

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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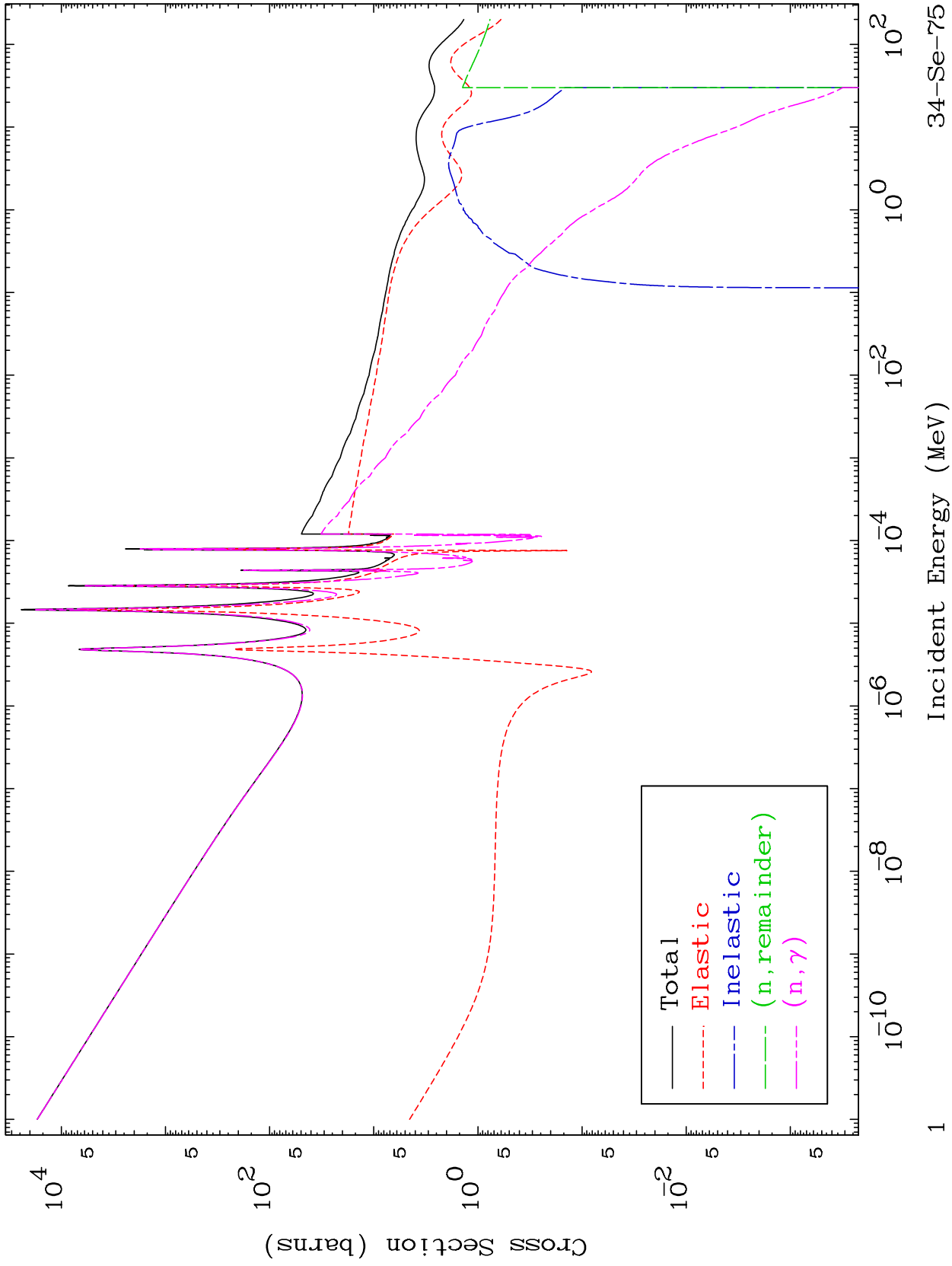
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3428

Major  
293 Kelvin Cross Sections

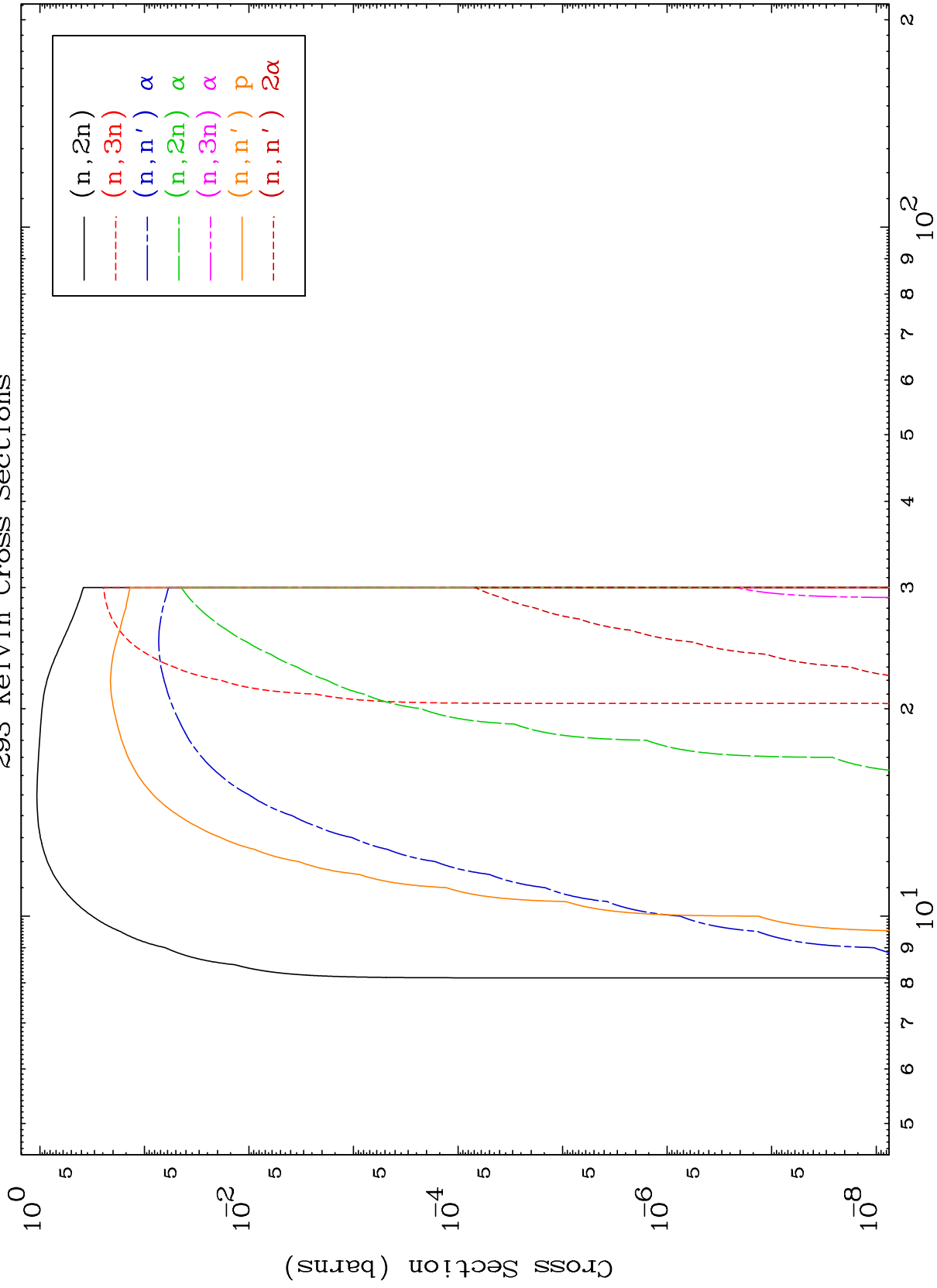
34-Se-75



MAT 3428

Neutron Production  
293 Kelvin Cross Sections

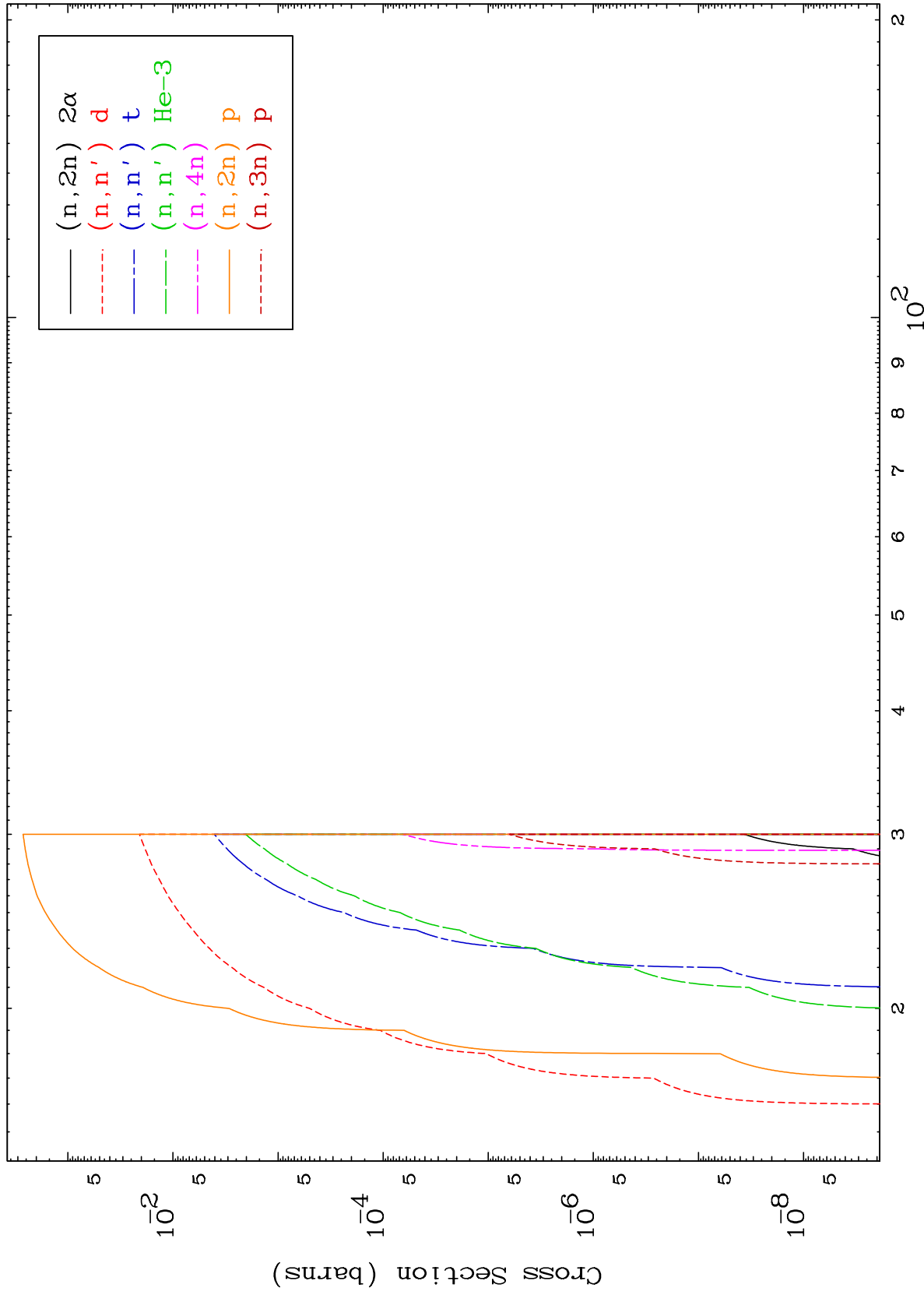
34-Se-75



2

Incident Energy (MeV)

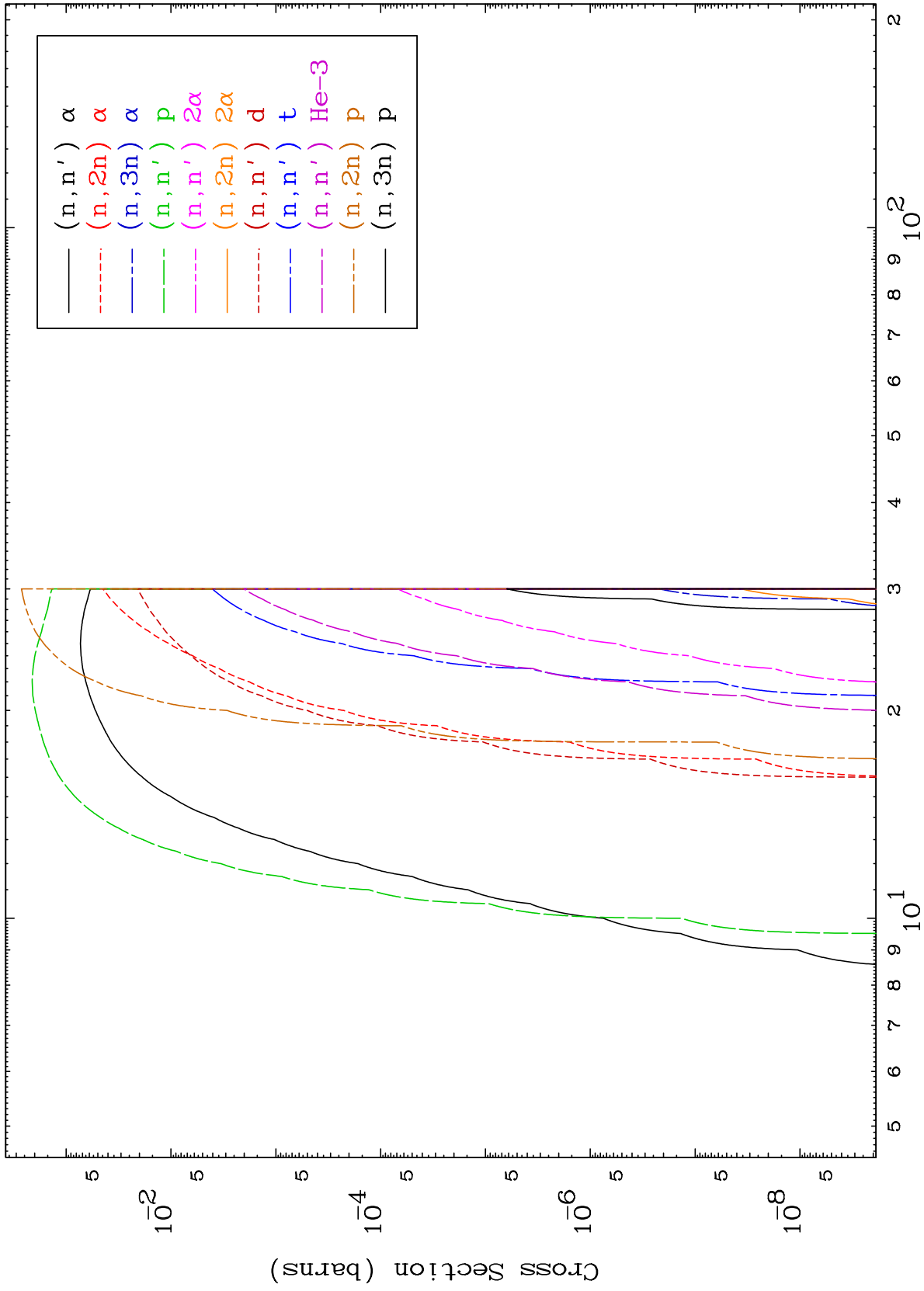
34-Se-75



MAT 3428

Charged Particle  
293 Kelvin Cross Sections

34-Se-75



4

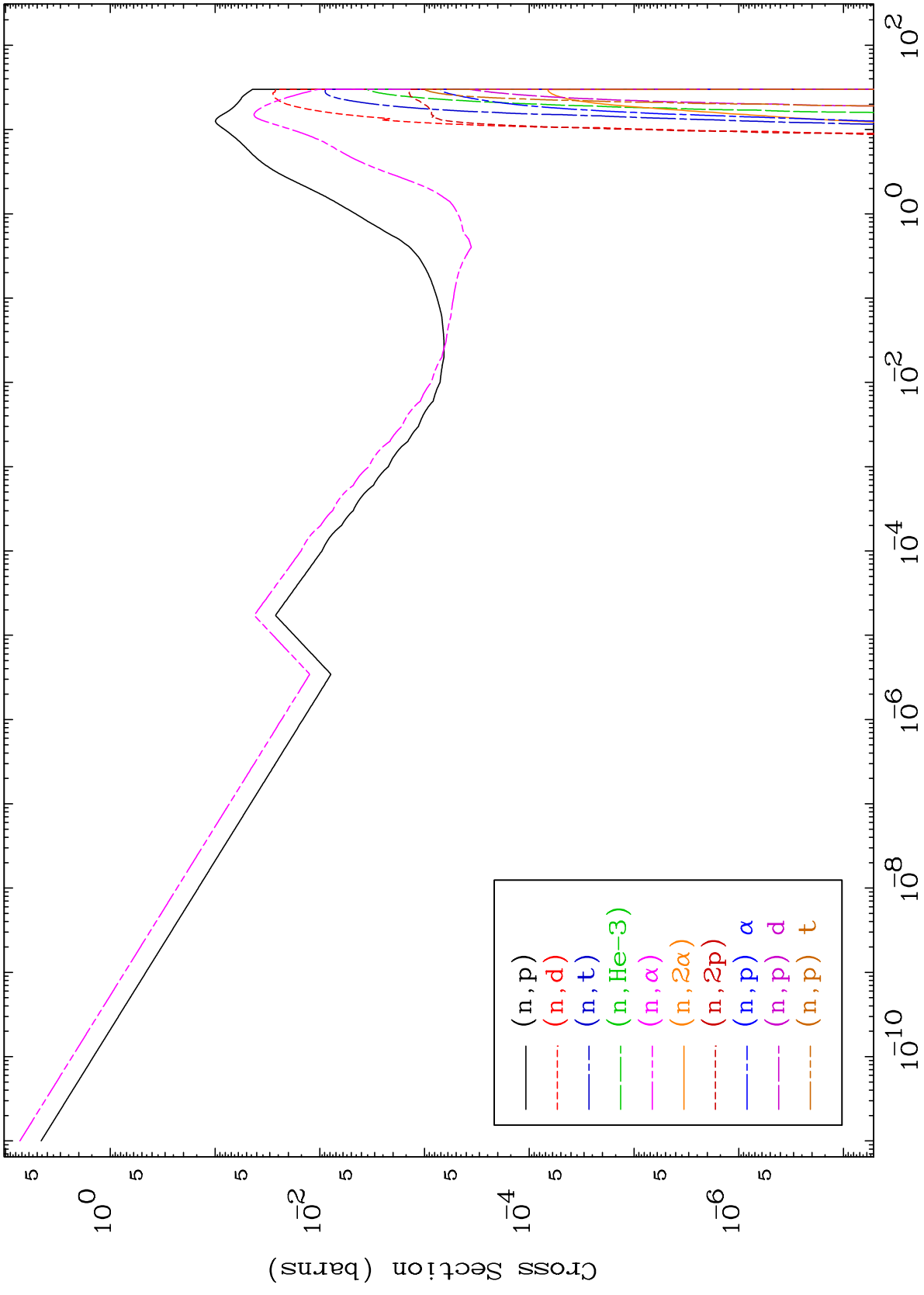
Incident Energy (MeV)

34-Se-75

MAT 3428

Charged Particle  
293 Kelvin Cross Sections

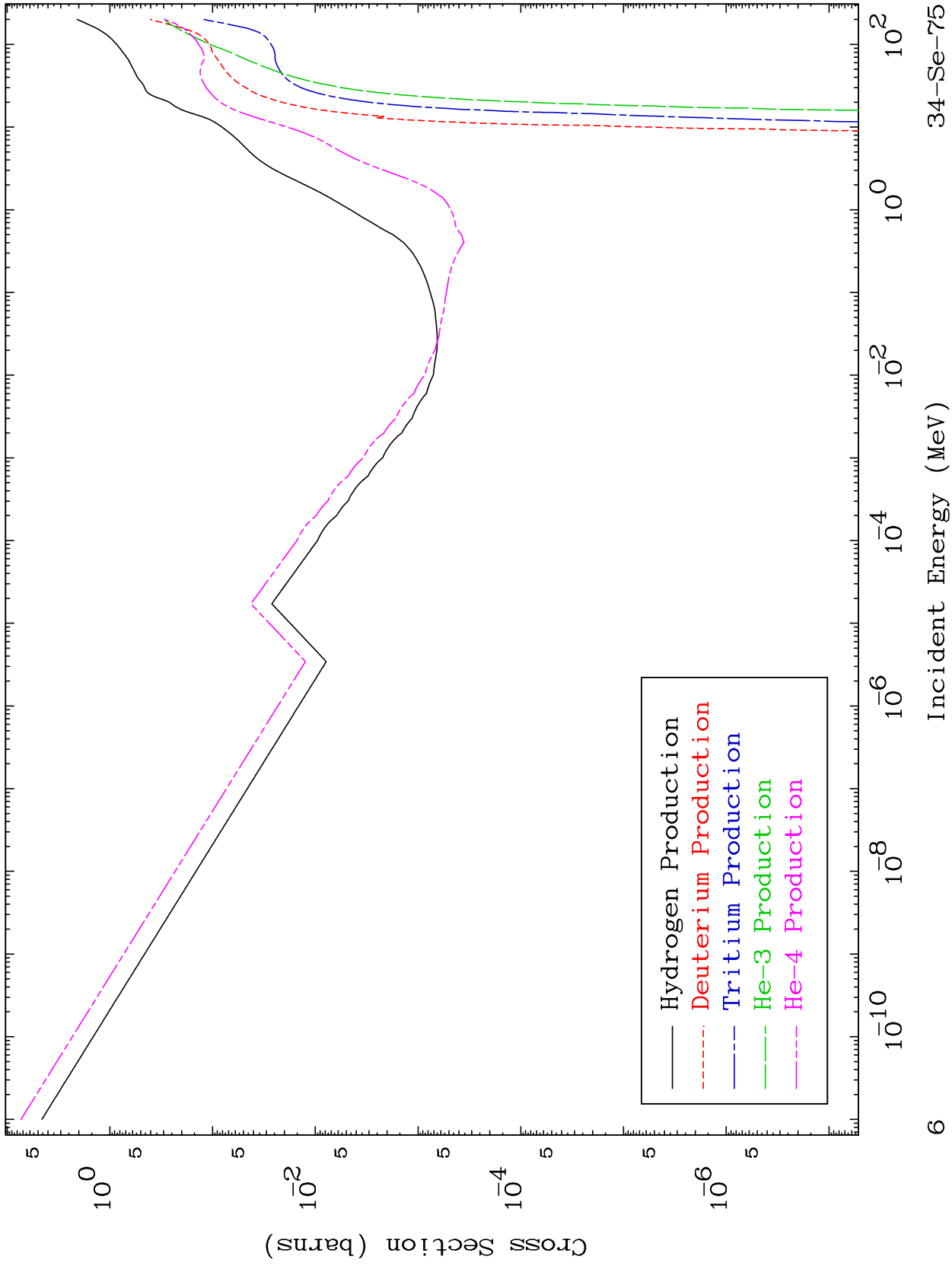
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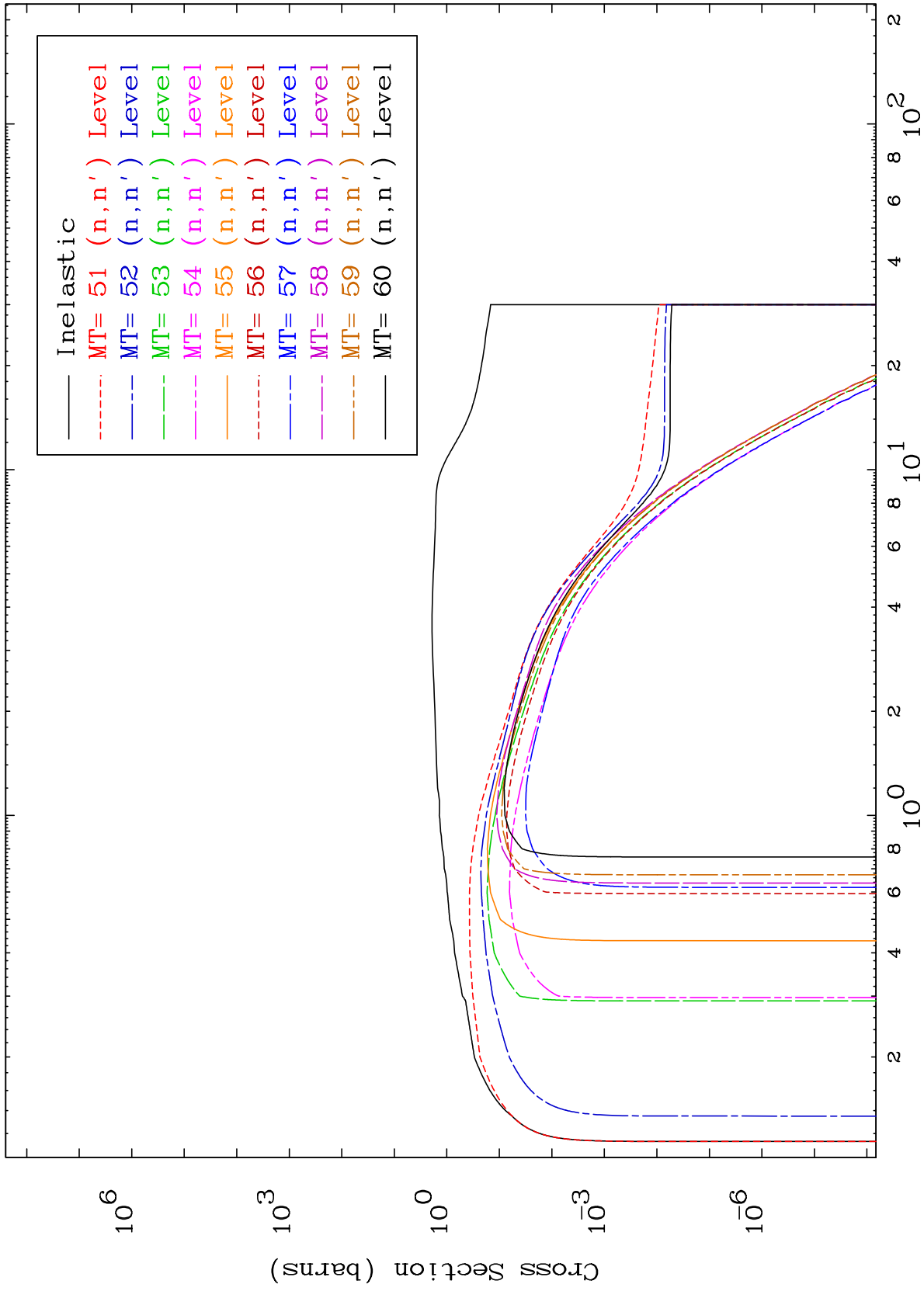


MAT 3428

Particle Production  
293 Kelvin Cross Sections

34-Se-75



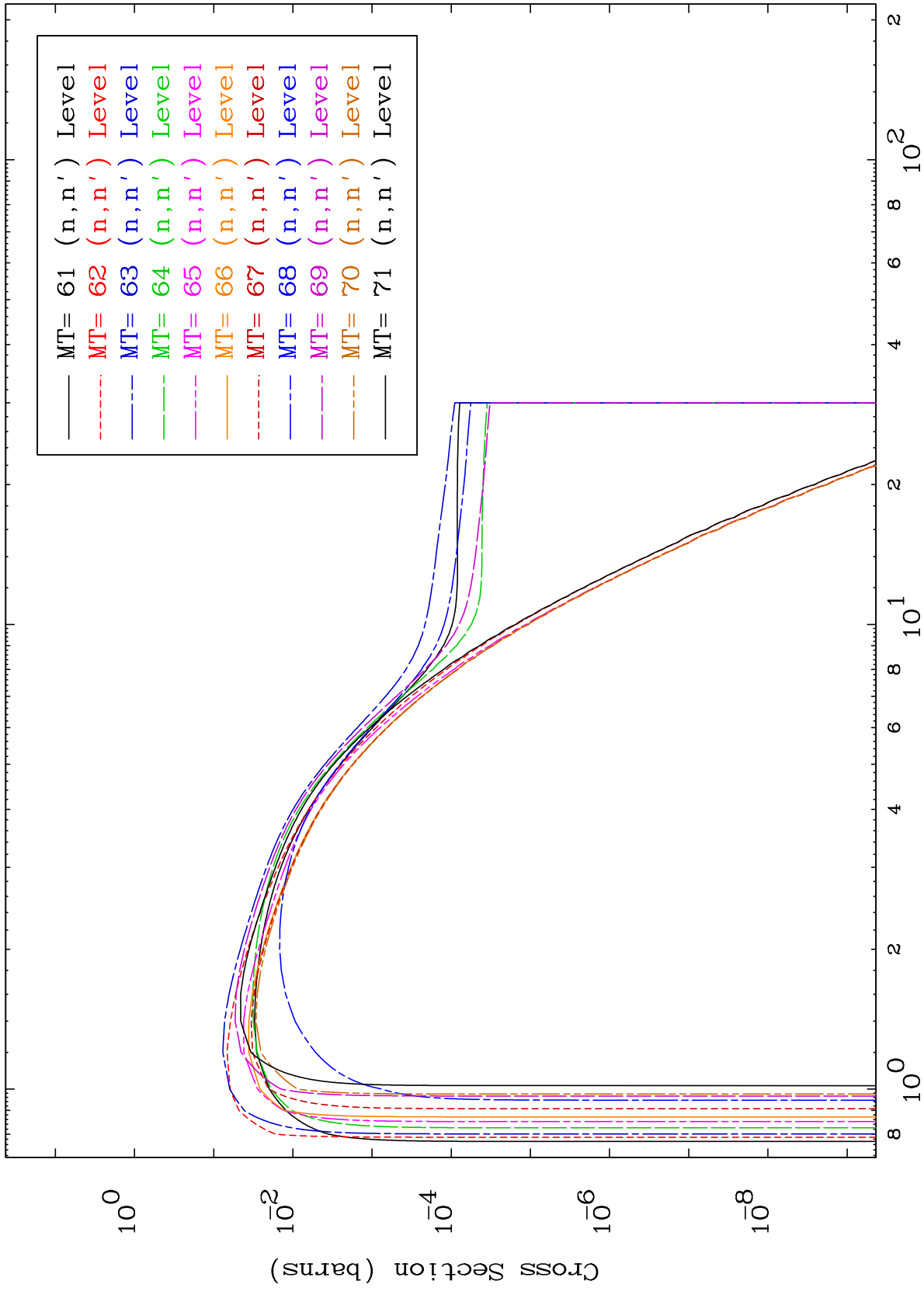


MAT 3428

(n,n') Level

34-Se-75

293 Kelvin Cross Sections



8

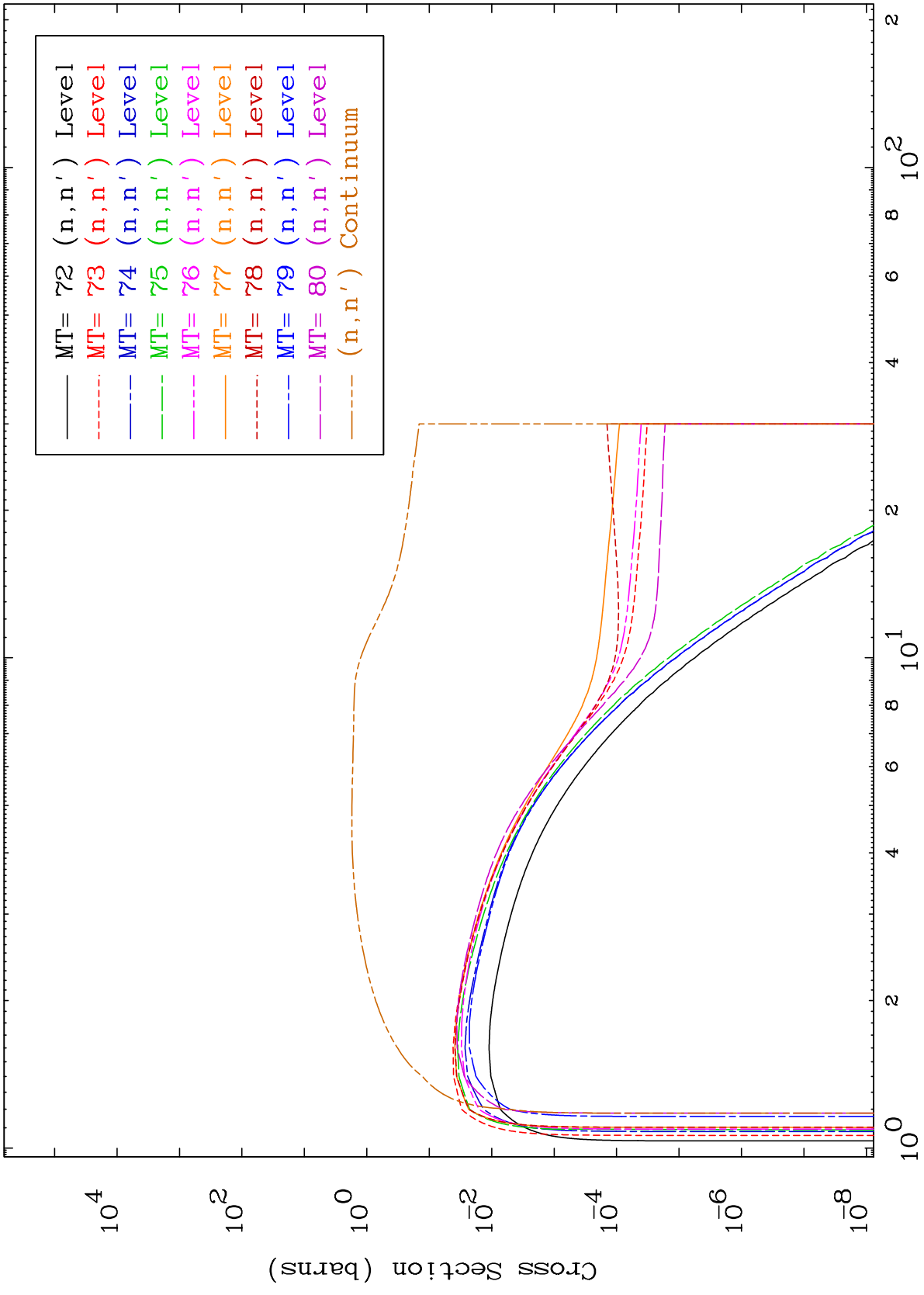
Incident Energy (MeV)

34-Se-75

MAT 3428

(n,n') Level  
293 Kelvin Cross Sections

34-Se-75



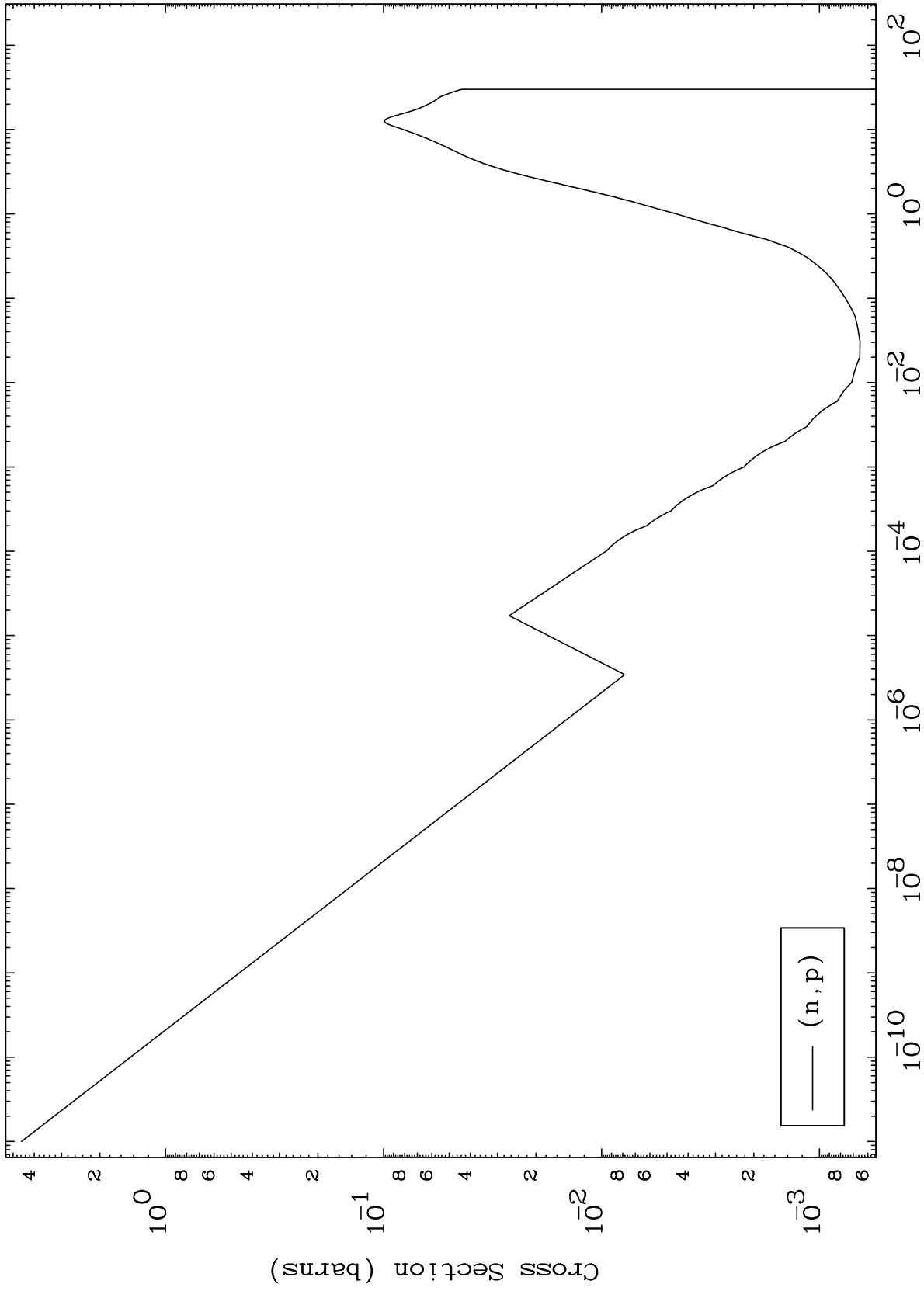
Incident Energy (MeV)

34-Se-75

MAT 3428

(n,p) Levels  
293 Kelvin Cross Sections

34-Se-75



10

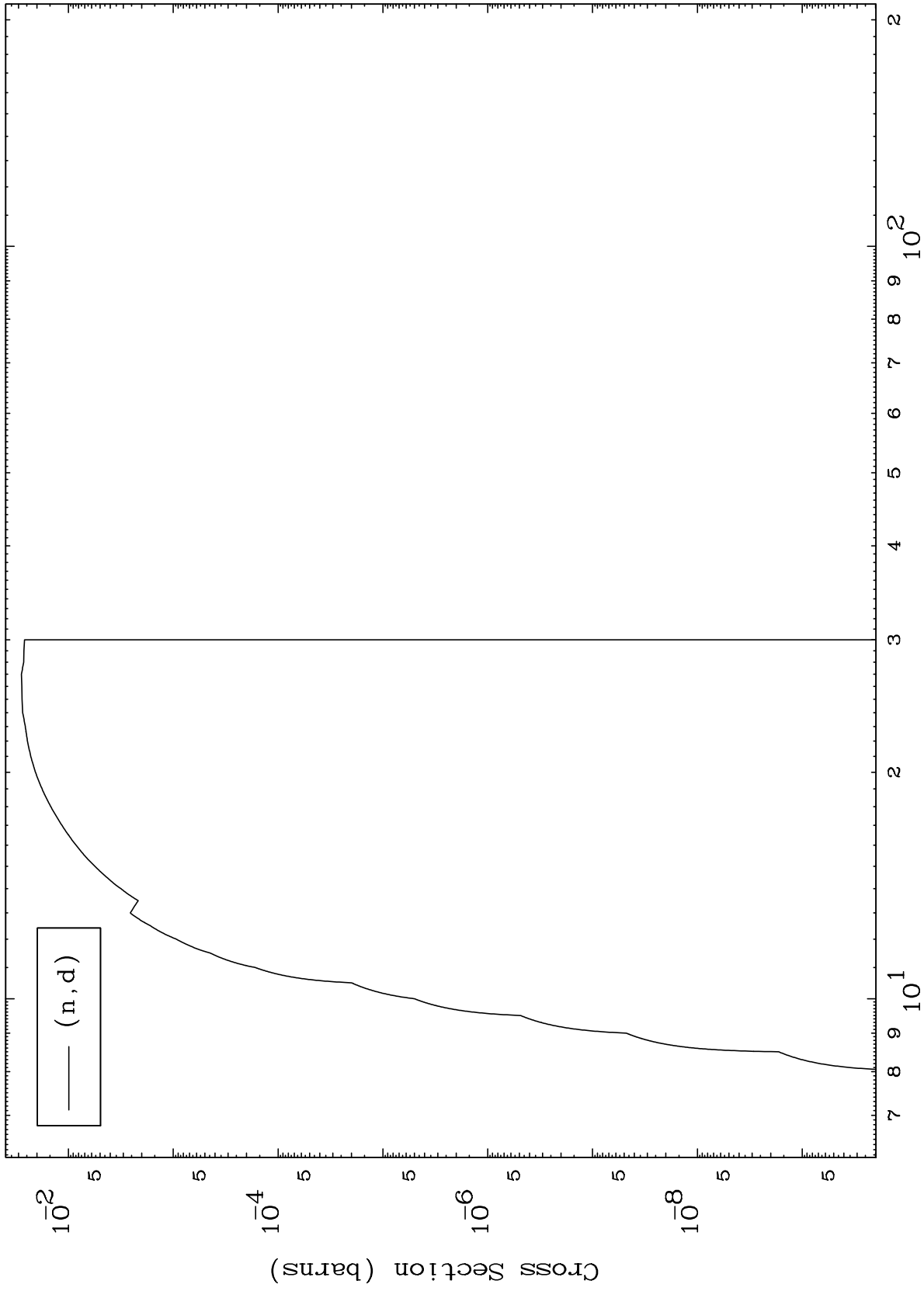
Incident Energy (MeV)

34-Se-75

MAT 3428

(n,d) Levels  
293 Kelvin Cross Sections

34-Se-75



11

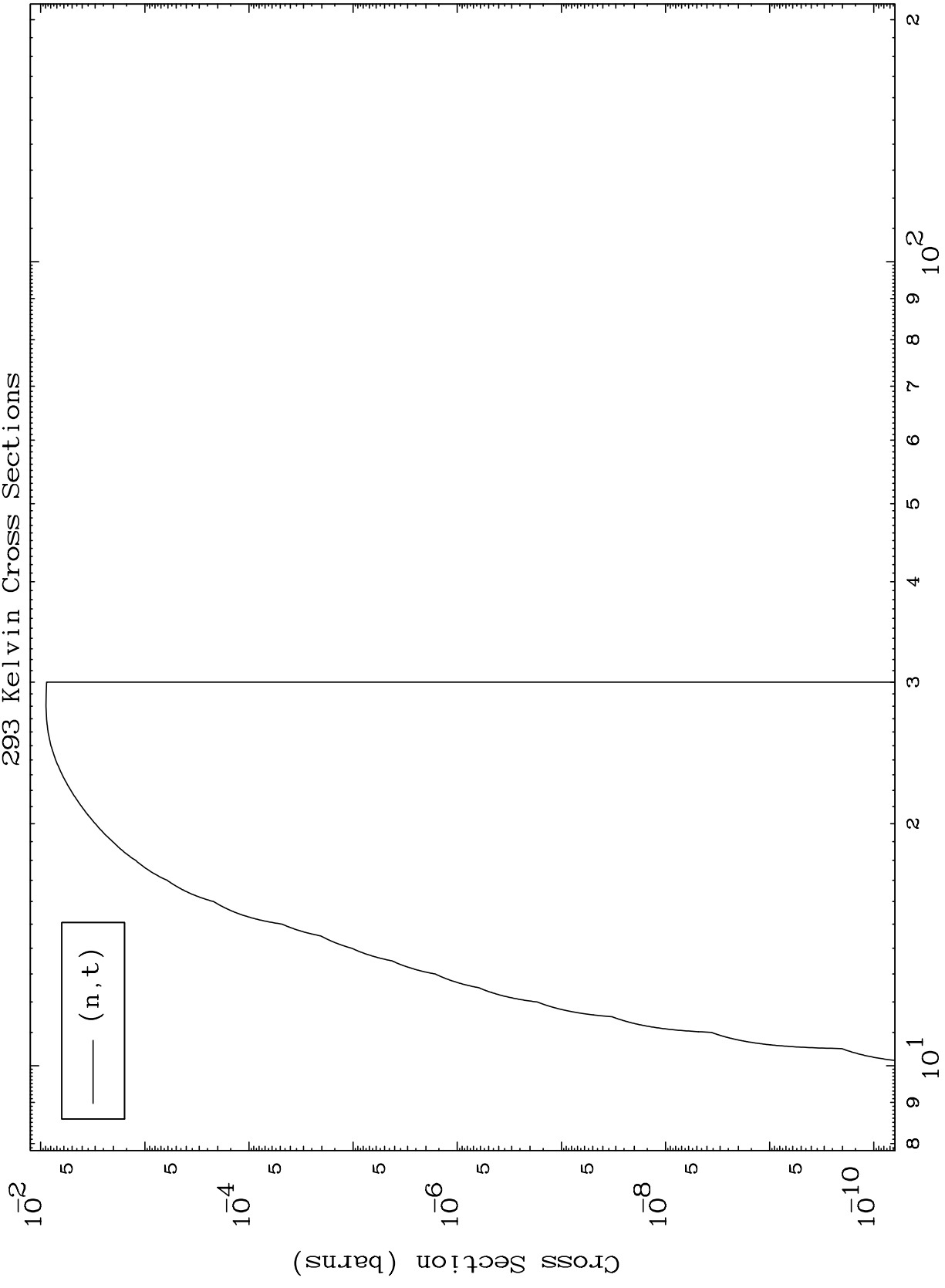
Incident Energy (MeV)

34-Se-75

MAT 3428

(n,t) Levels  
293 Kelvin Cross Sections

34-Se-75



12

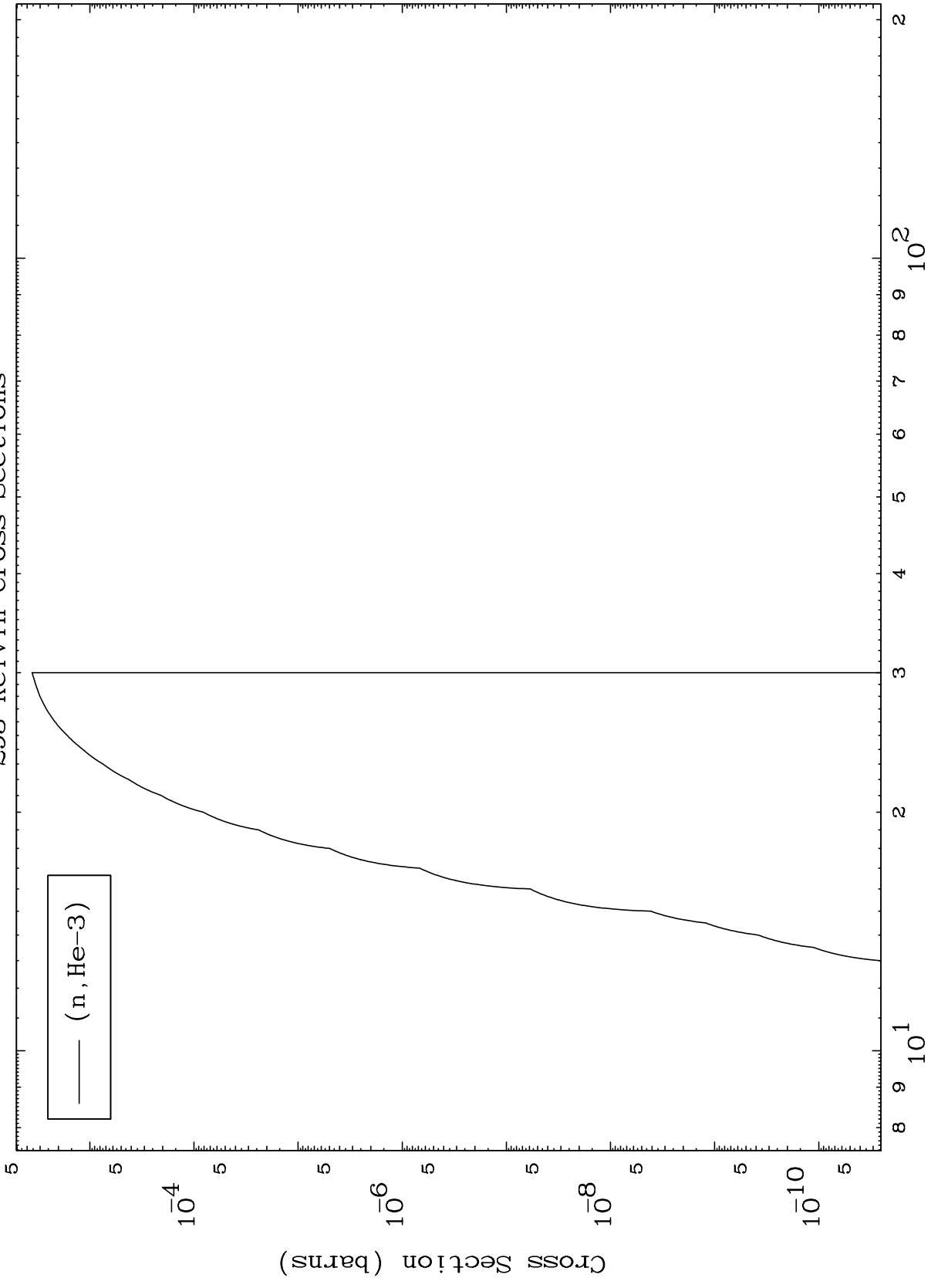
Incident Energy (MeV)

34-Se-75

MAT 3428

(n,He3) Levels  
293 Kelvin Cross Sections

34-Se-75



13

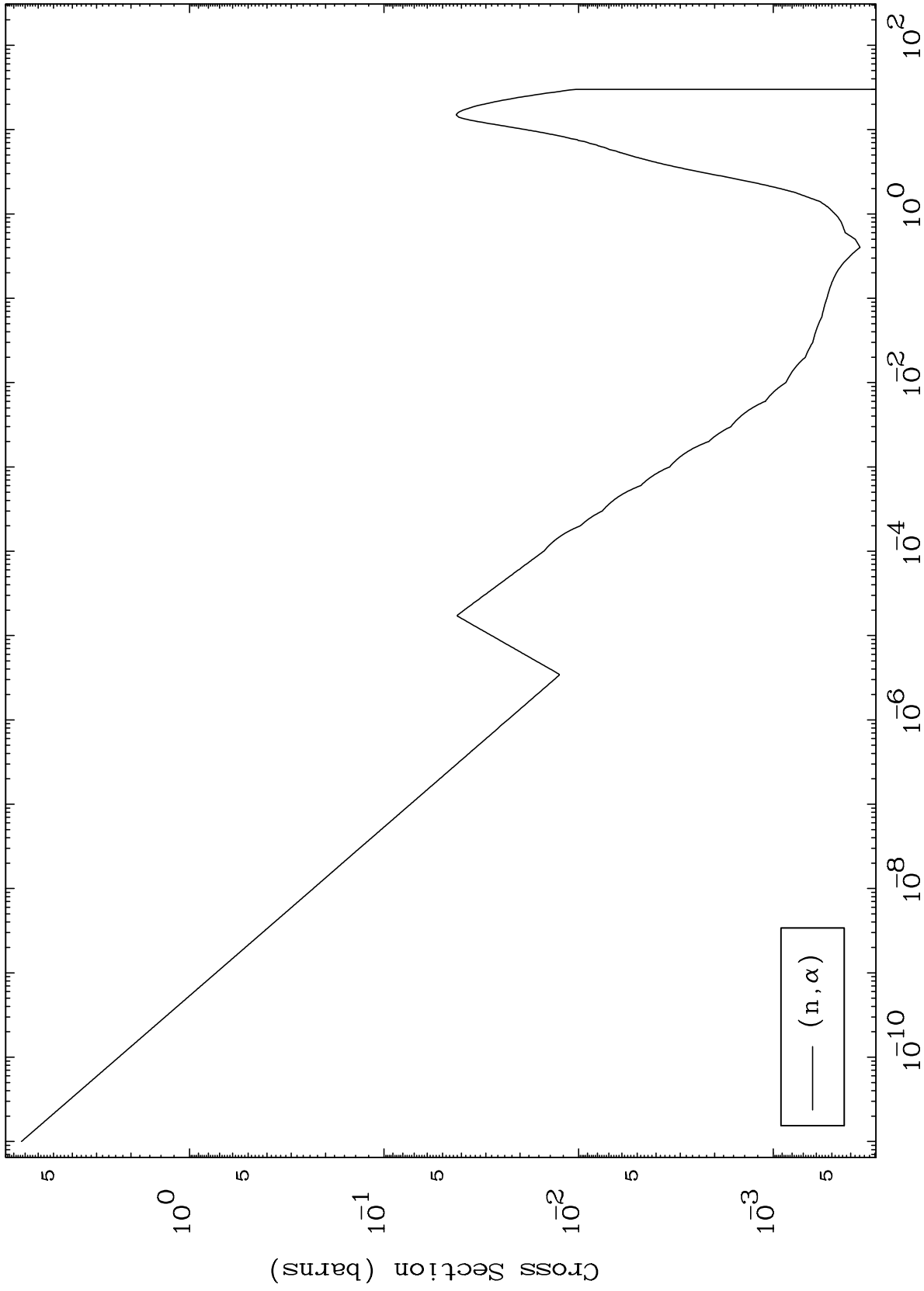
Incident Energy (MeV)

34-Se-75

MAT 3428

(n,α) Levels  
293 Kelvin Cross Sections

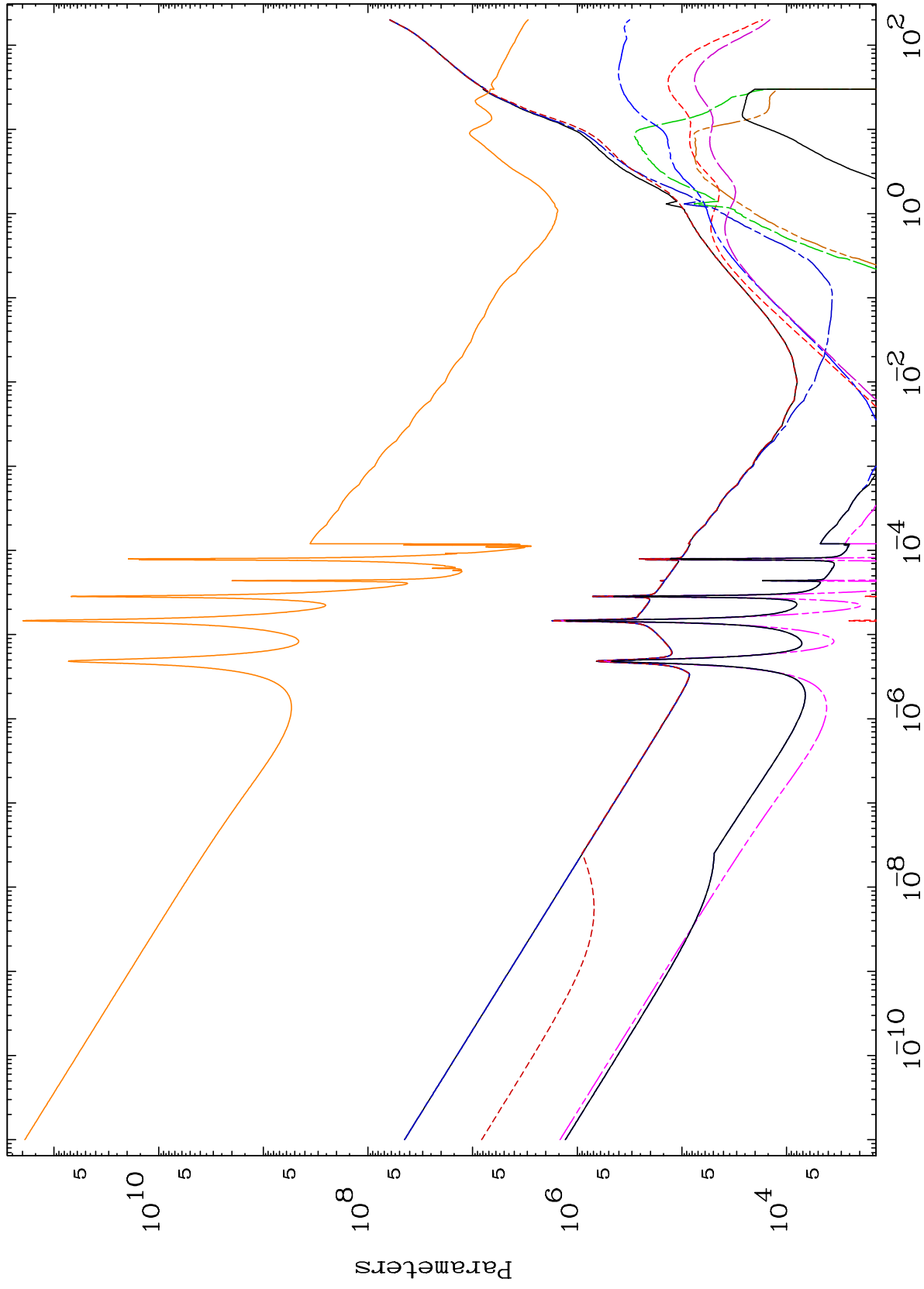
34-Se-75



MAT 3428

Energy Release  
Parameters

34-Se-75



15

Incident Energy (MeV)

