

Program EVALPLOT  
(Version 2018-1)

by

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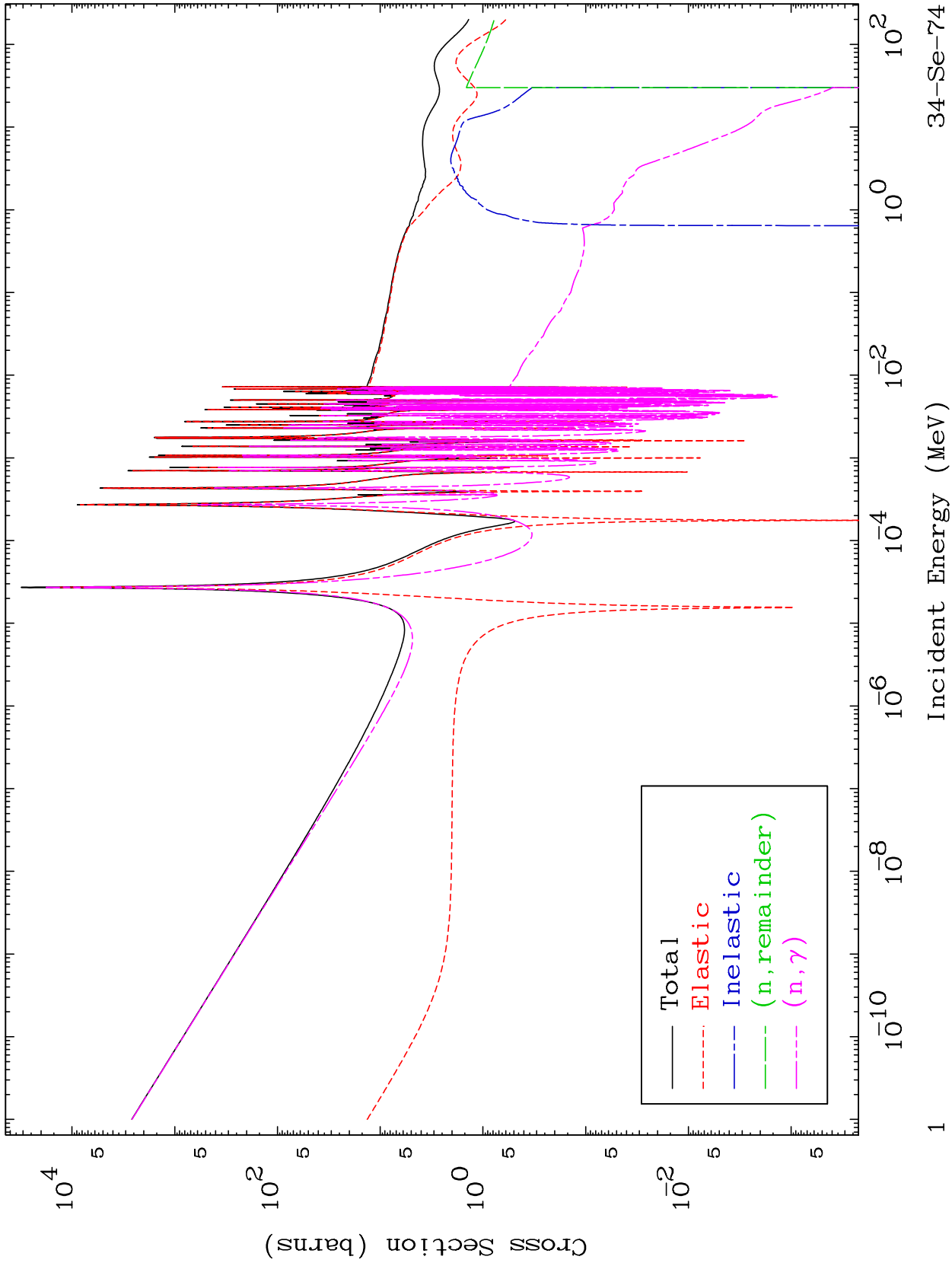
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3425

Major  
293 Kelvin Cross Sections

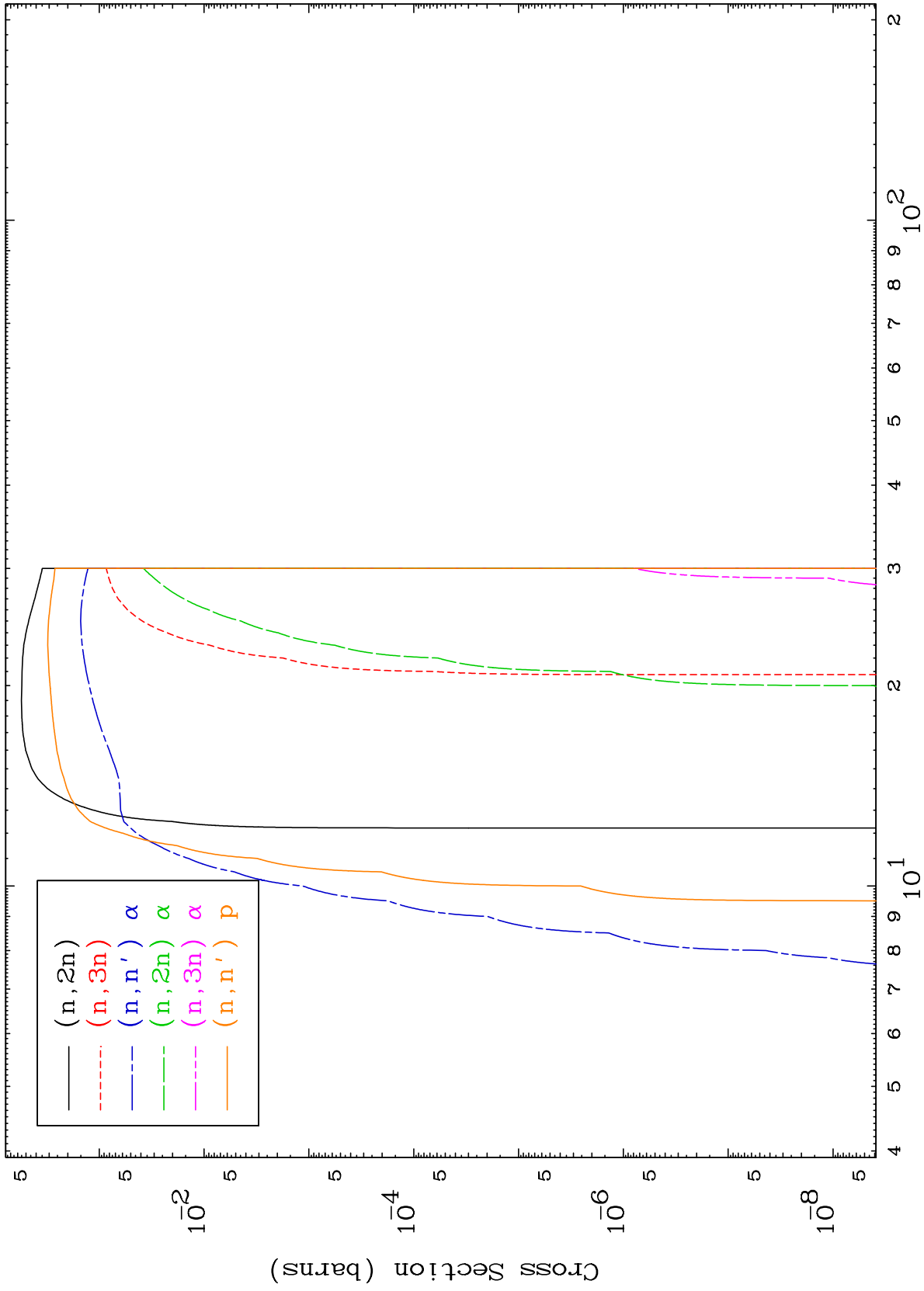
34-Se-74



MAT 3425

Neutron Production  
293 Kelvin Cross Sections

34-Se-74



2

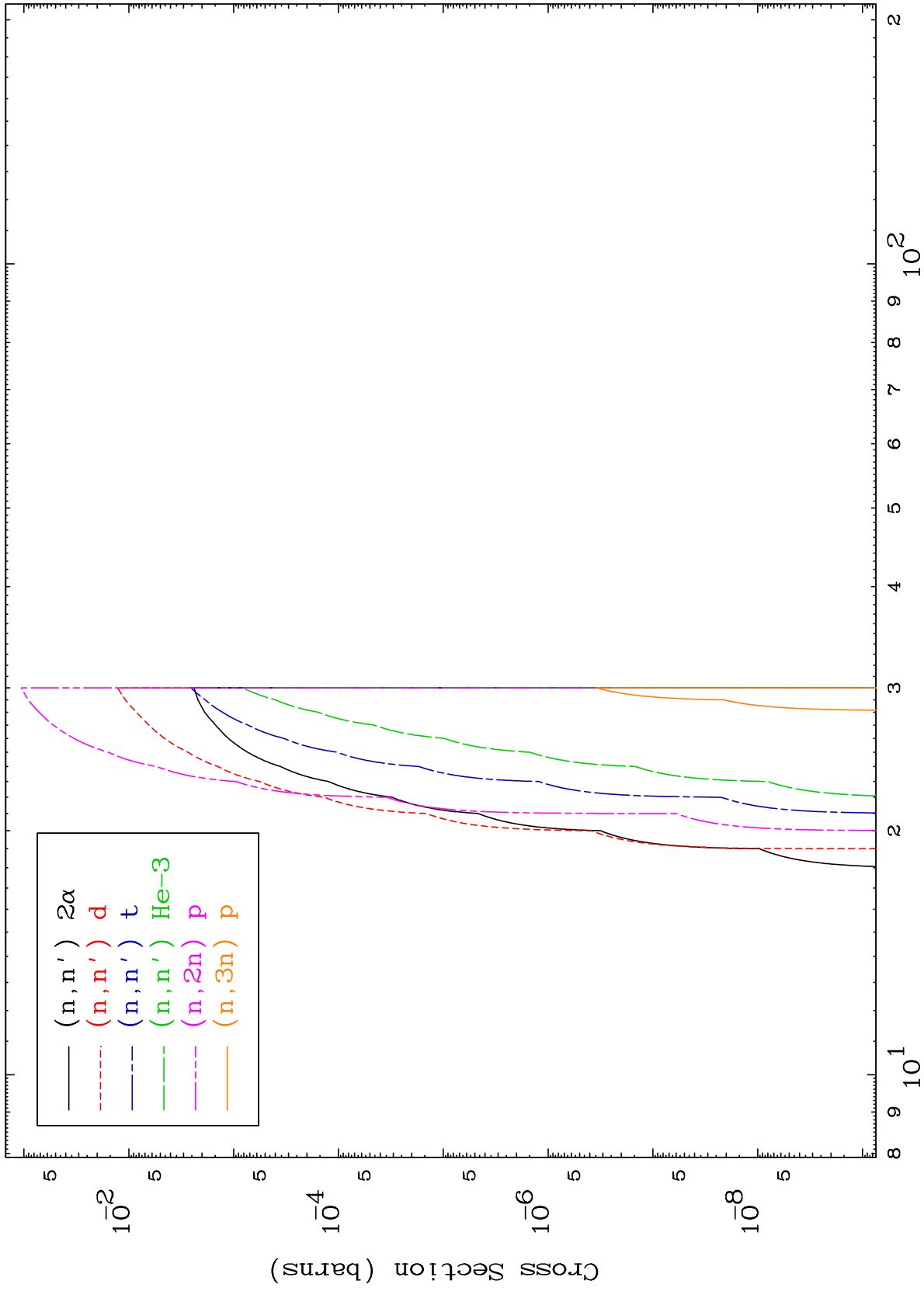
Incident Energy (MeV)

34-Se-74

MAT 3425

Neutron Production  
293 Kelvin Cross Sections

34-Se-74



3

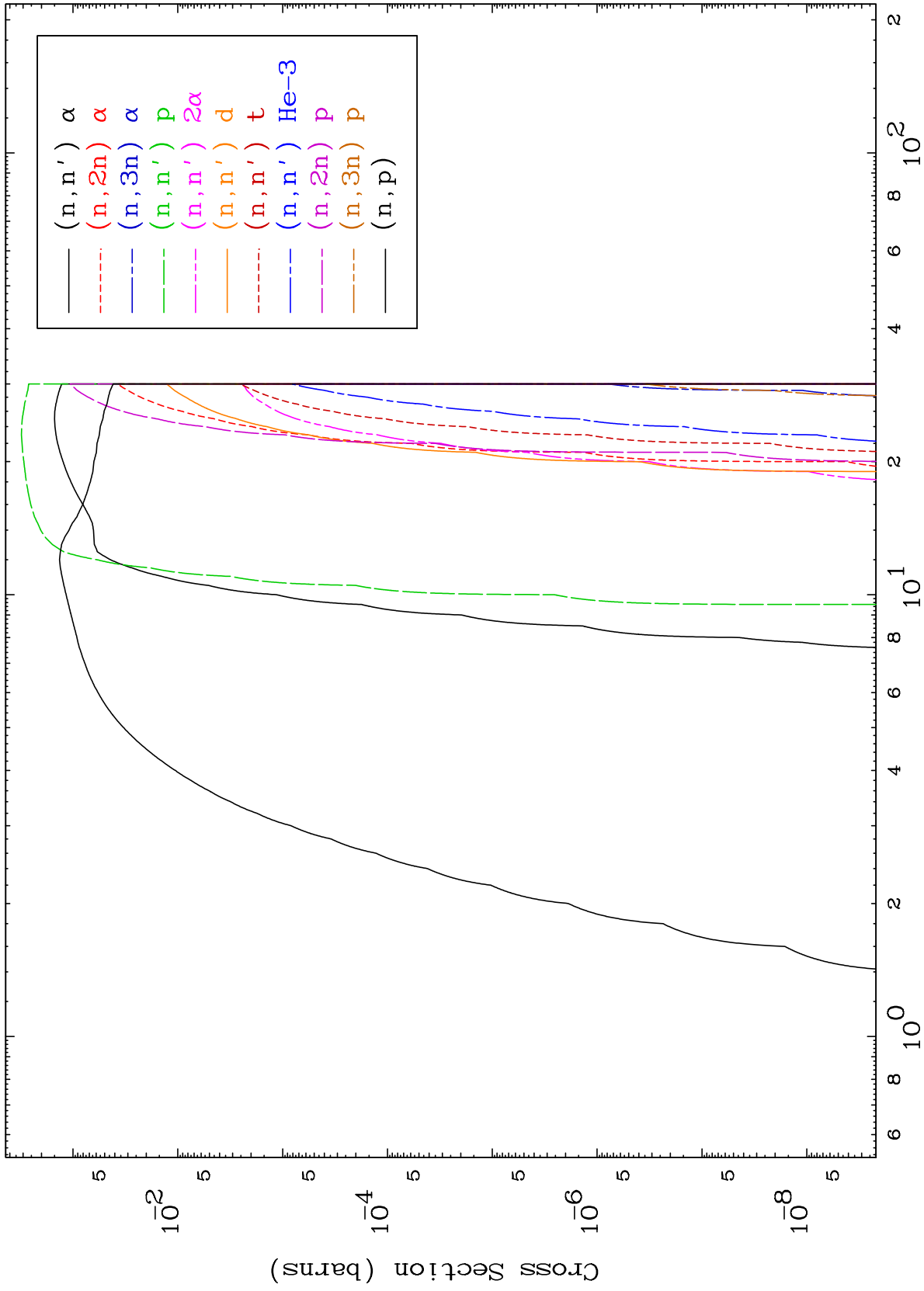
Incident Energy (MeV)

34-Se-74

MAT 3425

293 Kelvin Cross Sections

34-Se-74



4

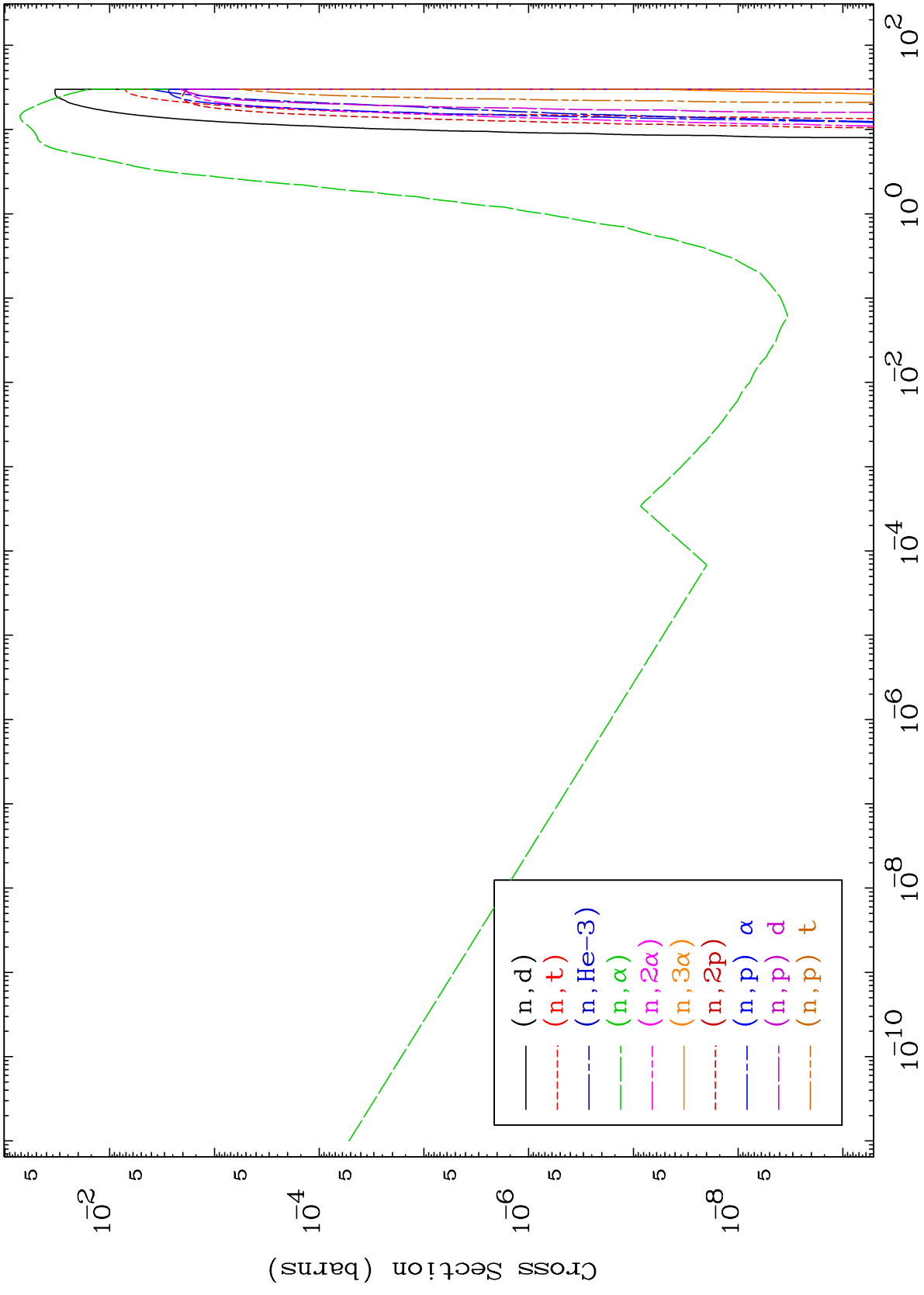
Incident Energy (MeV)

34-Se-74

MAT 3425

293 Kelvin Cross Sections

34-Se-74



5

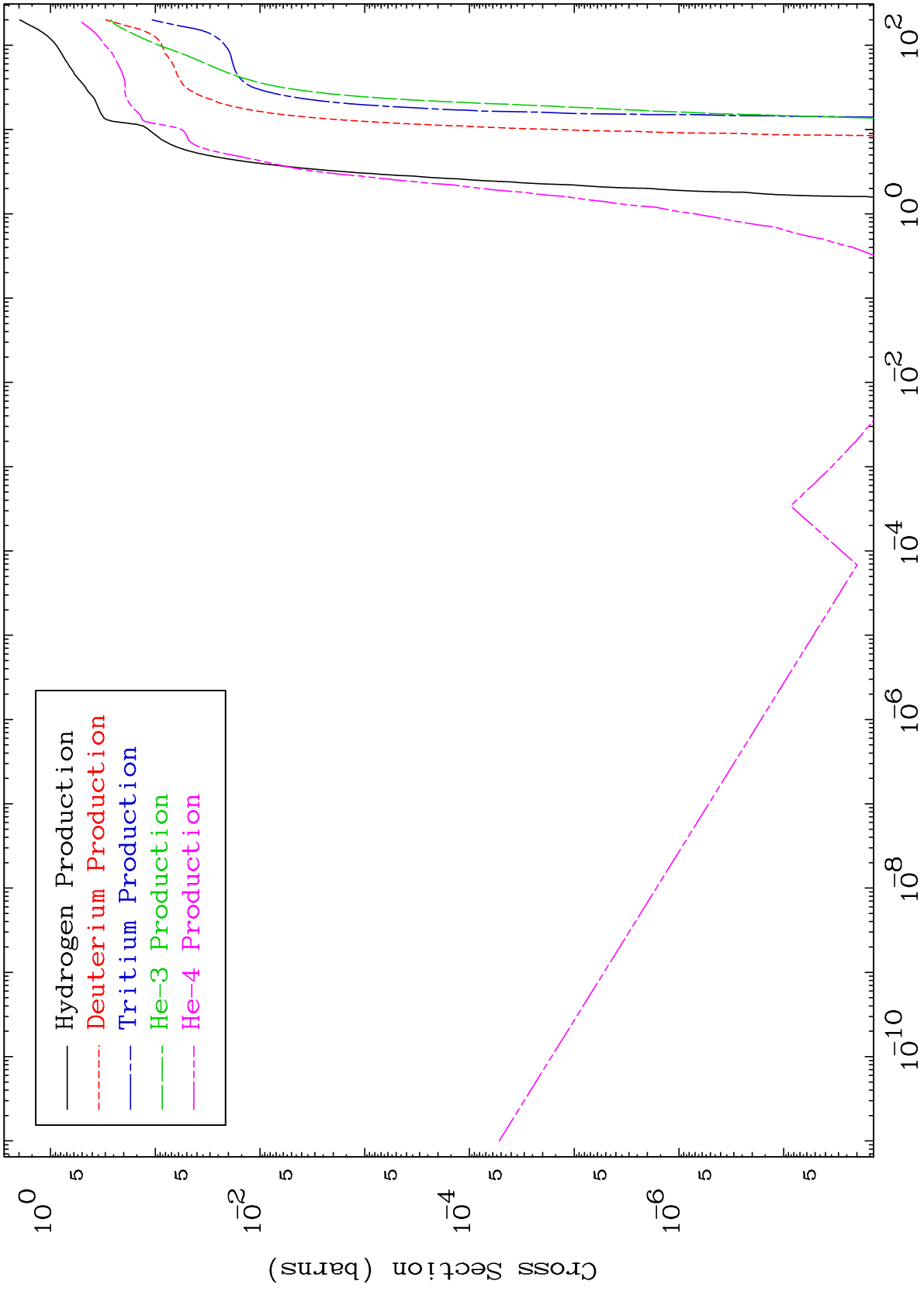
Incident Energy (MeV)

34-Se-74

MAT 3425

Particle Production  
293 Kelvin Cross Sections

34-Se-74



6

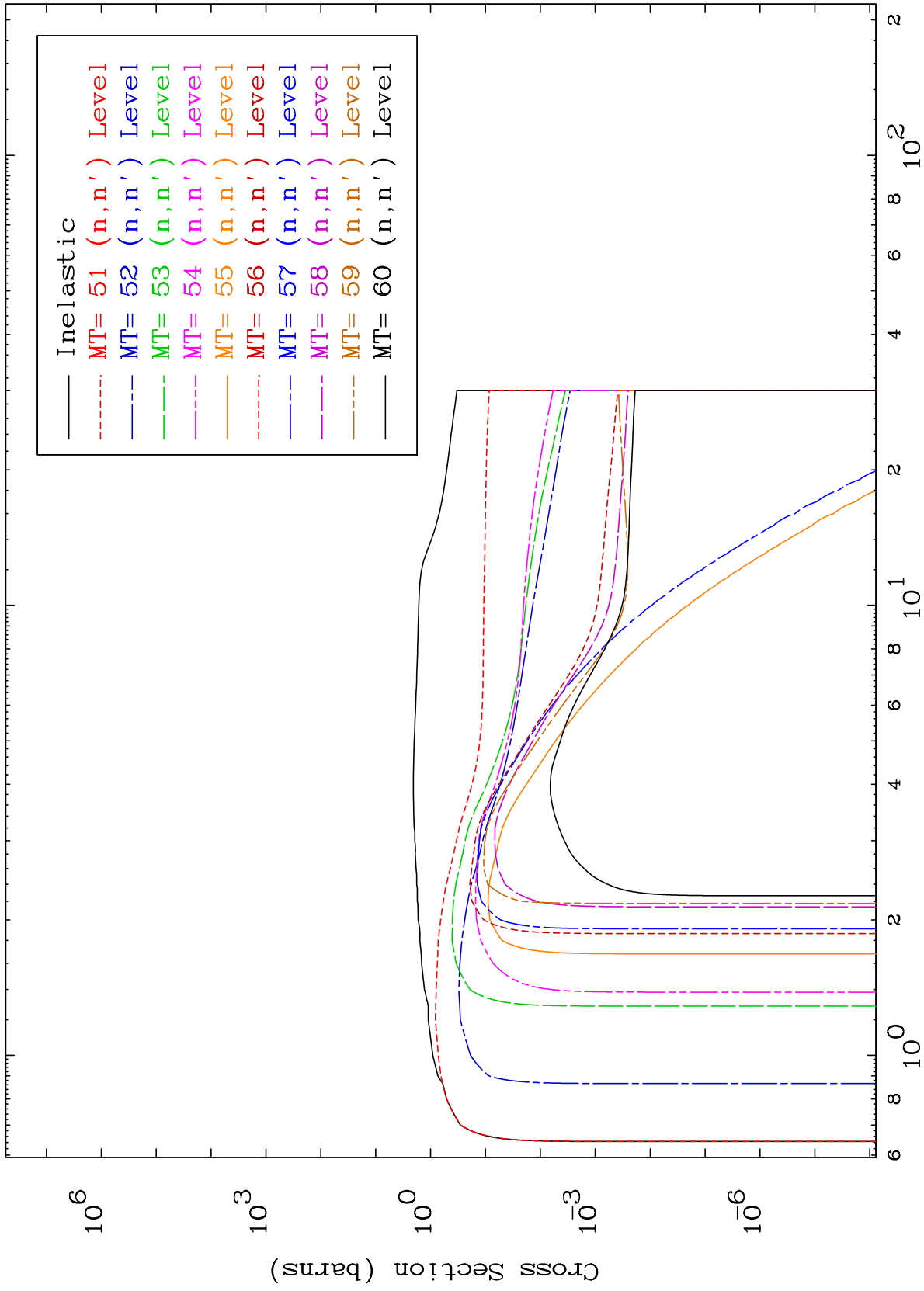
34-Se-74

MAT 3425

(n,n') Level

34-Se-74

293 Kelvin Cross Sections



7

Incident Energy (MeV)

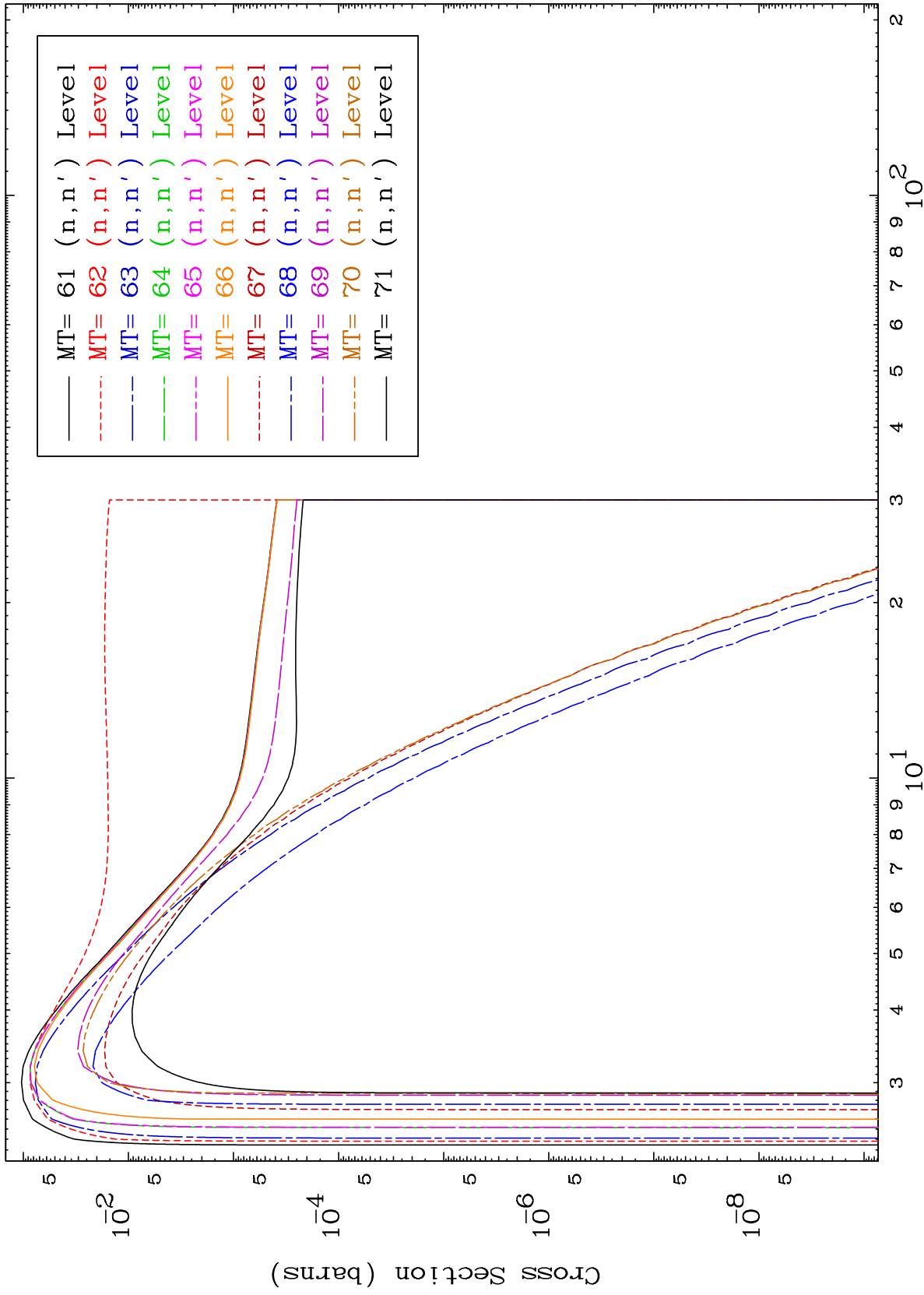
34-Se-74

MAT 3425

(n,n') Level

34-Se-74

293 Kelvin Cross Sections



8

Incident Energy (MeV)

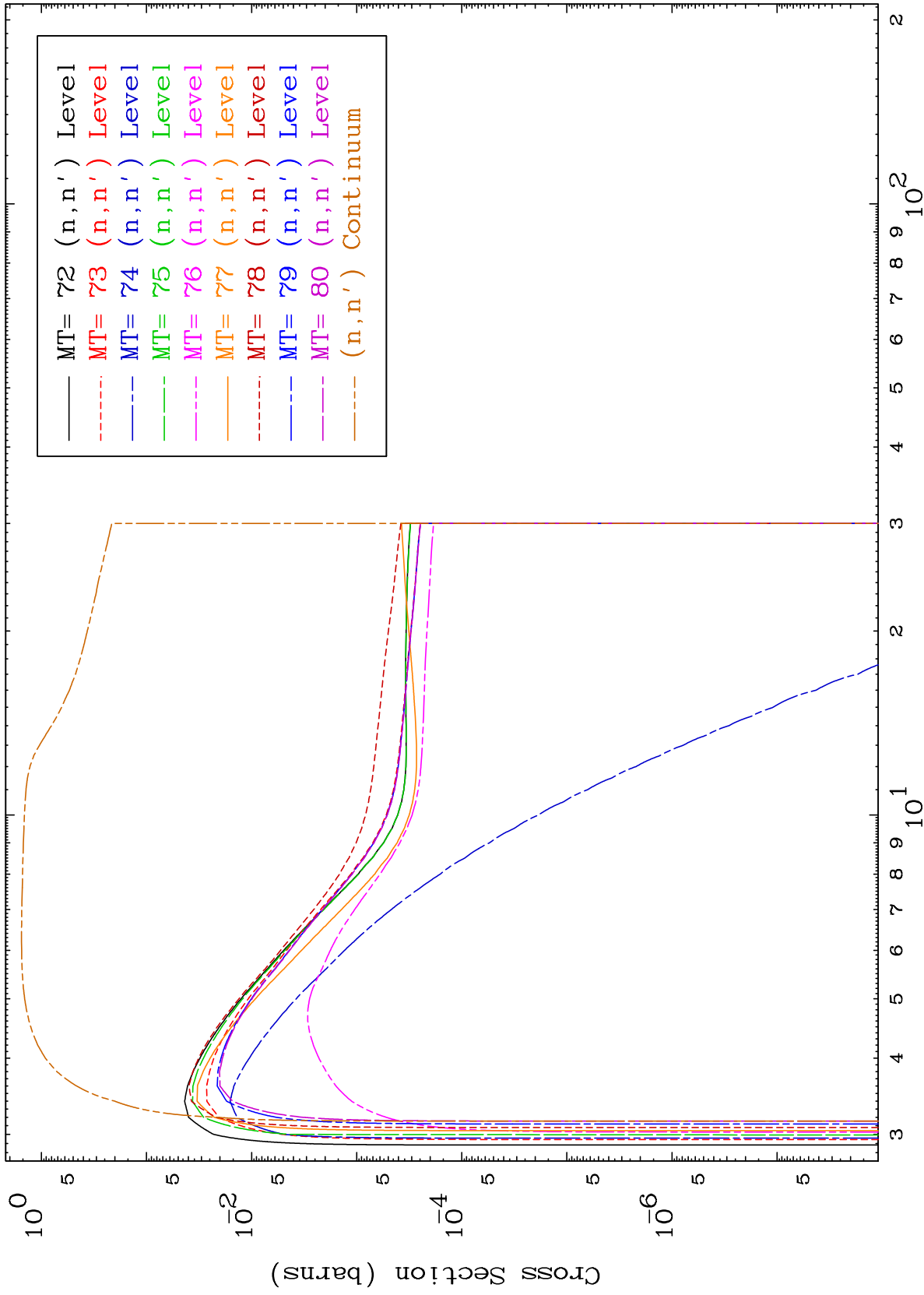
34-Se-74

MAT 3425

(n,n') Level

34-Se-74

293 Kelvin Cross Sections

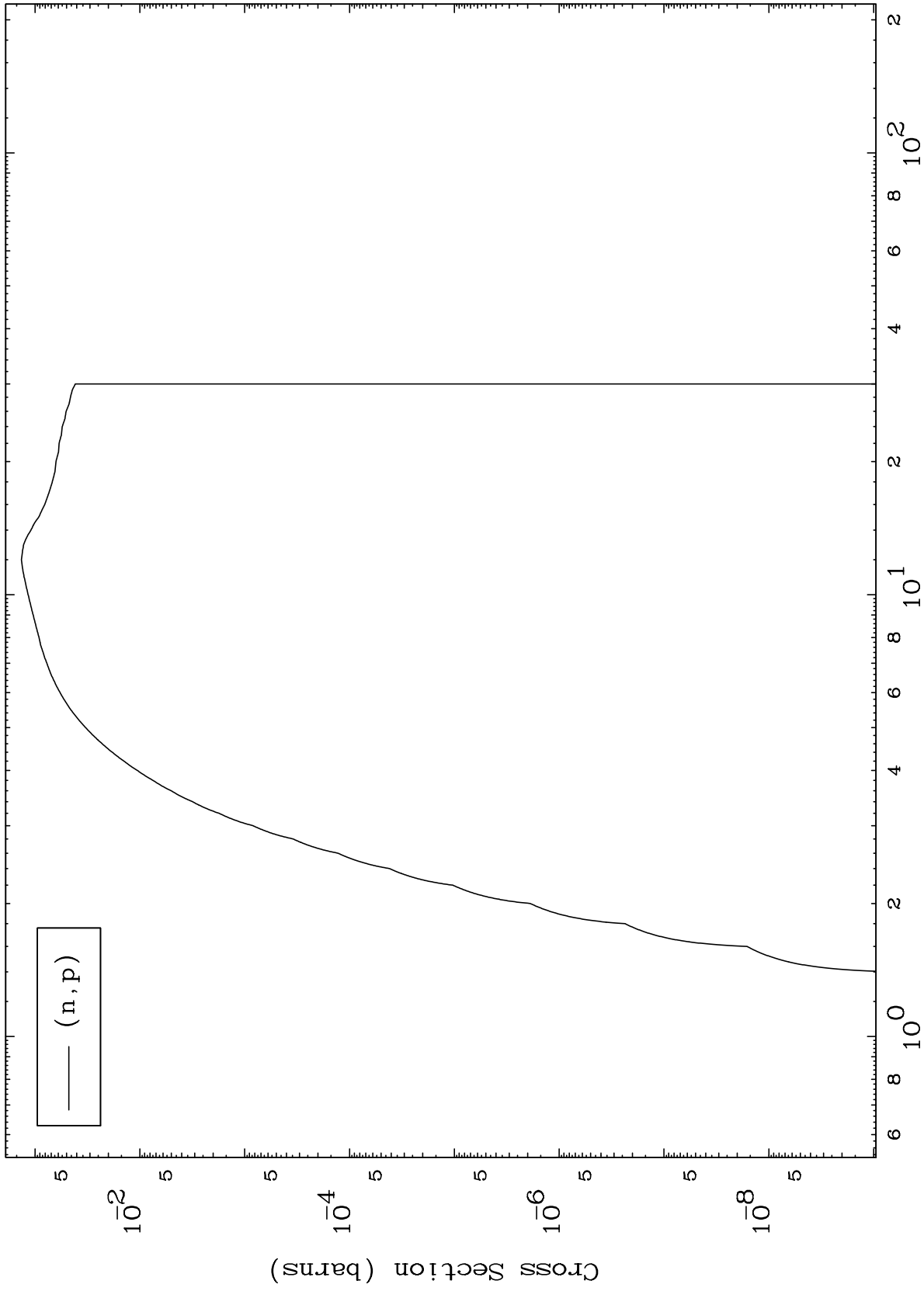


9

MAT 3425

34-Se-74

(n,p) Levels  
293 Kelvin Cross Sections



34-Se-74

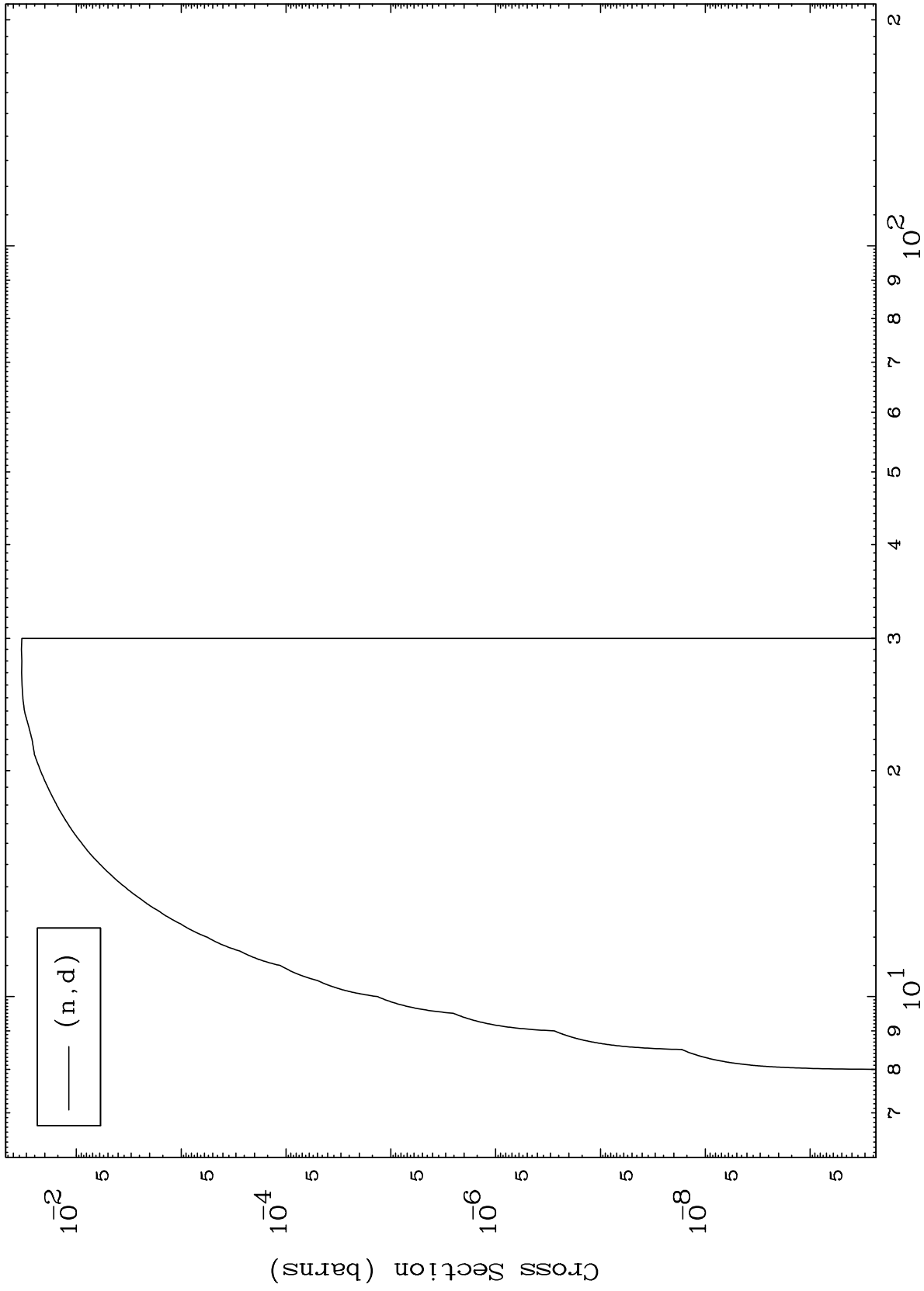
Incident Energy (MeV)

10

MAT 3425

(n,d) Levels  
293 Kelvin Cross Sections

34-Se-74



11

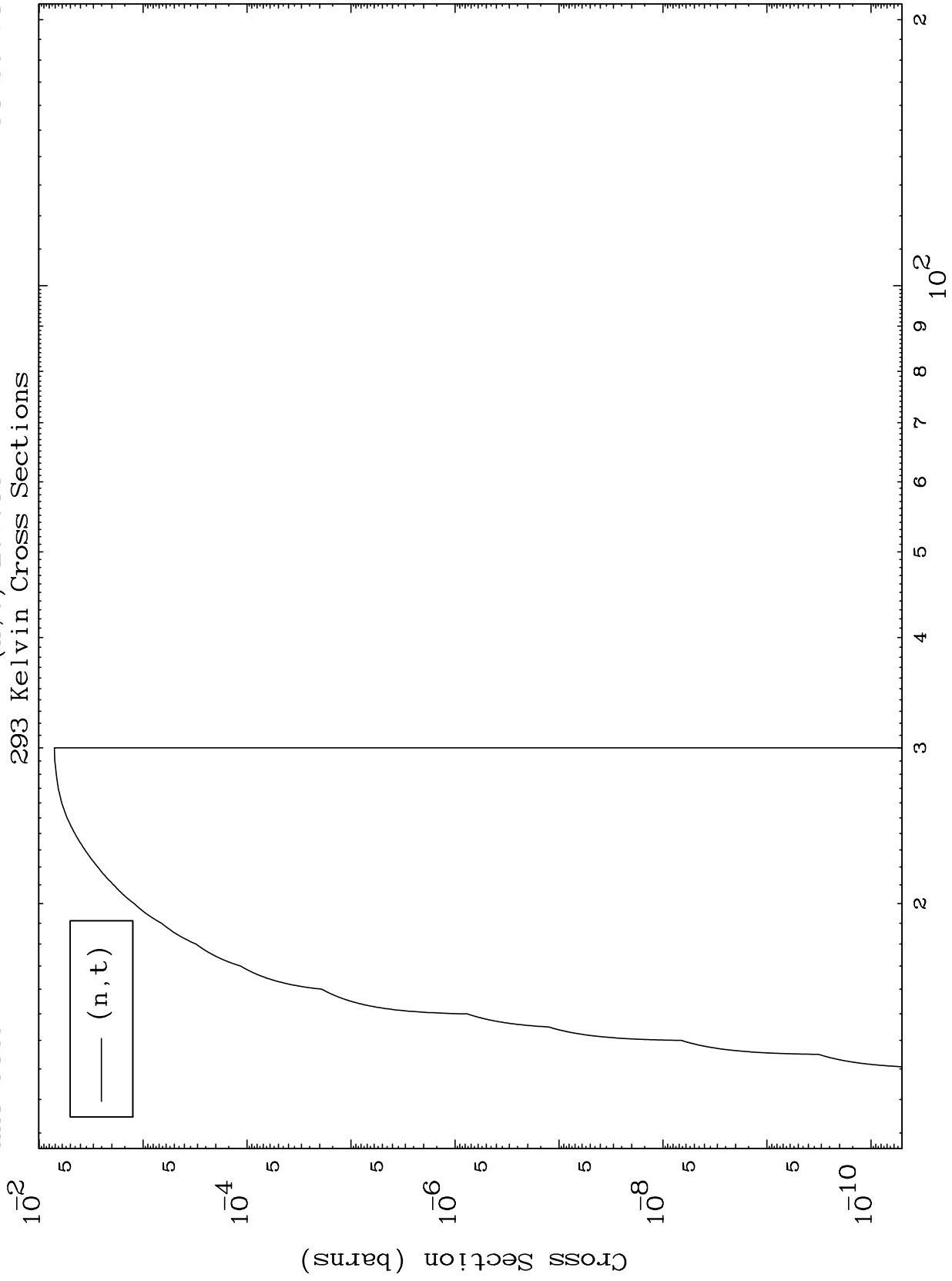
Incident Energy (MeV)

34-Se-74

MAT 3425

(n,t) Levels  
293 Kelvin Cross Sections

34-Se-74



12

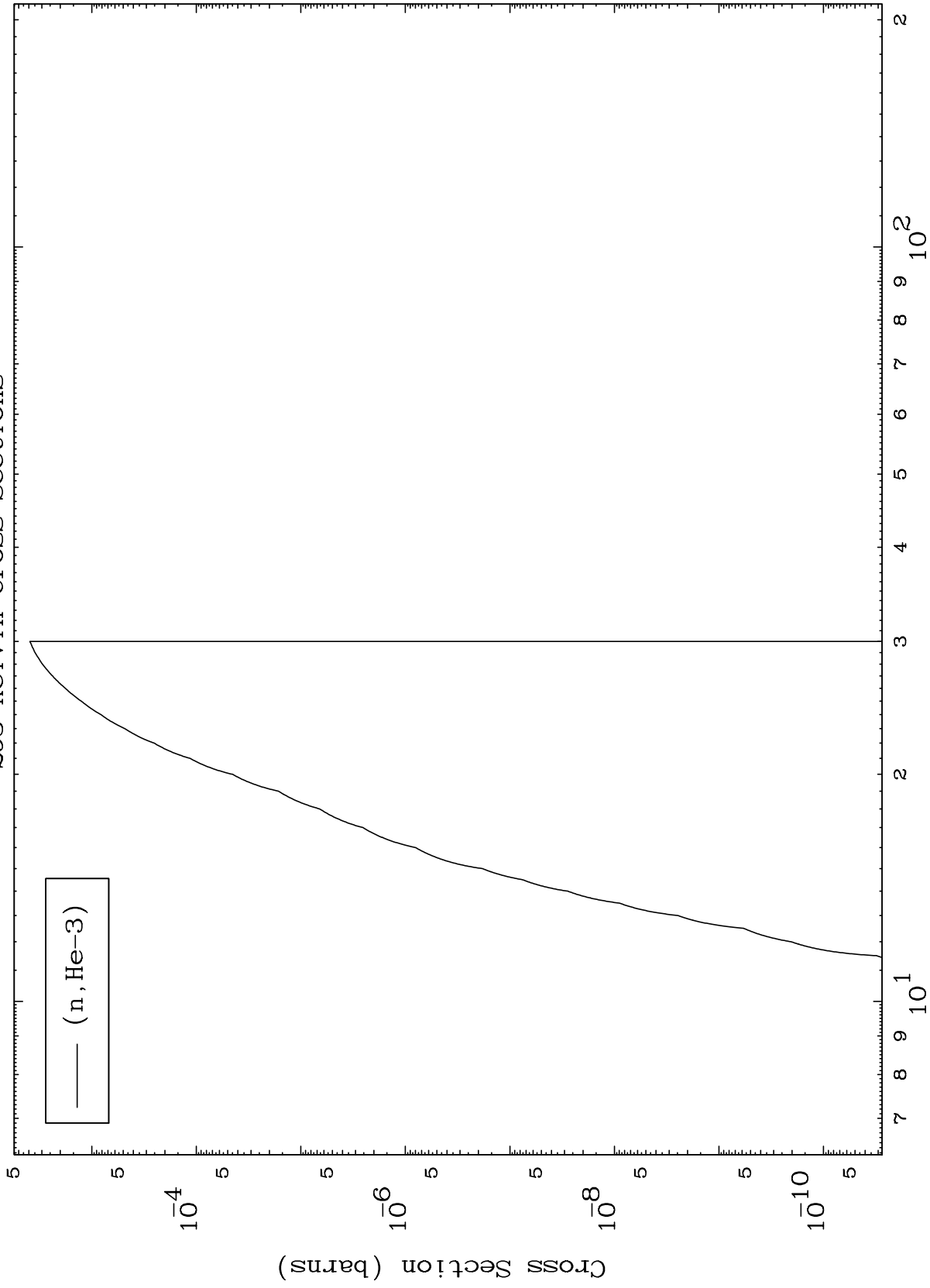
Incident Energy (MeV)

34-Se-74

MAT 3425

(n,He3) Levels  
293 Kelvin Cross Sections

34-Se-74



13

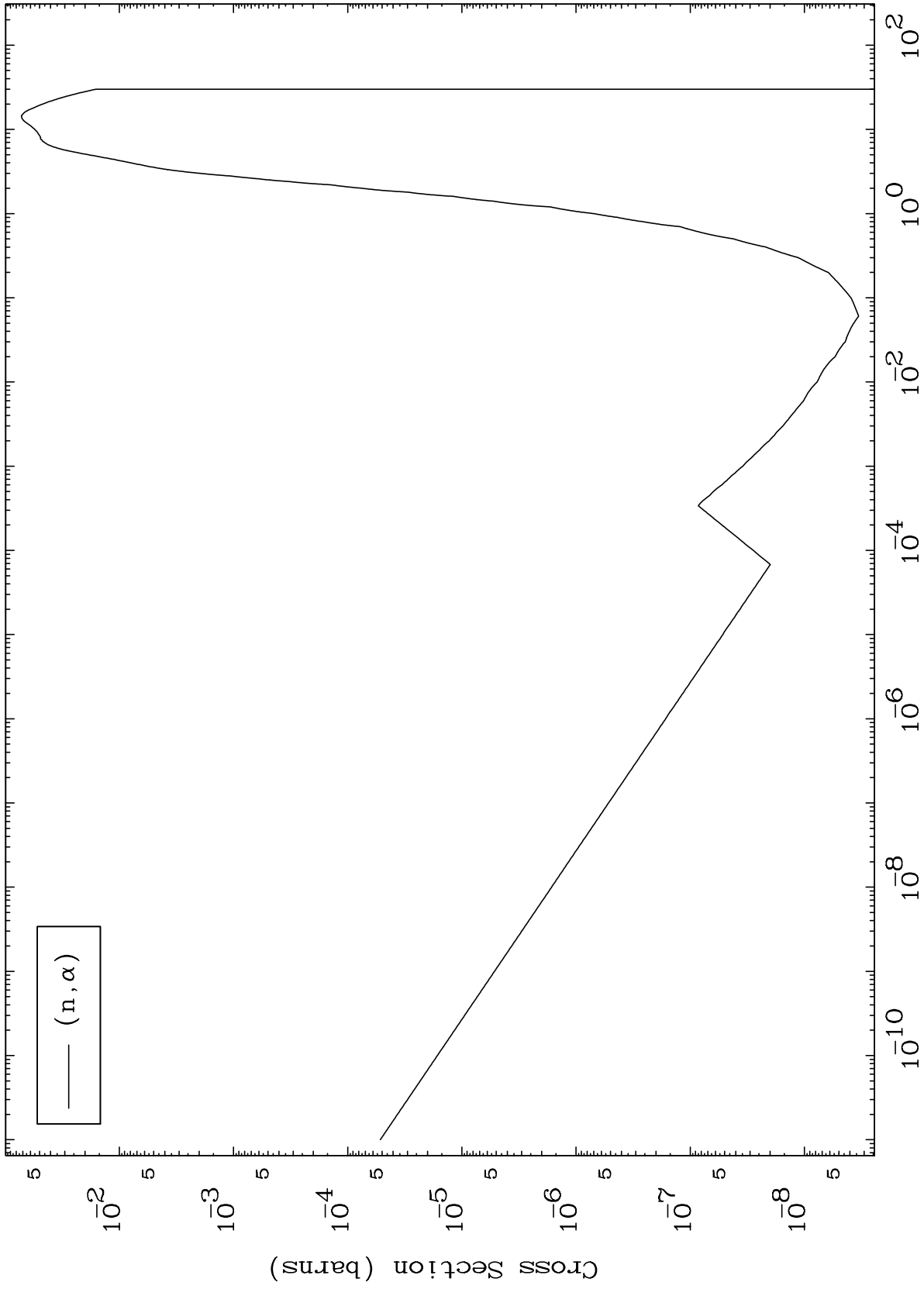
Incident Energy (MeV)

