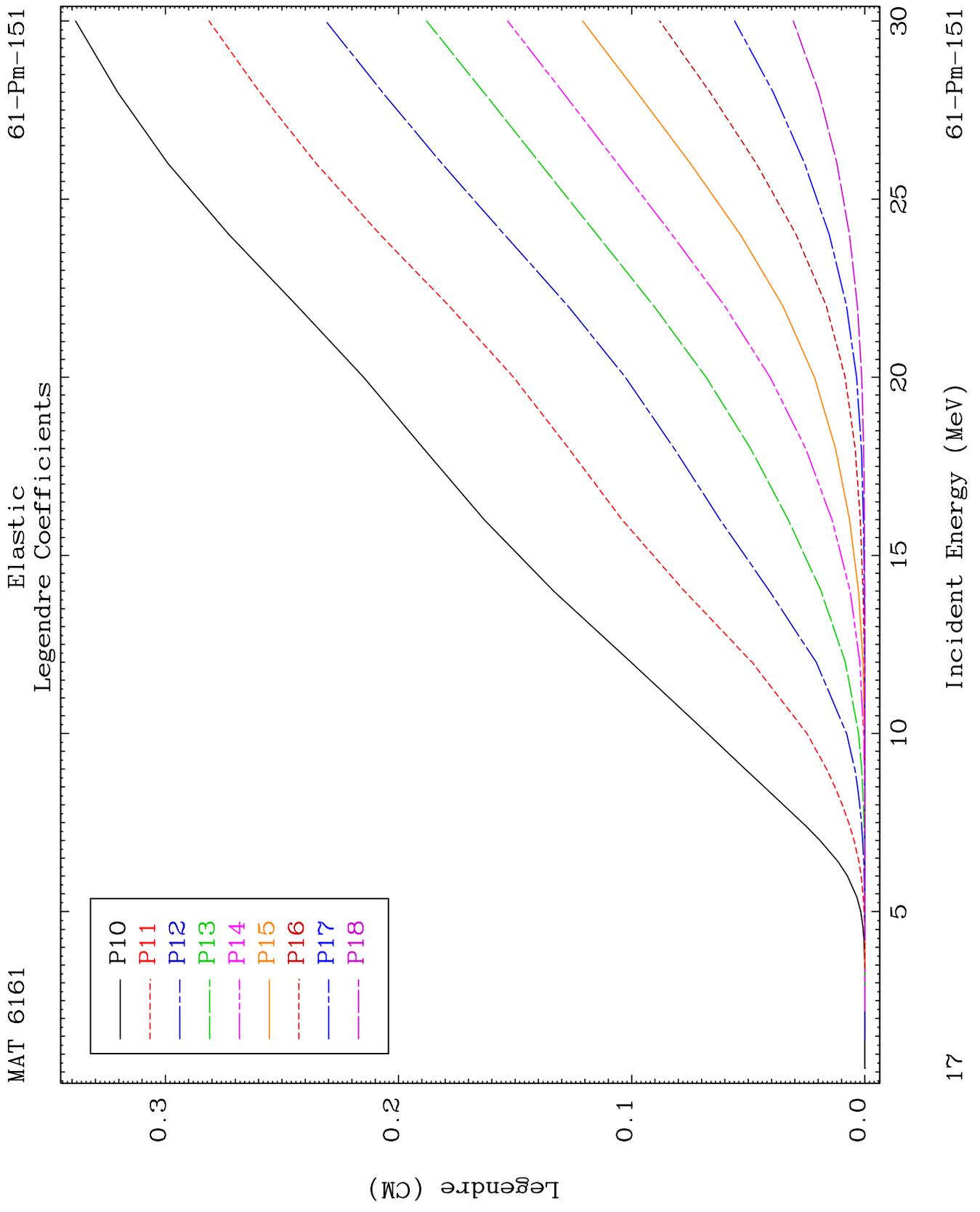
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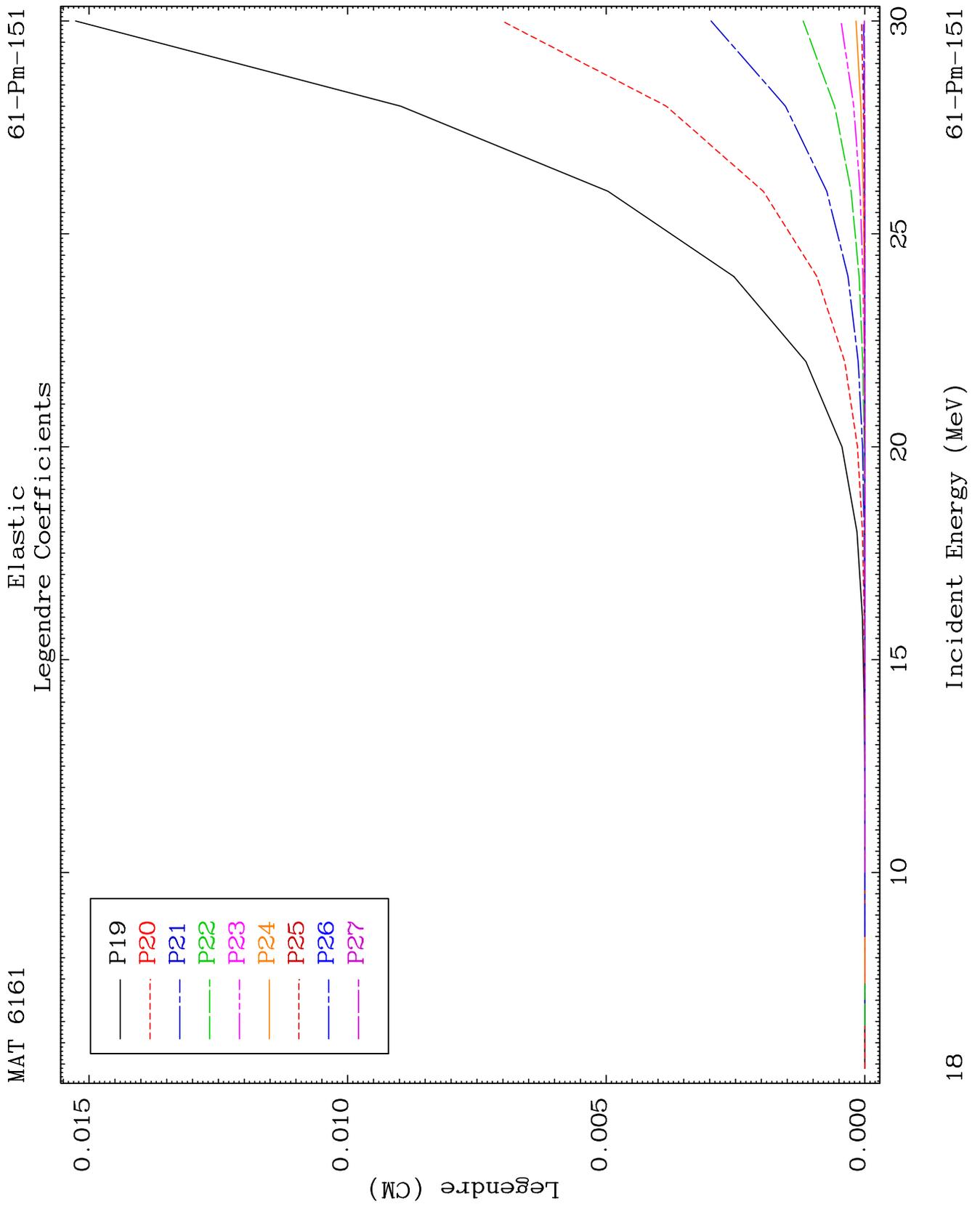
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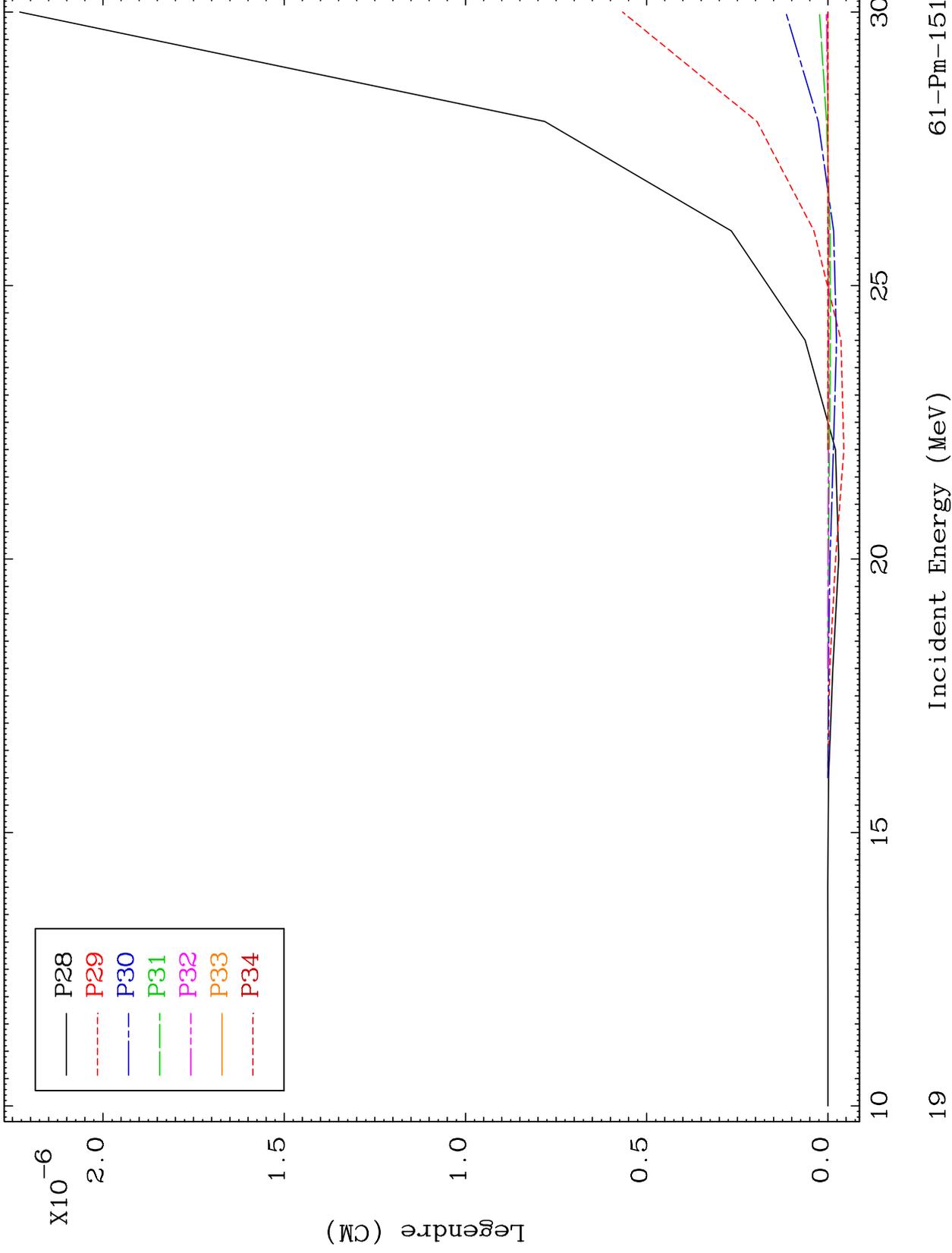




MAT 6161

Elastic Legendre Coefficients

61-Pm-151



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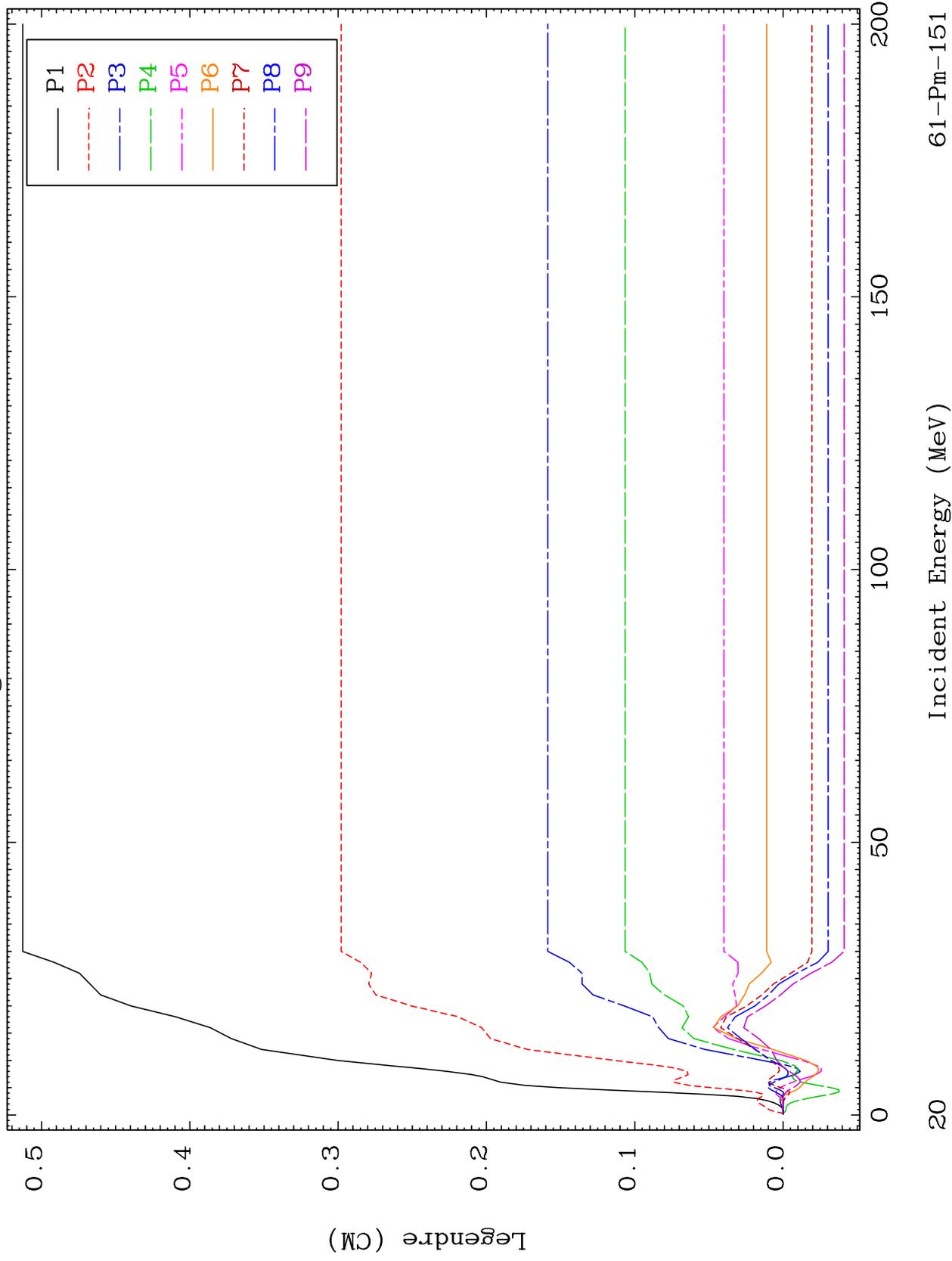
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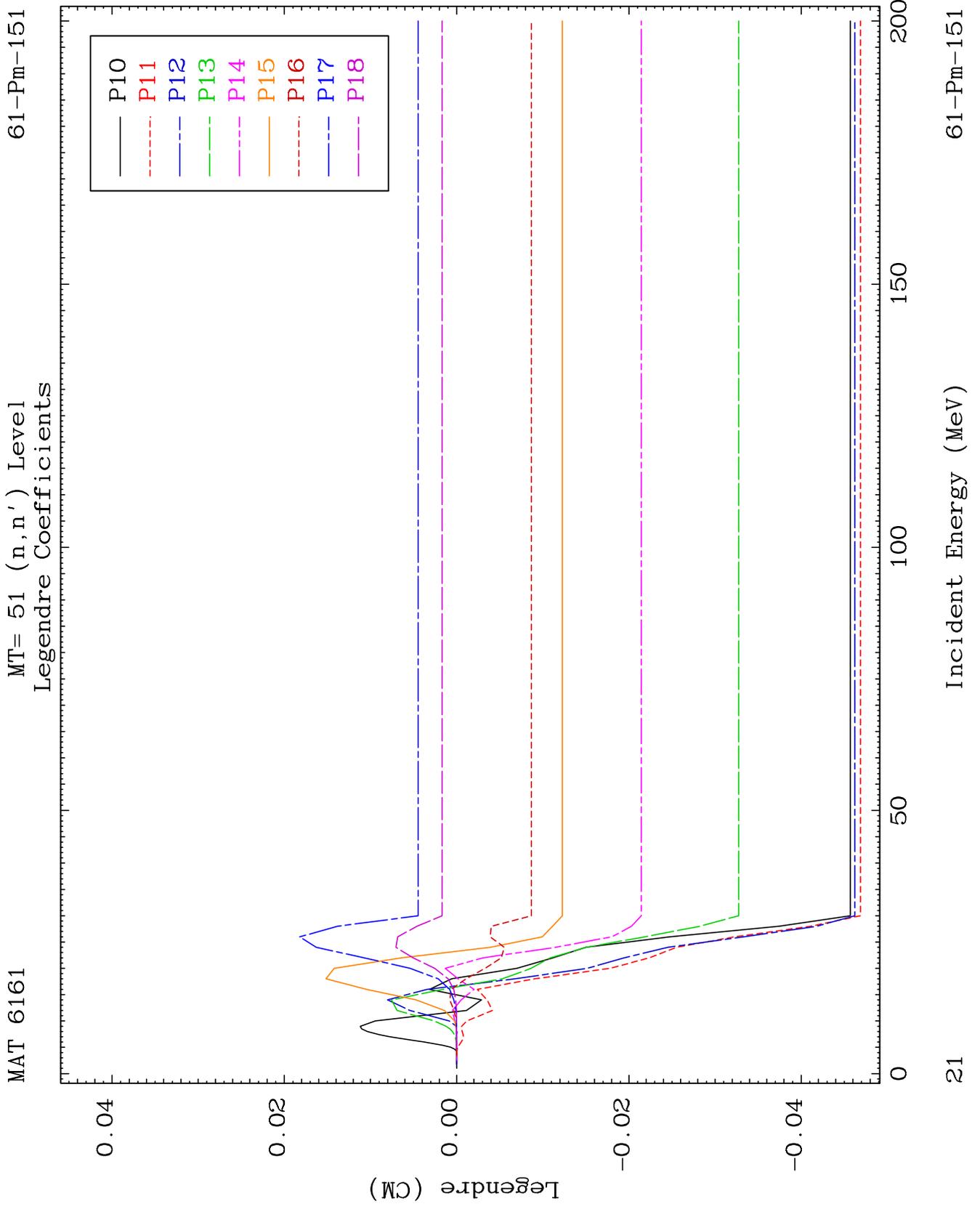
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MAT 6161

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

61-Pm-151

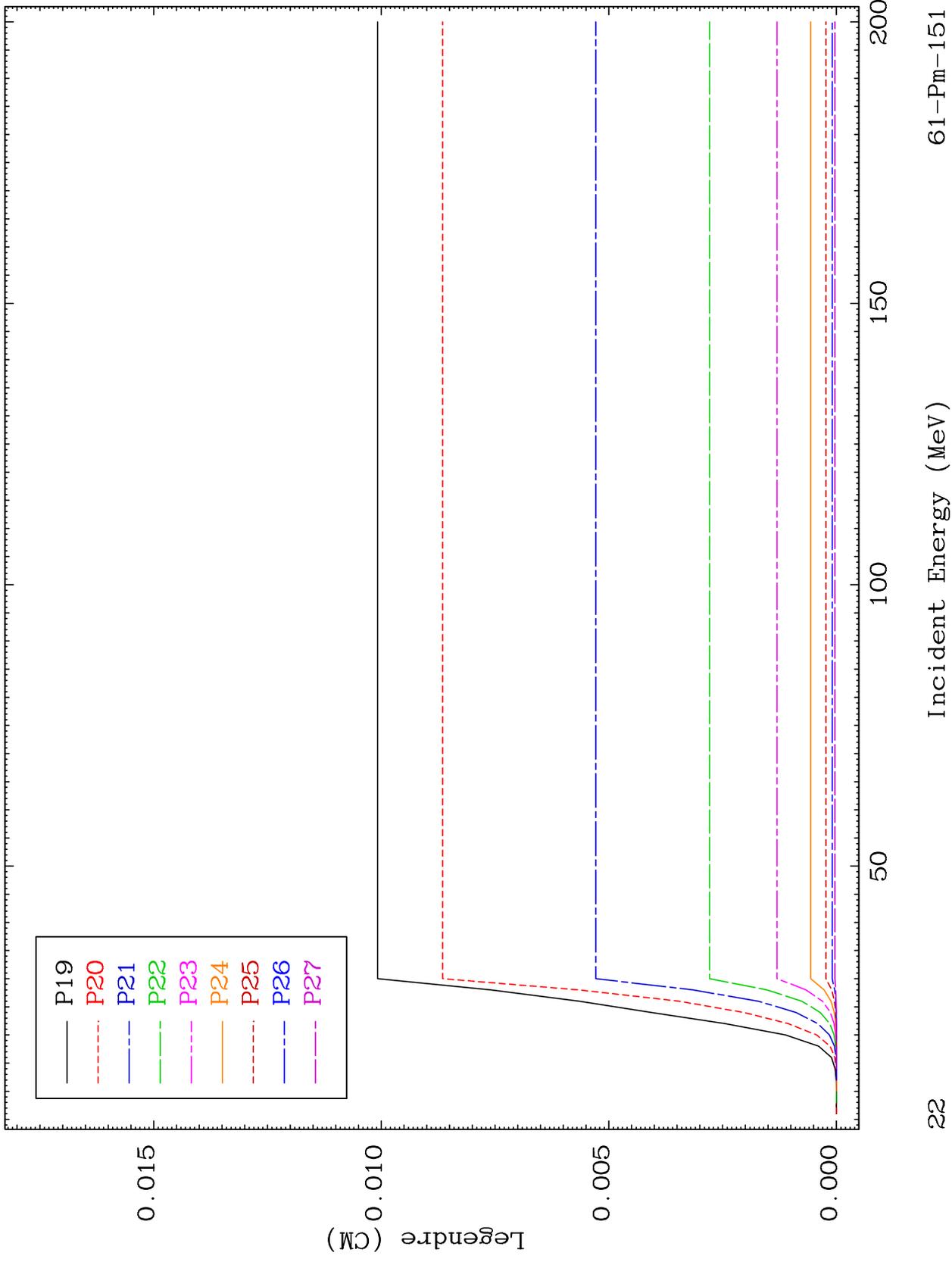




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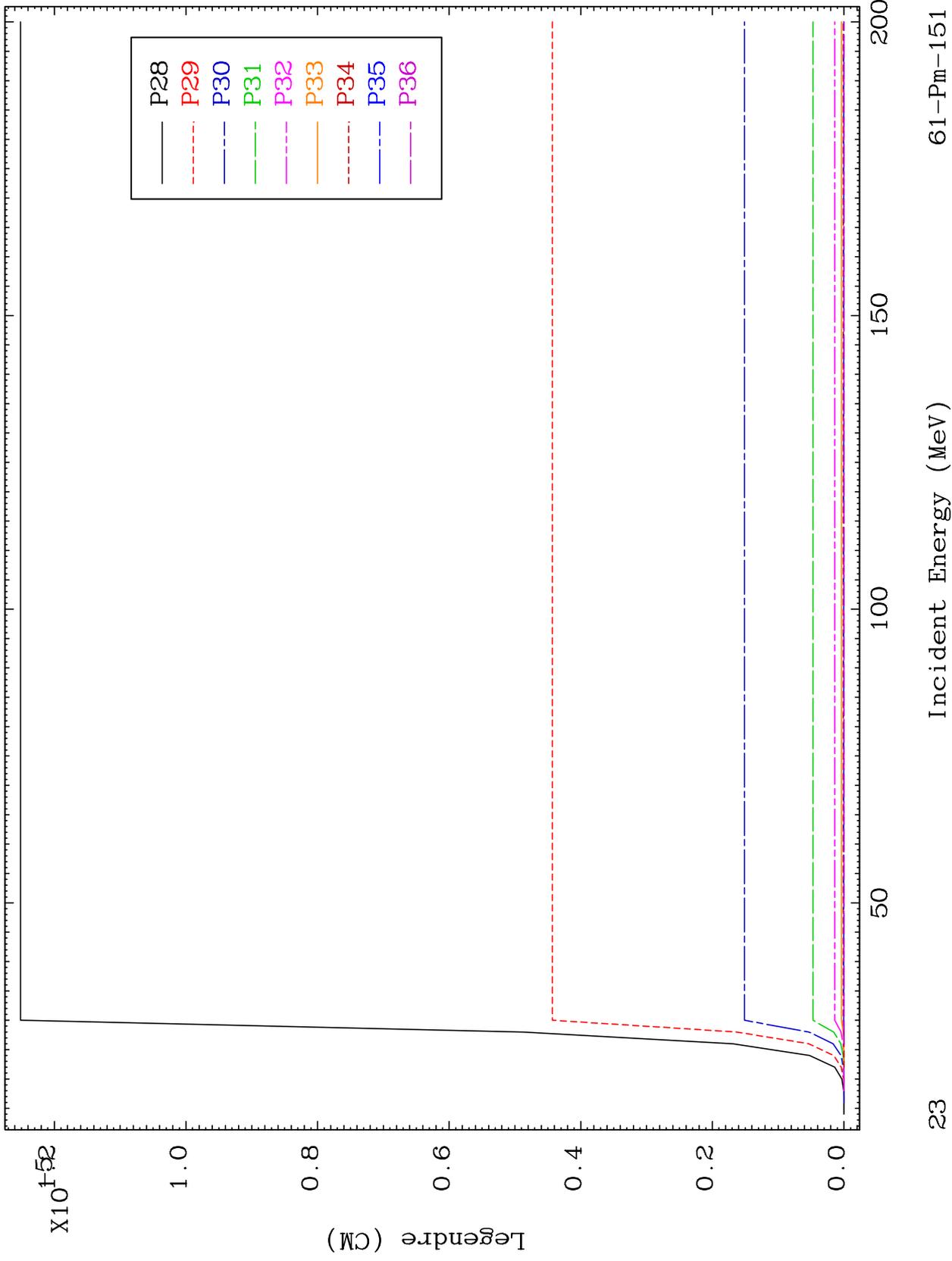
MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-151



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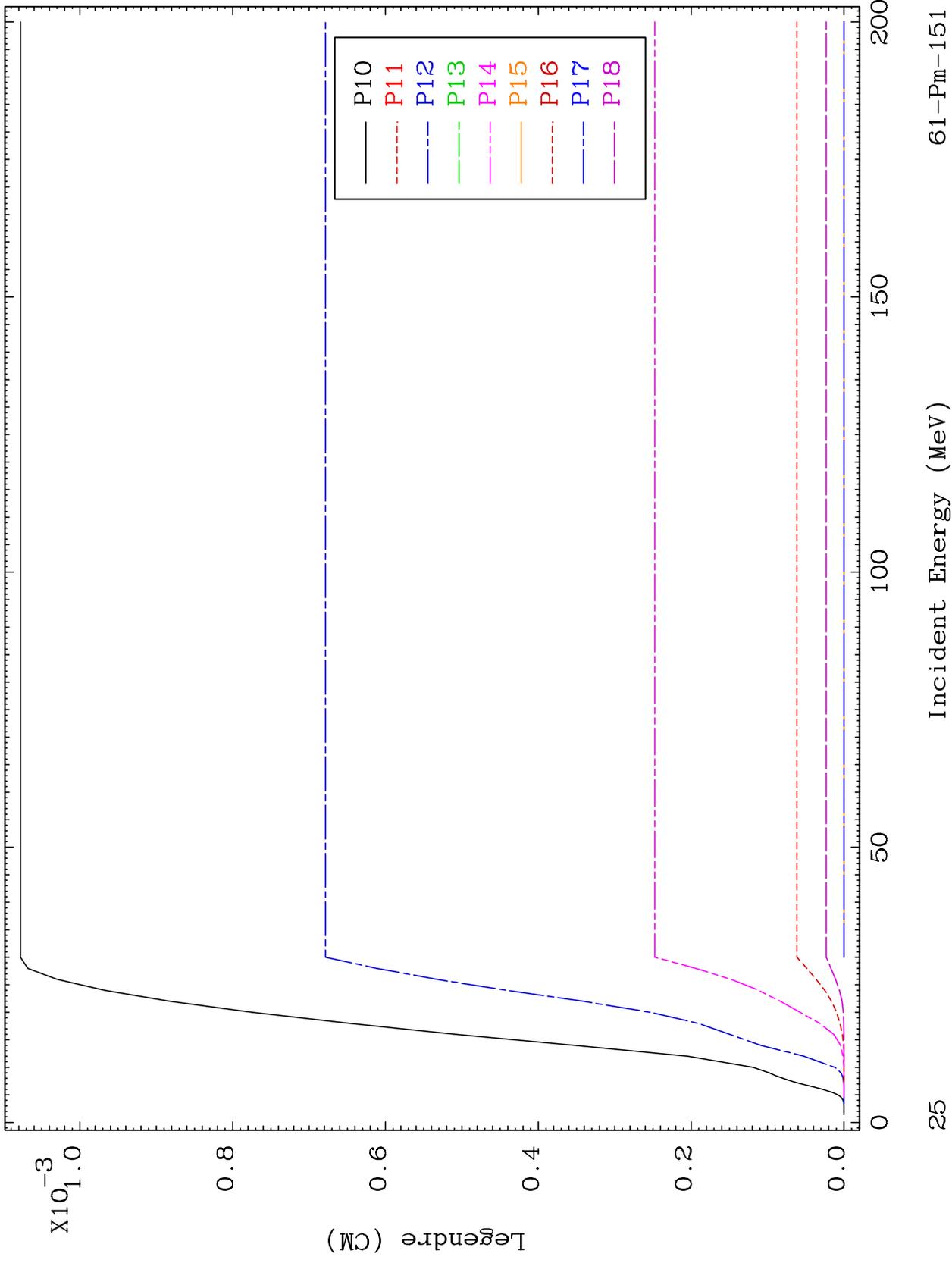
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MAT 6161

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Legendre Coefficients

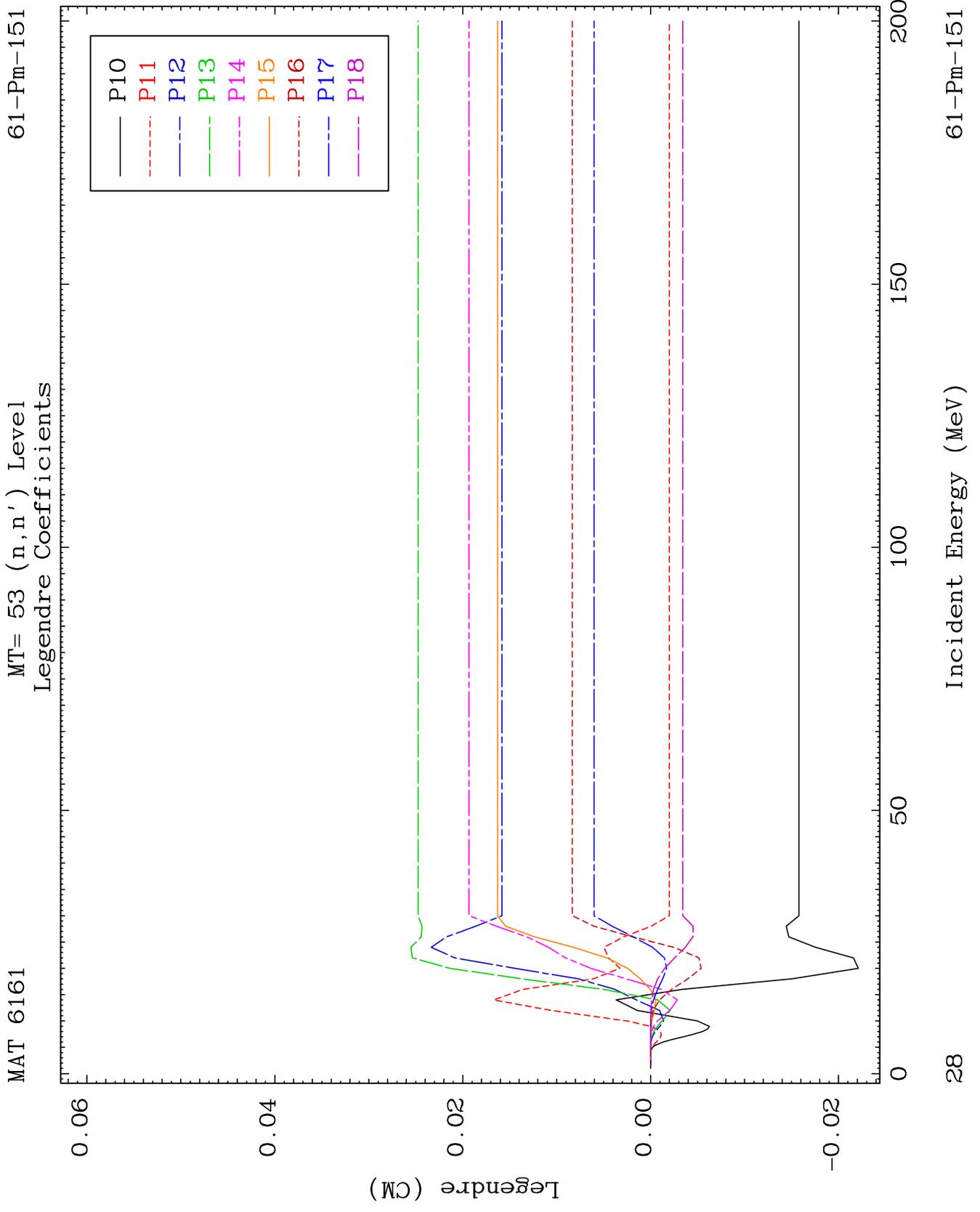
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61-Pm-151

Incident Energy (MeV)

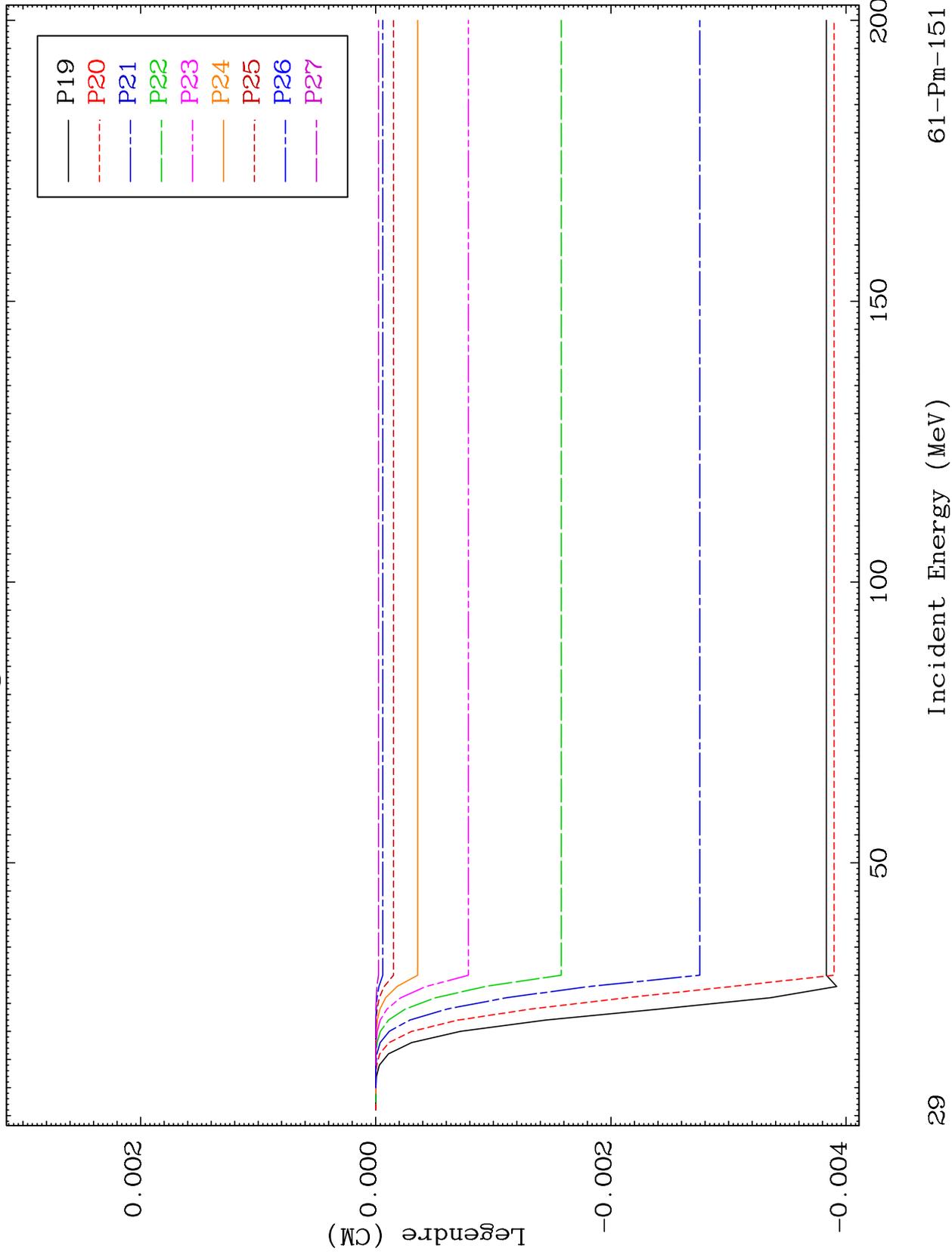
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MAT 6161

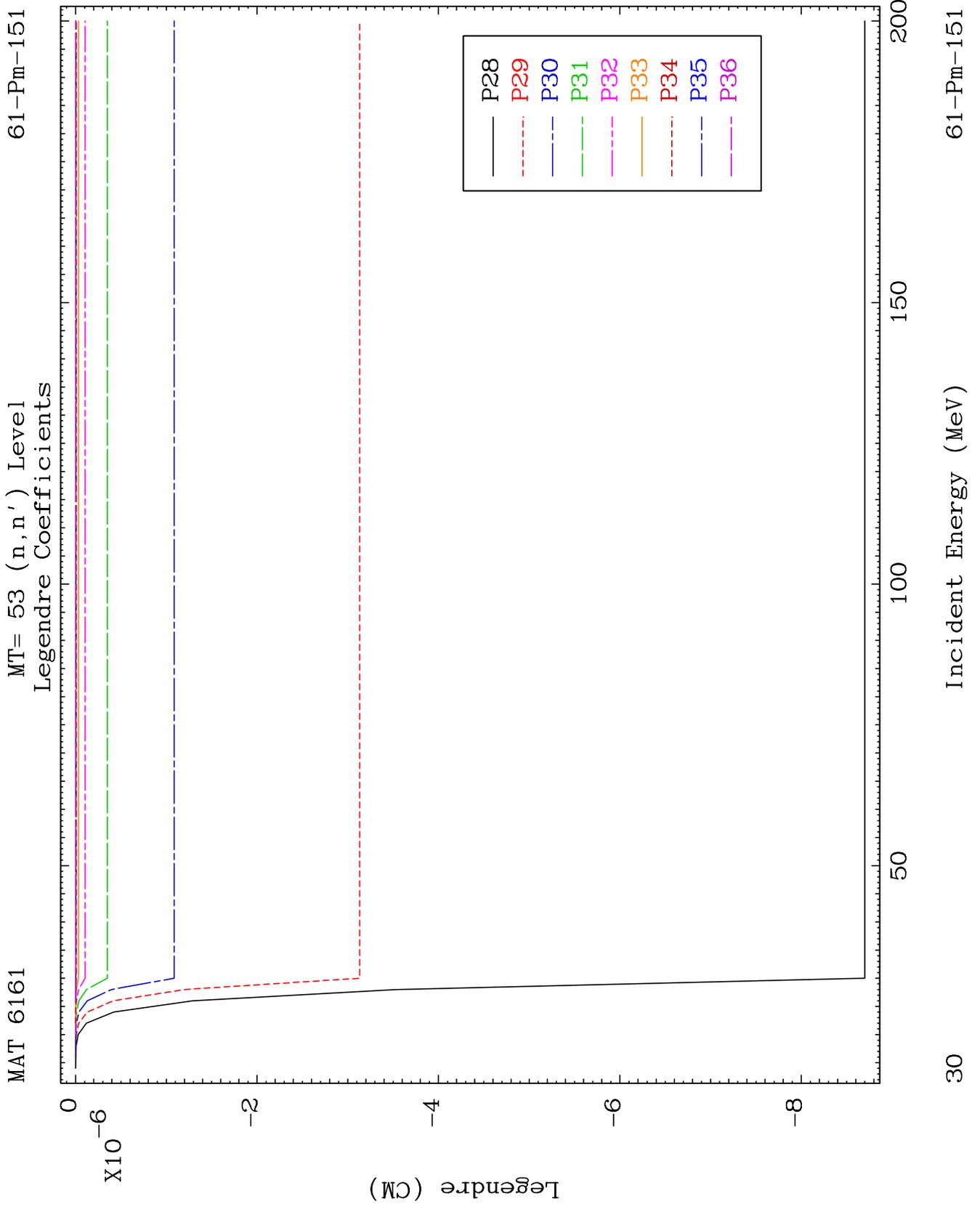
MT= 53 (n,n') Level
Legendre Coefficients

61-Pm-151



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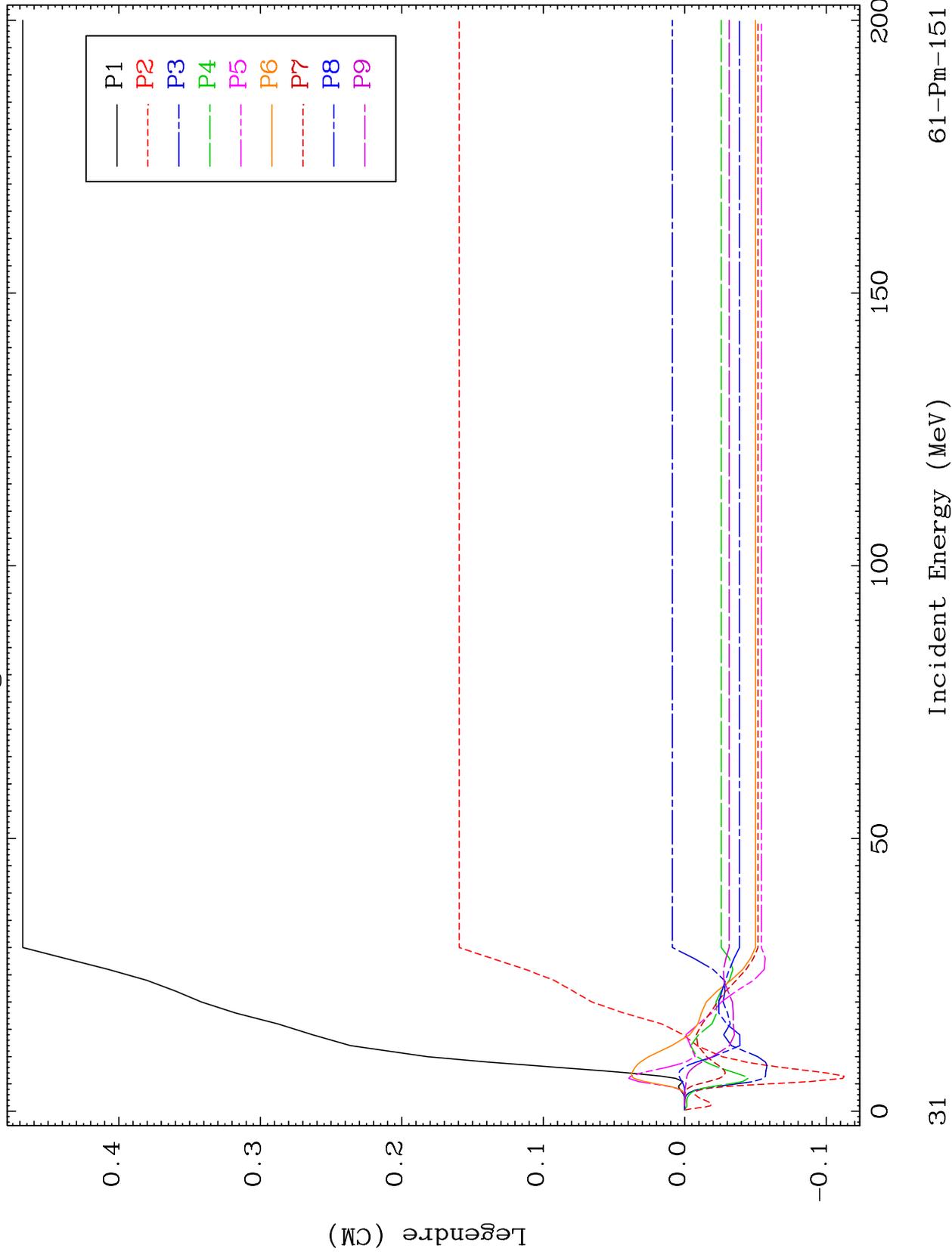
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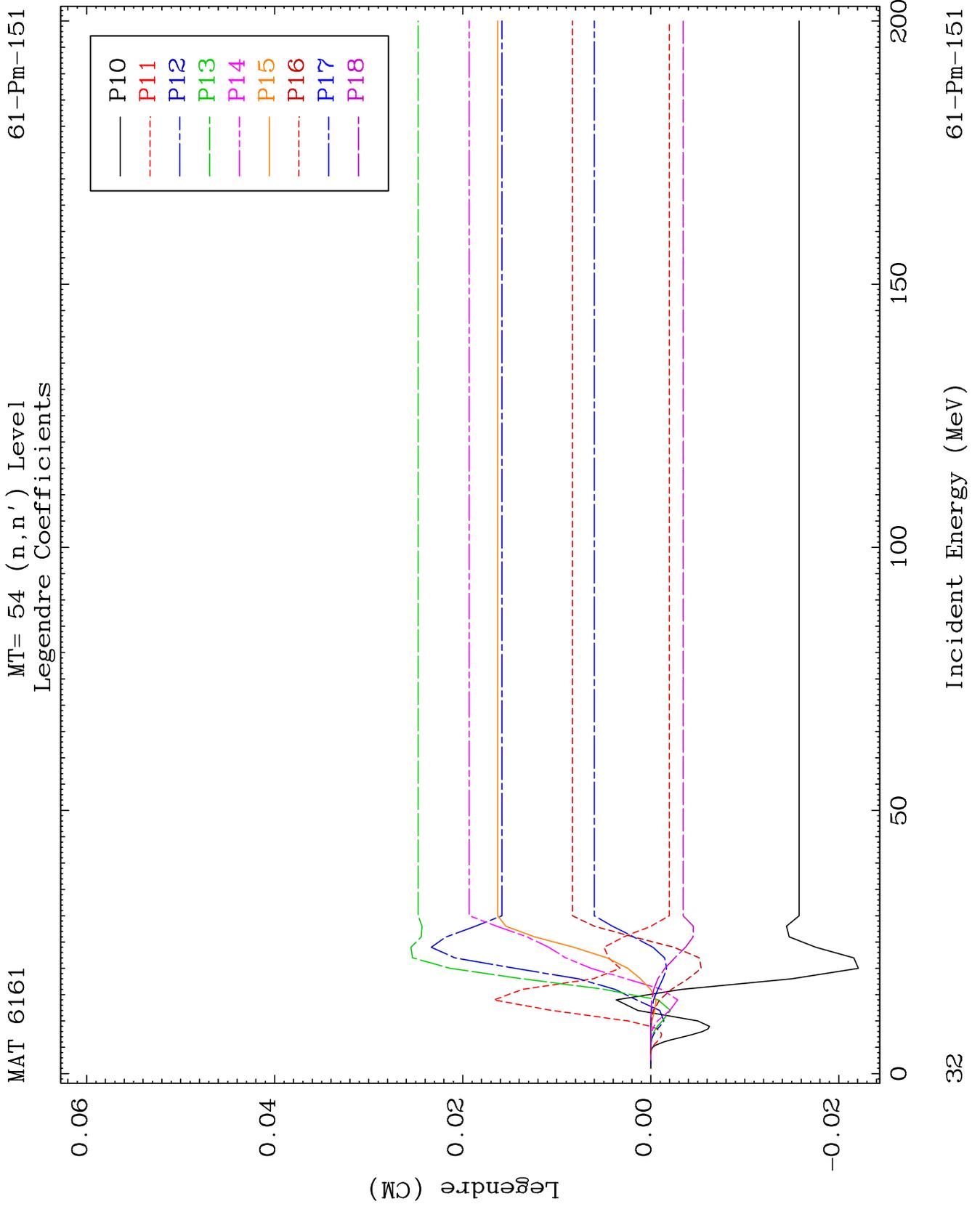


