

Program EVALPLOT  
(Version 2018-1)

by

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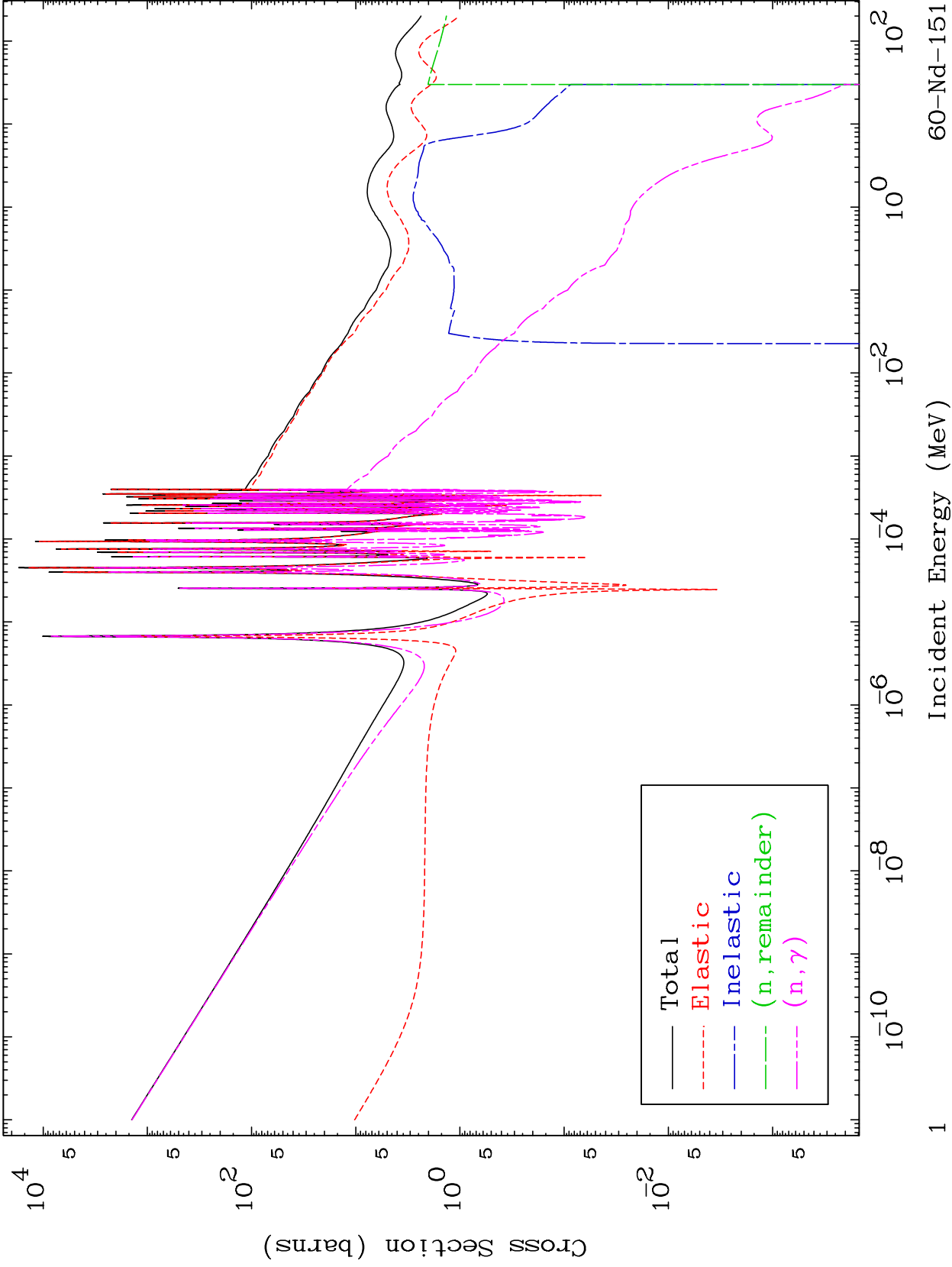
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6052

Major  
293 Kelvin Cross Sections

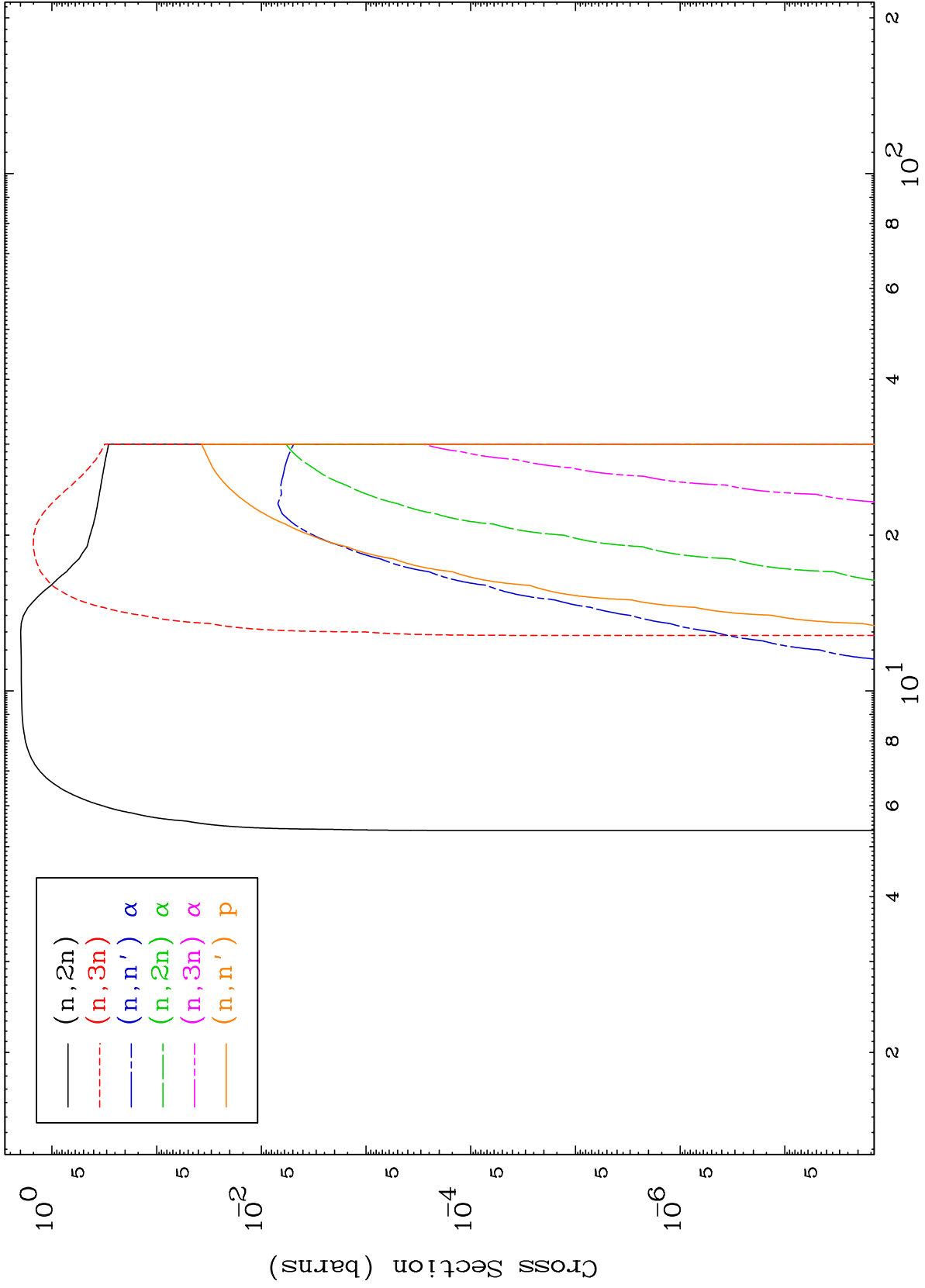
60-Nd-151

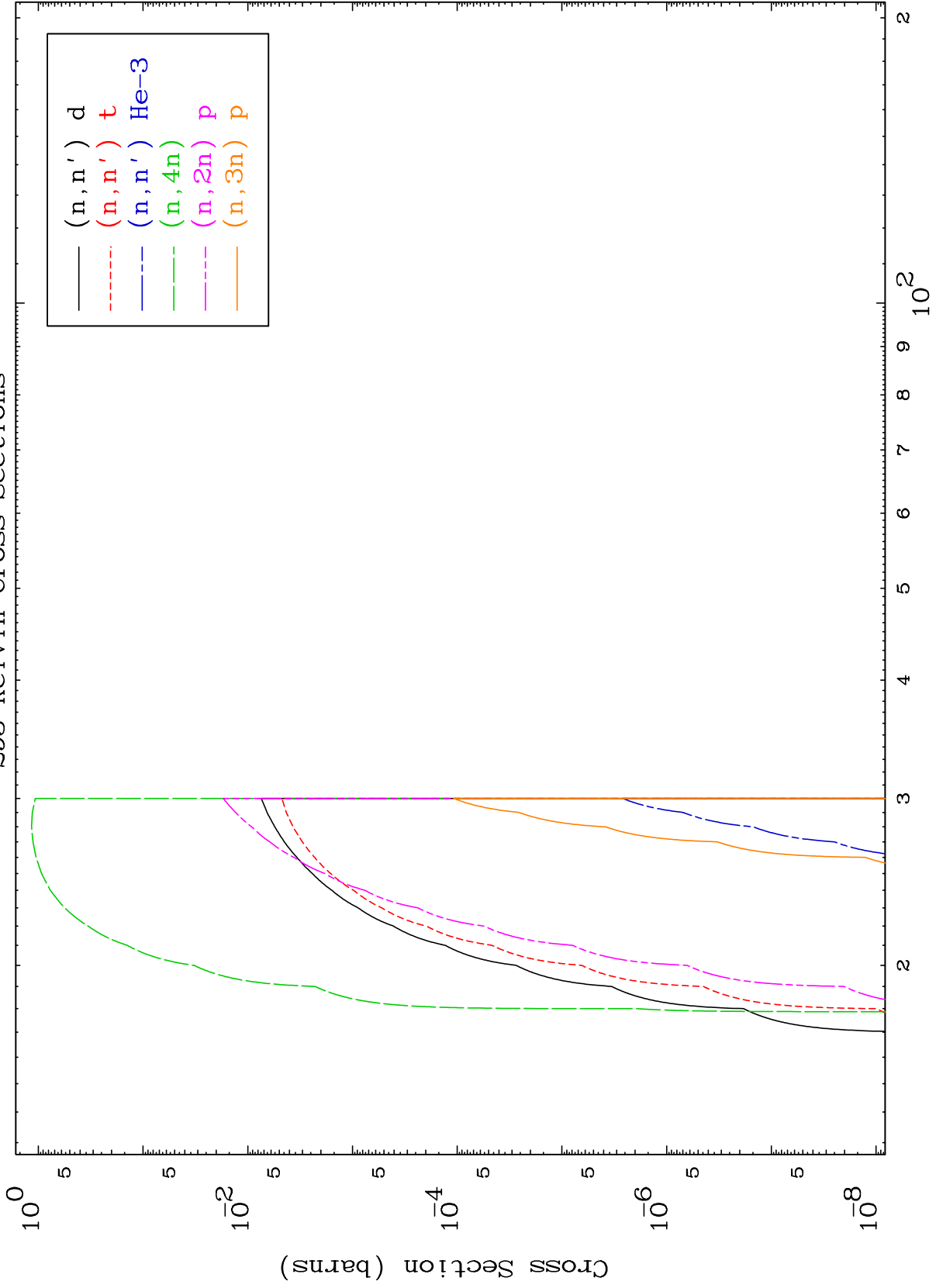


MAT 6052

Neutron Production  
293 Kelvin Cross Sections

60-Nd-151

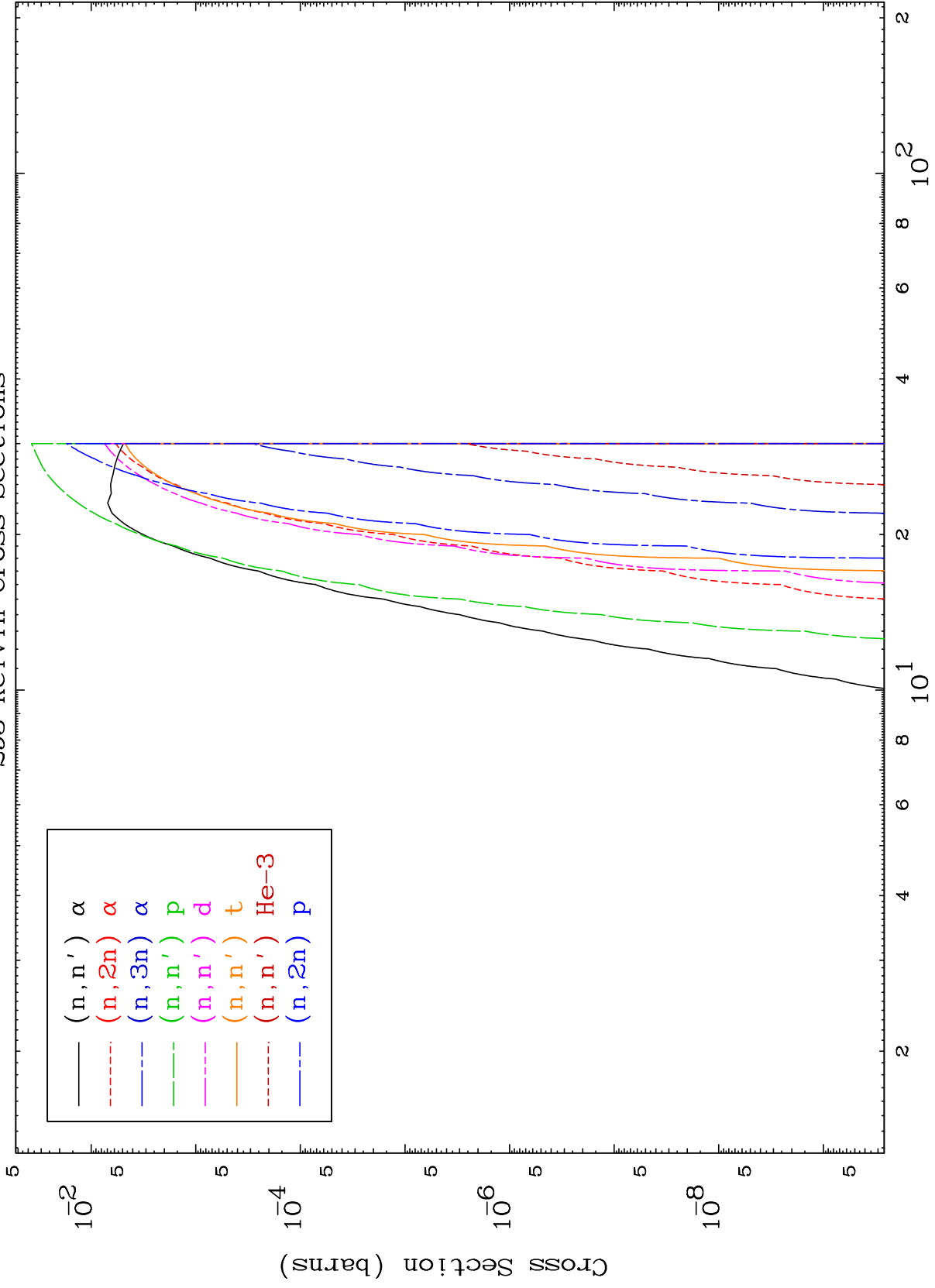




MAT 6052

Charged Particle  
293 Kelvin Cross Sections

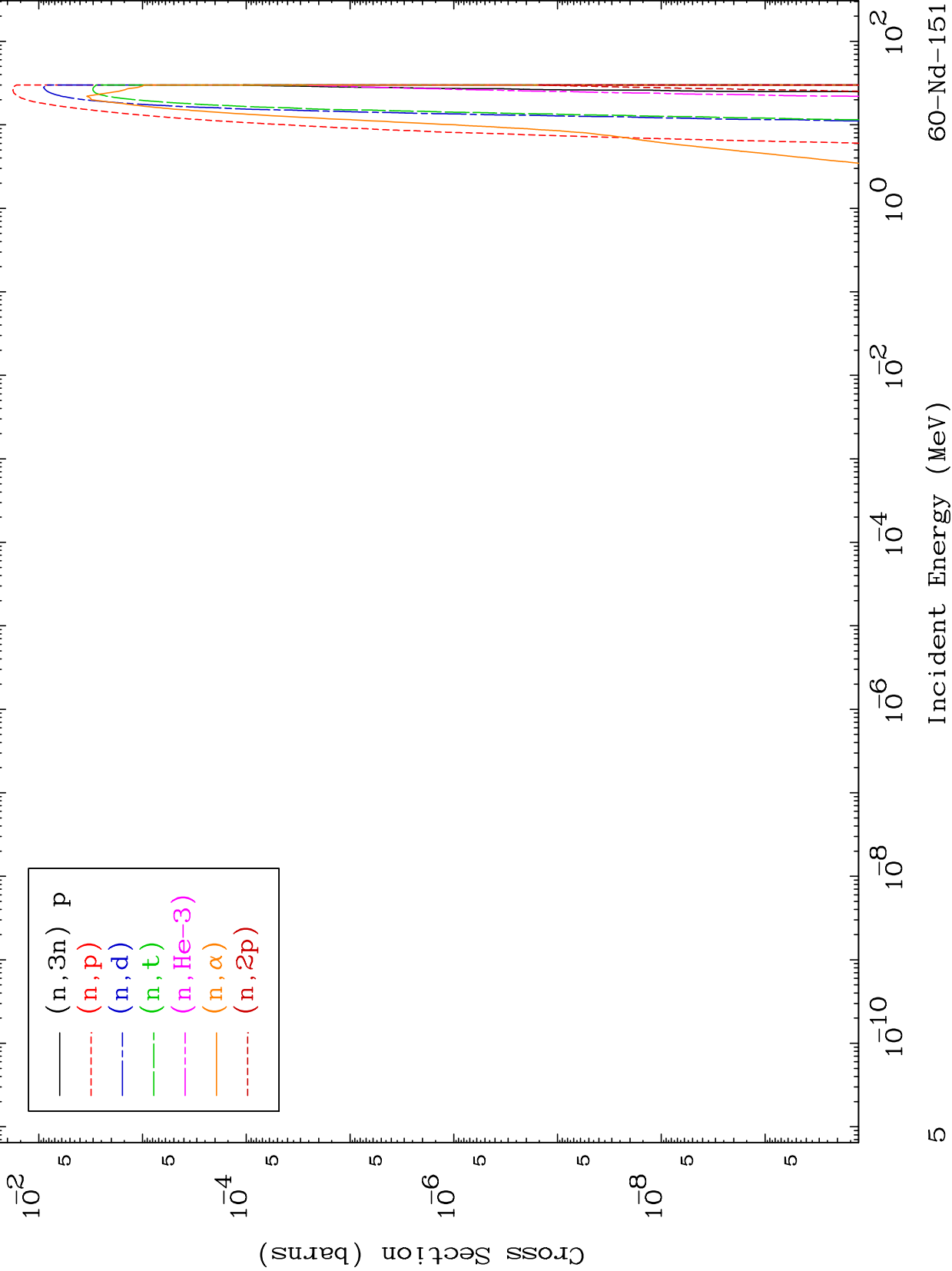
60-Nd-151



MAT 6052

Charged Particle  
293 Kelvin Cross Sections

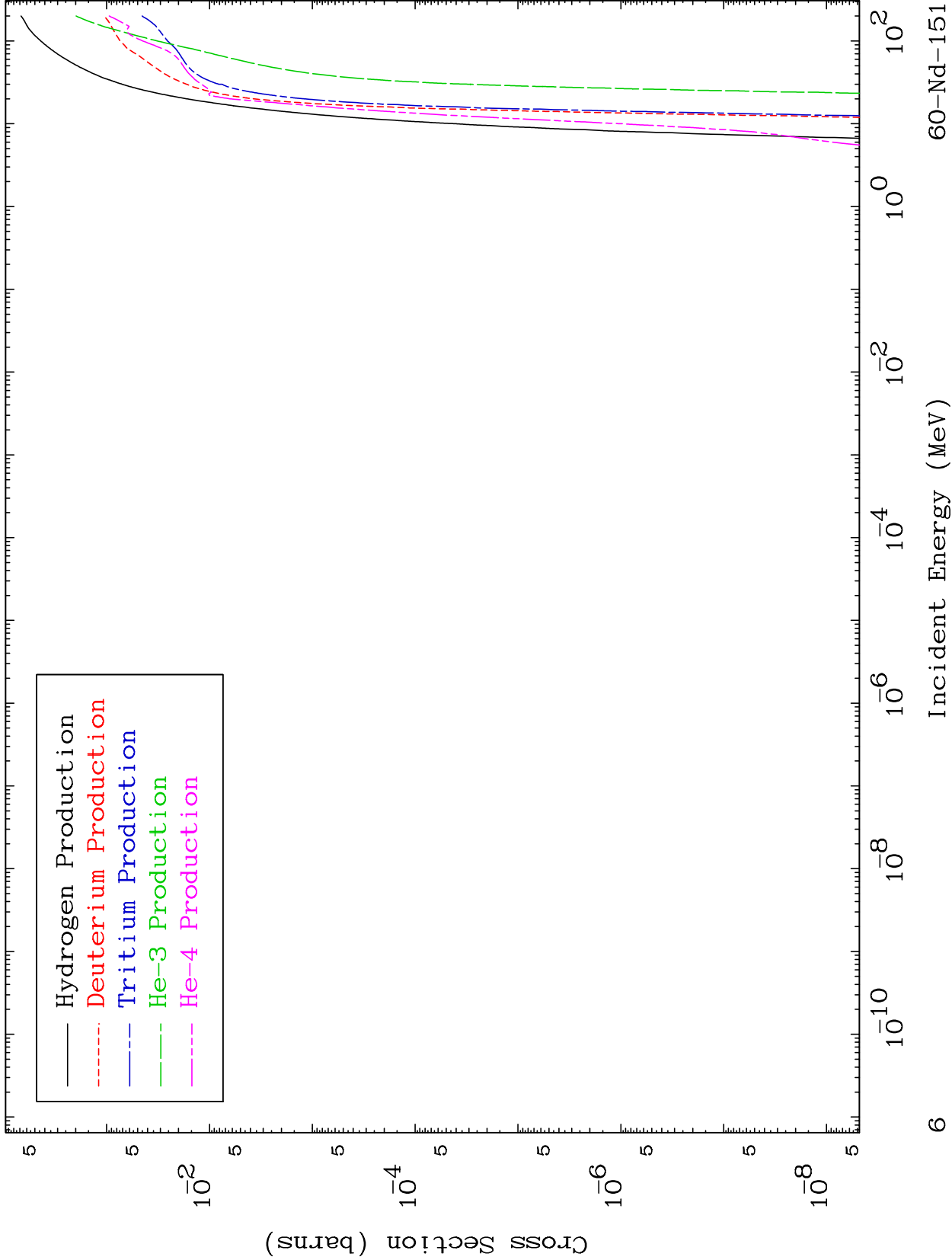
60-Nd-151



MAT 6052

Particle Production  
293 Kelvin Cross Sections

60-Nd-151

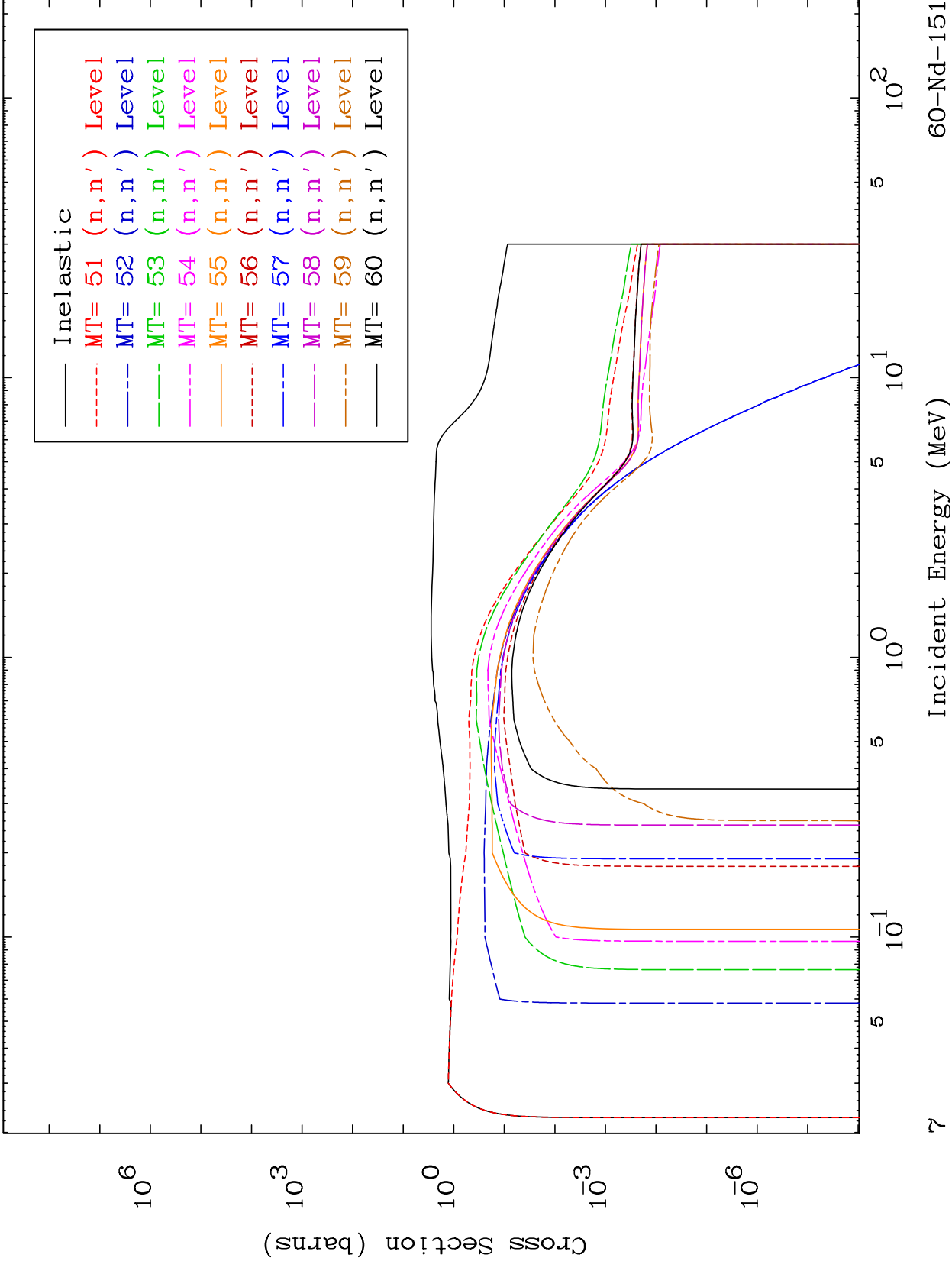


MAT 6052

(n,n') Level

60-Nd-151

293 Kelvin Cross Sections



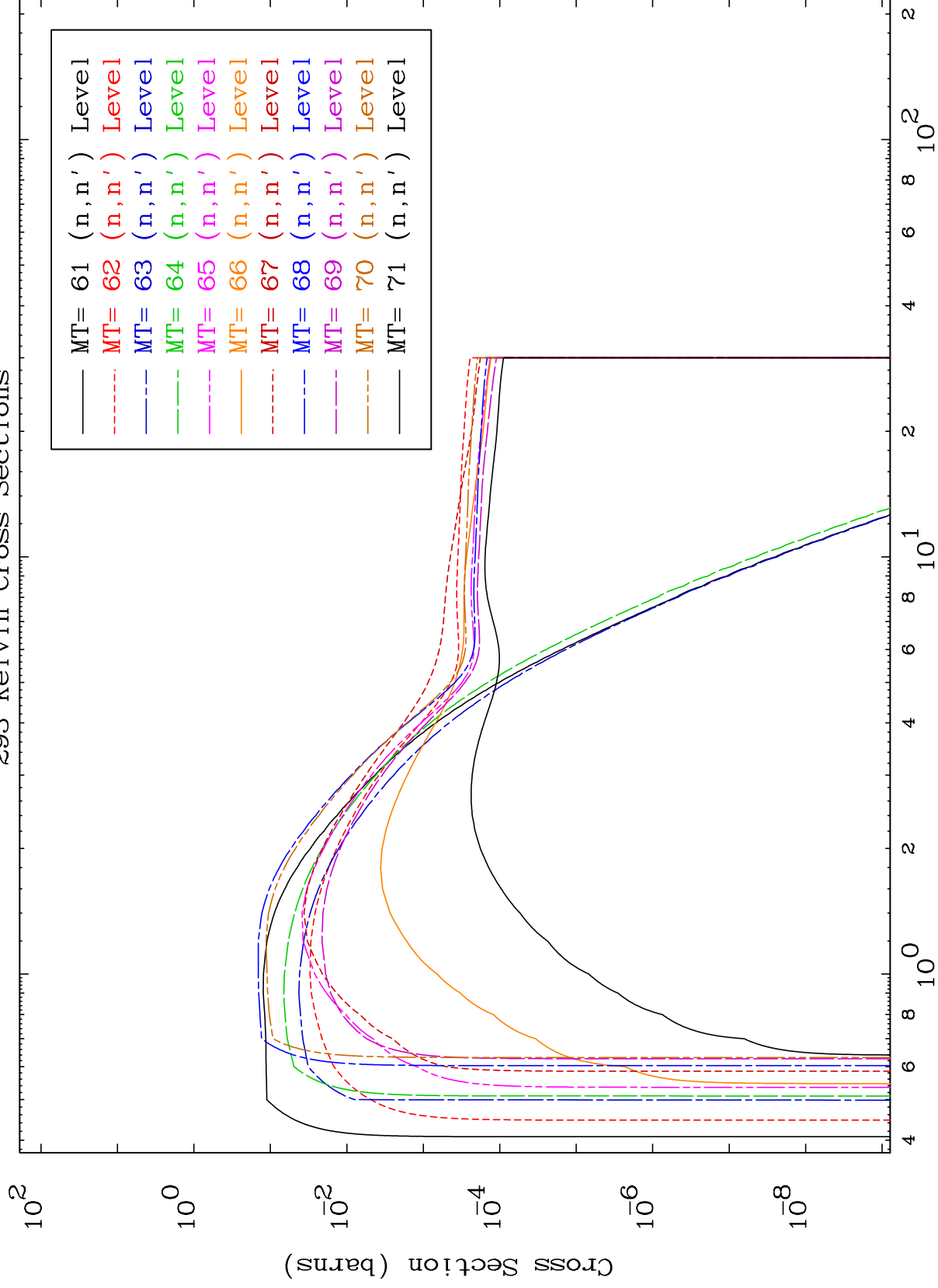


MAT 6052

(n,n') Level

60-Nd-151

293 Kelvin Cross Sections

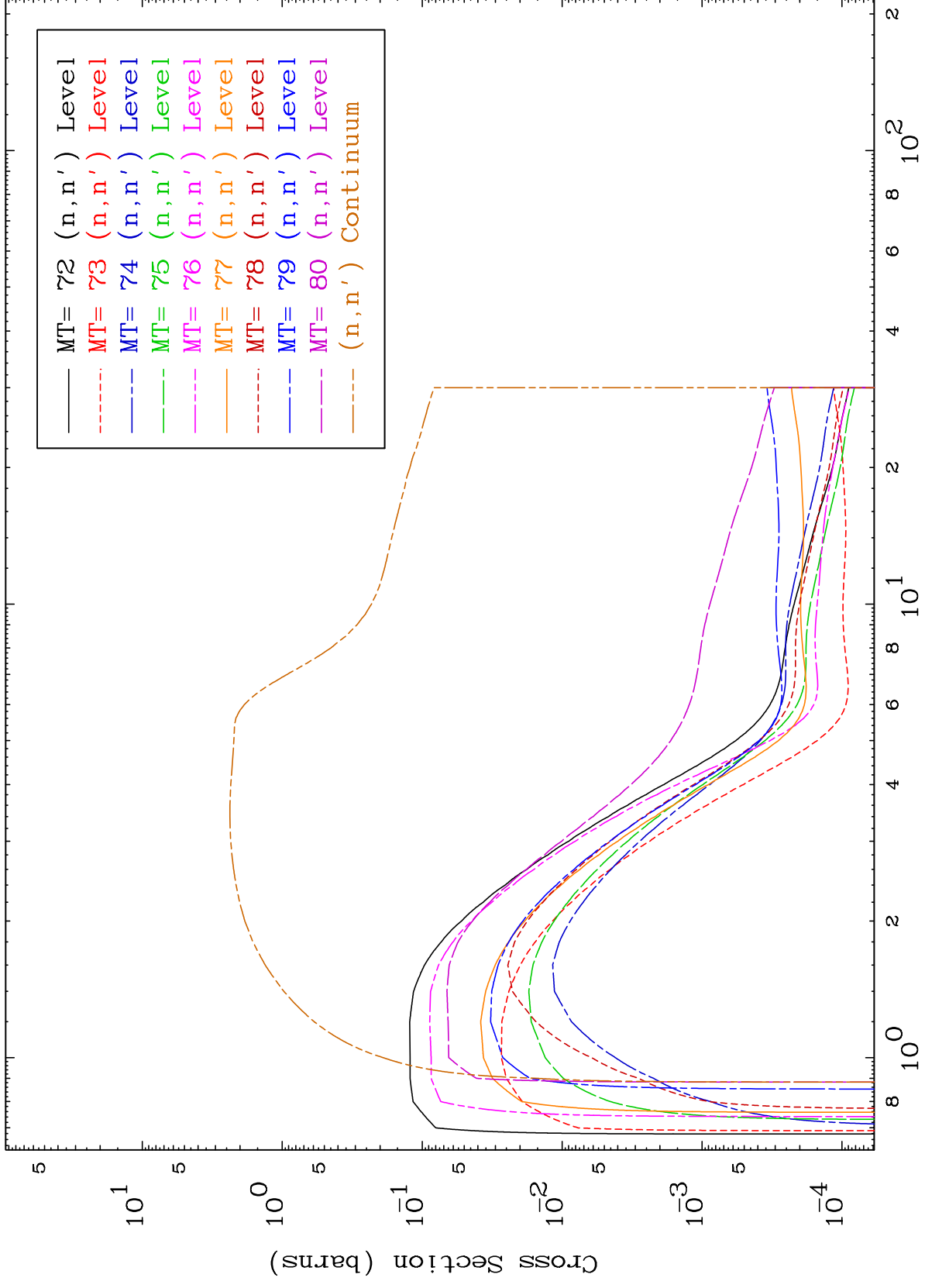


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Incident Energy (MeV)

60-Nd-151

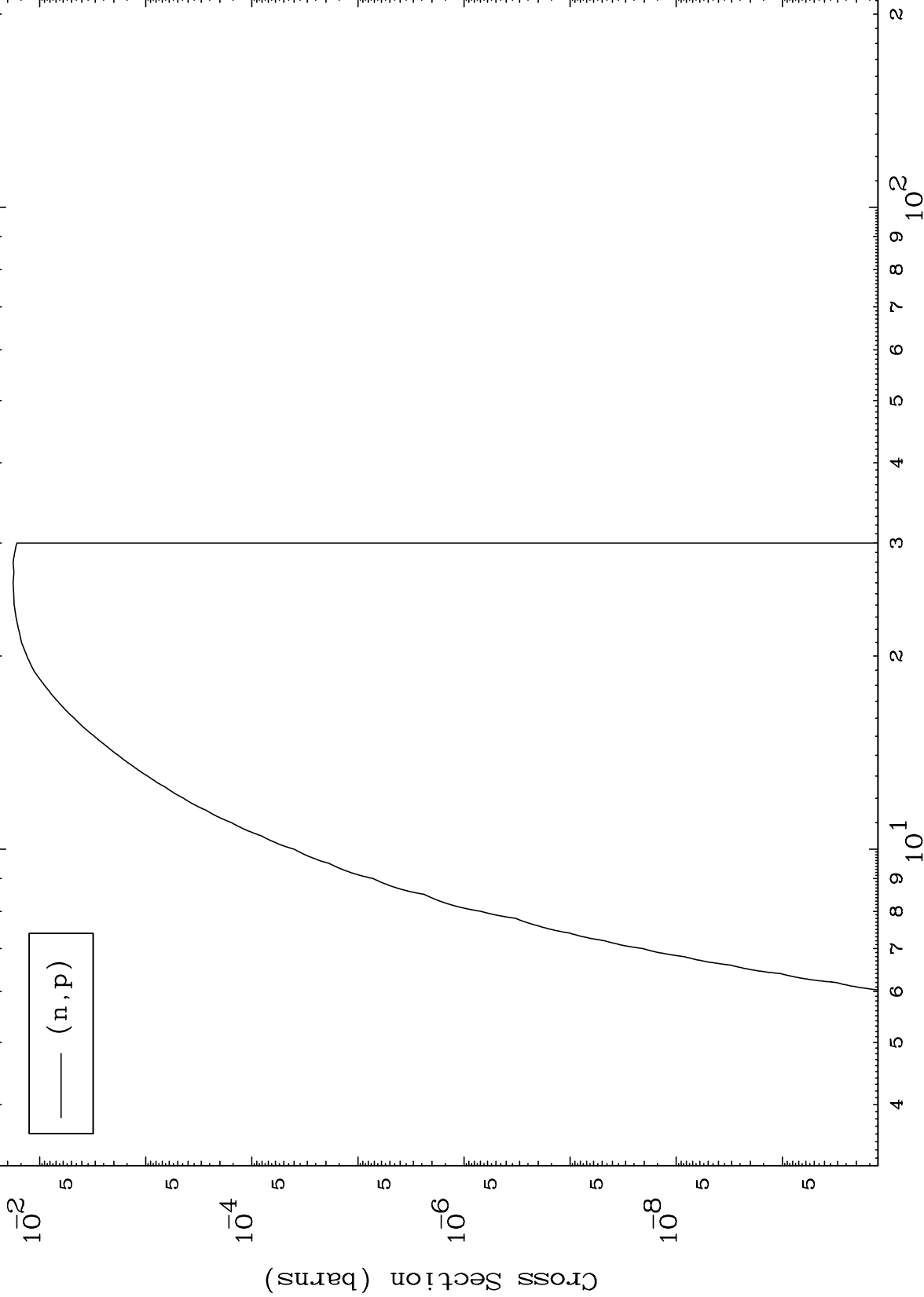
293 Kelvin Cross Sections



MAT 6052

(n,p) Levels  
293 Kelvin Cross Sections

60-Nd-151



10

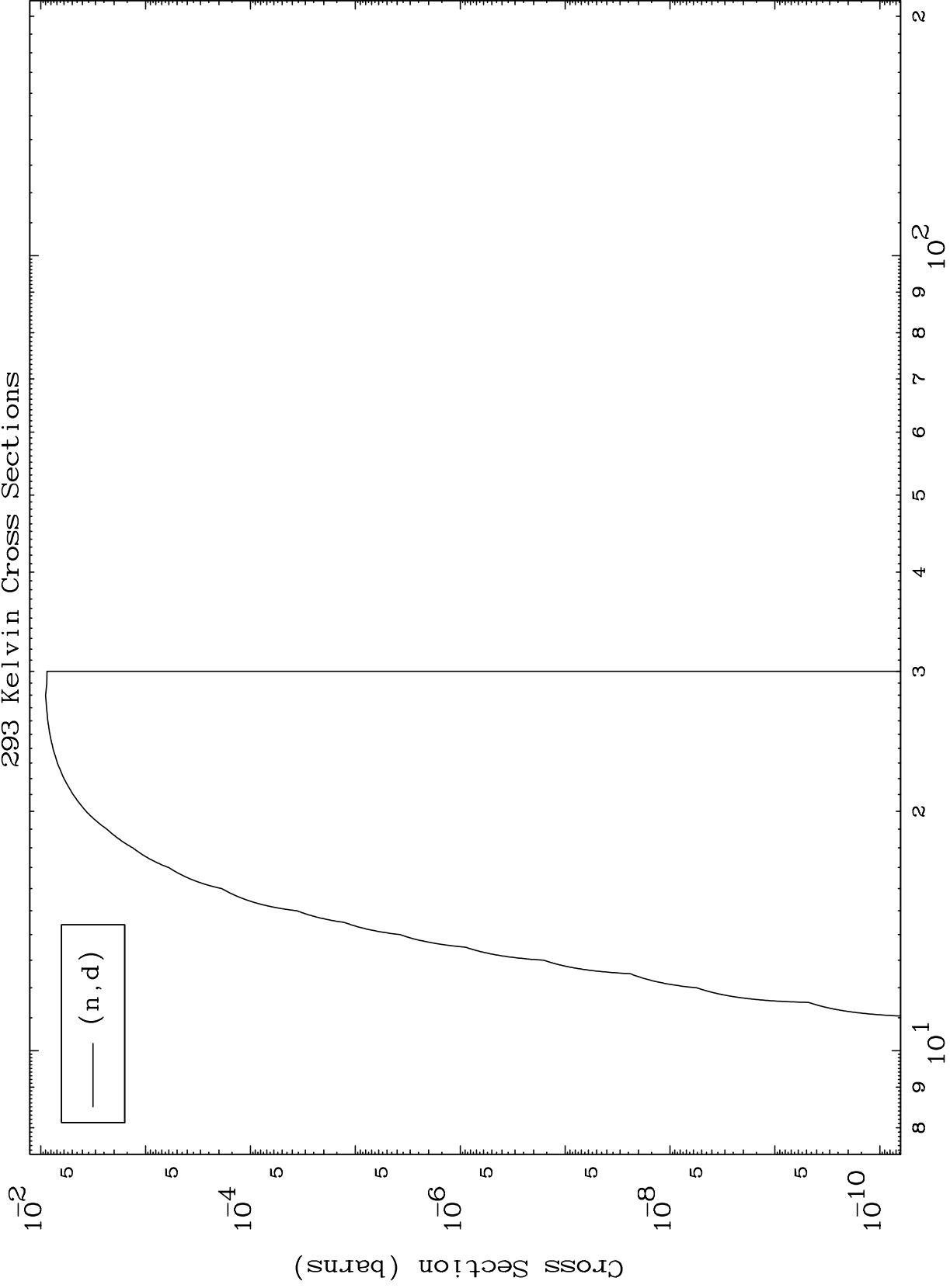
Incident Energy (MeV)

60-Nd-151

MAT 6052

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-151



11

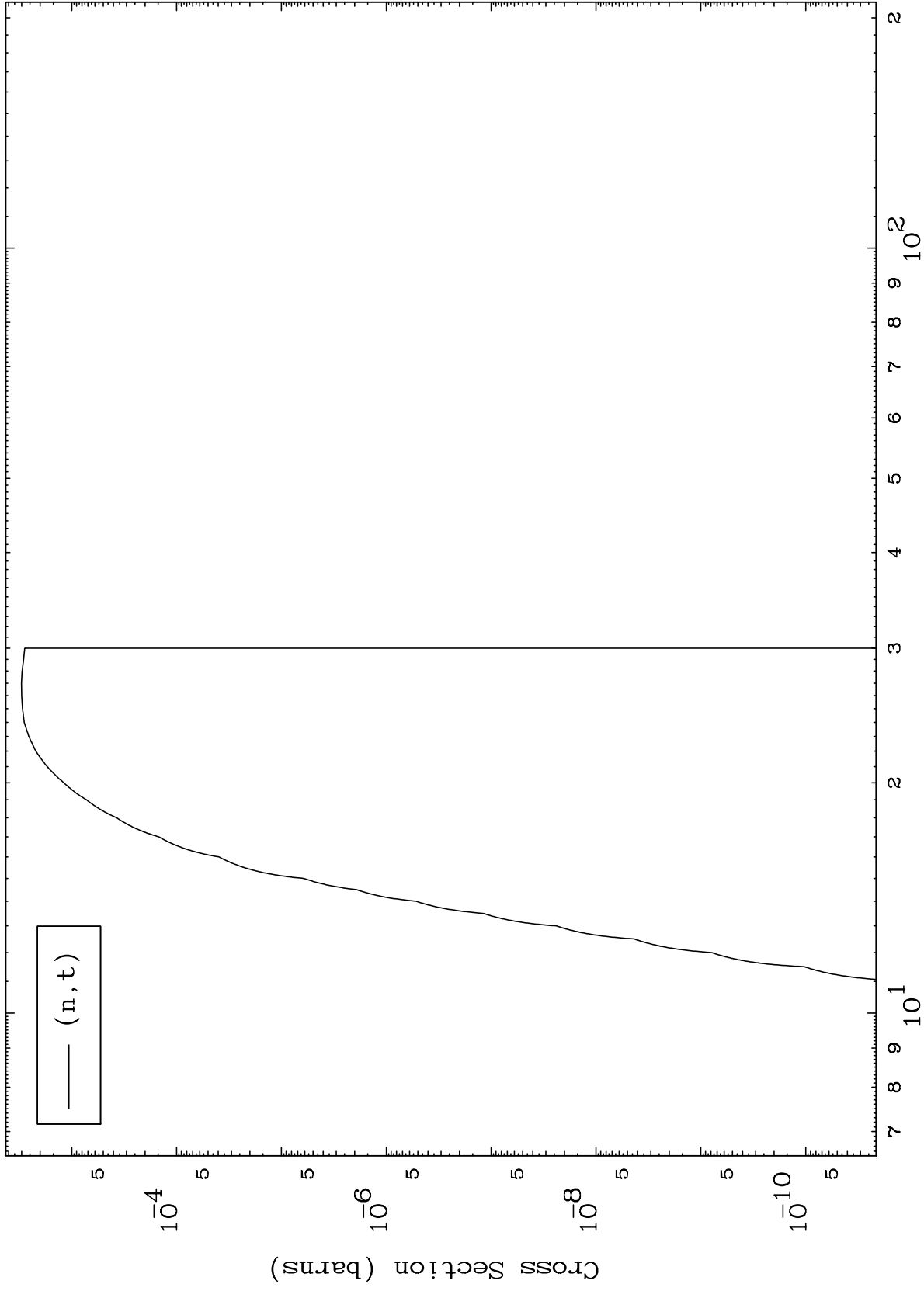
Incident Energy (MeV)

60-Nd-151

MAT 6052

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-151



12

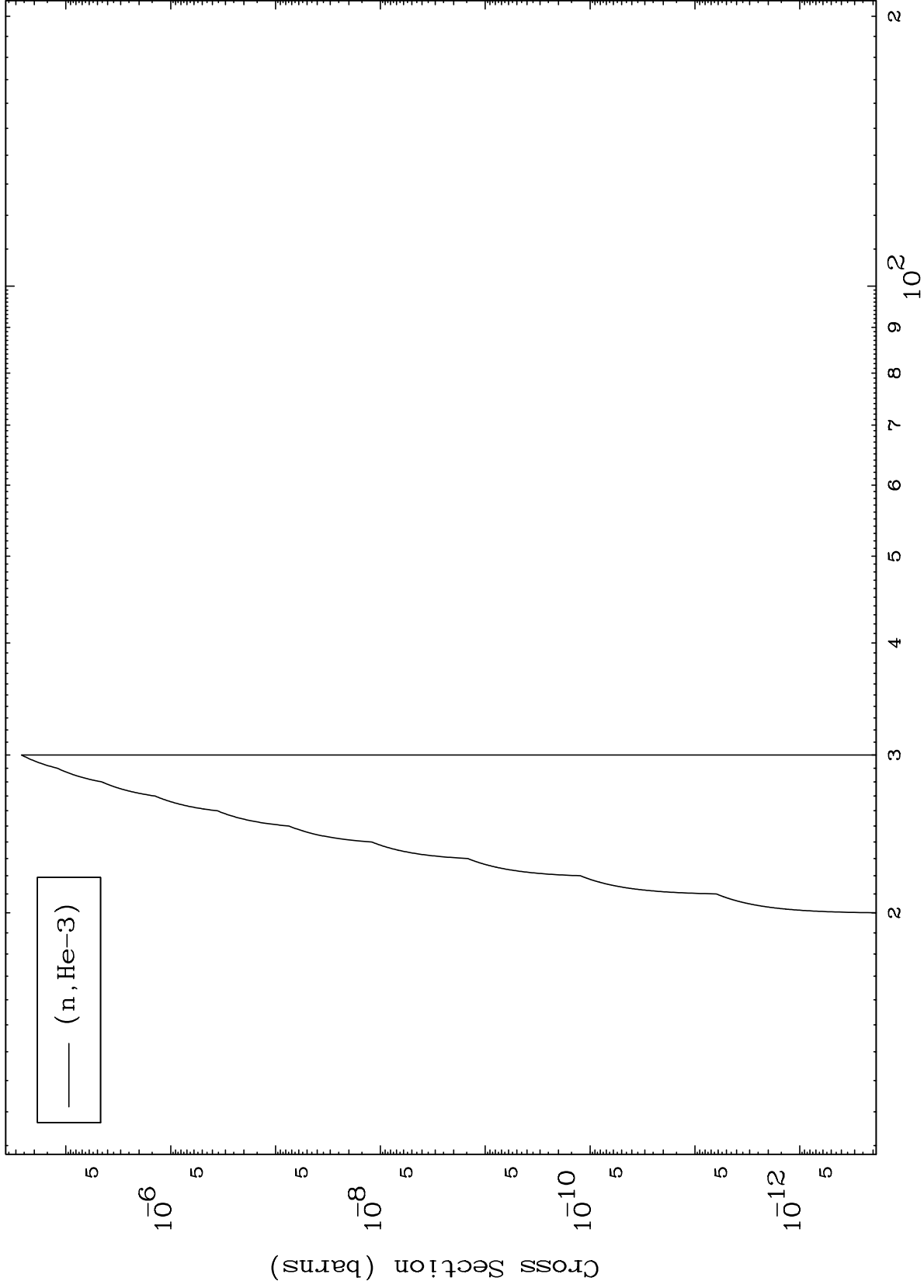
Incident Energy (MeV)

60-Nd-151

MAT 6052

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-151



13

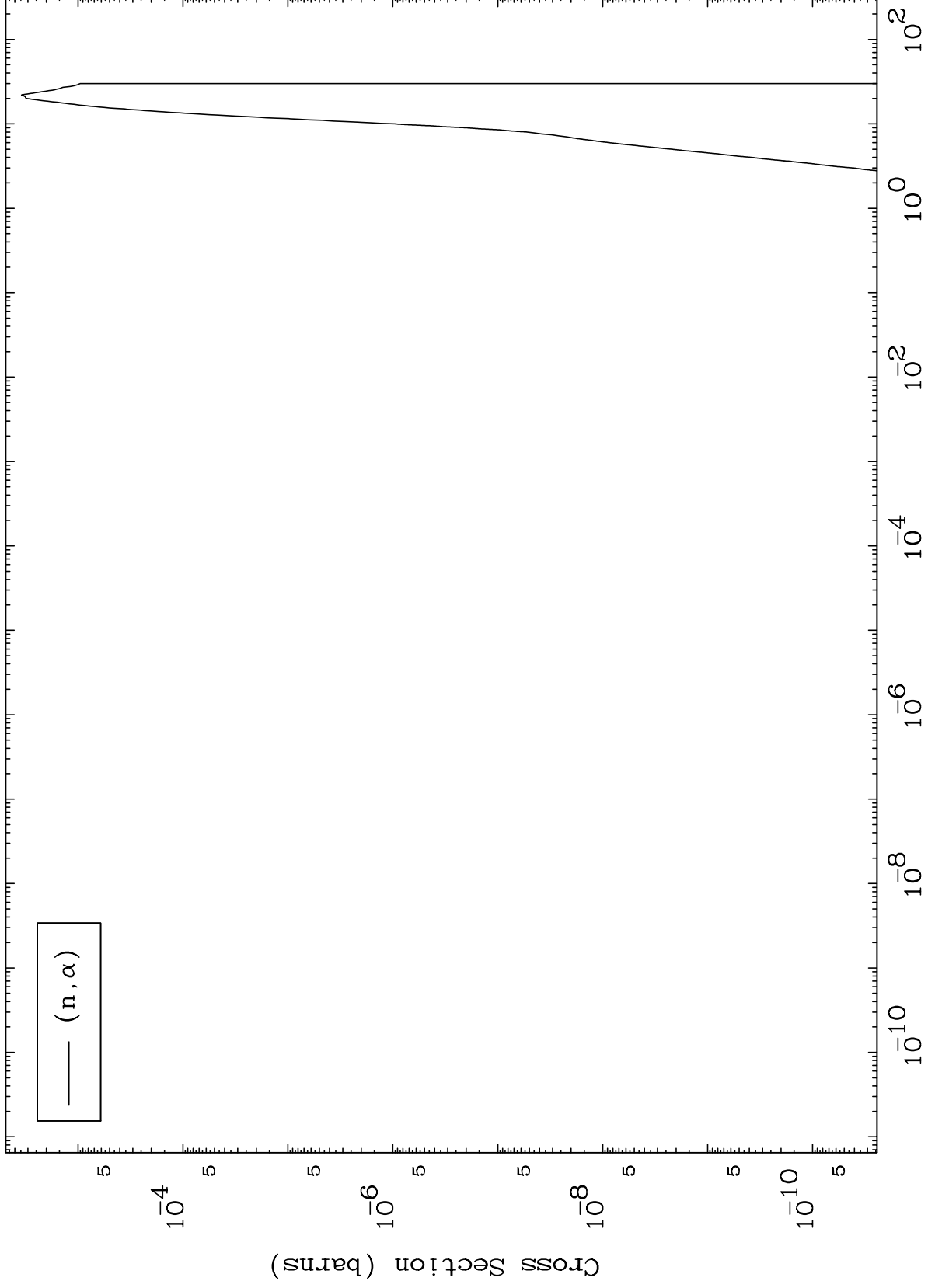
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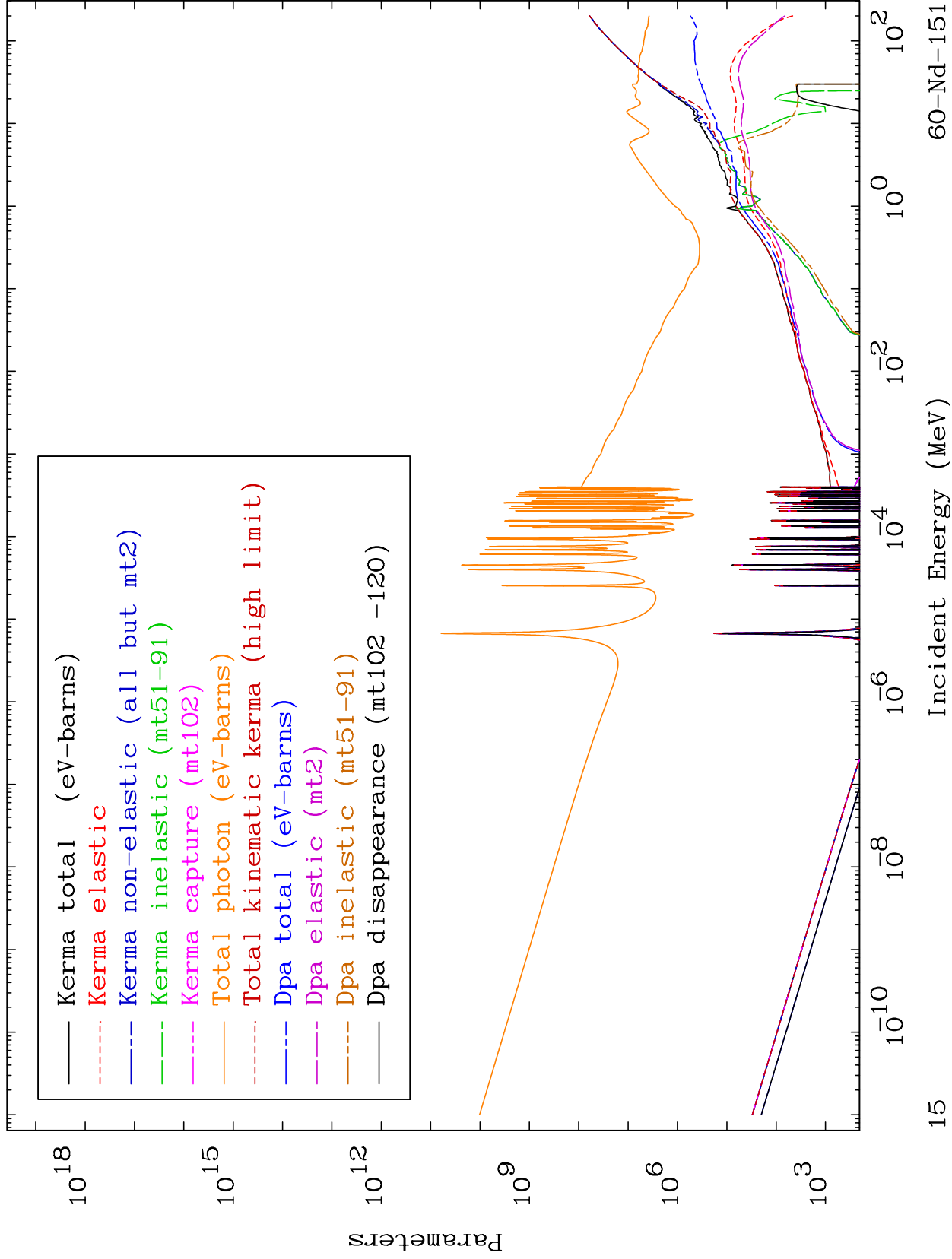
60-Nd-151