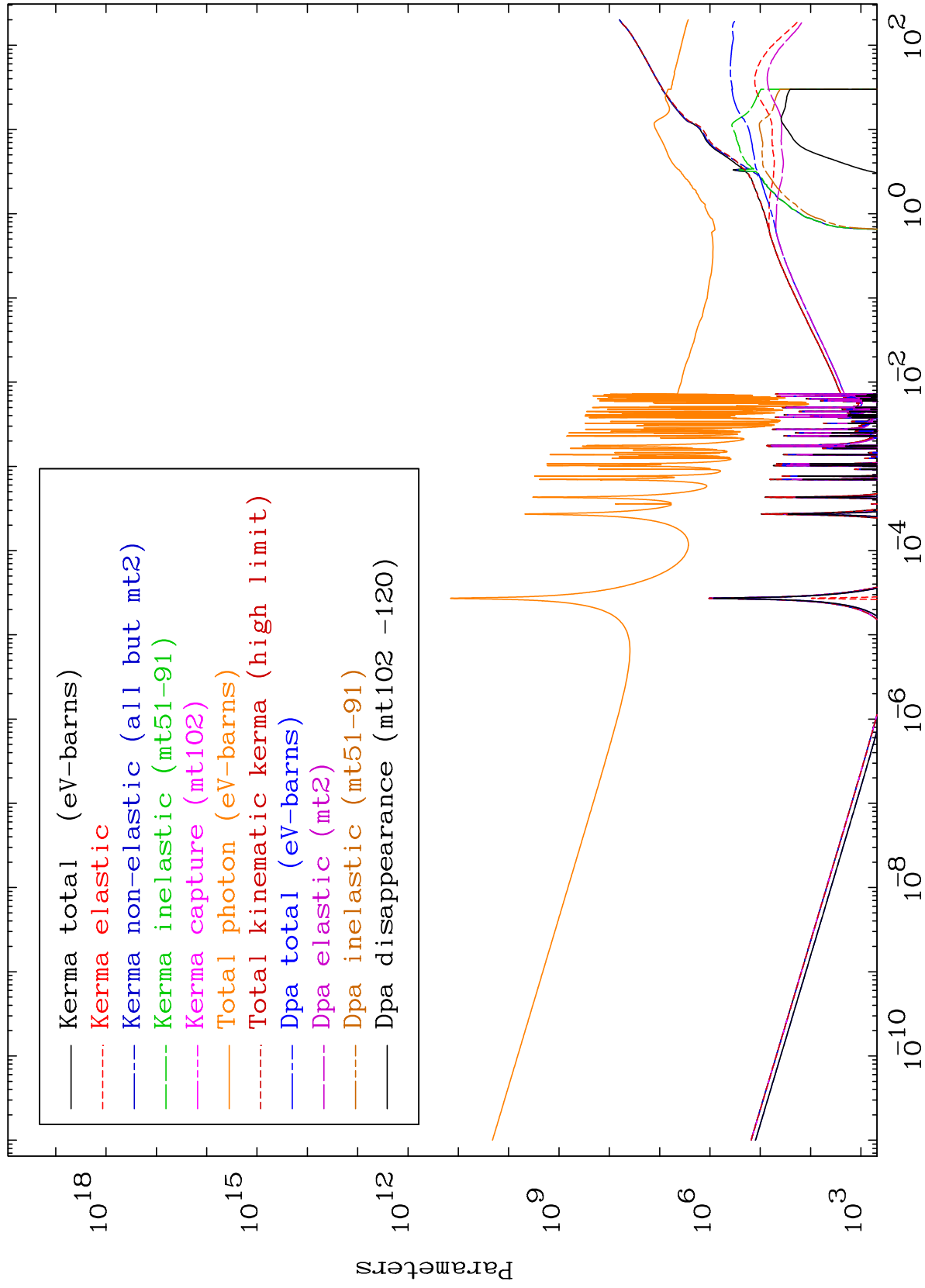
34-Se-74

MAT 3425

(n,α) Levels  
293 Kelvin Cross Sections

34-Se-74

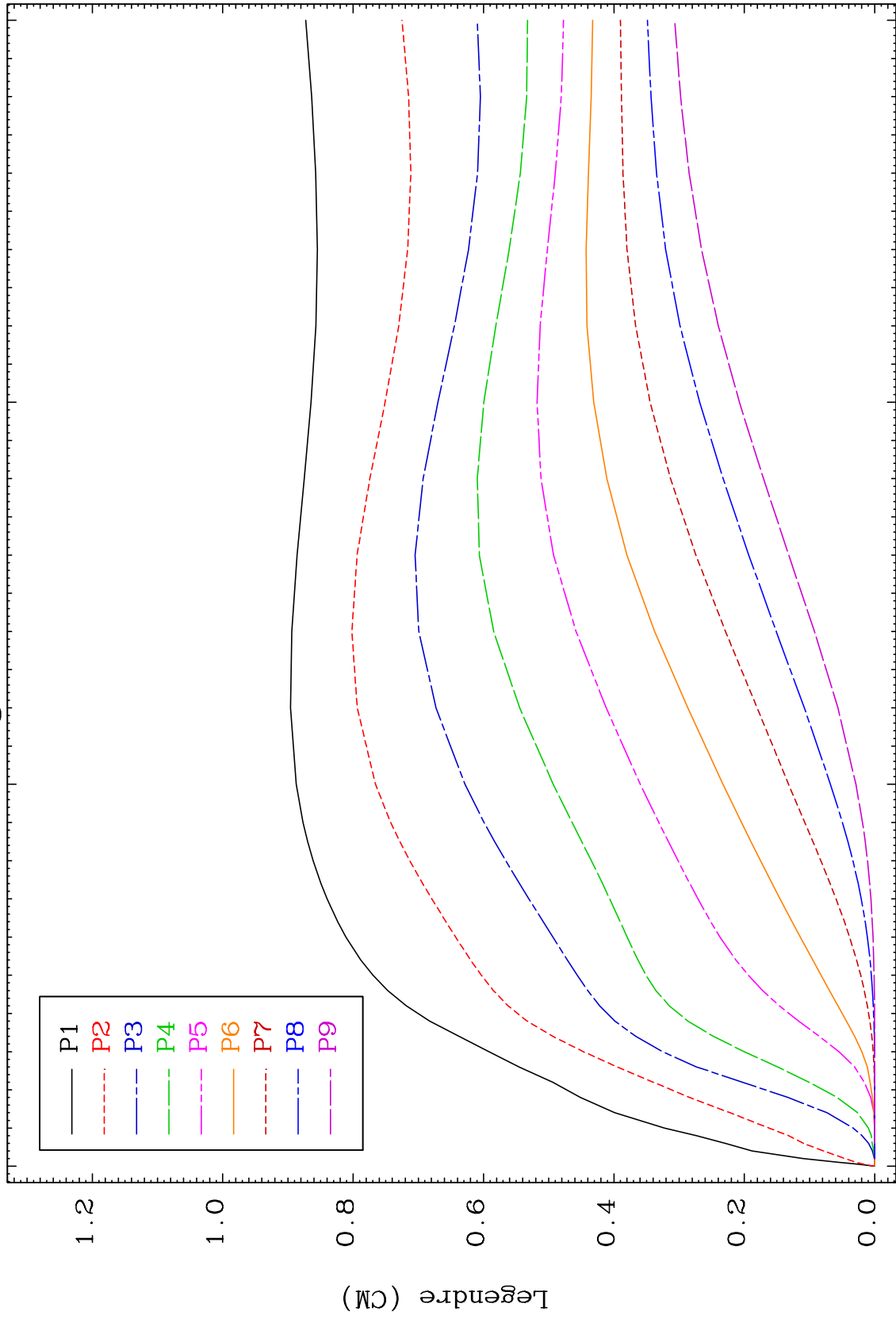




MAT 3425

Elastic Legendre Coefficients

<sup>34</sup>Se-74



16

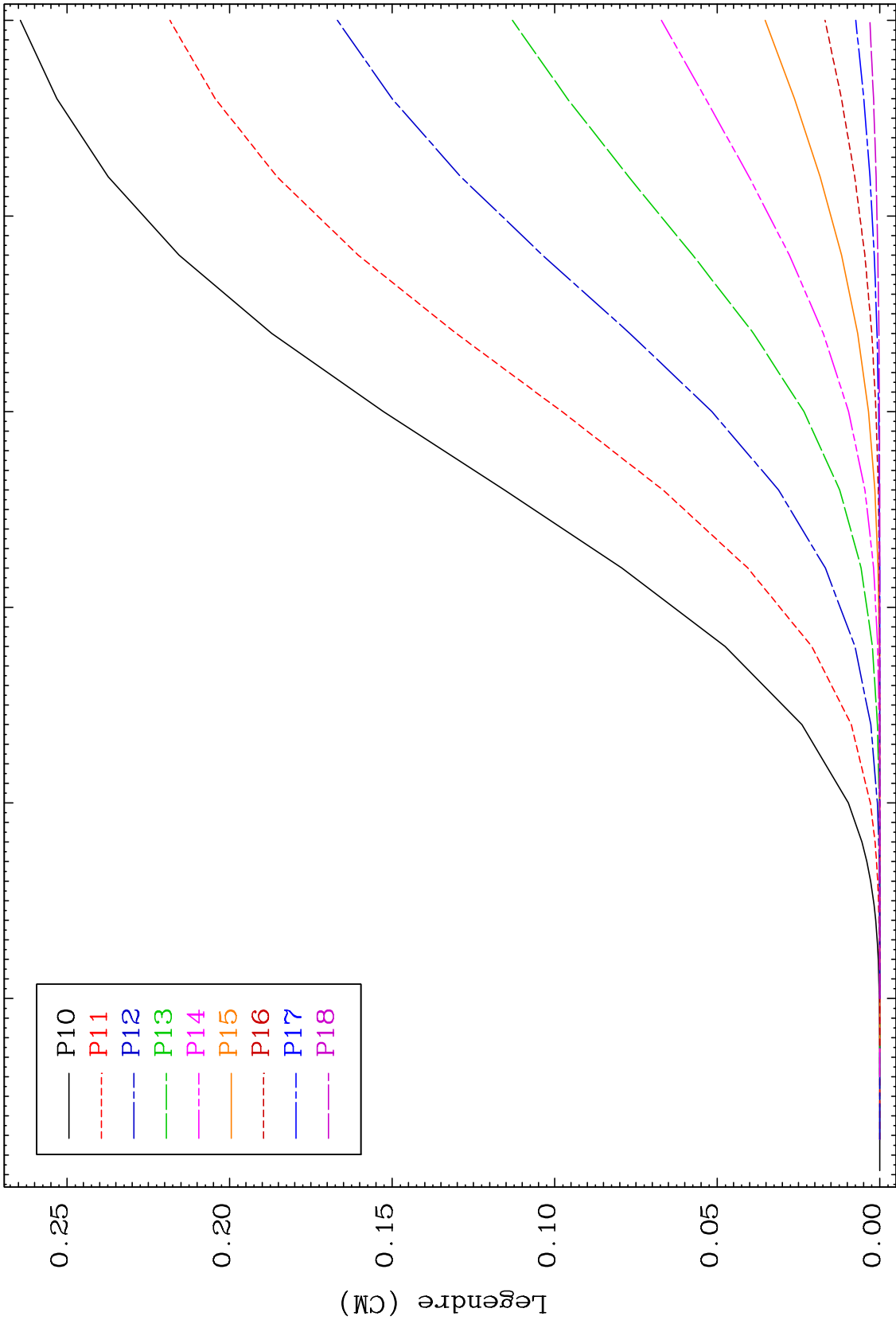
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

Elastic Legendre Coefficients

<sup>34</sup>Se-74



17

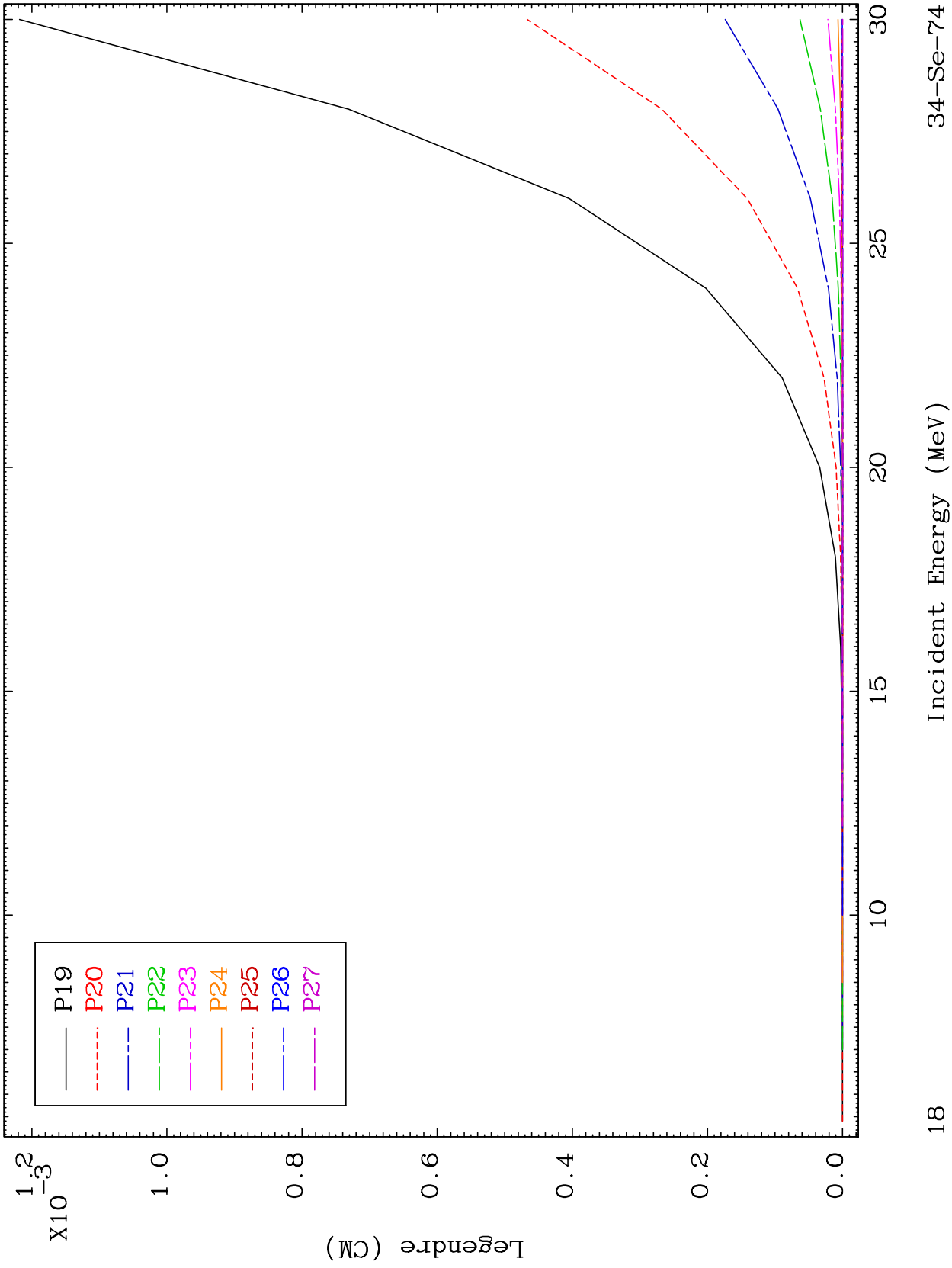
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

### Elastic Legendre Coefficients

<sup>34</sup>Se-74



18

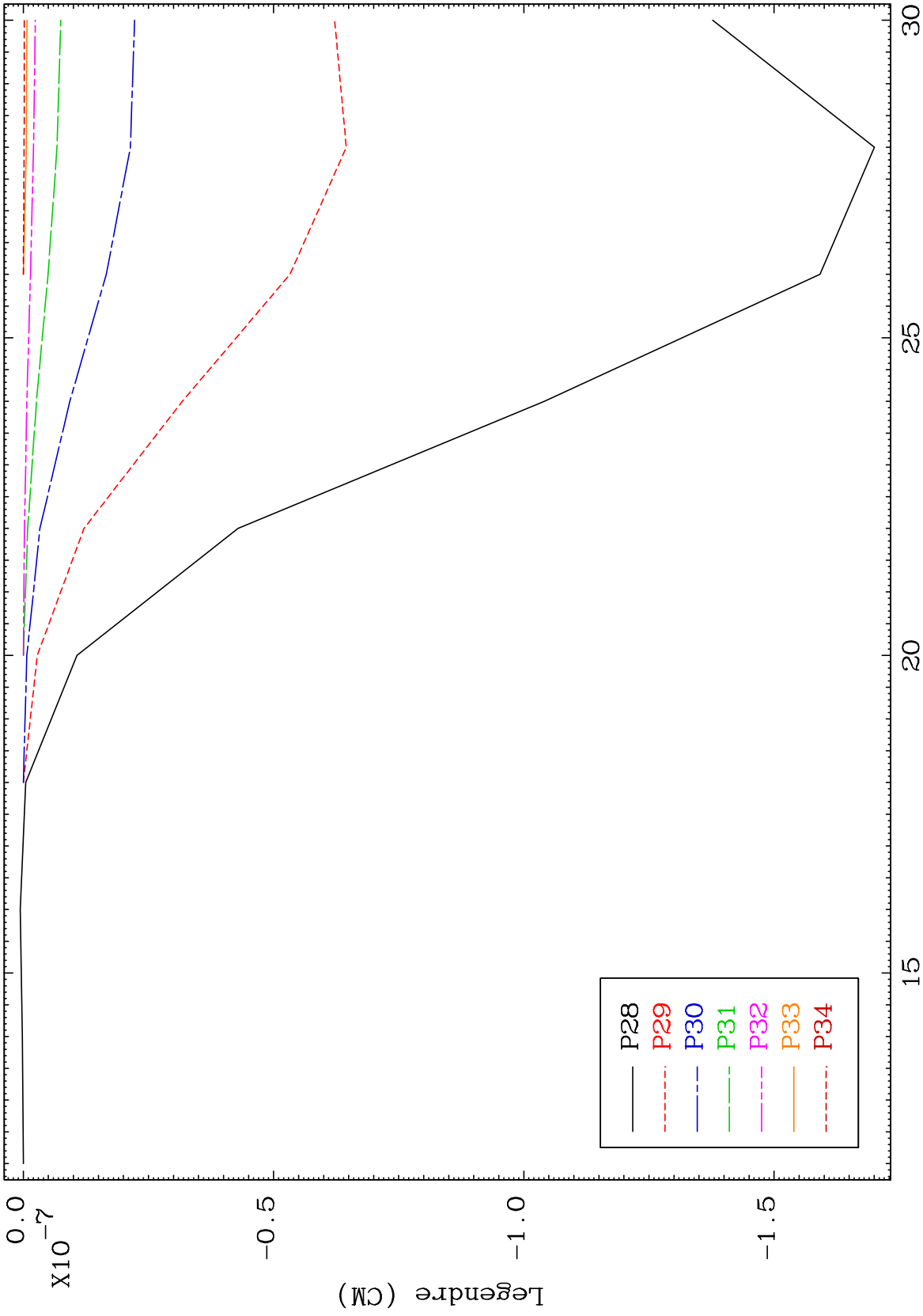
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

<sup>34</sup>Se-74

Elastic Legendre Coefficients



19

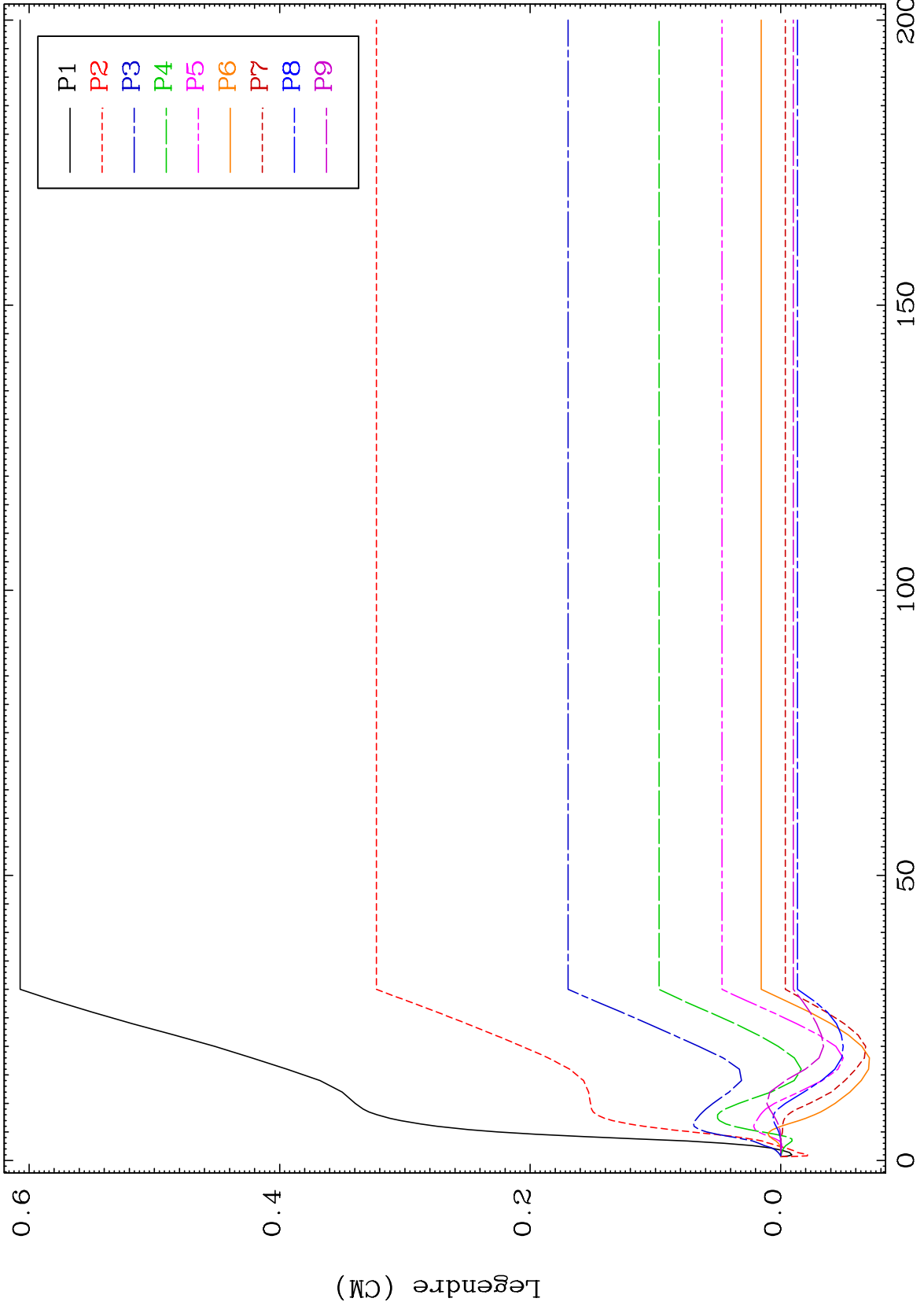
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



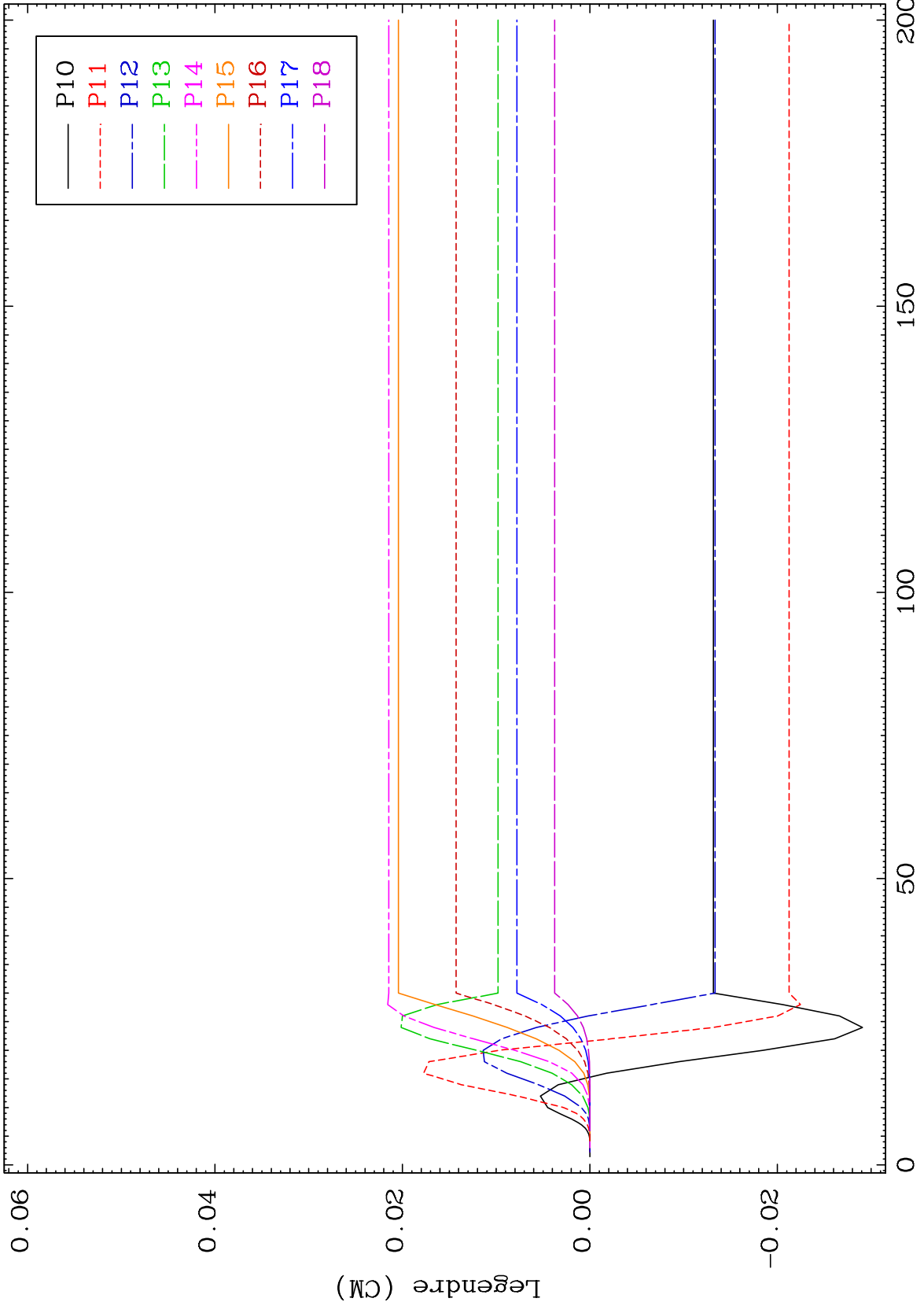
34-Se-74

Incident Energy (MeV)

MAT 3425

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

<sup>34</sup>Se-74



21

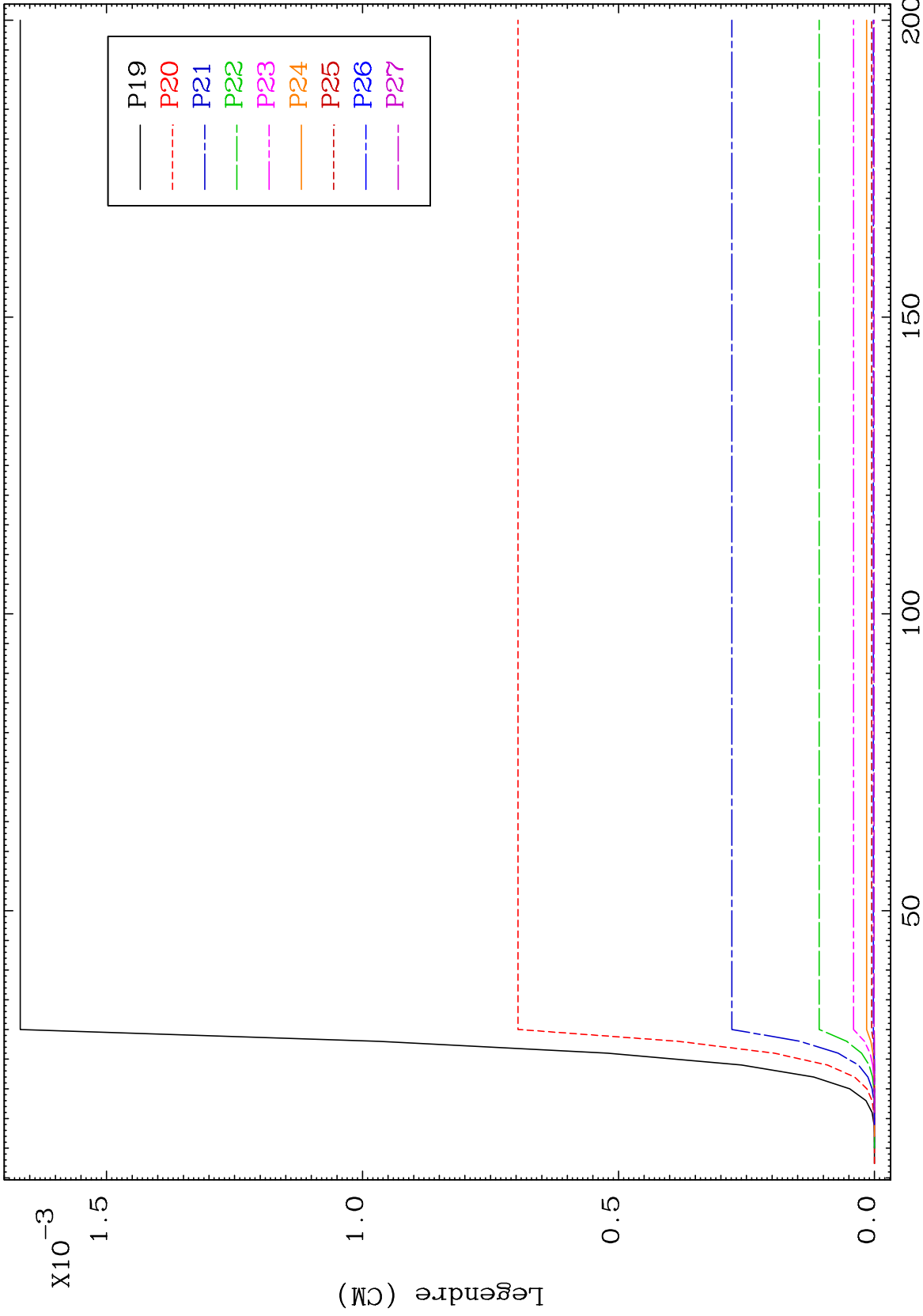
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



22

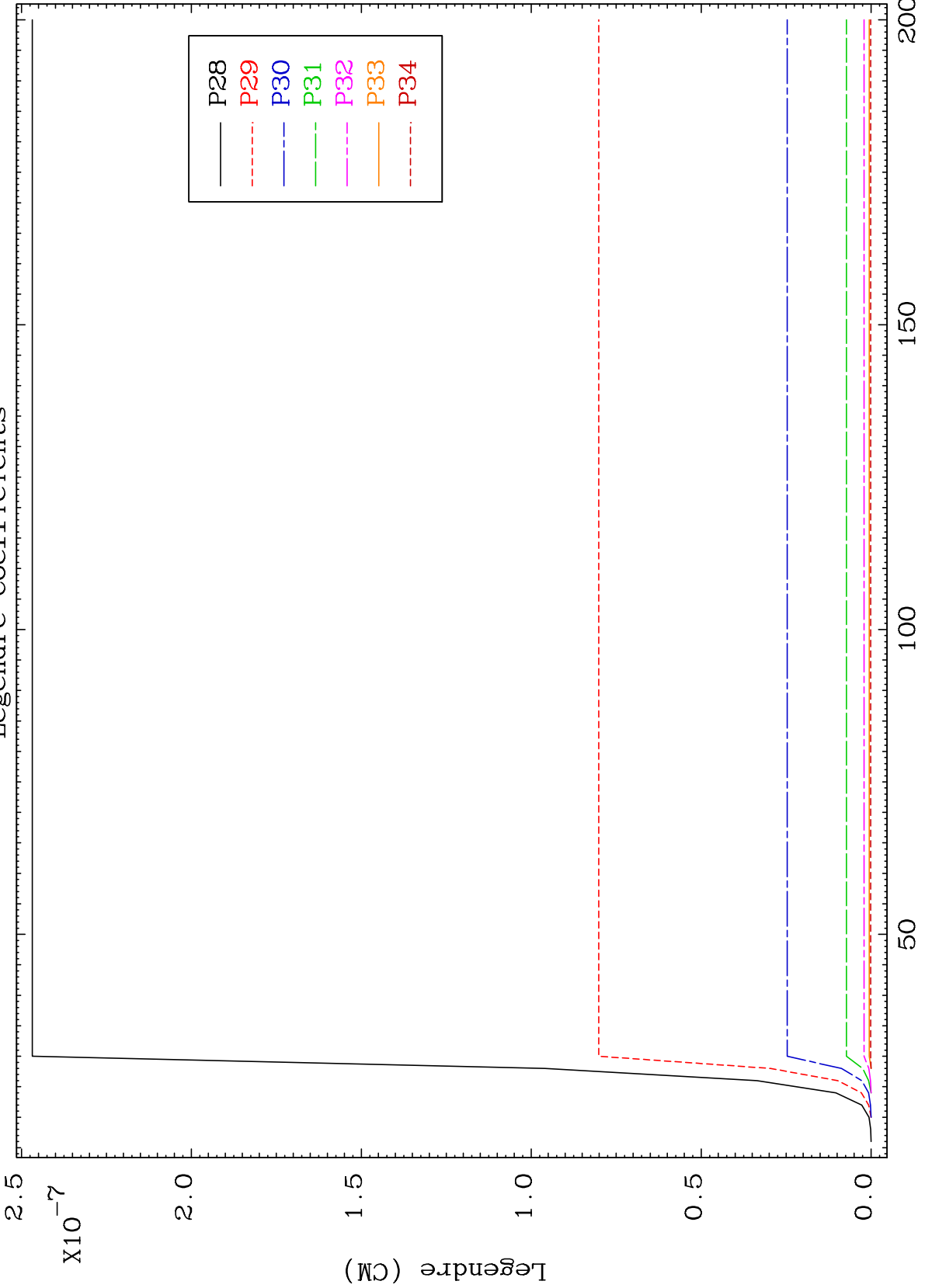
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



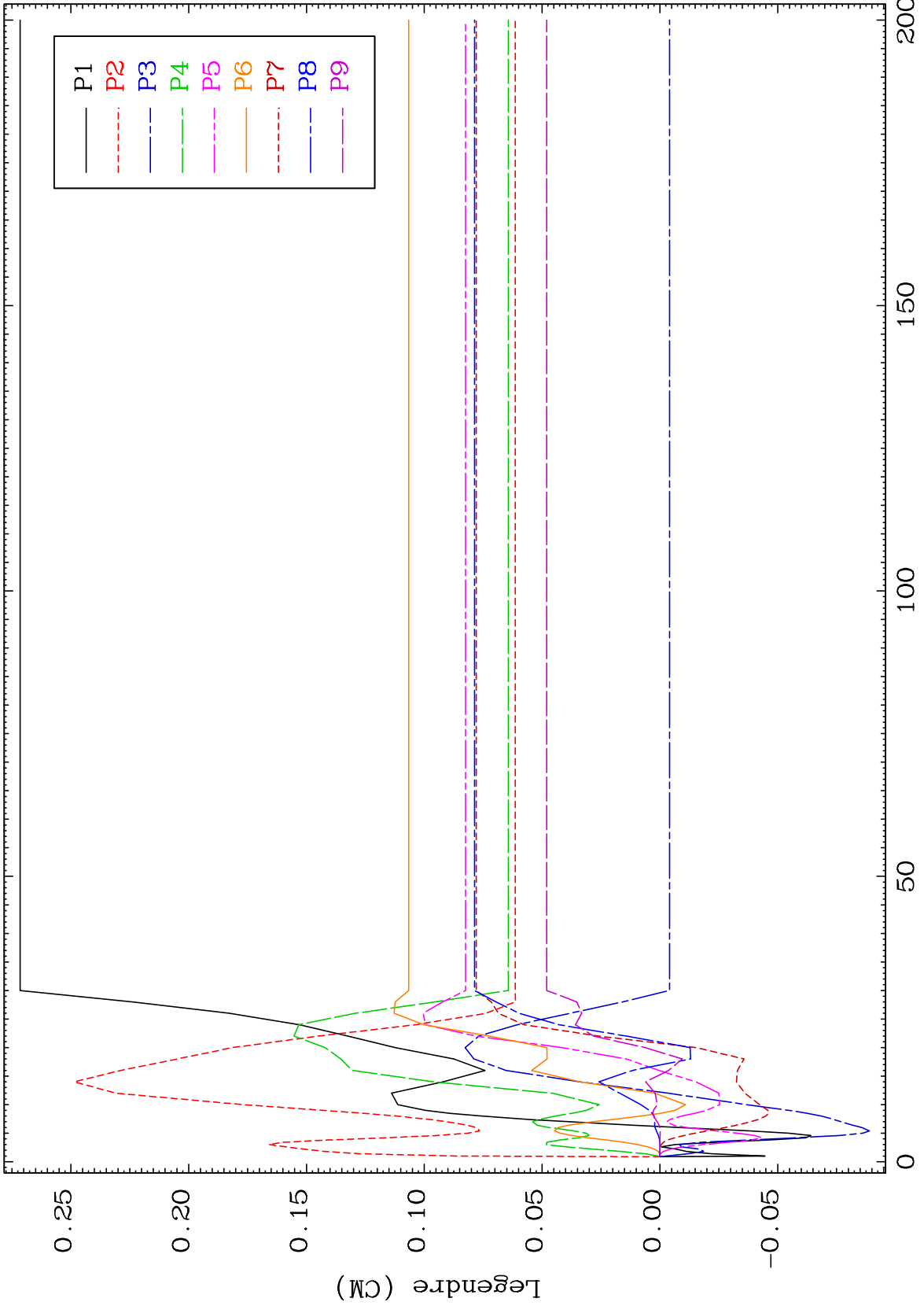
23

34-Se-74

MAT 3425

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

34-Se-74



24

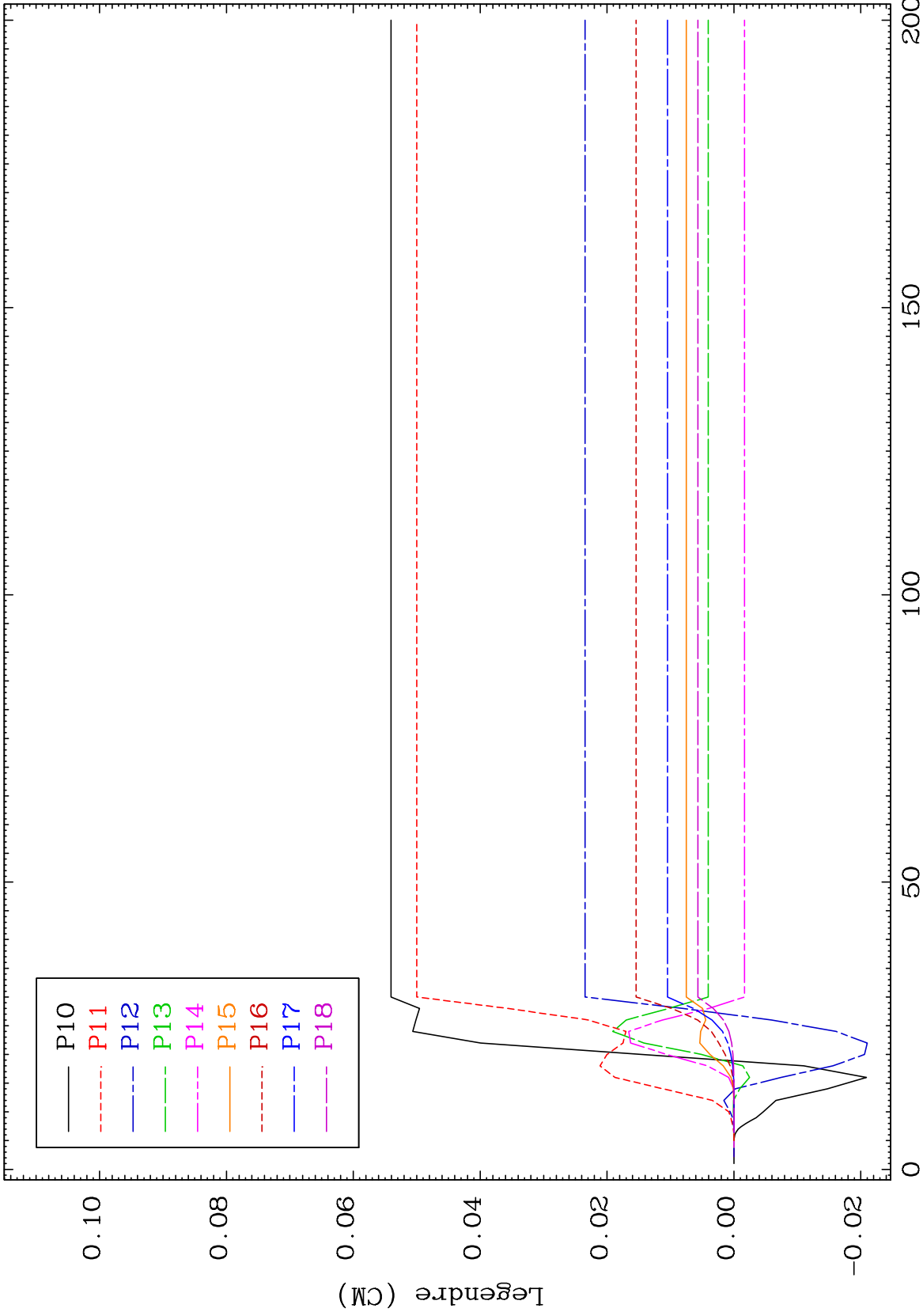
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



25

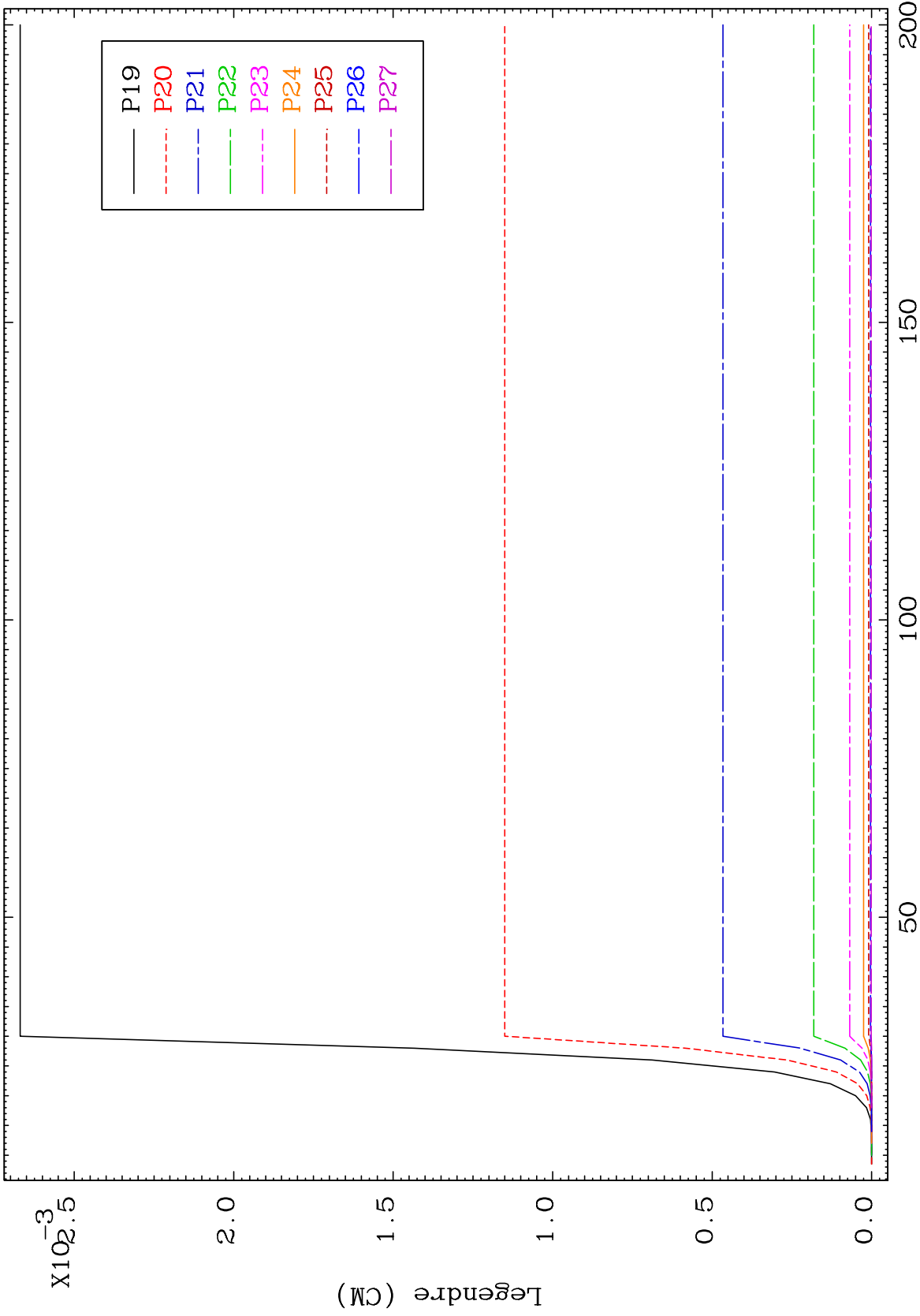
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74



26

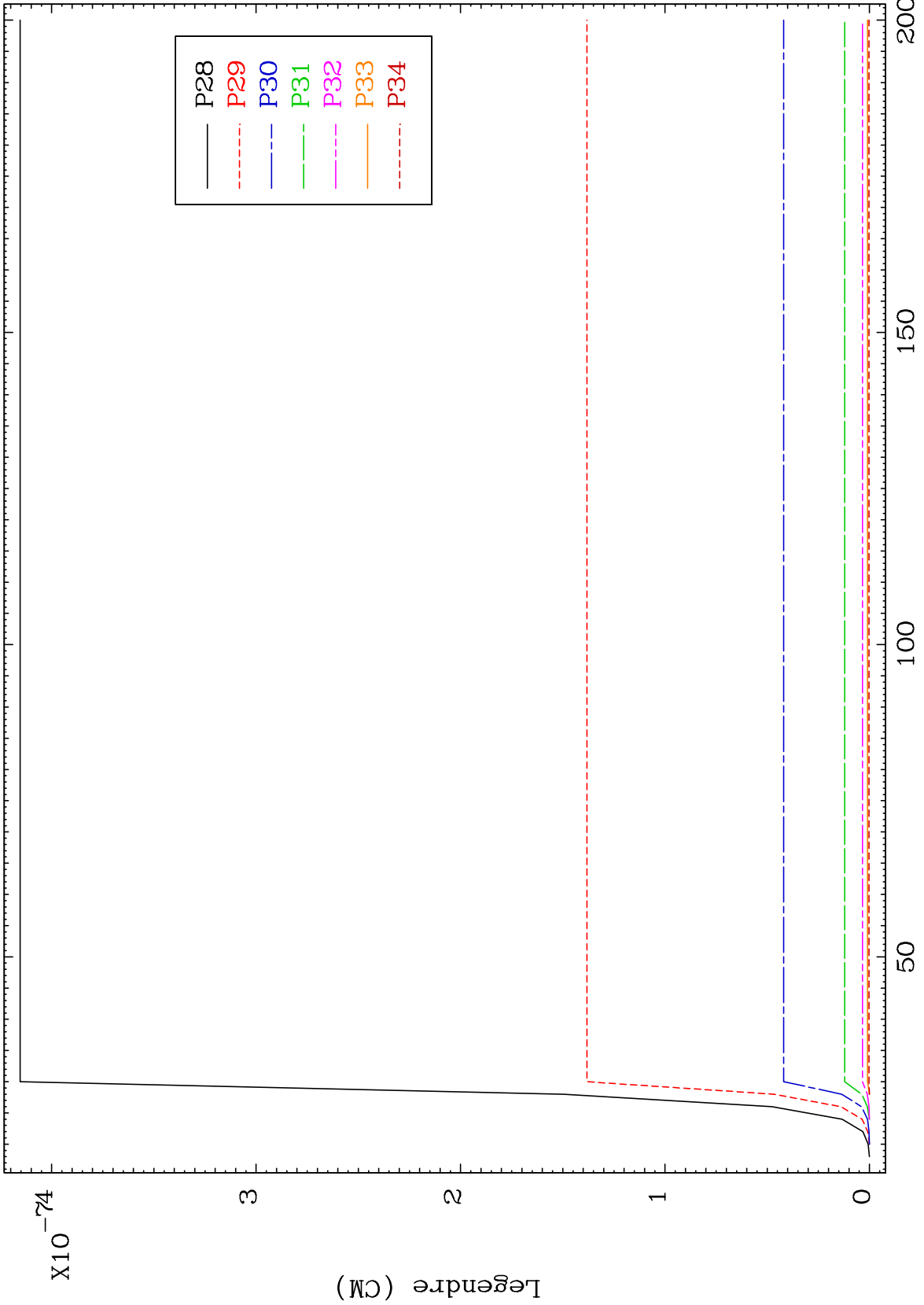
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



27

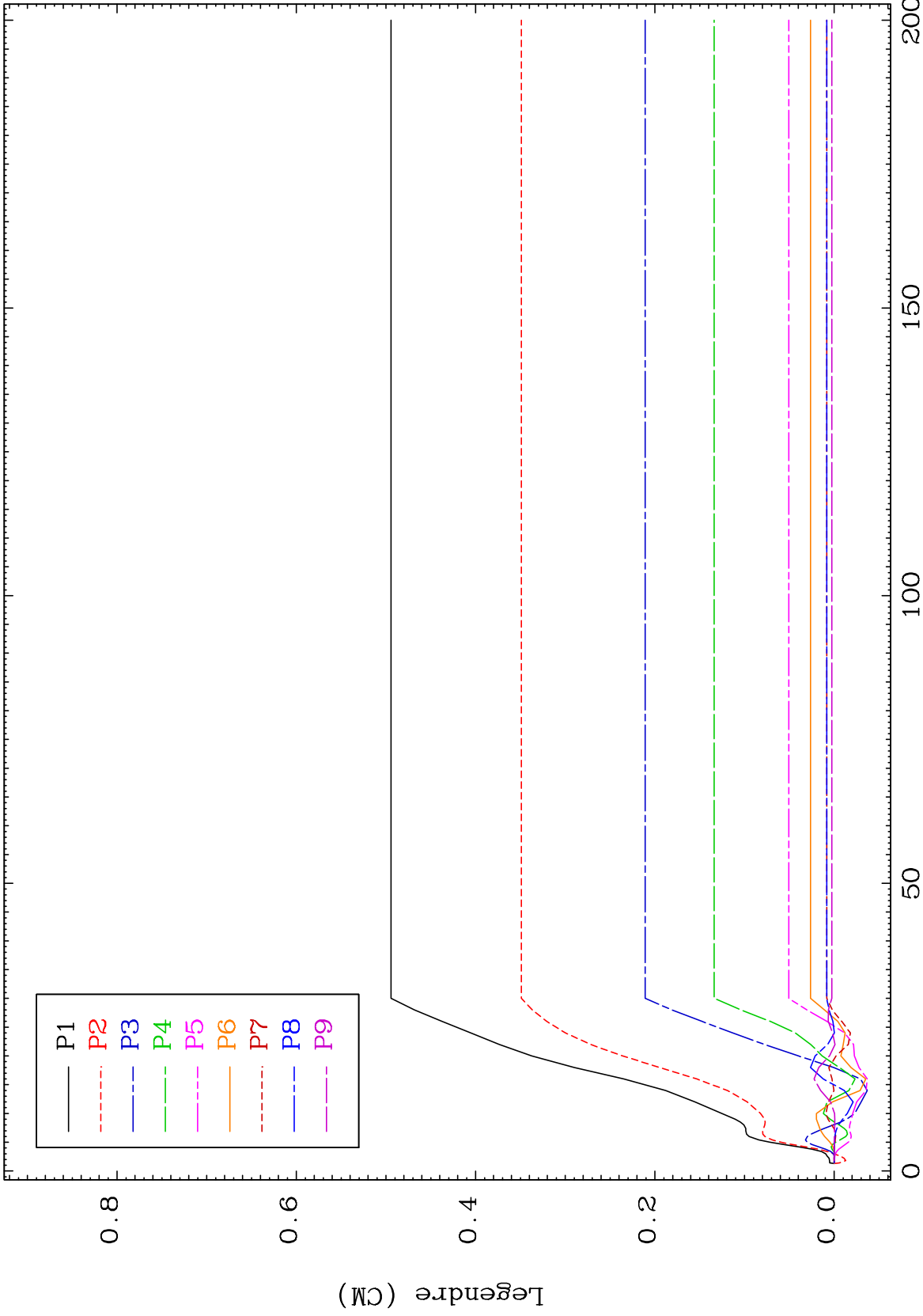
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



28

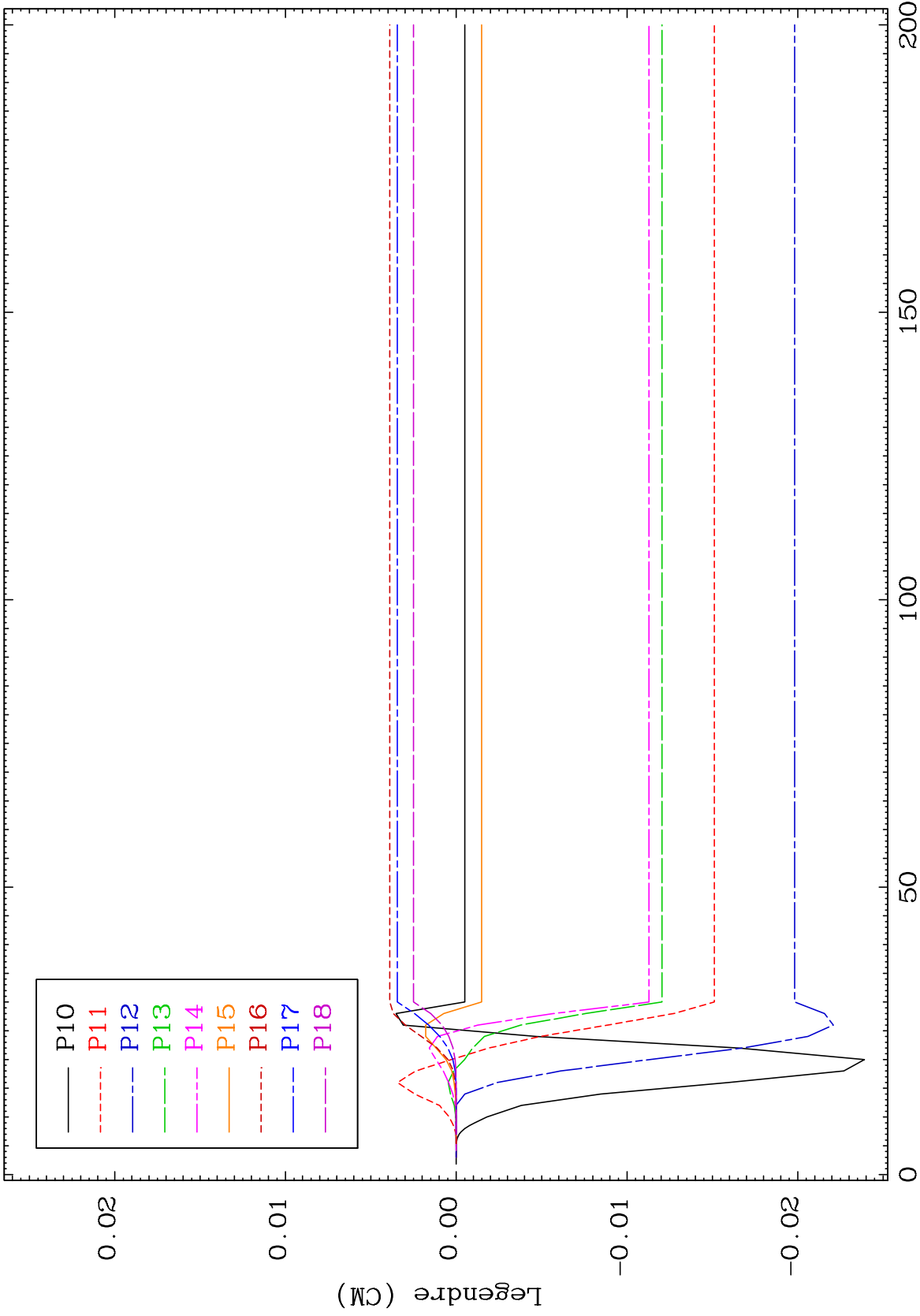
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



