

Program EVALPLOT  
(Version 2018-1)

by

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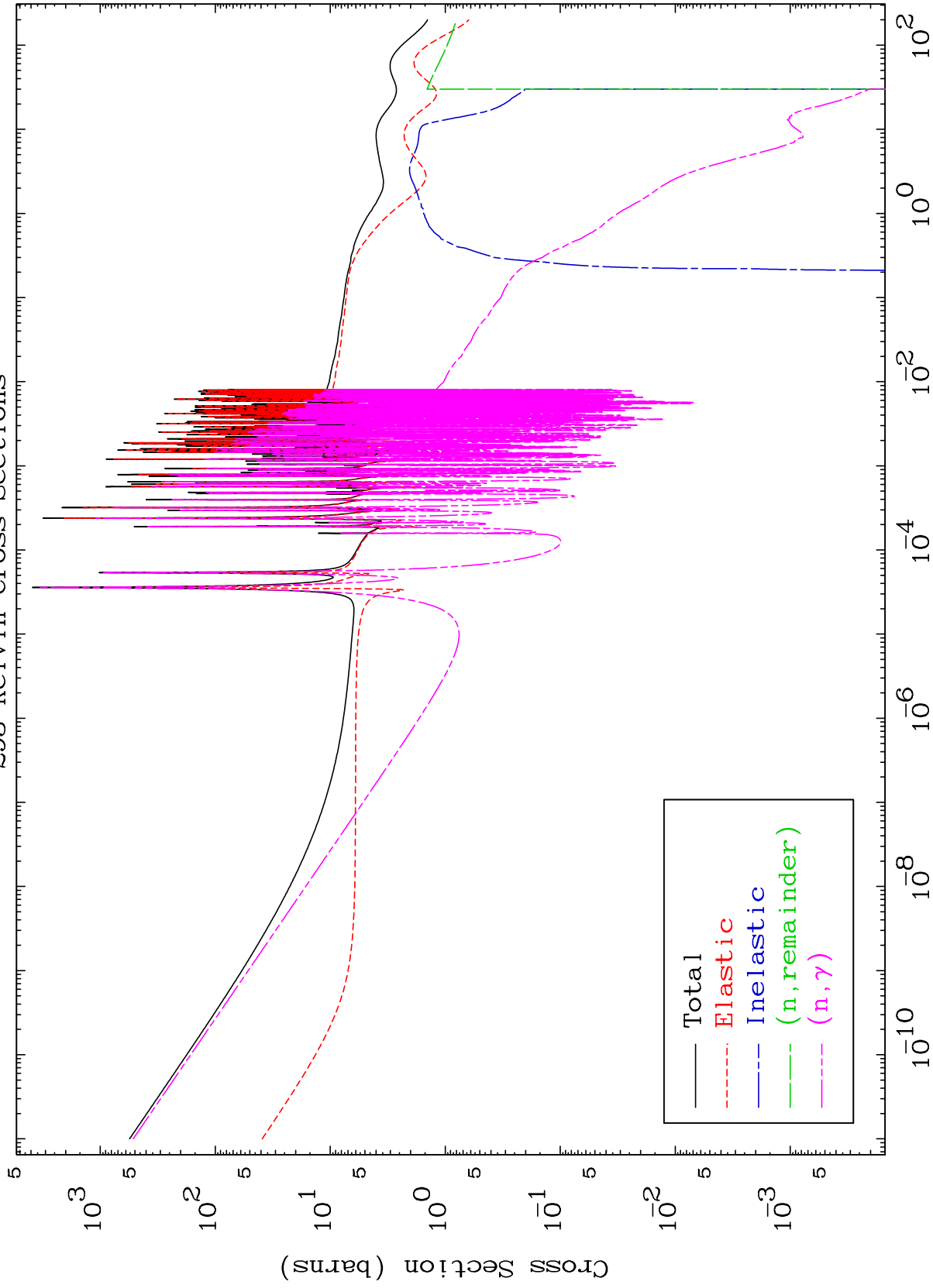
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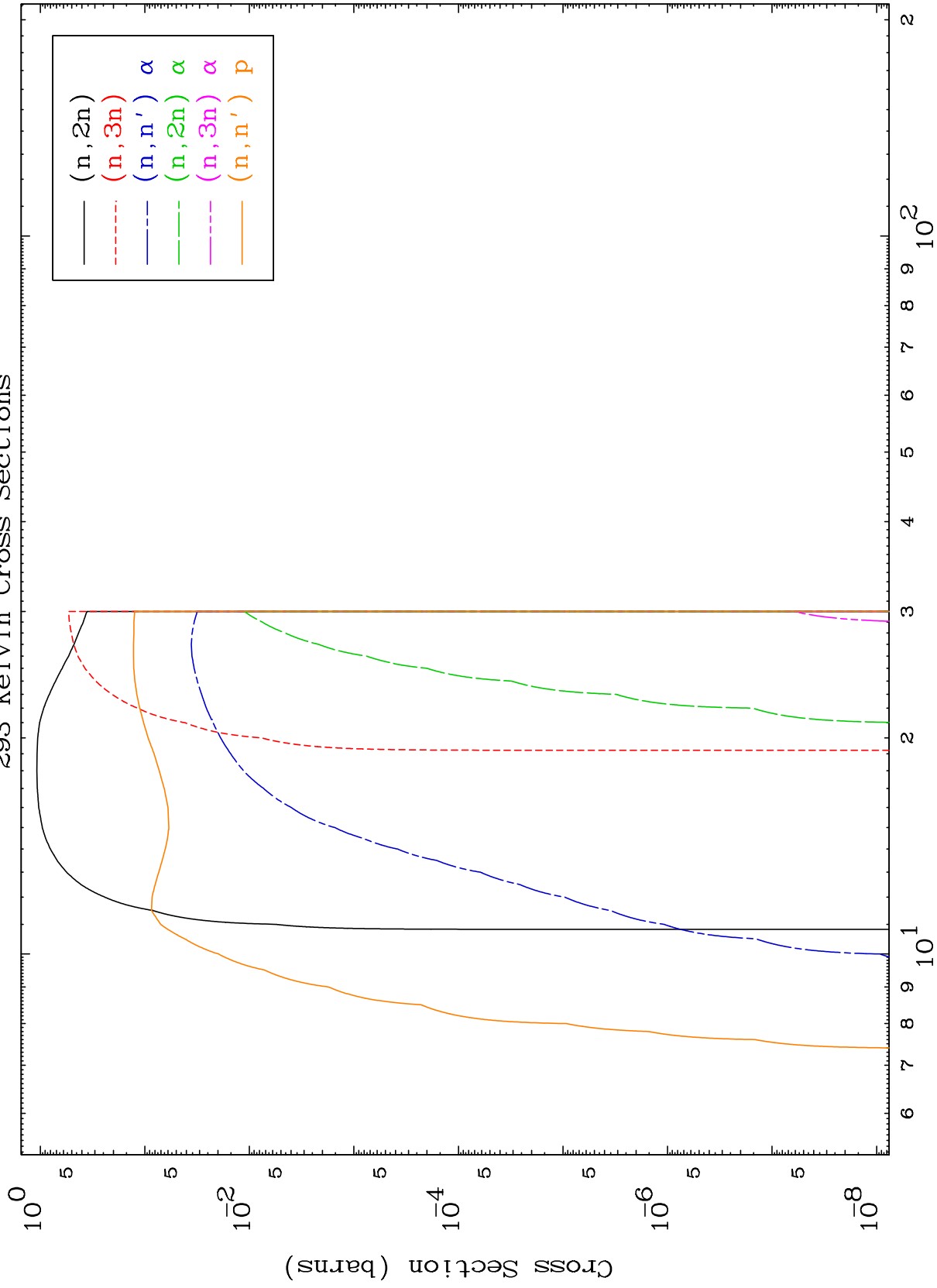
MAT 3525

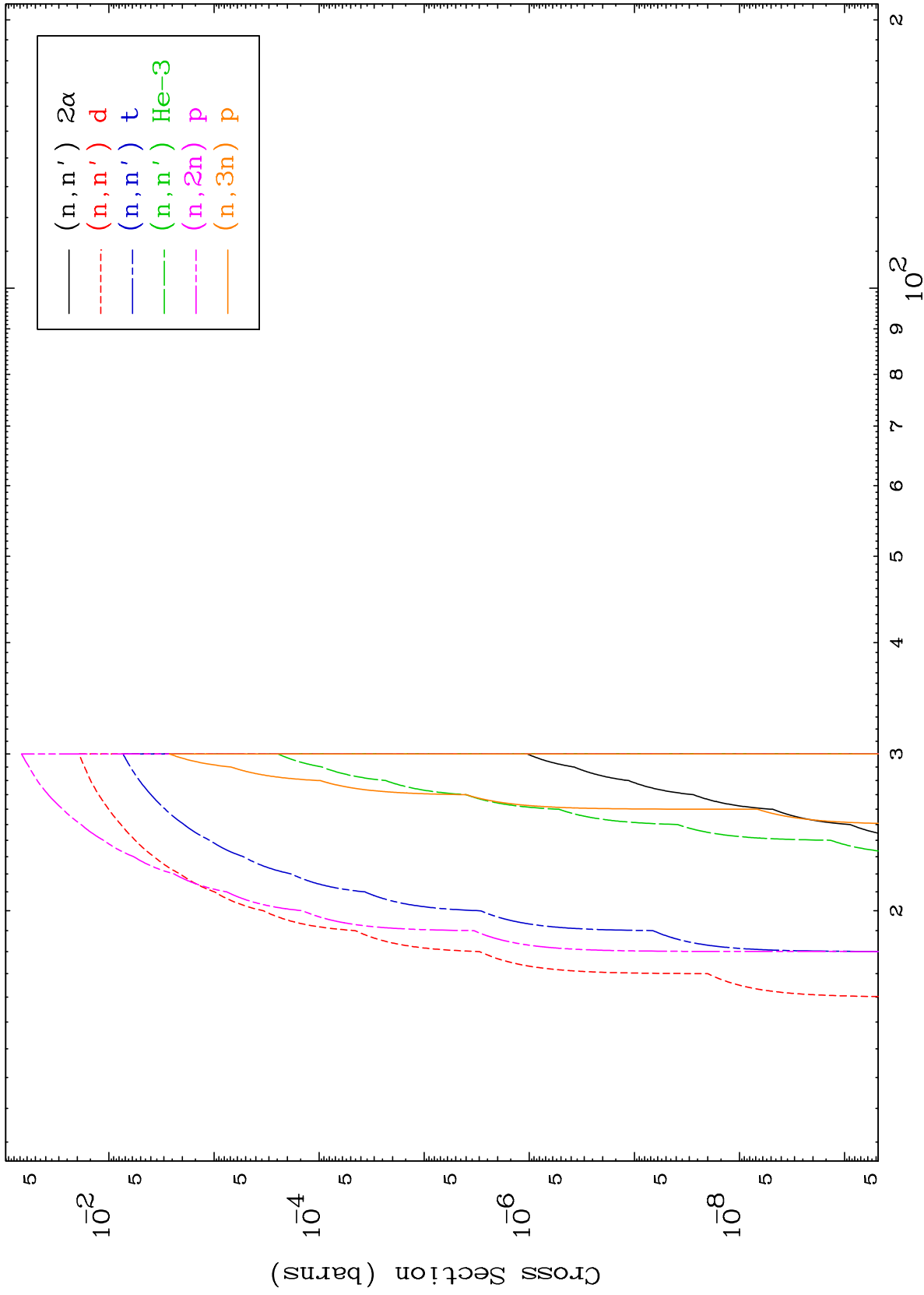
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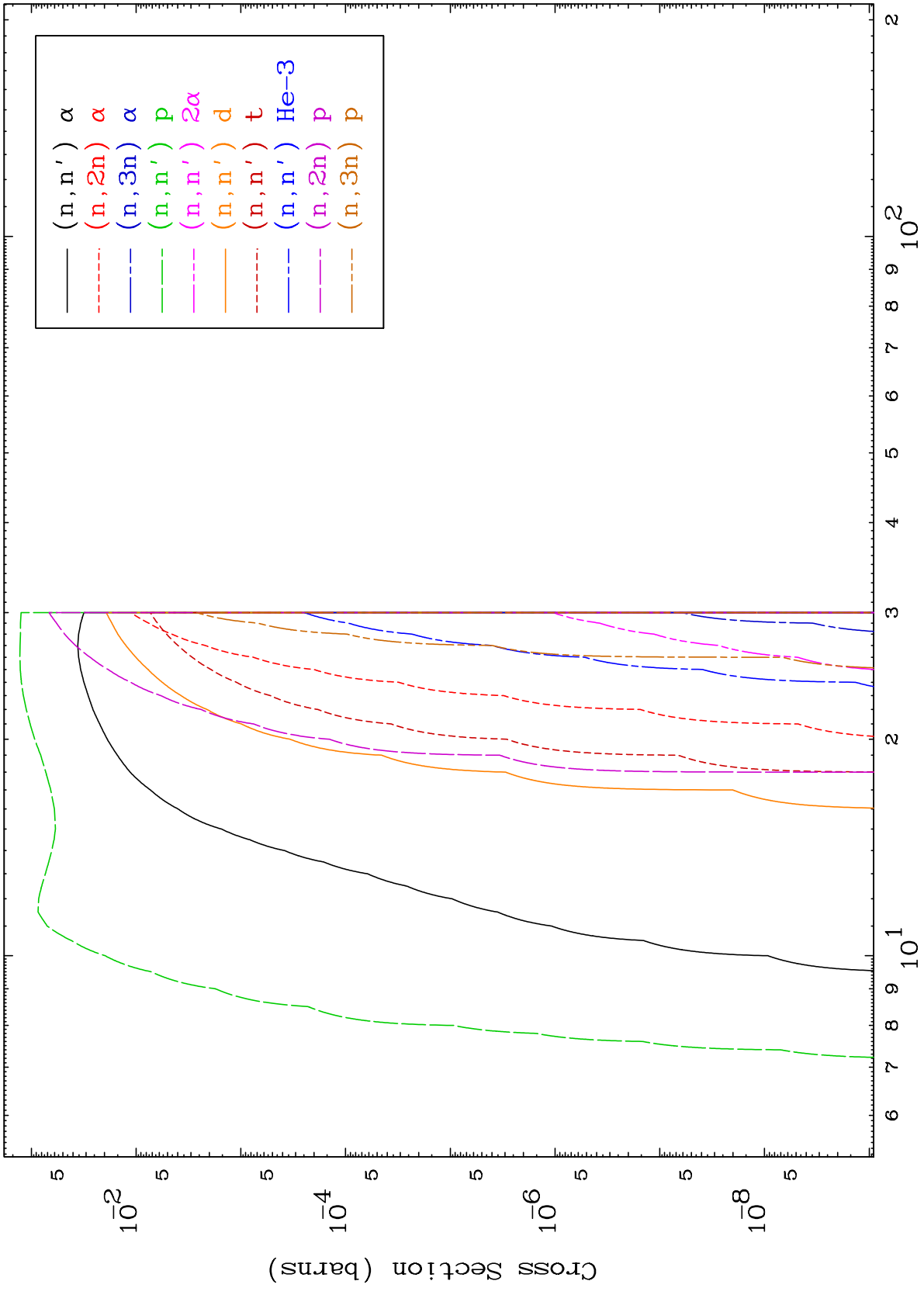
293 Kelvin Cross Sections

35-Br-79





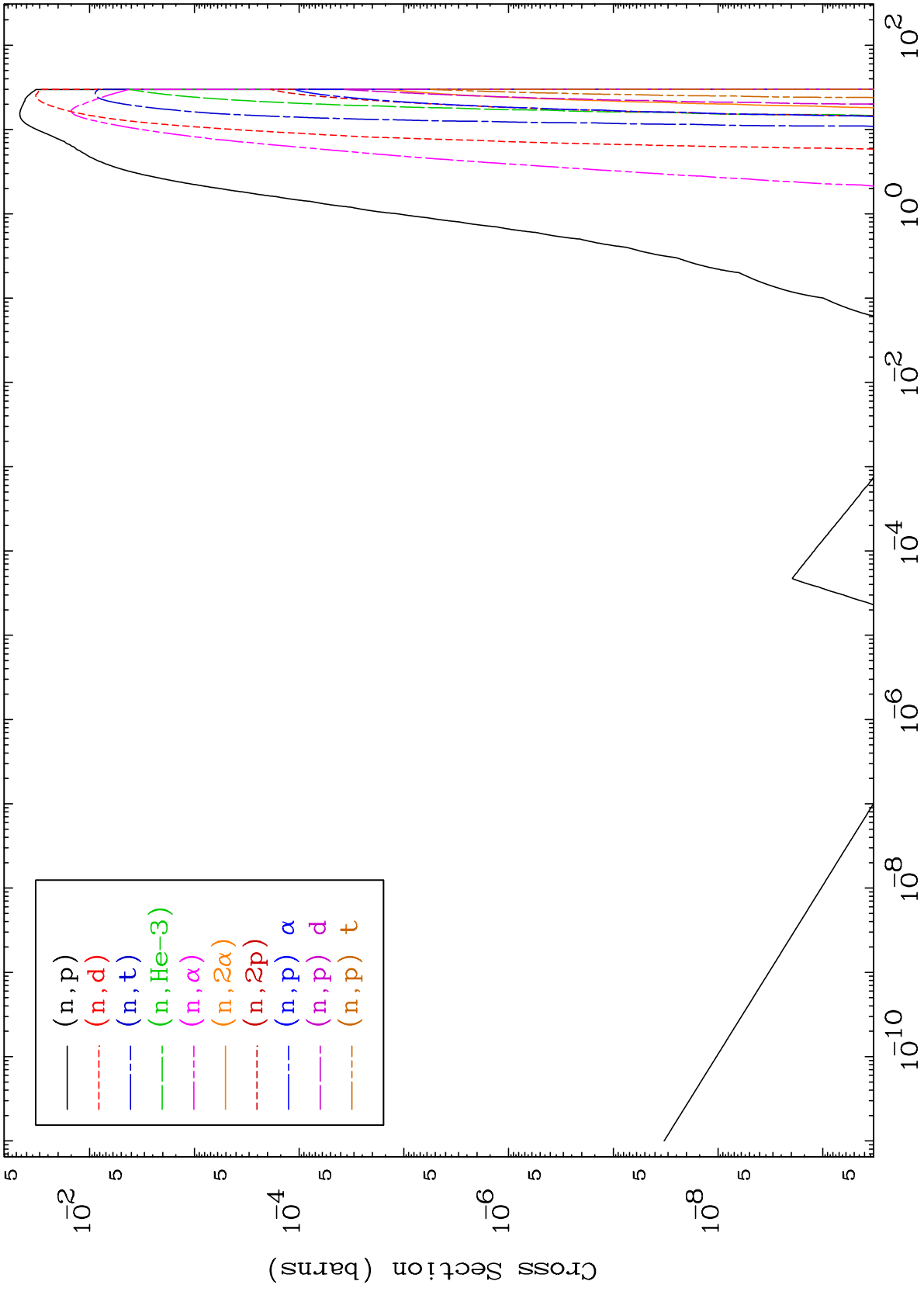




MAT 3525

Charged Particle  
293 Kelvin Cross Sections

35-Br-79



5

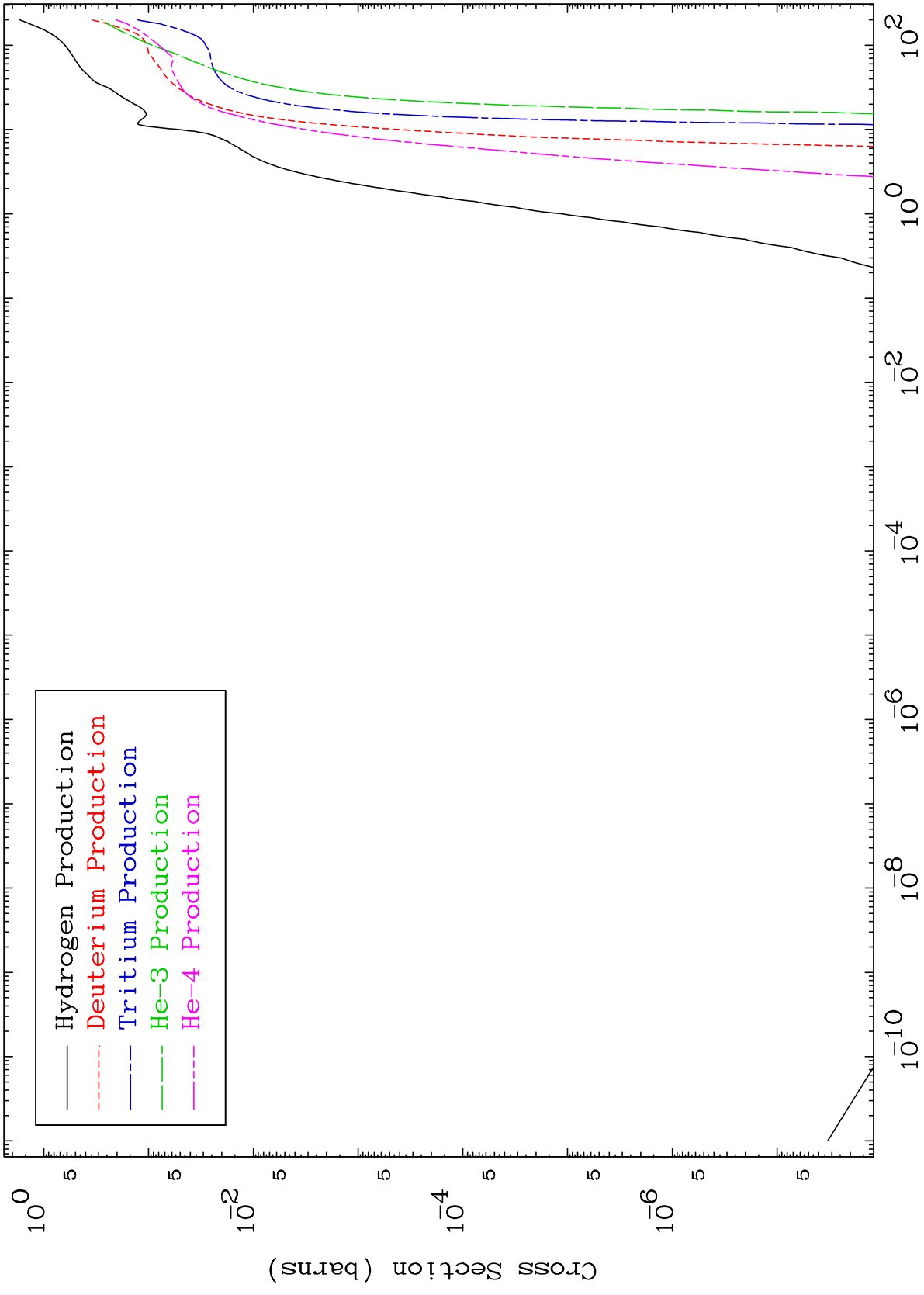
Incident Energy (MeV)

35-Br-79

MAT 3525

Particle Production  
293 Kelvin Cross Sections

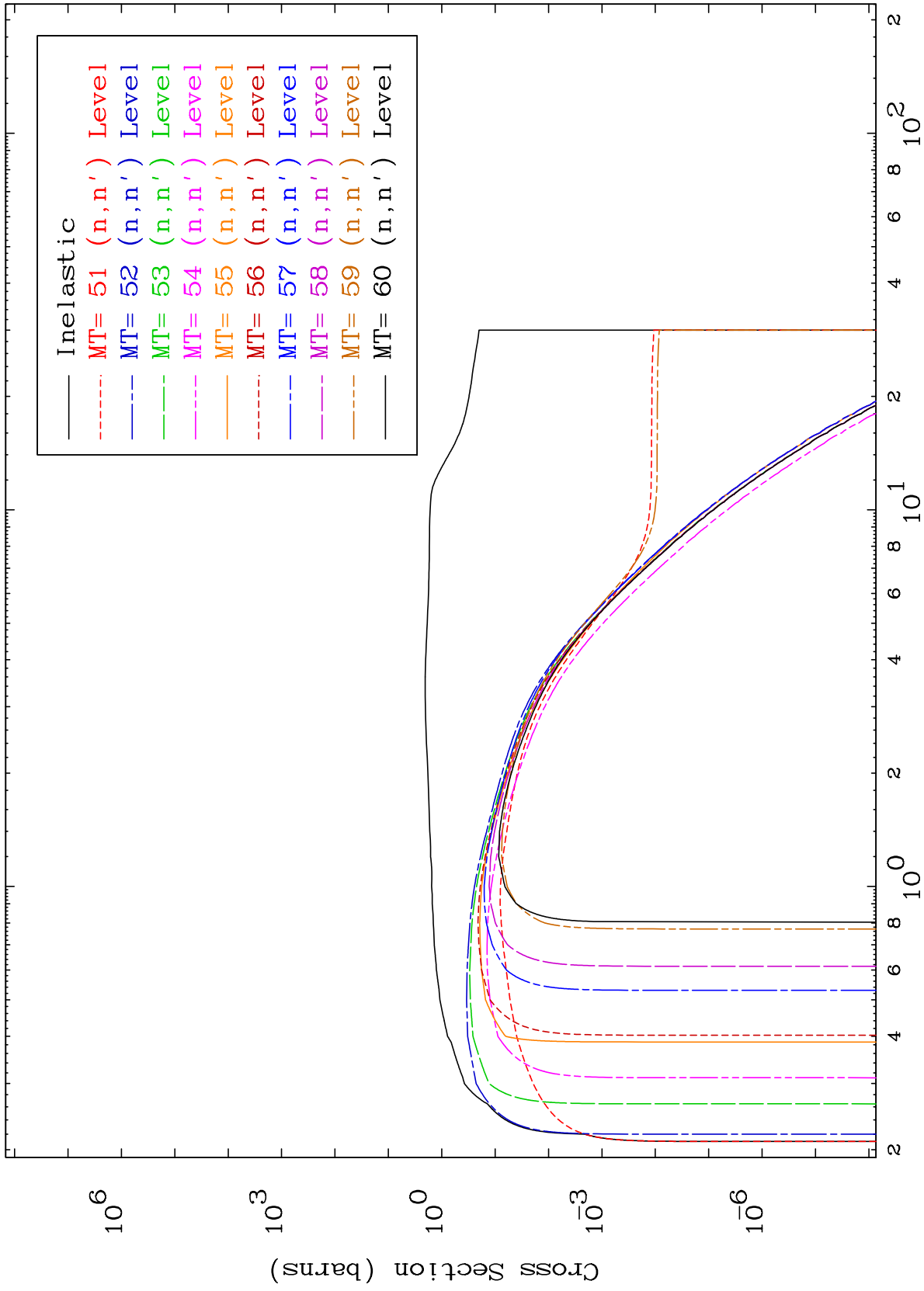
35-Br-79



35-Br-79

Incident Energy (MeV)

6



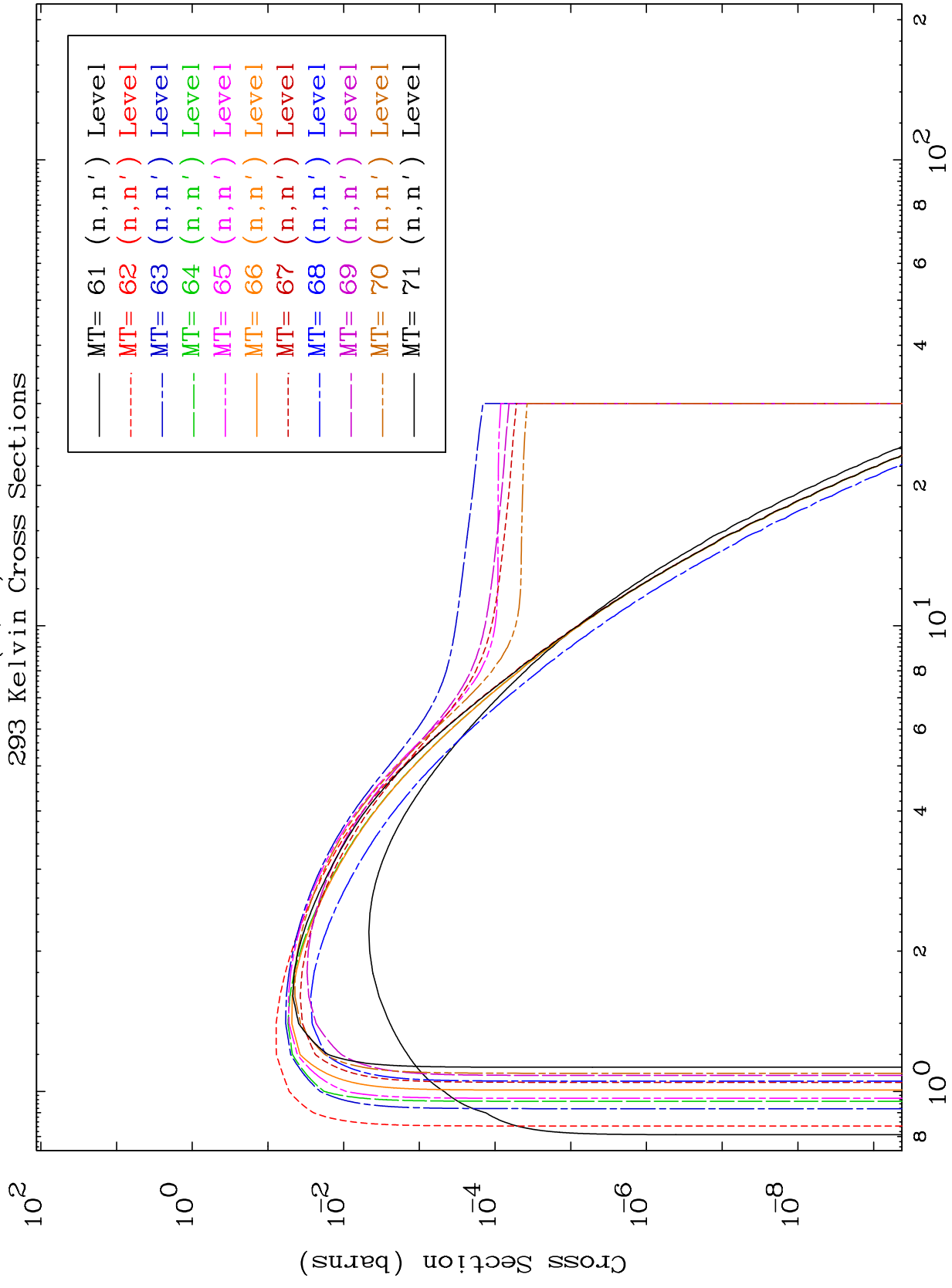


MAT 3525

(n,n') Level

293 Kelvin Cross Sections

35-Br-79



35-Br-79

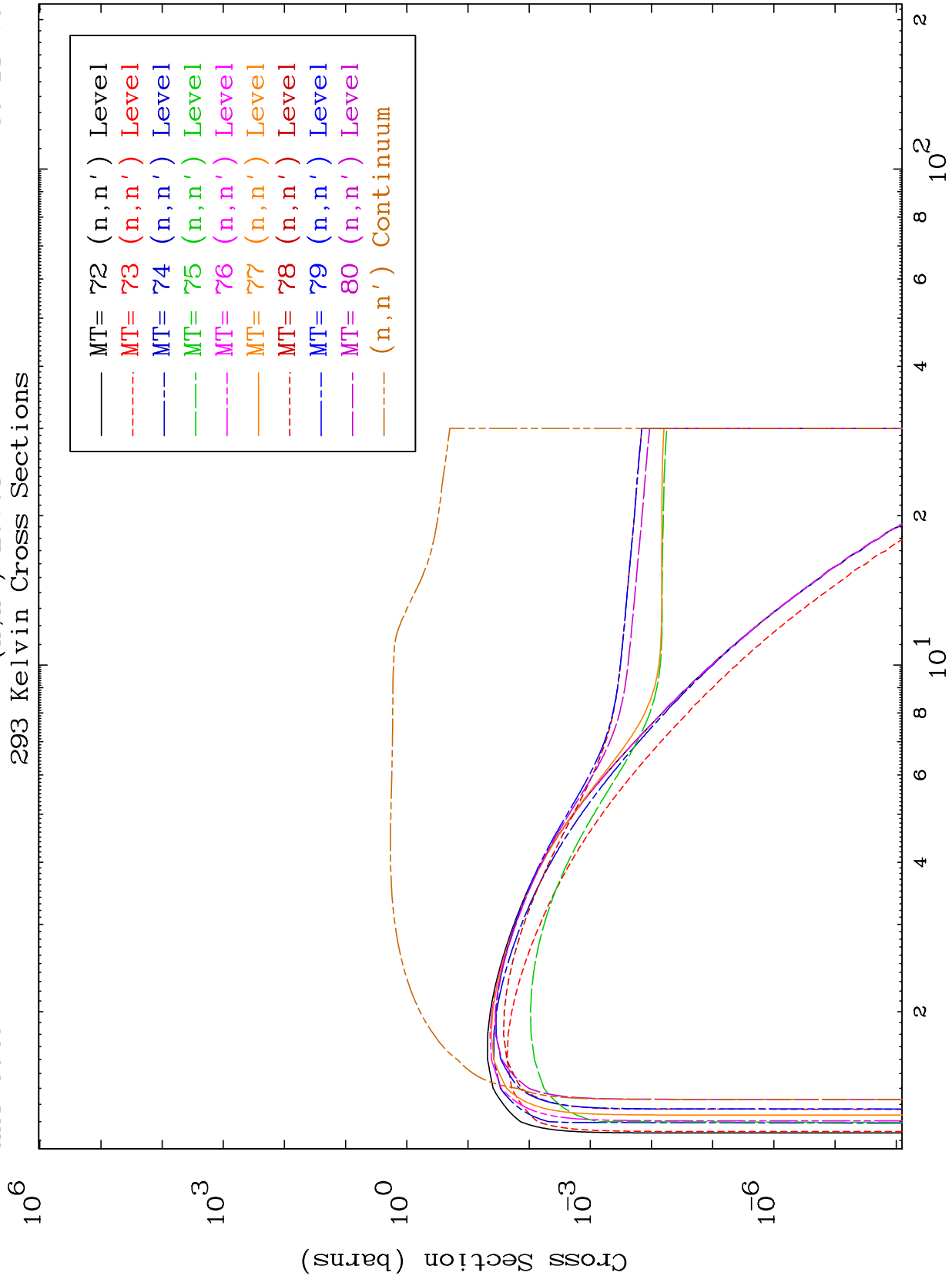
Incident Energy (MeV)

8

MAT 3525

(n,n') Level  
293 Kelvin Cross Sections

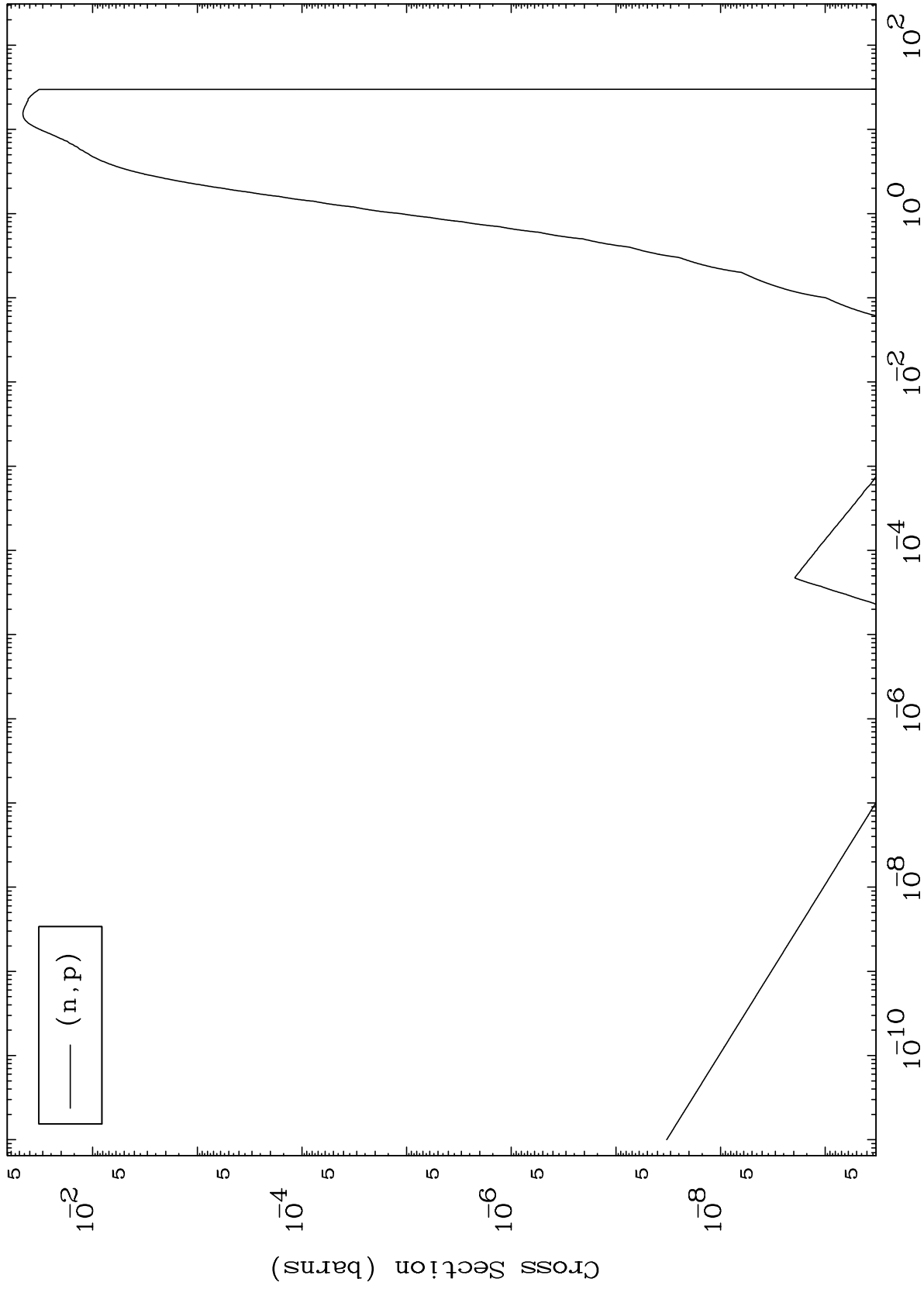
35-Br-79



MAT 3525

(n,p) Levels  
293 Kelvin Cross Sections

35-Br-79



10

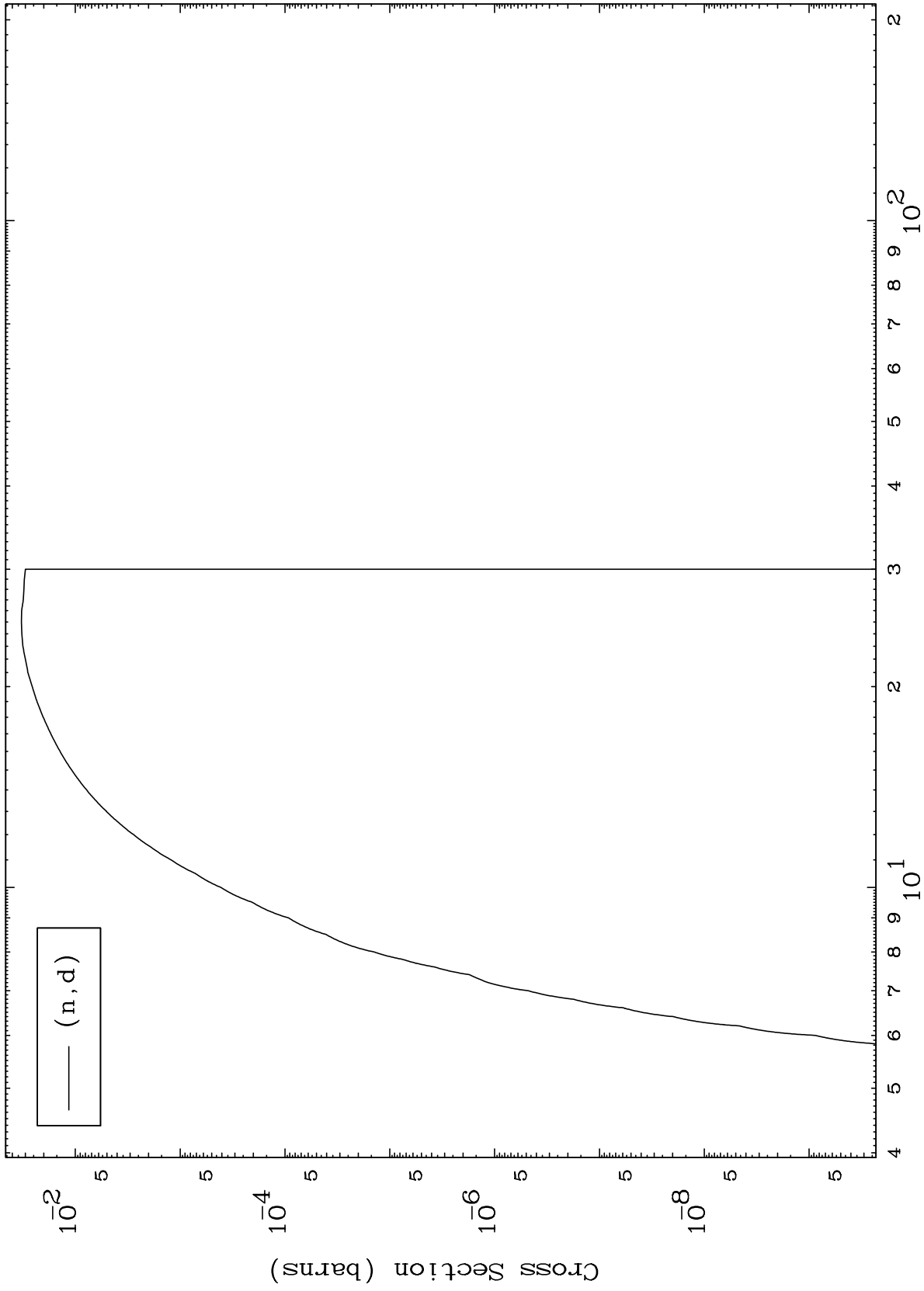
Incident Energy (MeV)

35-Br-79

MAT 3525

(n,d) Levels  
293 Kelvin Cross Sections

35-Br-79



11

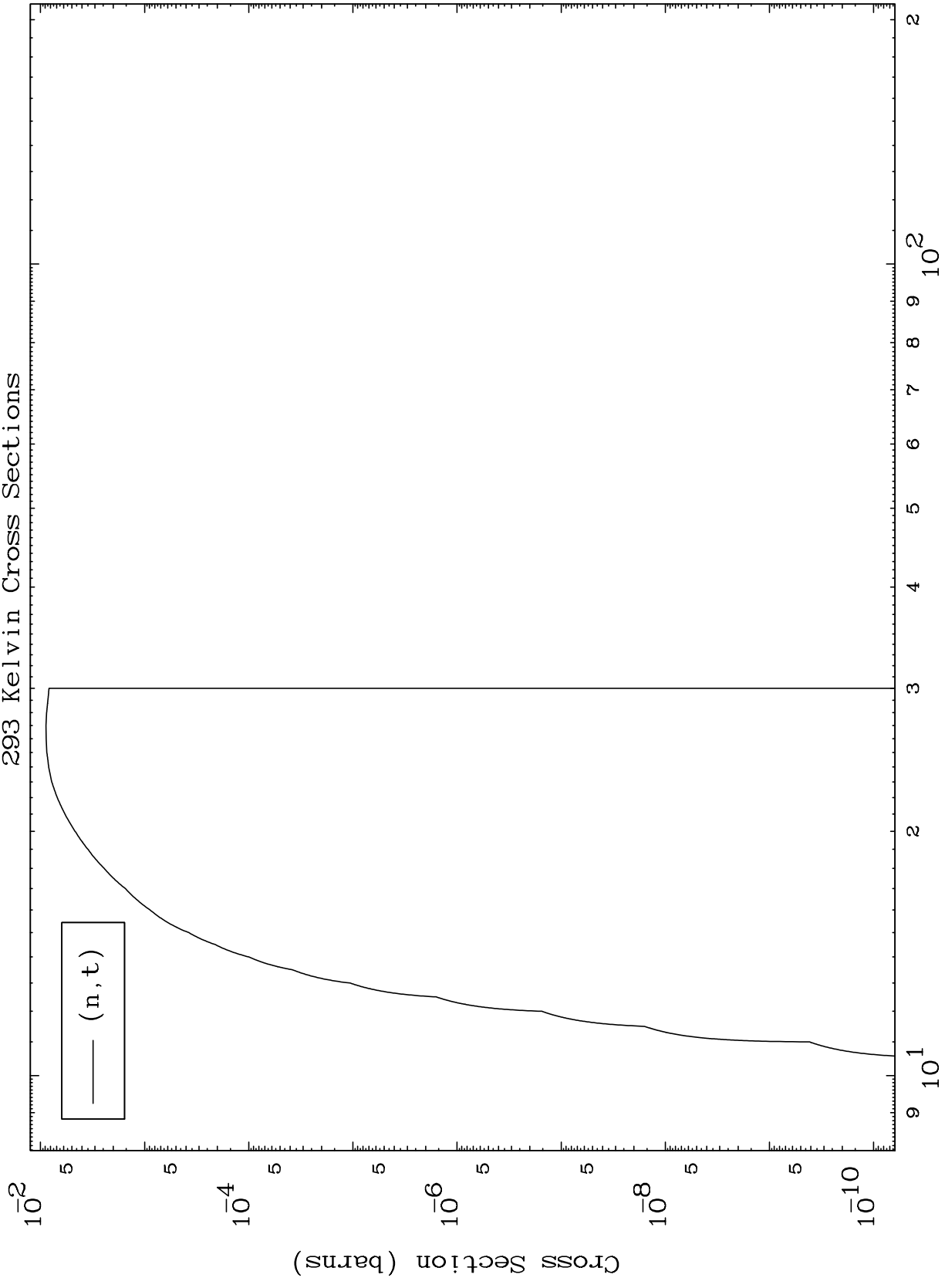
Incident Energy (MeV)

35-Br-79

MAT 3525

(n,t) Levels  
293 Kelvin Cross Sections

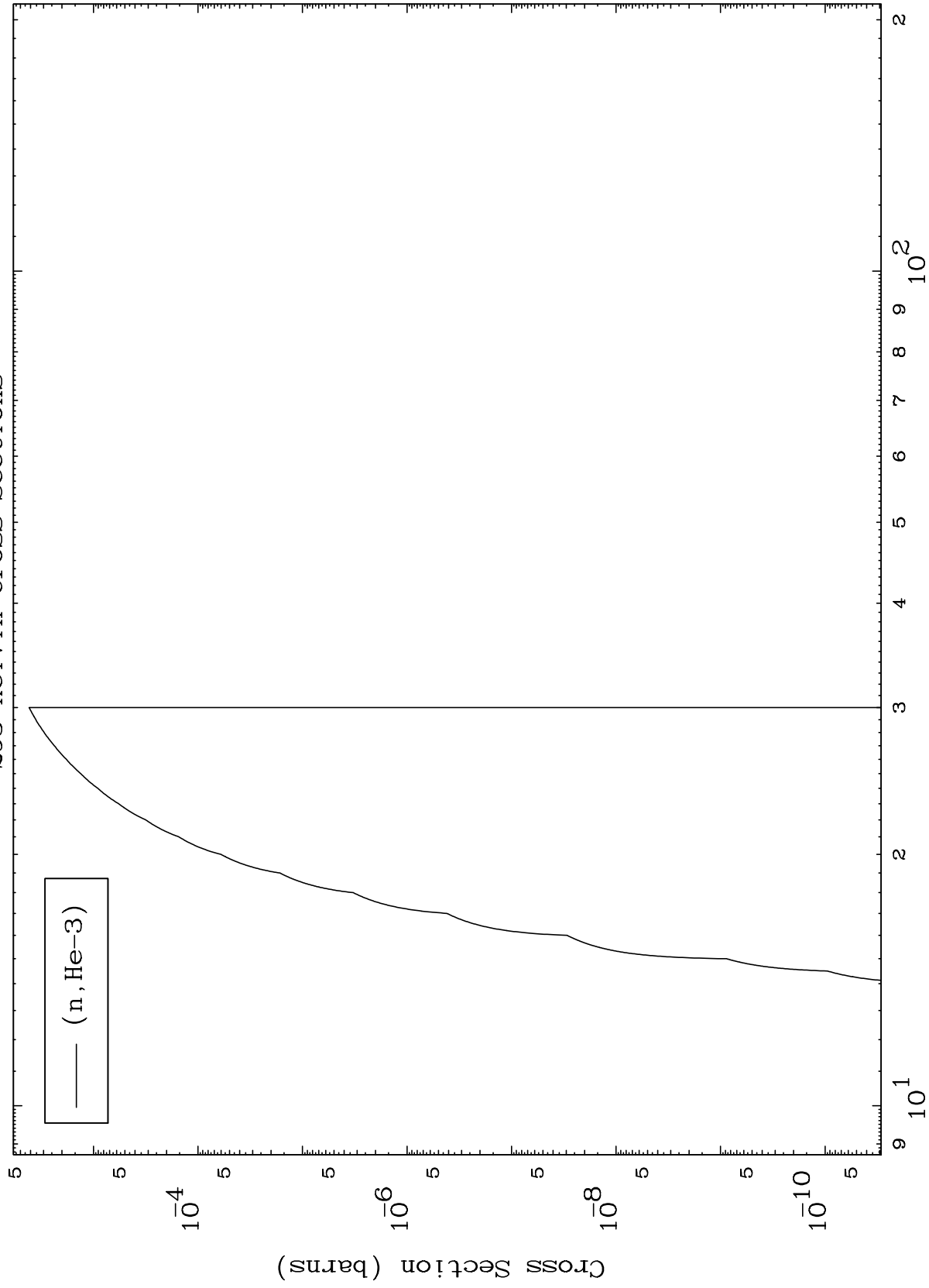
35-Br-79



MAT 3525

(n,He3) Levels  
293 Kelvin Cross Sections

35-Br-79



13

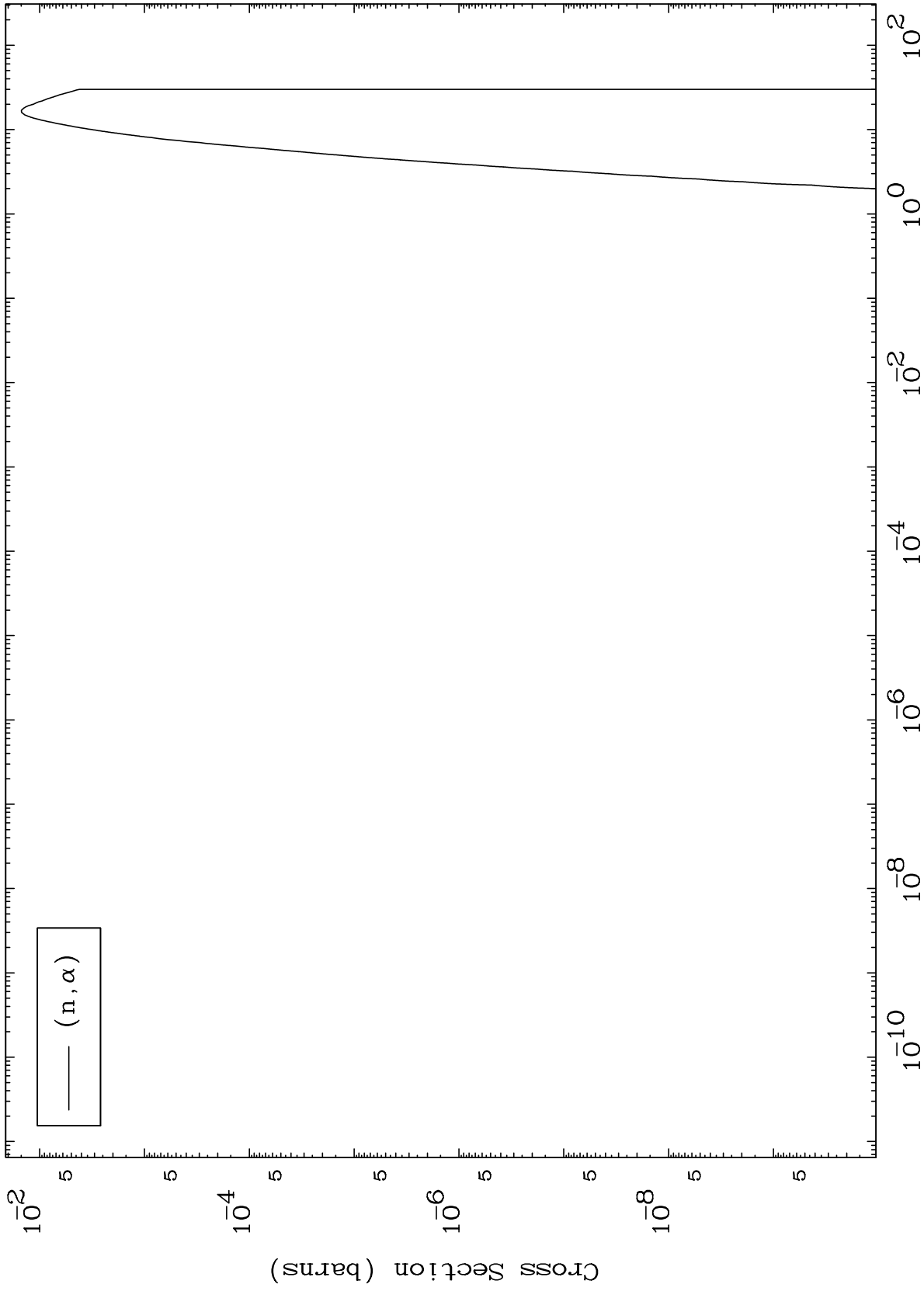
Incident Energy (MeV)

35-Br-79

MAT 3525

(n,α) Levels  
293 Kelvin Cross Sections

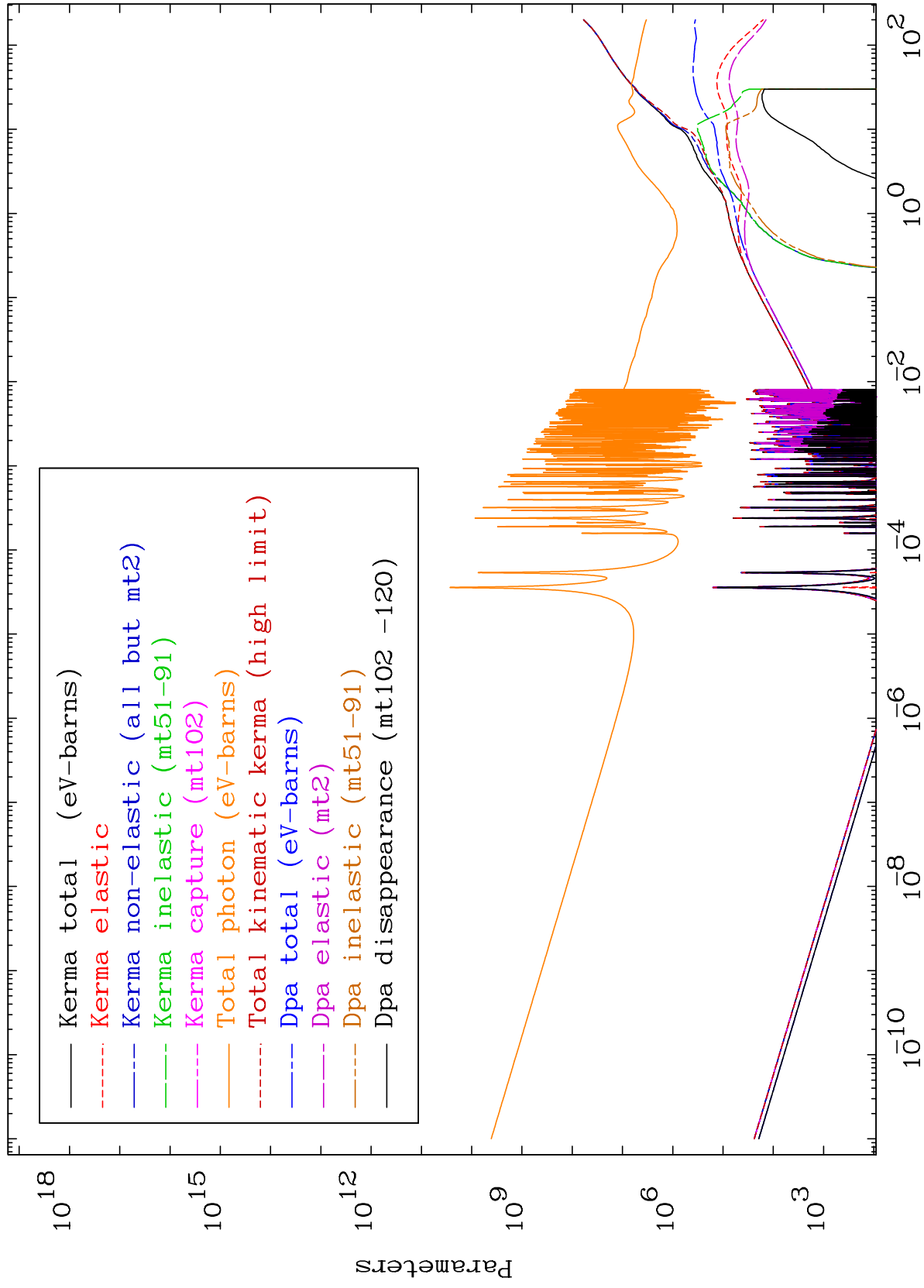
35-Br-79



14

Incident Energy (MeV)