34-Se-75

MAT 3428

Elastic Legendre Coefficients

<sup>34</sup>Se-75



16

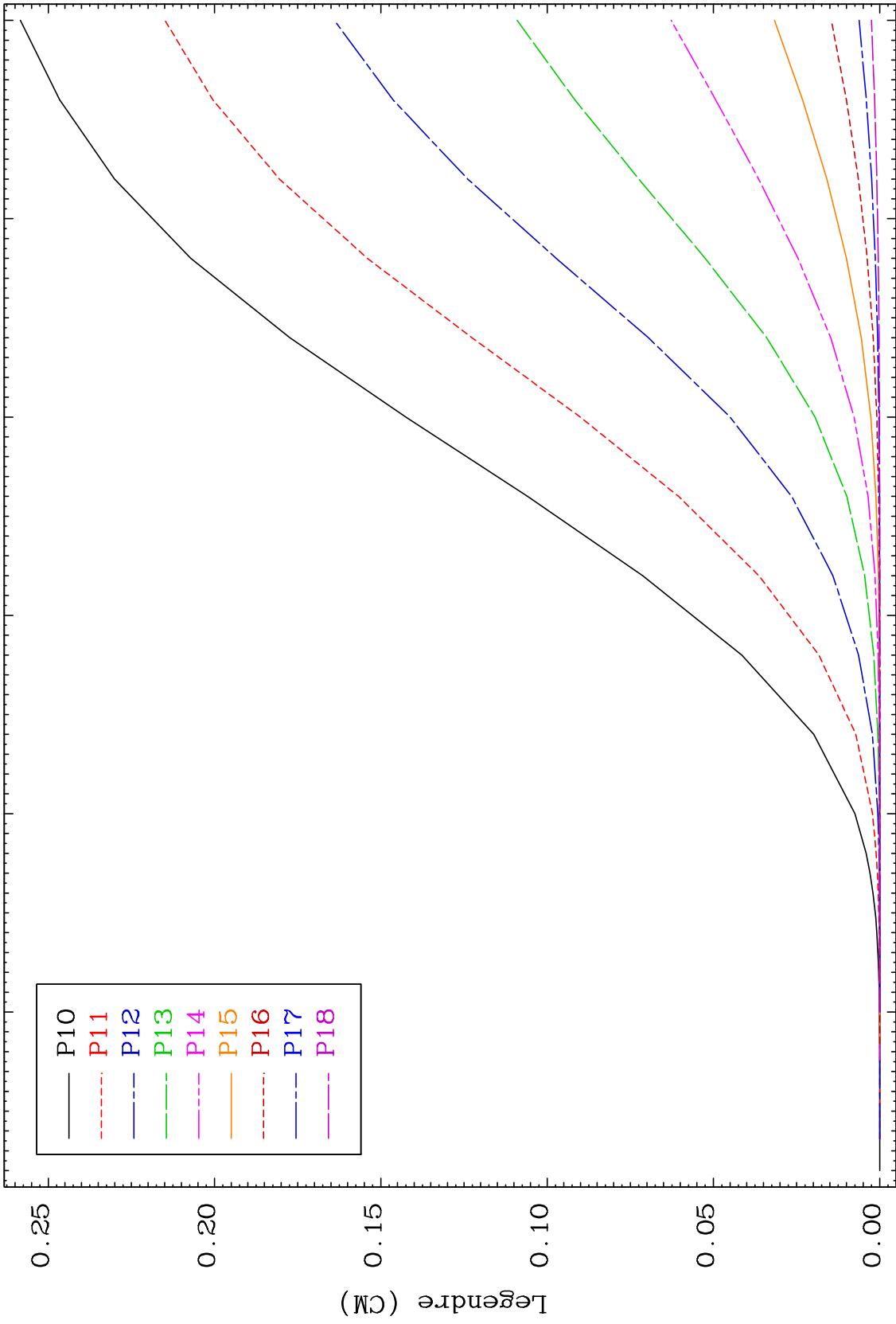
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

Elastic Legendre Coefficients

<sup>34</sup>Se-75



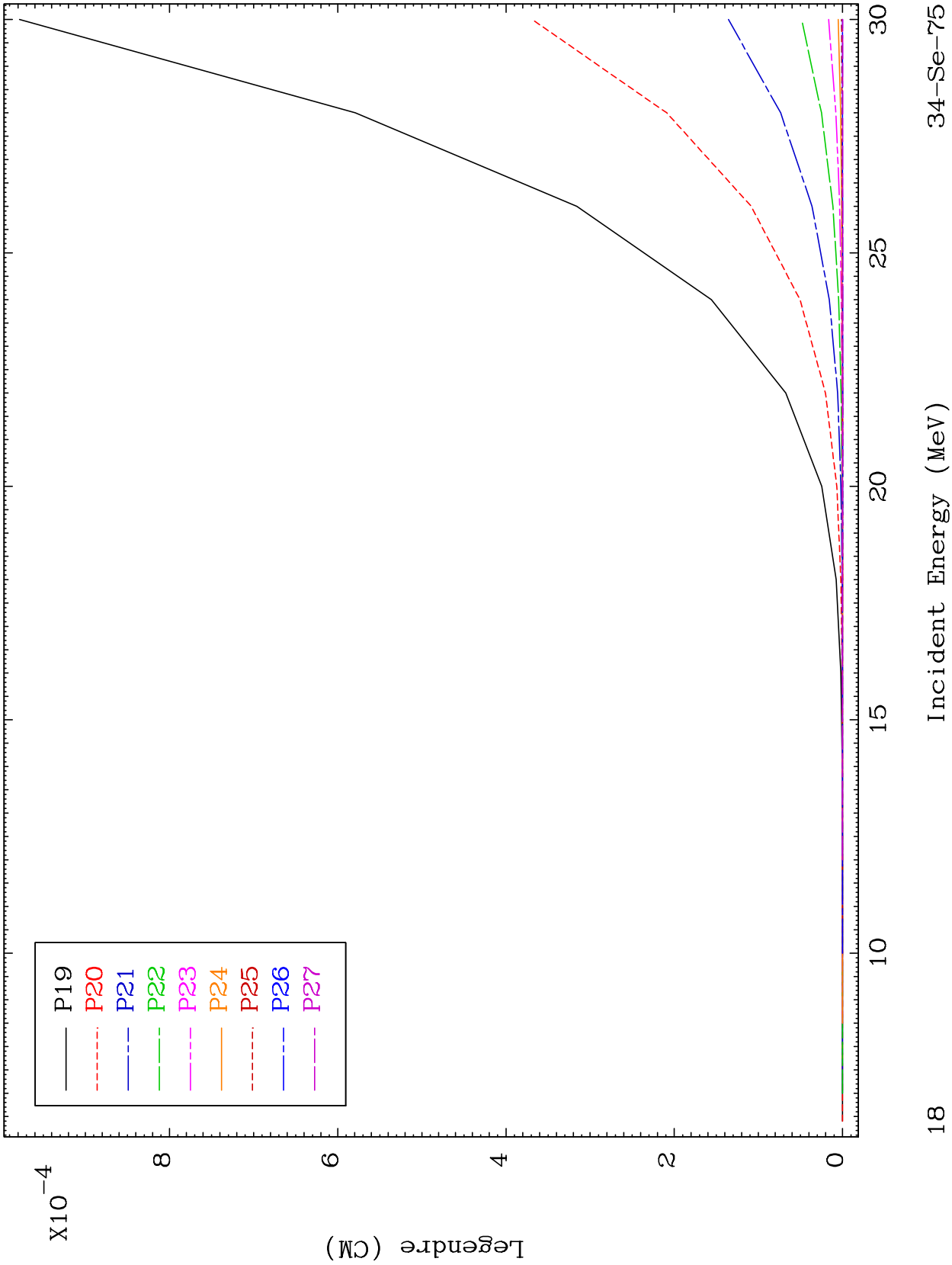
17

<sup>34</sup>Se-75

MAT 3428

### Elastic Legendre Coefficients

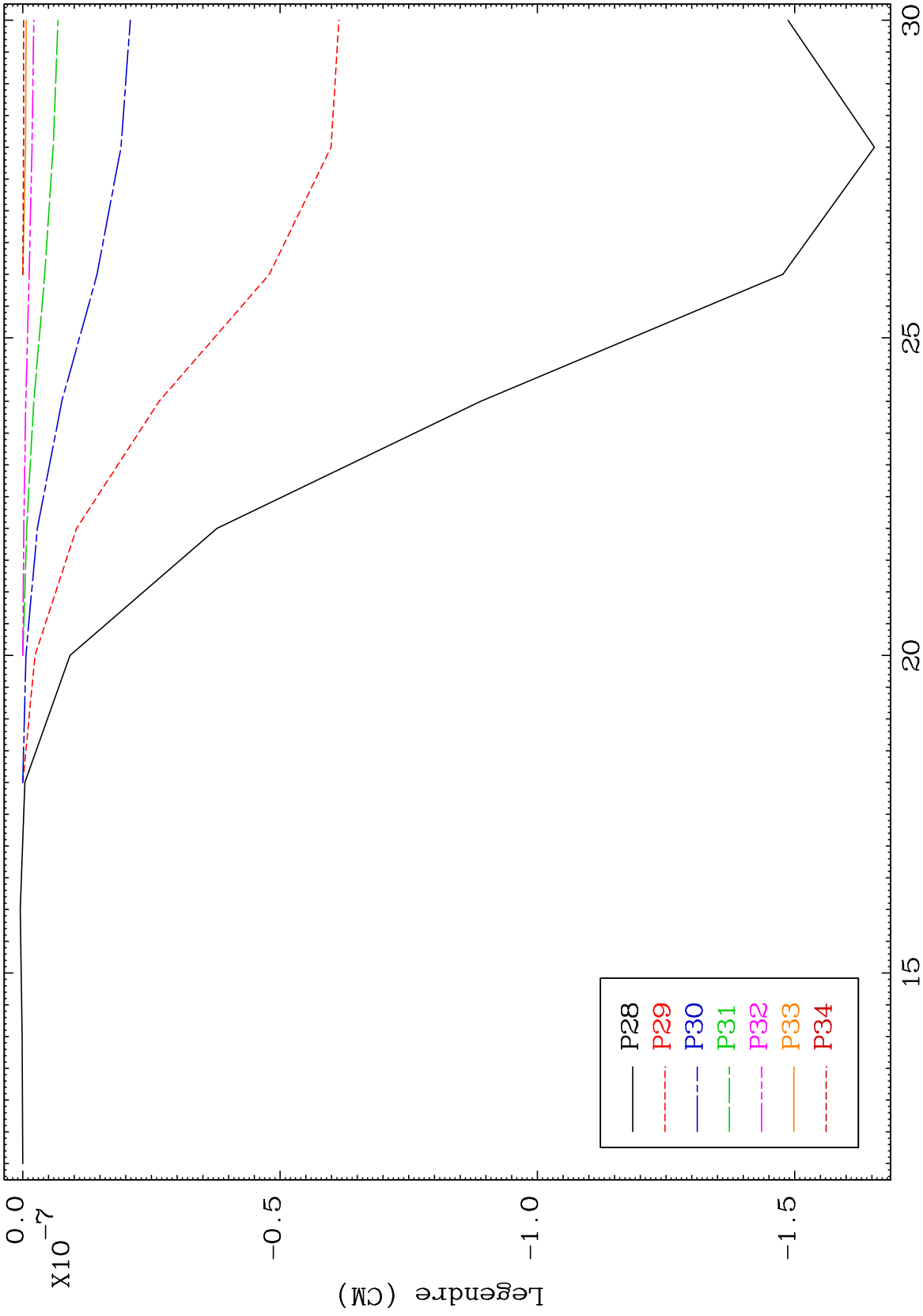
<sup>34</sup>Se-75



MAT 3428

34-Se-75

Elastic  
Legendre Coefficients



19

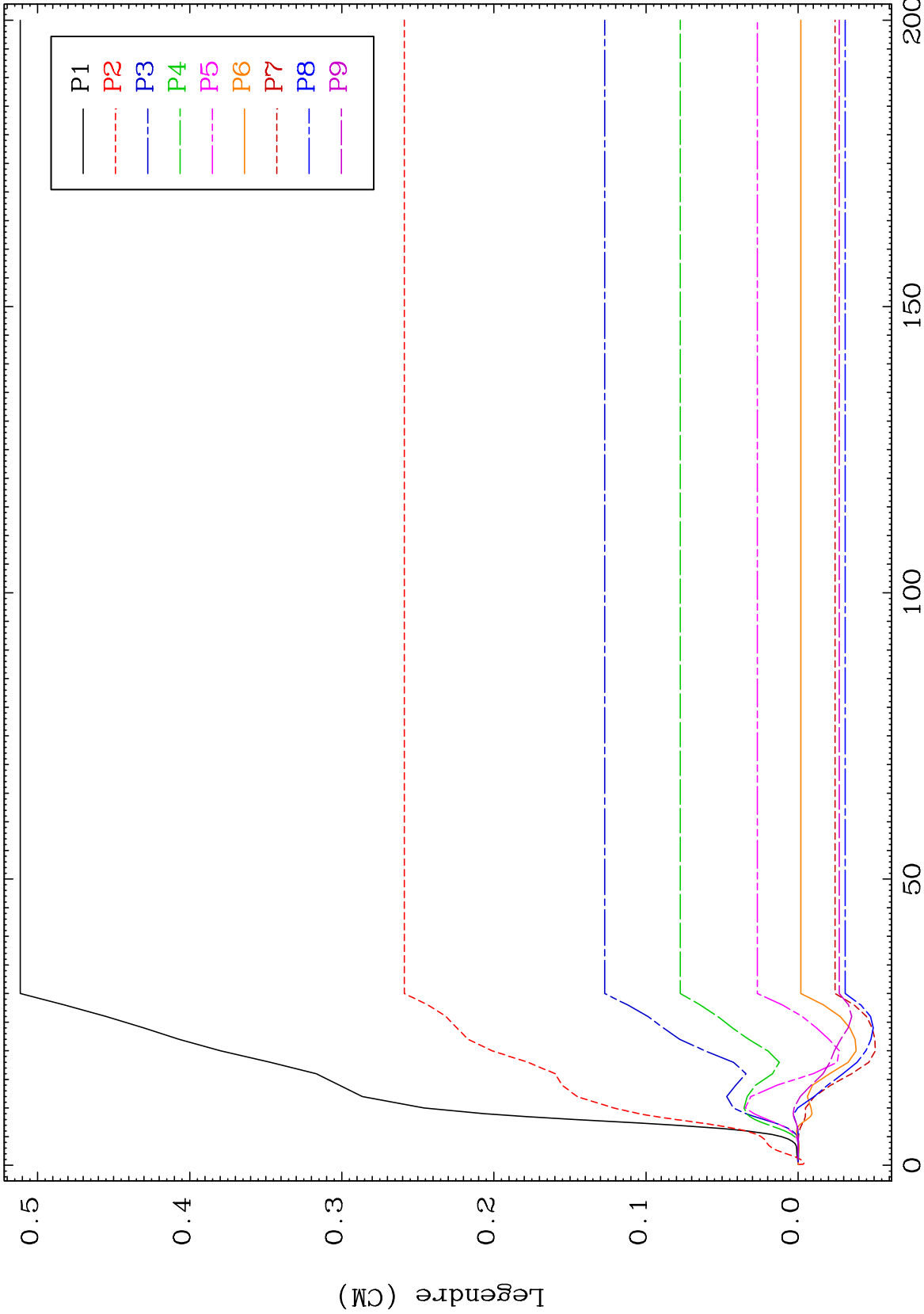
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



20

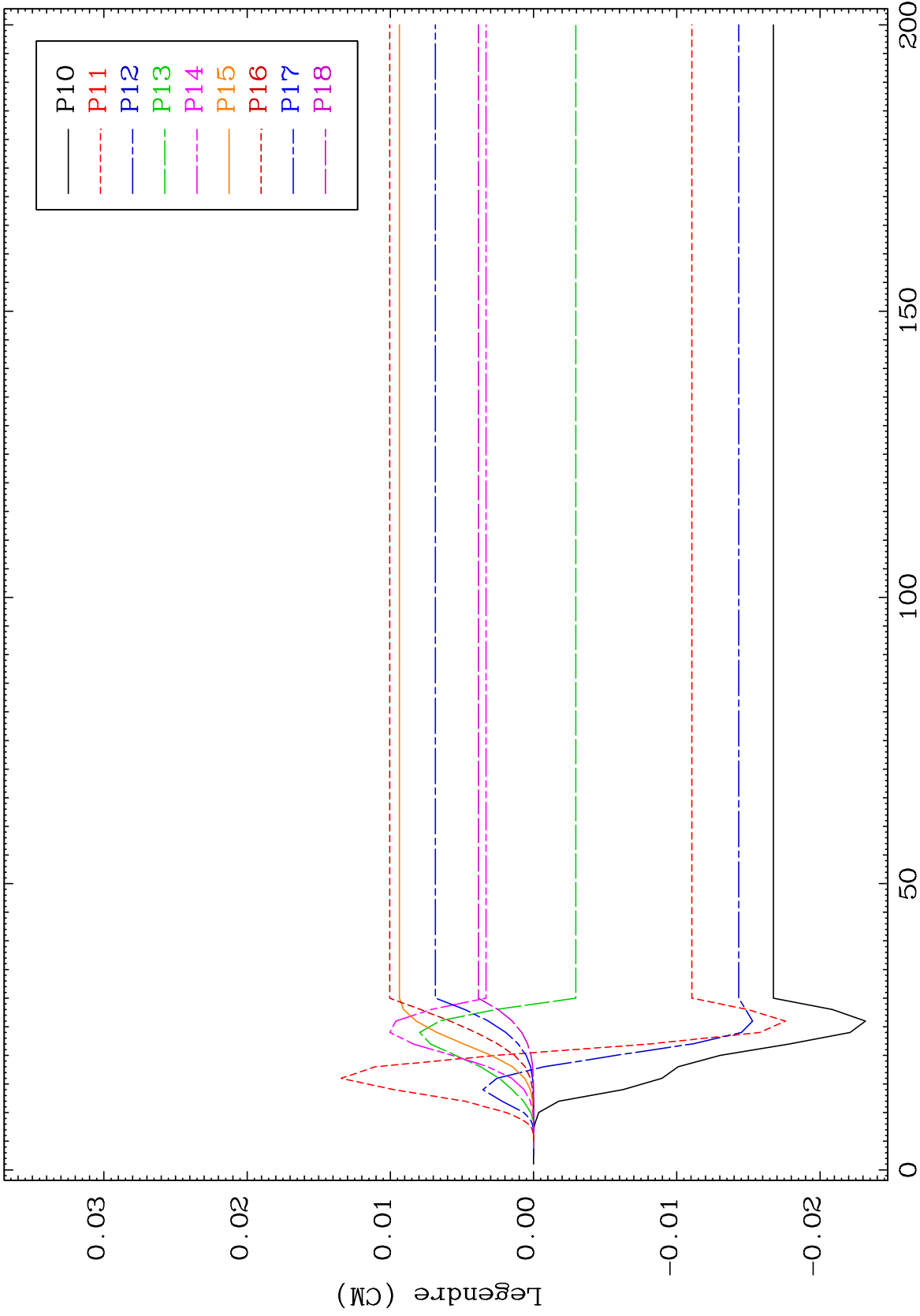
Incident Energy (MeV)

34-Se-75

MAT 3428

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

<sup>34</sup>Se-75



21

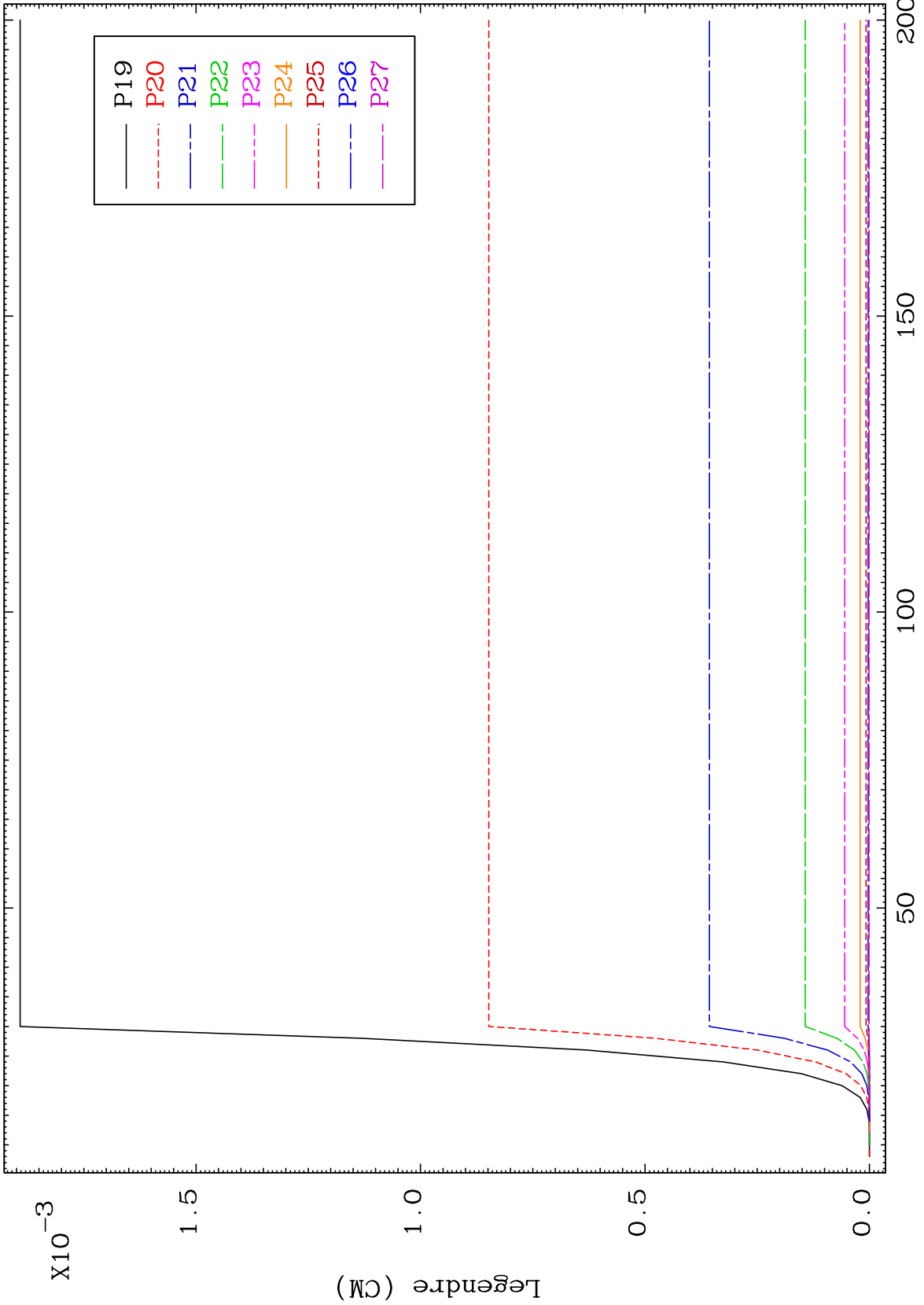
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

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

34-Se-75



22

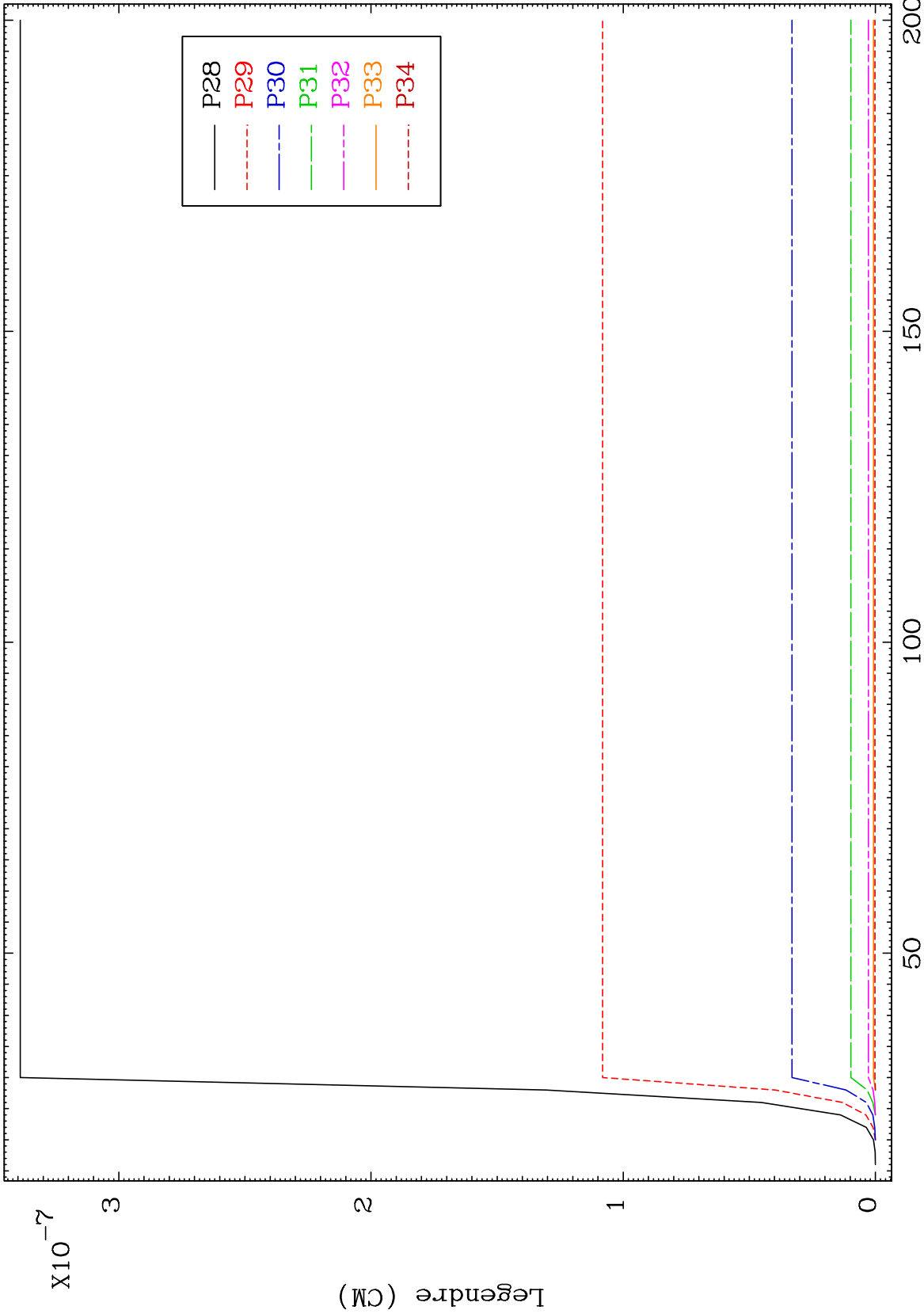
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



23

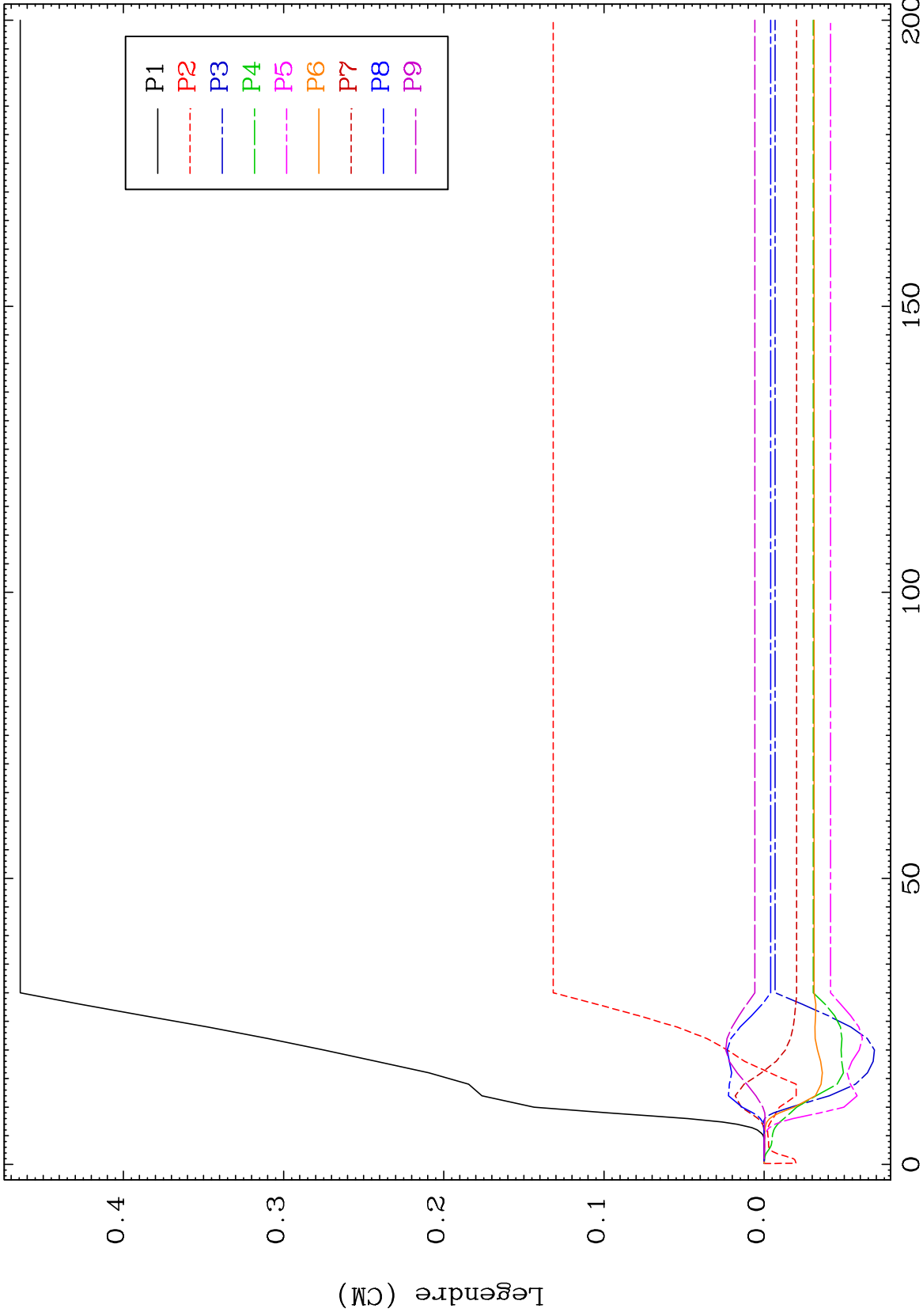
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75

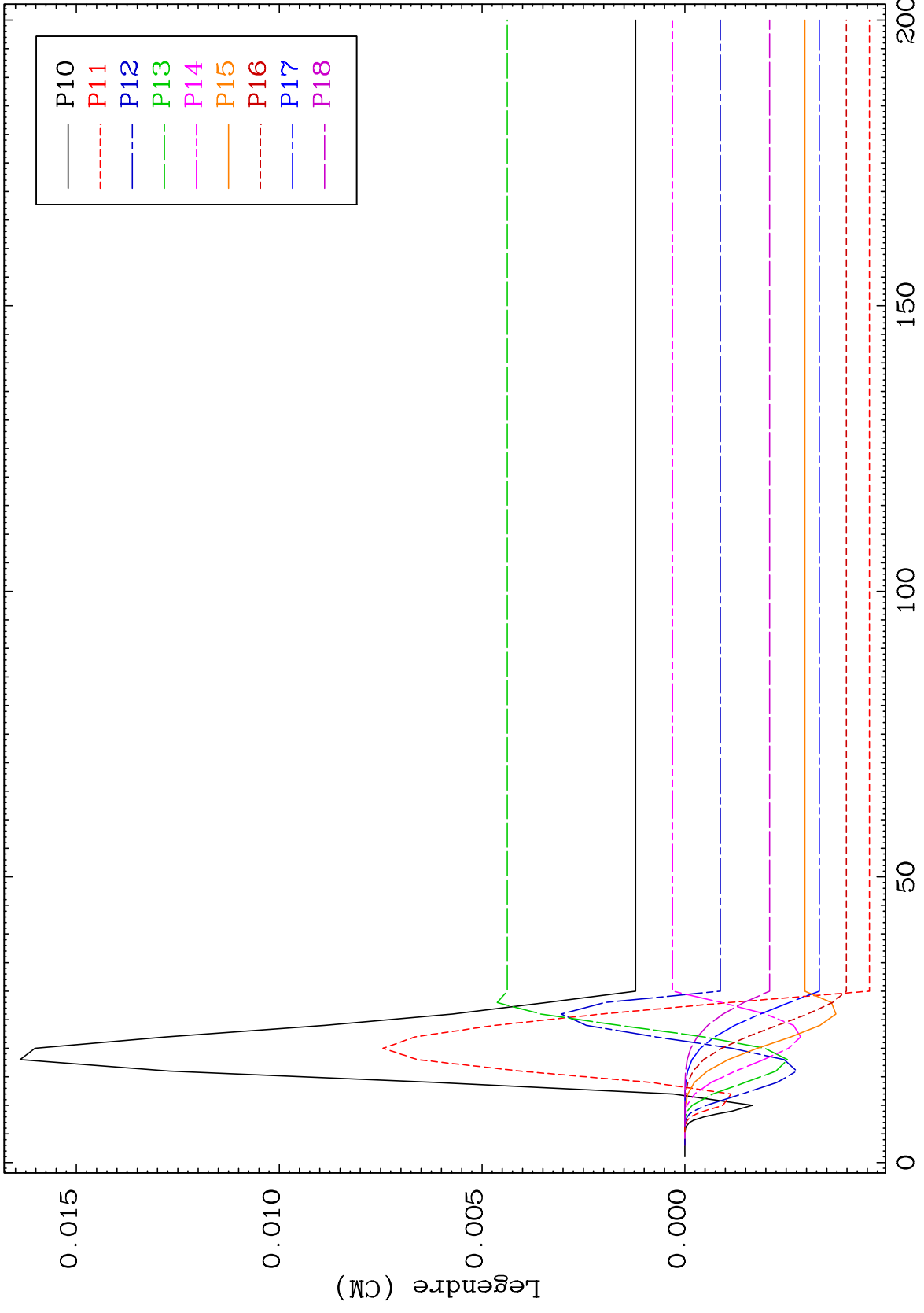


24

Incident Energy (MeV)

34-Se-75

MAT 3428 MT= 52 (n,n') Level Legendre Coefficients 34-Se-75

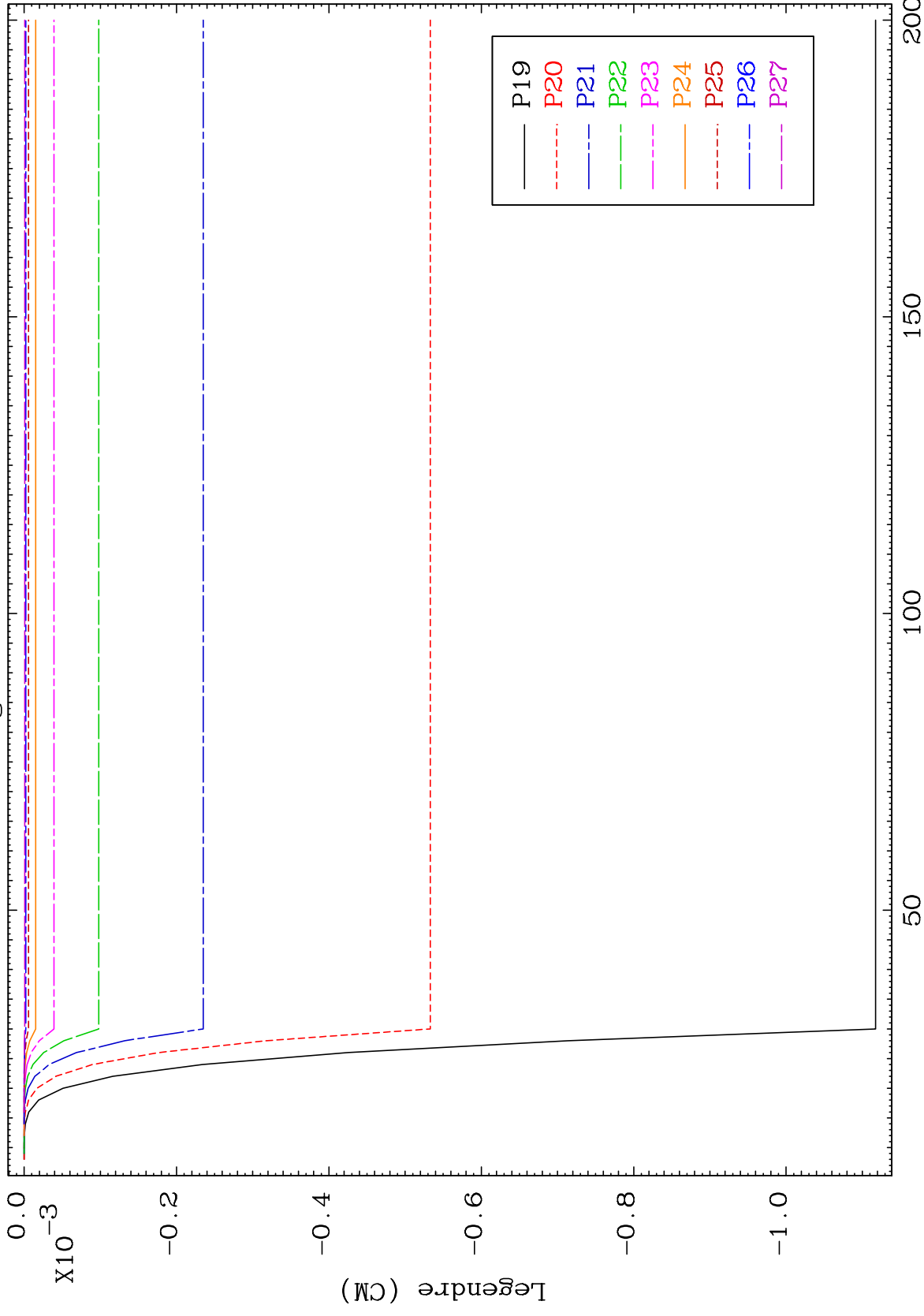


25 Incident Energy (MeV) 34-Se-75

MAT 3428

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

34-Se-75



34-Se-75

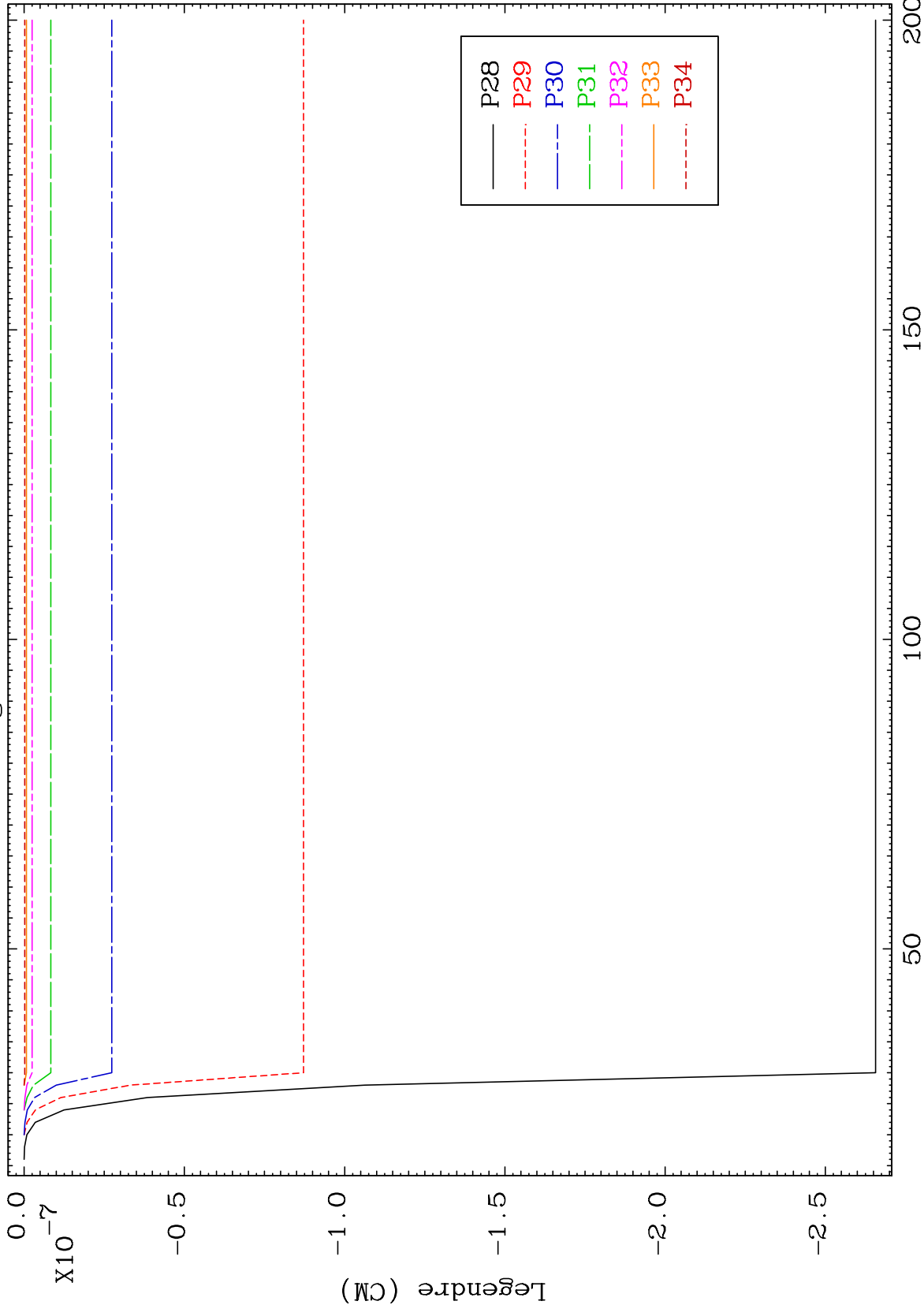
Incident Energy (MeV)

26

MAT 3428

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

34-Se-75



34-Se-75

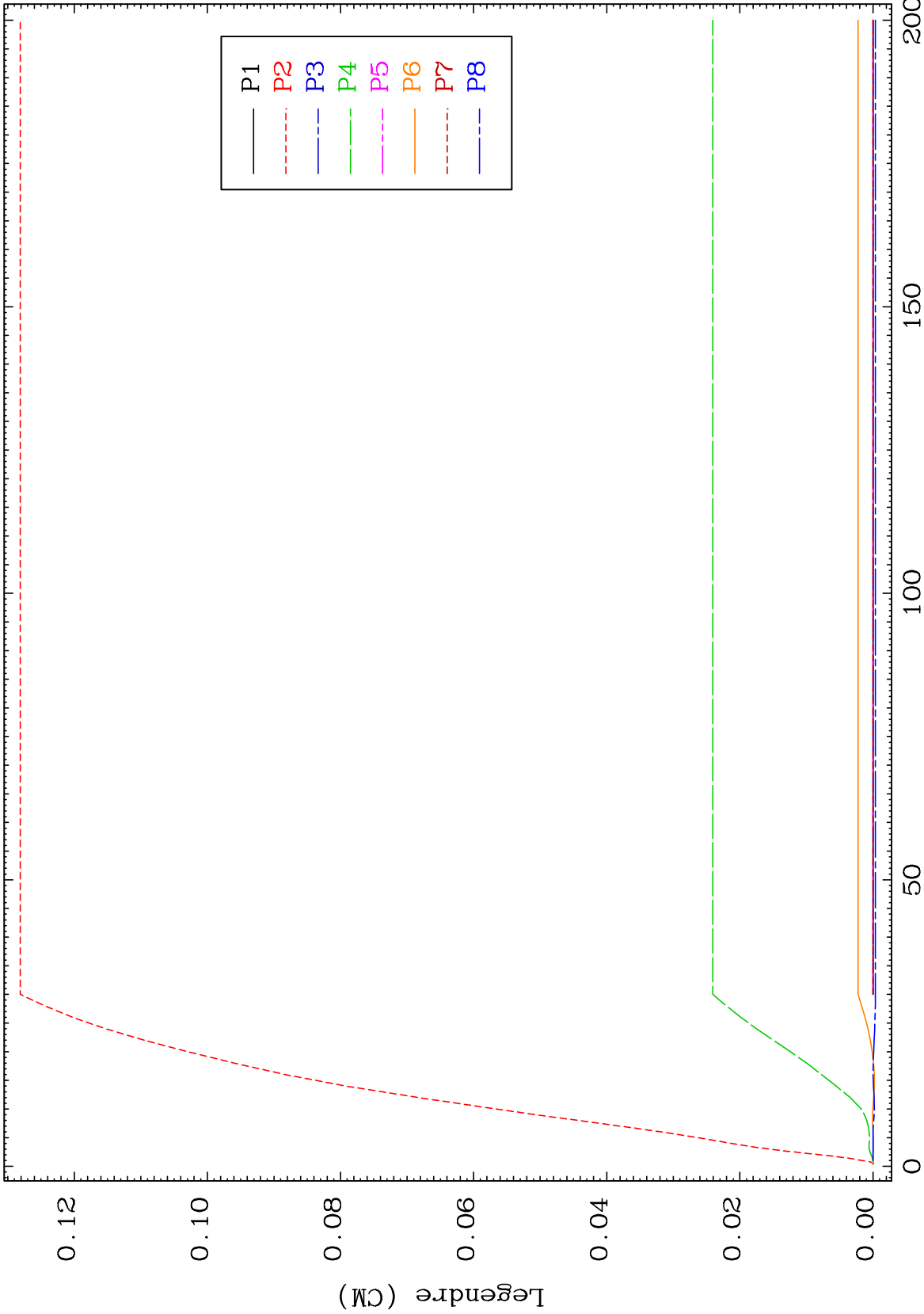
Incident Energy (MeV)

27

MAT 3428

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

34-Se-75



28

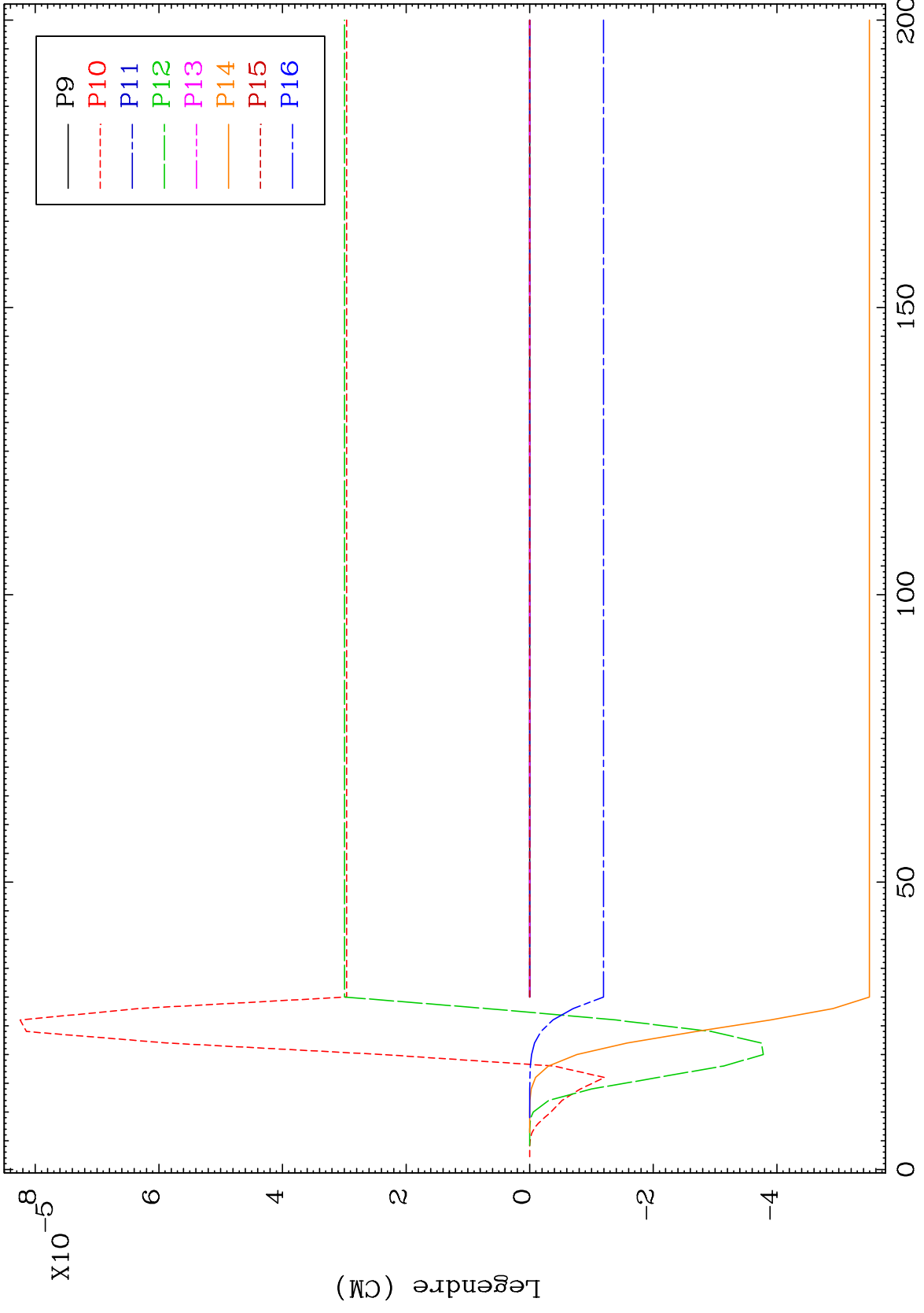
Incident Energy (MeV)

34-Se-75

MAT 3428

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

<sup>34</sup>Se-75

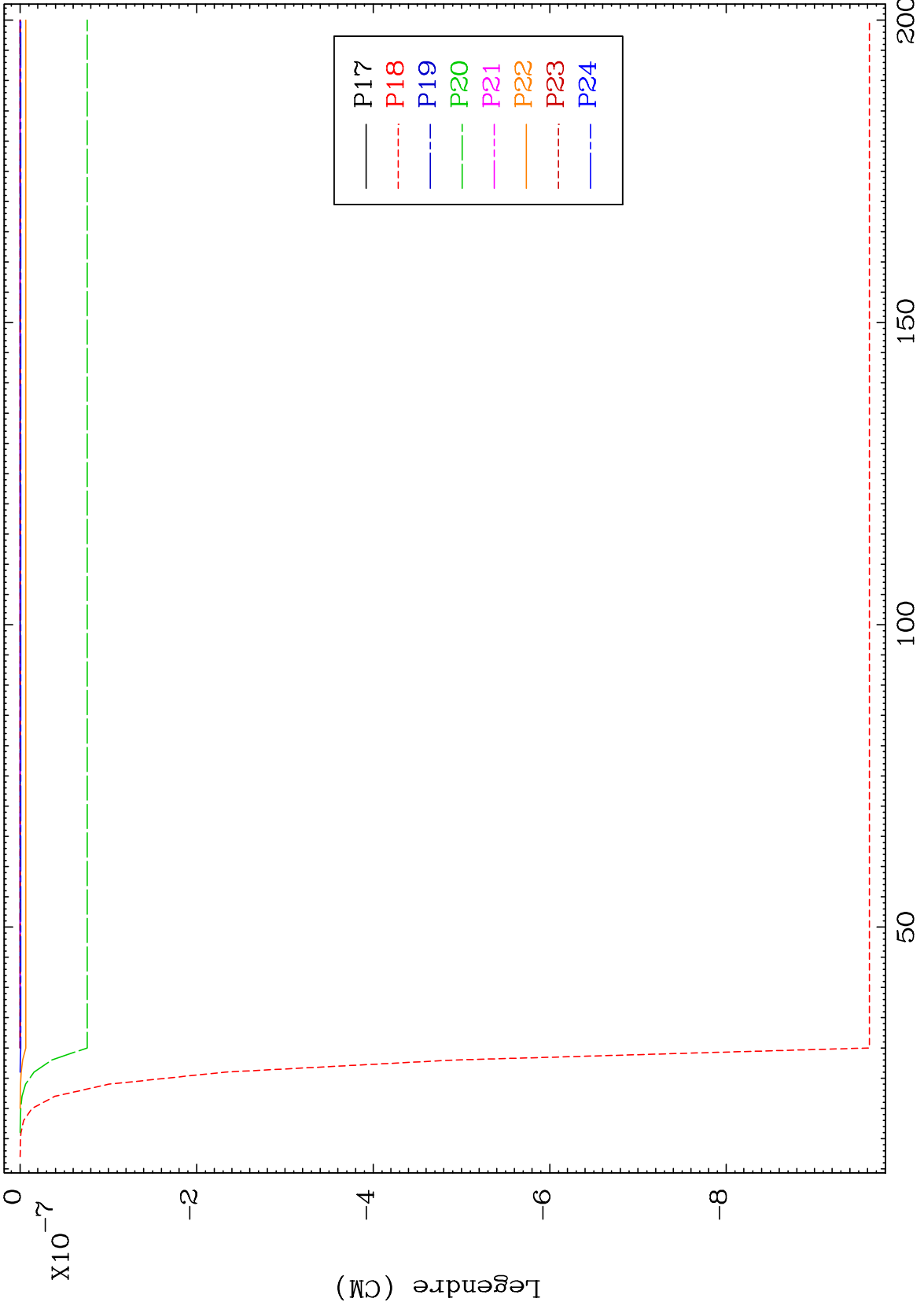


29

Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428 MT= 53 (n,n') Level Legendre Coefficients 34-Se-75

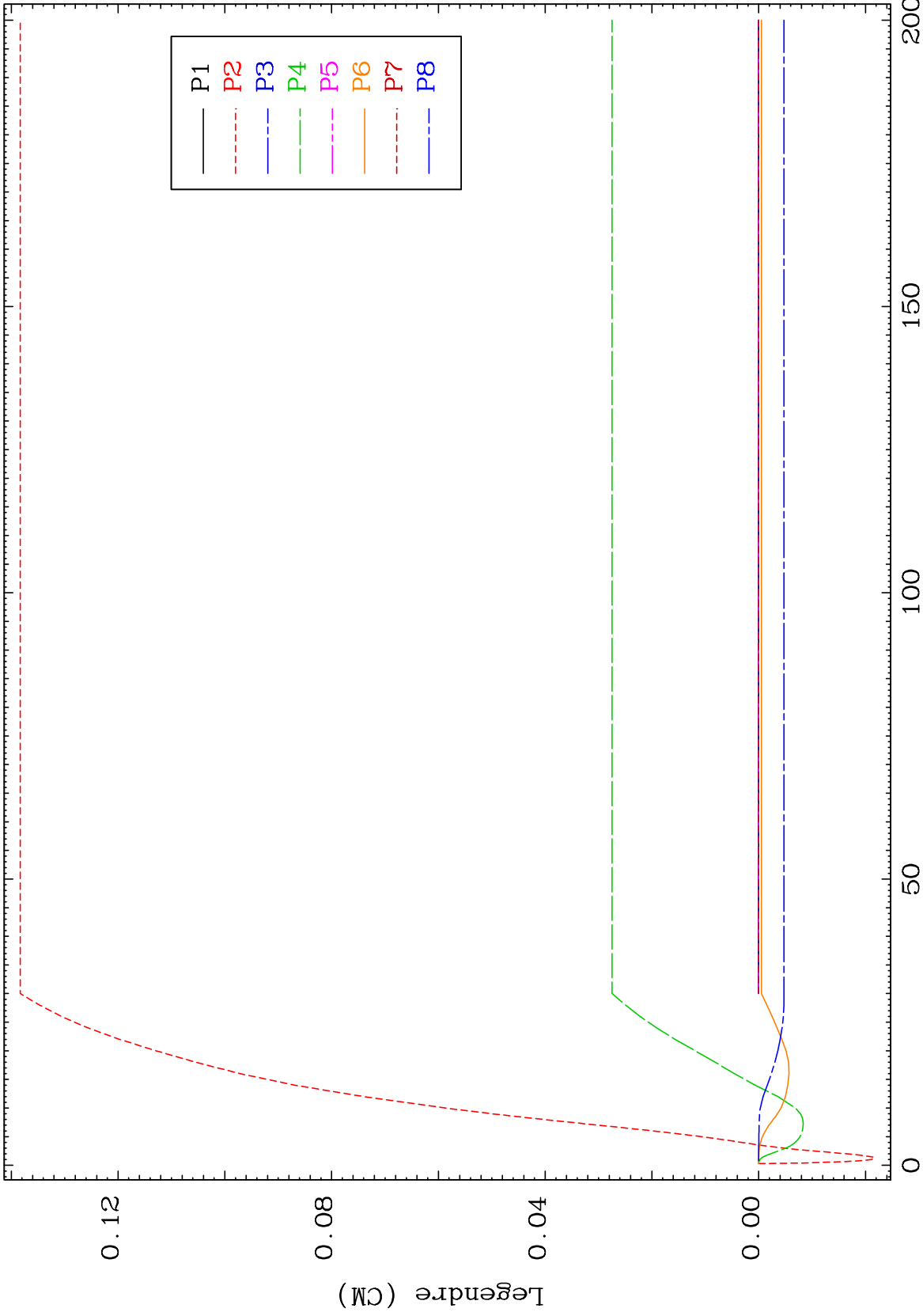


30 50 100 150 200 Incident Energy (MeV) 34-Se-75

MAT 3428

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

34-Se-75



31

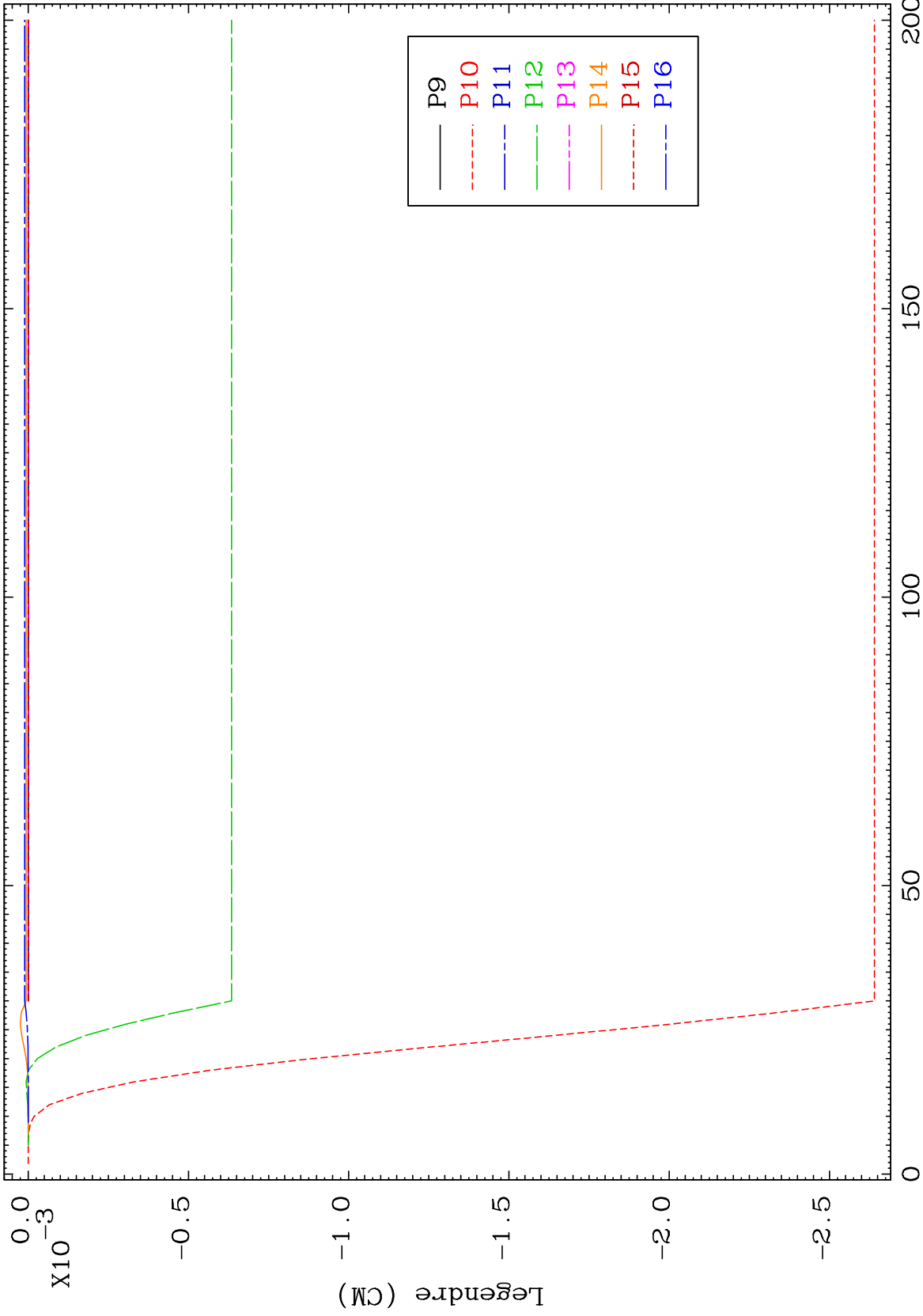
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