29

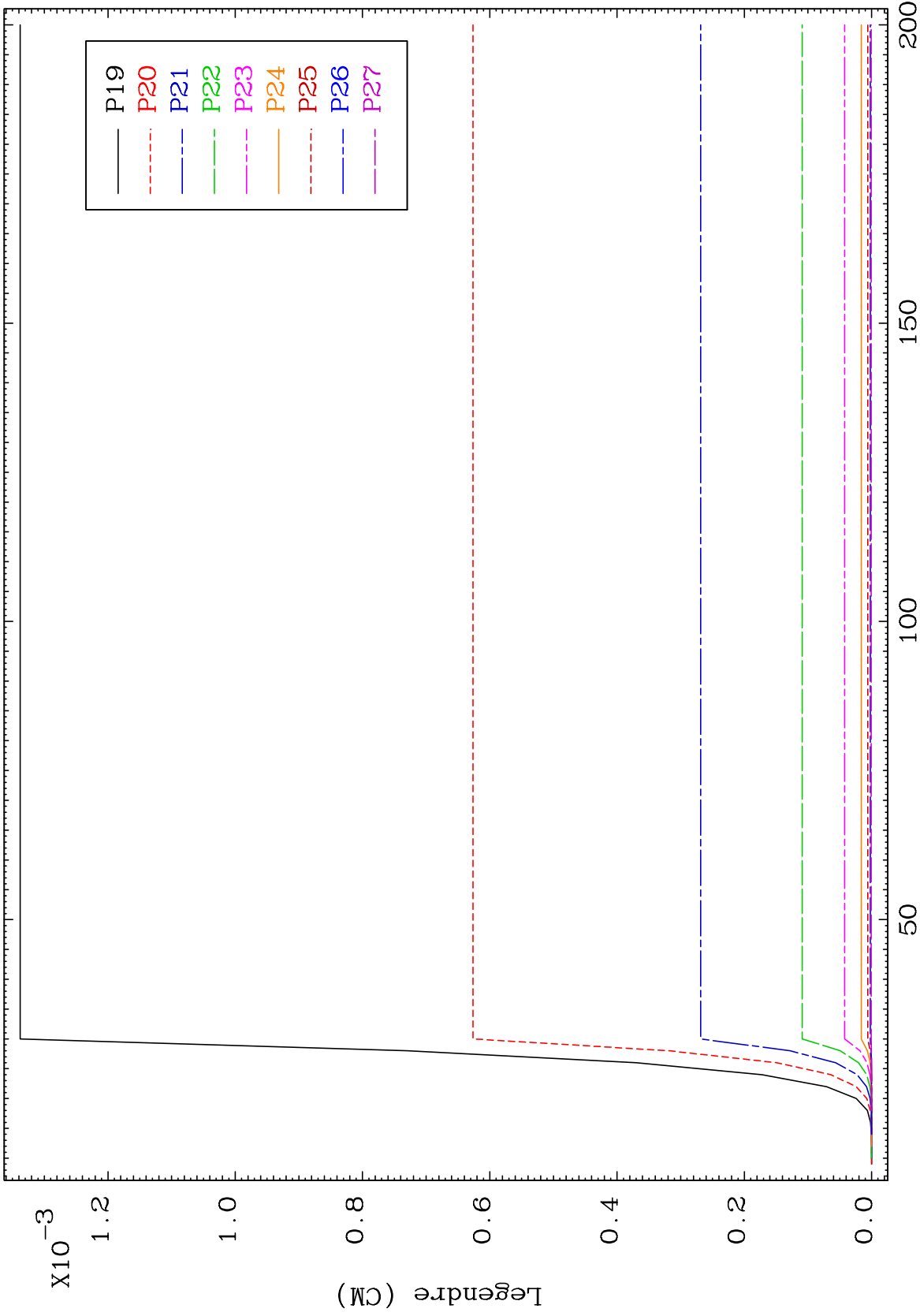
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



30

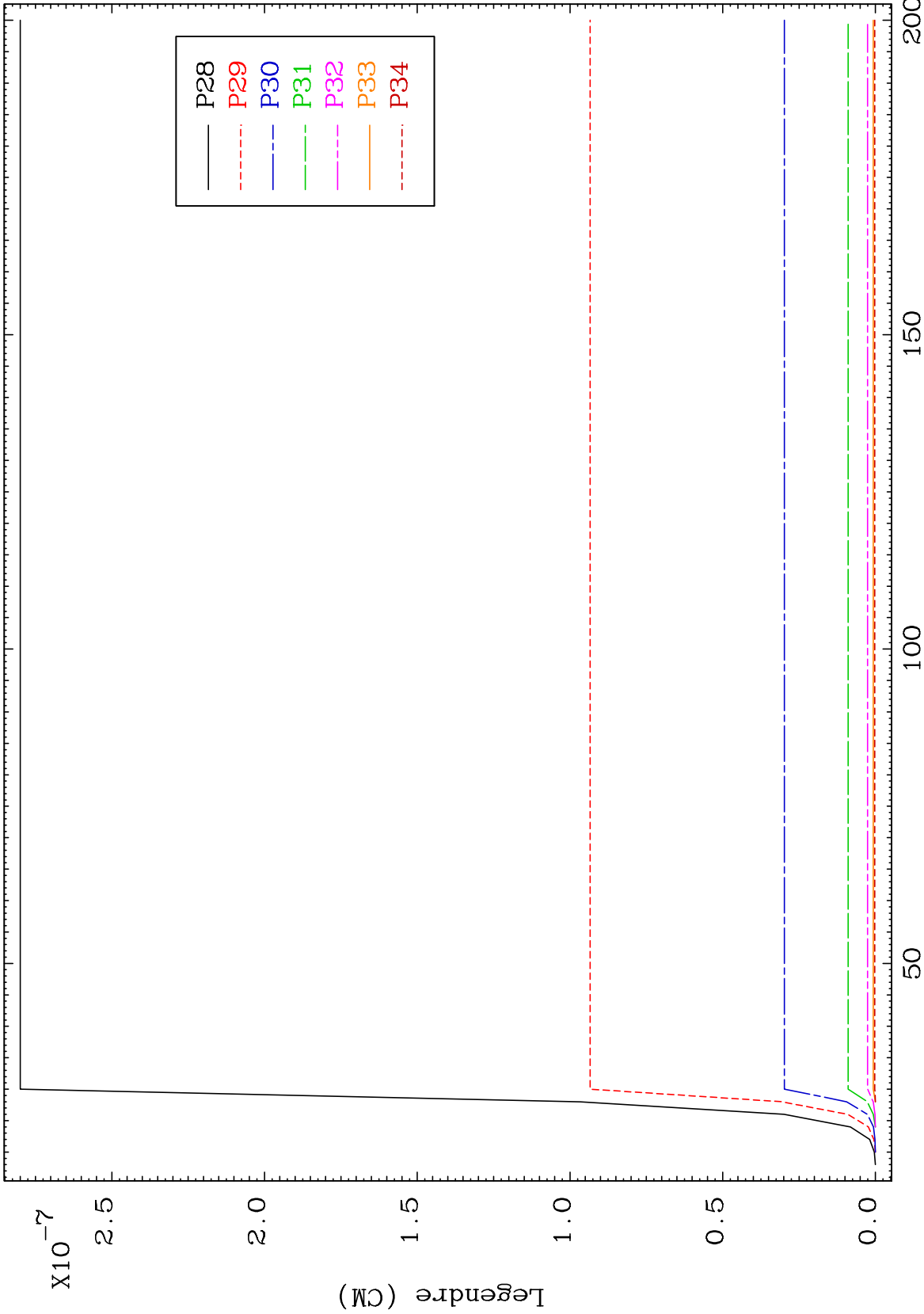
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



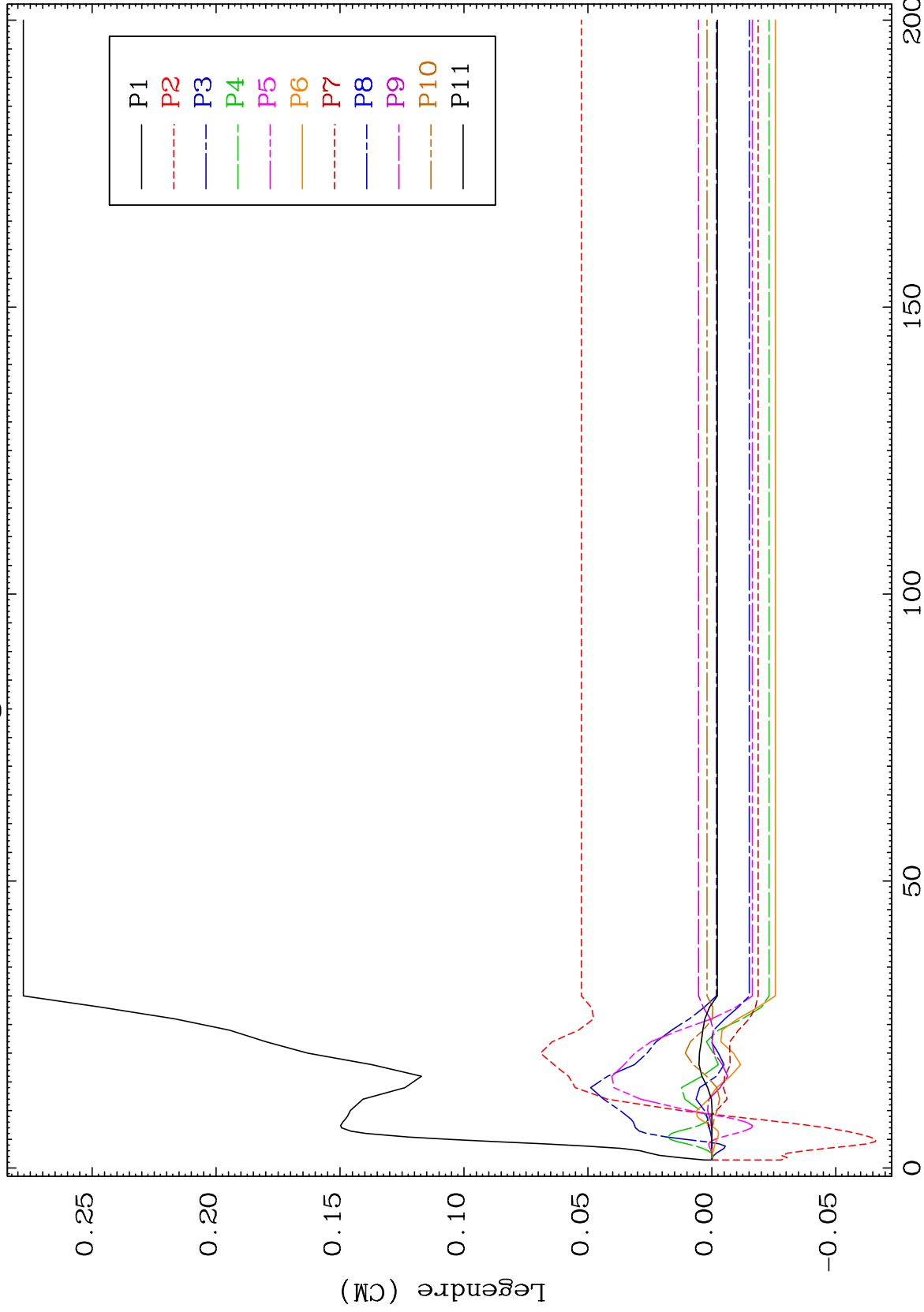
31

34-Se-74

MAT 3425

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

34-Se-74



32

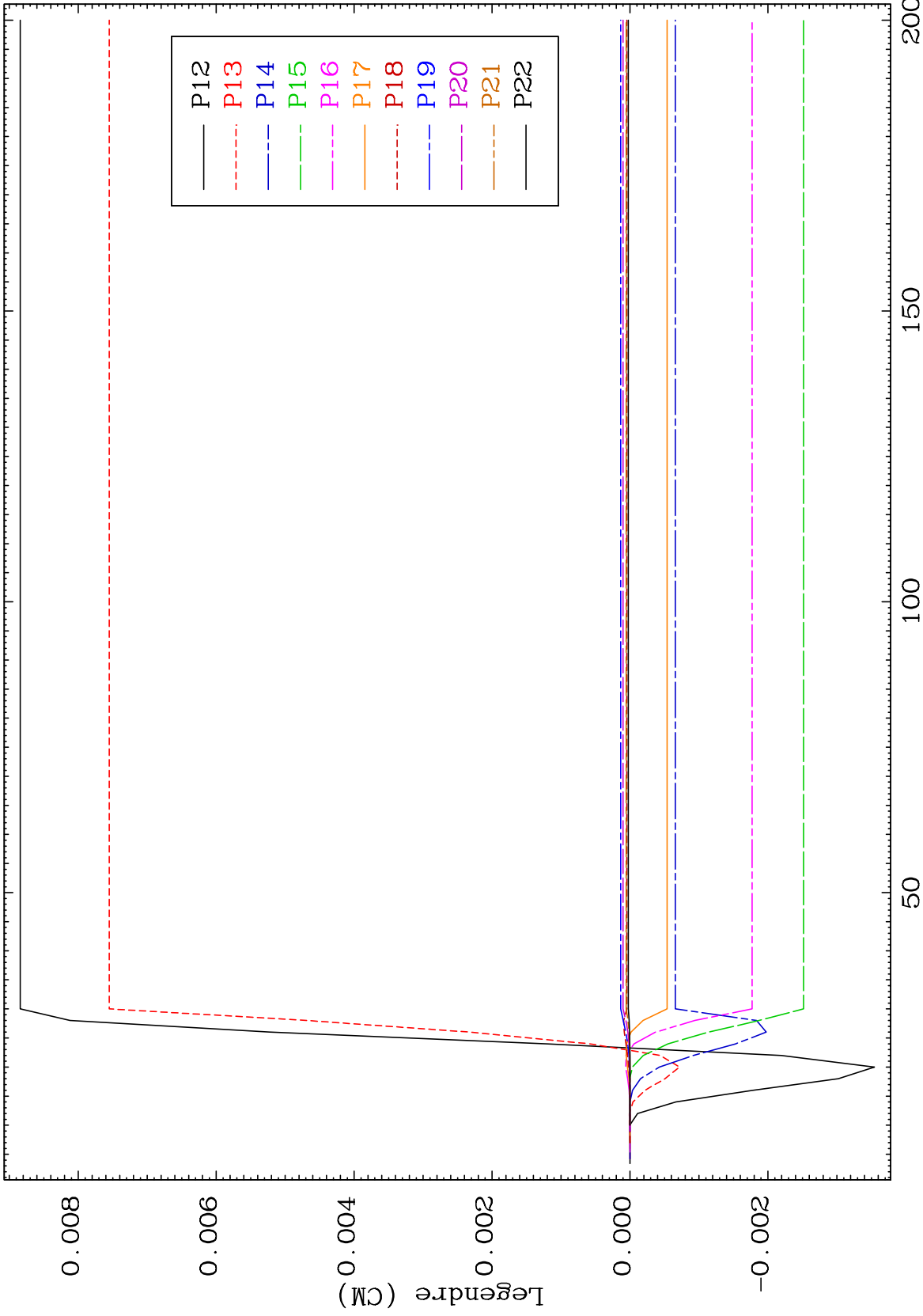
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



33

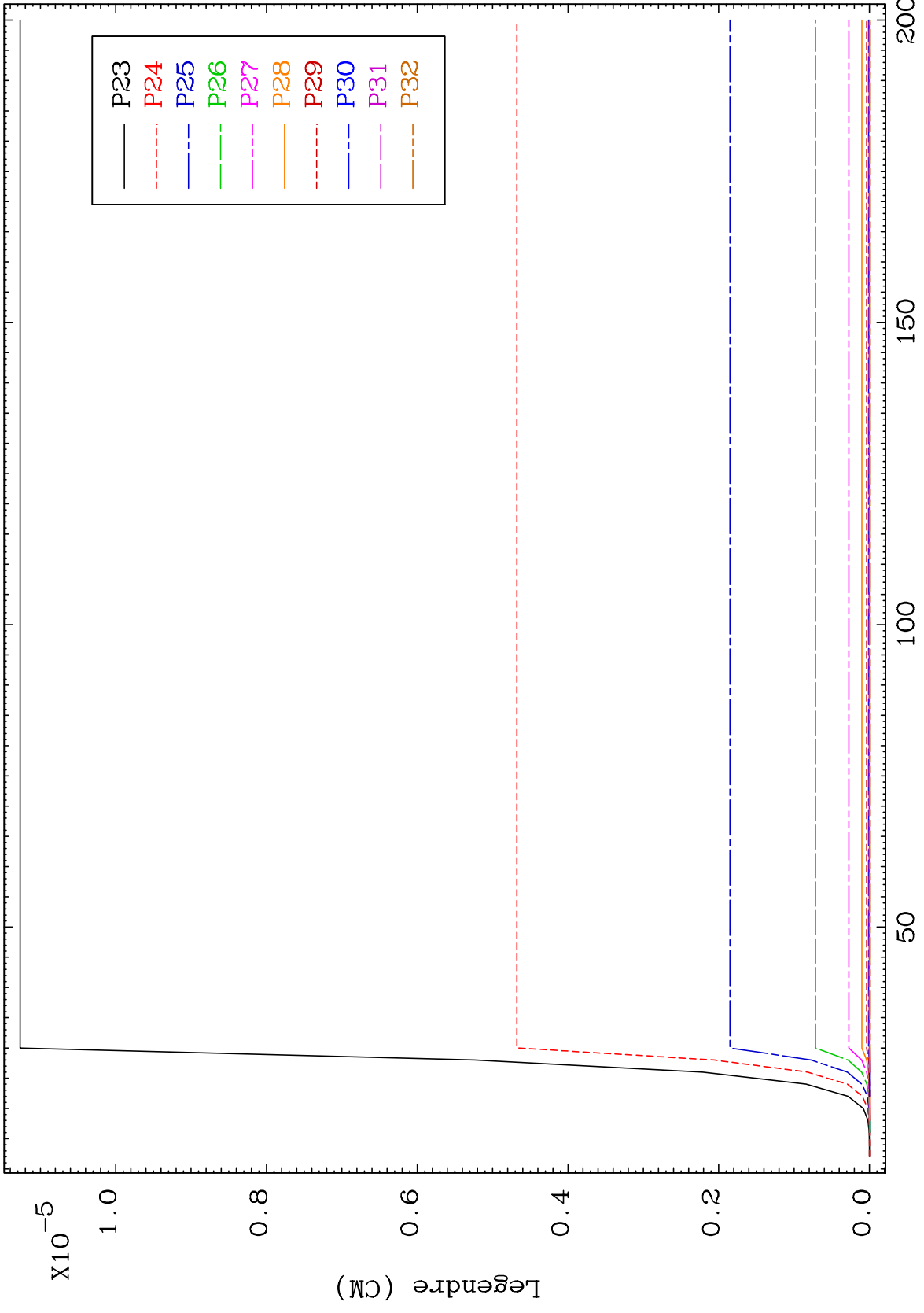
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74

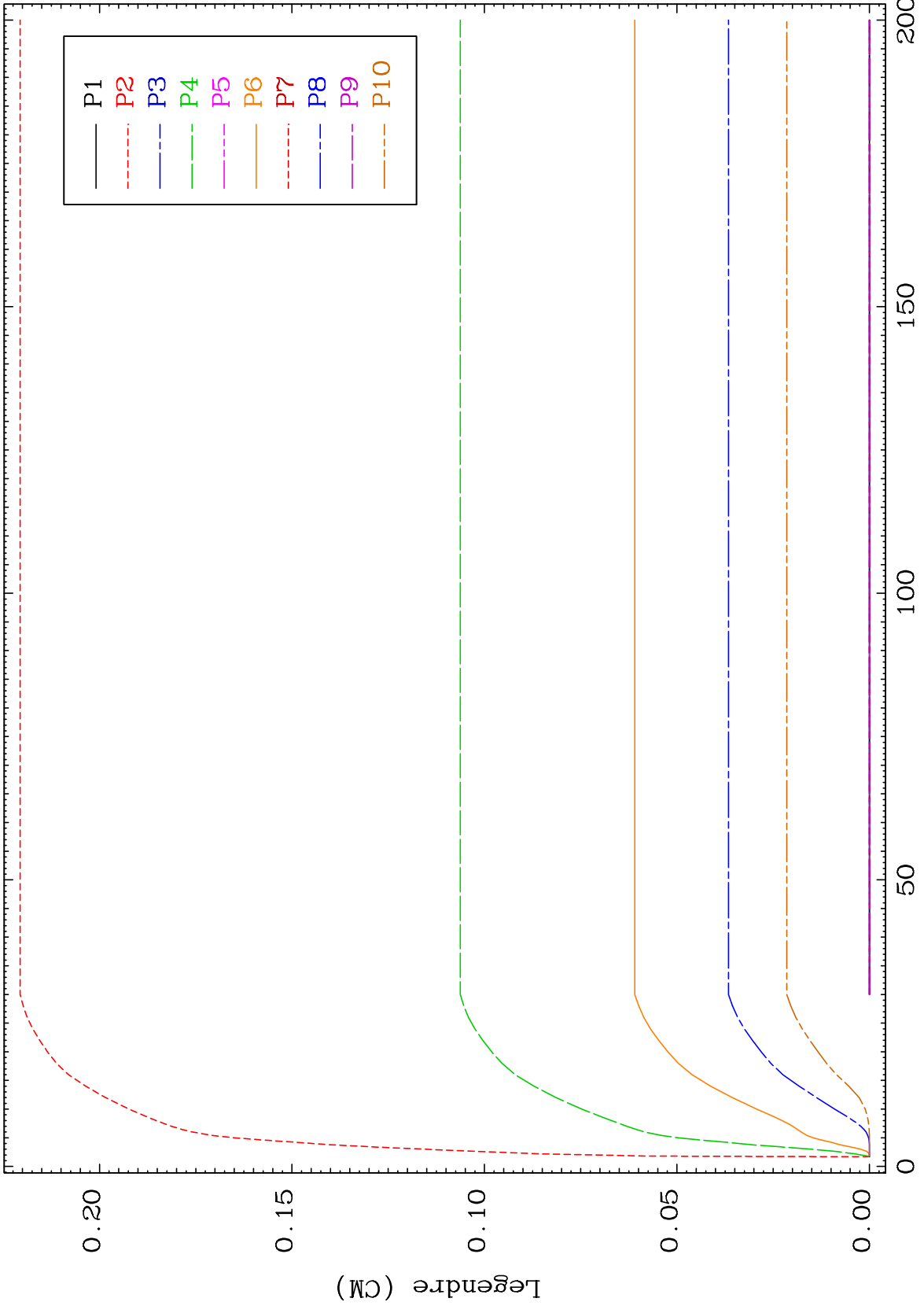


34

Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425 MT= 55 (n,n') Level Legendre Coefficients 34-Se-74

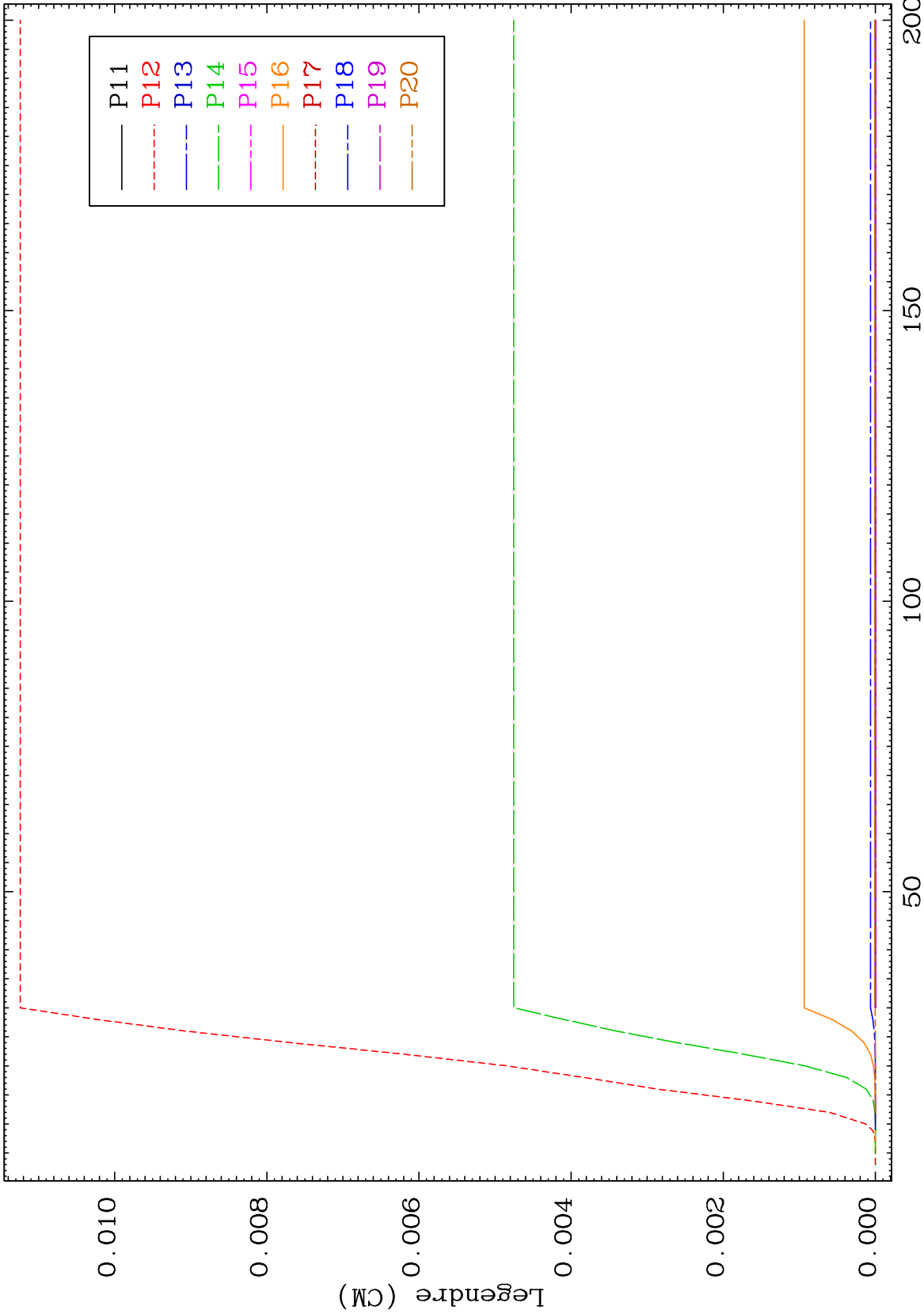


34-Se-74

MAT 3425

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

34-Se-74

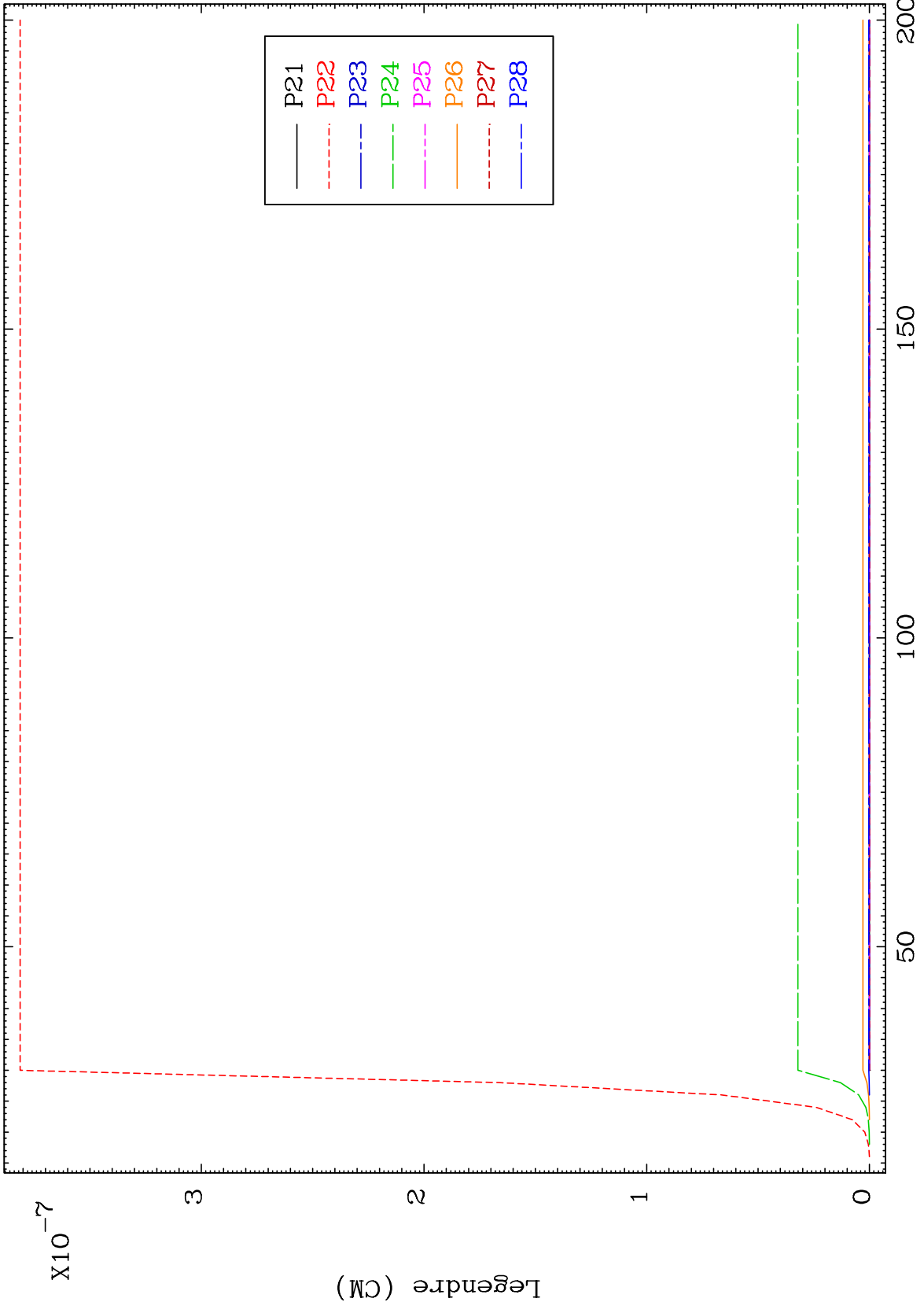


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Incident Energy (MeV)

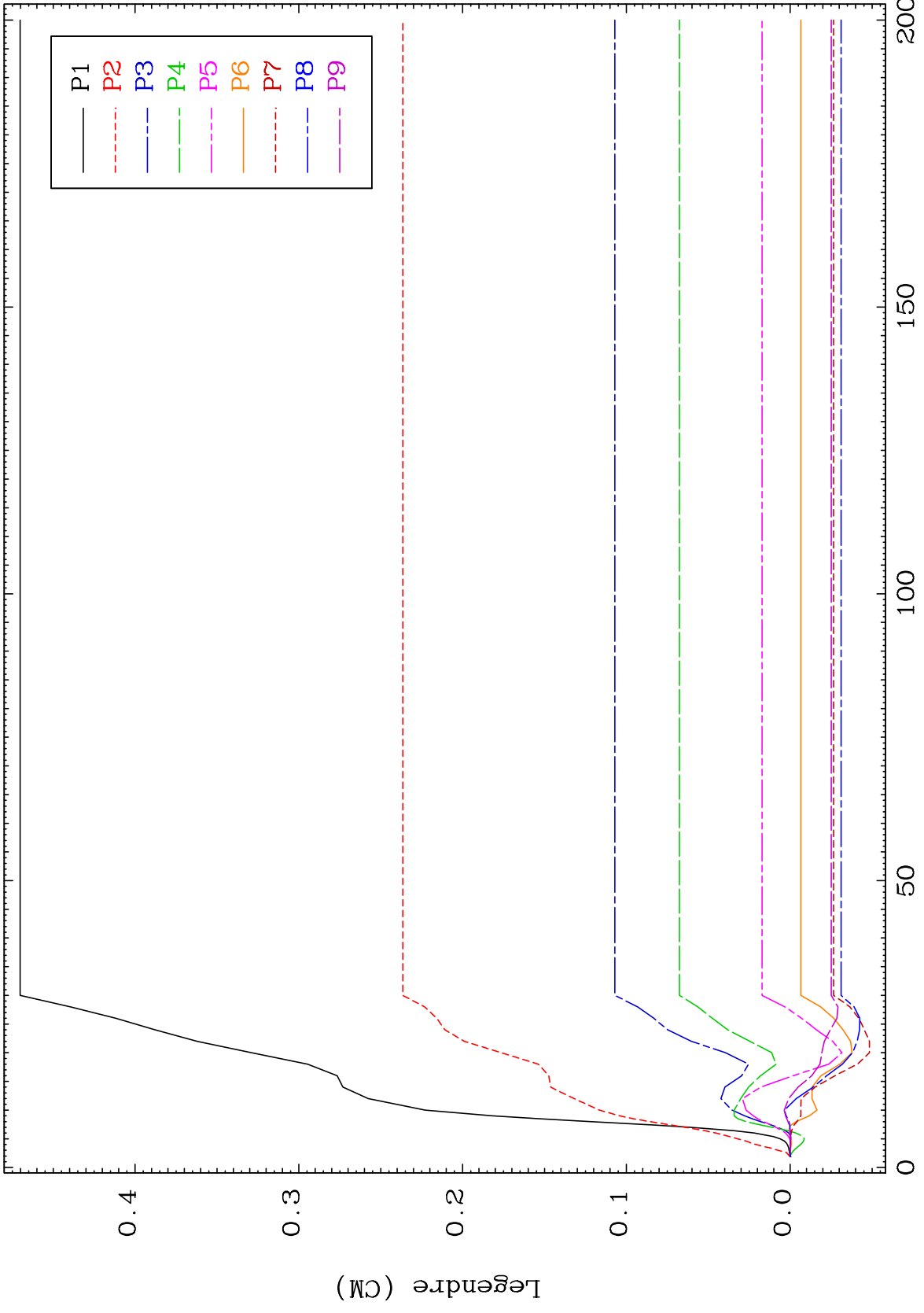
34-Se-74

MAT 3425 MT= 55 (n,n') Level Legendre Coefficients 34-Se-74



37 Incident Energy (MeV) 34-Se-74

MAT 3425 MT= 56 (n,n') Level Legendre Coefficients 34-Se-74

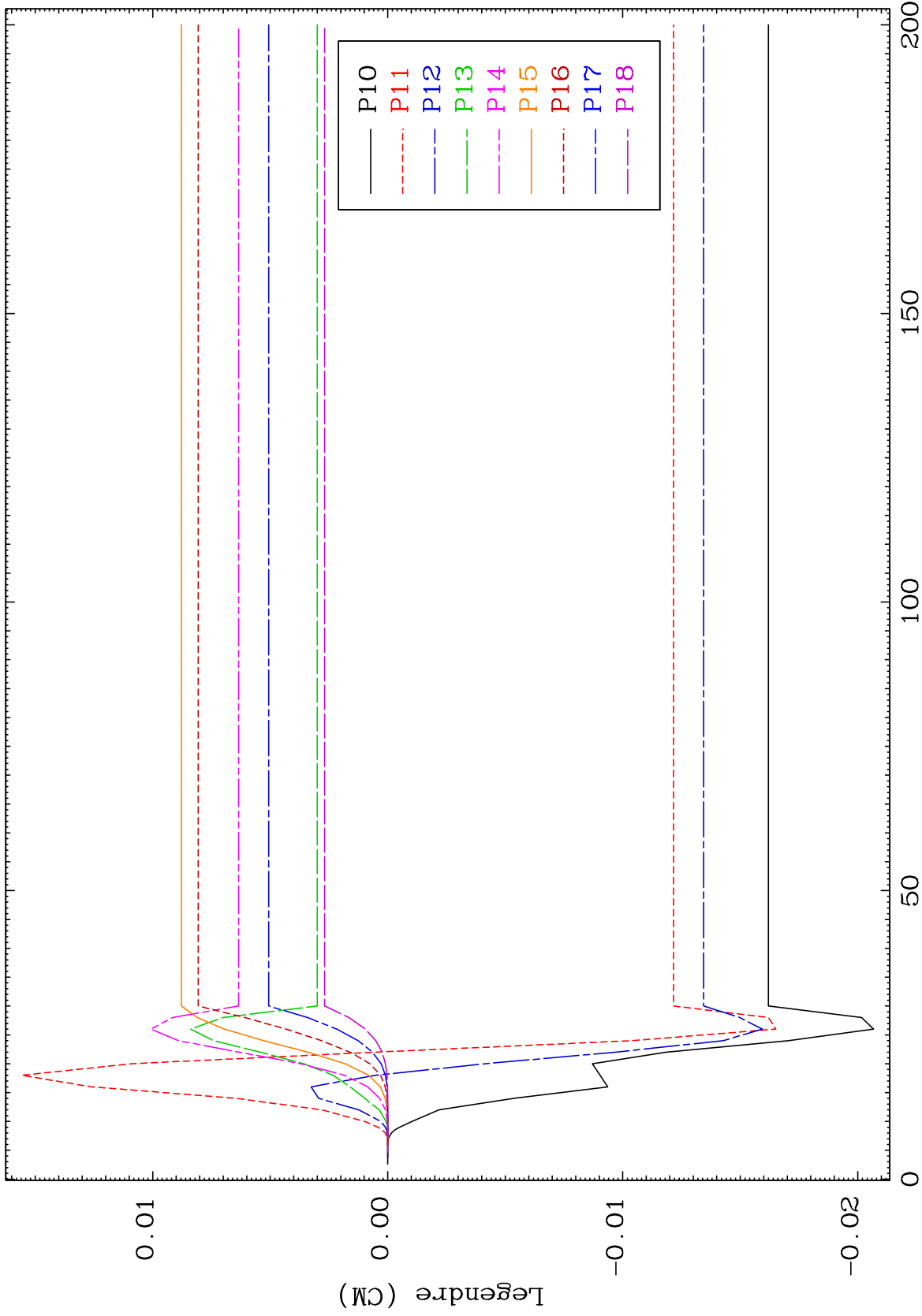


38 34-Se-74

MAT 3425

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

34-Se-74



39

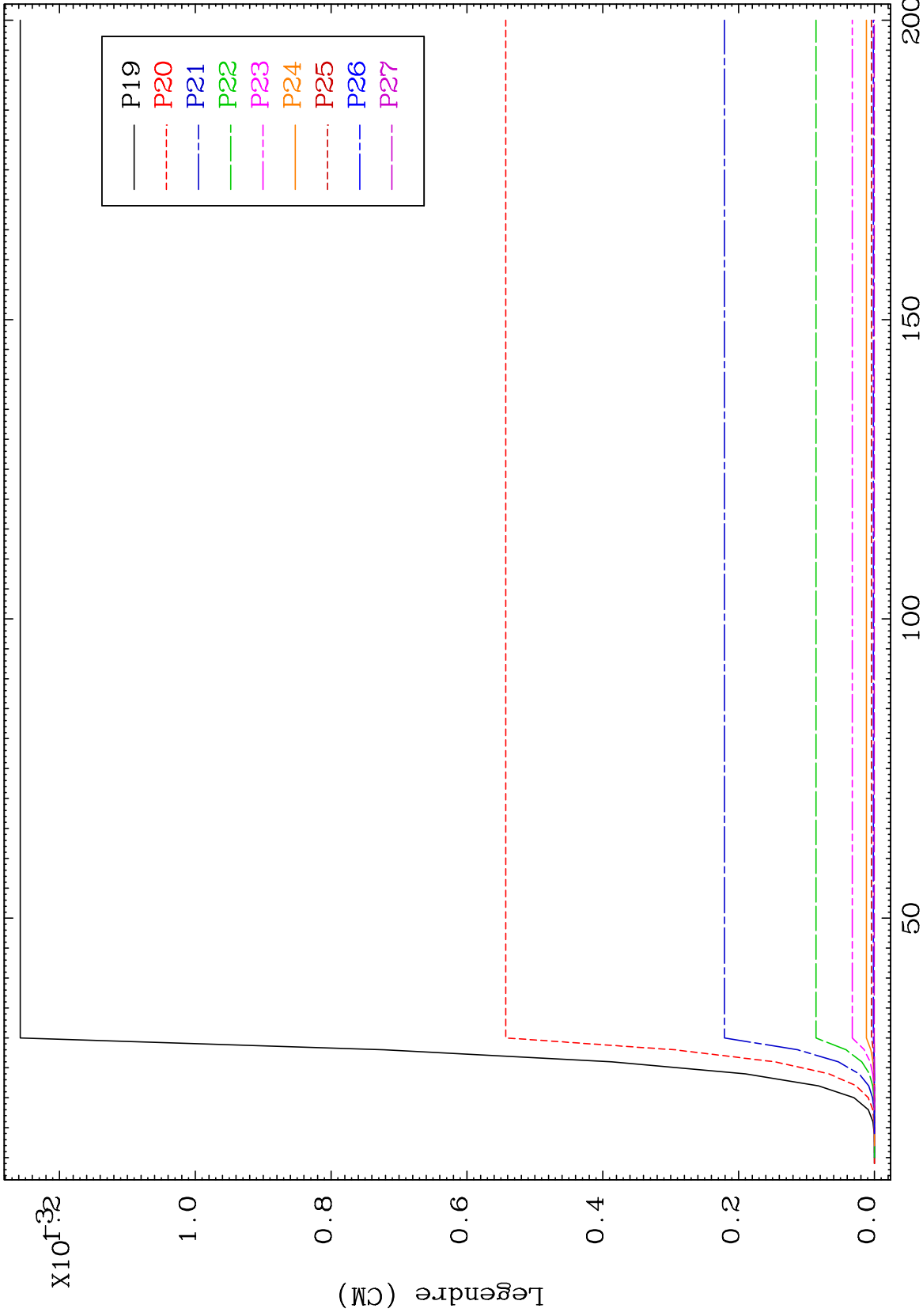
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



40

Incident Energy (MeV)

34-Se-74

200

150

100

50

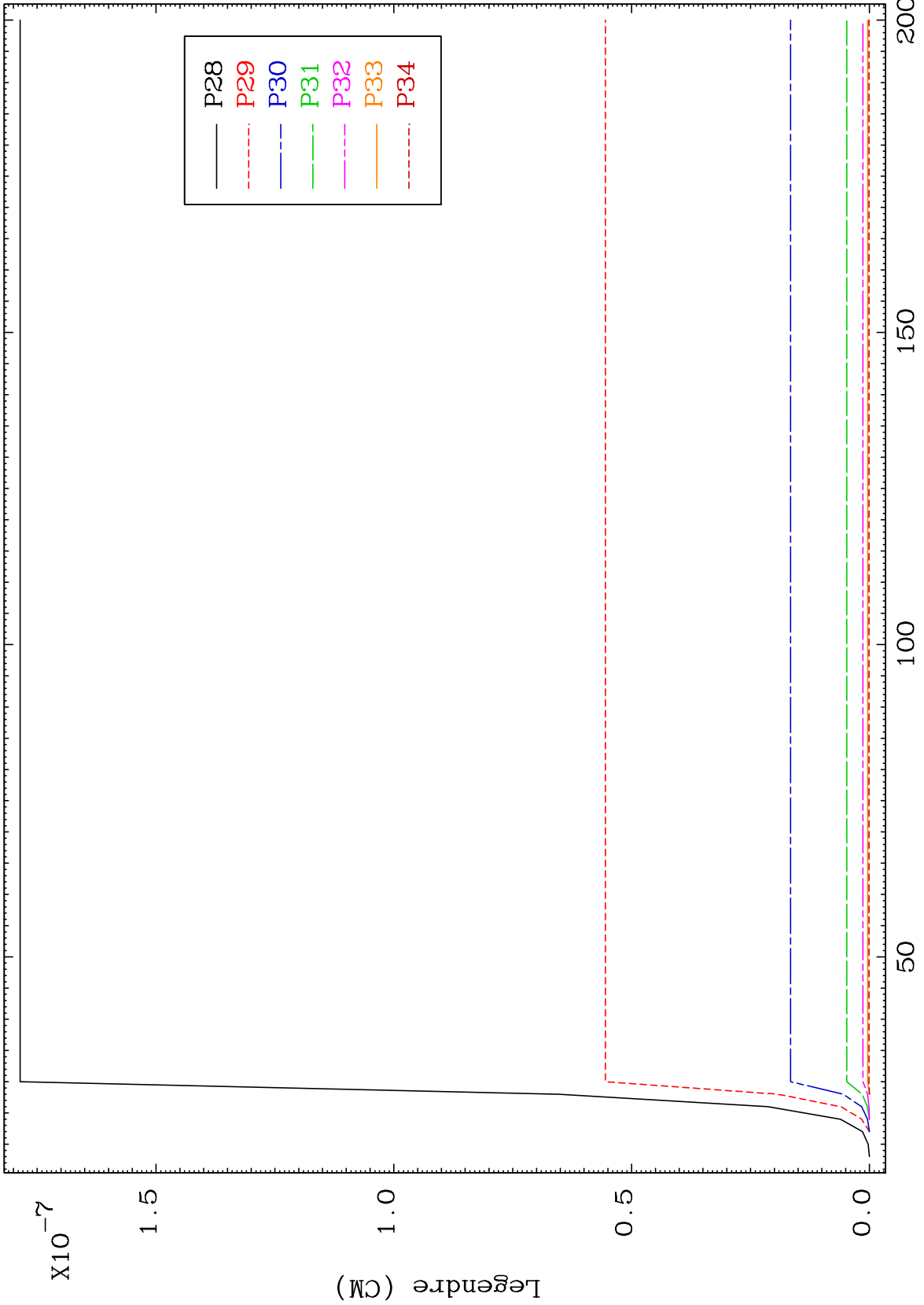
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Legendre (CM)

MAT 3425

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

34-Se-74



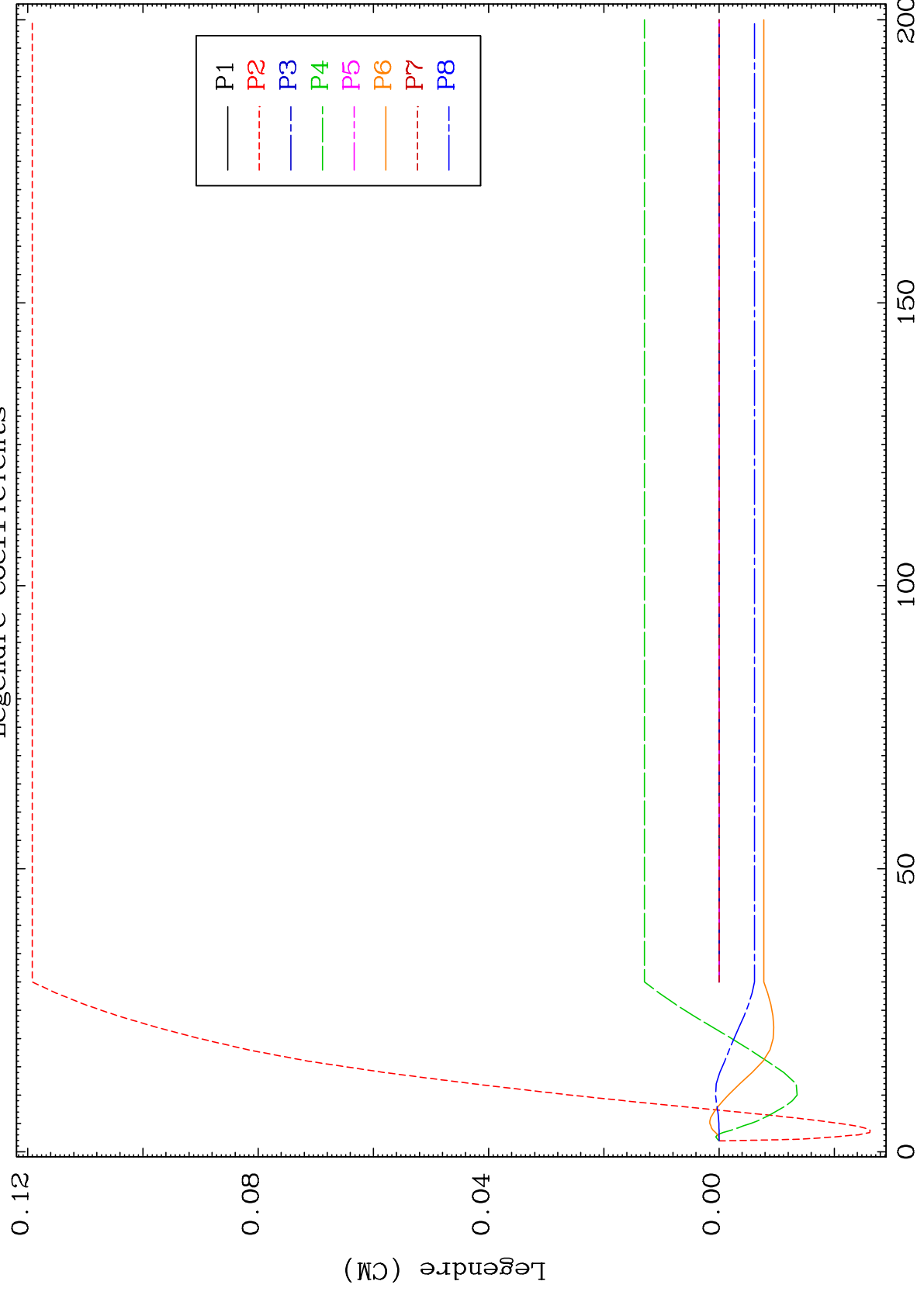
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34-Se-74

