

Program EVALPLOT  
(Version 2021-1)

by

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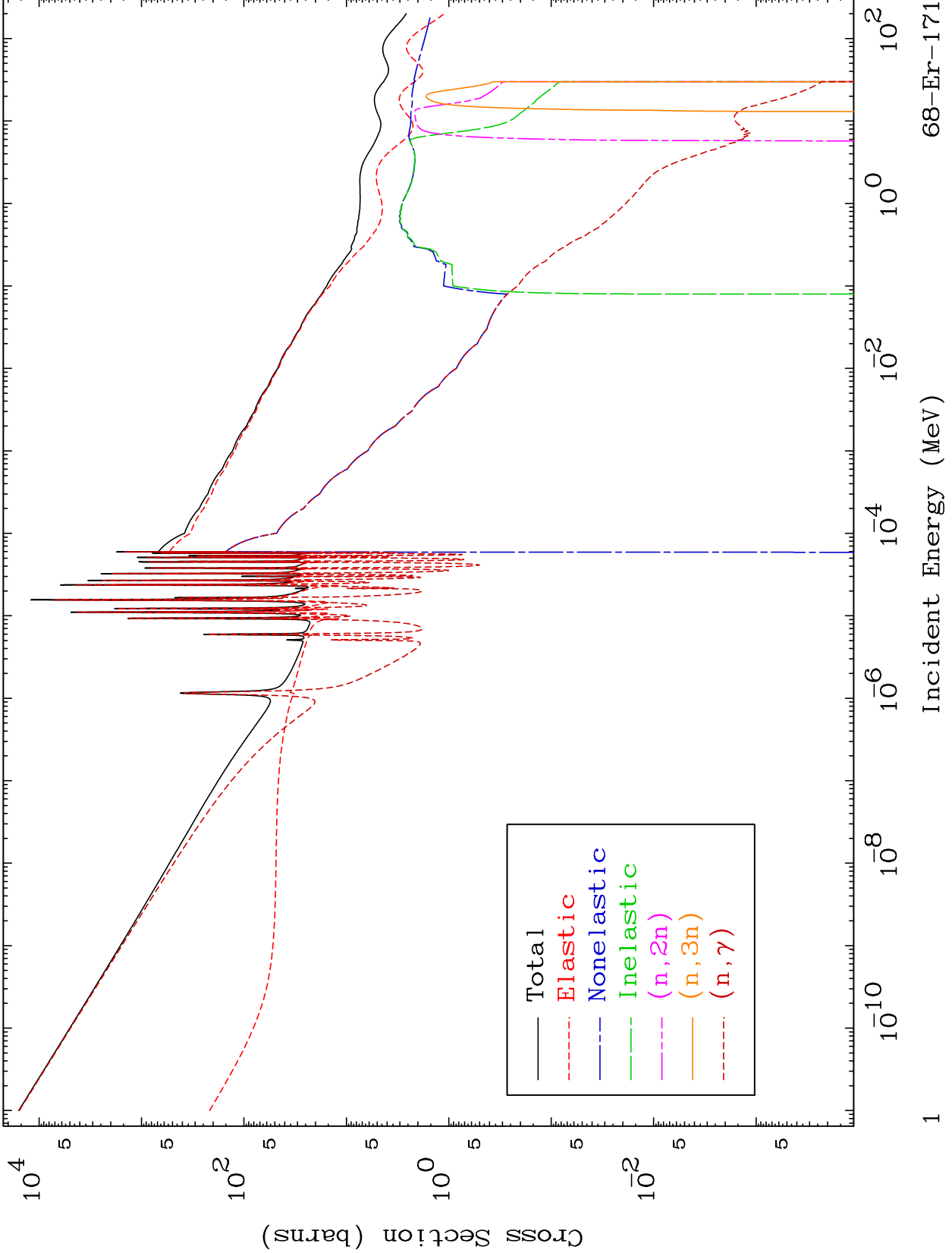
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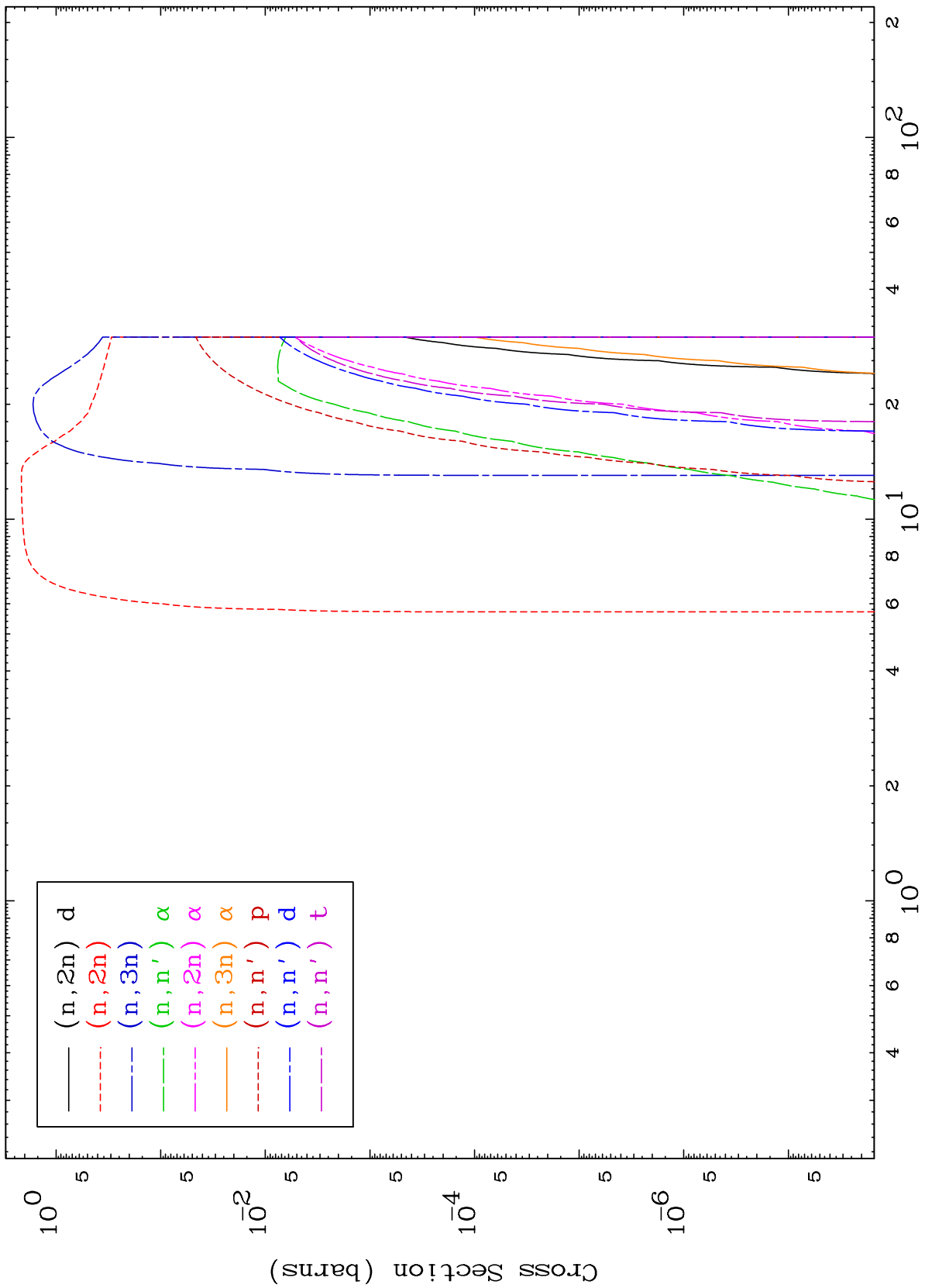
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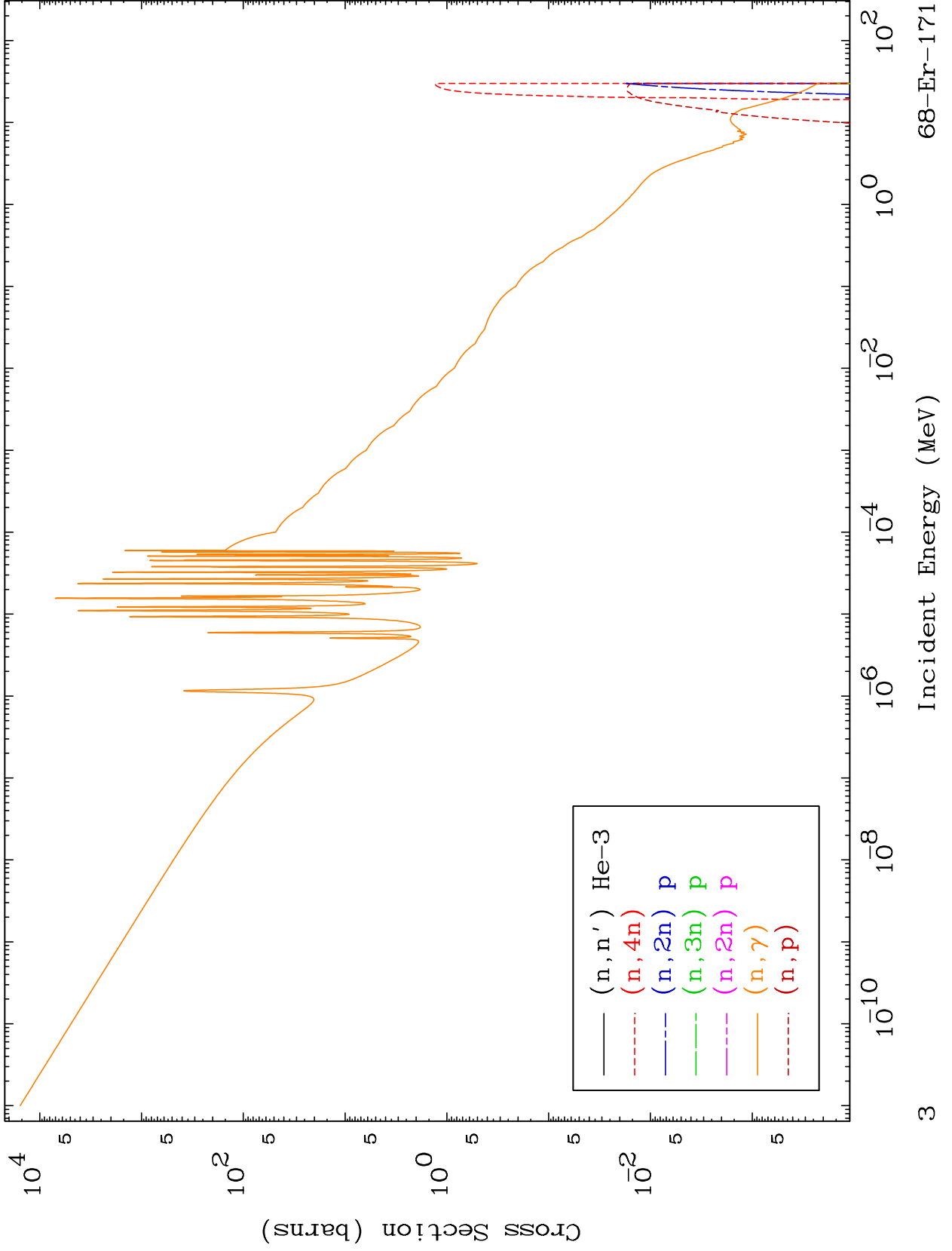
MAT 6852

Neutron Major  
293 Kelvin Cross Sections

68-Er-171



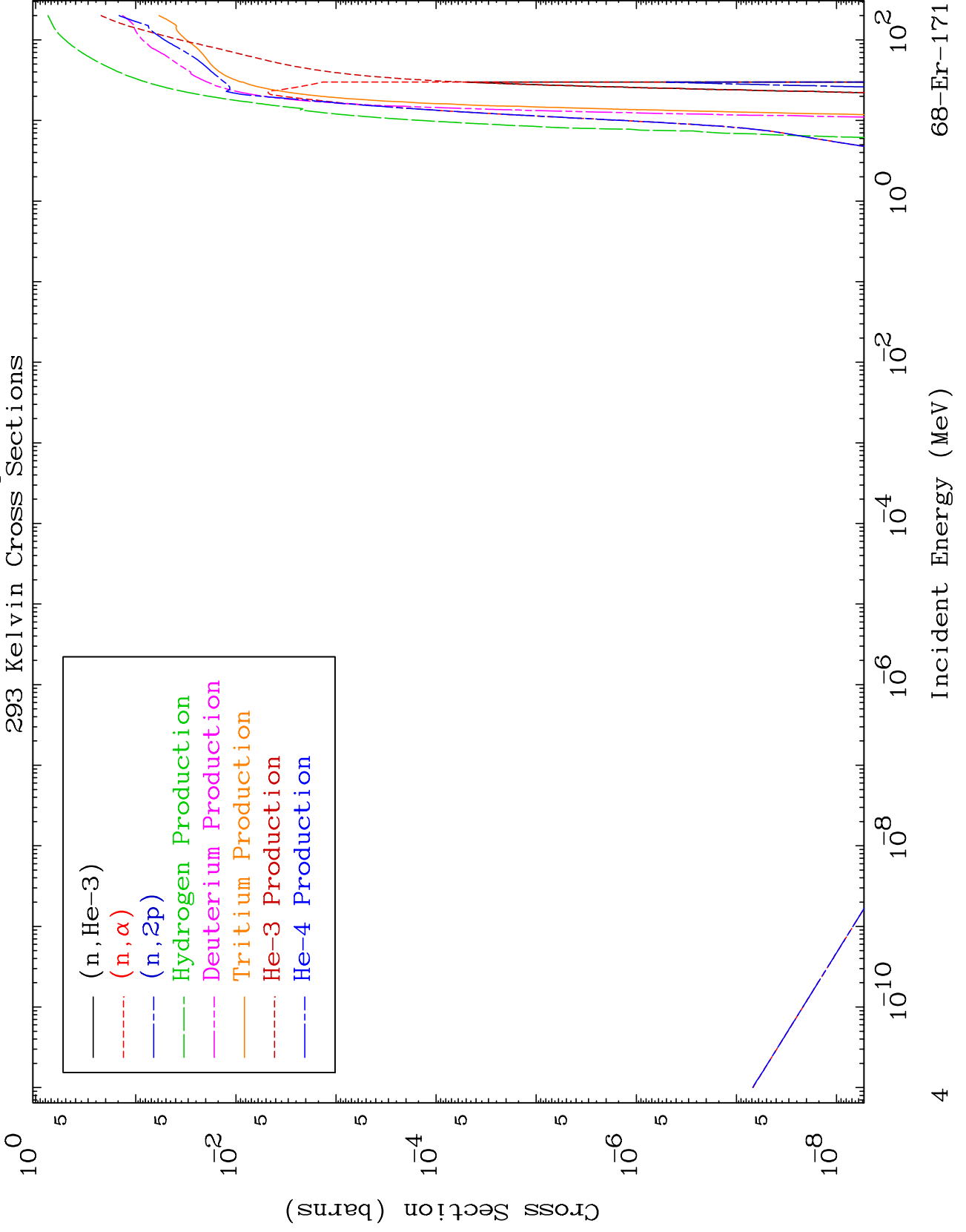


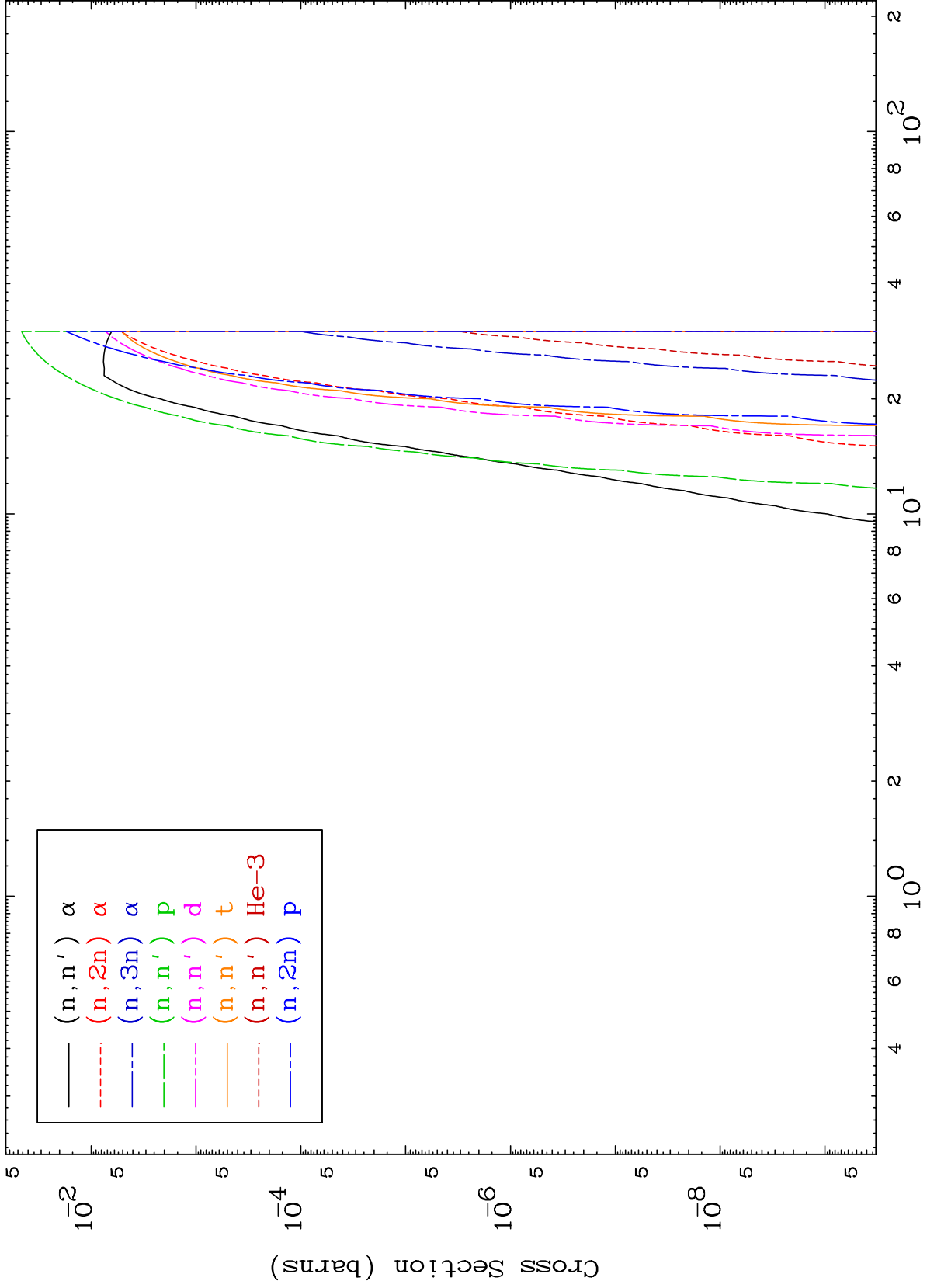


MAT 6852

Neutron Absorption  
293 Kelvin Cross Sections

68-Er-171

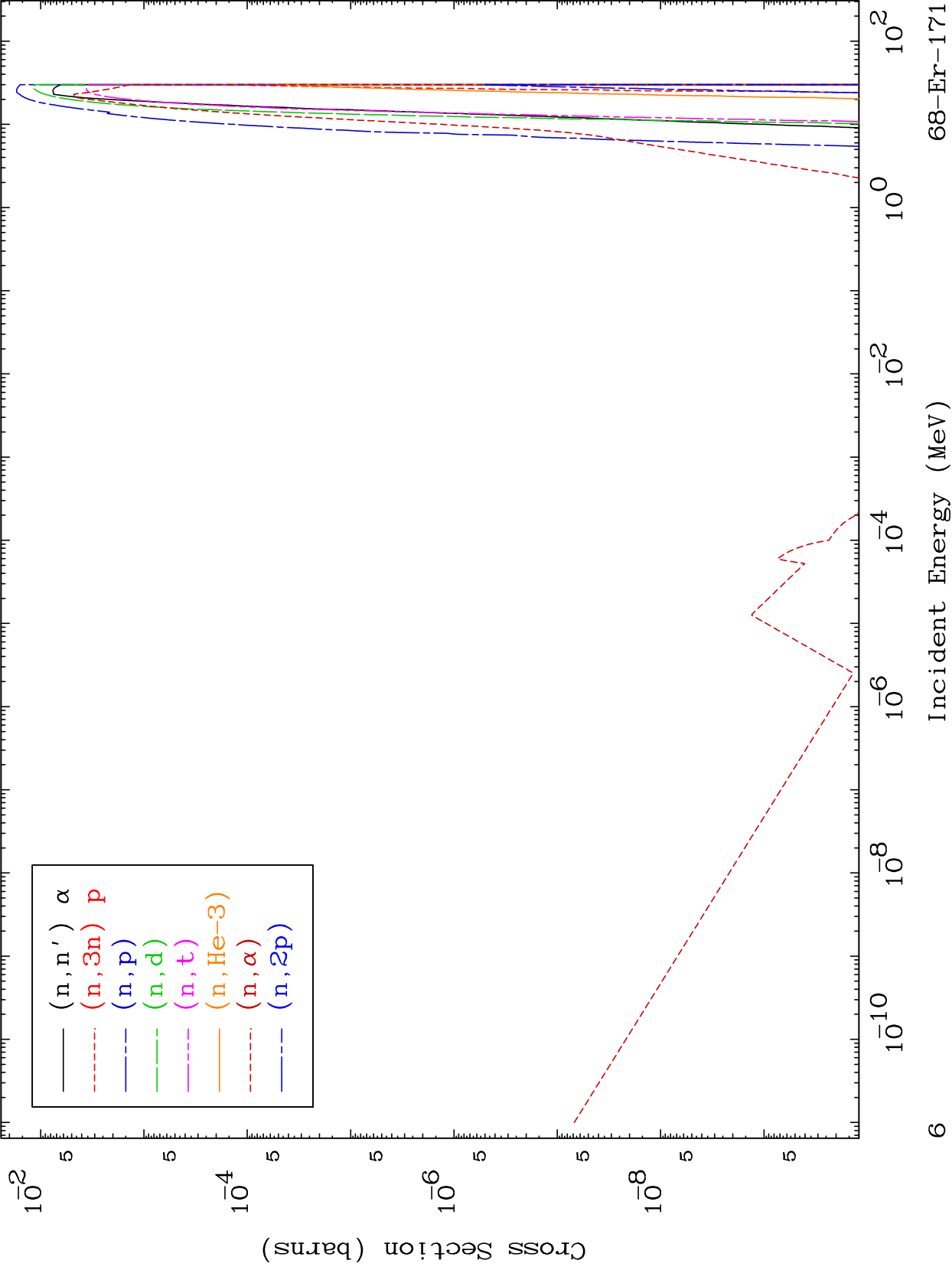


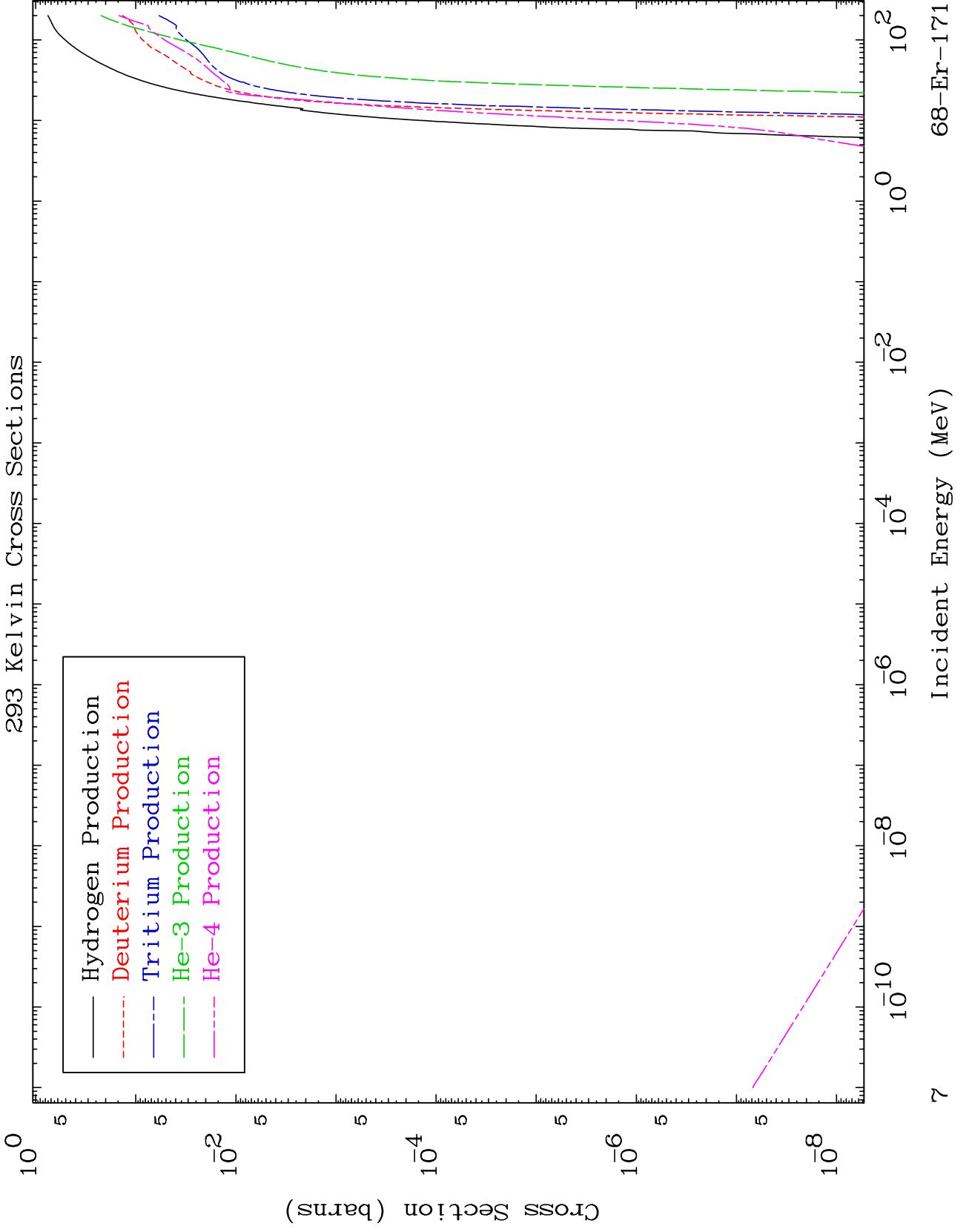


MAT 6852

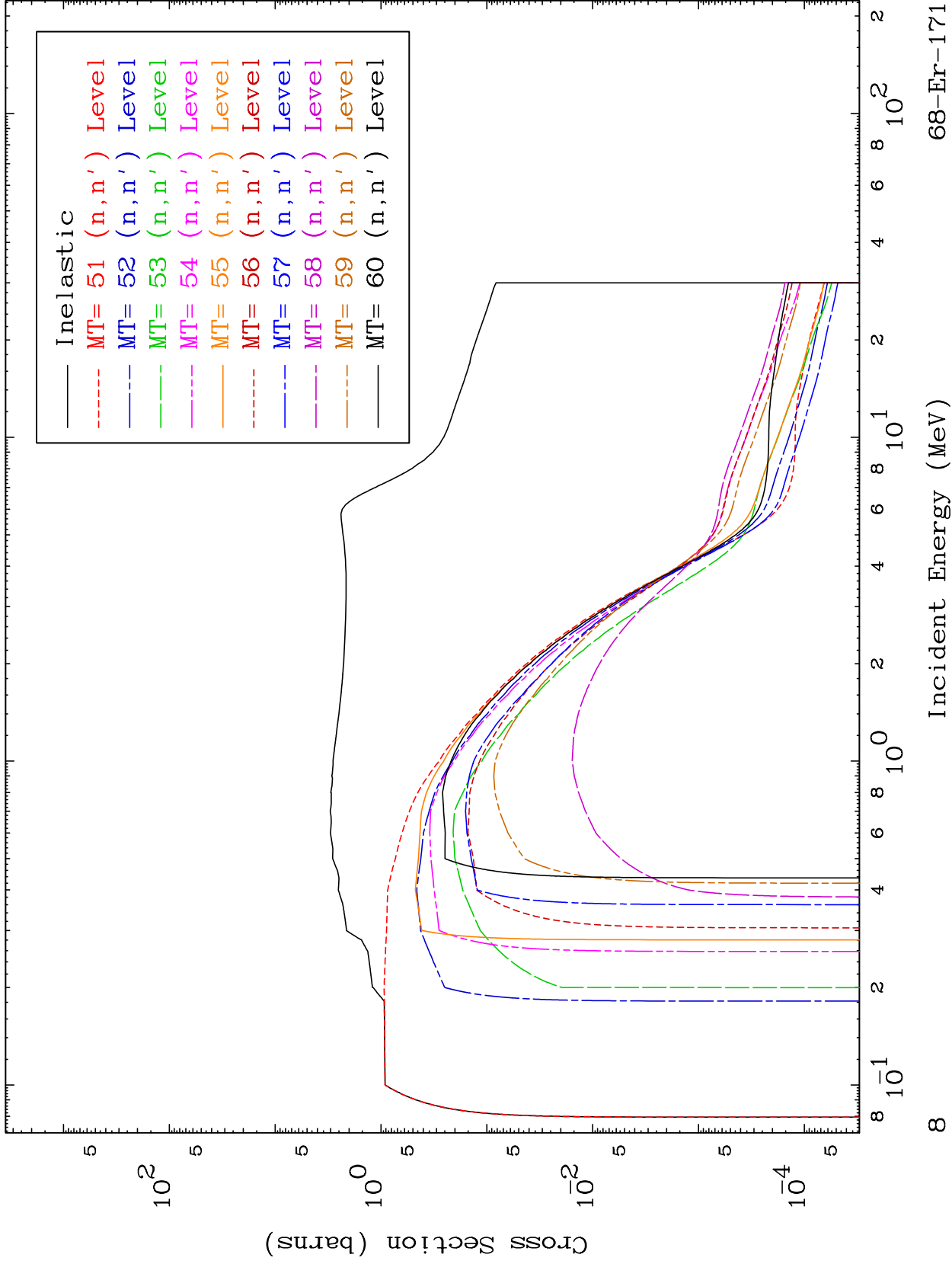
Charged Particle  
293 Kelvin Cross Sections

68-Er-171

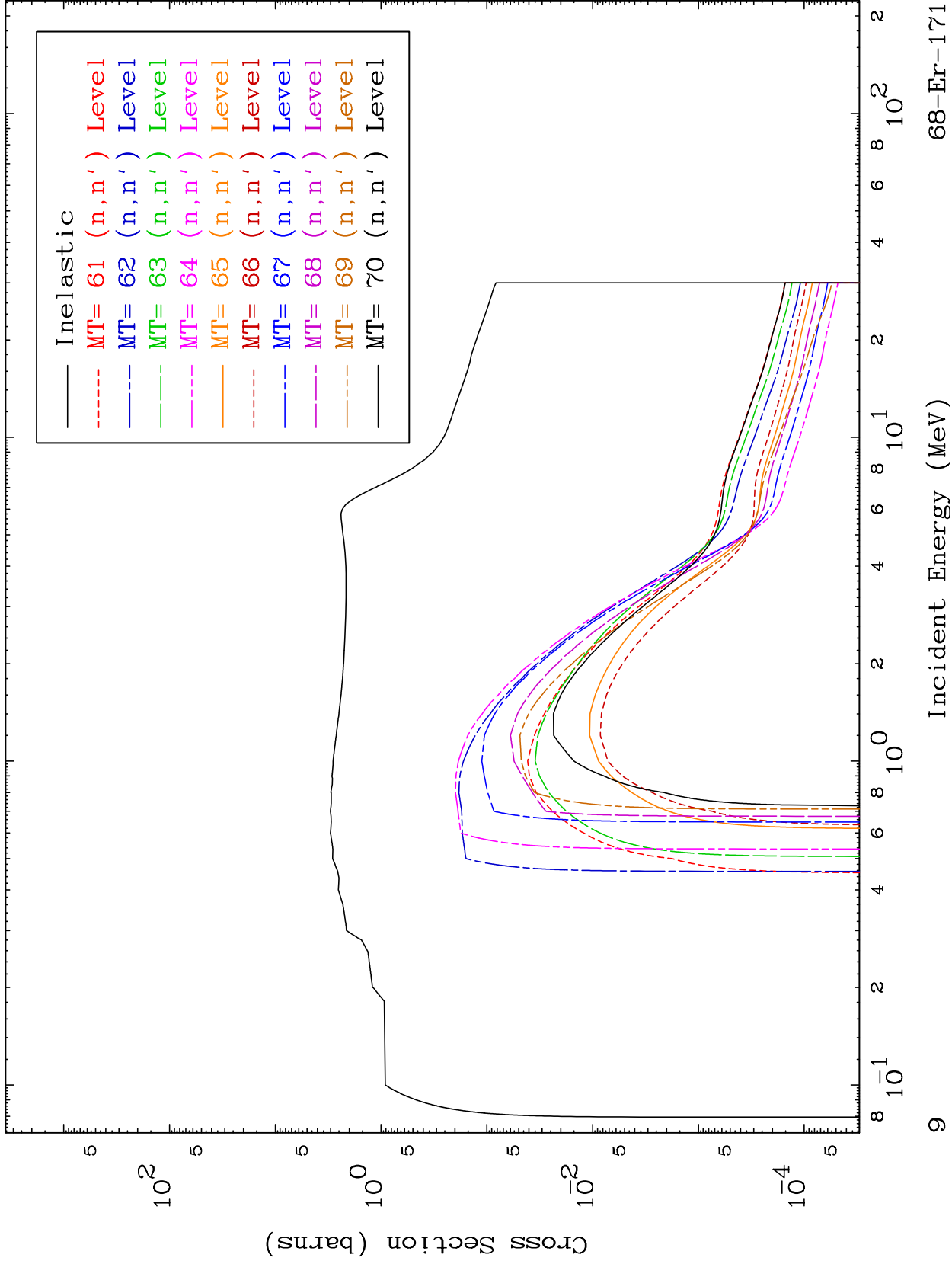








293 Kelvin Cross Sections

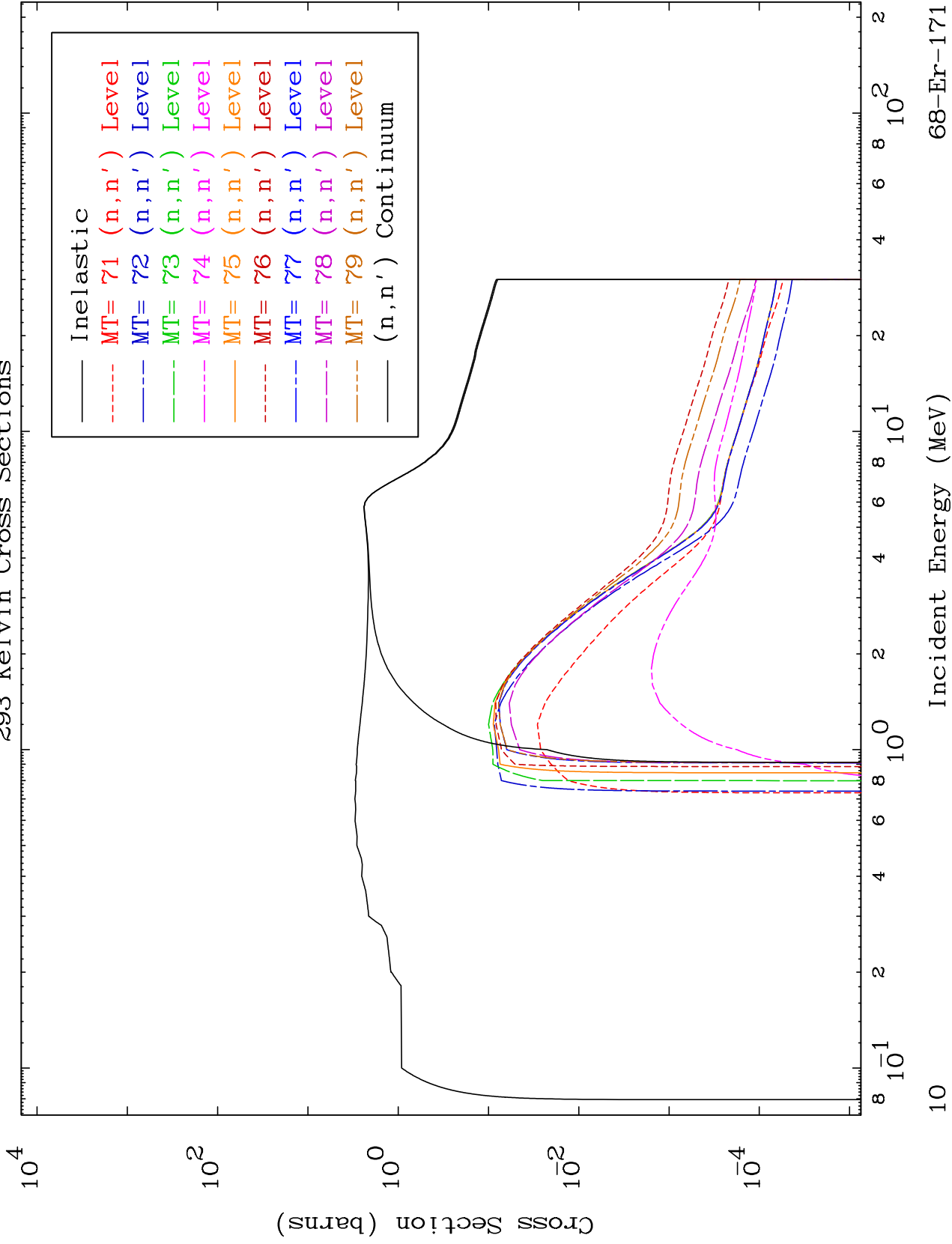


MAT 6852

(n,n') Levels

293 Kelvin Cross Sections

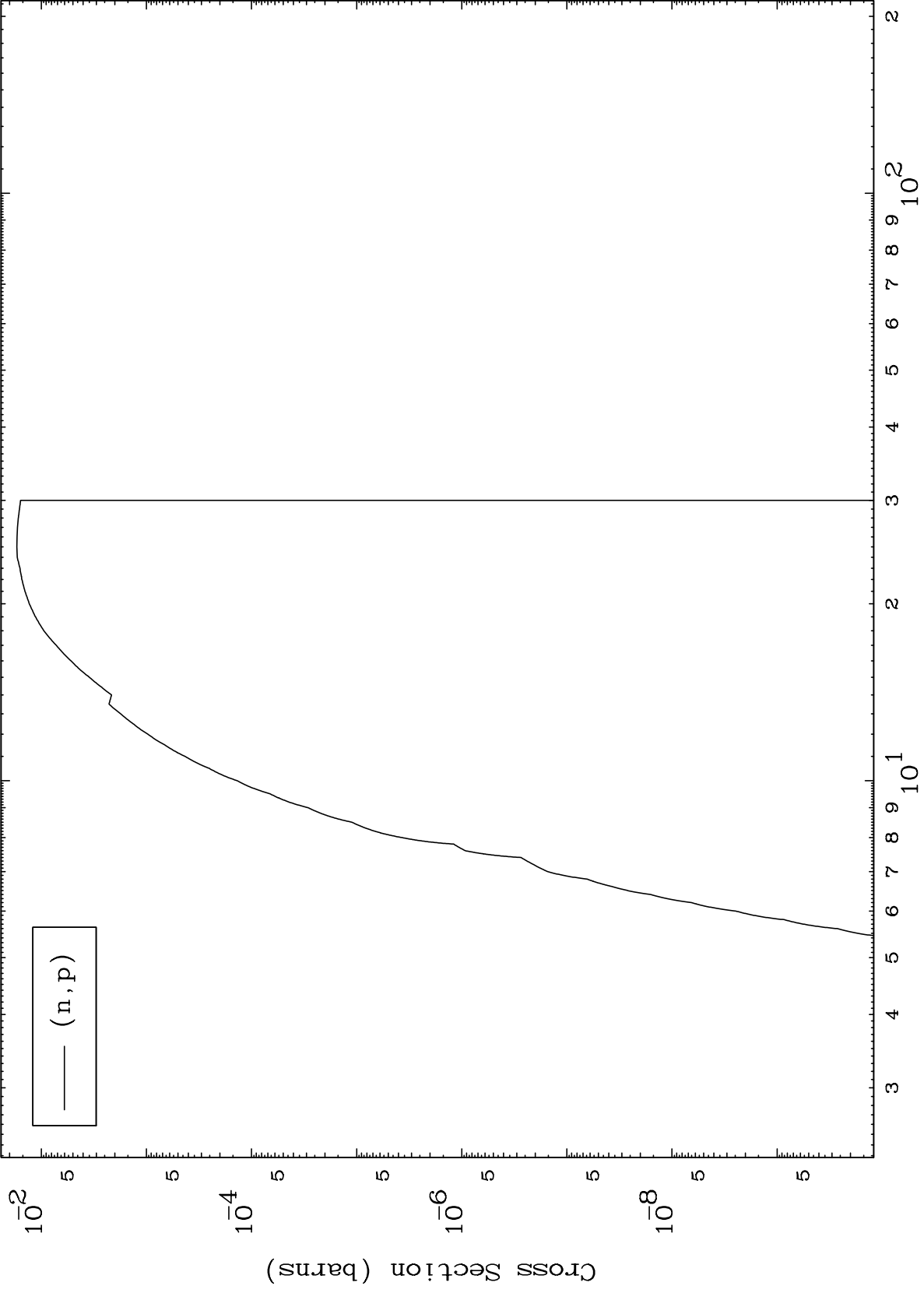
68-Er-171



MAT 6852

(n,p) Levels  
293 Kelvin Cross Sections

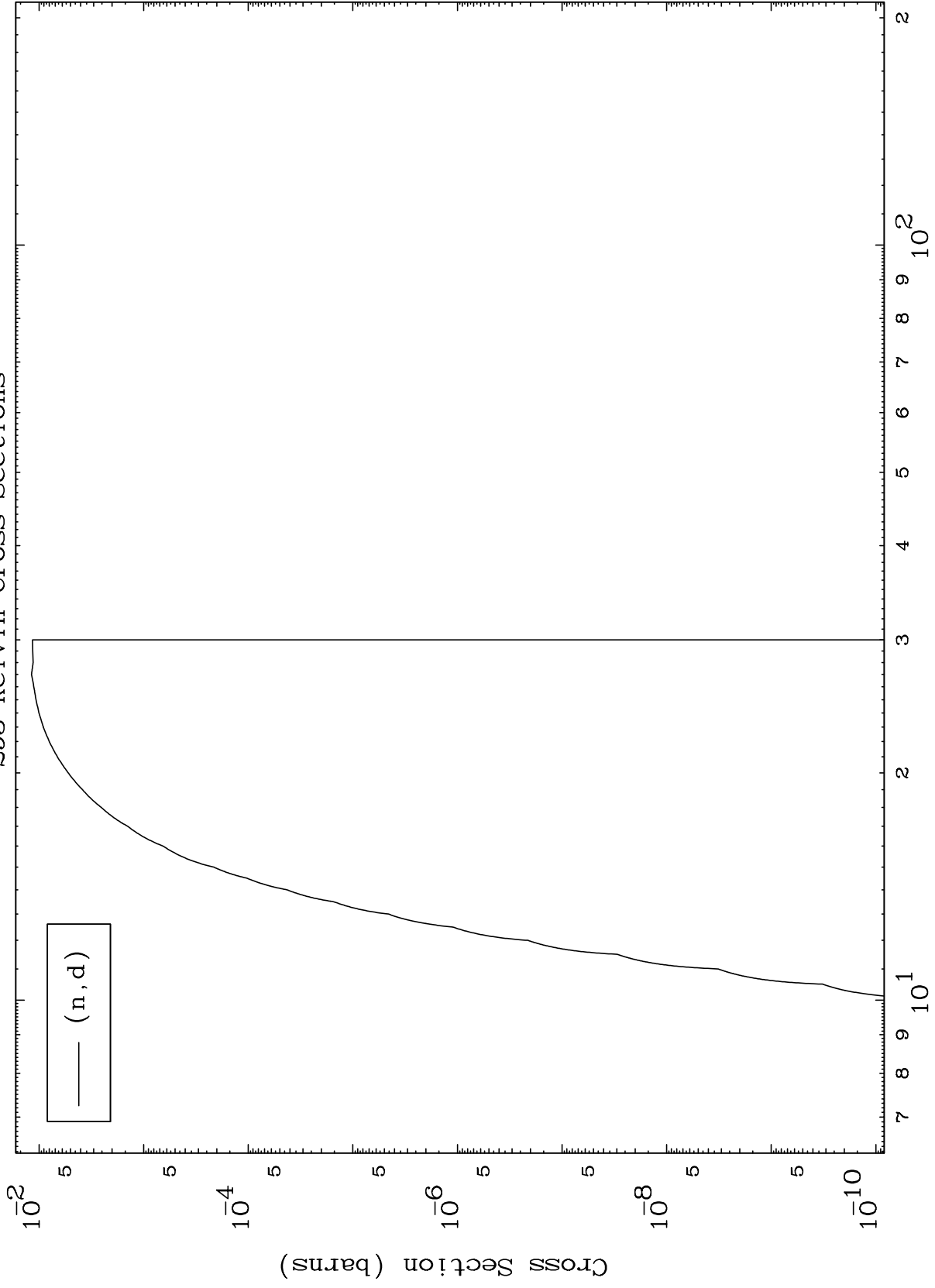
68-Er-171



MAT 6852

(n,d) Levels  
293 Kelvin Cross Sections

68-Er-171



12

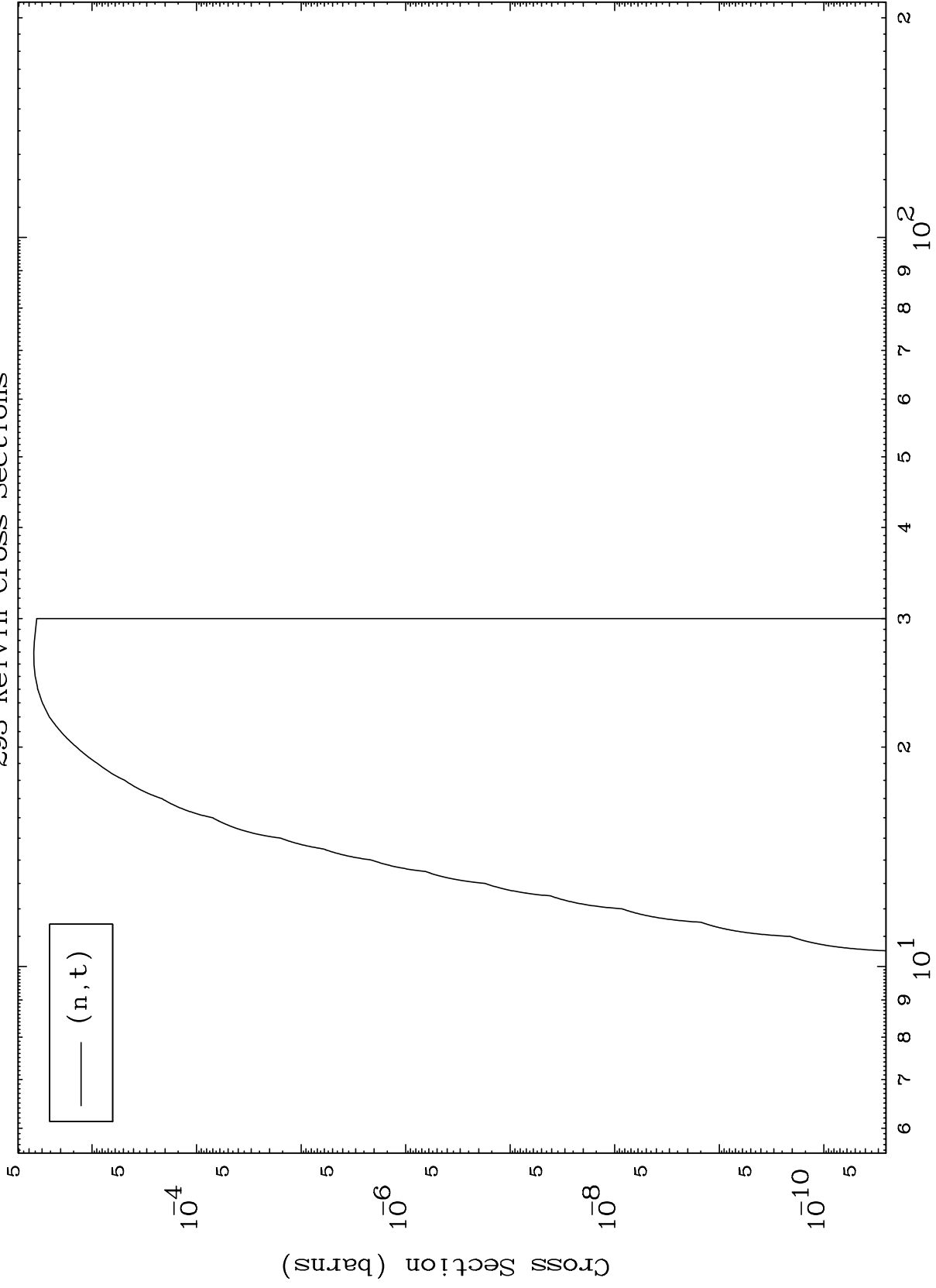
Incident Energy (MeV)

68-Er-171

MAT 6852

(n, t) Levels  
293 Kelvin Cross Sections

68-Er-171



13

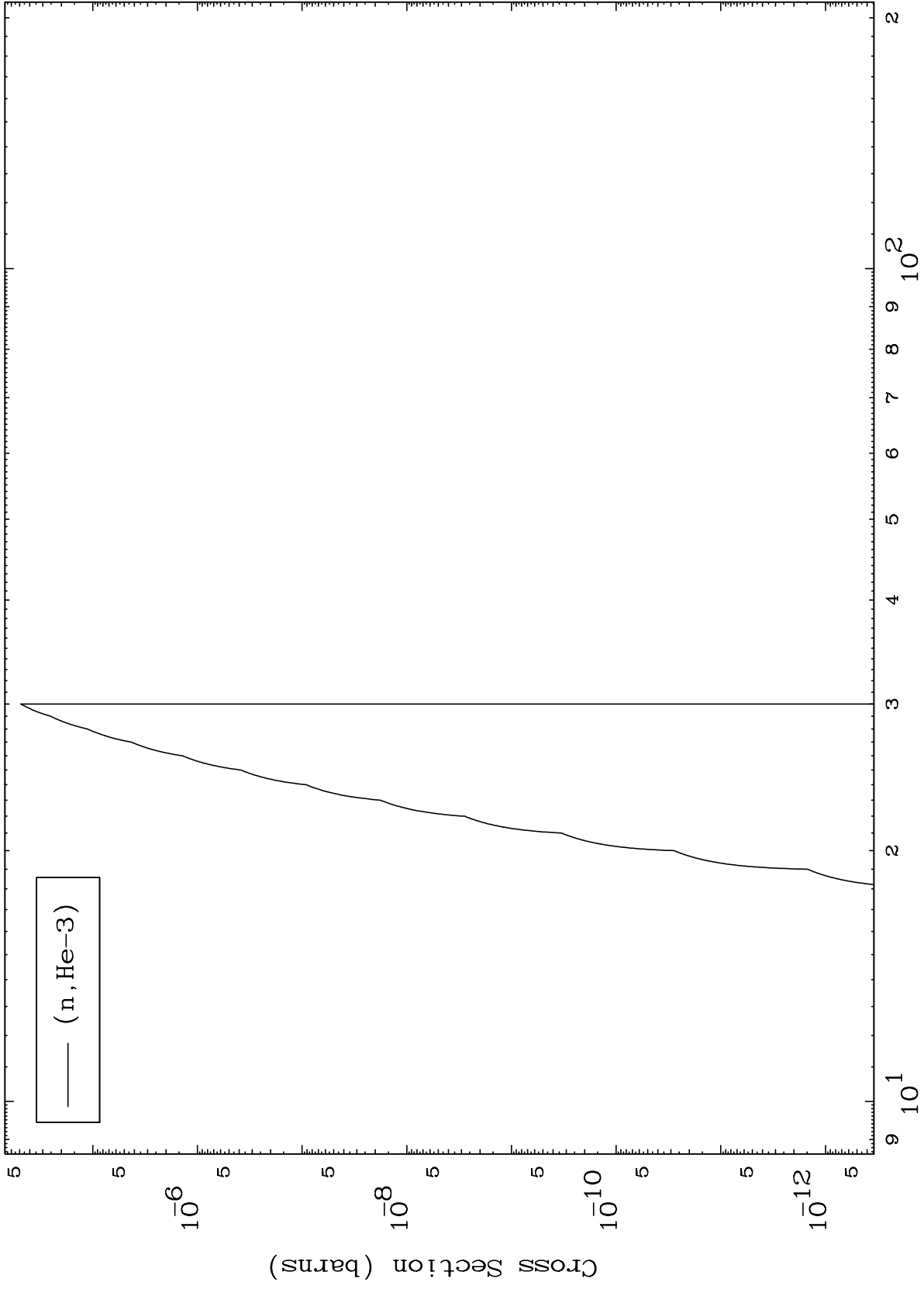
Incident Energy (MeV)

68-Er-171

MAT 6852

(n,He3) Levels  
293 Kelvin Cross Sections

68-Er-171



14

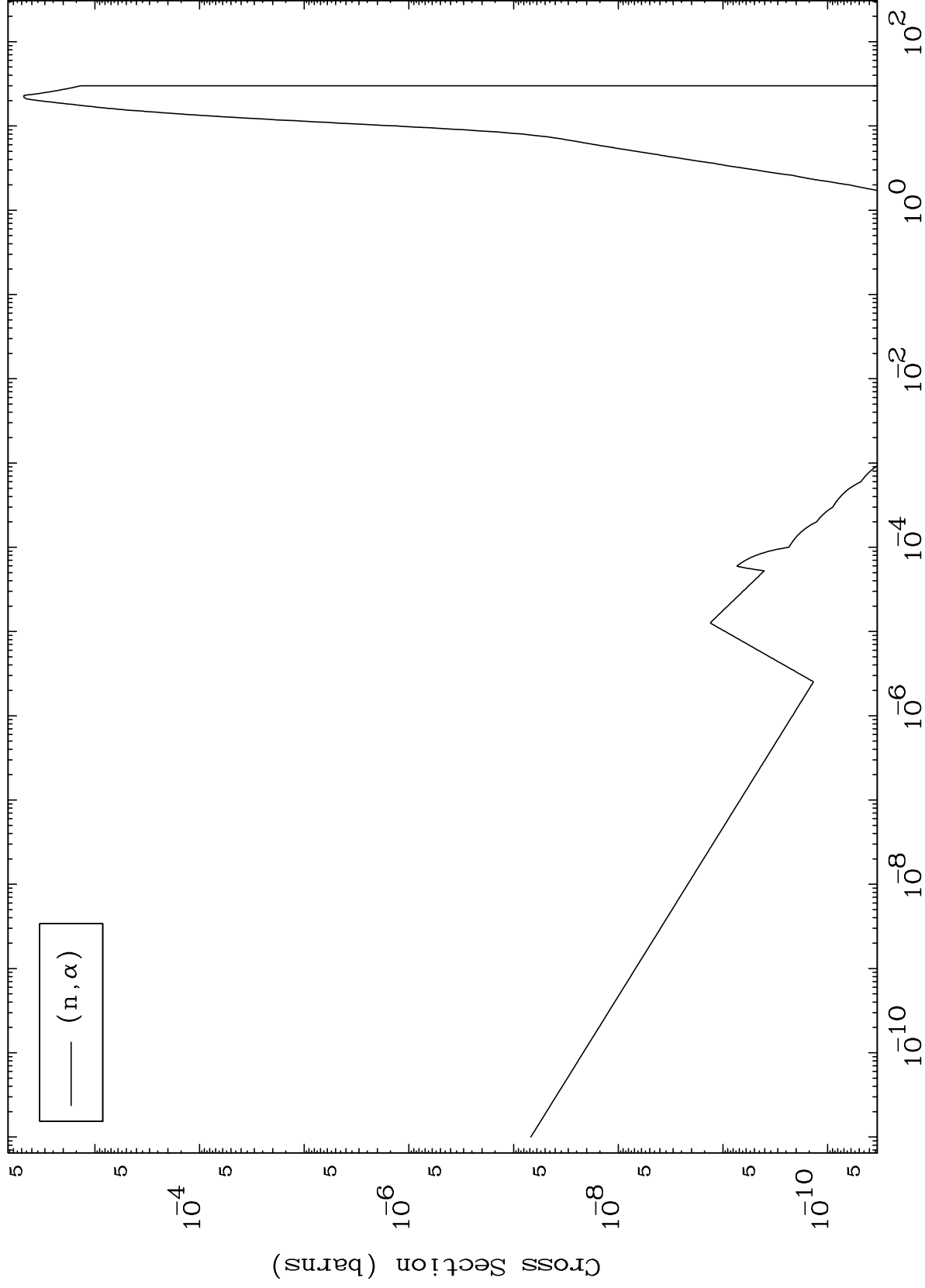
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



15

Incident Energy (MeV)

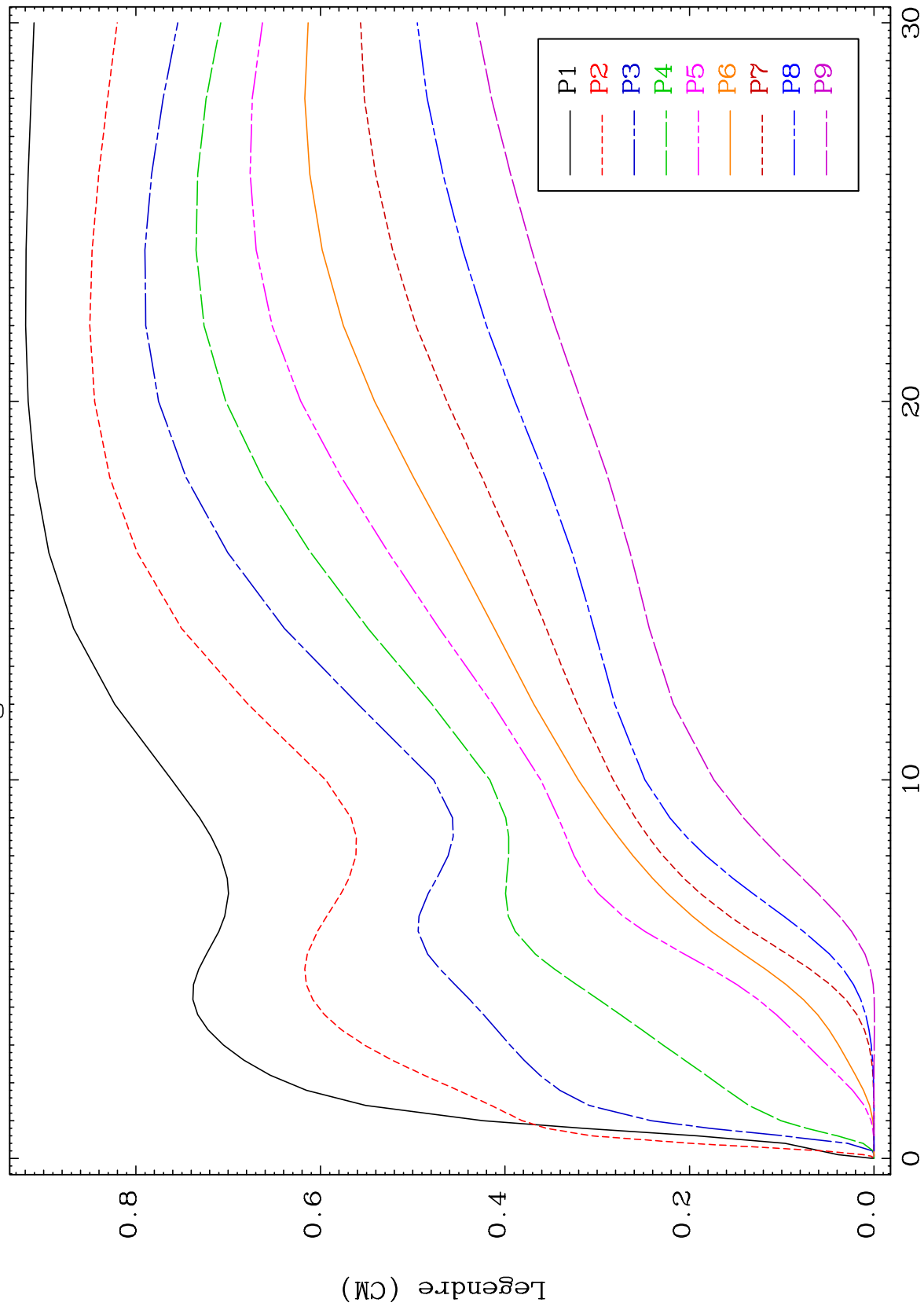
68-Er-171



MAT 6852

Elastic Legendre Coefficients

68-Er-171



16

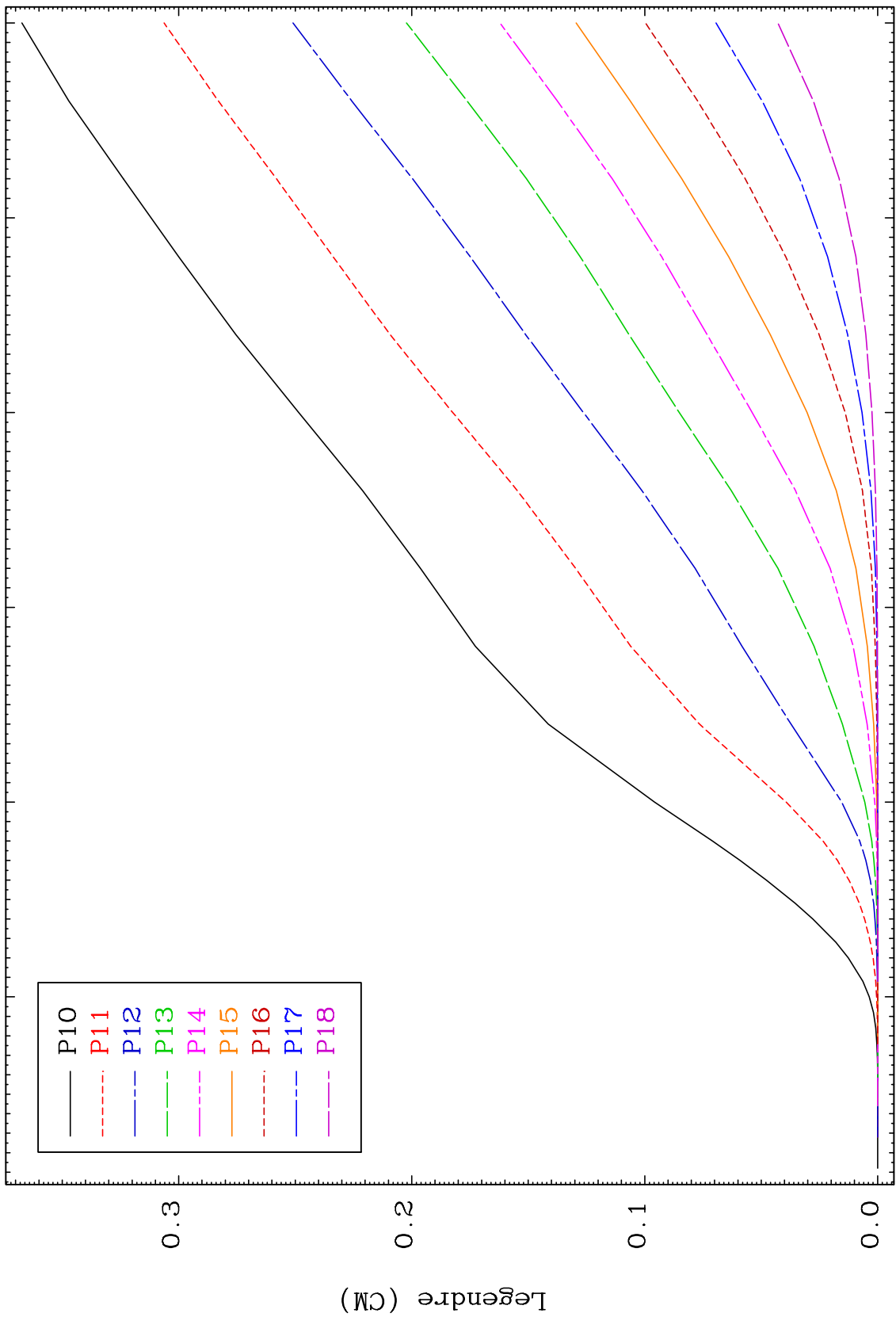
Incident Energy (MeV)