MAT 6161

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

61-Pm-151

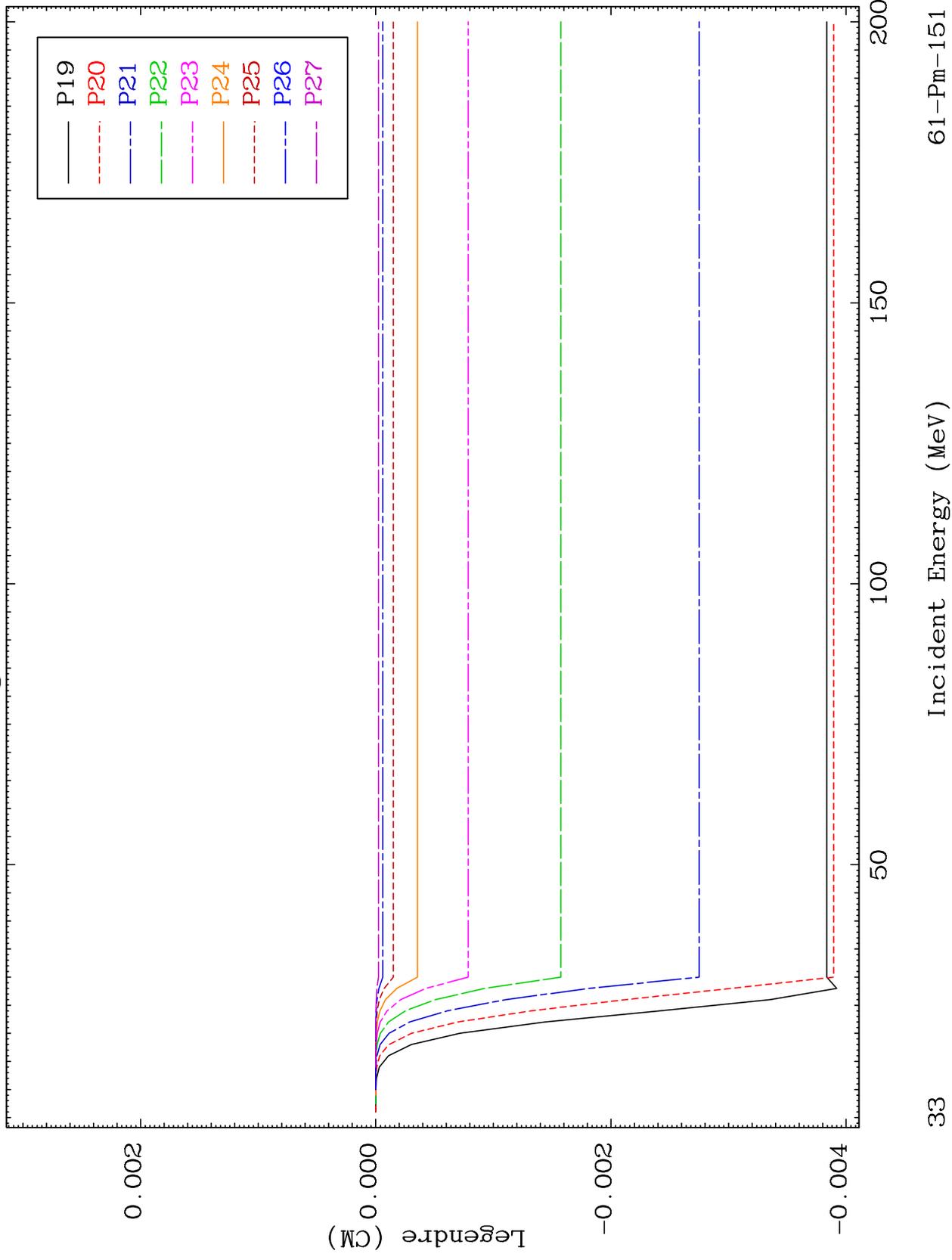




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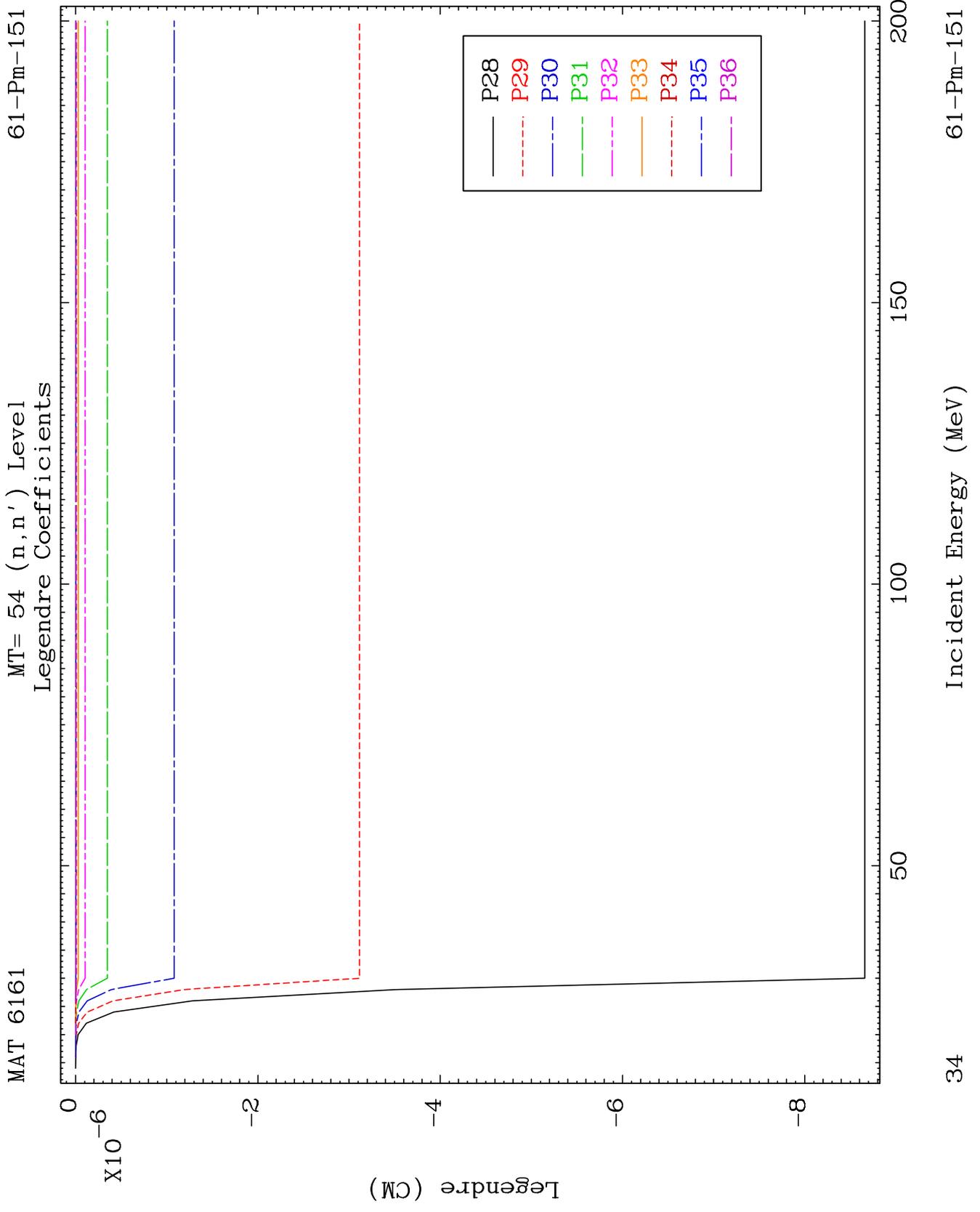
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Legendre Coefficients

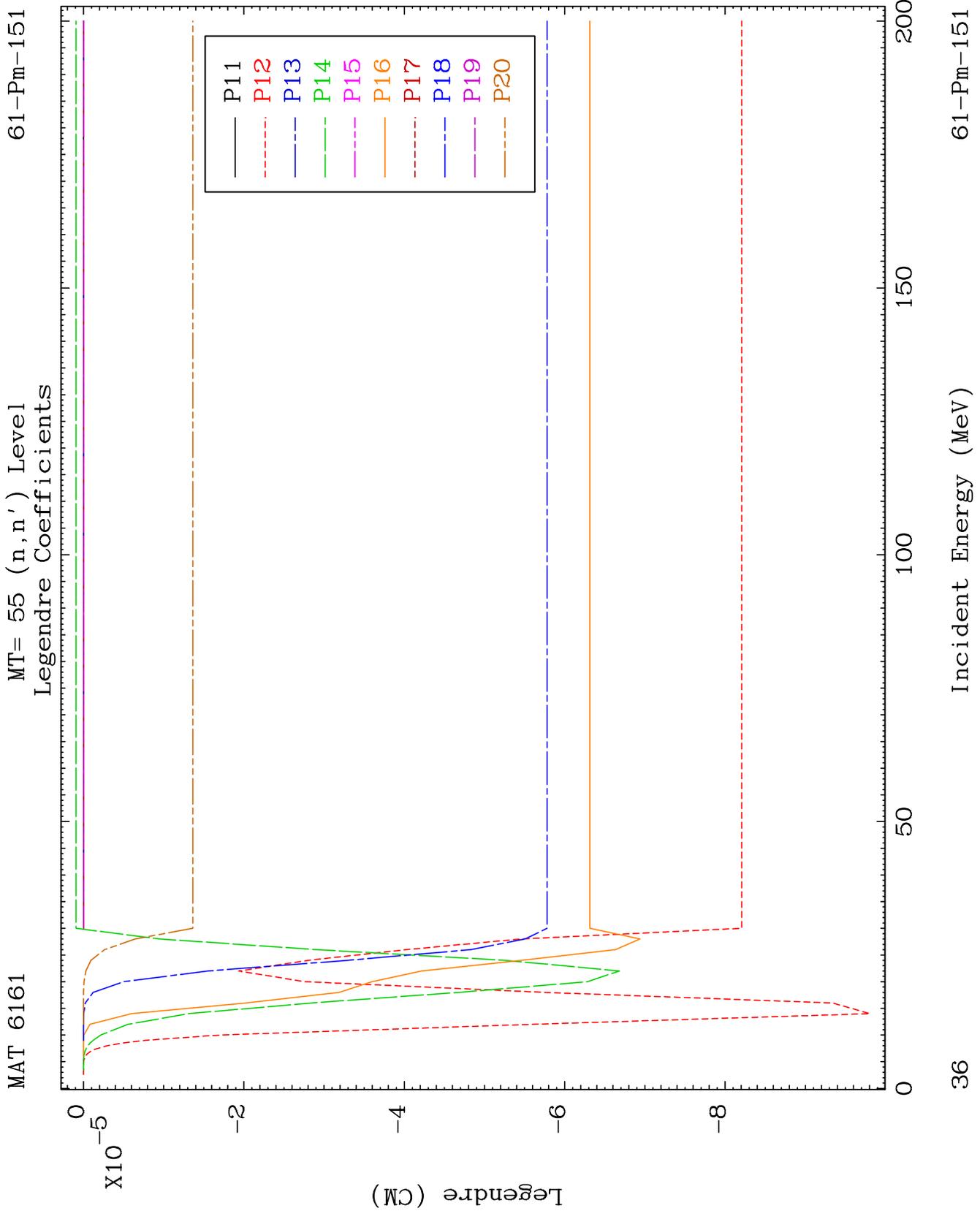
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61-Pm-151

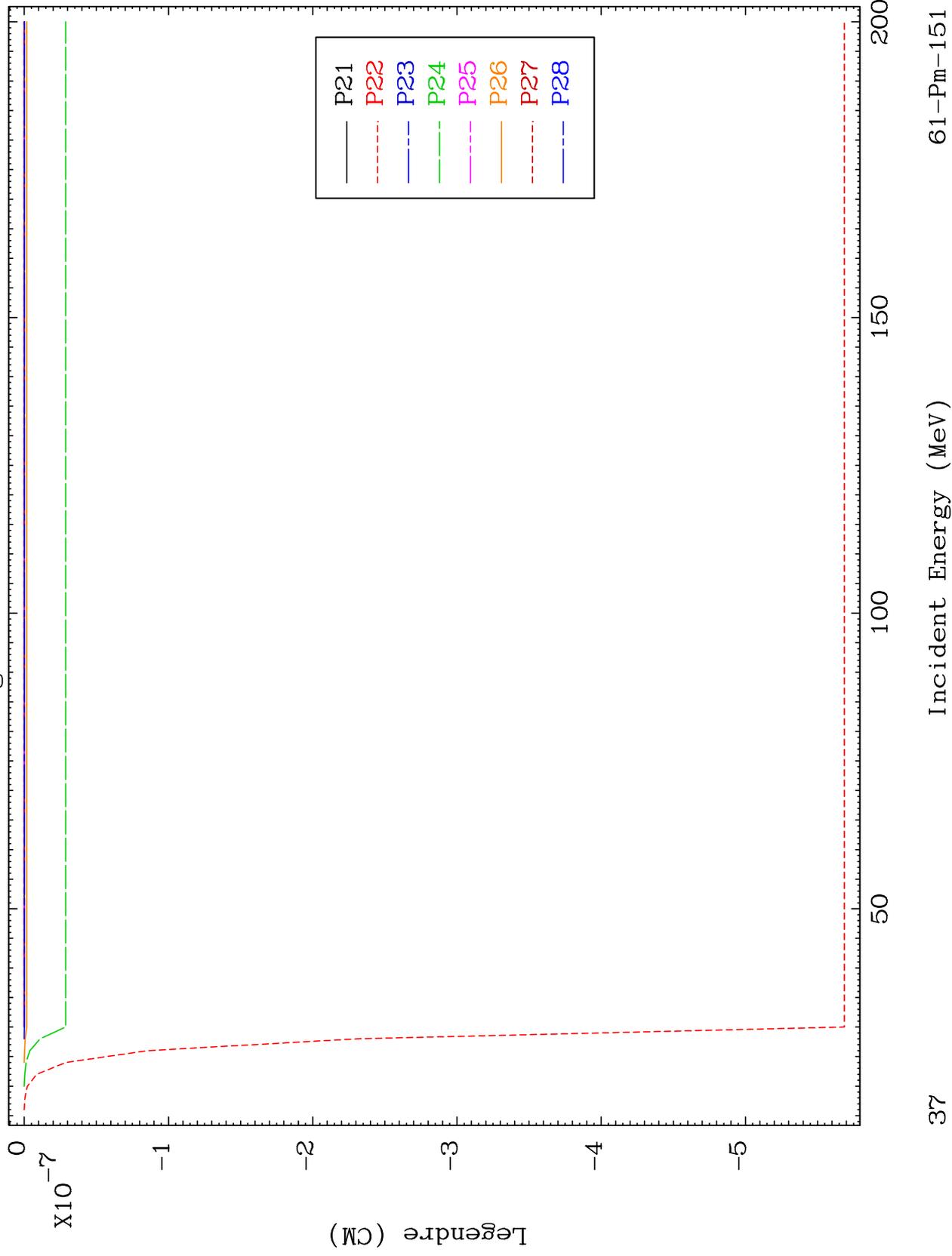




MAT 6161

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

61-Pm-151



37

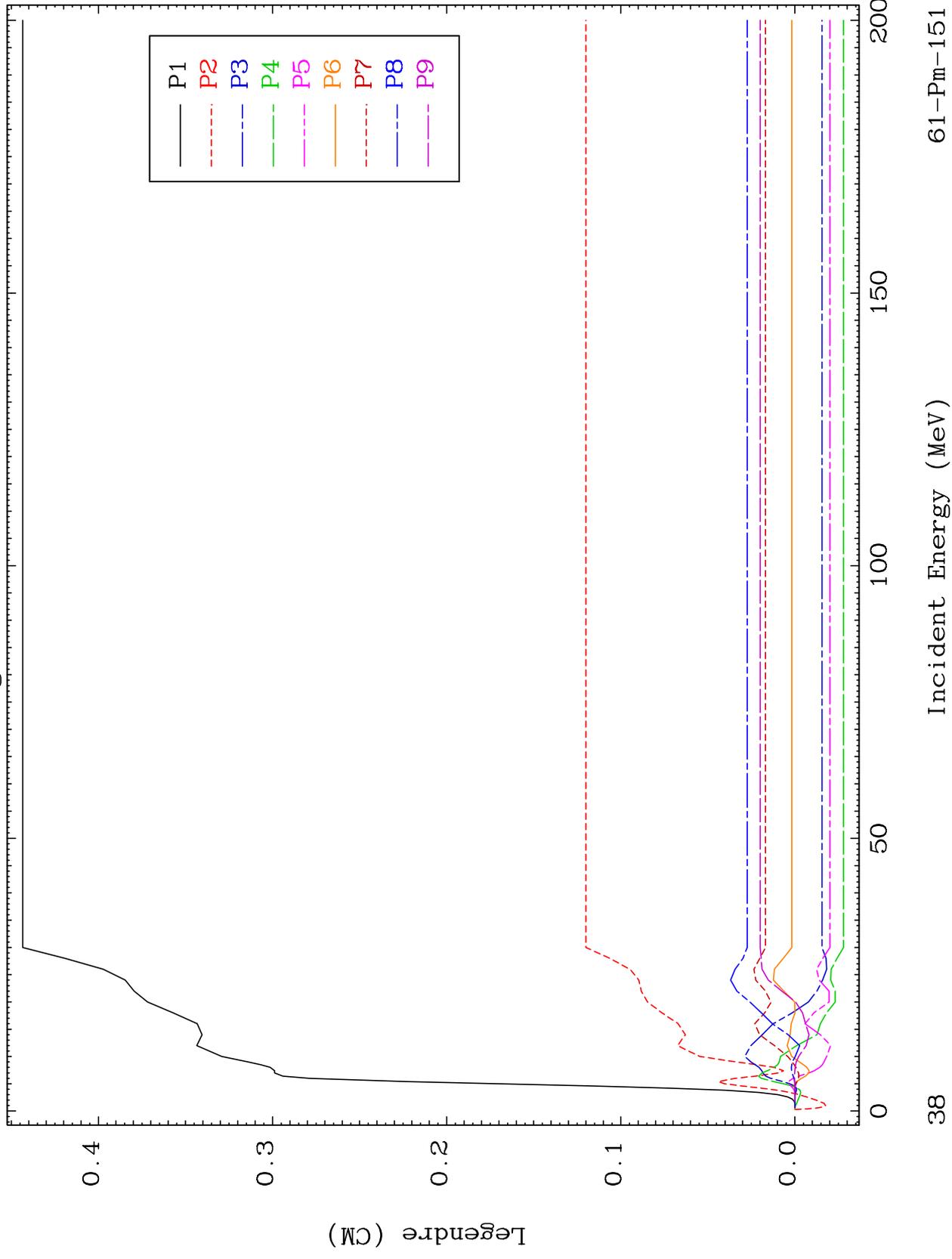
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

61-Pm-151



61-Pm-151

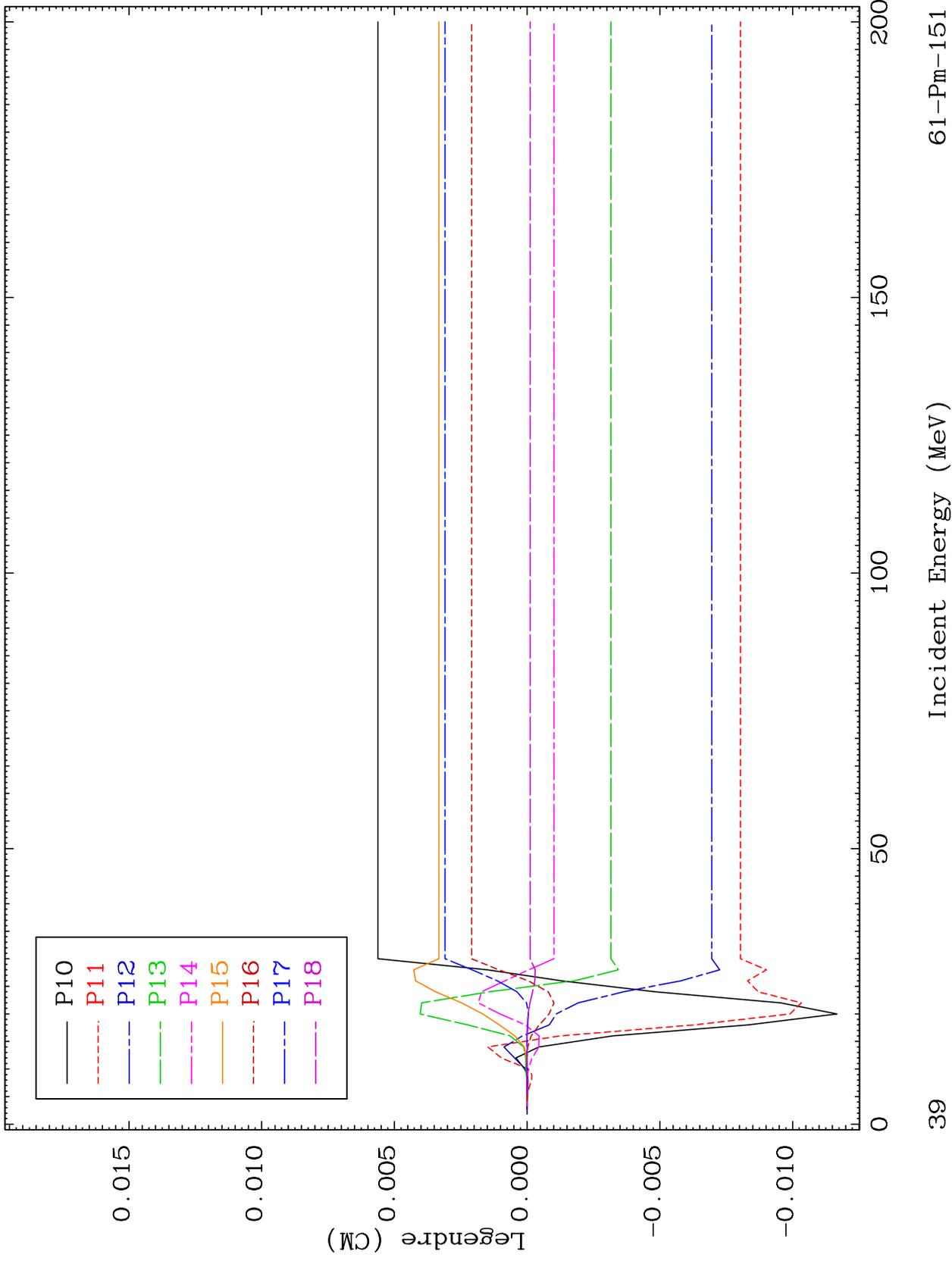
Incident Energy (MeV)

38

MAT 6161

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

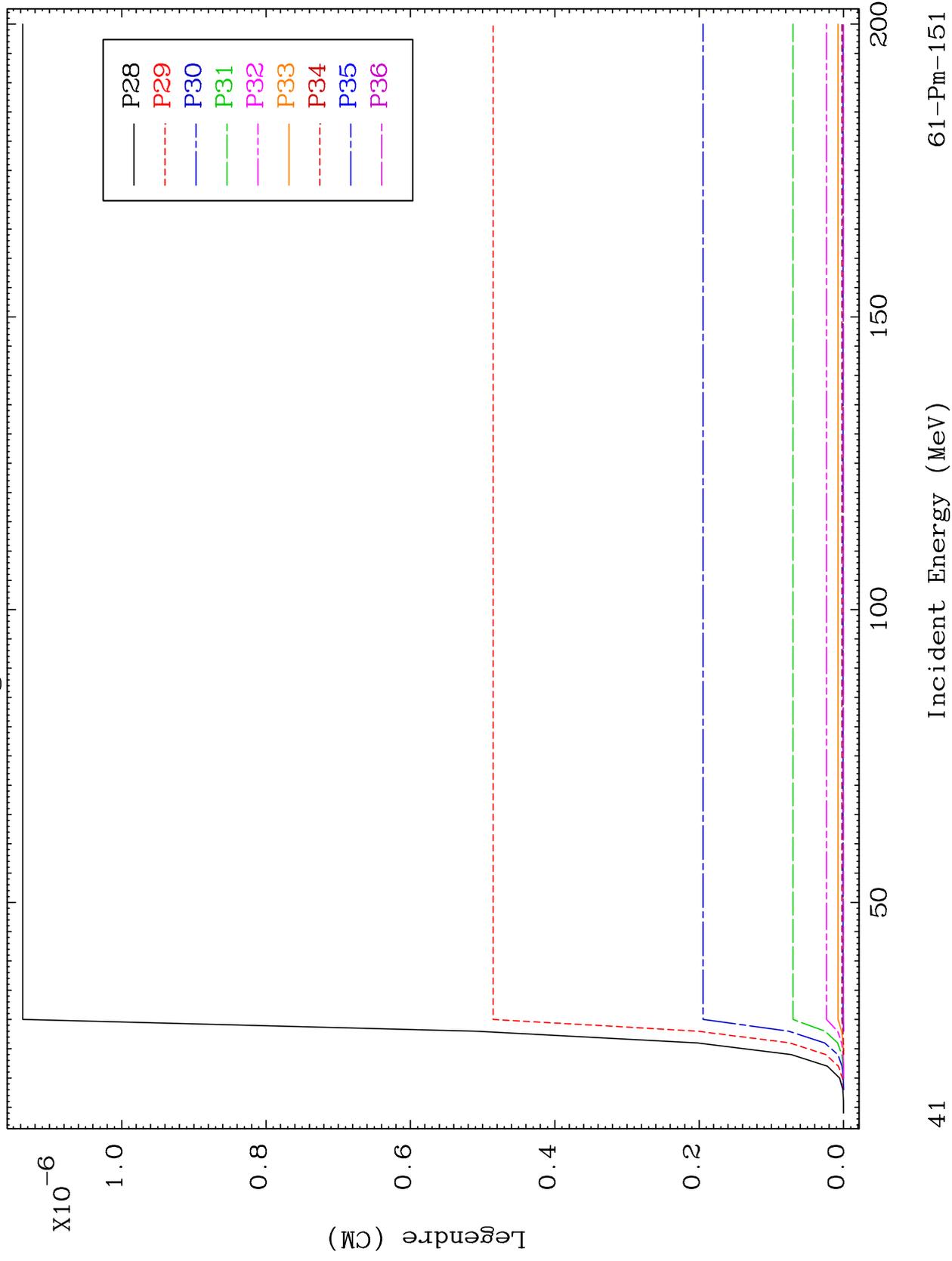
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MAT 6161

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

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41

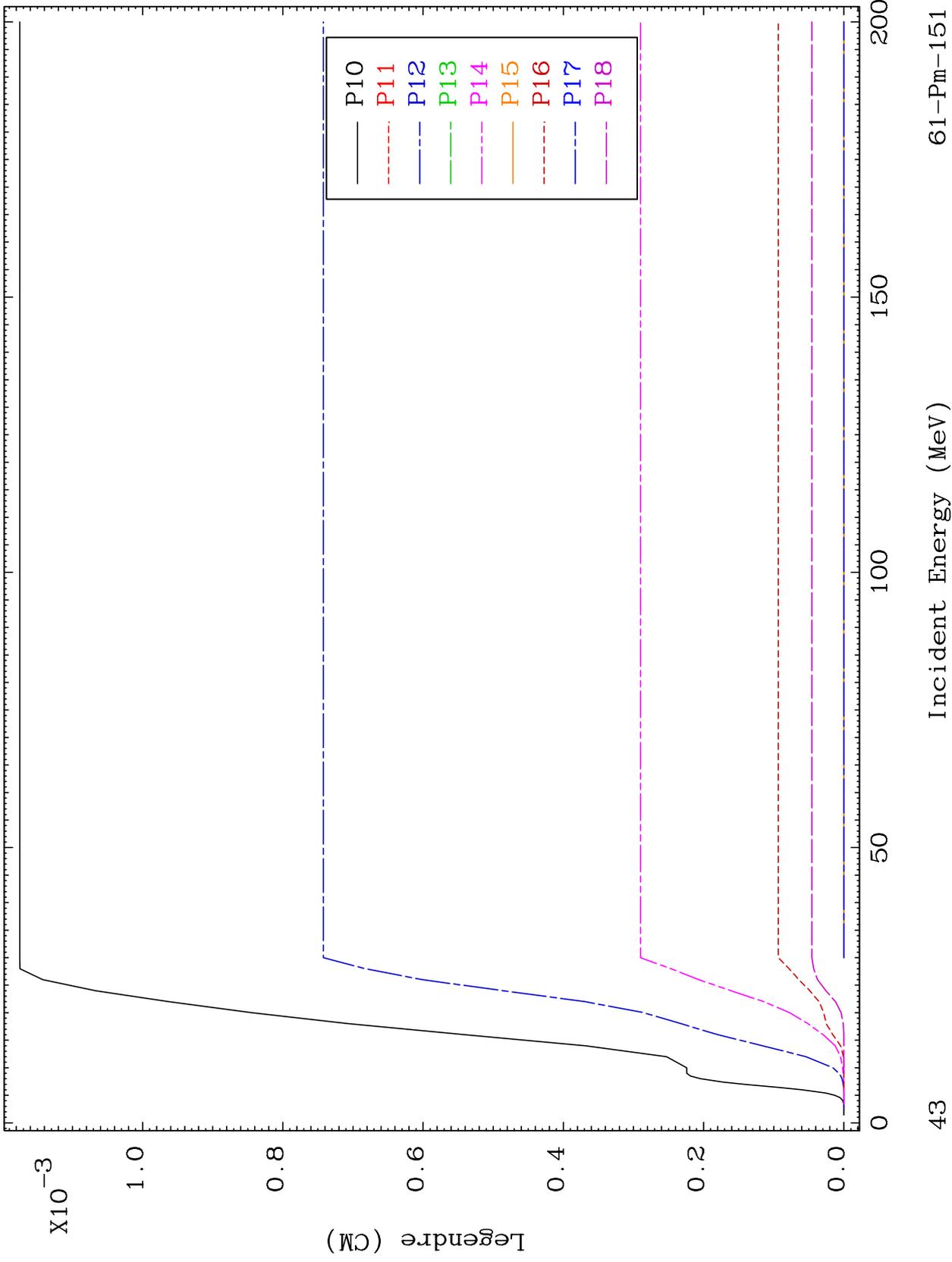
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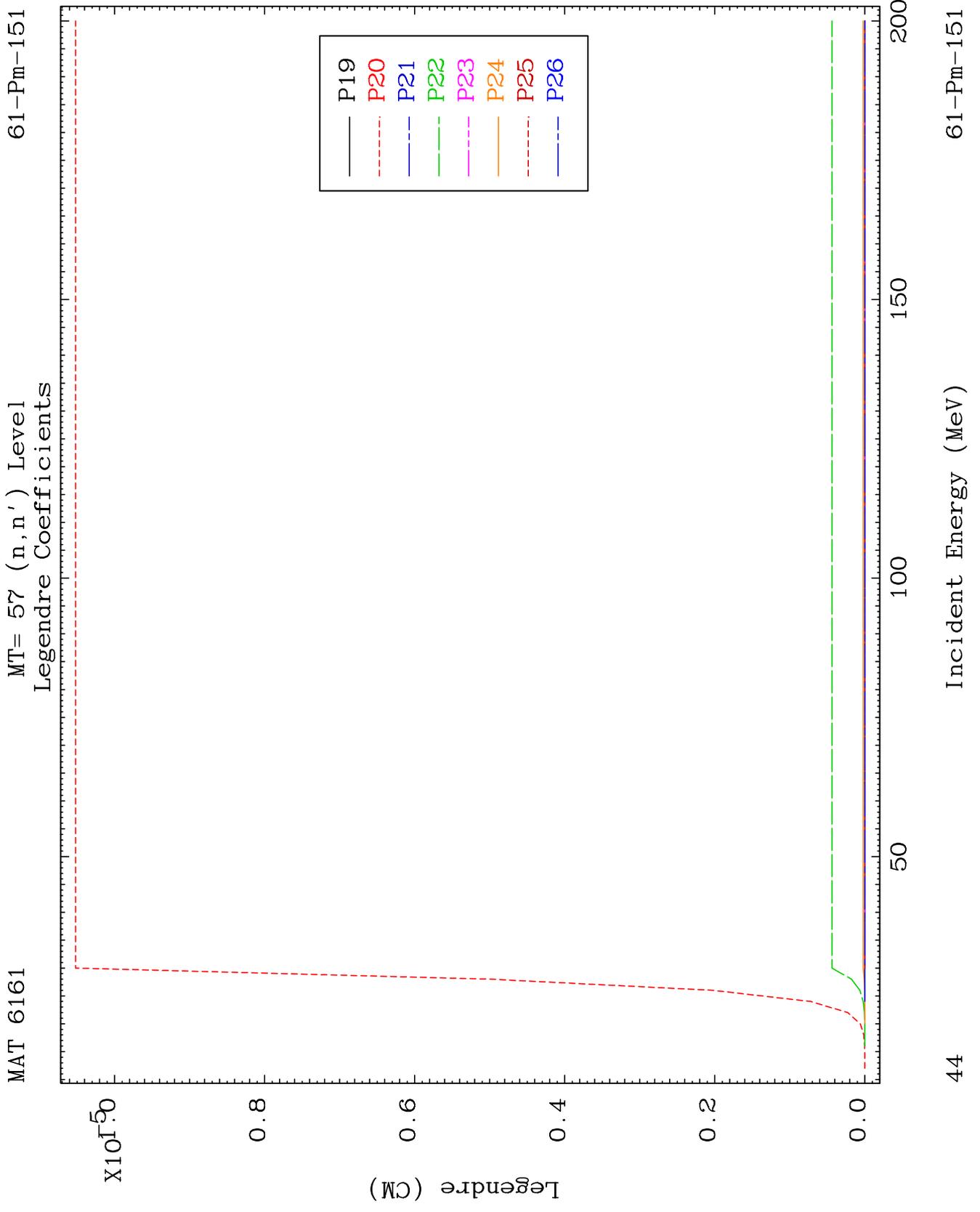
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MAT 6161

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

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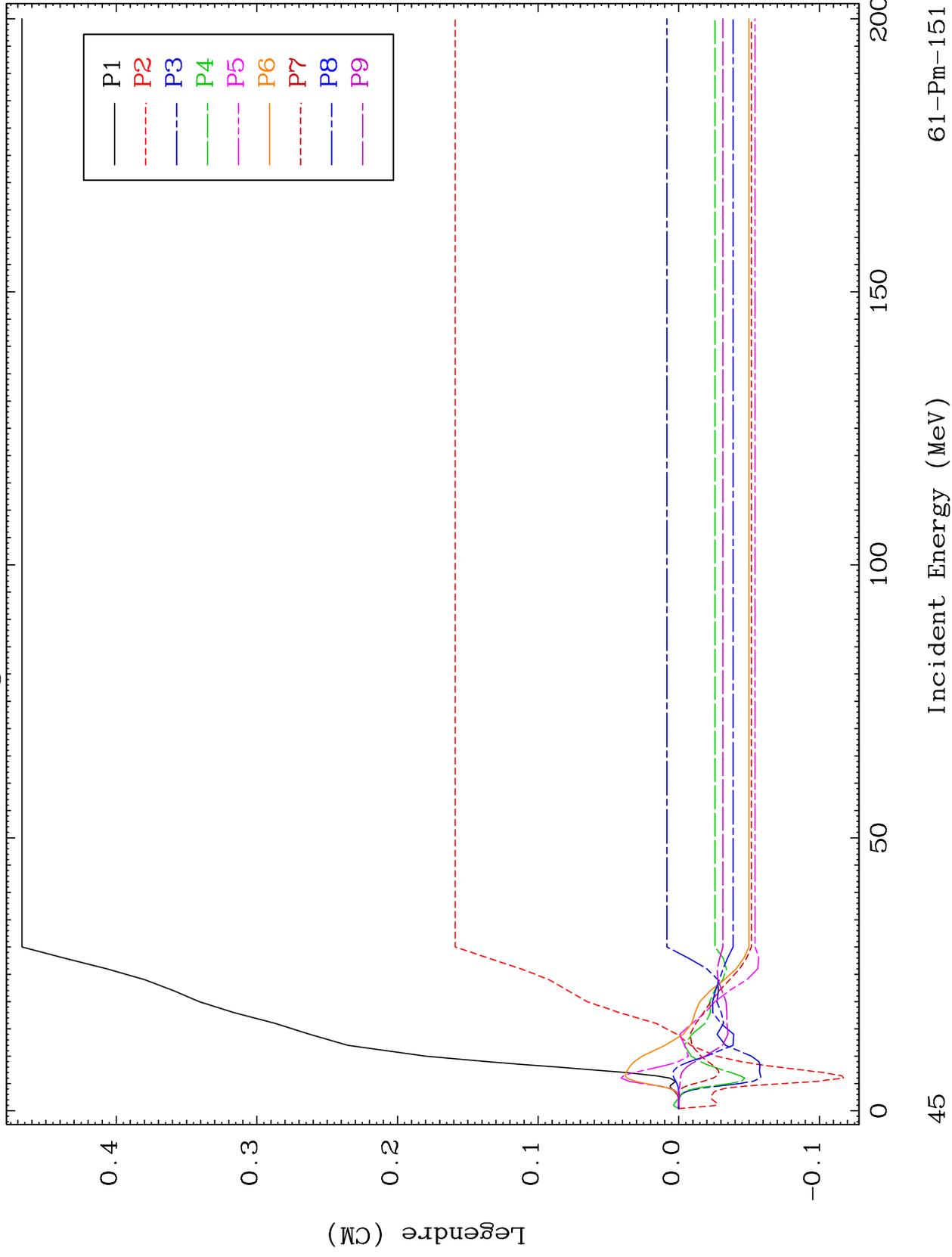


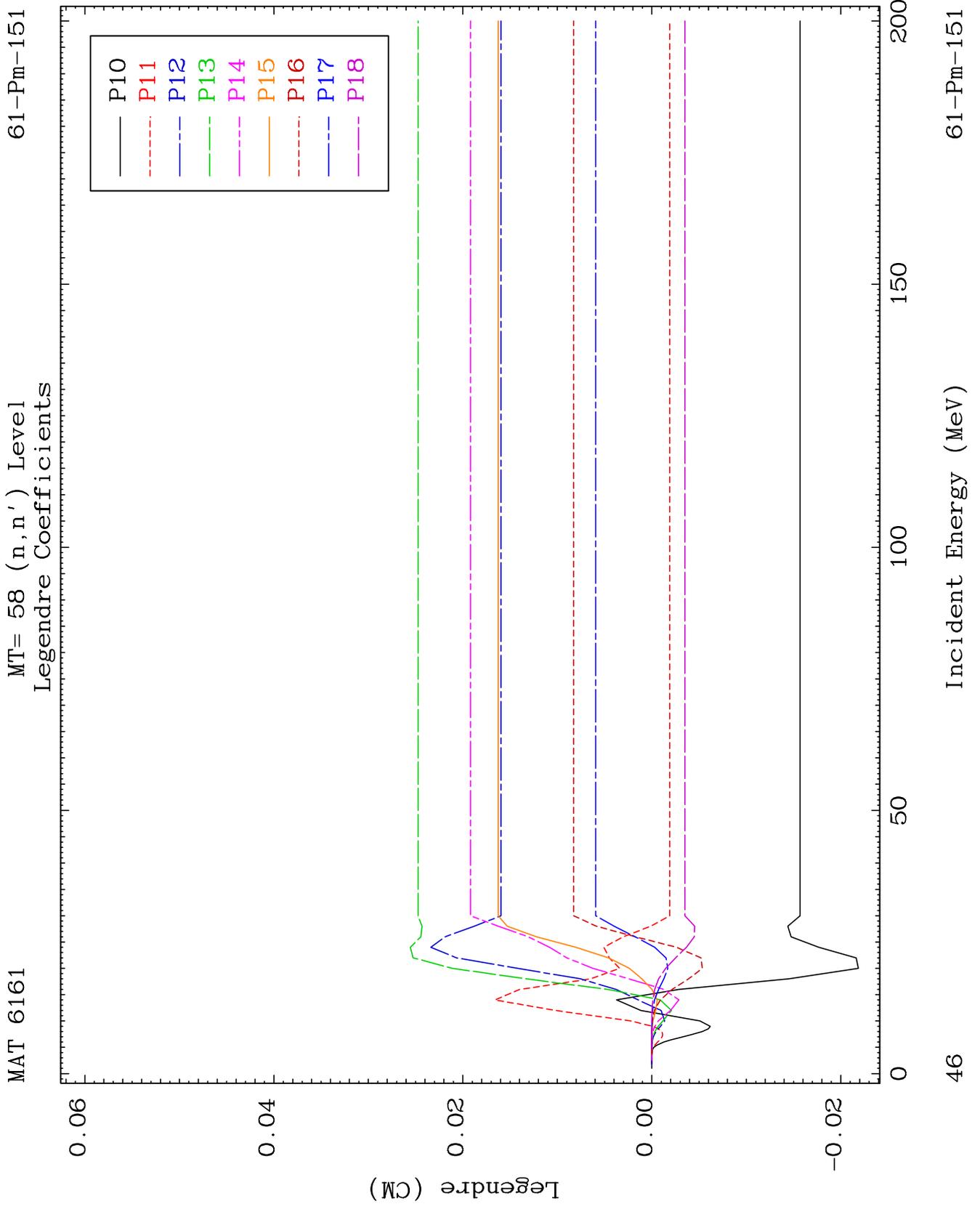


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MT= 58 (n,n') Level
Legendre Coefficients

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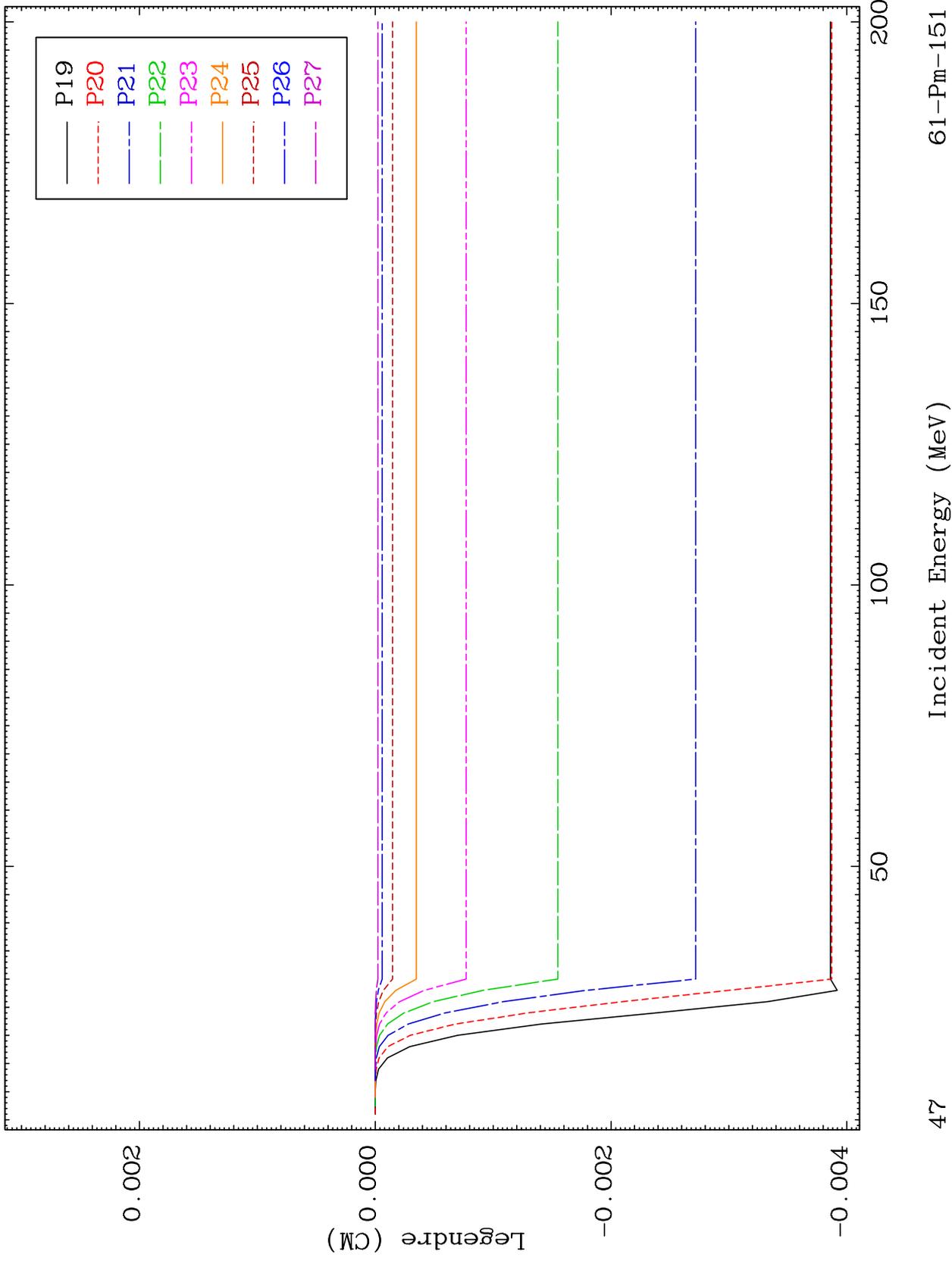




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MT= 58 (n,n') Level
Legendre Coefficients

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47

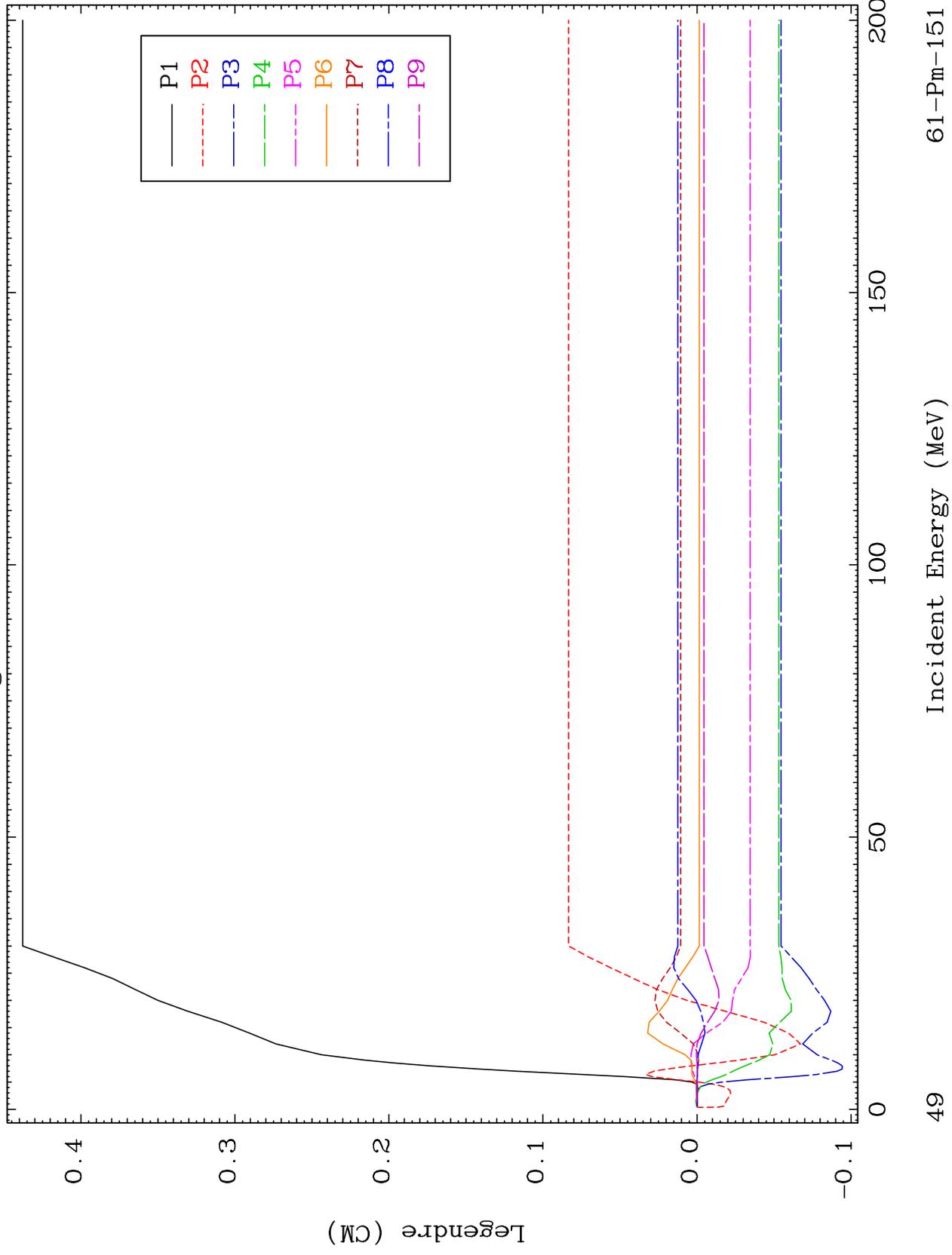
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

