

Program EVALPLOT  
(Version 2018-1)

by

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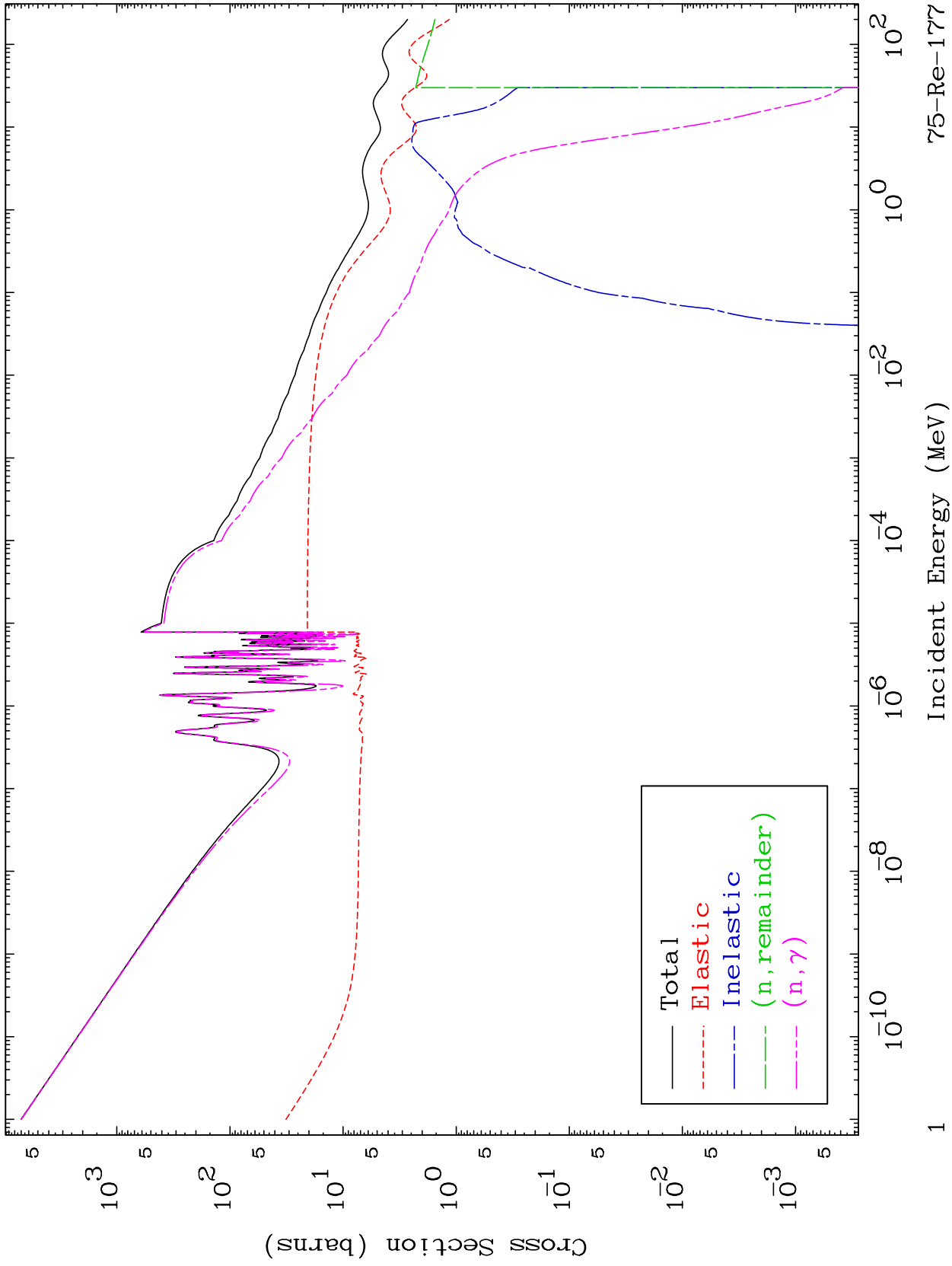
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7501