32

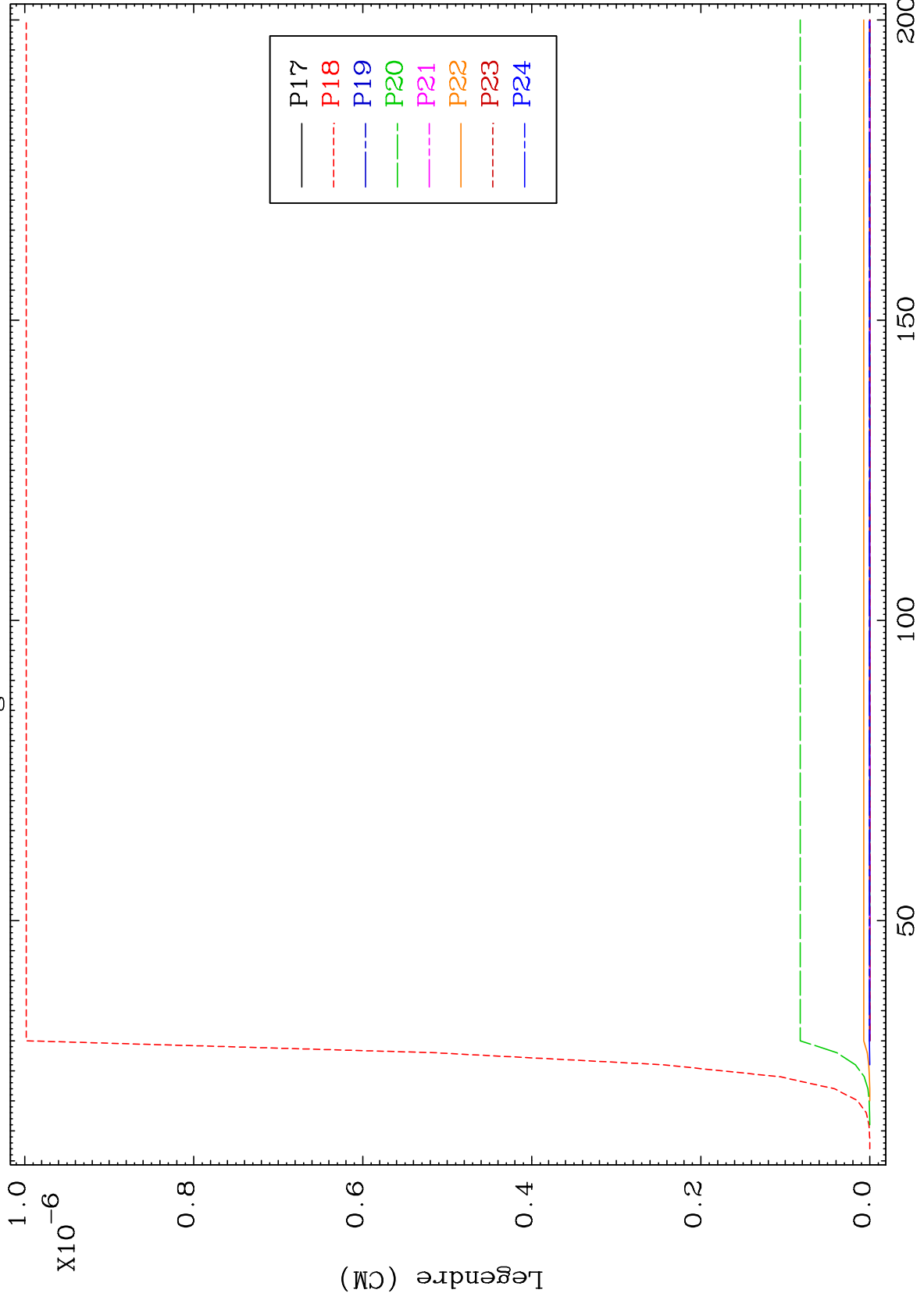
Incident Energy (MeV)

34-Se-75

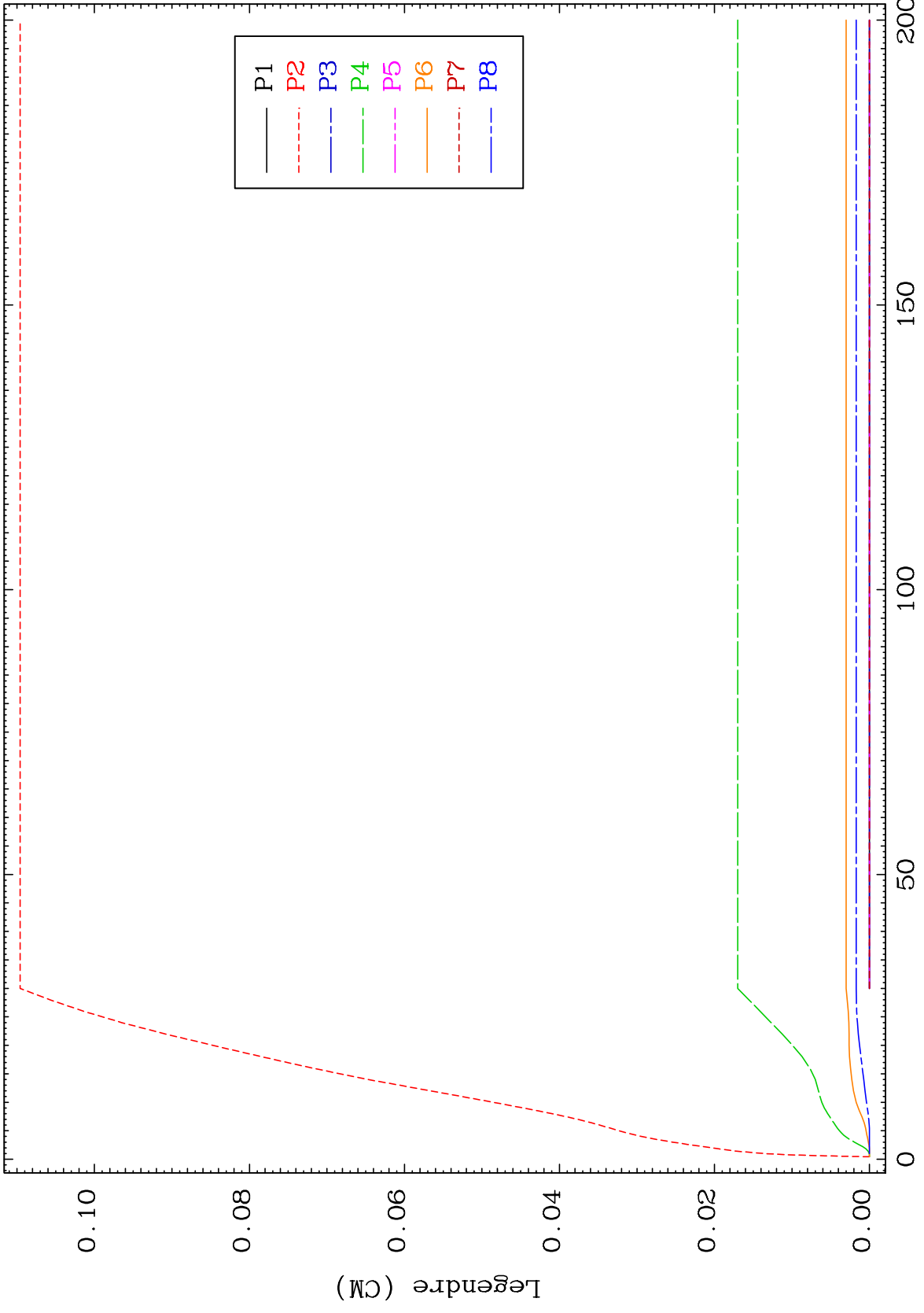
MAT 3428

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

34-Se-75



MAT 3428 MT= 55 (n,n') Level Legendre Coefficients 34-Se-75

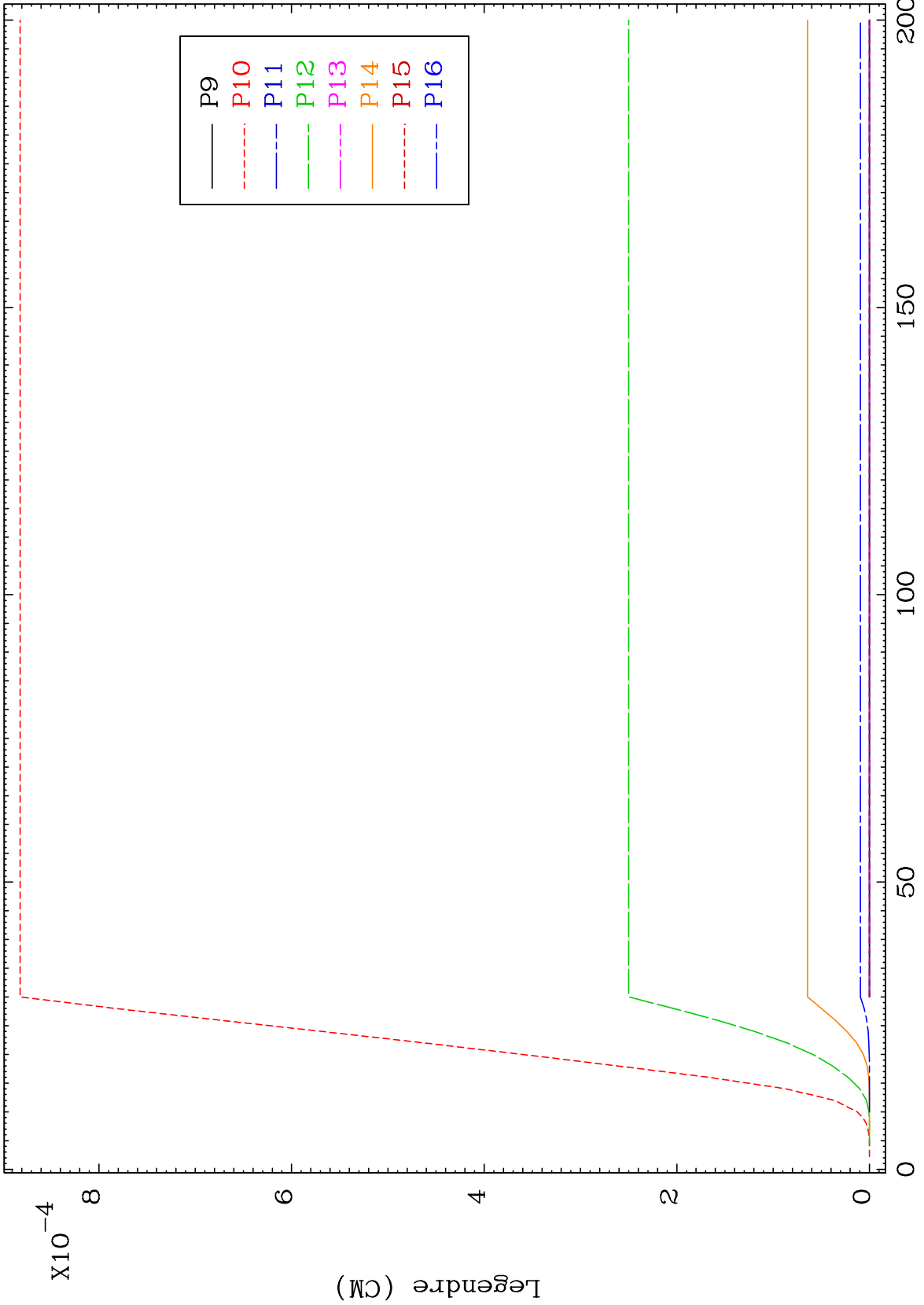


34 34-Se-75

MAT 3428

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

34-Se-75

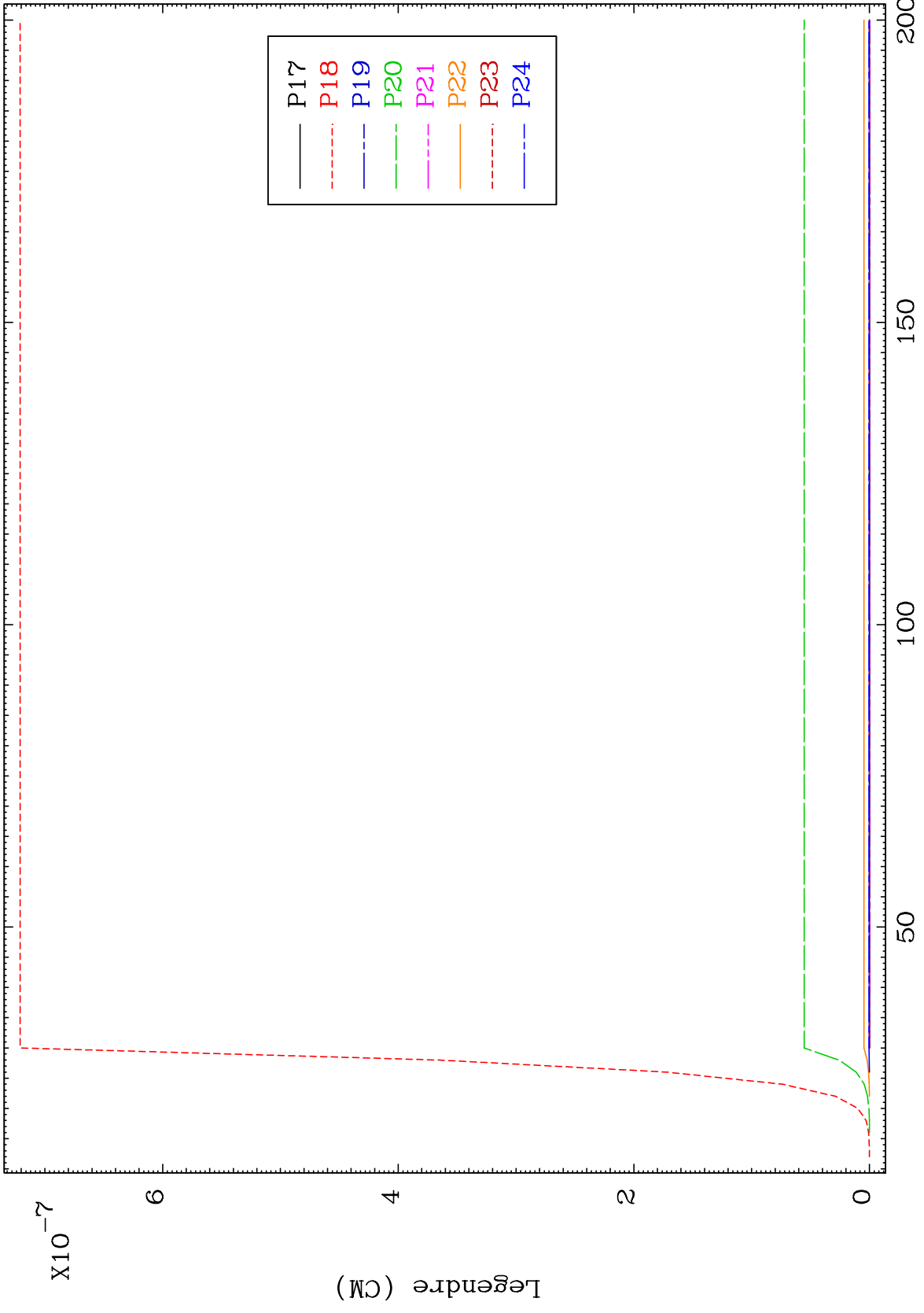


35

Incident Energy (MeV)

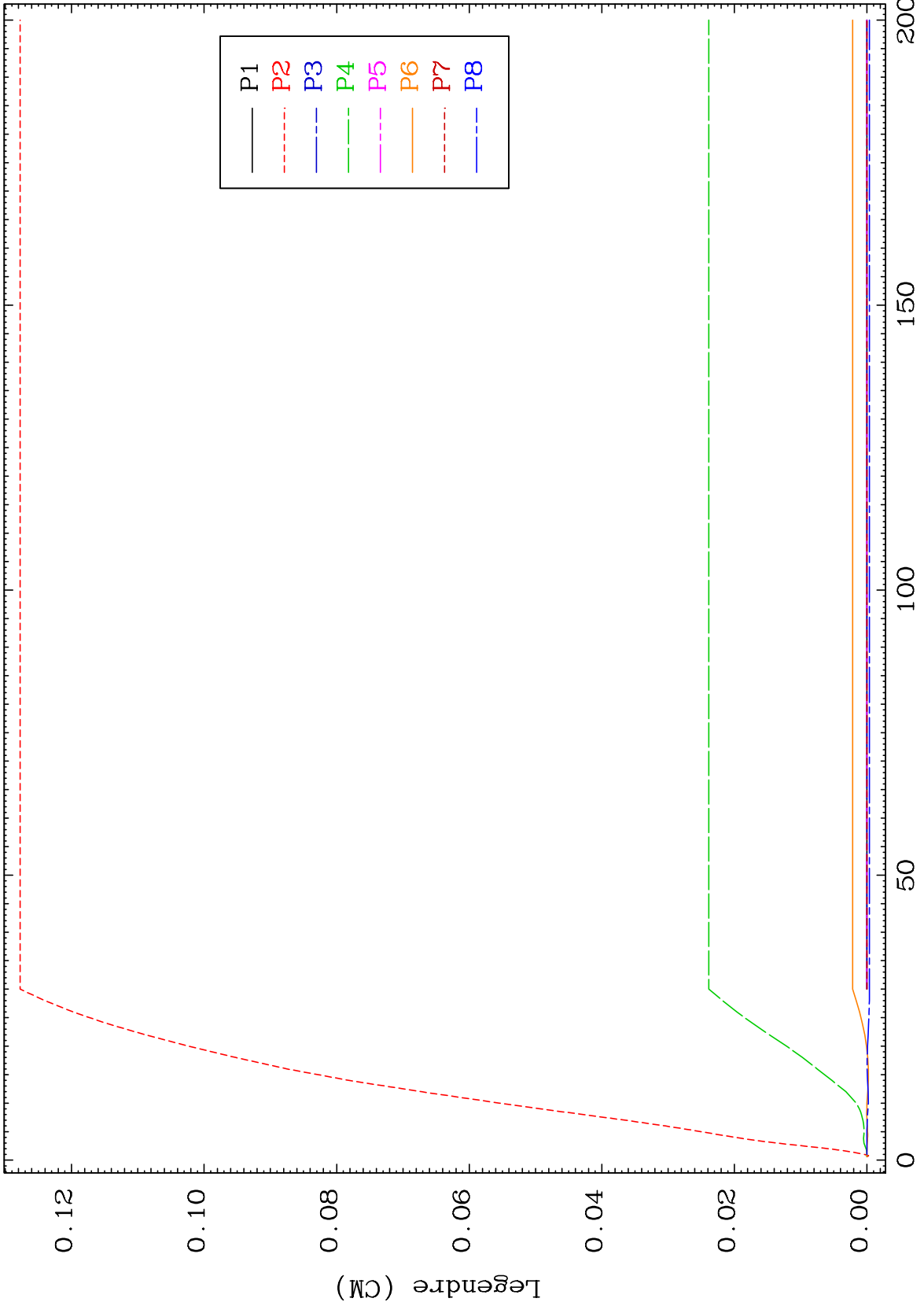
34-Se-75

MAT 3428 MT= 55 (n,n') Level Legendre Coefficients 34-Se-75



36 Incident Energy (MeV) 34-Se-75

MAT 3428 MT= 56 (n,n') Level Legendre Coefficients 34-Se-75

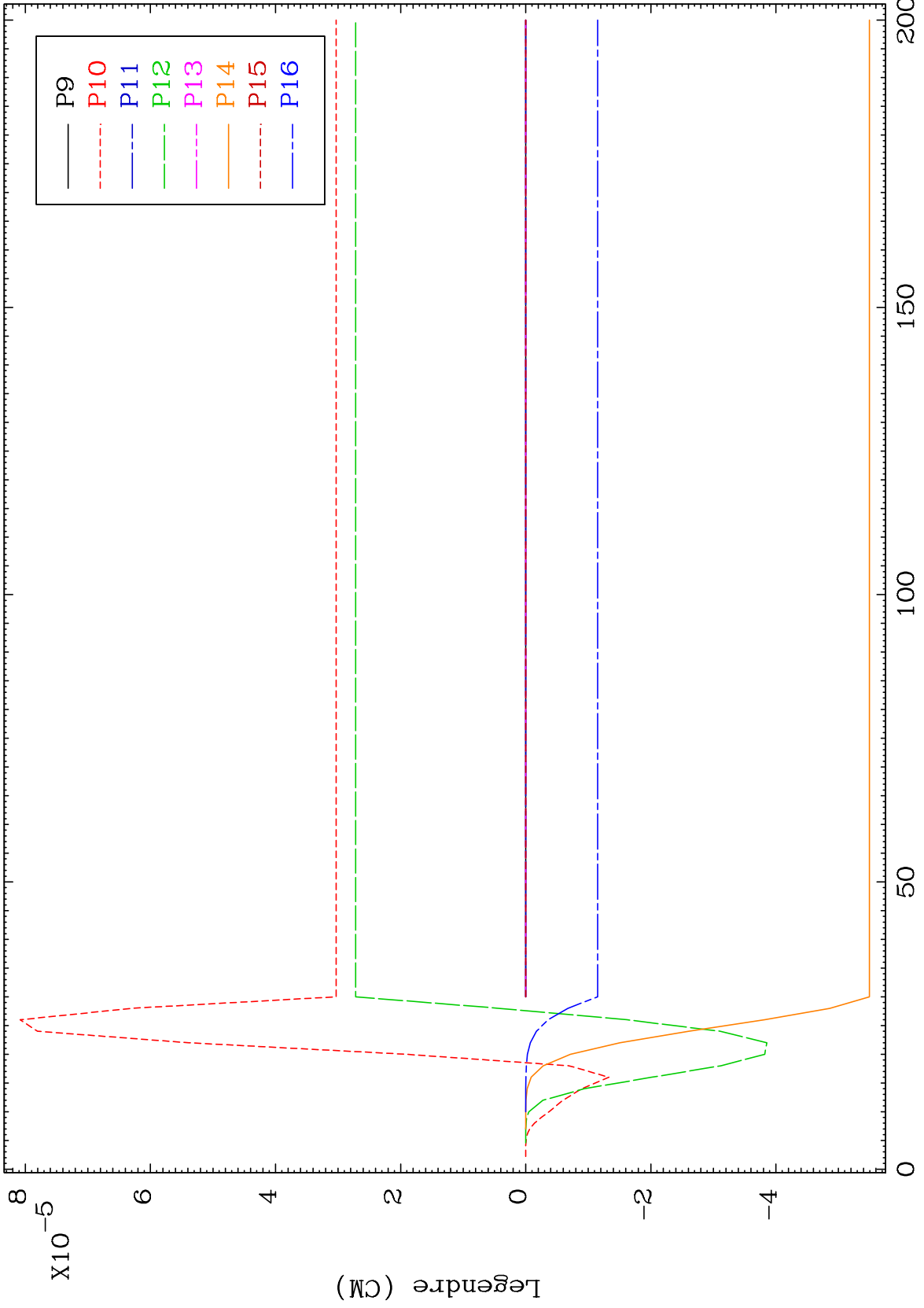


37 34-Se-75

MAT 3428

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

<sup>34</sup>Se-75

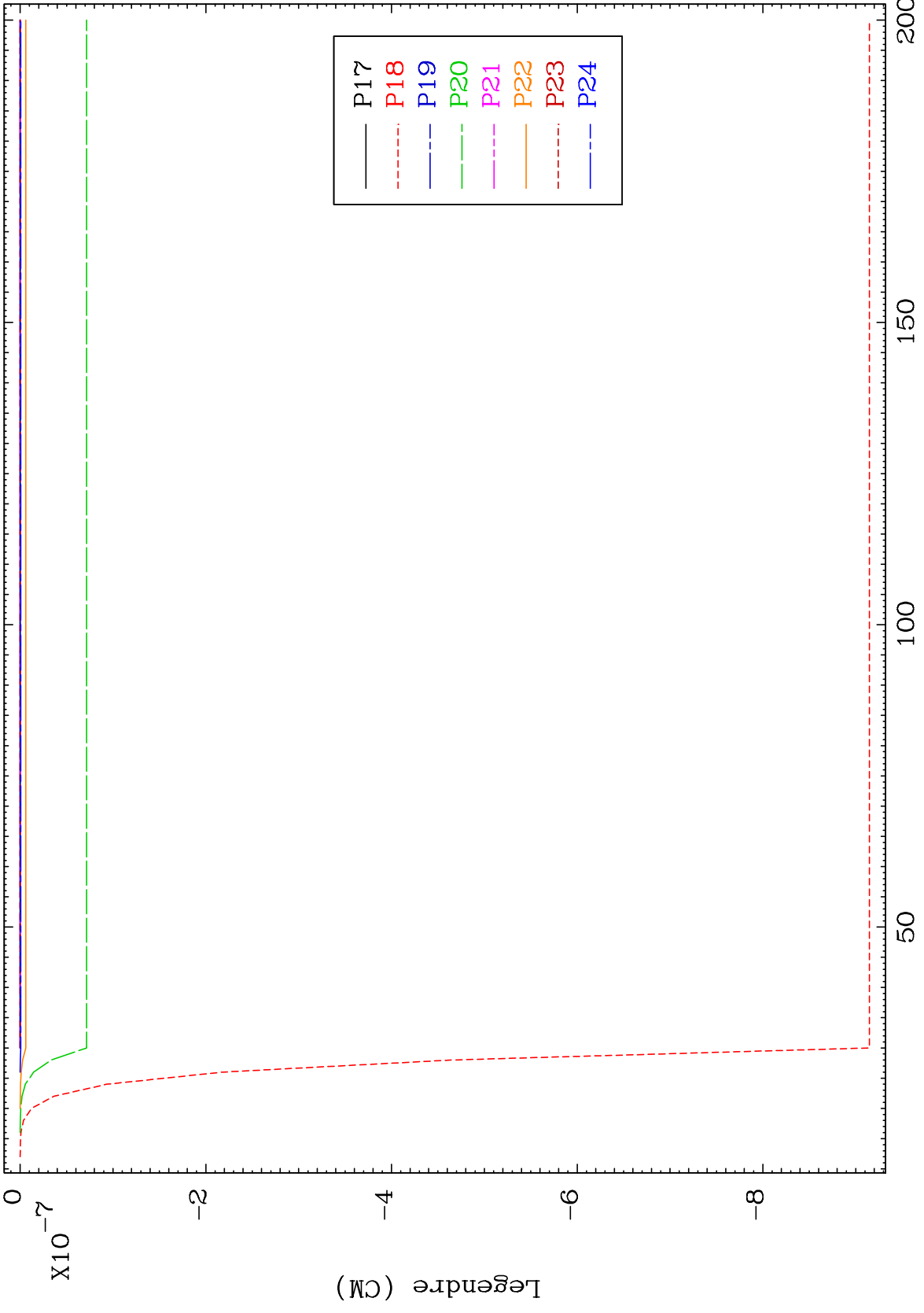


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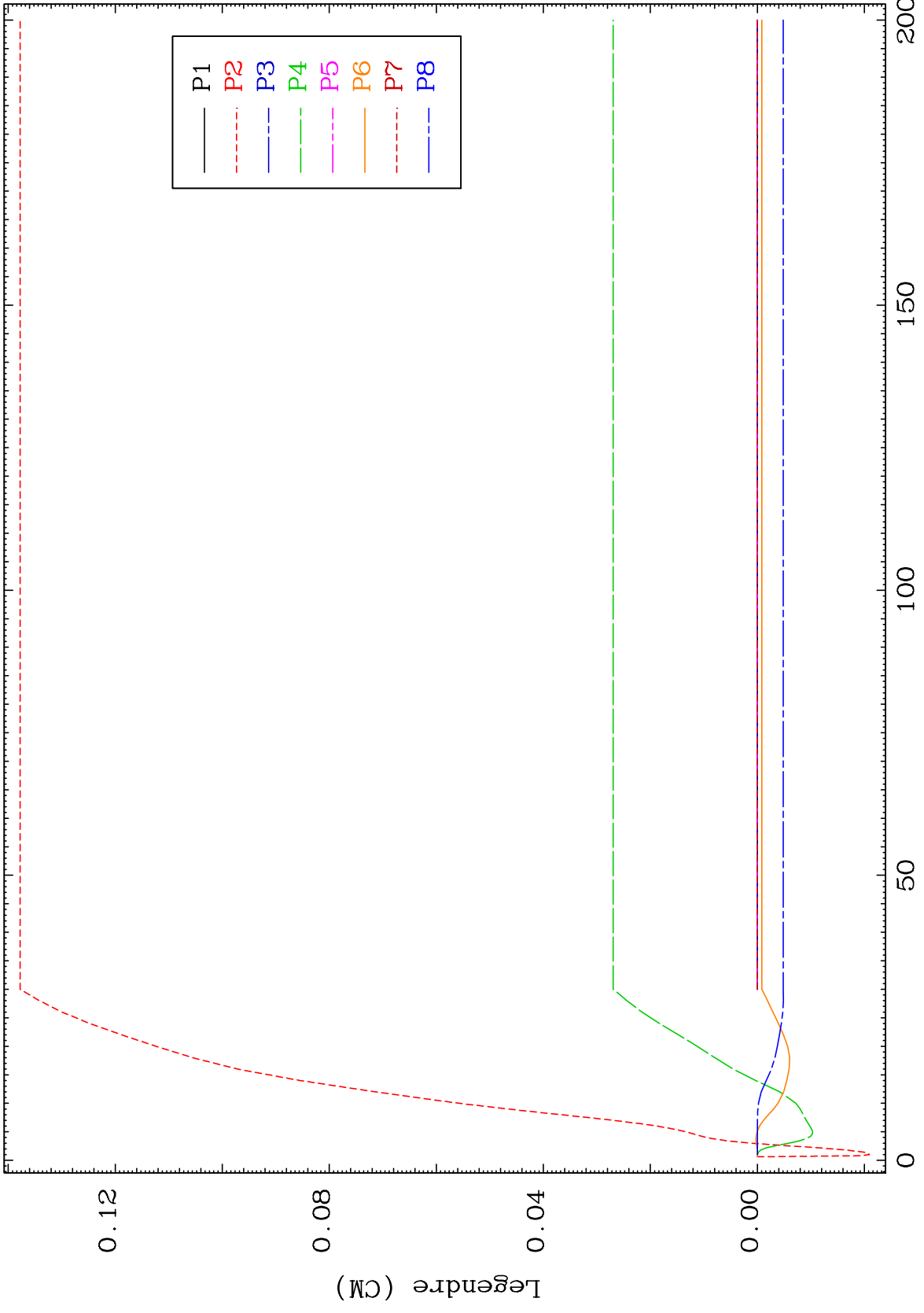
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428 MT= 56 (n,n') Level Legendre Coefficients 34-Se-75



MAT 3428 MT= 57 (n,n') Level Legendre Coefficients 34-Se-75

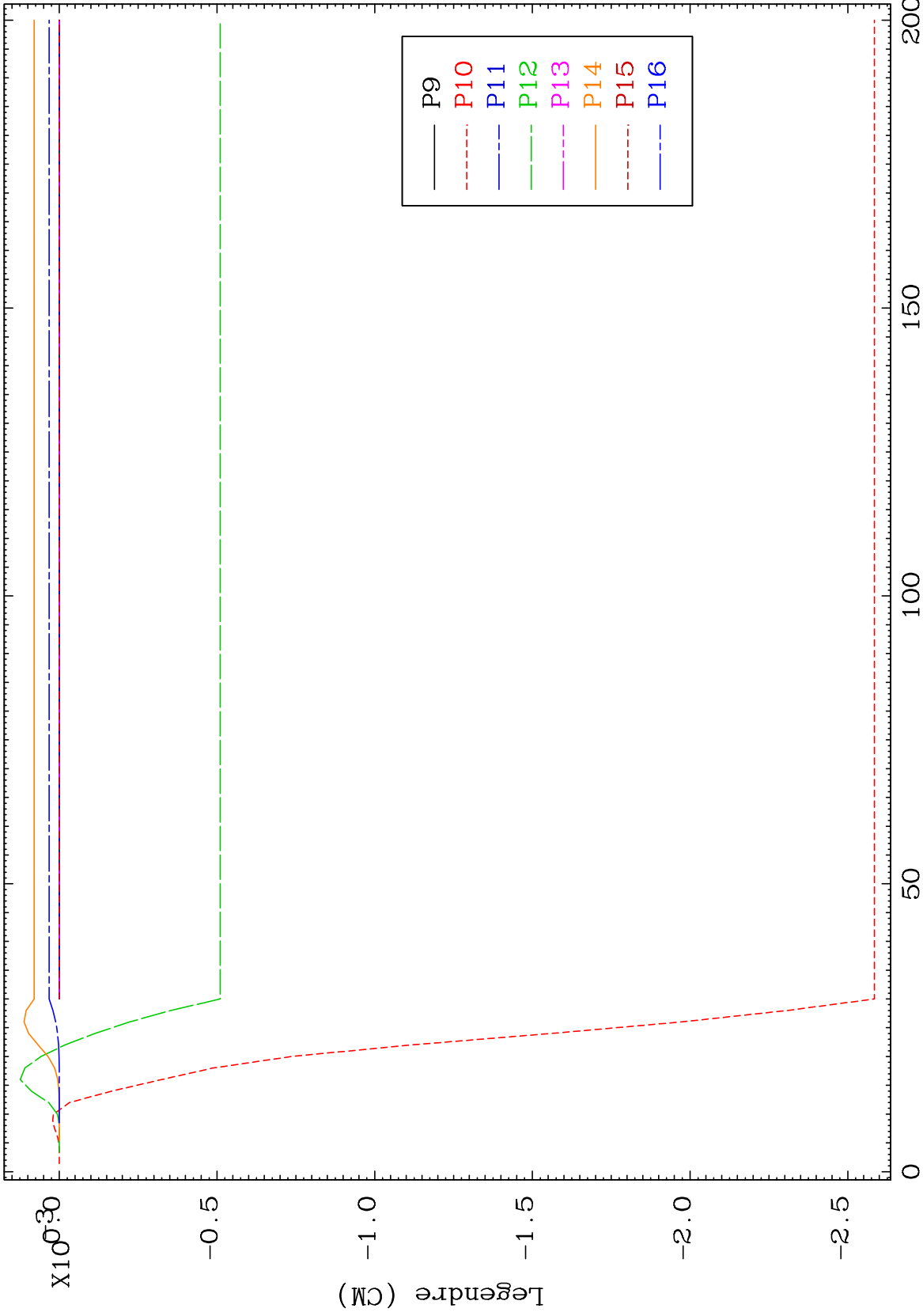


34-Se-75

MAT 3428

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

34-Se-75



41

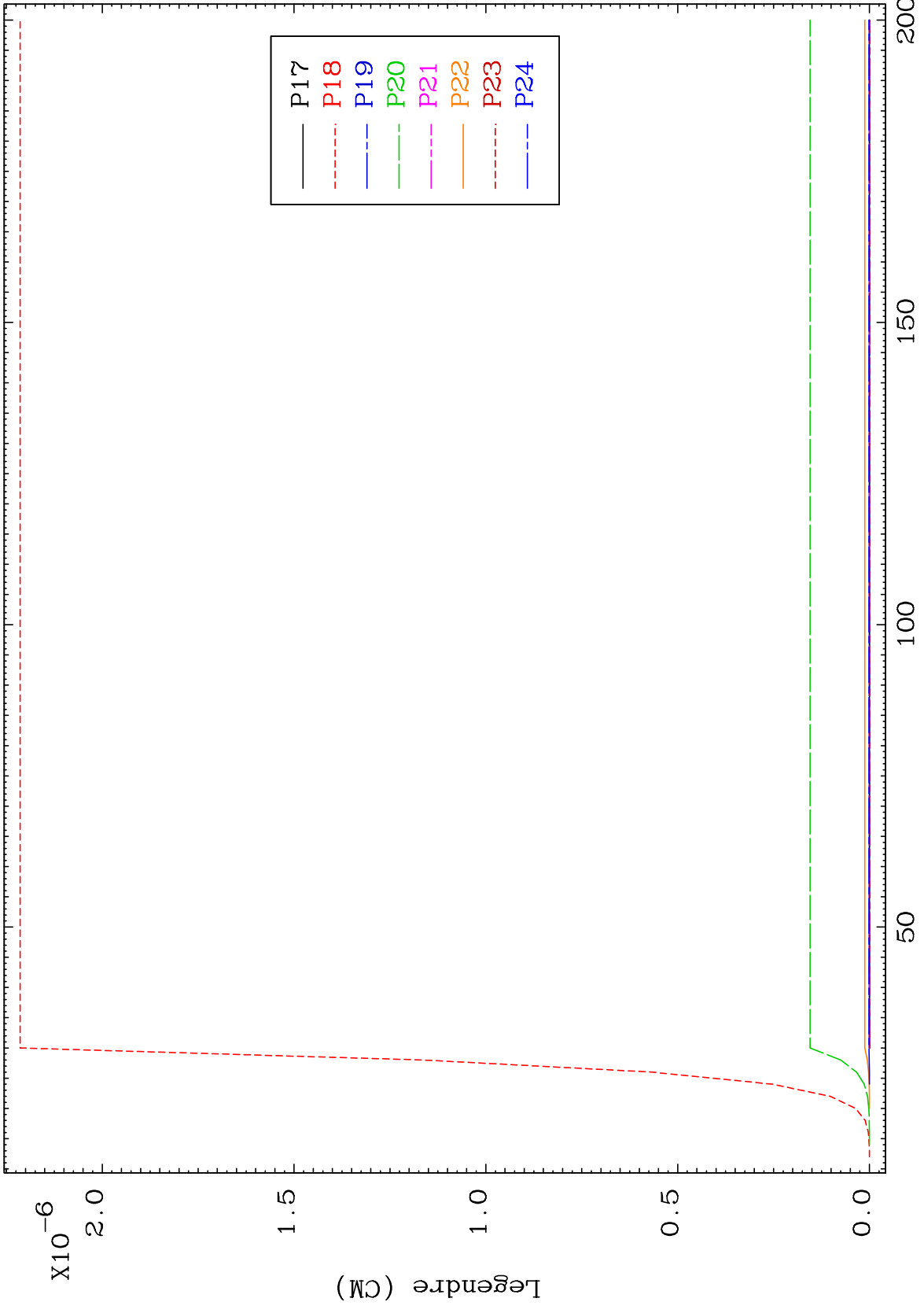
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



42

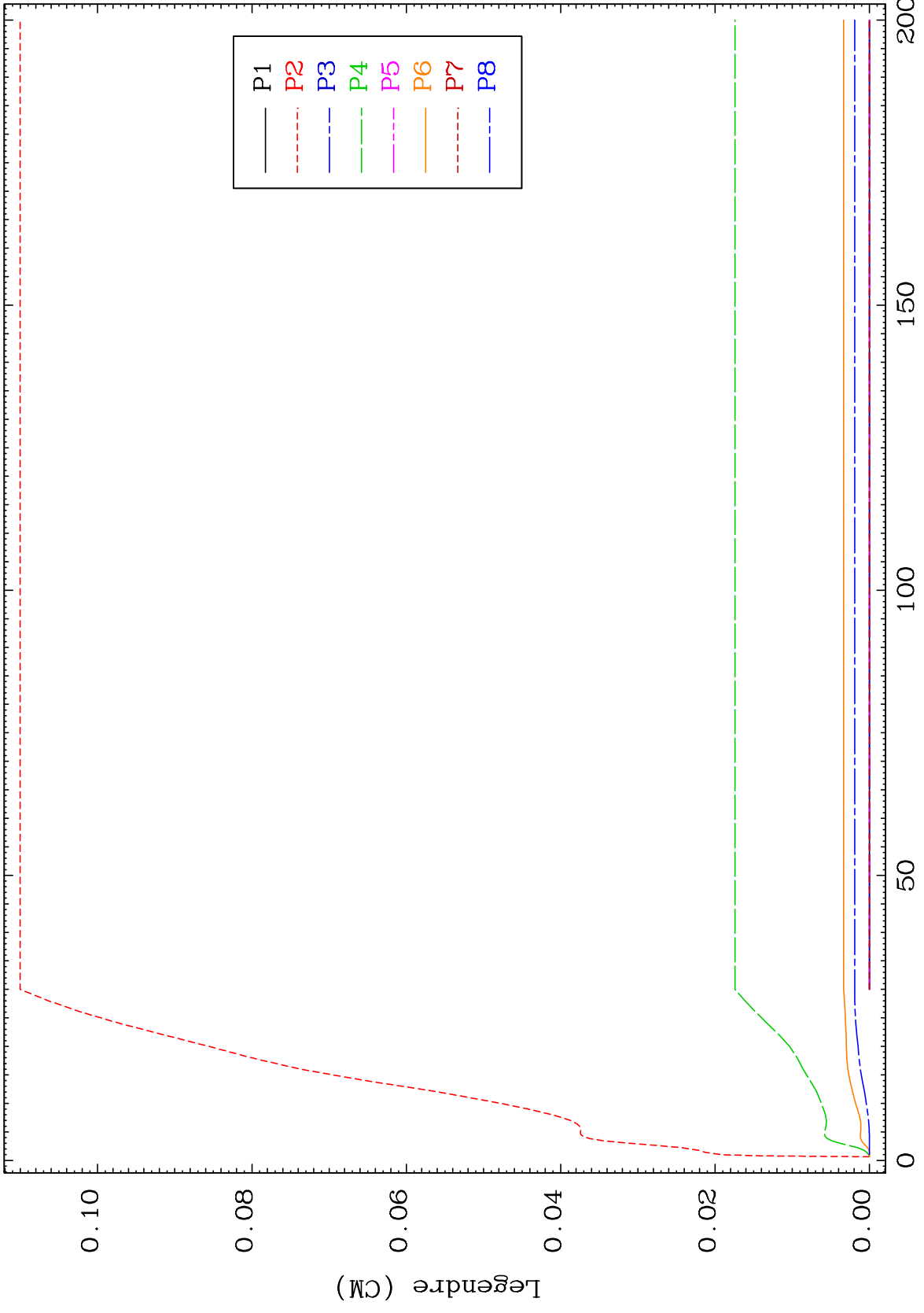
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



43

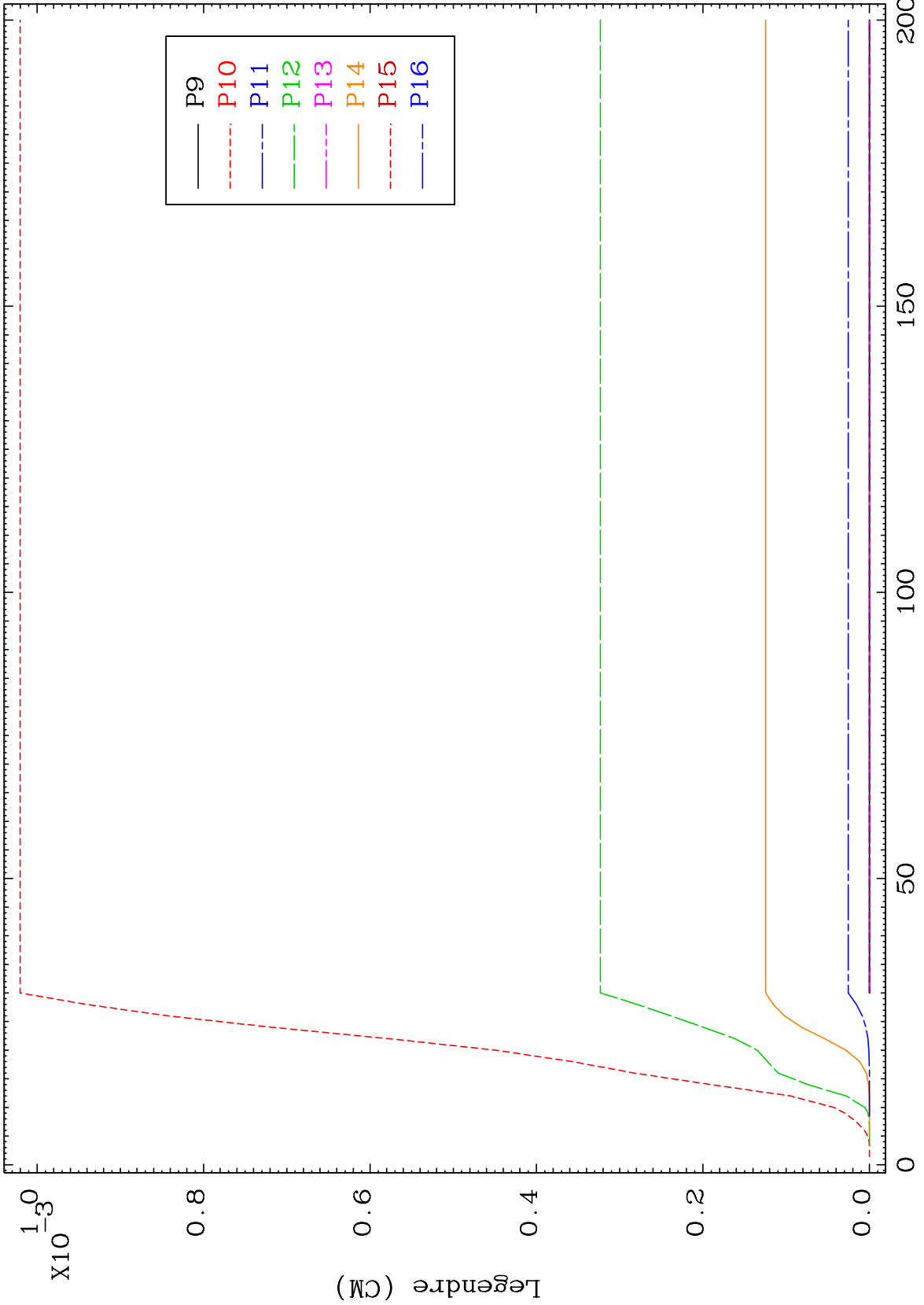
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75

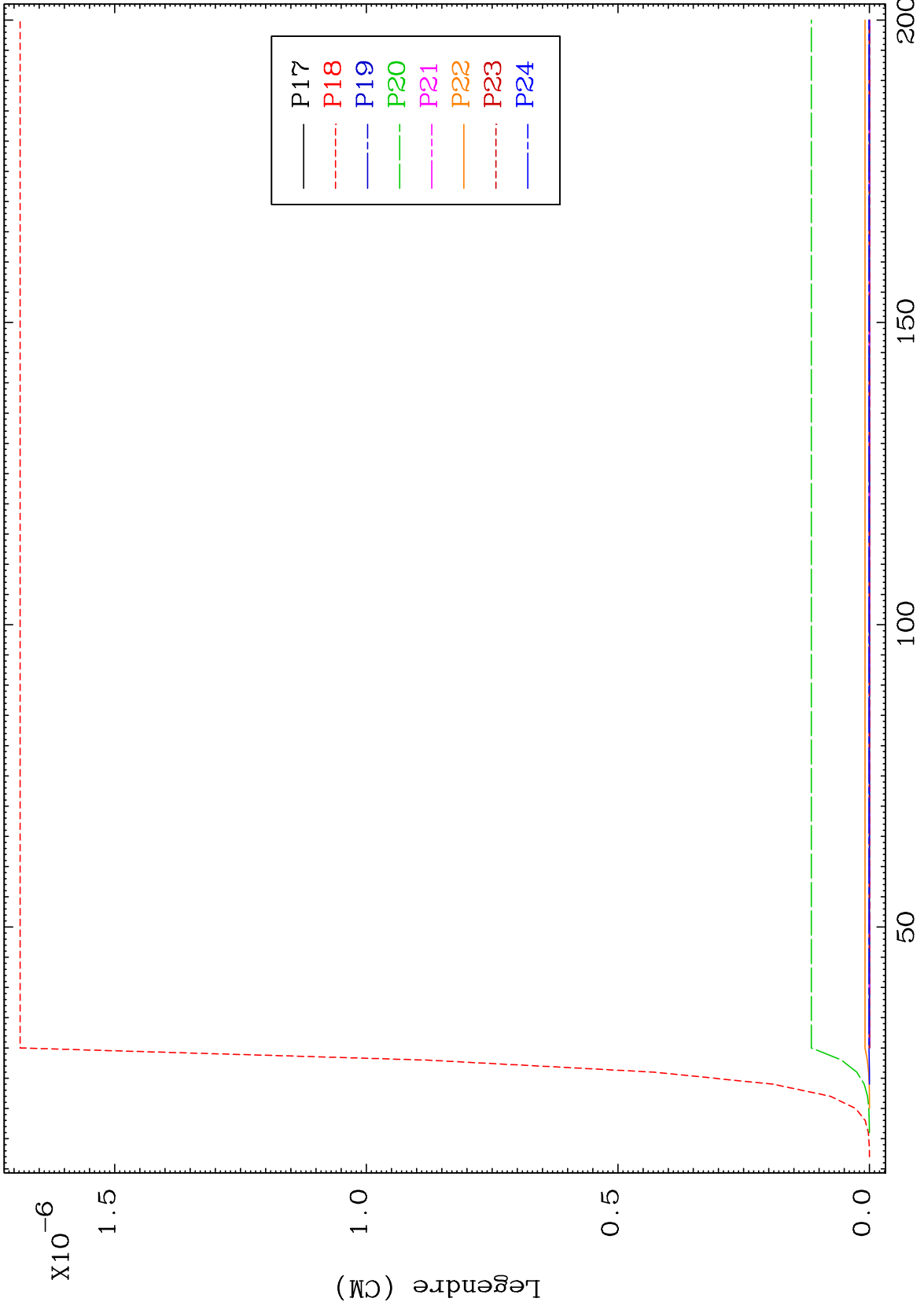


44

Incident Energy (MeV)