35-Br-79

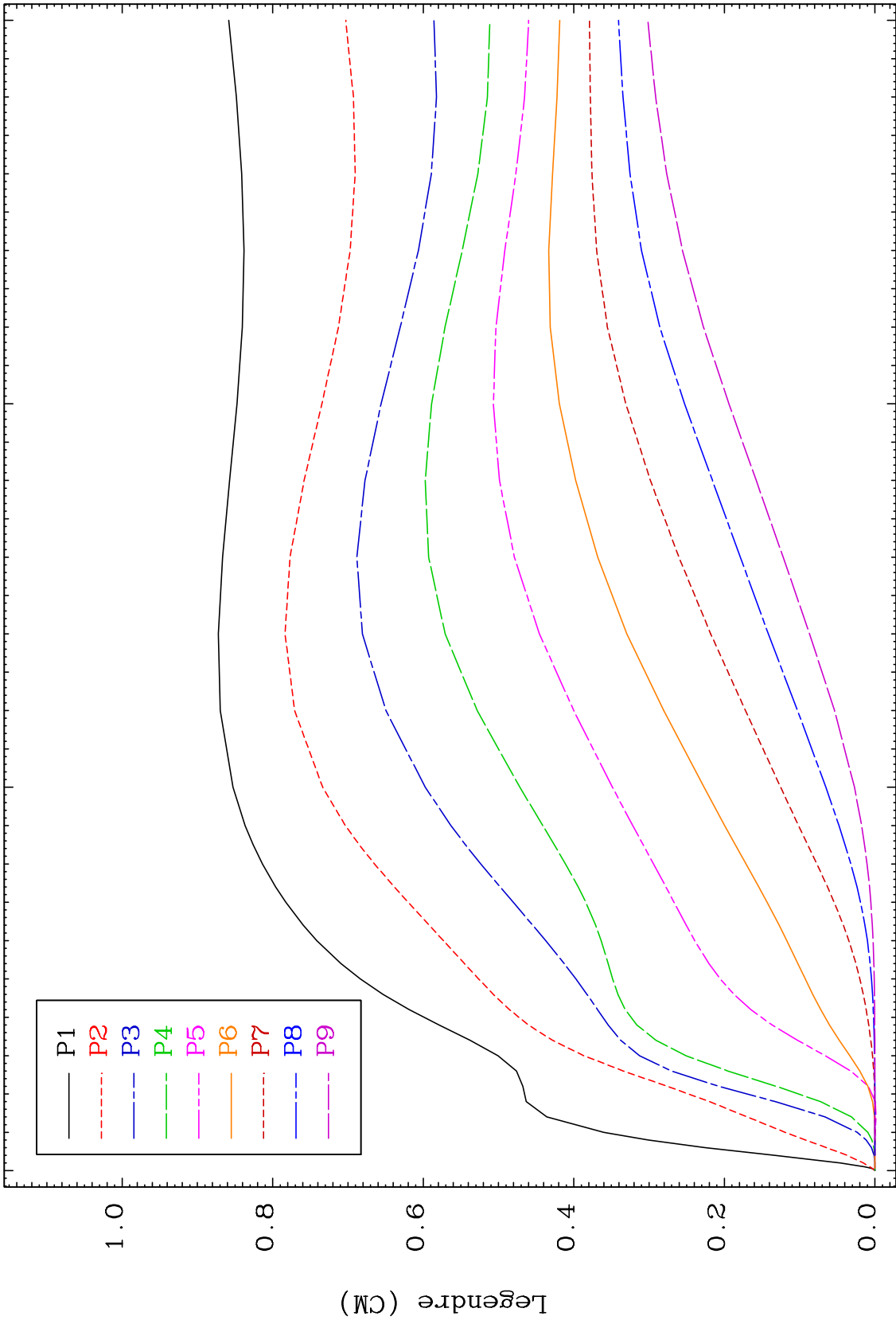




MAT 3525

Elastic Legendre Coefficients

35-Br-79



16

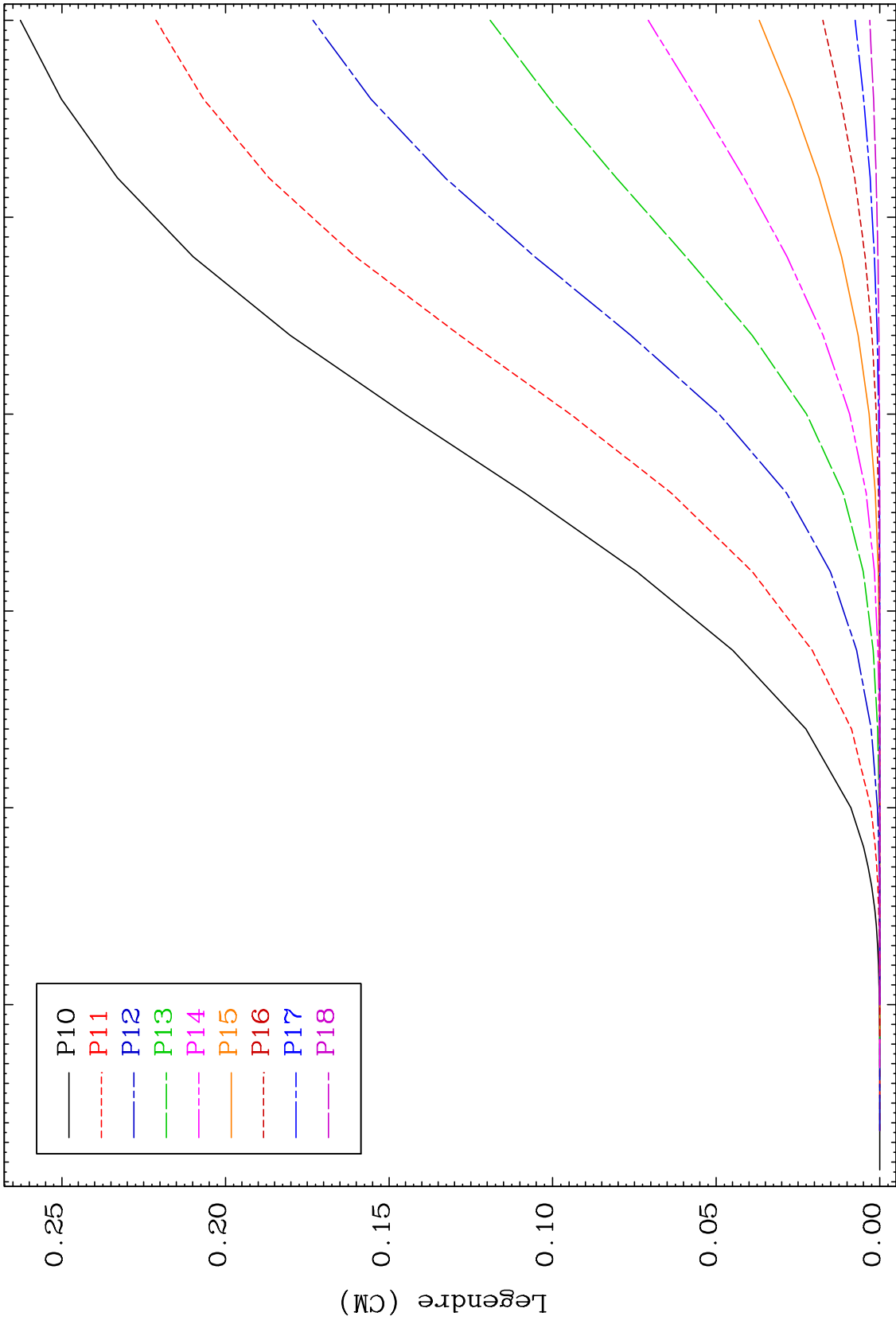
Incident Energy (MeV)

35-Br-79

MAT 3525

Elastic Legendre Coefficients

35-Br-79



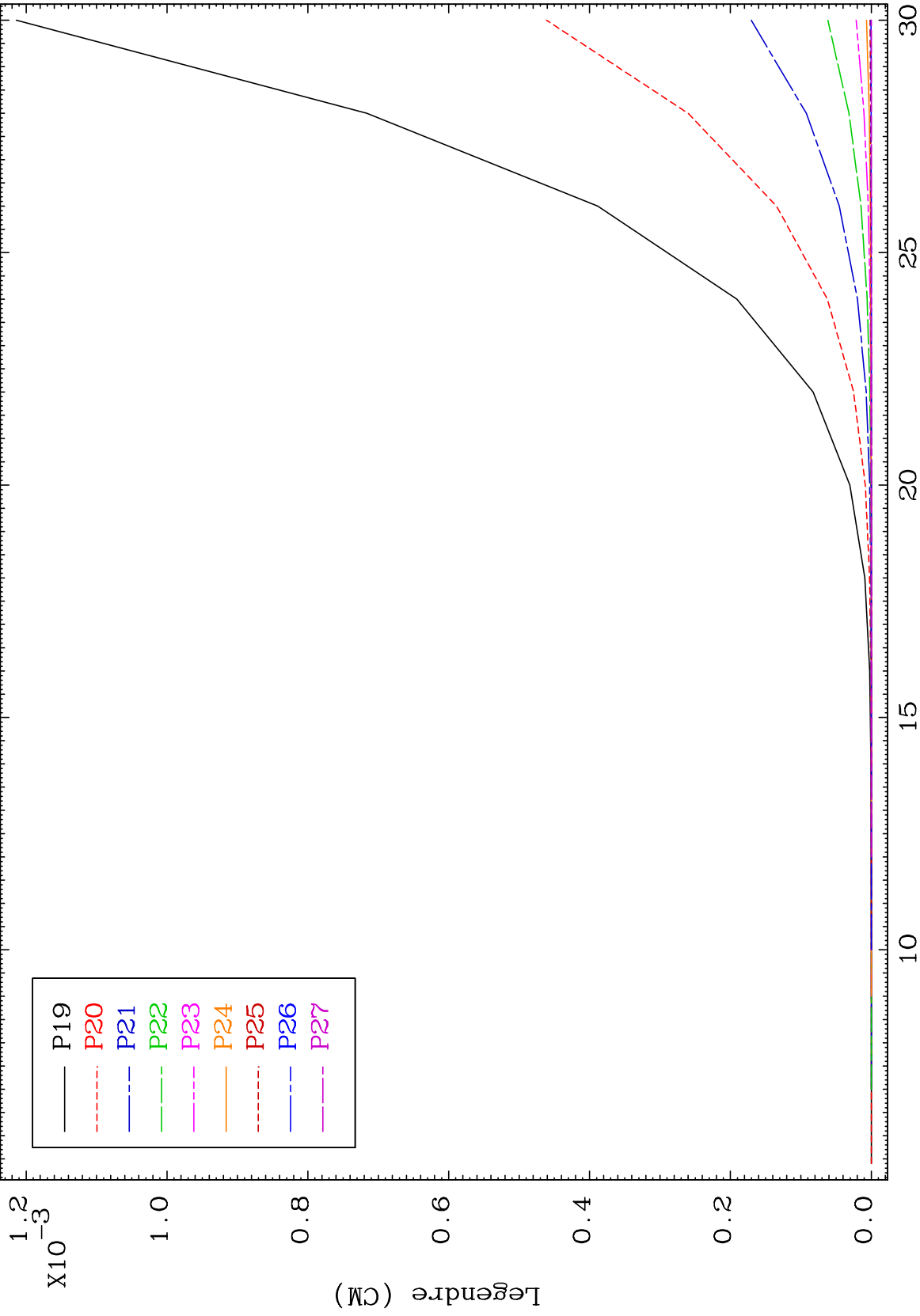
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35-Br-79

MAT 3525

### Elastic Legendre Coefficients

35-Br-79



18

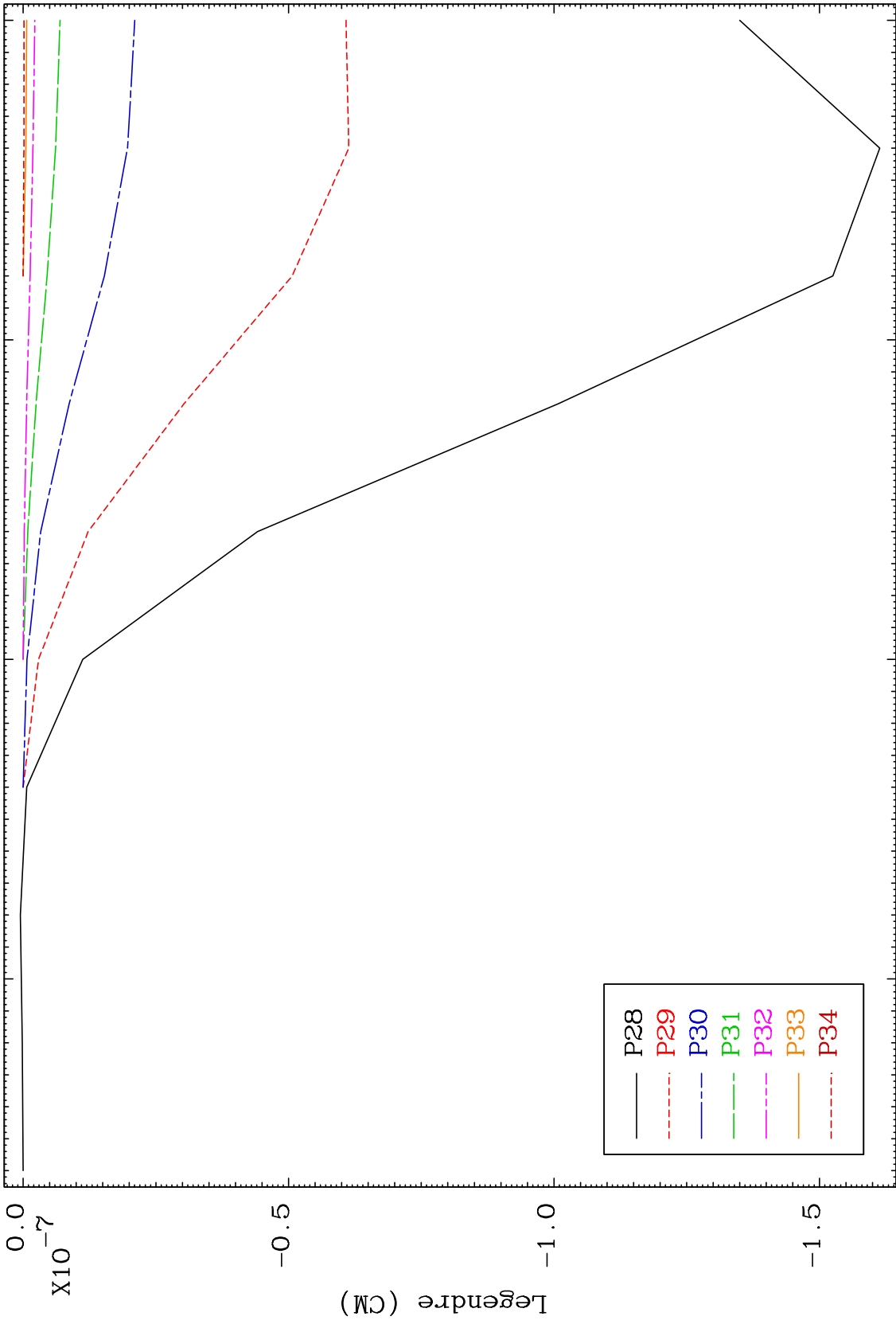
Incident Energy (MeV)

35-Br-79

MAT 3525

35-Br-79

Elastic Legendre Coefficients



19

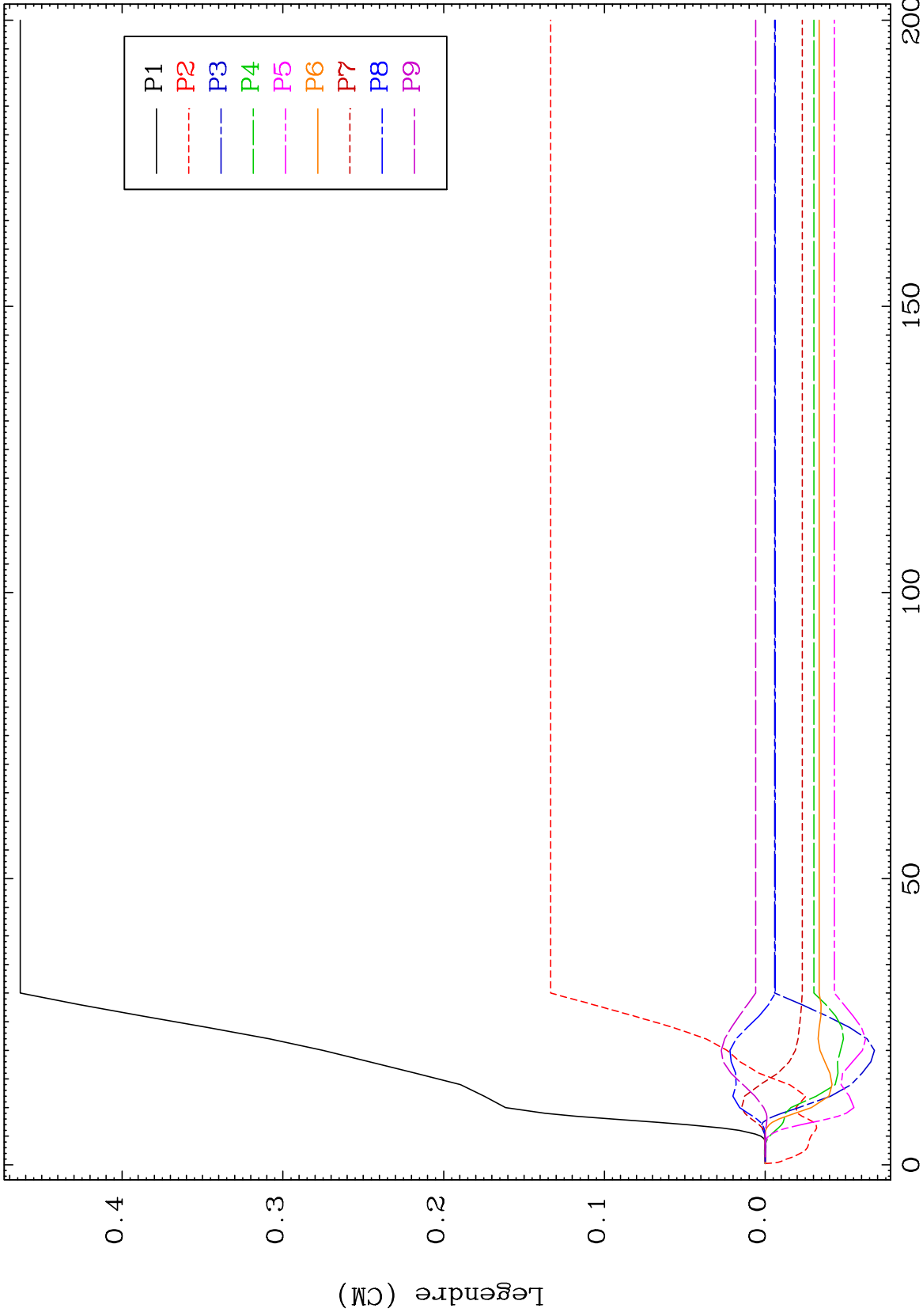
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

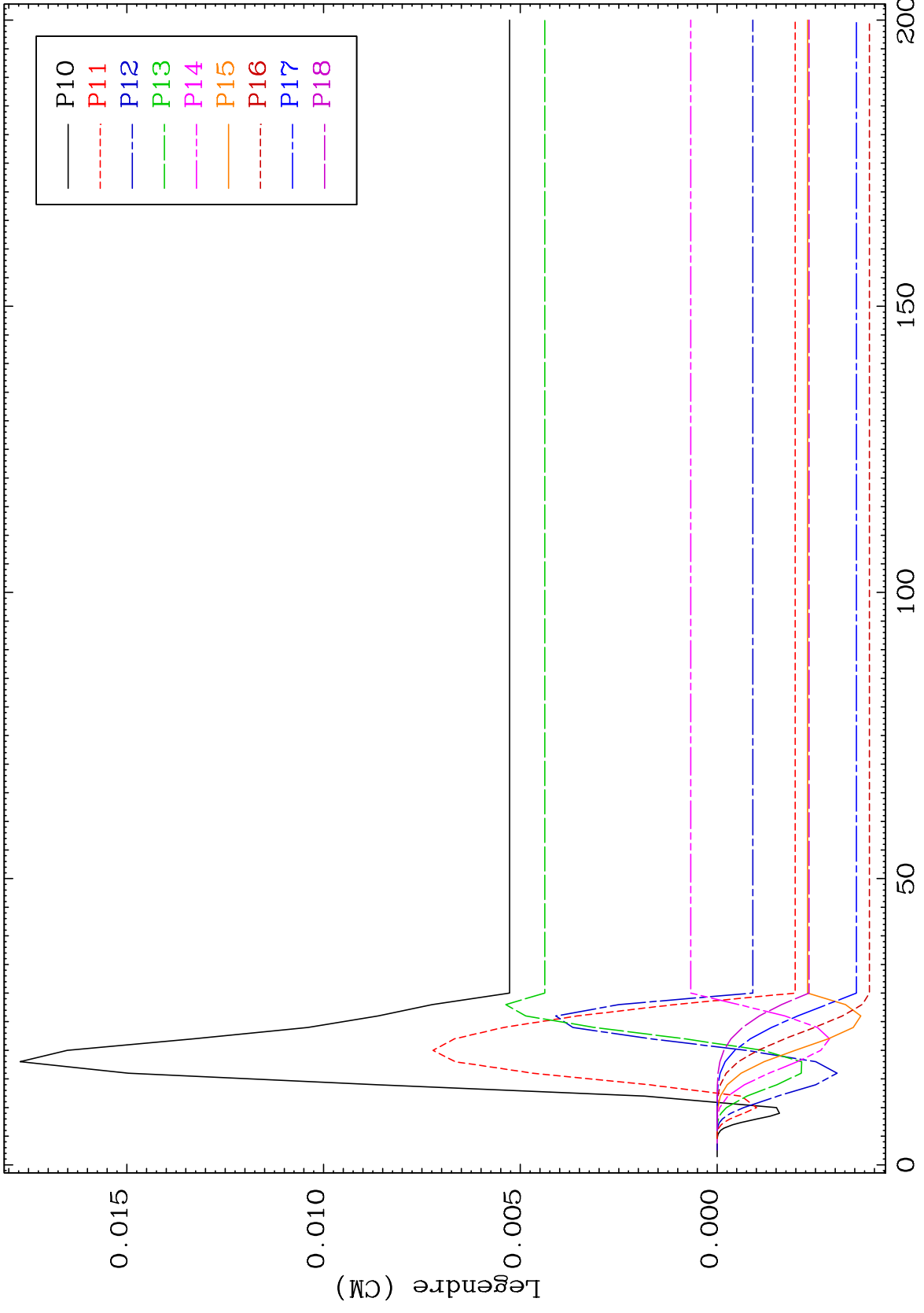


35-Br-79

Incident Energy (MeV)

20

MAT 3525 MT= 51 (n,n') Level Legendre Coefficients 35-Br-79

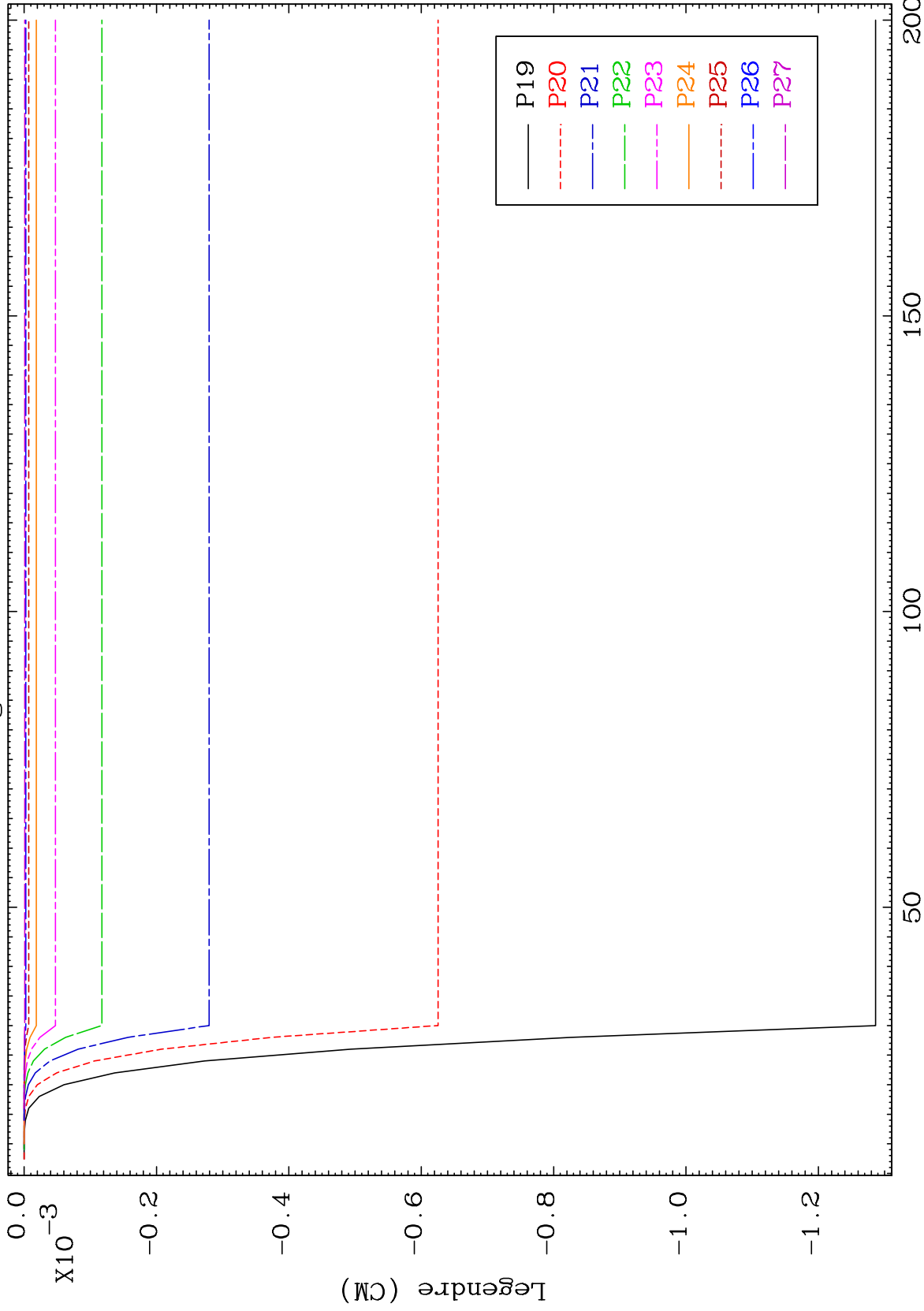


21 35-Br-79

MAT 3525

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

35-Br-79



35-Br-79

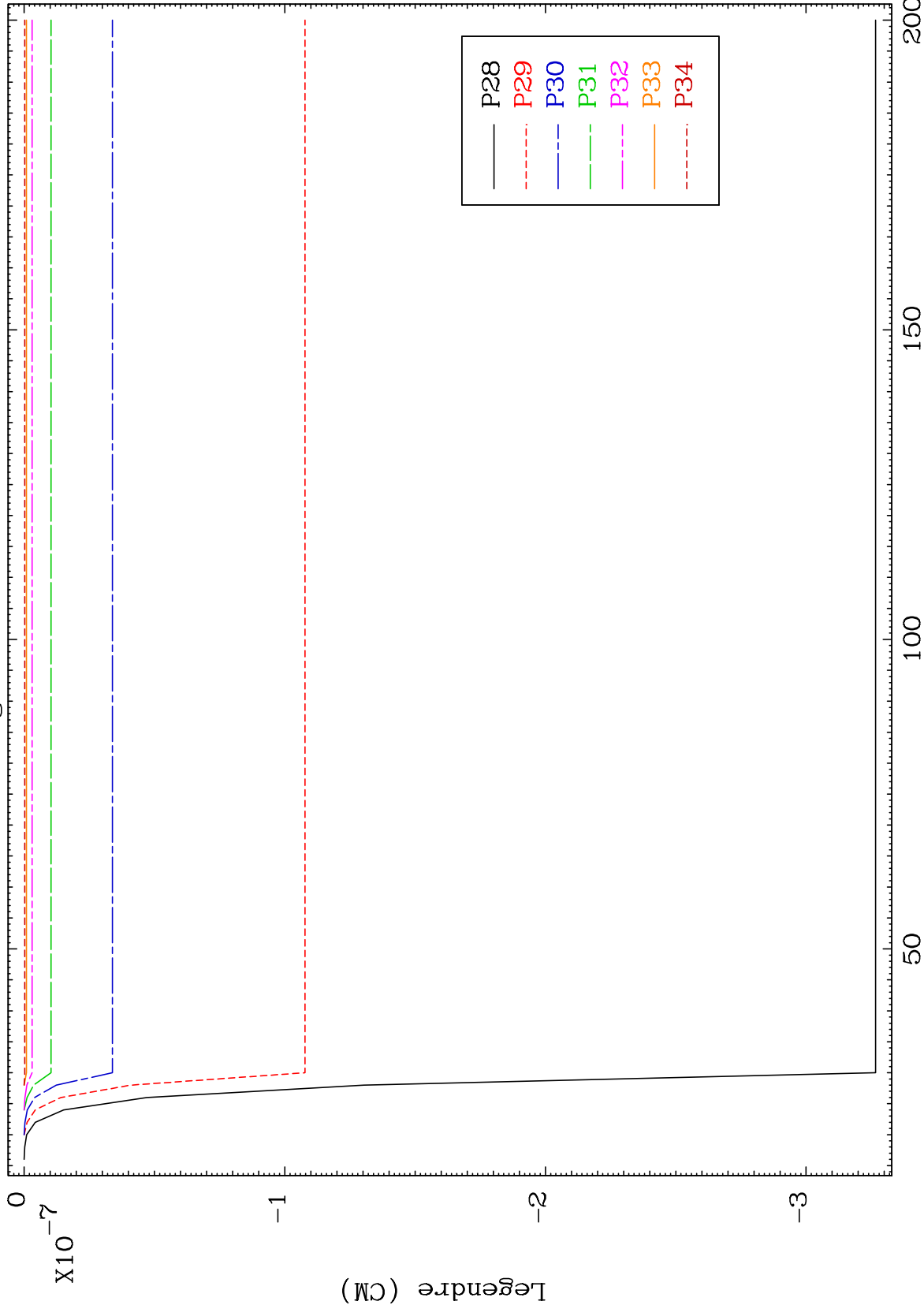
Incident Energy (MeV)

22

MAT 3525

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

35-Br-79



35-Br-79

Incident Energy (MeV)

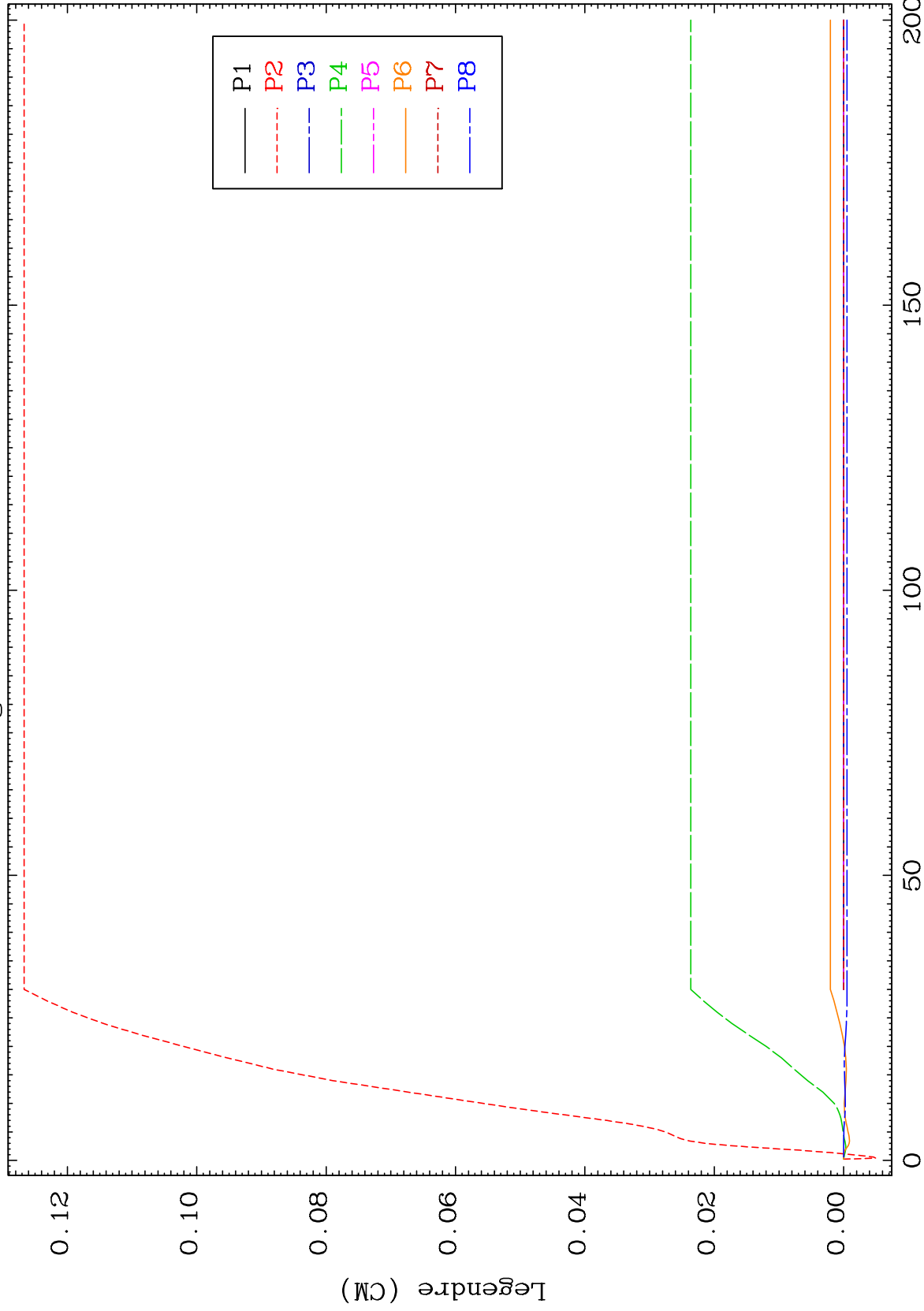
23



MAT 3525

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

35-Br-79



24

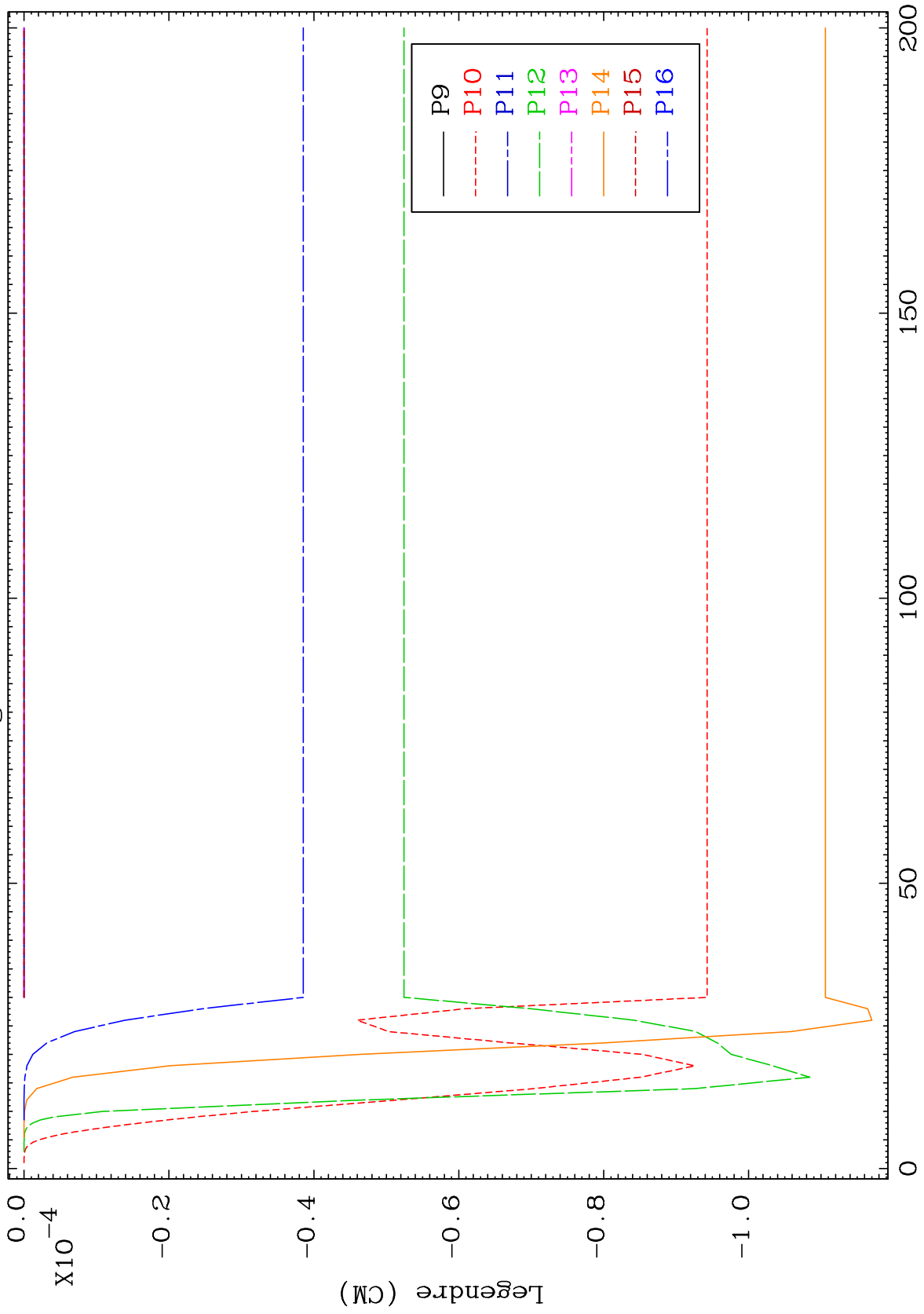
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



25

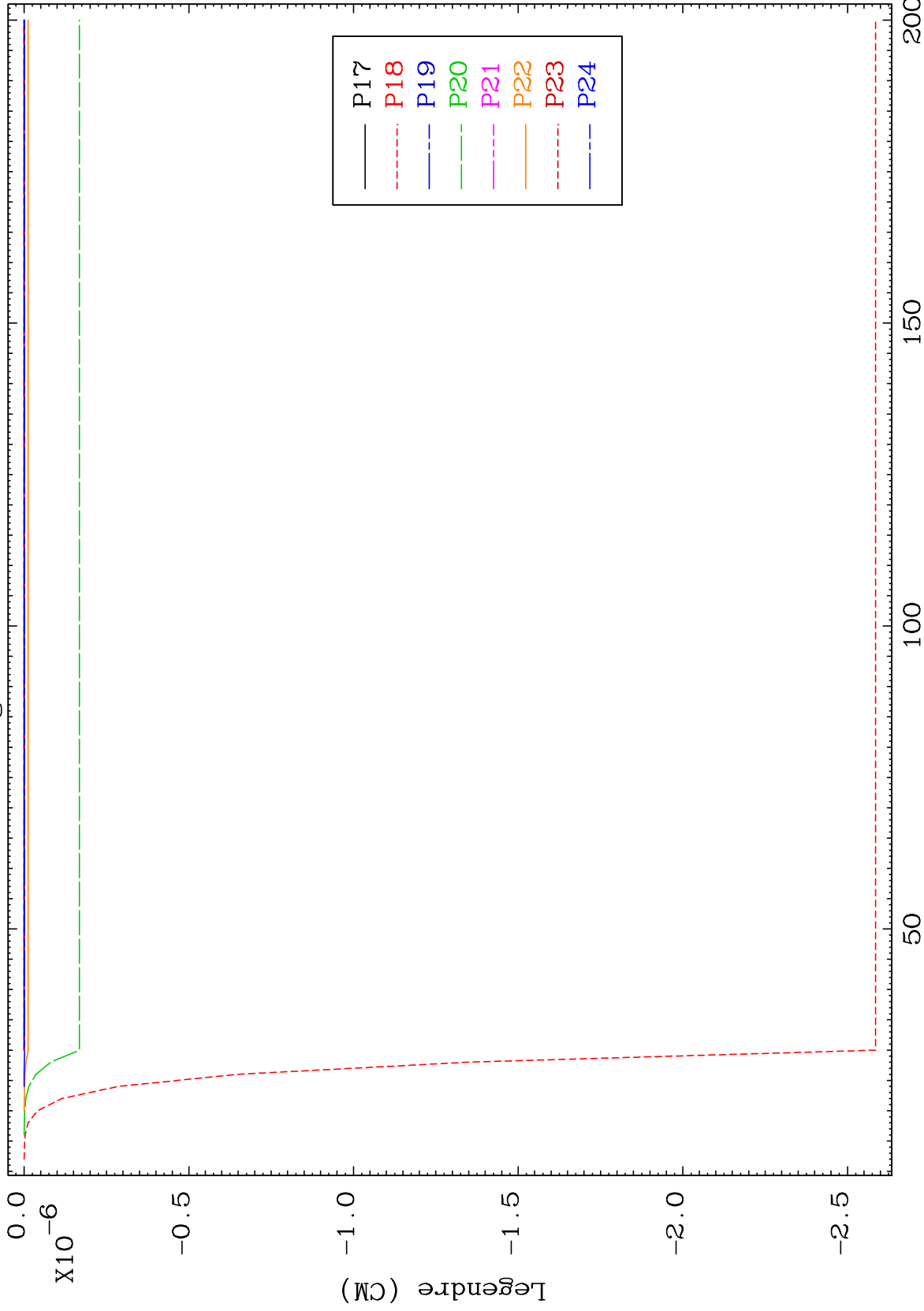
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

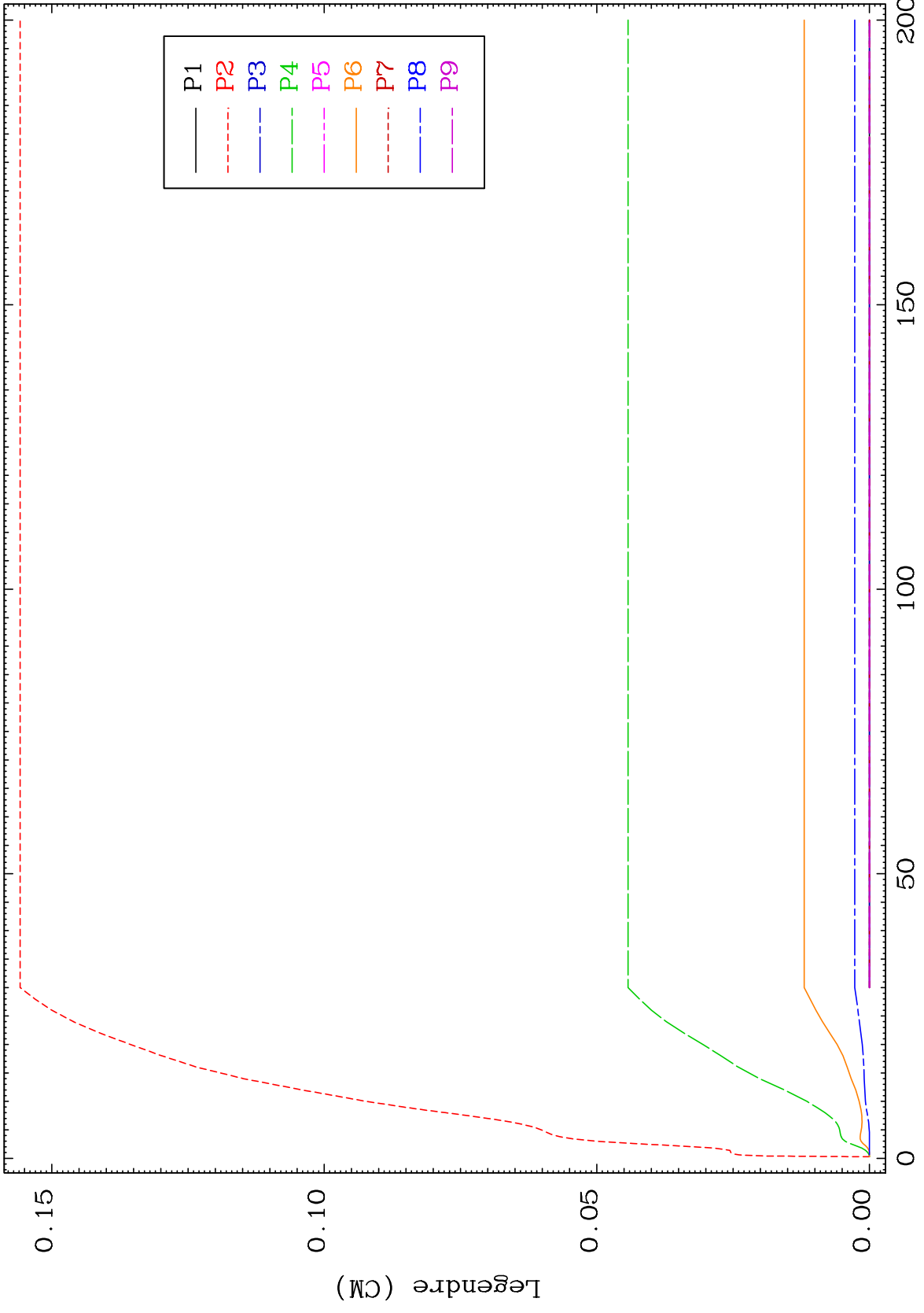


26

Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 53 (n,n') Level Legendre Coefficients 35-Br-79

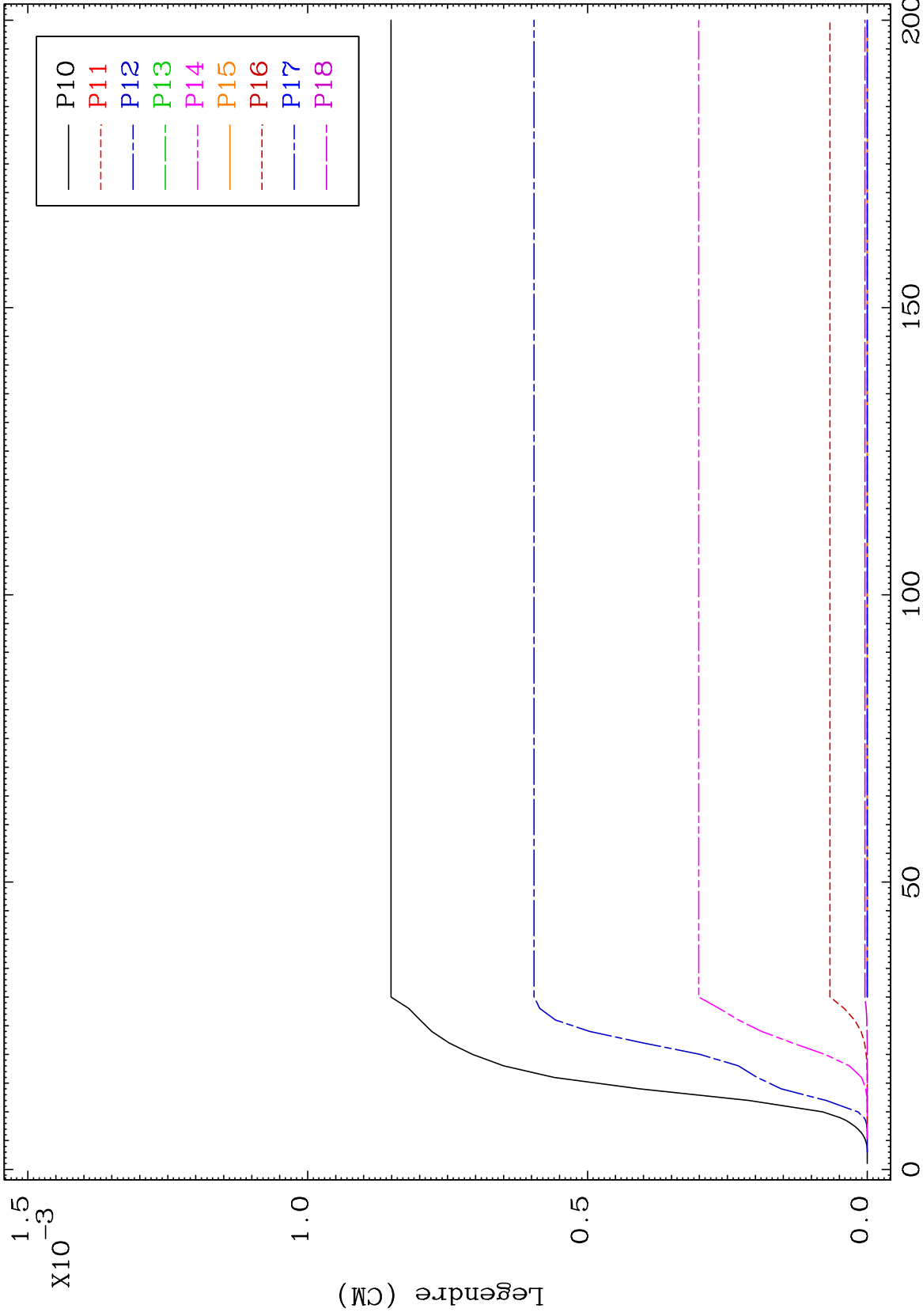


27 Incident Energy (MeV) 35-Br-79

MAT 3525

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

35-Br-79

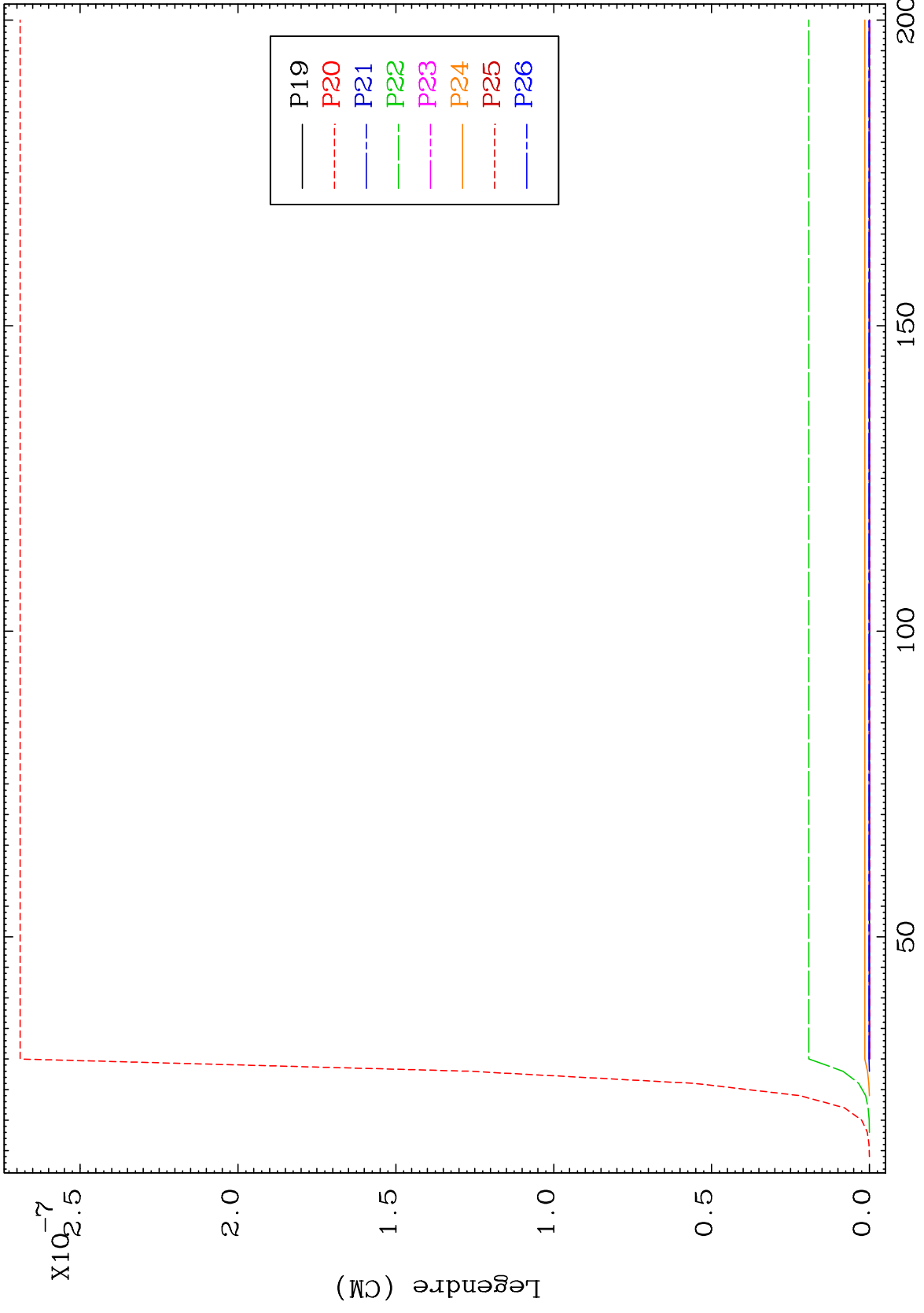


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Incident Energy (MeV)

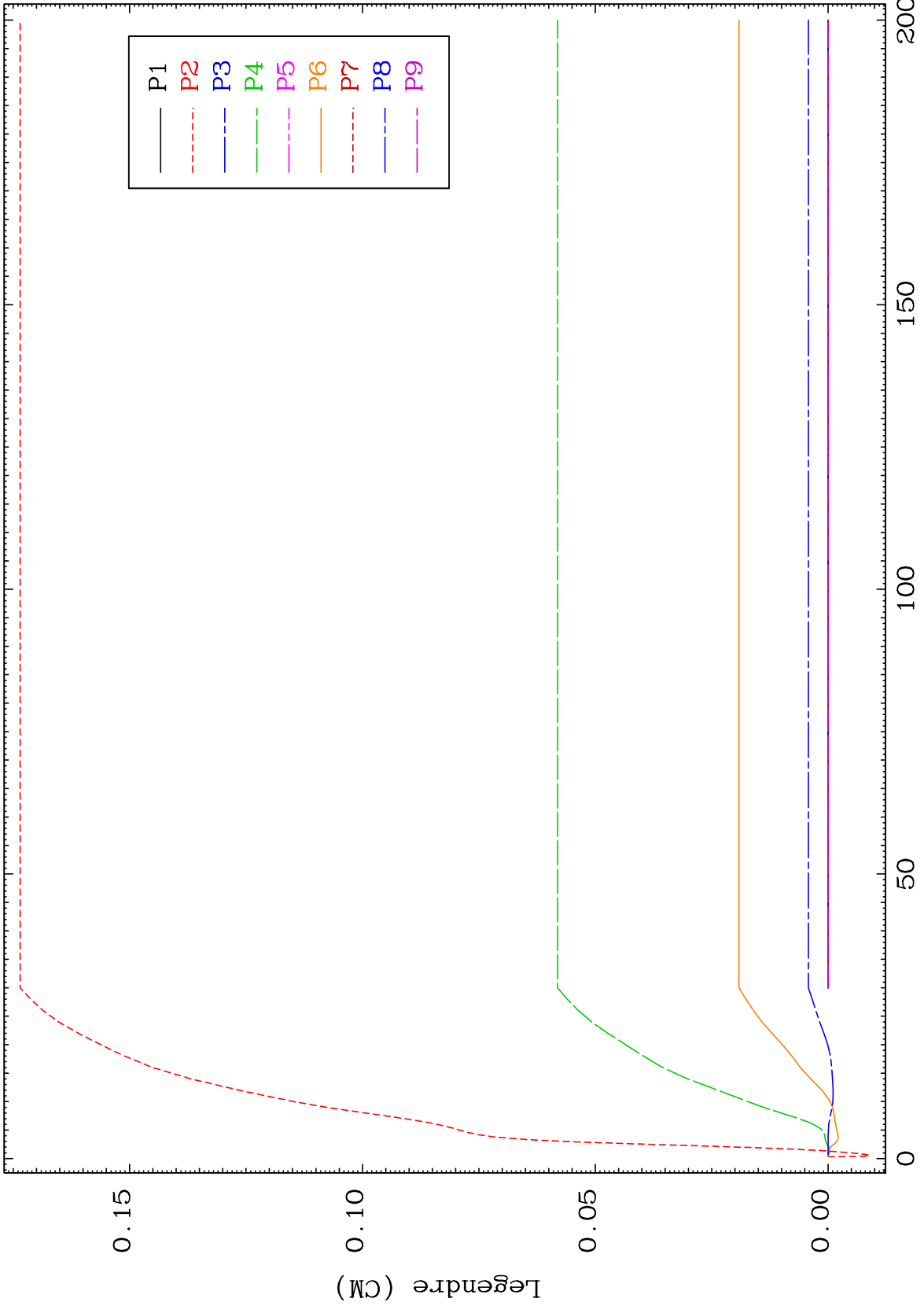
35-Br-79

MAT 3525 MT= 53 (n,n') Level Legendre Coefficients 35-Br-79

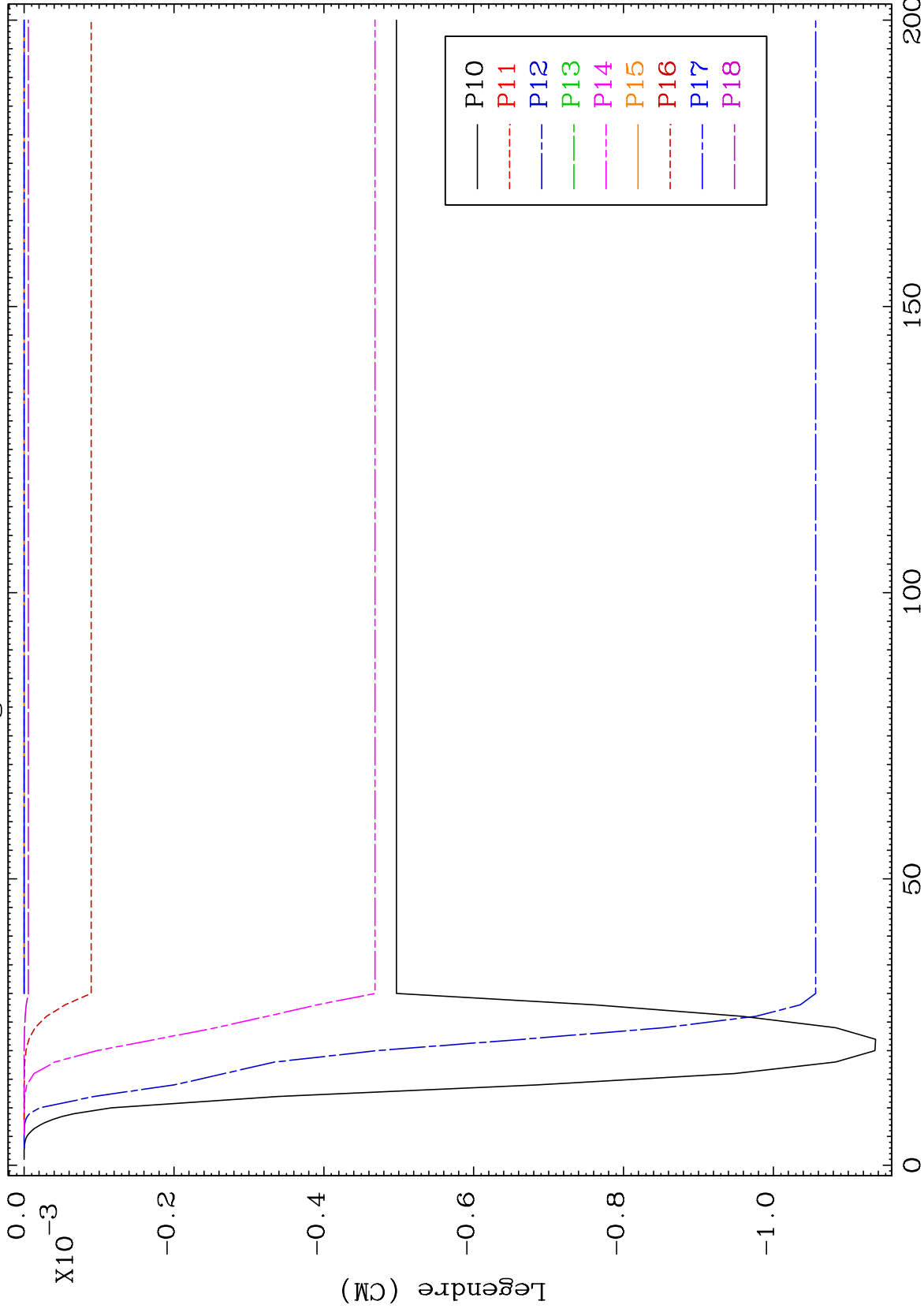


29 Incident Energy (MeV) 35-Br-79

MAT 3525 MT= 54 (n,n') Level Legendre Coefficients 35-Br-79

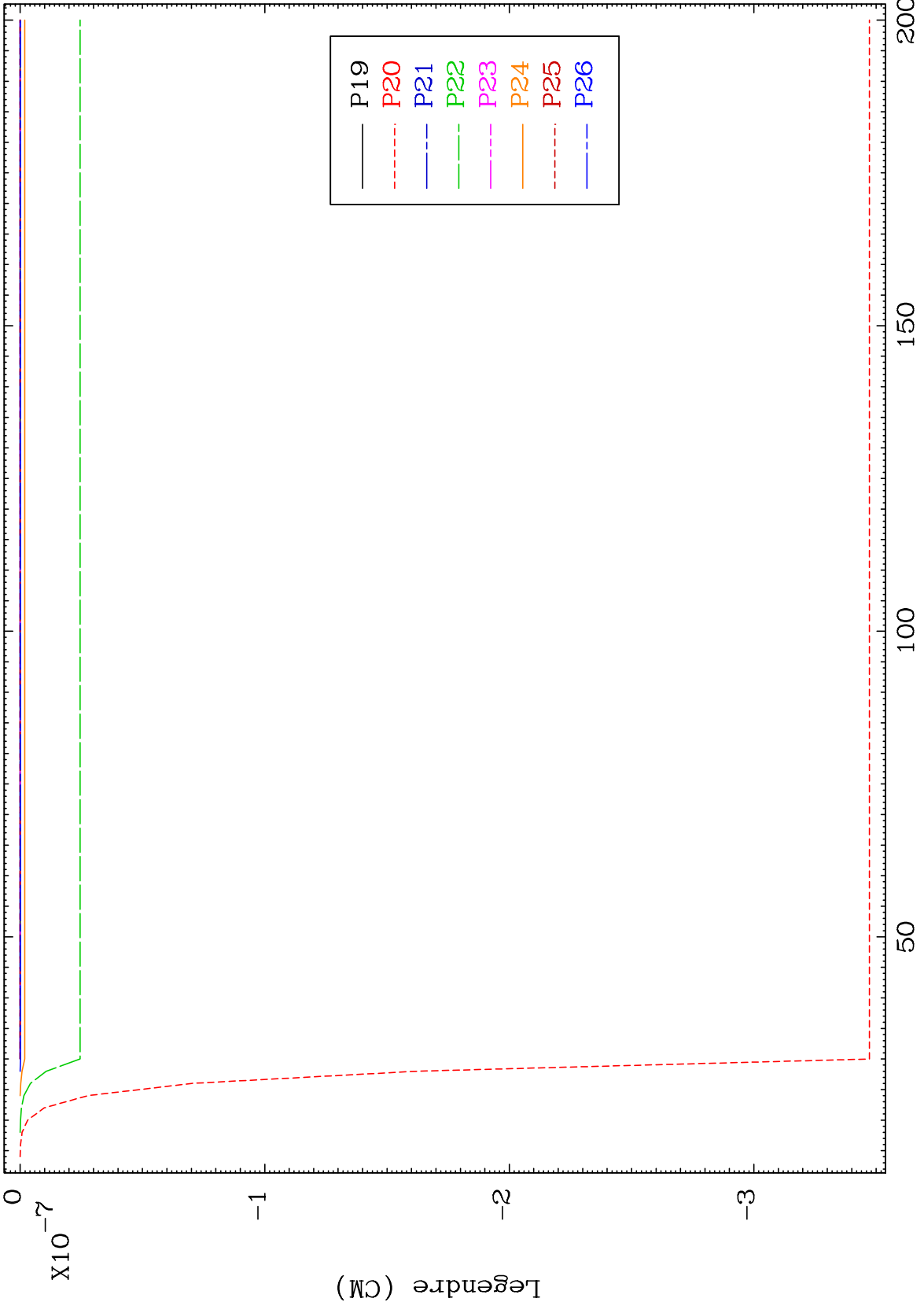


Legendre (CM) Incident Energy (MeV) 35-Br-79





MAT 3525 MT= 54 (n,n') Level Legendre Coefficients 35-Br-79

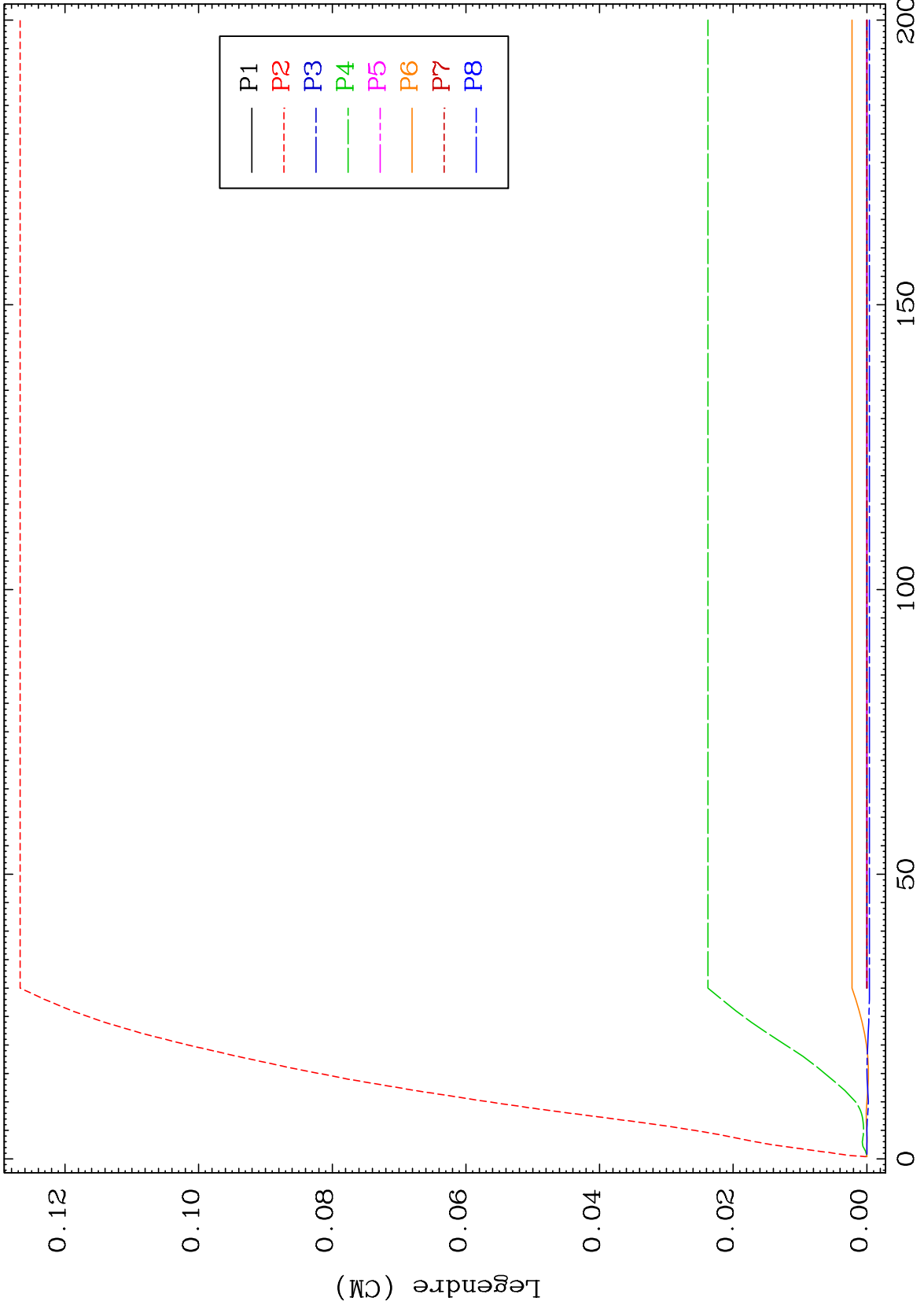


32 35-Br-79

MAT 3525

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

35-Br-79



33

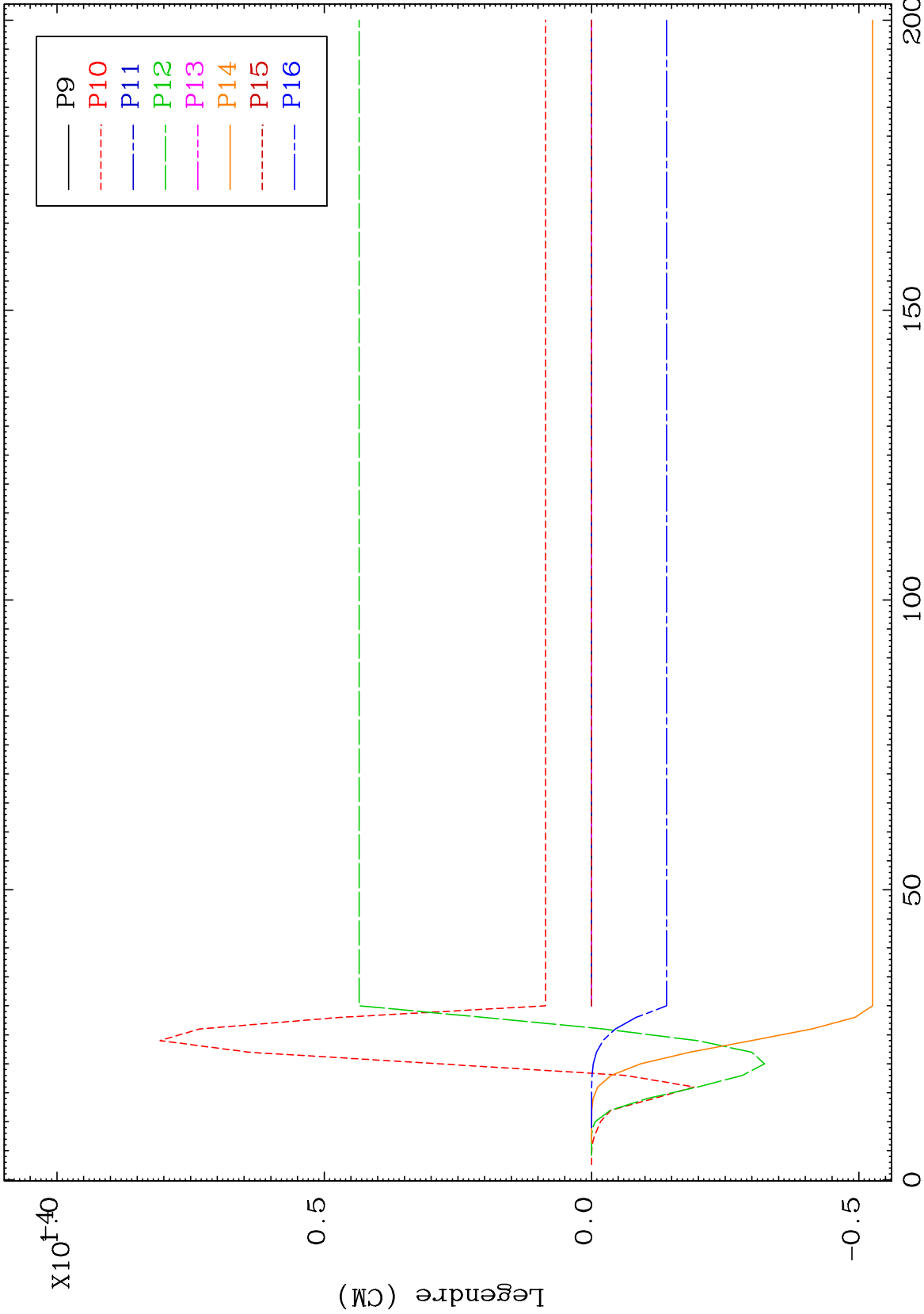
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