68-Er-171

MAT 6852

Elastic Legendre Coefficients

68-Er-171



17

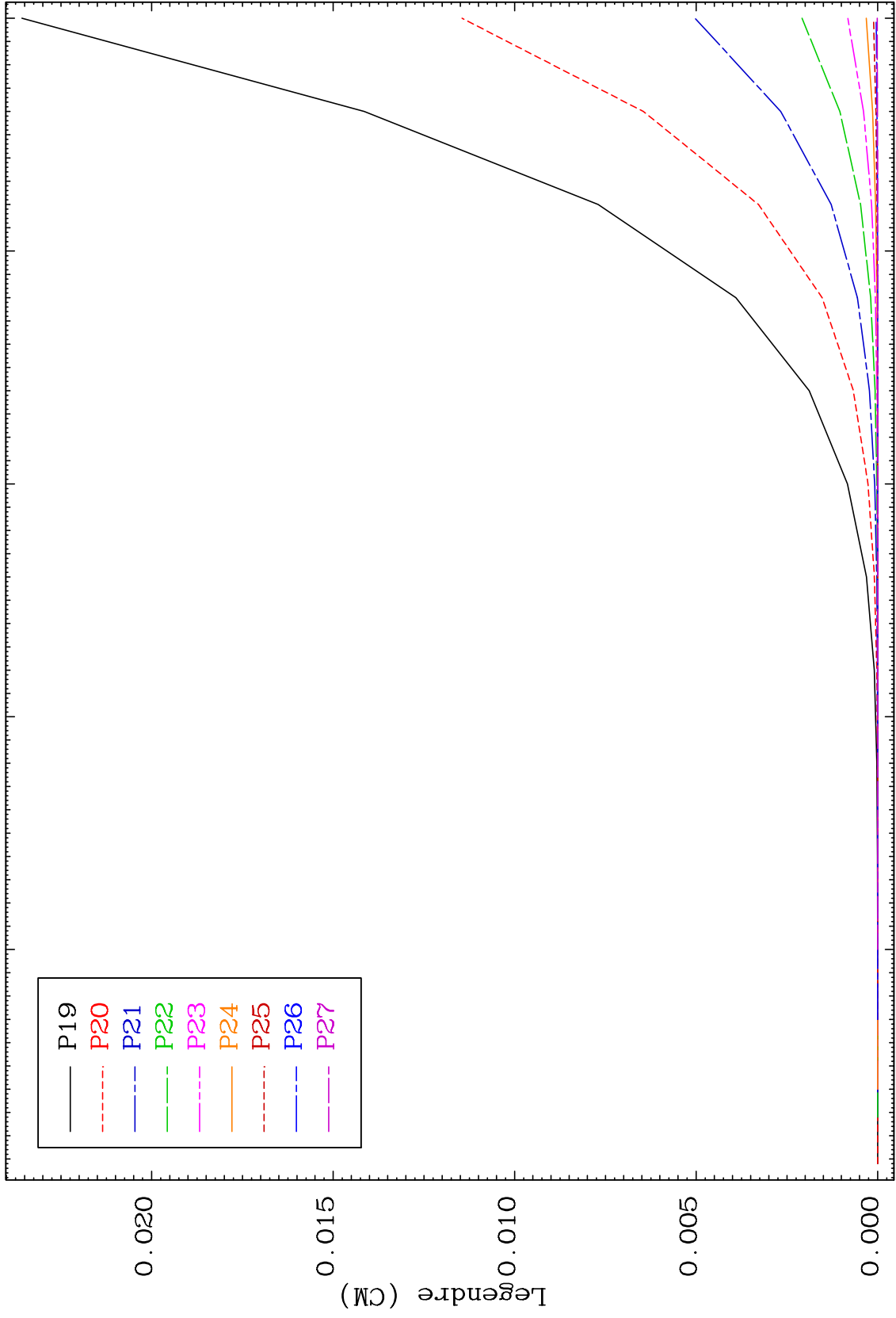
Incident Energy (MeV)

68-Er-171

MAT 6852

### Elastic Legendre Coefficients

68-Er-171



18

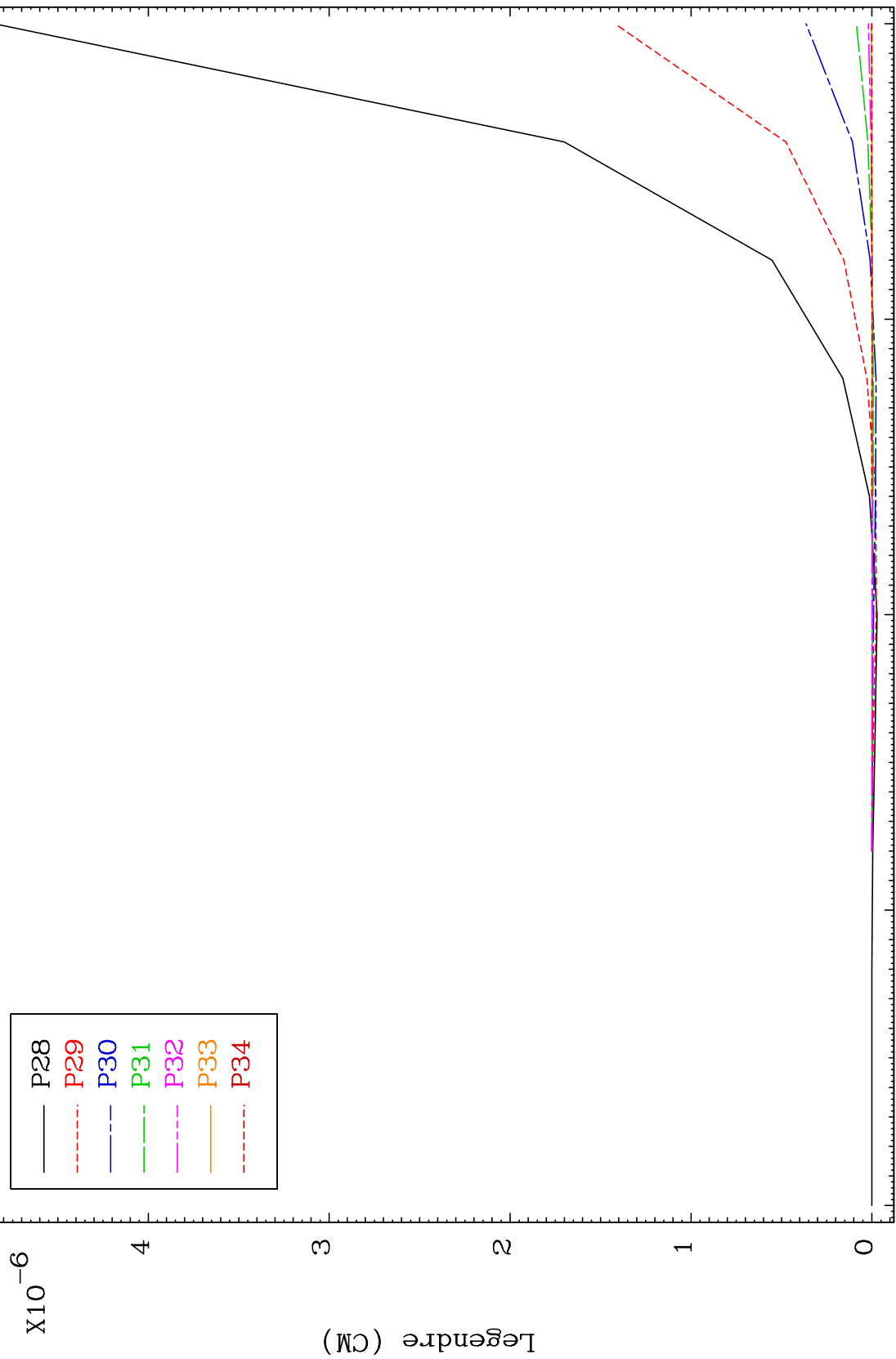
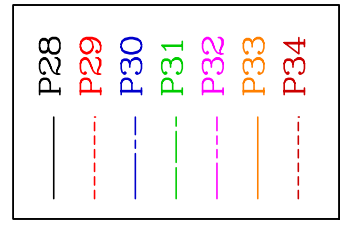
Incident Energy (MeV)

68-Er-171

MAT 6852

Elastic Legendre Coefficients

68-Er-171



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Incident Energy (MeV)

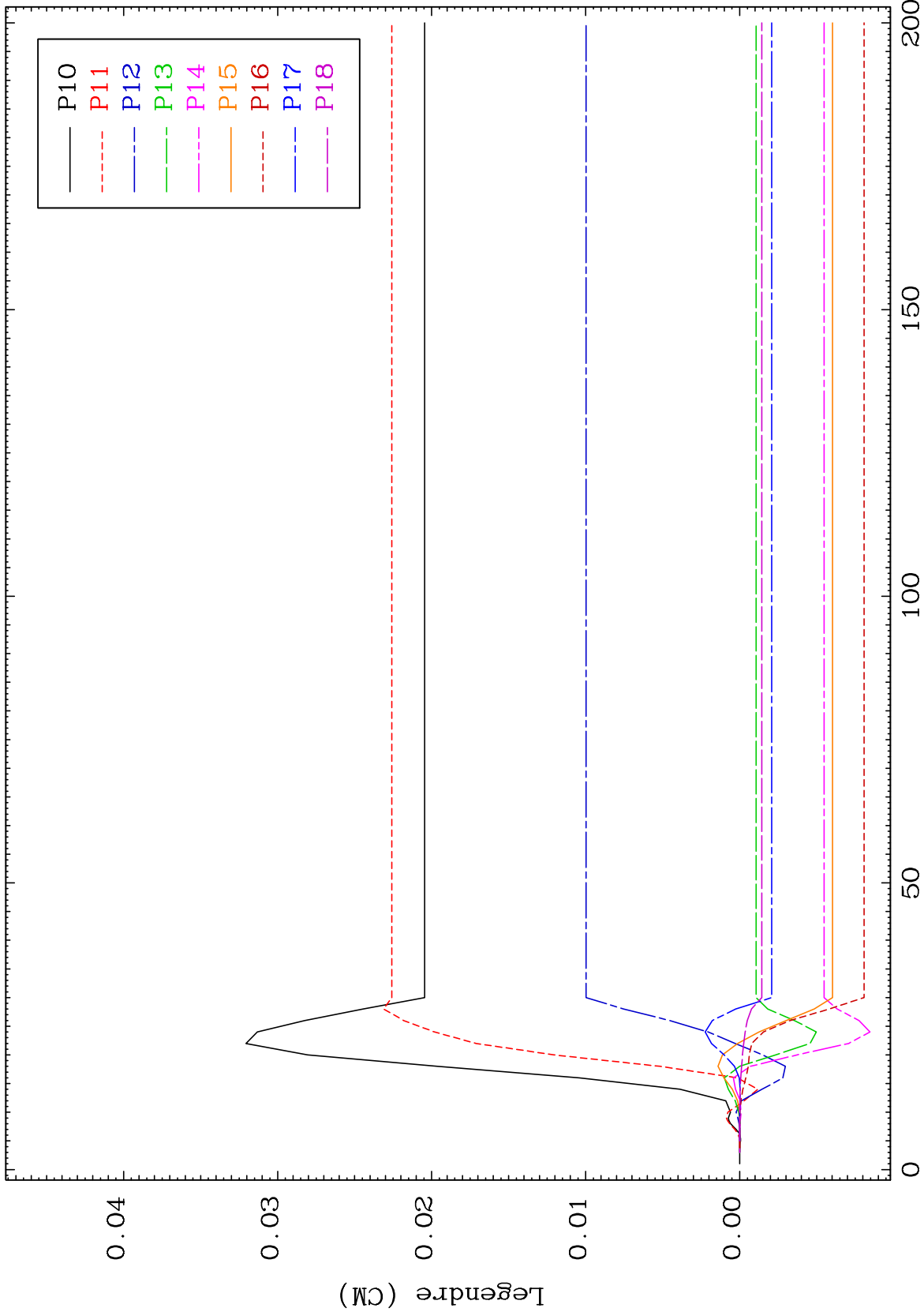
68-Er-171



MAT 6852

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

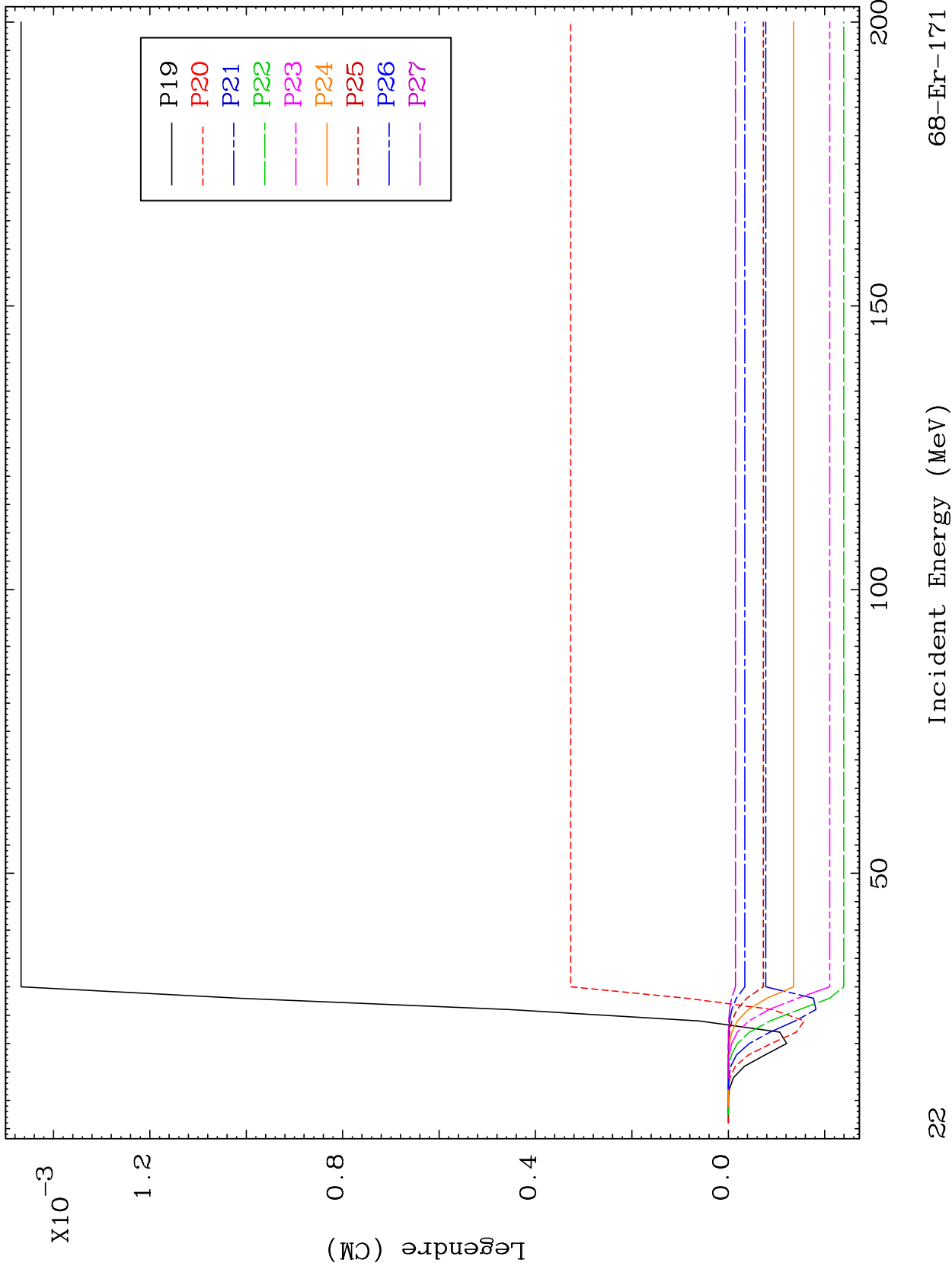
68-Er-171

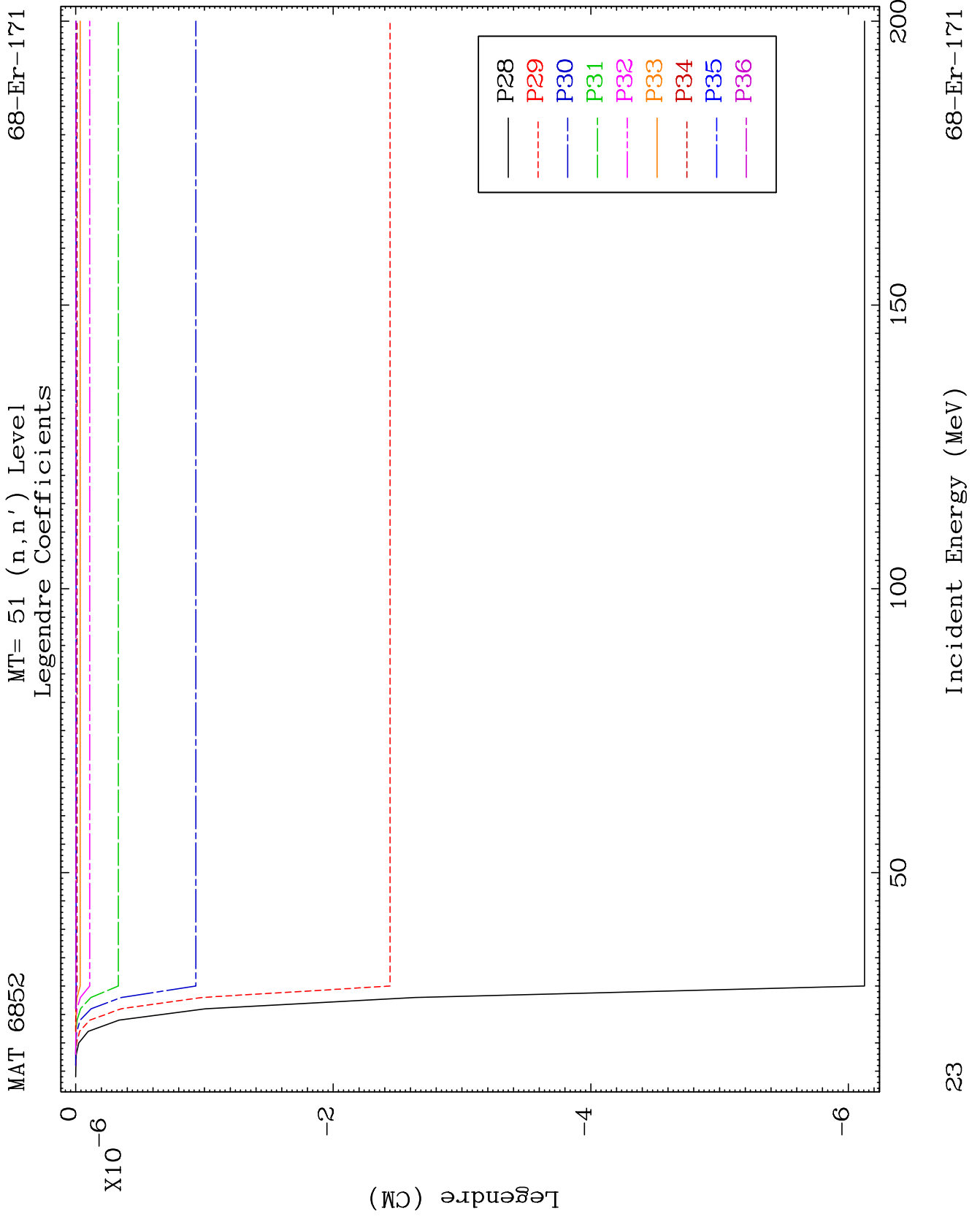


21

Incident Energy (MeV)

68-Er-171



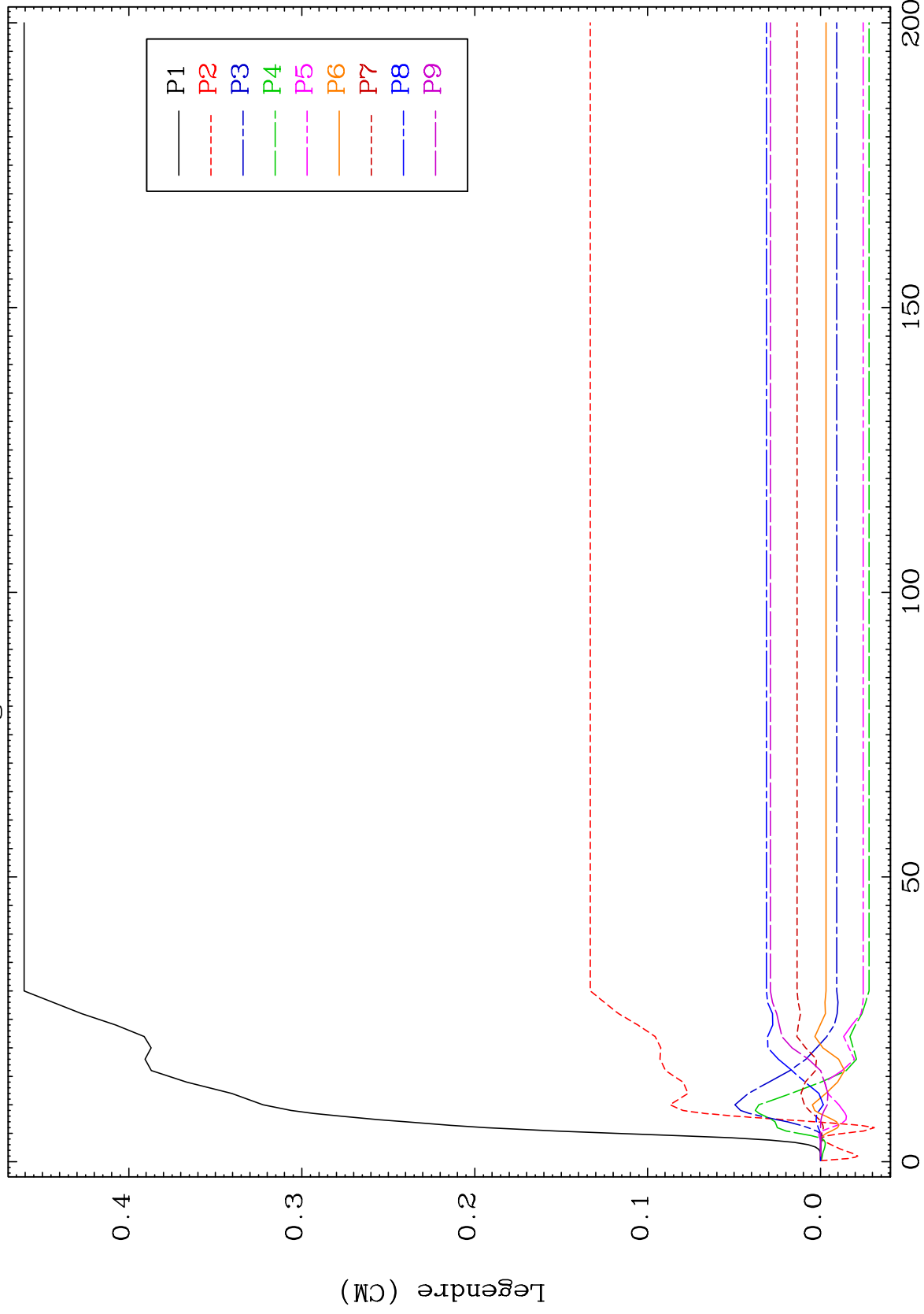




MAT 6852

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

68-Er-171



24

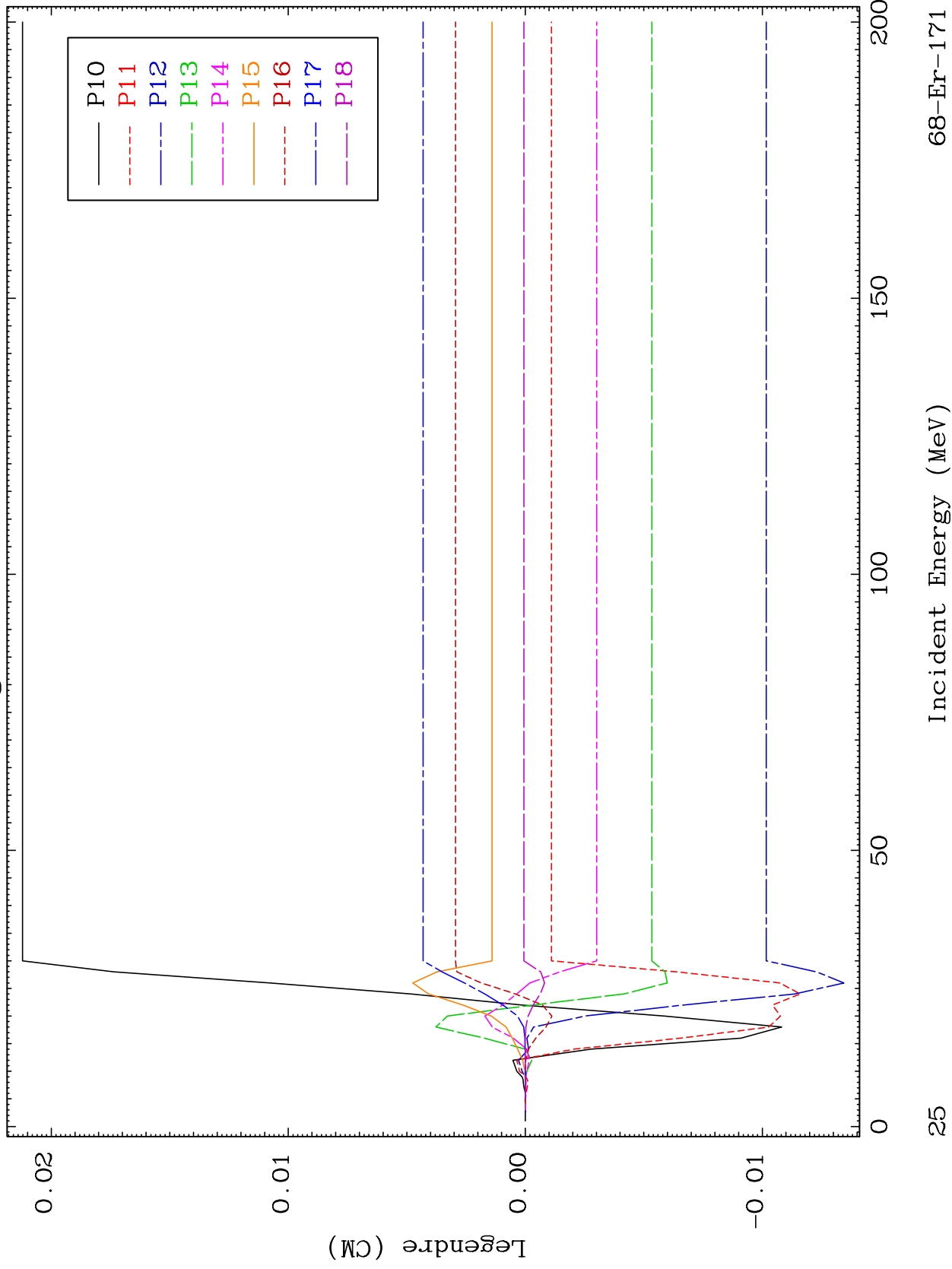
Incident Energy (MeV)

68-Er-171

MAT 6852

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

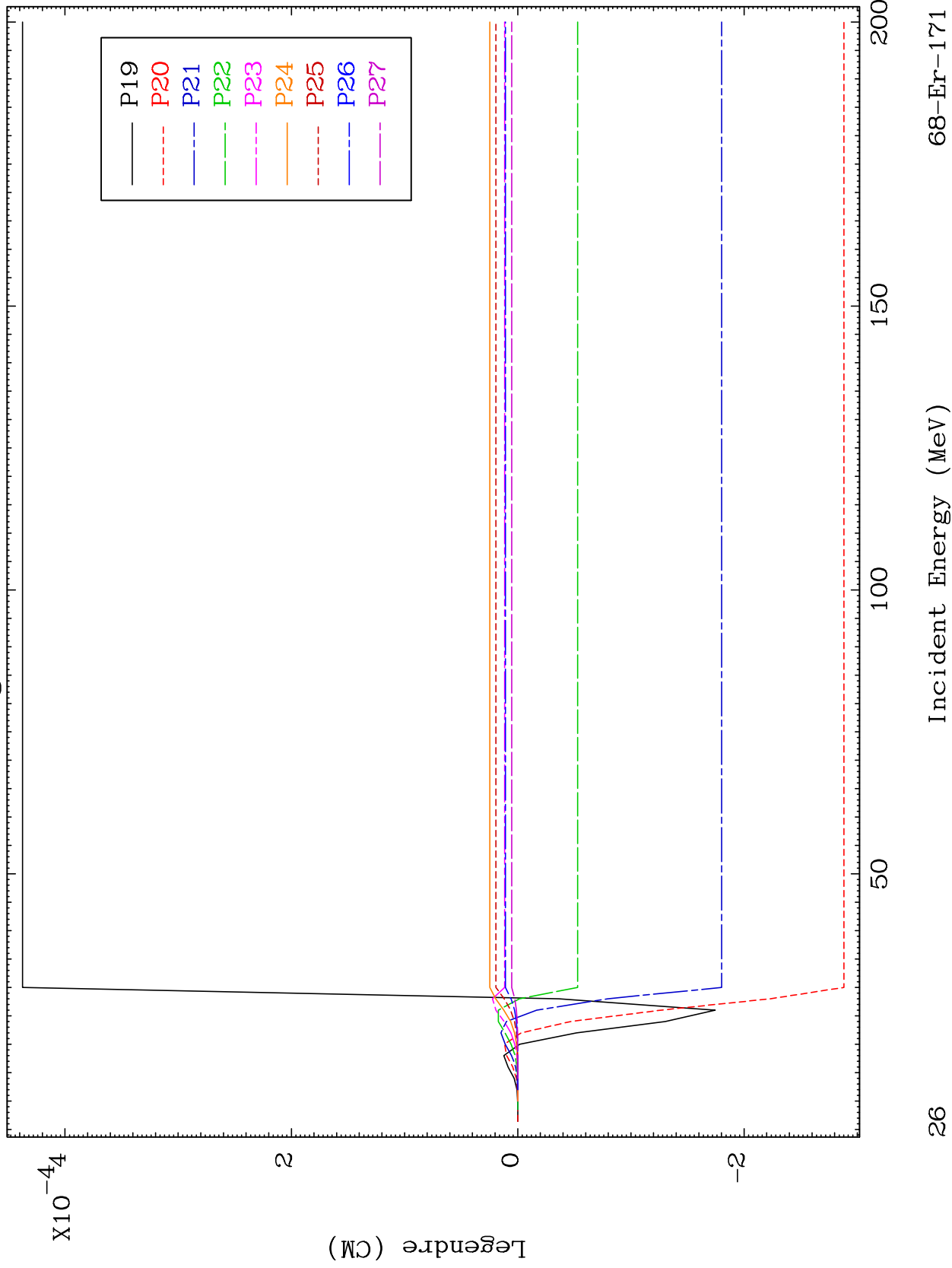
68-Er-171

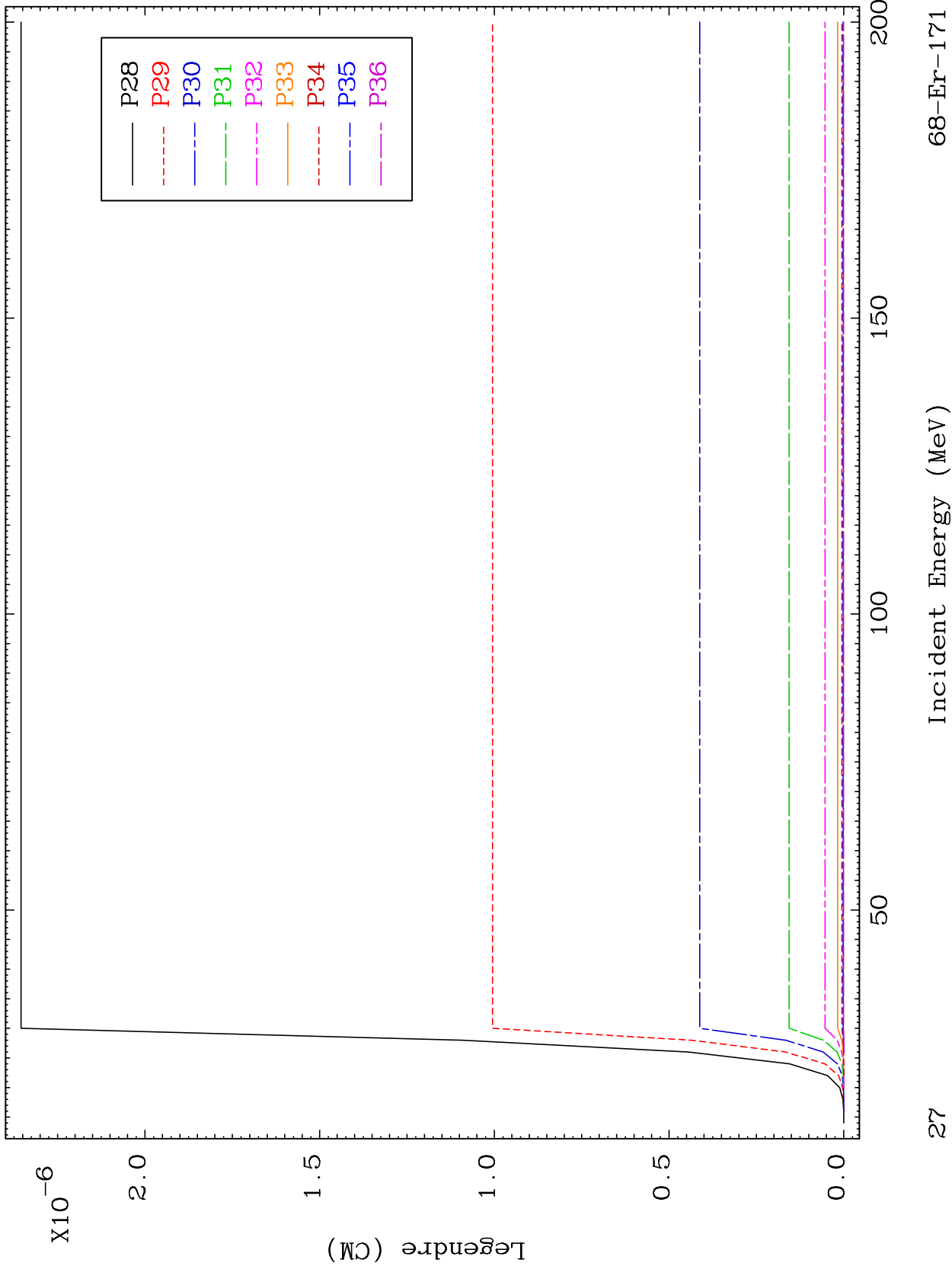


68-Er-171

Incident Energy (MeV)

25

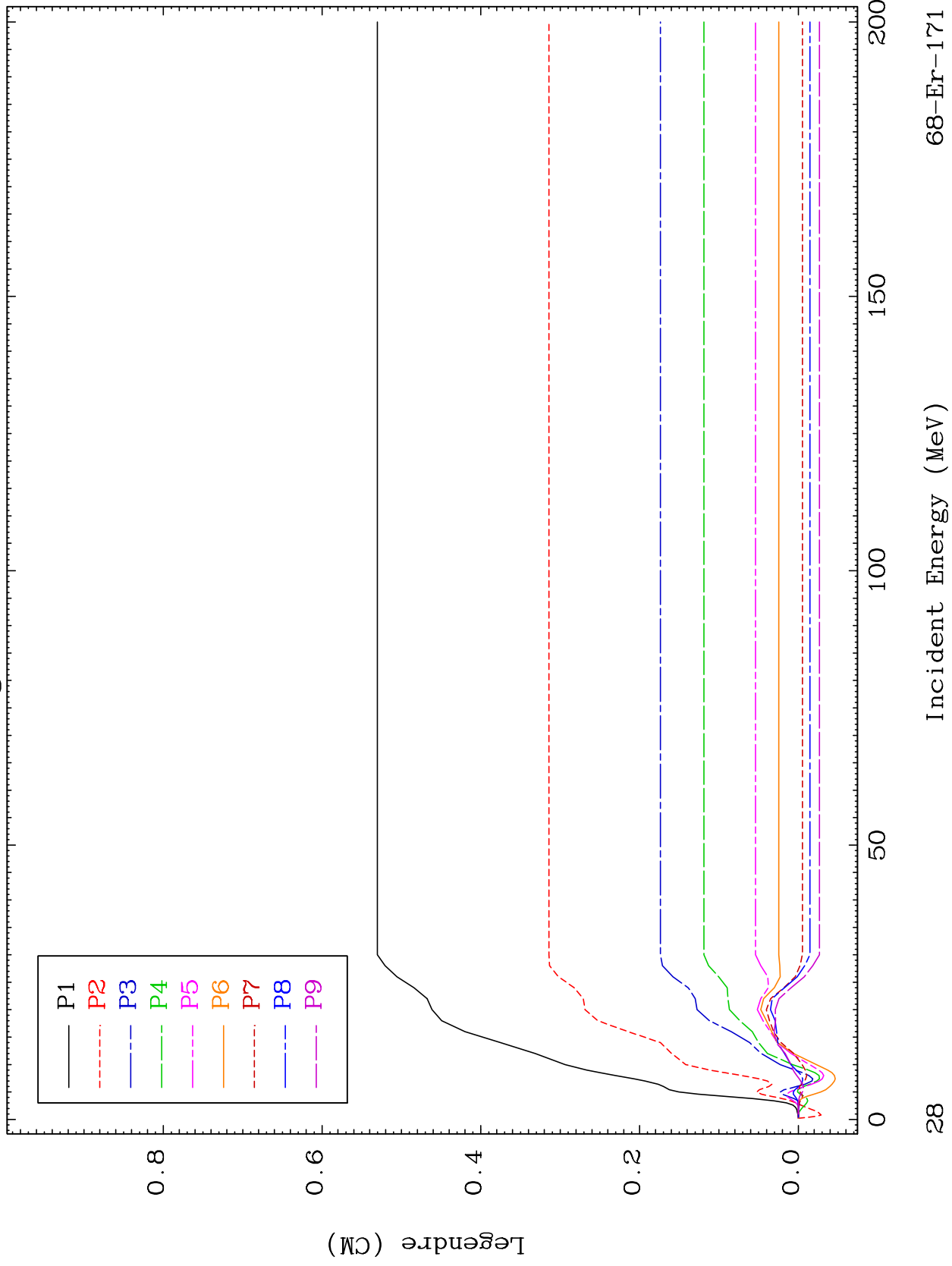




MAT 6852

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

68-Er-171



68-Er-171

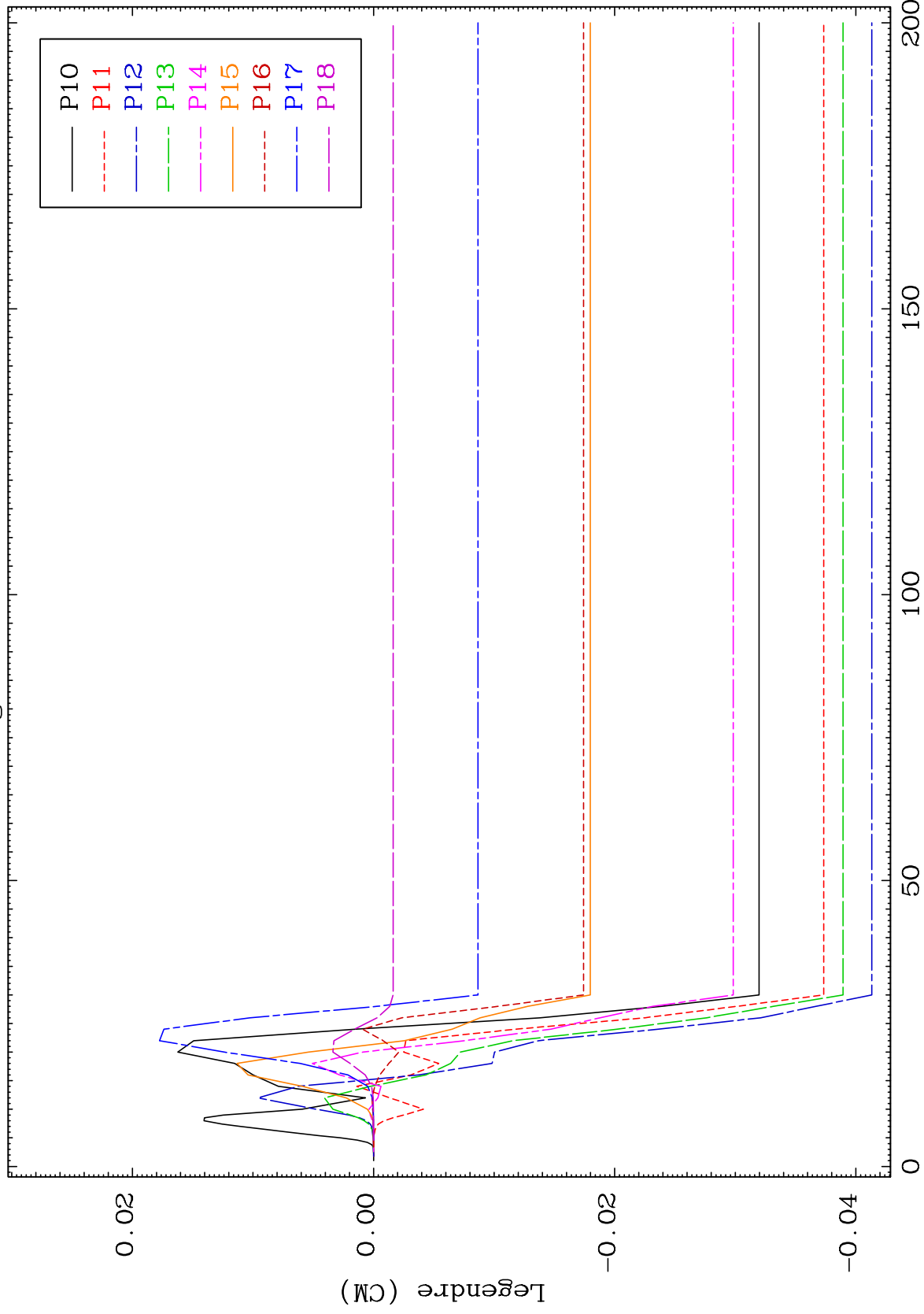
Incident Energy (MeV)

28

MAT 6852

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

68-Er-171



29

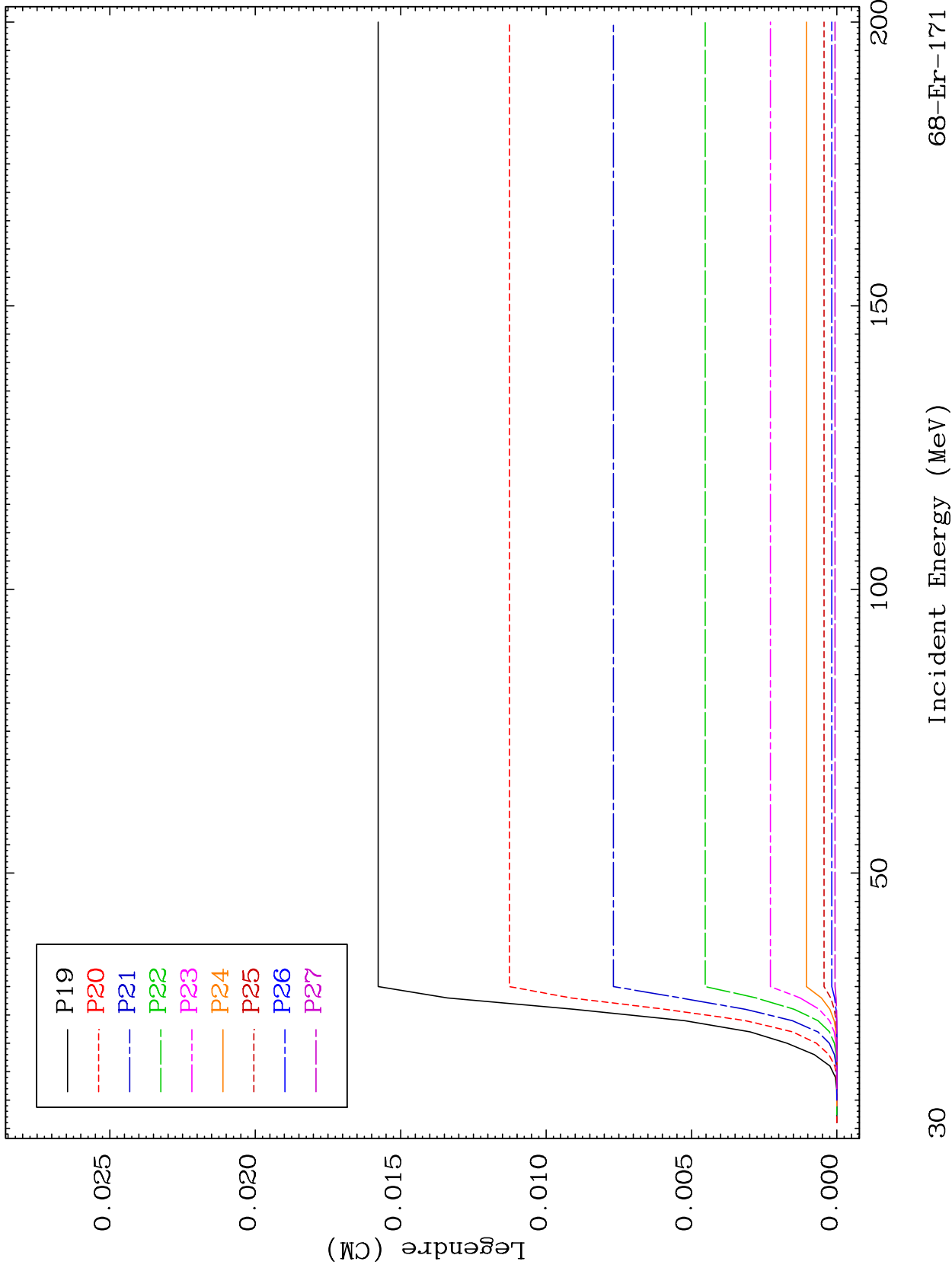
Incident Energy (MeV)

68-Er-171

MAT 6852

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

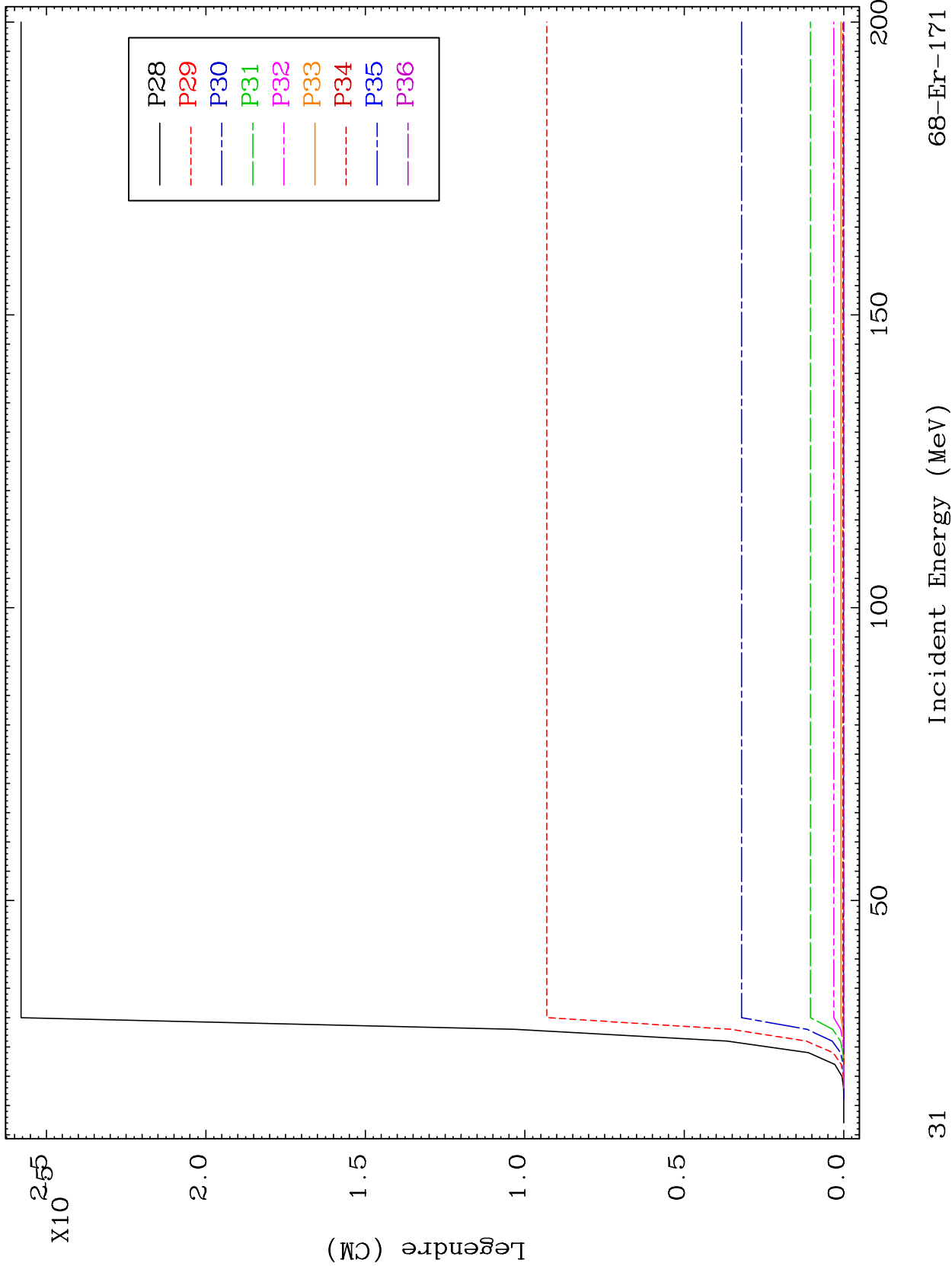
68-Er-171



30

Incident Energy (MeV)

68-Er-171

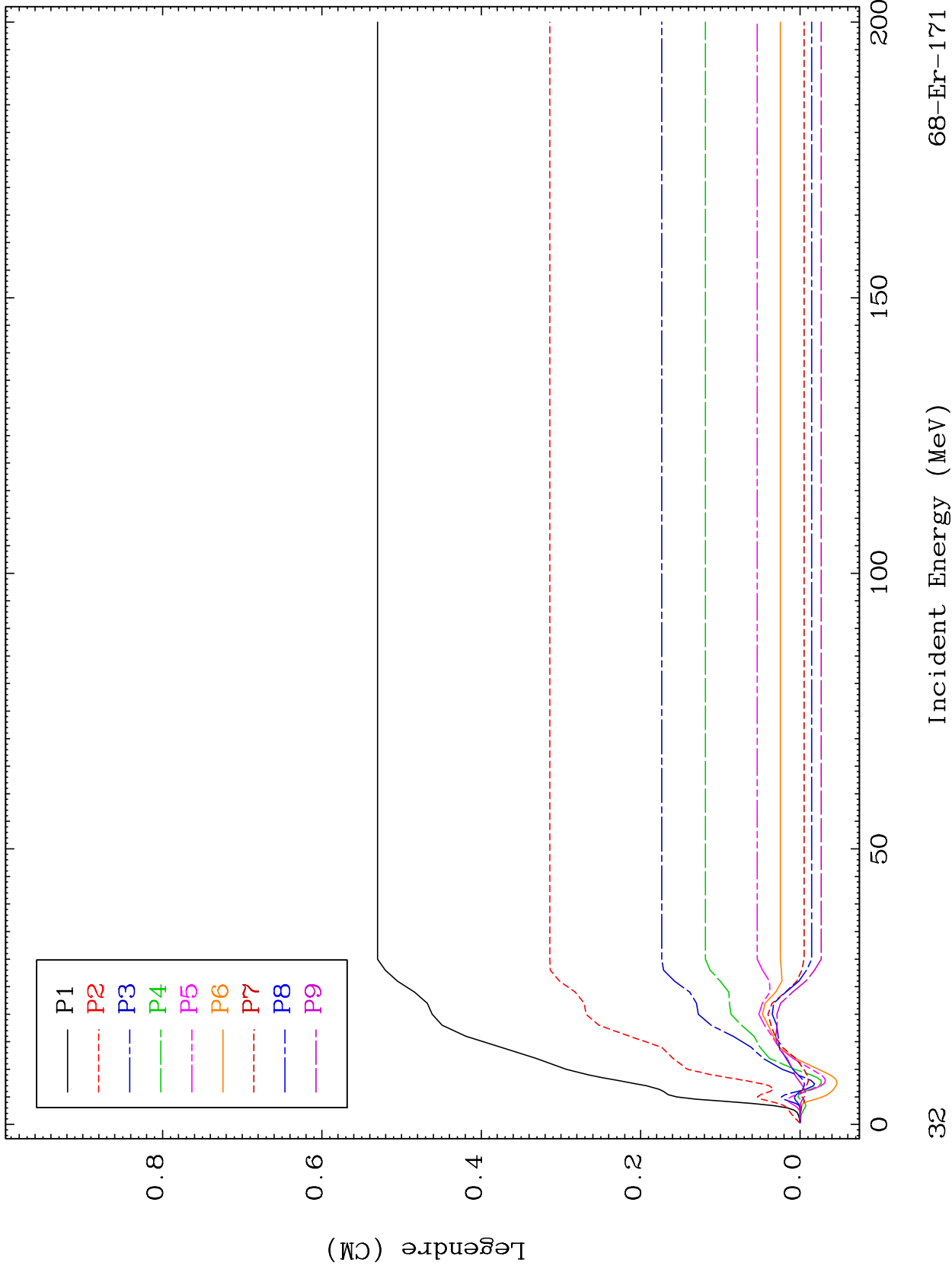




MAT 6852

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

68-Er-171

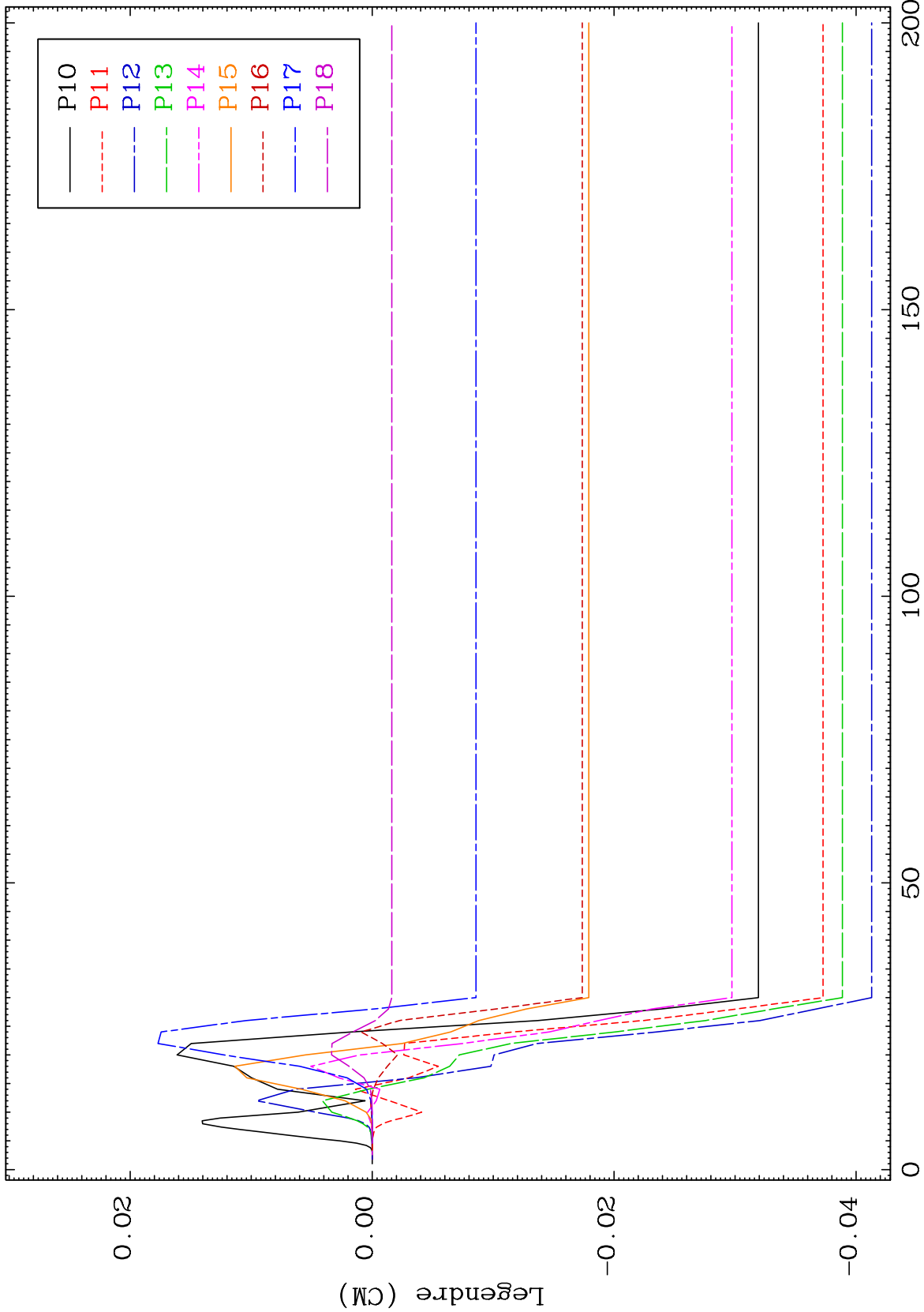


32

MAT 6852

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

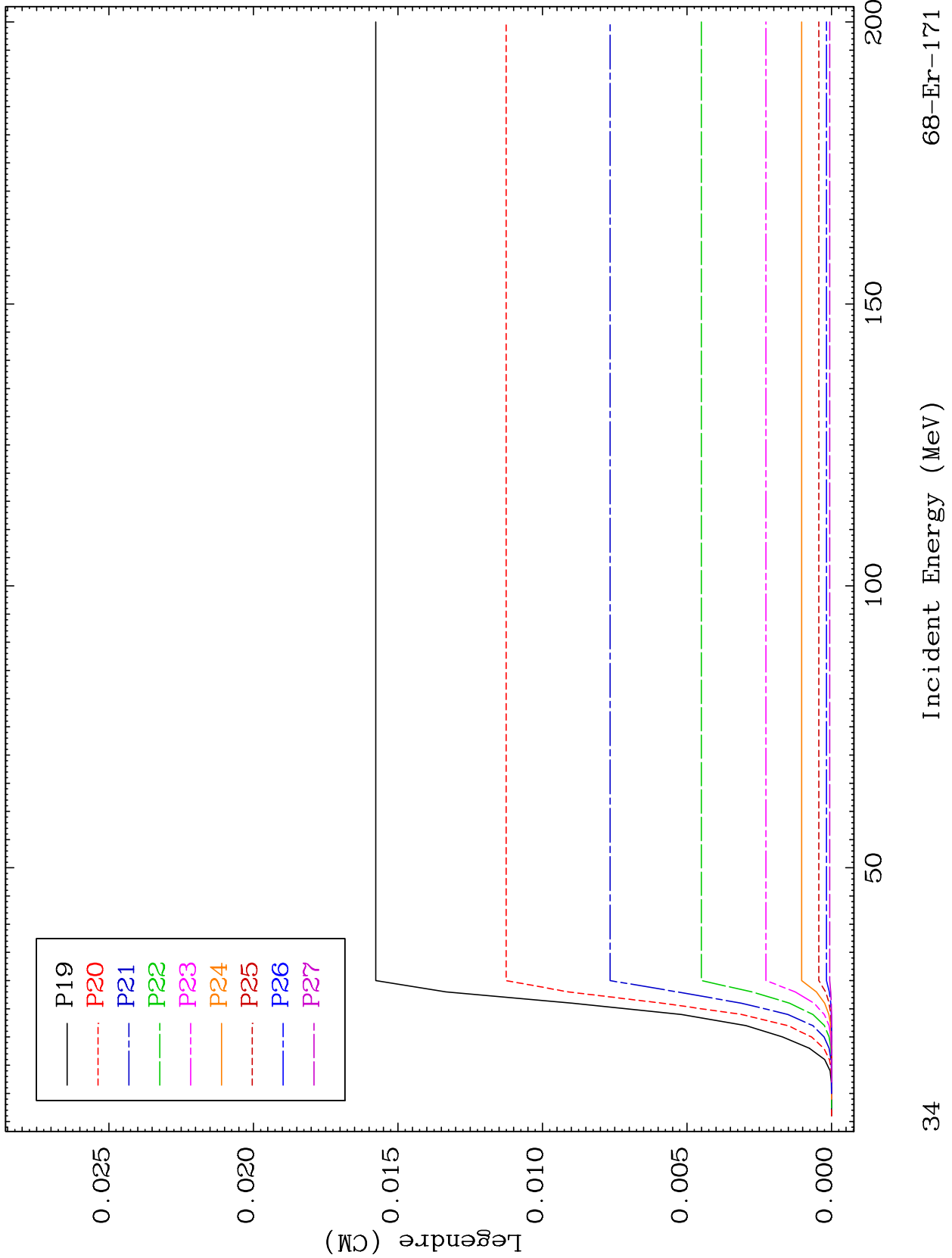
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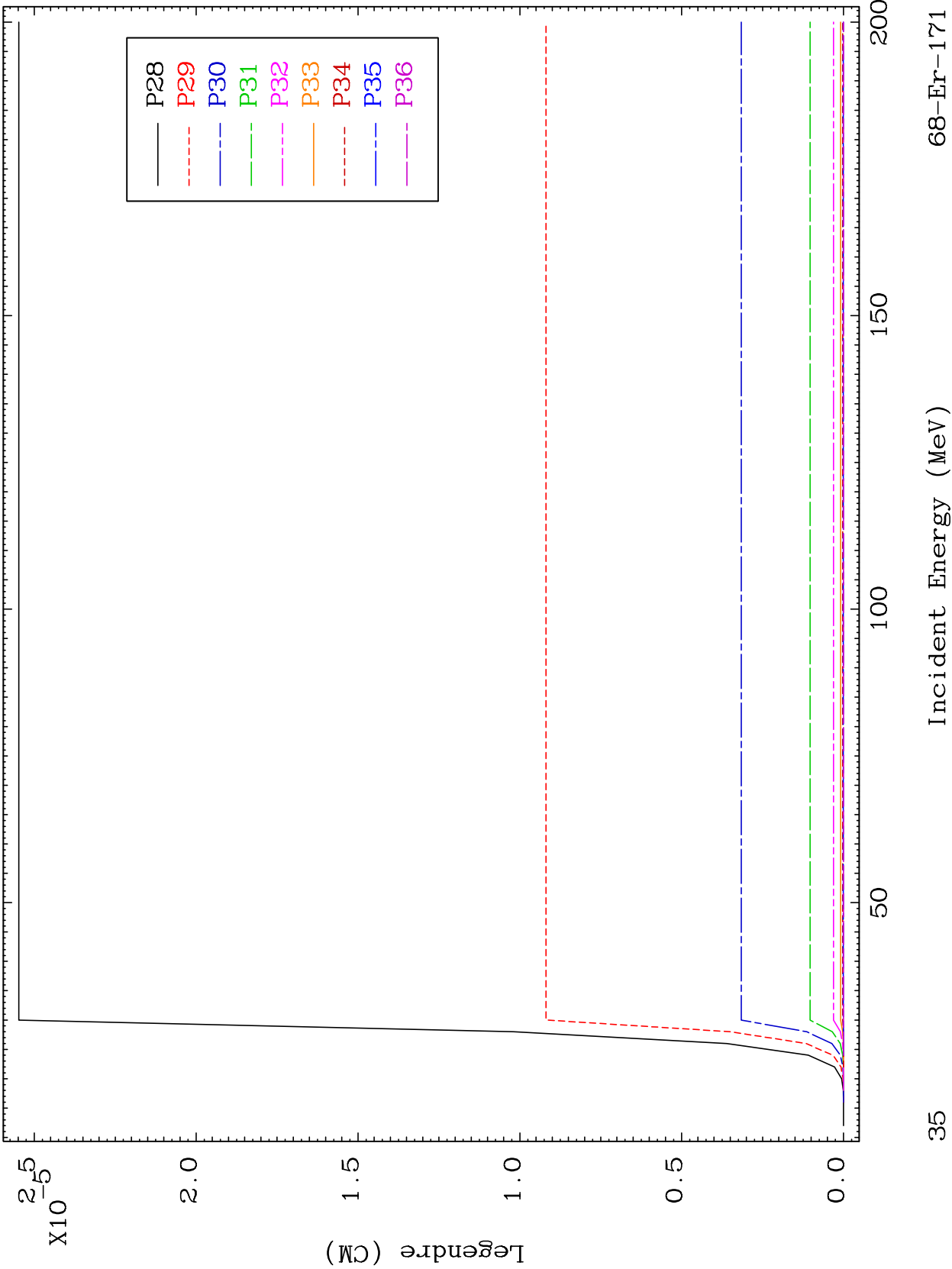


33

Incident Energy (MeV)