61-Pm-151



61-Pm-151

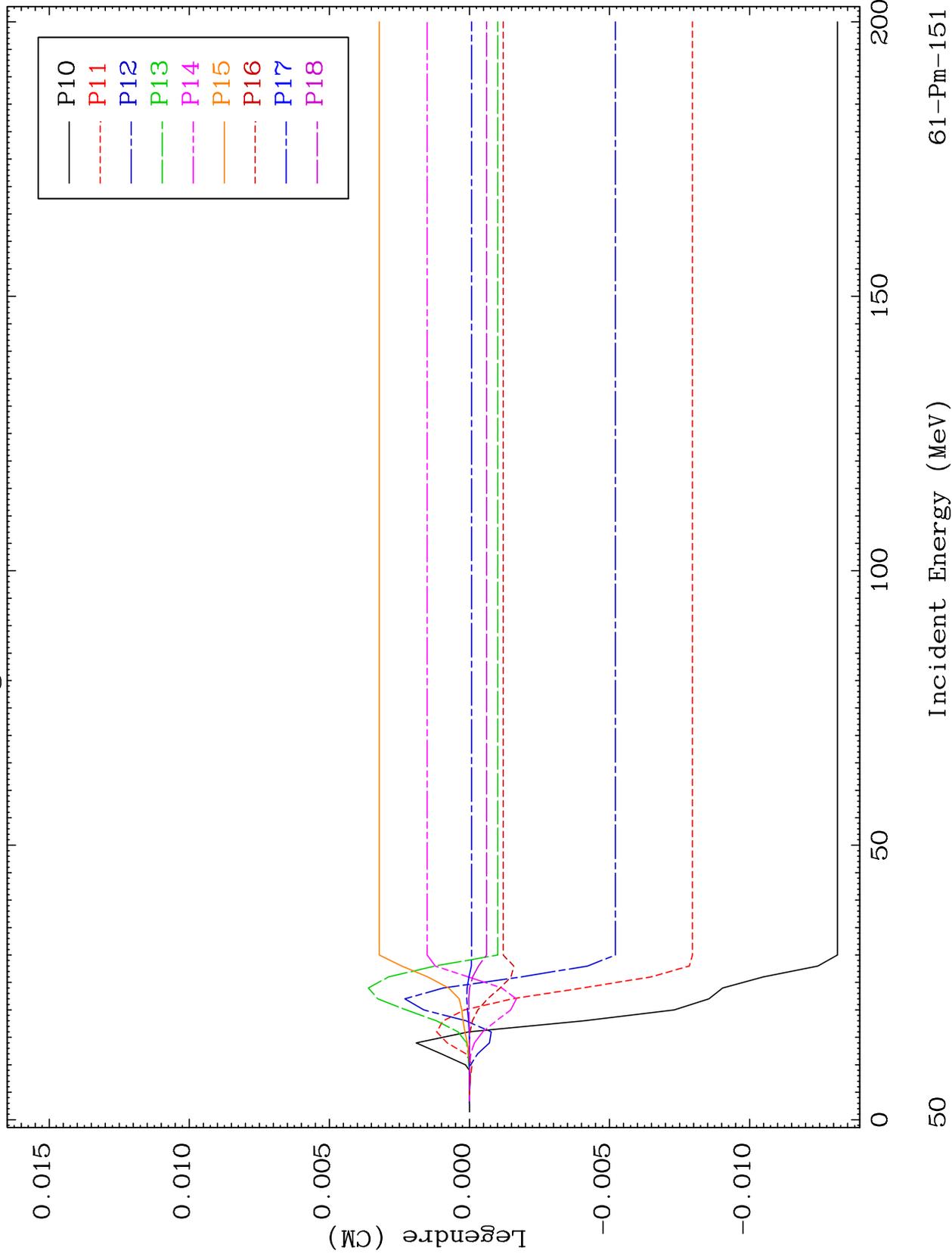
Incident Energy (MeV)

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MAT 6161

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

61-Pm-151



61-Pm-151

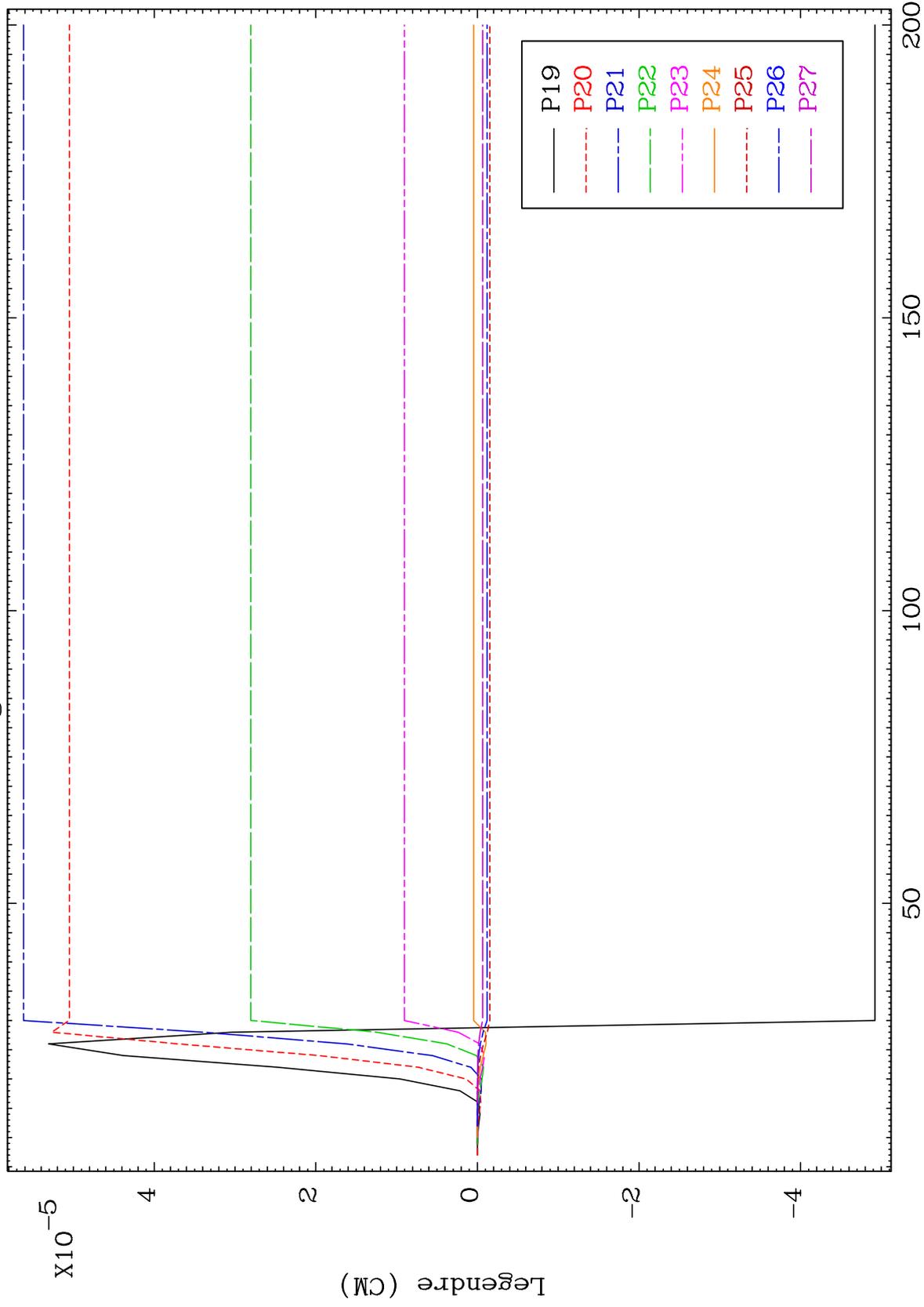
Incident Energy (MeV)

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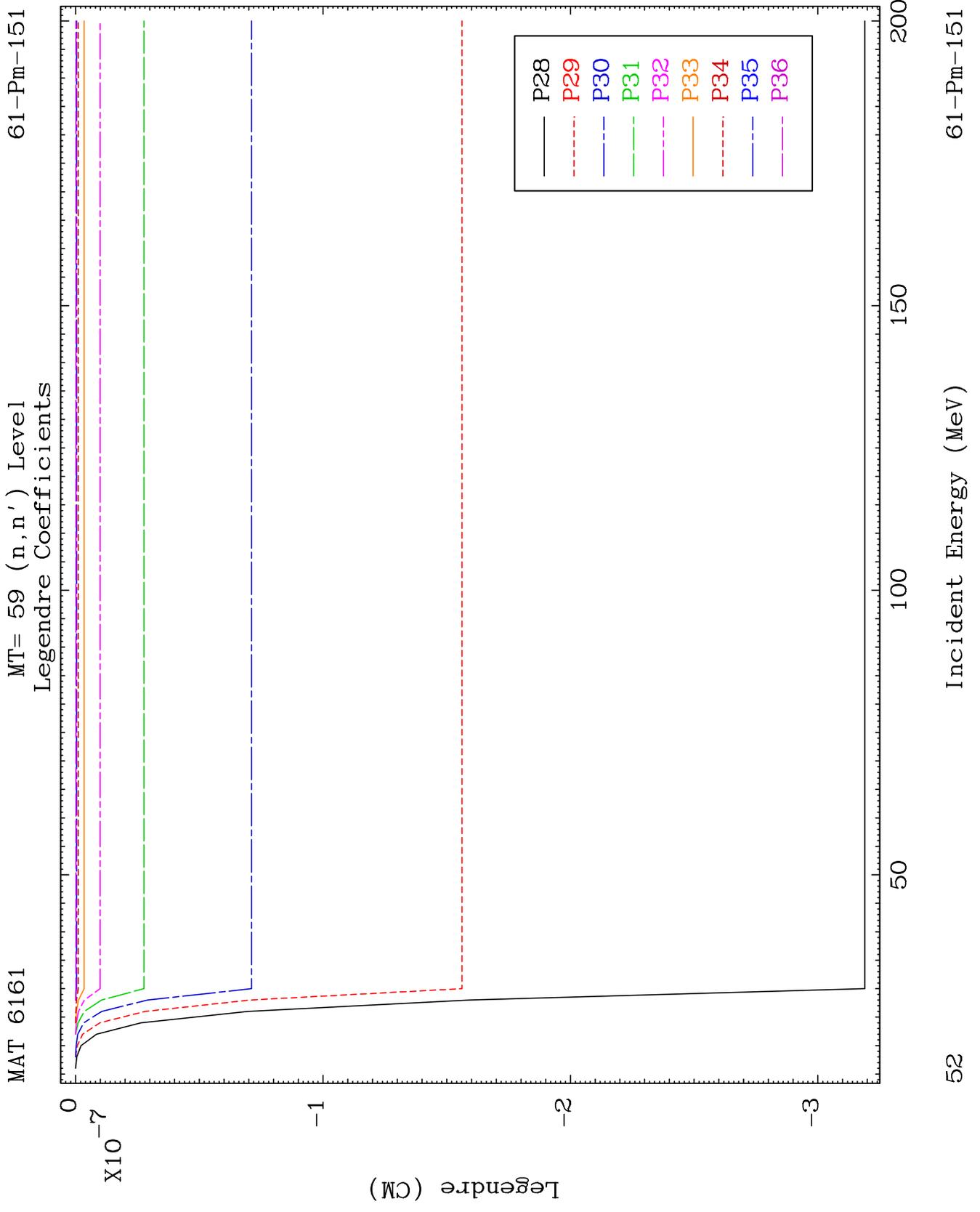
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61-Pm-151



51

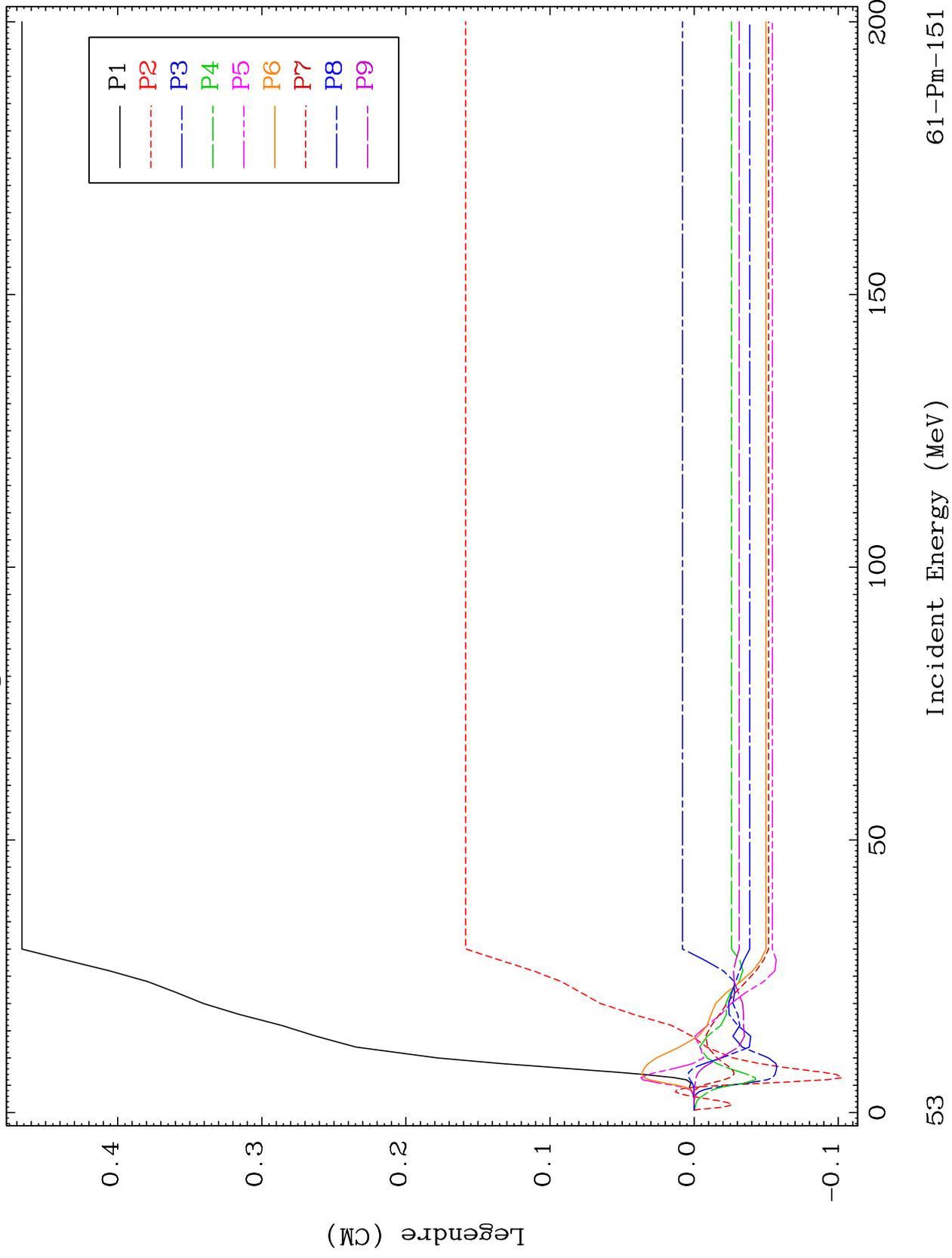
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MAT 6161

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

61-Pm-151



61-Pm-151

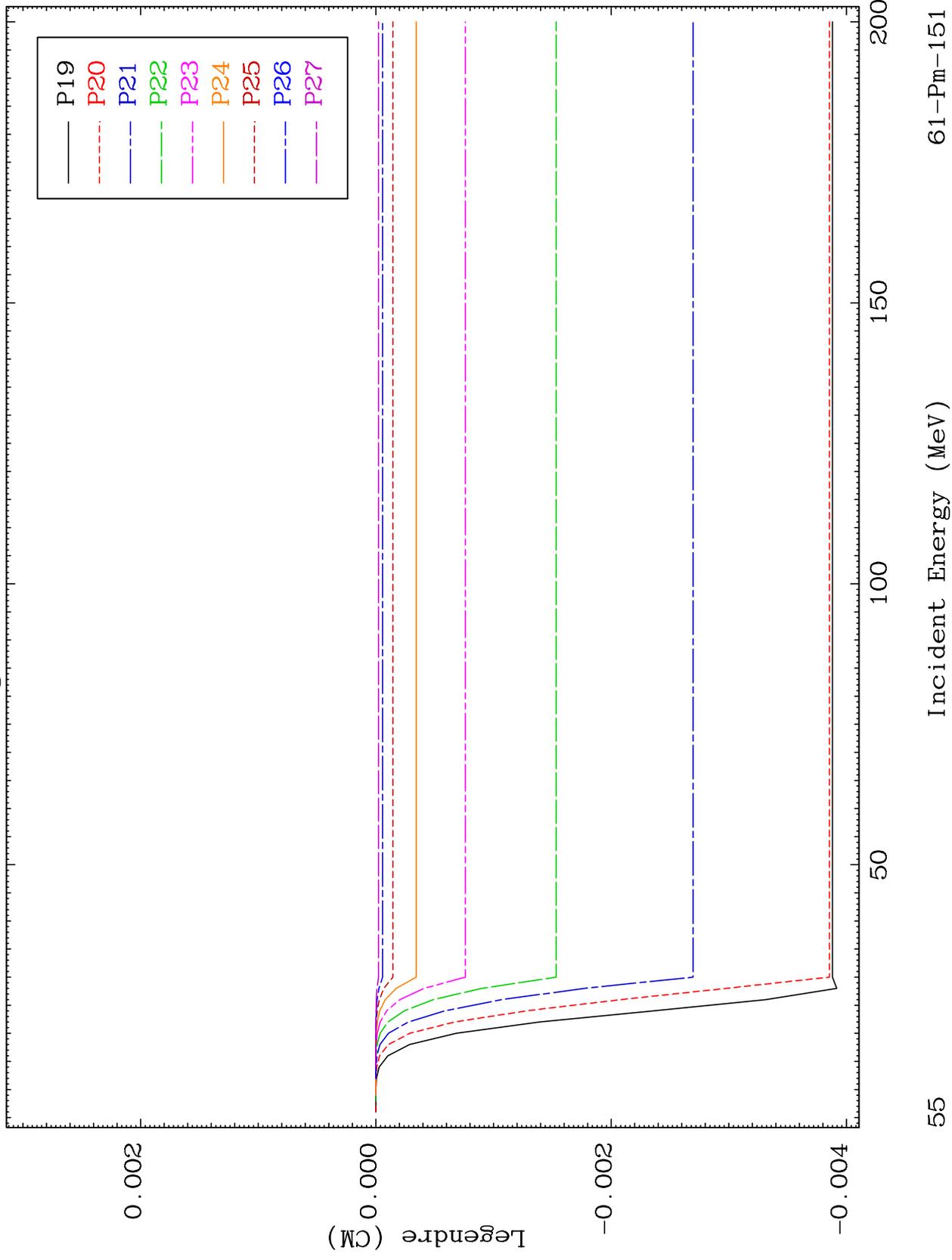
Incident Energy (MeV)

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MAT 6161

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Legendre Coefficients

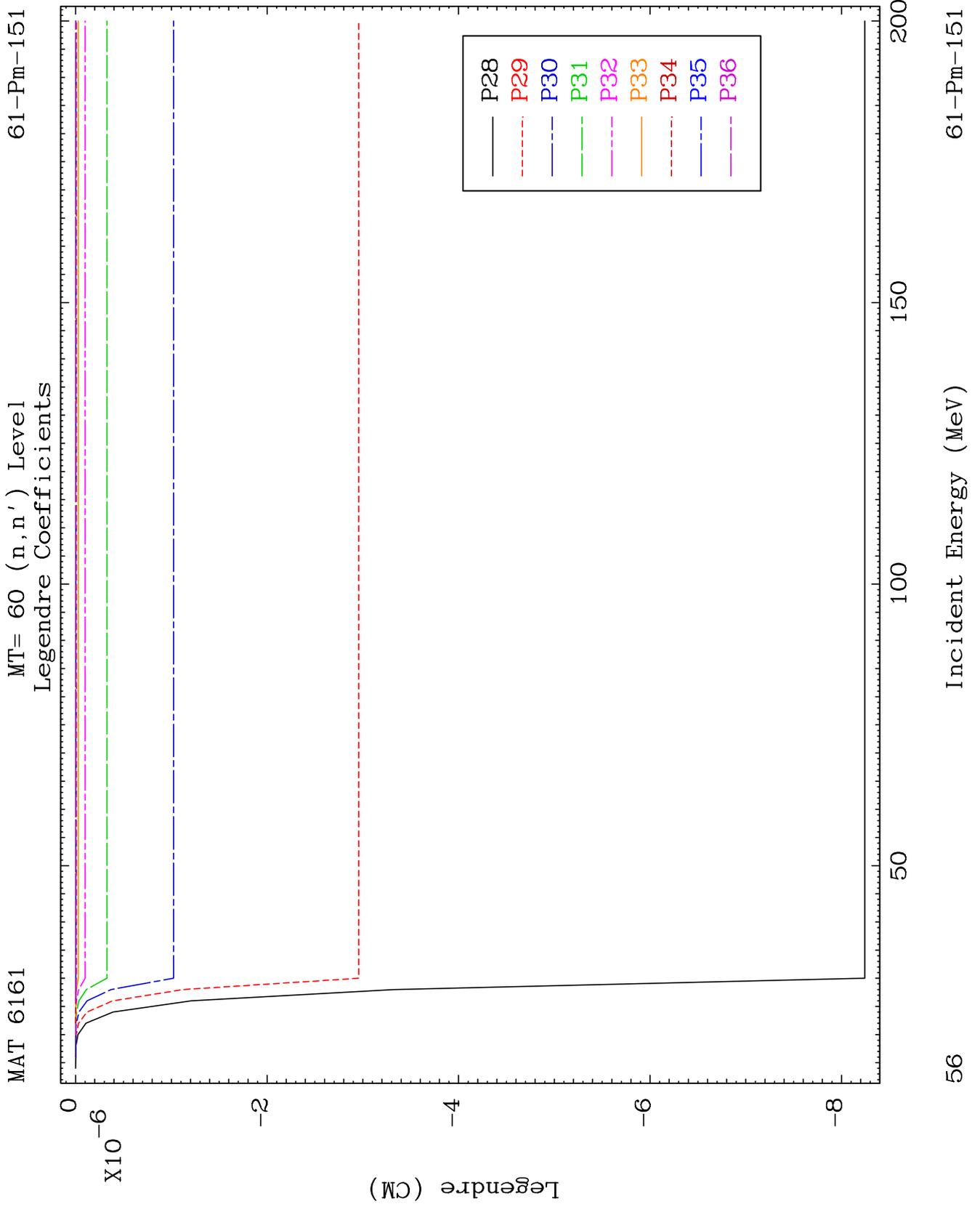
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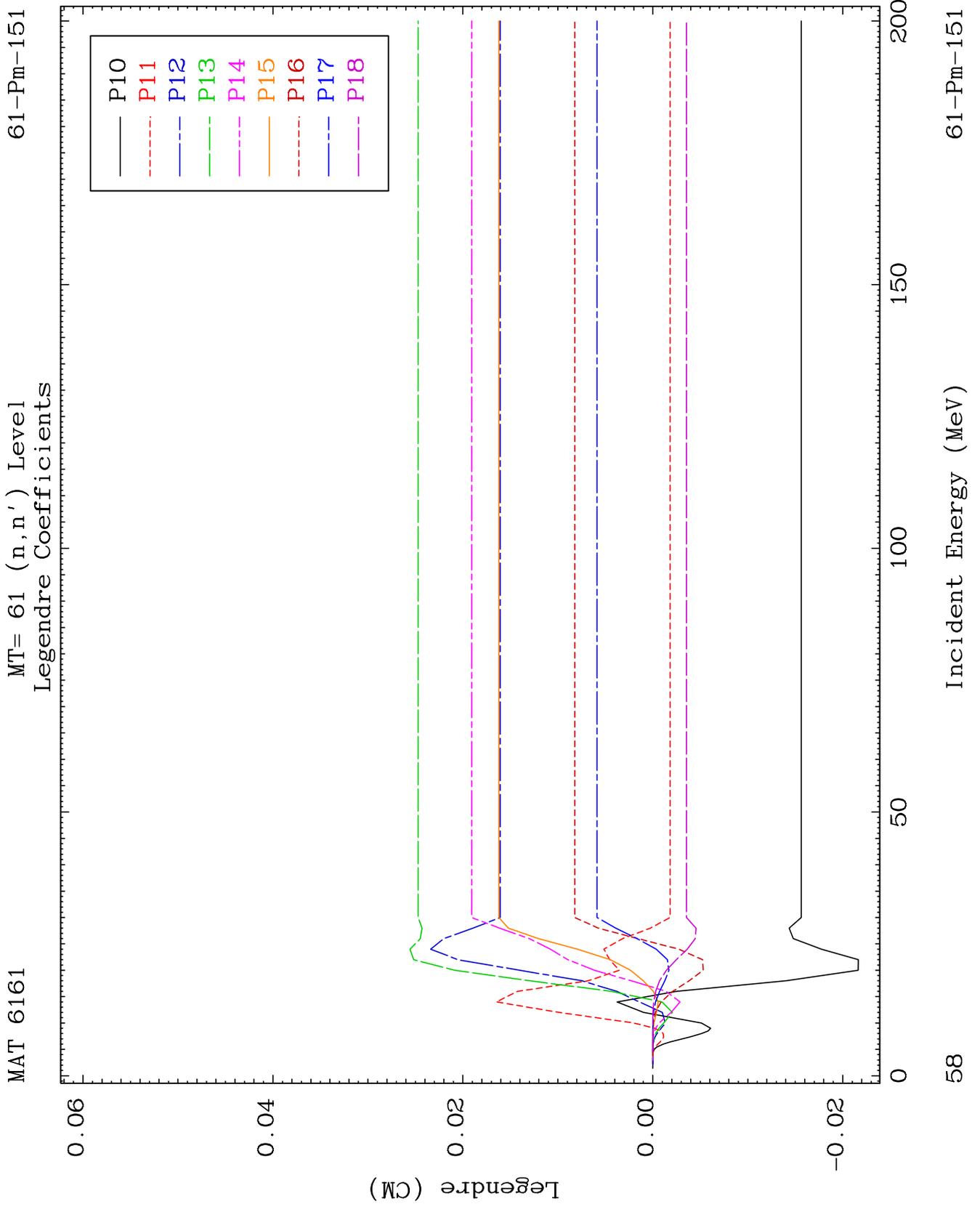


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Incident Energy (MeV)

61-Pm-151

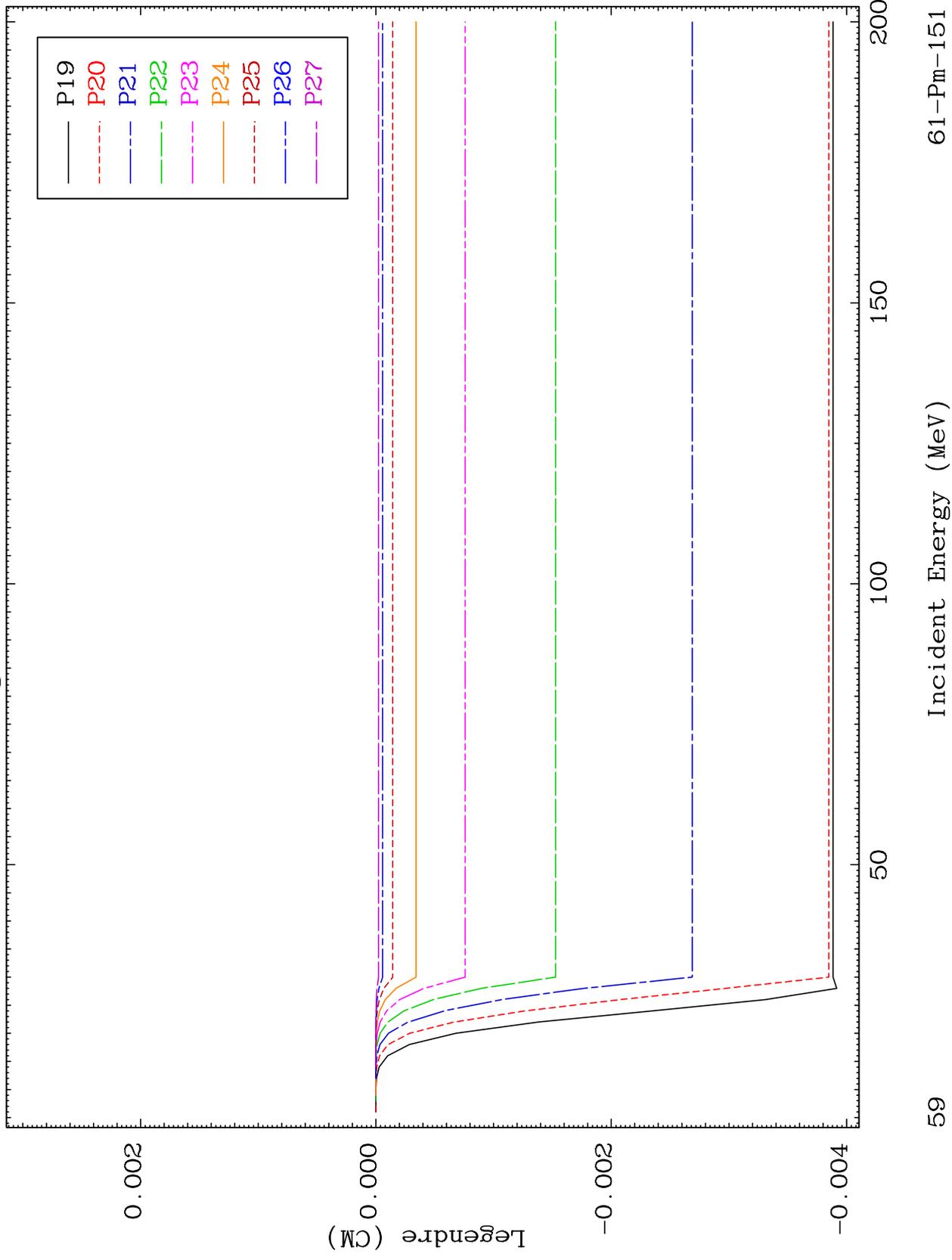




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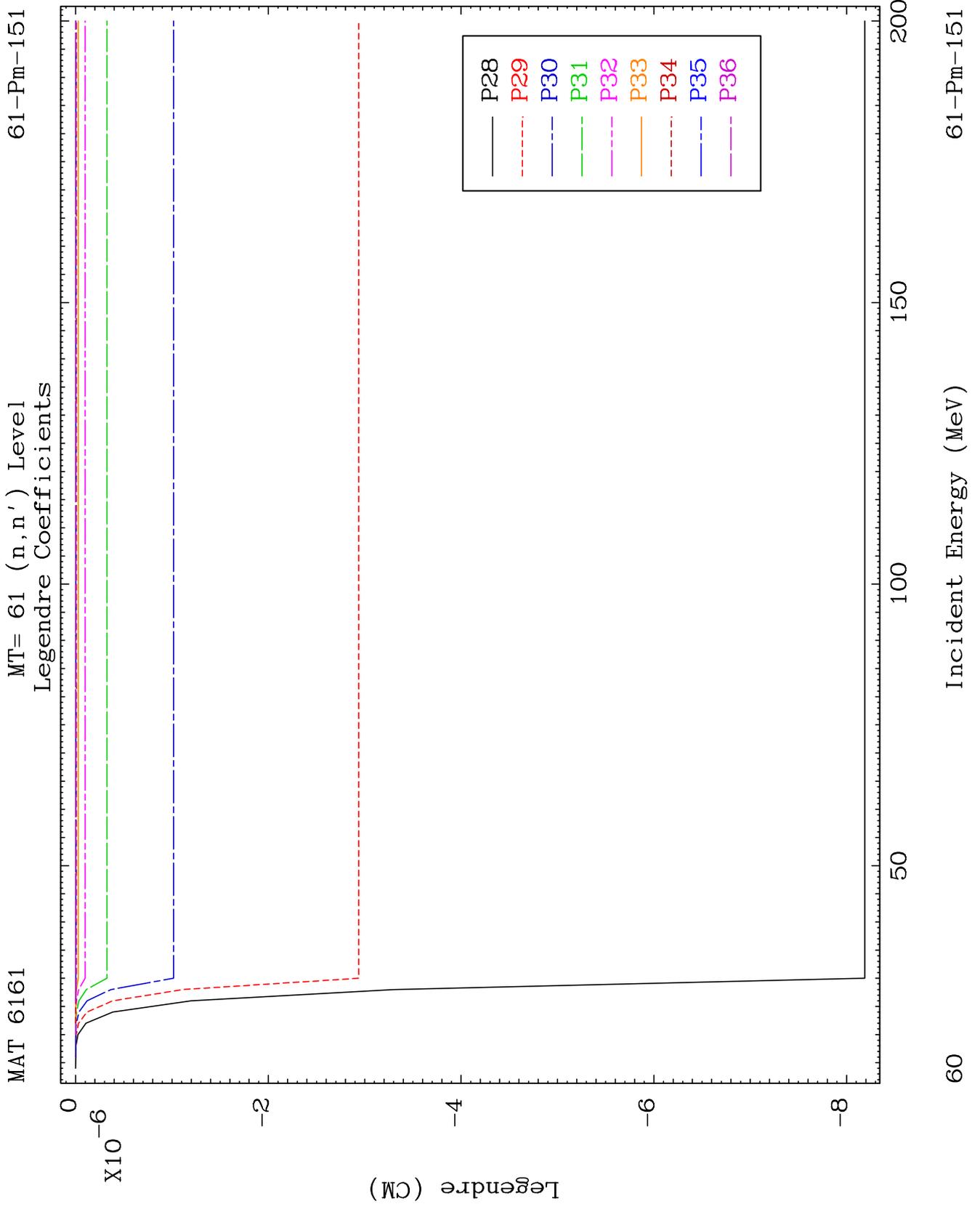
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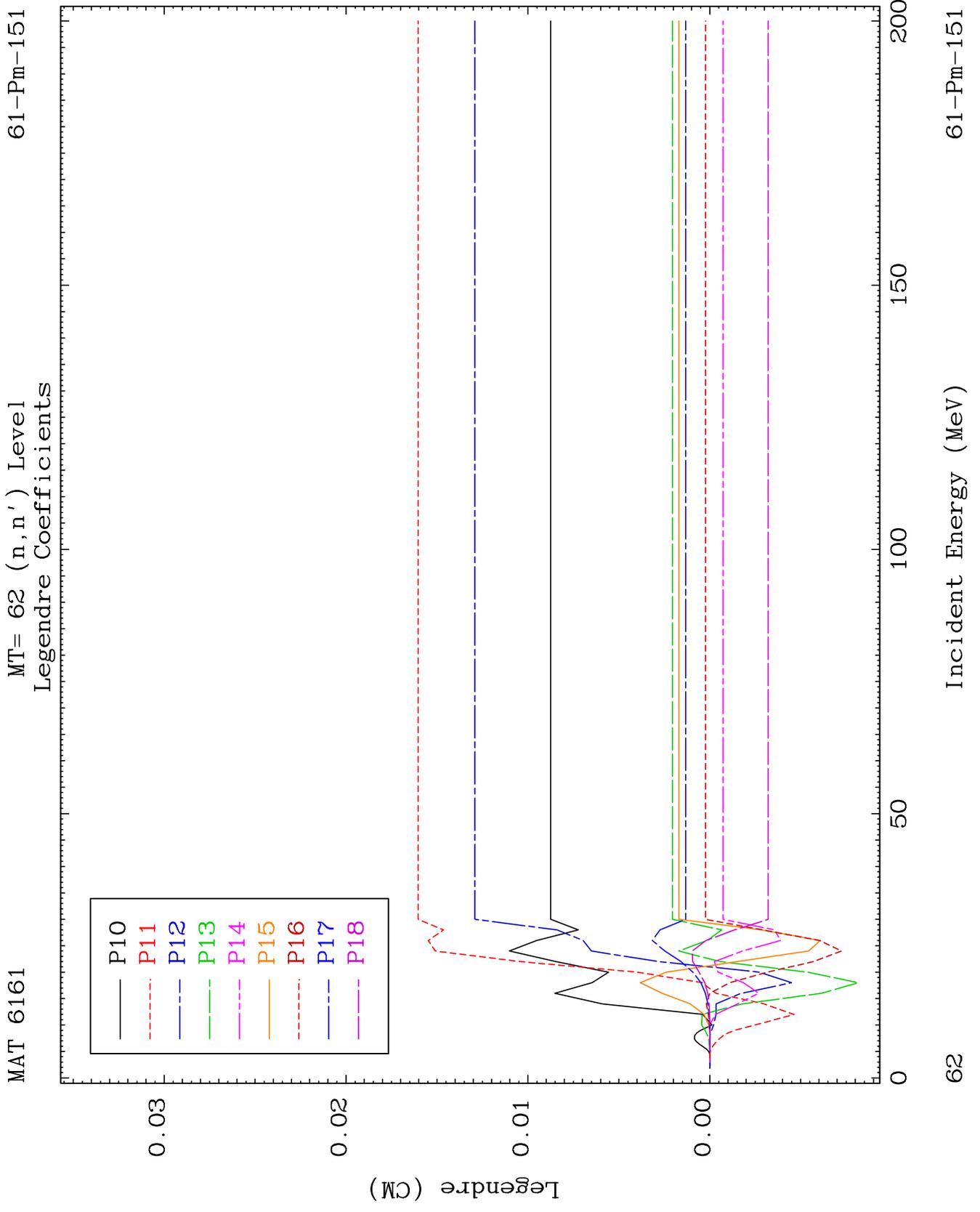
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59

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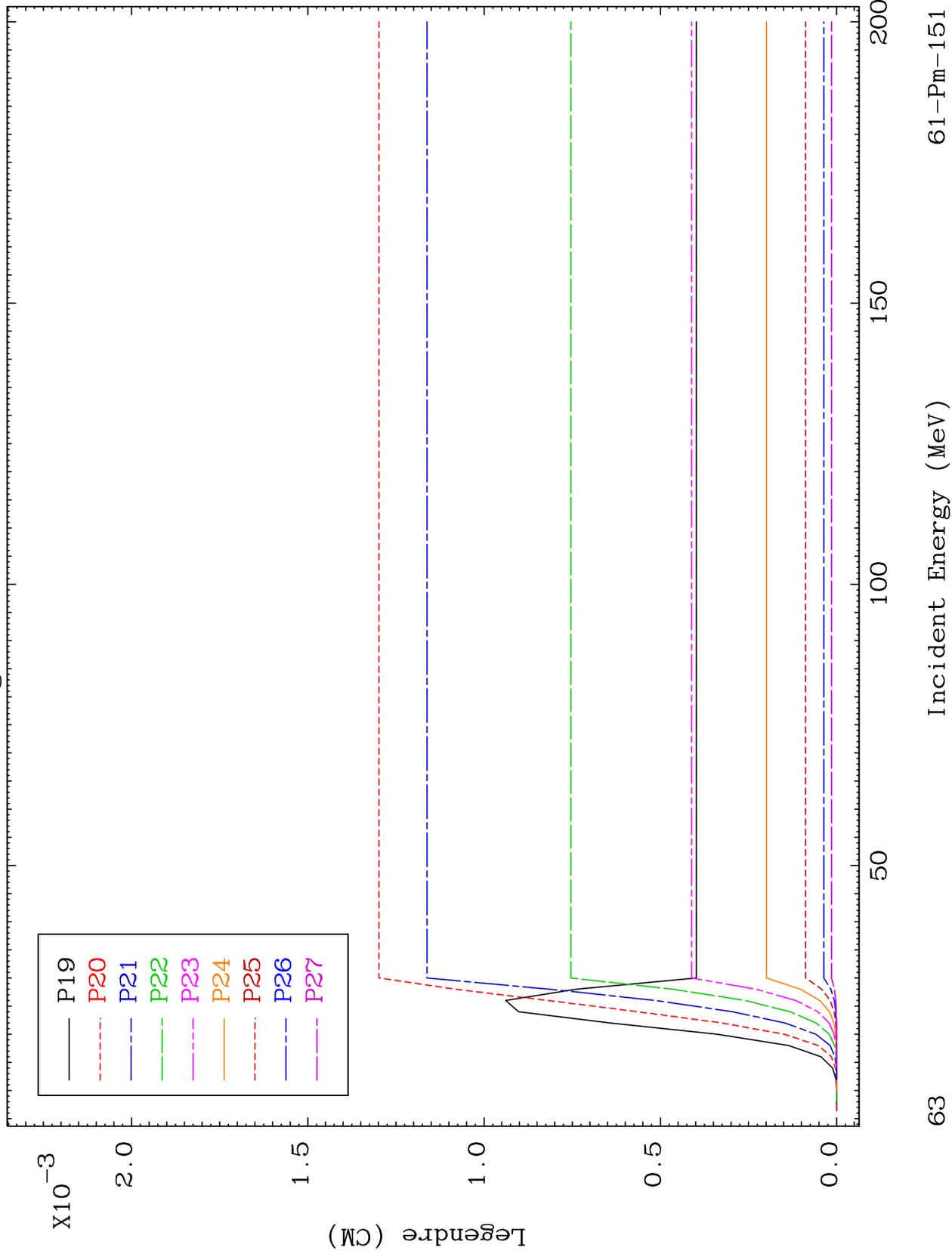




MAT 6161

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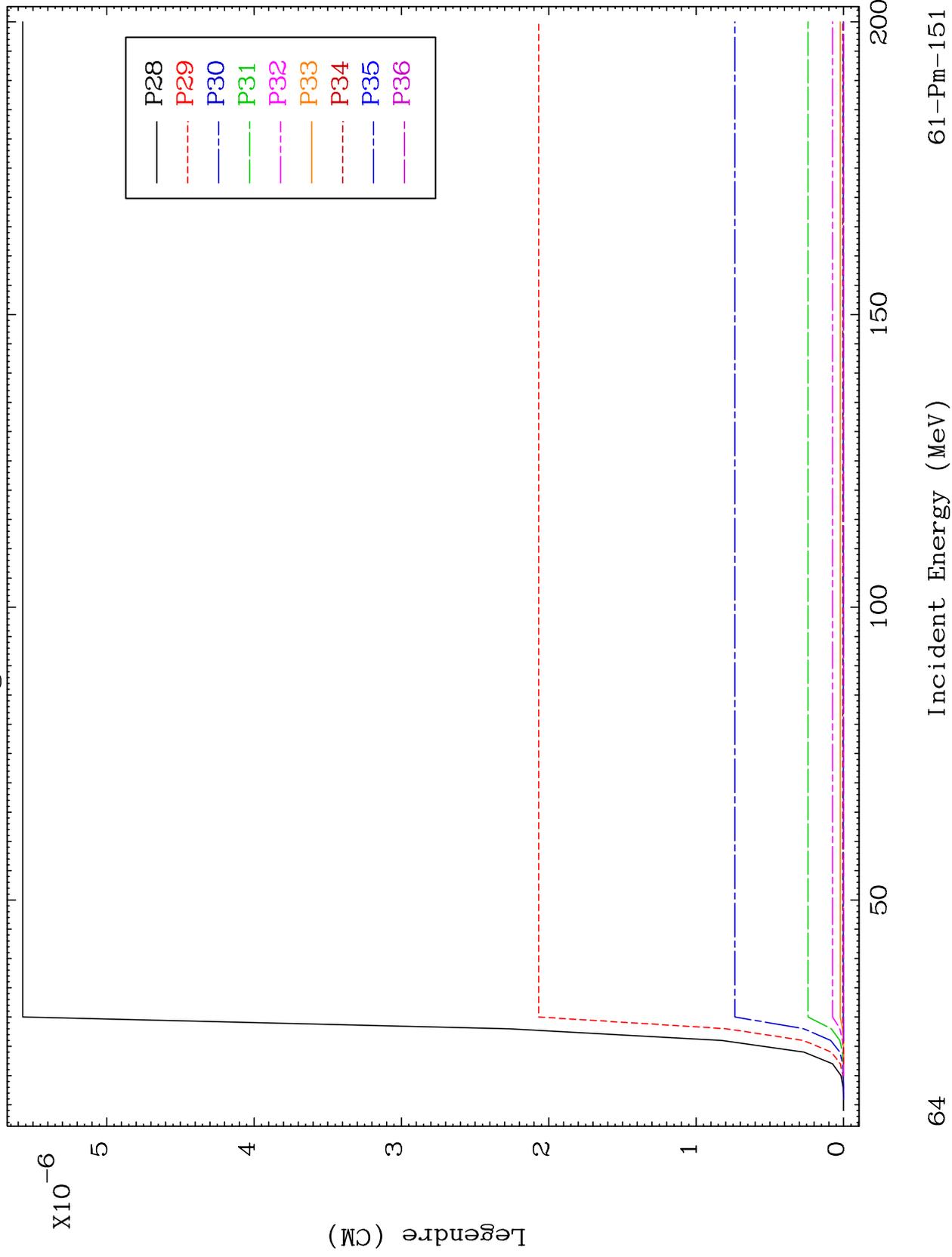
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MAT 6161