MAT 3425 MT= 57 (n,n') Level Legendre Coefficients

34-Se-74

34-Se-74

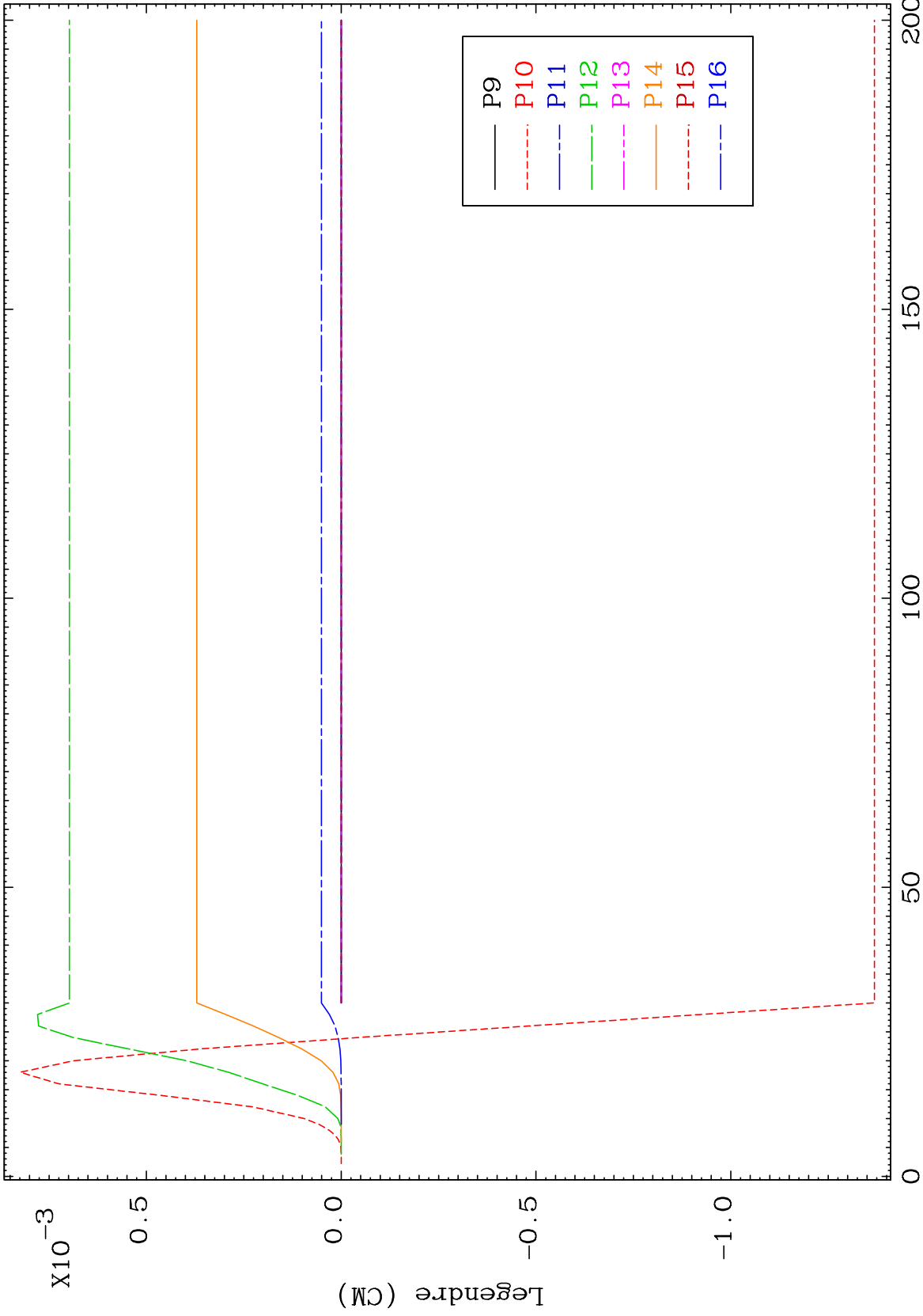


42

MAT 3425

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

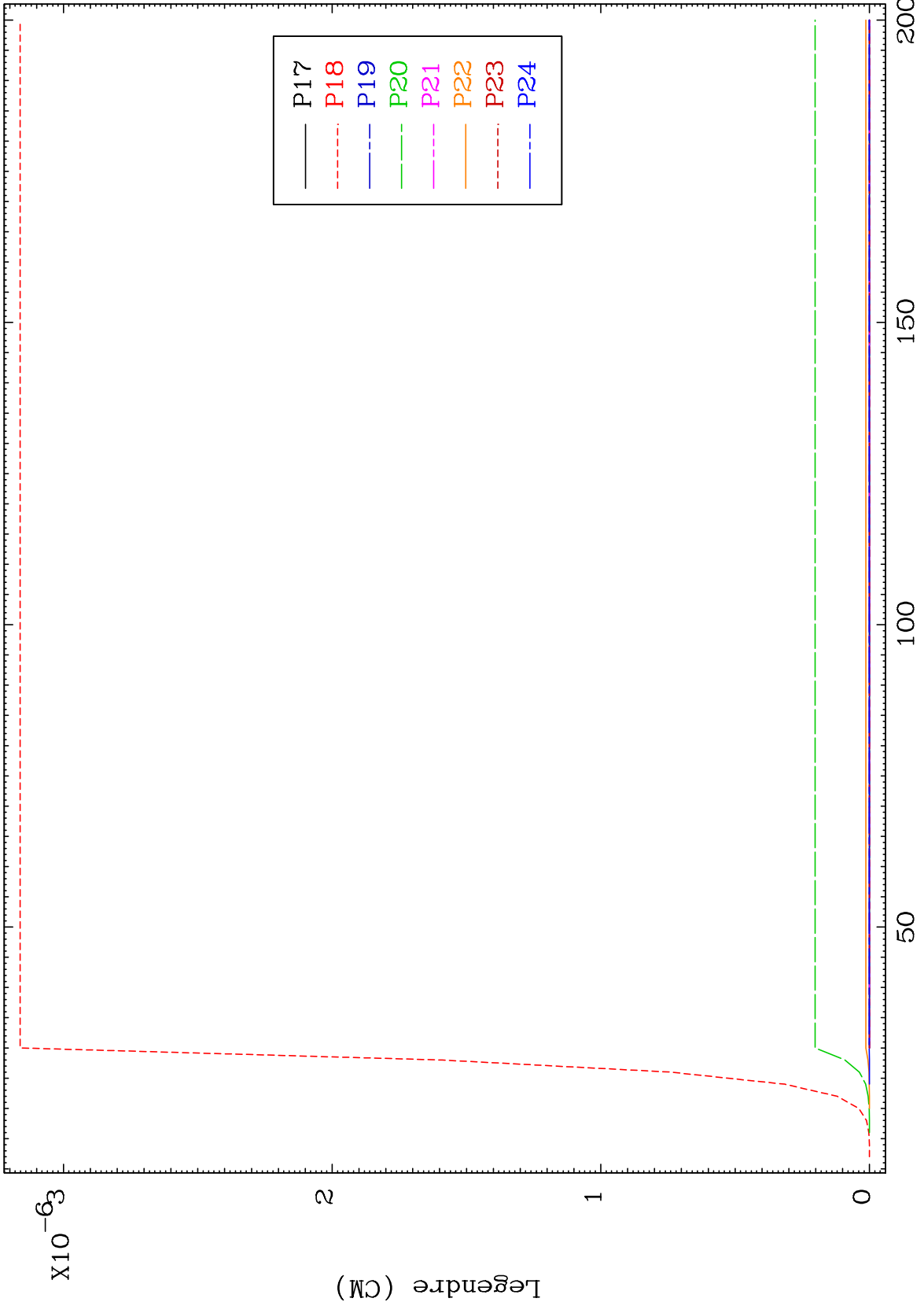
<sup>34</sup>Se-74



43

<sup>34</sup>Se-74

MAT 3425 MT= 57 (n,n') Level Legendre Coefficients 34-Se-74

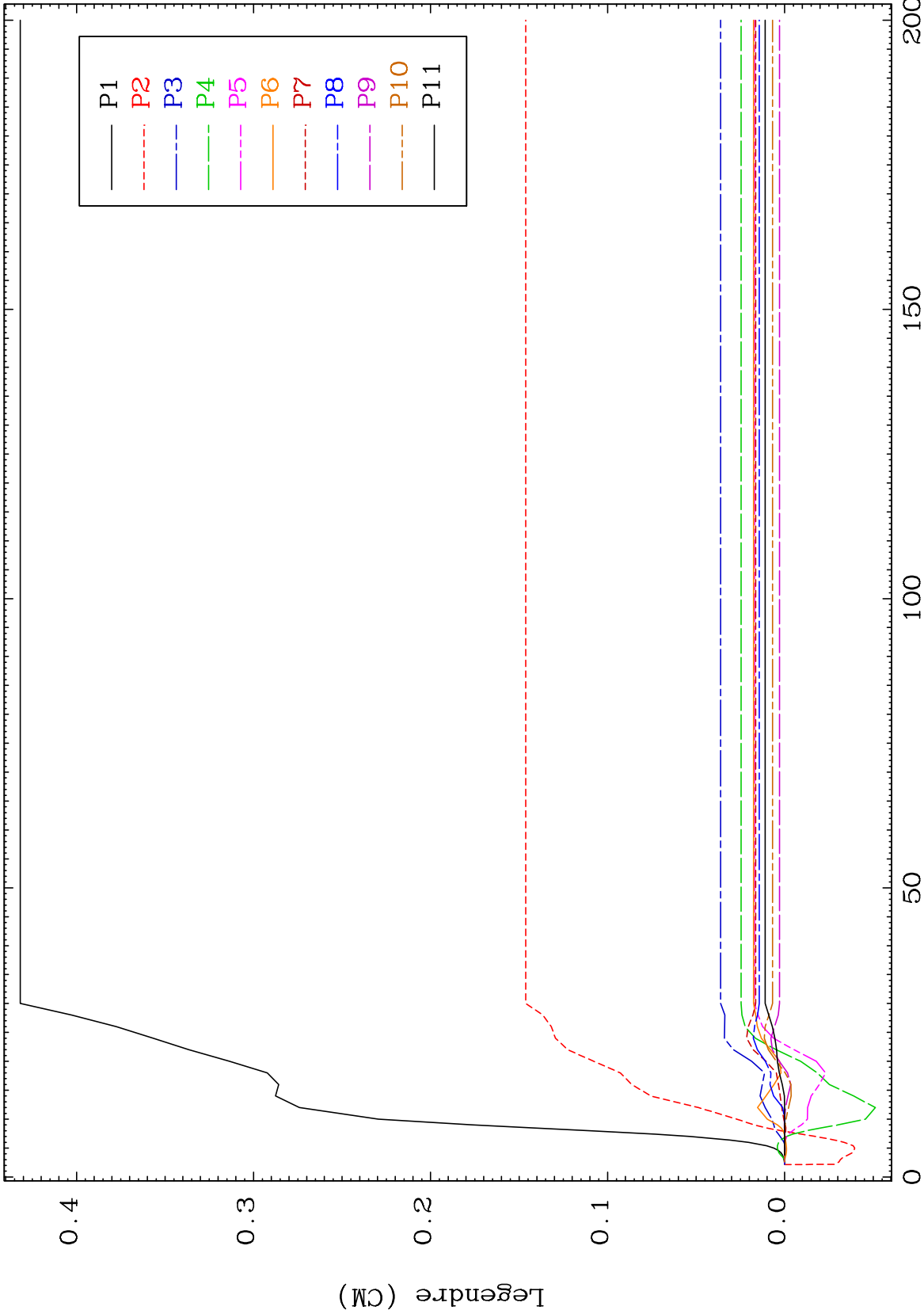


44 Incident Energy (MeV) 34-Se-74

MAT 3425

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

34-Se-74



45

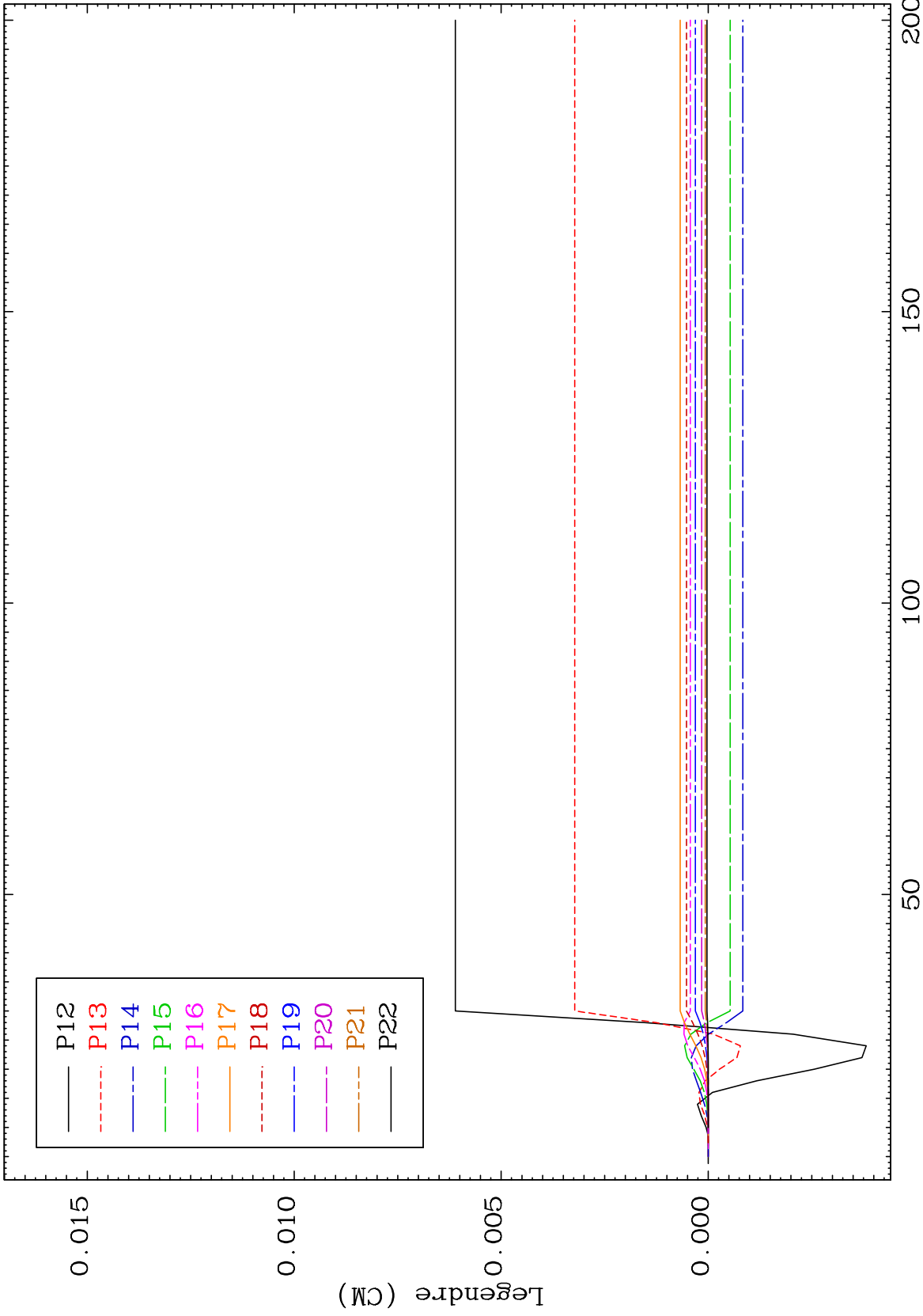
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



46

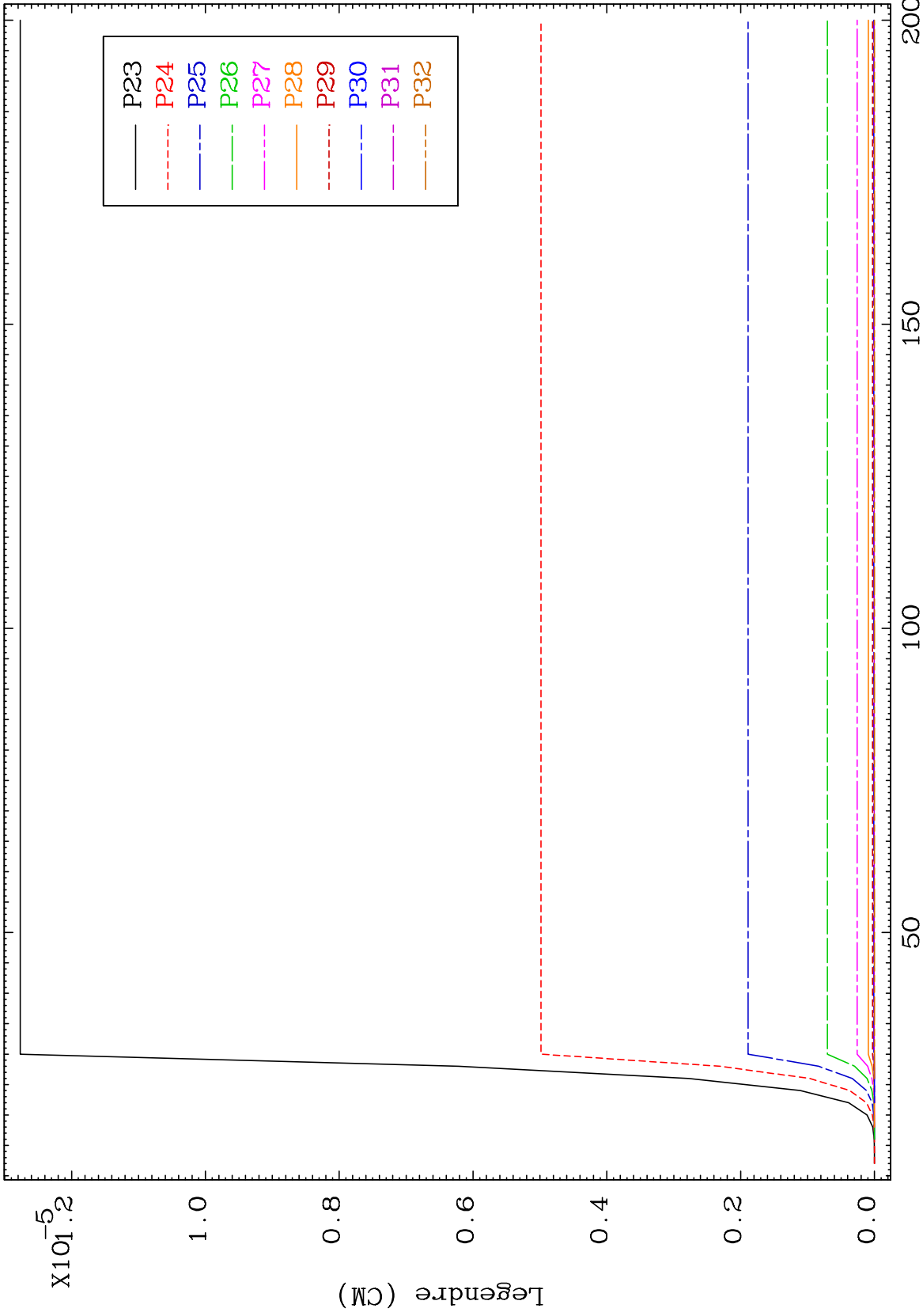
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



47

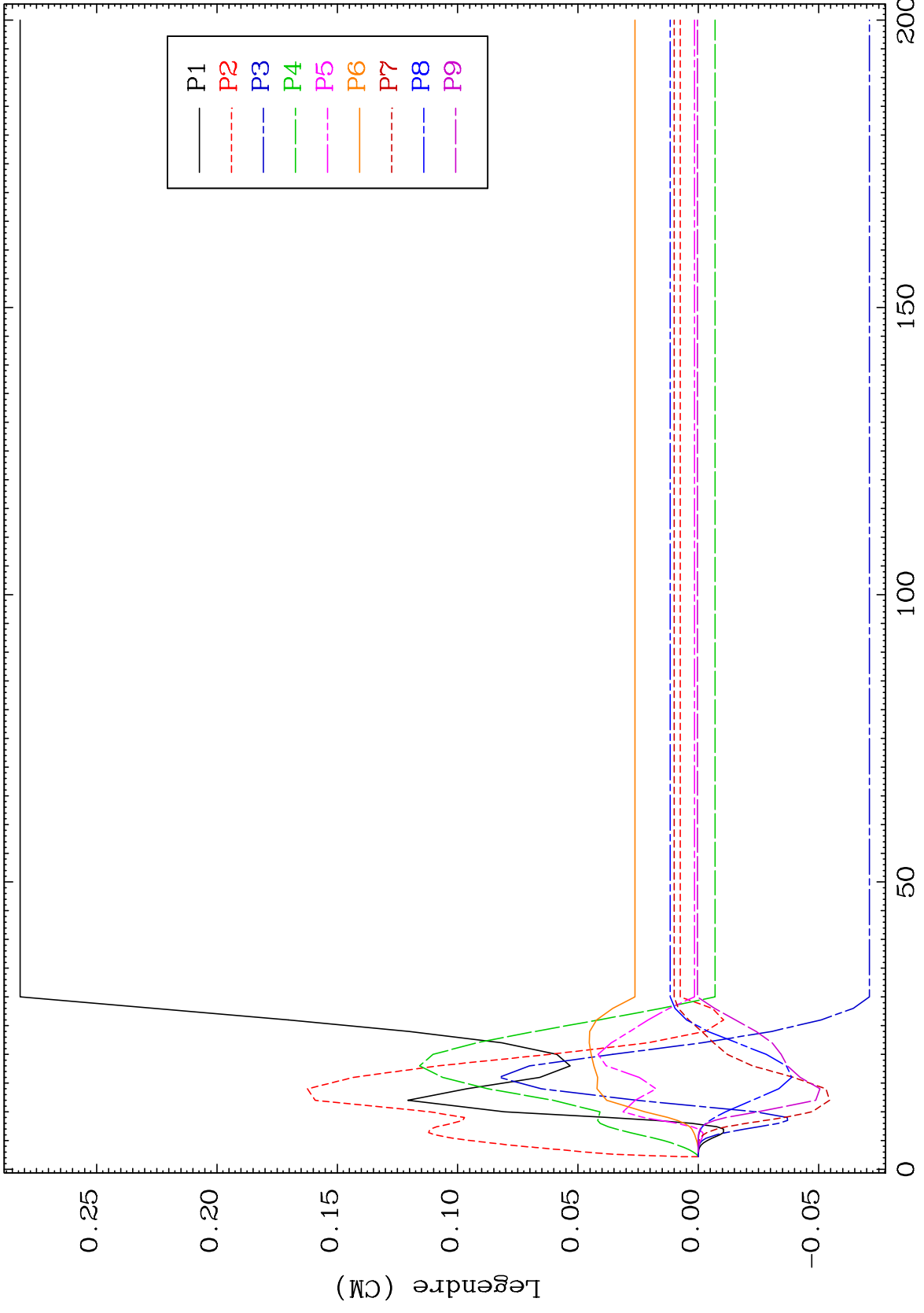
Incident Energy (MeV)

34-Se-74

MAT 3425

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

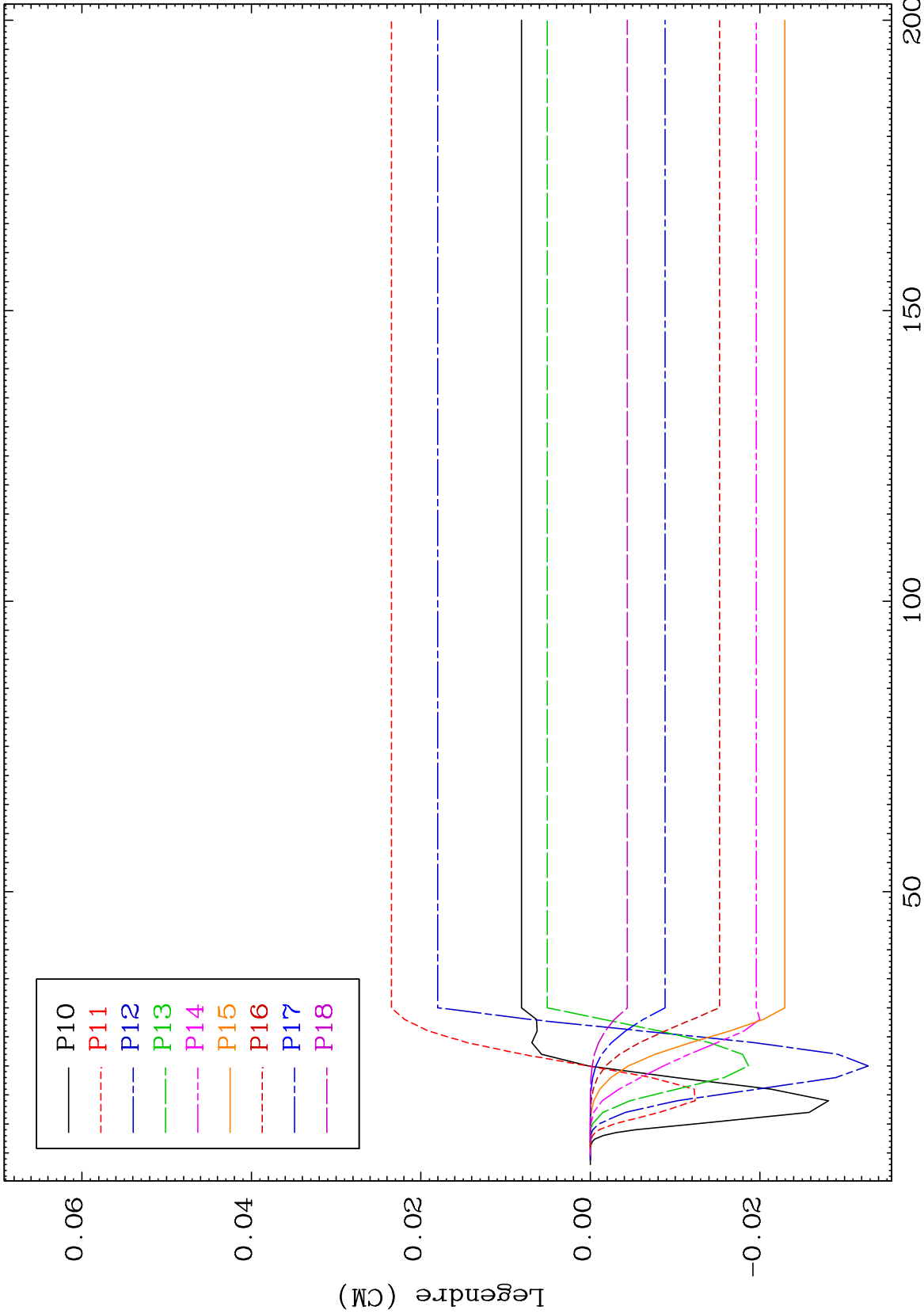
34-Se-74



48

Incident Energy (MeV)

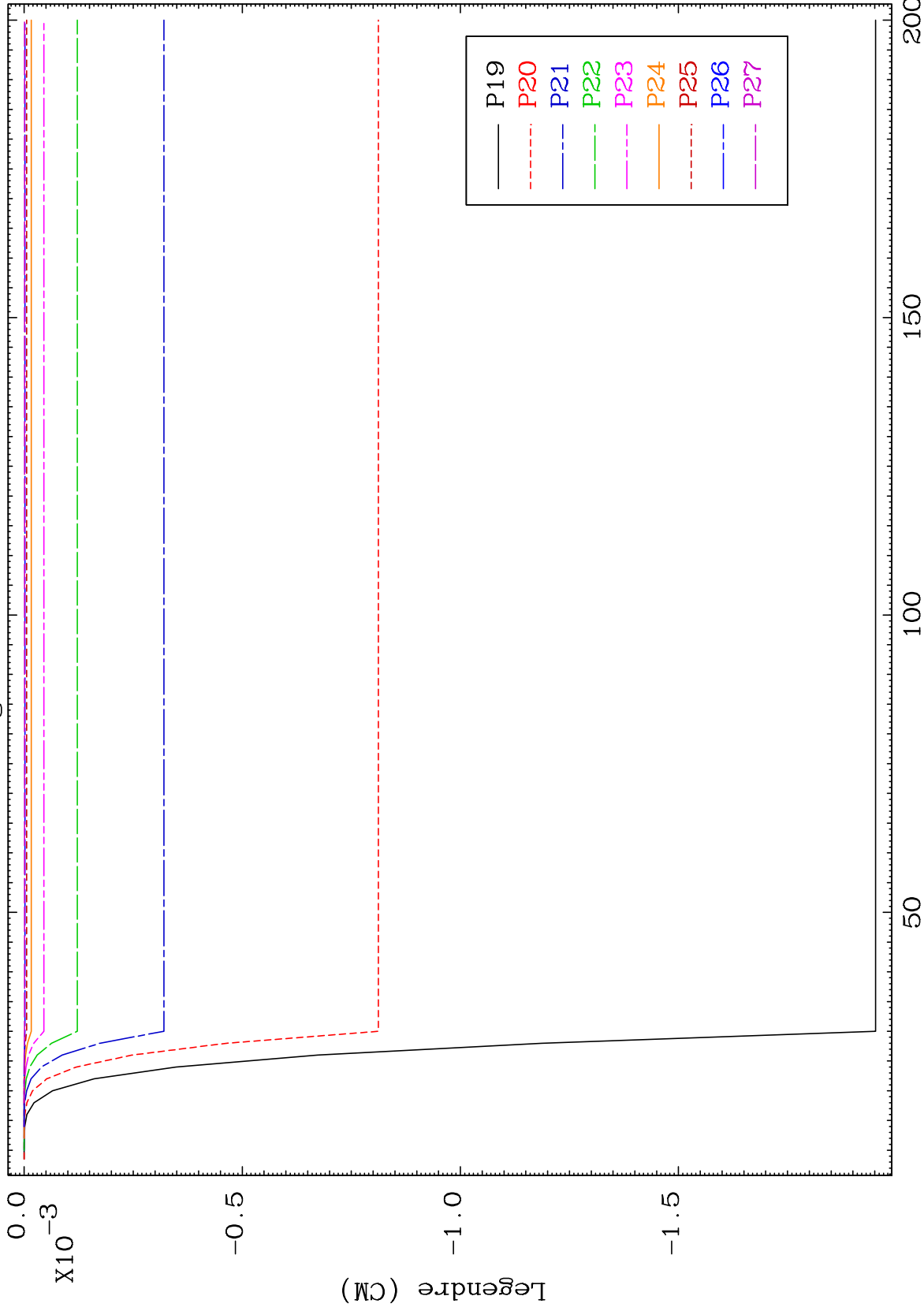
34-Se-74



MAT 3425

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

34-Se-74



34-Se-74

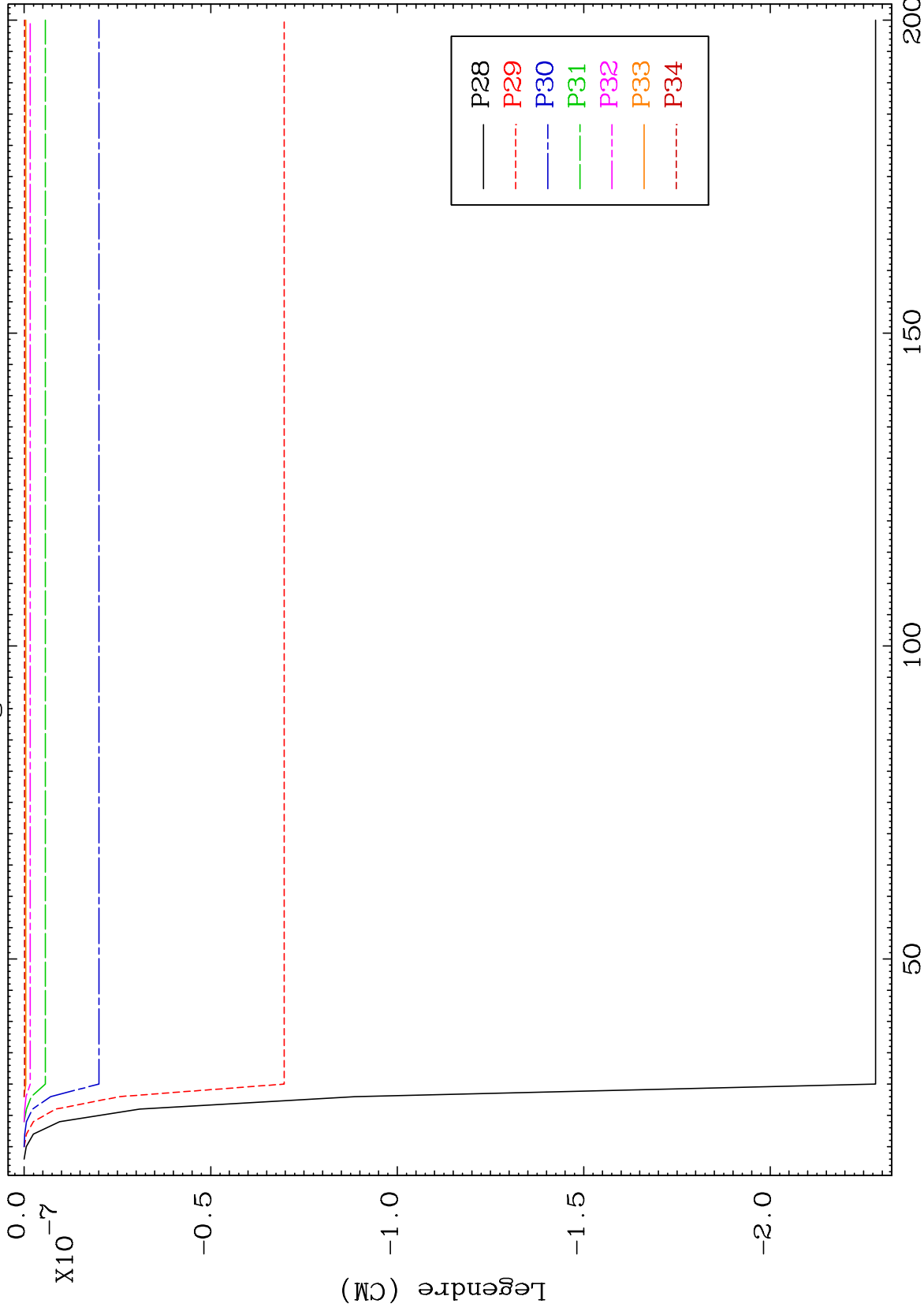
Incident Energy (MeV)

50

MAT 3425

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

34-Se-74

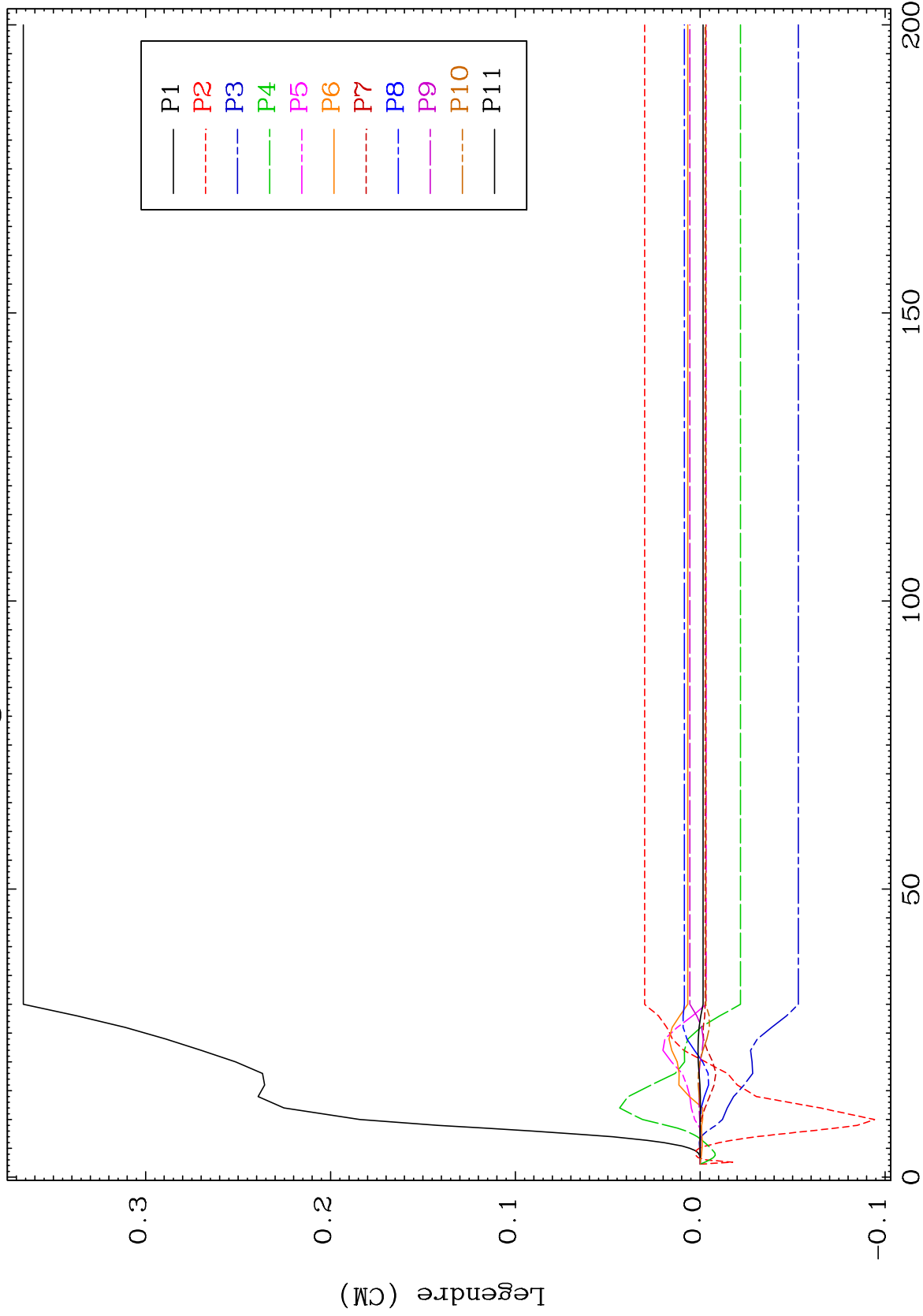


51

MAT 3425

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

34-Se-74

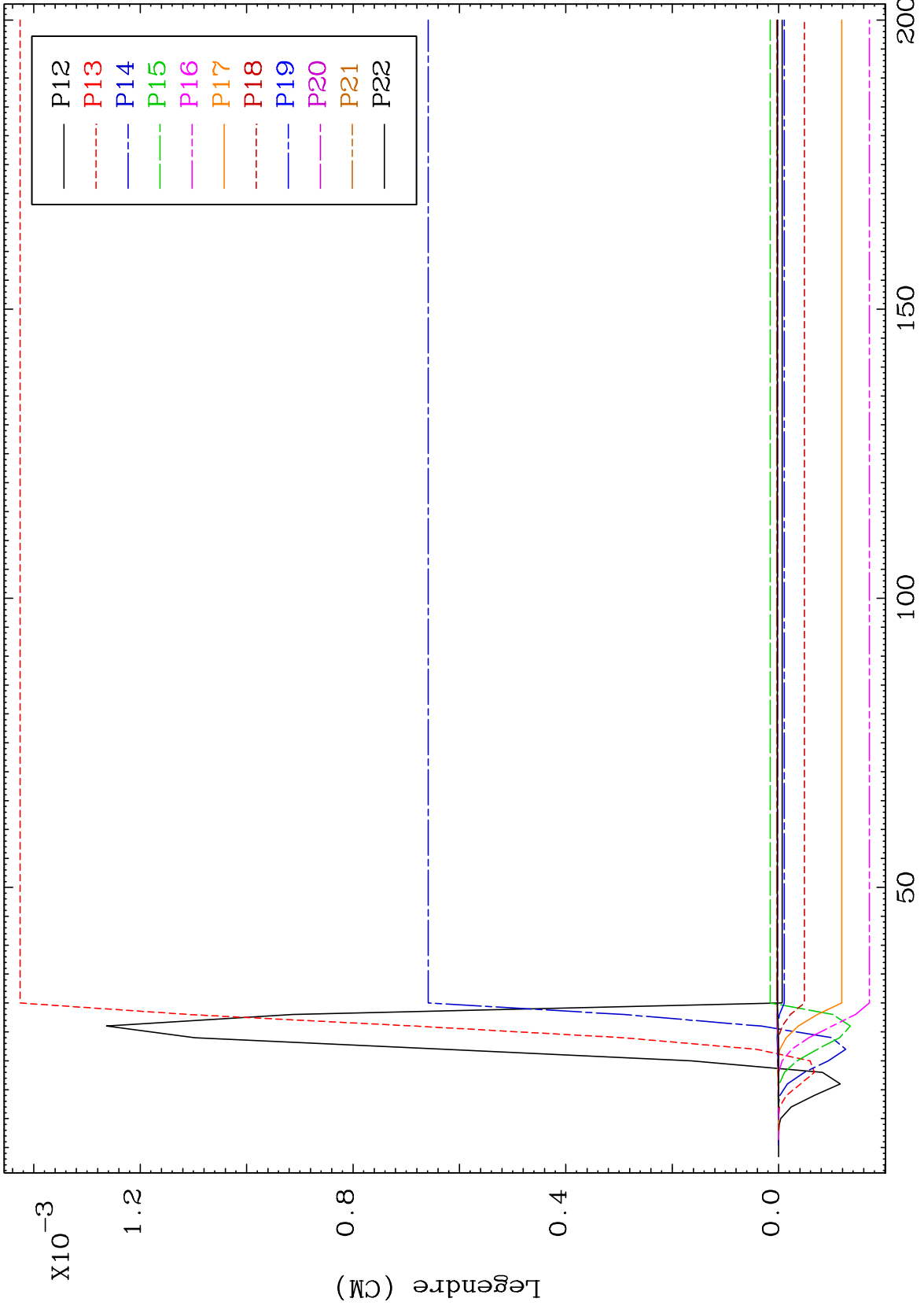


52

Incident Energy (MeV)

34-Se-74

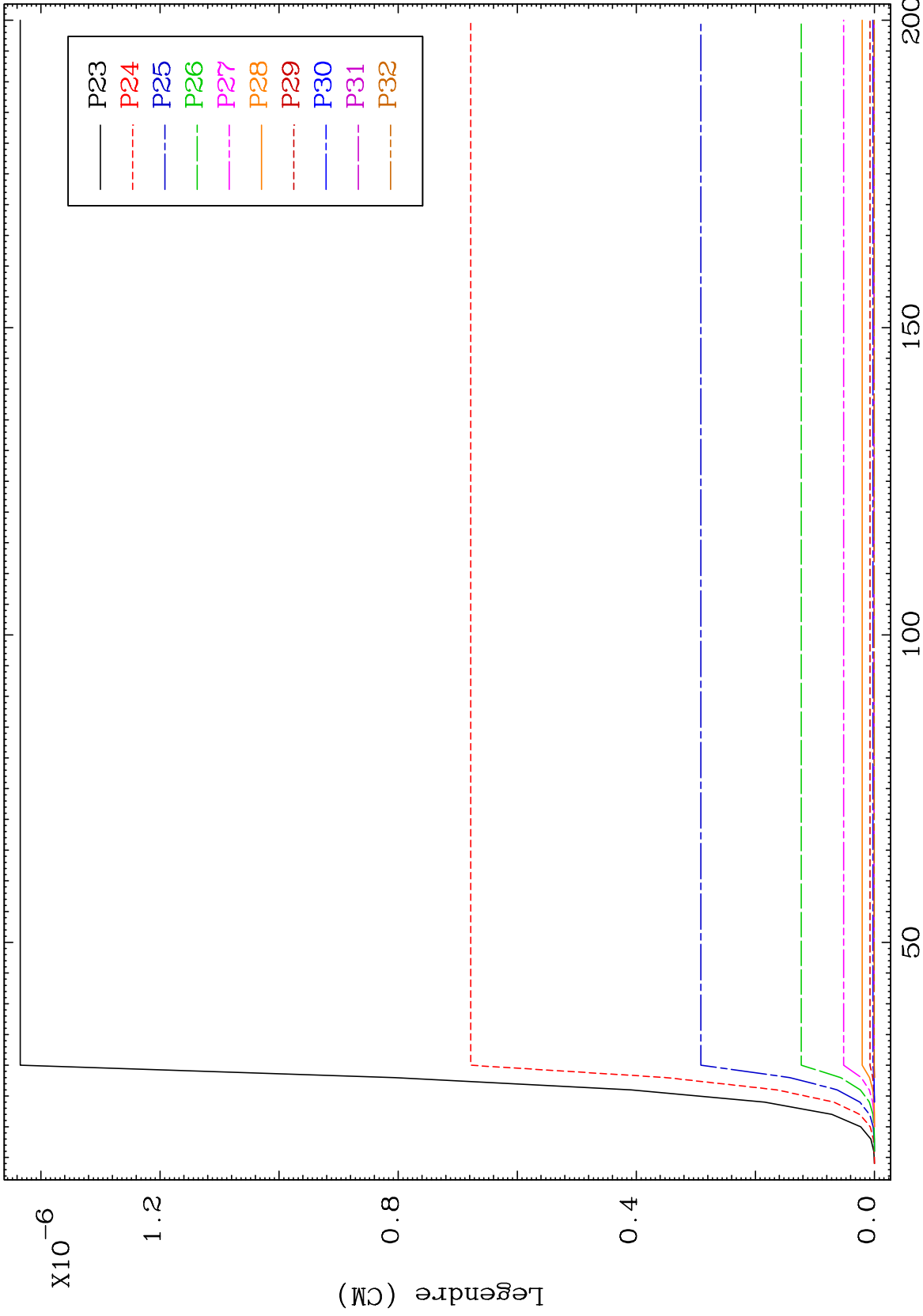
MAT 3425 MT= 60 (n,n') Level Legendre Coefficients 34-Se-74



MAT 3425

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

<sup>34</sup>Se-74



54

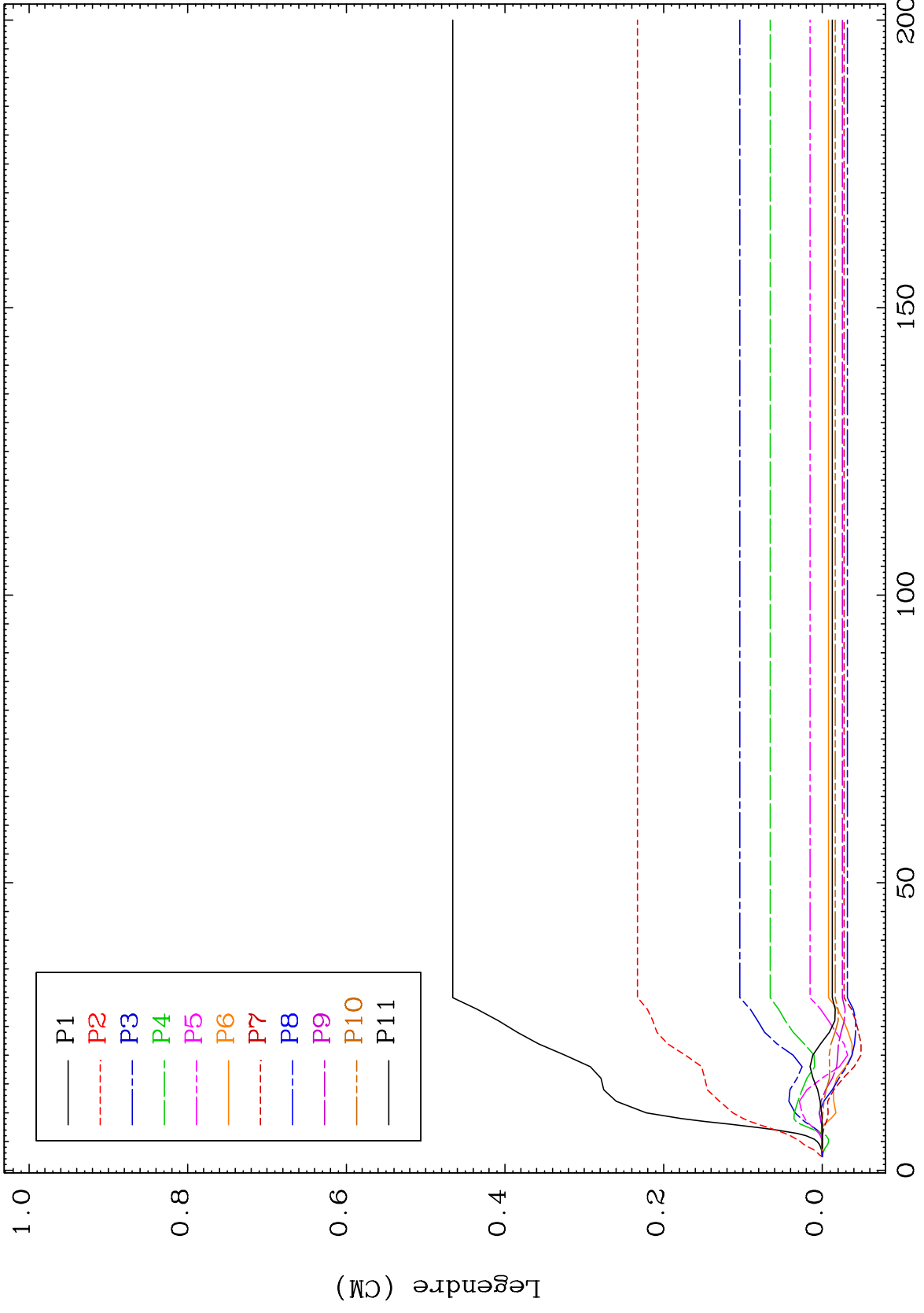
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



55

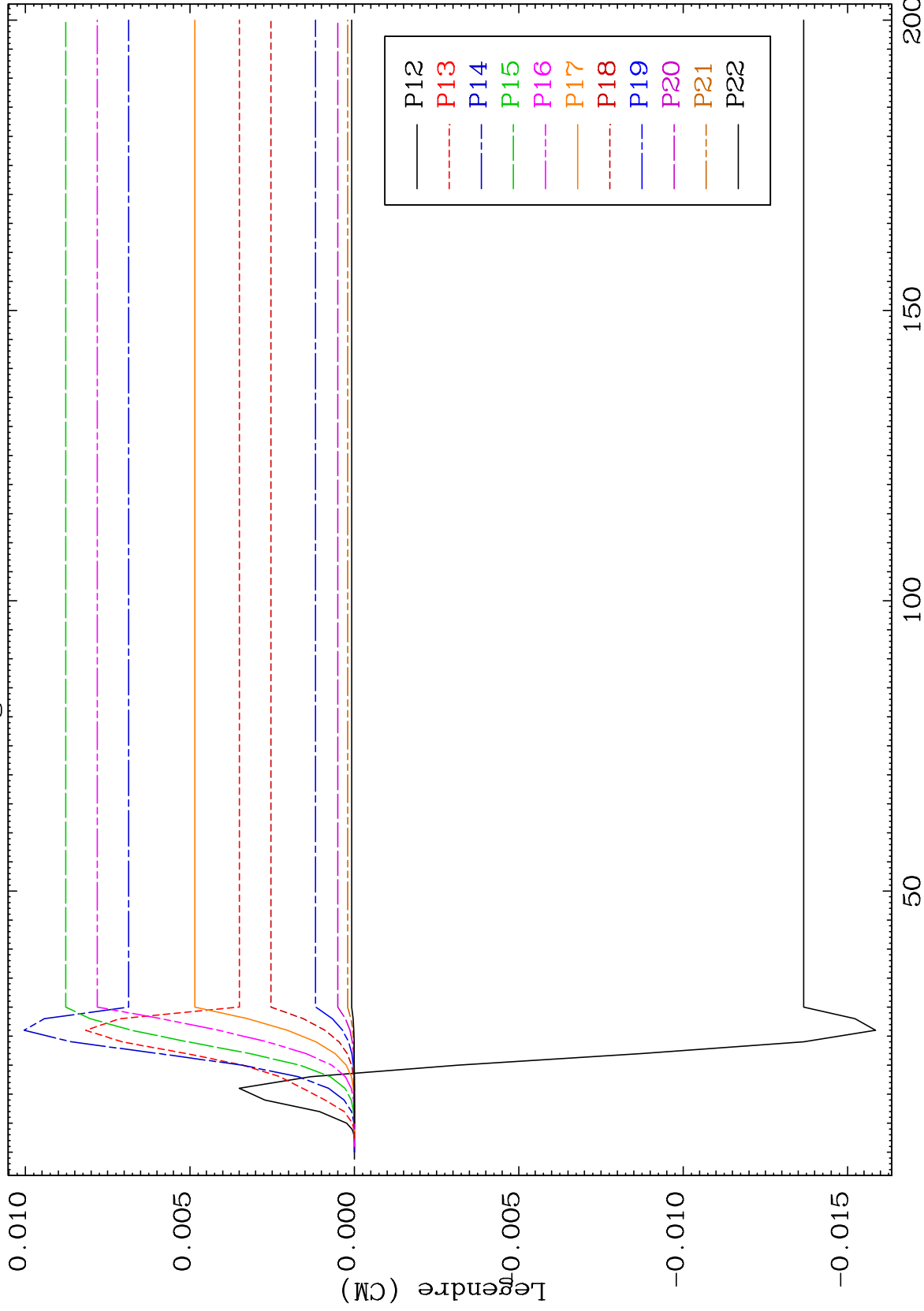
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74



56

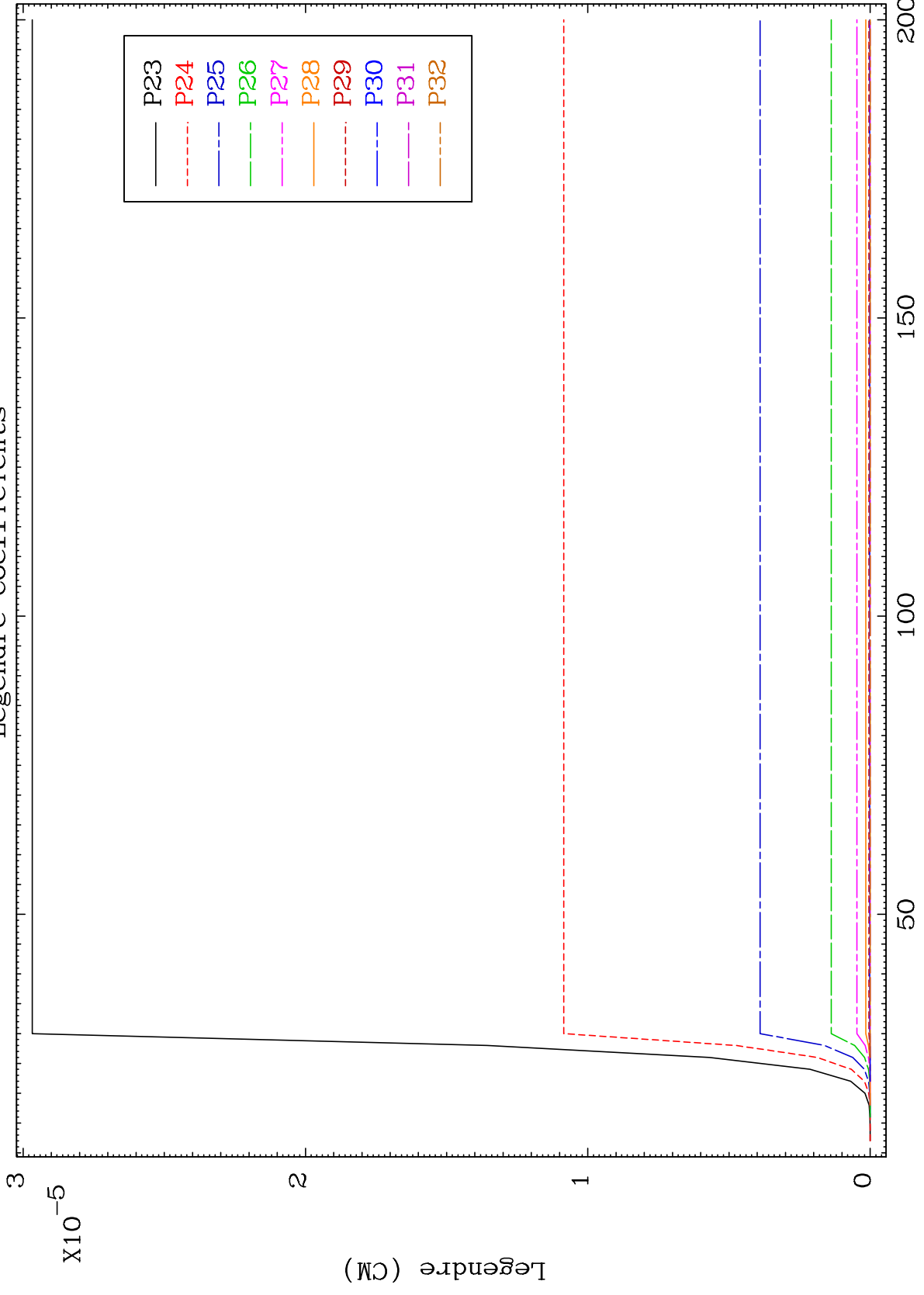
Incident Energy (MeV)

<sup>34</sup>Se-74

34-Se-74

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

MAT 3425



34-Se-74

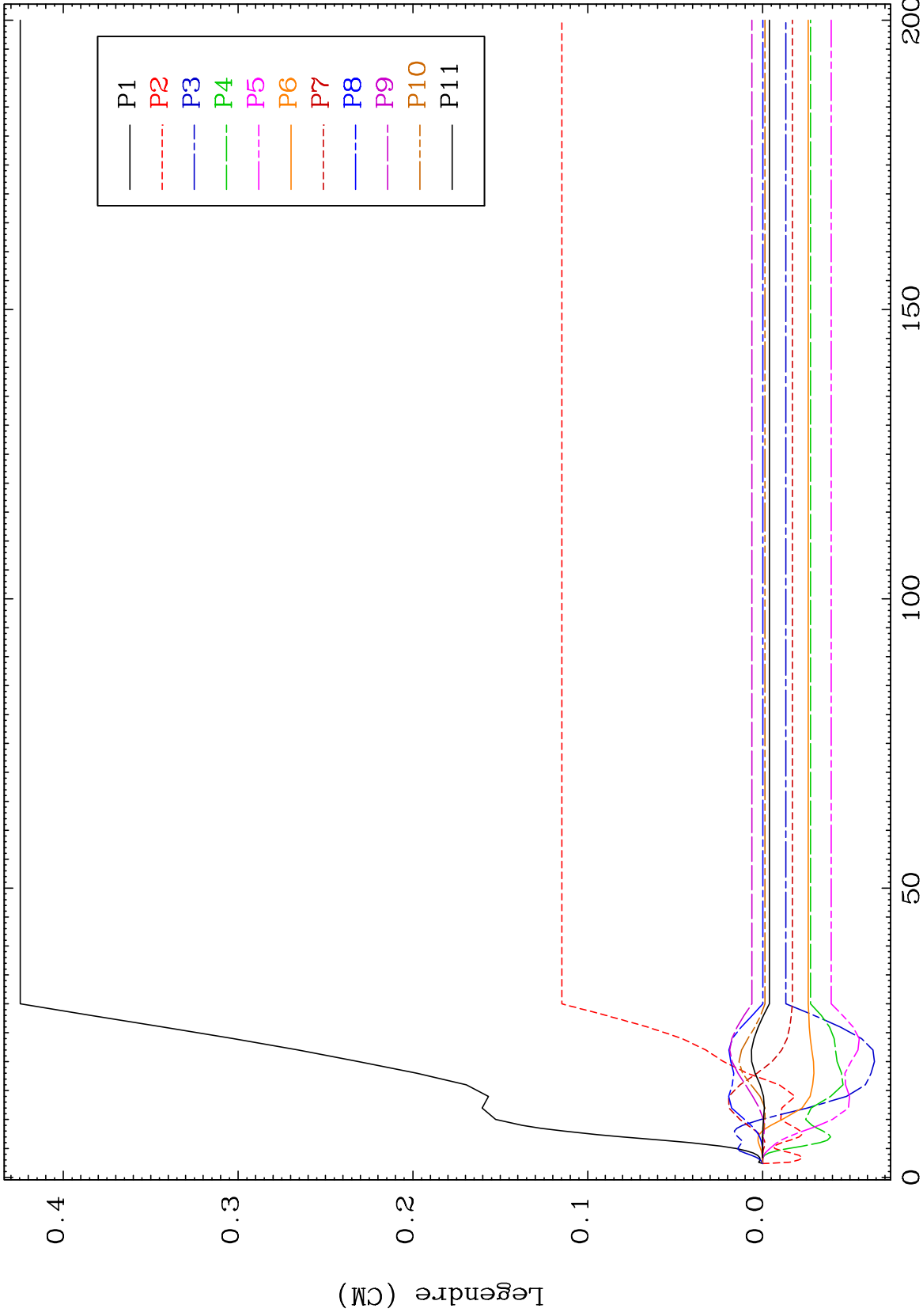
Incident Energy (MeV)