68-Er-171

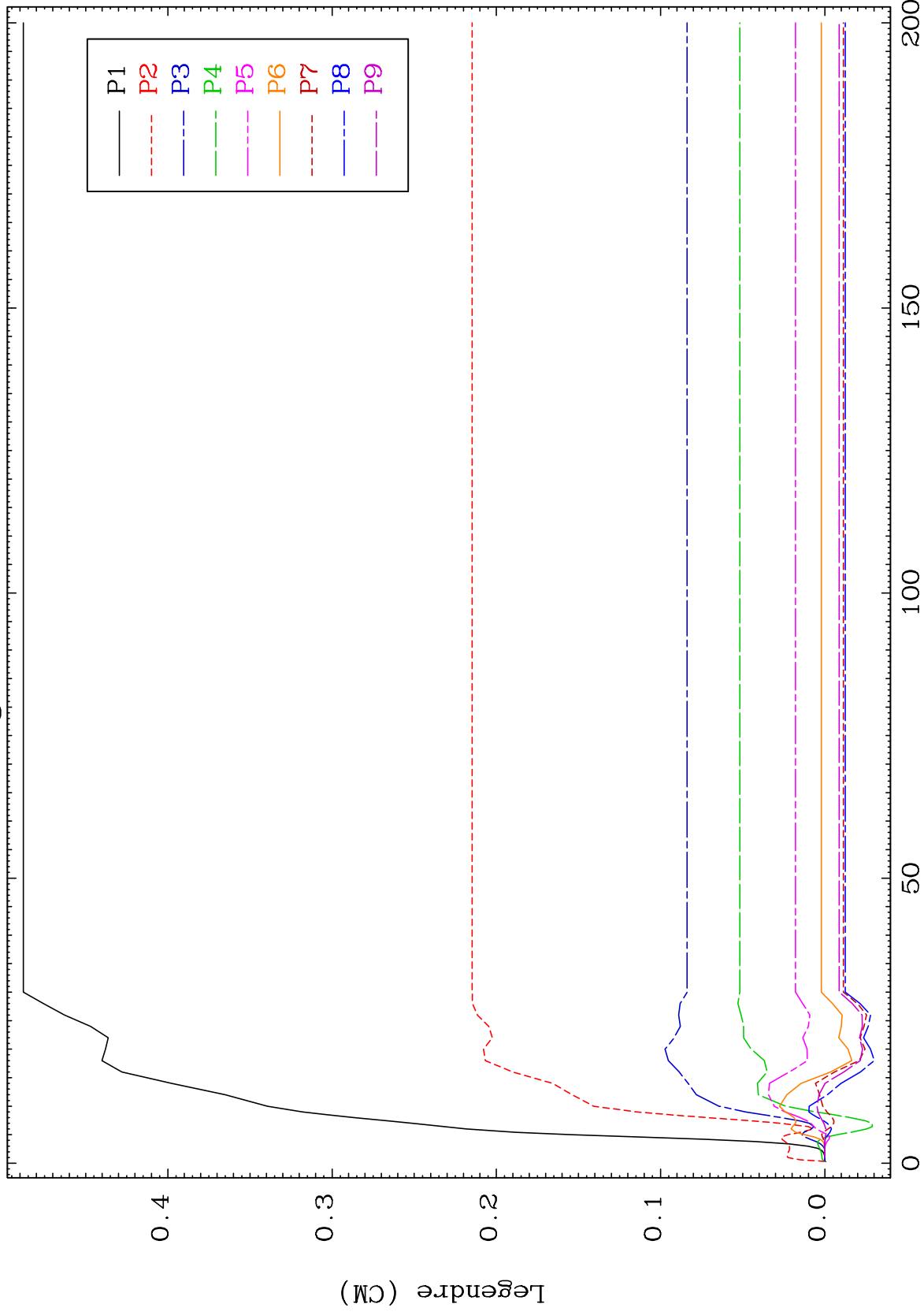




MAT 6852

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

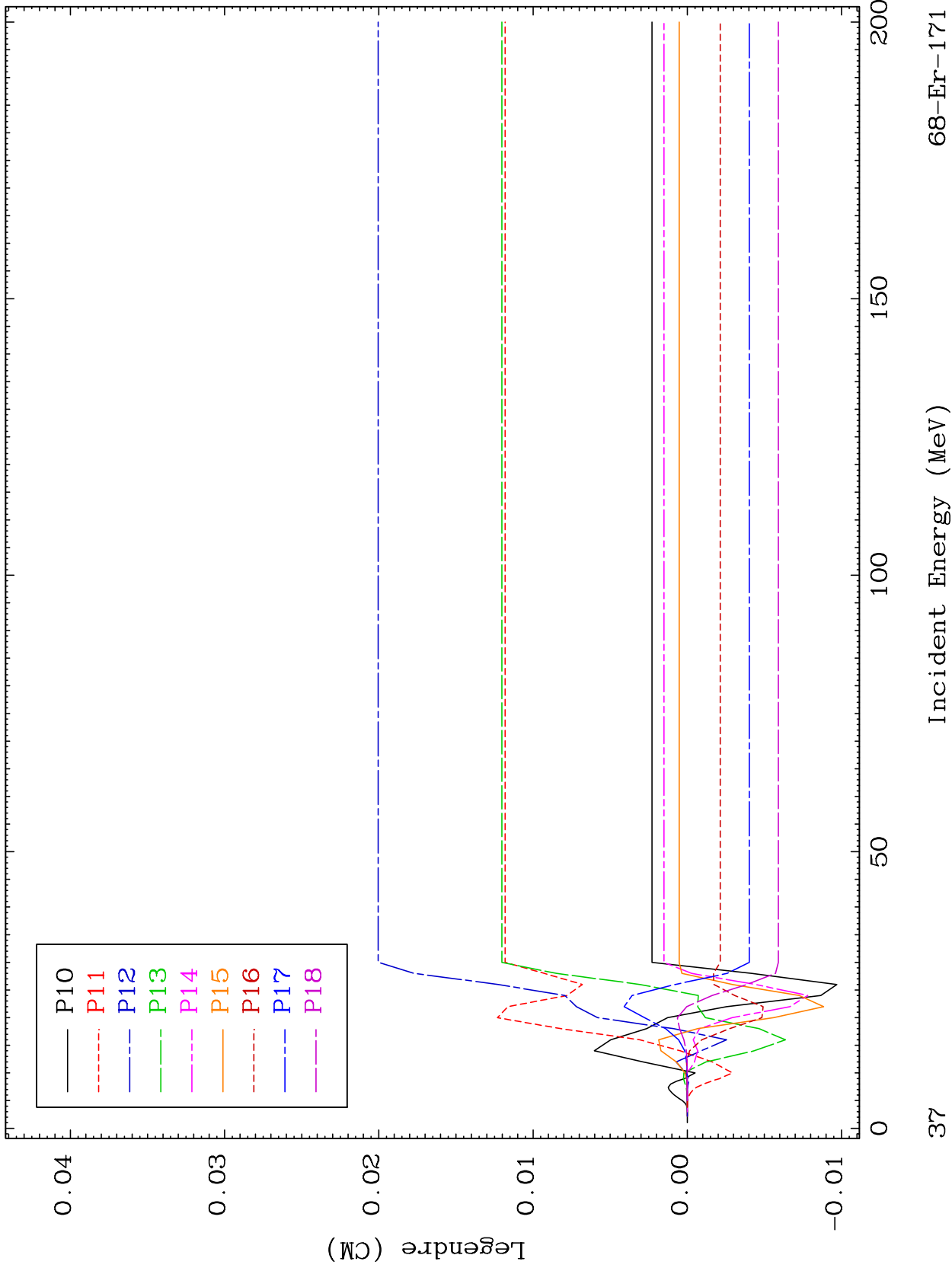
68-Er-171



36

Incident Energy (MeV)

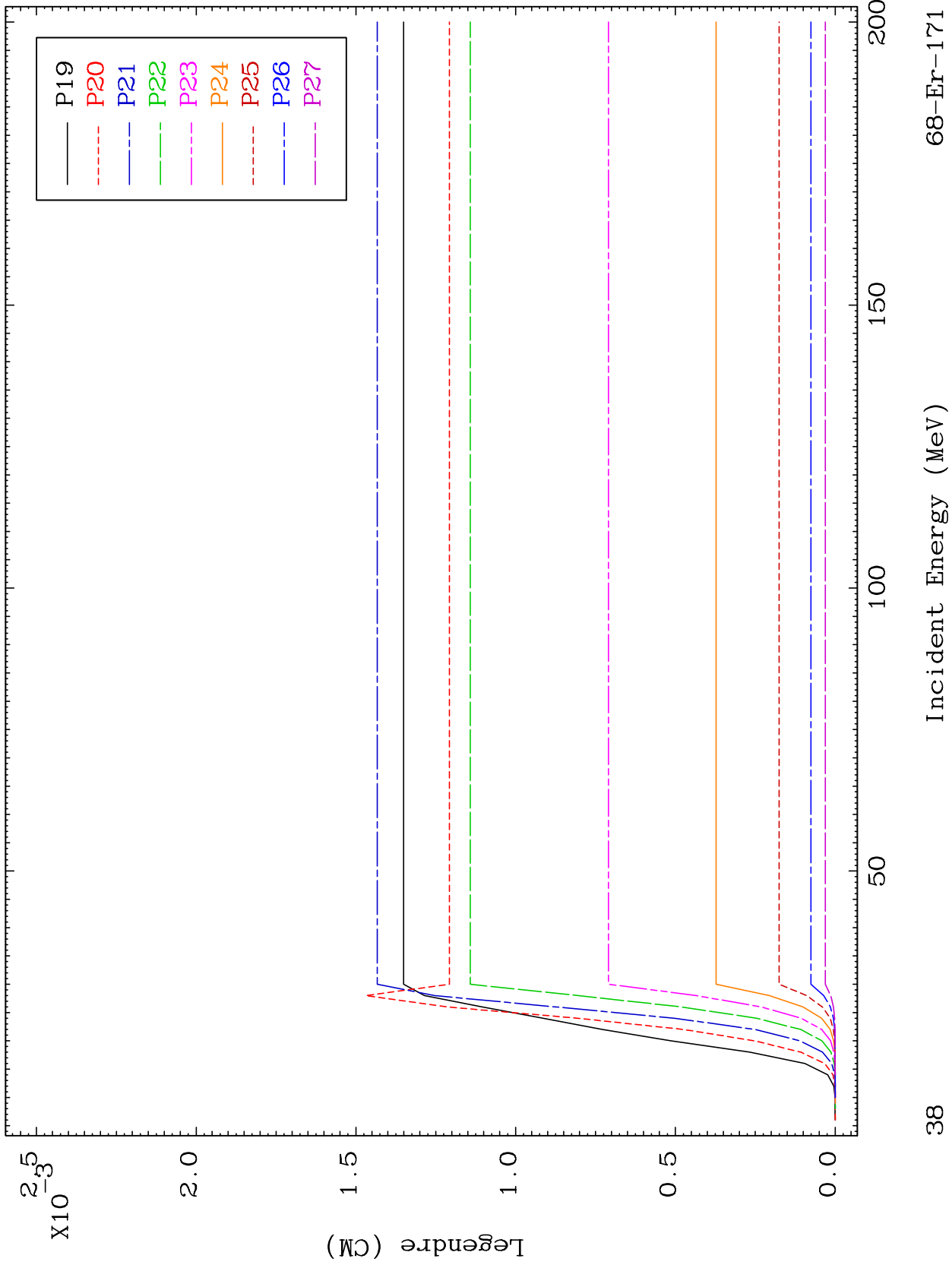
68-Er-171



MAT 6852

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

68-Er-171



38

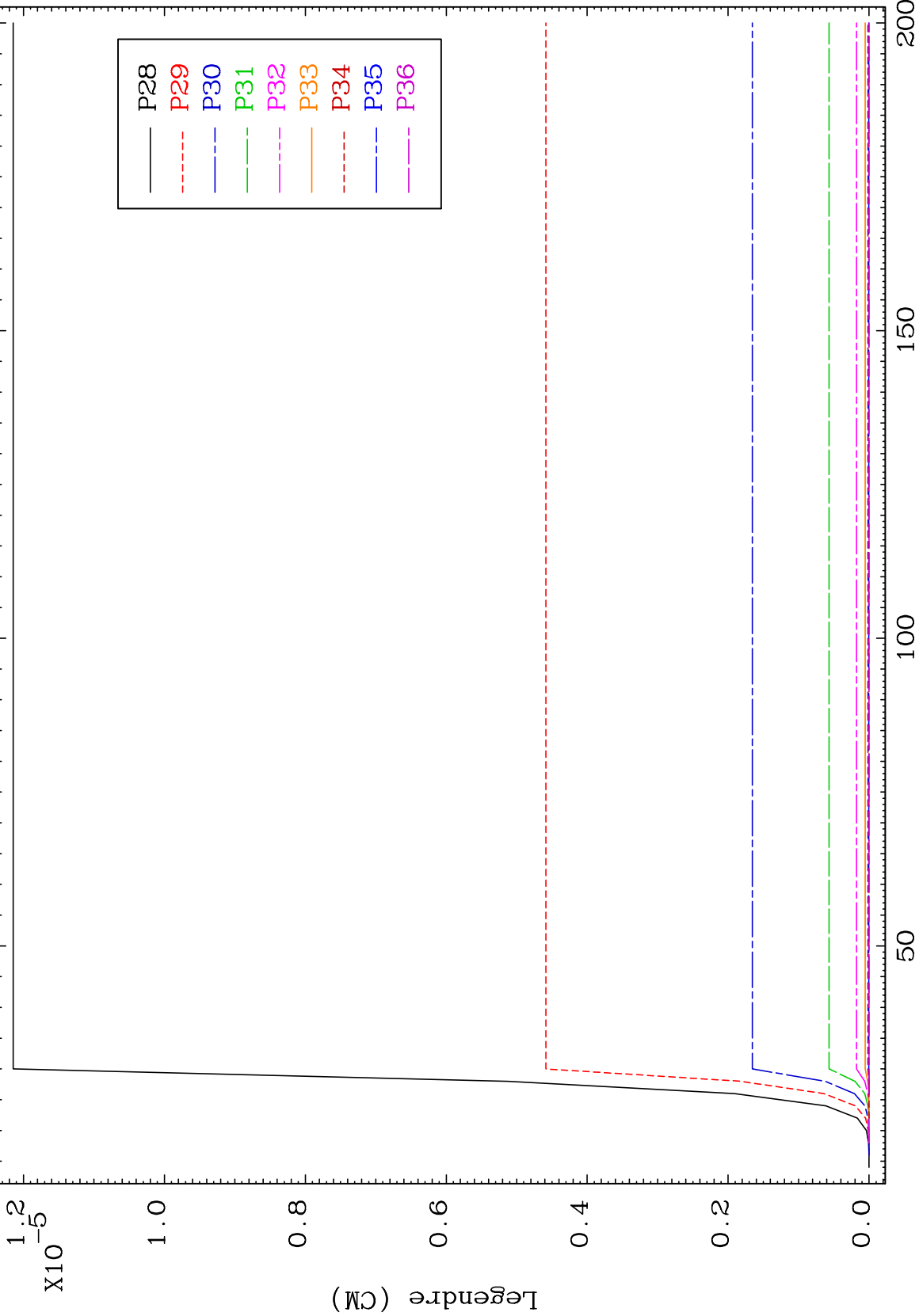
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



39

Incident Energy (MeV)

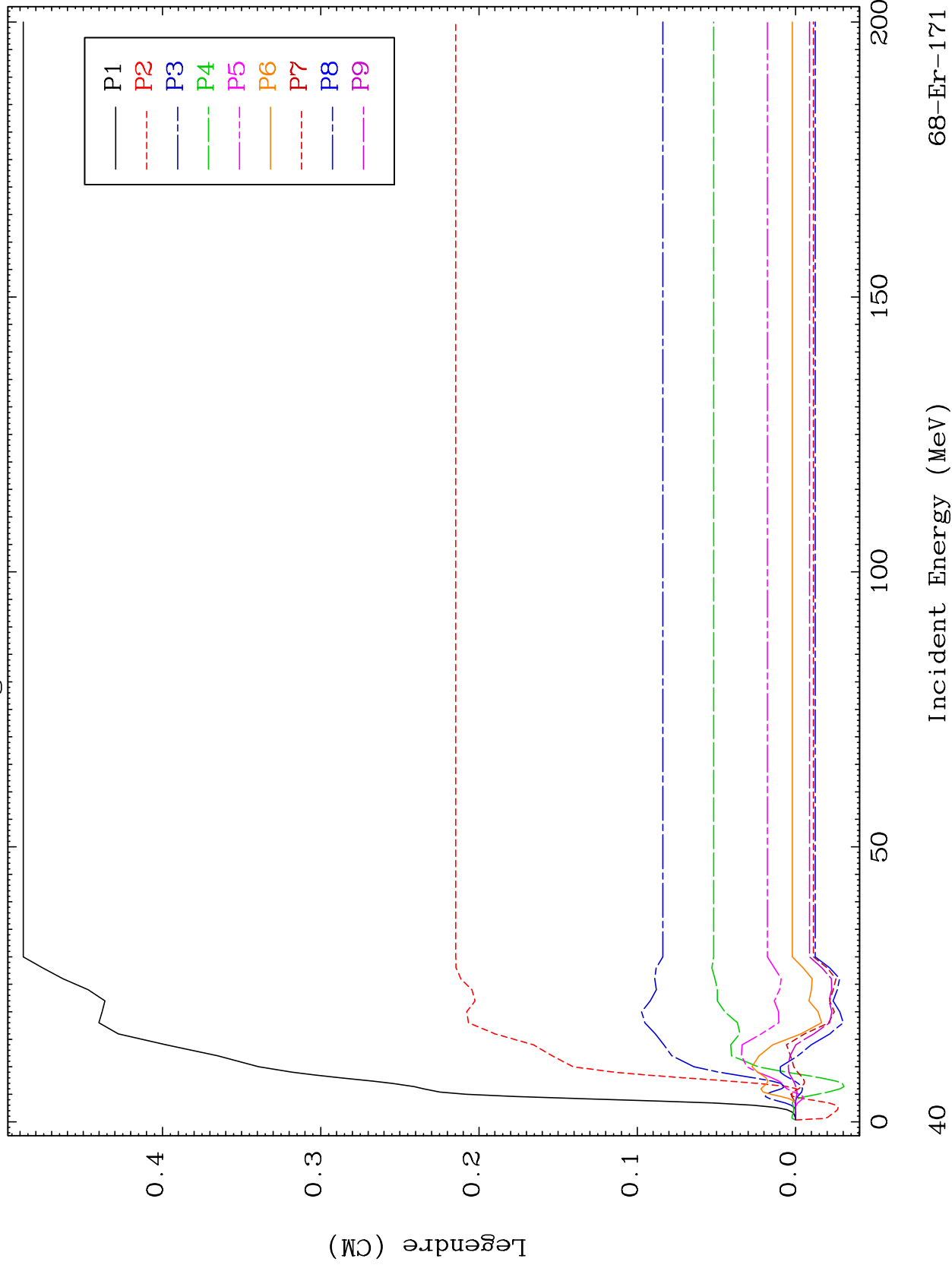
68-Er-171



MAT 6852

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

68-Er-171



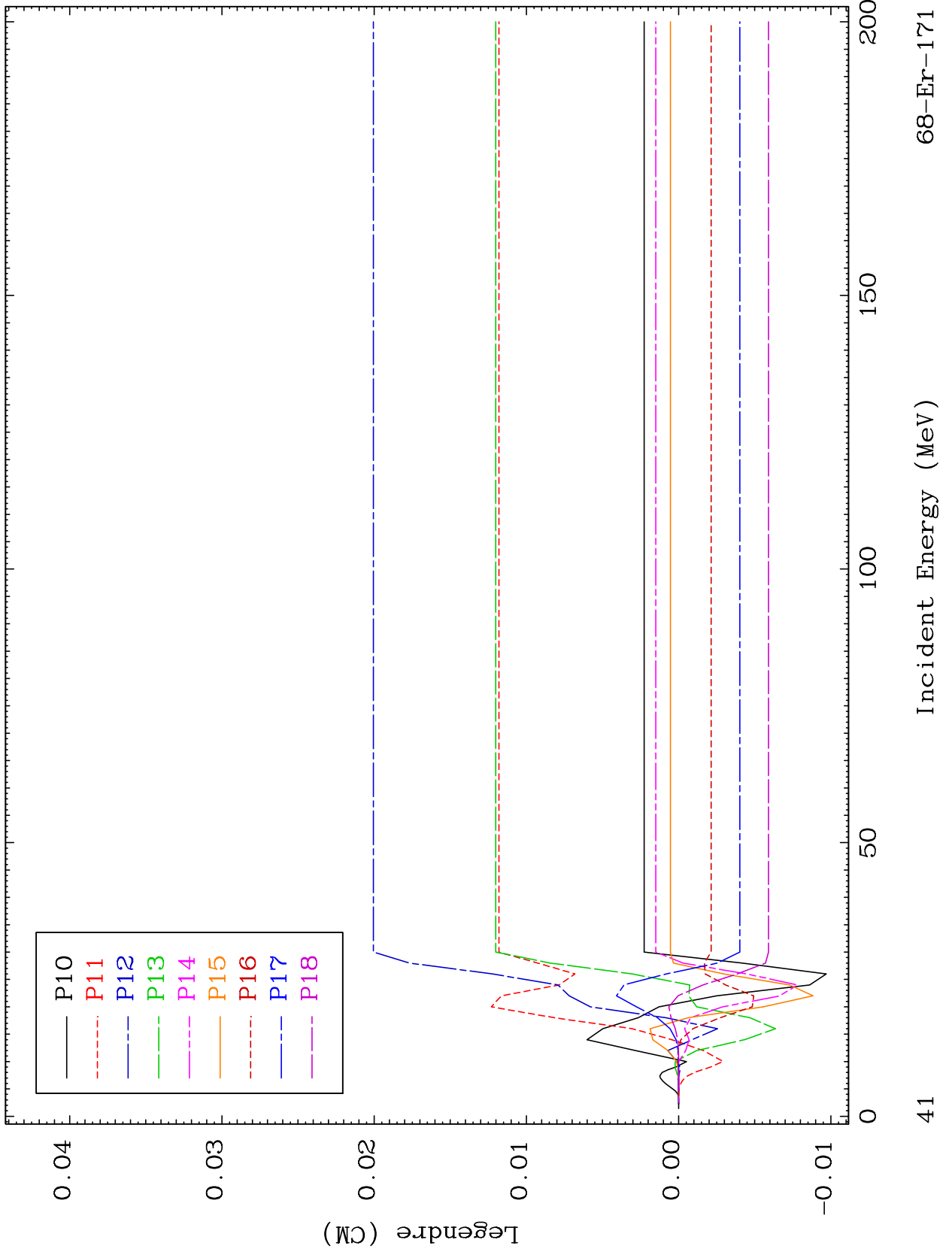
68-Er-171

Incident Energy (MeV)

MAT 6852

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

68-Er-171



41

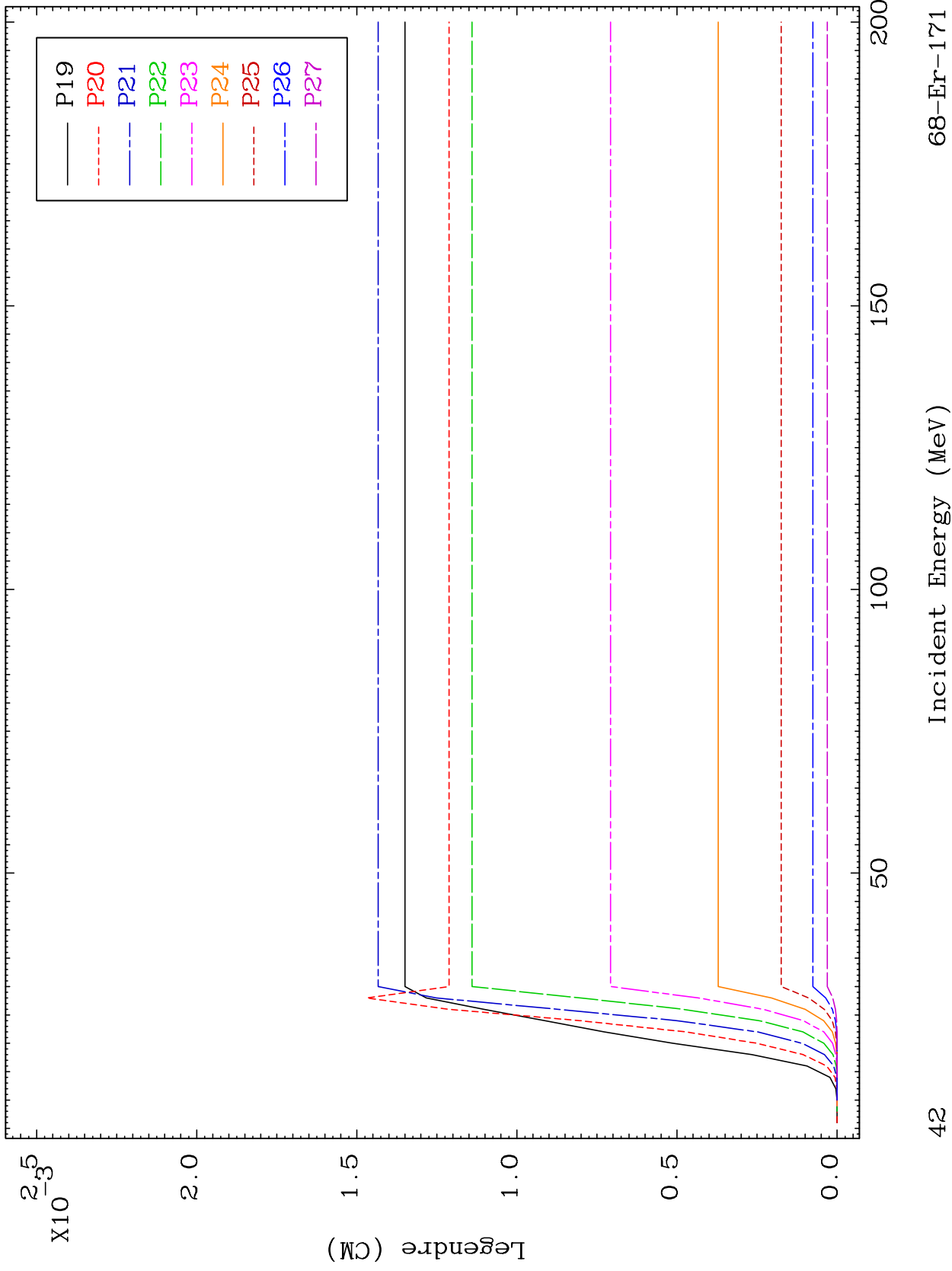
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171

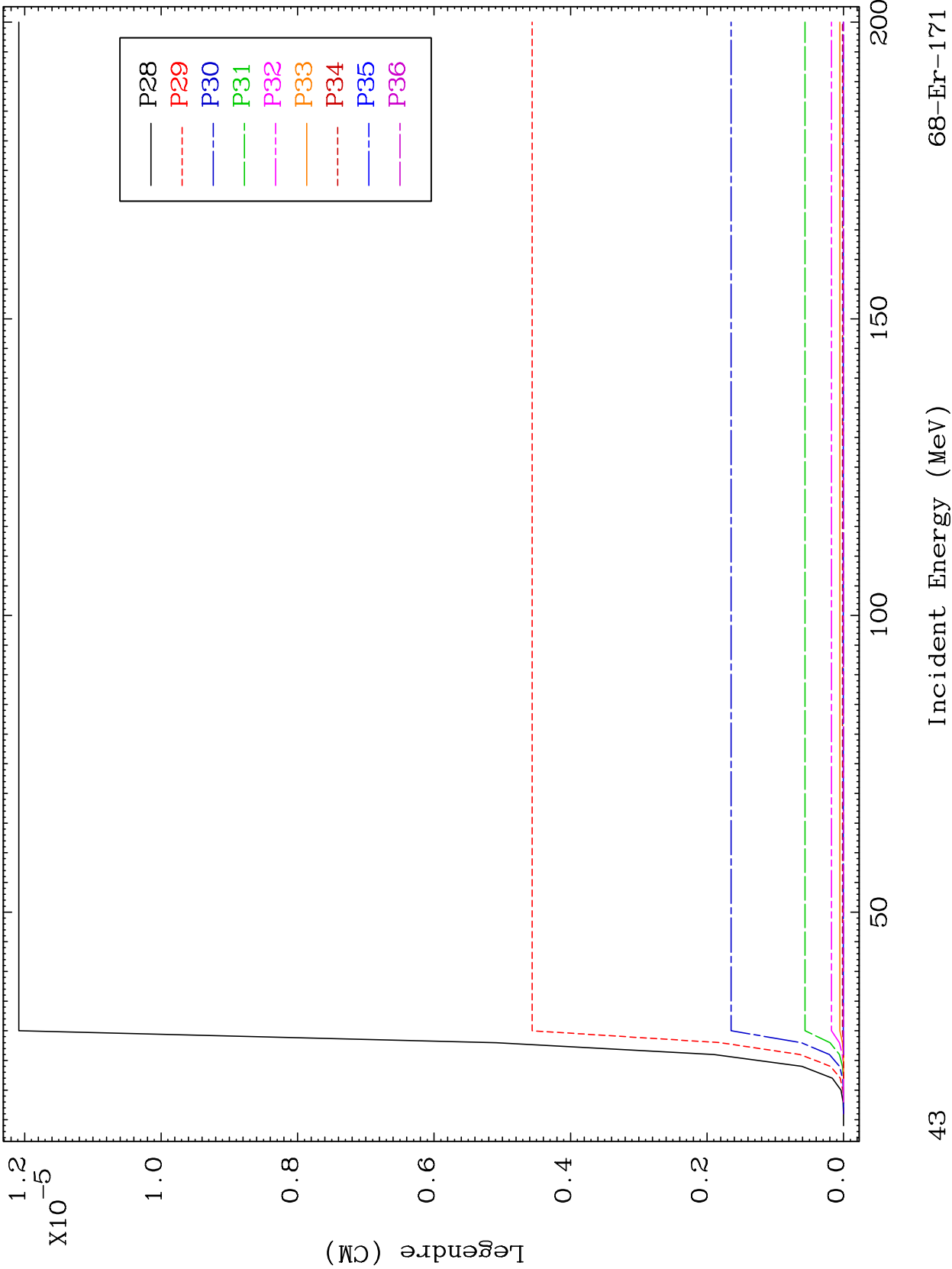


42

MAT 6852

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

68-Er-171



43

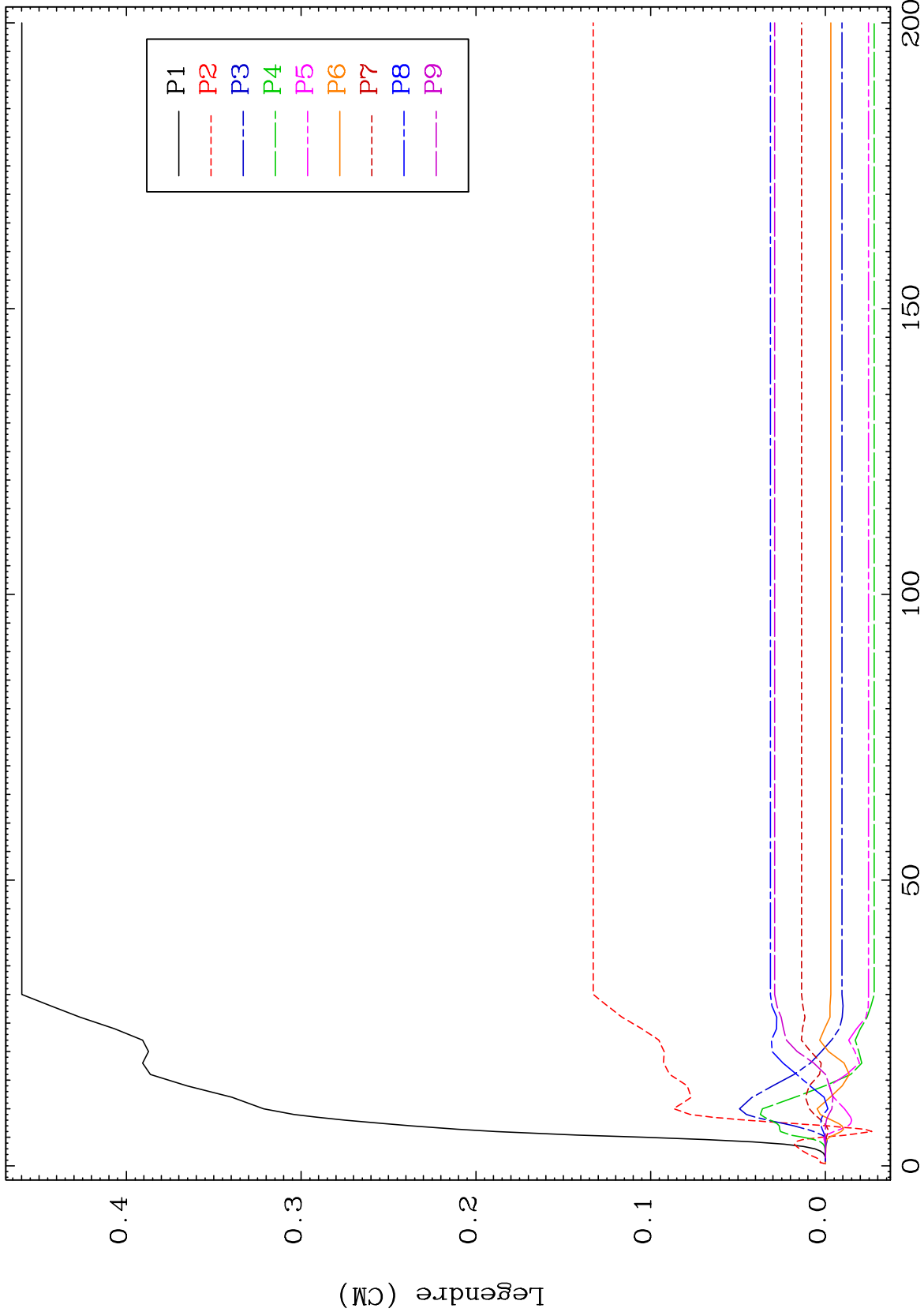
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



44

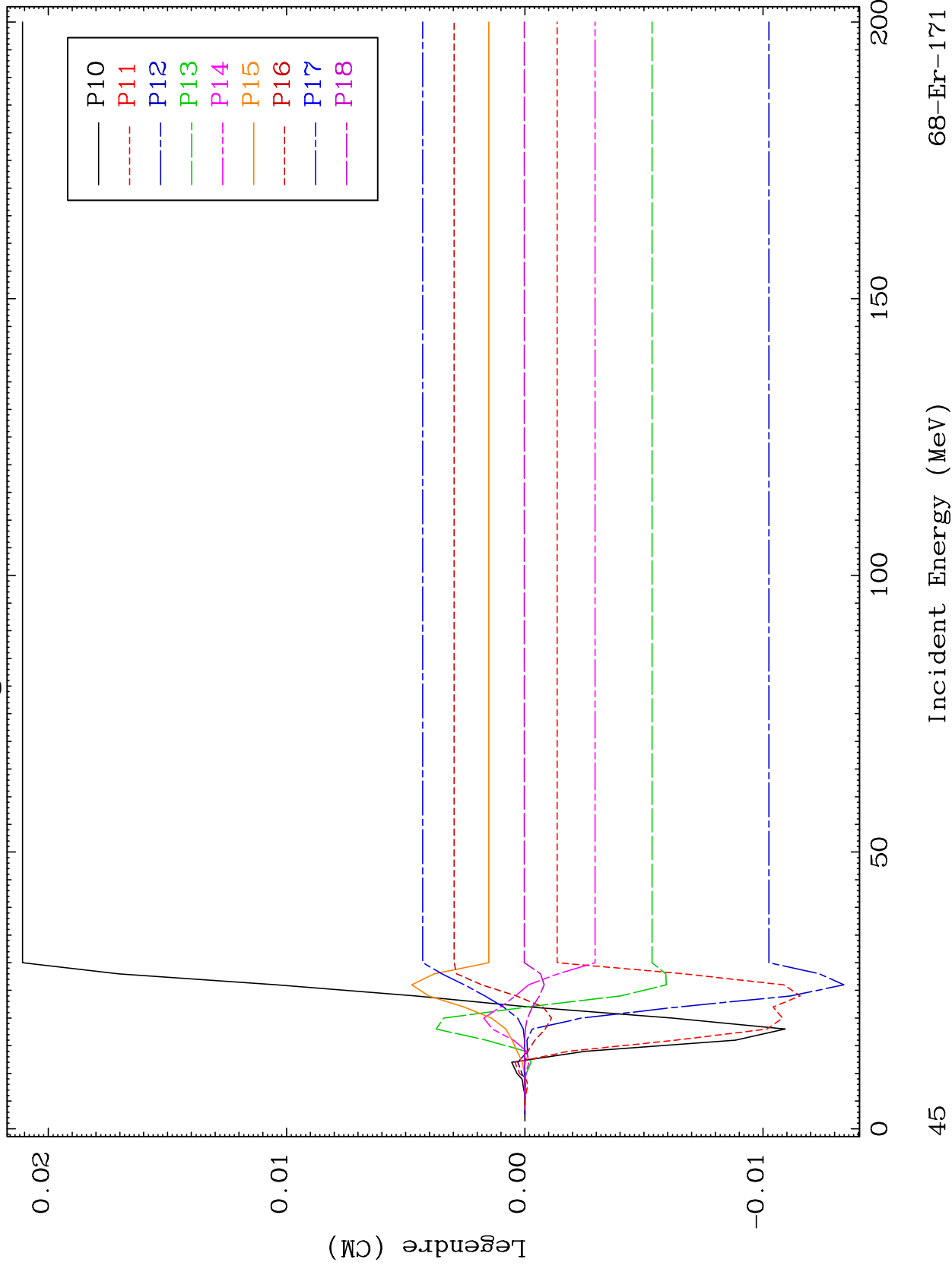
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



68-Er-171

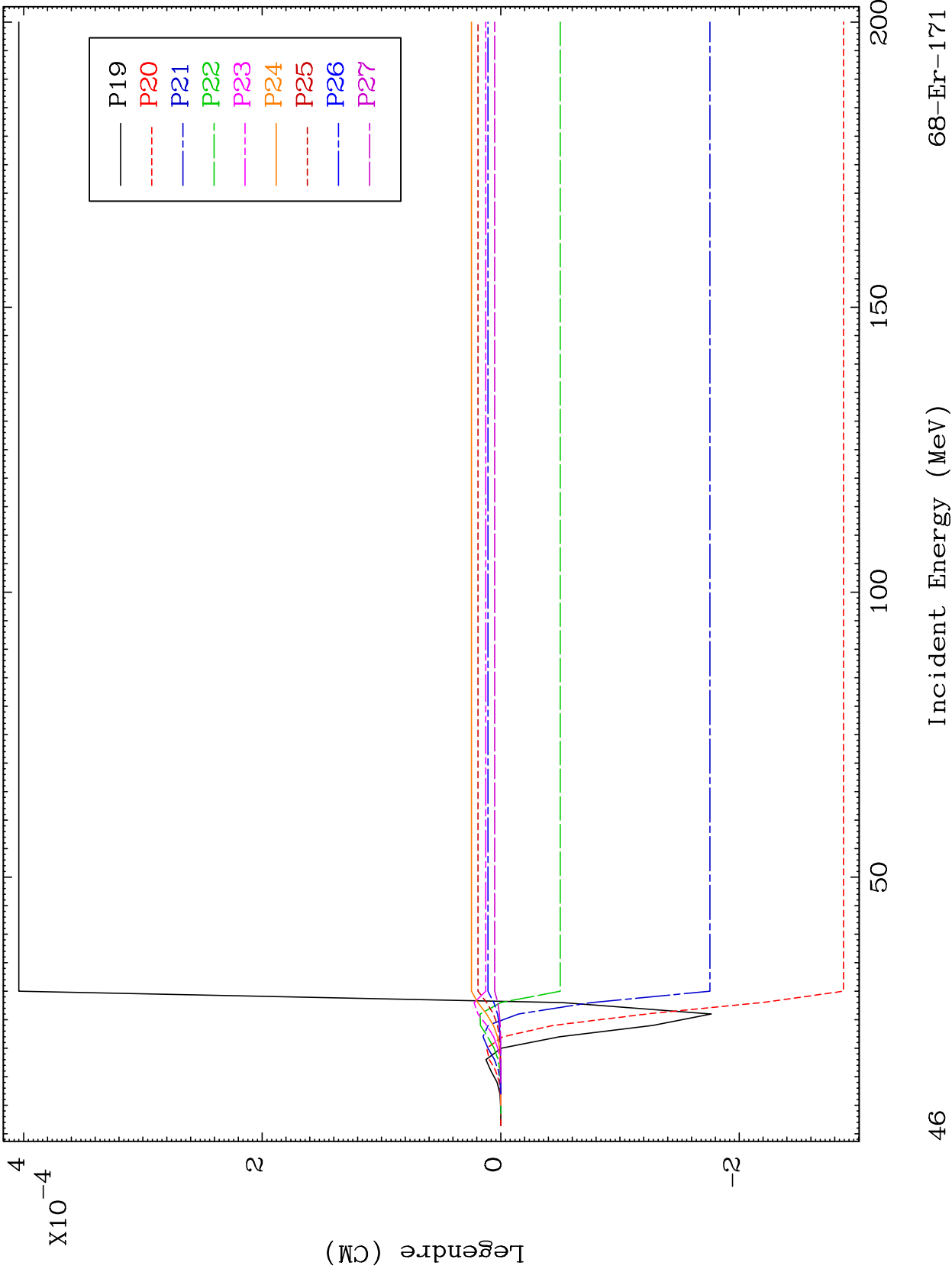
Incident Energy (MeV)

45

MAT 6852

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

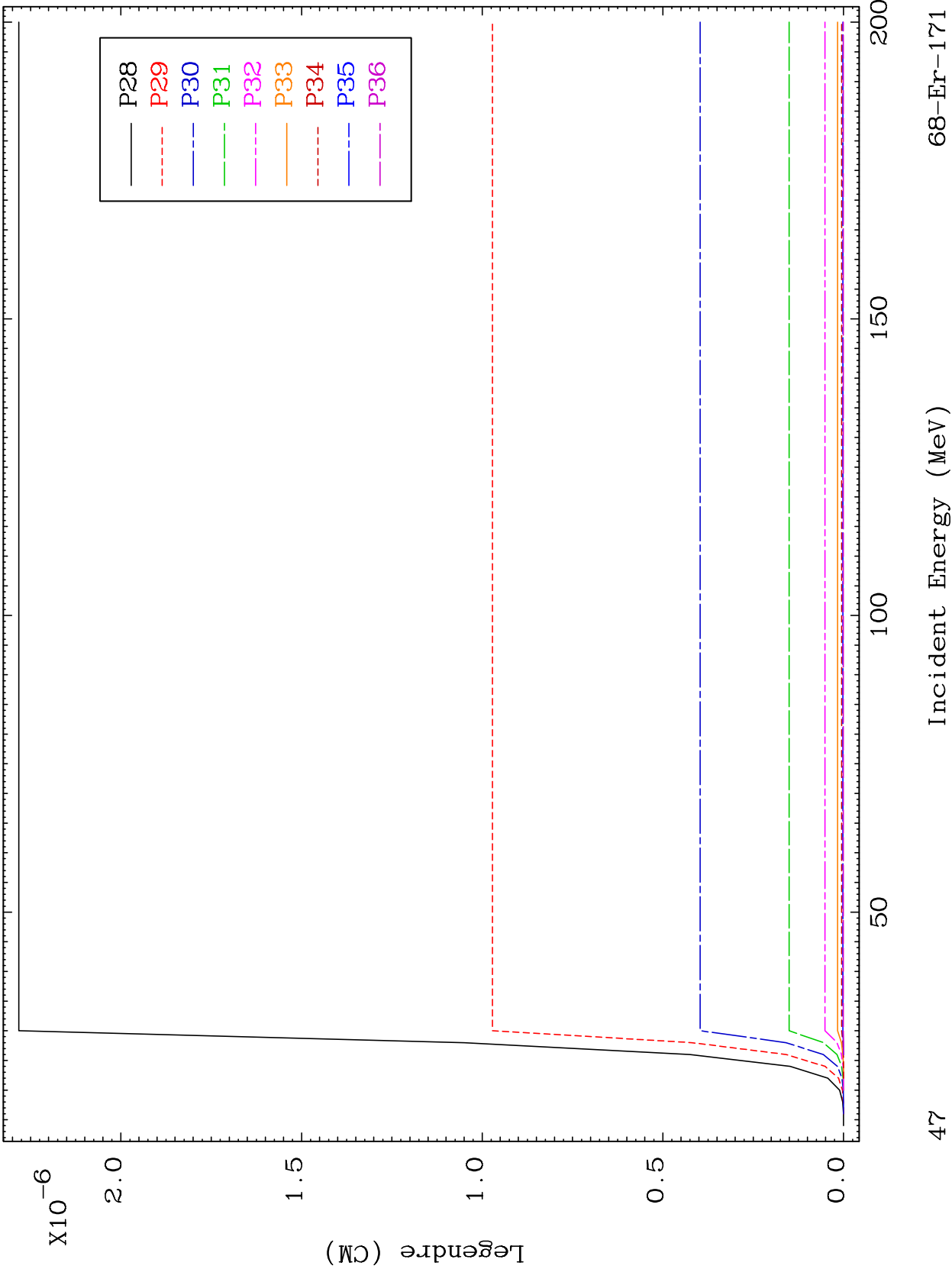
68-Er-171



MAT 6852

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

68-Er-171



47

Incident Energy (MeV)

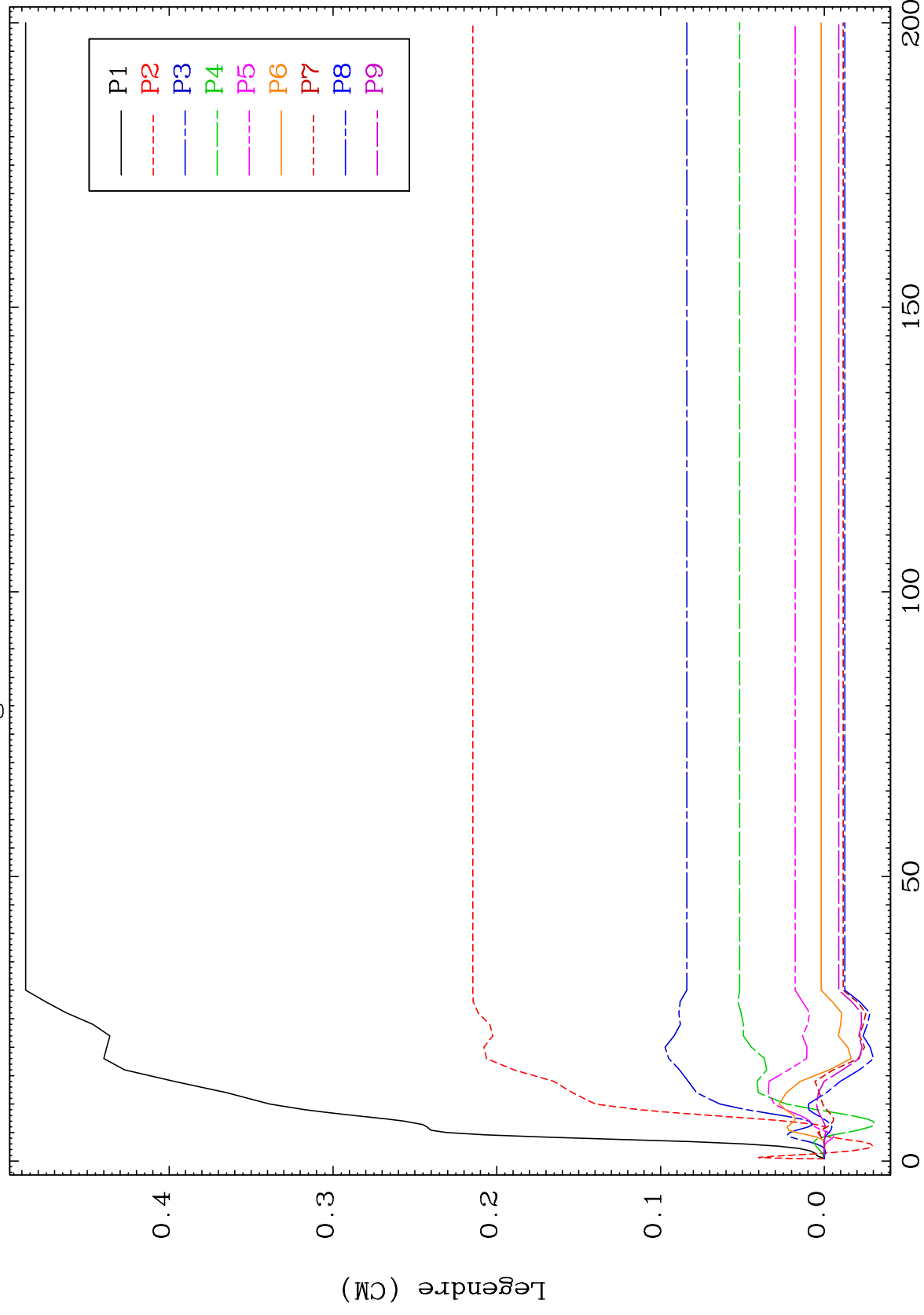
68-Er-171



MAT 6852

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

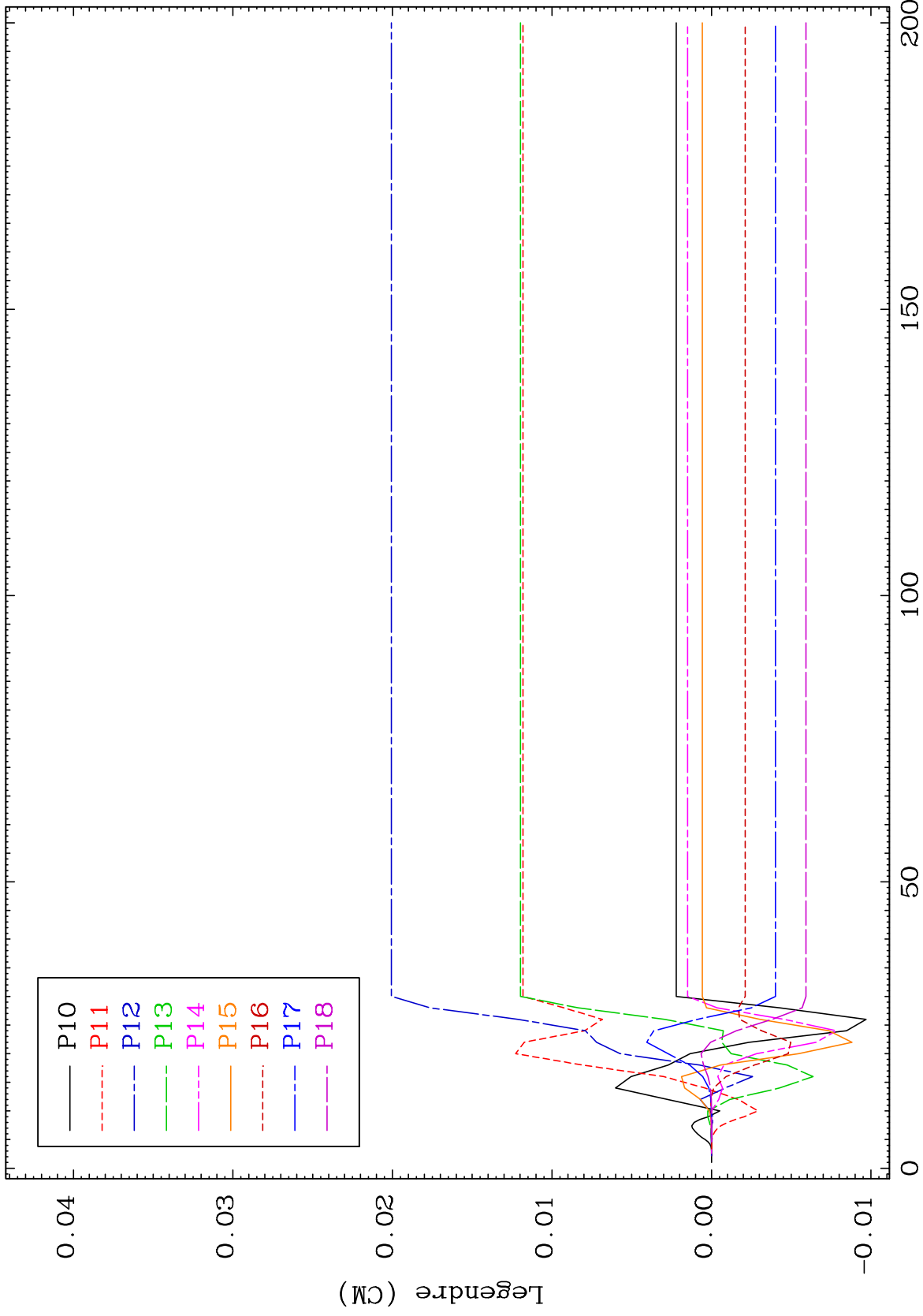
68-Er-171



48

Incident Energy (MeV)

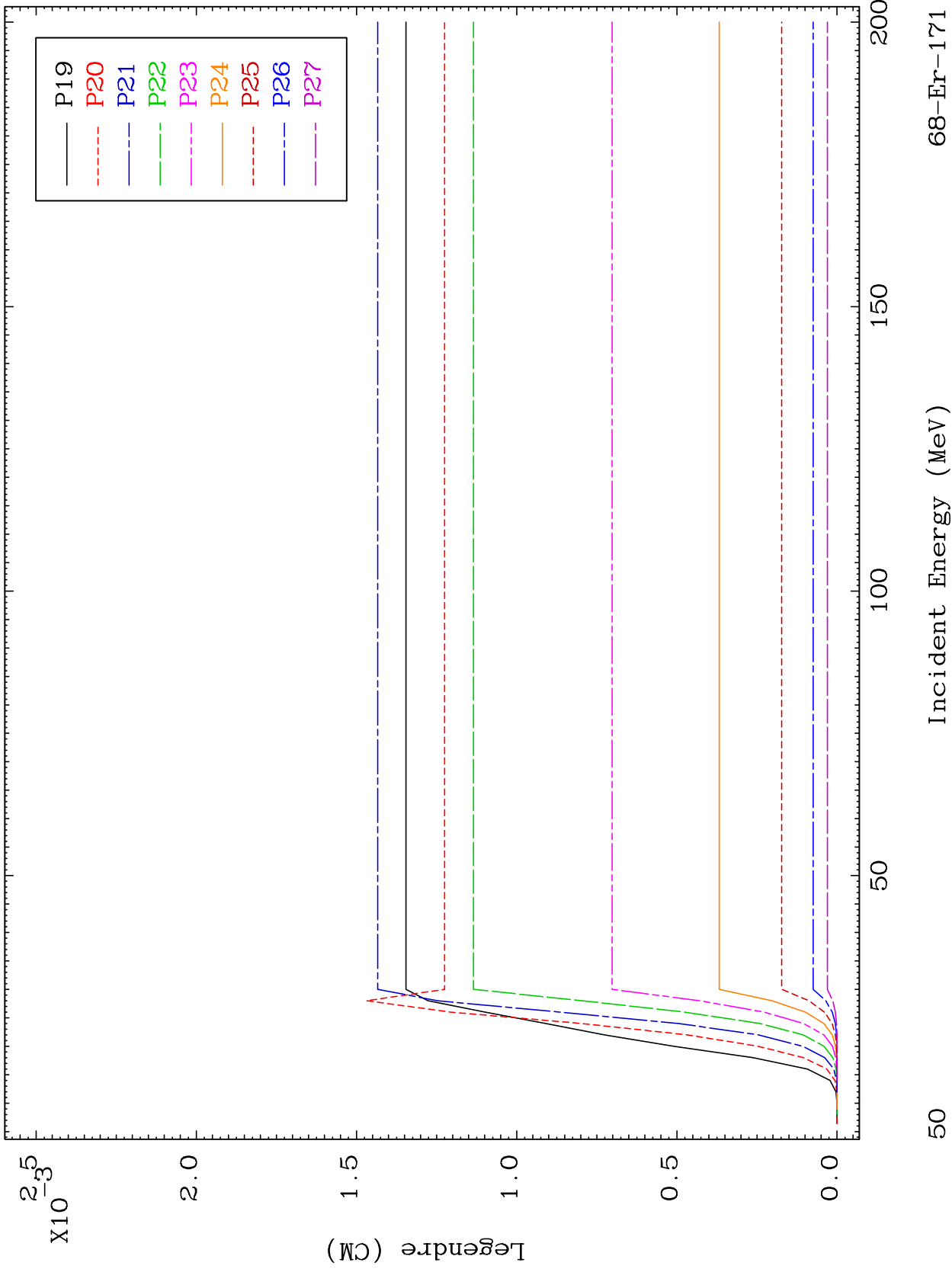
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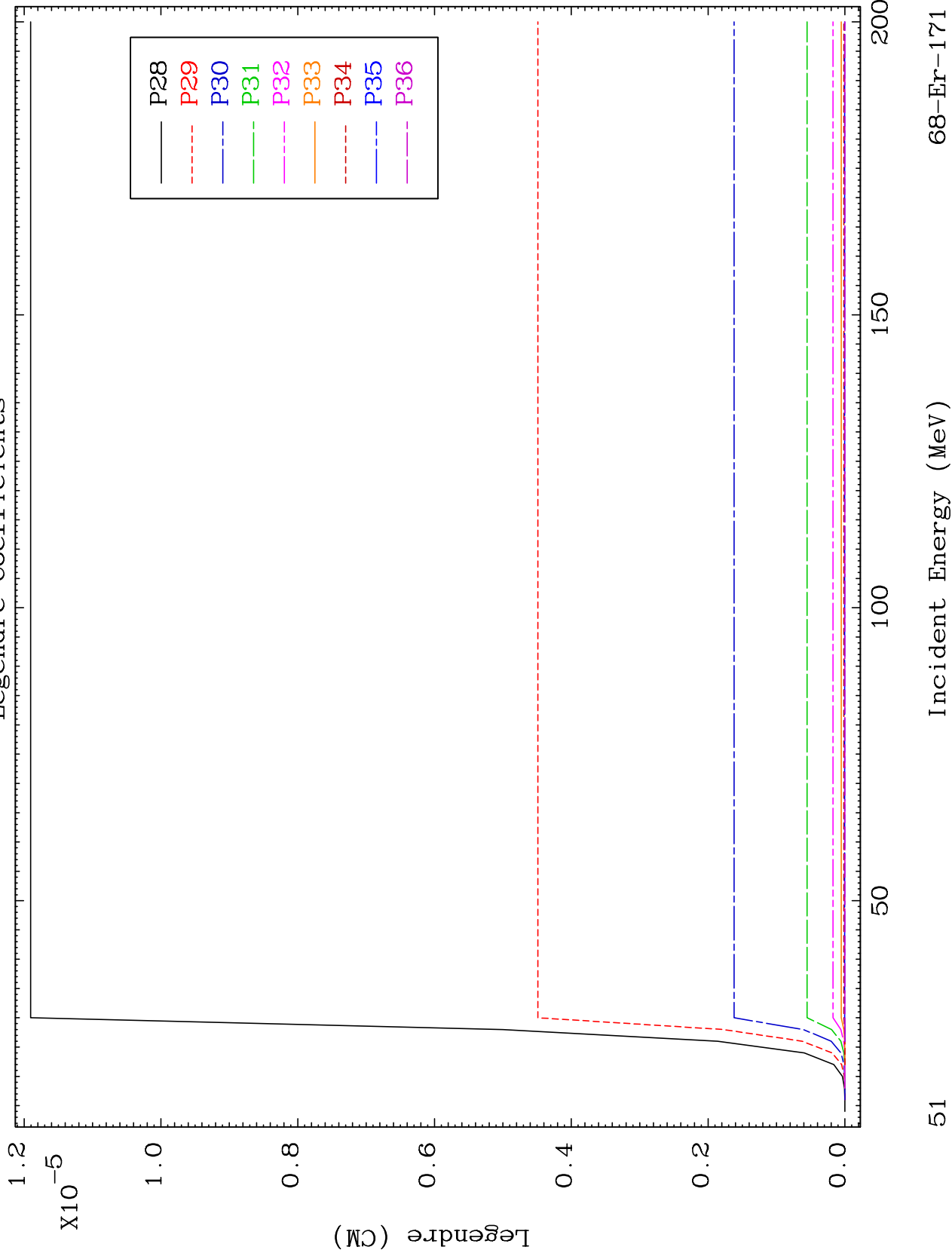


MAT 6852

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

68-Er-171

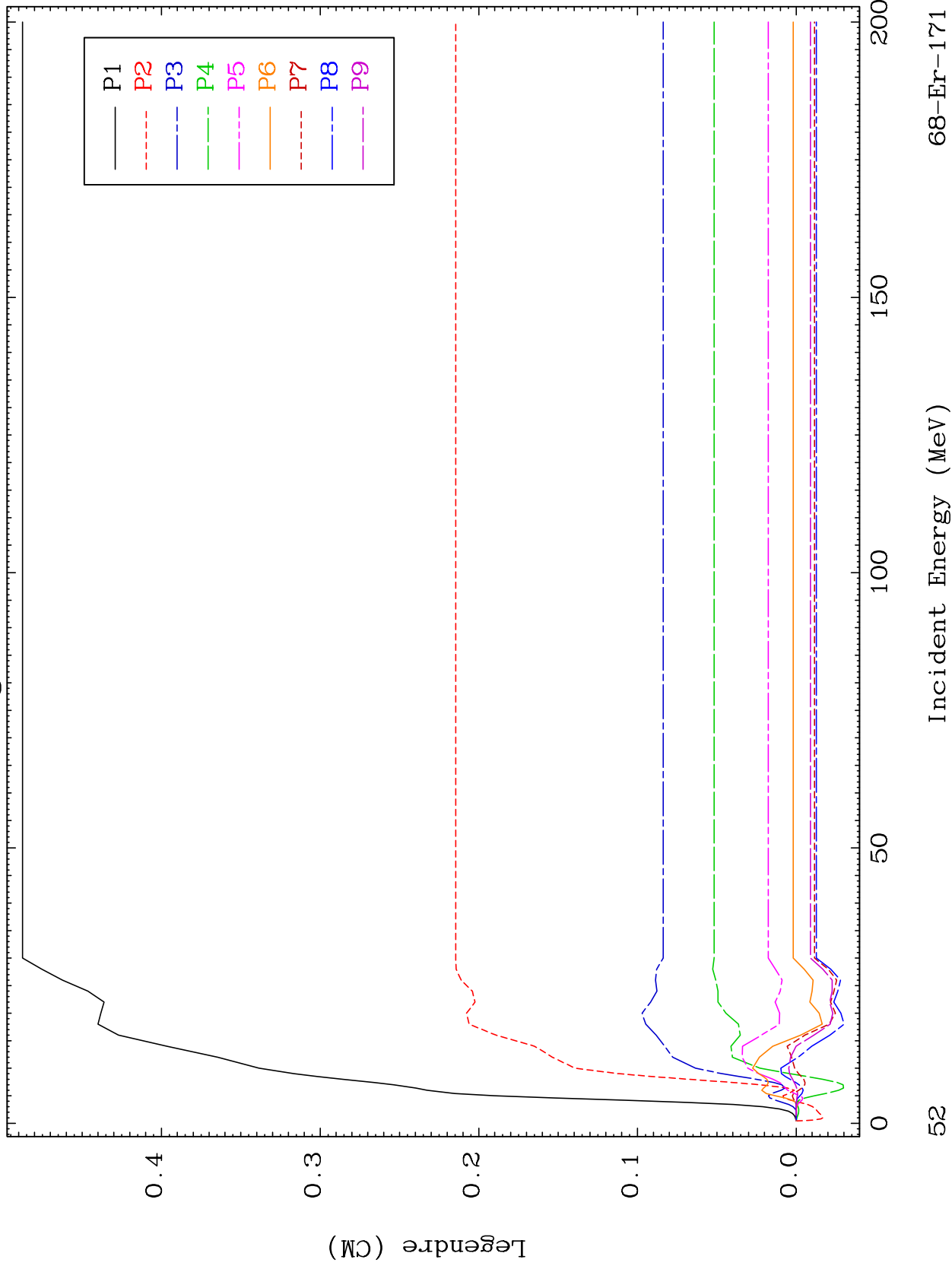




MAT 6852

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

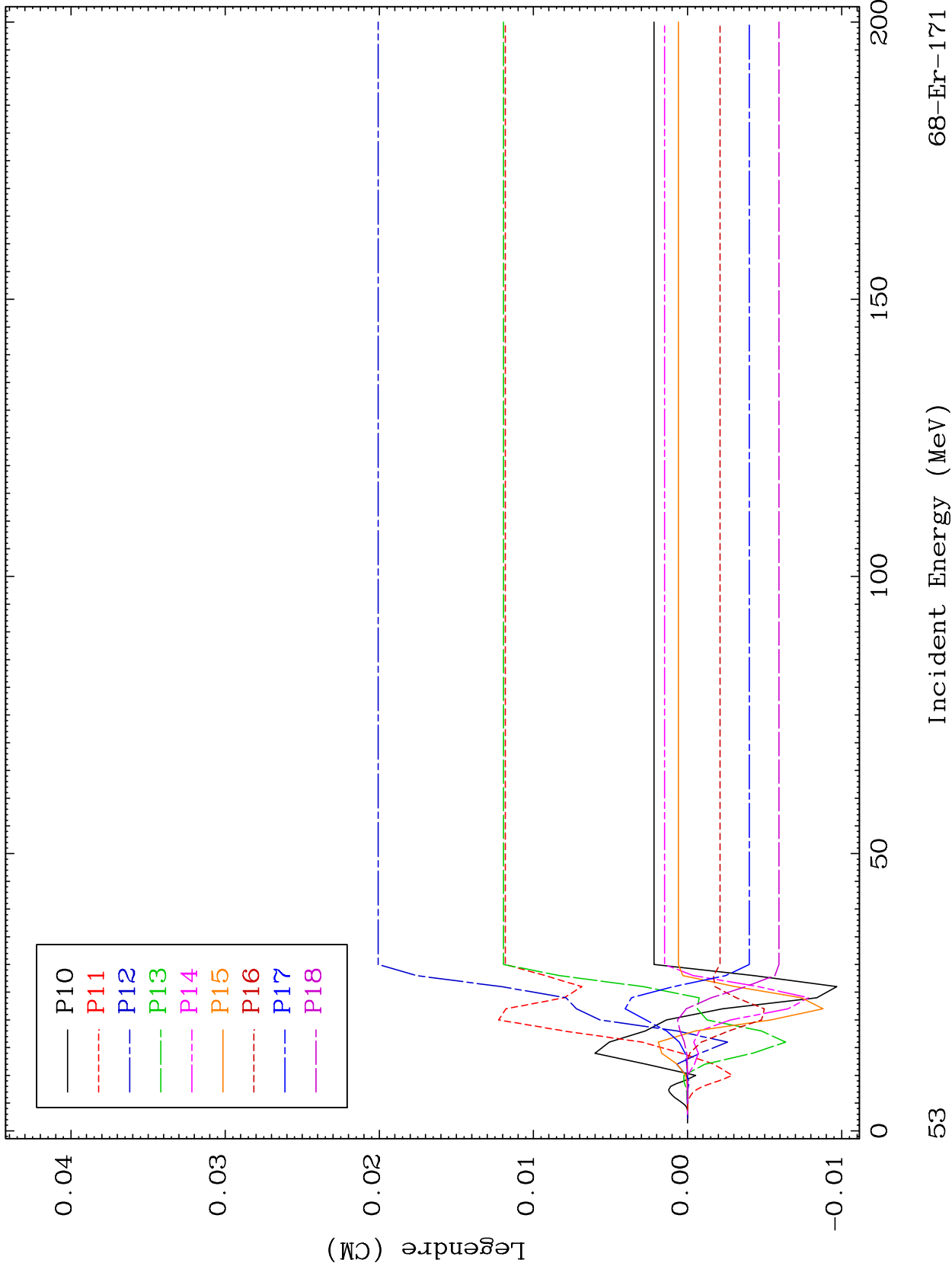
68-Er-171



68-Er-171

Incident Energy (MeV)