MAT 6052

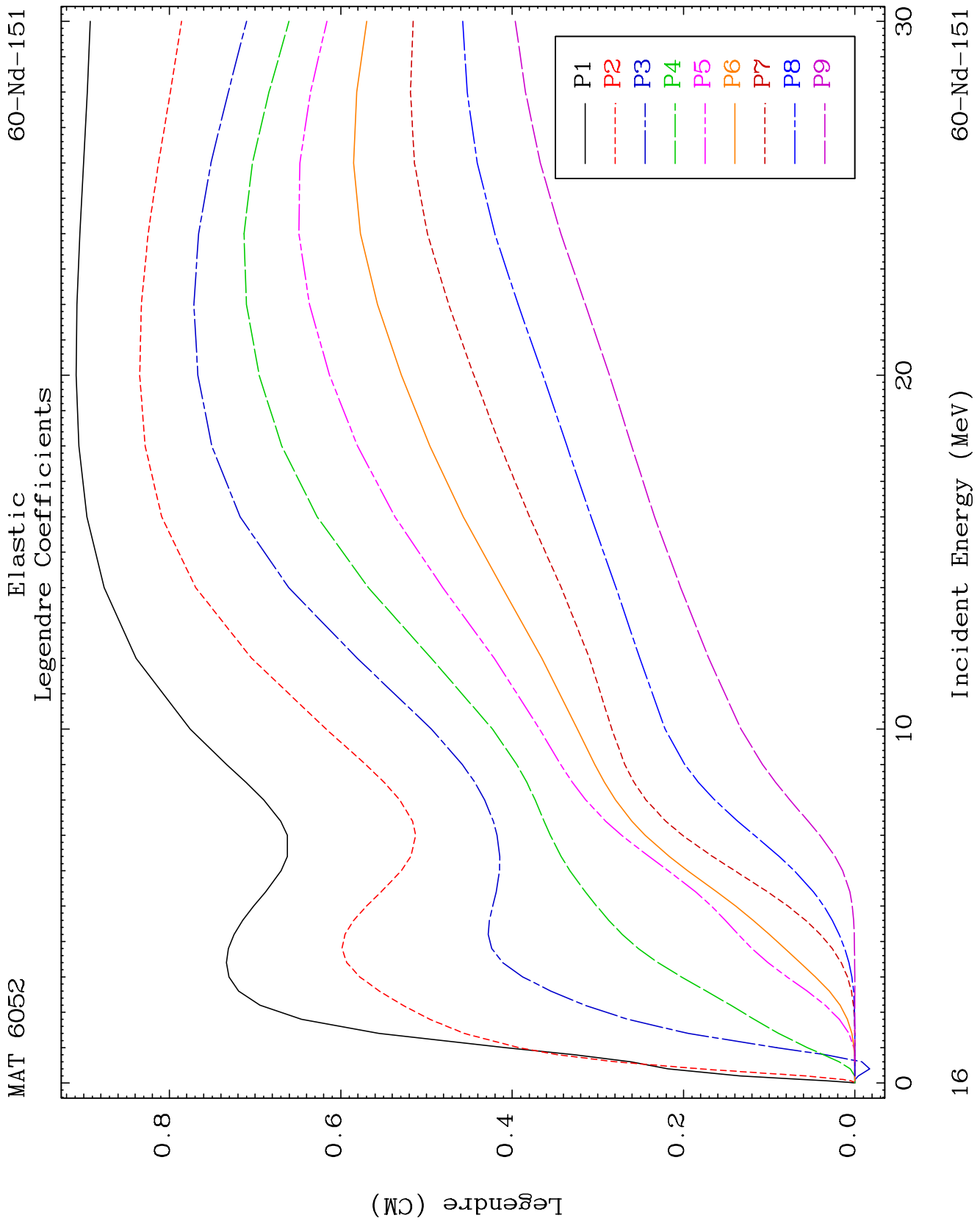
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

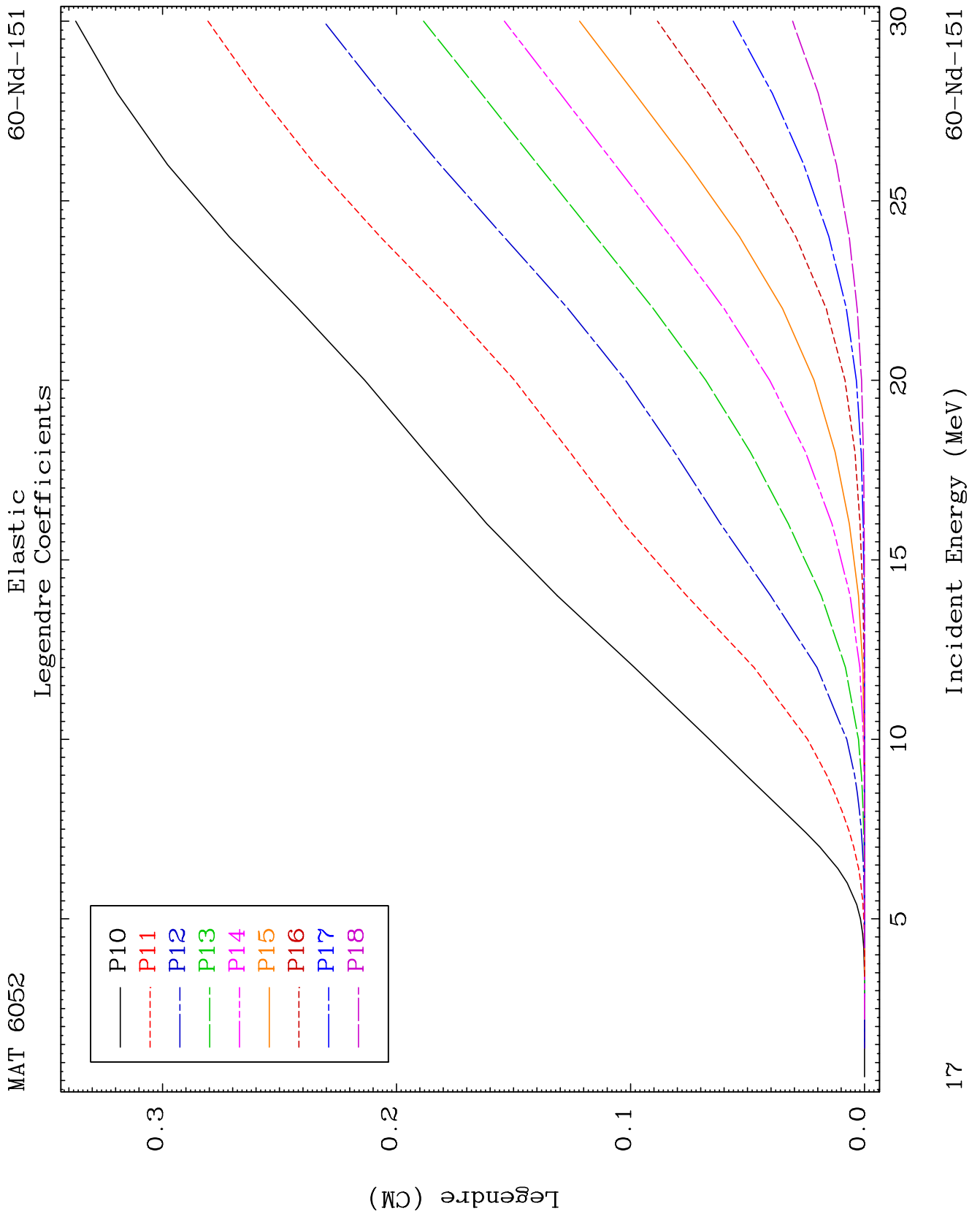
60-Nd-151







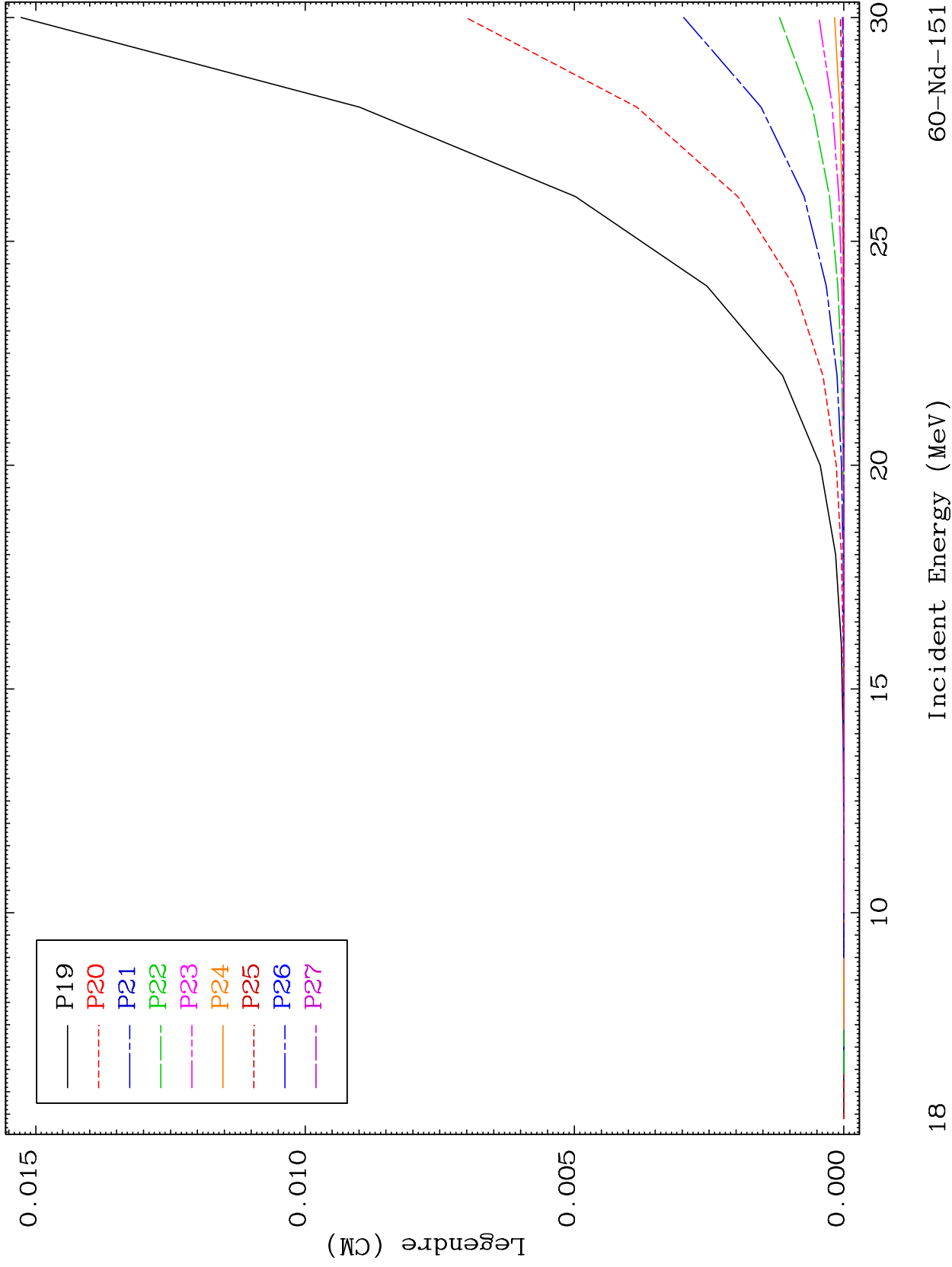




MAT 6052

Elastic  
Legendre Coefficients

60-Nd-151



18

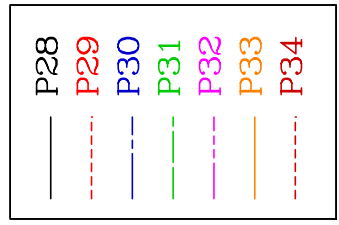
Incident Energy (MeV)

60-Nd-151

MAT 6052

Elastic Legendre Coefficients

60-Nd-151



$\times 10^{-6}$   
2.0  
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

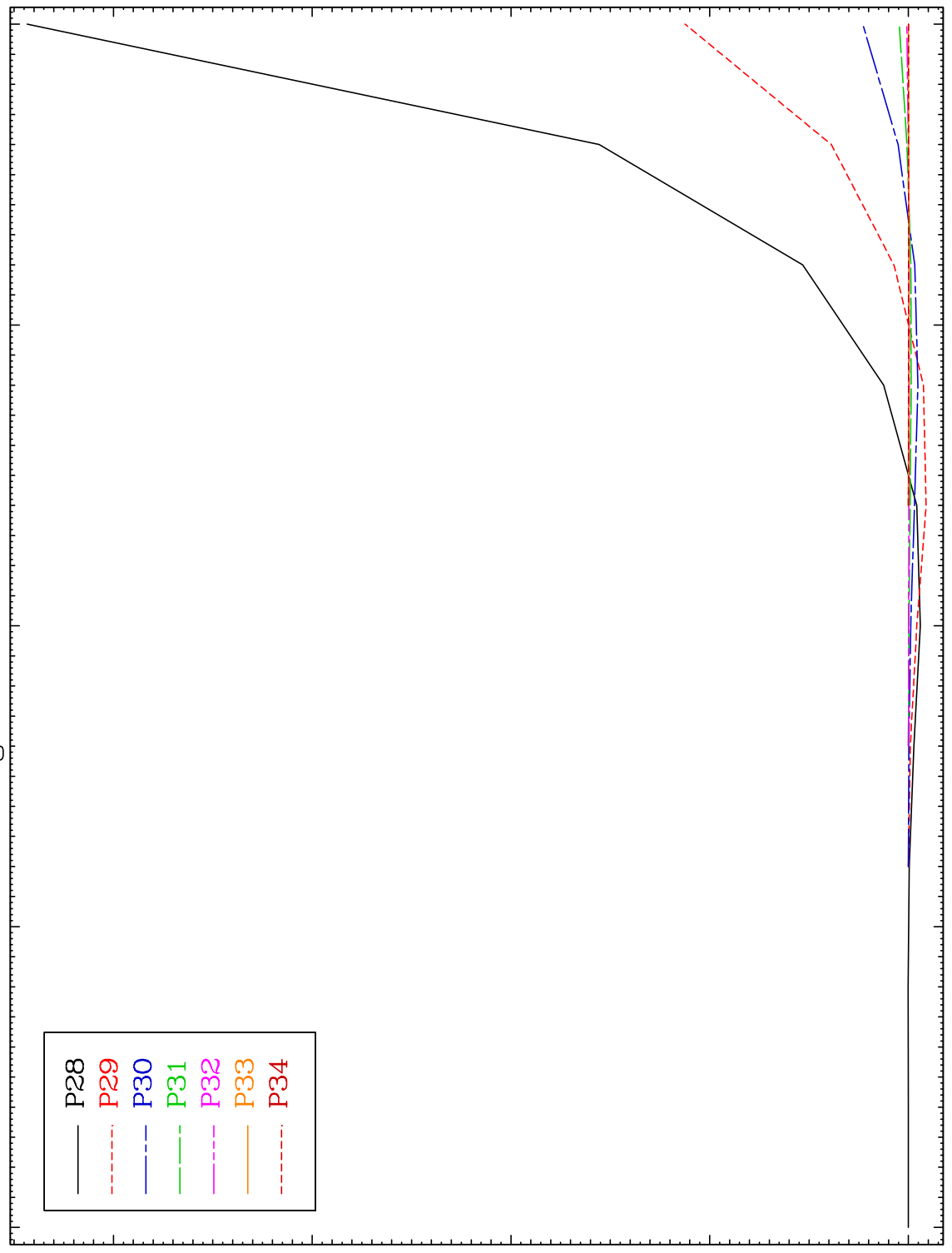
25

30

19

Incident Energy (MeV)

60-Nd-151

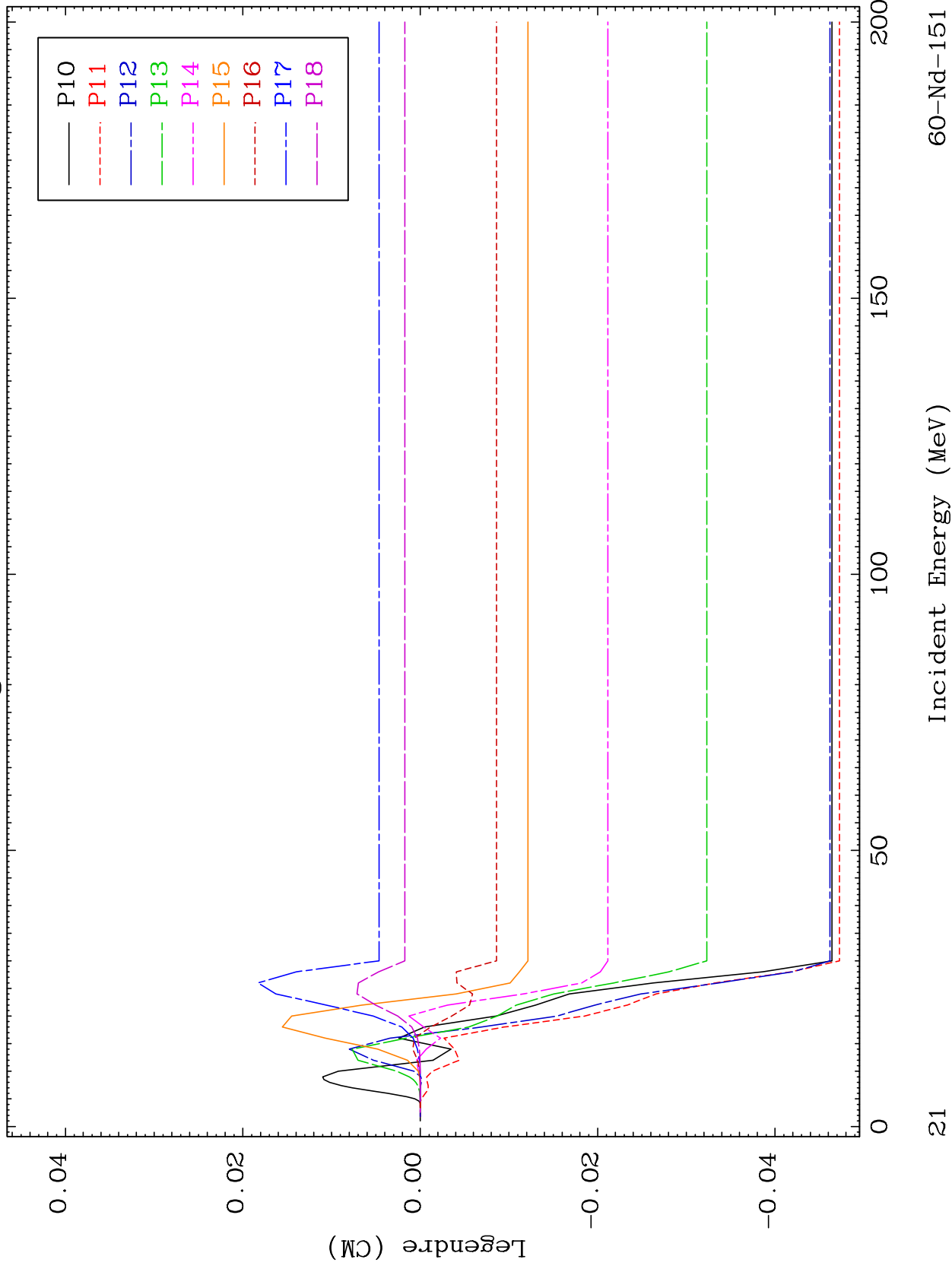




MAT 6052

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

60-Nd-151



21

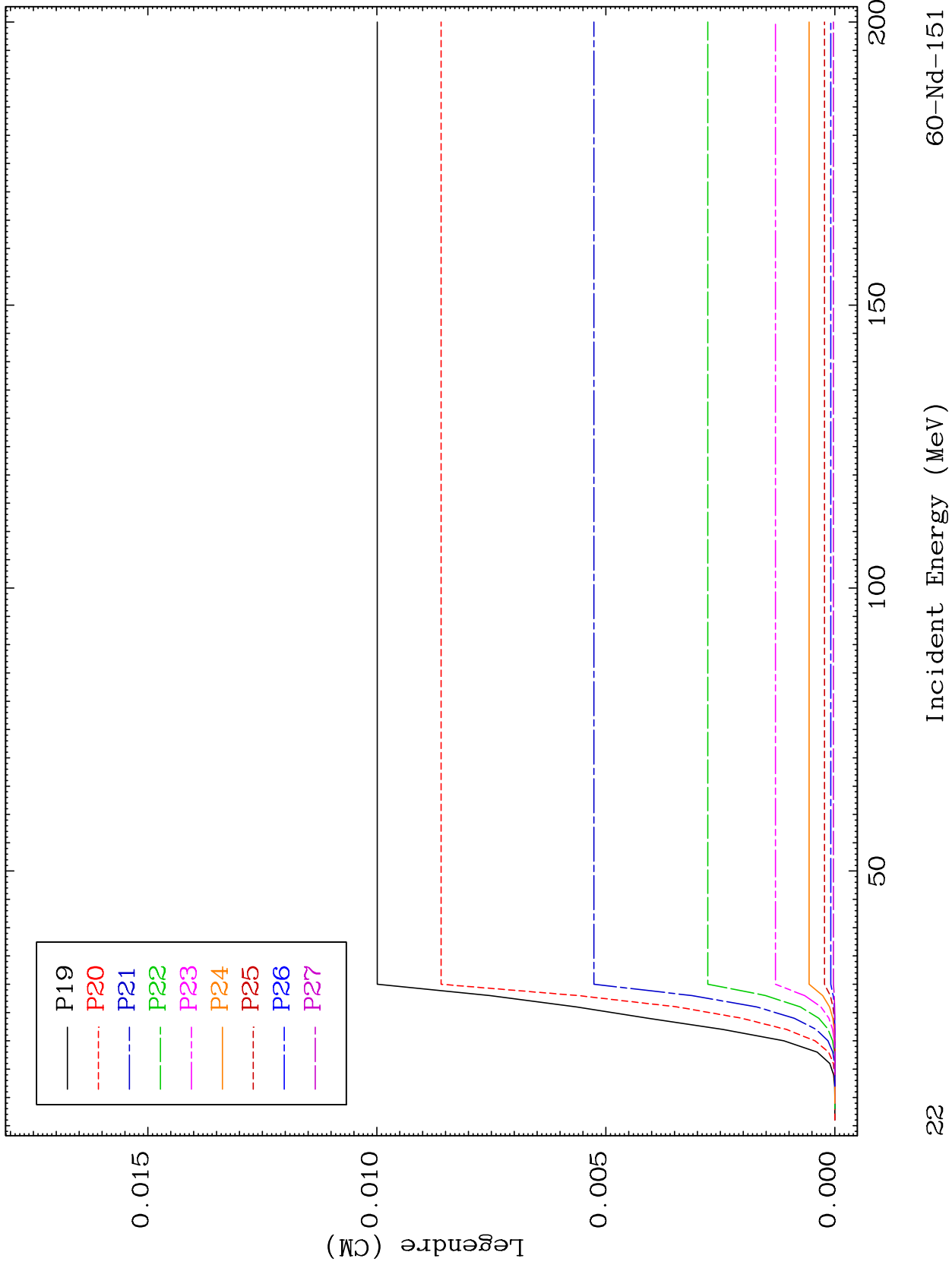
Incident Energy (MeV)

60-Nd-151

MAT 6052

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

60-Nd-151



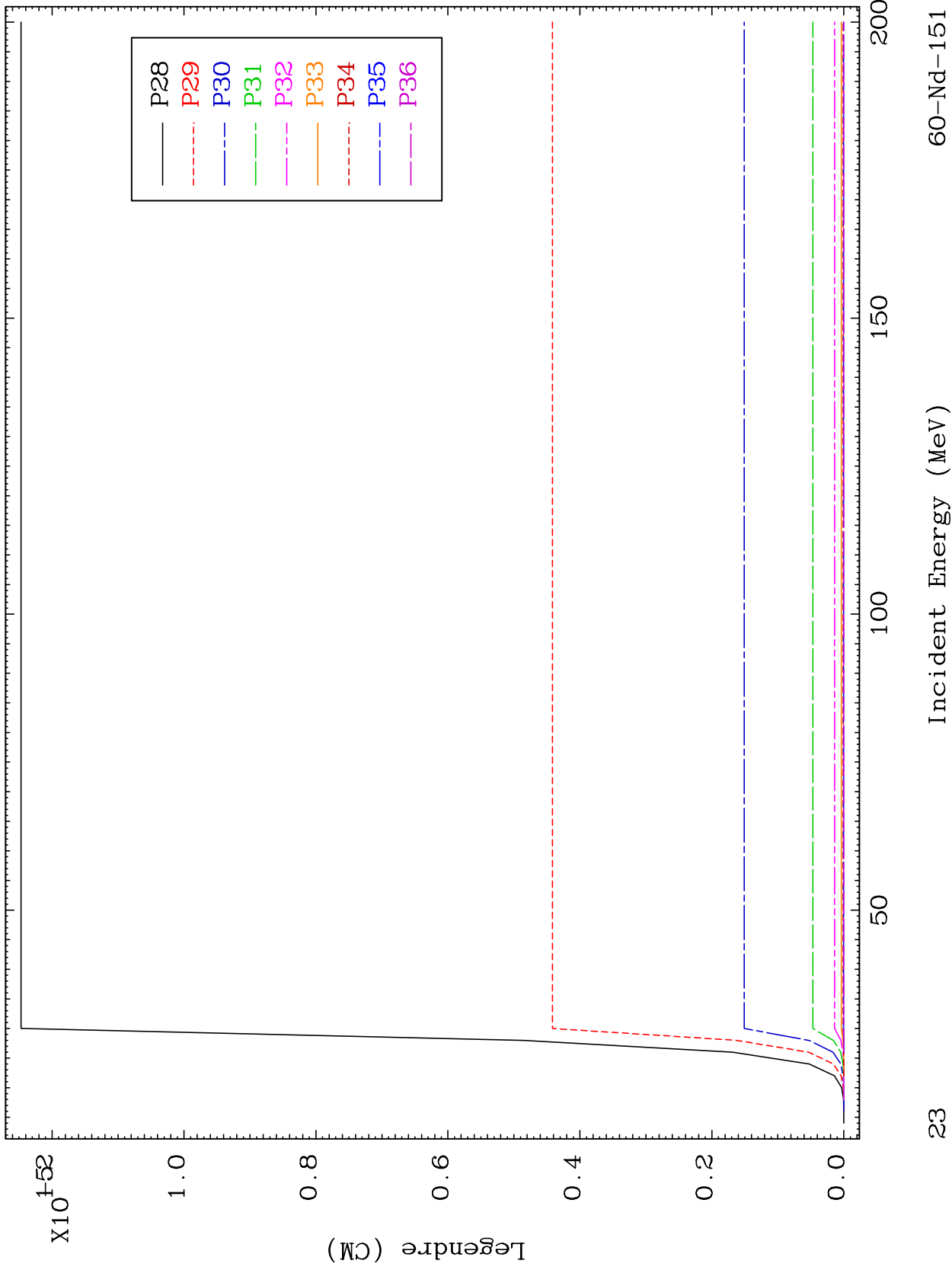
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60-Nd-151

MAT 6052

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

60-Nd-151



23

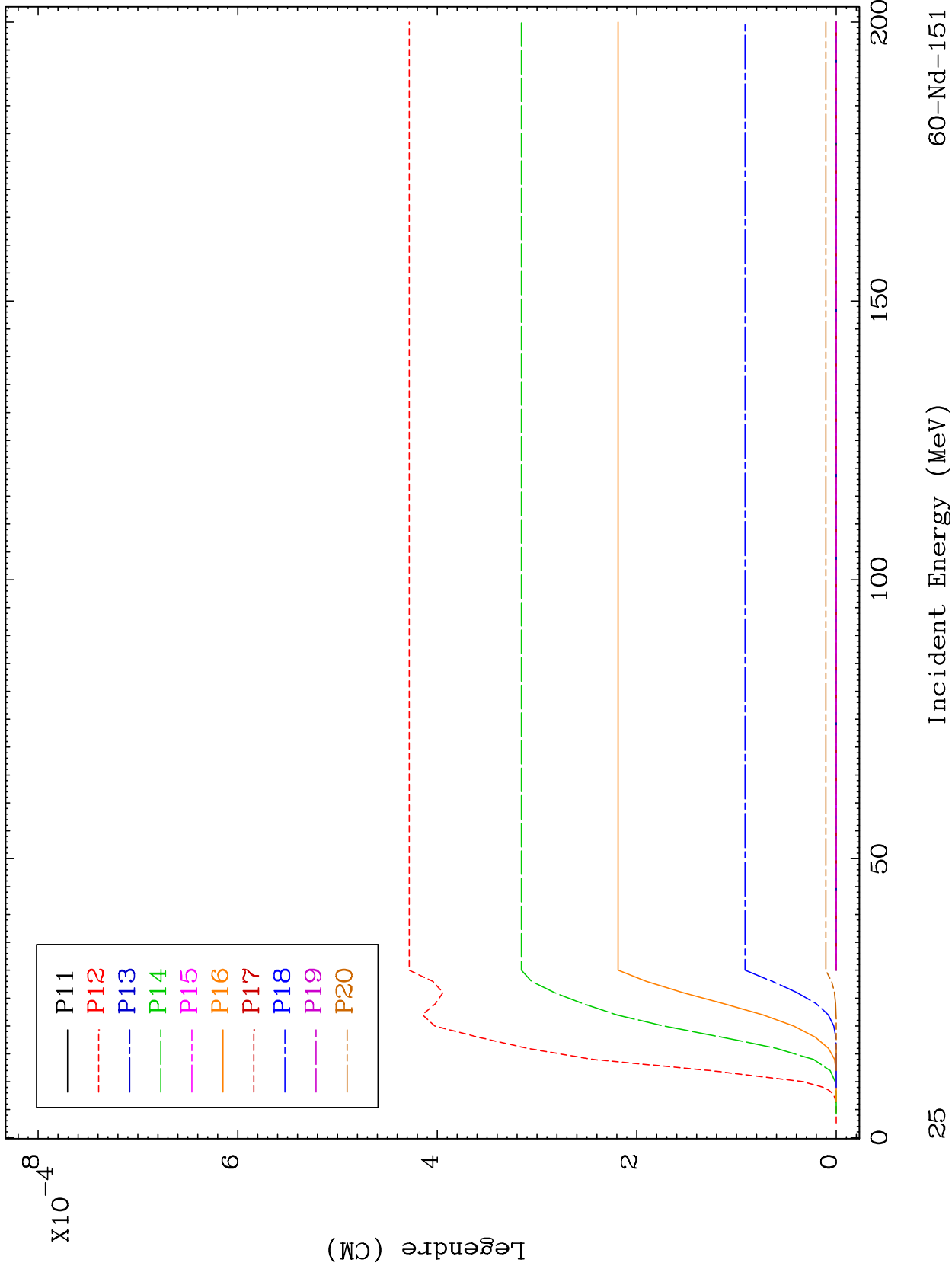


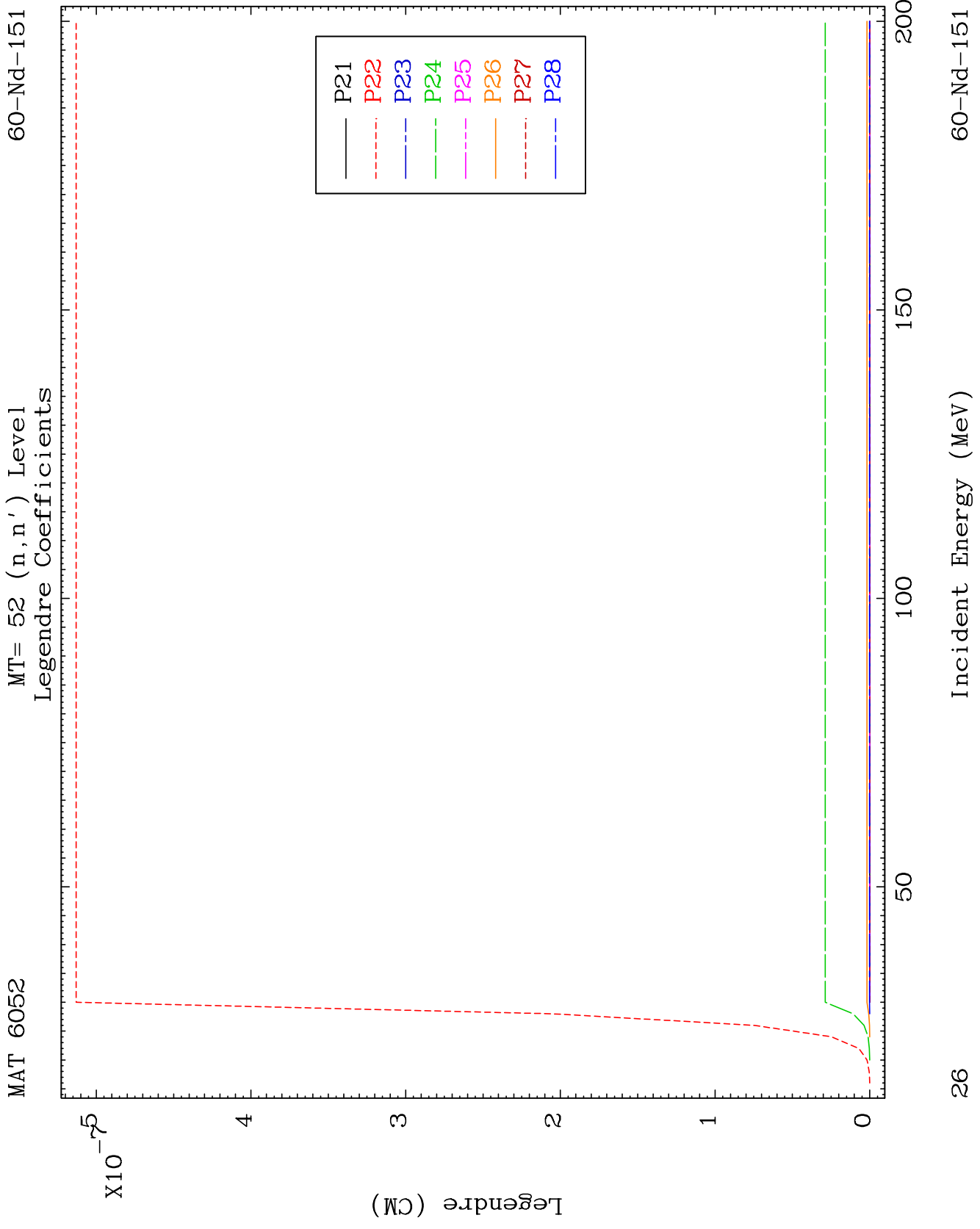


MAT 6052

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

60-Nd-151

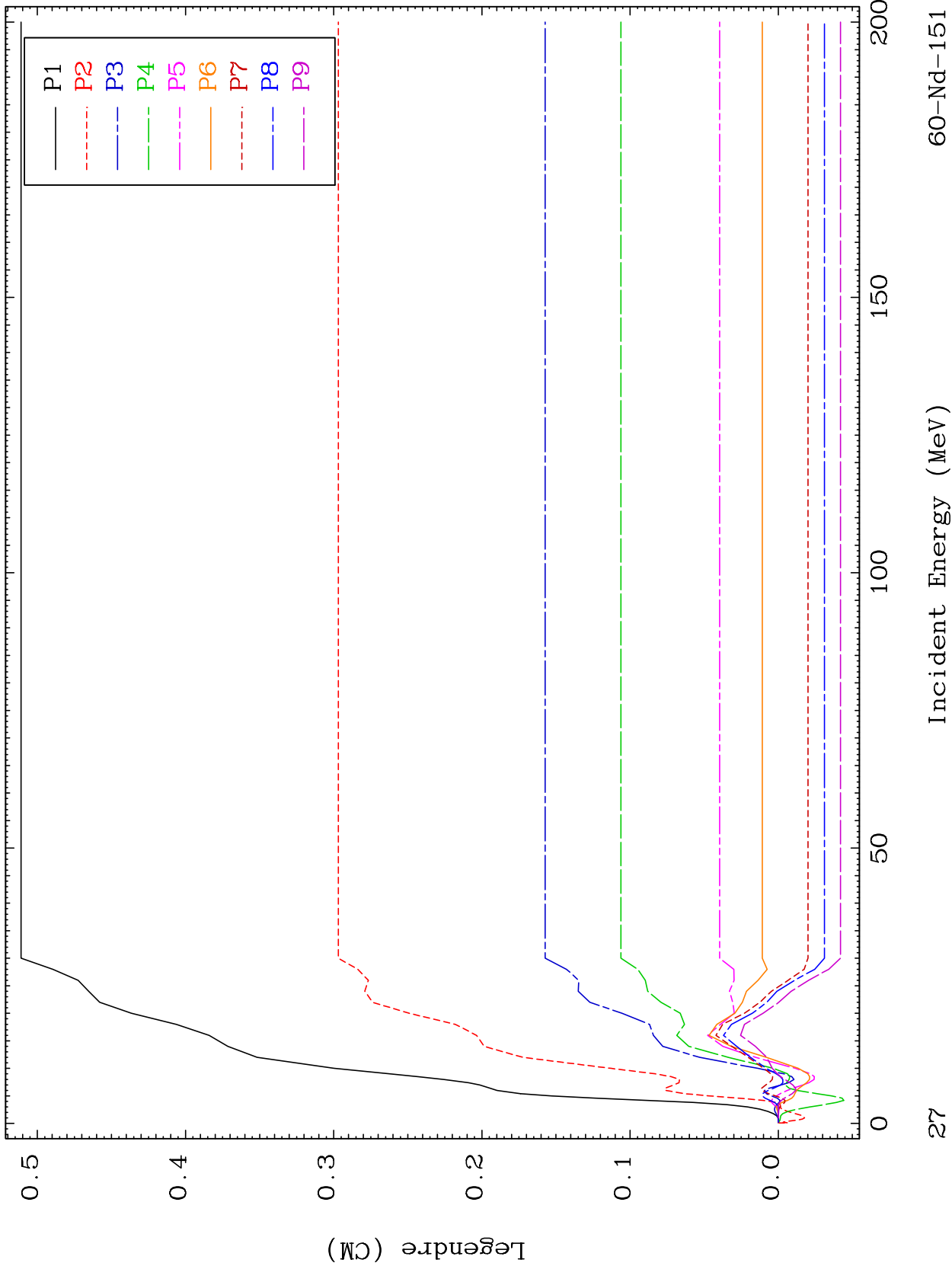




MAT 6052

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

60-Nd-151



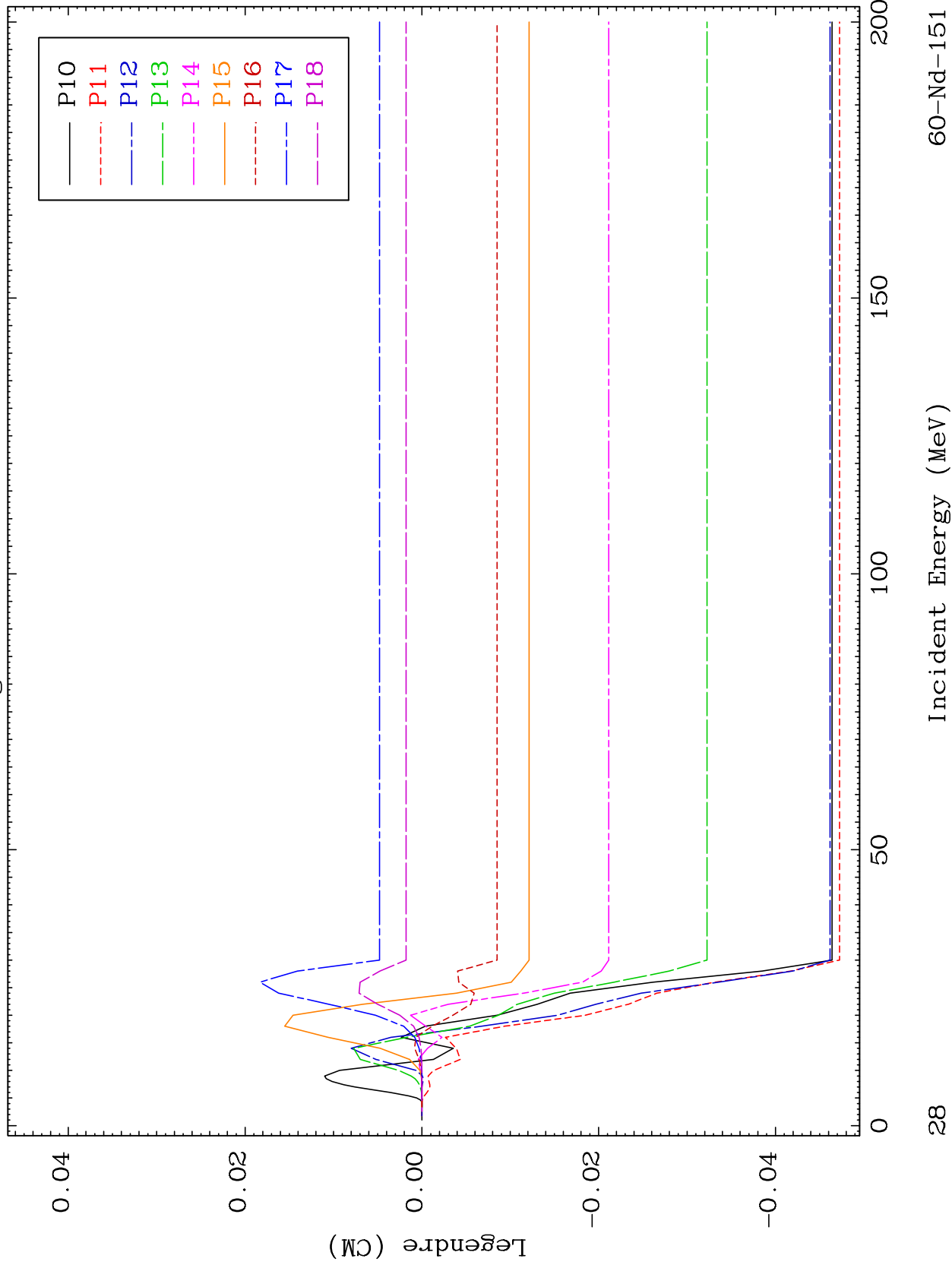
27

60-Nd-151

MAT 6052

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

60-Nd-151



60-Nd-151

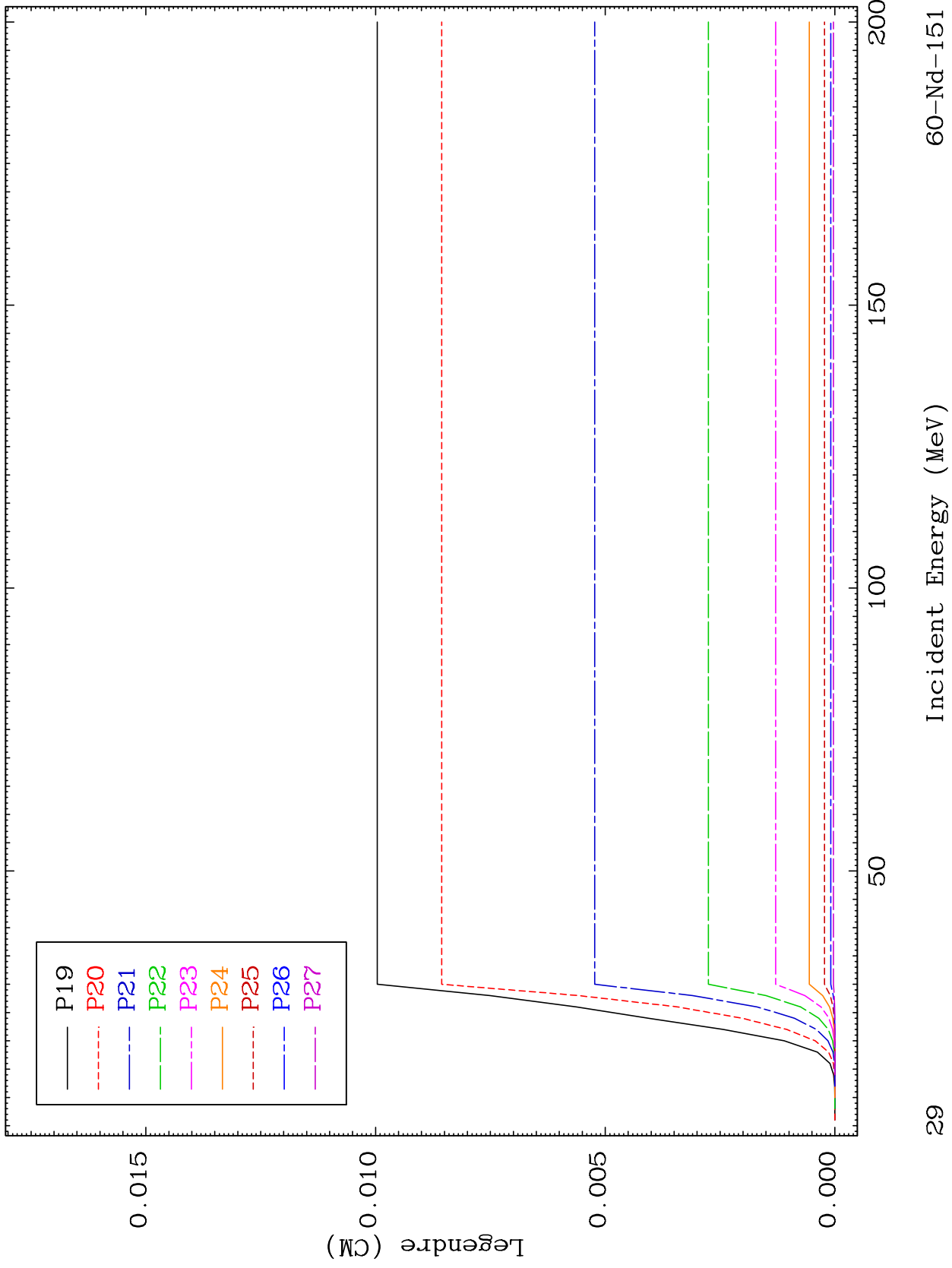
Incident Energy (MeV)

28

MAT 6052

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

60-Nd-151



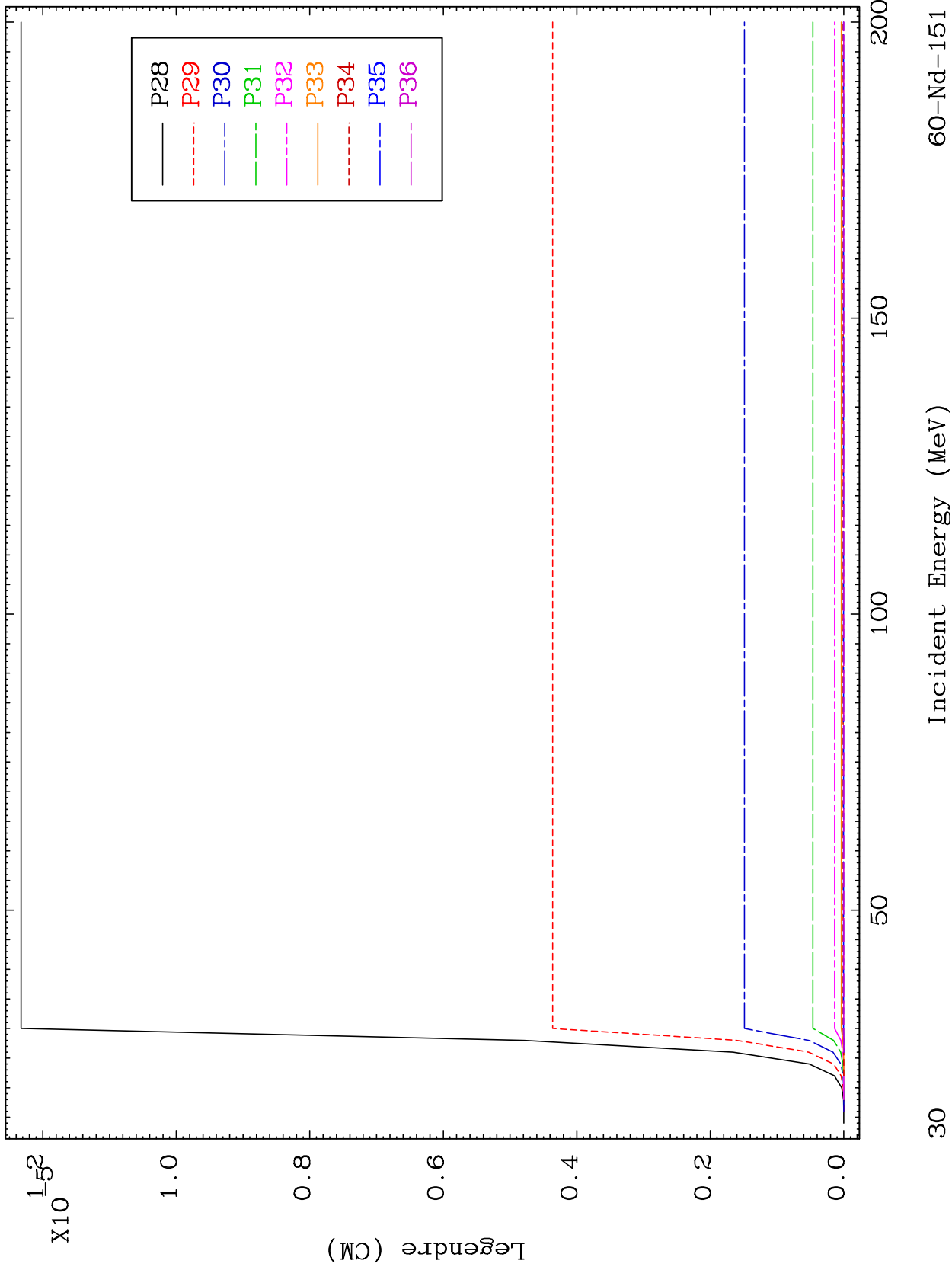
29

60-Nd-151

MAT 6052

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

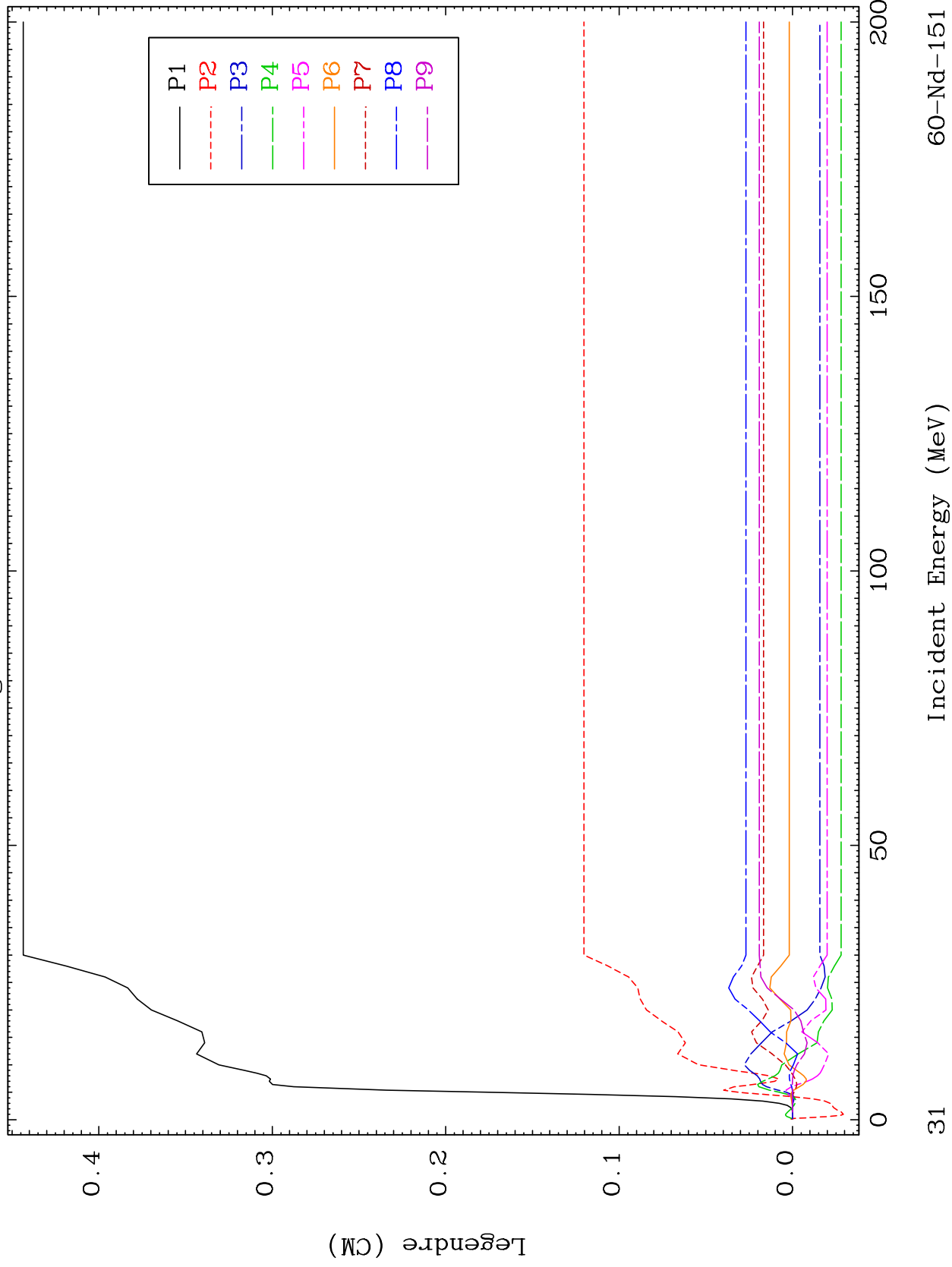
60-Nd-151



MAT 6052

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

60-Nd-151



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Incident Energy (MeV)

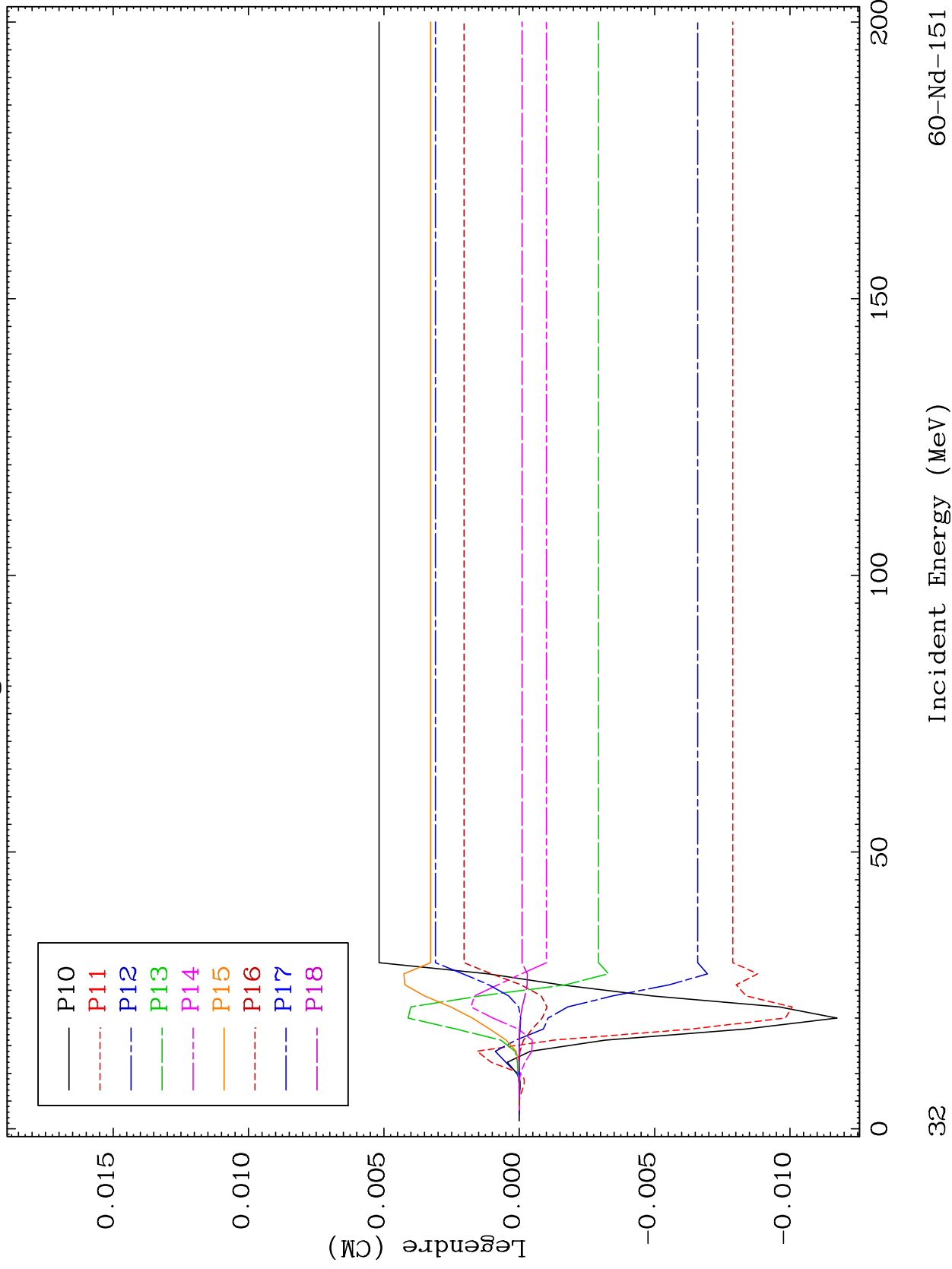
60-Nd-151



MAT 6052

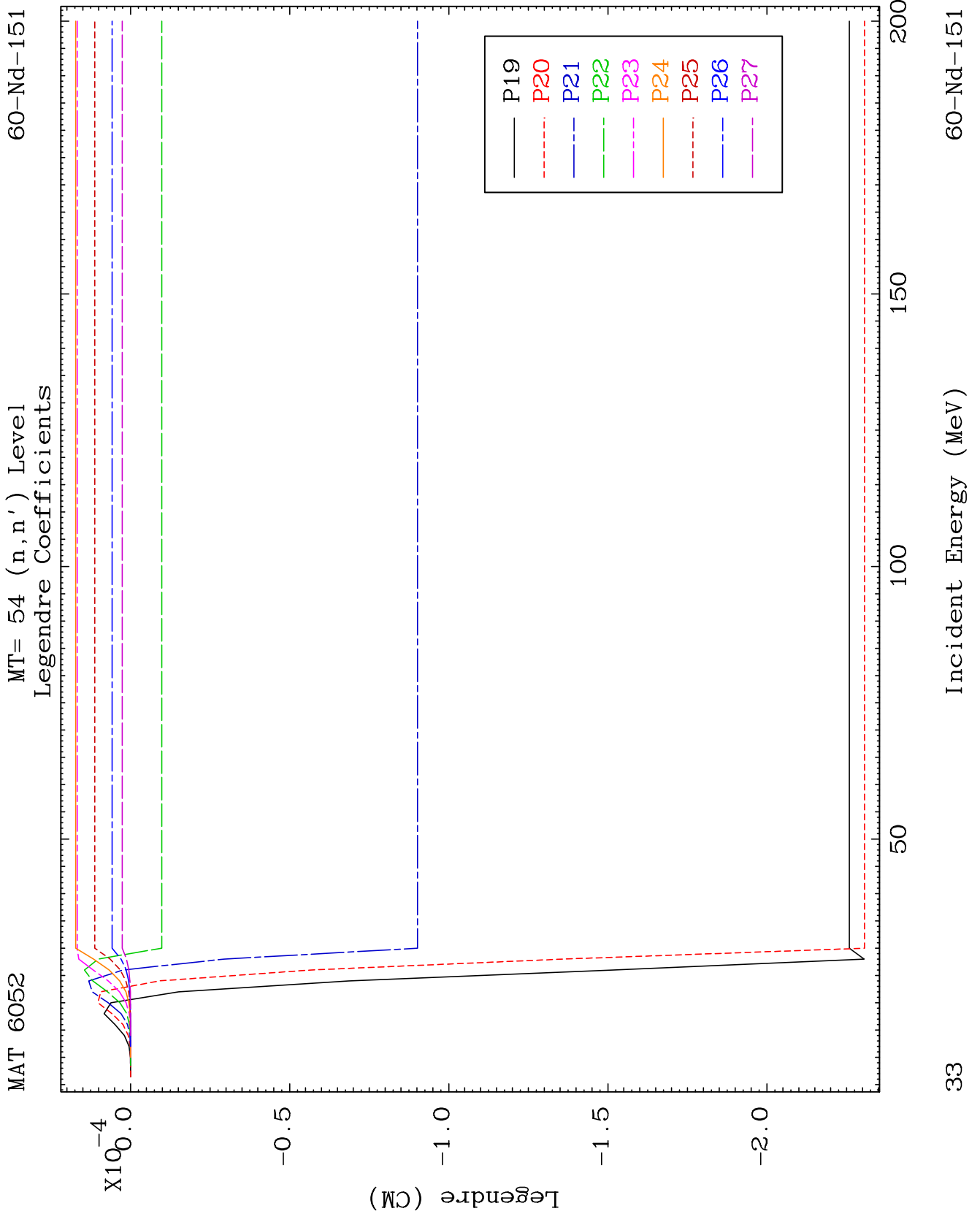
MT= 54 (n,n') Level  
Legendre Coefficients