57

MAT 3425

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

<sup>34</sup>Se-74



58

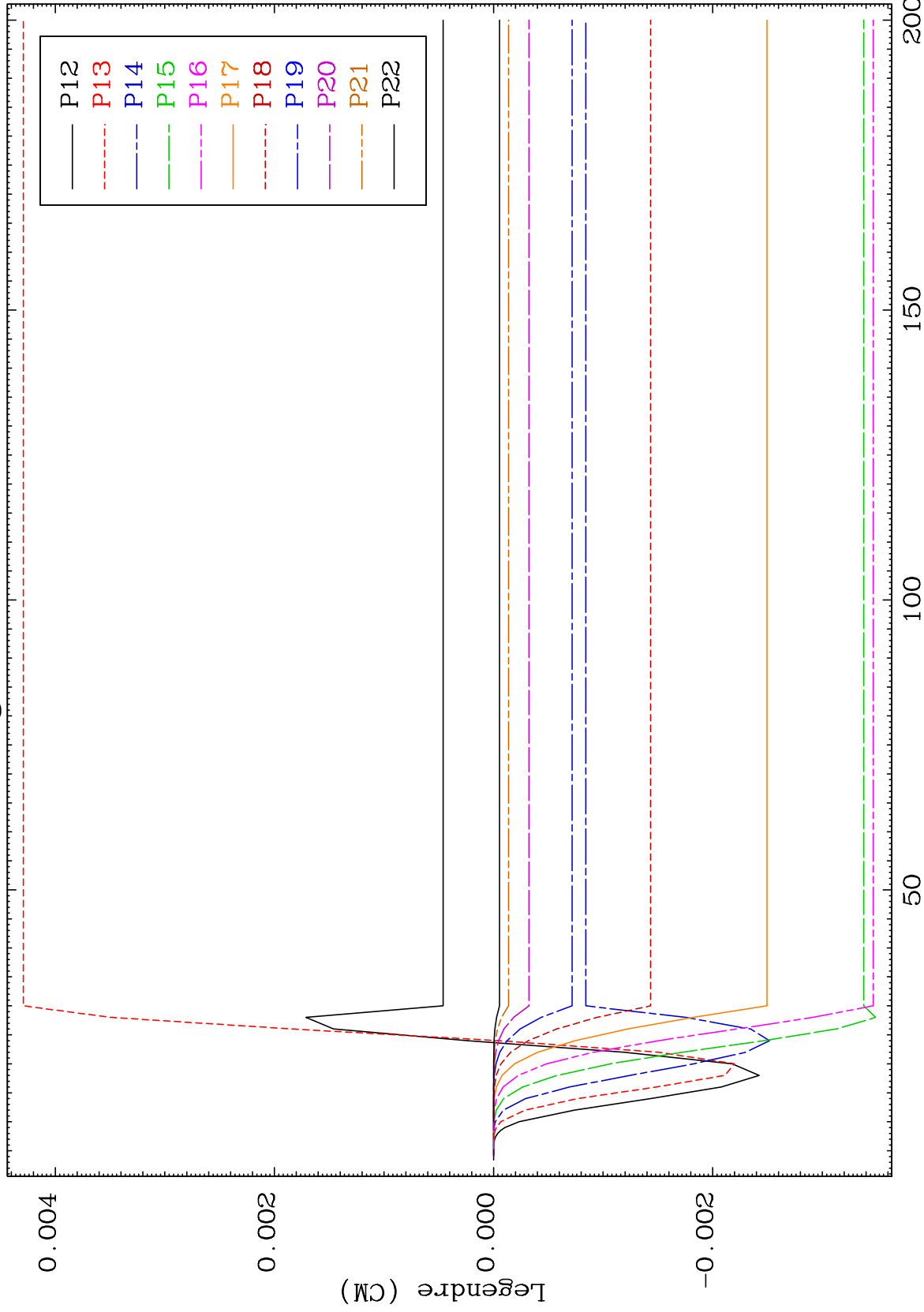
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74



59

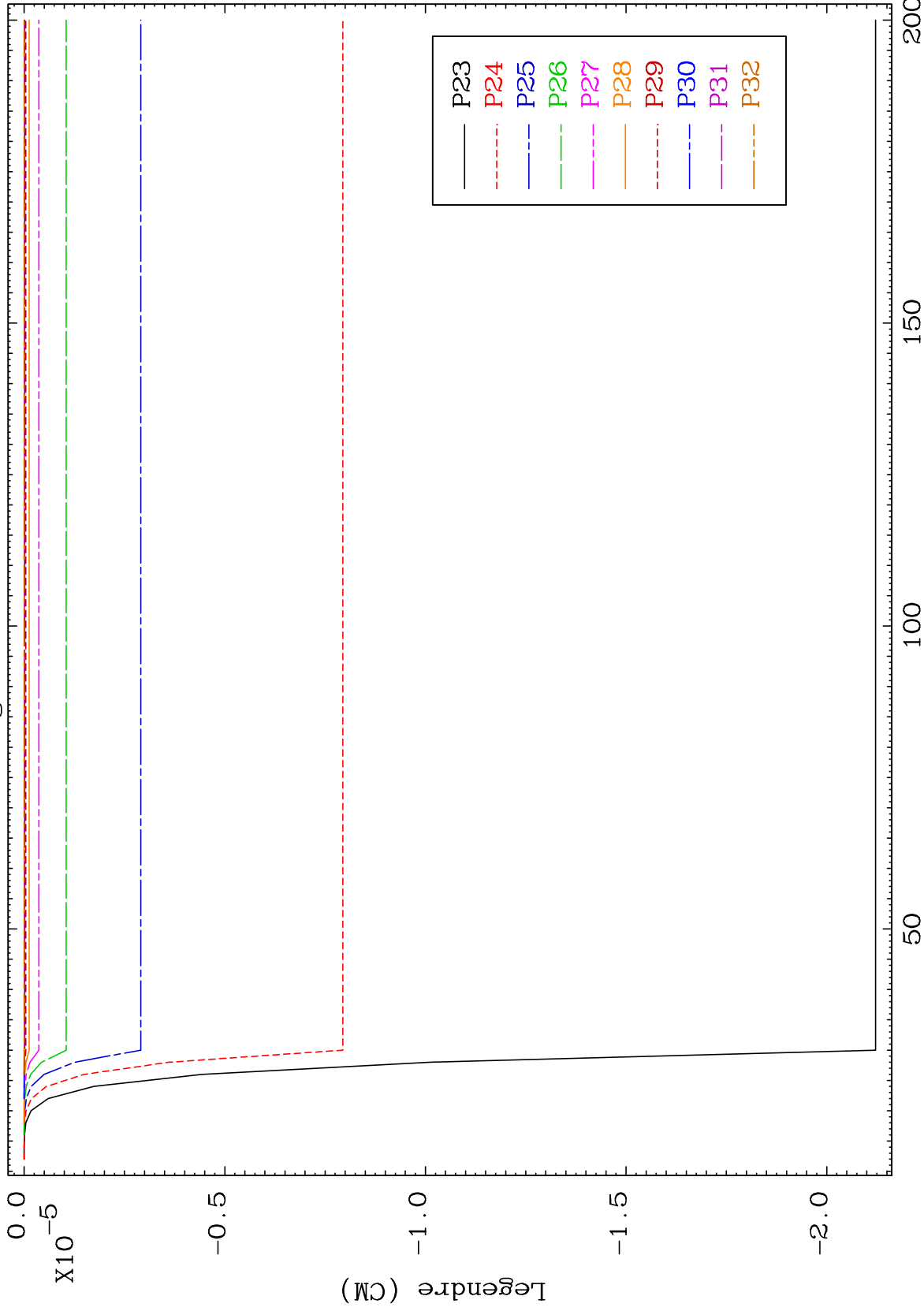
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



34-Se-74

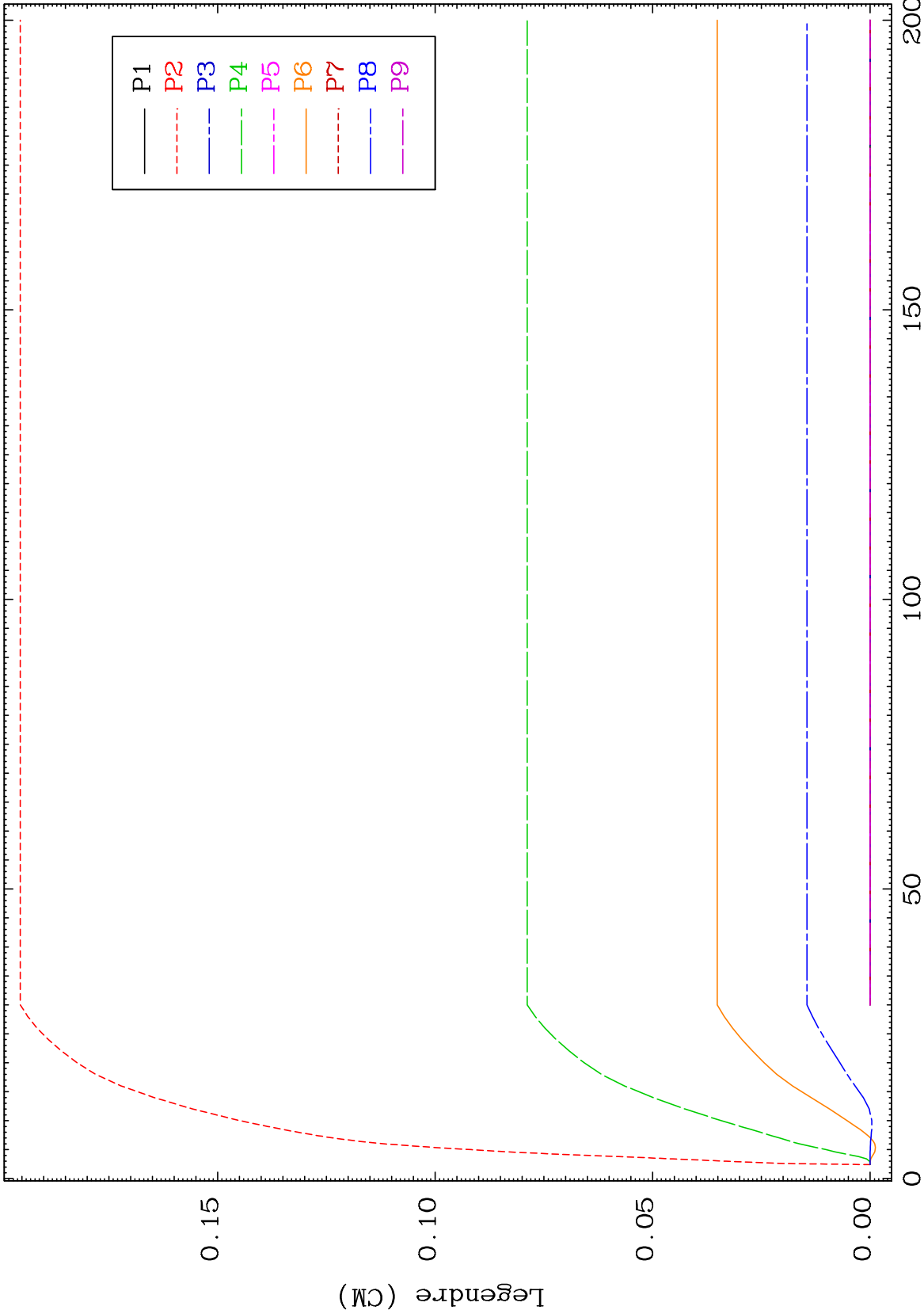
Incident Energy (MeV)

60

MAT 3425

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

34-Se-74



61

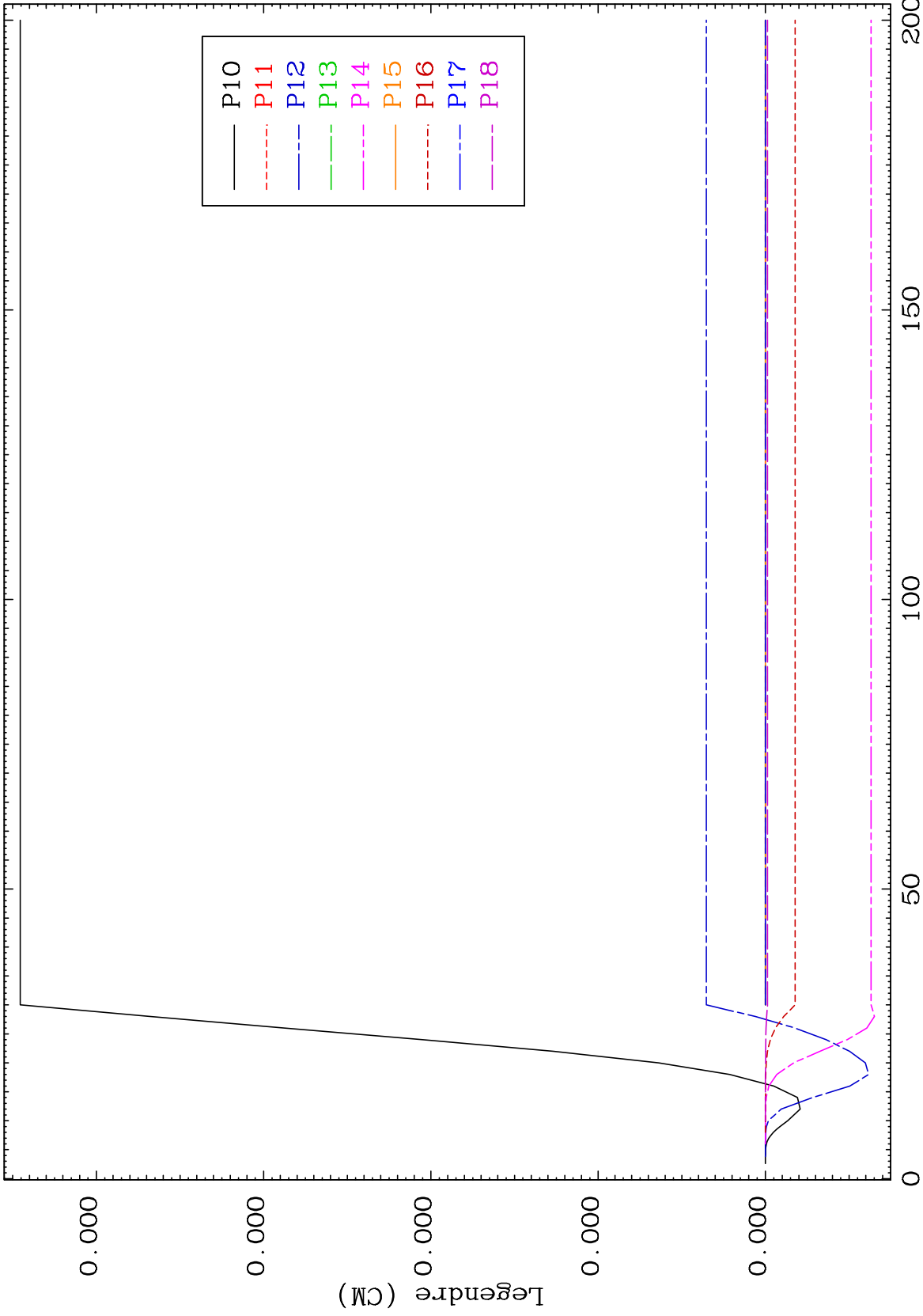
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



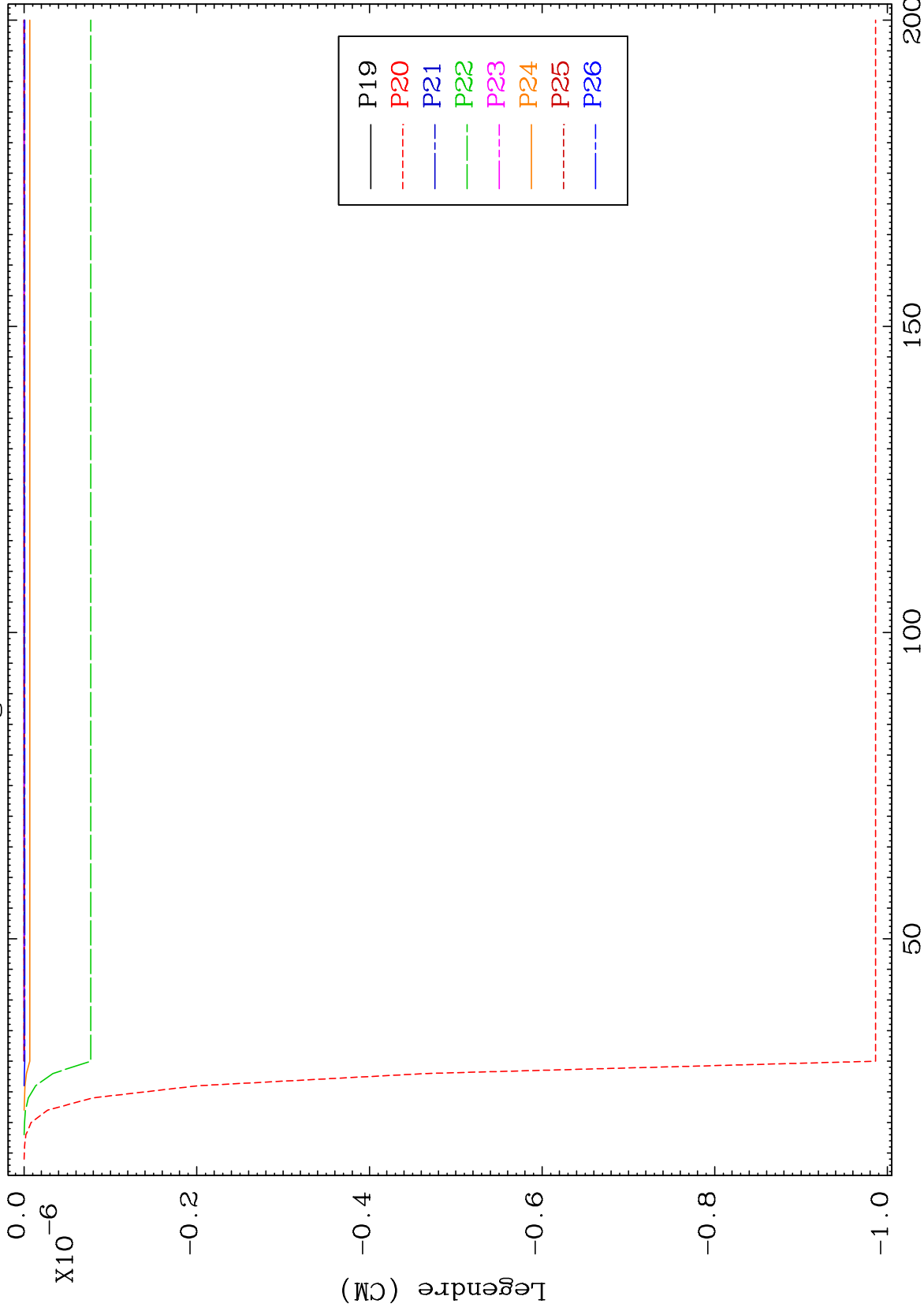
62

34-Se-74

MAT 3425

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

34-Se-74



63

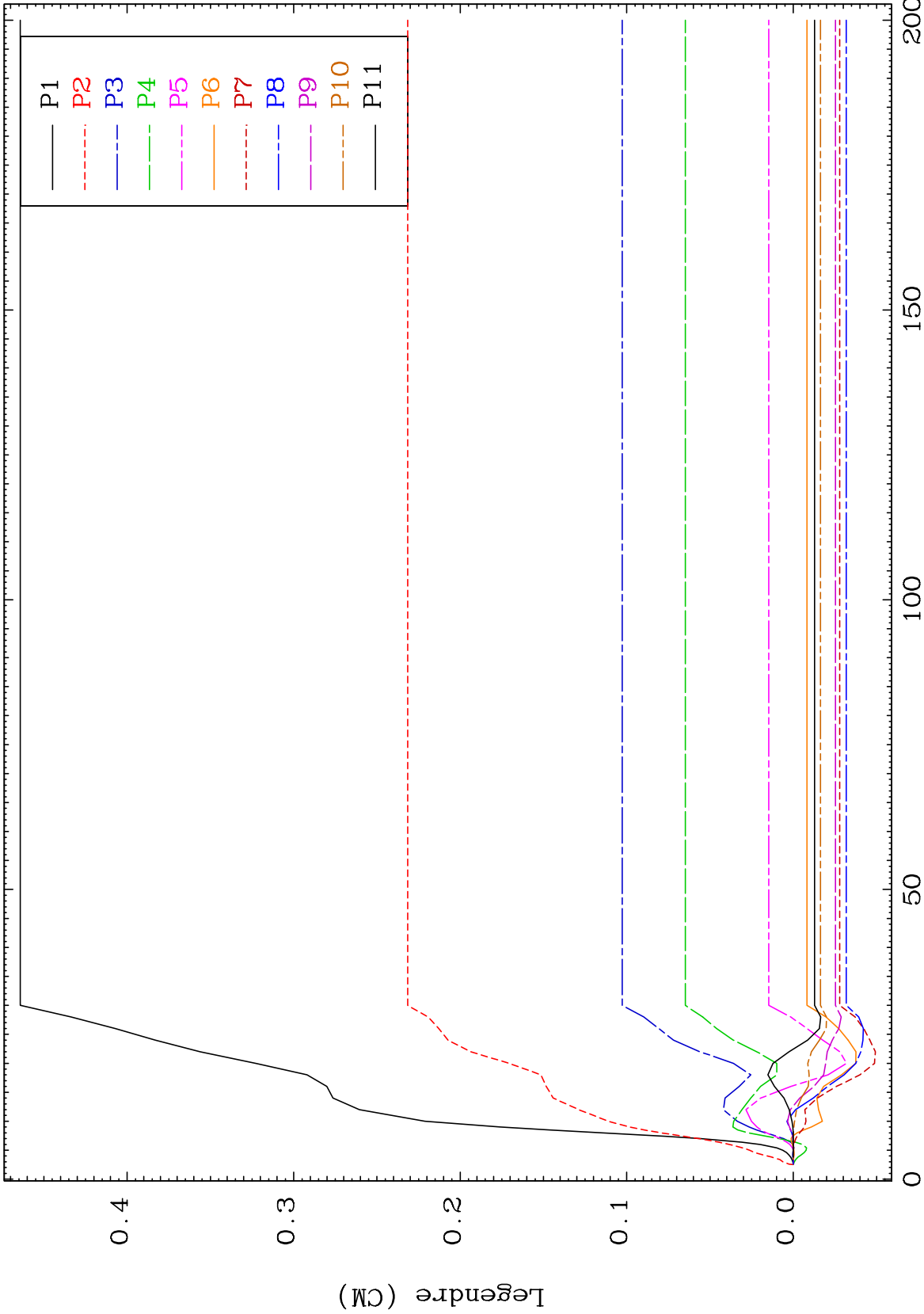
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74

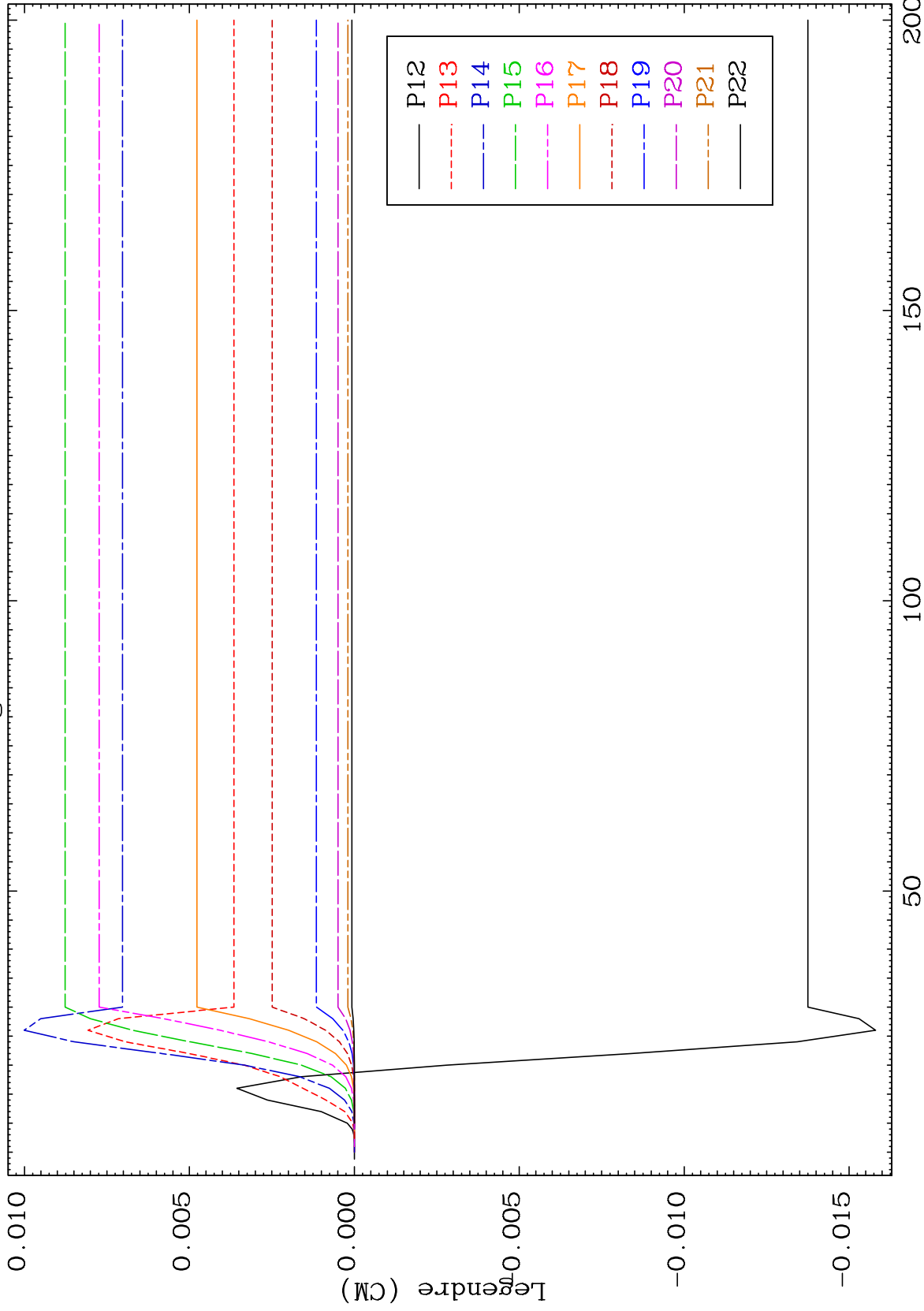


64

Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425 MT= 64 (n,n') Level Legendre Coefficients 34-Se-74

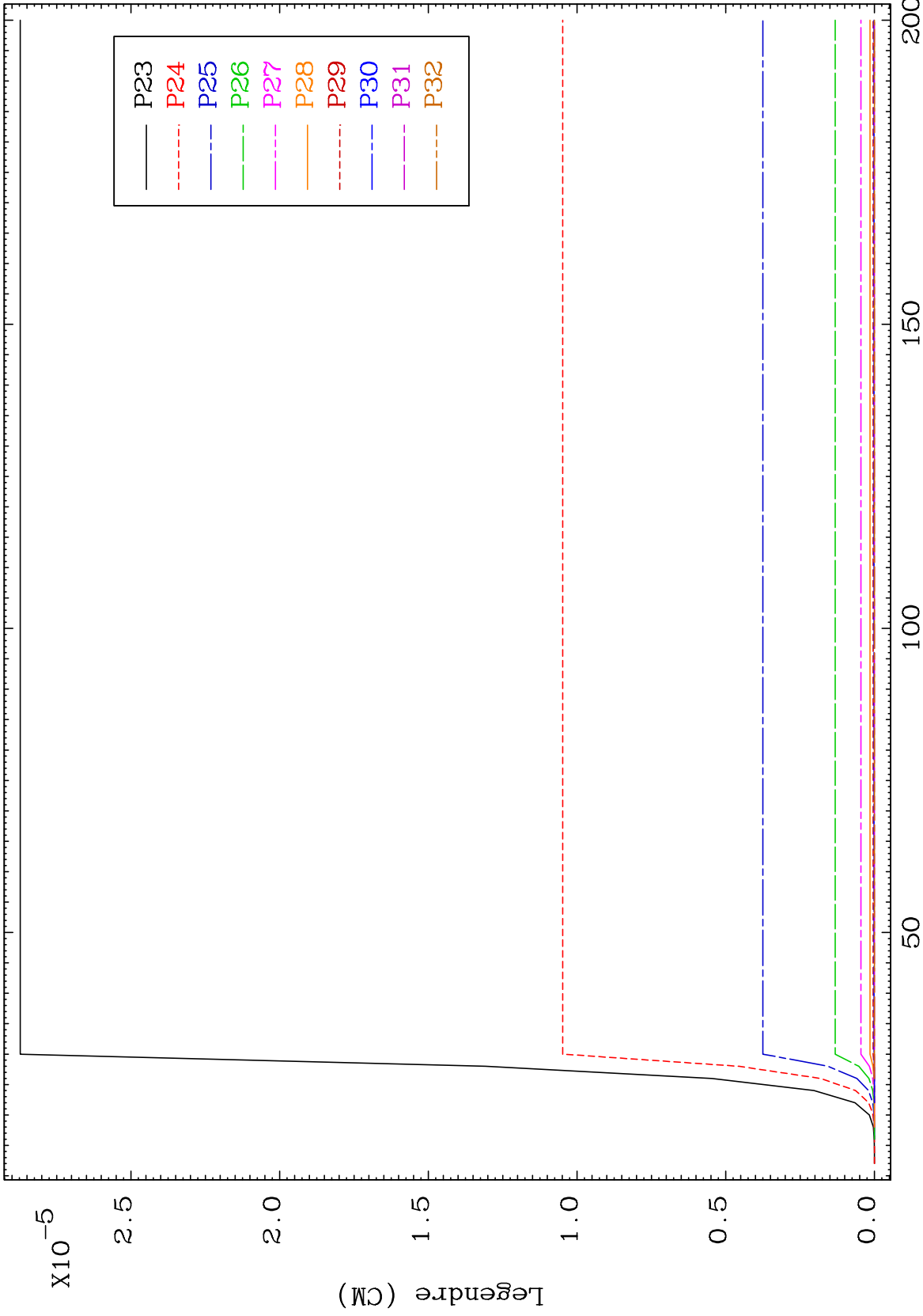


65 34-Se-74

MAT 3425

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

34-Se-74



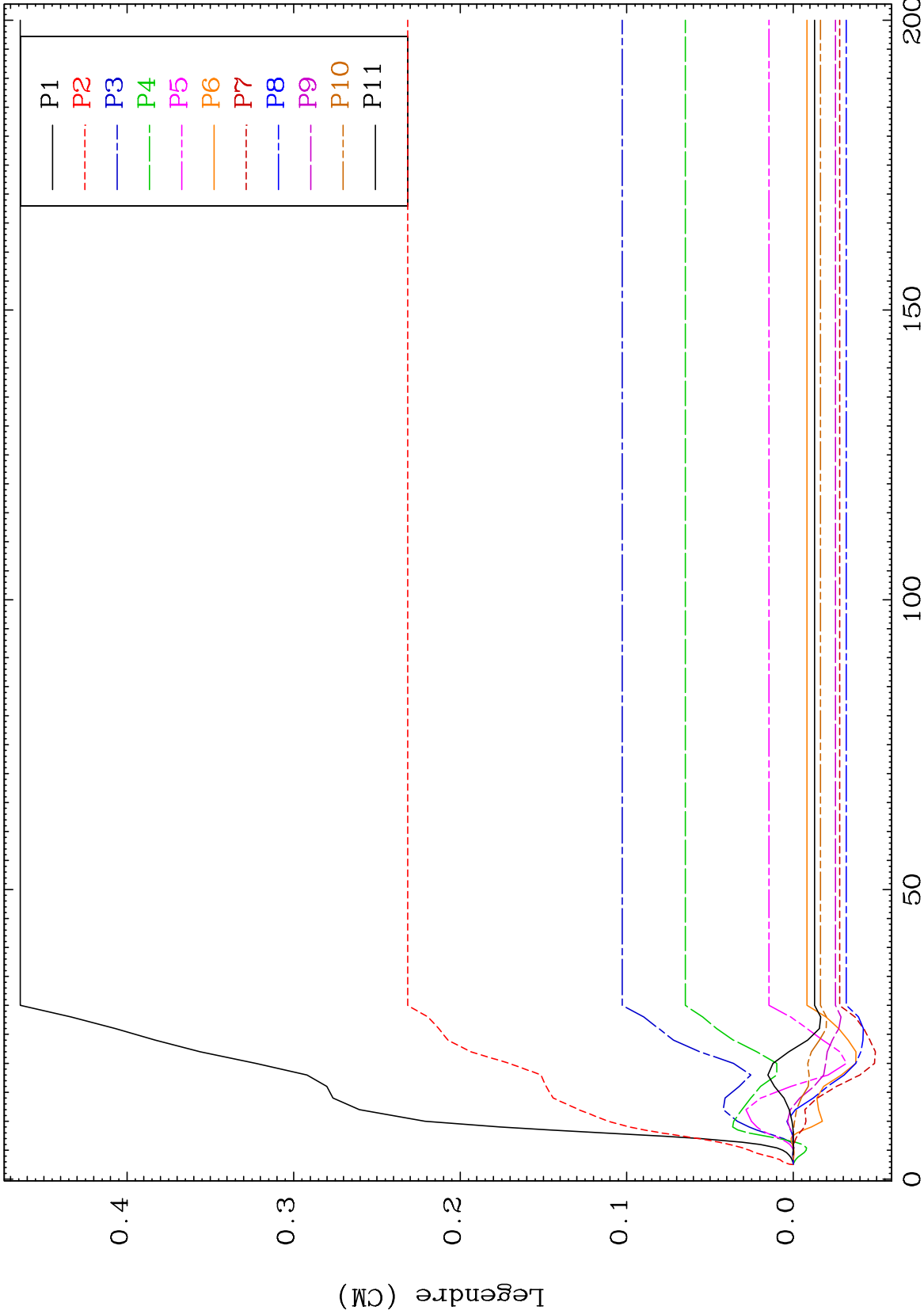
66

34-Se-74

MAT 3425

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

34-Se-74



67

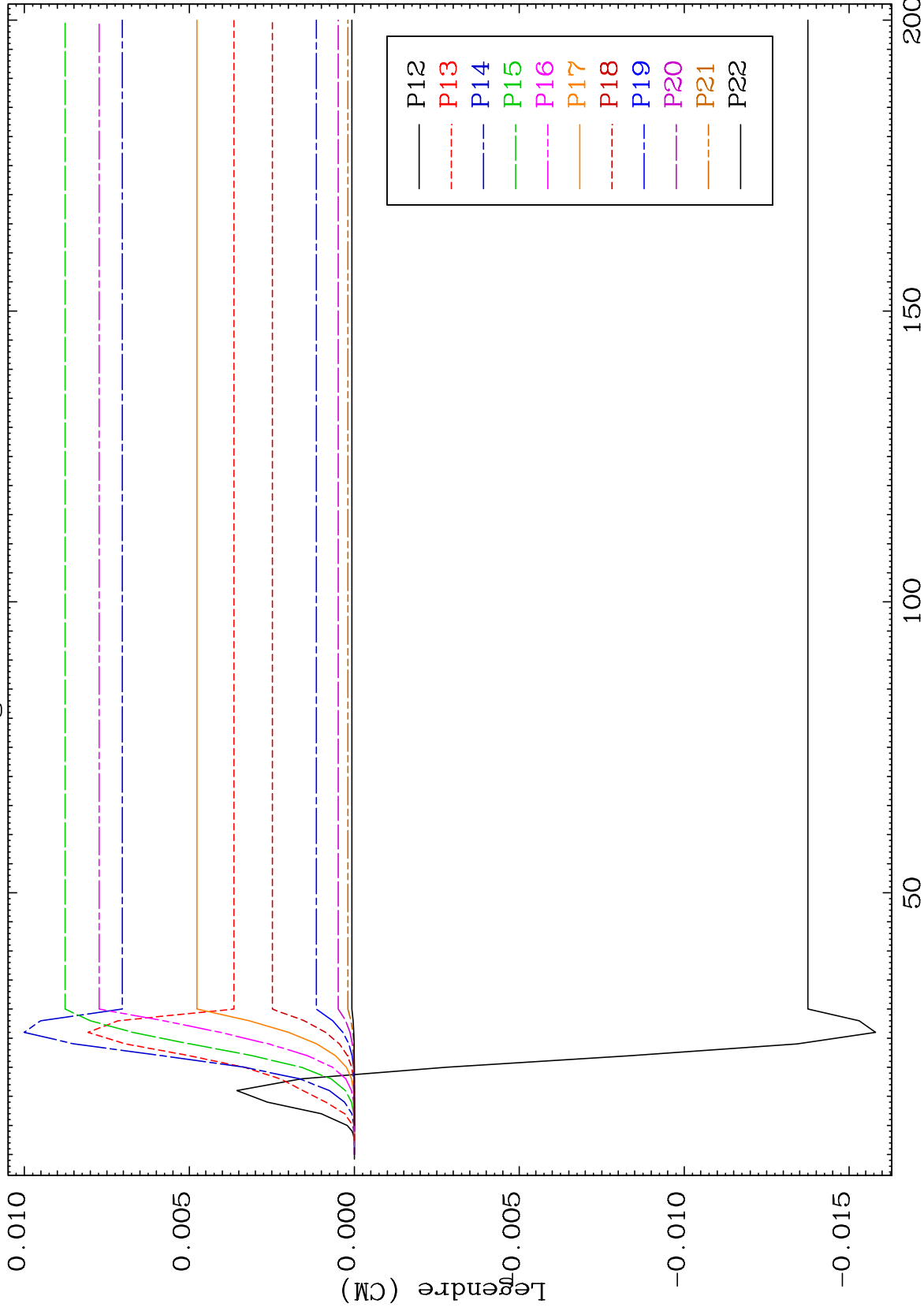
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74



68

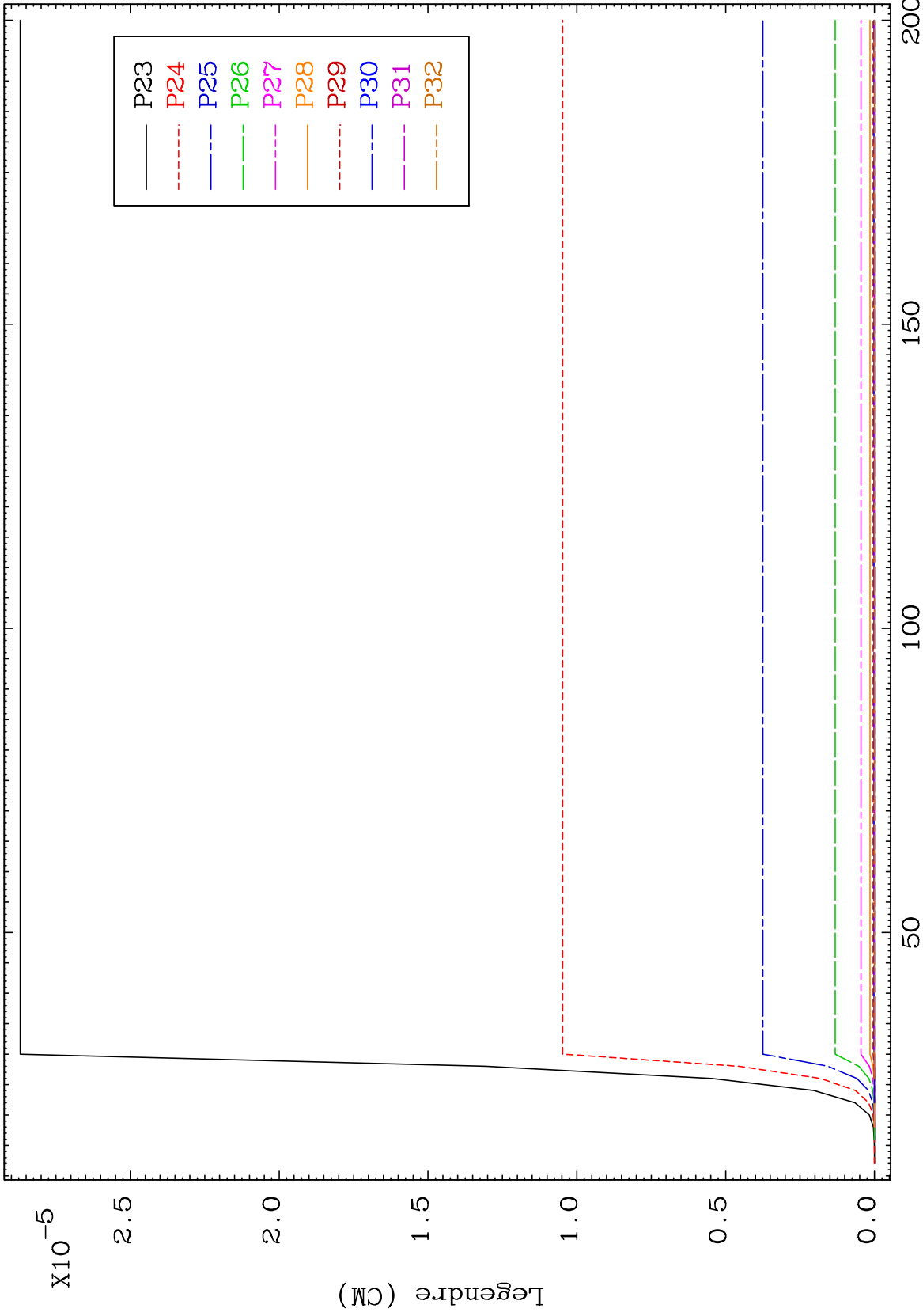
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



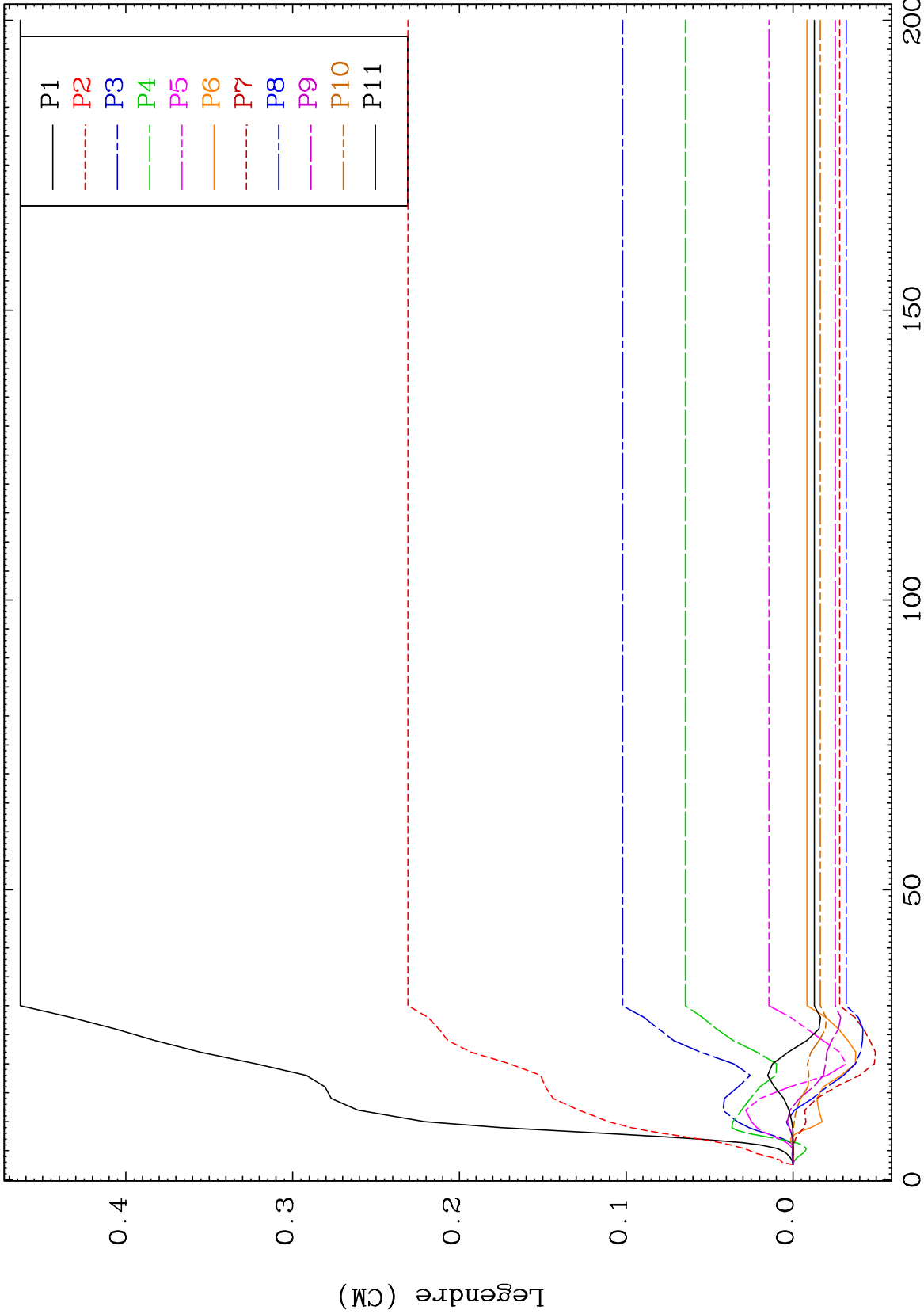
69

34-Se-74

MAT 3425

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

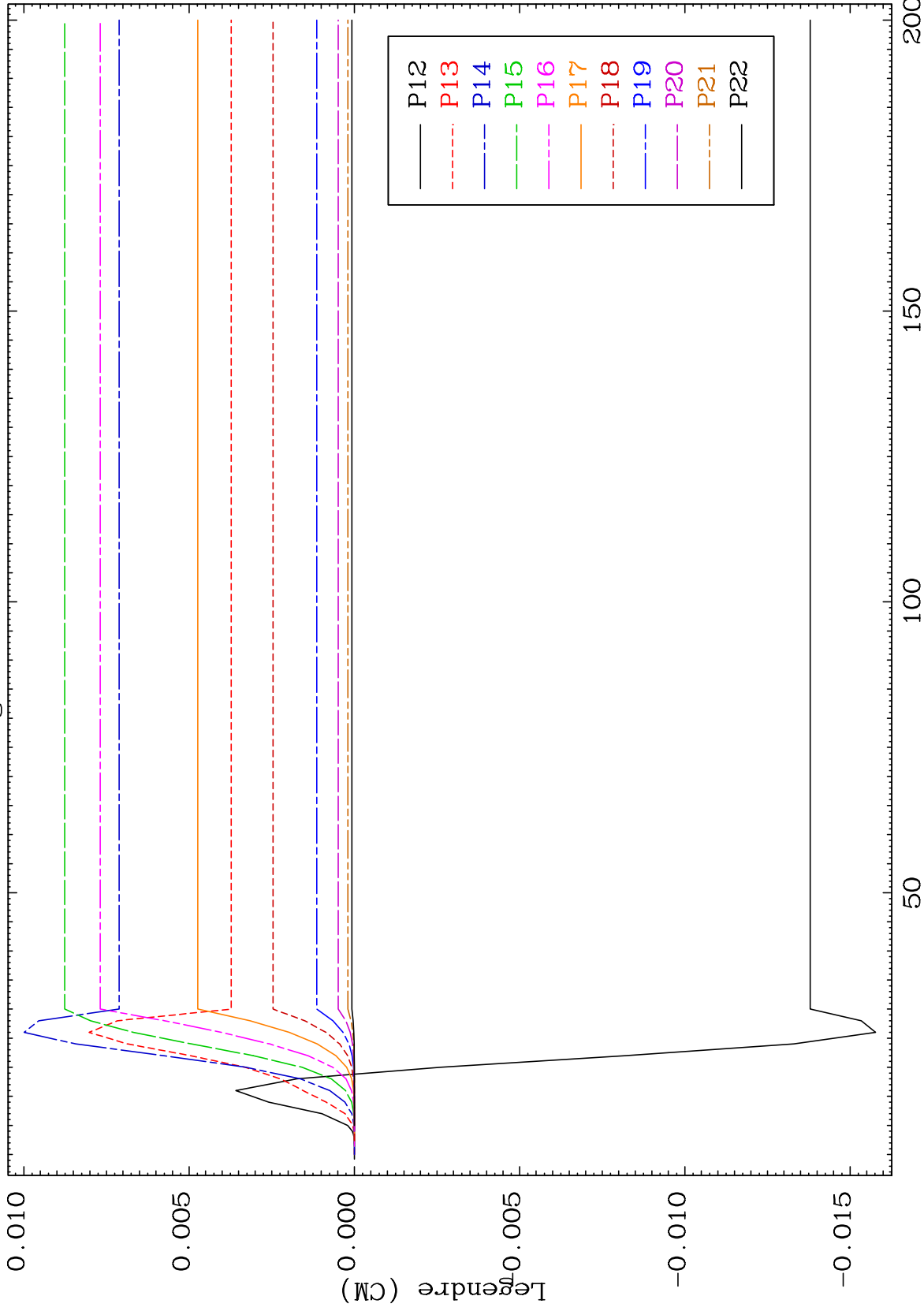
34-Se-74



70

Incident Energy (MeV)

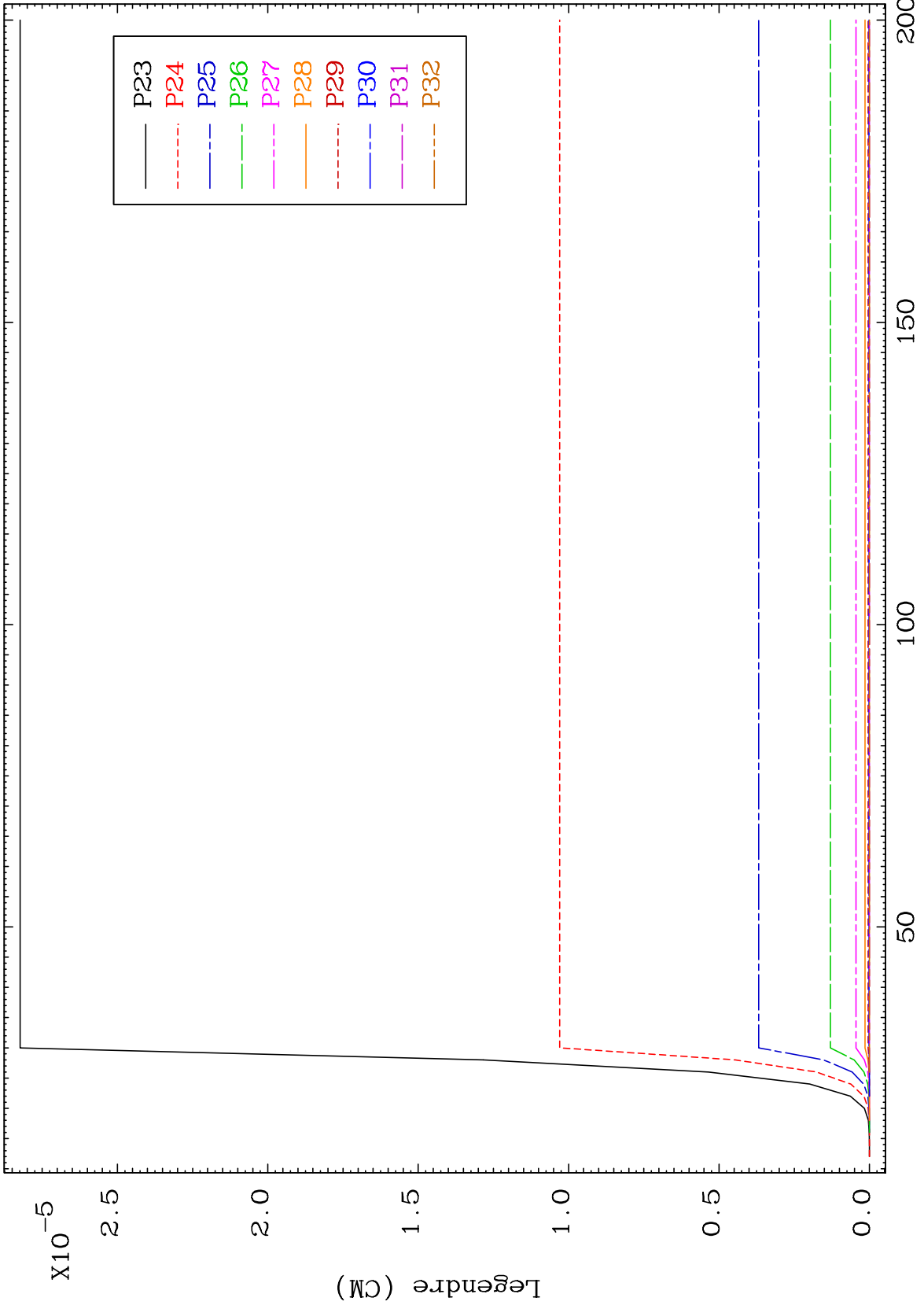
34-Se-74



MAT 3425

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

34-Se-74



72

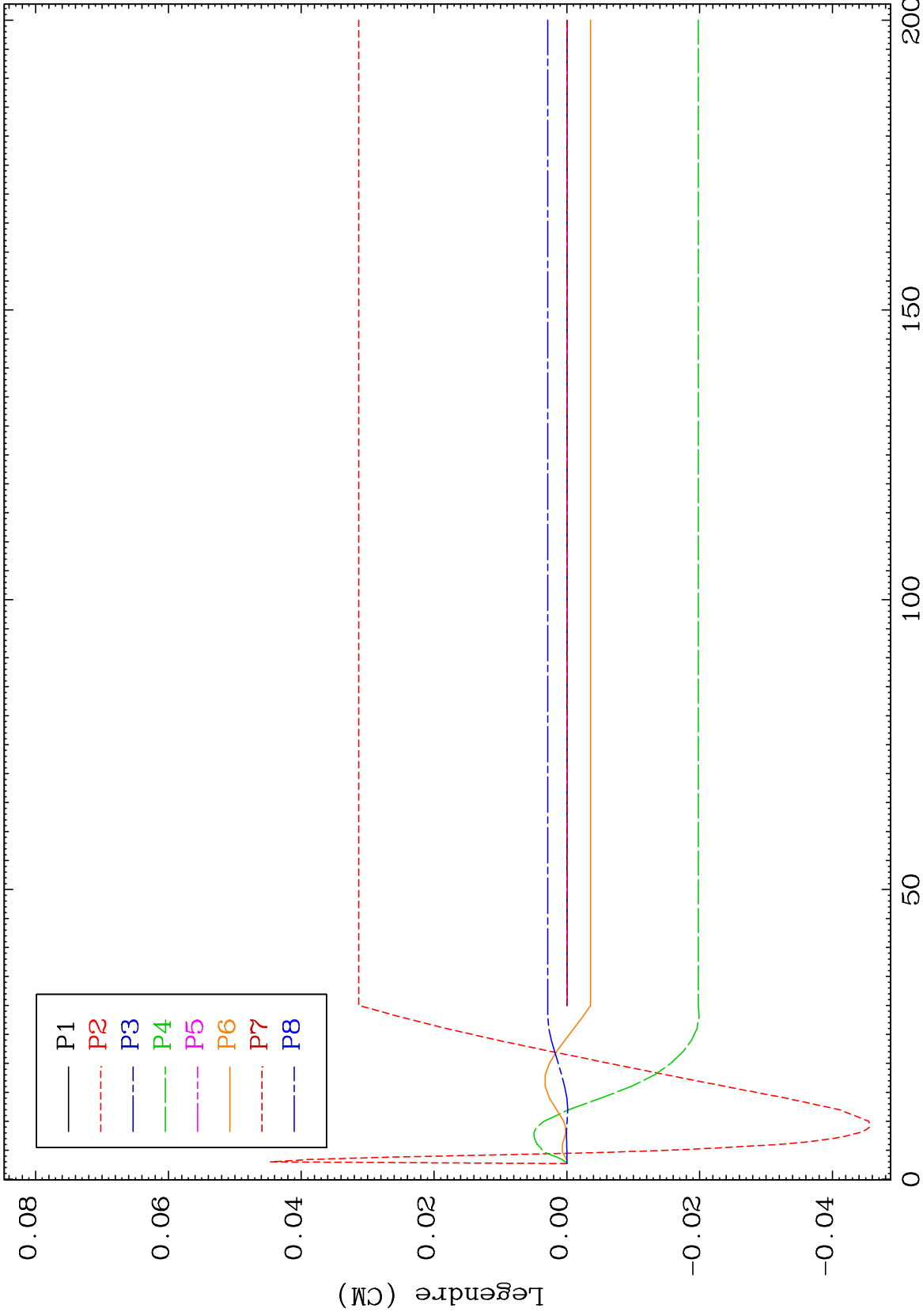
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