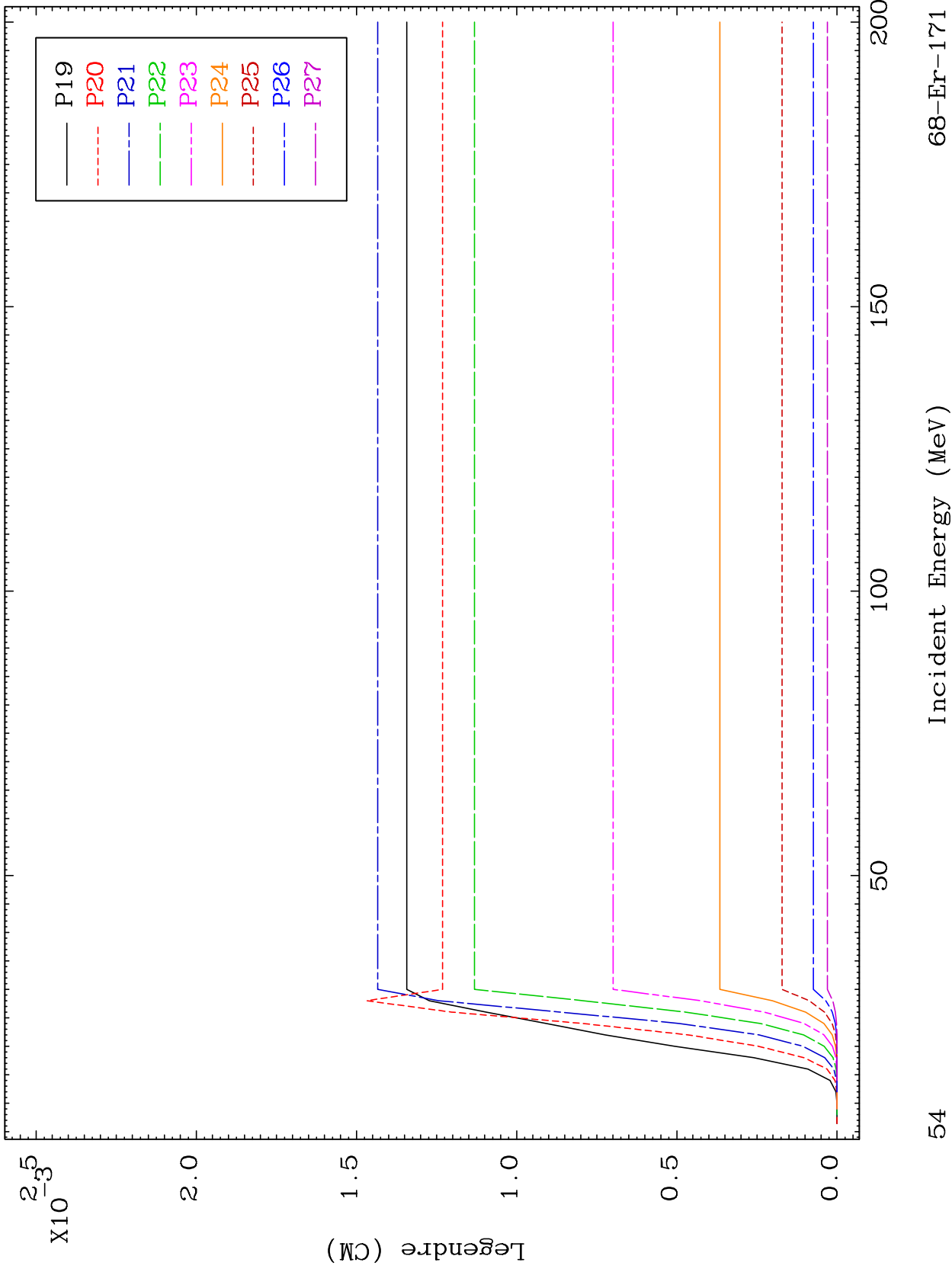
52



MAT 6852

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

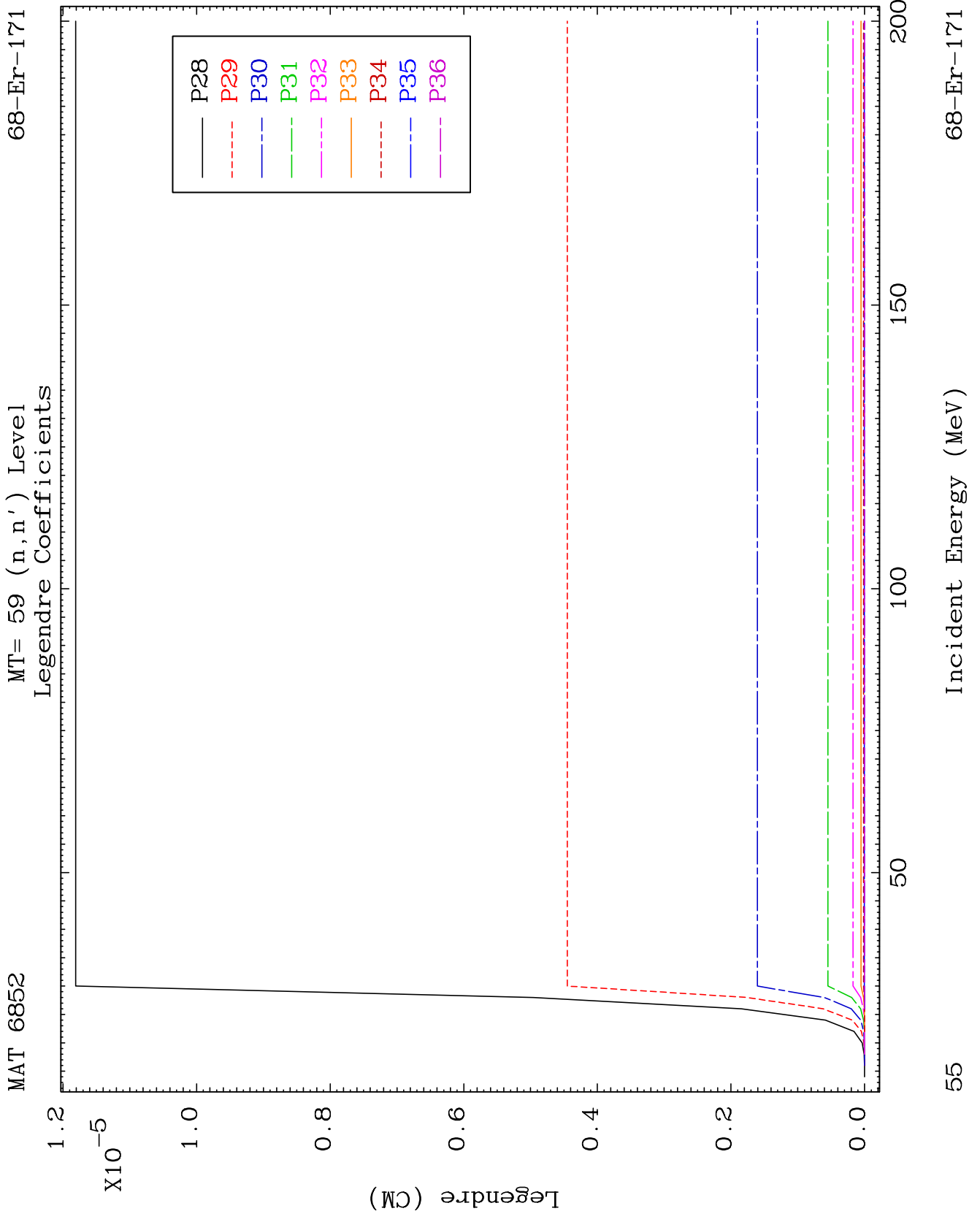
68-Er-171



54

Incident Energy (MeV)

68-Er-171

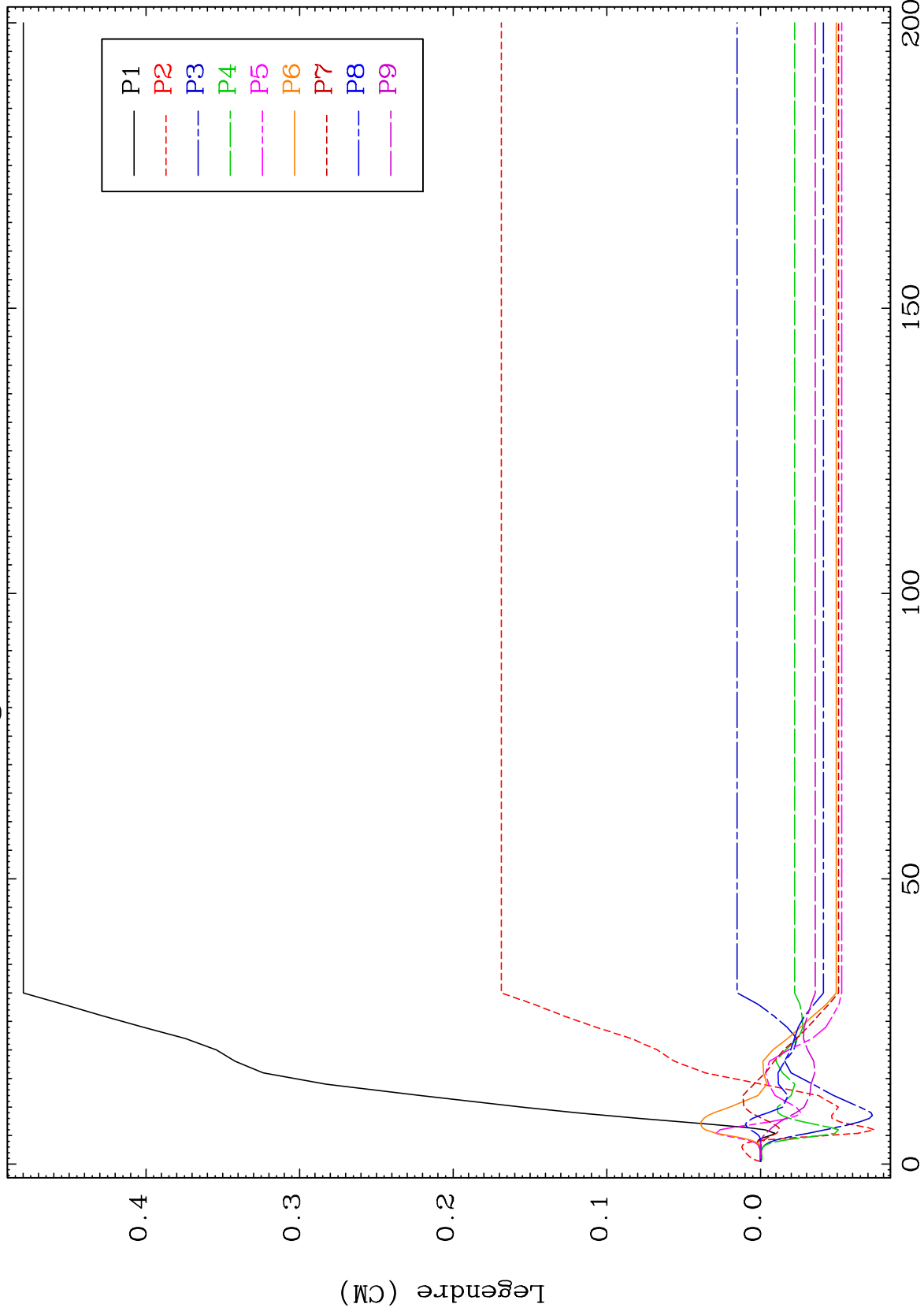




MAT 6852

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

68-Er-171



56

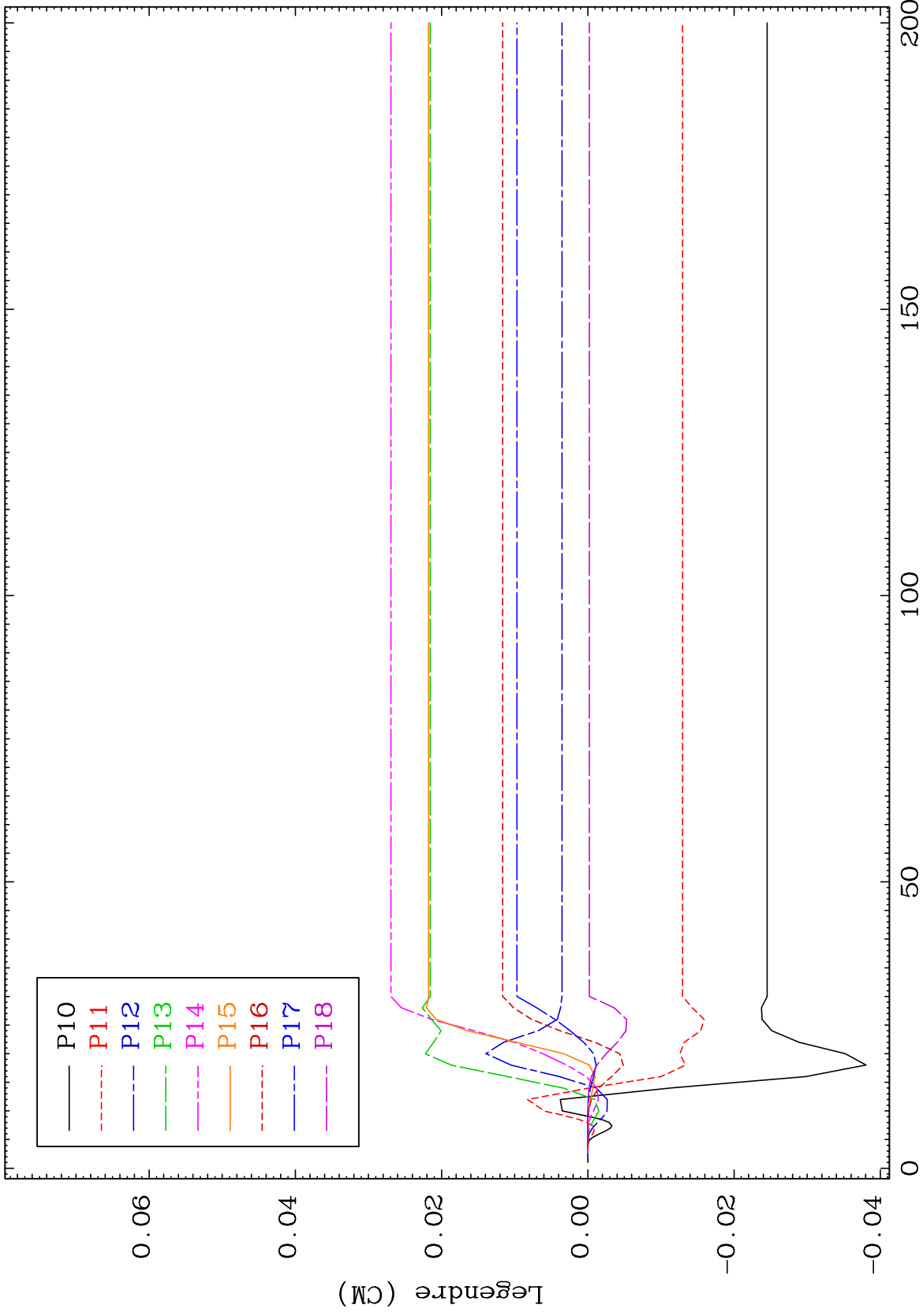
68-Er-171

68-Er-171

MAT 6852

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

68-Er-171



57

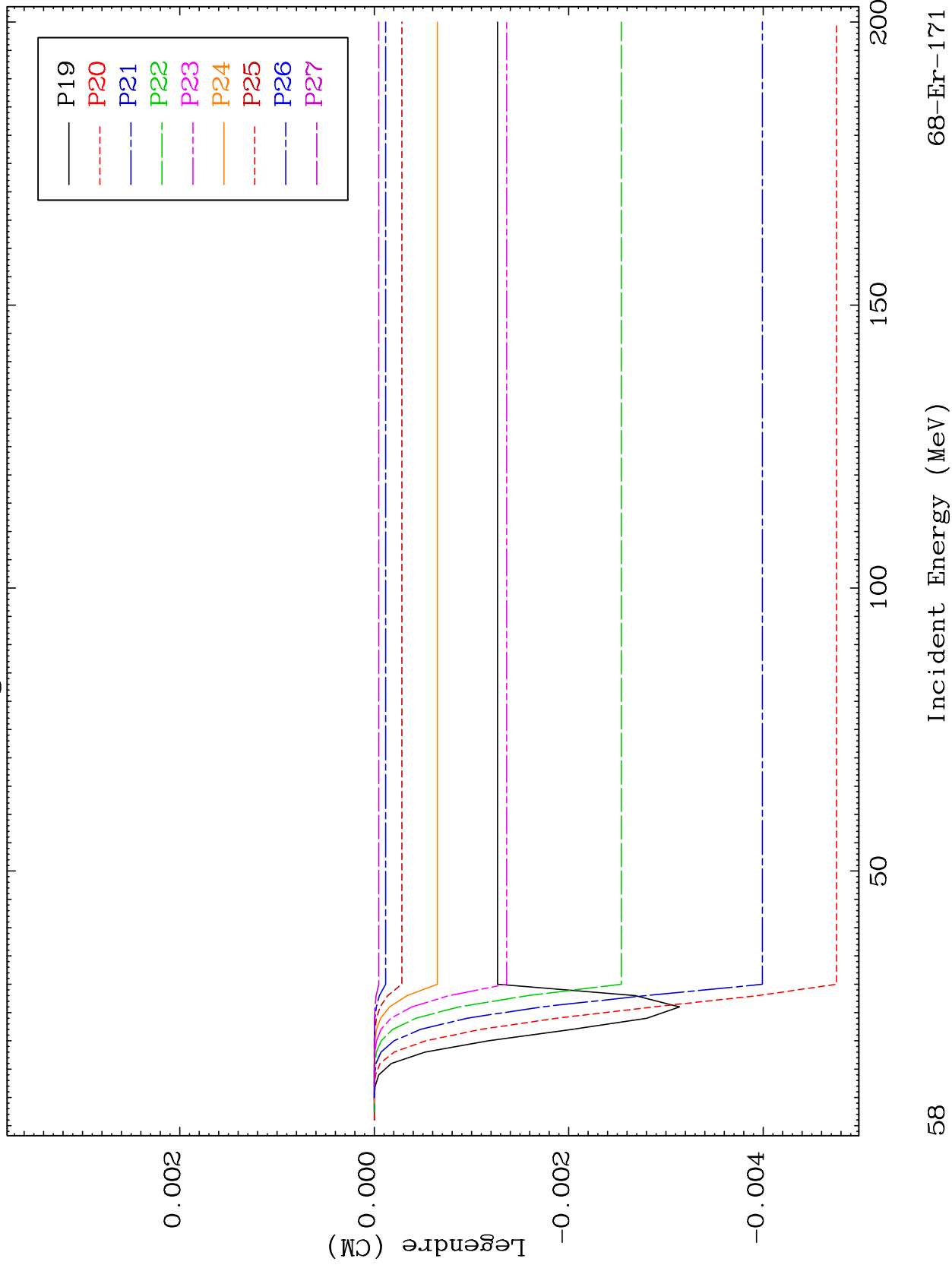
Incident Energy (MeV)

68-Er-171

MAT 6852

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

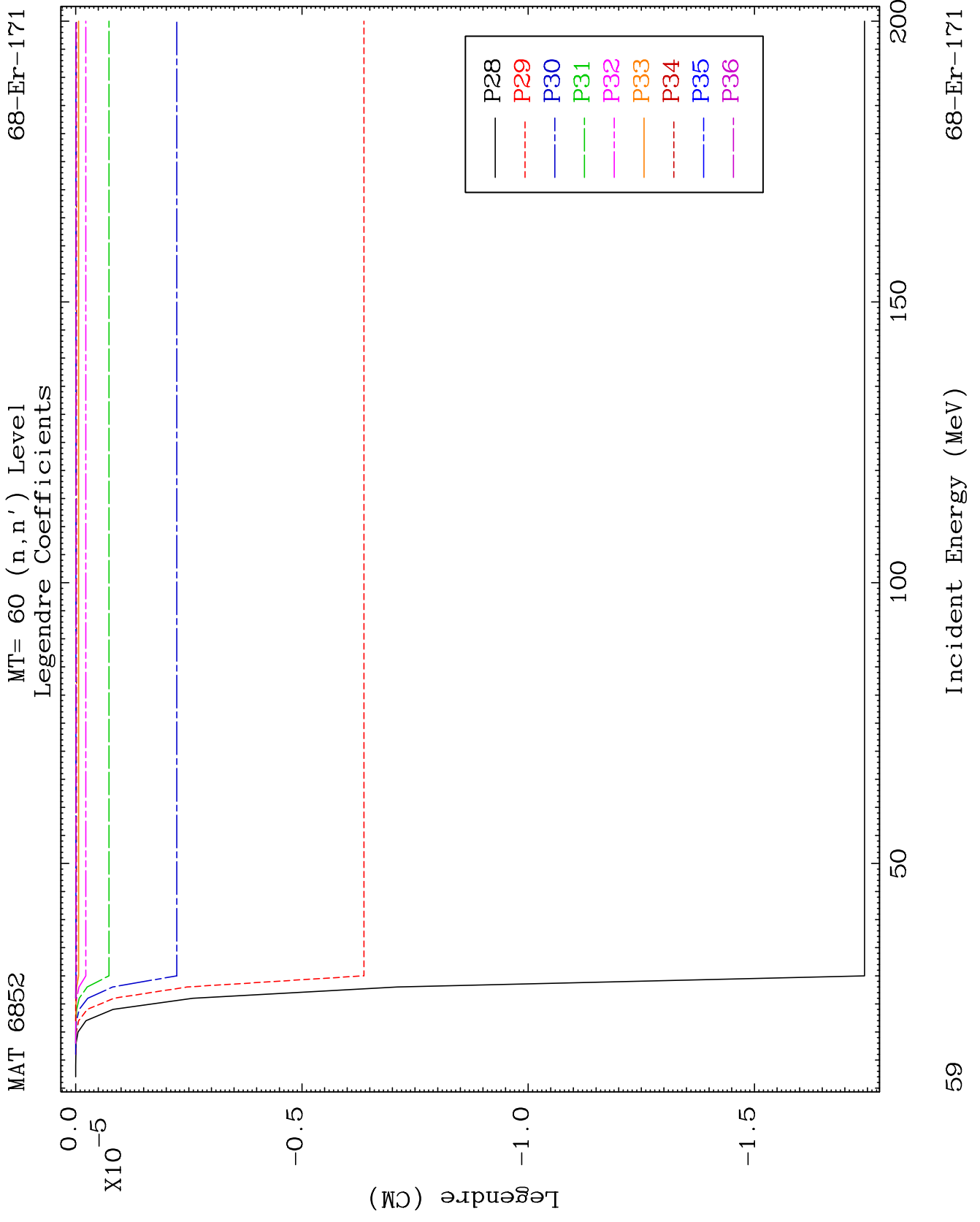
68-Er-171



58

Incident Energy (MeV)

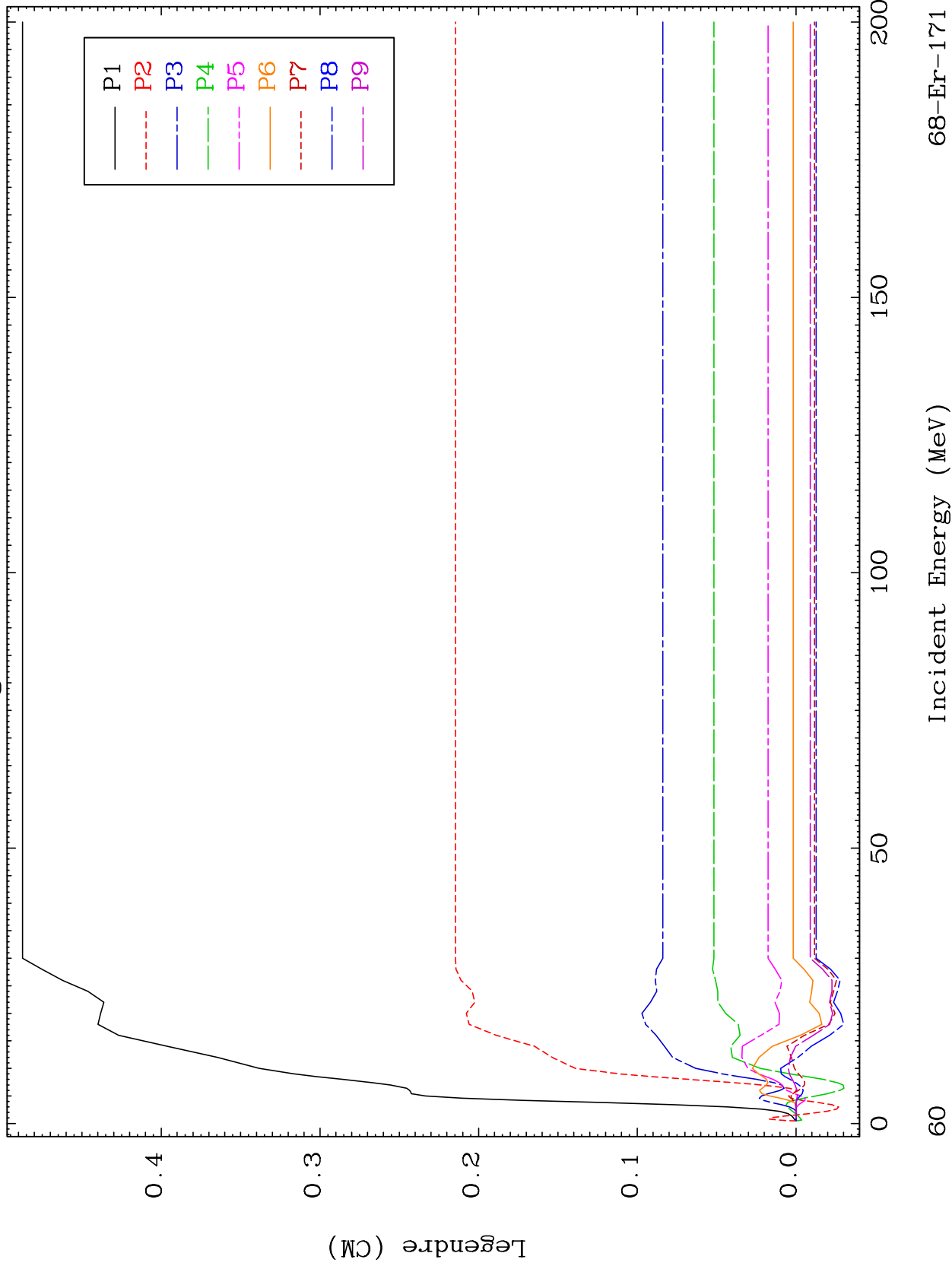
68-Er-171



MAT 6852

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

68-Er-171



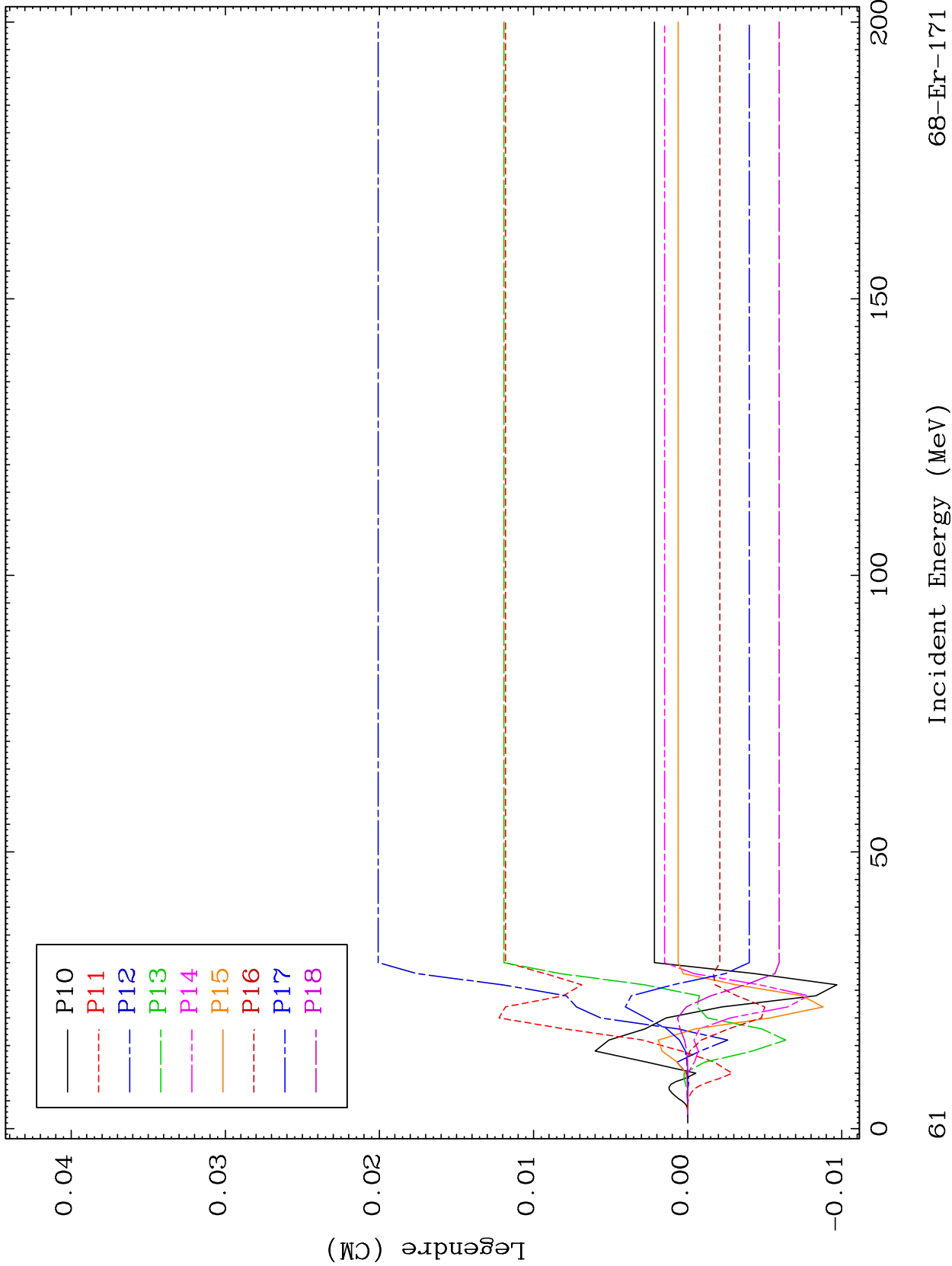
68-Er-171

Incident Energy (MeV)

MAT 6852

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

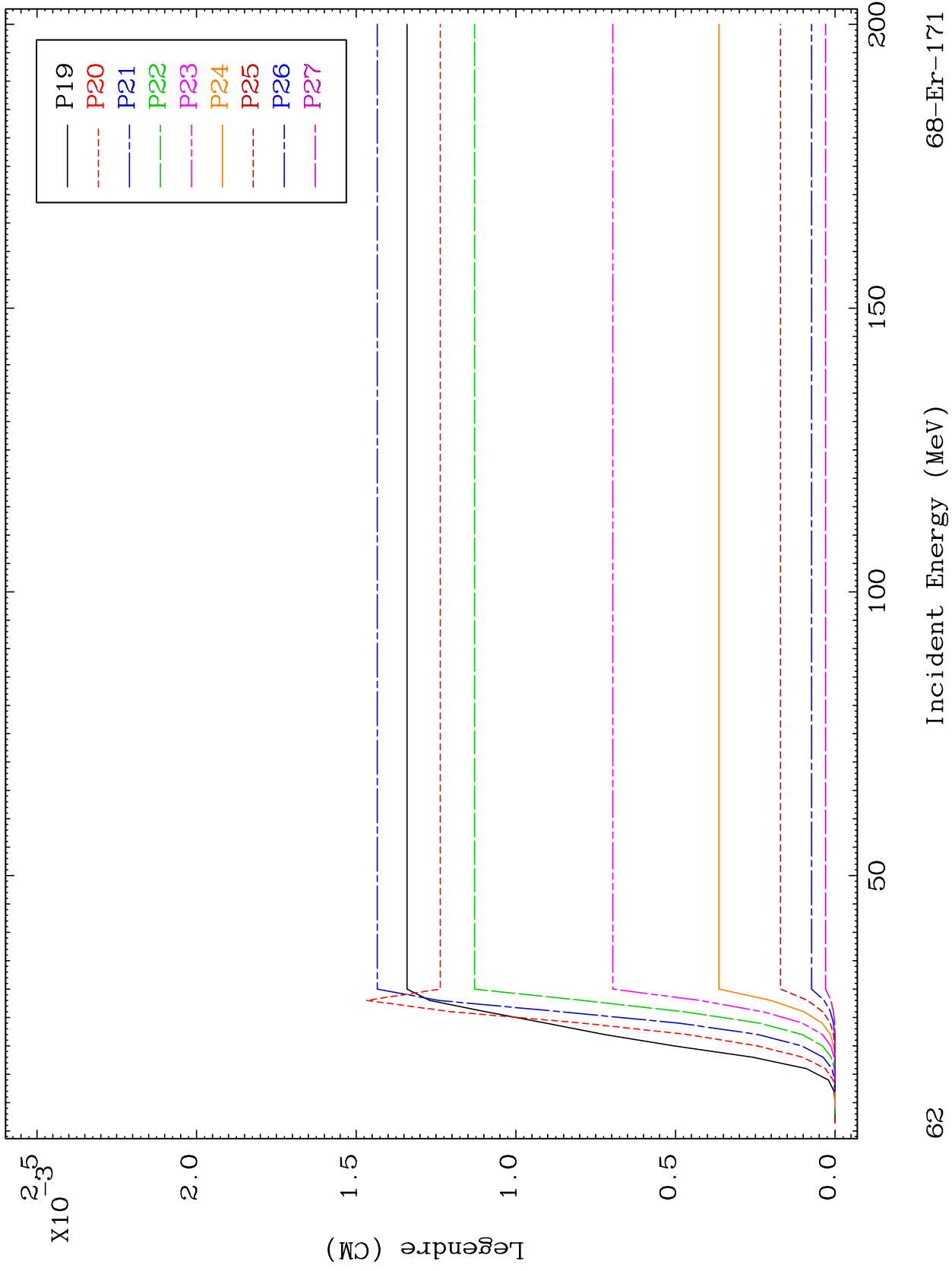
68-Er-171



MAT 6852

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

68-Er-171



62

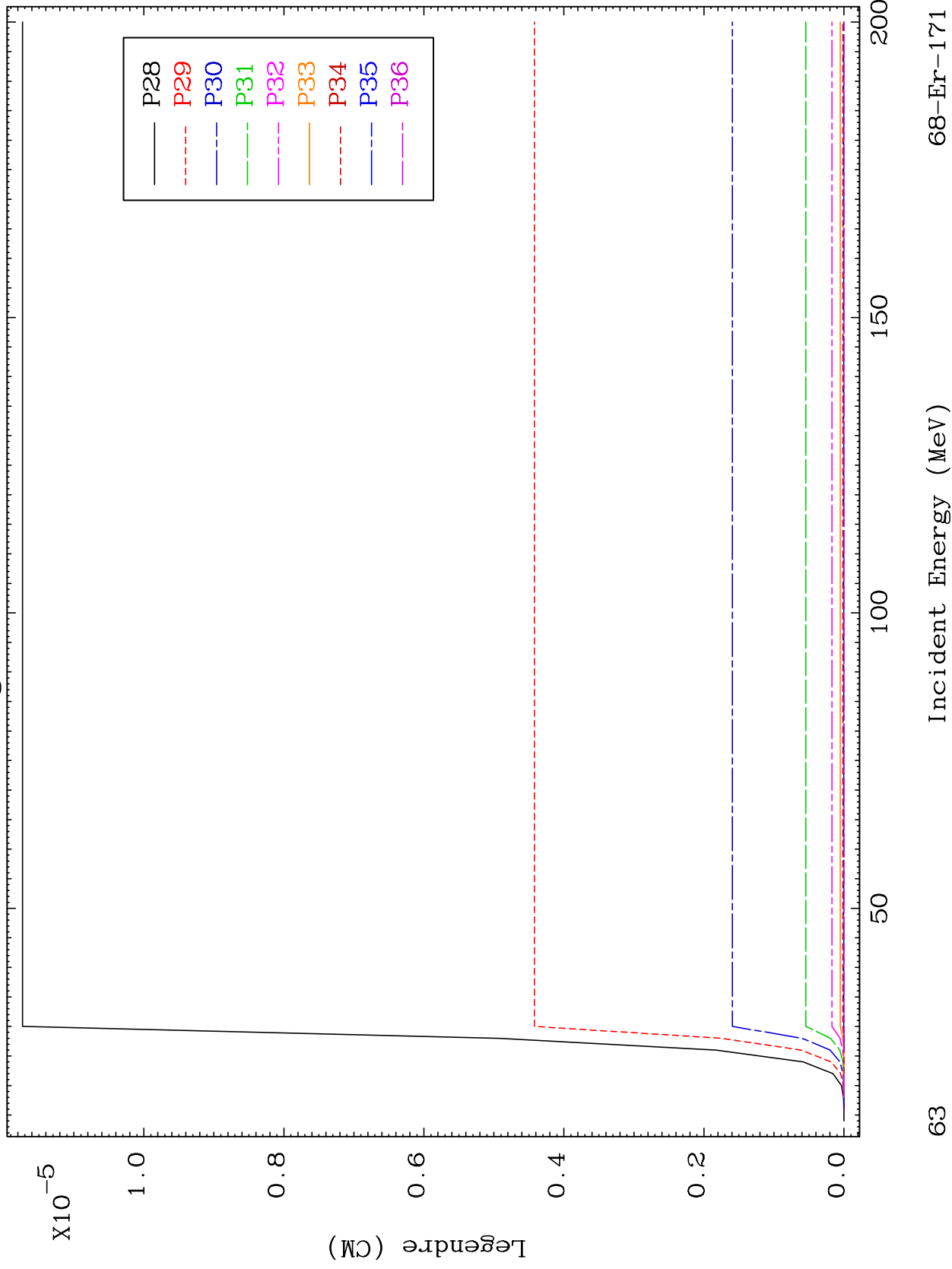
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



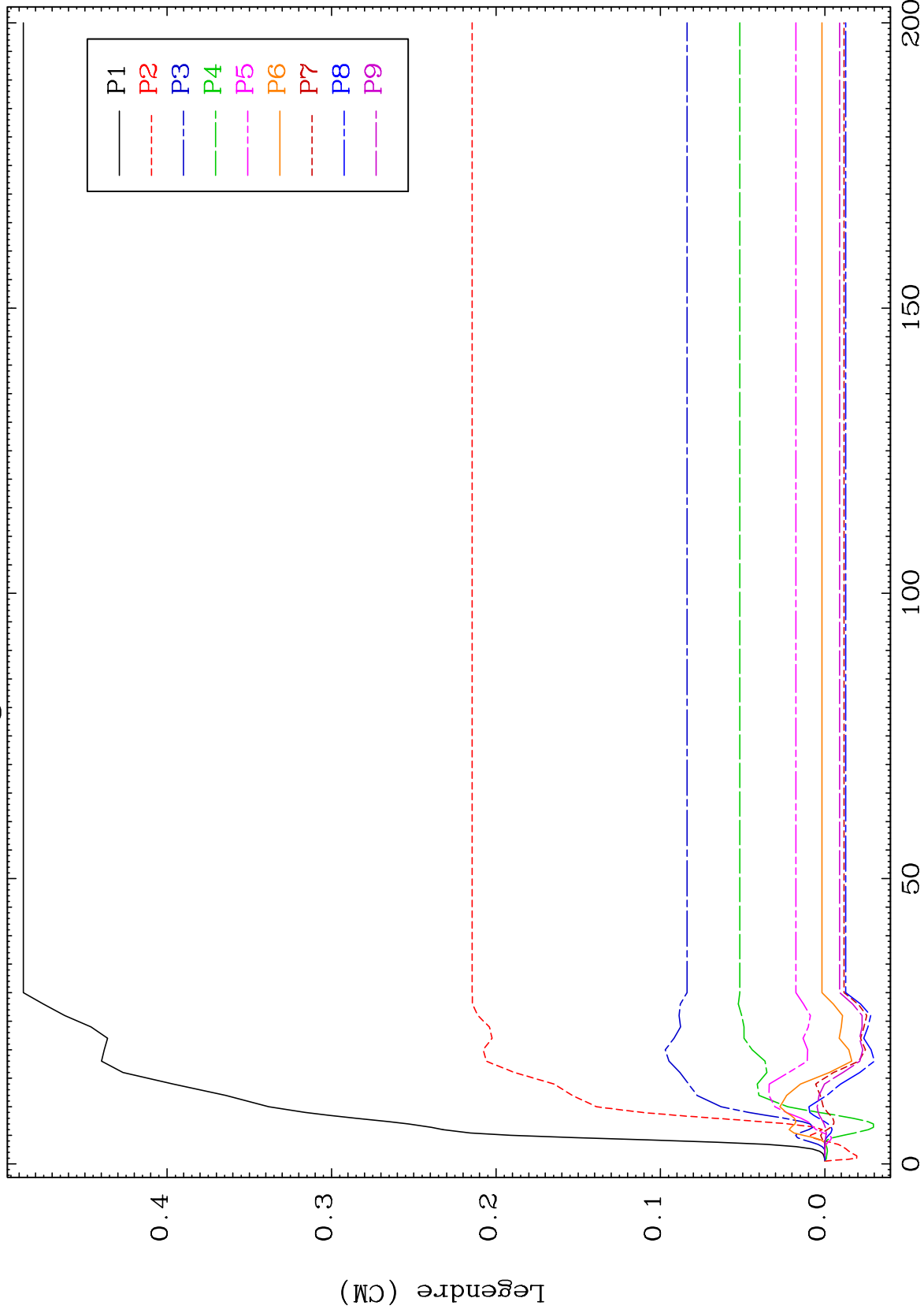
63



MAT 6852

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

68-Er-171



64

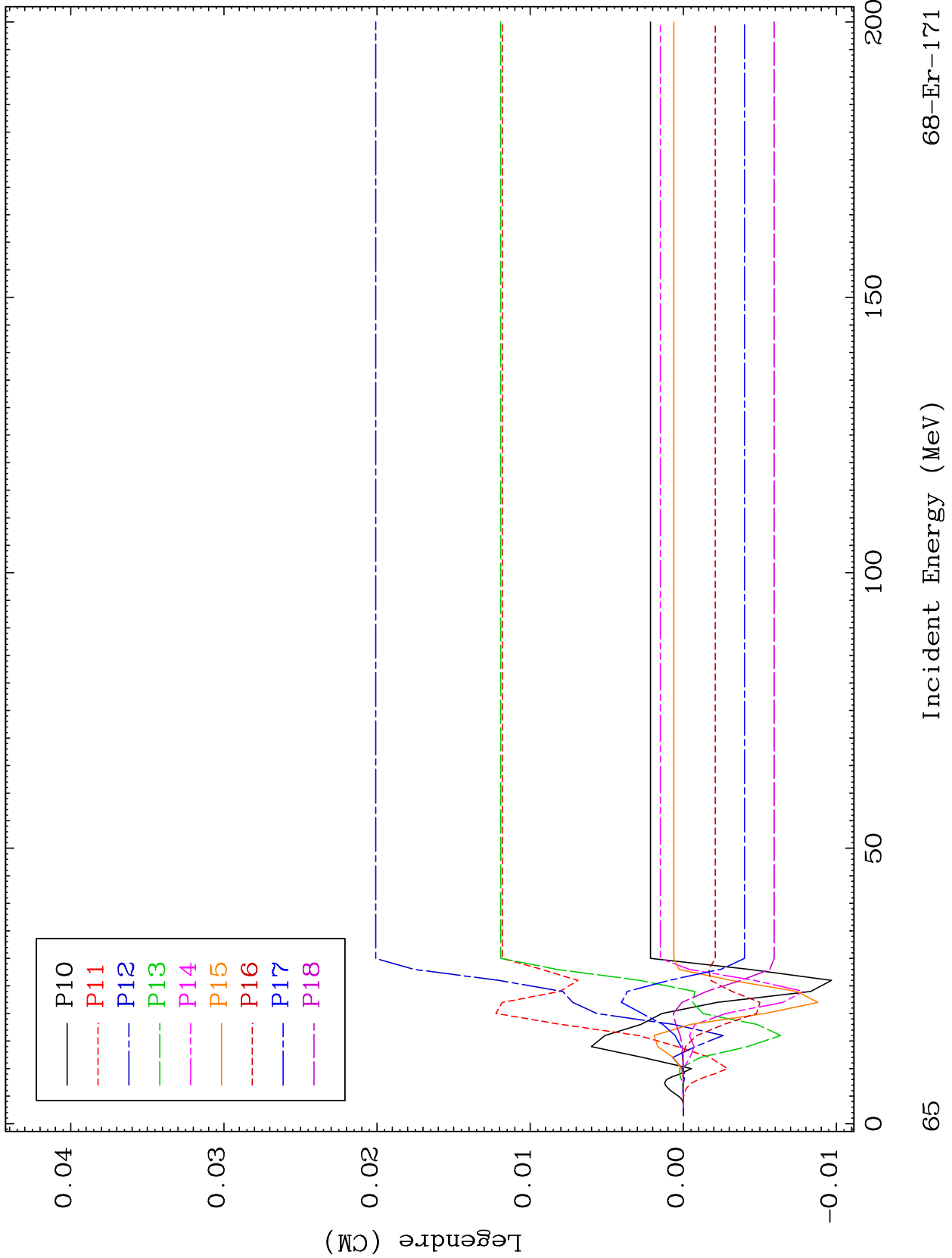
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



68-Er-171

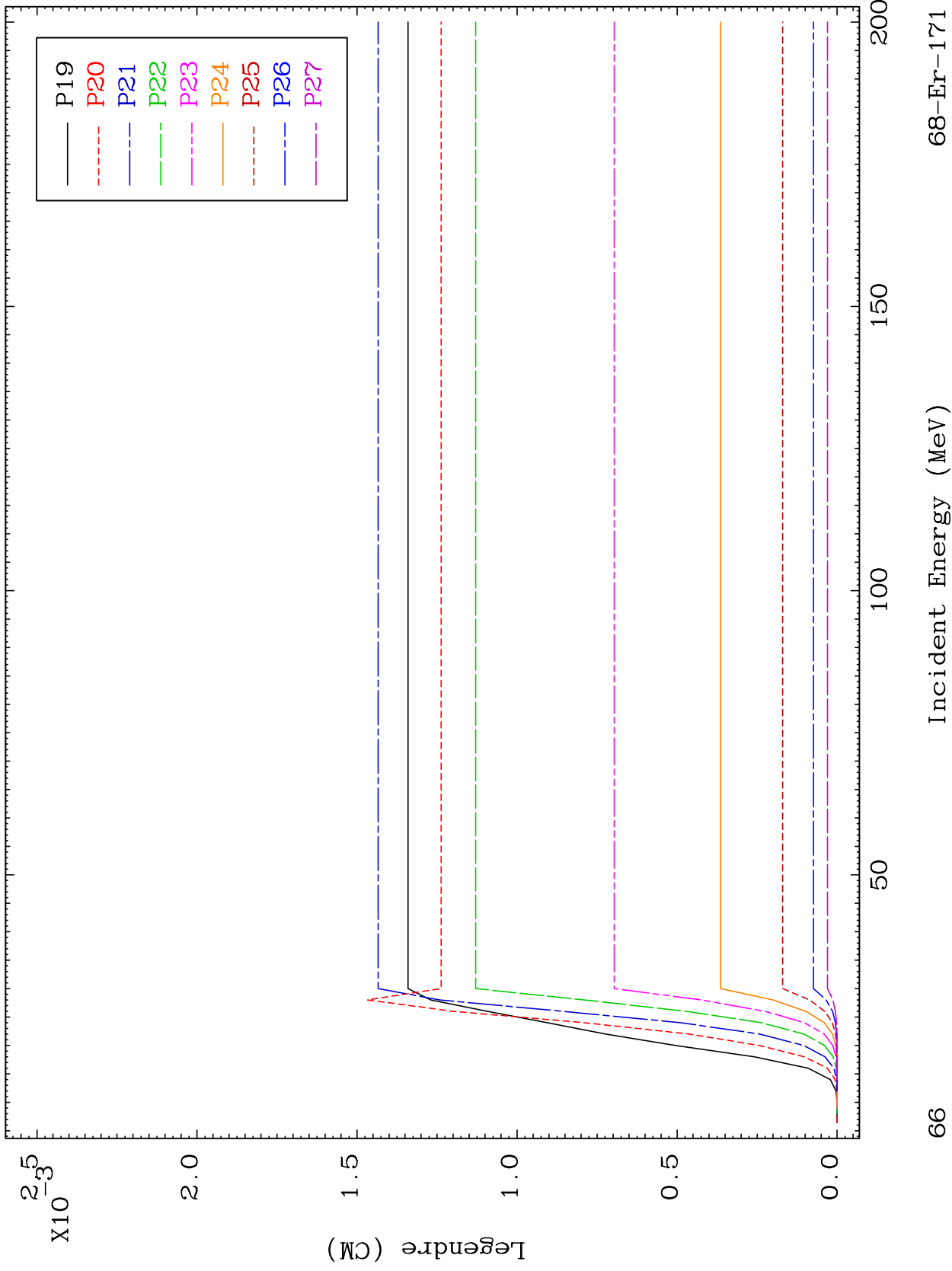
Incident Energy (MeV)

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MAT 6852

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

68-Er-171



66

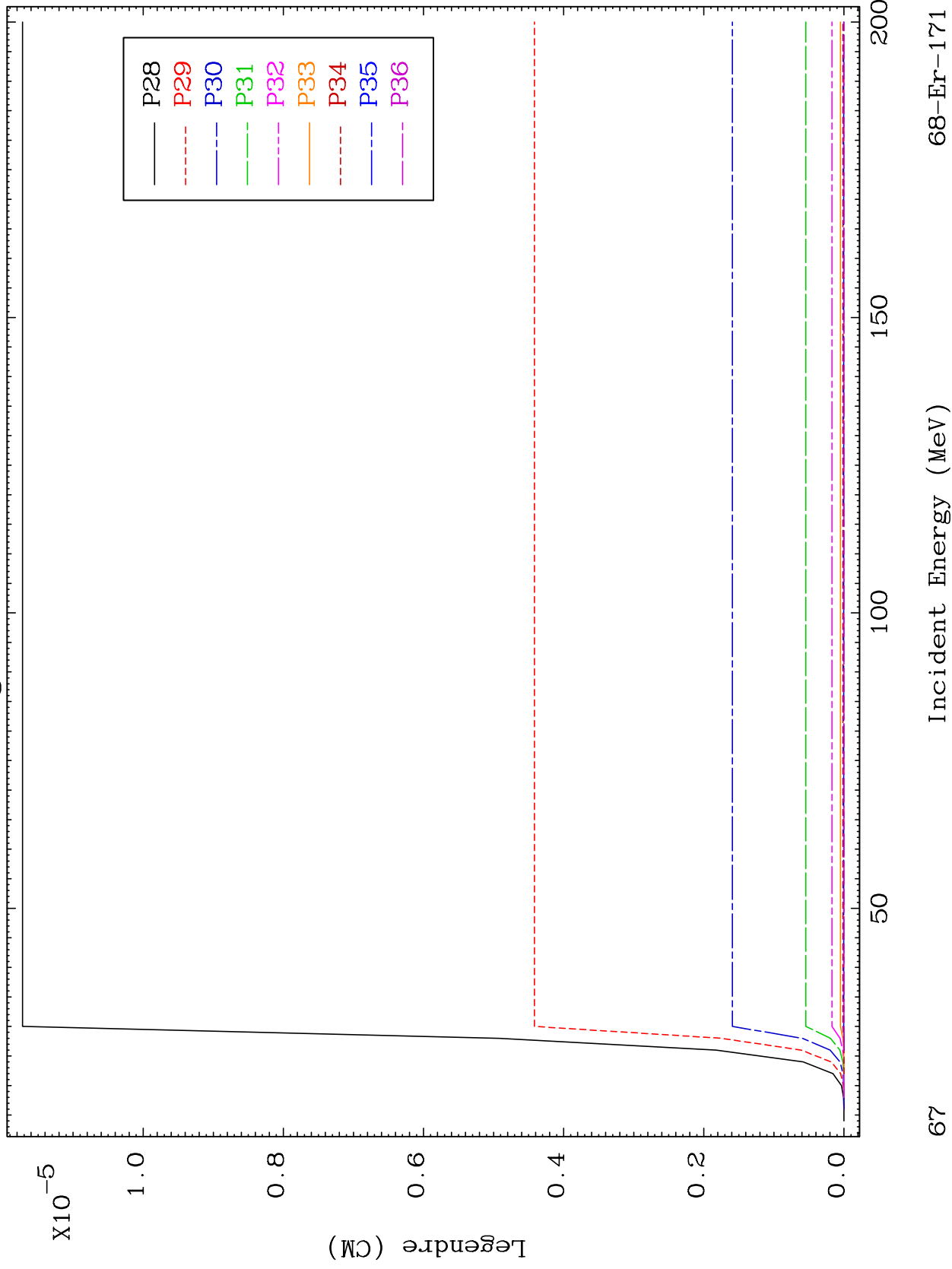
Incident Energy (MeV)

68-Er-171

MAT 6852

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

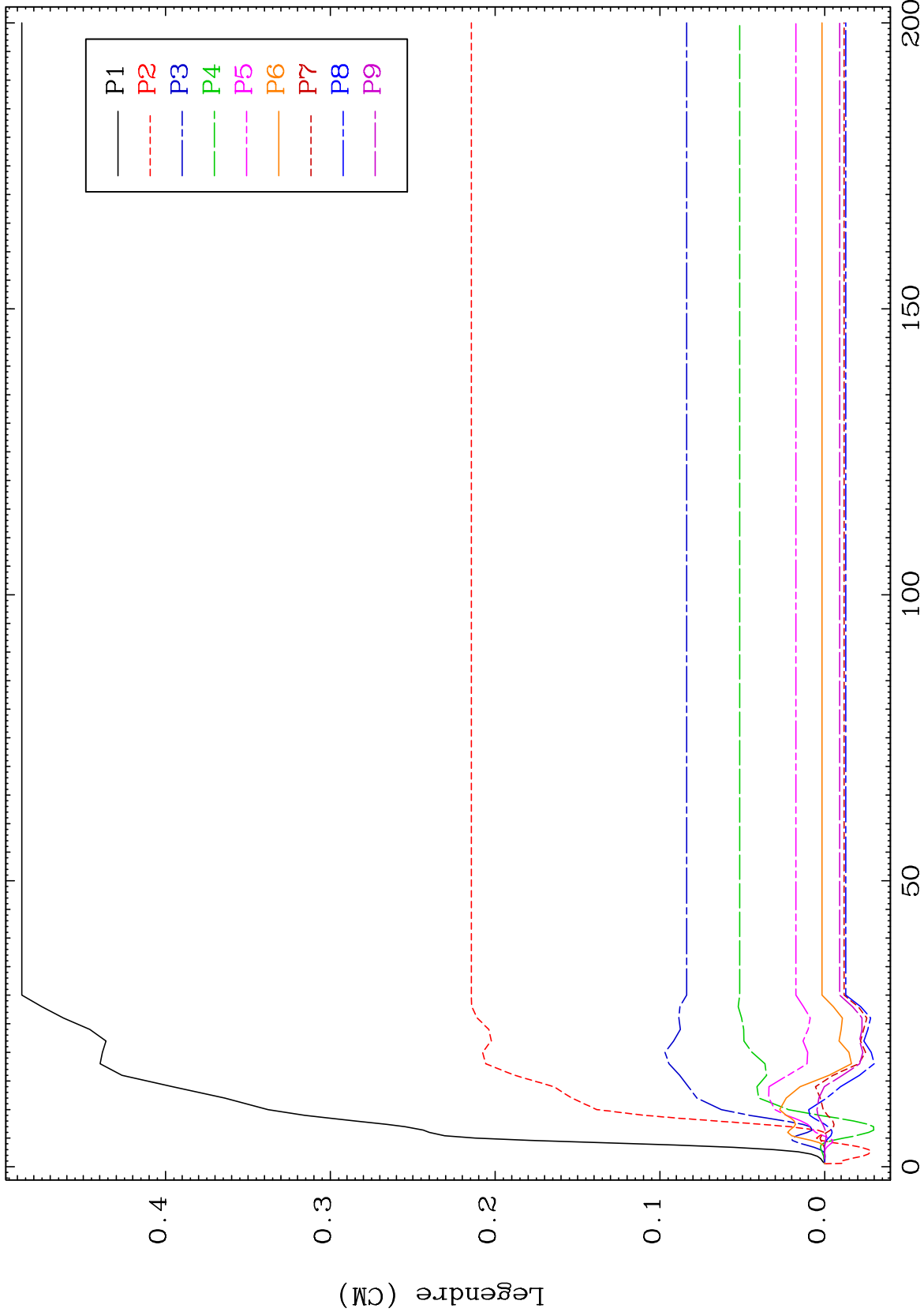
68-Er-171



MAT 6852

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

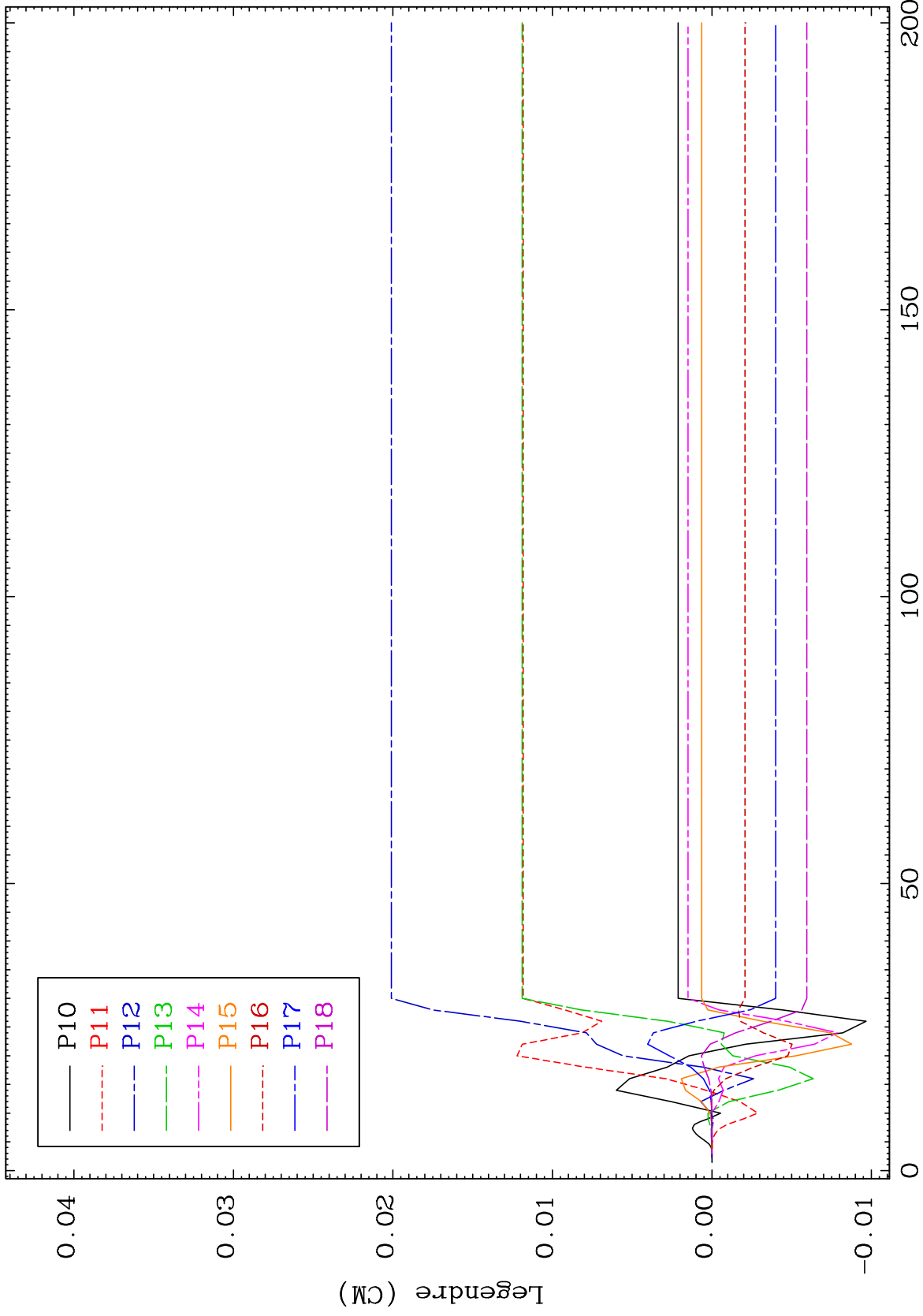
68-Er-171



68

Incident Energy (MeV)

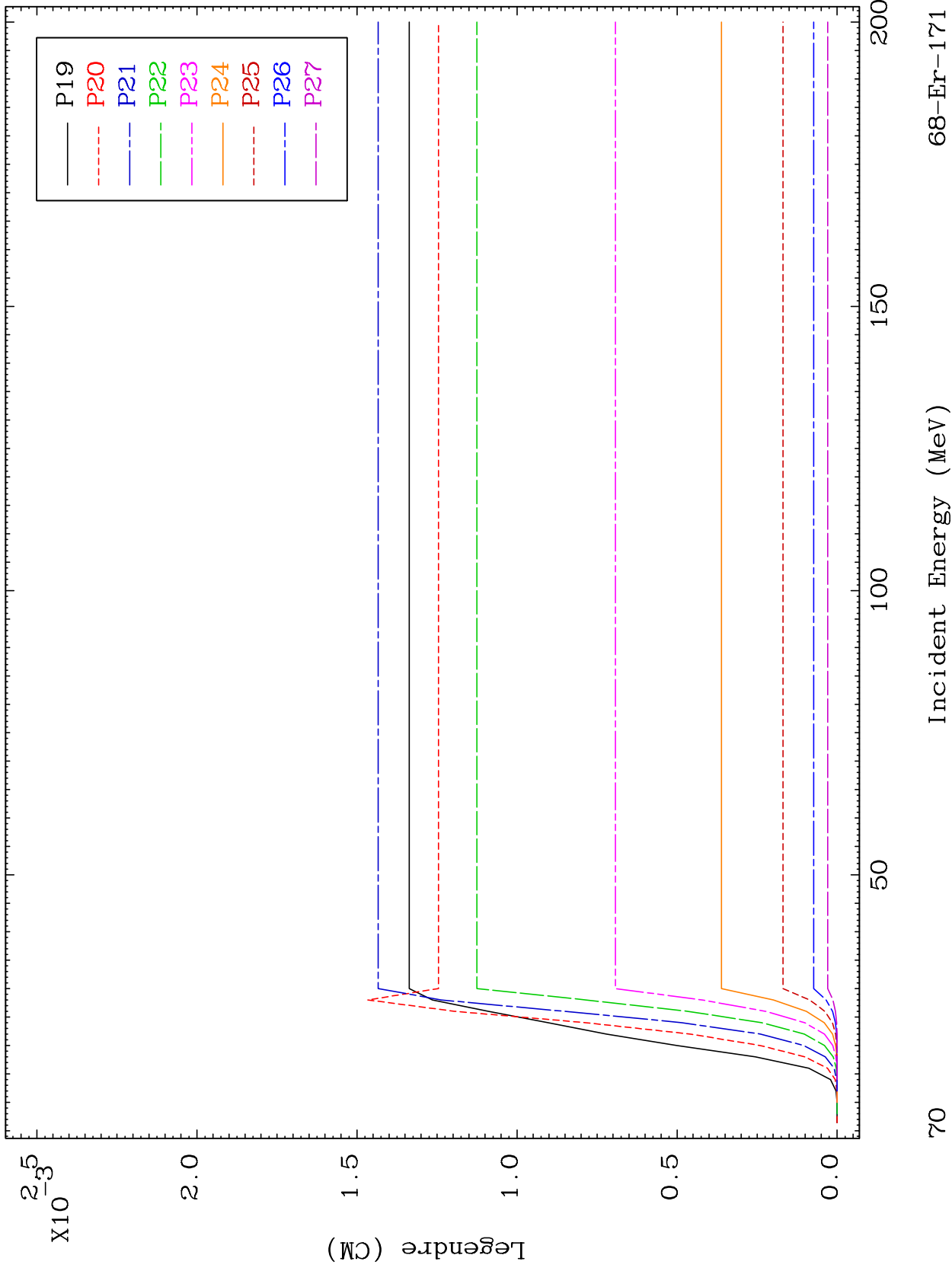
68-Er-171



MAT 6852

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

68-Er-171



70

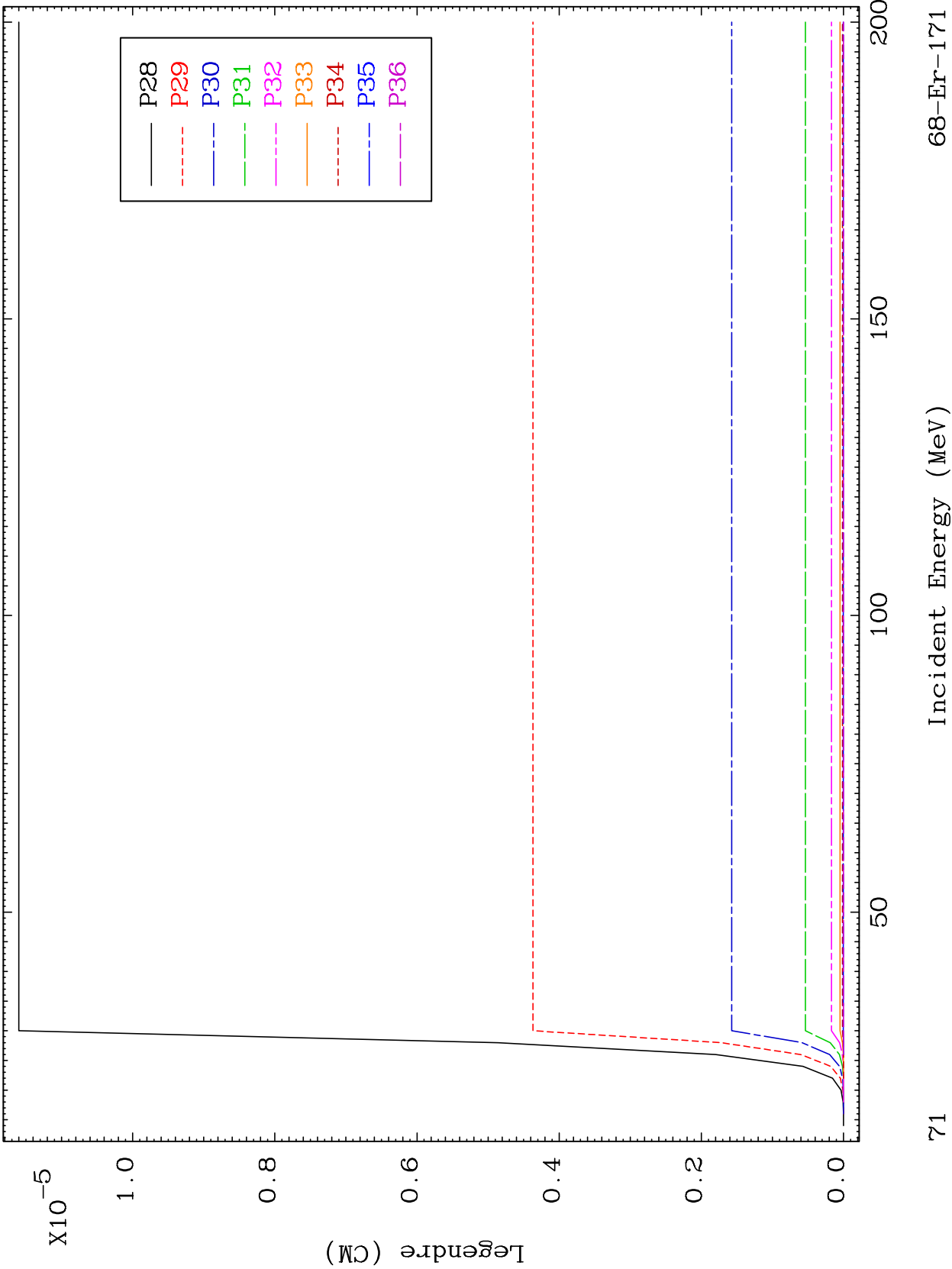
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



