

Program EVALPLOT  
(Version 2018-1)

by

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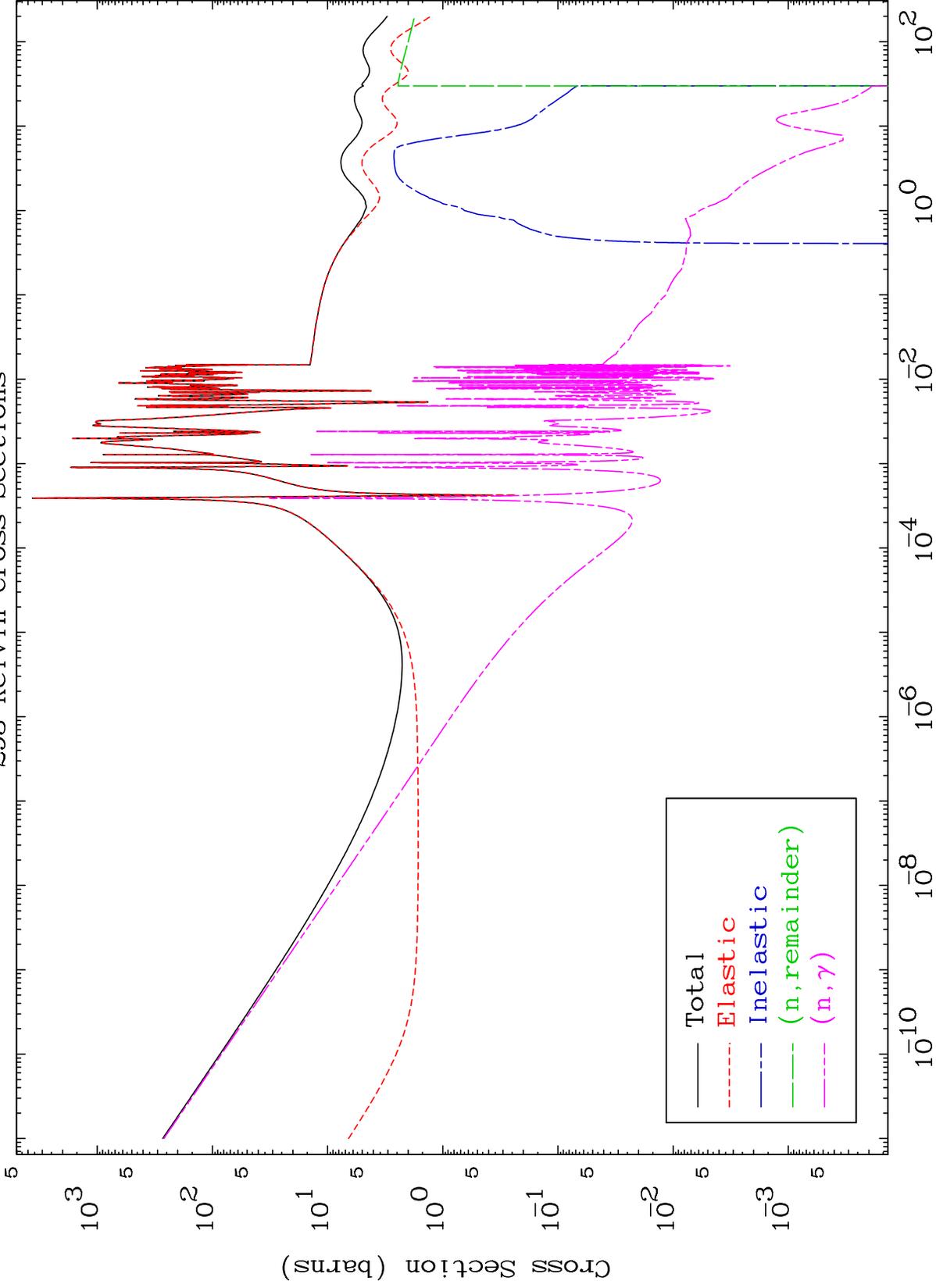
Press Mouse Button to Start

MAT 8331

Major

293 Kelvin Cross Sections

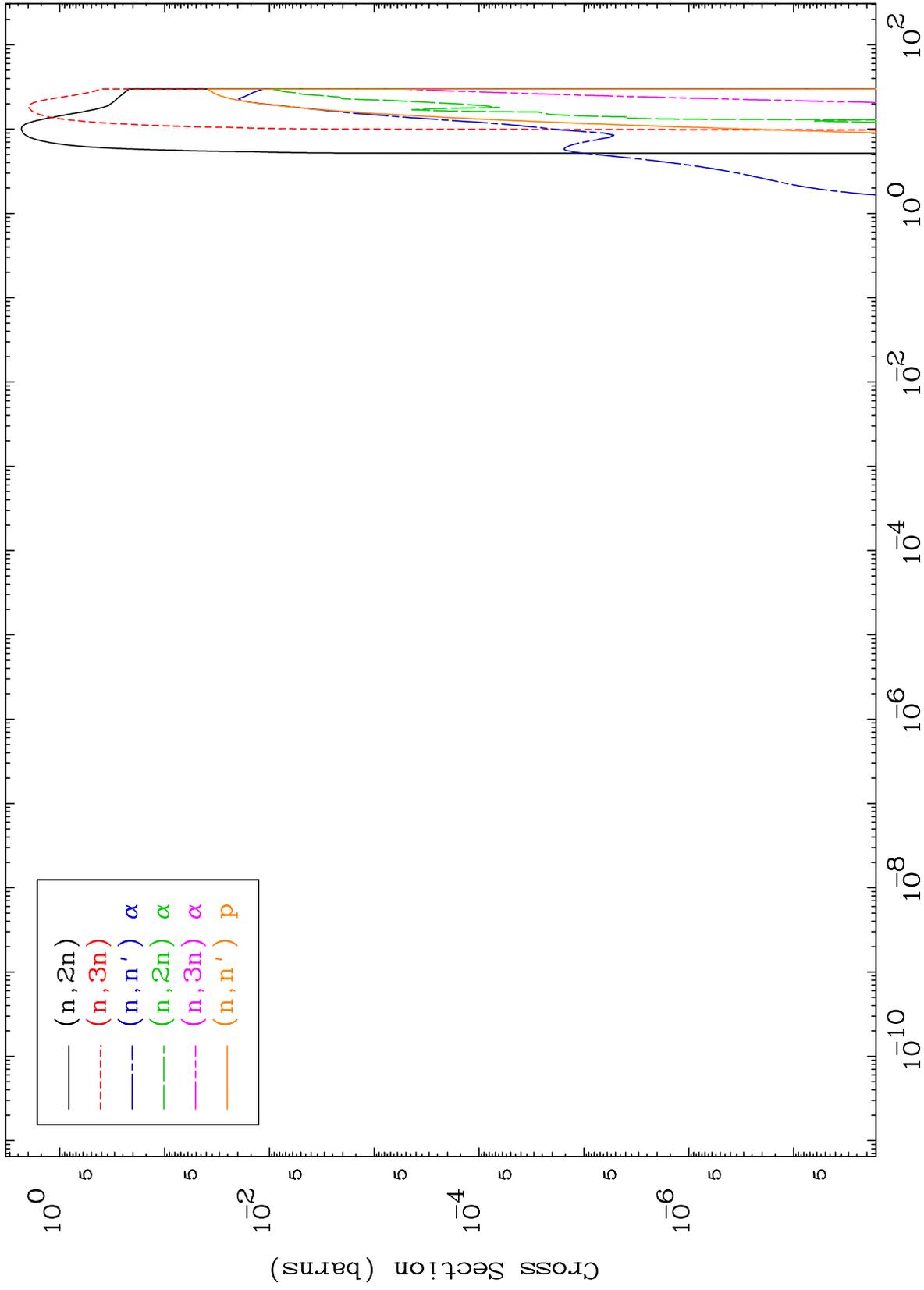
83-Bi-211



MAT 8331

Neutron Production  
293 Kelvin Cross Sections

83-Bi-211



2

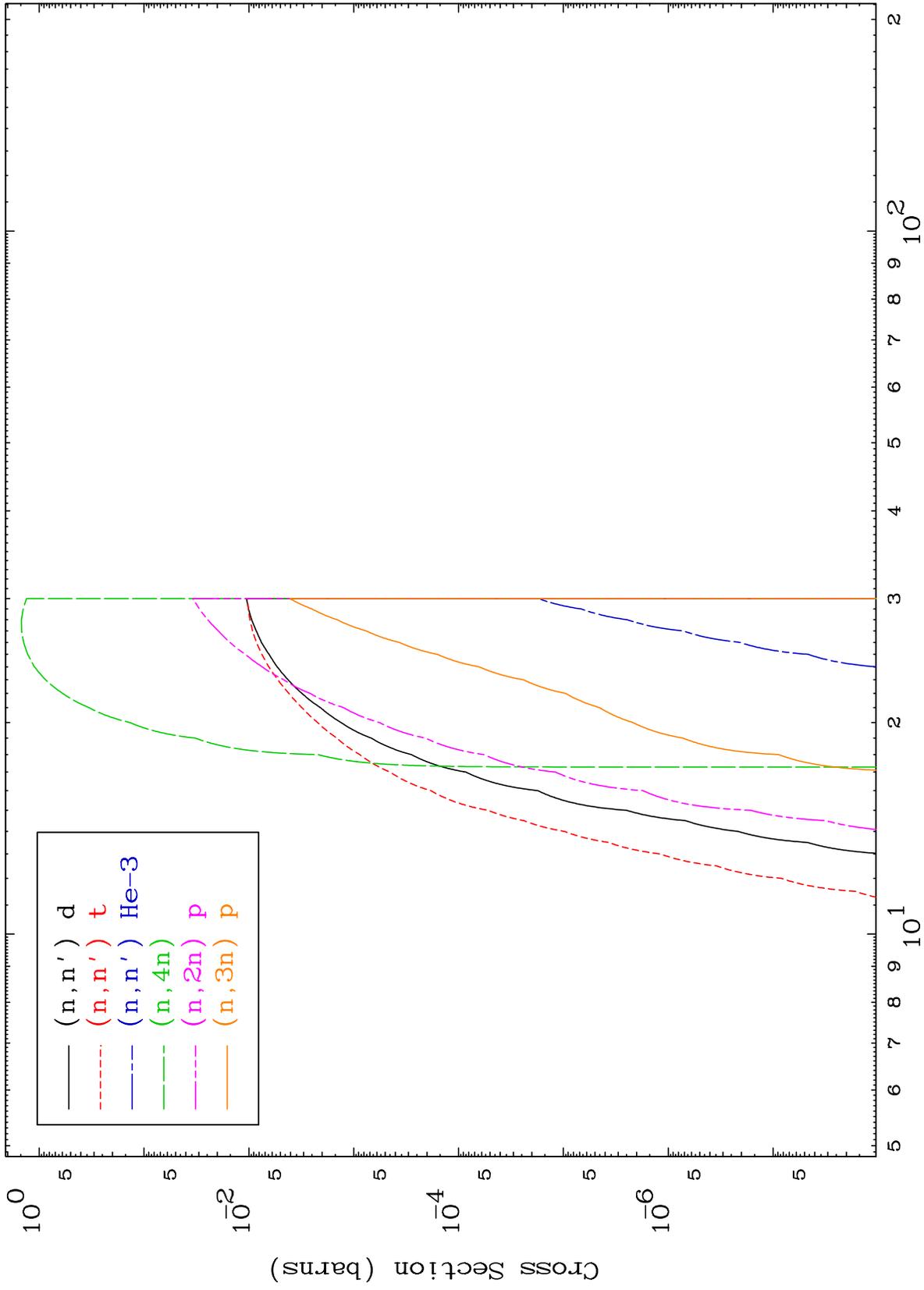
Incident Energy (MeV)

83-Bi-211

MAT 8331

Neutron Production  
293 Kelvin Cross Sections

83-Bi-211



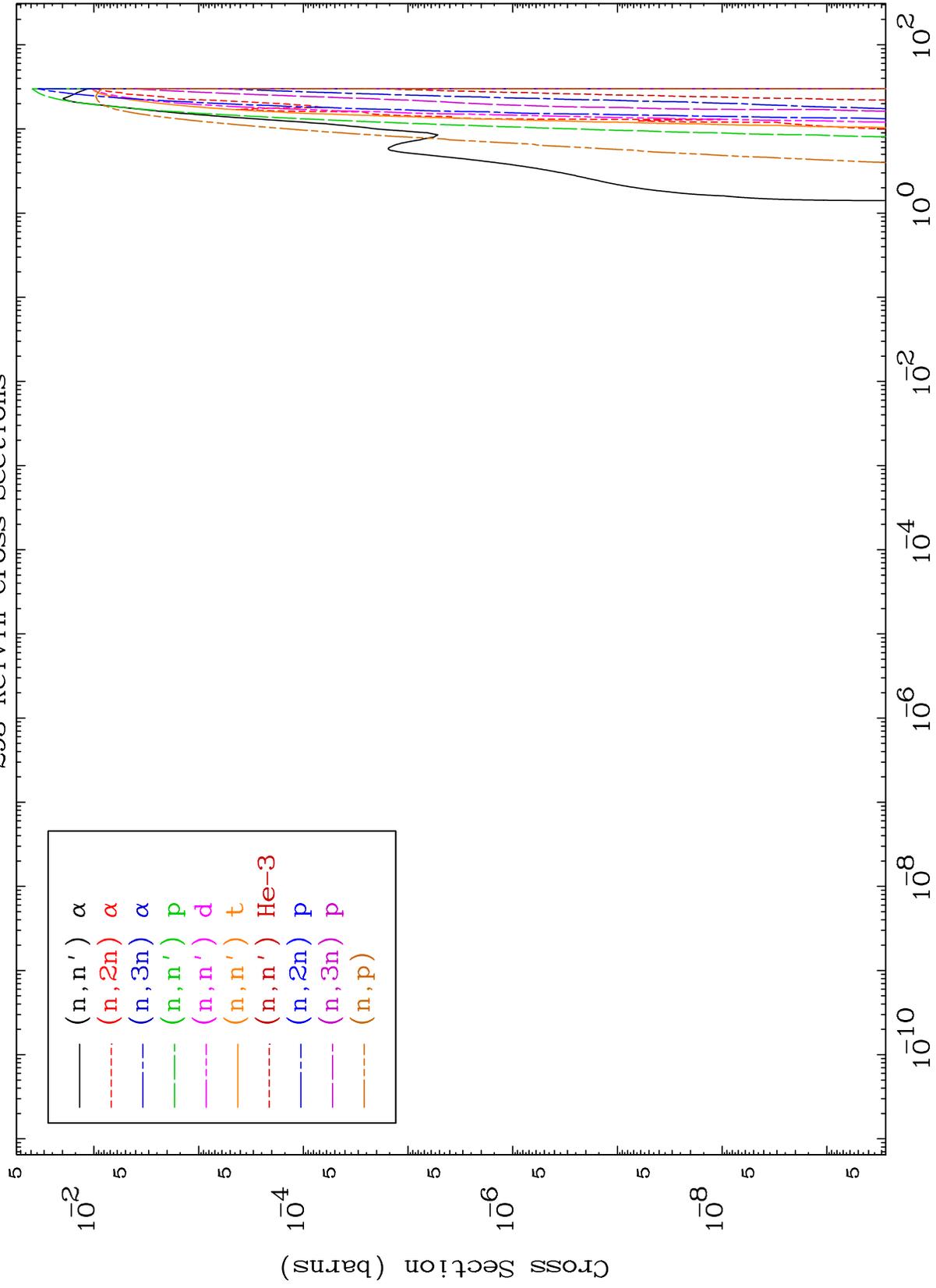
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83-Bi-211

MAT 8331

Charged Particle  
293 Kelvin Cross Sections

83-Bi-211

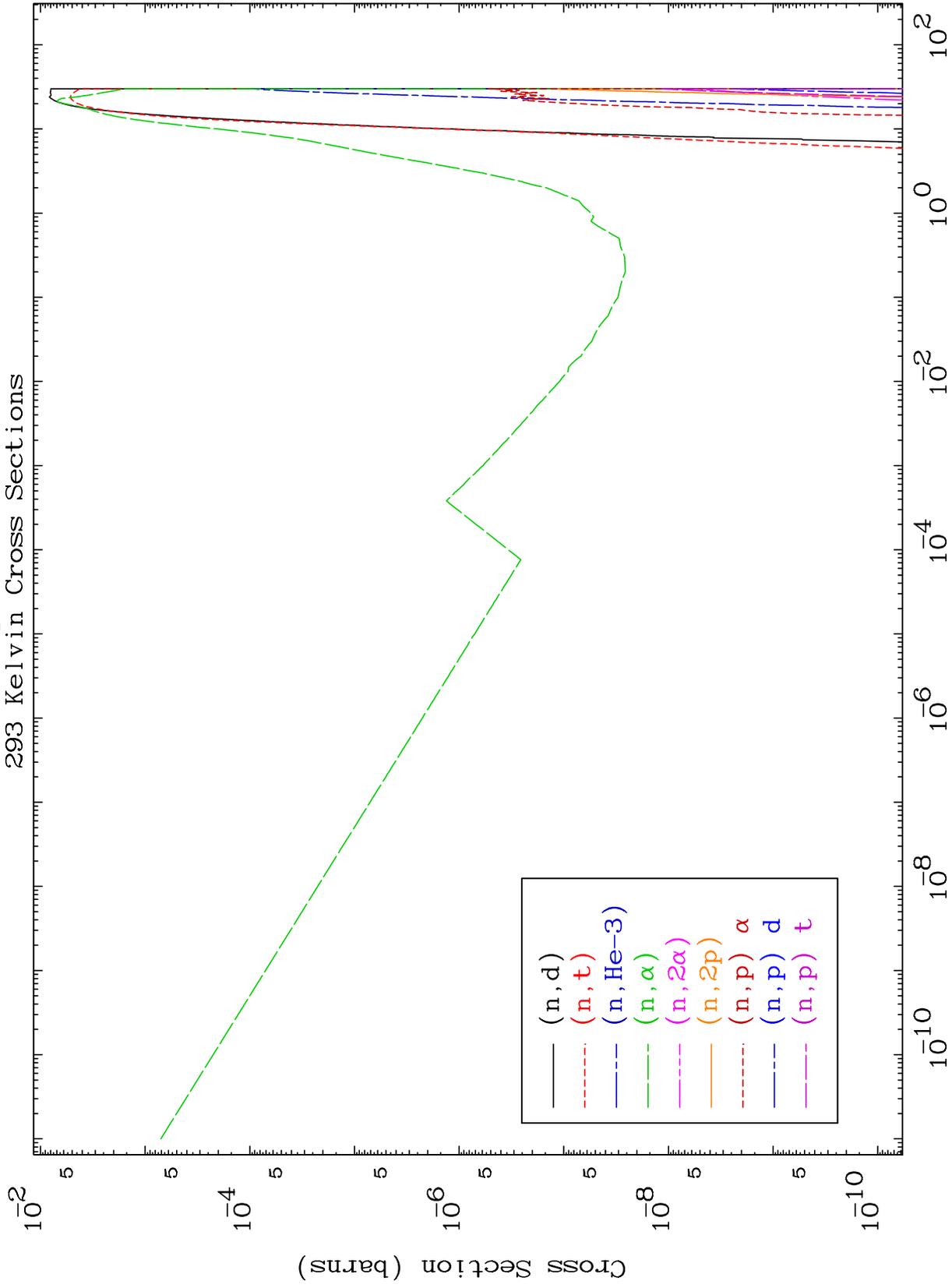


83-Bi-211

MAT 8331

Charged Particle  
293 Kelvin Cross Sections

83-Bi-211



5

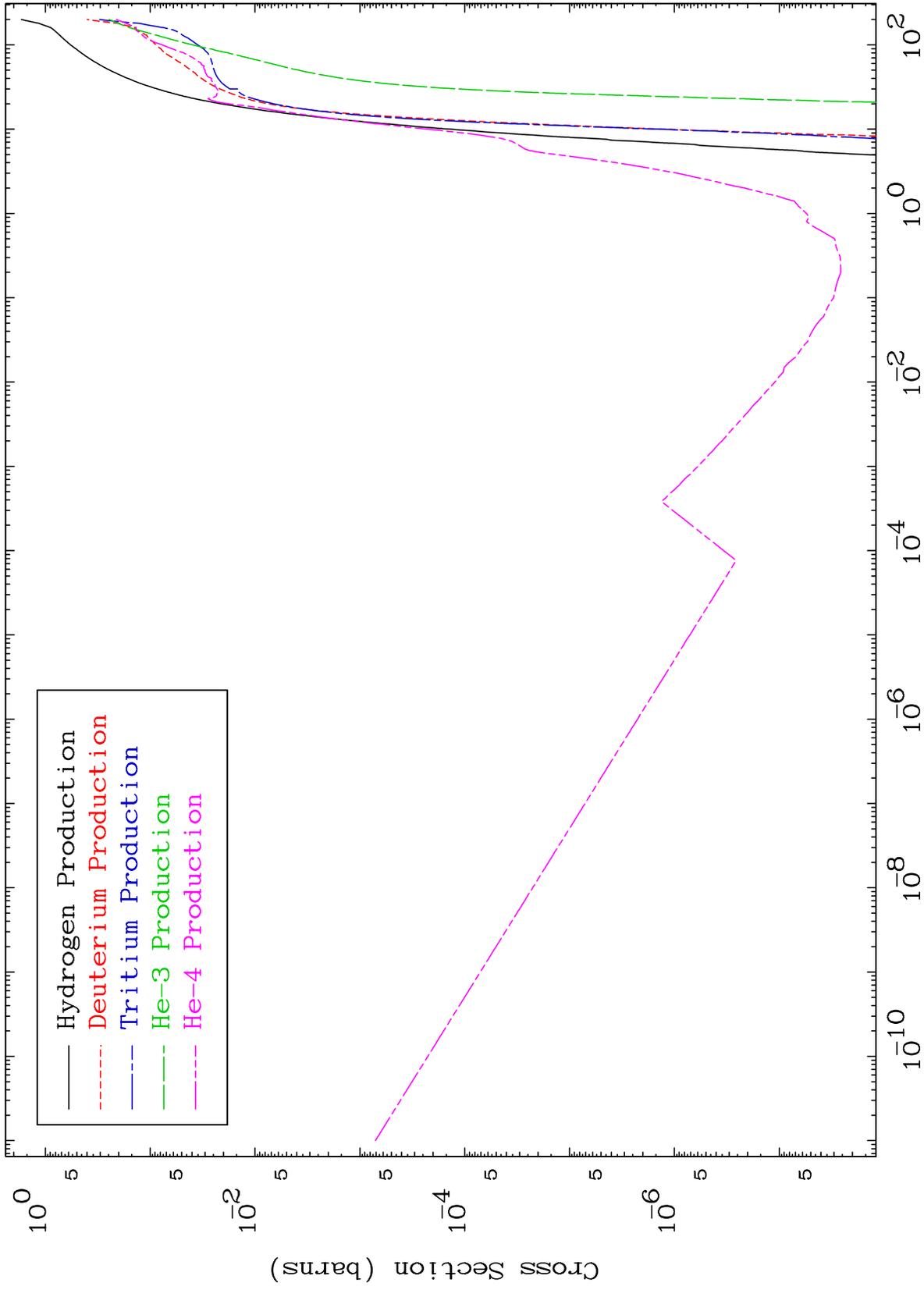
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83-Bi-211

MAT 8331

Particle Production  
293 Kelvin Cross Sections

83-Bi-211



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Incident Energy (MeV)

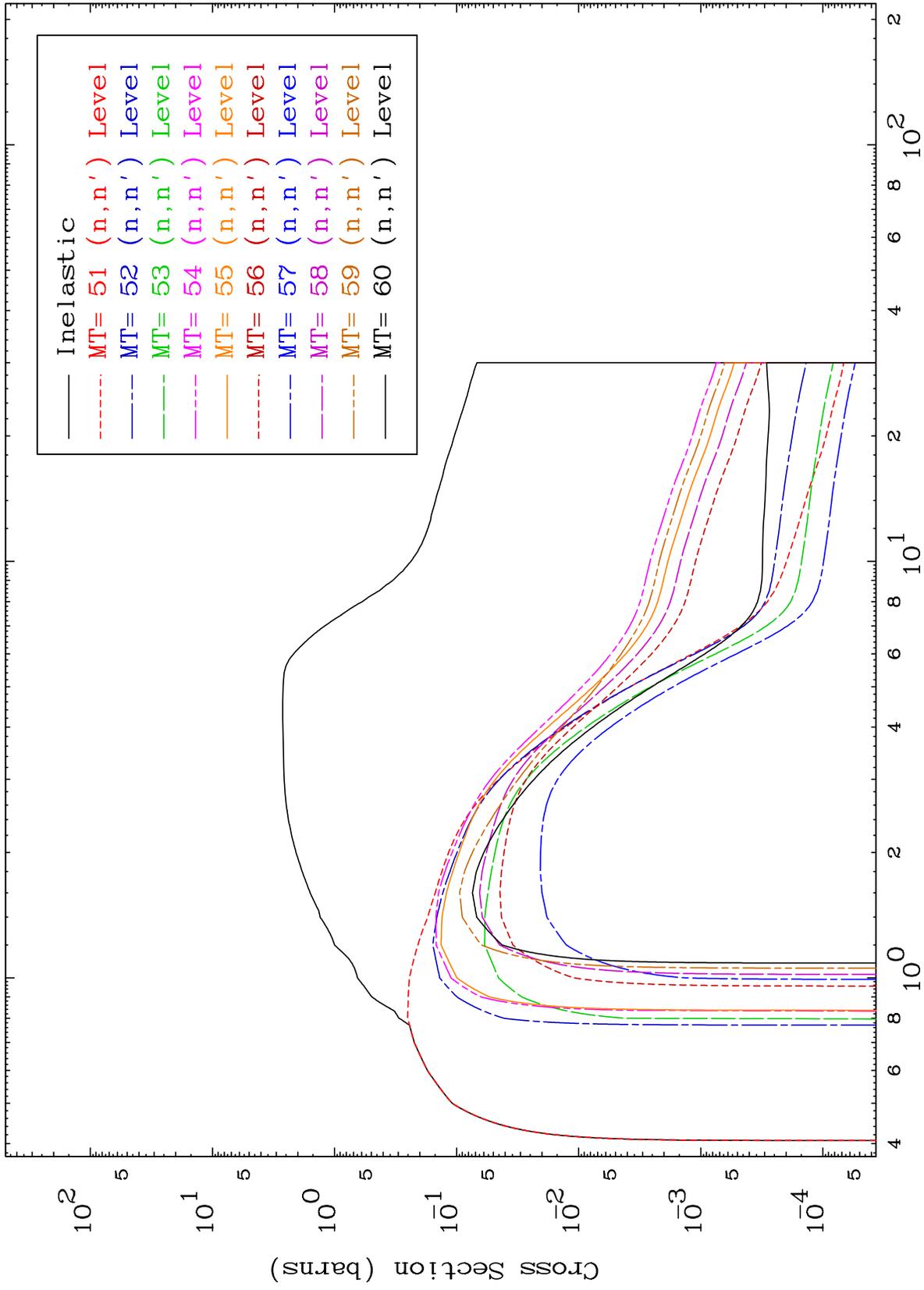
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MAT 8331

(n,n') Level

83-Bi-211

293 Kelvin Cross Sections



7

Incident Energy (MeV)

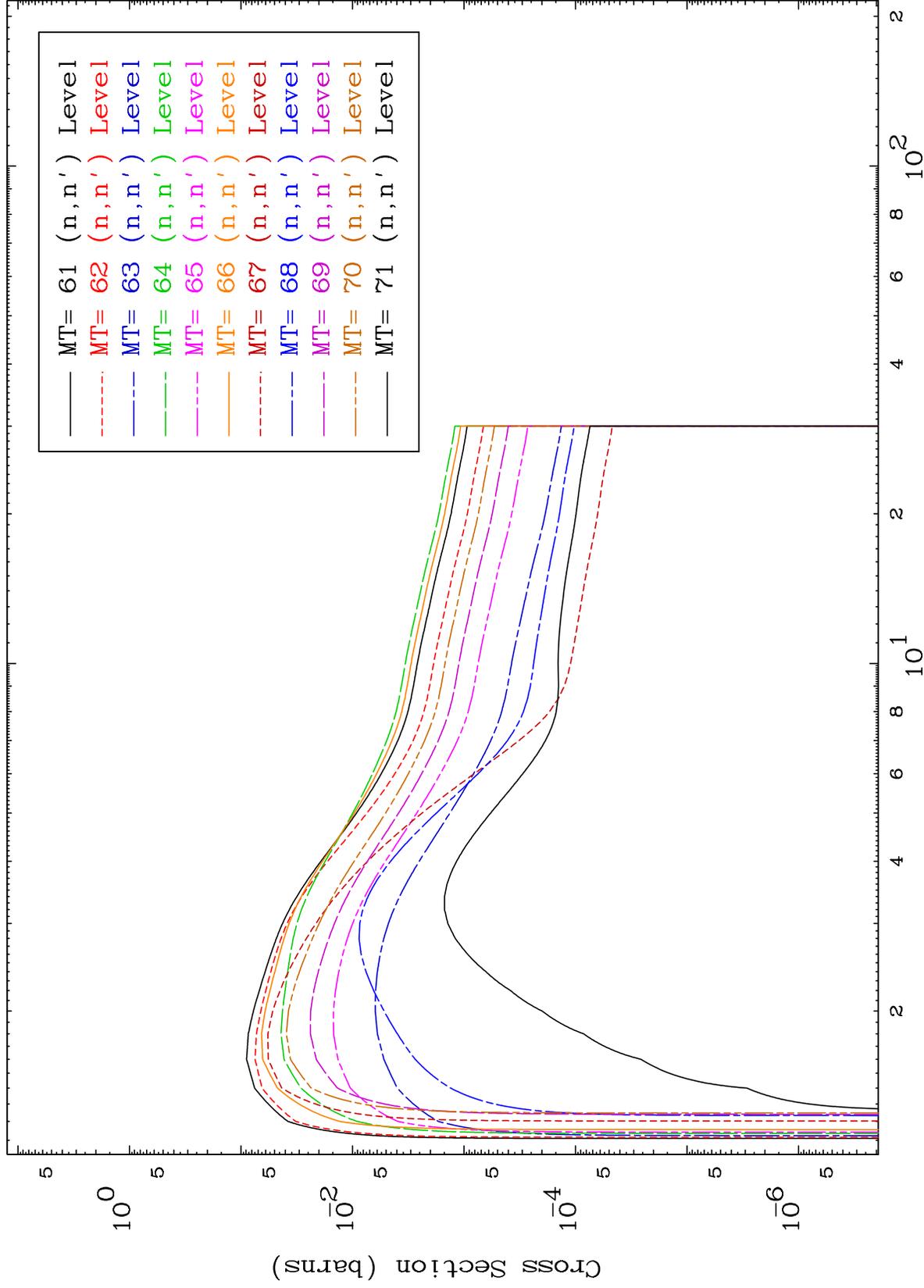
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MAT 8331

(n,n') Level

83-Bi-211

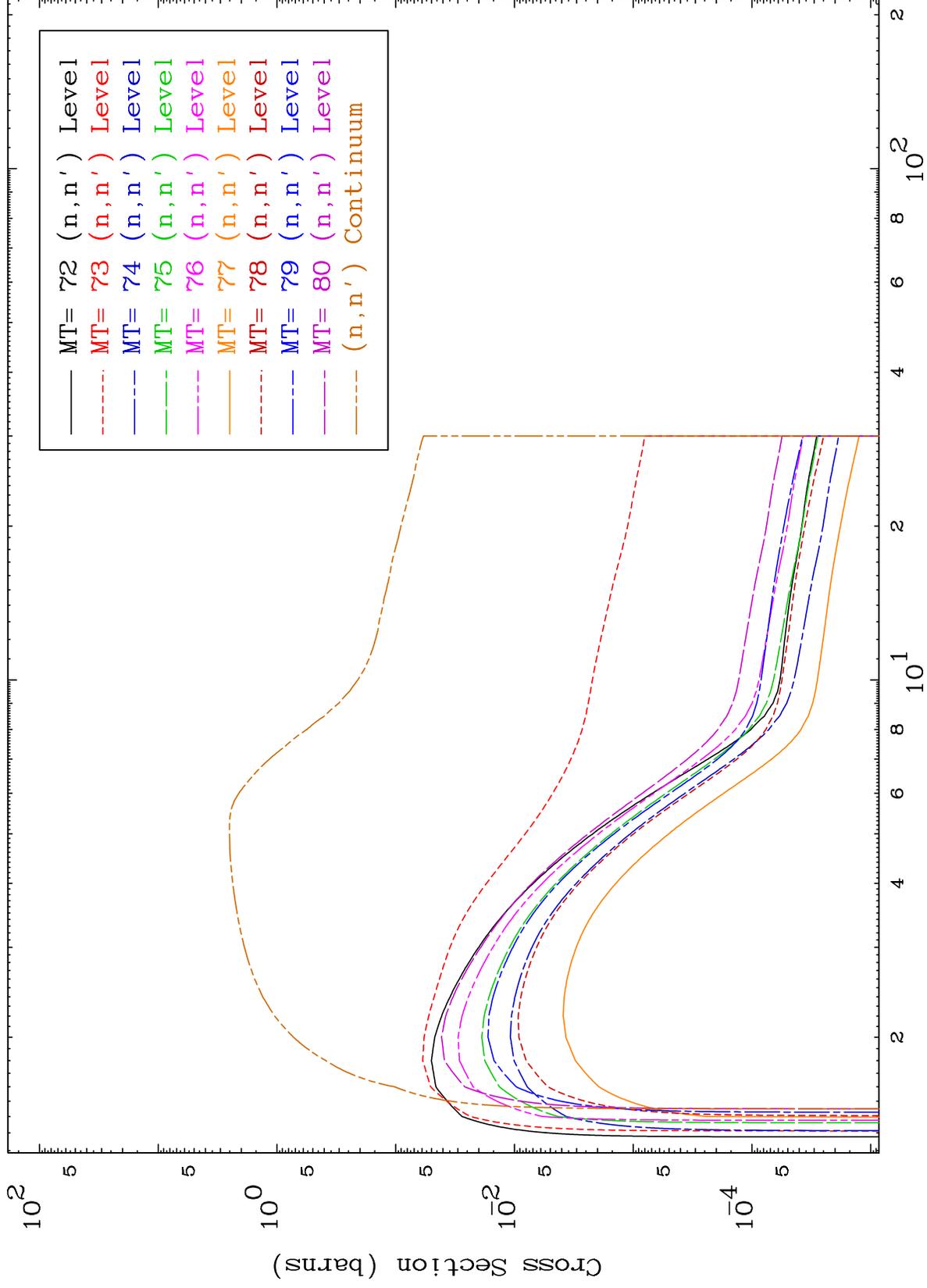
293 Kelvin Cross Sections



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Incident Energy (MeV)

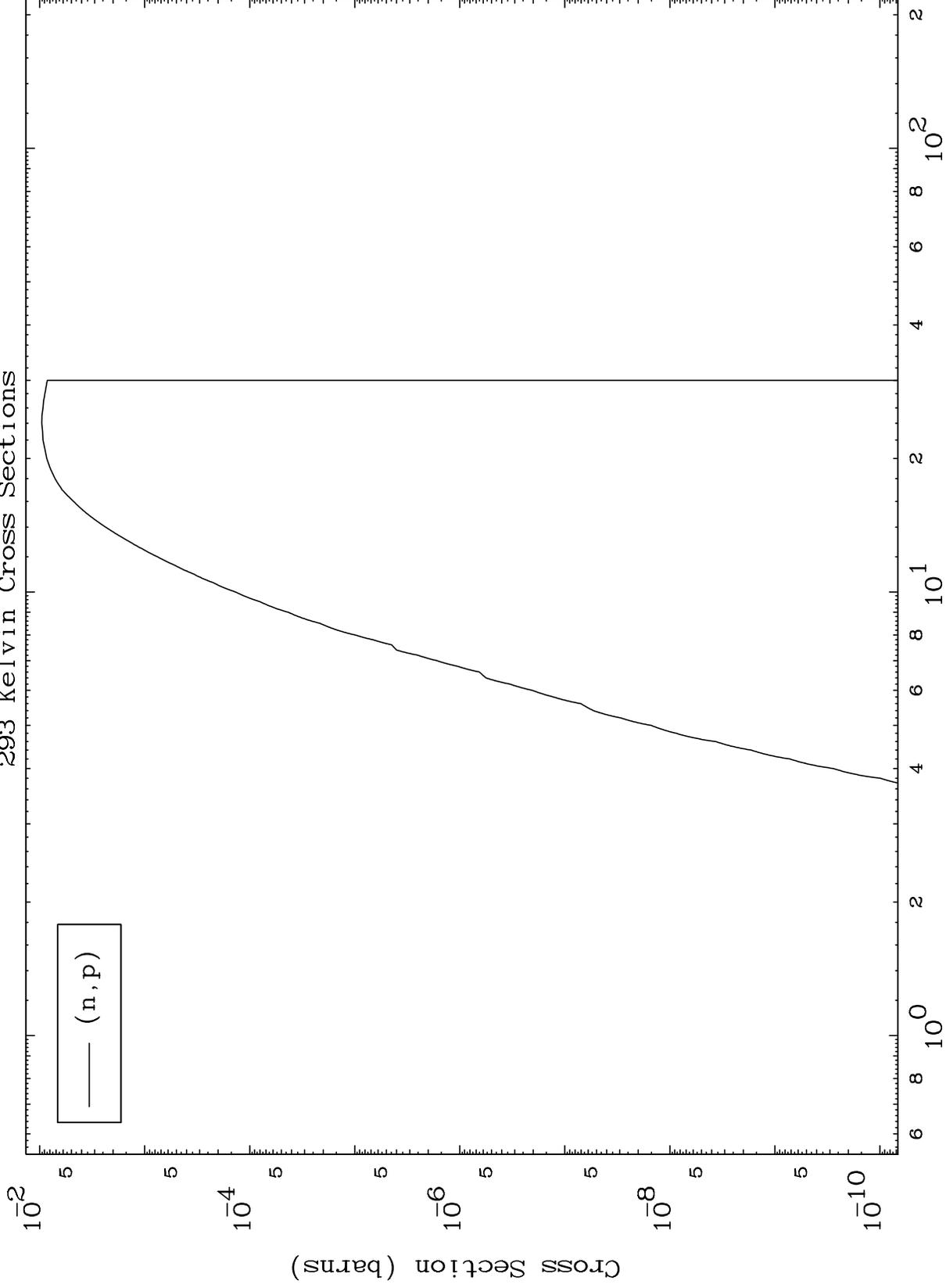
83-Bi-211



MAT 8331

(n,p) Levels  
293 Kelvin Cross Sections

83-Bi-211



10

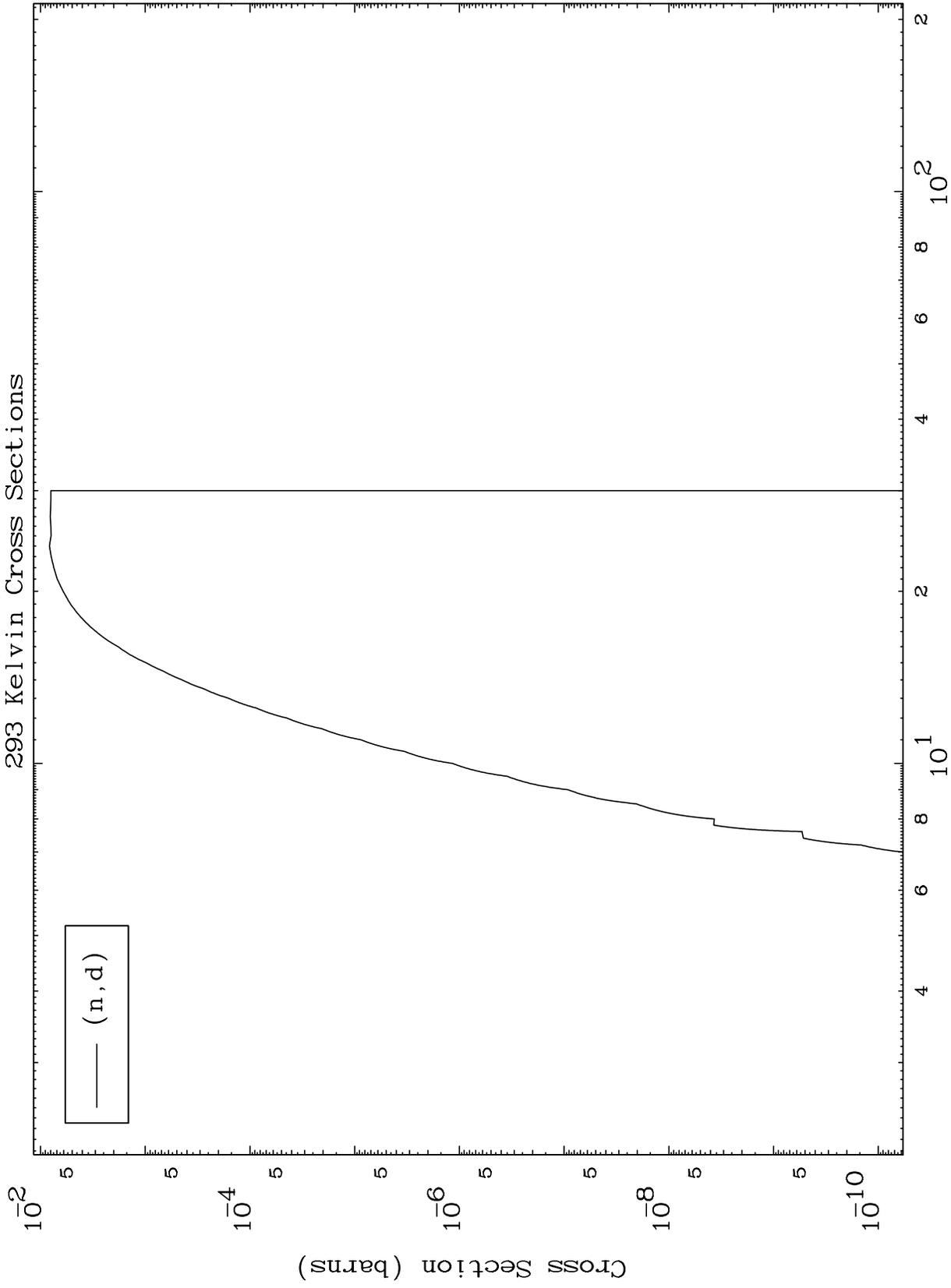
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83-Bi-211

MAT 8331

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-211



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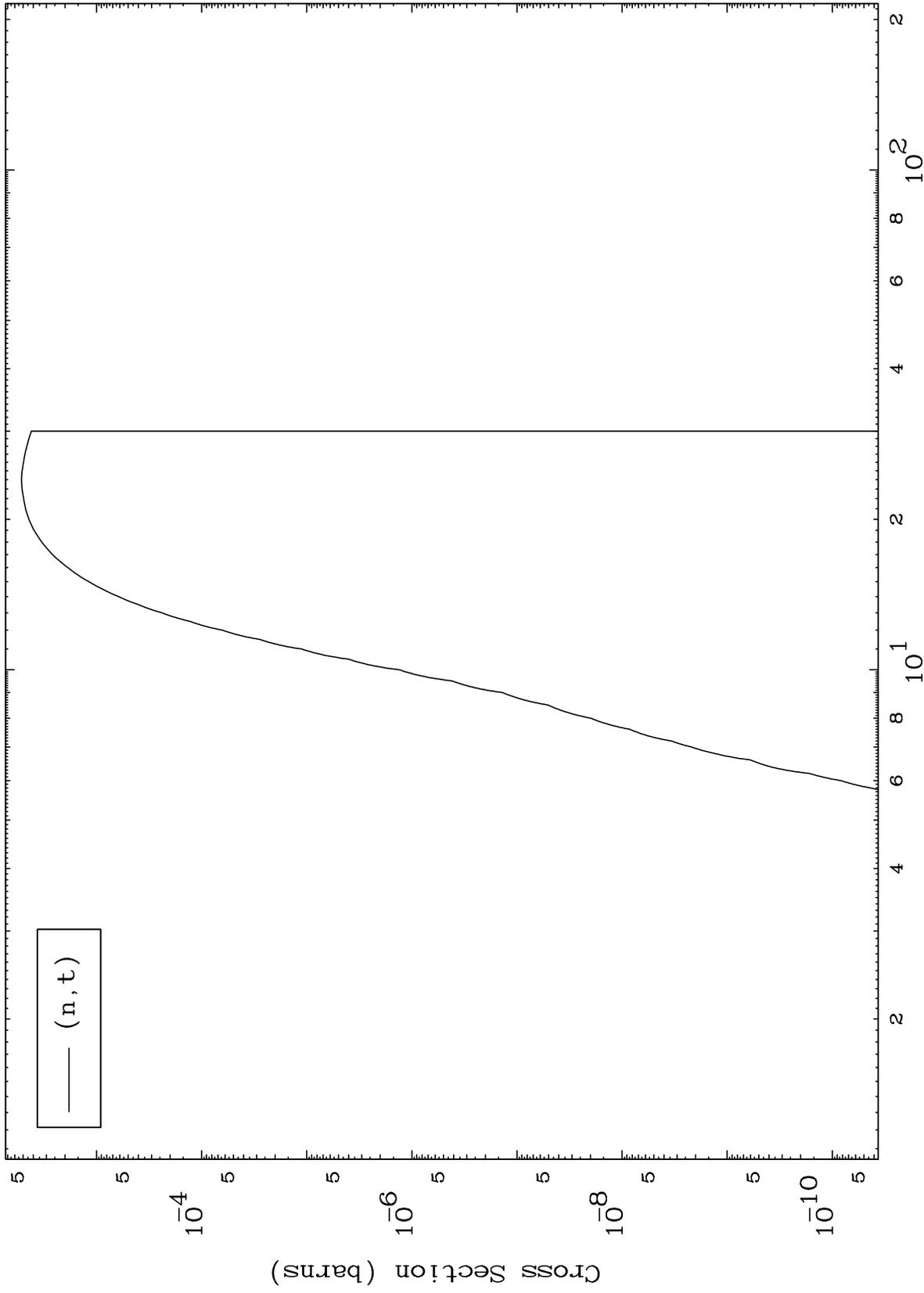
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MAT 8331

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-211



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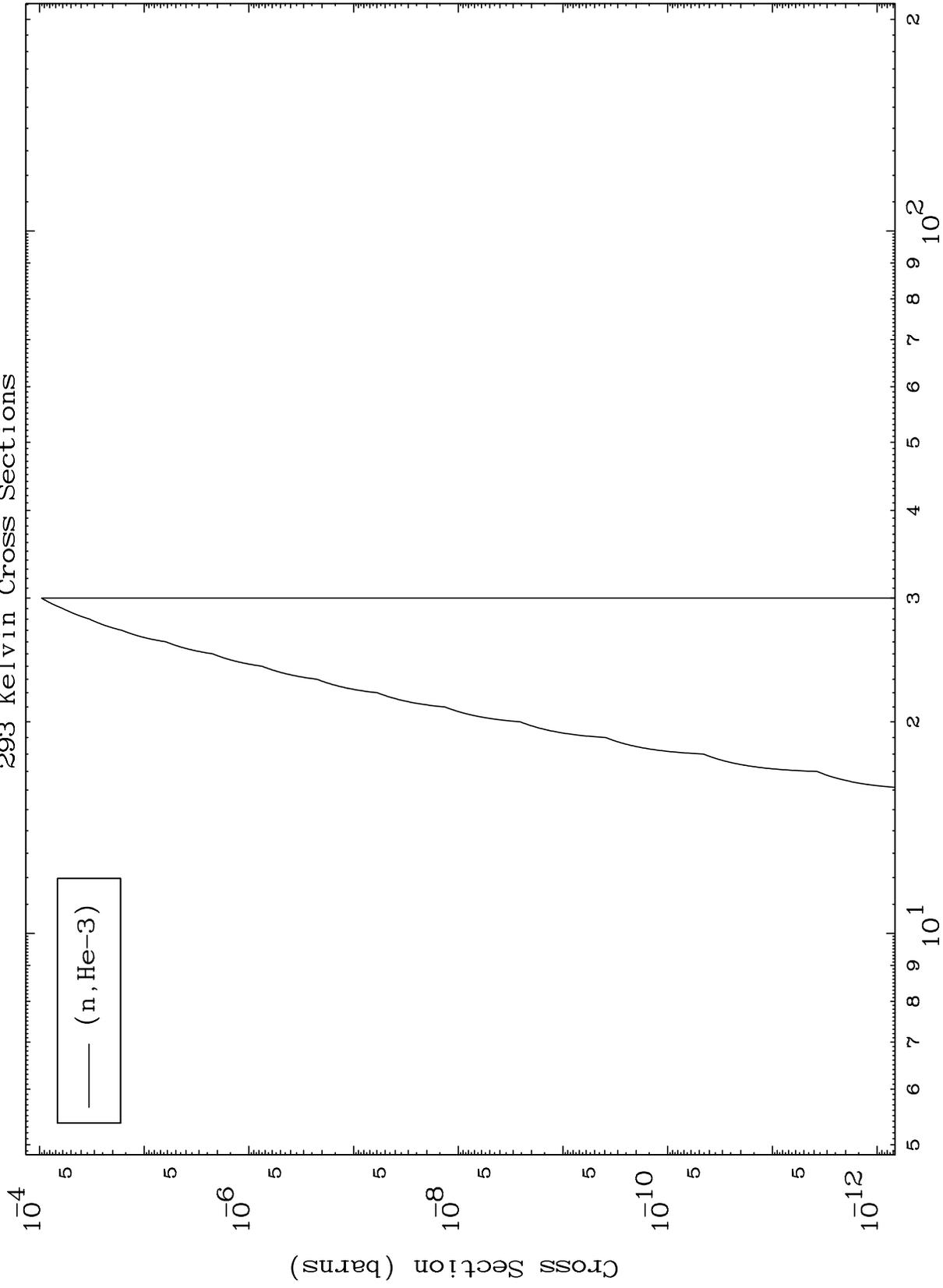
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83-Bi-211

MAT 8331

83-Bi-211

(n,He3) Levels  
293 Kelvin Cross Sections



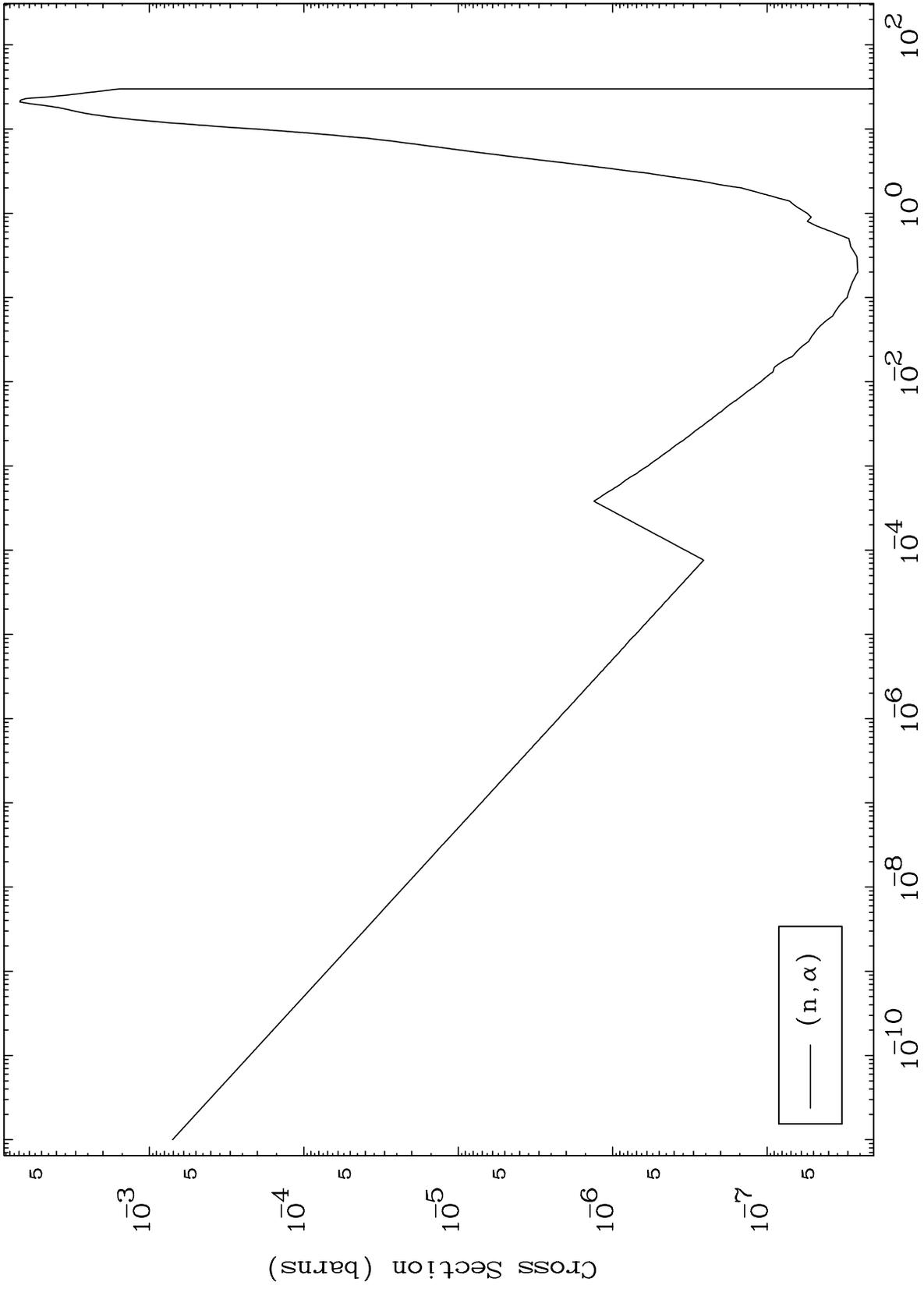
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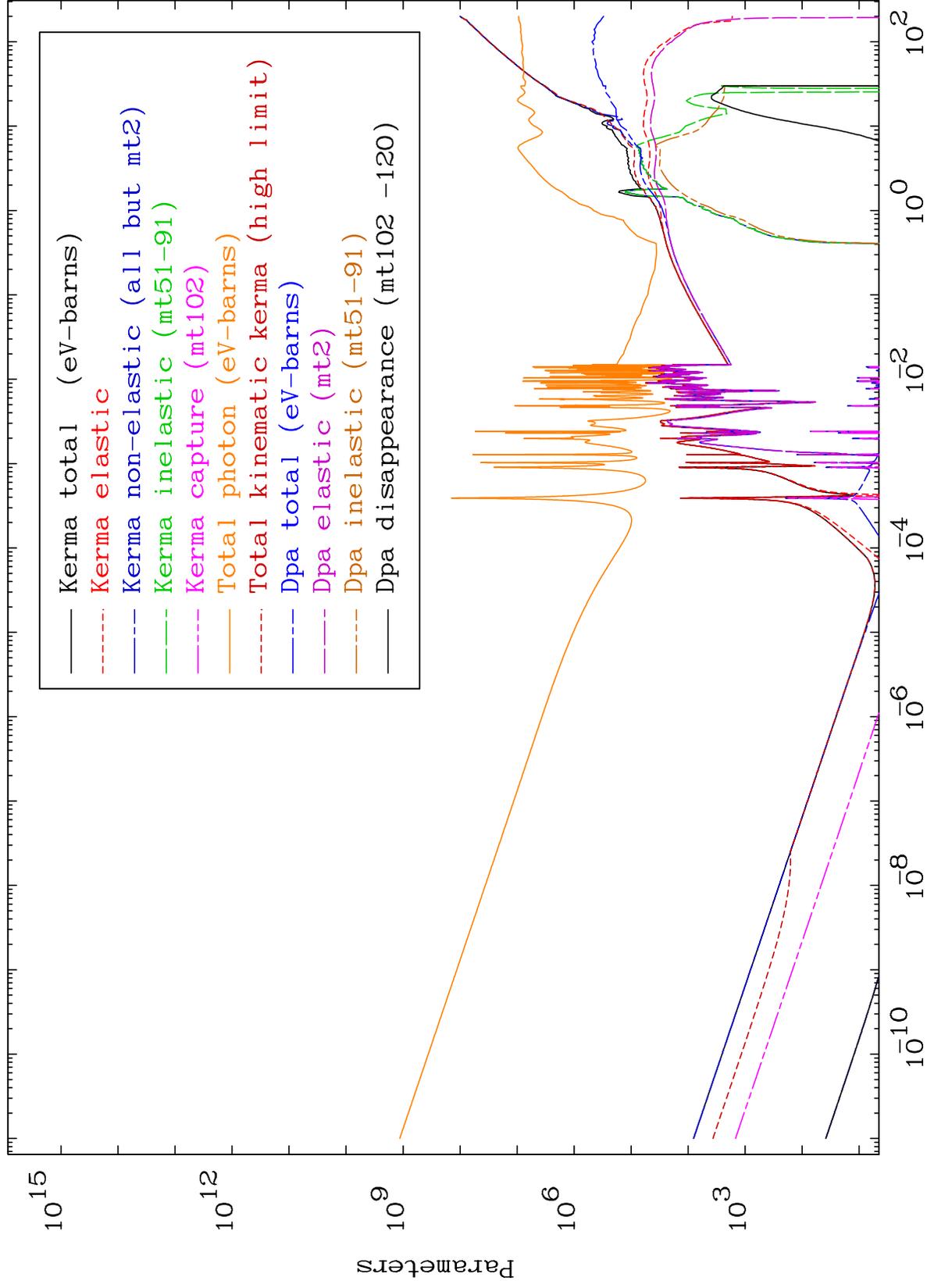
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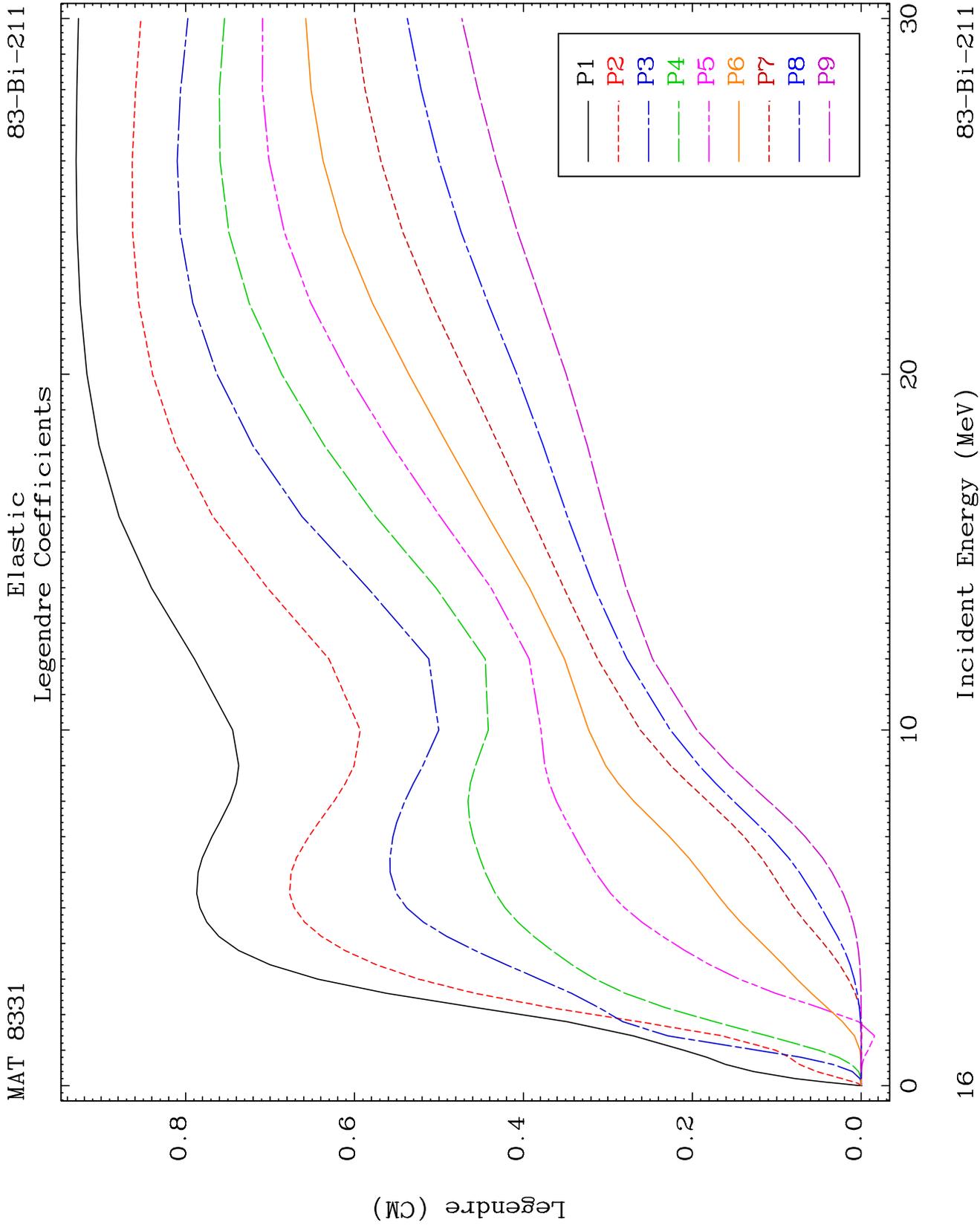
MAT 8331

(n,α) Levels  
293 Kelvin Cross Sections

83-Bi-211



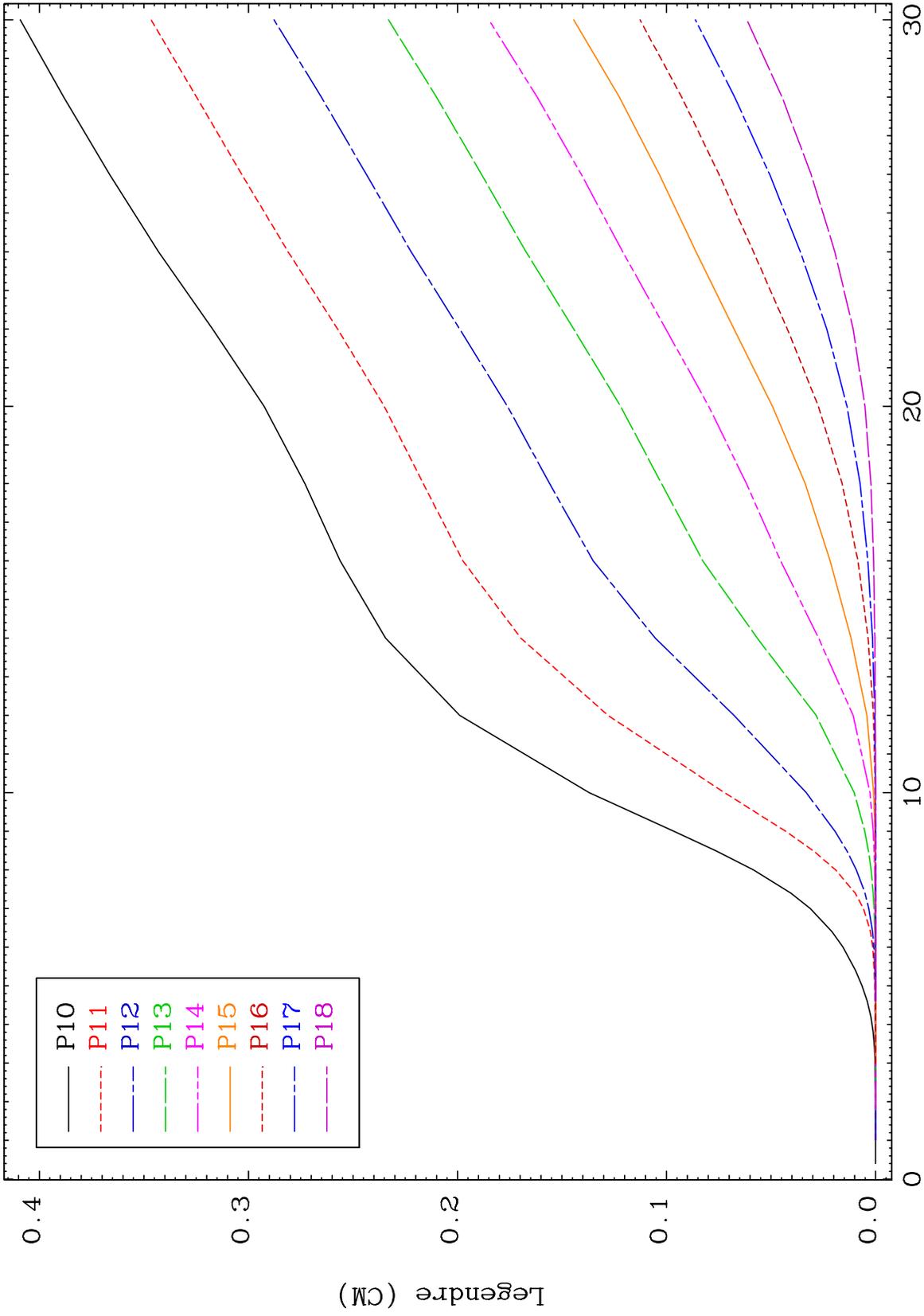




MAT 8331

Elastic Legendre Coefficients

<sup>83</sup>Bi-211



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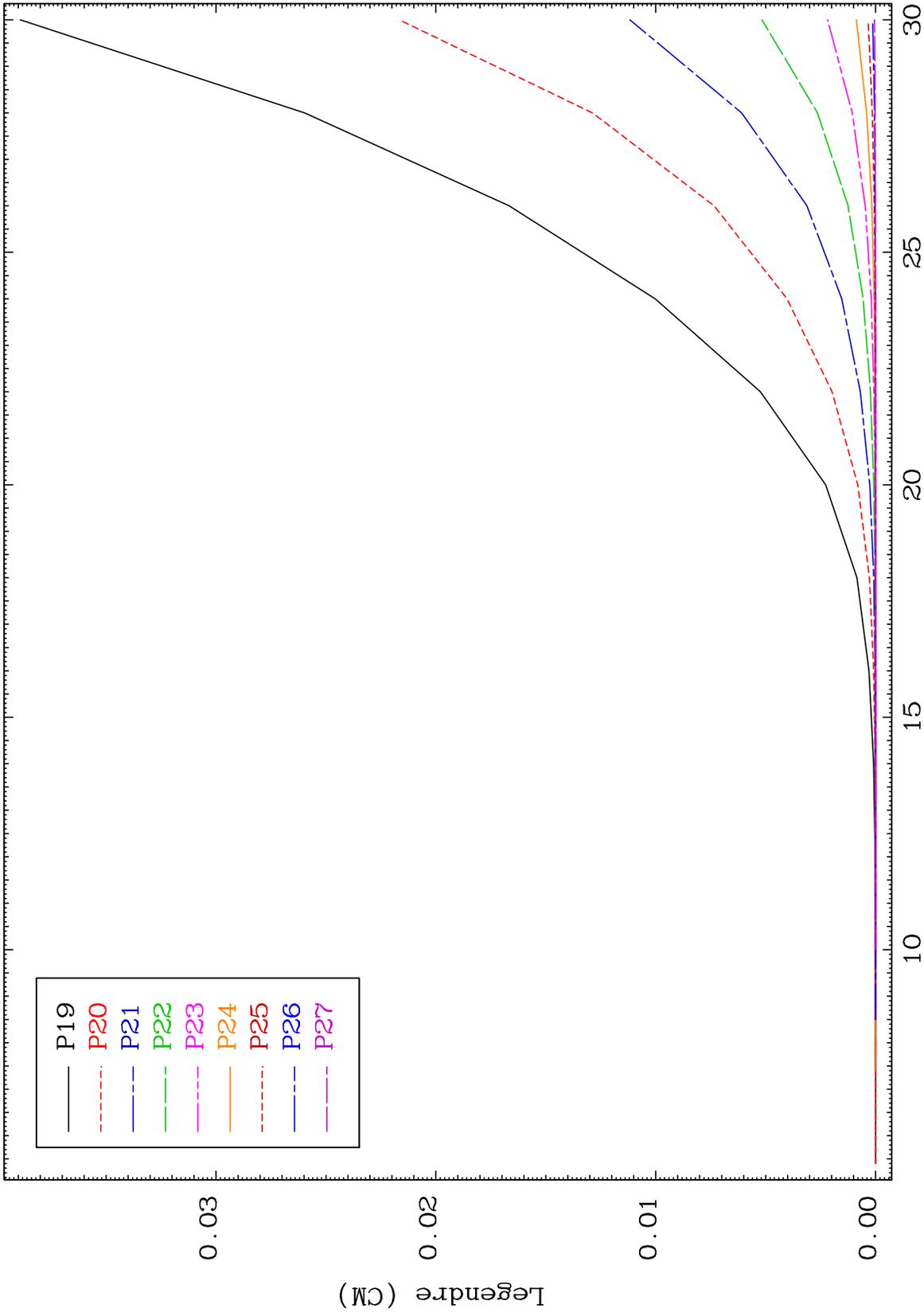
Incident Energy (MeV)