Major  
293 Kelvin Cross Sections

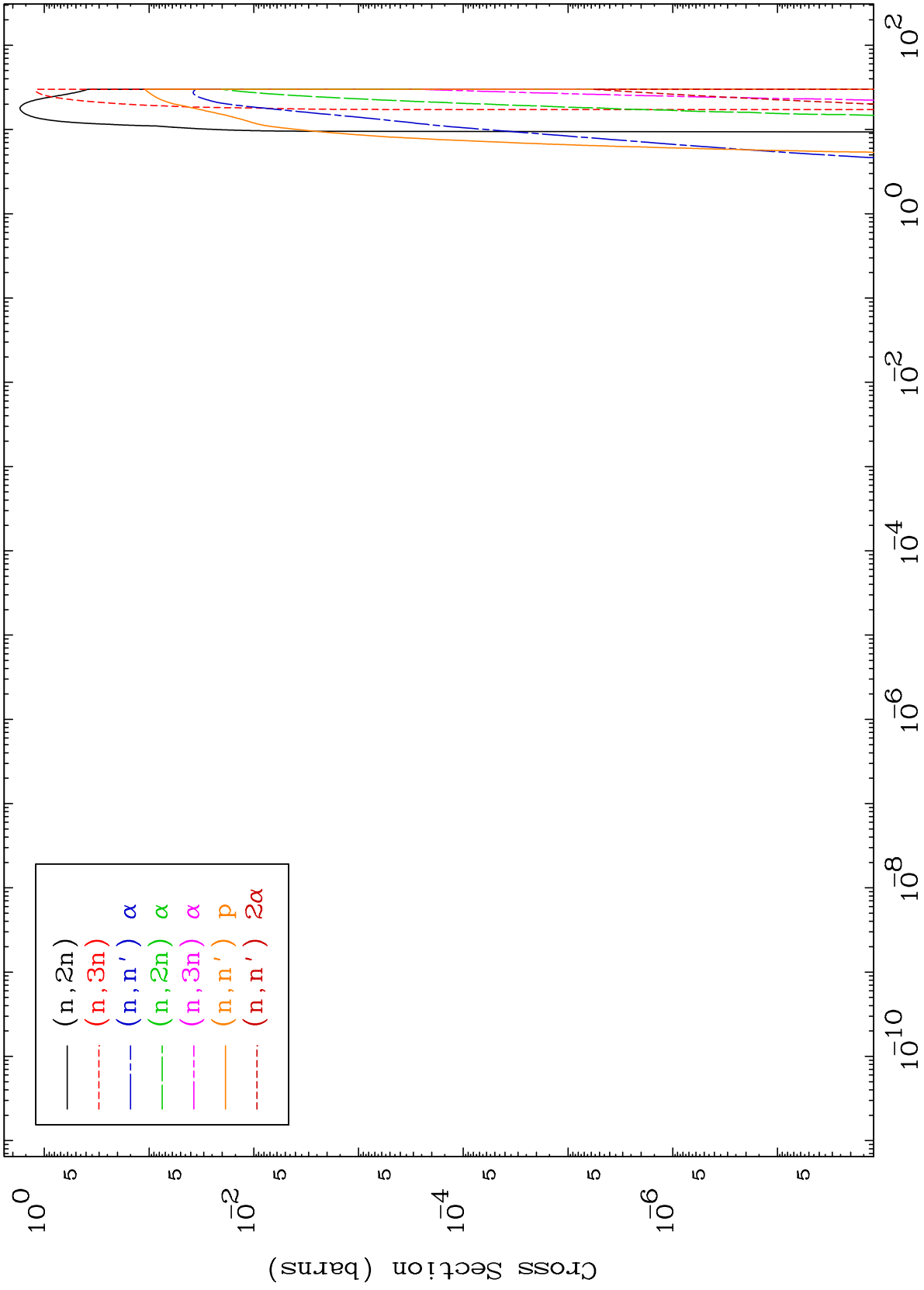
75-Re-177

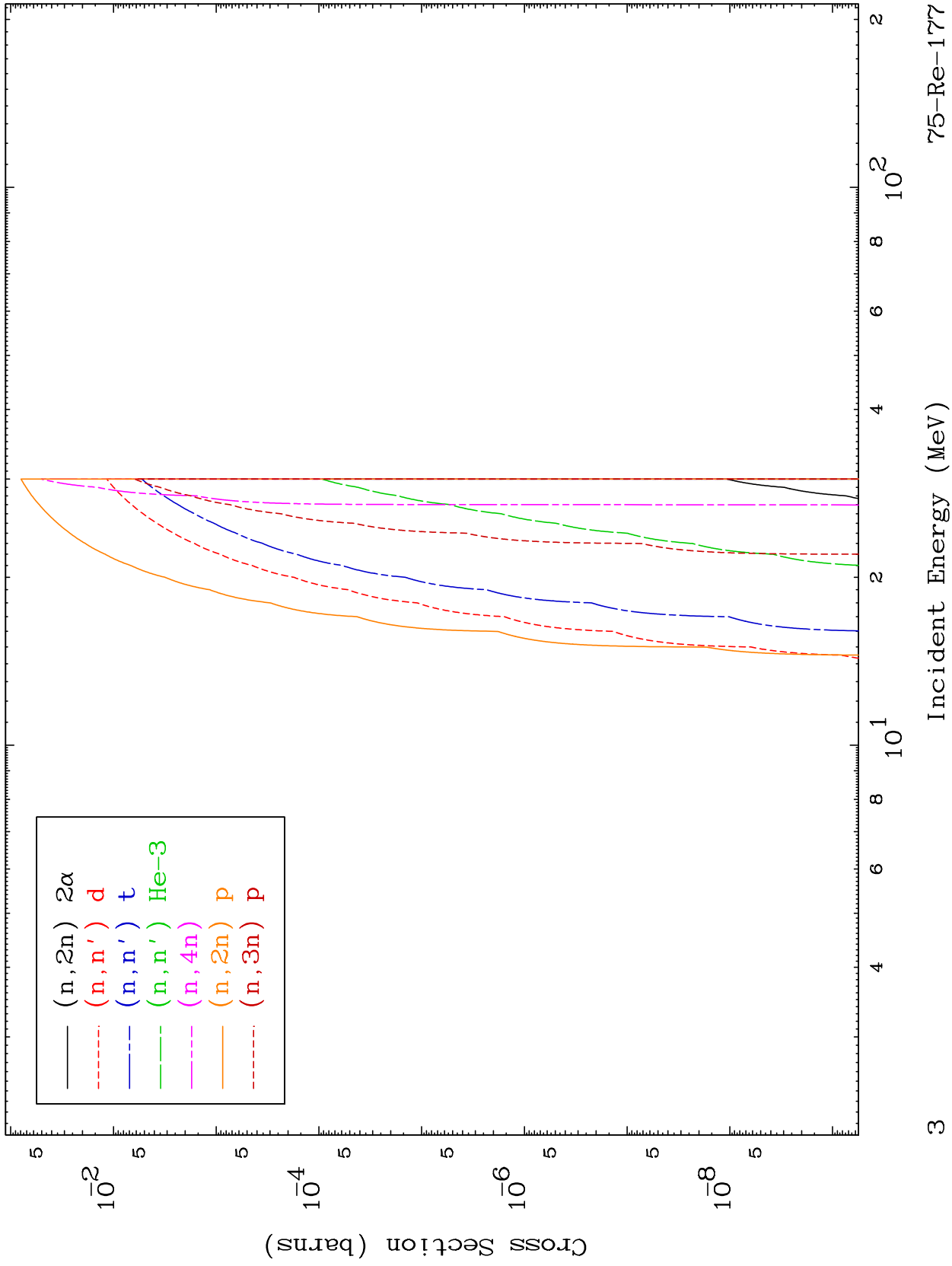


MAT 7501

Neutron Production  
293 Kelvin Cross Sections

75-Re-177

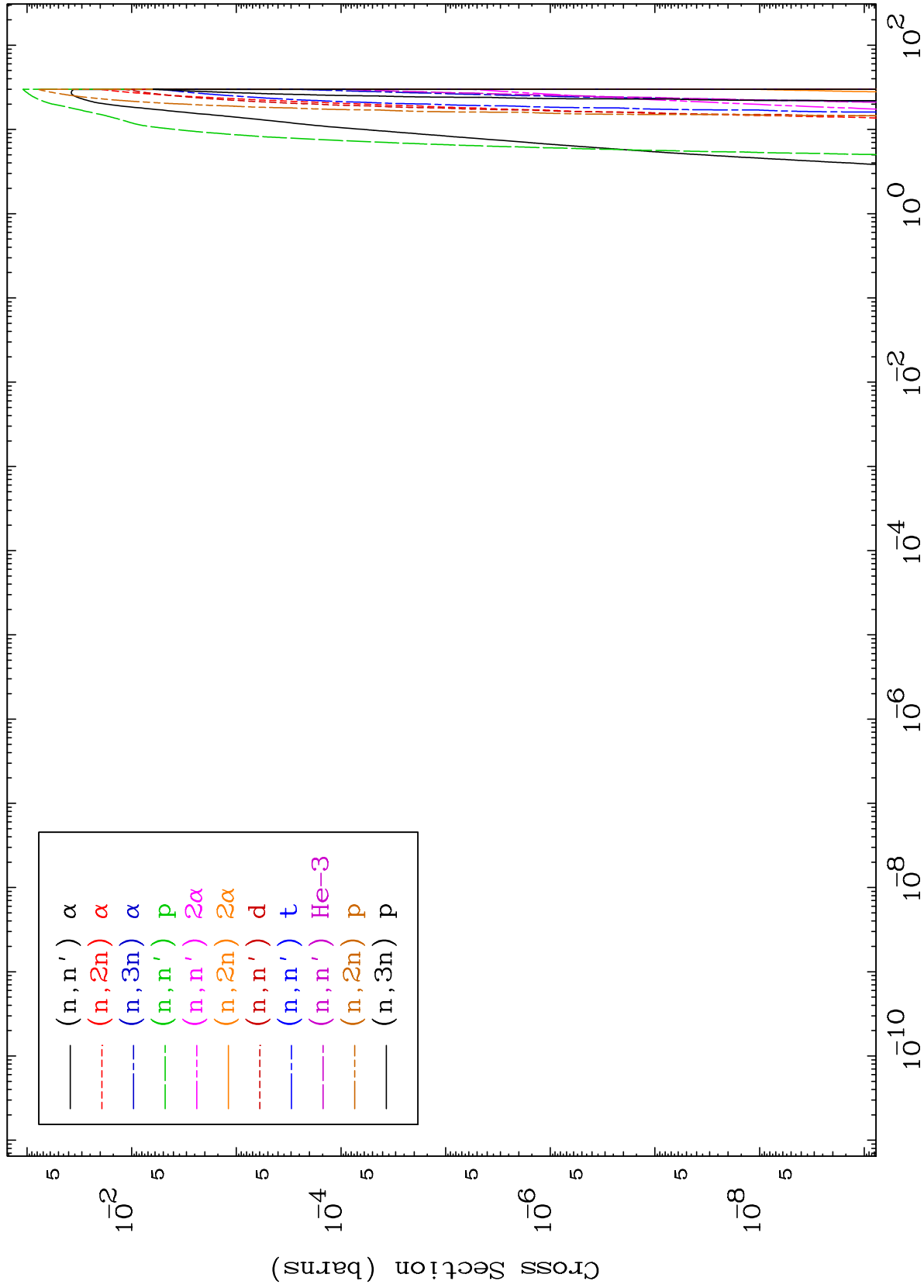




MAT 7501

293 Charged Particle  
Kelvin Cross Sections

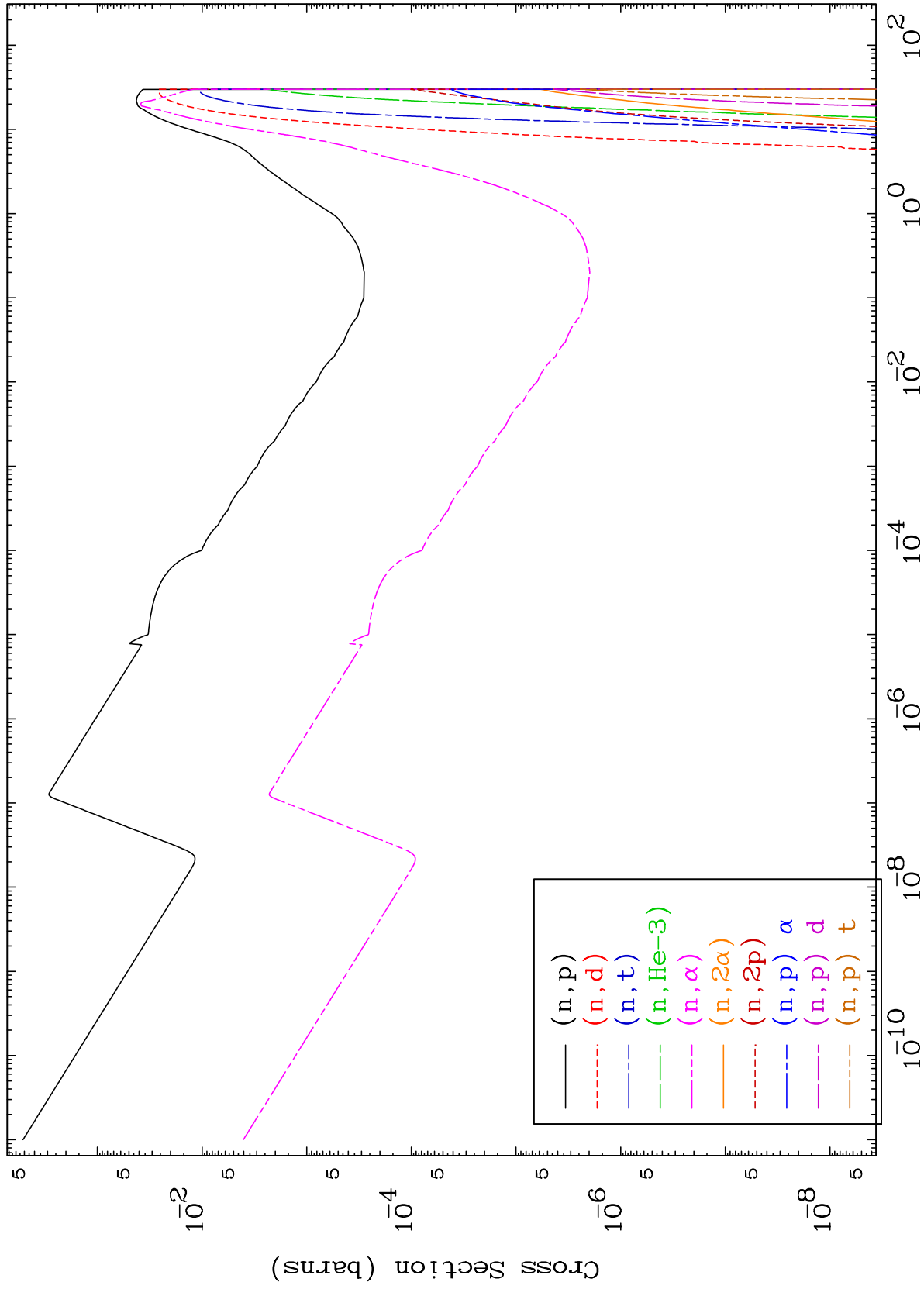
75-Re-177



MAT 7501

293 Kelvin Cross Sections

75-Re-177



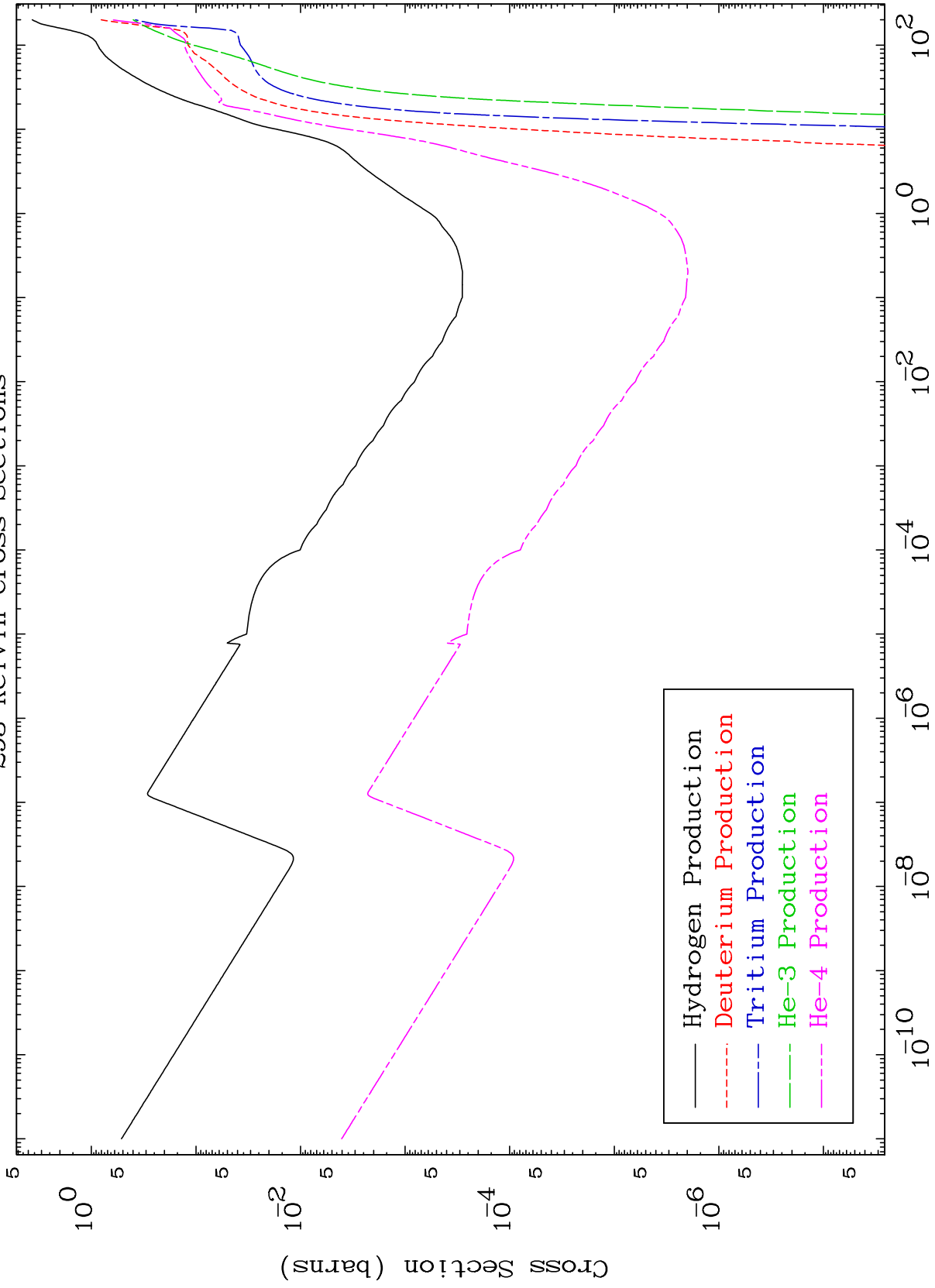
5

75-Re-177

MAT 7501

Particle Production  
293 Kelvin Cross Sections

75-Re-177



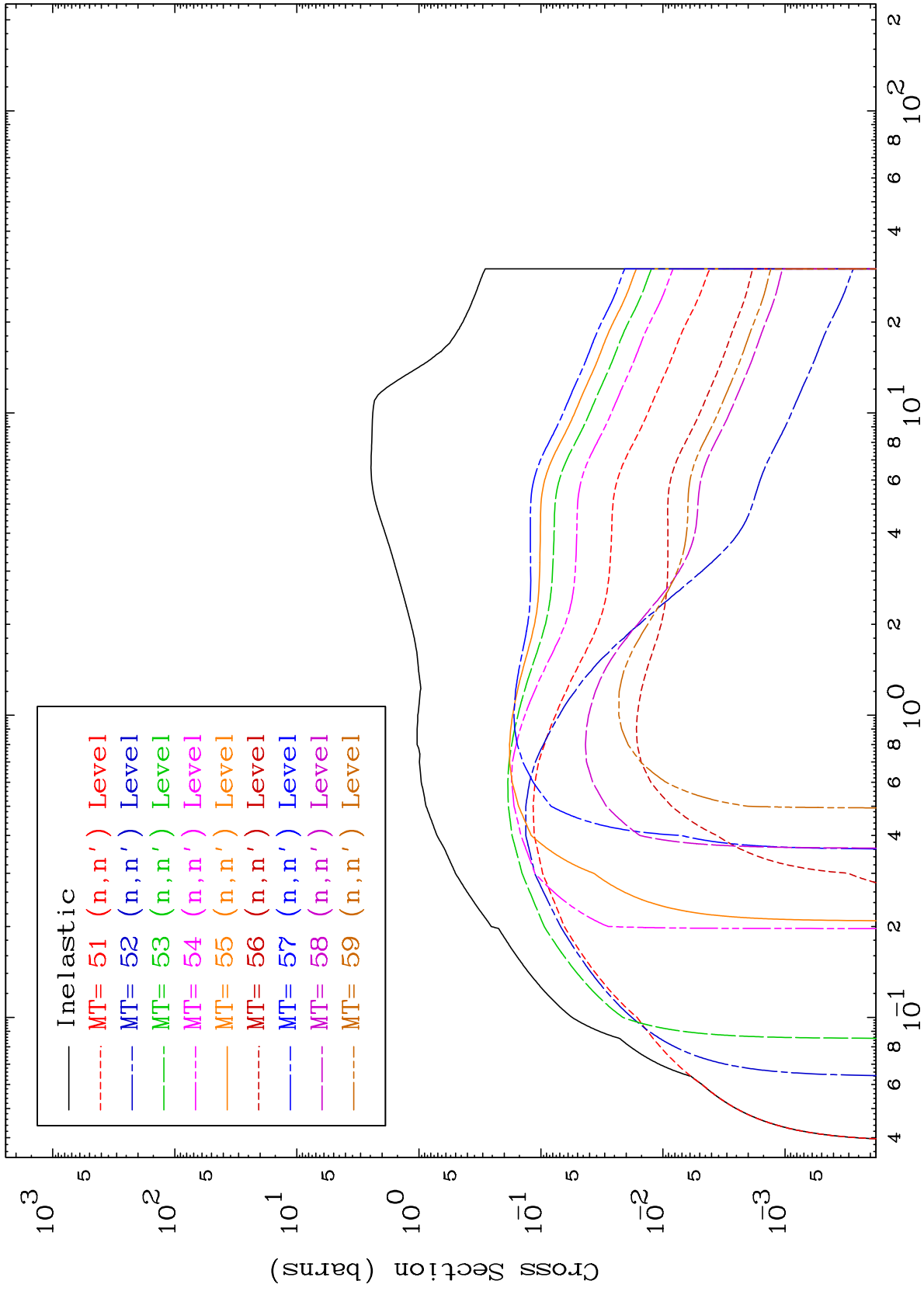
6

75-Re-177

MAT 7501

(n,n') Level  
293 Kelvin Cross Sections

75-Re-177



7

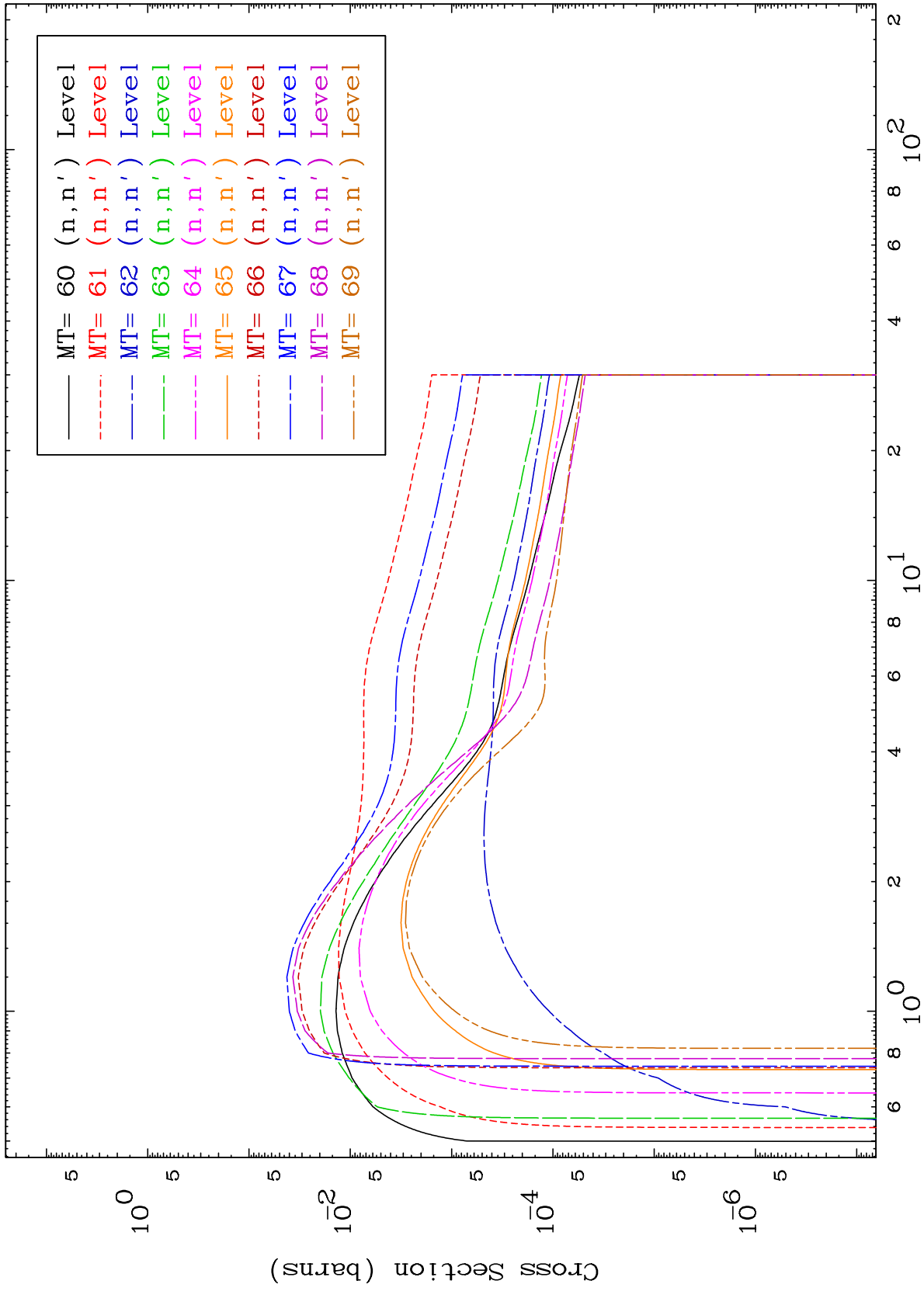
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MAT 7501

(n,n') Level  
293 Kelvin Cross Sections

75-Re-177



8

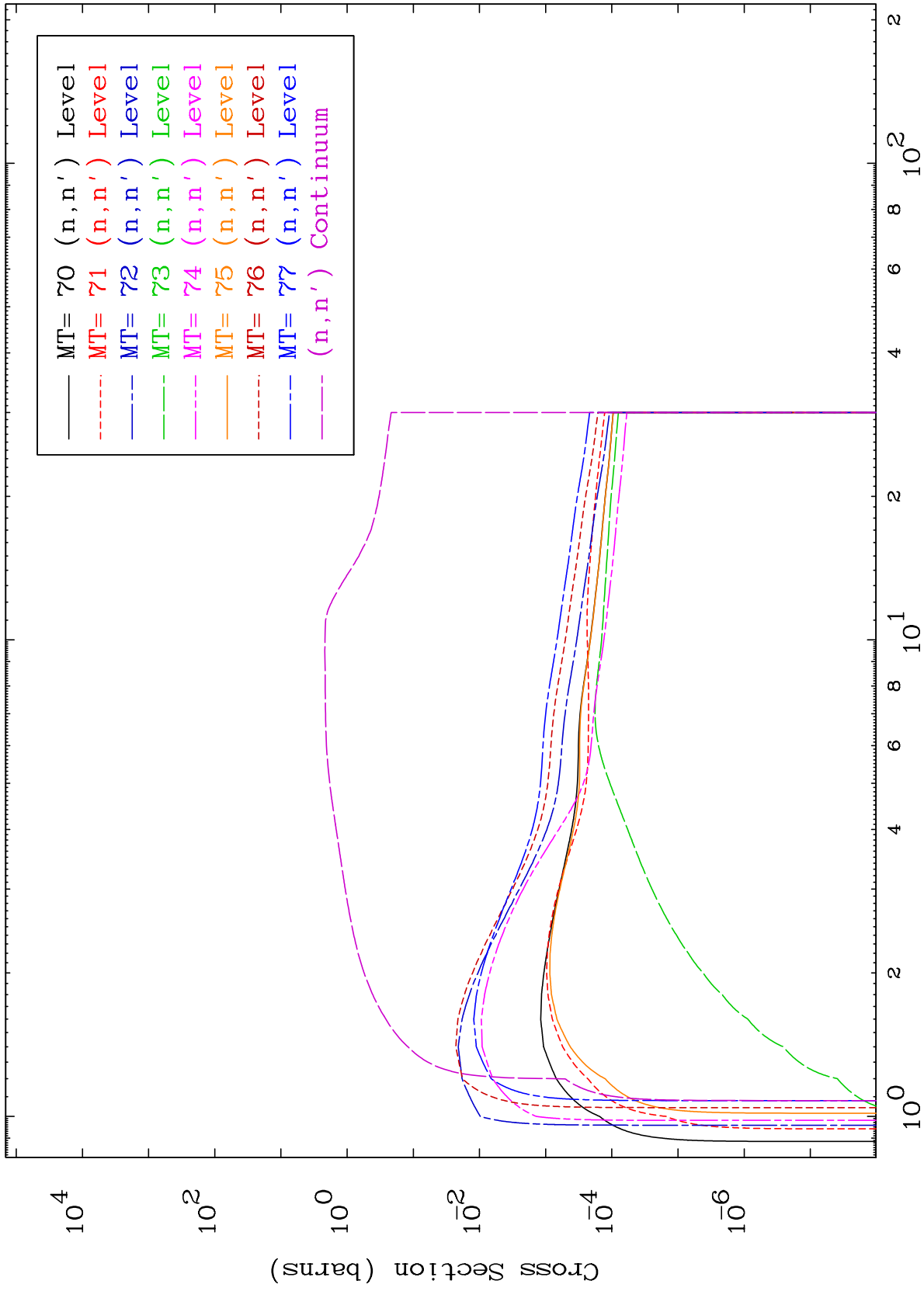
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,n') Level  
293 Kelvin Cross Sections

75-Re-177



9

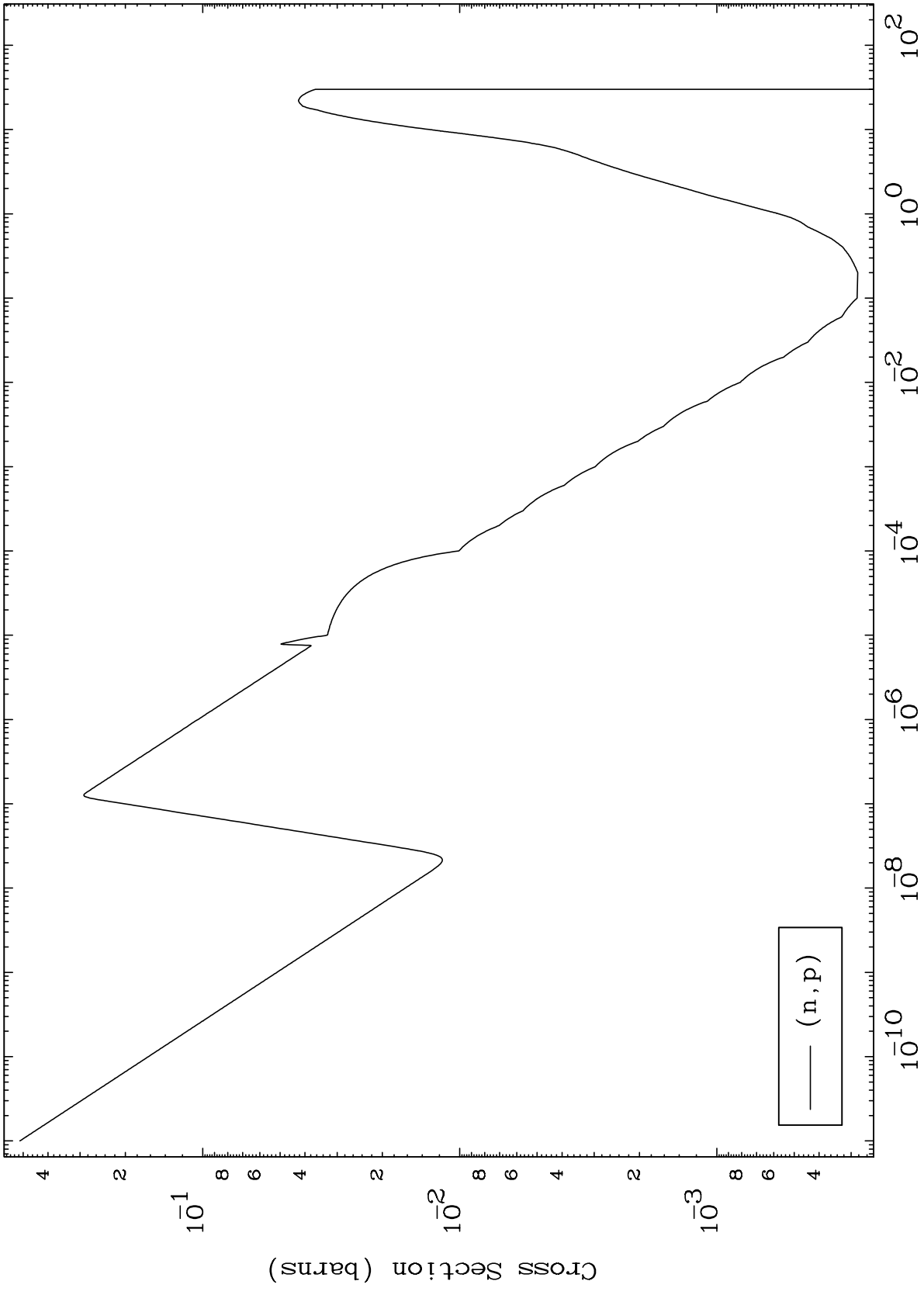
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,p) Levels  
293 Kelvin Cross Sections

75-Re-177



10

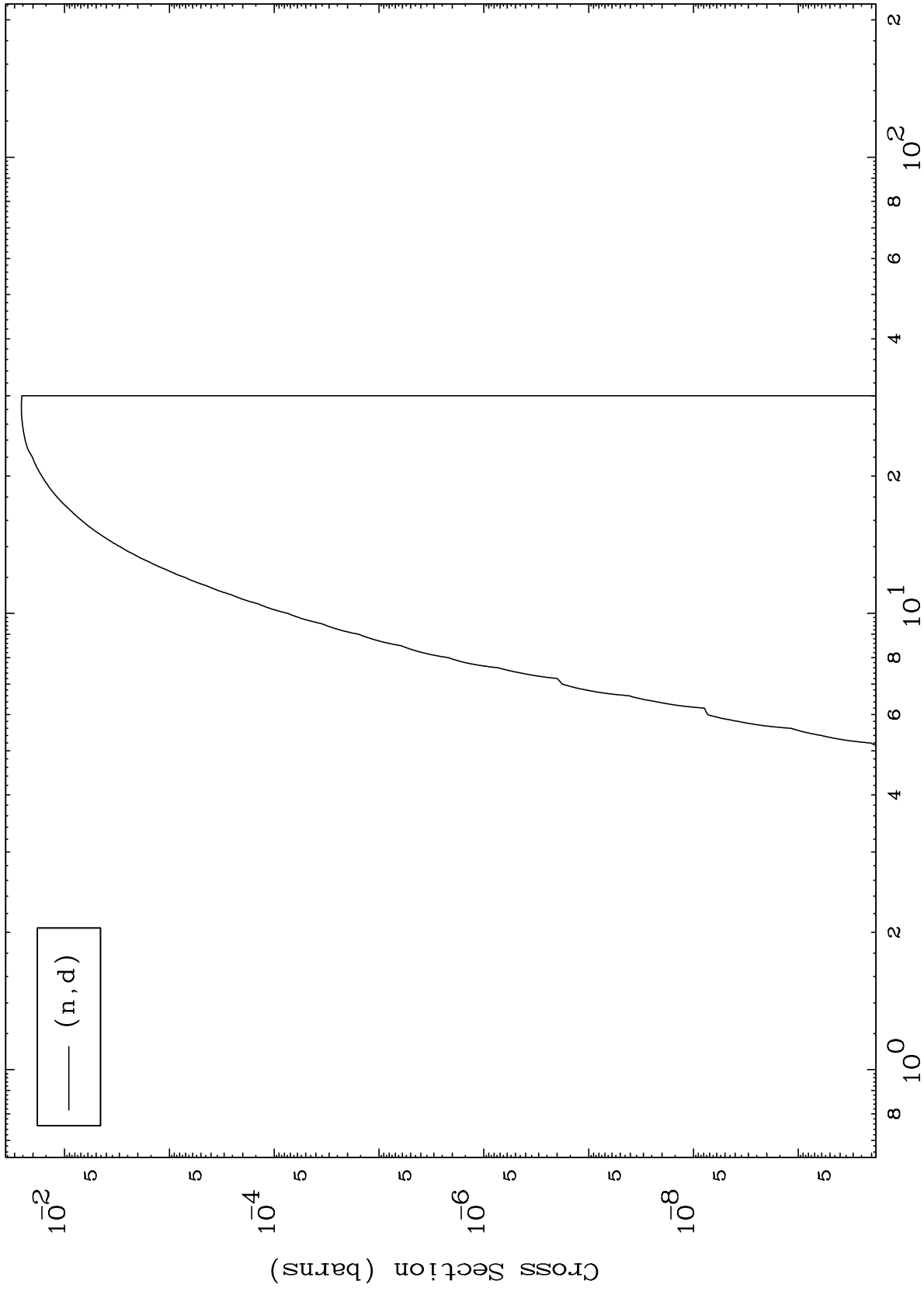
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,d) Levels  
293 Kelvin Cross Sections

75-Re-177



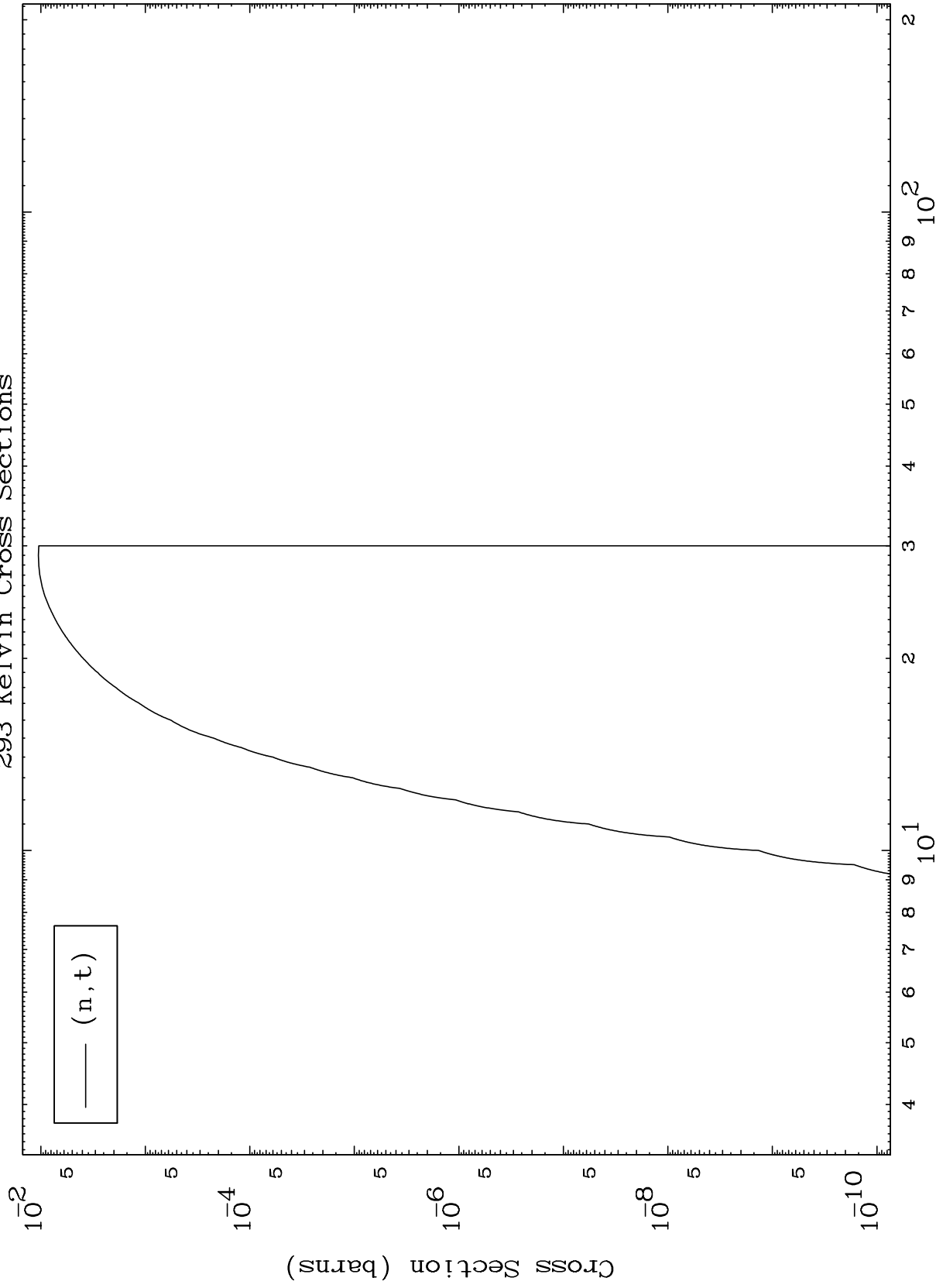
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75-Re-177