60-Nd-151



60-Nd-151

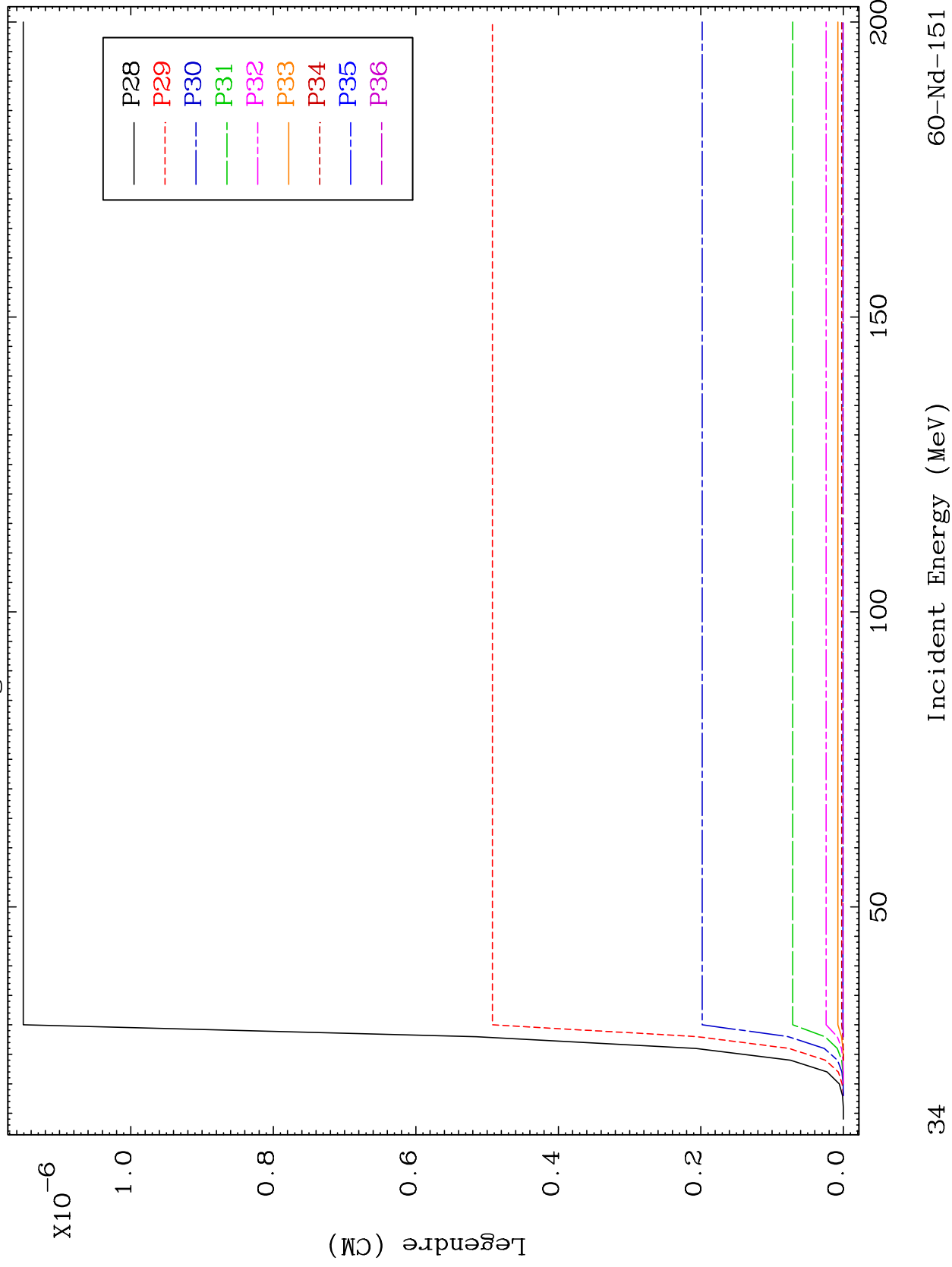
Incident Energy (MeV)

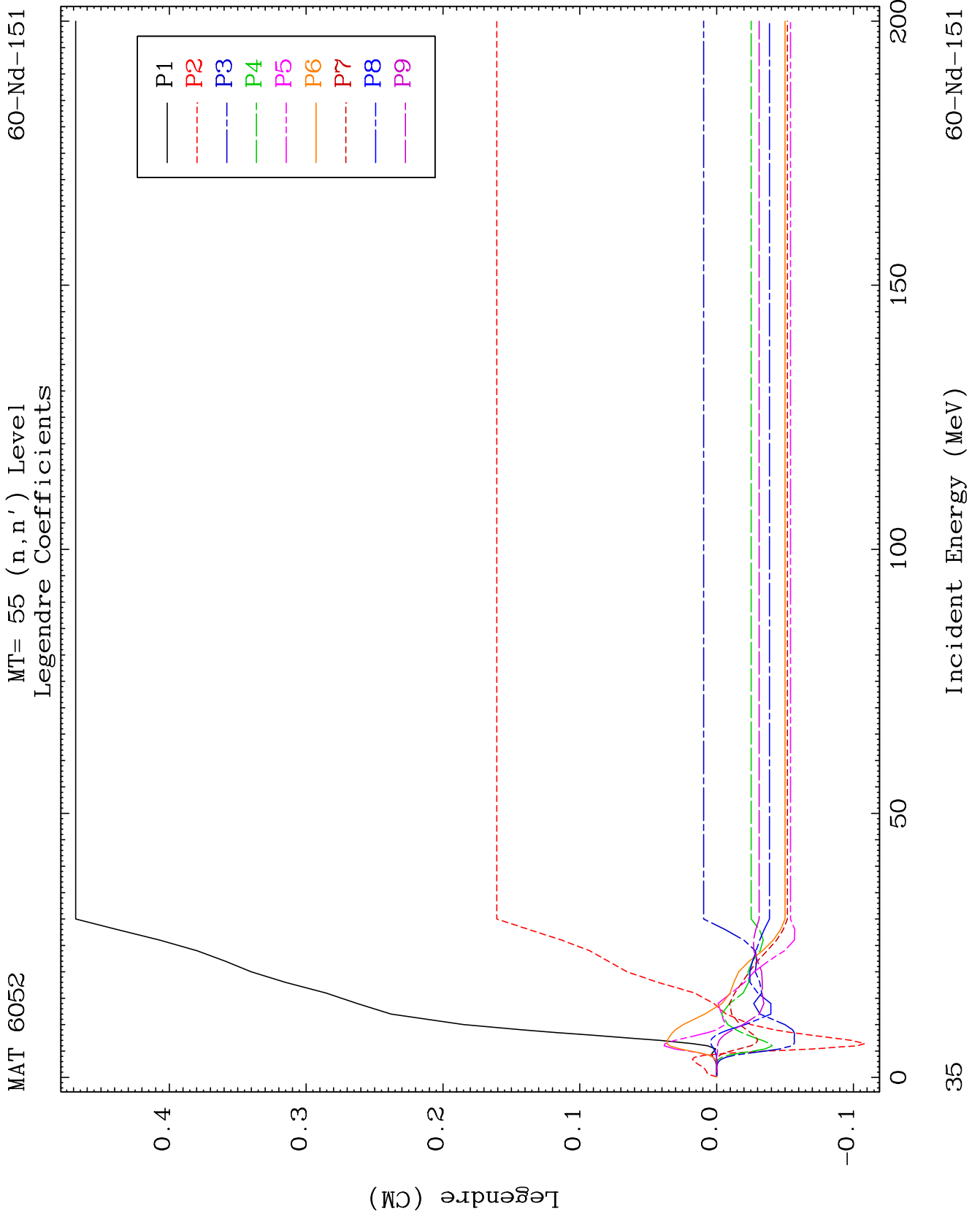


MAT 6052

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

60-Nd-151



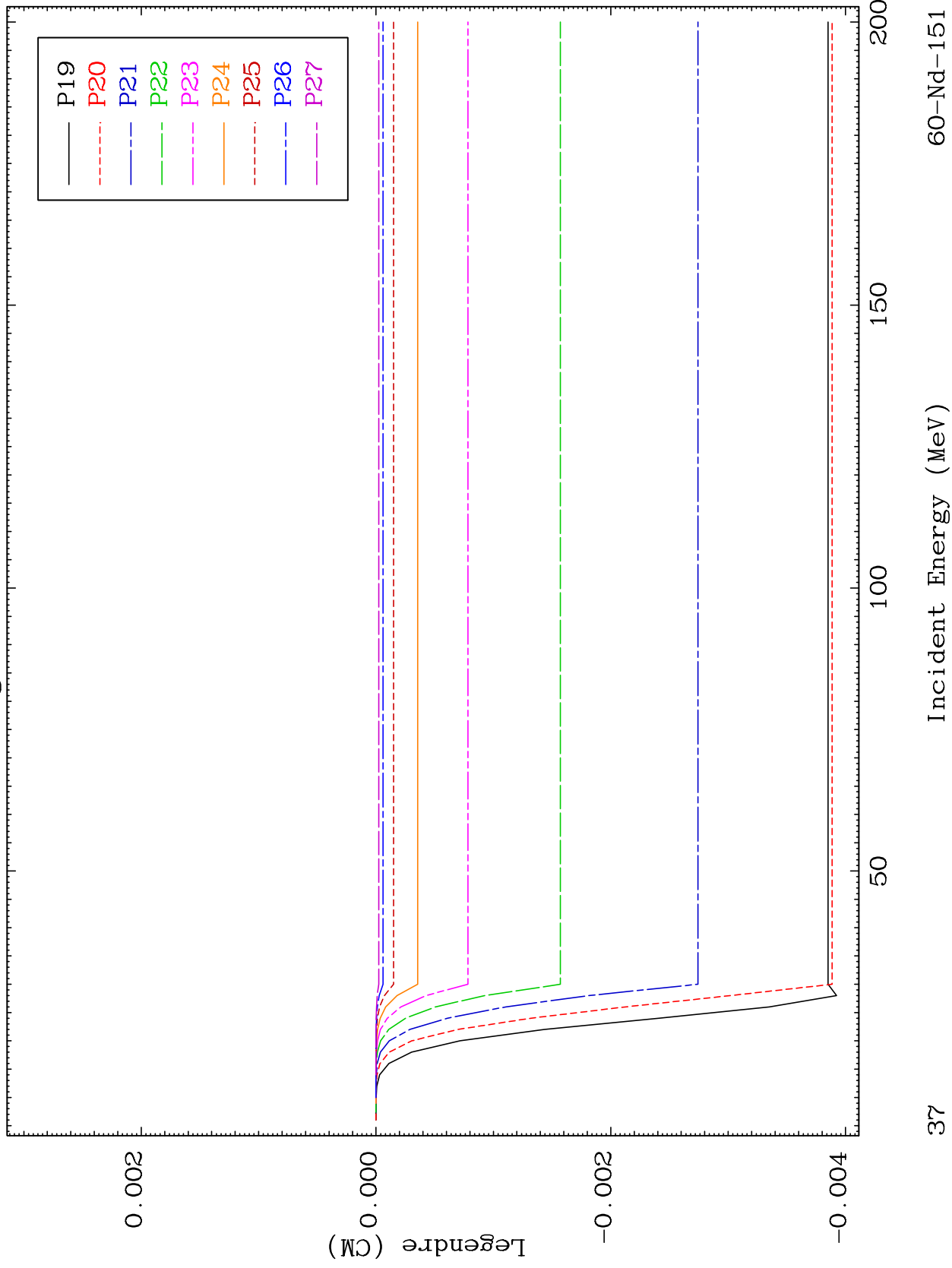




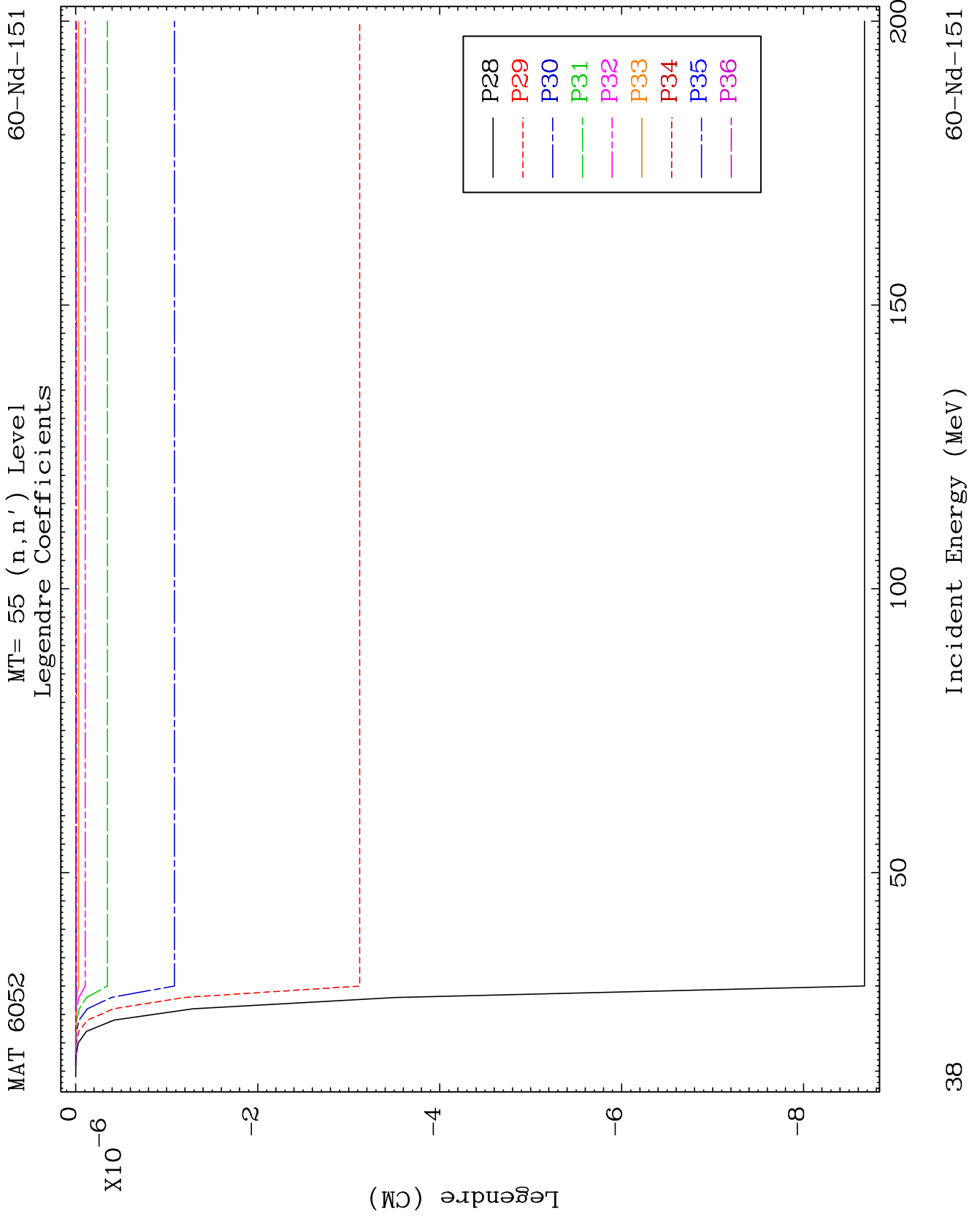
MAT 6052

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

60-Nd-151



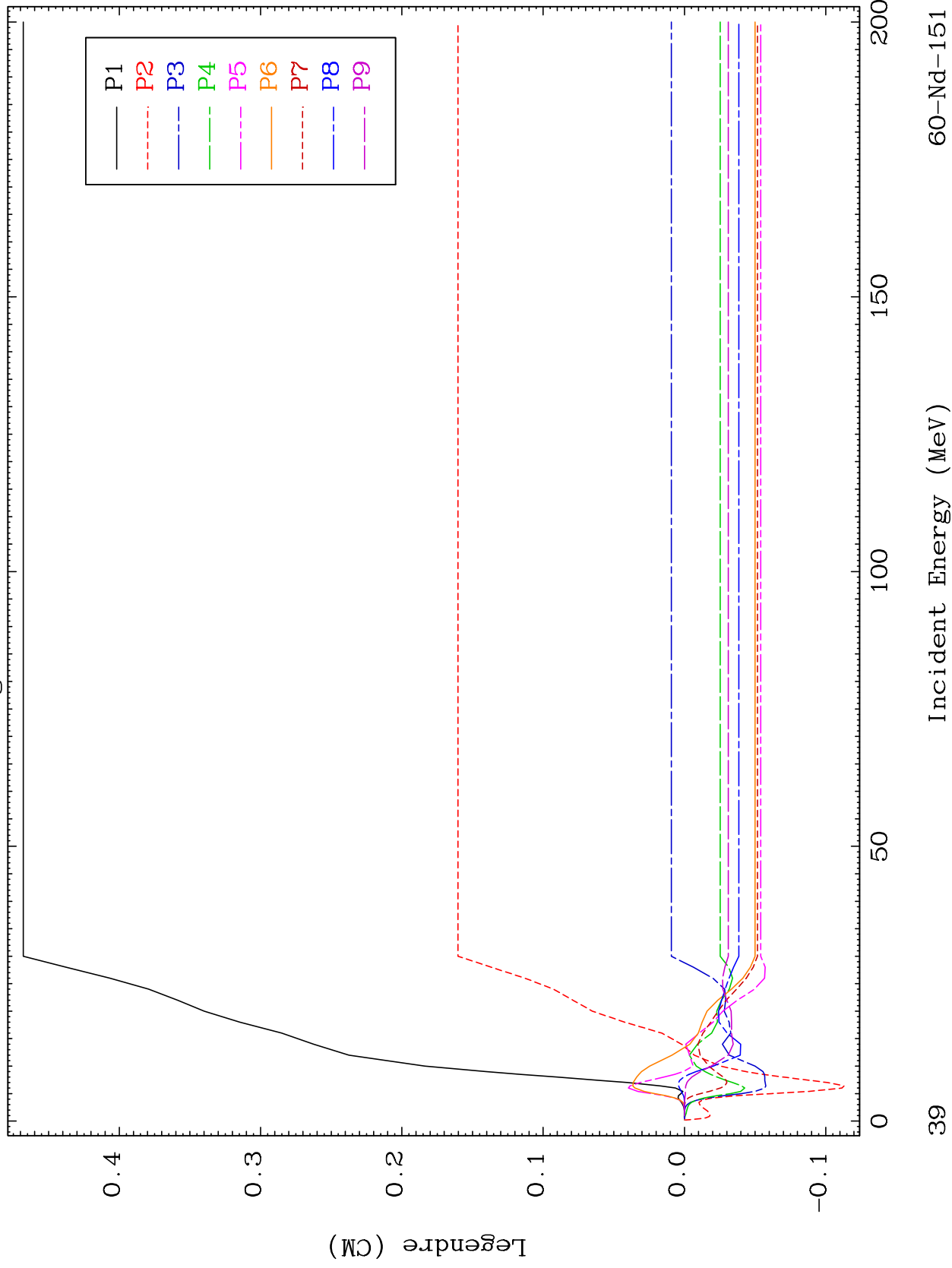
37



MAT 6052

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

60-Nd-151



60-Nd-151

Incident Energy (MeV)

39

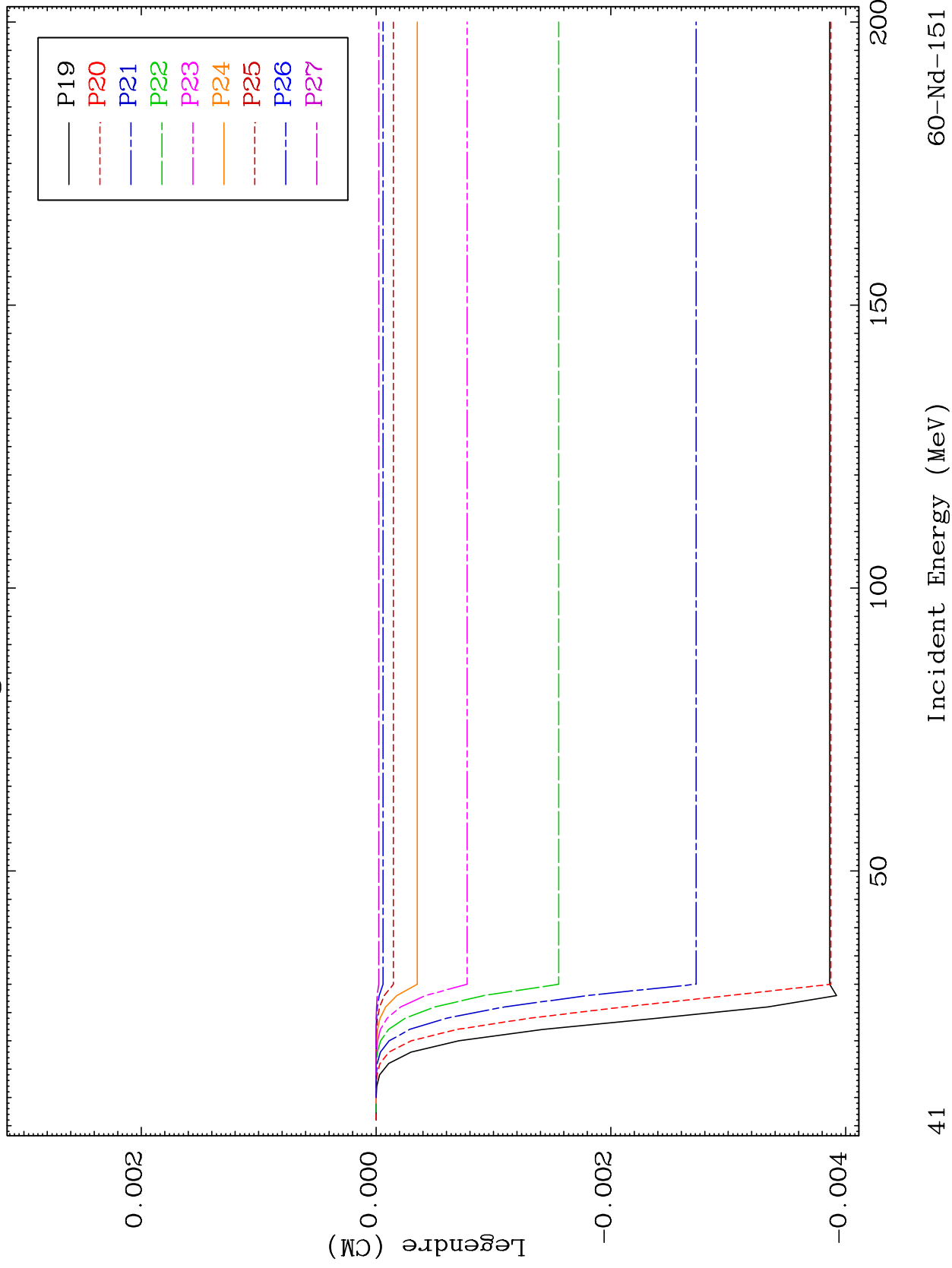




MAT 6052

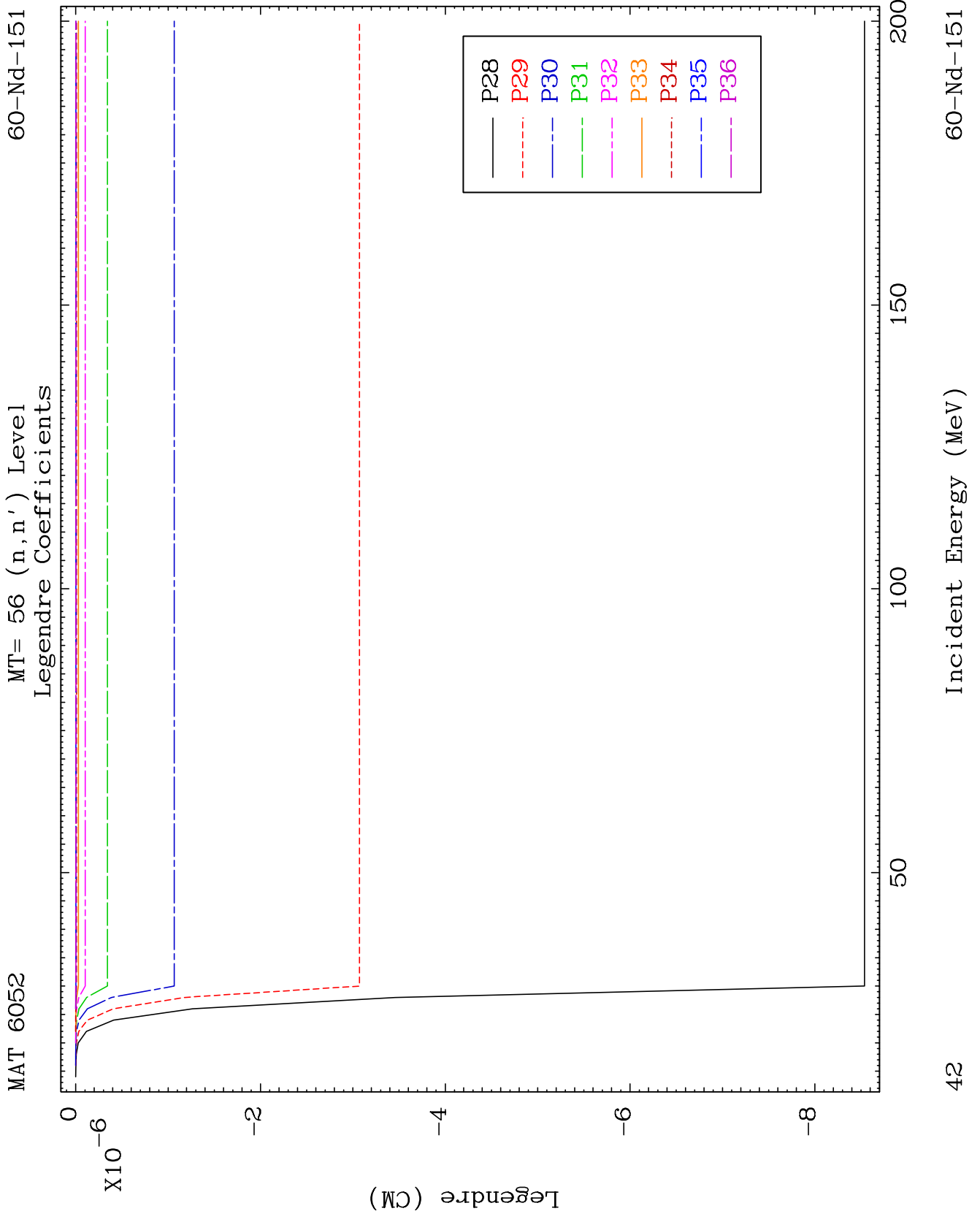
MT= 56 (n,n') Level  
Legendre Coefficients

60-Nd-151



41

60-Nd-151

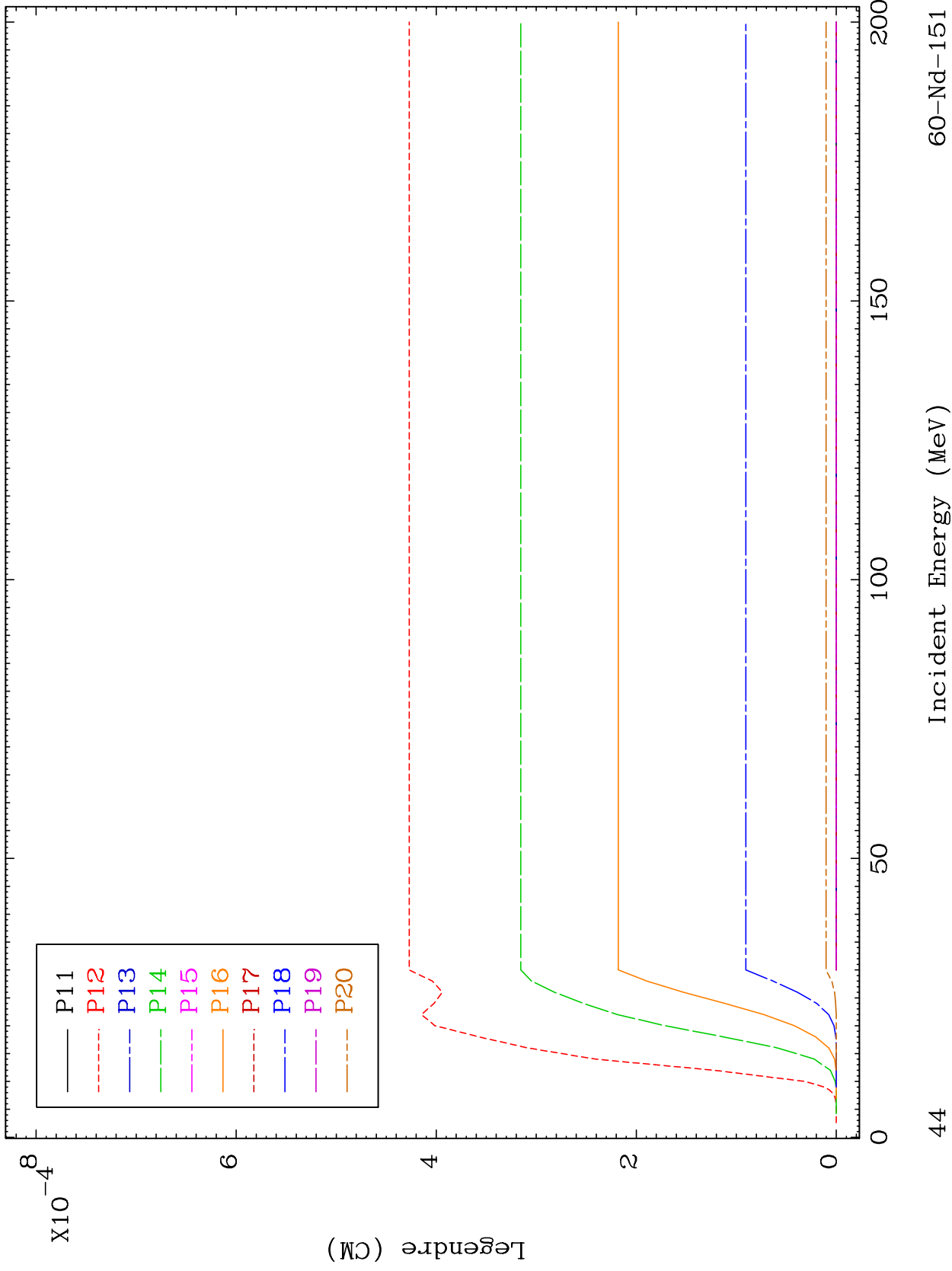




MAT 6052

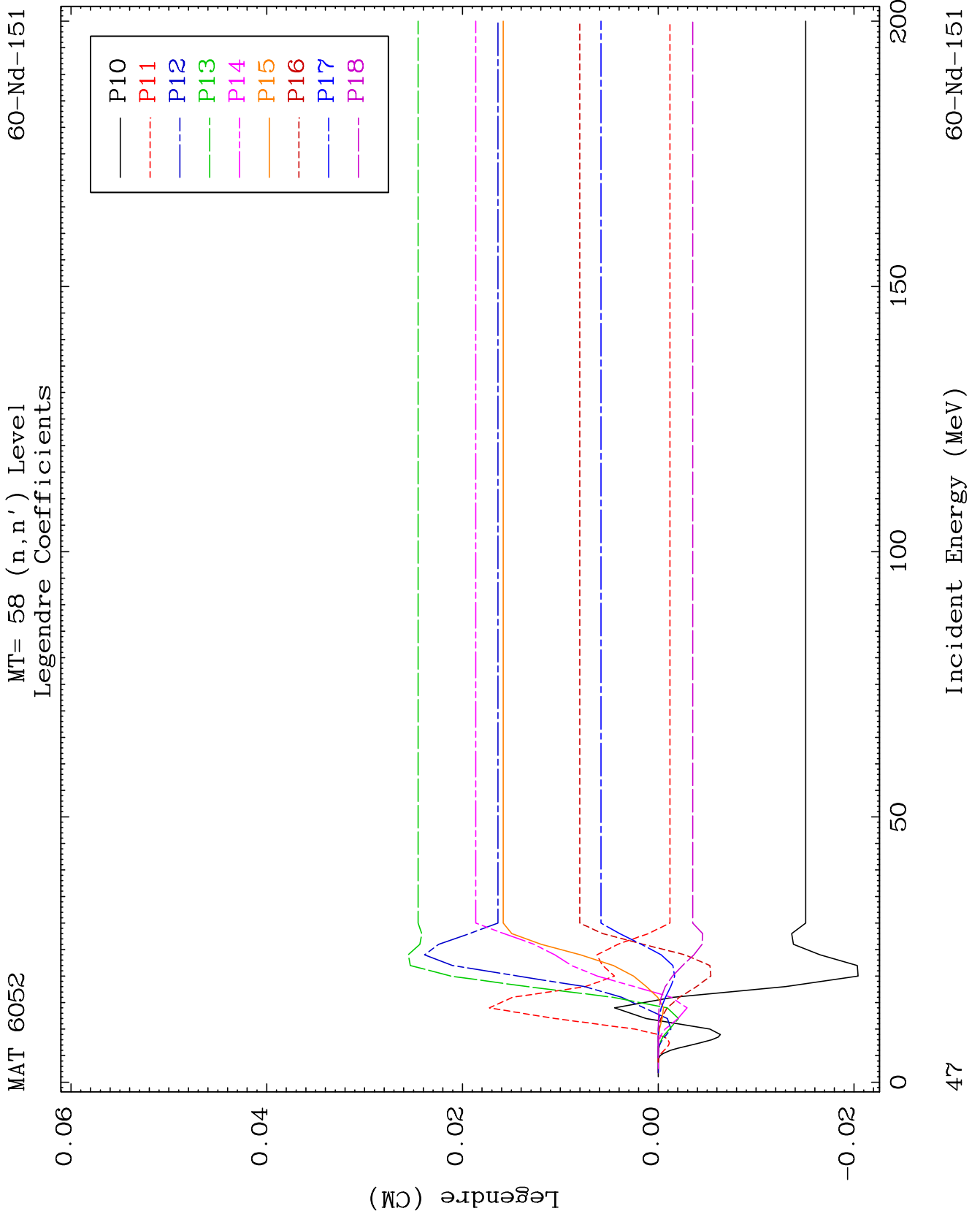
MT= 57 (n,n') Level  
Legendre Coefficients

60-Nd-151







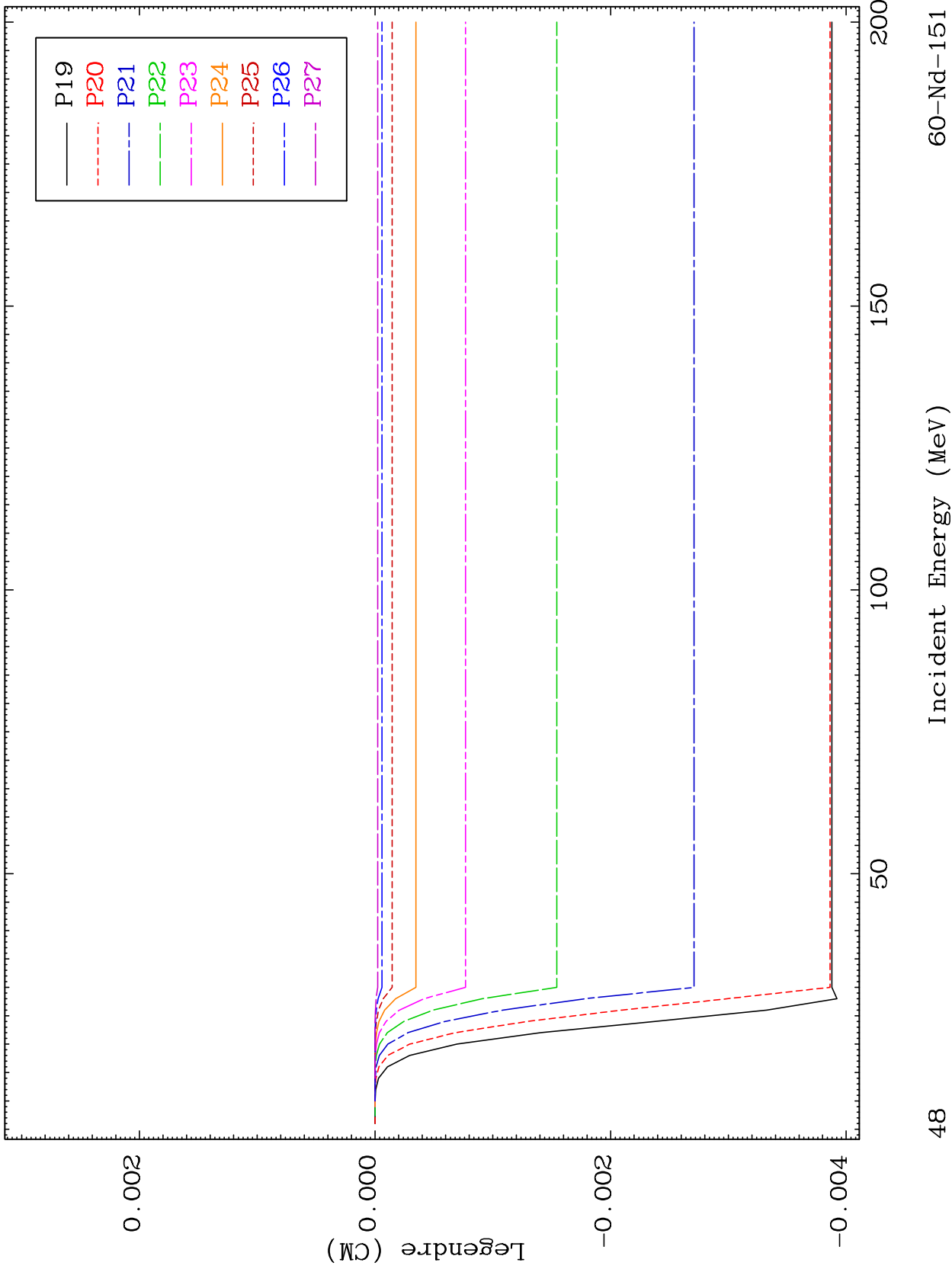


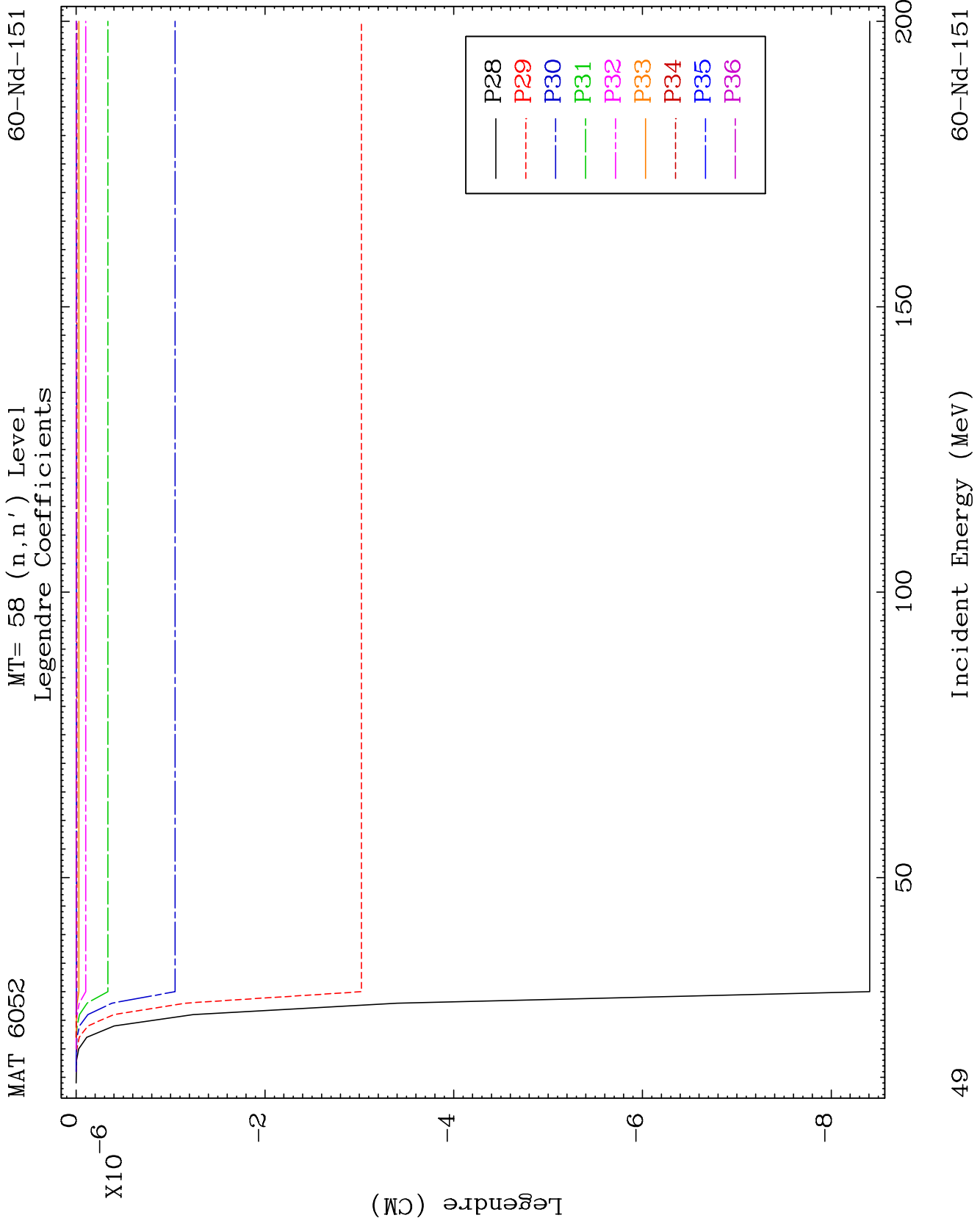


MAT 6052

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

60-Nd-151



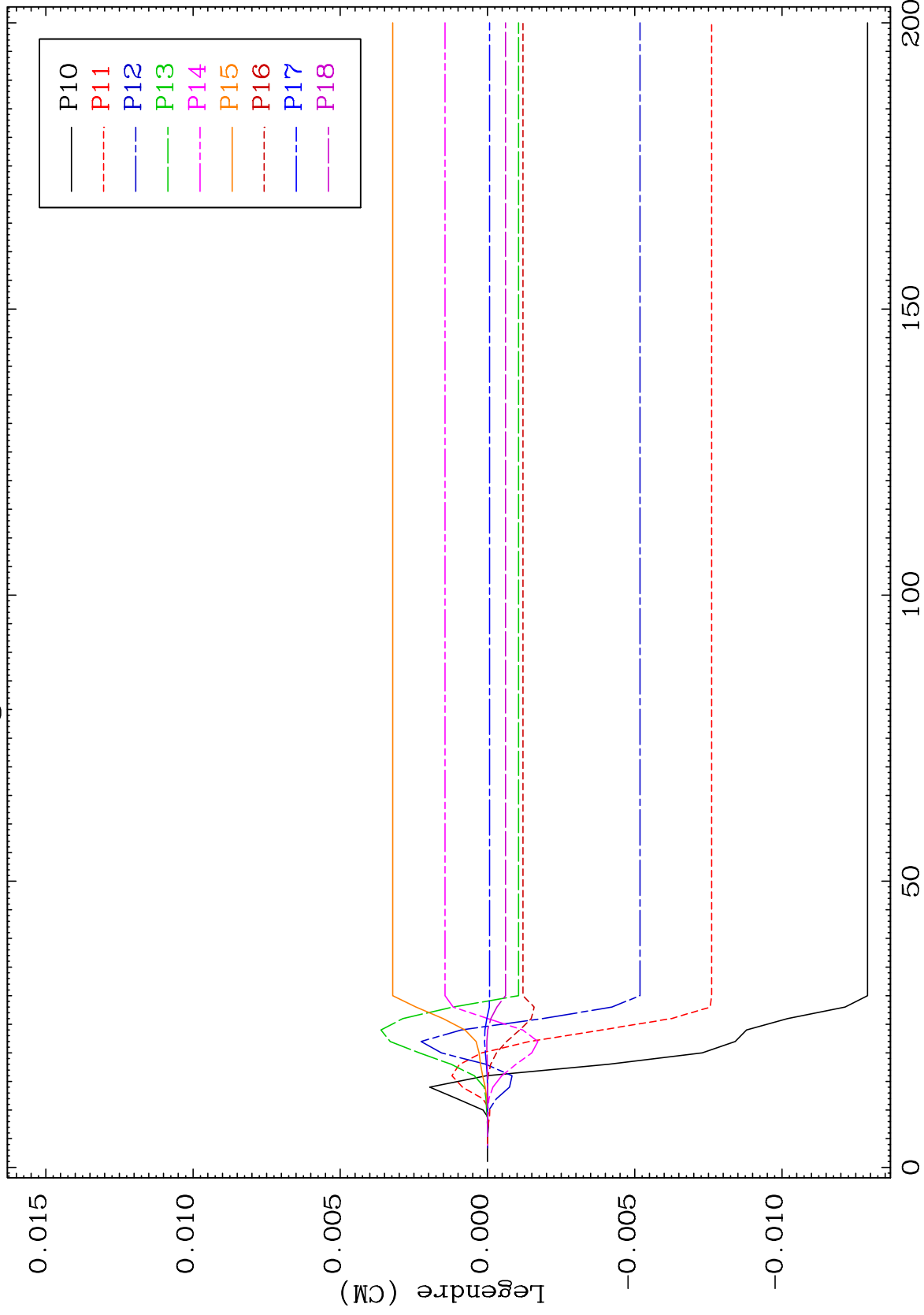




MAT 6052

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

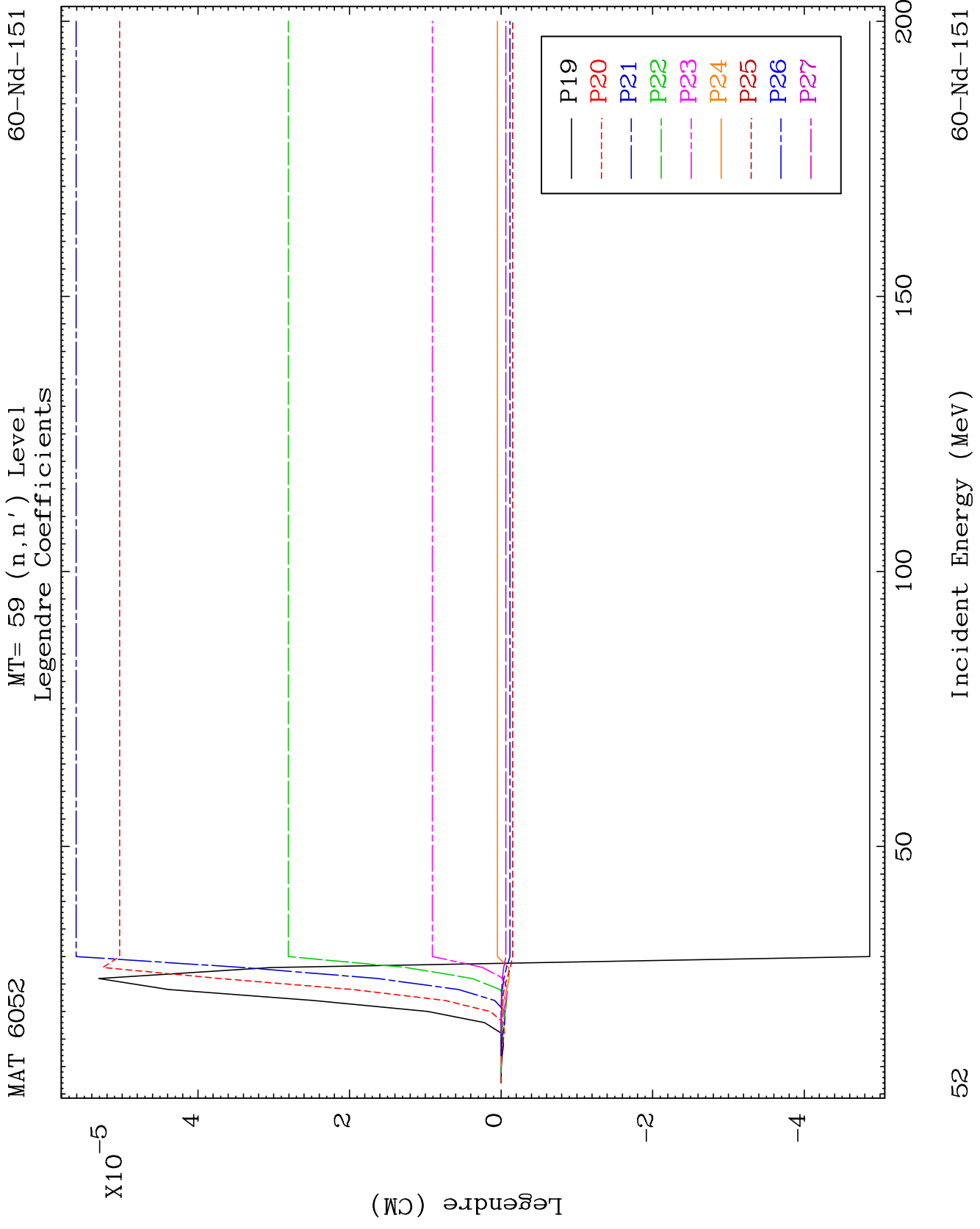
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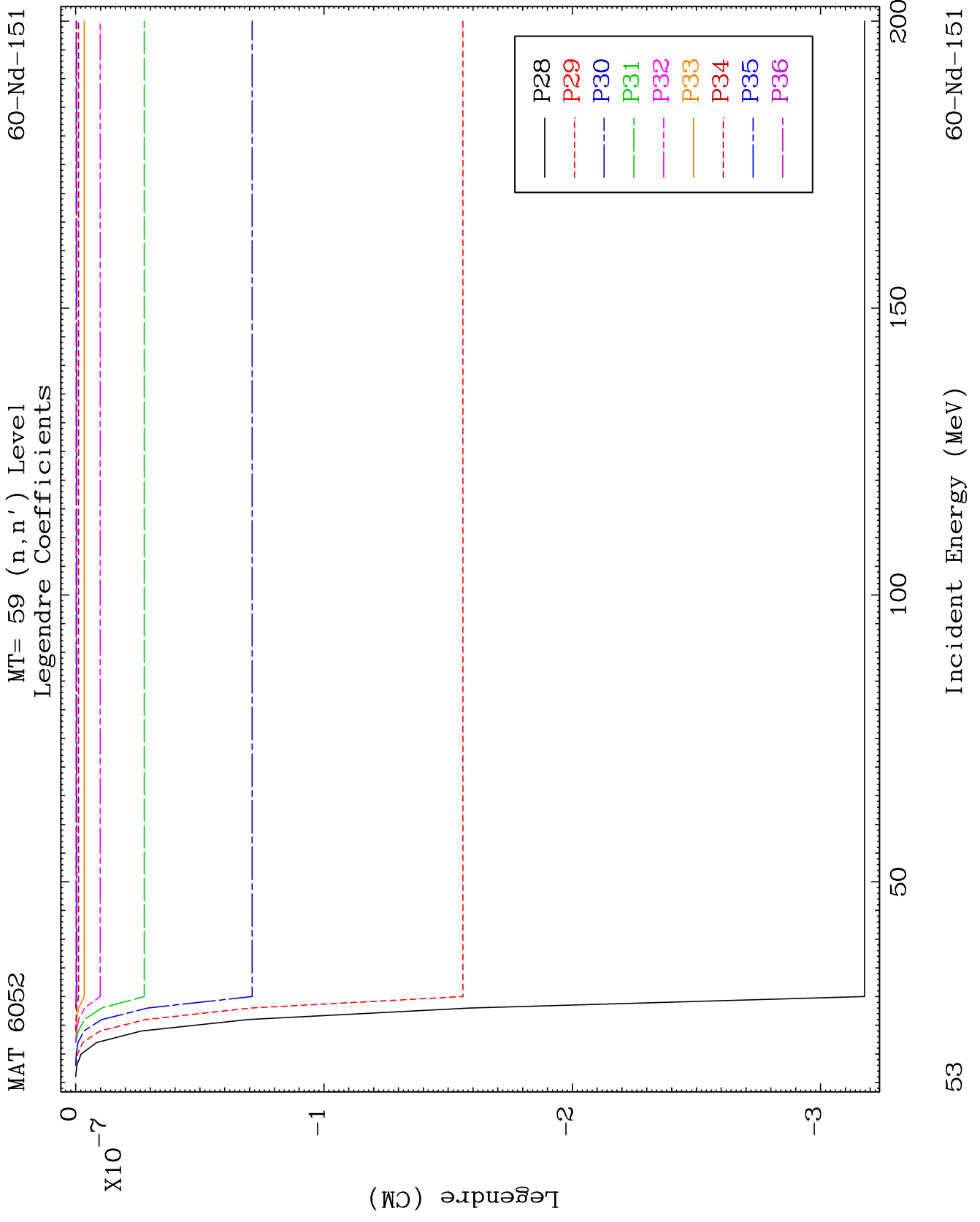


51

Incident Energy (MeV)