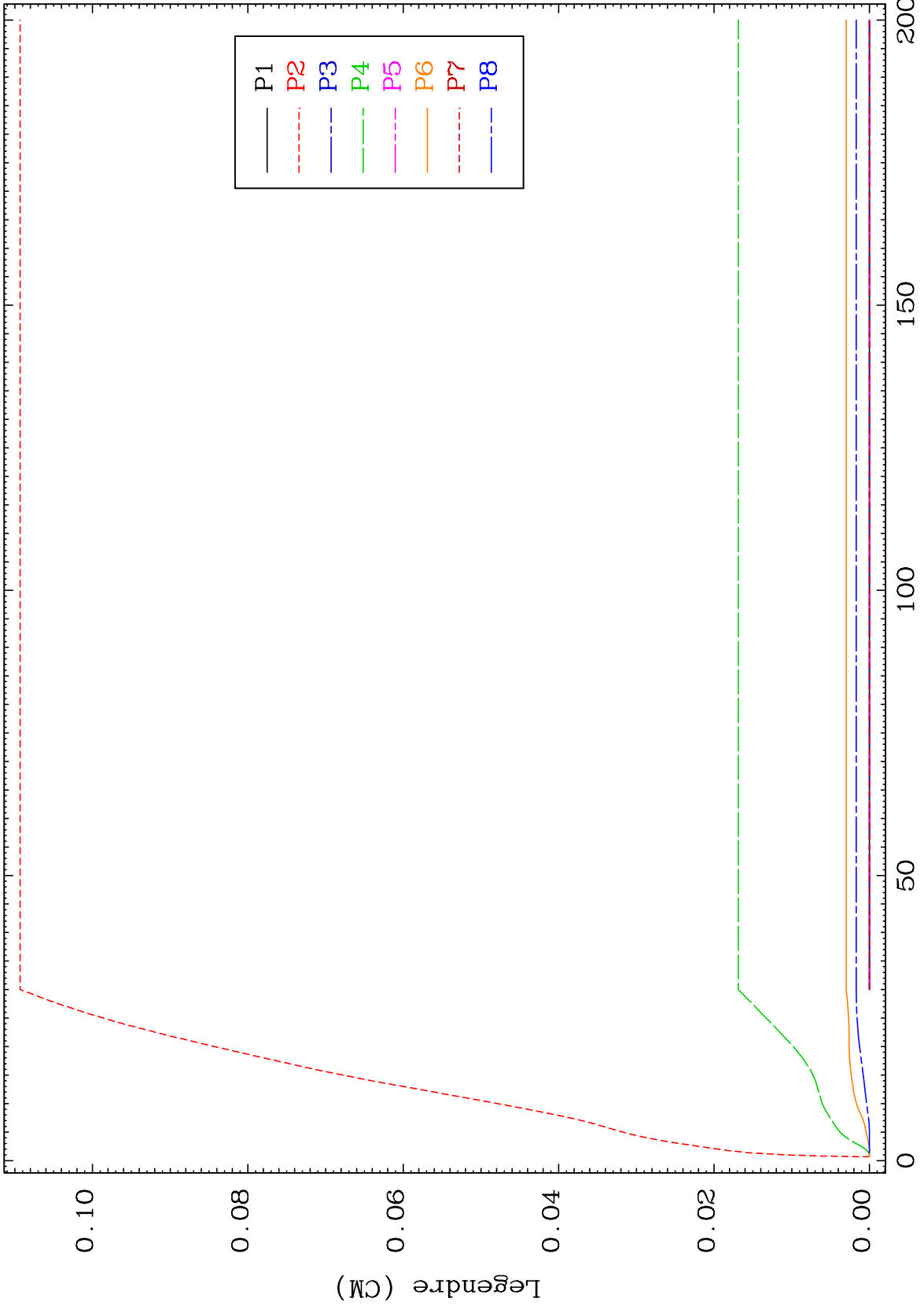
34-Se-75

MAT 3428 MT= 58 (n,n') Level Legendre Coefficients 34-Se-75



45 Incident Energy (MeV) 150 200 34-Se-75

MAT 3428 MT= 59 (n,n') Level Legendre Coefficients 34-Se-75

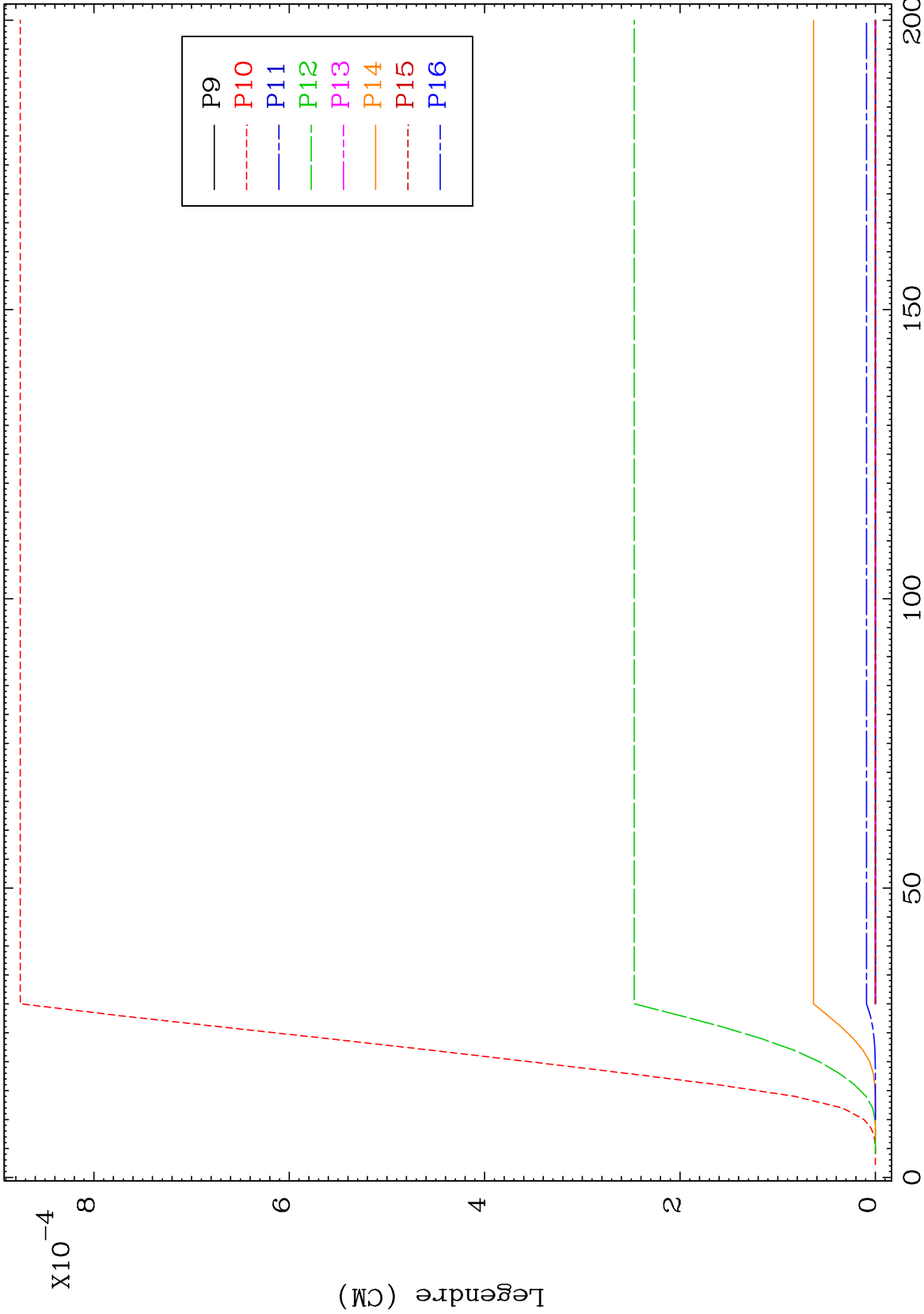


46 Incident Energy (MeV) 34-Se-75

MAT 3428

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

34-Se-75

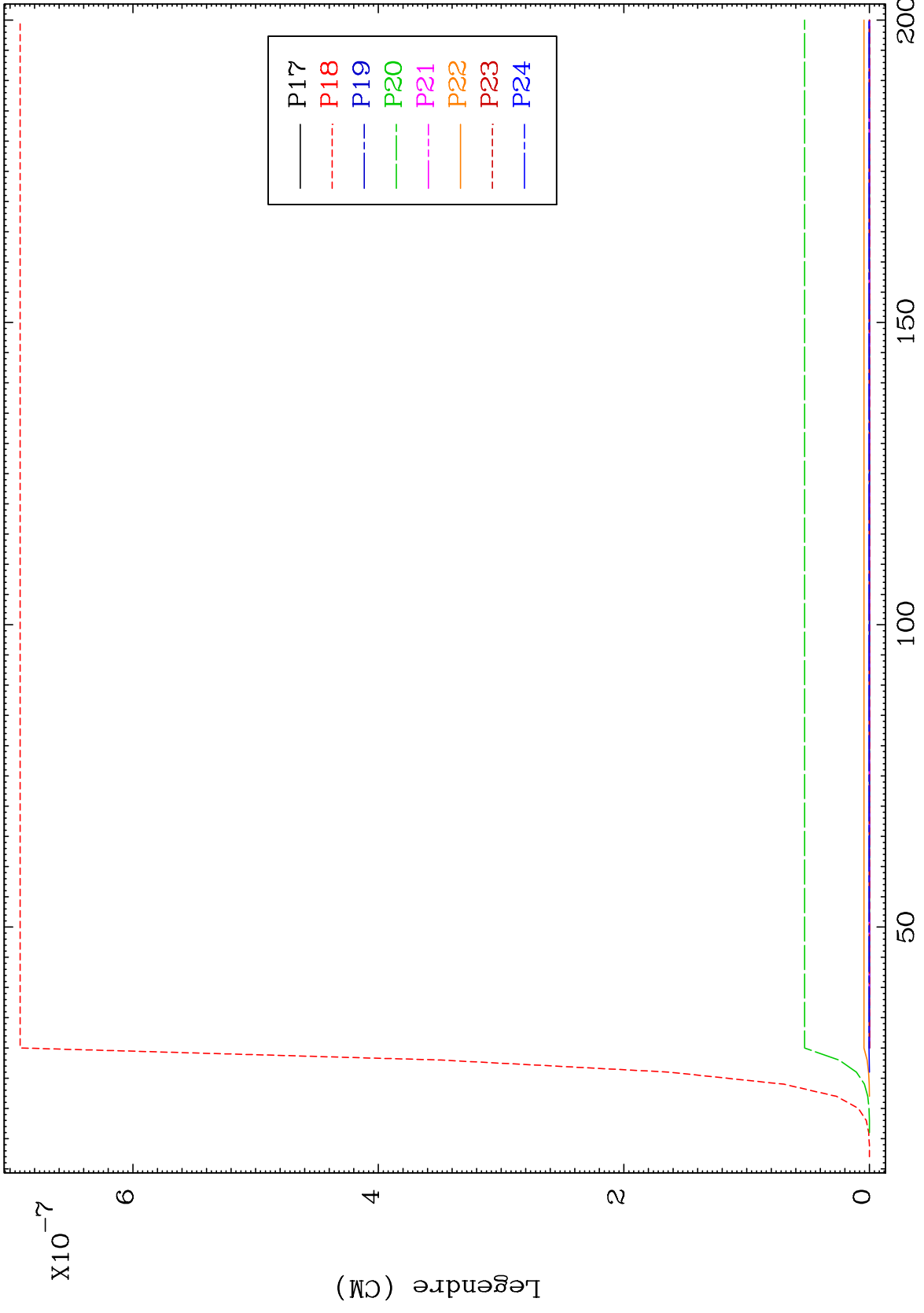


47

Incident Energy (MeV)

34-Se-75

MAT 3428 MT= 59 (n,n') Level Legendre Coefficients 34-Se-75

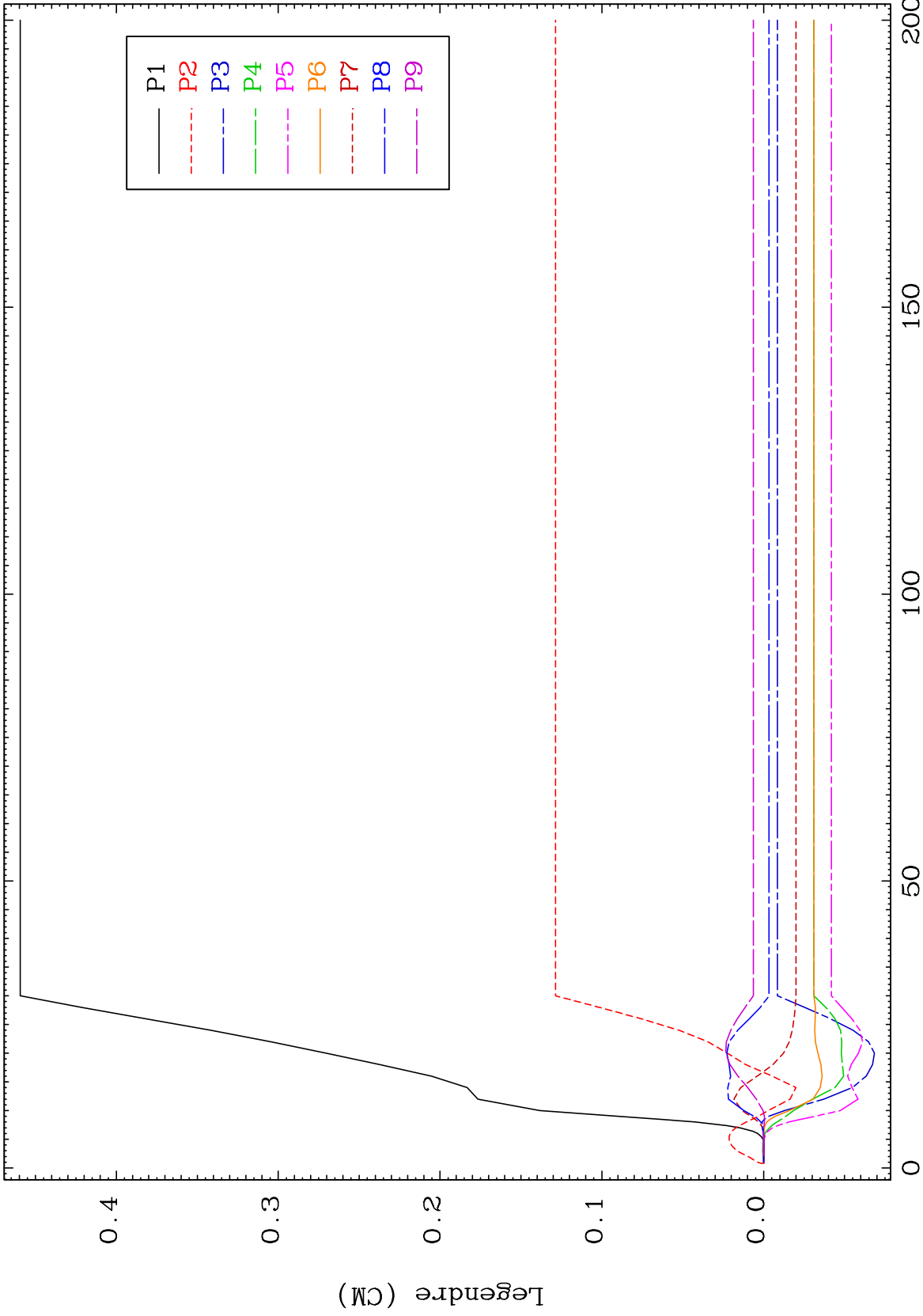


48 Incident Energy (MeV) 34-Se-75

MAT 3428

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

34-Se-75

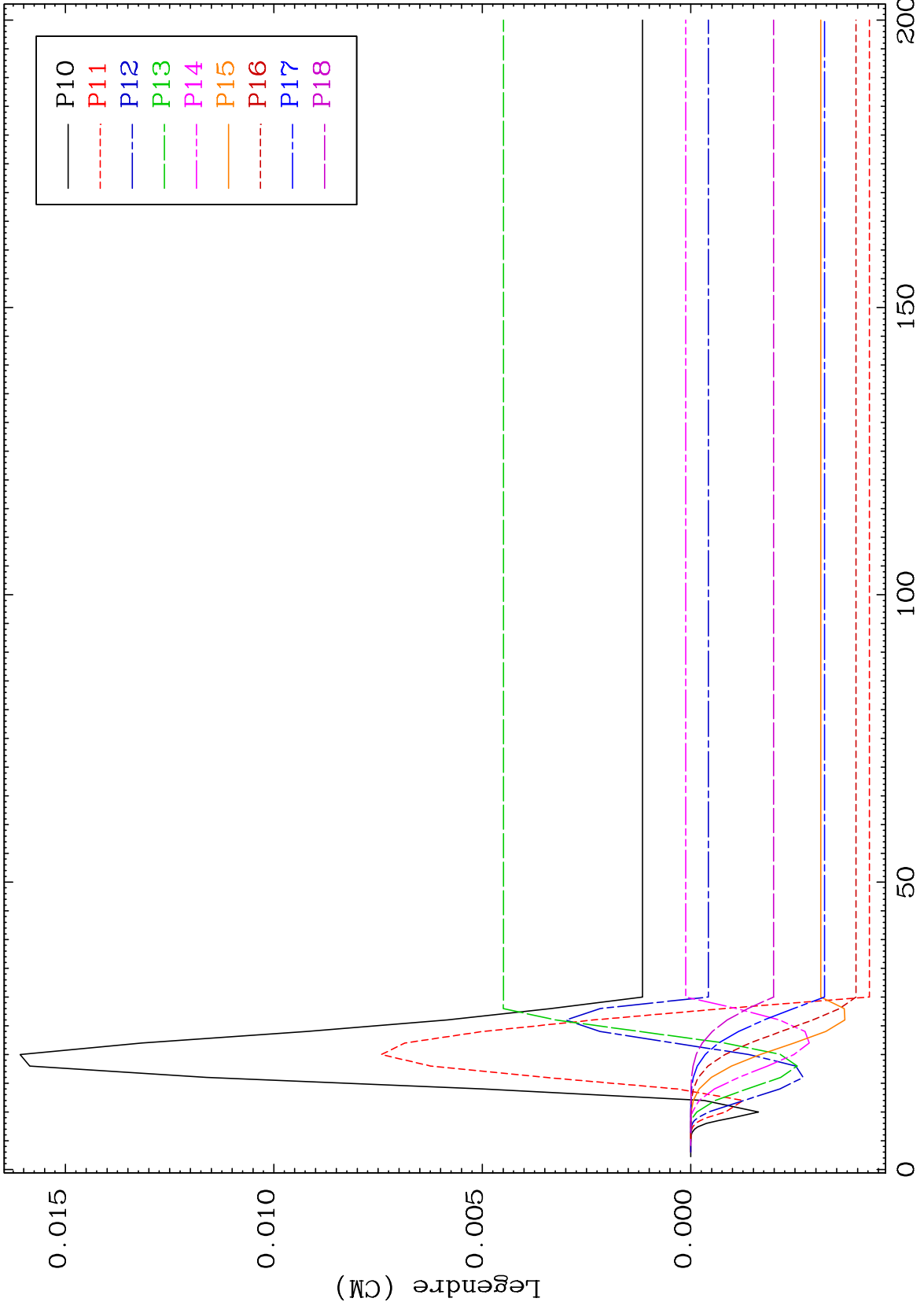


49

Incident Energy (MeV)

34-Se-75

MAT 3428 MT= 60 (n,n') Level Legendre Coefficients 34-Se-75

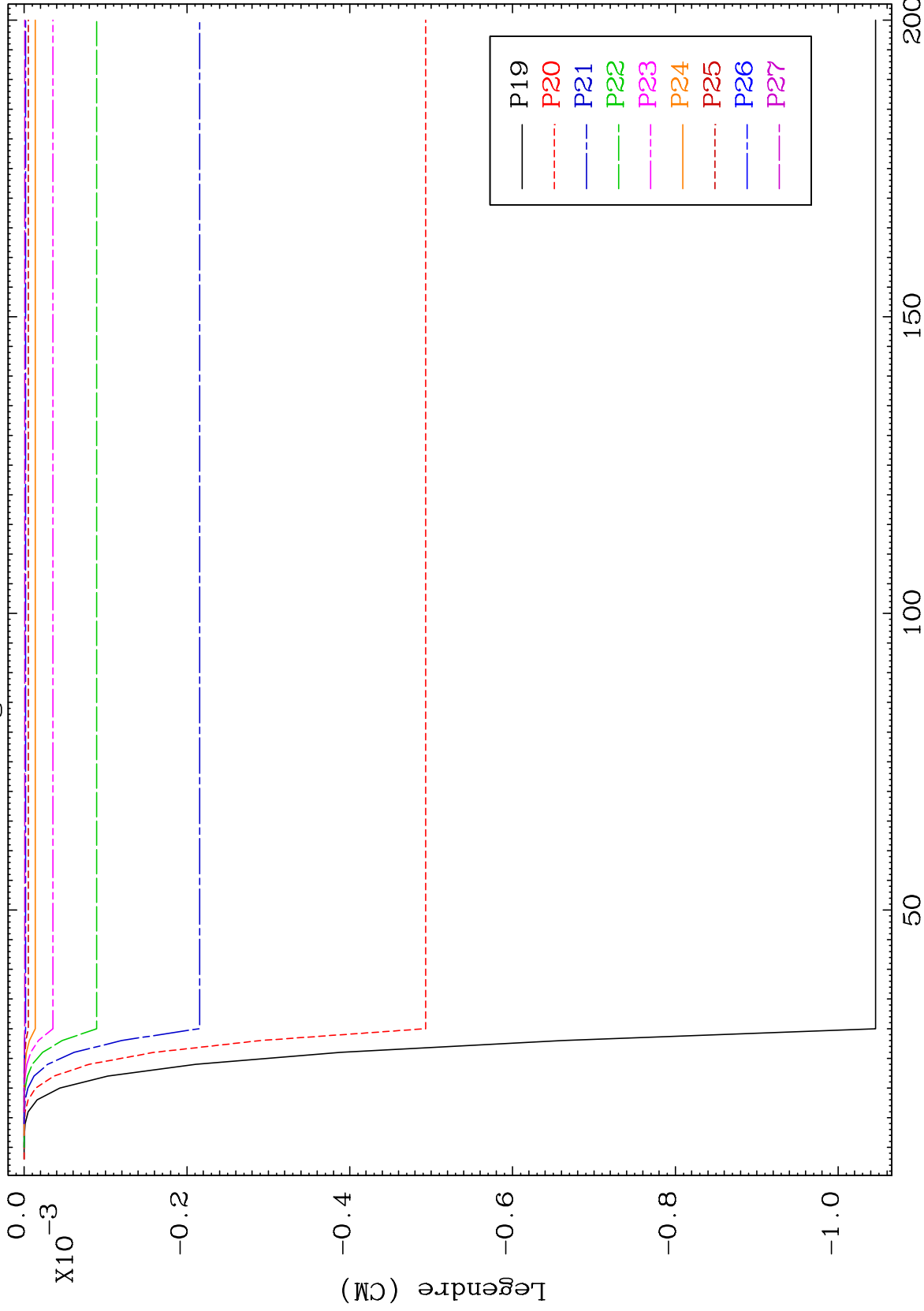


34-Se-75

MAT 3428

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

34-Se-75



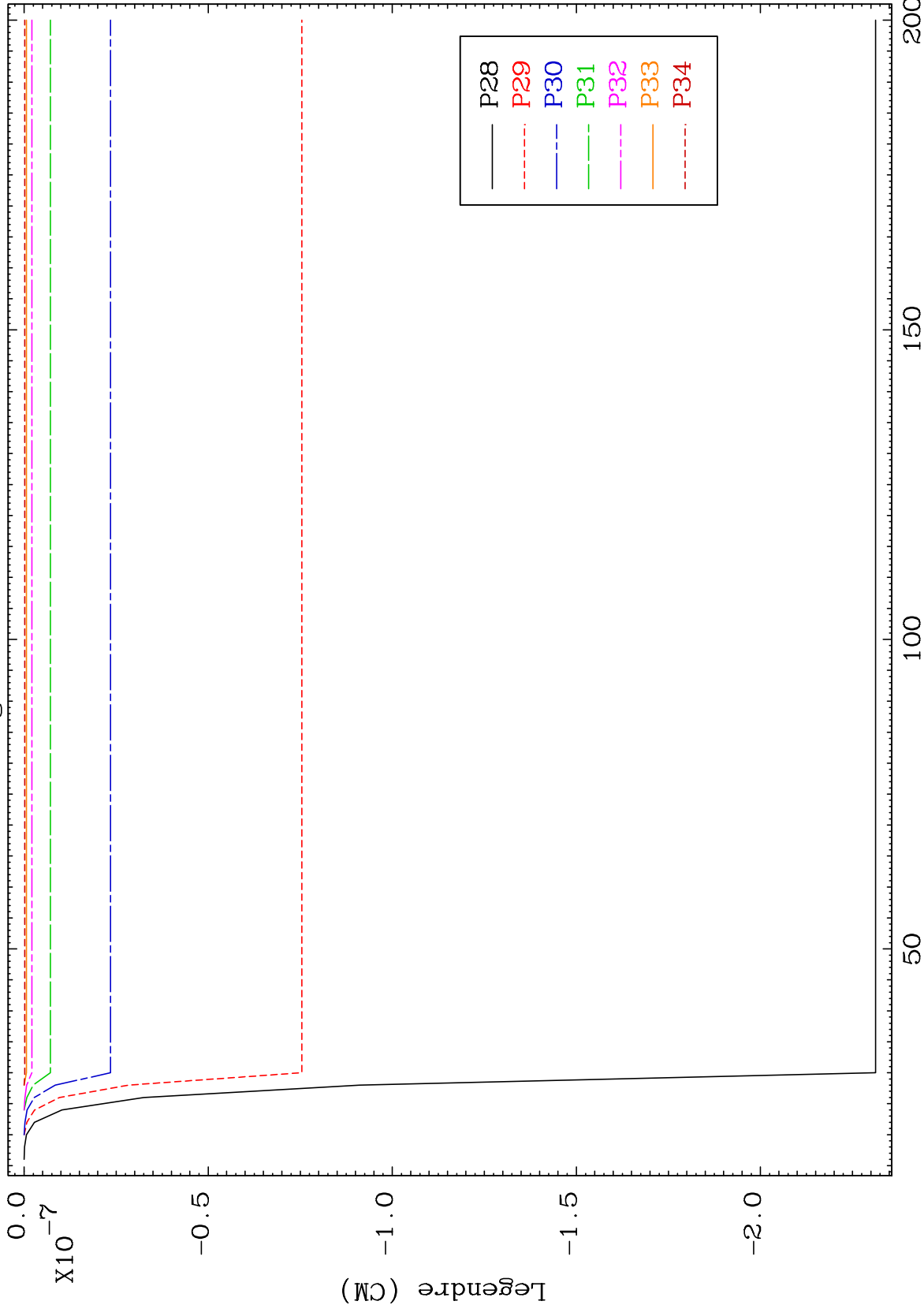
51

34-Se-75

MAT 3428

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

34-Se-75



34-Se-75

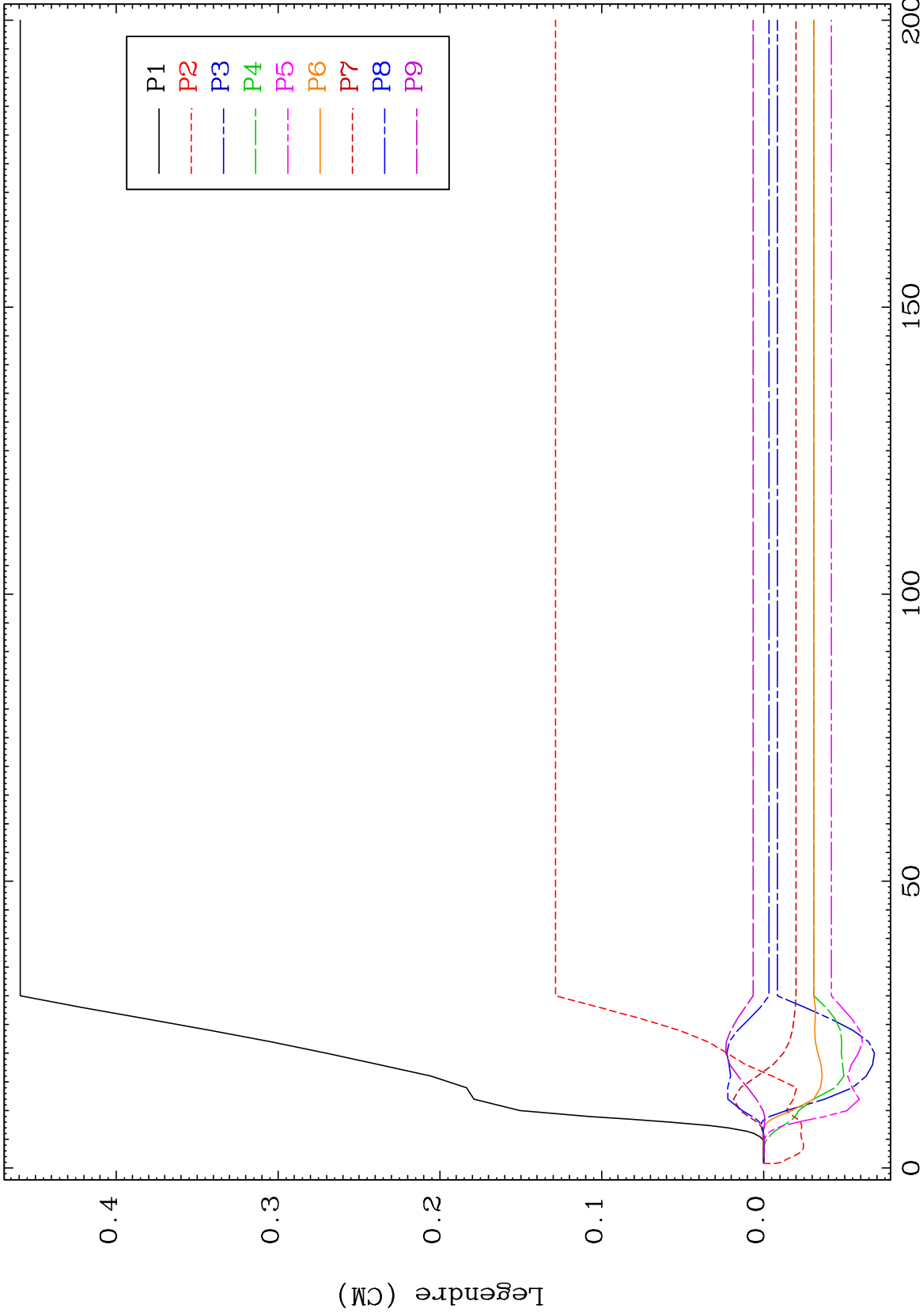
Incident Energy (MeV)

52

MAT 3428

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

34-Se-75



53

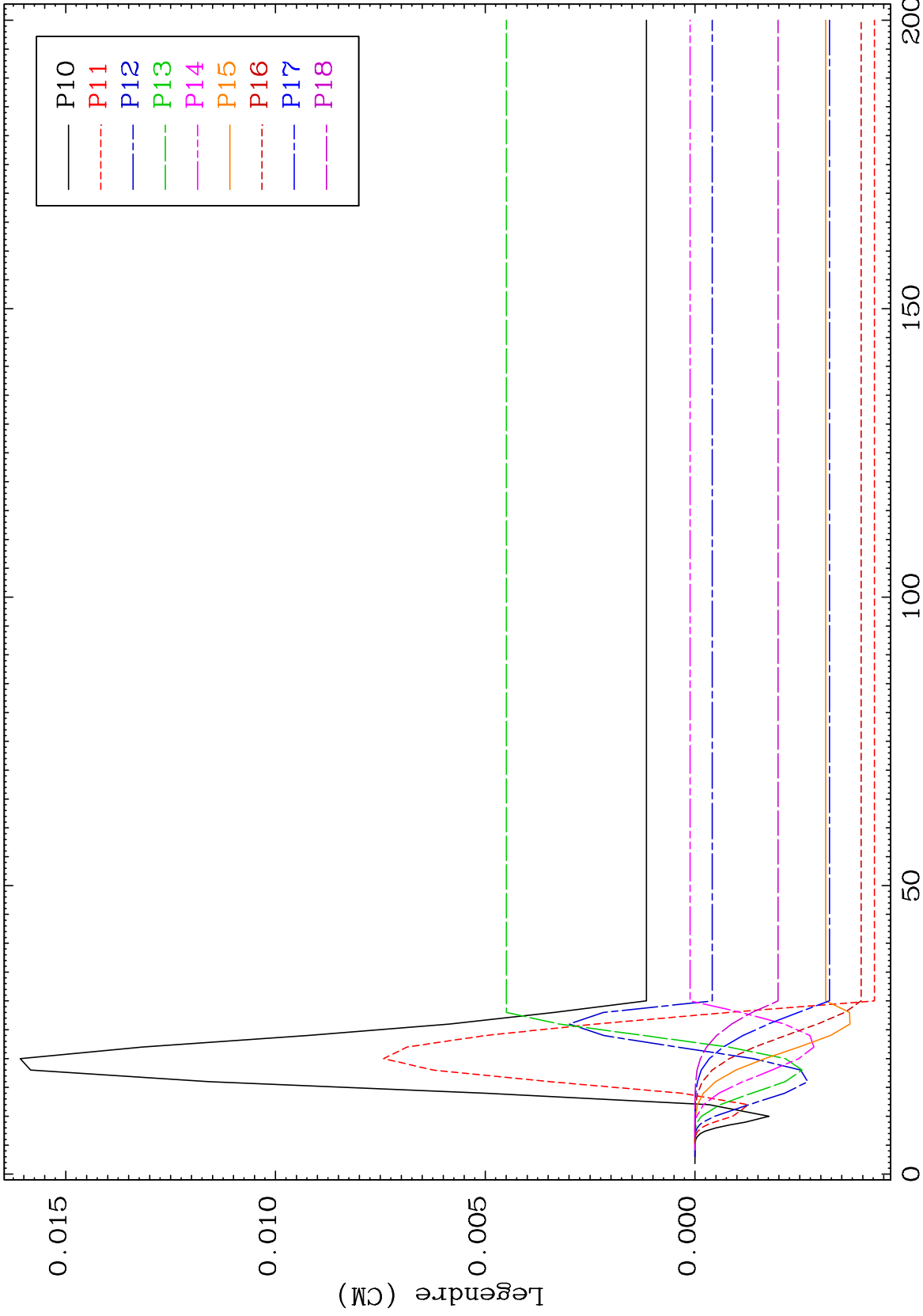
Incident Energy (MeV)

34-Se-75

MAT 3428

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

<sup>34</sup>Se-75



54

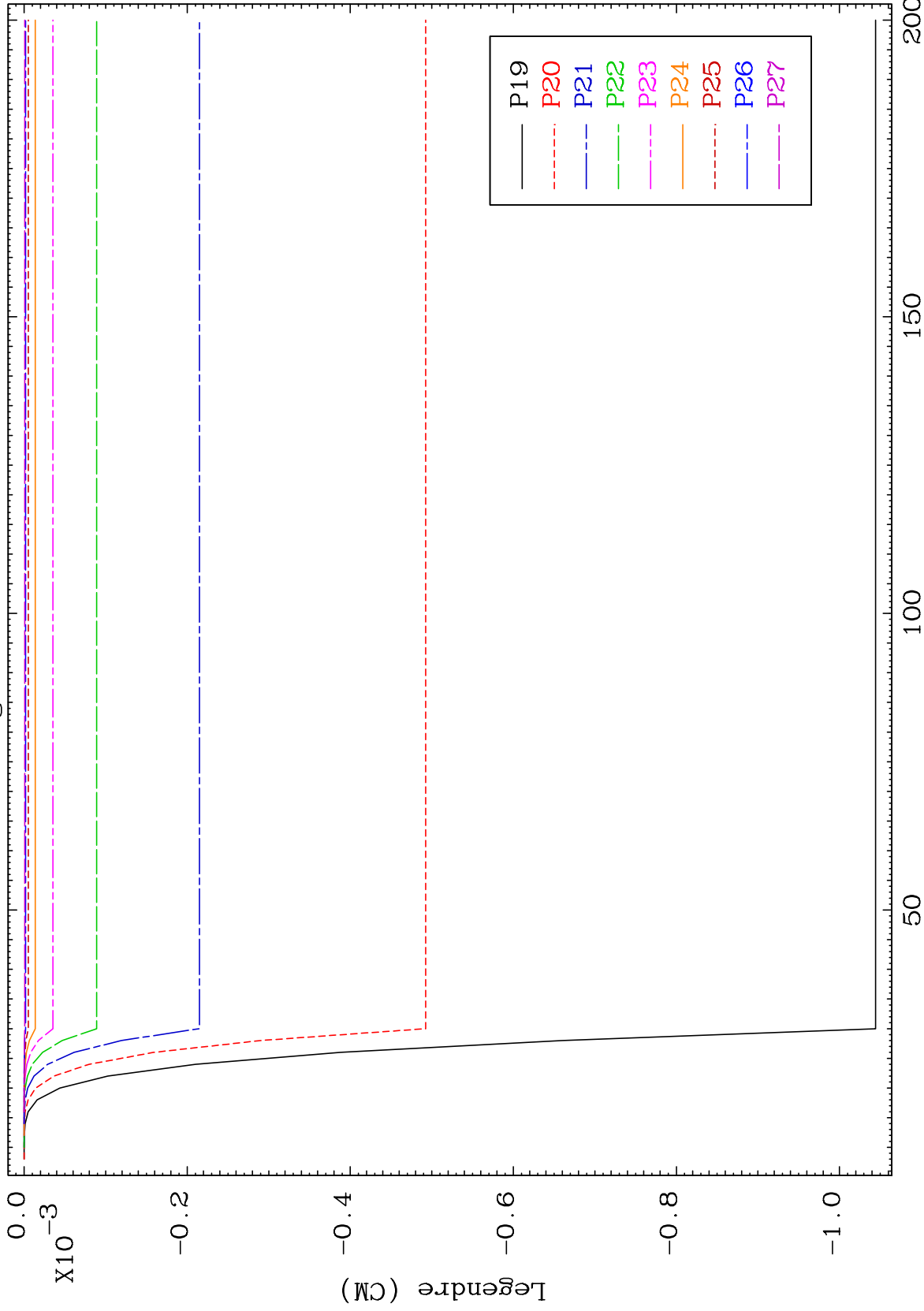
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

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

34-Se-75



55

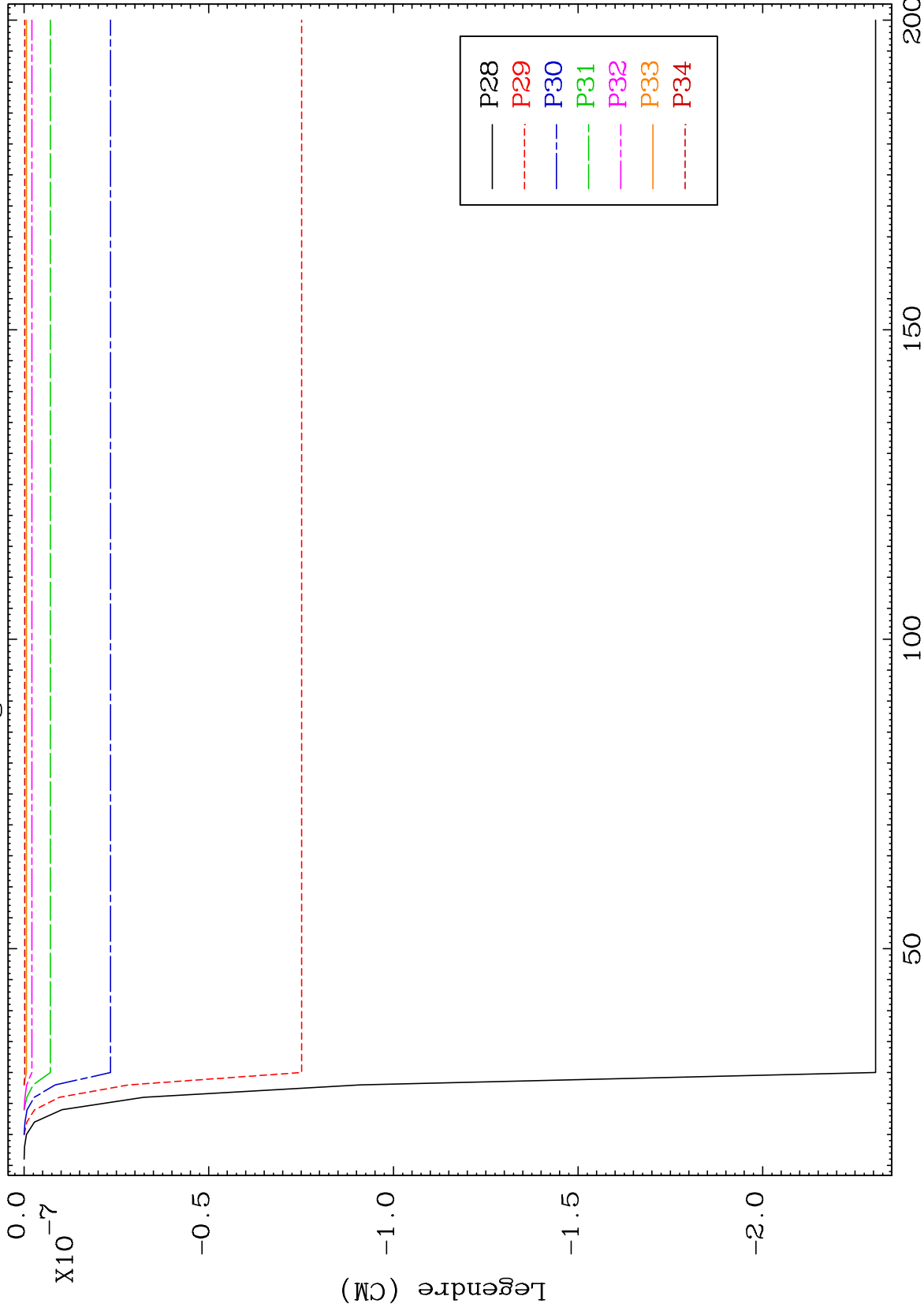
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



34-Se-75

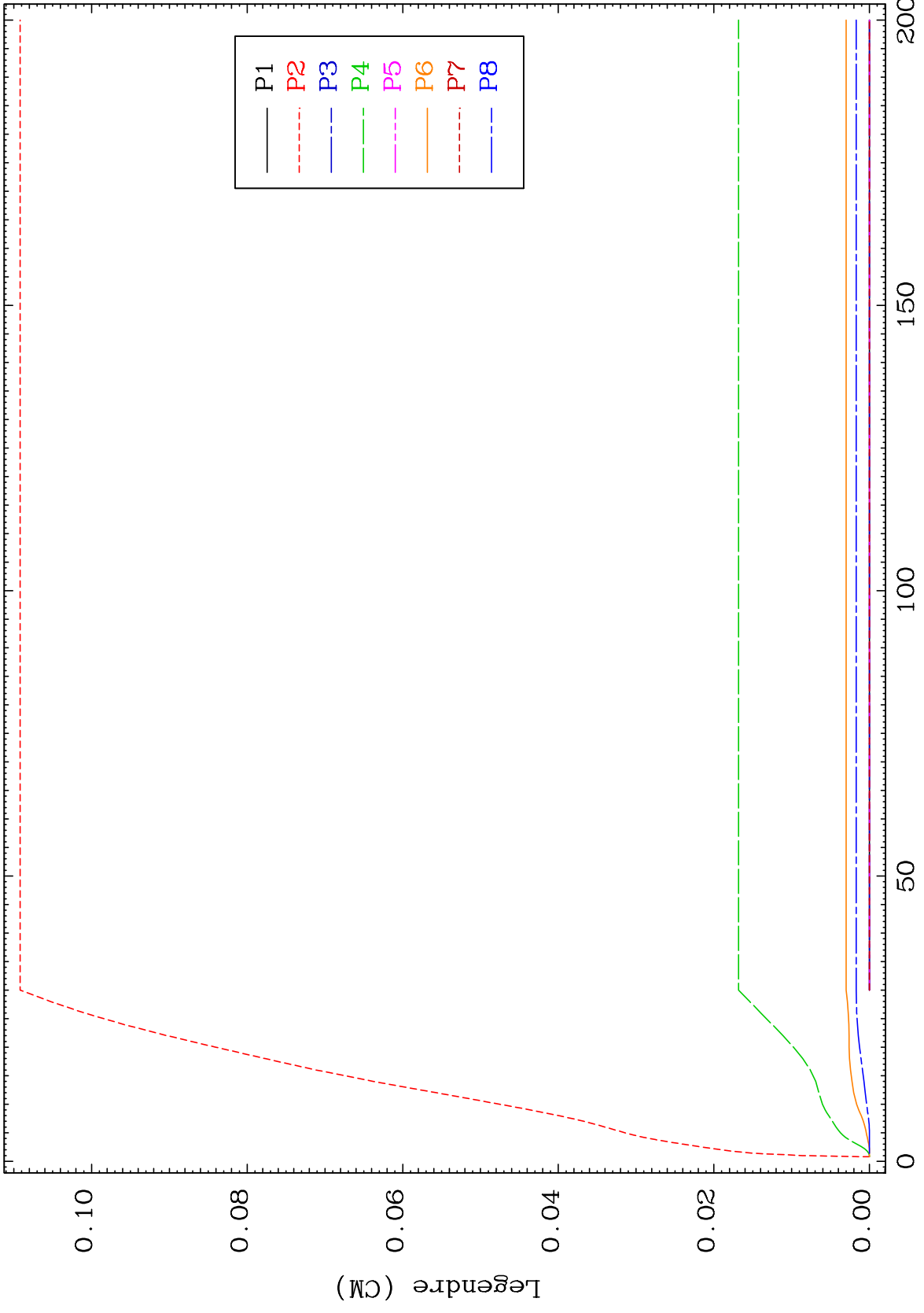
Incident Energy (MeV)

56

MAT 3428

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

34-Se-75



57

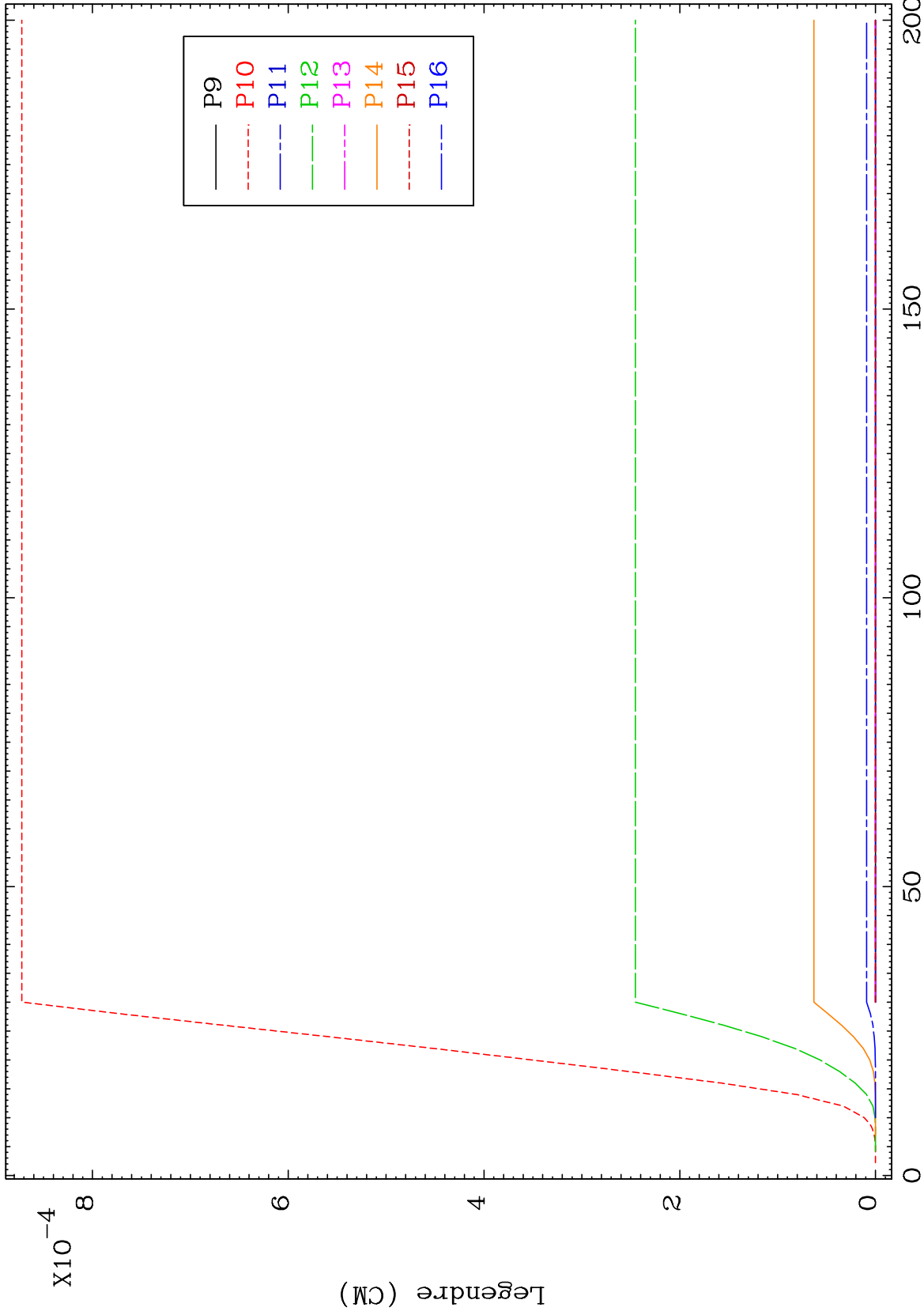
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



58

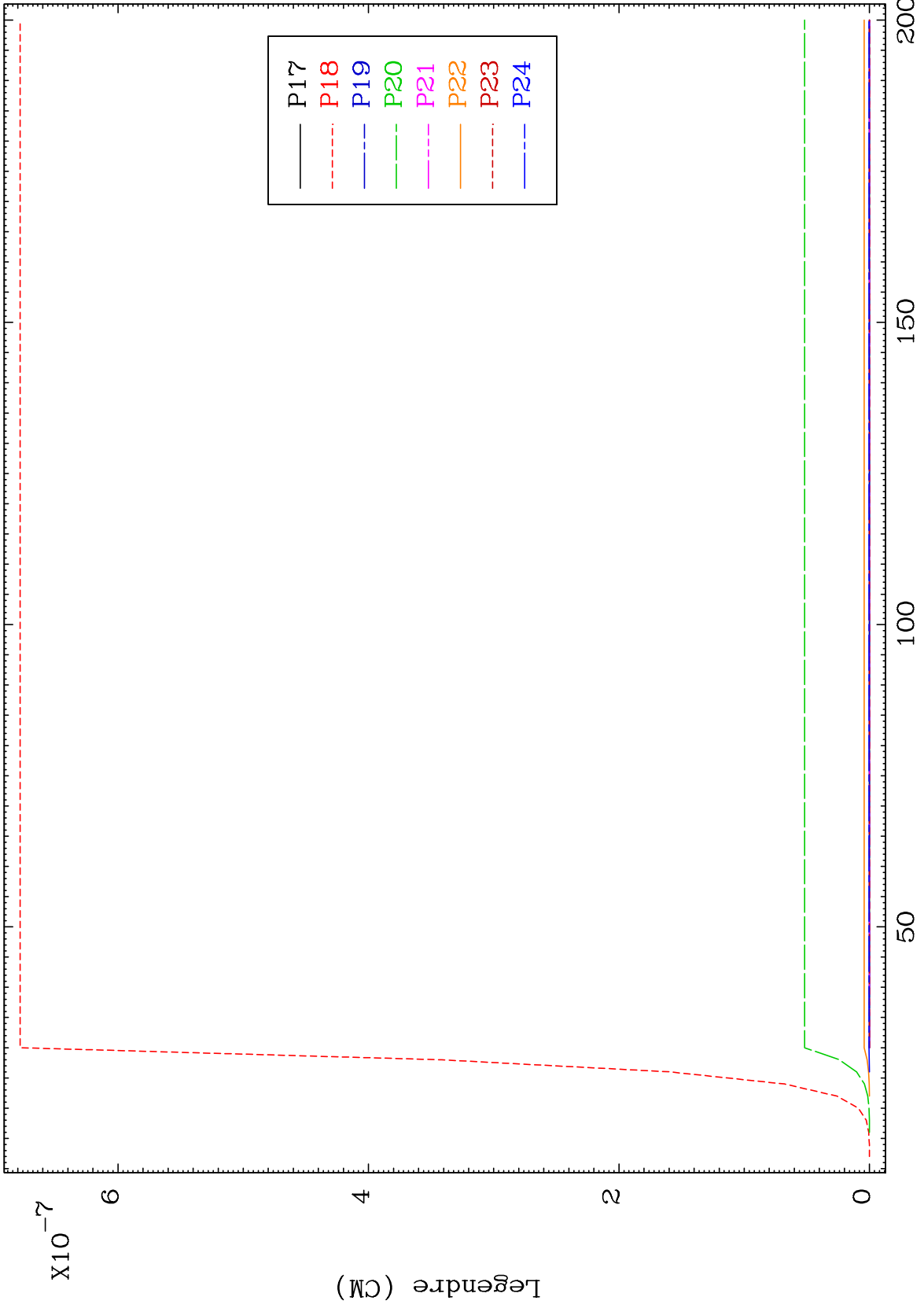
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



59

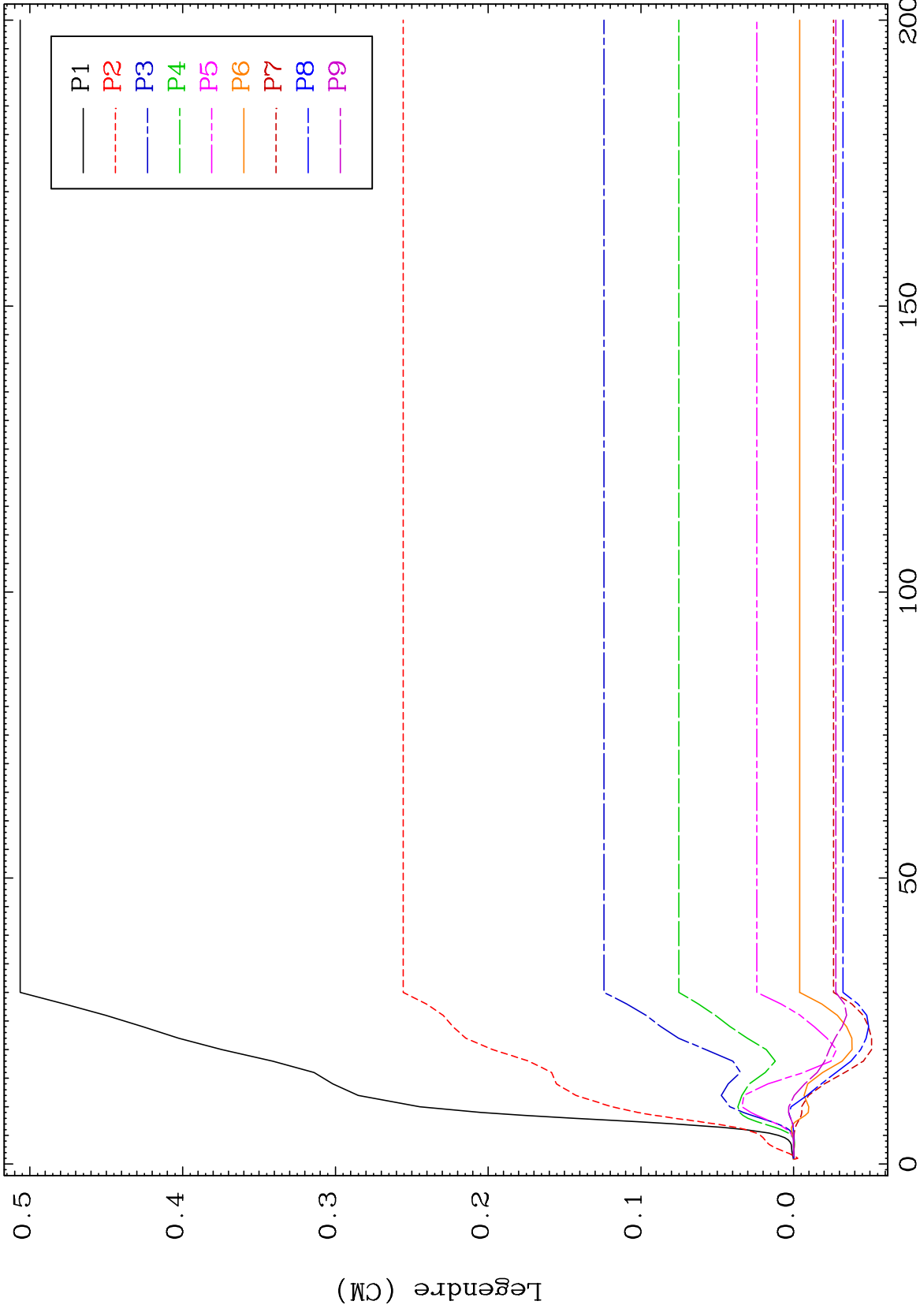
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



34-Se-75

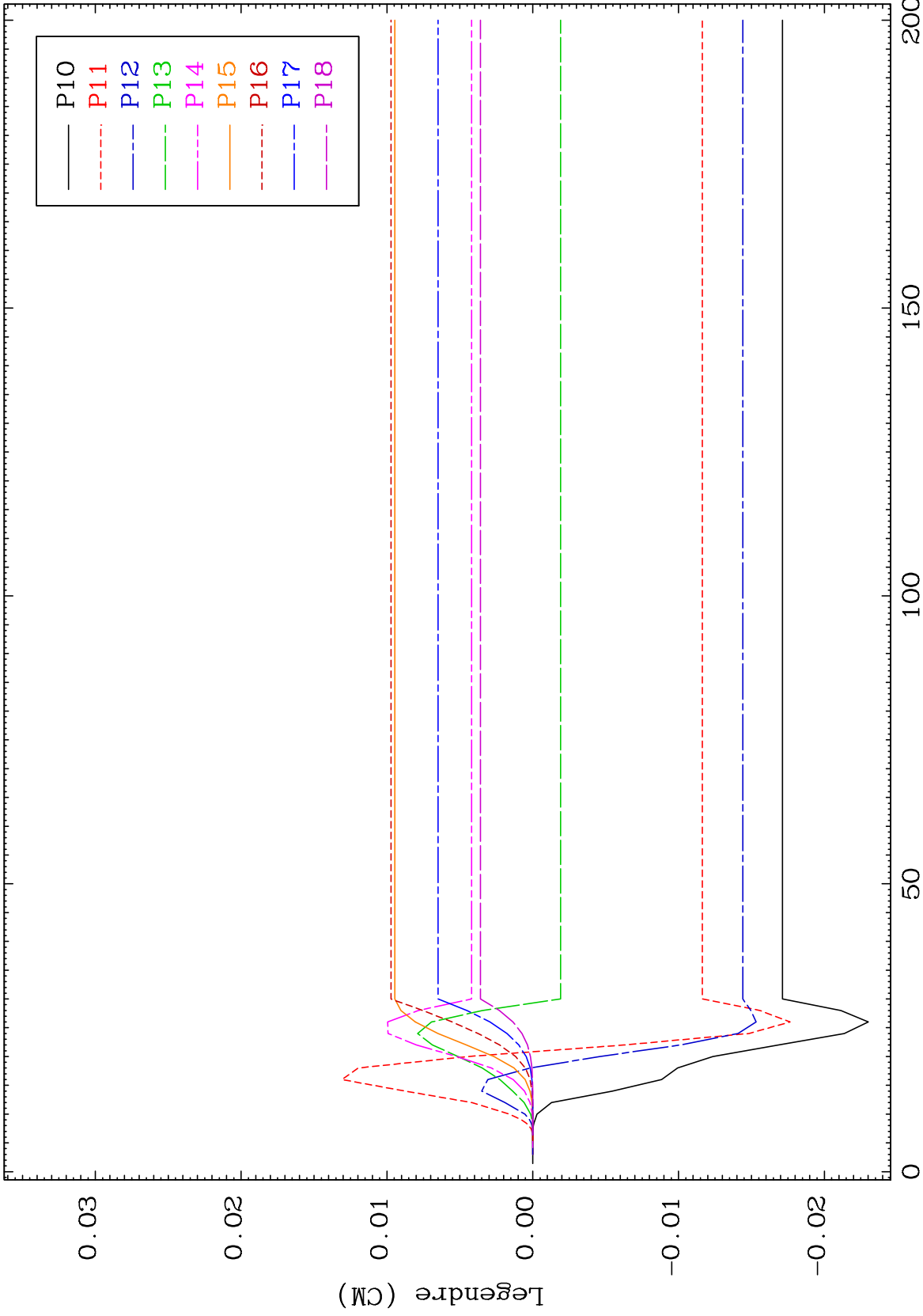
Incident Energy (MeV)