MAT 7501

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-177



12

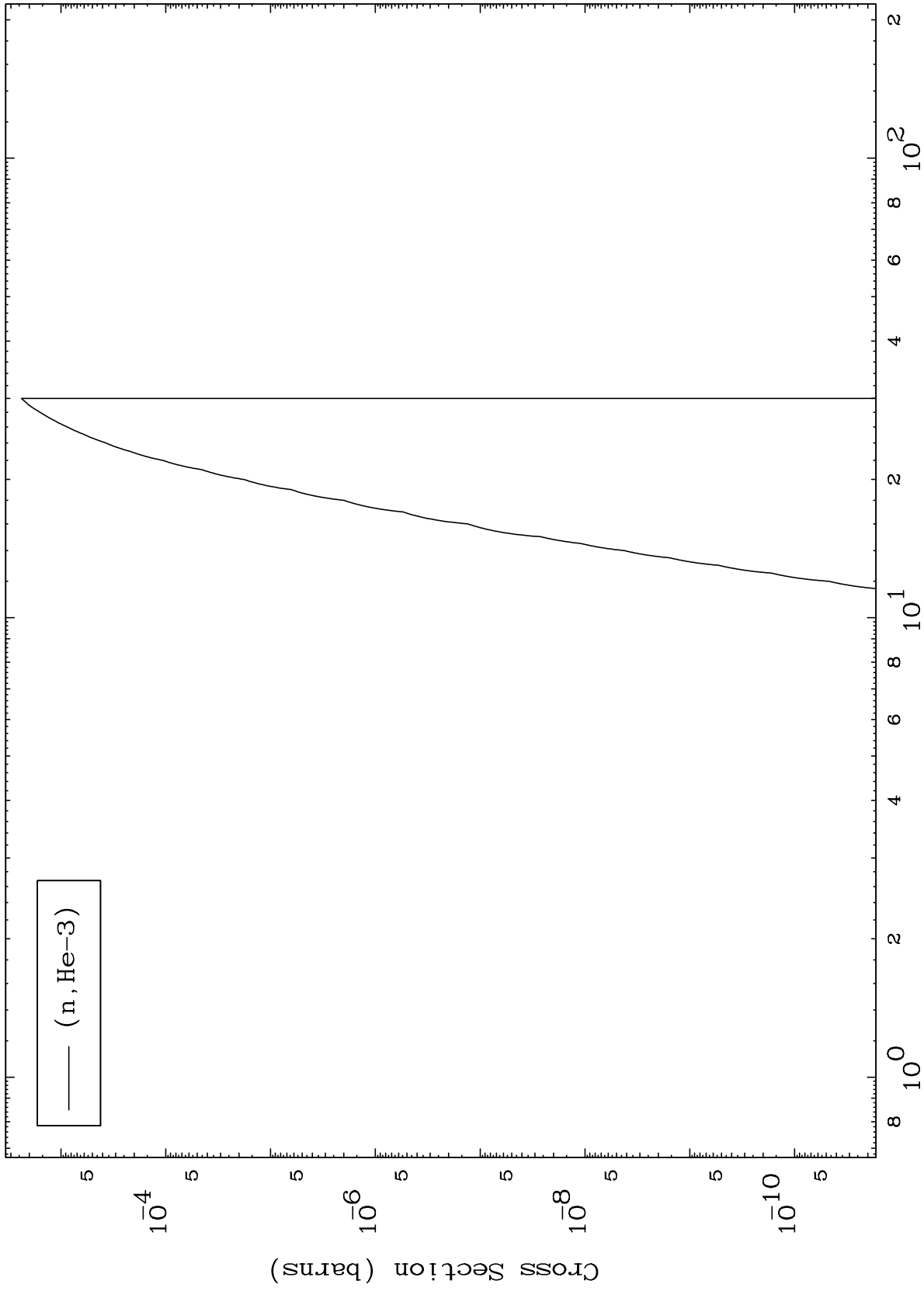
Incident Energy (MeV)

75-Re-177

MAT 7501

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-177



13

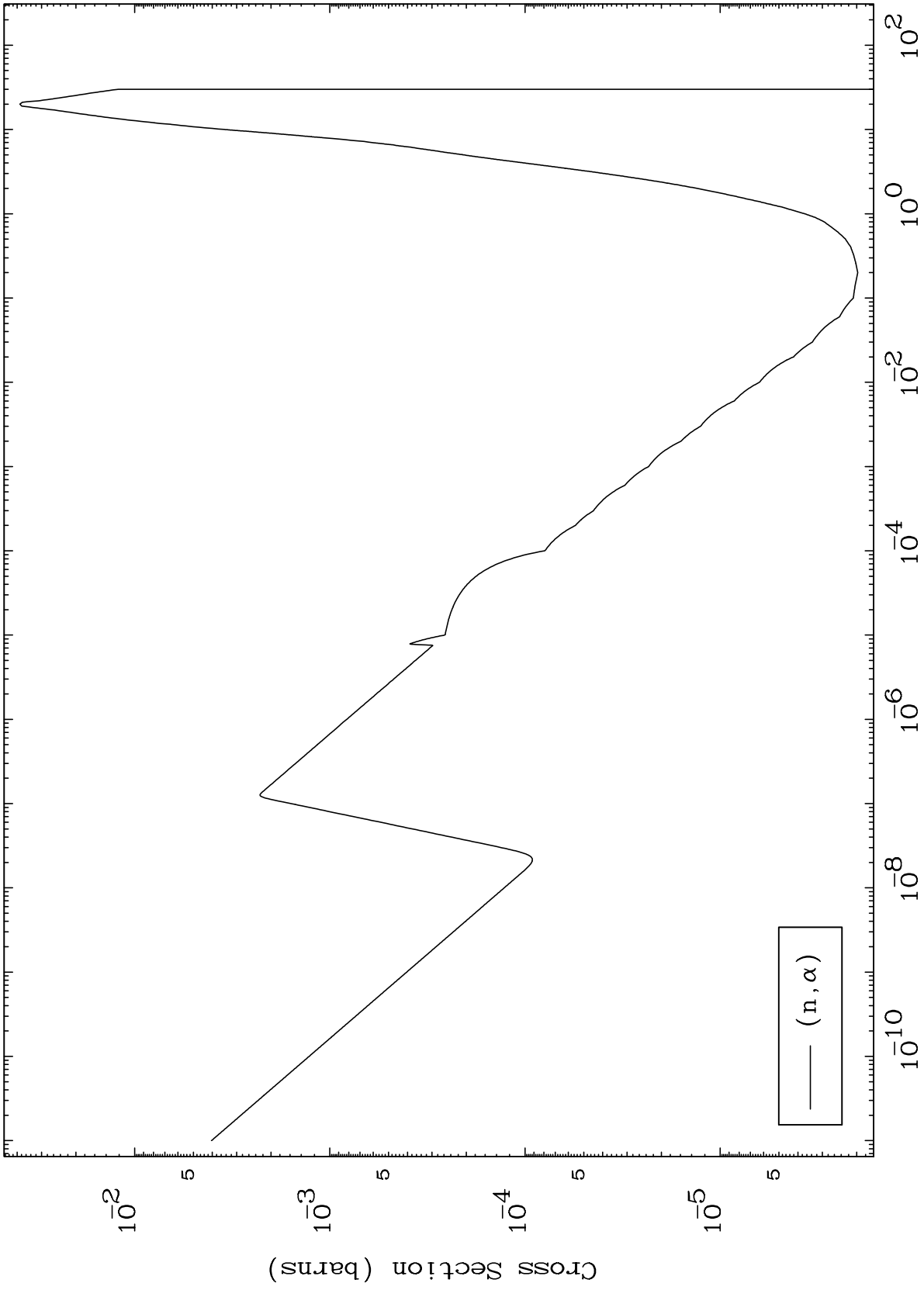
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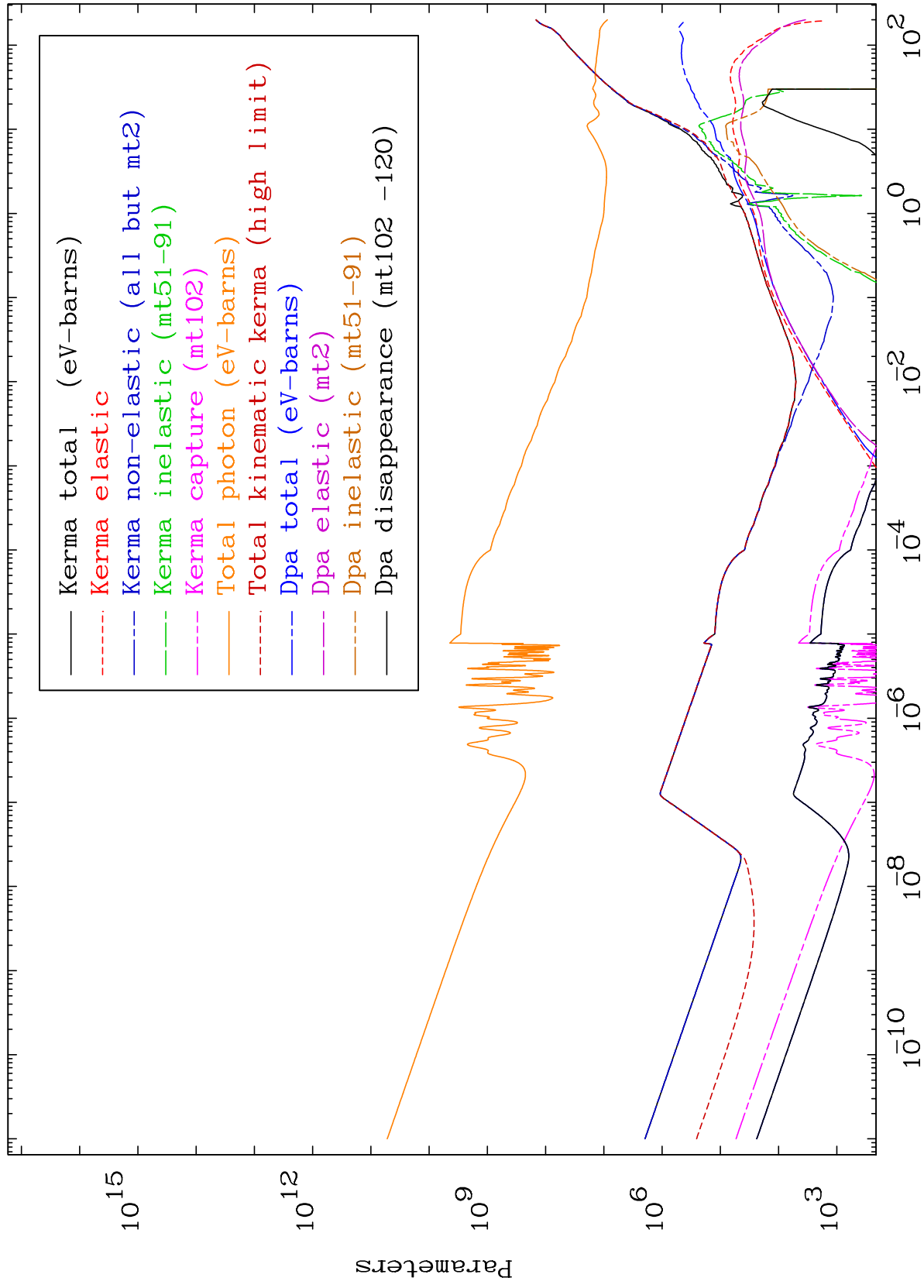
75-Re-177

MAT 7501

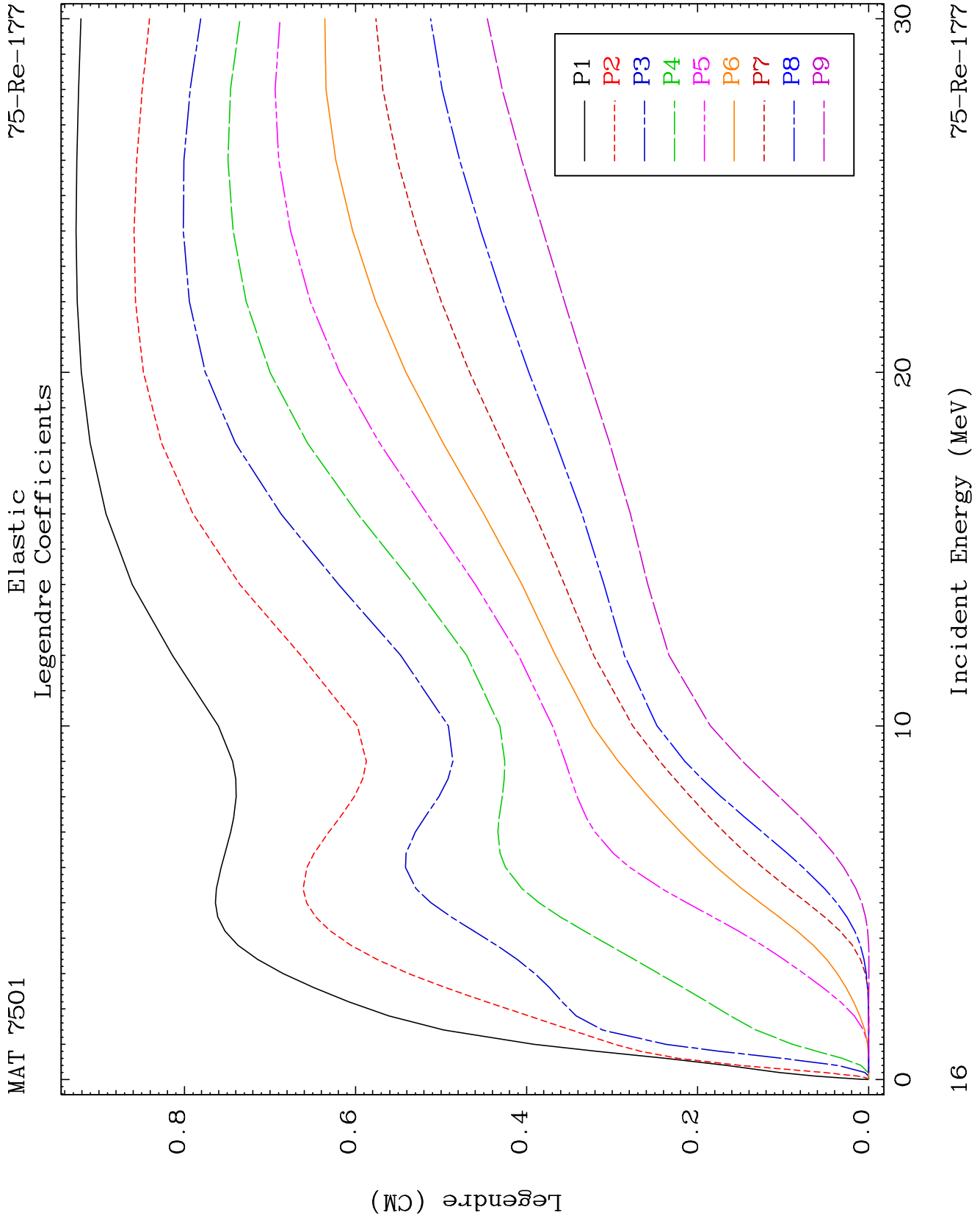
(n,α) Levels  
293 Kelvin Cross Sections

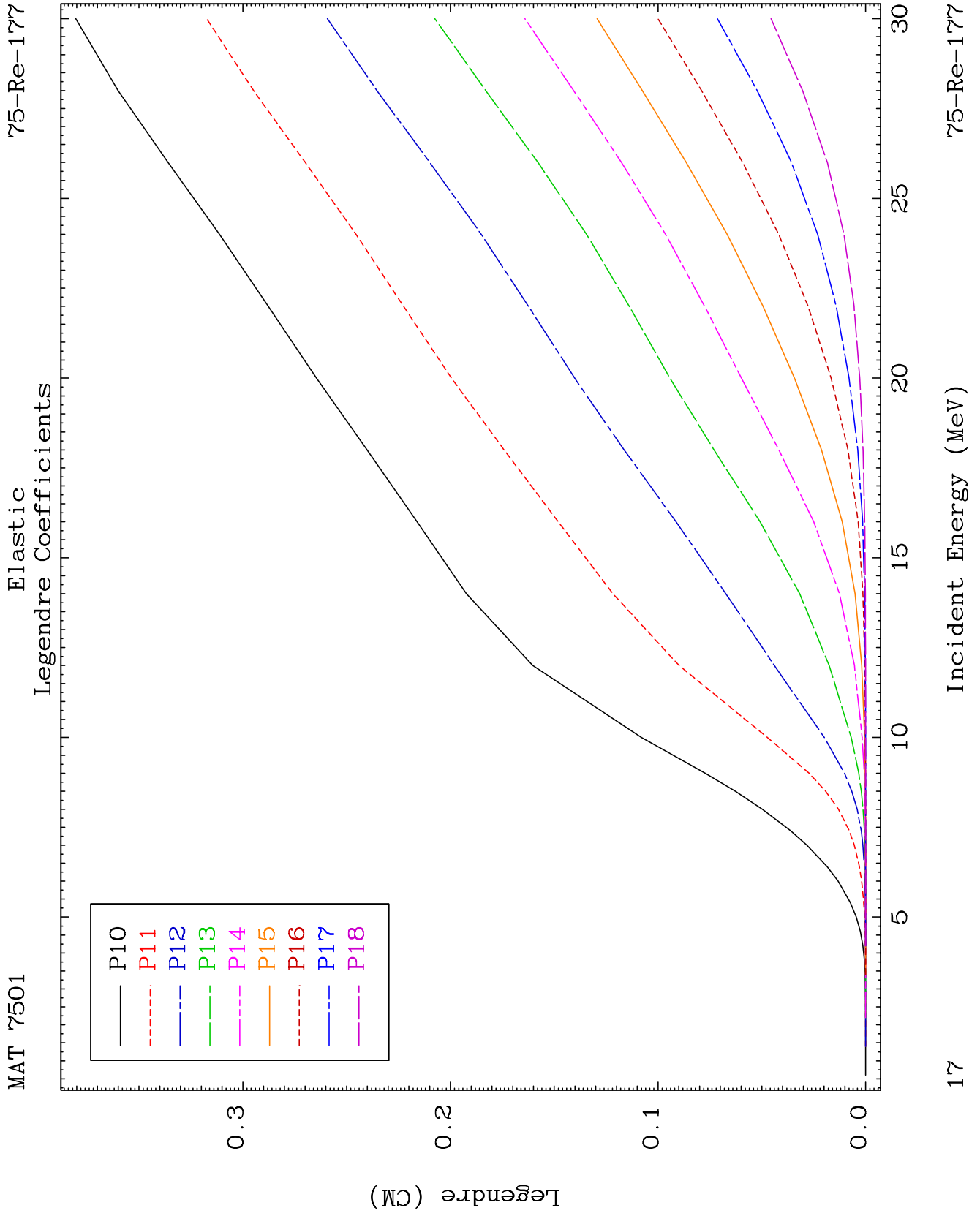
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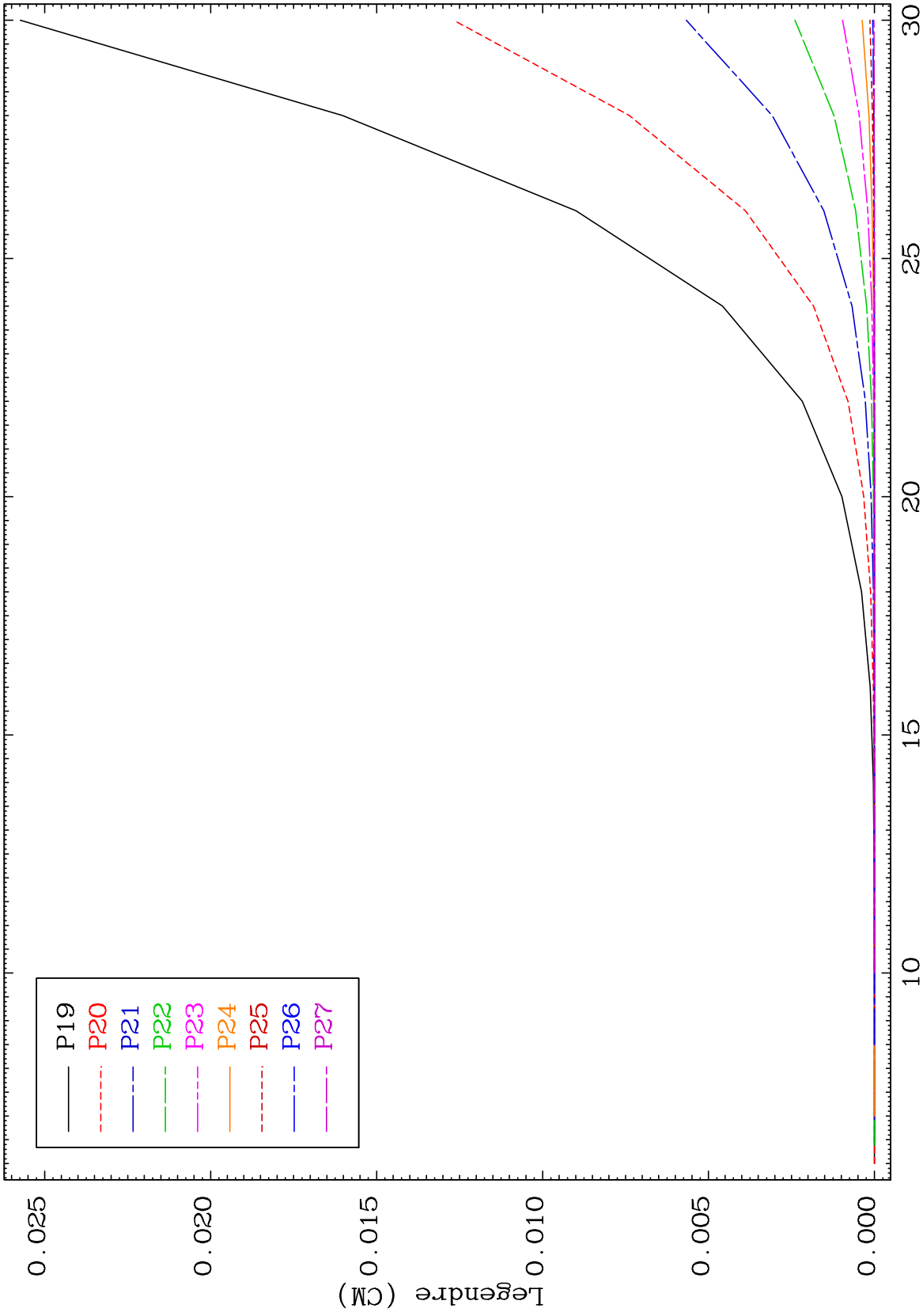