60-Nd-151

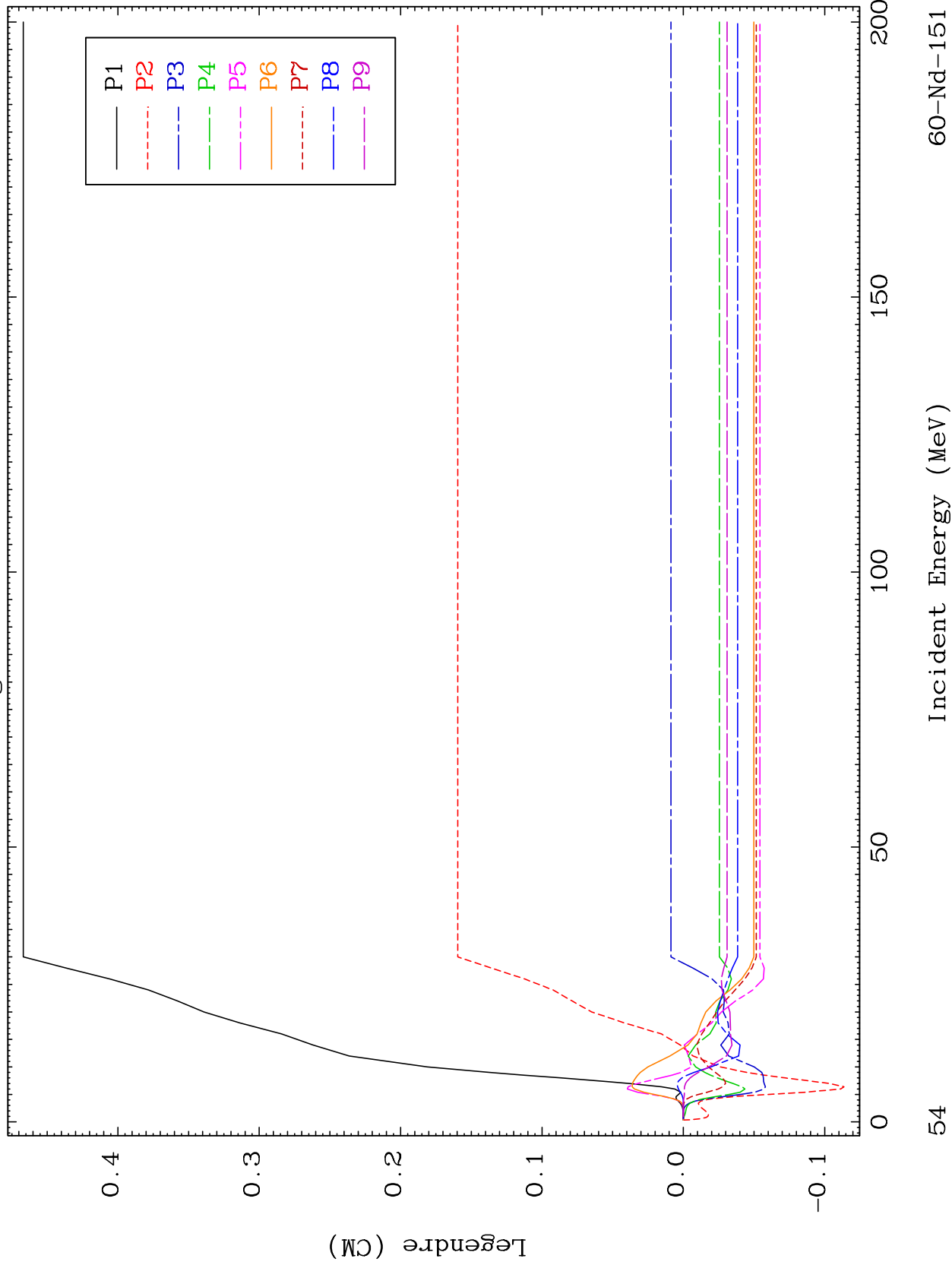




MAT 6052

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

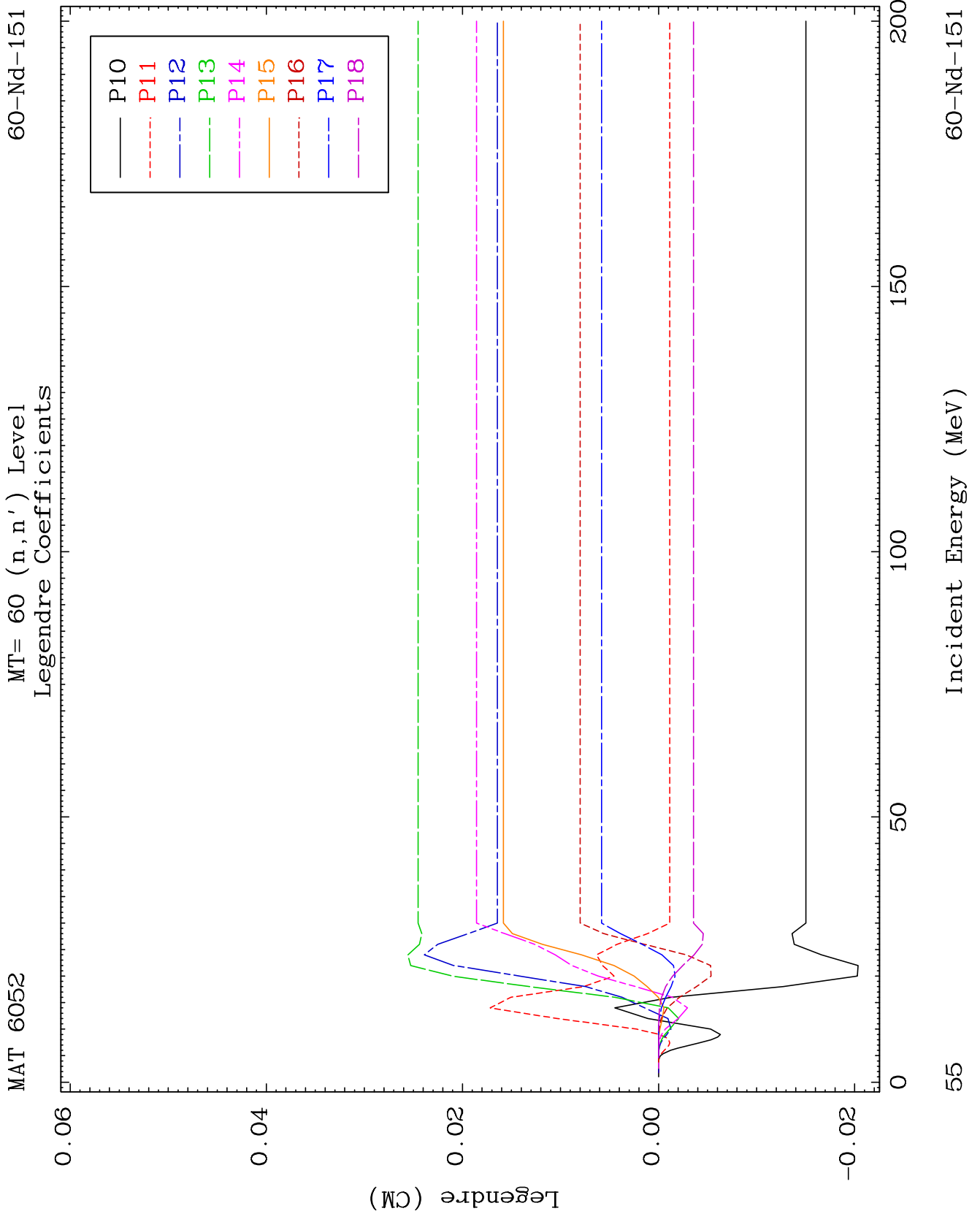
60-Nd-151



60-Nd-151

Incident Energy (MeV)

54

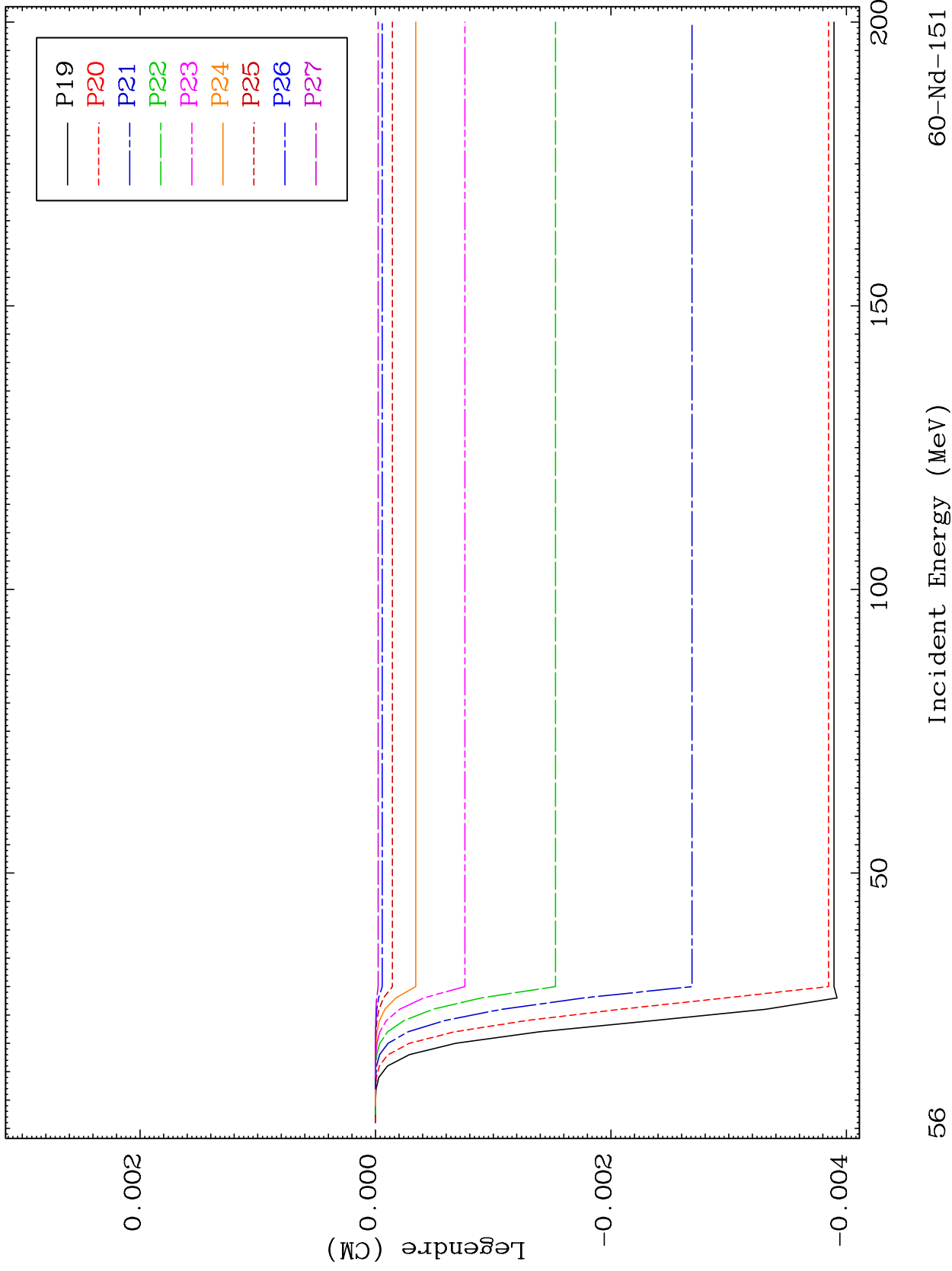




MAT 6052

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

60-Nd-151

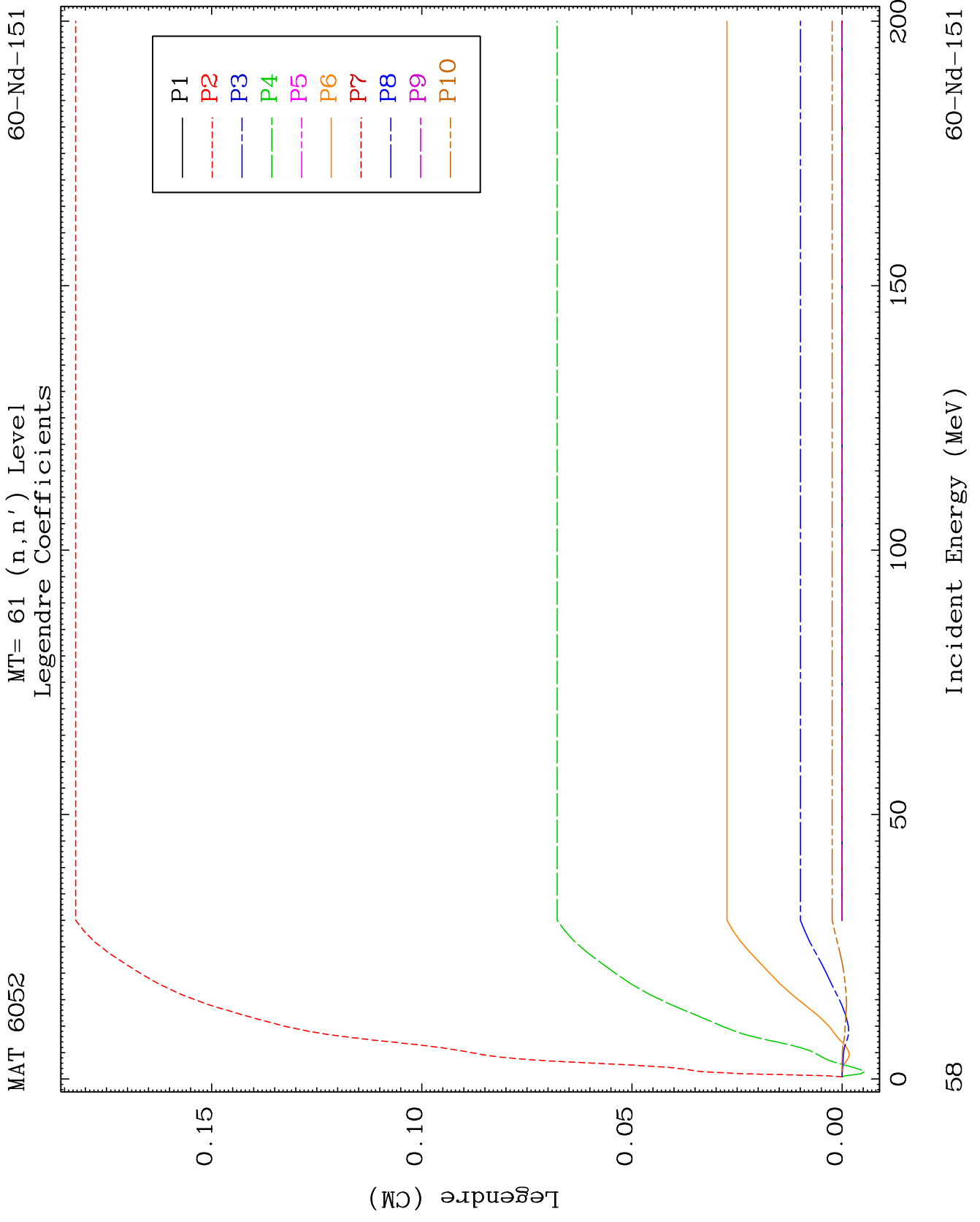


56

Incident Energy (MeV)

60-Nd-151

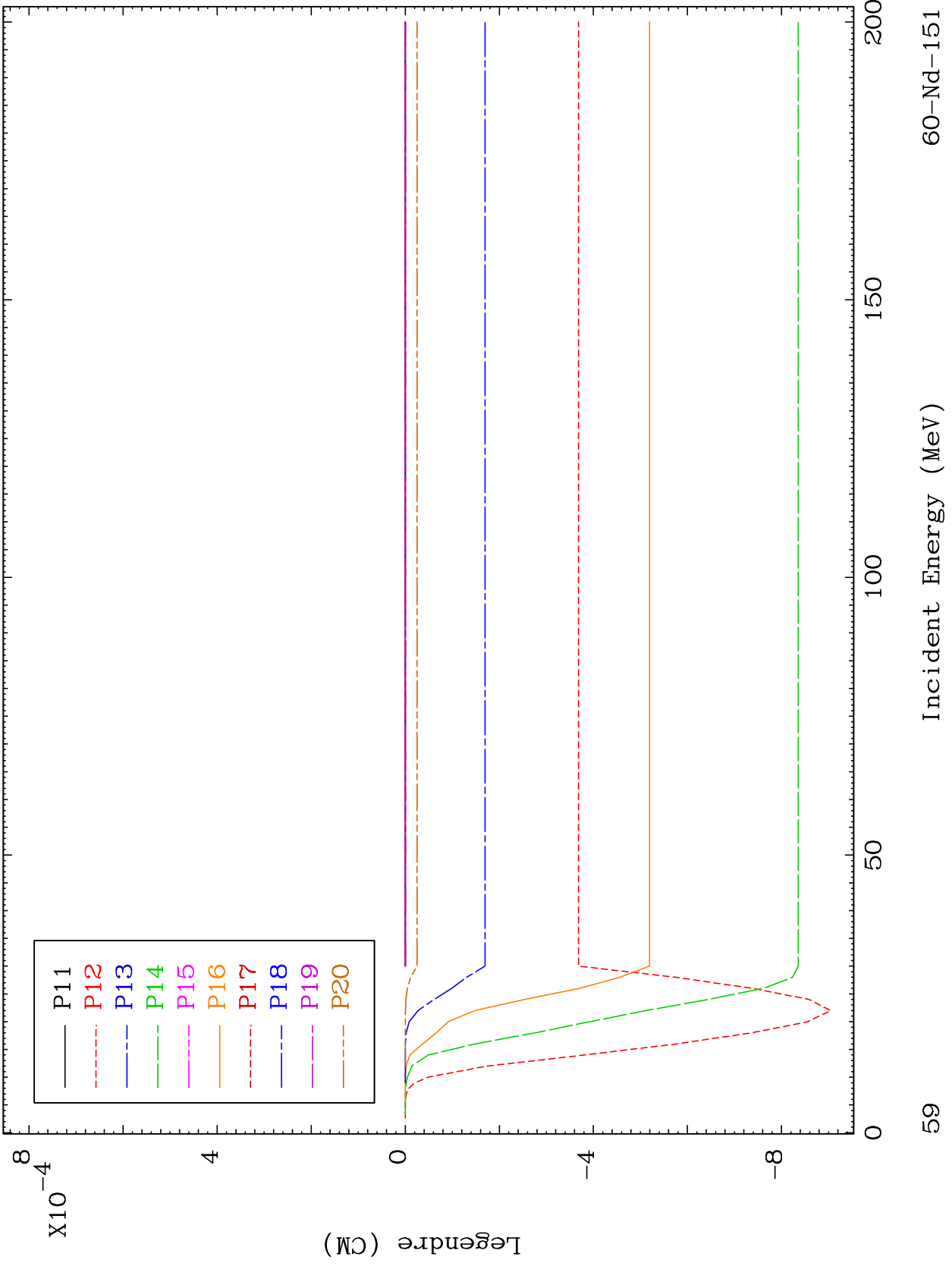




MAT 6052

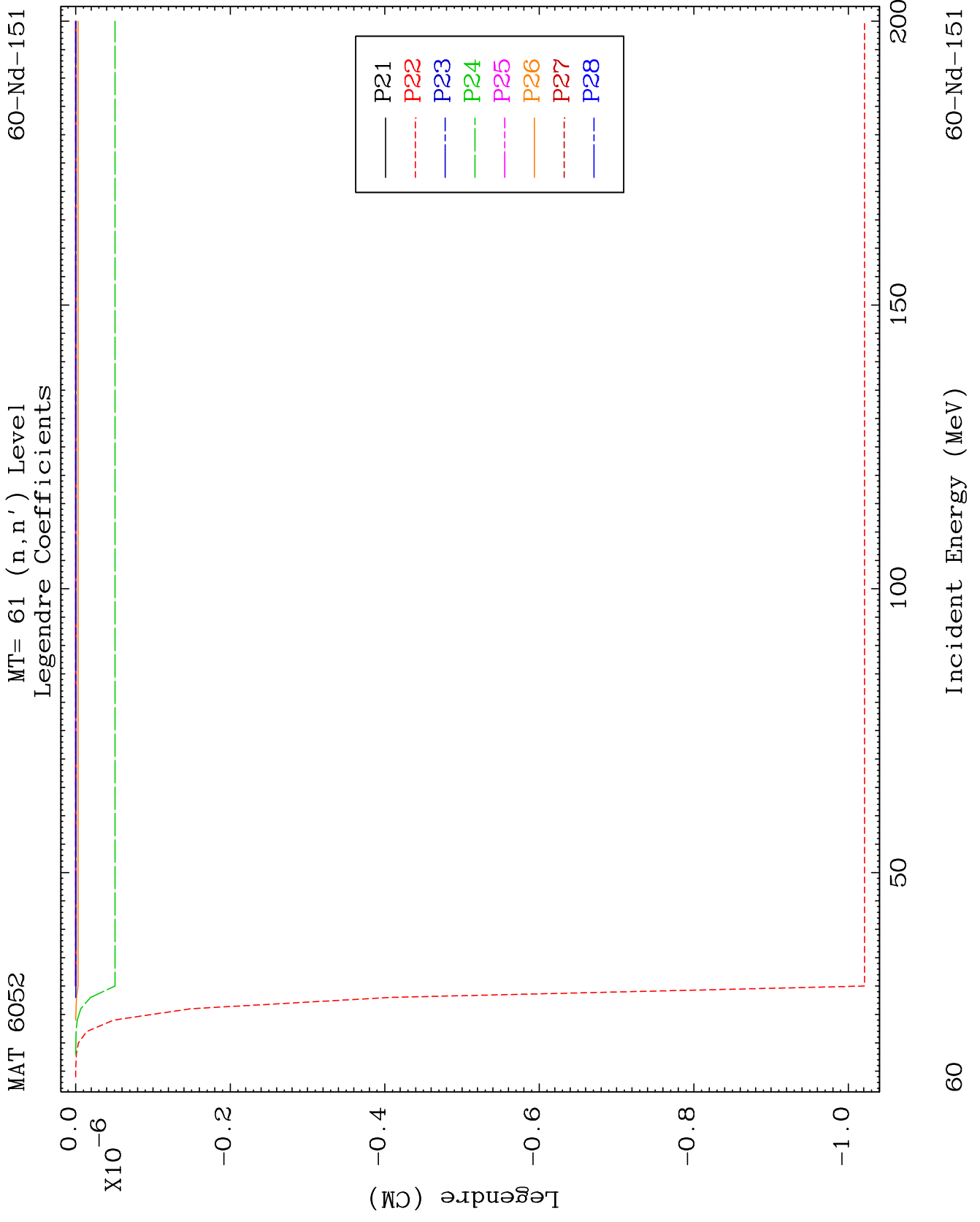
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Legendre Coefficients

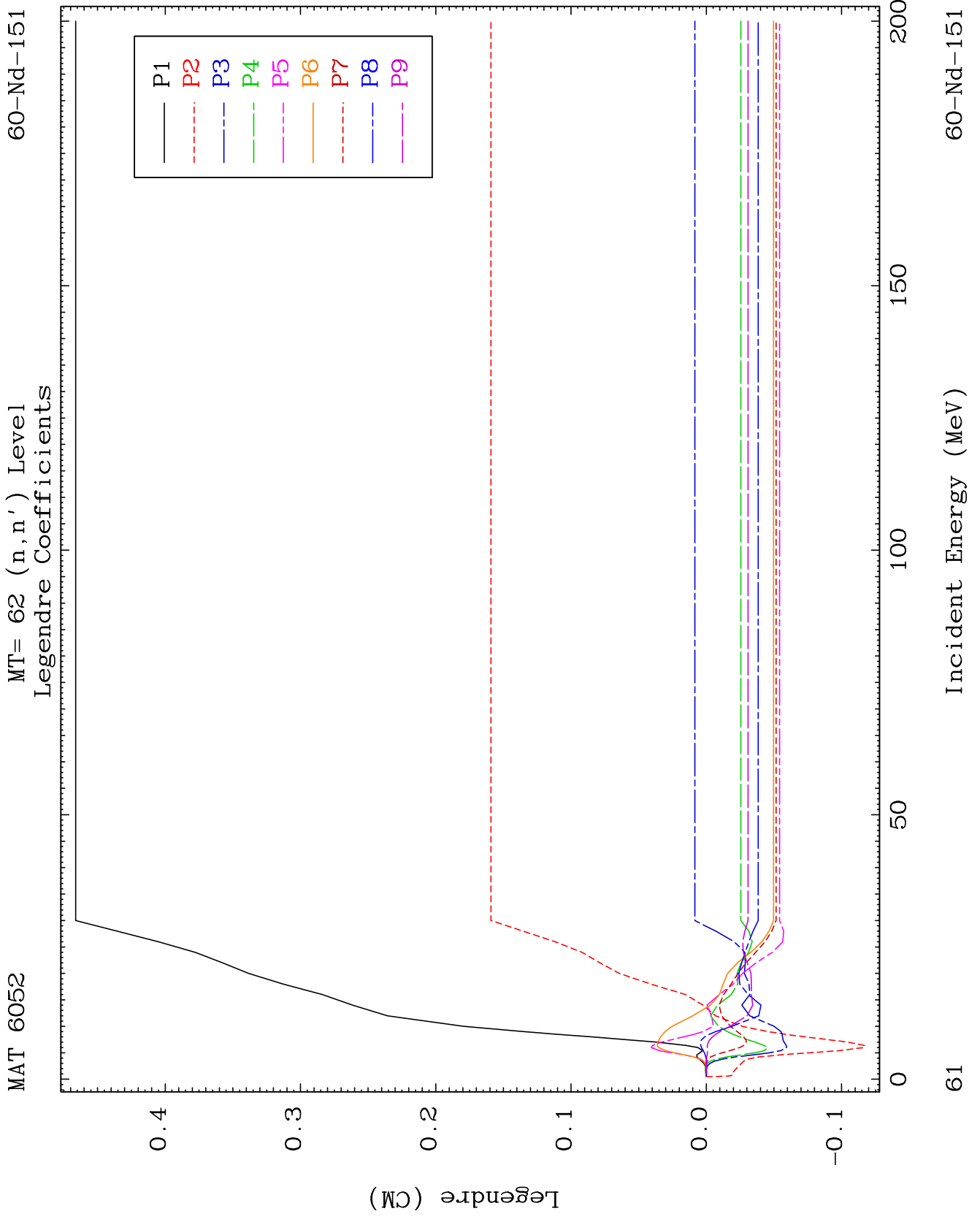
60-Nd-151

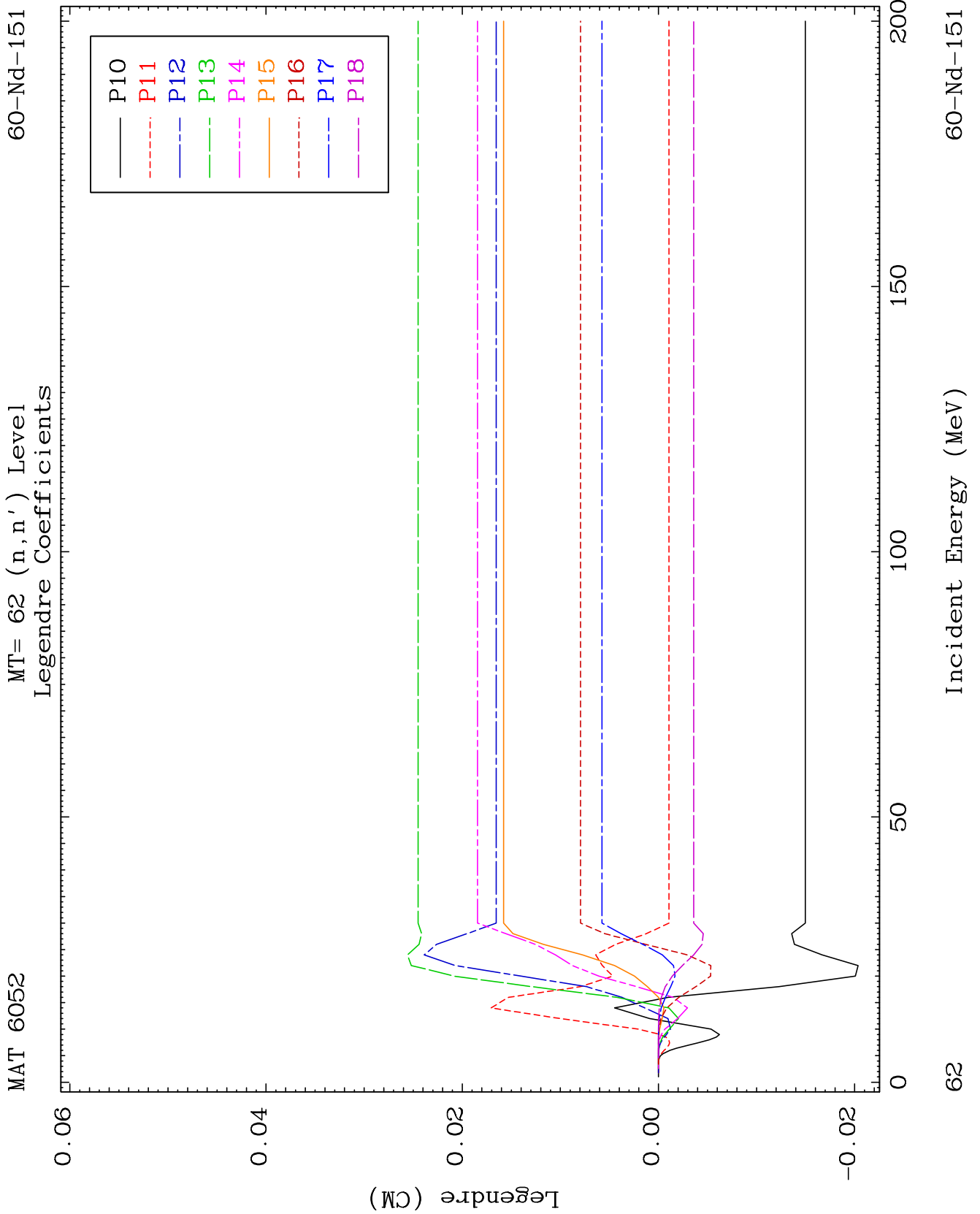


59

60-Nd-151



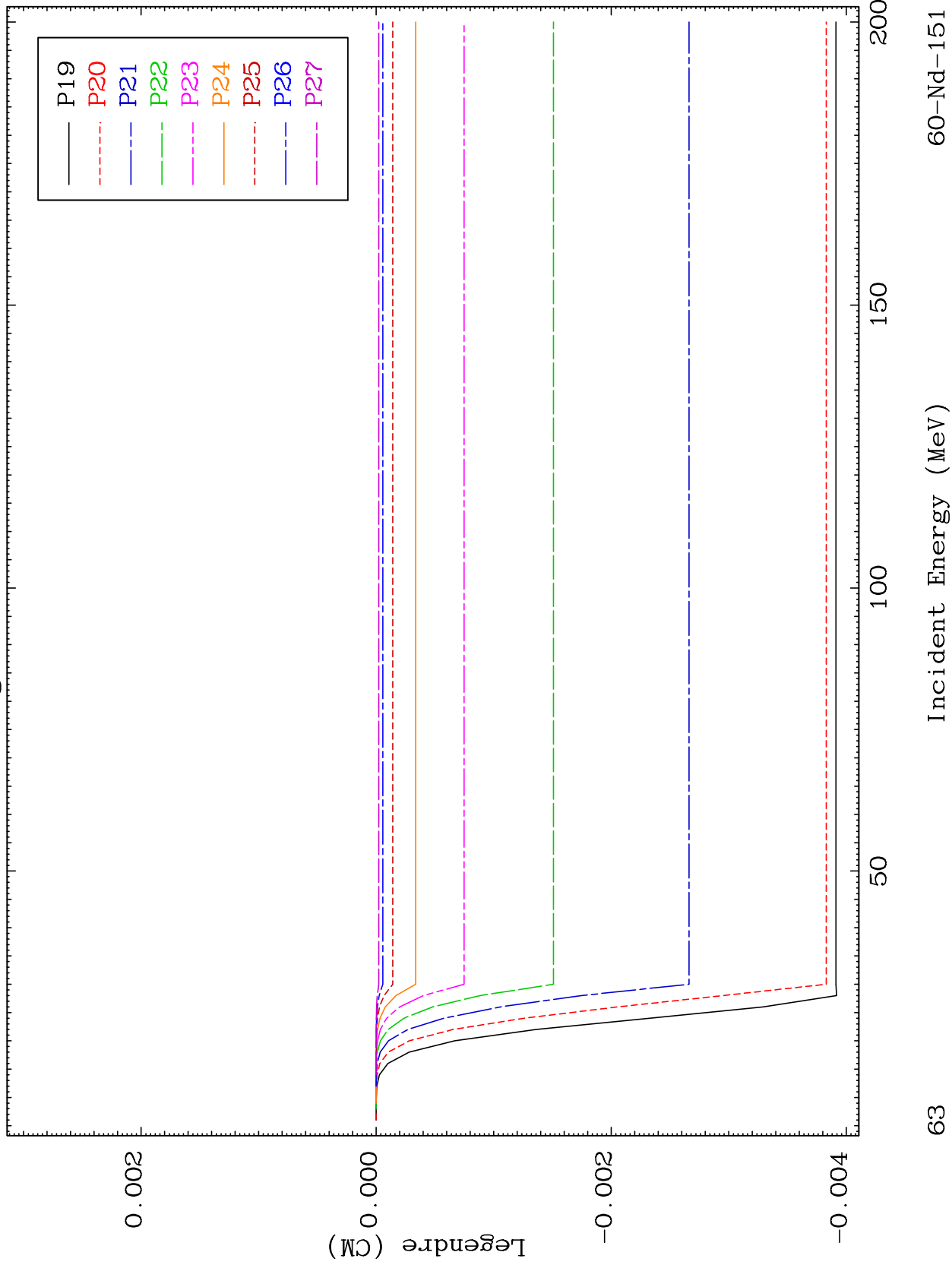




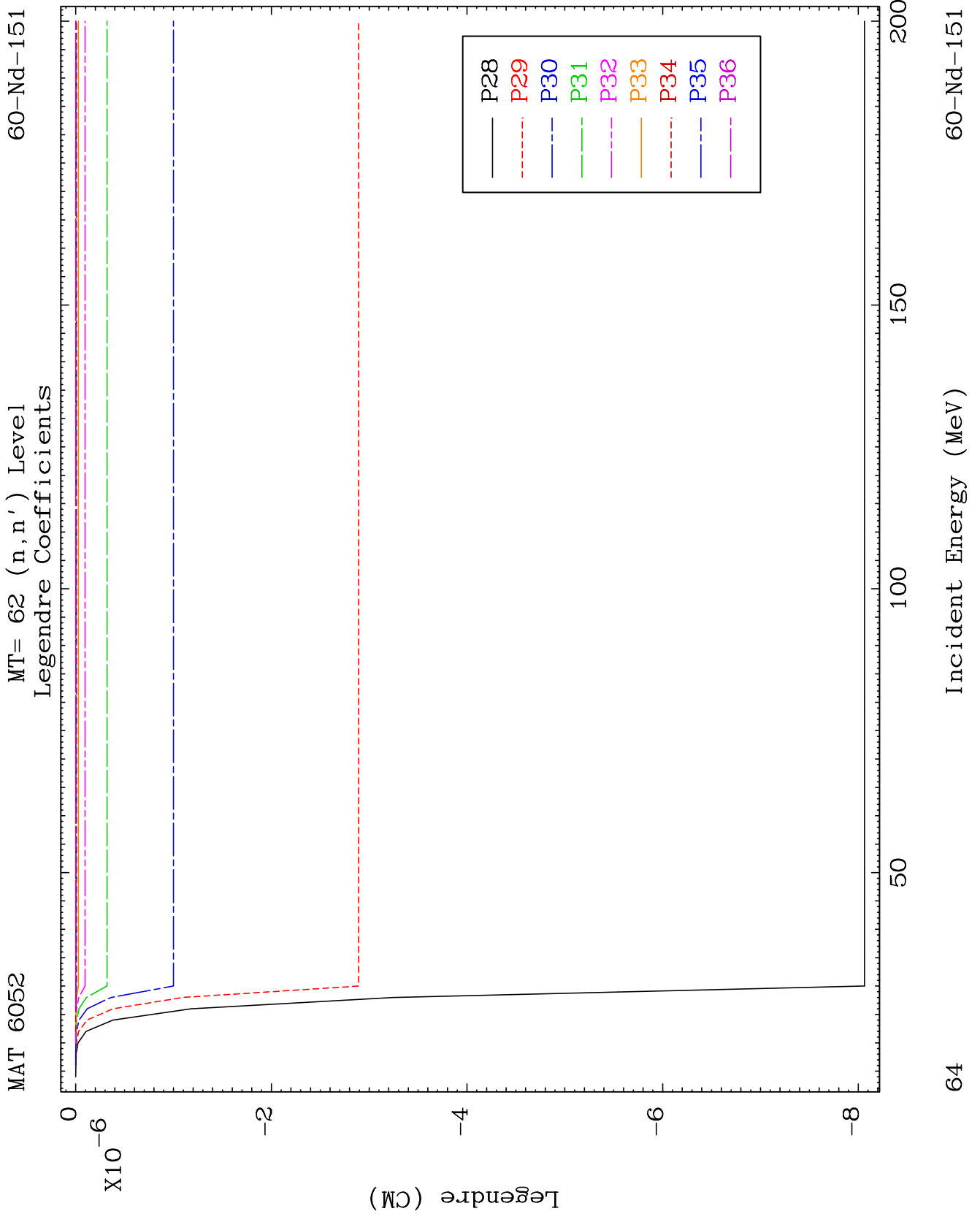
MAT 6052

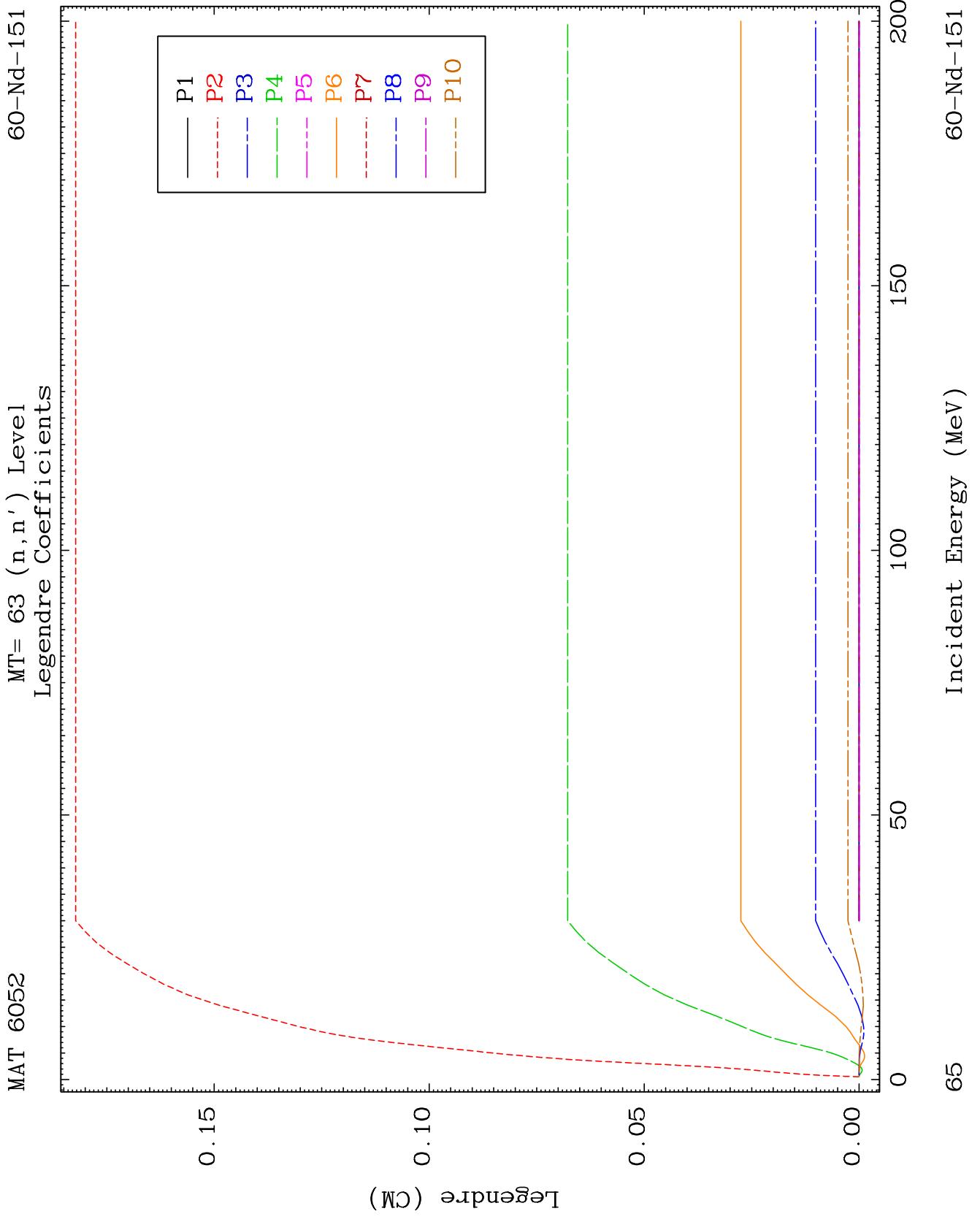
MT= 62 (n,n') Level  
Legendre Coefficients

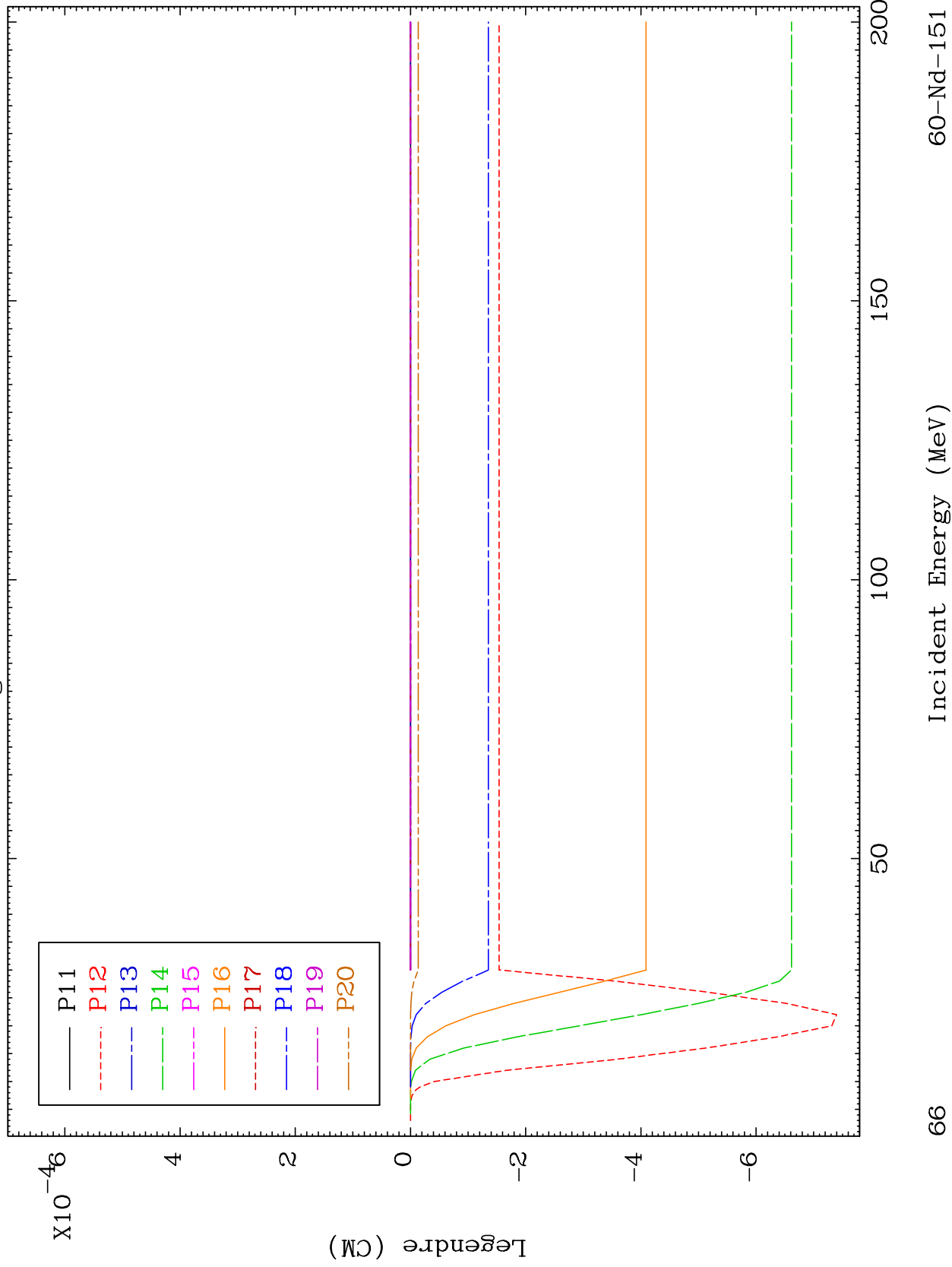
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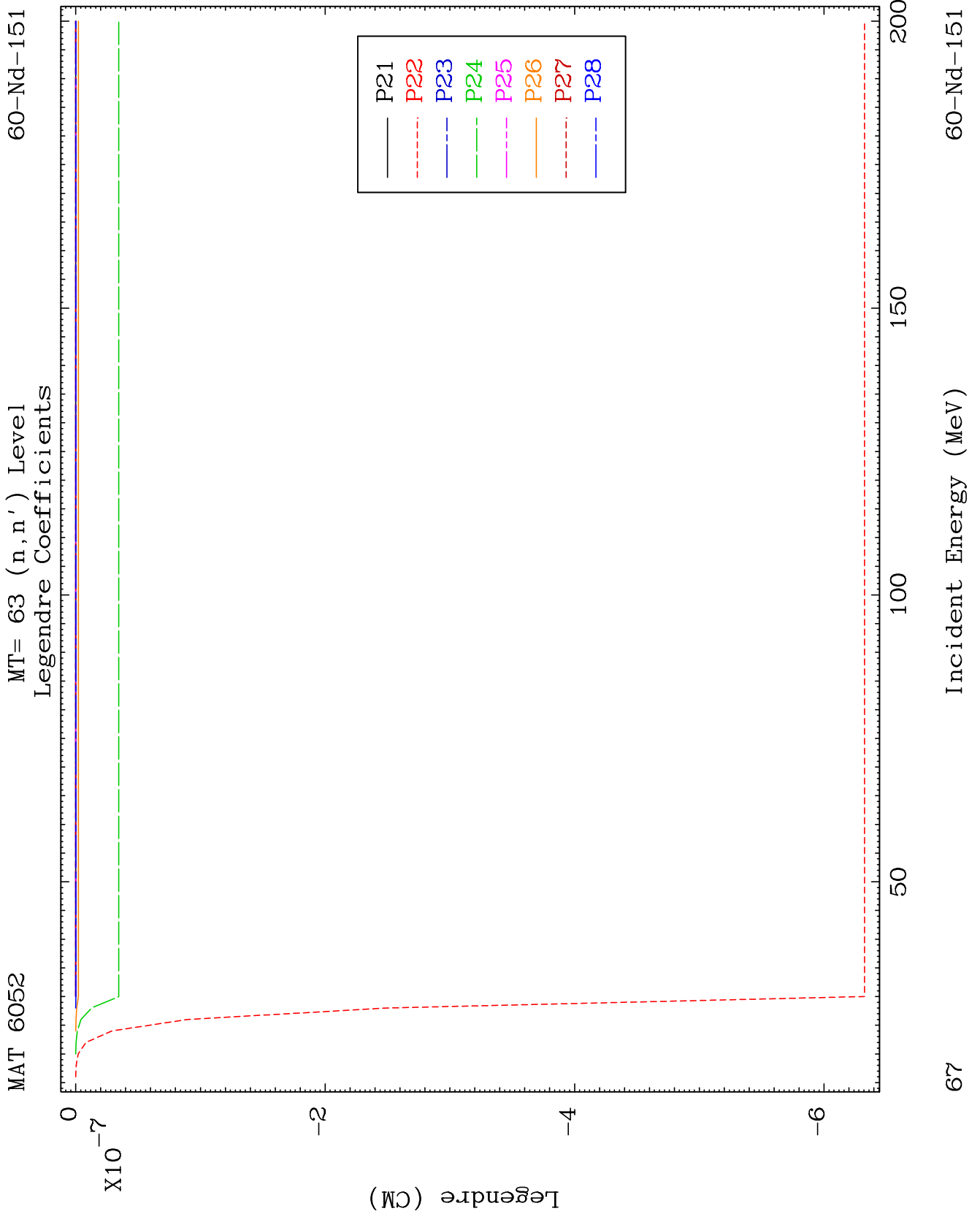










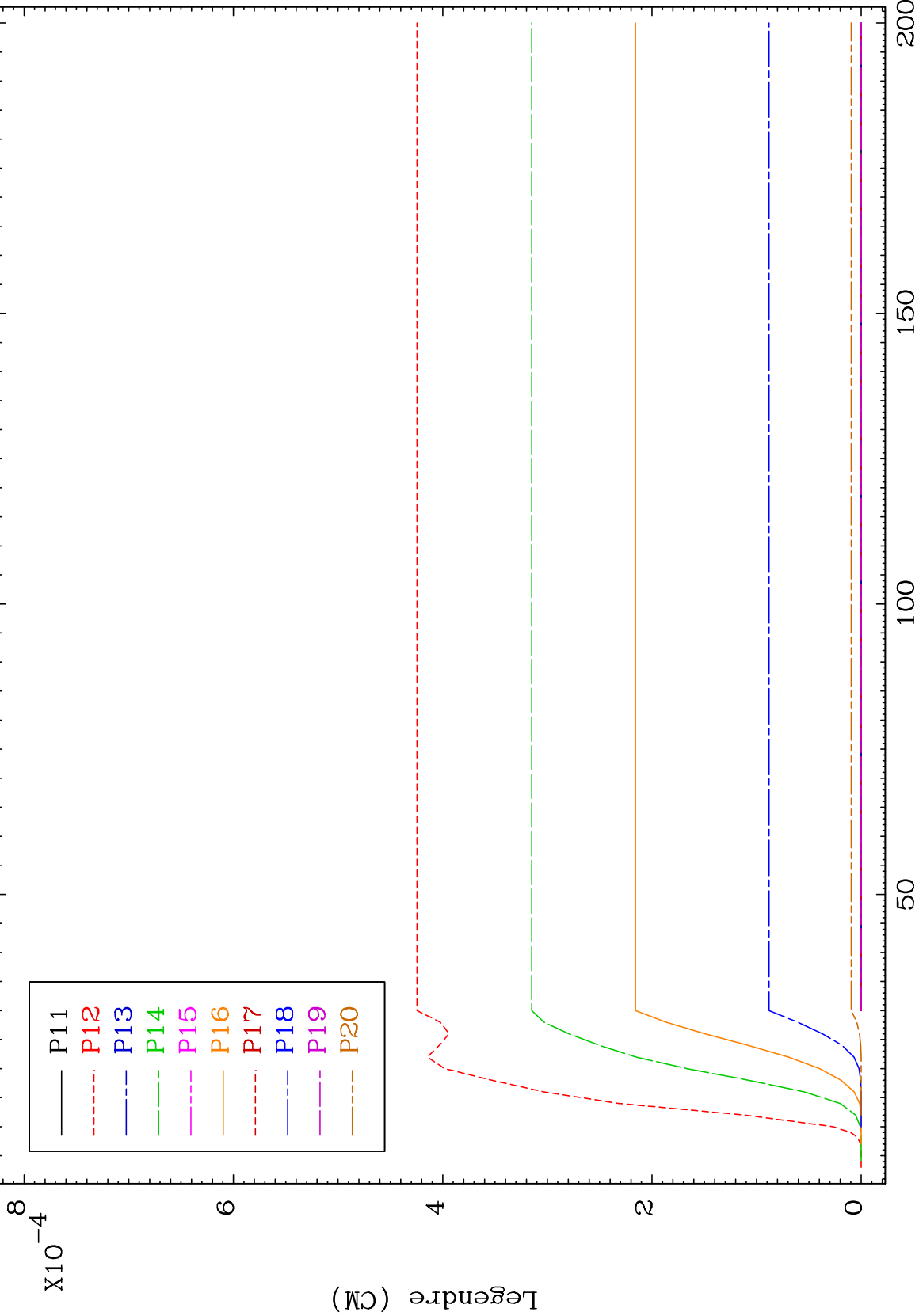




MAT 6052

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

60-Nd-151

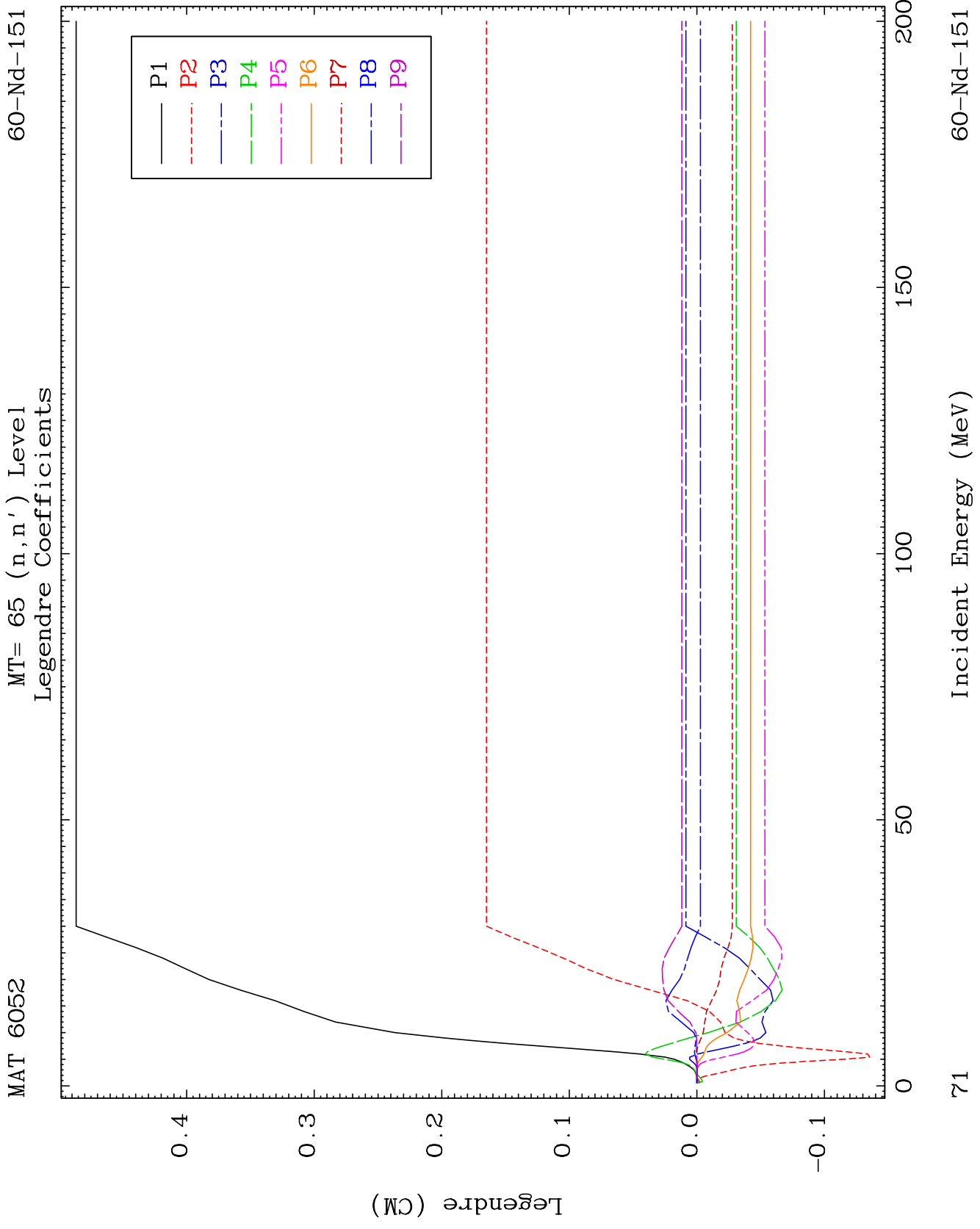


69

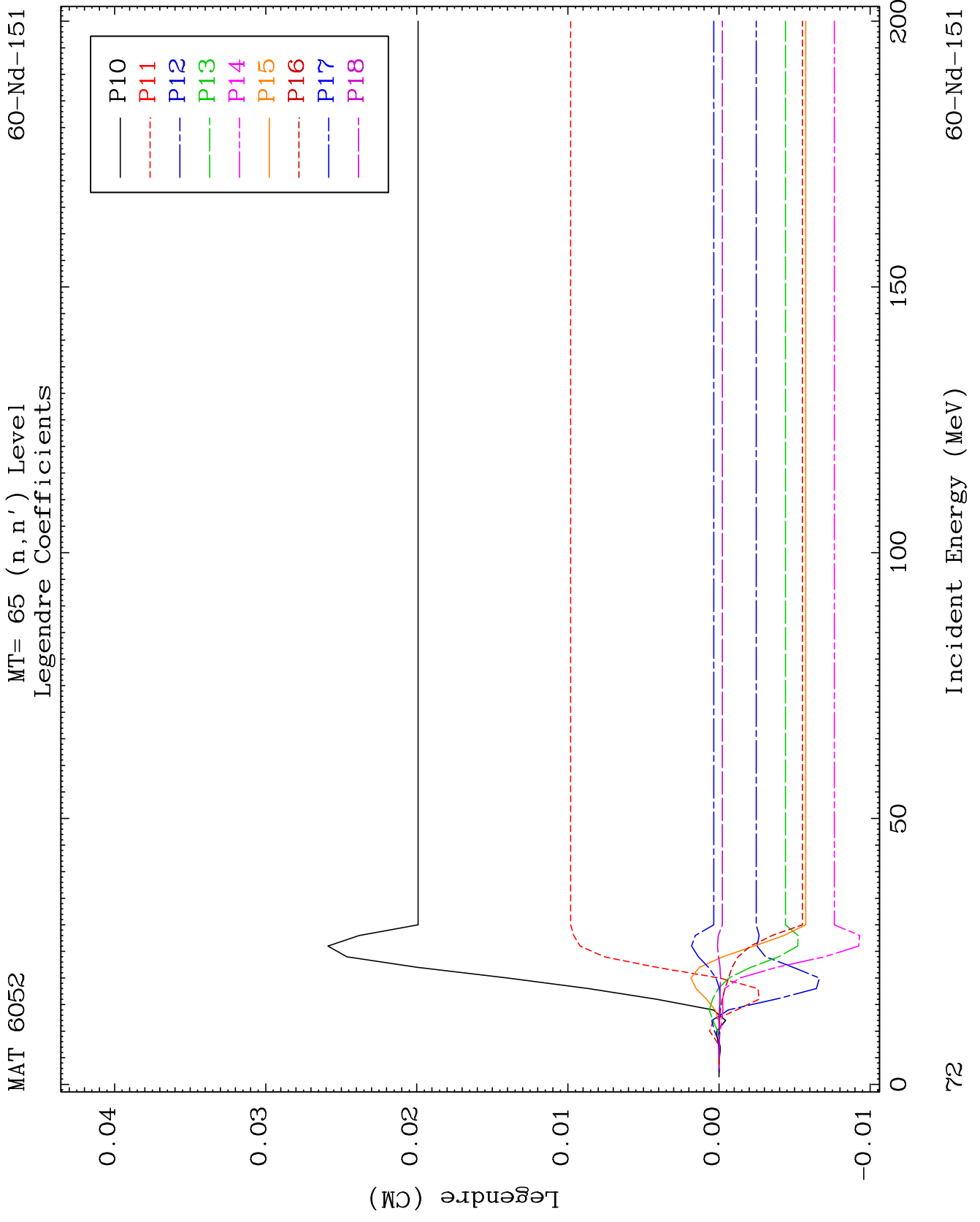
Incident Energy (MeV)