60

MAT 3428

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

<sup>34</sup>Se-75



61

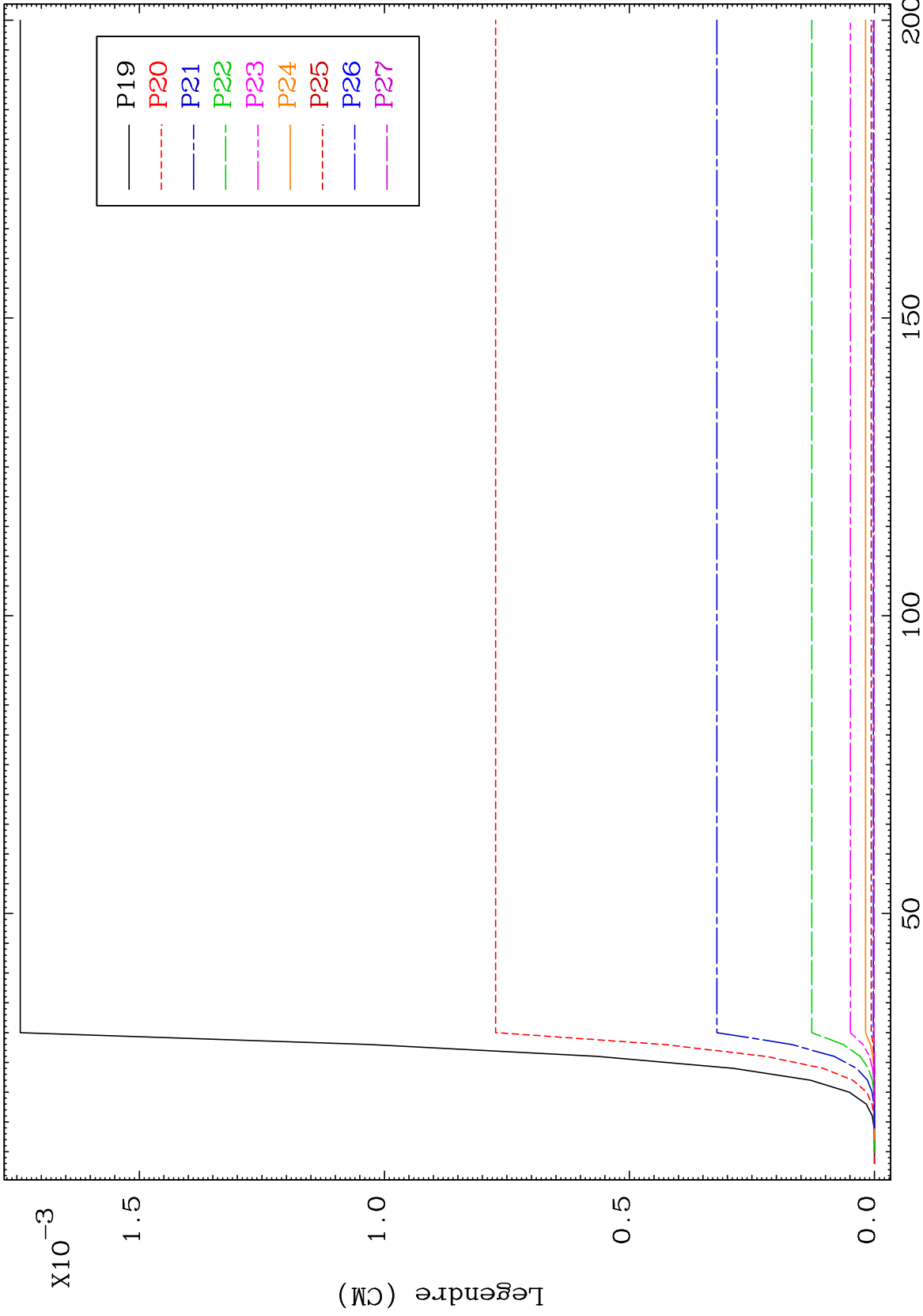
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

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

34-Se-75



62

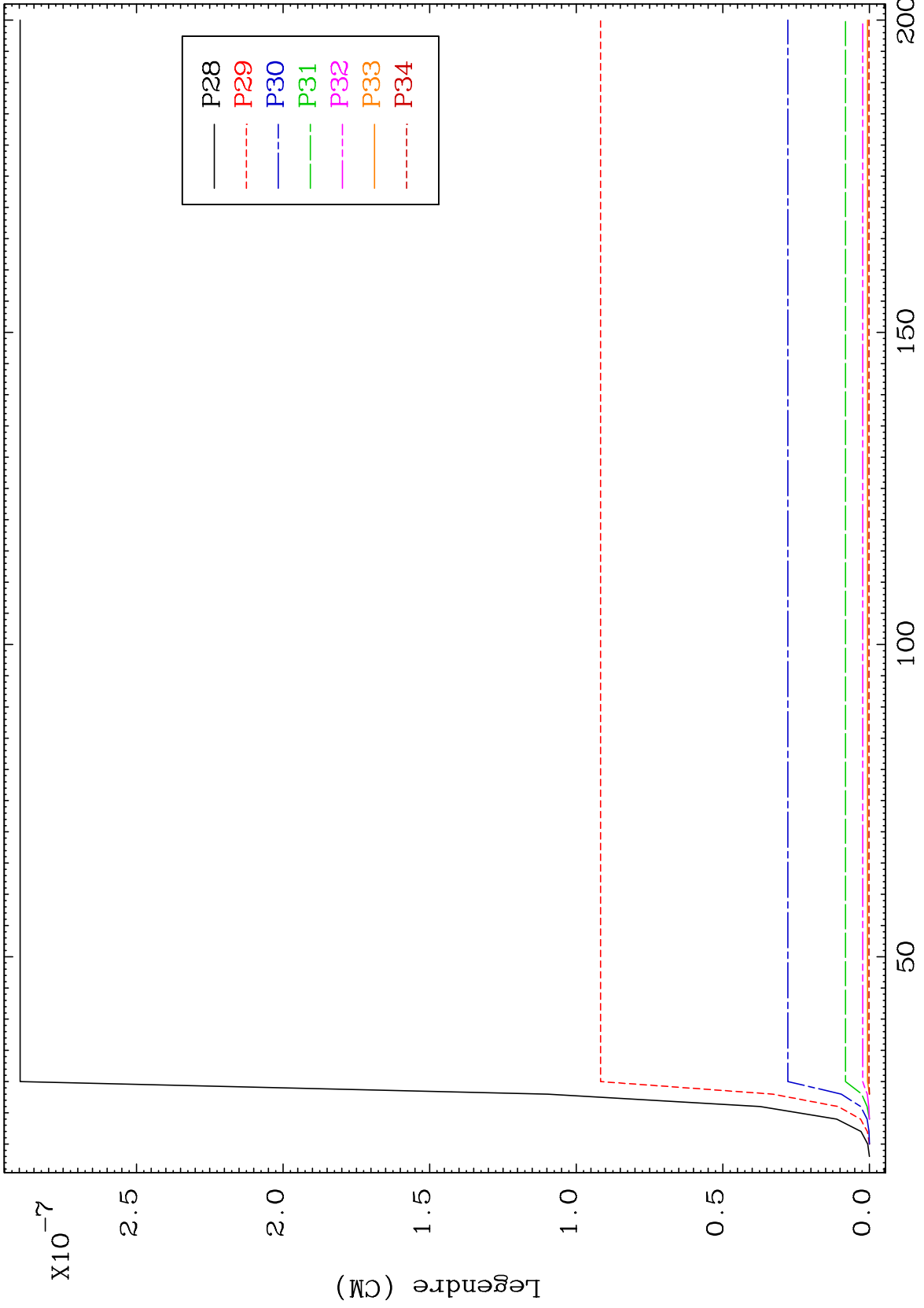
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



63

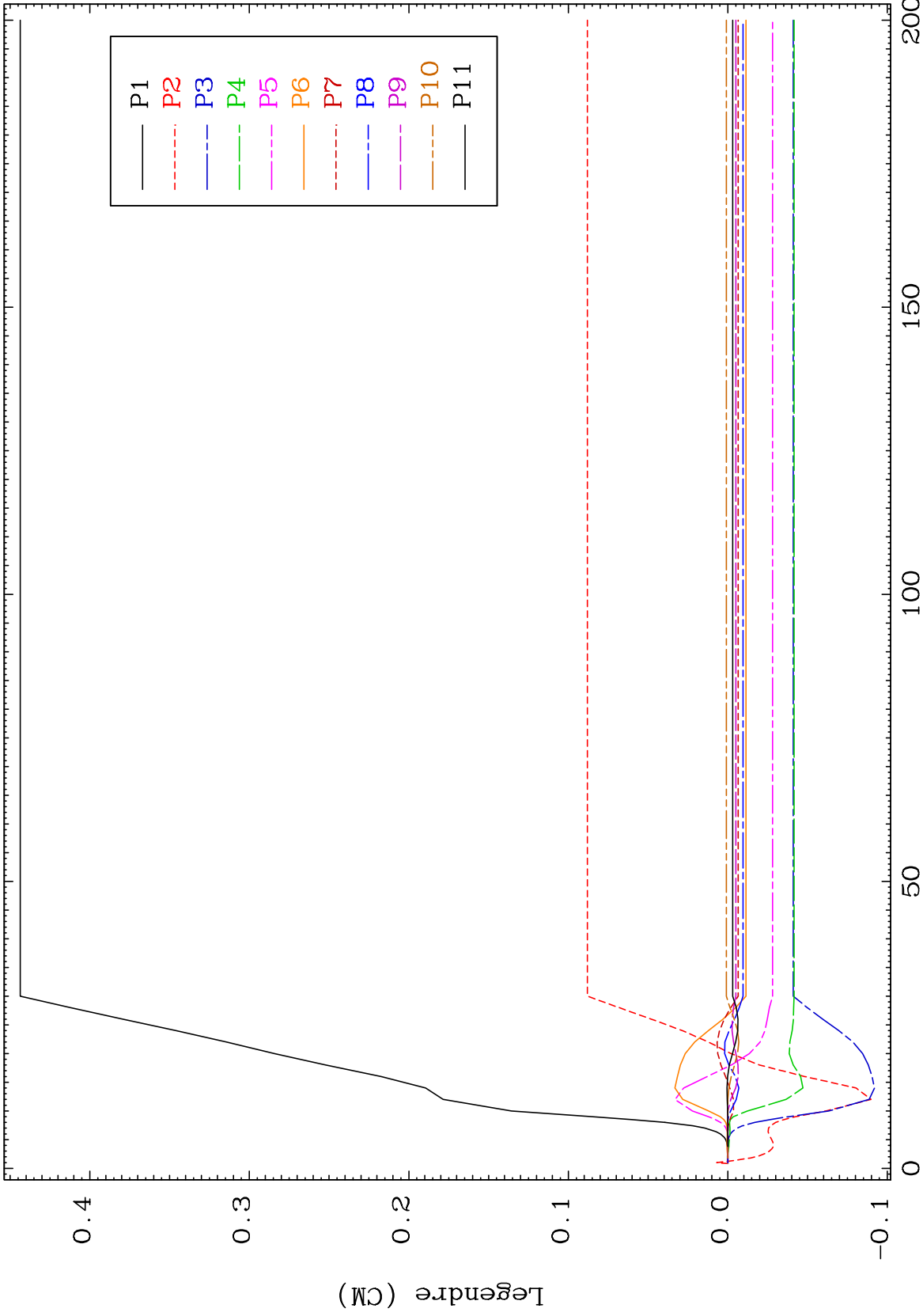
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



64

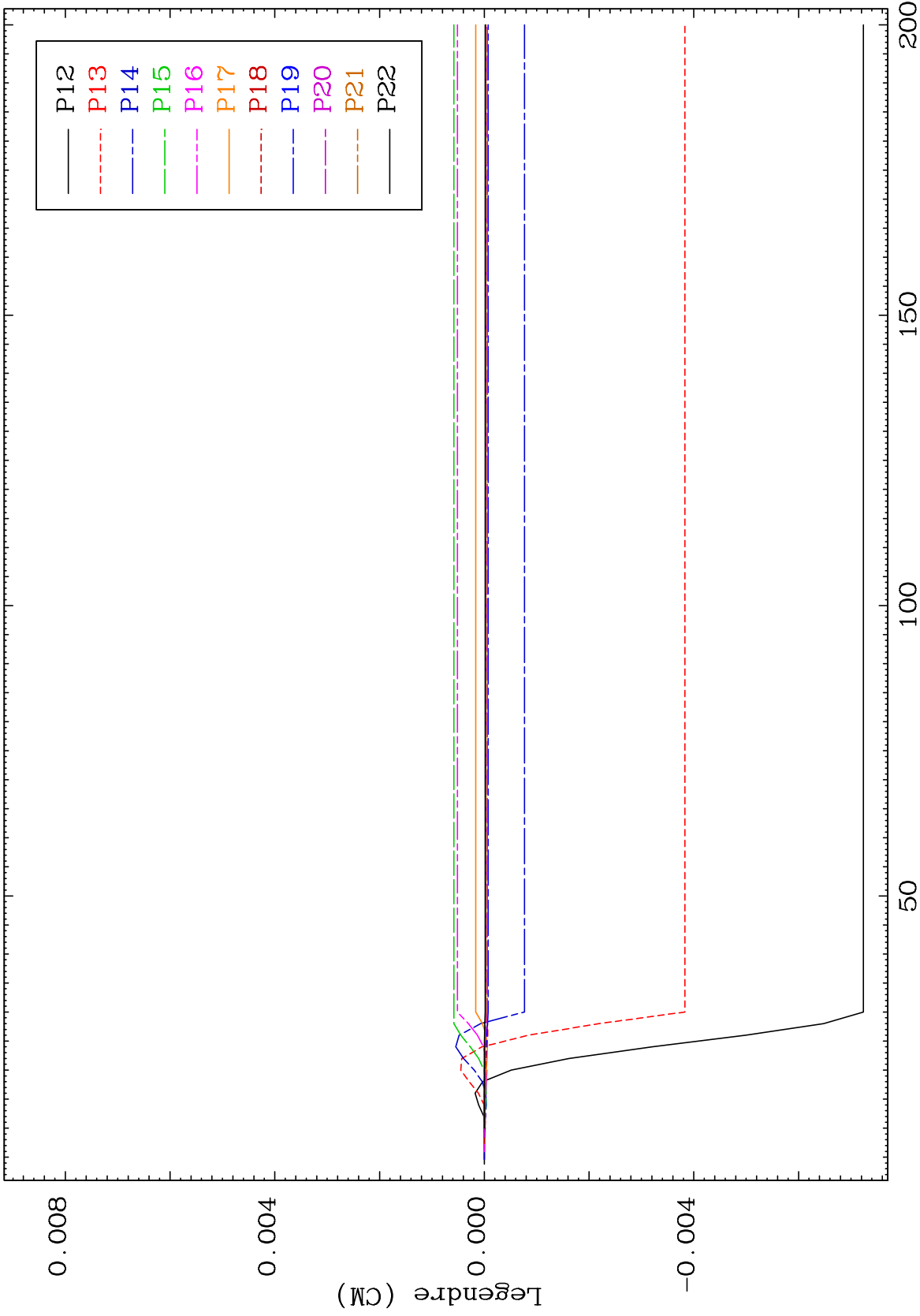
Incident Energy (MeV)

34-Se-75

MAT 3428

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

<sup>34</sup>Se-75



65

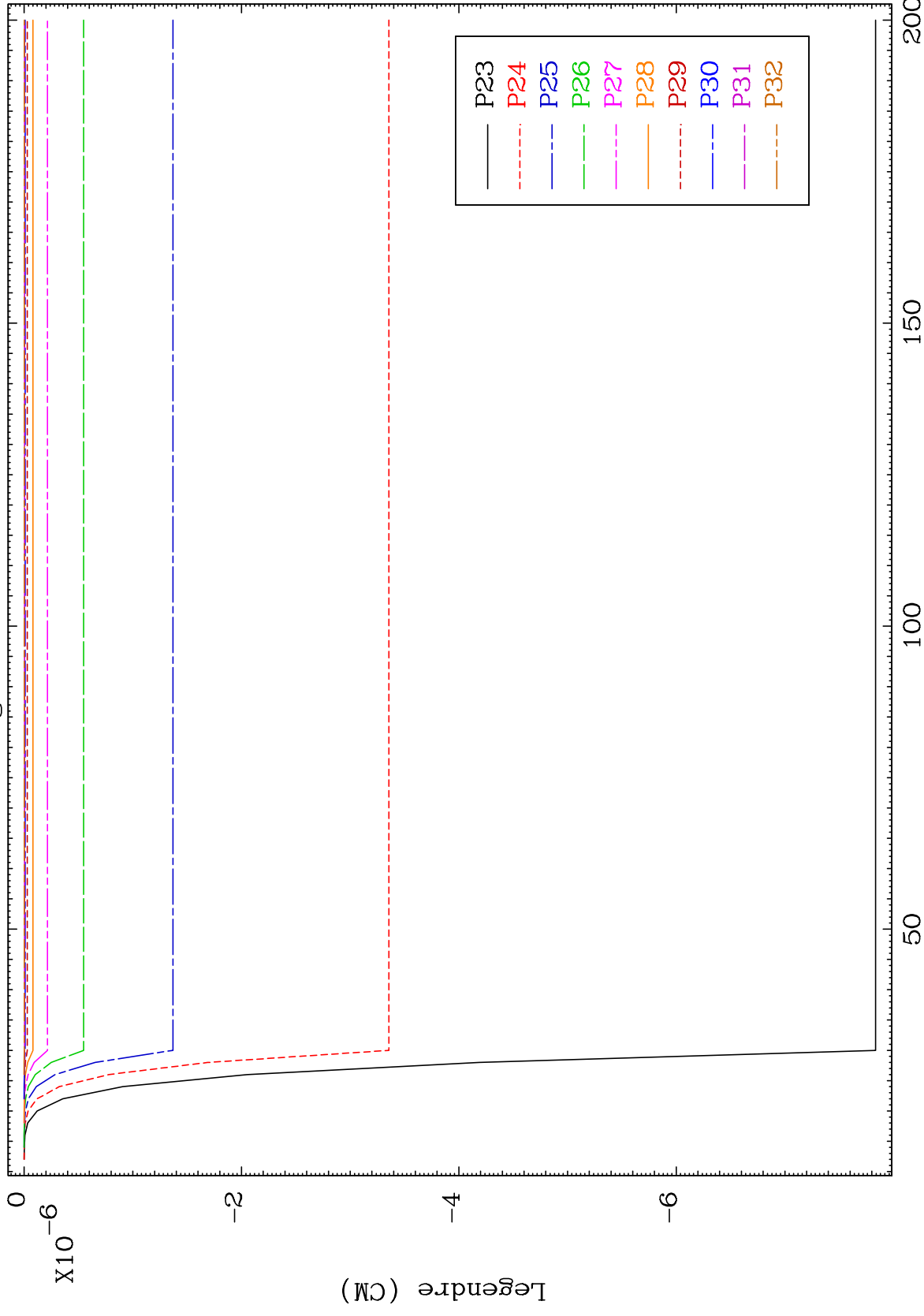
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

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

34-Se-75



66

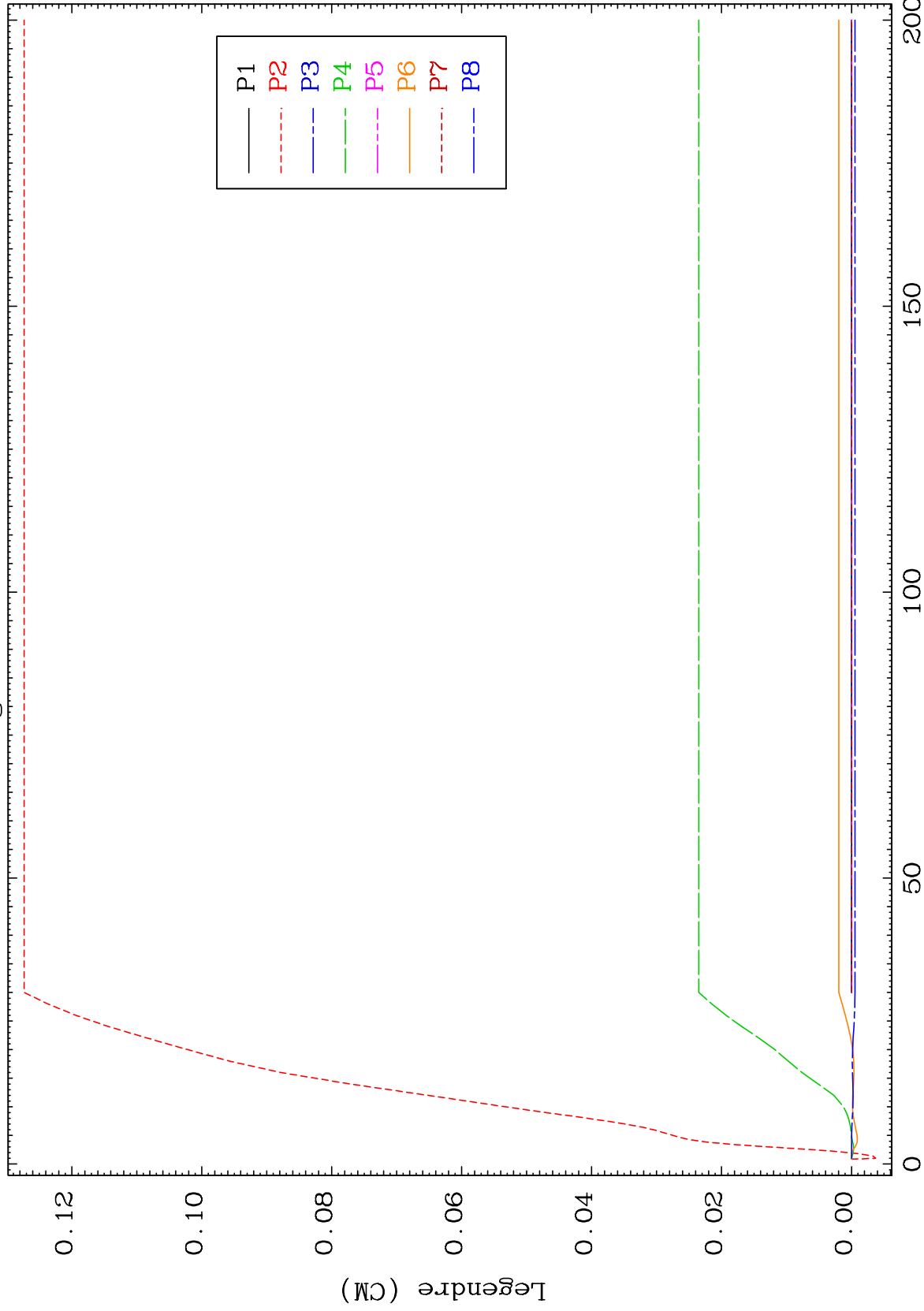
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



67

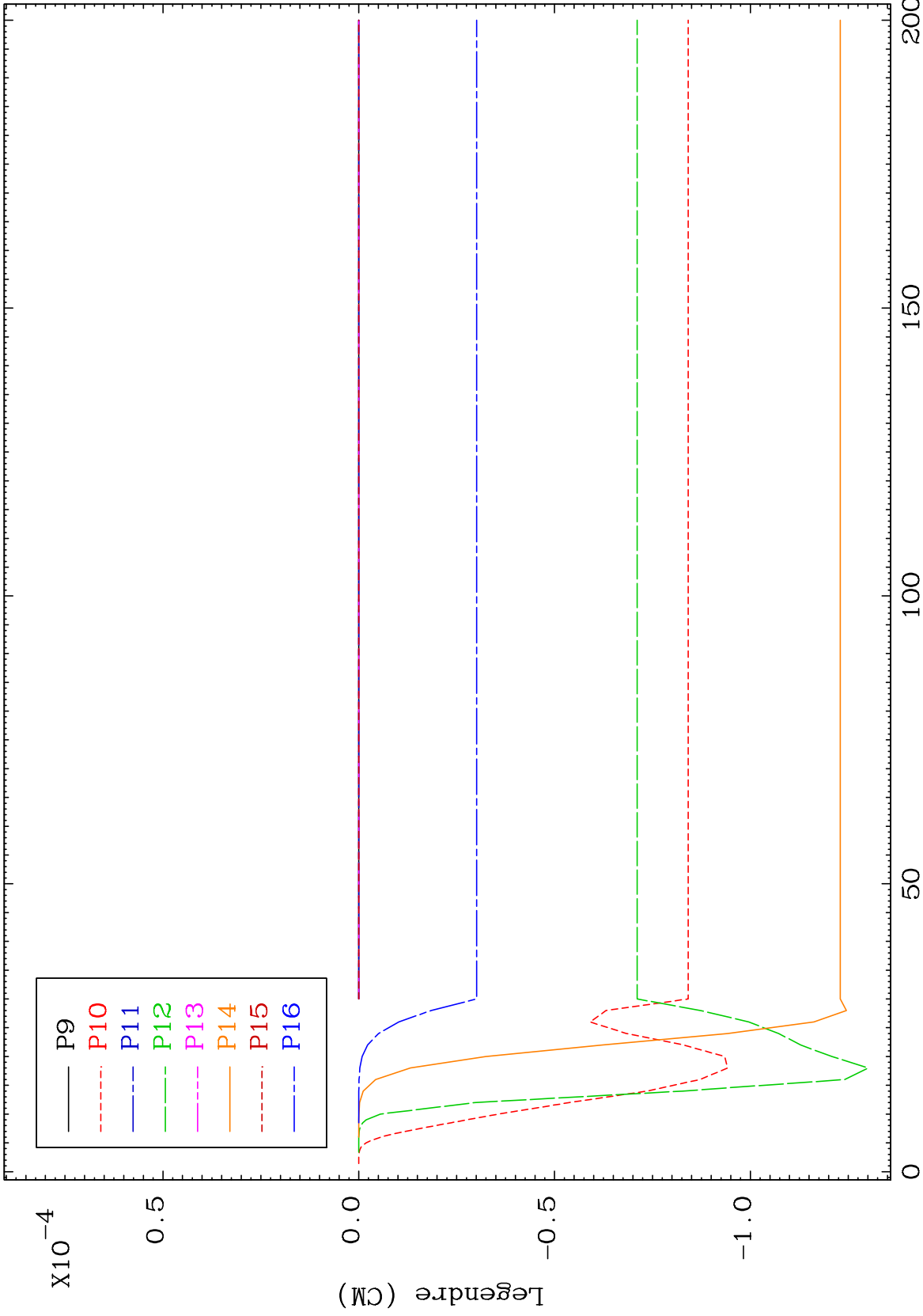
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



68

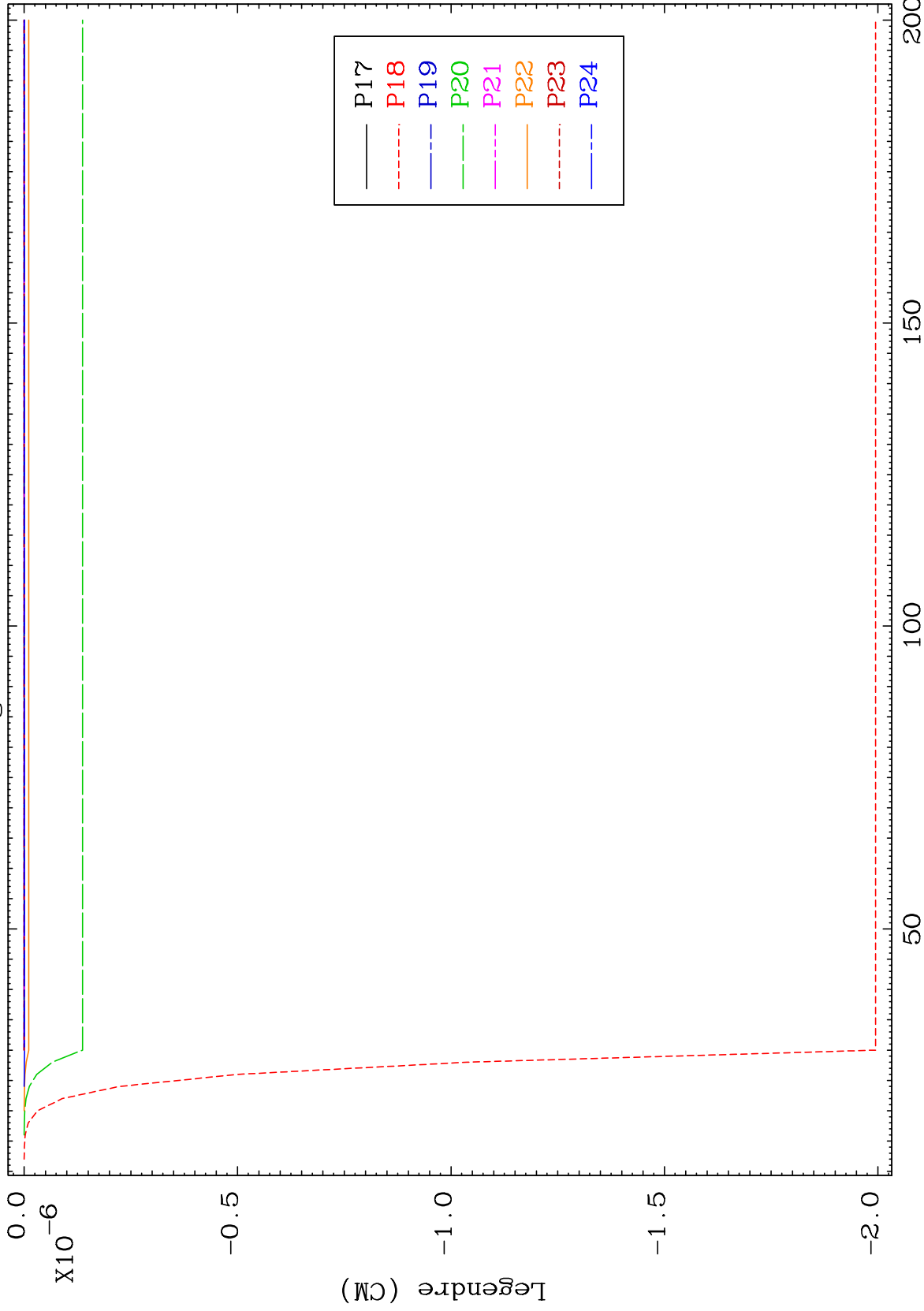
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75

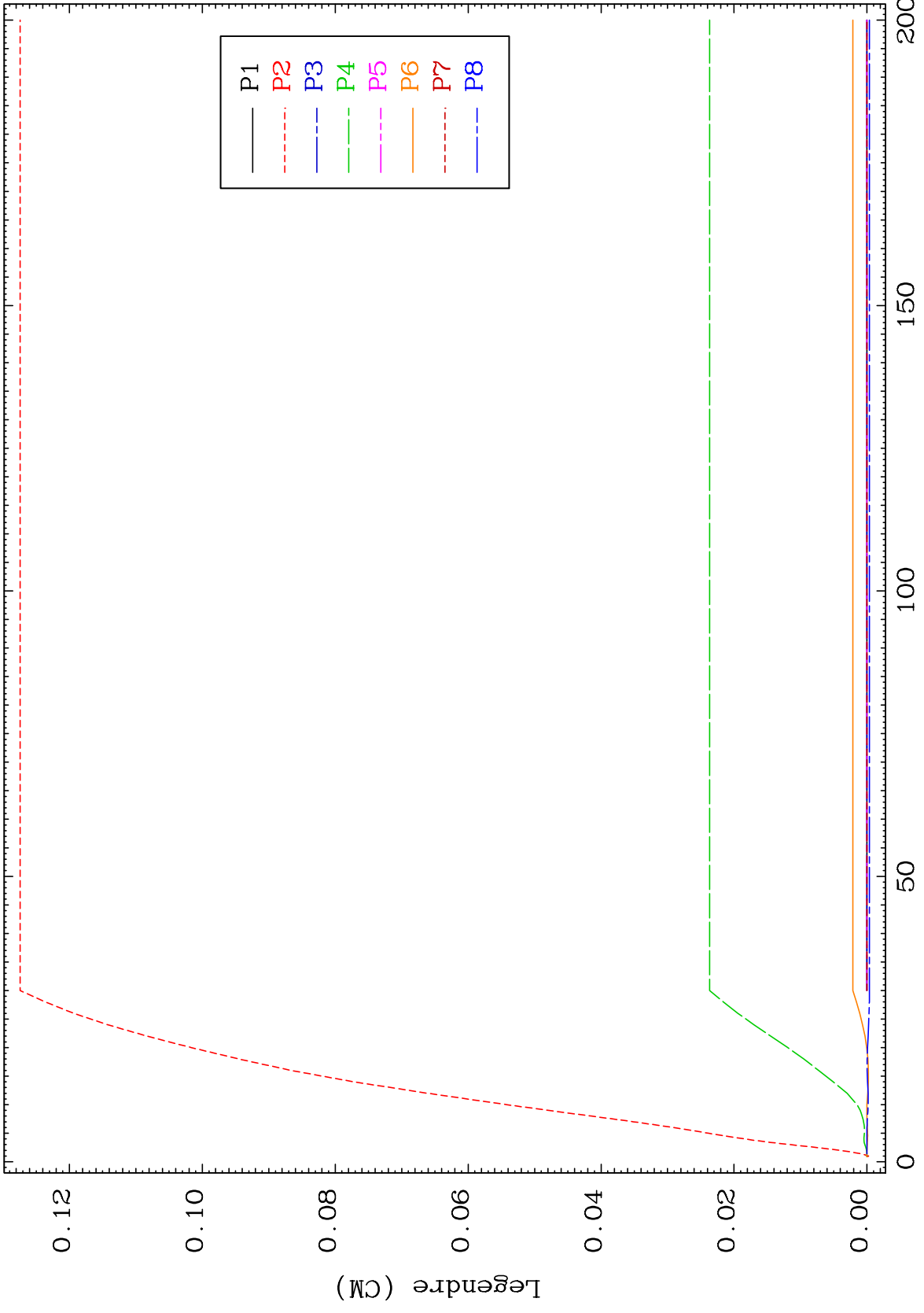


69

Incident Energy (MeV)

34-Se-75

MAT 3428 MT= 66 (n,n') Level Legendre Coefficients 34-Se-75

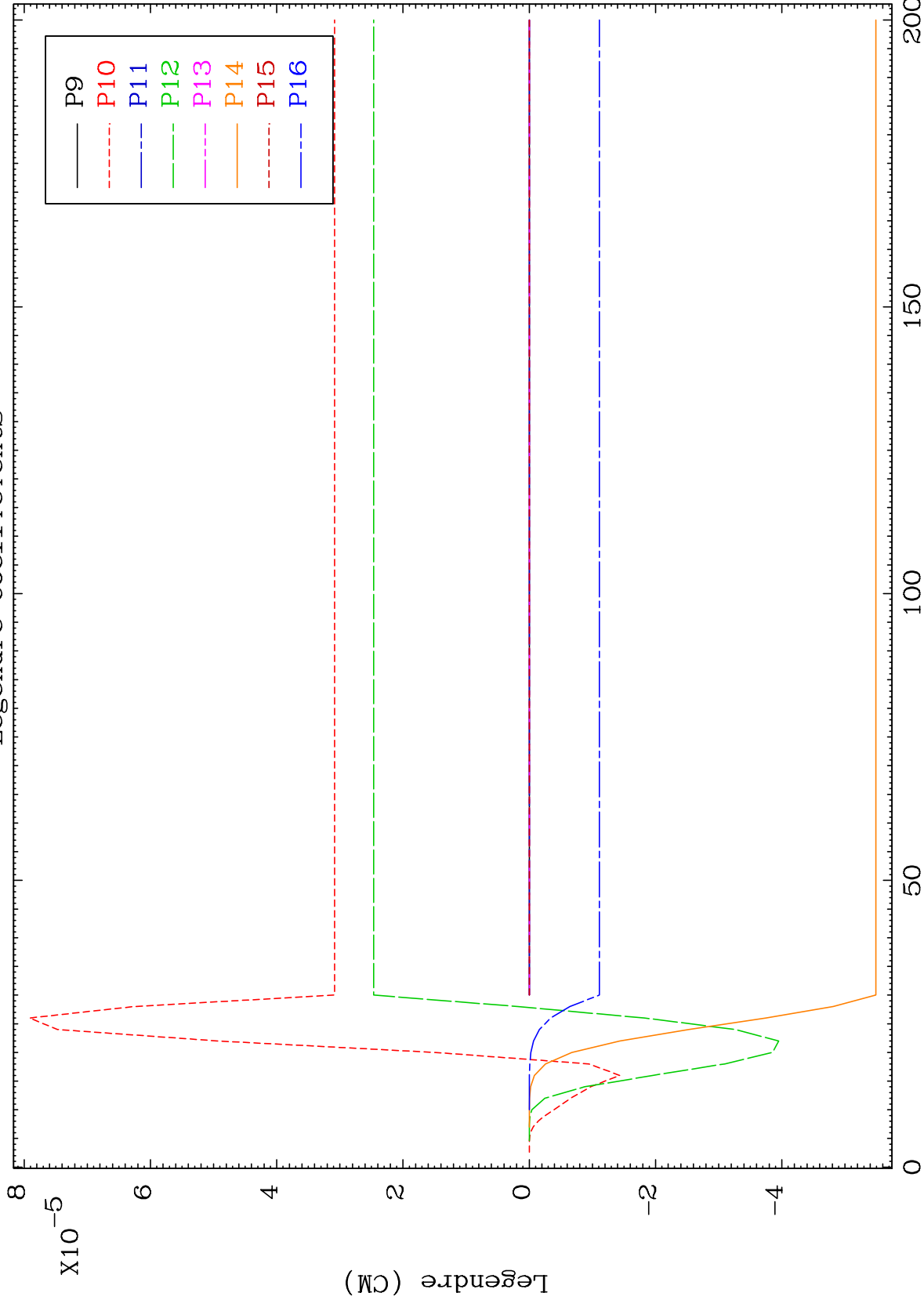


70 100 150 200 34-Se-75

MAT 3428

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

<sup>34</sup>Se-75



71

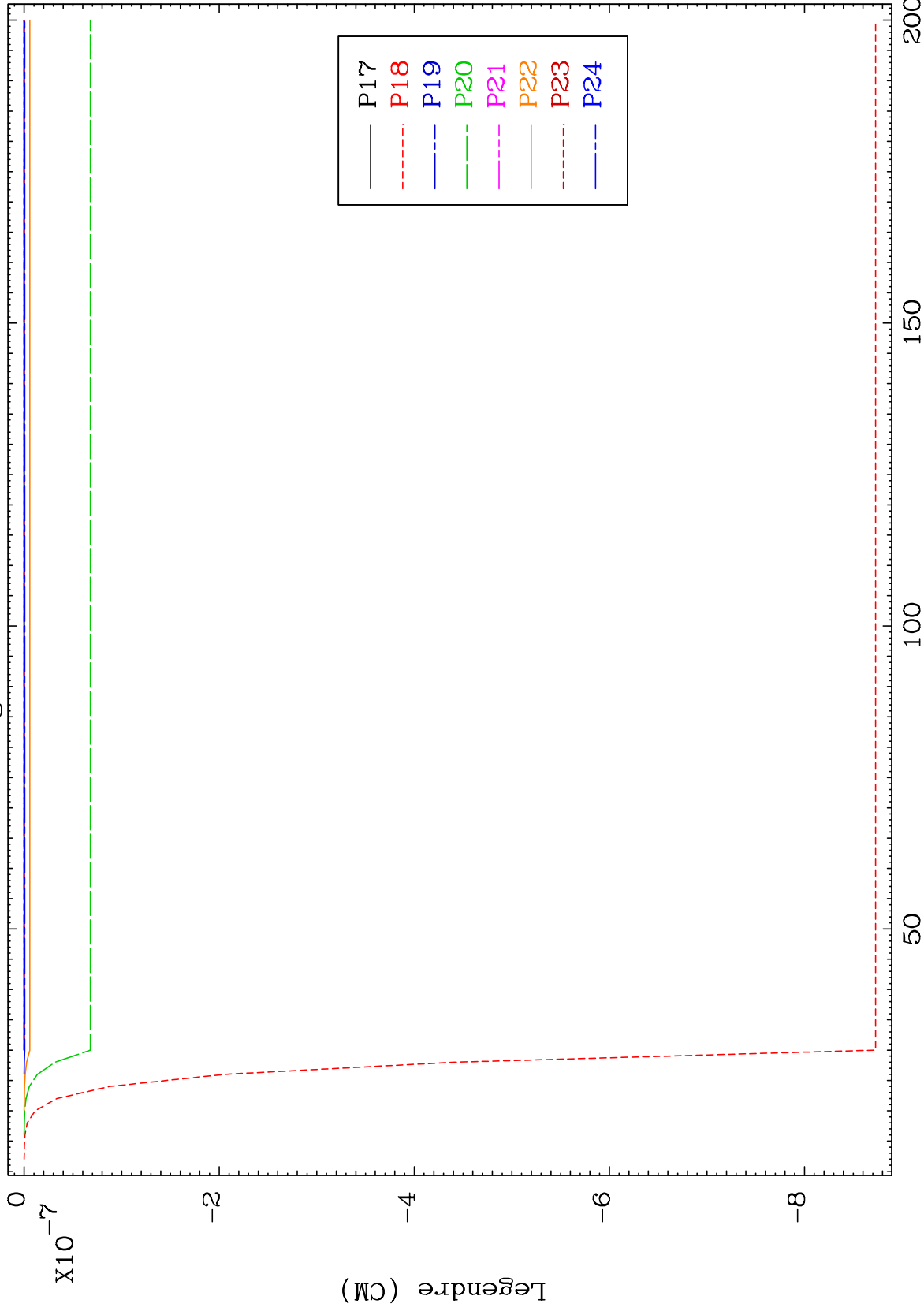
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

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

34-Se-75

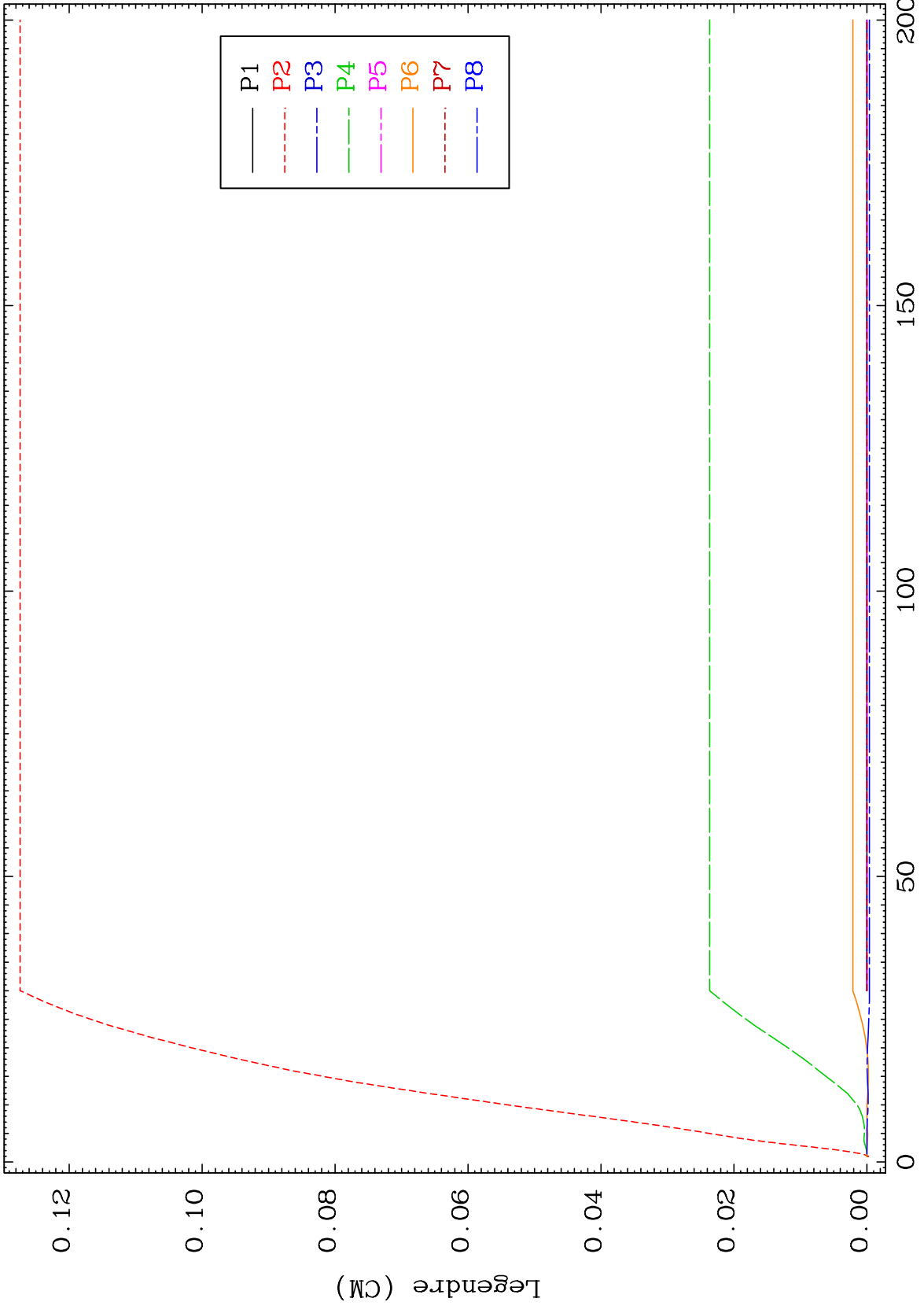


72

Incident Energy (MeV)

34-Se-75

MAT 3428 MT= 67 (n,n') Level Legendre Coefficients 34-Se-75

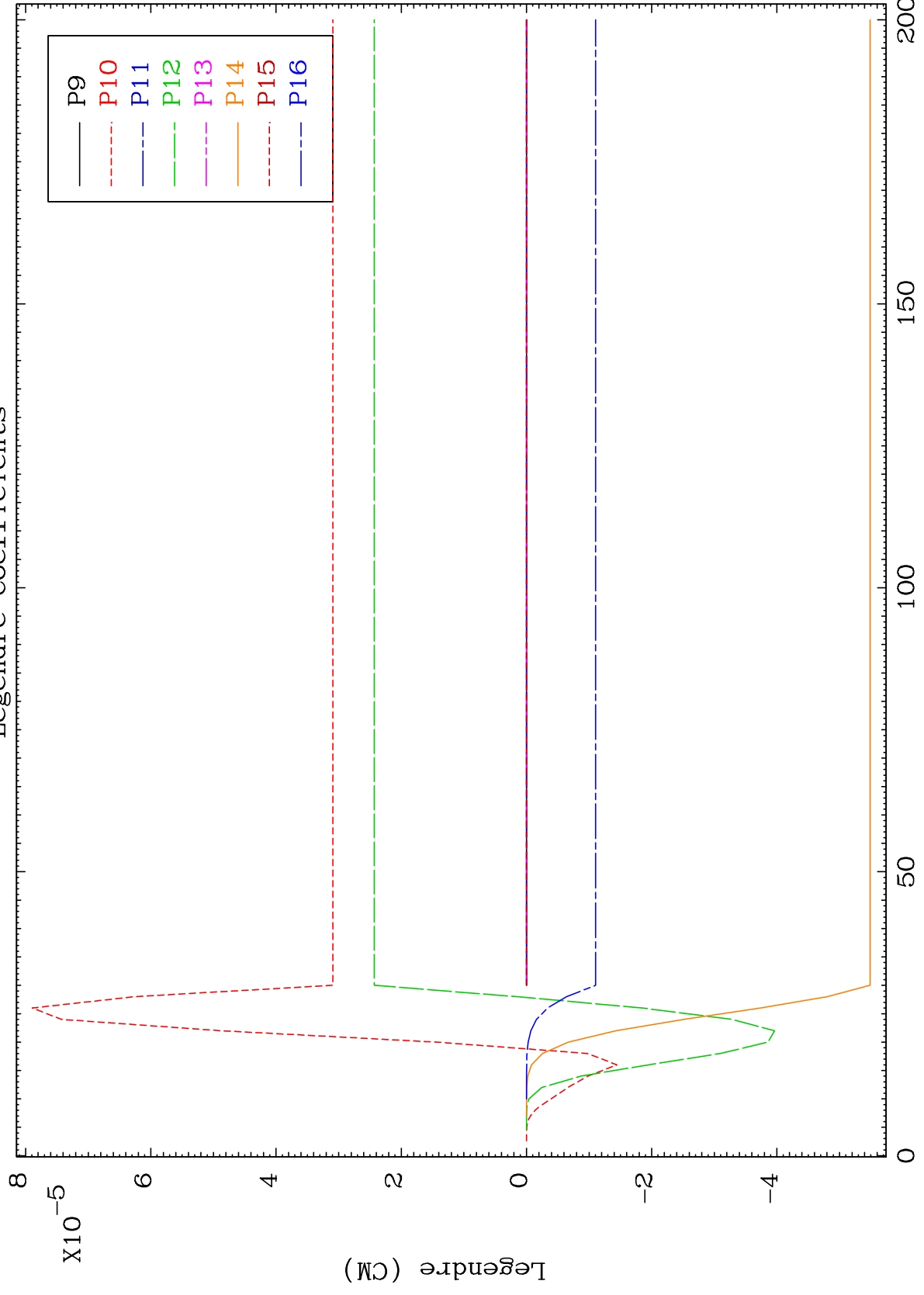


73 34-Se-75

MAT 3428

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

<sup>34</sup>Se-75



74

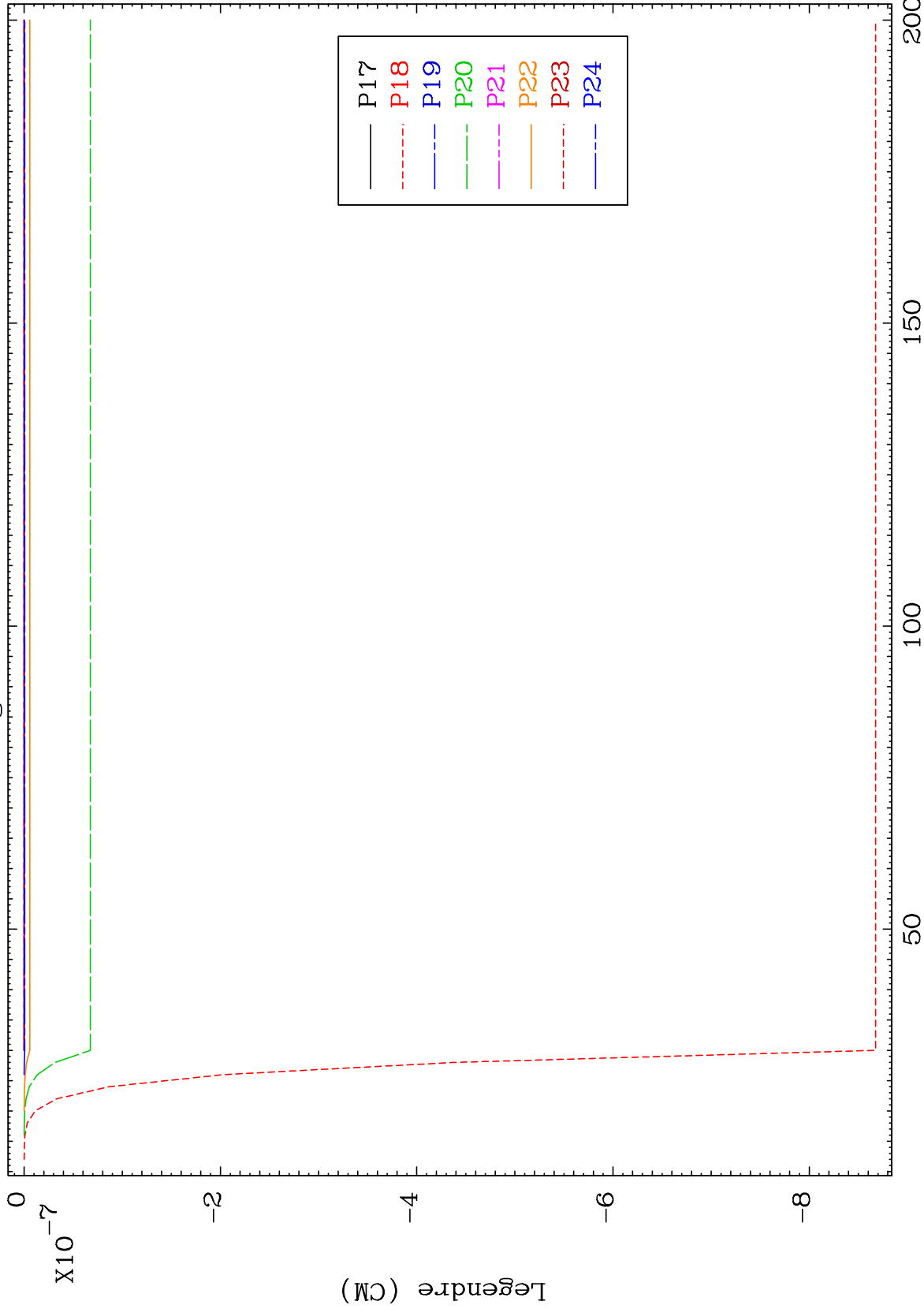
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

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

34-Se-75



34-Se-75

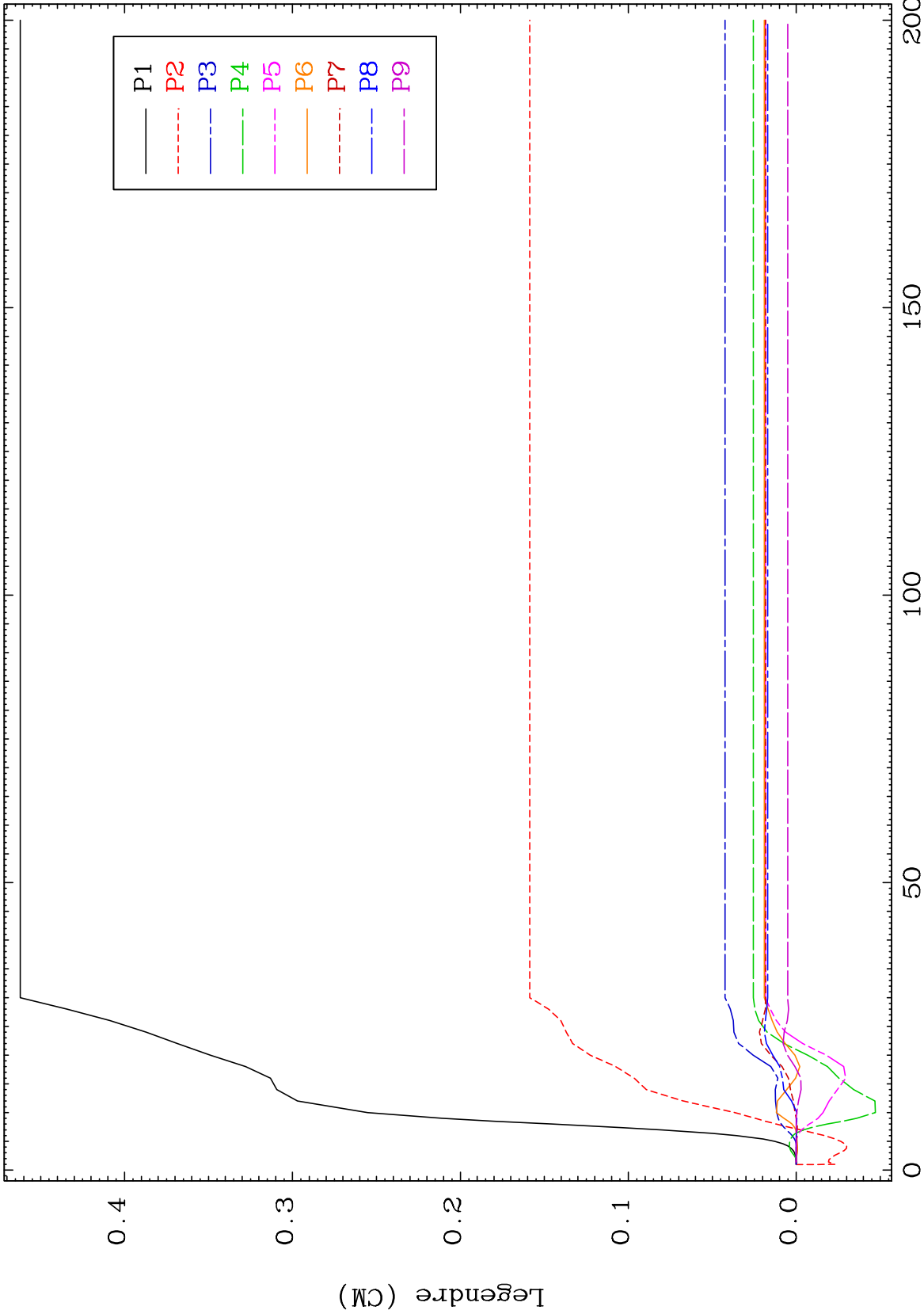
Incident Energy (MeV)

75

MAT 3428

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

34-Se-75



76

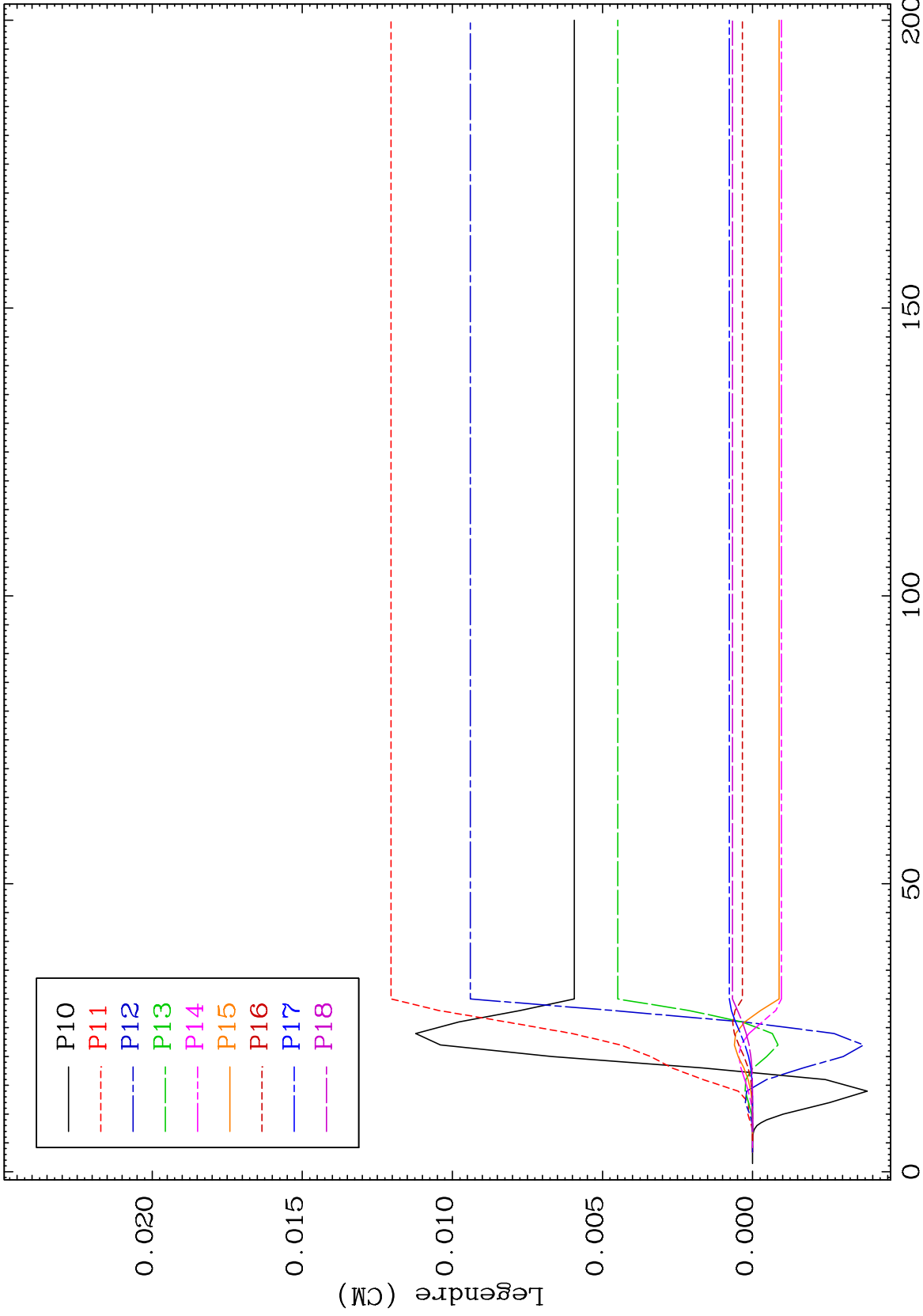
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