<sup>83</sup>Bi-211

MAT 8331

### Elastic Legendre Coefficients

<sup>83</sup>Bi-<sup>211</sup>



18

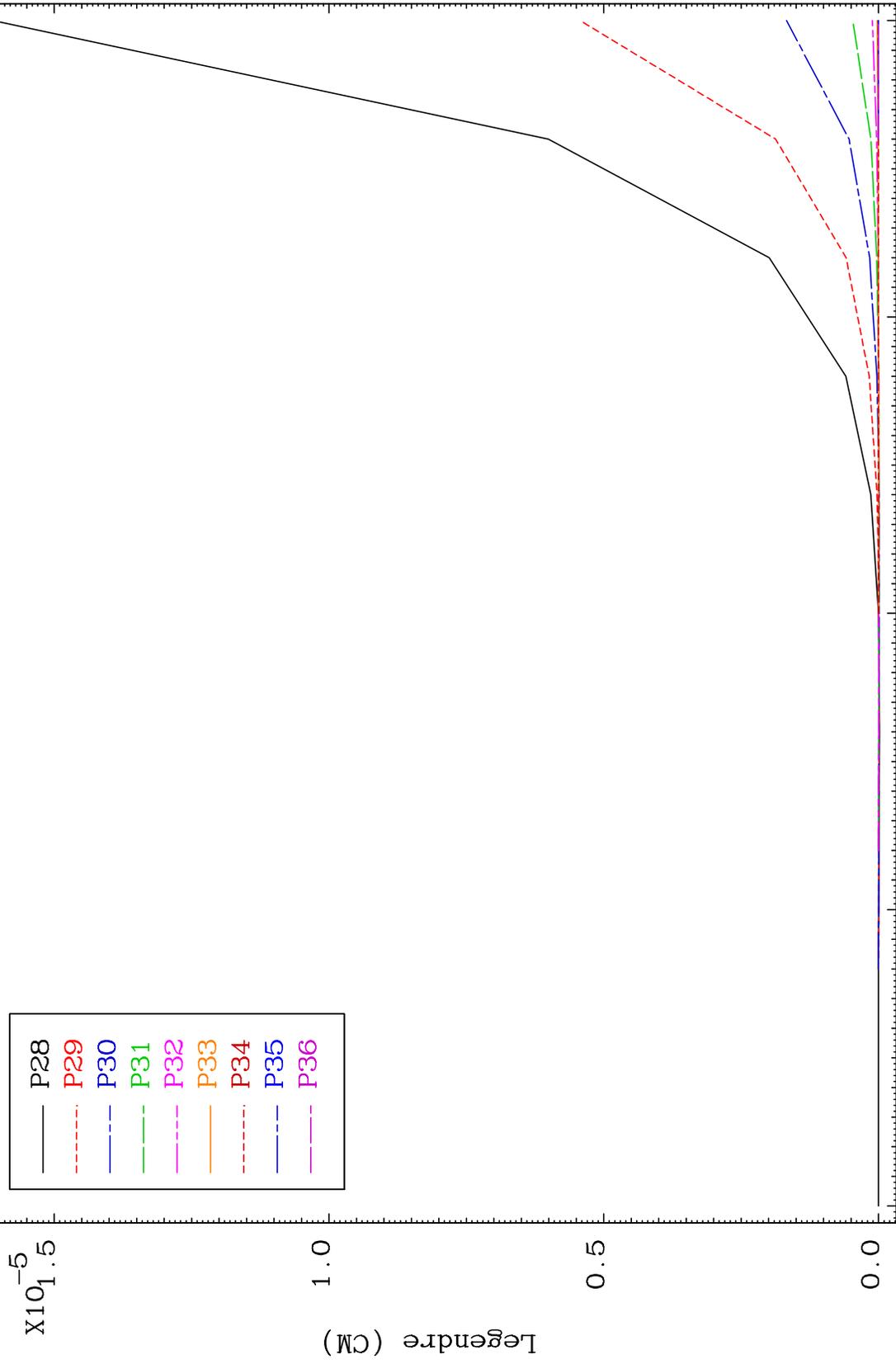
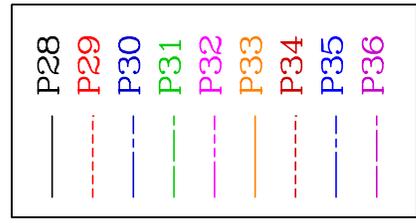
Incident Energy (MeV)

<sup>83</sup>Bi-<sup>211</sup>

MAT 8331

### Elastic Legendre Coefficients

83-Bi-211



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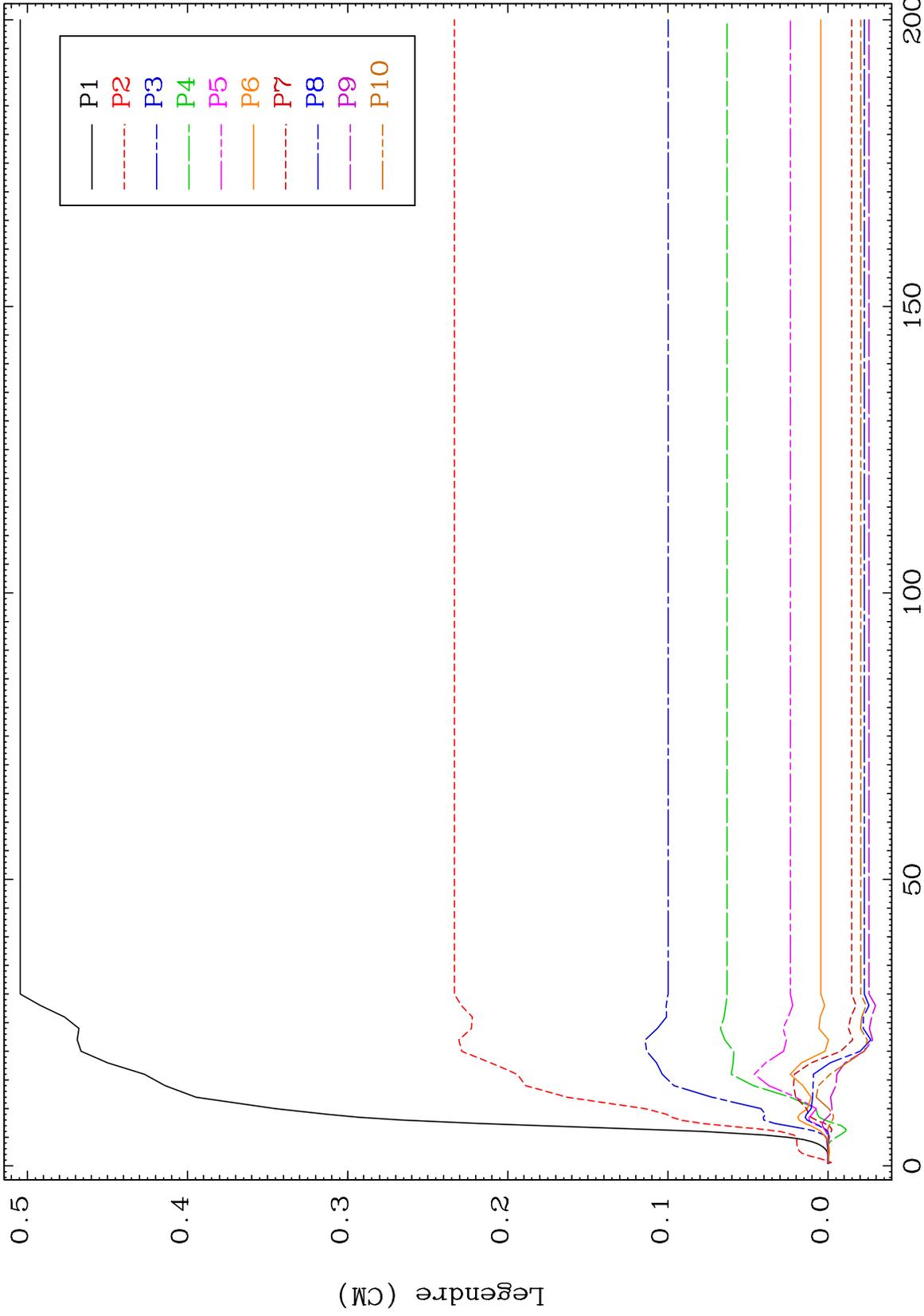
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



20

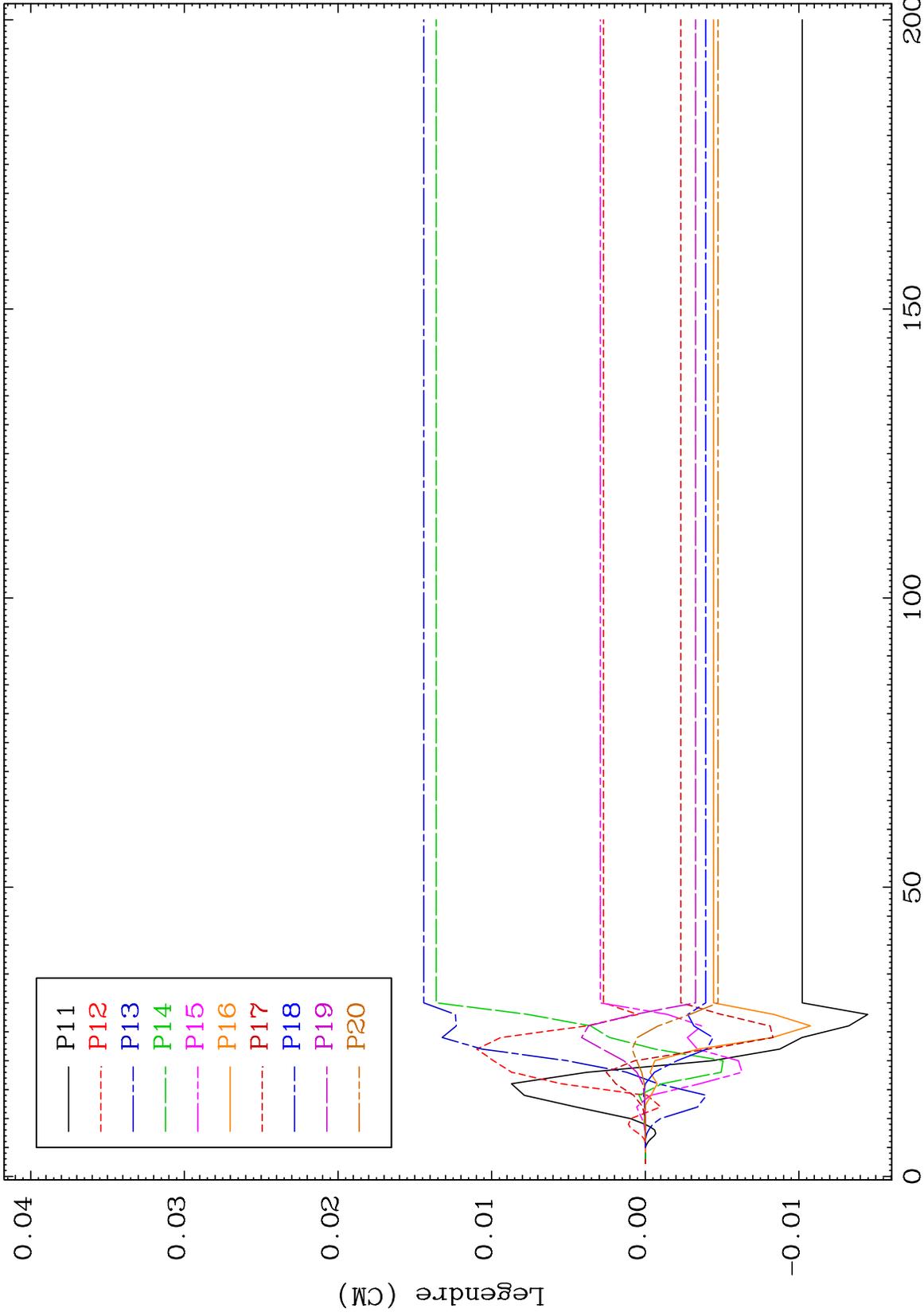
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



21

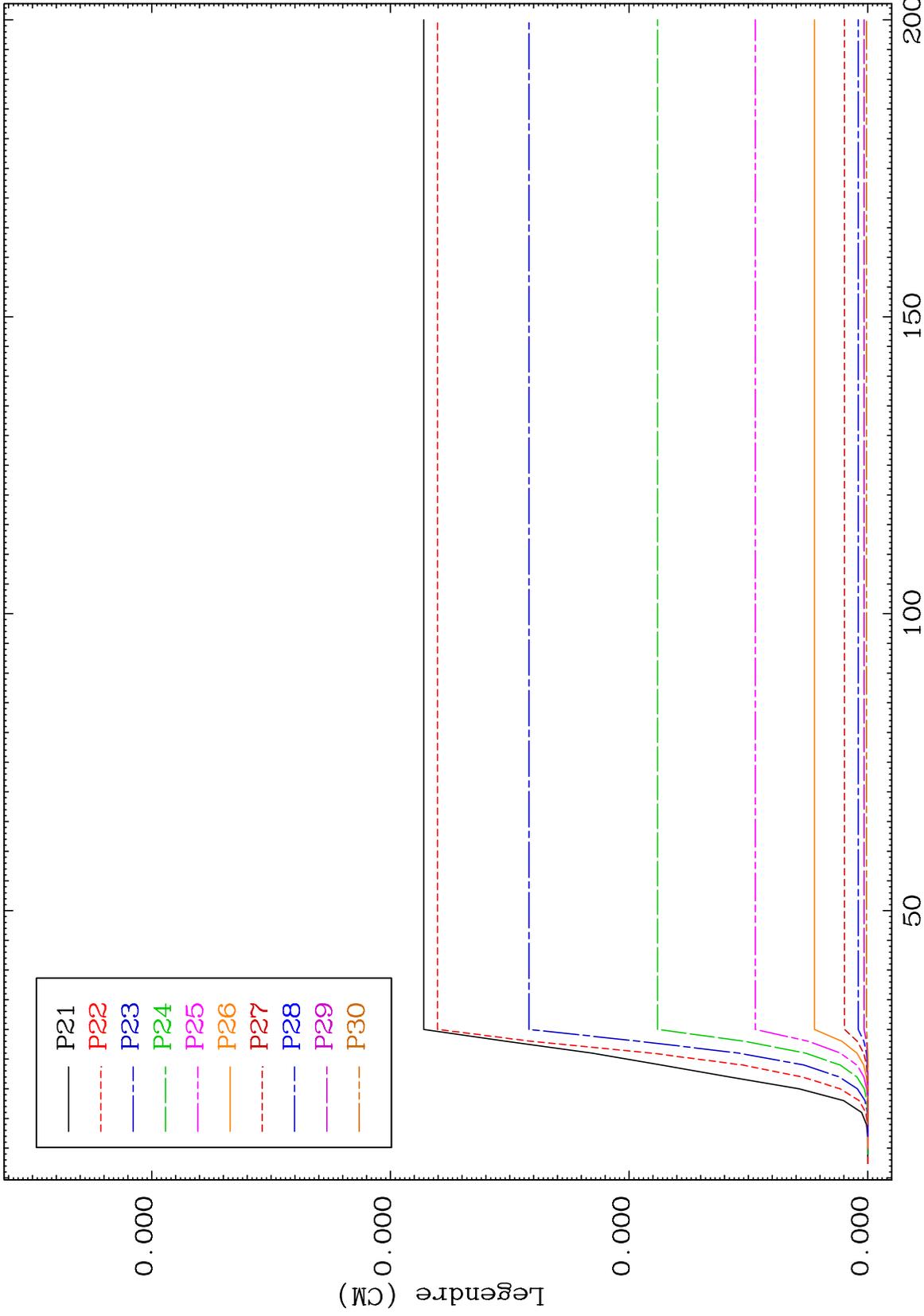
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



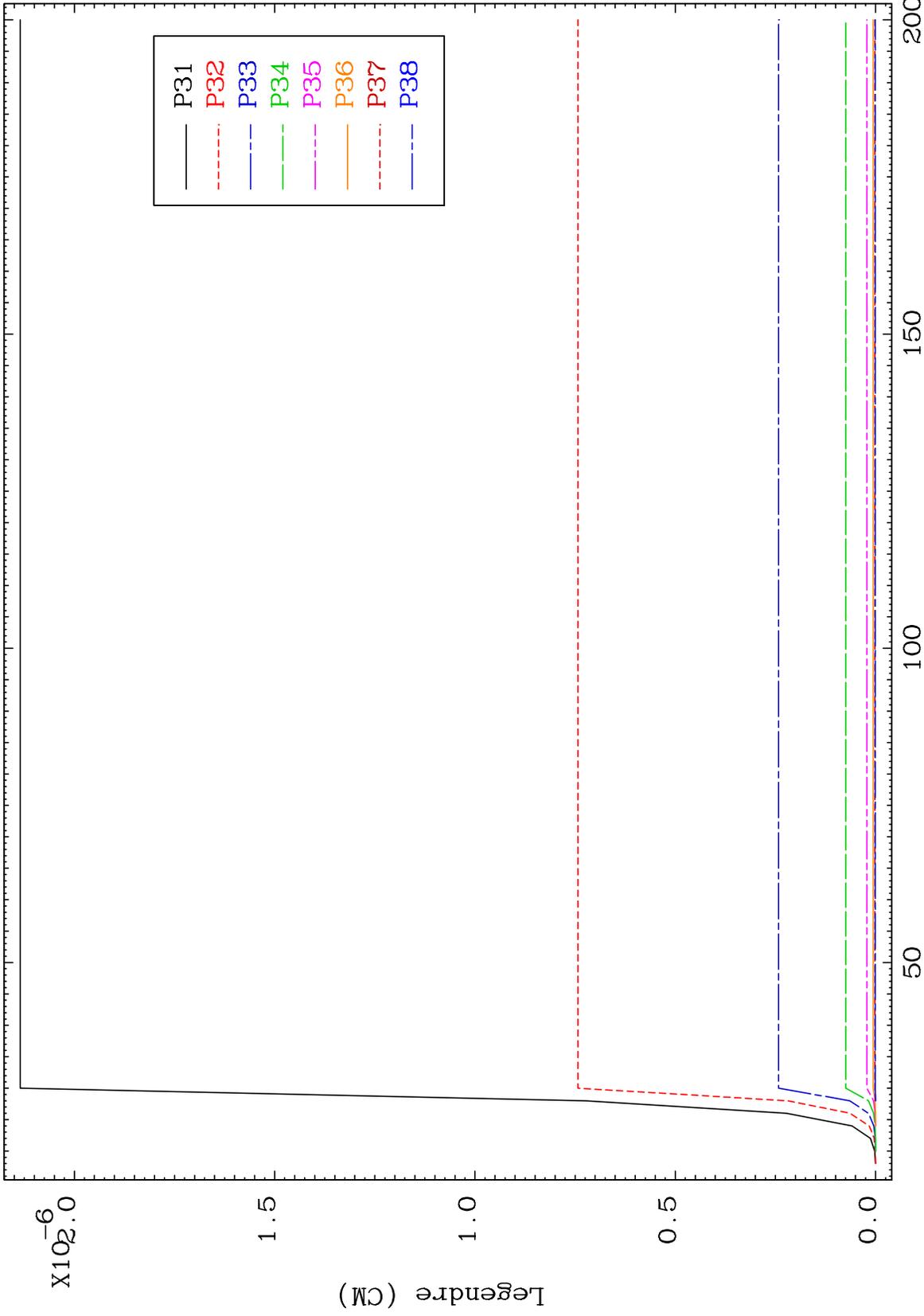
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83-Bi-211

MAT 8331

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

83-Bi-211



23

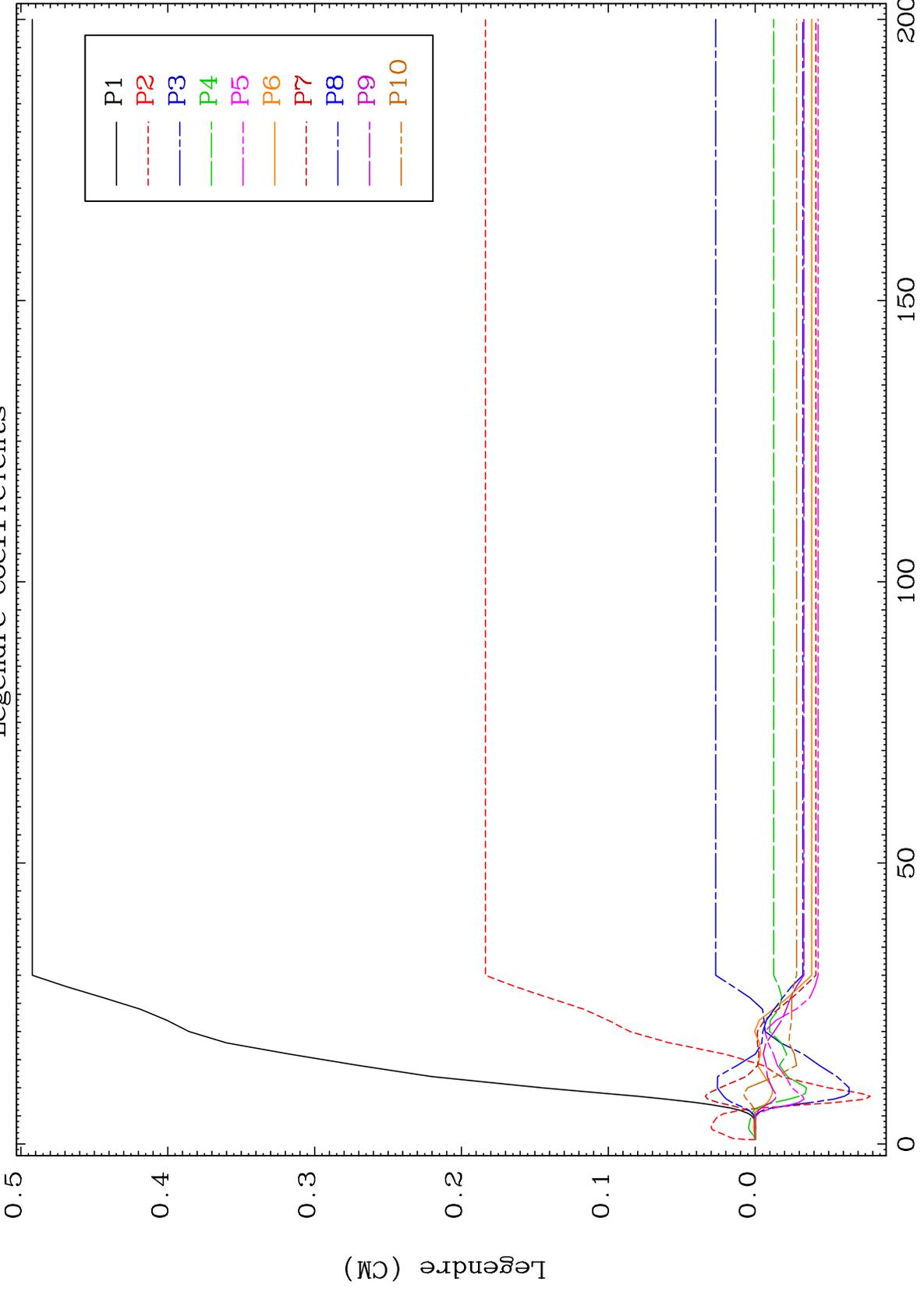
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



24

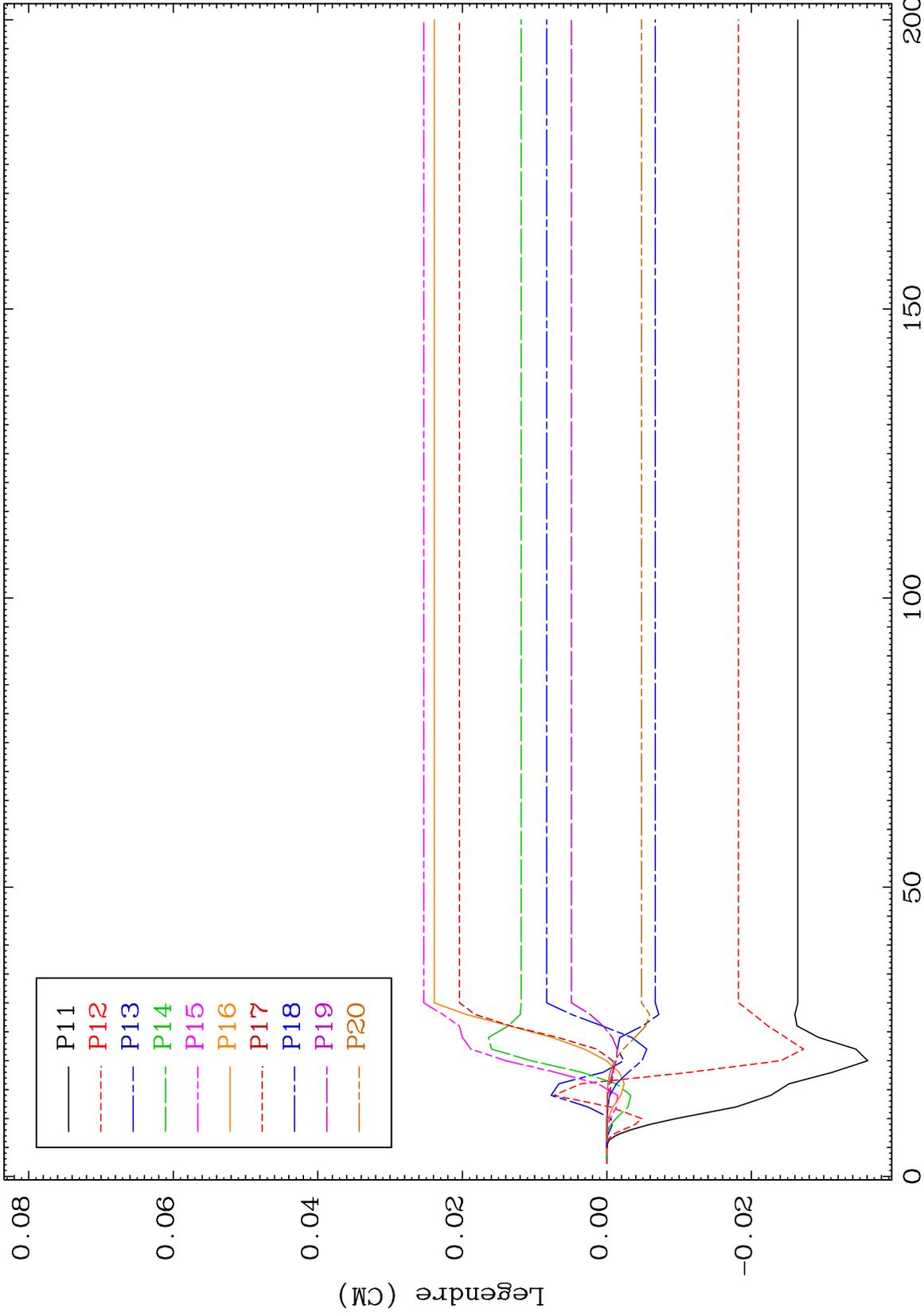
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



25

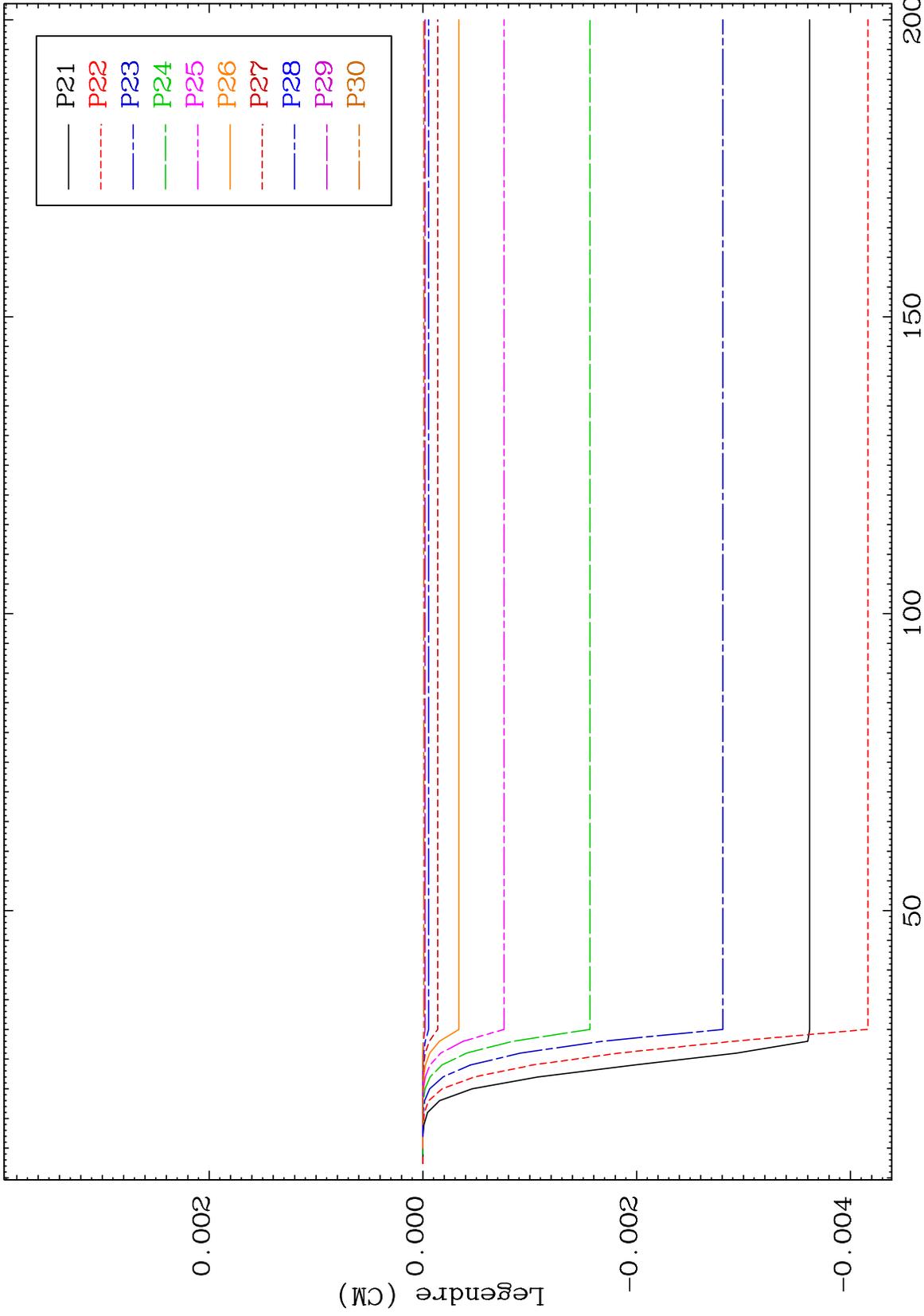
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



26

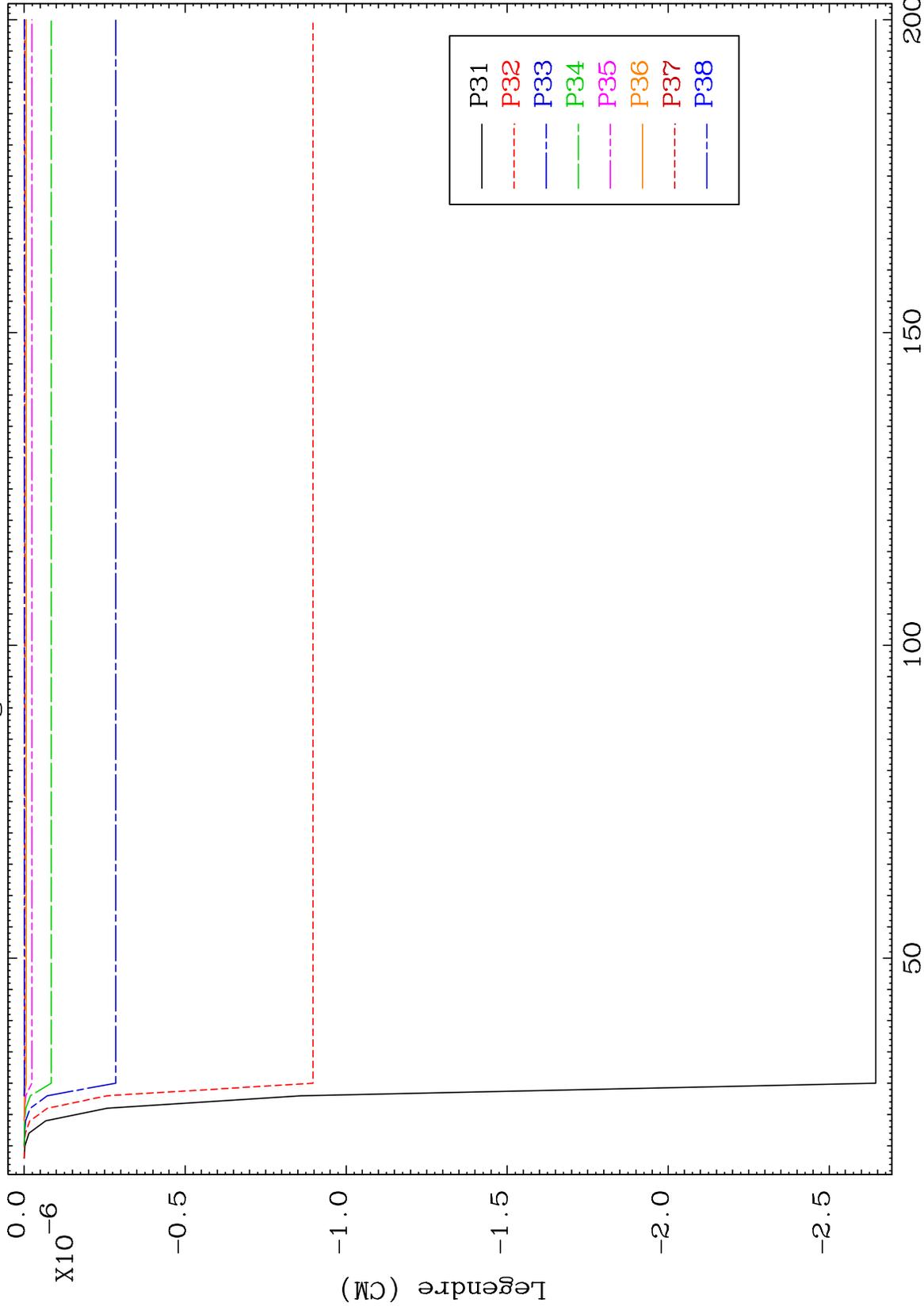
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



27

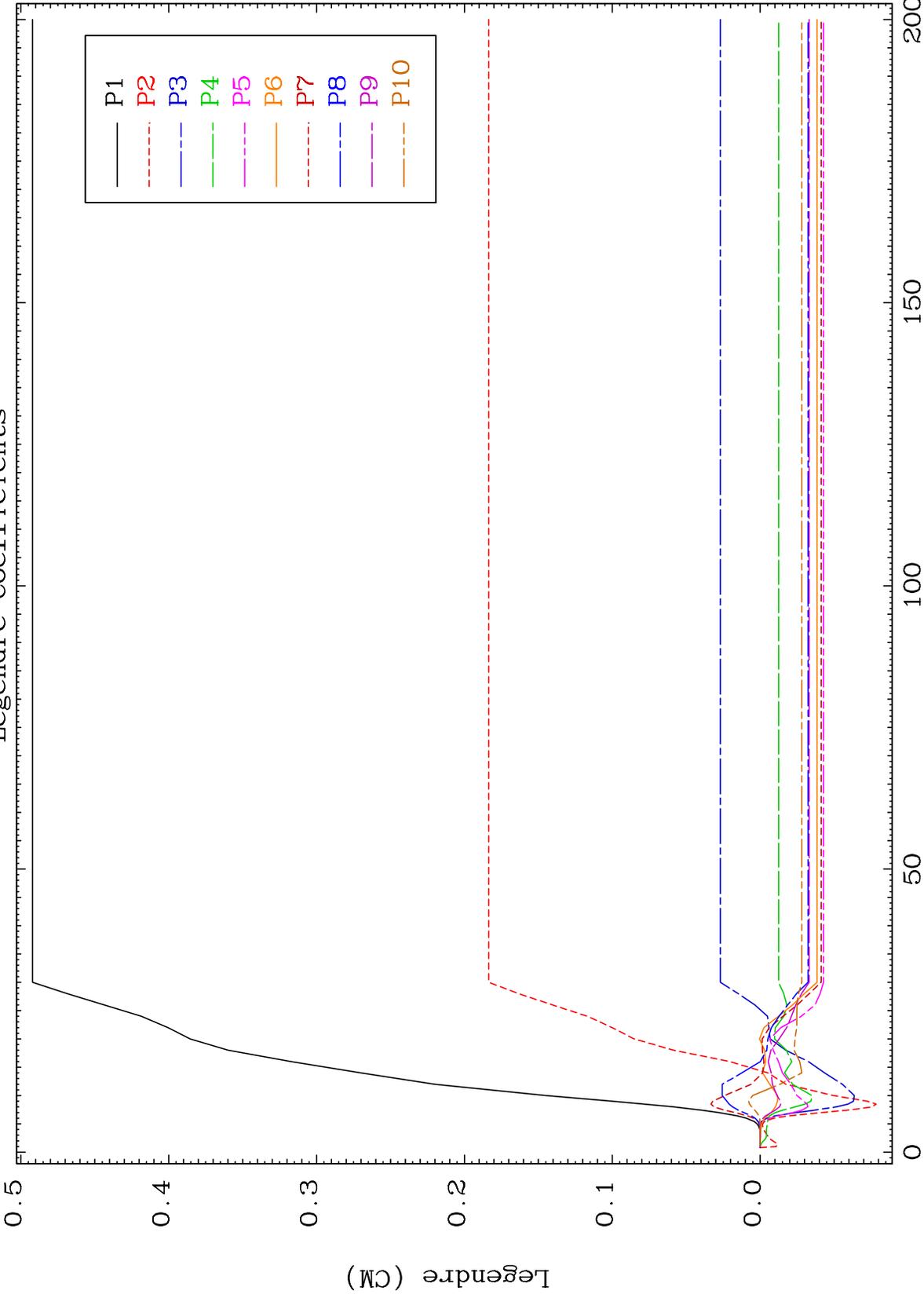
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211

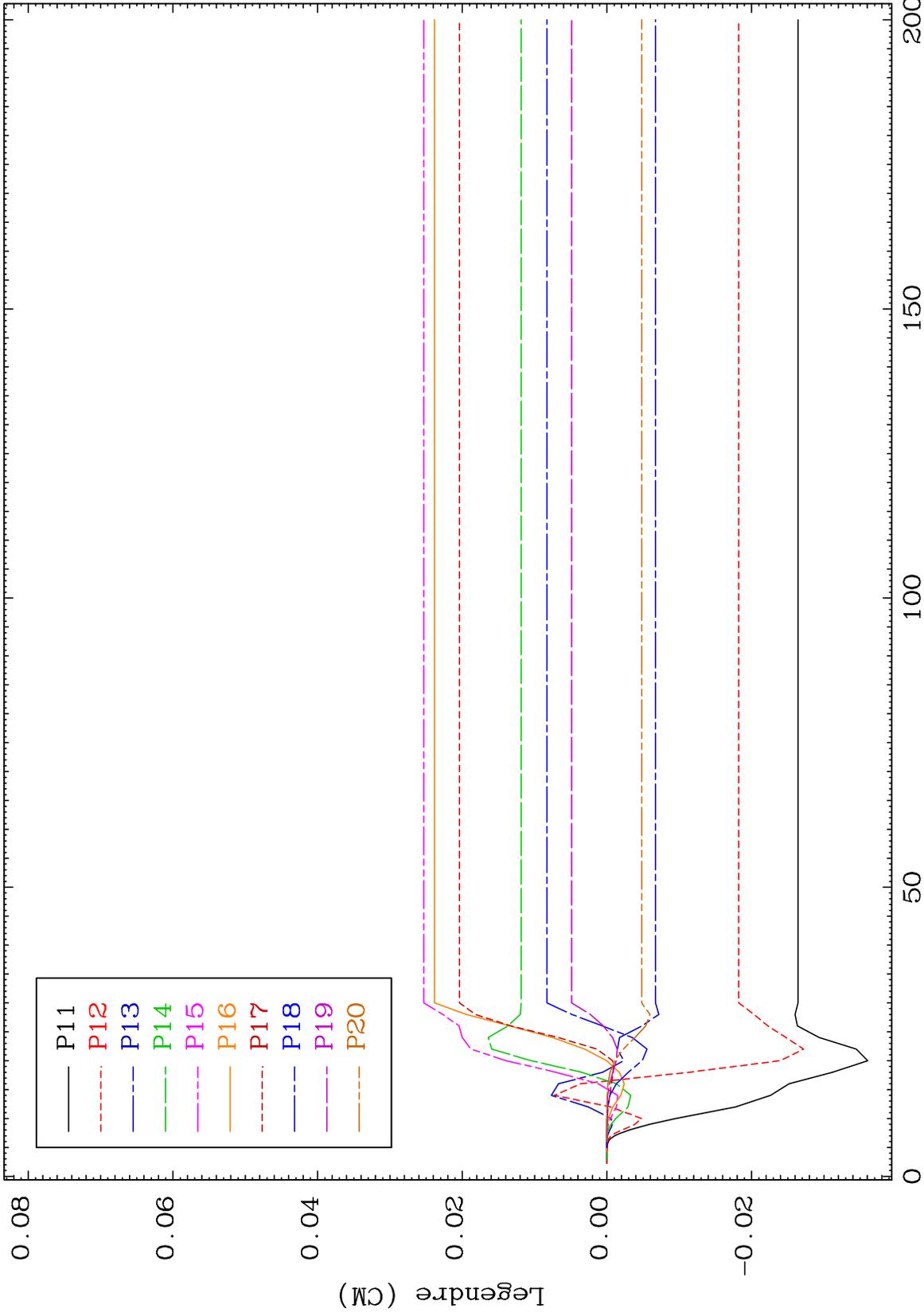


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MAT 8331

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

83-Bi-211



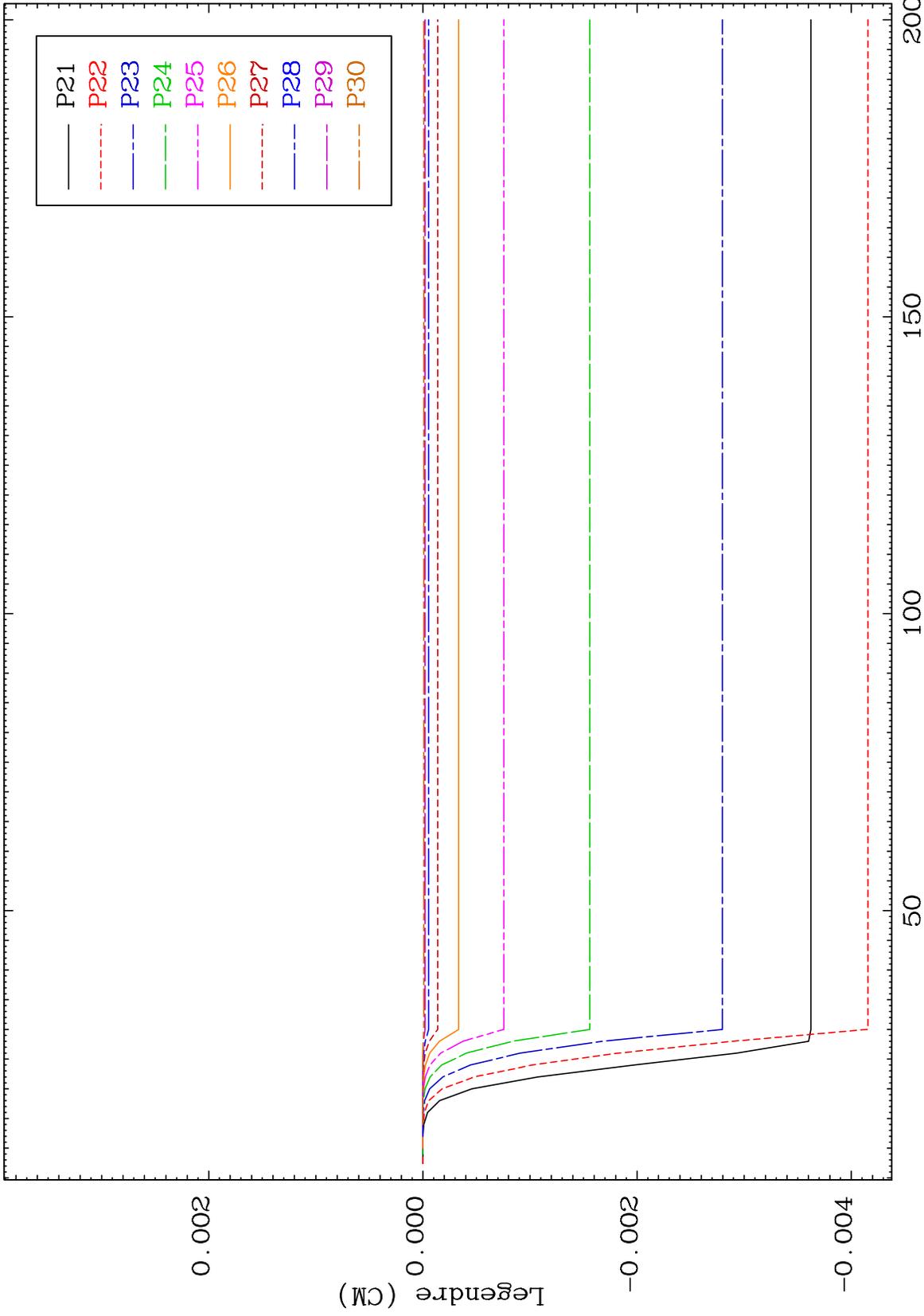
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83-Bi-211

MAT 8331

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

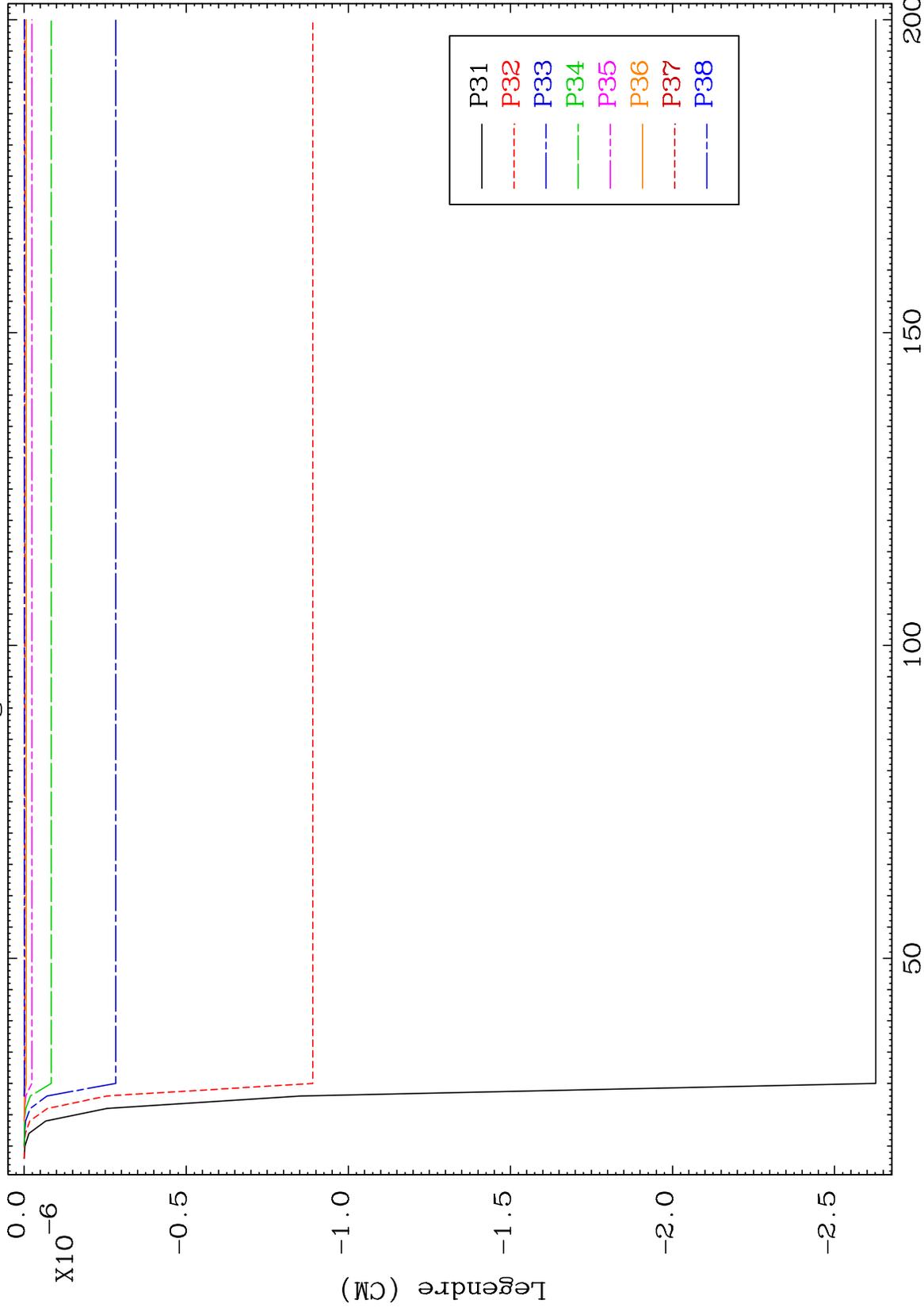
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Incident Energy (MeV)

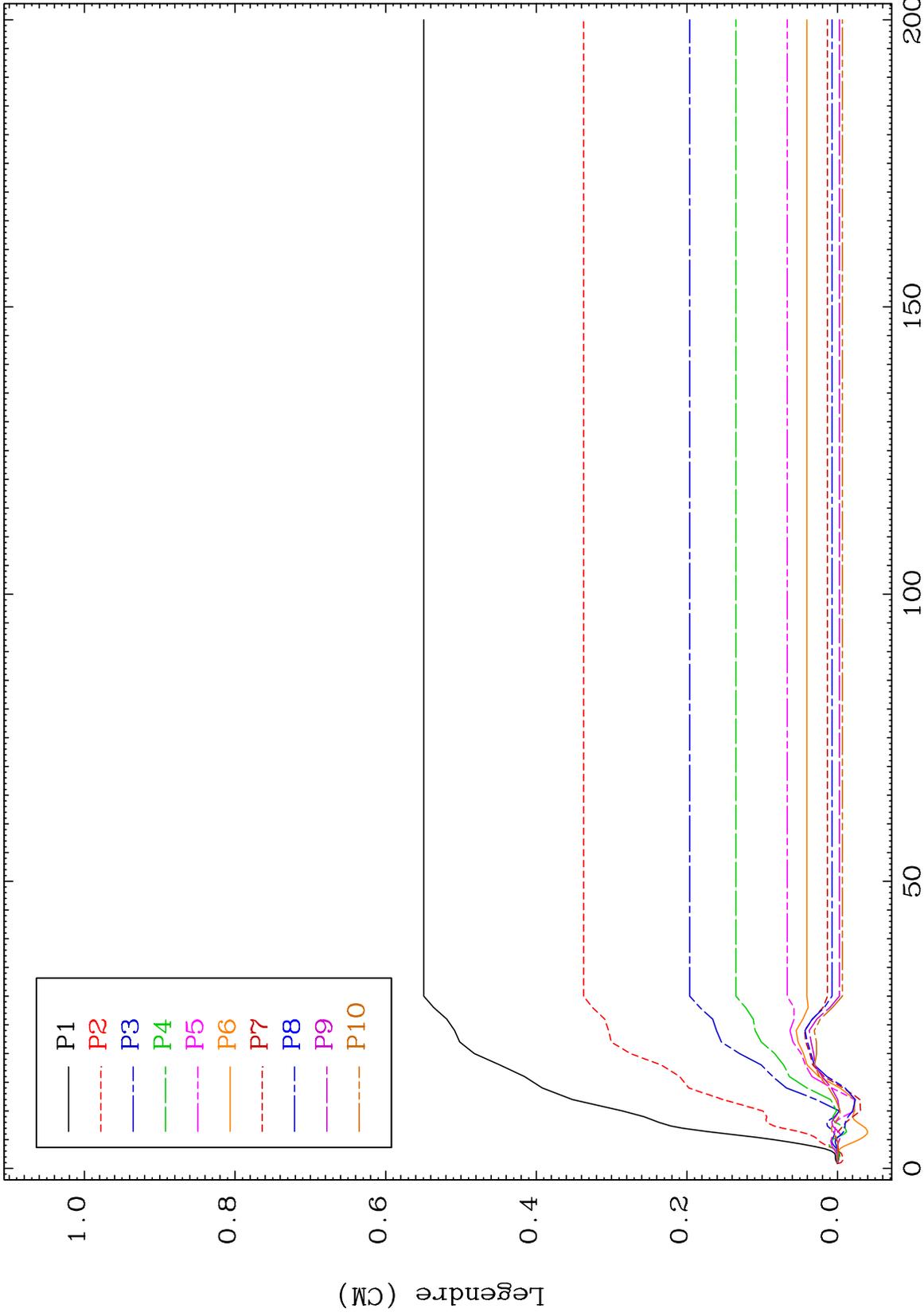
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MAT 8331

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

83-Bi-211



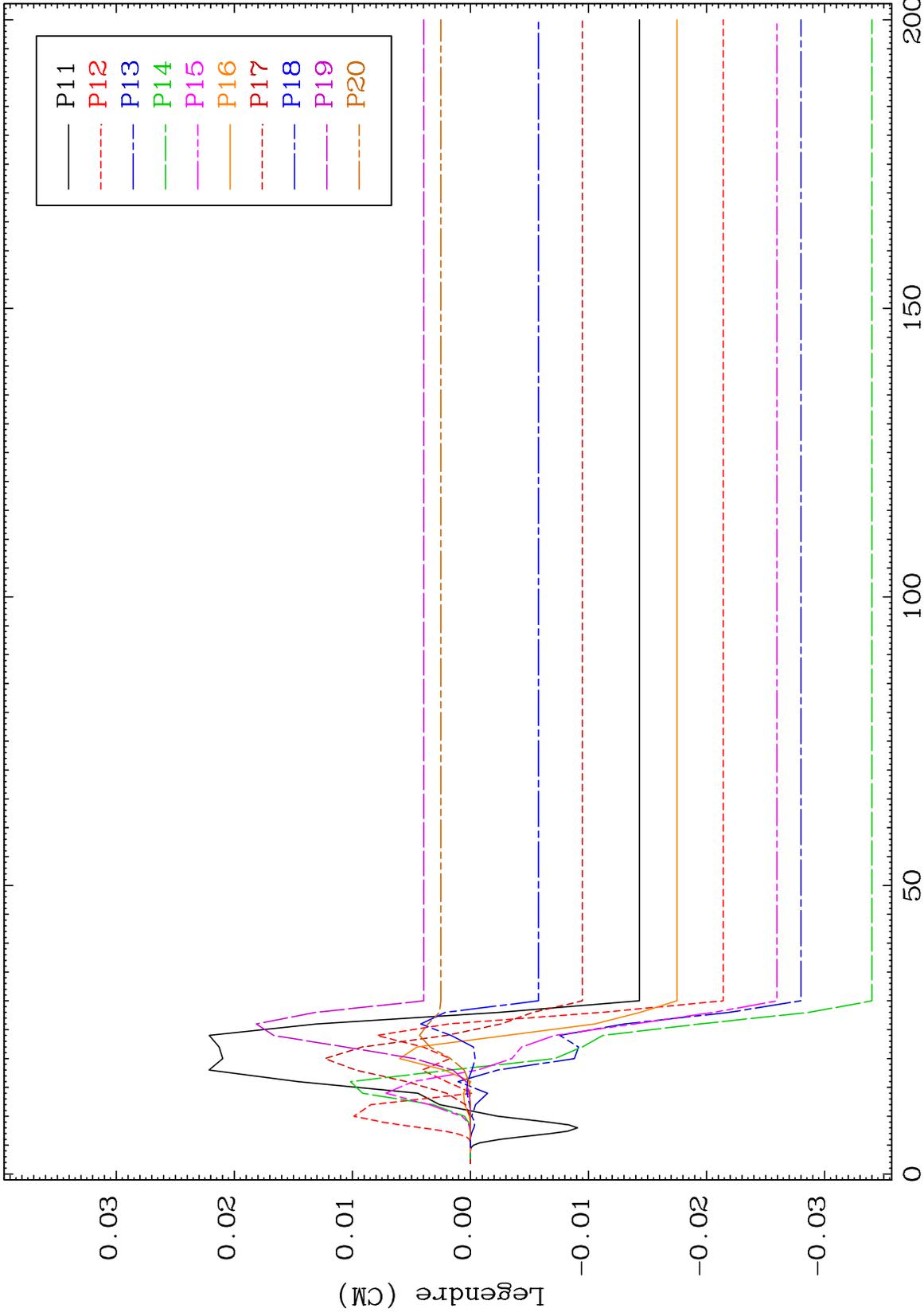
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83-Bi-211

MAT 8331

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

83-Bi-211



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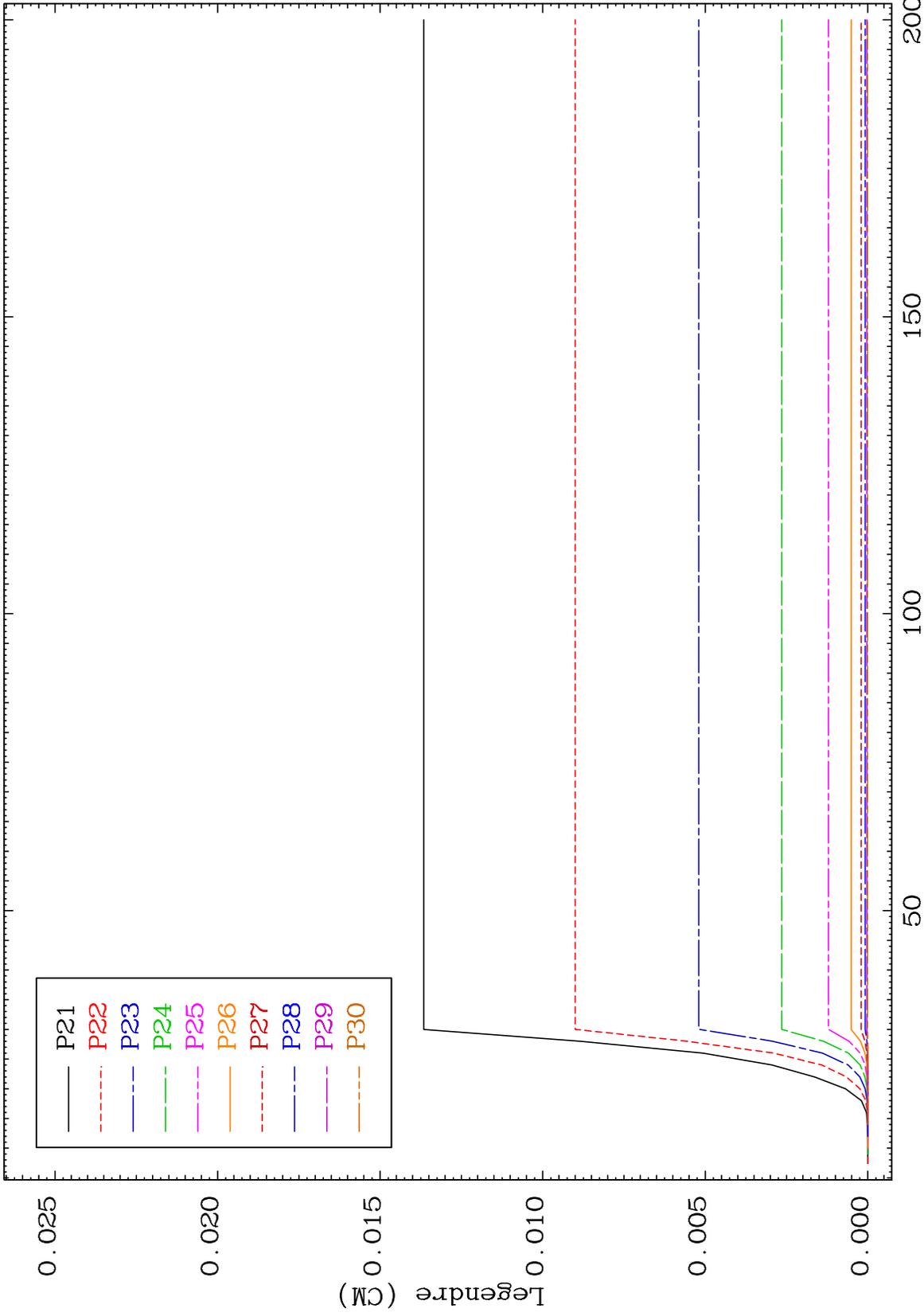
Incident Energy (MeV)

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MAT 8331

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

83-Bi-211



34

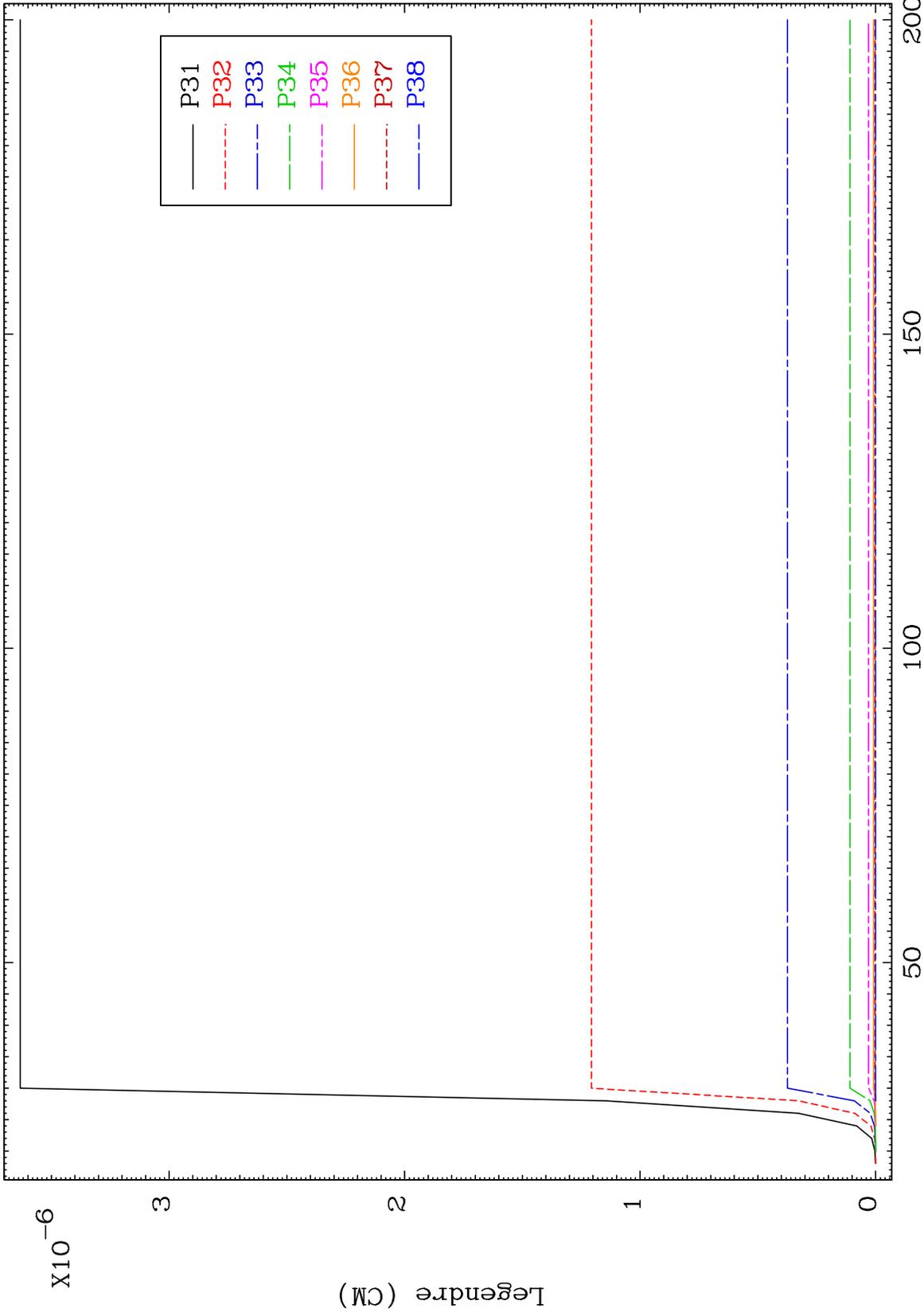
Incident Energy (MeV)

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MAT 8331

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

83-Bi-211



35

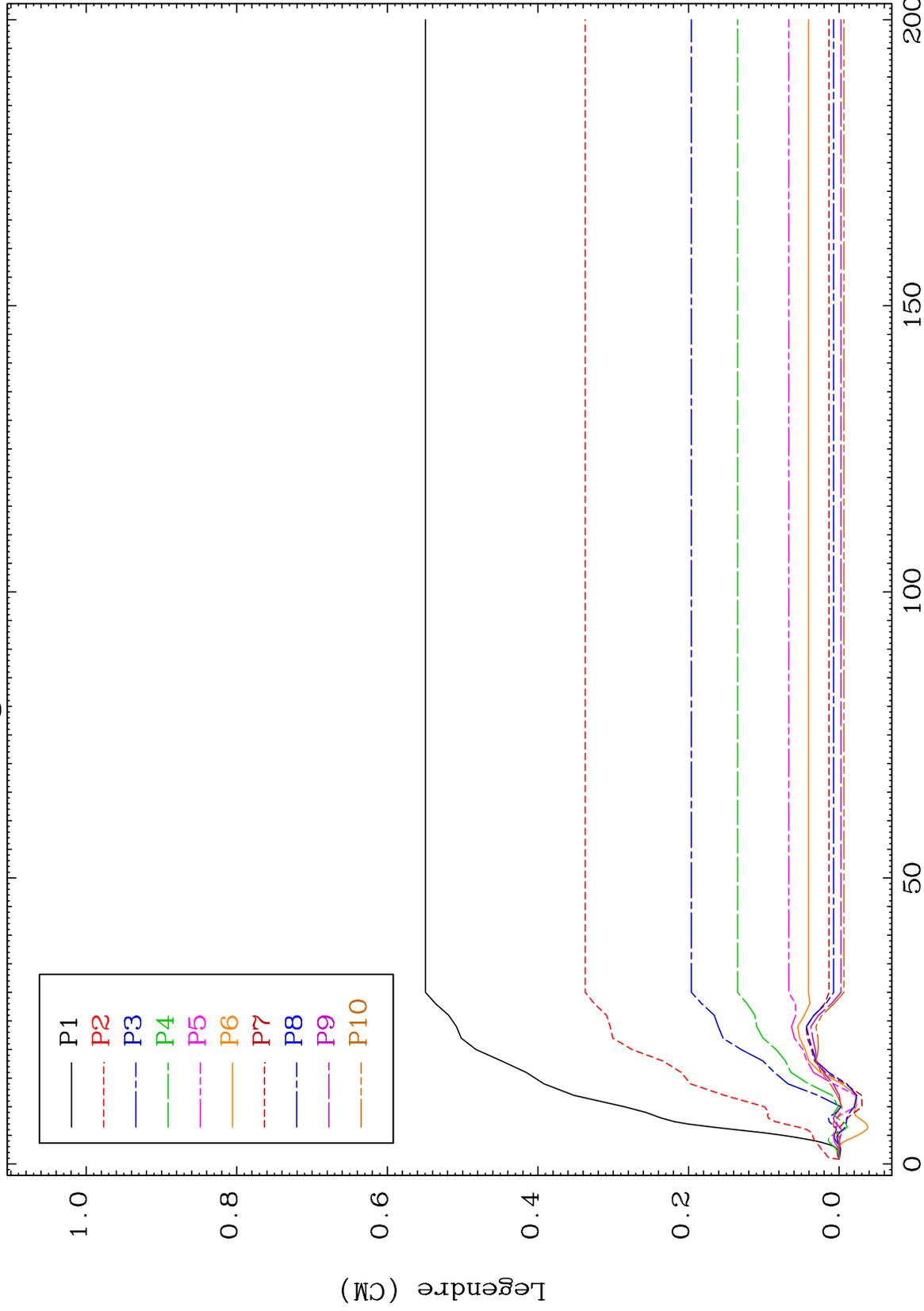
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