MAT 7501

Elastic Legendre Coefficients

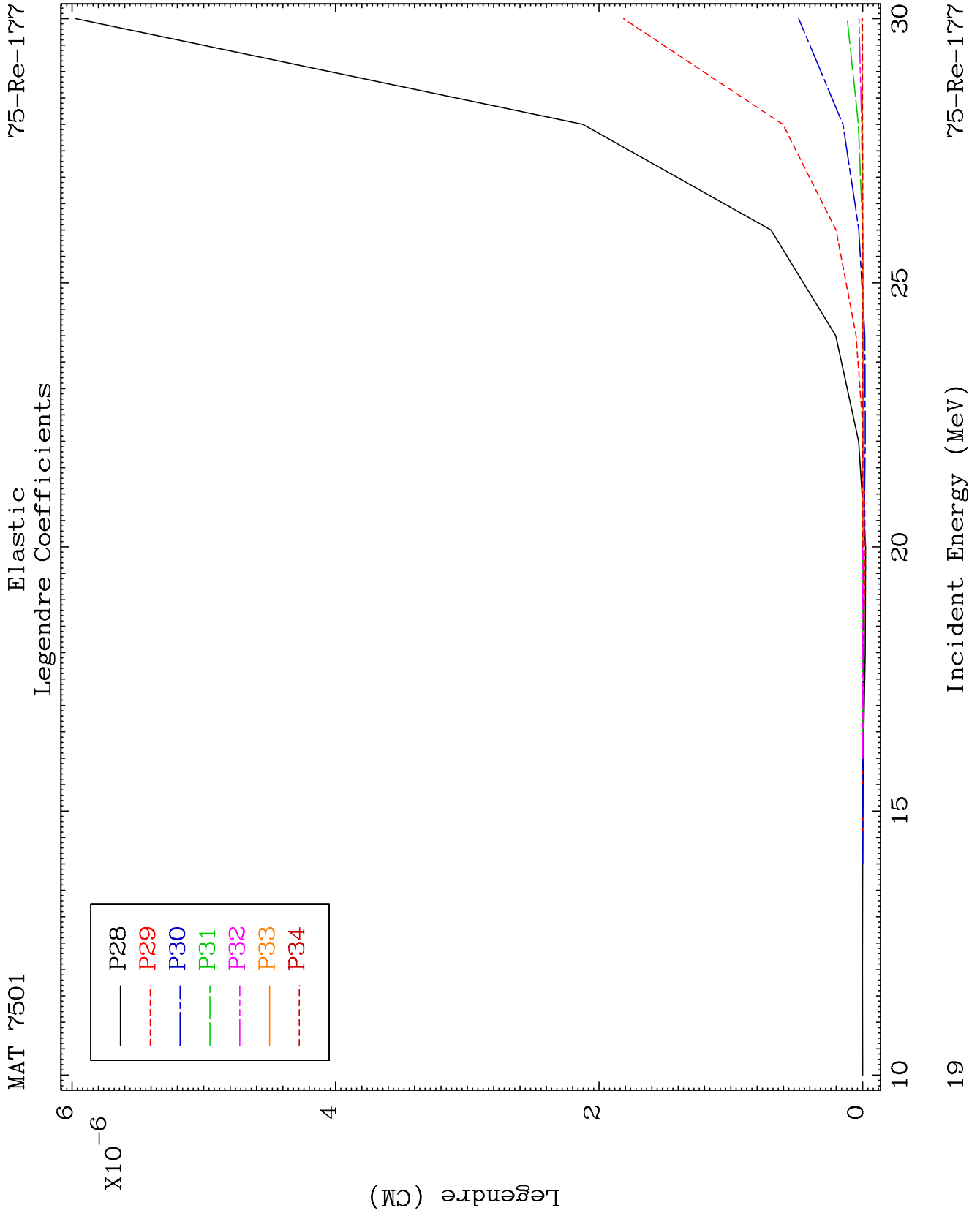
75-Re-177



18

Incident Energy (MeV)

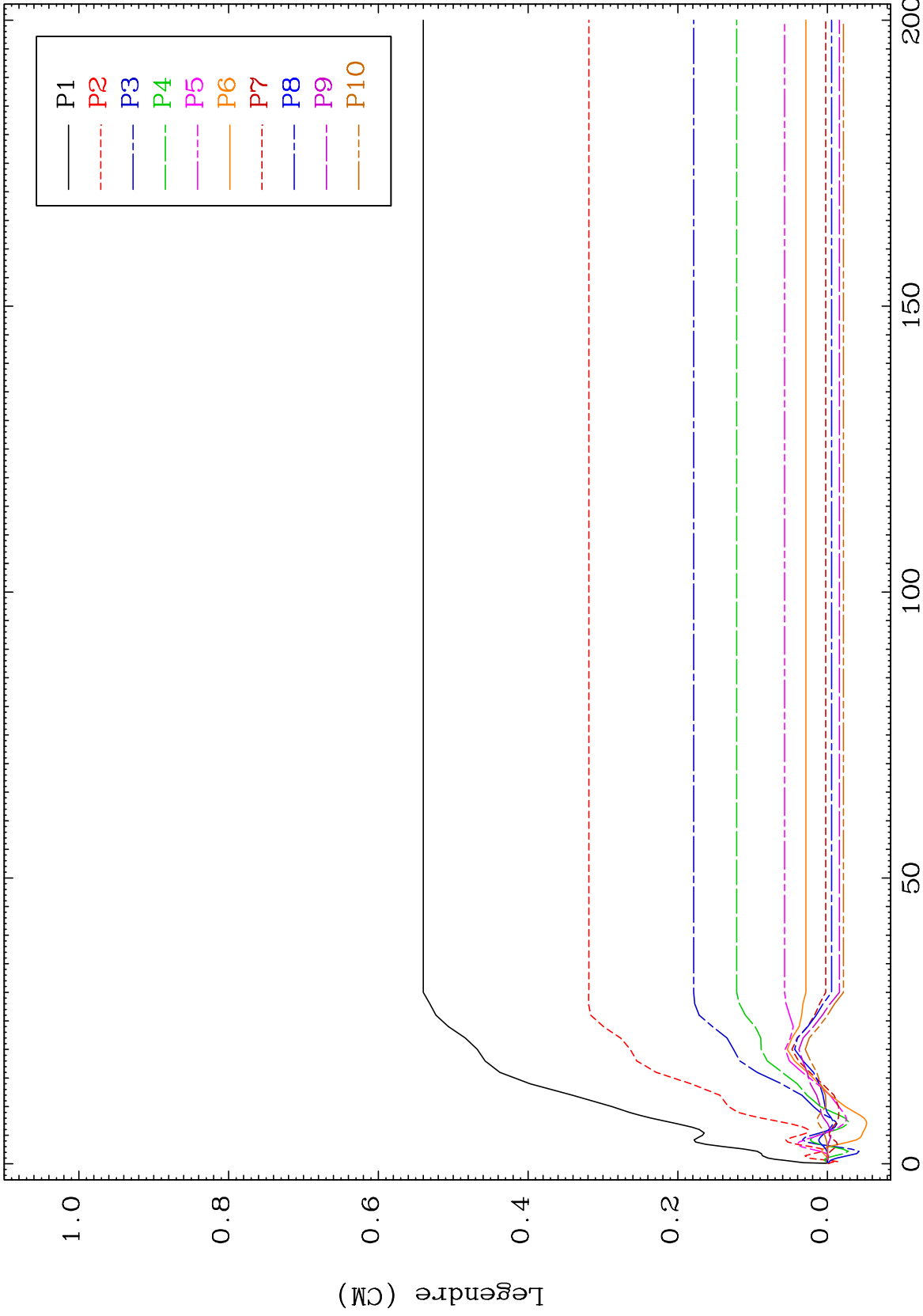
75-Re-177



MAT 7501

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

75-Re-177



75-Re-177

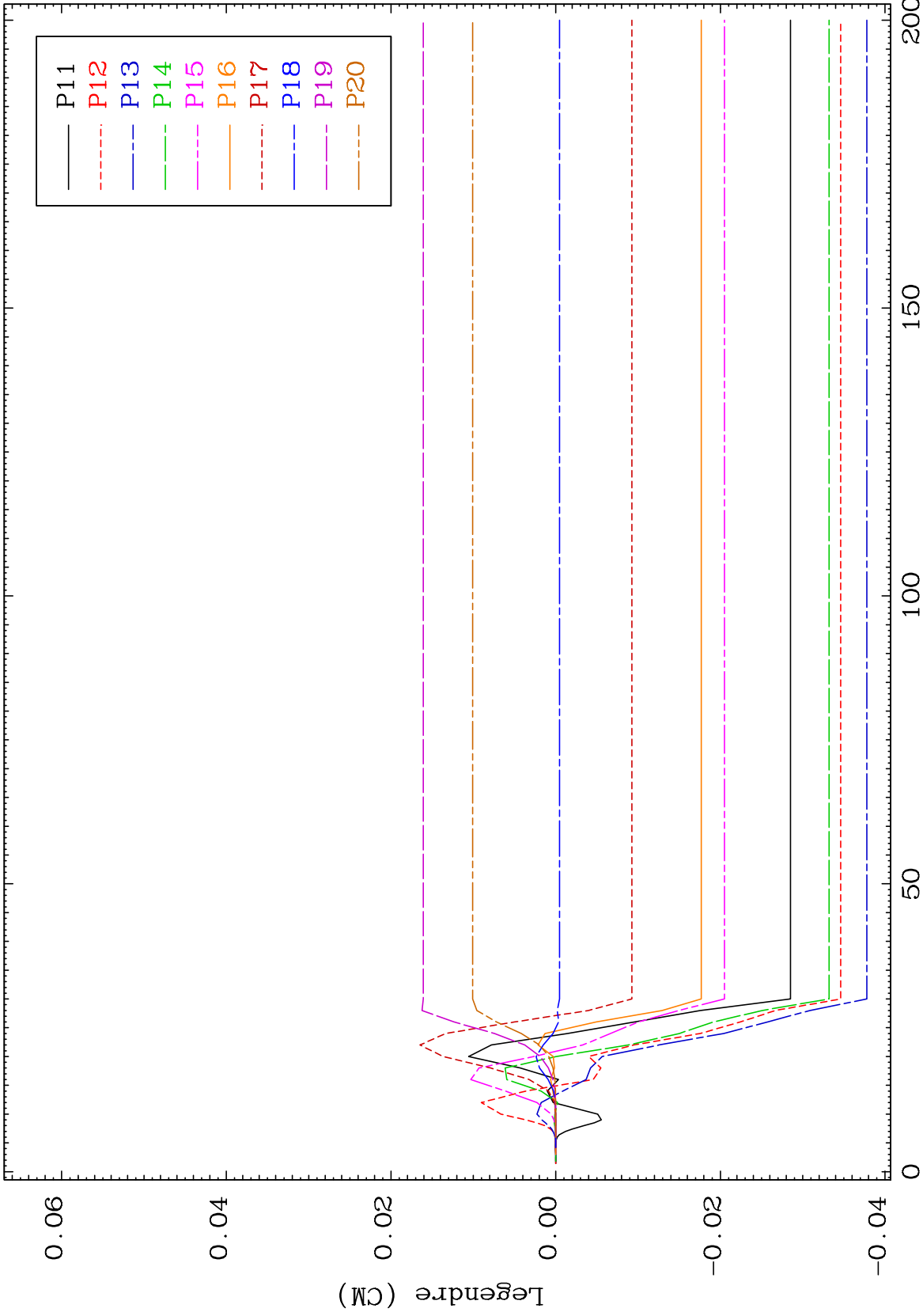
Incident Energy (MeV)

20

MAT 7501

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

75-Re-177



21

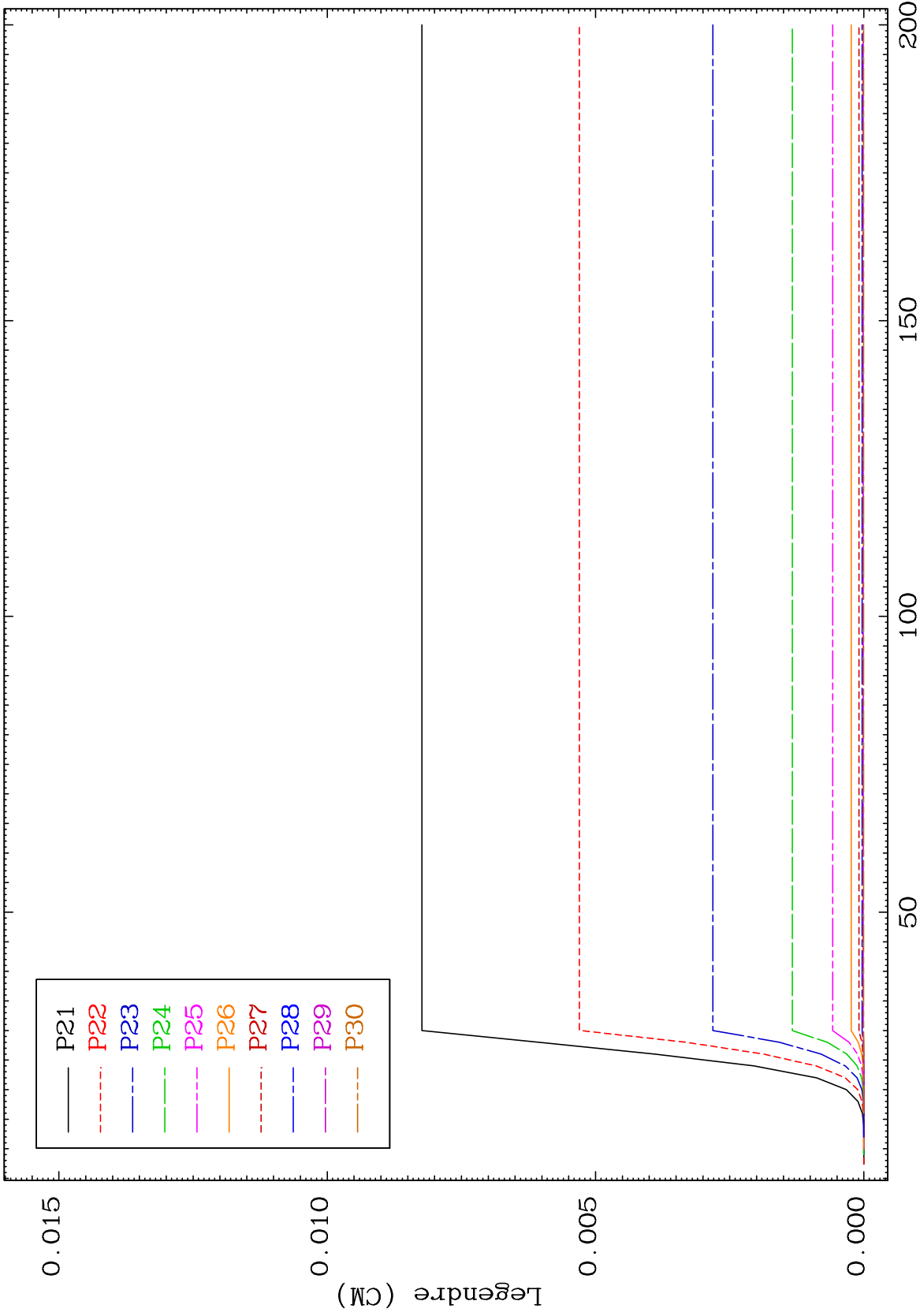
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



22

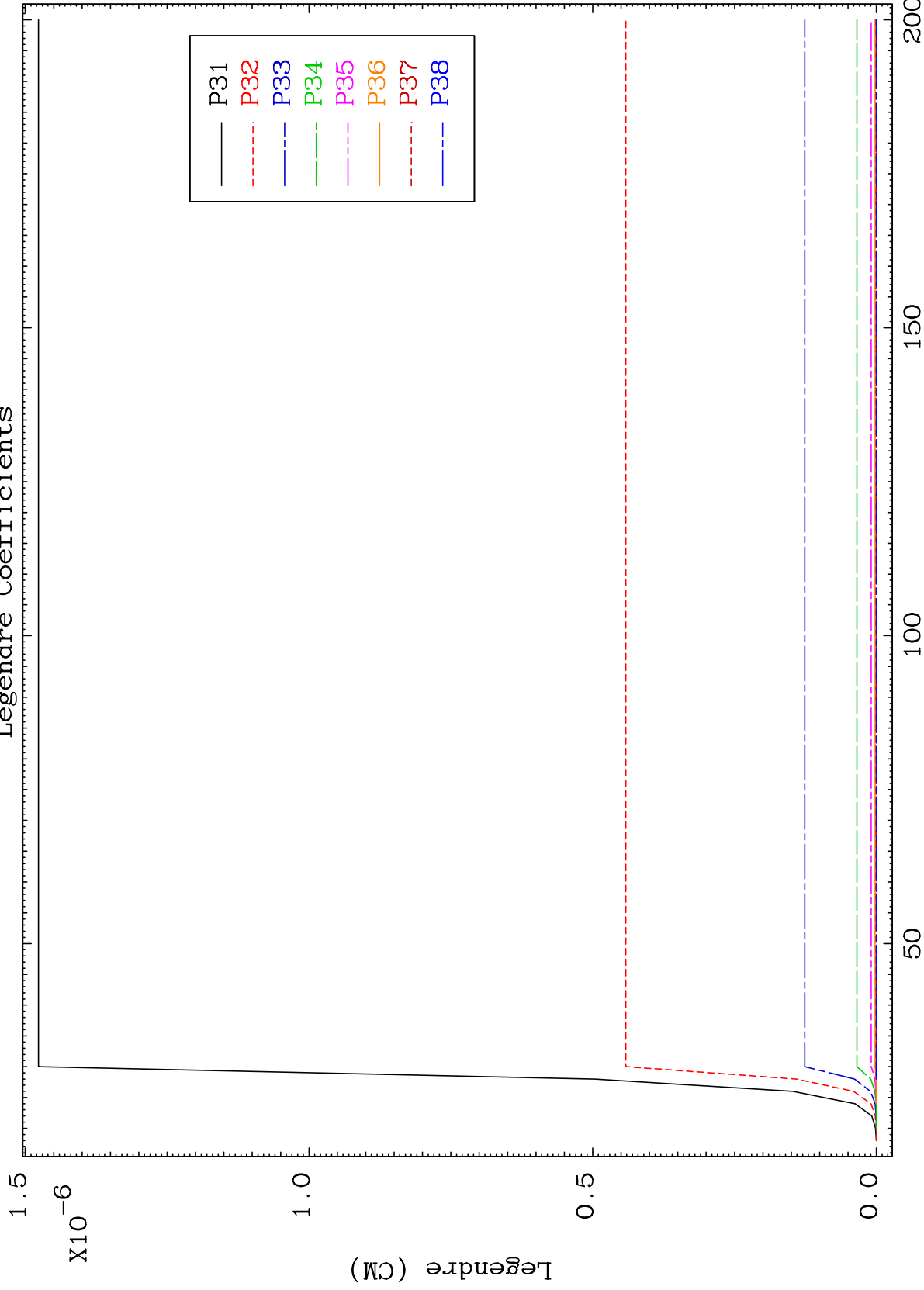
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



23

Incident Energy (MeV)

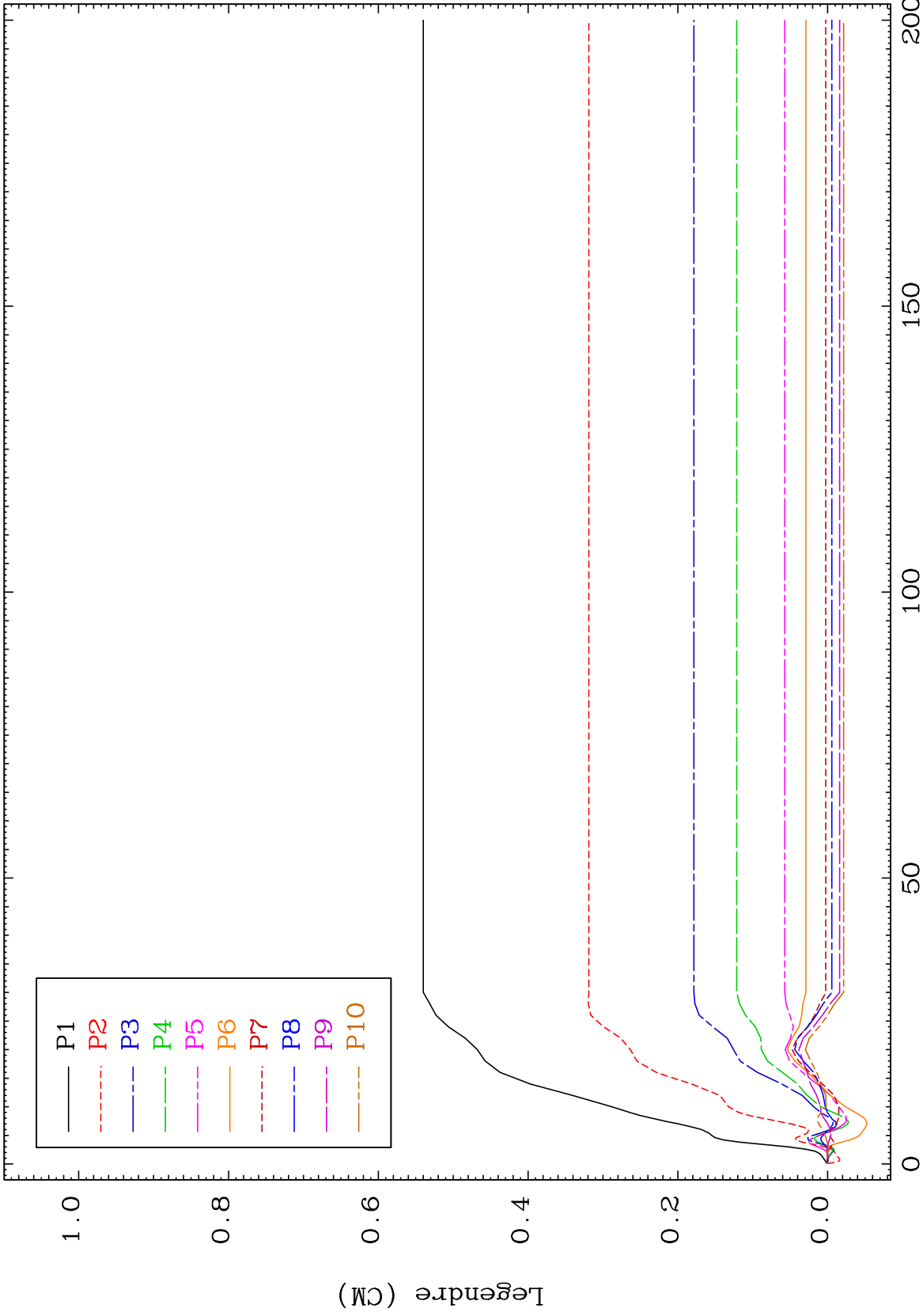
75-Re-177



MAT 7501

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

75-Re-177



24

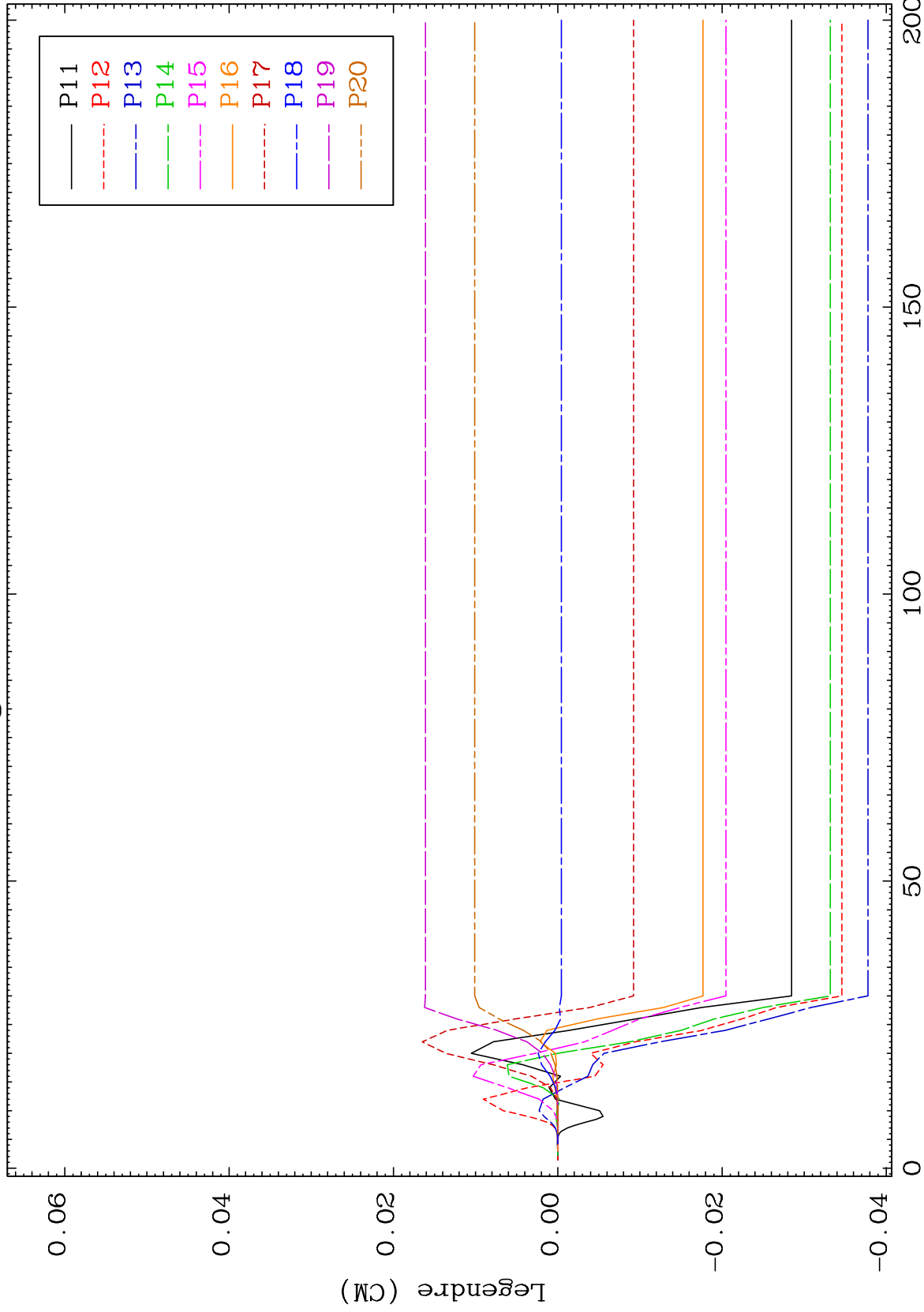
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