77

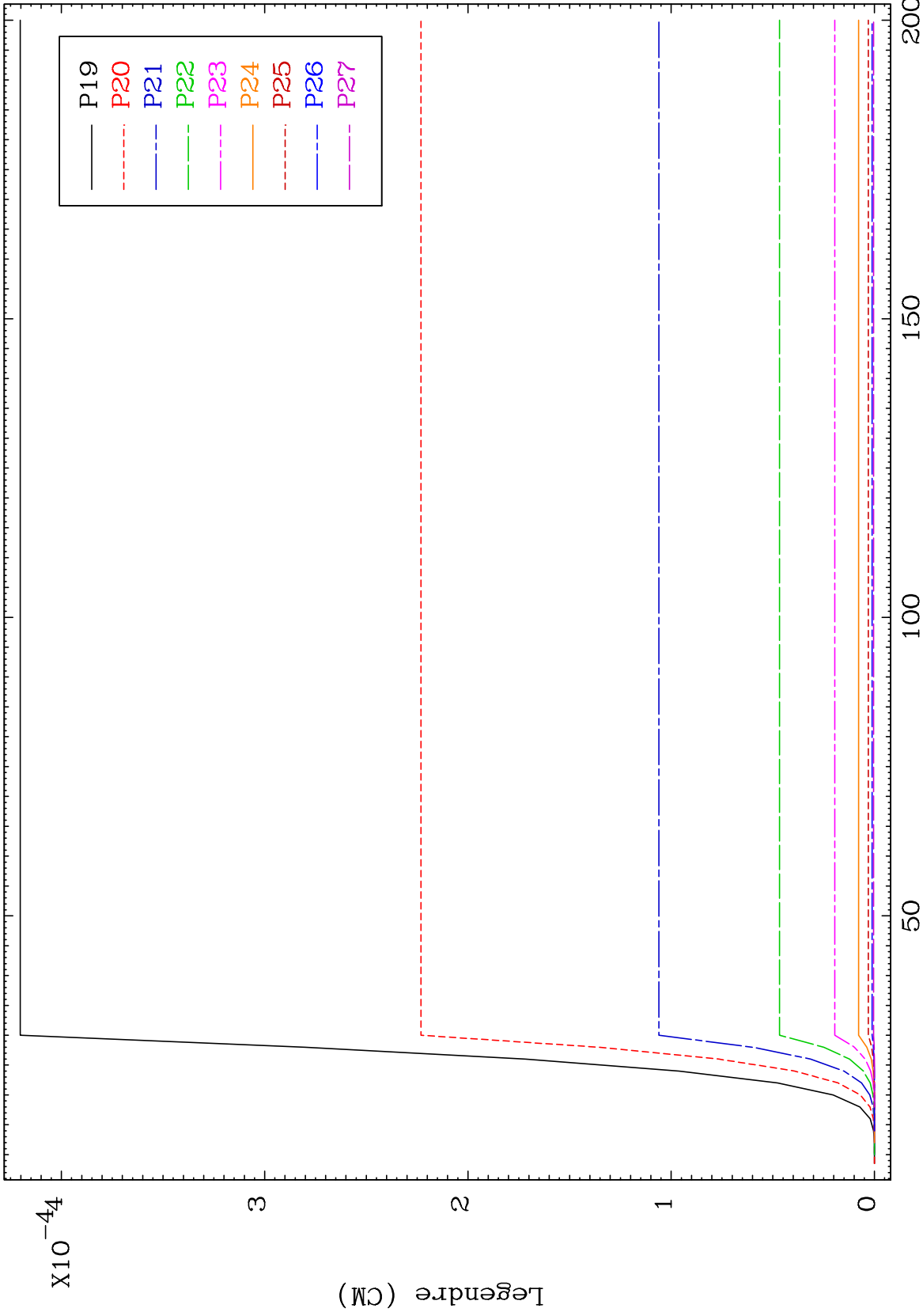
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



78

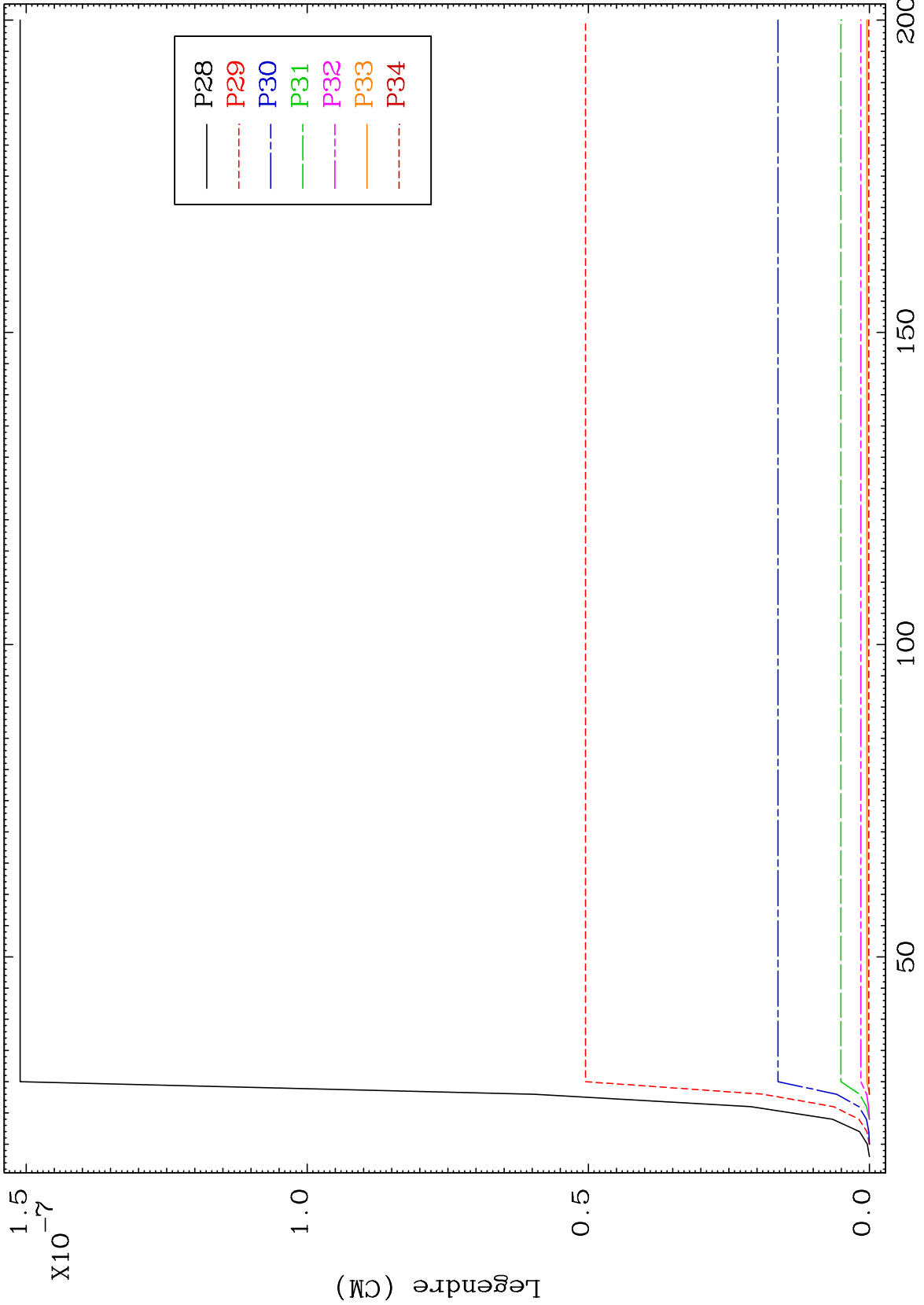
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



79

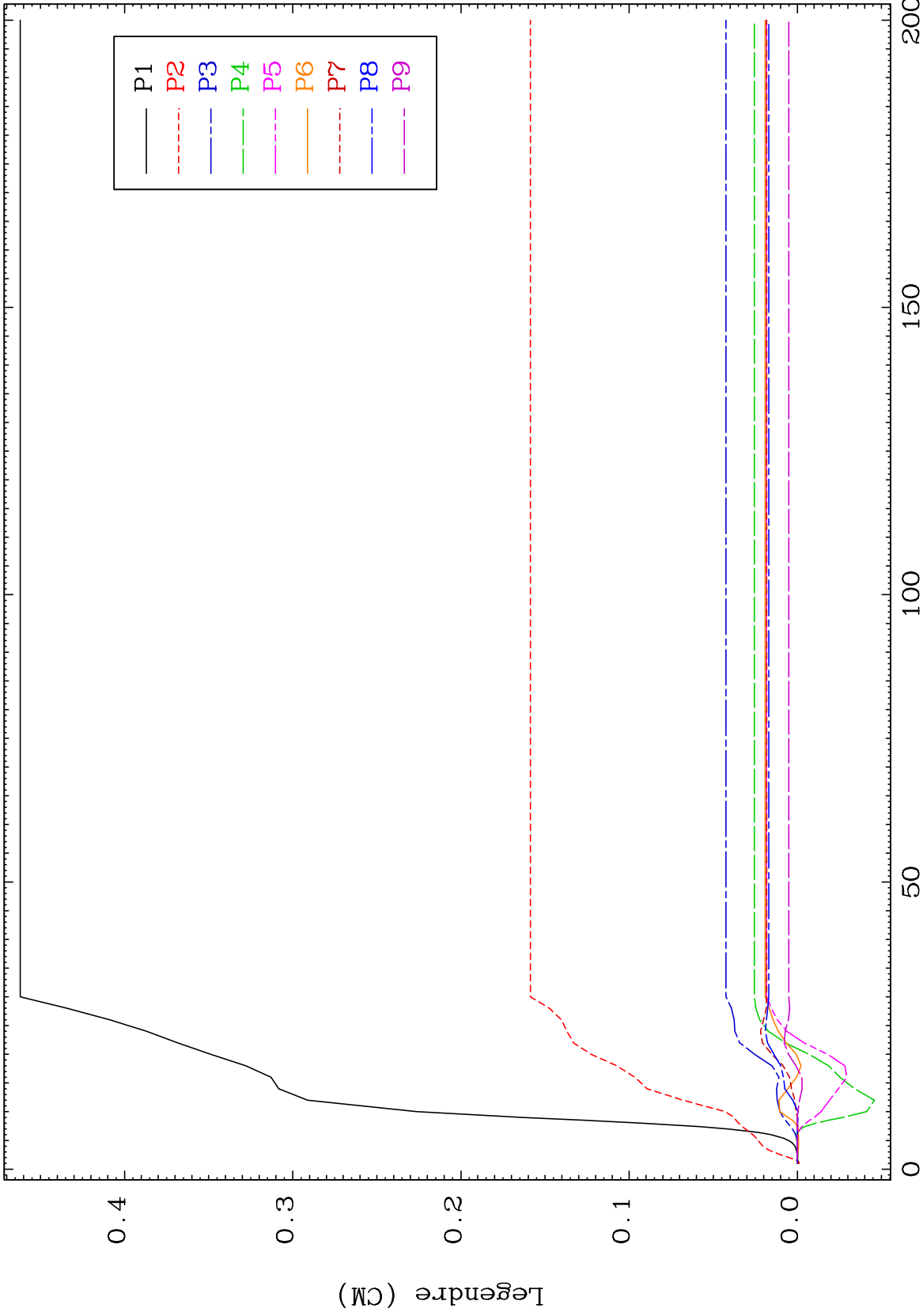
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



80

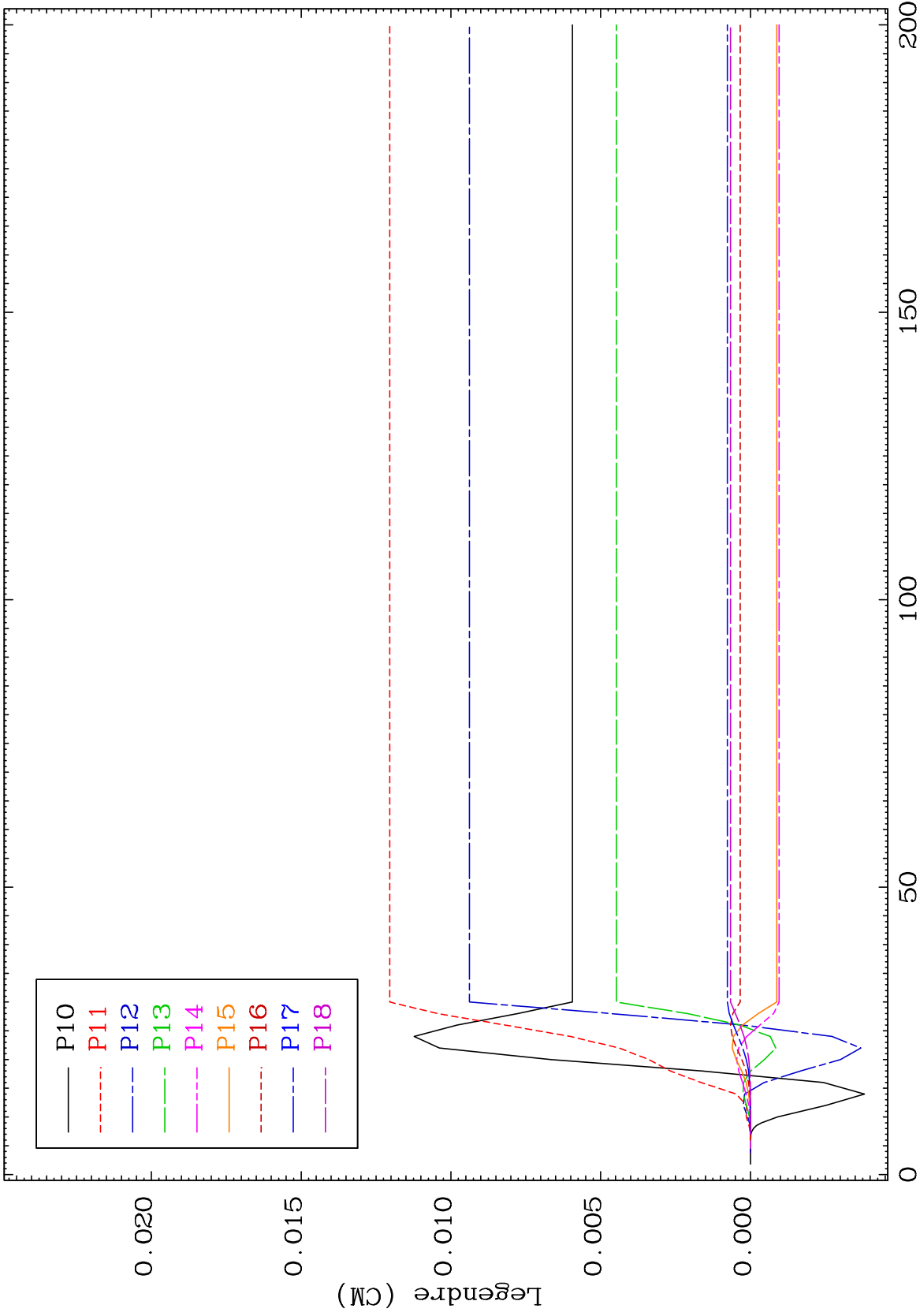
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



81

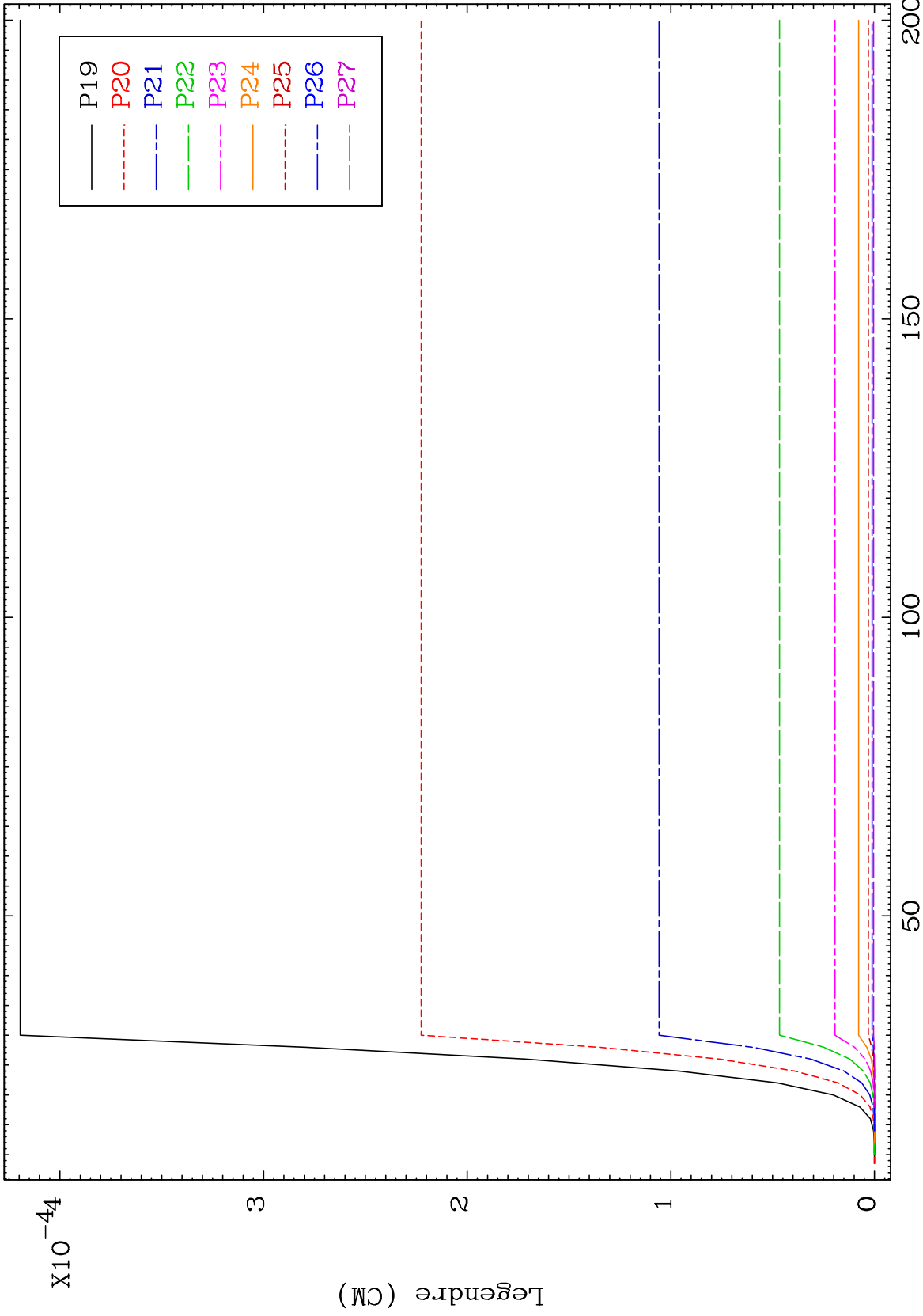
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



82

Incident Energy (MeV)

34-Se-75

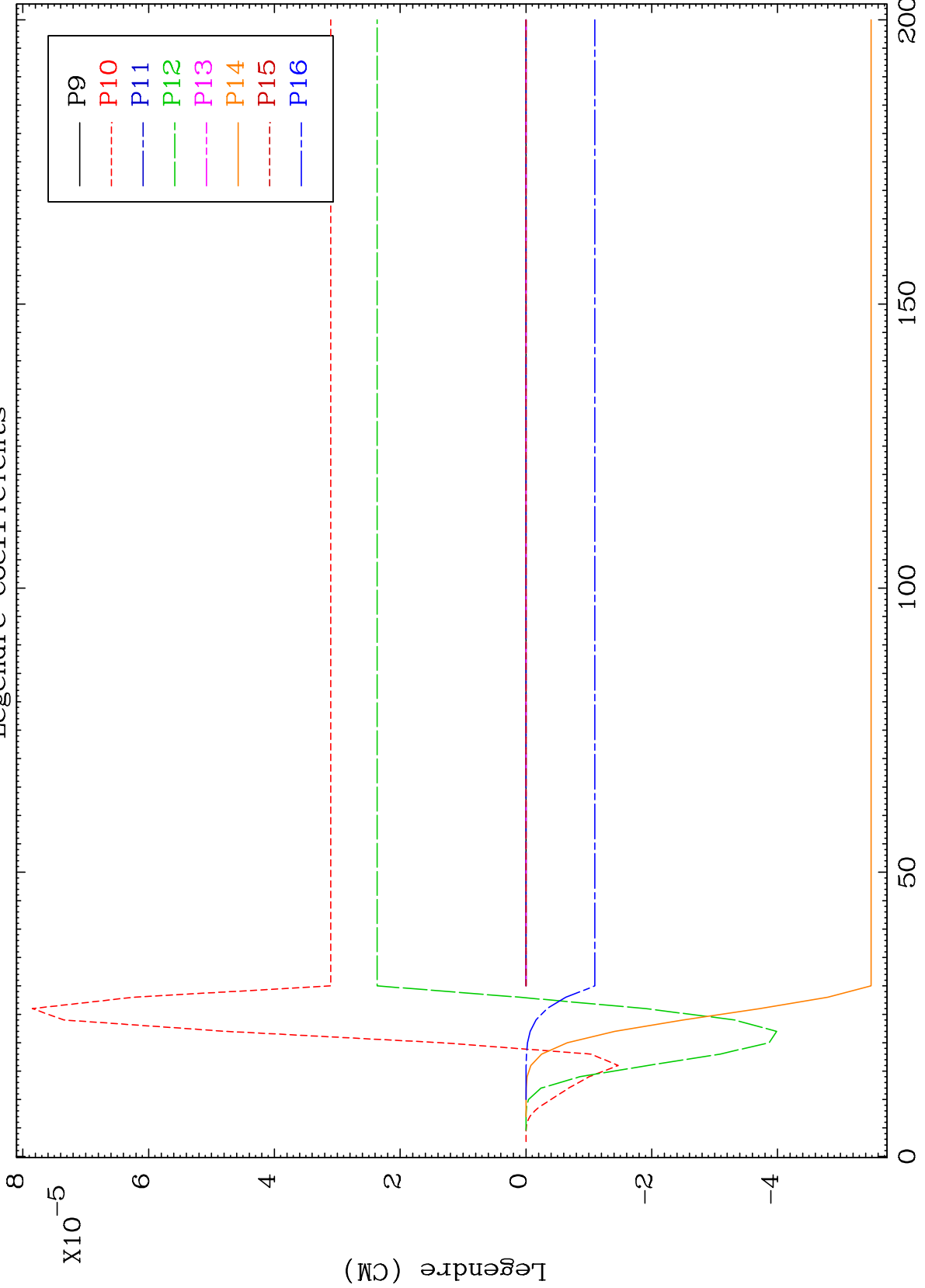




MAT 3428

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

<sup>34</sup>Se-75



85

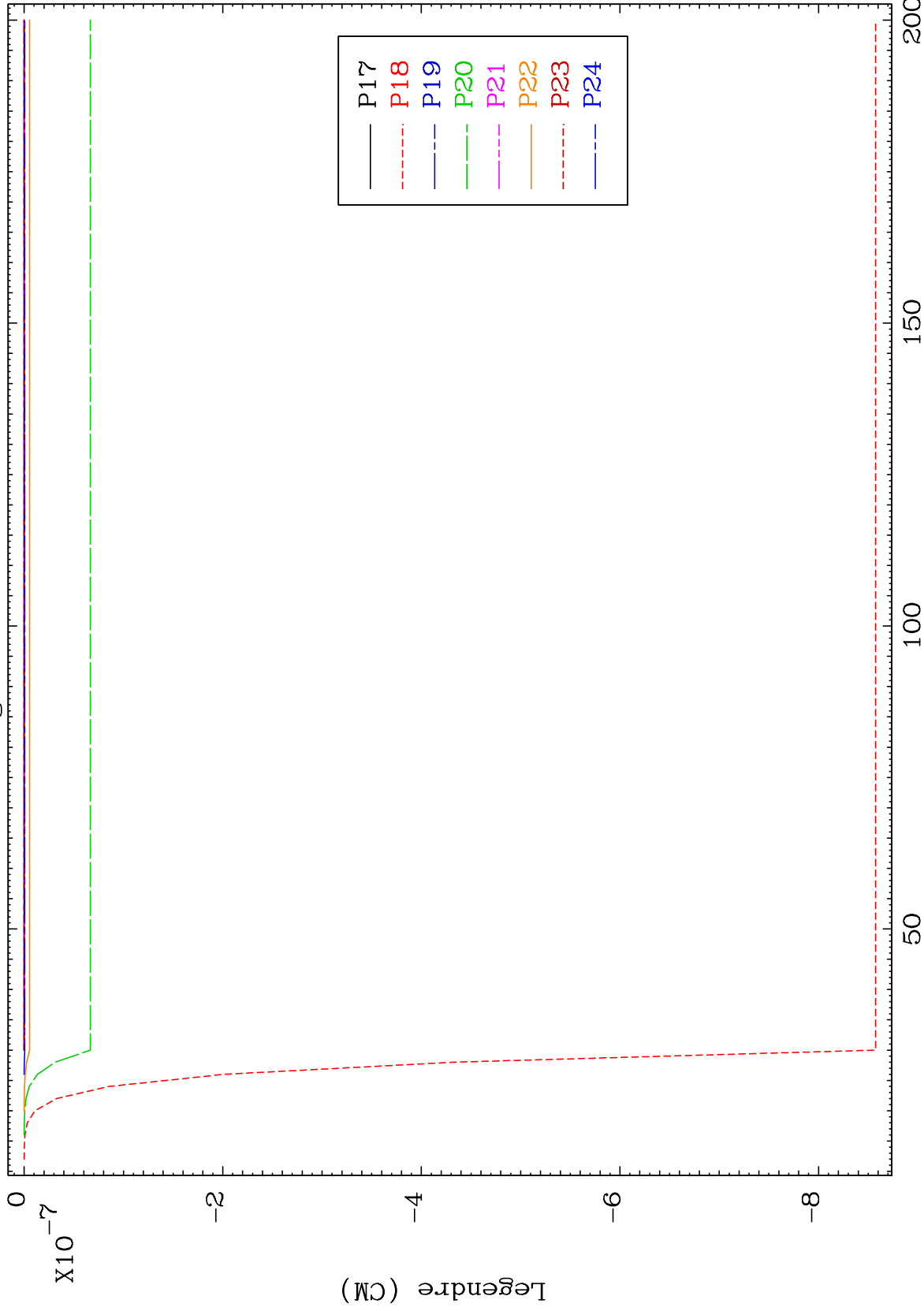
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

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

34-Se-75



86

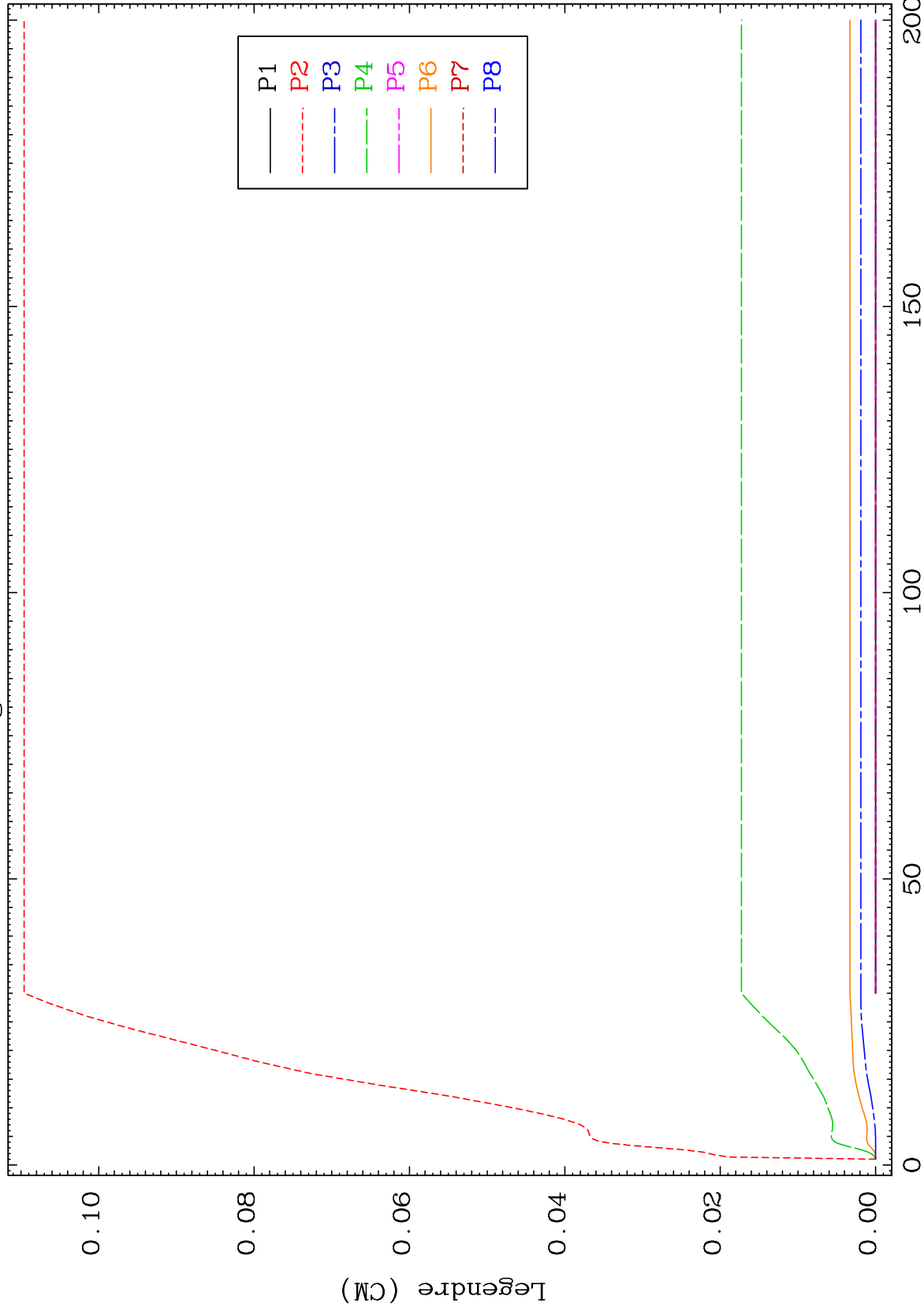
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



87

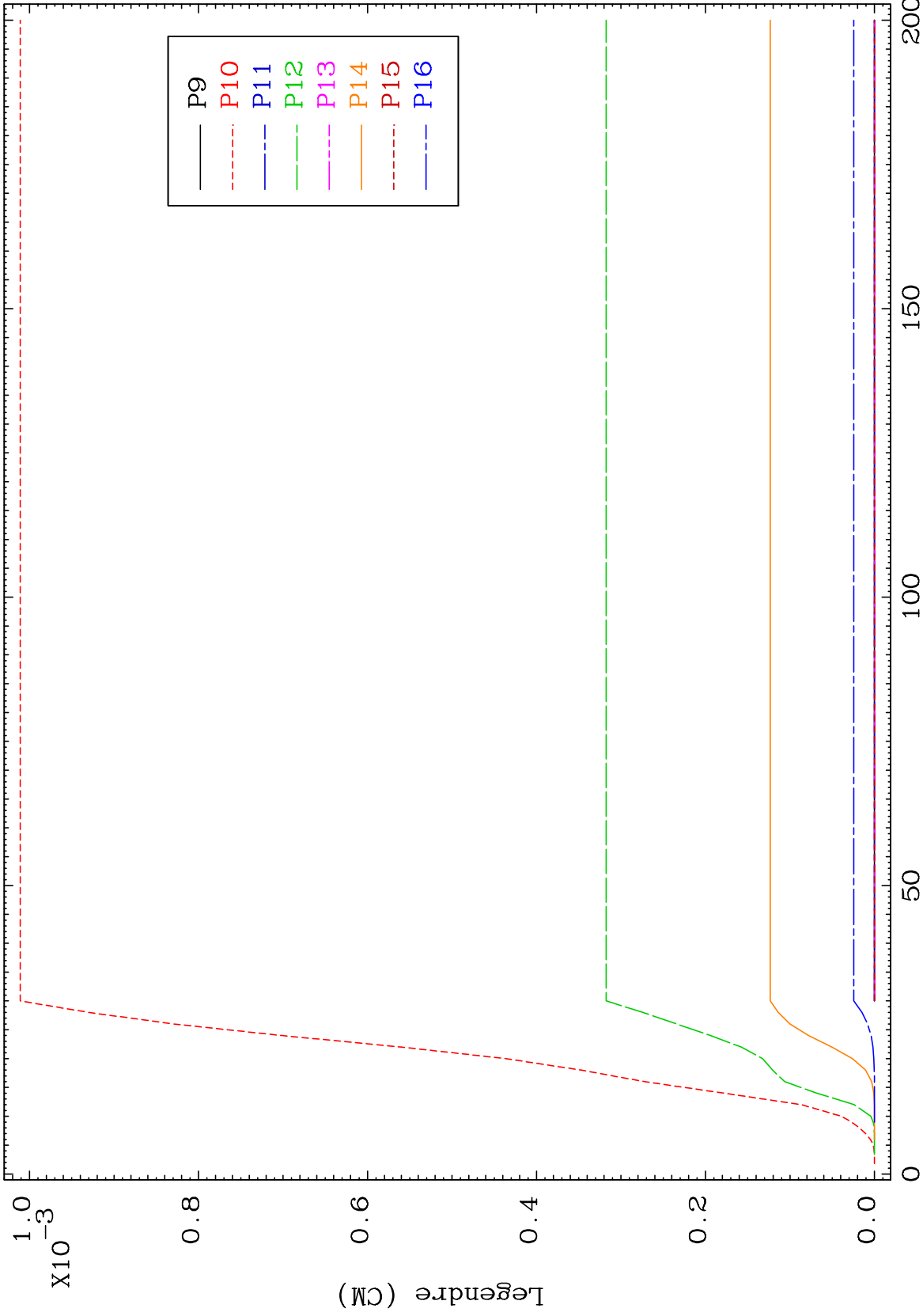
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75

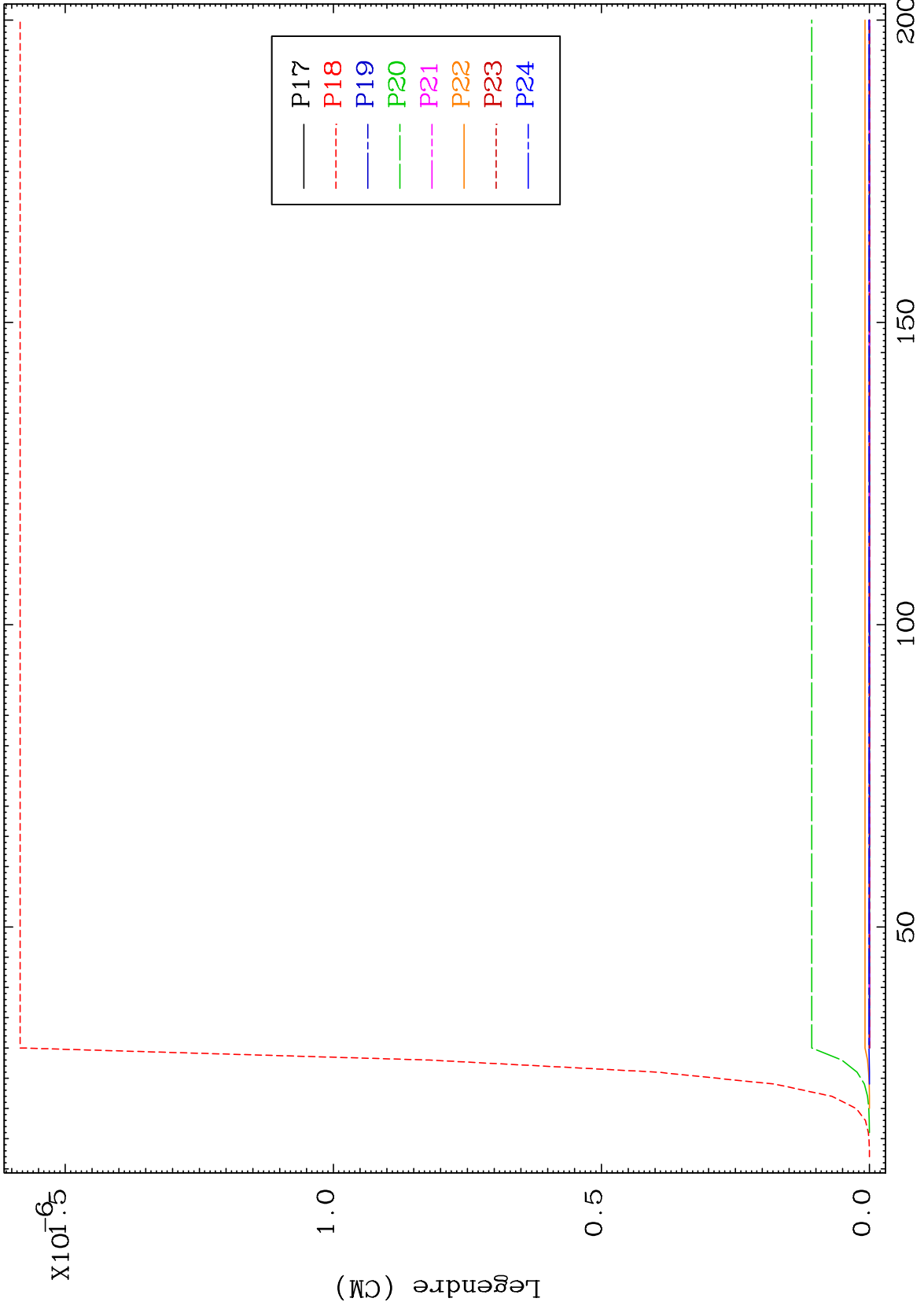


88

Incident Energy (MeV)

34-Se-75

MAT 3428 MT= 71 (n,n') Level Legendre Coefficients 34-Se-75

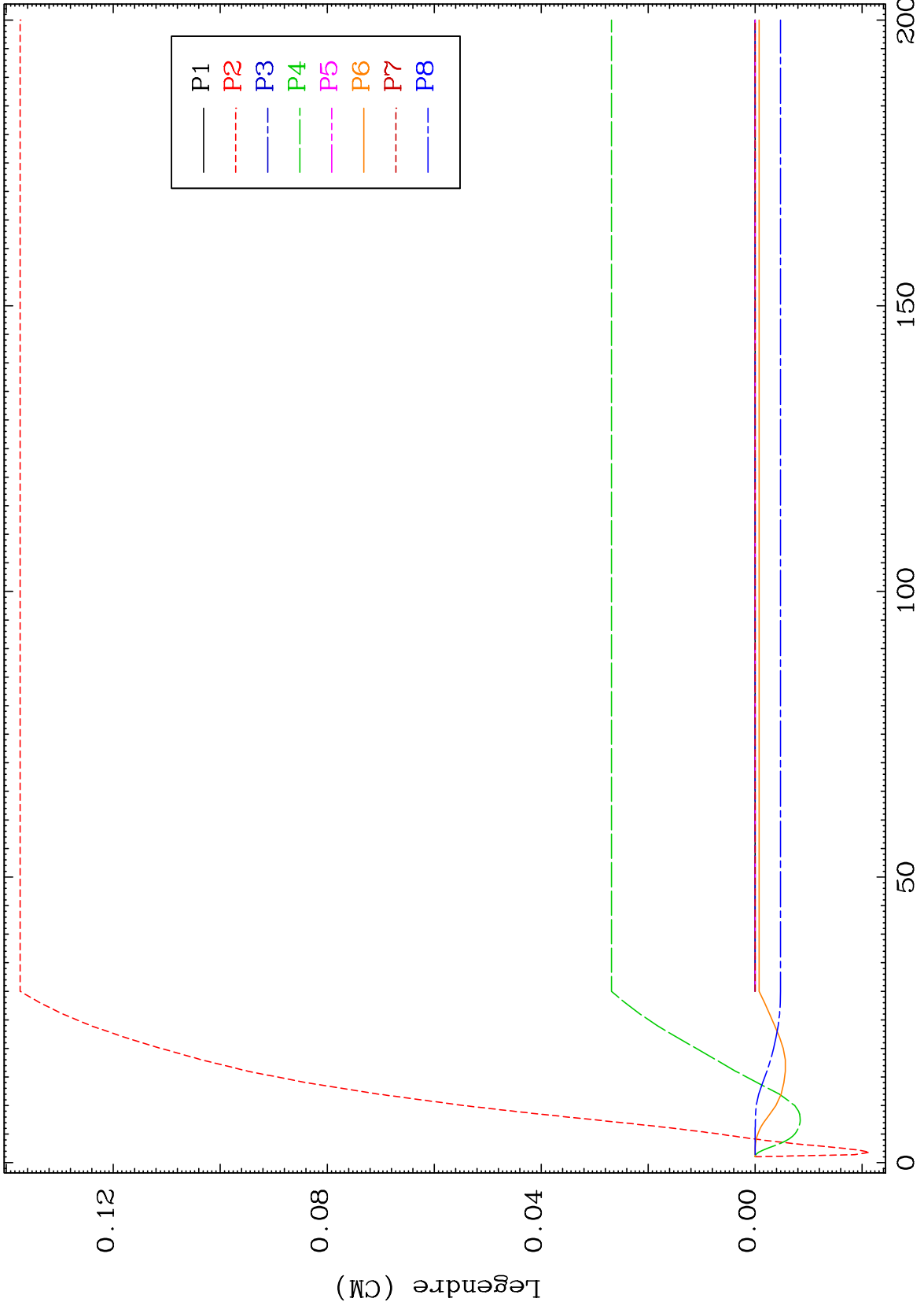


89 Incident Energy (MeV) 34-Se-75

MAT 3428

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

34-Se-75



34-Se-75

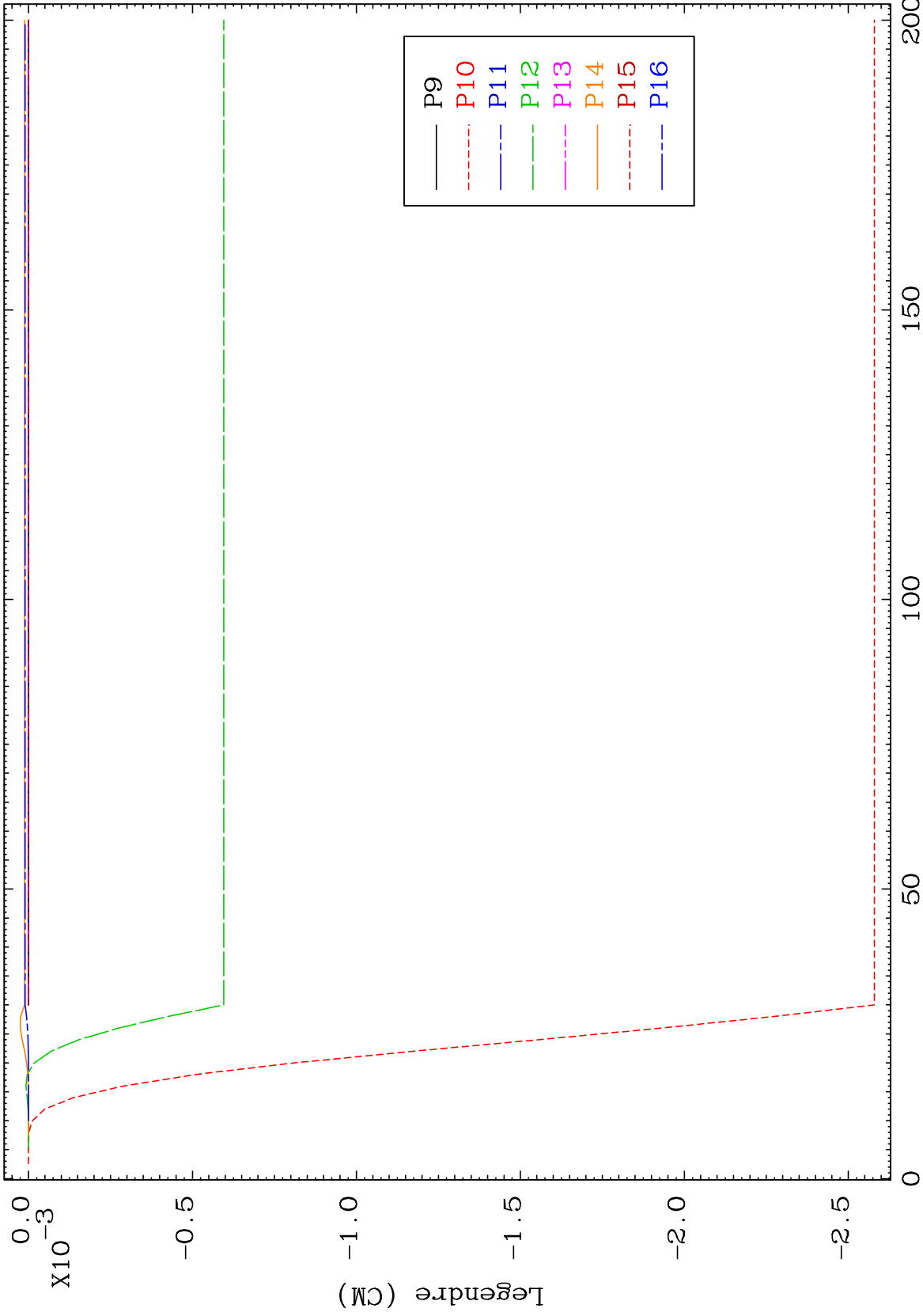
Incident Energy (MeV)

90

MAT 3428

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

34-Se-75

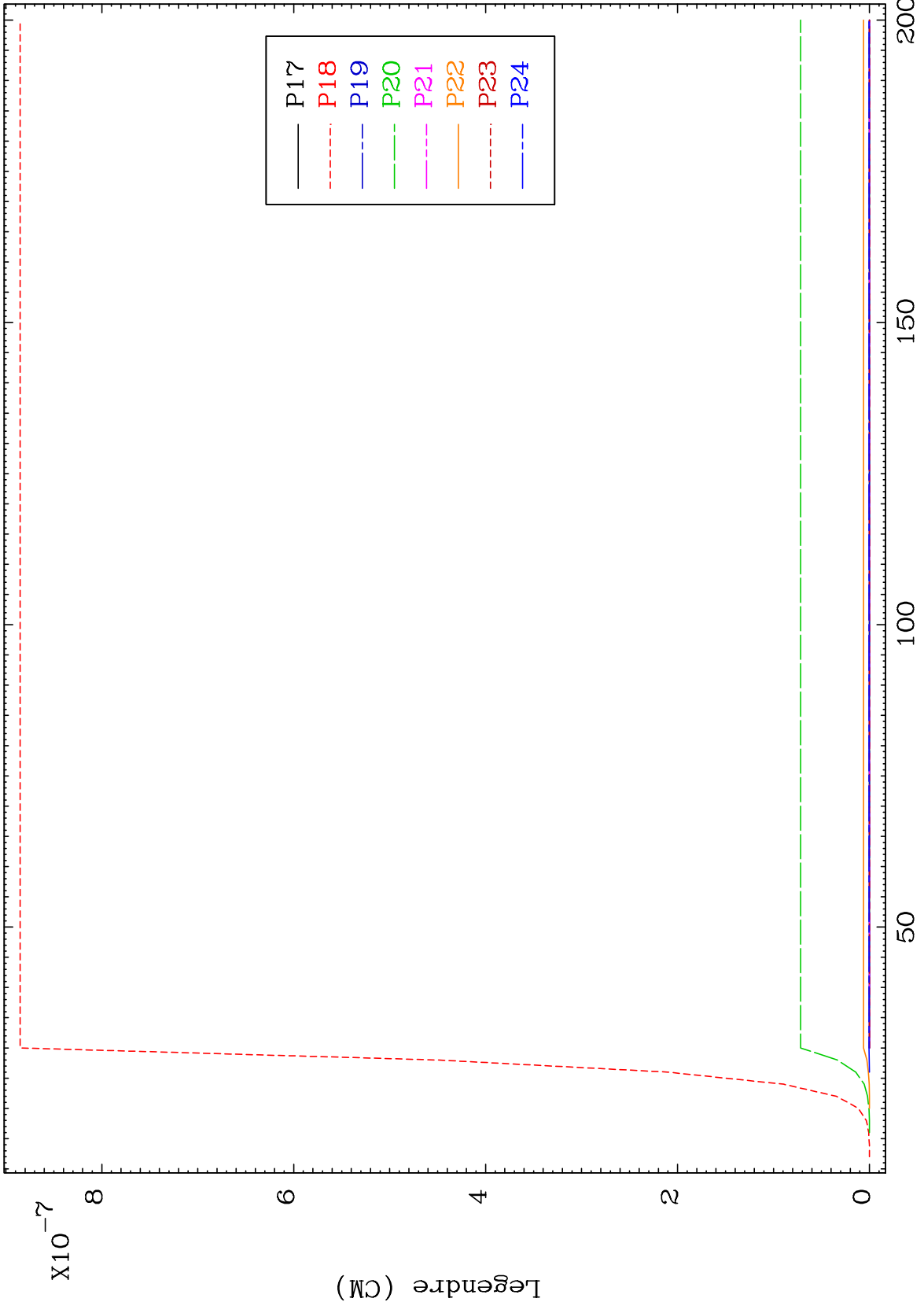


91

Incident Energy (MeV)

34-Se-75

MAT 3428 MT= 72 (n,n') Level Legendre Coefficients 34-Se-75

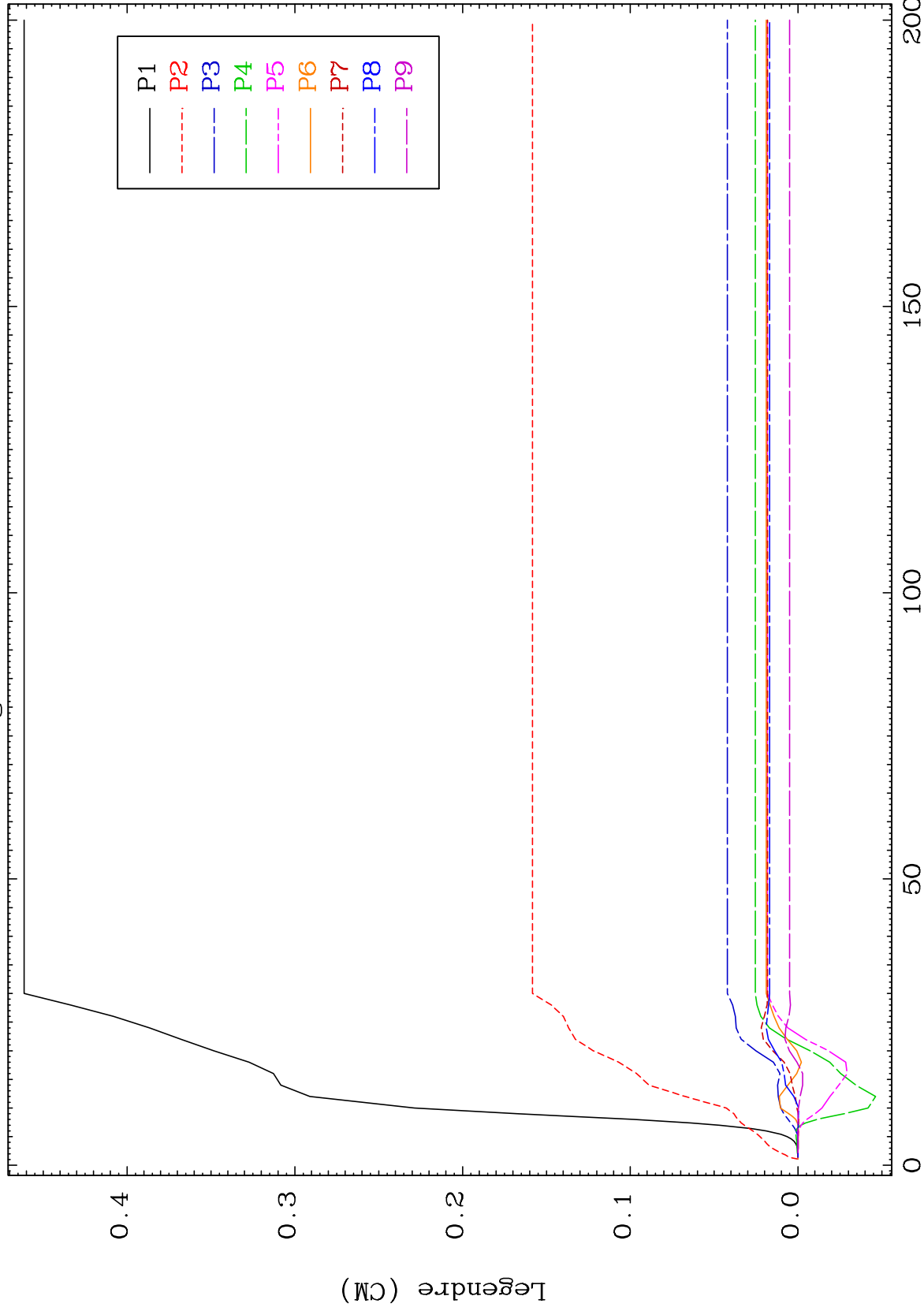


92 Incident Energy (MeV) 150 200 34-Se-75

MAT 3428

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

34-Se-75



93

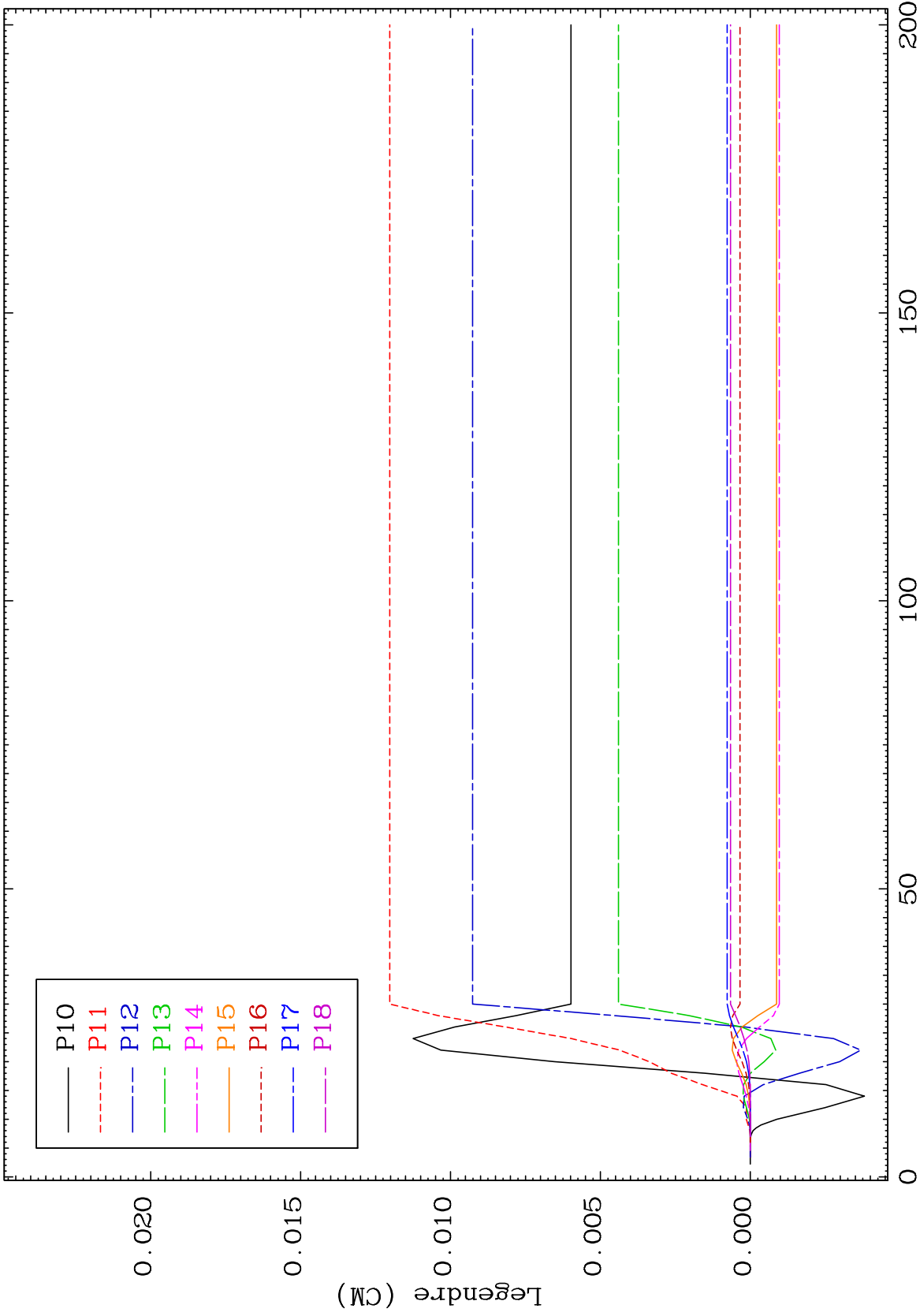
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