60-Nd-151





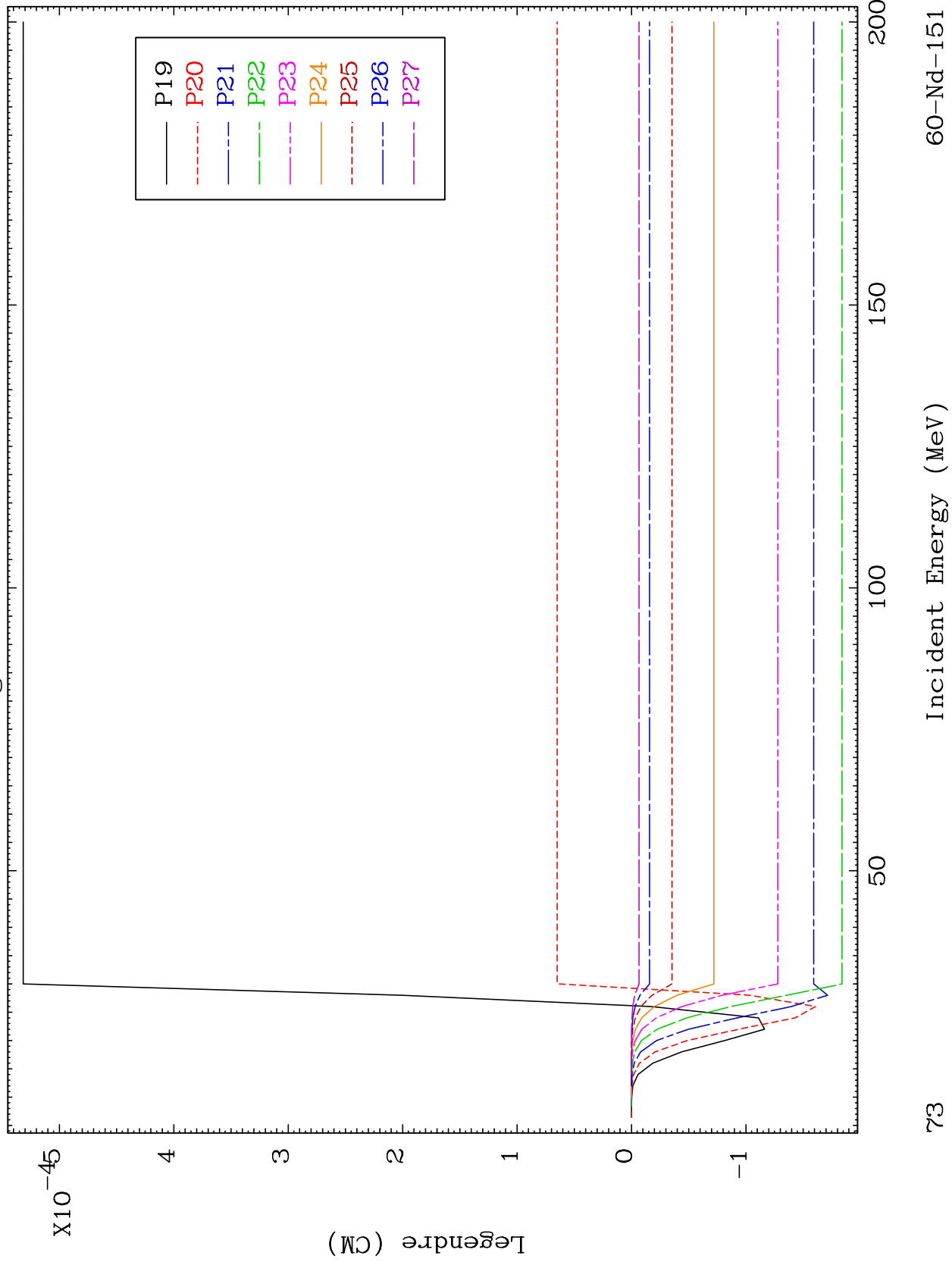


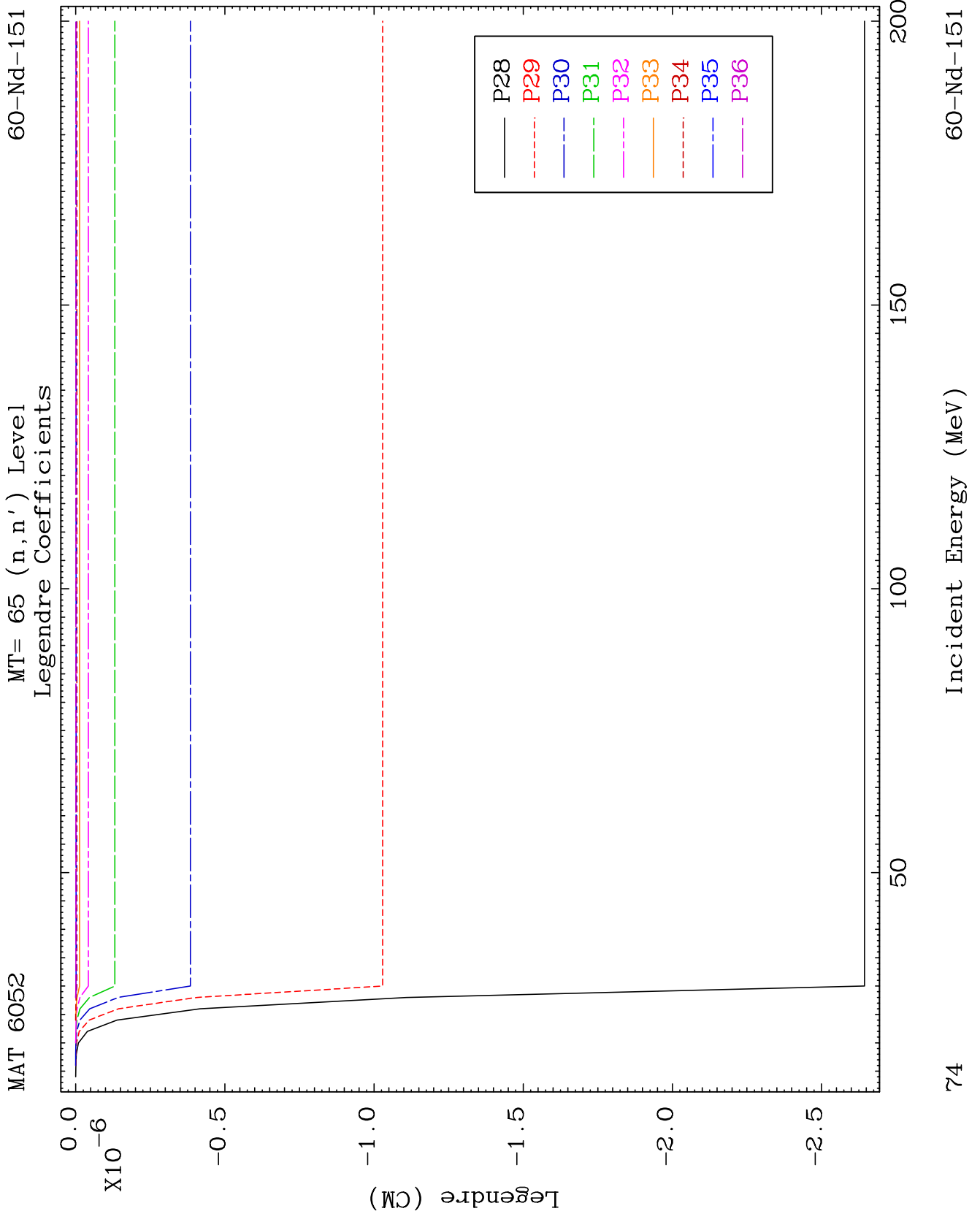


MAT 6052

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

60-Nd-151

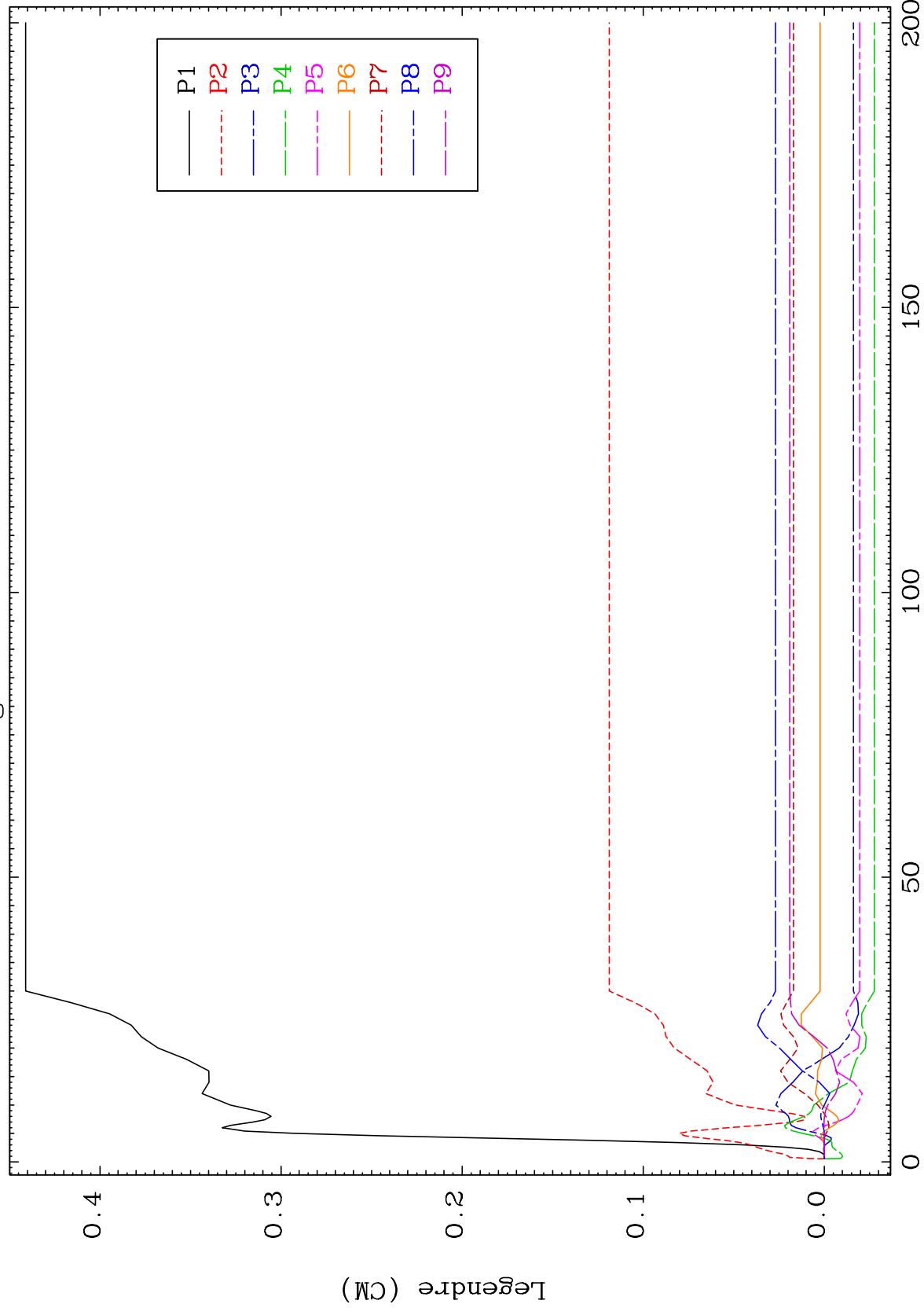




MAT 6052

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

60-Nd-151



75

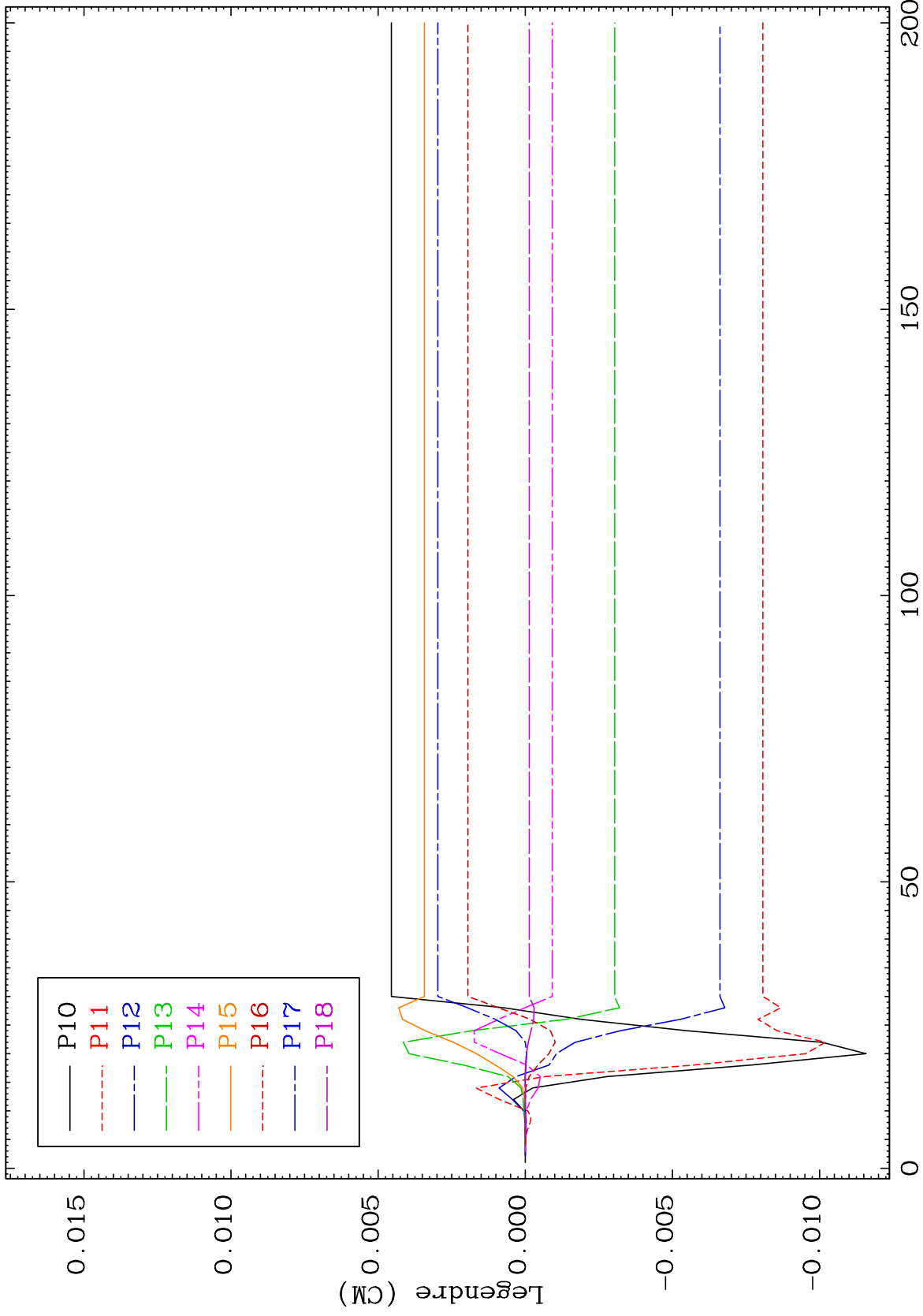
Incident Energy (MeV)

60-Nd-151

MAT 6052

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

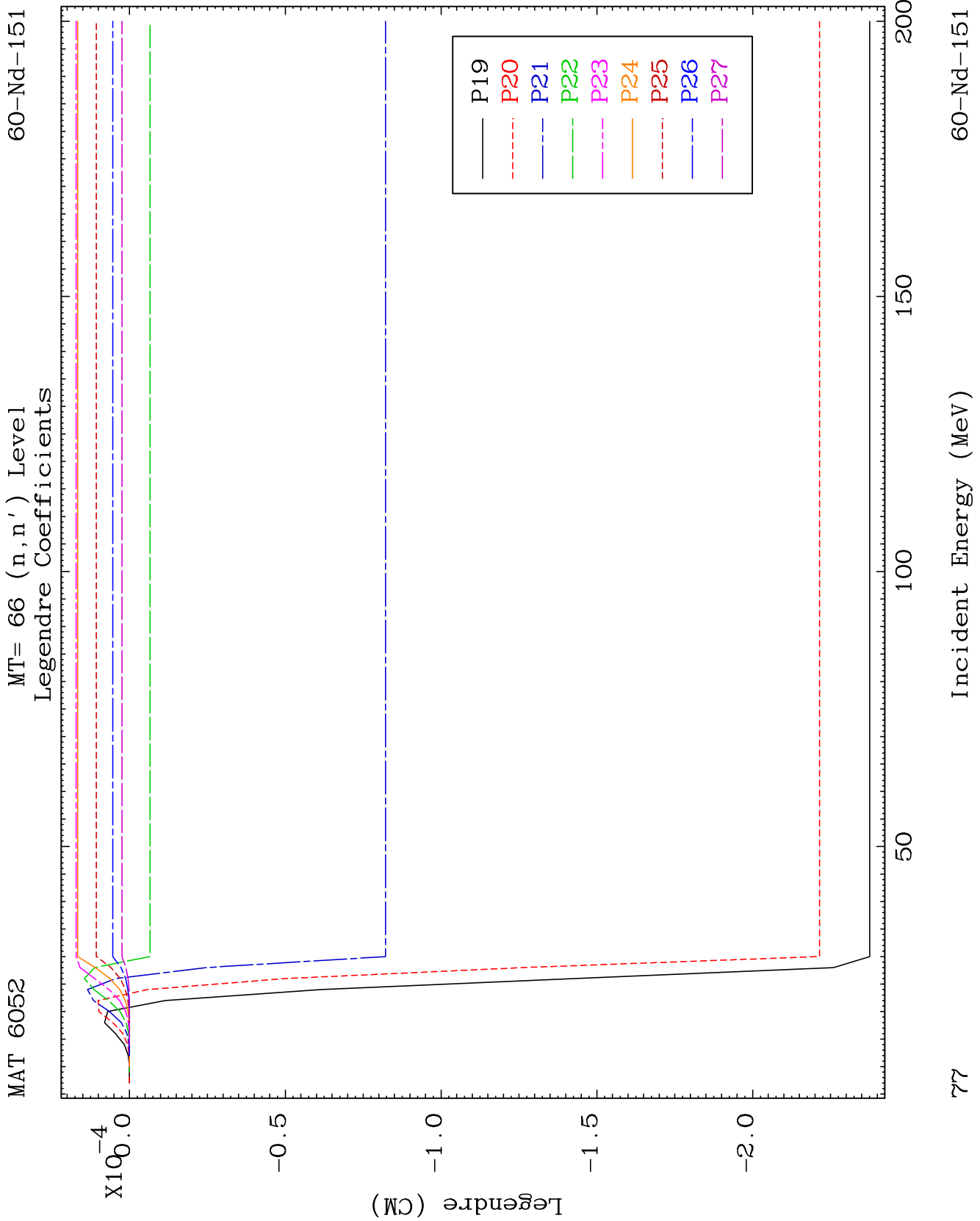
60-Nd-151



76

Incident Energy (MeV)

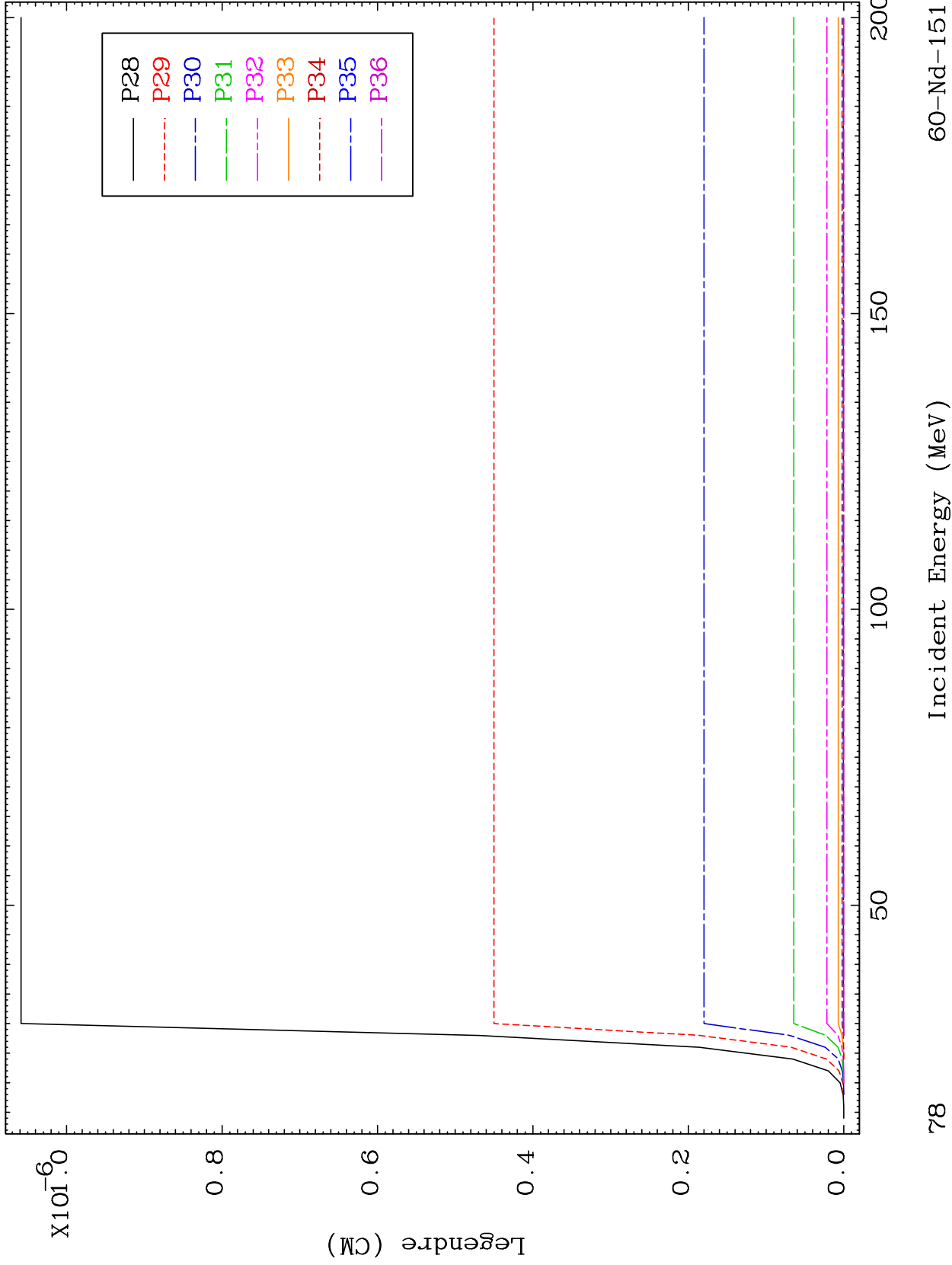
60-Nd-151



MAT 6052

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

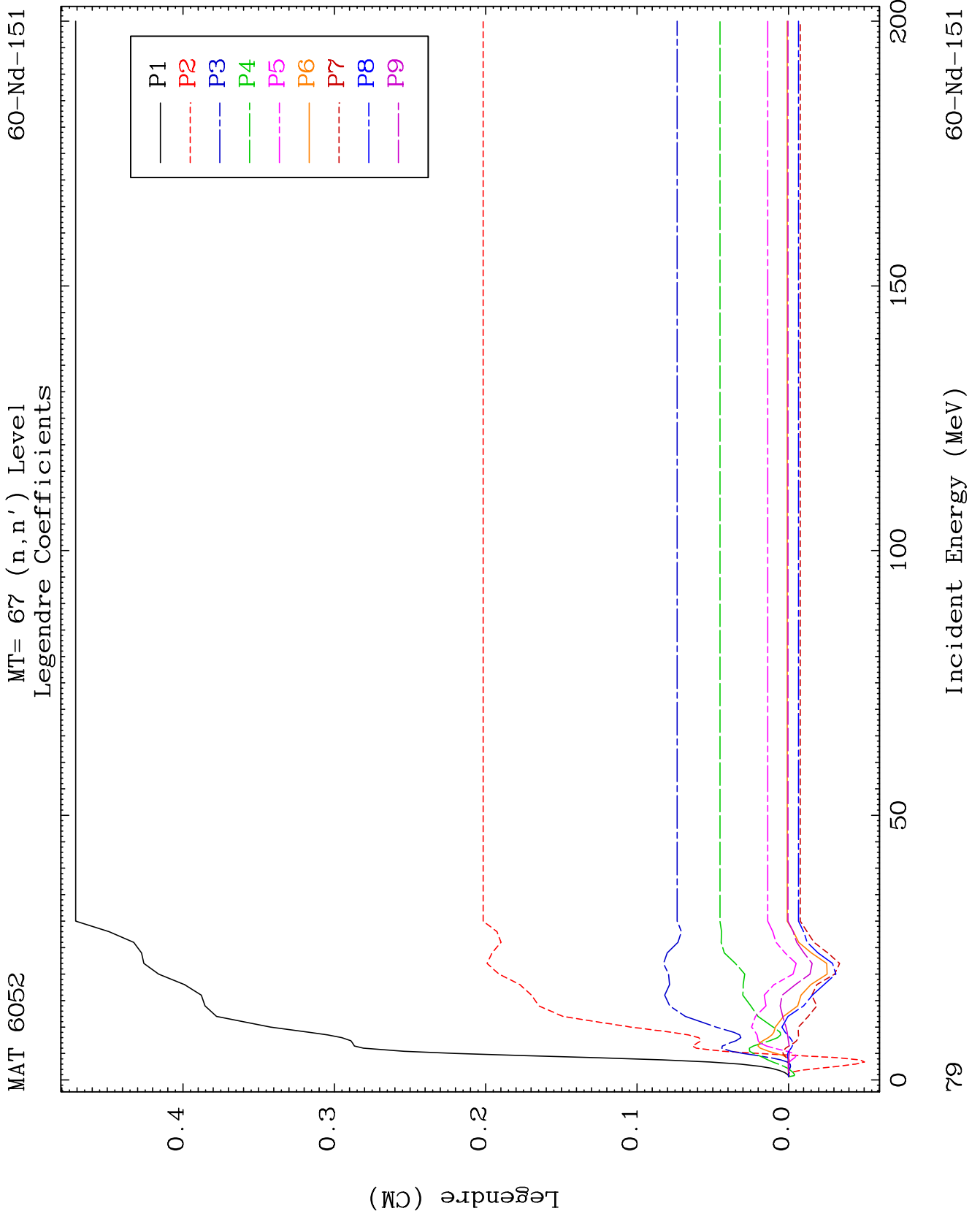
60-Nd-151



78

Incident Energy (MeV)

60-Nd-151



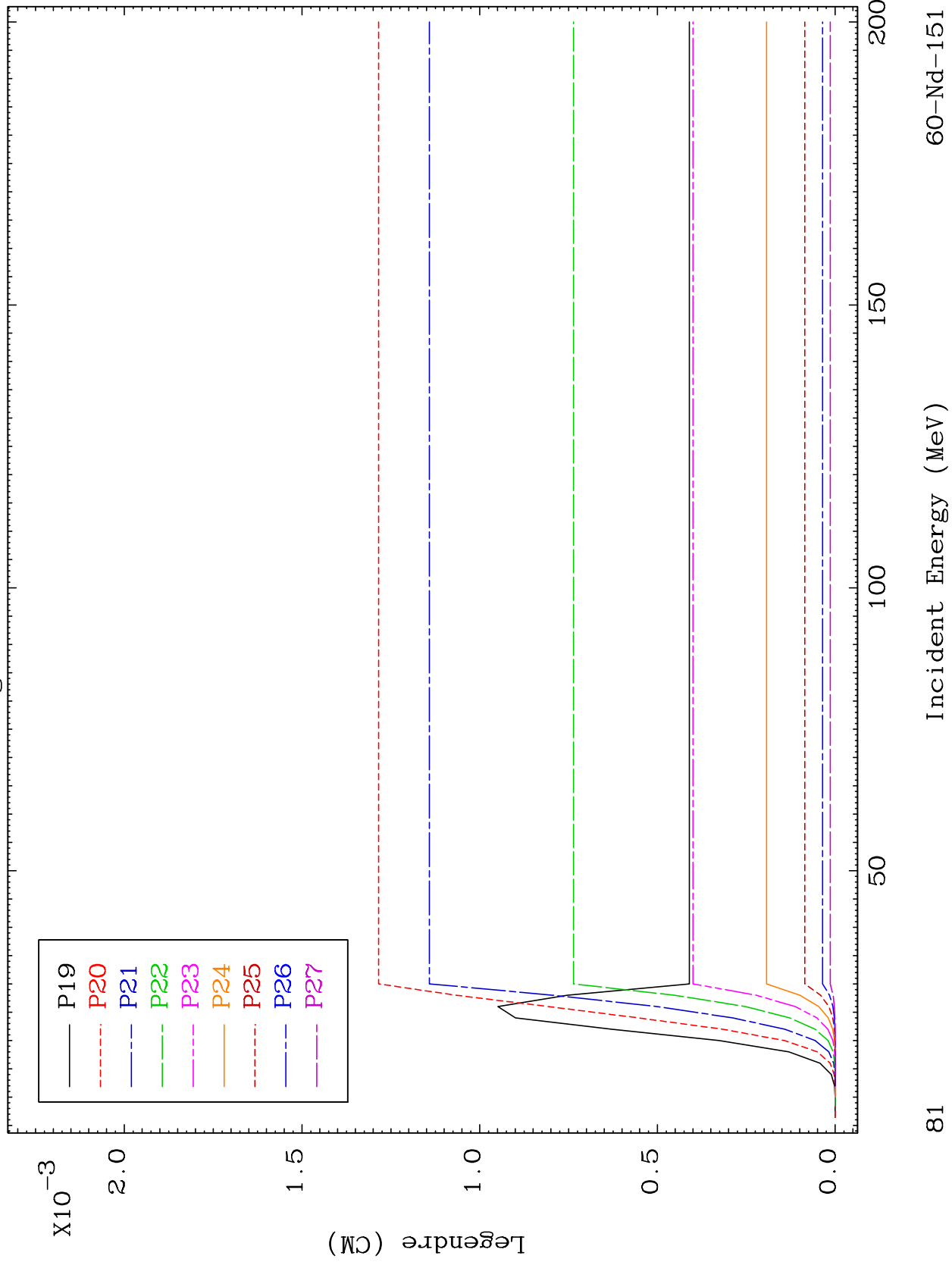




MAT 6052

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

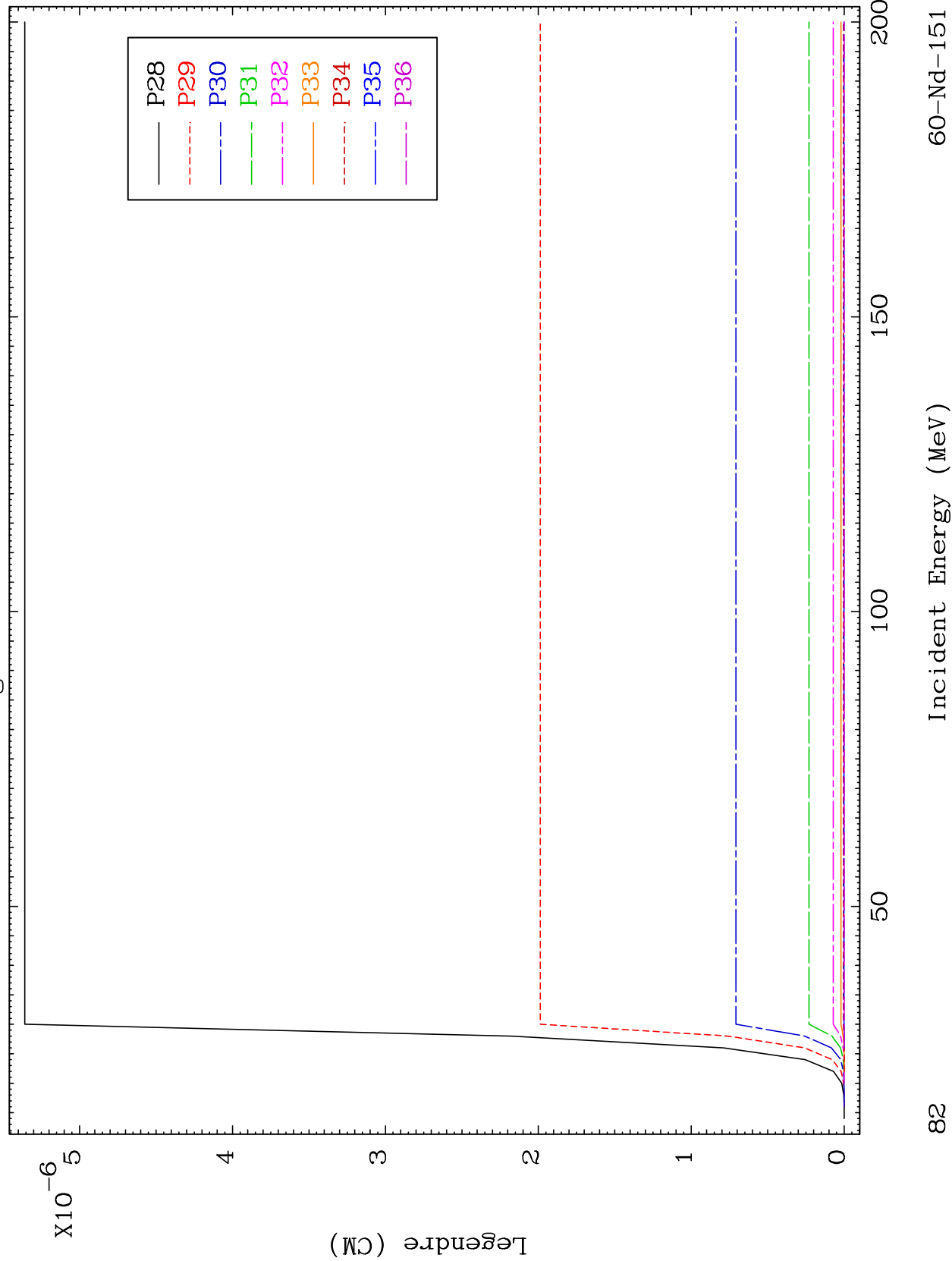
60-Nd-151



MAT 6052

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

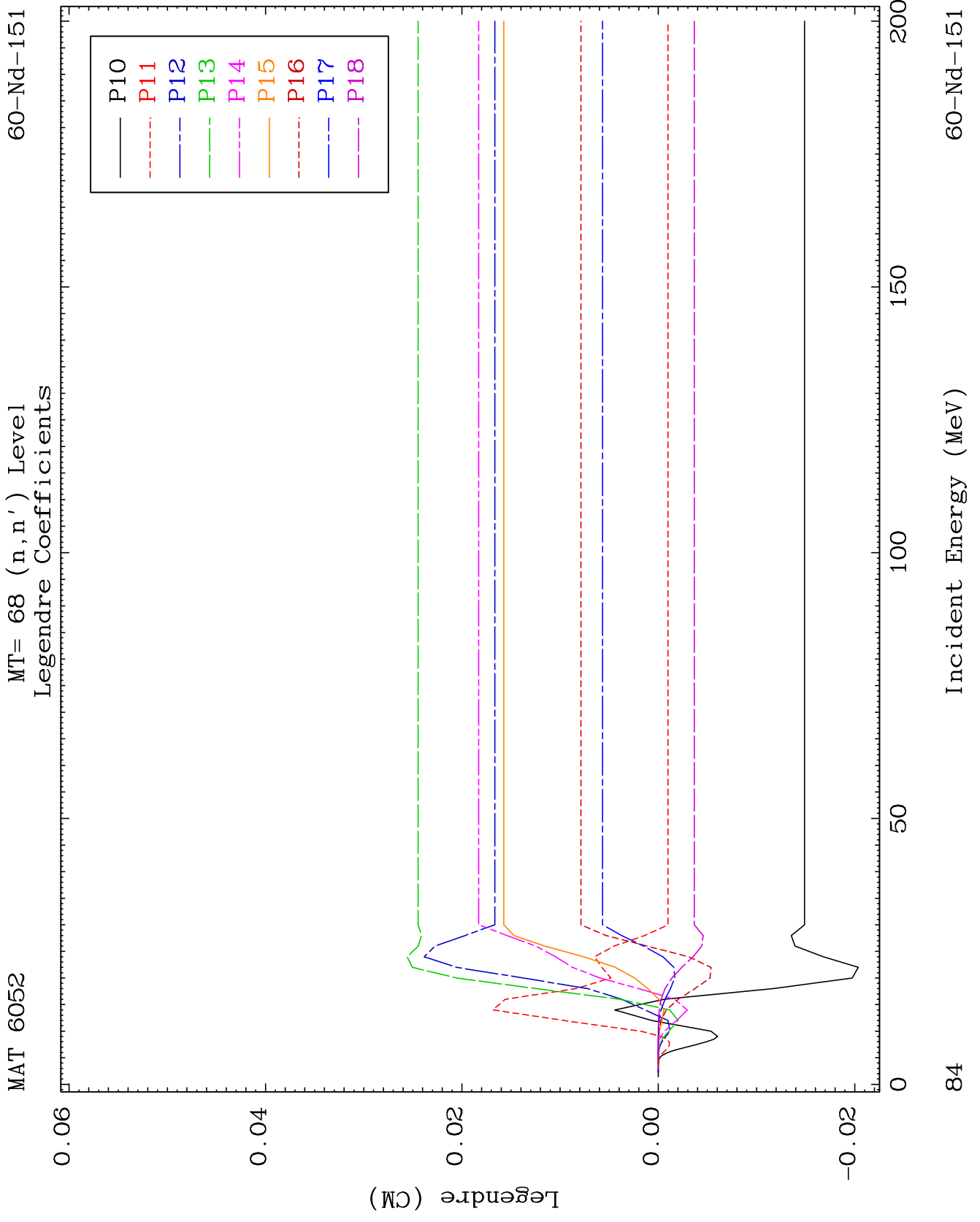
60-Nd-151



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60-Nd-151

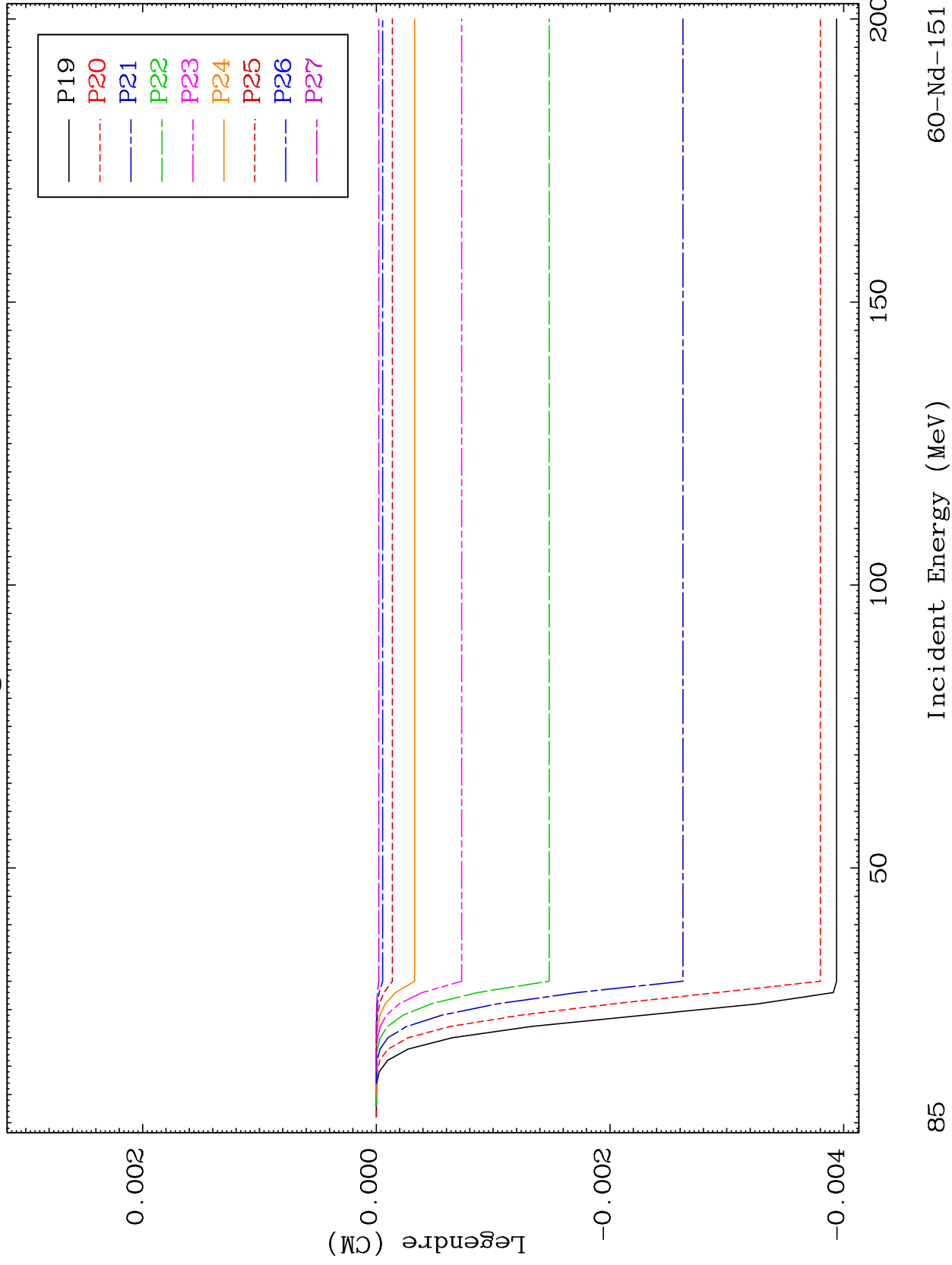




MAT 6052

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

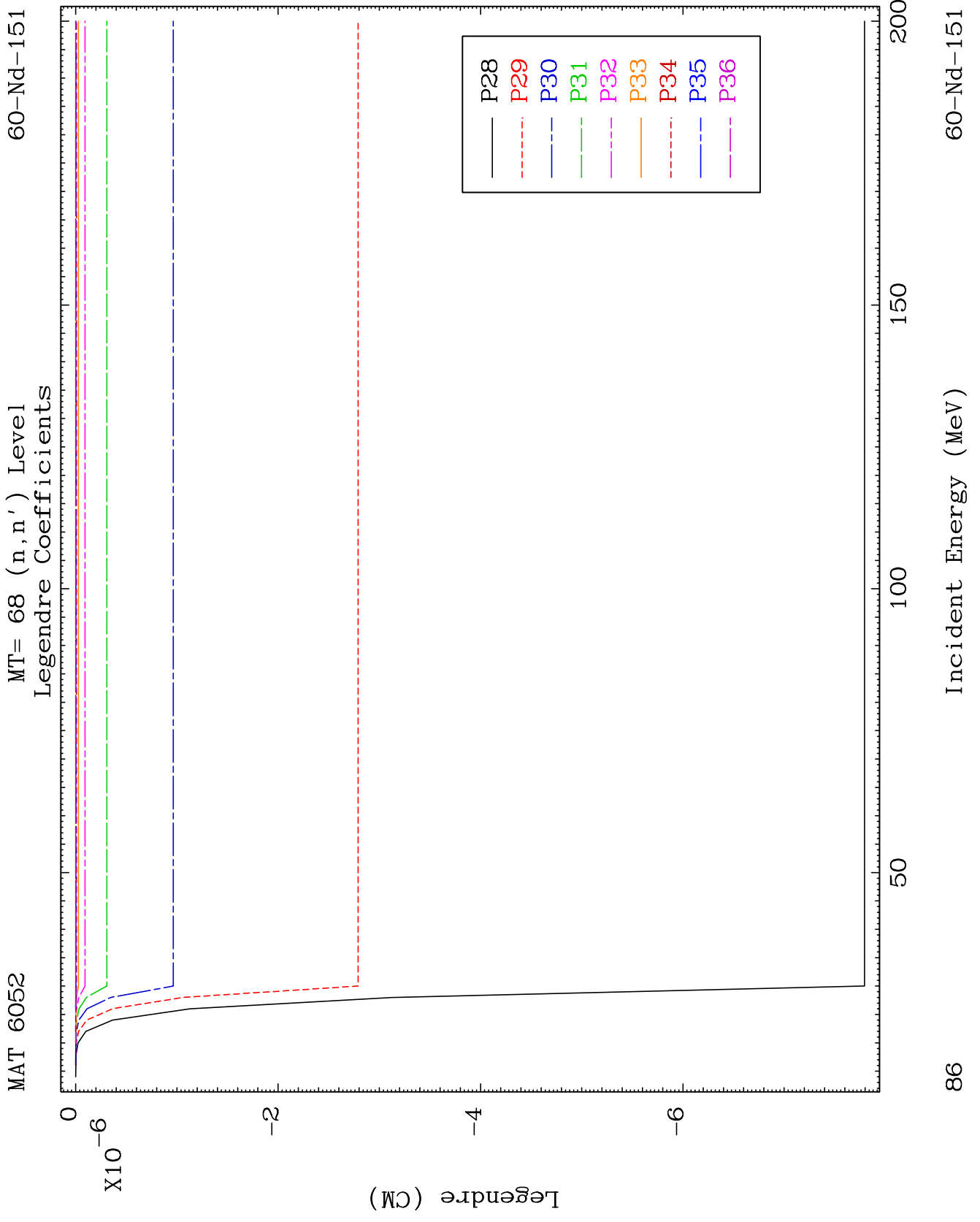
60-Nd-151



85

Incident Energy (MeV)

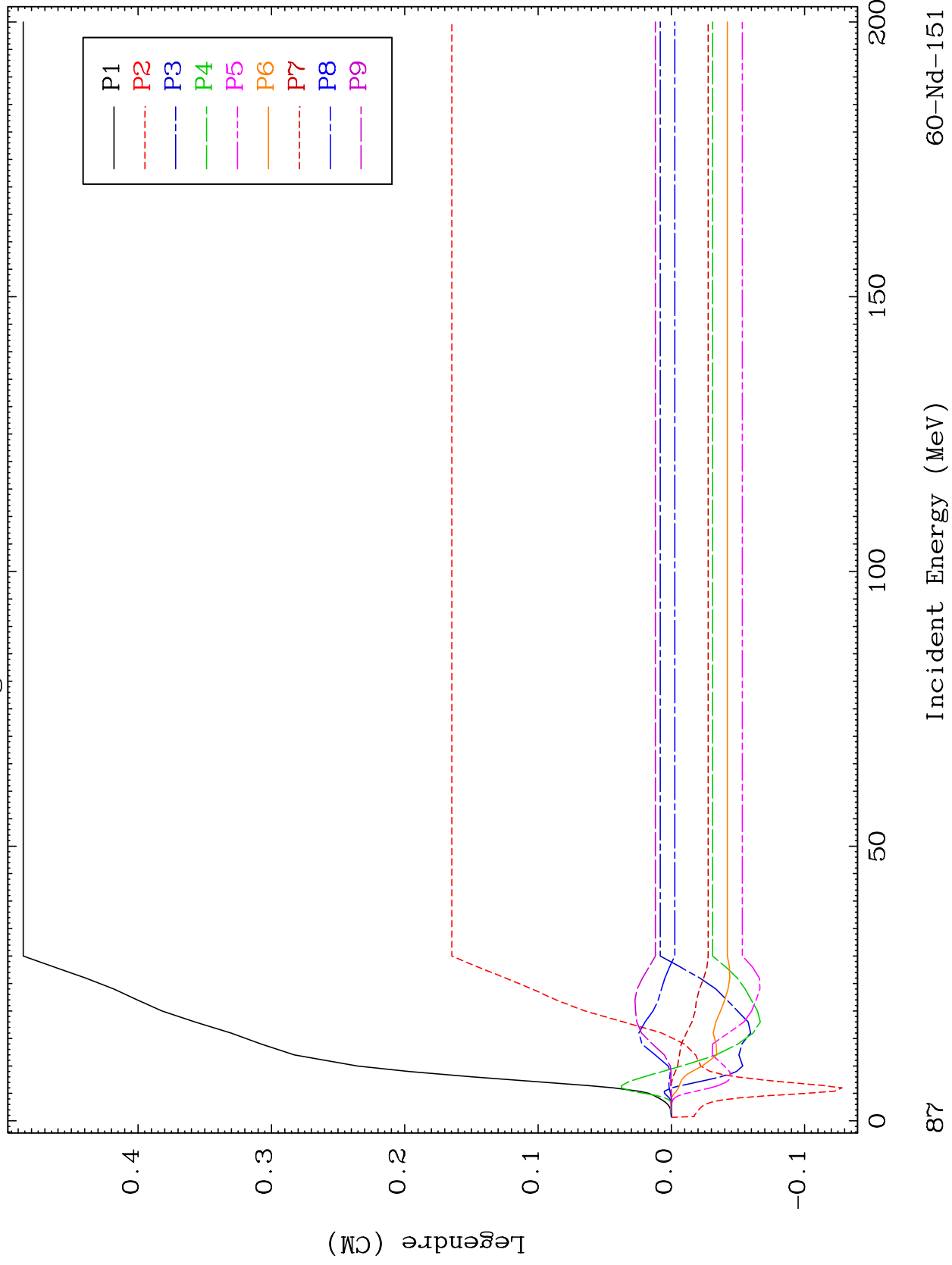
60-Nd-151



MAT 6052

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

60-Nd-151

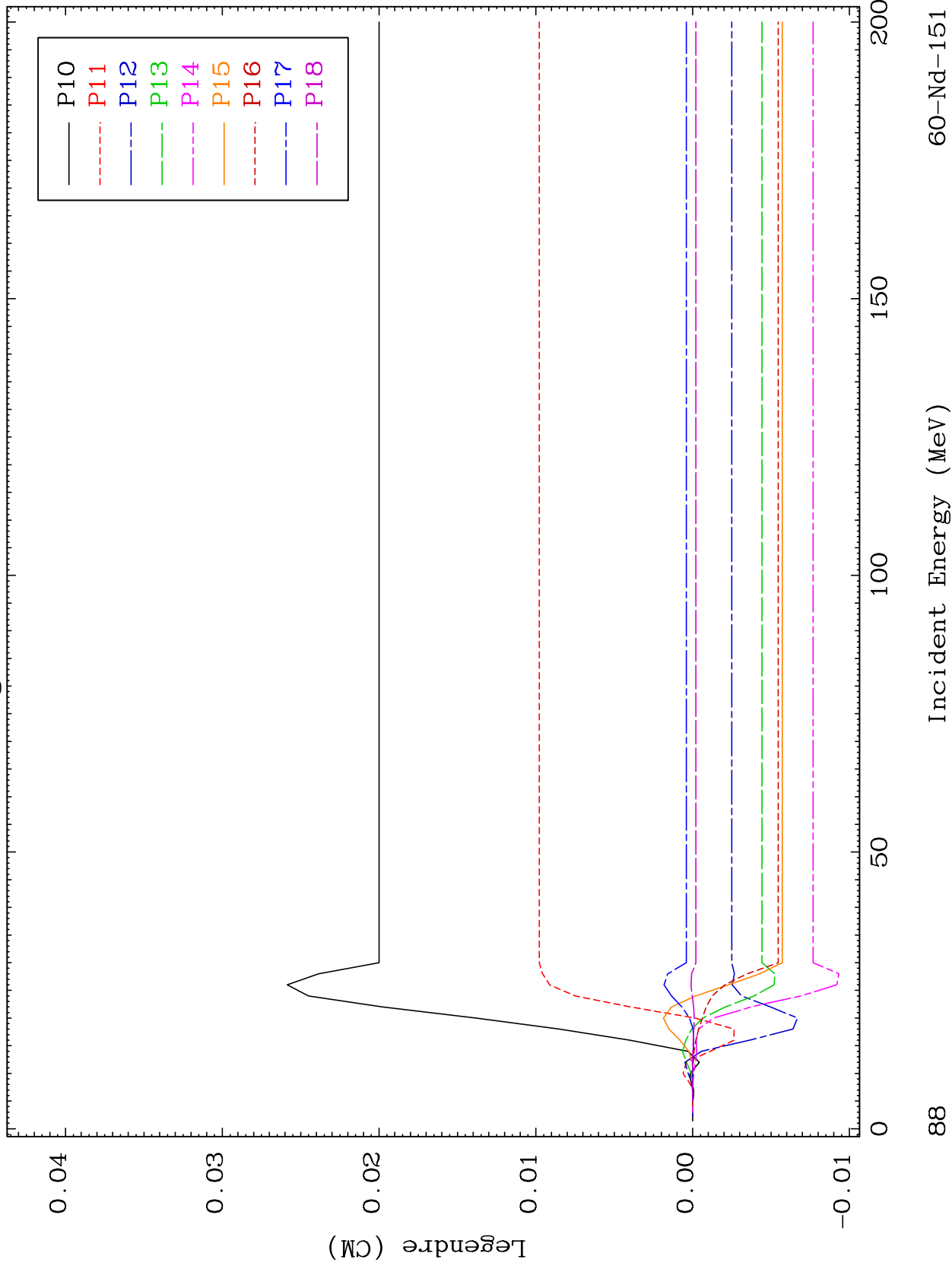




MAT 6052

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

60-Nd-151



60-Nd-151

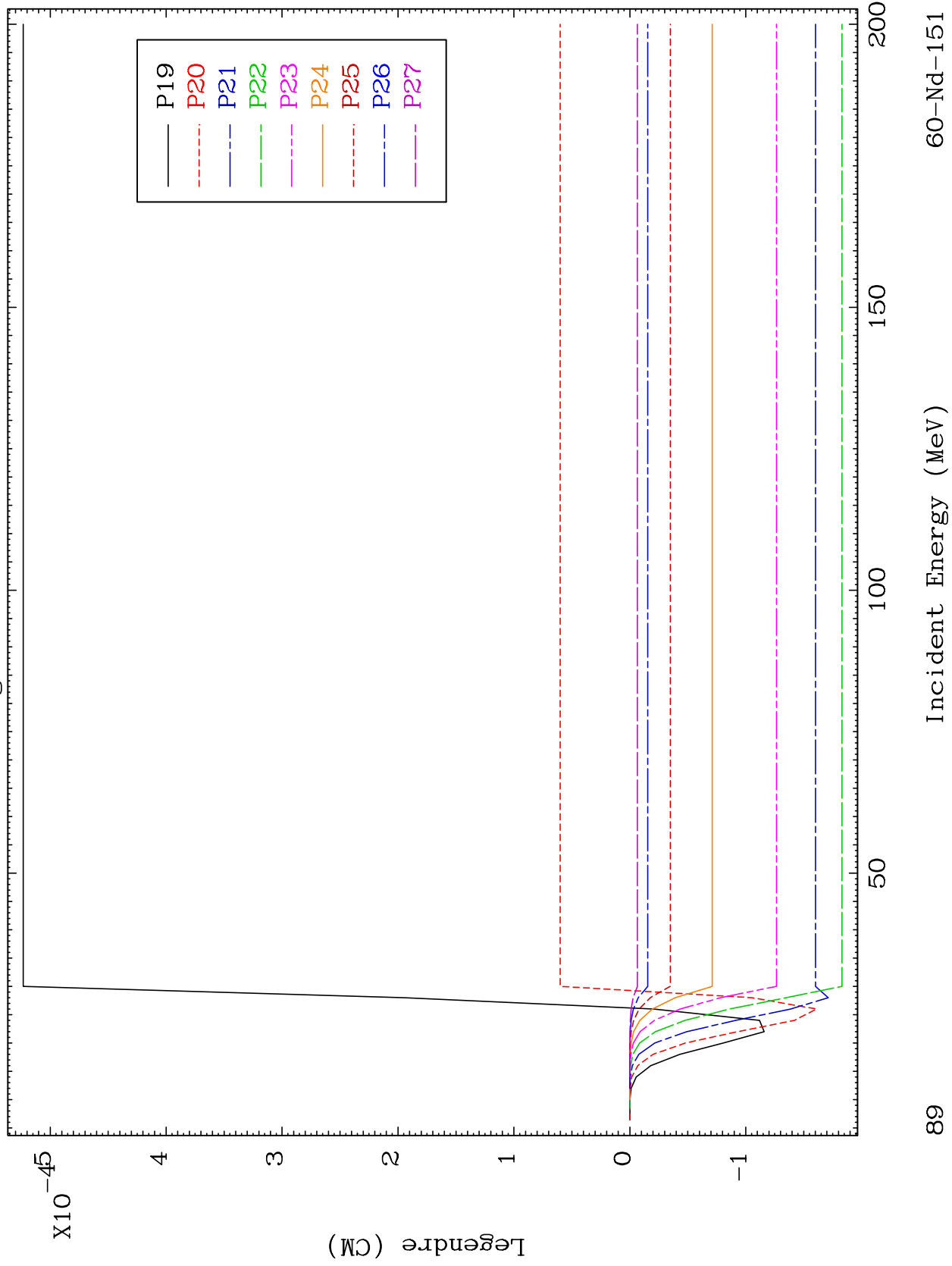
Incident Energy (MeV)