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

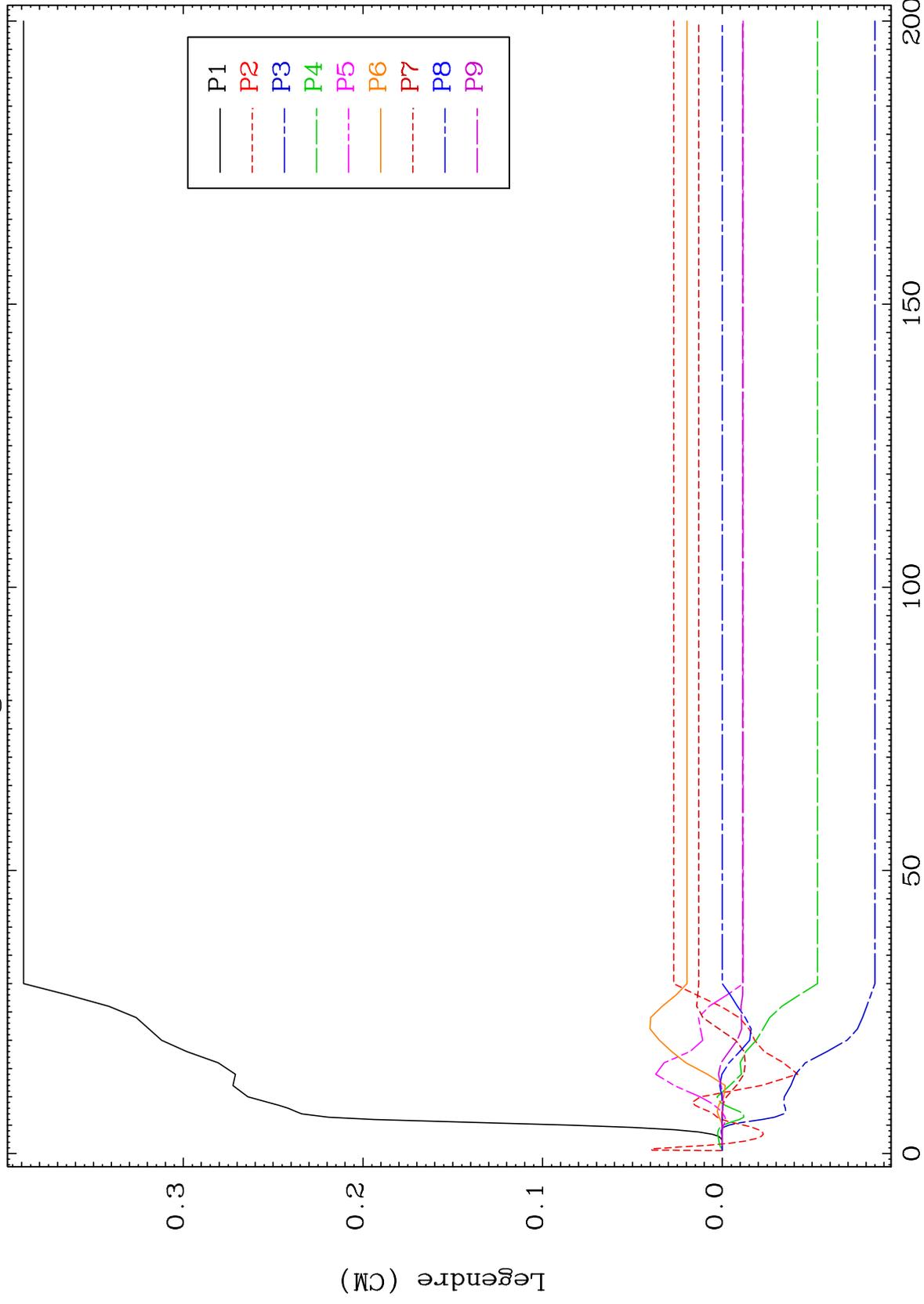
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MAT 6161

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

61-Pm-151



65

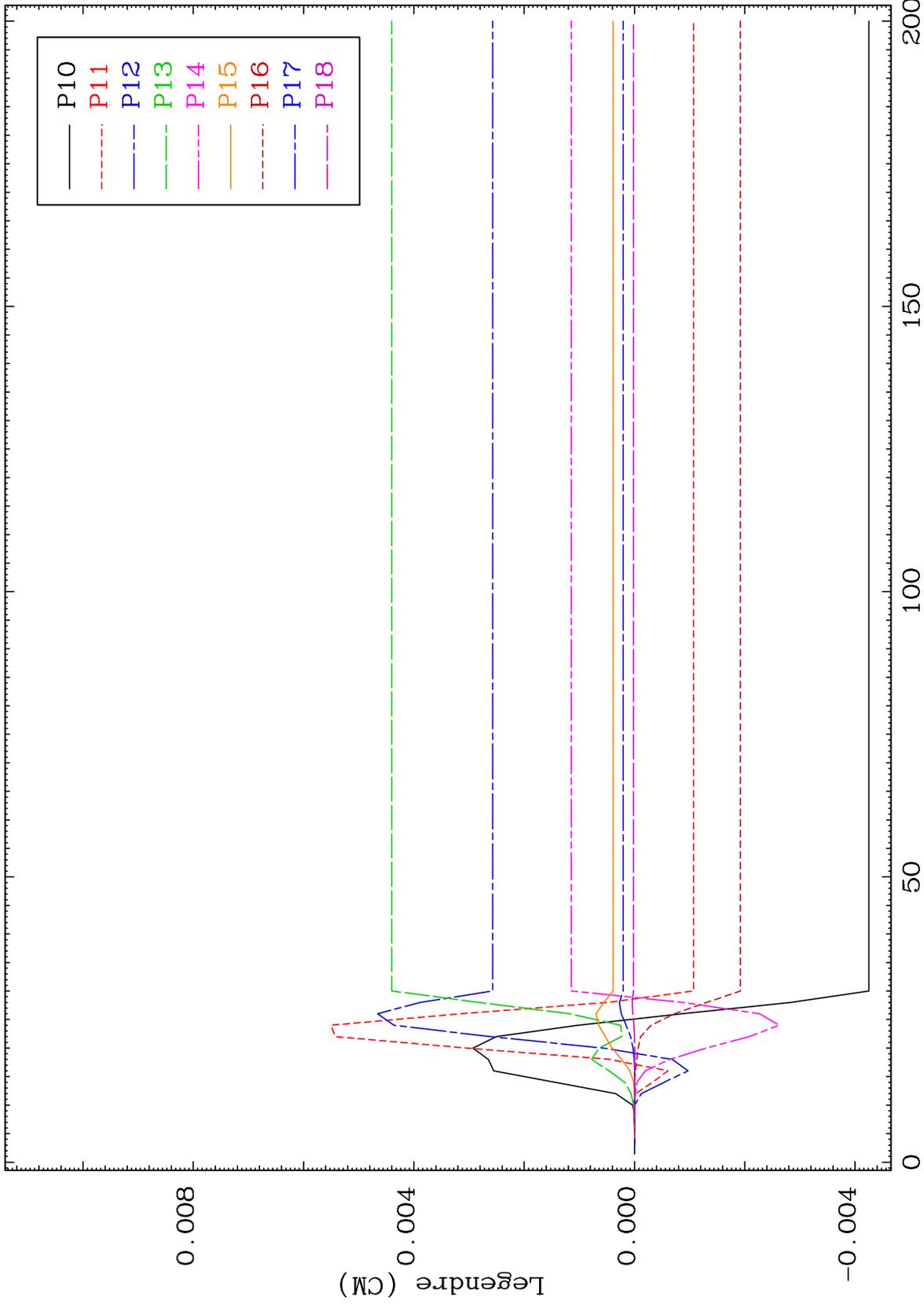
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

61-Pm-151



66

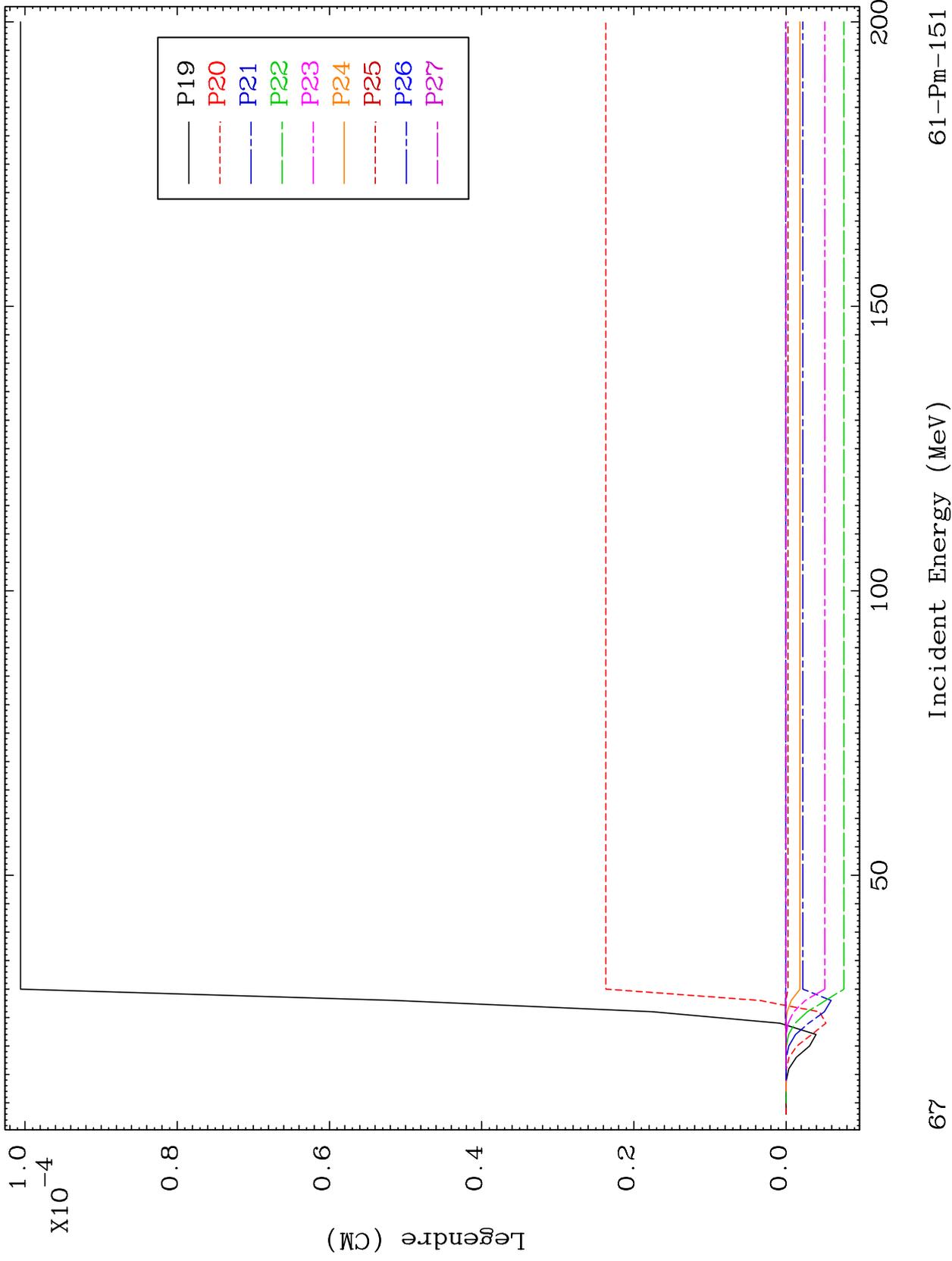
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

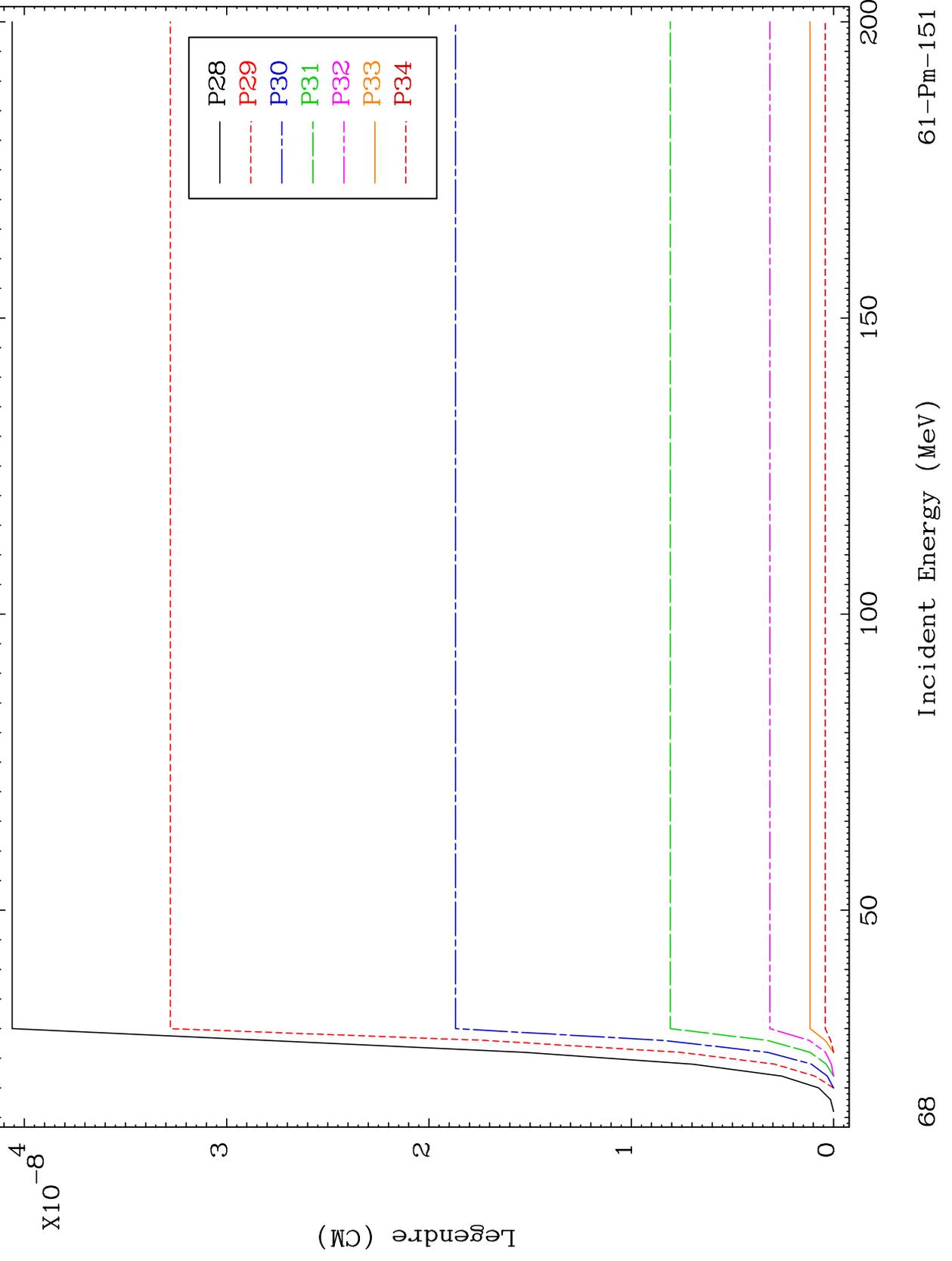
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MAT 6161

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

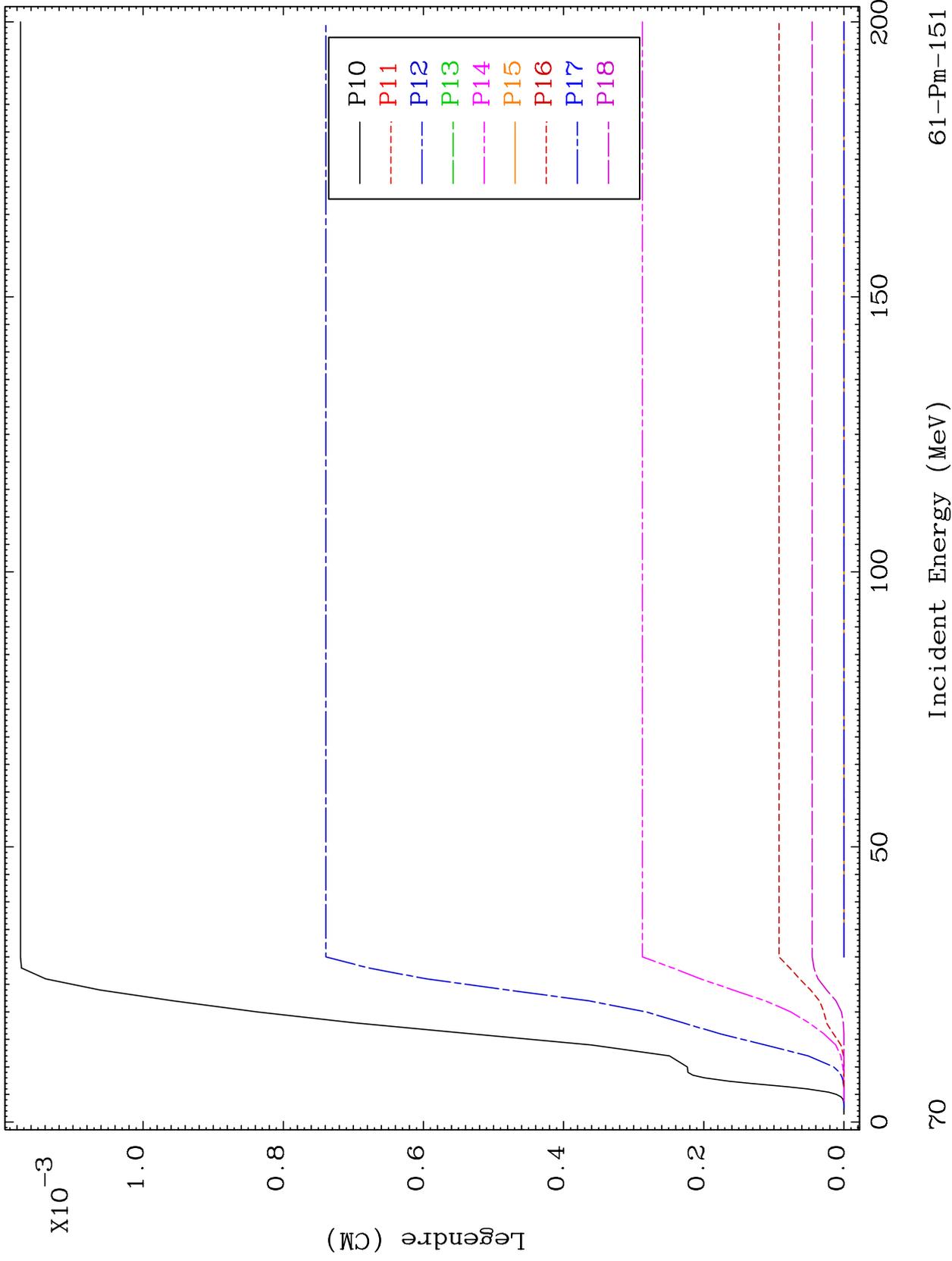
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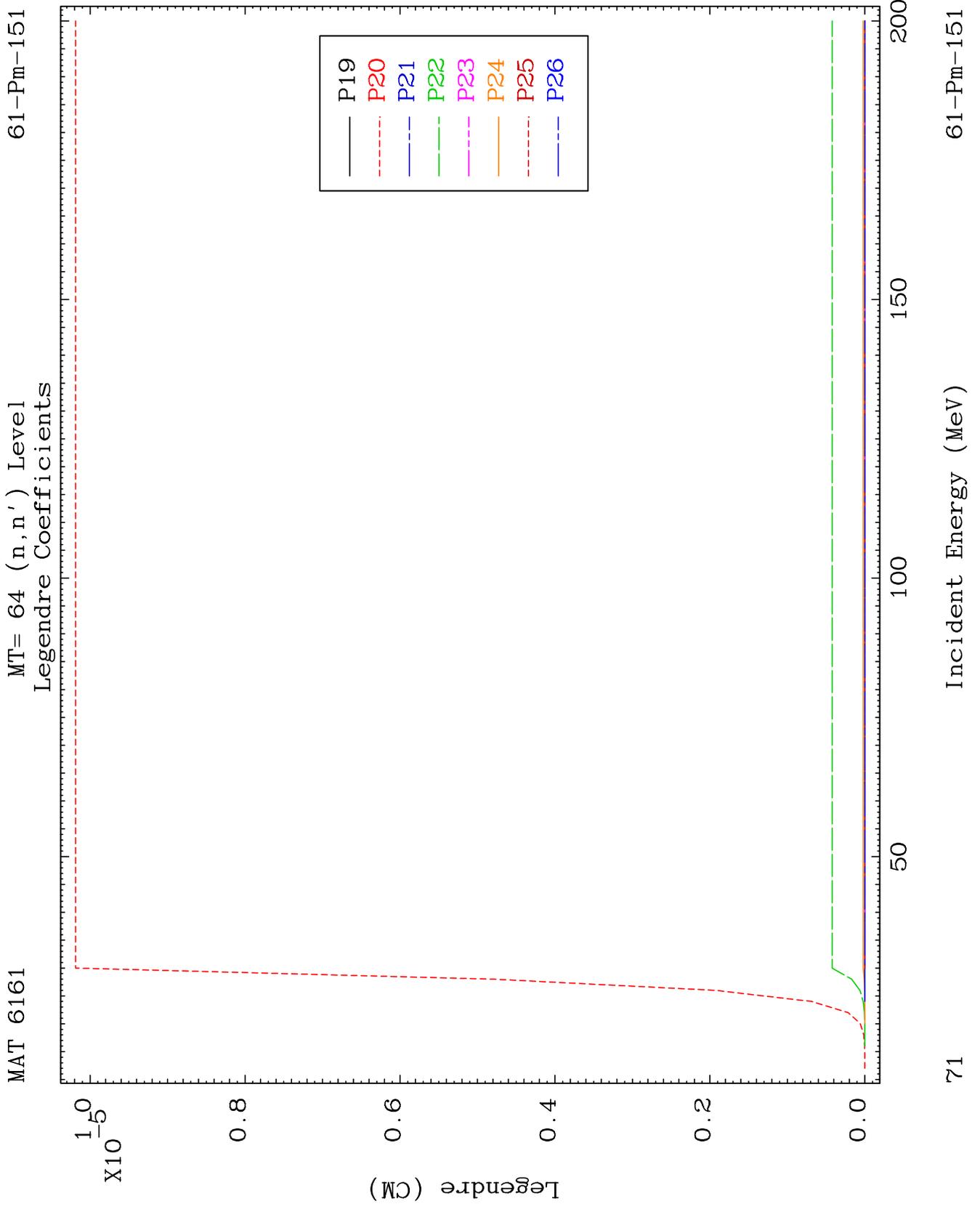


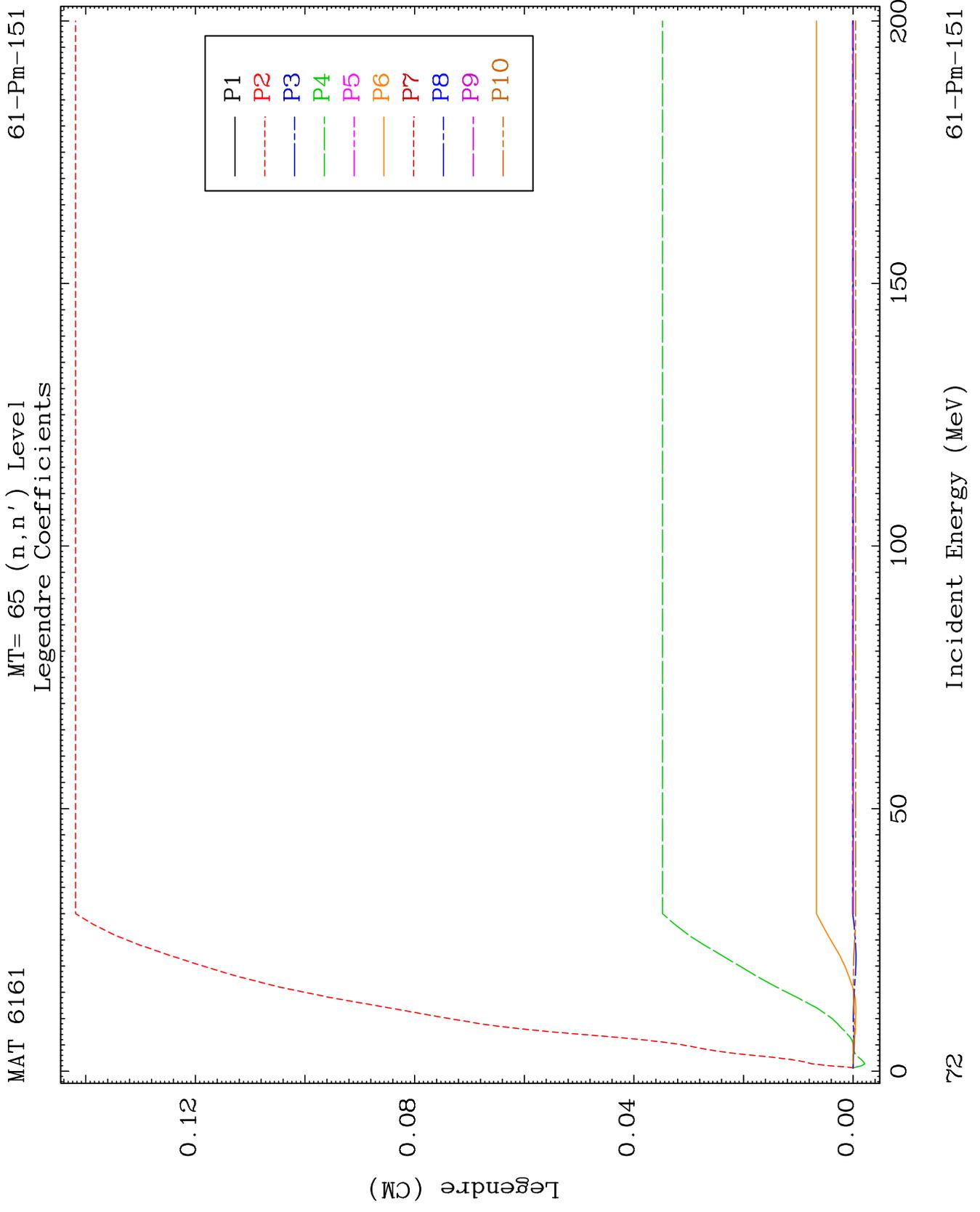
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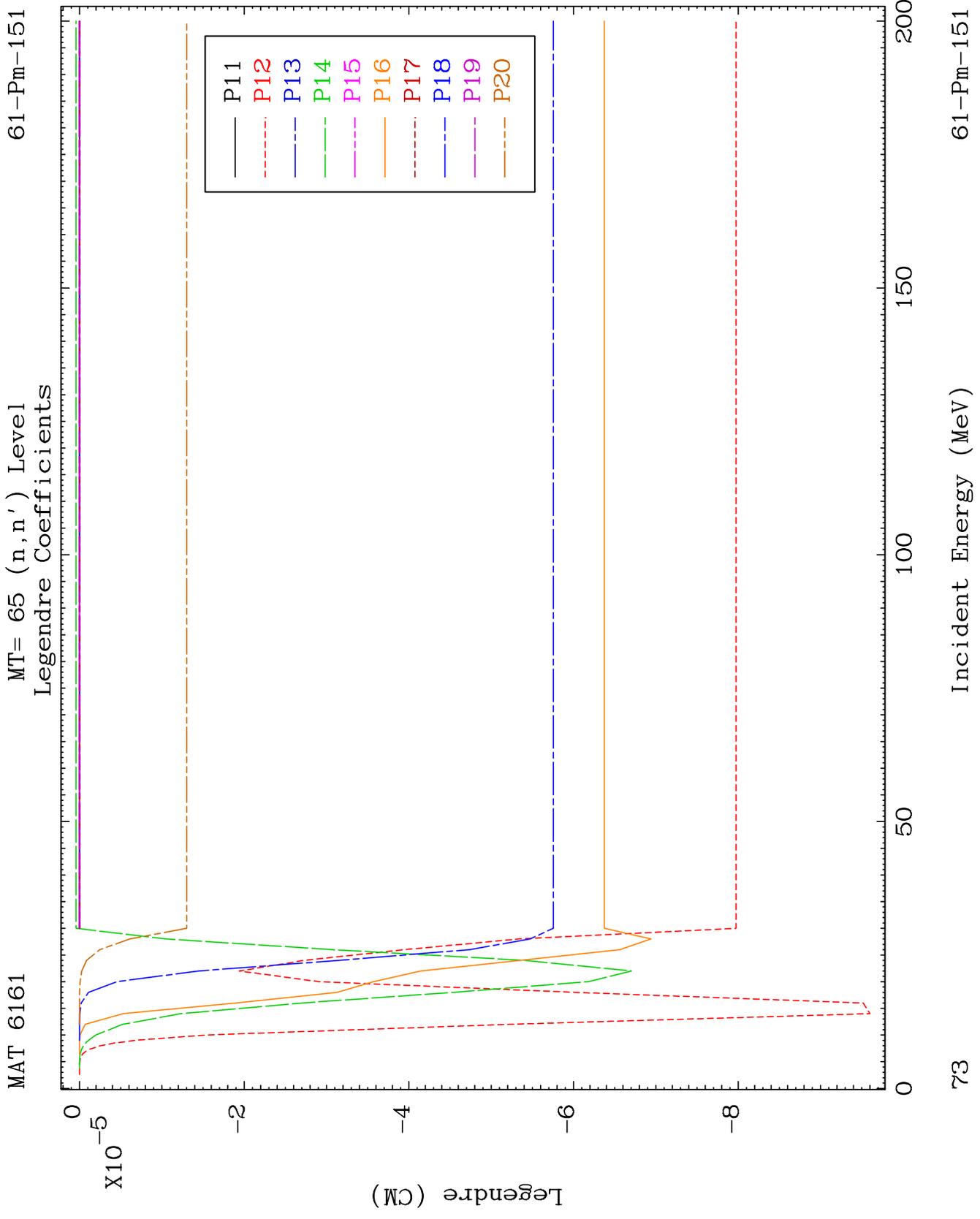
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Legendre Coefficients

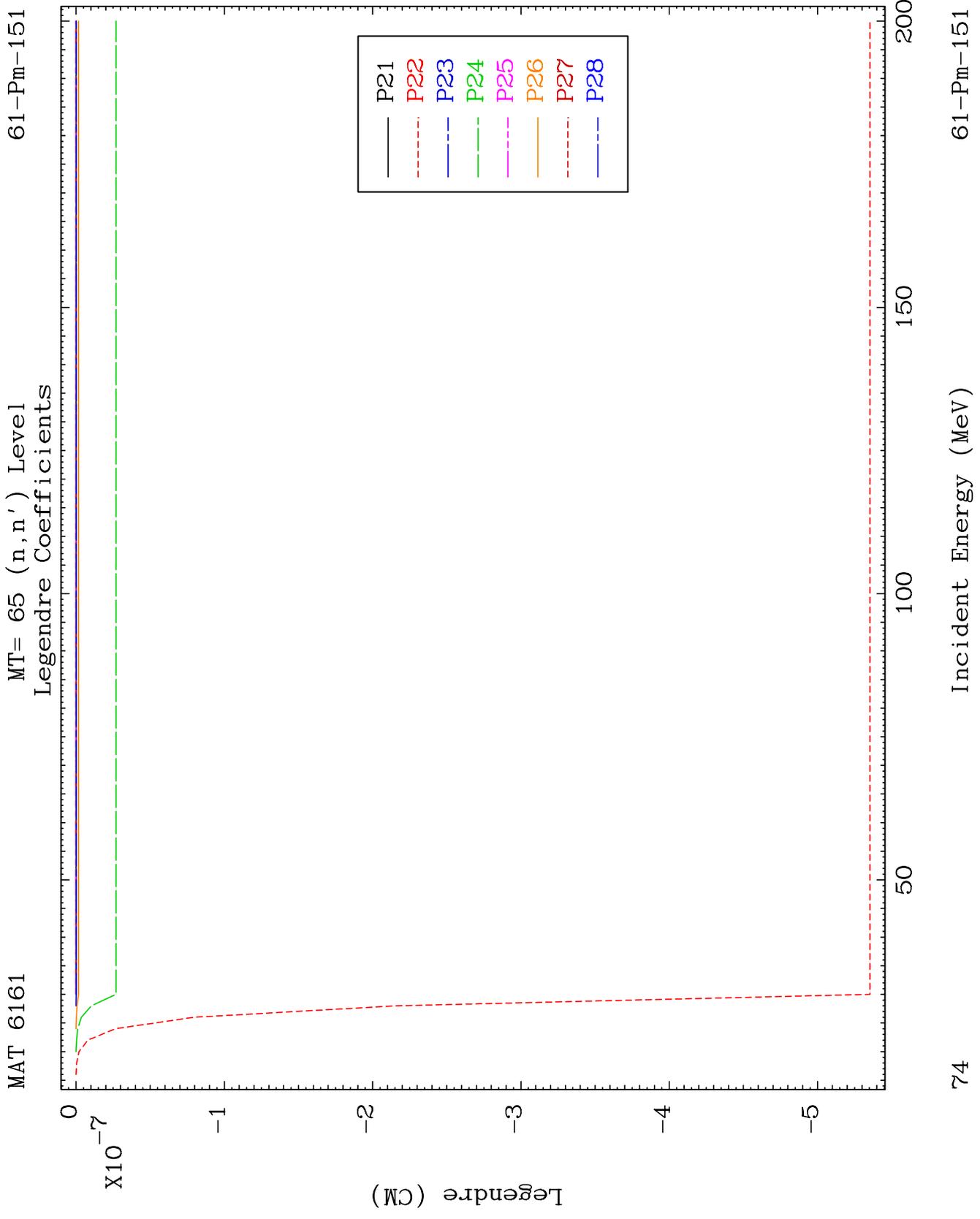
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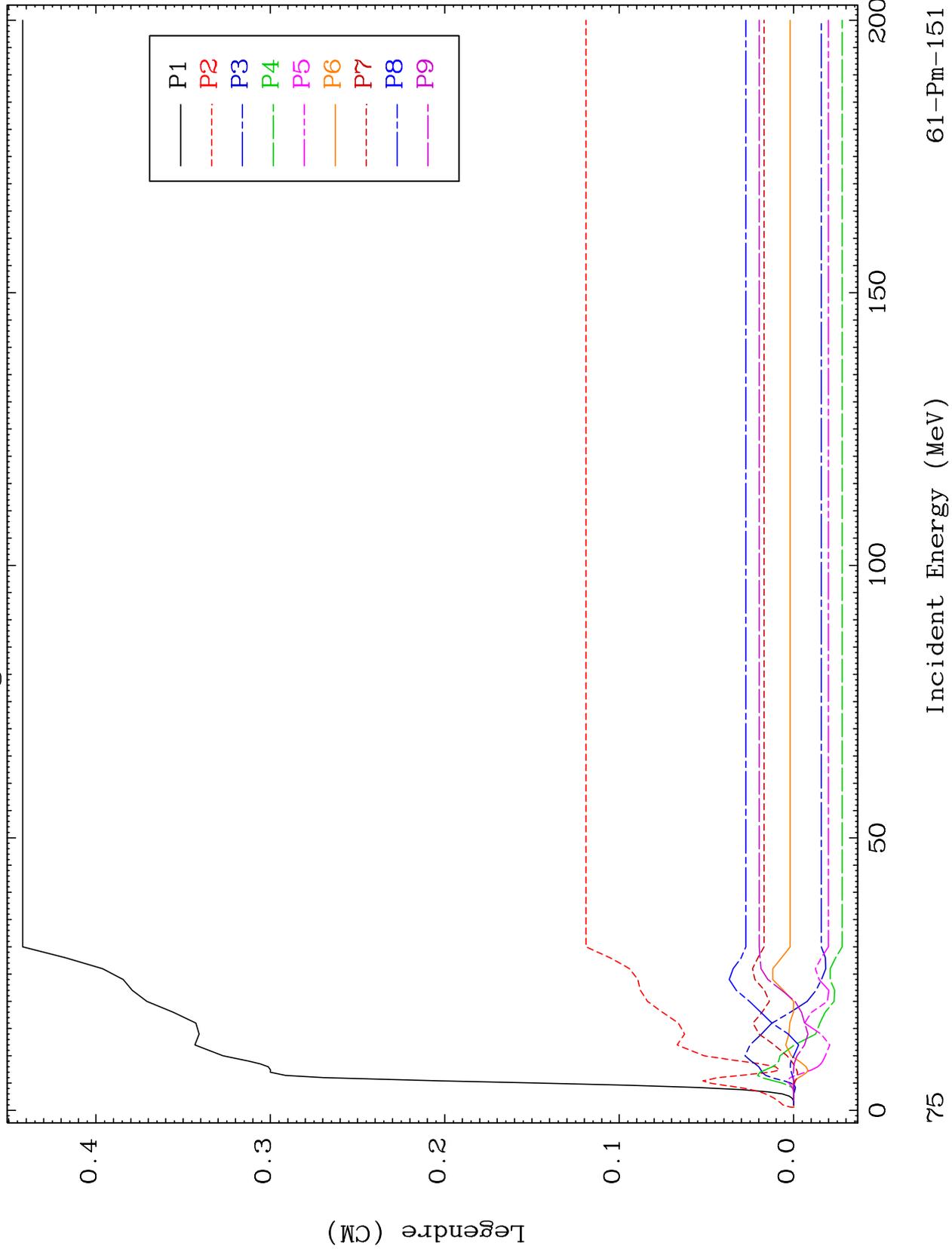




MAT 6161

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

61-Pm-151



75

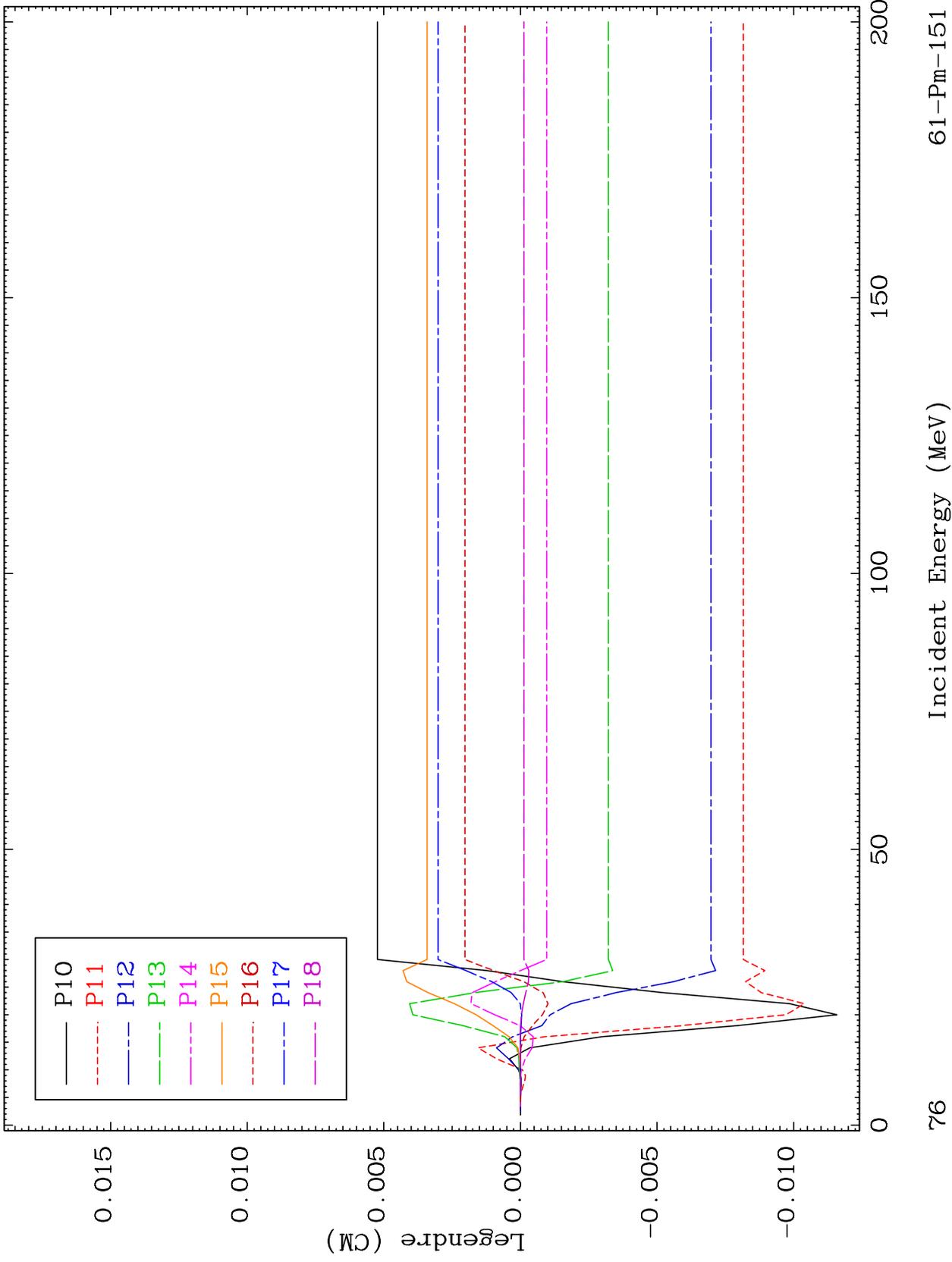
Incident Energy (MeV)

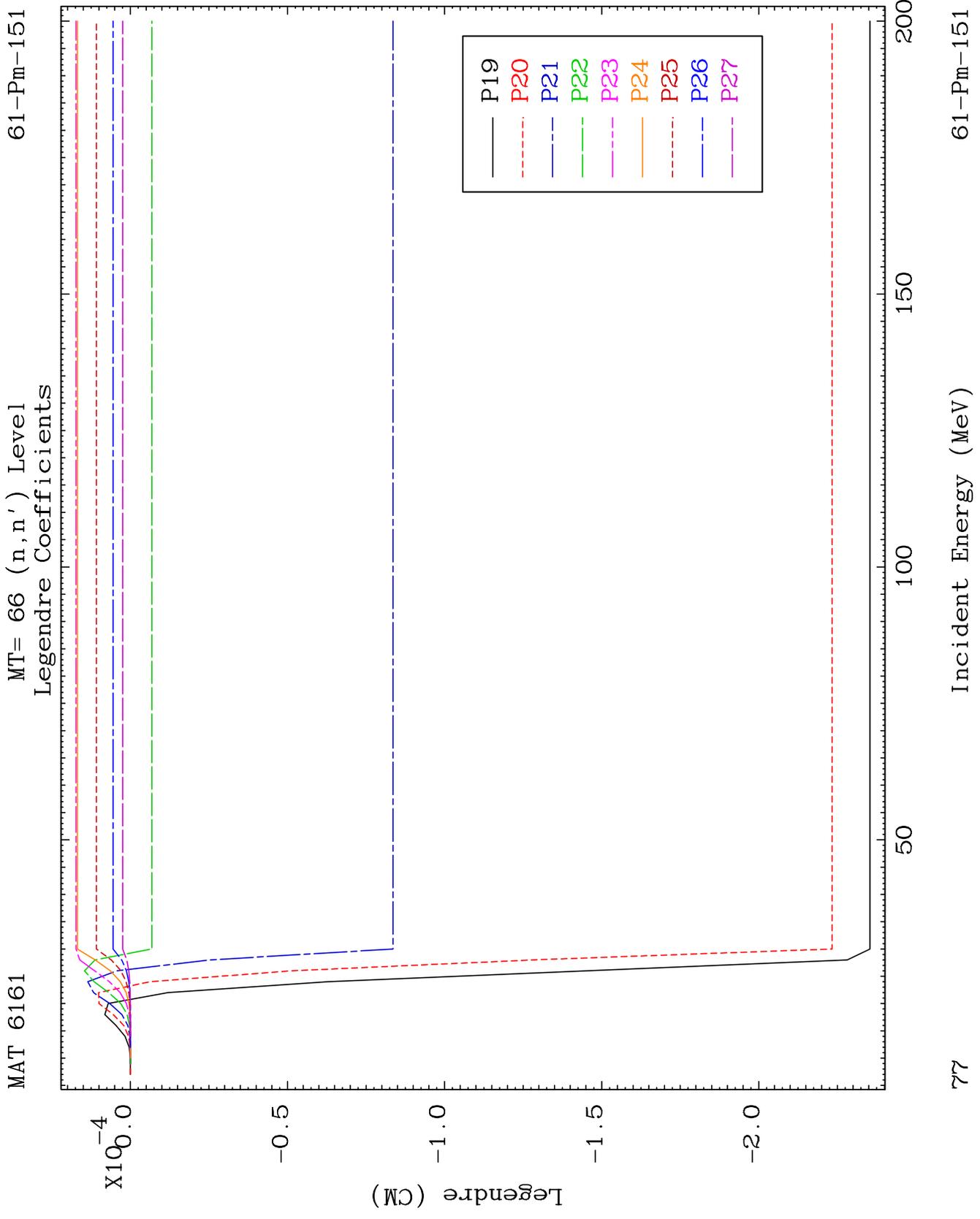
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MAT 6161

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

61-Pm-151

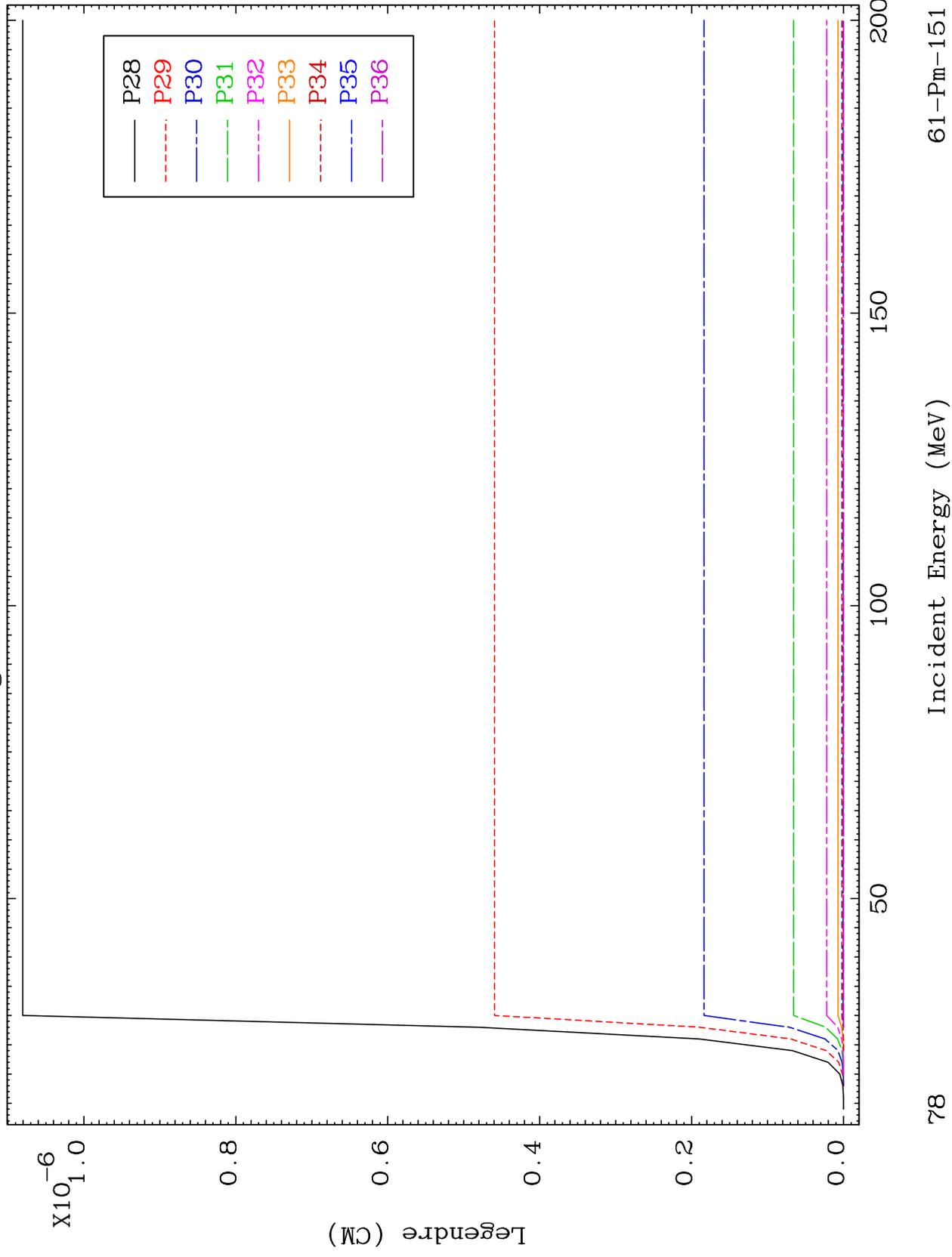




MAT 6161

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

61-Pm-151



78

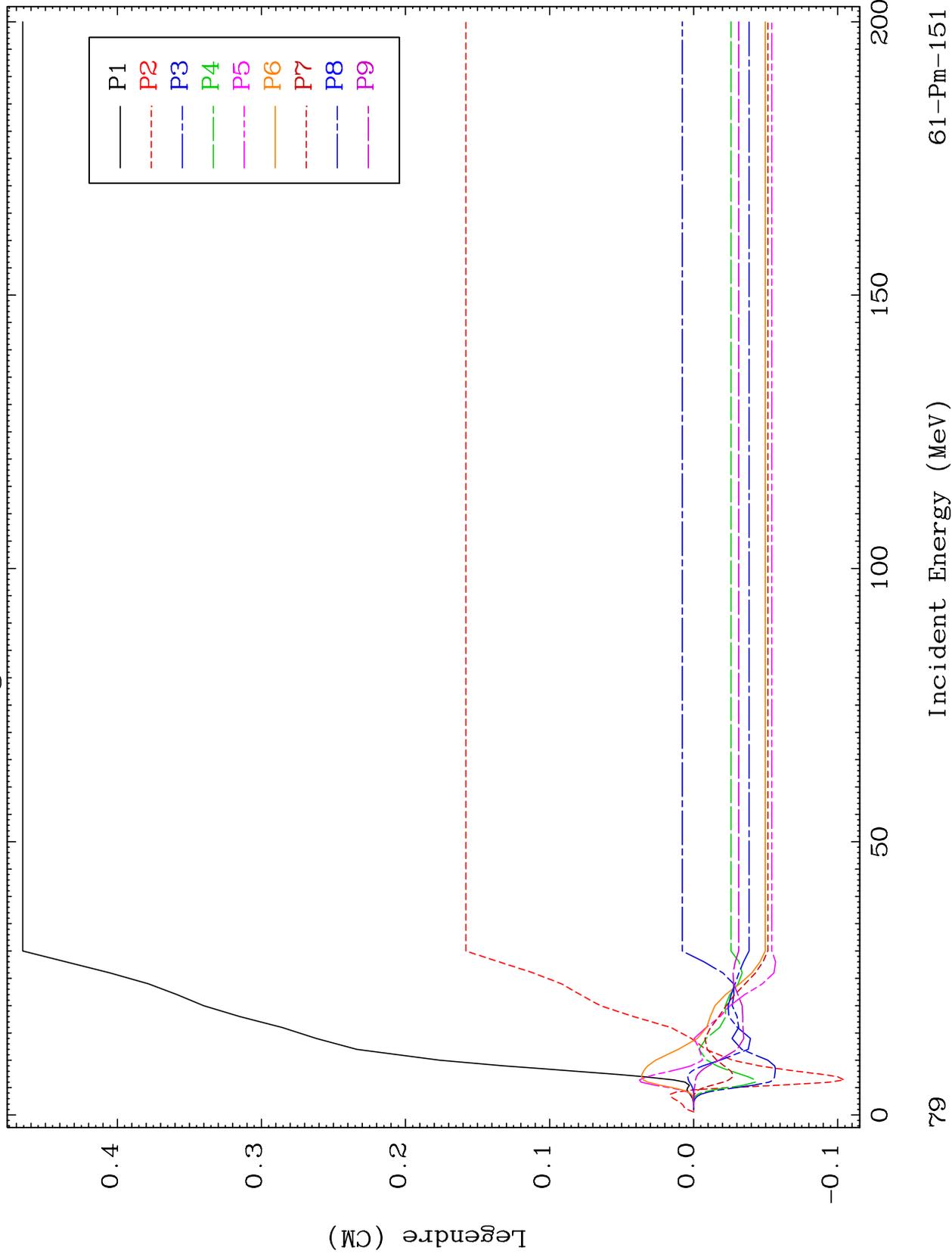
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