71

Incident Energy (MeV)

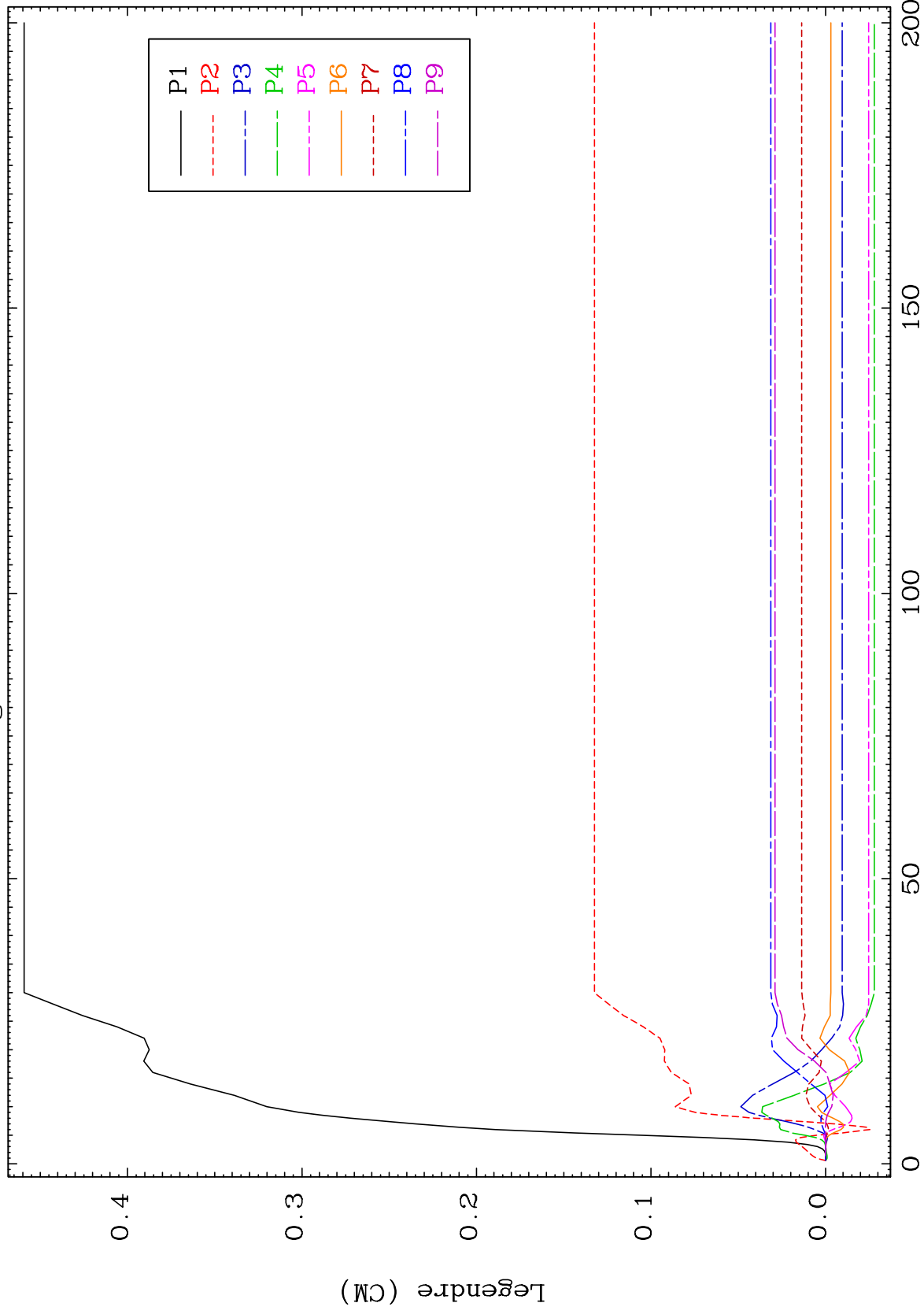
68-Er-171



MAT 6852

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

68-Er-171



72

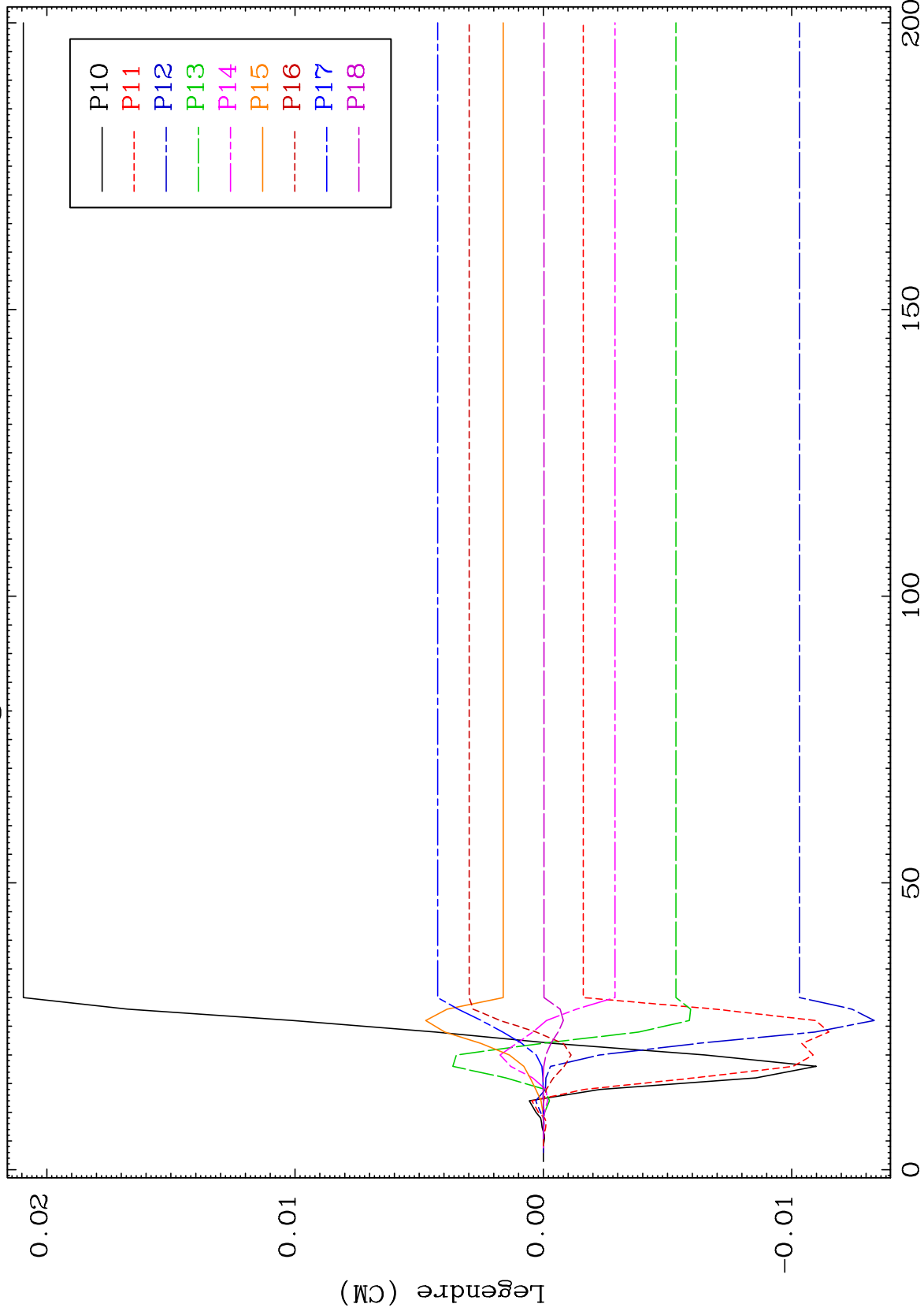
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



73

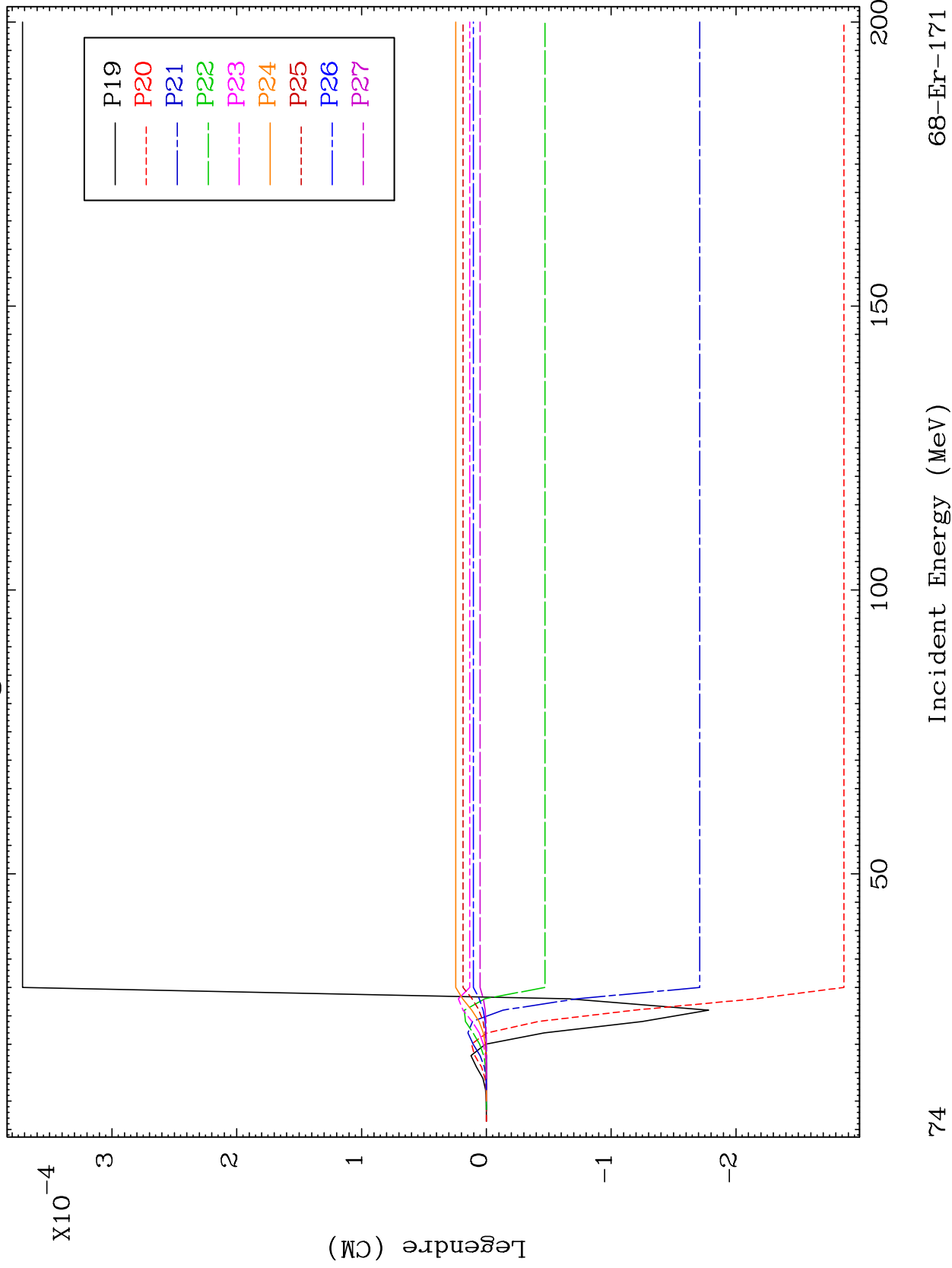
Incident Energy (MeV)

68-Er-171

MAT 6852

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

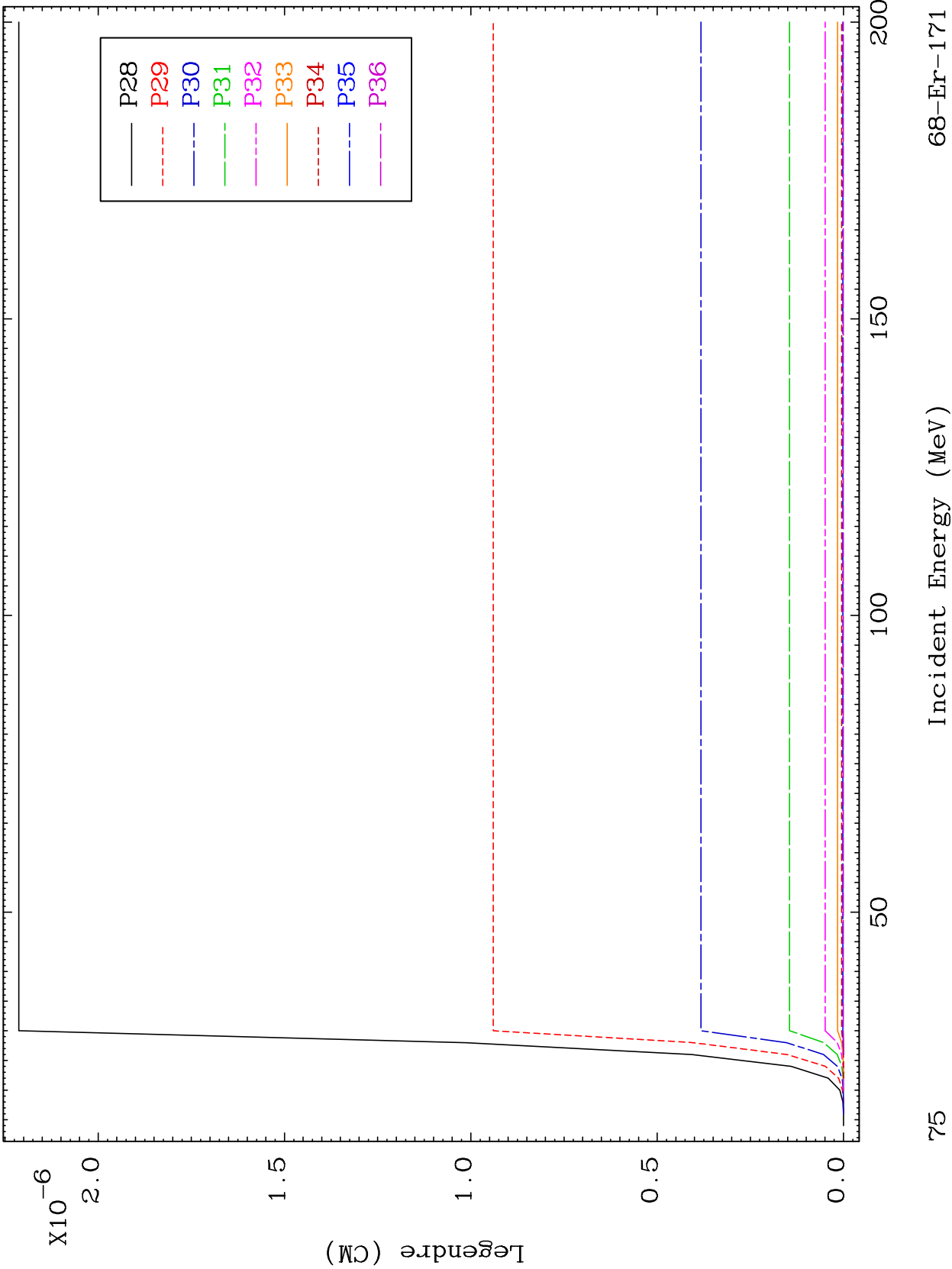
68-Er-171



MAT 6852

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

68-Er-171



75

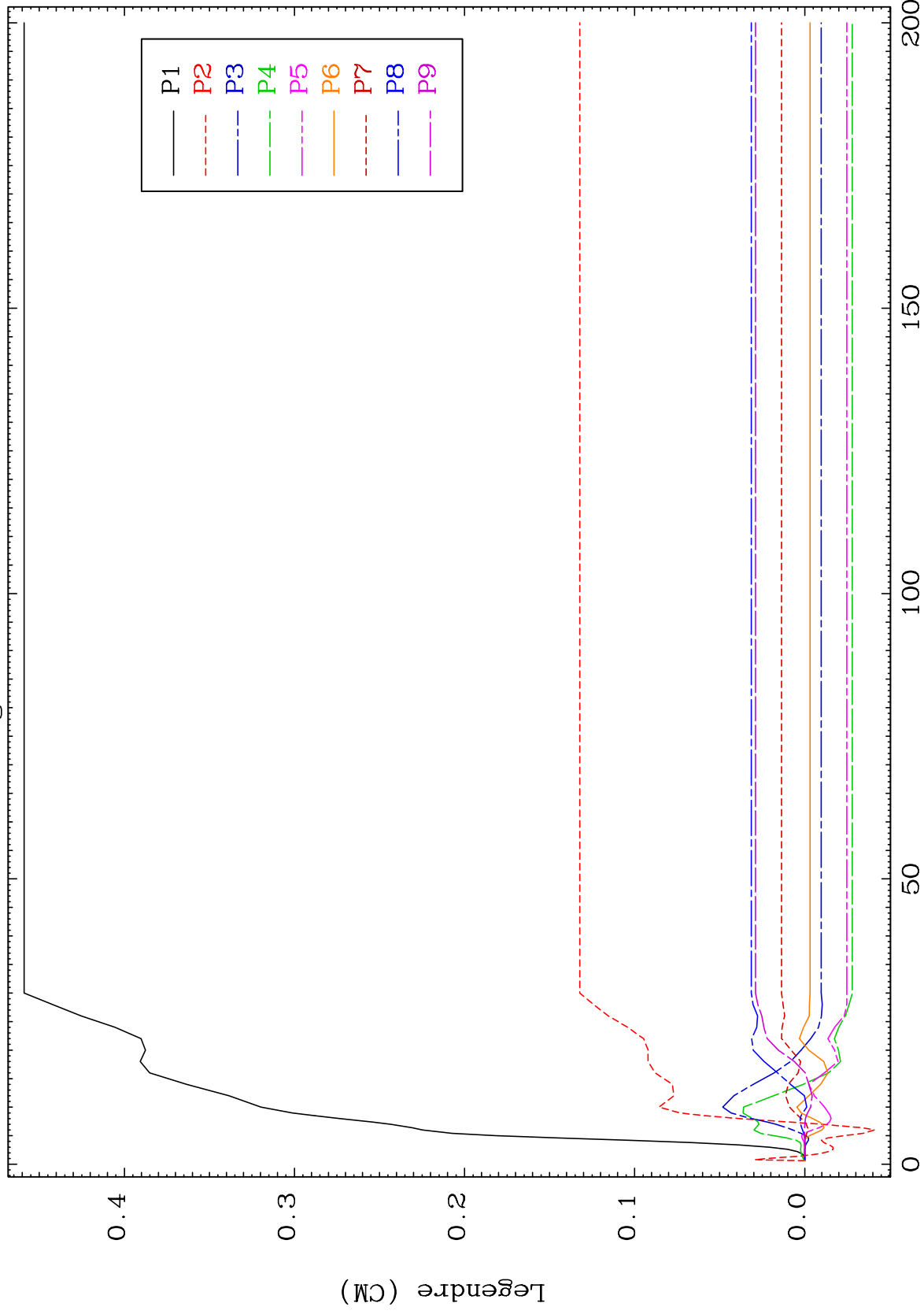
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



76

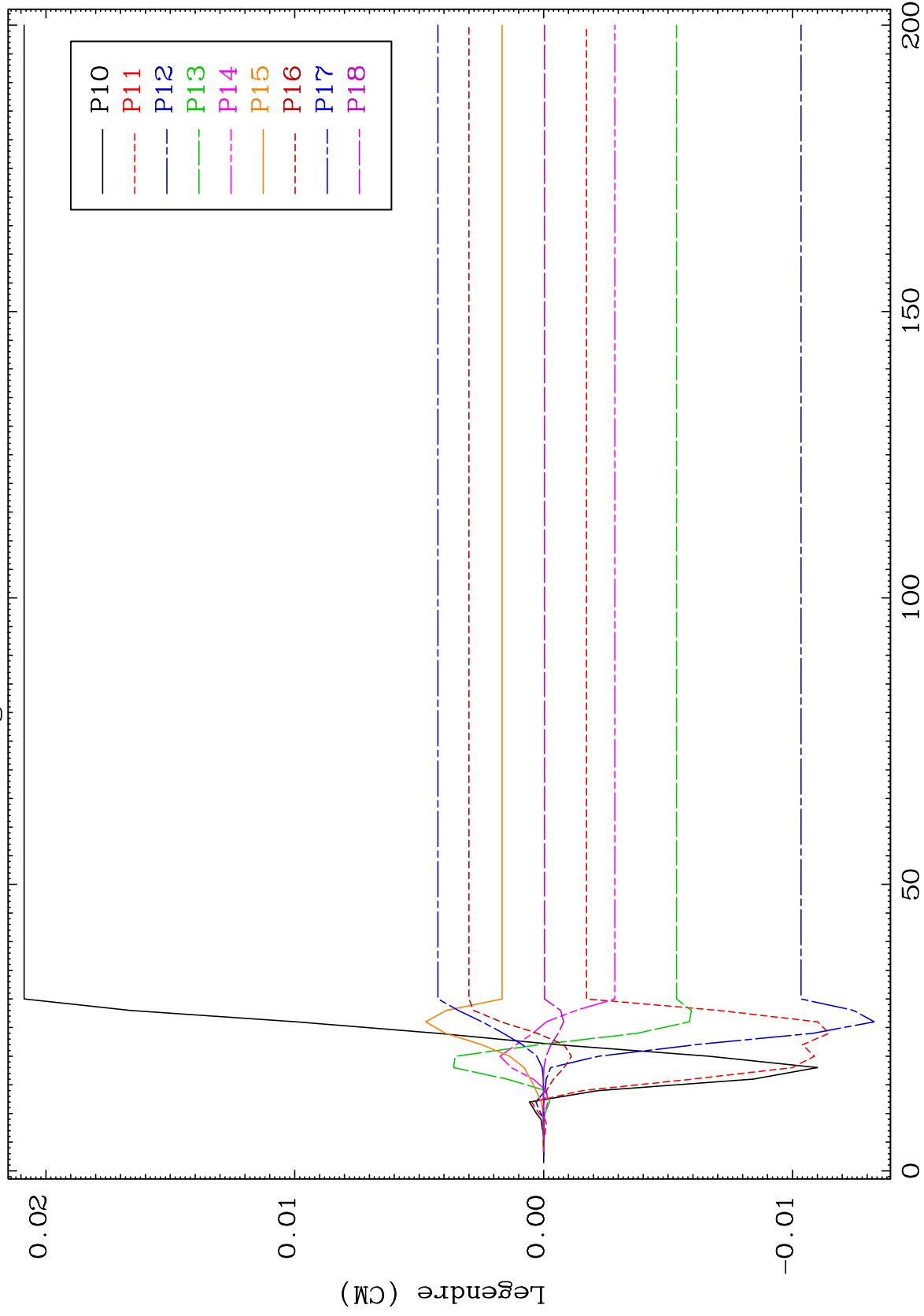
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



77

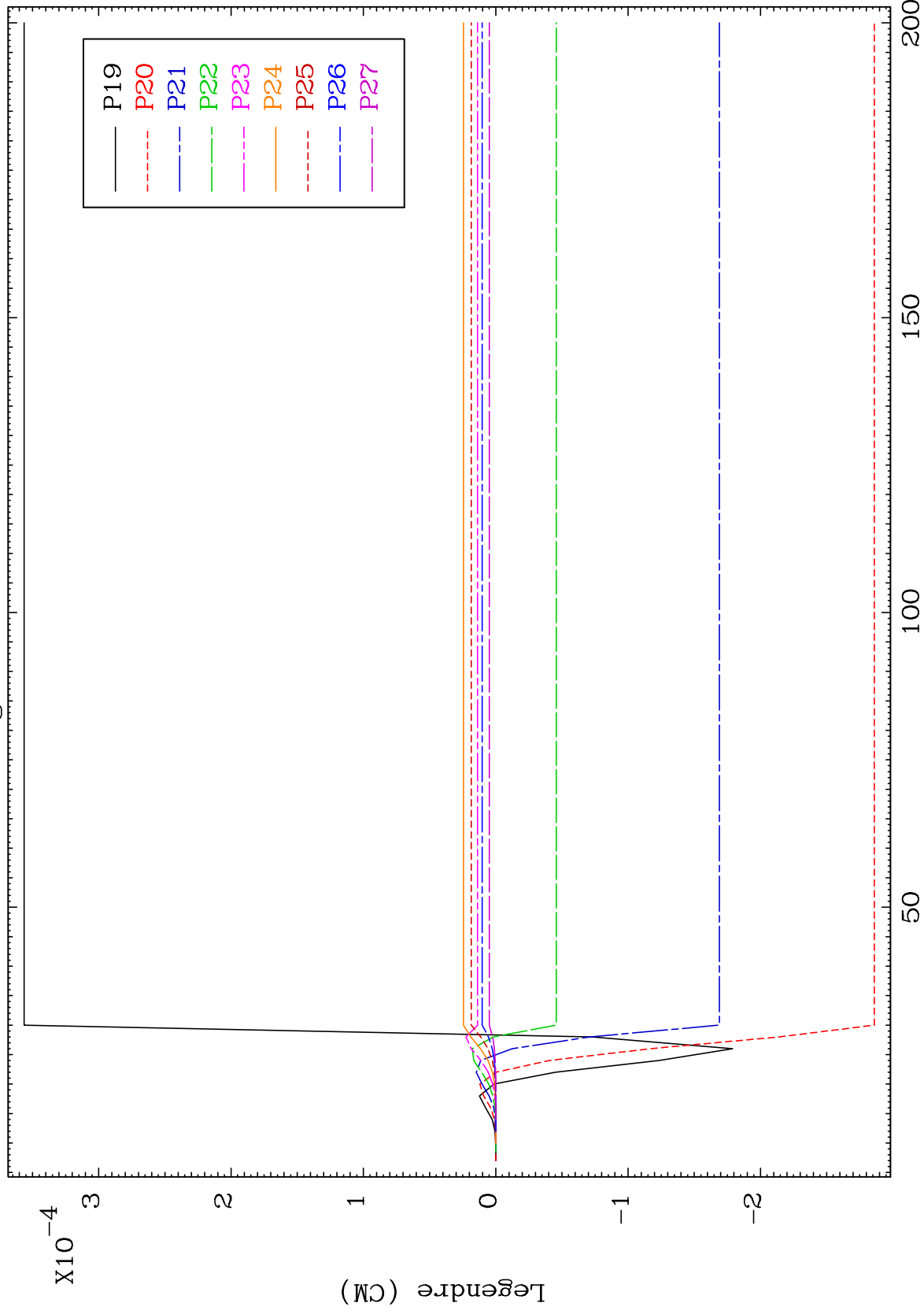
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



78

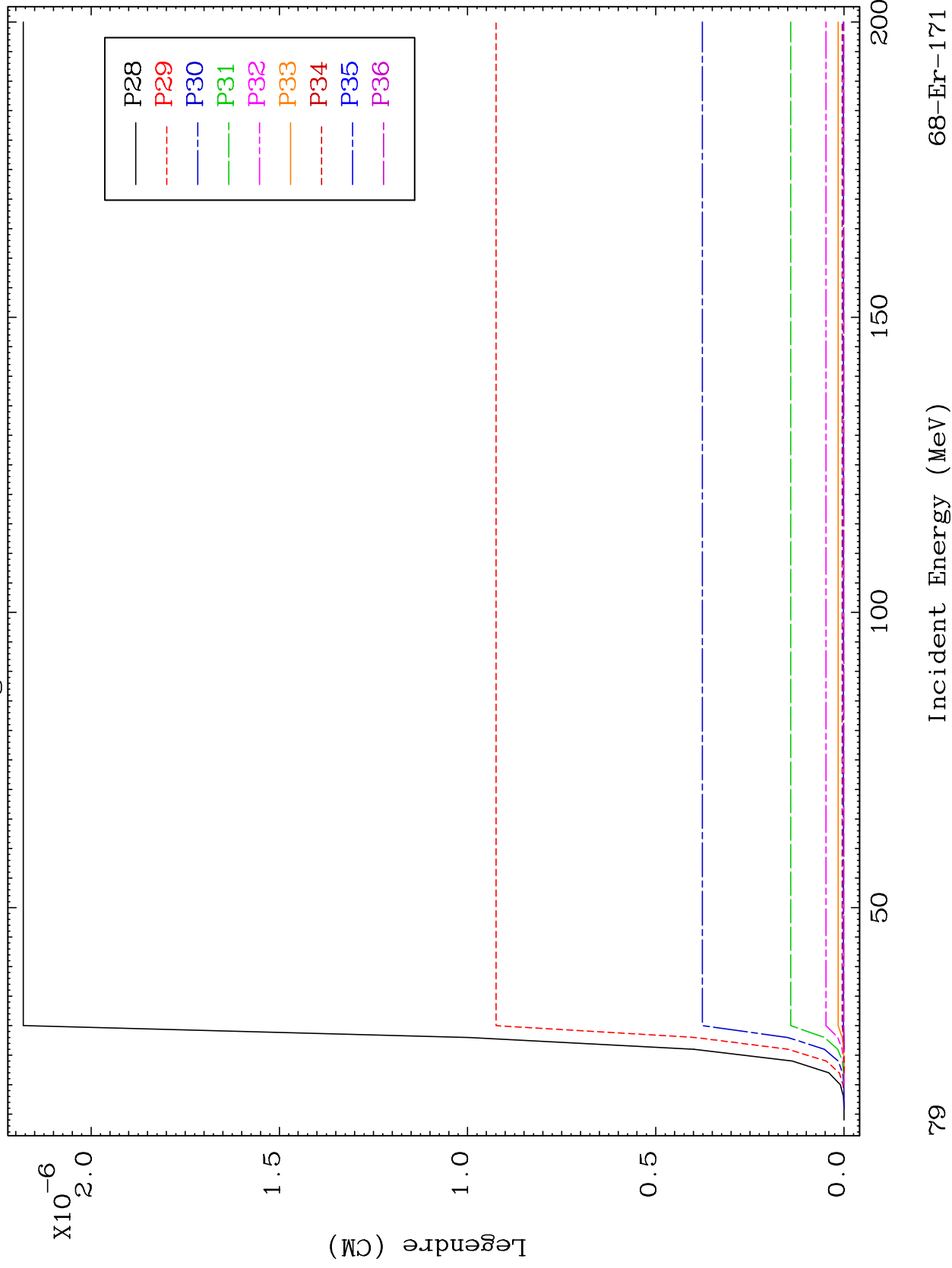
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171

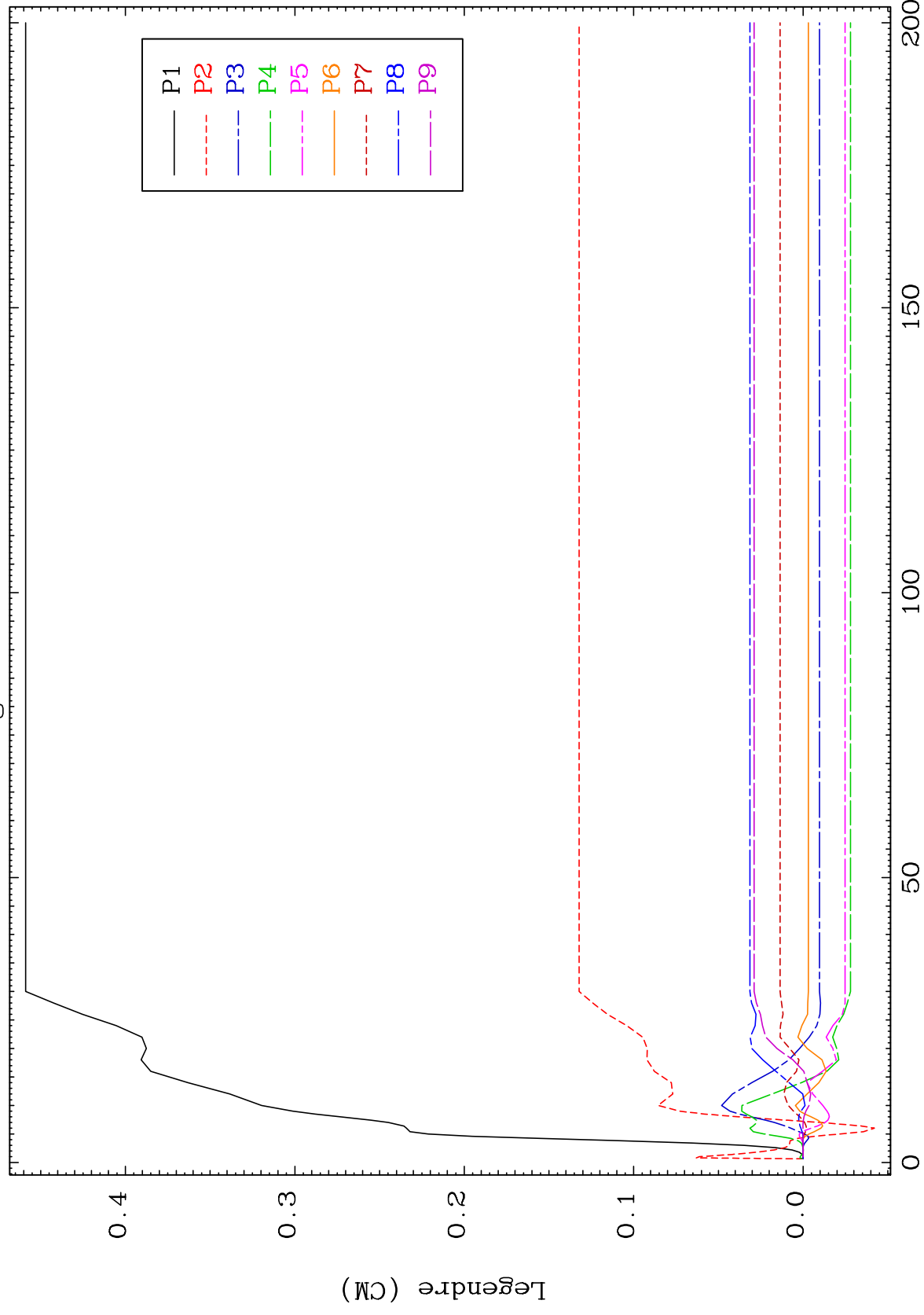




MAT 6852

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

68-Er-171



68-Er-171

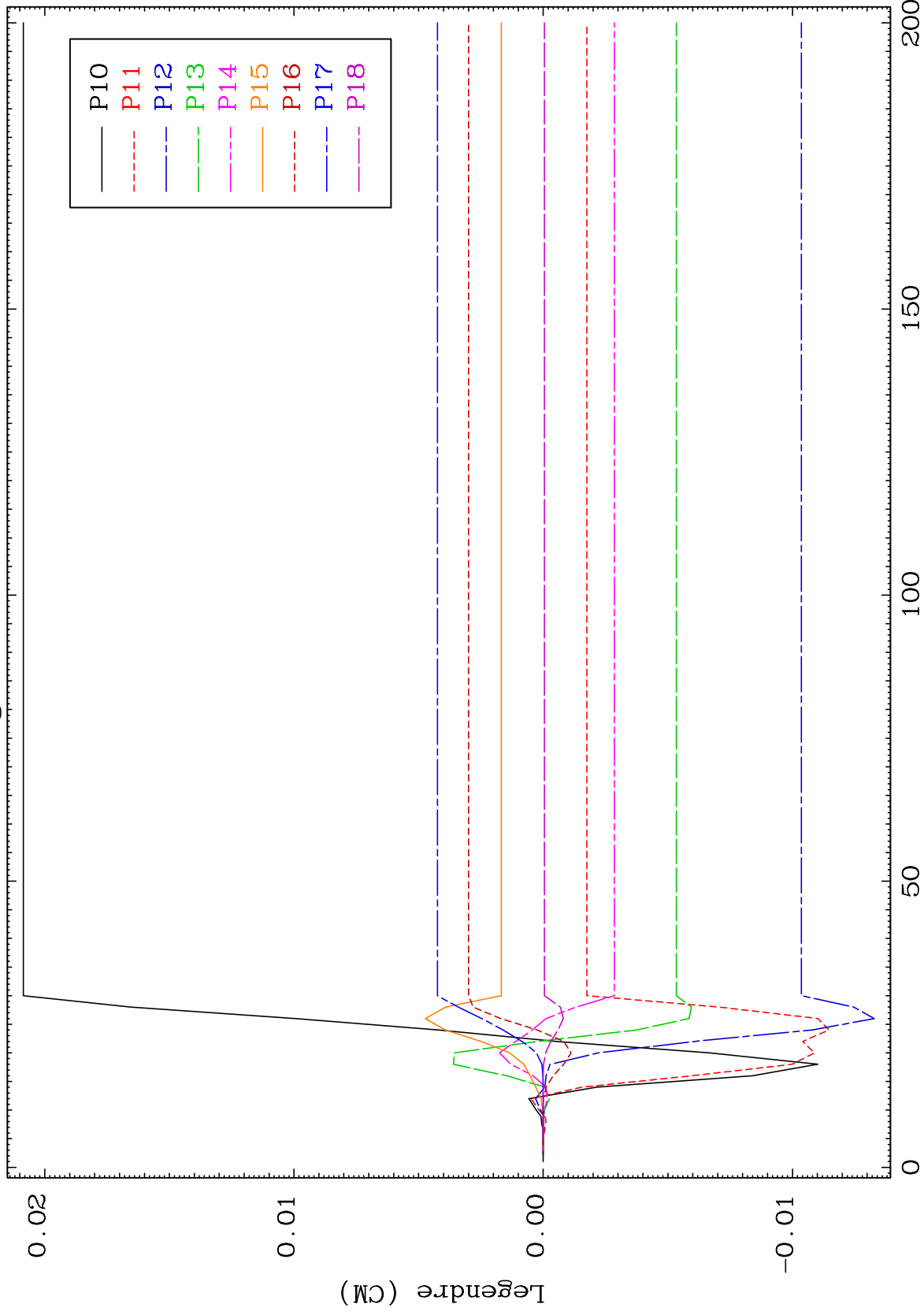
Incident Energy (MeV)

80

MAT 6852

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

68-Er-171



81

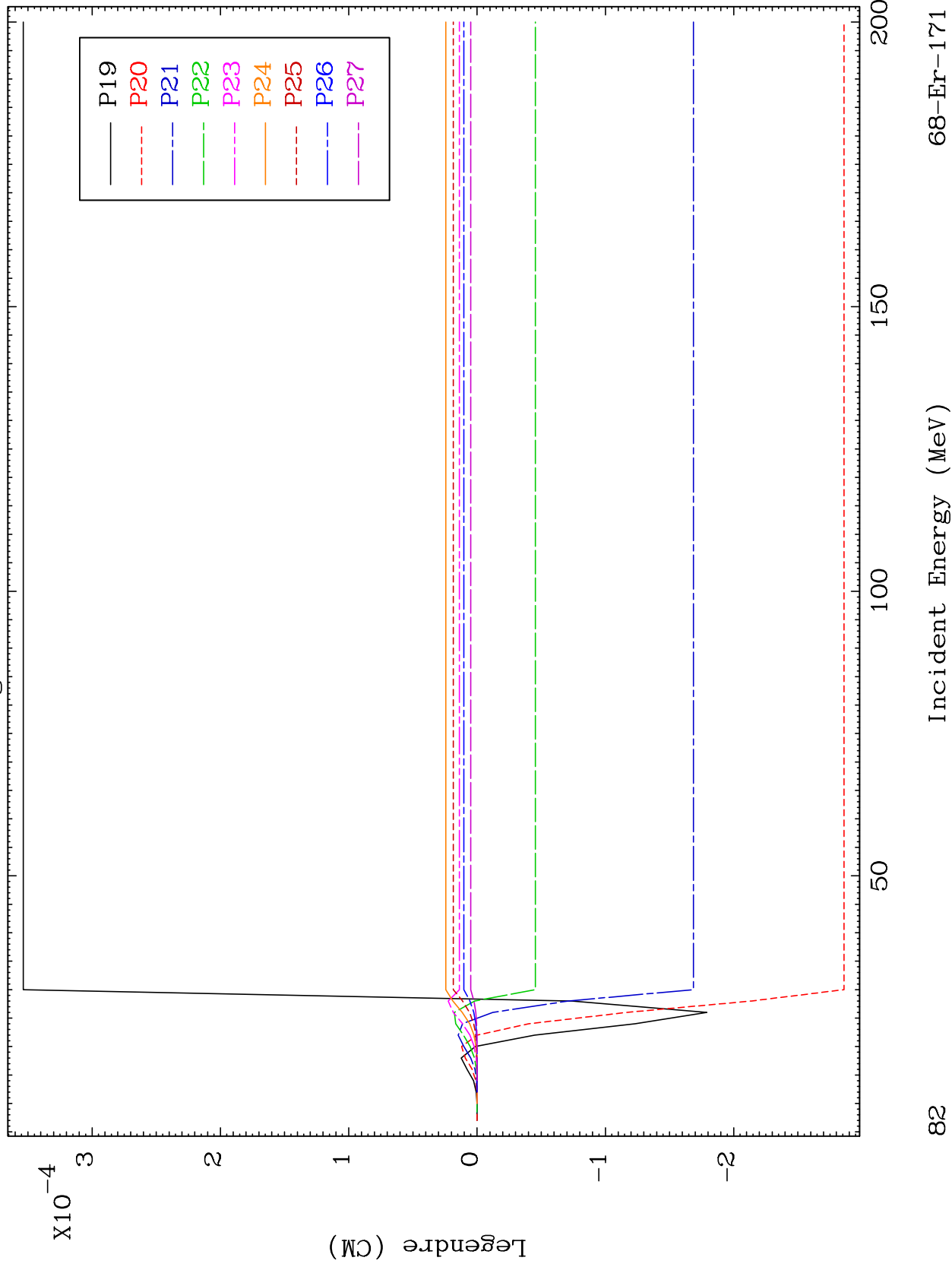
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171

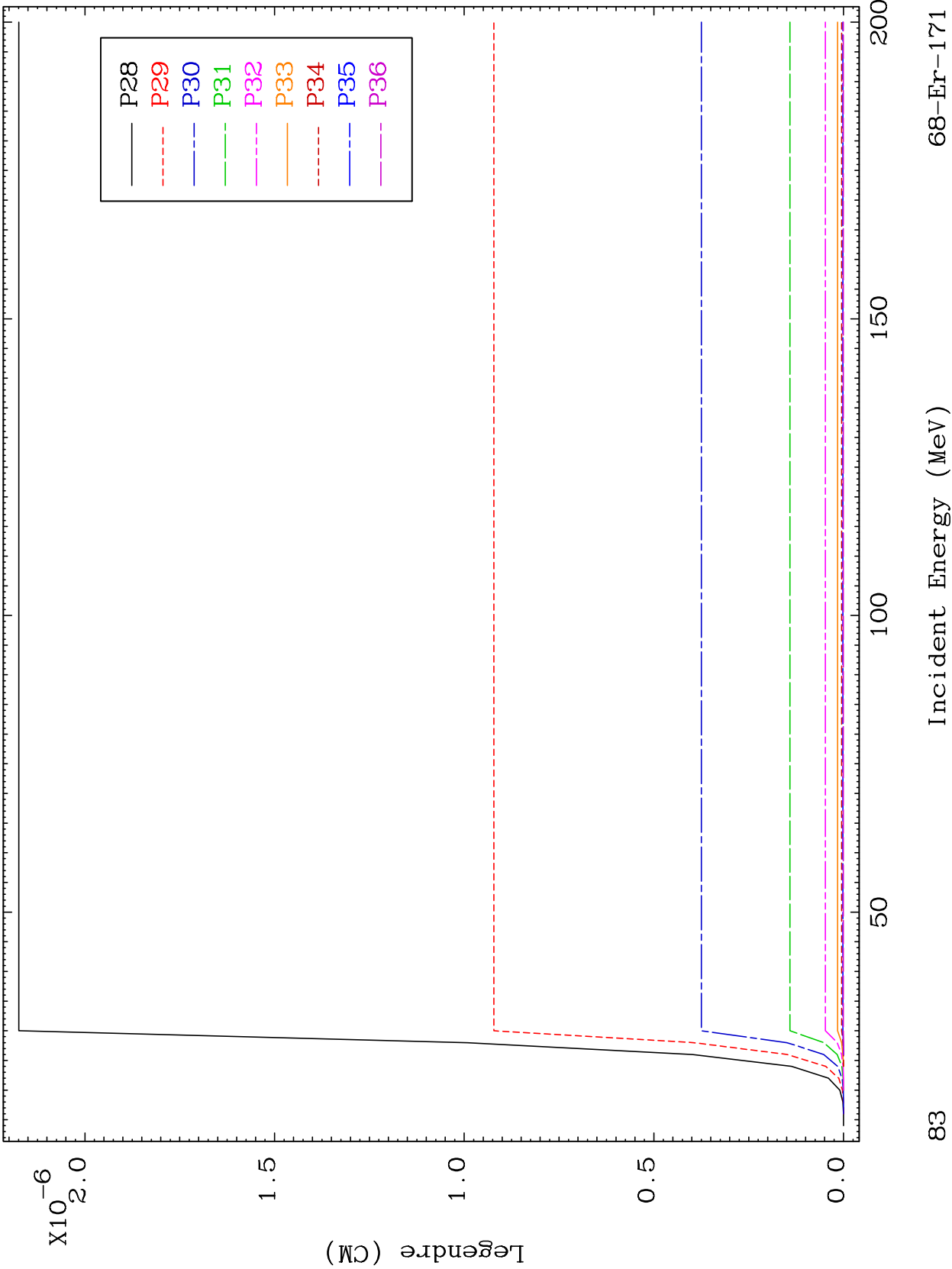


82

MAT 6852

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

68-Er-171



83

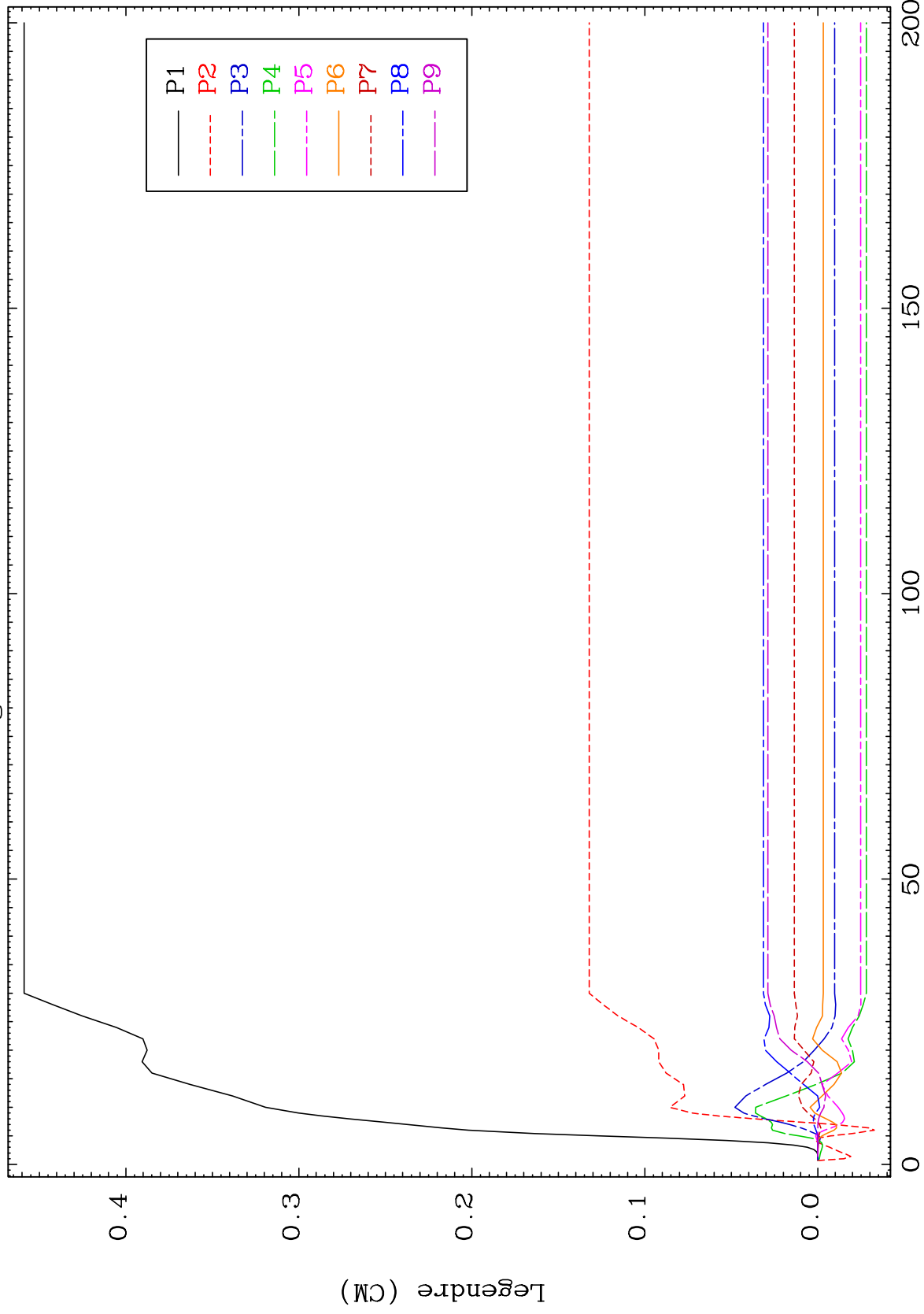
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



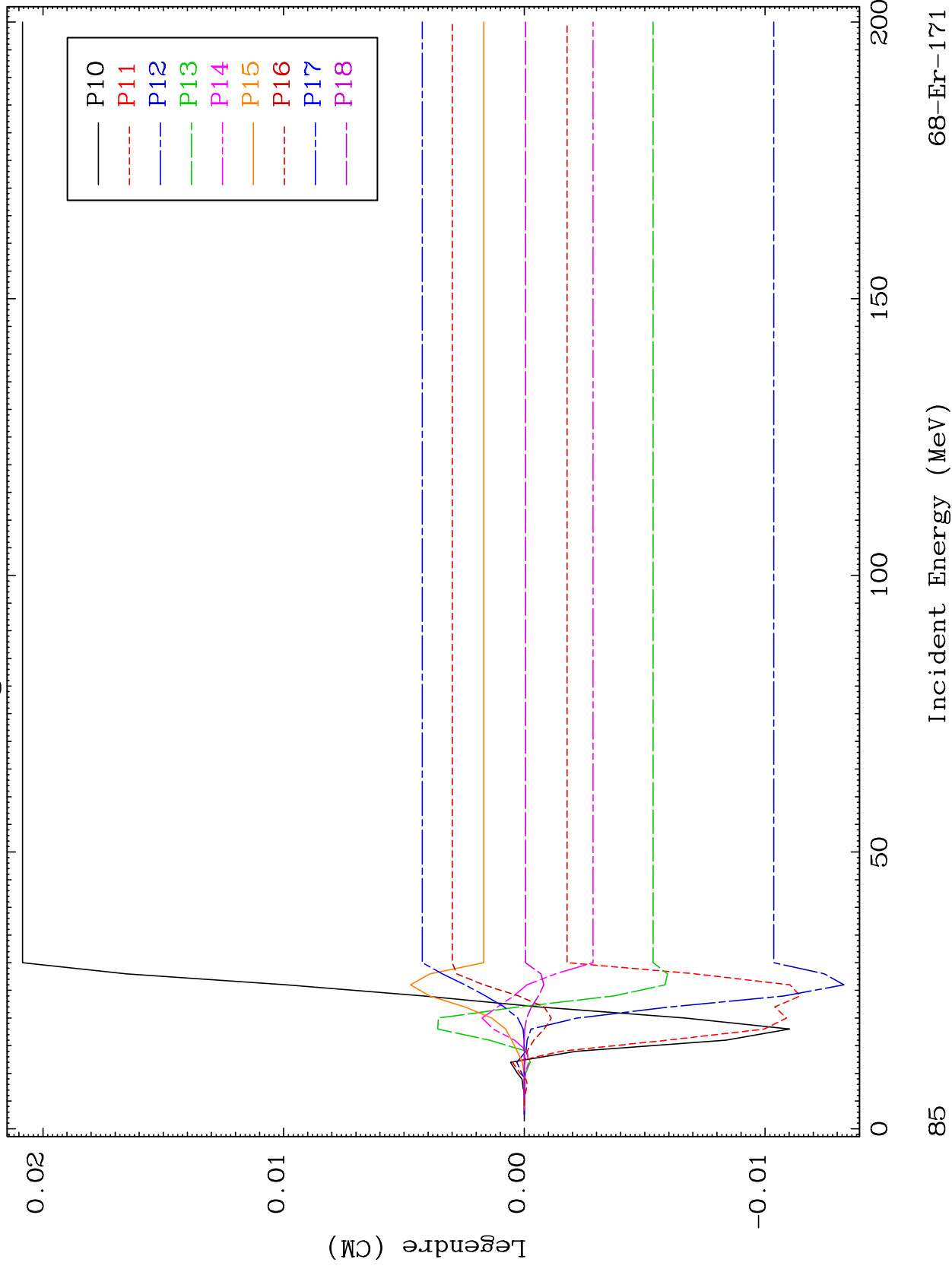
84

68-Er-171

MAT 6852

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

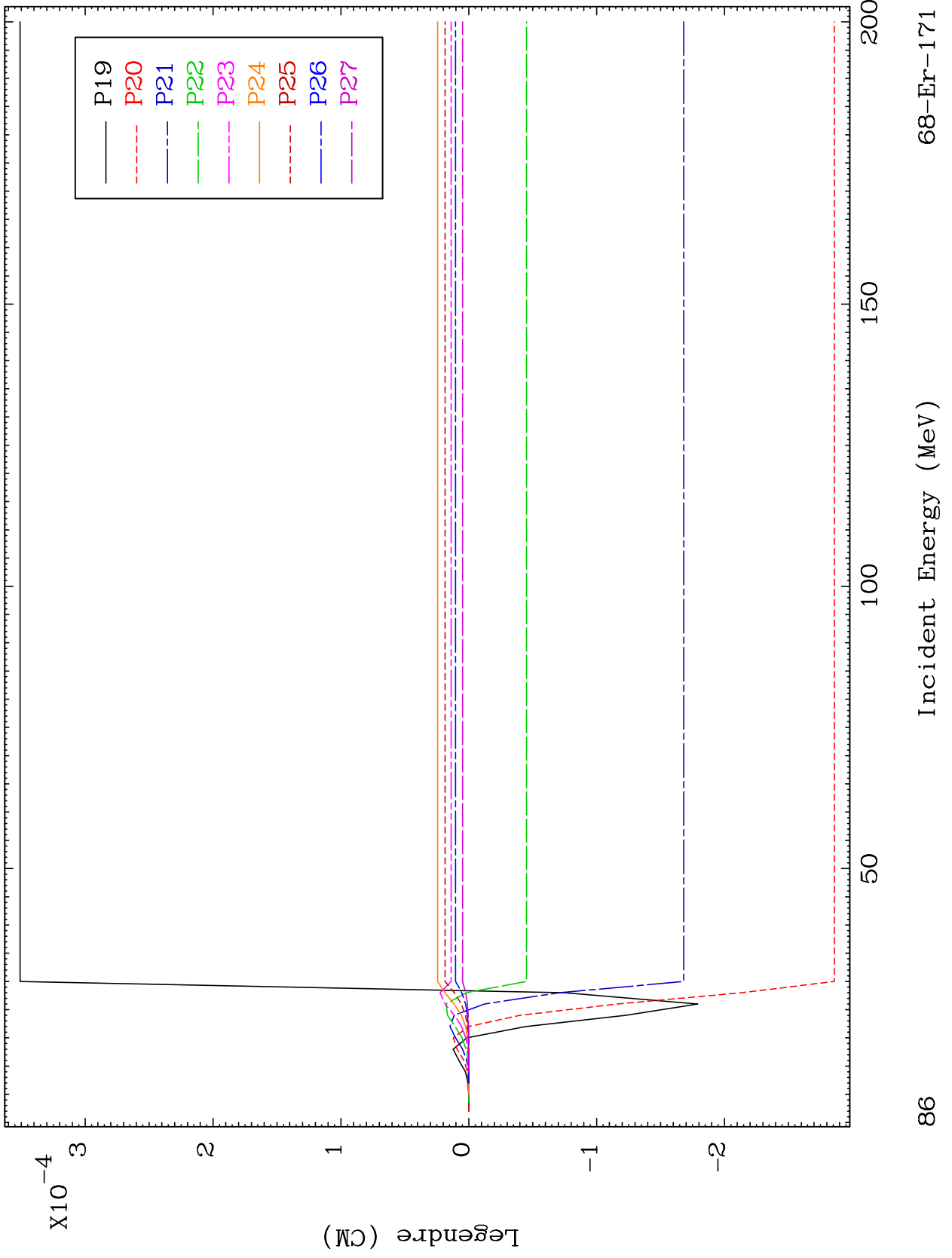
68-Er-171



85

Incident Energy (MeV)

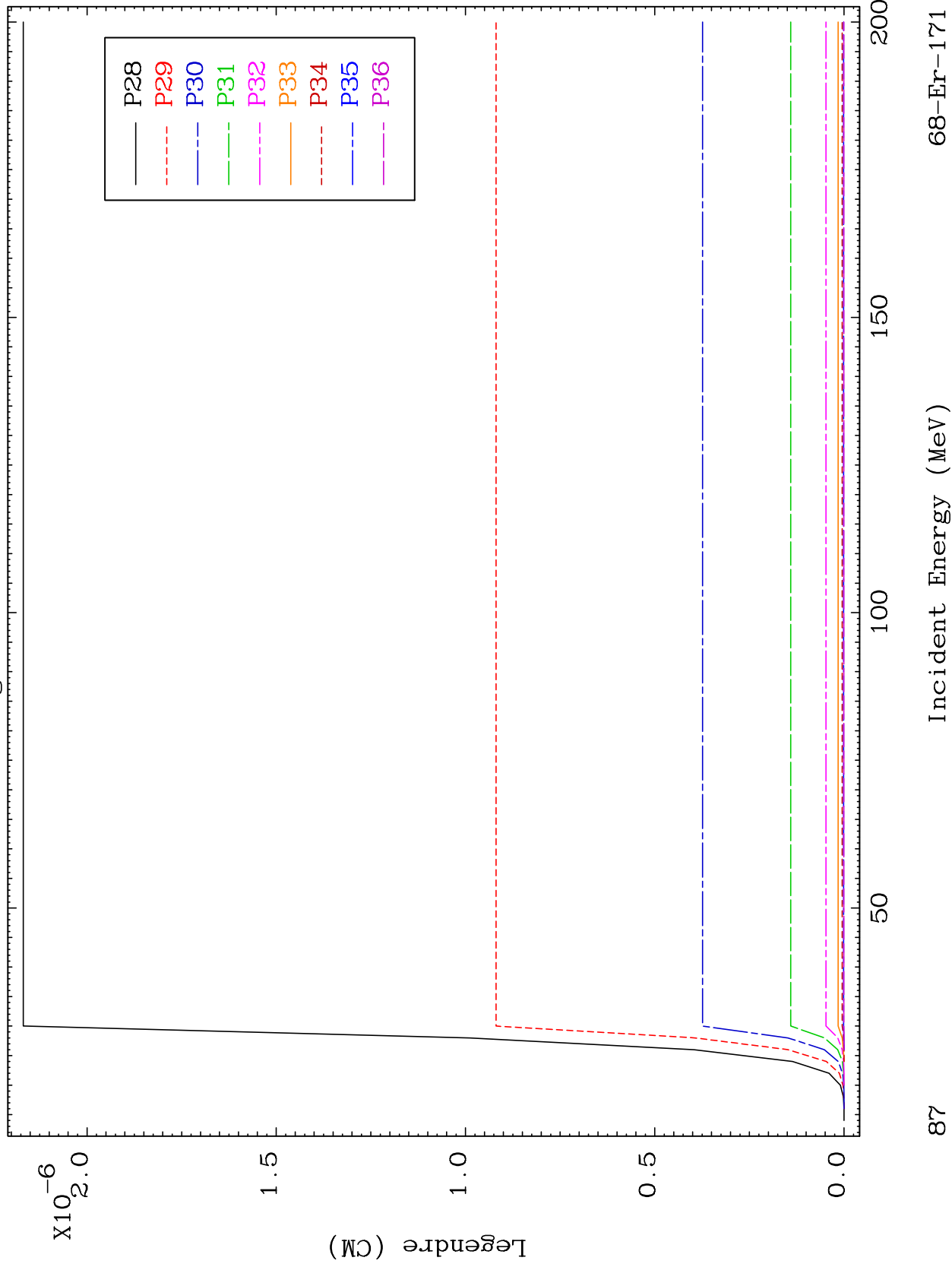
68-Er-171



MAT 6852

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

68-Er-171

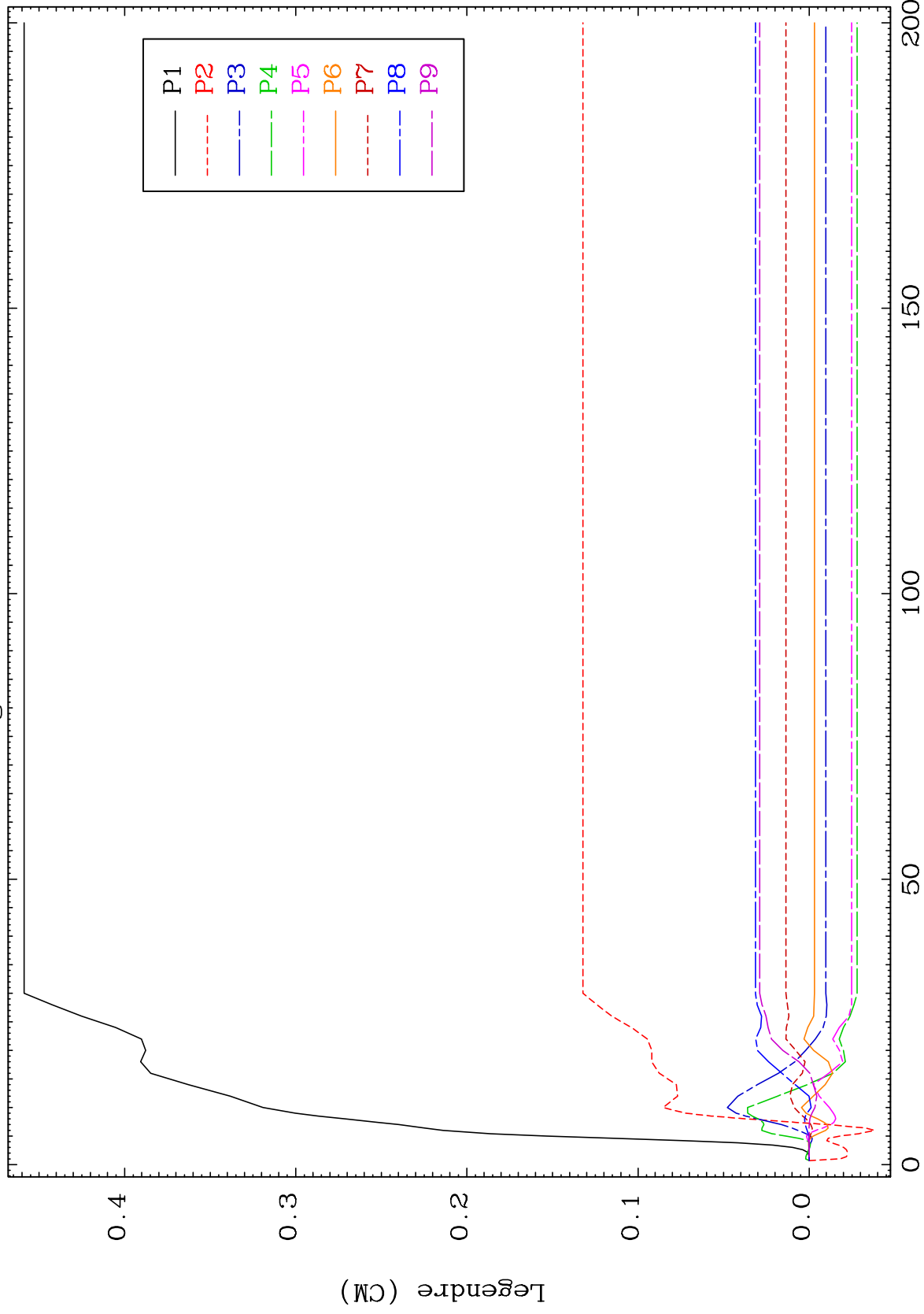




MAT 6852

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

68-Er-171



88

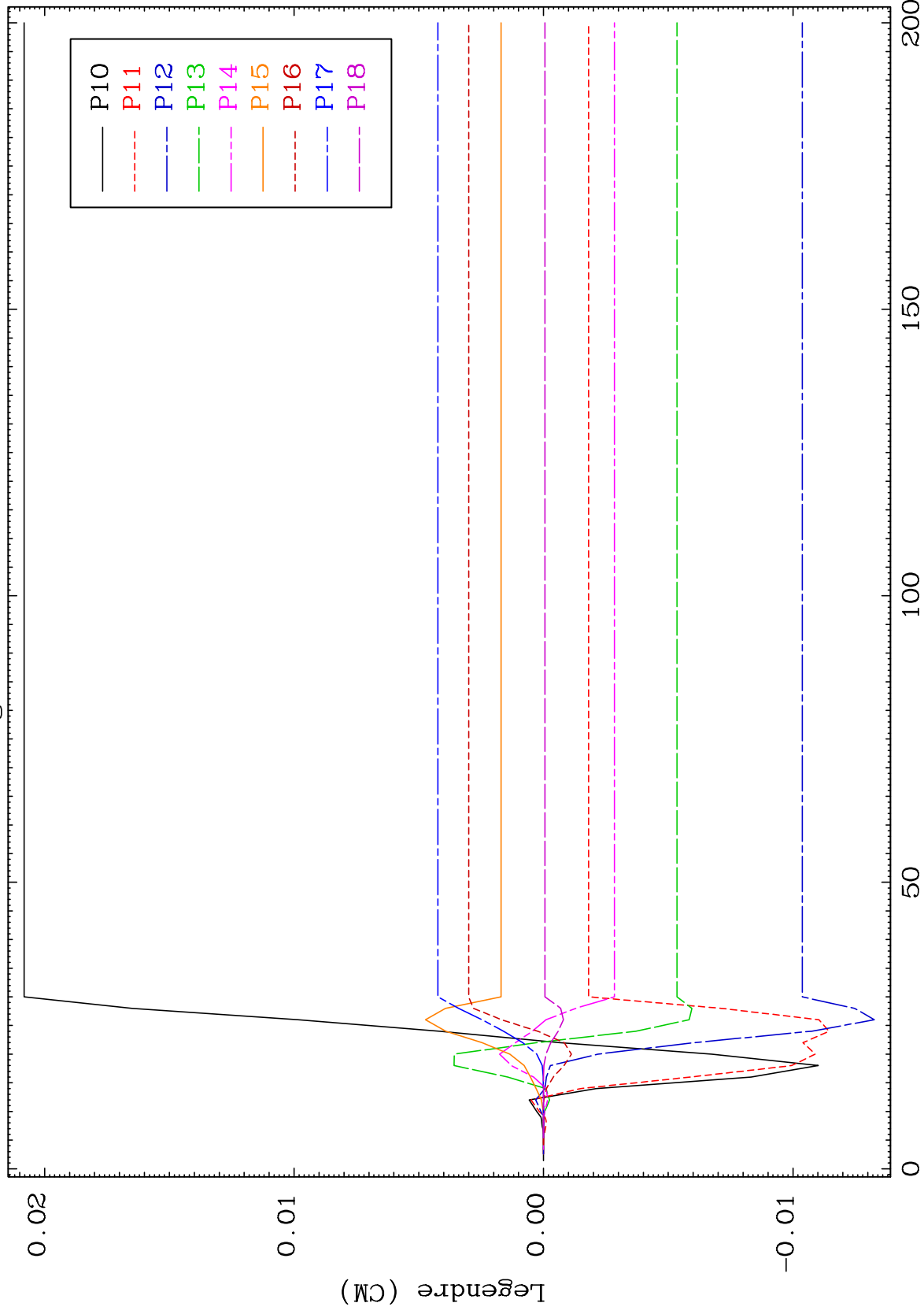
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