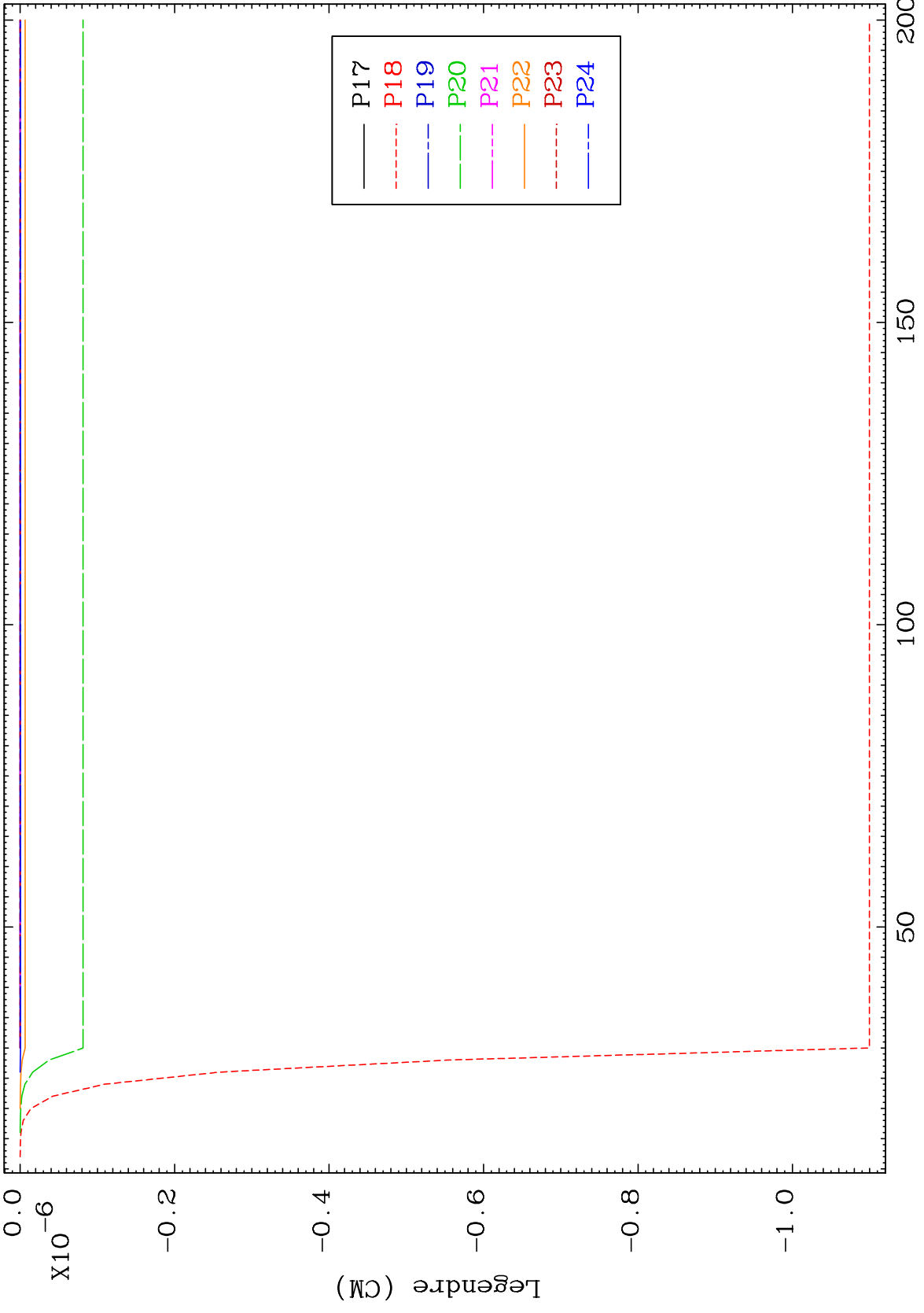


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Incident Energy (MeV)

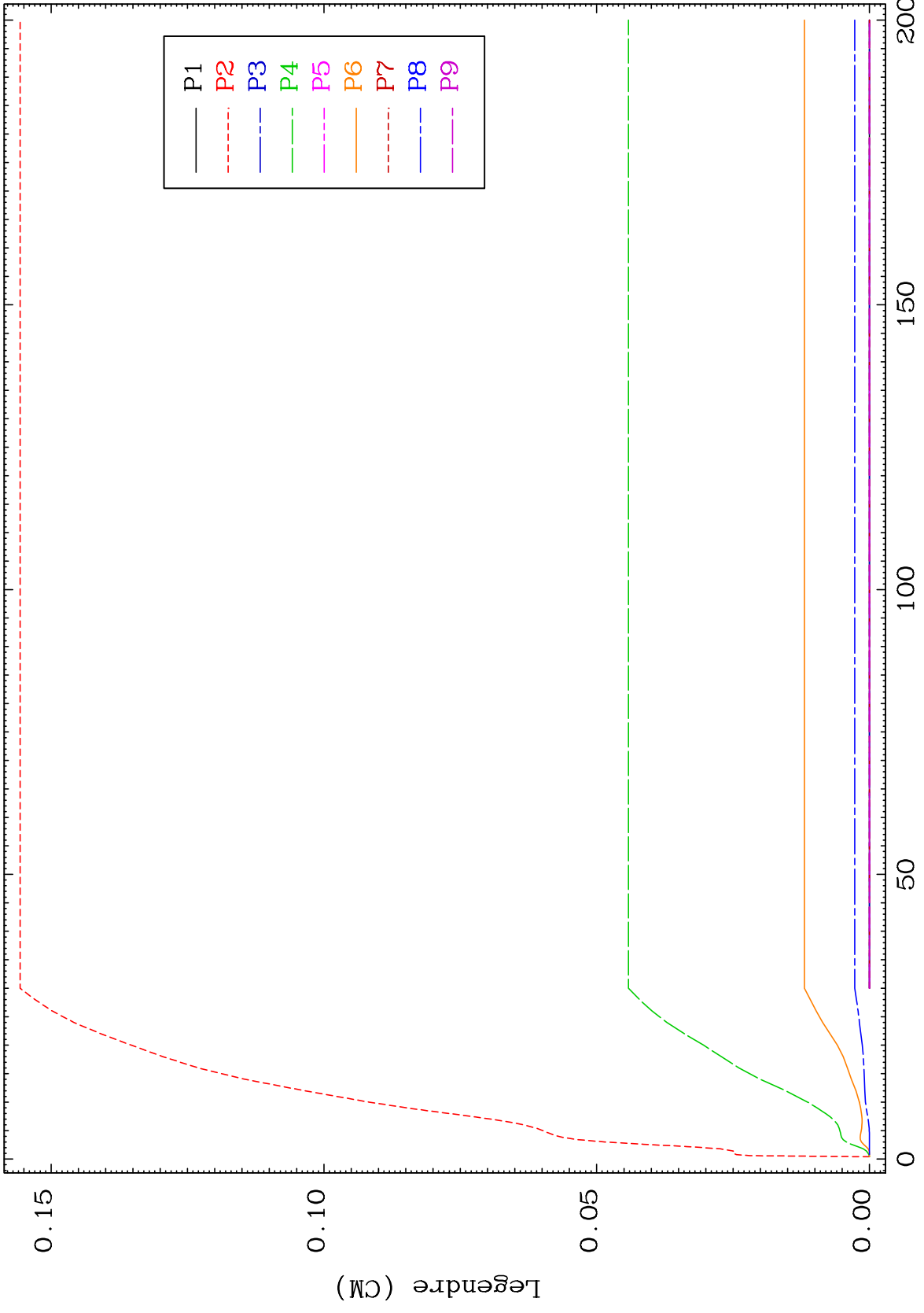
35-Br-79

MAT 3525 MT= 55 (n,n') Level Legendre Coefficients 35-Br-79



35 Incident Energy (MeV) 35-Br-79

MAT 3525 MT= 56 (n,n') Level Legendre Coefficients 35-Br-79

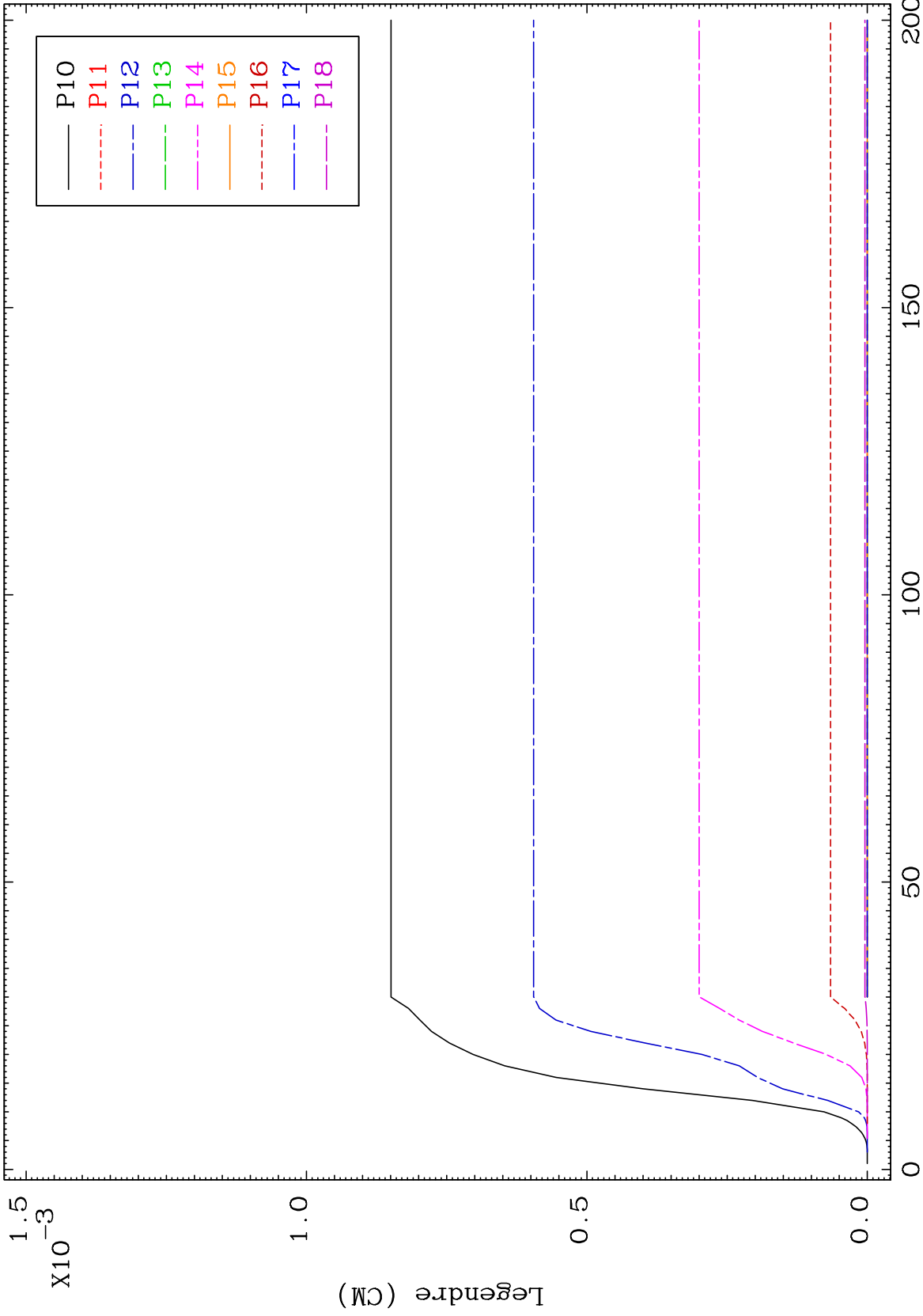


36 35-Br-79

MAT 3525

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

35-Br-79

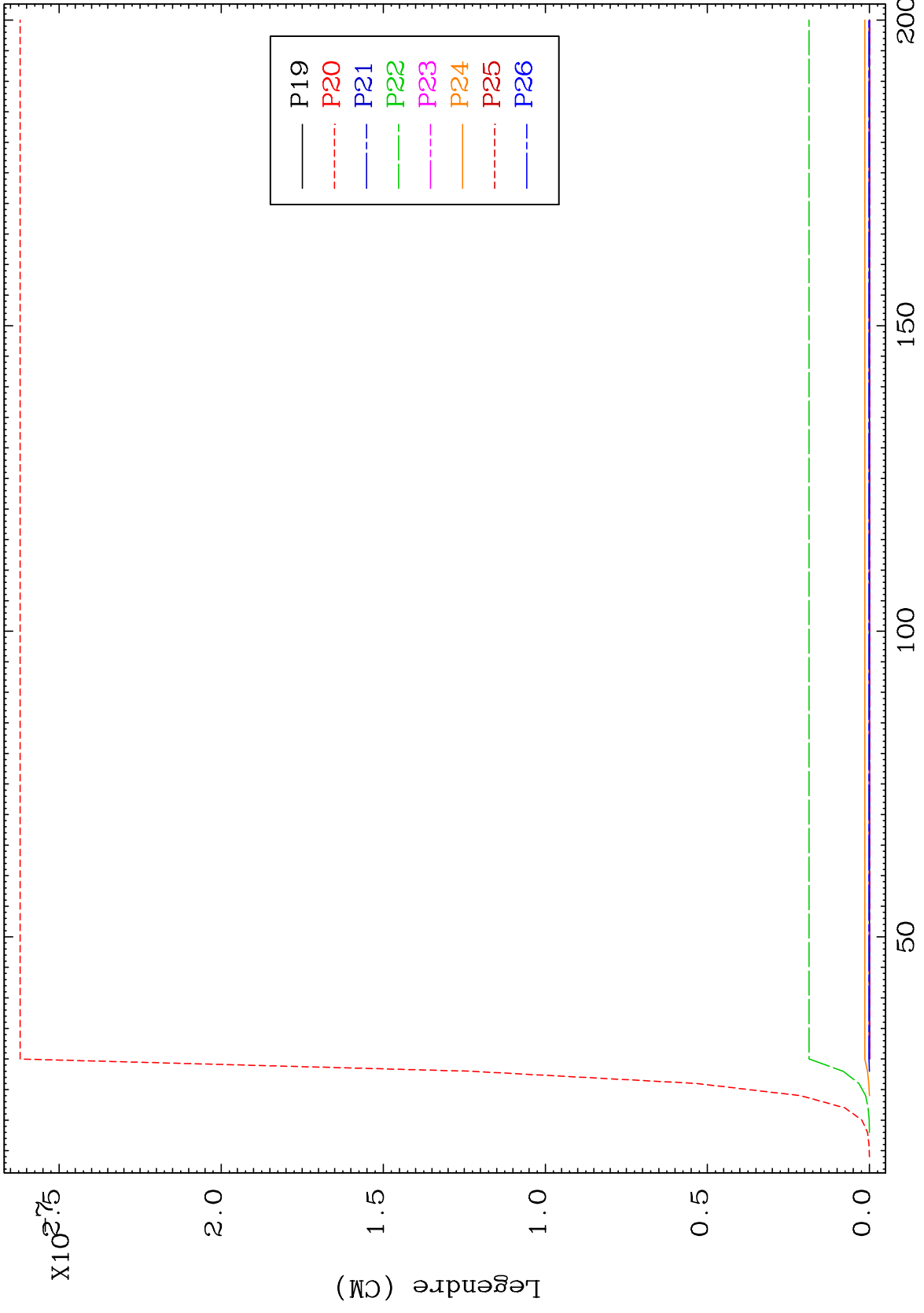


37

Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 56 (n,n') Level Legendre Coefficients 35-Br-79

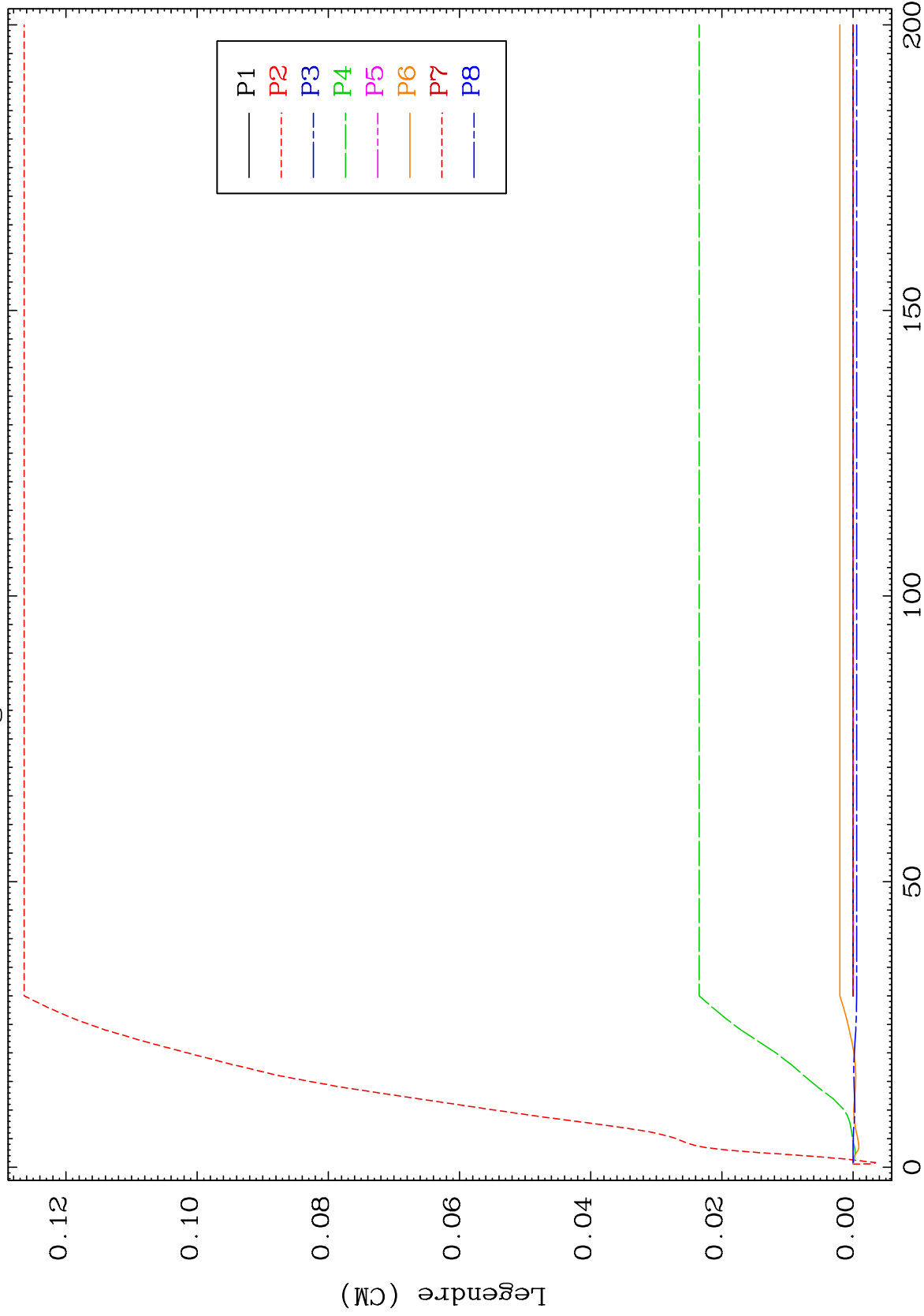


38 35-Br-79

MAT 3525

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

35-Br-79



39

Incident Energy (MeV)

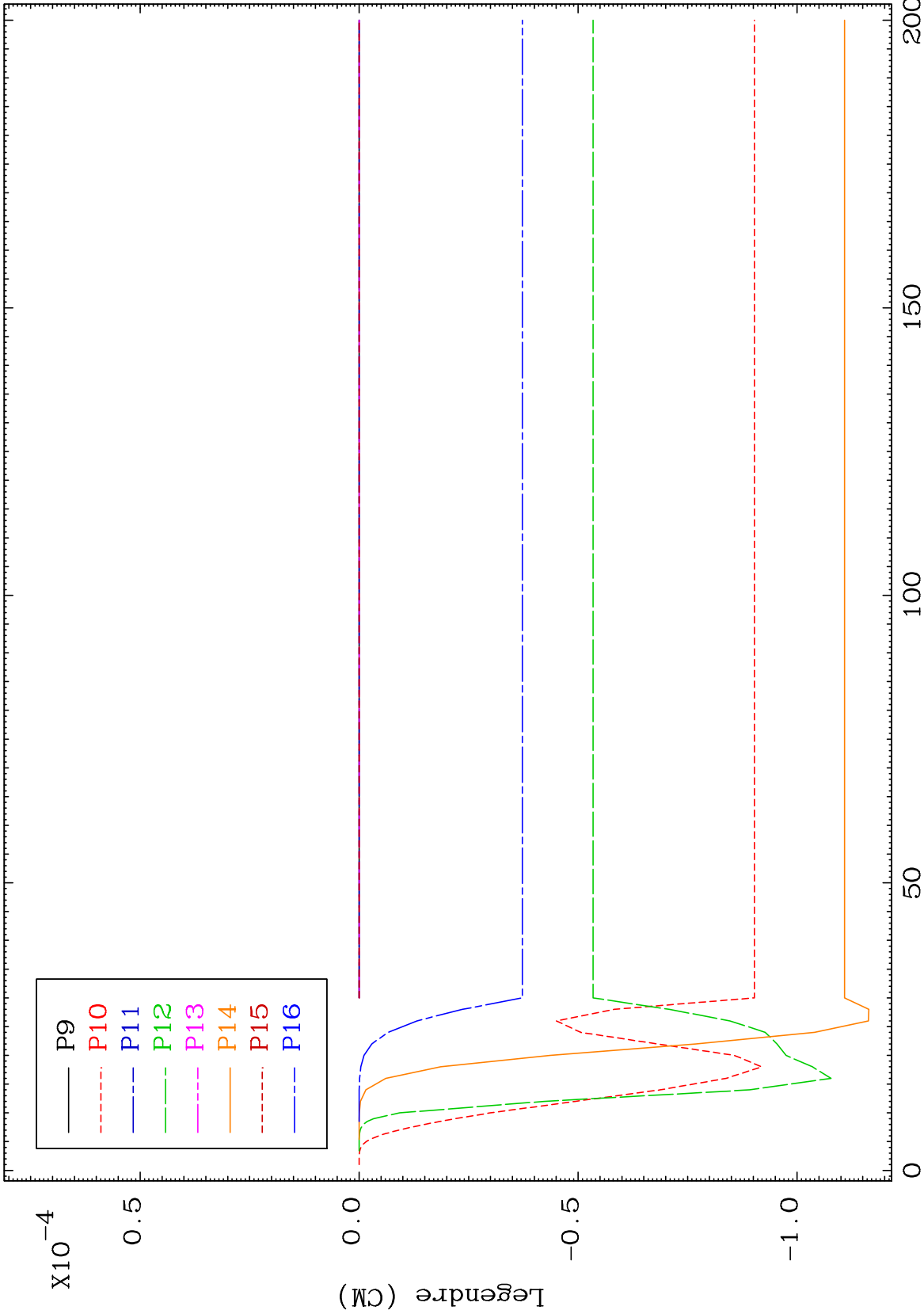
35-Br-79



MAT 3525

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

35-Br-79



40

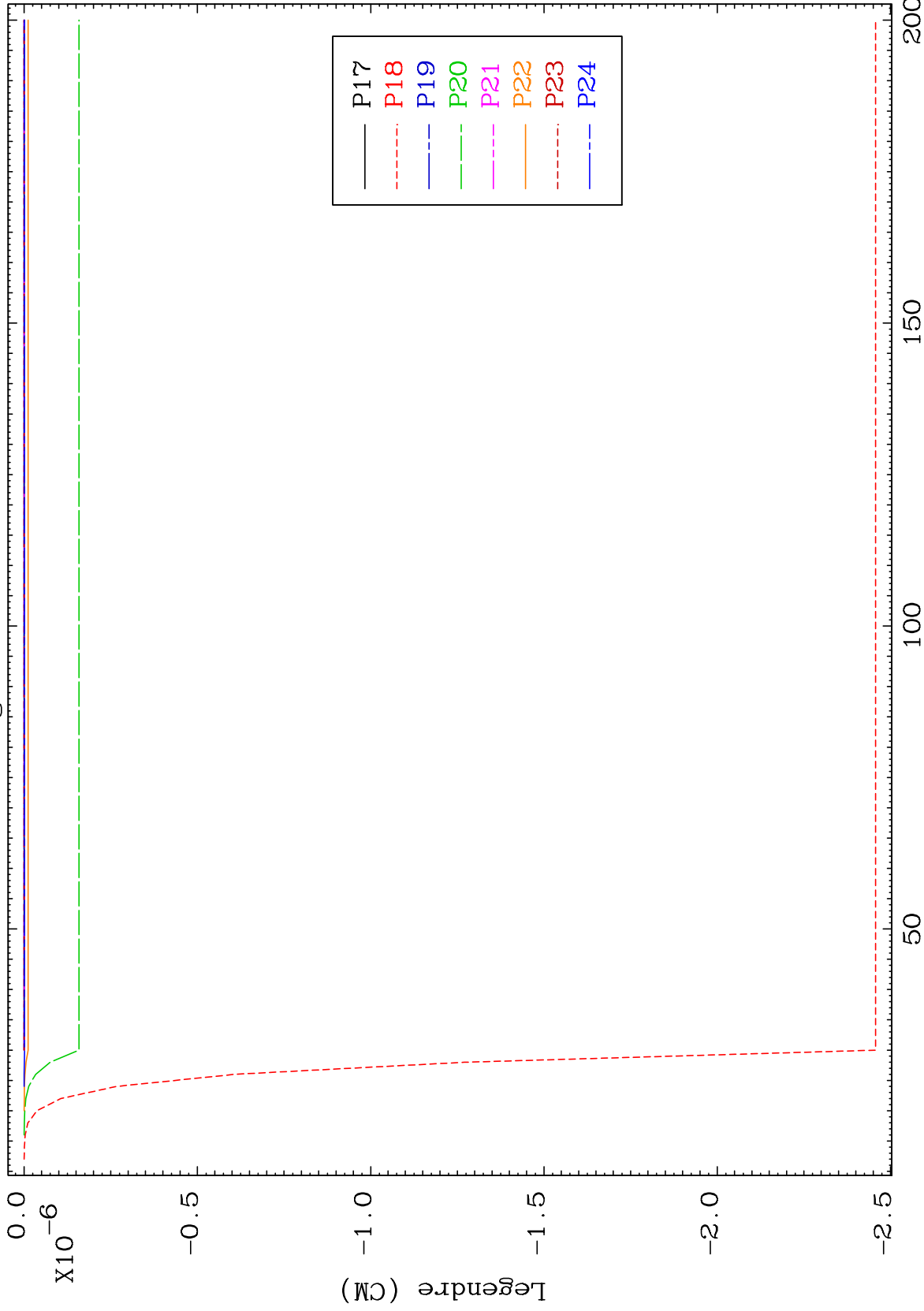
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

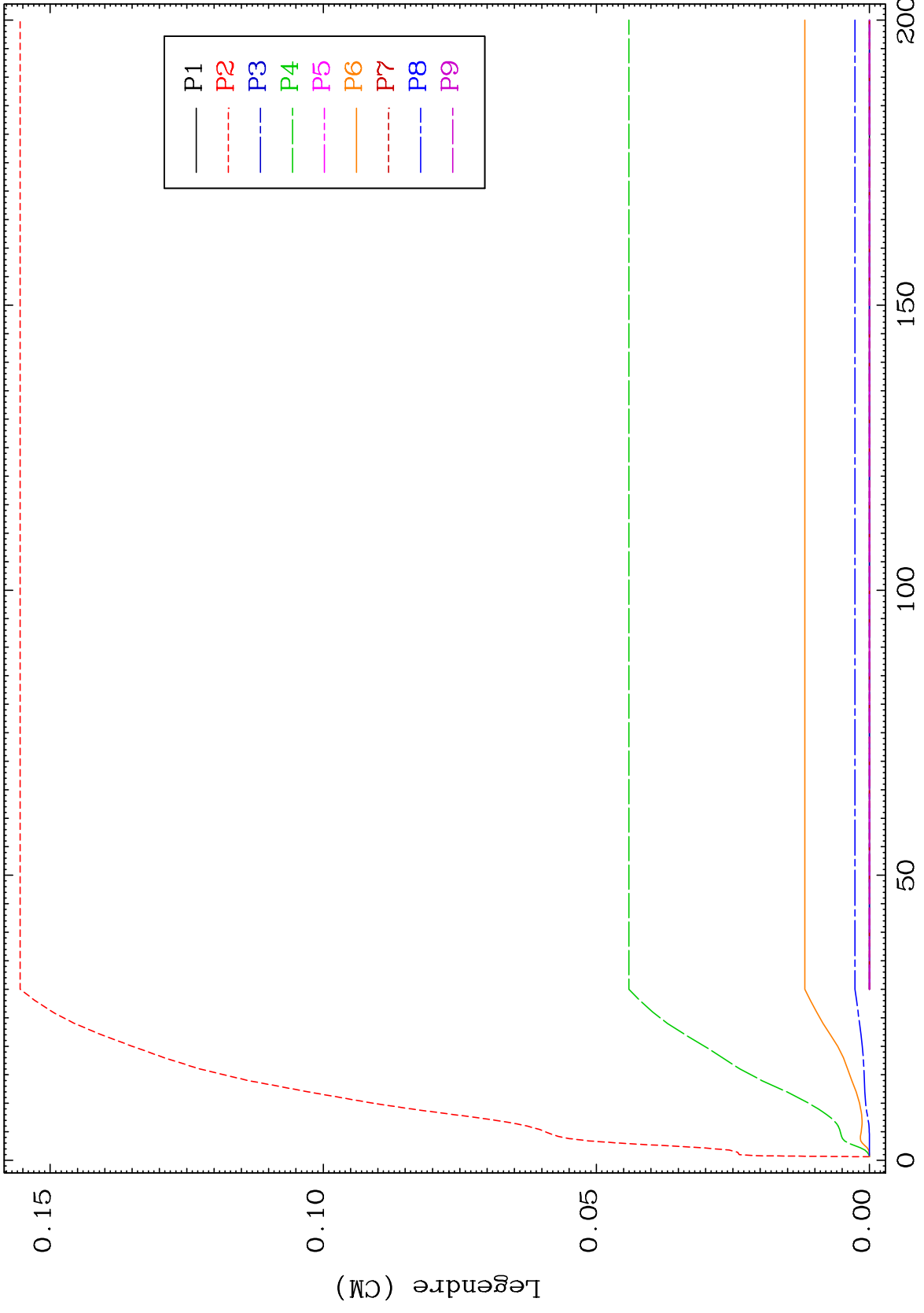


41

Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 58 (n,n') Level Legendre Coefficients 35-Br-79

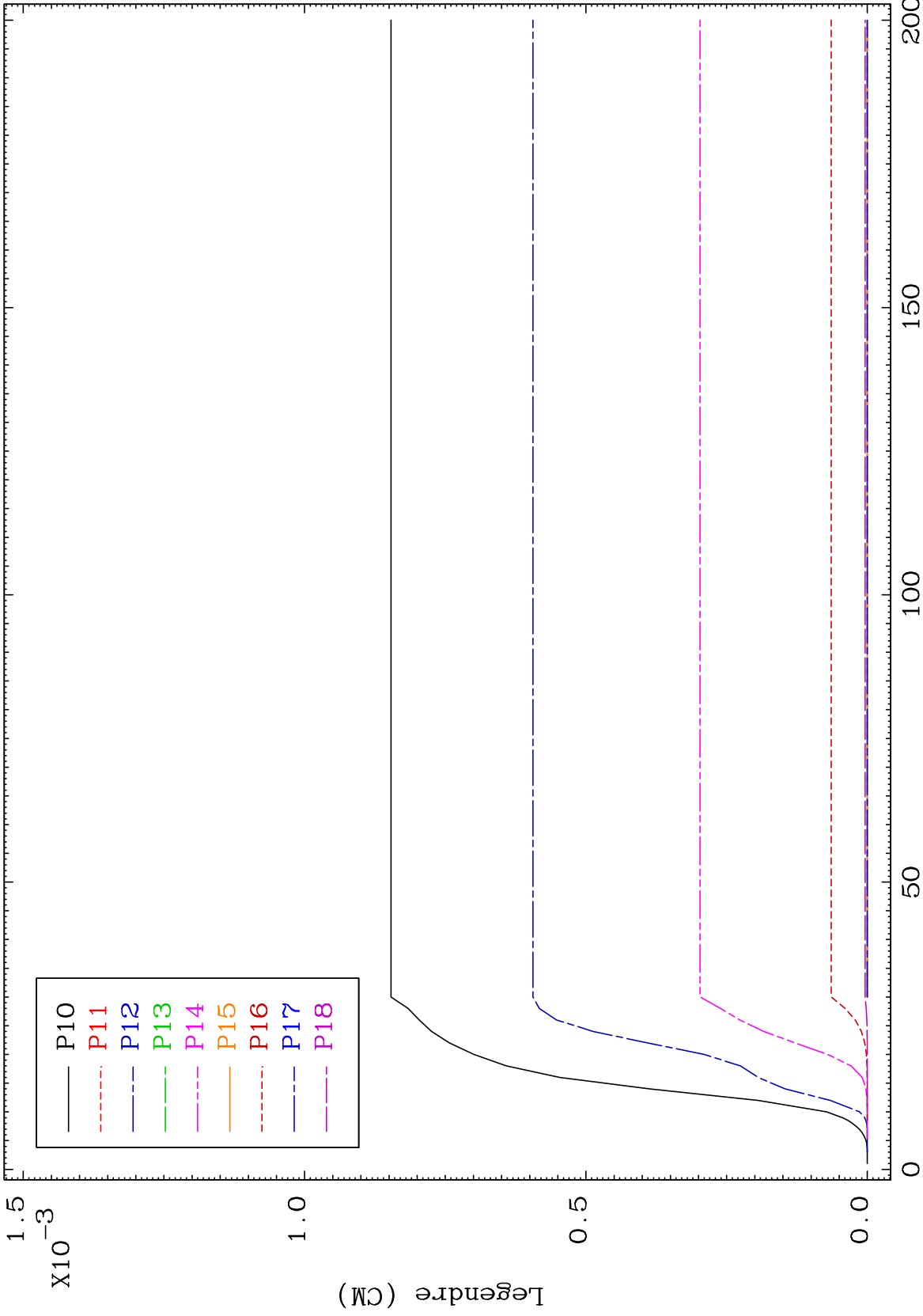


42 35-Br-79

MAT 3525

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

35-Br-79



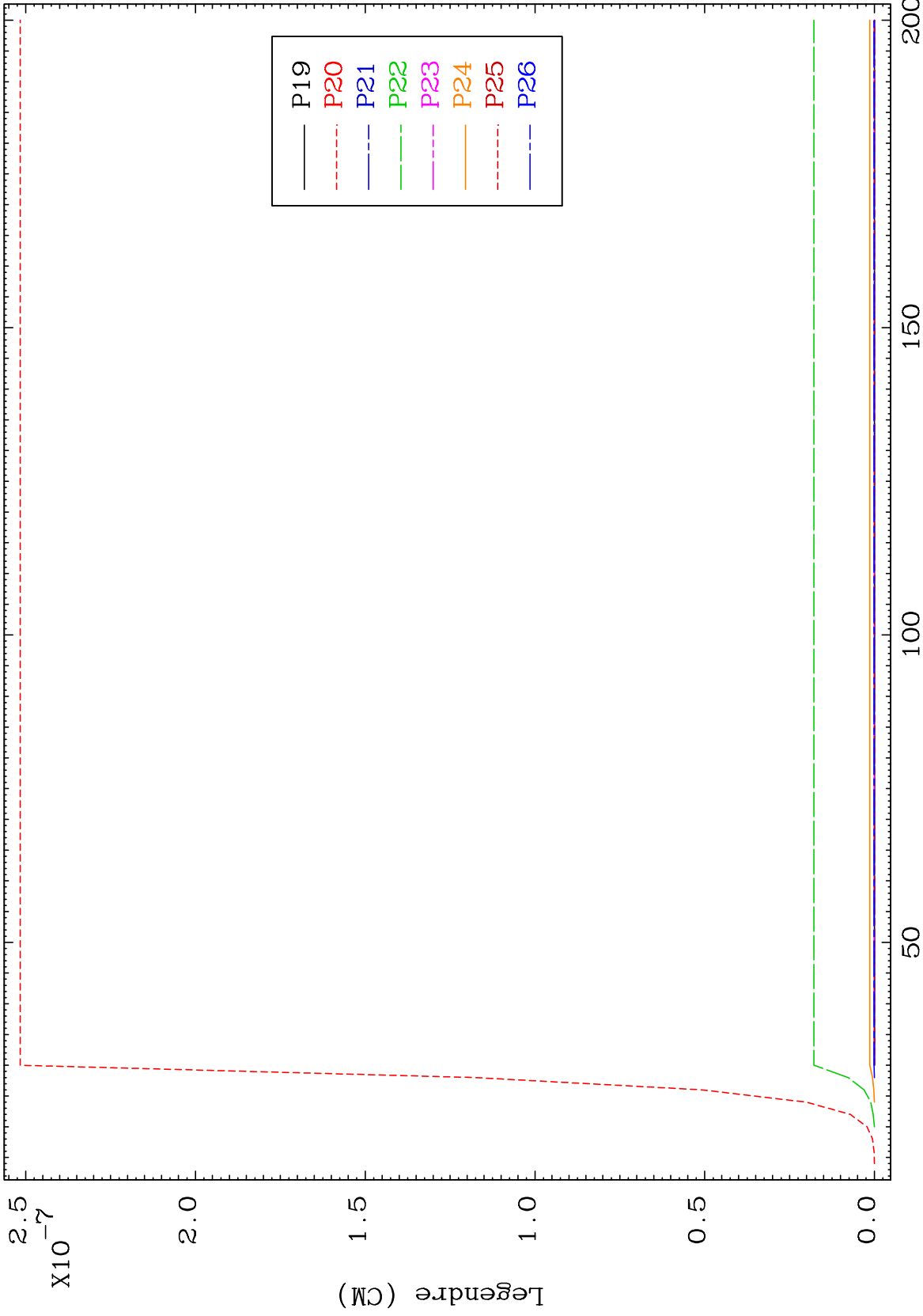
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35-Br-79

MAT 3525

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

35-Br-79



44

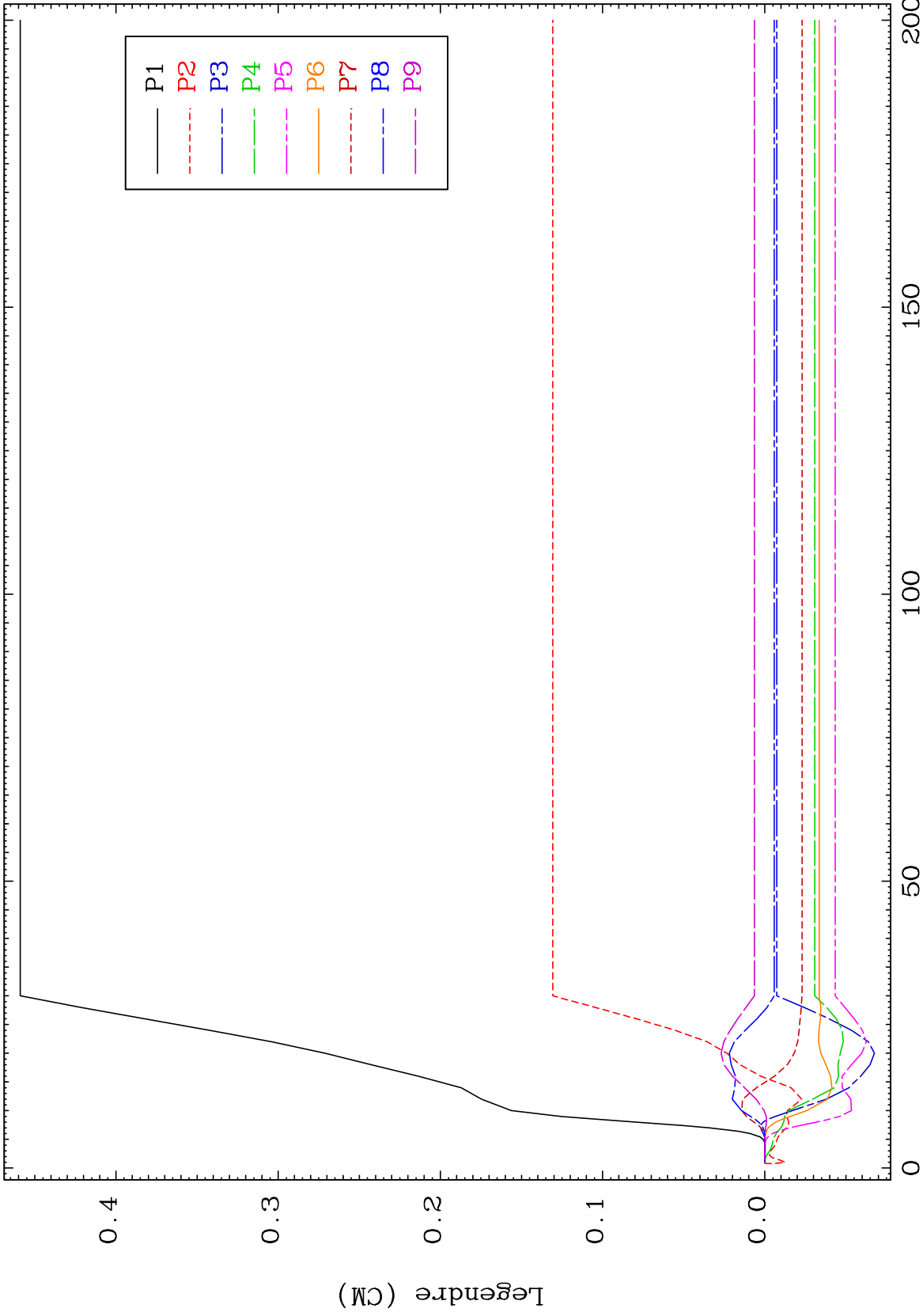
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

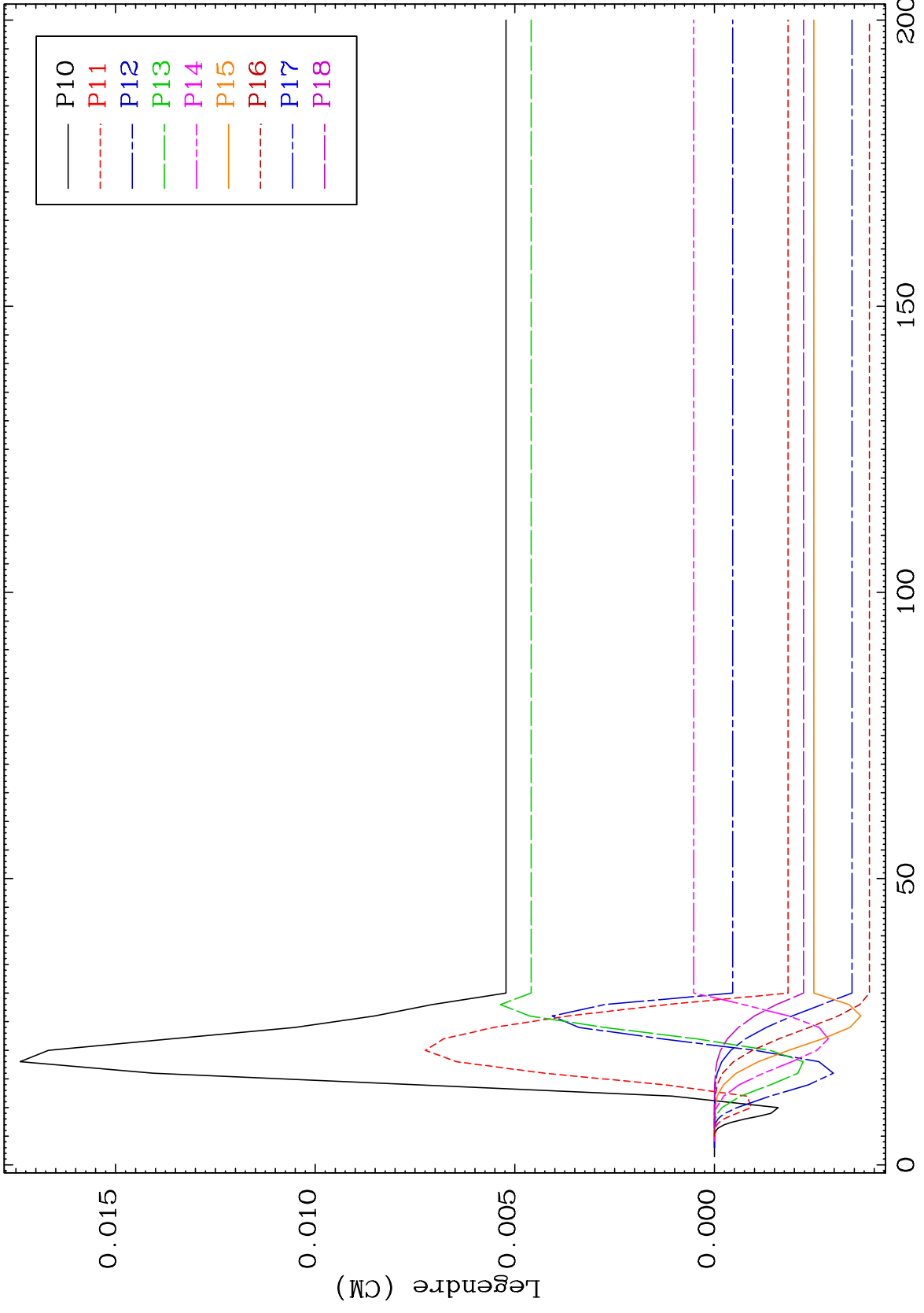


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Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 59 (n,n') Level Legendre Coefficients 35-Br-79

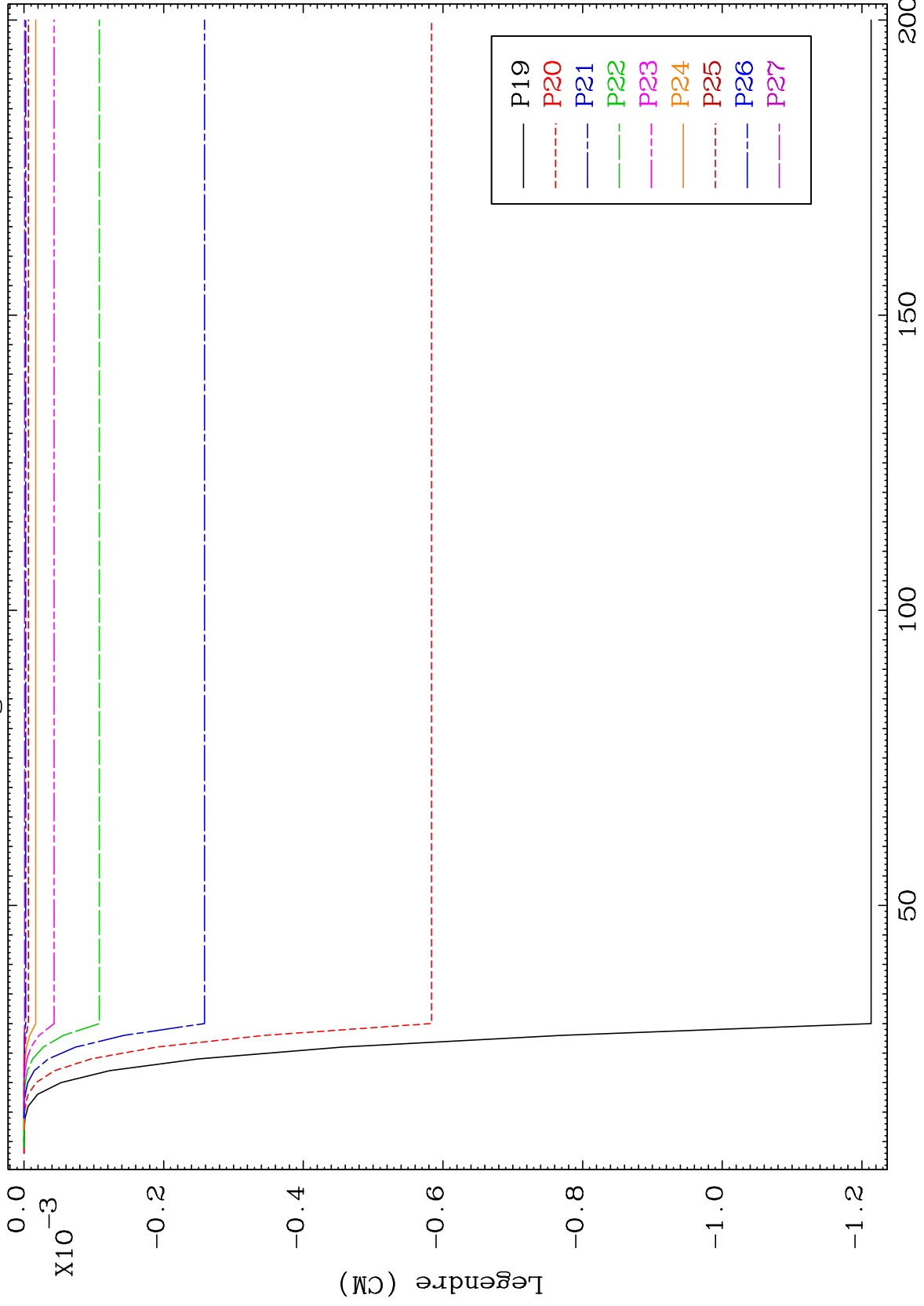


46 35-Br-79

MAT 3525

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

35-Br-79



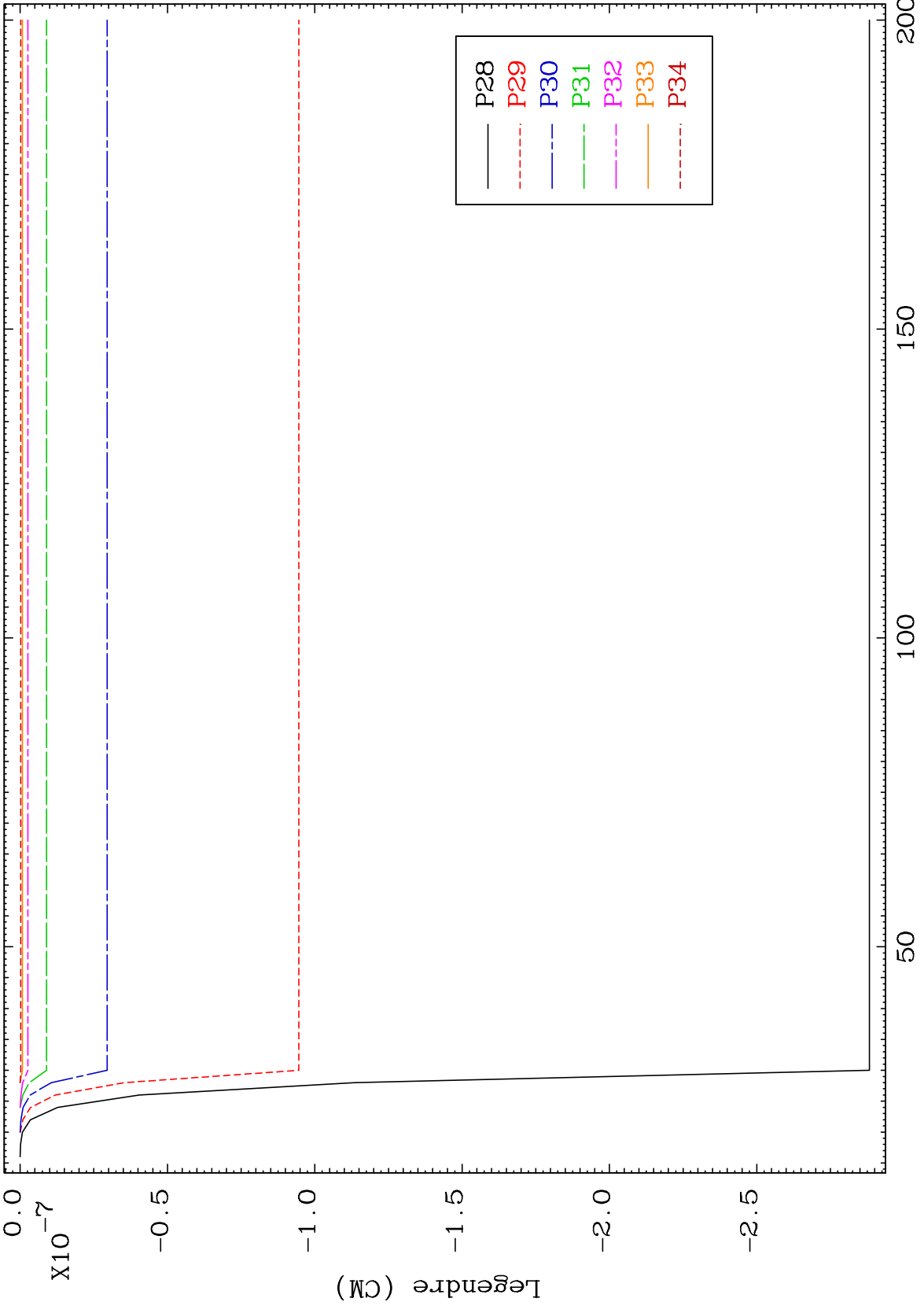
35-Br-79

Incident Energy (MeV)