36

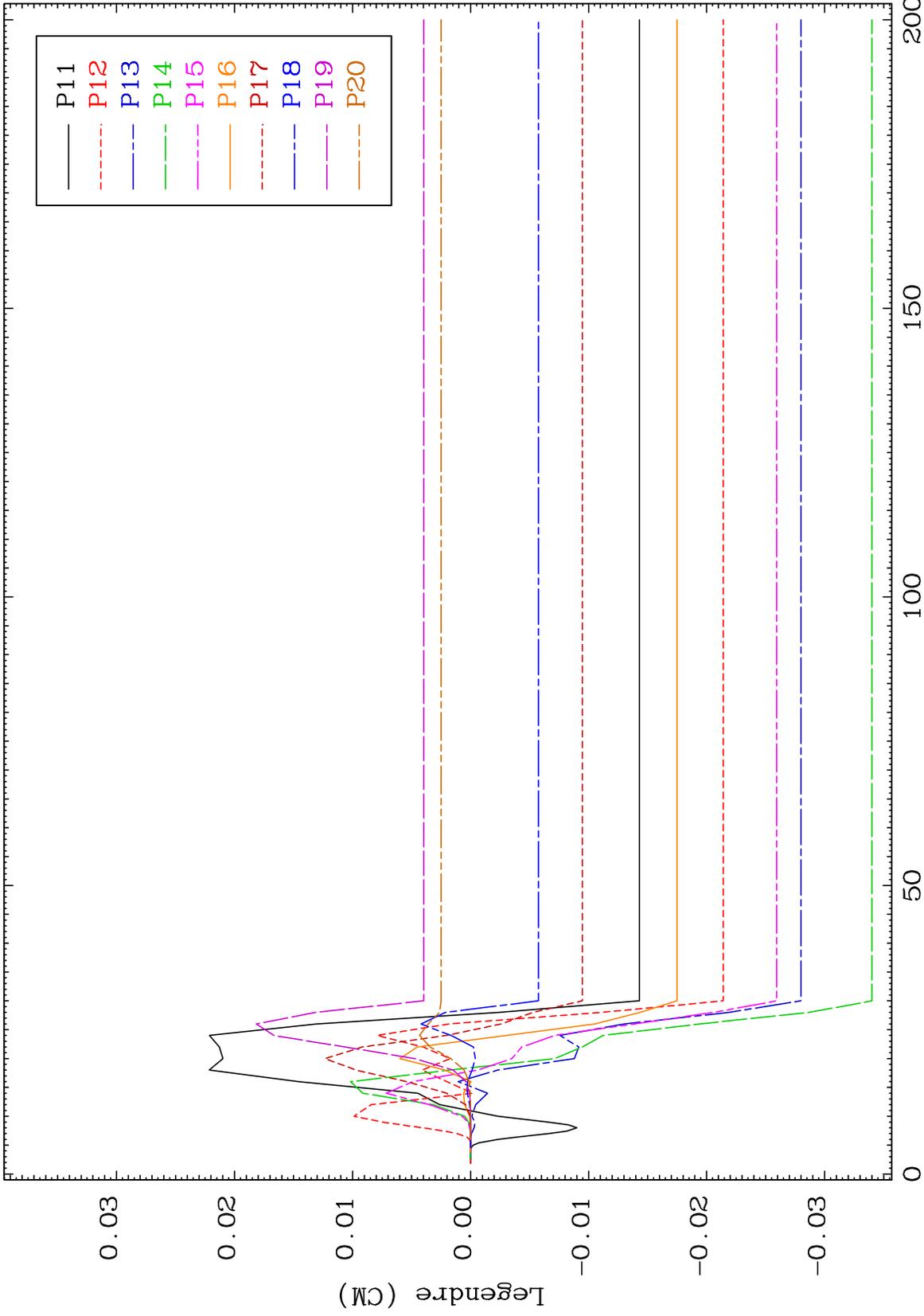
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MAT 8331

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

83-Bi-211



37

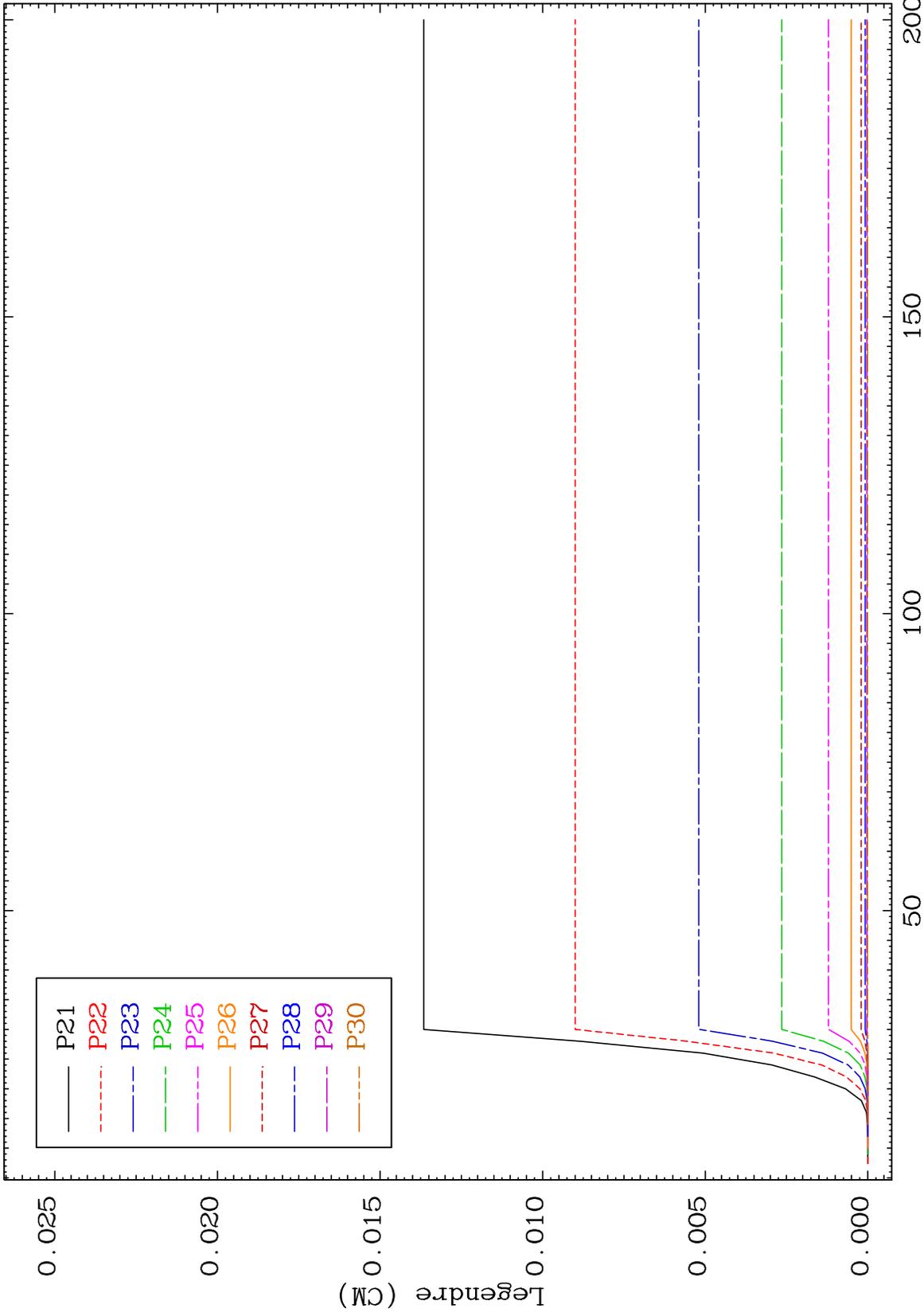
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



38

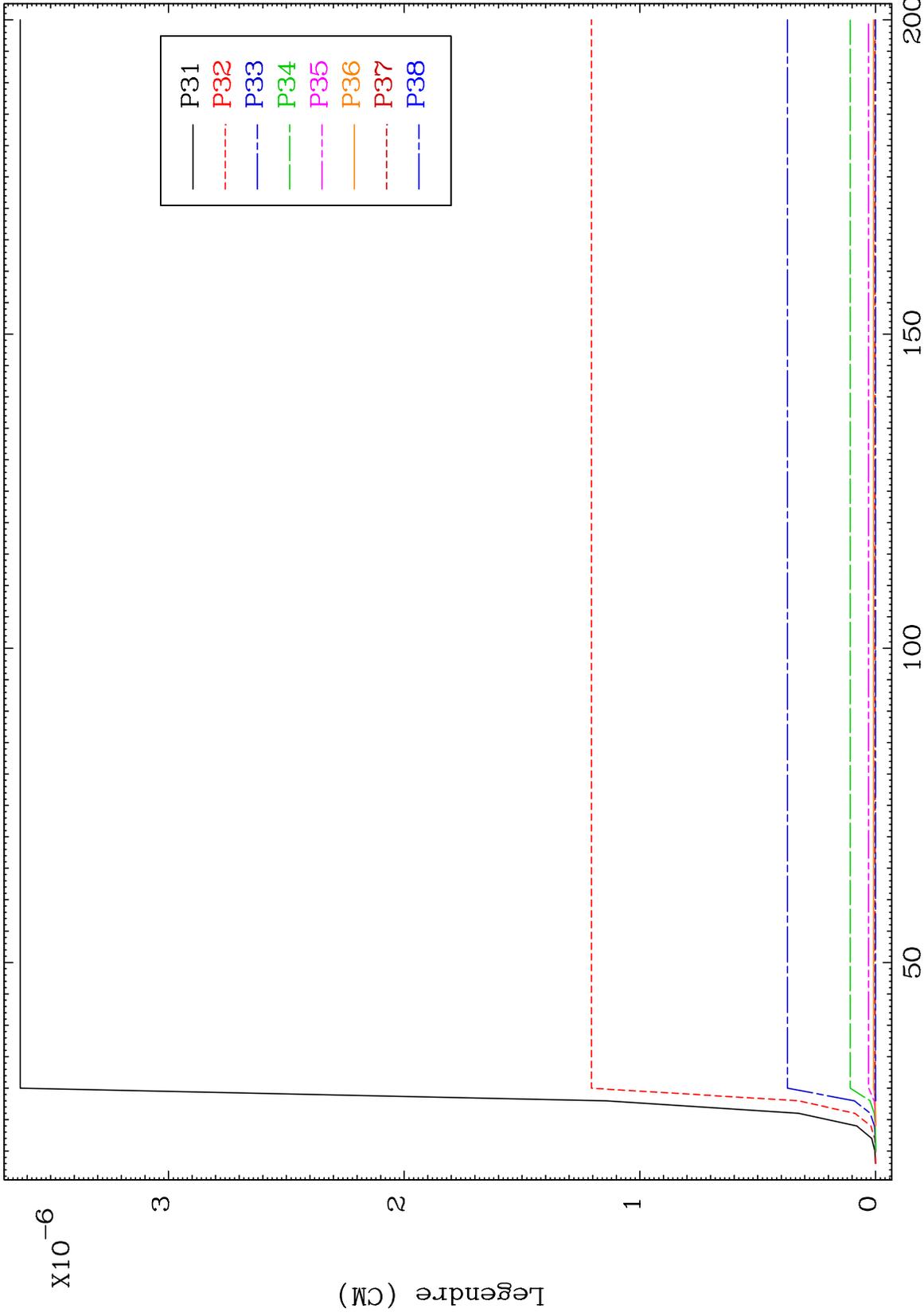
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



39

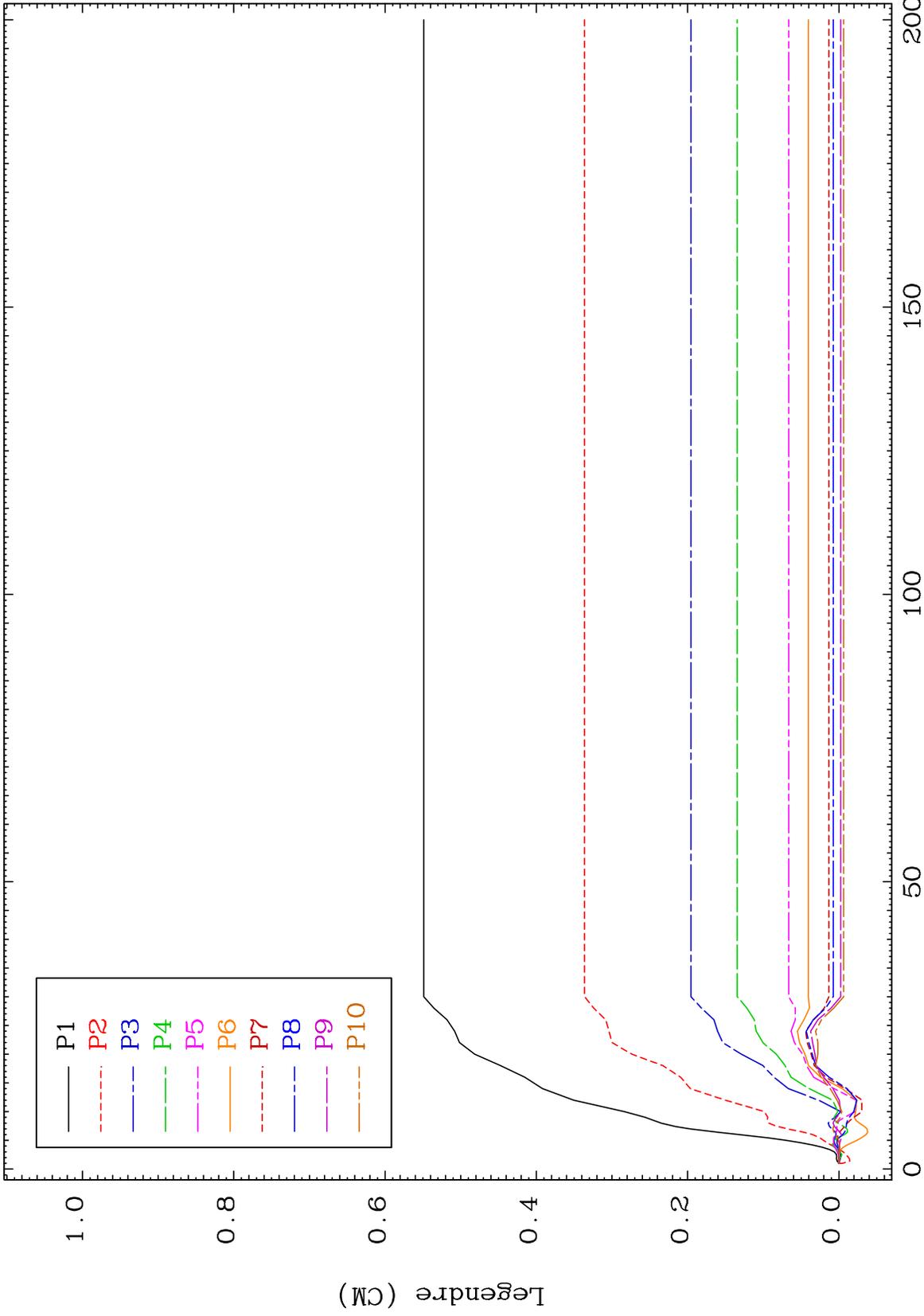
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211

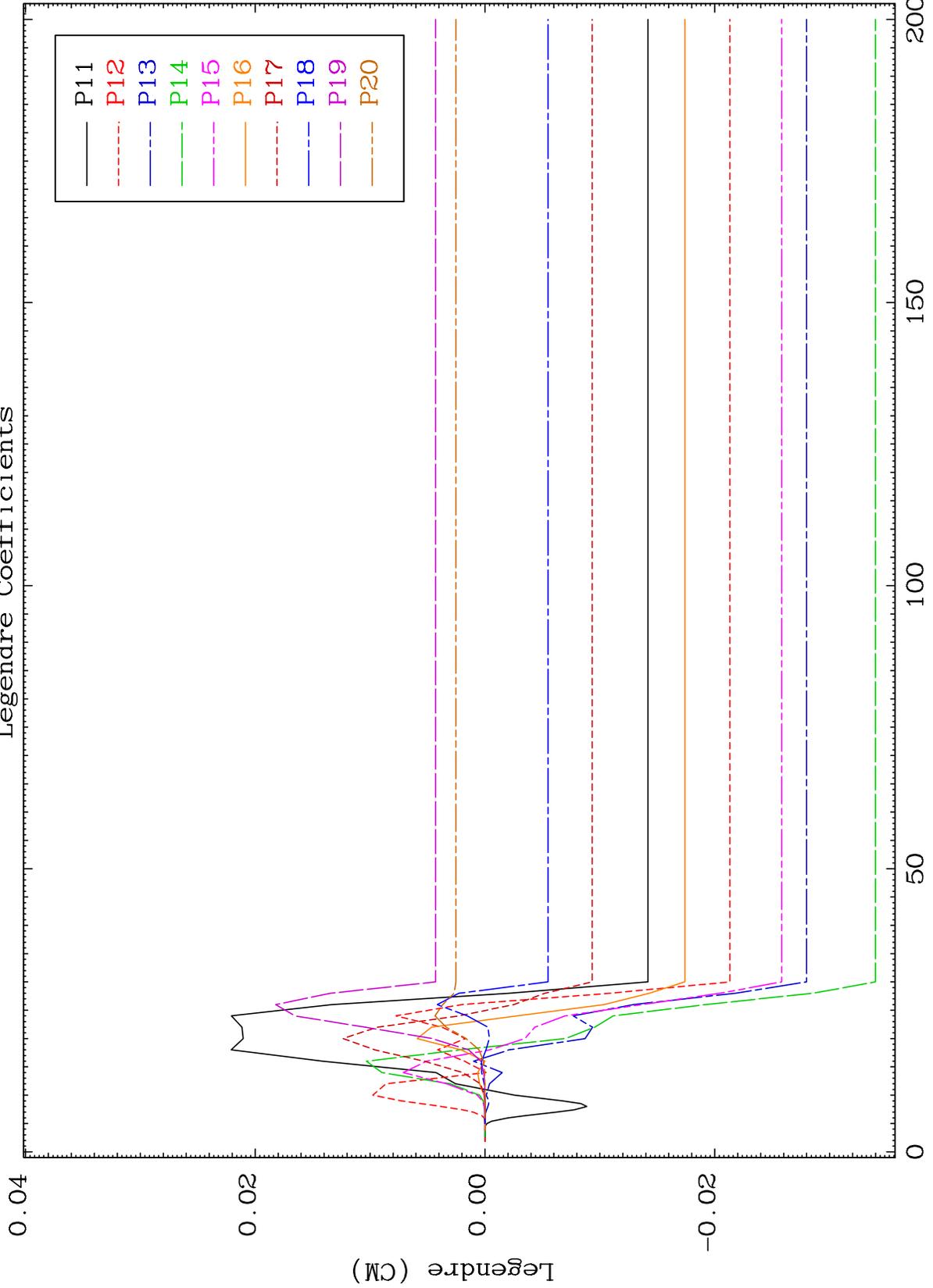


83-Bi-211

Incident Energy (MeV)

40

MAT 8331 MT= 56 (n,n') Level Legendre Coefficients 83-Bi-211



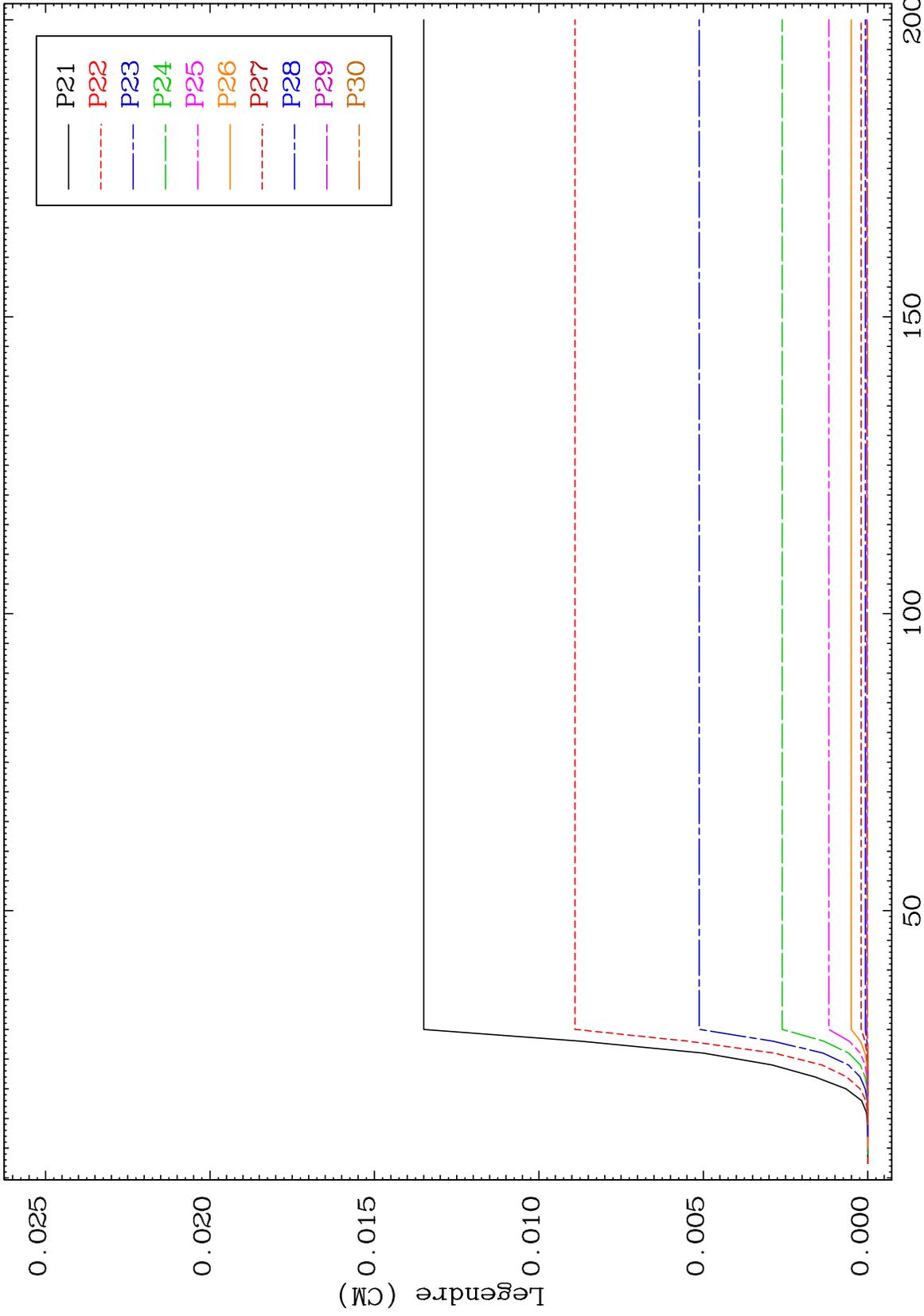
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Incident Energy (MeV)

MAT 8331

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

83-Bi-211



42

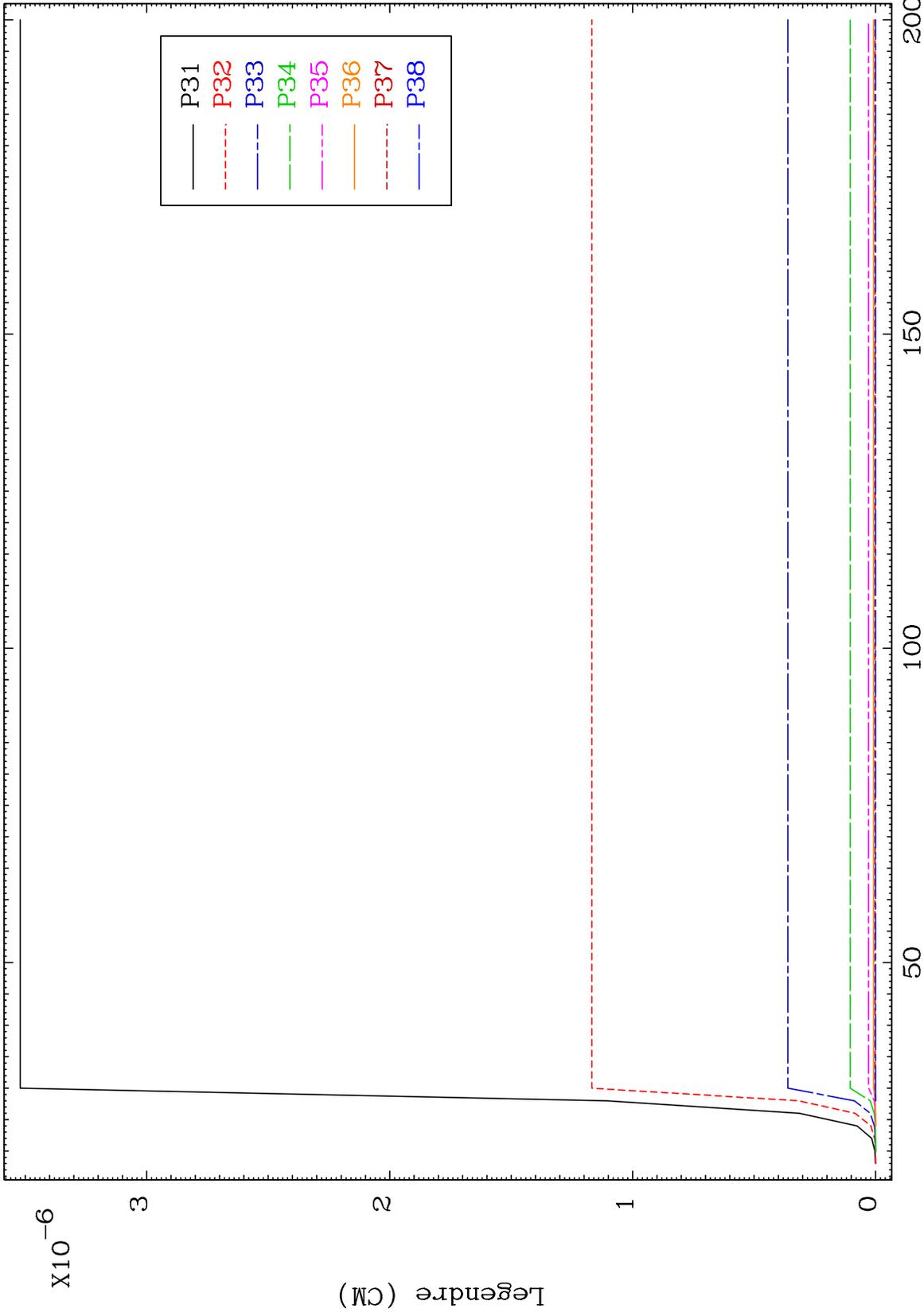
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83-Bi-211

MAT 8331

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

83-Bi-211



43

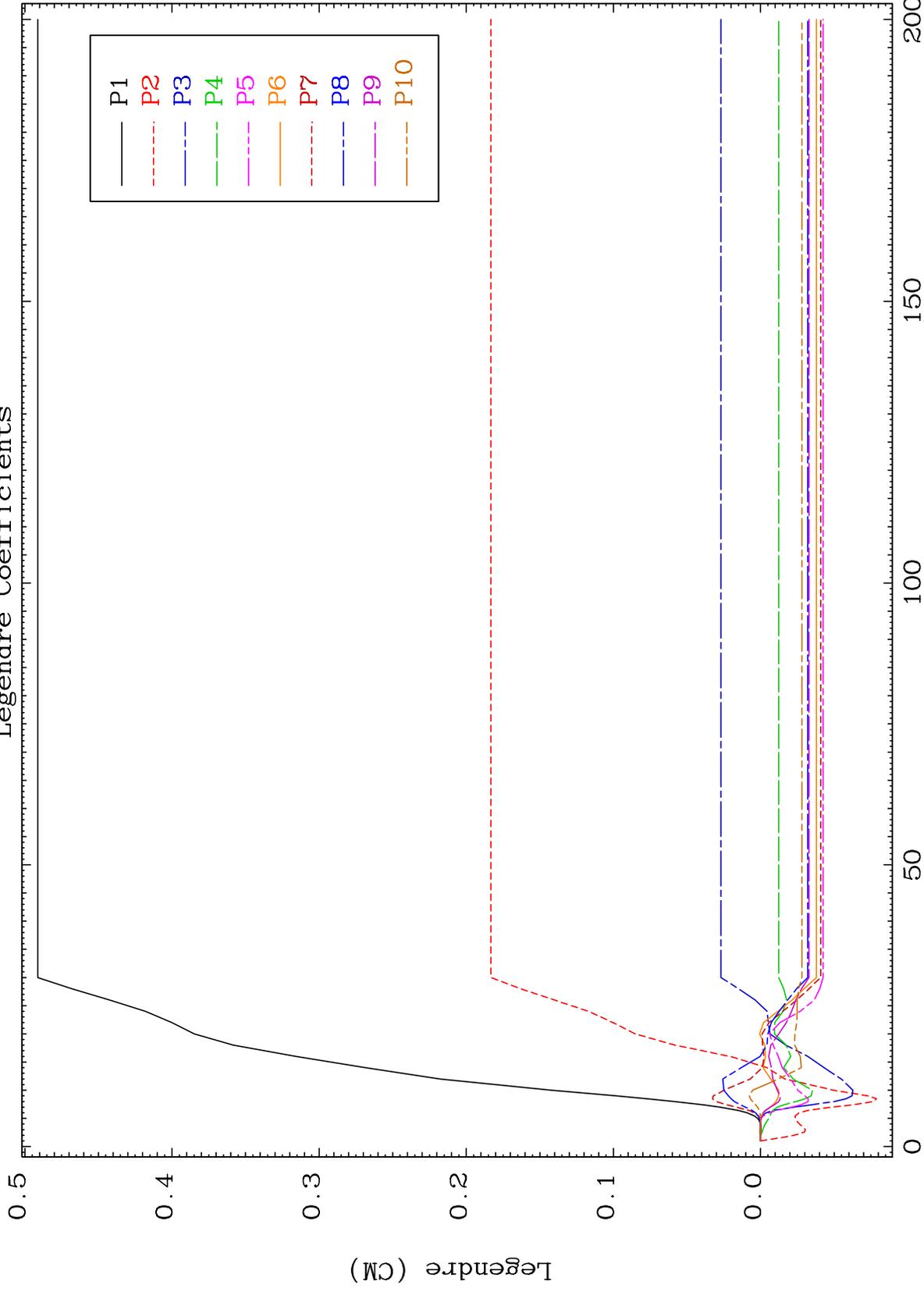
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83-Bi-211

MAT 8331

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

83-Bi-211



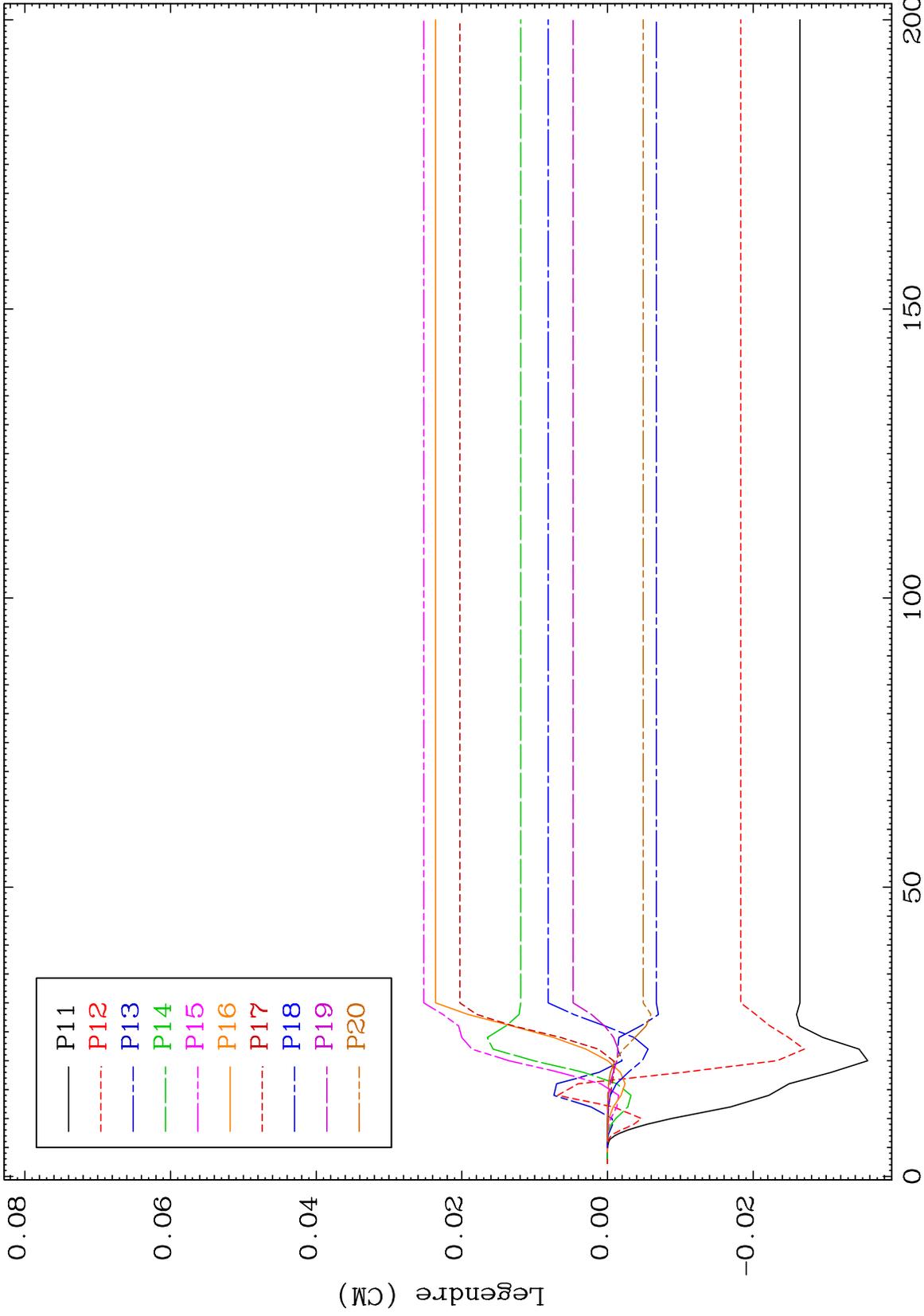
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83-Bi-211

MAT 8331

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

83-Bi-211



45

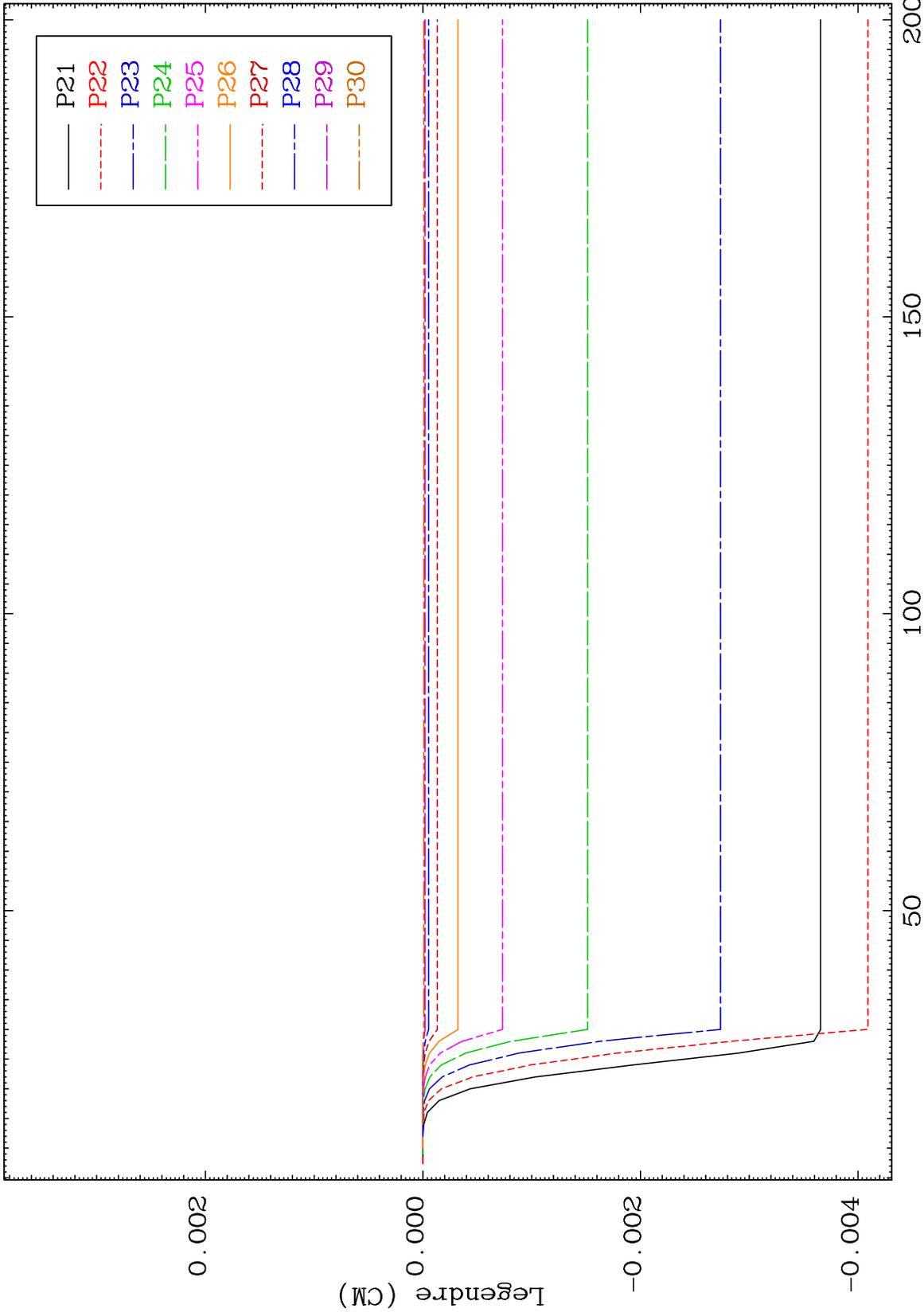
Incident Energy (MeV)

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MAT 8331

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

83-Bi-211



46

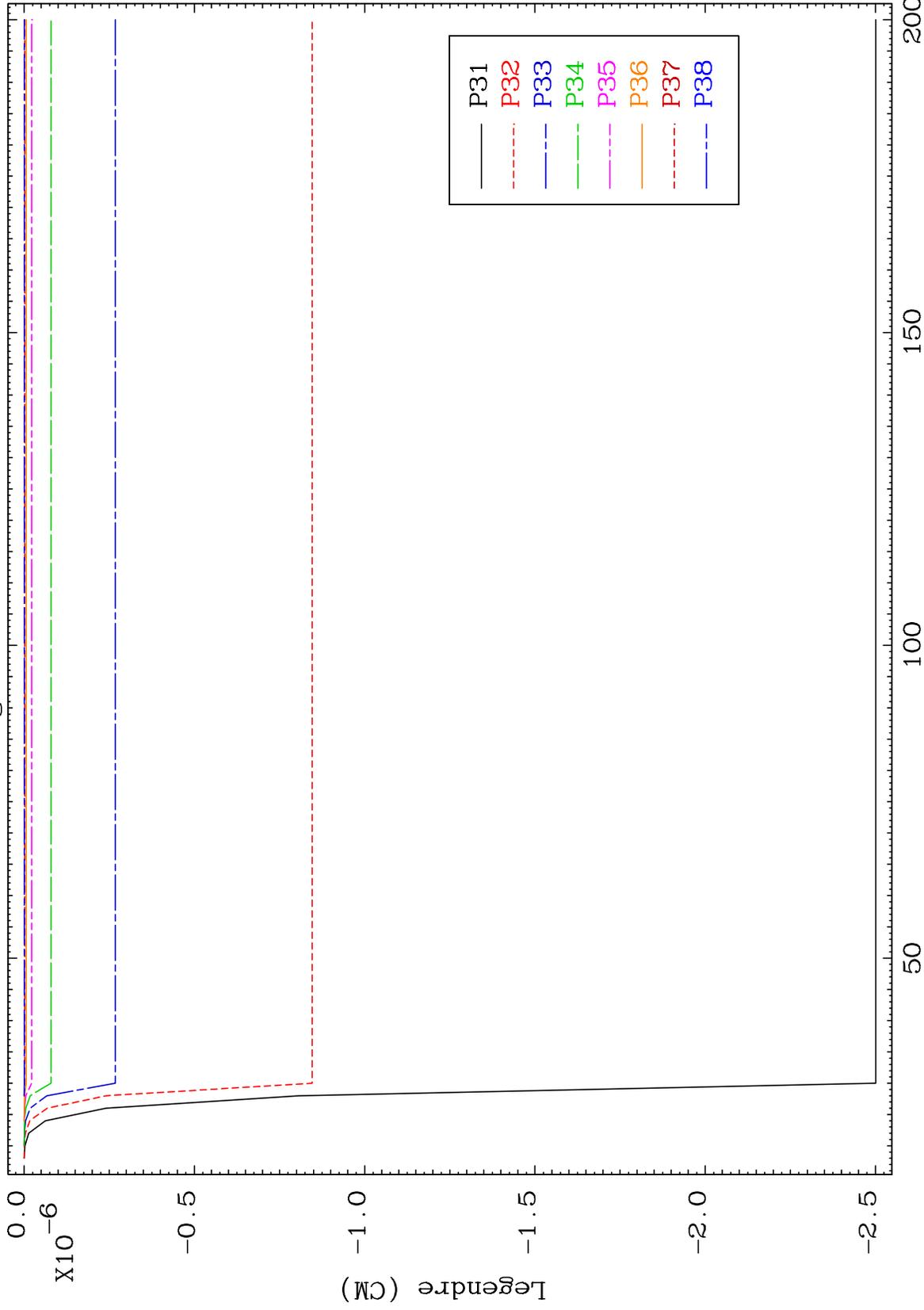
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MAT 8331

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

83-Bi-211



47

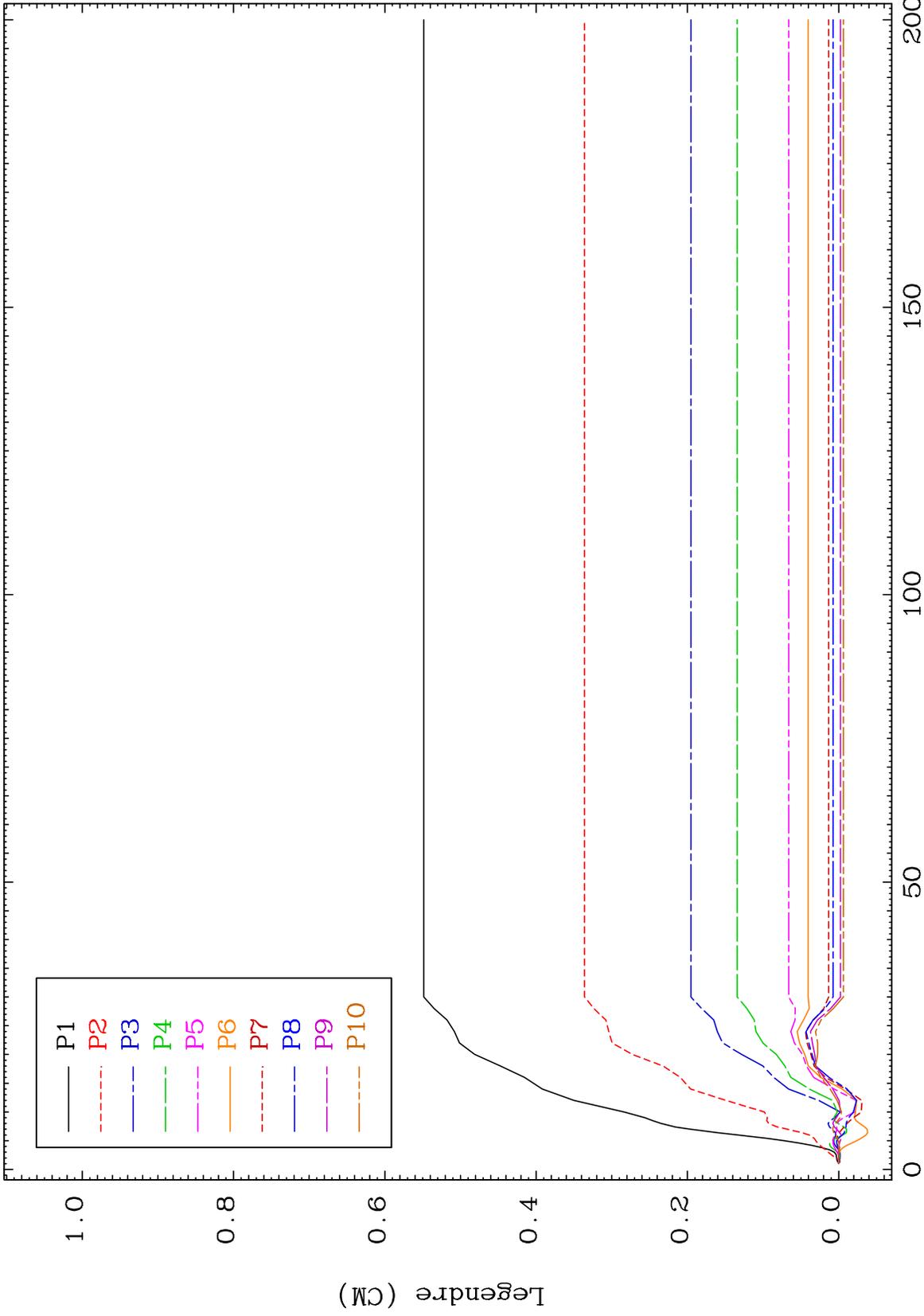
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211

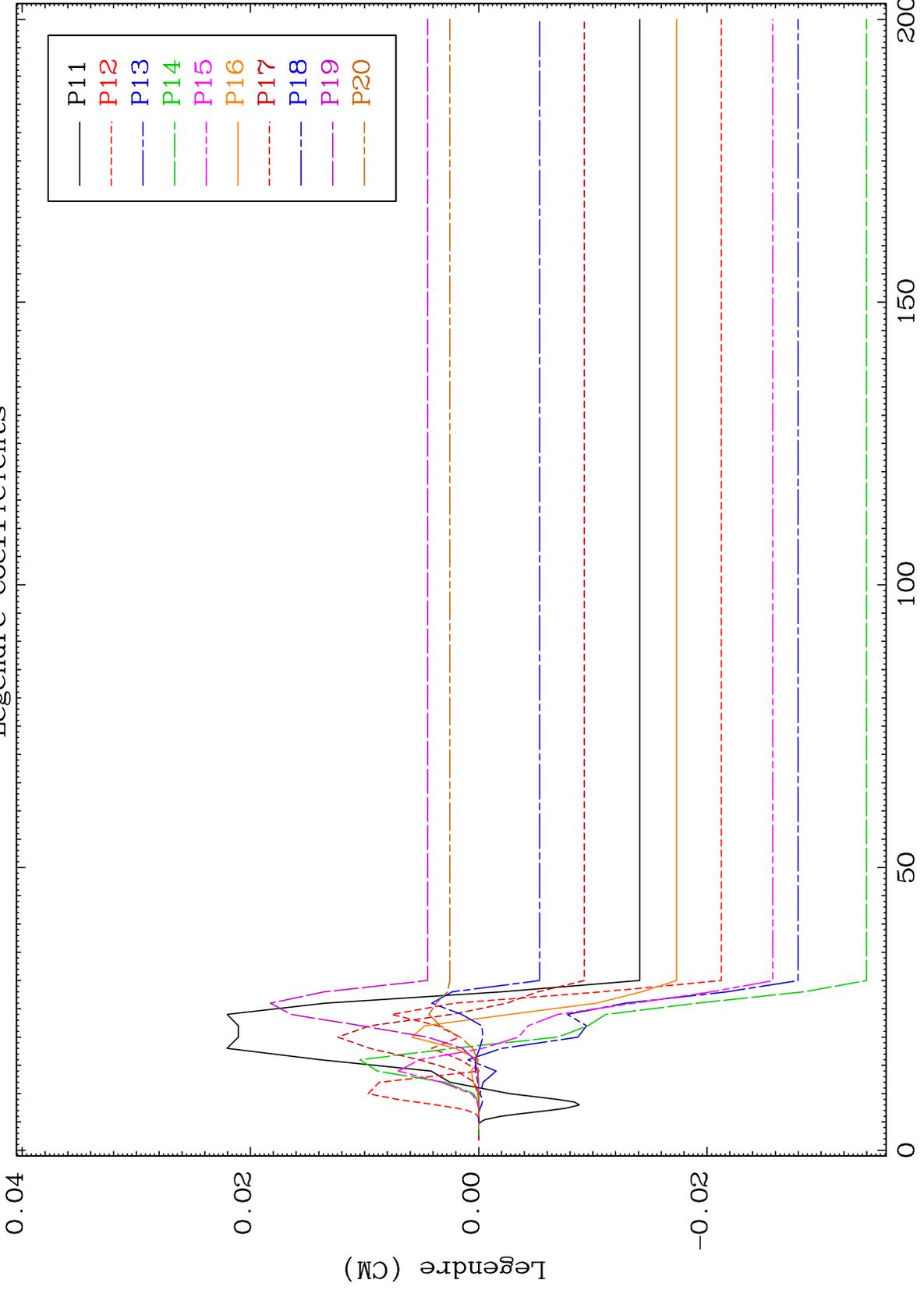


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Incident Energy (MeV)

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MAT 8331 MT= 58 (n,n') Level Legendre Coefficients 83-Bi-211

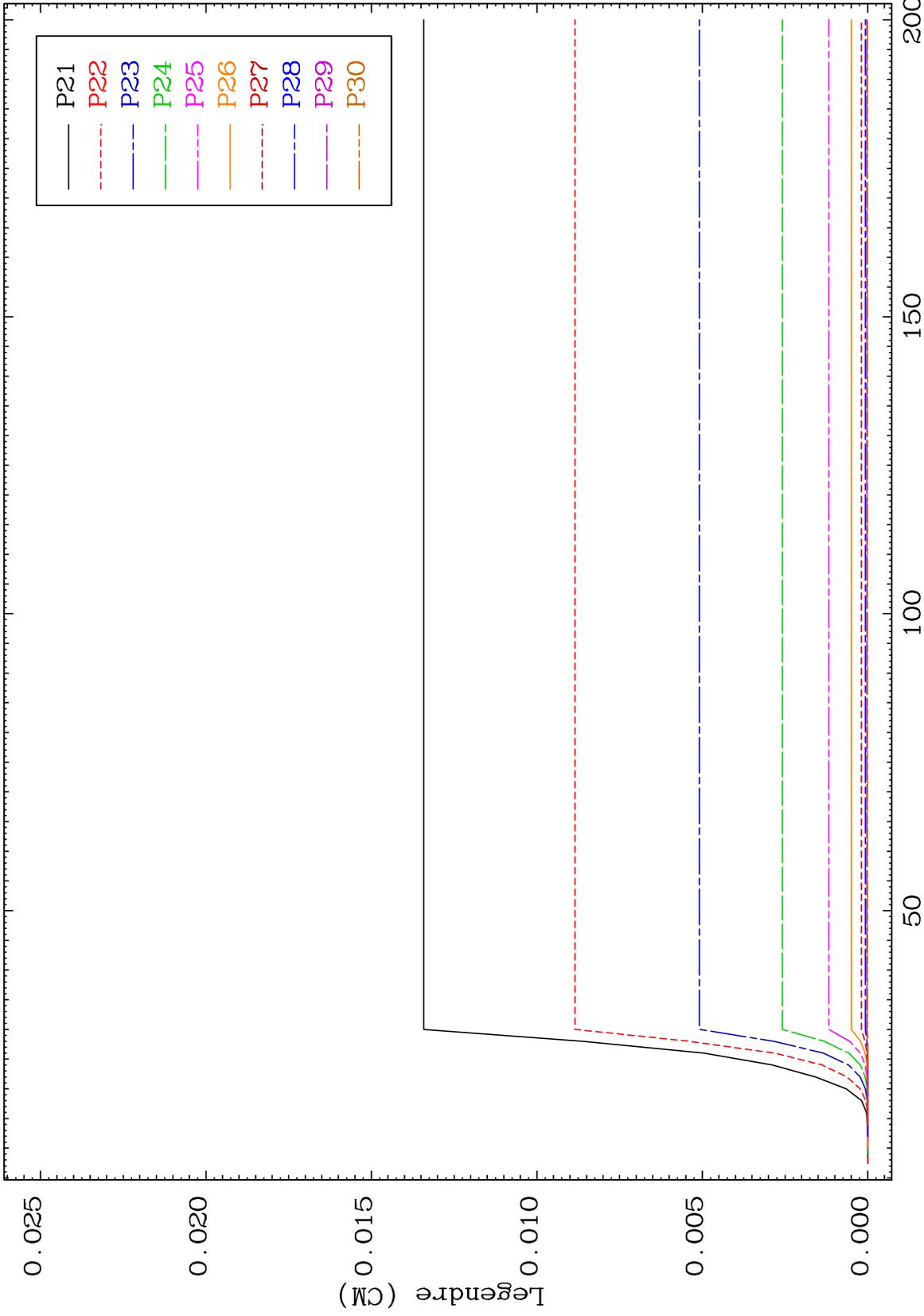


49 83-Bi-211

MAT 8331

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

83-Bi-211



50

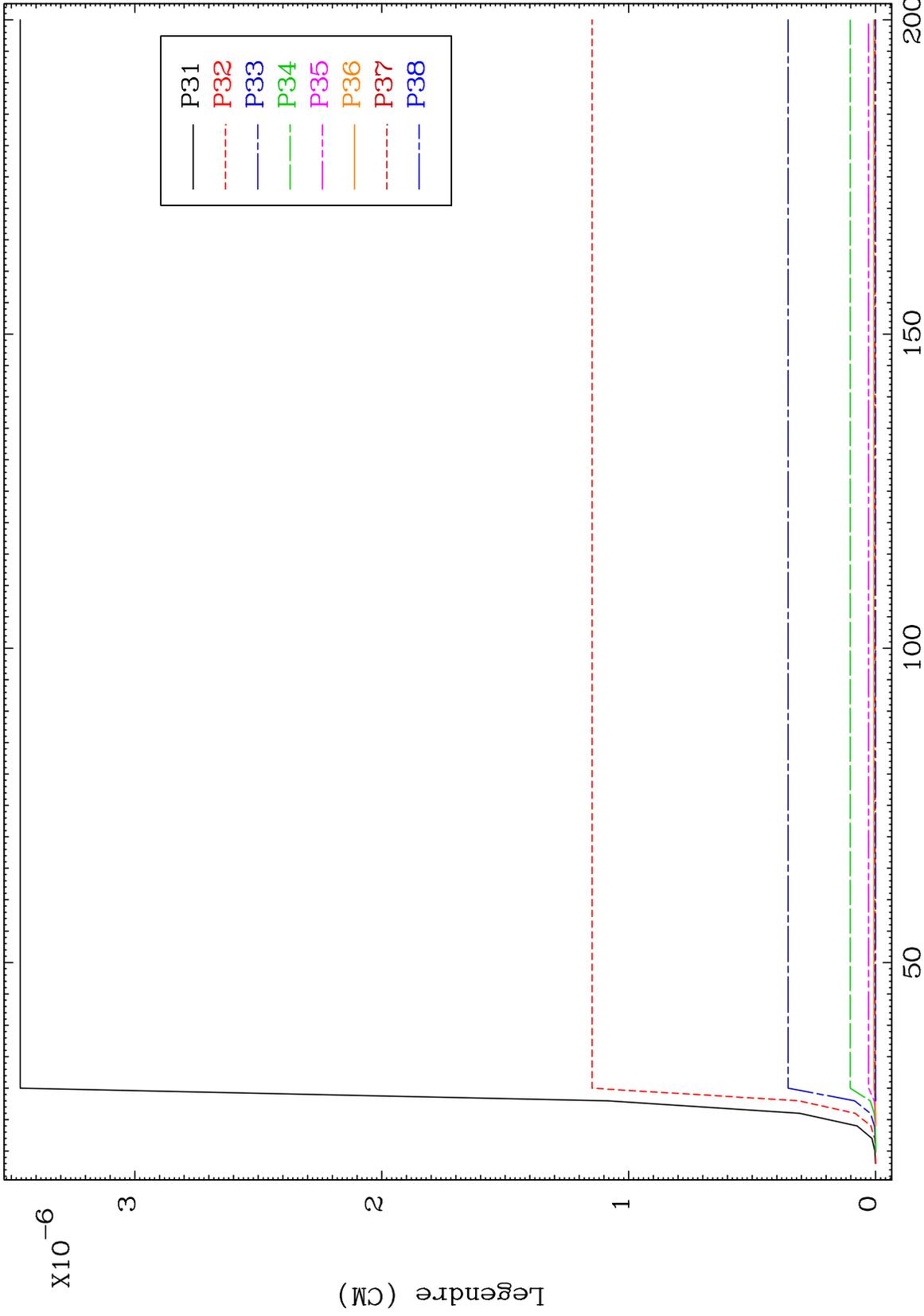
Incident Energy (MeV)

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MAT 8331

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

83-Bi-211



51

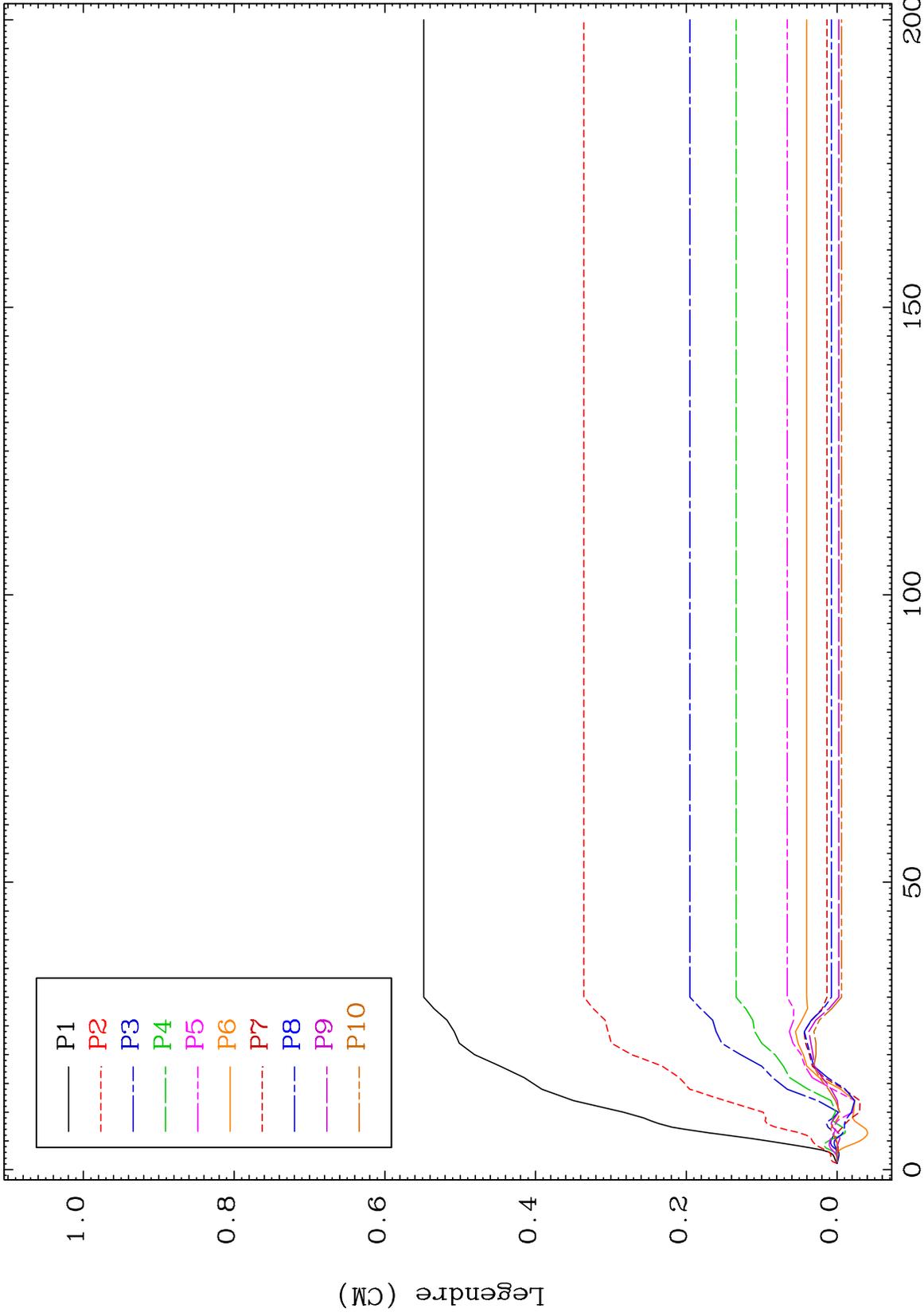
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211

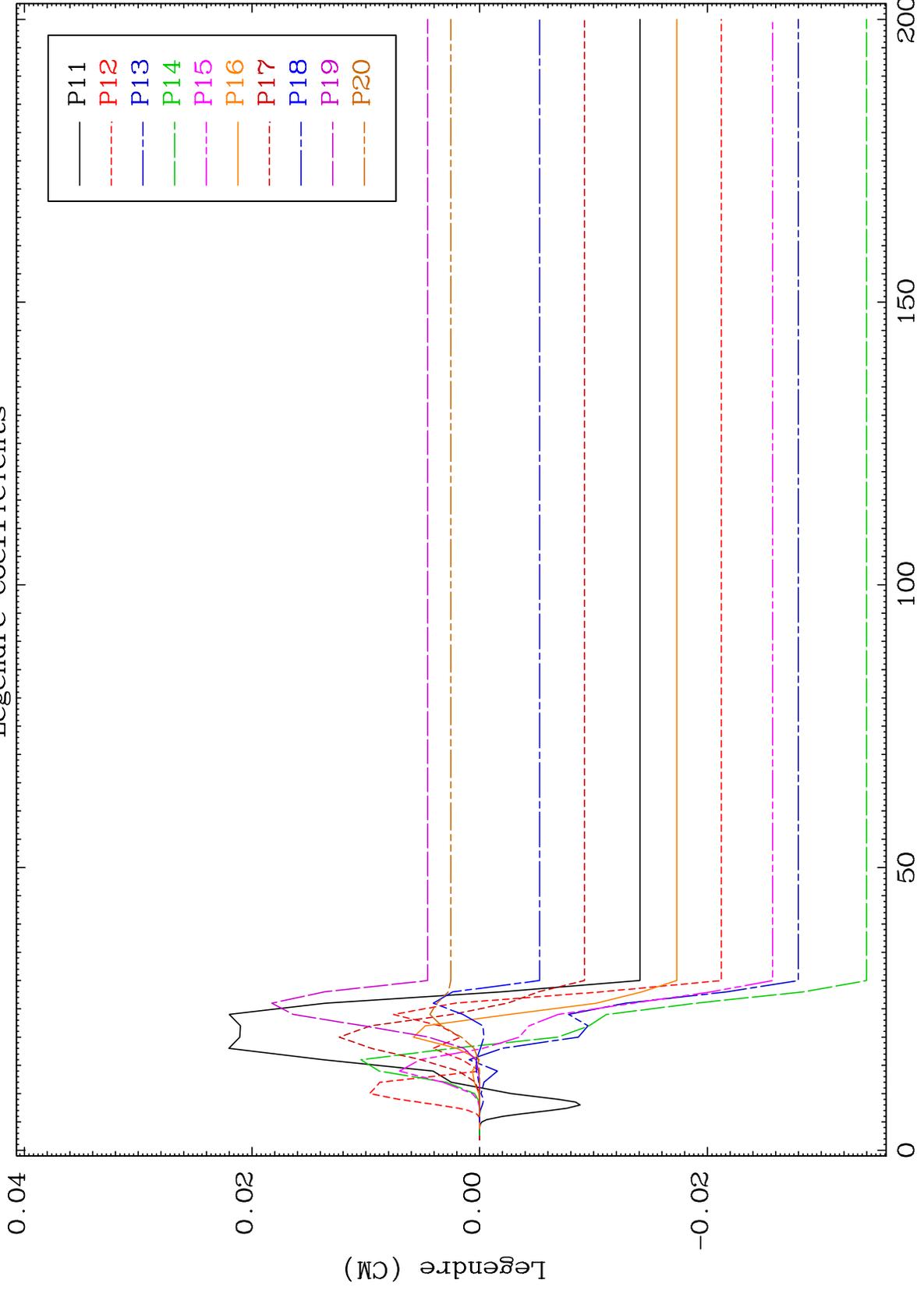


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Incident Energy (MeV)