61-Pm-151



61-Pm-151

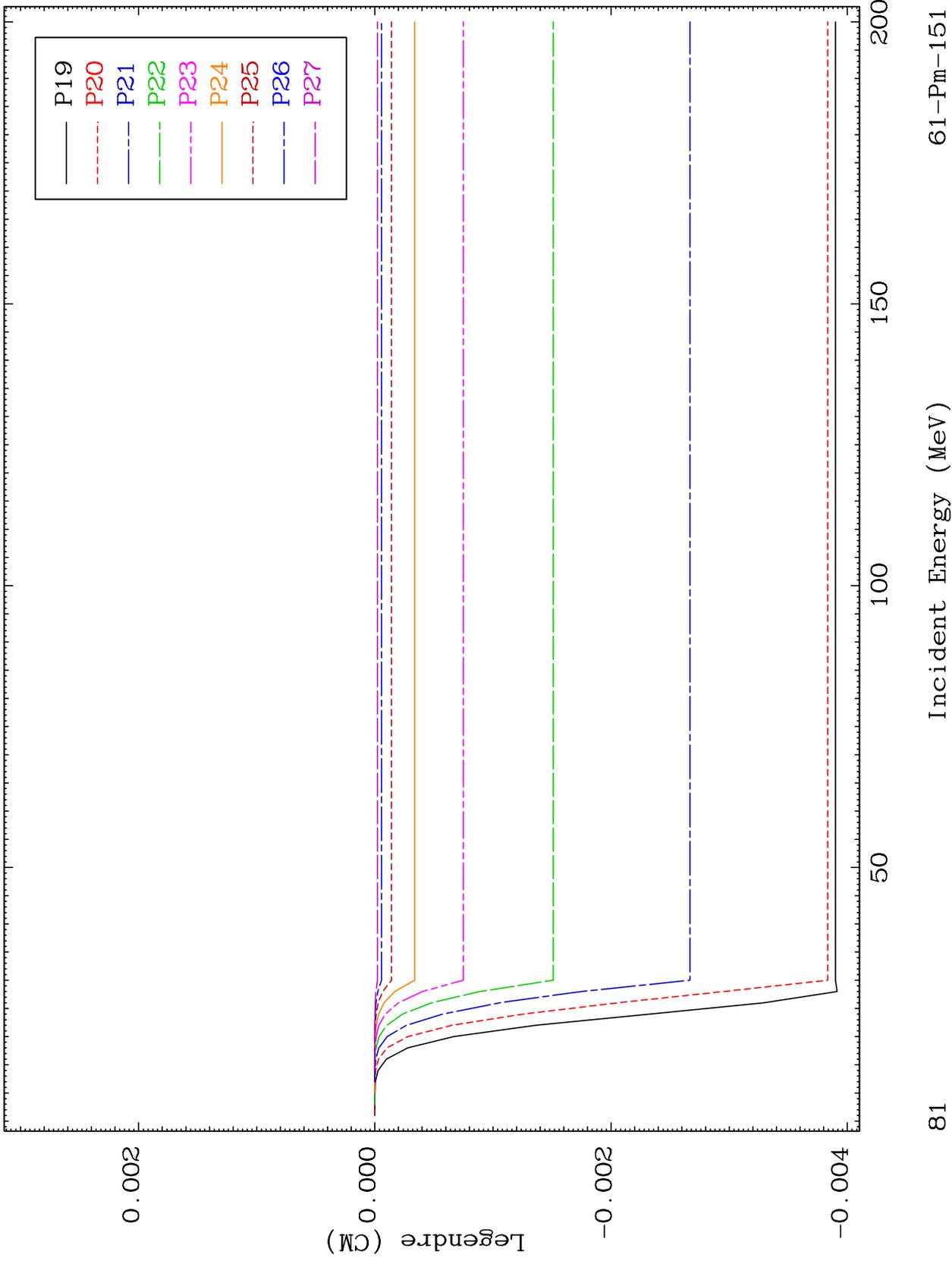
Incident Energy (MeV)

79

MAT 6161

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

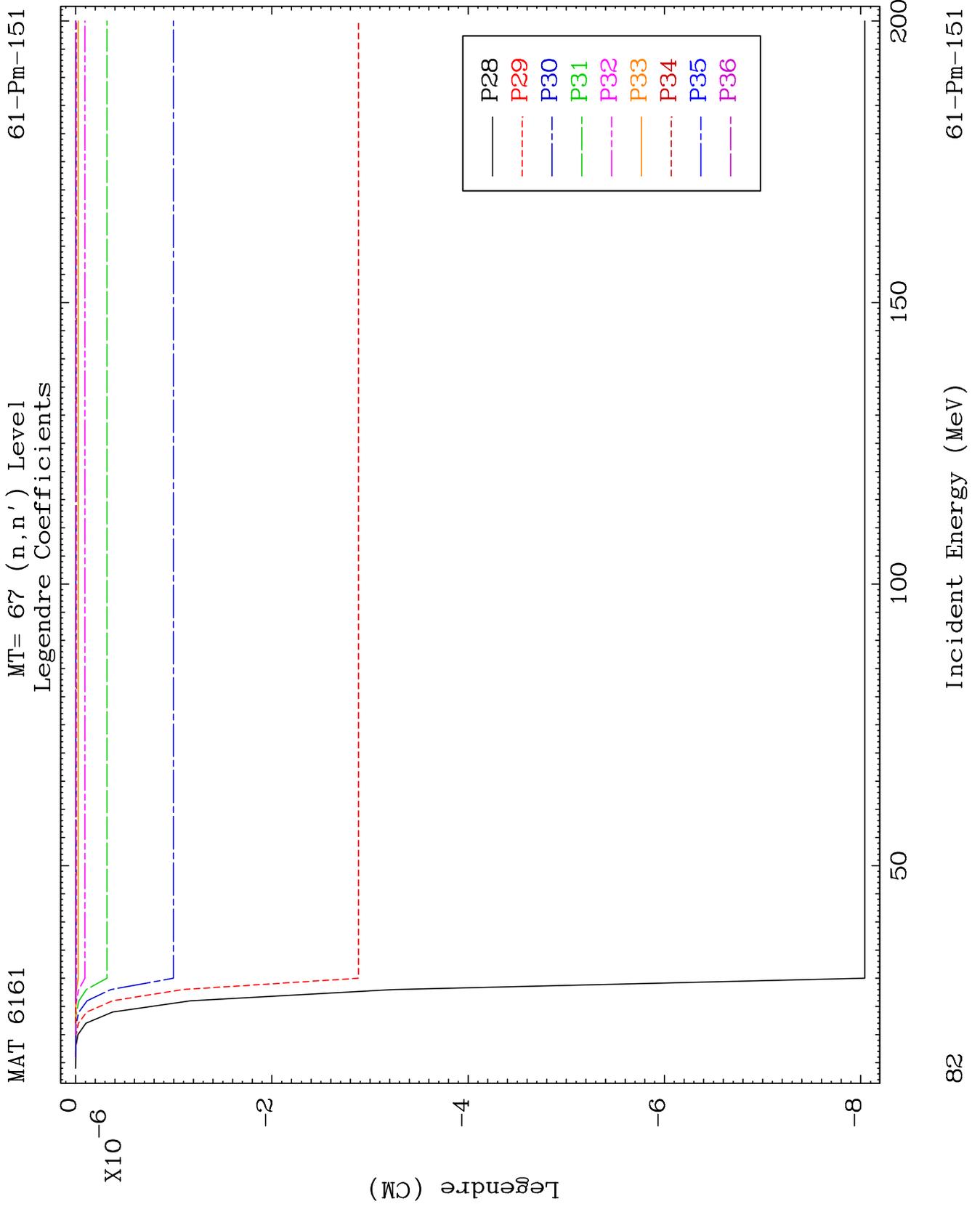
61-Pm-151



81

Incident Energy (MeV)

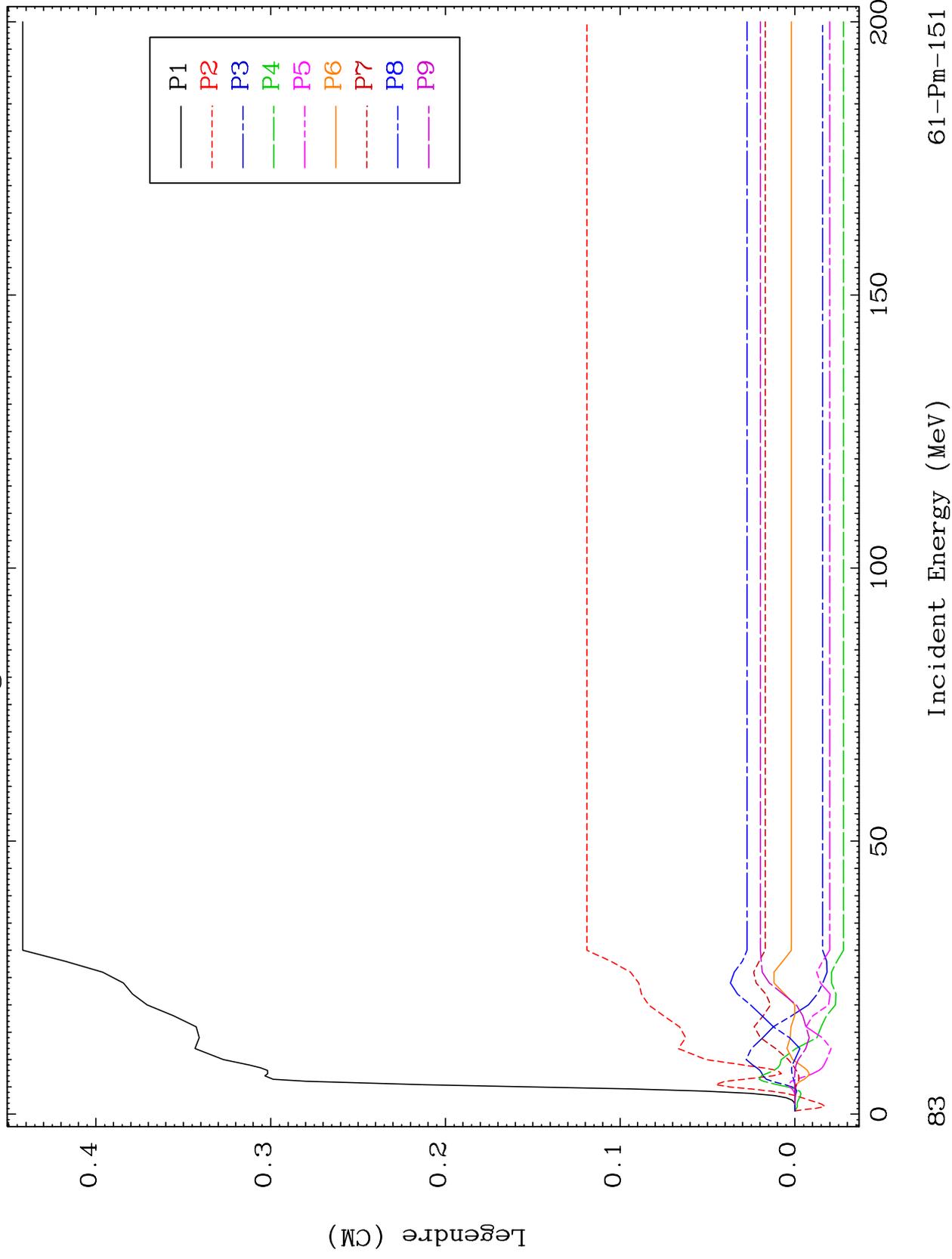
61-Pm-151



MAT 6161

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

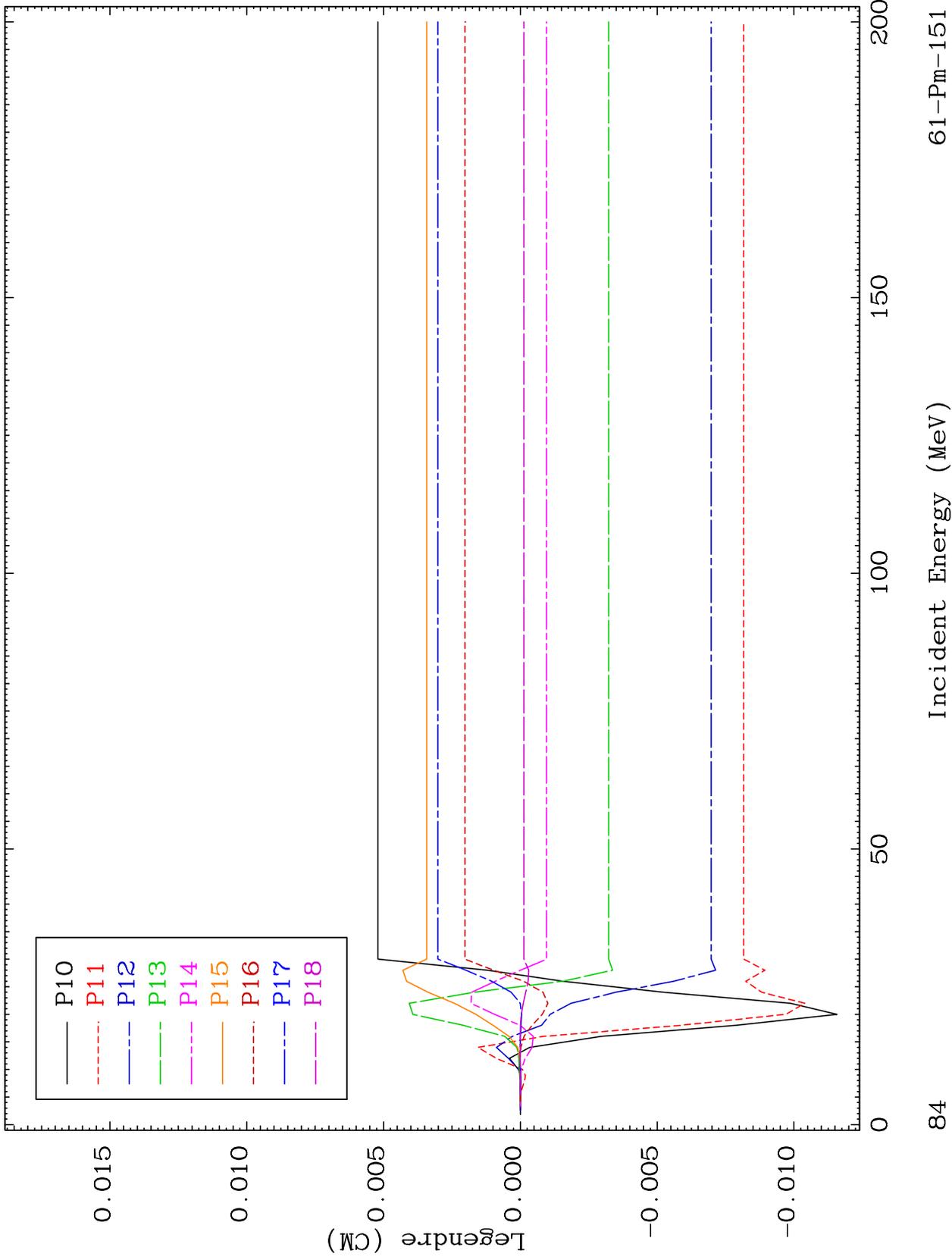
61-Pm-151

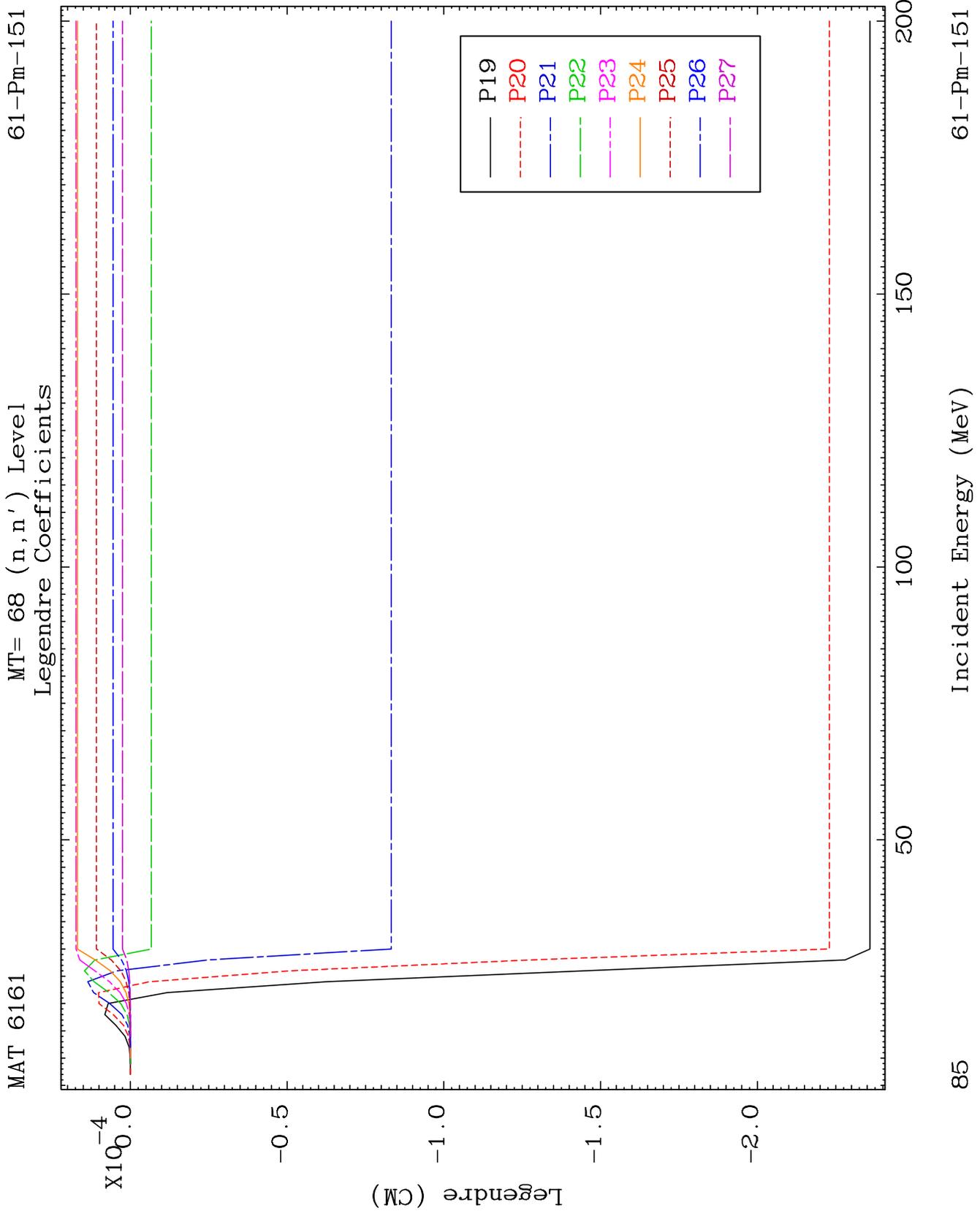


MAT 6161

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

61-Pm-151

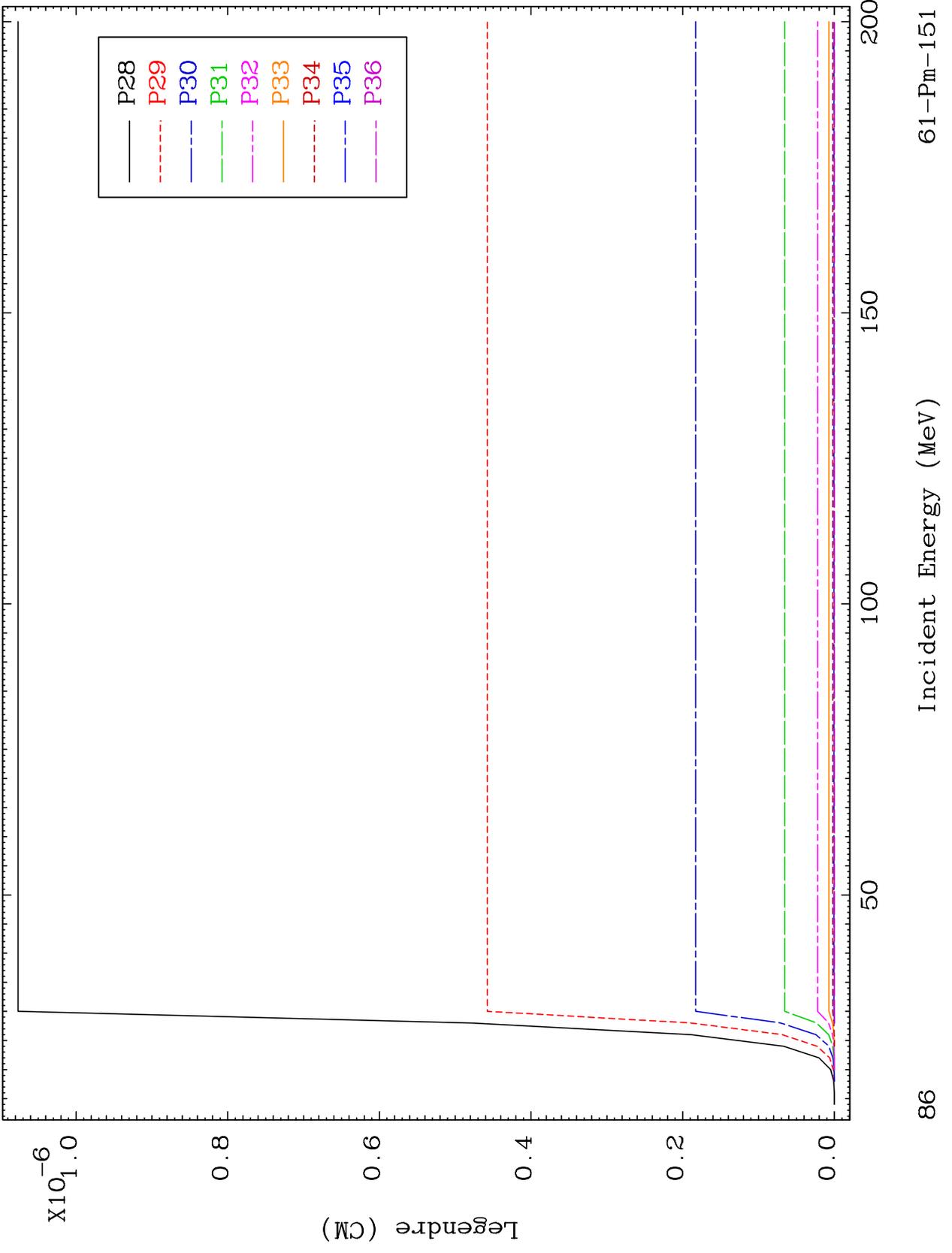




MAT 6161

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

61-Pm-151



86

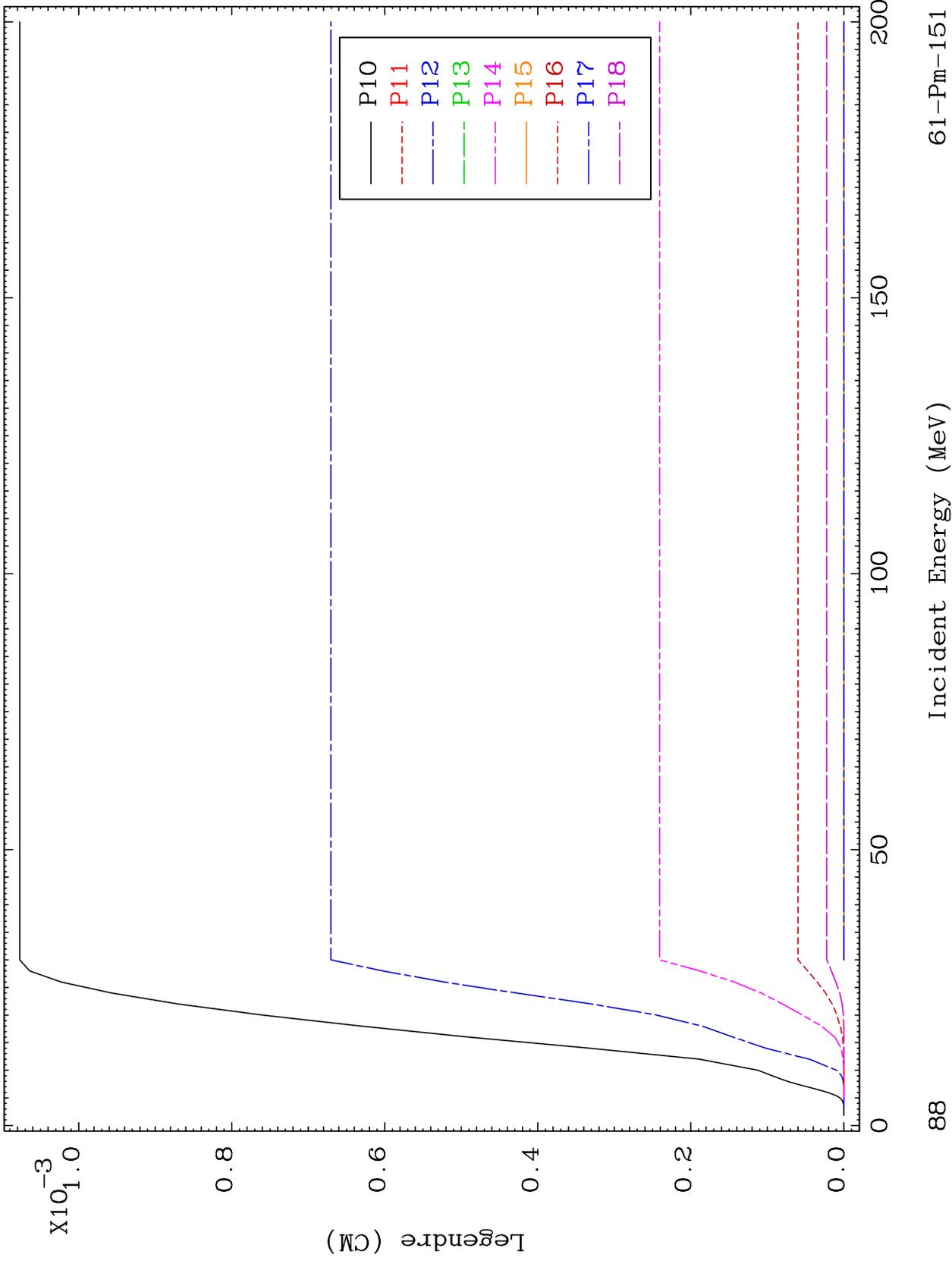
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

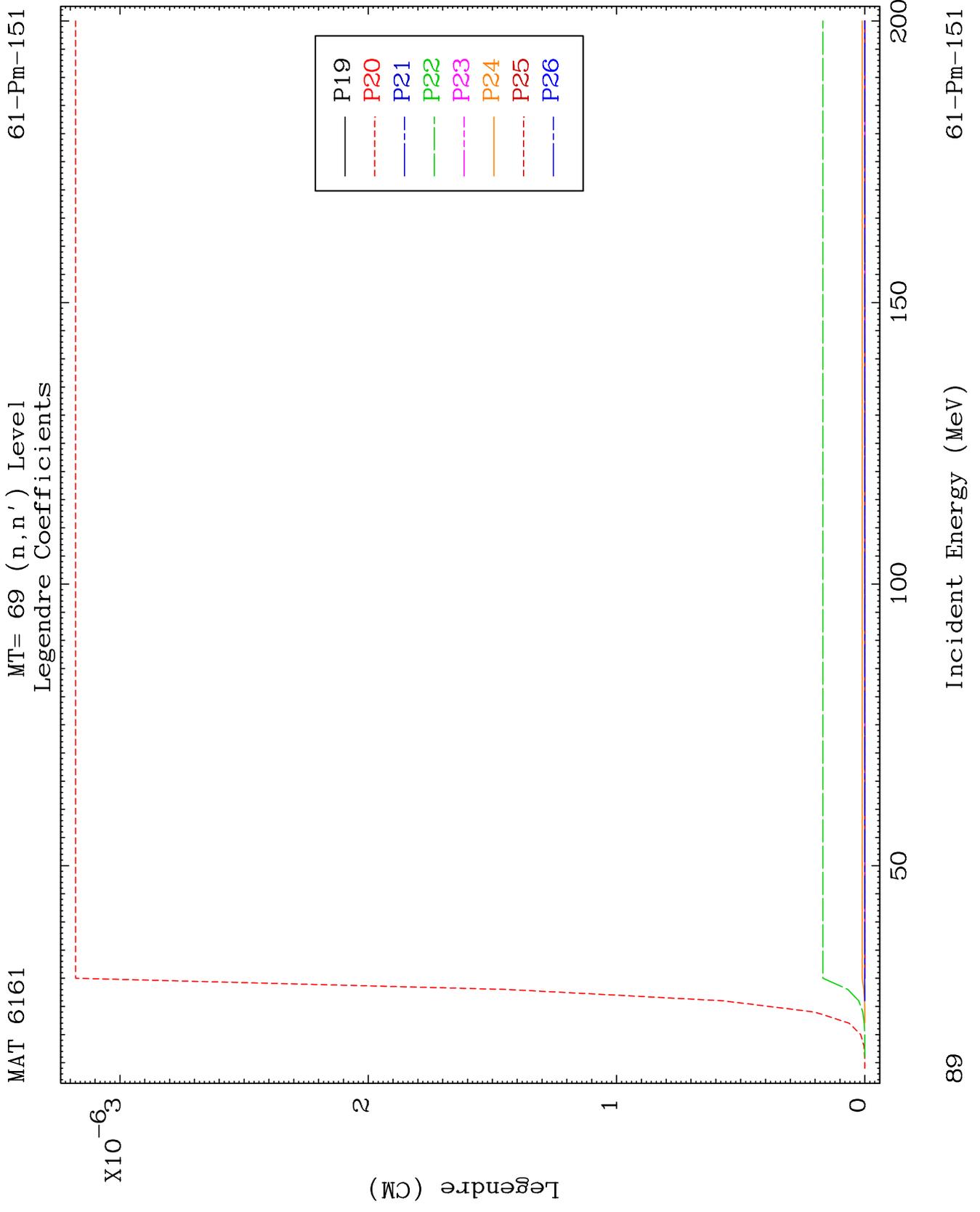
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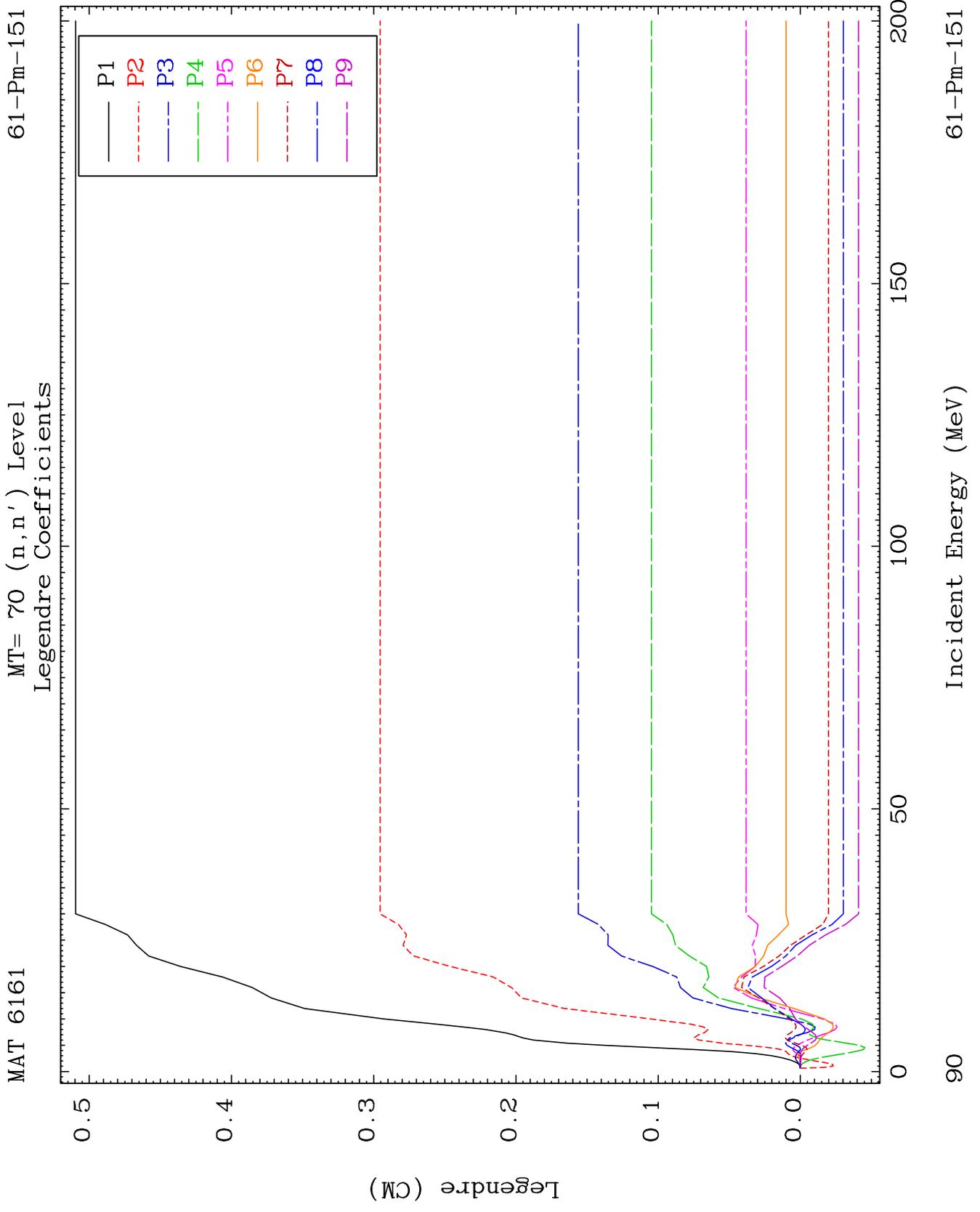


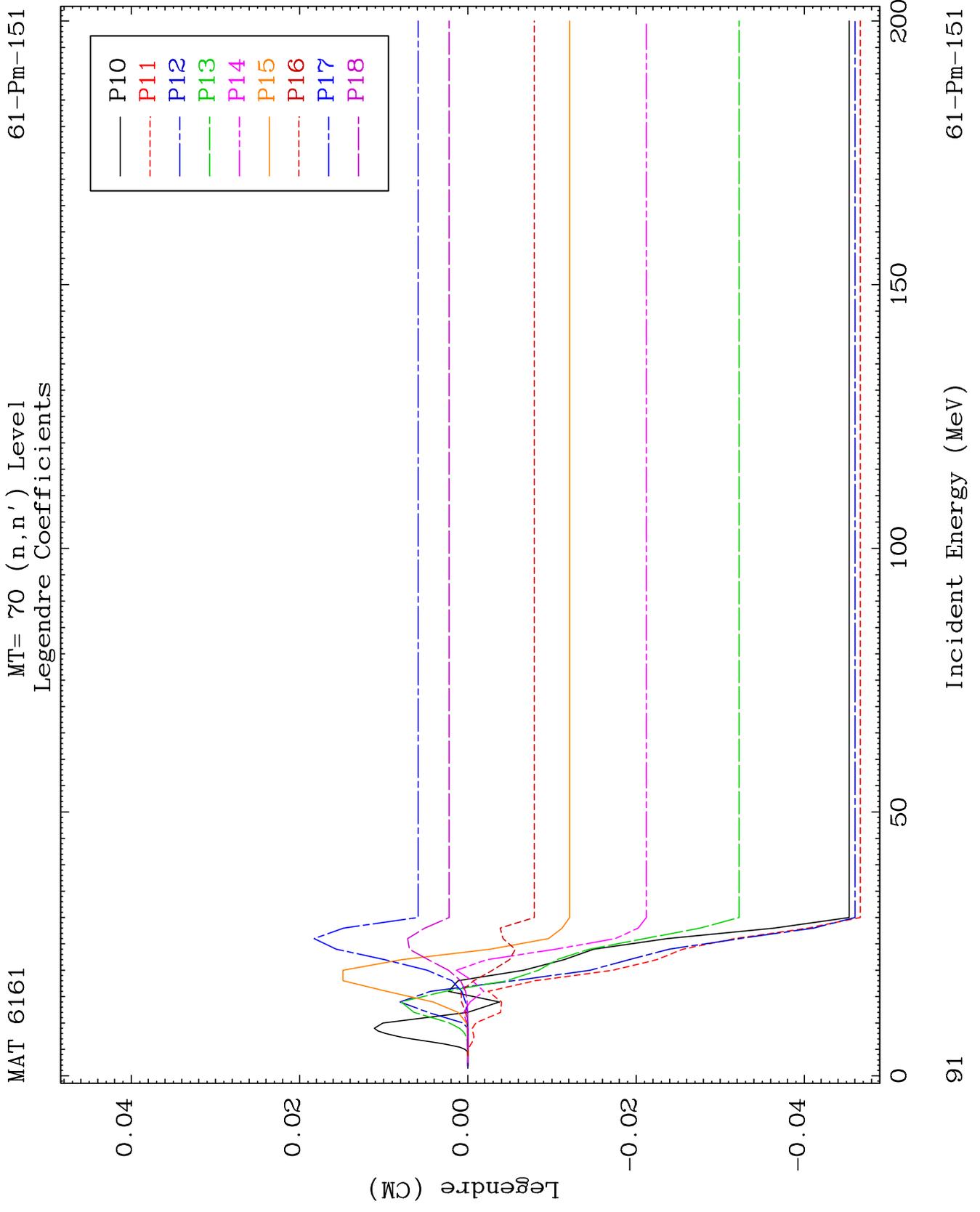
88

Incident Energy (MeV)

61-Pm-151



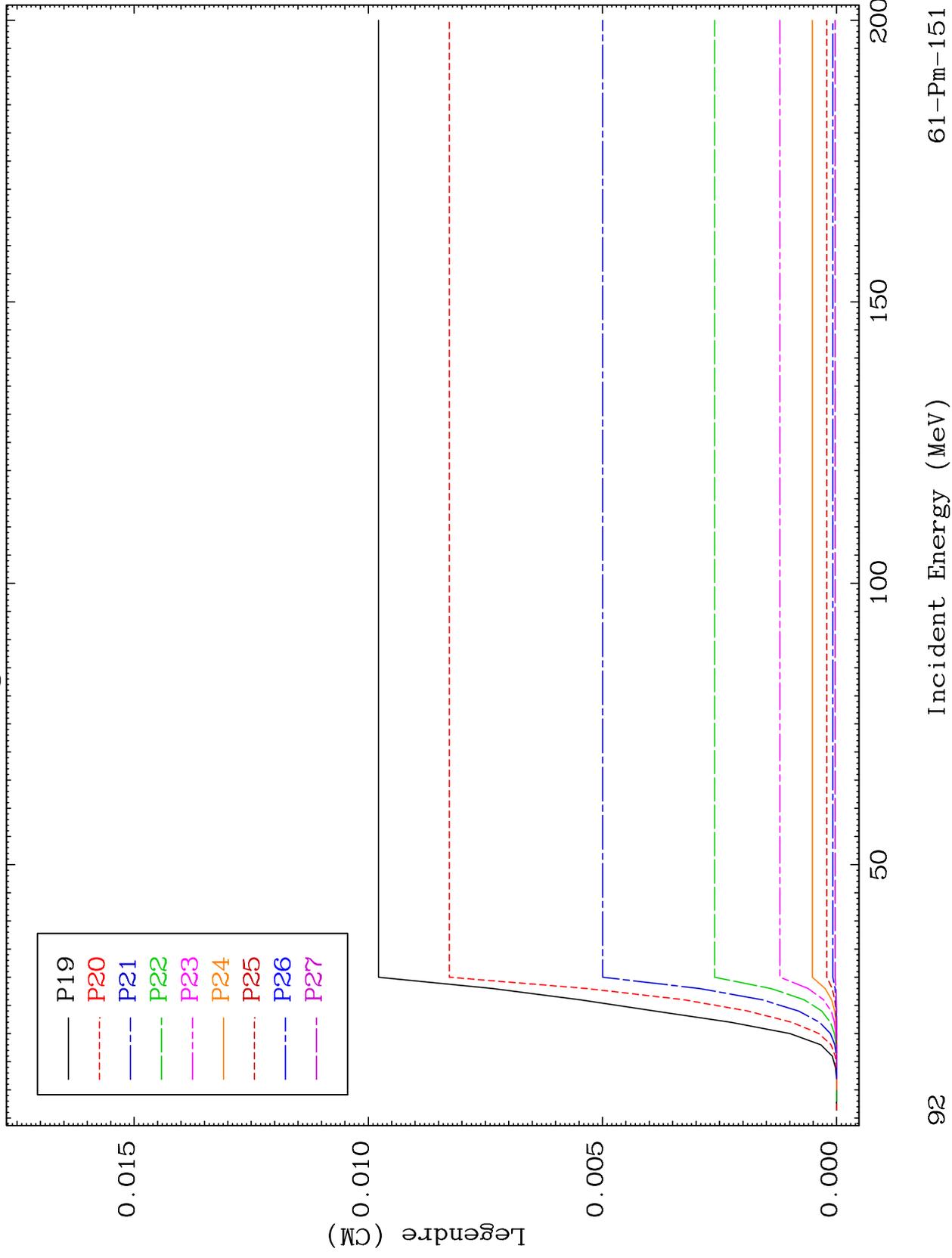




MAT 6161

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

61-Pm-151



92

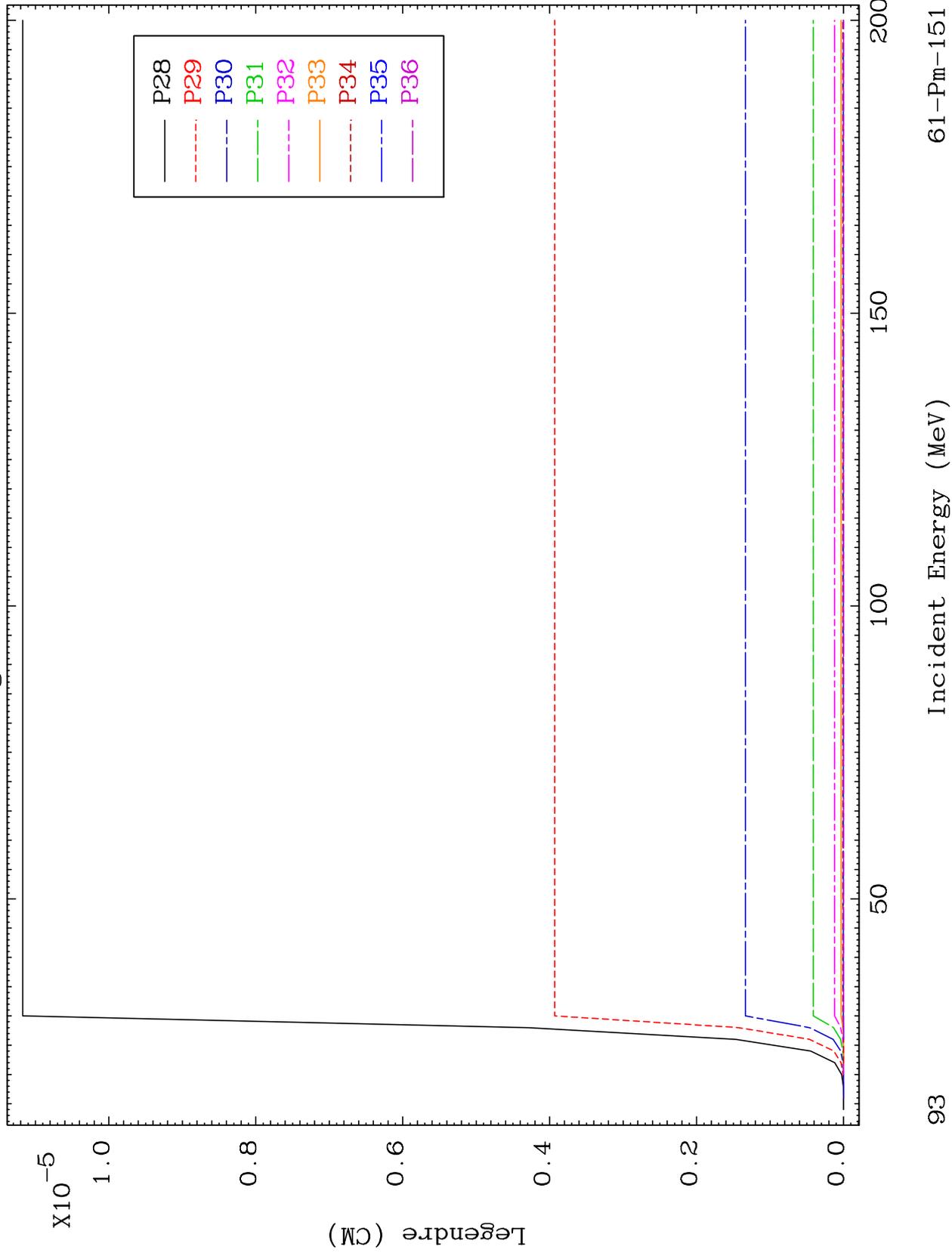
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