47

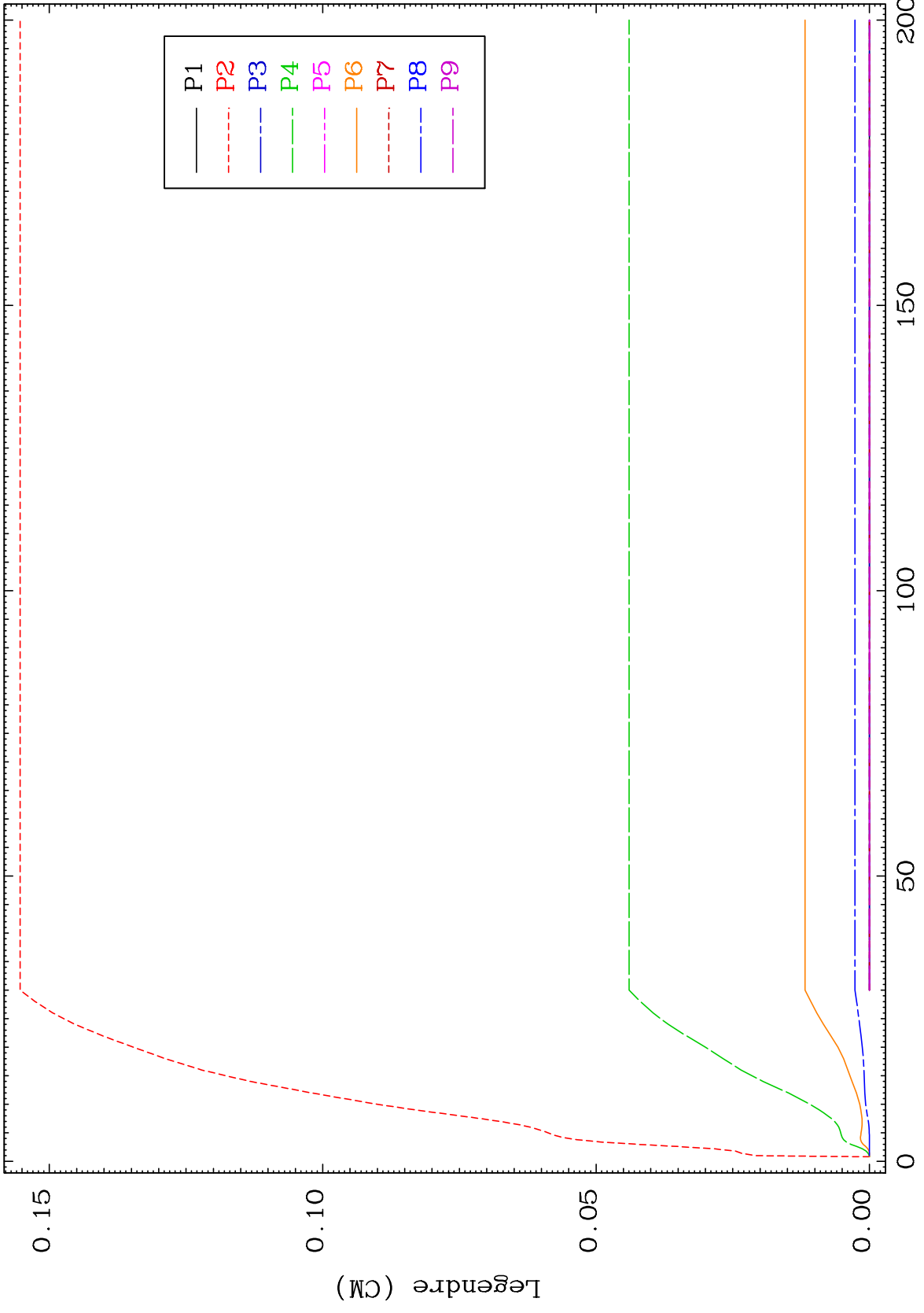


MAT 3525 MT= 59 (n,n') Level Legendre Coefficients 35-Br-79



48 Incident Energy (MeV) 35-Br-79

MAT 3525 MT= 60 (n,n') Level Legendre Coefficients 35-Br-79

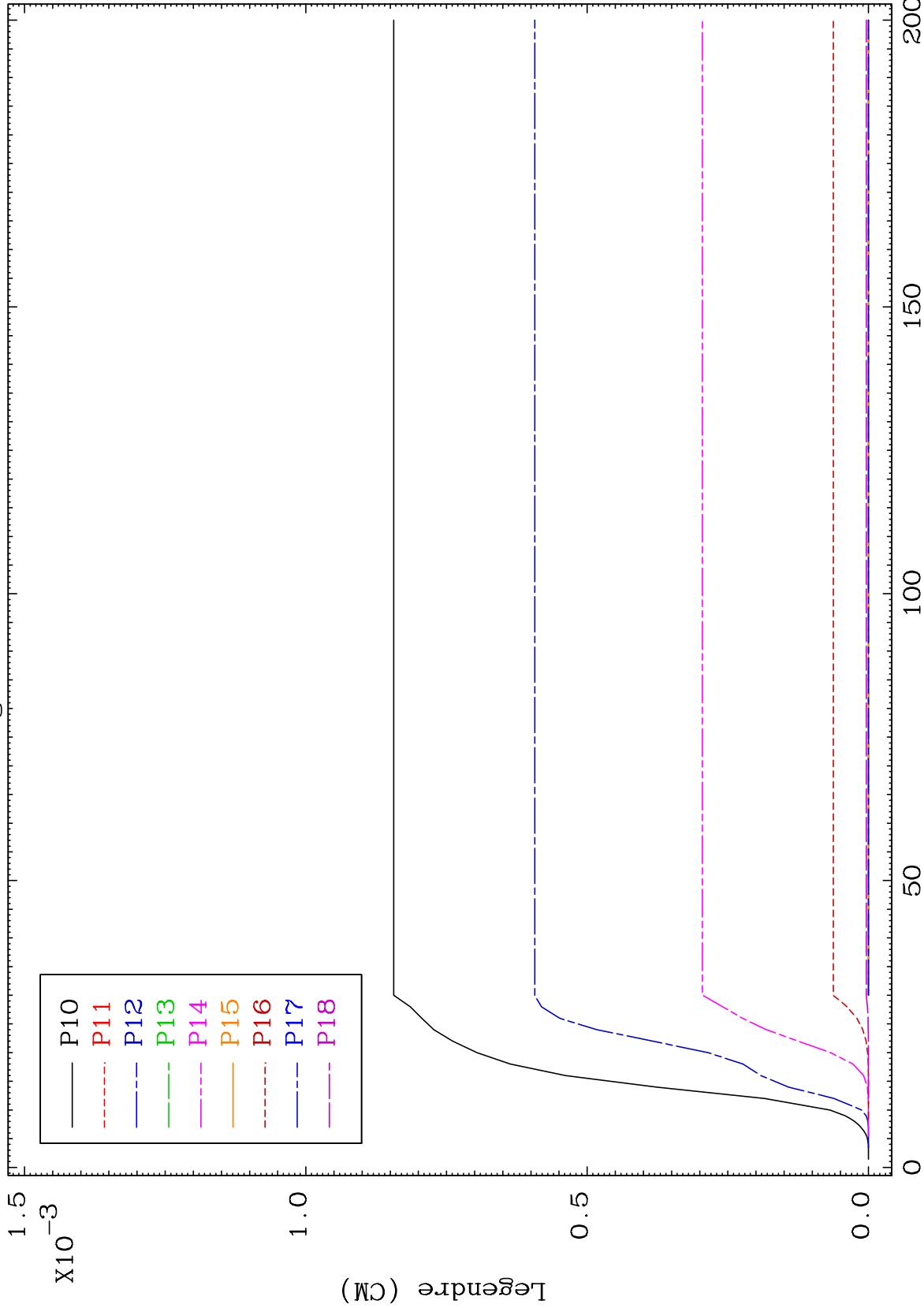


Legendre (CM) Incident Energy (MeV) 49 35-Br-79

MAT 3525

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

35-Br-79

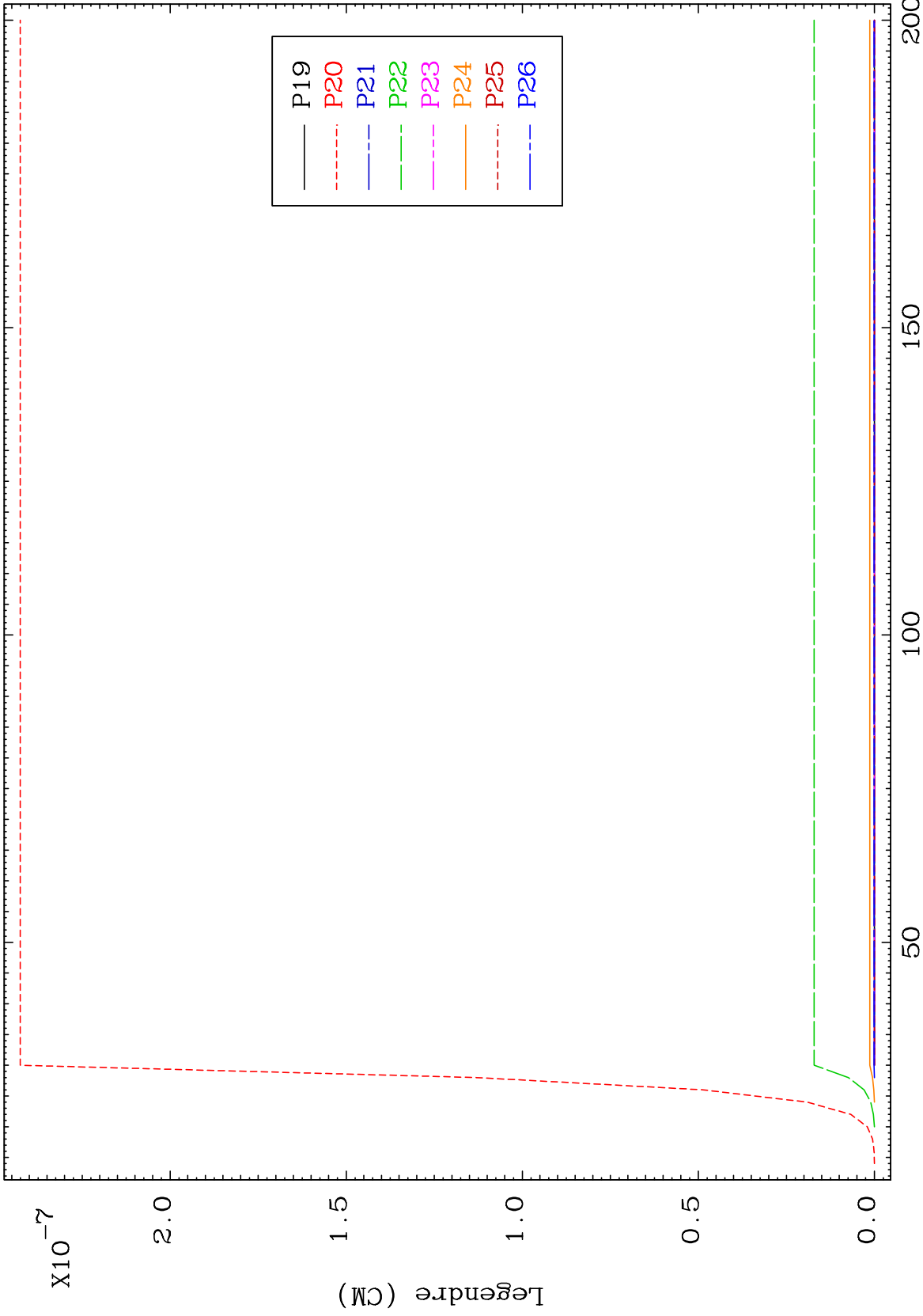


35-Br-79

MAT 3525

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

35-Br-79



51

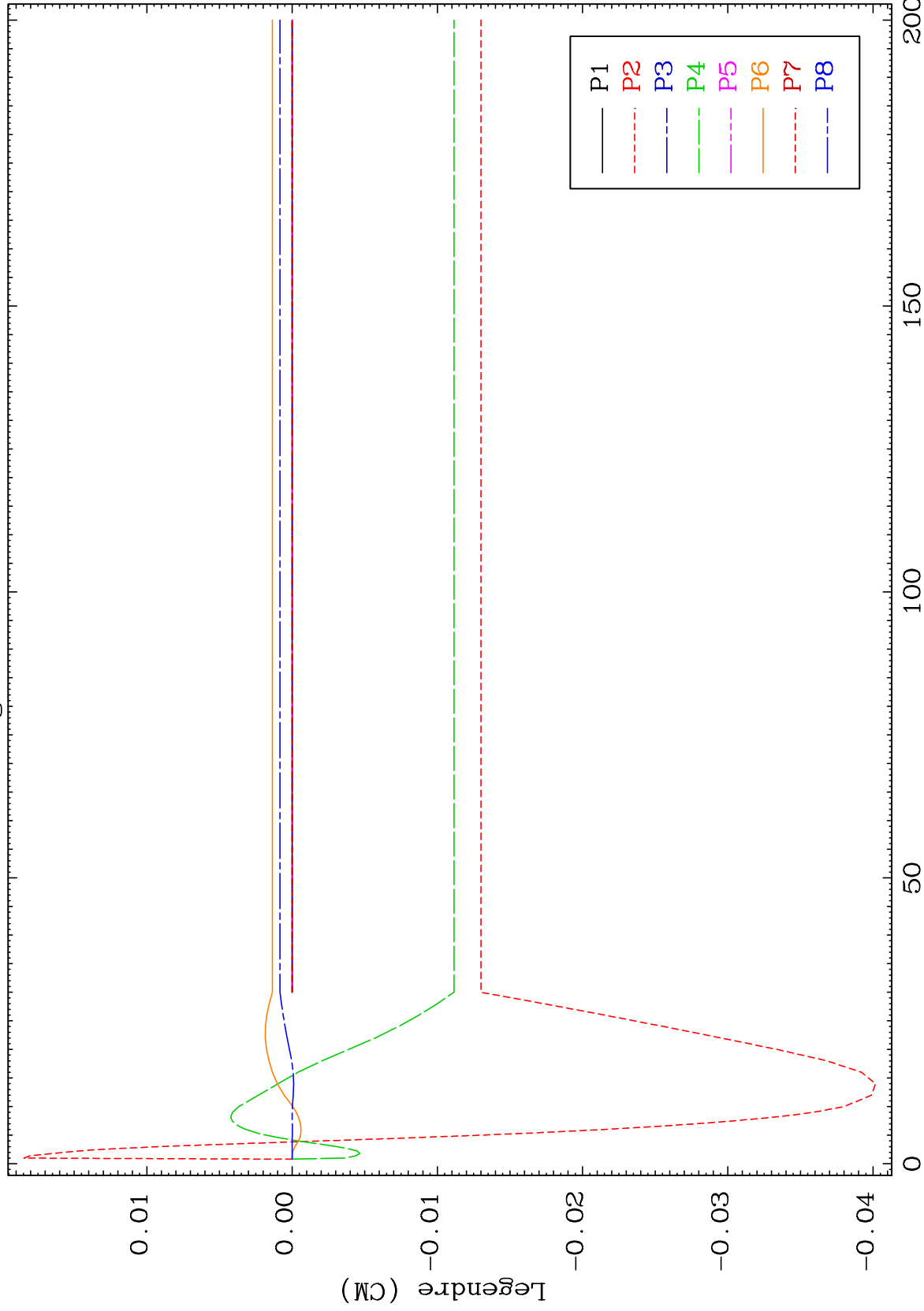
Incident Energy (MeV)

35-Br-79

MAT 3525

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

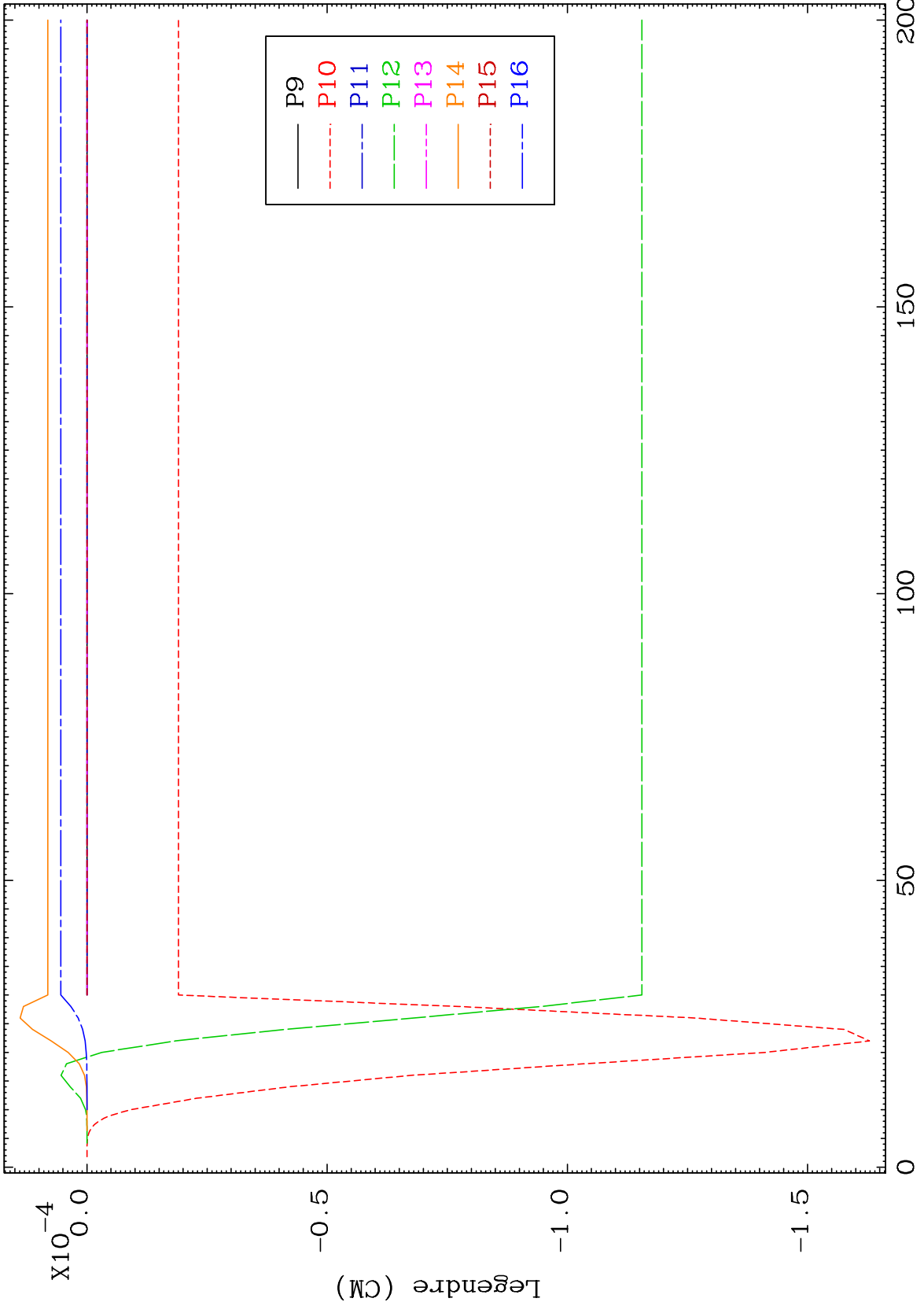
35-Br-79



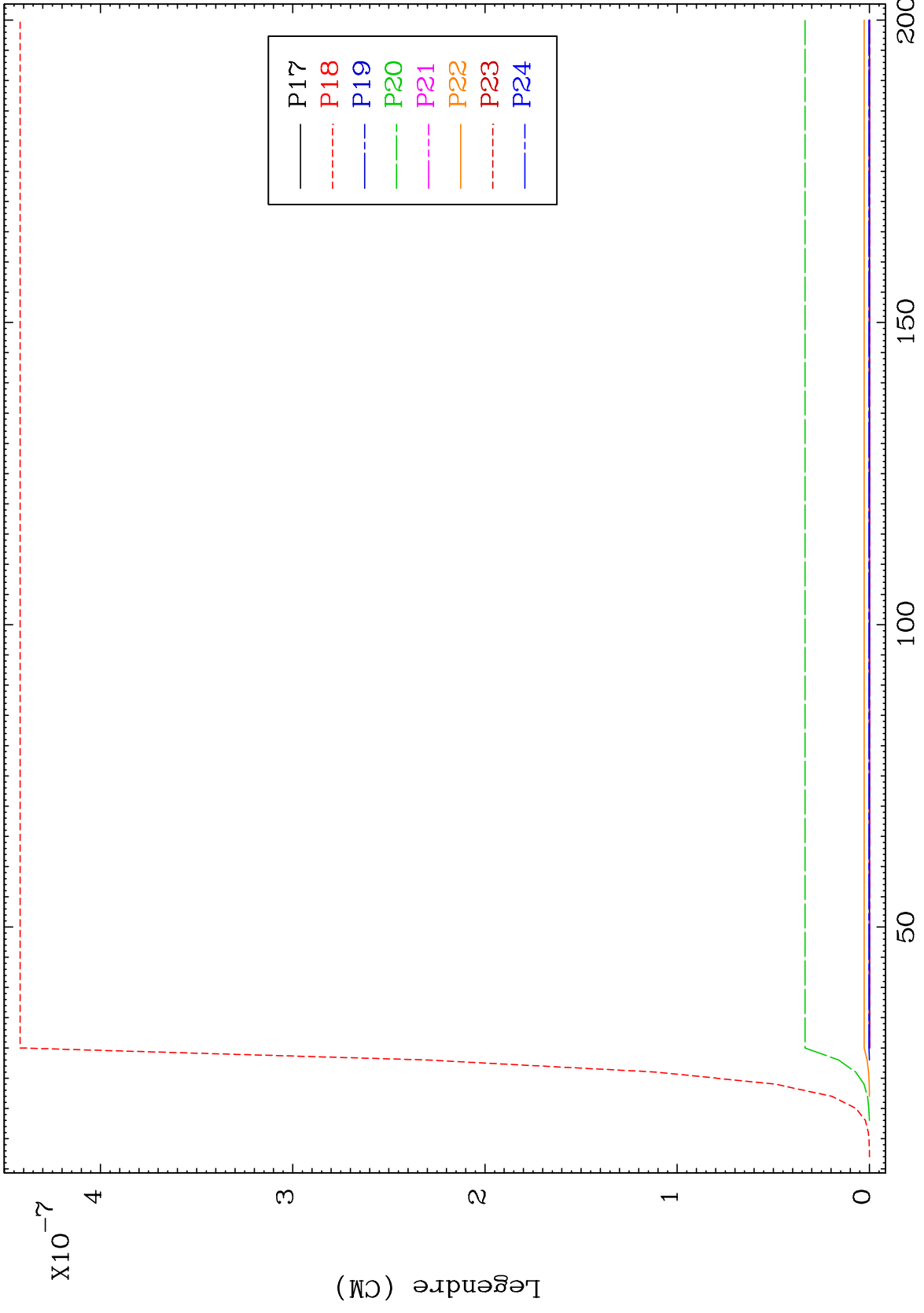
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Incident Energy (MeV)

35-Br-79

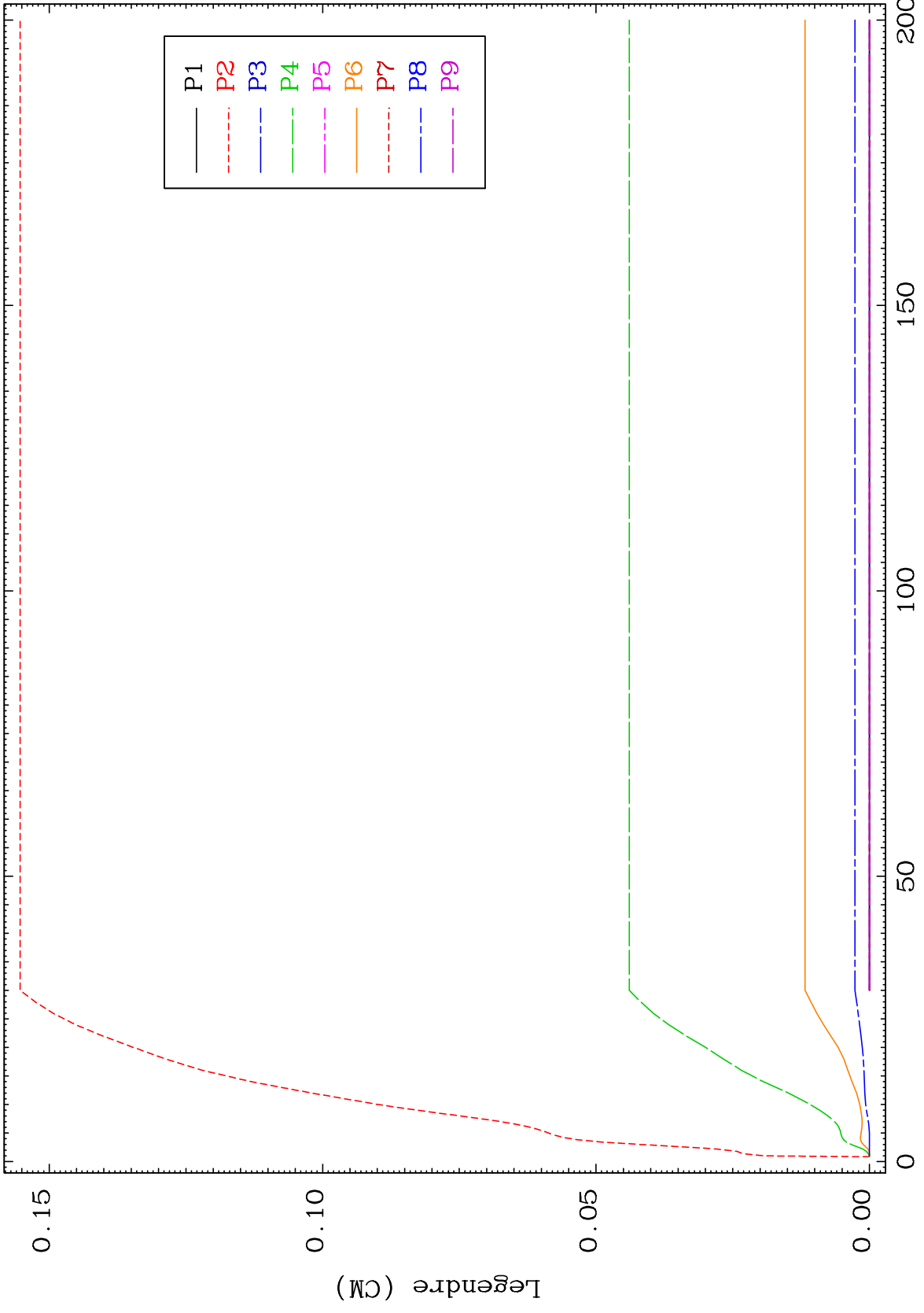


MAT 3525 MT= 61 (n,n') Level Legendre Coefficients 35-Br-79



54 Incident Energy (MeV) 35-Br-79

MAT 3525 MT= 62 (n,n') Level Legendre Coefficients 35-Br-79



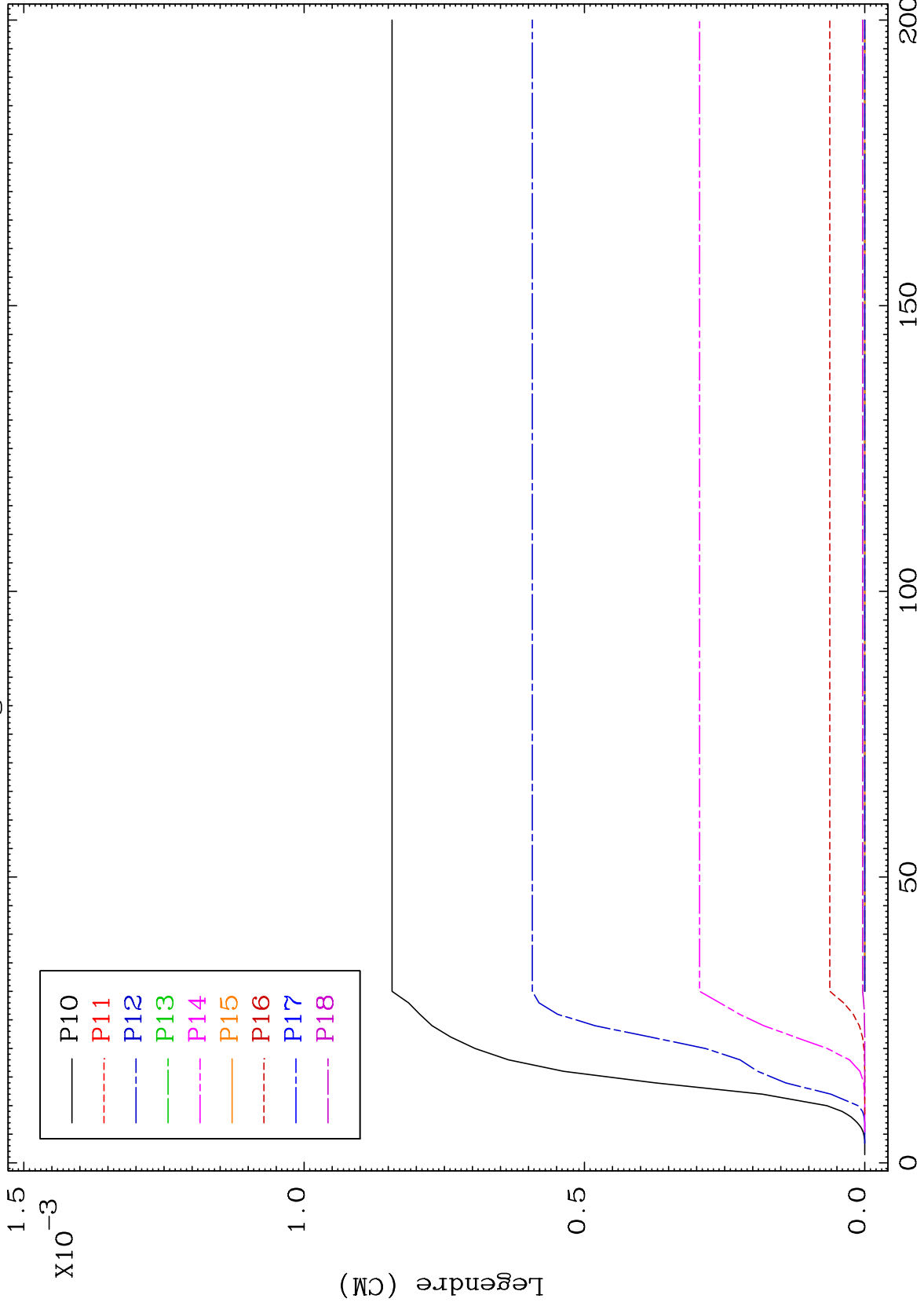
35-Br-79



MAT 3525

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

35-Br-79



56

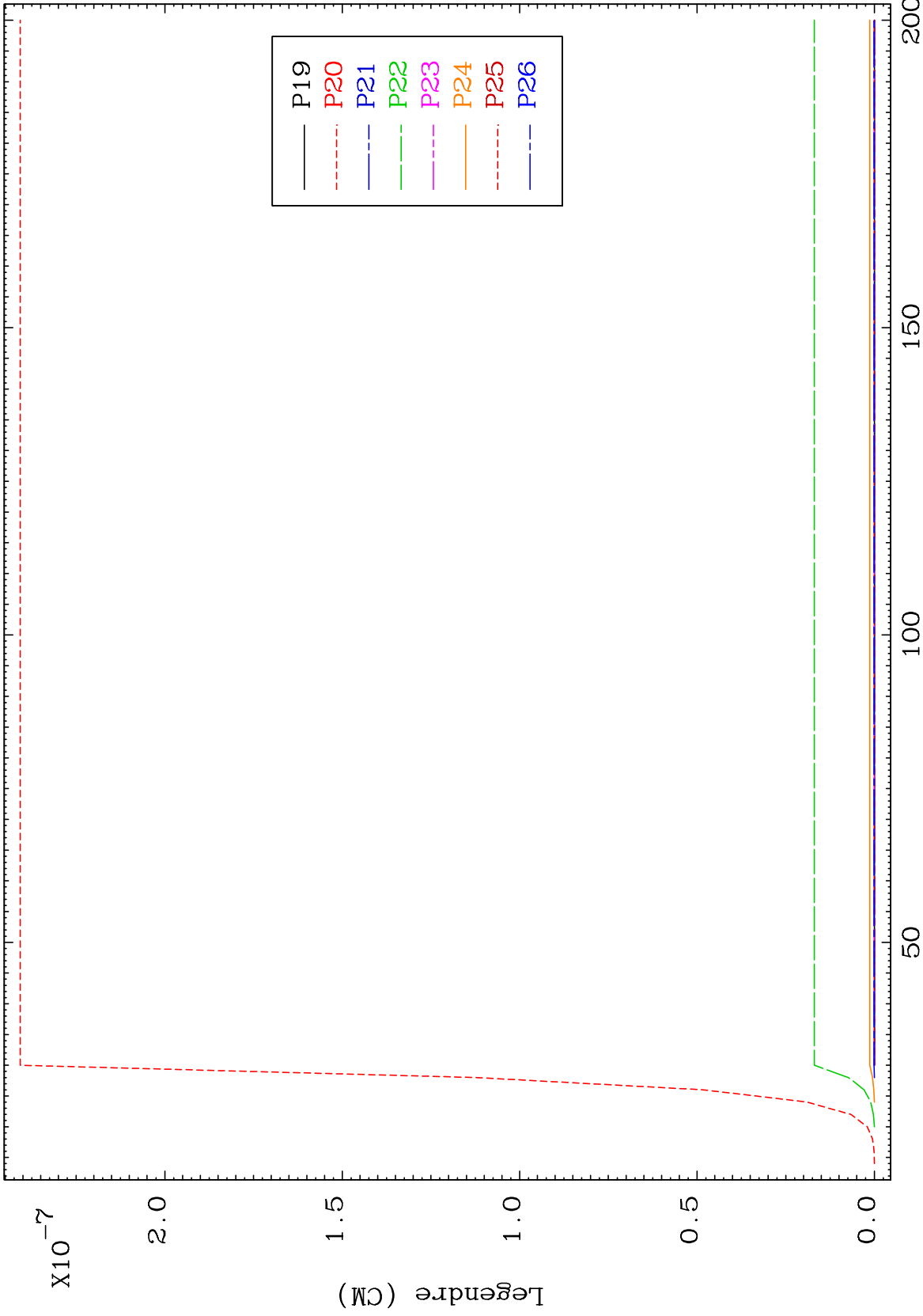
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



57

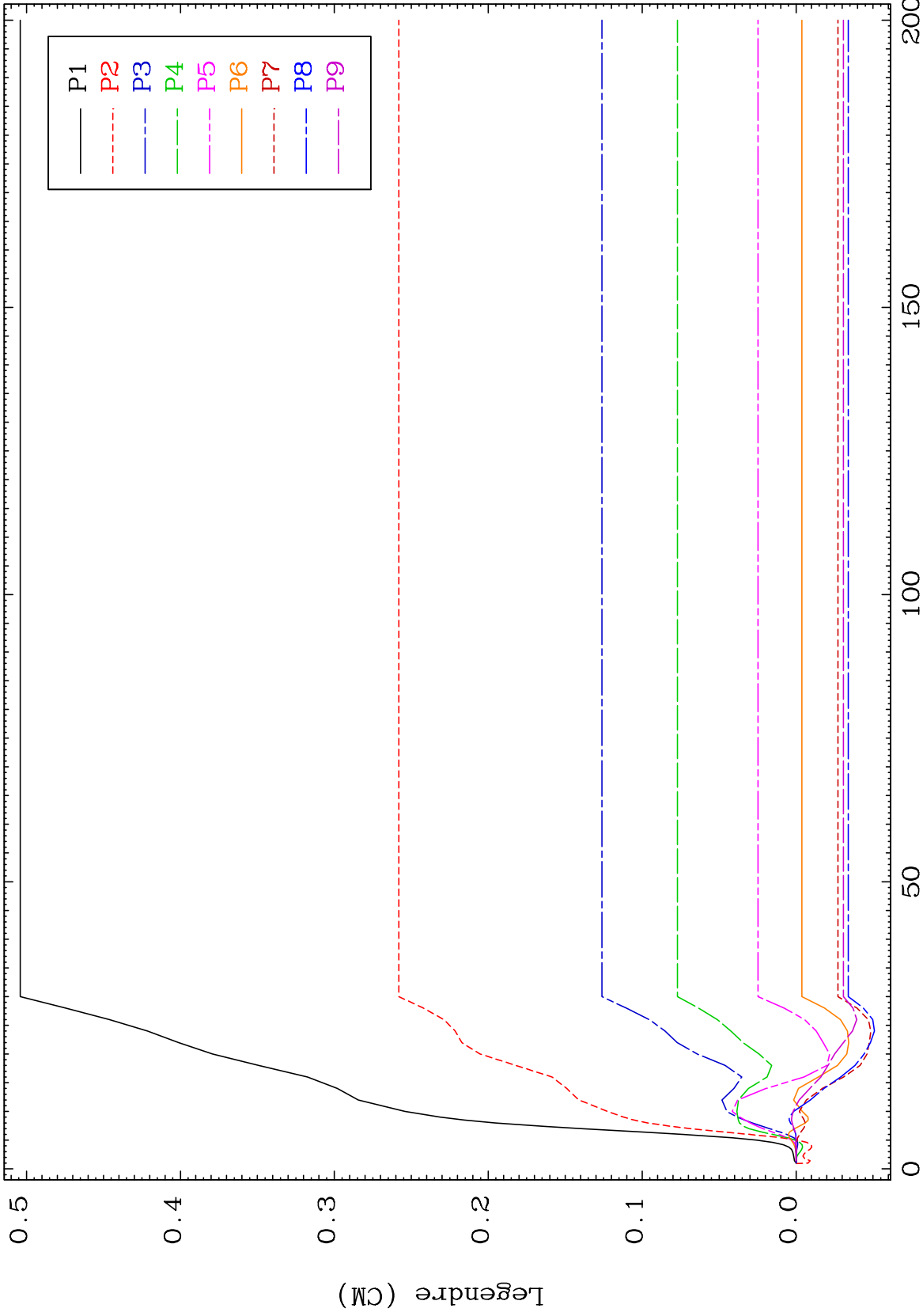
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



58

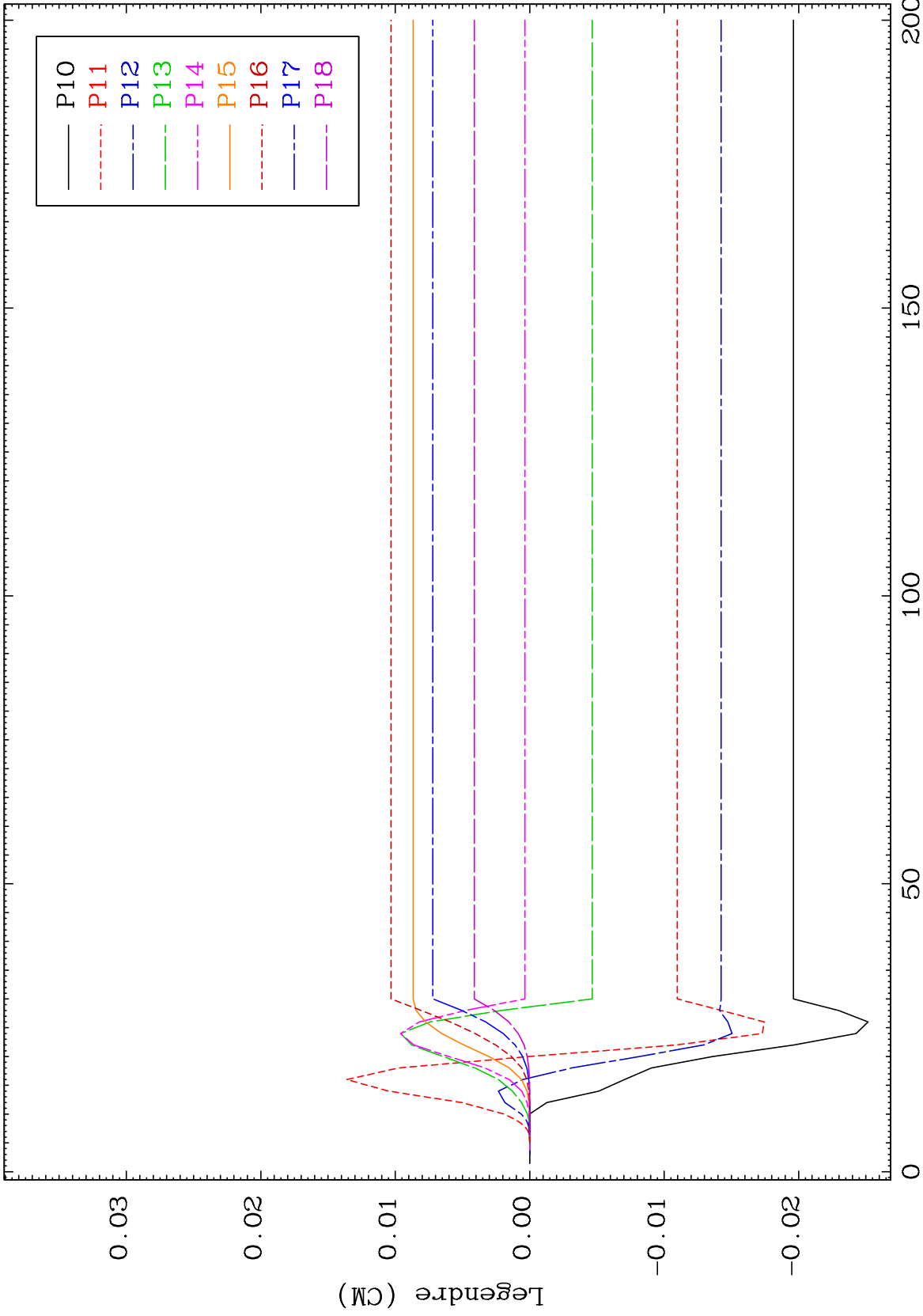
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



59

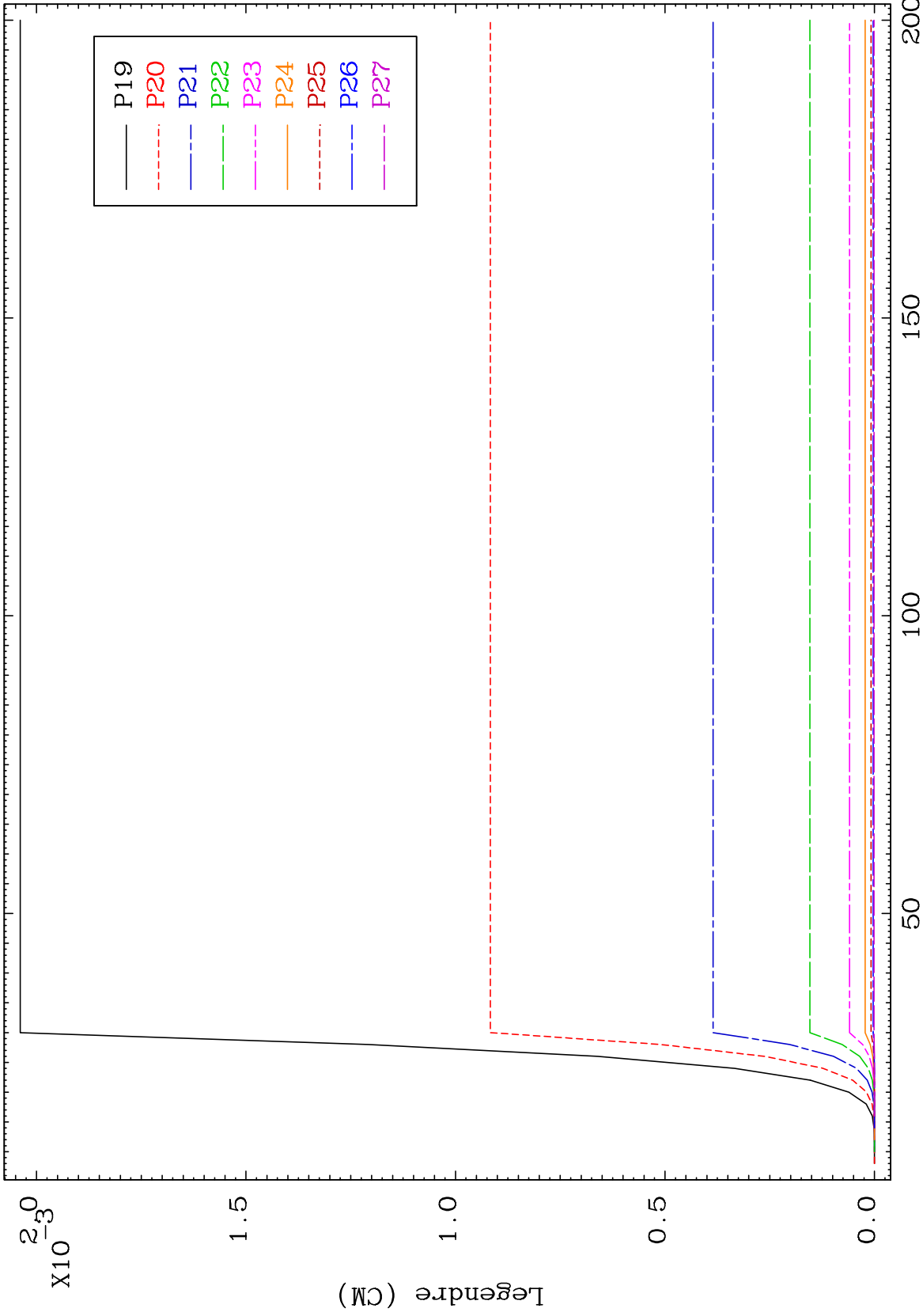
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



60

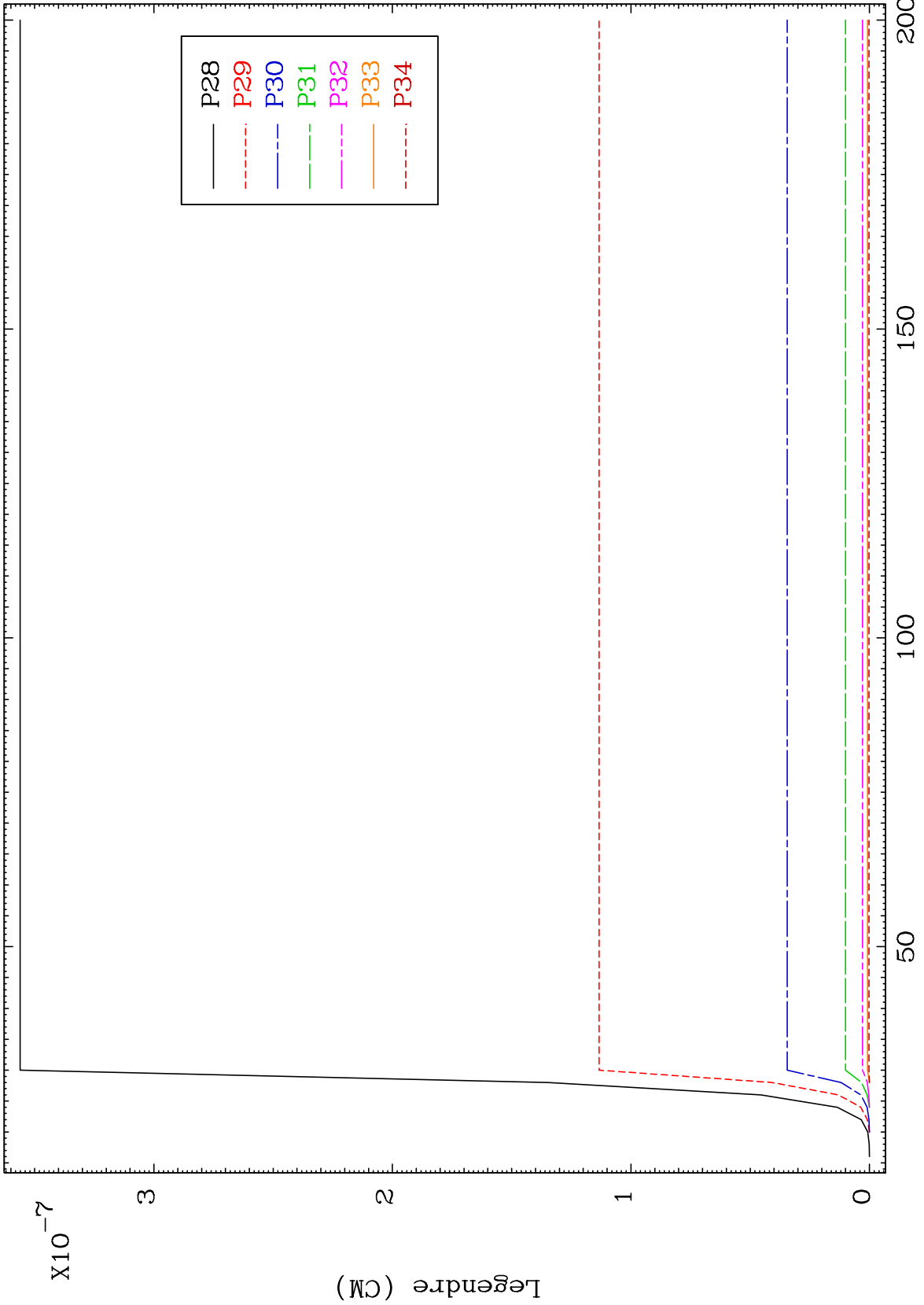
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

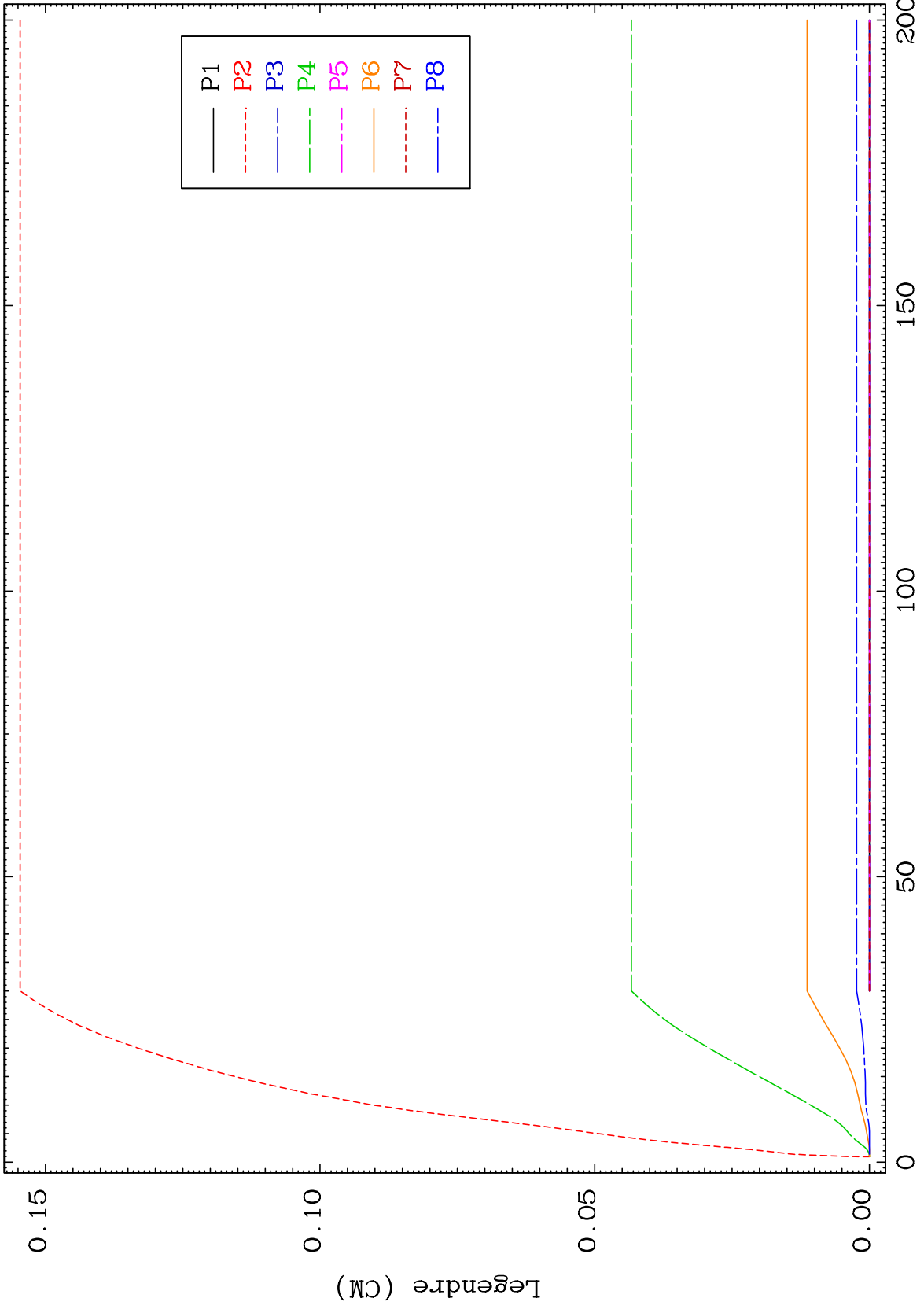


61

Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 64 (n,n') Level Legendre Coefficients 35-Br-79

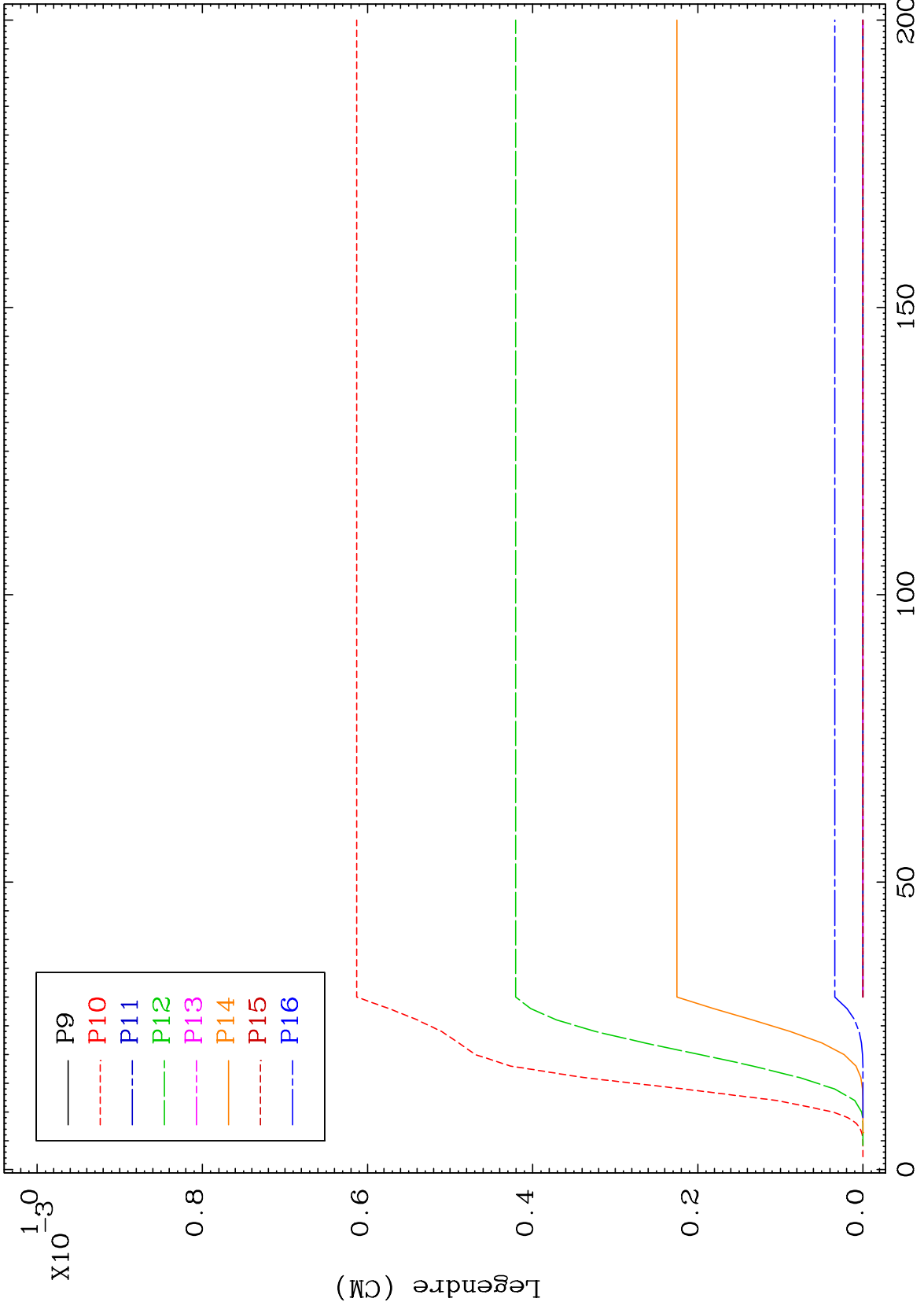


62 Incident Energy (MeV) 35-Br-79

MAT 3525

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

35-Br-79



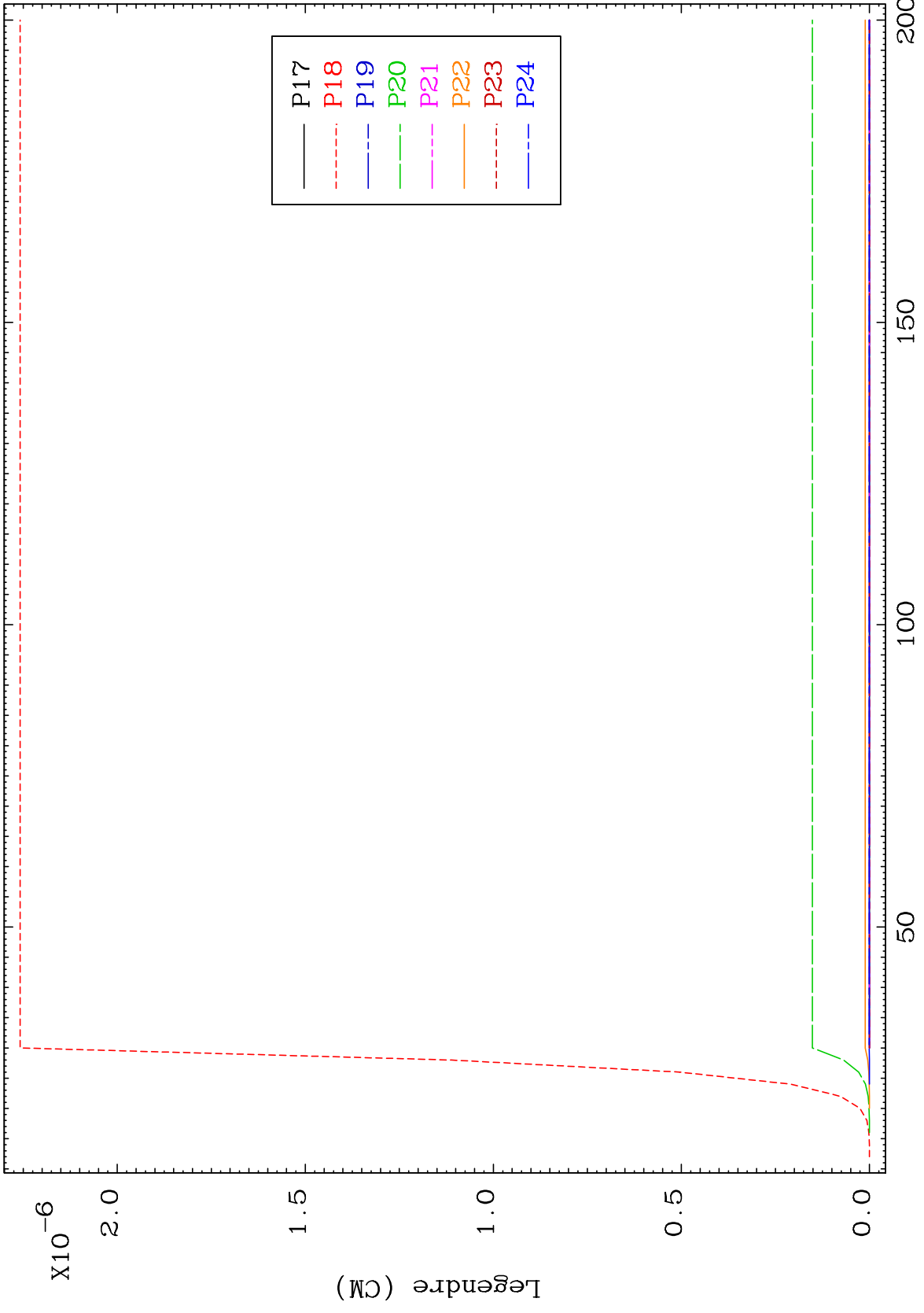
63

Incident Energy (MeV)