83-Bi-211

MAT 8331 MT= 59 (n,n') Level Legendre Coefficients 83-Bi-211

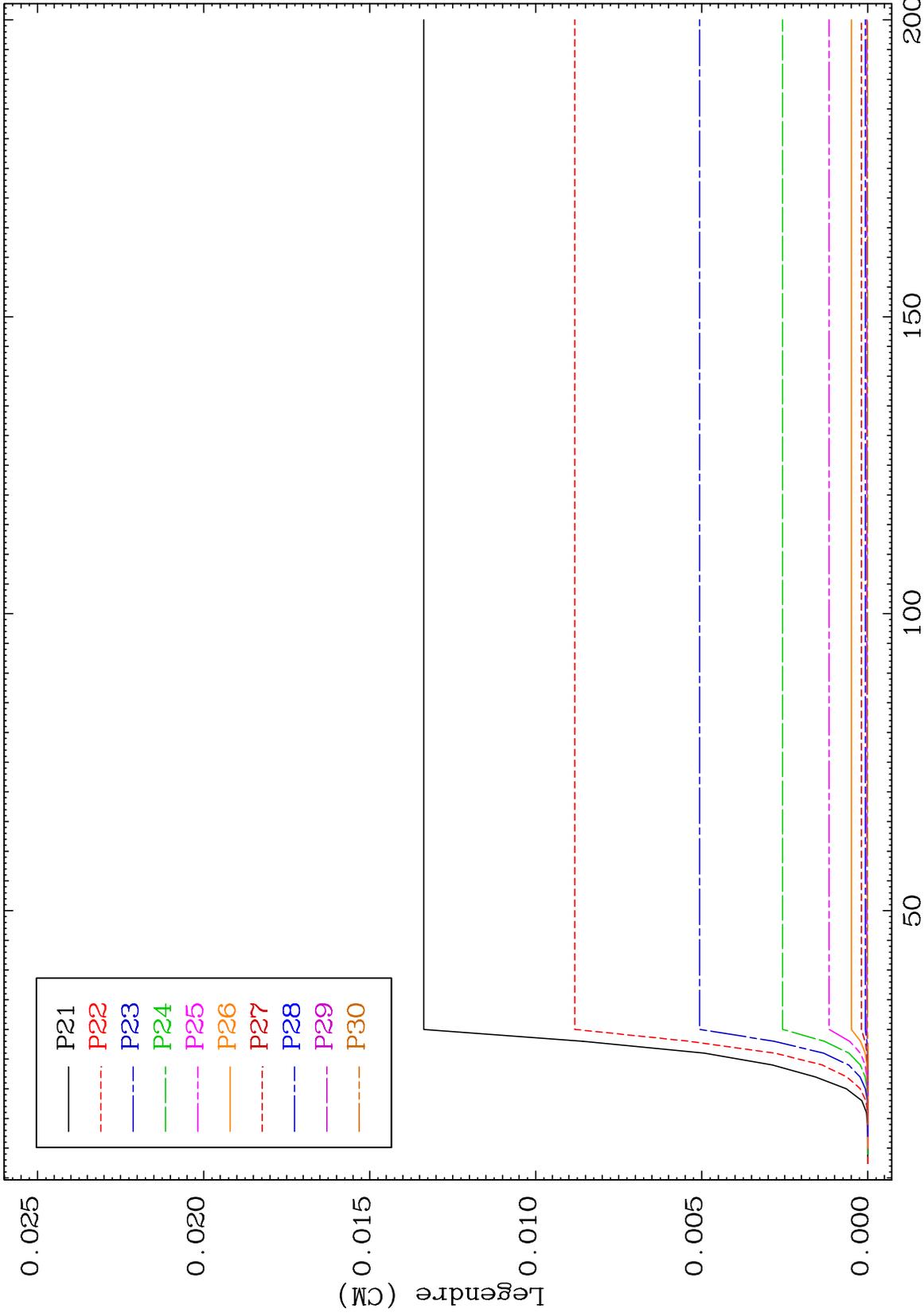


53 83-Bi-211

MAT 8331

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

83-Bi-211



54

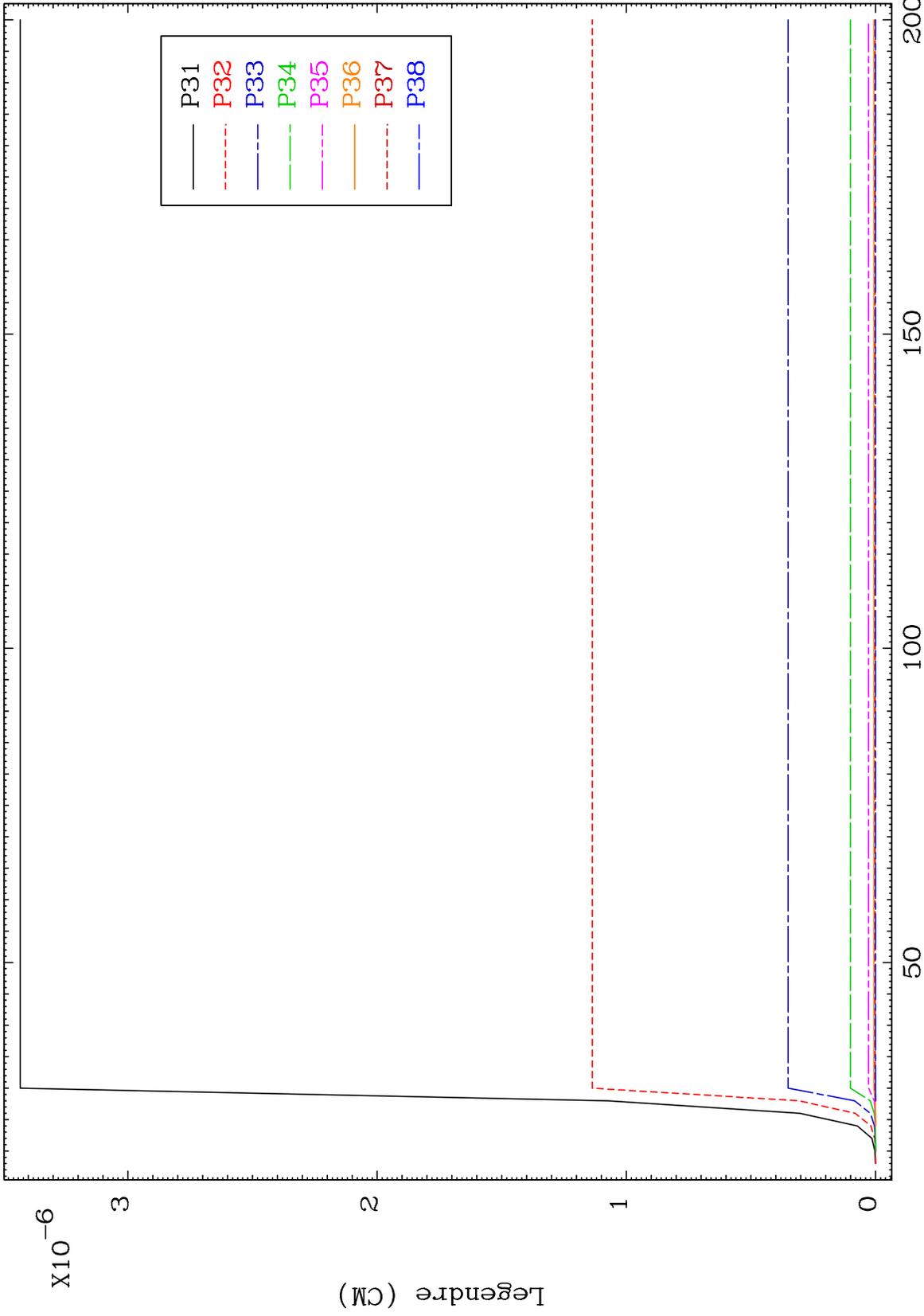
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



55

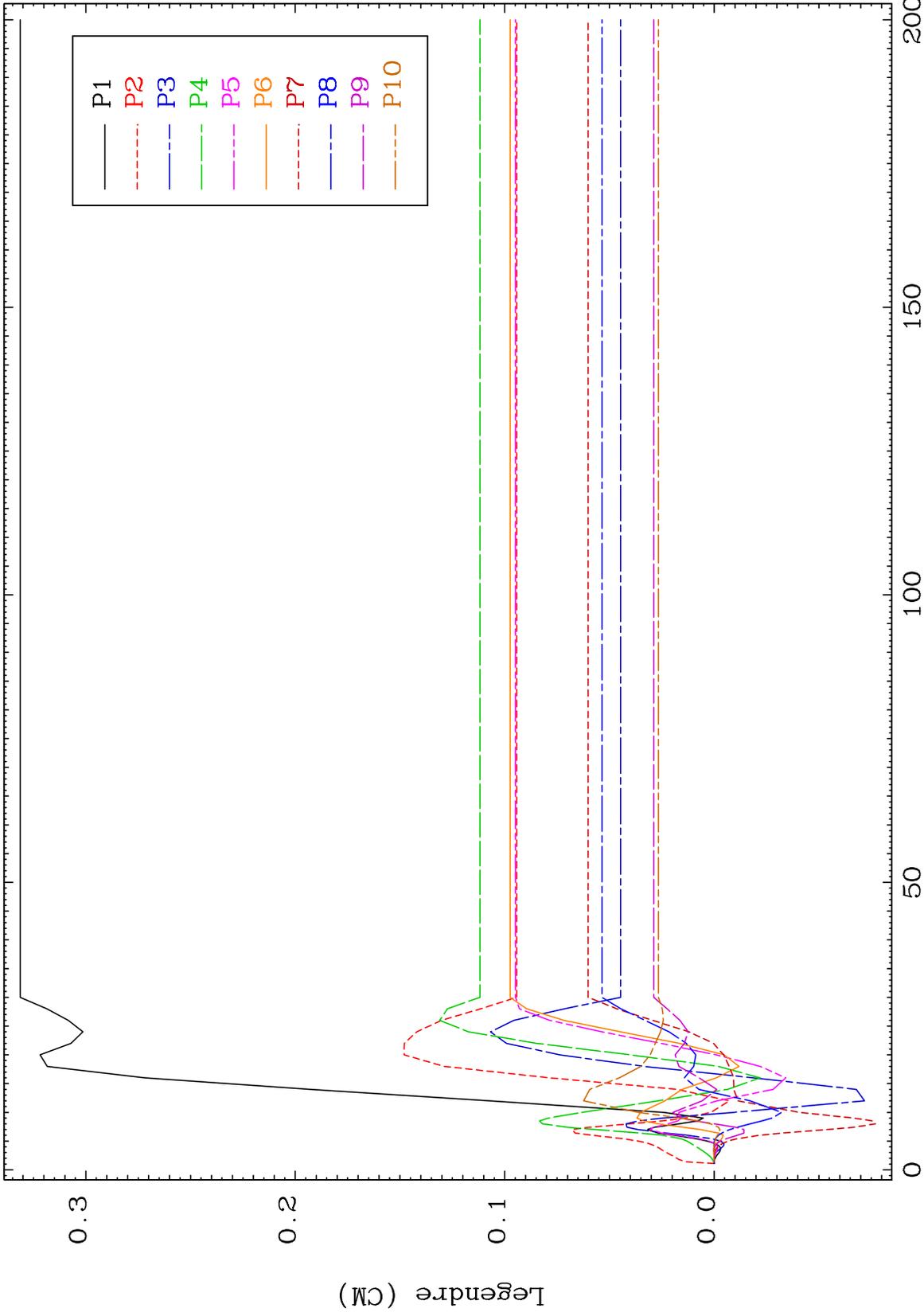
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



56

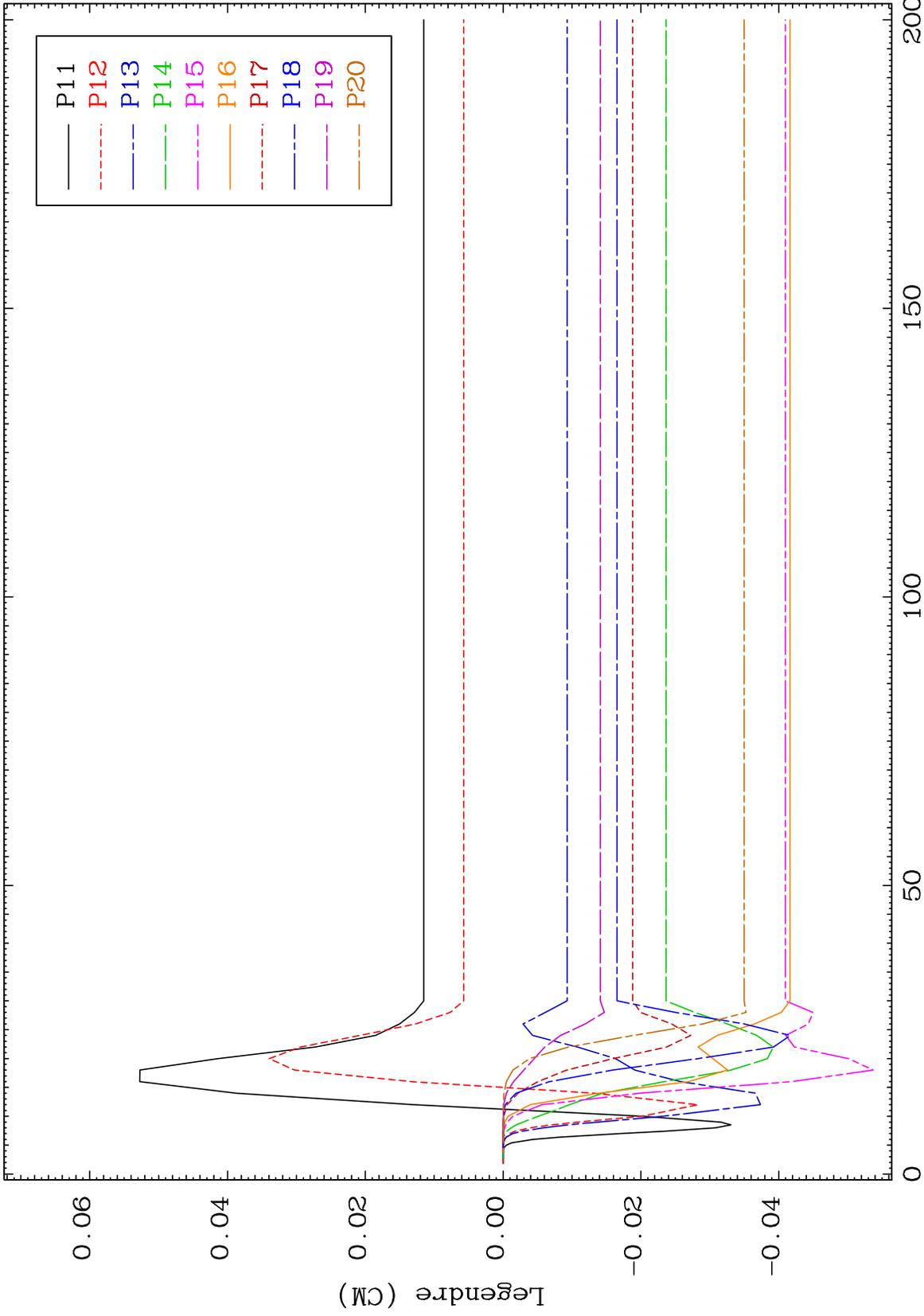
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



57

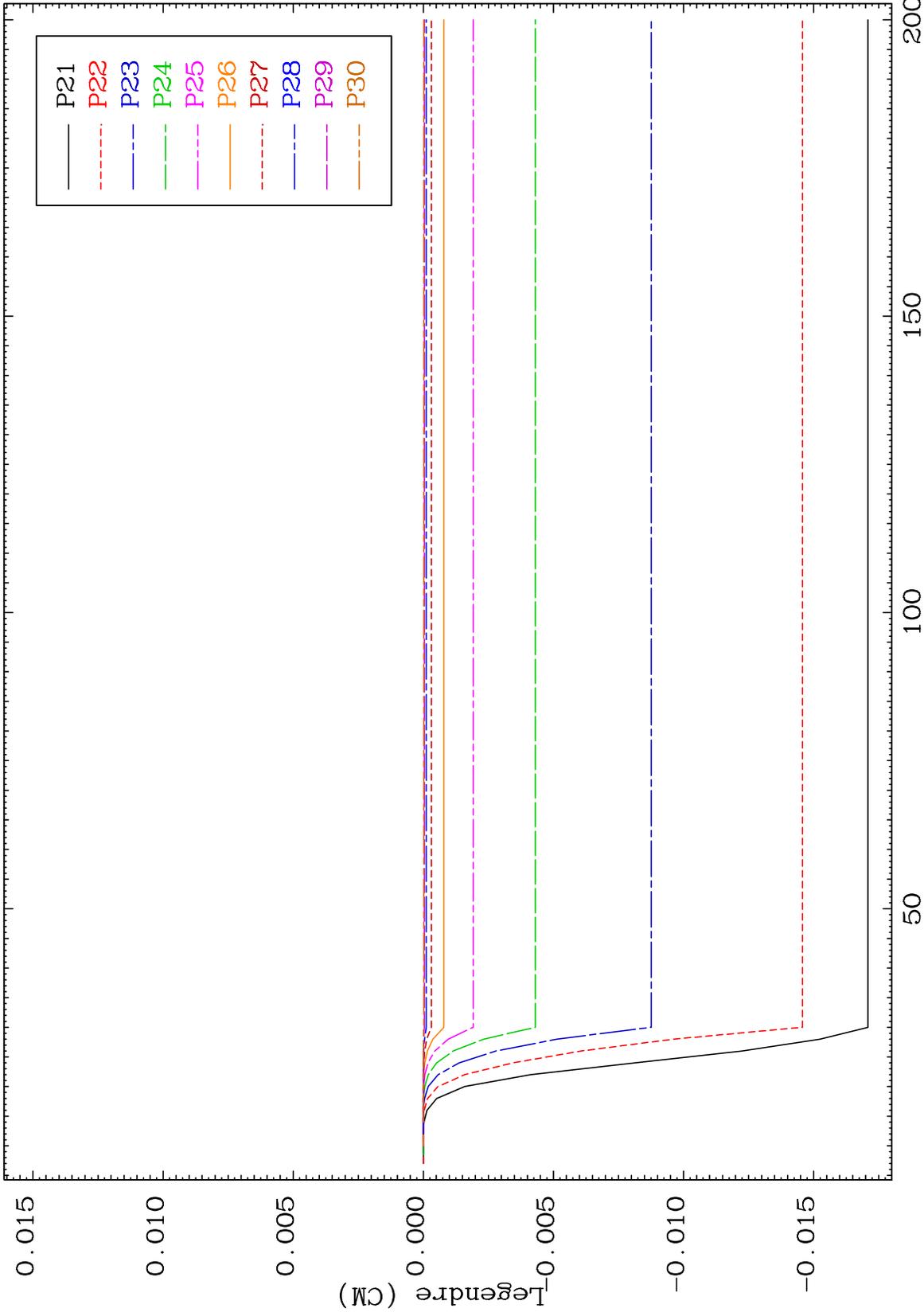
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



58

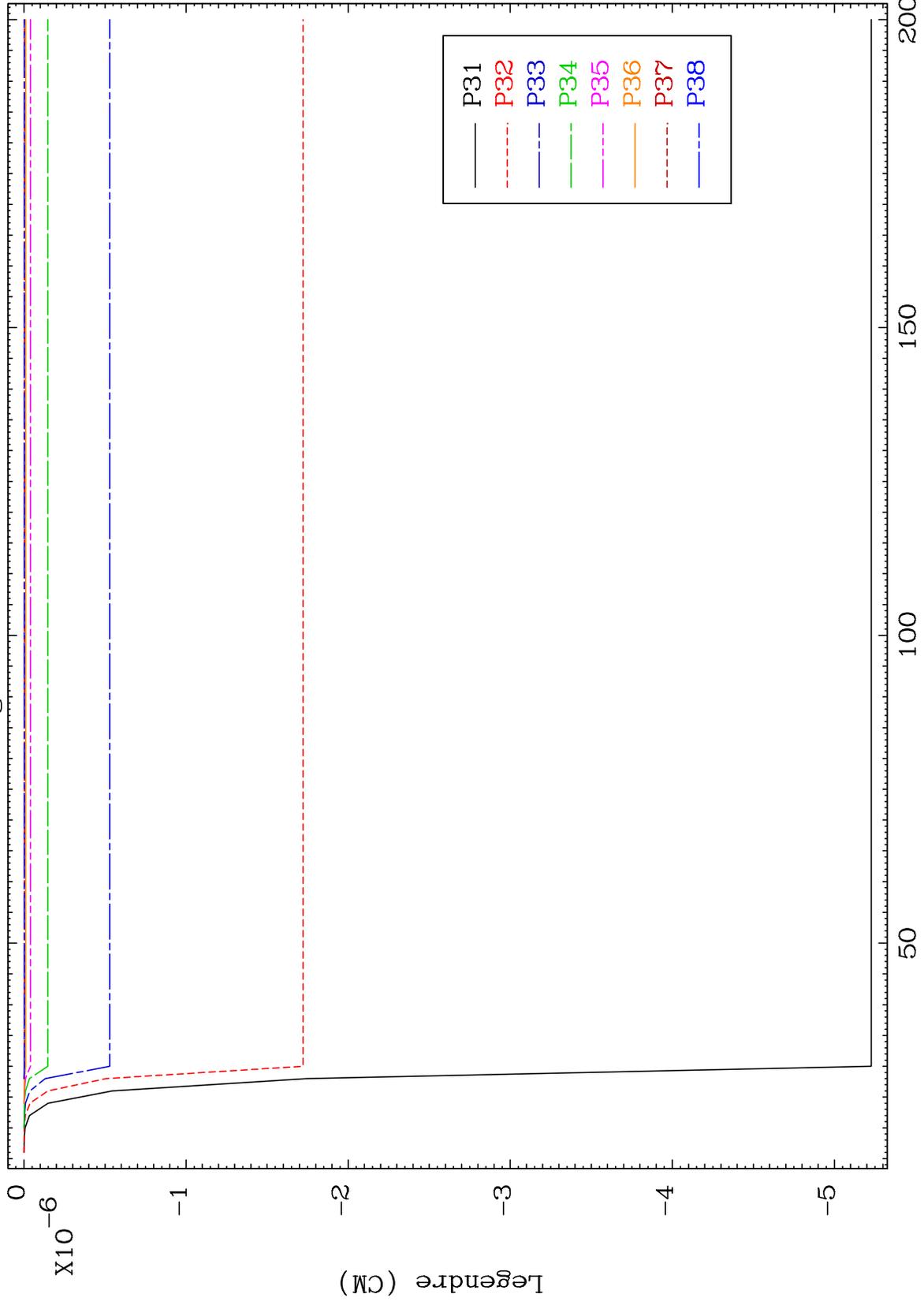
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



59

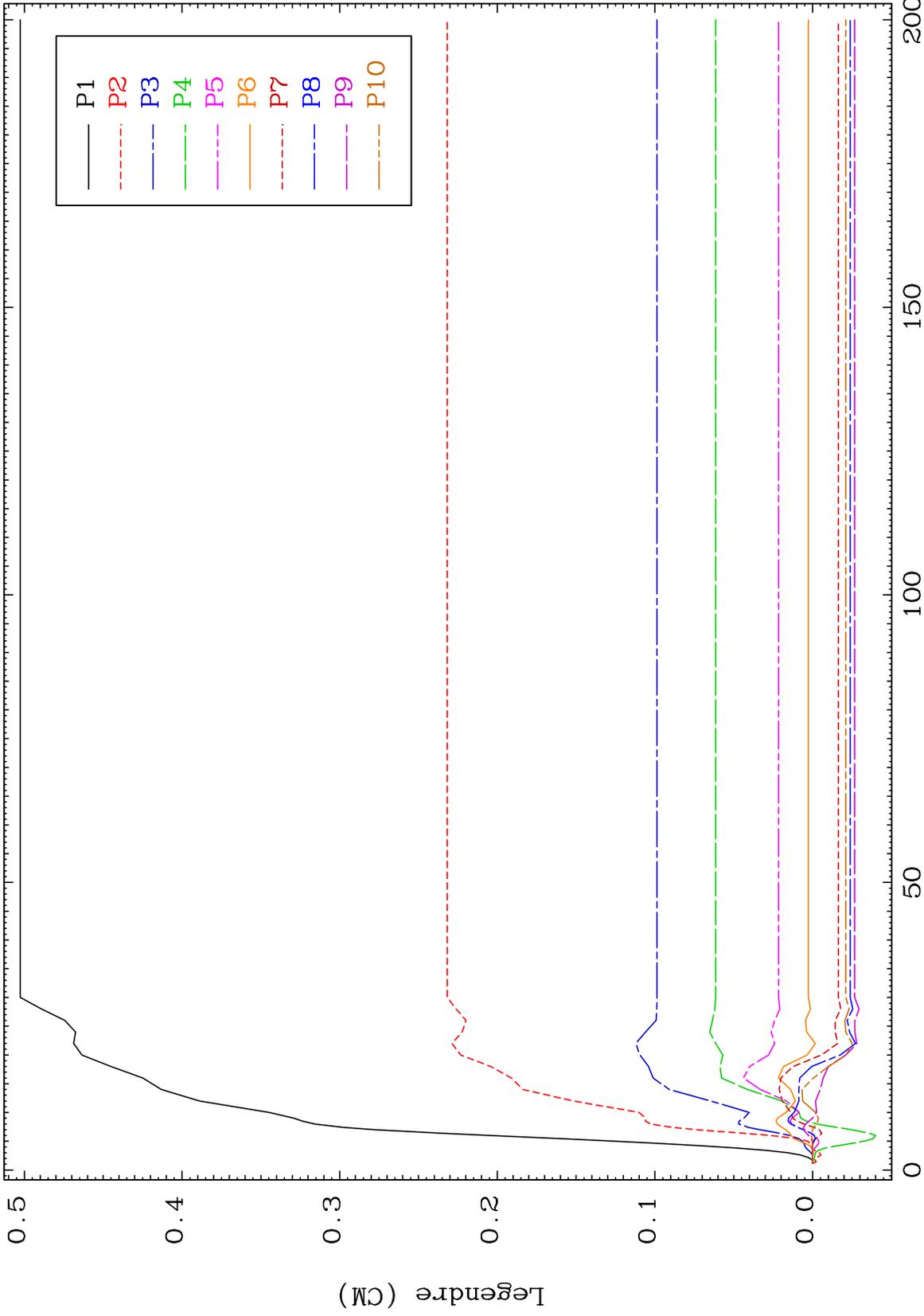
83-Bi-211

83-Bi-211

MAT 8331

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

83-Bi-211



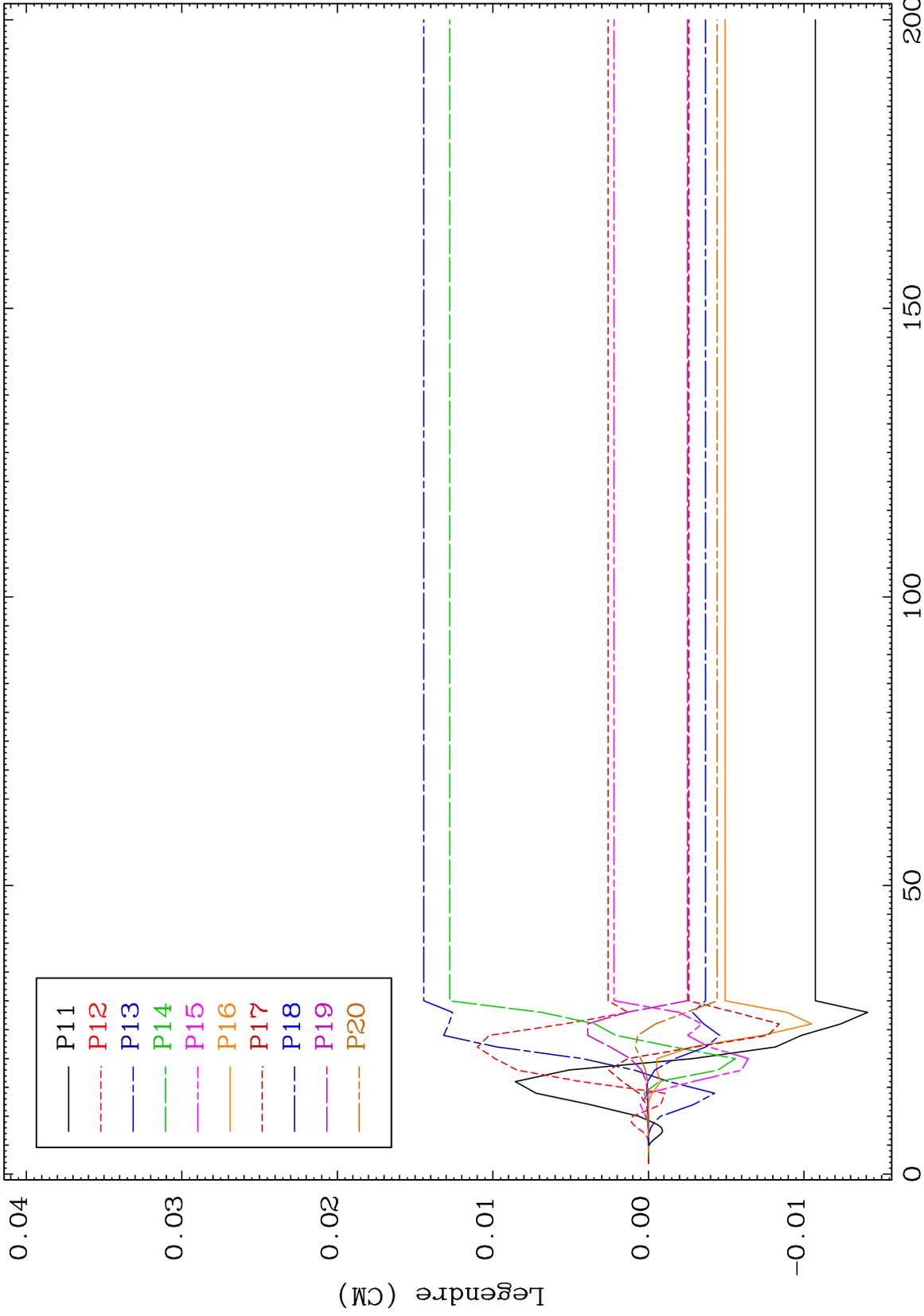
83-Bi-211

Incident Energy (MeV)

MAT 8331

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

83-Bi-211



61

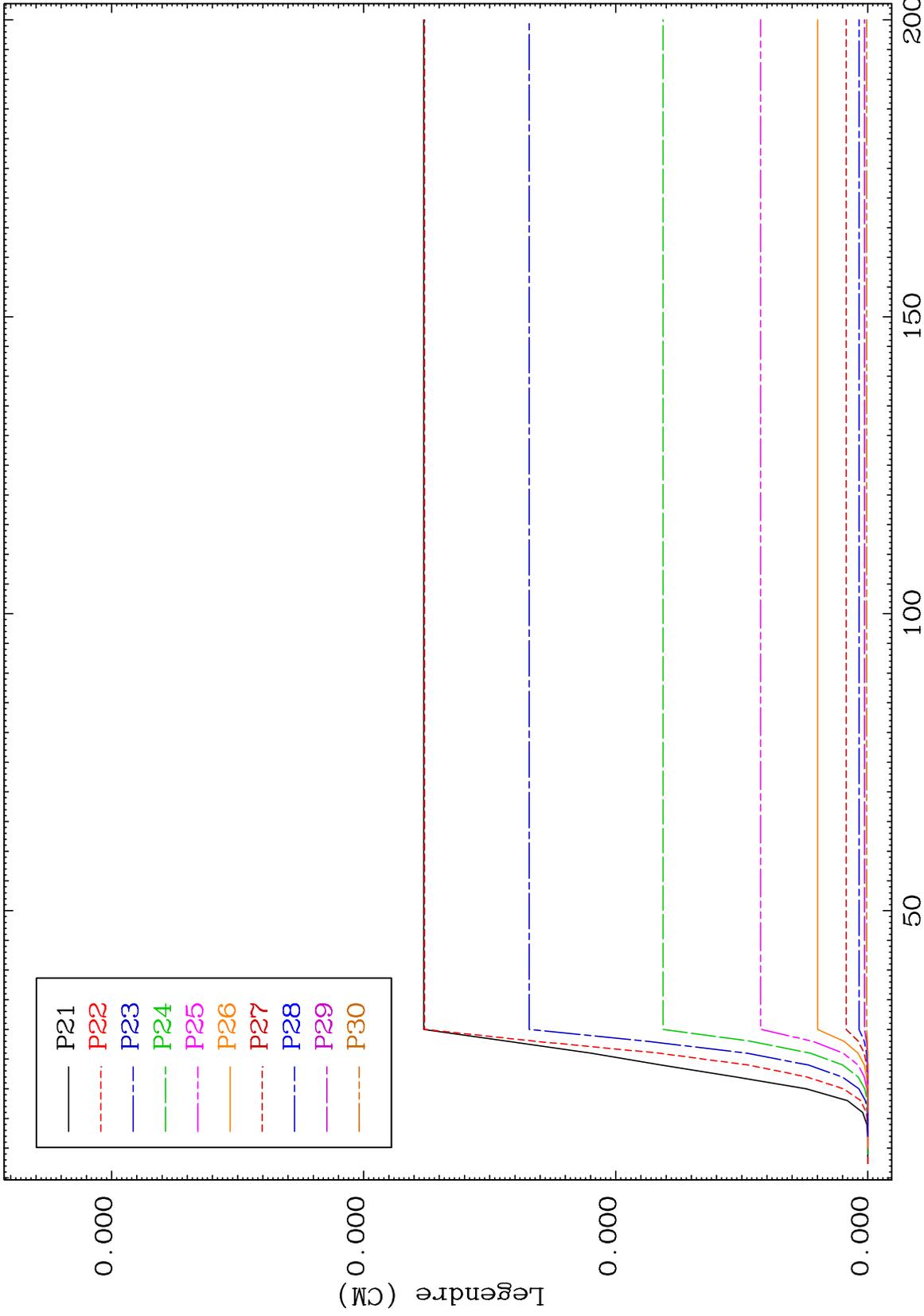
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



62

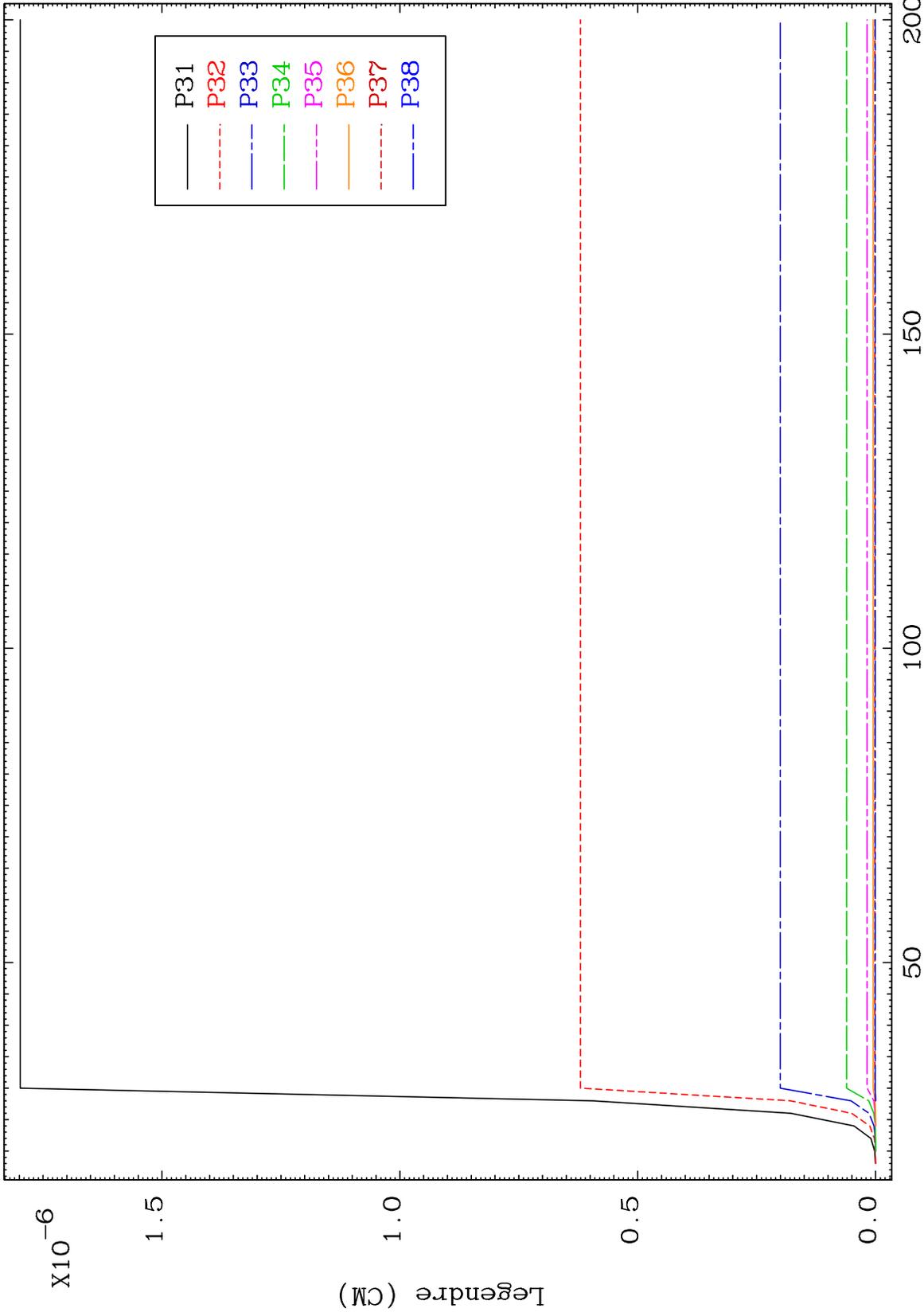
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



63

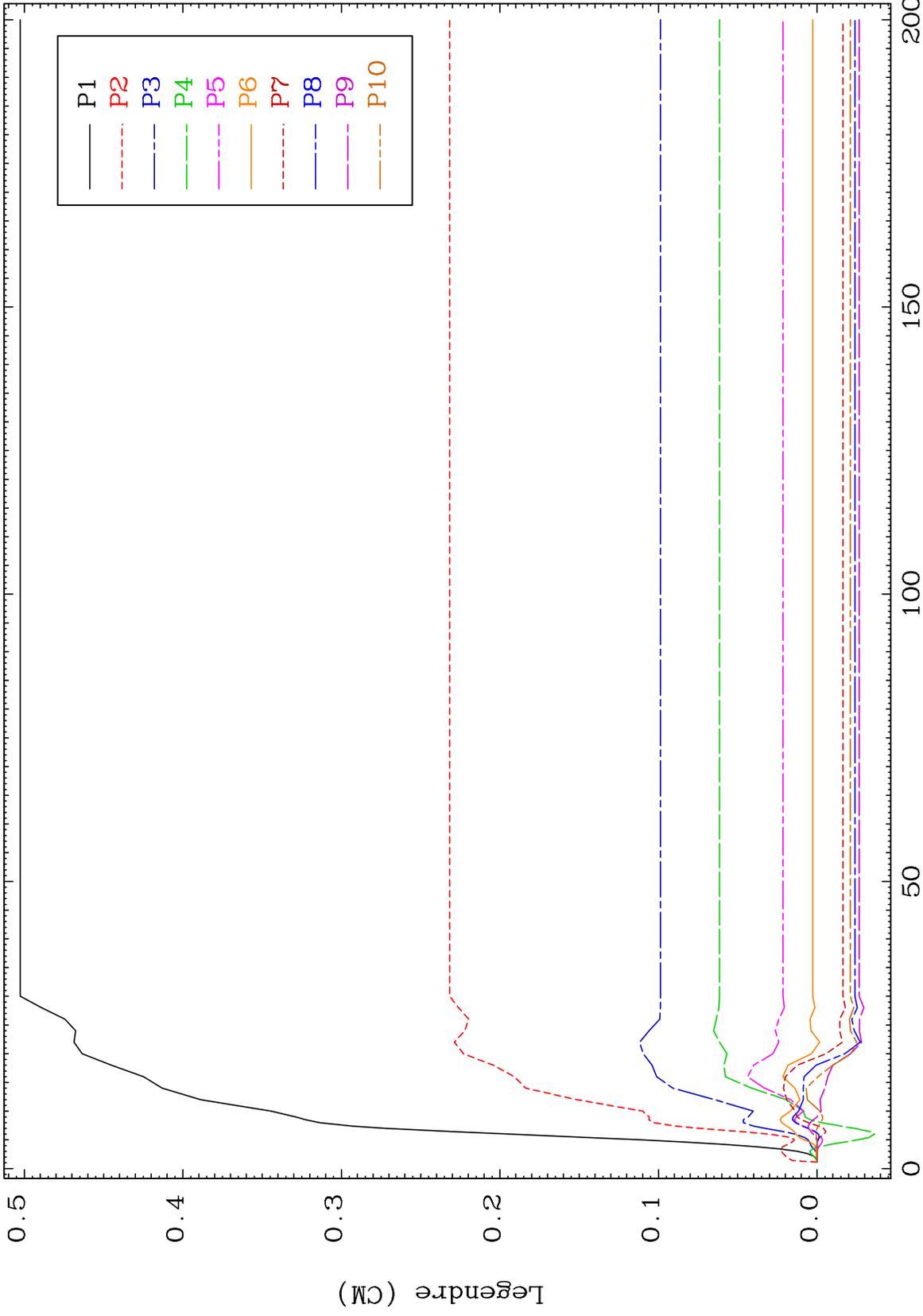
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



64

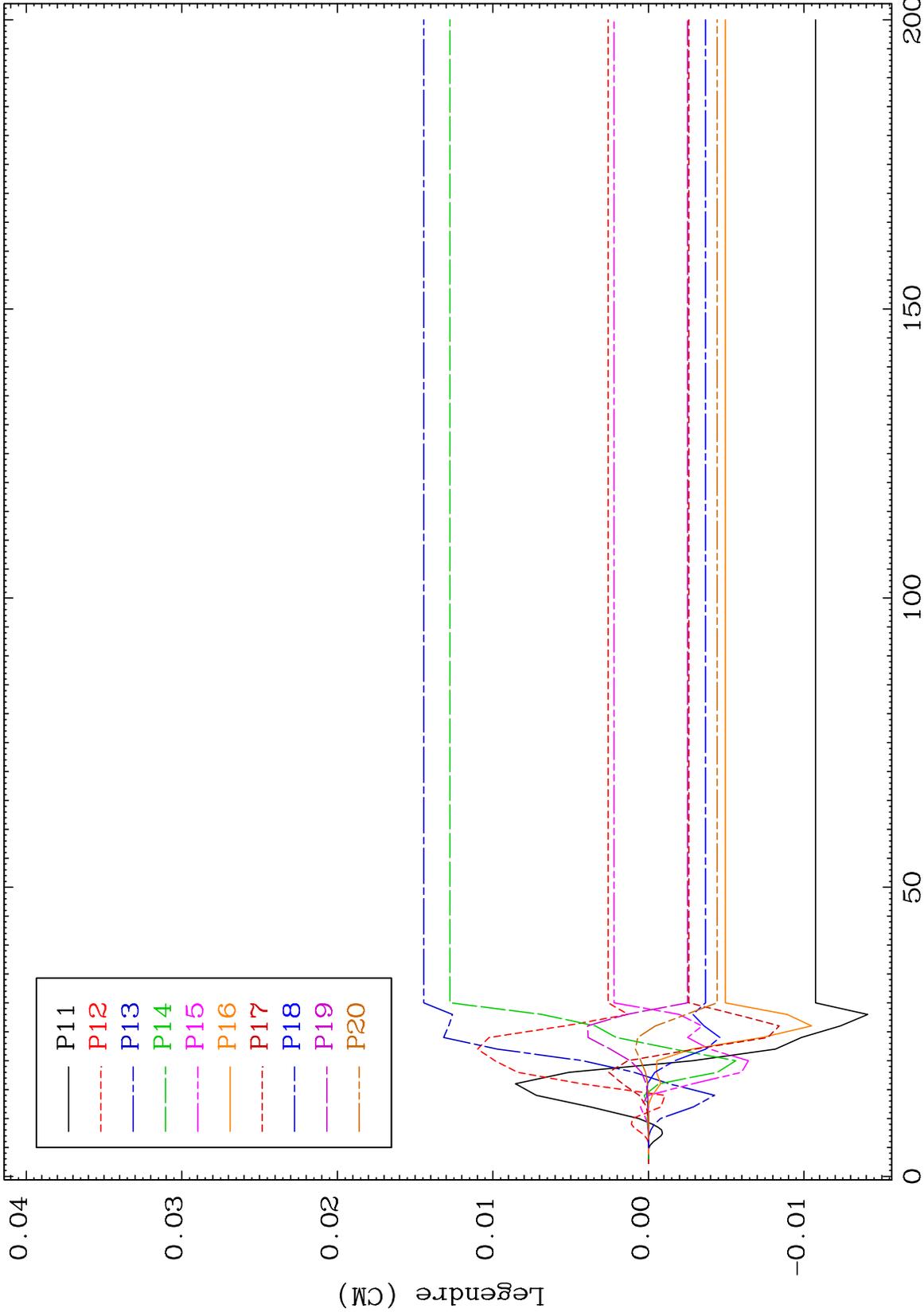
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



65

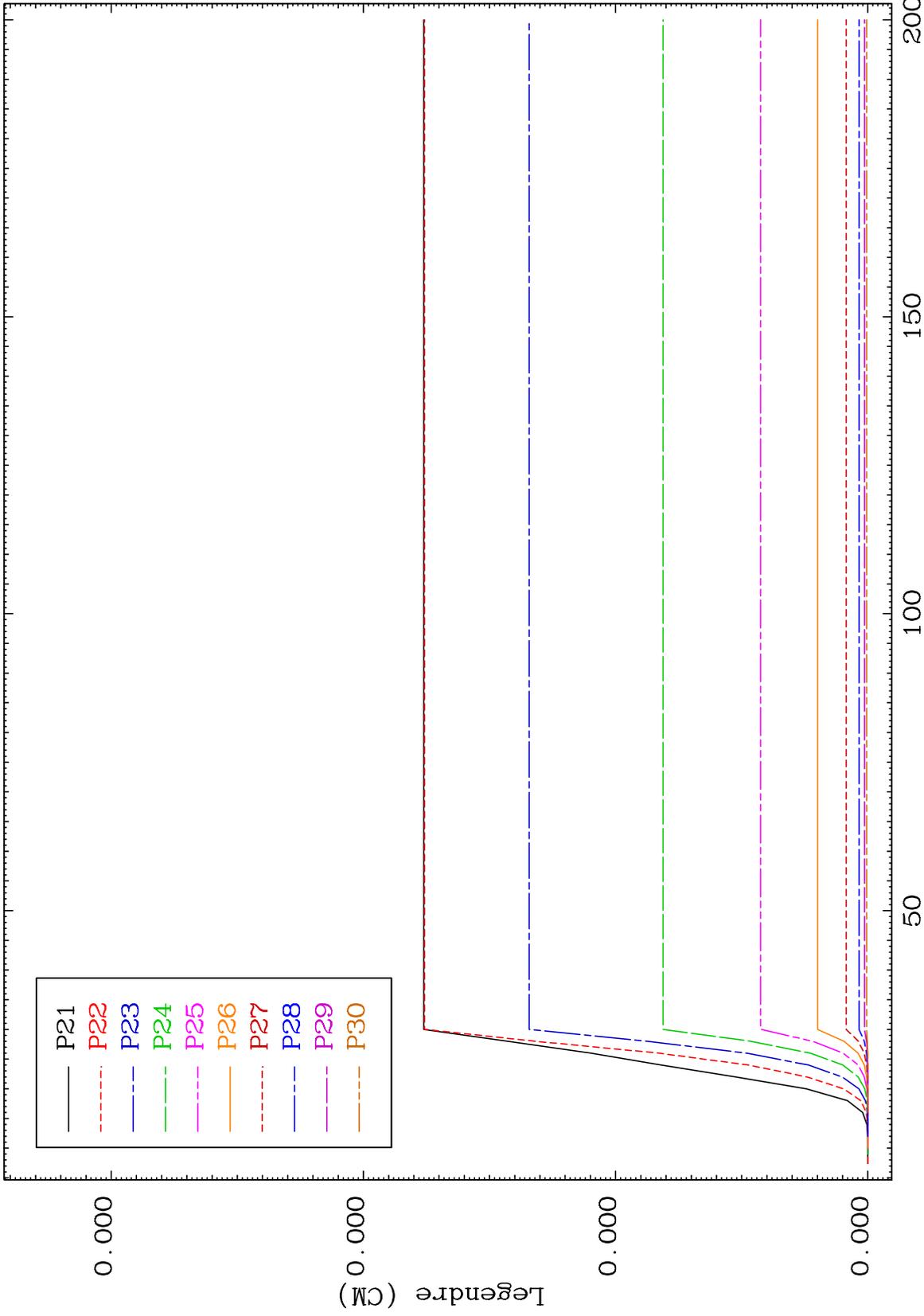
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



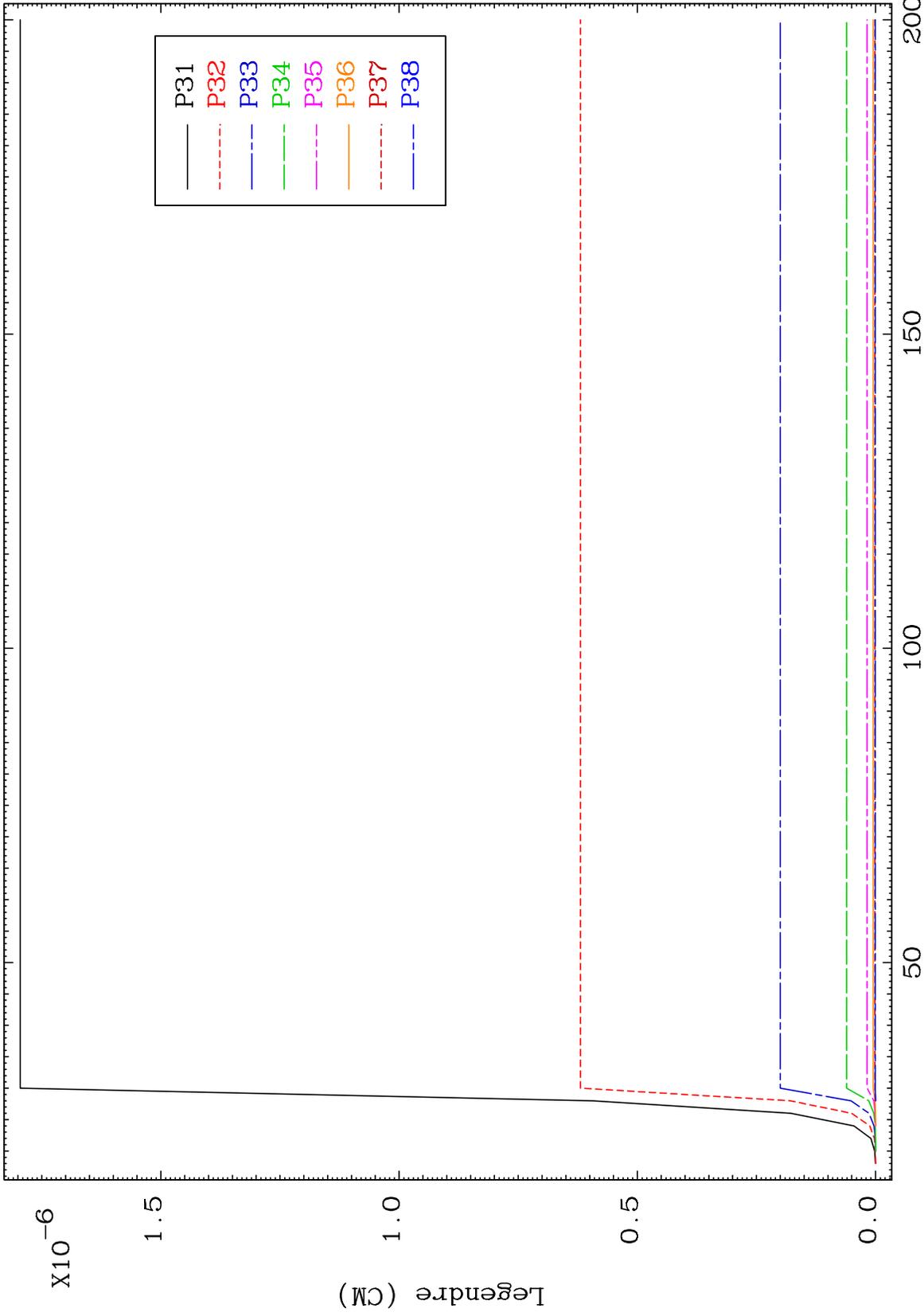
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83-Bi-211

MAT 8331

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

83-Bi-211



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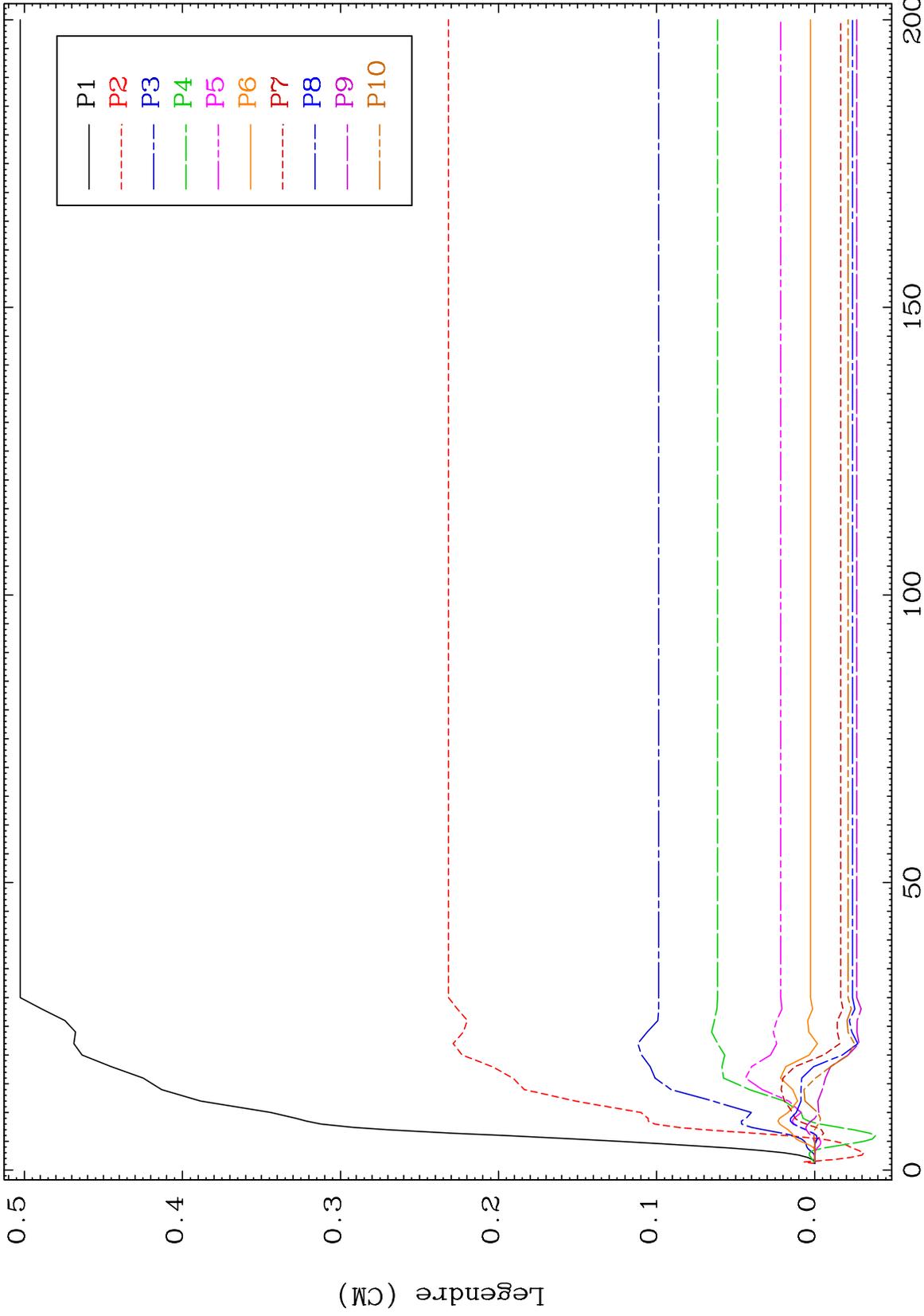
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MAT 8331

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

83-Bi-211



68

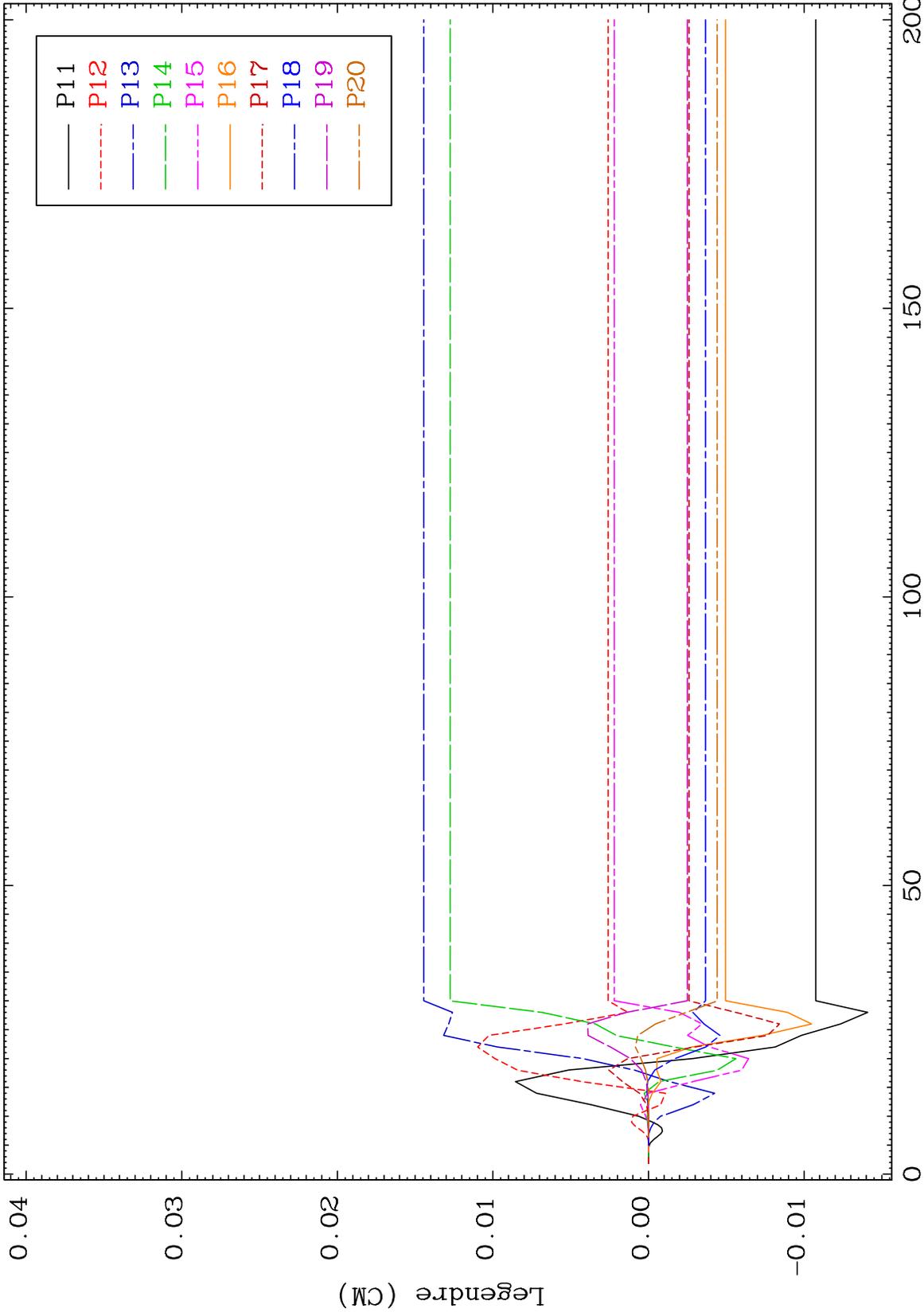
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



69

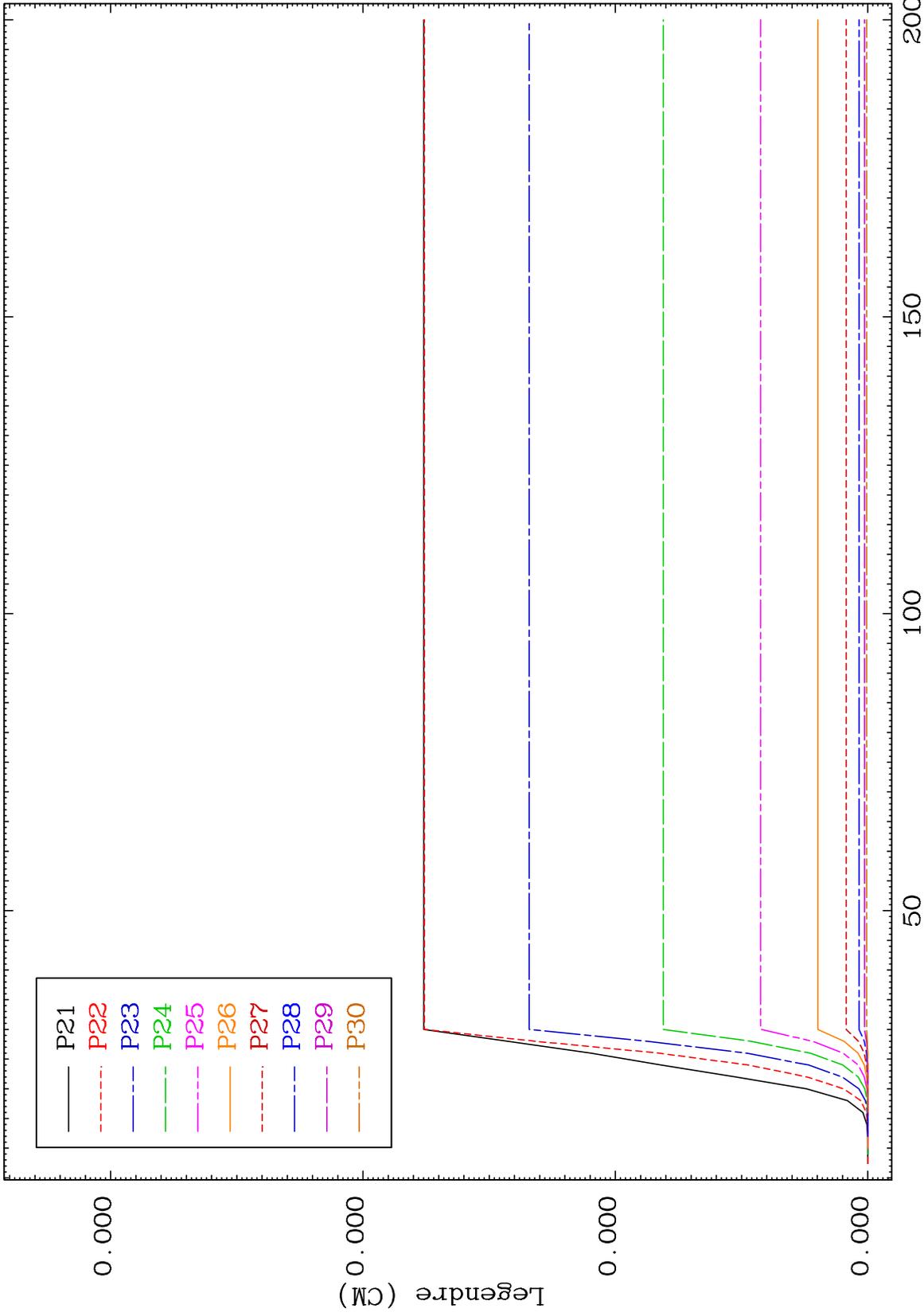
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



70

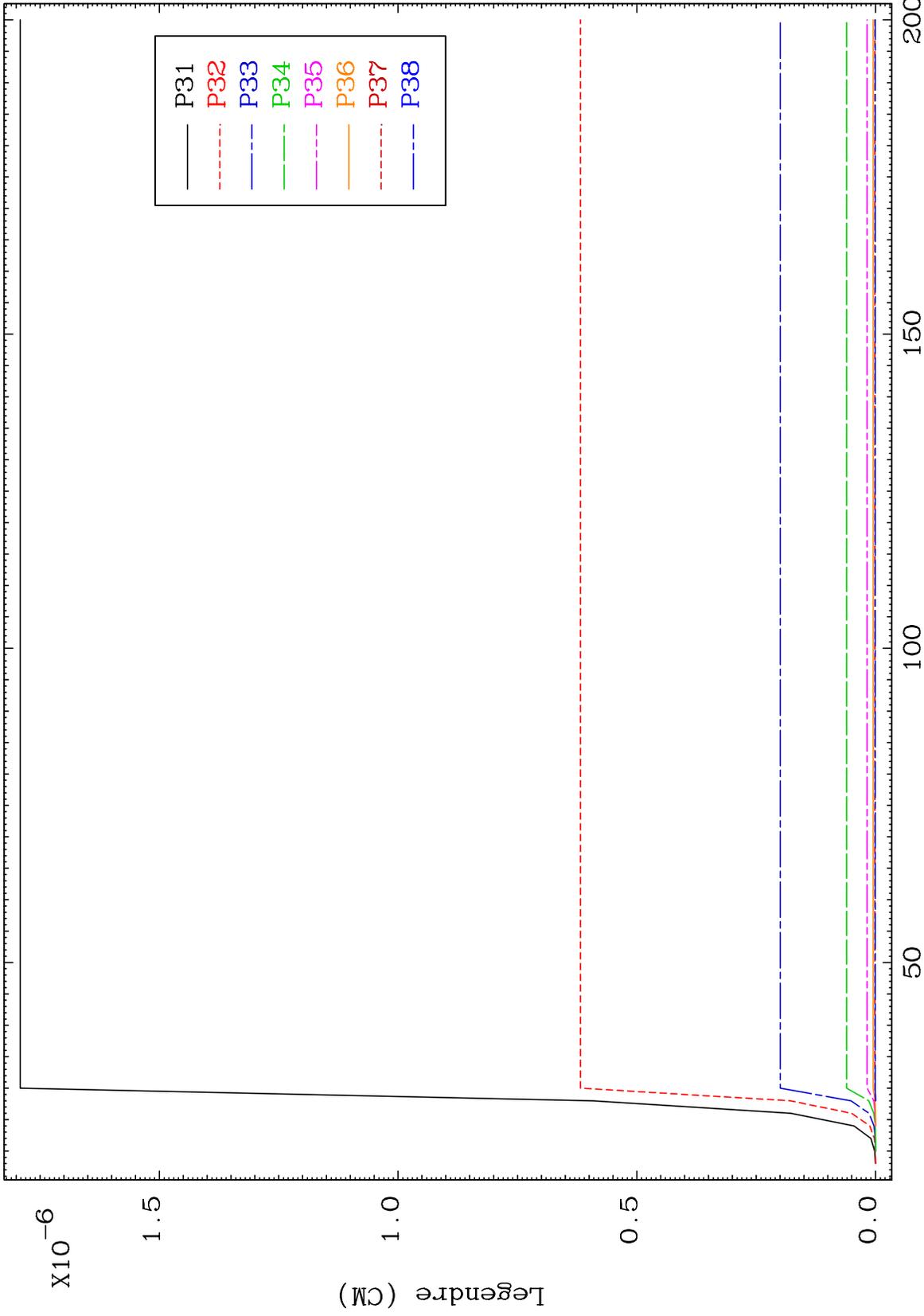
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MAT 8331

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

83-Bi-211



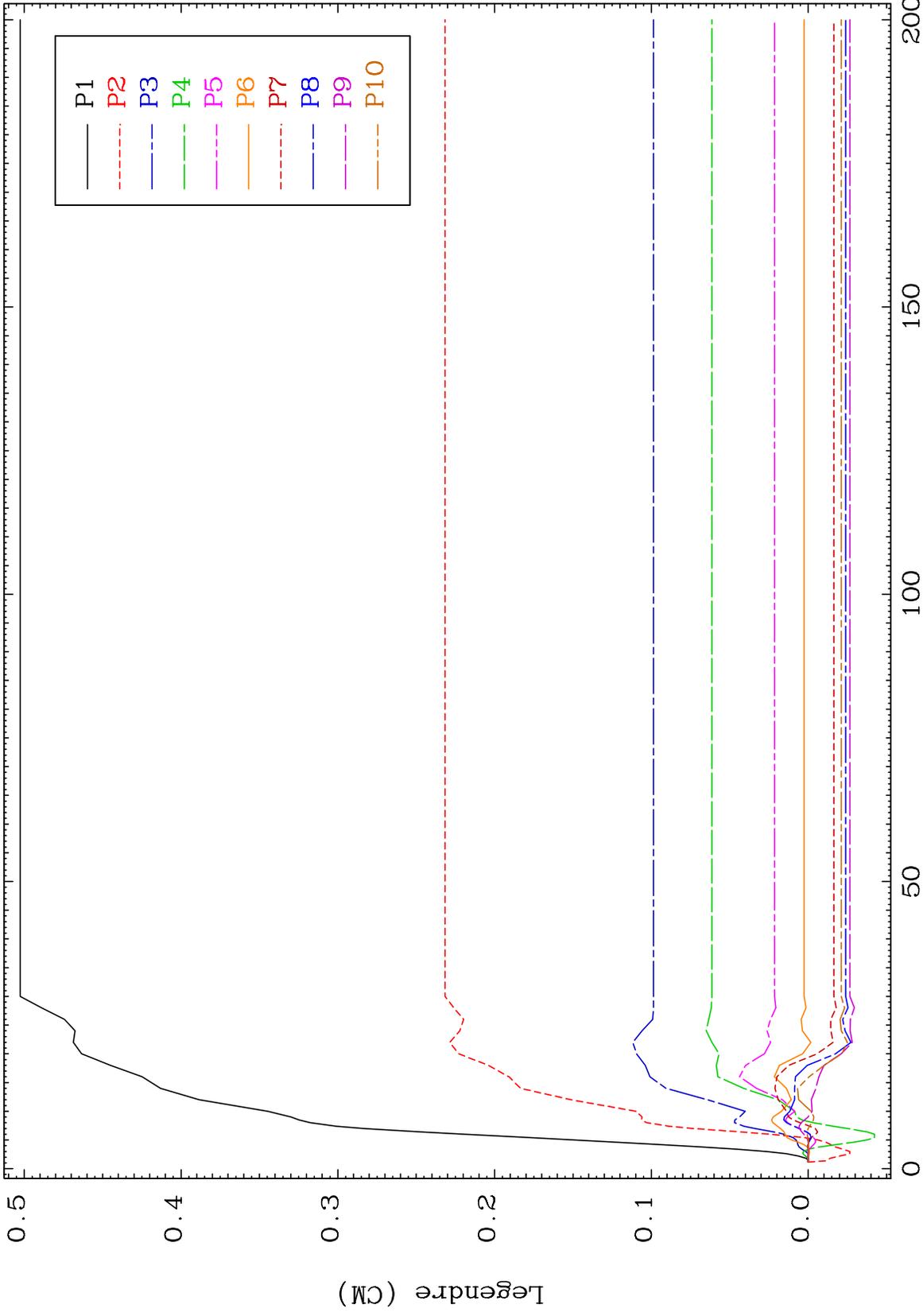
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83-Bi-211