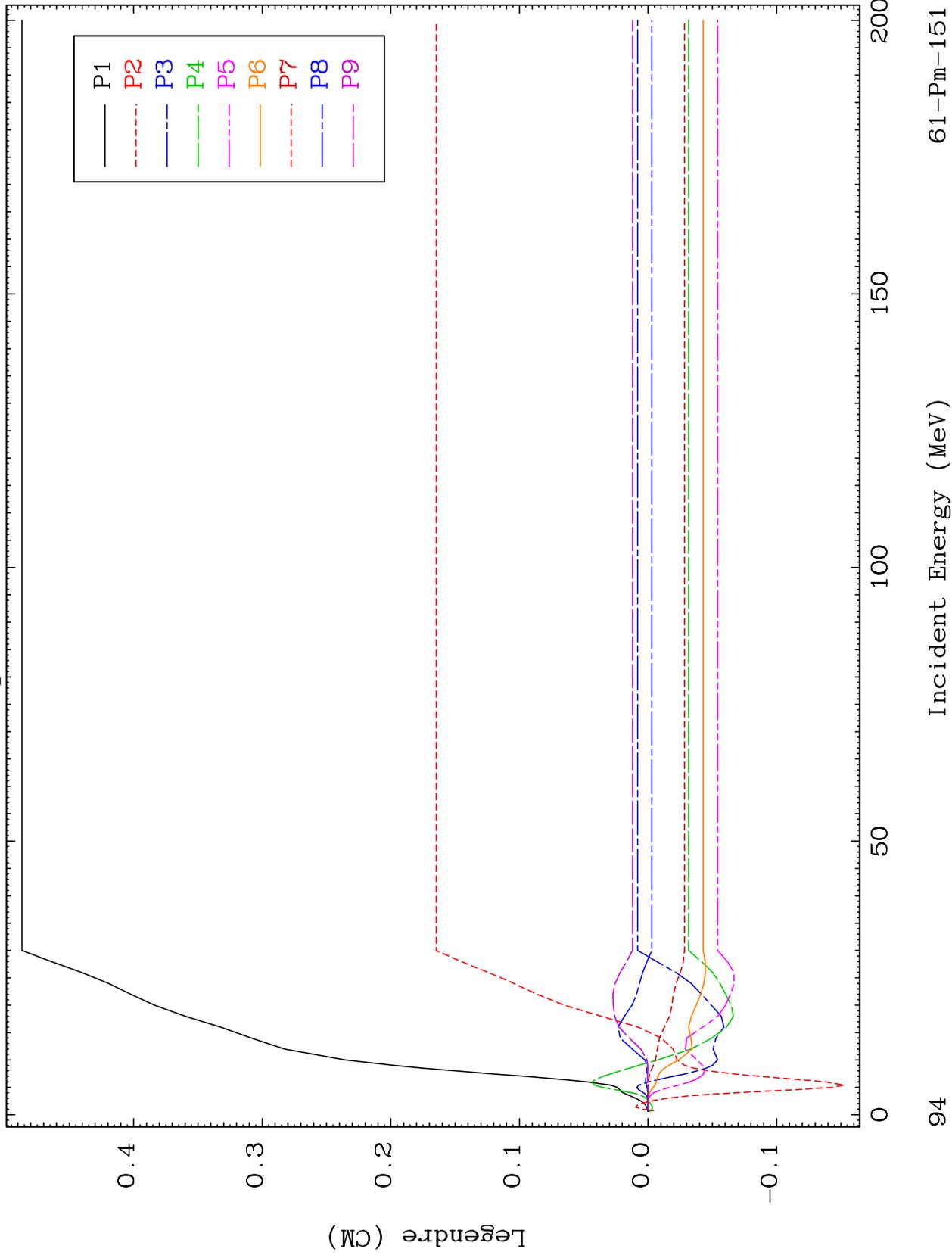
61-Pm-151



MAT 6161

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

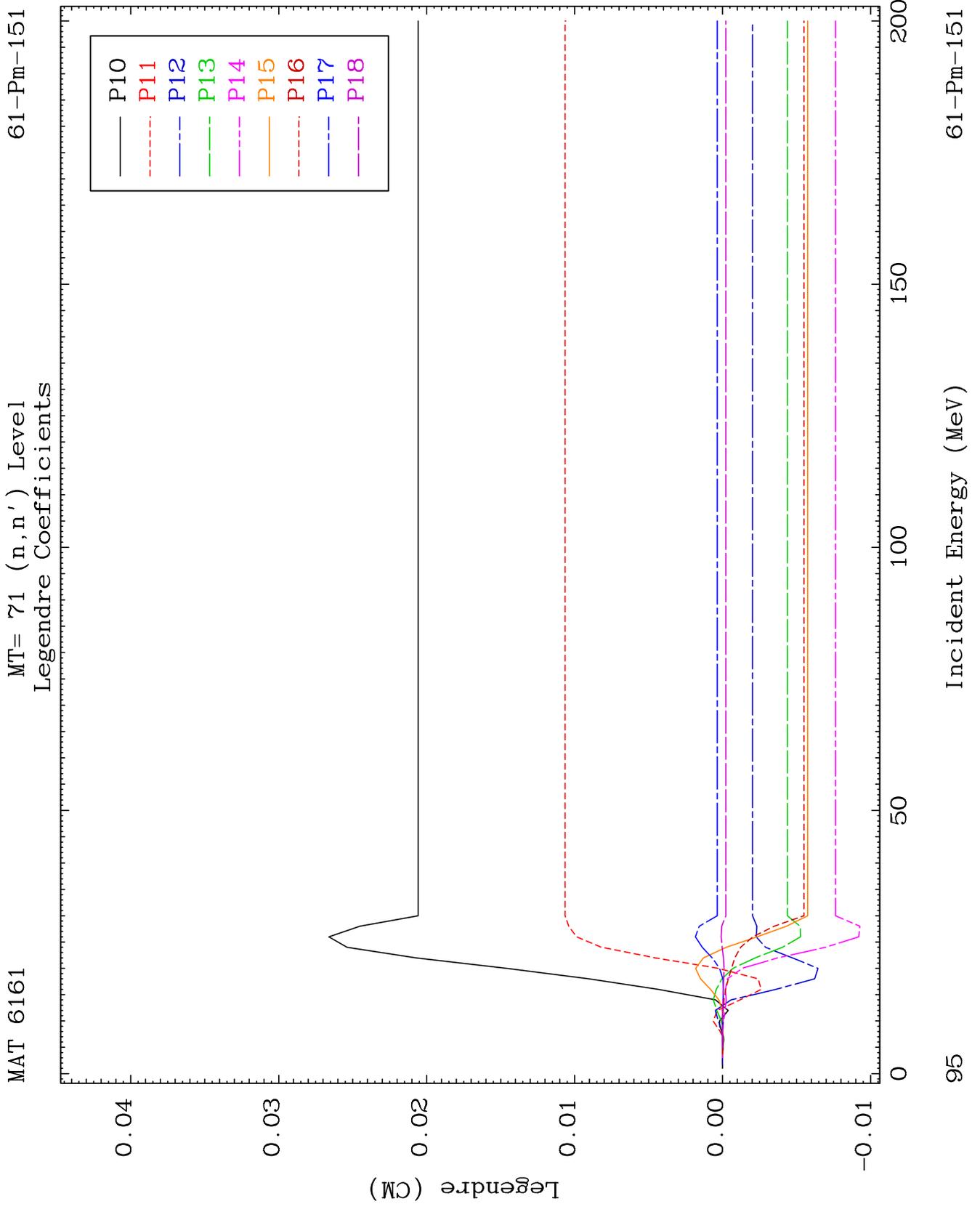
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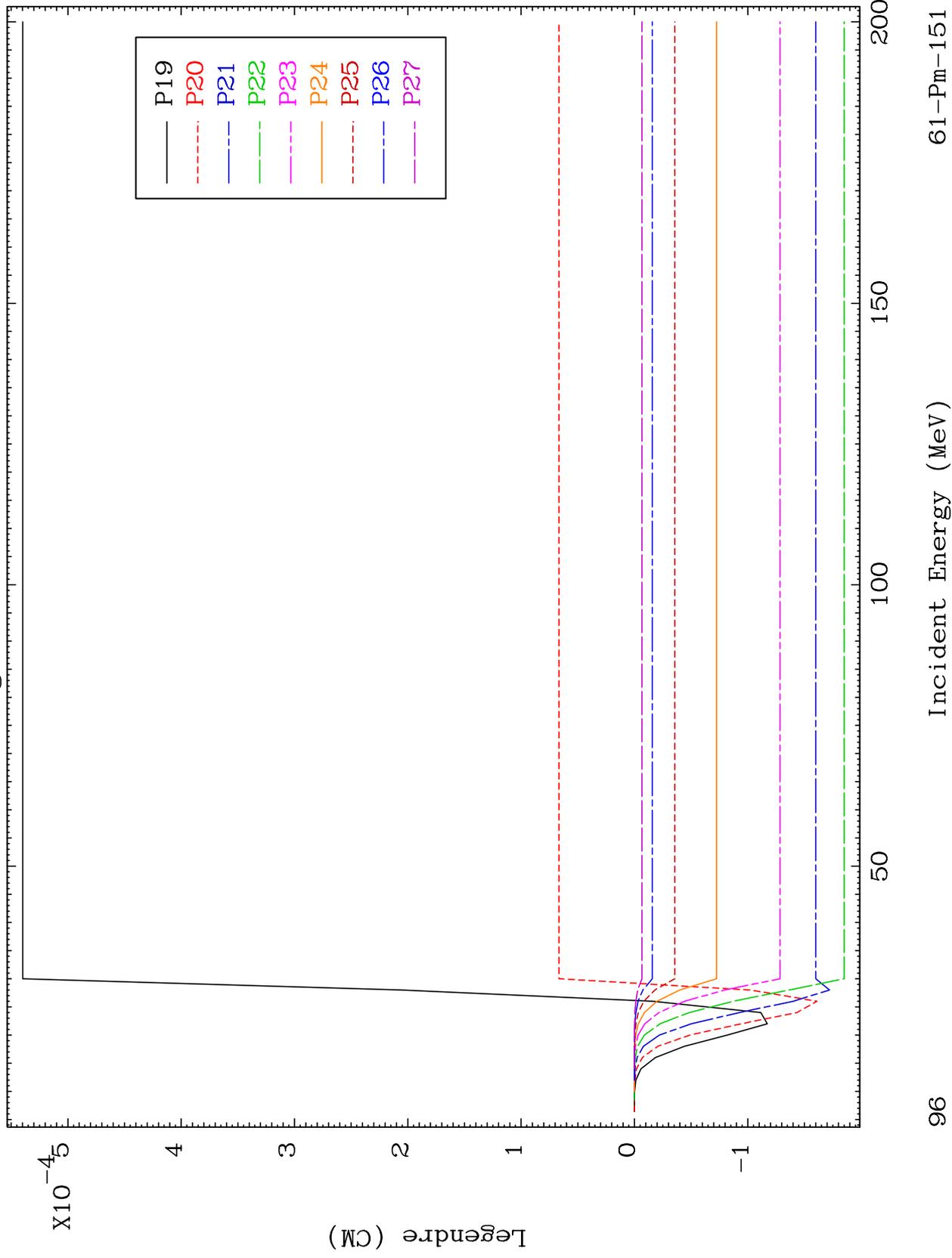


61-Pm-151

Incident Energy (MeV)

94

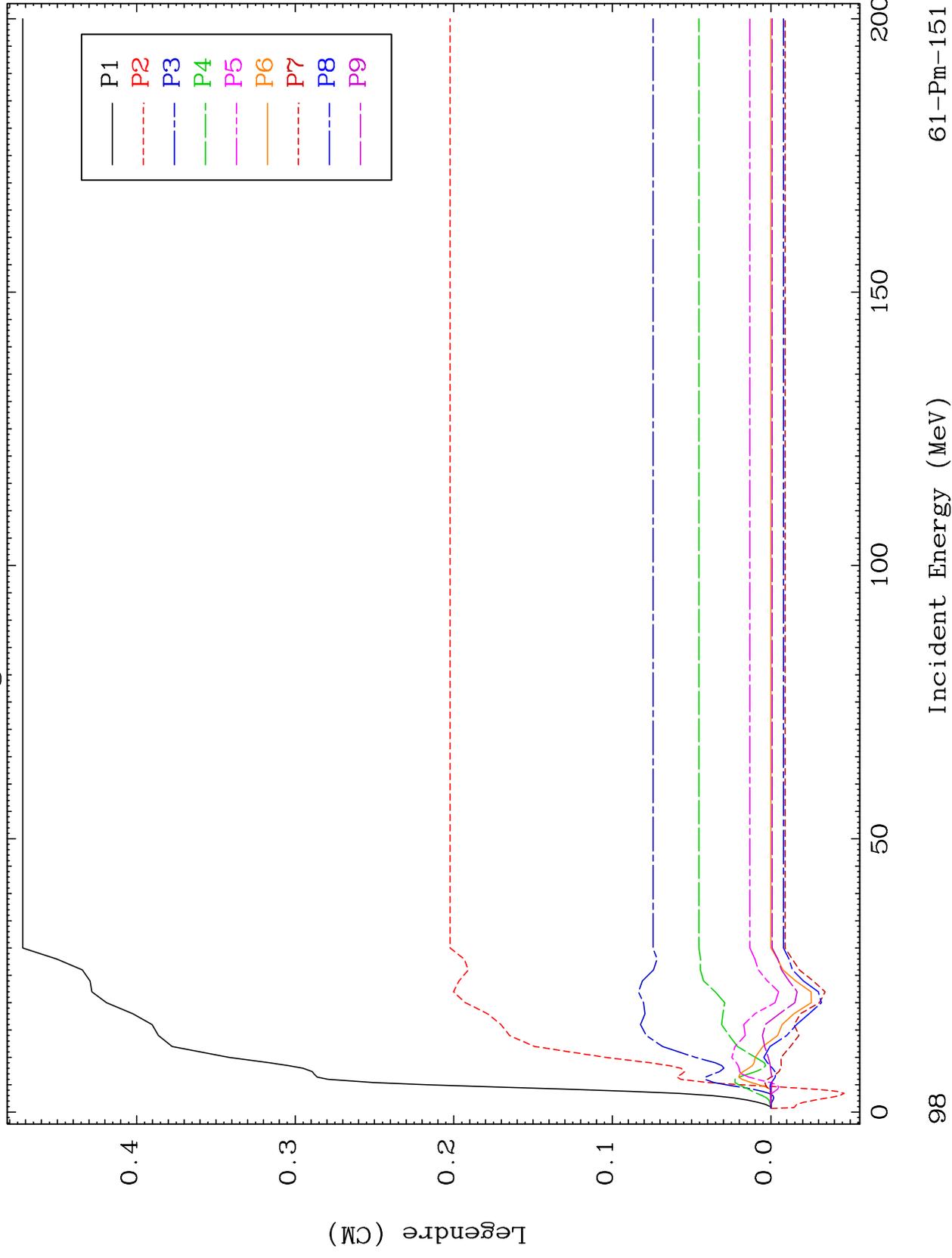




MAT 6161

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

61-Pm-151



61-Pm-151

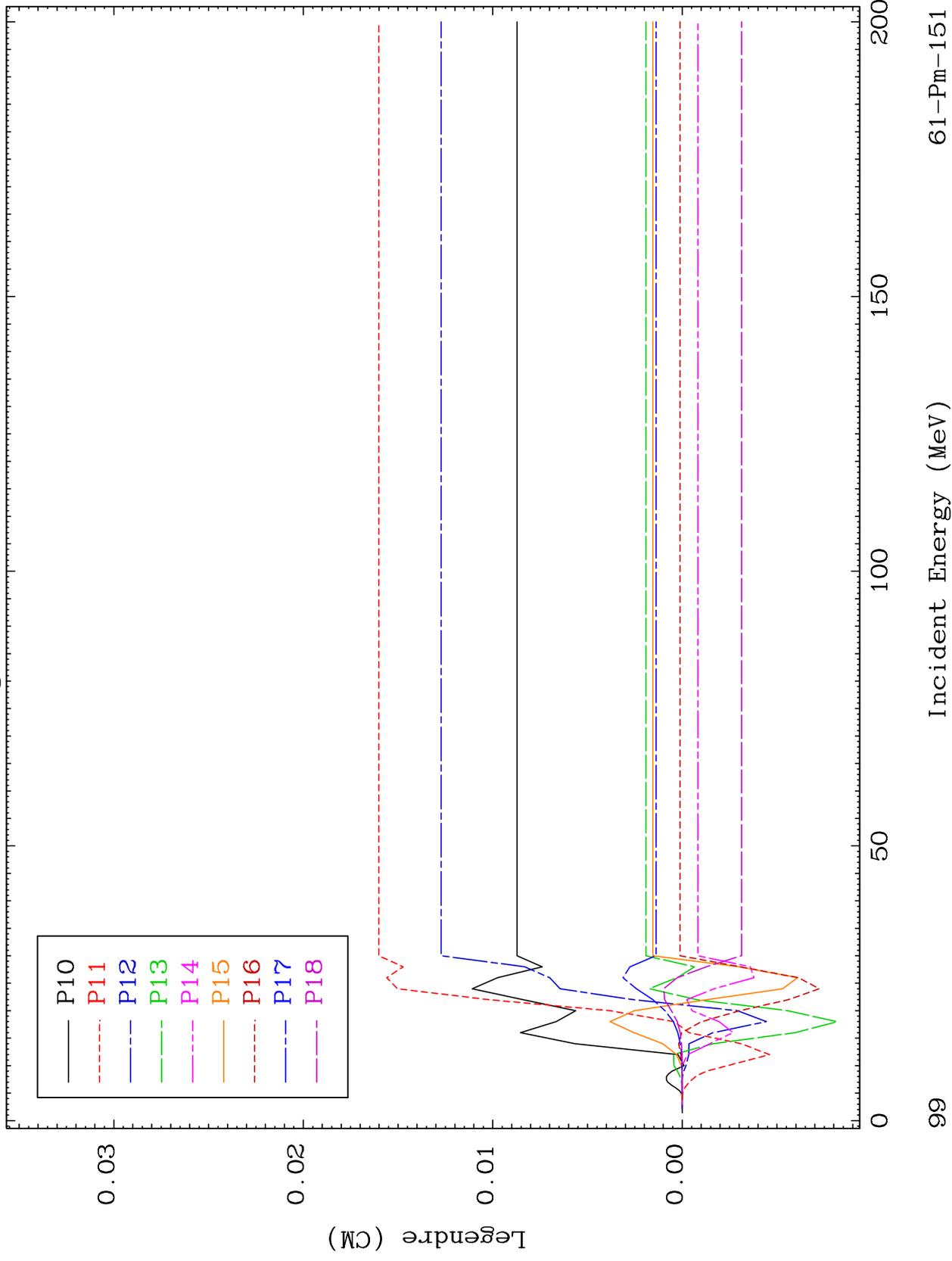
Incident Energy (MeV)

98

MAT 6161

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

61-Pm-151



61-Pm-151

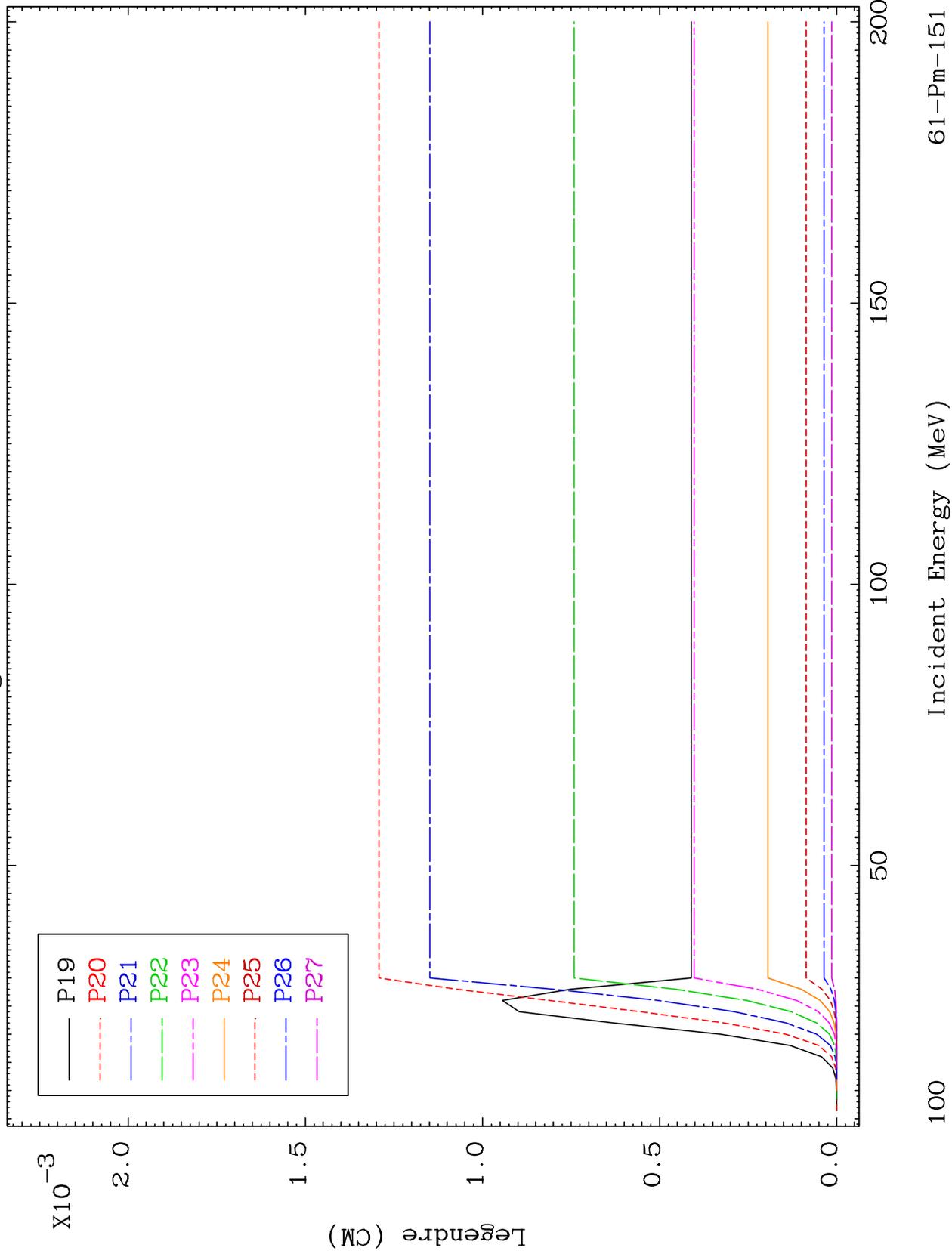
Incident Energy (MeV)

99

MAT 6161

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

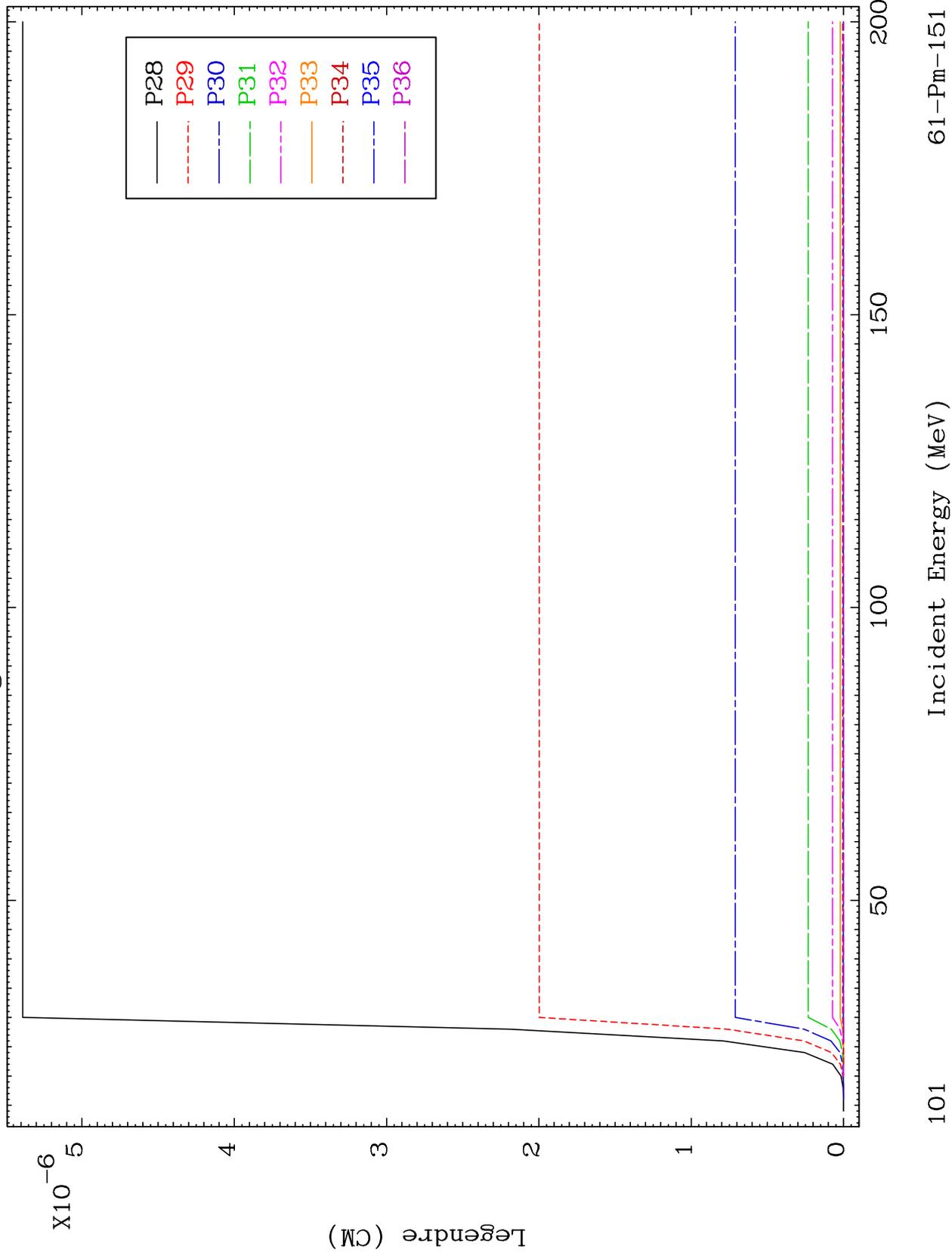
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MAT 6161

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

61-Pm-151



101

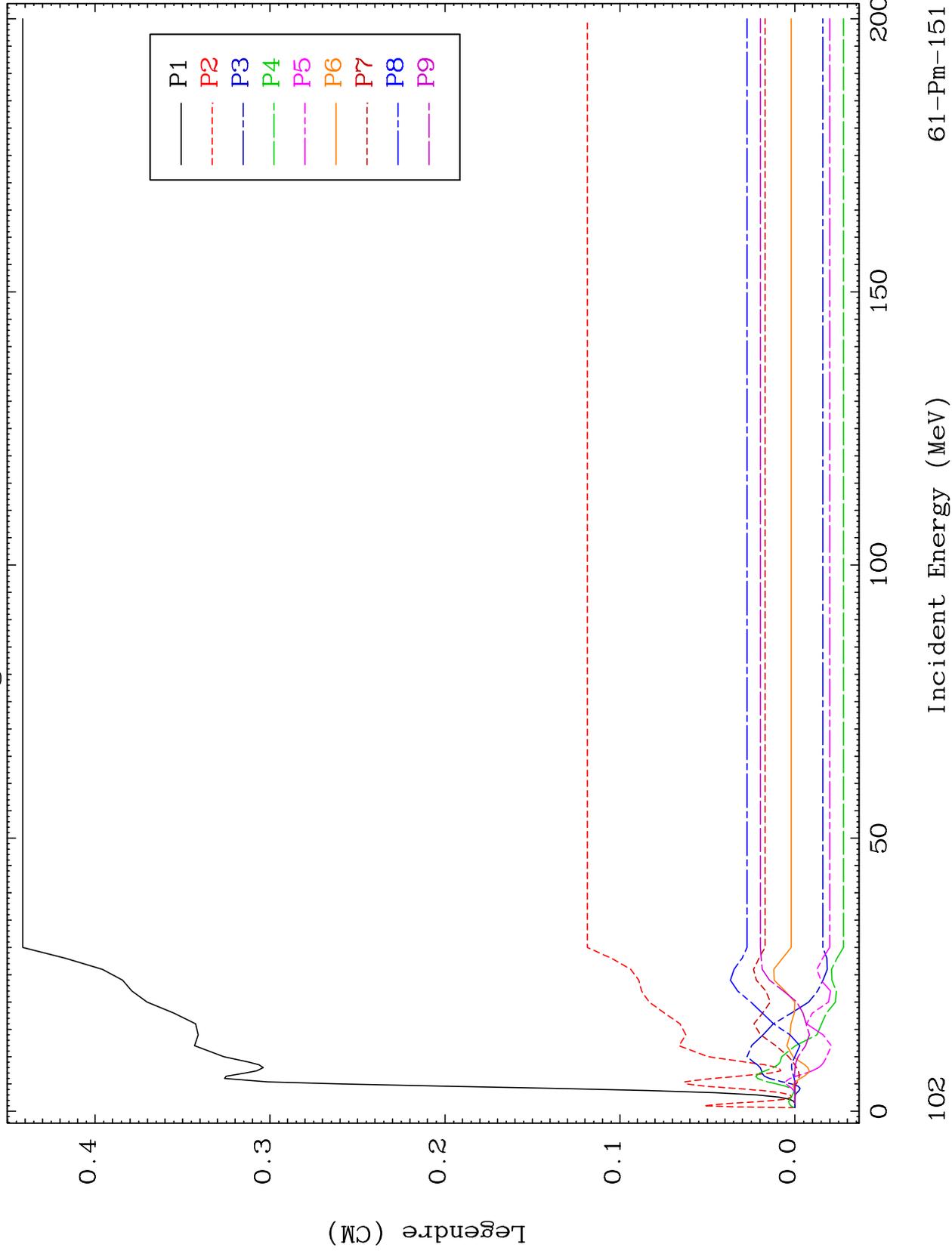
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

61-Pm-151



61-Pm-151

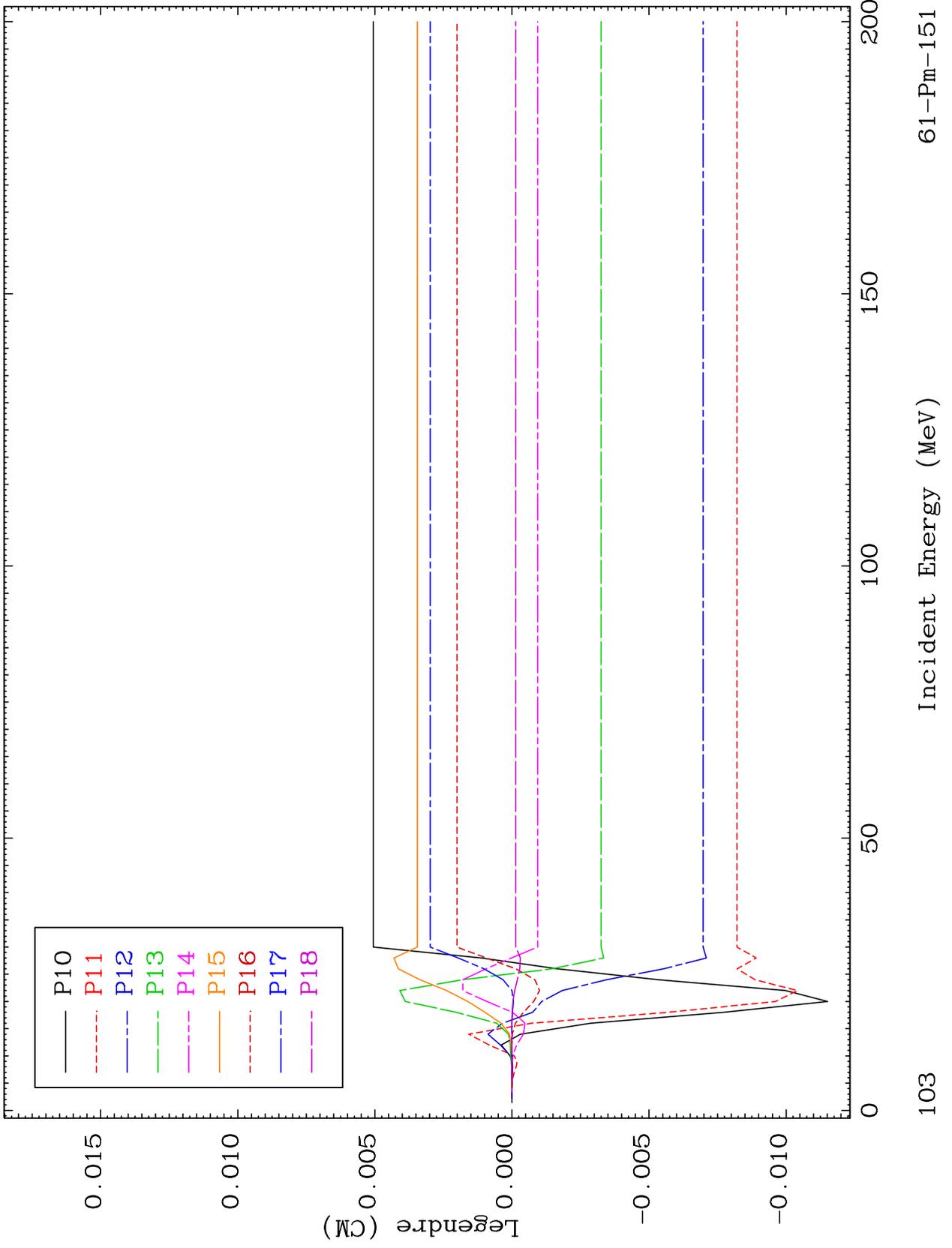
Incident Energy (MeV)

102

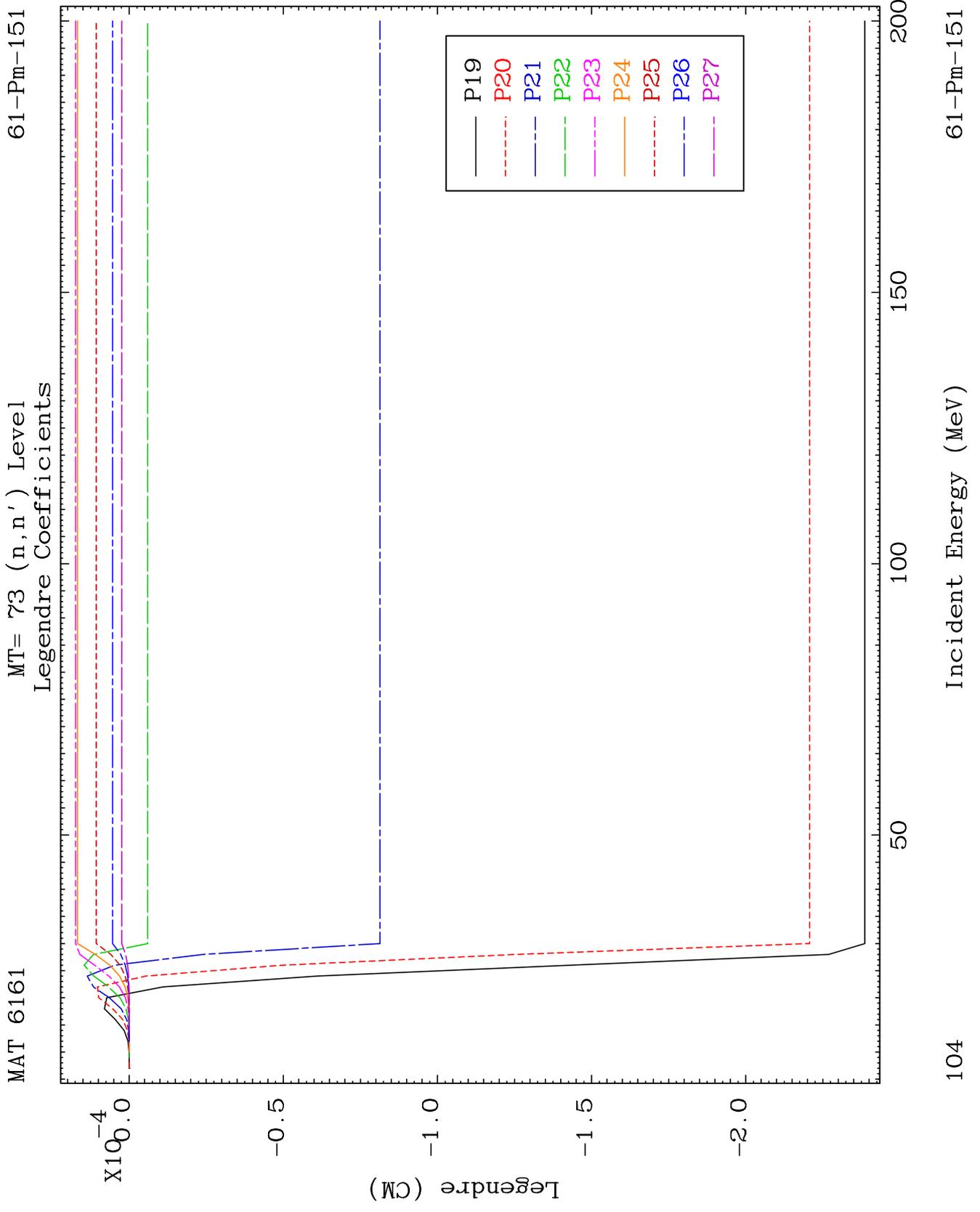
MAT 6161

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

61-Pm-151



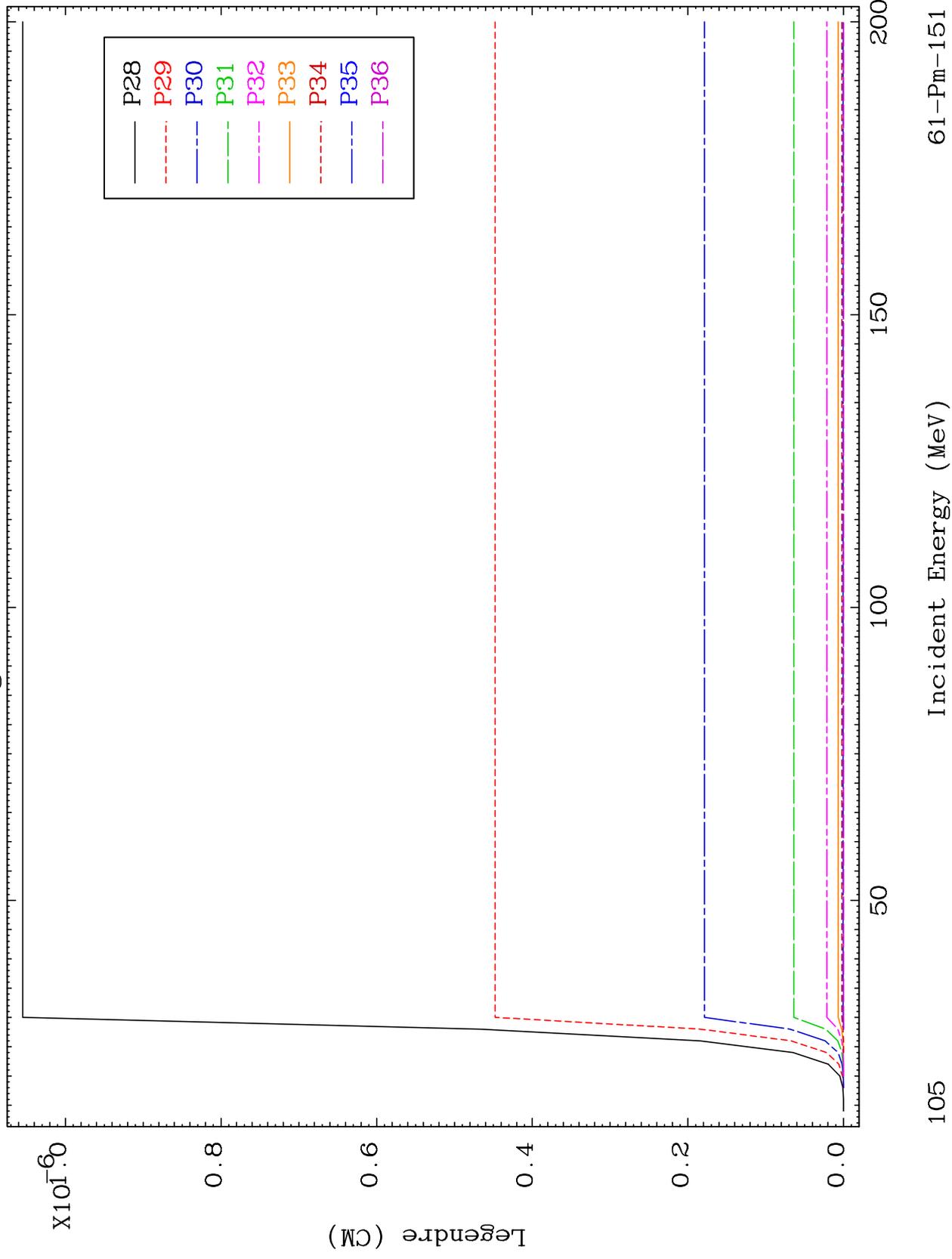
103



MAT 6161

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

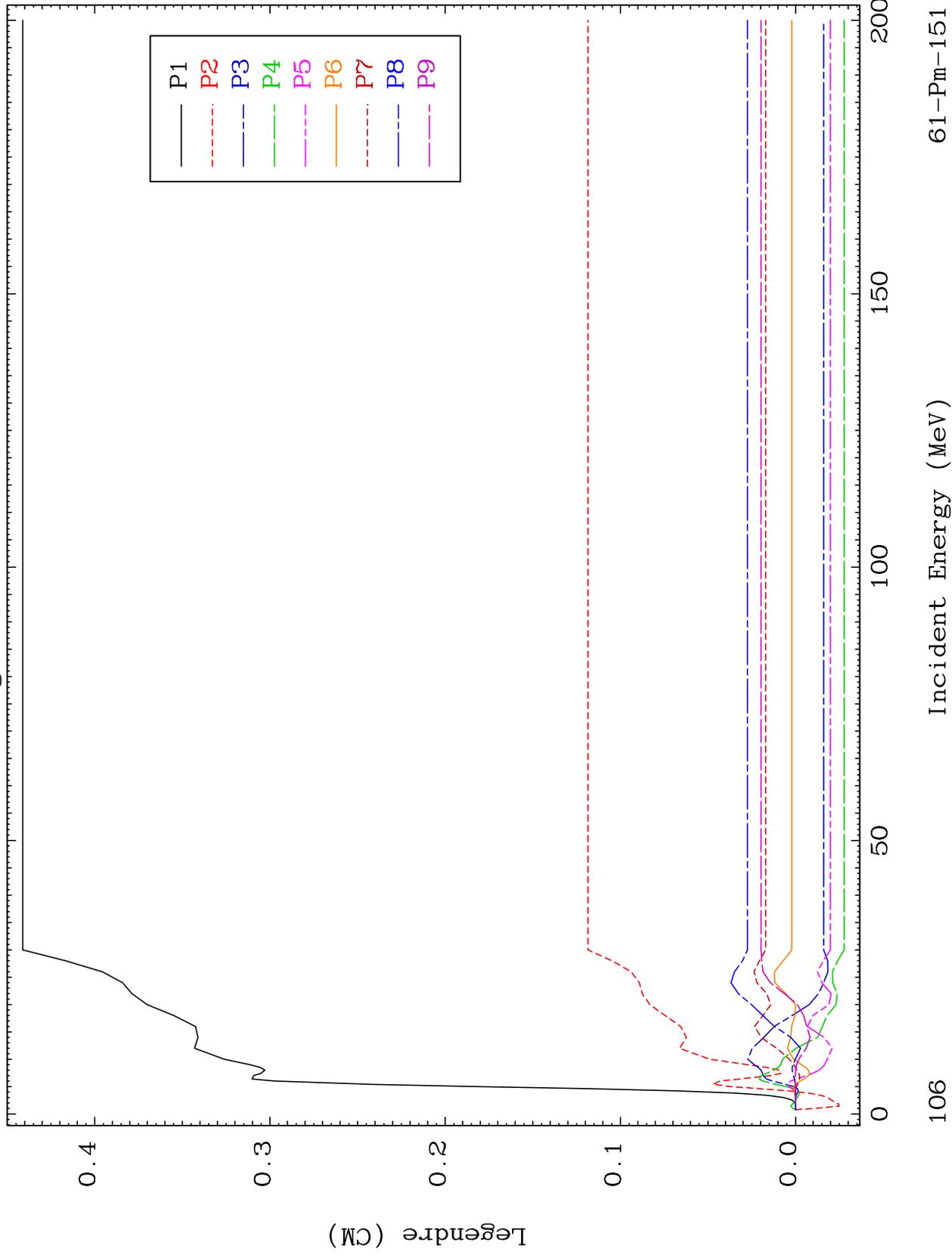
61-Pm-151



MAT 6161

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

61-Pm-151



61-Pm-151

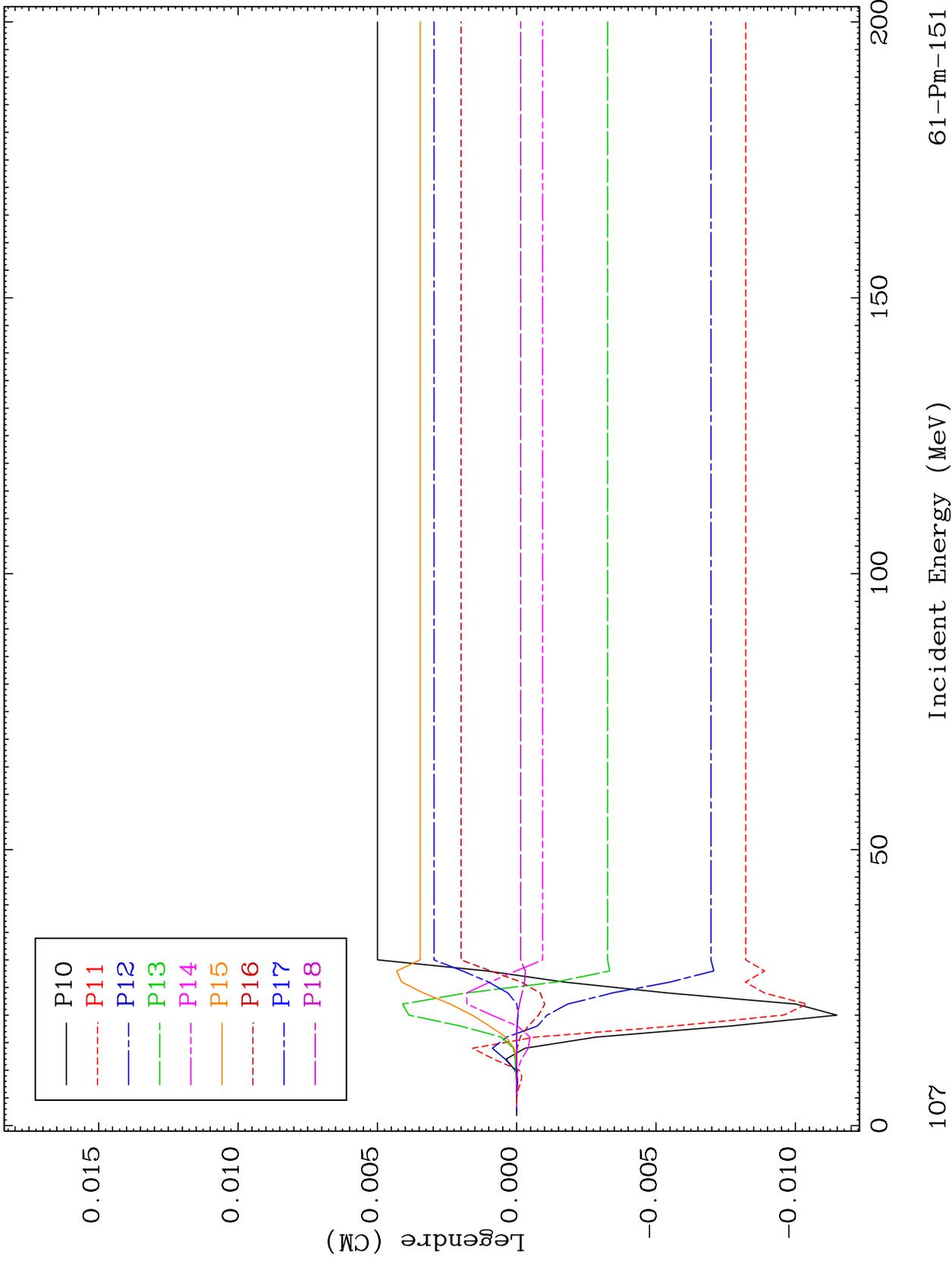
Incident Energy (MeV)