25

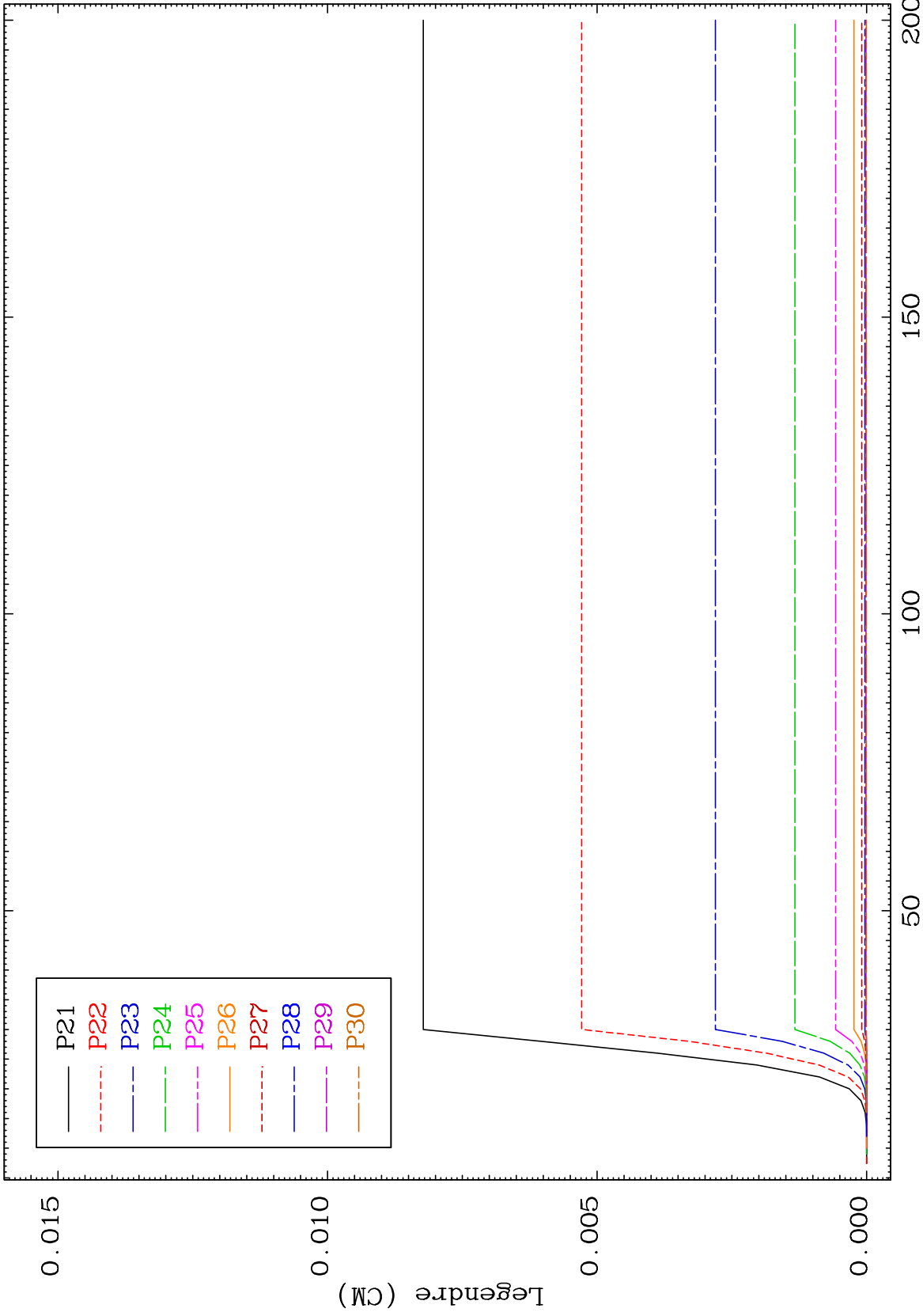
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



26

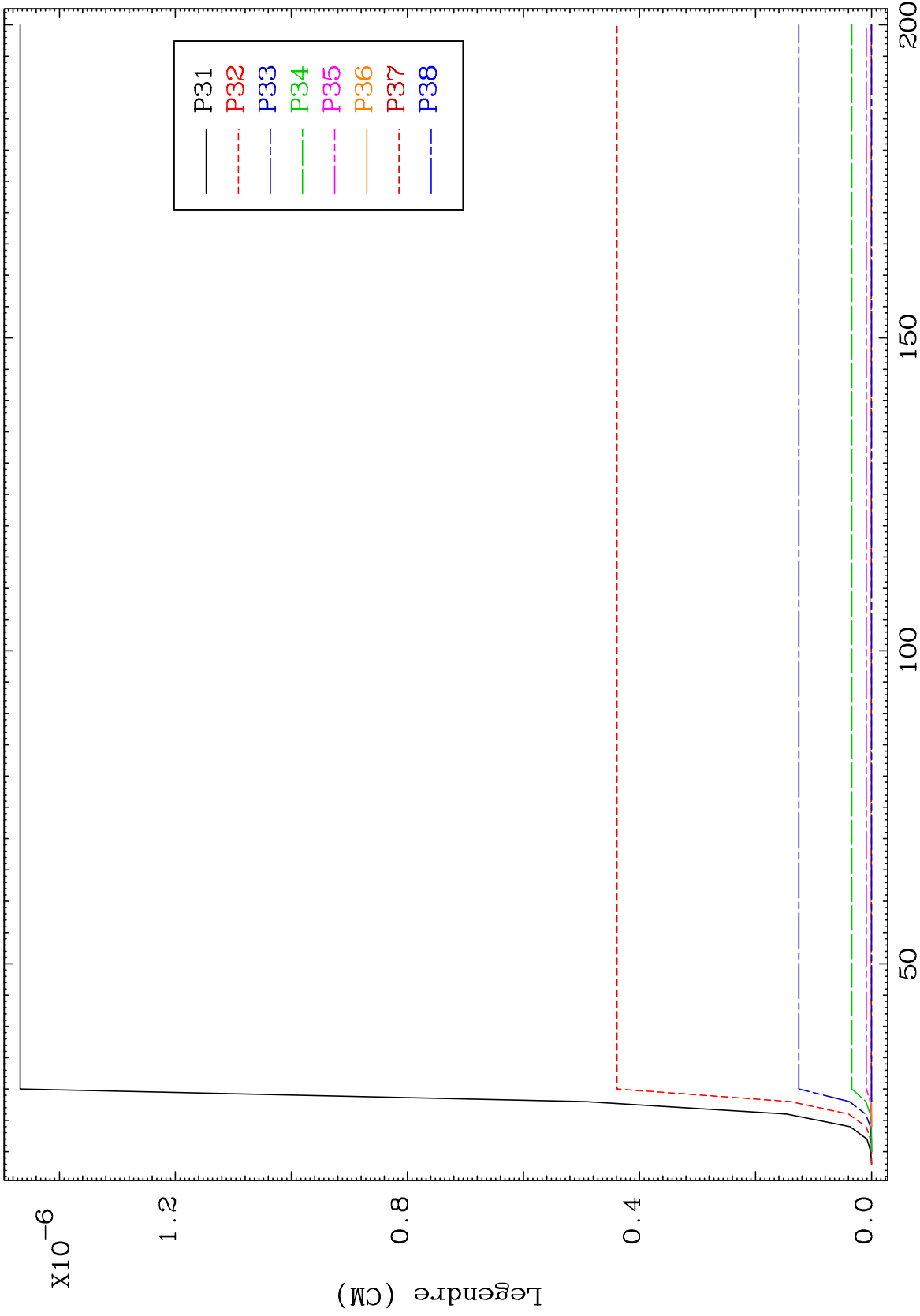
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



27

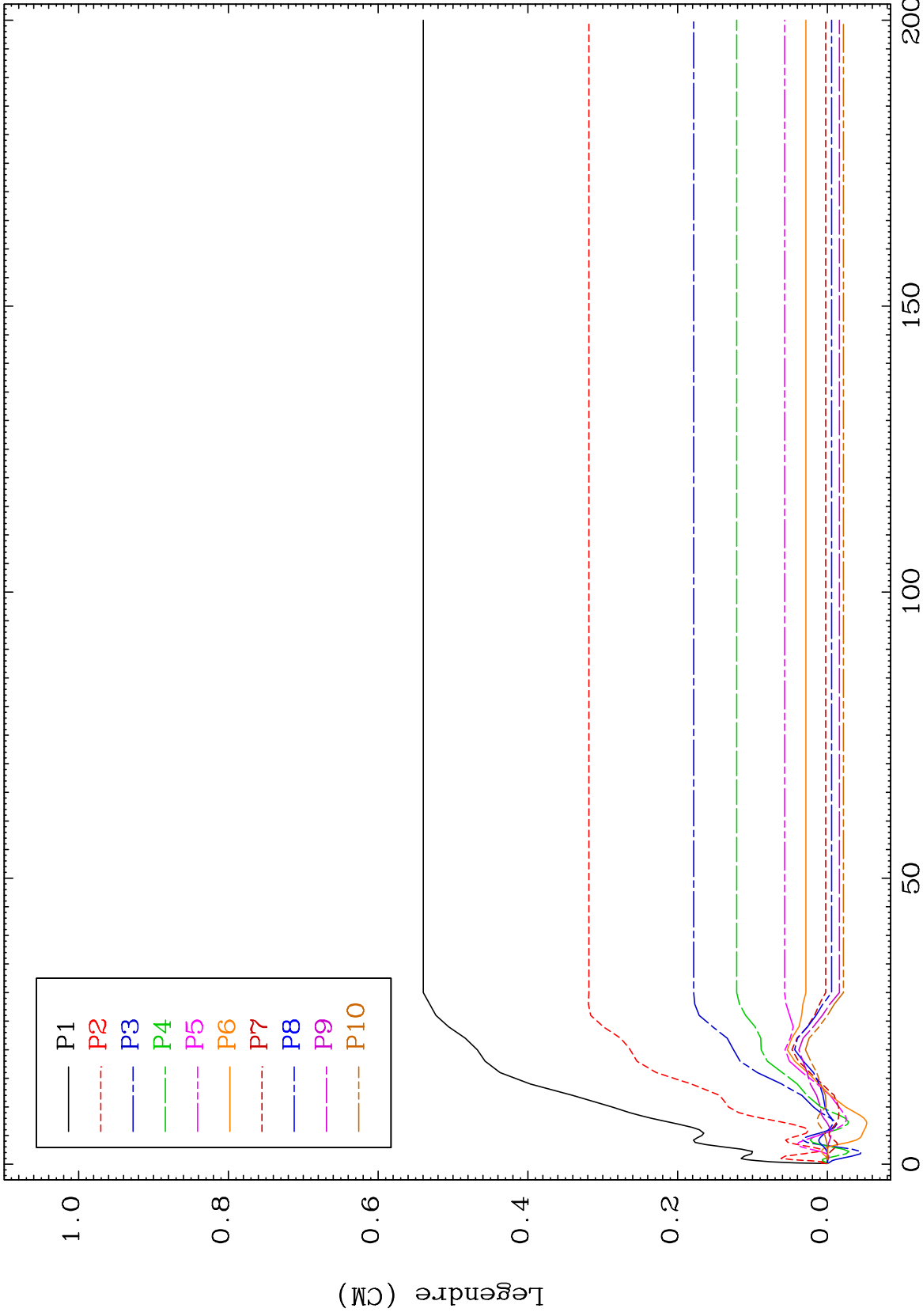
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



28

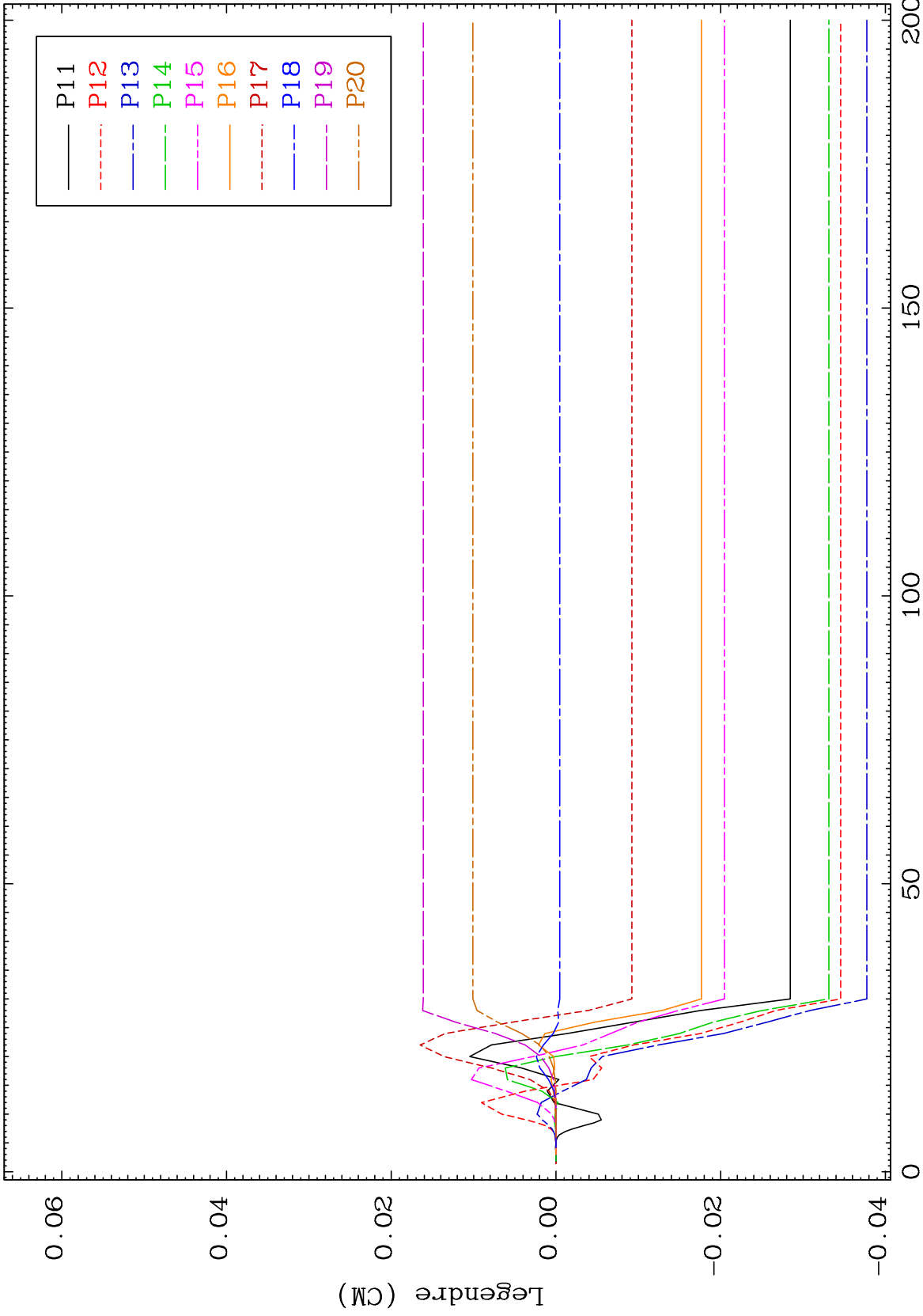
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



29

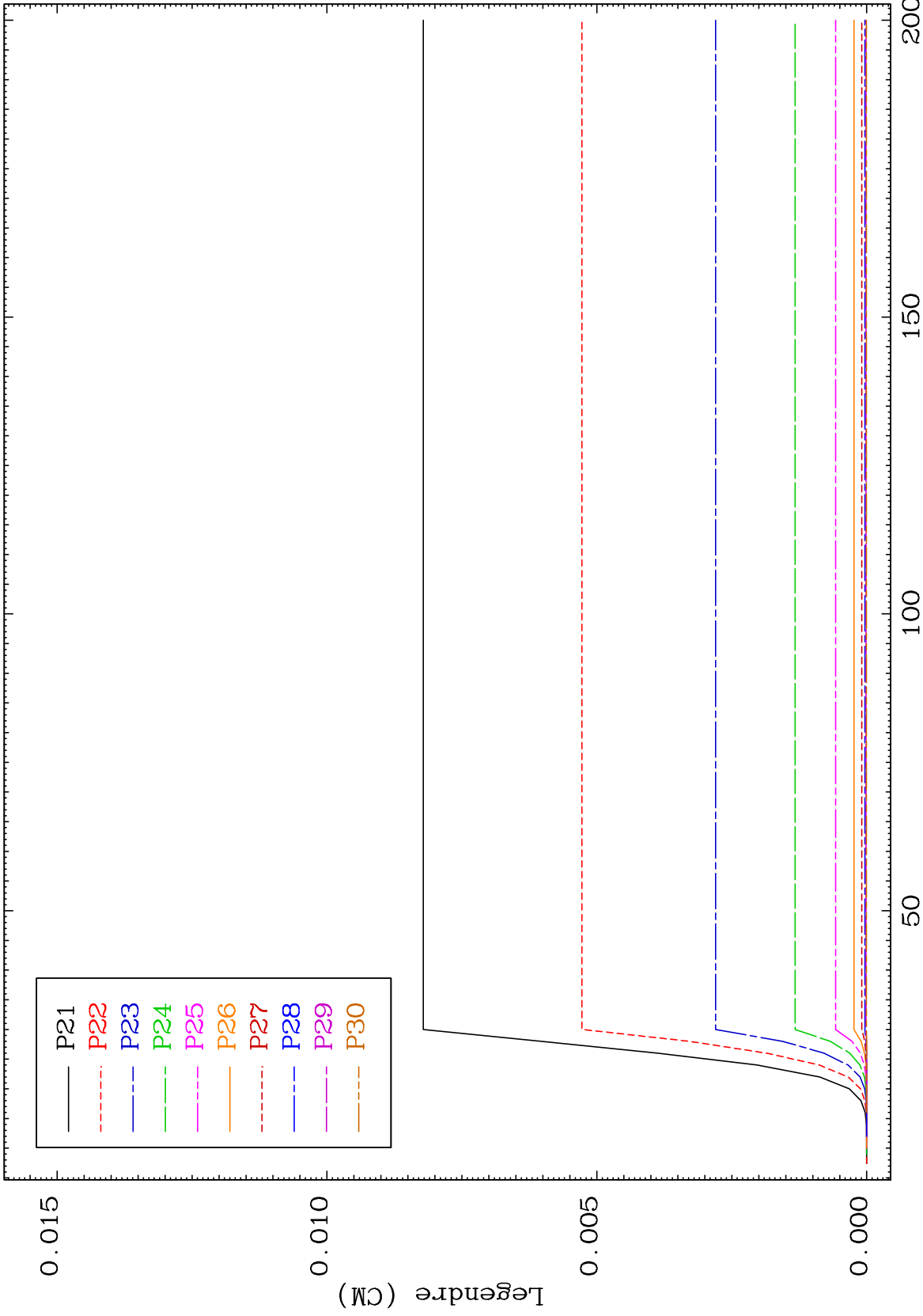
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



30

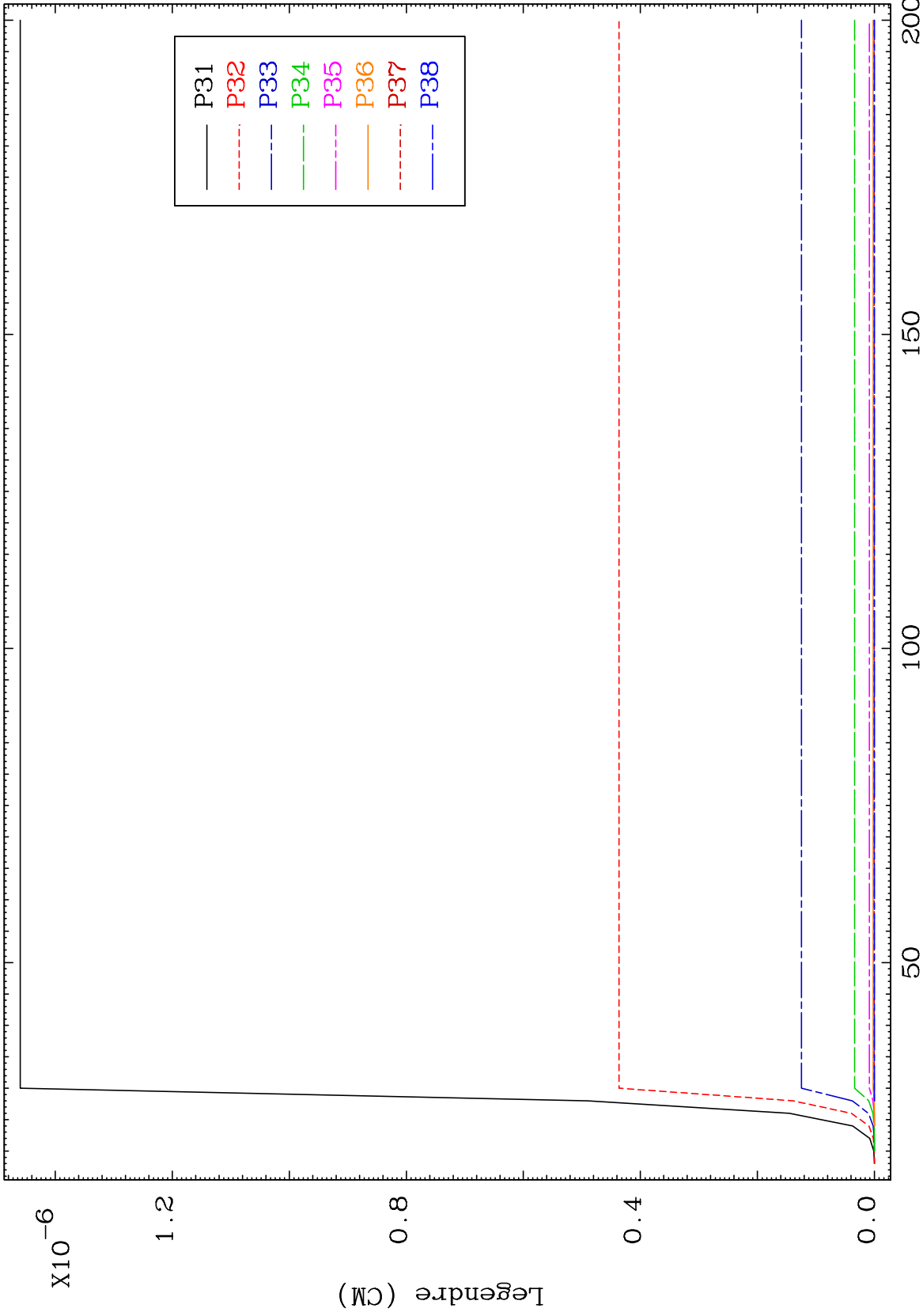
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