94

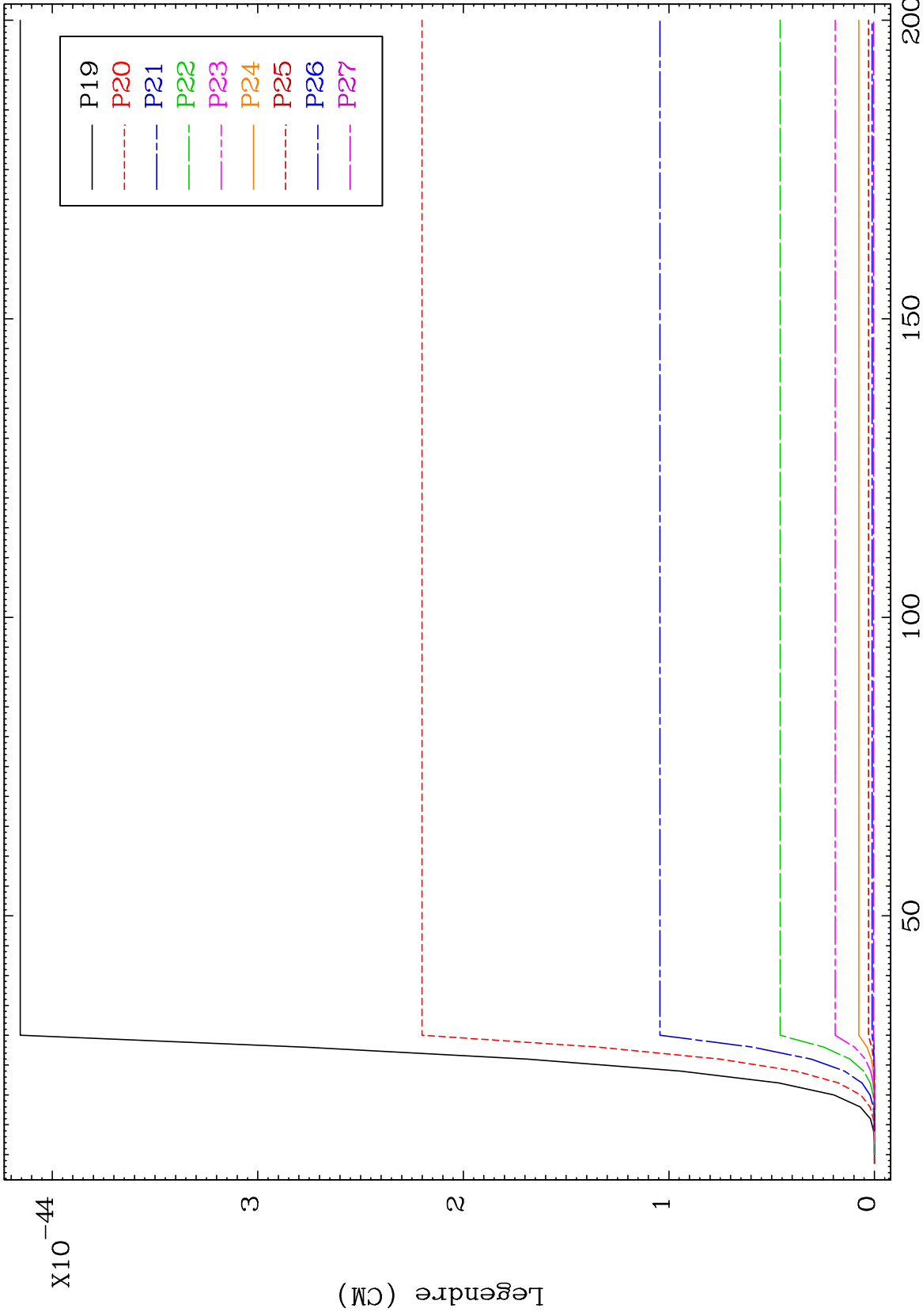
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



95

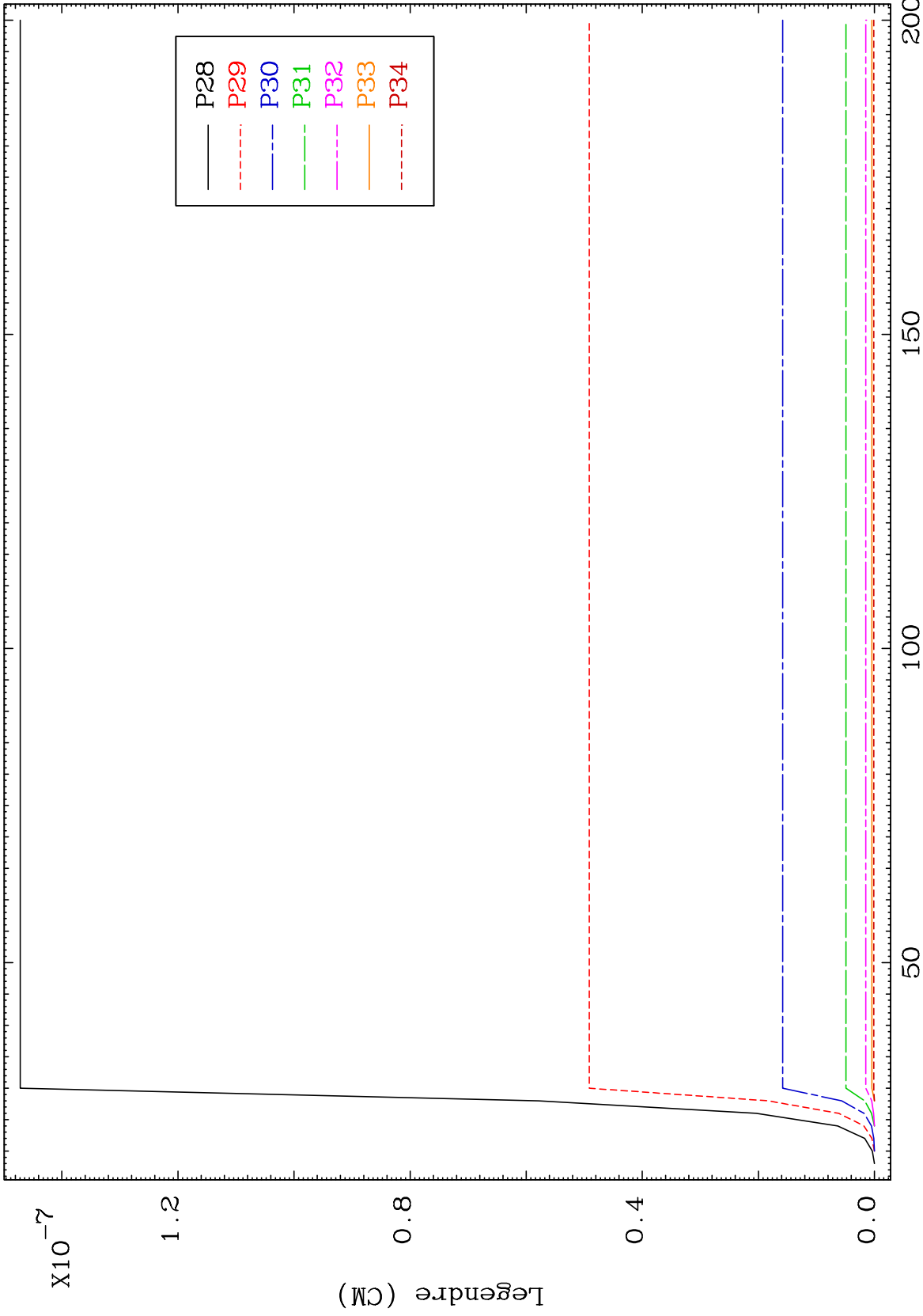
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



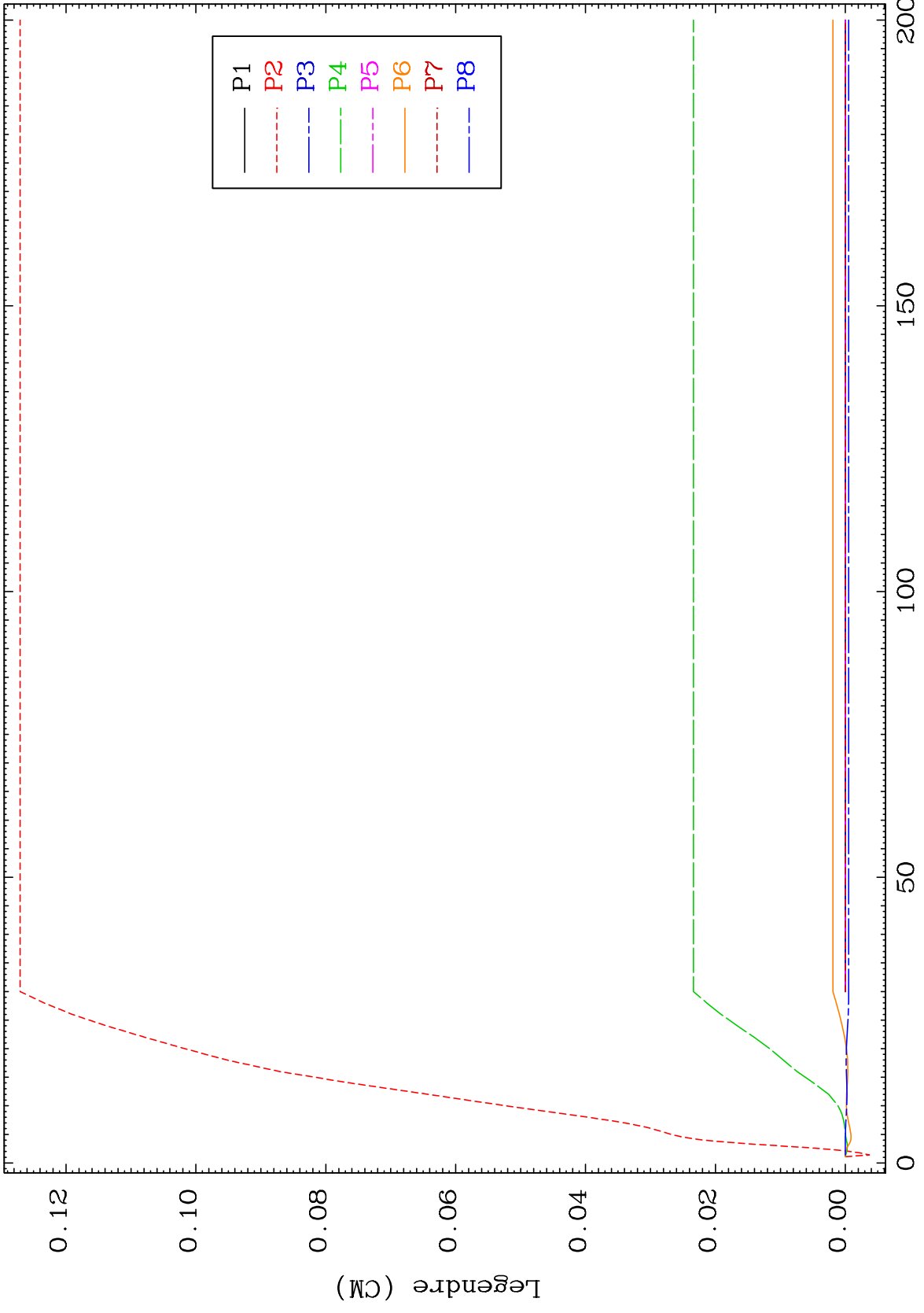
96

34-Se-75

MAT 3428

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

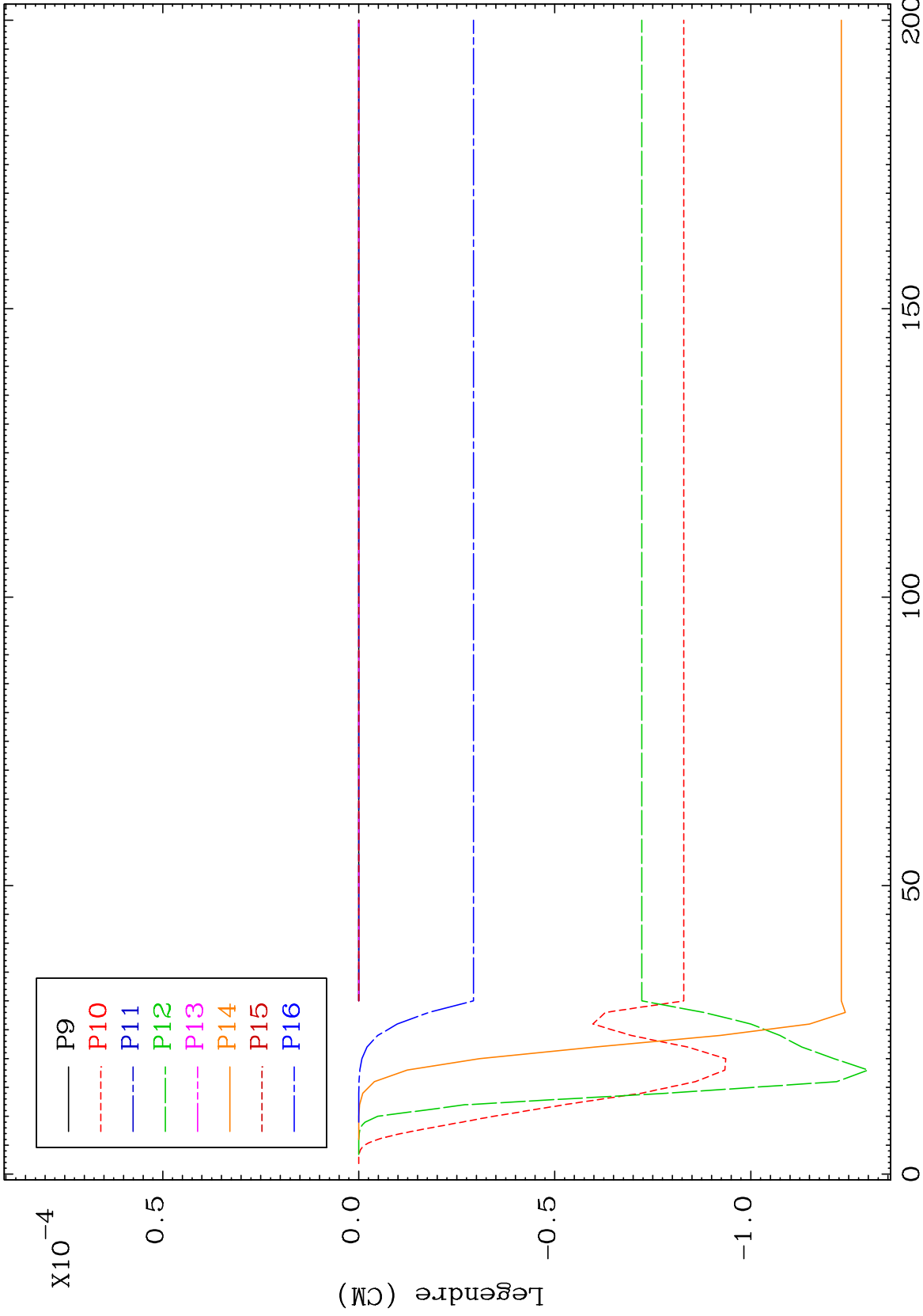
34-Se-75



97

Incident Energy (MeV)

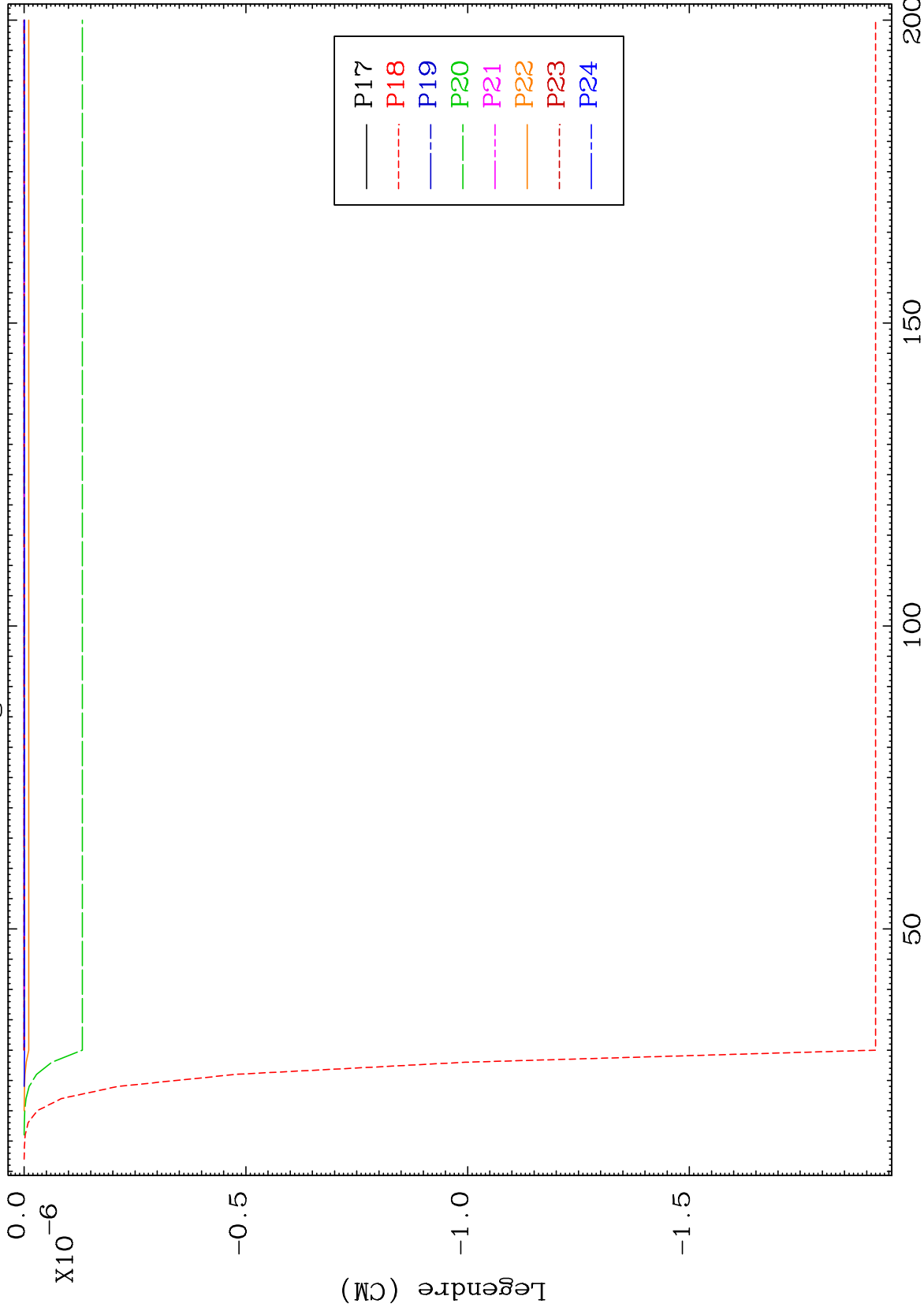
34-Se-75



MAT 3428

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

34-Se-75



34-Se-75

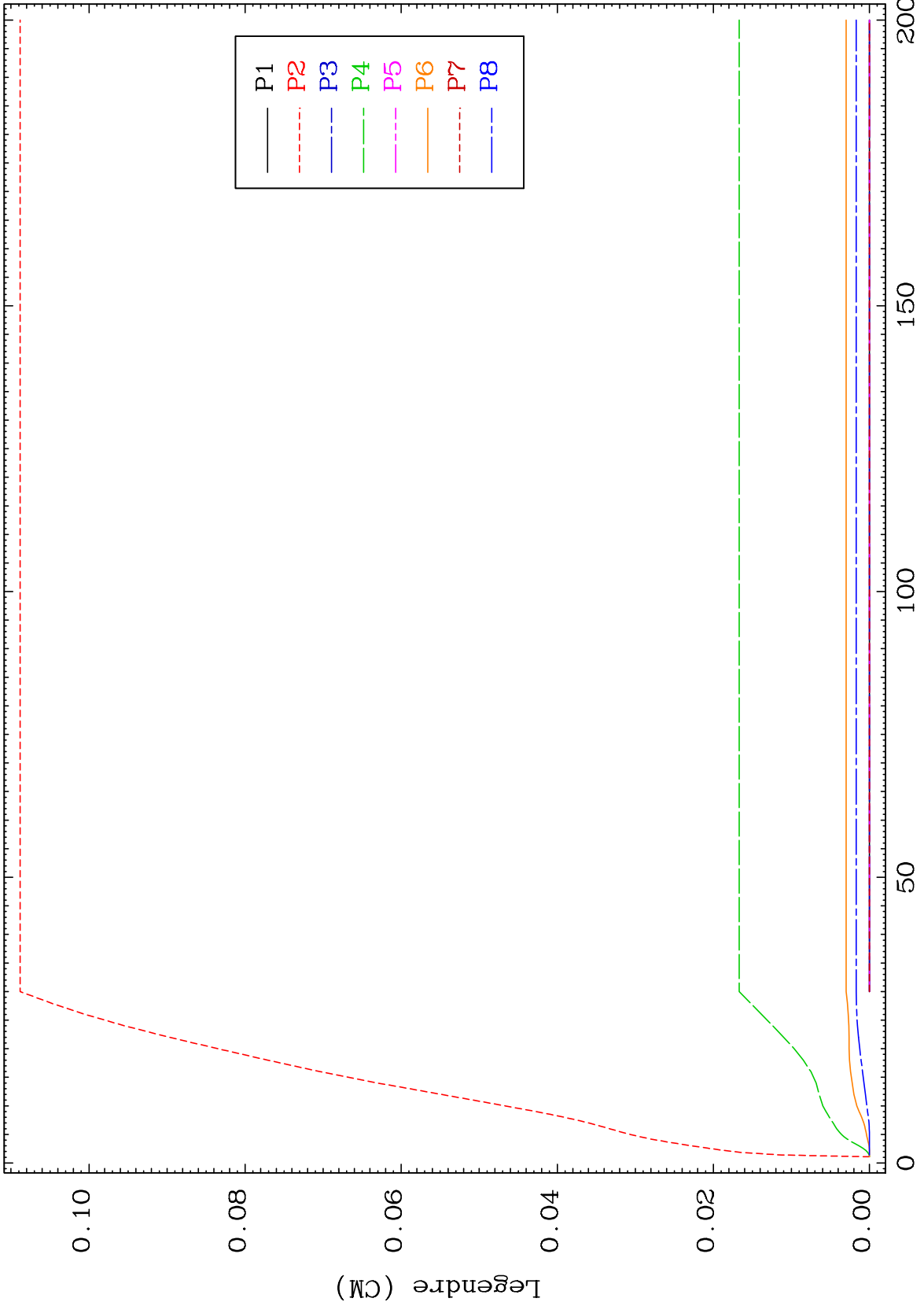
Incident Energy (MeV)

99

MAT 3428

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

34-Se-75

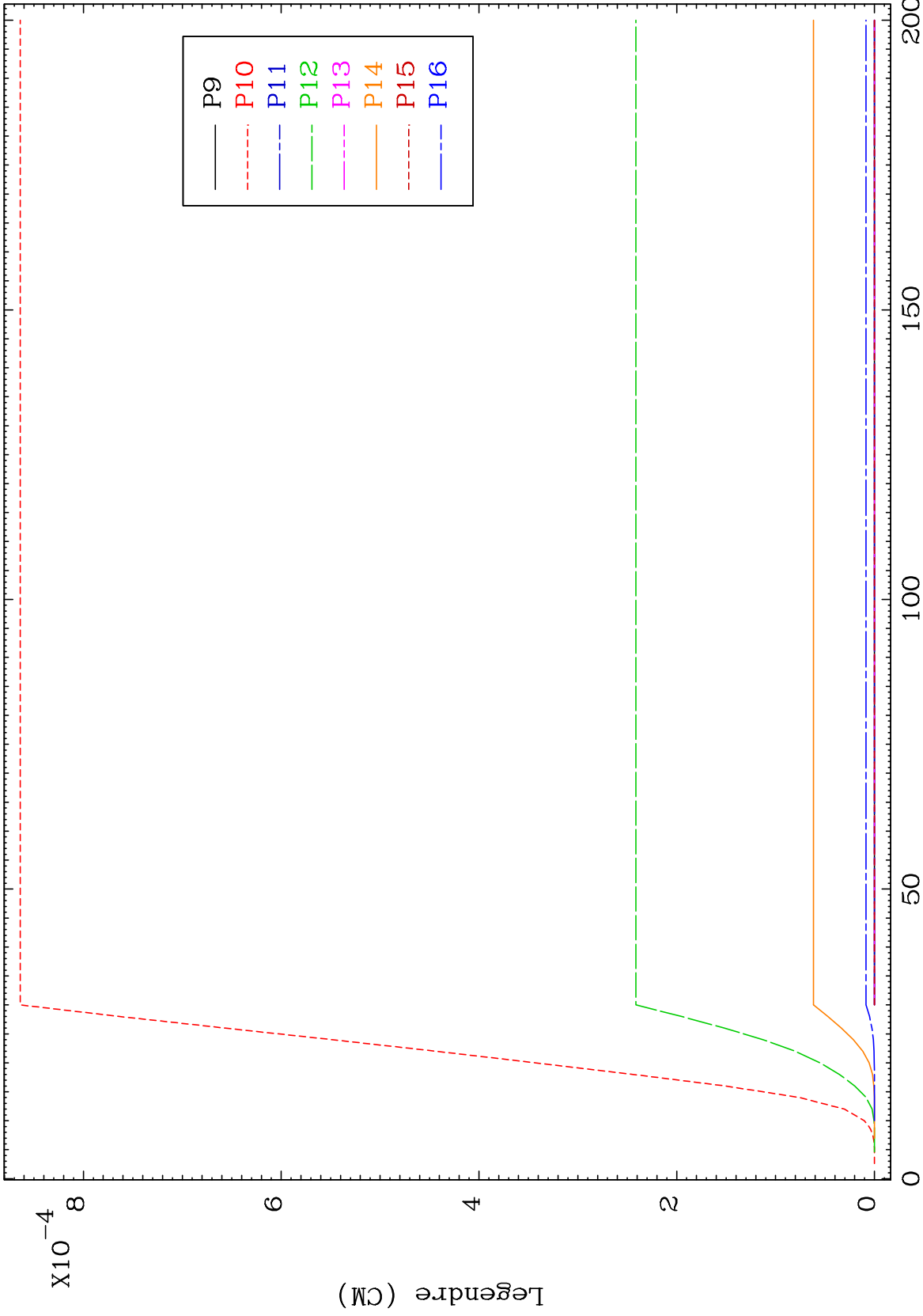


34-Se-75

MAT 3428

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

34-Se-75

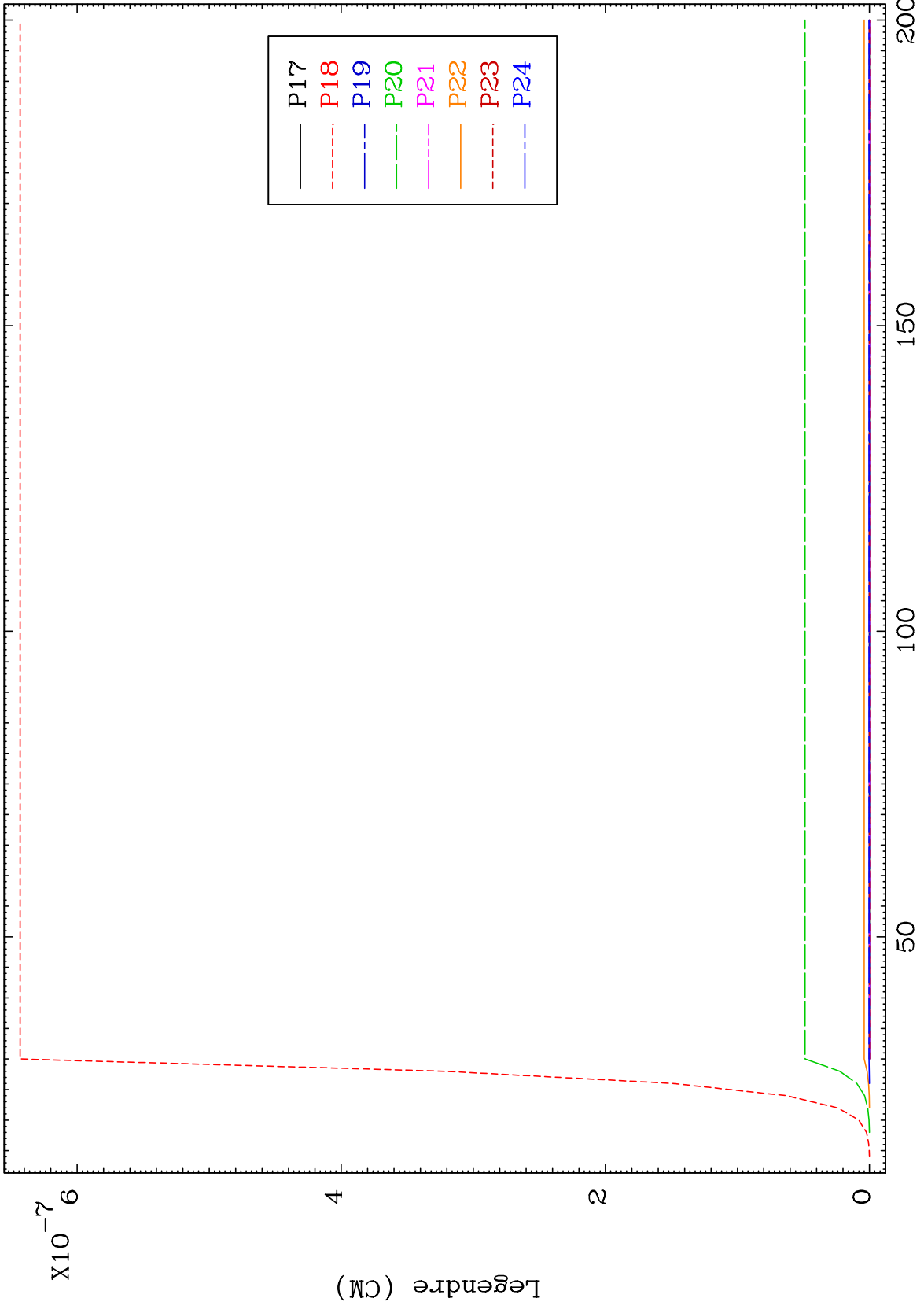


101

Incident Energy (MeV)

34-Se-75

MAT 3428 MT= 75 (n,n') Level Legendre Coefficients 34-Se-75

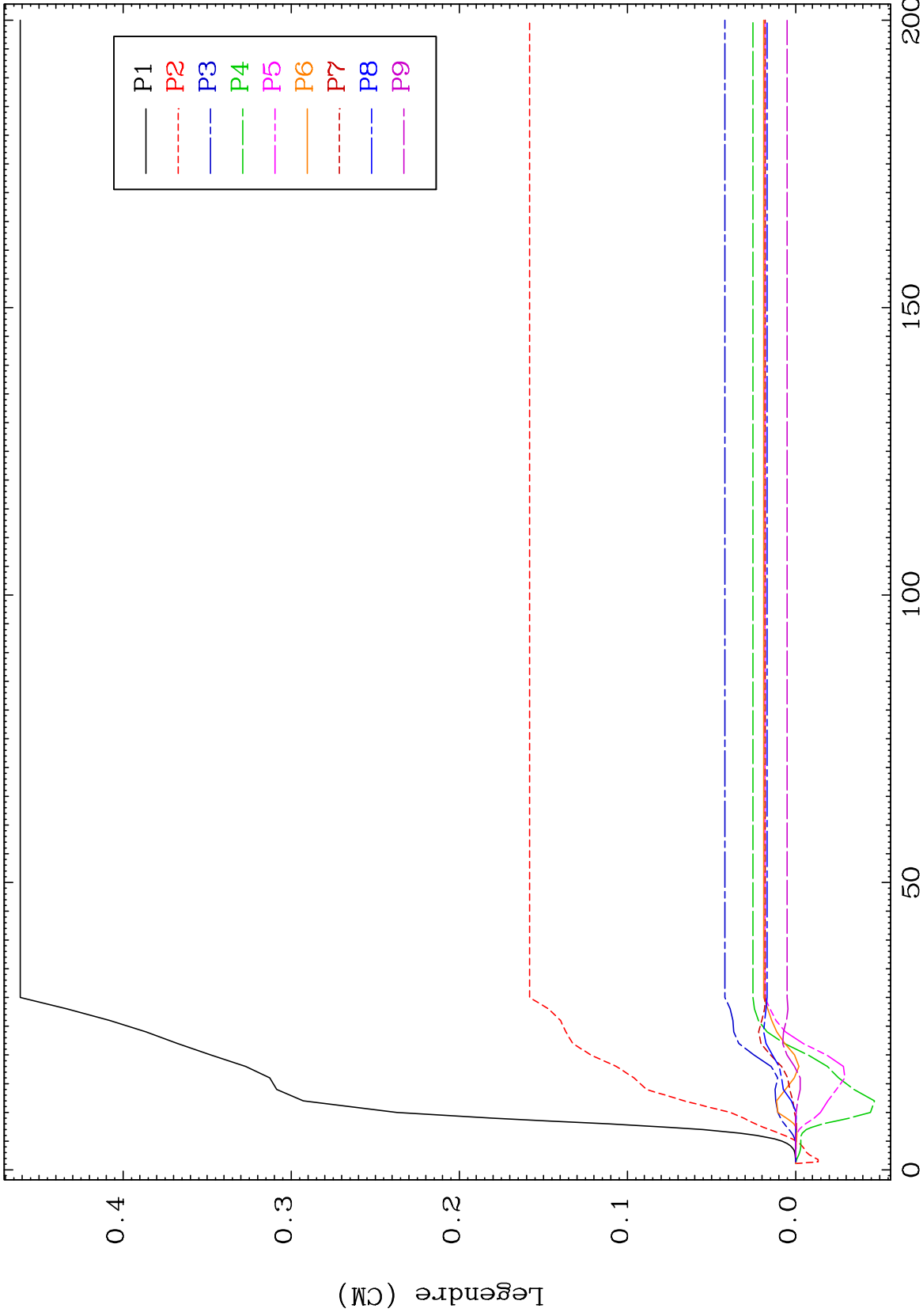


34-Se-75

MAT 3428

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

34-Se-75



103

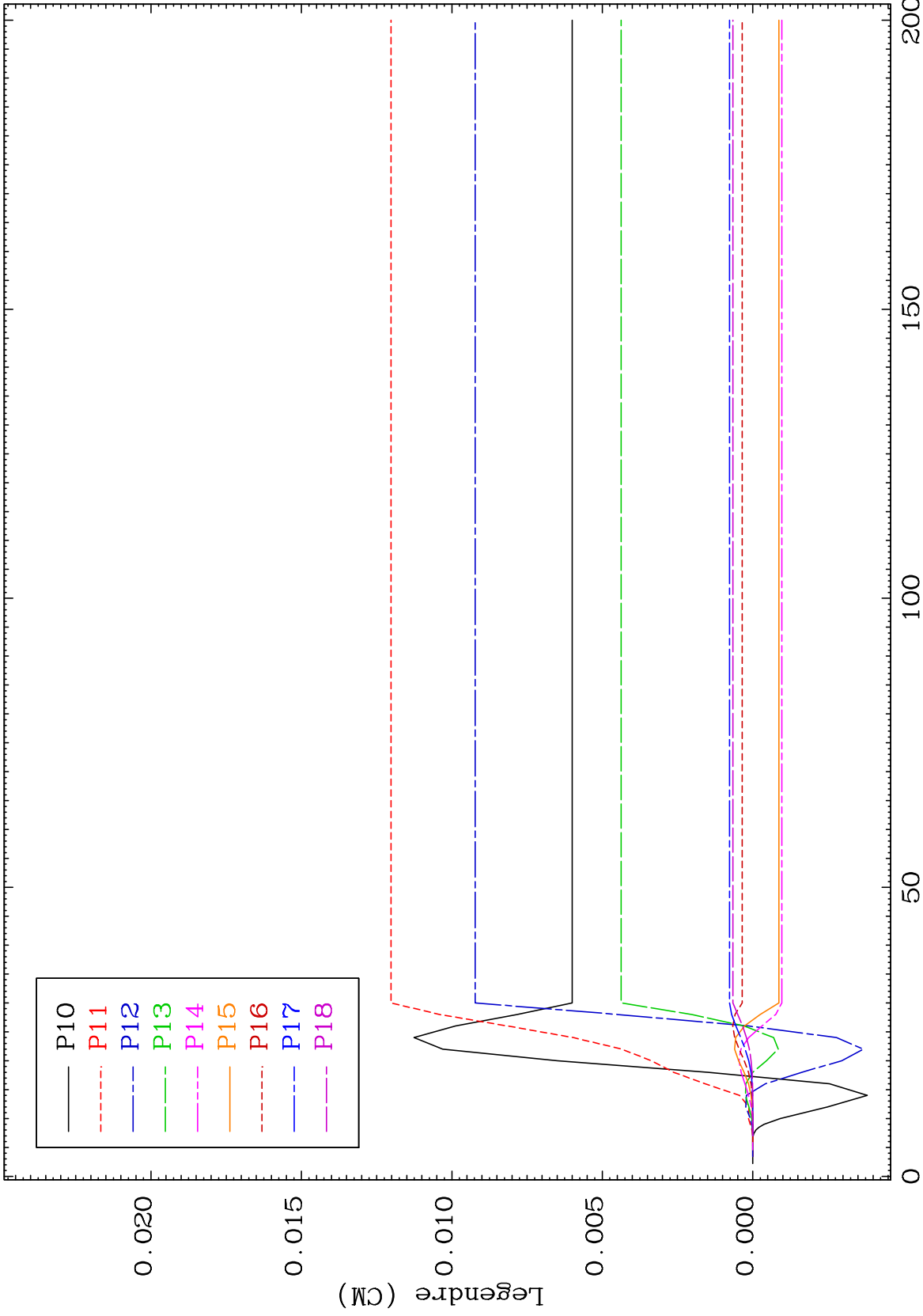
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



104

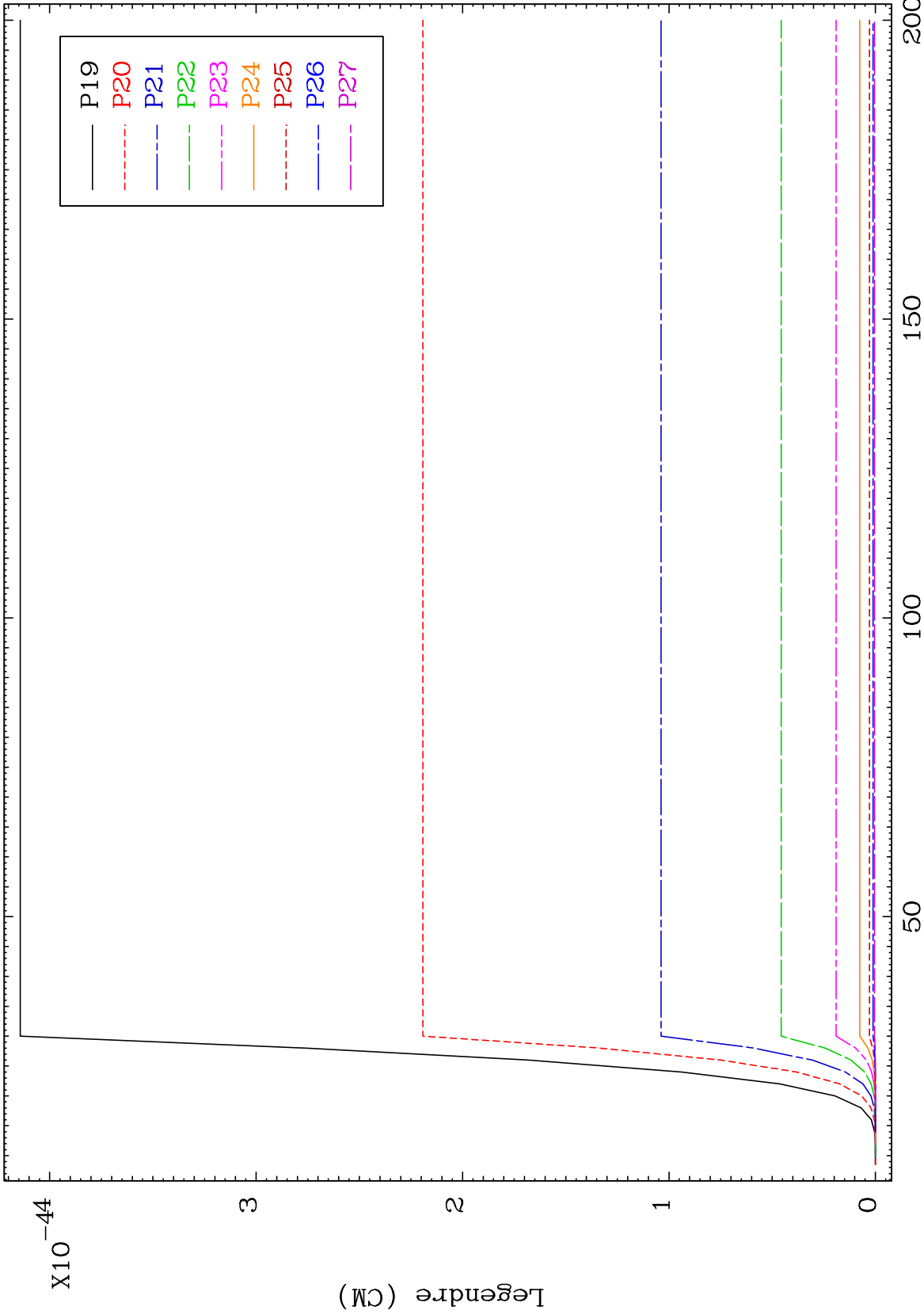
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



105

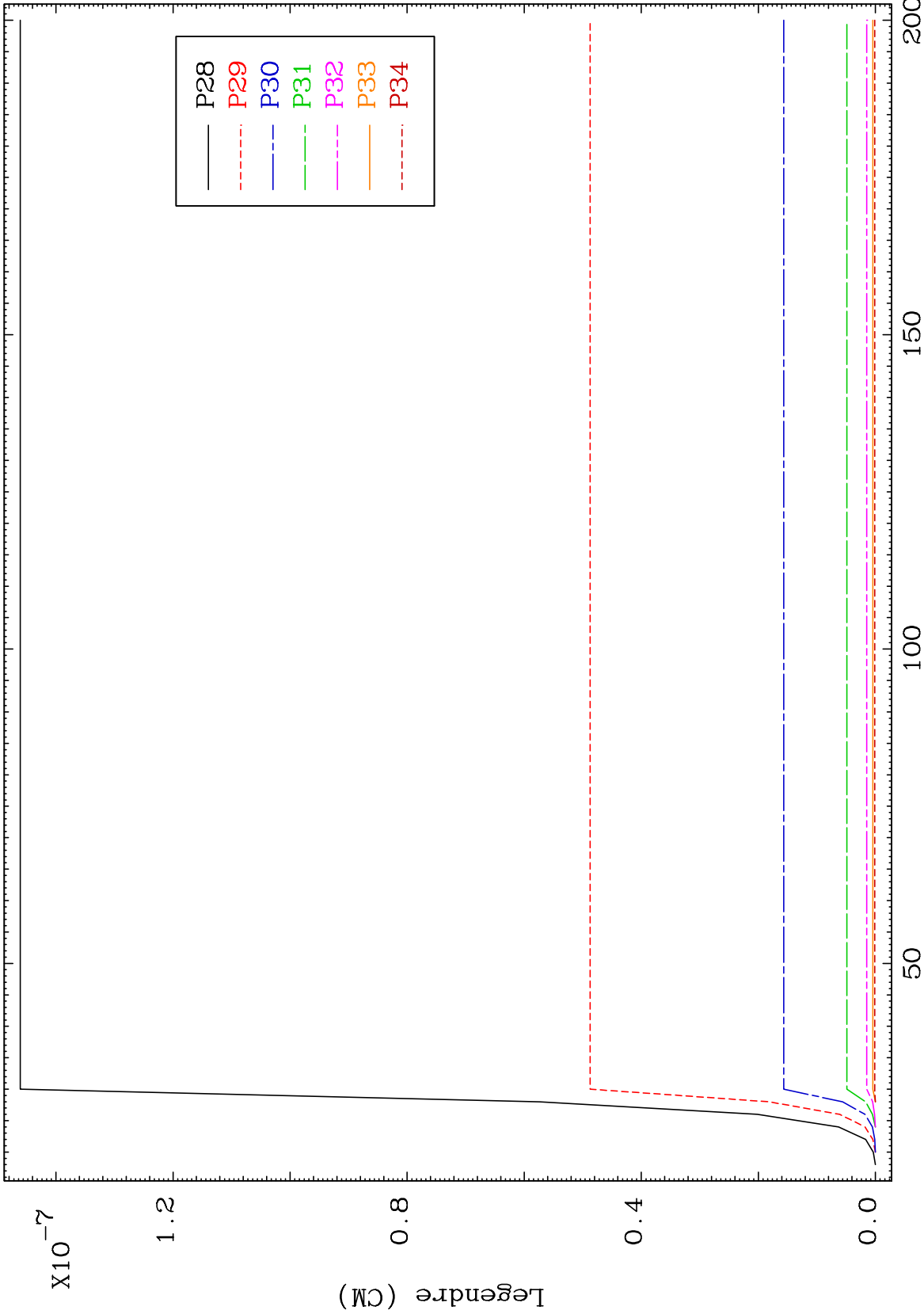
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



106

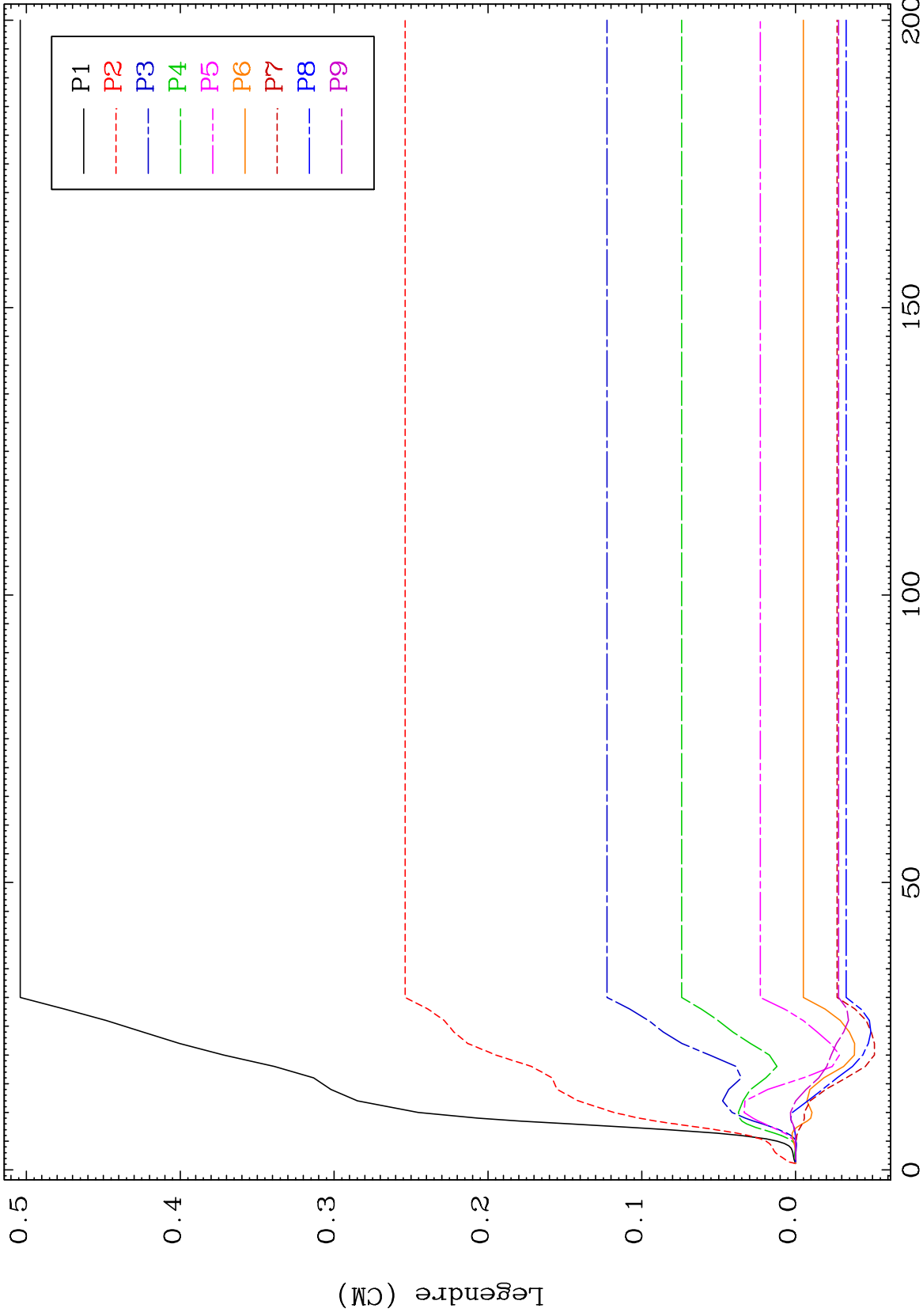
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



107

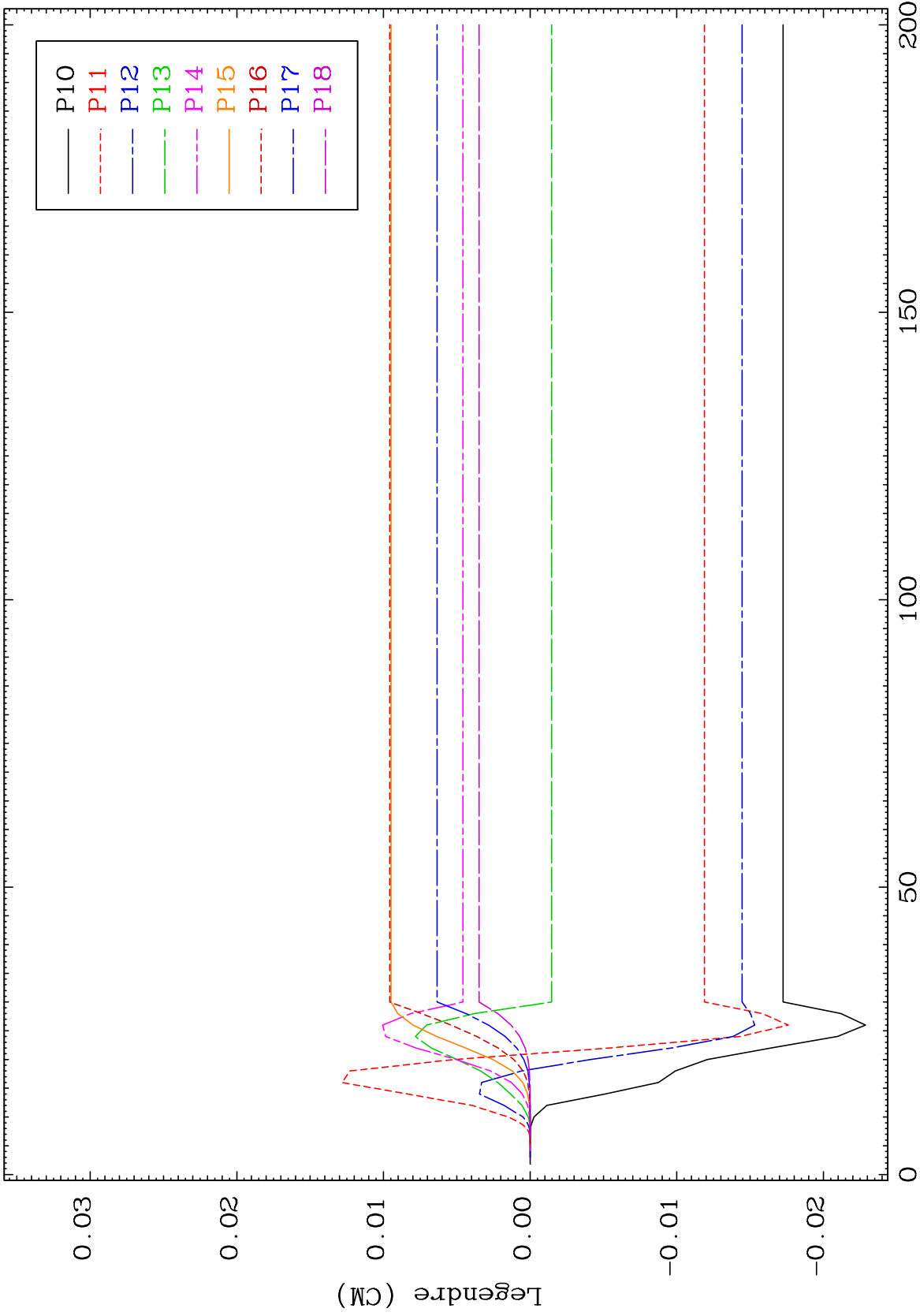
Incident Energy (MeV)

34-Se-75

MAT 3428

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

<sup>34</sup>Se-75



108

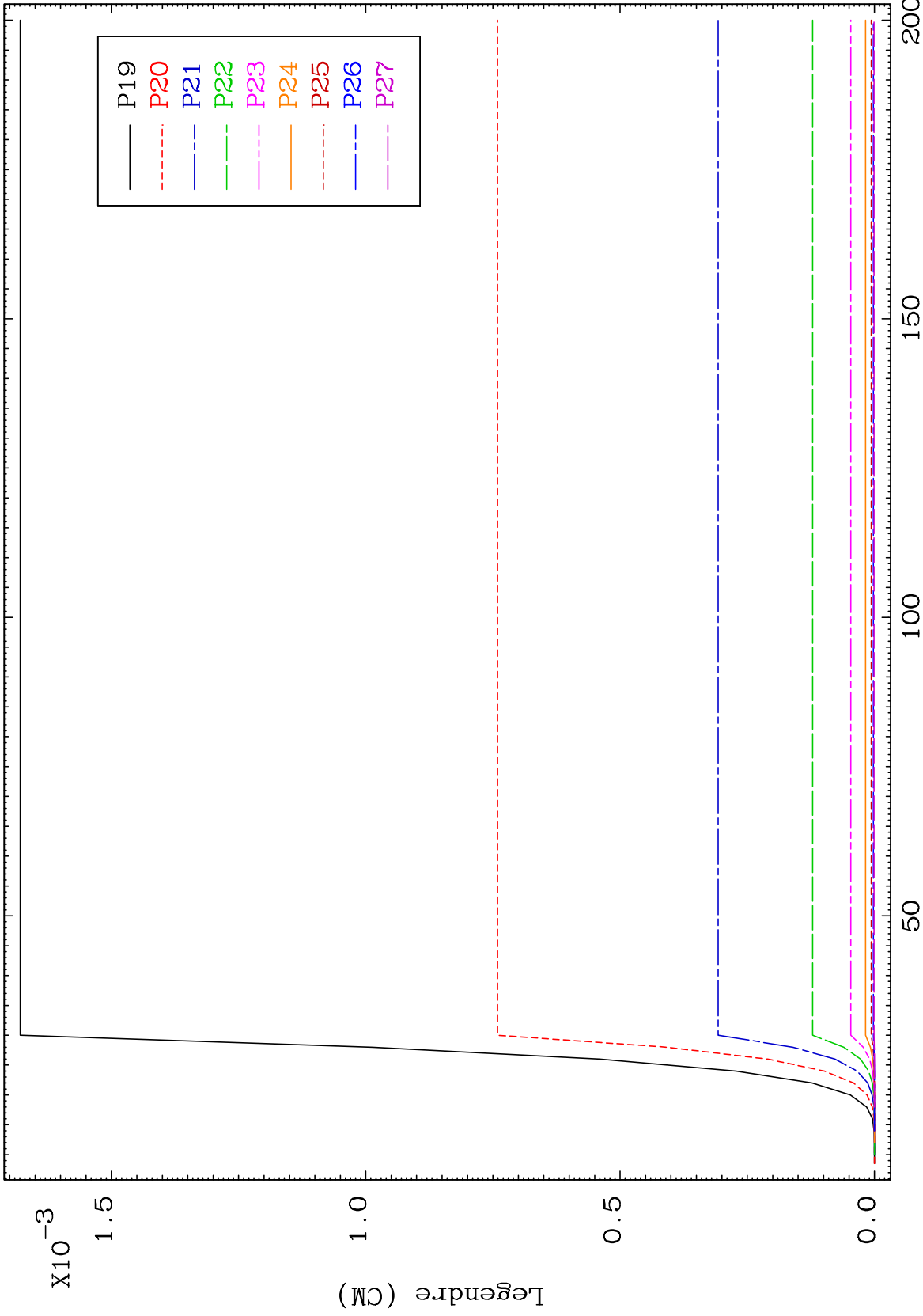
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