106

MAT 6161

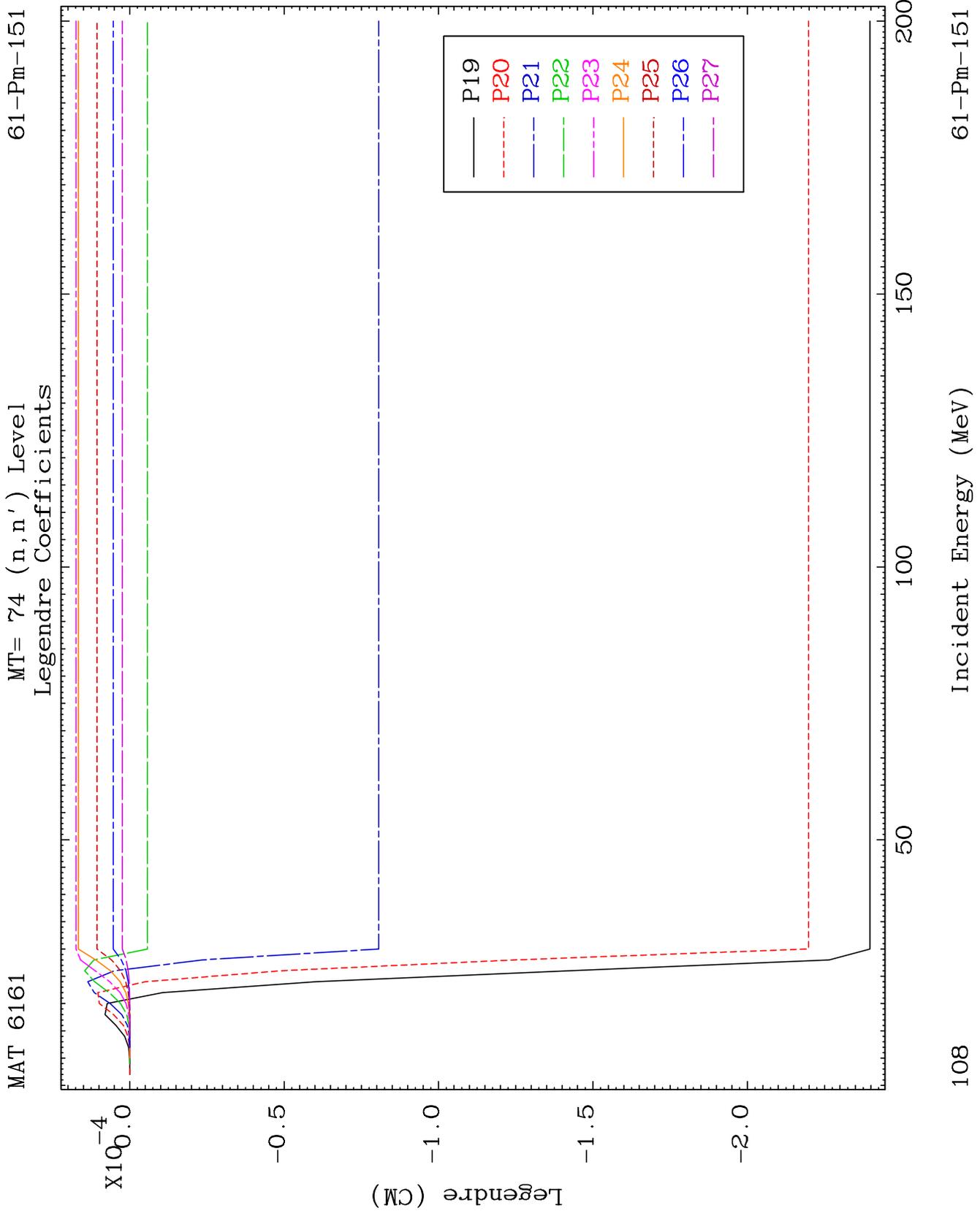
MT= 74 (n,n') Level
Legendre Coefficients

61-Pm-151



107

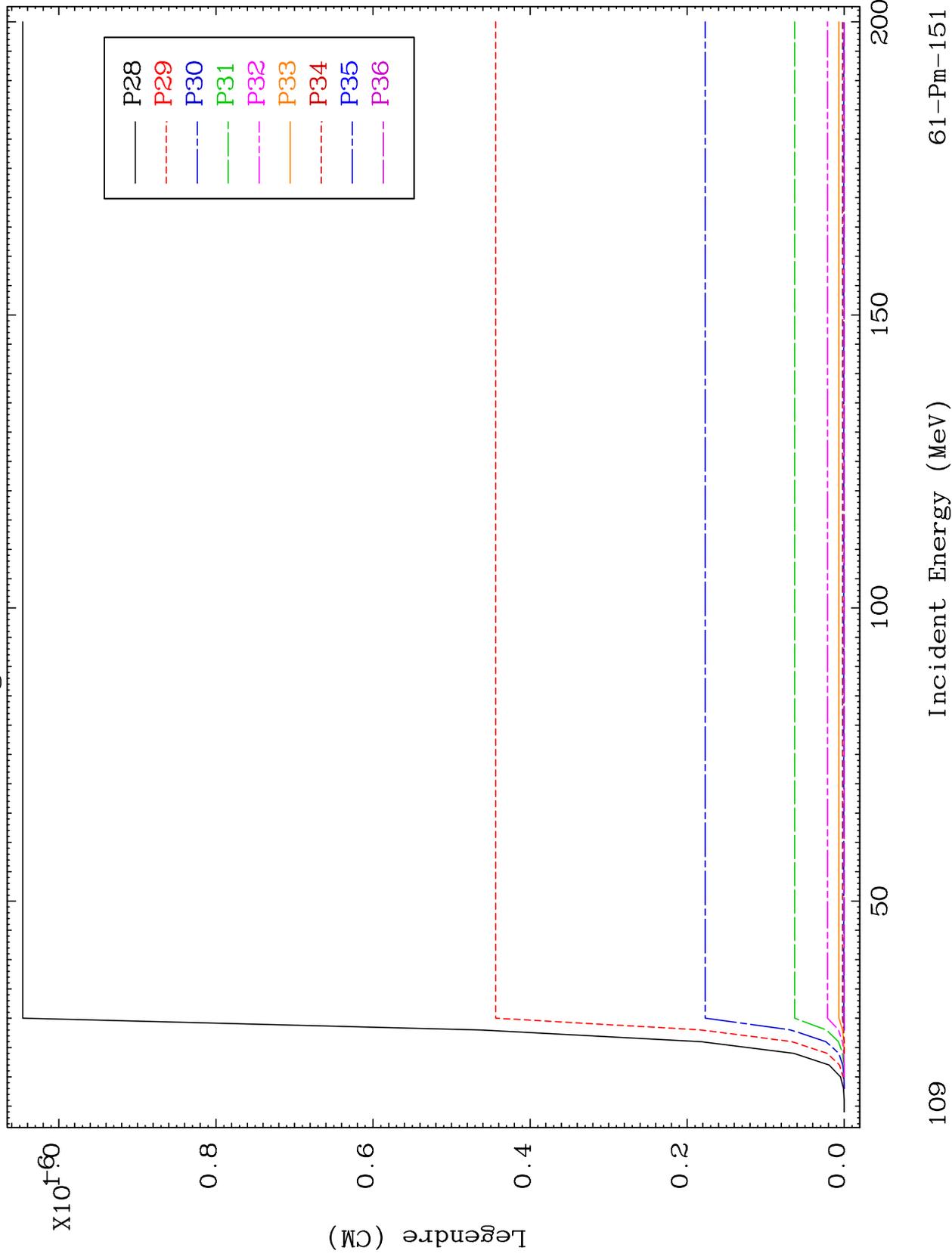
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MAT 6161

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

61-Pm-151



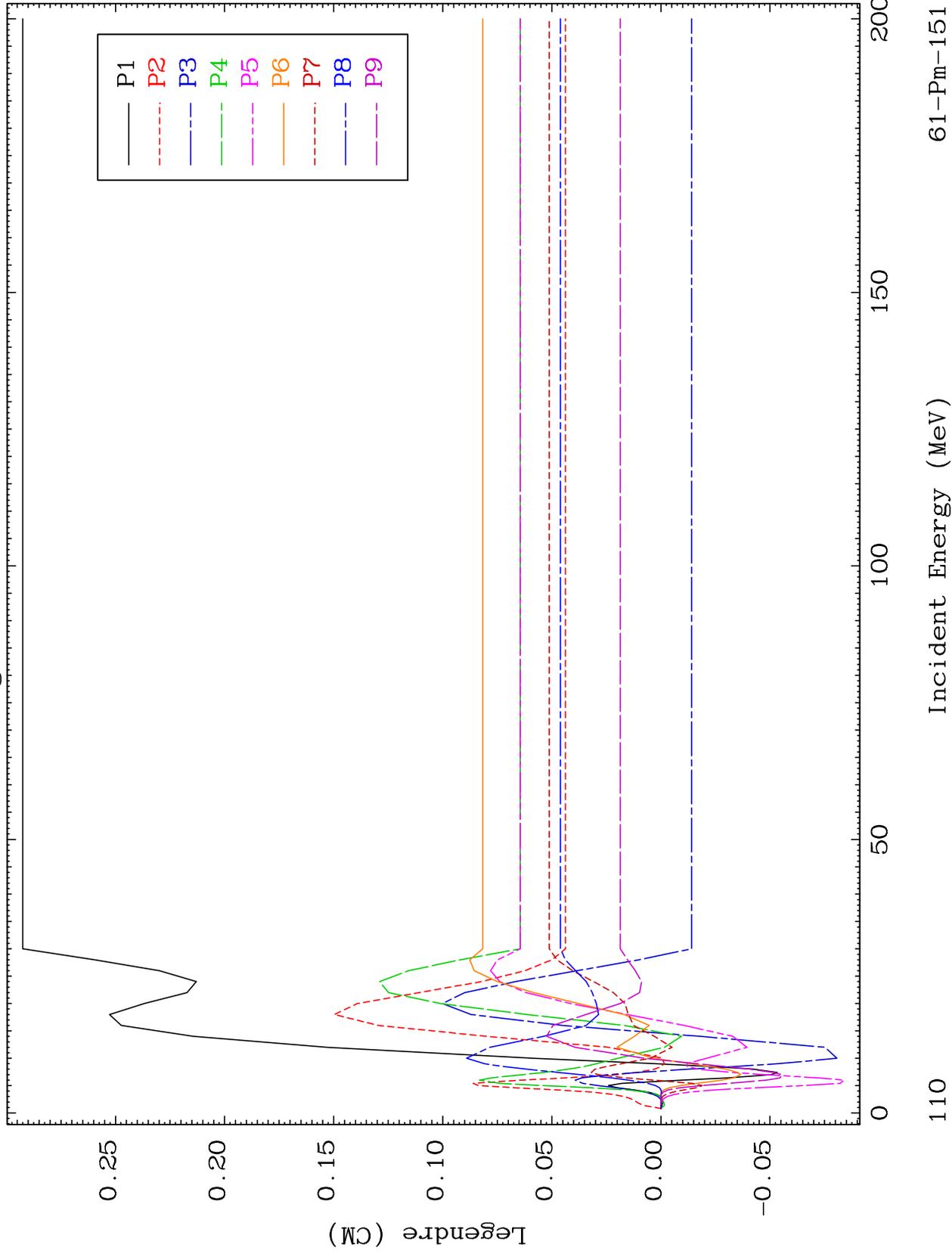
109

61-Pm-151

MAT 6161

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

61-Pm-151



61-Pm-151

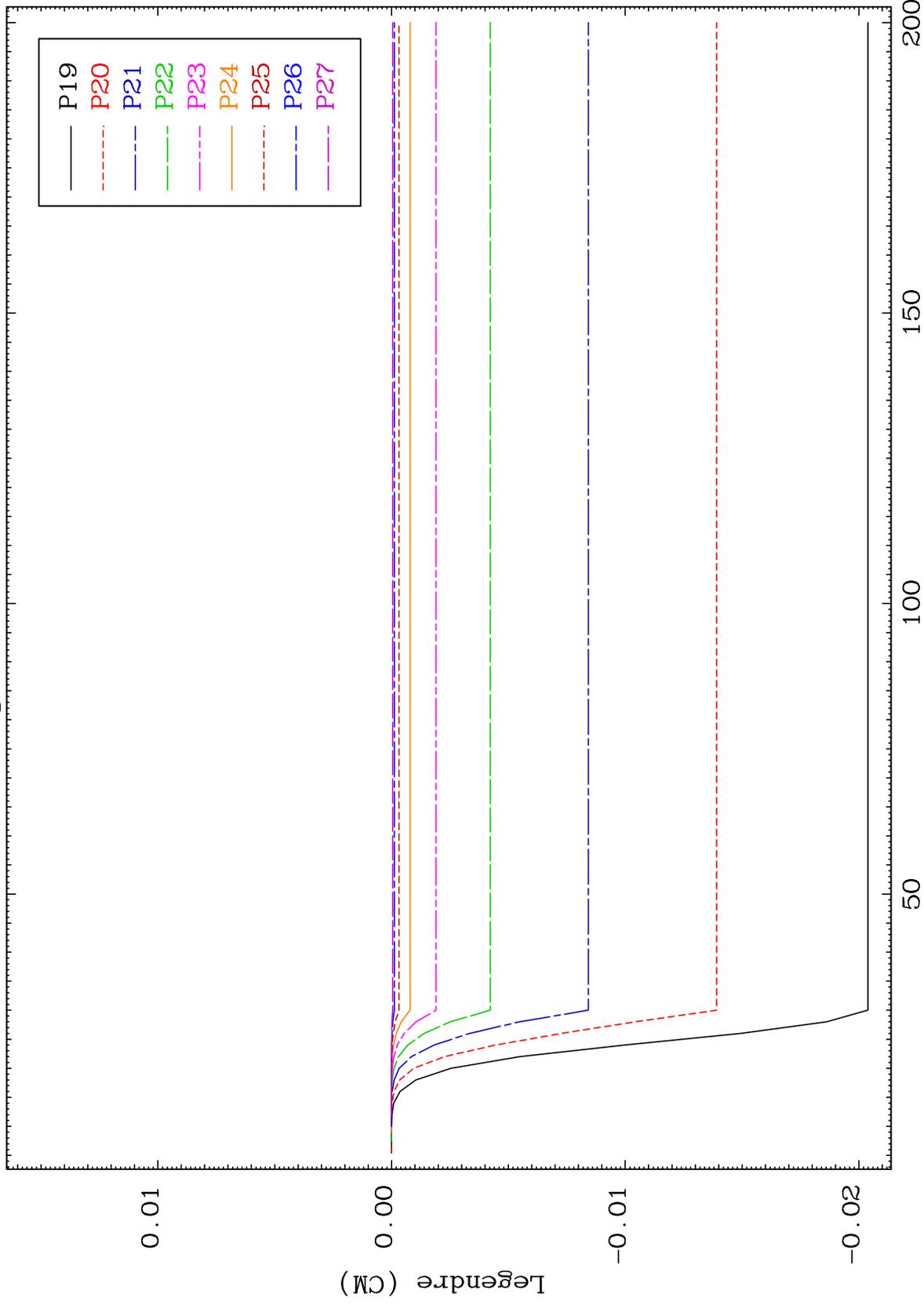
Incident Energy (MeV)

0

MAT 6161

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

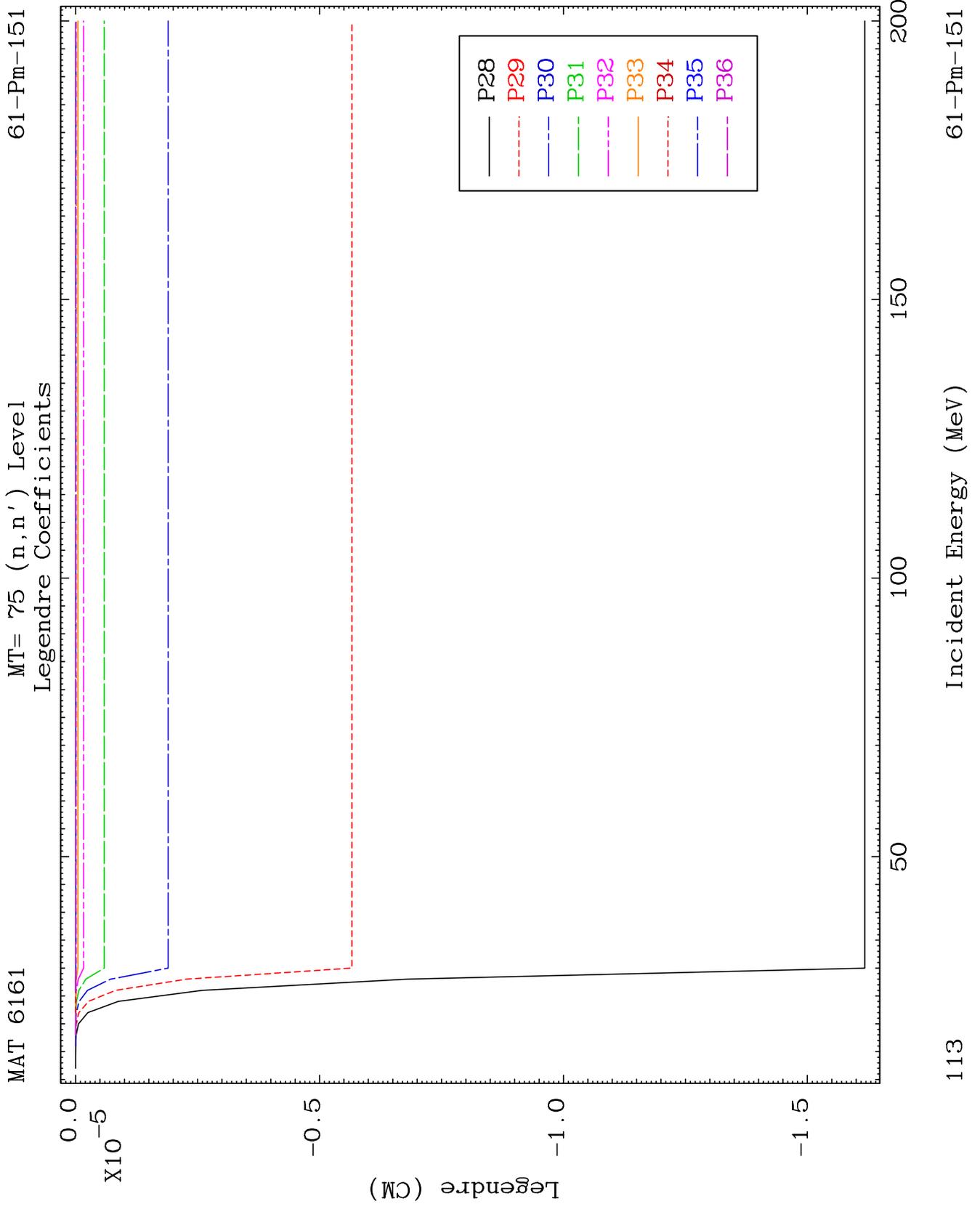
61-Pm-151



112

Incident Energy (MeV)

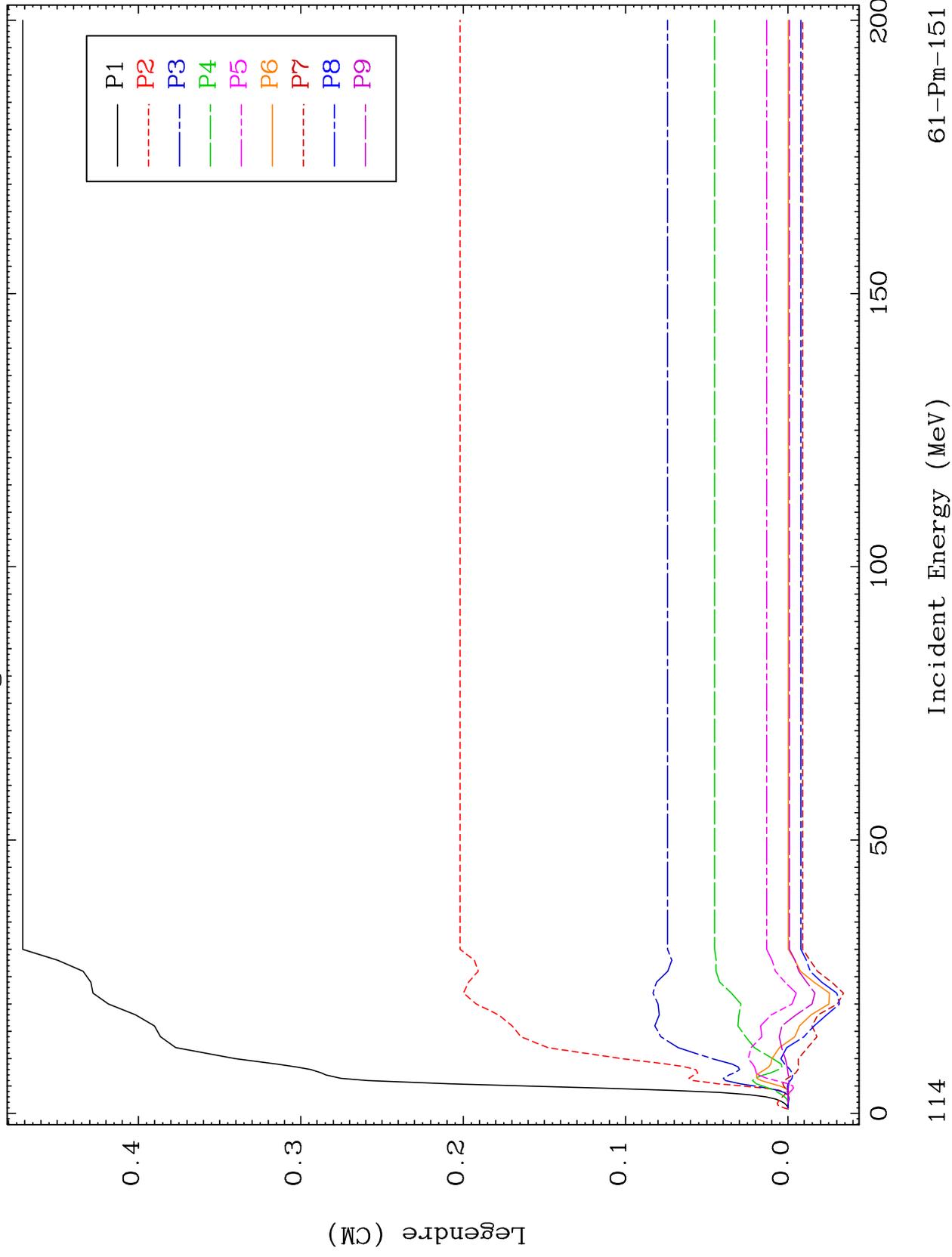
61-Pm-151



MAT 6161

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

61-Pm-151



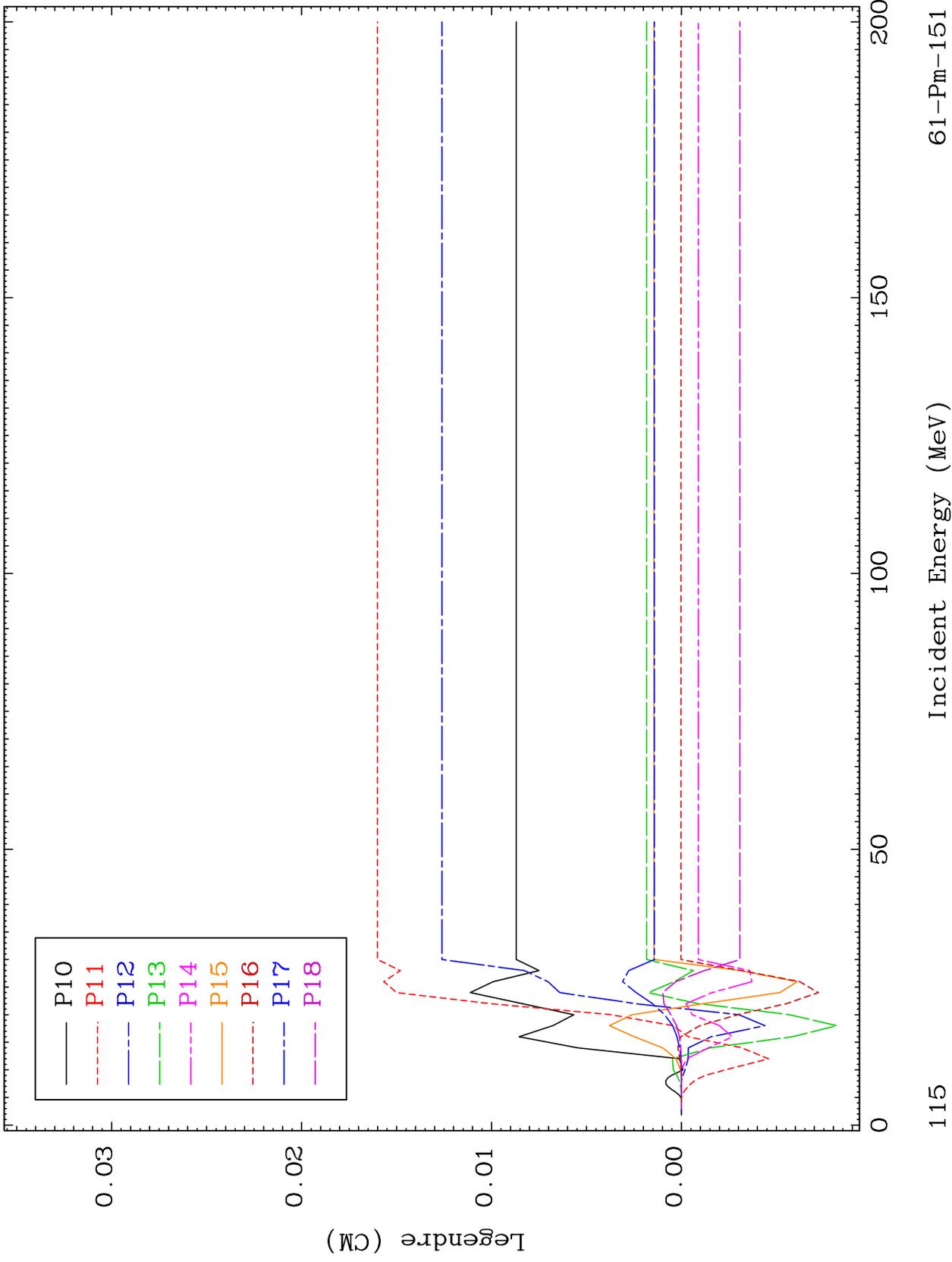
114

61-Pm-151

MAT 6161

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

61-Pm-151



115

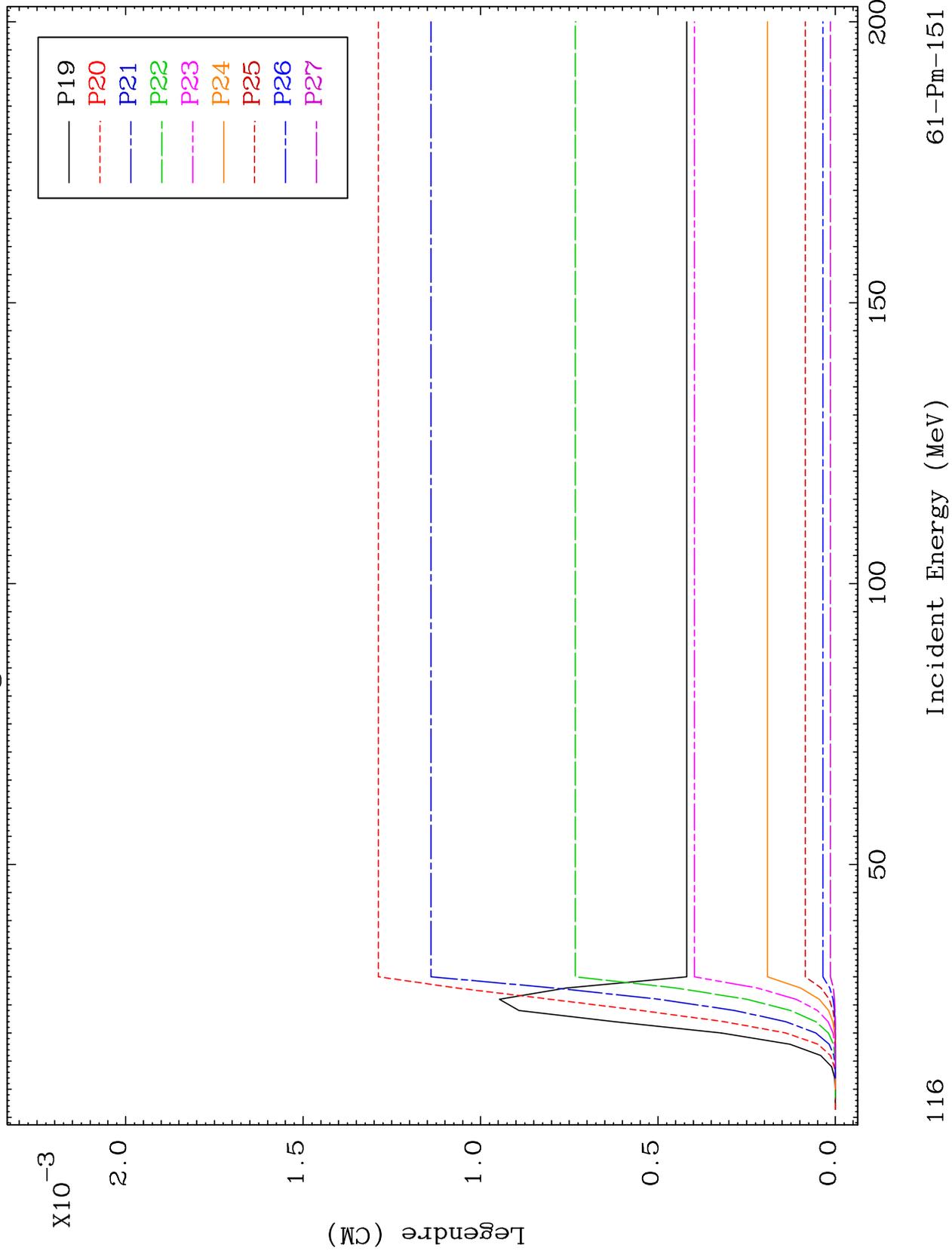
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

61-Pm-151



116

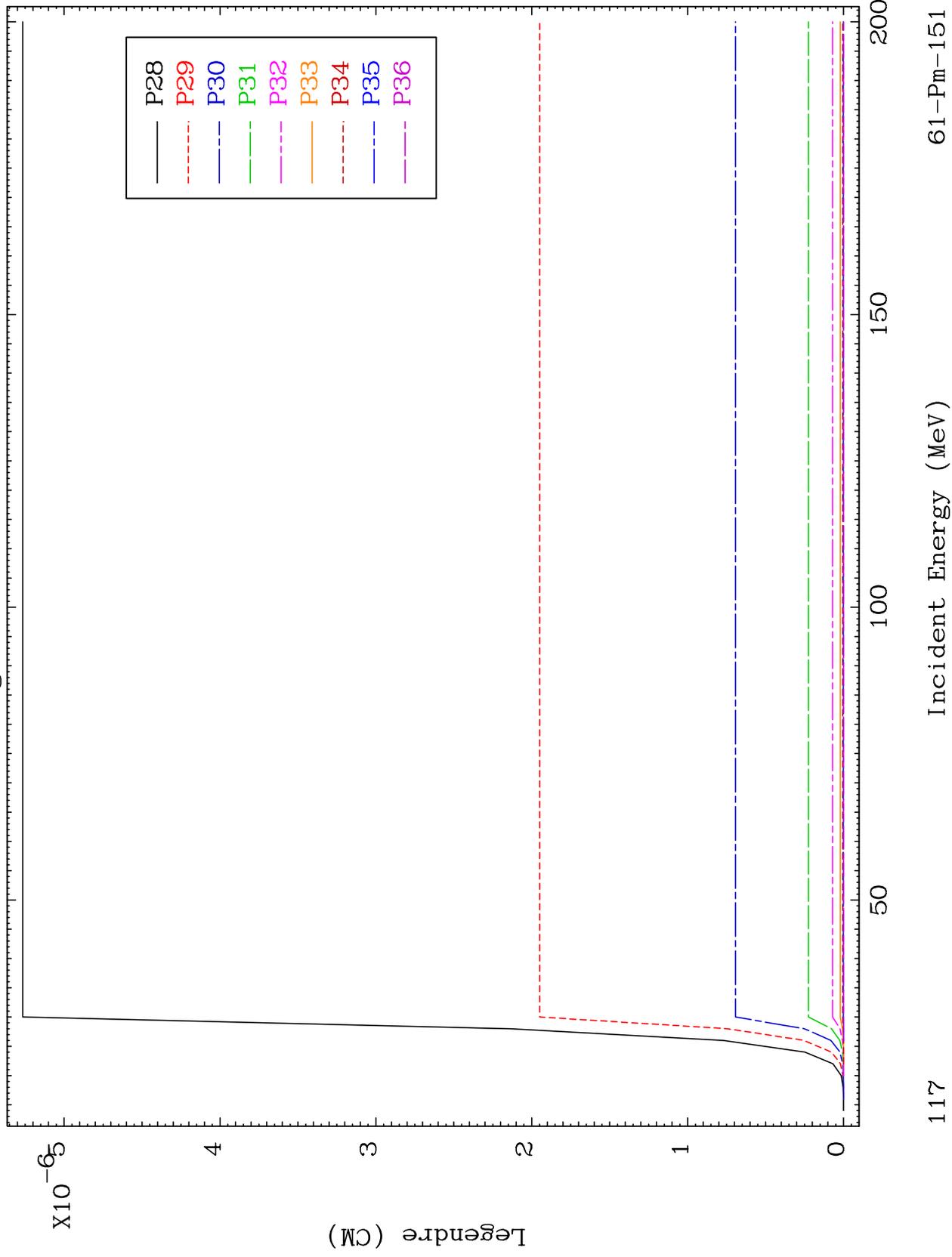
Incident Energy (MeV)

61-Pm-151

MAT 6161

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

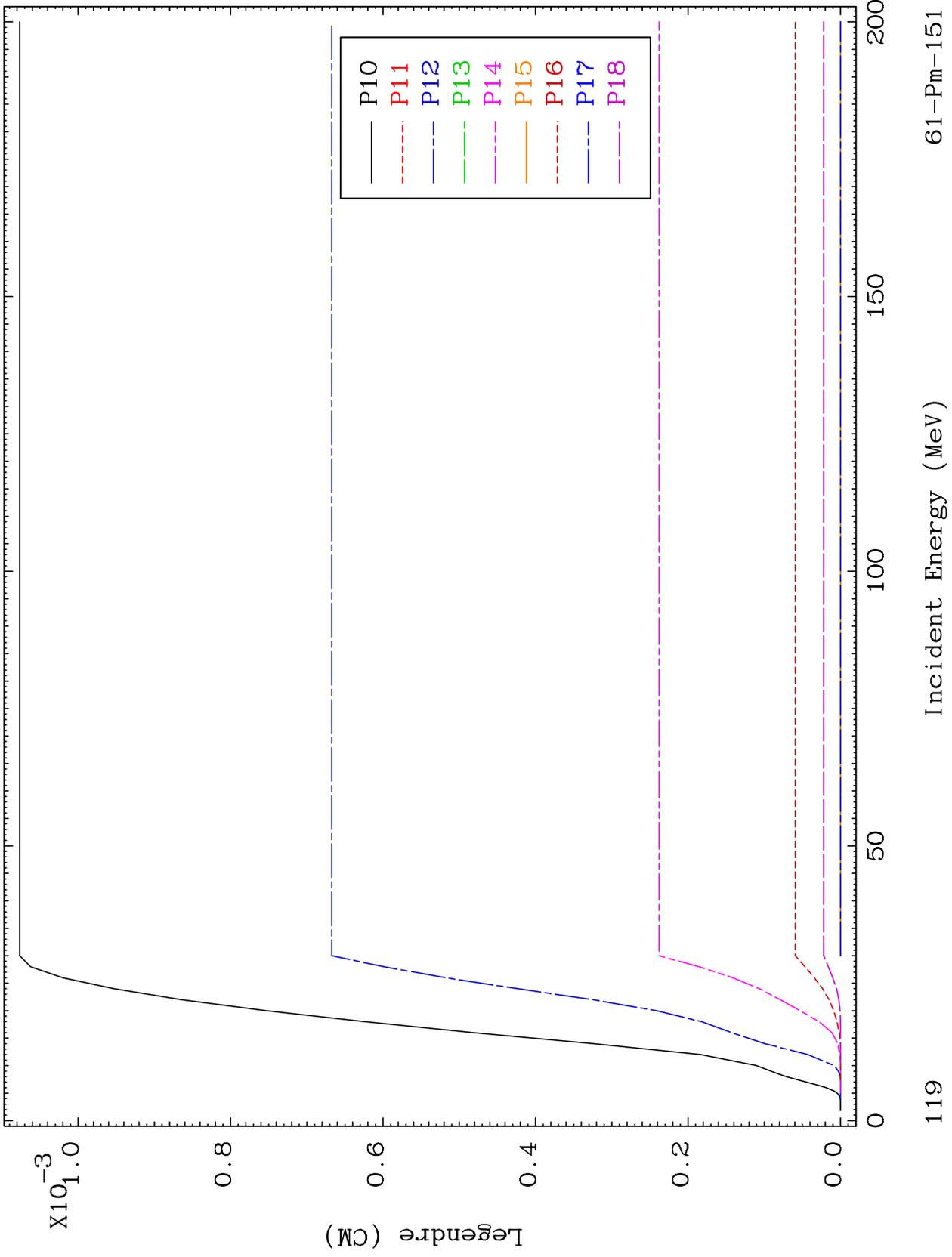
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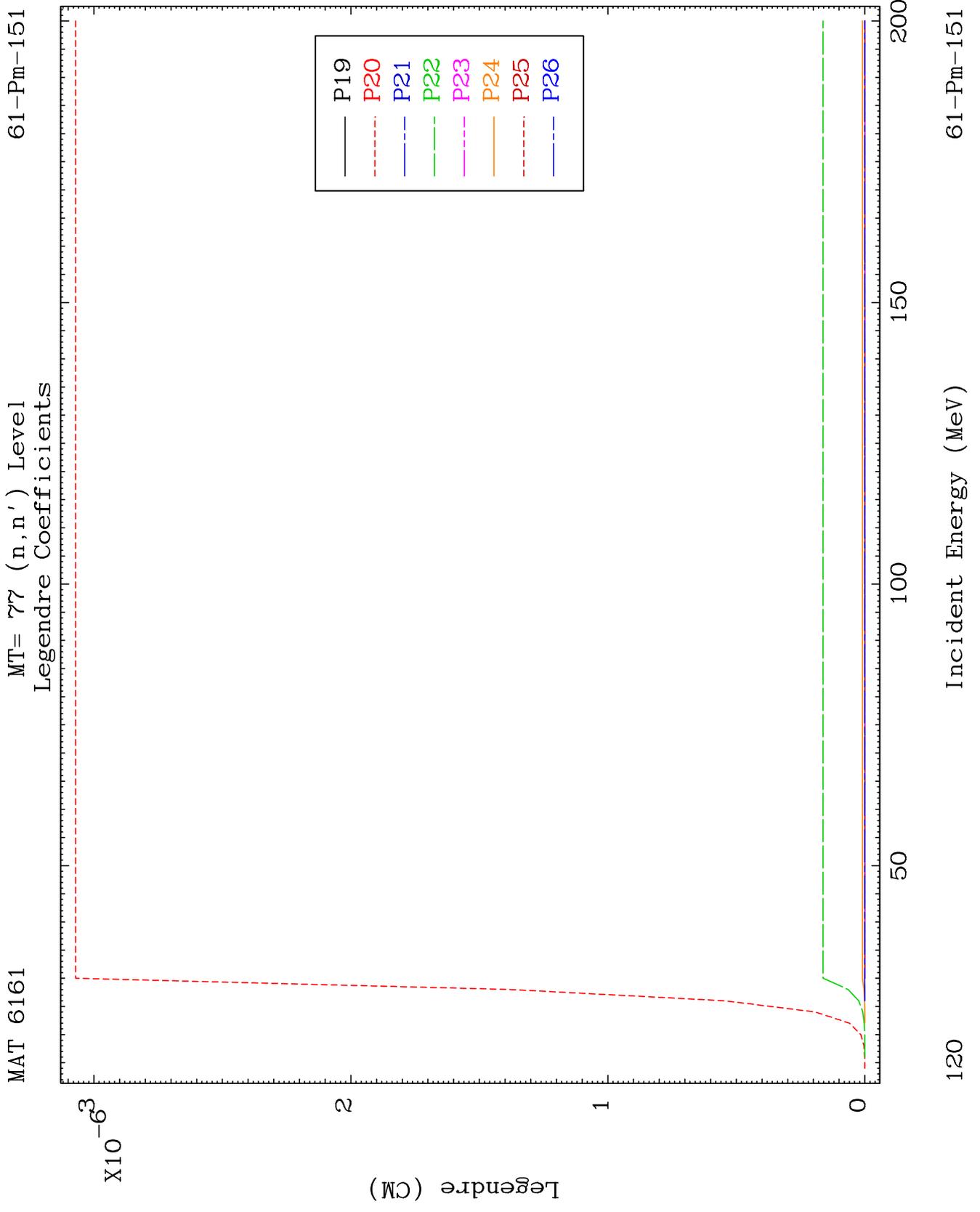


MAT 6161

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

61-Pm-151

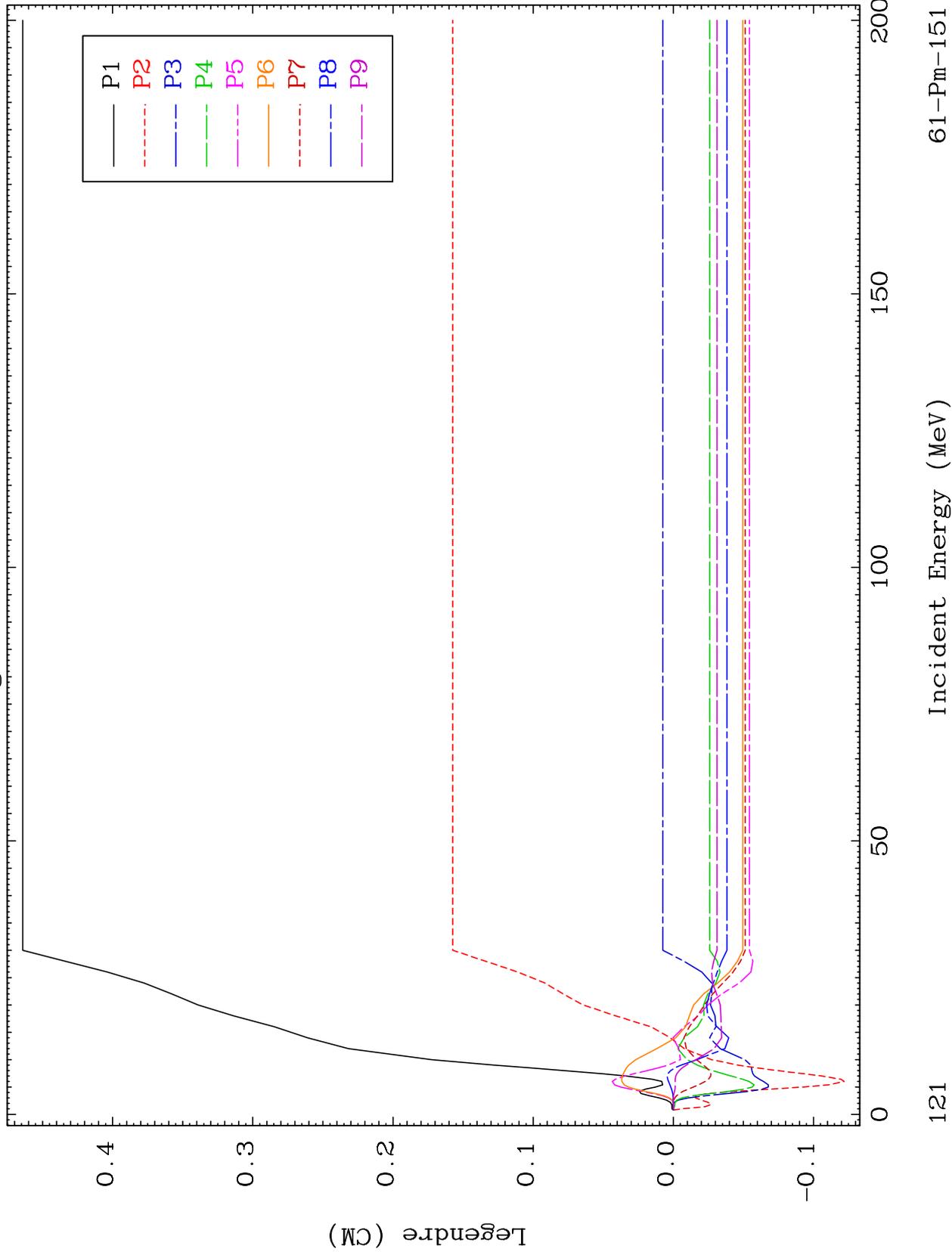




MAT 6161

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

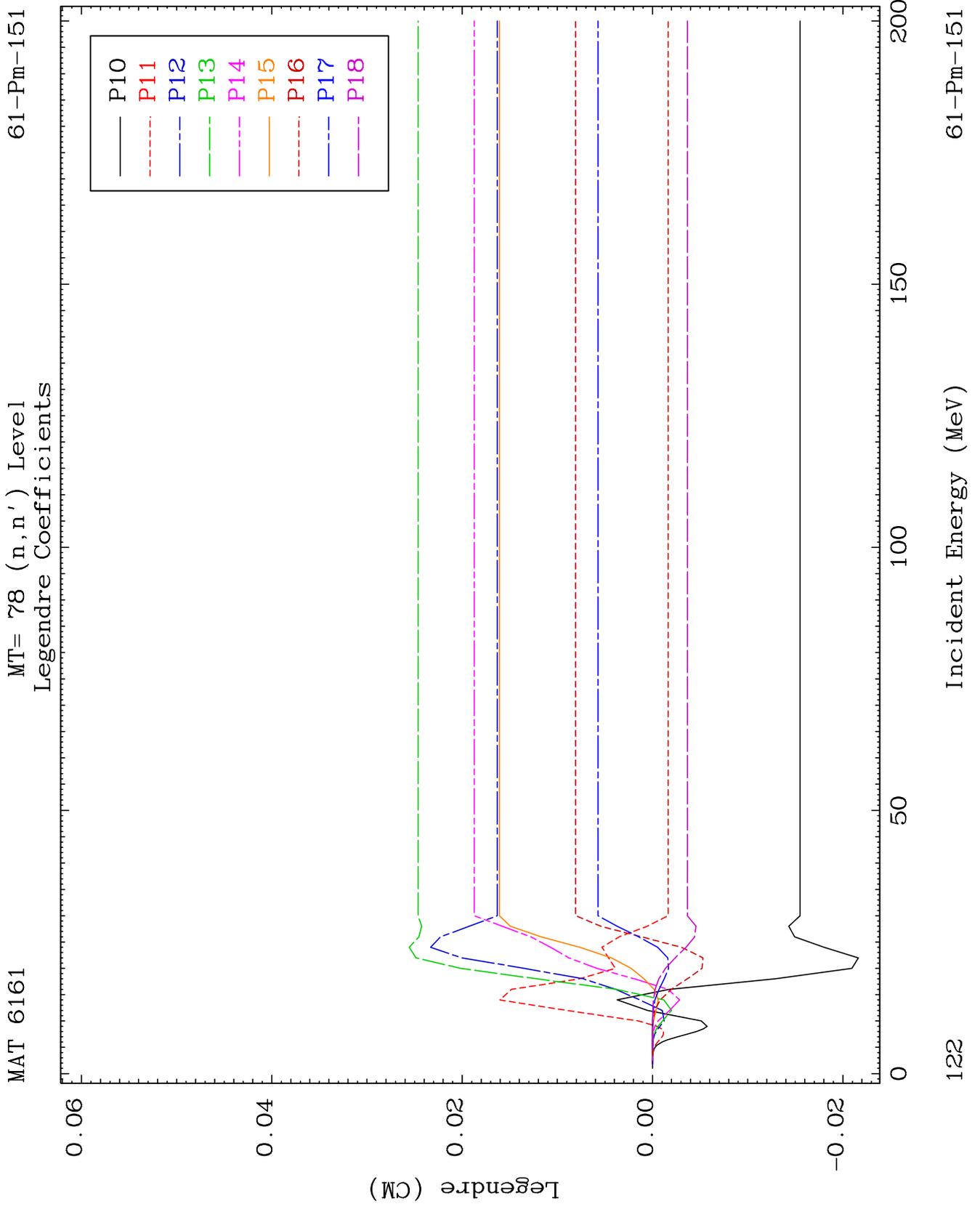
61-Pm-151



61-Pm-151

Incident Energy (MeV)