MAT 8331

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

83-Bi-211



72

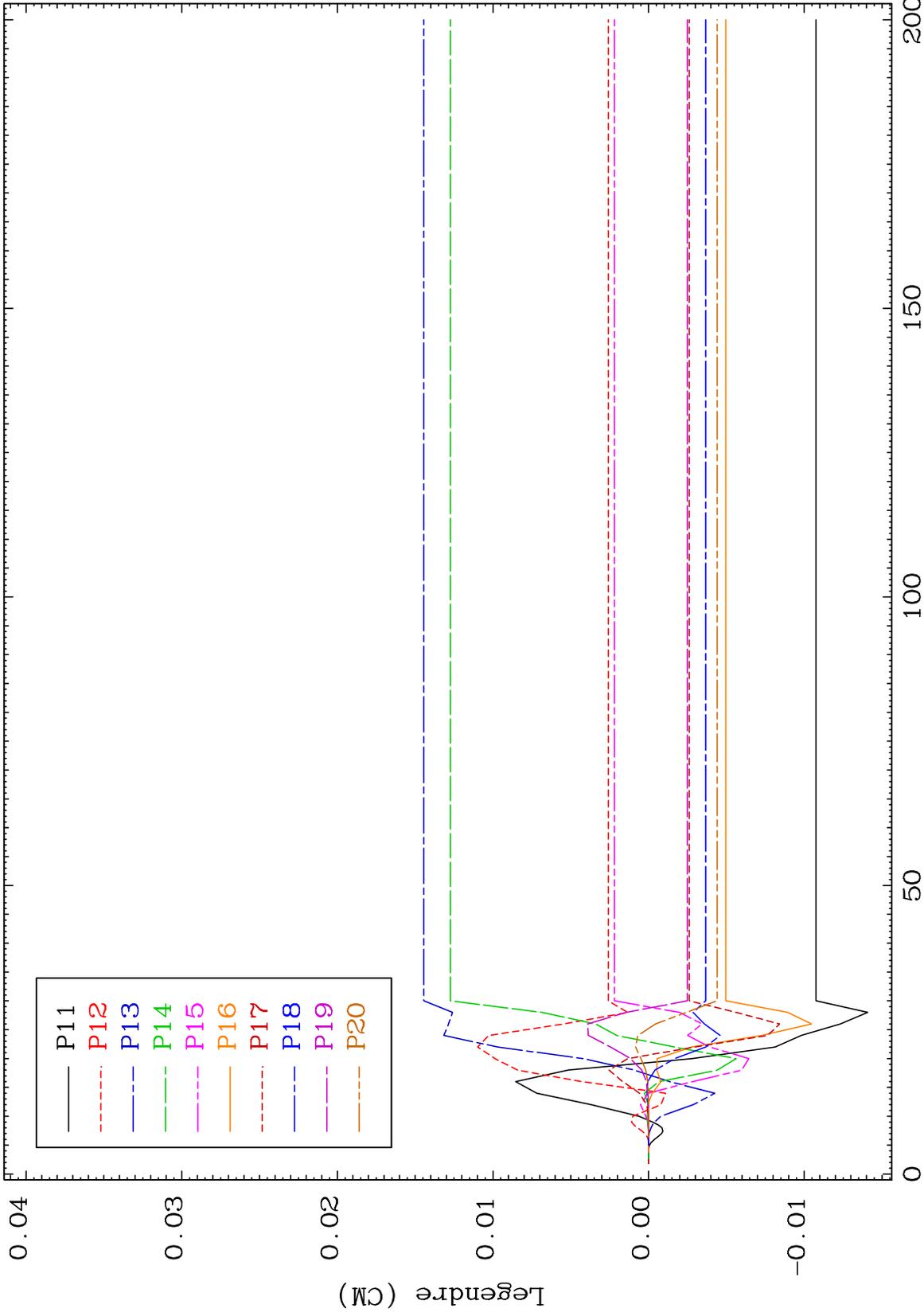
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83-Bi-211

MAT 8331

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

83-Bi-211



73

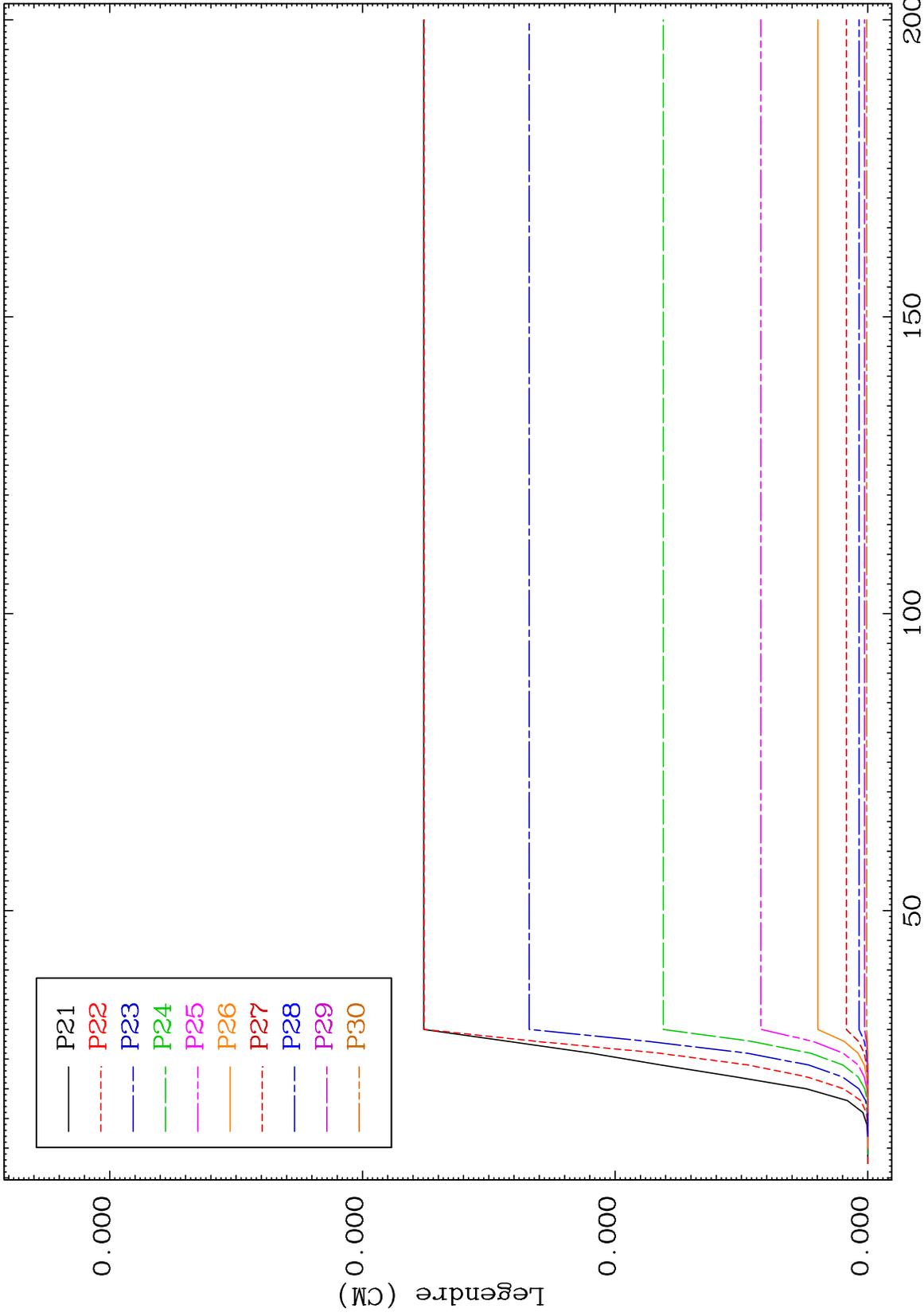
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



74

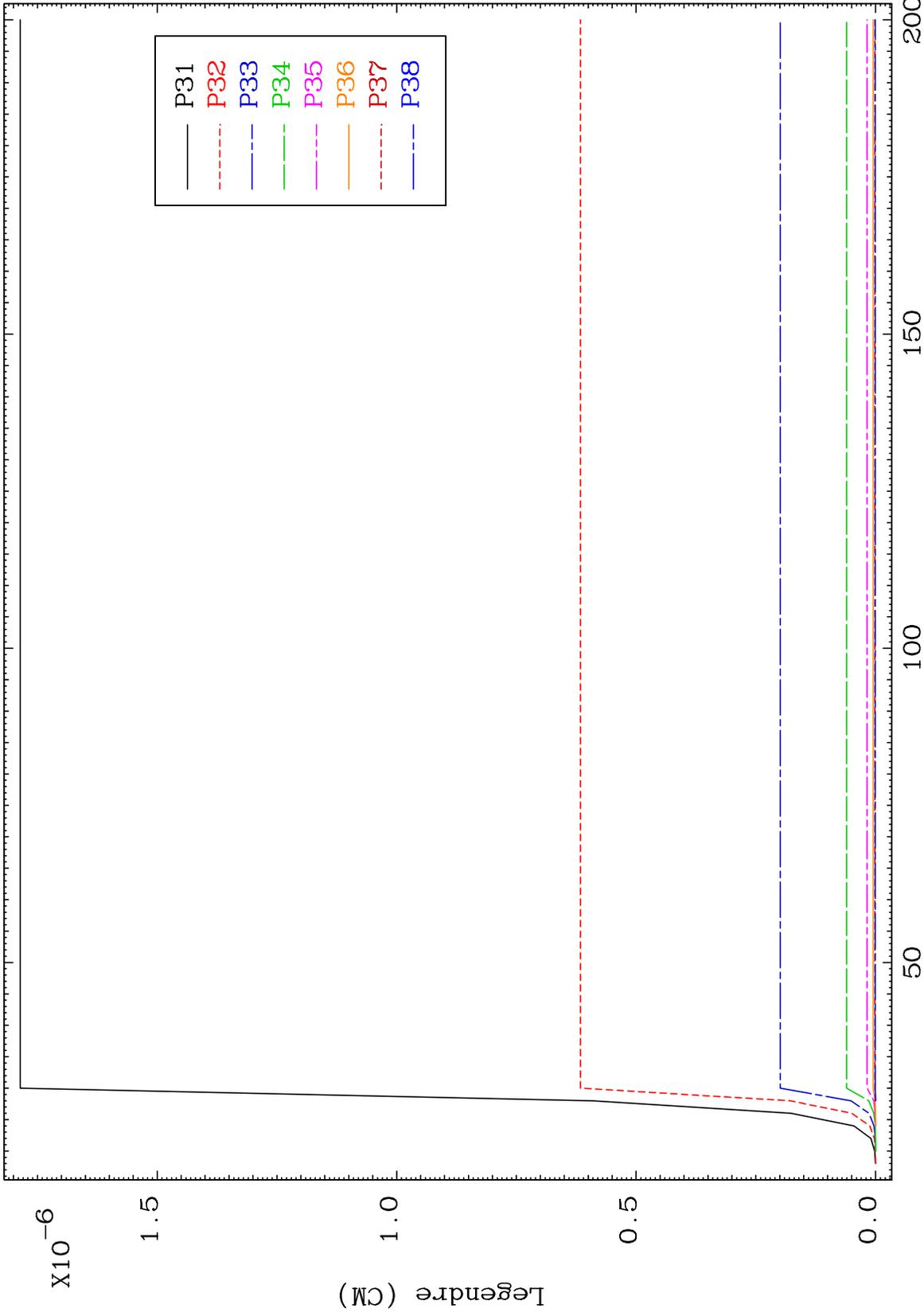
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200

MAT 8331

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

83-Bi-211



75

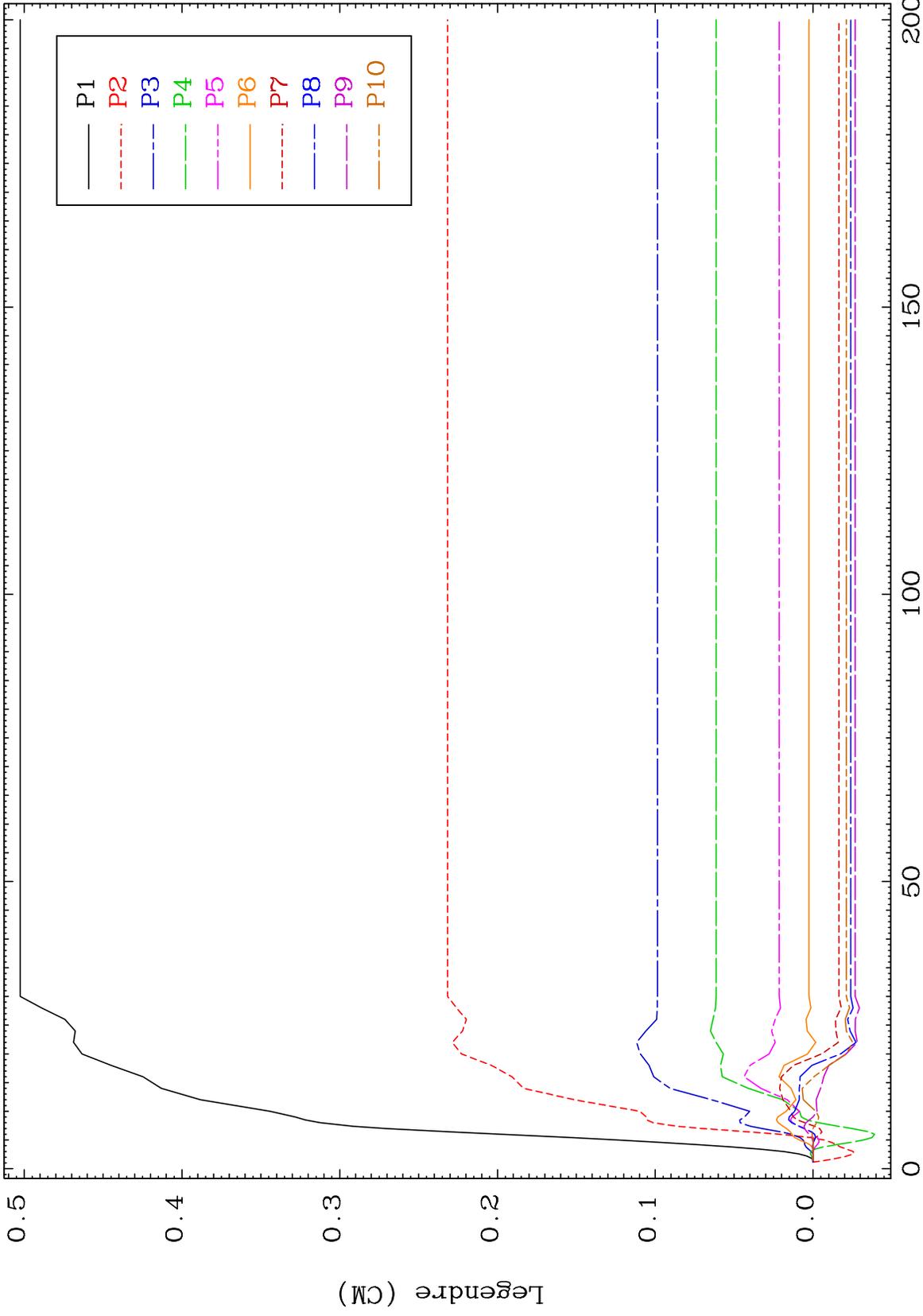
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



76

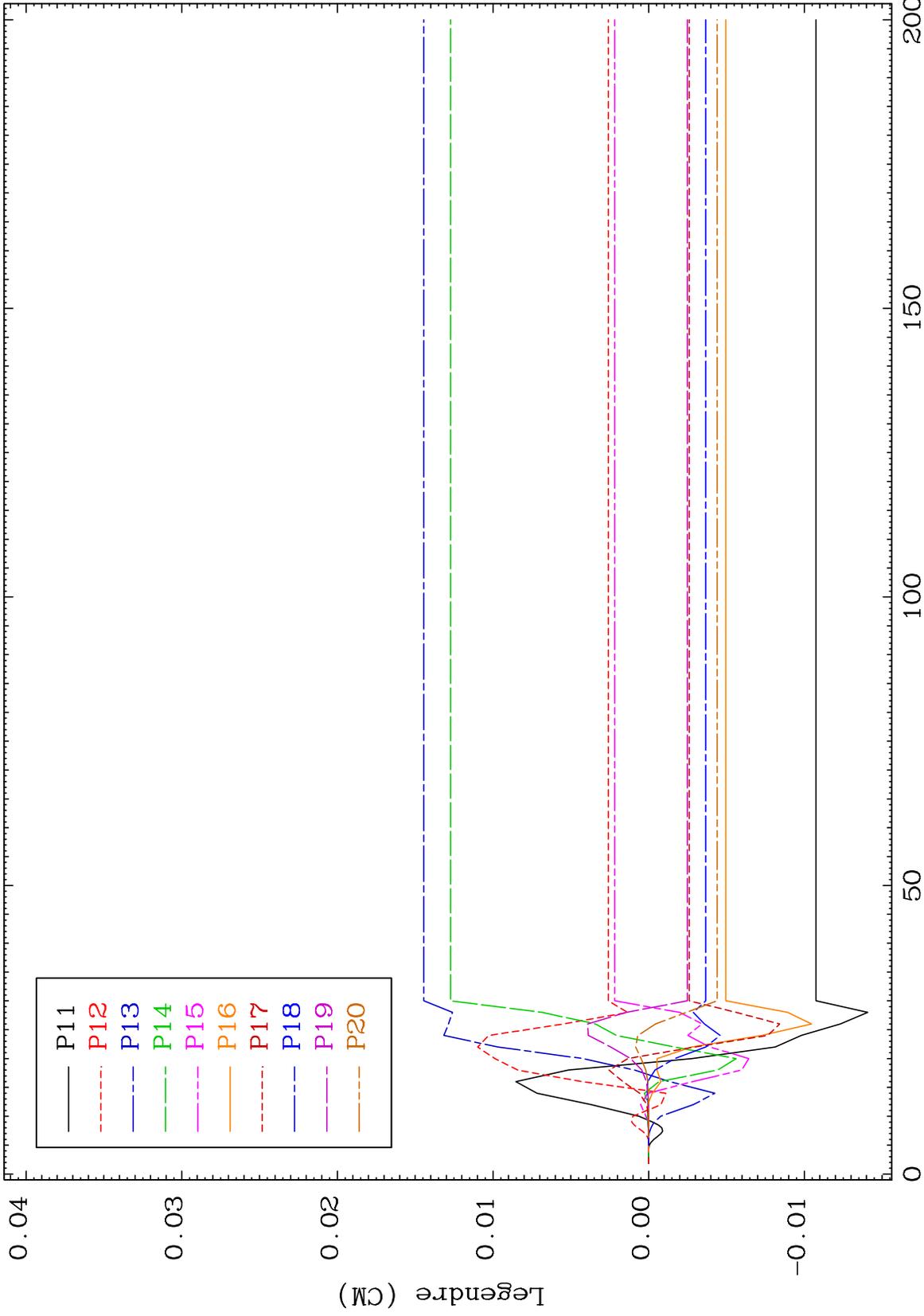
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



77

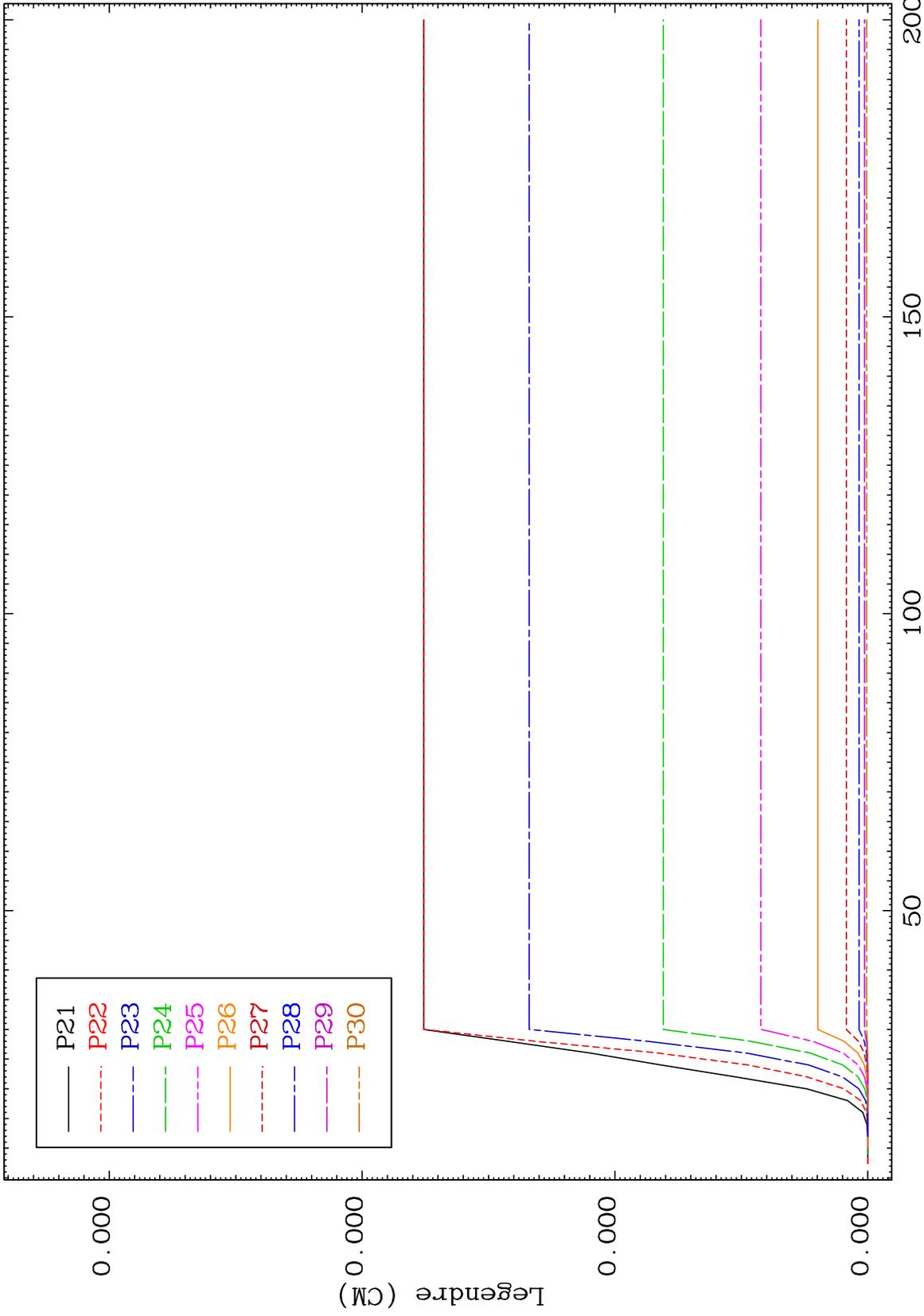
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



78

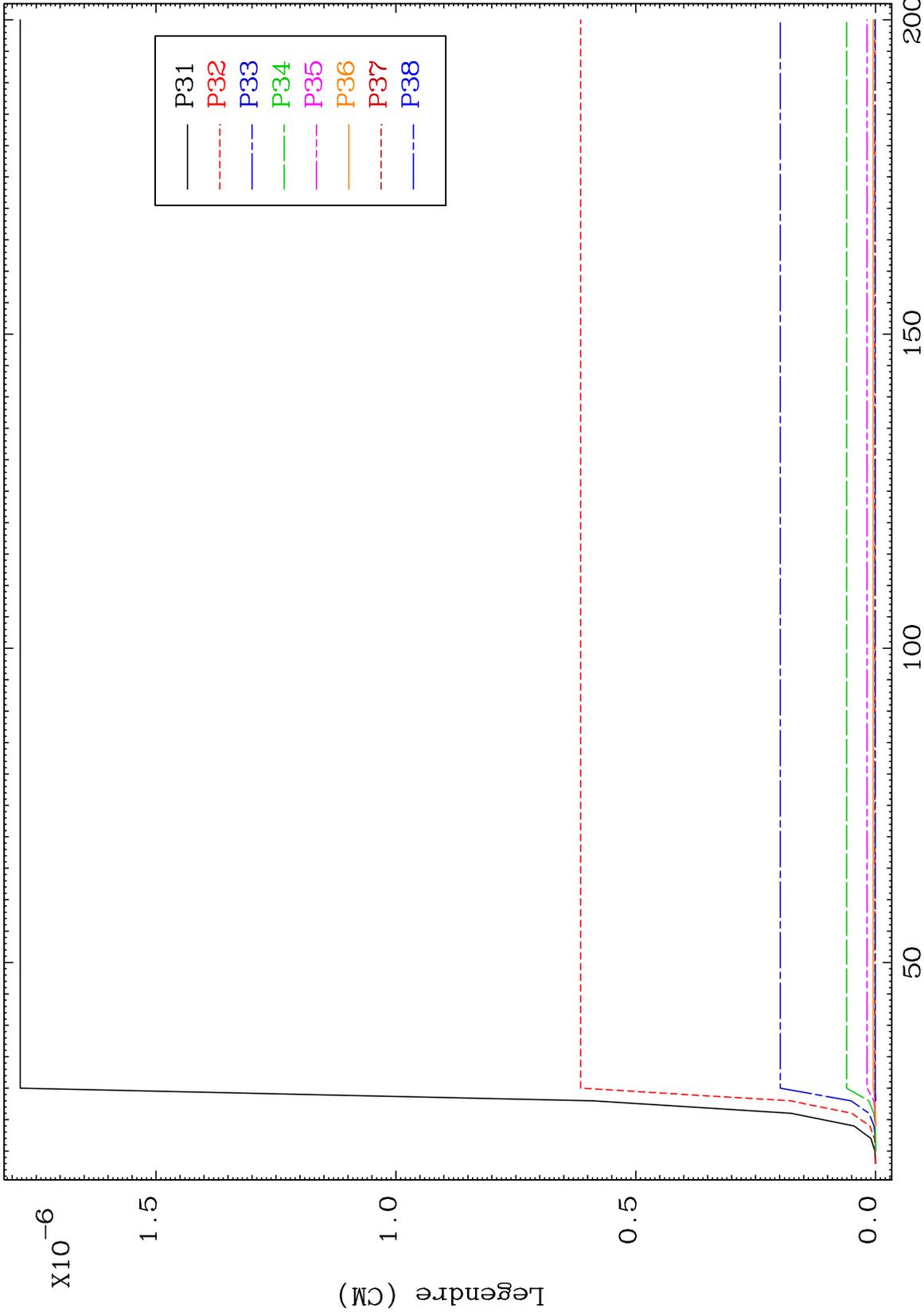
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



79

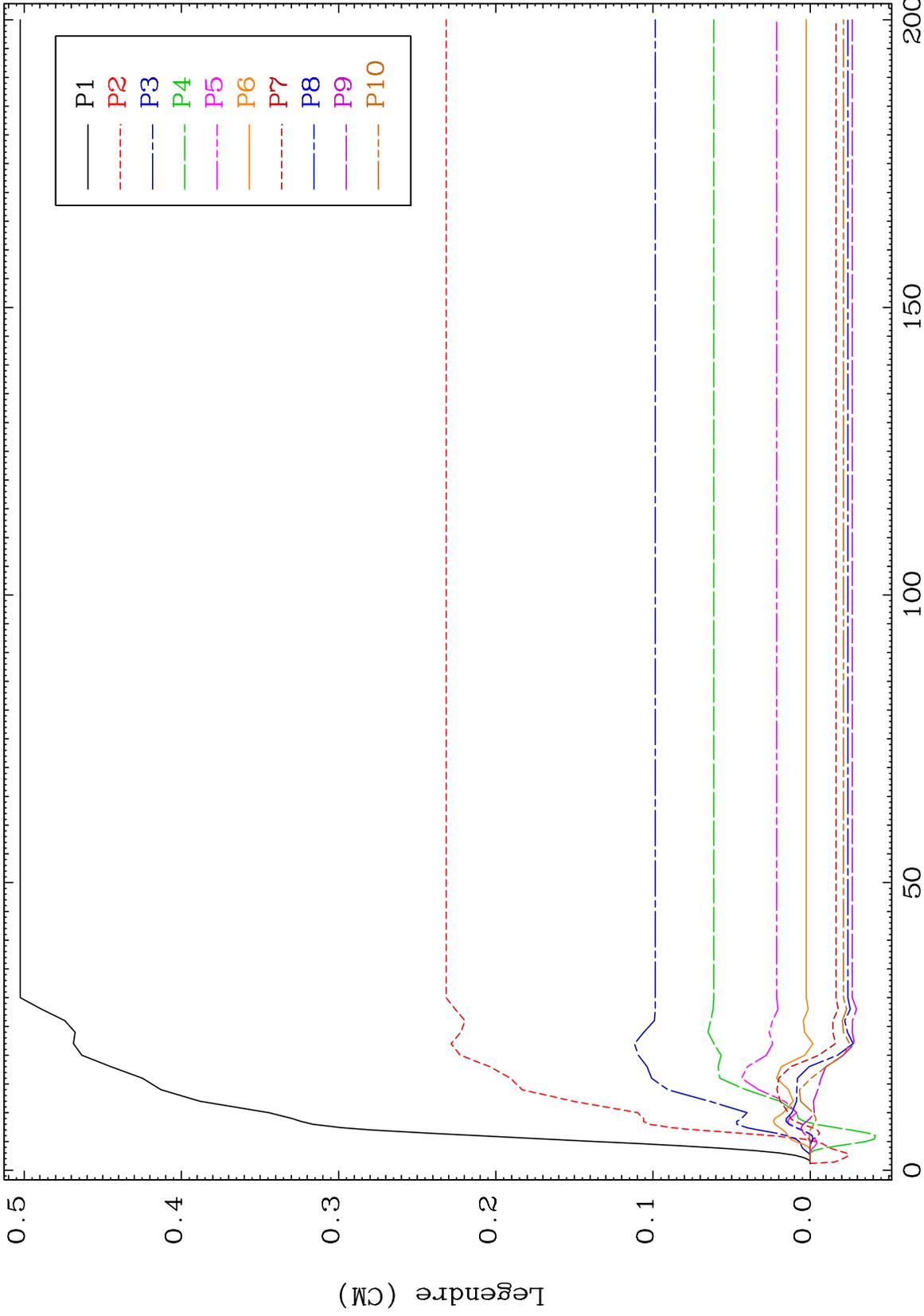
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



80

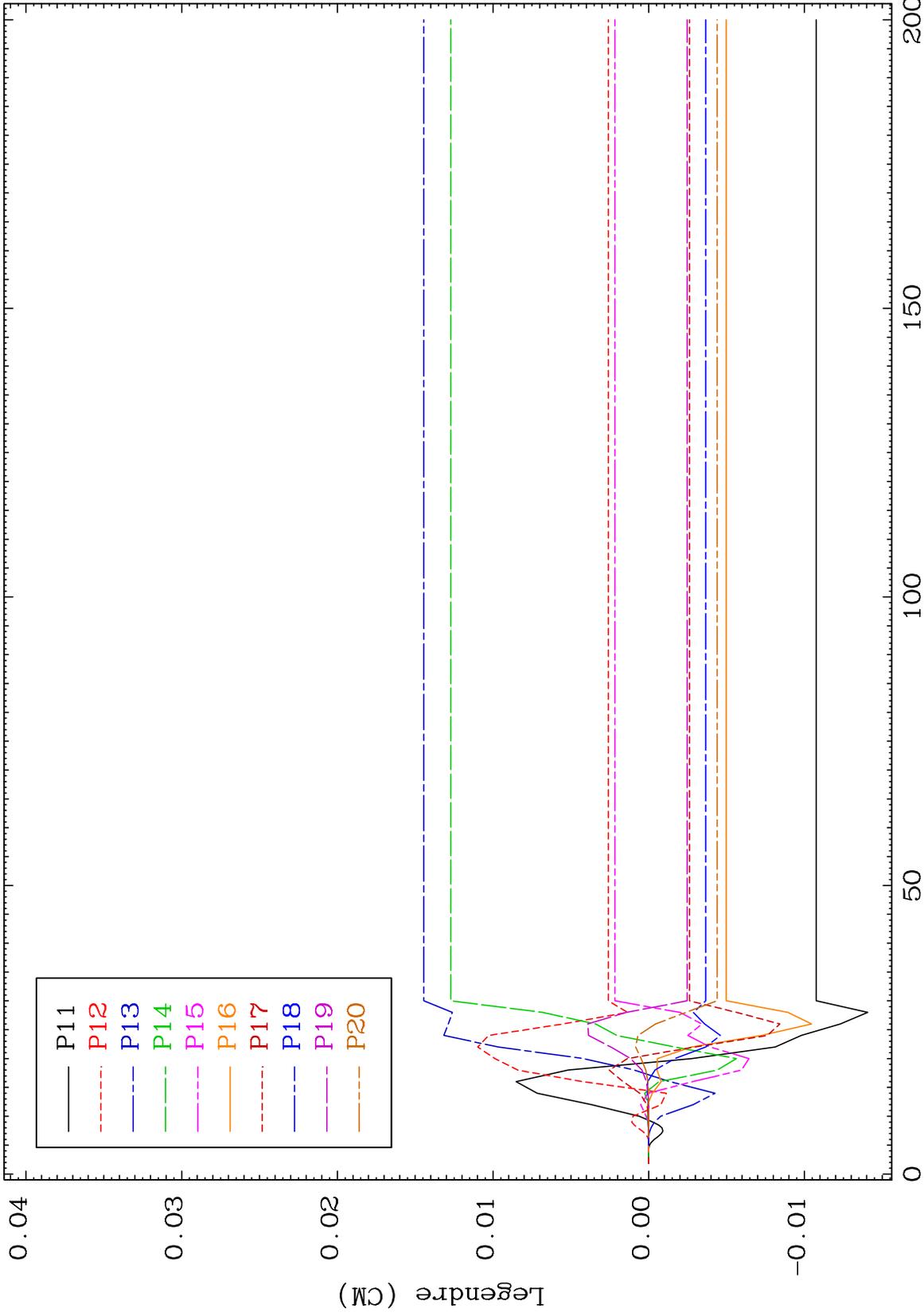
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



81

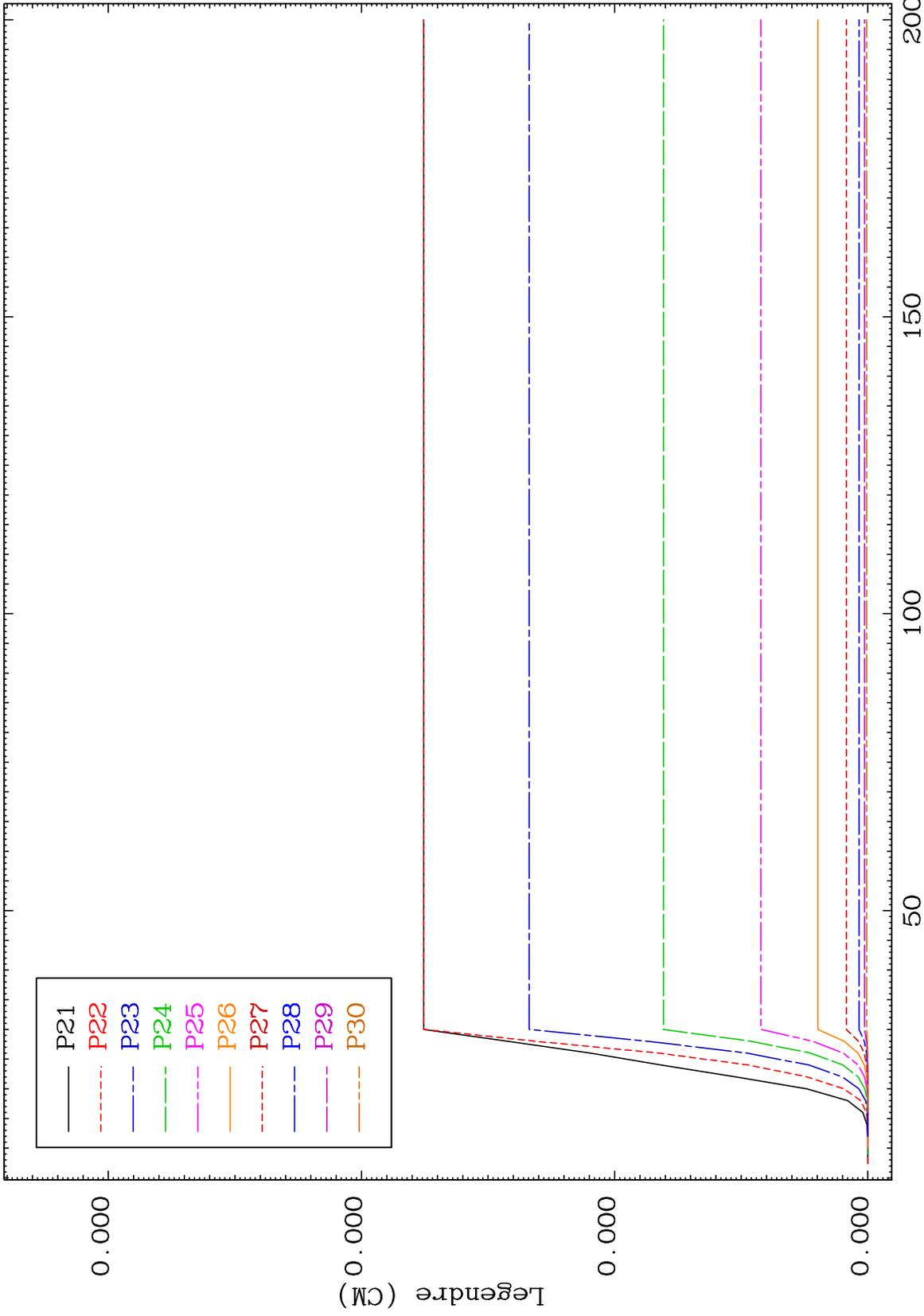
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

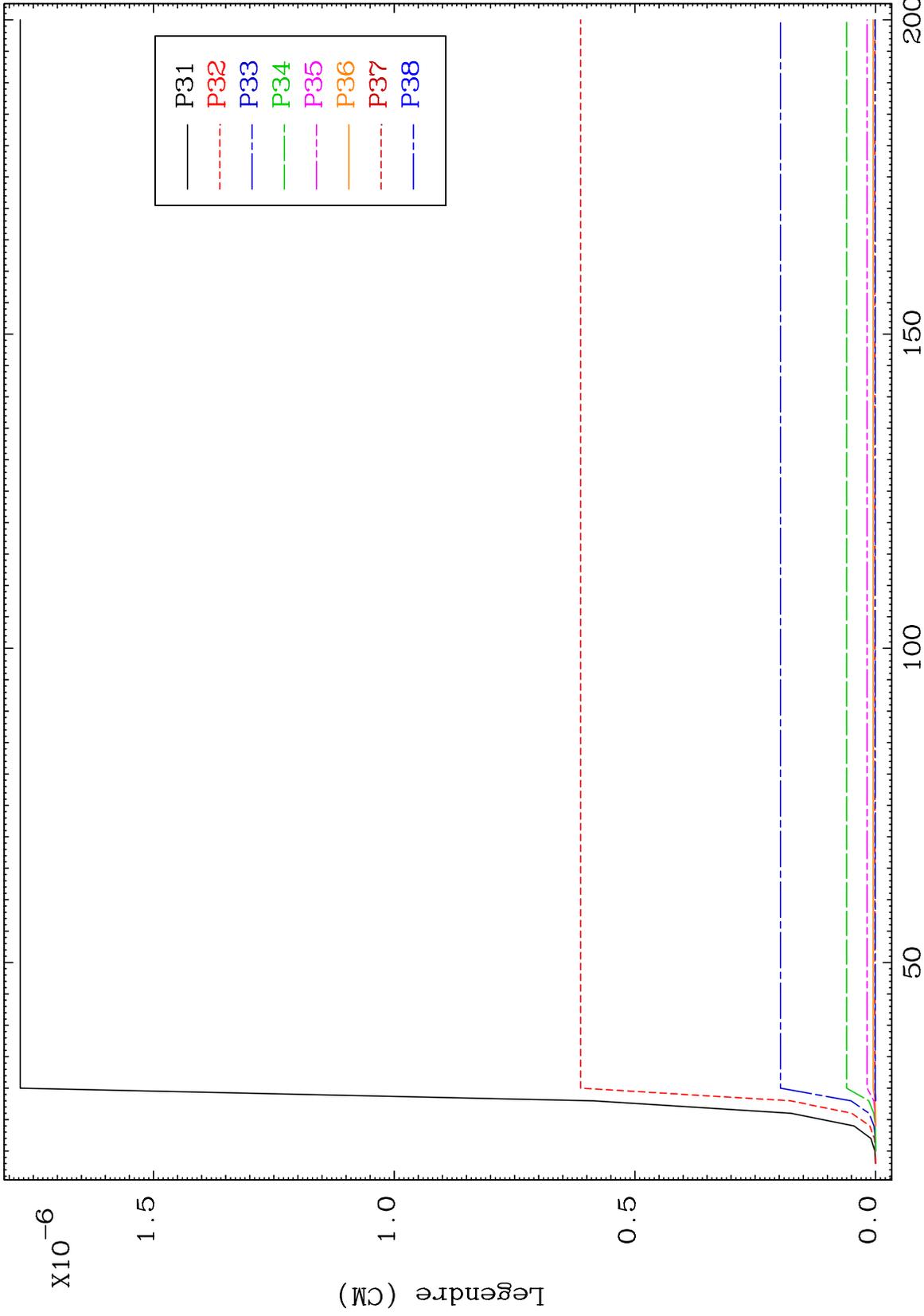
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MAT 8331

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

83-Bi-211



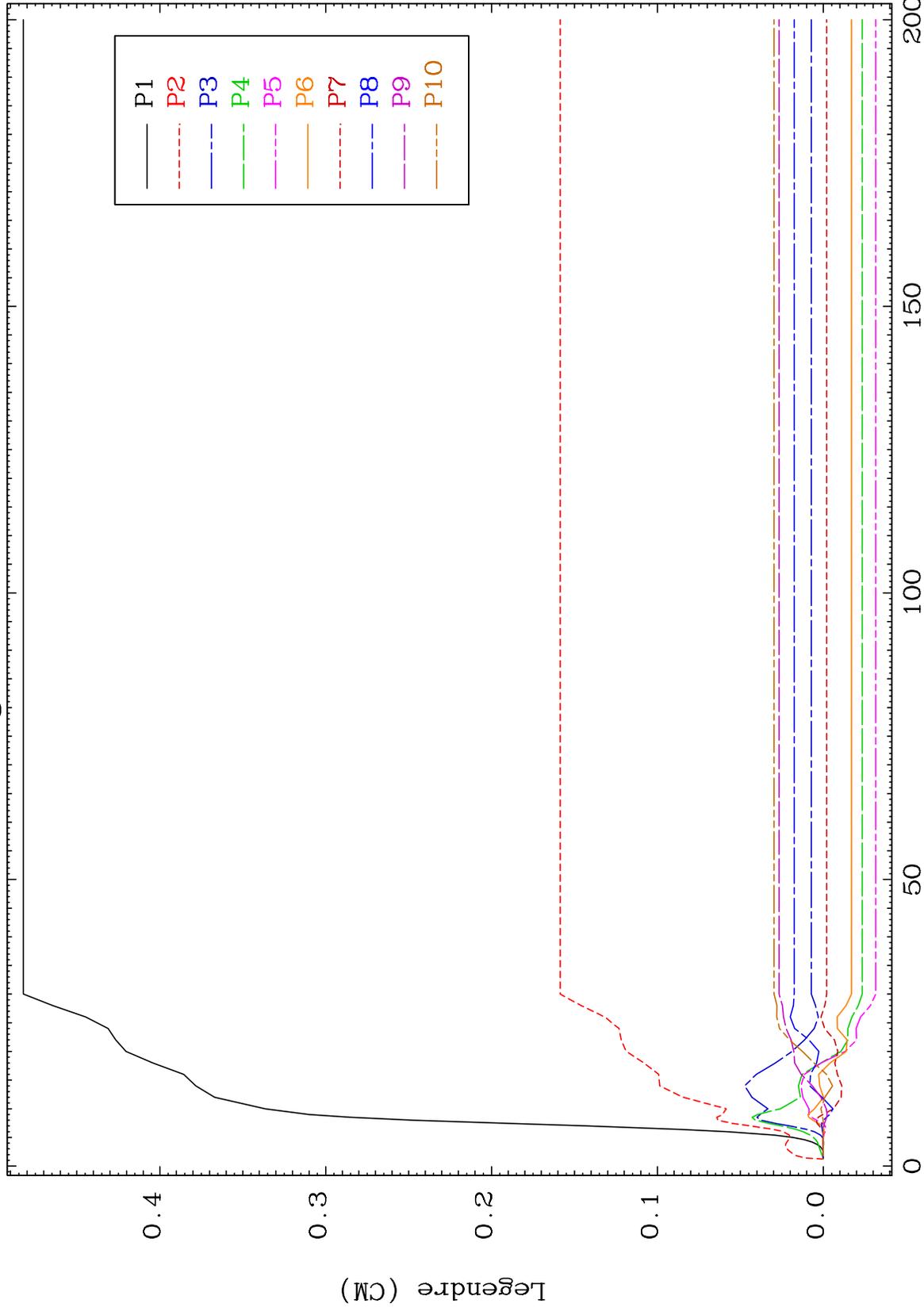
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83-Bi-211

MAT 8331

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

83-Bi-211



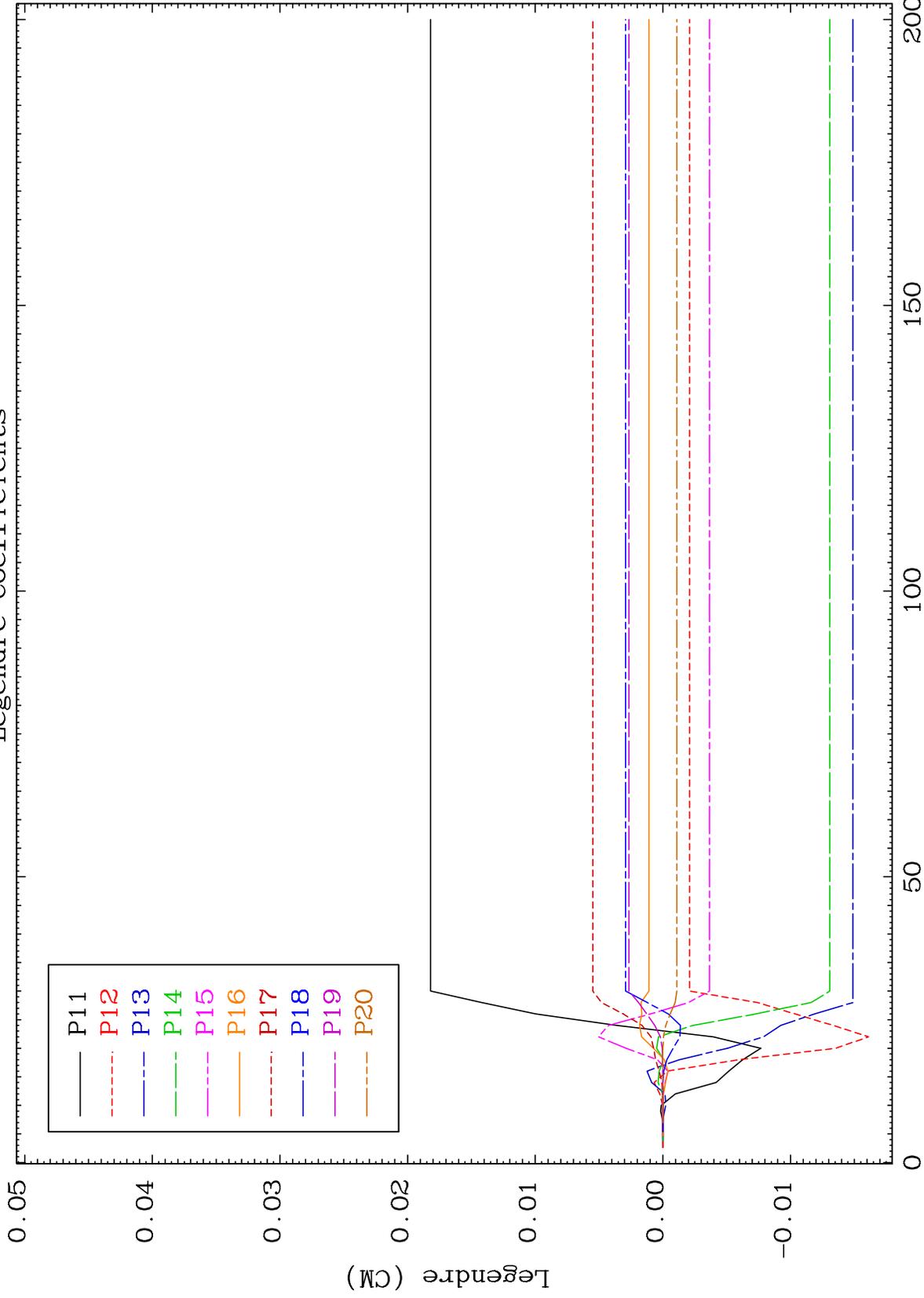
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83-Bi-211

MAT 8331

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

83-Bi-211



85

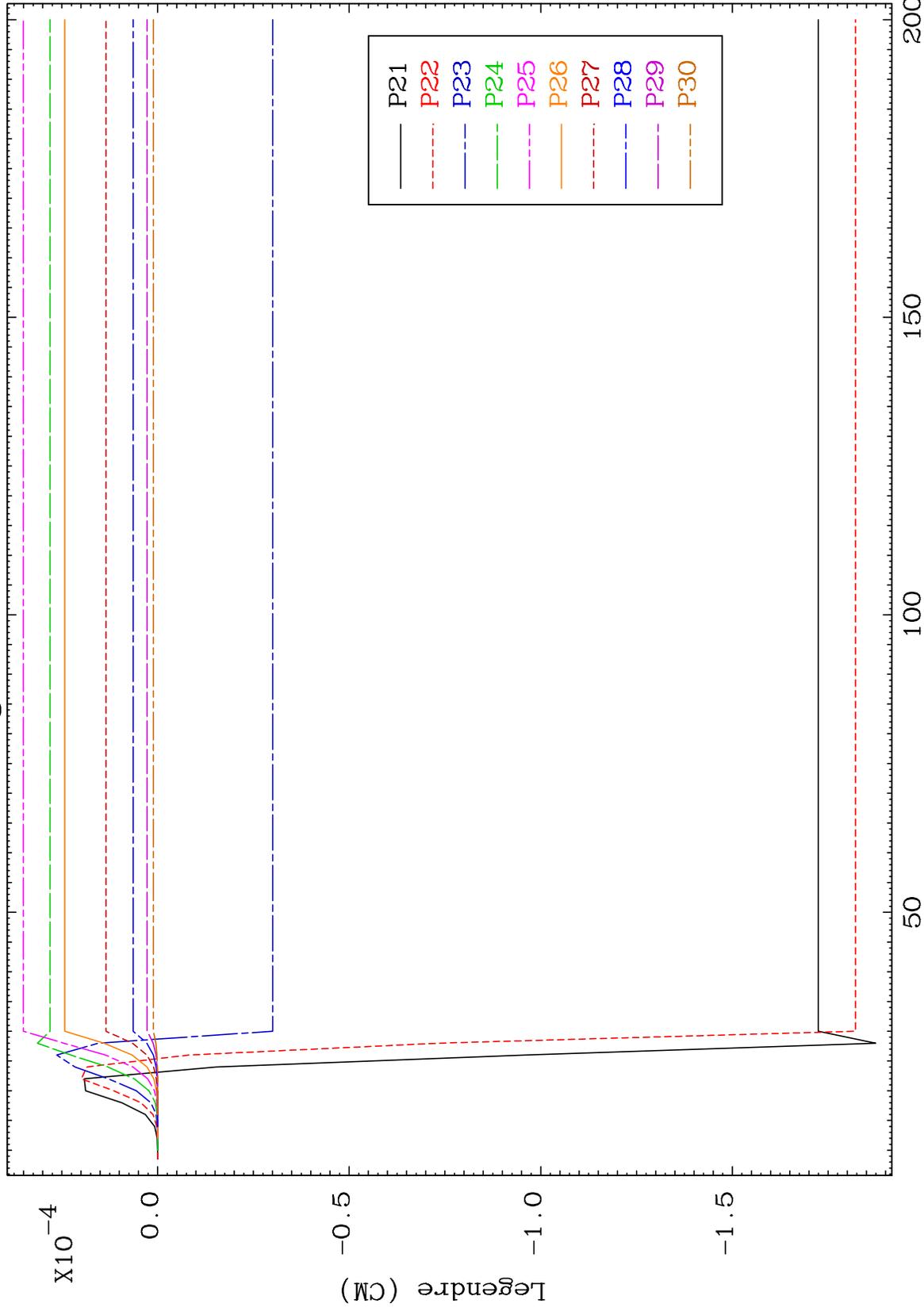
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



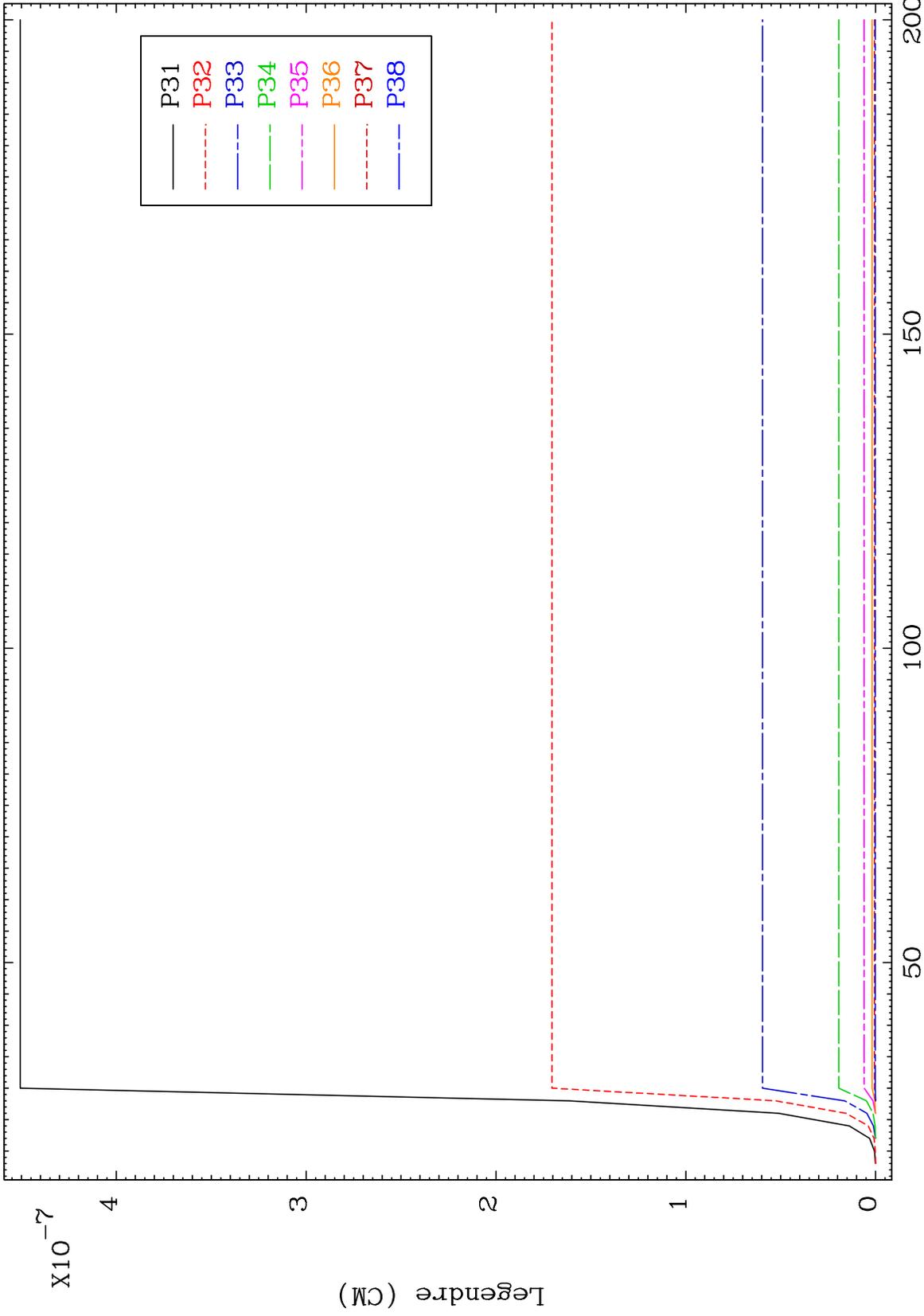
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83-Bi-211

MAT 8331

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

83-Bi-211



87

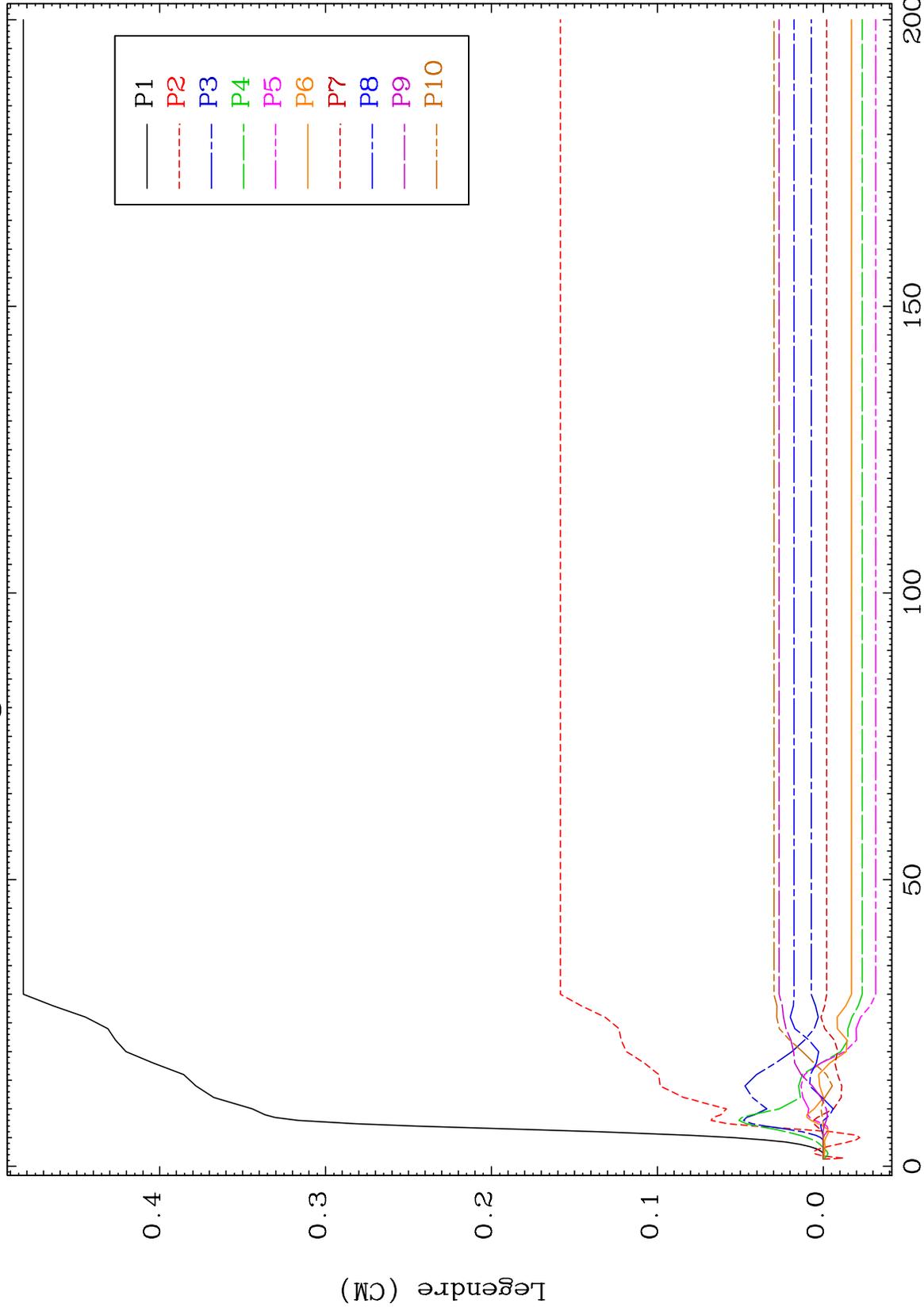
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



88

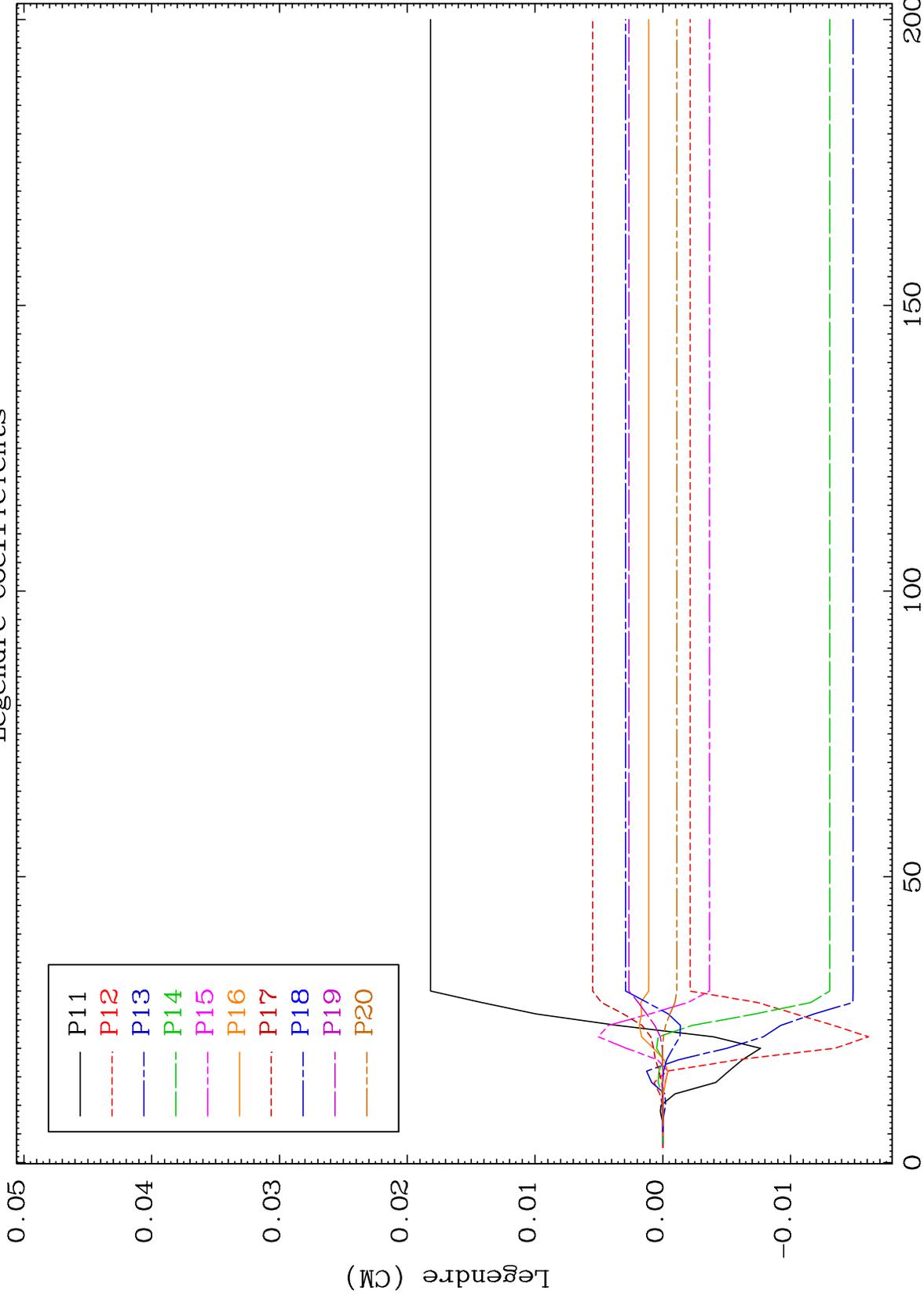
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



89

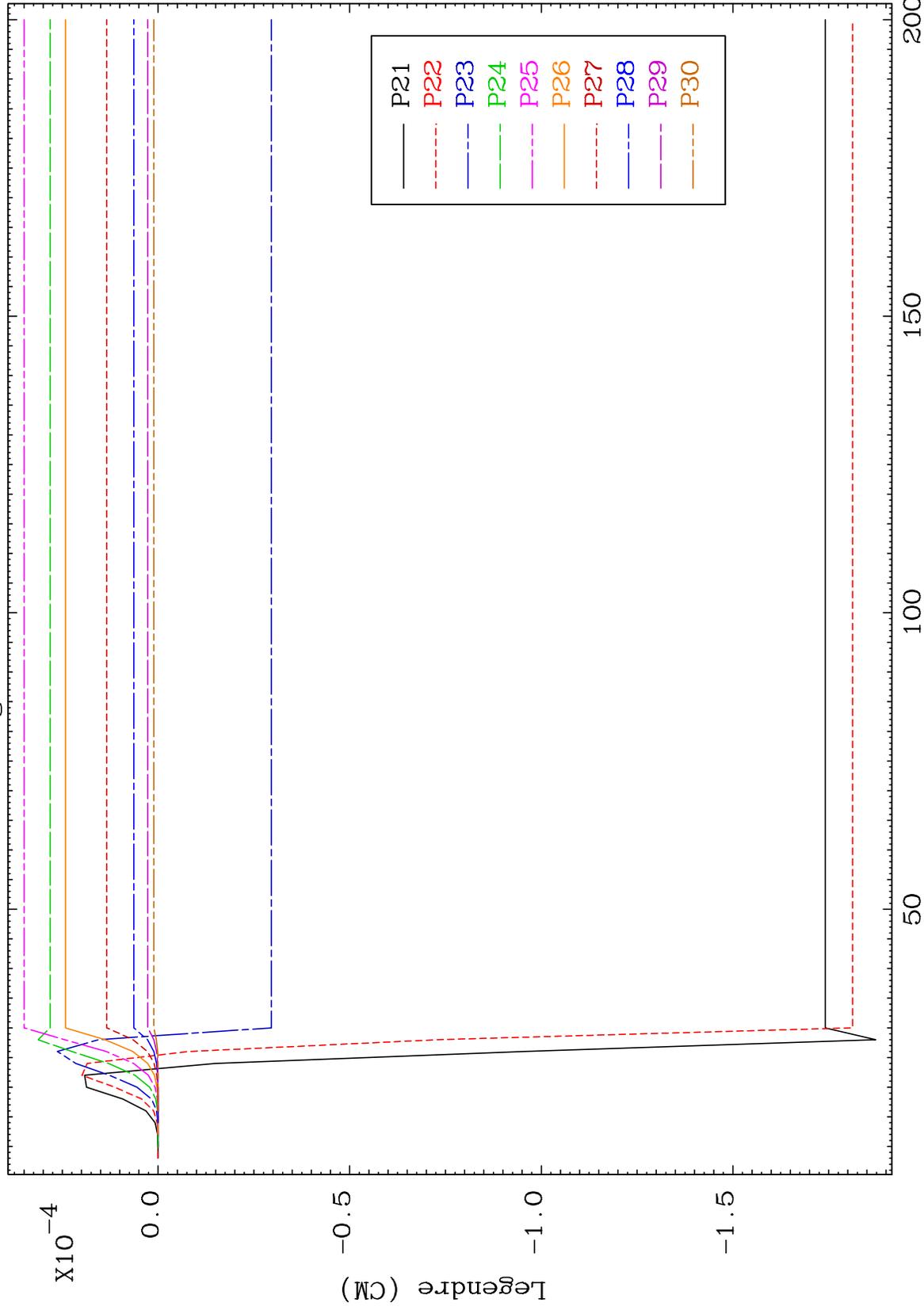
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