73

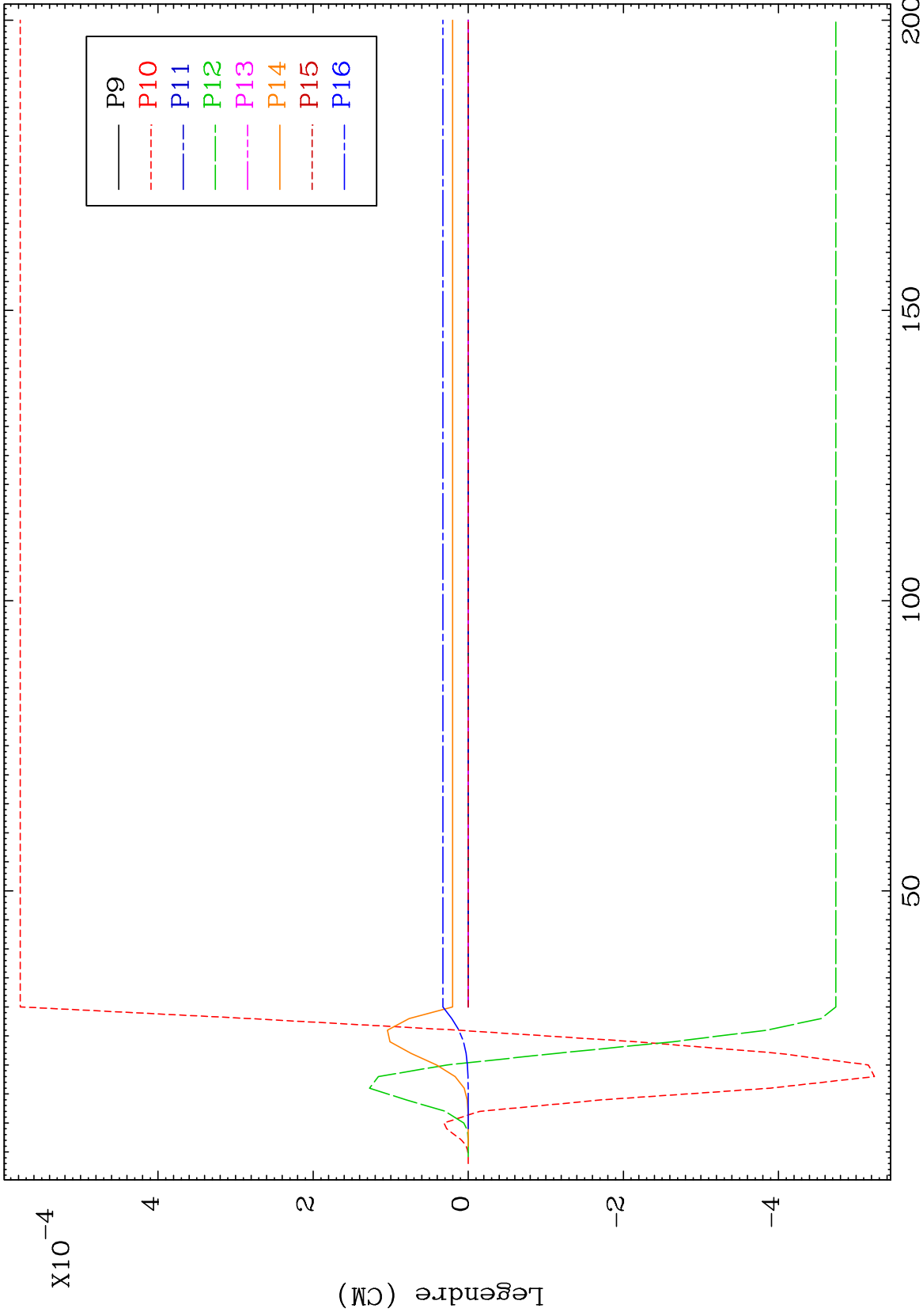
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74

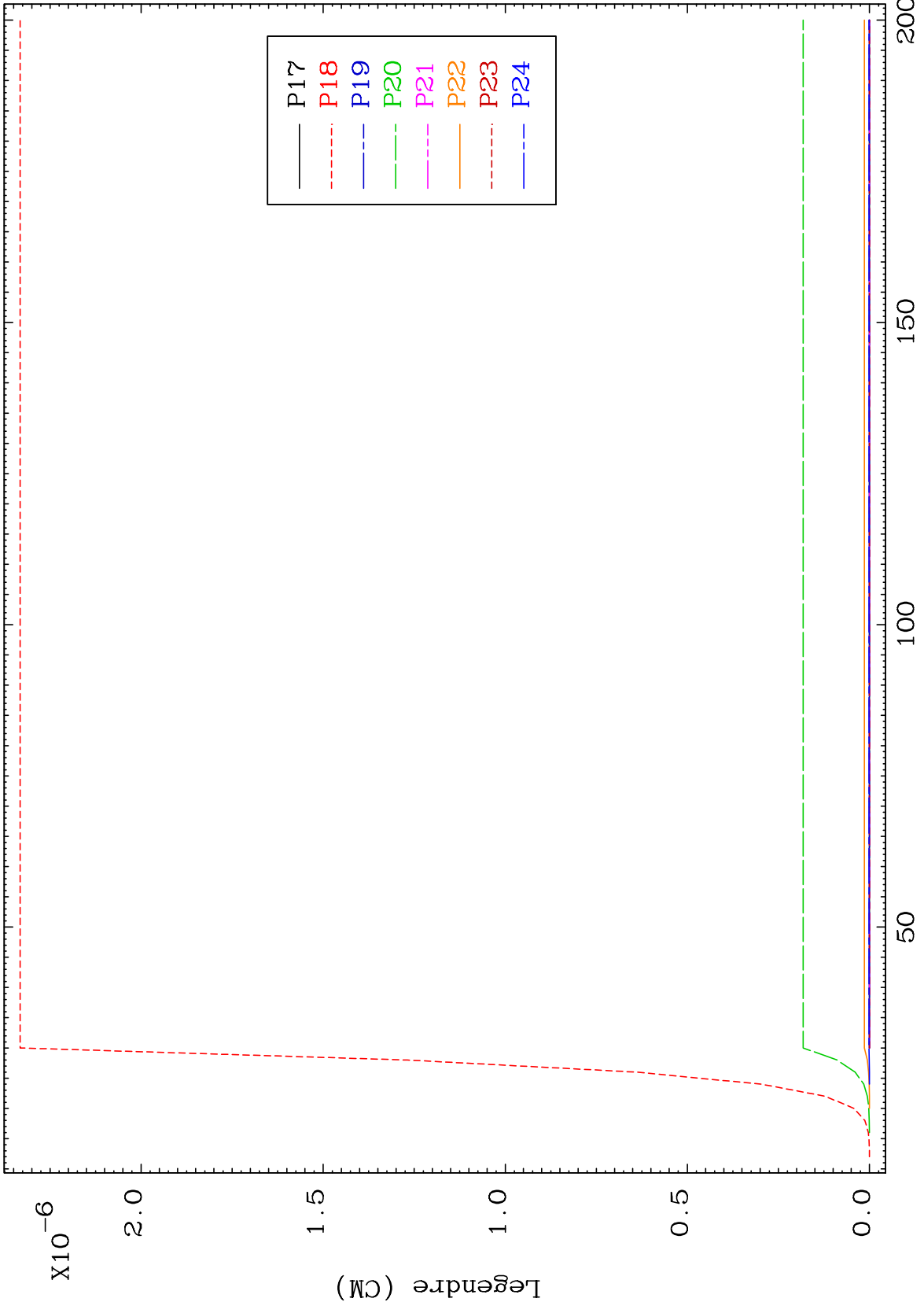


74

Incident Energy (MeV)

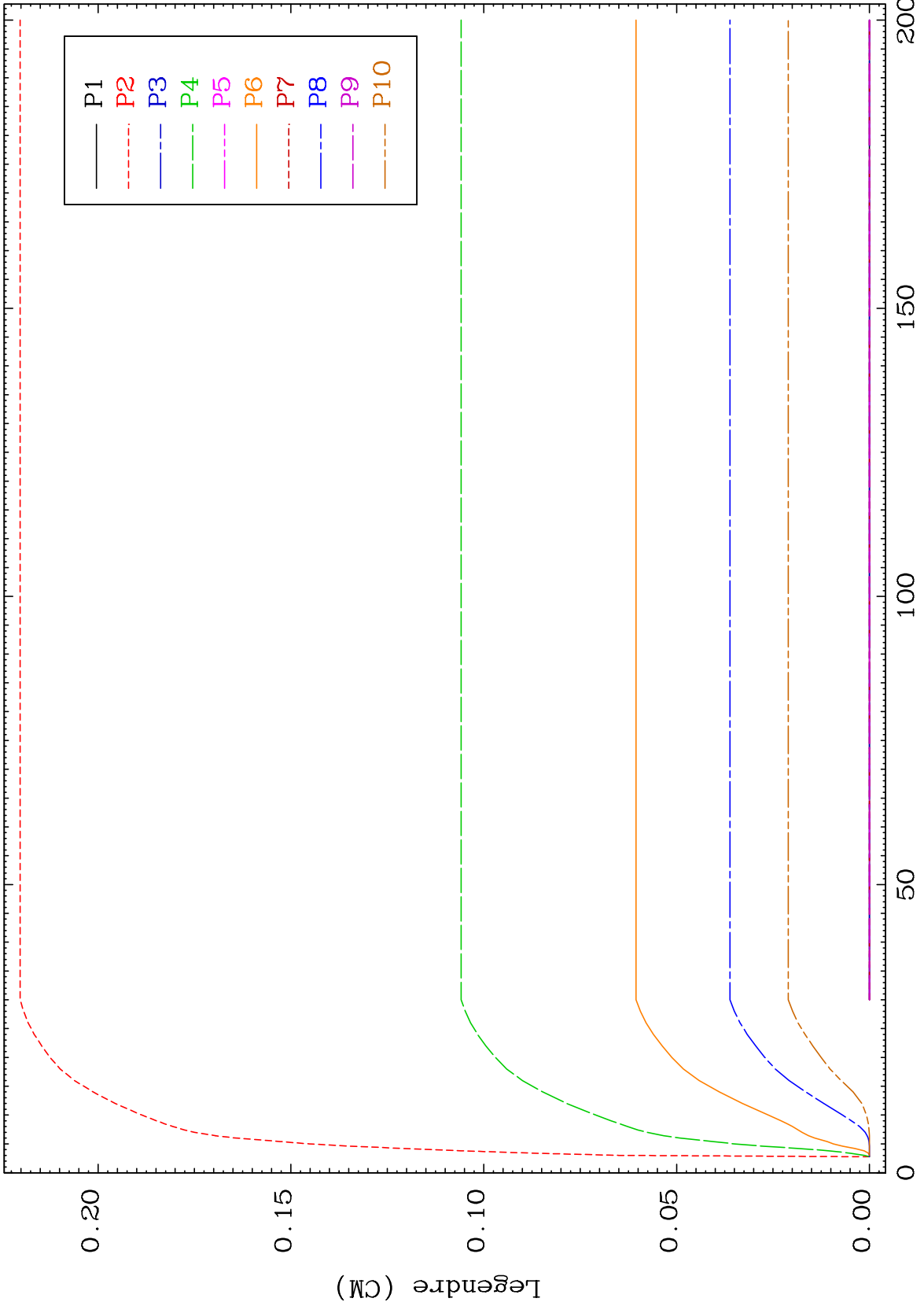
34-Se-74

MAT 3425 MT= 67 (n,n') Level Legendre Coefficients 34-Se-74



75 Incident Energy (MeV) 34-Se-74

MAT 3425 MT= 68 (n,n') Level Legendre Coefficients 34-Se-74

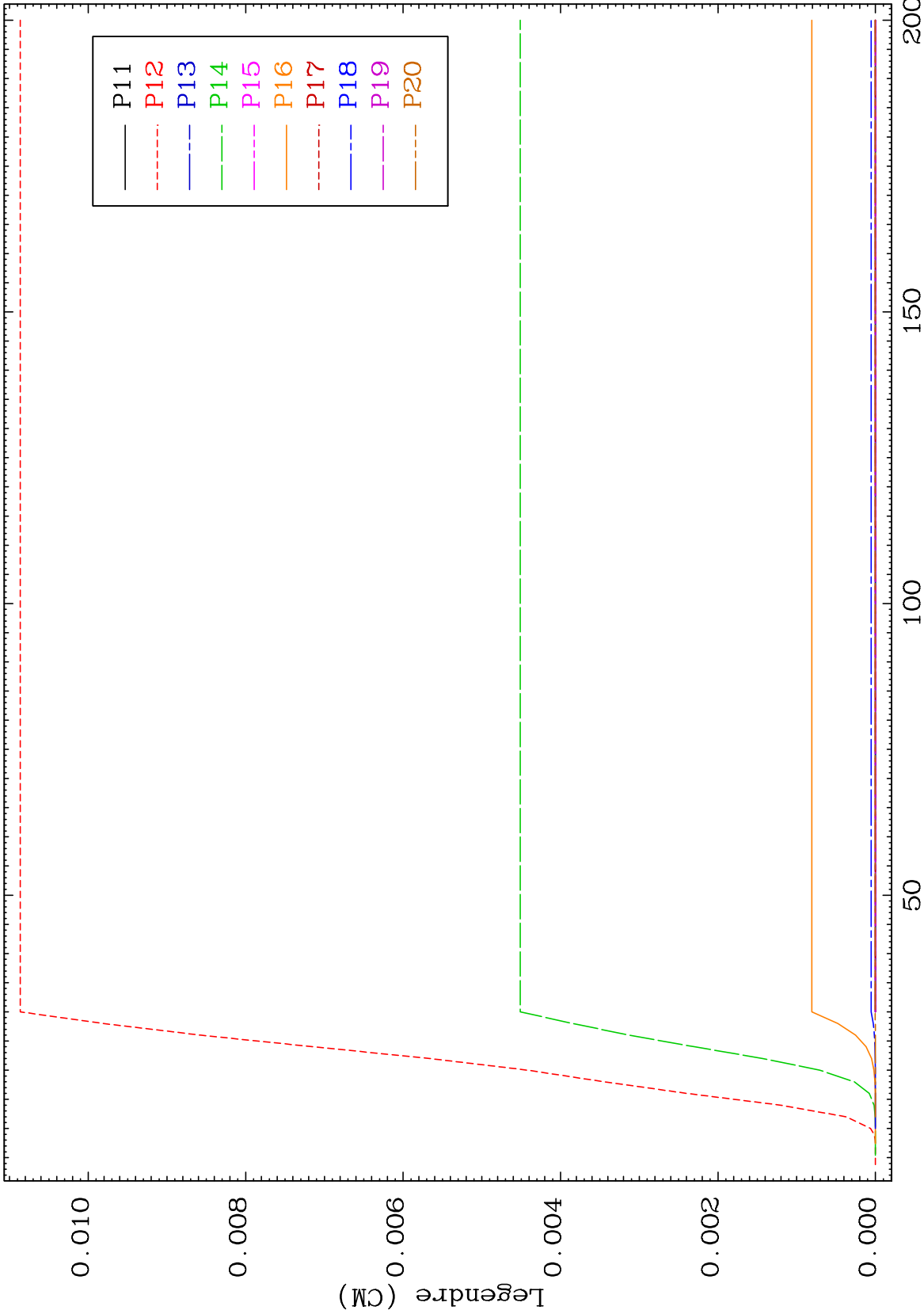


76 34-Se-74

MAT 3425

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

<sup>34</sup>Se-74

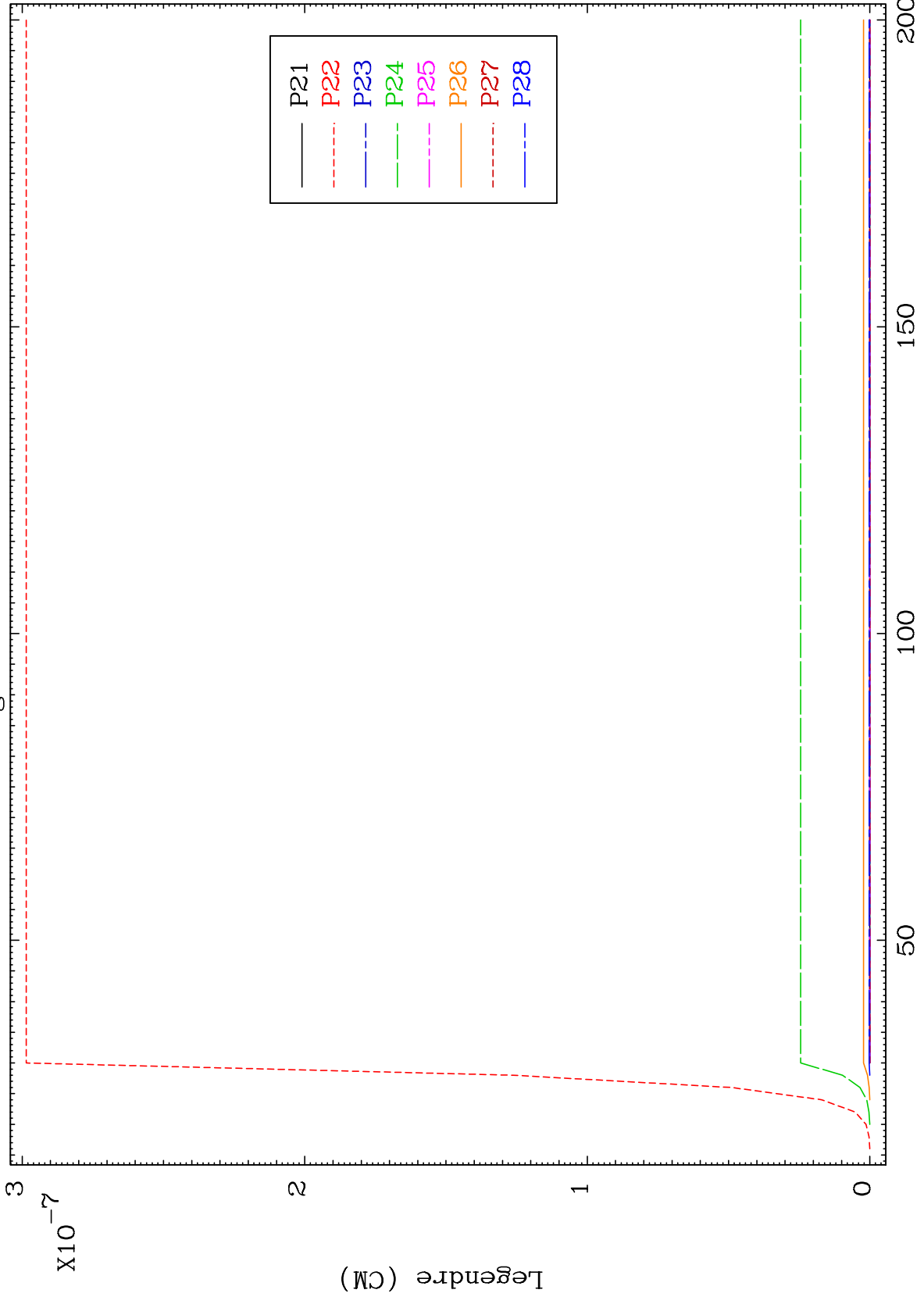


77

Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425 MT= 68 (n,n') Level Legendre Coefficients 34-Se-74

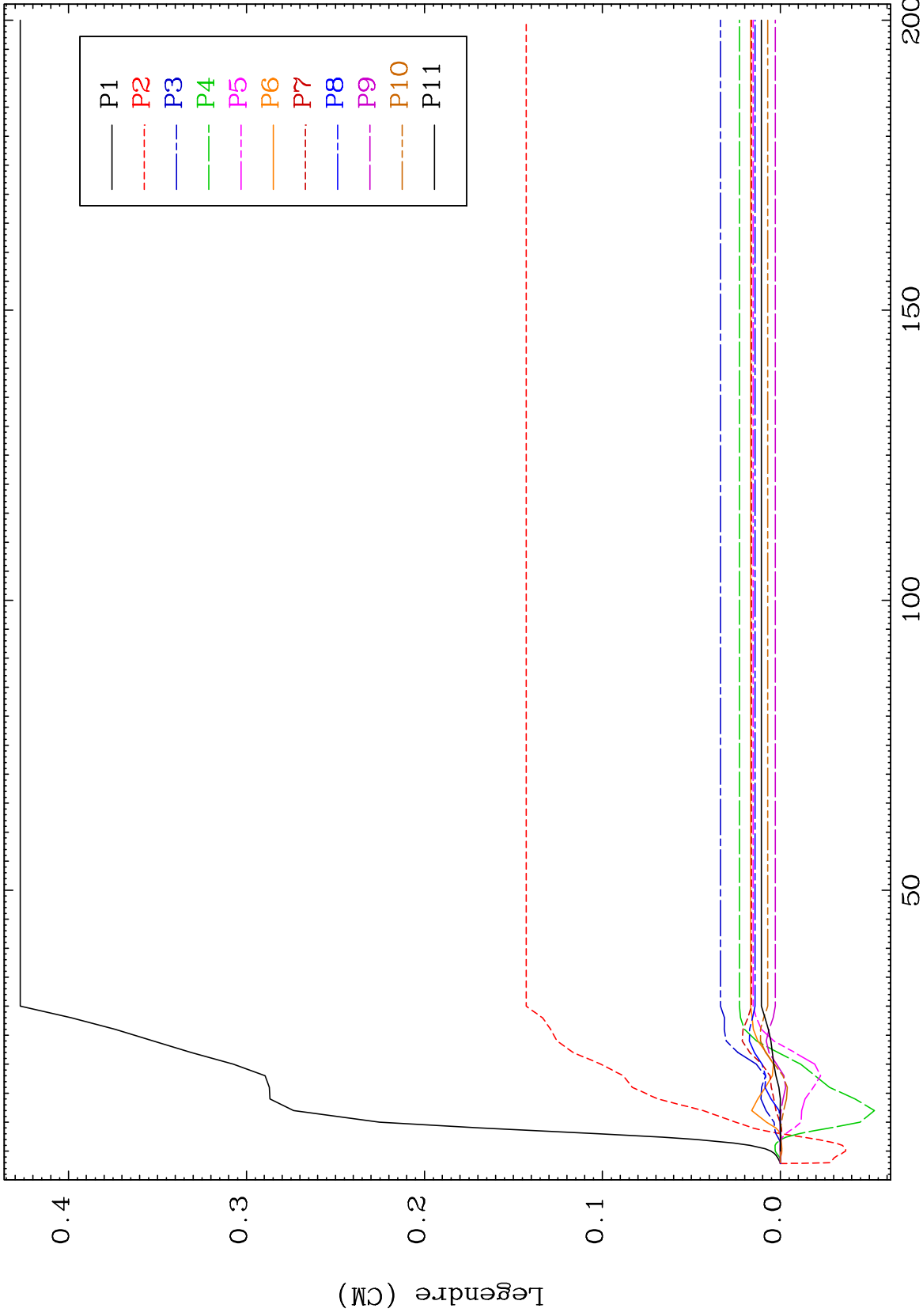


78 34-Se-74

MAT 3425

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

34-Se-74



79

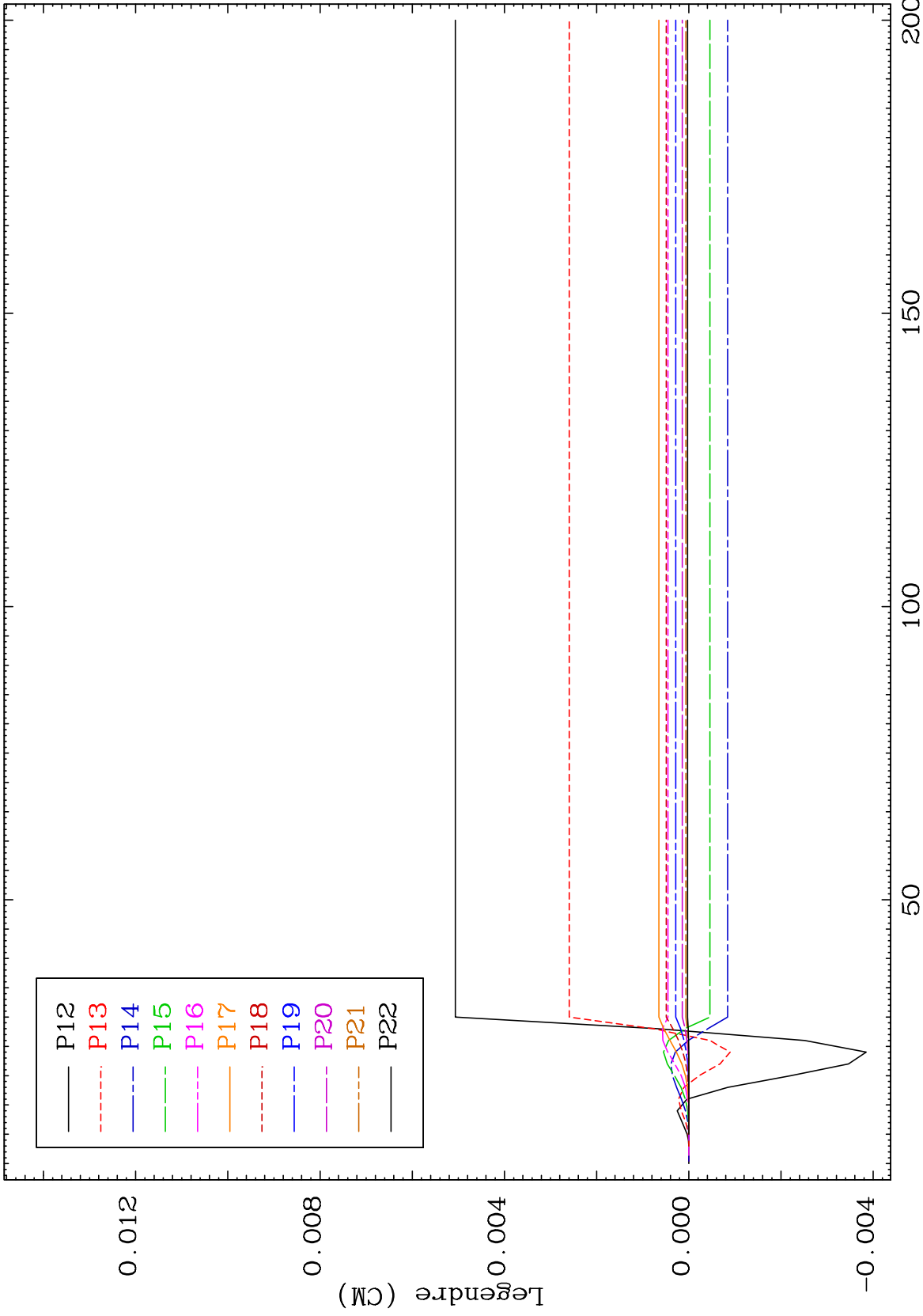
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



80

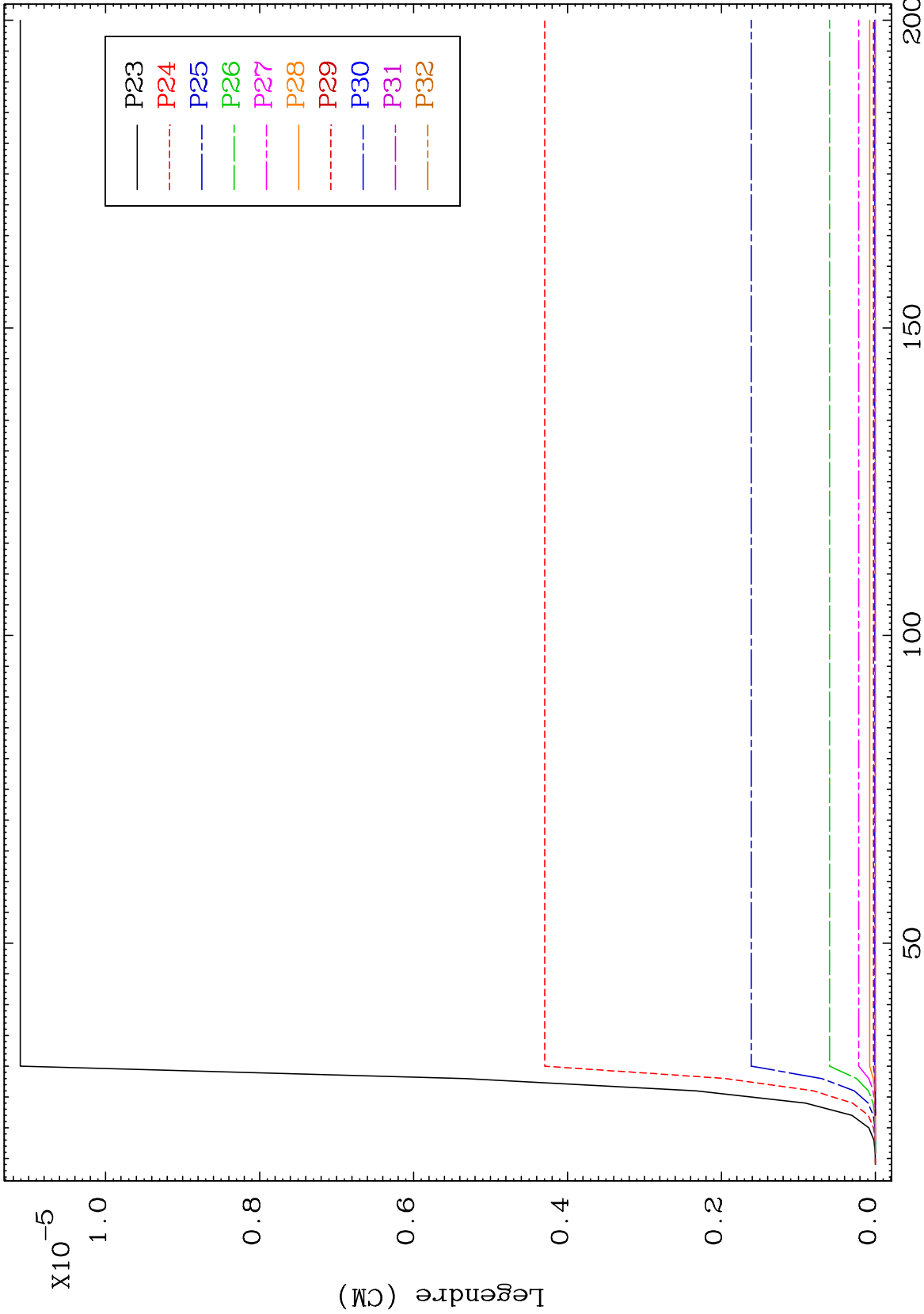
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



81

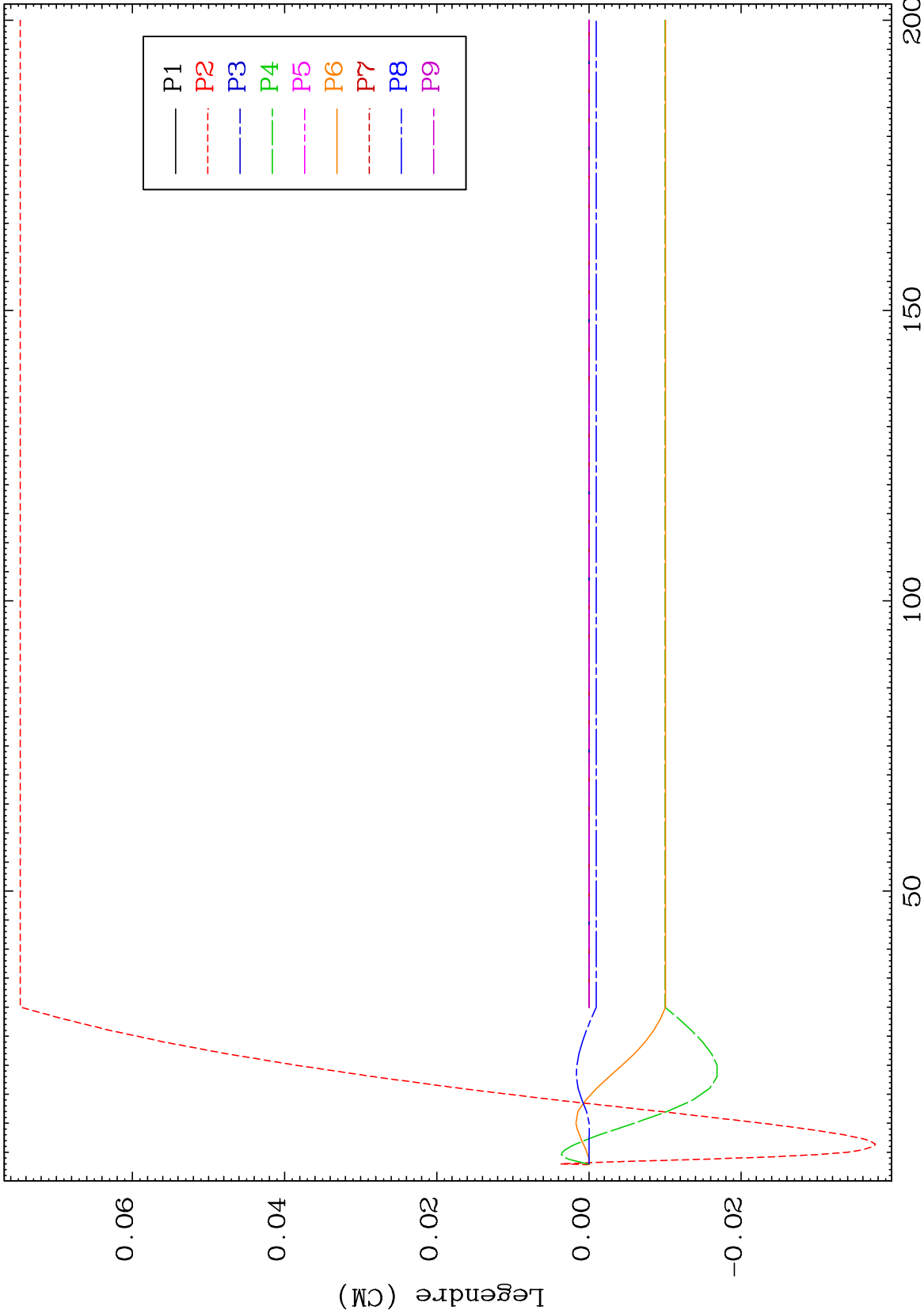
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



82

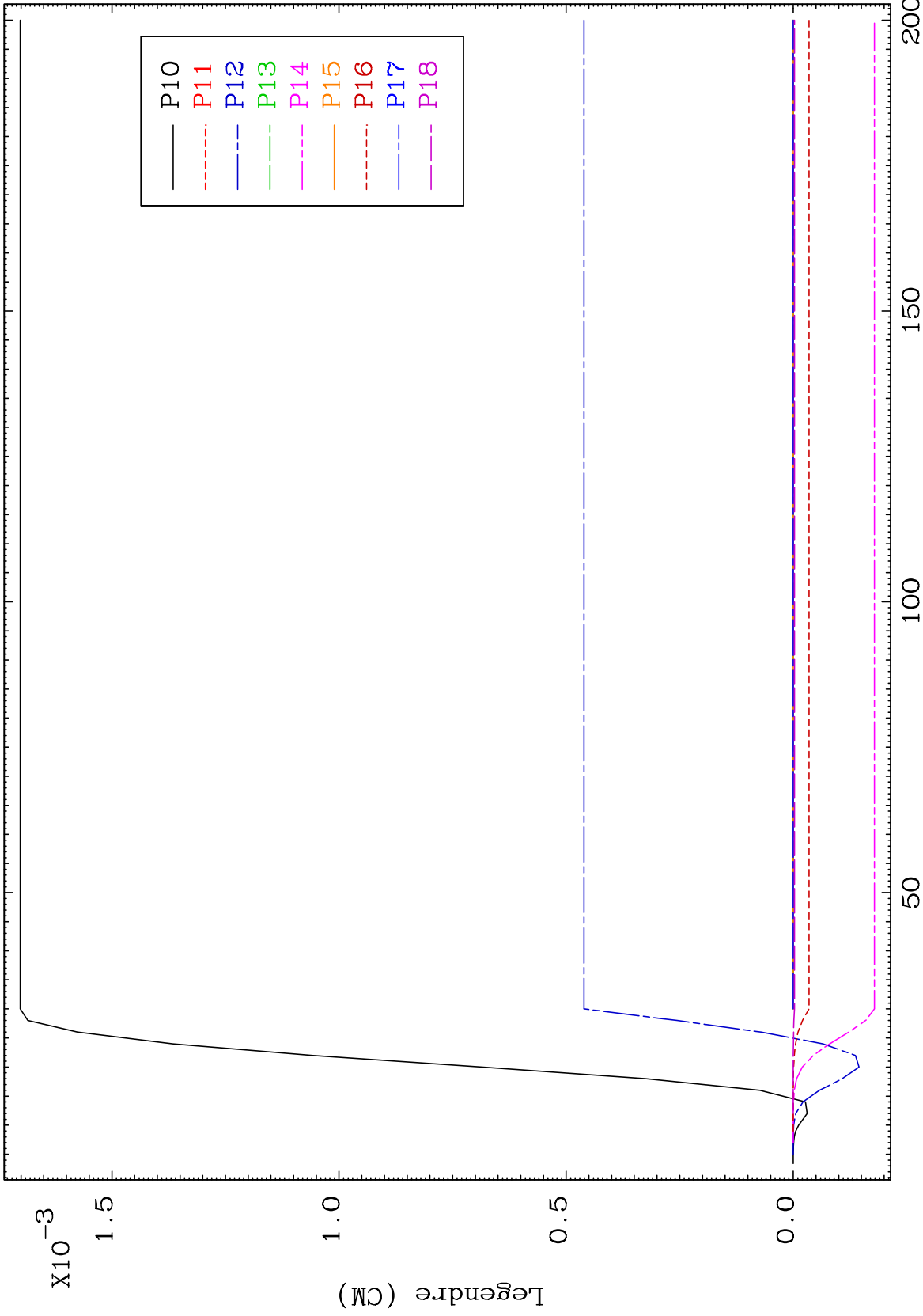
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



83

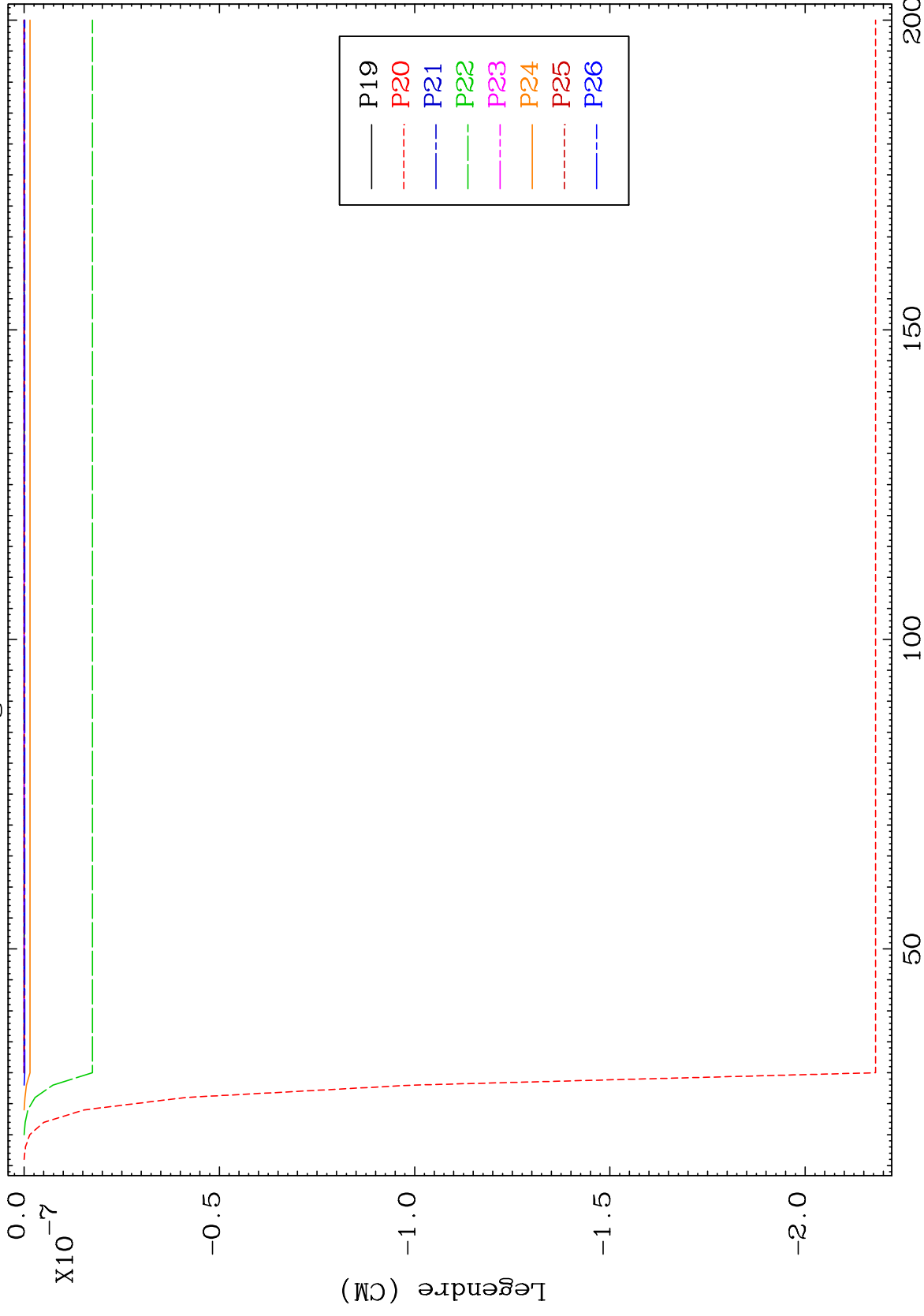
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



34-Se-74

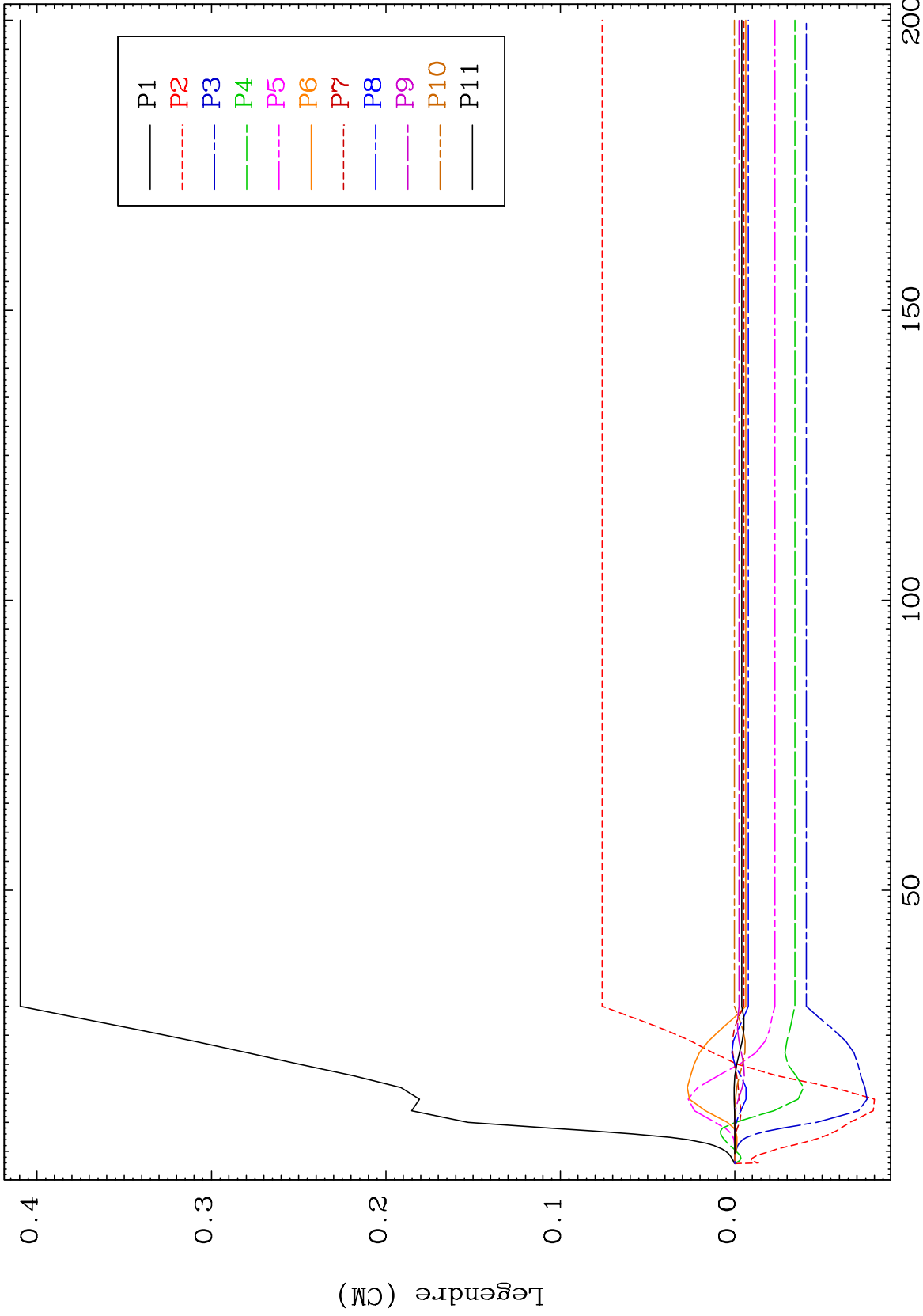
Incident Energy (MeV)

84

MAT 3425

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

34-Se-74



85

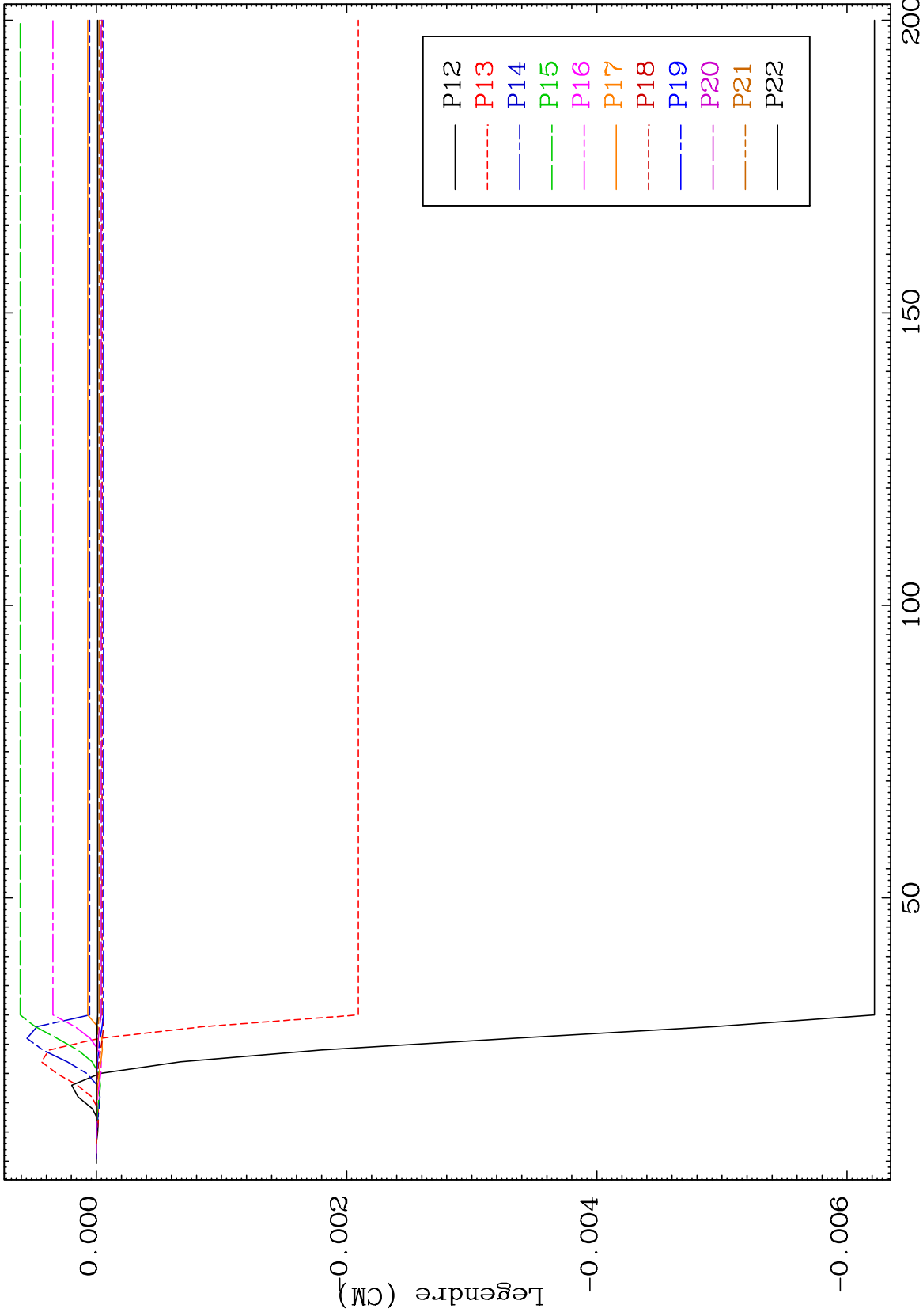
Incident Energy (MeV)