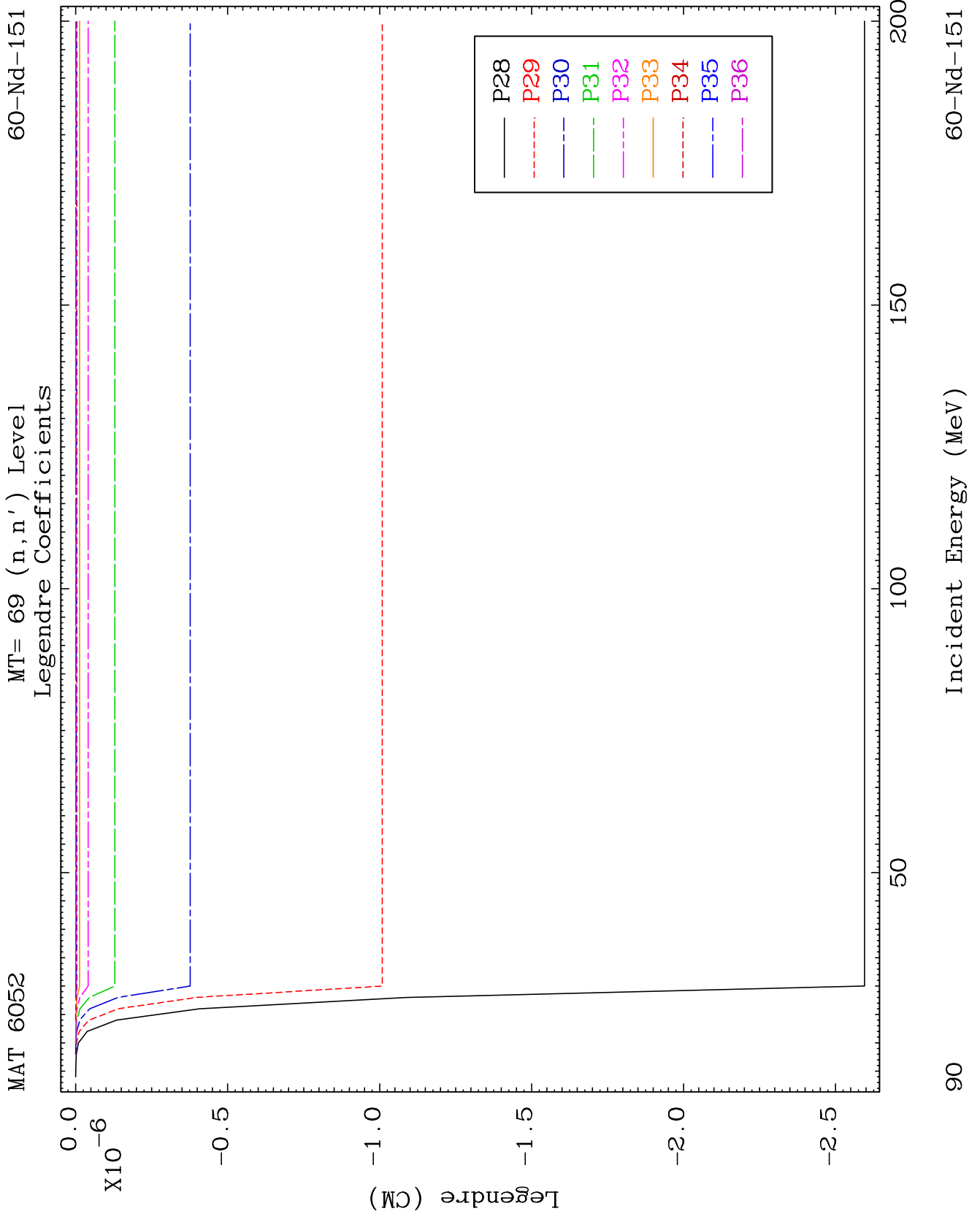
88

MAT 6052

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

60-Nd-151

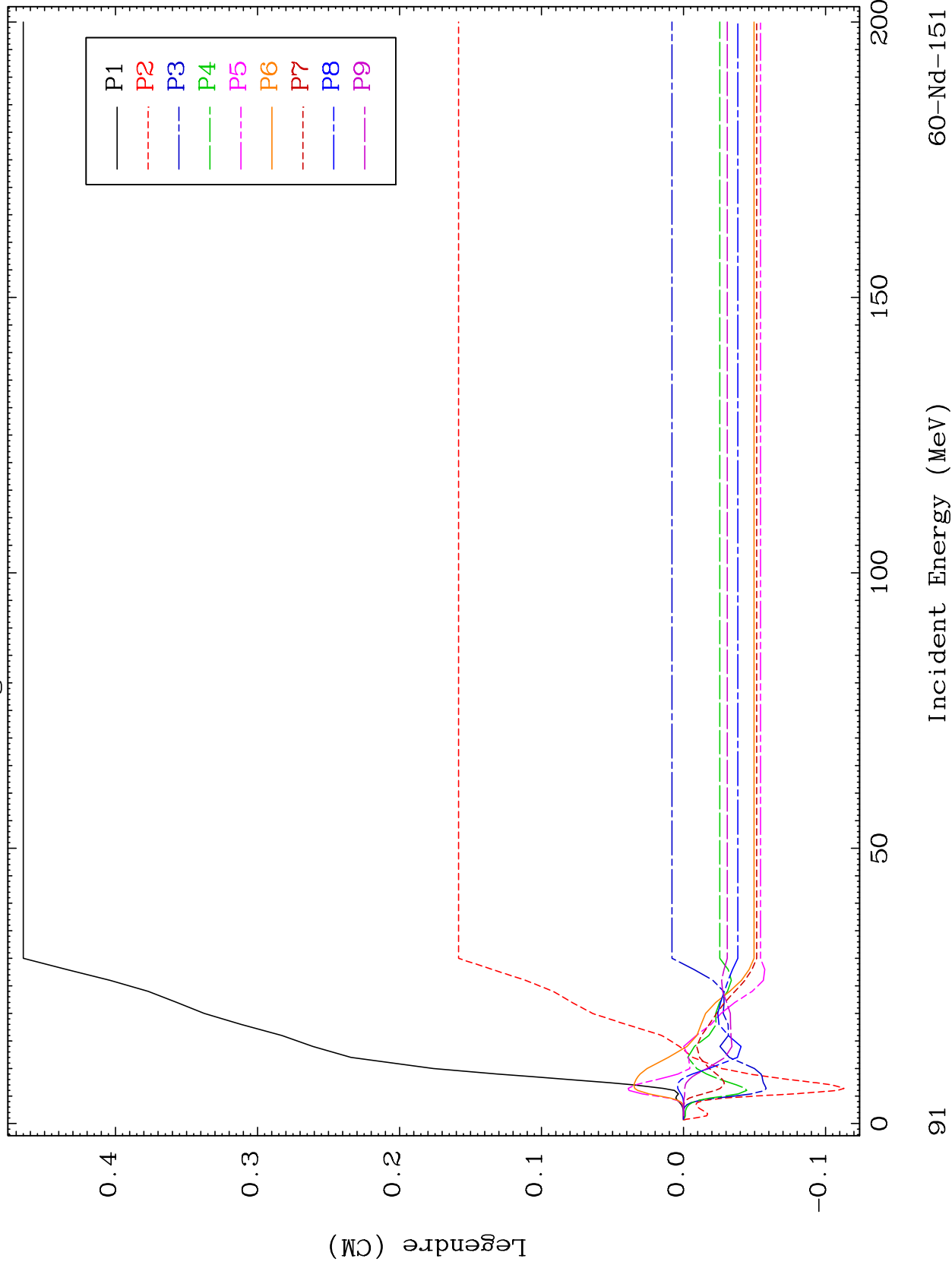




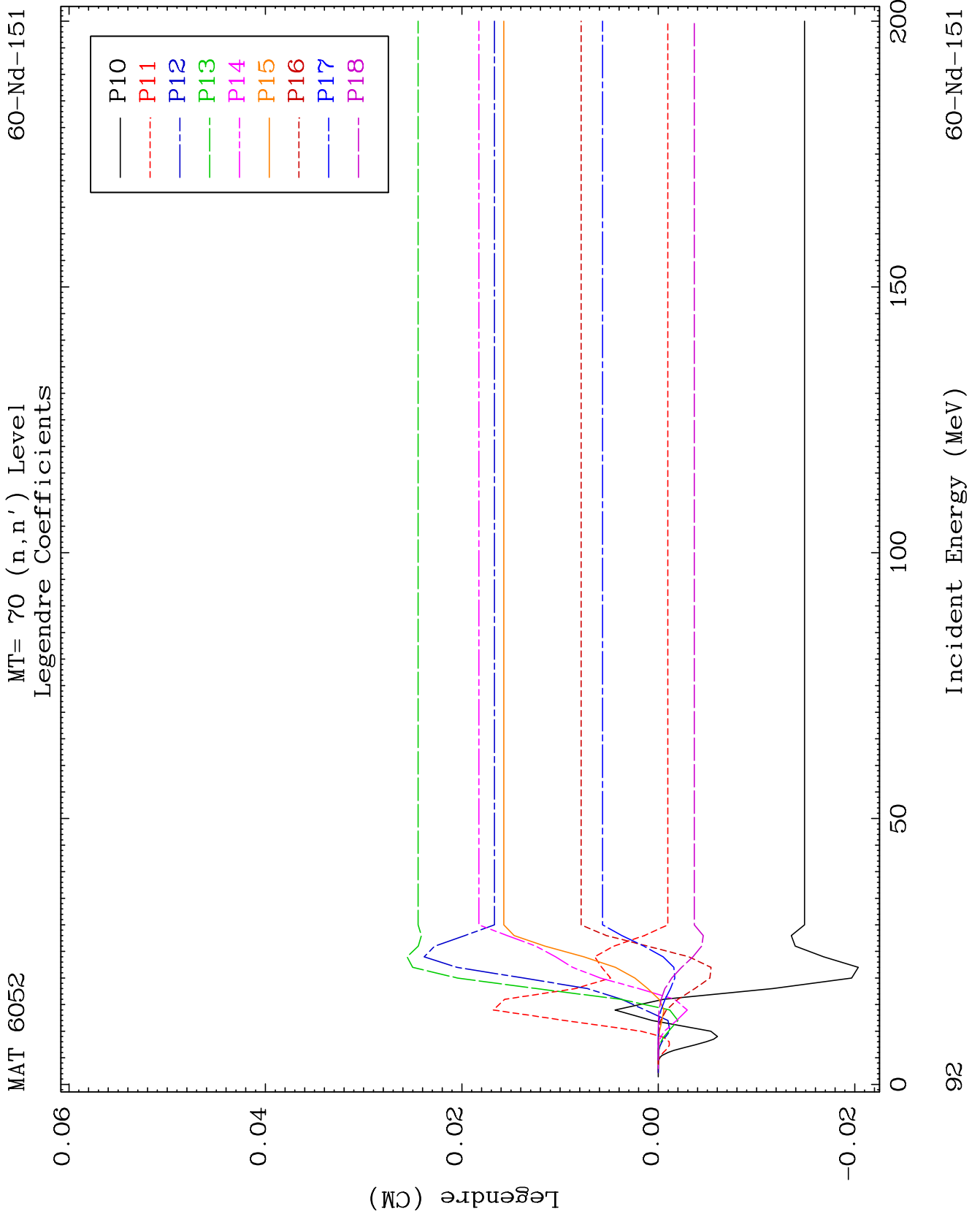
MAT 6052

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

60-Nd-151



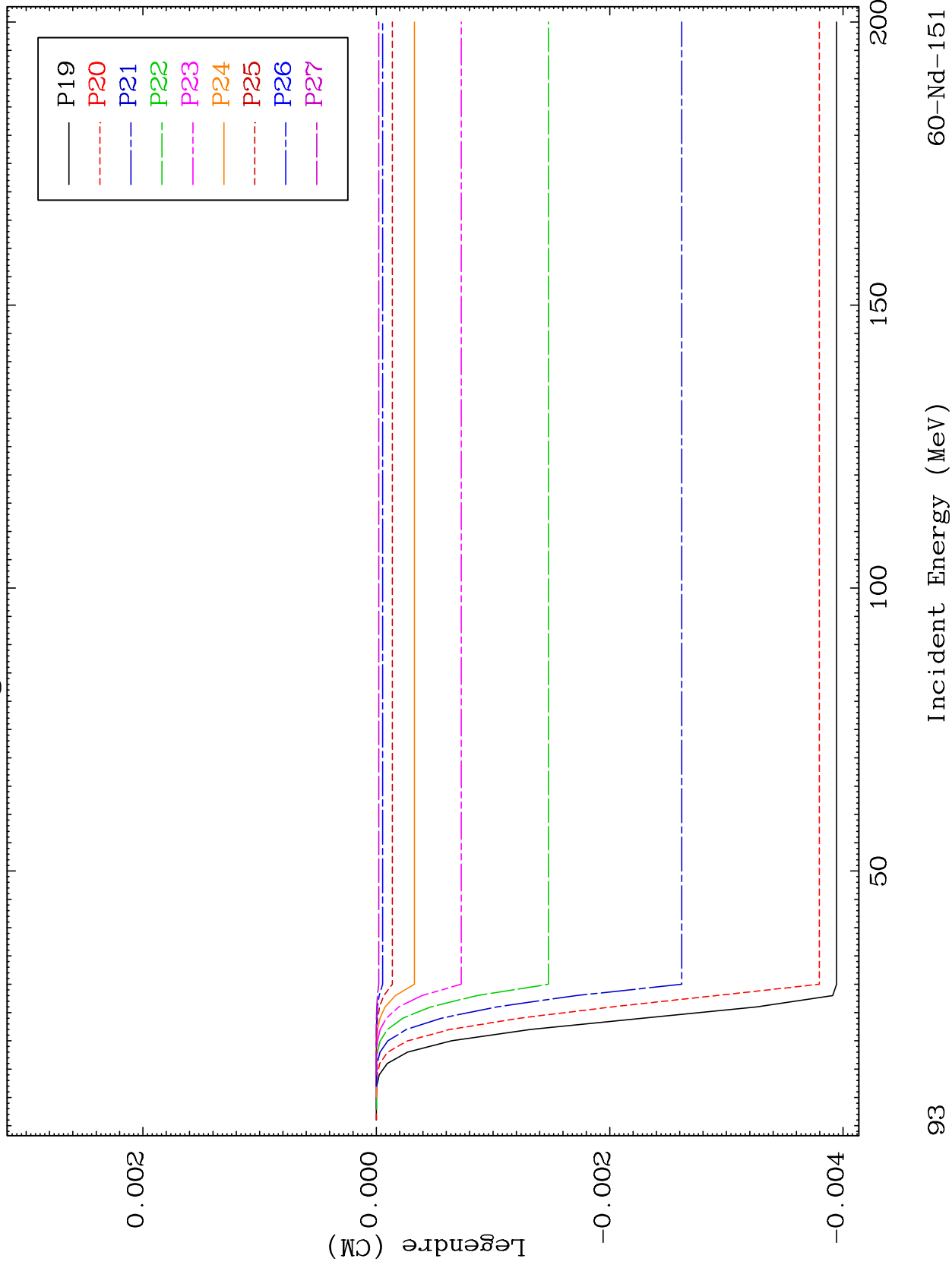
91



MAT 6052

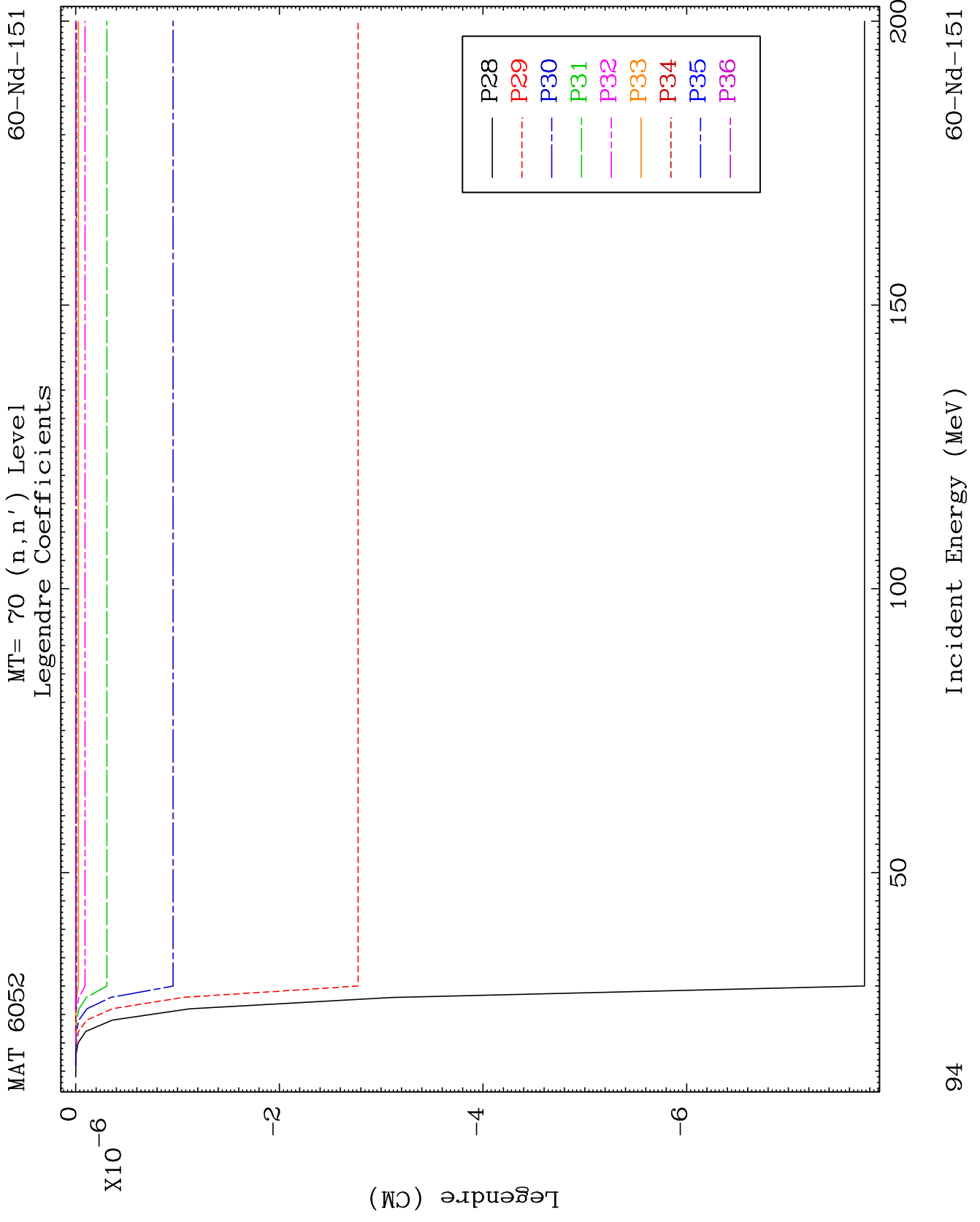
MT= 70 (n,n') Level  
Legendre Coefficients

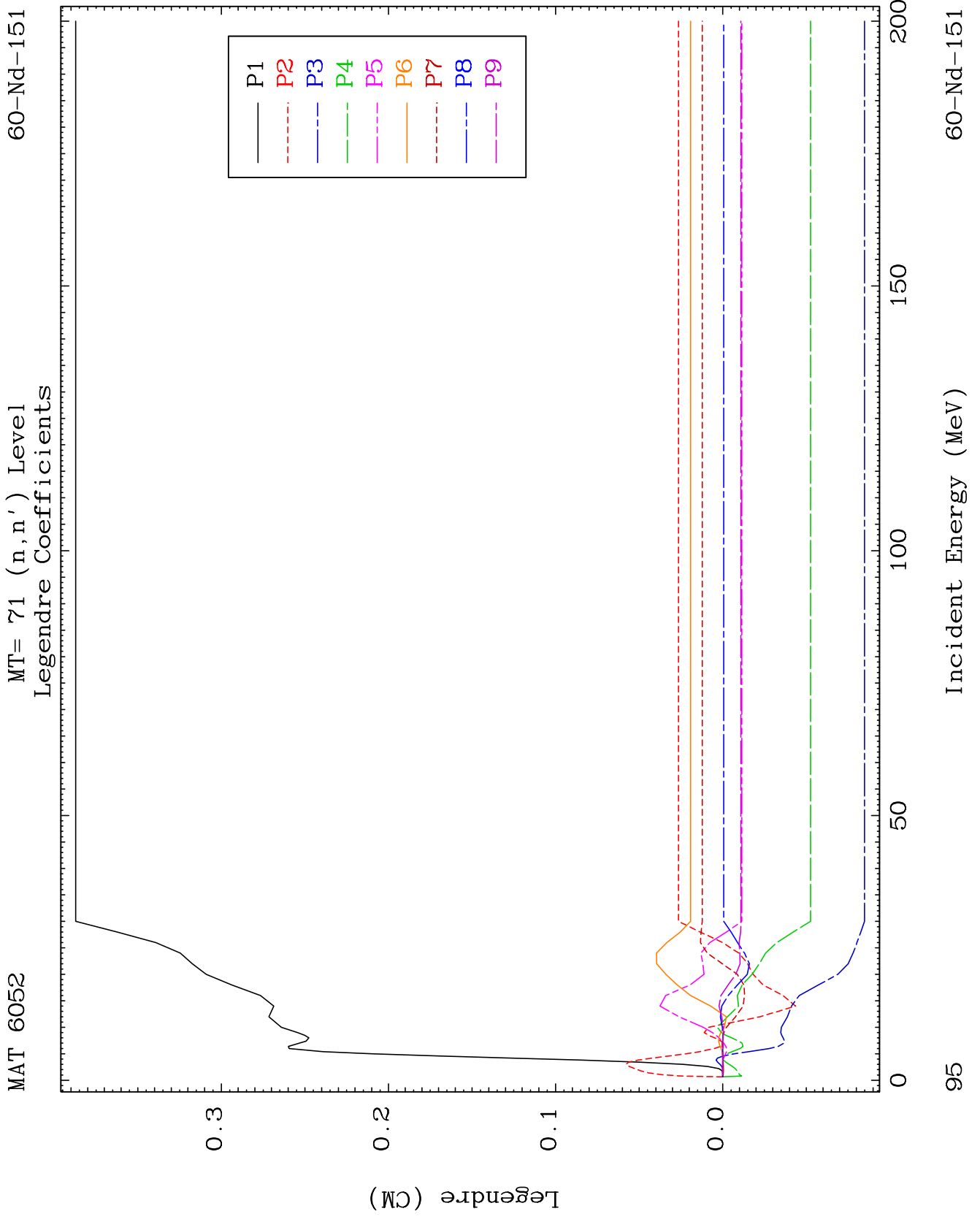
60-Nd-151



93

60-Nd-151



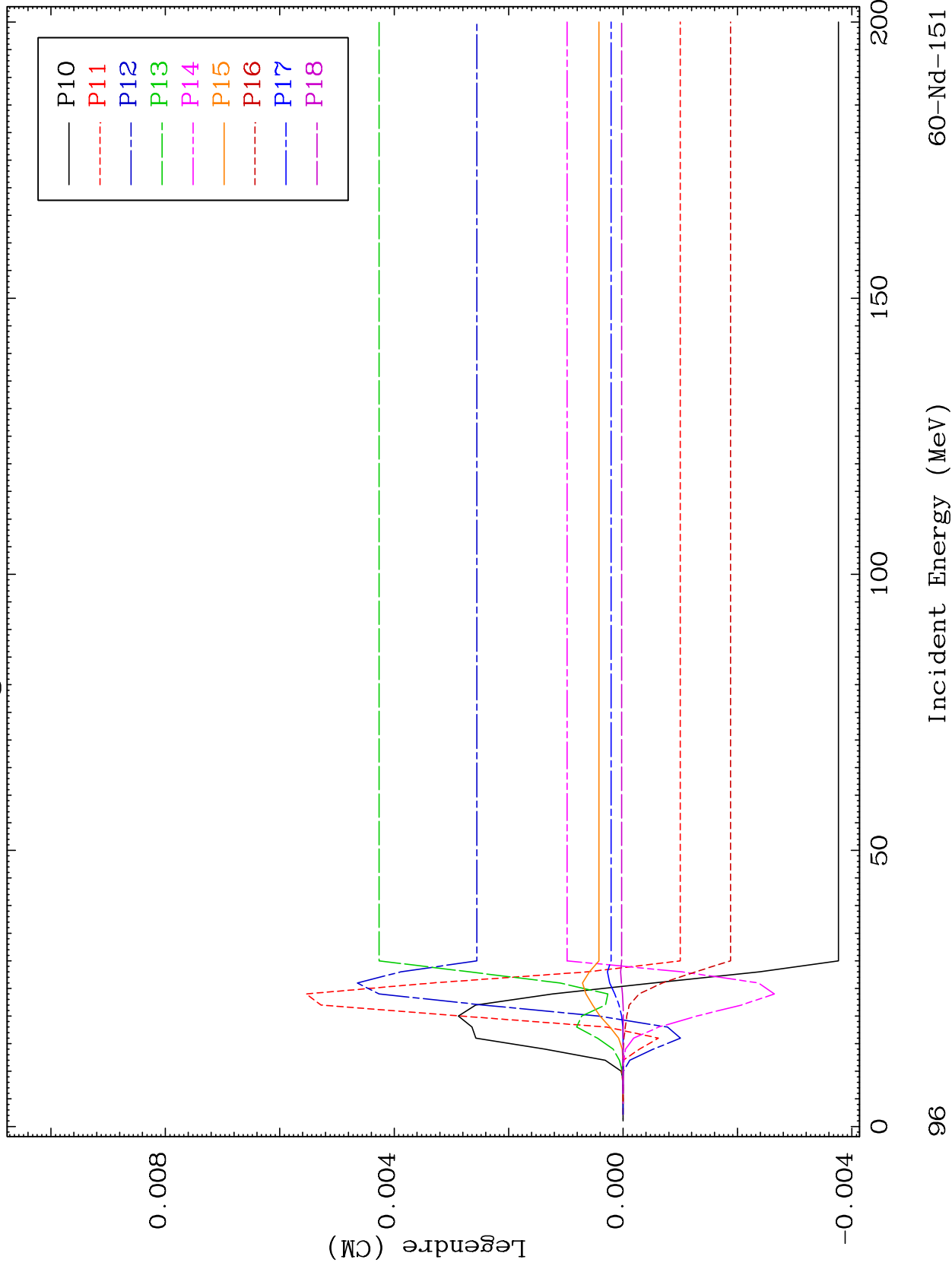




MAT 6052

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

60-Nd-151



60-Nd-151

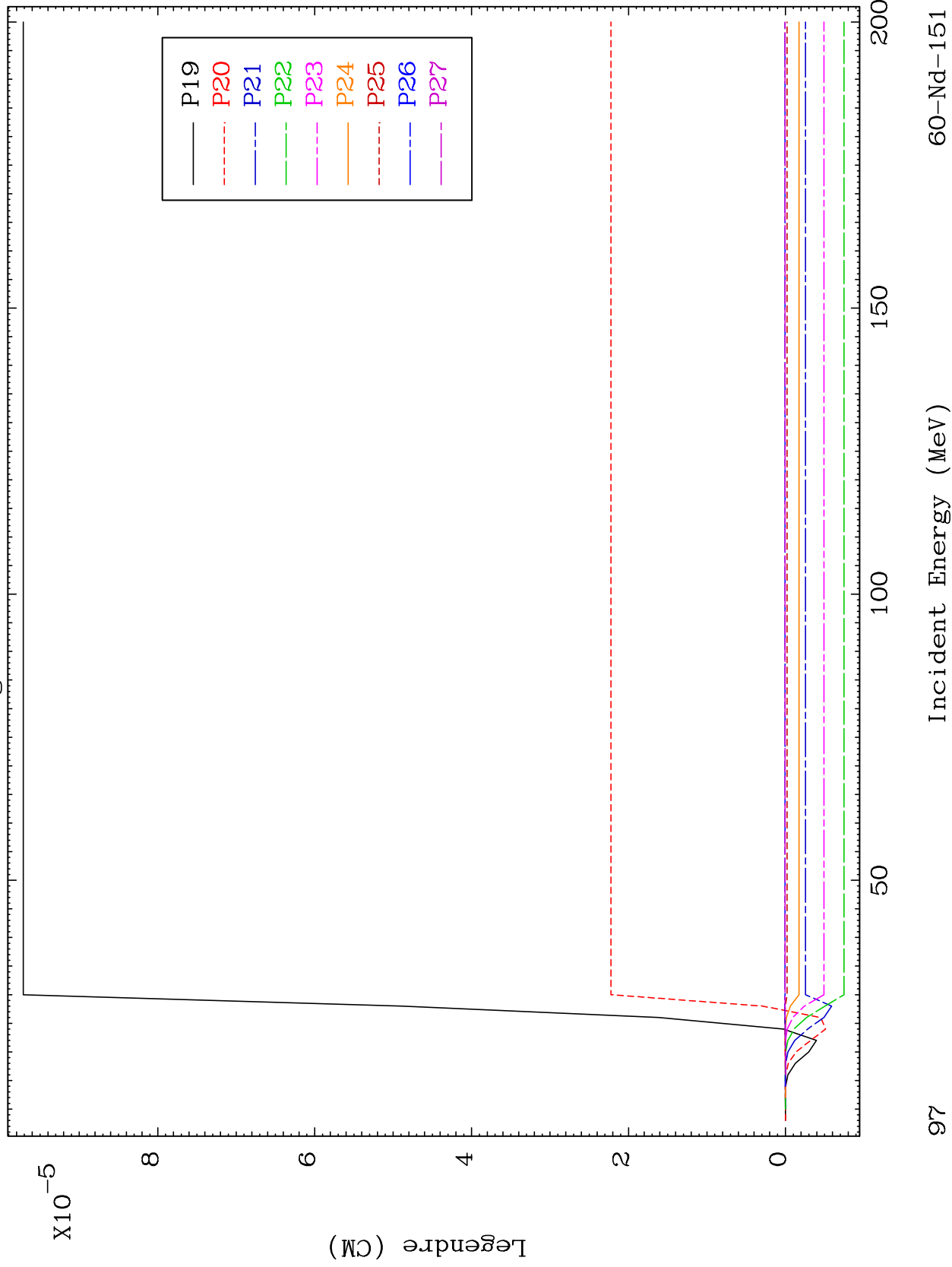
Incident Energy (MeV)

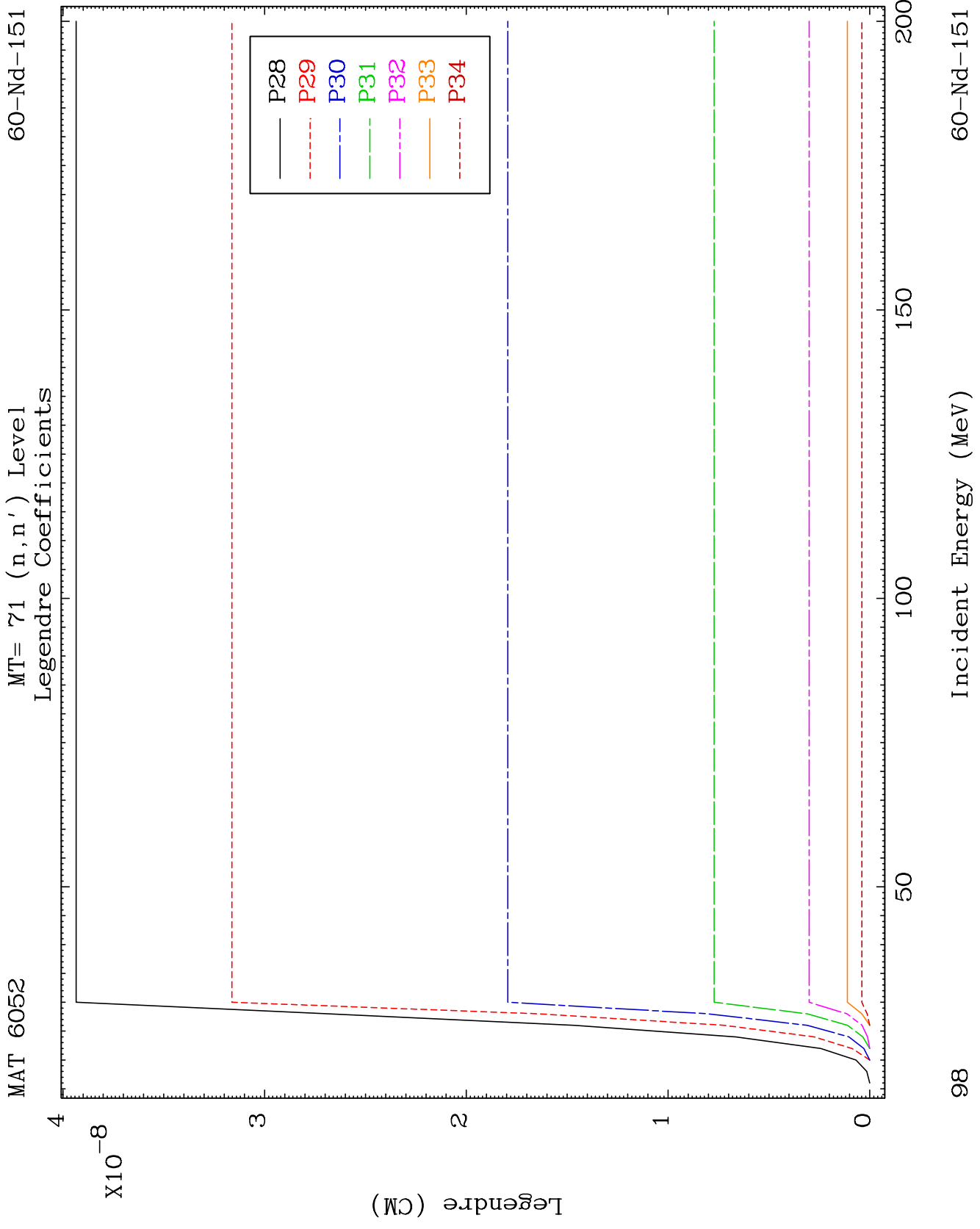
96

MAT 6052

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

60-Nd-151

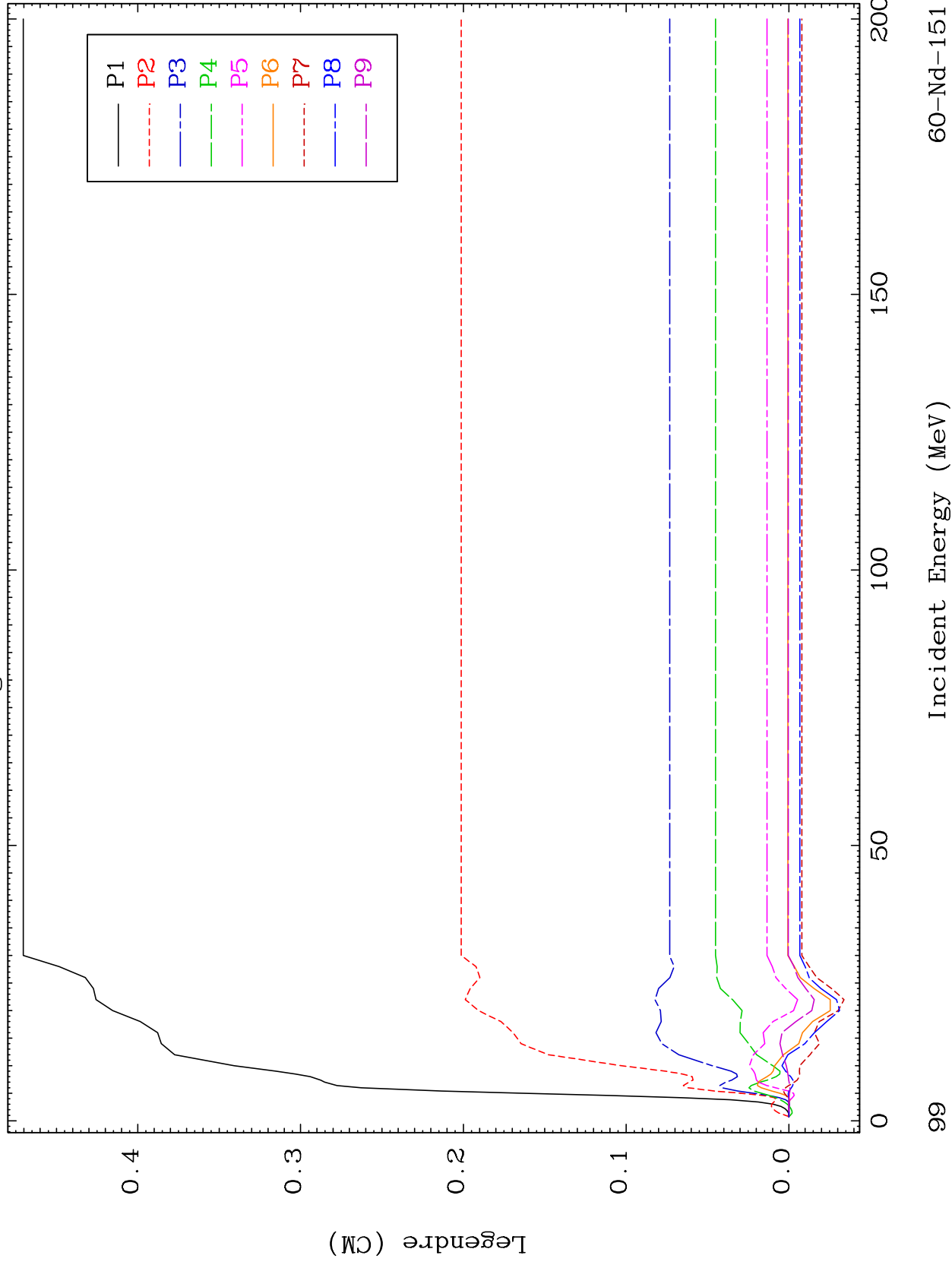




MAT 6052

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

60-Nd-151



60-Nd-151

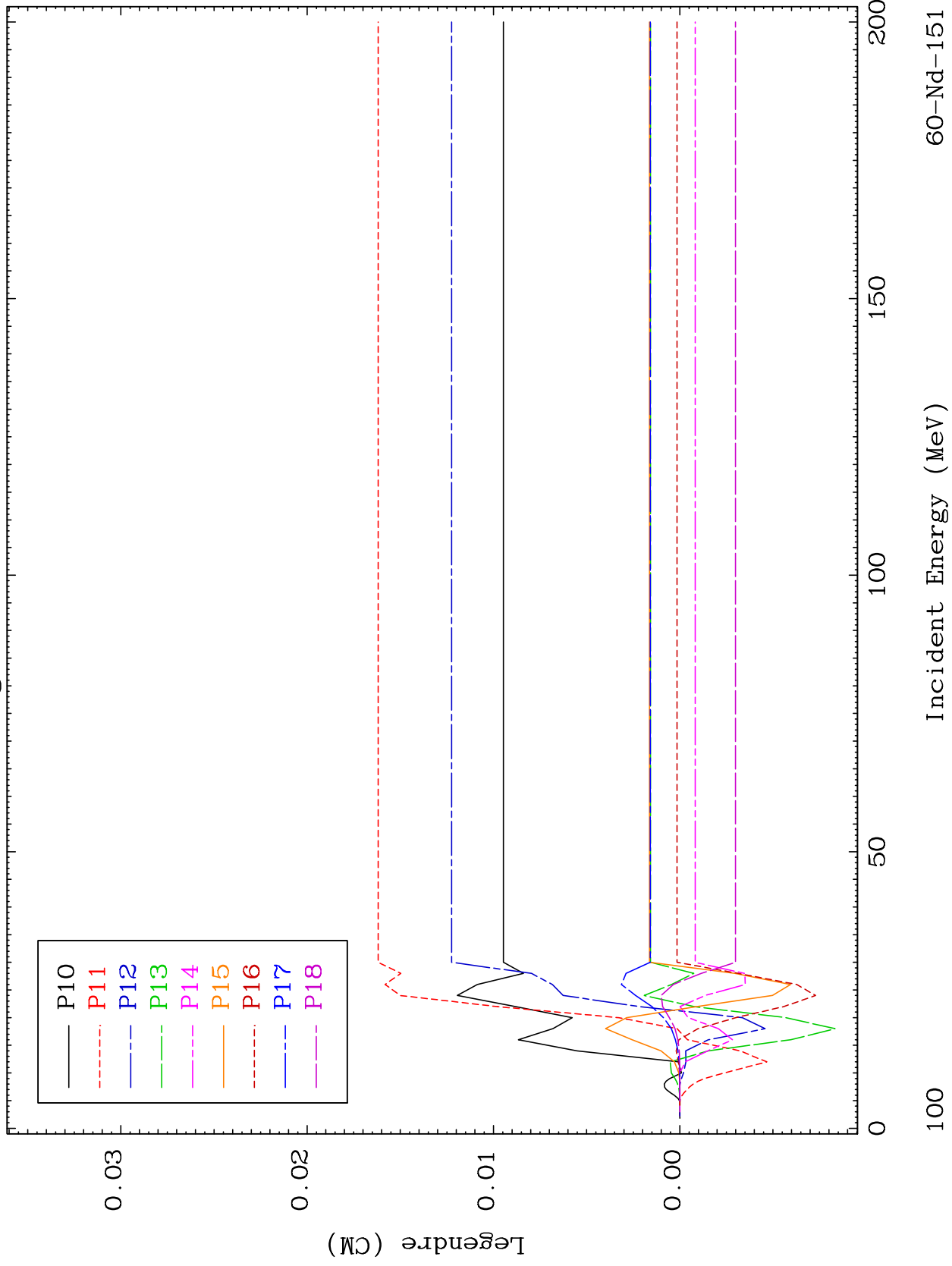
Incident Energy (MeV)

99

MAT 6052

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

60-Nd-151



60-Nd-151

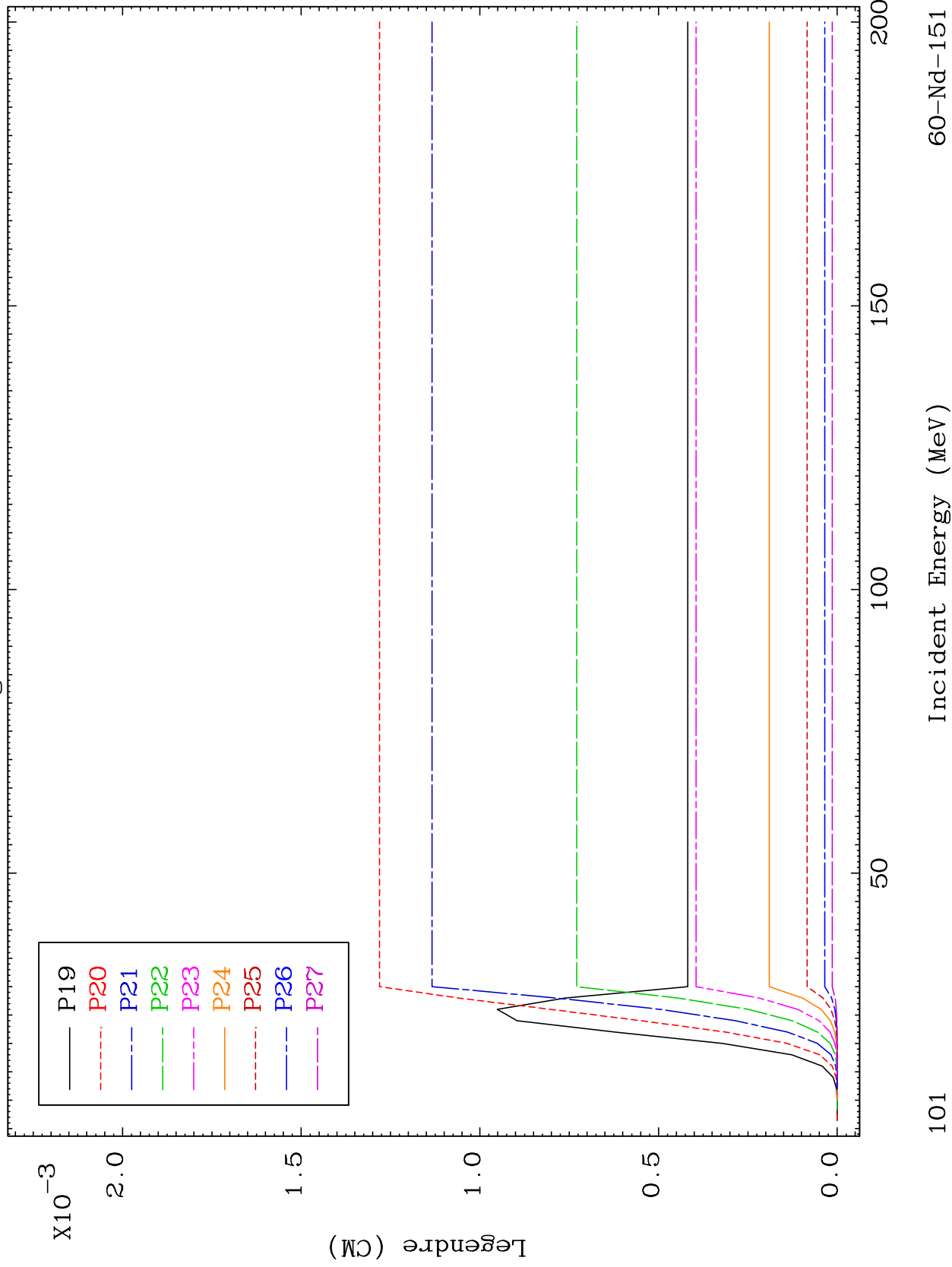
Incident Energy (MeV)

100

MAT 6052

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

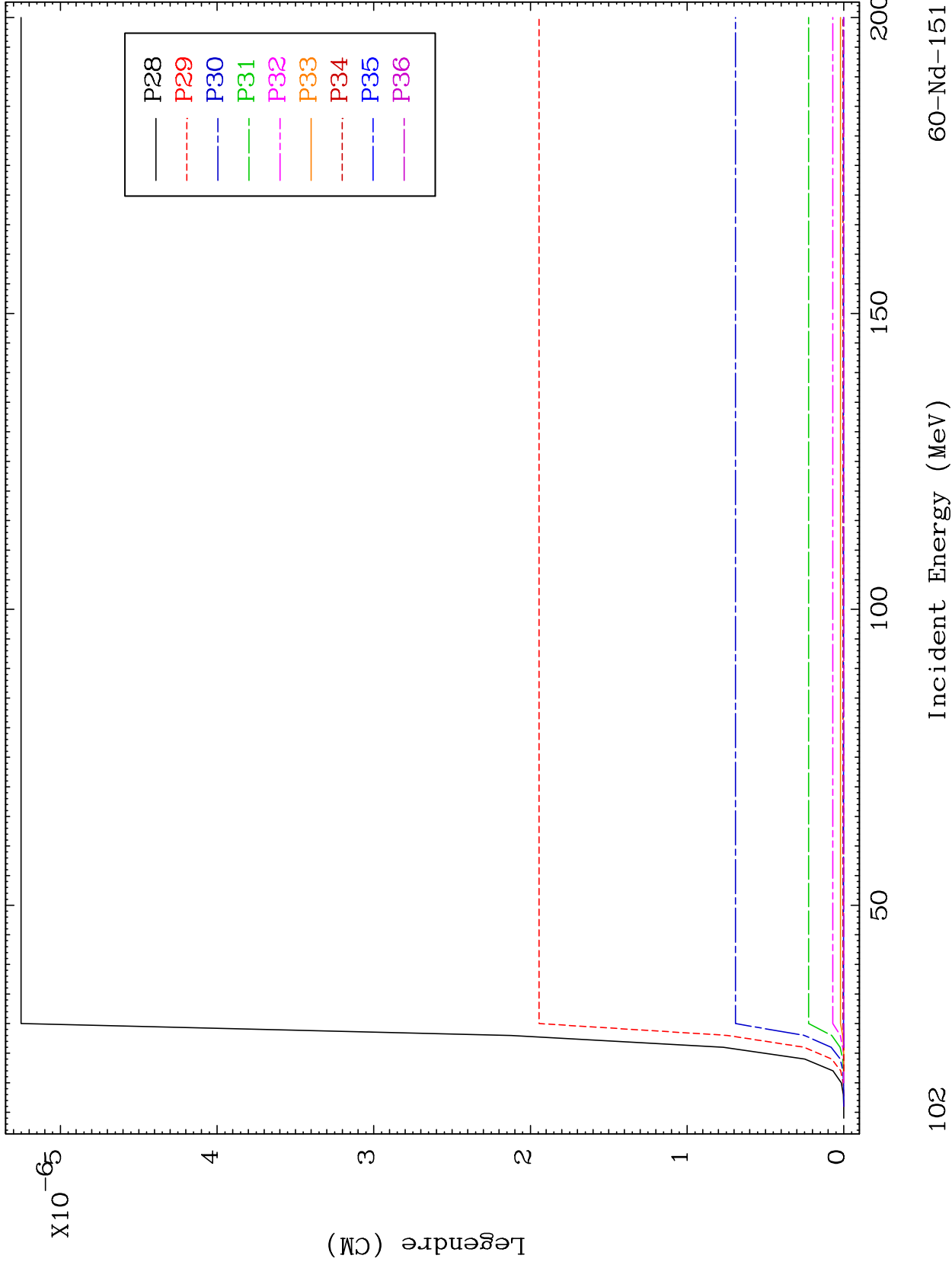
60-Nd-151



MAT 6052

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

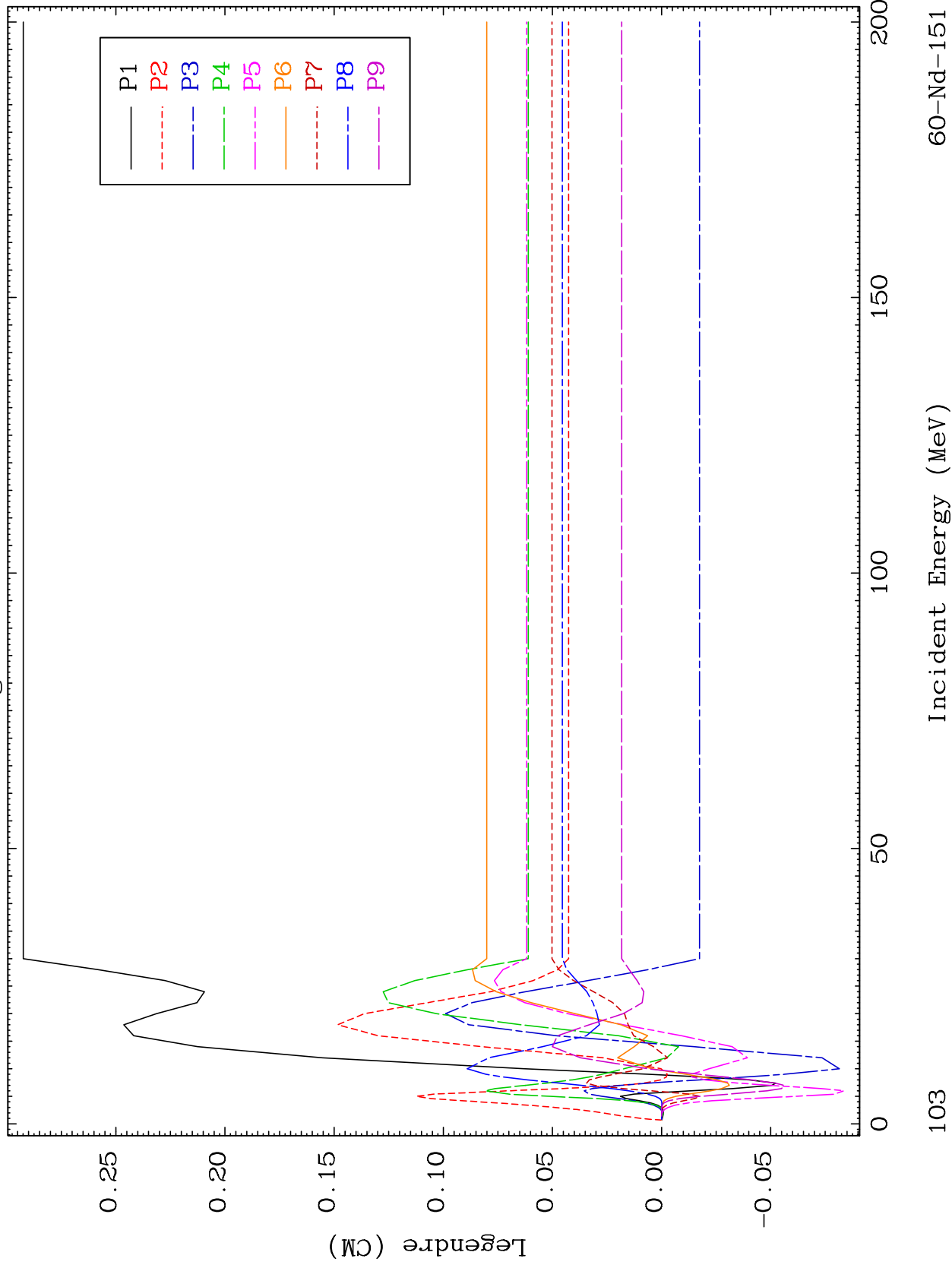
60-Nd-151



MAT 6052

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

60-Nd-151



60-Nd-151

Incident Energy (MeV)

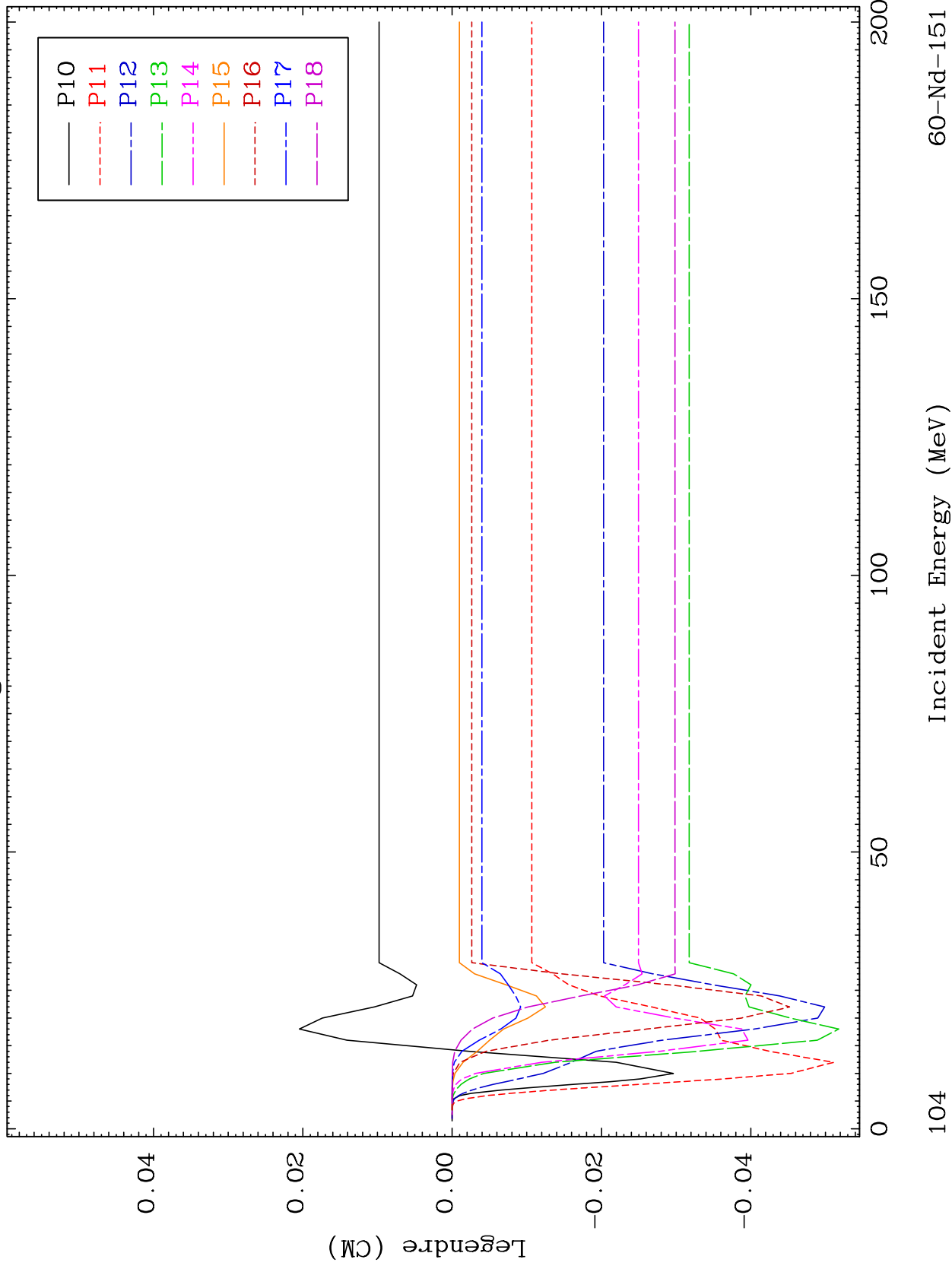
103



MAT 6052

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

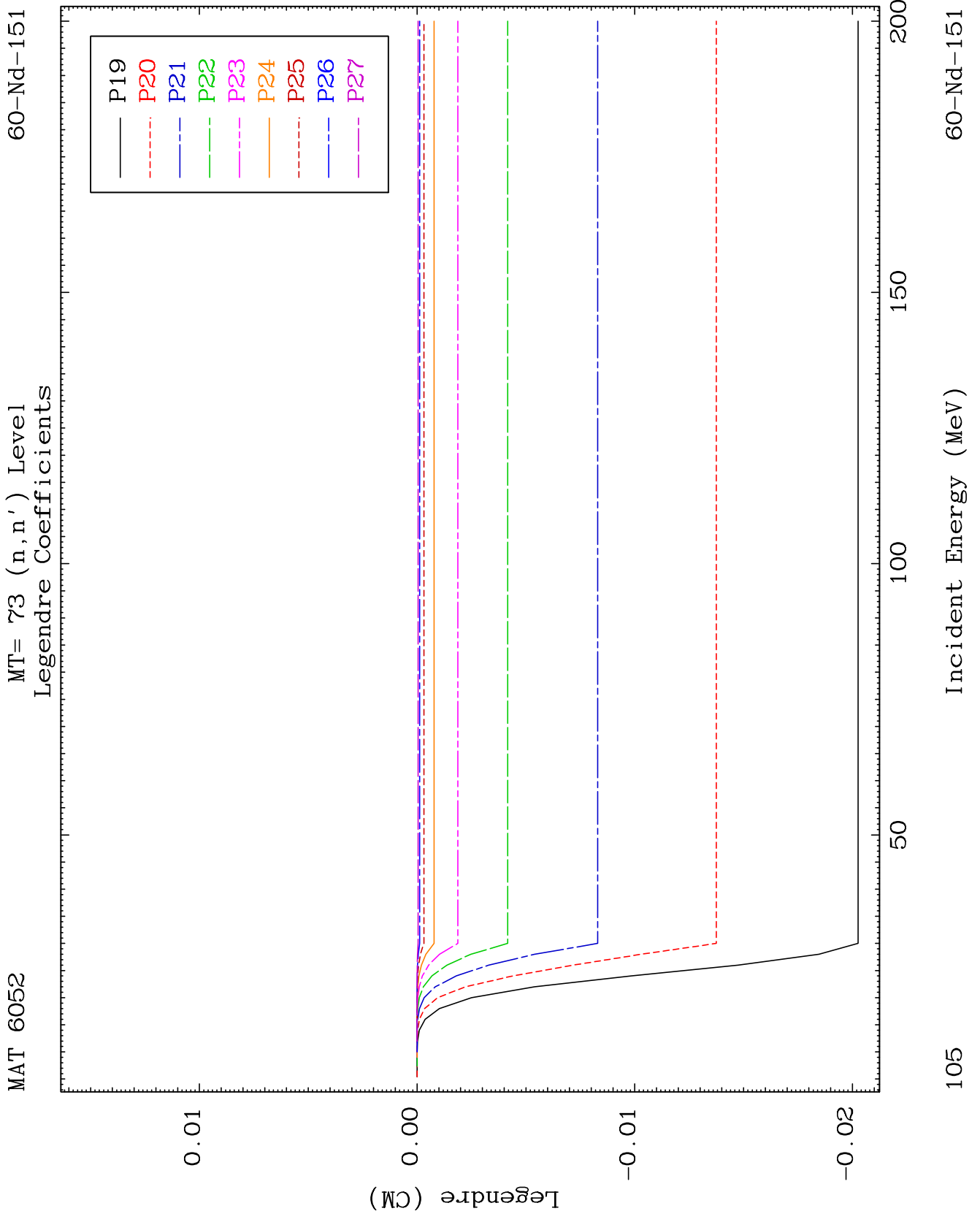
60-Nd-151

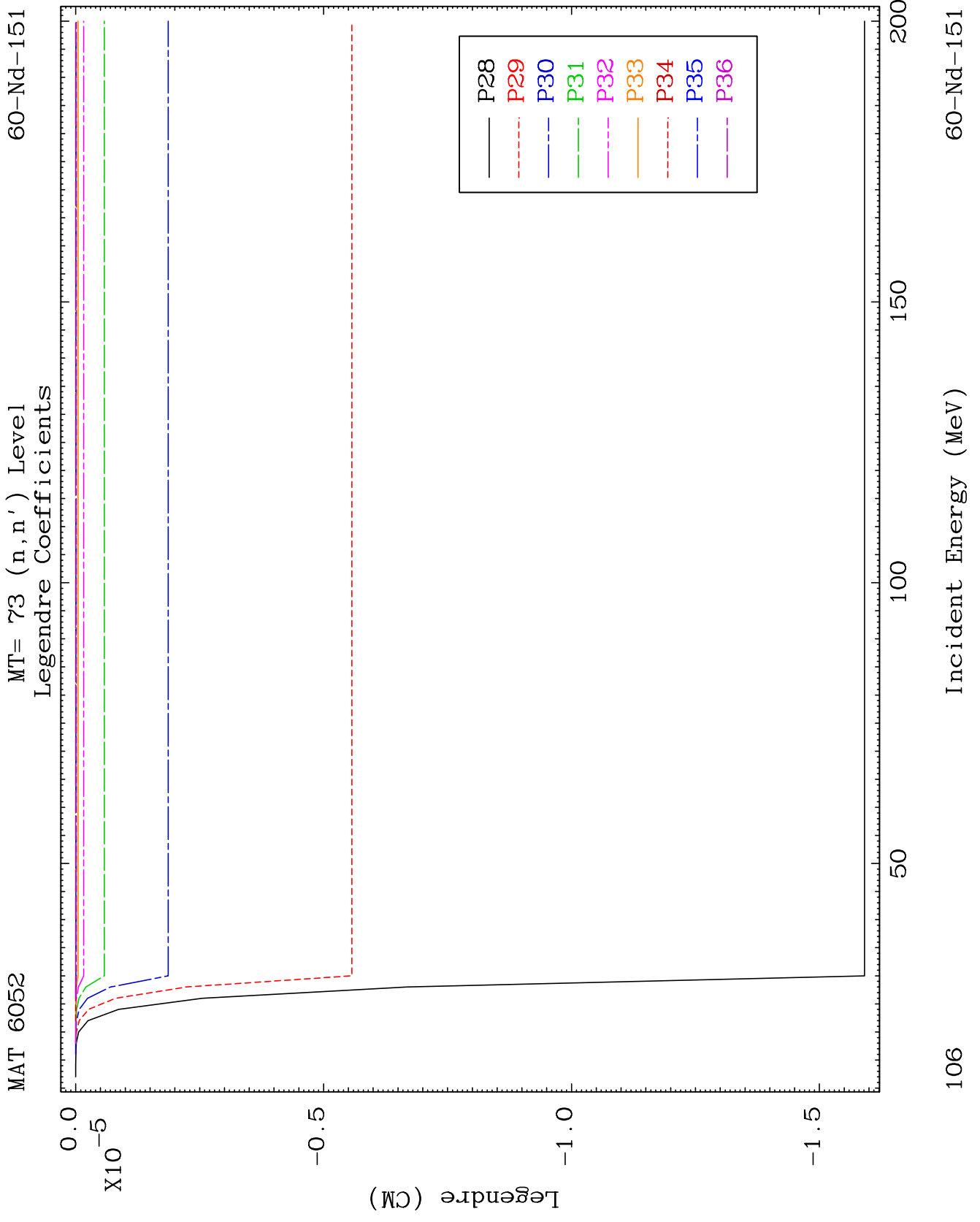


60-Nd-151

Incident Energy (MeV)