90

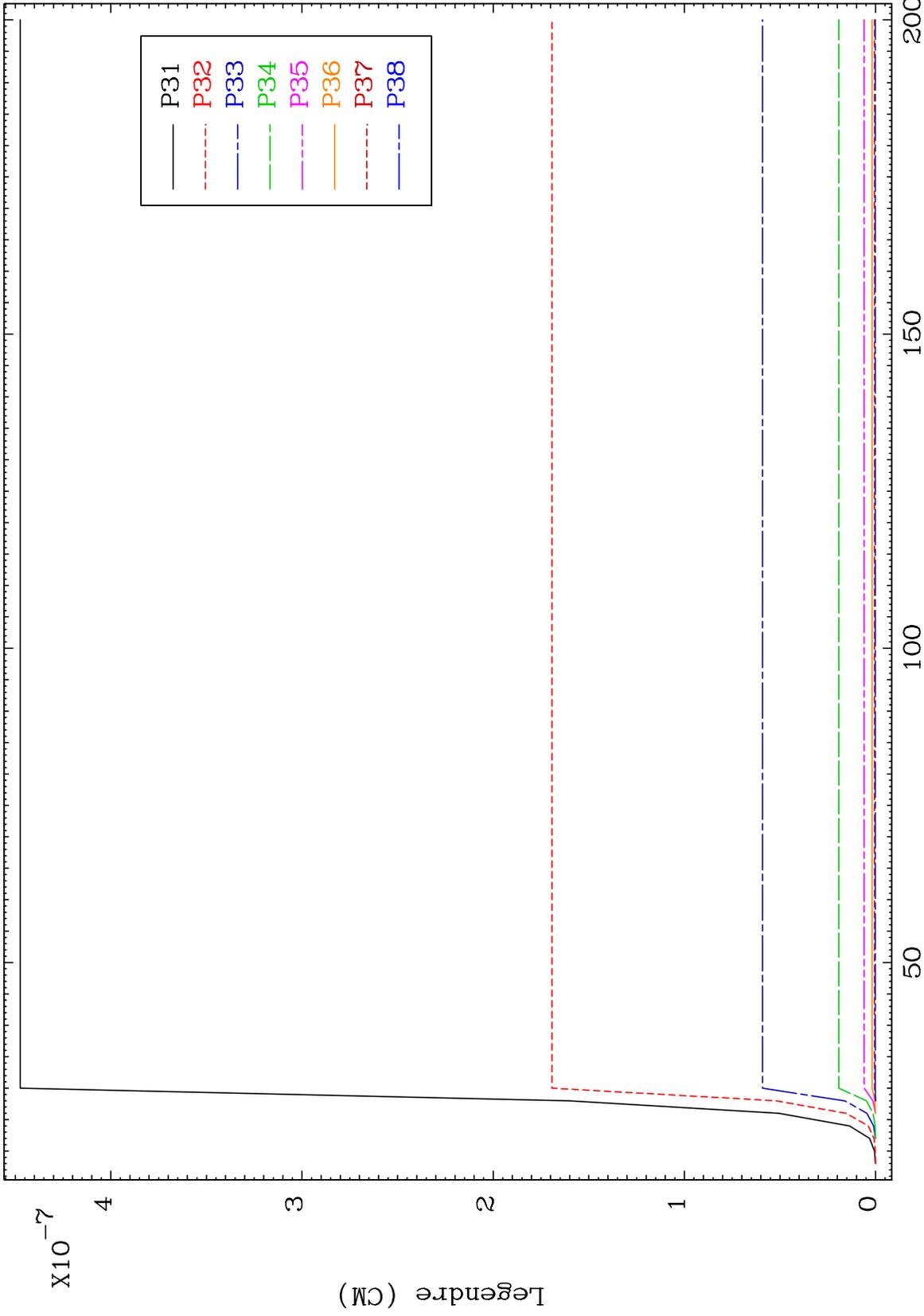
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



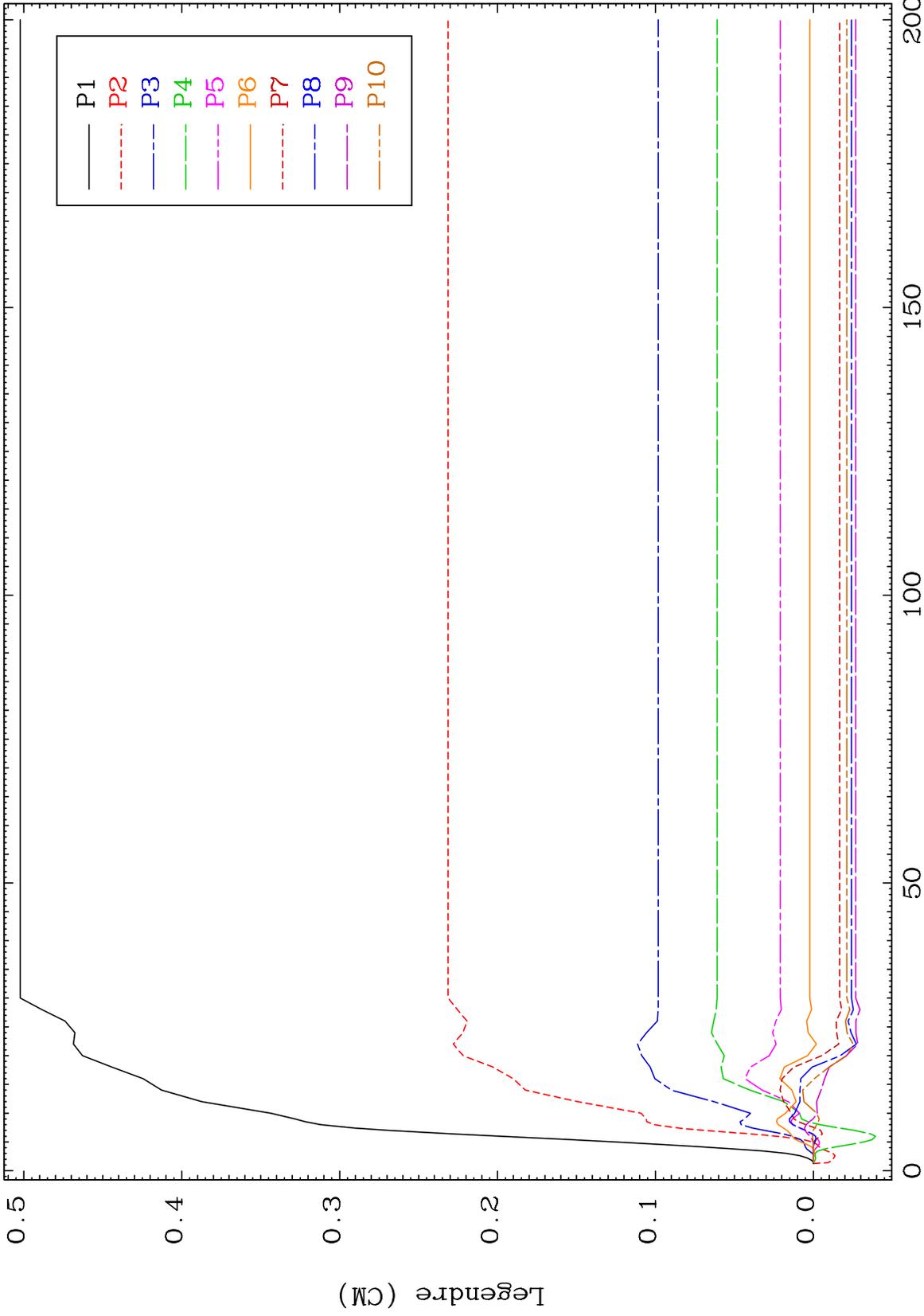
91

83-Bi-211

MAT 8331

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

83-Bi-211



92

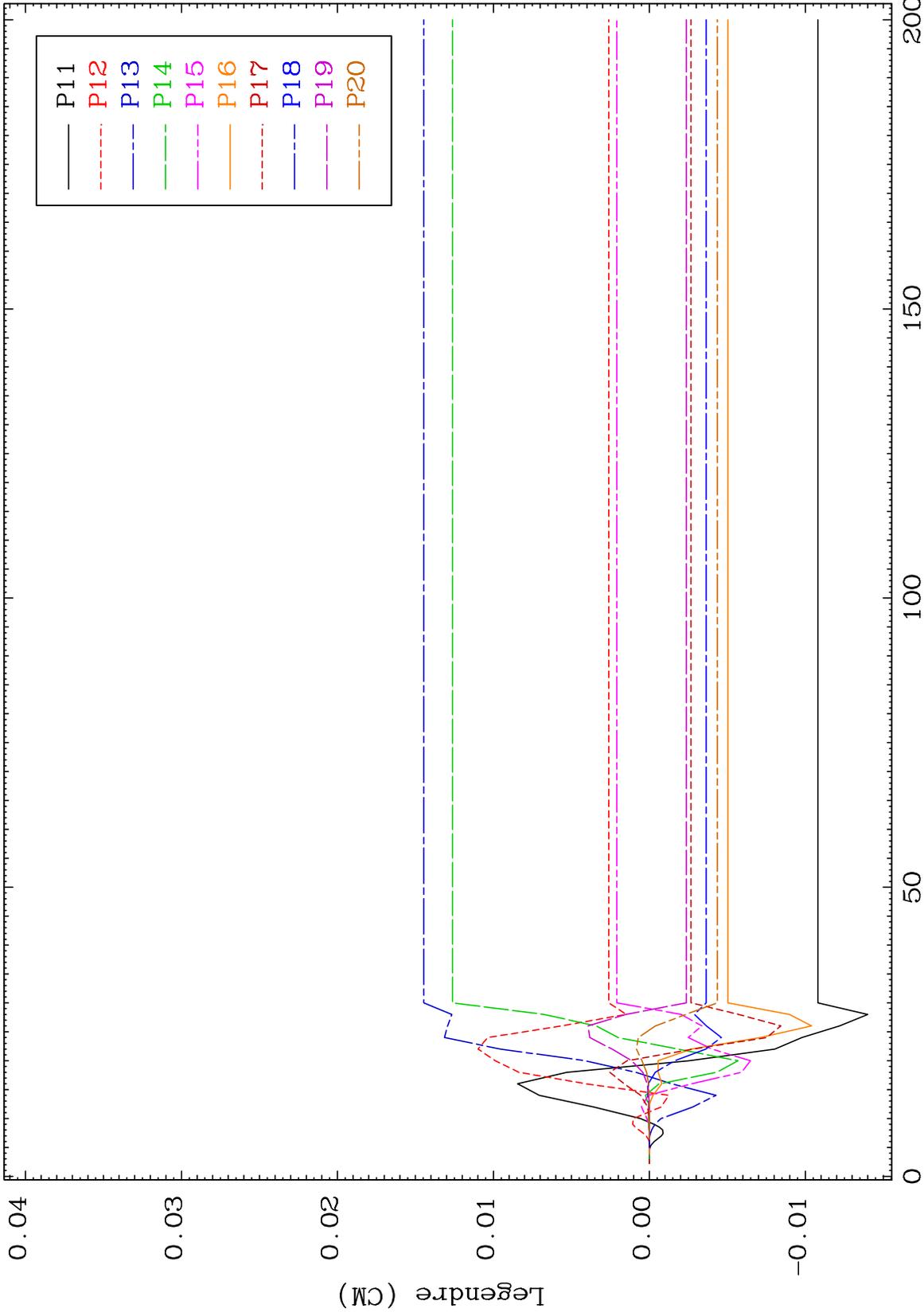
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



93

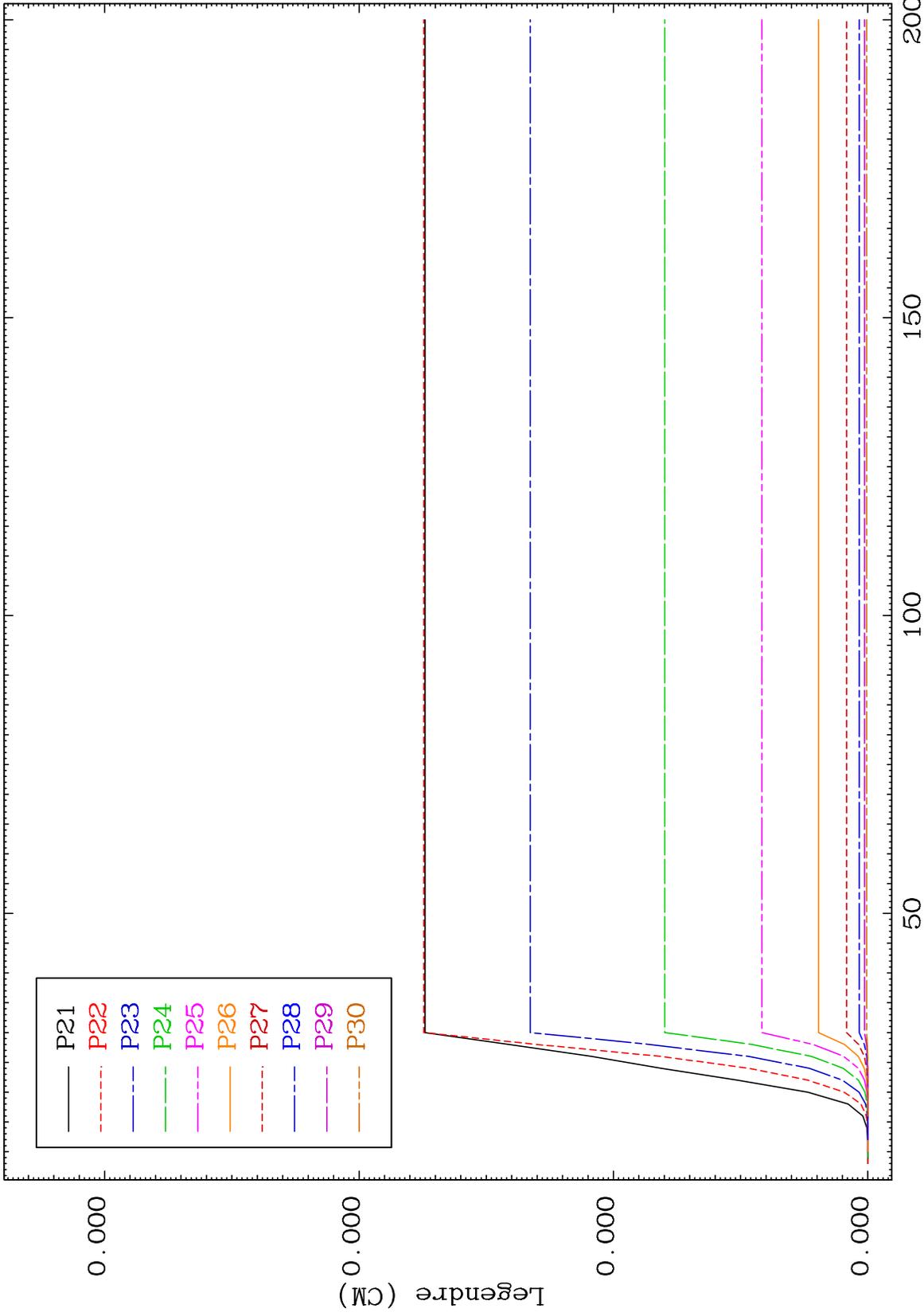
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



94

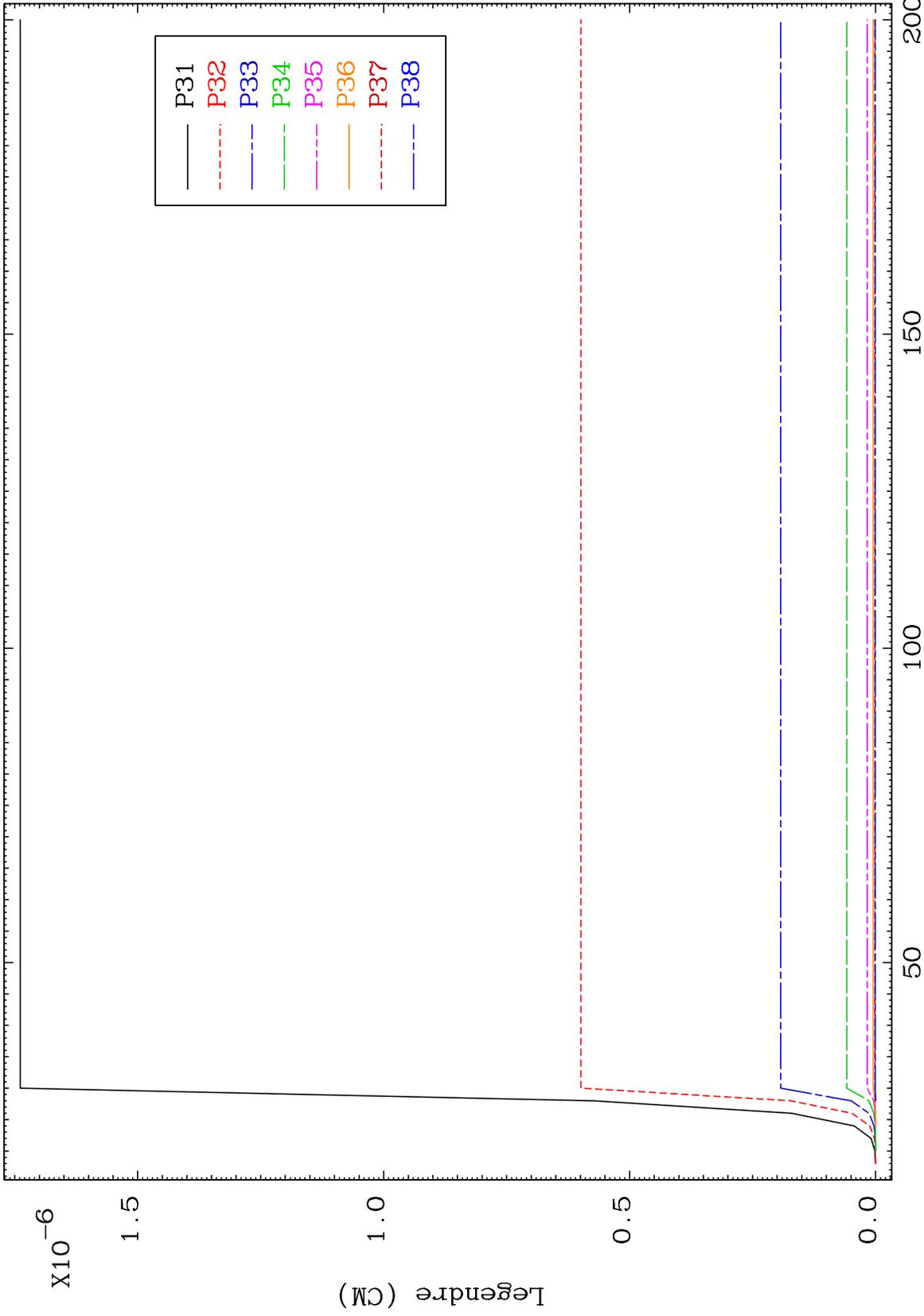
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



95

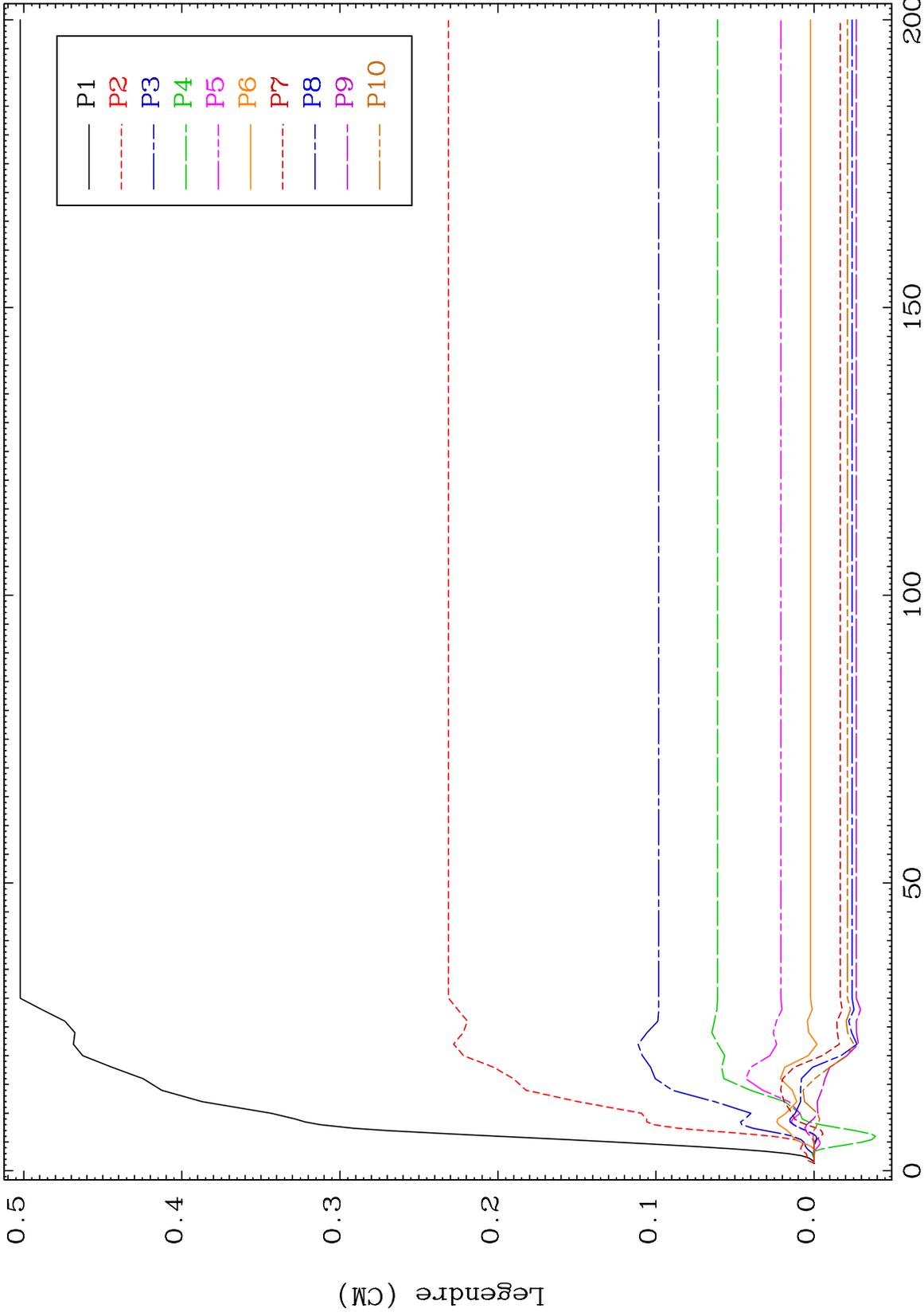
83-Bi-211

83-Bi-211

MAT 8331

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

83-Bi-211



96

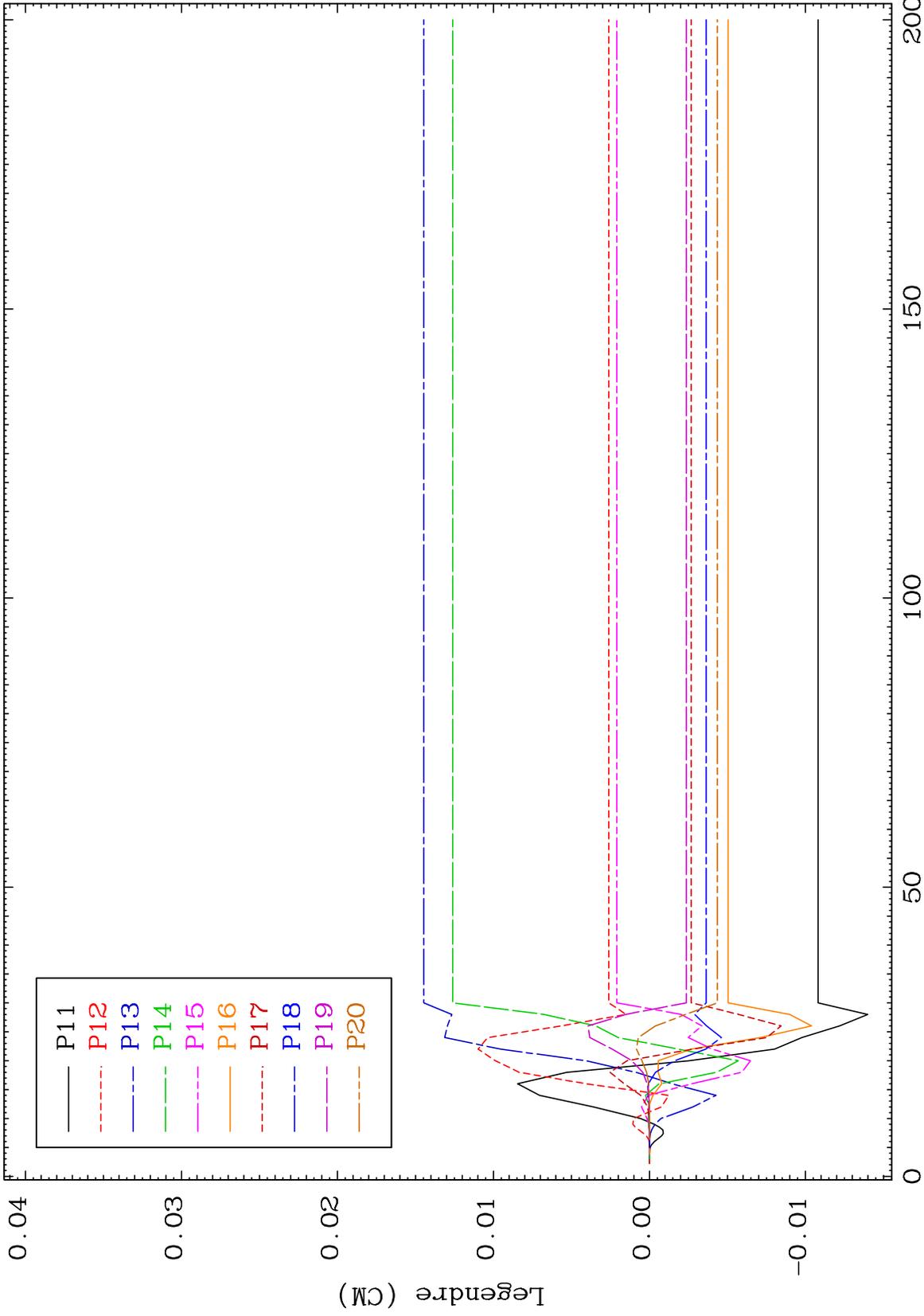
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



97

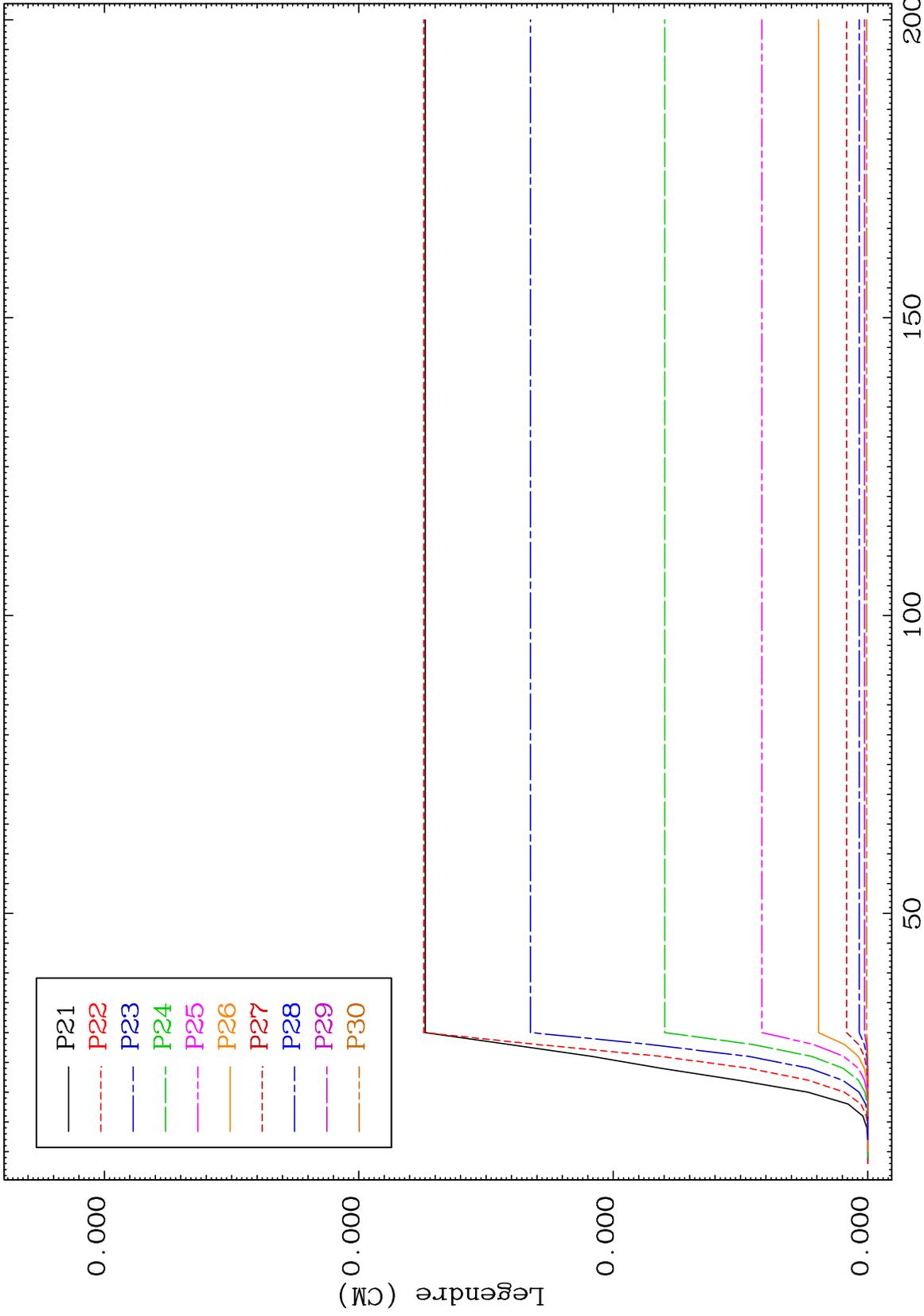
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83-Bi-211

MAT 8331

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

83-Bi-211



98

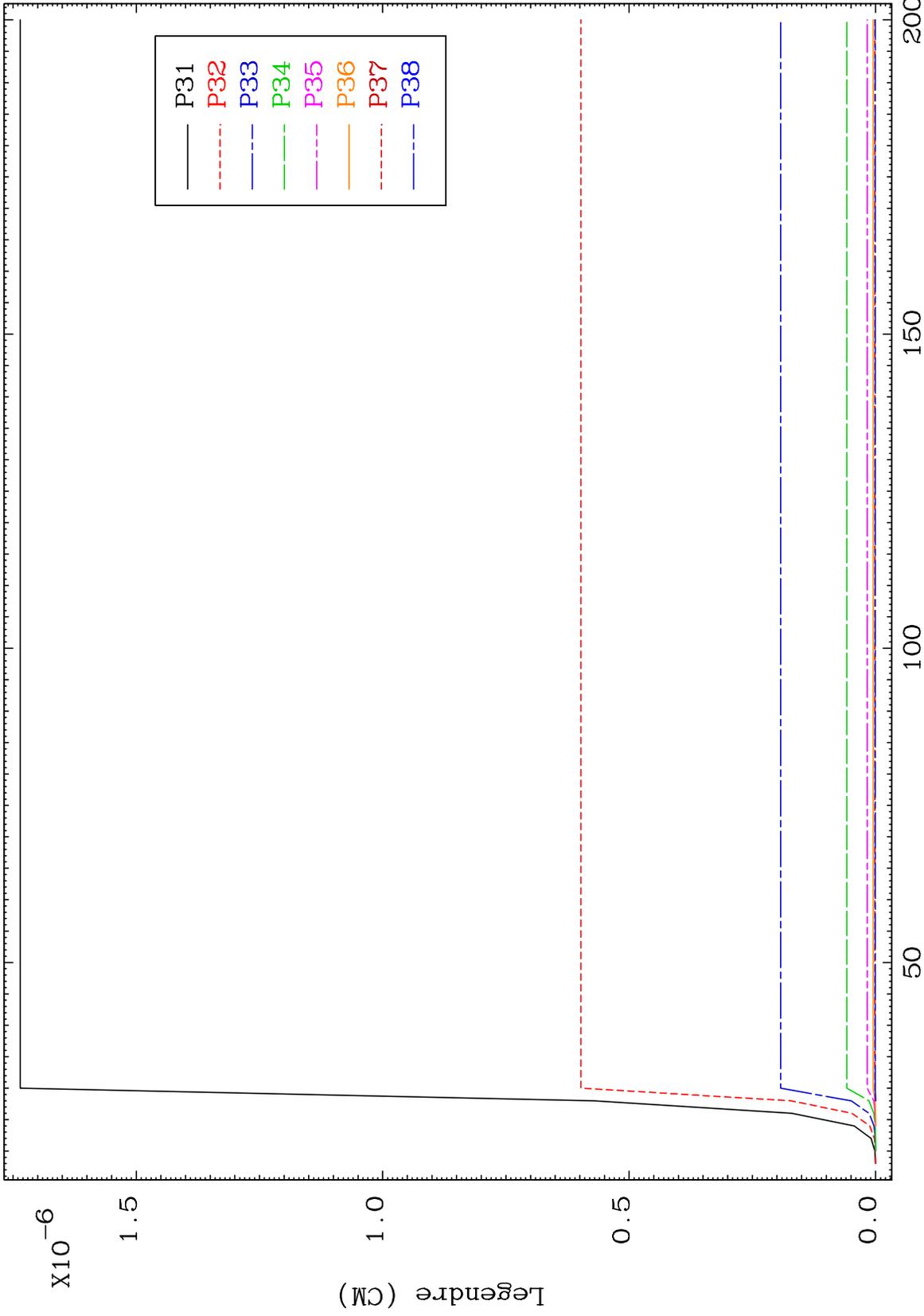
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



99

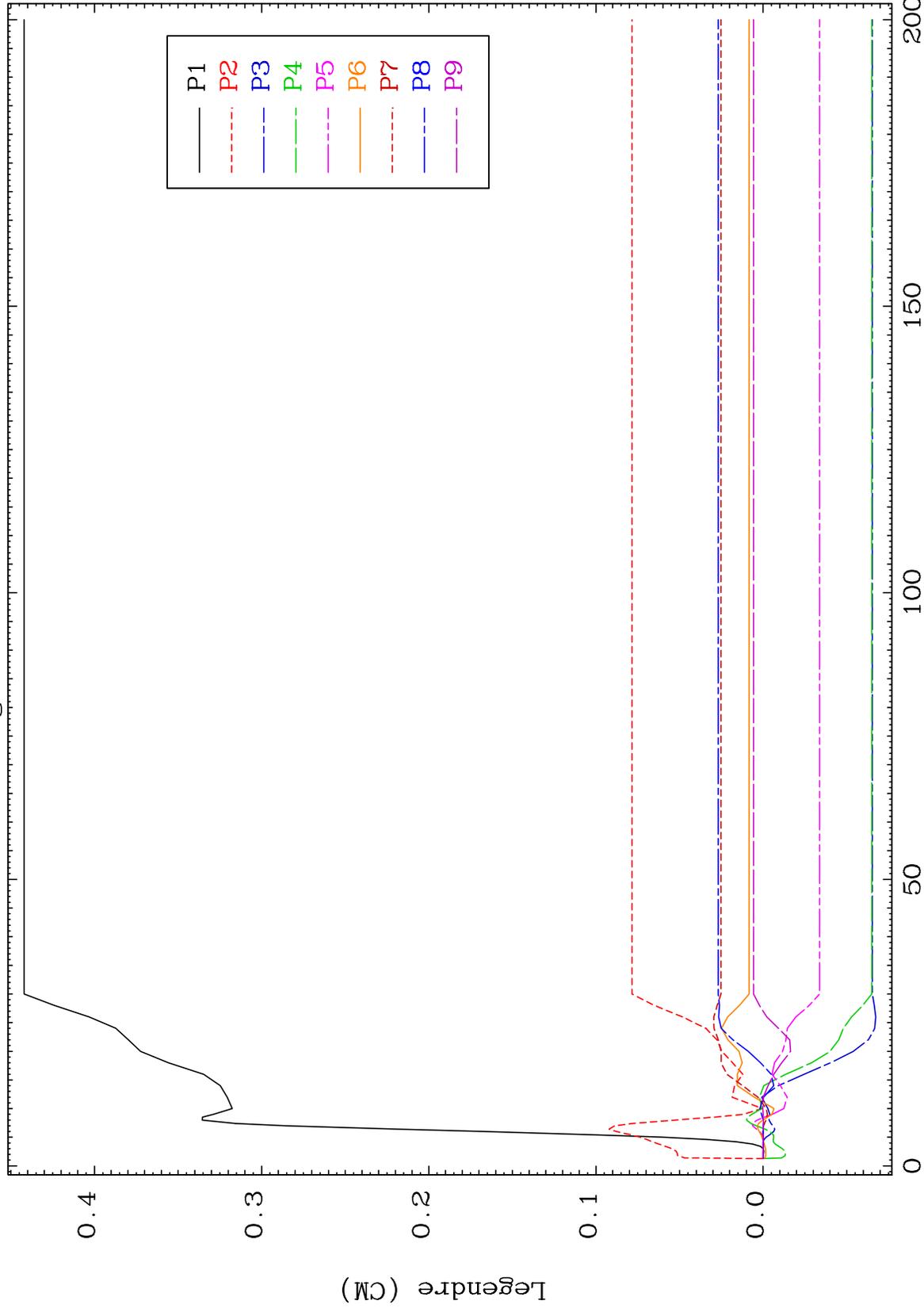
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



83-Bi-211

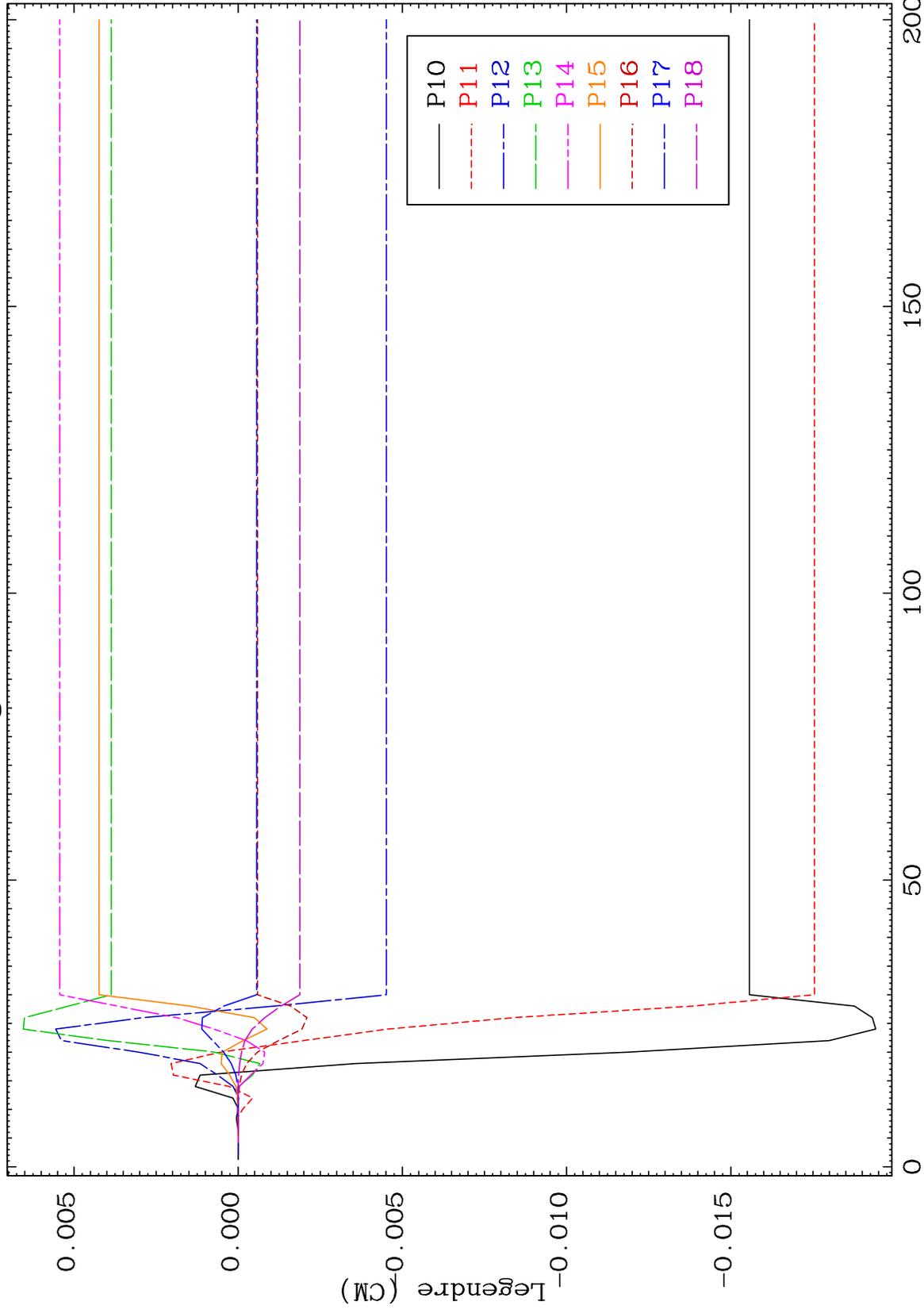
Incident Energy (MeV)

100

MAT 8331

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

83-Bi-211



101

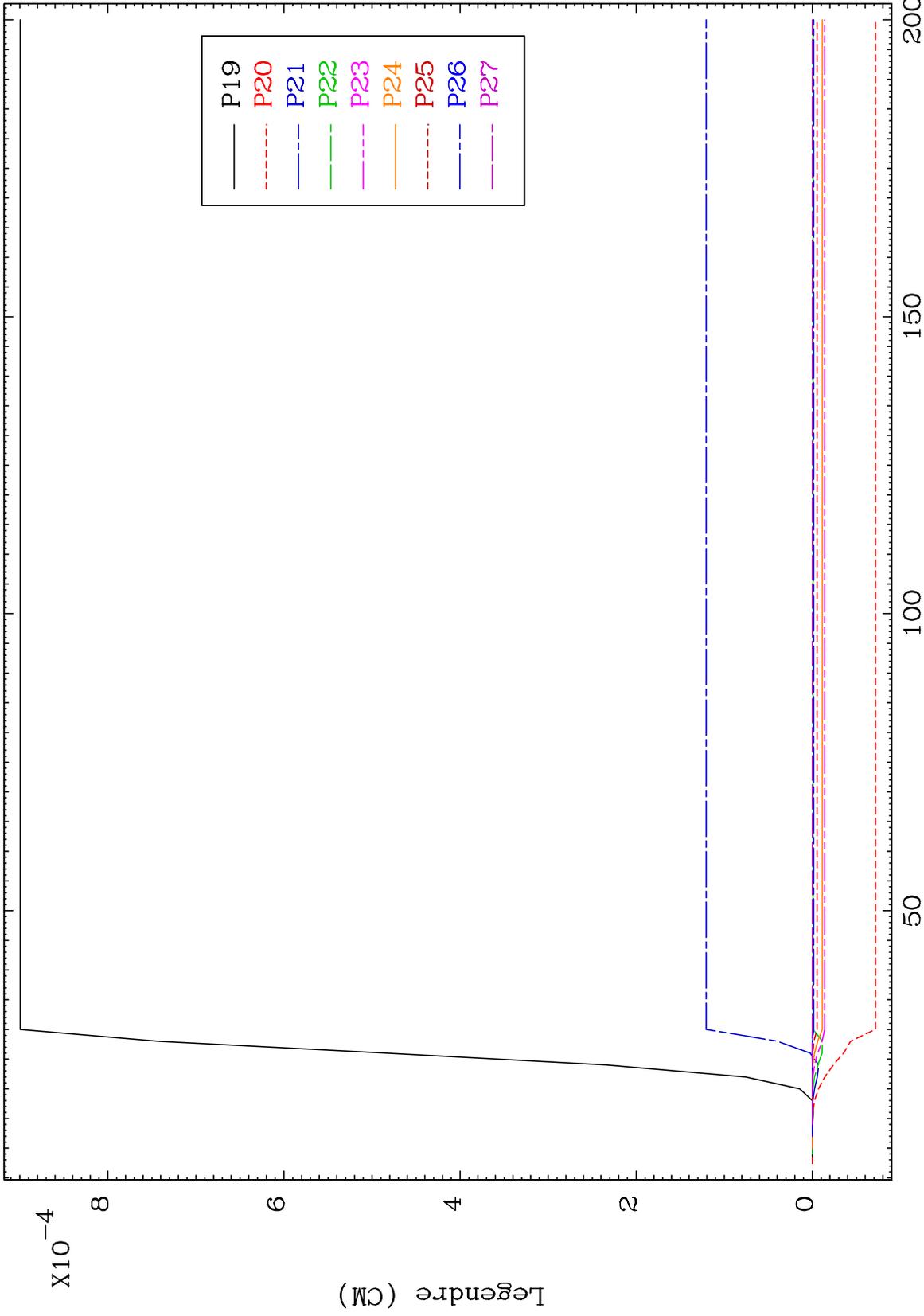
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



102

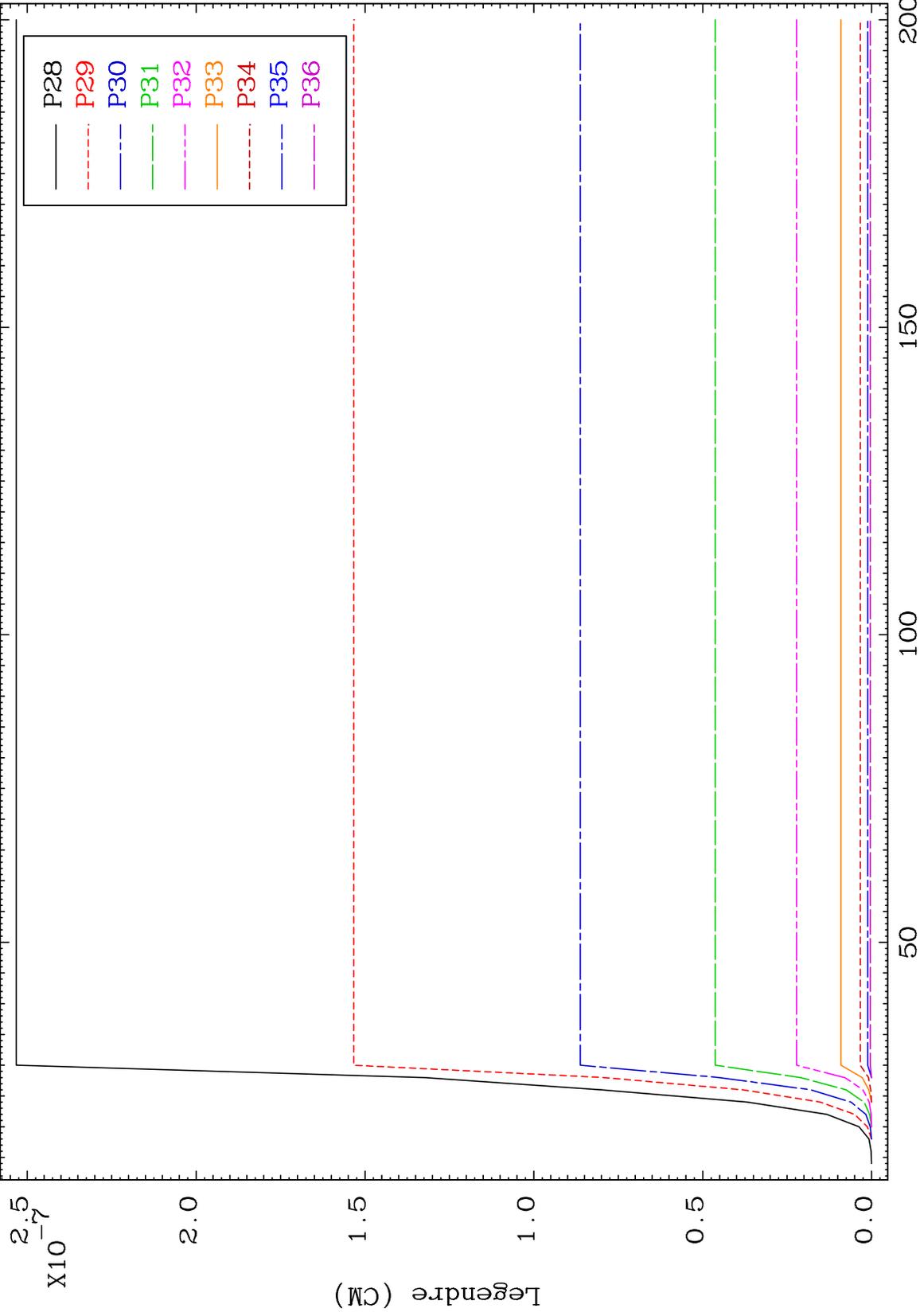
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



103

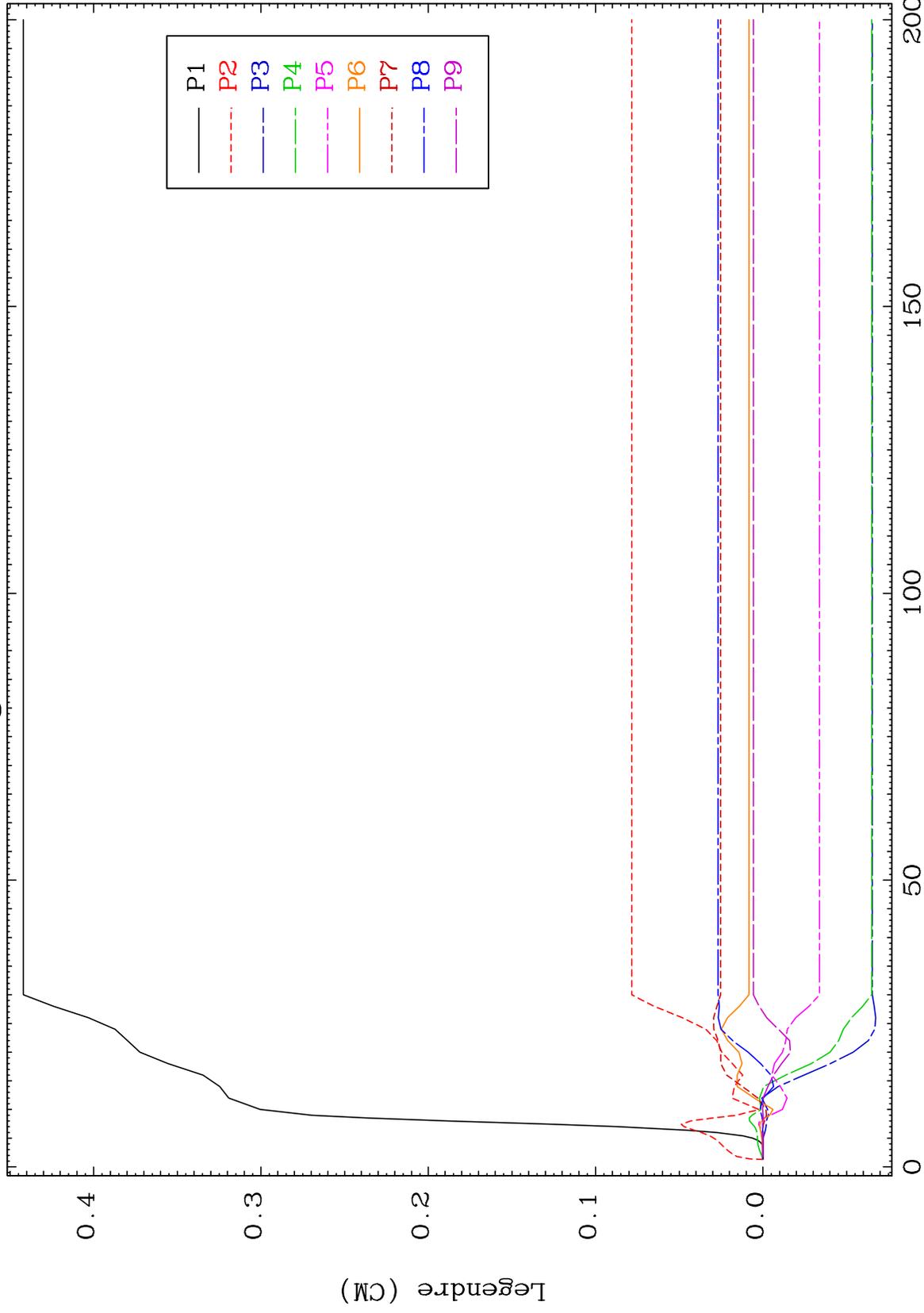
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



83-Bi-211

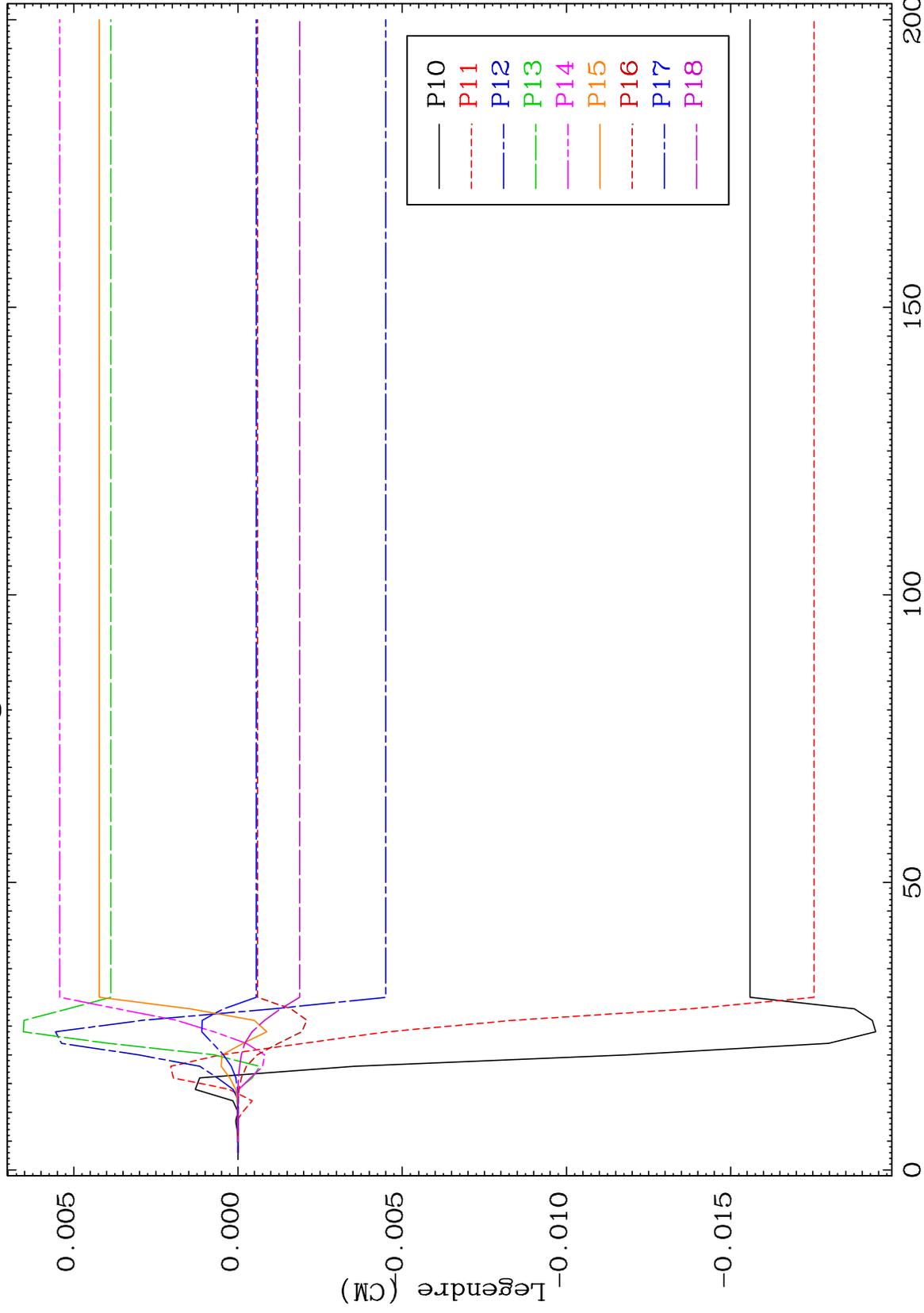
Incident Energy (MeV)

104

MAT 8331

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

83-Bi-211



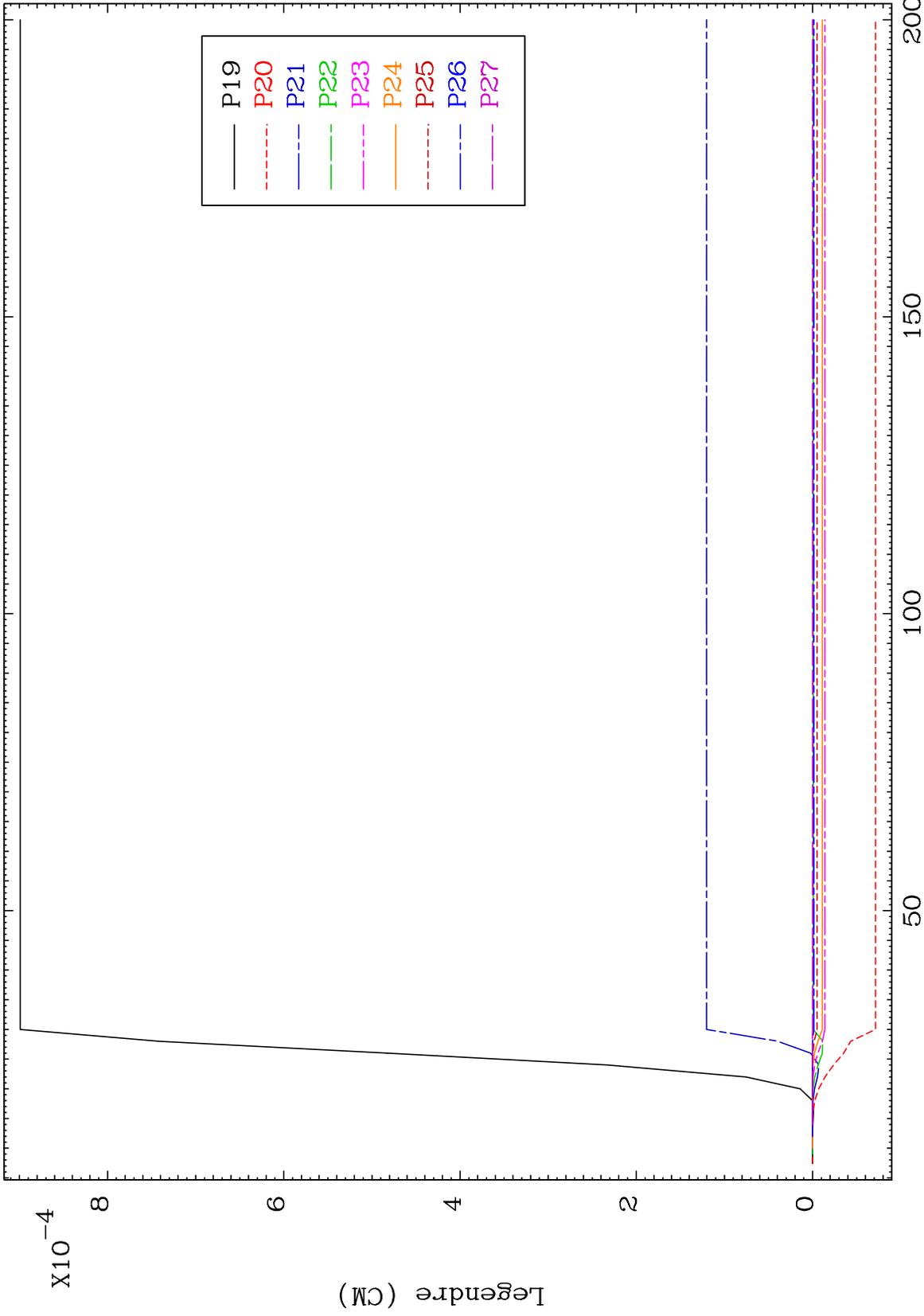
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83-Bi-211

MAT 8331

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

83-Bi-211



106

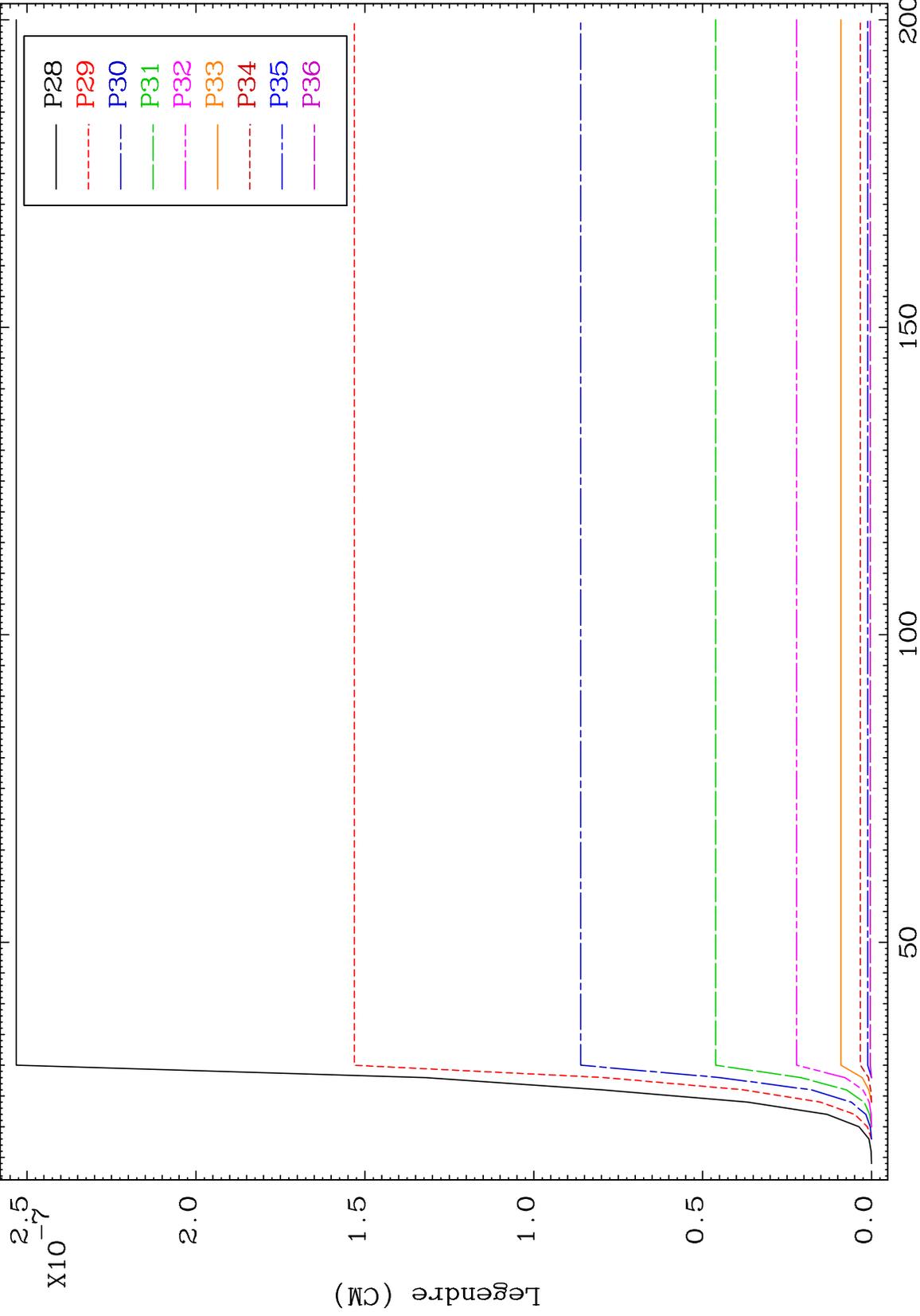
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



107

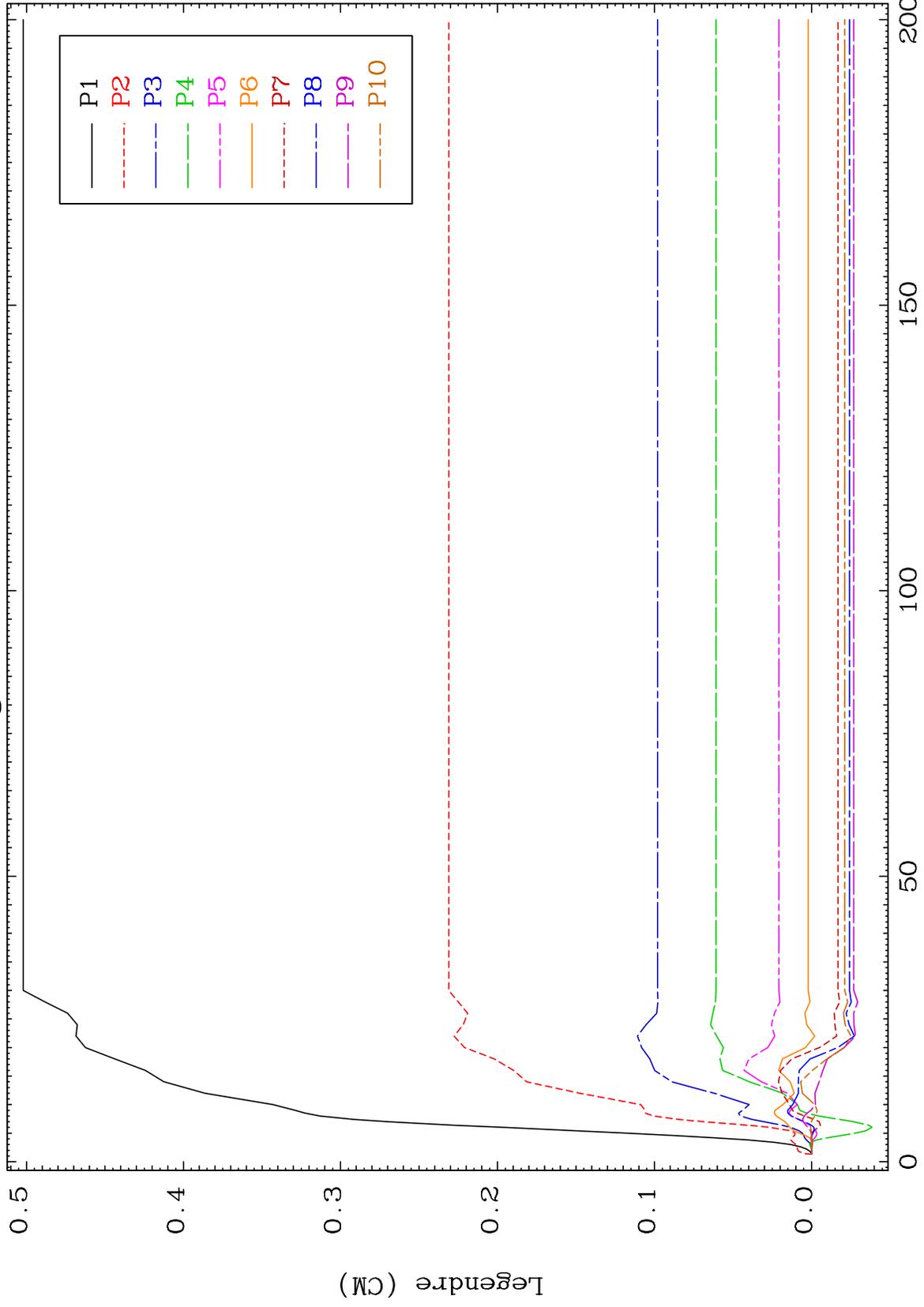
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