89

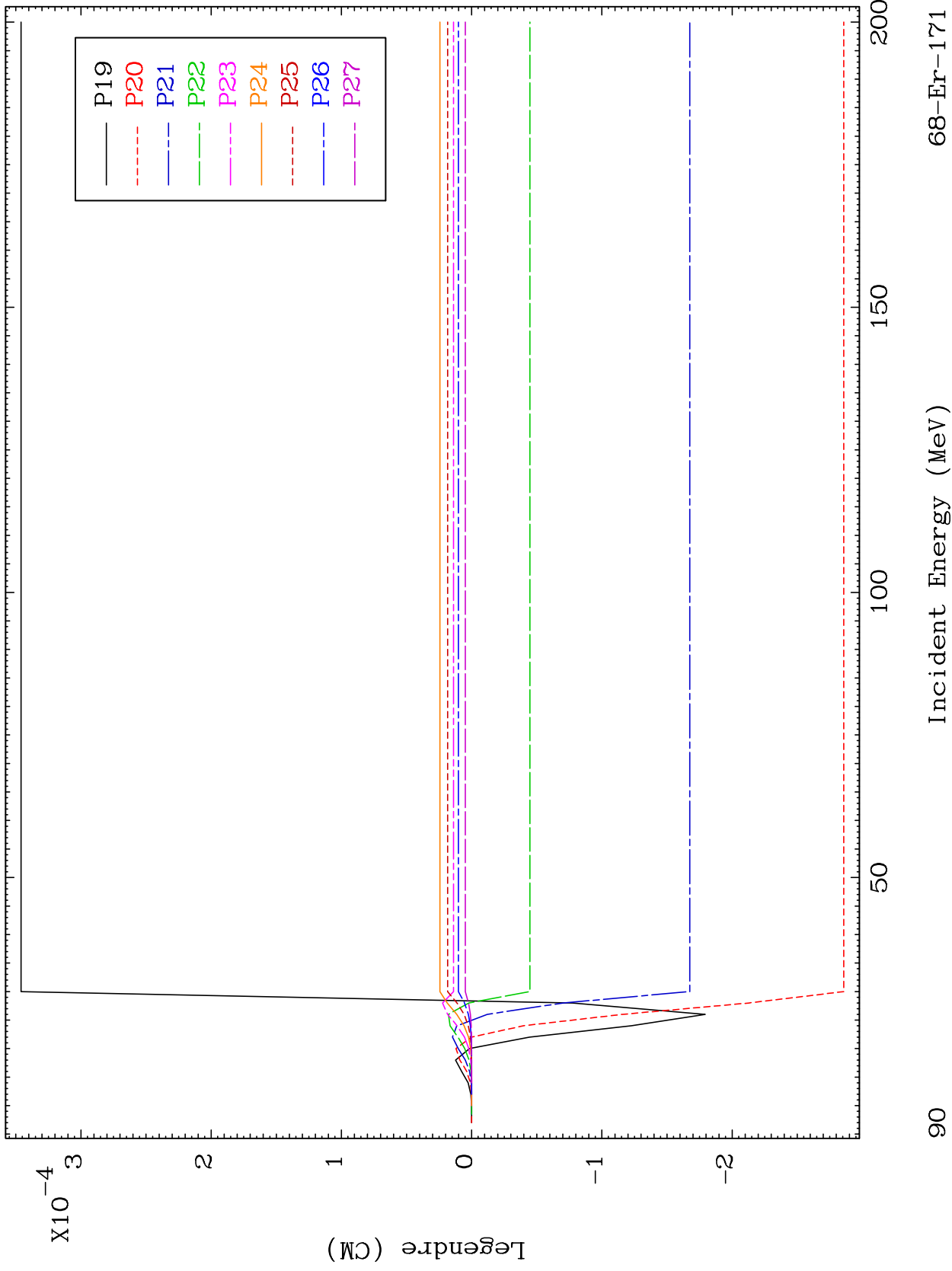
Incident Energy (MeV)

68-Er-171

MAT 6852

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

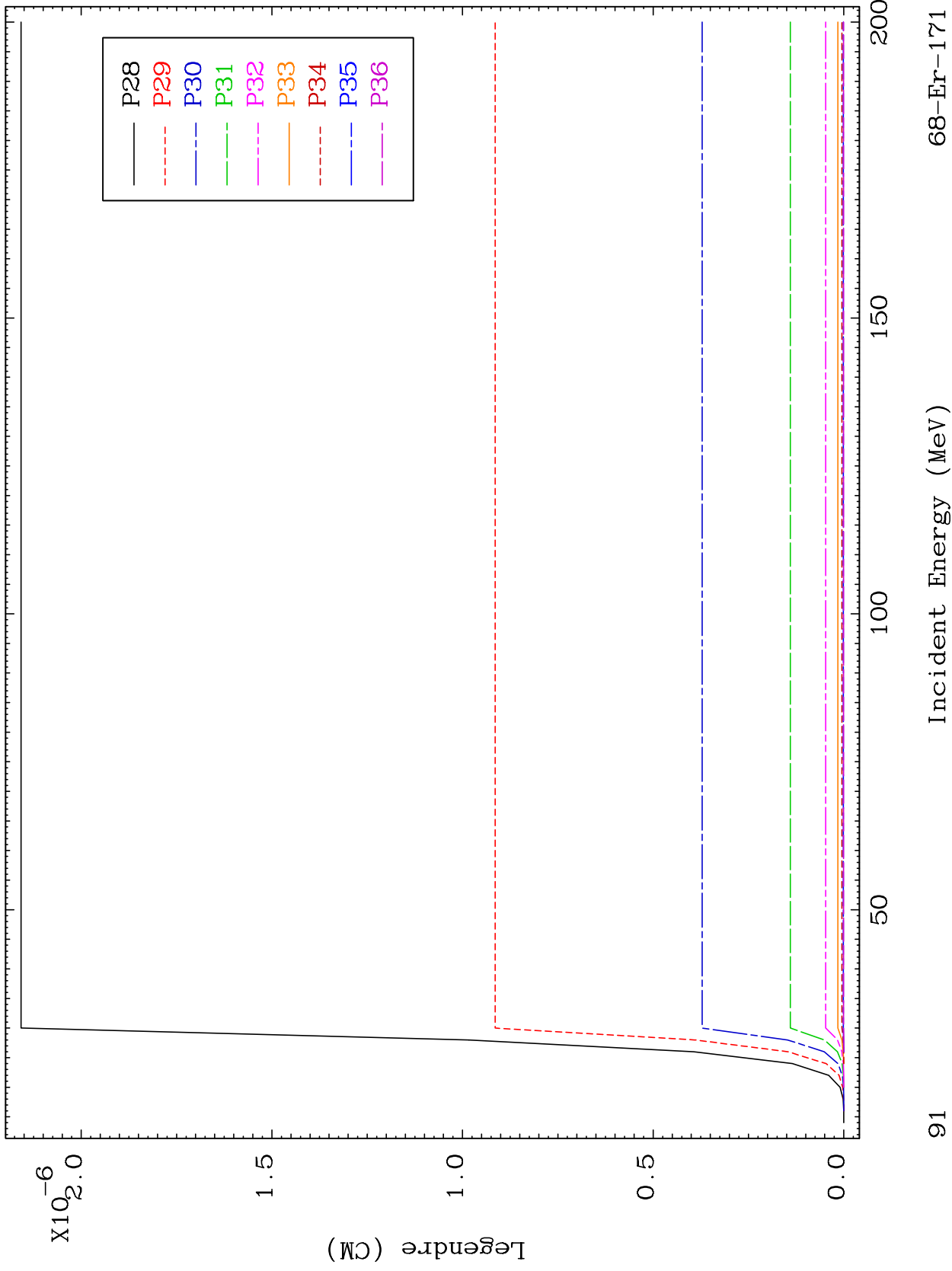
68-Er-171



MAT 6852

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

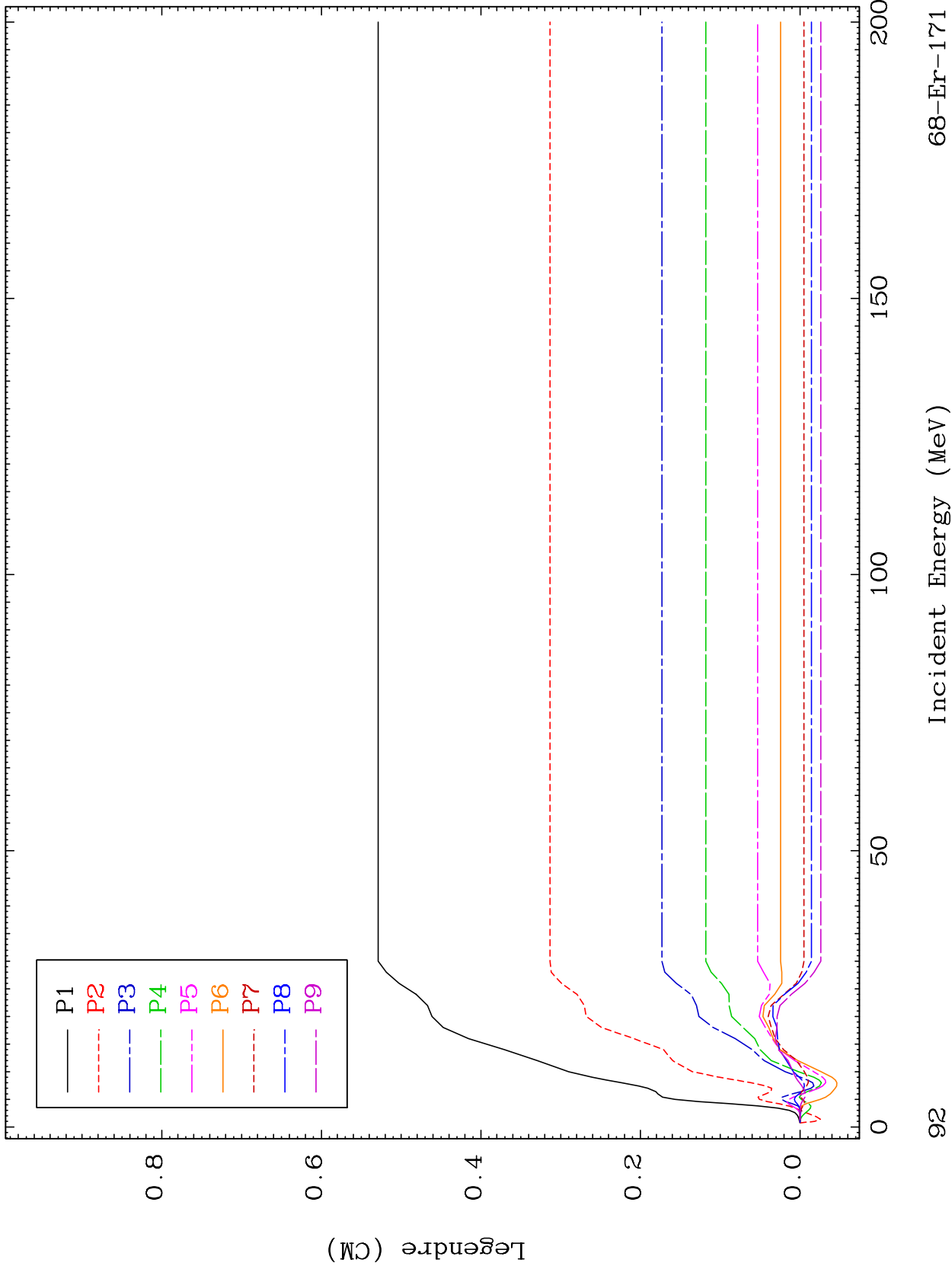
68-Er-171



MAT 6852

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

68-Er-171



68-Er-171

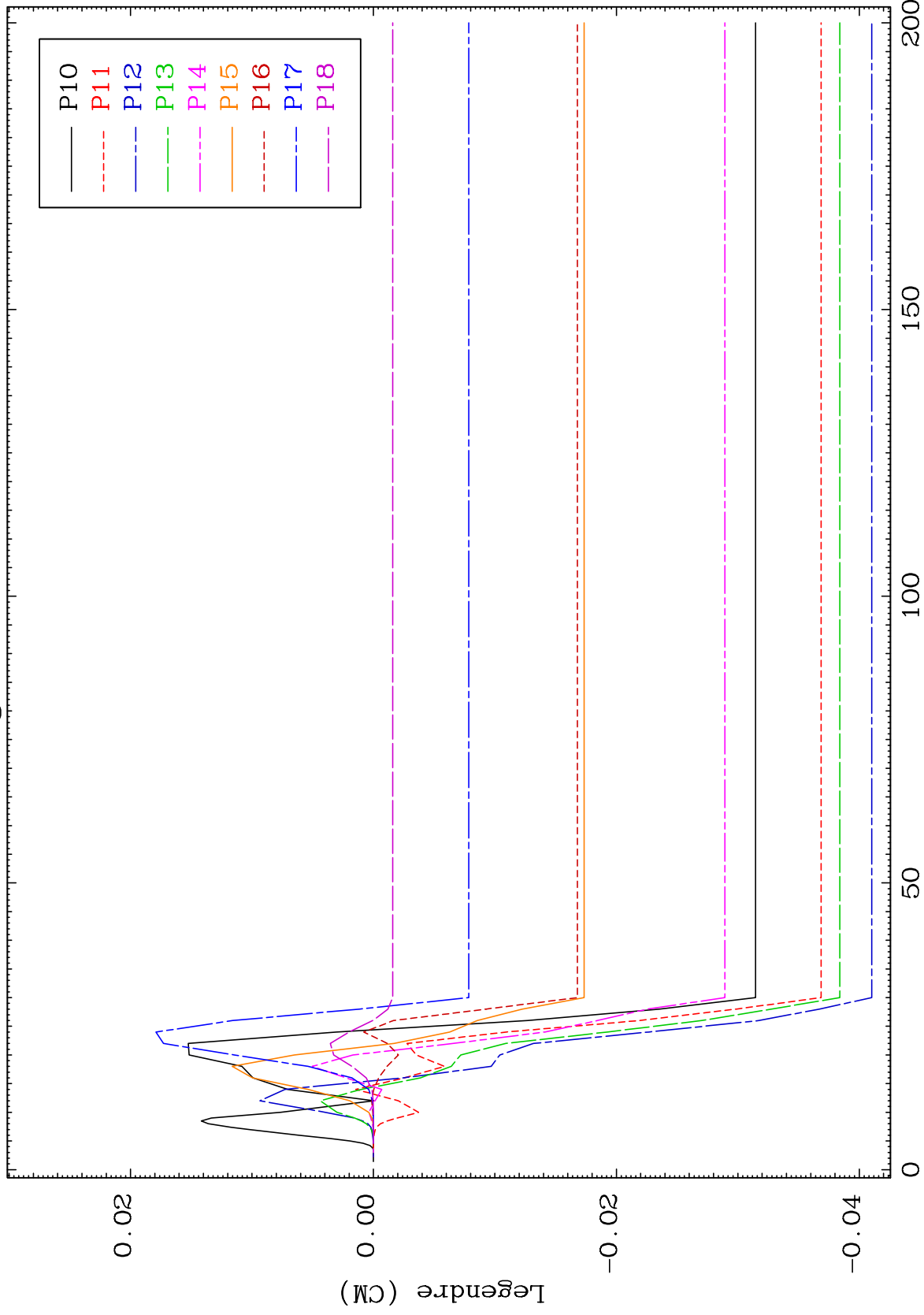
Incident Energy (MeV)

92

MAT 6852

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

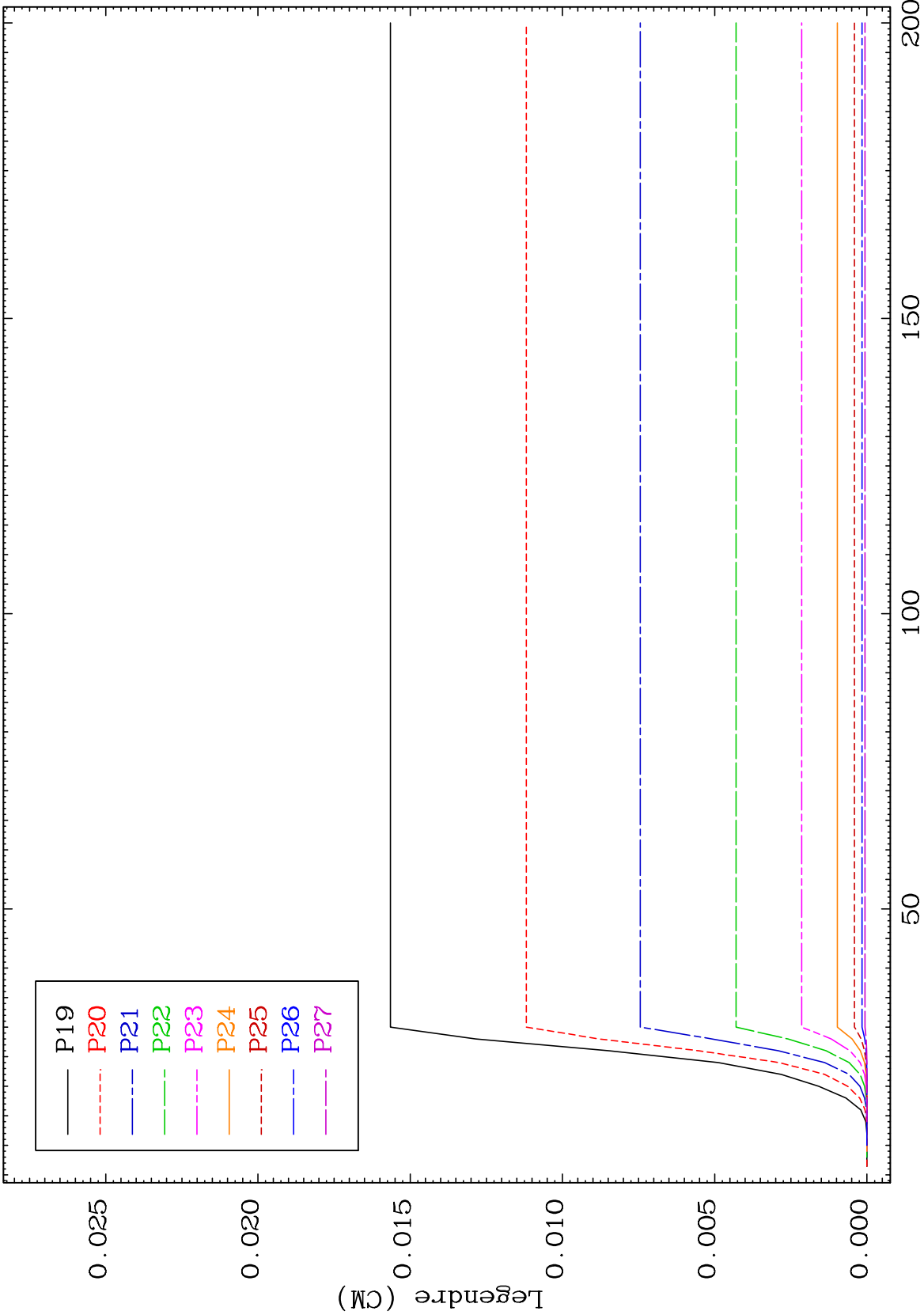
68-Er-171



93

Incident Energy (MeV)

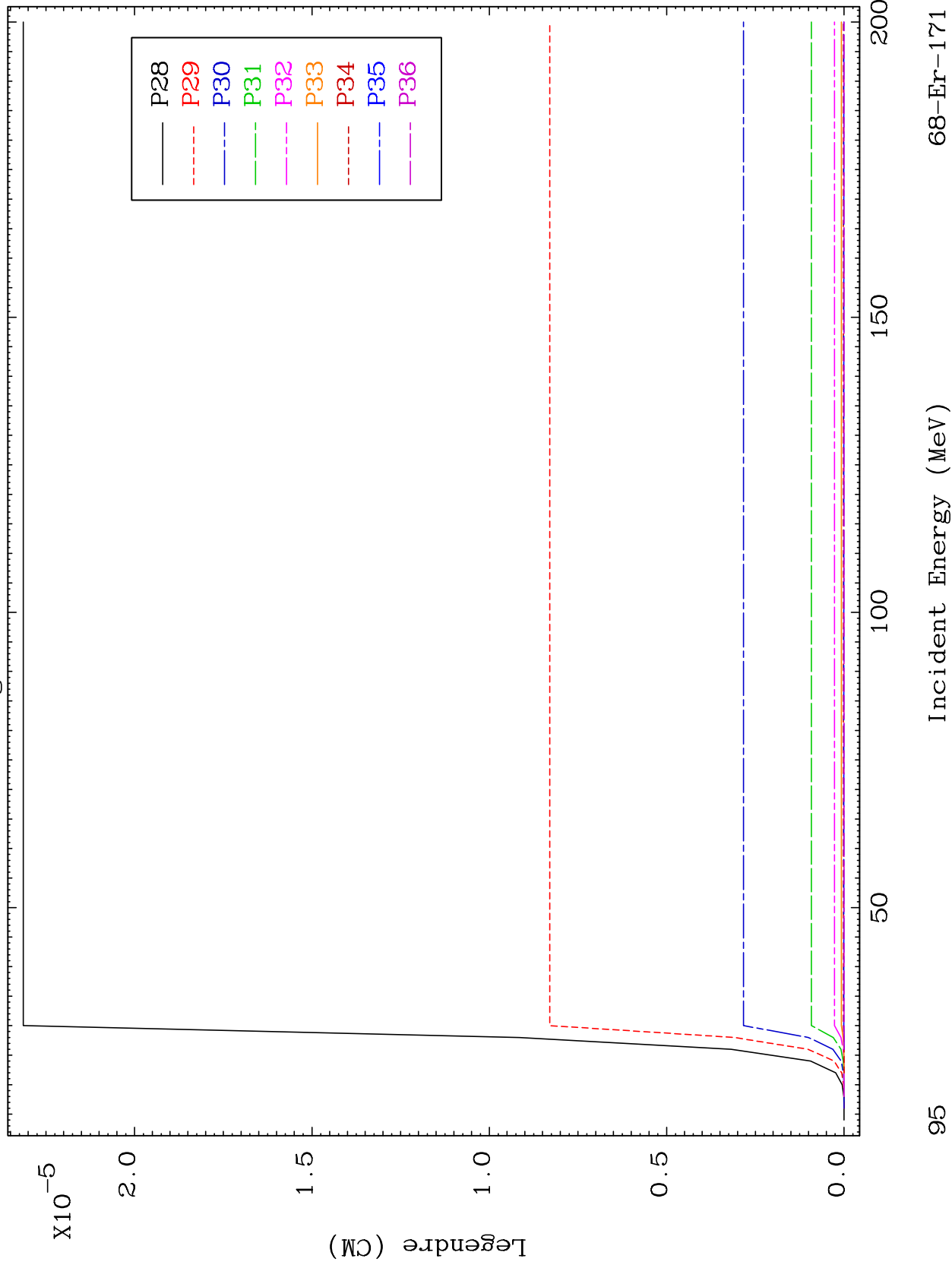
68-Er-171



MAT 6852

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

68-Er-171



95

Incident Energy (MeV)

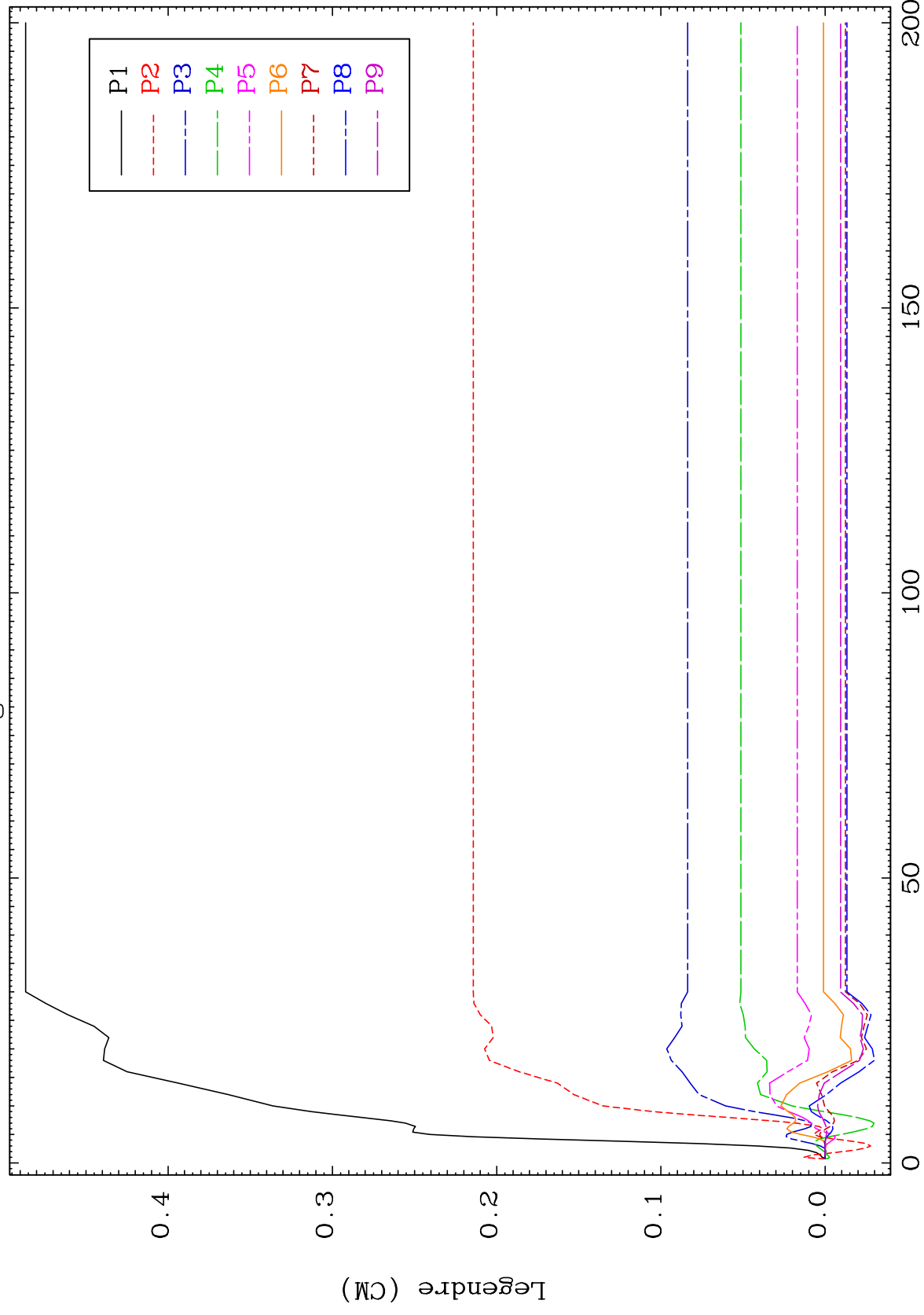
68-Er-171



MAT 6852

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

68-Er-171



96

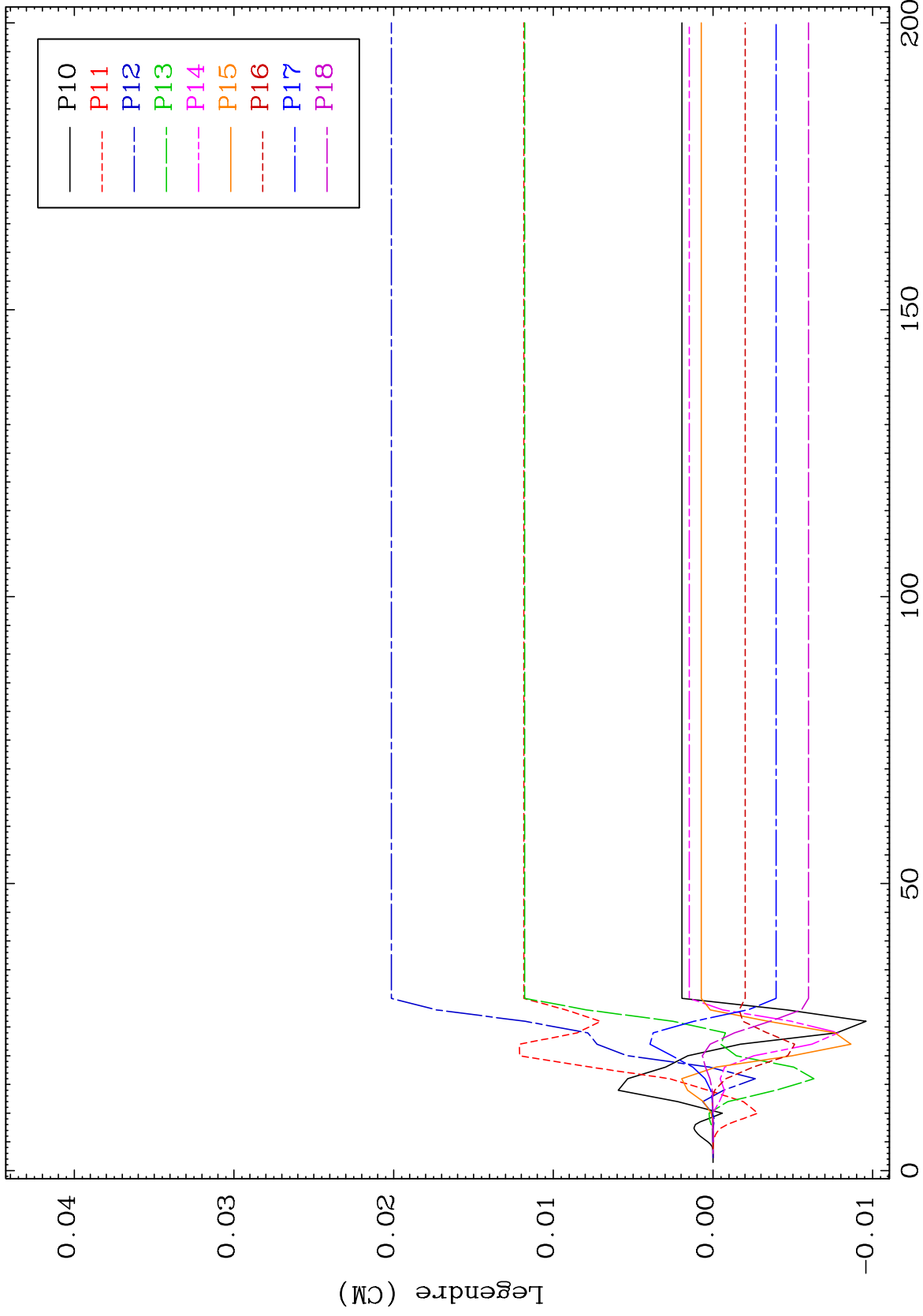
Incident Energy (MeV)

68-Er-171

MAT 6852

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

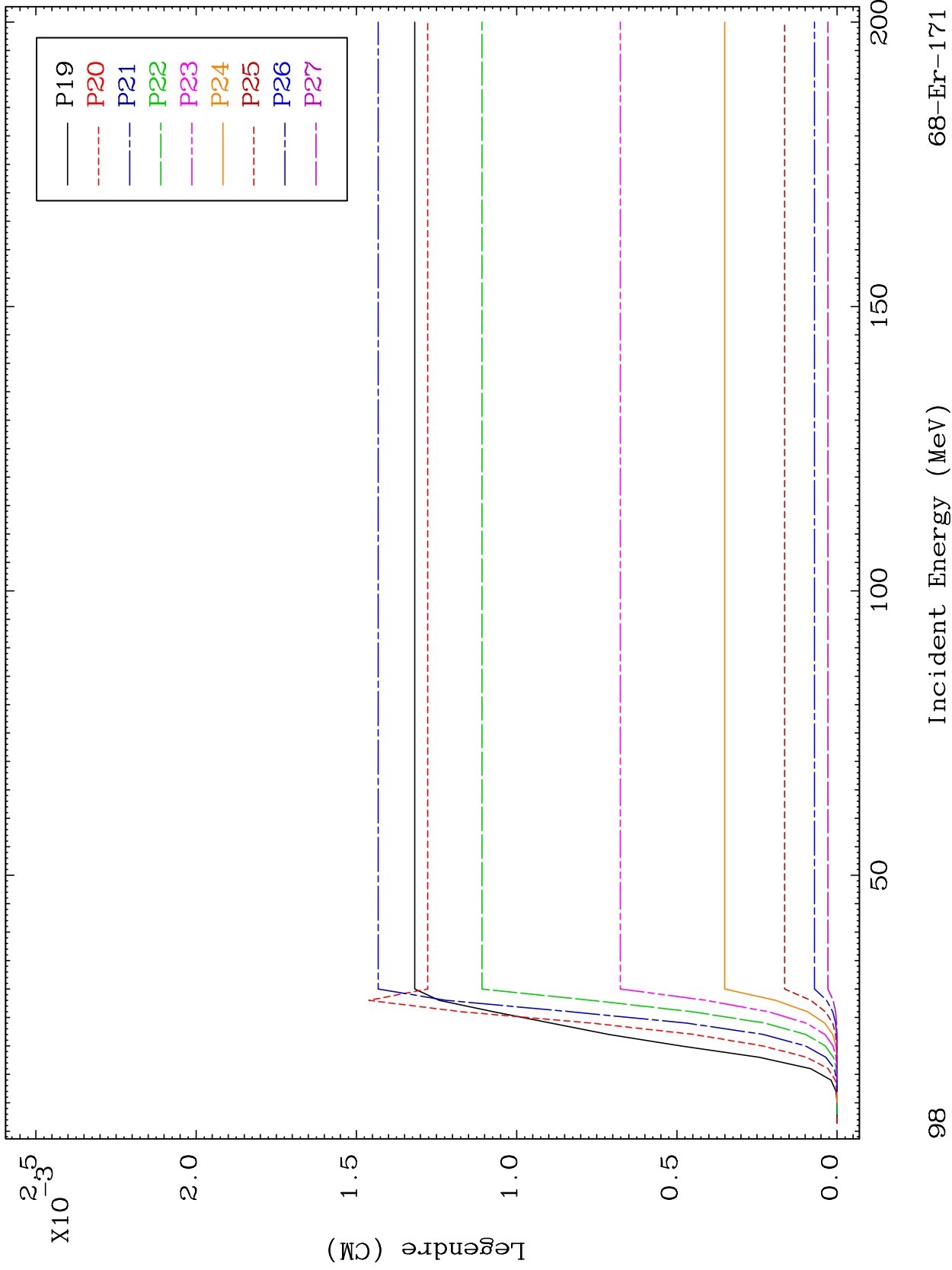
68-Er-171



97

Incident Energy (MeV)

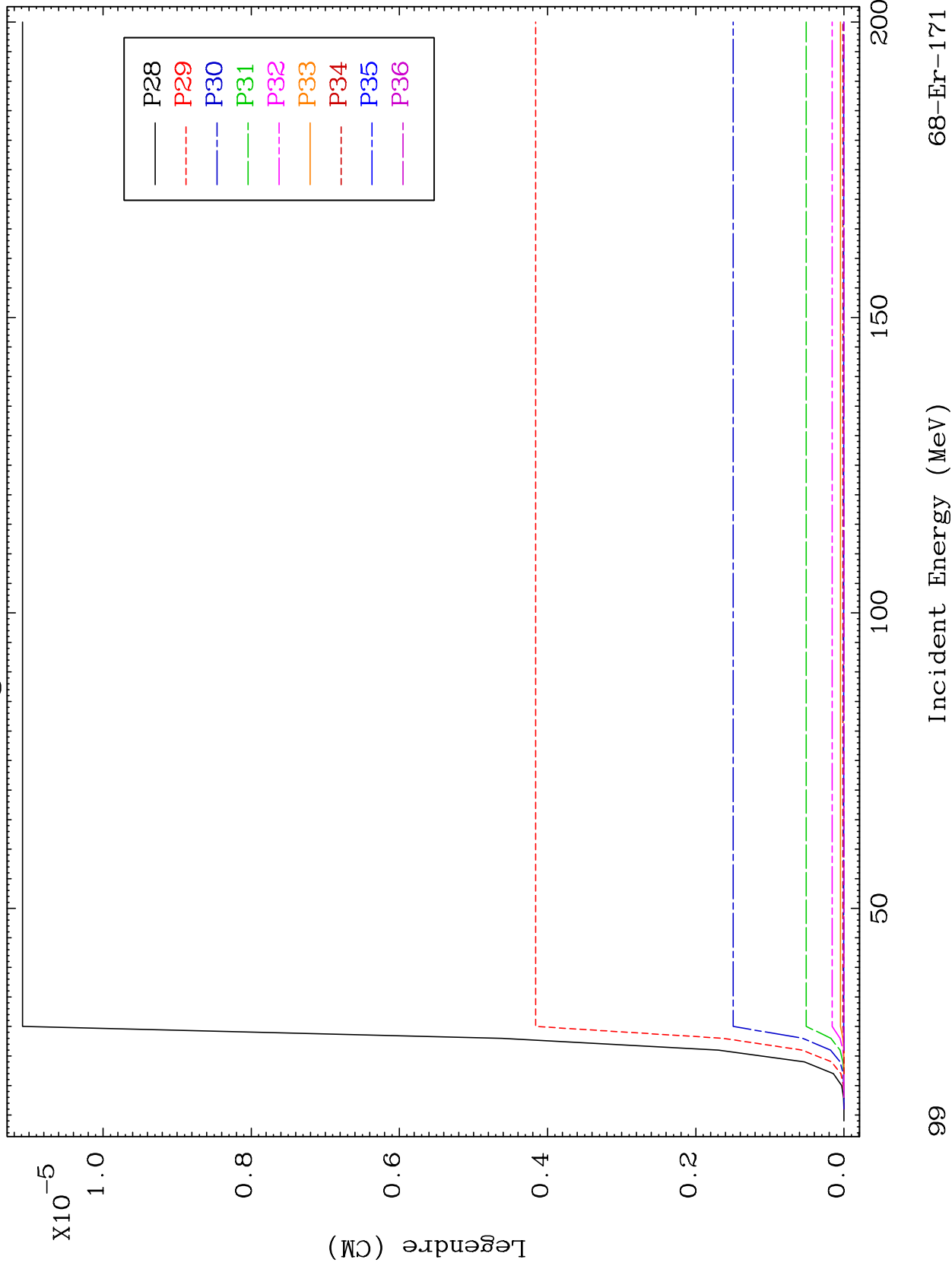
68-Er-171



MAT 6852

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

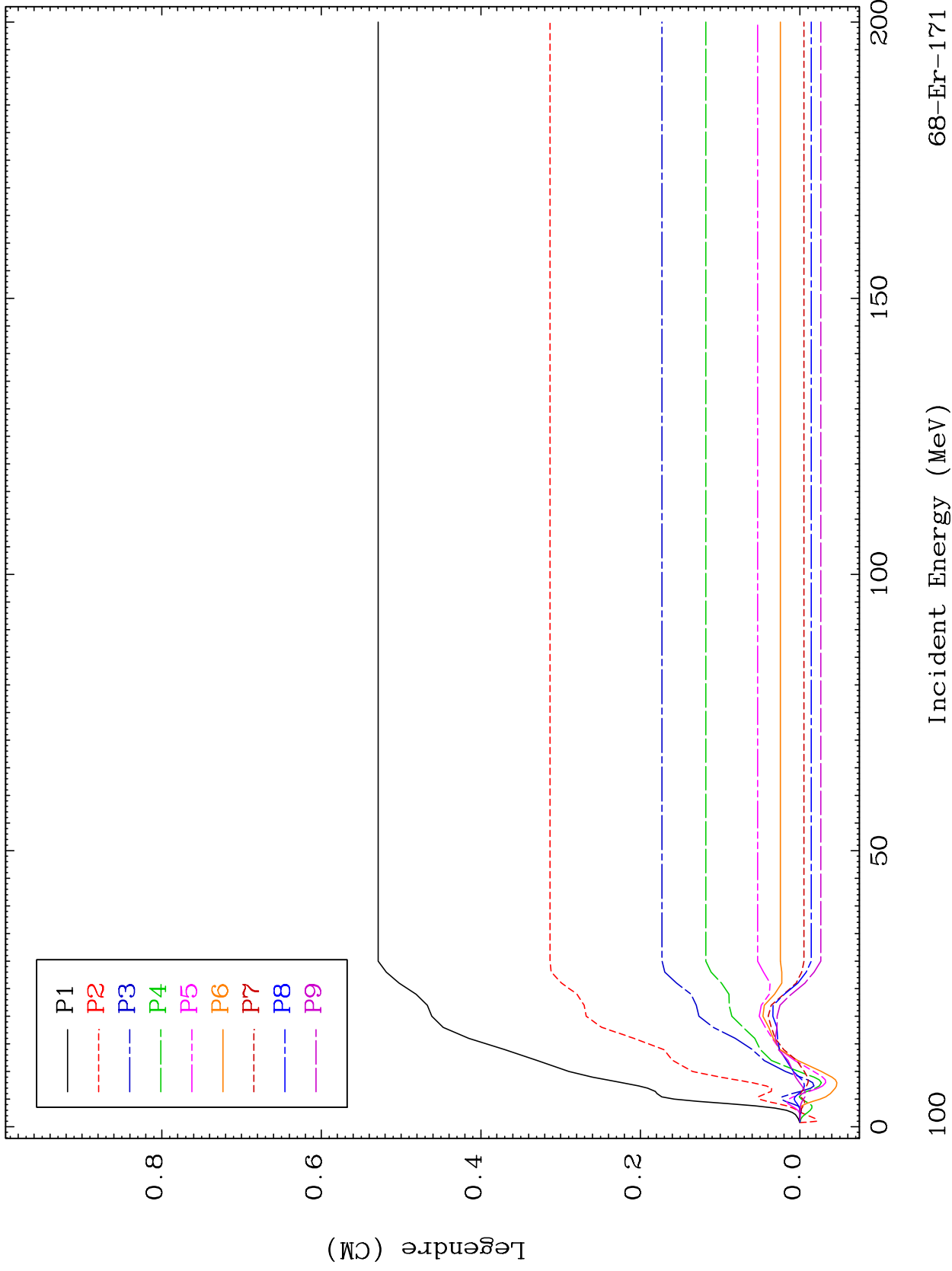
68-Er-171



MAT 6852

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

68-Er-171



68-Er-171

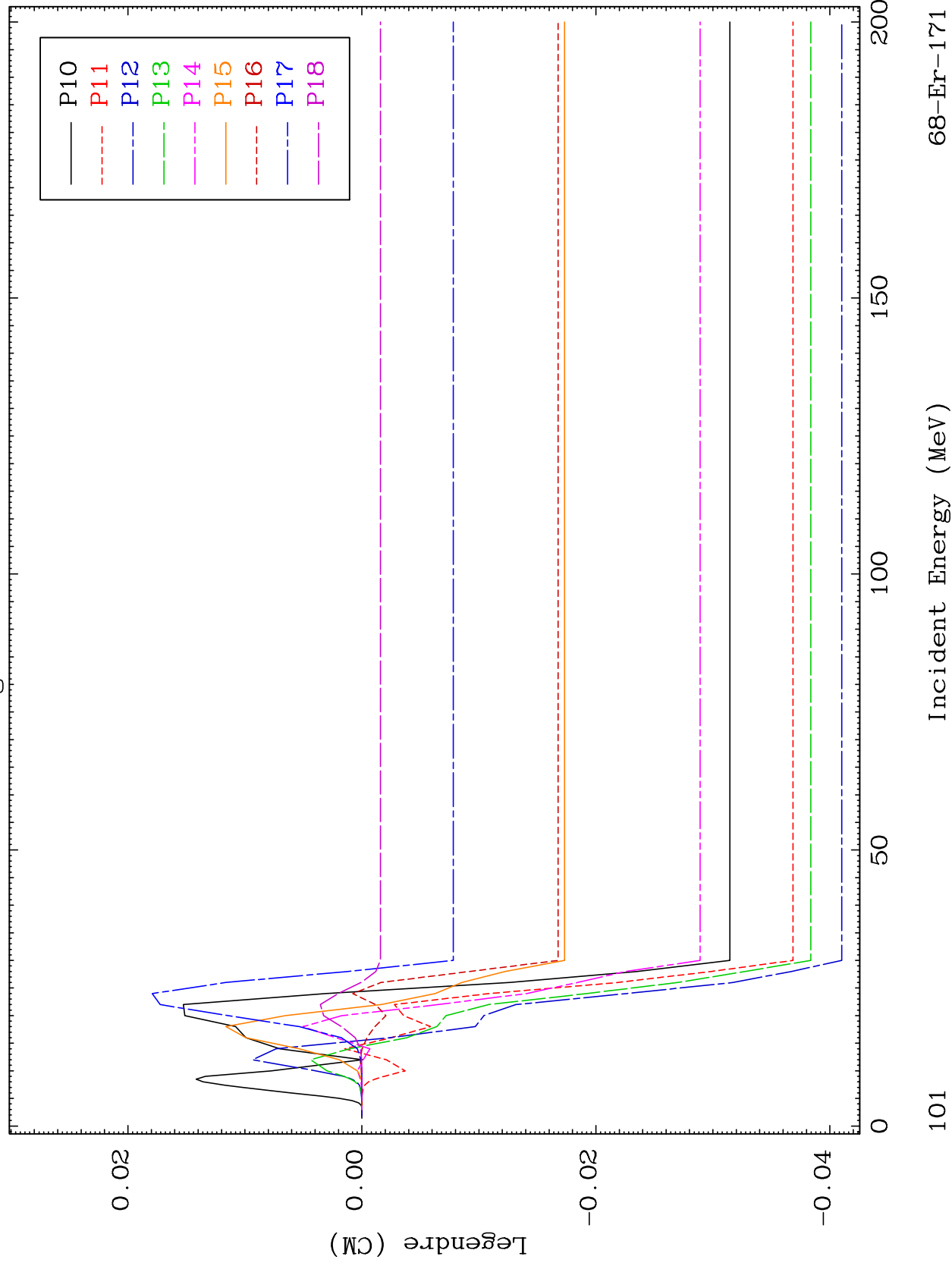
Incident Energy (MeV)

100

MAT 6852

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

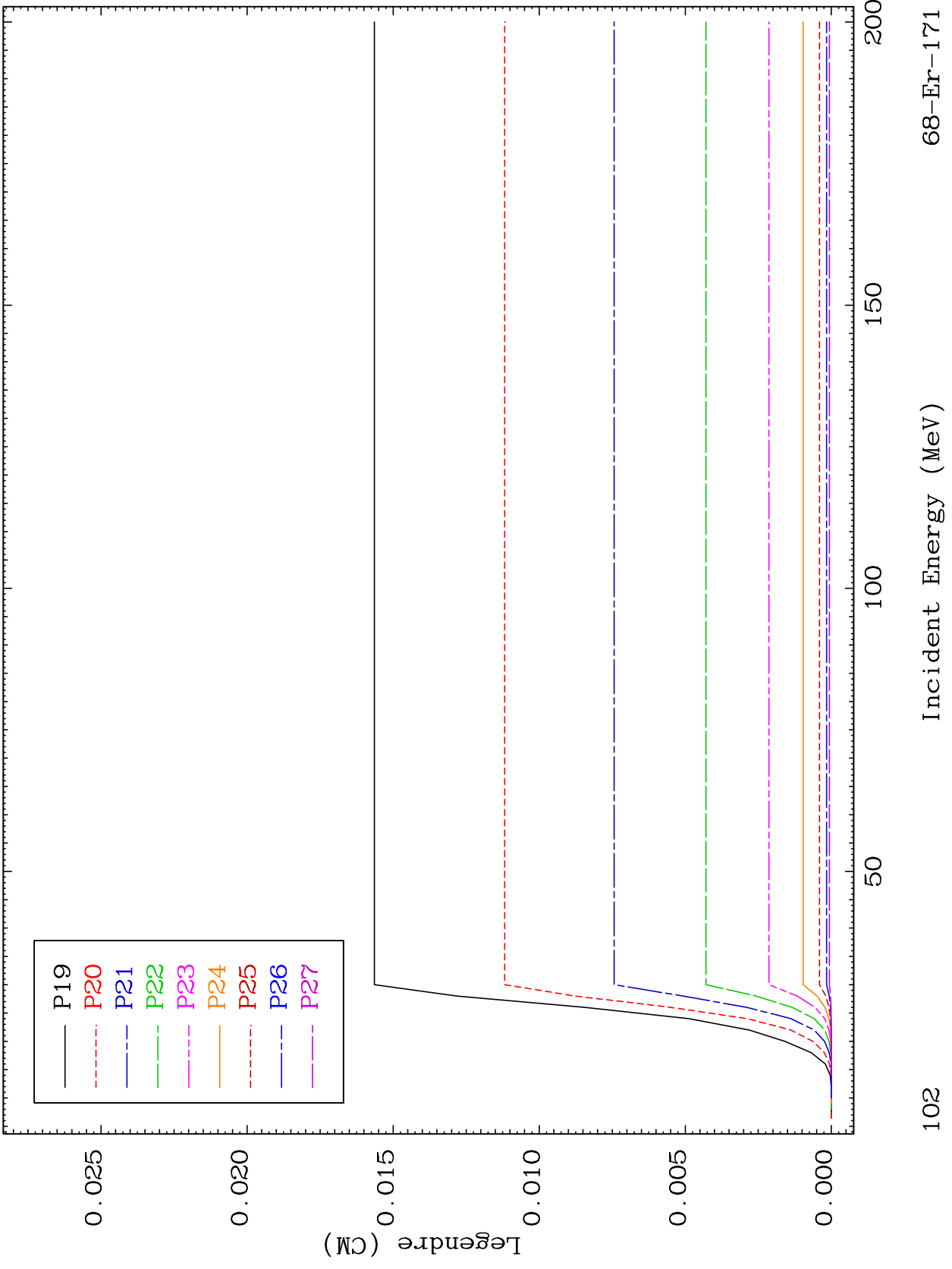
68-Er-171



68-Er-171

Incident Energy (MeV)

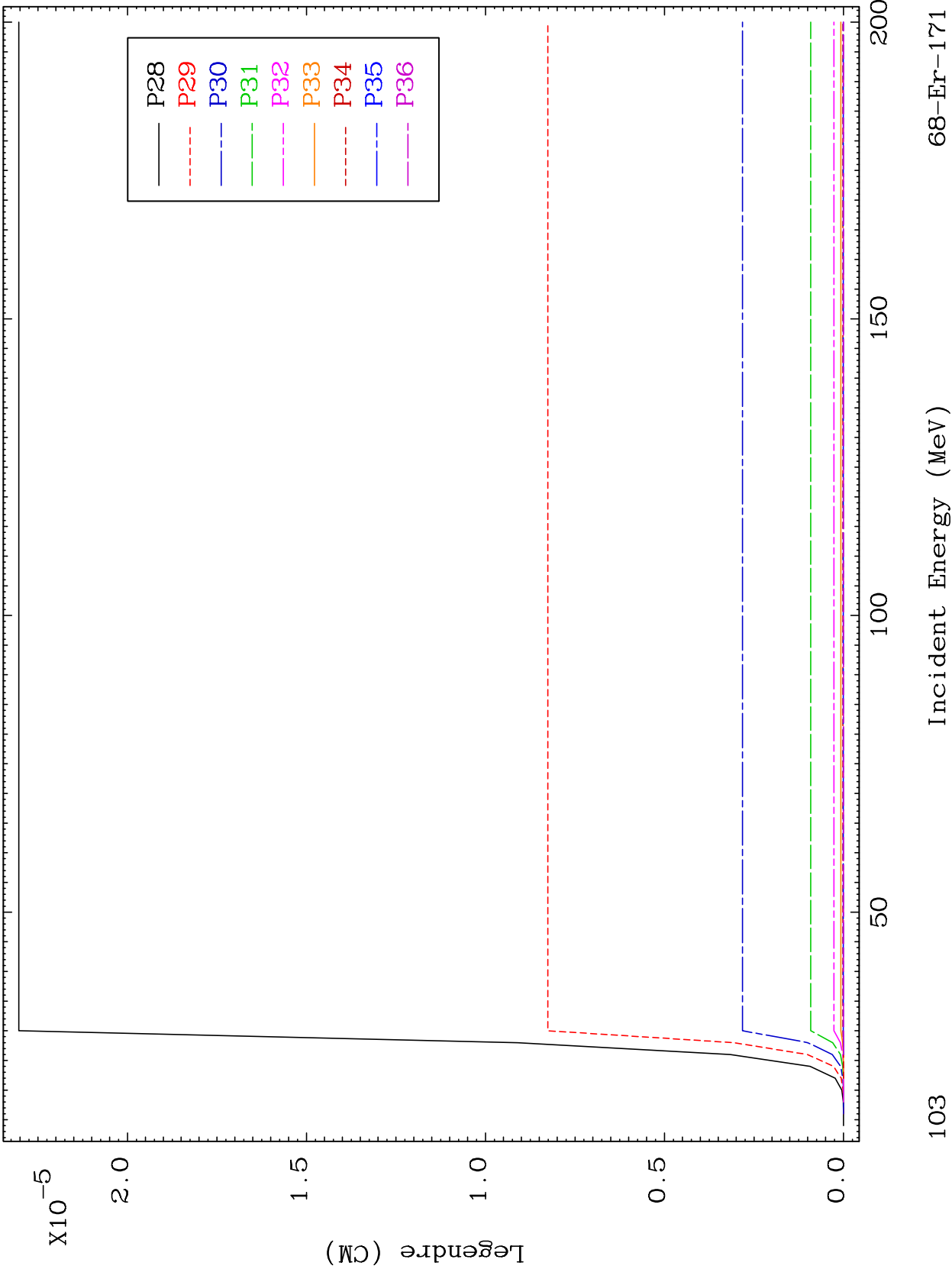
101



MAT 6852

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

68-Er-171



103

Incident Energy (MeV)

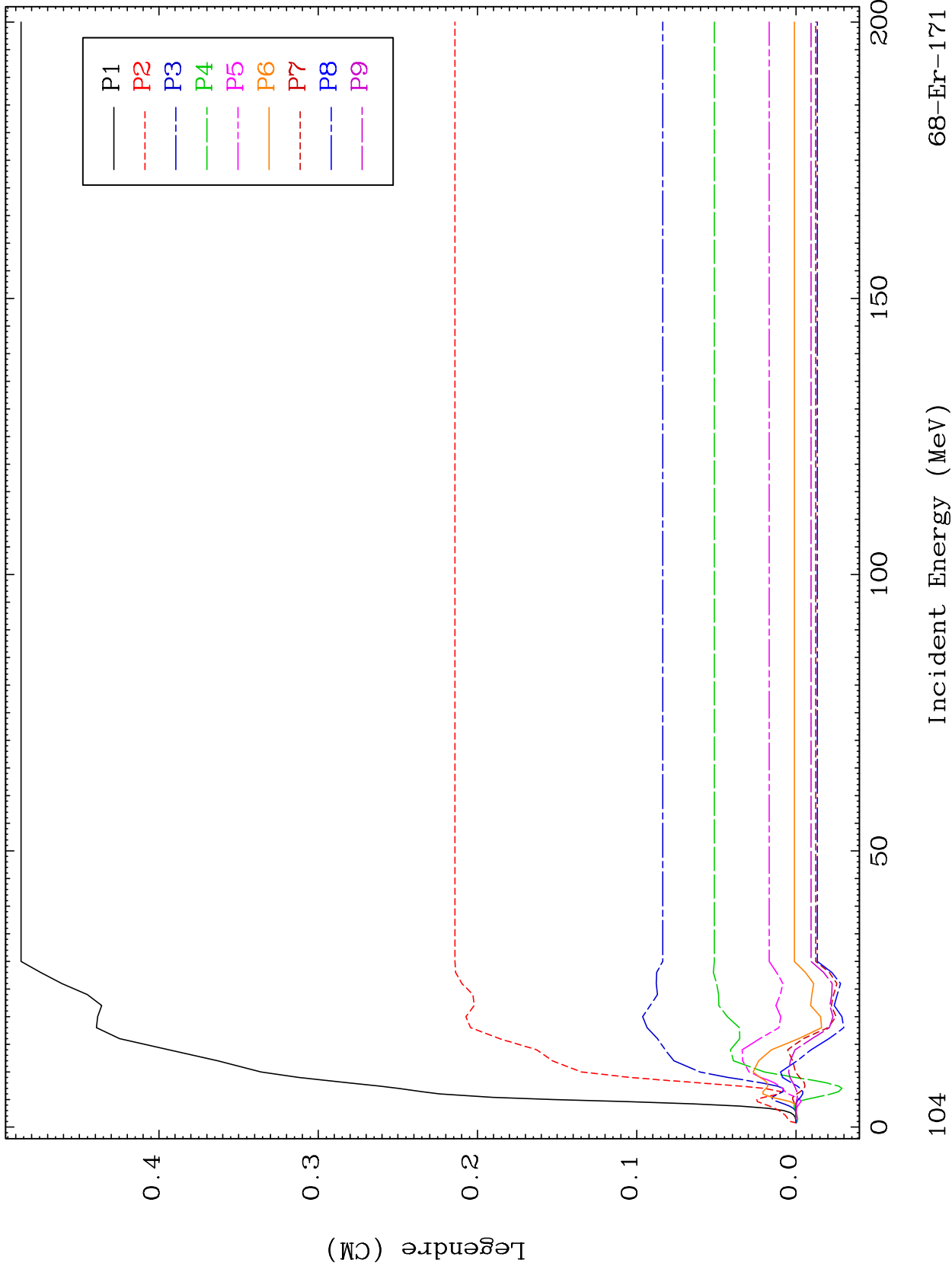
68-Er-171



MAT 6852

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

68-Er-171



104

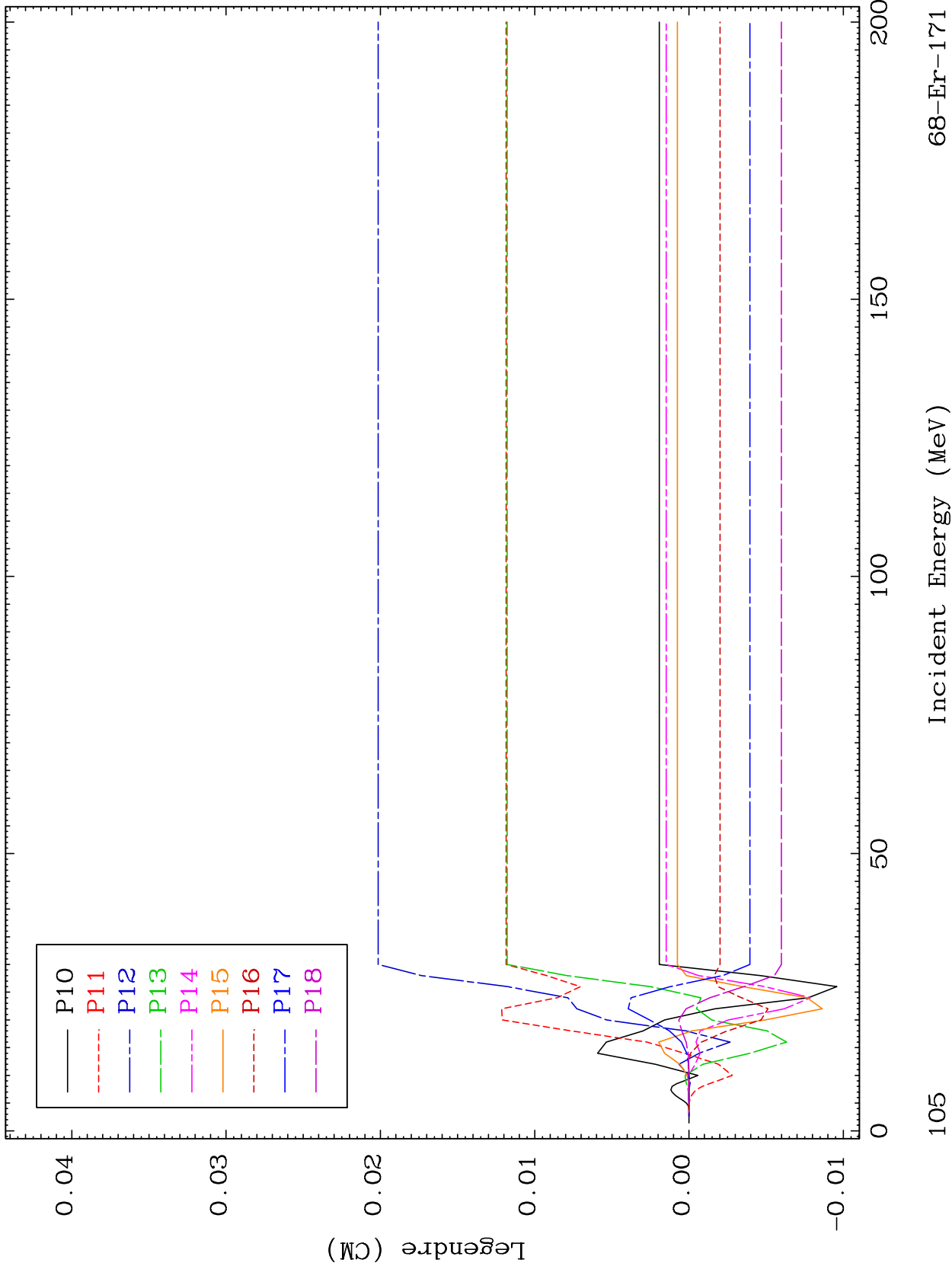
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