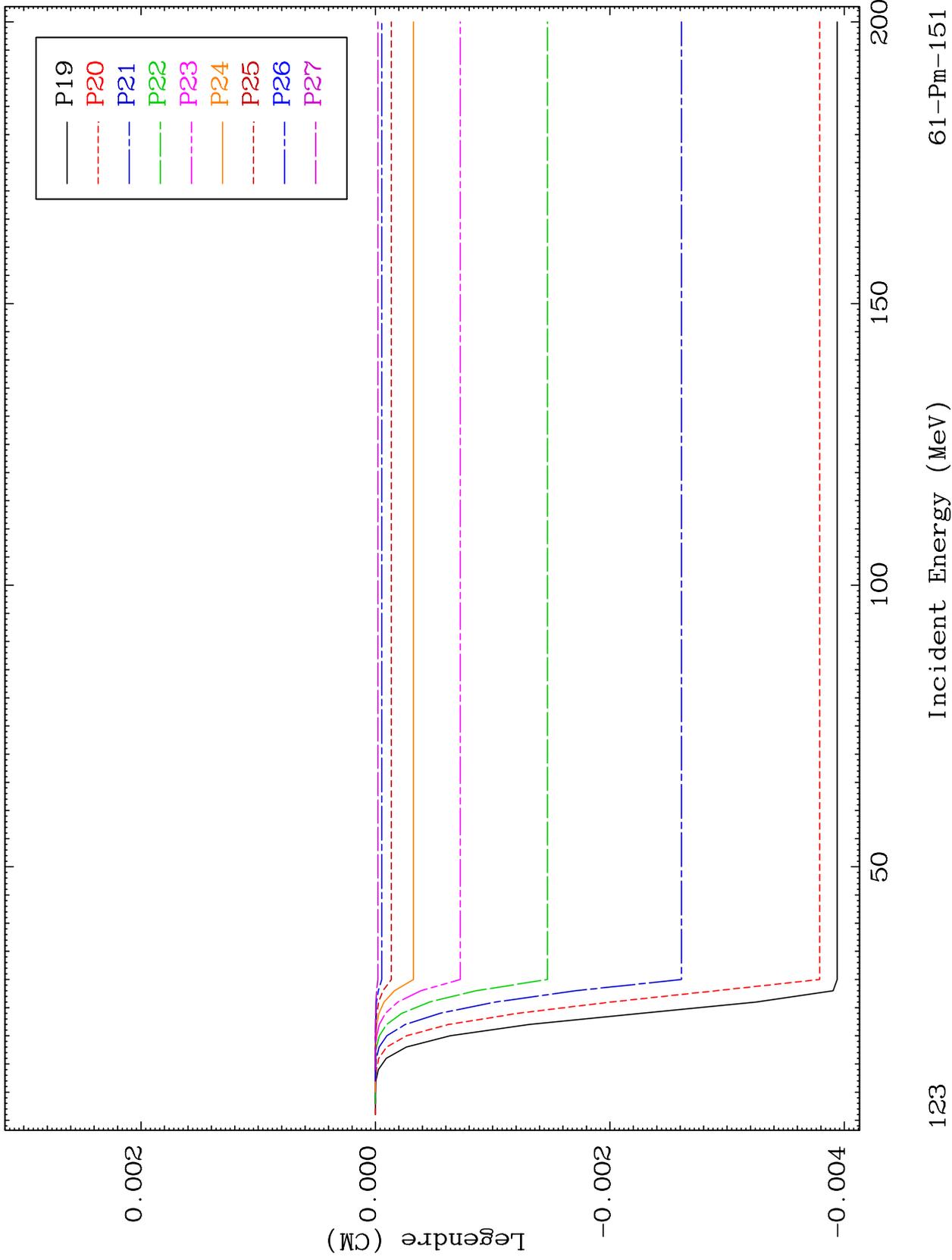
121



MAT 6161

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

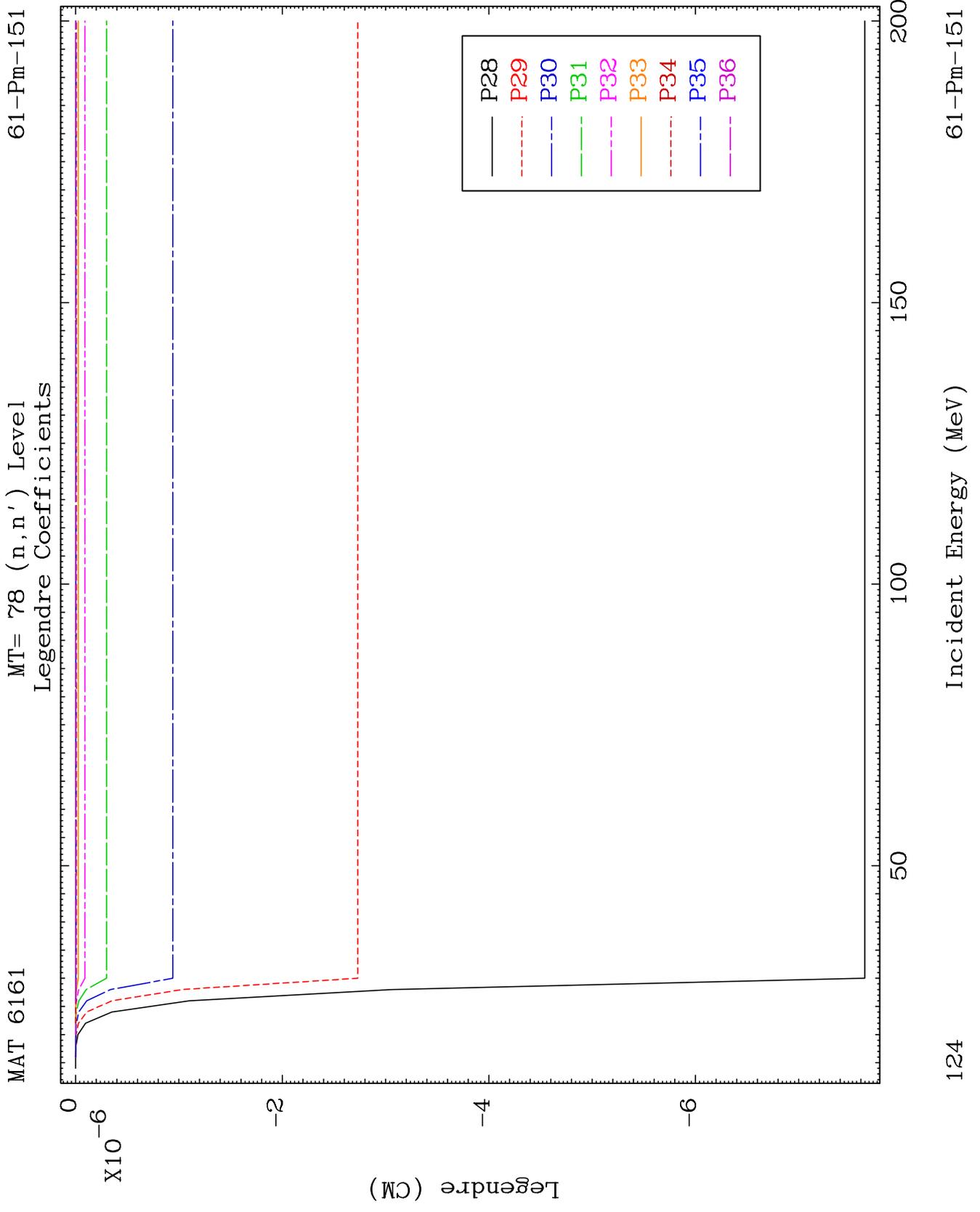
61-Pm-151

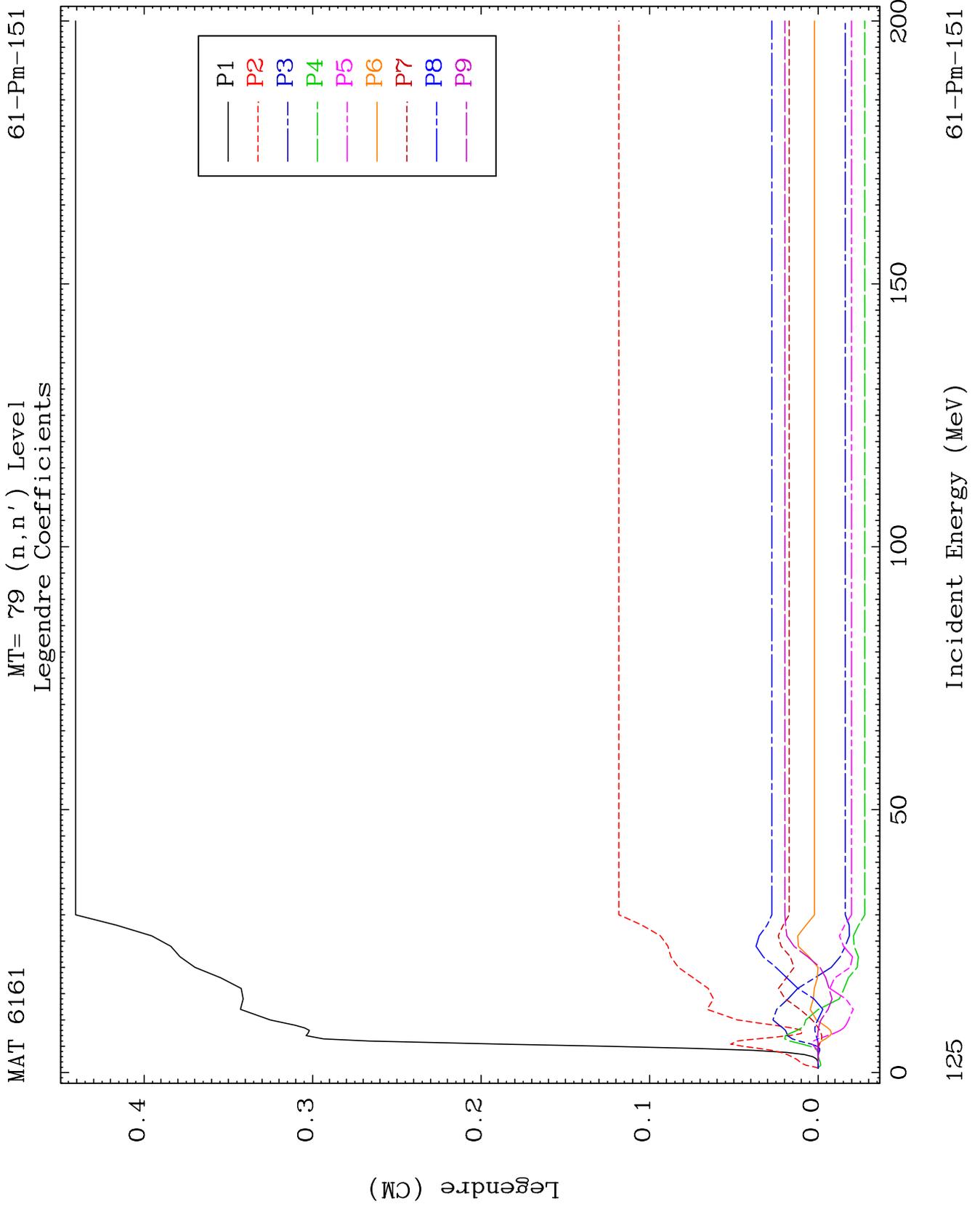


123

Incident Energy (MeV)

61-Pm-151

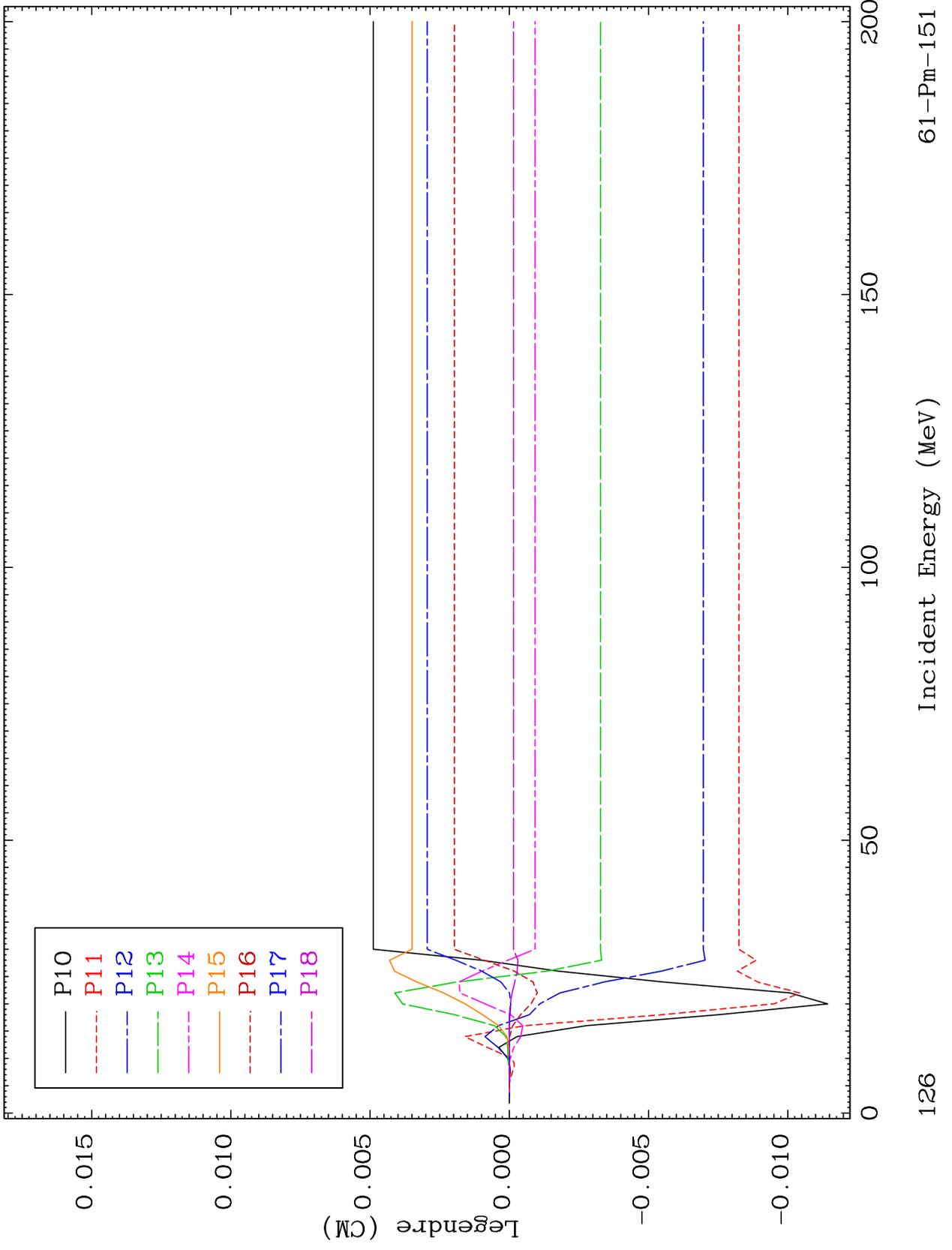




MAT 6161

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

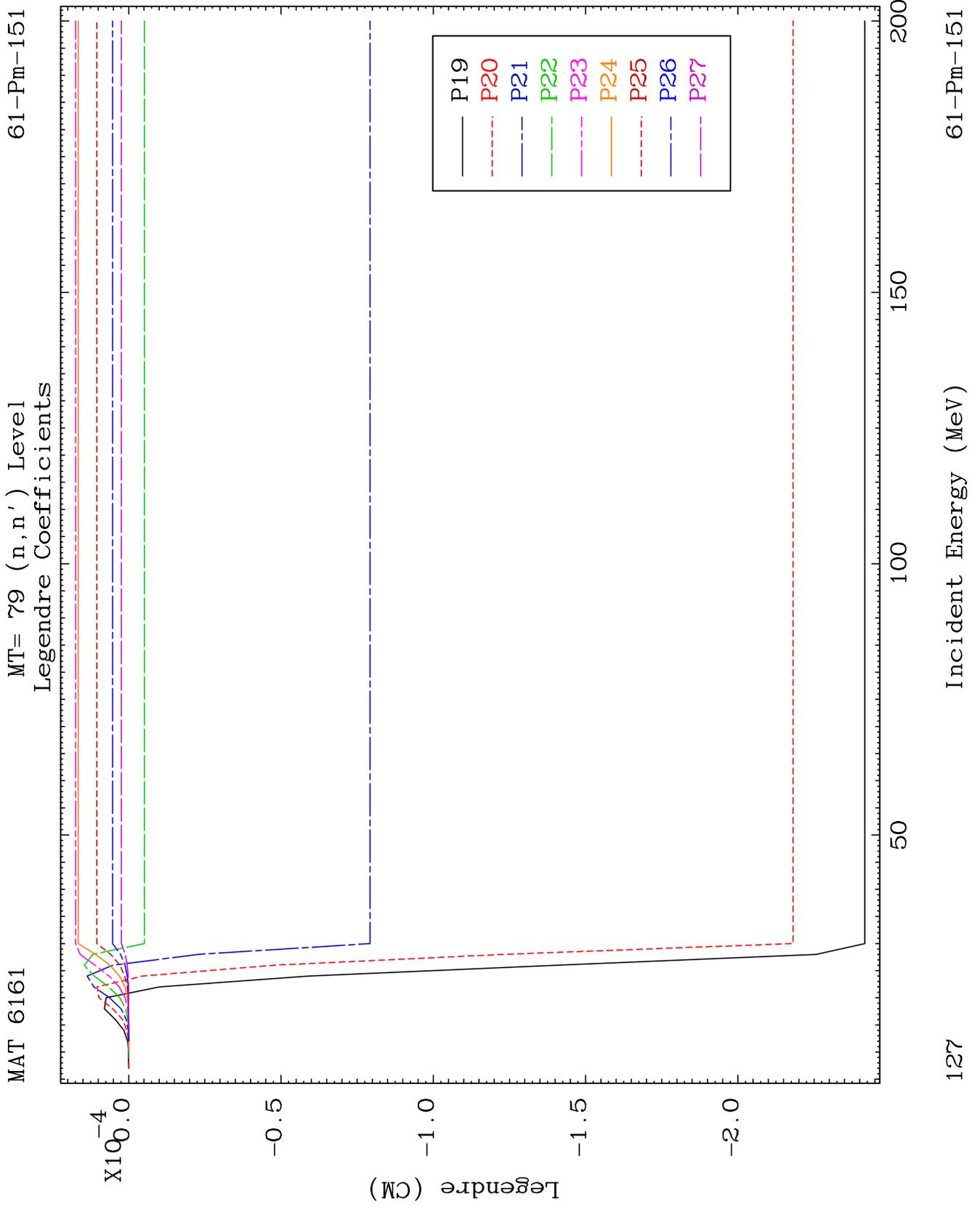
61-Pm-151



126

Incident Energy (MeV)

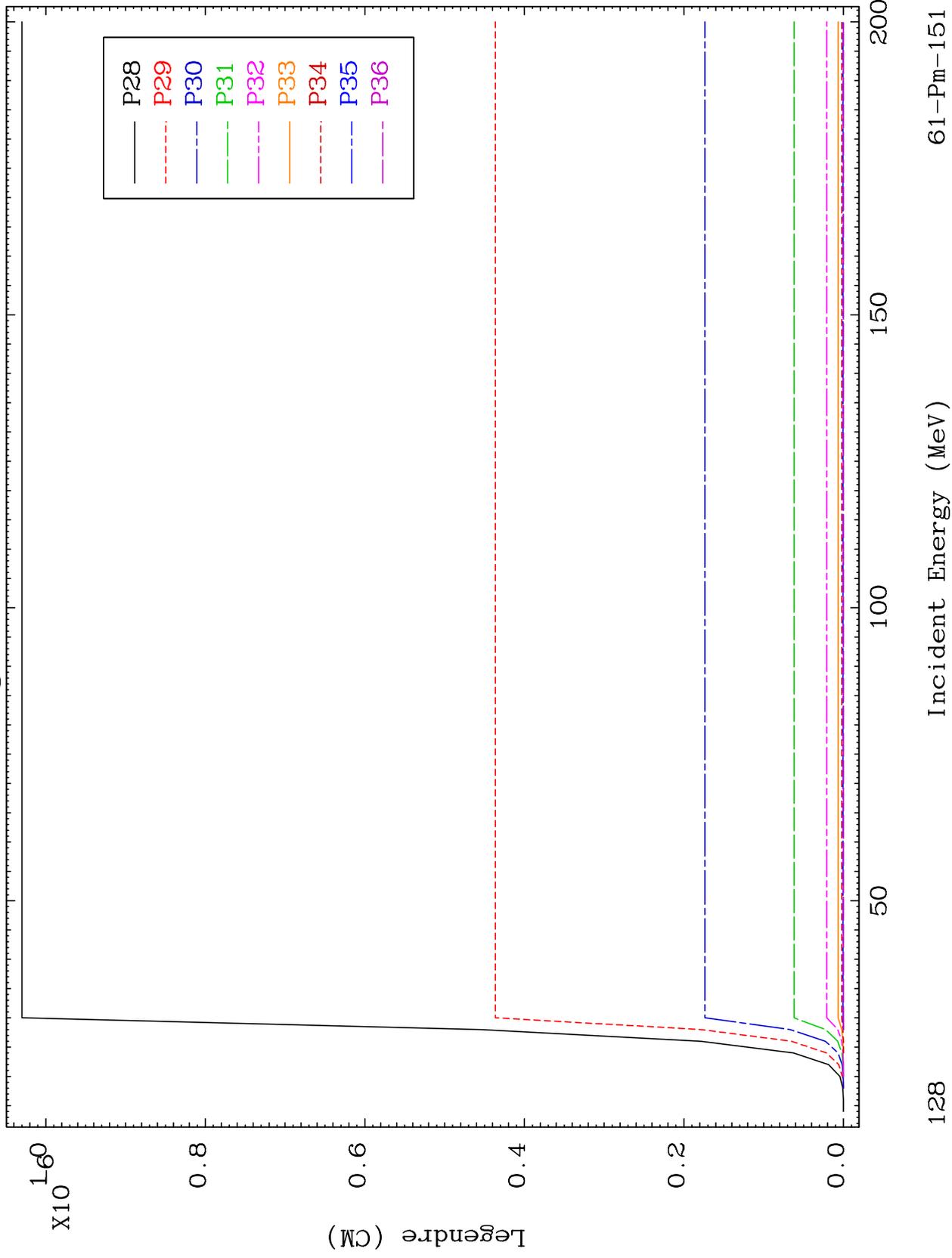
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MAT 6161

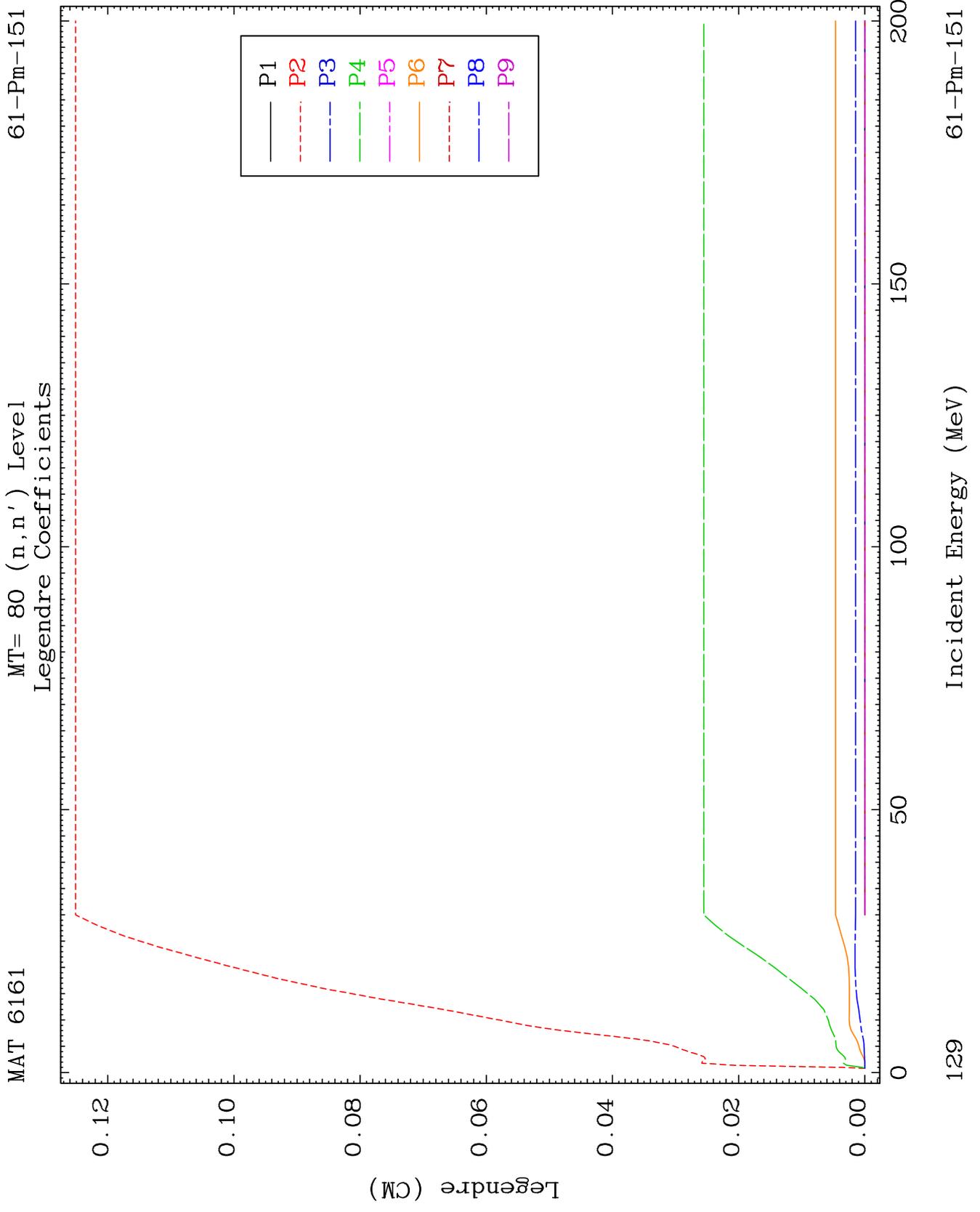
MT= 79 (n,n') Level
Legendre Coefficients

61-Pm-151



128

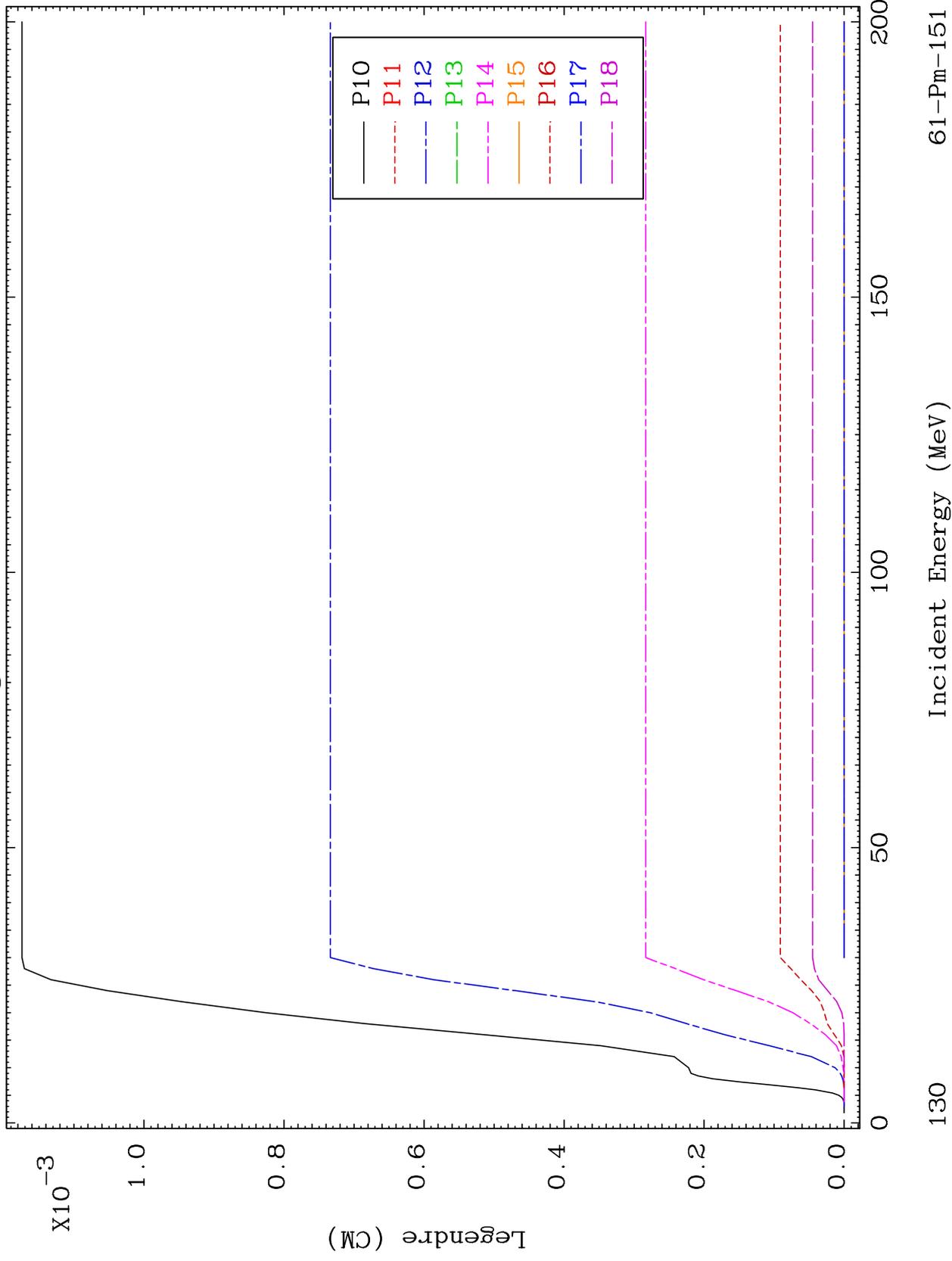
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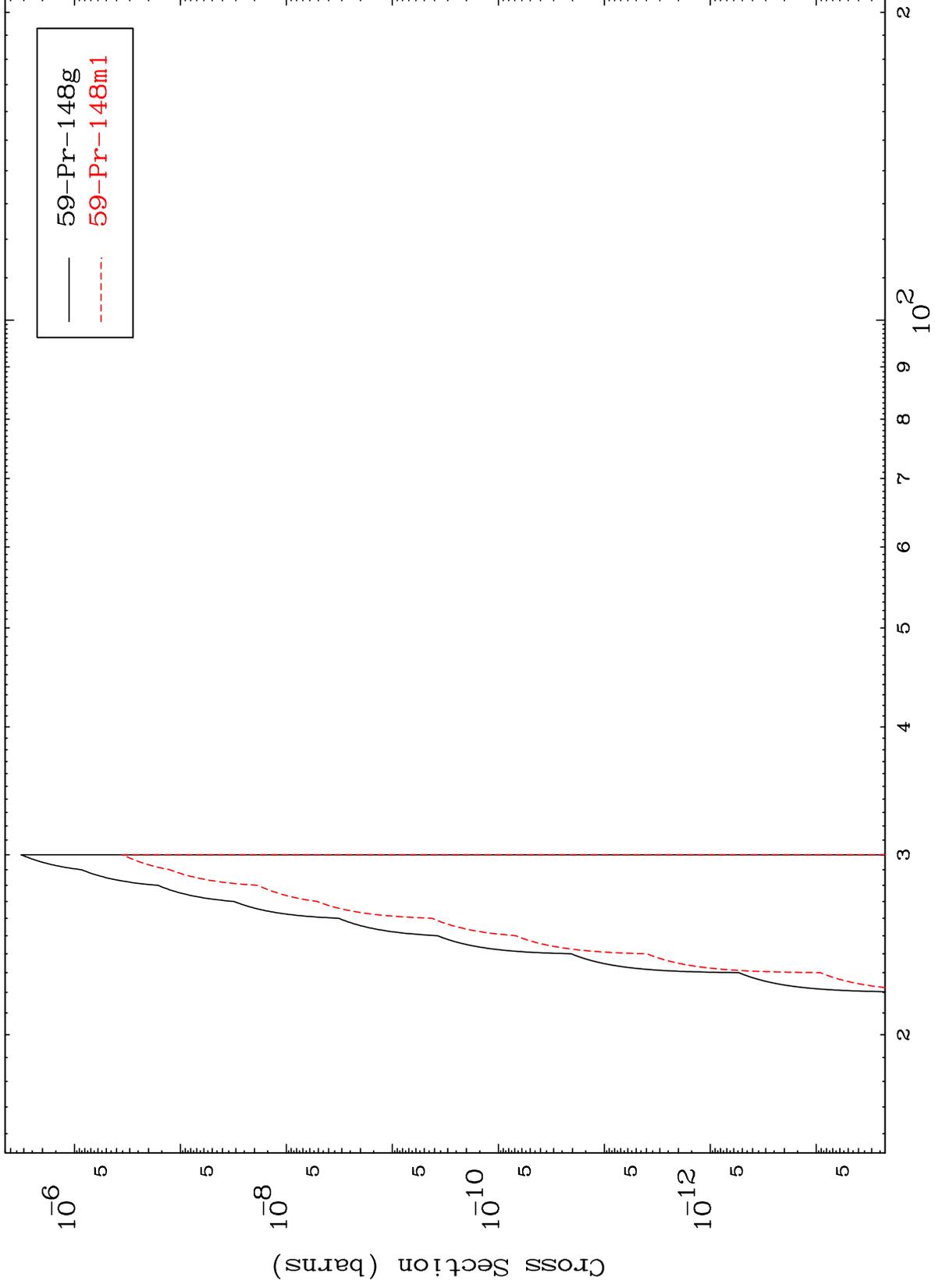
MAT 6161

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

61-Pm-151



Radionuclide Production Cross Section

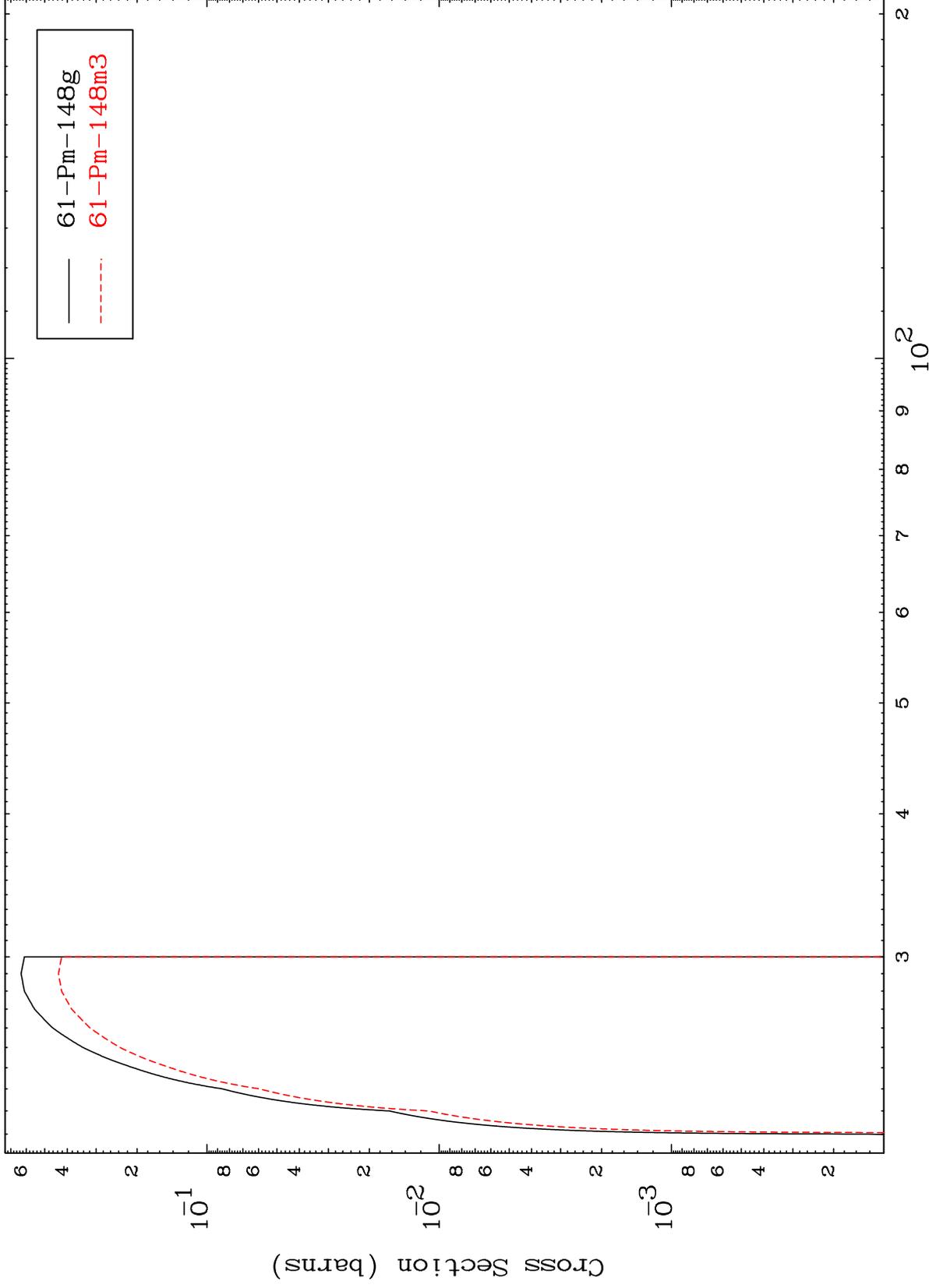


MAT 6161

(n,4n)

61-Pm-151

Radionuclide Production Cross Section



133

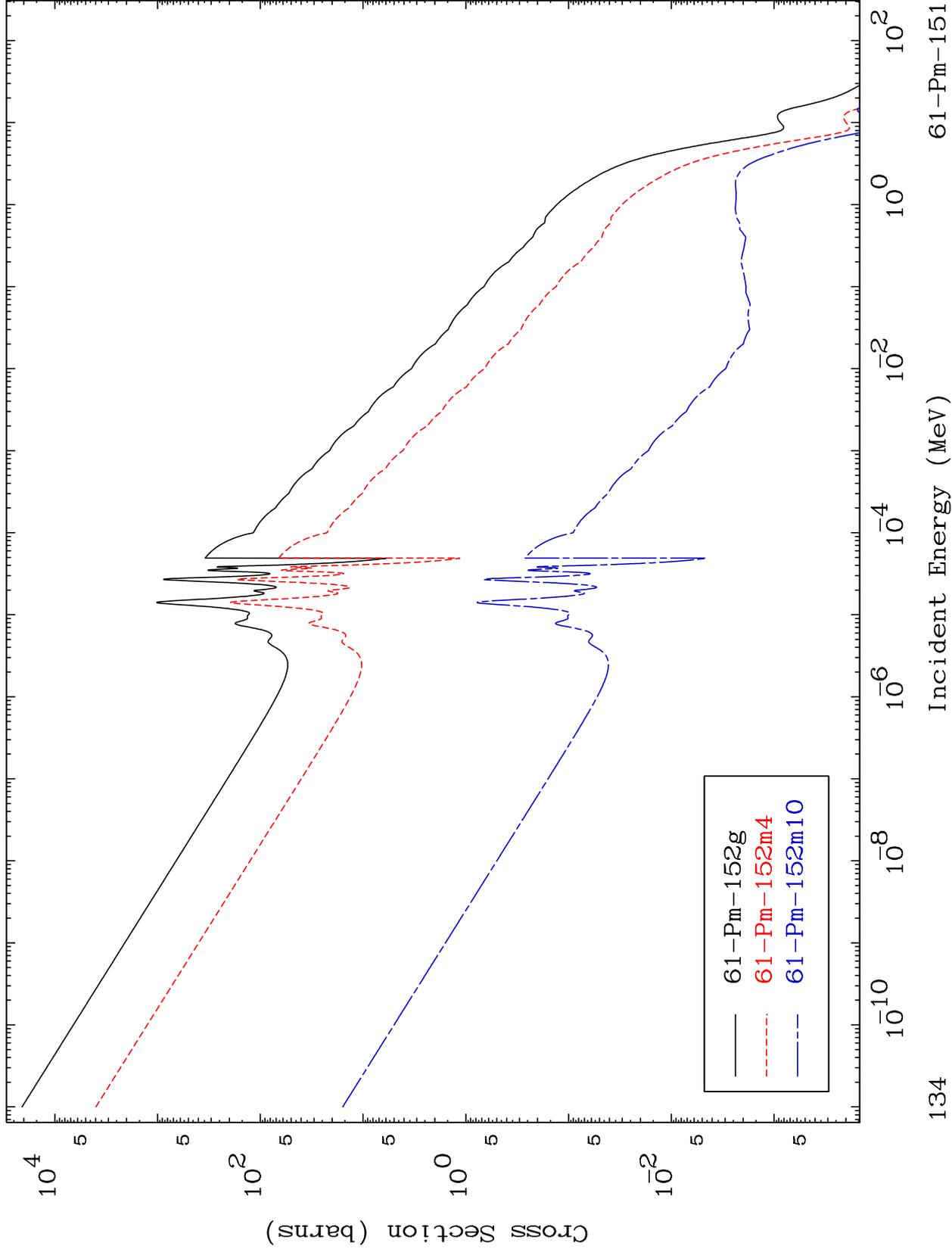
Incident Energy (MeV)

61-Pm-151

MAT 6161

61-Pm-151

(n, γ)
Radionuclide Production Cross Section



134

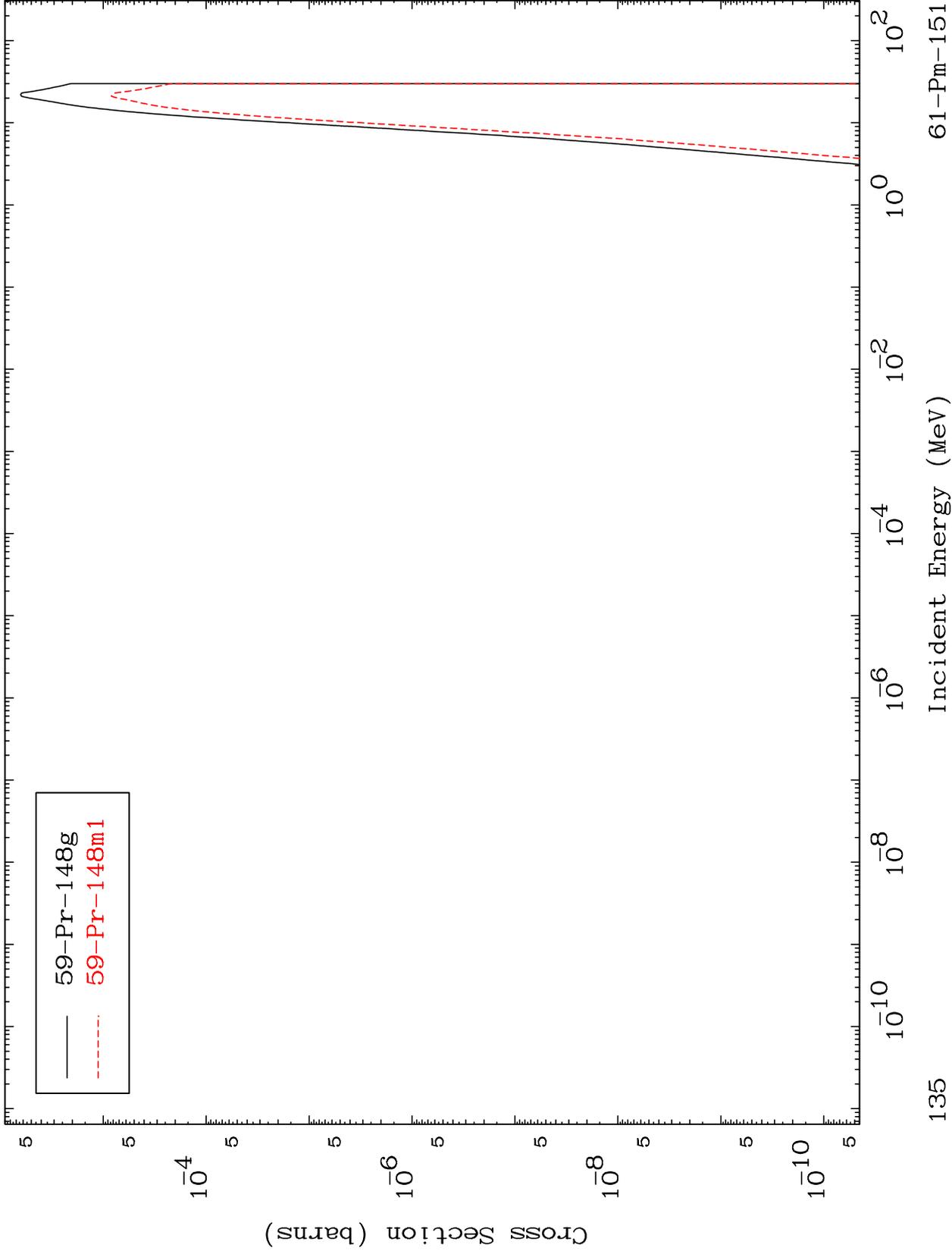
61-Pm-151

MAT 6161

(n, α)

61-Pm-151

Radionuclide Production Cross Section



135

Incident Energy (MeV)

61-Pm-151