34-Se-74

MAT 3425

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

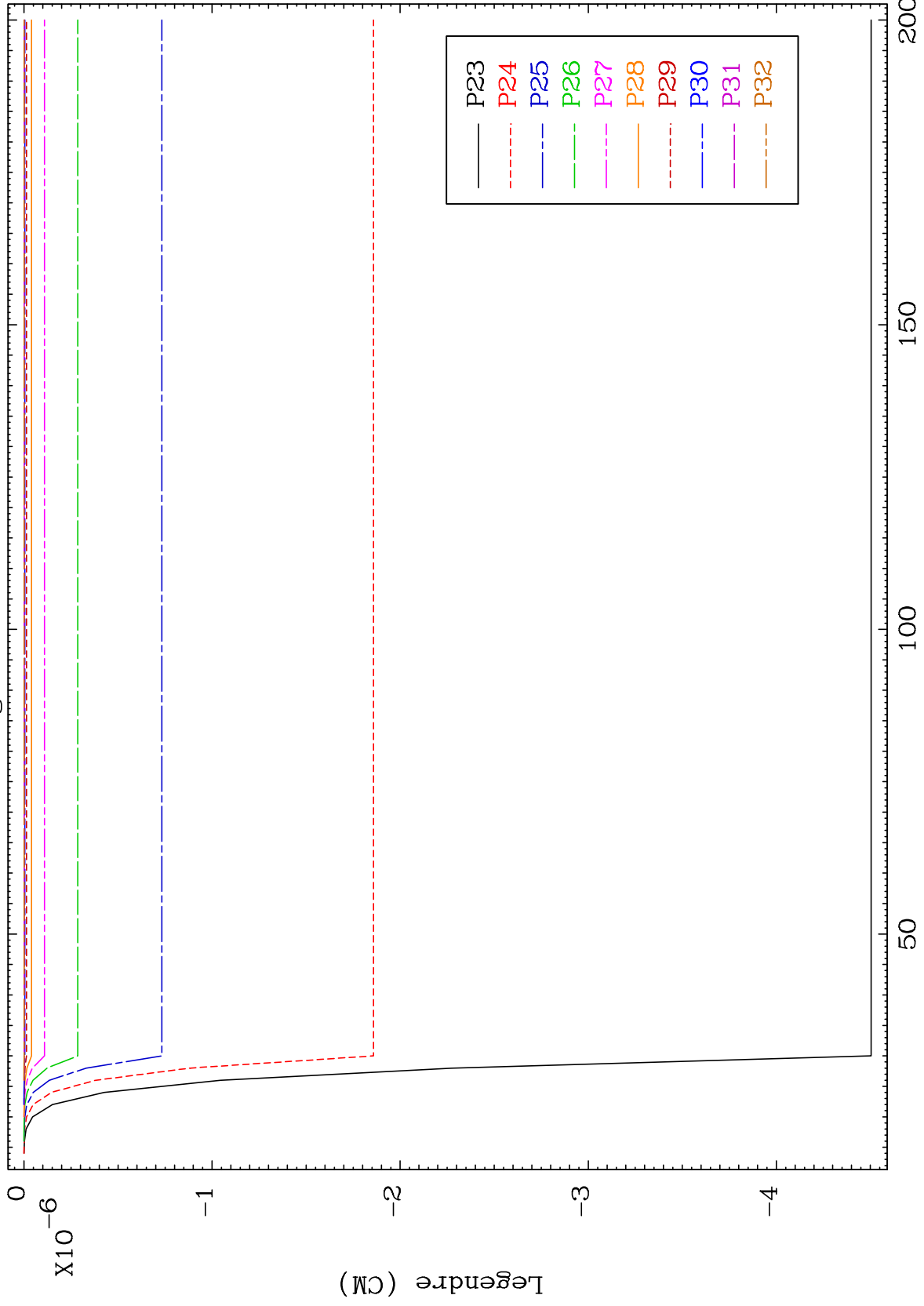
34-Se-74



MAT 3425

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

34-Se-74



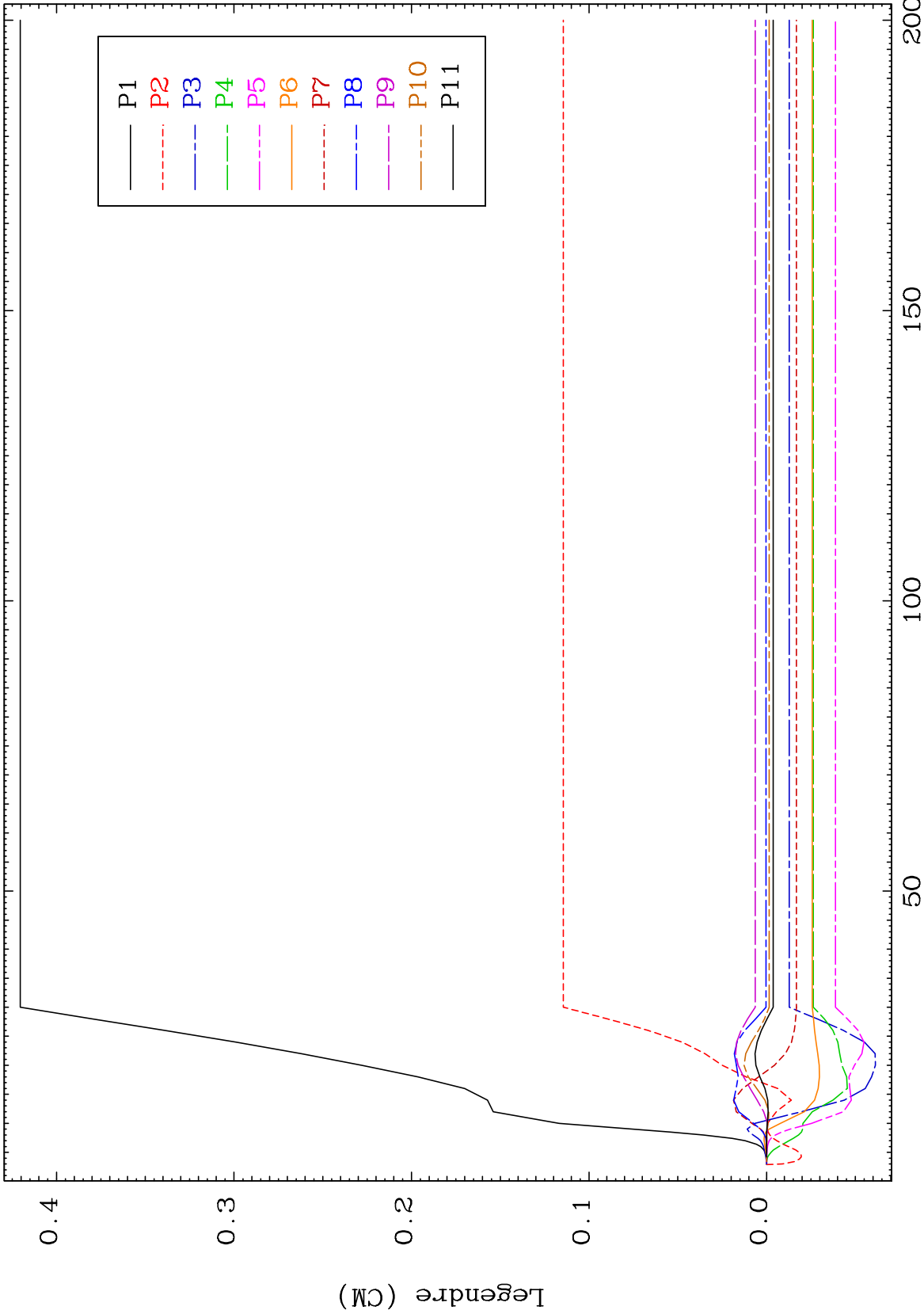
87

34-Se-74

MAT 3425

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

34-Se-74



88

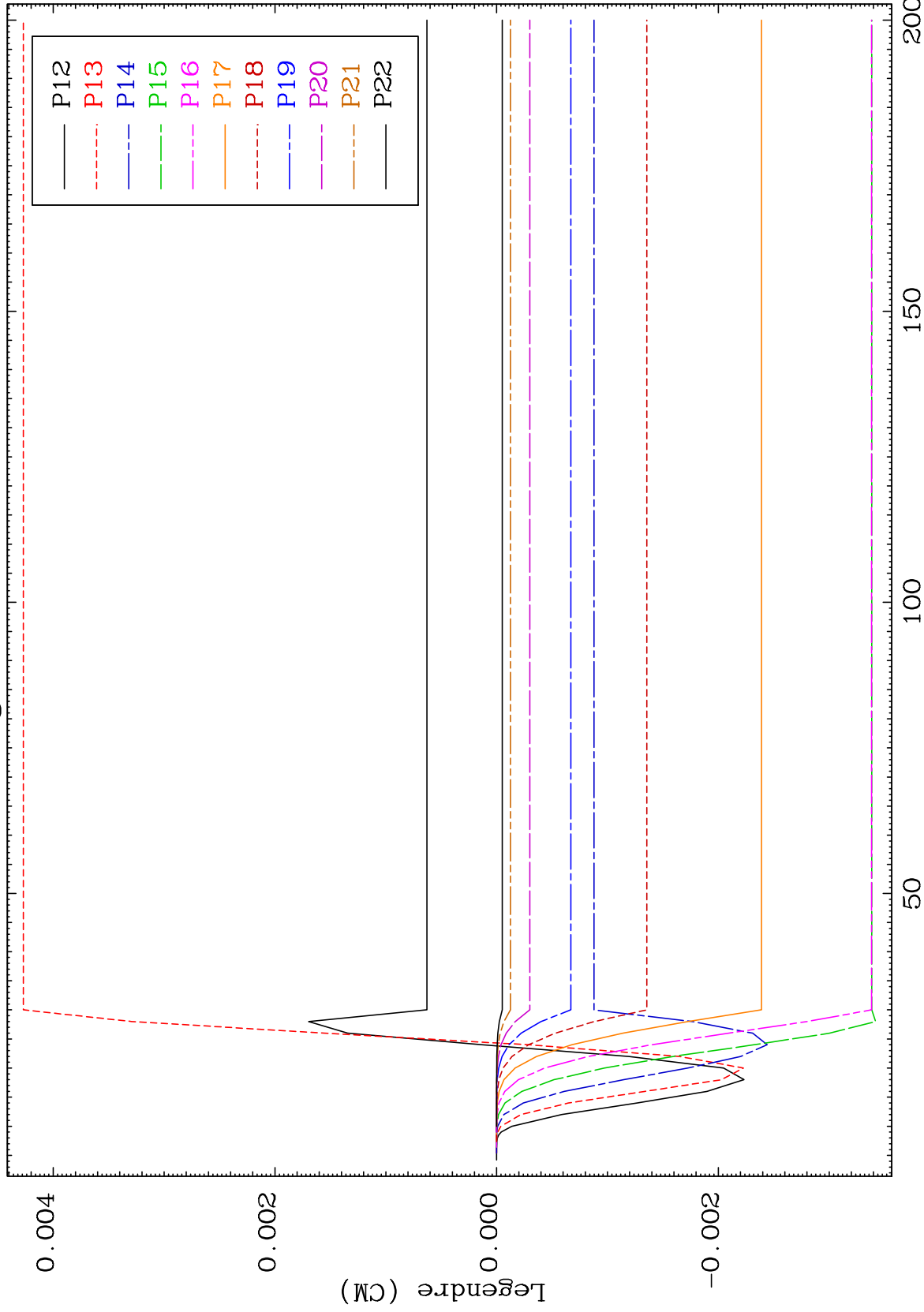
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



89

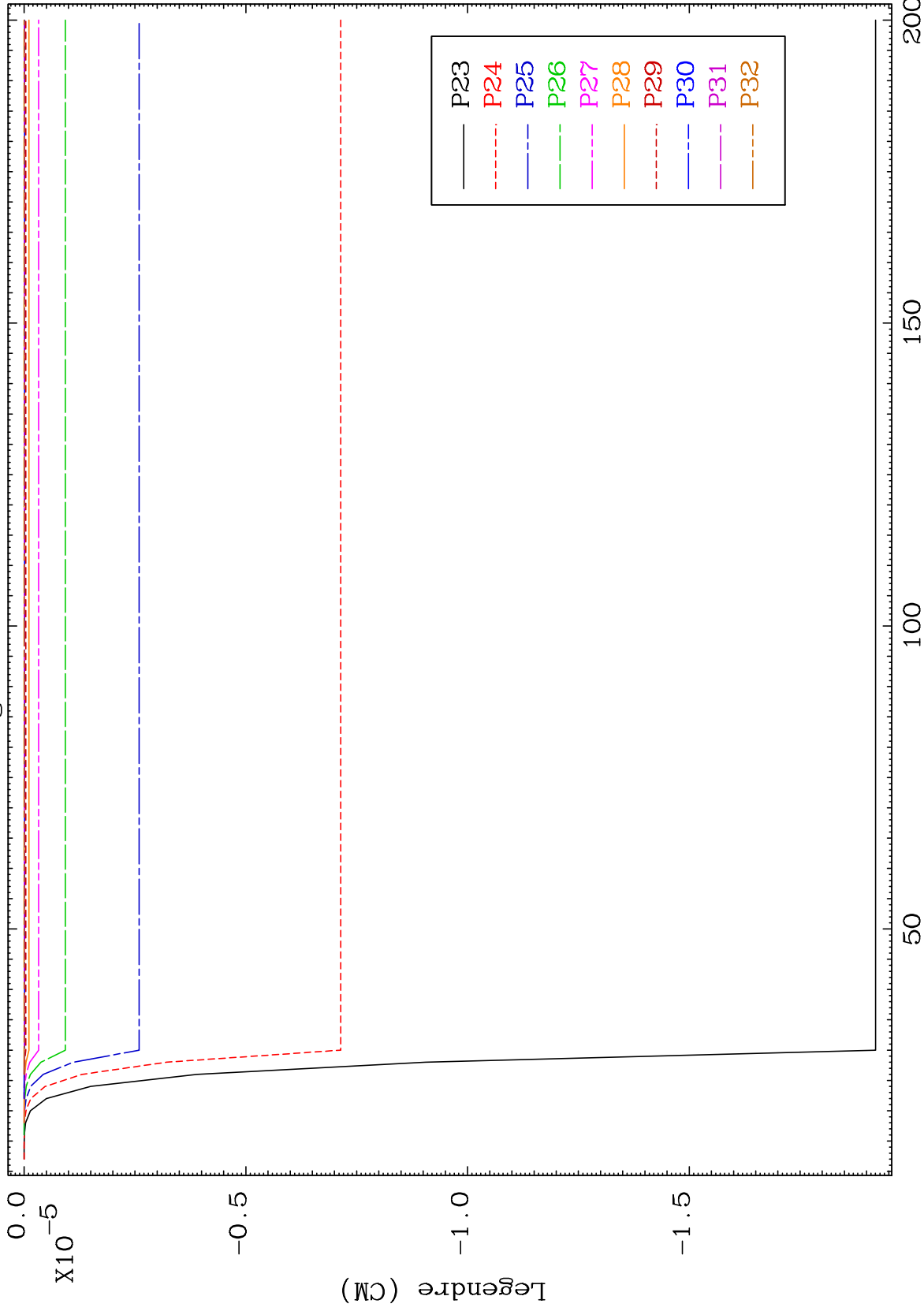
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



90

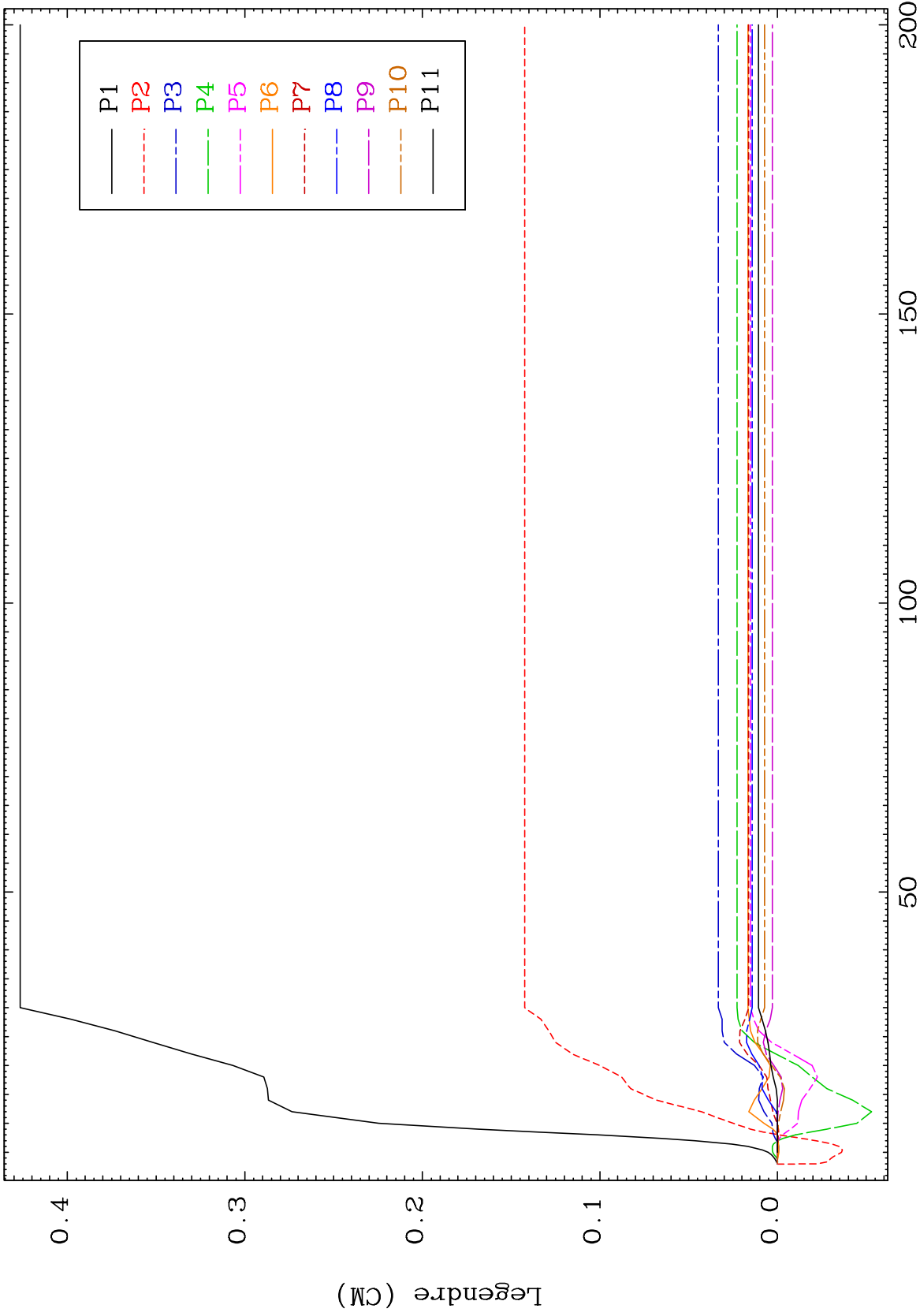
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



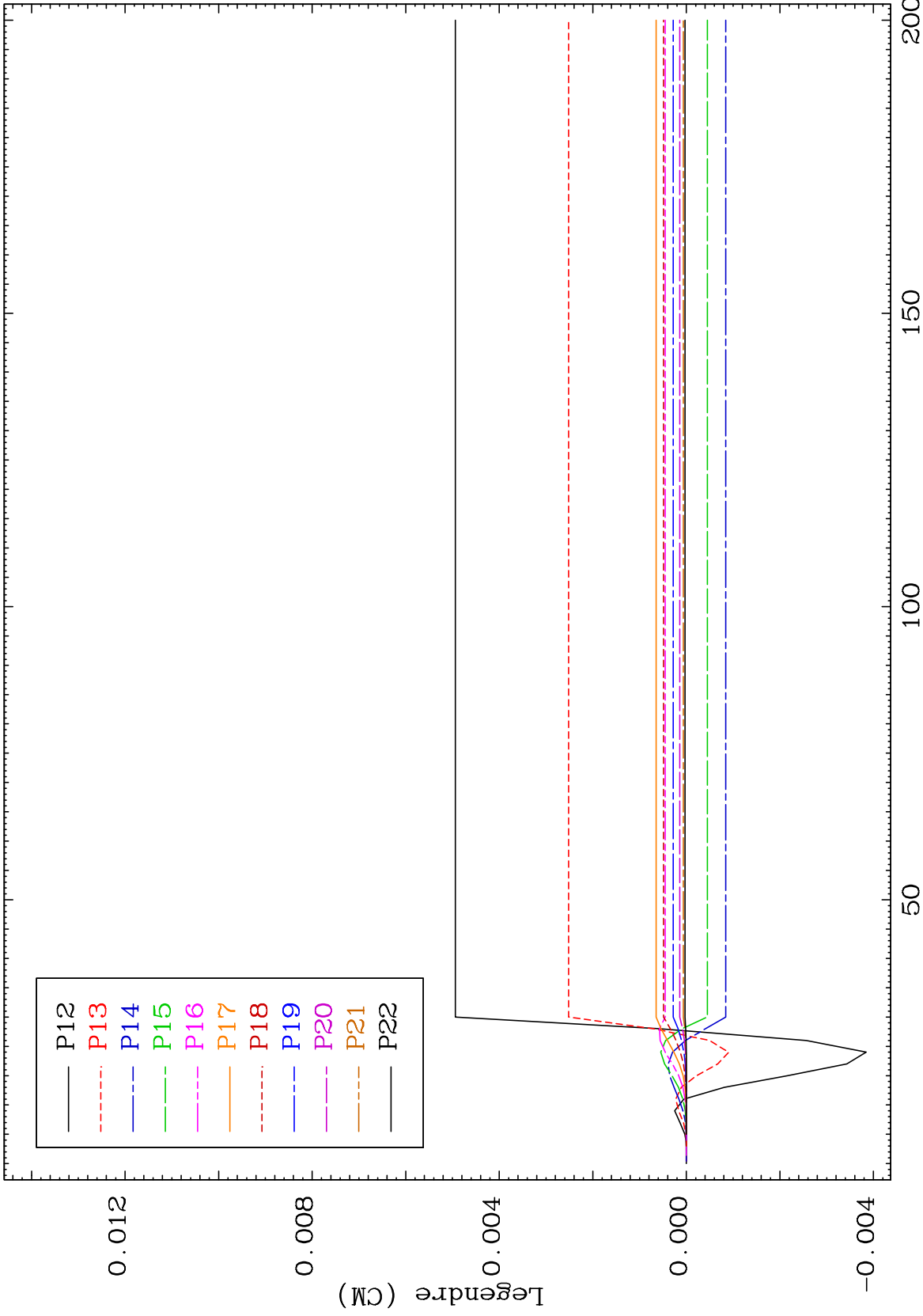
91

34-Se-74

MAT 3425

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

34-Se-74



92

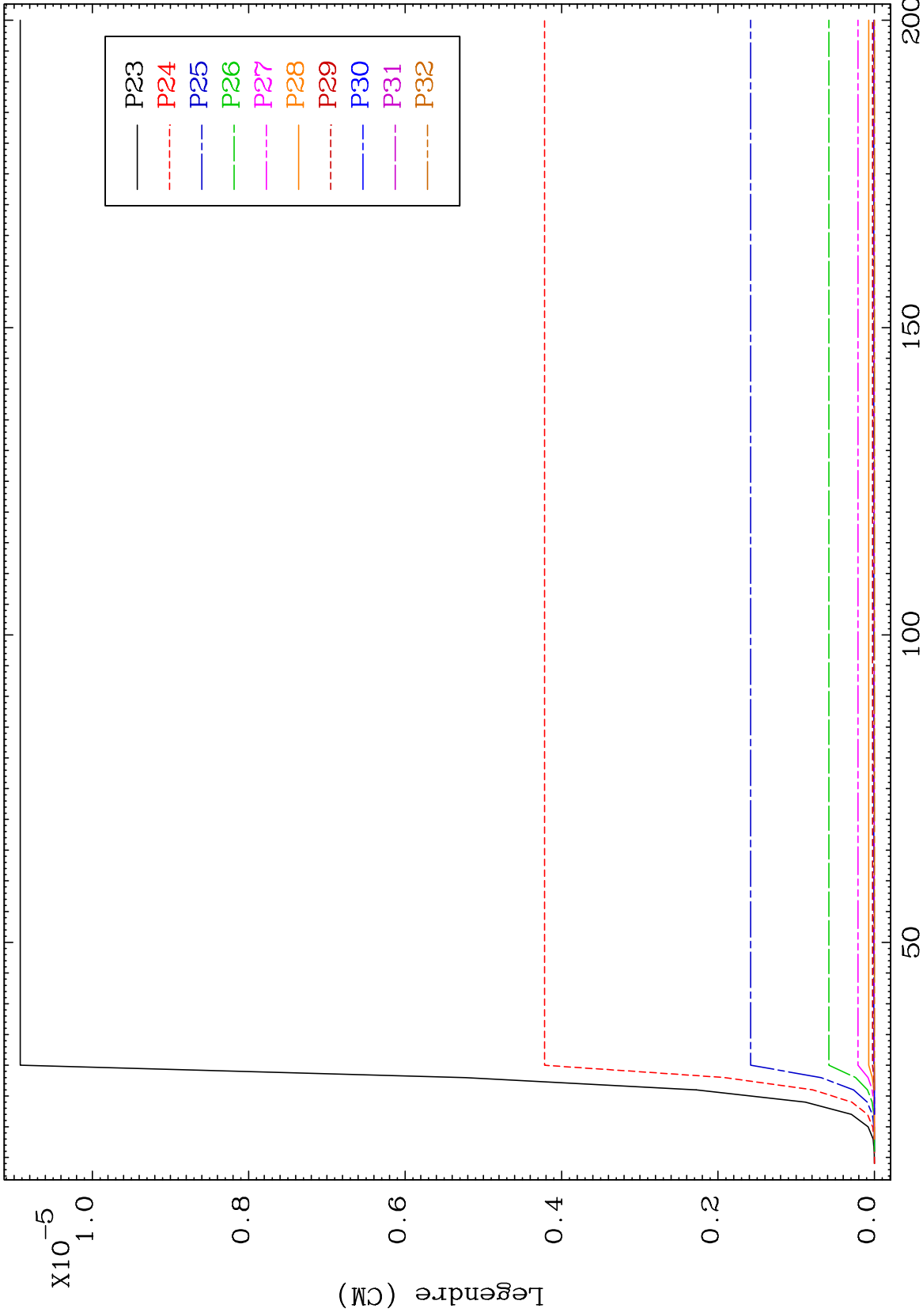
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74

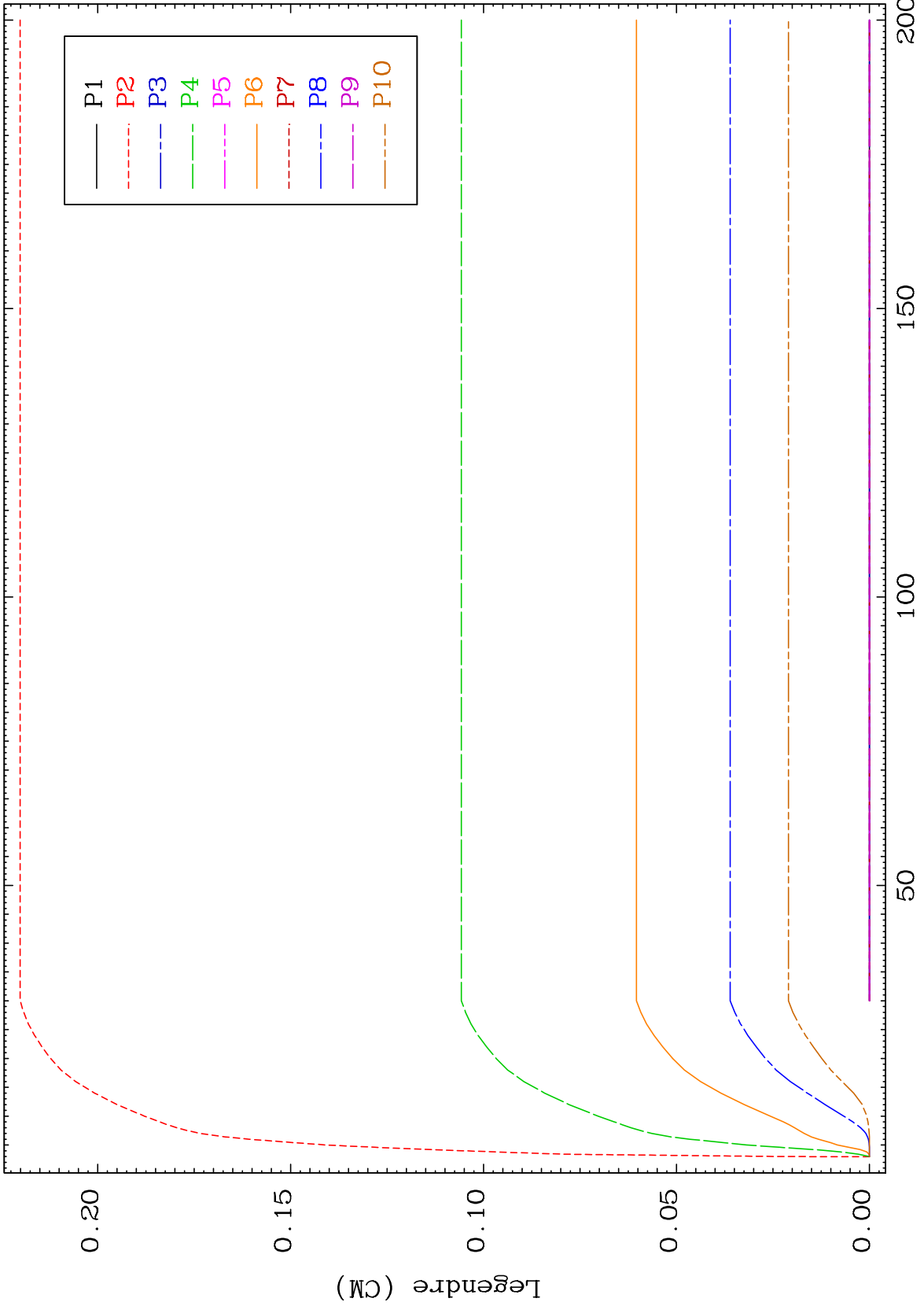


93

Incident Energy (MeV)

34-Se-74

MAT 3425 MT= 74 (n,n') Level Legendre Coefficients 34-Se-74

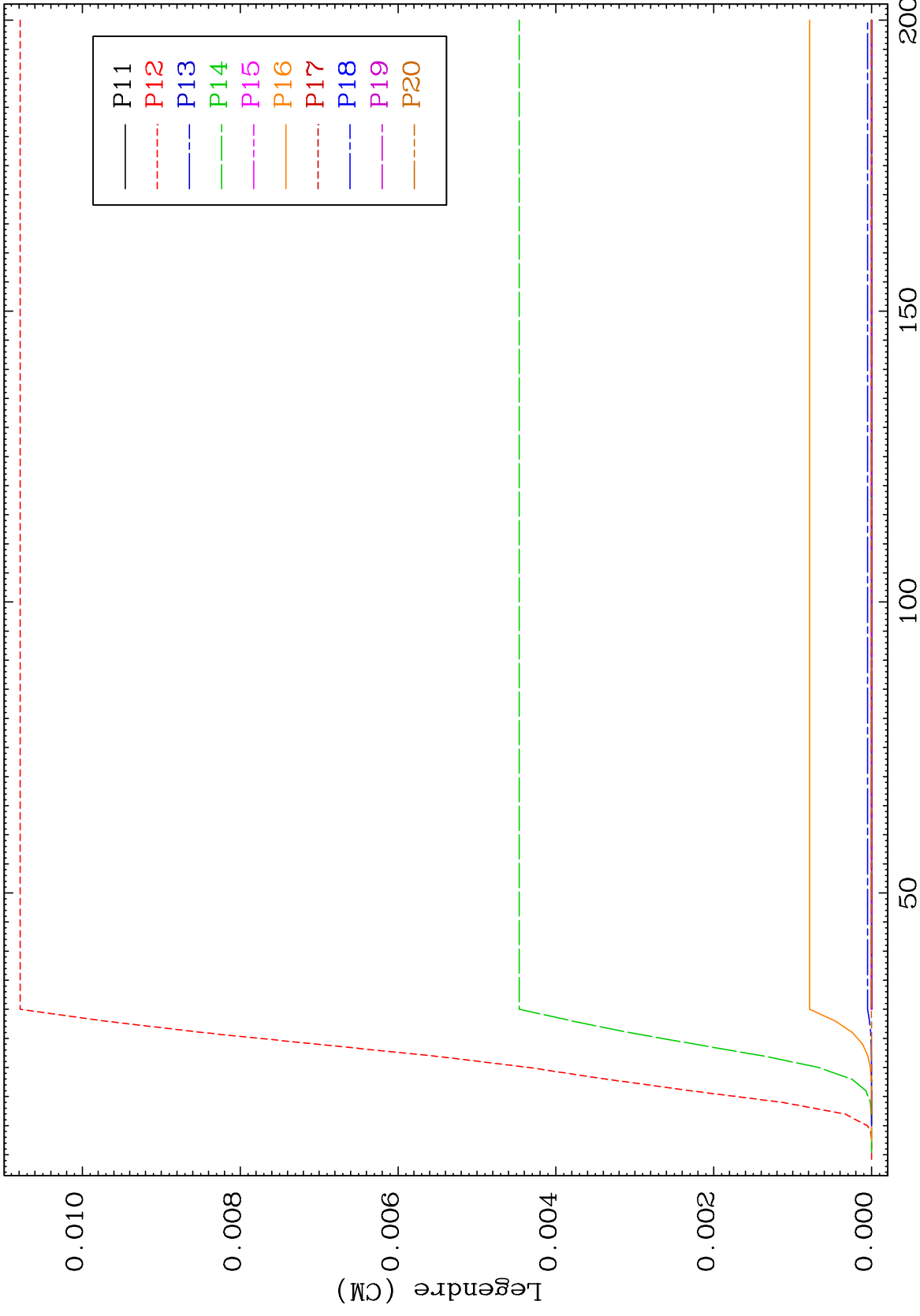


94 Incident Energy (MeV) 34-Se-74

MAT 3425

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

34-Se-74



95

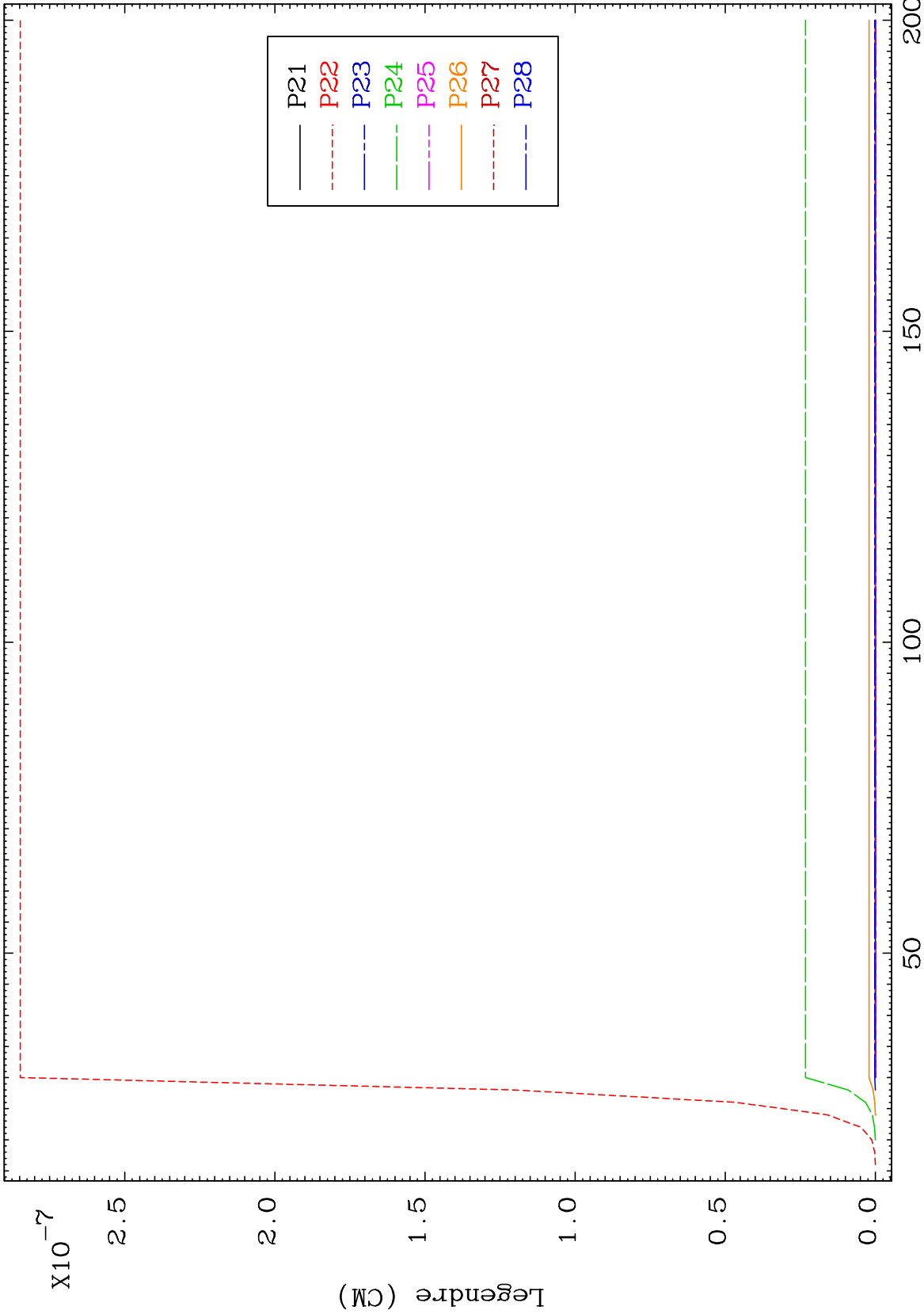
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



96

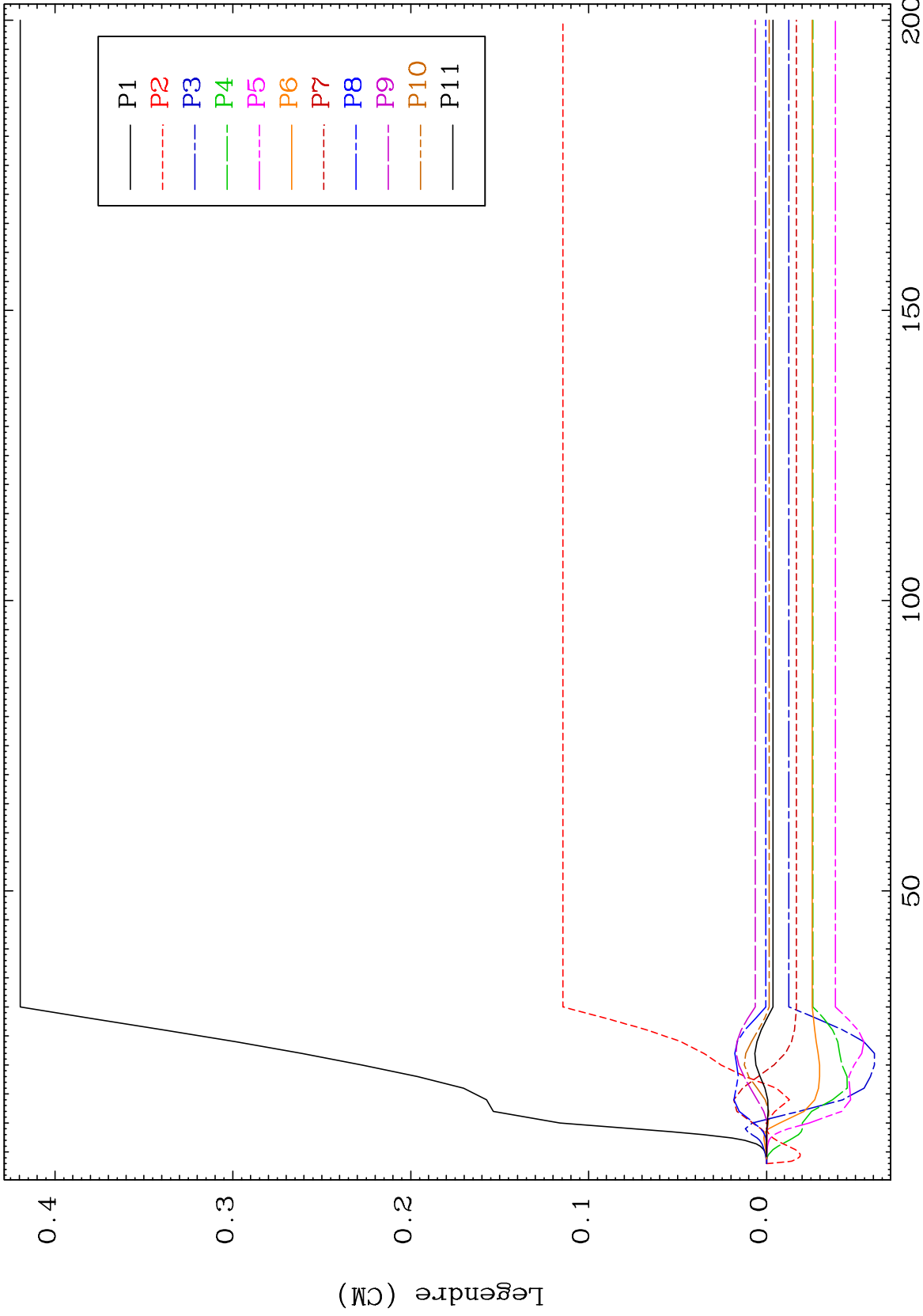
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



97

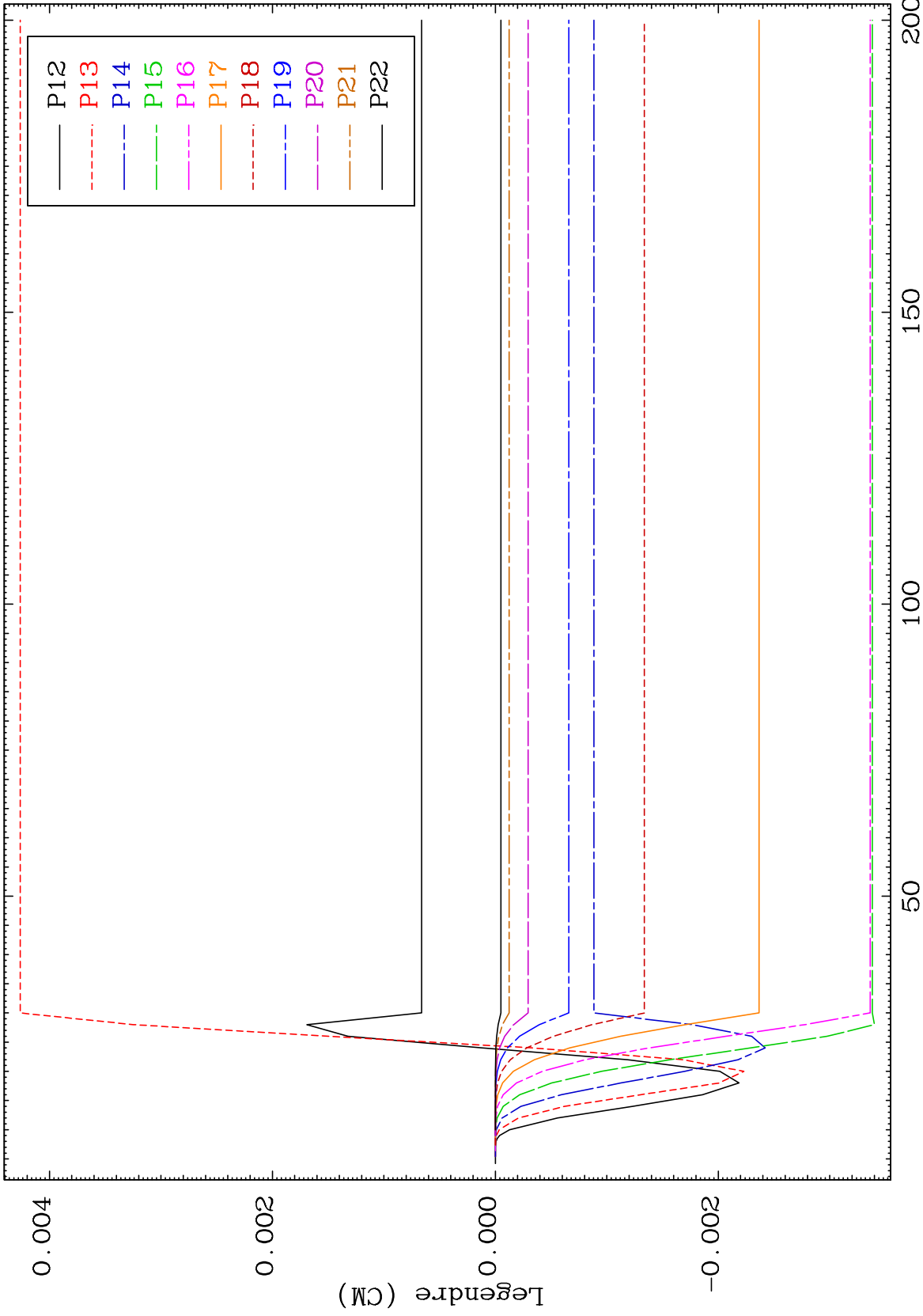
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



98

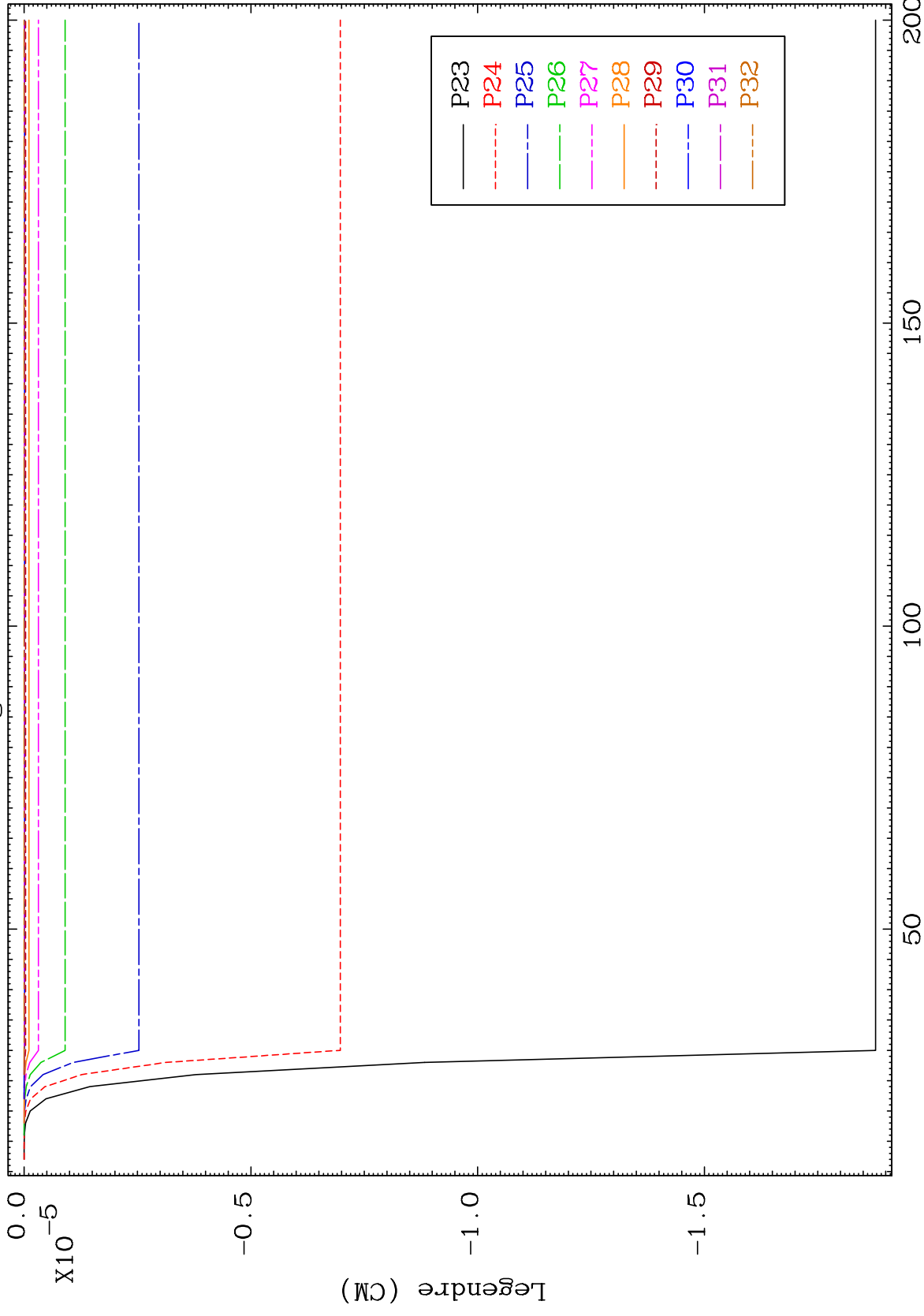
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



34-Se-74

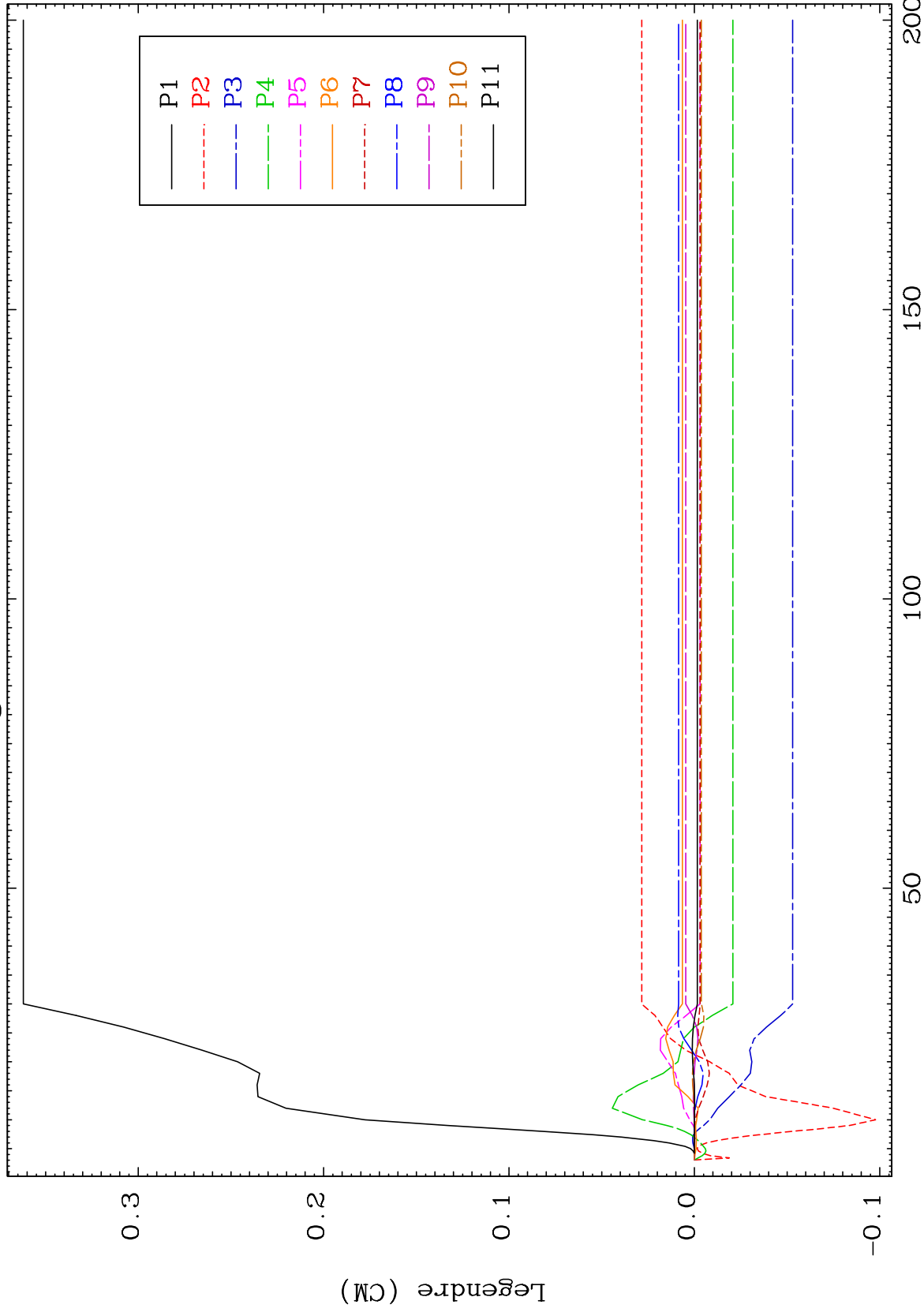
Incident Energy (MeV)

99

MAT 3425

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

34-Se-74



34-Se-74

Incident Energy (MeV)

100

50

100

150

200

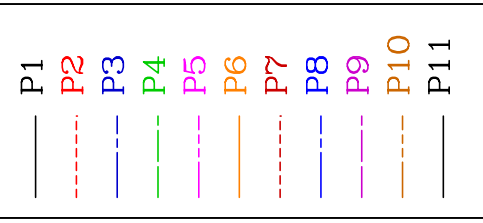
0.3

0.2

0.1

0.0

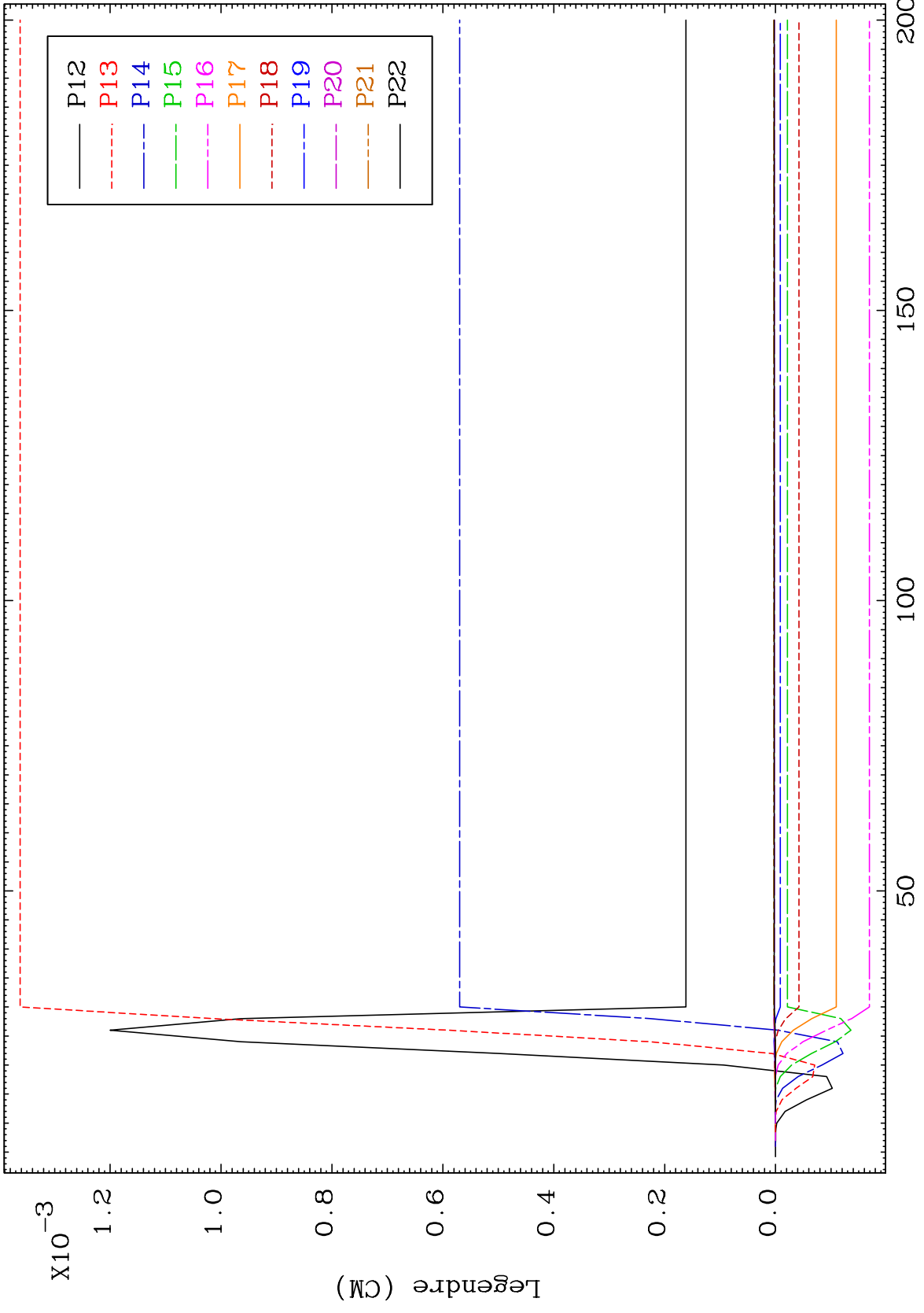
-0.1



MAT 3425

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

<sup>34</sup>Se-74



101

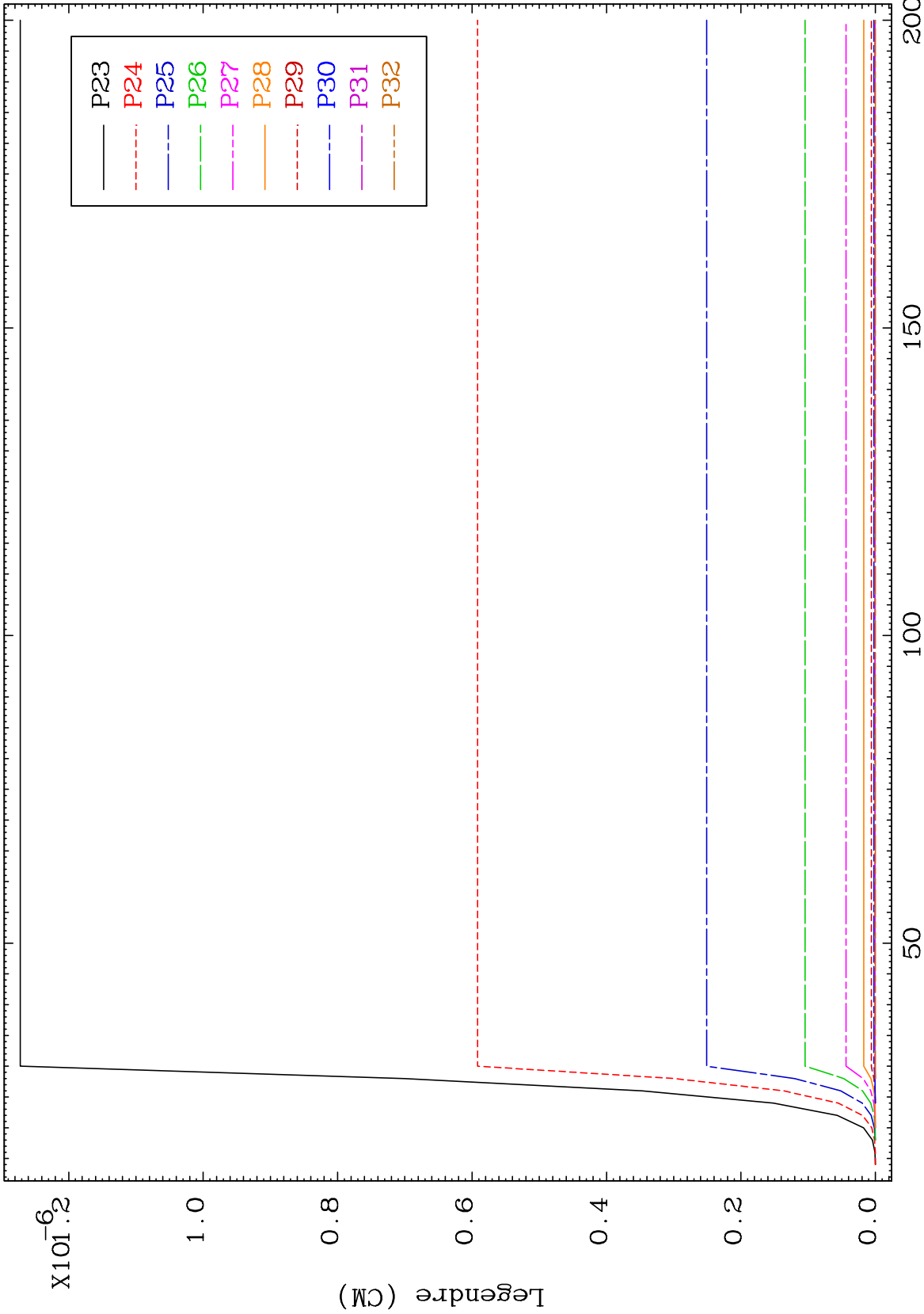
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