68-Er-171

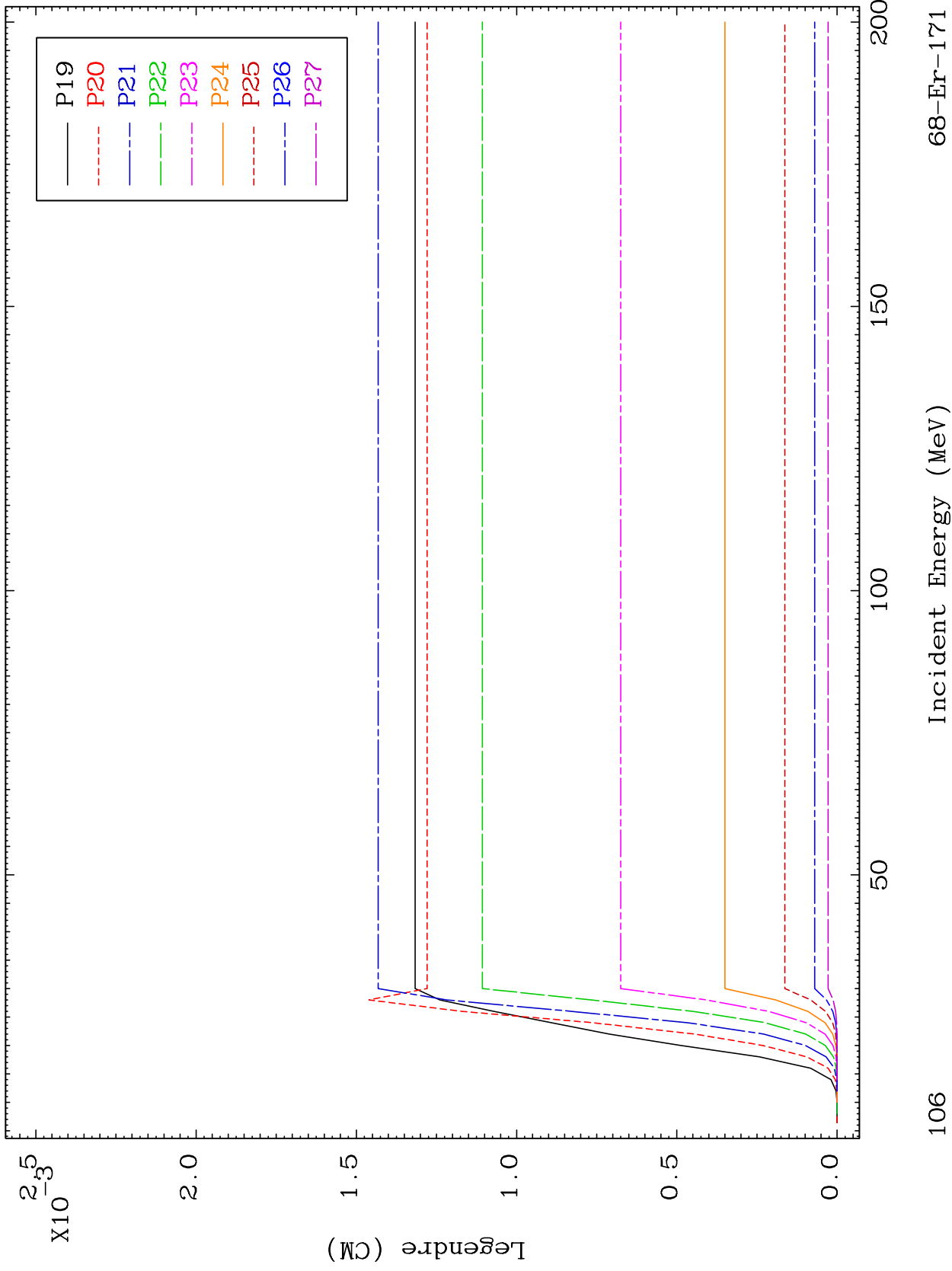
Incident Energy (MeV)

105

MAT 6852

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

68-Er-171



106

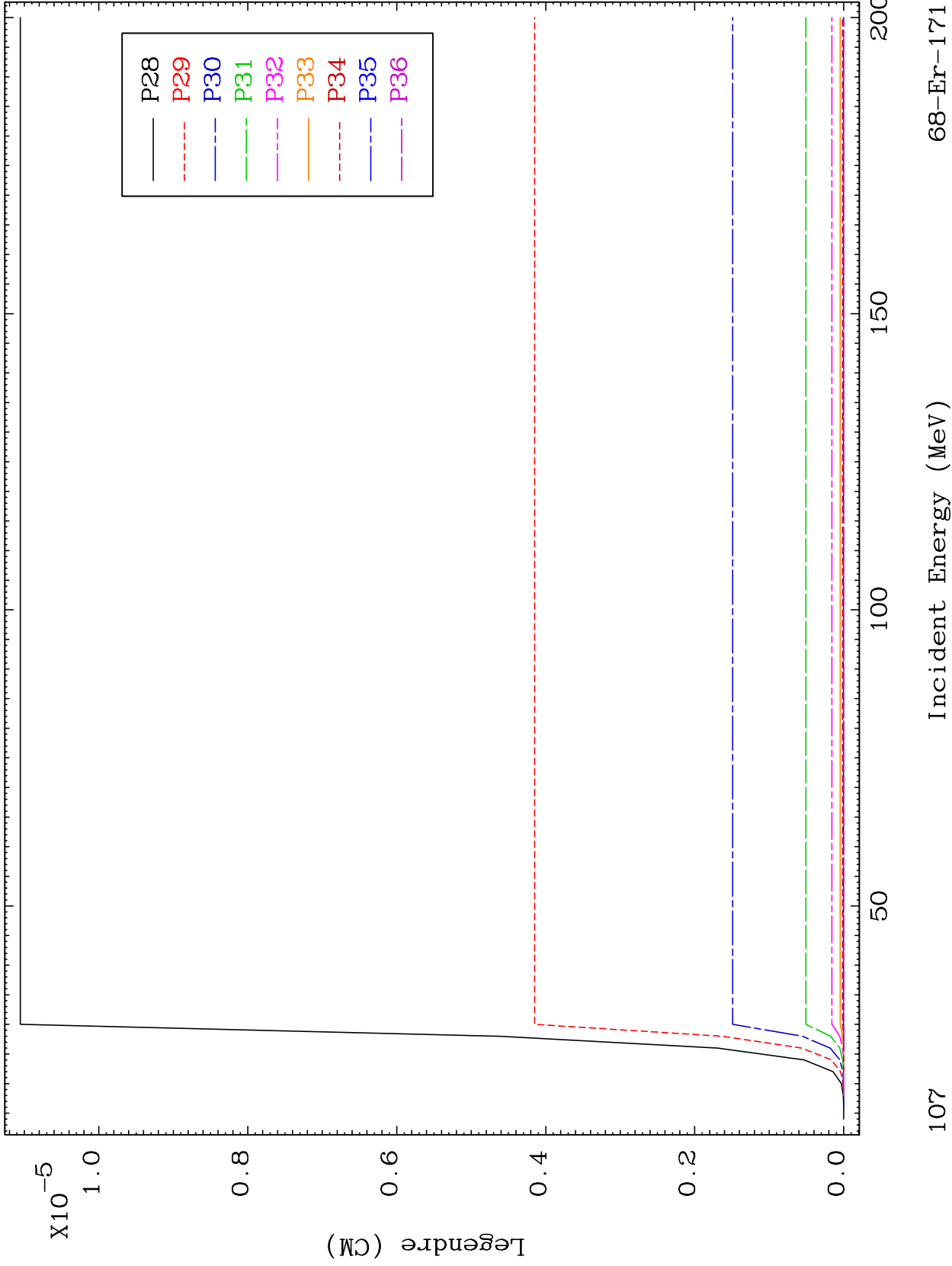
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



107

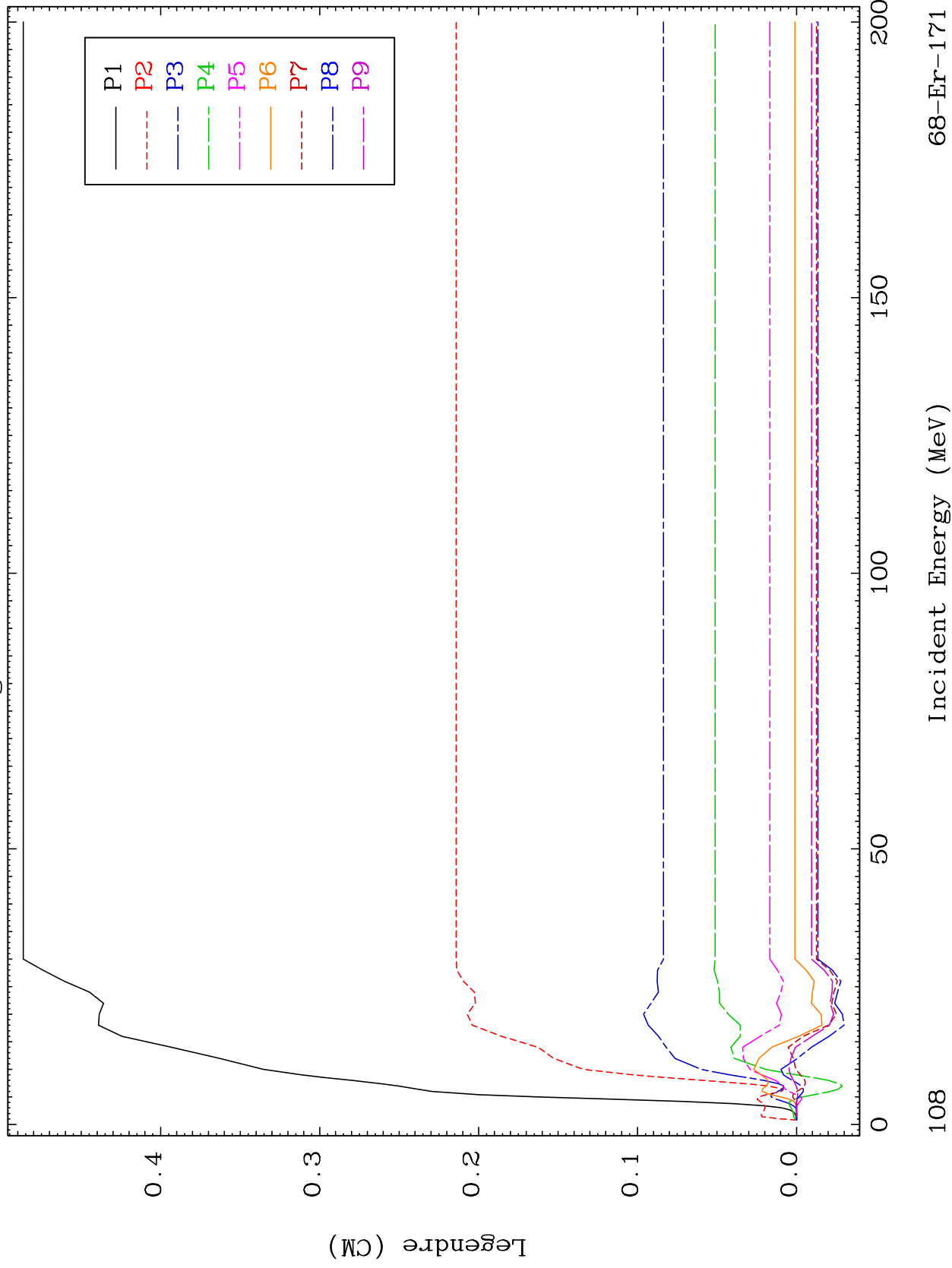
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



68-Er-171

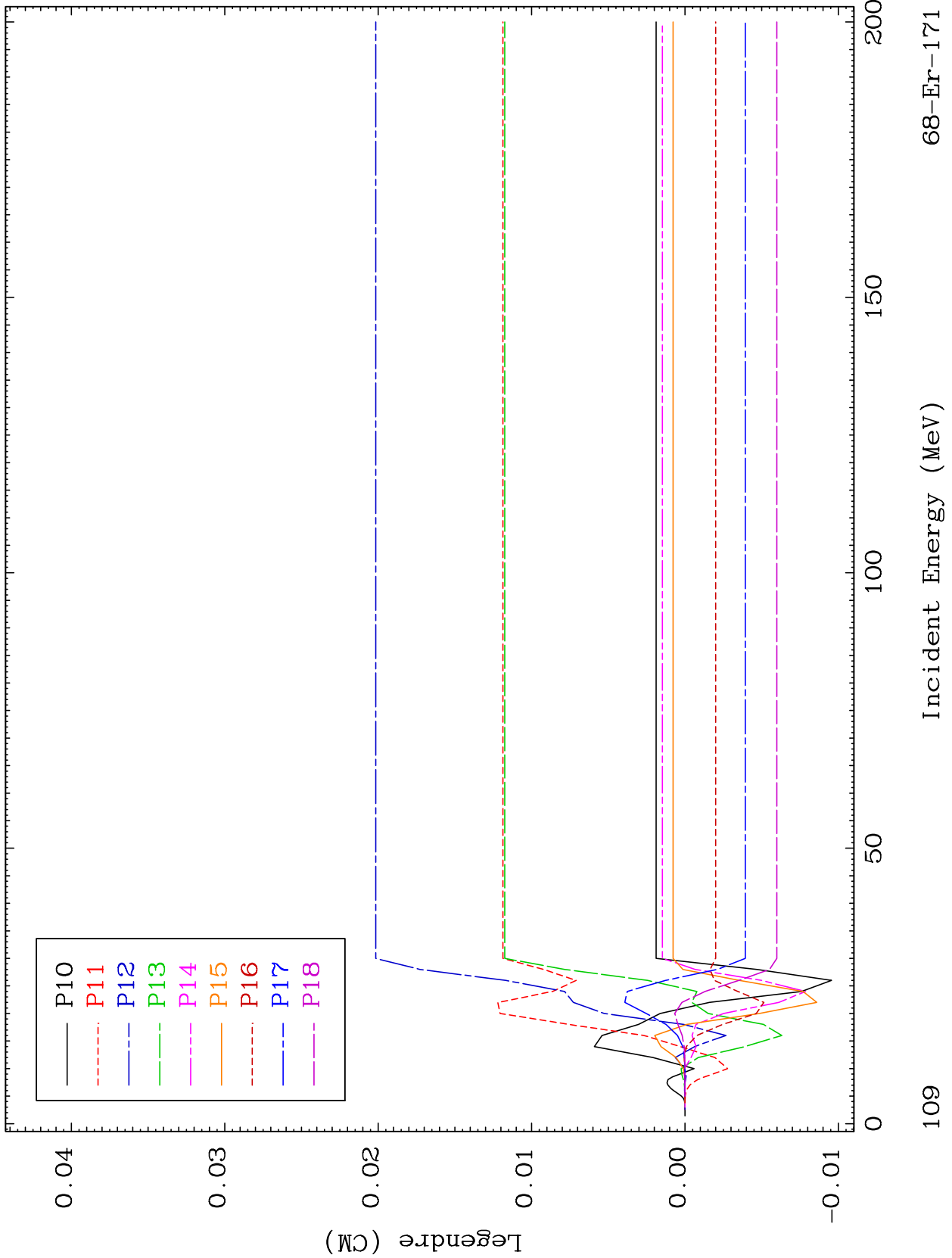
Incident Energy (MeV)

108

MAT 6852

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

68-Er-171



68-Er-171

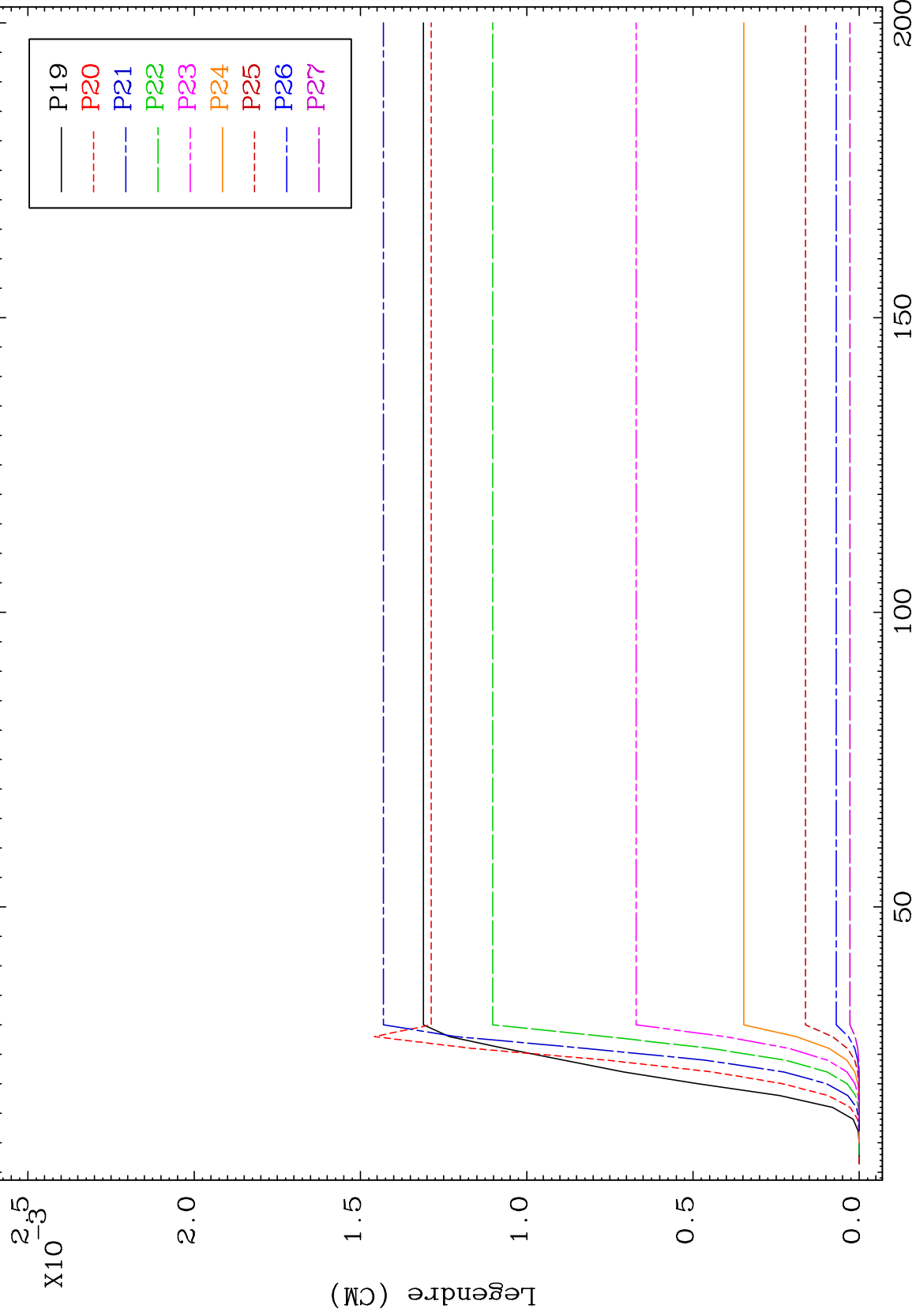
Incident Energy (MeV)

109

MAT 6852

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

68-Er-171



110

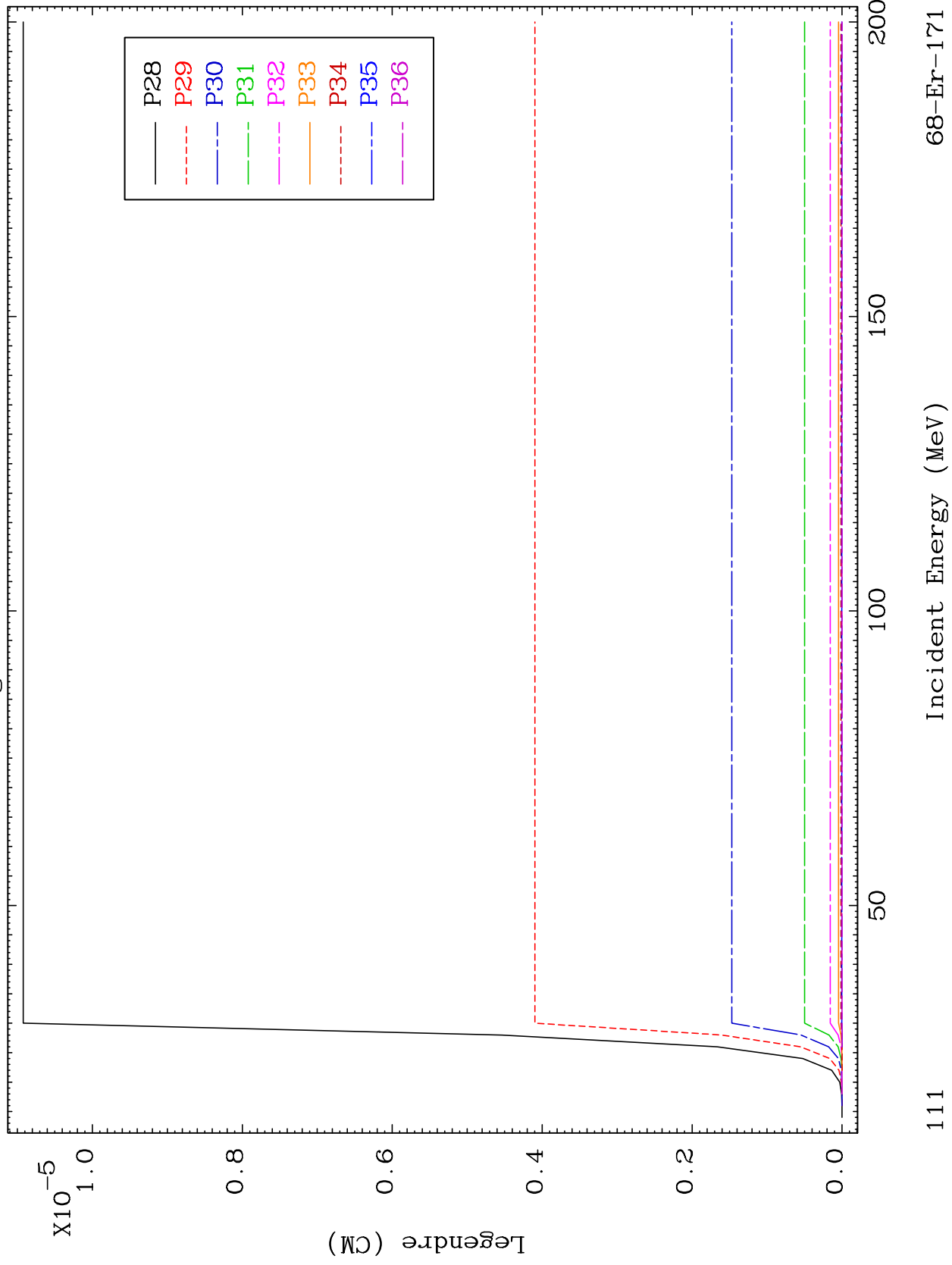
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171

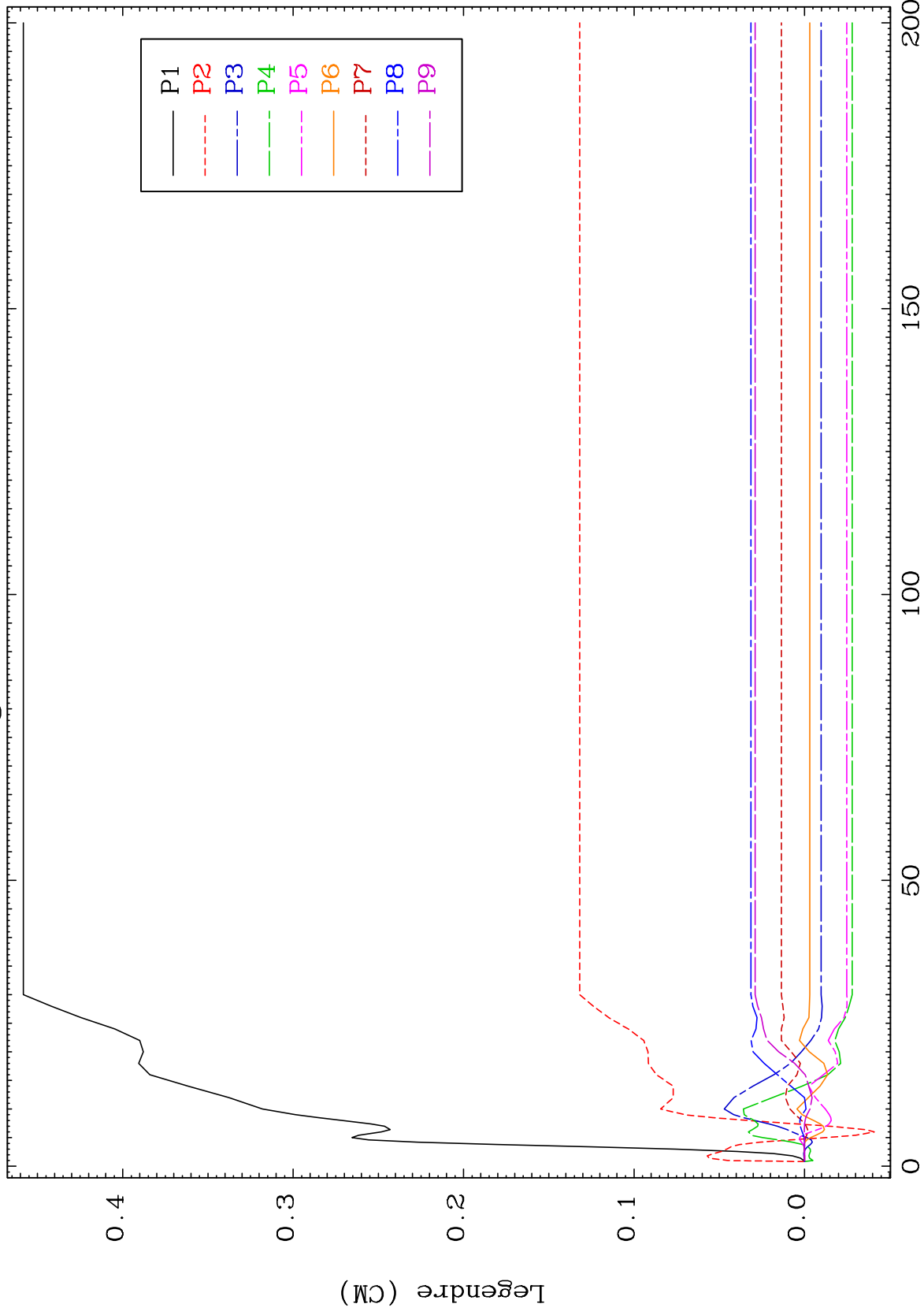




MAT 6852

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

68-Er-171



68-Er-171

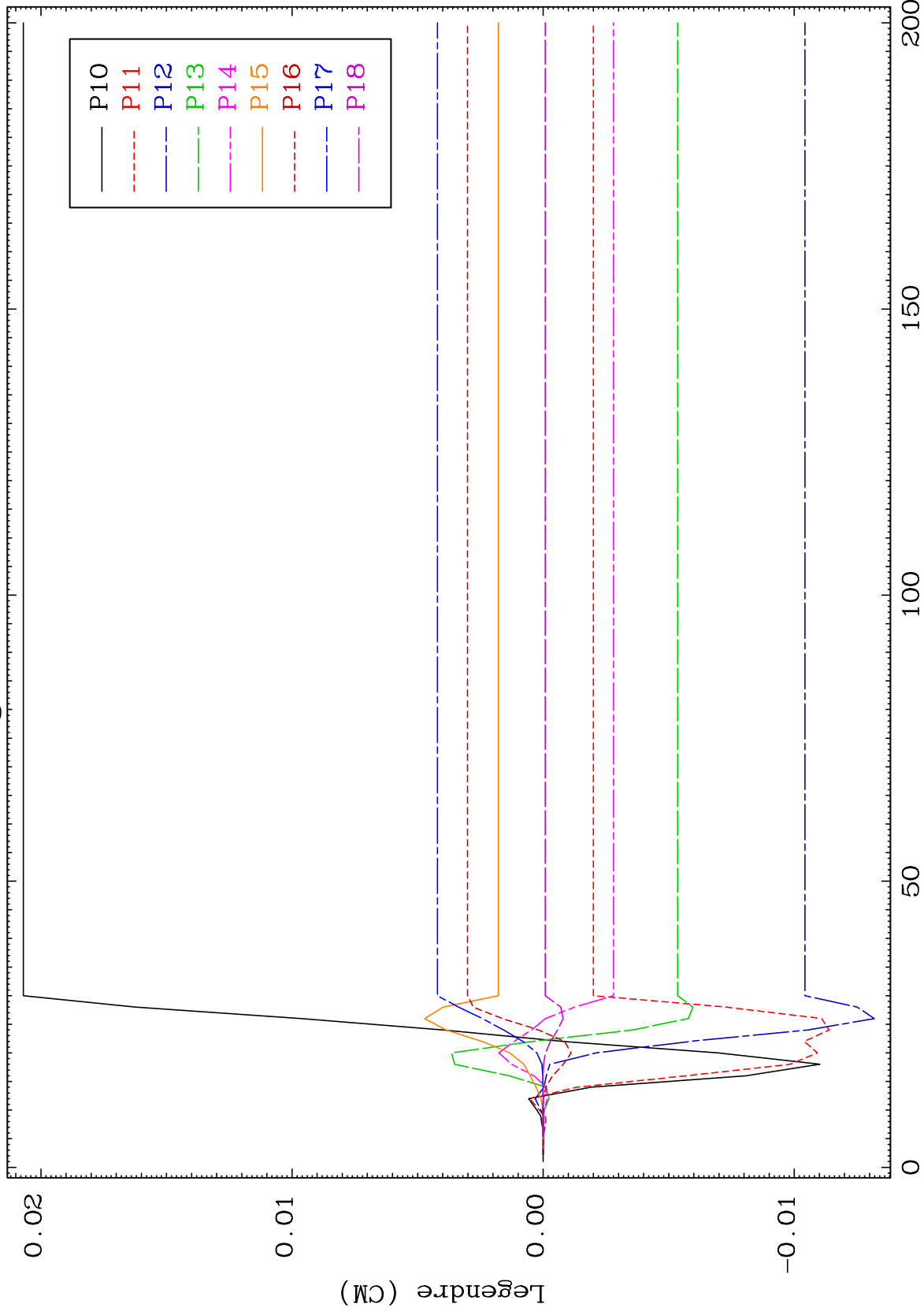
Incident Energy (MeV)

112

MAT 6852

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

68-Er-171



113

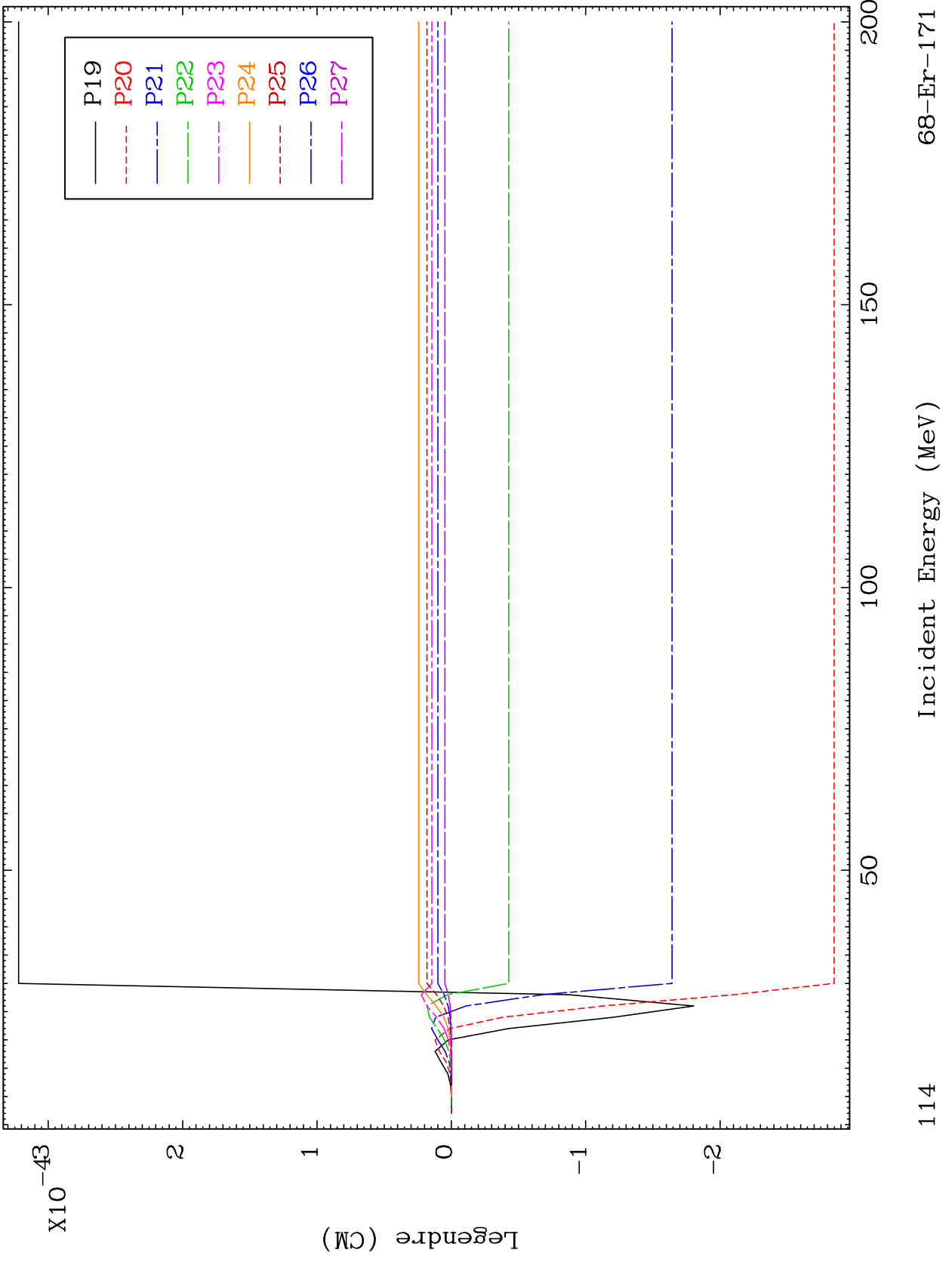
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



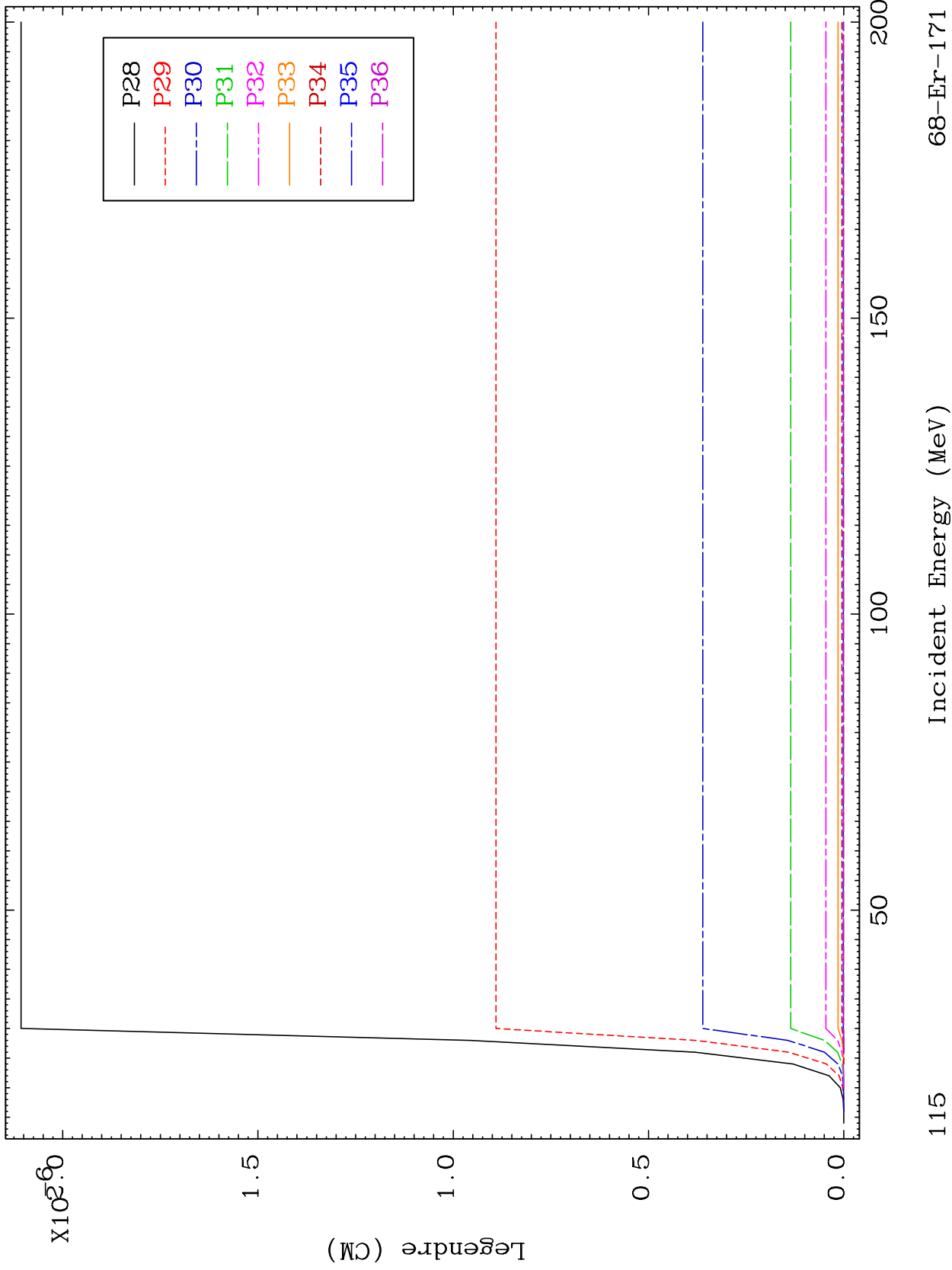
114

68-Er-171

MAT 6852

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

68-Er-171



115

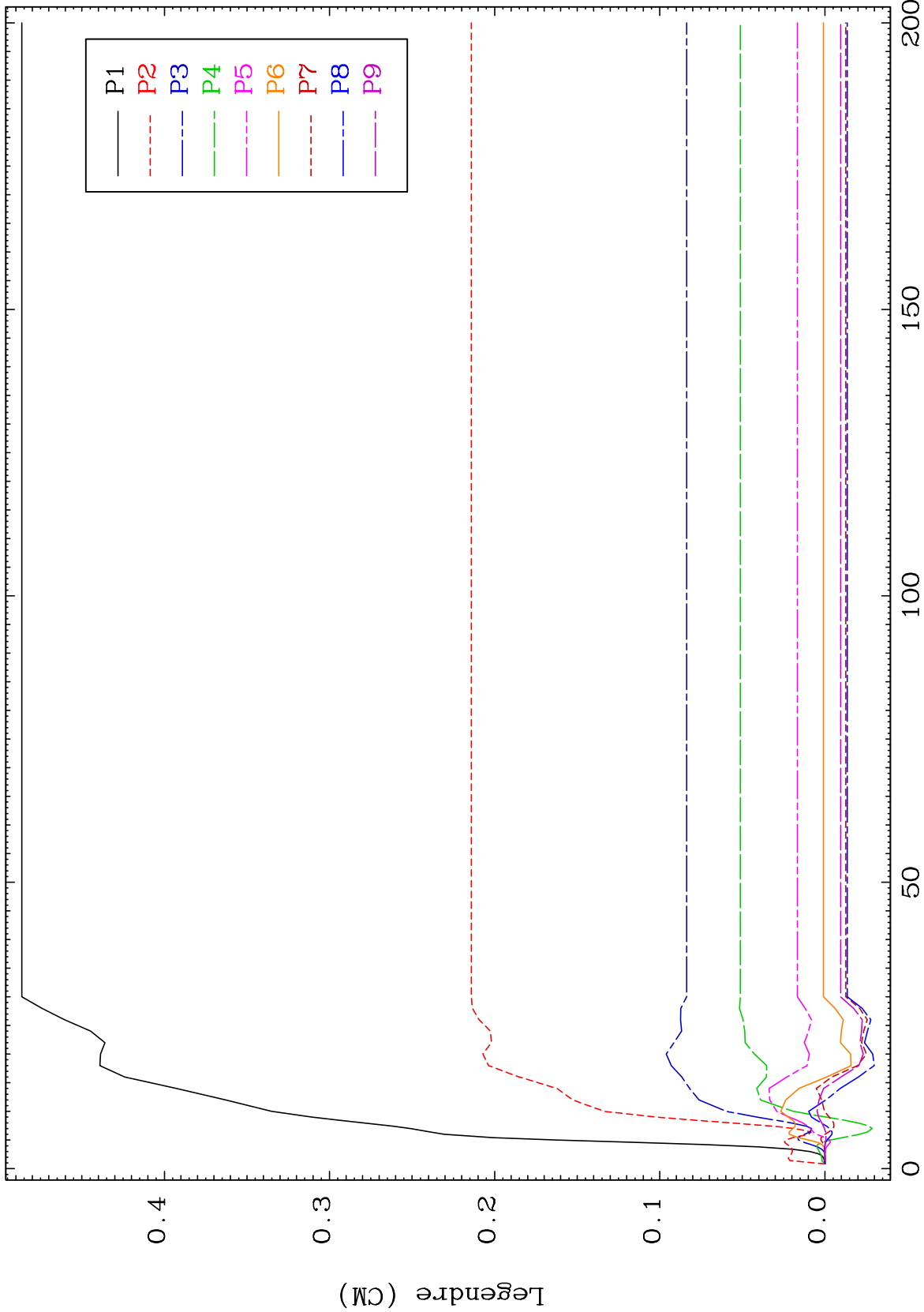
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



116

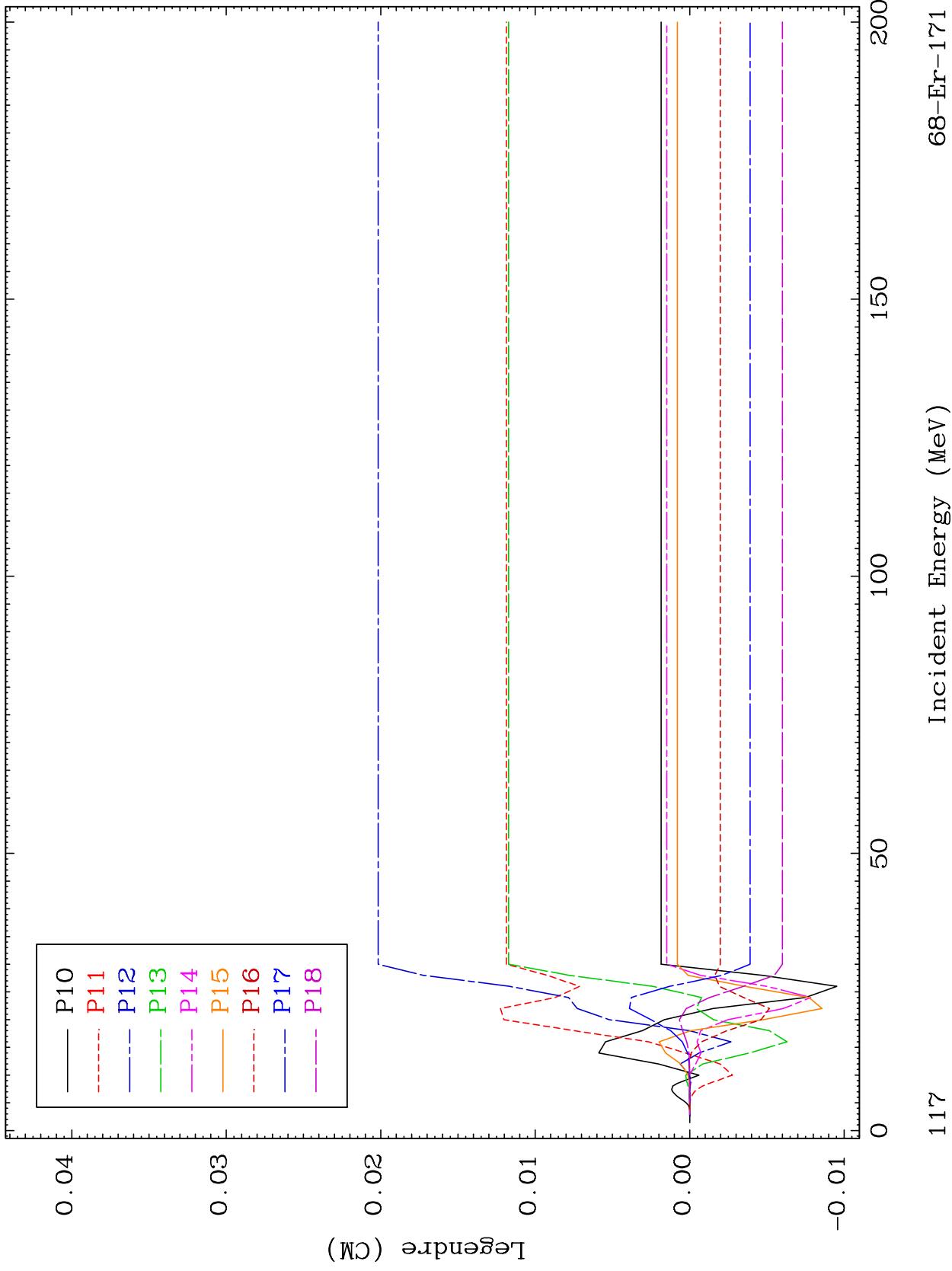
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



117

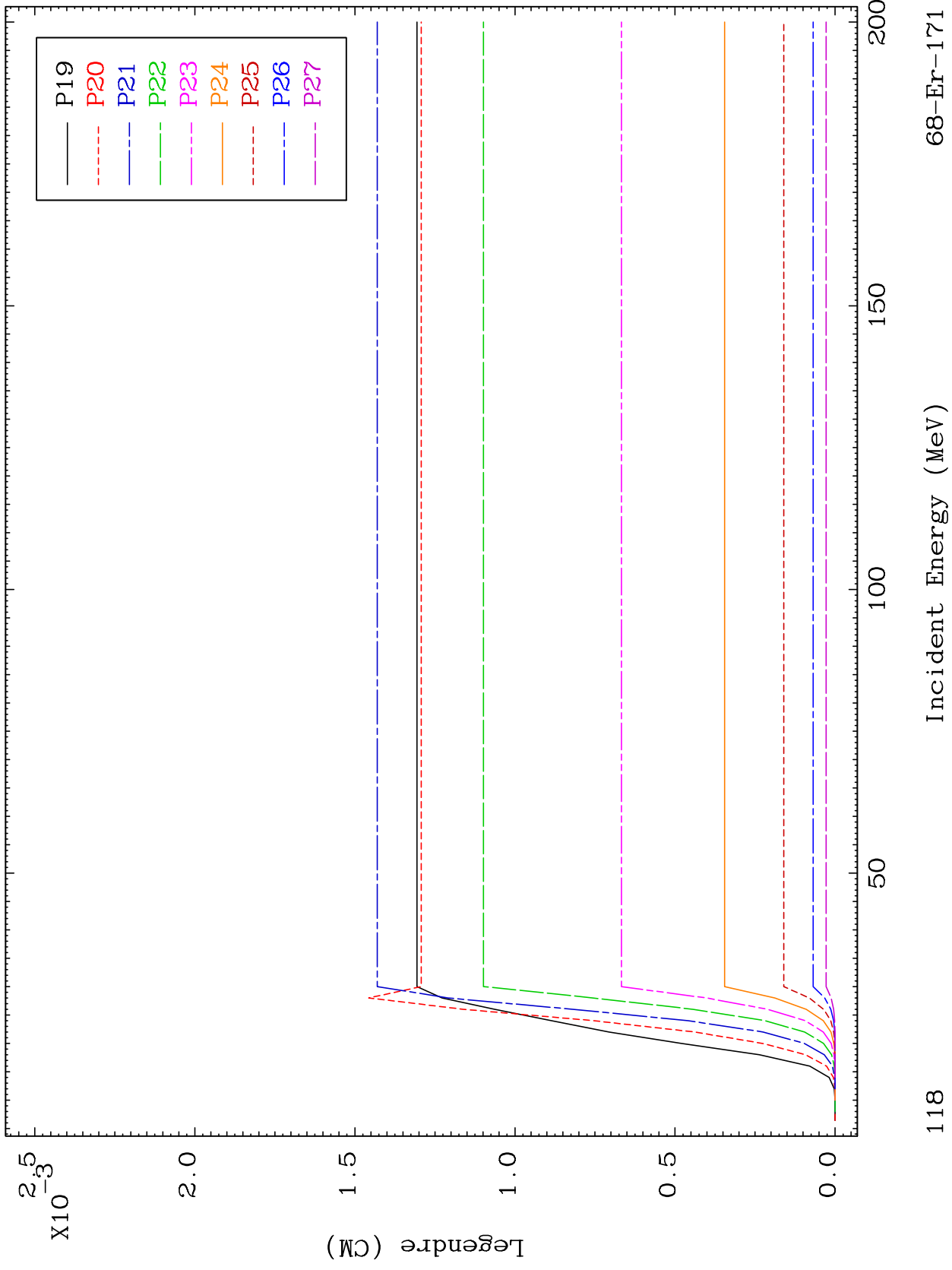
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



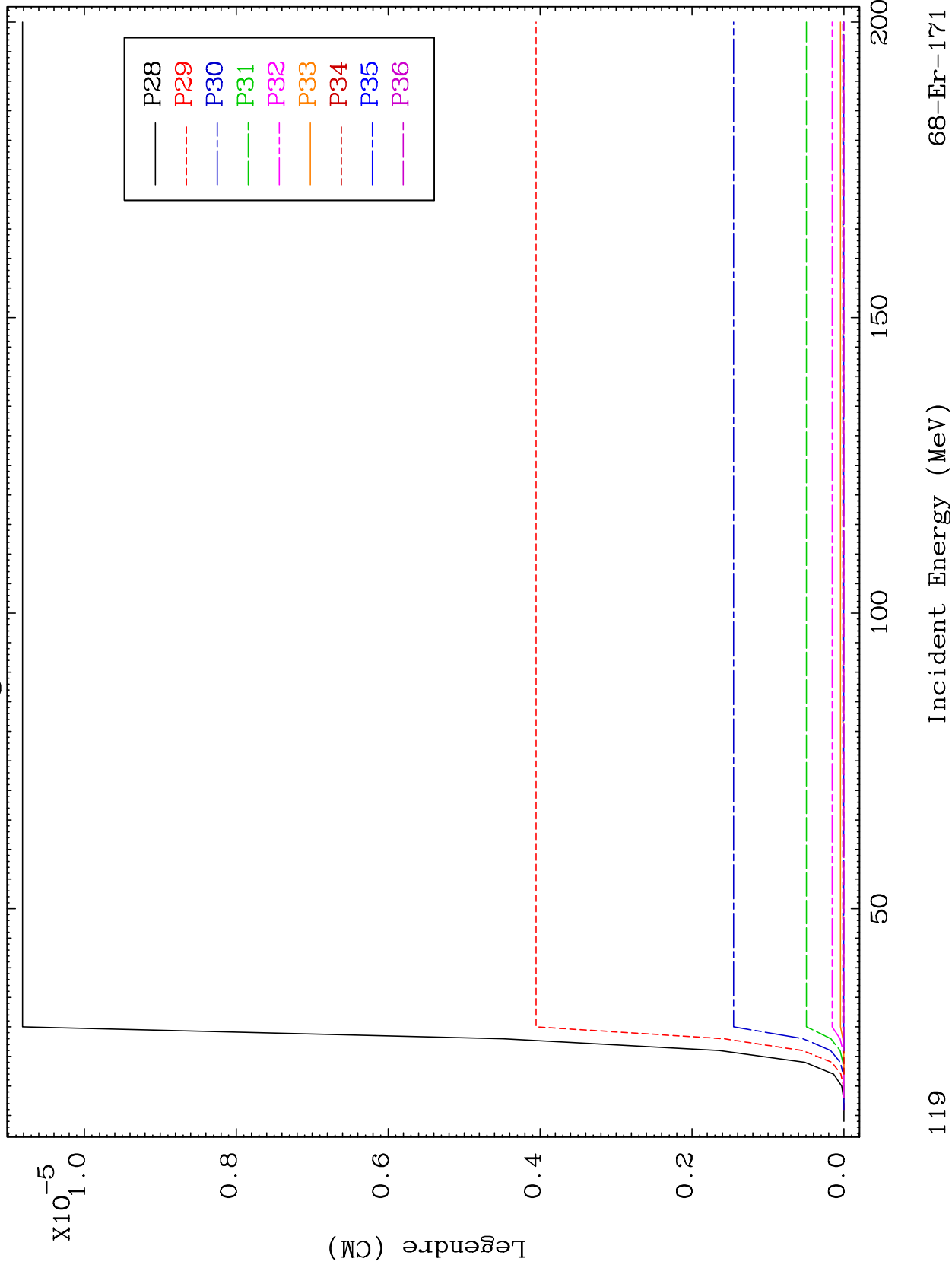
118

68-Er-171

MAT 6852

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

68-Er-171



119

Incident Energy (MeV)

68-Er-171

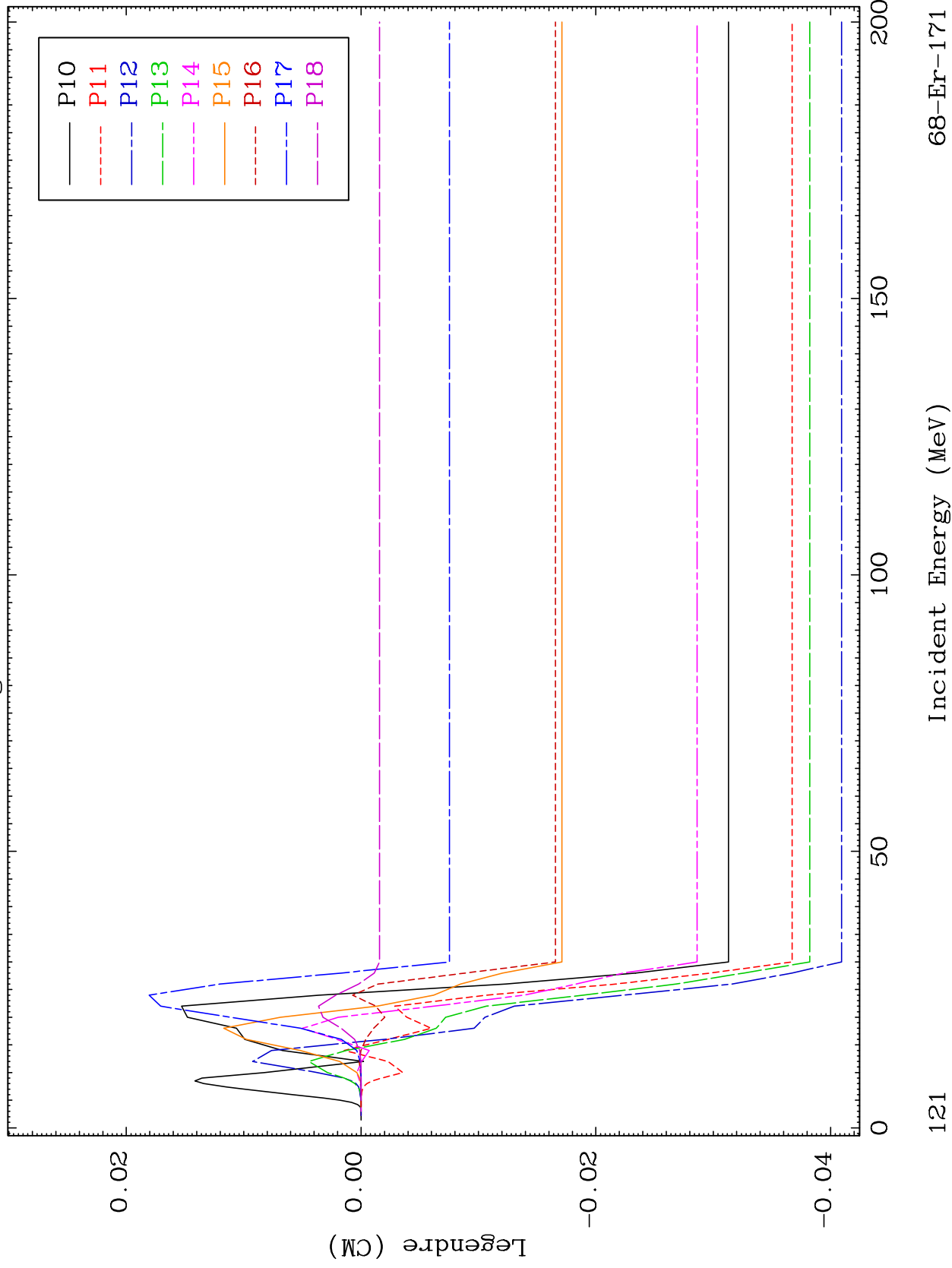




MAT 6852

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

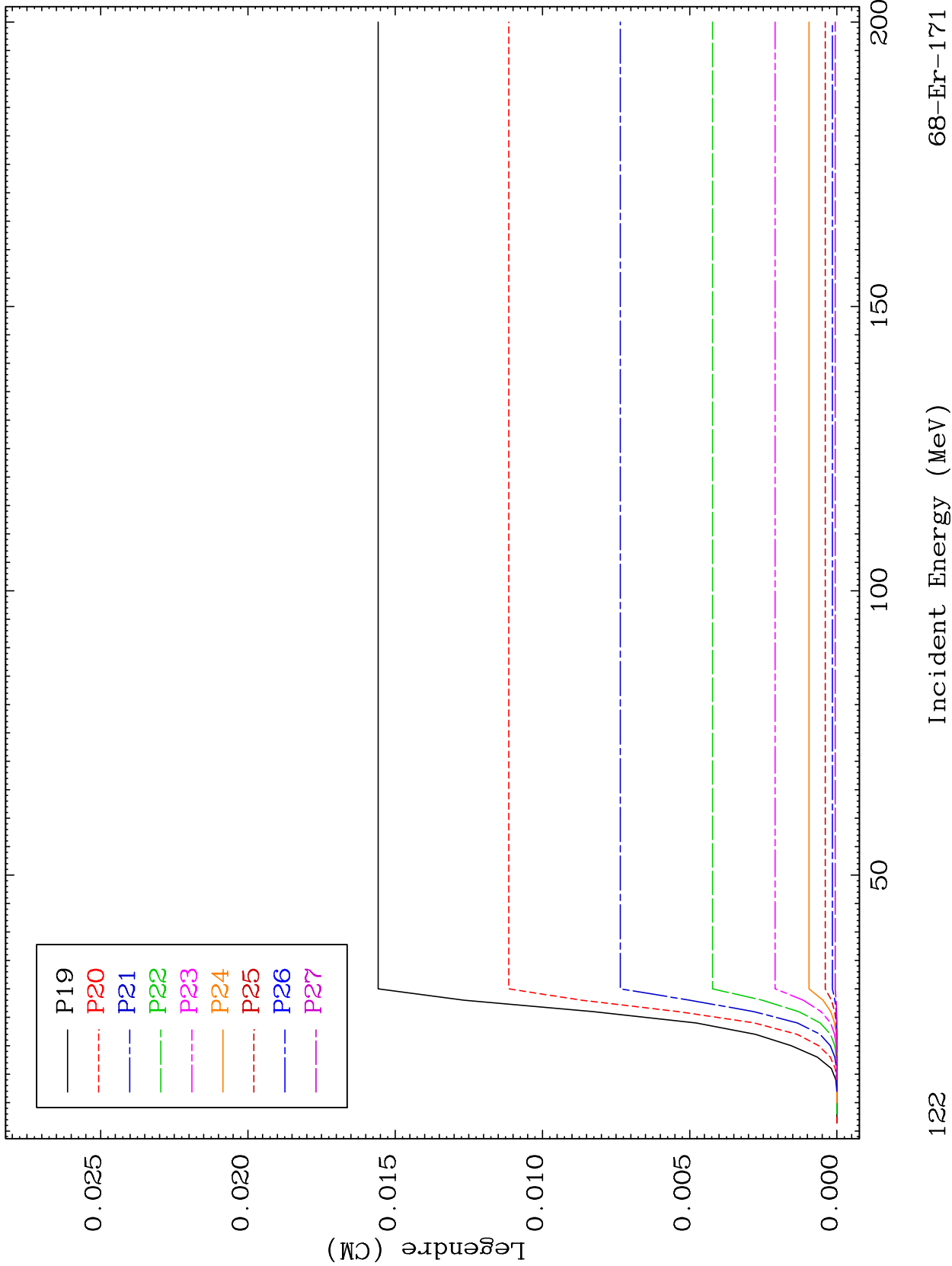
68-Er-171



68-Er-171

Incident Energy (MeV)

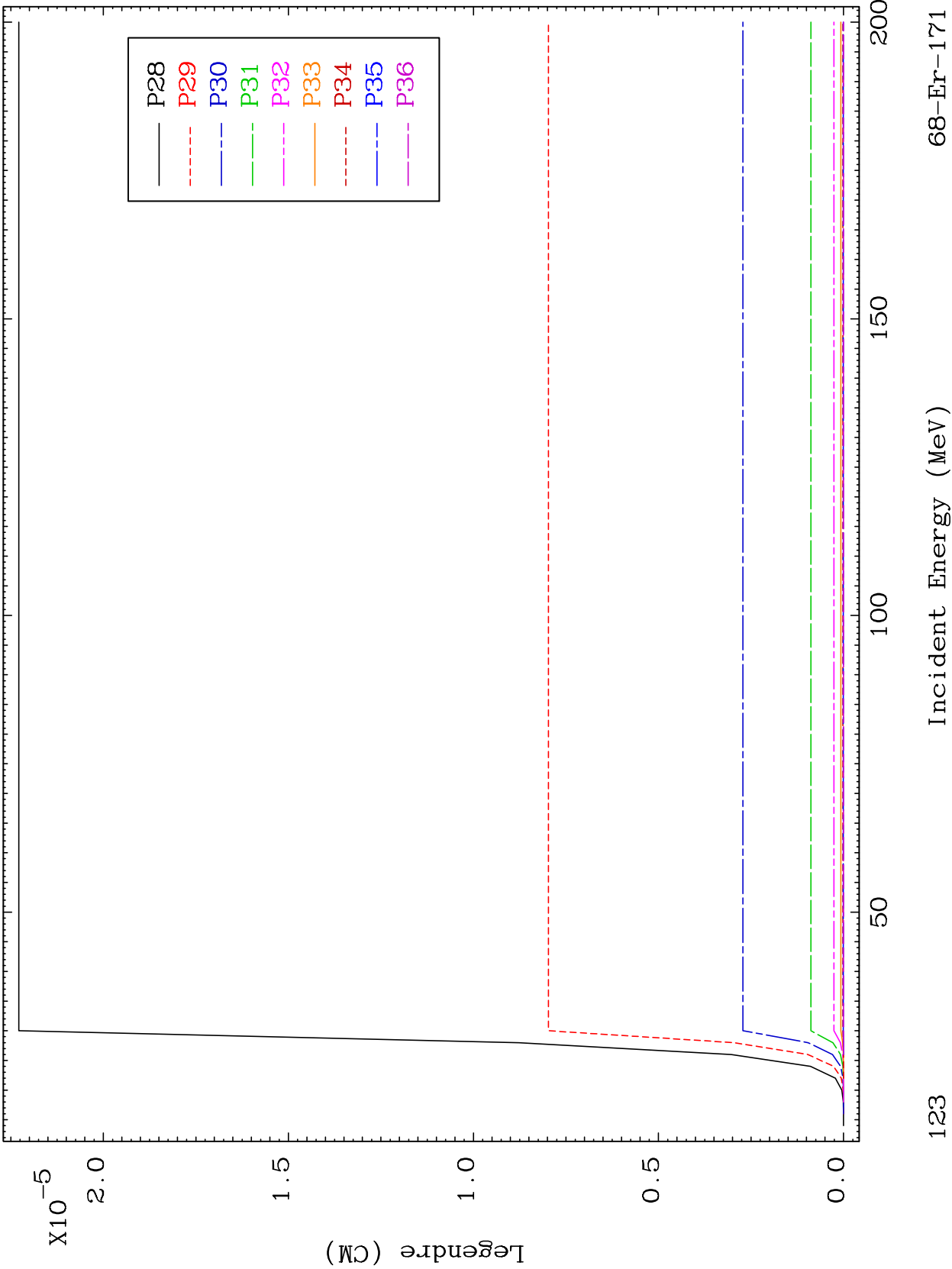
121



MAT 6852

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

68-Er-171



123

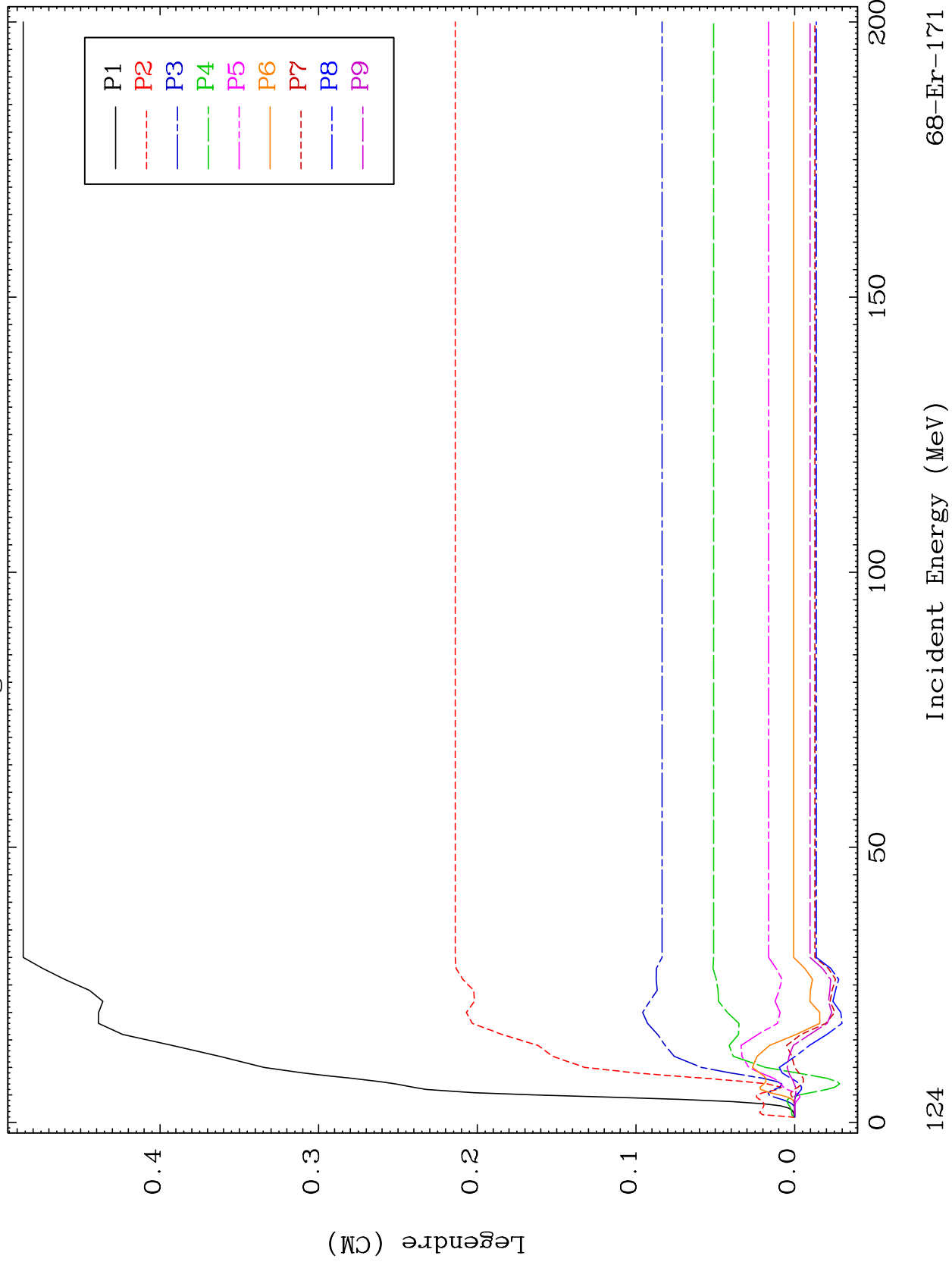
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