108

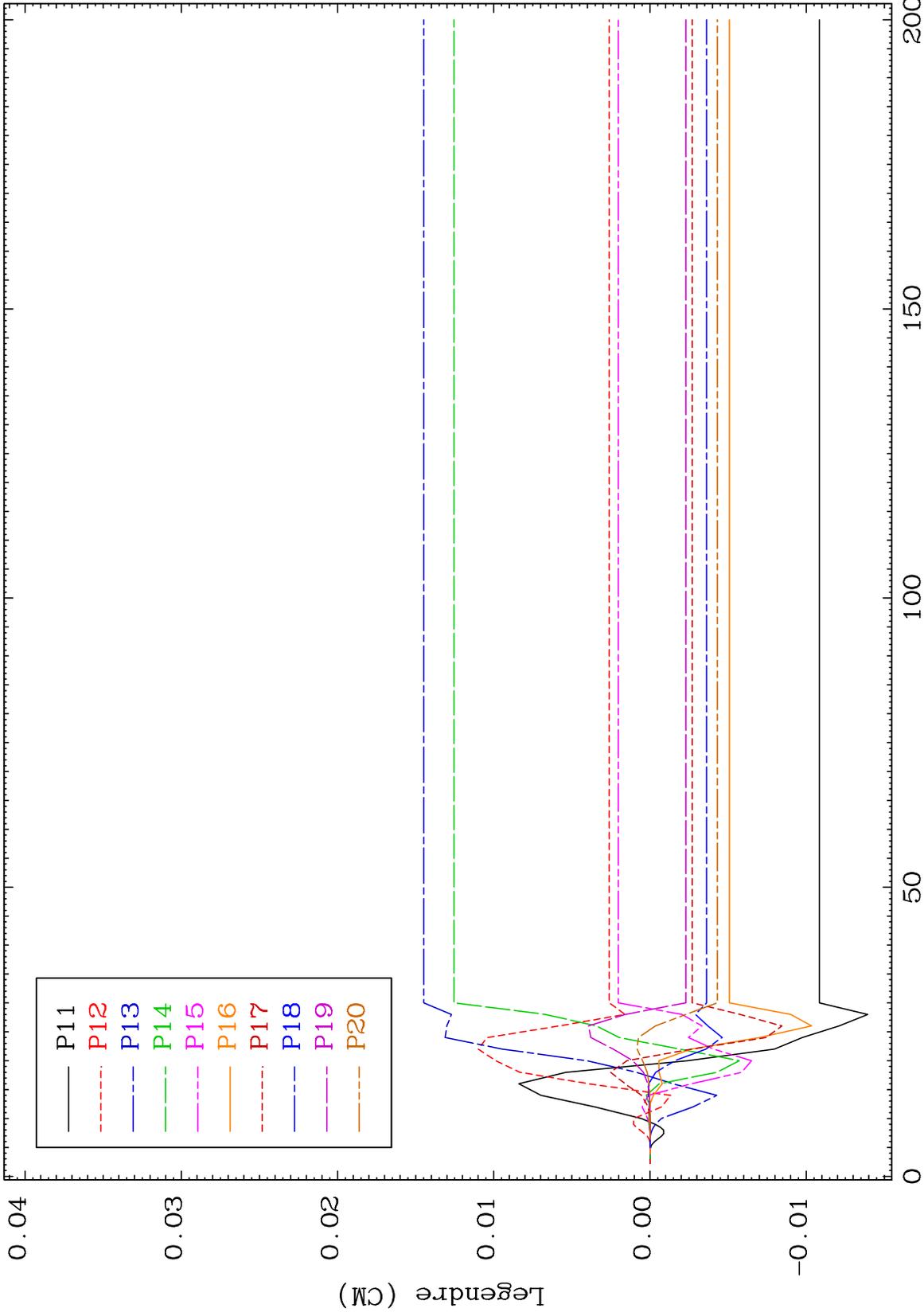
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



109

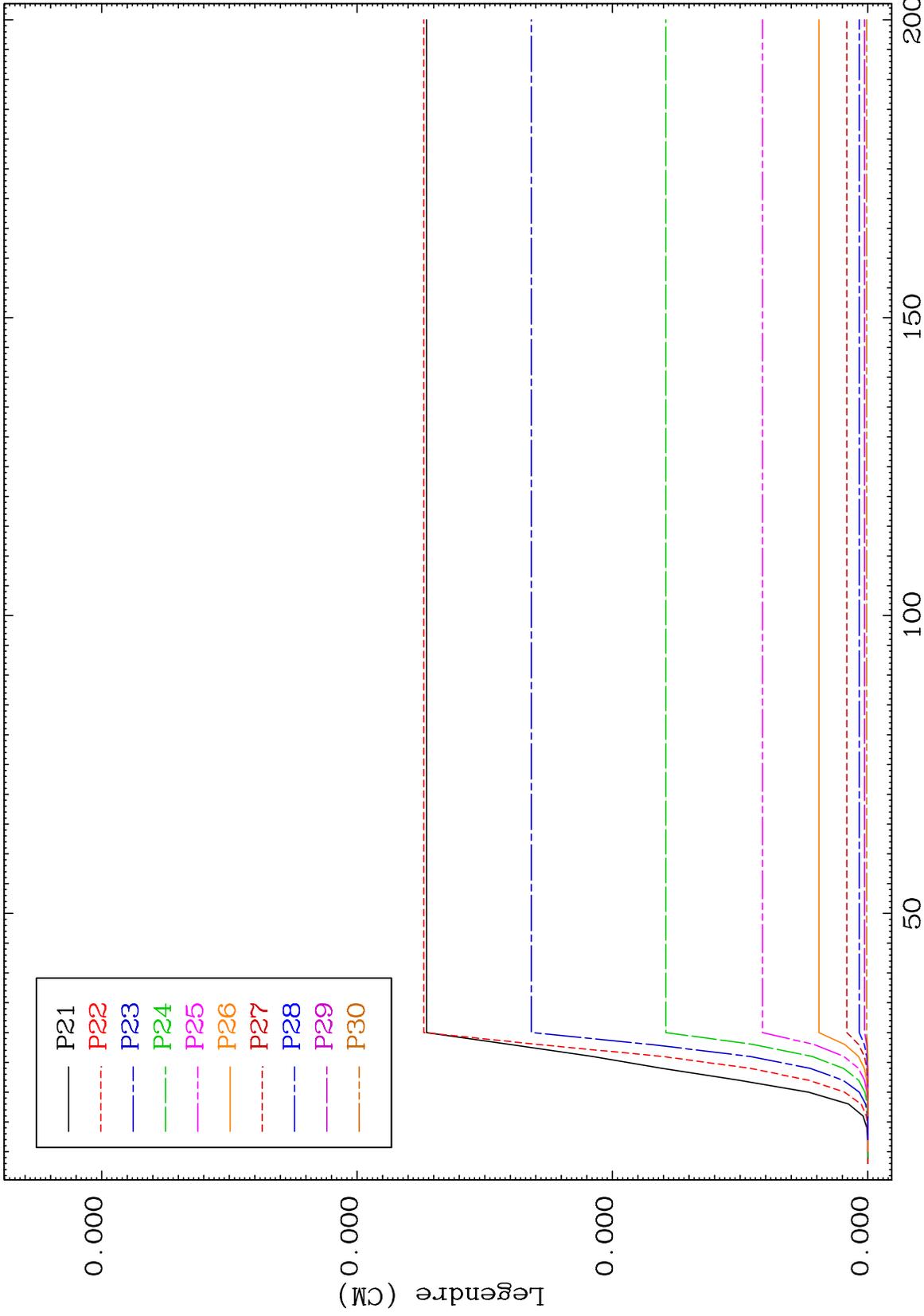
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



110

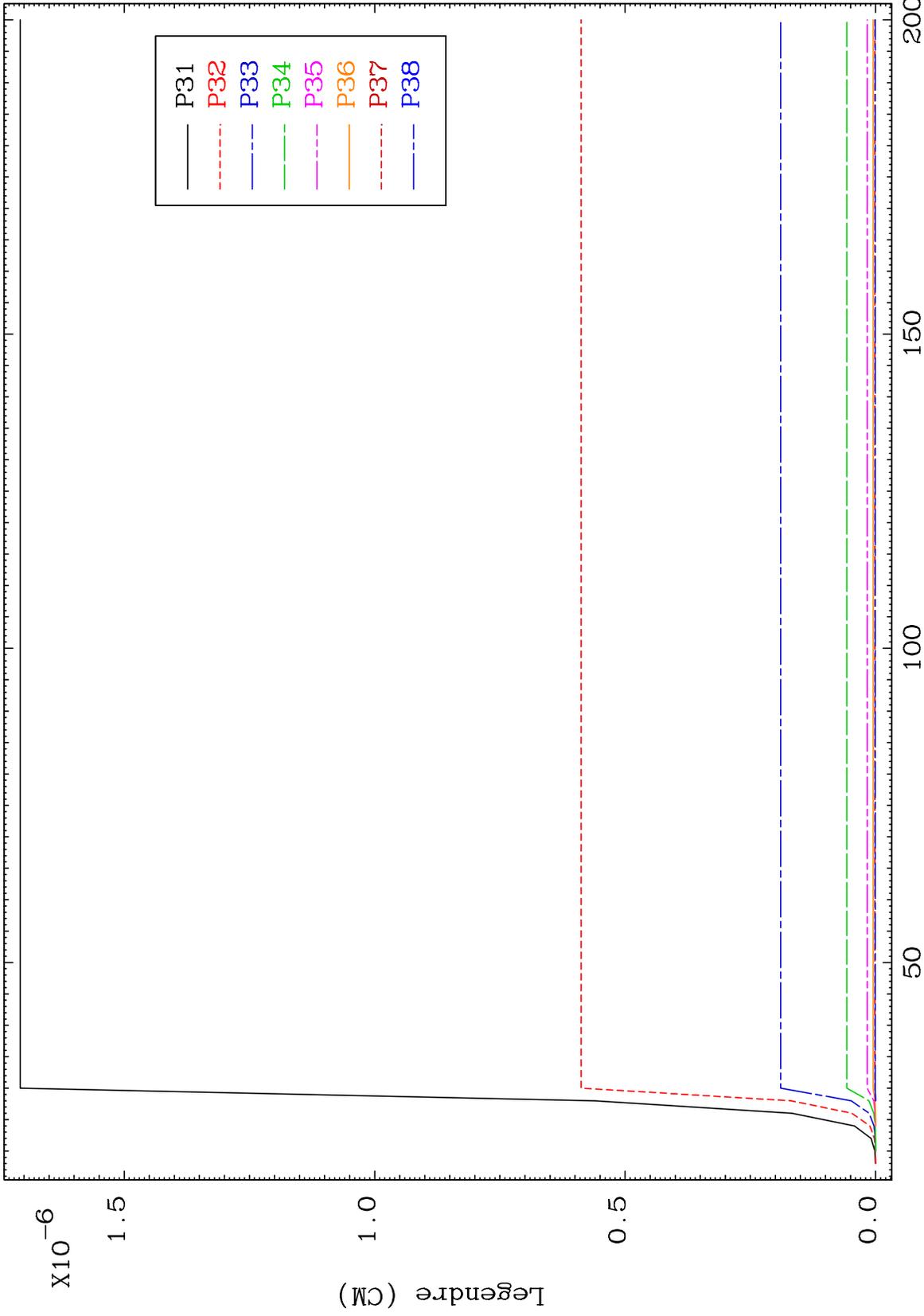
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



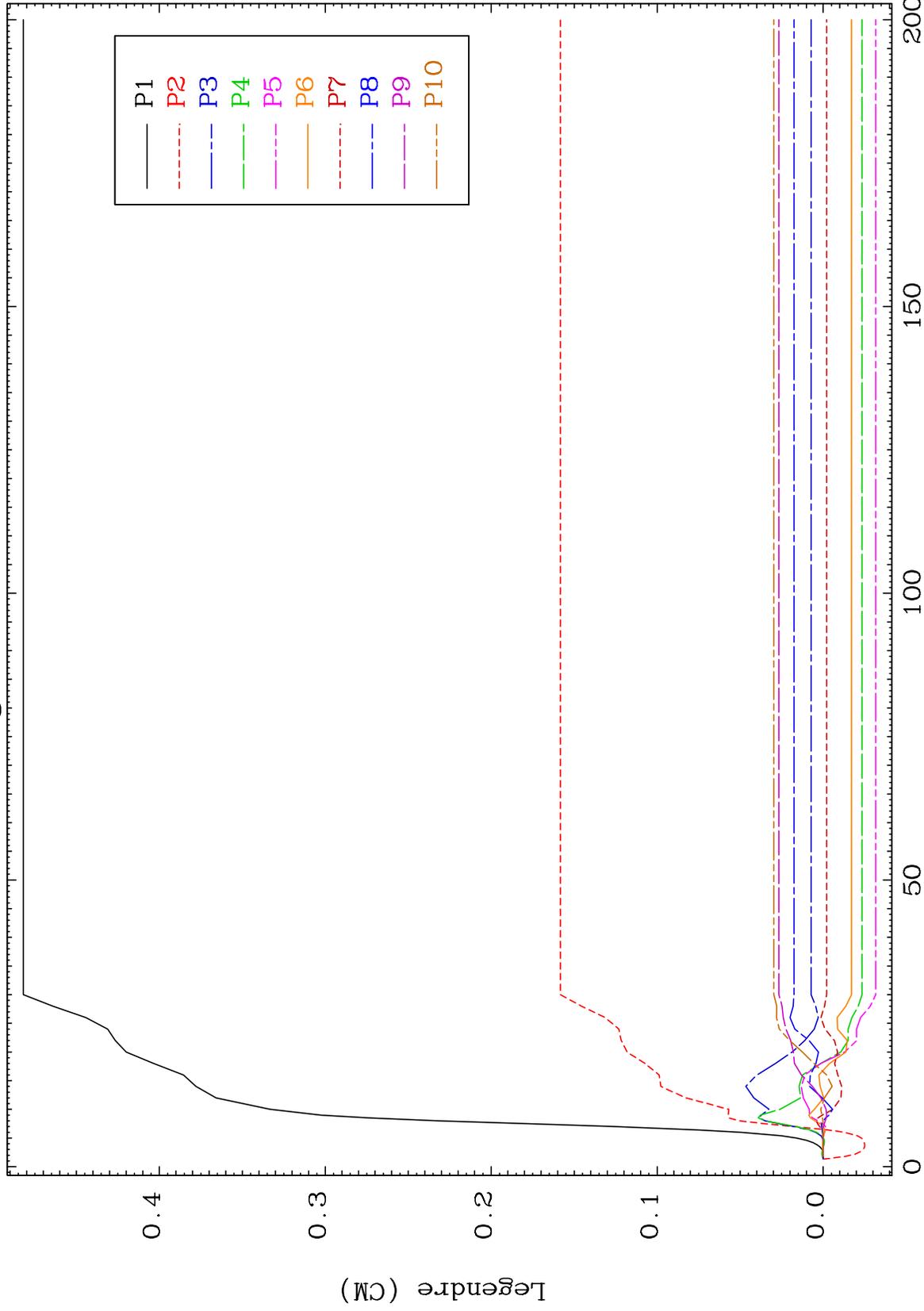
111

83-Bi-211

MAT 8331

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

83-Bi-211



112

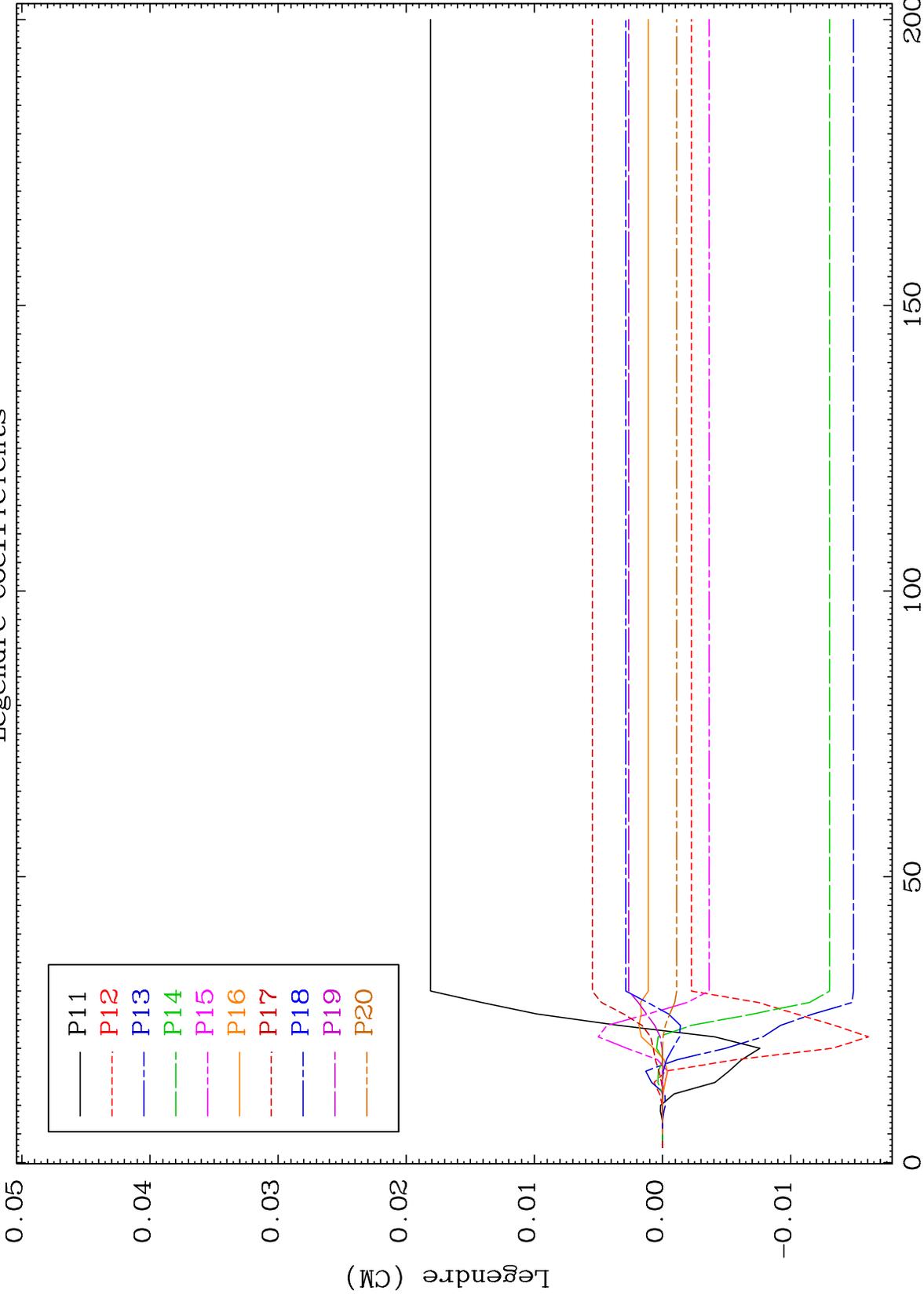
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



113

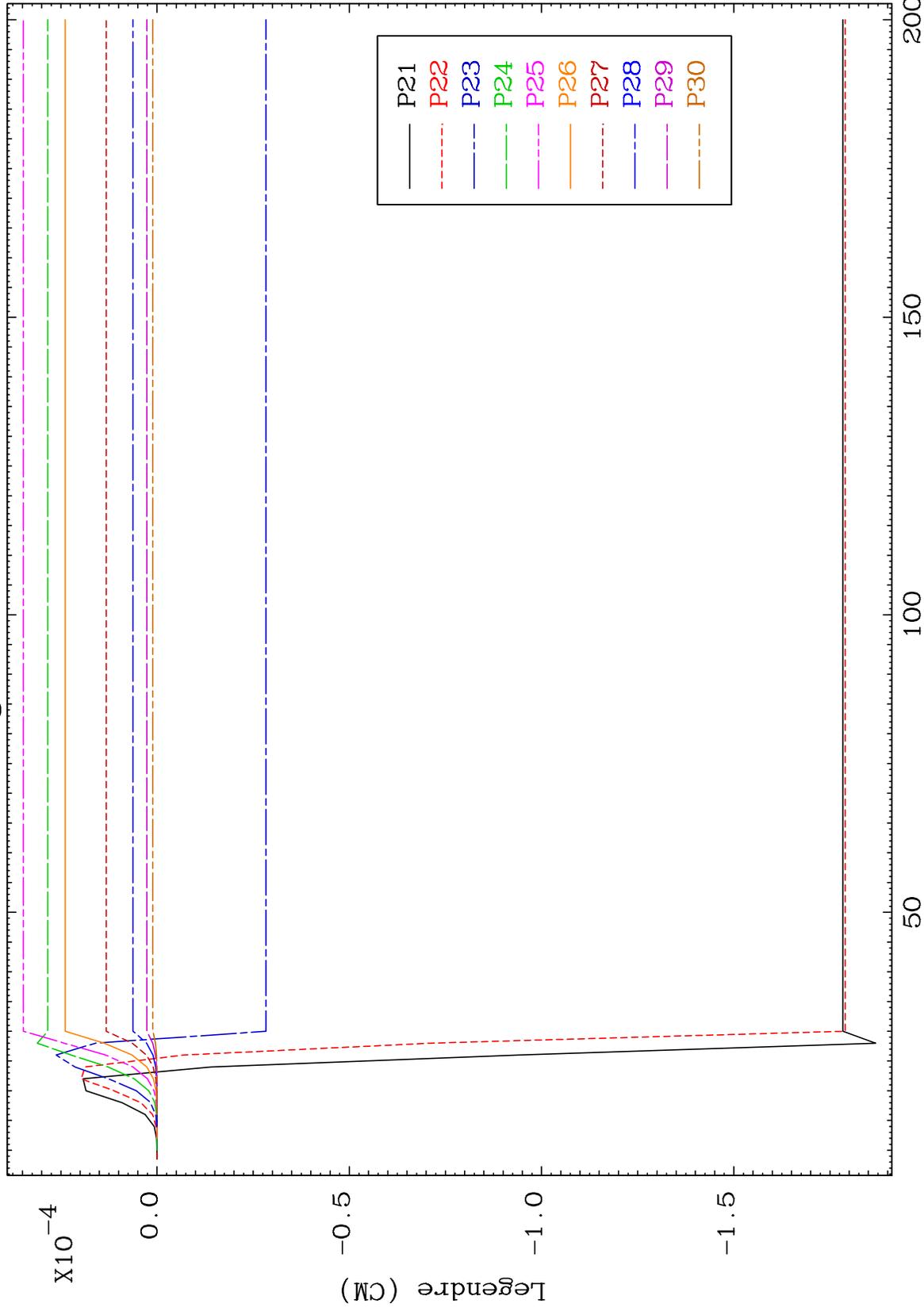
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



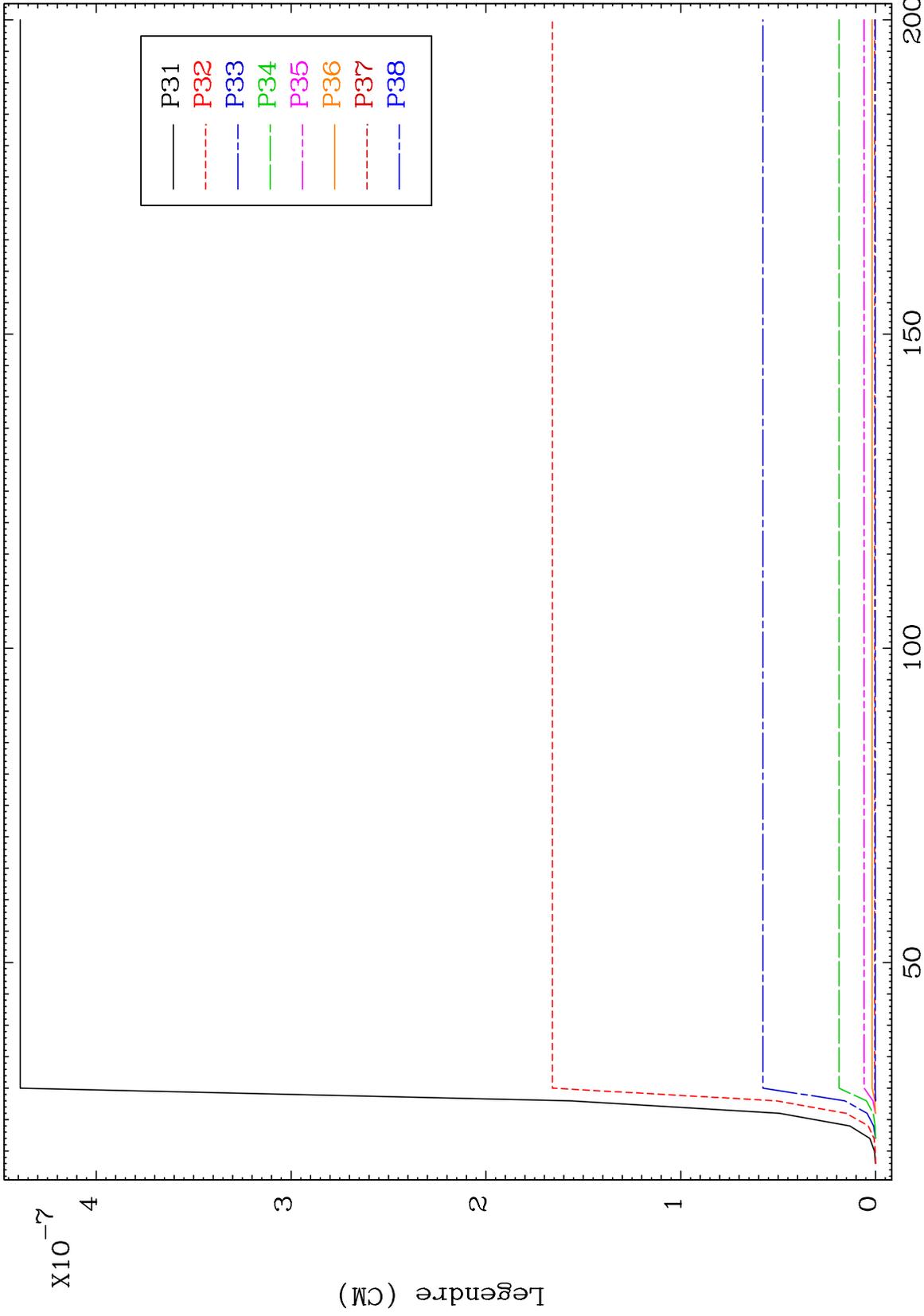
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83-Bi-211

MAT 8331

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

83-Bi-211



115

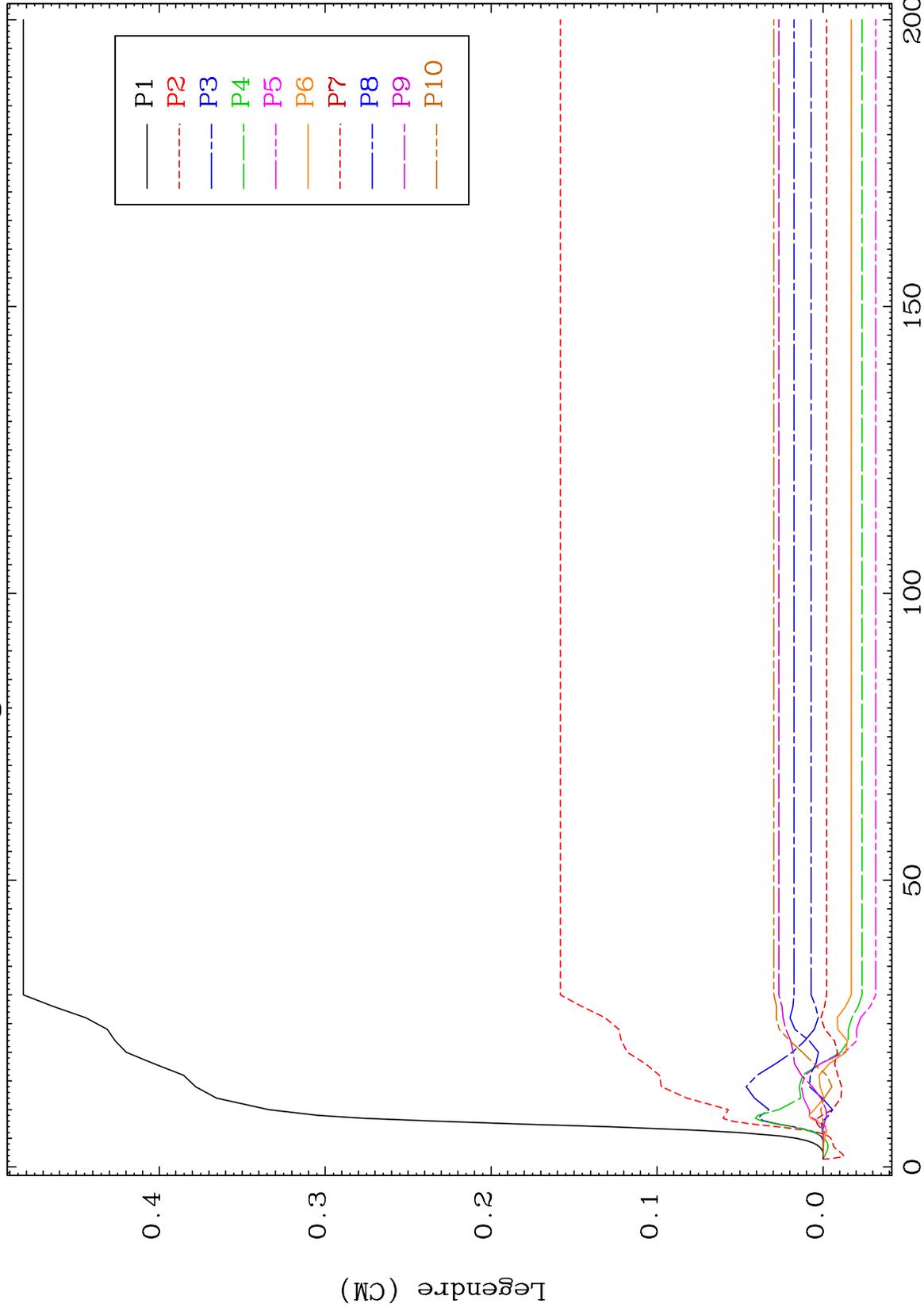
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



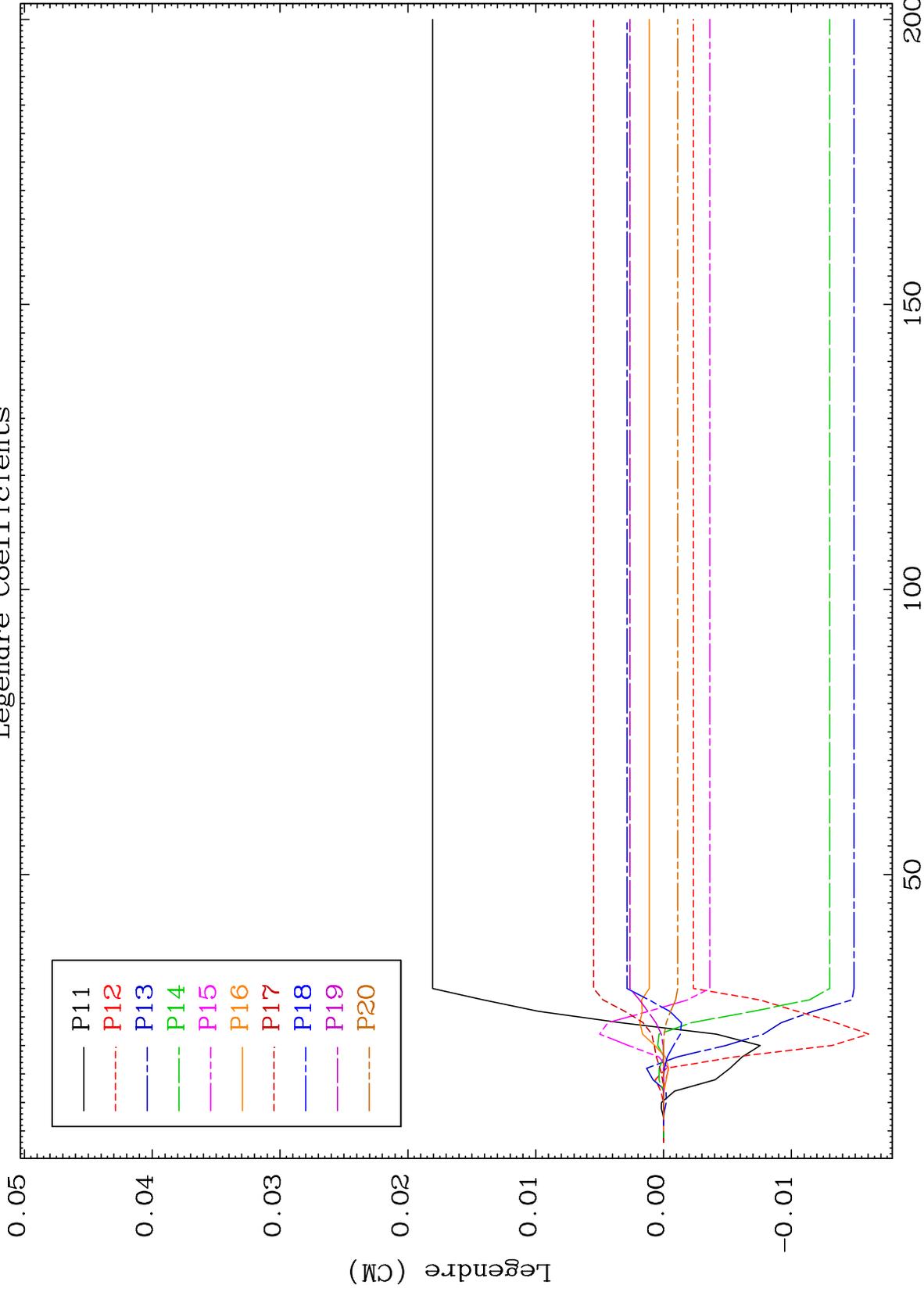
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83-Bi-211

MAT 8331

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

83-Bi-211



117

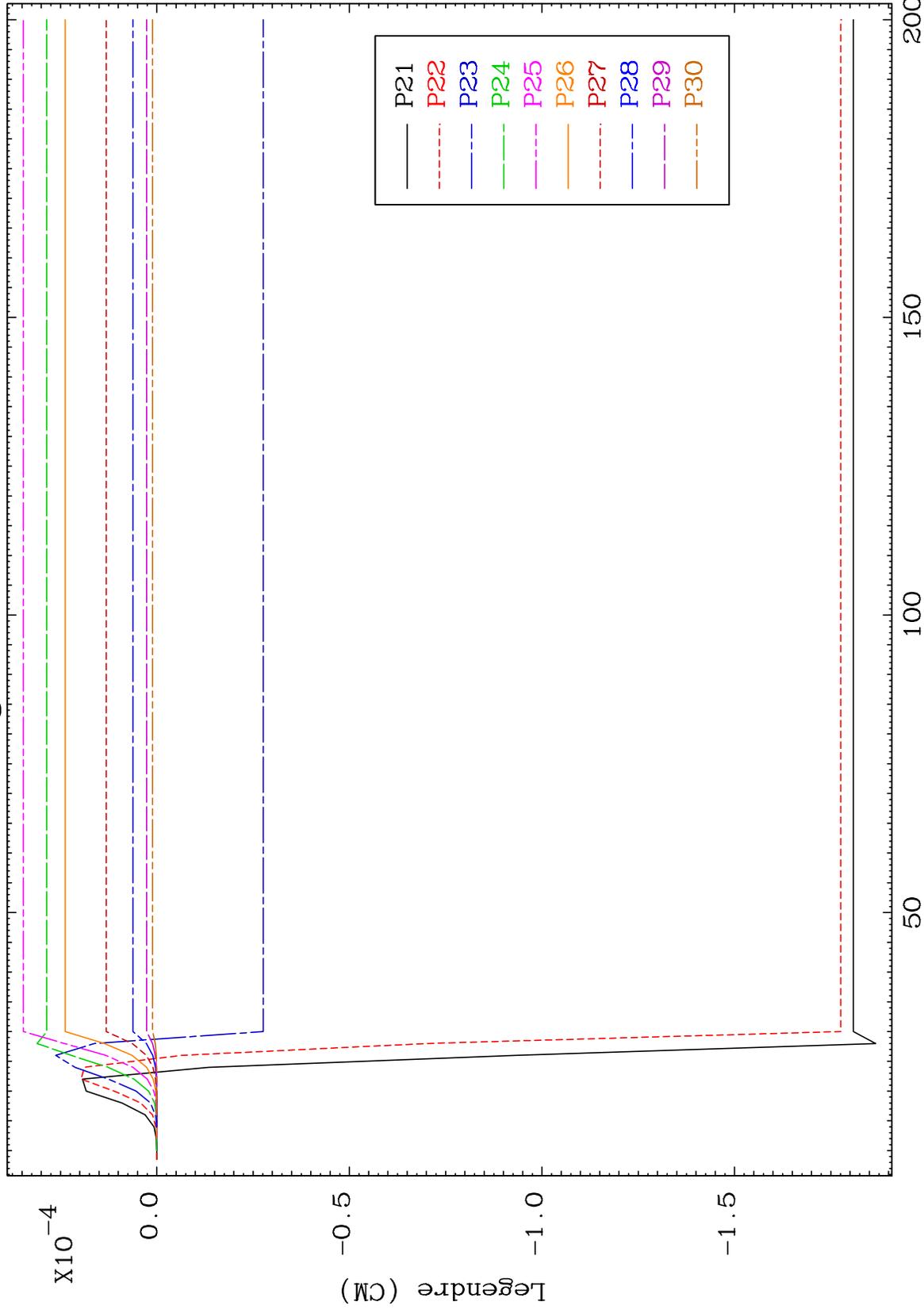
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



118

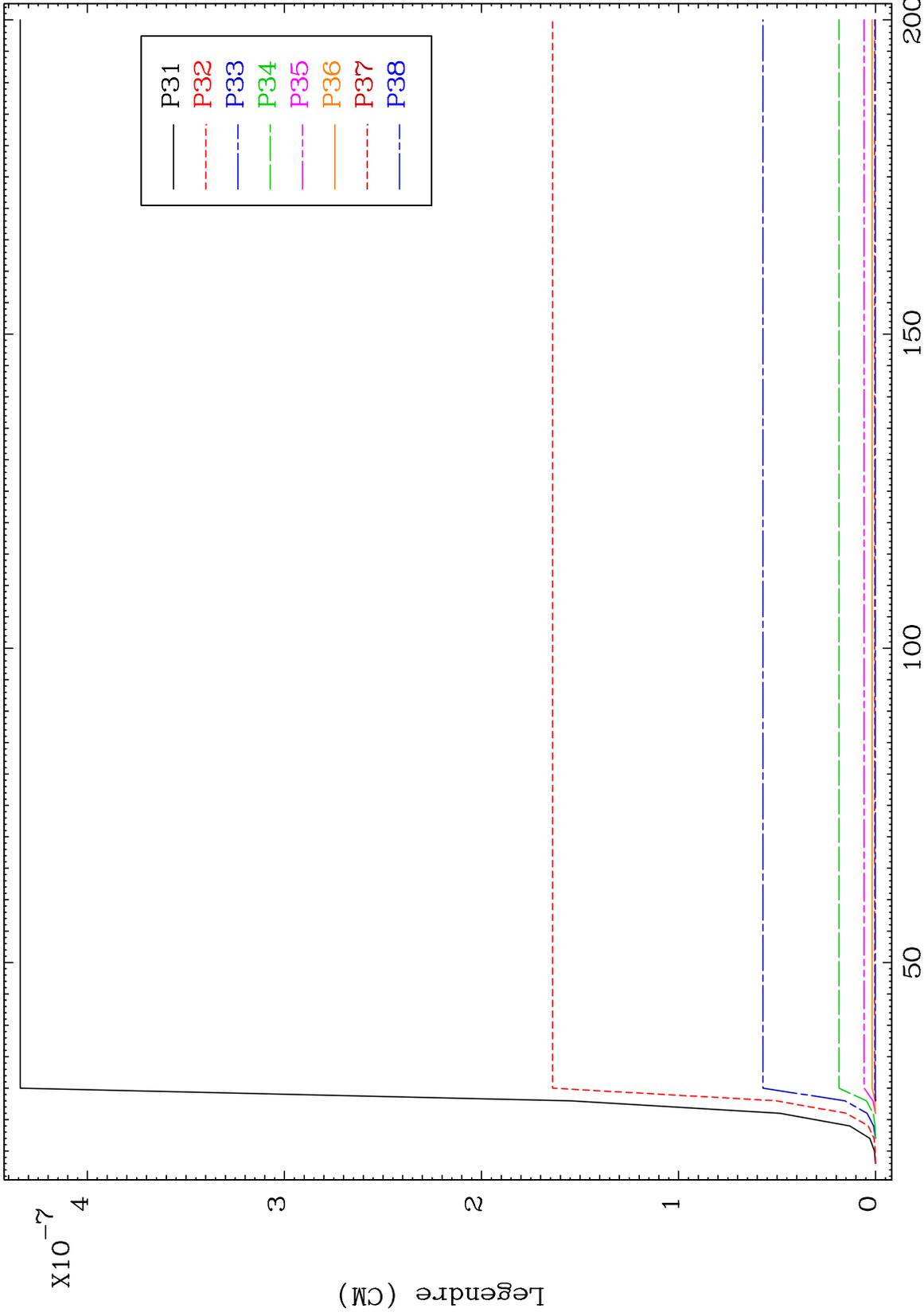
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



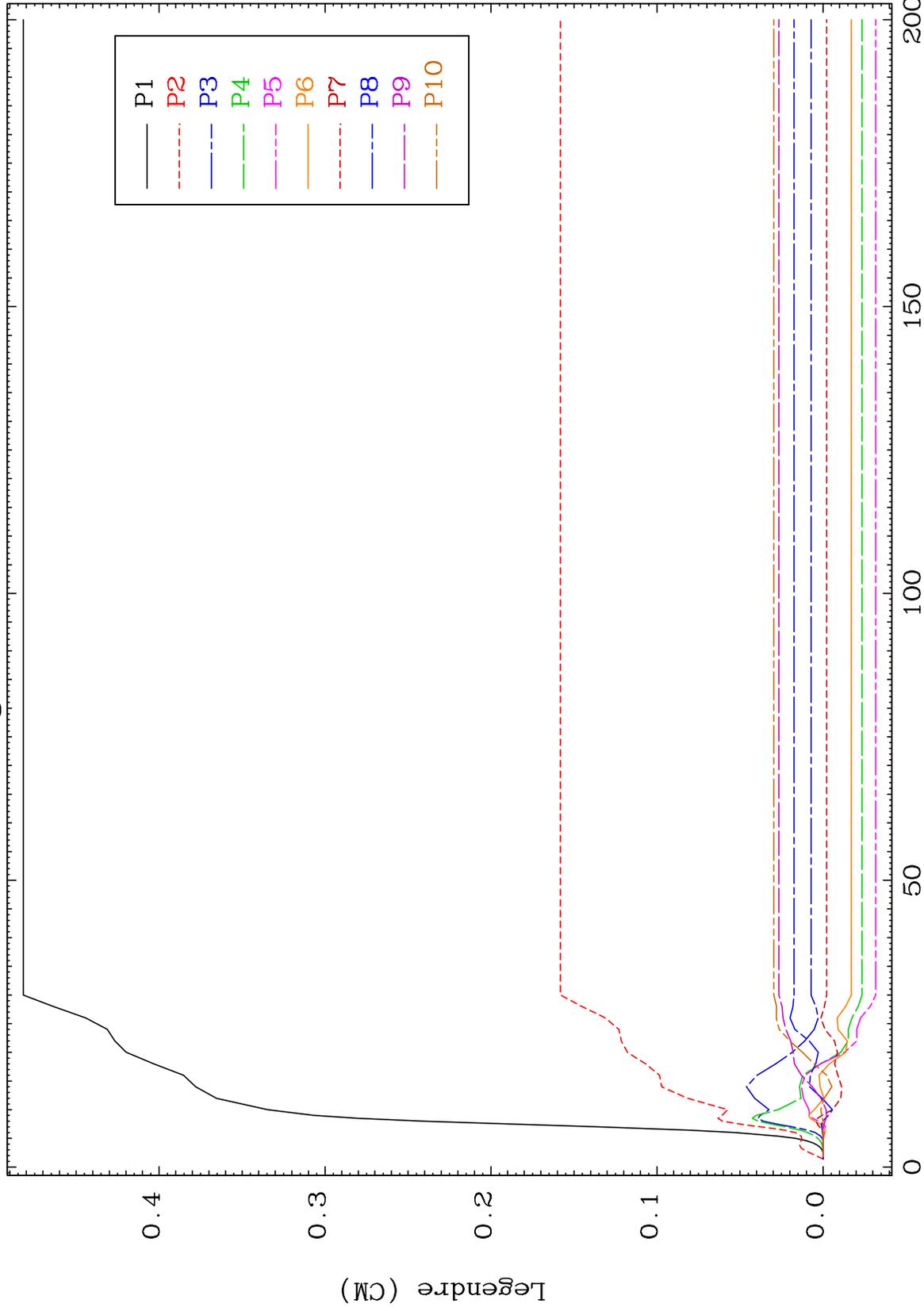
119

83-Bi-211

MAT 8331

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

83-Bi-211



83-Bi-211

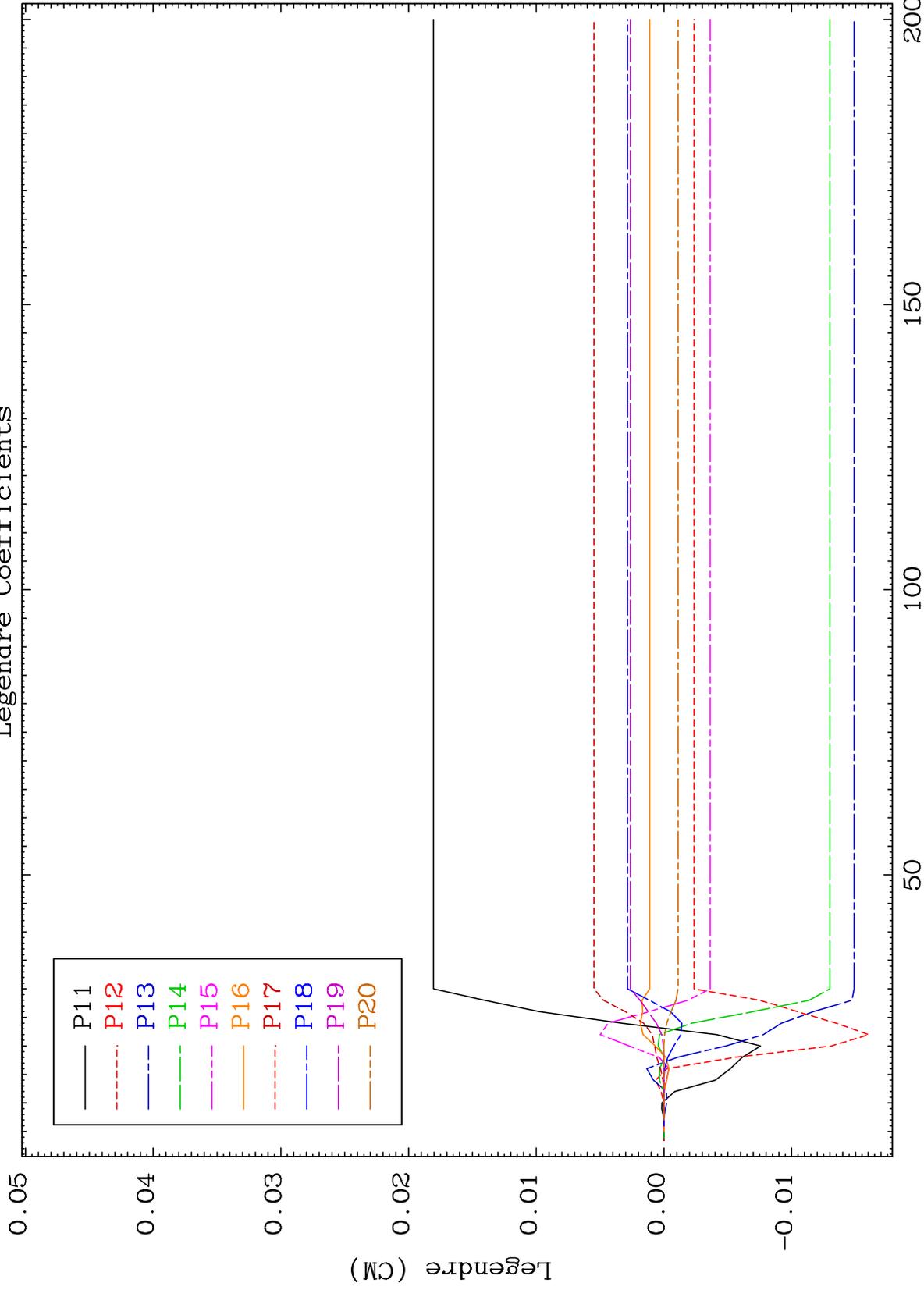
Incident Energy (MeV)

120

MAT 8331

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

83-Bi-211



121

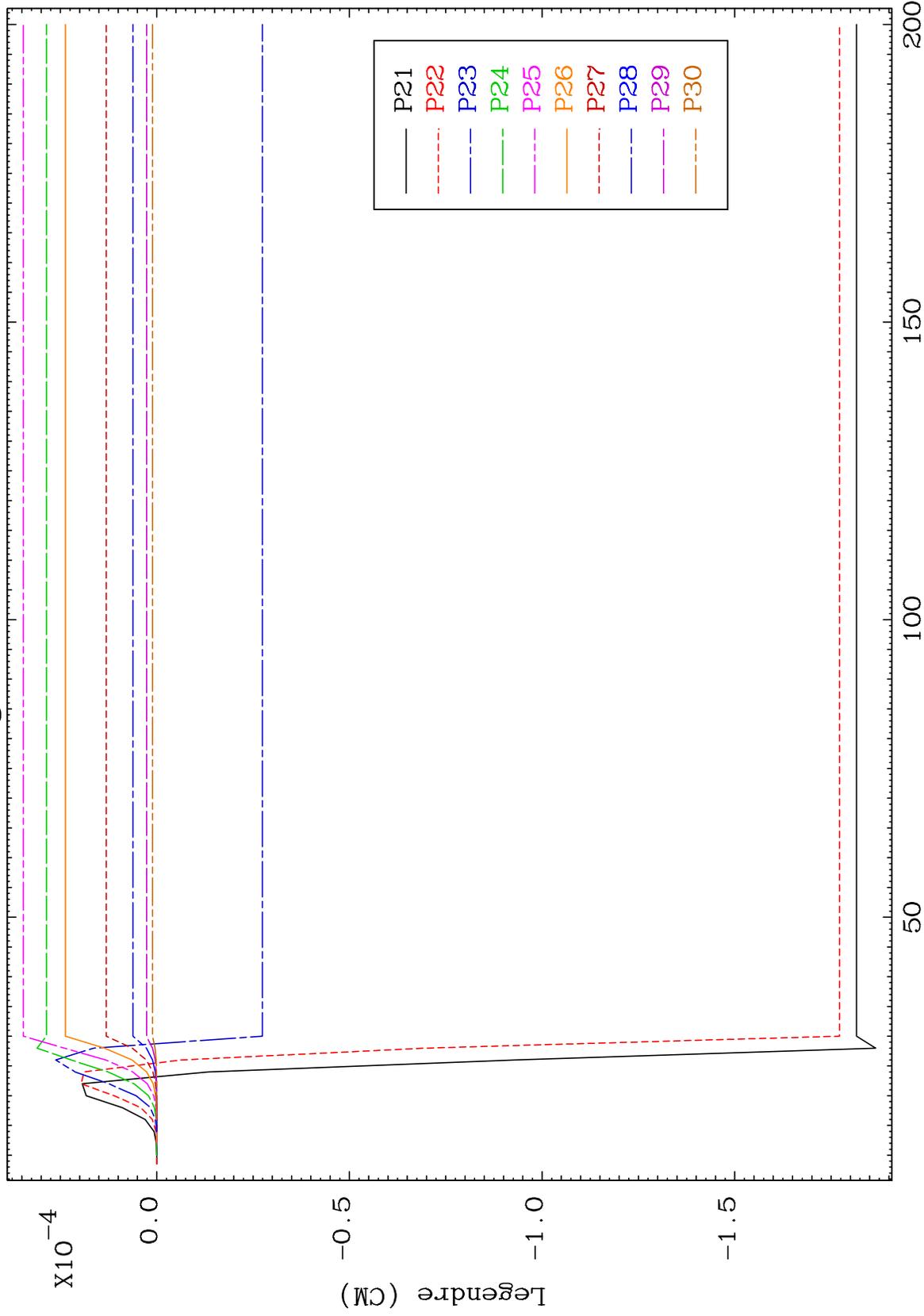
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



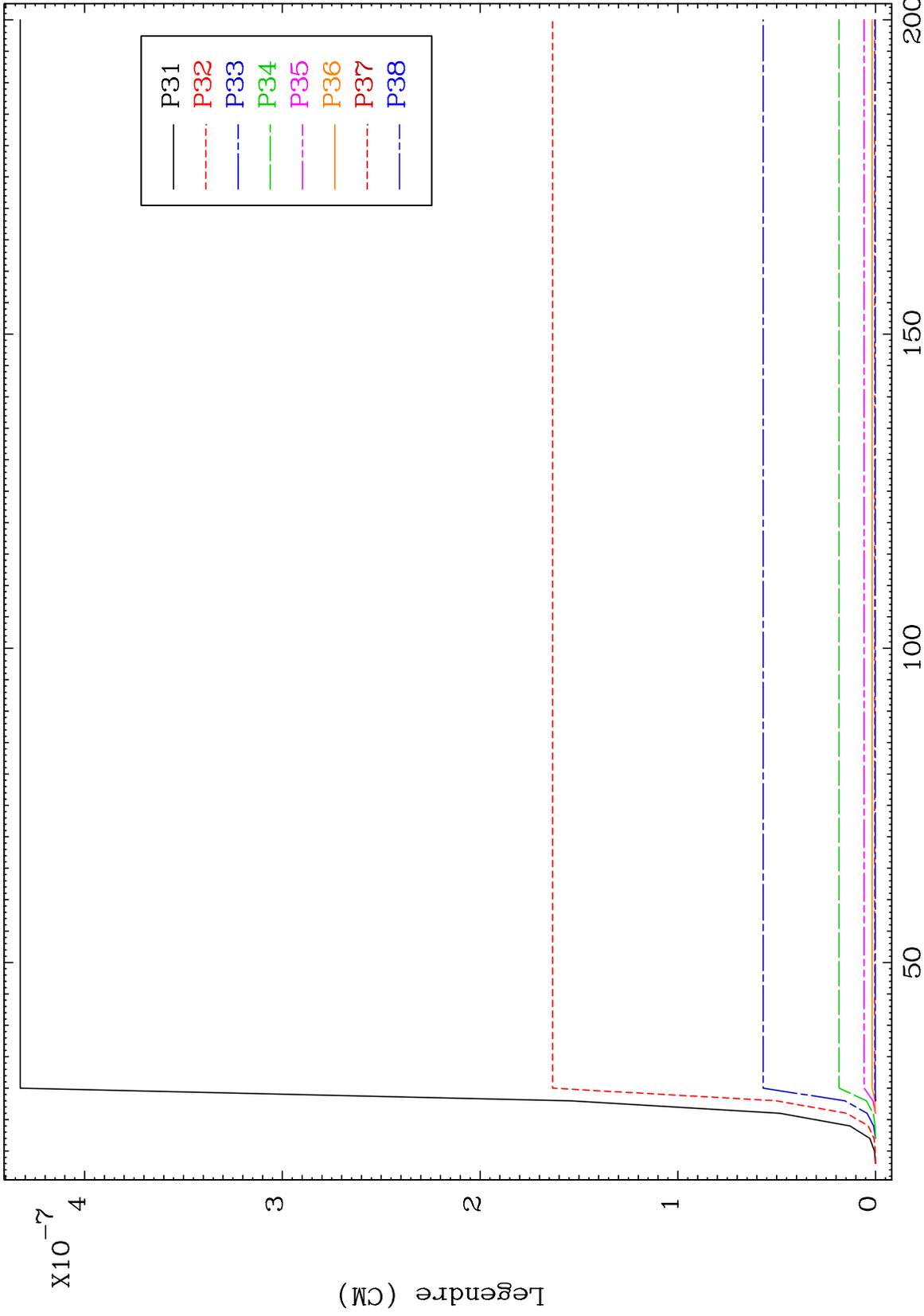
122

83-Bi-211

MAT 8331

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

83-Bi-211



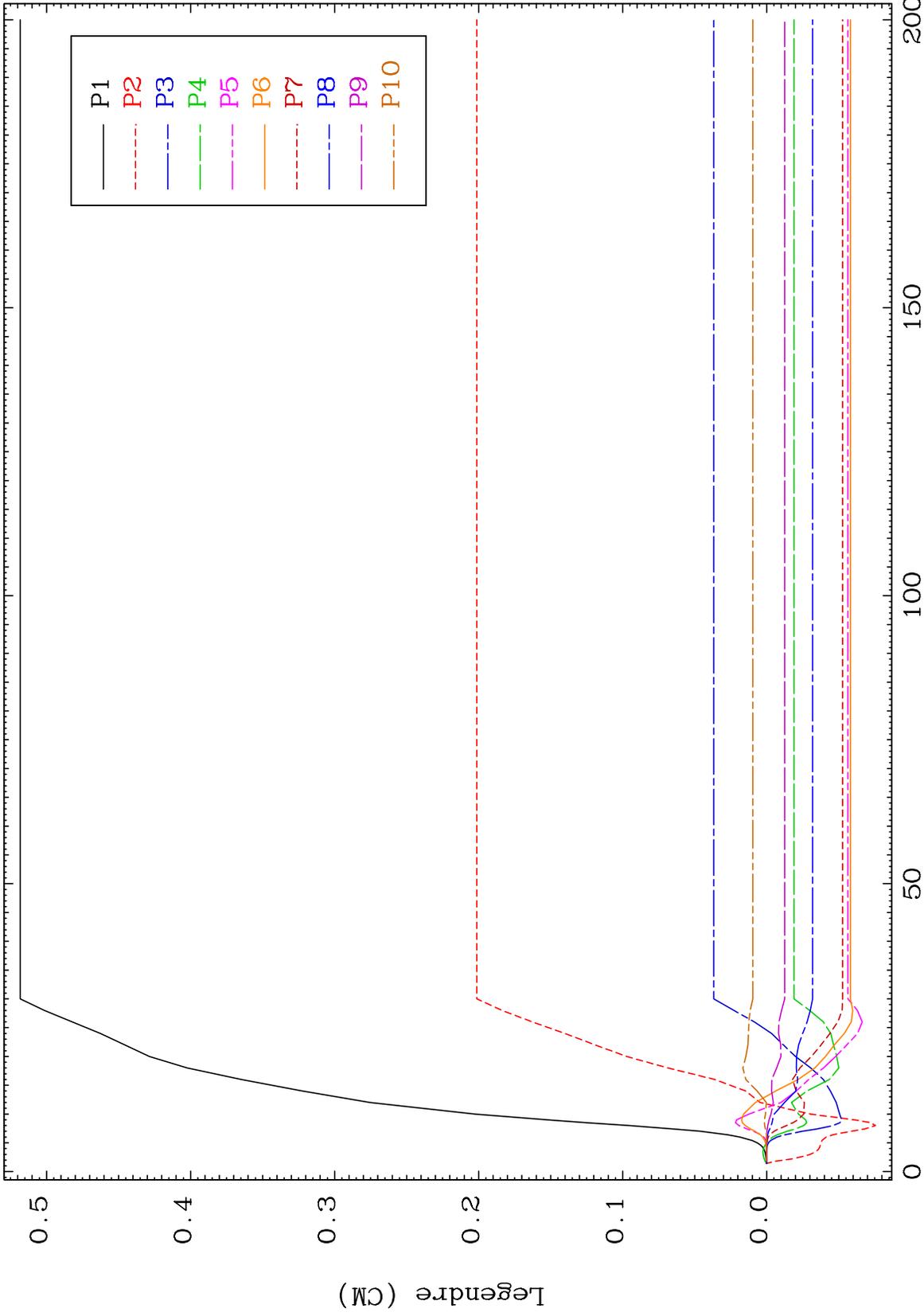
123

83-Bi-211

MAT 8331

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

83-Bi-211



124

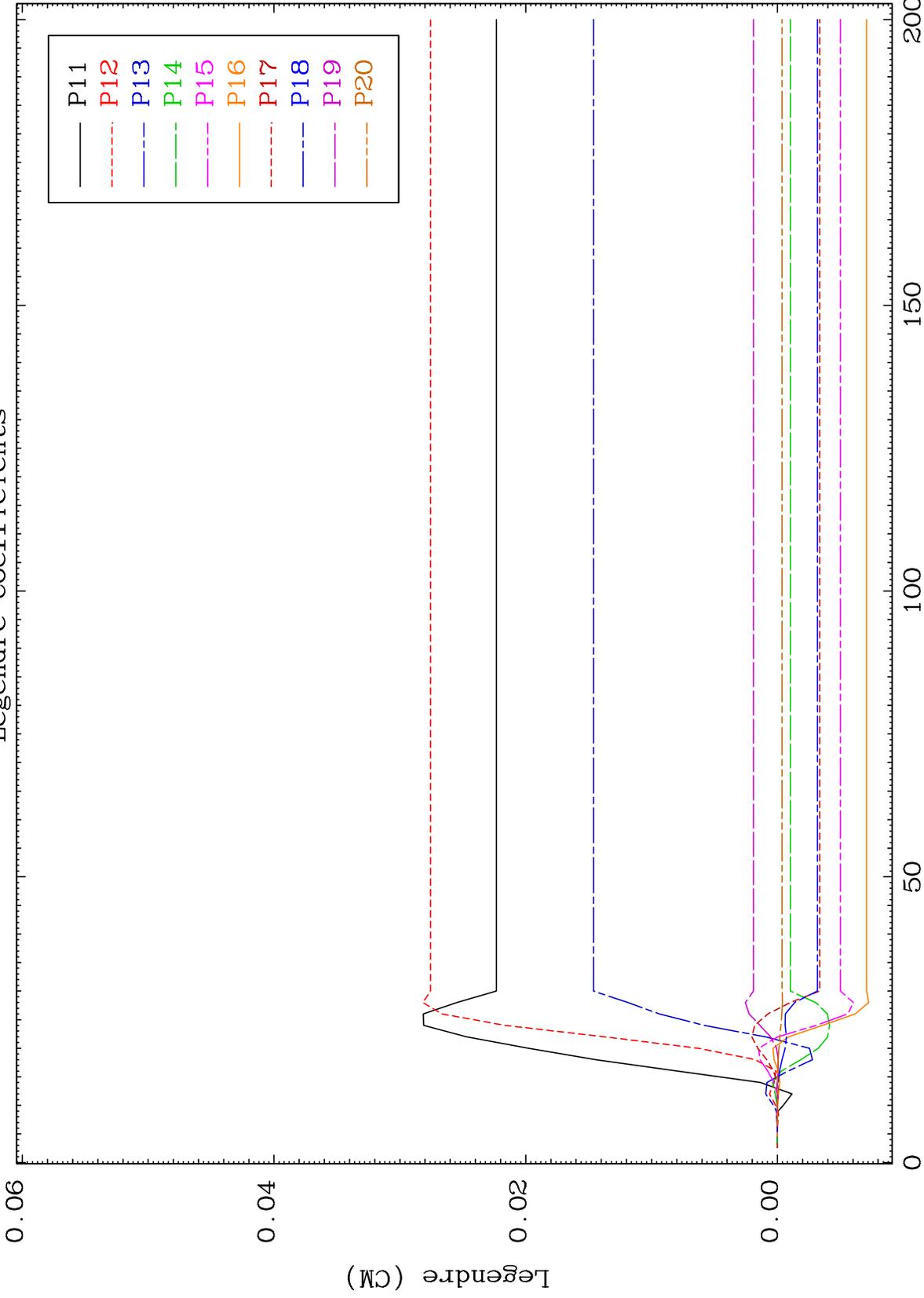
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



125

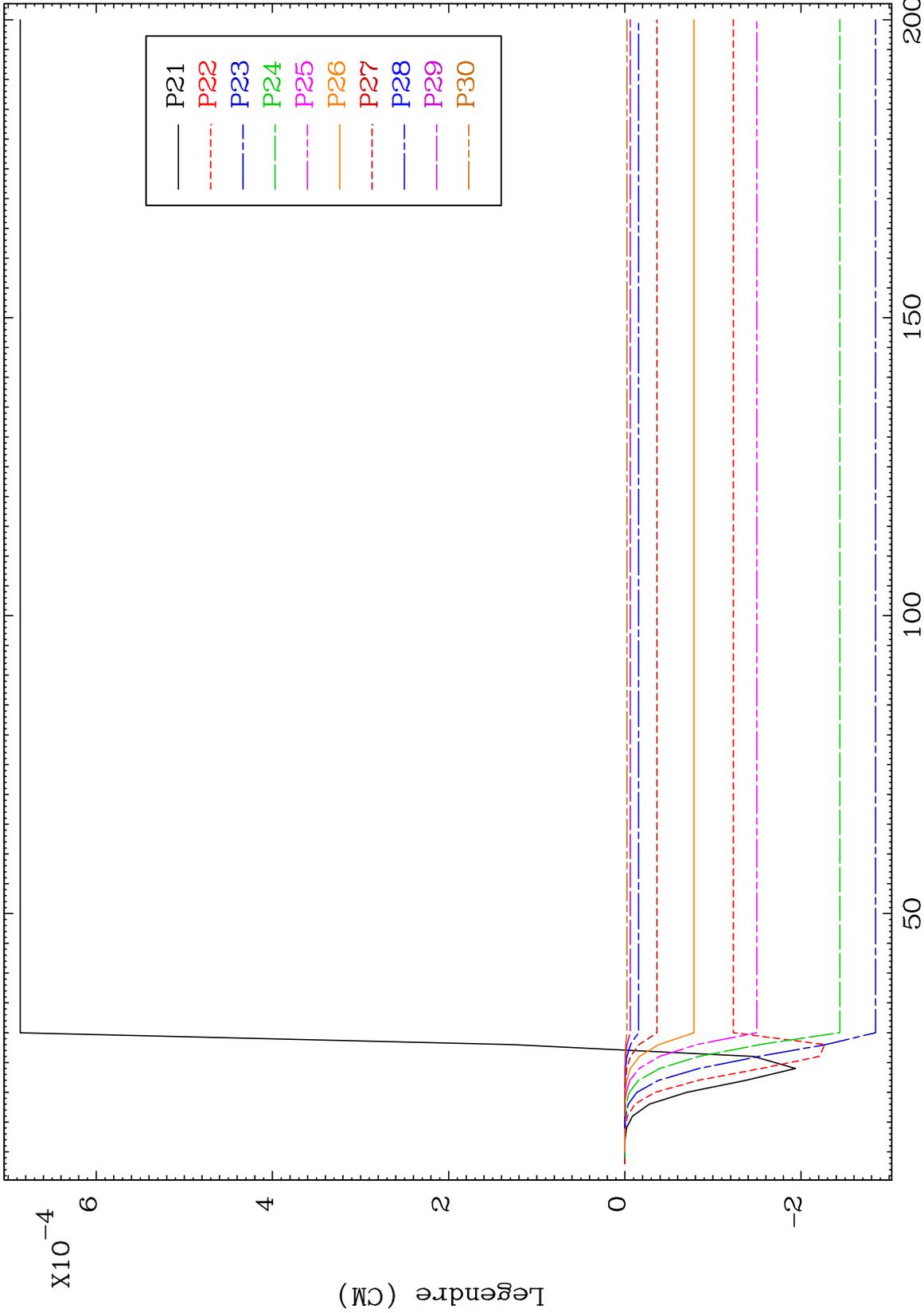
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