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Incident Energy (MeV)

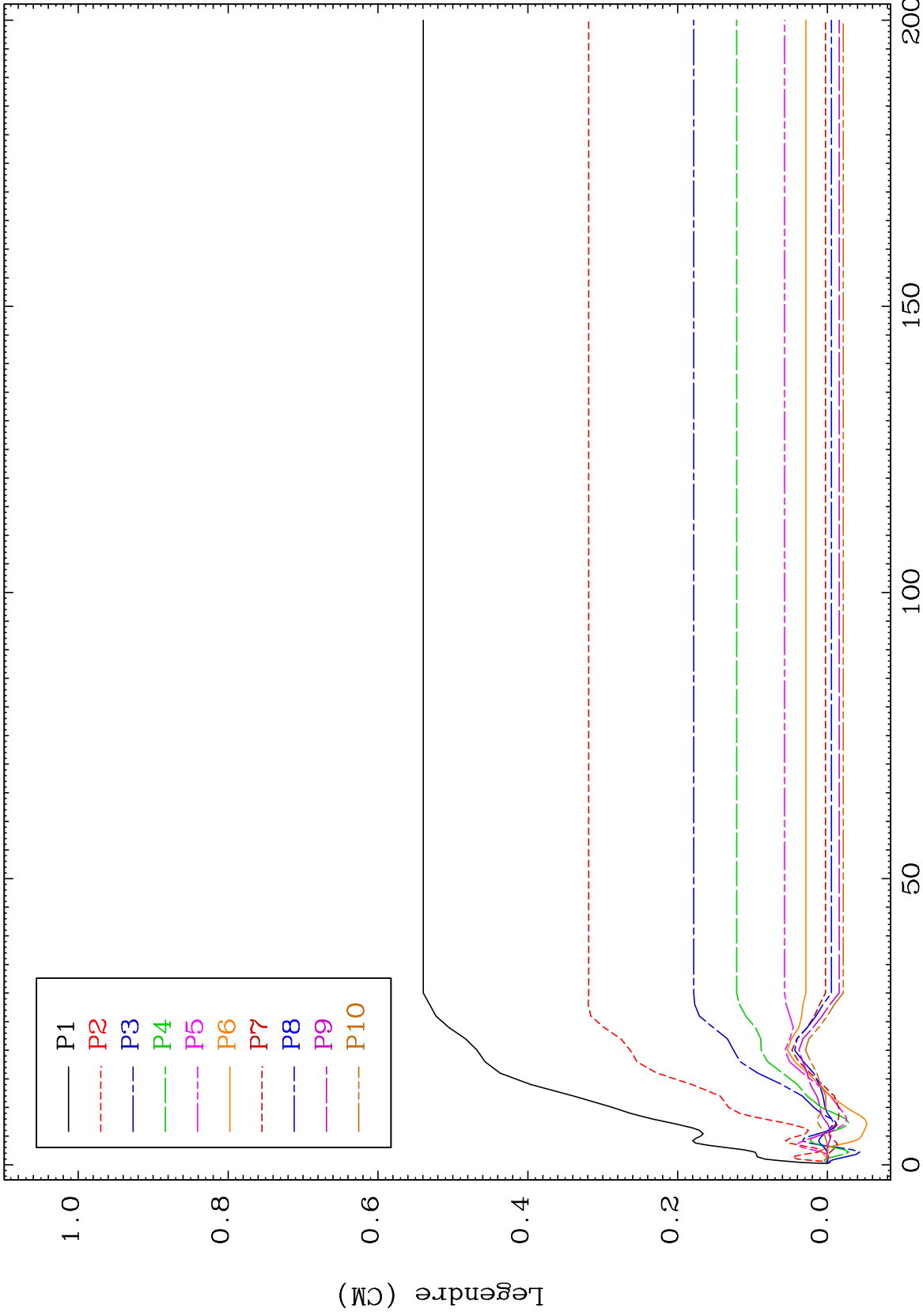
75-Re-177



MAT 7501

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

75-Re-177



32

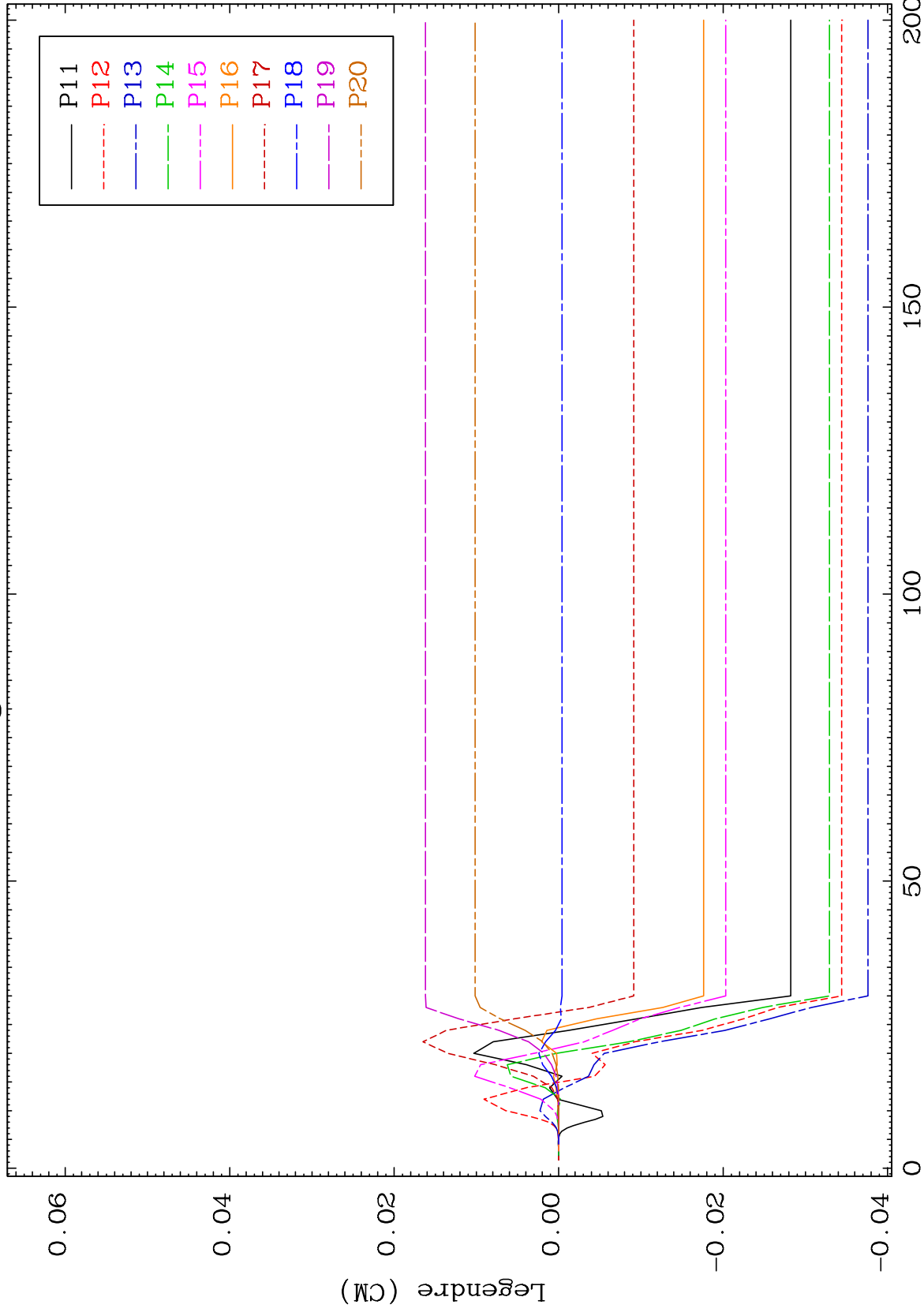
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



33

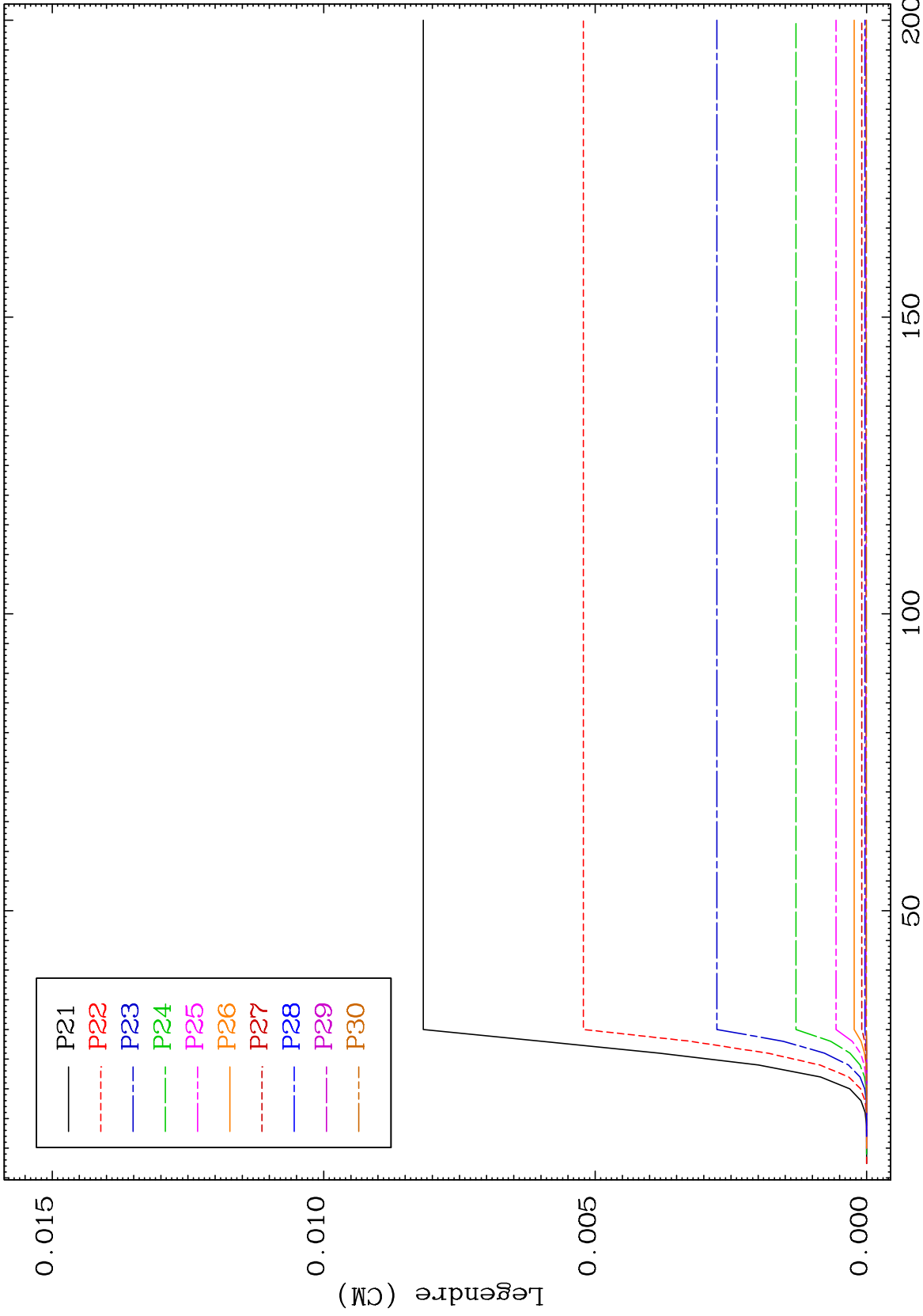
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



34

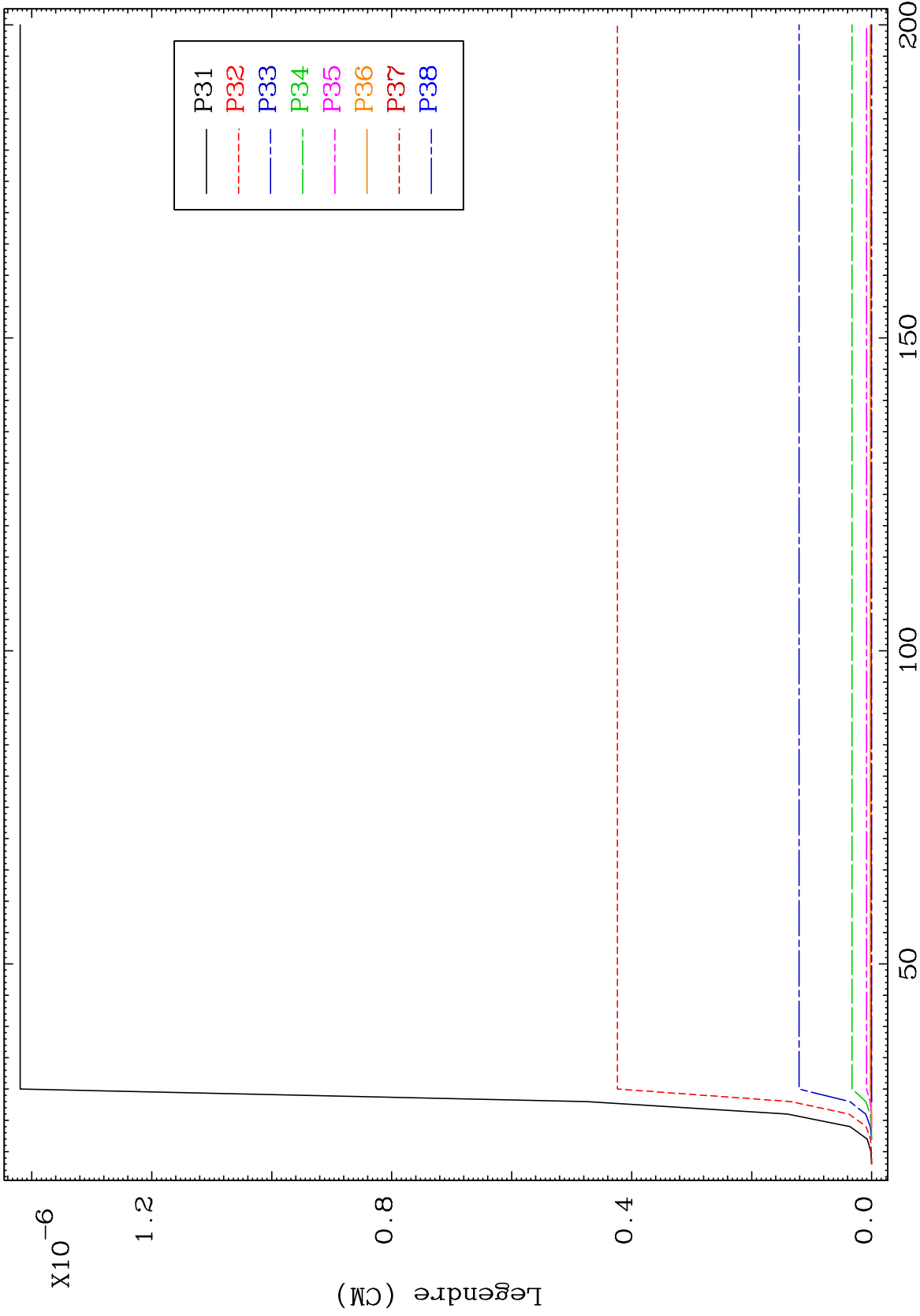
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



35

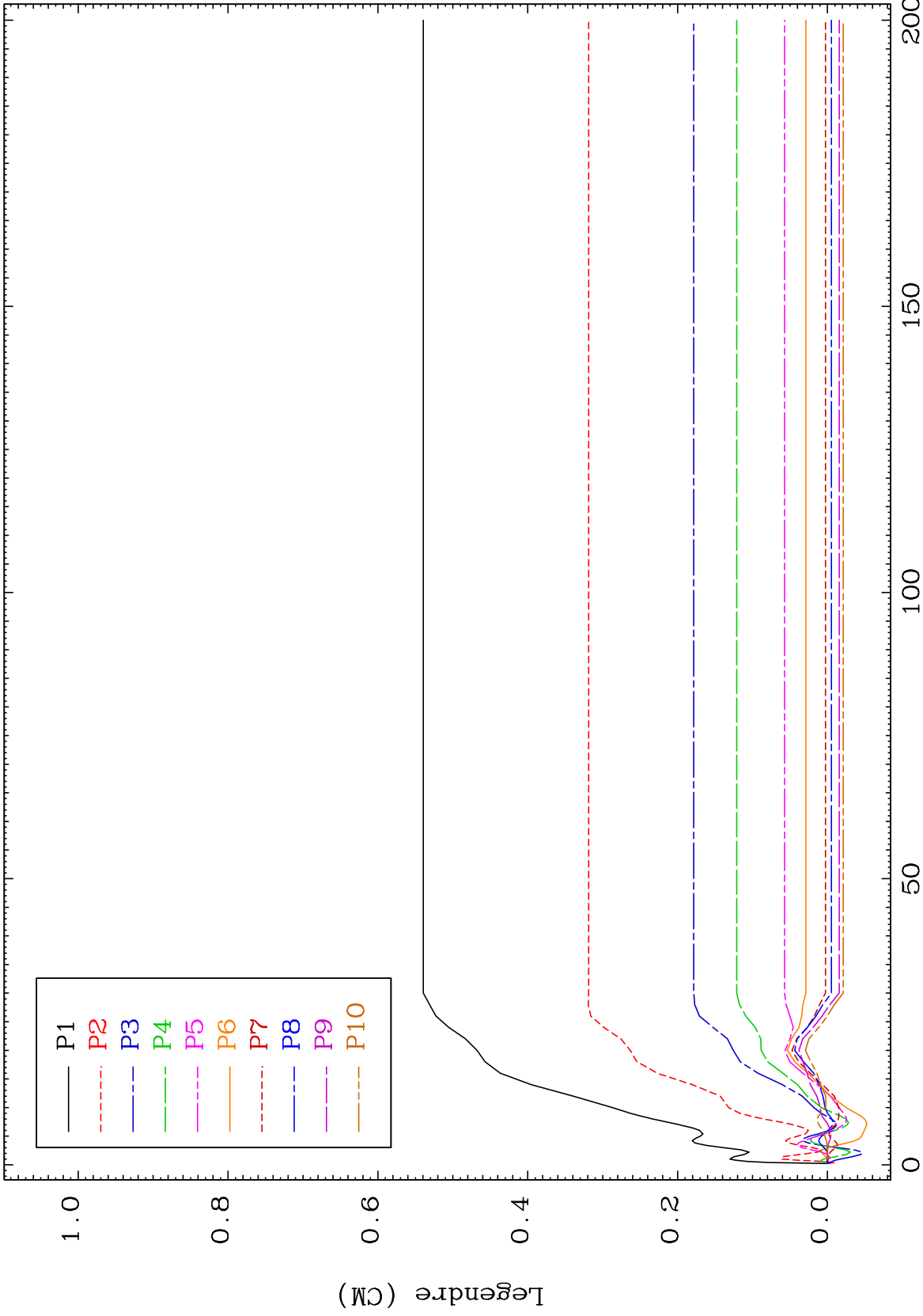
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



36

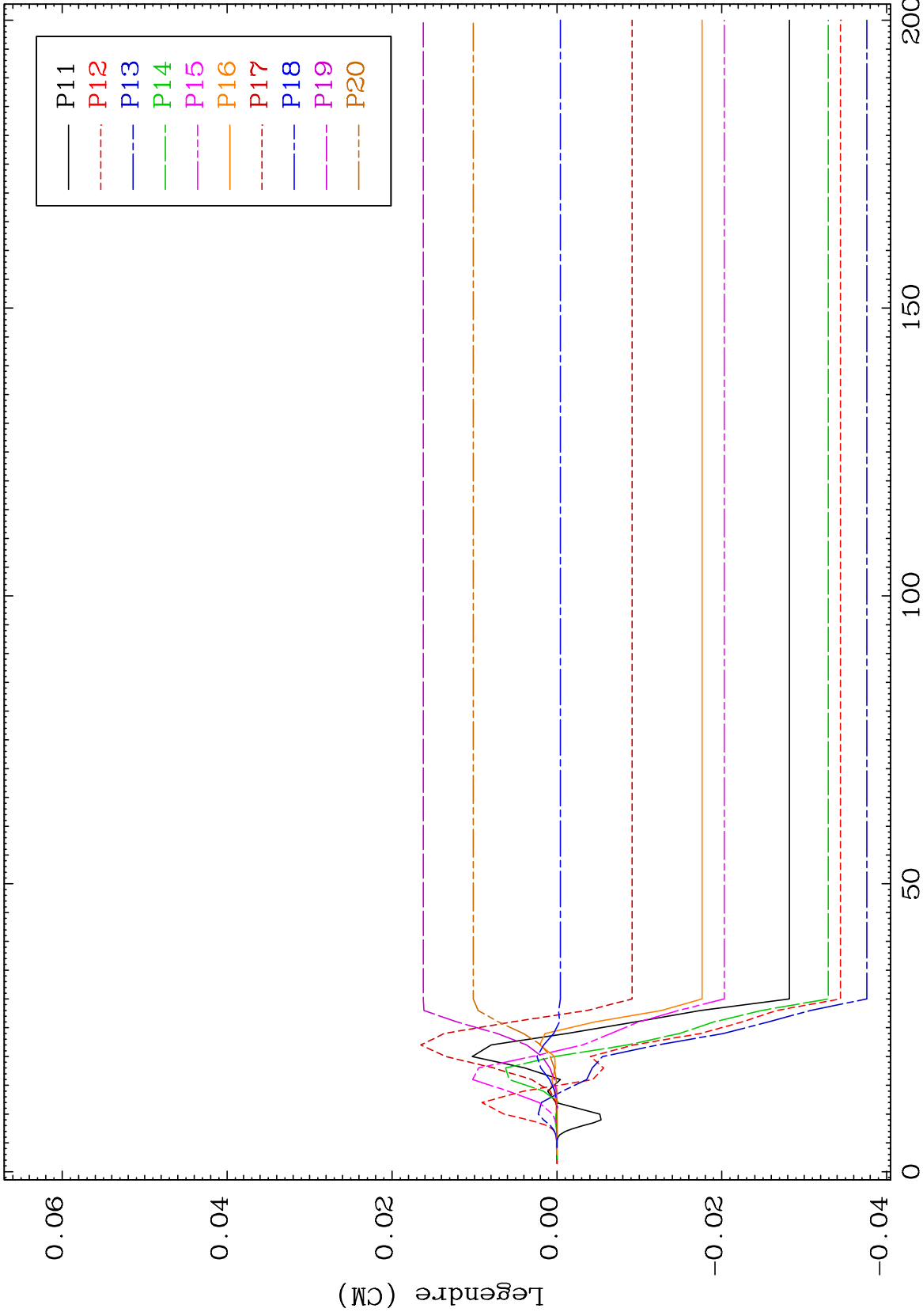
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