68-Er-171

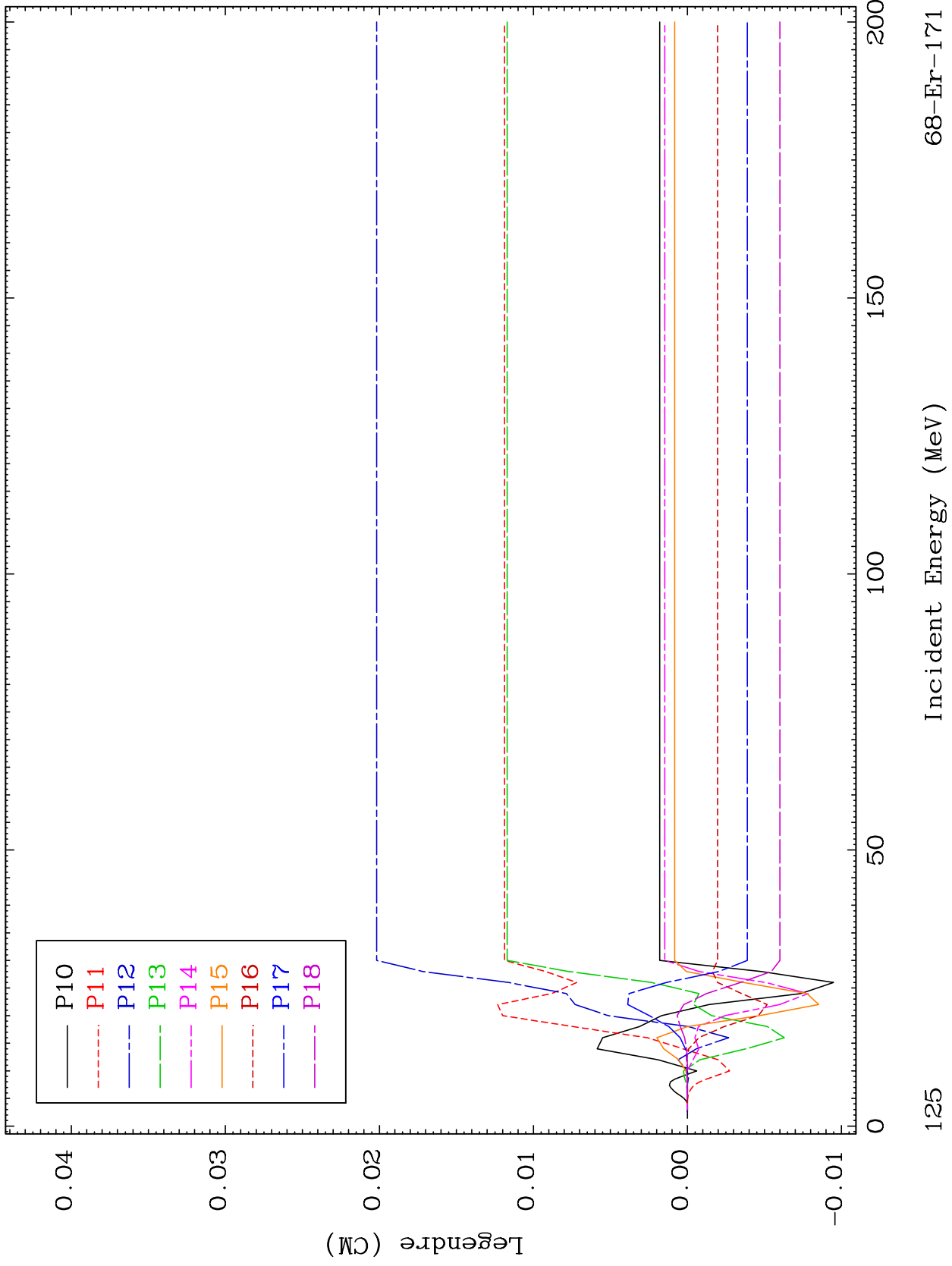
Incident Energy (MeV)

124

MAT 6852

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

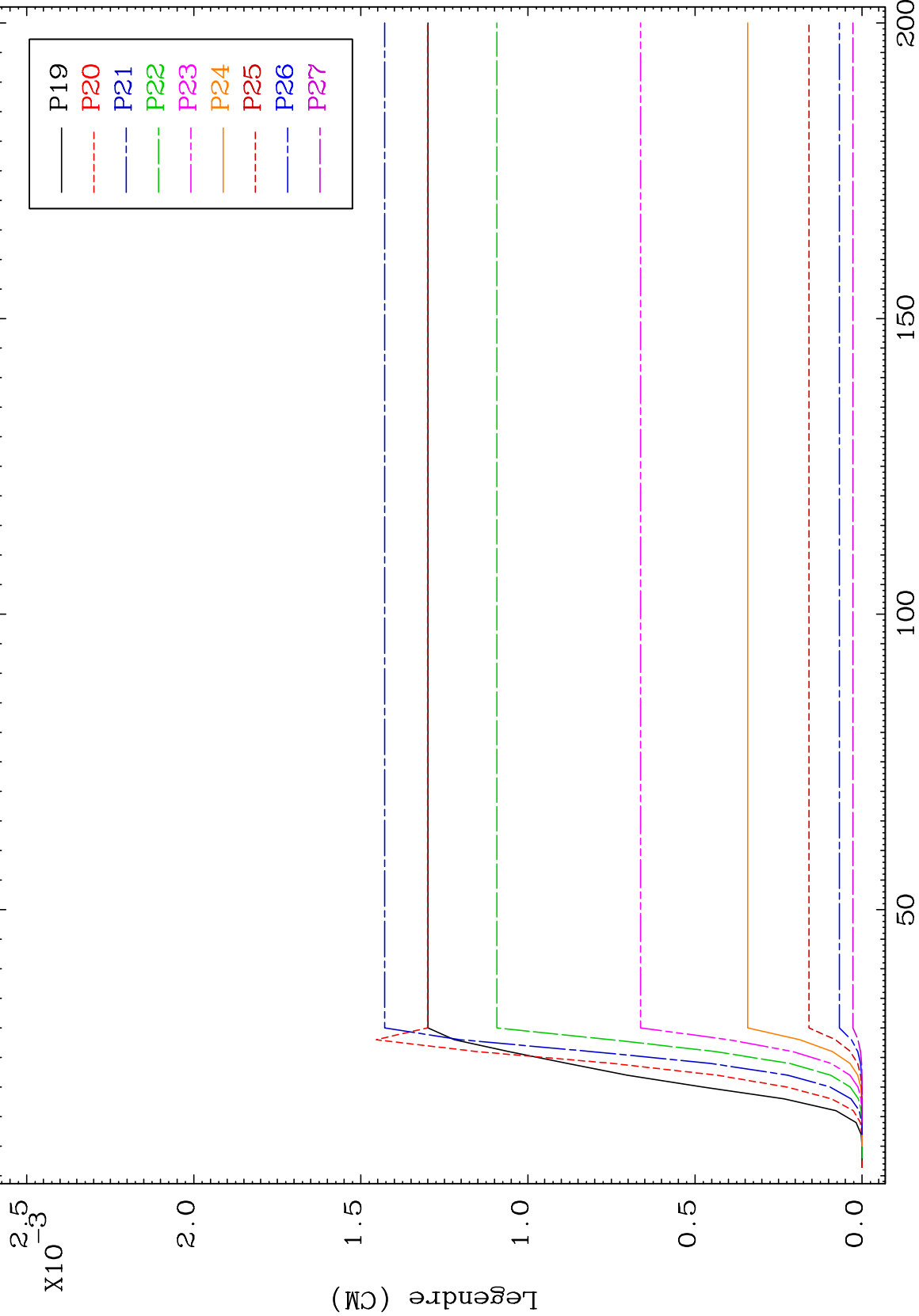
68-Er-171



68-Er-171

Incident Energy (MeV)

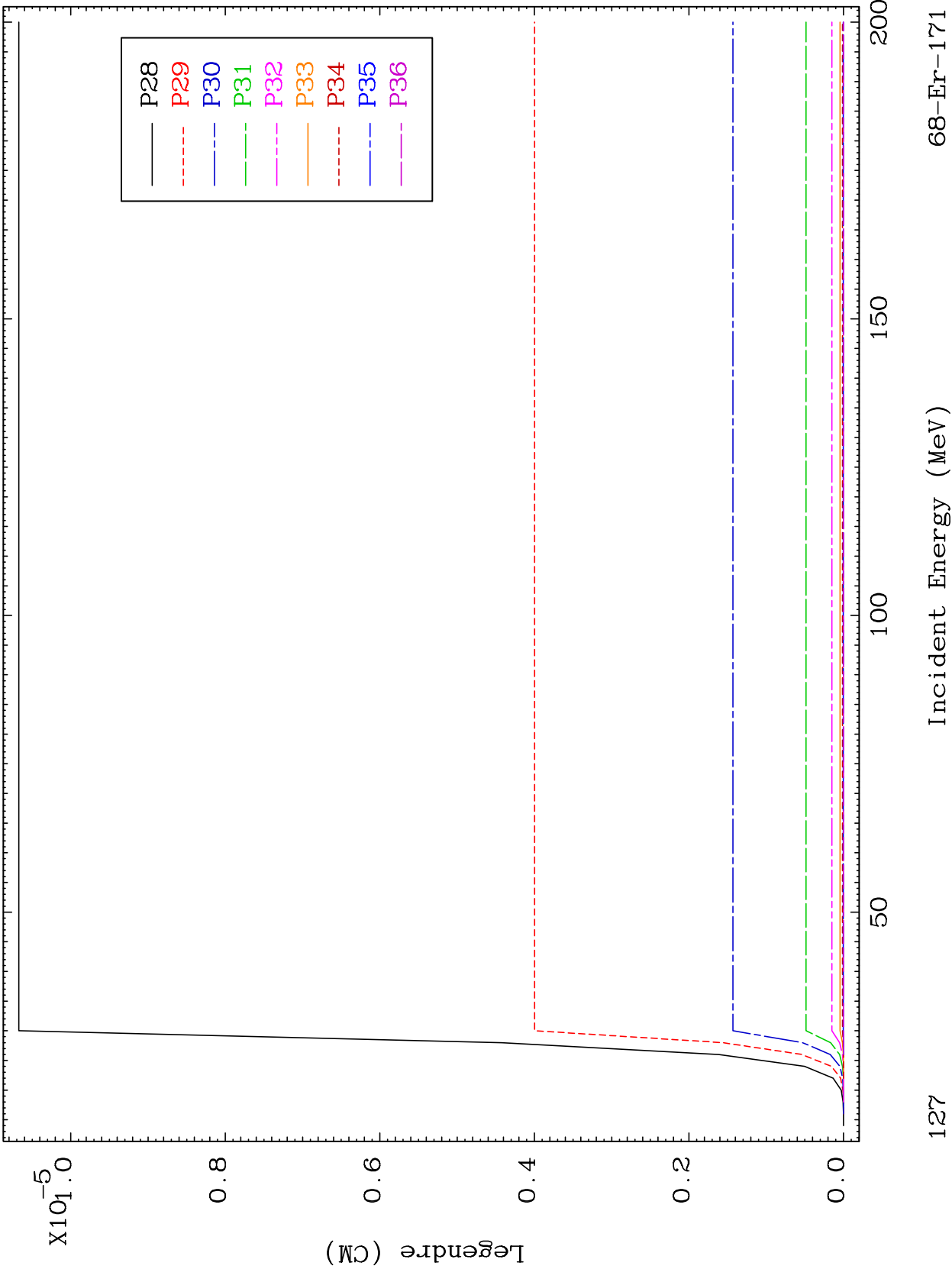
125



MAT 6852

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

68-Er-171



127

Incident Energy (MeV)

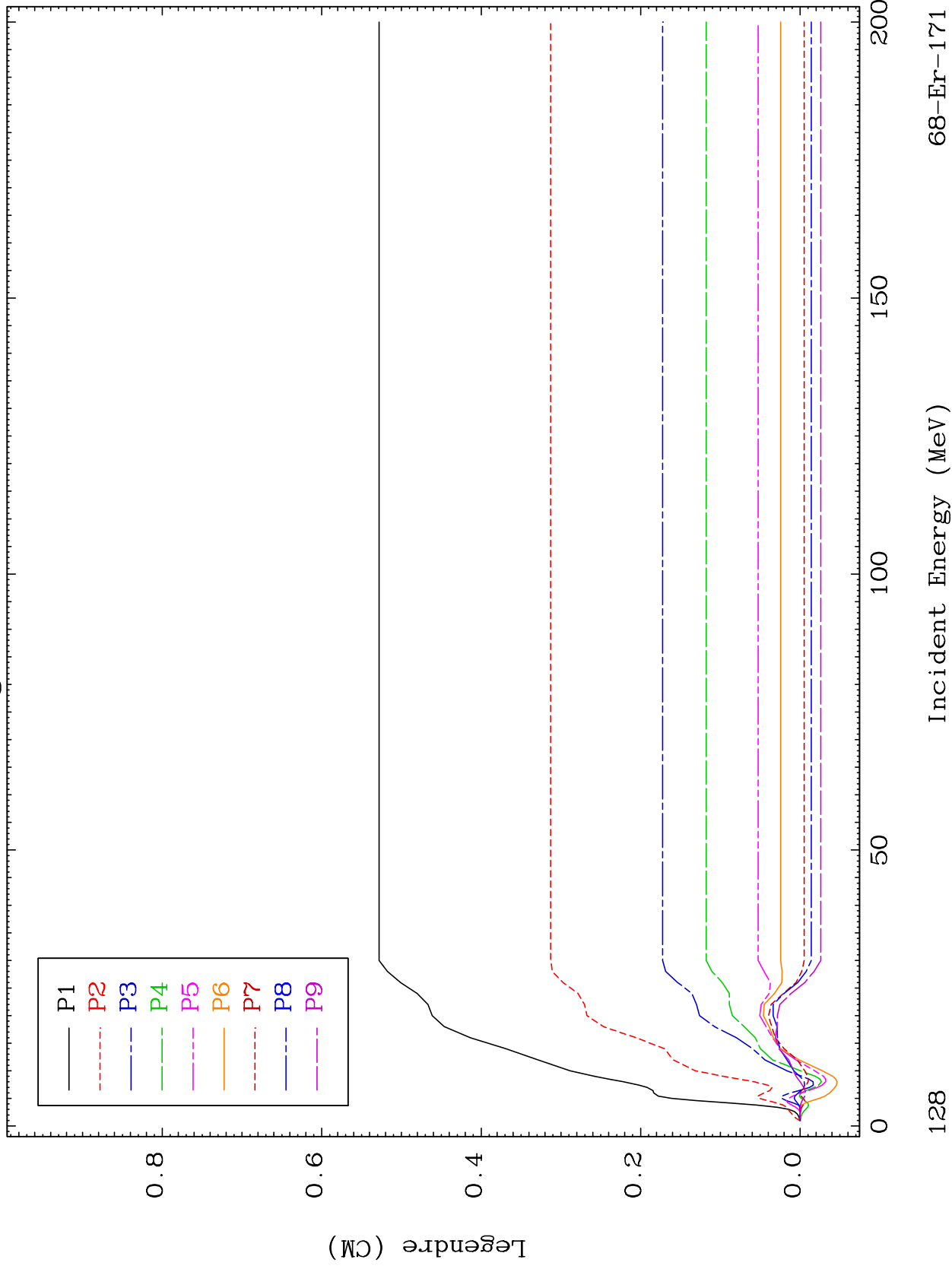
68-Er-171



MAT 6852

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

68-Er-171



68-Er-171

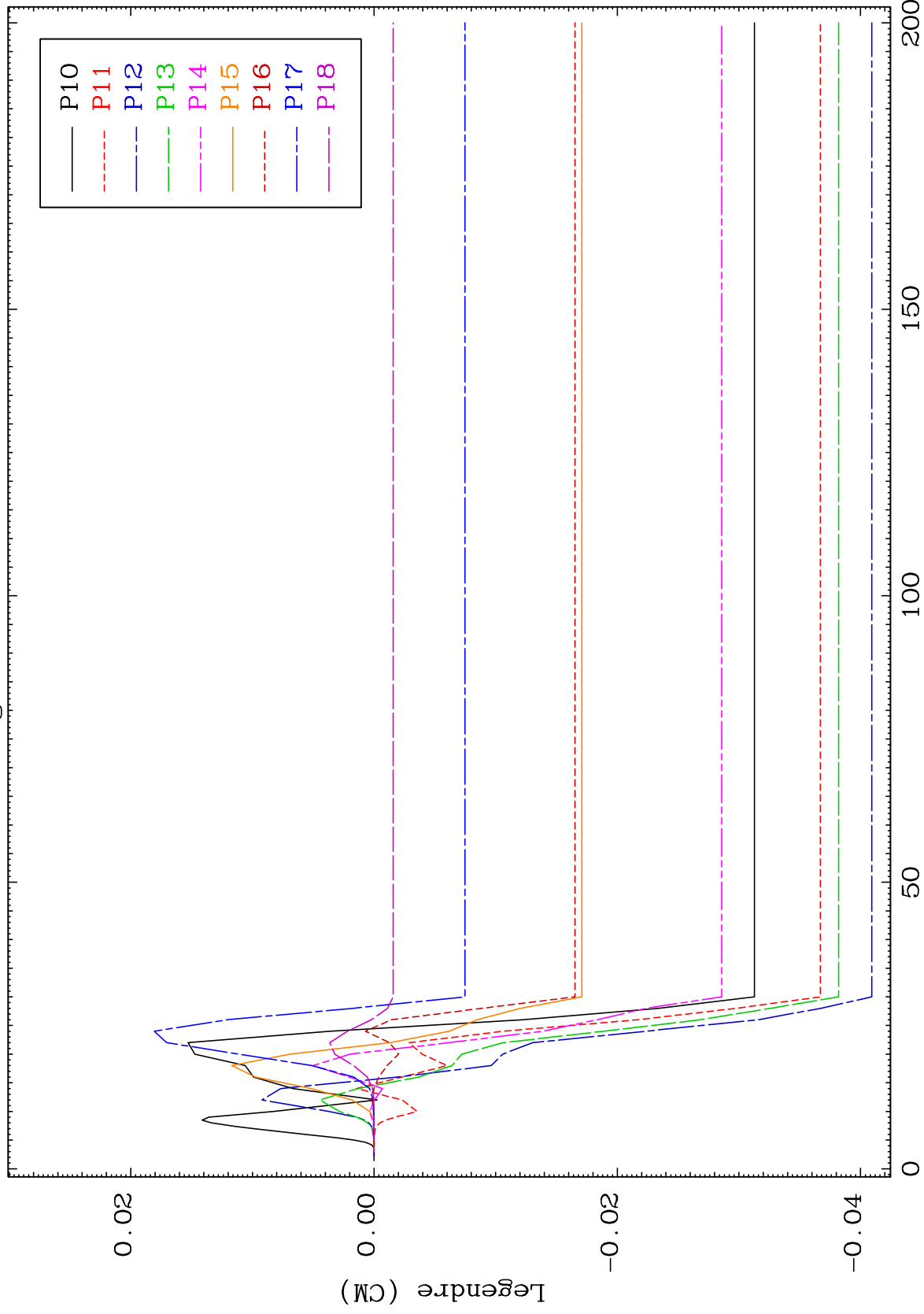
Incident Energy (MeV)

128

MAT 6852

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

68-Er-171



129

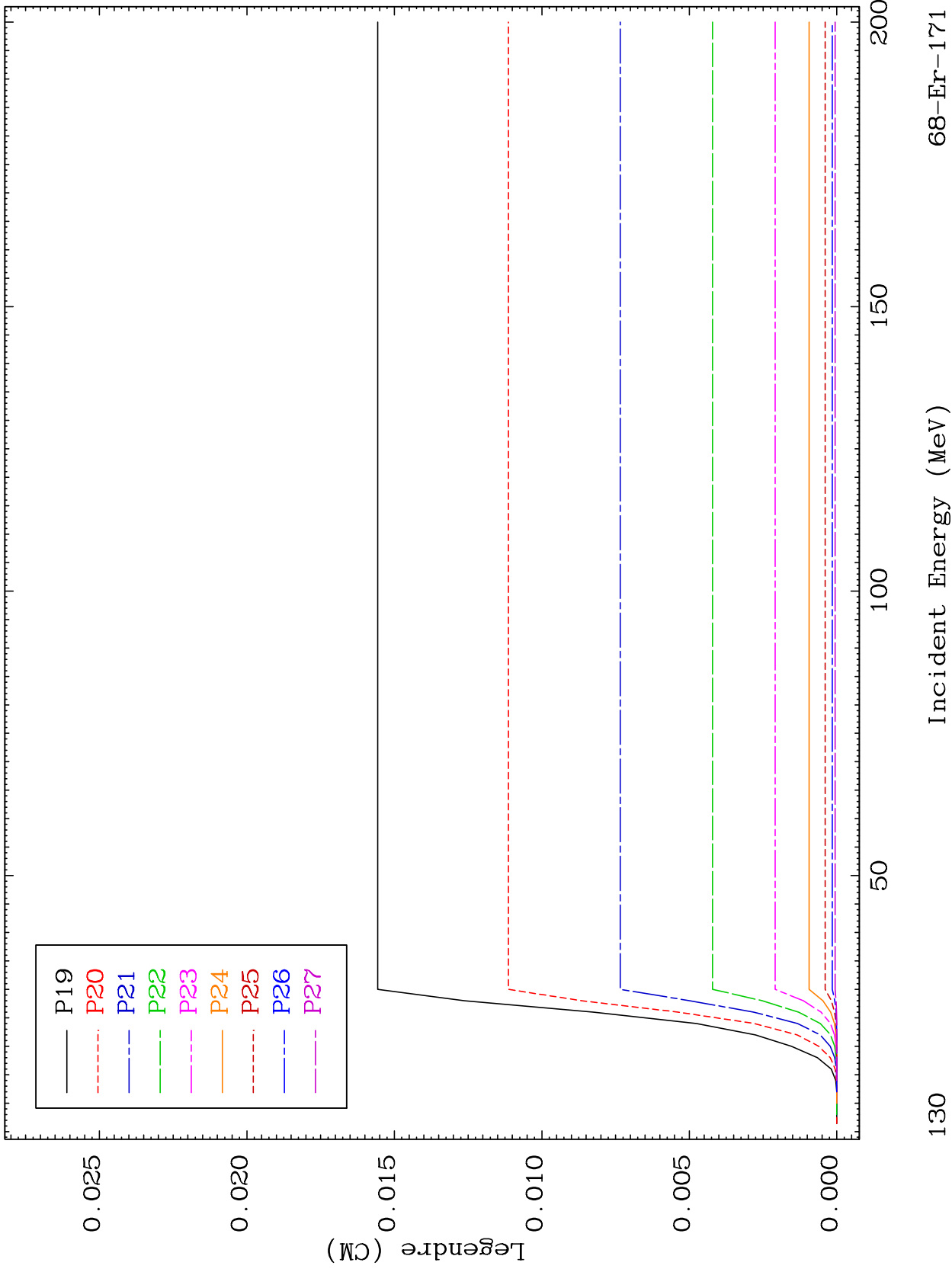
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



130

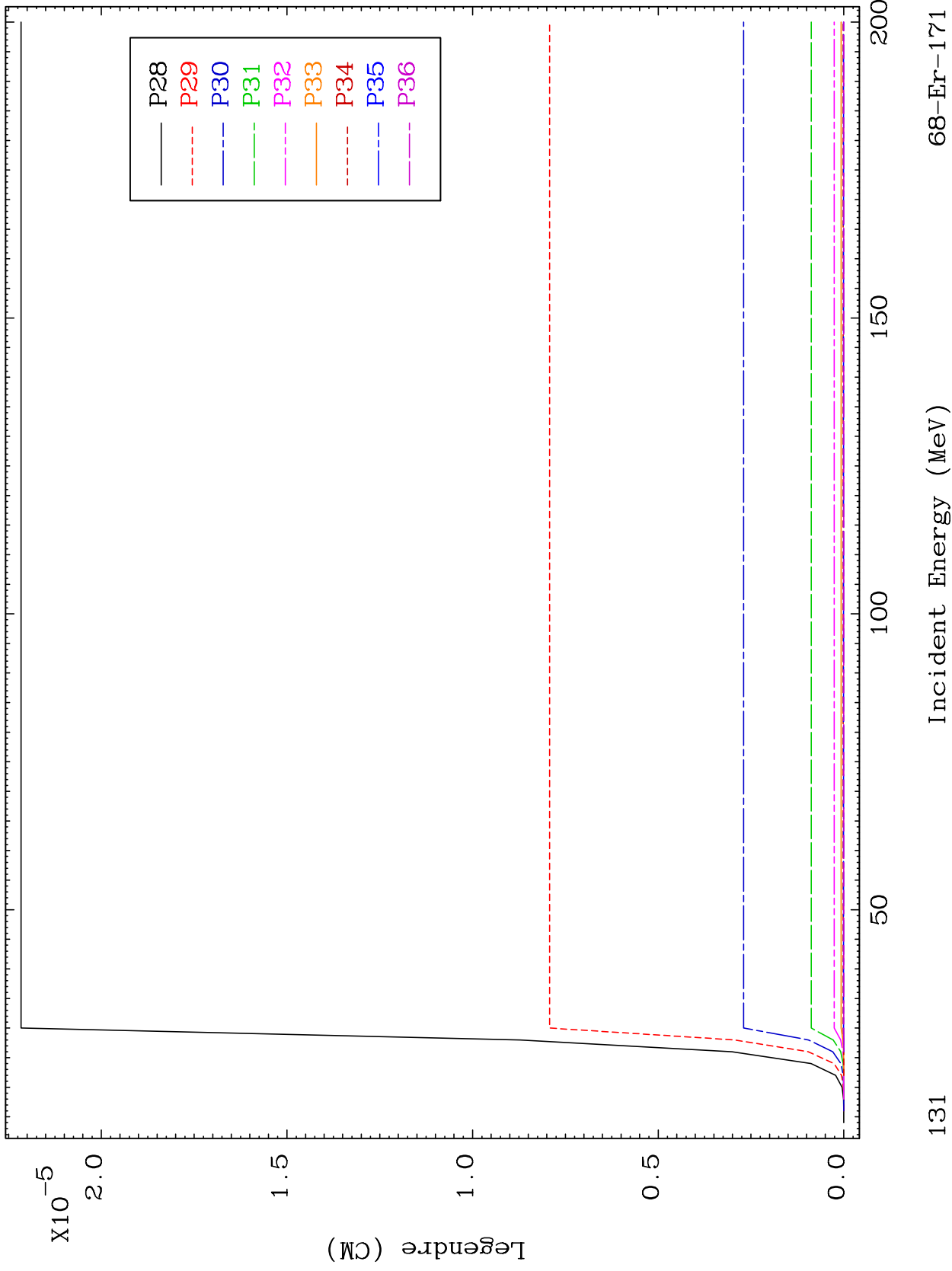
Incident Energy (MeV)

68-Er-171

MAT 6852

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

68-Er-171



131

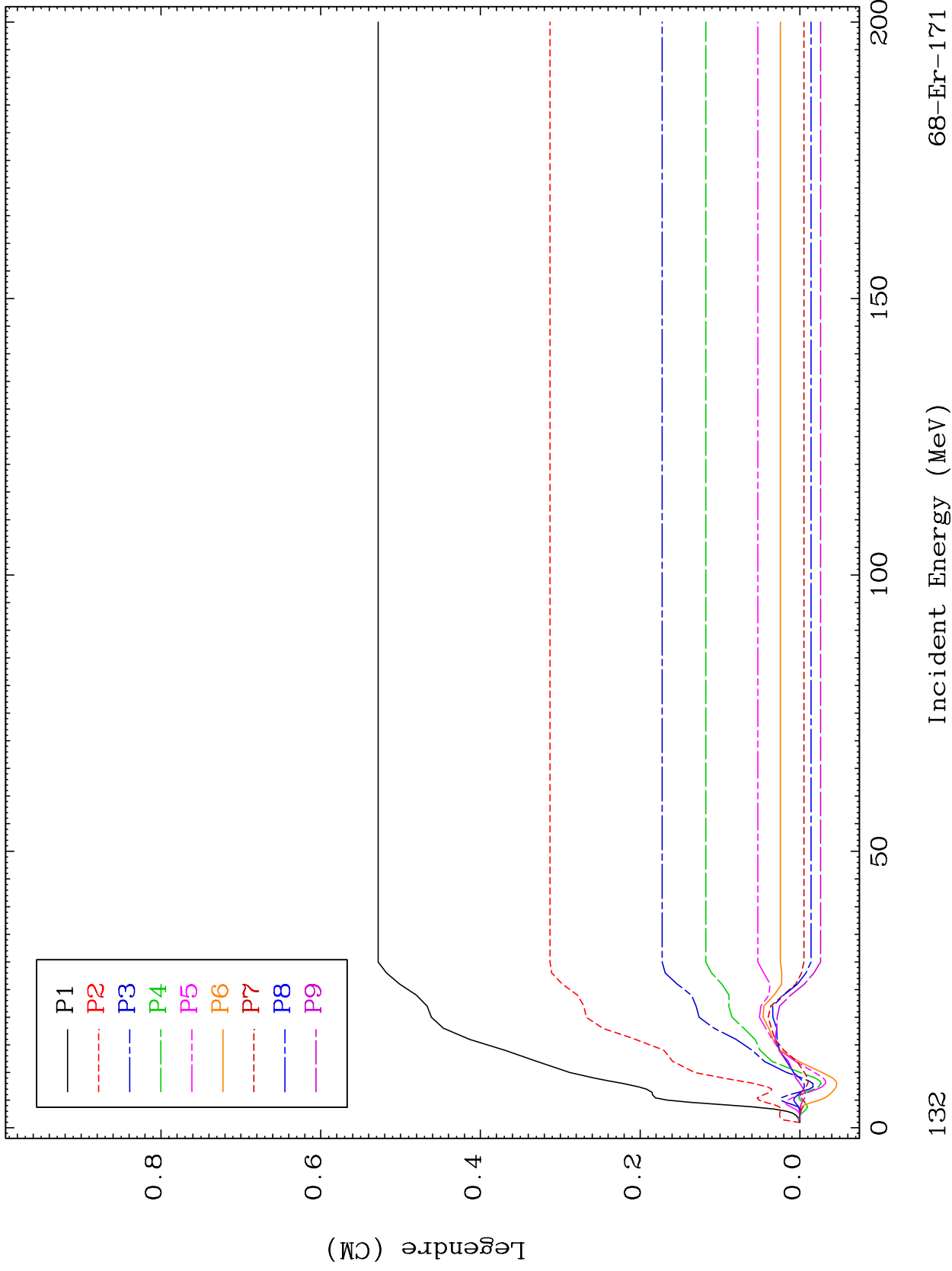
Incident Energy (MeV)

68-Er-171

MAT 6852

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

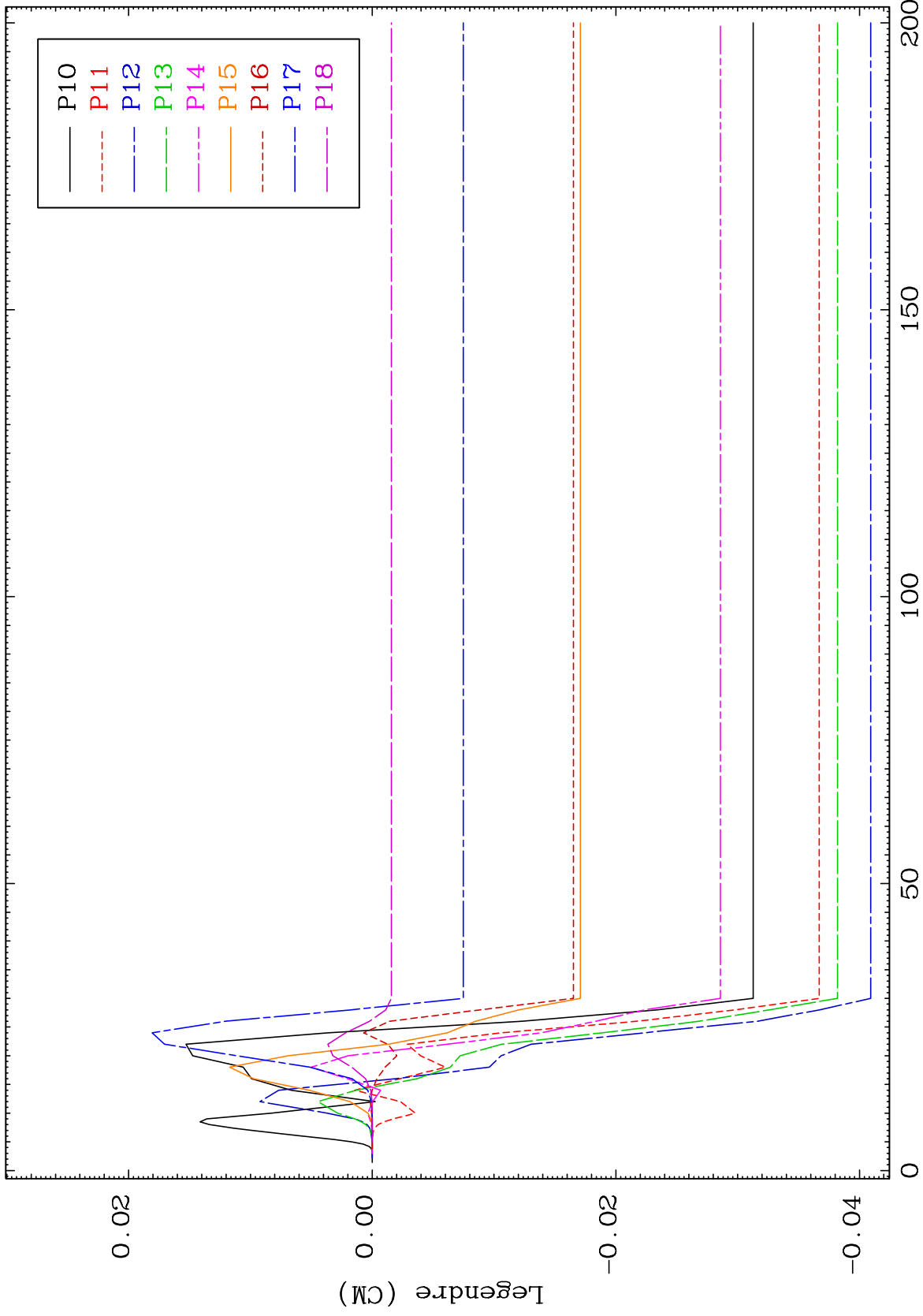
68-Er-171



MAT 6852

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

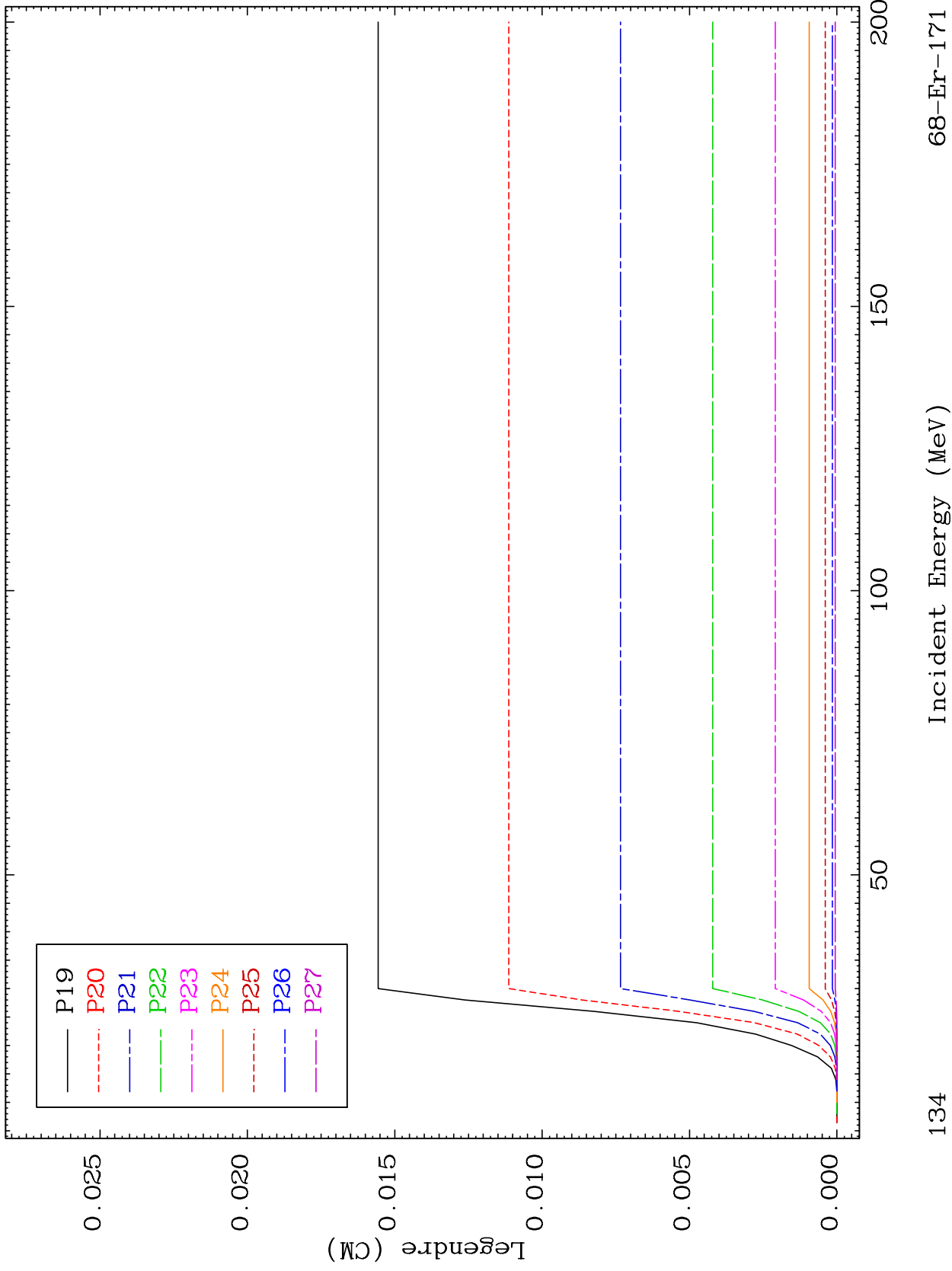
68-Er-171



133

Incident Energy (MeV)

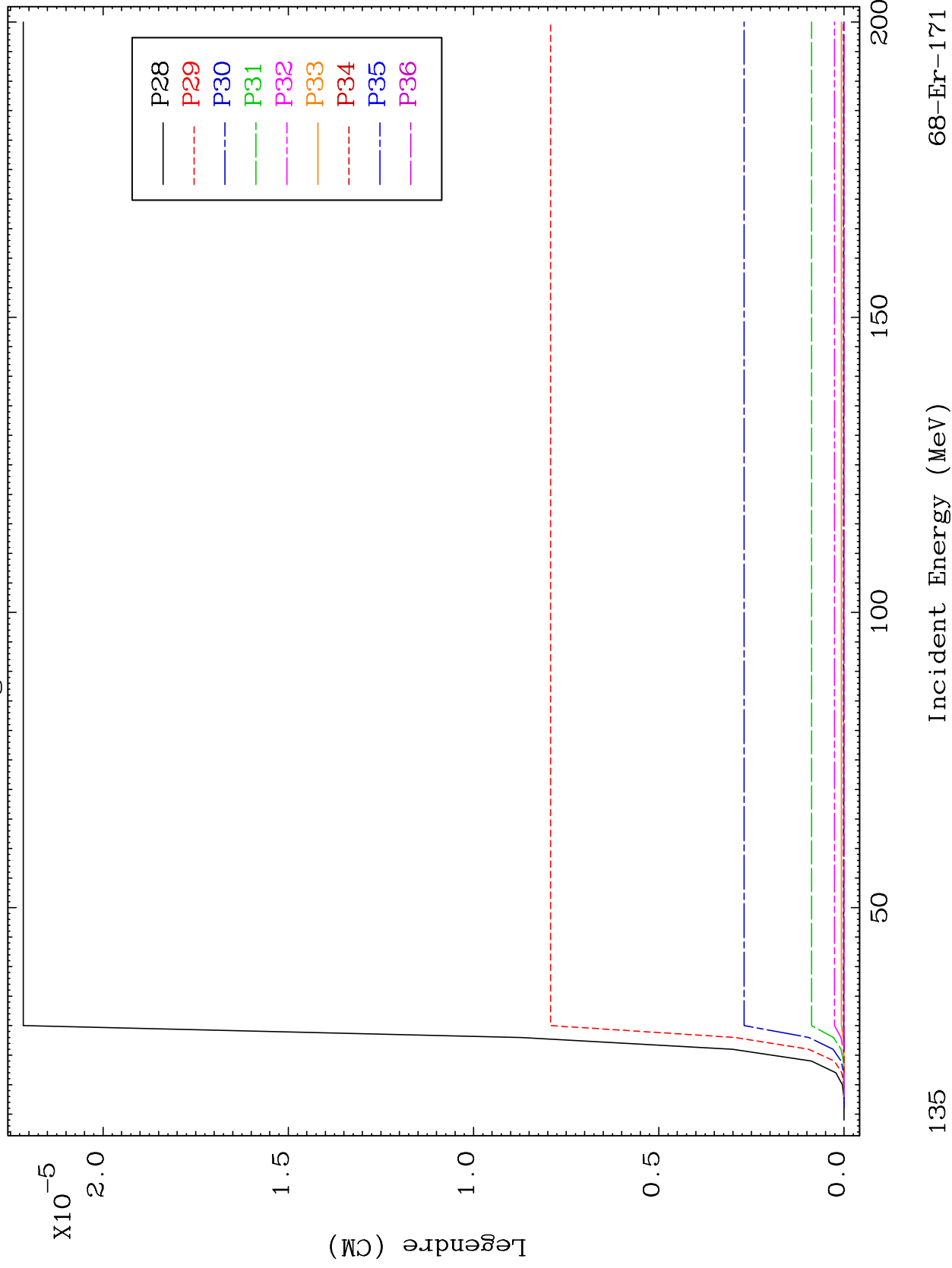
68-Er-171



MAT 6852

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

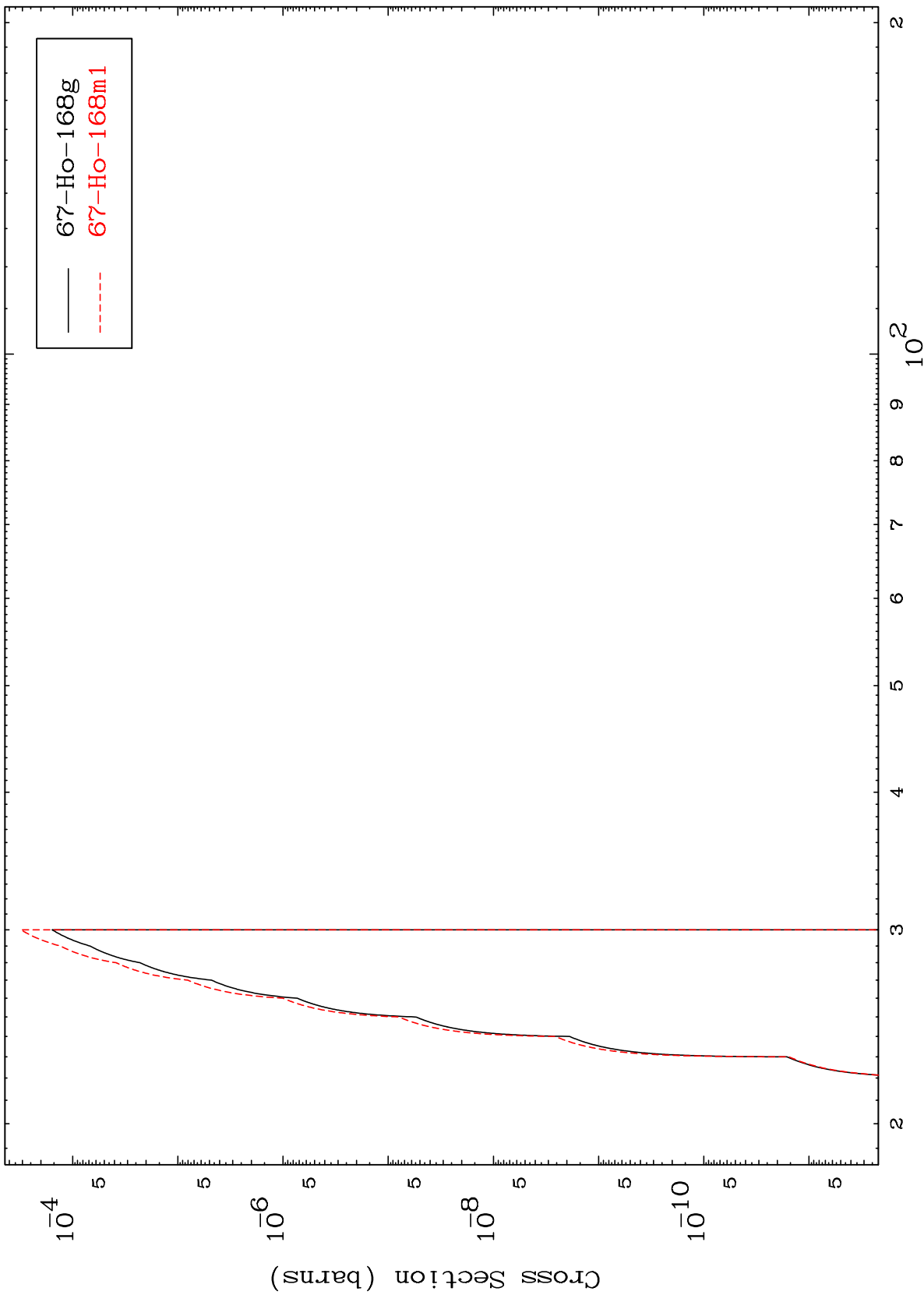
68-Er-171



135



Radionuclide Production Cross Section

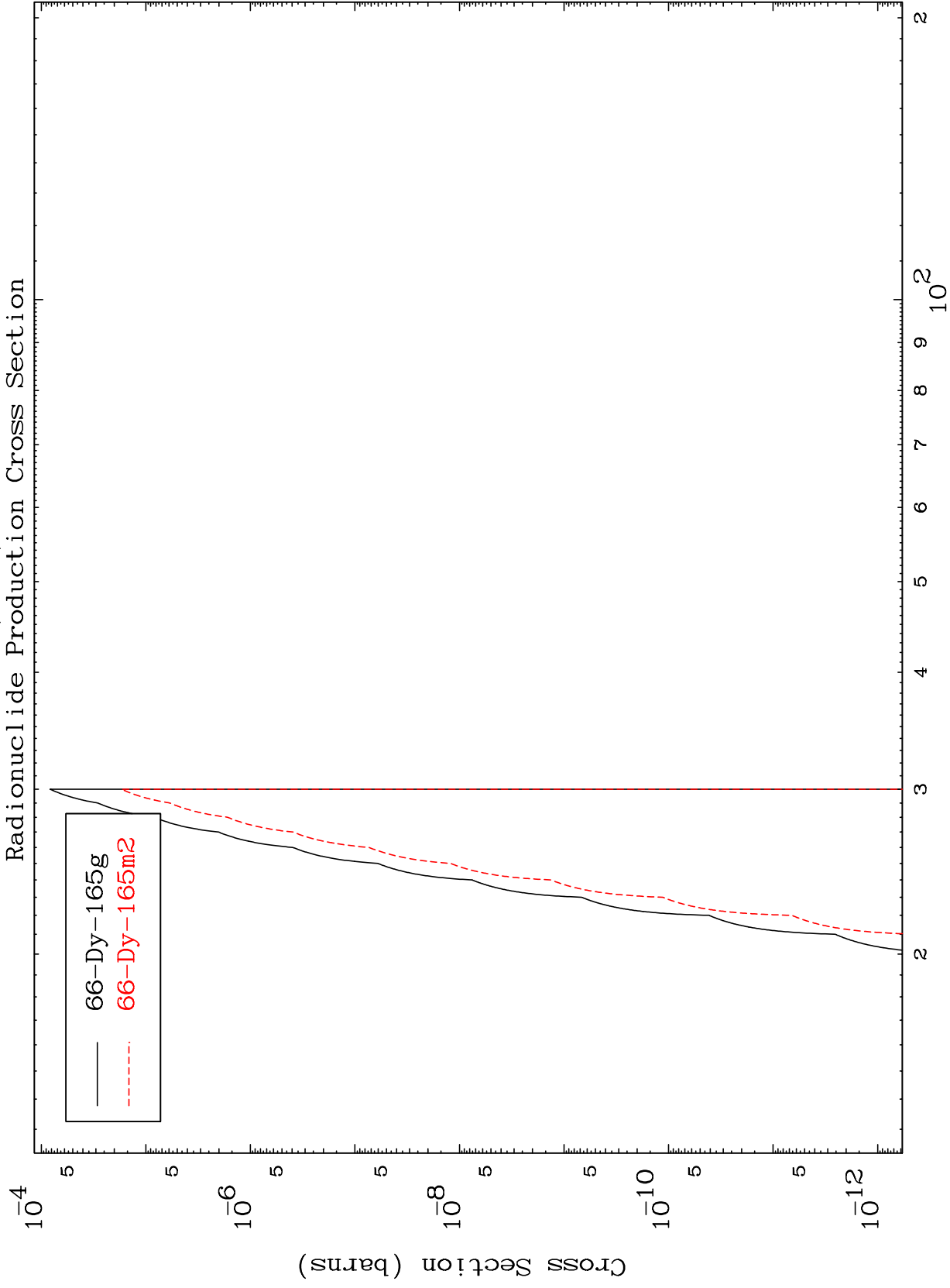


MAT 6852

(n,3n)  $\alpha$

68-Er-171

Radionuclide Production Cross Section



137

Incident Energy (MeV)

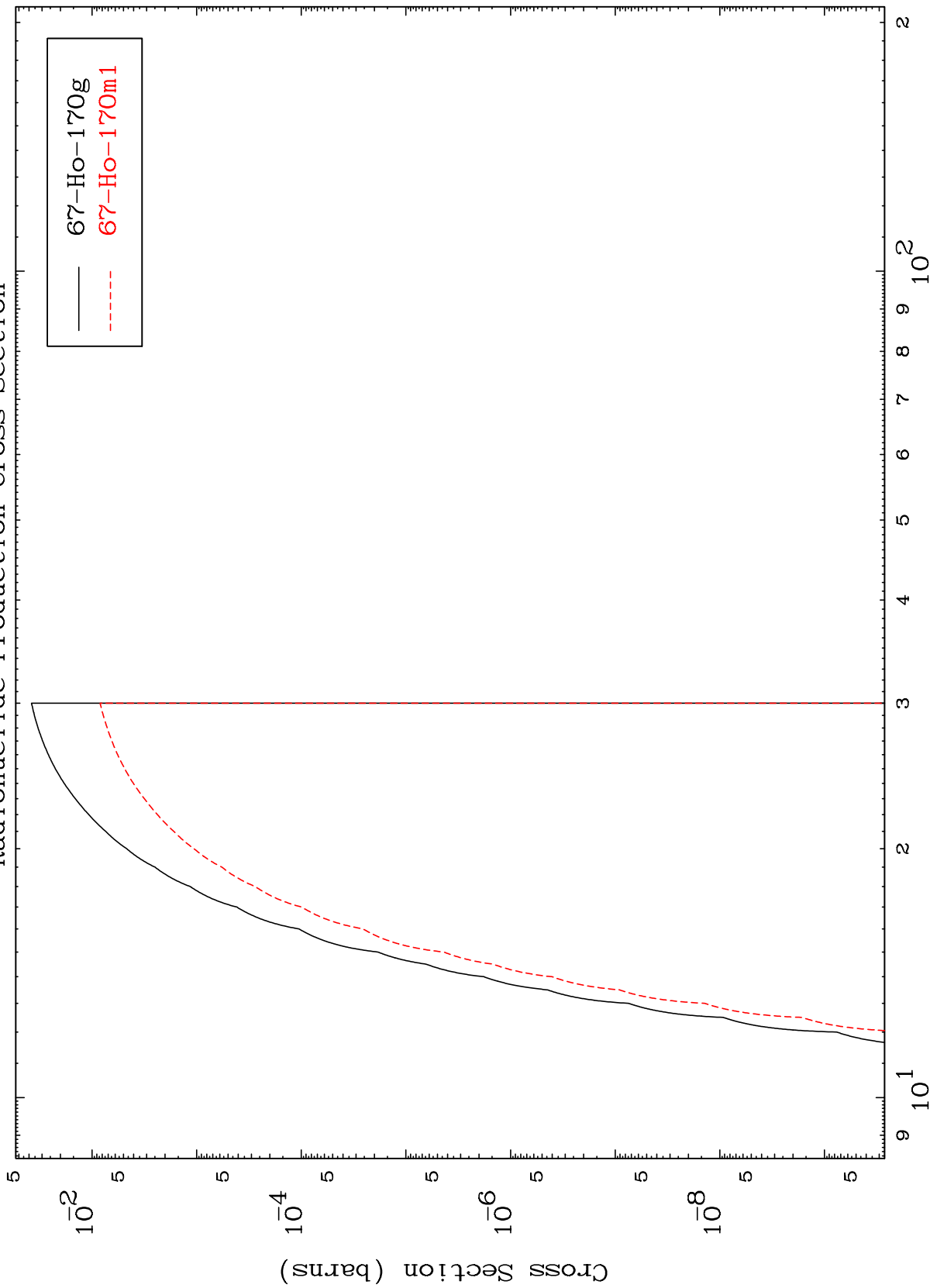
68-Er-171

MAT 6852

(n,n') p

68-Er-171

Radionuclide Production Cross Section

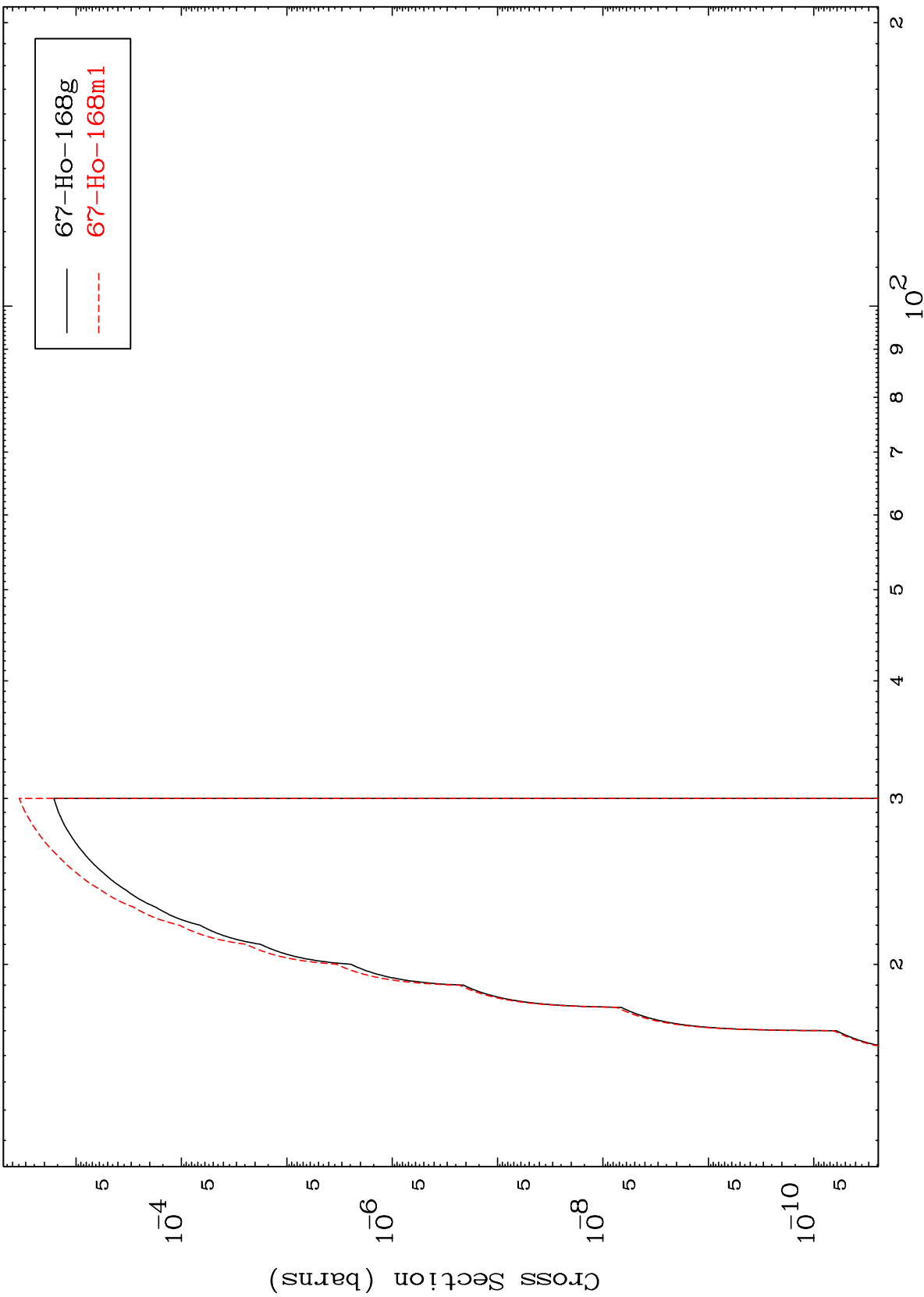


138

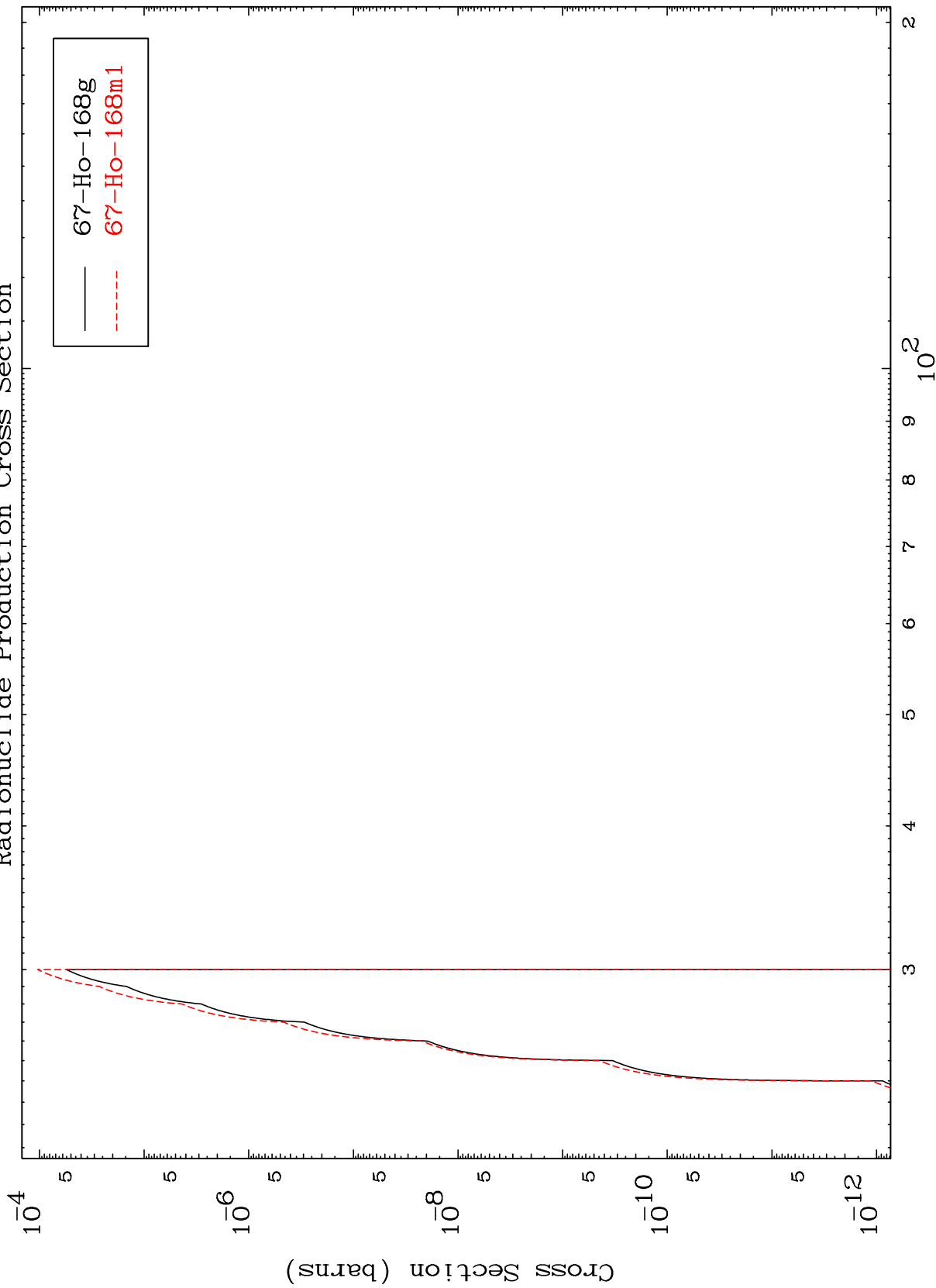
Incident Energy (MeV)

68-Er-171

Radionuclide Production Cross Section



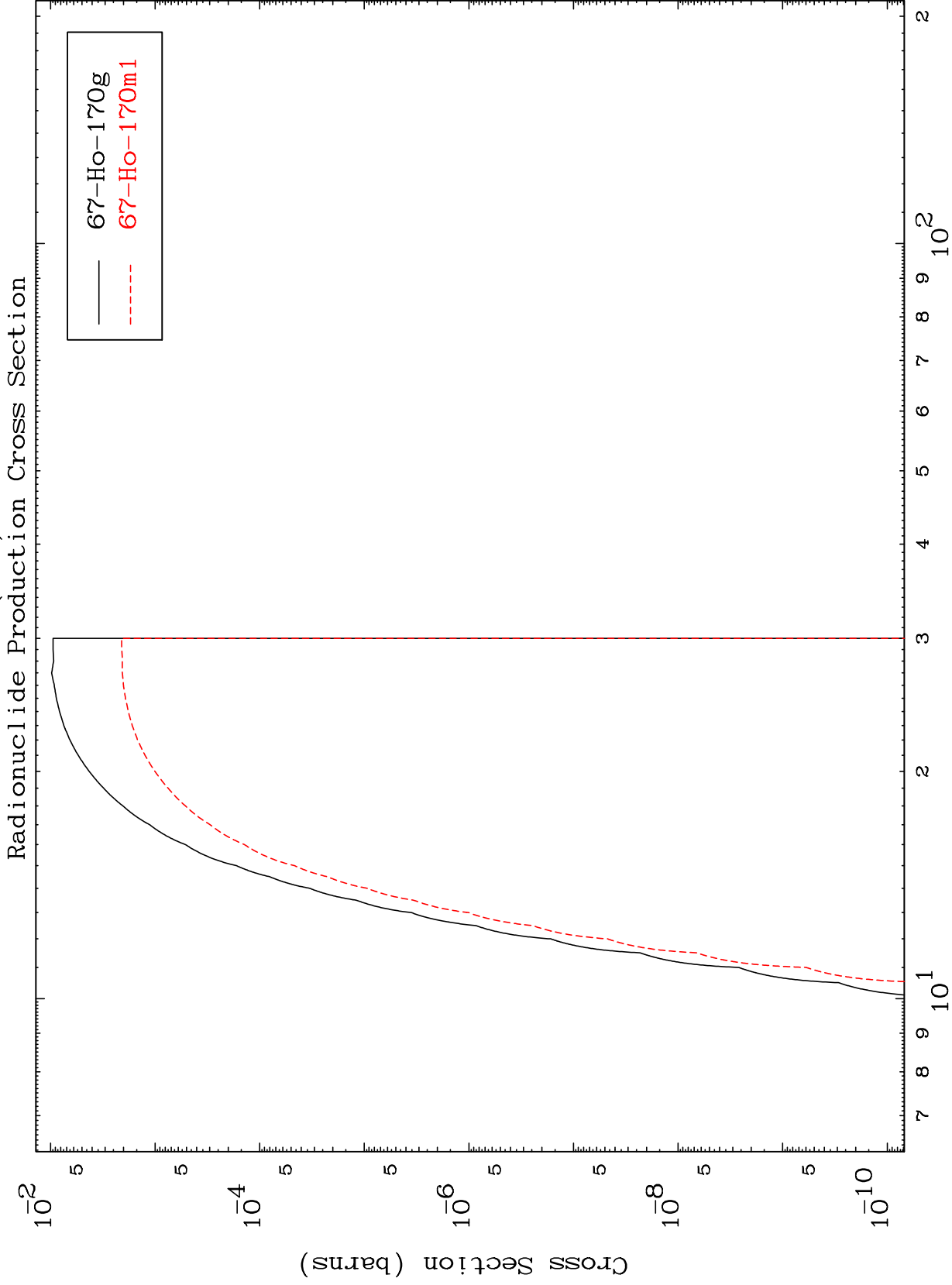
Radionuclide Production Cross Section



MAT 6852

(n,d)

68-Er-171



141

Incident Energy (MeV)

68-Er-171