35-Br-79



MAT 3525 MT= 64 (n,n') Level Legendre Coefficients 35-Br-79

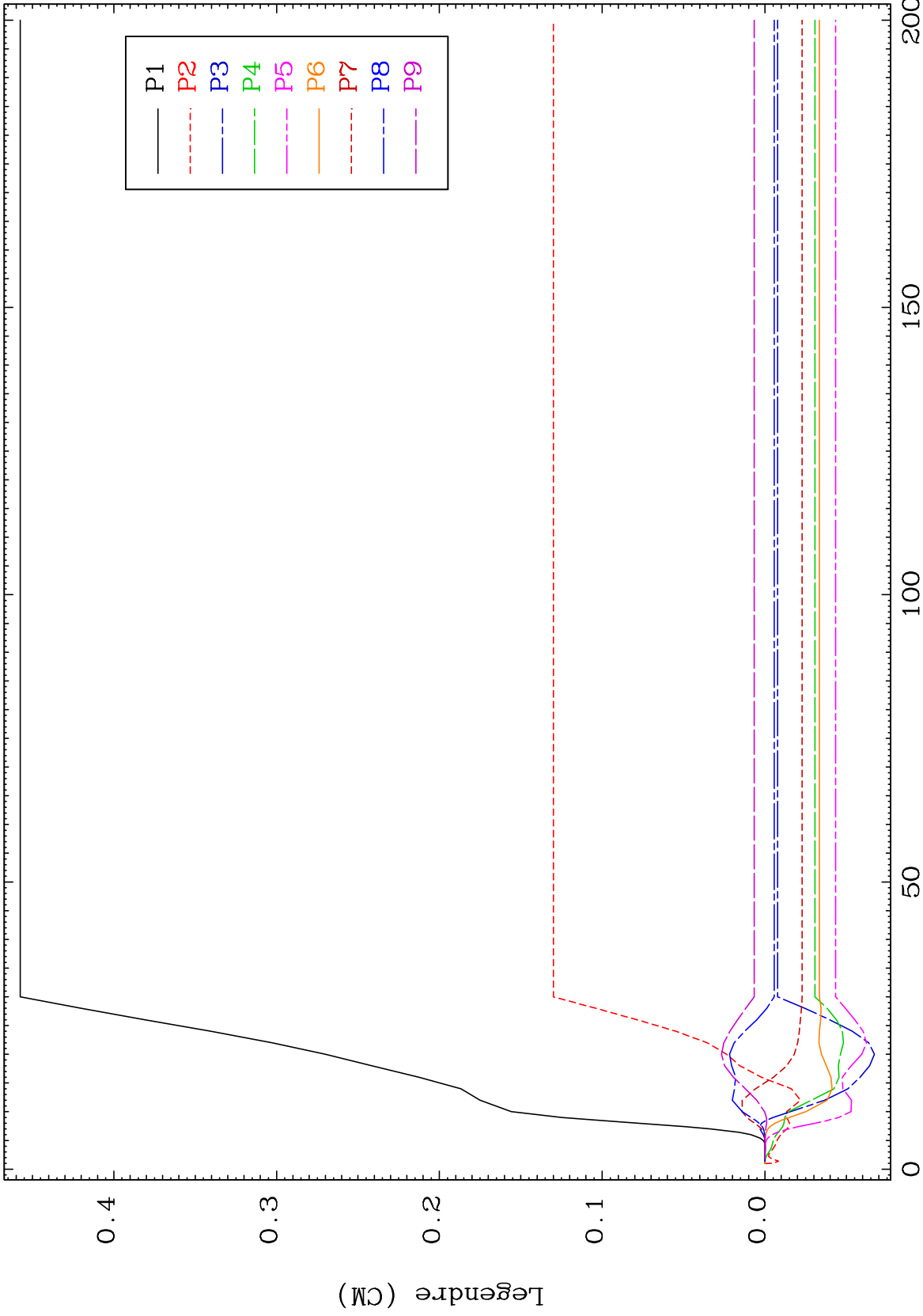


64 35-Br-79

MAT 3525

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

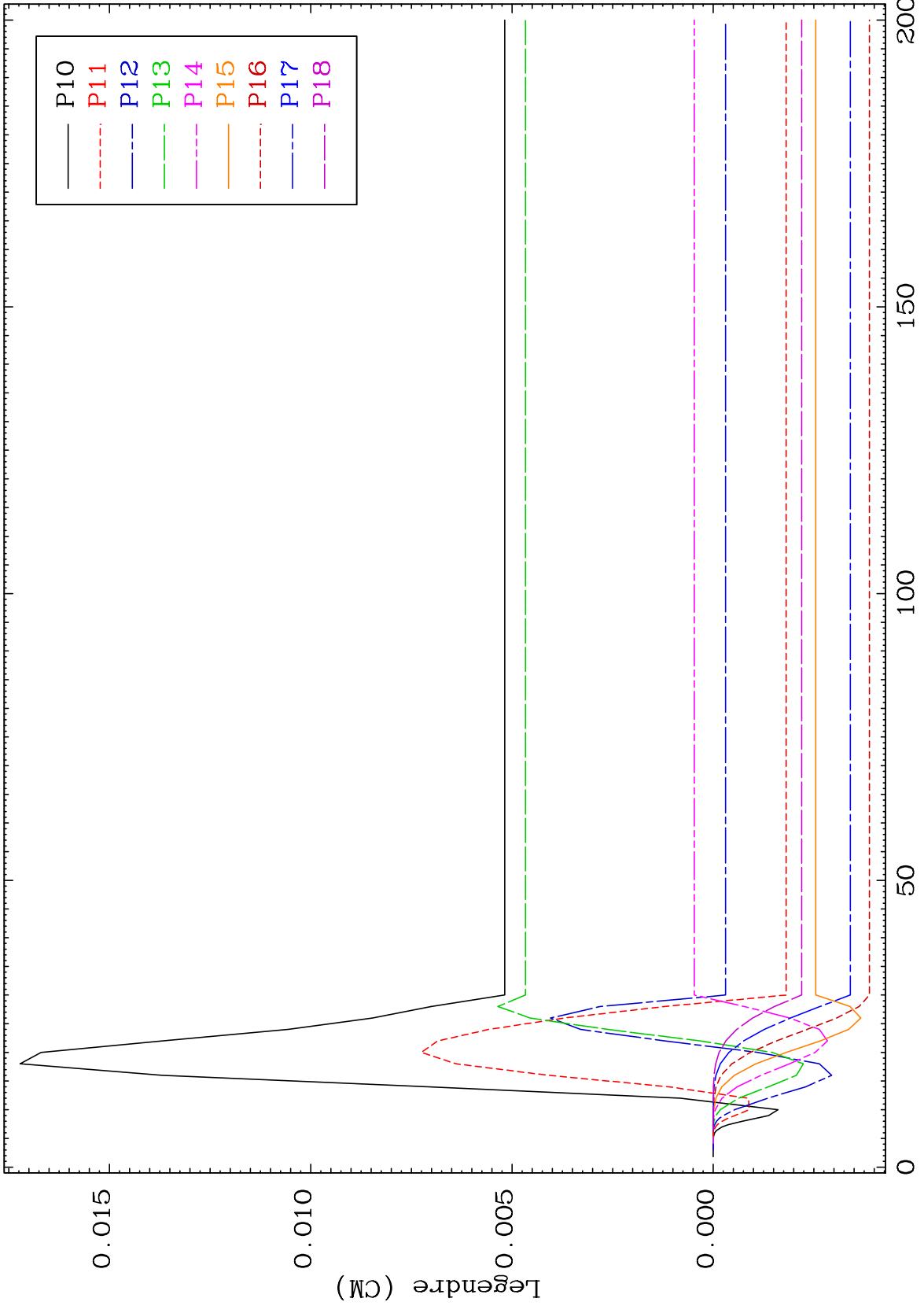
35-Br-79



65

Incident Energy (MeV)

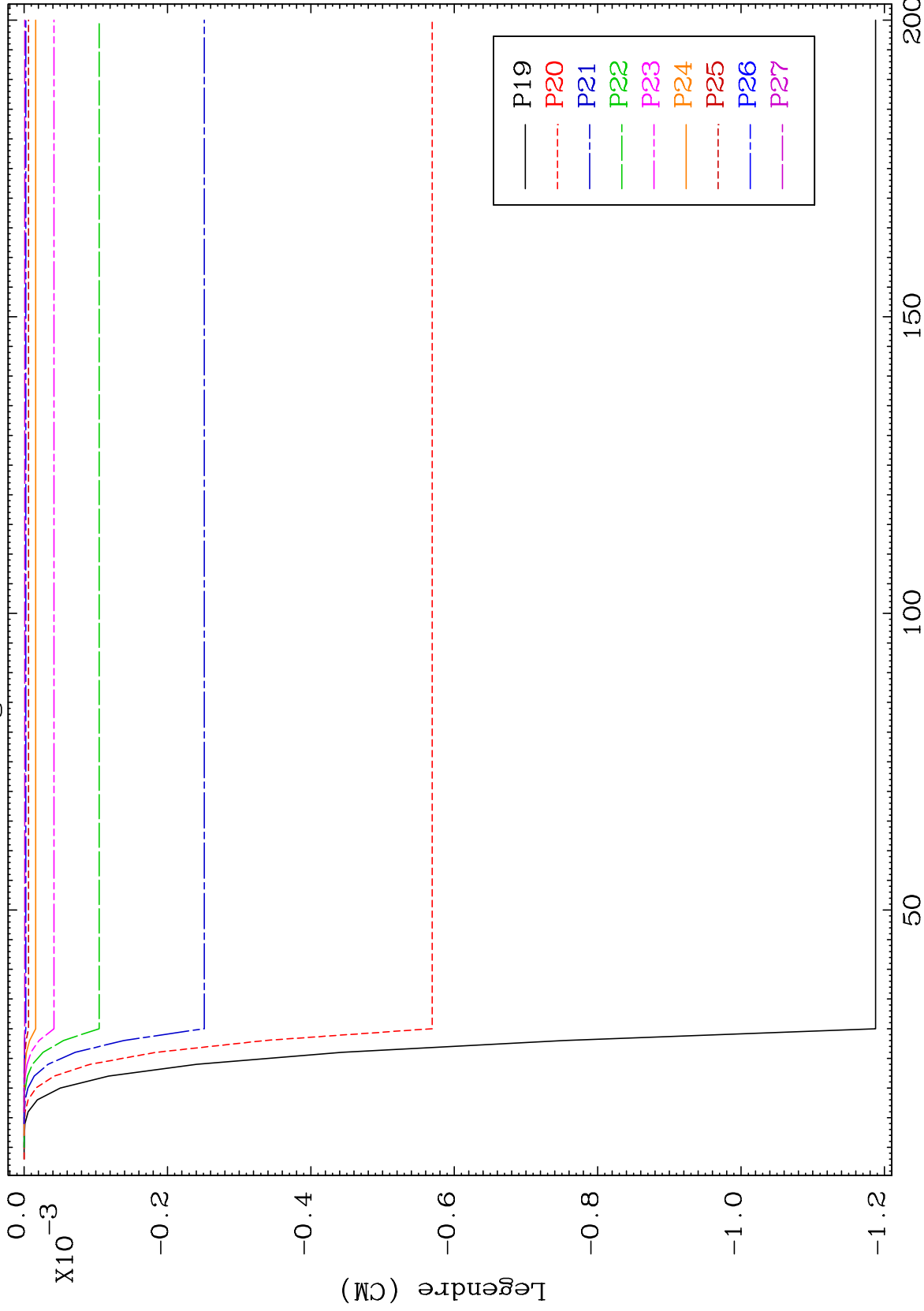
35-Br-79



35-Br-79

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

MAT 3525



35-Br-79

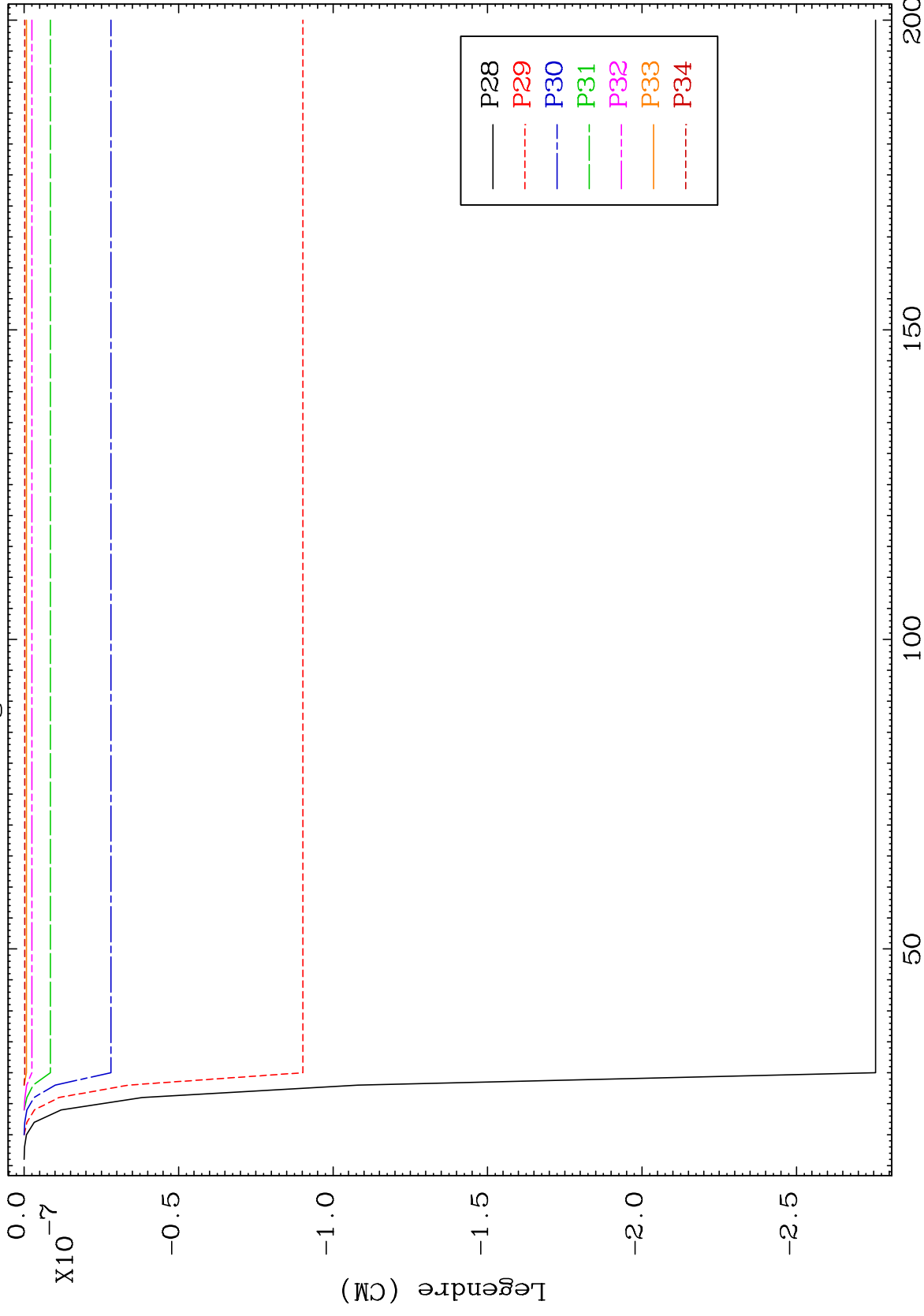
Incident Energy (MeV)

67

MAT 3525

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

35-Br-79

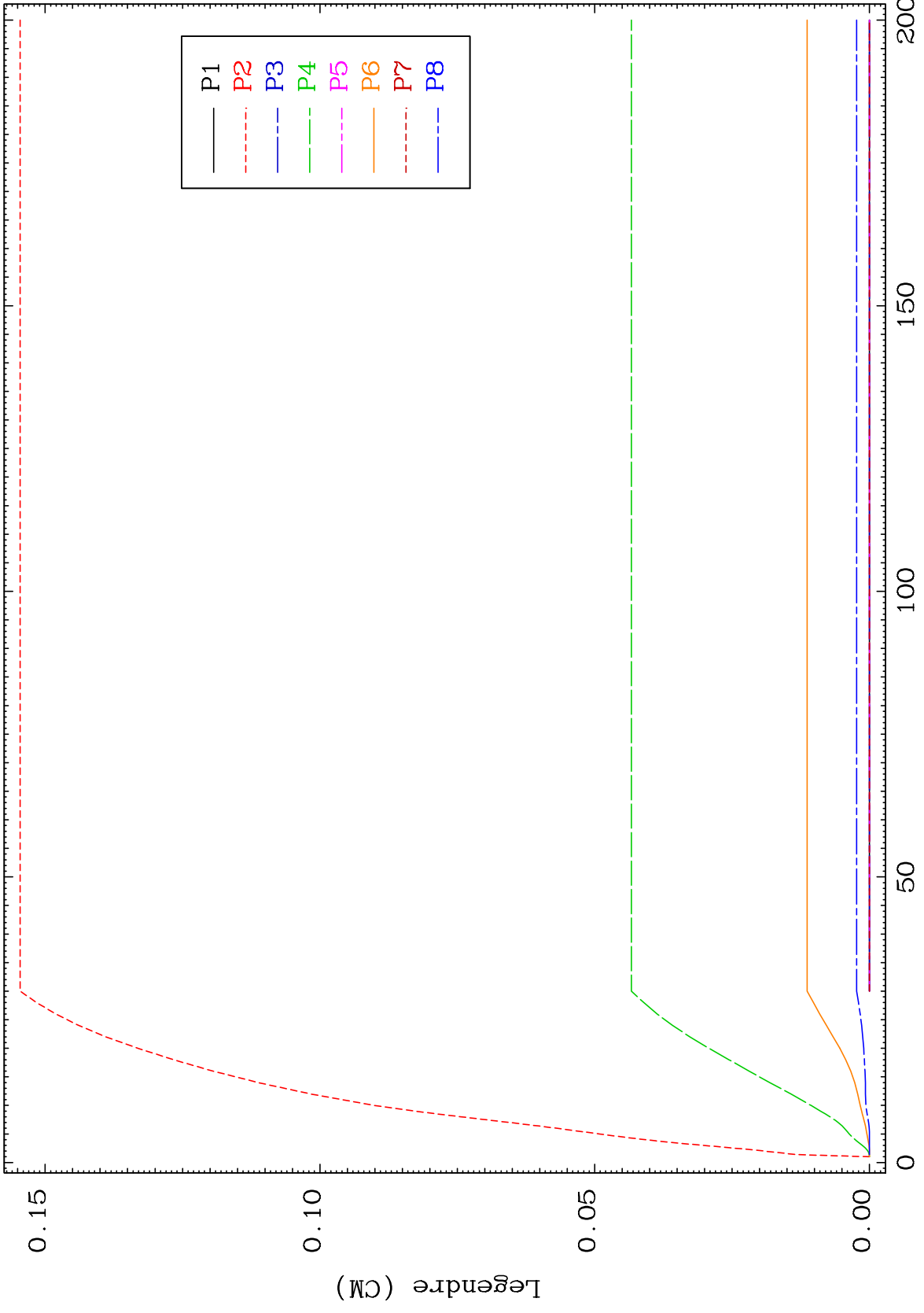


35-Br-79

Incident Energy (MeV)

68

MAT 3525 MT= 66 (n,n') Level Legendre Coefficients 35-Br-79

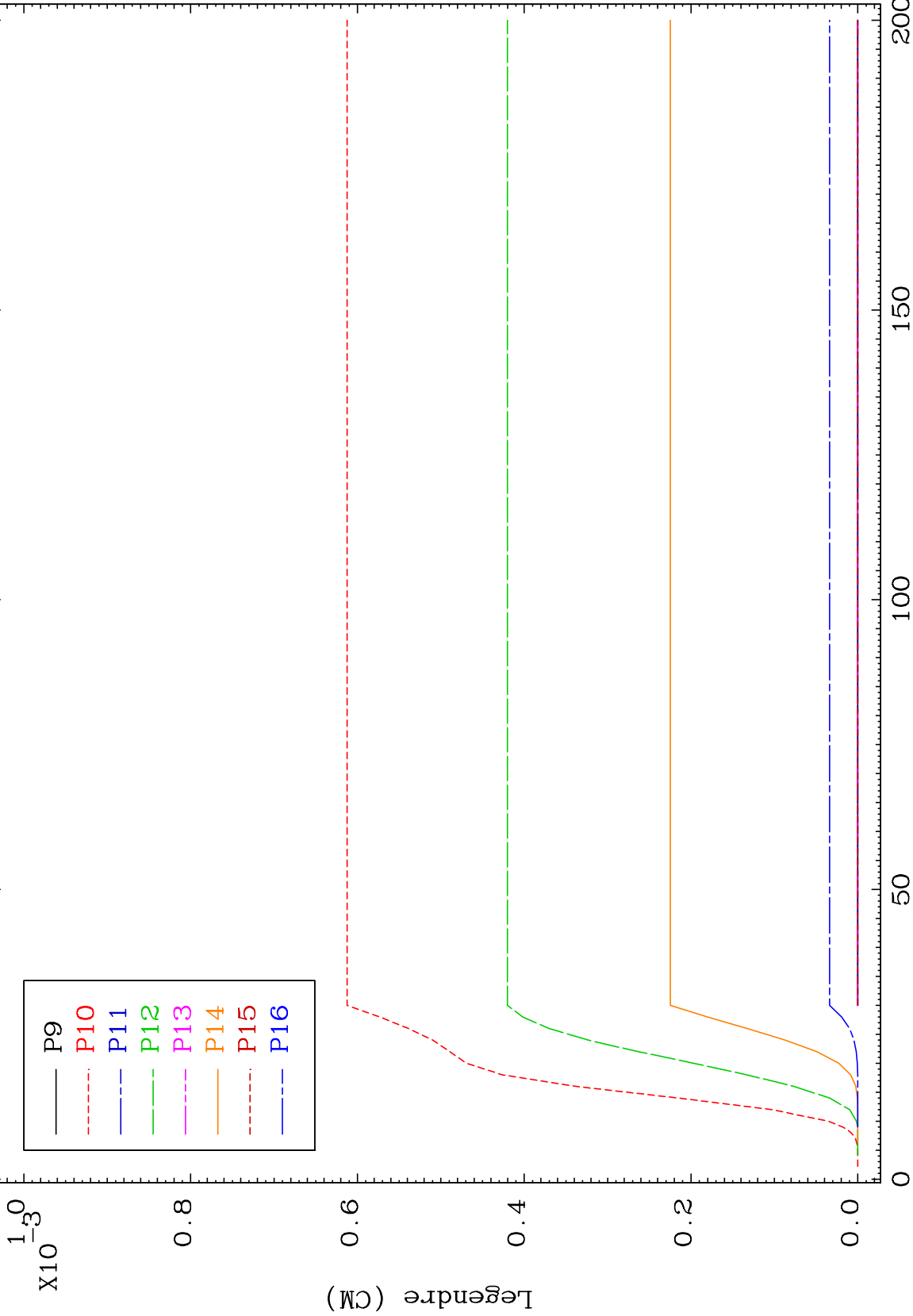


69 35-Br-79

MAT 3525

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

35-Br-79

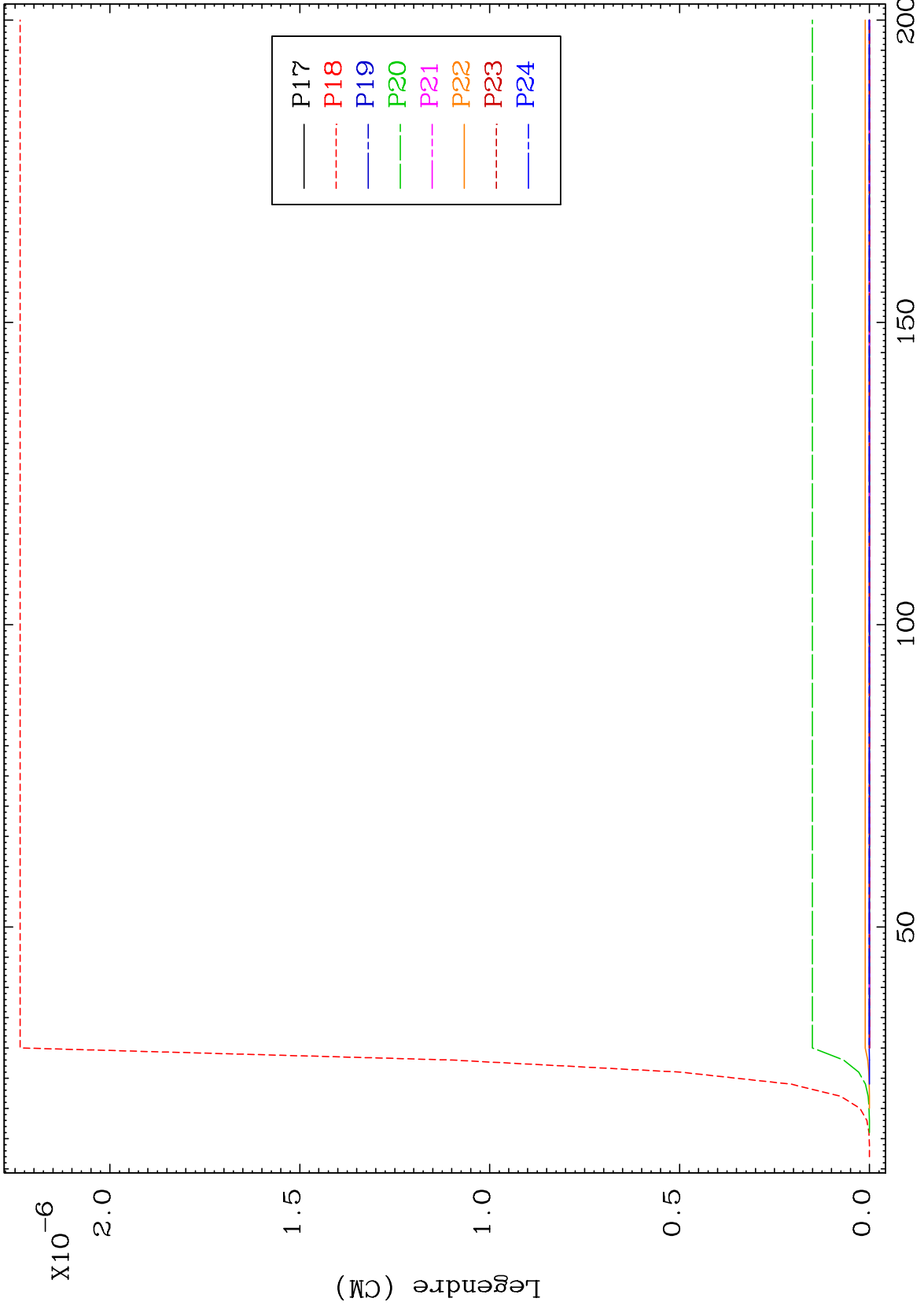


70

Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 66 (n,n') Level Legendre Coefficients 35-Br-79



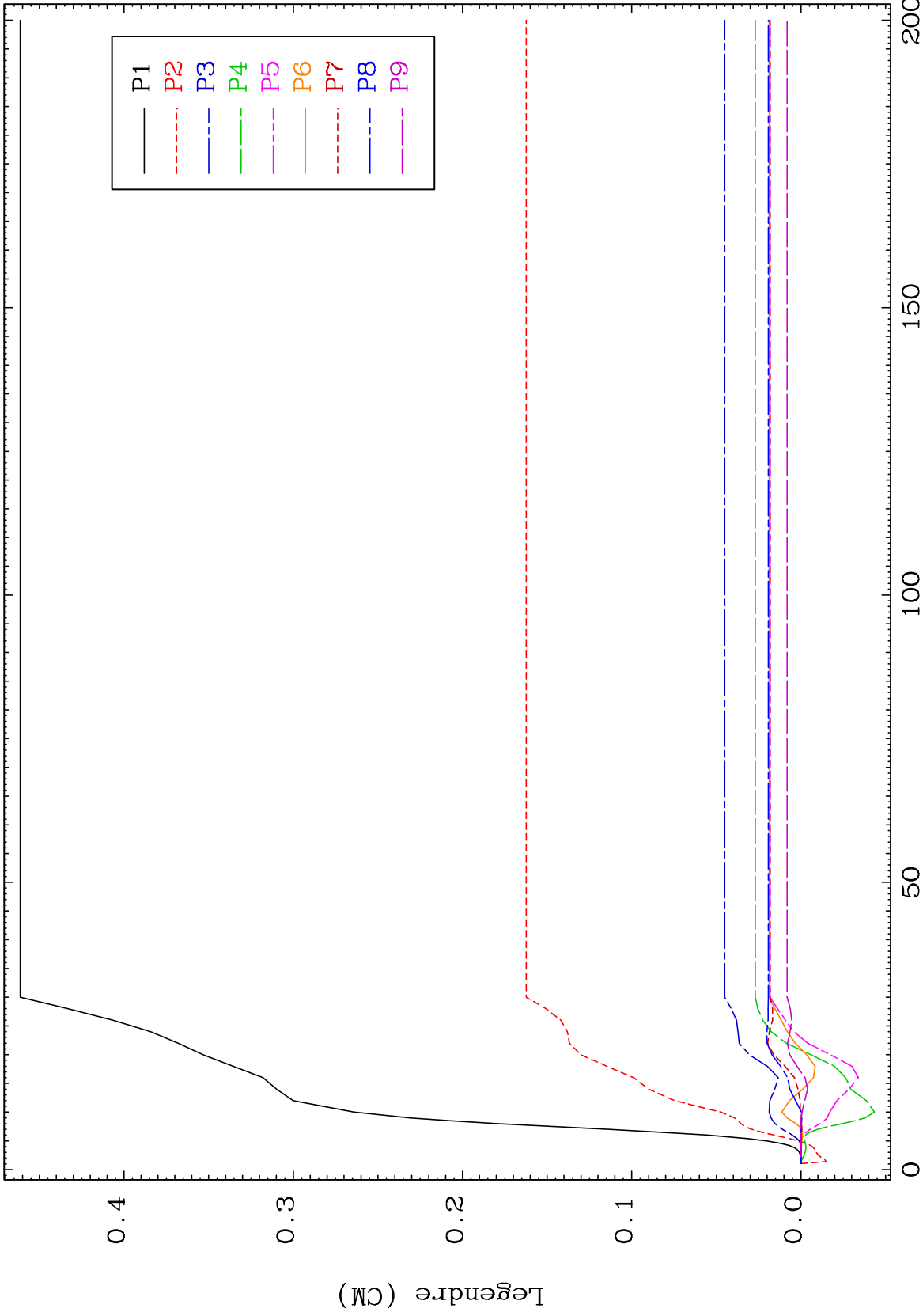
71 35-Br-79



MAT 3525

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

35-Br-79



72

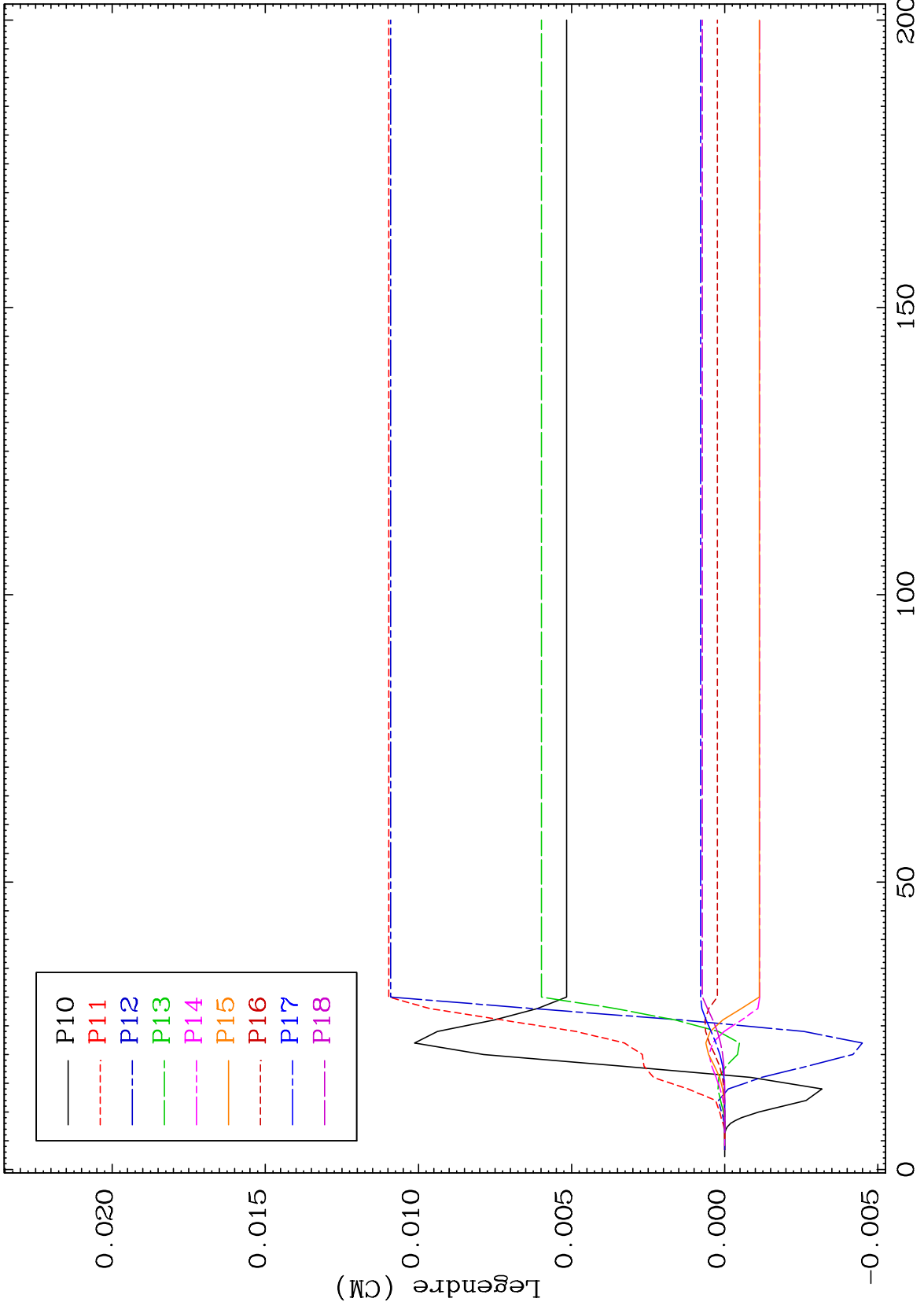
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



73

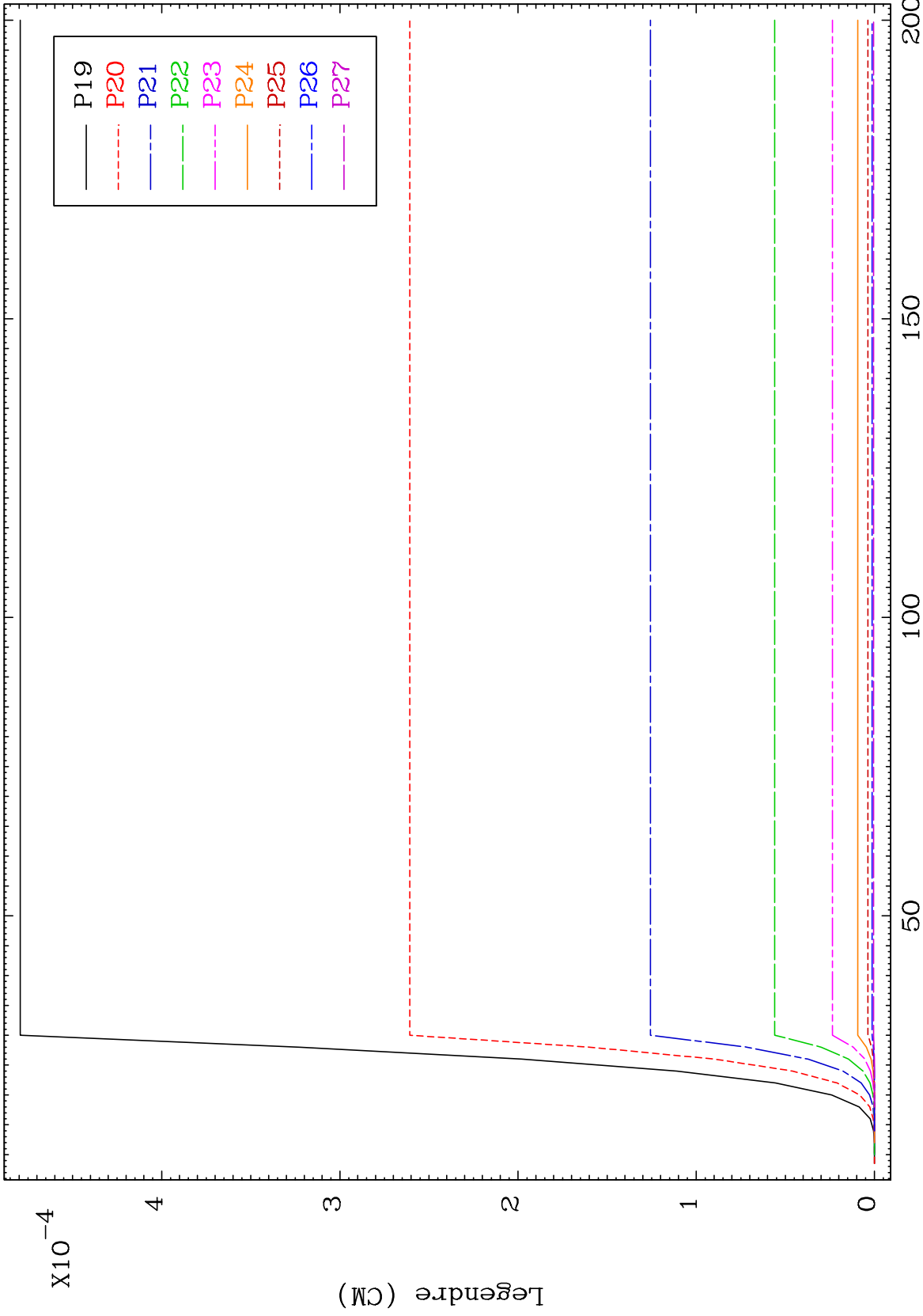
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



74

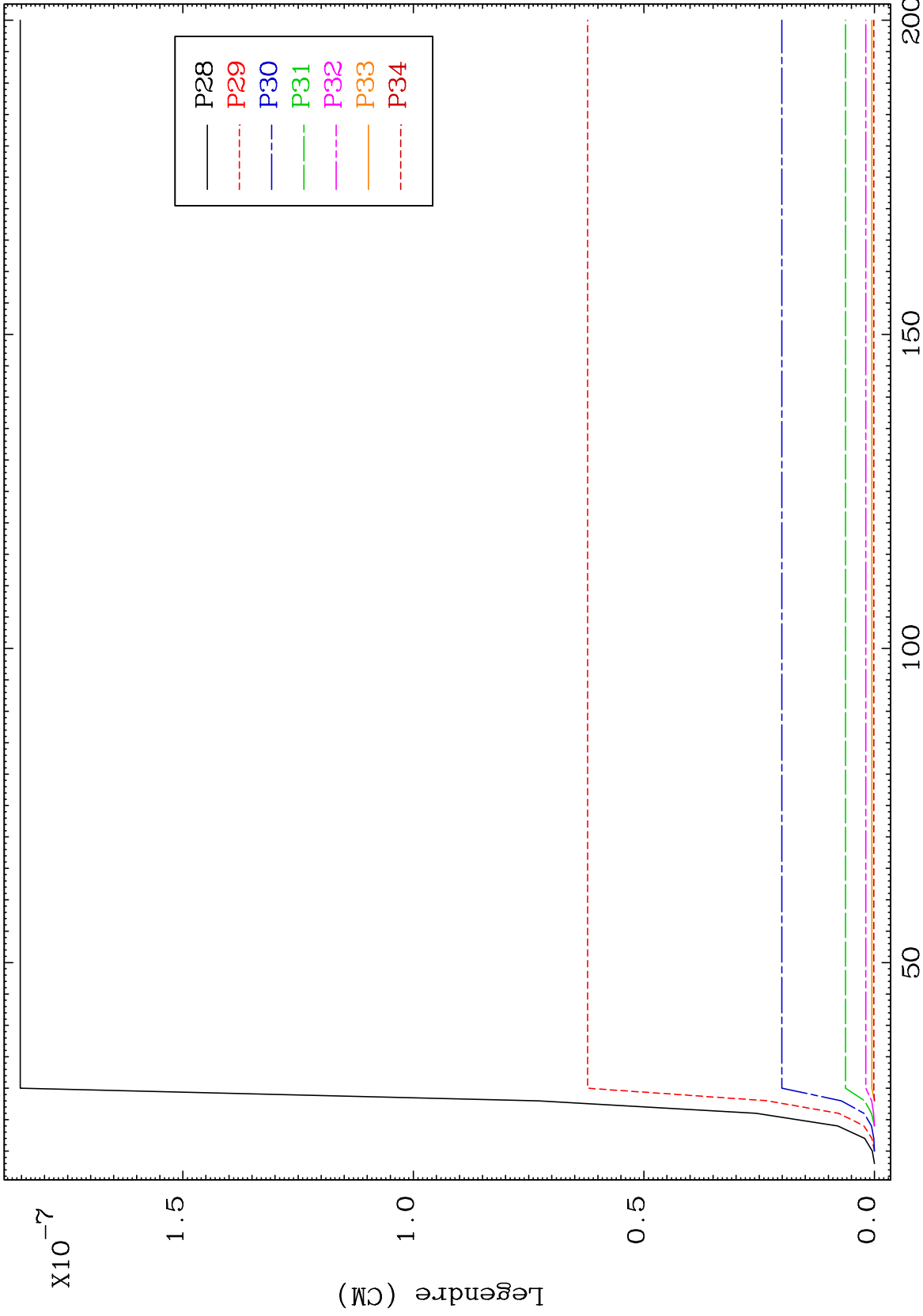
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

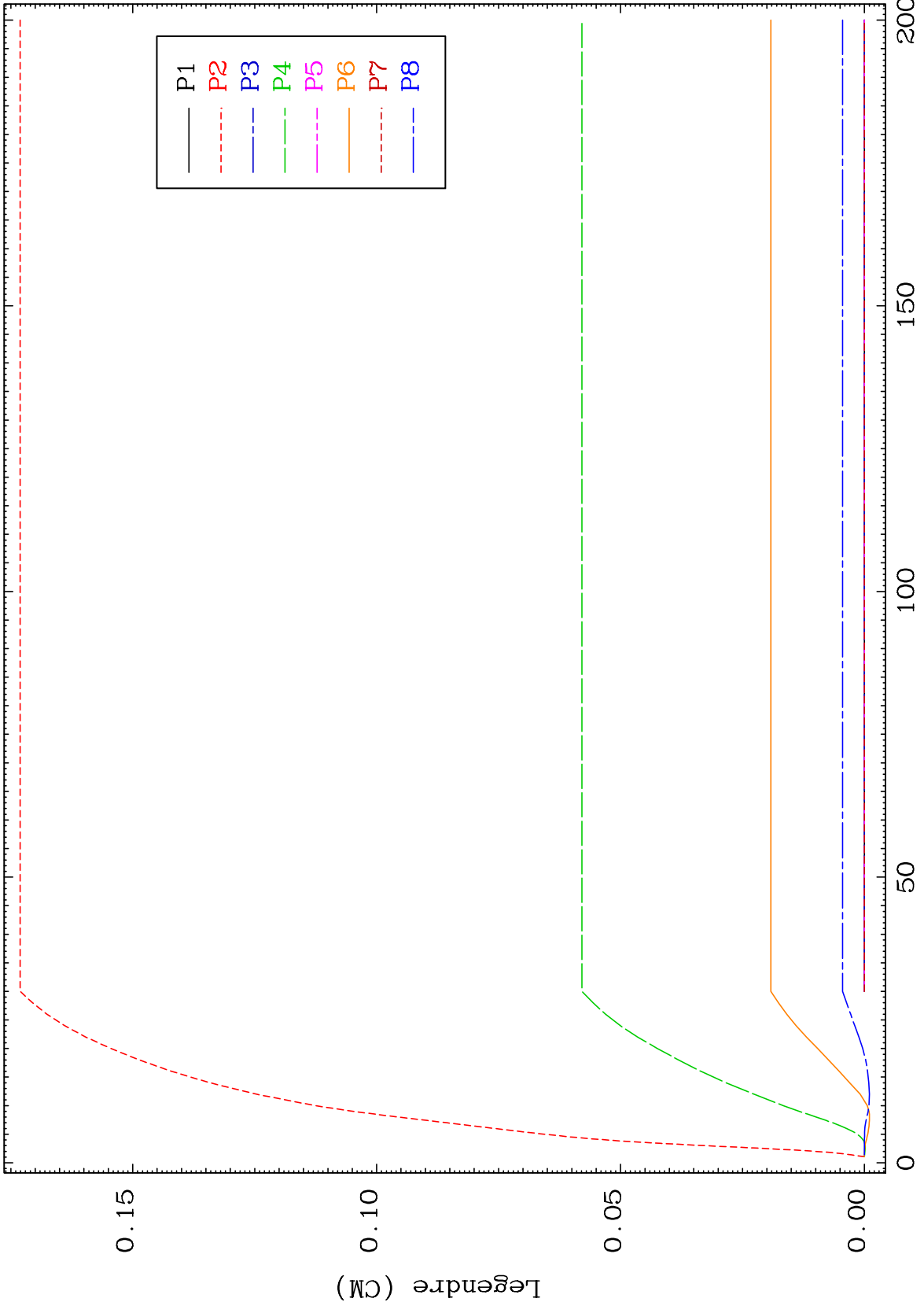


75

Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 68 (n,n') Level Legendre Coefficients 35-Br-79

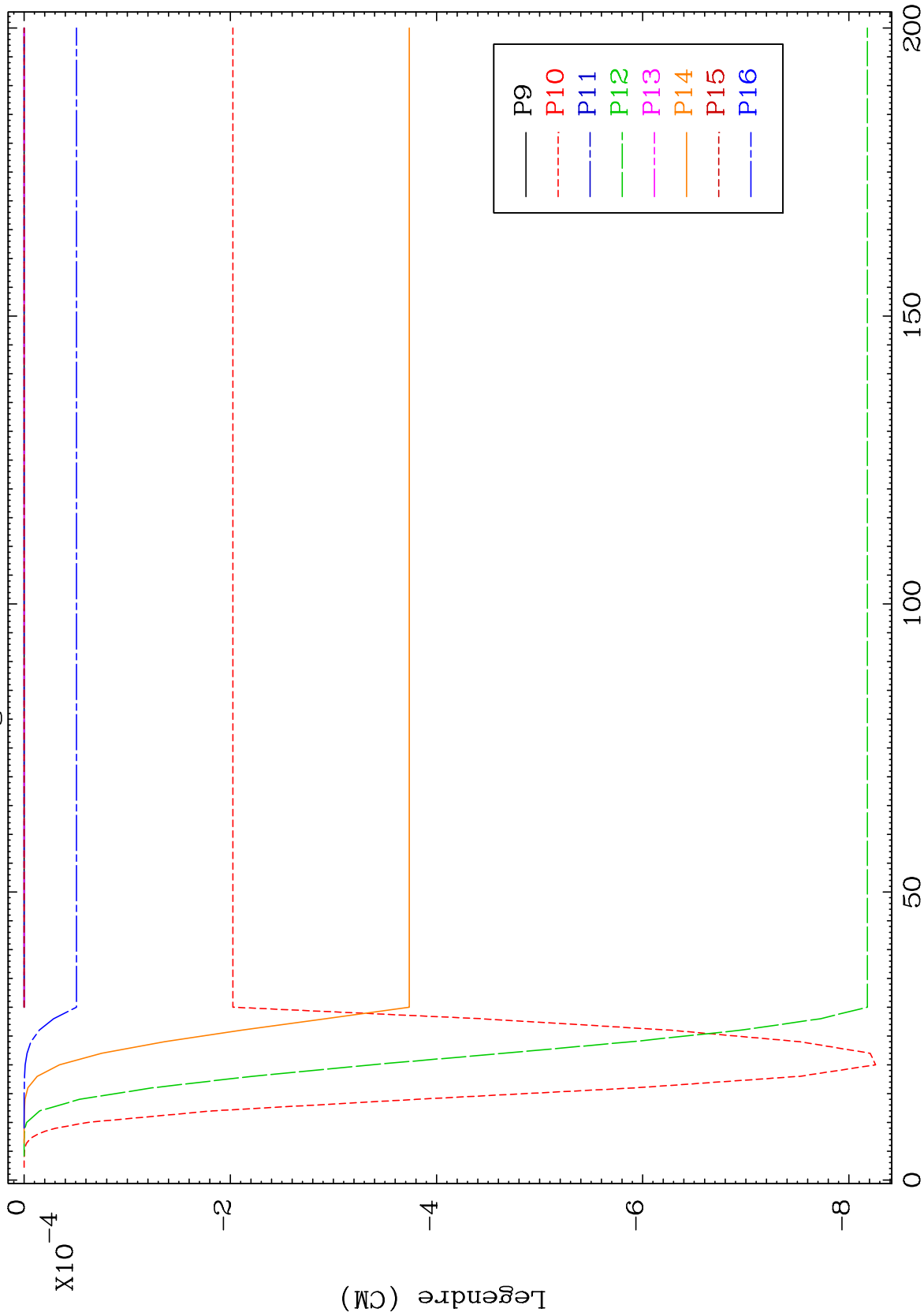


76 Incident Energy (MeV) 35-Br-79

MAT 3525

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

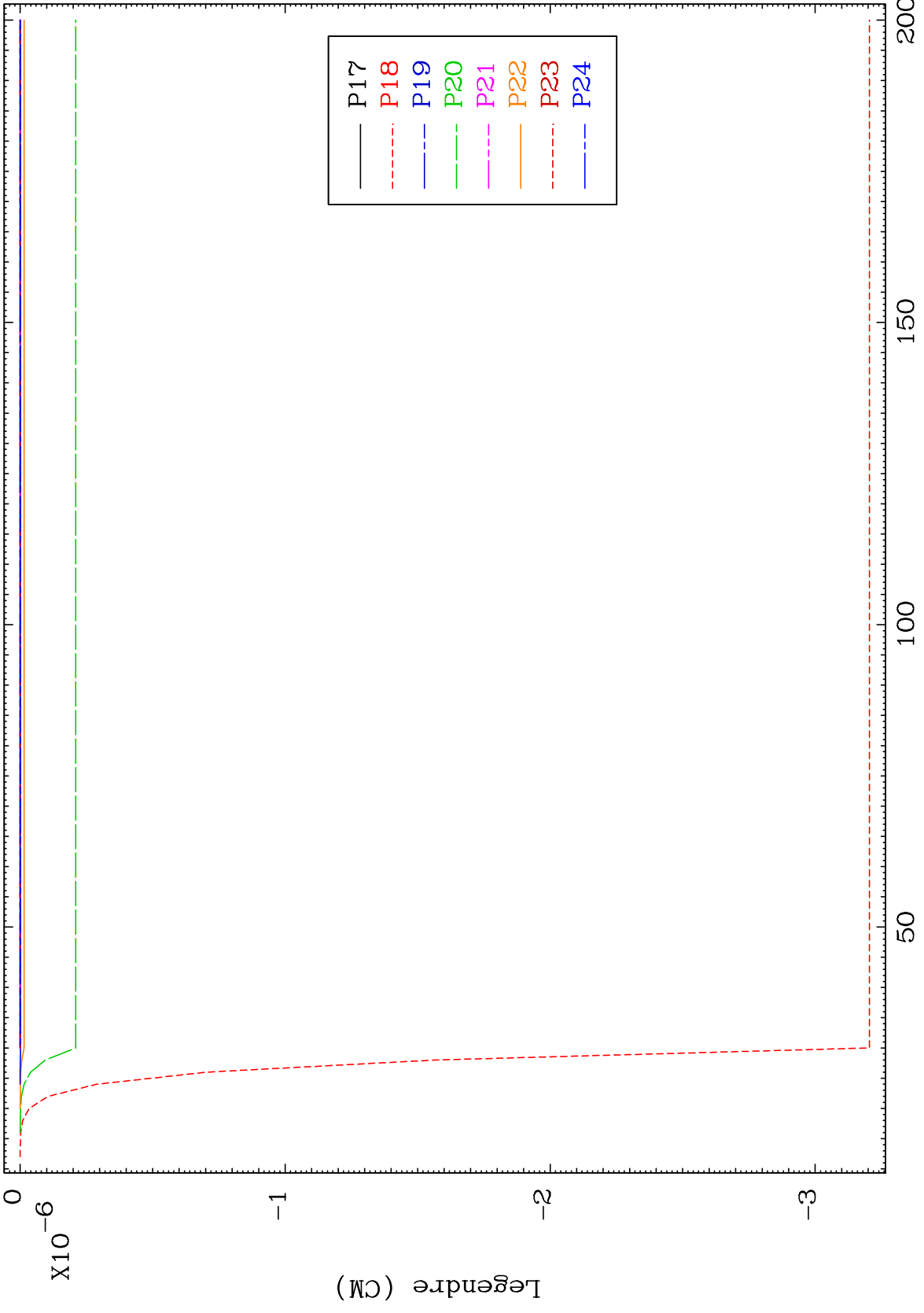
35-Br-79



77

35-Br-79

MAT 3525 MT= 68 (n,n') Level Legendre Coefficients 35-Br-79

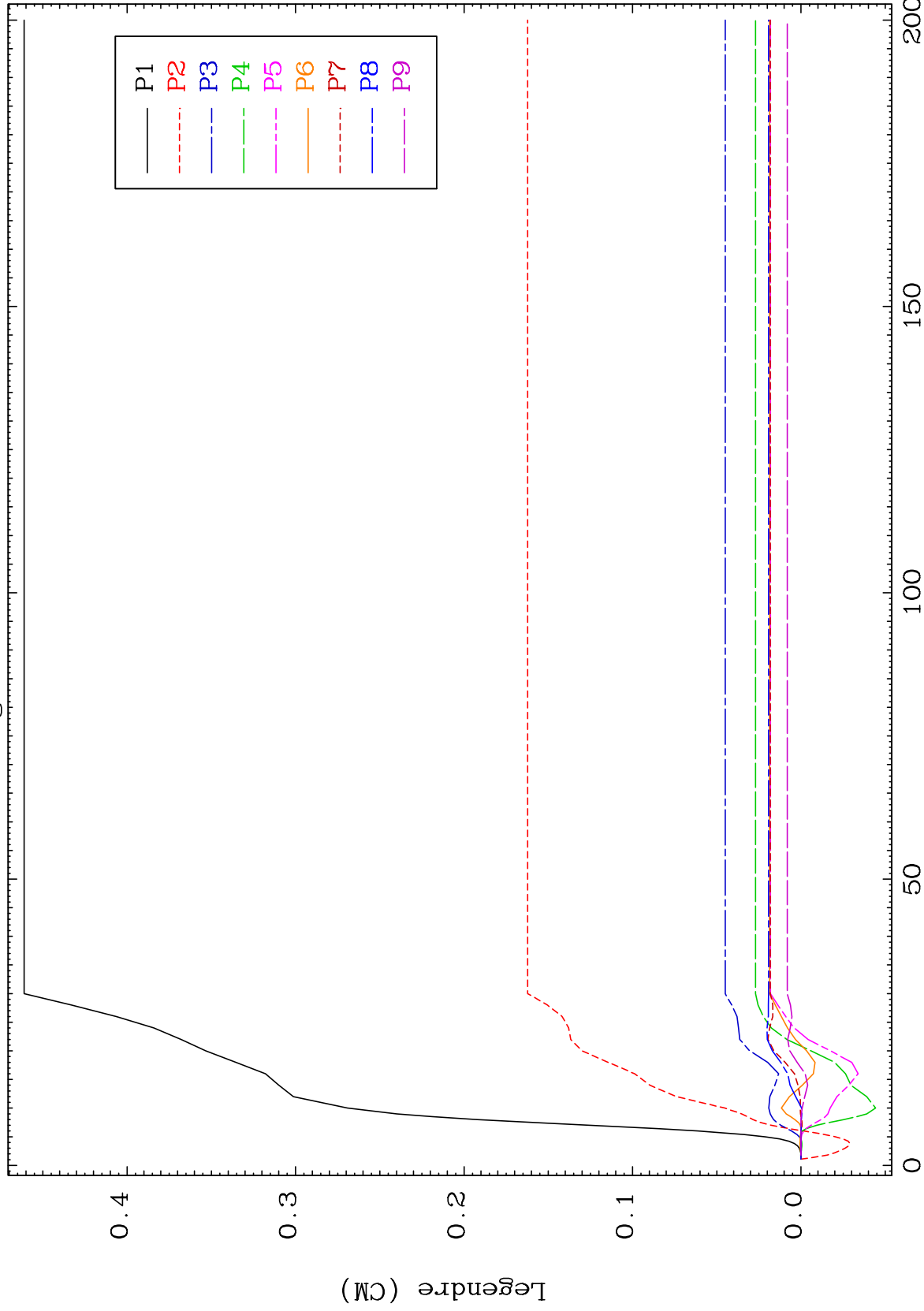


78 35-Br-79

MAT 3525

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

35-Br-79



79

Incident Energy (MeV)