102

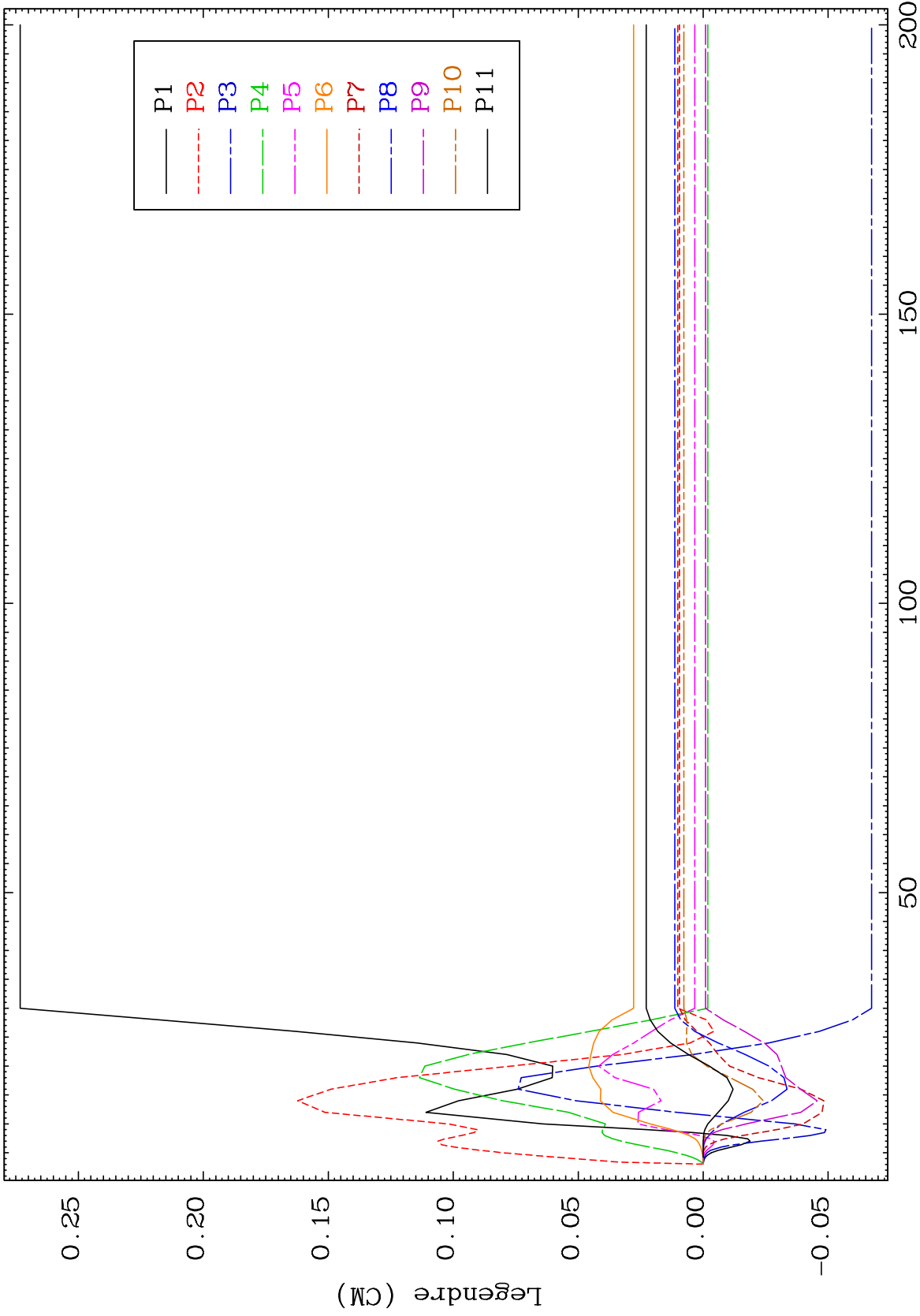
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



103

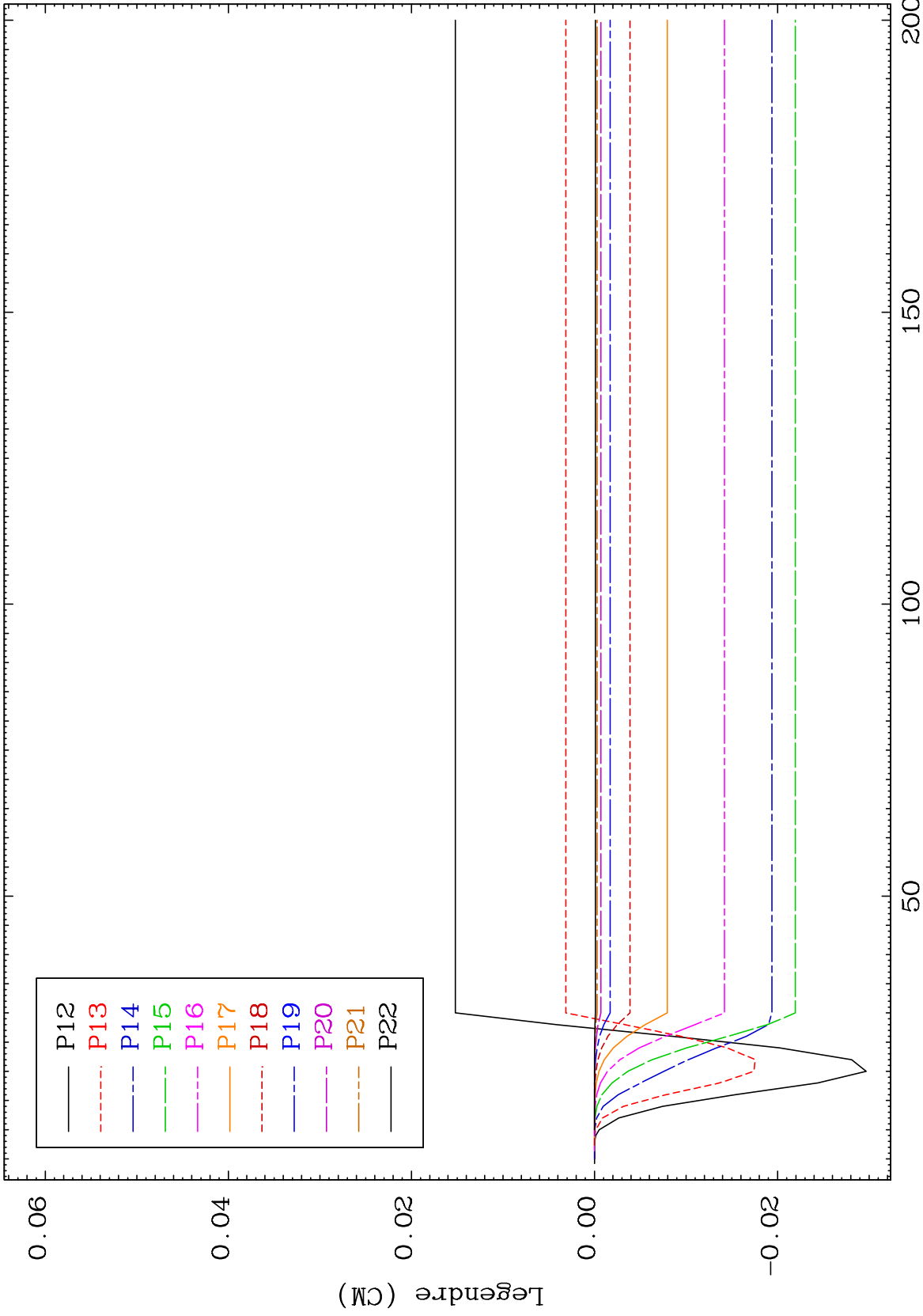
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74



104

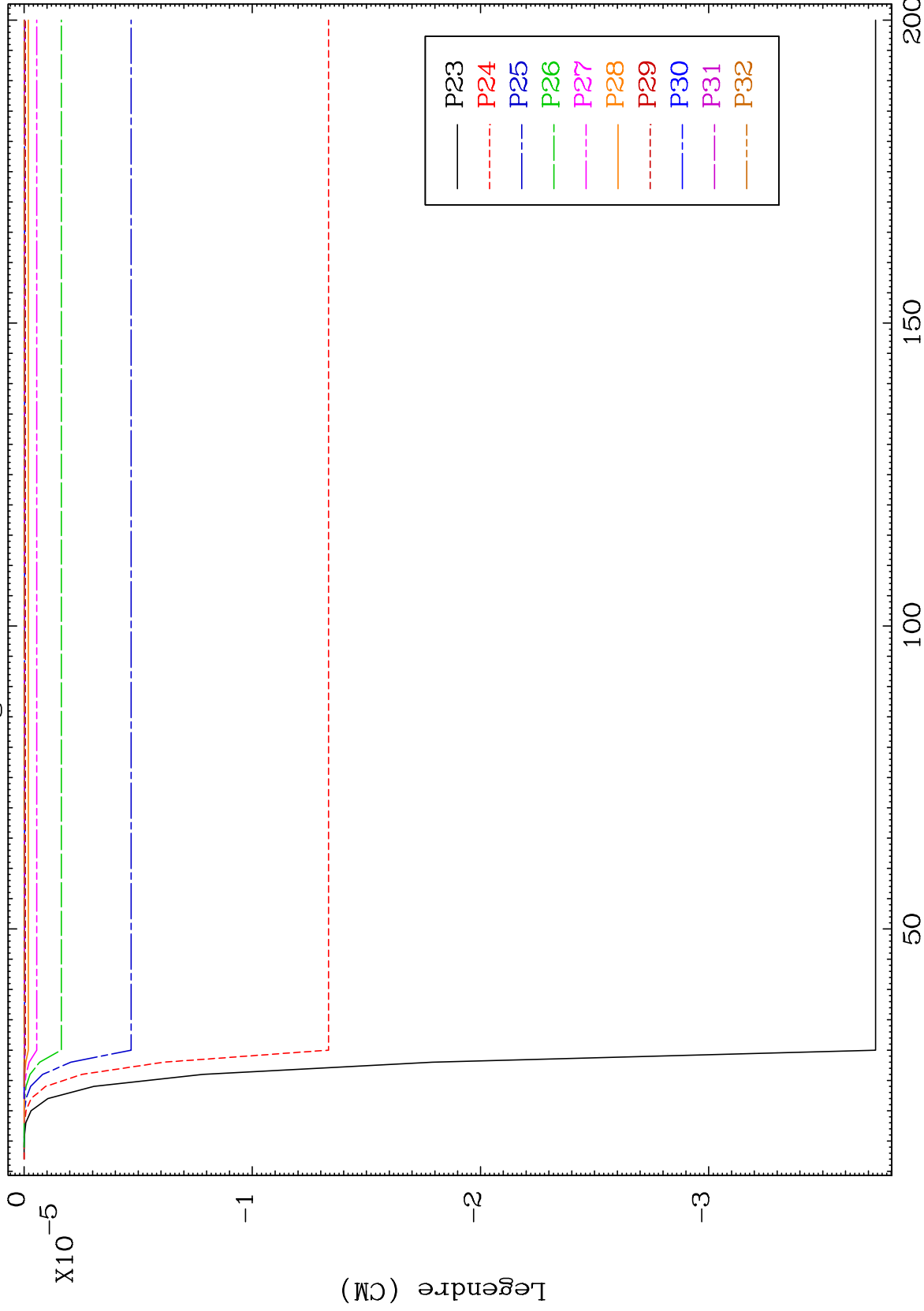
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



34-Se-74

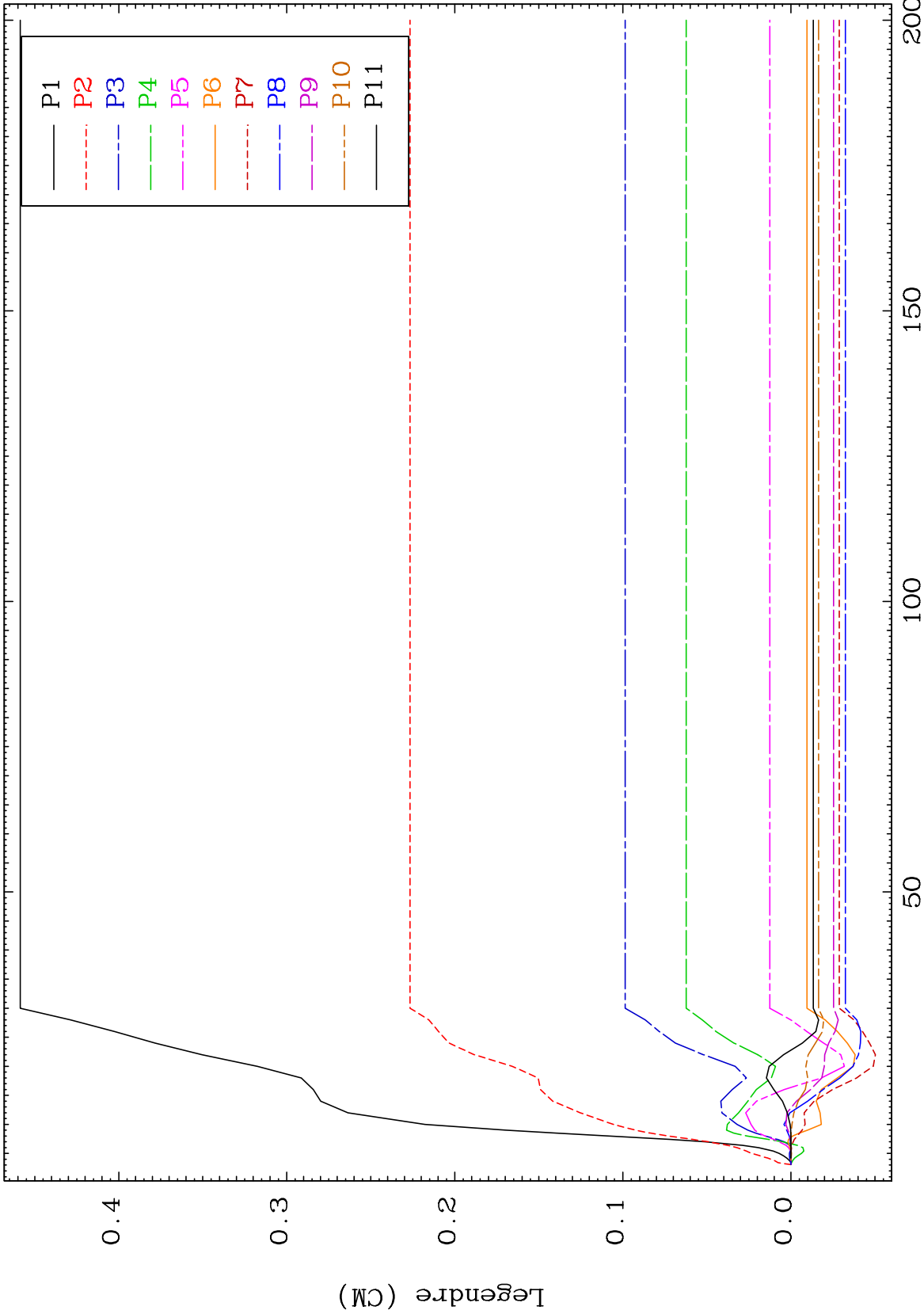
Incident Energy (MeV)

105

MAT 3425

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

34-Se-74



106

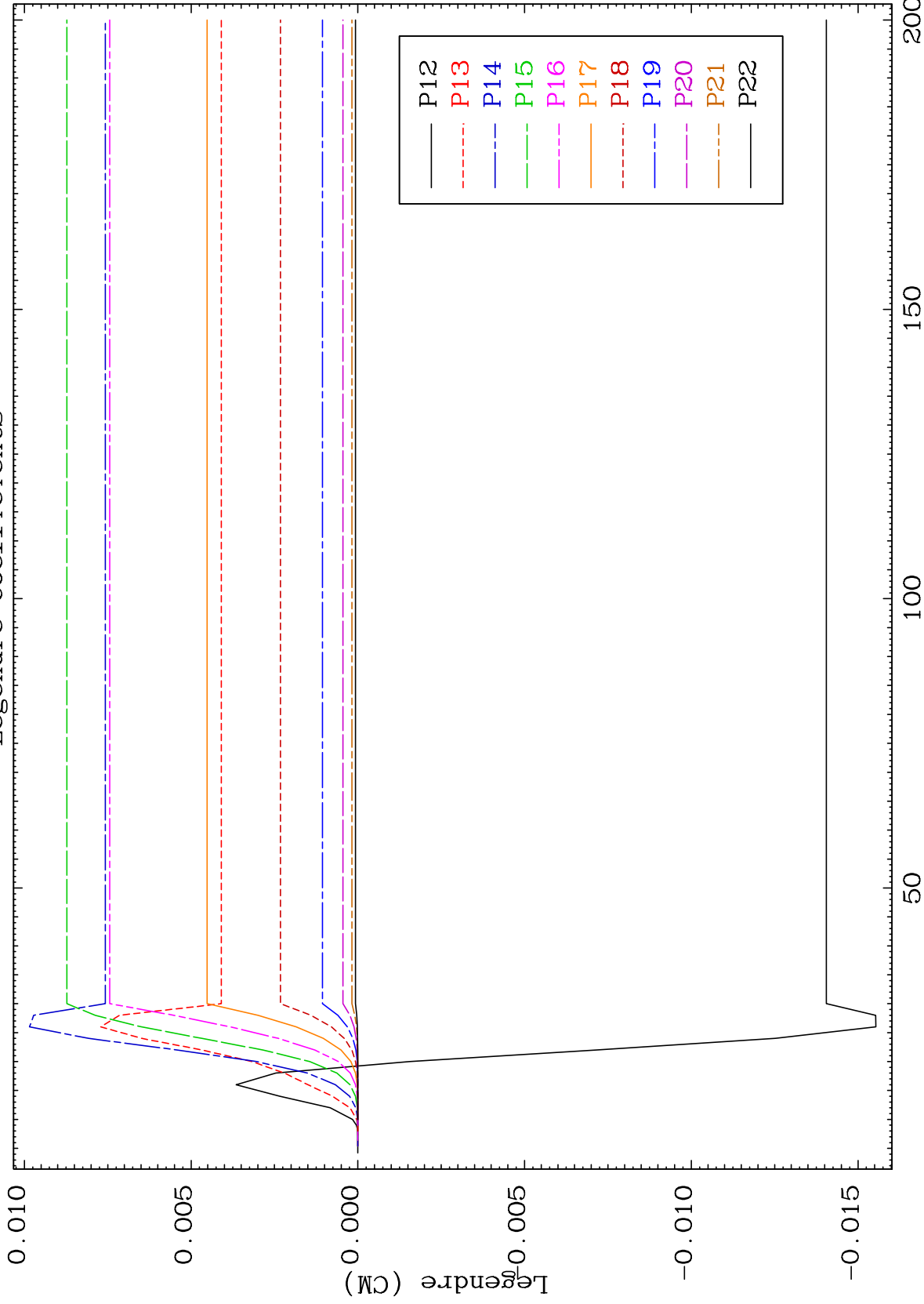
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



34-Se-74

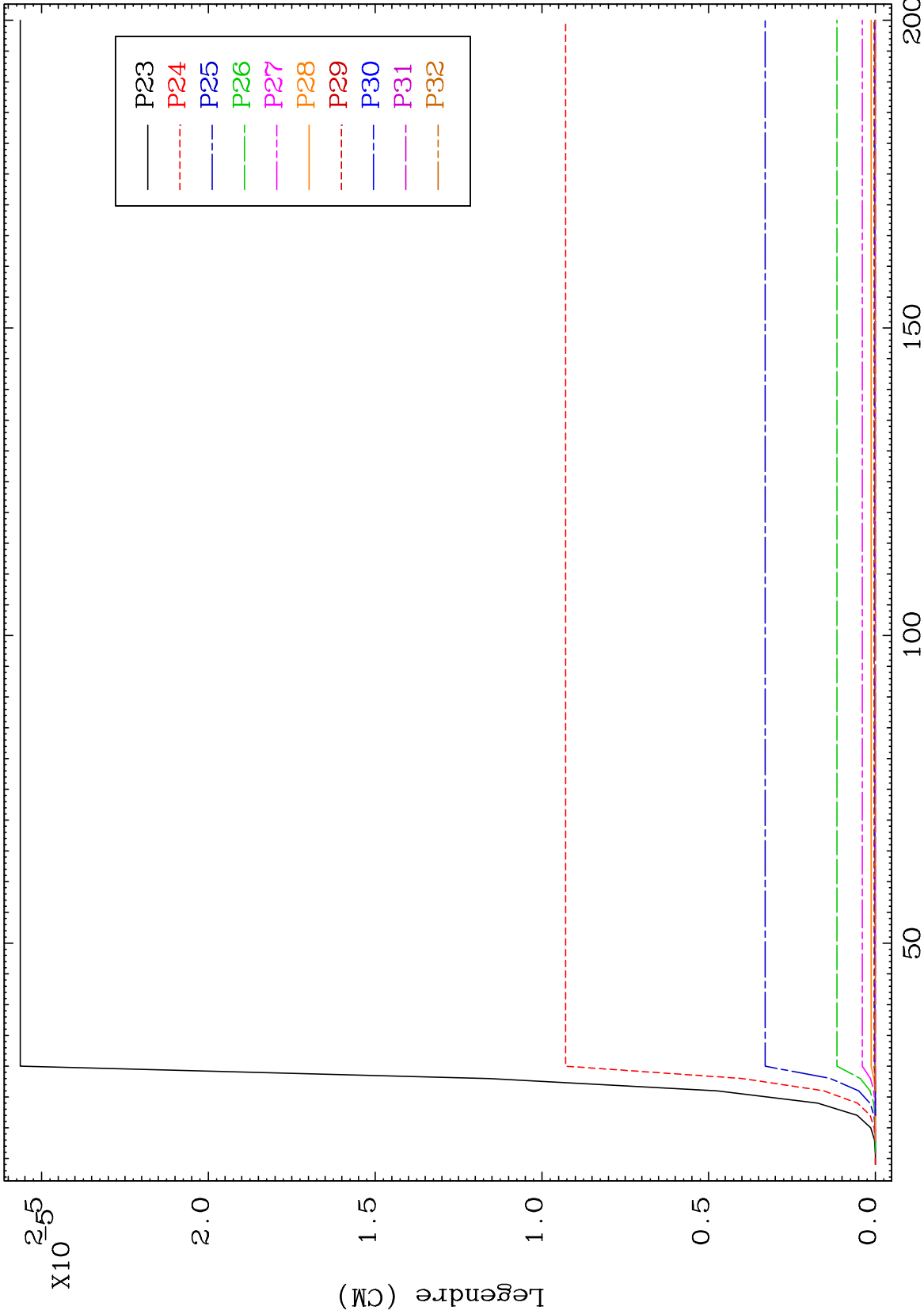
Incident Energy (MeV)

107

MAT 3425

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

<sup>34</sup>Se-74



108

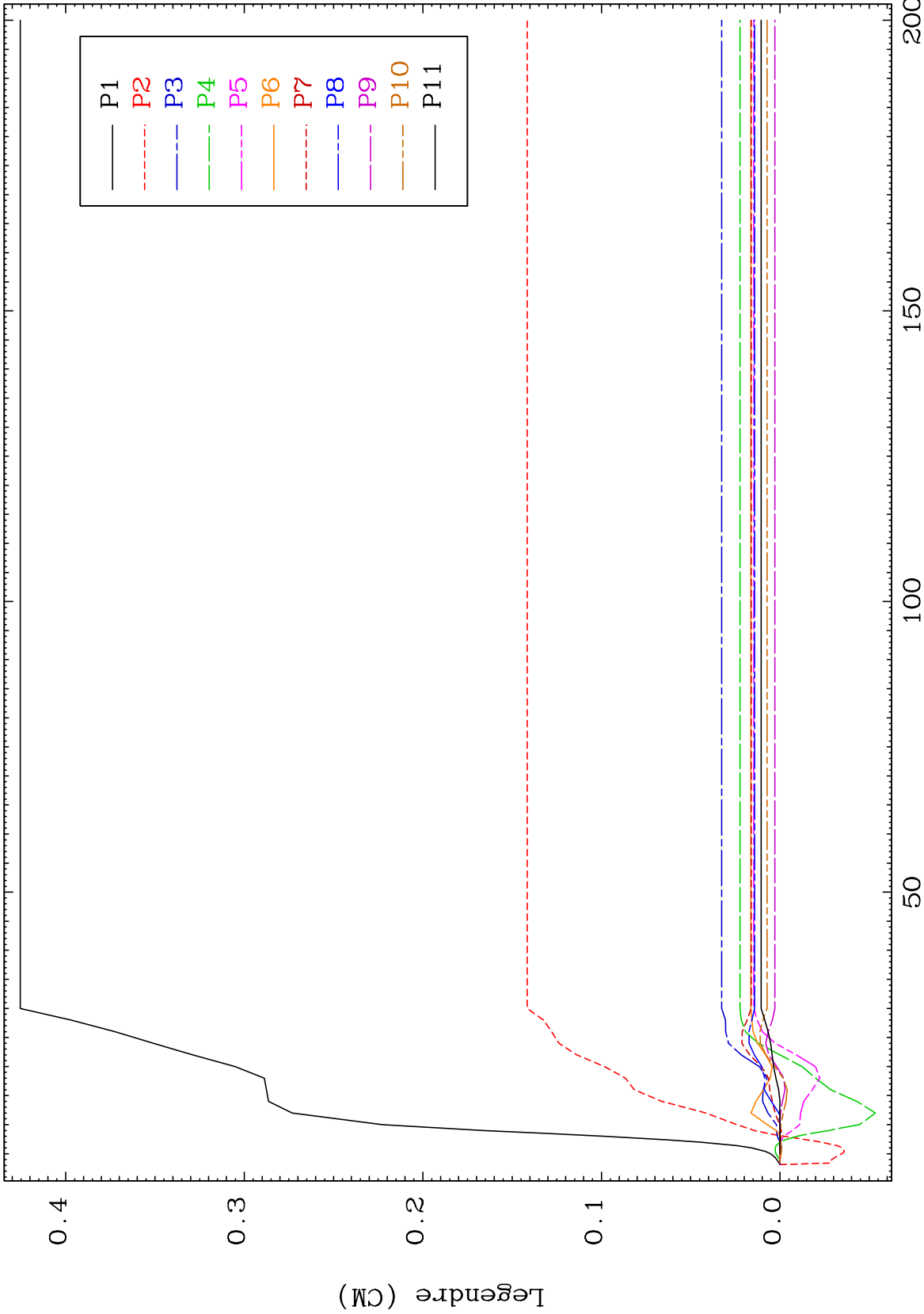
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



109

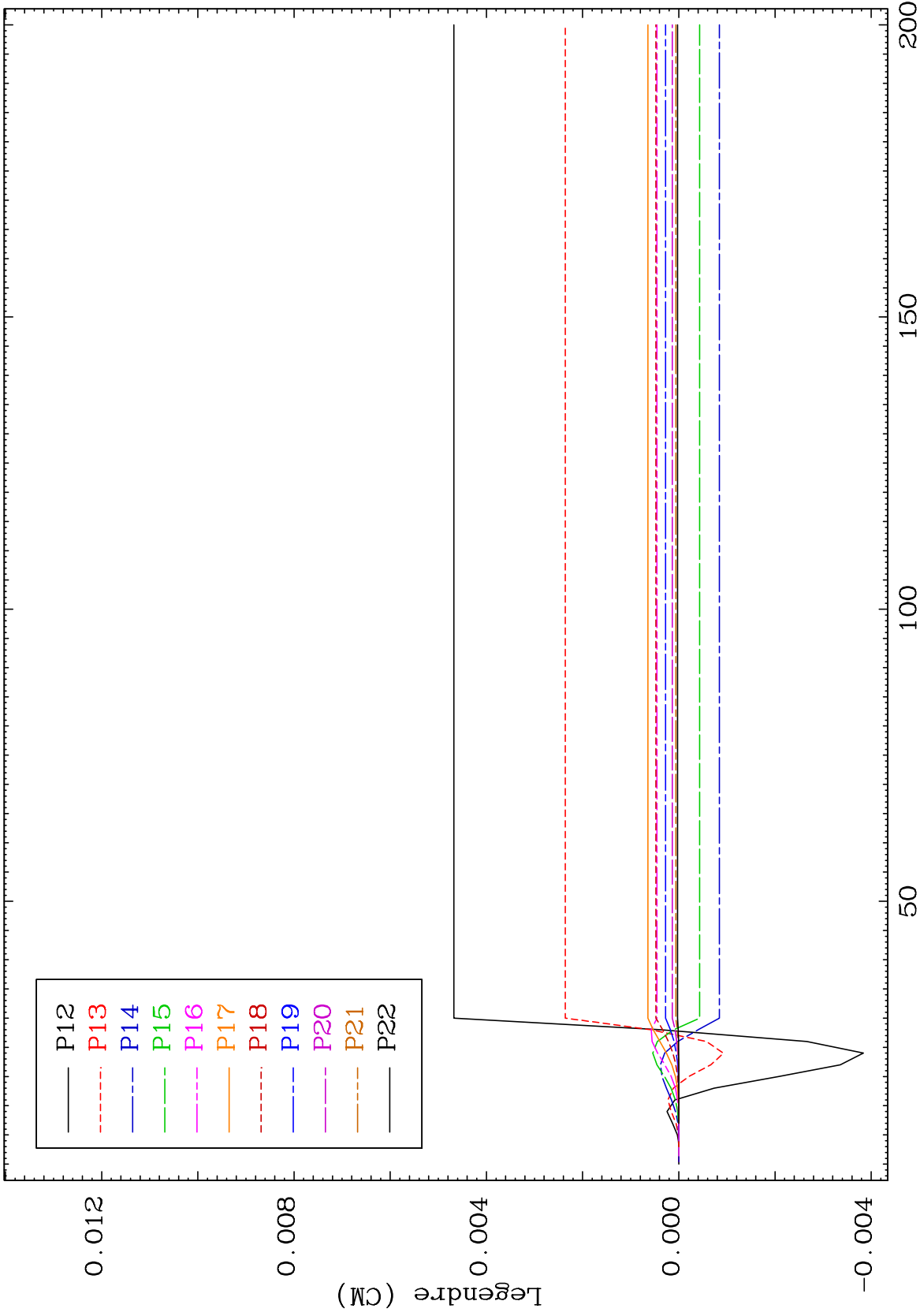
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



110

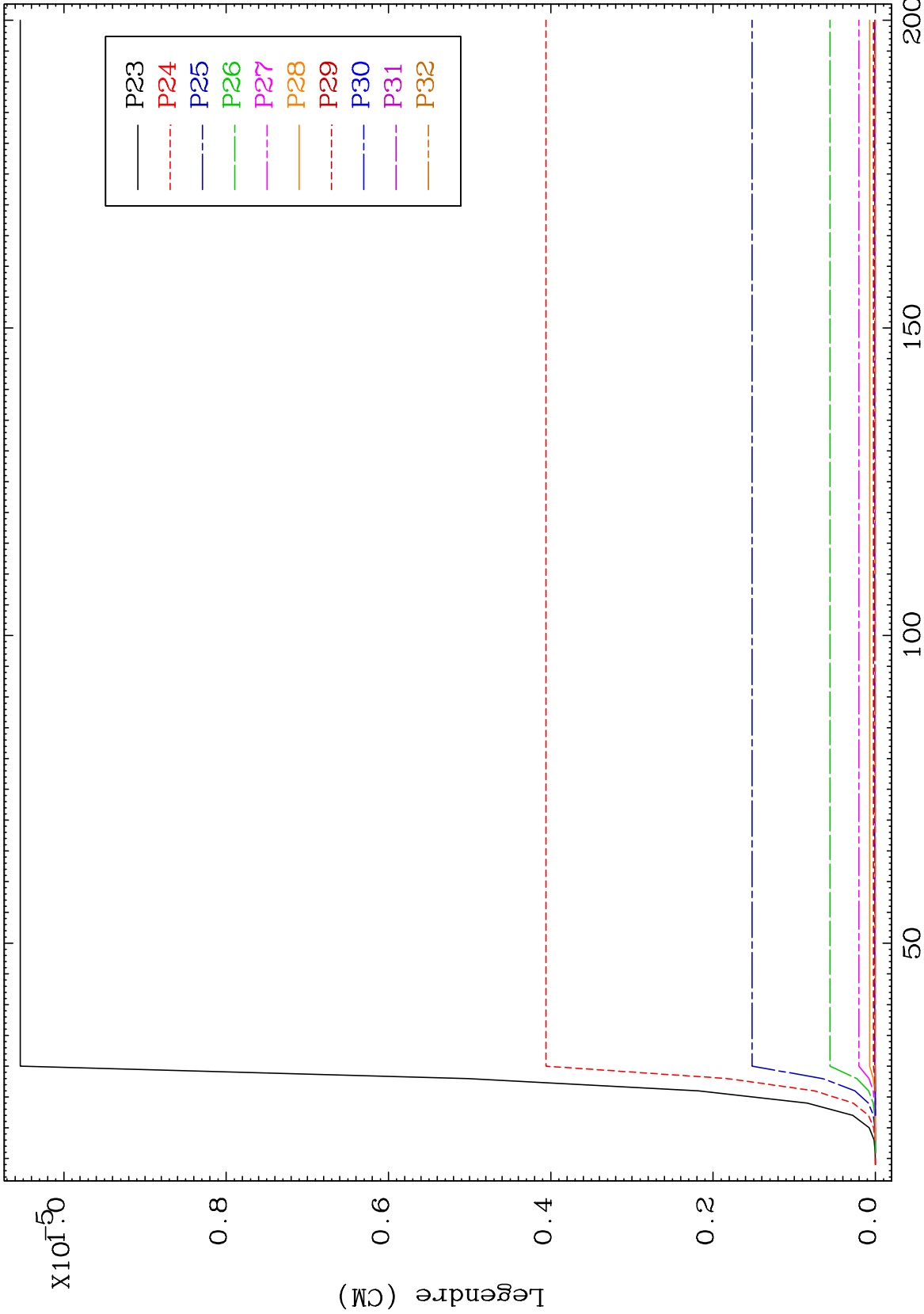
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



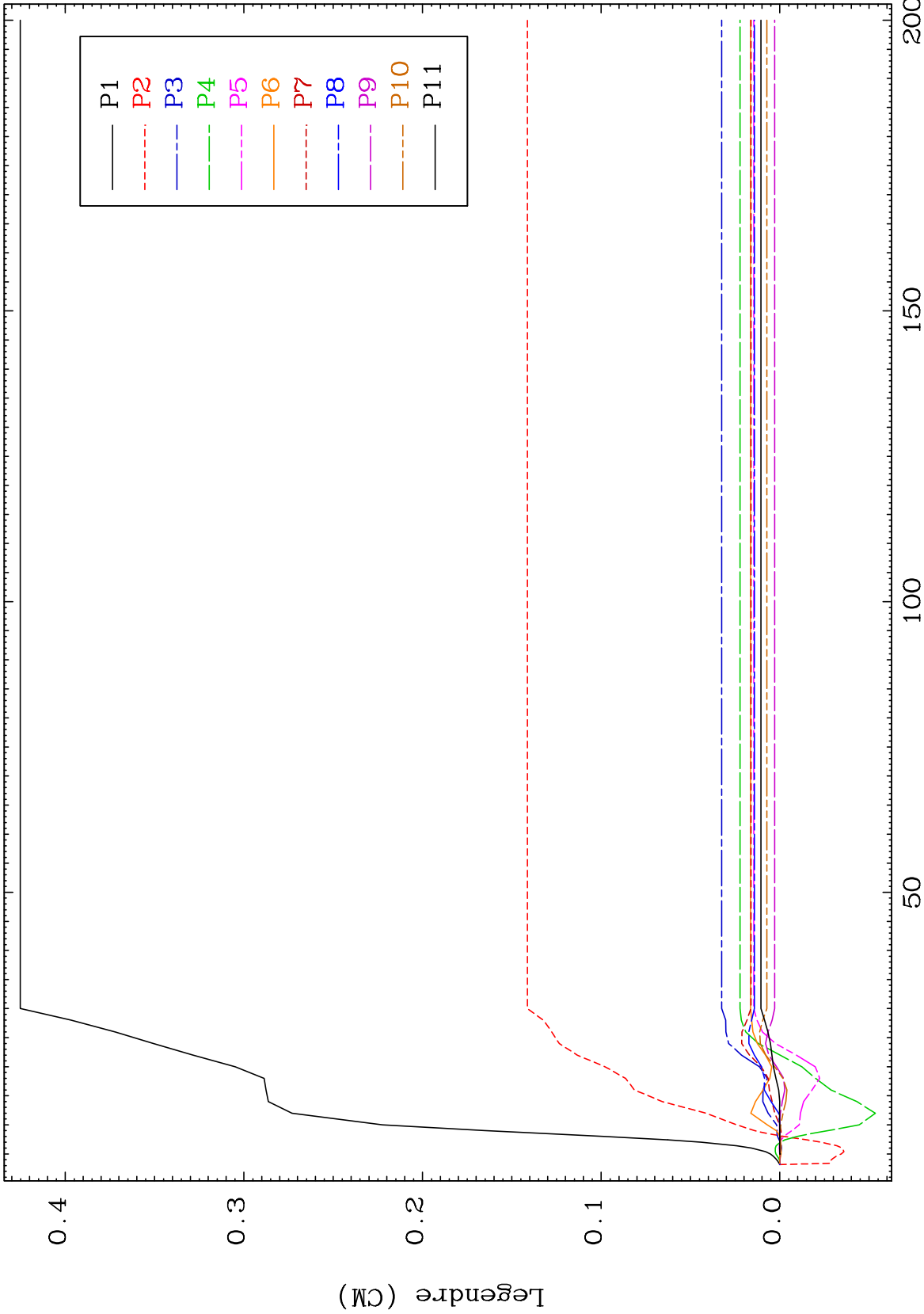
111

34-Se-74

MAT 3425

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

34-Se-74



112

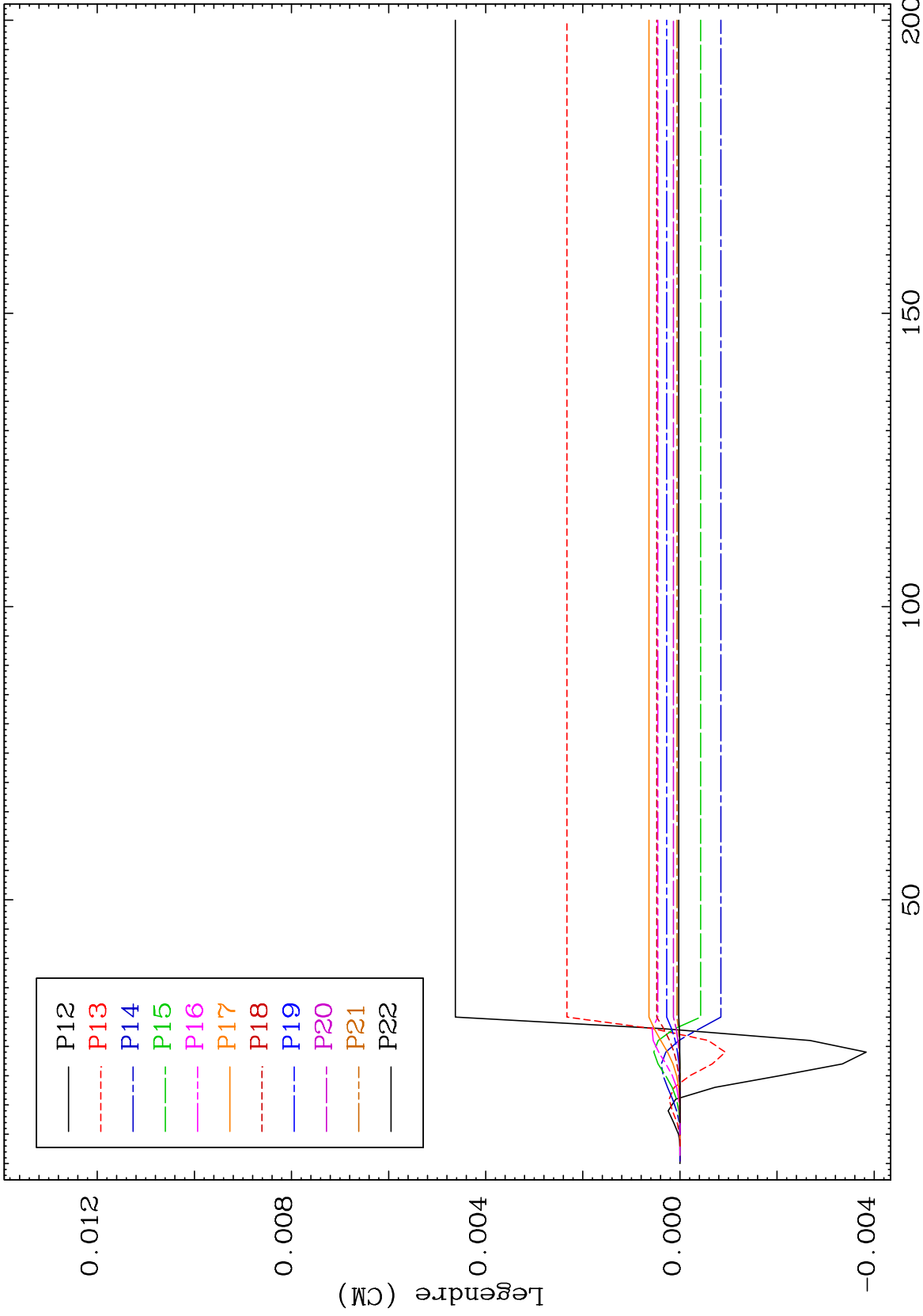
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



113

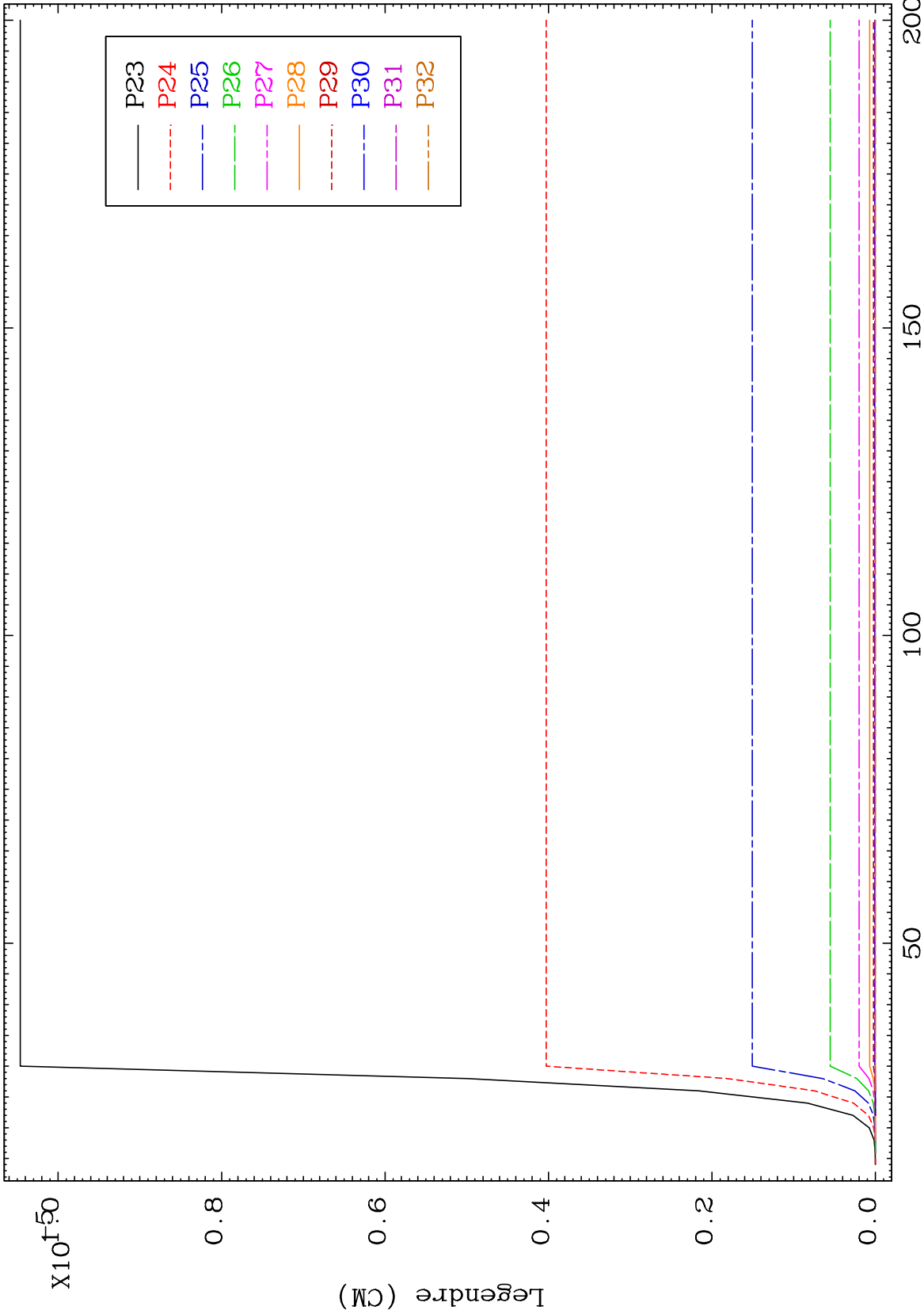
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74



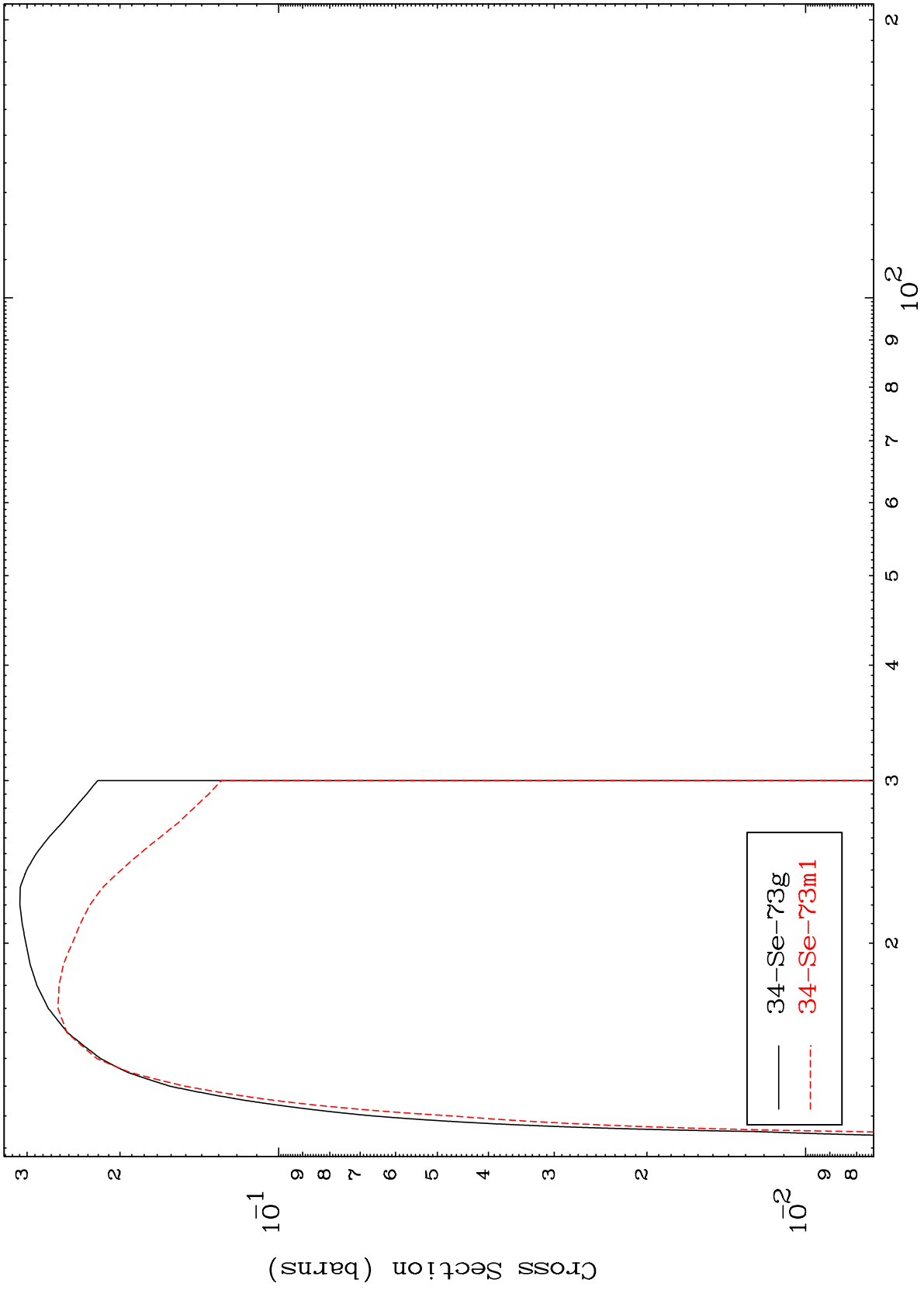
114

<sup>34</sup>Se-74

MAT 3425

<sup>34</sup>Se-74

Radionuclide Production Cross Section  
(n,2n)



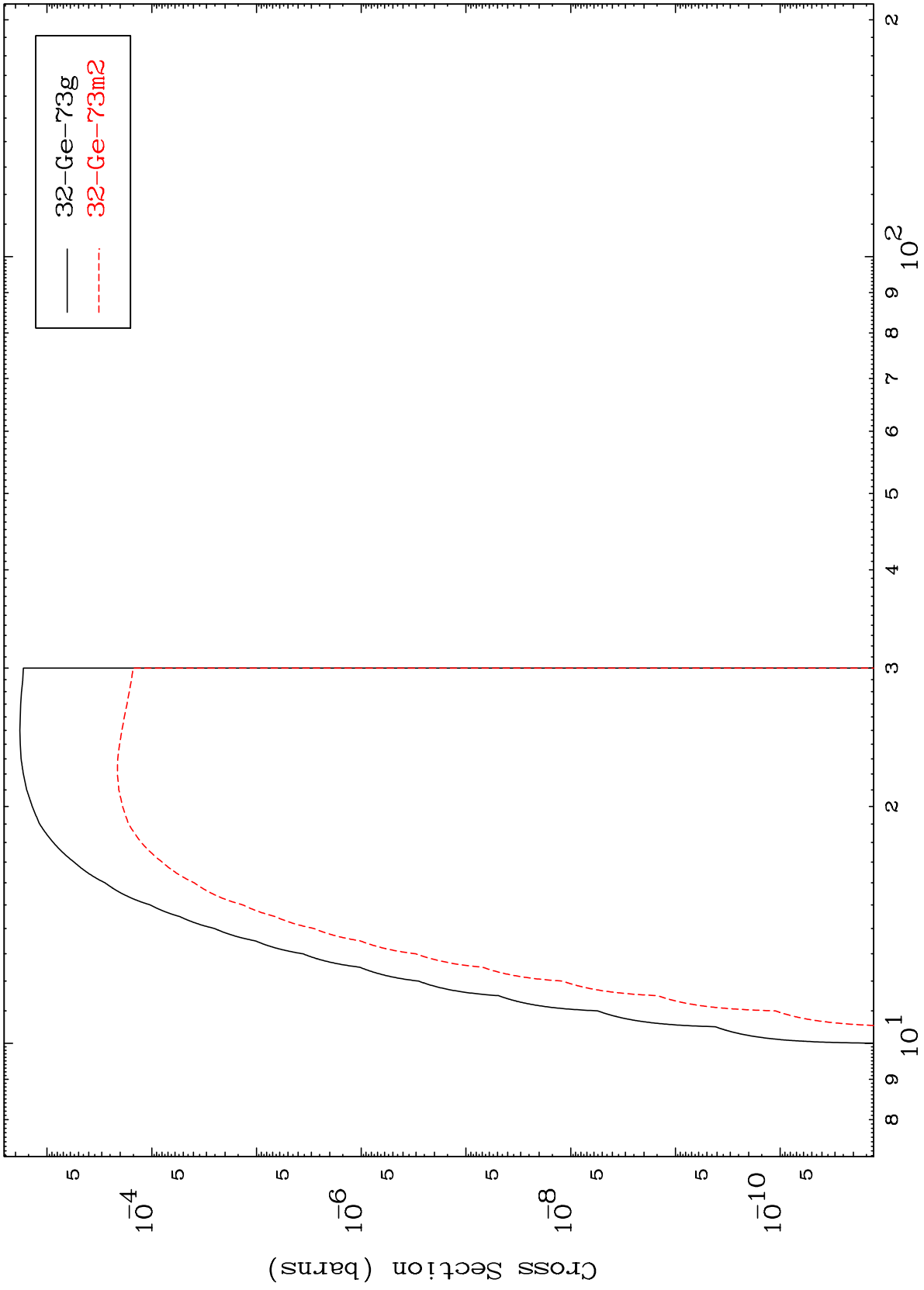
115

<sup>34</sup>Se-74

MAT 3425

<sup>34</sup>Se-74

(n,2p)  
Radionuclide Production Cross Section



116

<sup>34</sup>Se-74