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

<sup>34</sup>Se-75



109

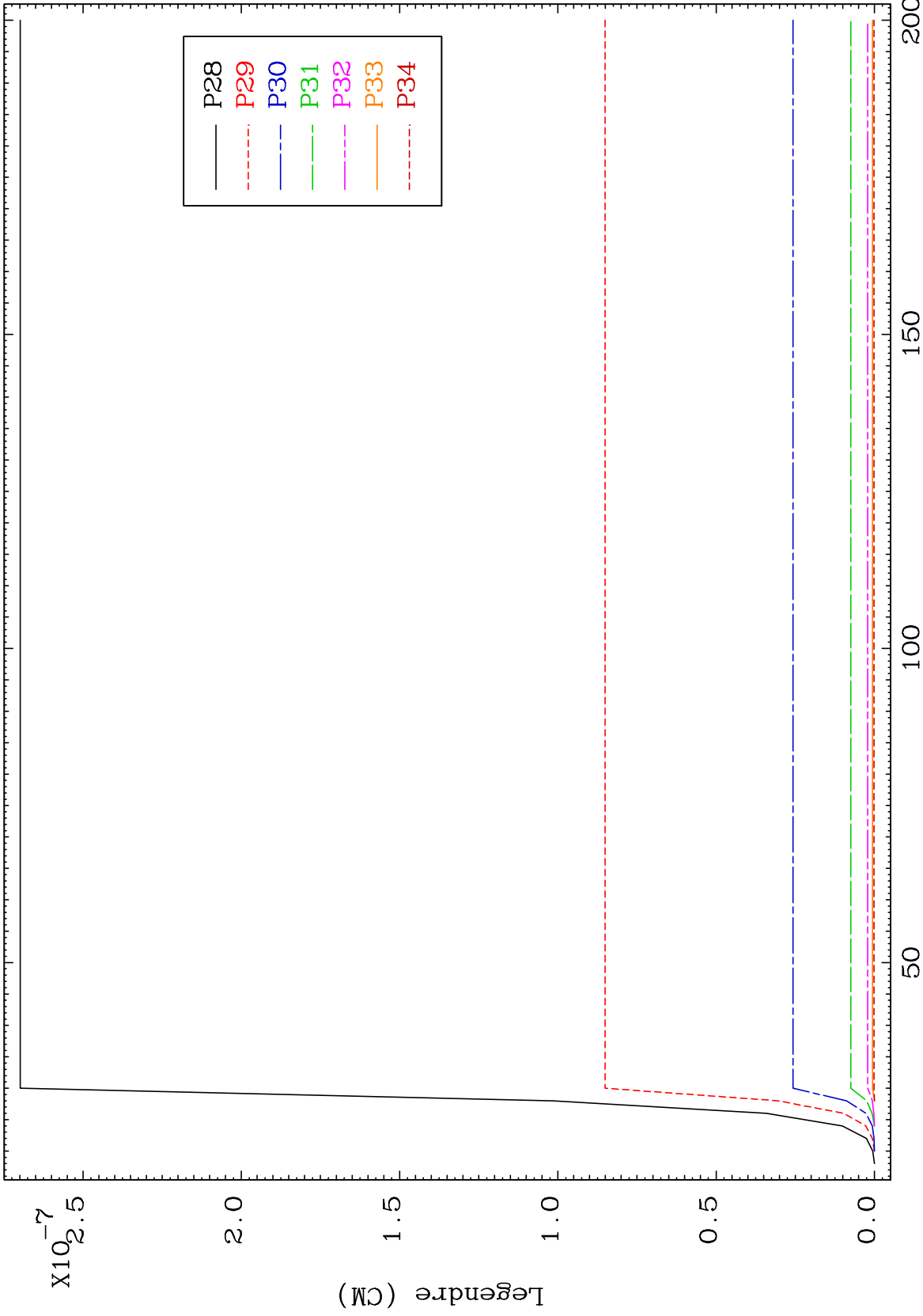
Incident Energy (MeV)

<sup>34</sup>Se-75

MAT 3428

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

34-Se-75



110

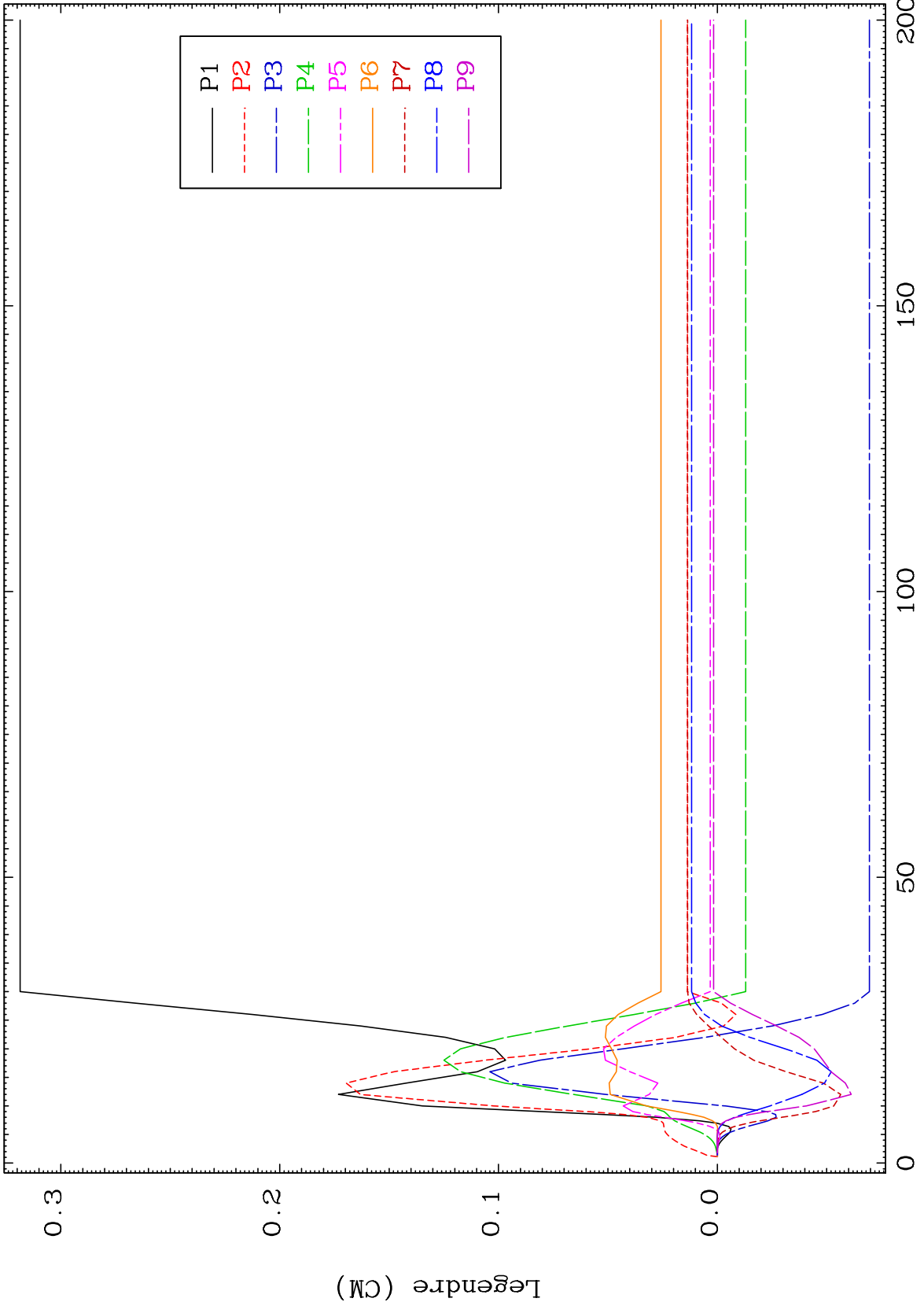
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



111

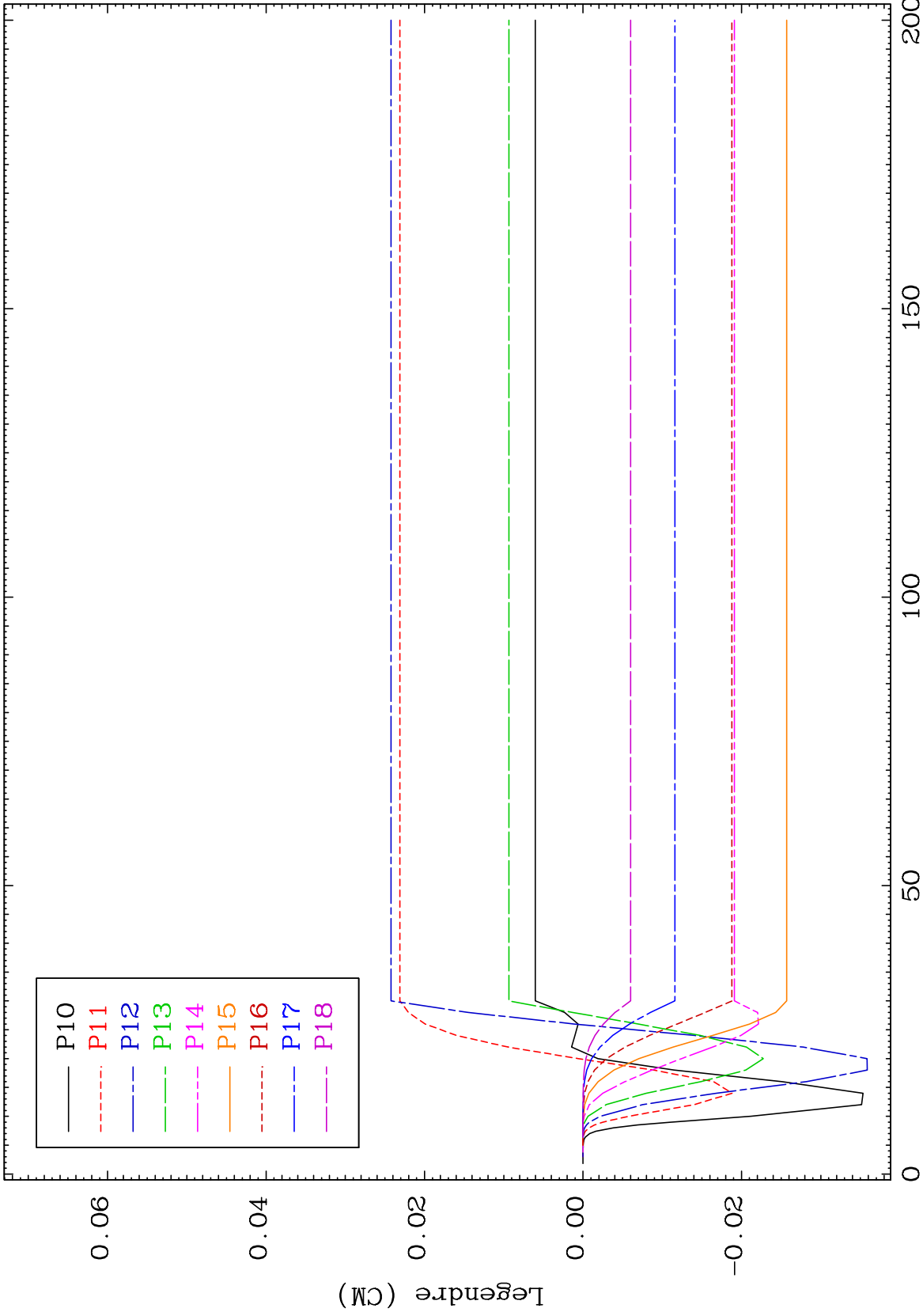
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



112

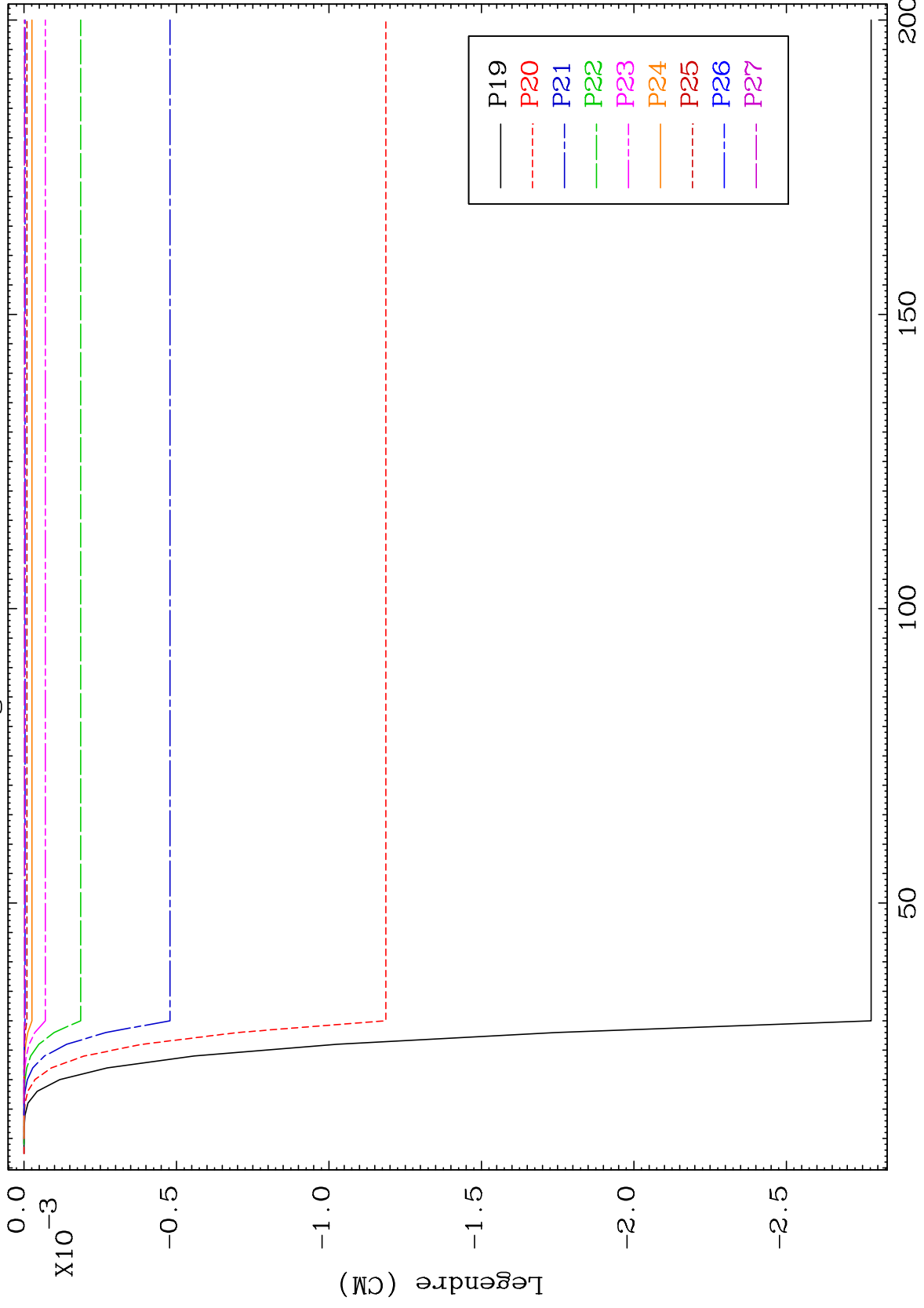
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



34-Se-75

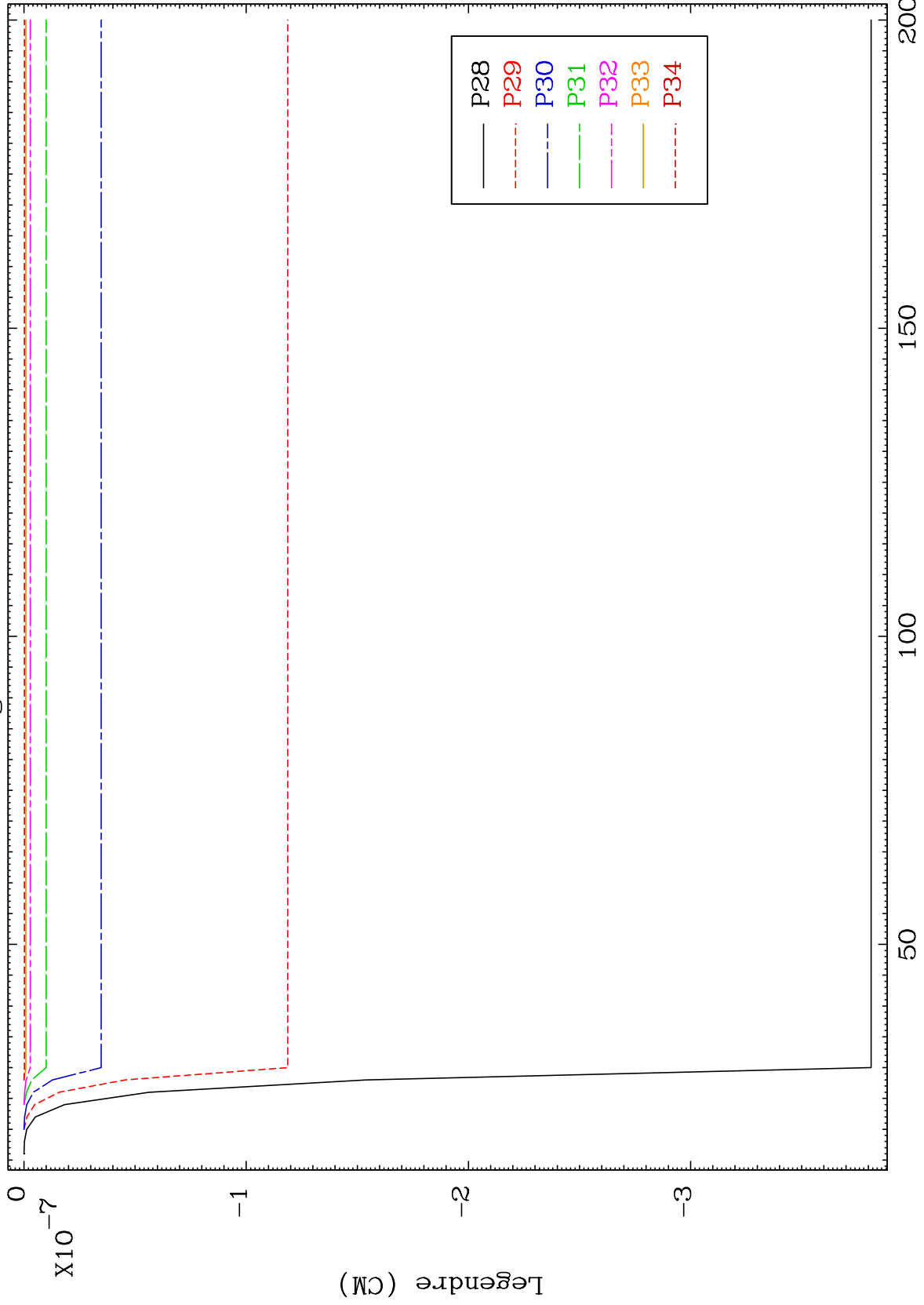
Incident Energy (MeV)

113

MAT 3428

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

34-Se-75



34-Se-75

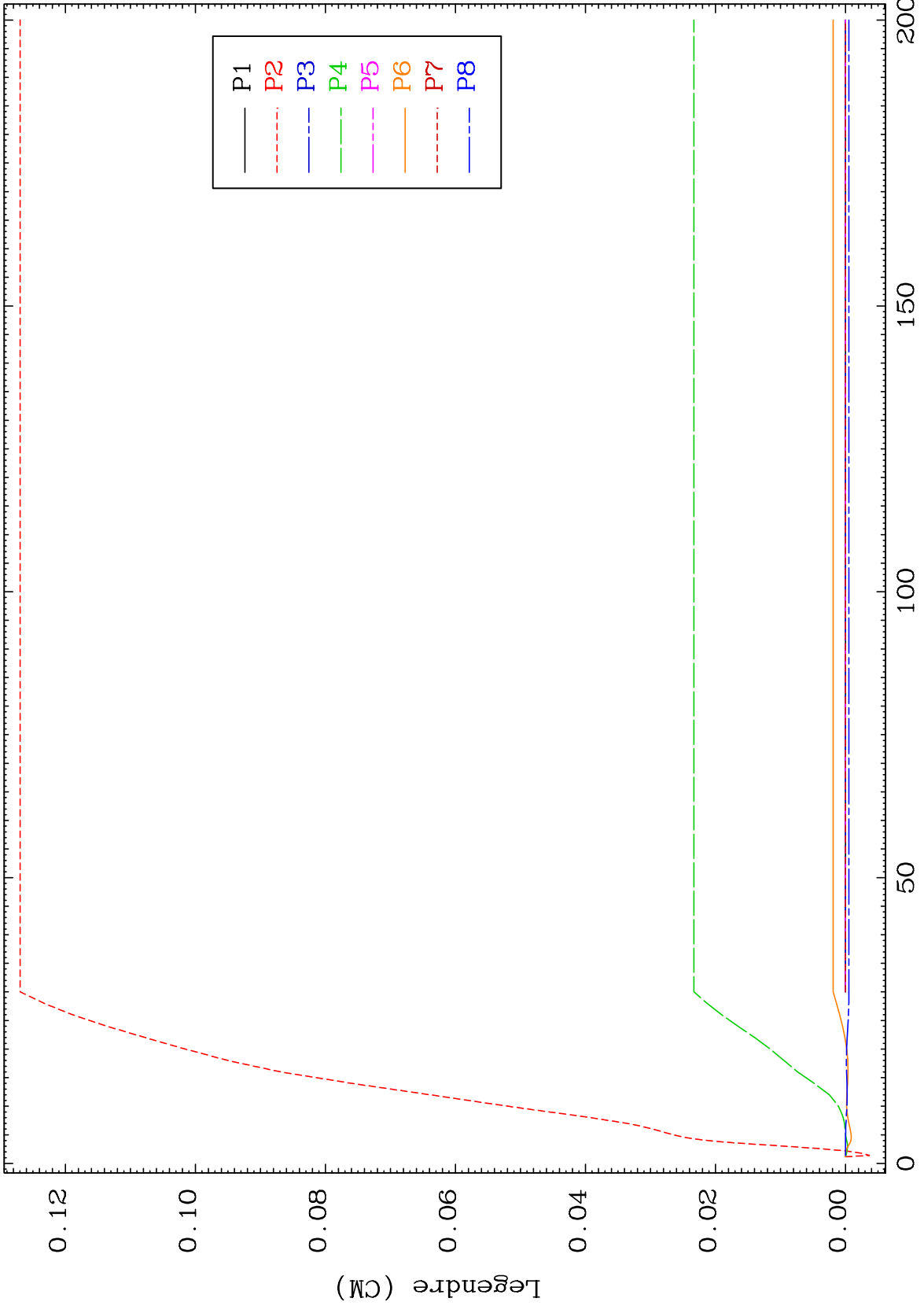
Incident Energy (MeV)

114

MAT 3428

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

34-Se-75



115

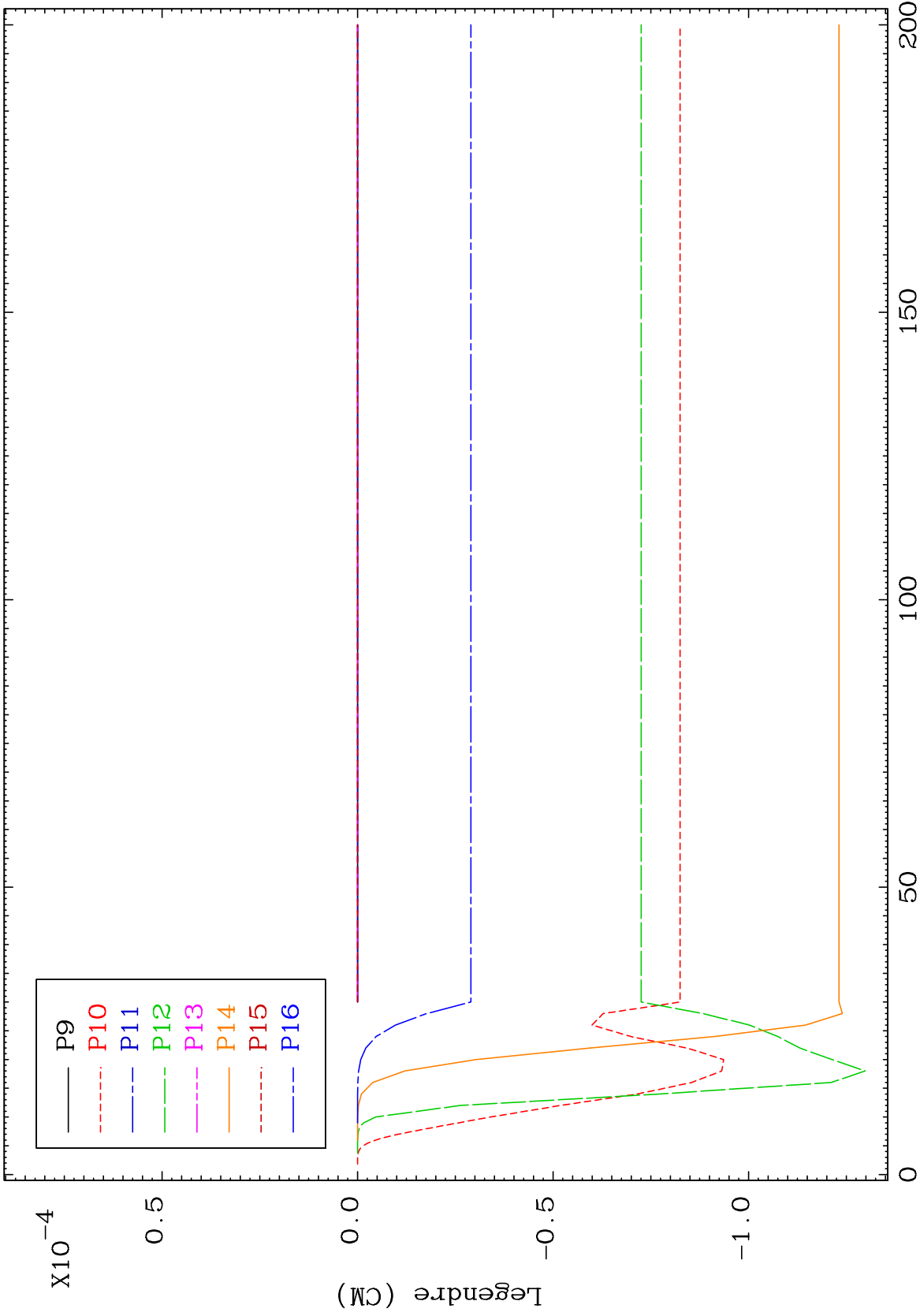
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



116

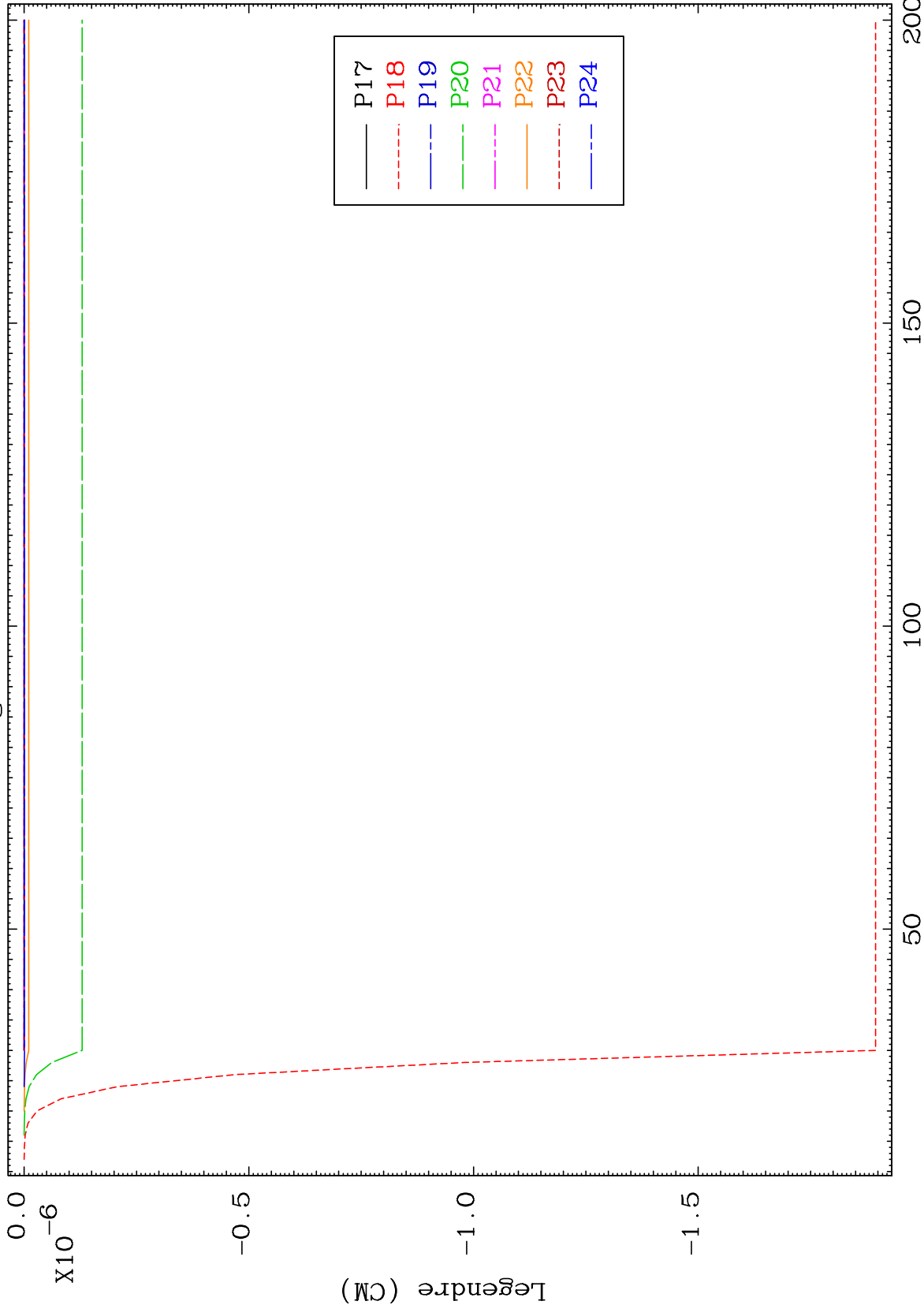
Incident Energy (MeV)

34-Se-75

MAT 3428

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

34-Se-75



34-Se-75

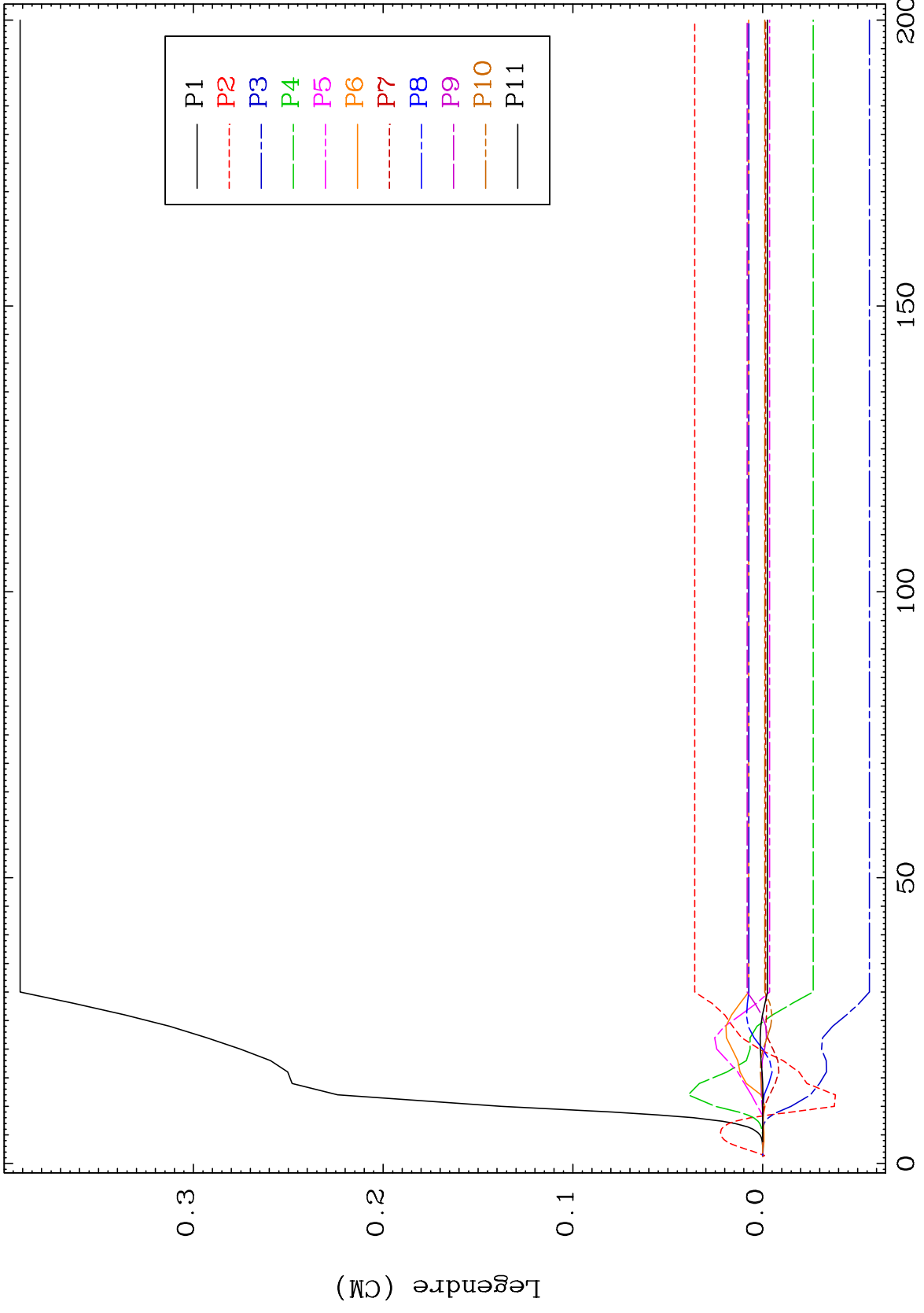
Incident Energy (MeV)

117

MAT 3428

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

34-Se-75



118

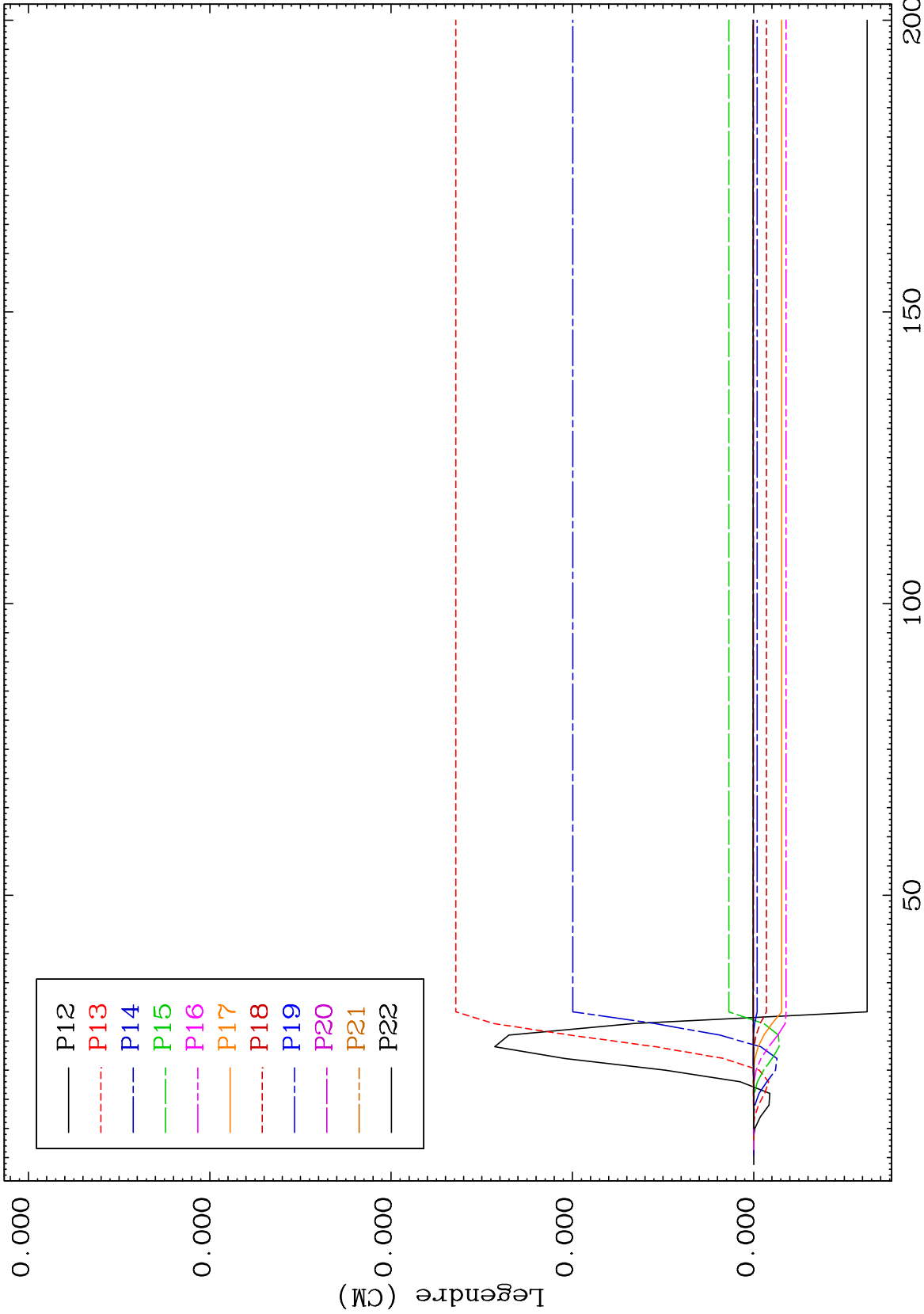
Incident Energy (MeV)

34-Se-75

MAT 3428

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

<sup>34</sup>Se-75



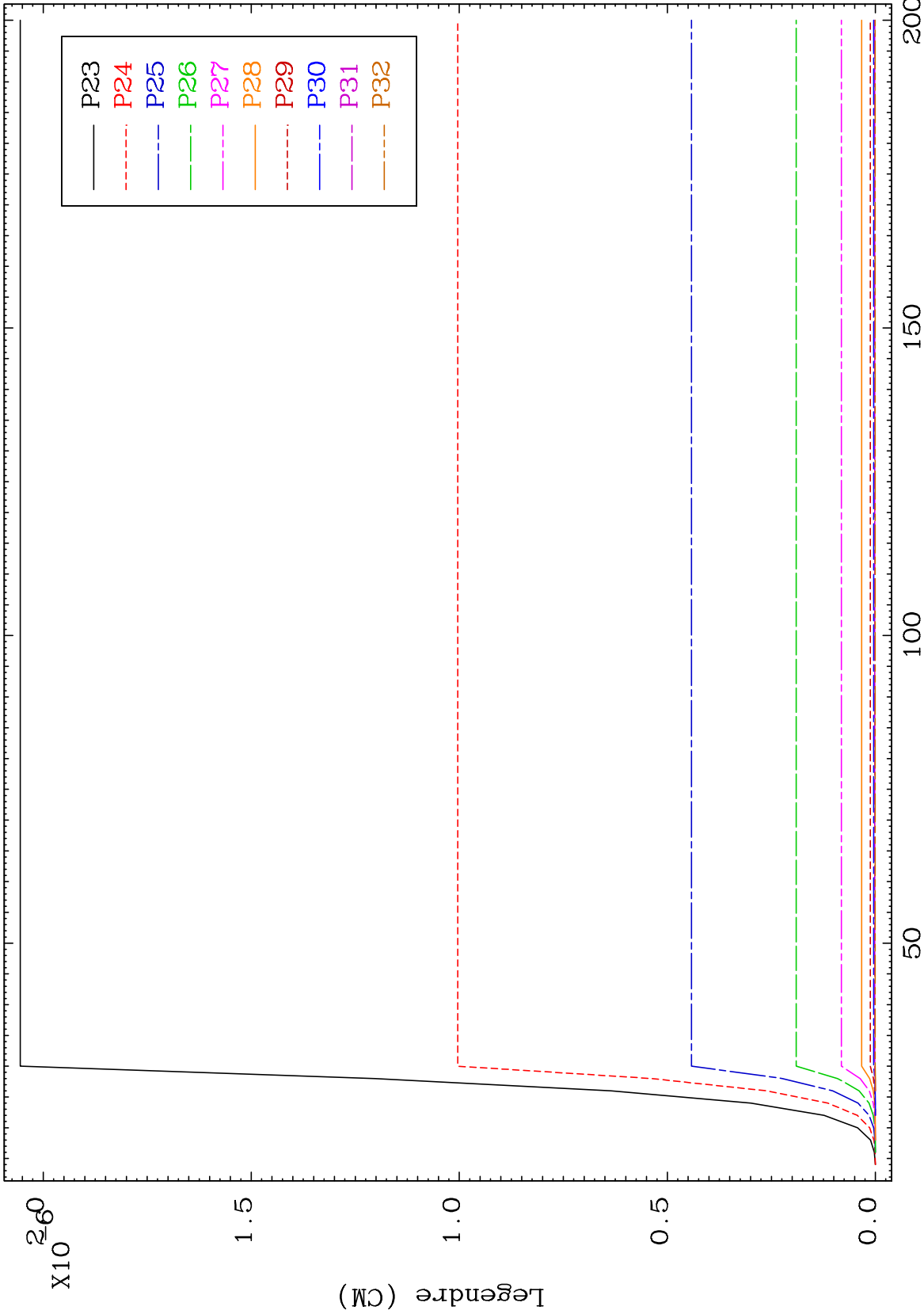
119

<sup>34</sup>Se-75

MAT 3428

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

34-Se-75



120

50

100

150

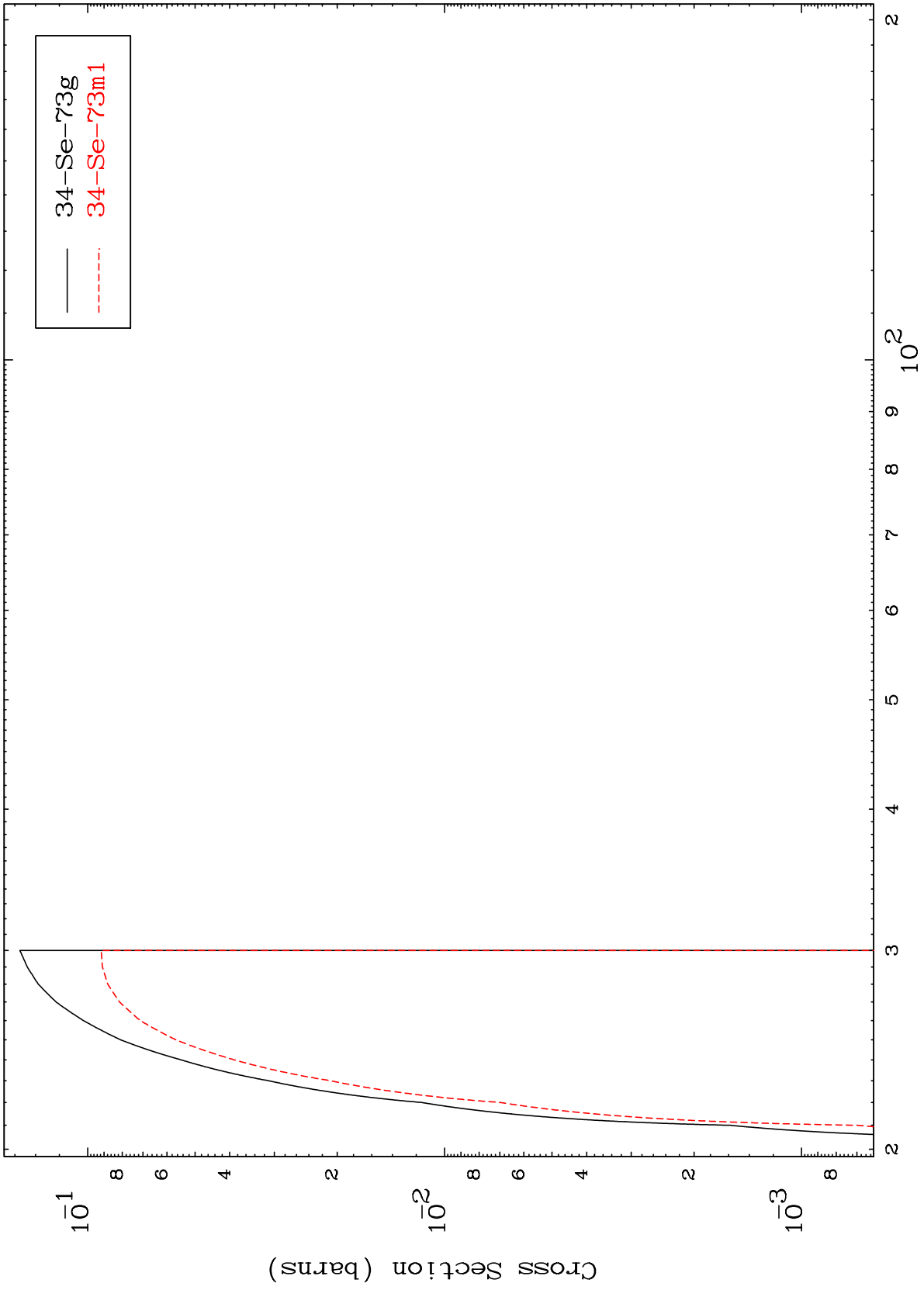
200

34-Se-75

MAT 3428

<sup>34</sup>Se-75

(n,3n)  
Radionuclide Production Cross Section



121

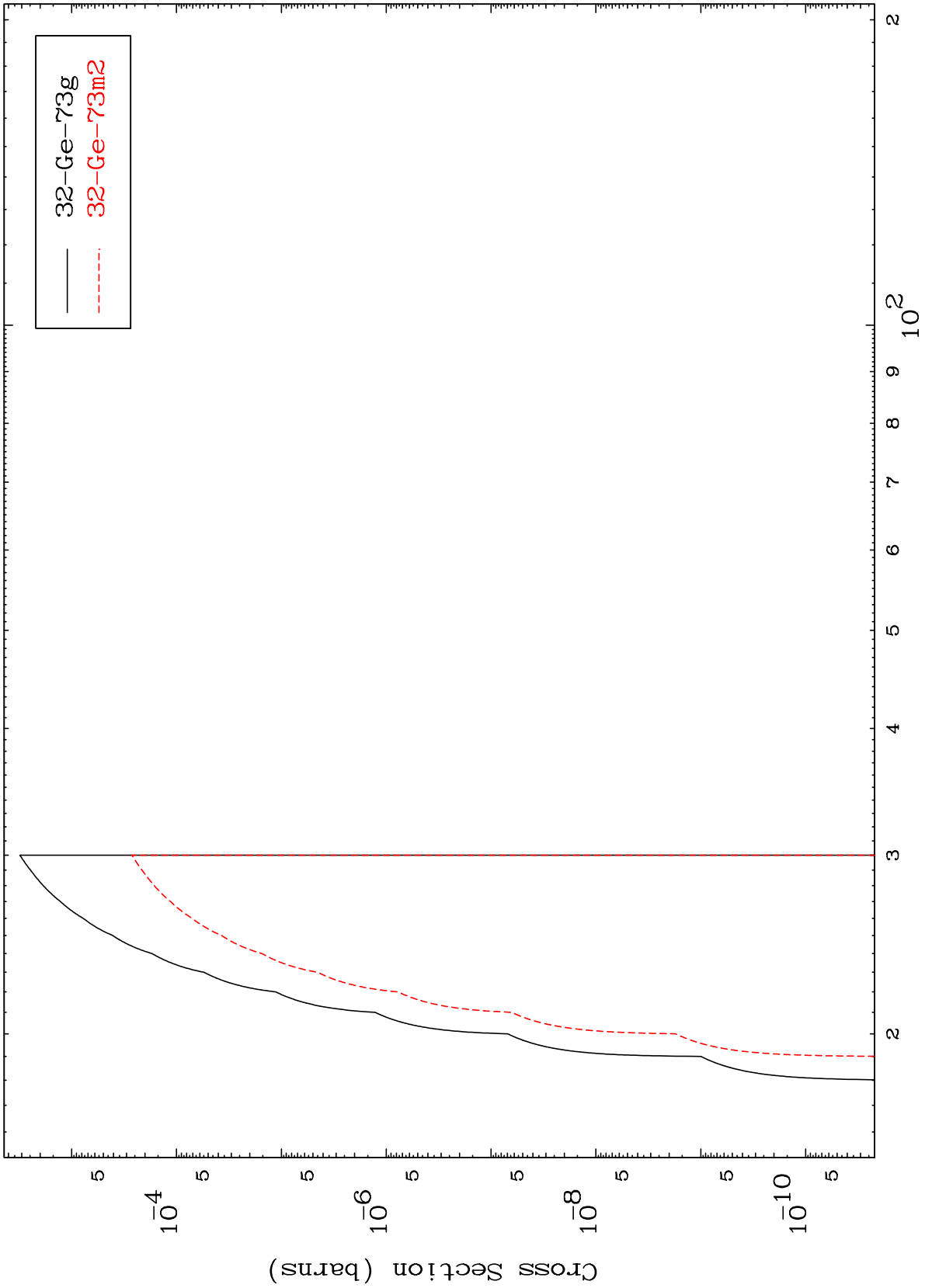
<sup>34</sup>Se-75

MAT 3428

(n,2n) p

<sup>34</sup>Se-75

Radionuclide Production Cross Section



122

Incident Energy (MeV)

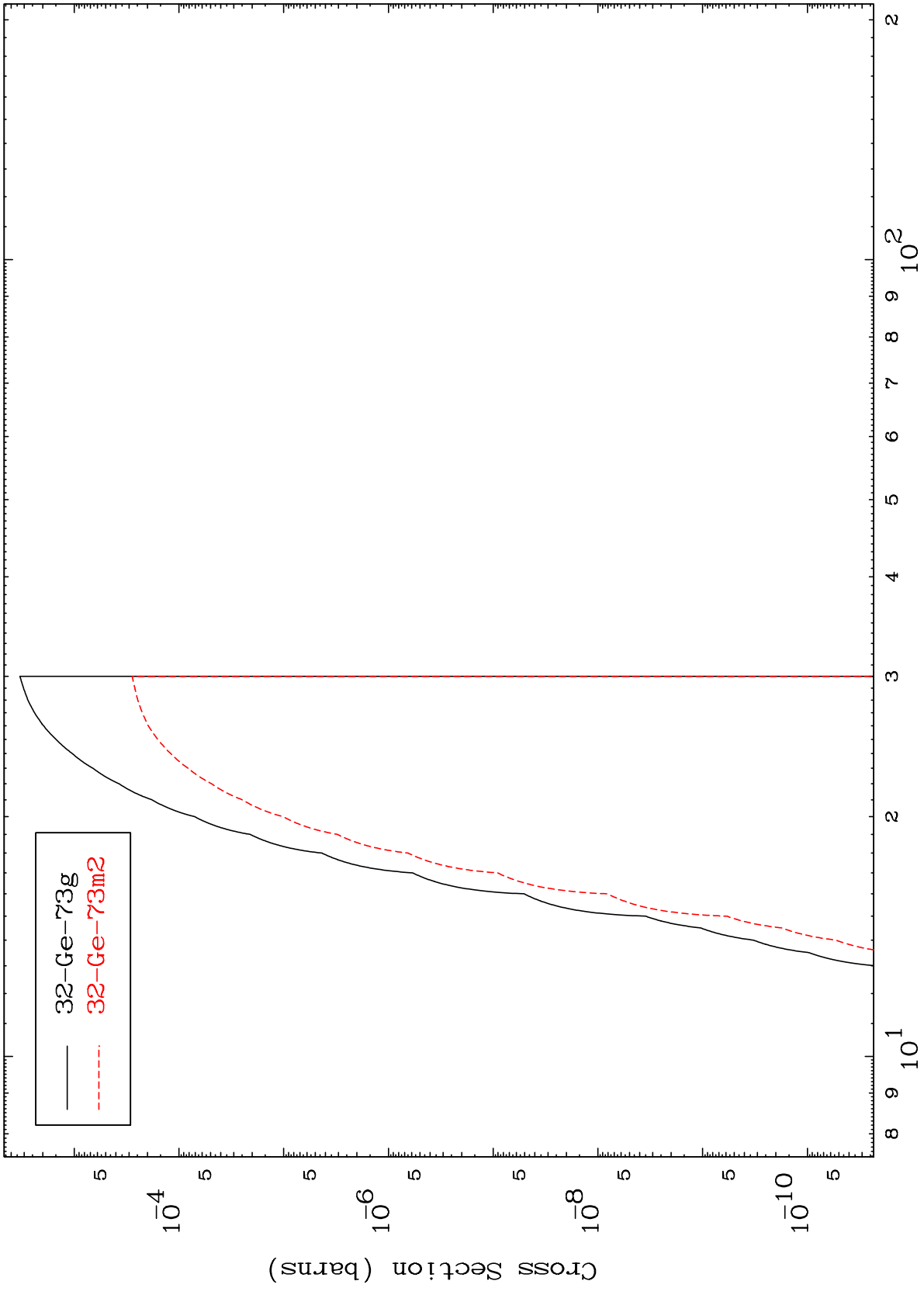
<sup>34</sup>Se-75

MAT 3428

(n, He-3)

34-Se-75

Radionuclide Production Cross Section



123

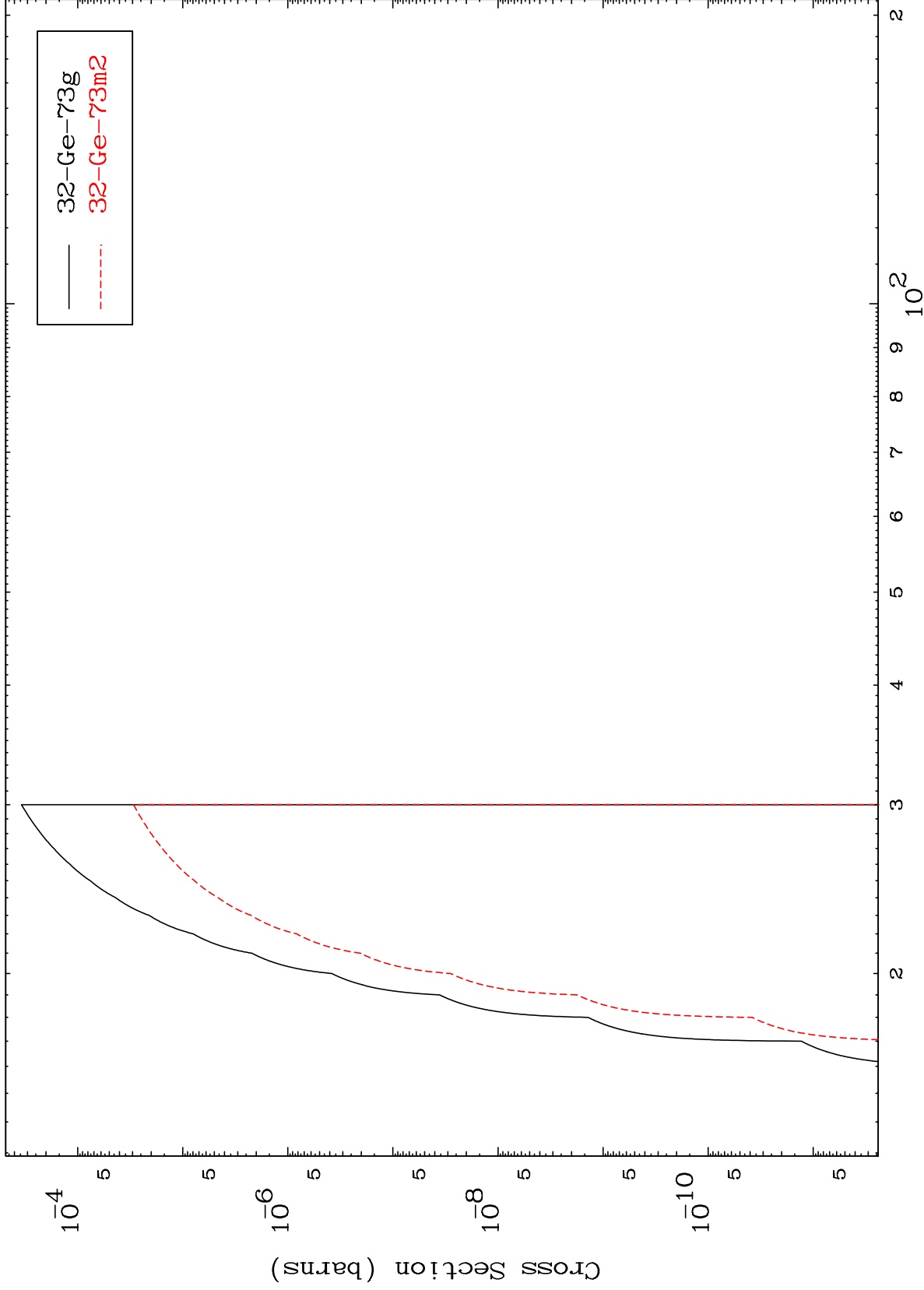
34-Se-75

MAT 3428

(n,p) d

<sup>34</sup>Se-75

Radionuclide Production Cross Section



124

Incident Energy (MeV)

<sup>34</sup>Se-75