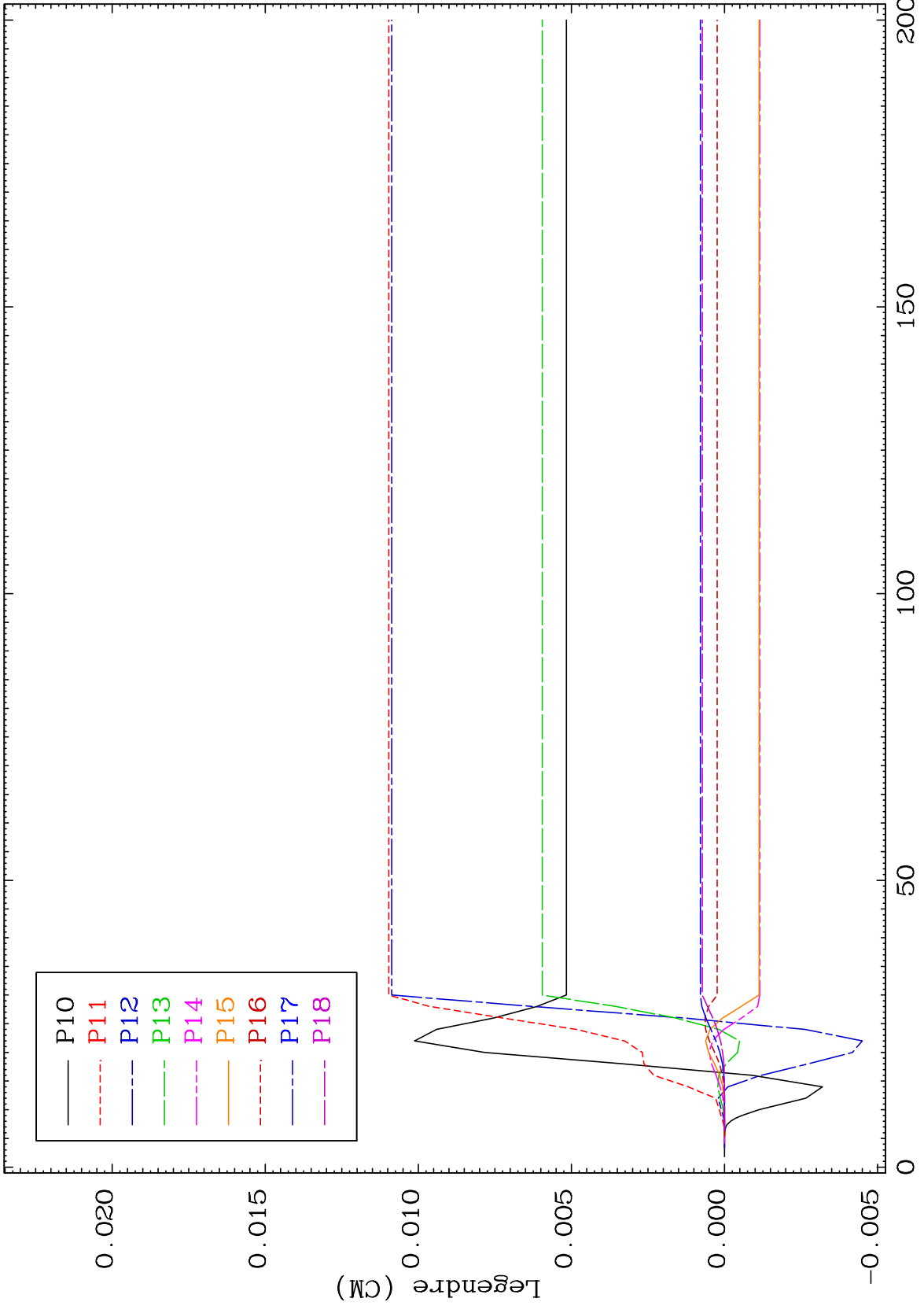
35-Br-79



MAT 3525

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

35-Br-79



80

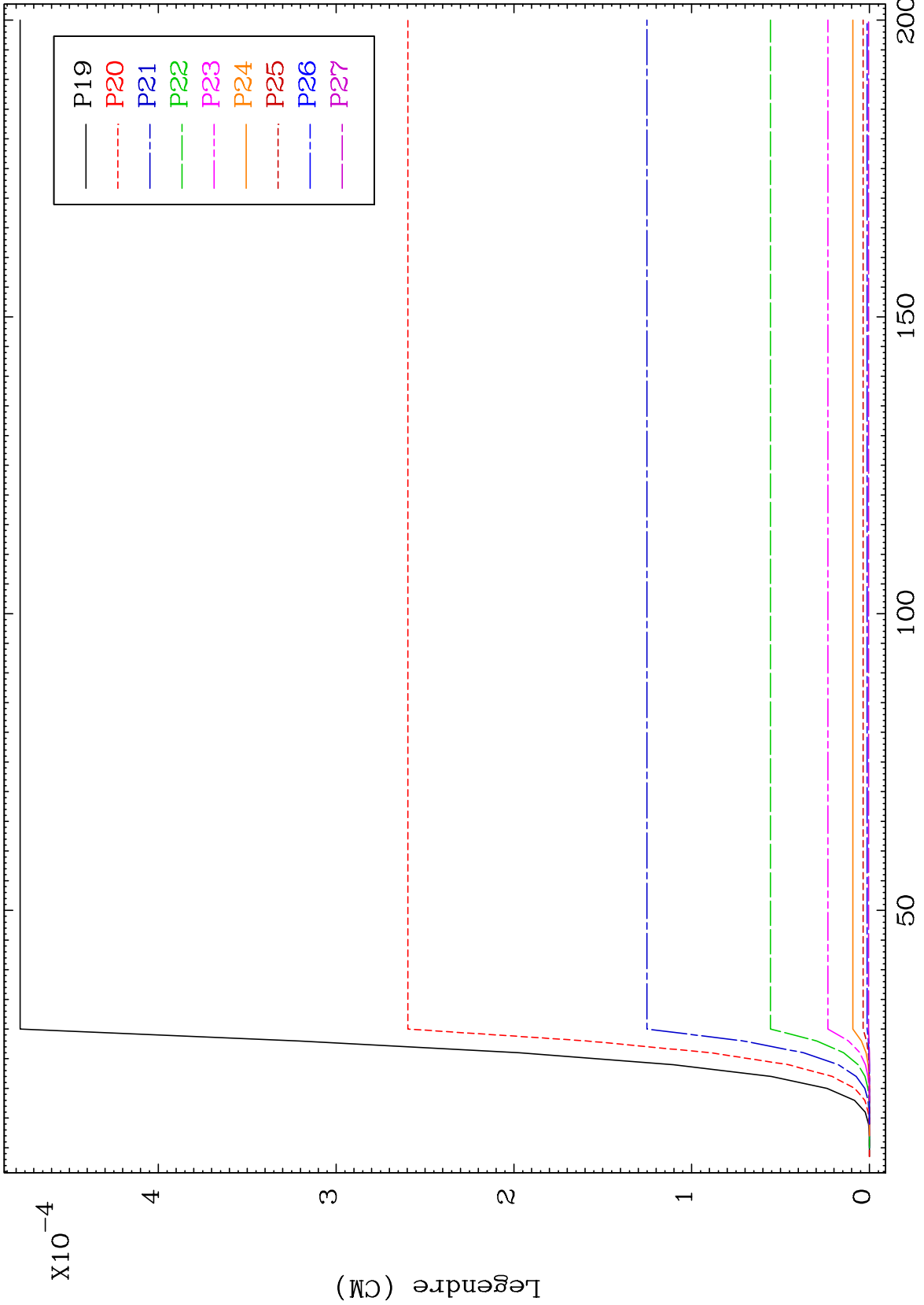
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



81

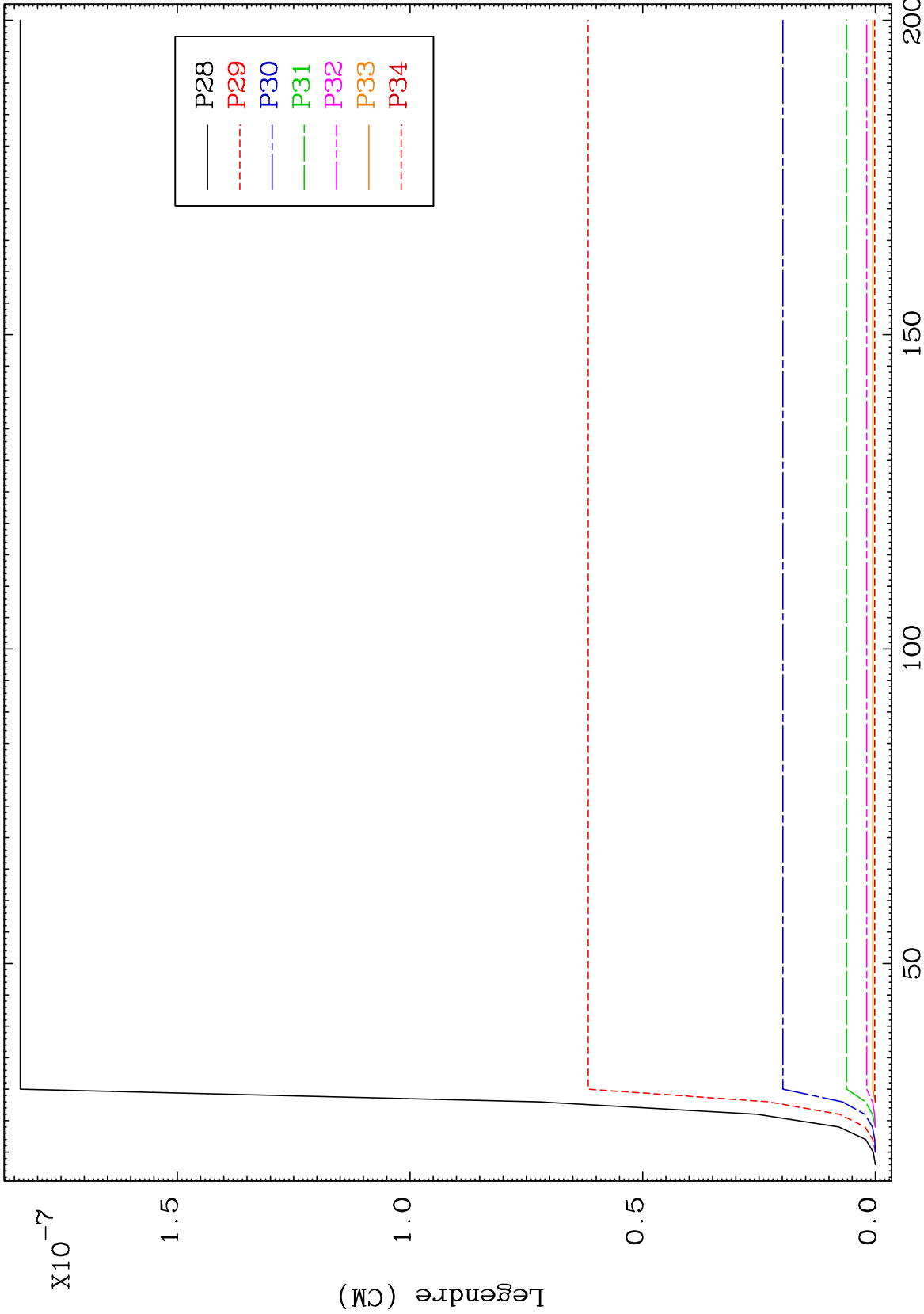
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



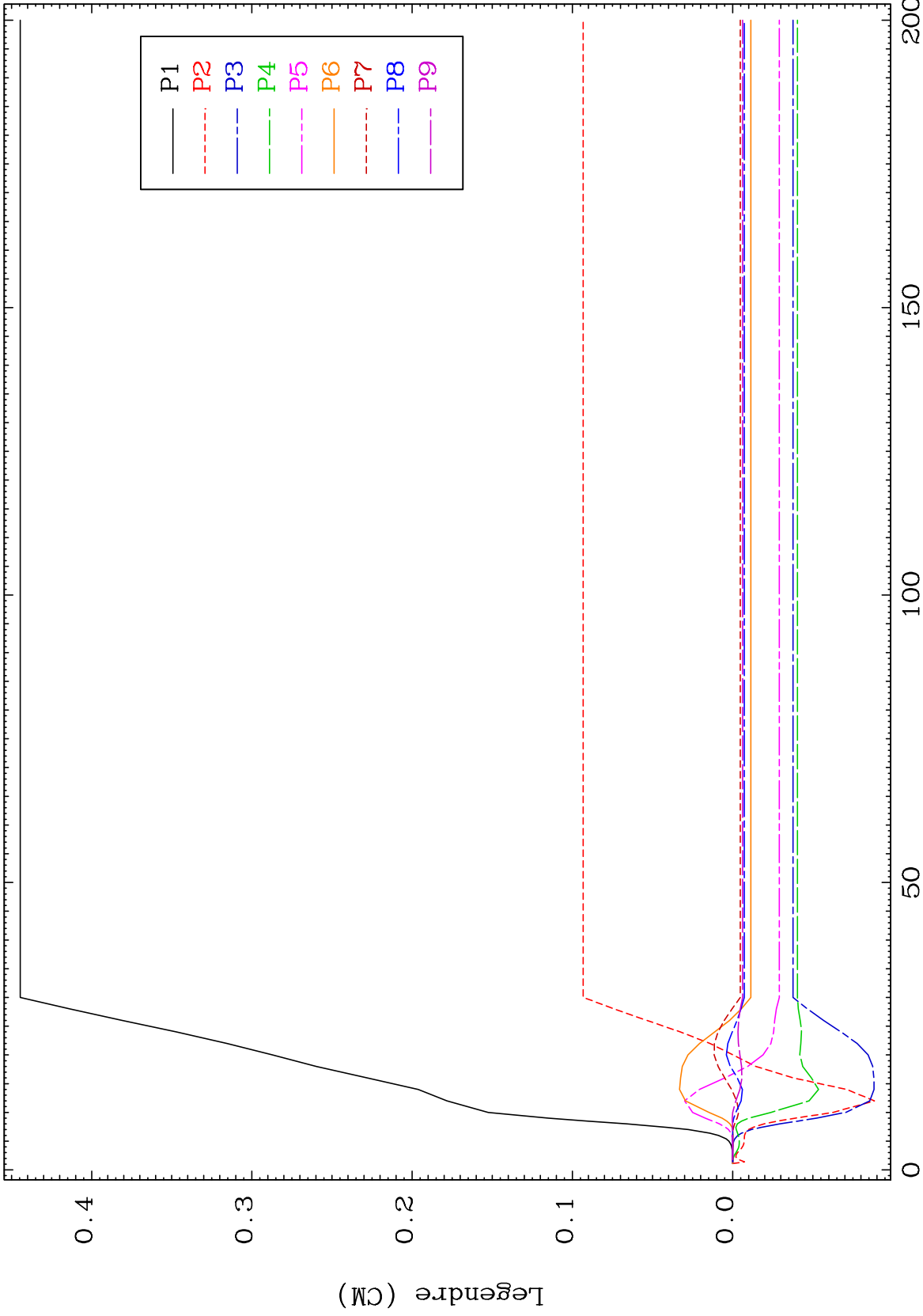
82

35-Br-79

MAT 3525

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

35-Br-79



83

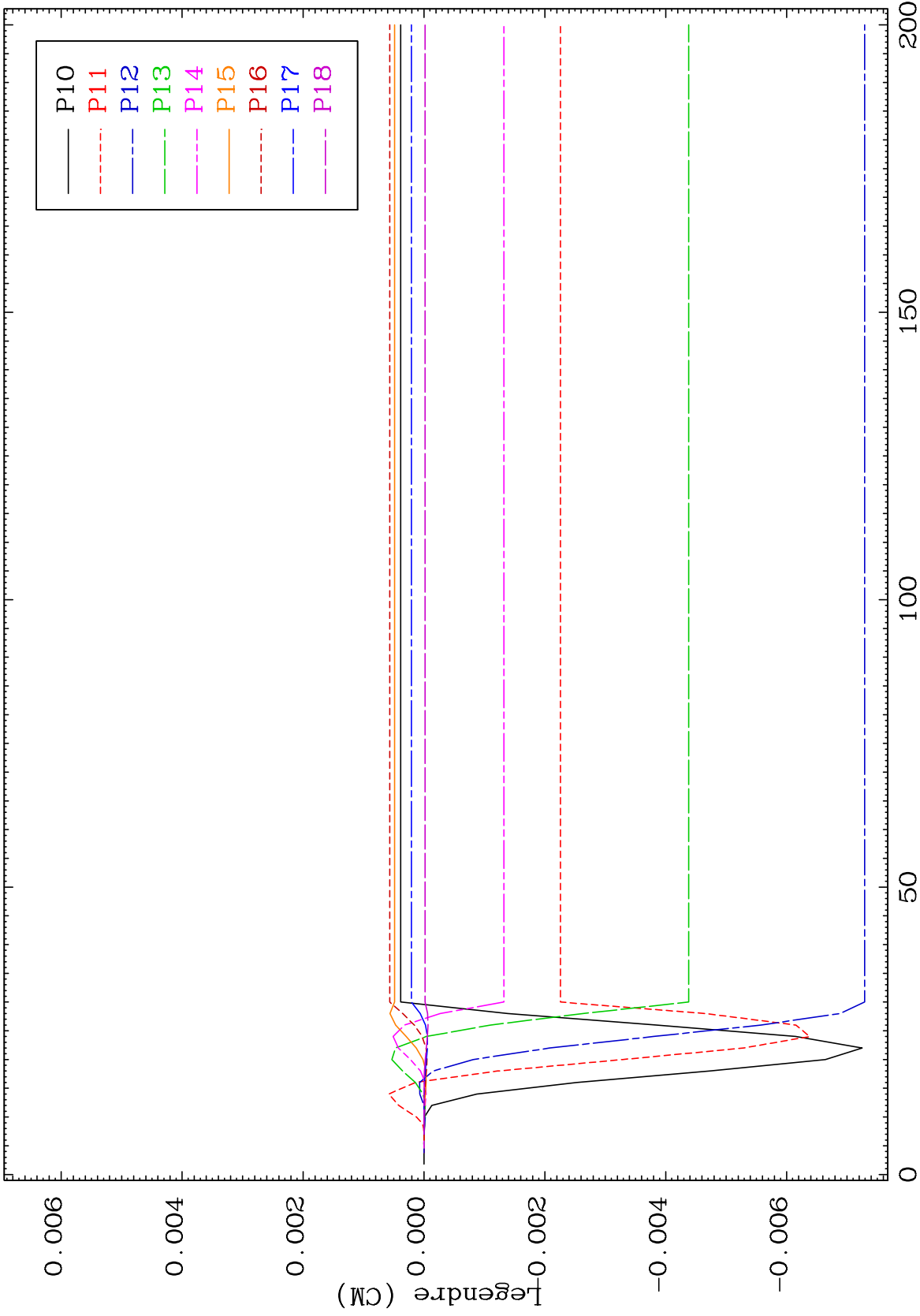
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



84

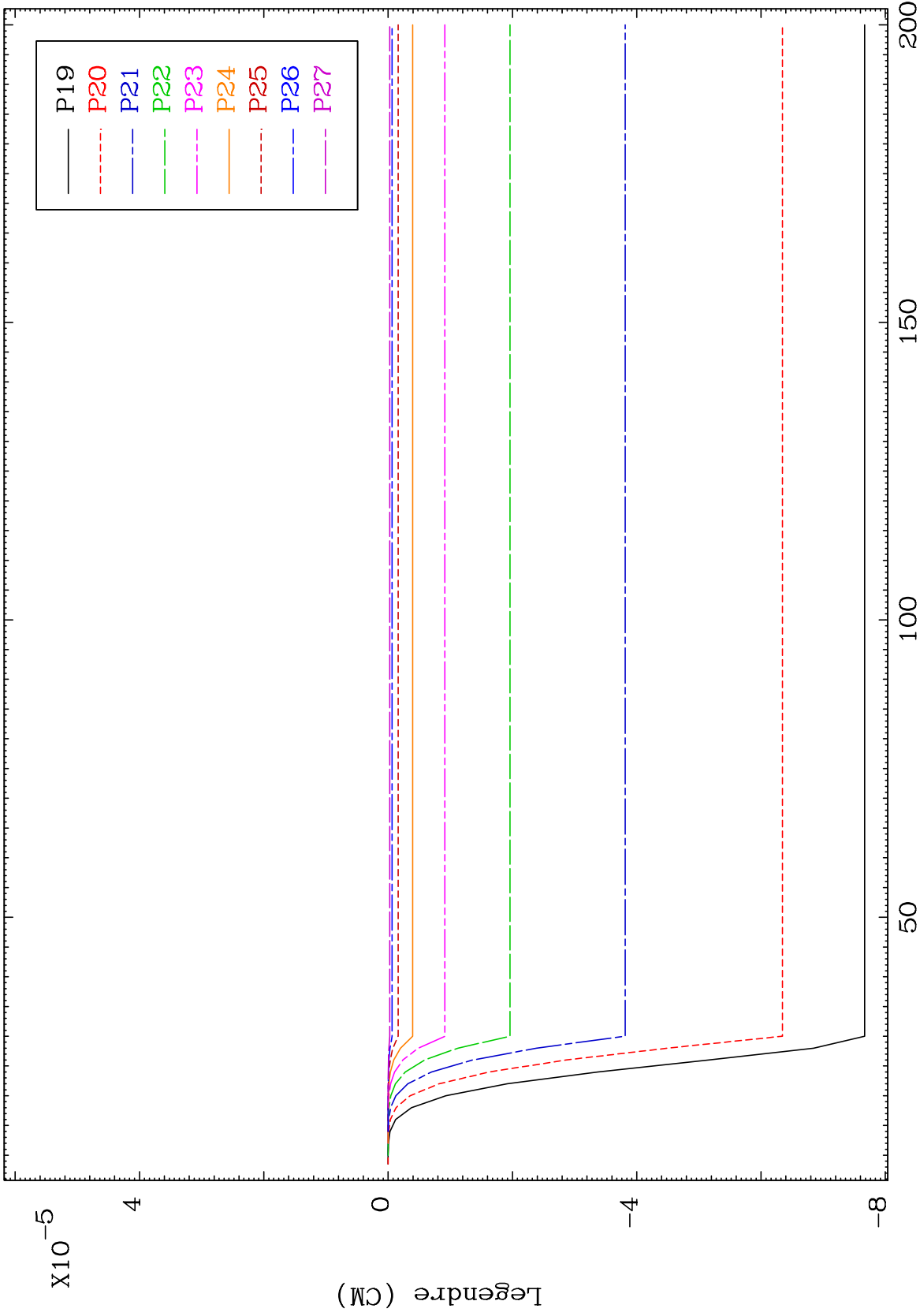
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

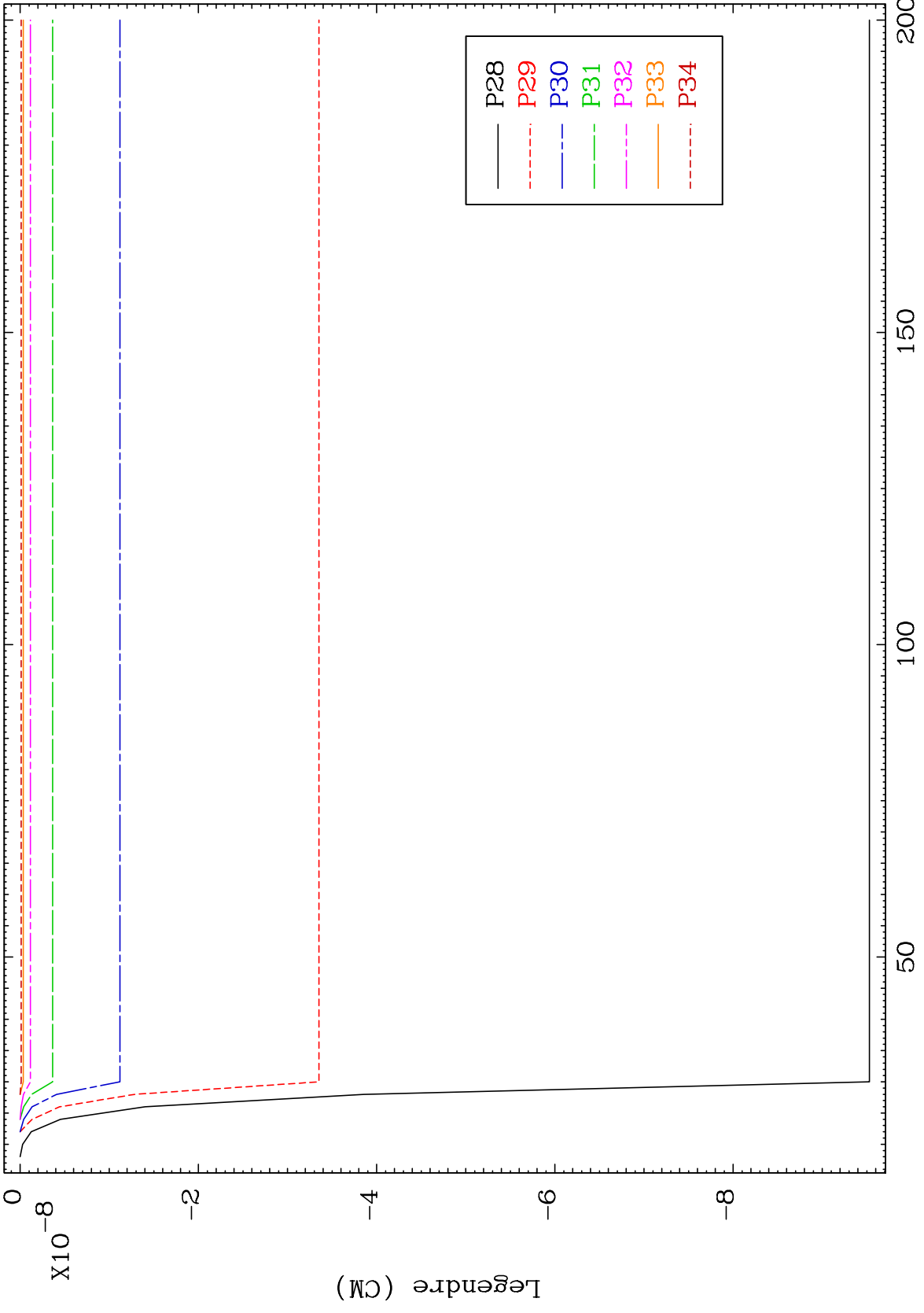


85

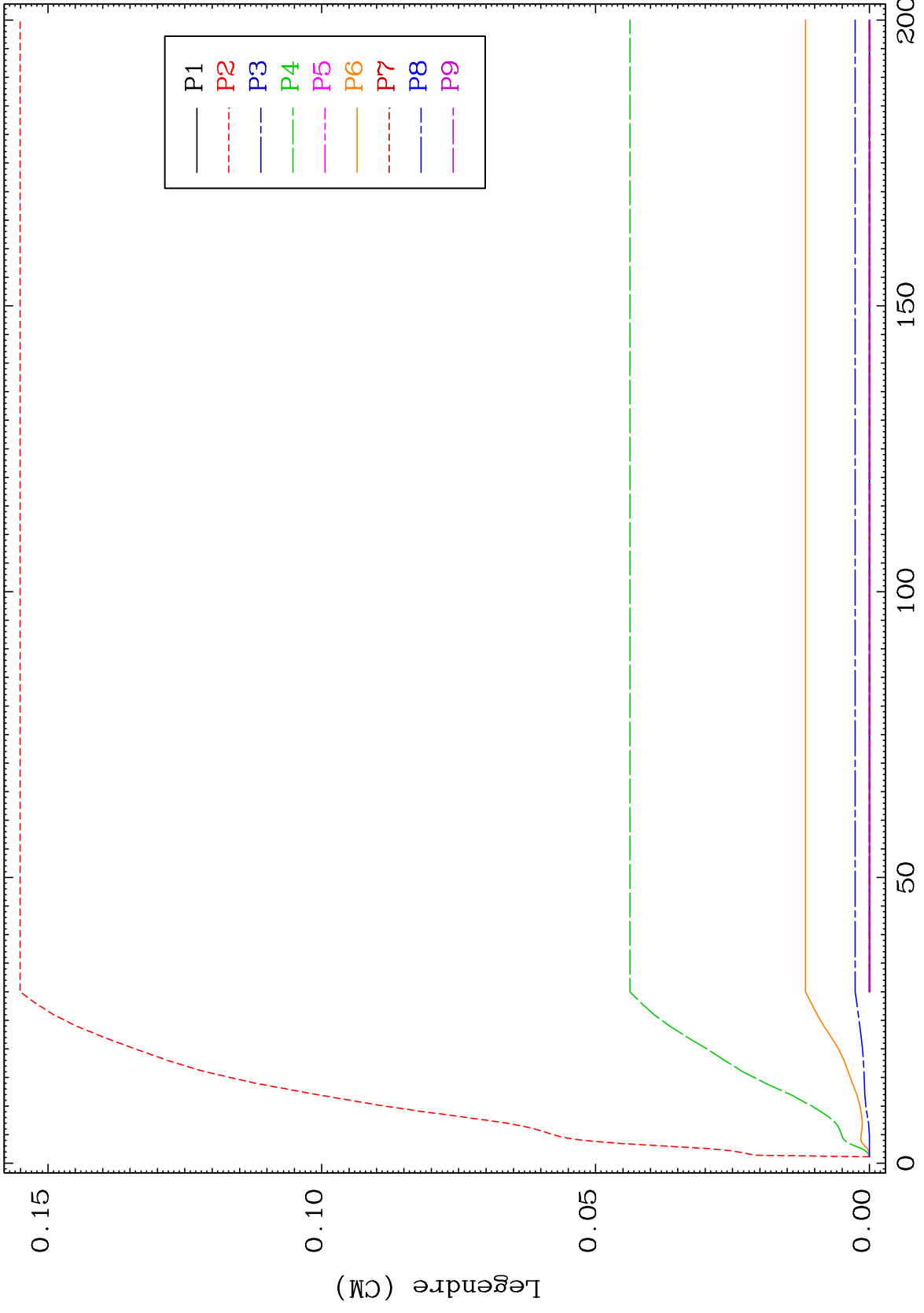
Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 70 (n,n') Level Legendre Coefficients 35-Br-79



MAT 3525 MT= 71 (n,n') Level Legendre Coefficients 35-Br-79



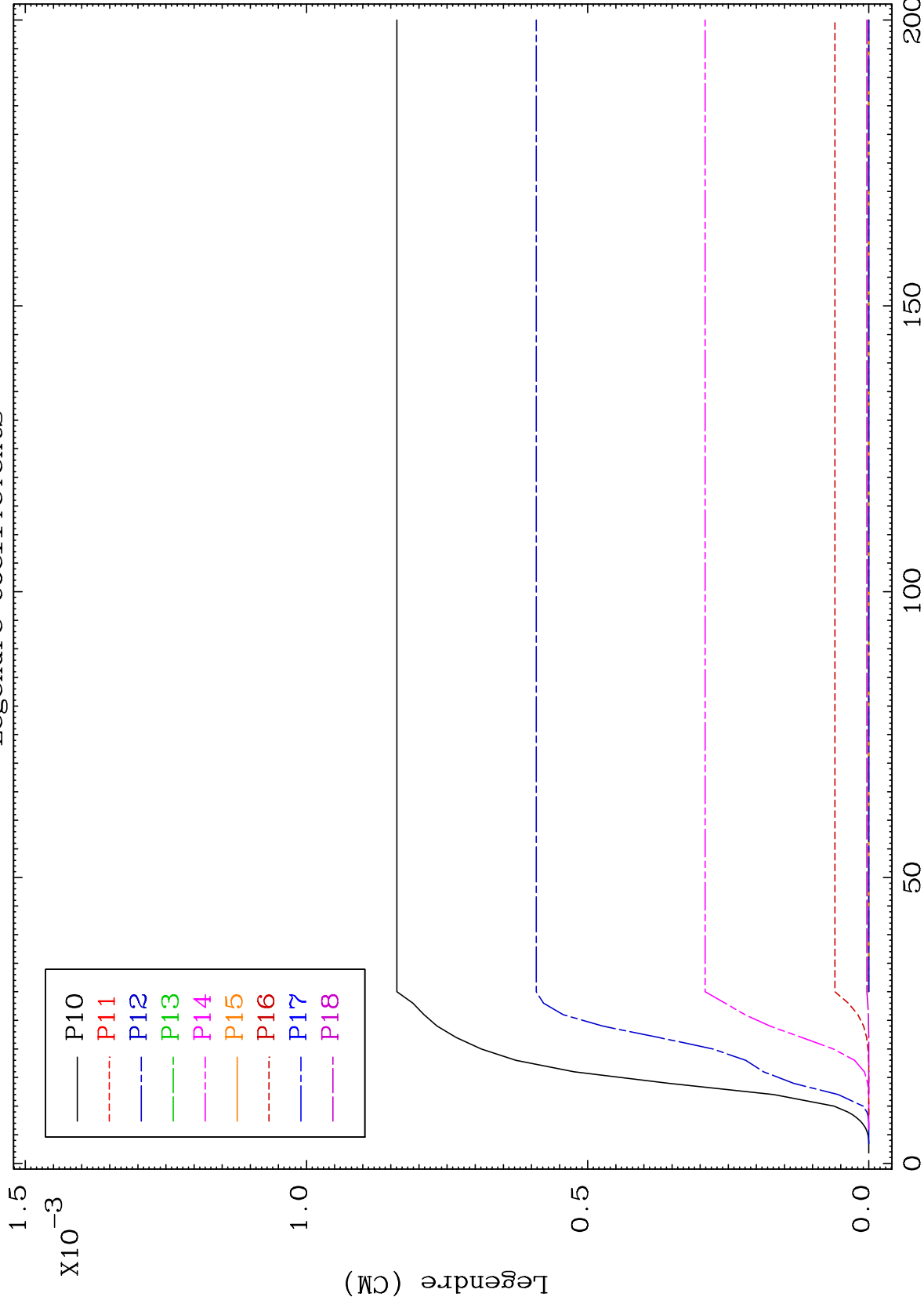
87 35-Br-79



MAT 3525

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

35-Br-79

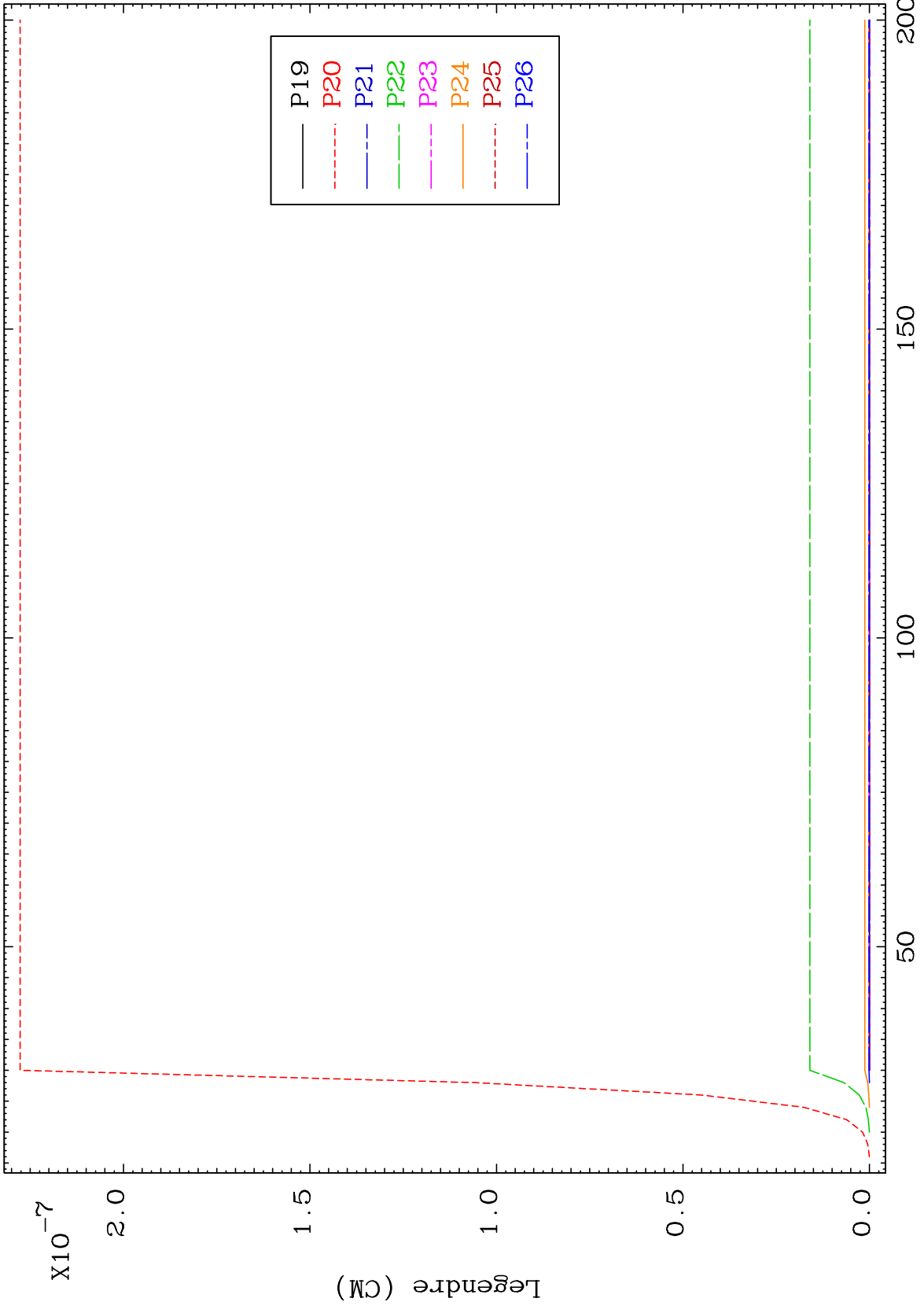


88

Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 71 (n,n') Level Legendre Coefficients 35-Br-79

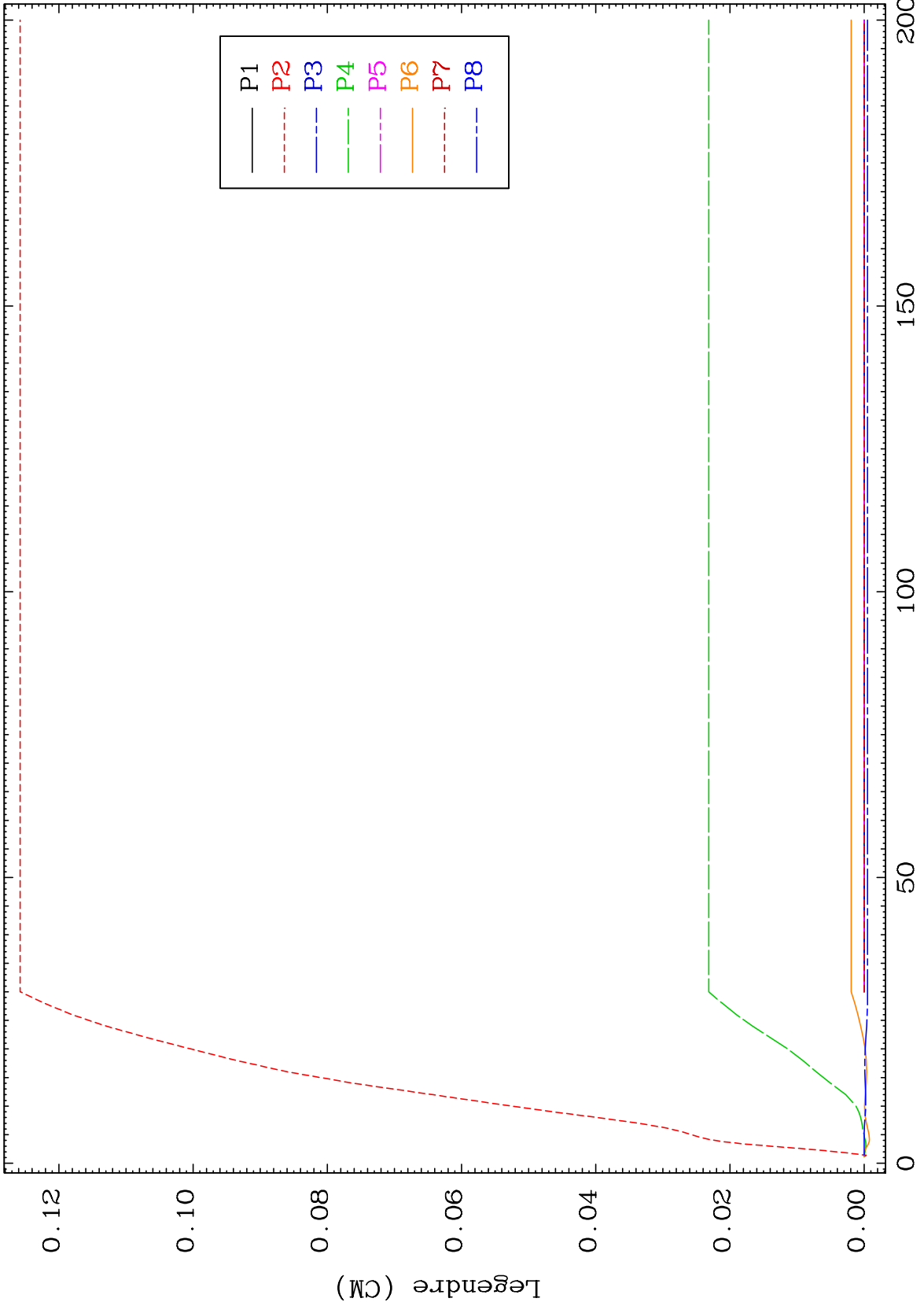


89 35-Br-79

MAT 3525

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

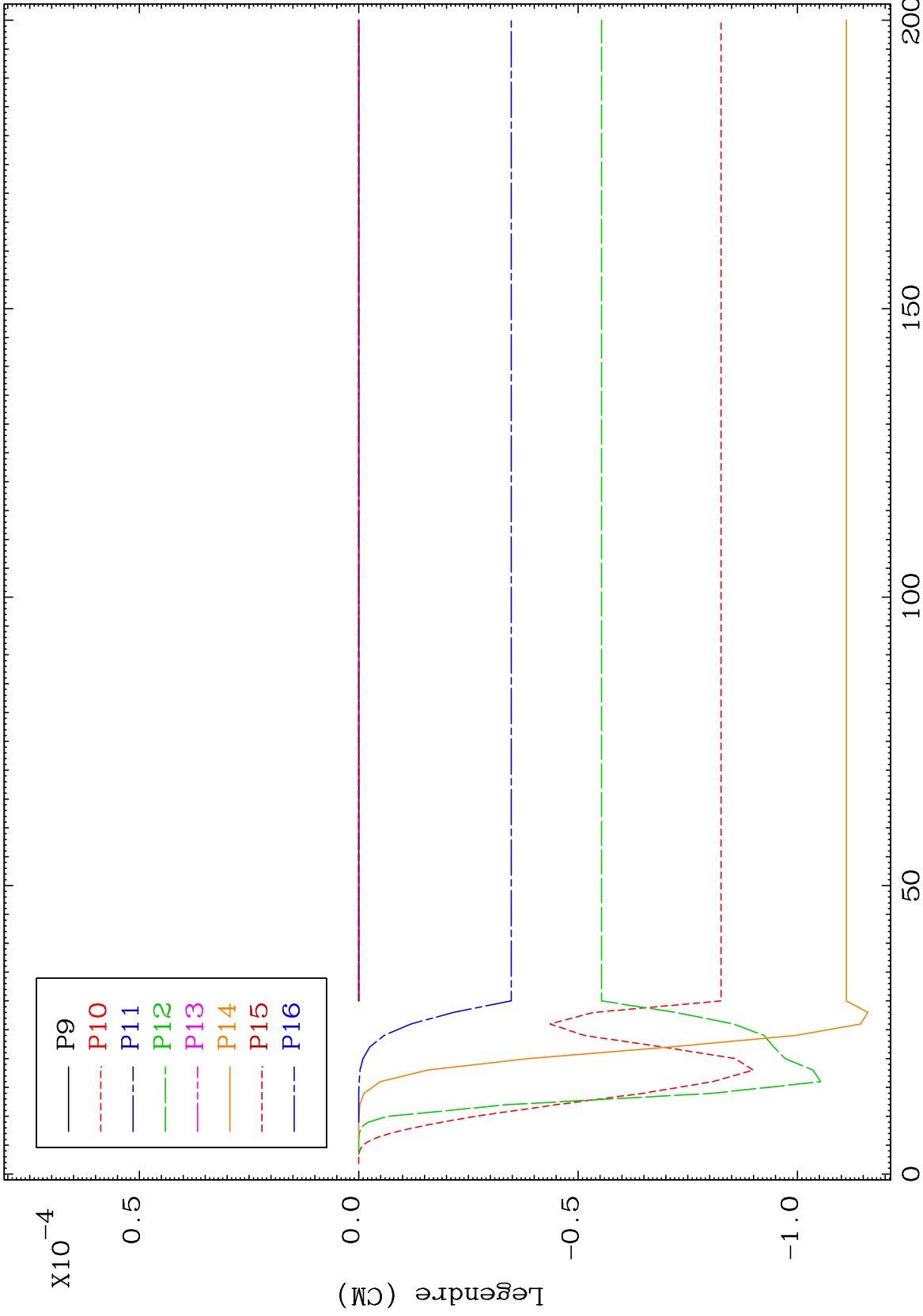
35-Br-79



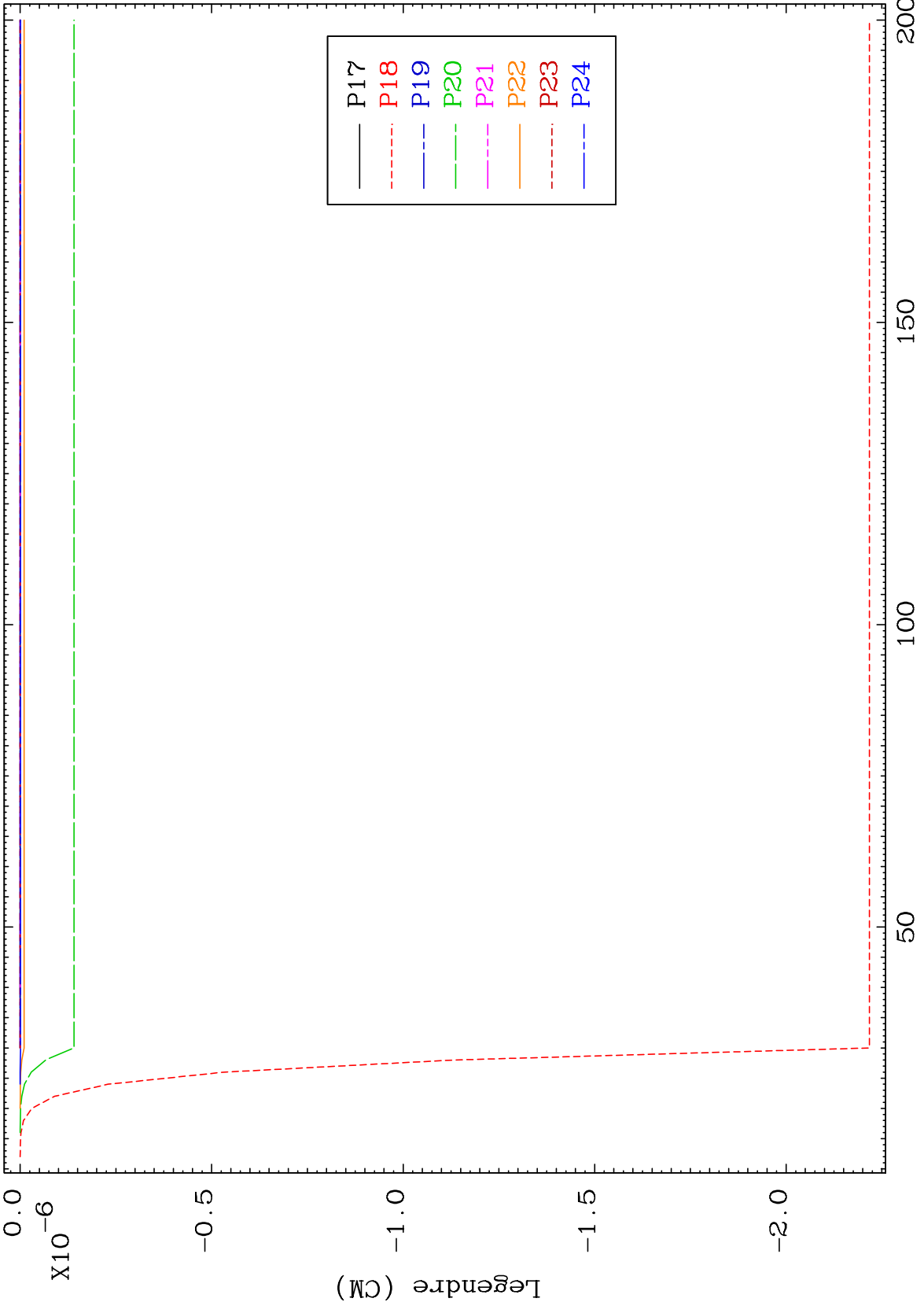
35-Br-79

Incident Energy (MeV)

Legendre (CM)

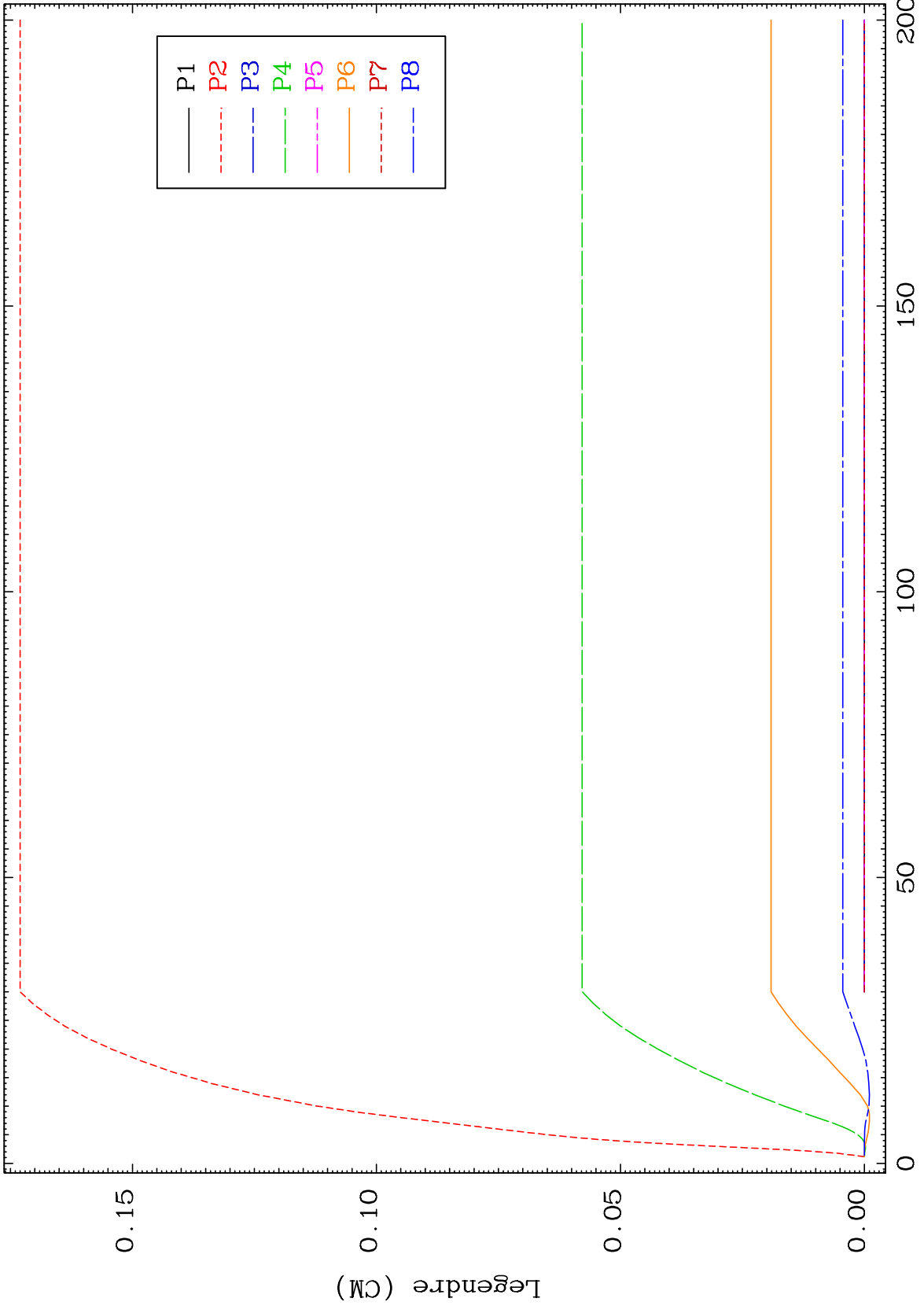


MAT 3525 MT= 72 (n,n') Level Legendre Coefficients 35-Br-79



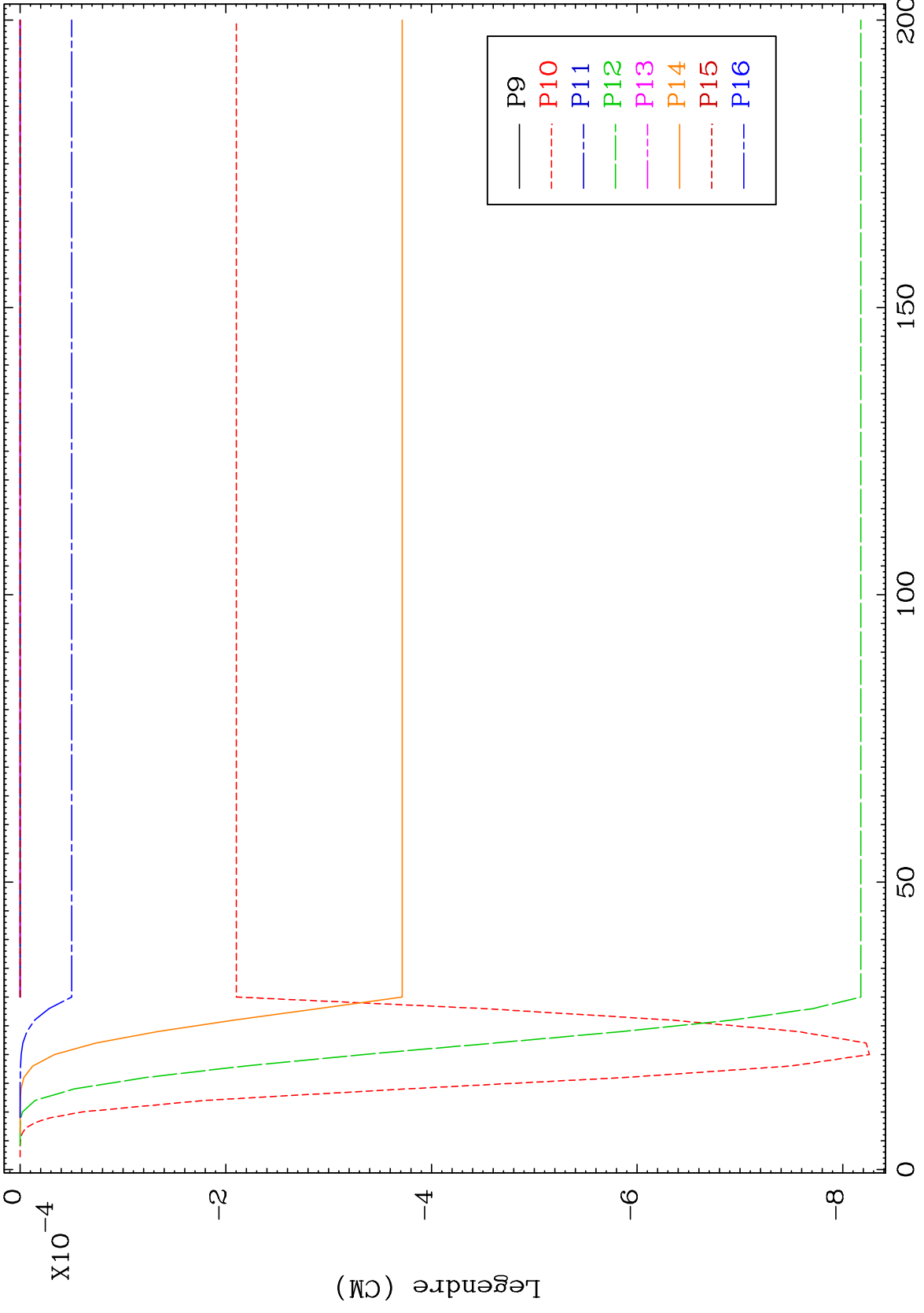
92 35-Br-79

MAT 3525 MT= 73 (n,n') Level Legendre Coefficients 35-Br-79



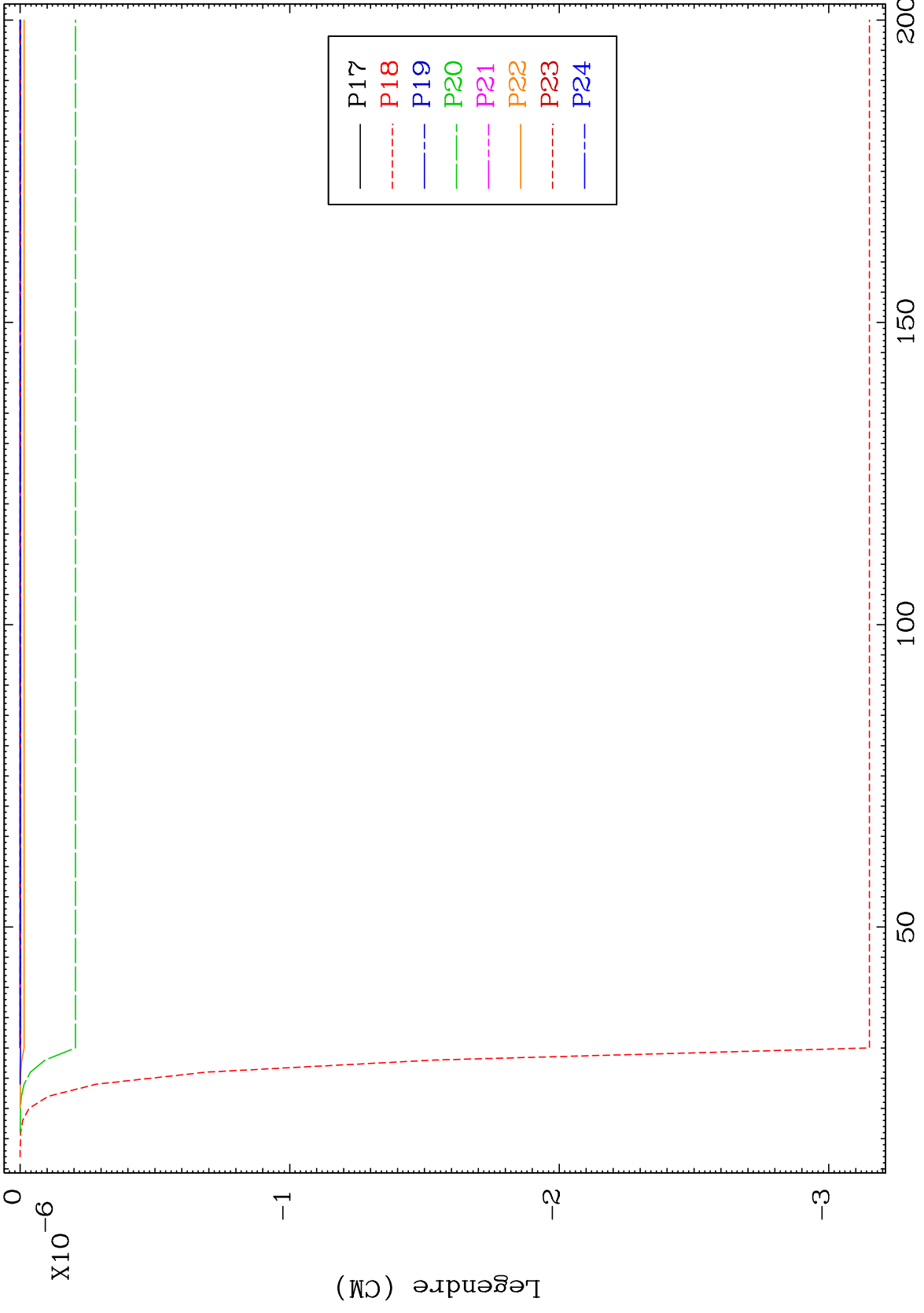
93 35-Br-79

MAT 3525 MT= 73 (n,n') Level Legendre Coefficients 35-Br-79



94 35-Br-79

MAT 3525 MT= 73 (n,n') Level Legendre Coefficients 35-Br-79



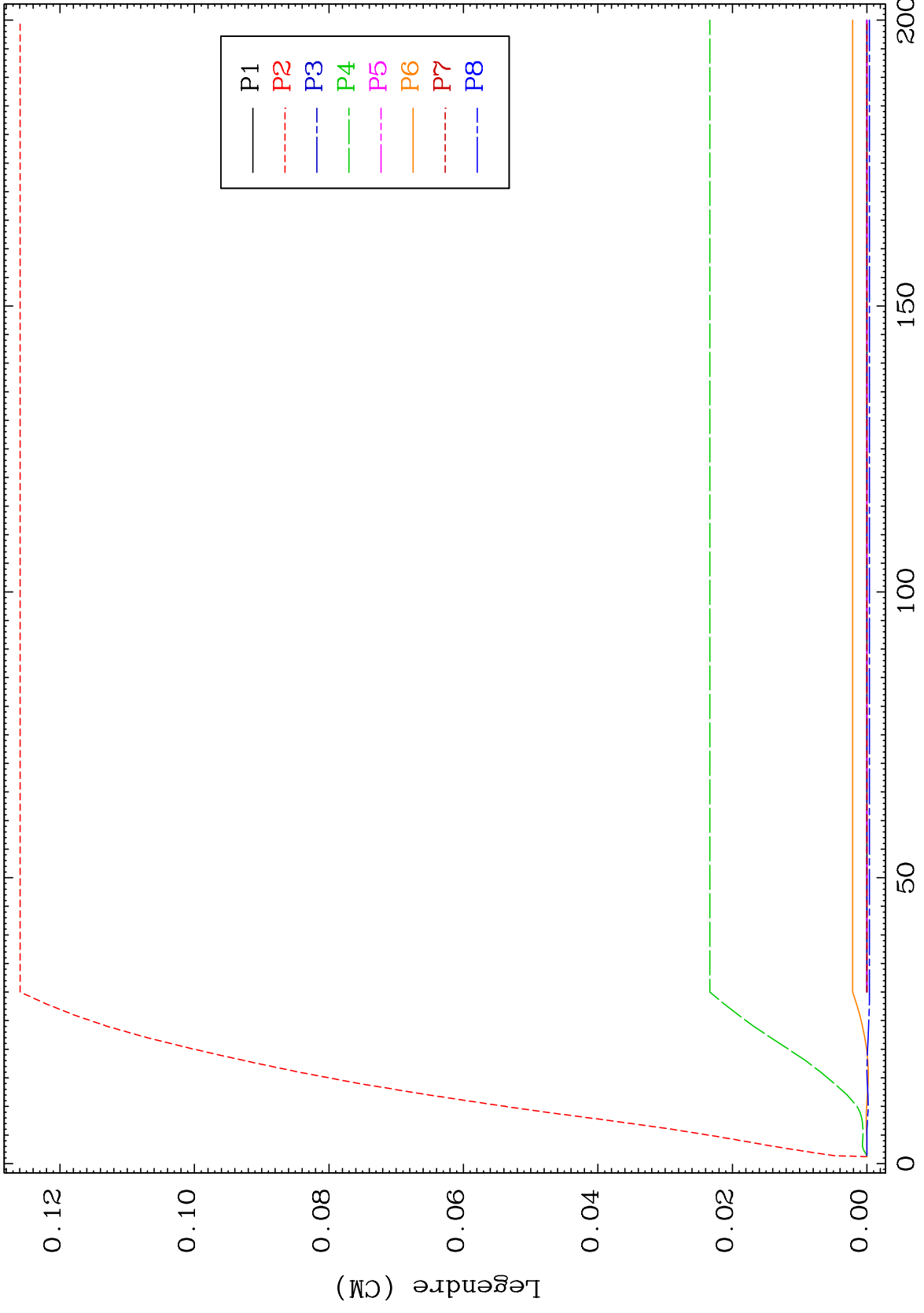
95 Incident Energy (MeV) 200 35-Br-79



MAT 3525

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

35-Br-79



96

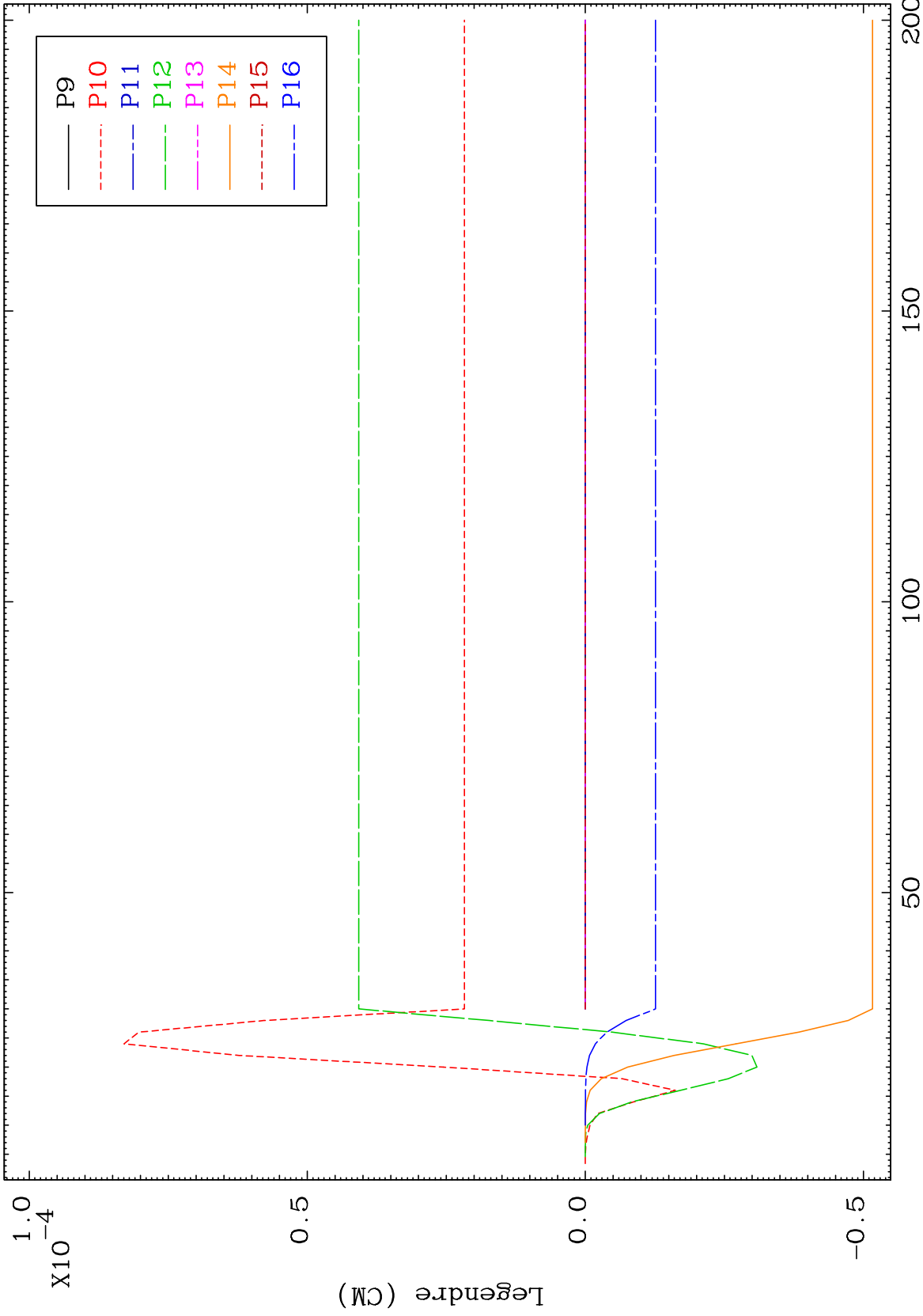
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