126

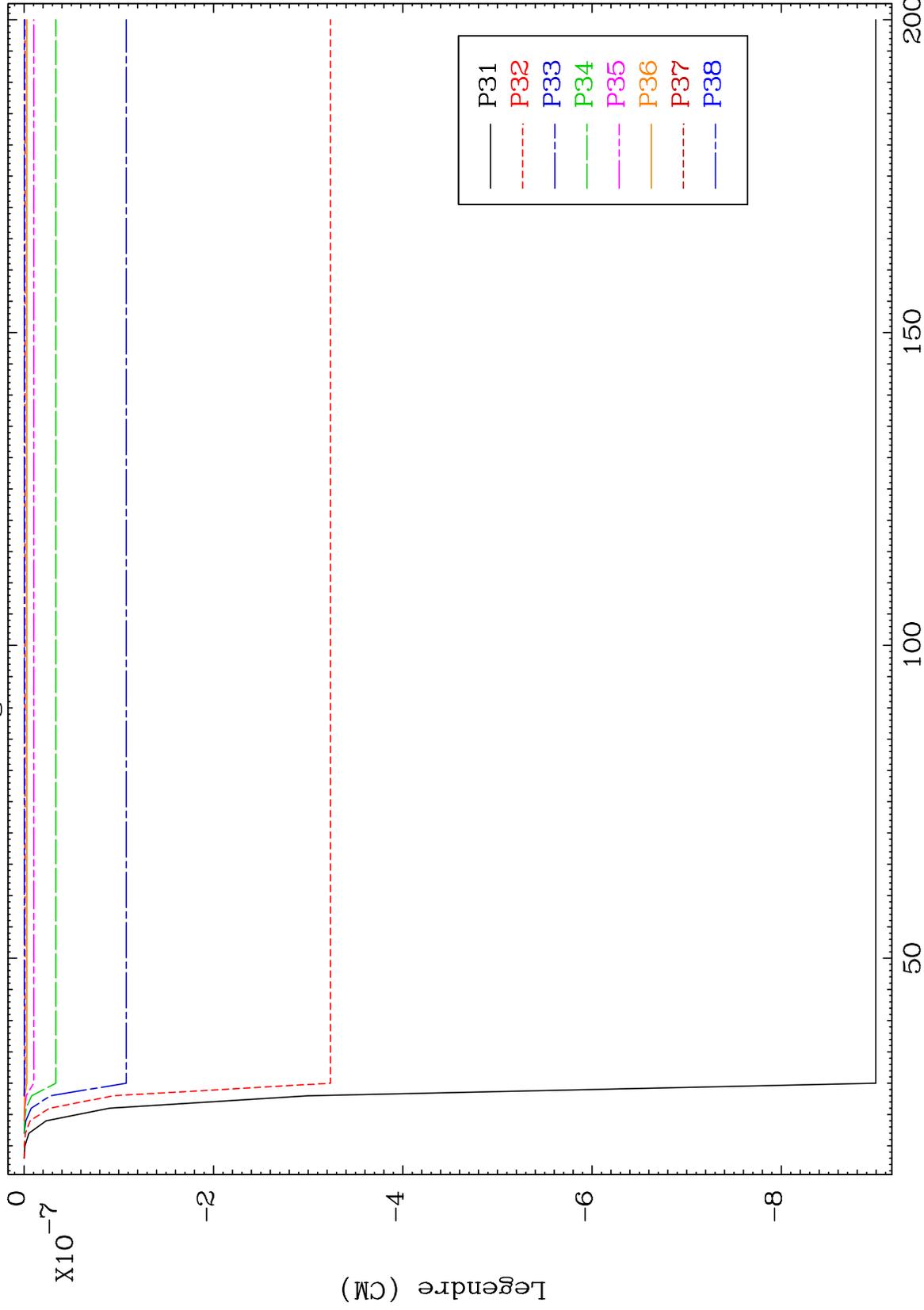
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



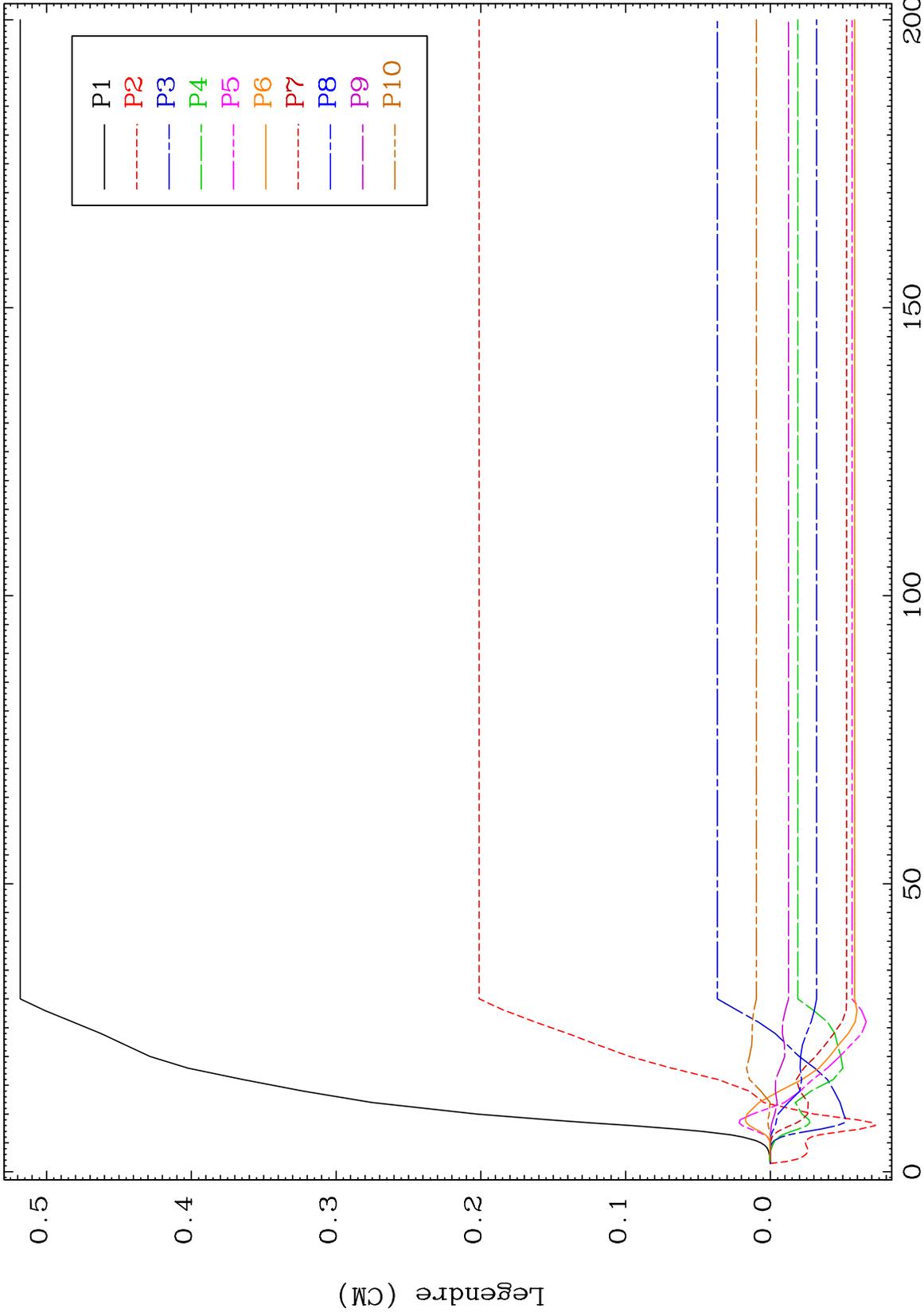
127

83-Bi-211

MAT 8331

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

83-Bi-211



128

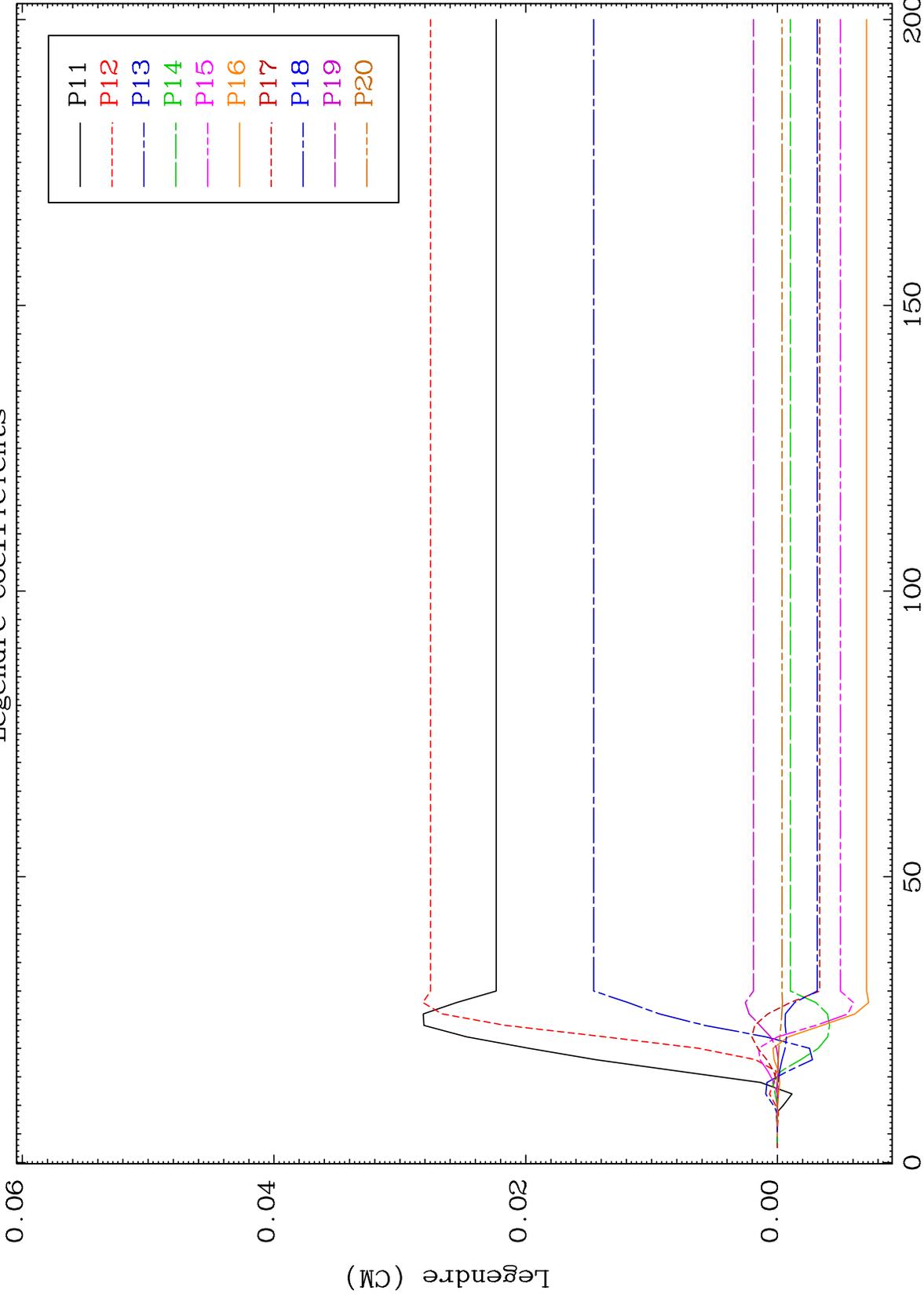
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



129

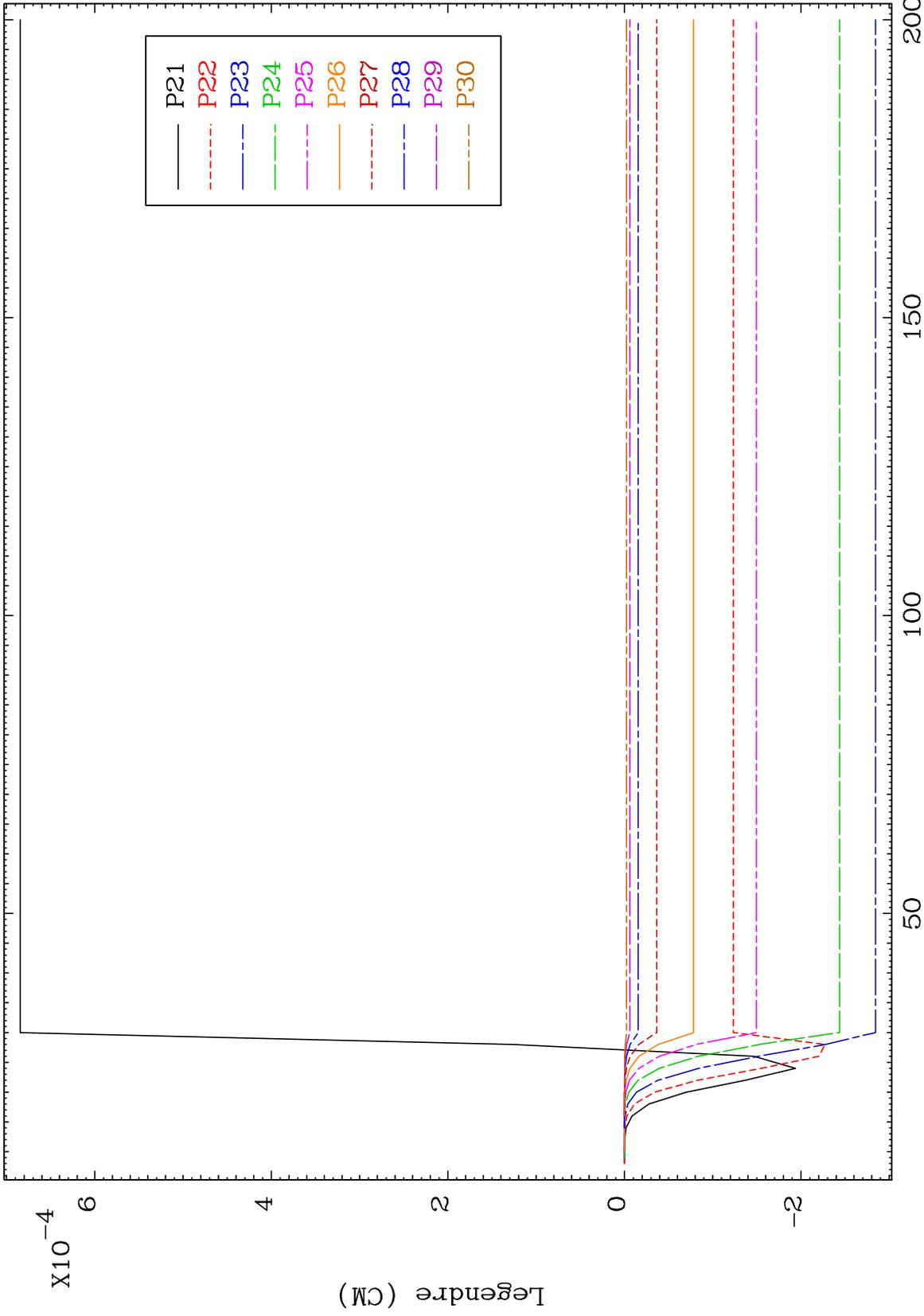
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211

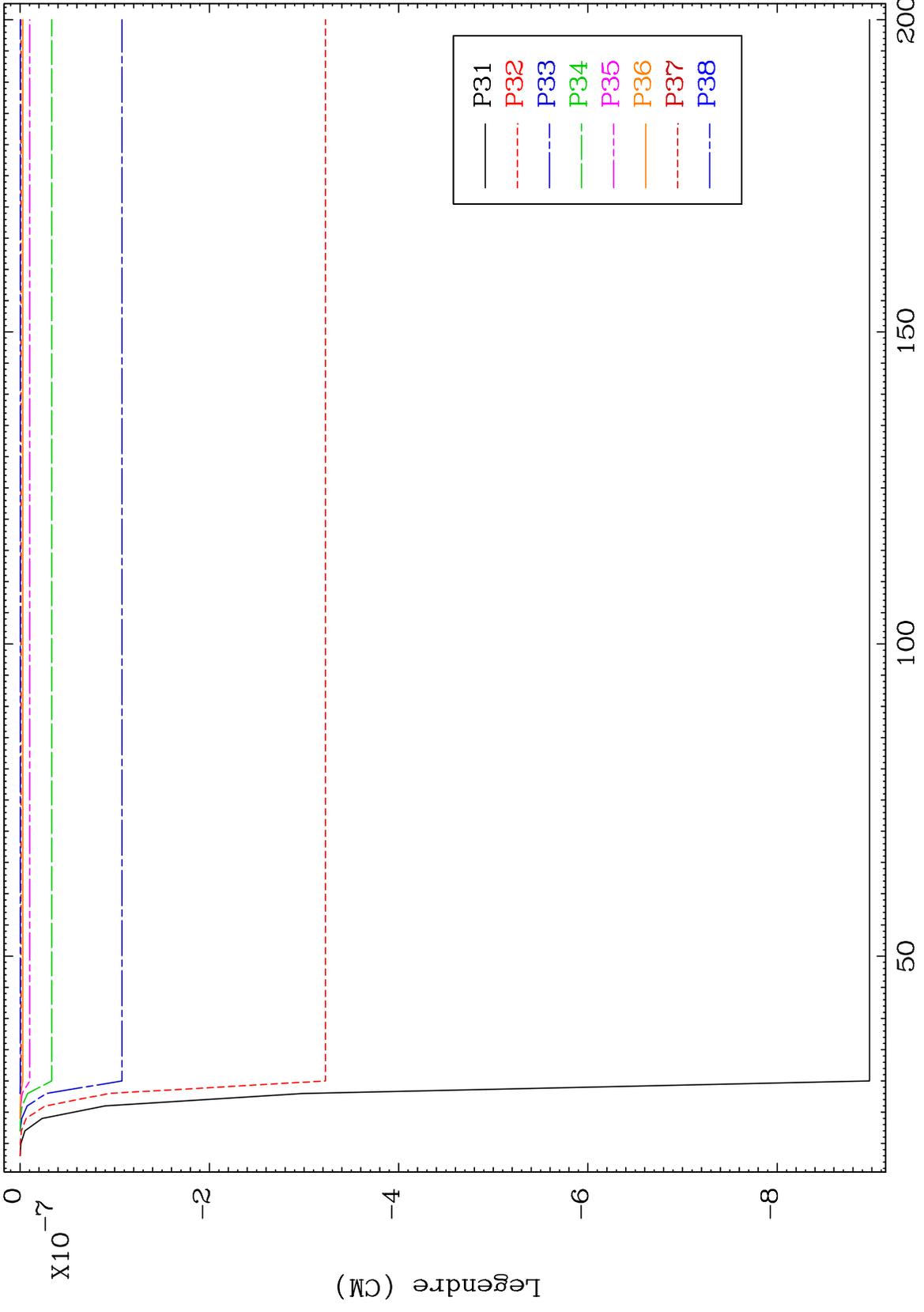


130

Incident Energy (MeV)

83-Bi-211

MAT 8331 MT= 78 (n,n') Level Legendre Coefficients 83-Bi-211

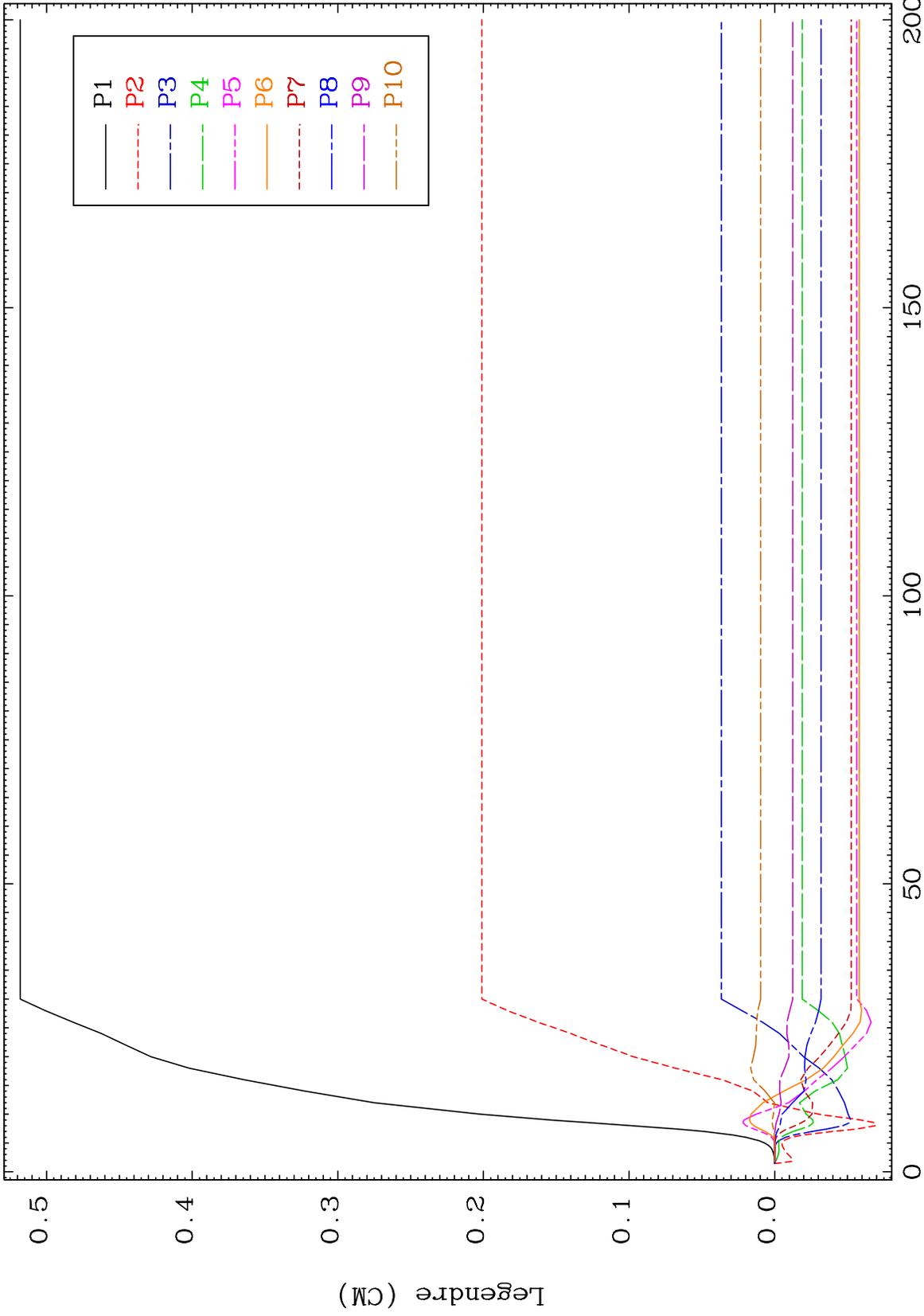


131 83-Bi-211

MAT 8331

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

83-Bi-211



132

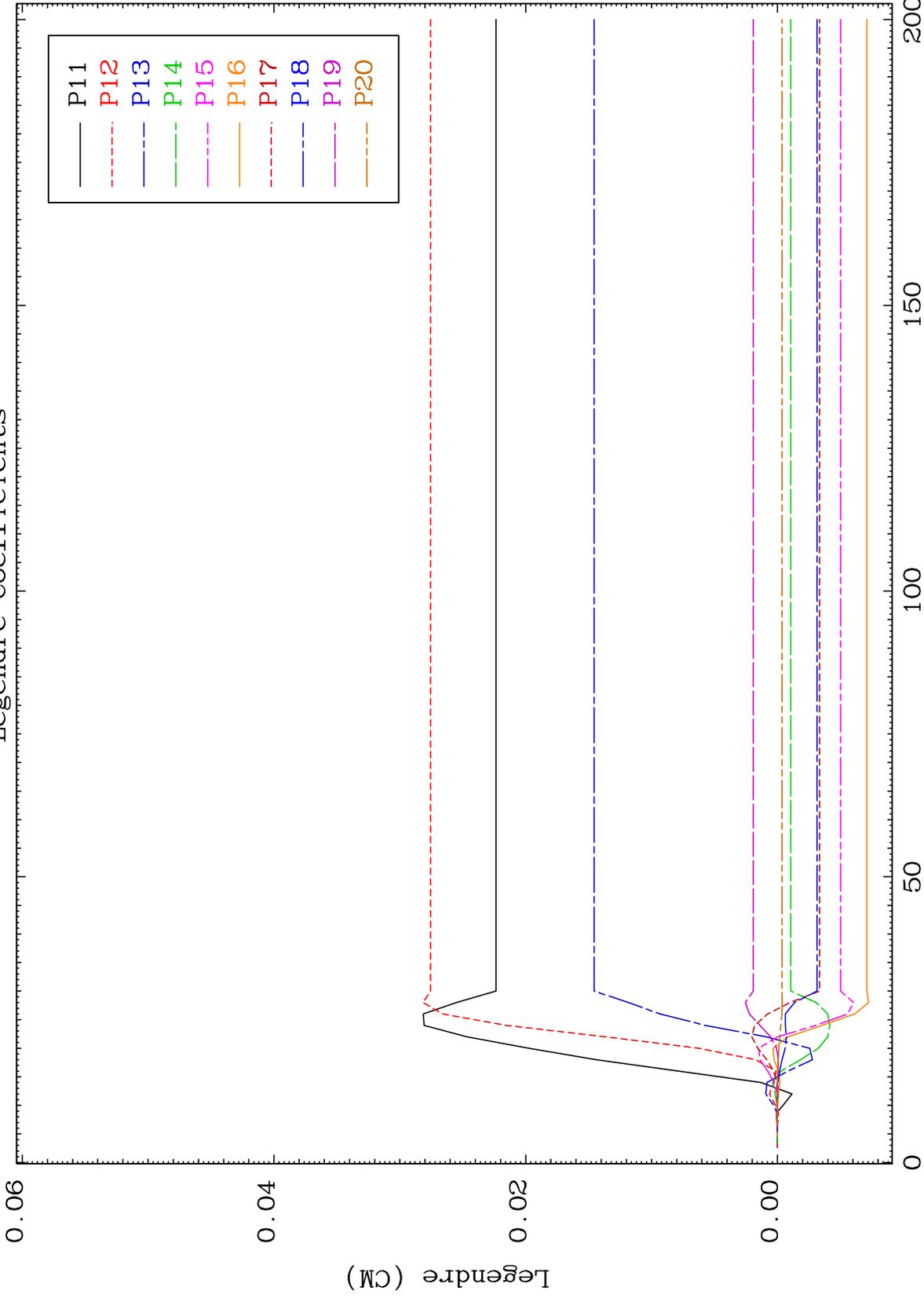
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



133

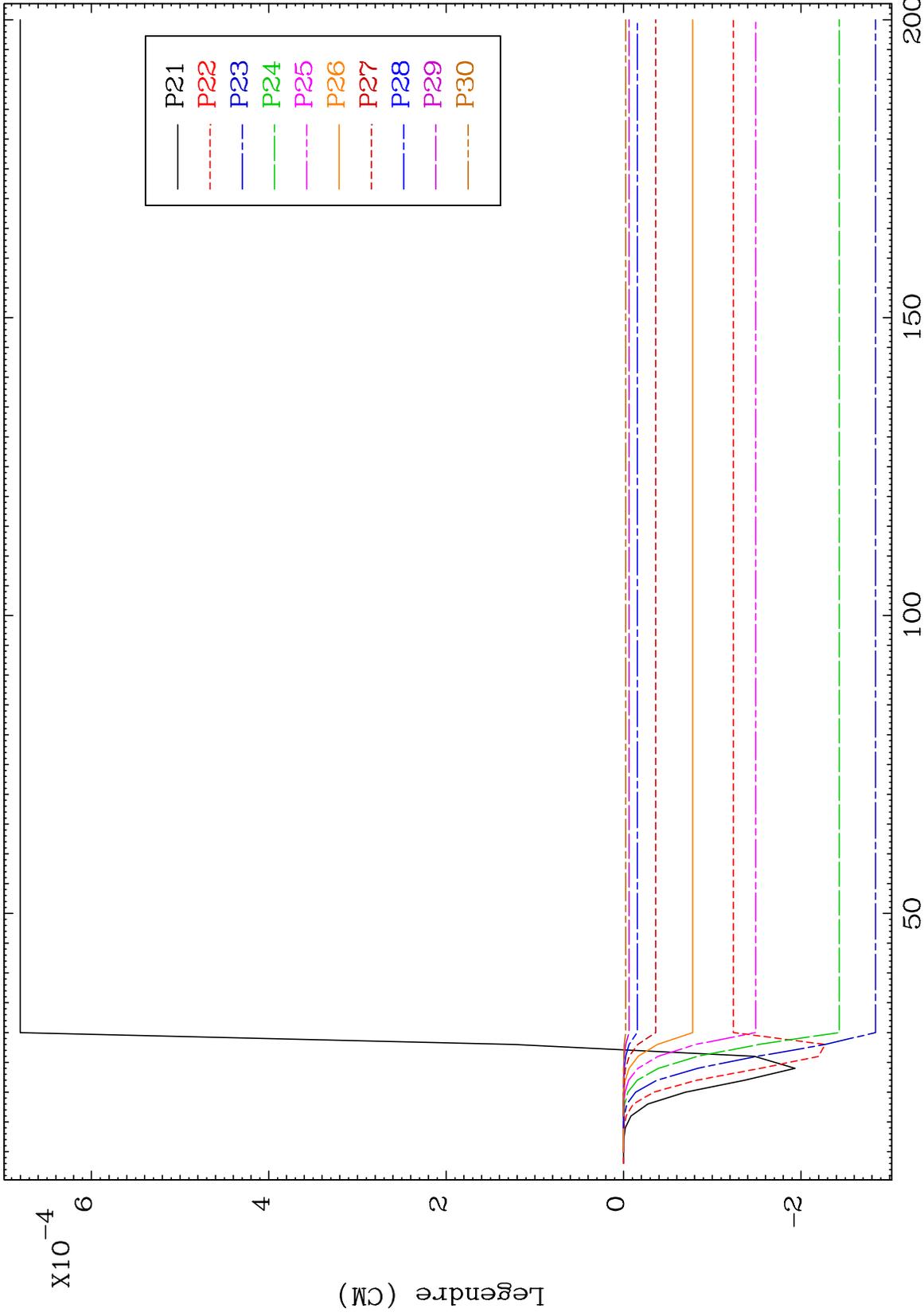
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

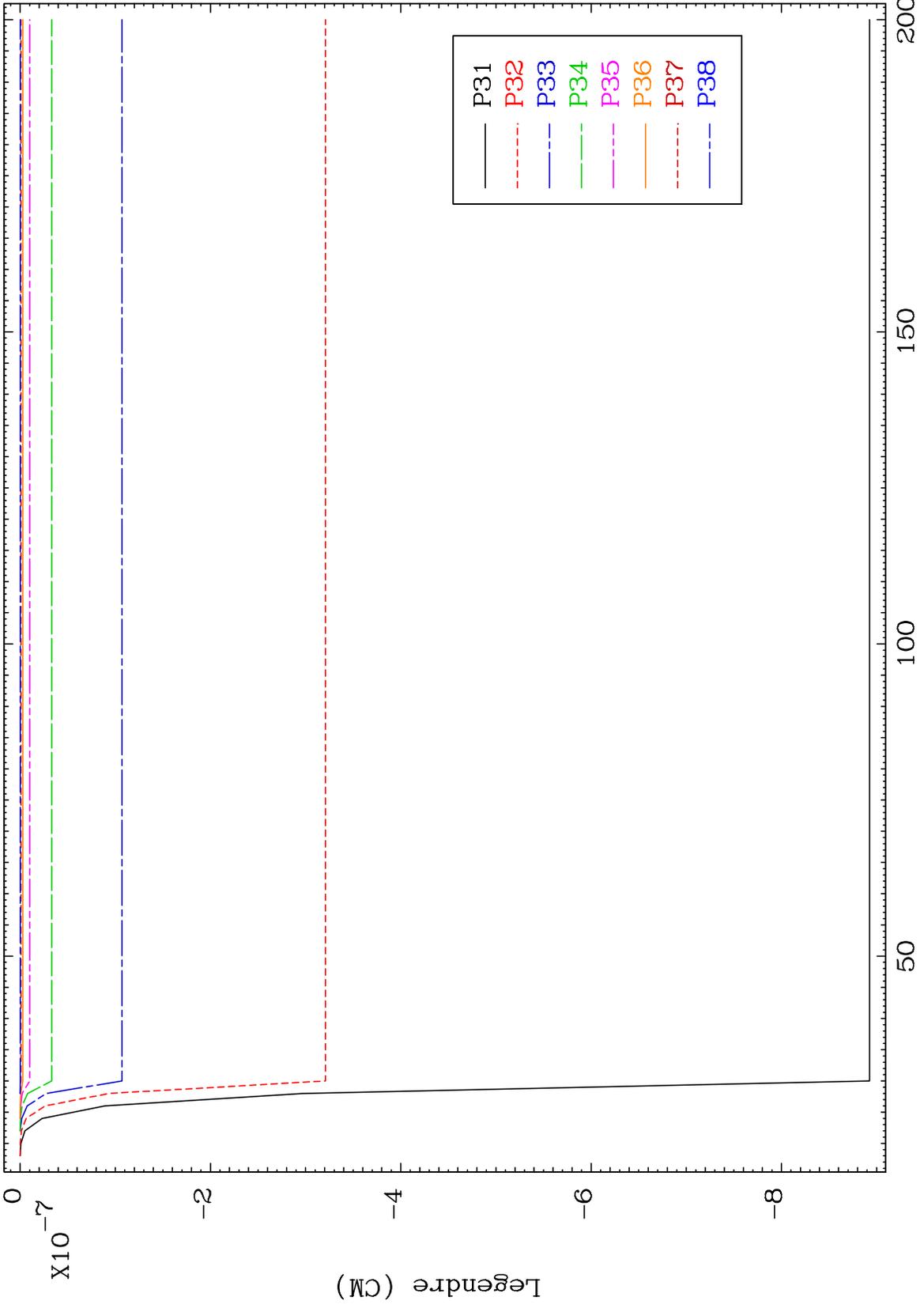
83-Bi-211



134

83-Bi-211

MAT 8331 MT= 79 (n,n') Level Legendre Coefficients 83-Bi-211

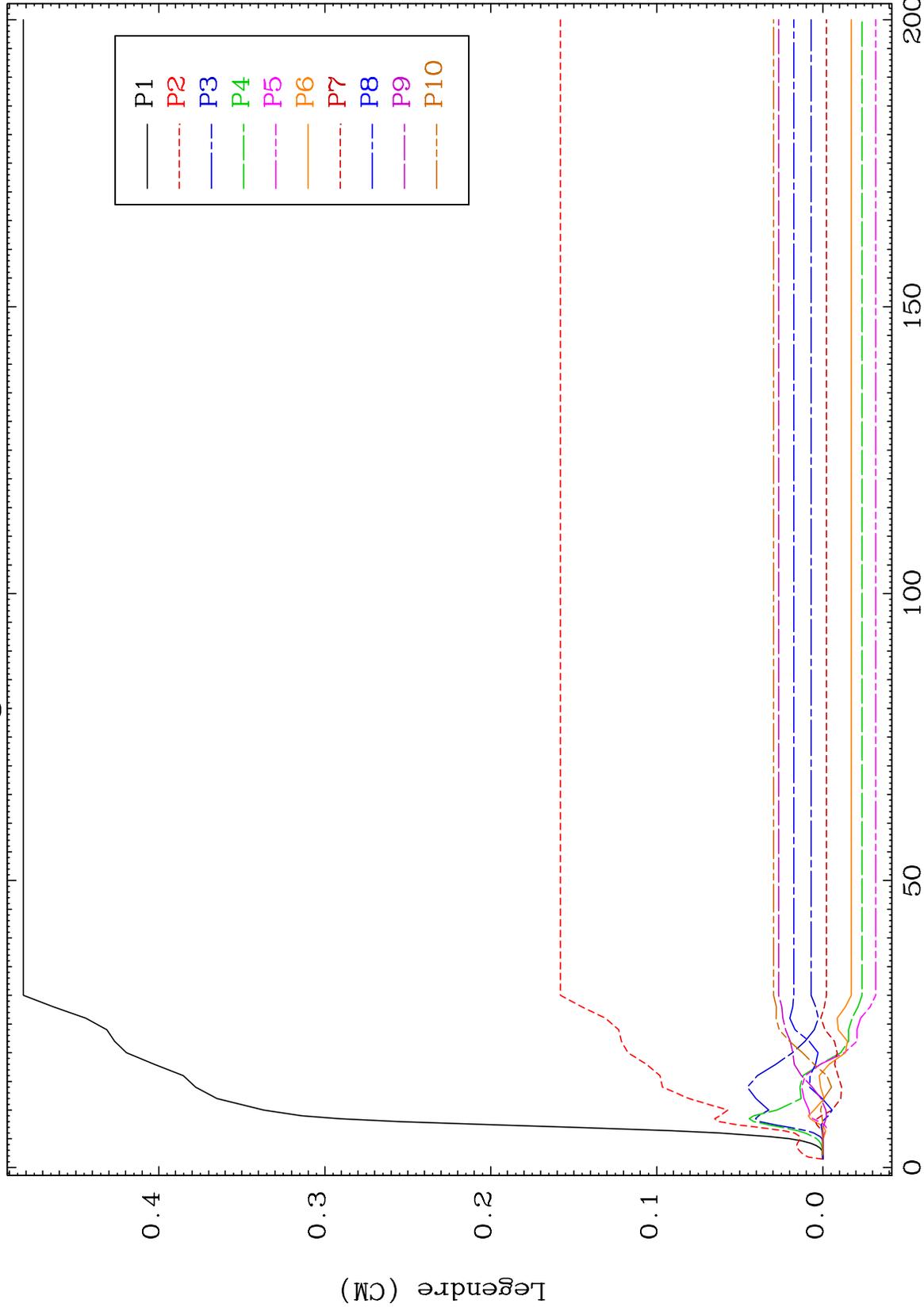


135 83-Bi-211

MAT 8331

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

83-Bi-211



136

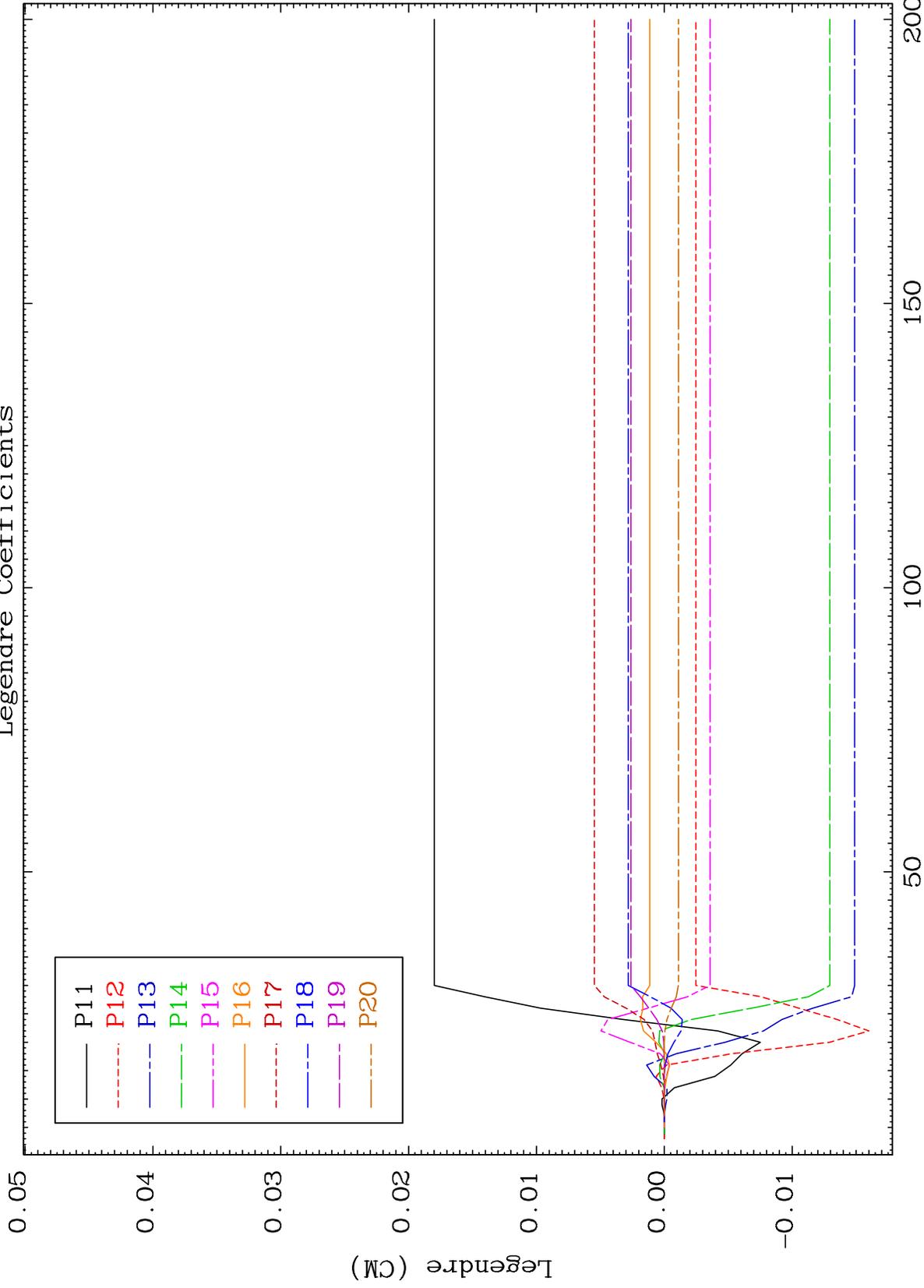
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



137

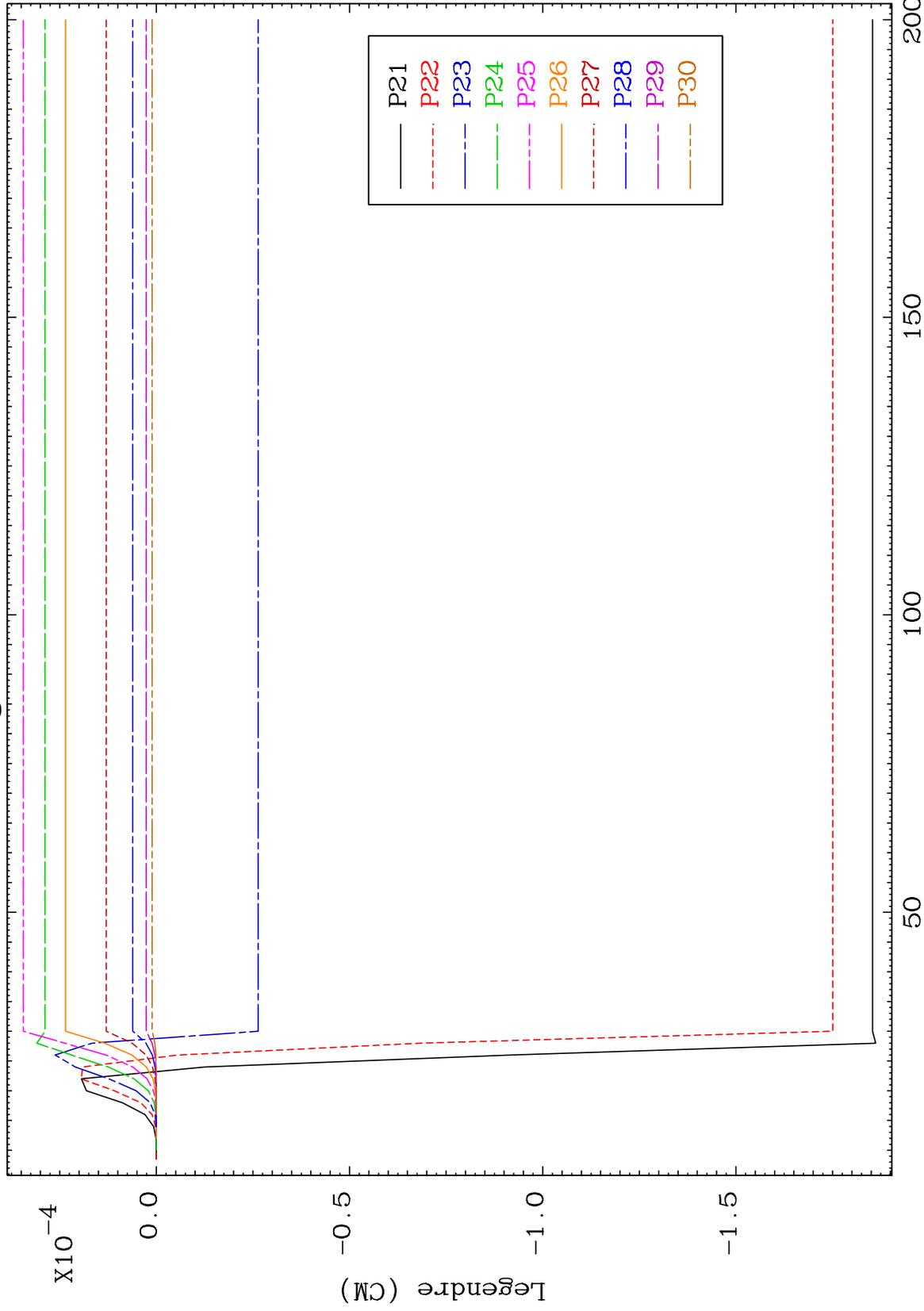
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



138

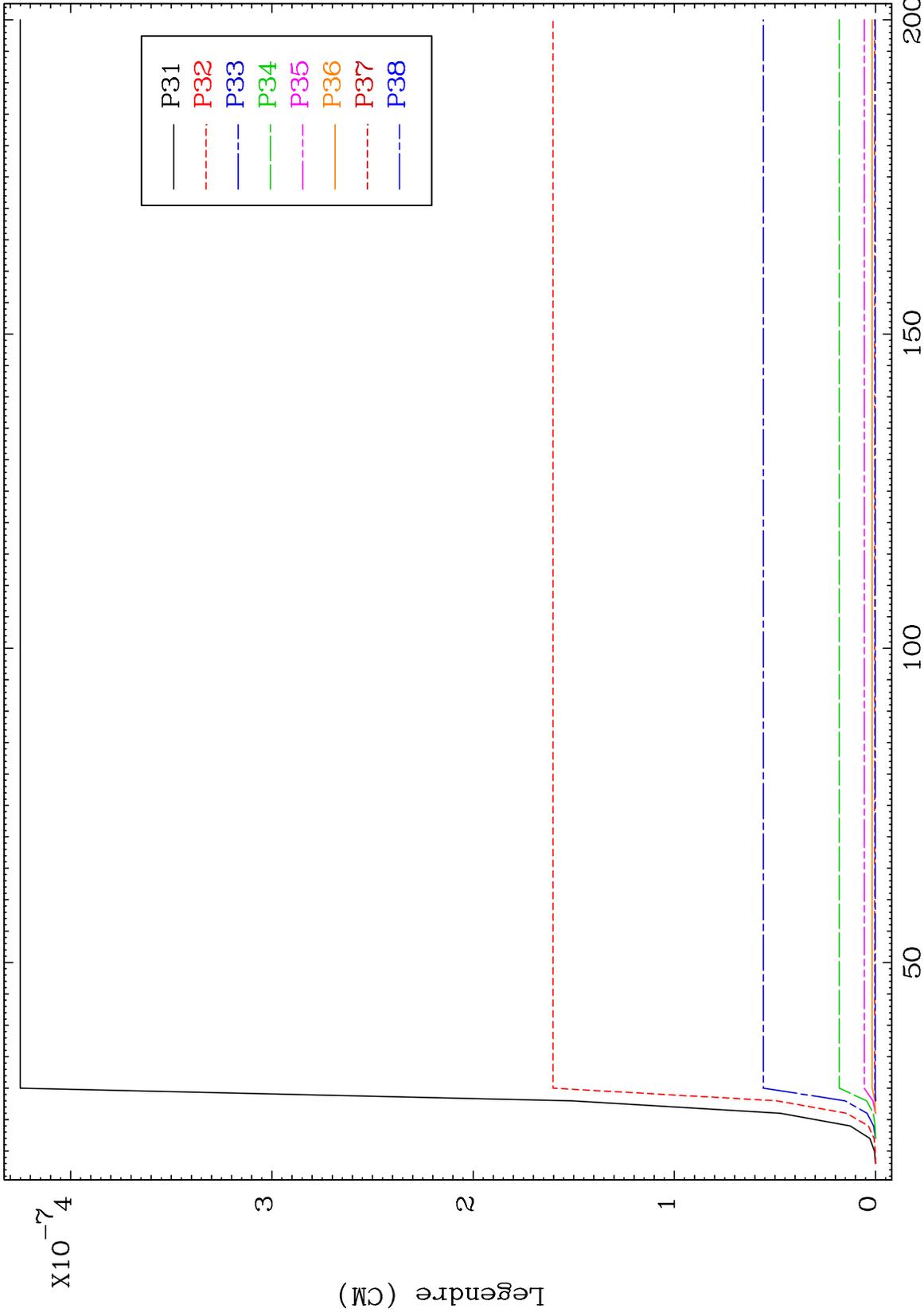
Incident Energy (MeV)

83-Bi-211

MAT 8331

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

83-Bi-211



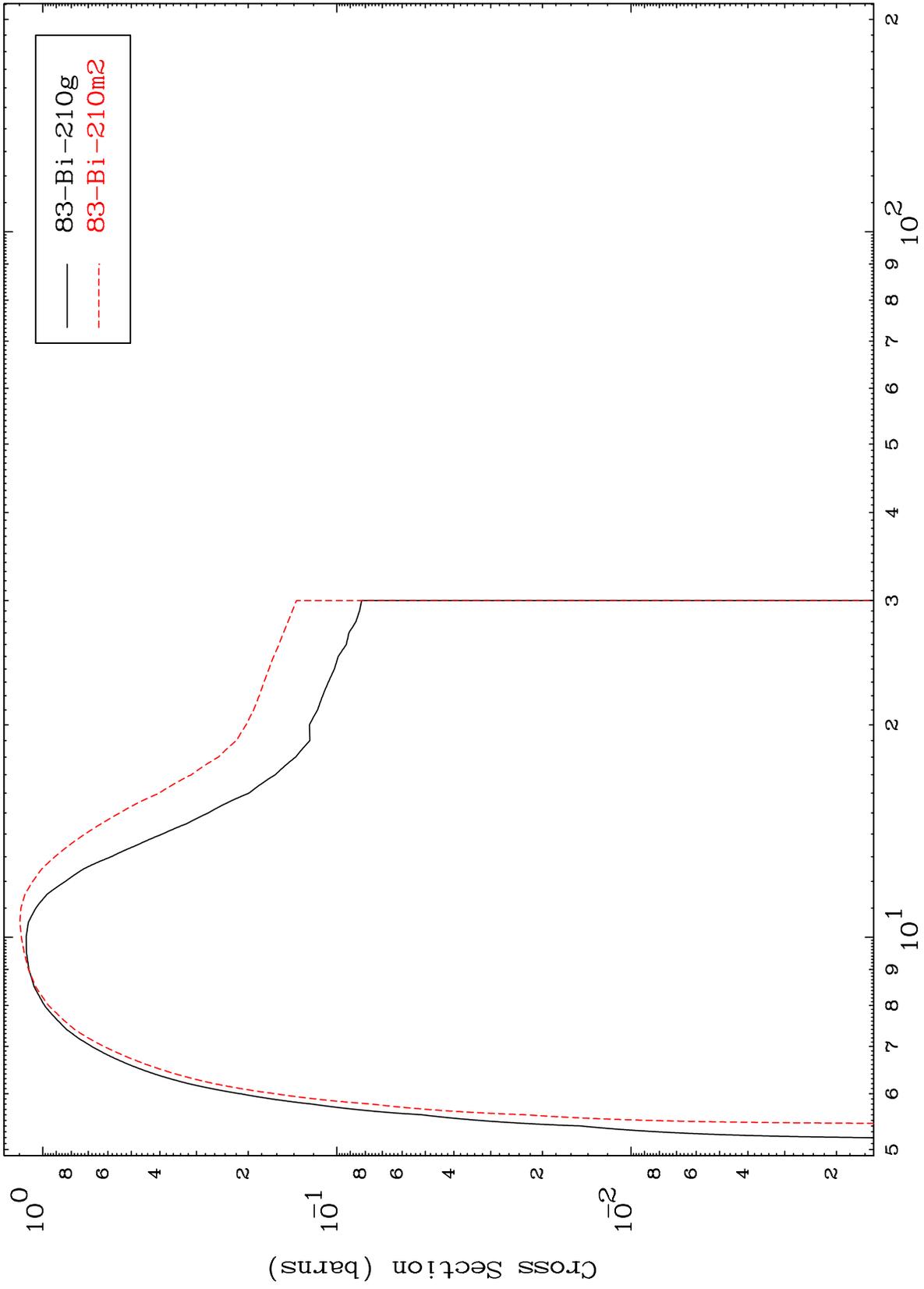
139

83-Bi-211

MAT 8331

83-Bi-211

(n,2n)  
Radionuclide Production Cross Section



140

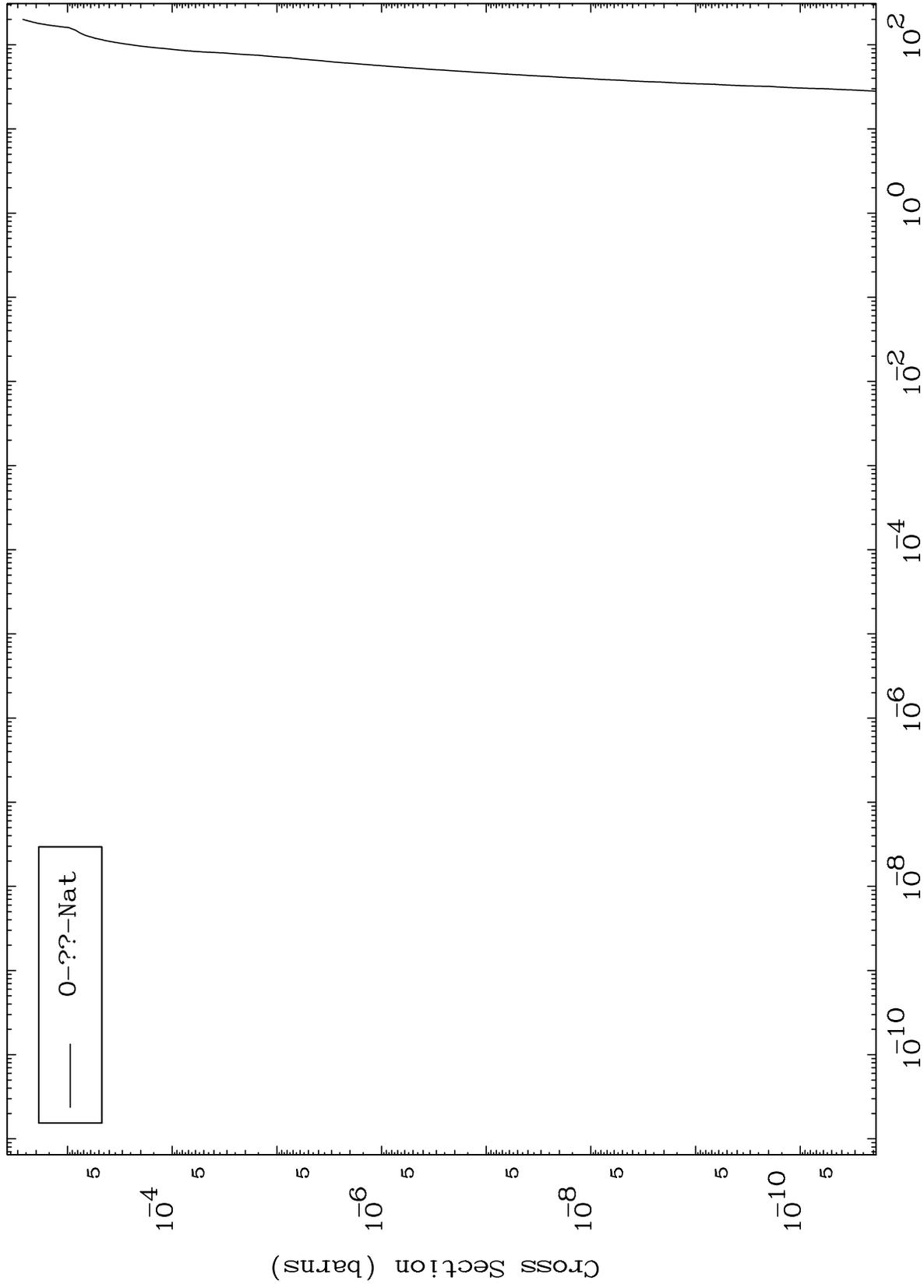
Incident Energy (MeV)

83-Bi-211

MAT 8331

Fission  
Radionuclide Production Cross Section

83-Bi-211



141

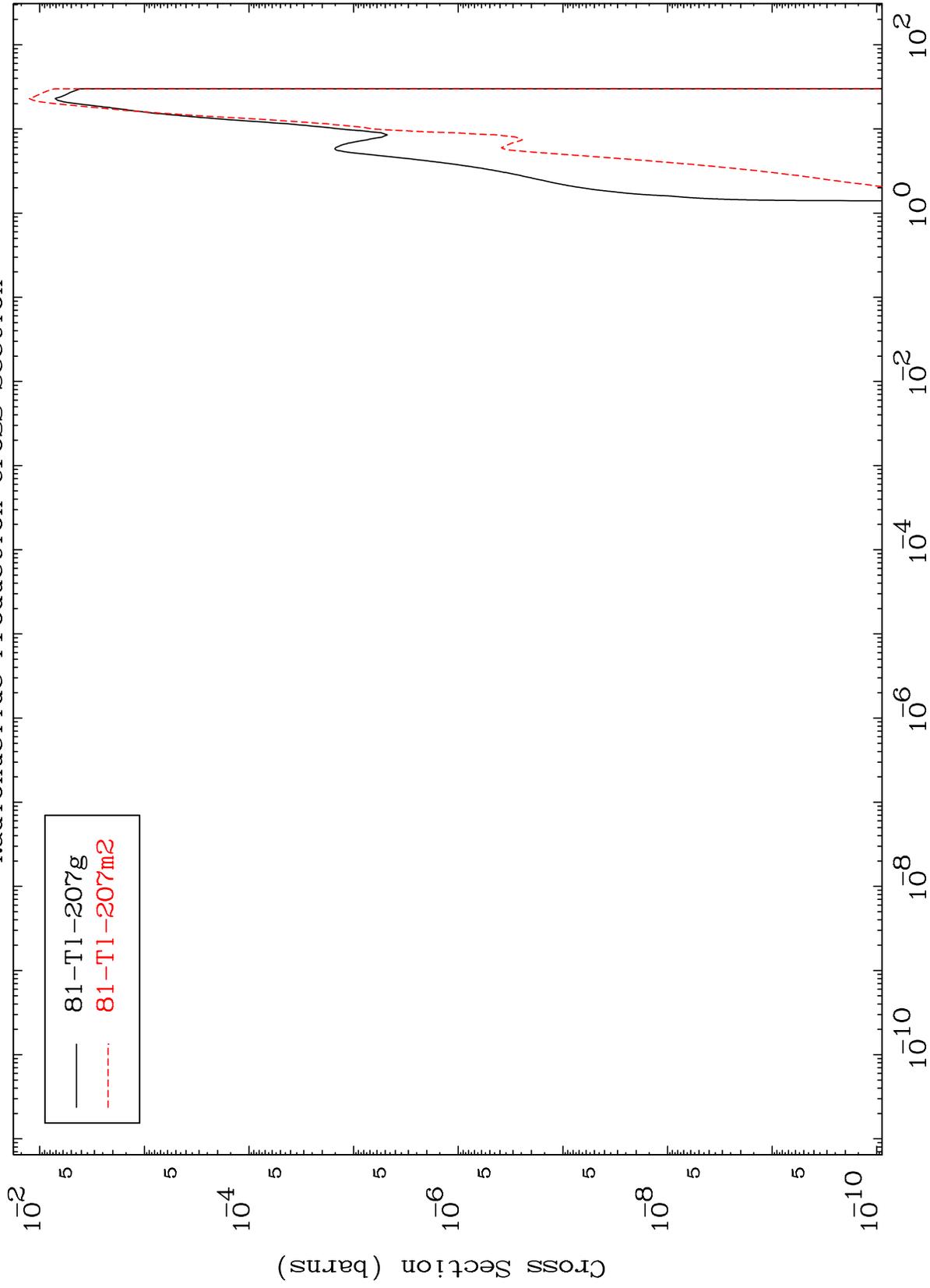
83-Bi-211

MAT 8331

(n,n')  $\alpha$

83-Bi-211

Radionuclide Production Cross Section



142

Incident Energy (MeV)

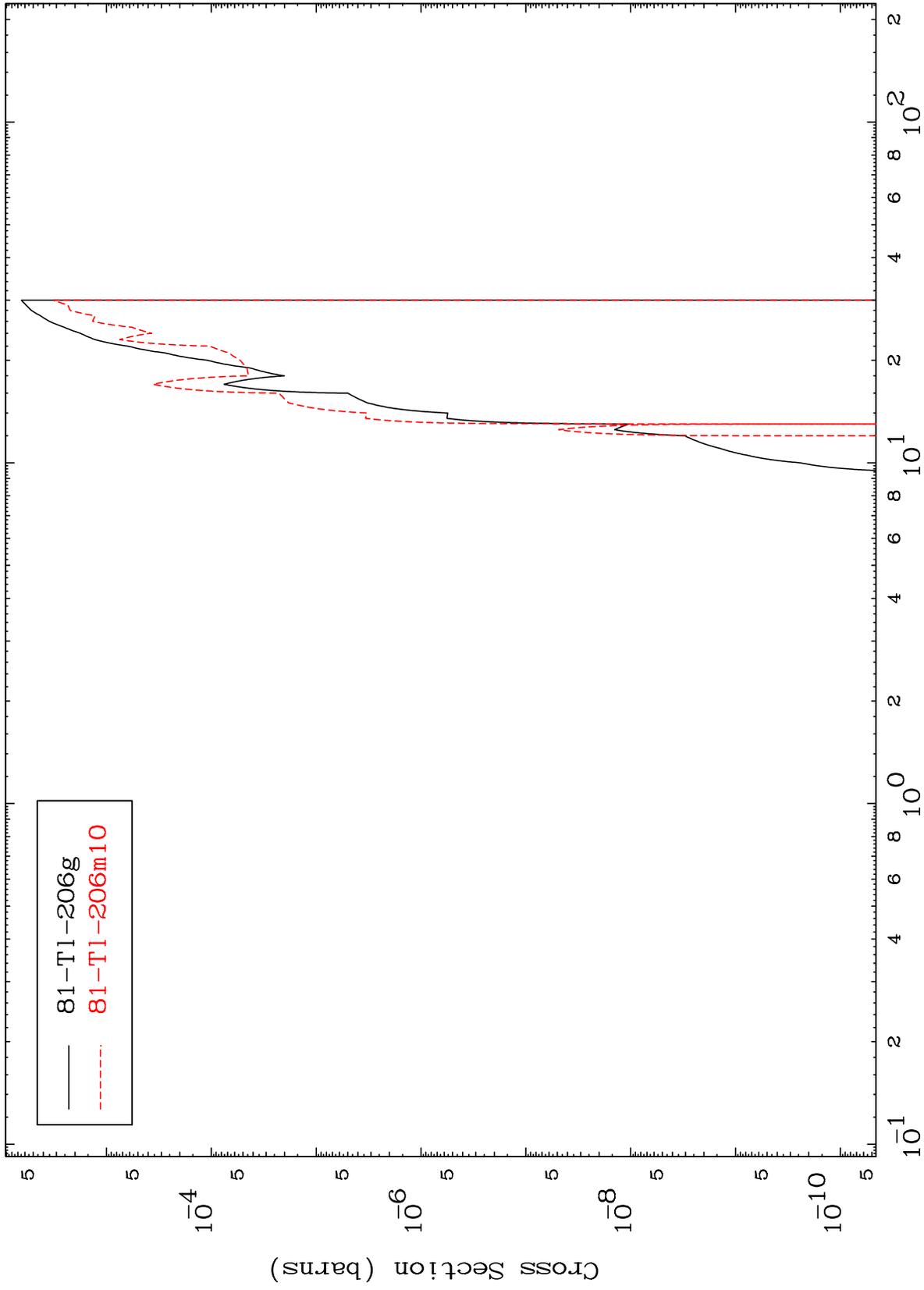
83-Bi-211

MAT 8331

(n,2n)  $\alpha$

83-Bi-211

Radionuclide Production Cross Section



143

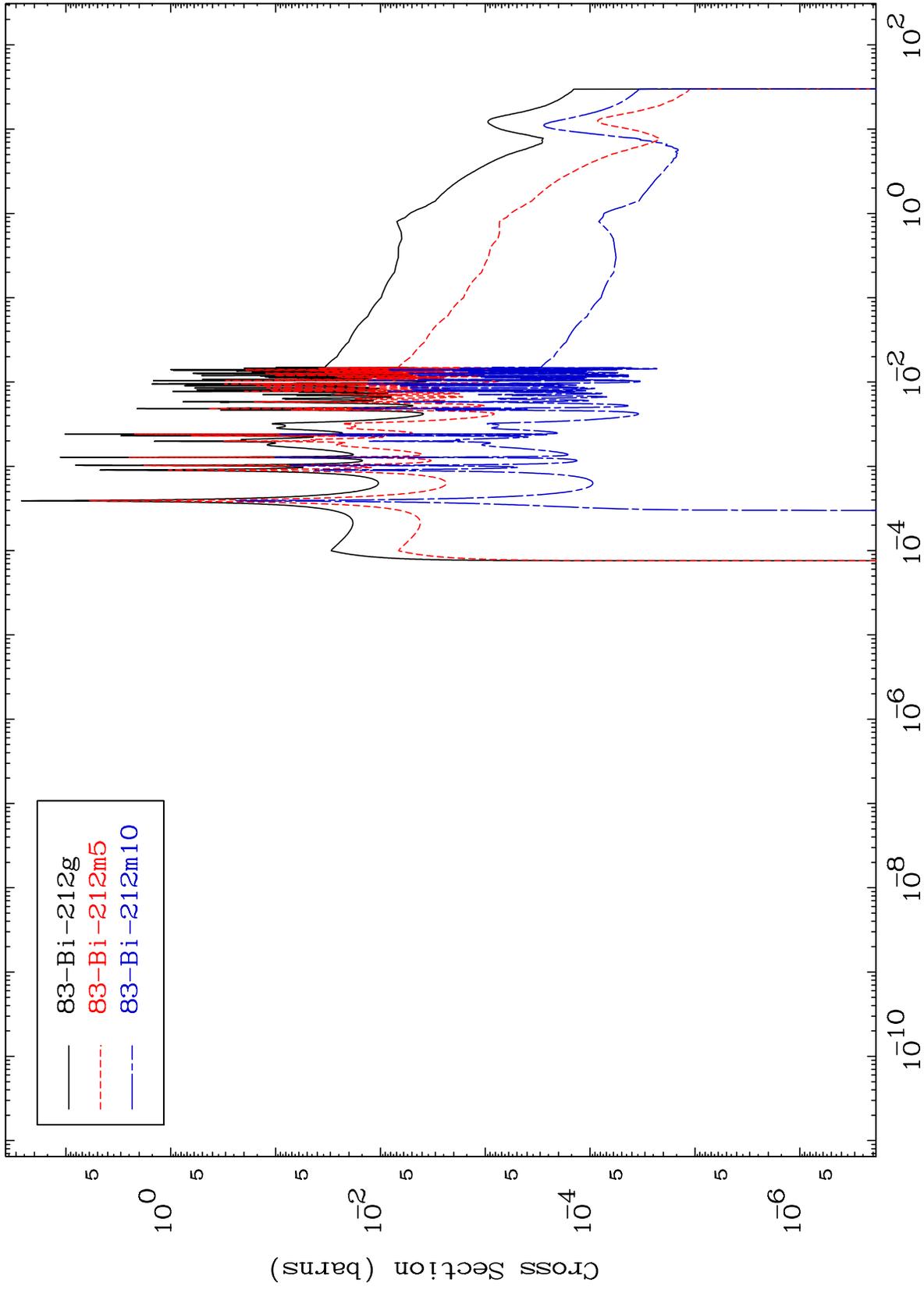
Incident Energy (MeV)

83-Bi-211

MAT 8331

83-Bi-211

(n,γ)  
Radionuclide Production Cross Section



144

83-Bi-211