104

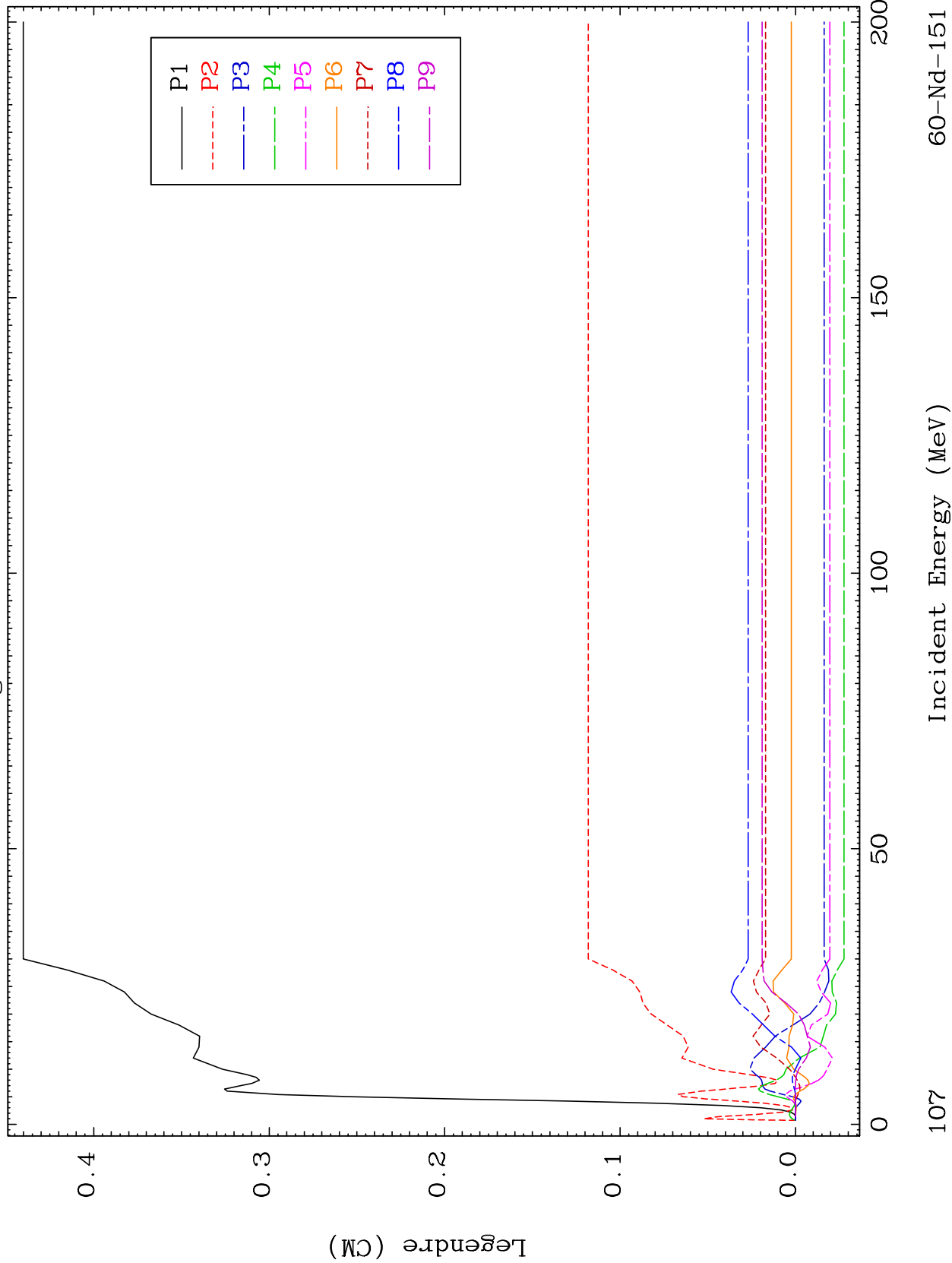




MAT 6052

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

60-Nd-151



60-Nd-151

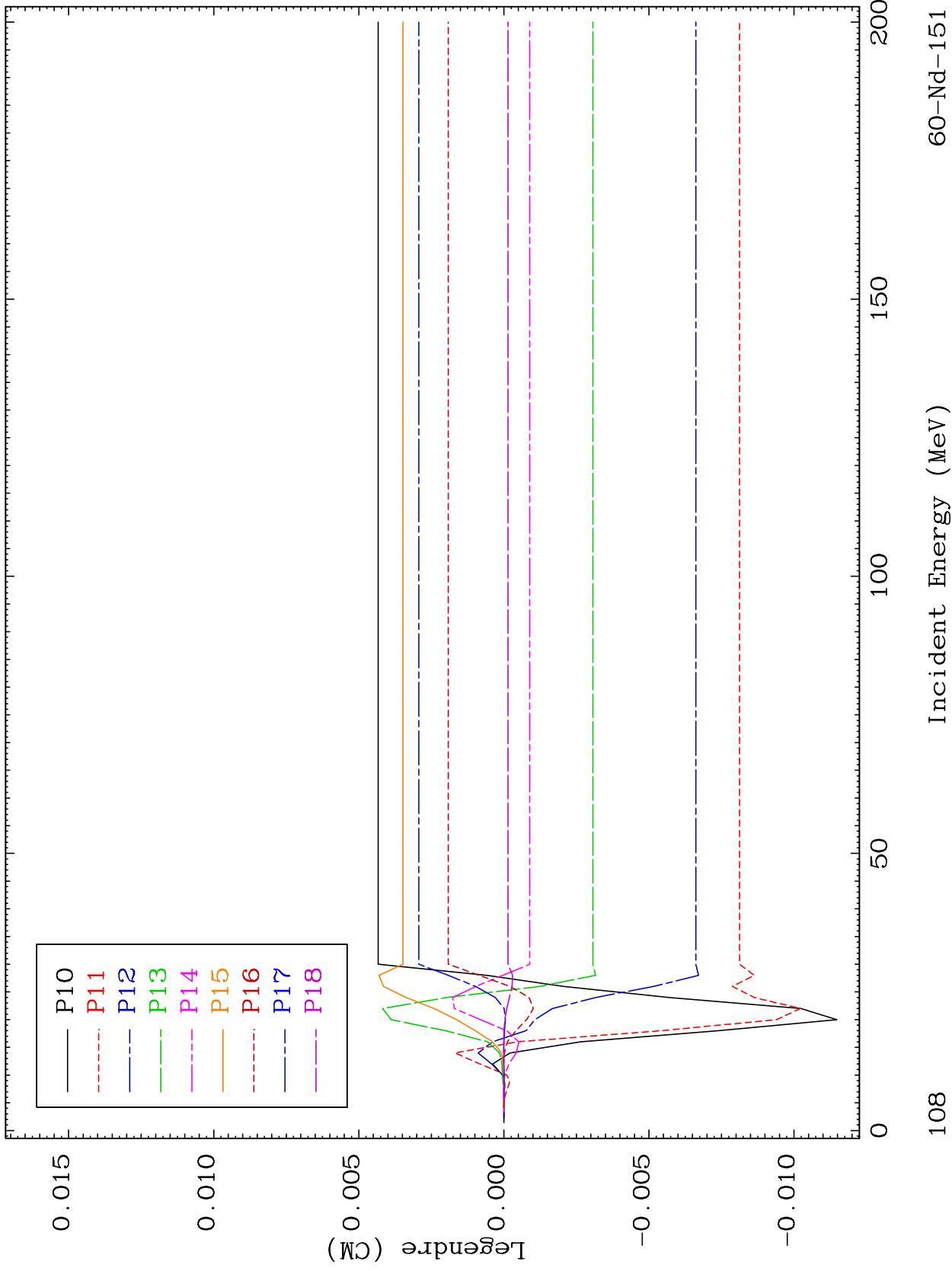
Incident Energy (MeV)

107

MAT 6052

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

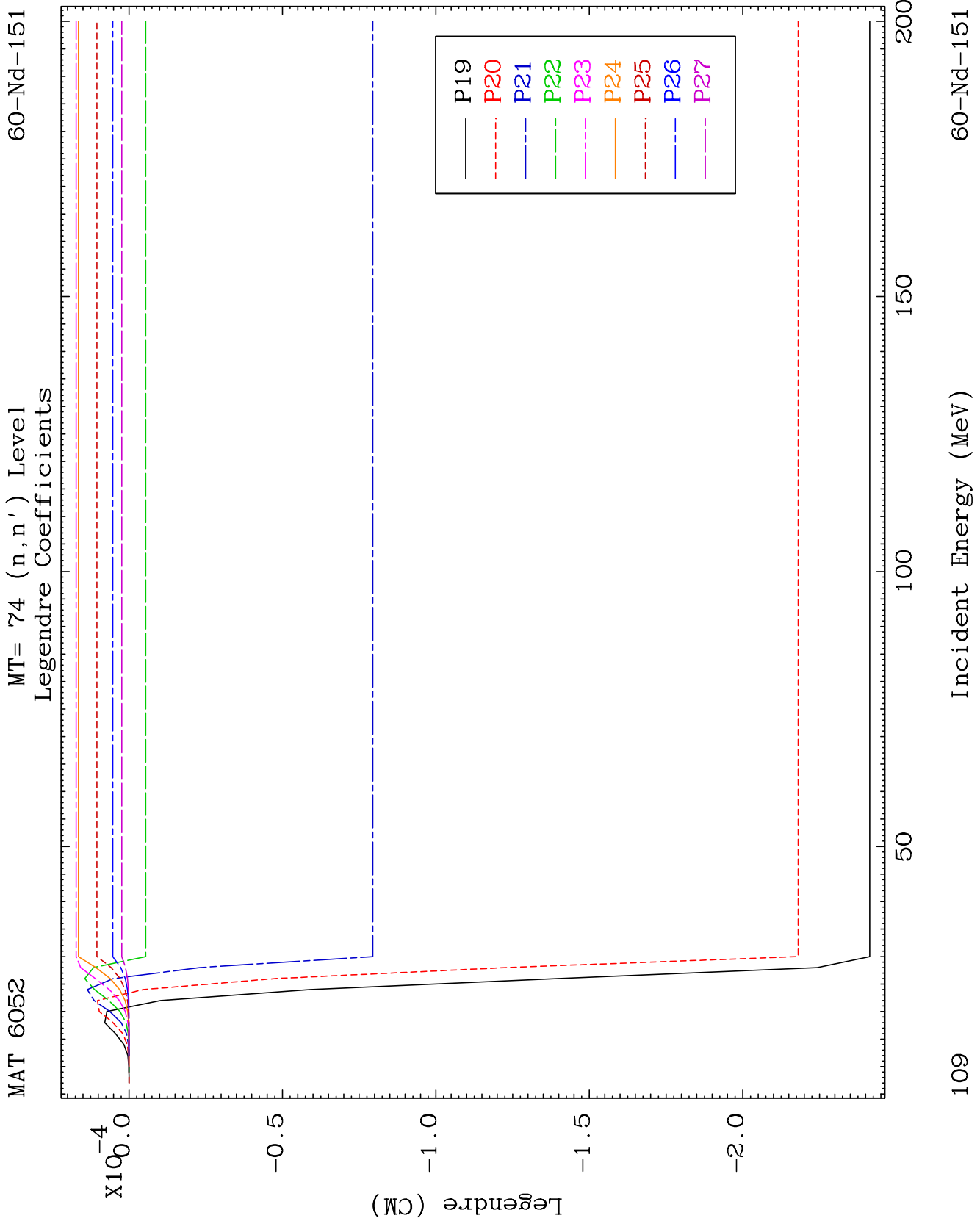
60-Nd-151



108

Incident Energy (MeV)

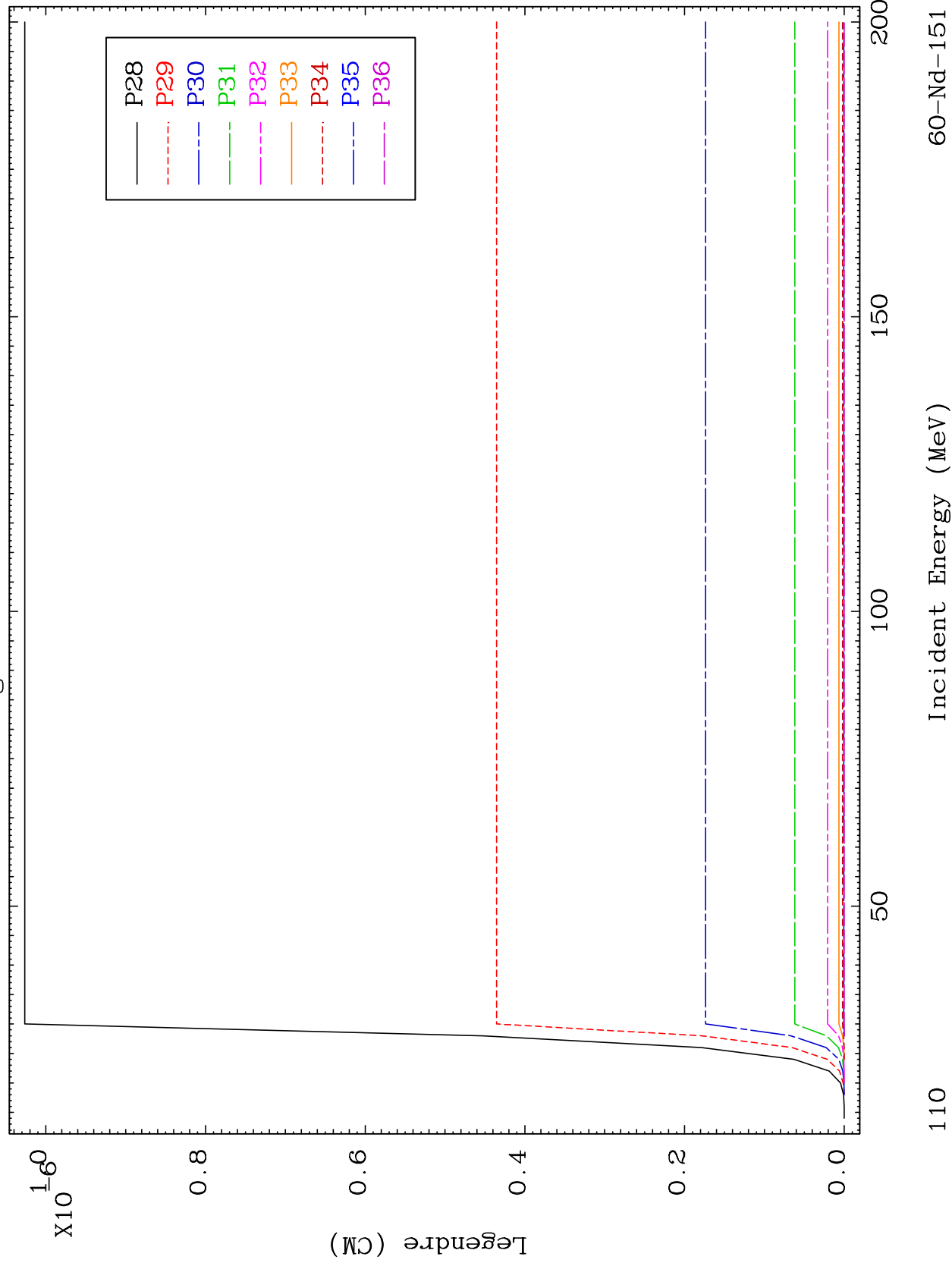
60-Nd-151



MAT 6052

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

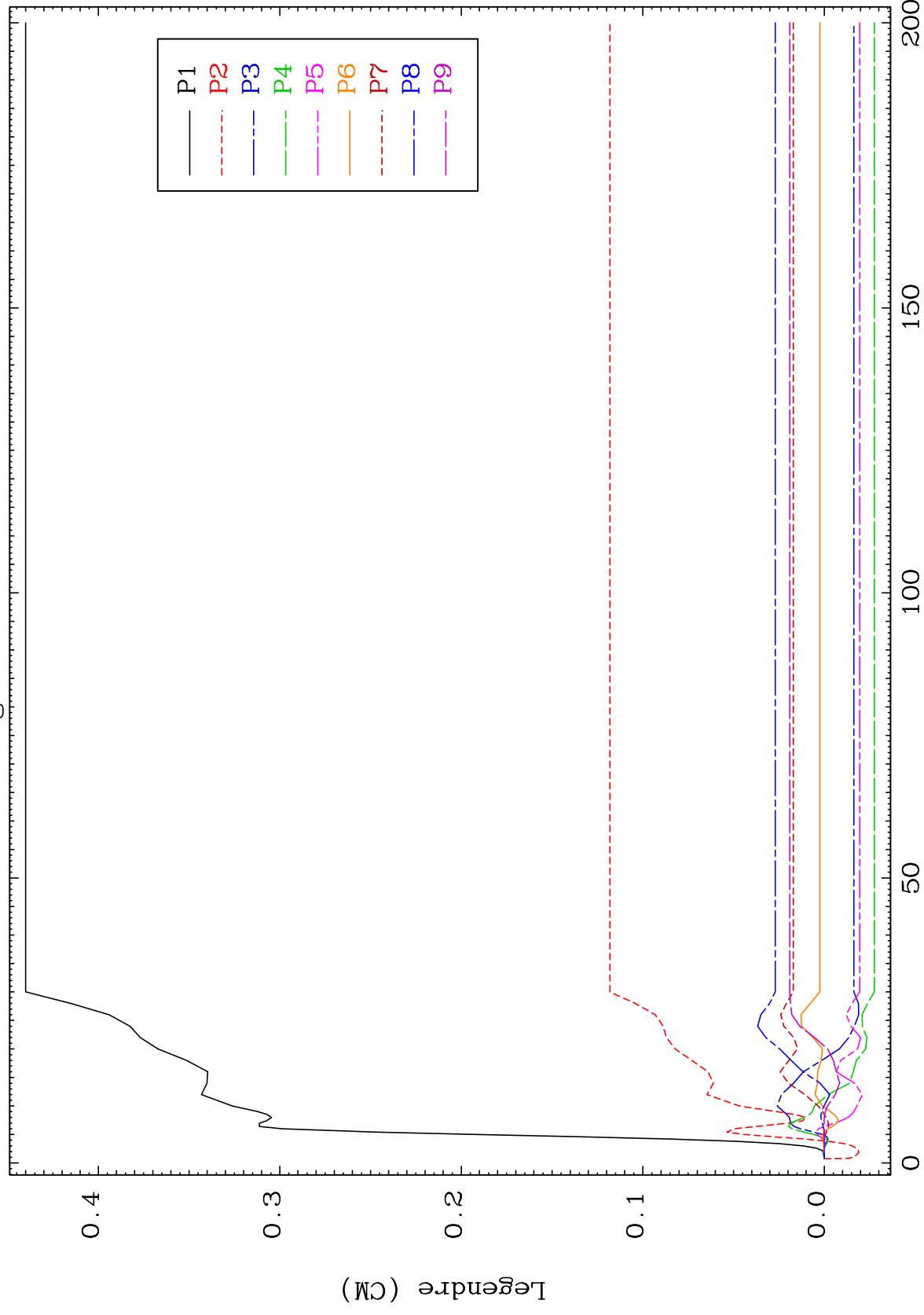
60-Nd-151



MAT 6052

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

60-Nd-151



60-Nd-151

Incident Energy (MeV)

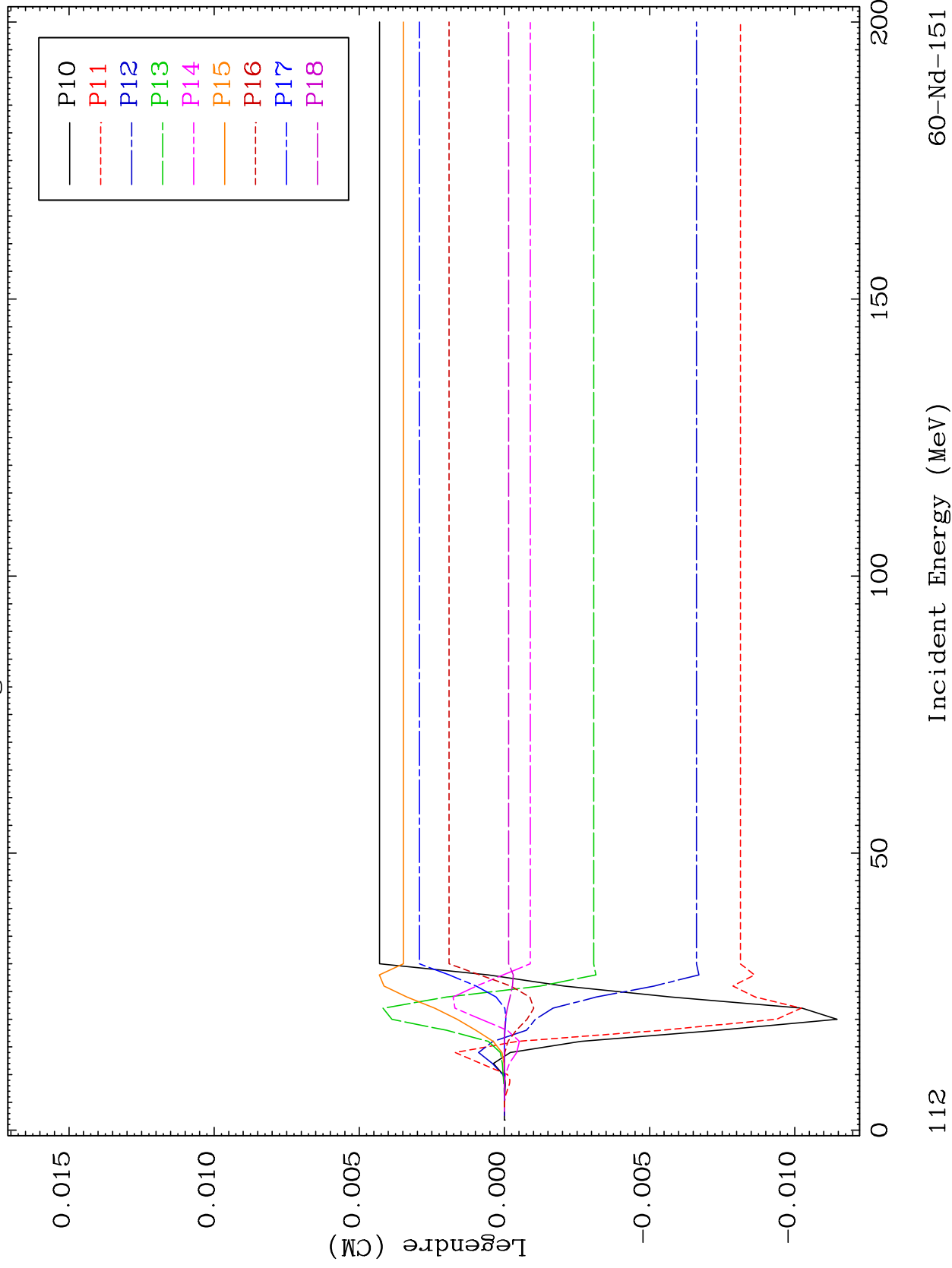
111



MAT 6052

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

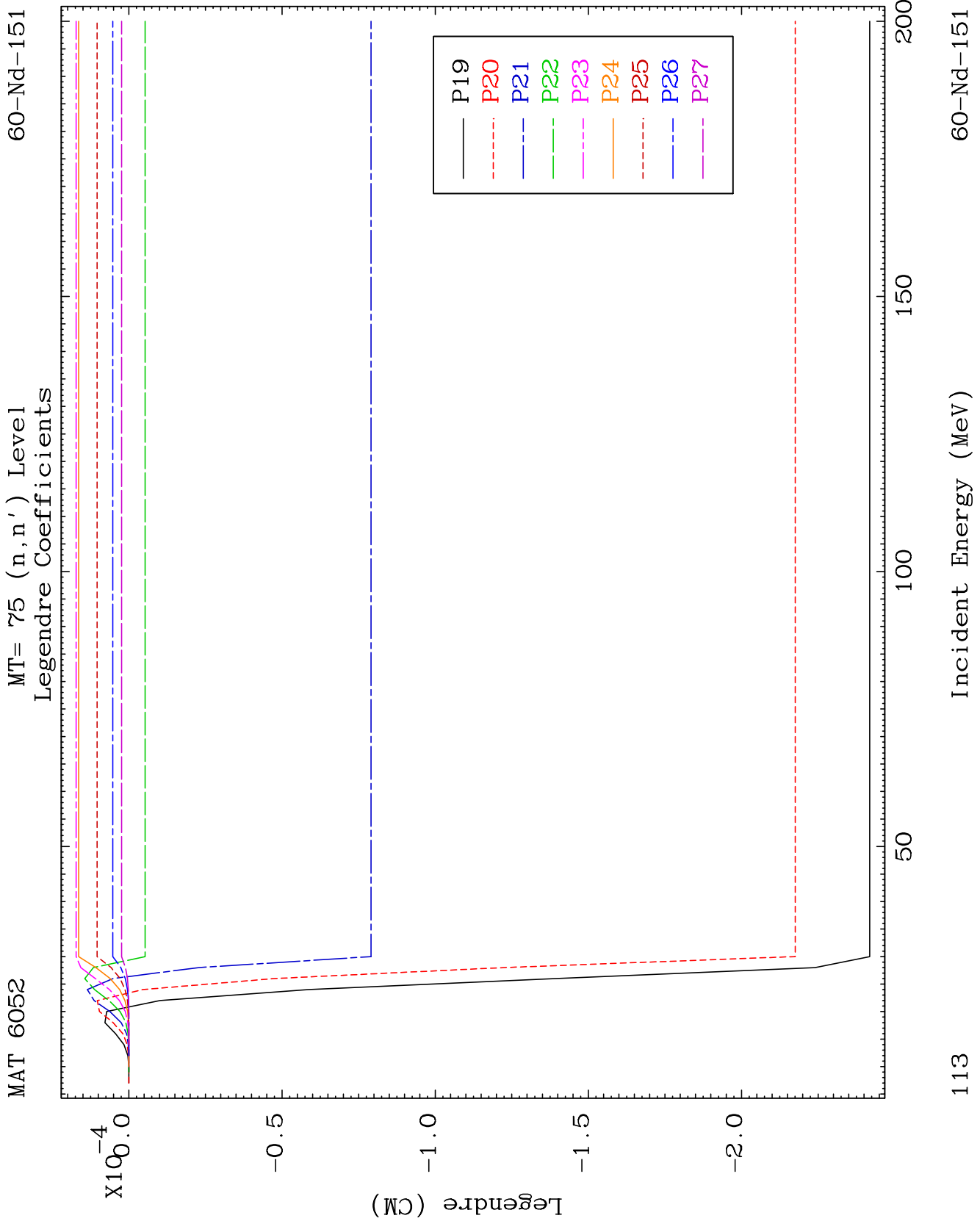
60-Nd-151



112

Incident Energy (MeV)

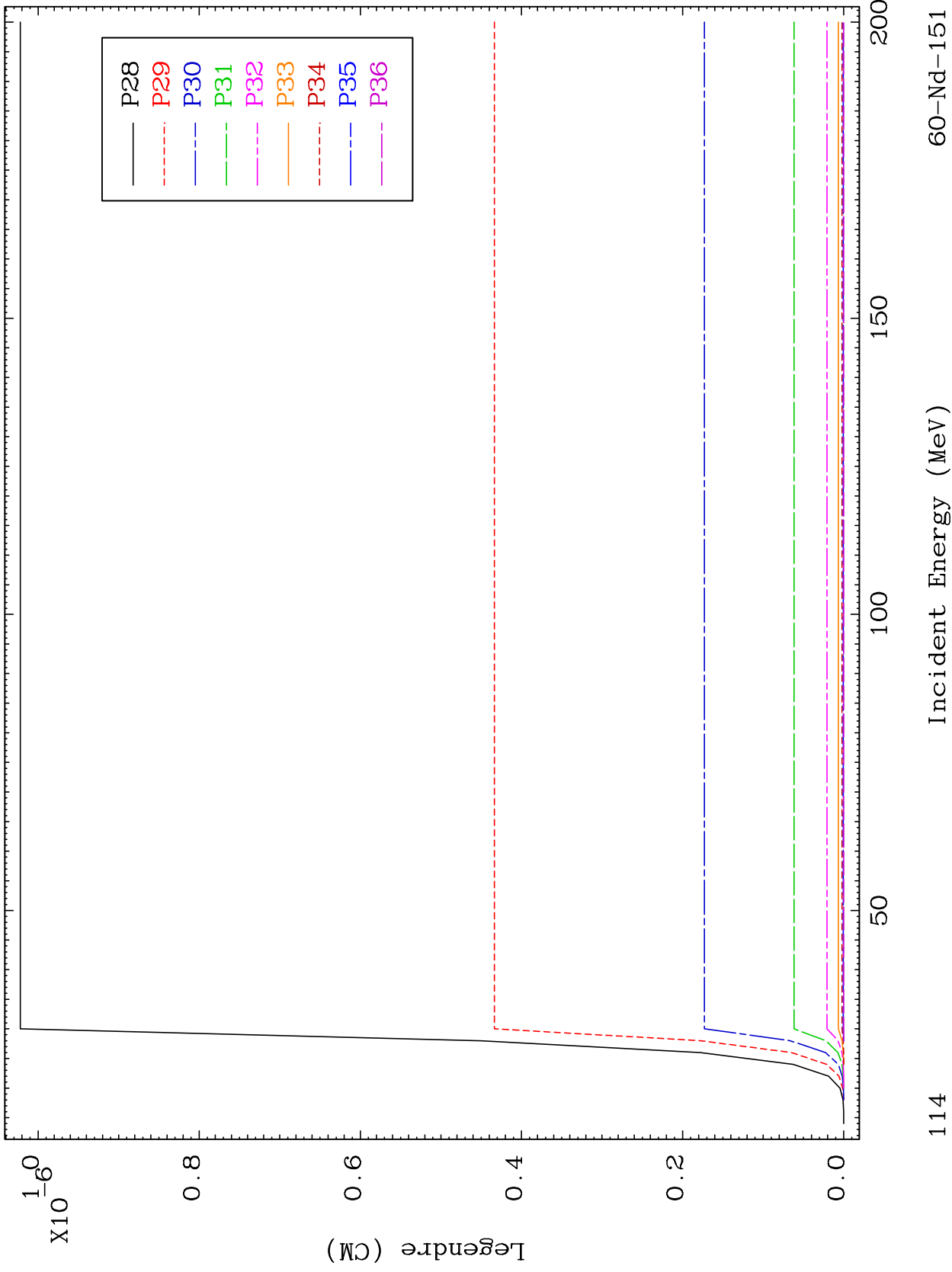
60-Nd-151



MAT 6052

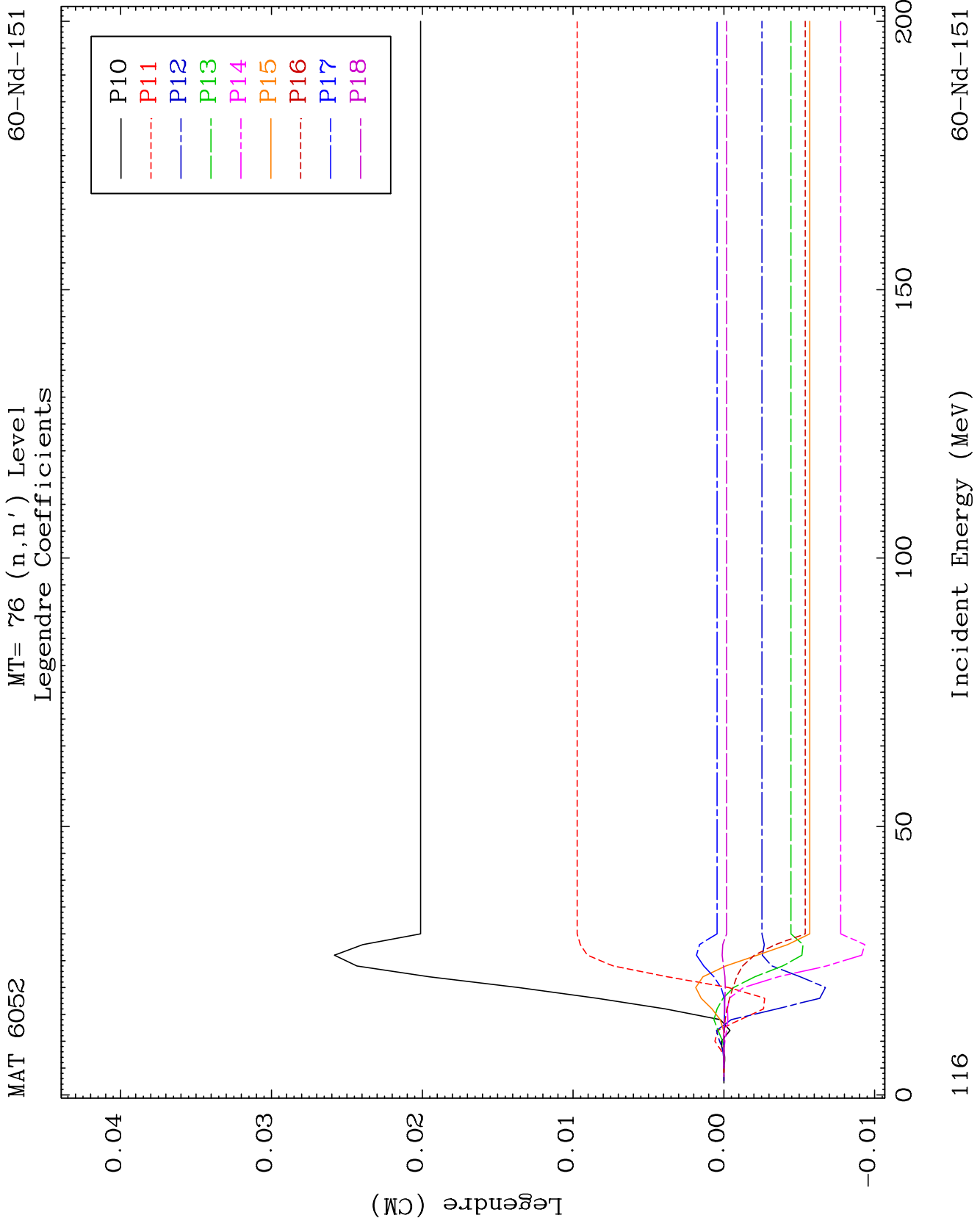
MT= 75 (n,n') Level  
Legendre Coefficients

60-Nd-151



114

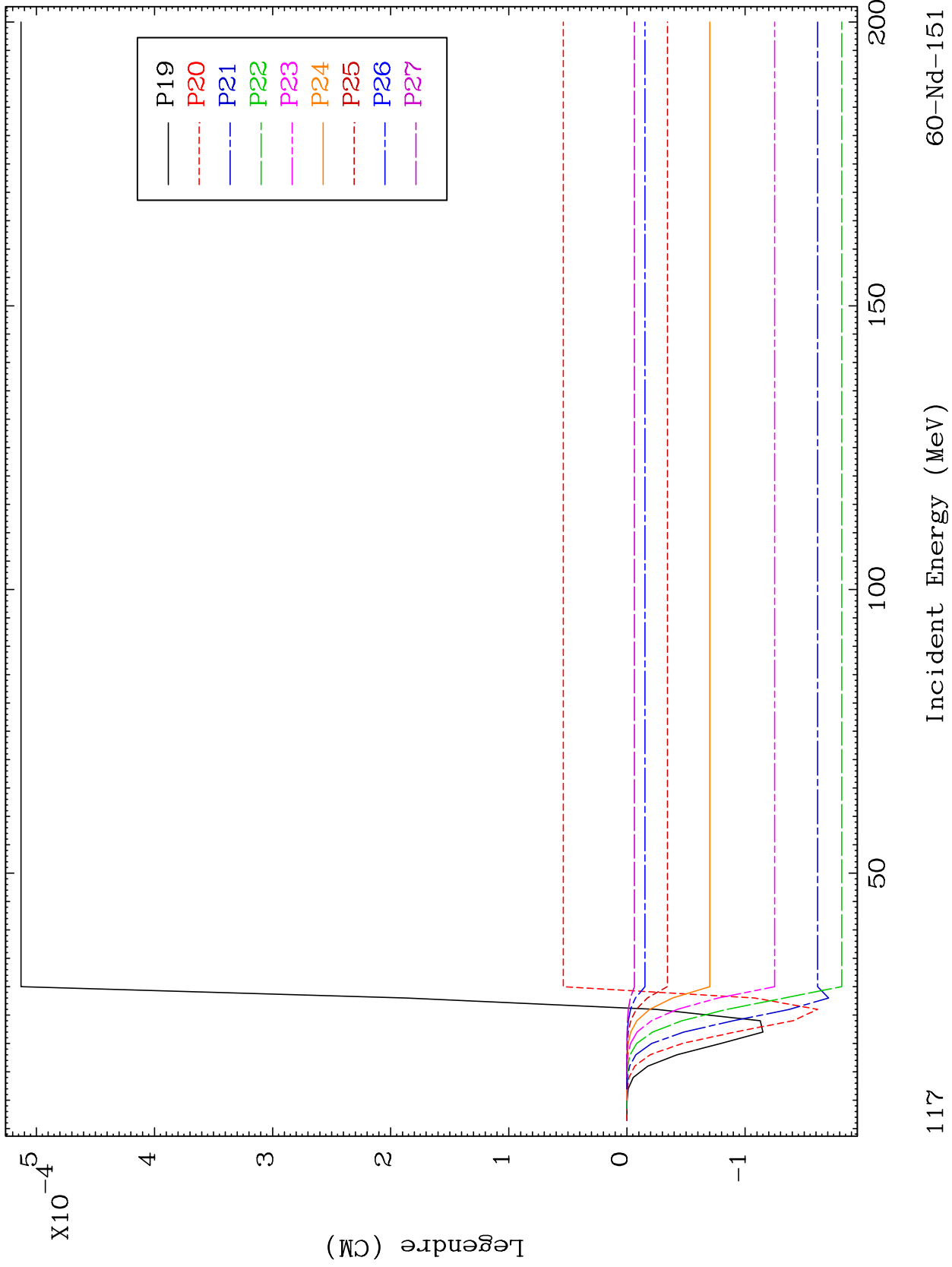




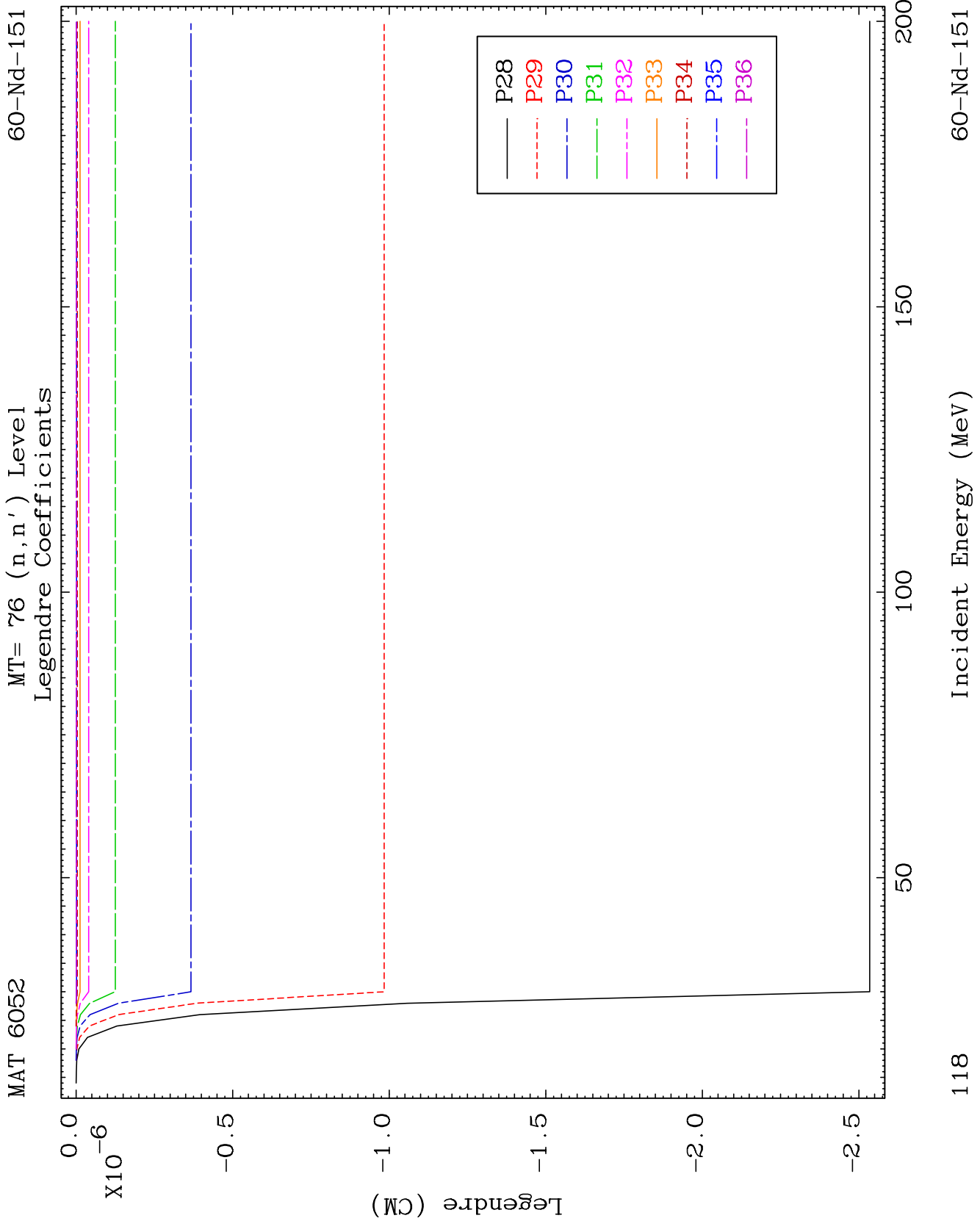
MAT 6052

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

60-Nd-151



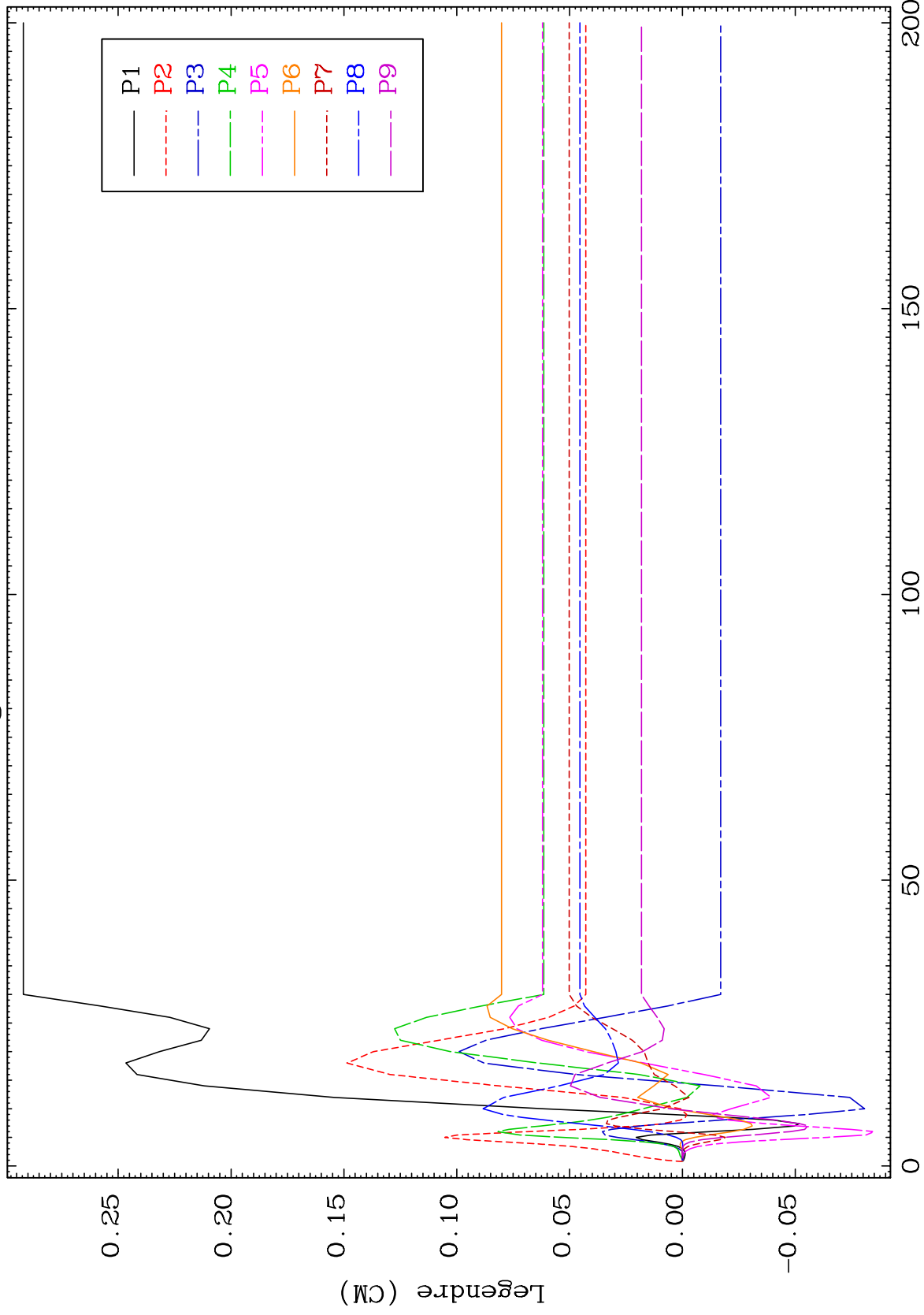
117



MAT 6052

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

60-Nd-151



60-Nd-151

Incident Energy (MeV)

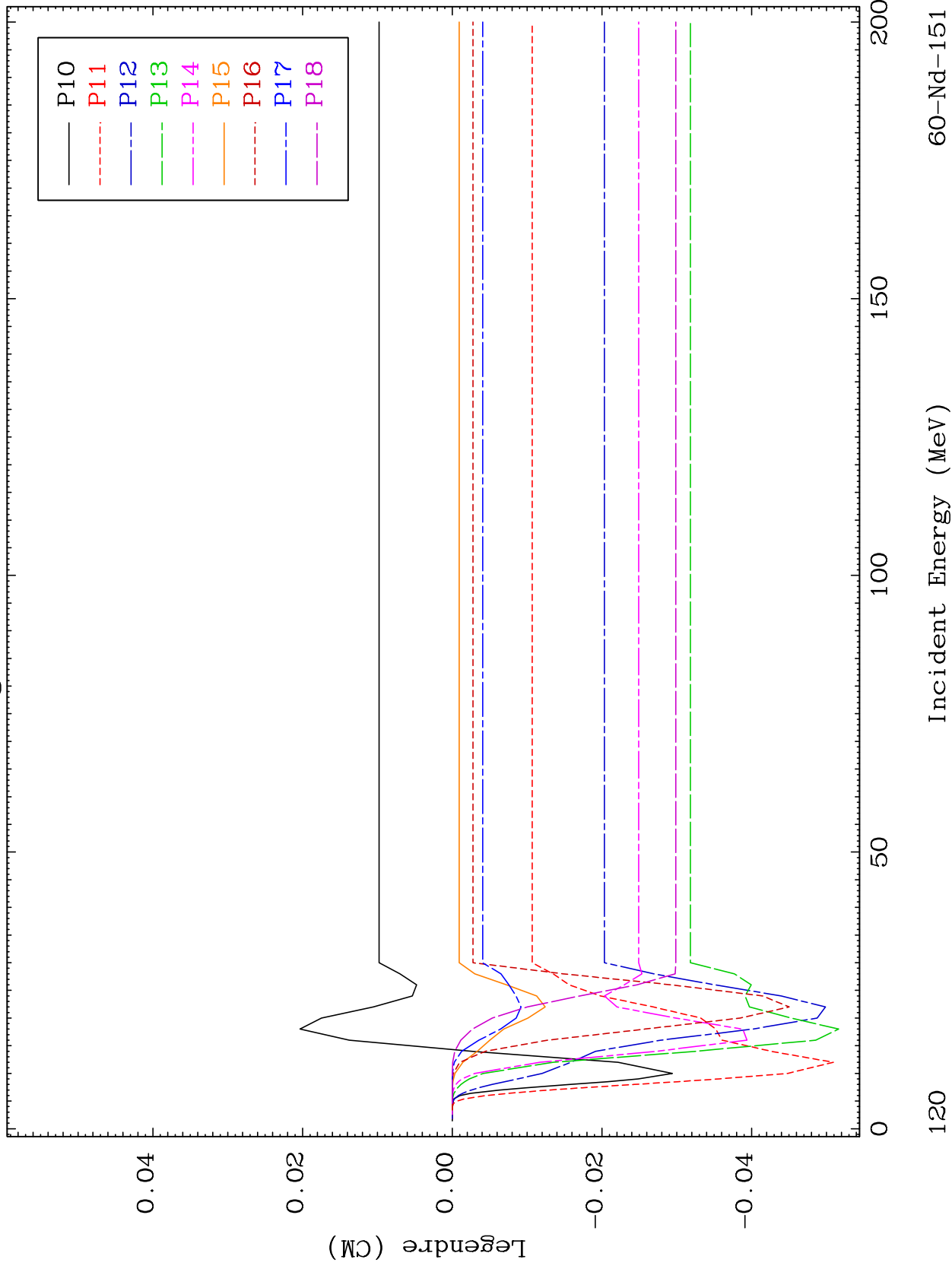
119



MAT 6052

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

60-Nd-151



60-Nd-151

Incident Energy (MeV)

0

50

100

150

200

Legendre (CM)

0.04

0.02

0.00

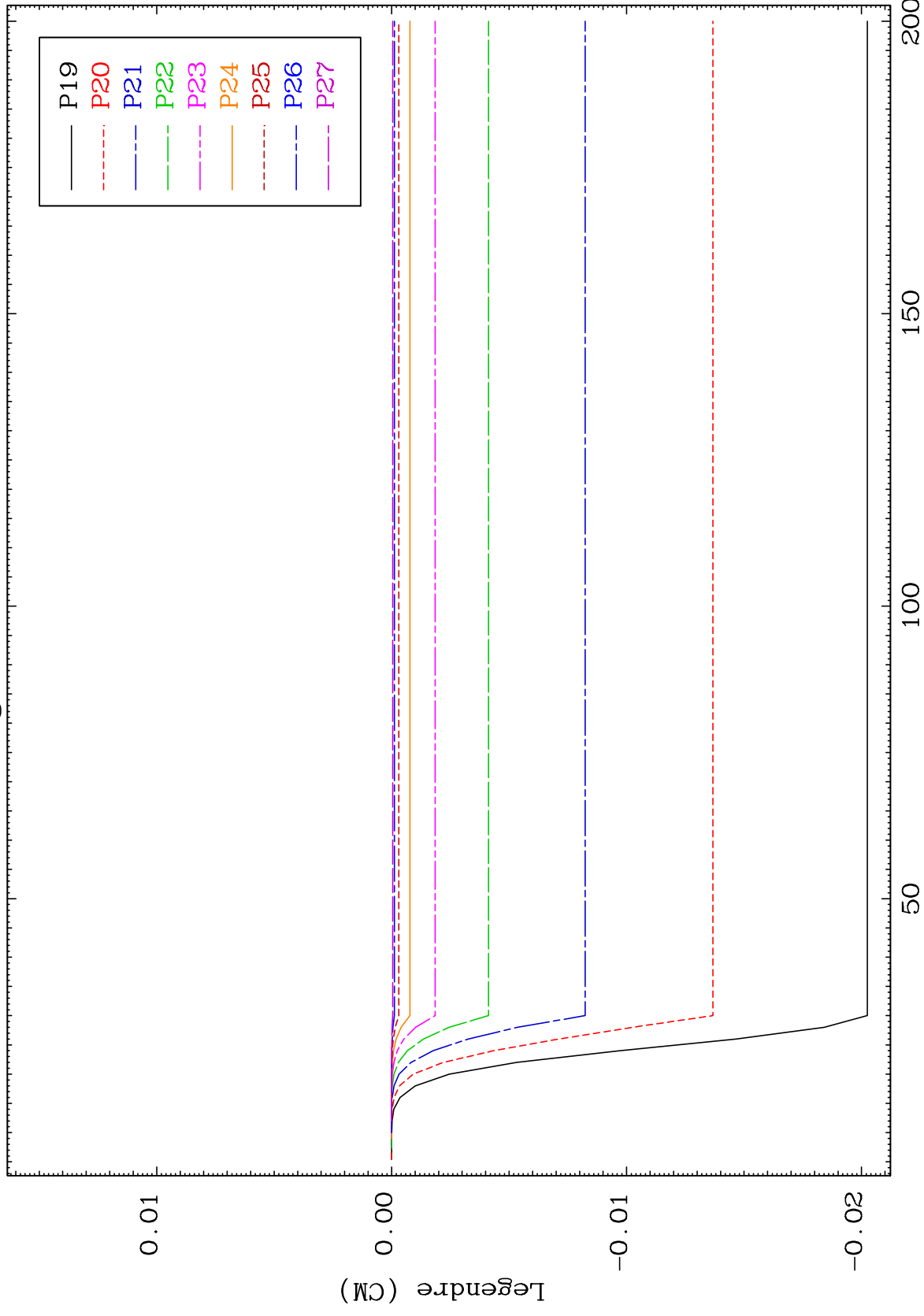
-0.02

-0.04

MAT 6052

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

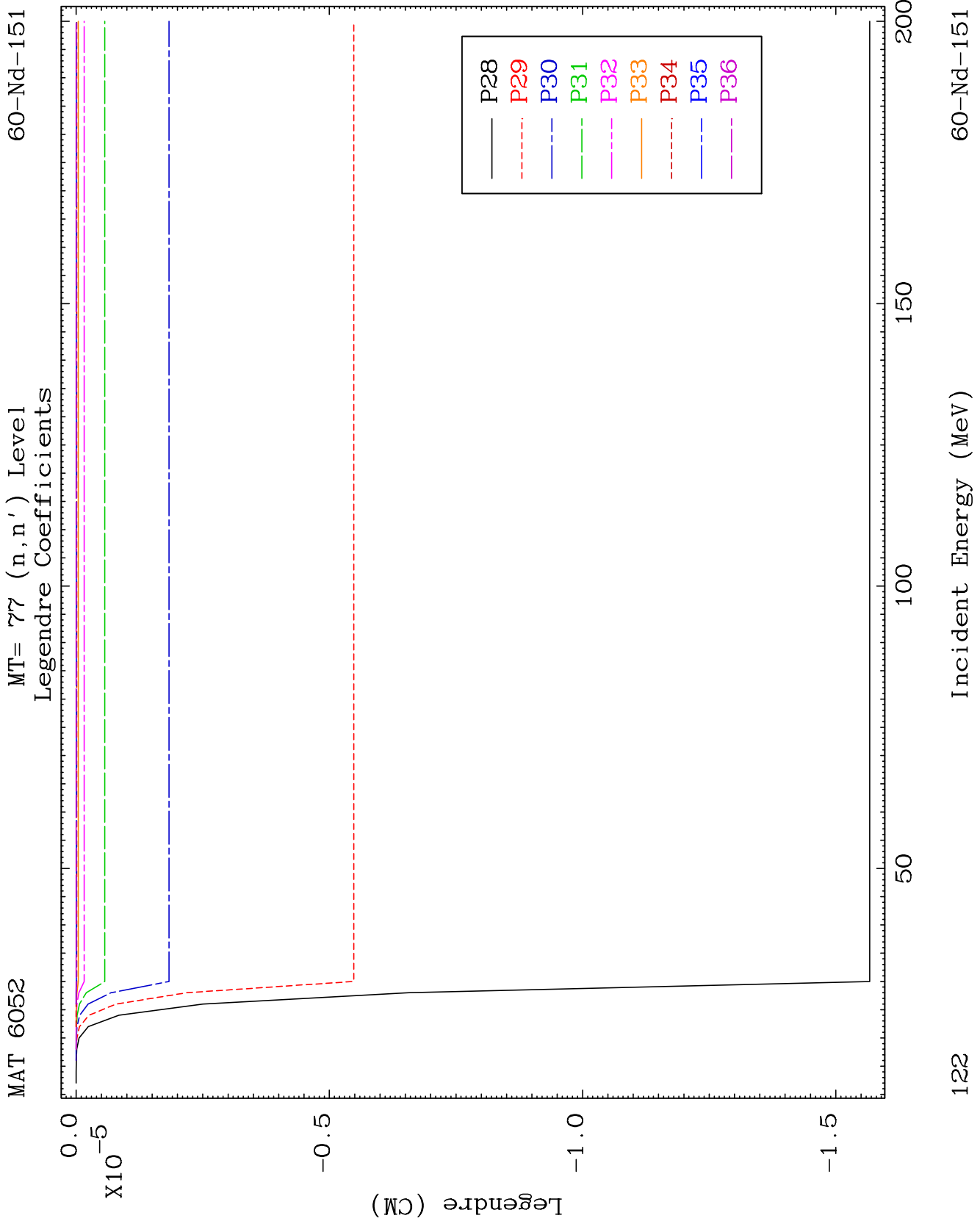
60-Nd-151

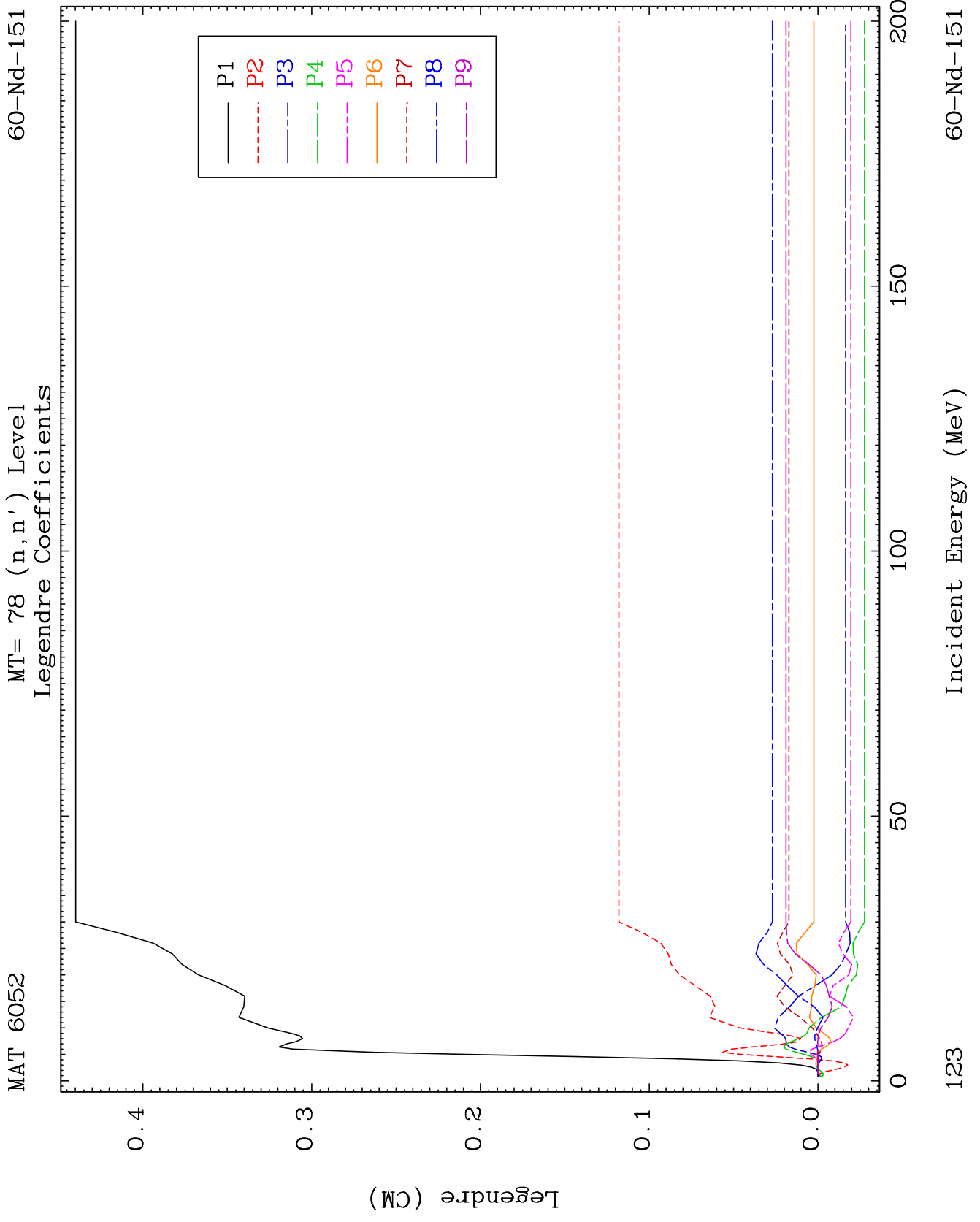


121

Incident Energy (MeV)