37

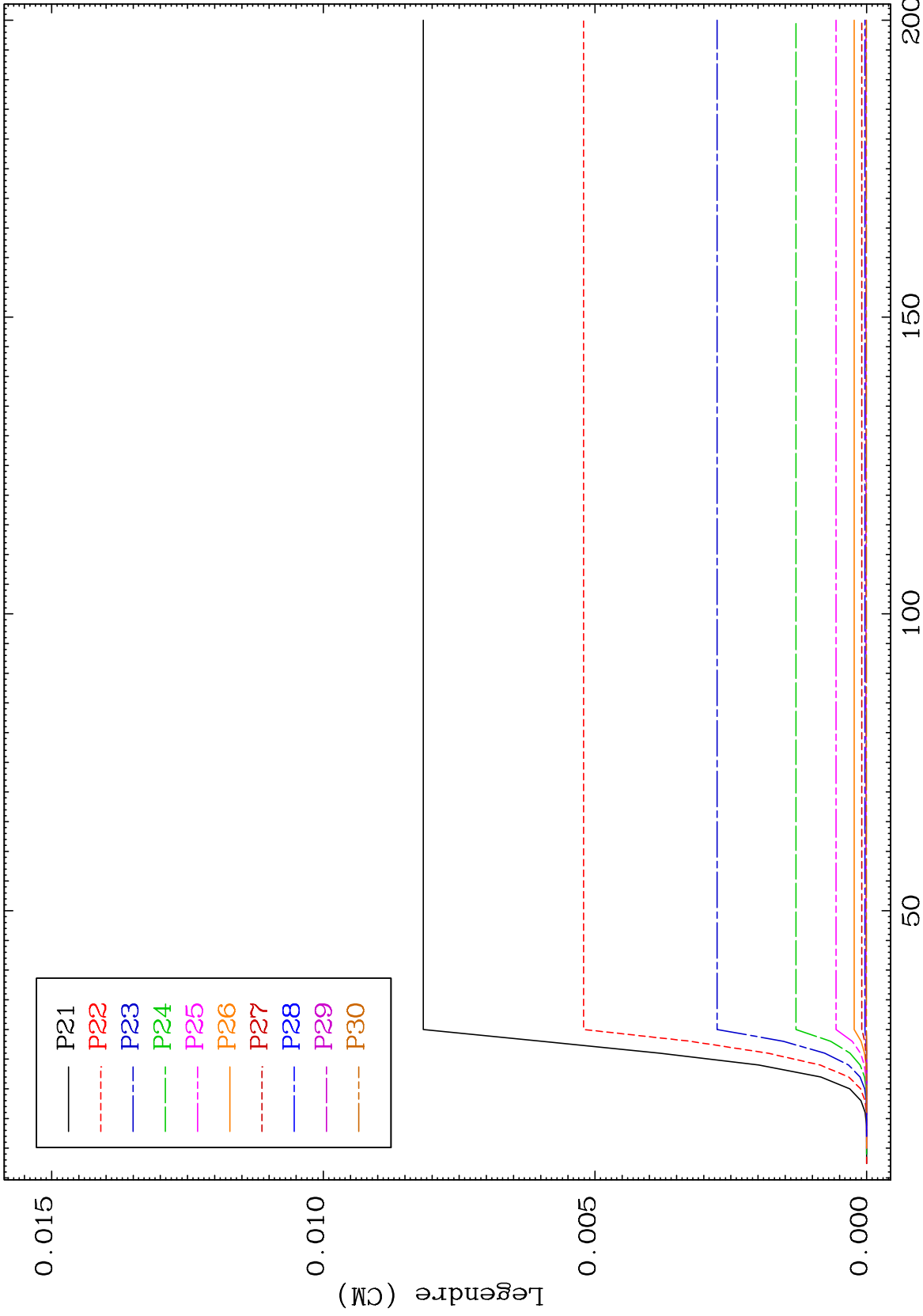
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



38

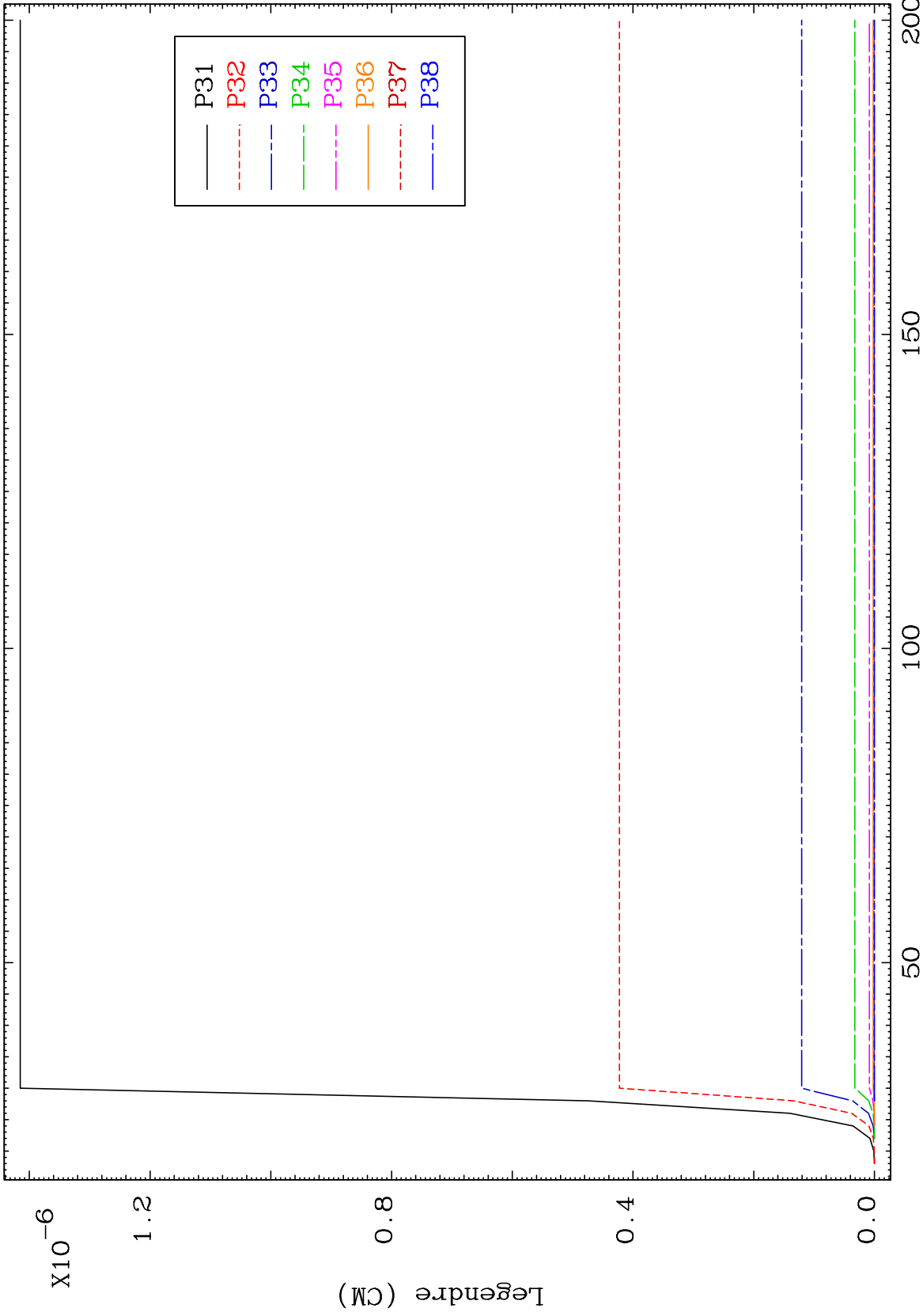
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177

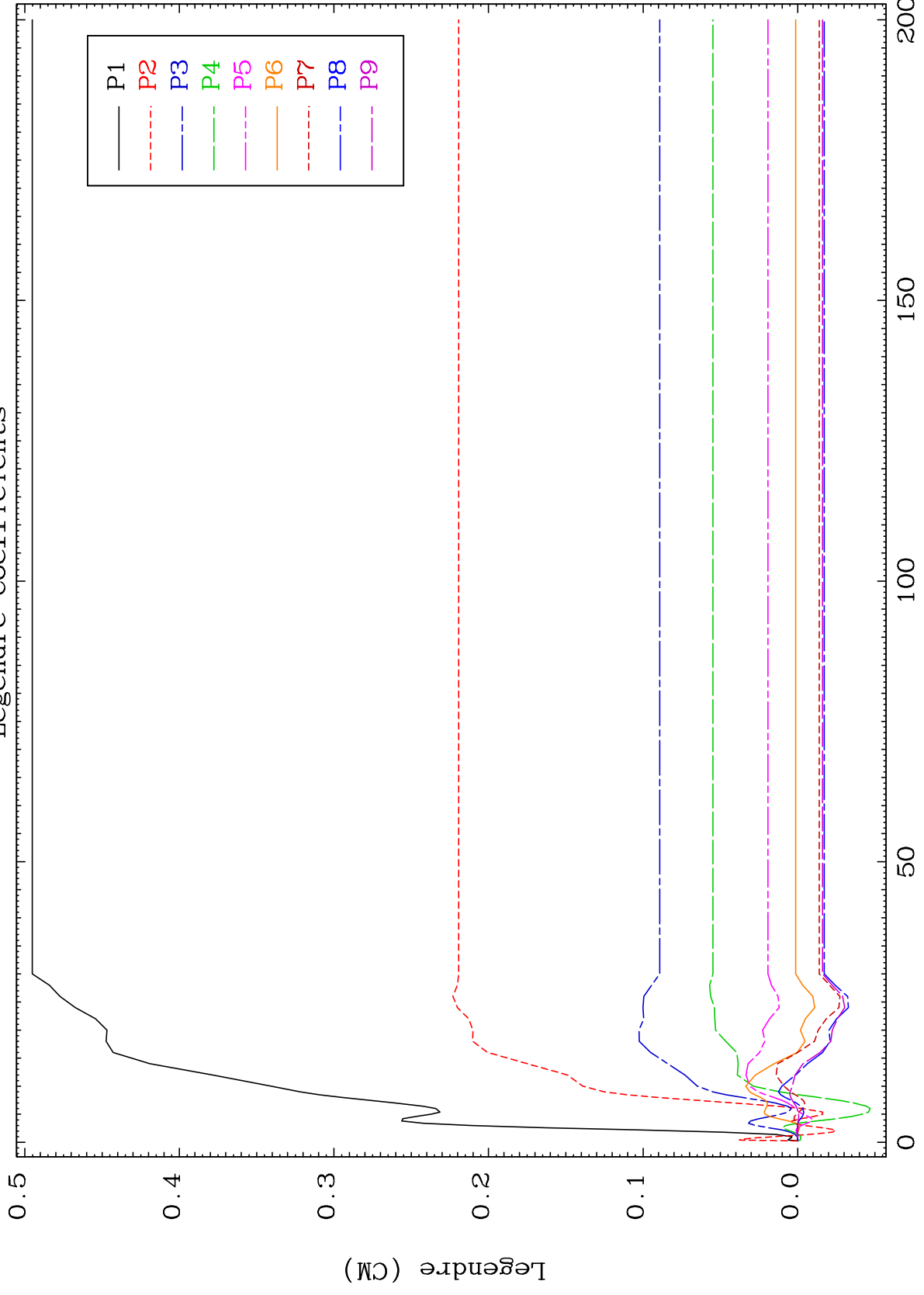


39

75-Re-177



MAT 7501 MT= 56 (n,n') Level Legendre Coefficients 75-Re-177

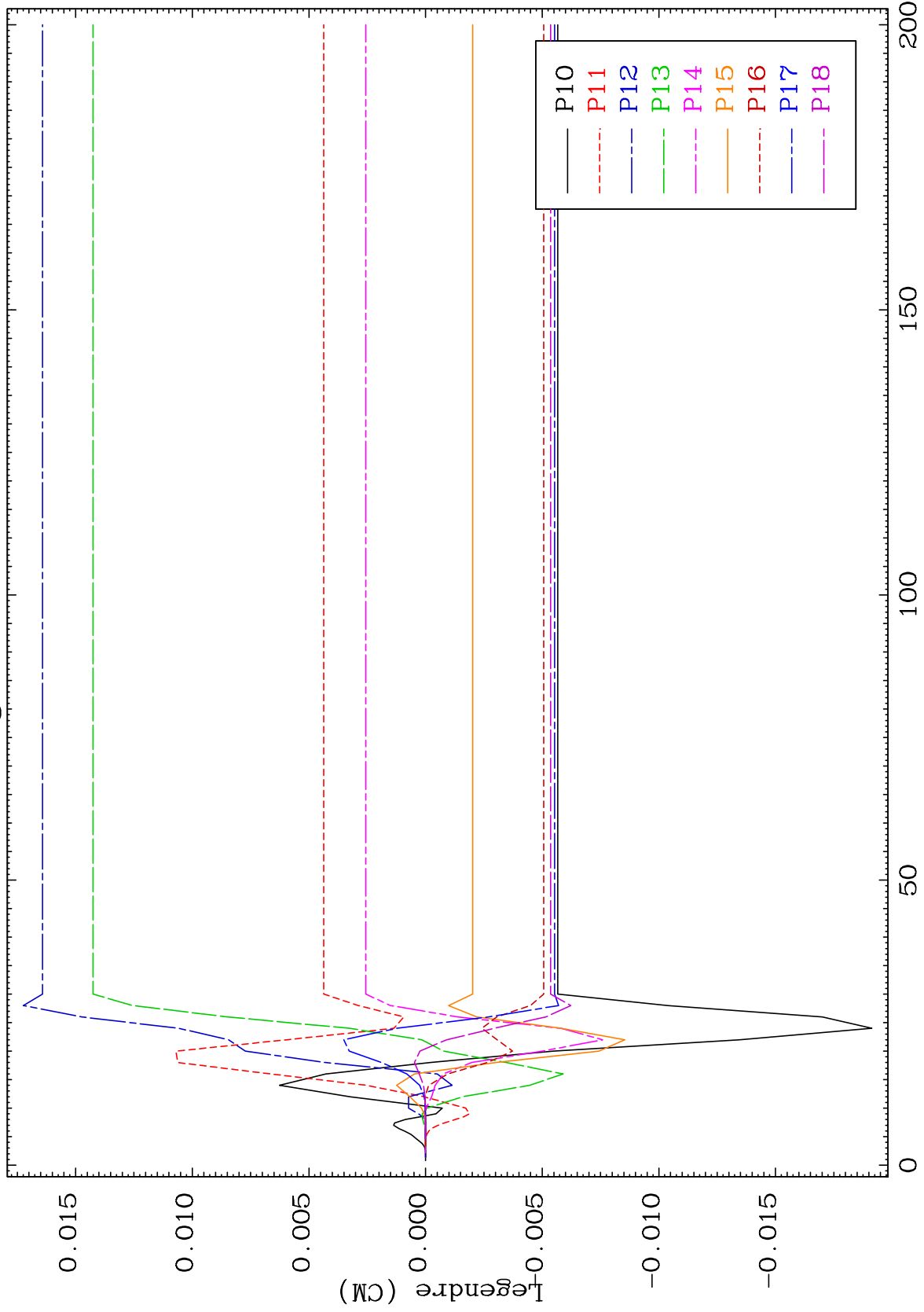


Legendre (CM) Incident Energy (MeV) 75-Re-177

MAT 7501

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

75-Re-177



41

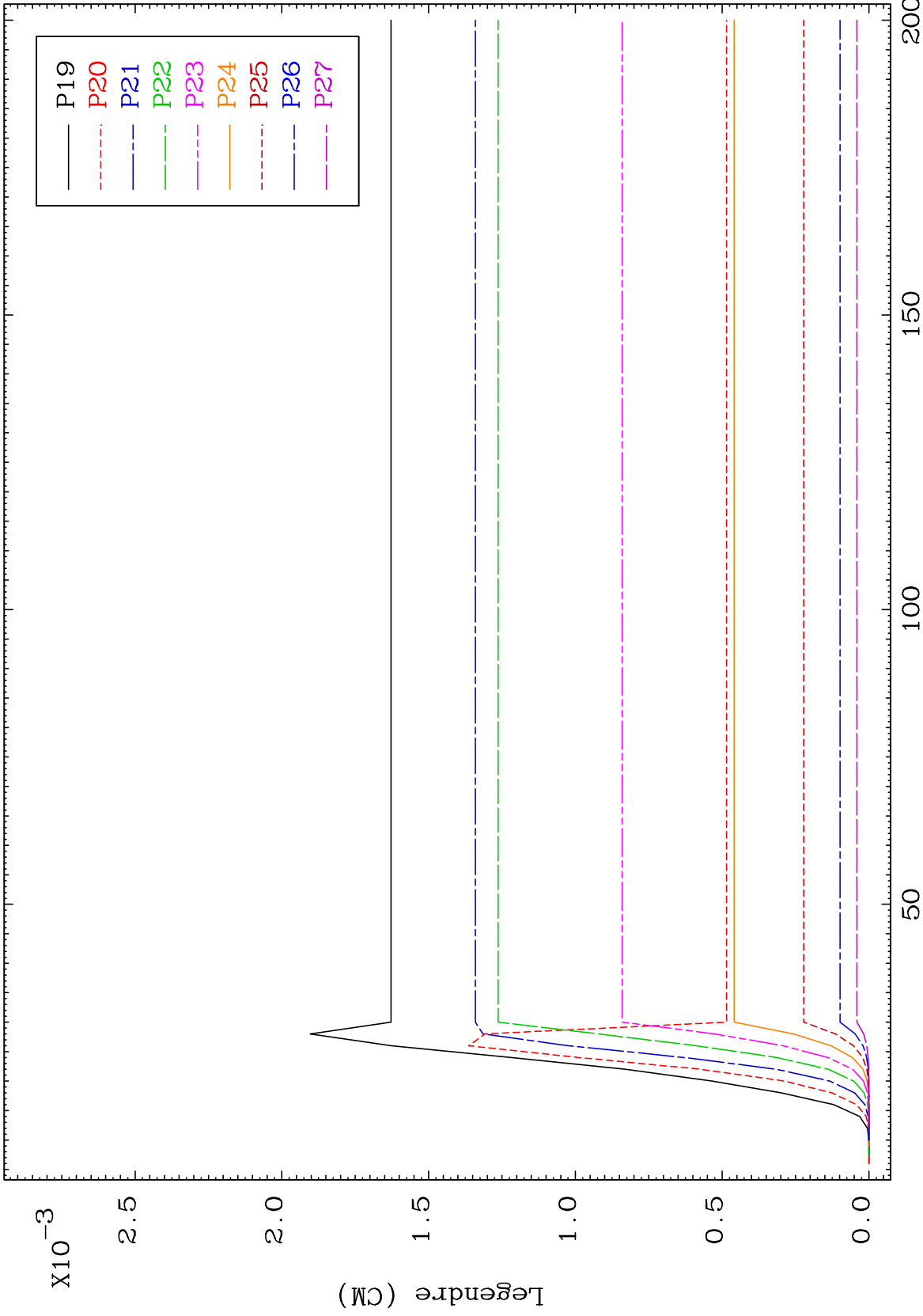
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



42

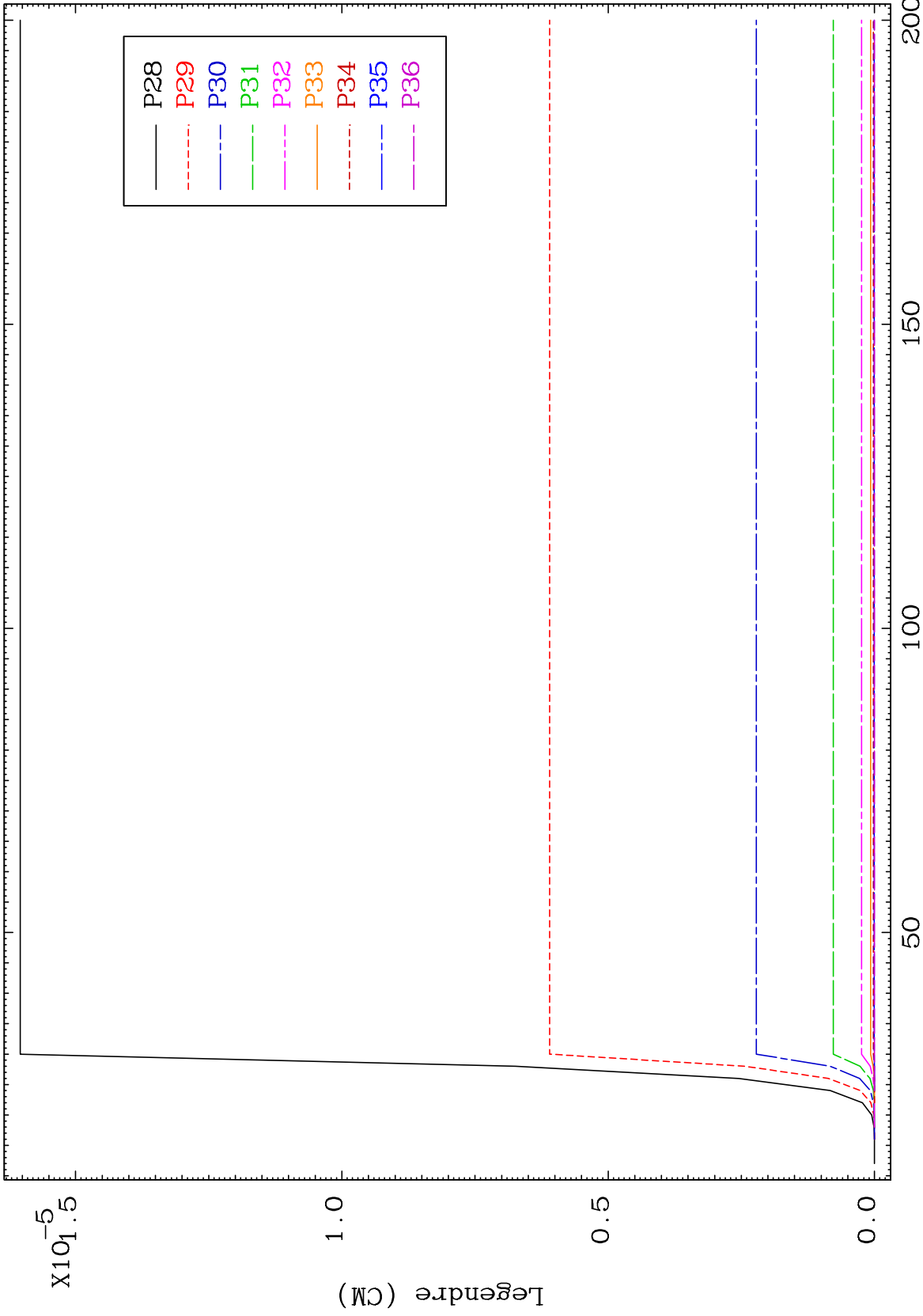
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