97

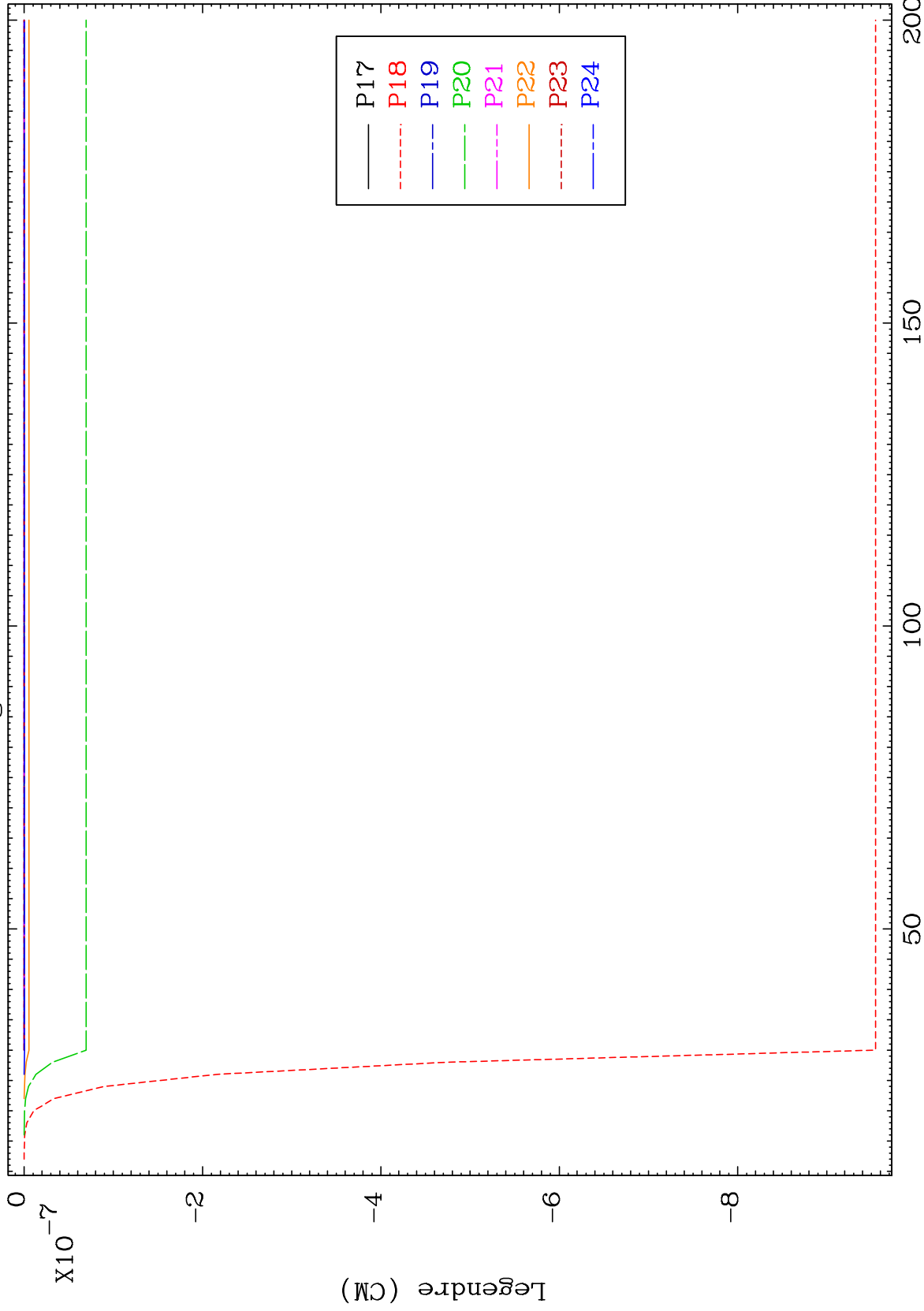
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



98

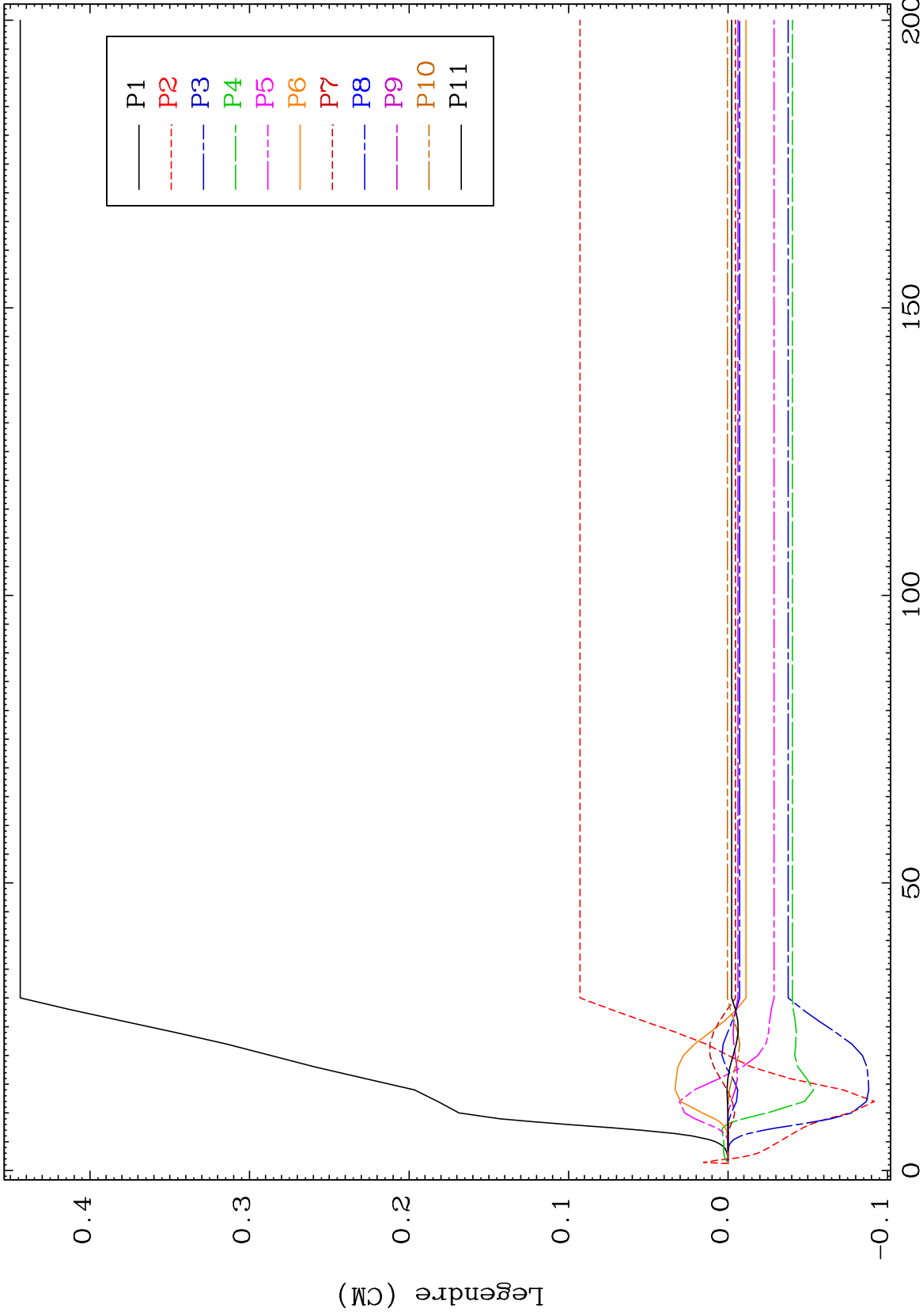
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



99

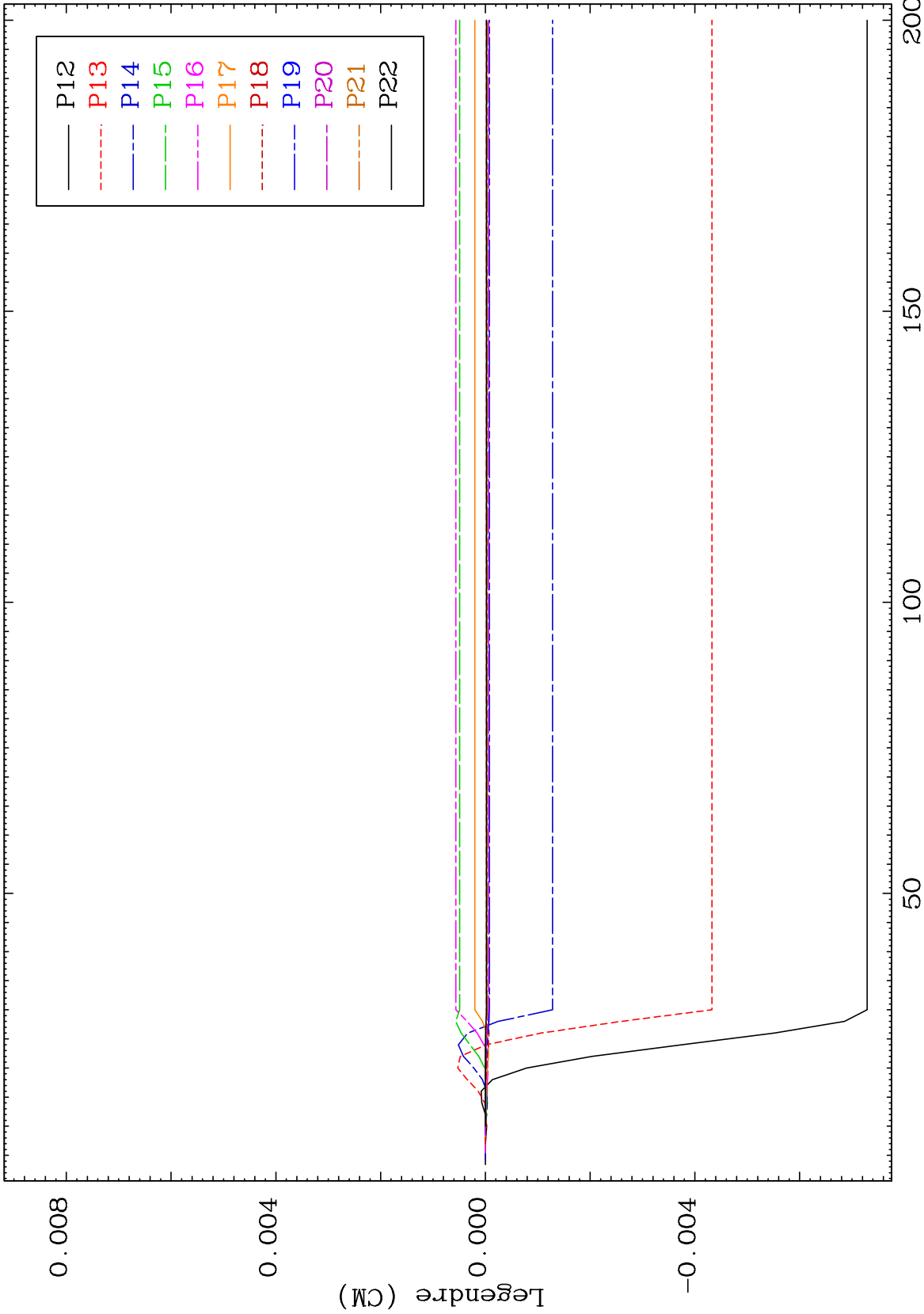
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

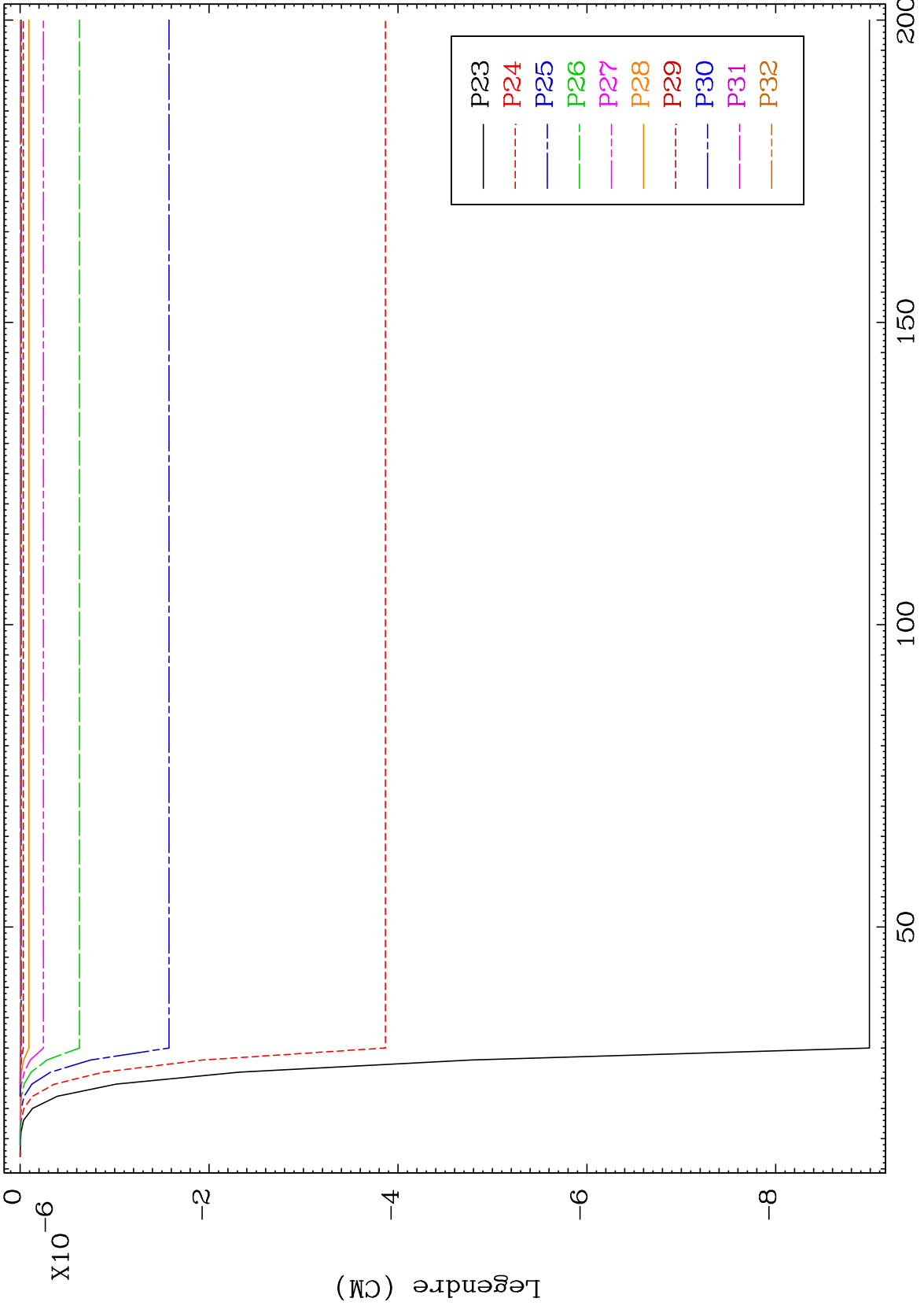


100

Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 75 (n,n') Level Legendre Coefficients 35-Br-79

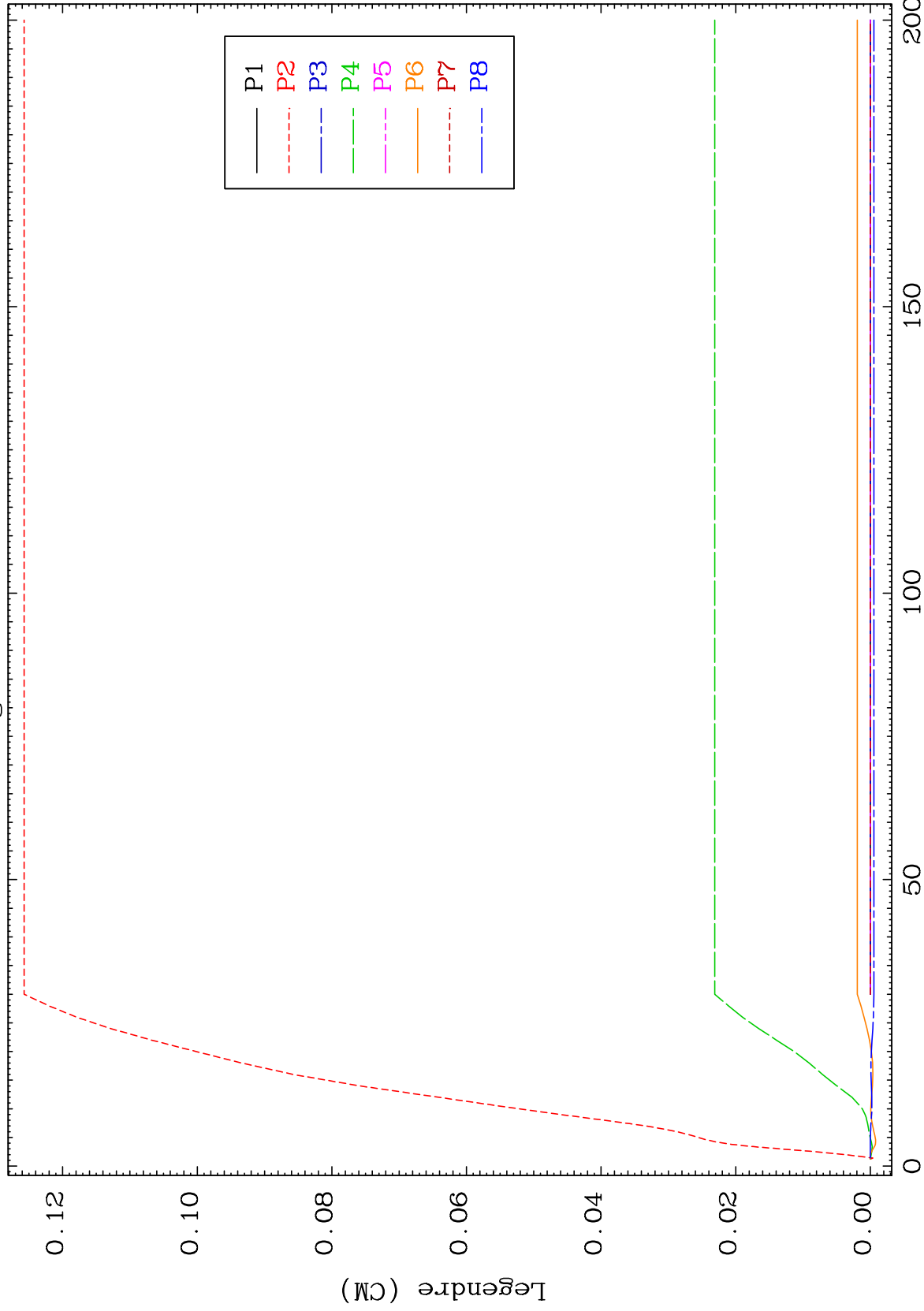


101 35-Br-79

MAT 3525

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

35-Br-79



35-Br-79

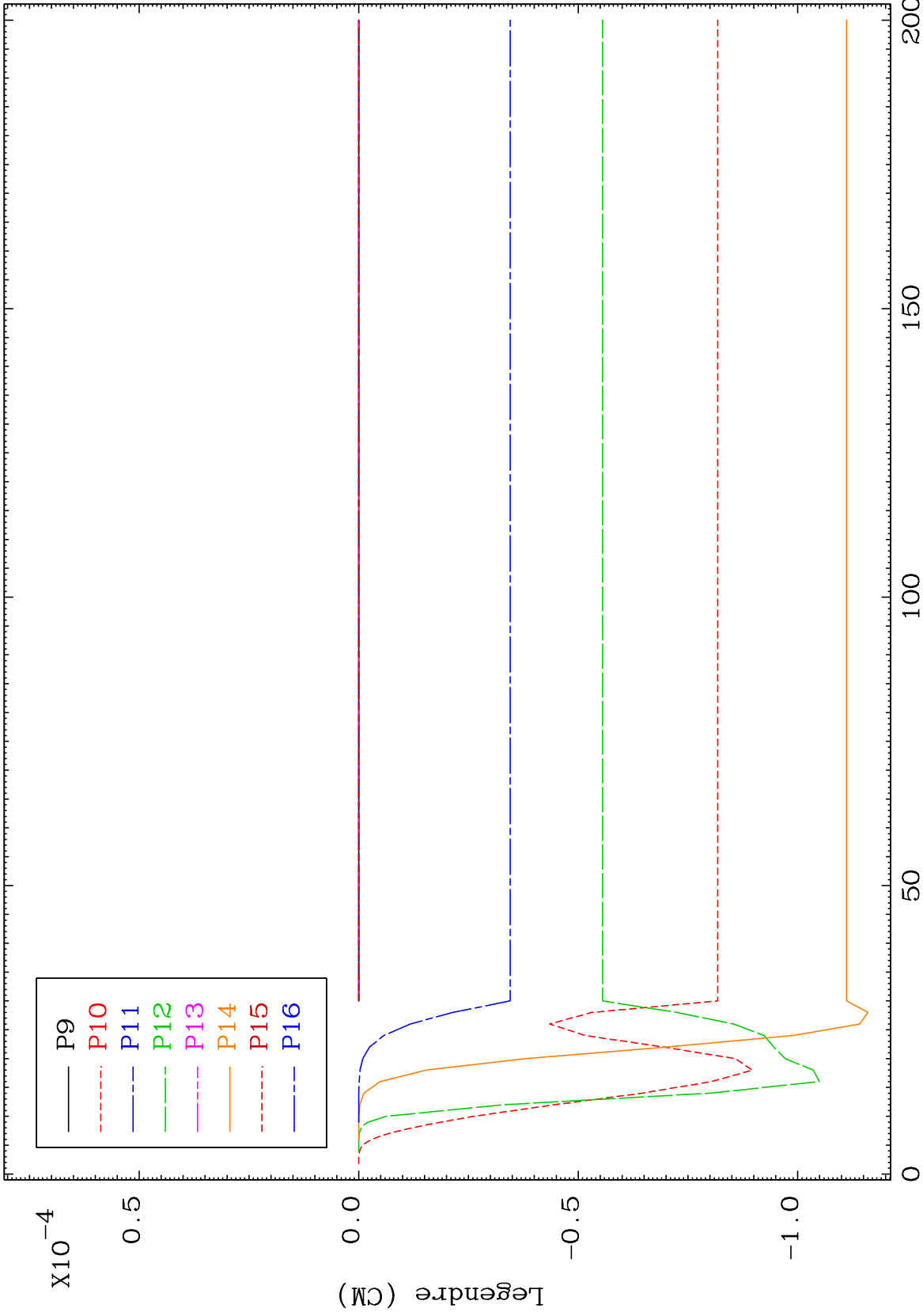
Incident Energy (MeV)

102

MAT 3525

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

35-Br-79



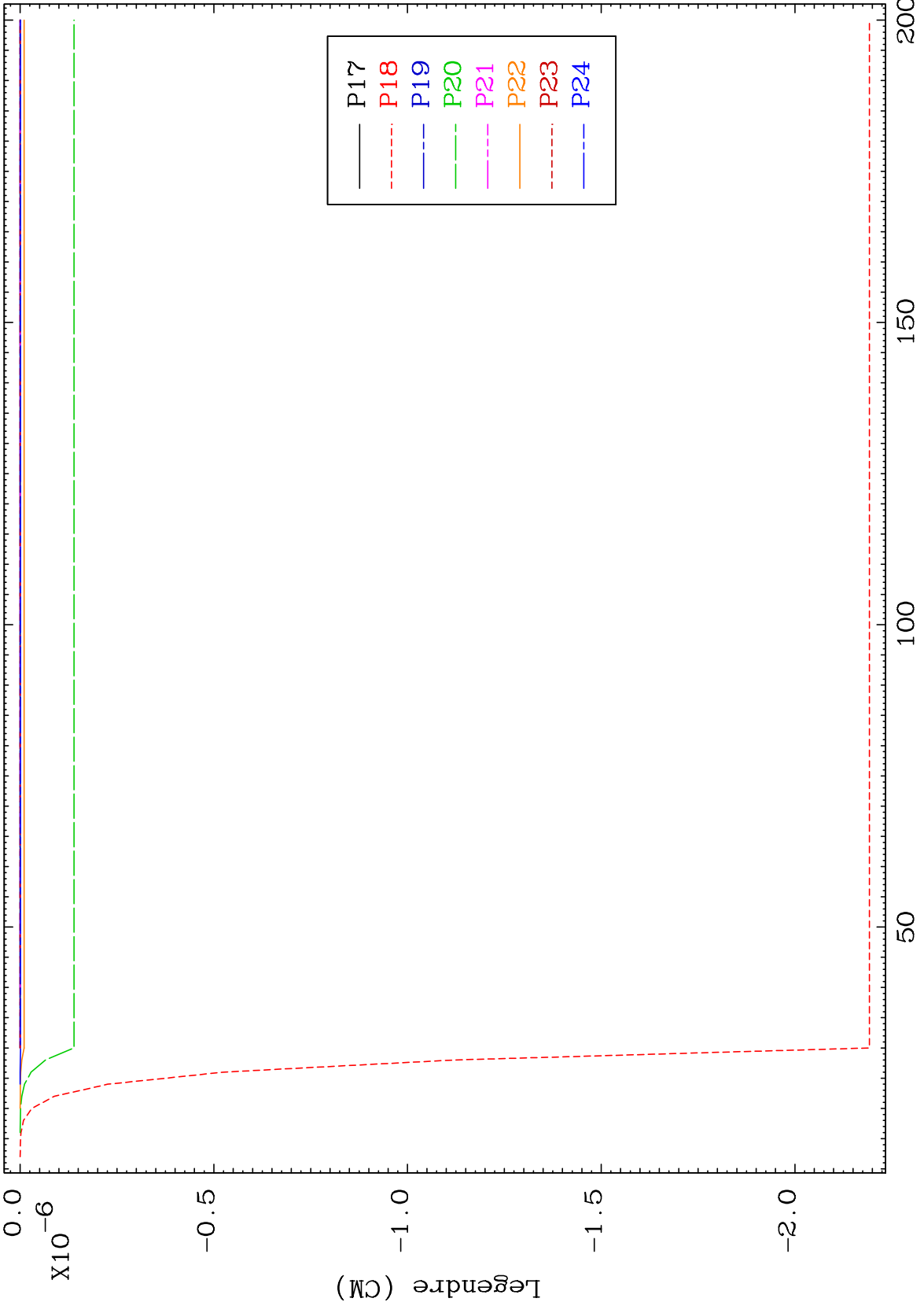
103

Incident Energy (MeV)

35-Br-79



MAT 3525 MT= 76 (n,n') Level Legendre Coefficients 35-Br-79

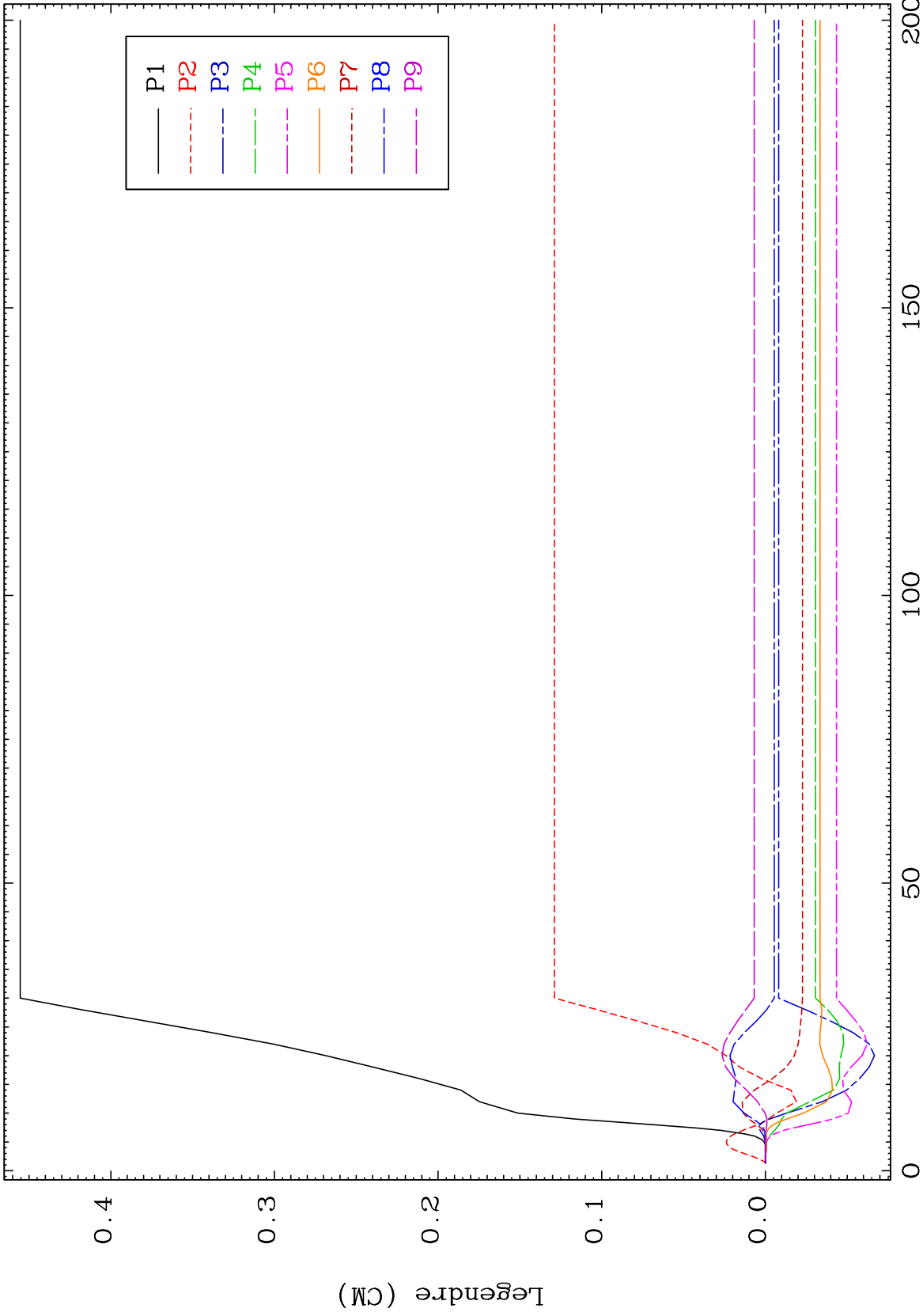


104 35-Br-79

MAT 3525

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

35-Br-79



35-Br-79

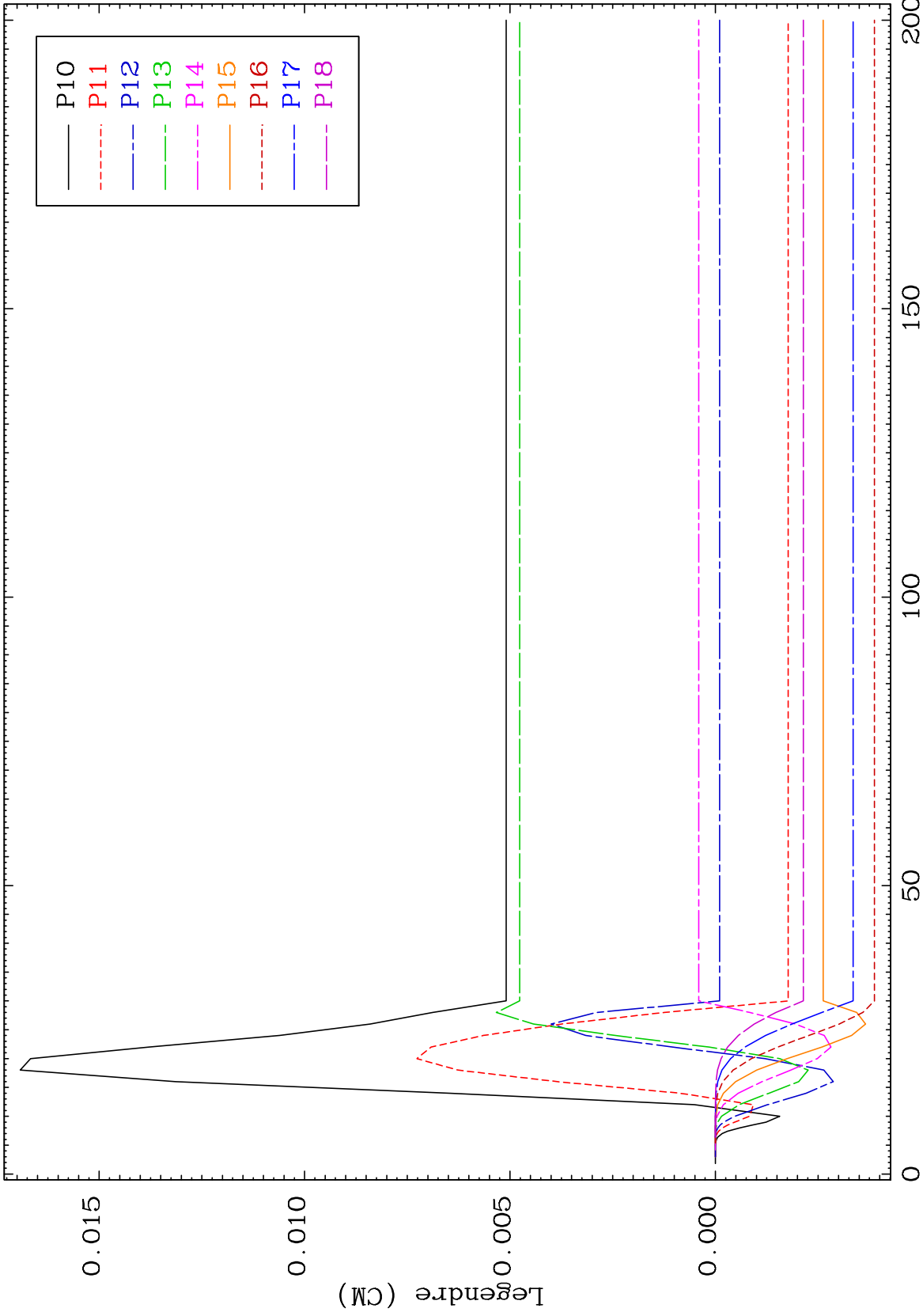
Incident Energy (MeV)

Legendre (CM)

MAT 3525

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

35-Br-79



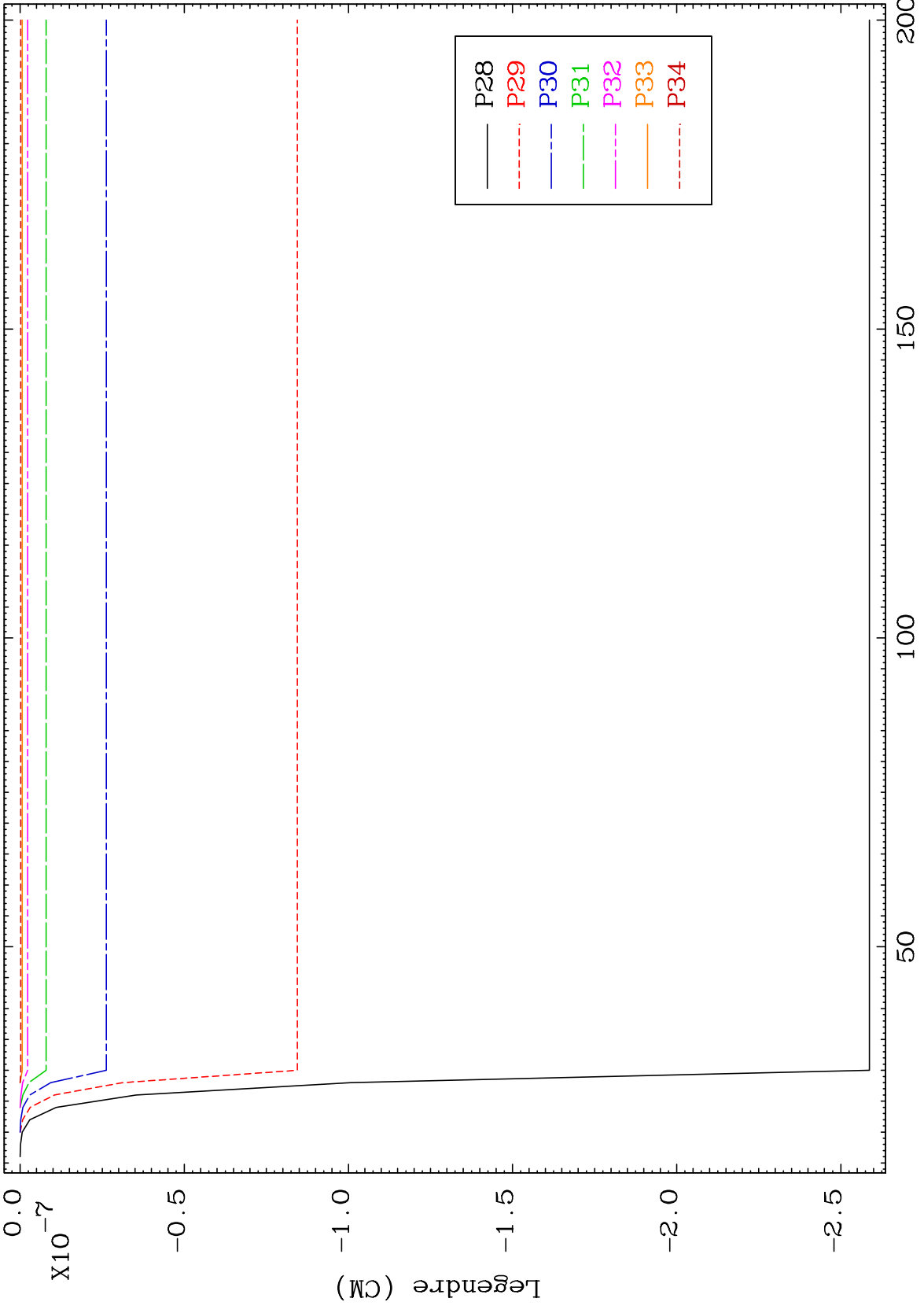
106

Incident Energy (MeV)

35-Br-79

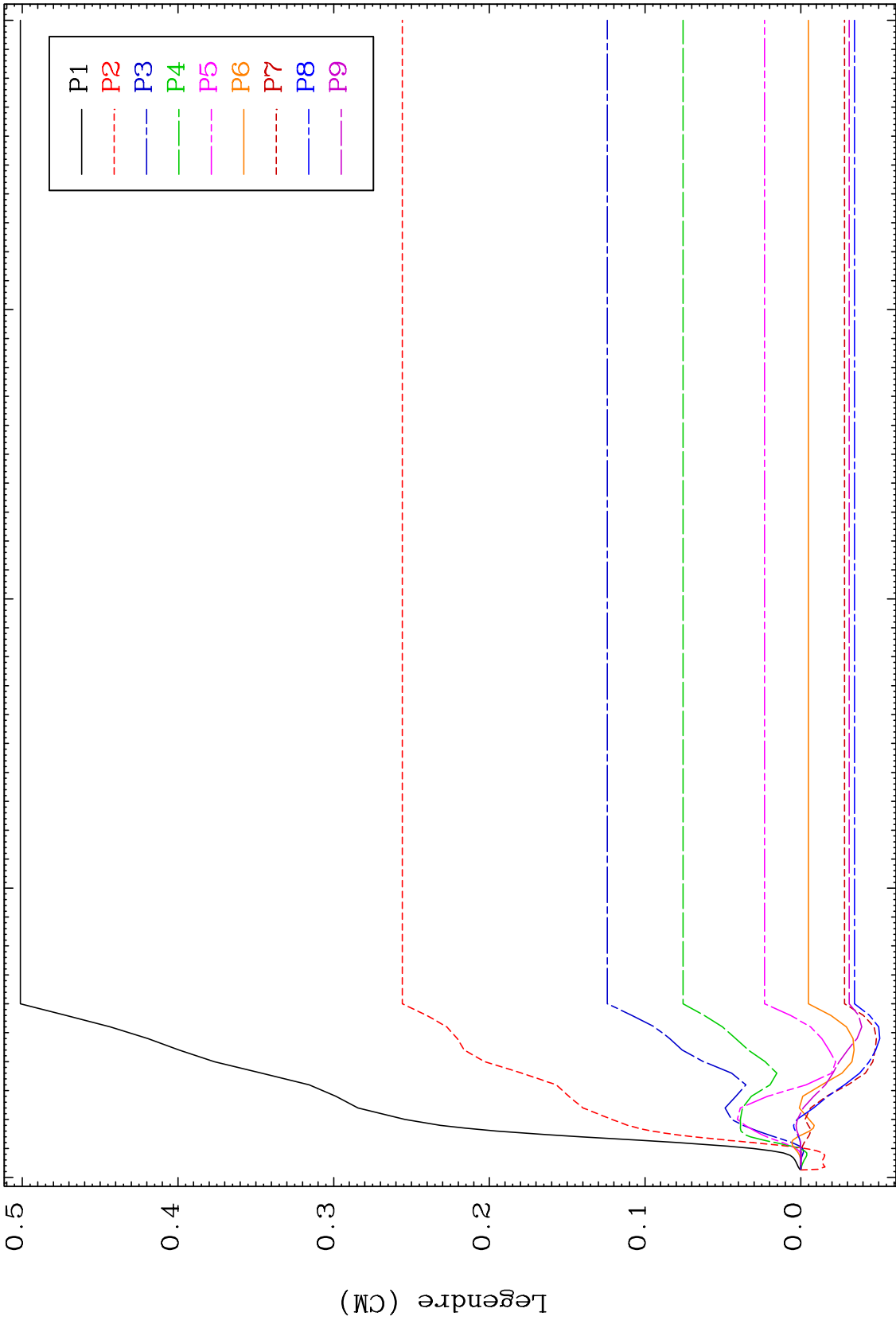


MAT 3525 MT= 77 (n,n') Level Legendre Coefficients 35-Br-79



108 35-Br-79

MAT 3525 MT= 78 (n,n') Level Legendre Coefficients 35-Br-79

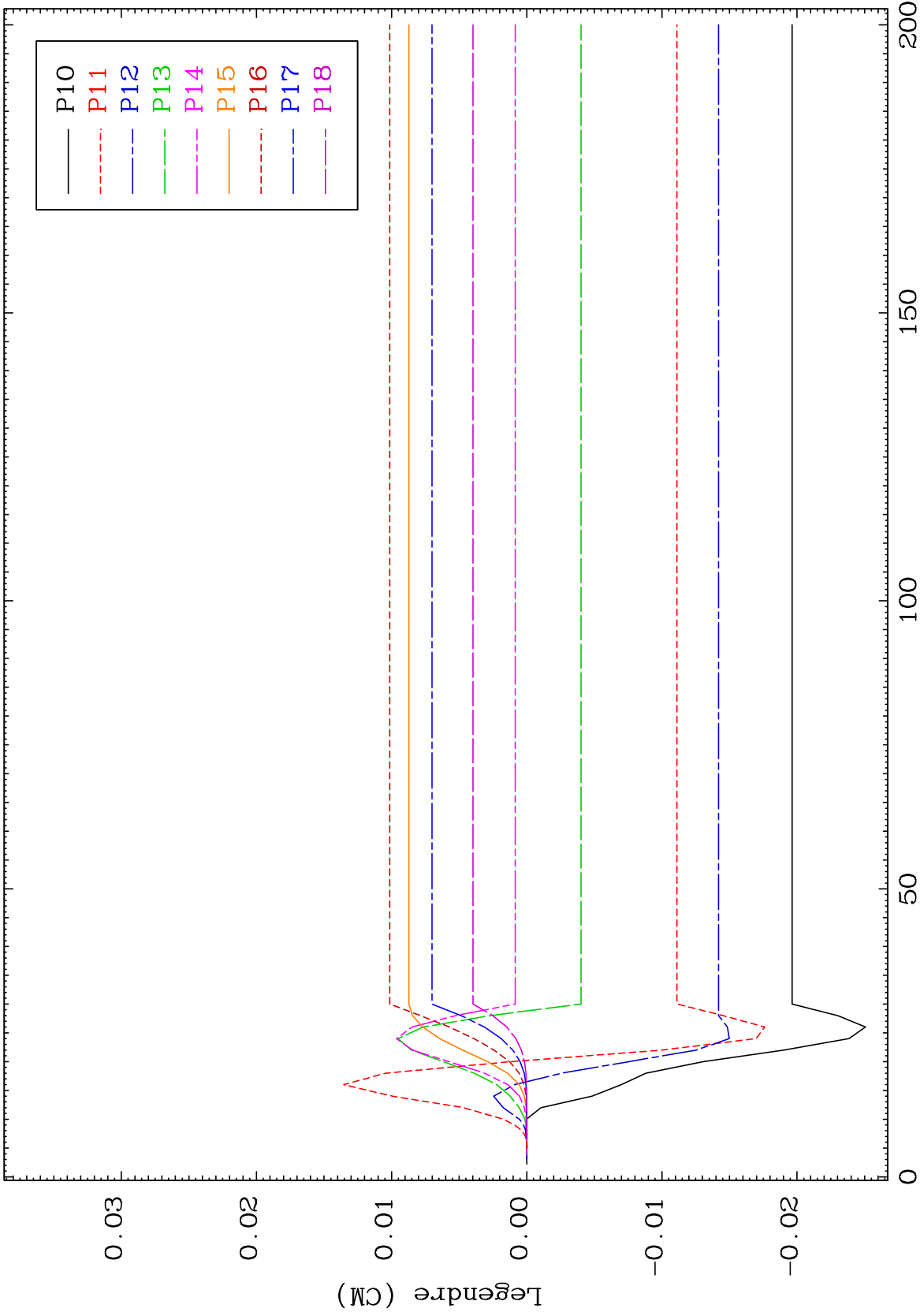


109 35-Br-79

MAT 3525

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

35-Br-79



110

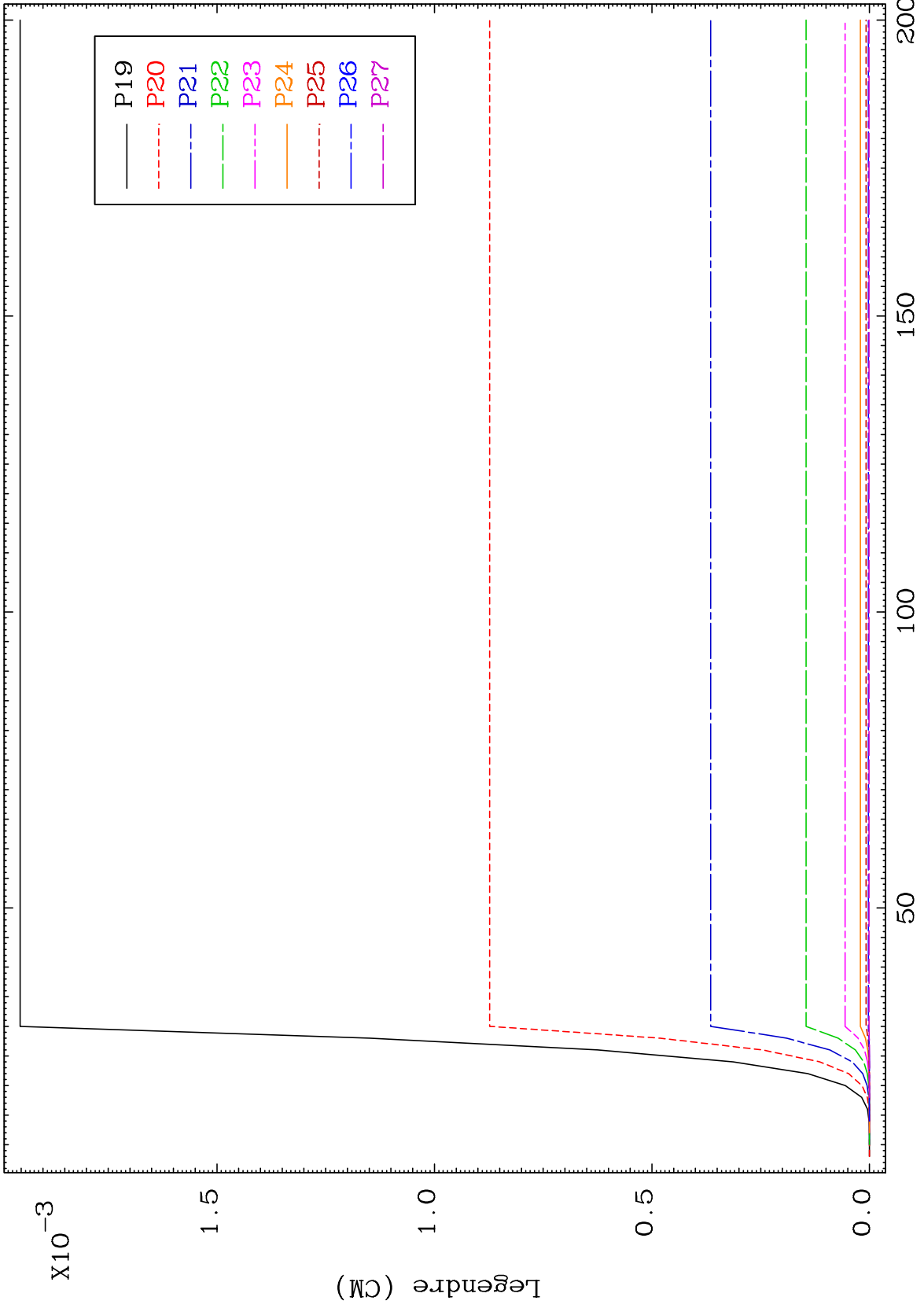
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



111

Incident Energy (MeV)

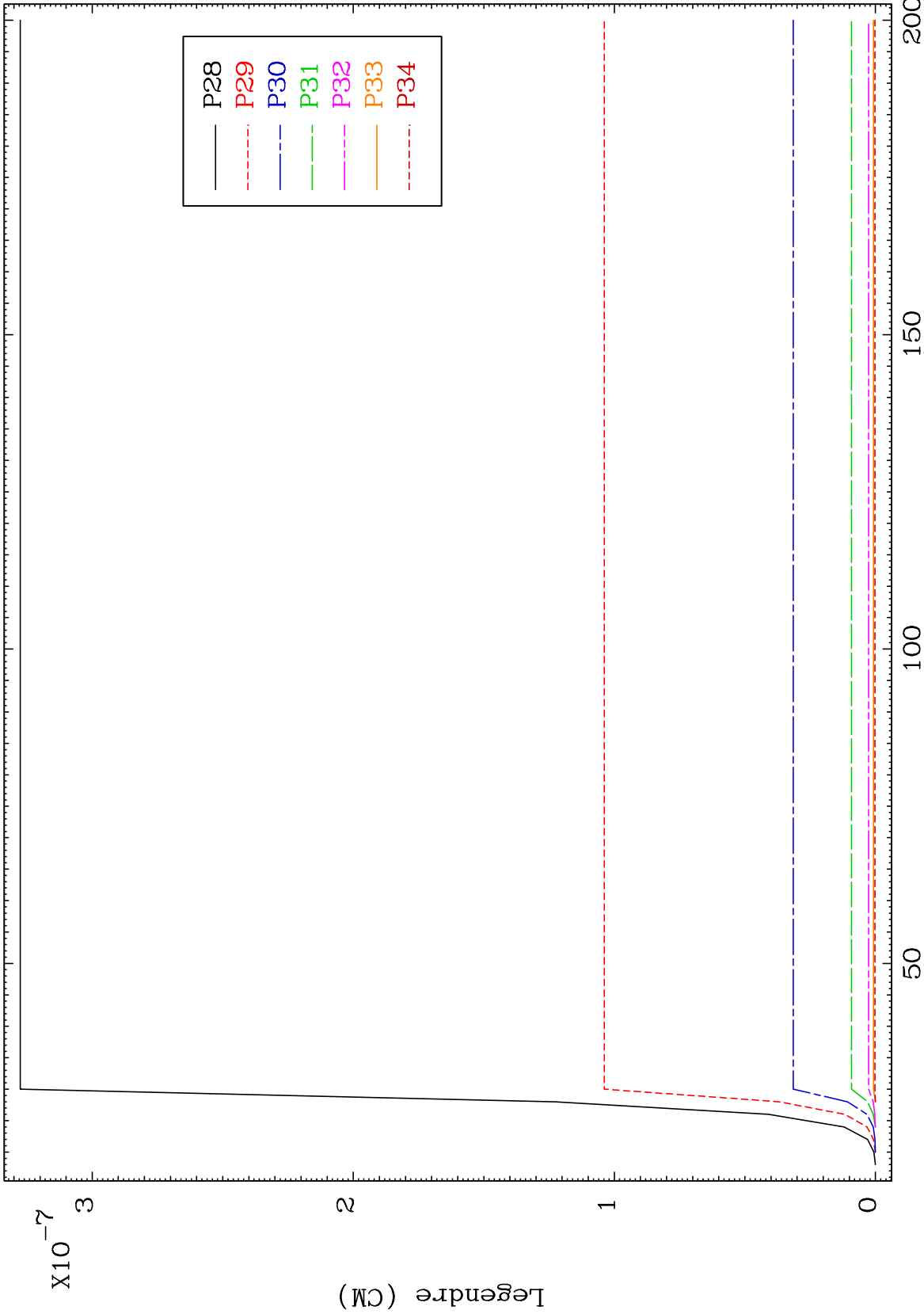
35-Br-79



MAT 3525

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

35-Br-79



112

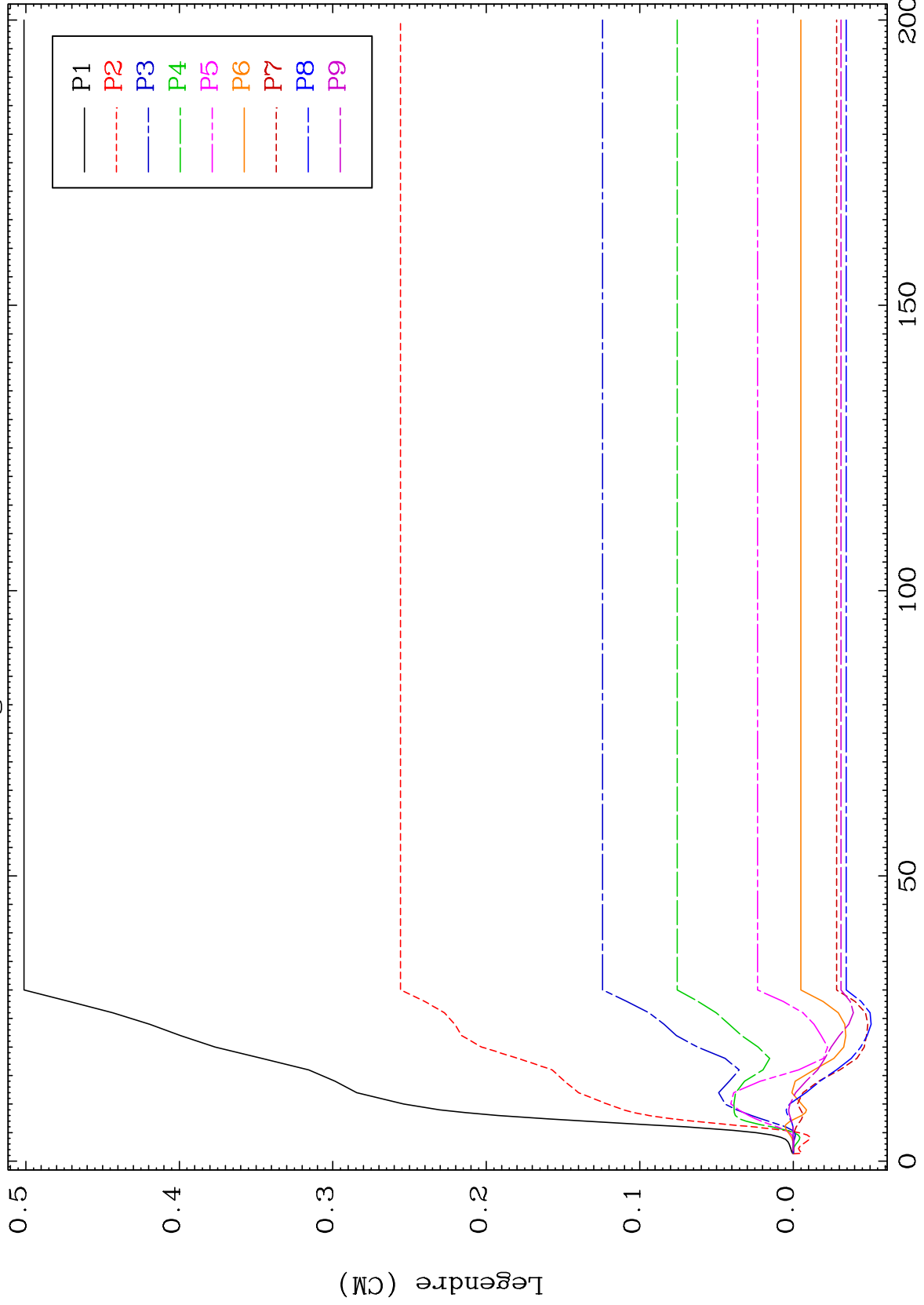
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