60-Nd-151

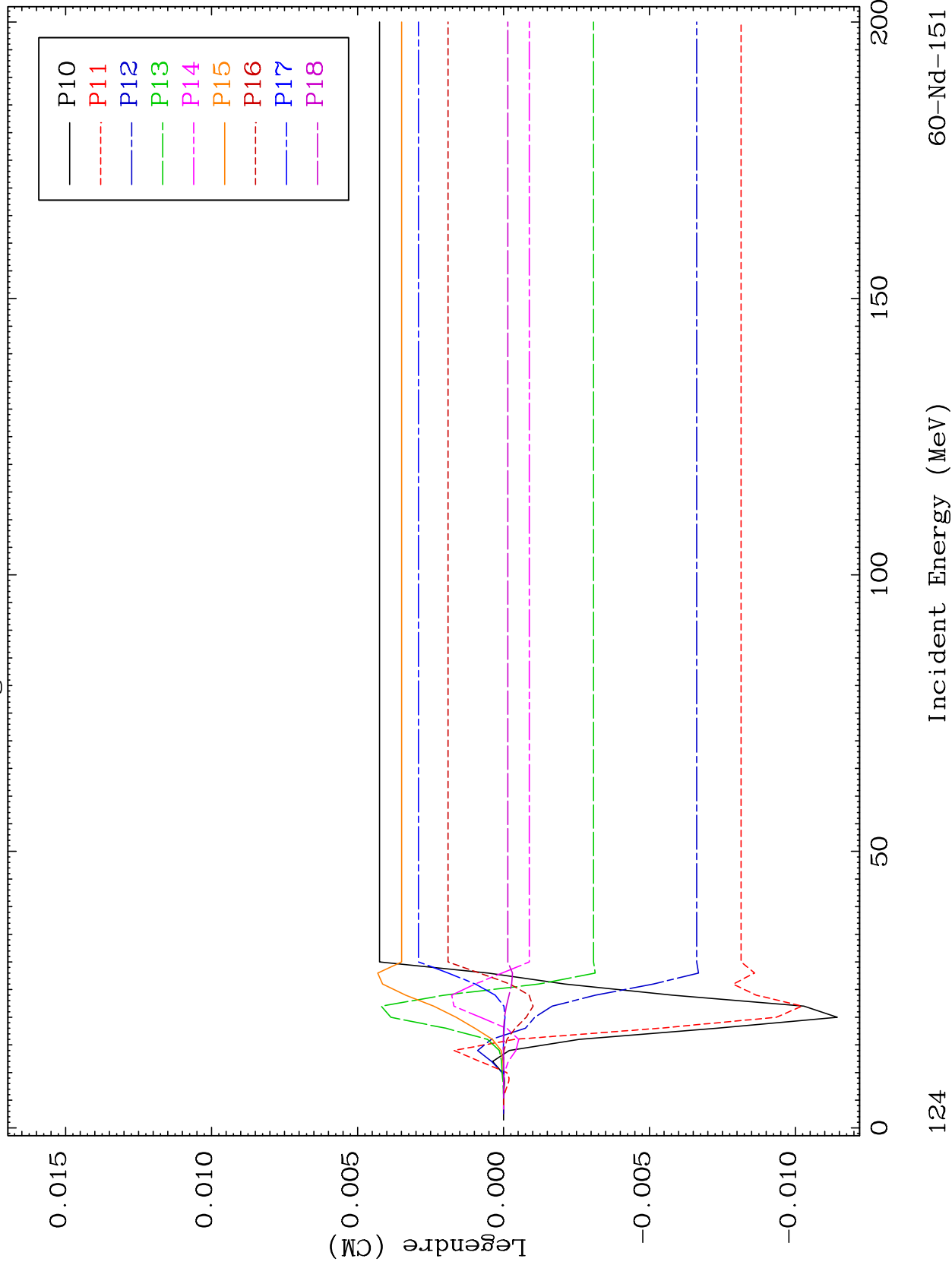




MAT 6052

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

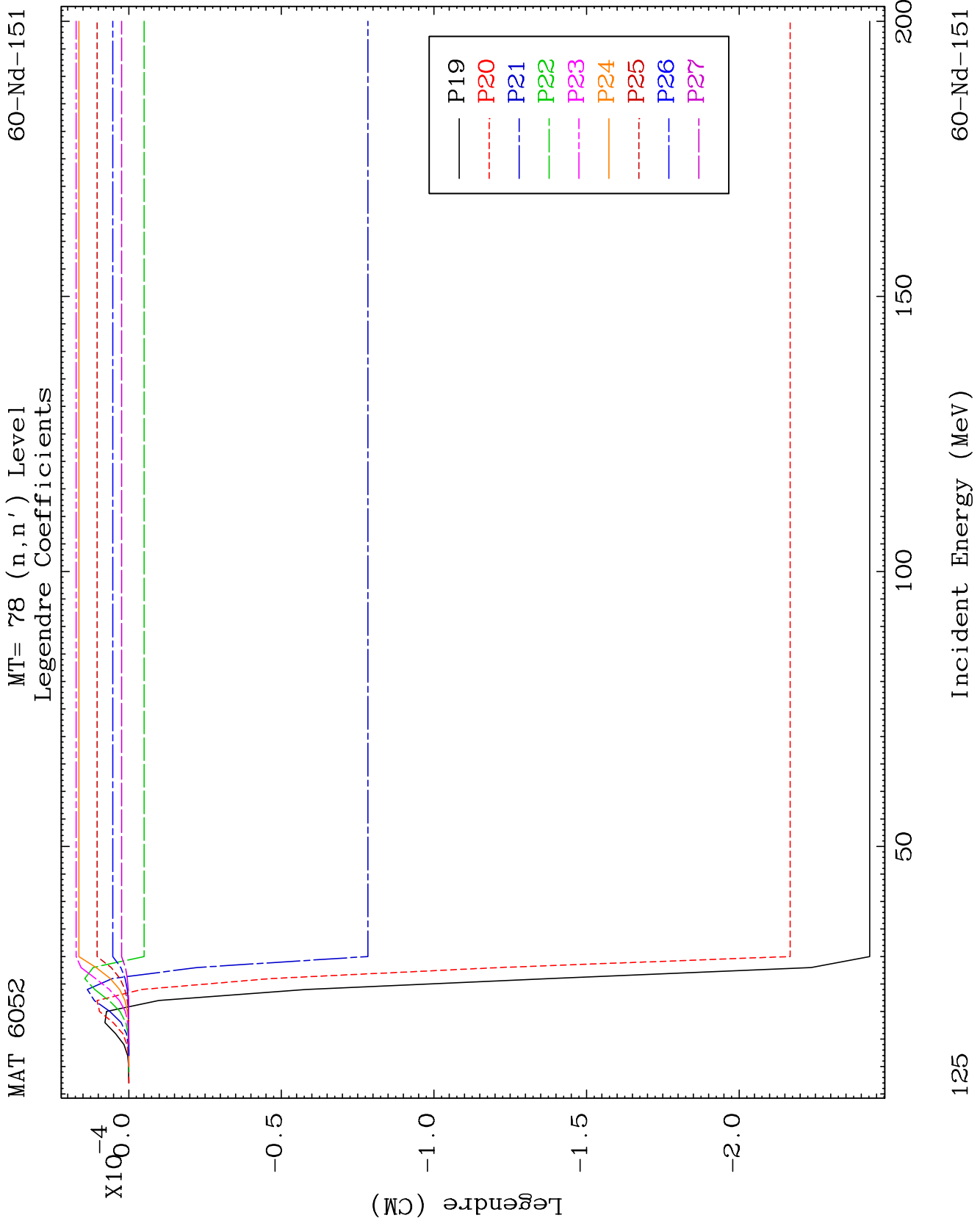
60-Nd-151



124

Incident Energy (MeV)

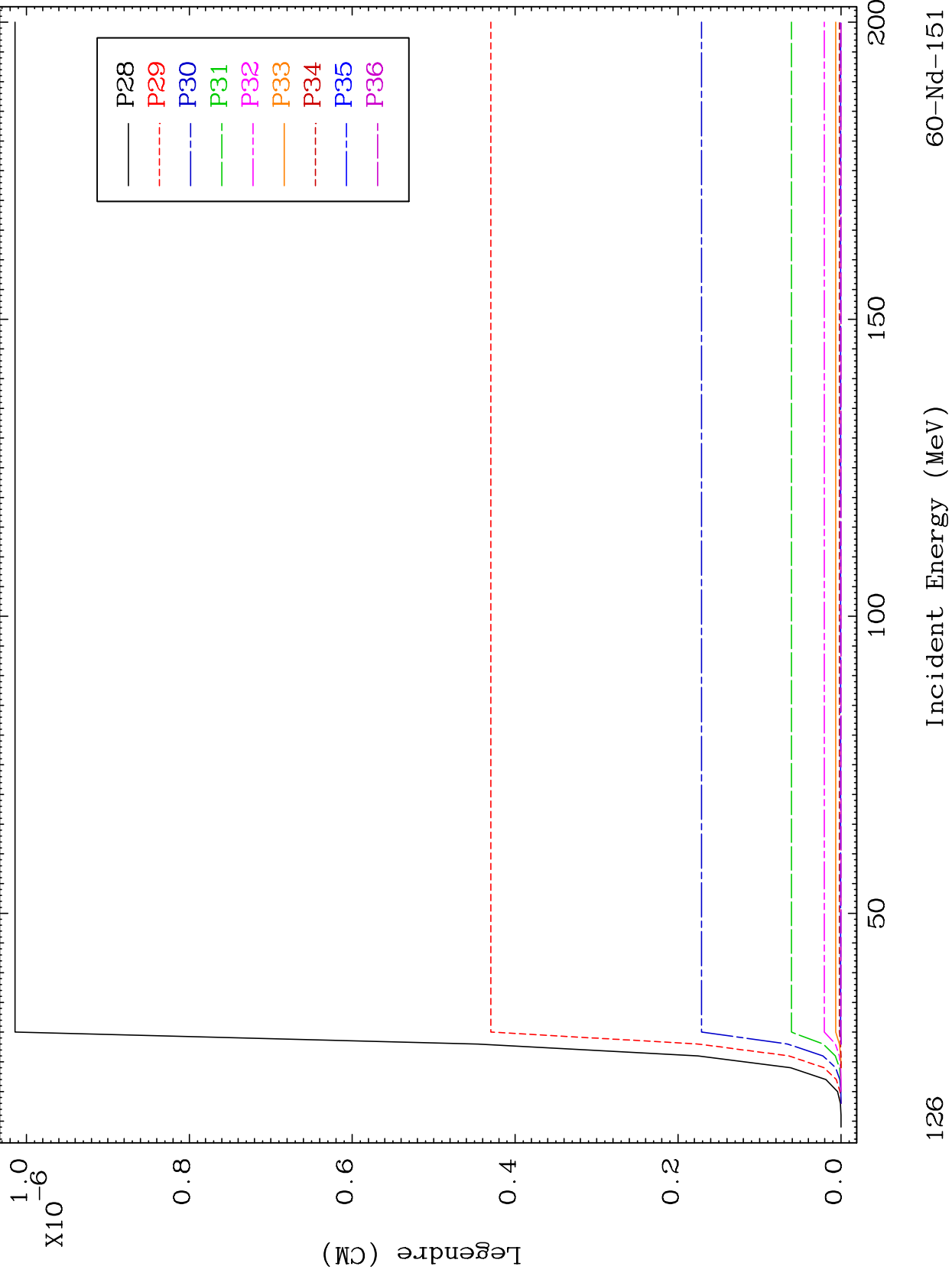
60-Nd-151



MAT 6052

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

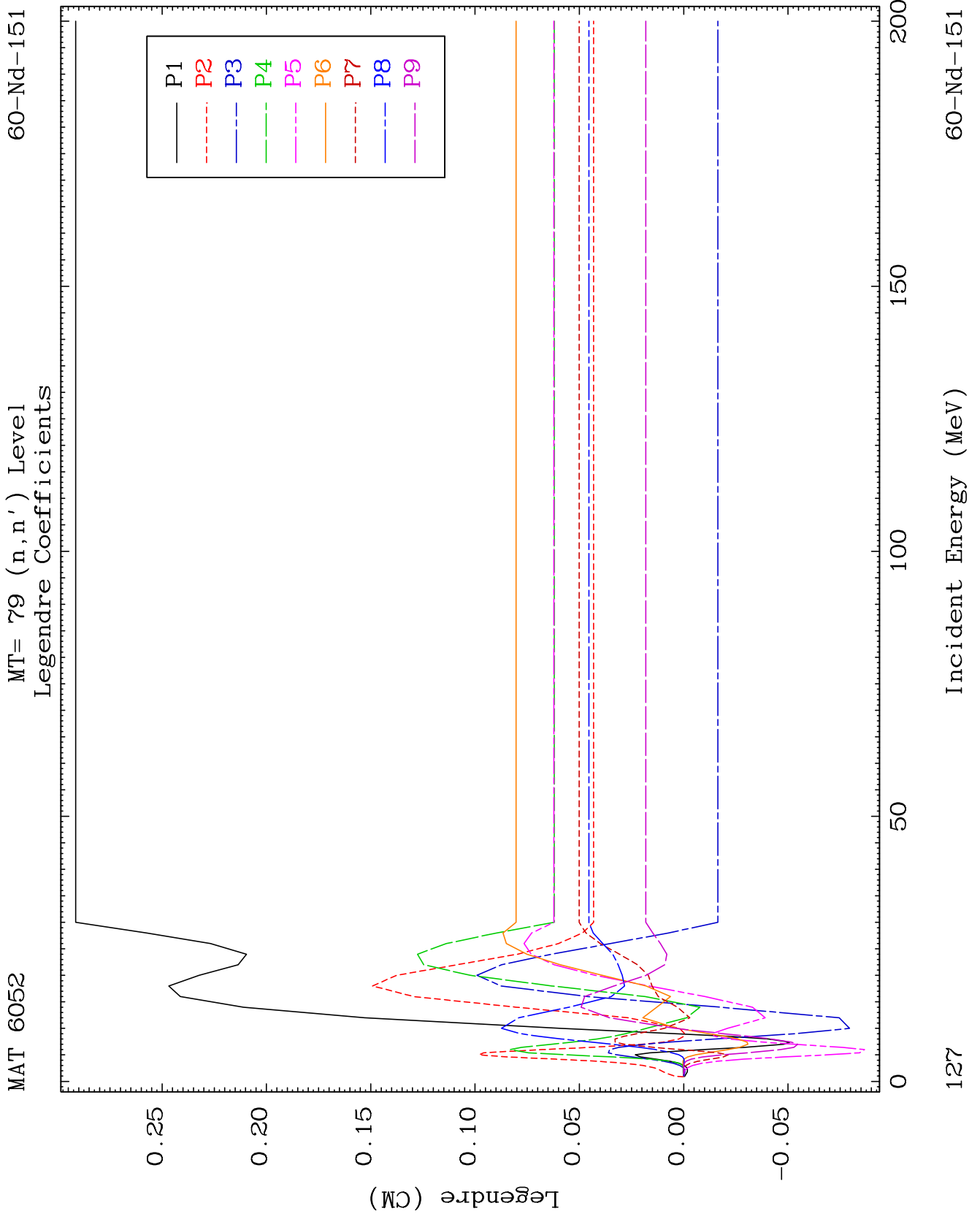
60-Nd-151



126

Incident Energy (MeV)

60-Nd-151

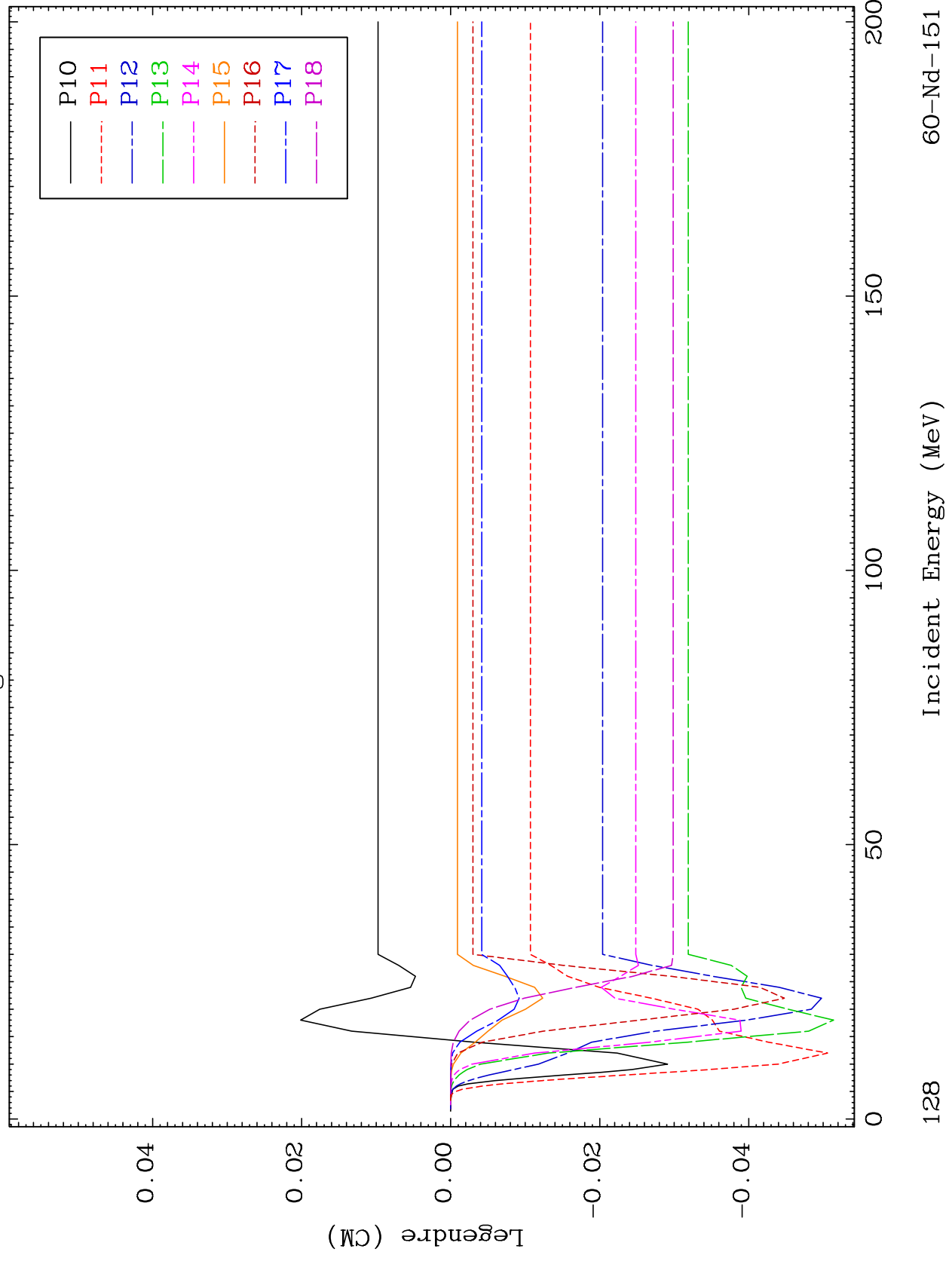




MAT 6052

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

60-Nd-151



60-Nd-151

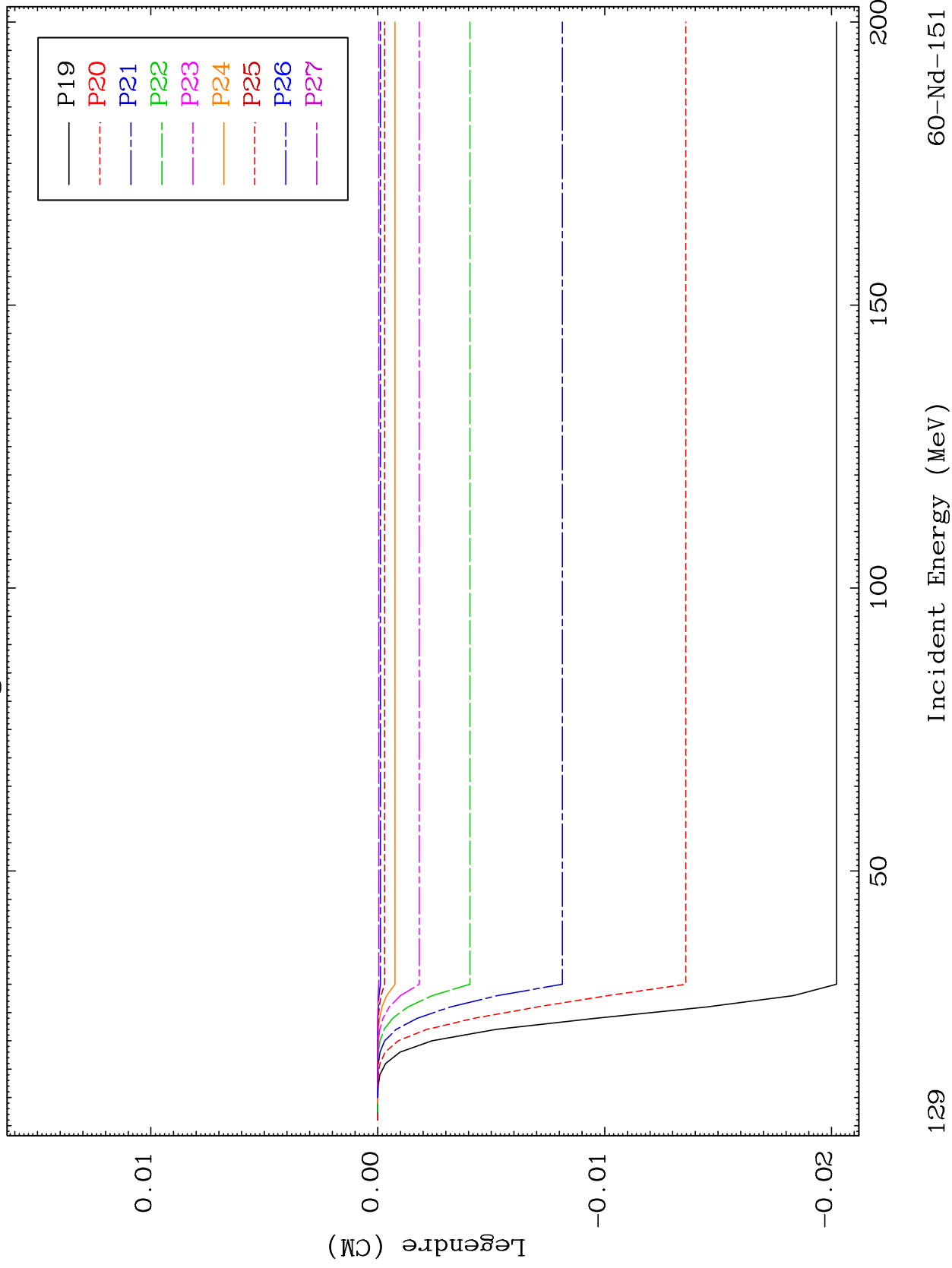
Incident Energy (MeV)

128

MAT 6052

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

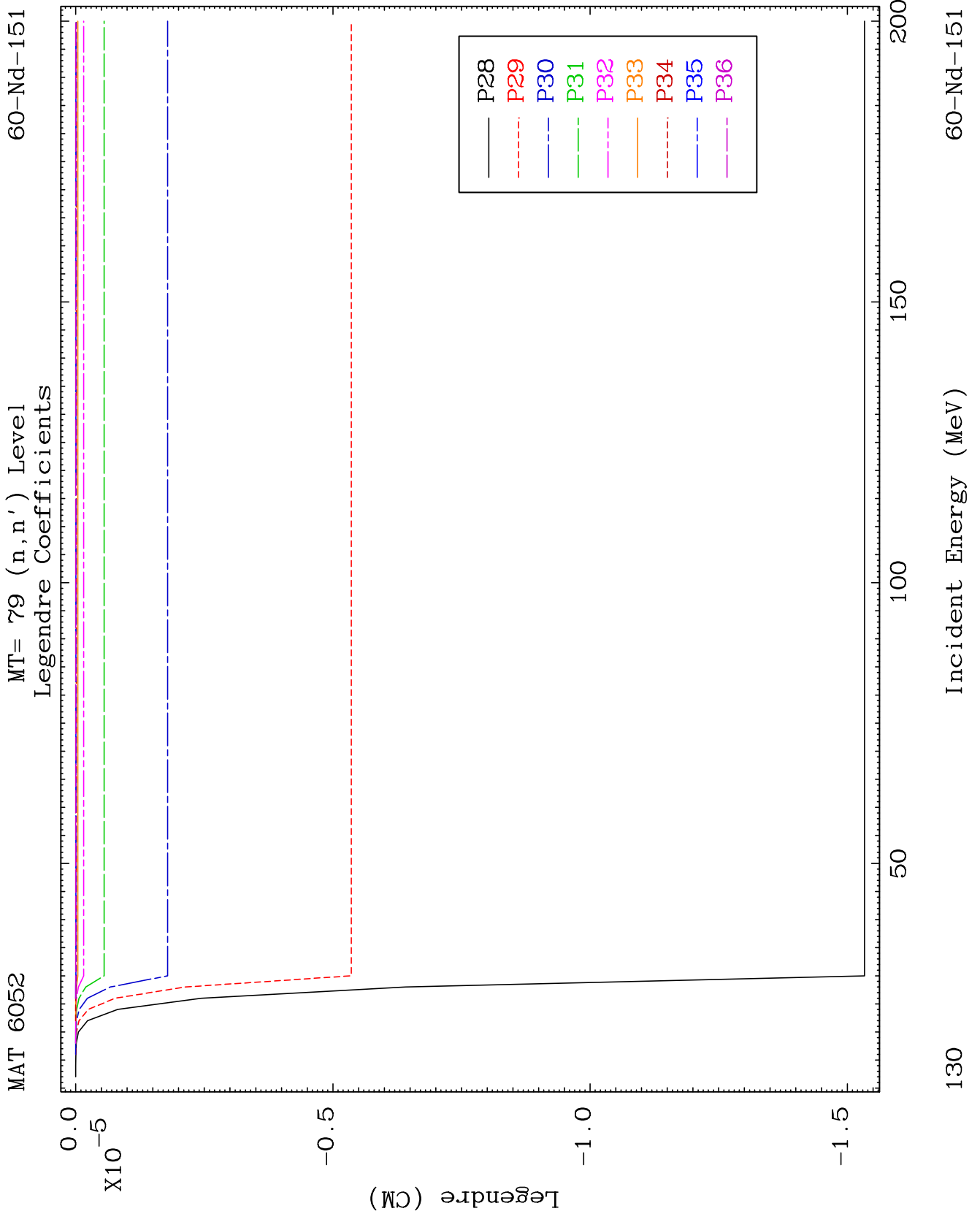
60-Nd-151

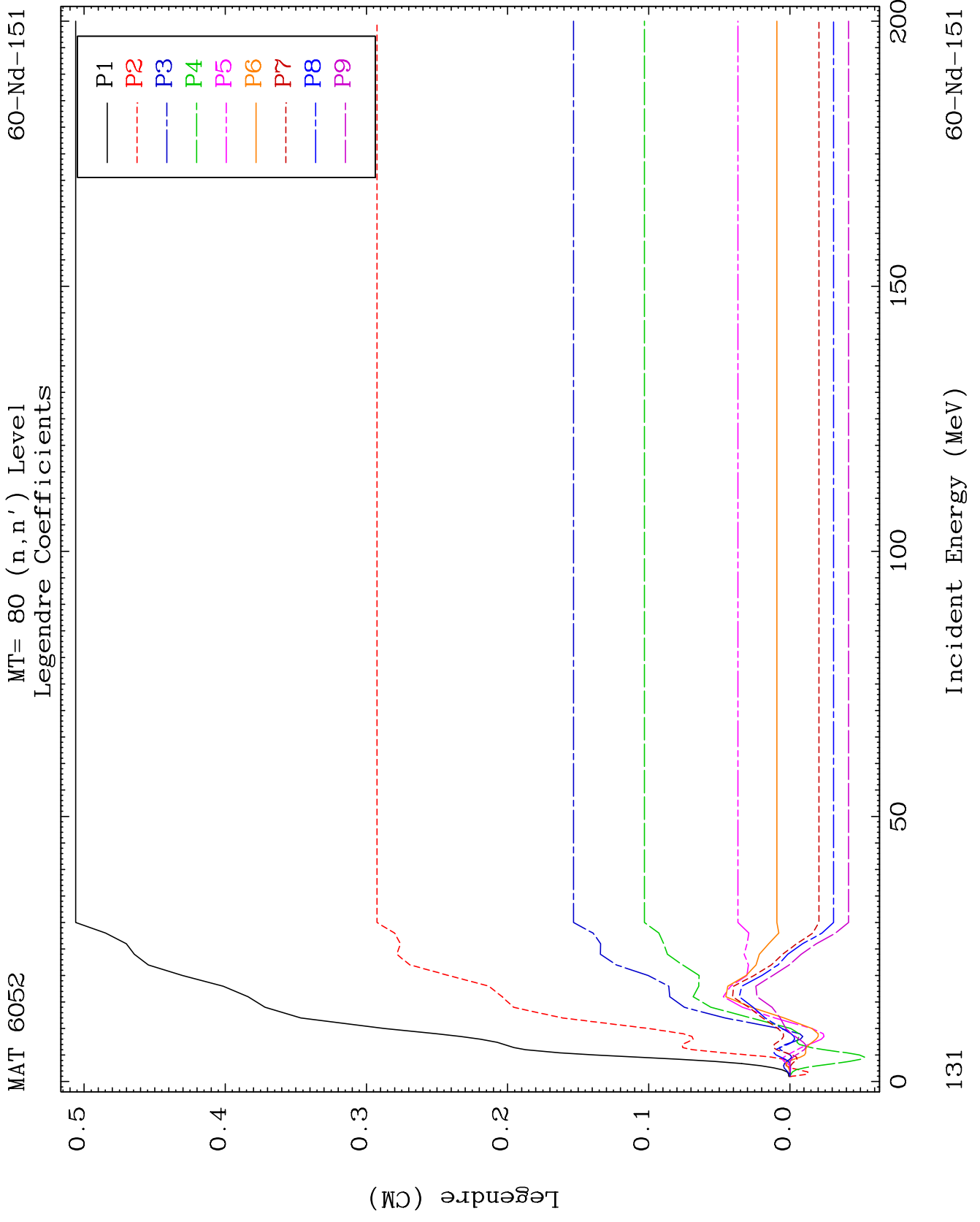


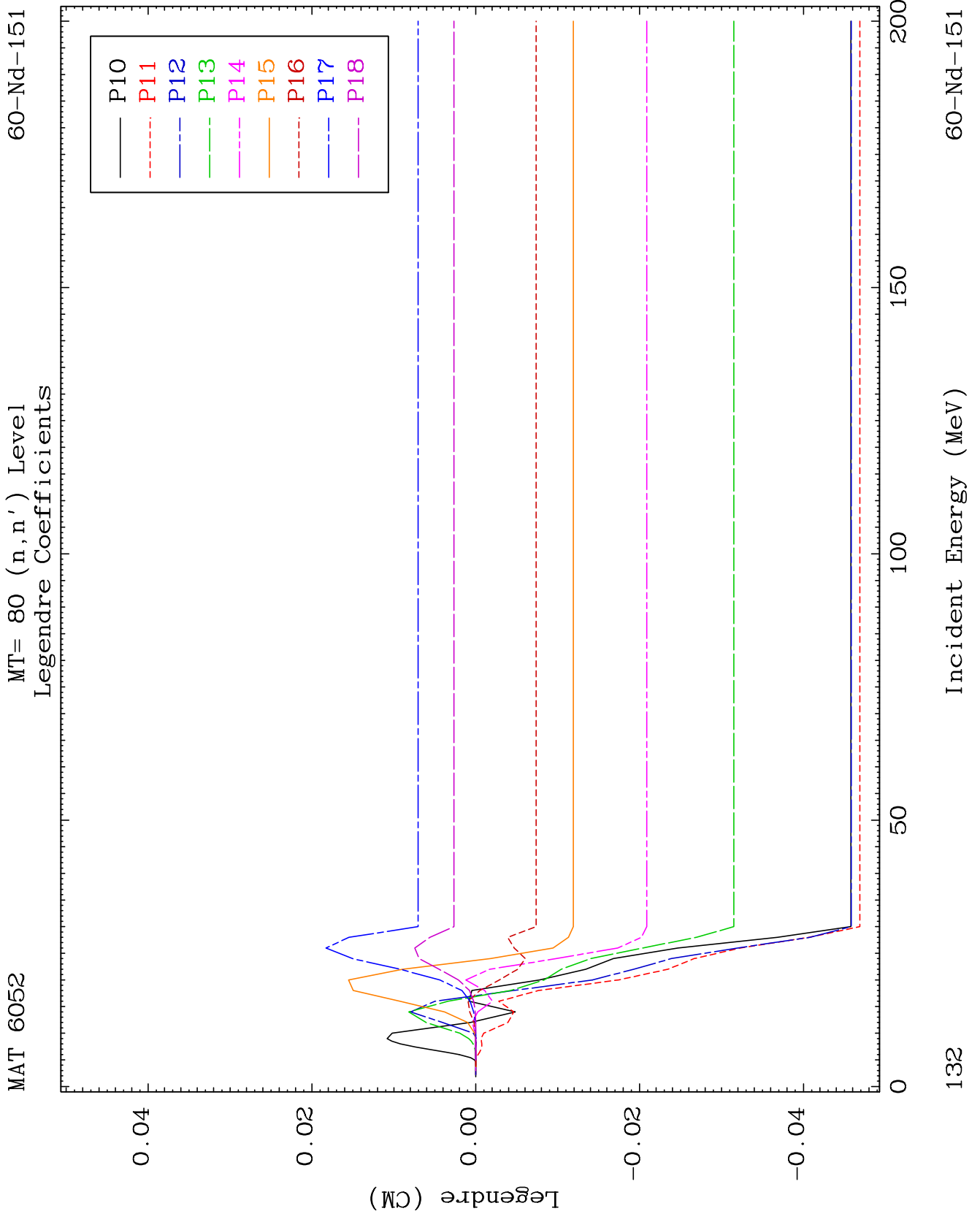
129

Incident Energy (MeV)

60-Nd-151



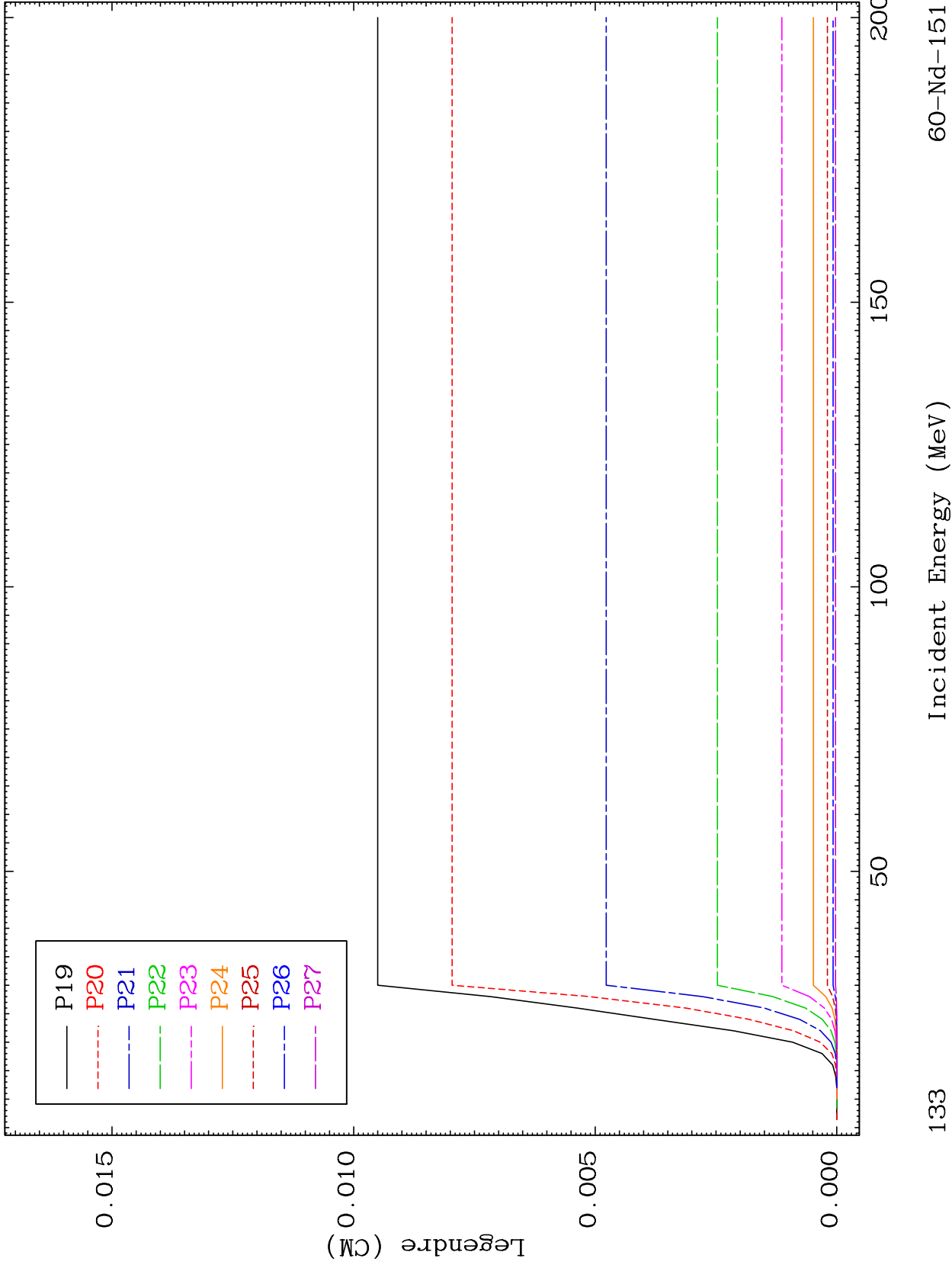




MAT 6052

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

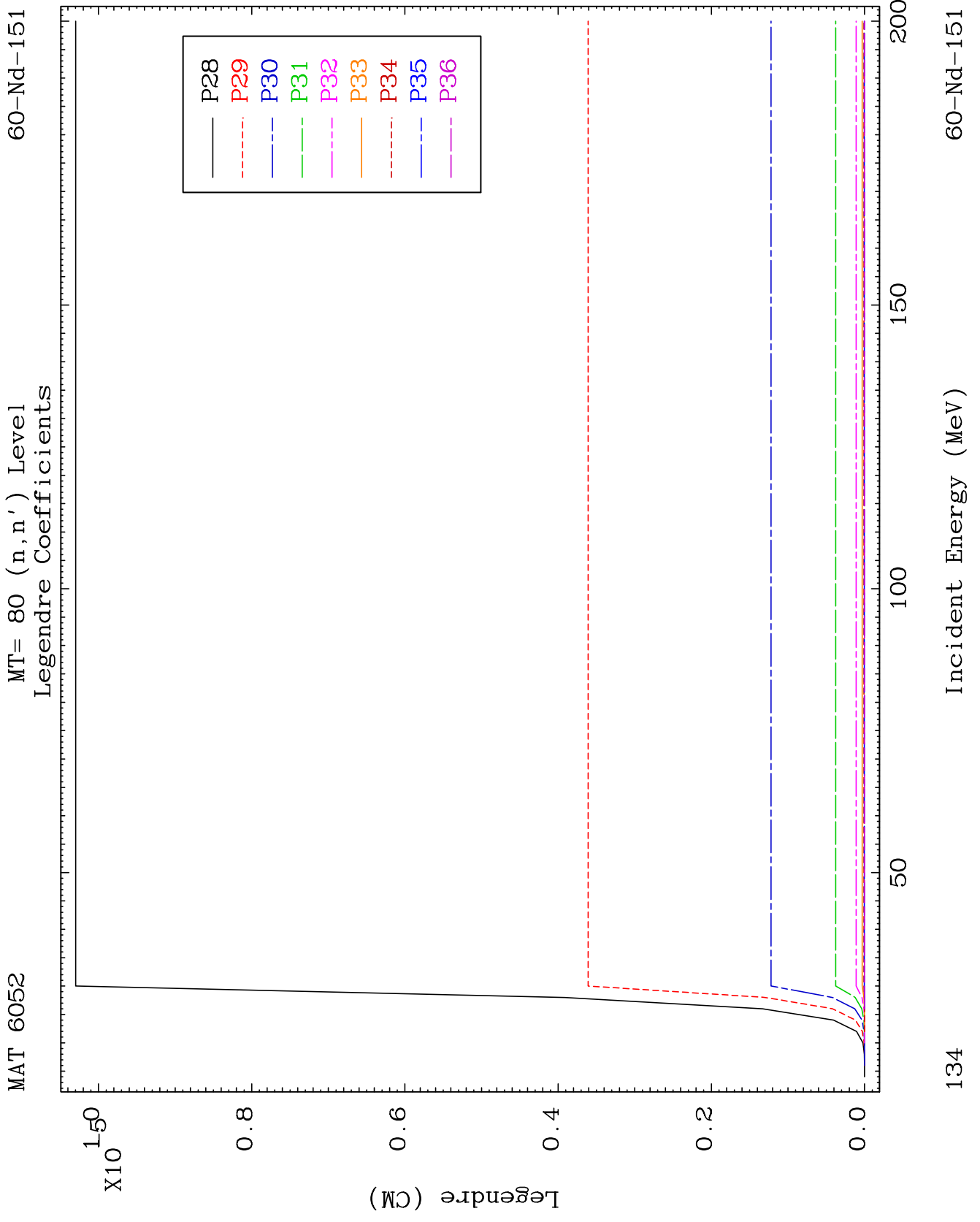
60-Nd-151



133

Incident Energy (MeV)

60-Nd-151

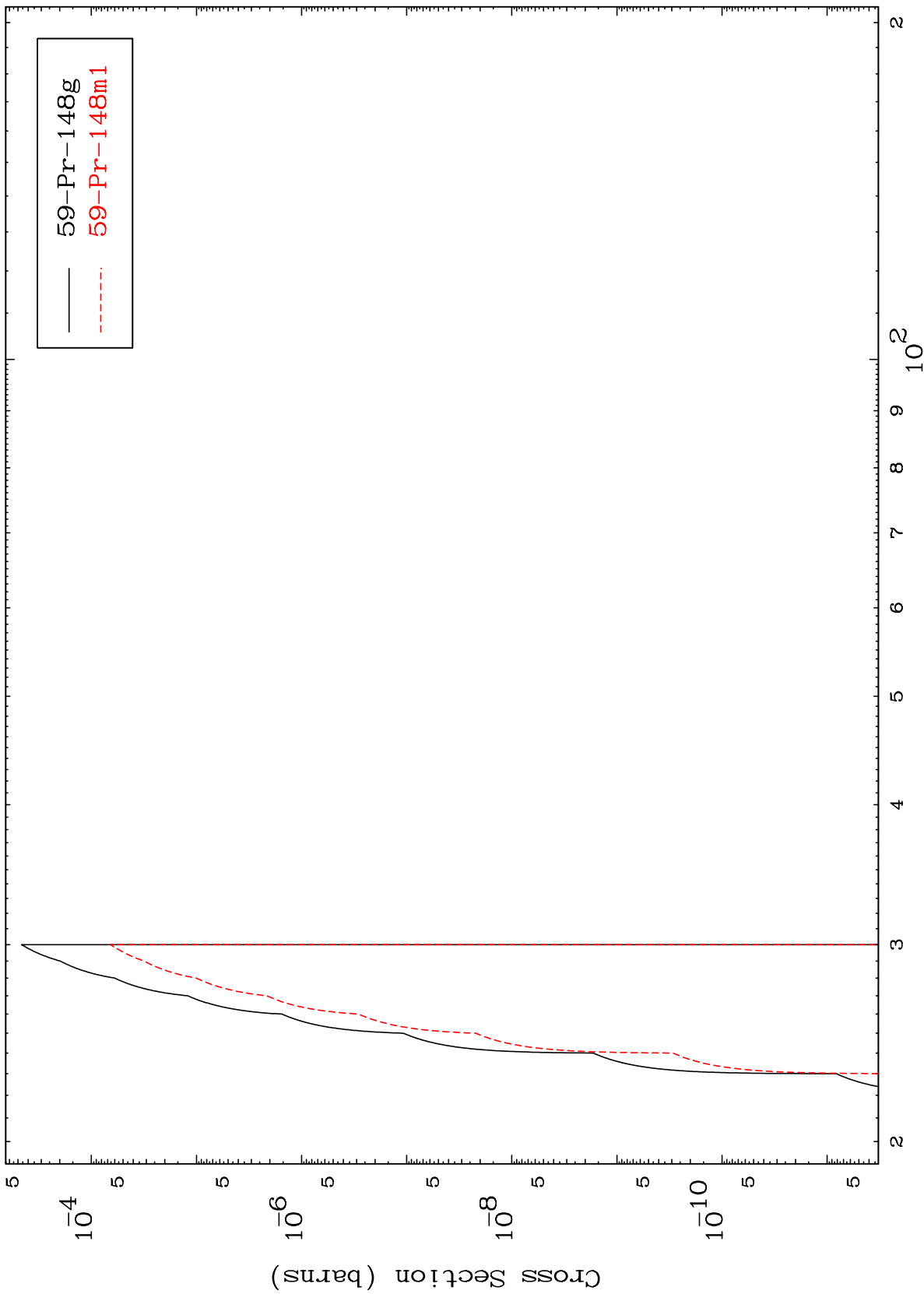


MAT 6052

(n,2n) d

60-Nd-151

Radionuclide Production Cross Section



135

Incident Energy (MeV)

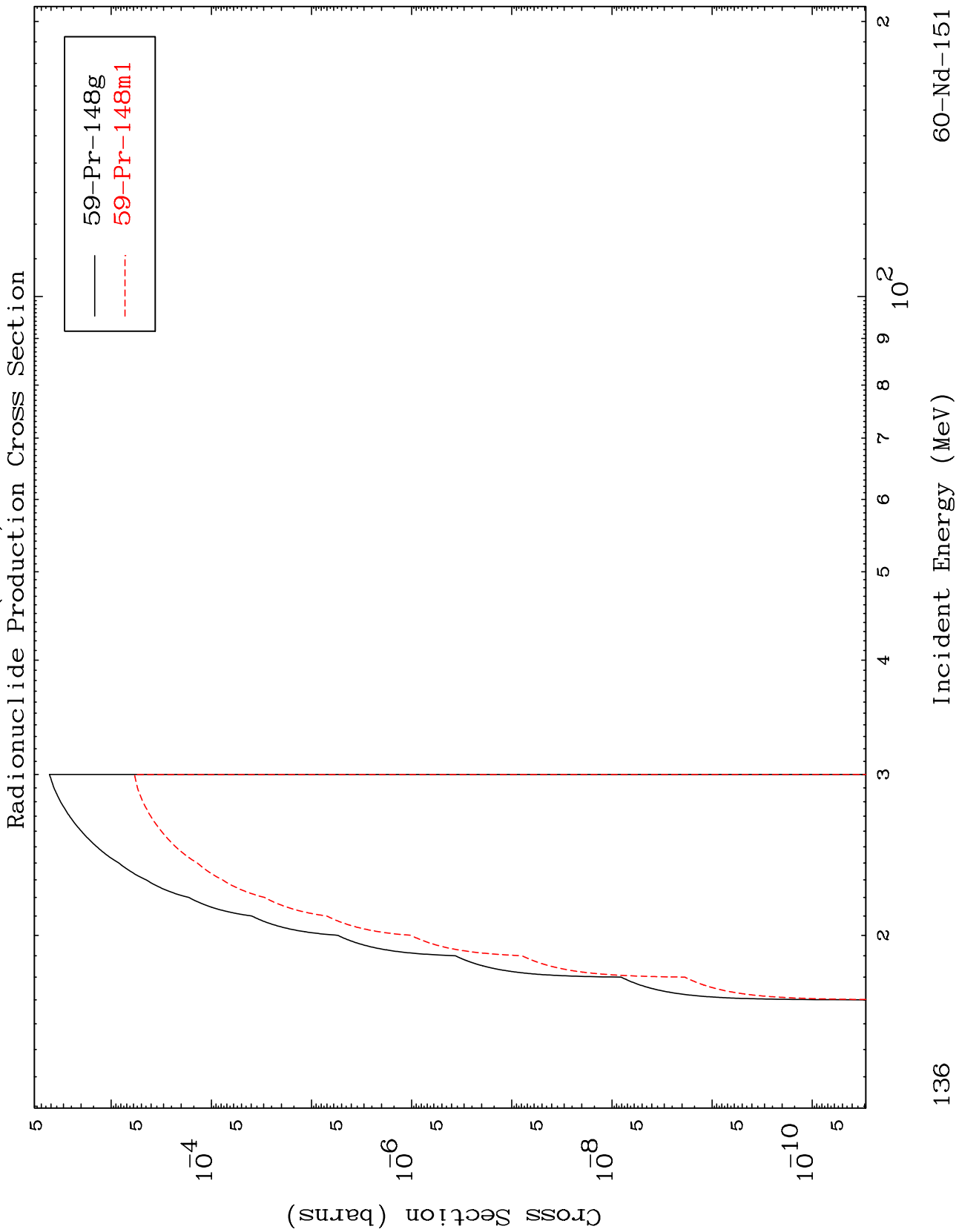
60-Nd-151



MAT 6052

(n,n') t

60-Nd-151



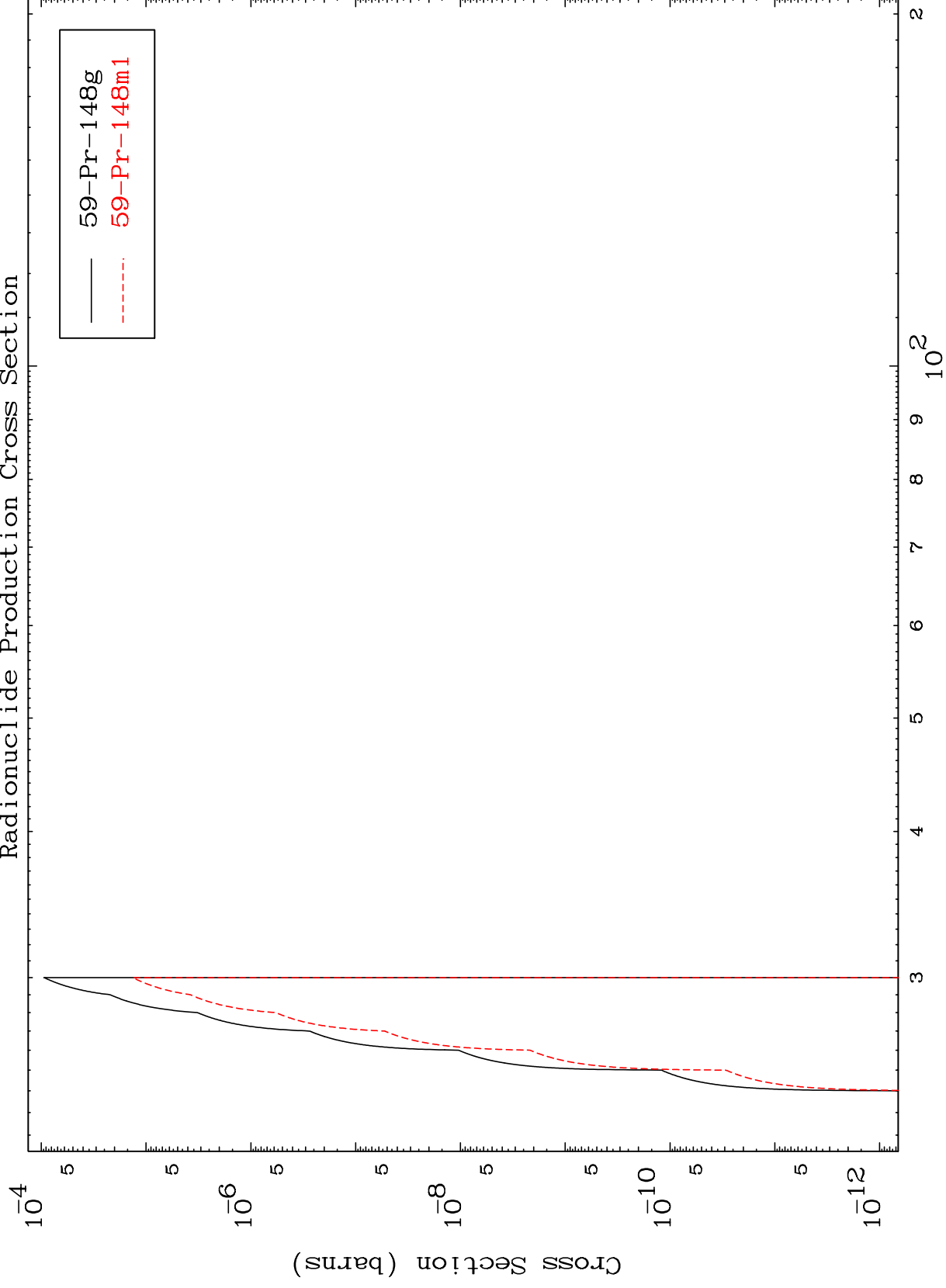
136

MAT 6052

(n,3n) p

60-Nd-151

Radionuclide Production Cross Section



137

Incident Energy (MeV)

60-Nd-151