113

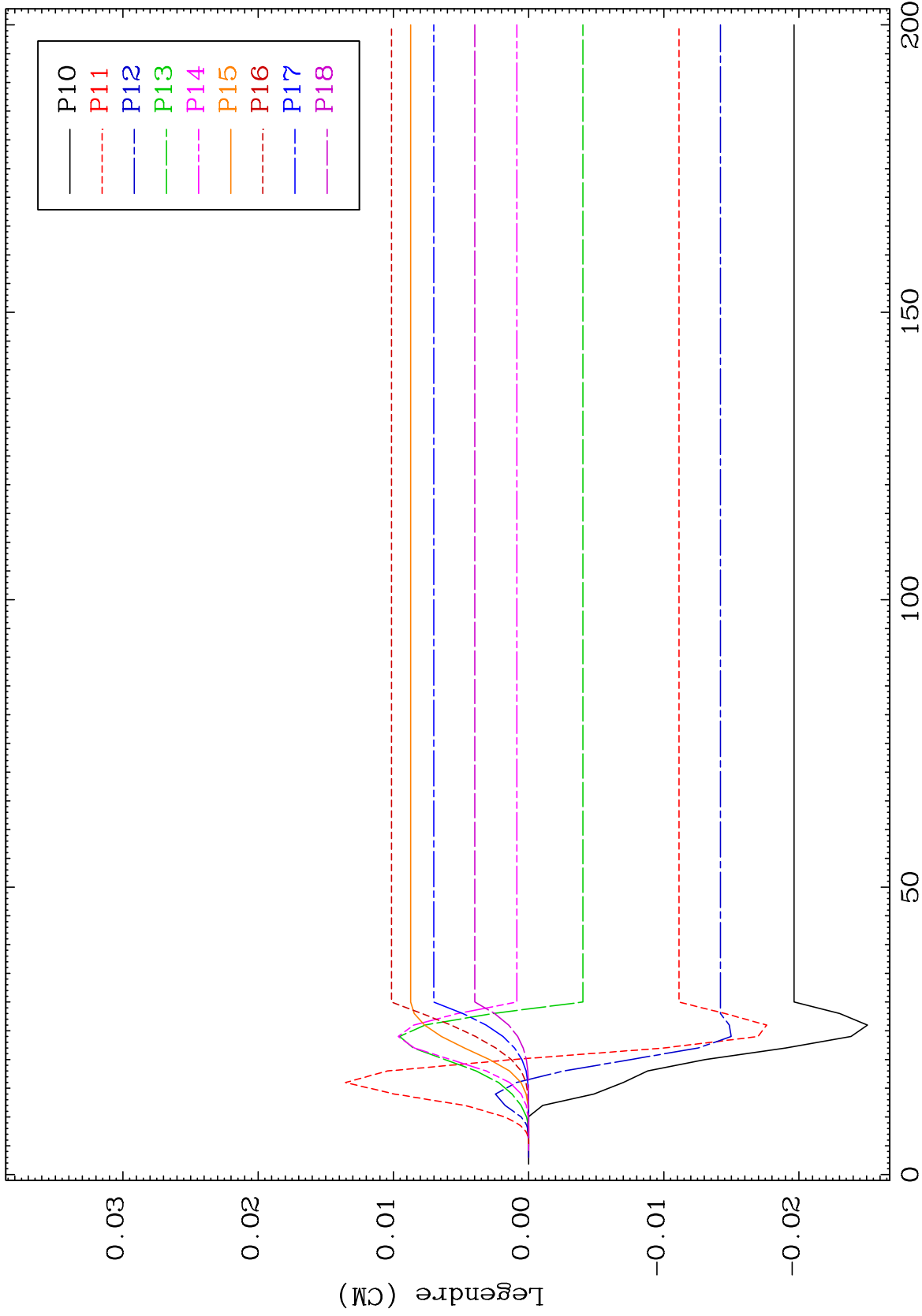
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79

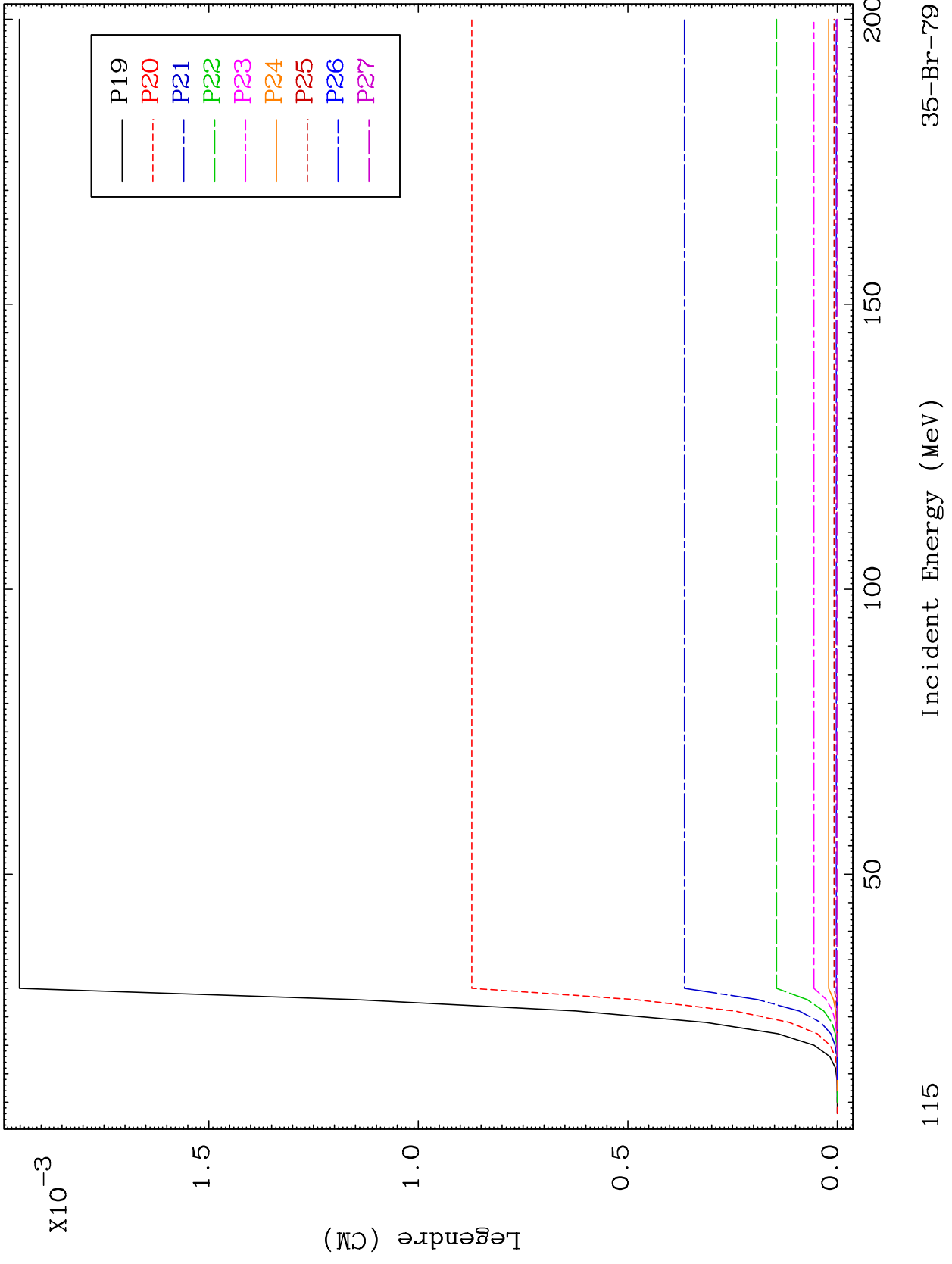


114

Incident Energy (MeV)

35-Br-79

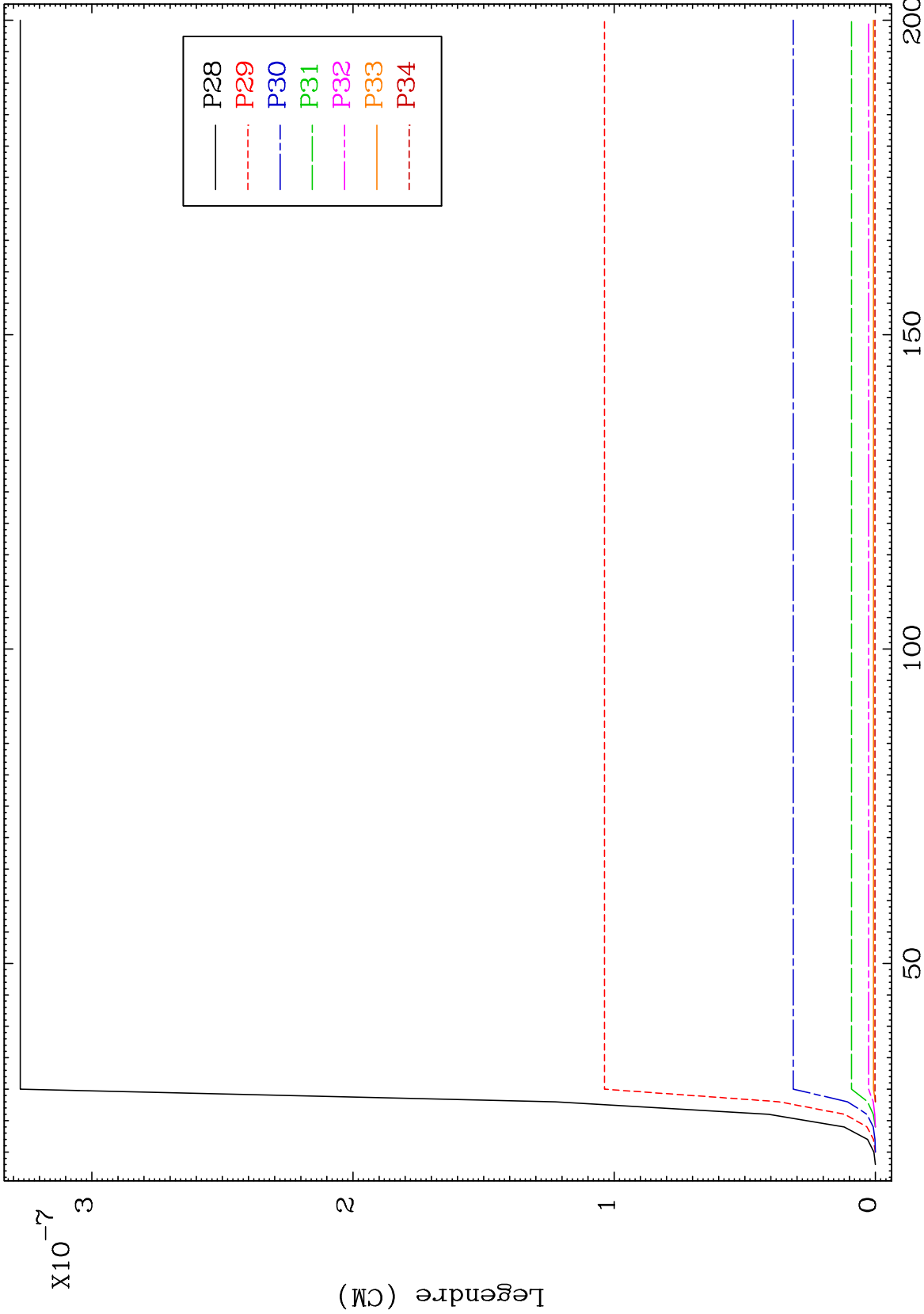
MAT 3525 MT= 79 (n,n') Level Legendre Coefficients 35-Br-79



MAT 3525

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

35-Br-79

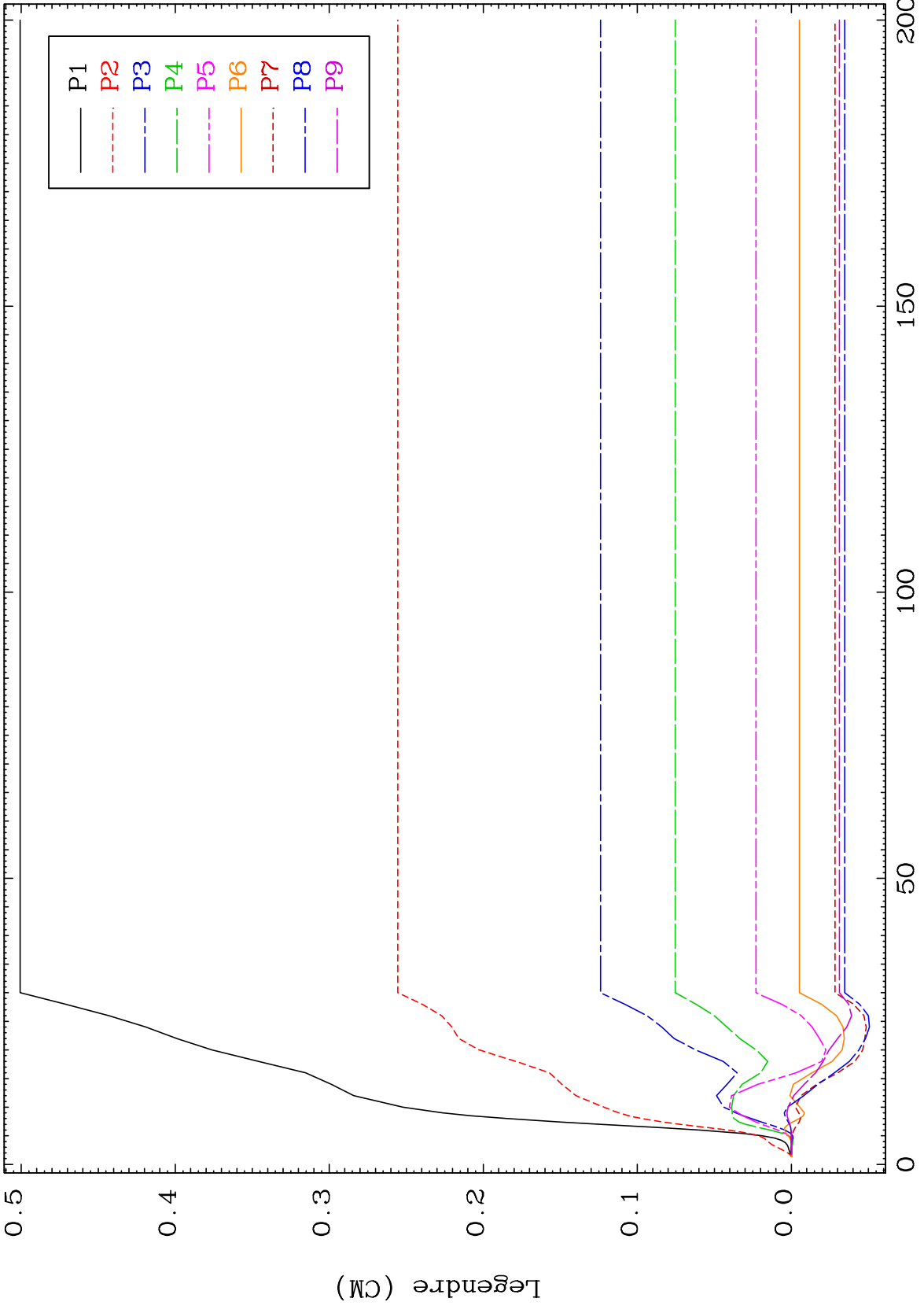


116

Incident Energy (MeV)

35-Br-79

MAT 3525 MT= 80 (n,n') Level Legendre Coefficients 35-Br-79

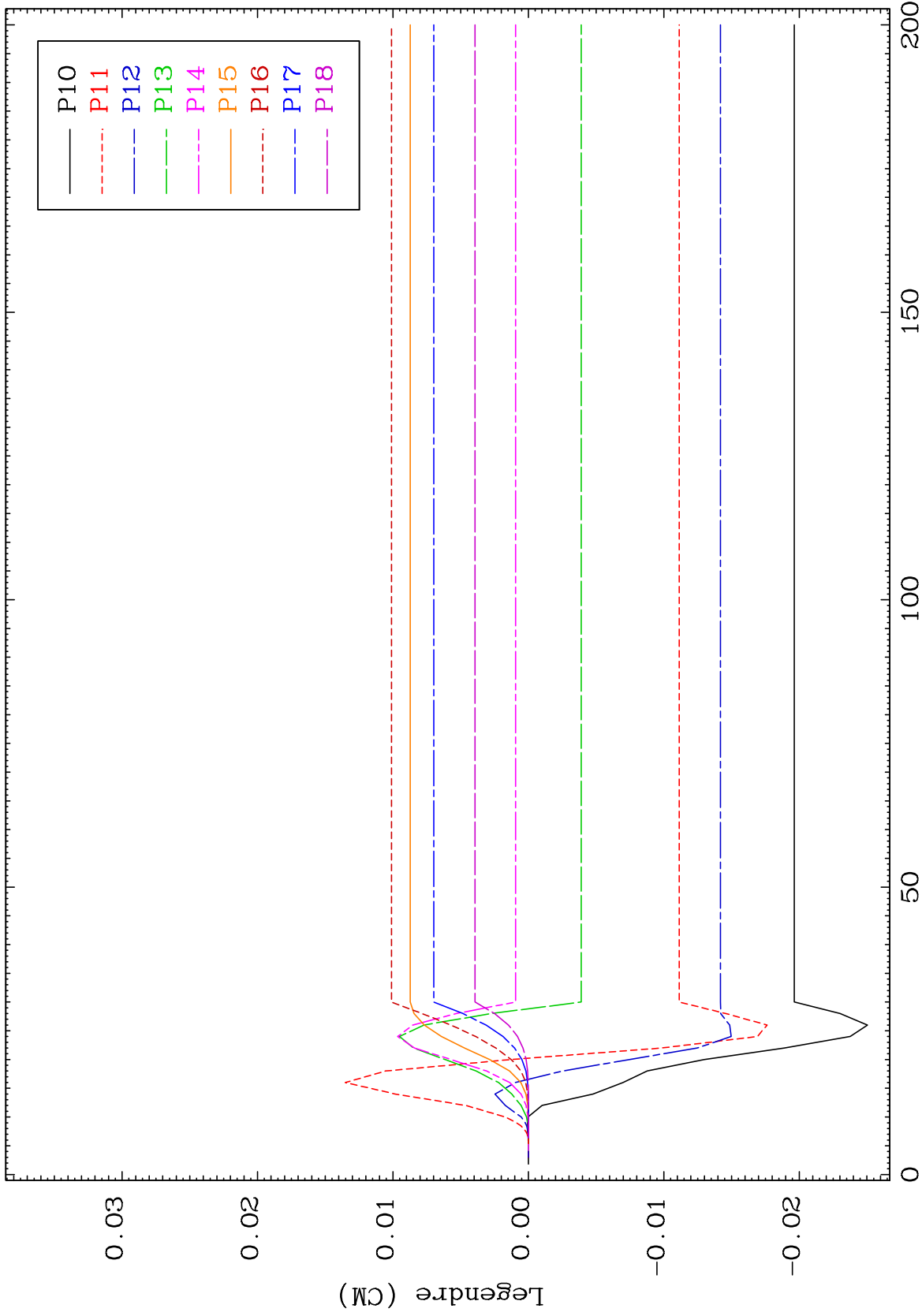


117 35-Br-79

MAT 3525

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

35-Br-79



118

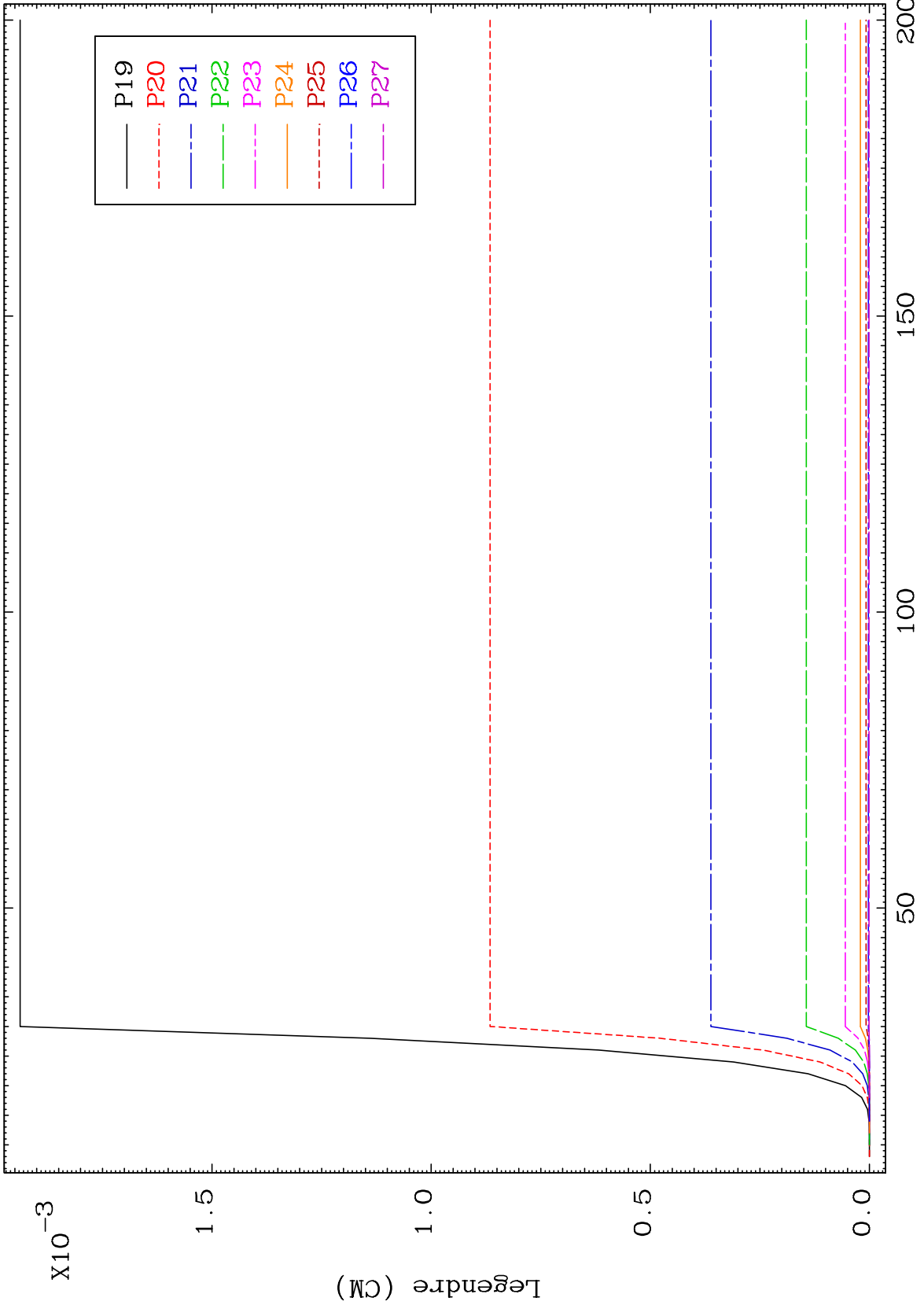
Incident Energy (MeV)

35-Br-79

MAT 3525

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

35-Br-79



119

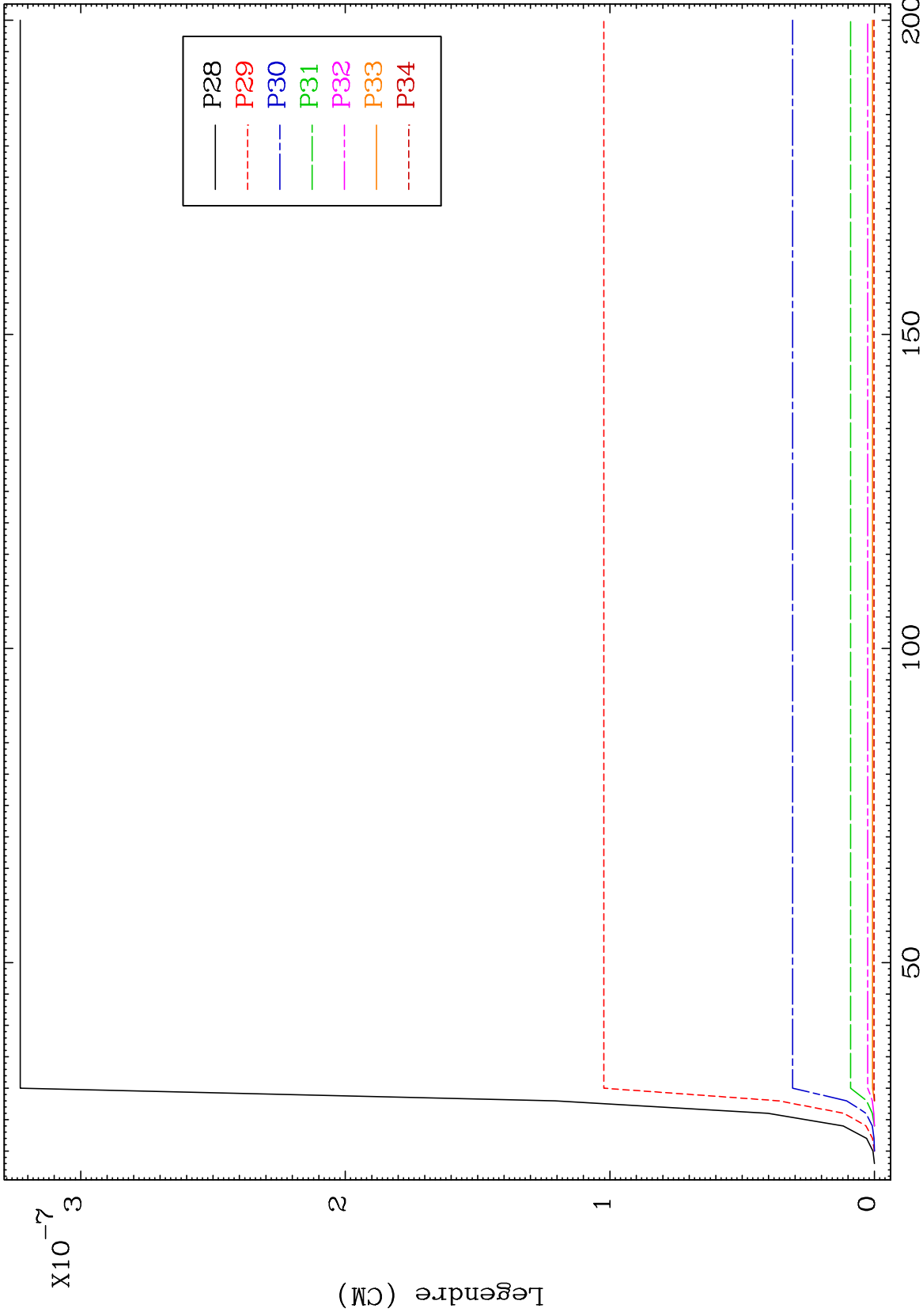
35-Br-79



MAT 3525

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

35-Br-79



35-Br-79

Incident Energy (MeV)

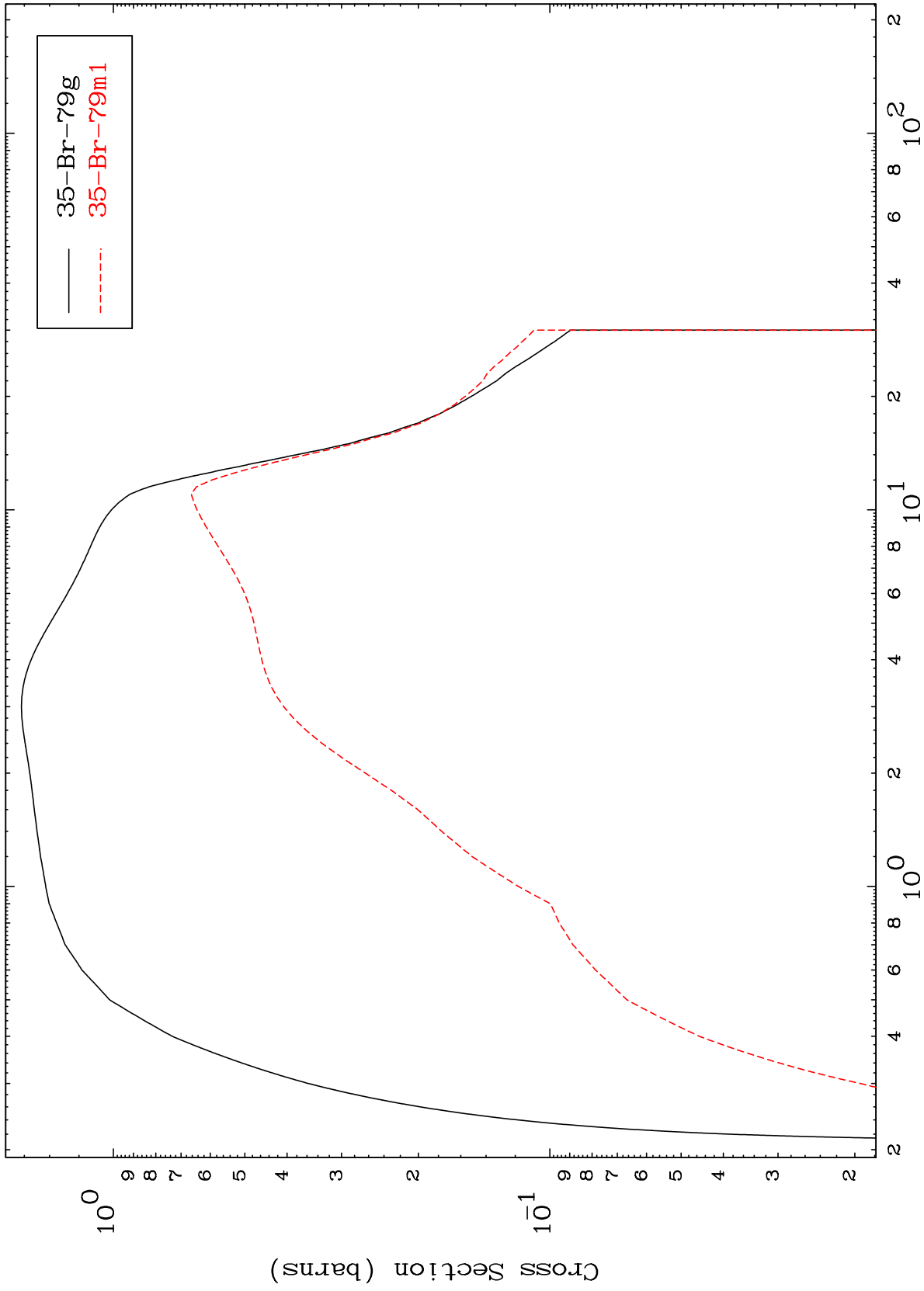
Legendre (CM)

$\times 10^{-7}$

MAT 3525

<sup>35</sup>Br-79

Inelastic  
Radionuclide Production Cross Section



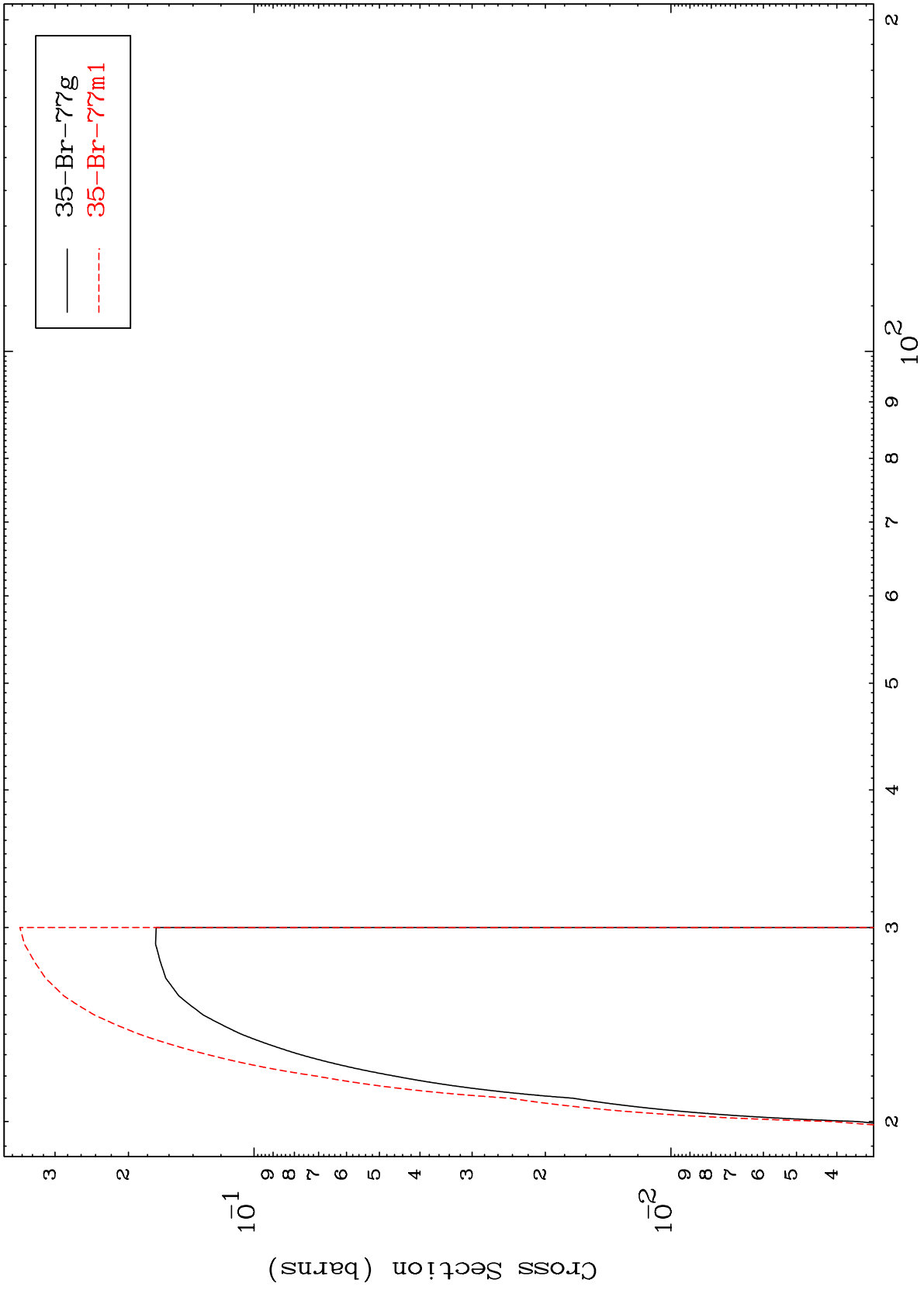
121

<sup>35</sup>Br-79

MAT 3525

<sup>35</sup>Br-79

(n,3n)  
Radionuclide Production Cross Section



122

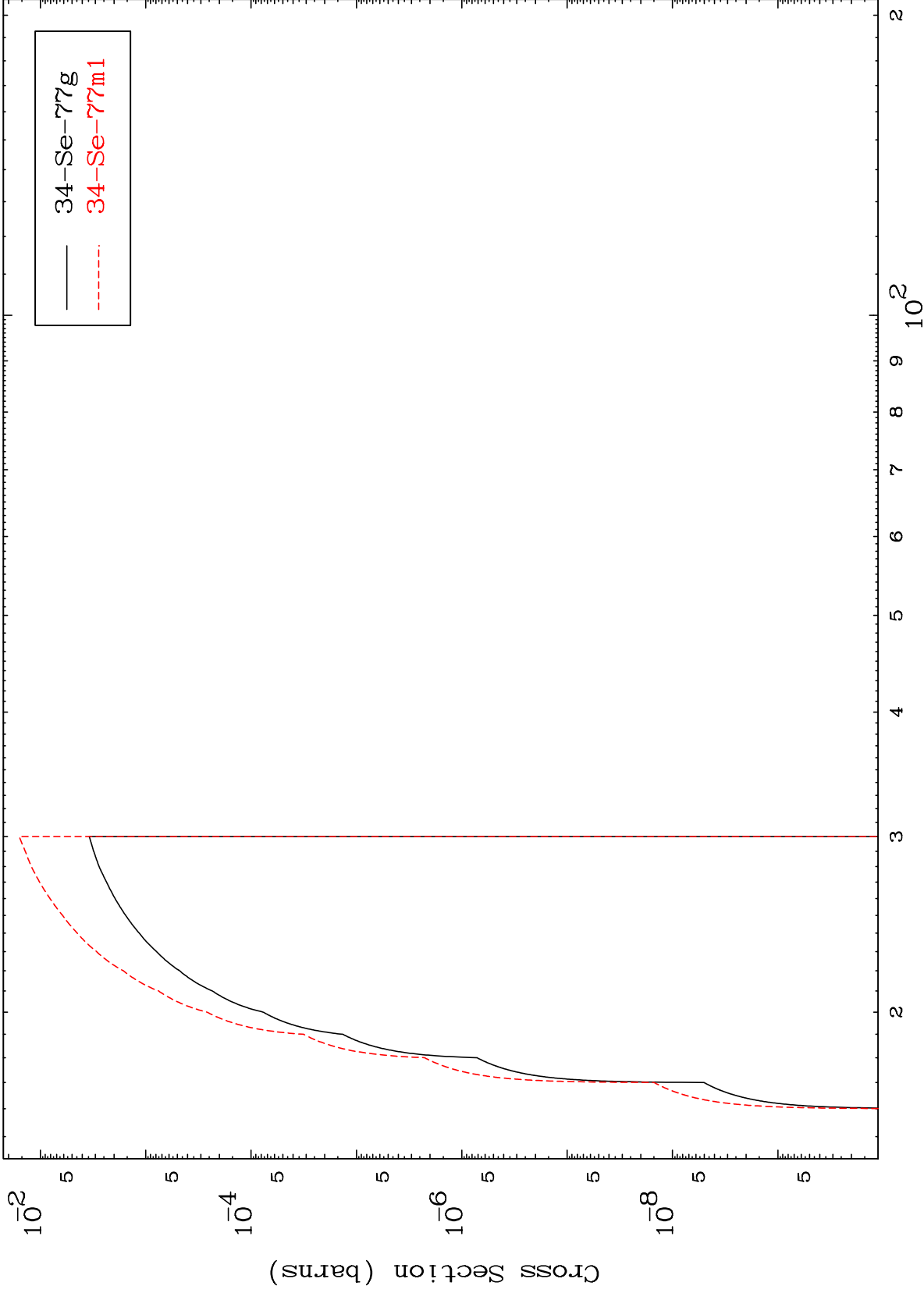
<sup>35</sup>Br-79

MAT 3525

(n,n') d

35-Br-79

Radionuclide Production Cross Section

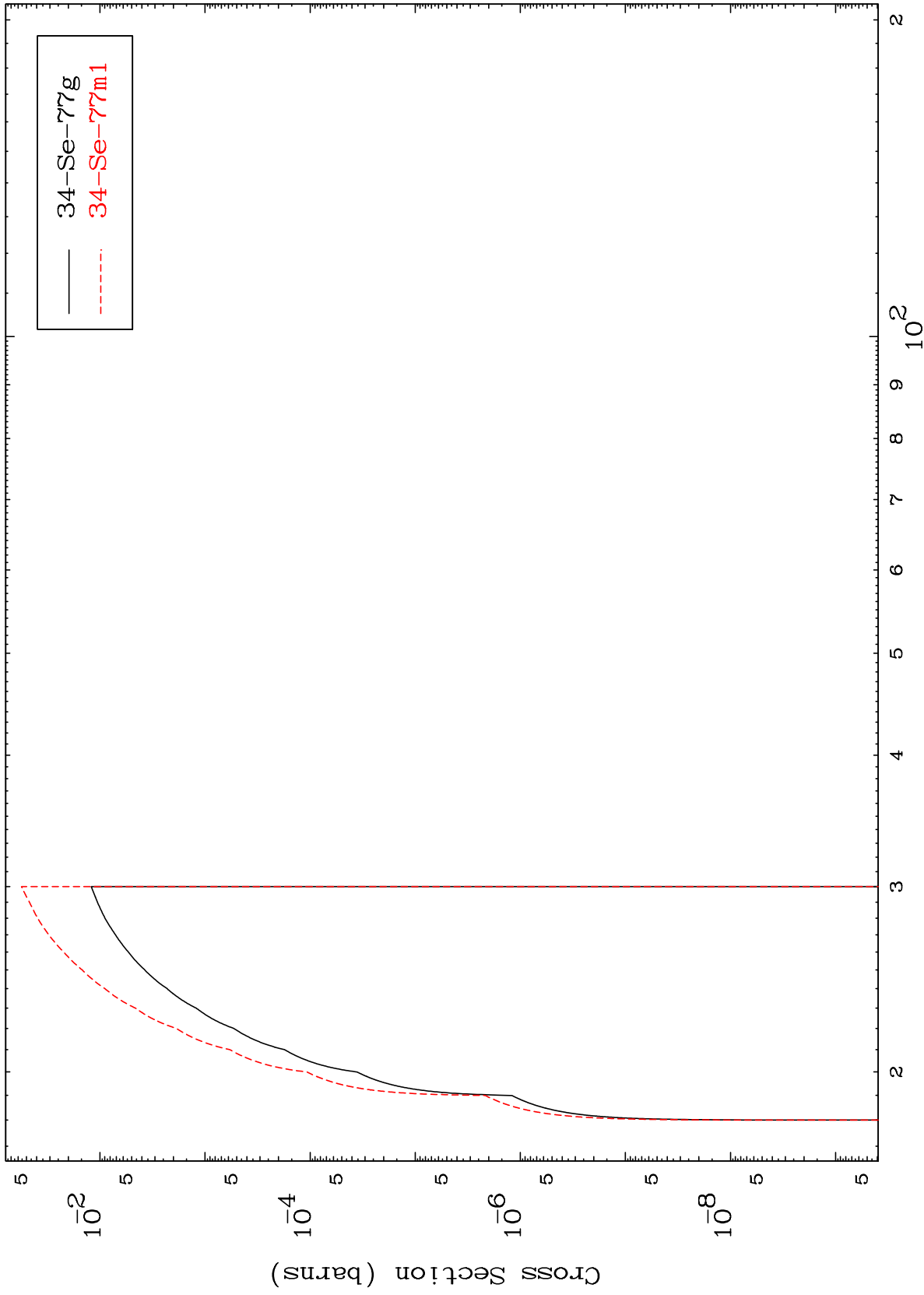


123

Incident Energy (MeV)

35-Br-79

Radionuclide Production Cross Section

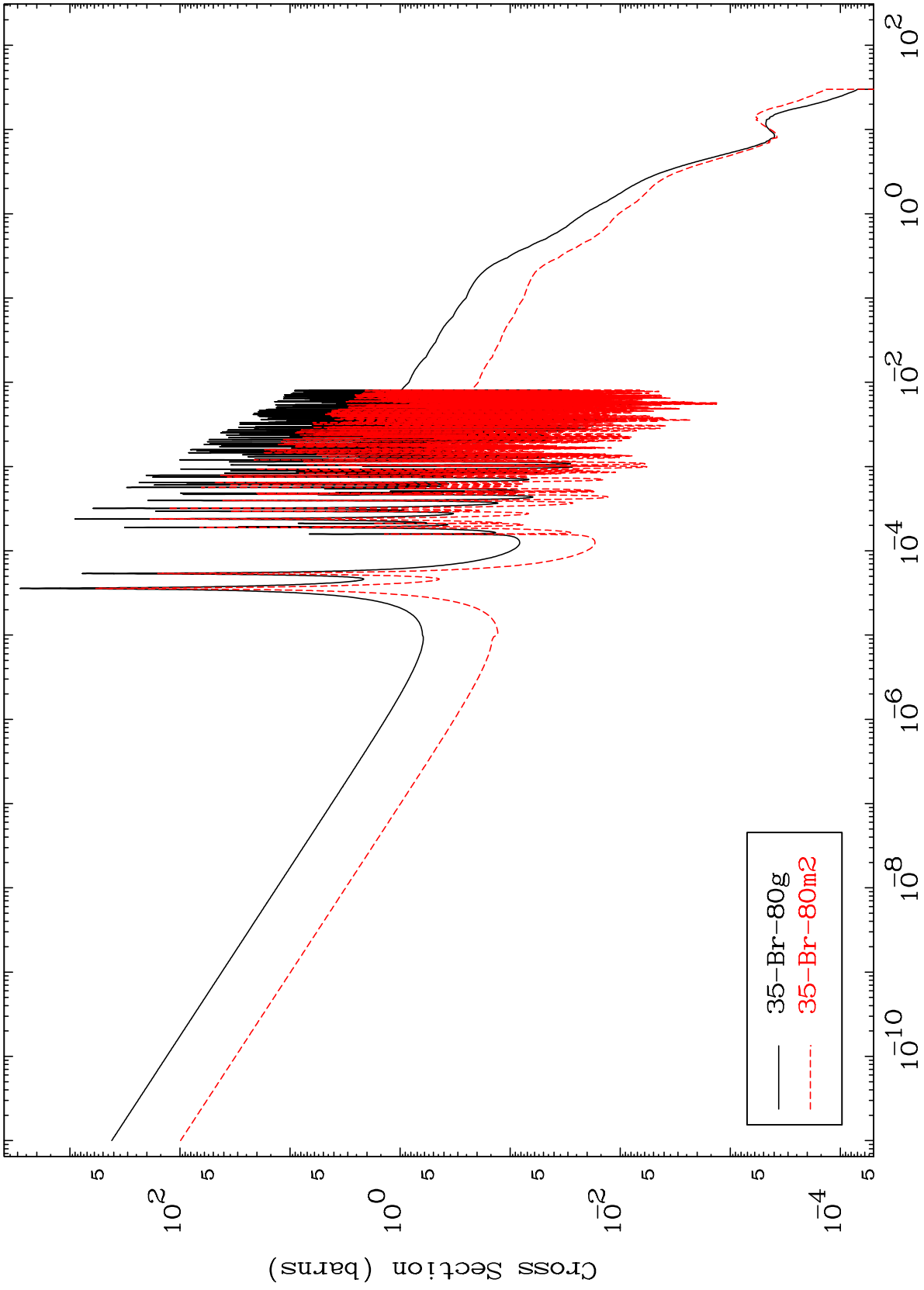


MAT 3525

<sup>35</sup>Br-79

Radionuclide Production Cross Section

(n,γ)



125

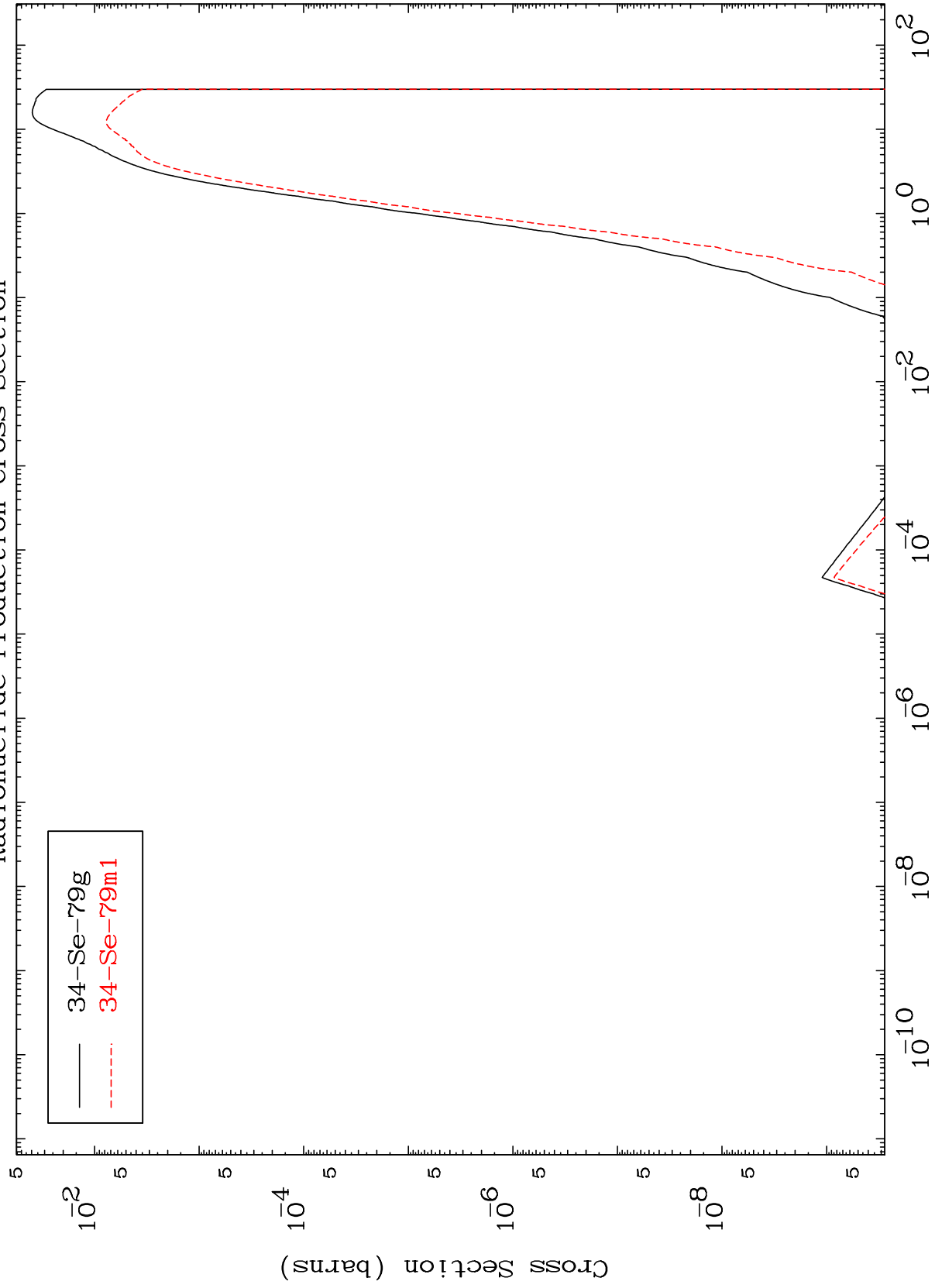
Incident Energy (MeV)

<sup>35</sup>Br-79

MAT 3525

(n,p)  
Radionuclide Production Cross Section

<sup>35</sup>Br-79



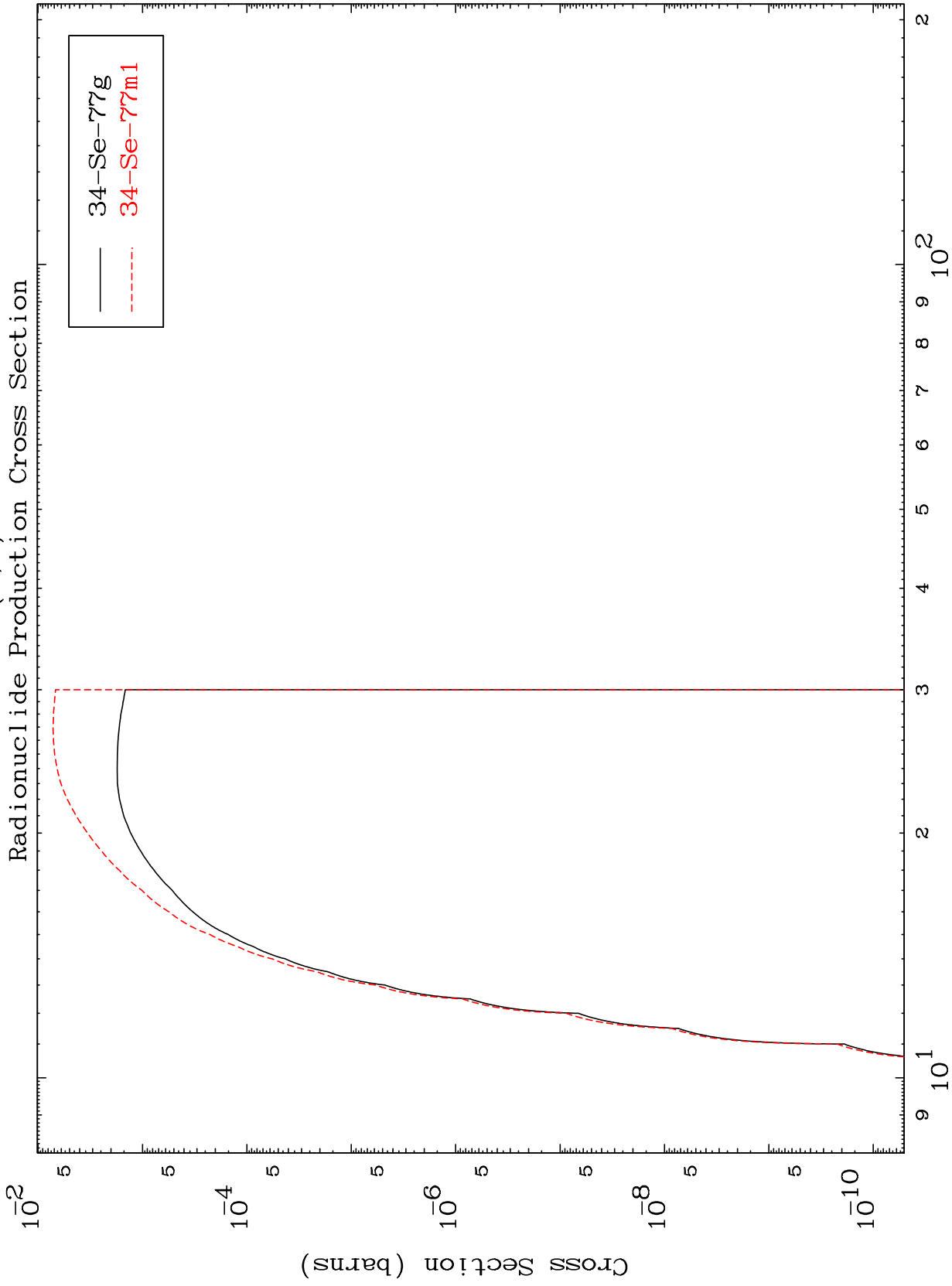
126

Incident Energy (MeV)

<sup>35</sup>Br-79

MAT 3525

35-Br-79



35-Br-79

127

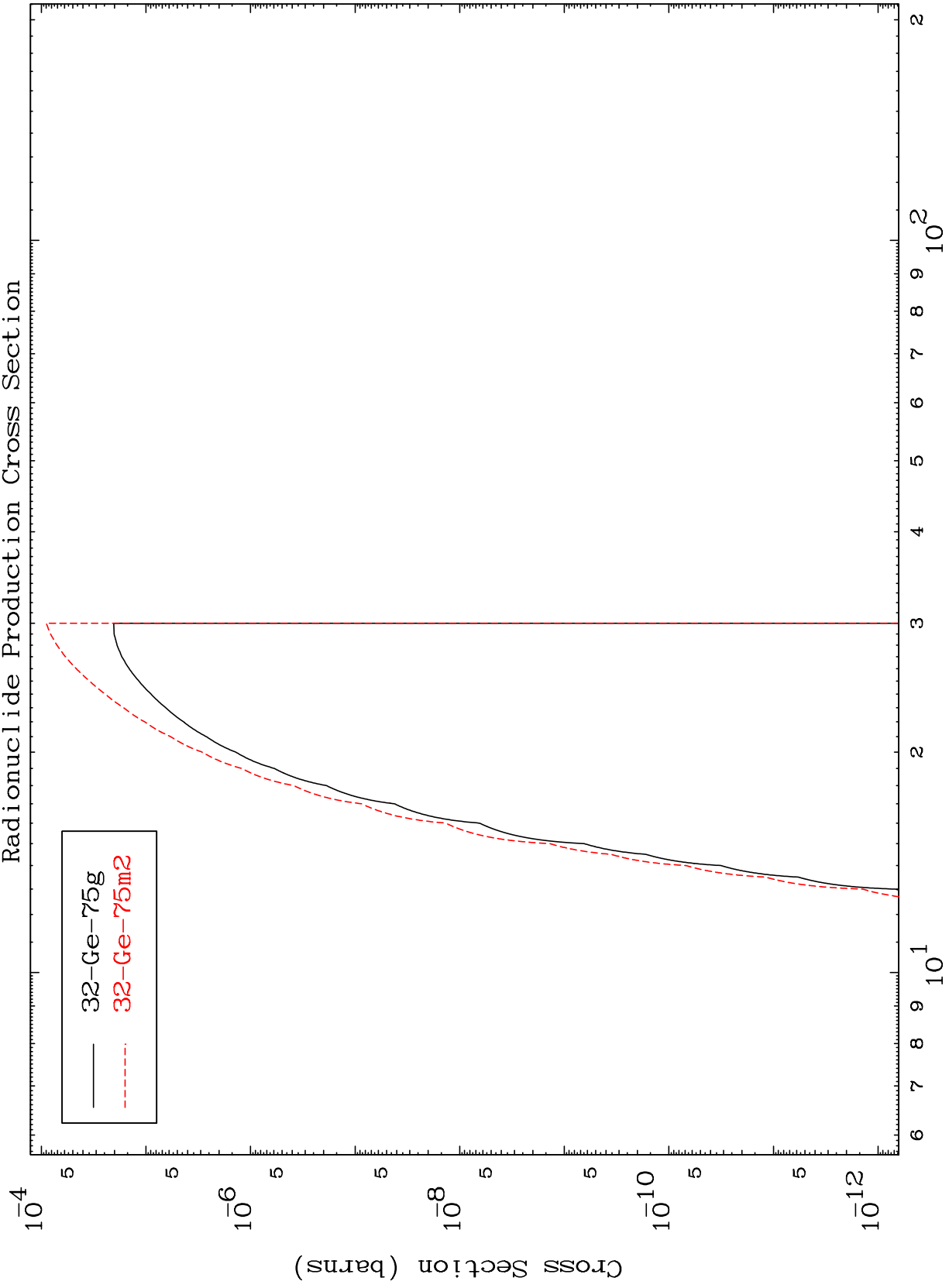


MAT 3525

(n,p)  $\alpha$

<sup>35</sup>Br-79

Radionuclide Production Cross Section



32-Ge-75g  
32-Ge-75m2

128

Incident Energy (MeV)

<sup>35</sup>Br-79