43

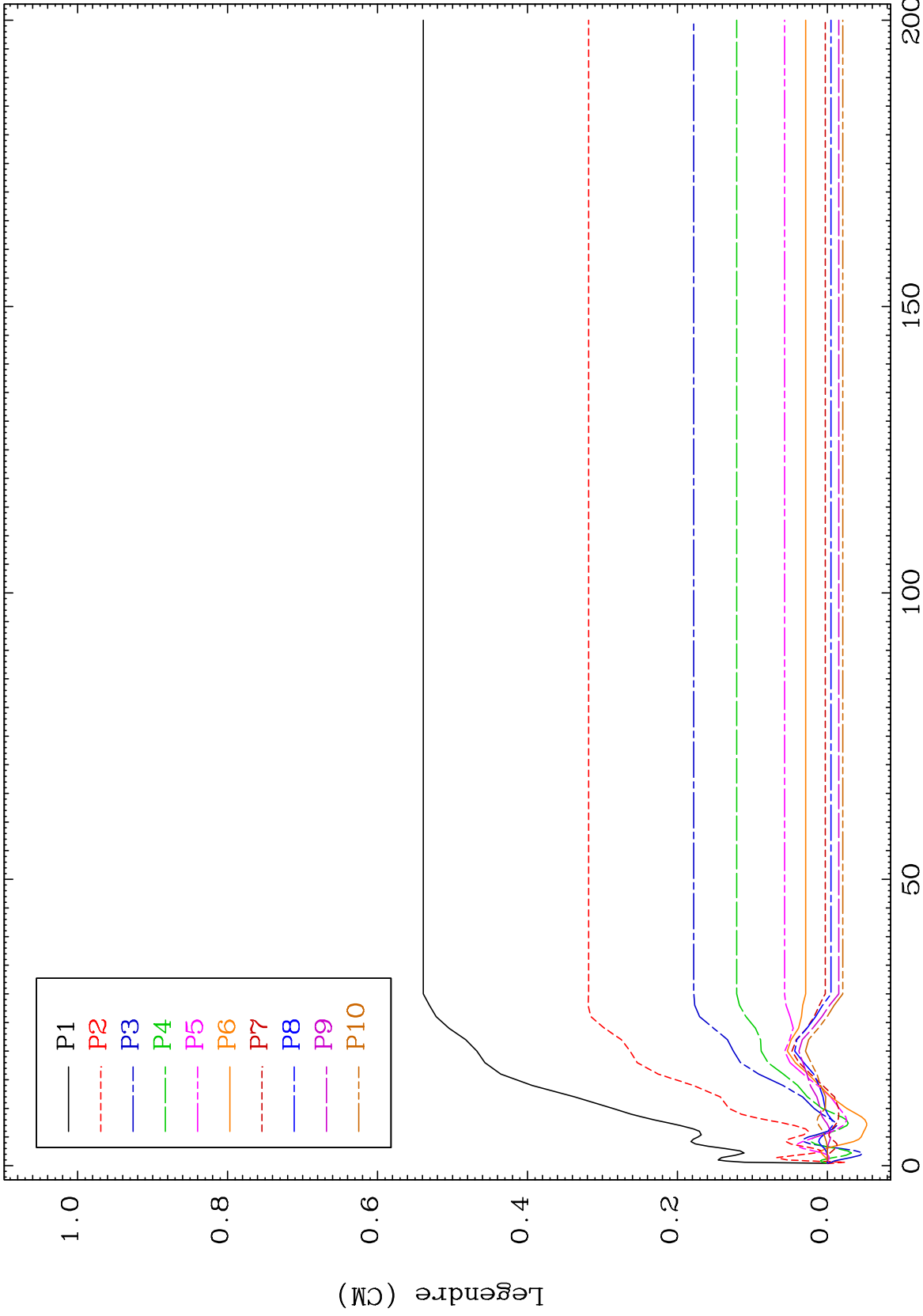
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



44

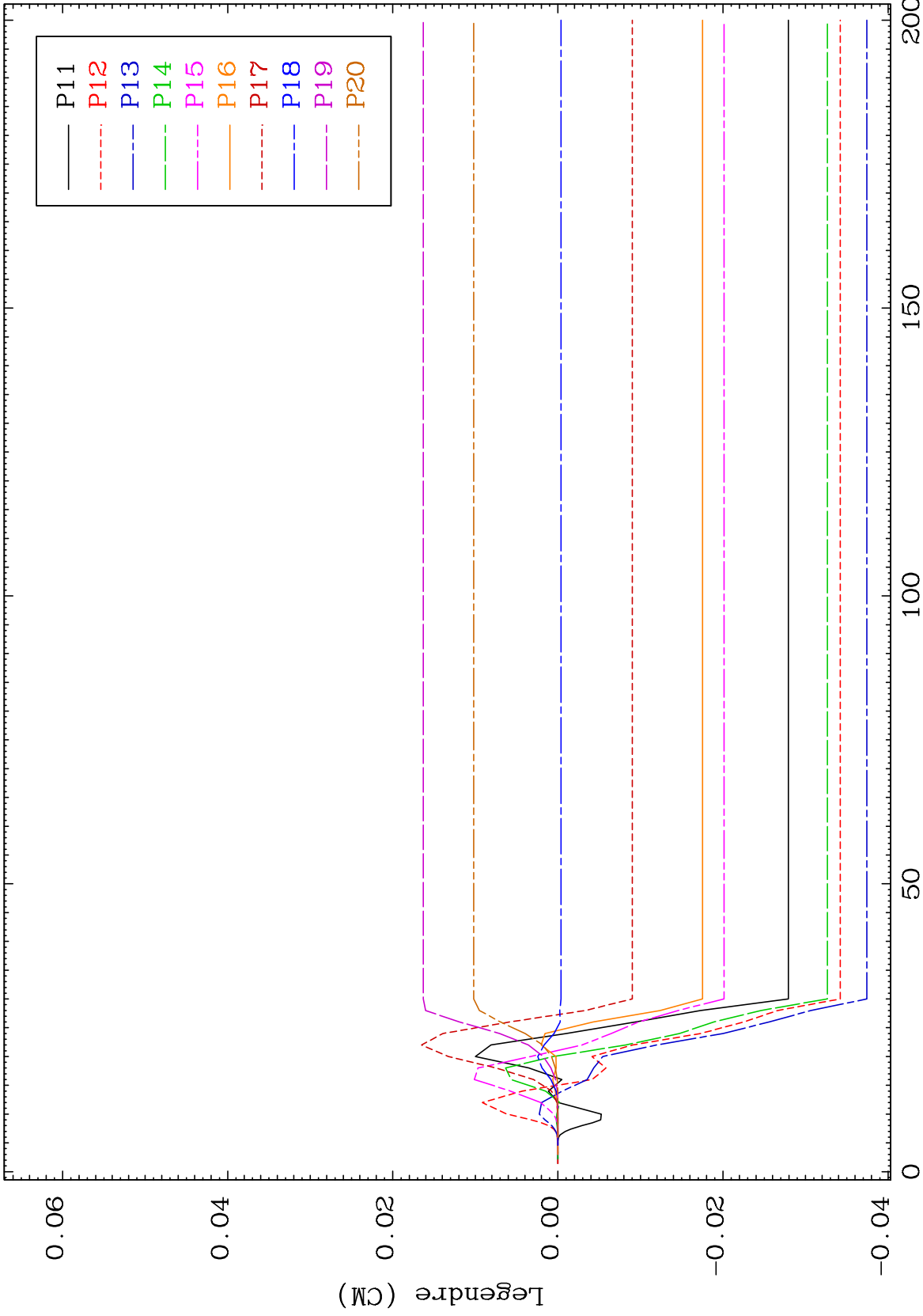
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



45

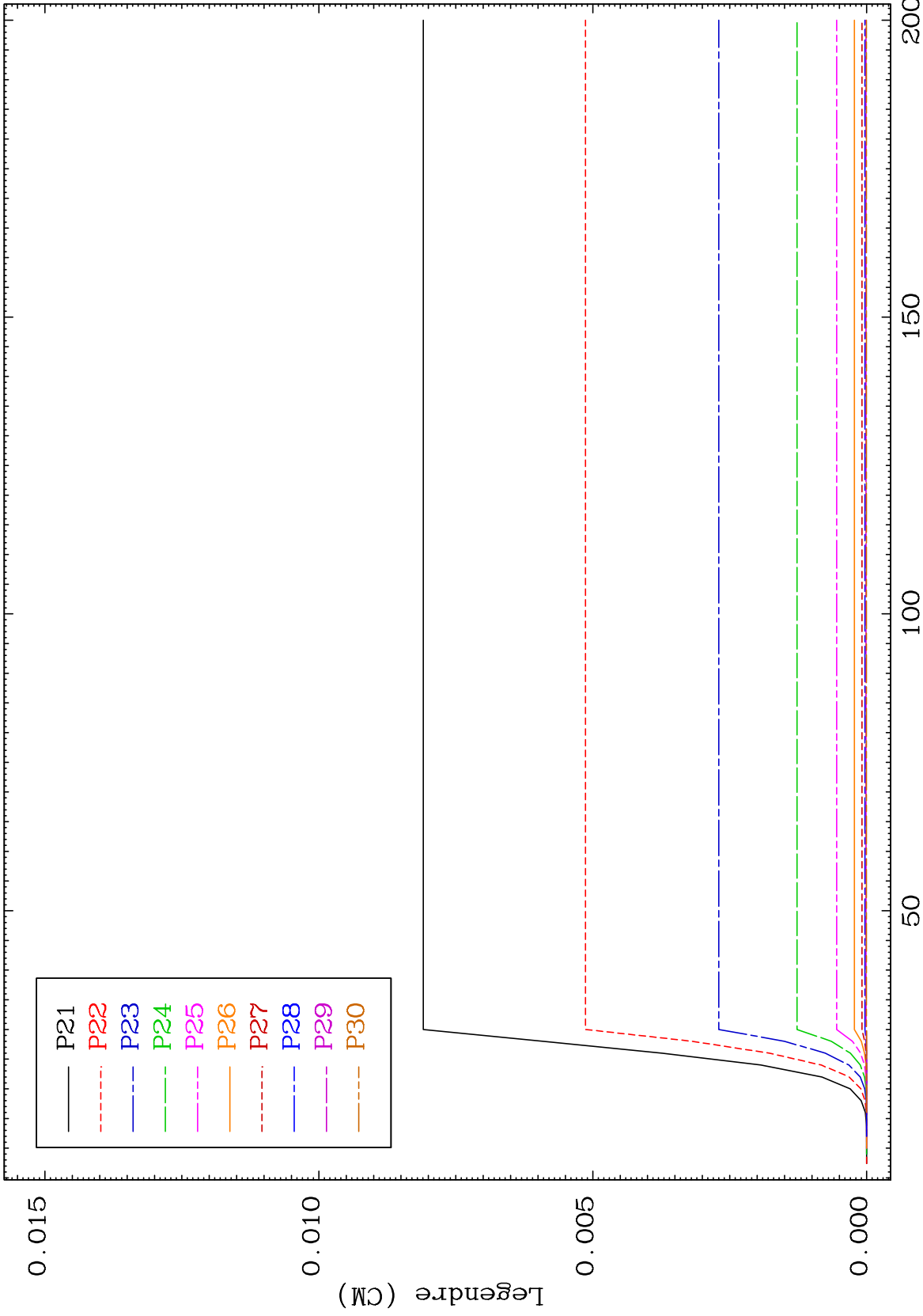
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



46

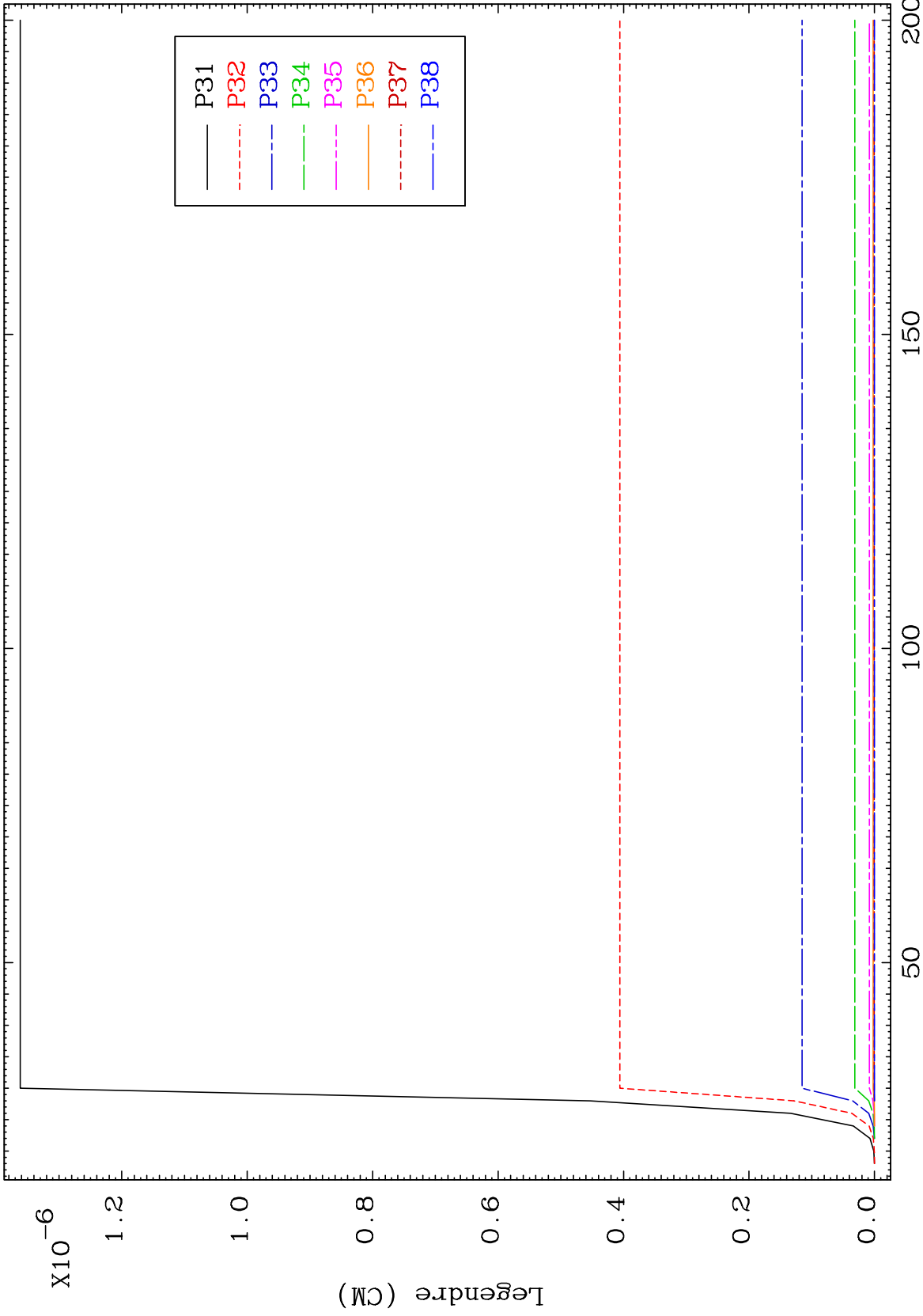
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



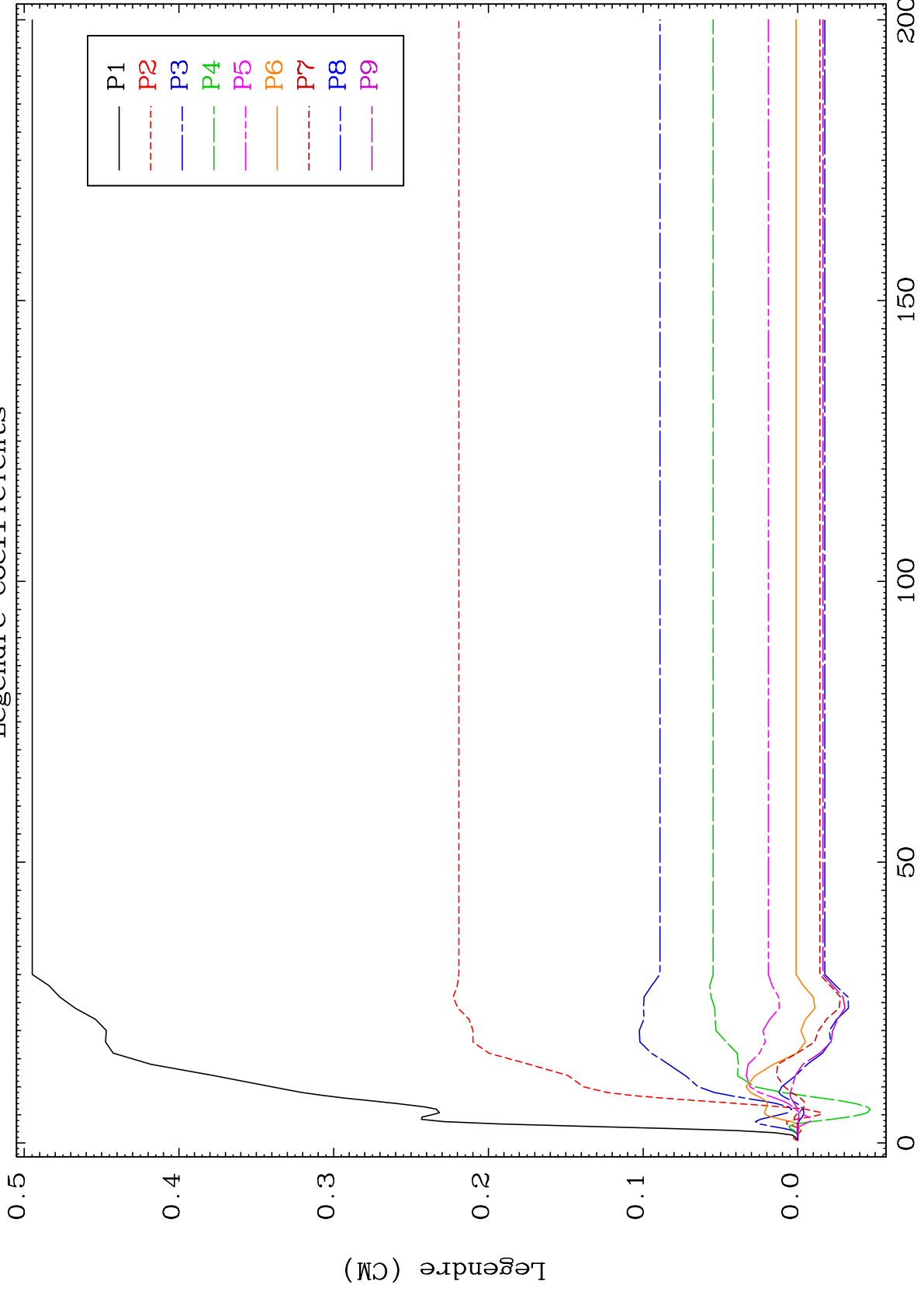
47

Incident Energy (MeV)

75-Re-177



MAT 7501 MT= 58 (n,n') Level Legendre Coefficients 75-Re-177

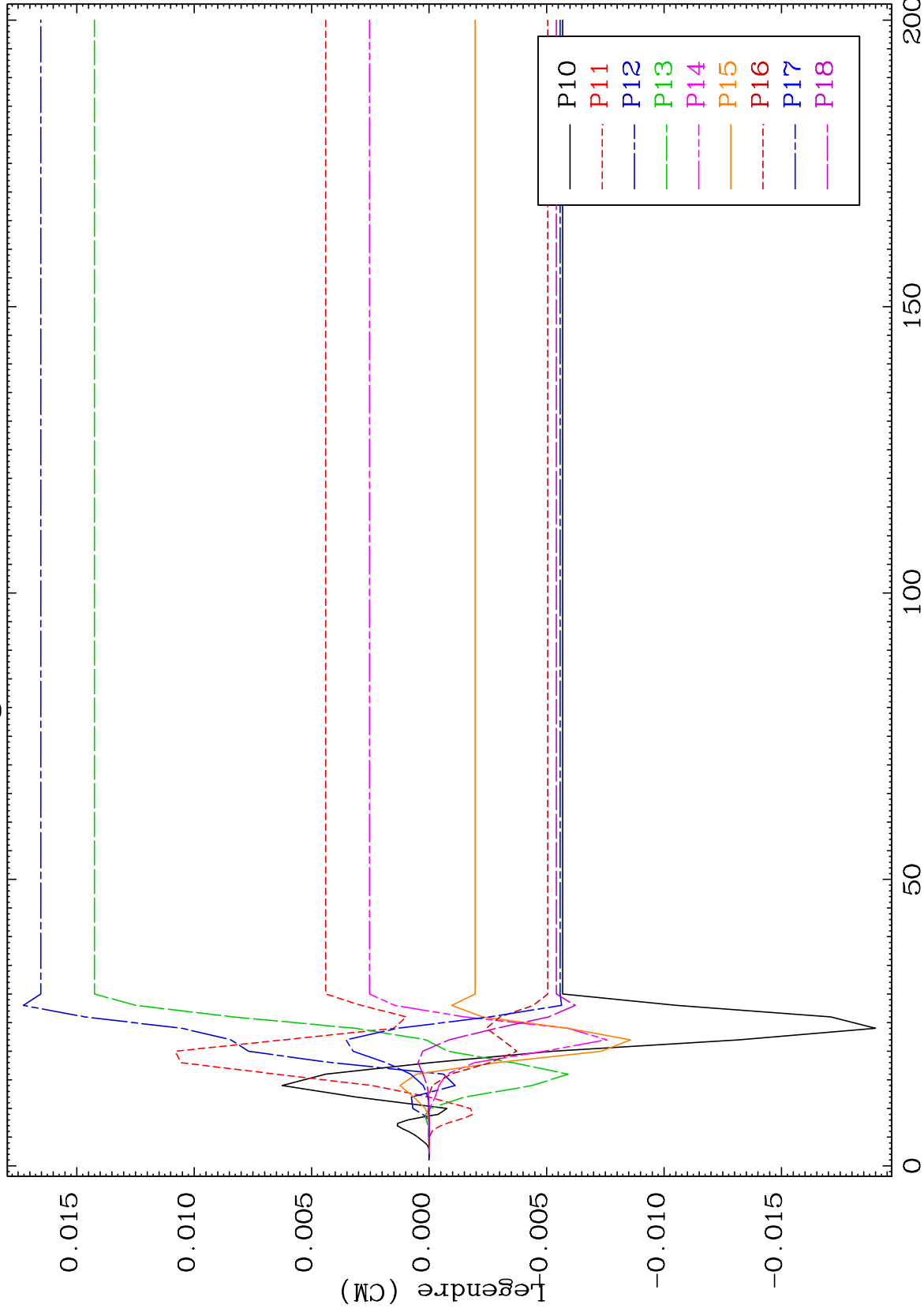


48 75-Re-177

MAT 7501

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

75-Re-177



49

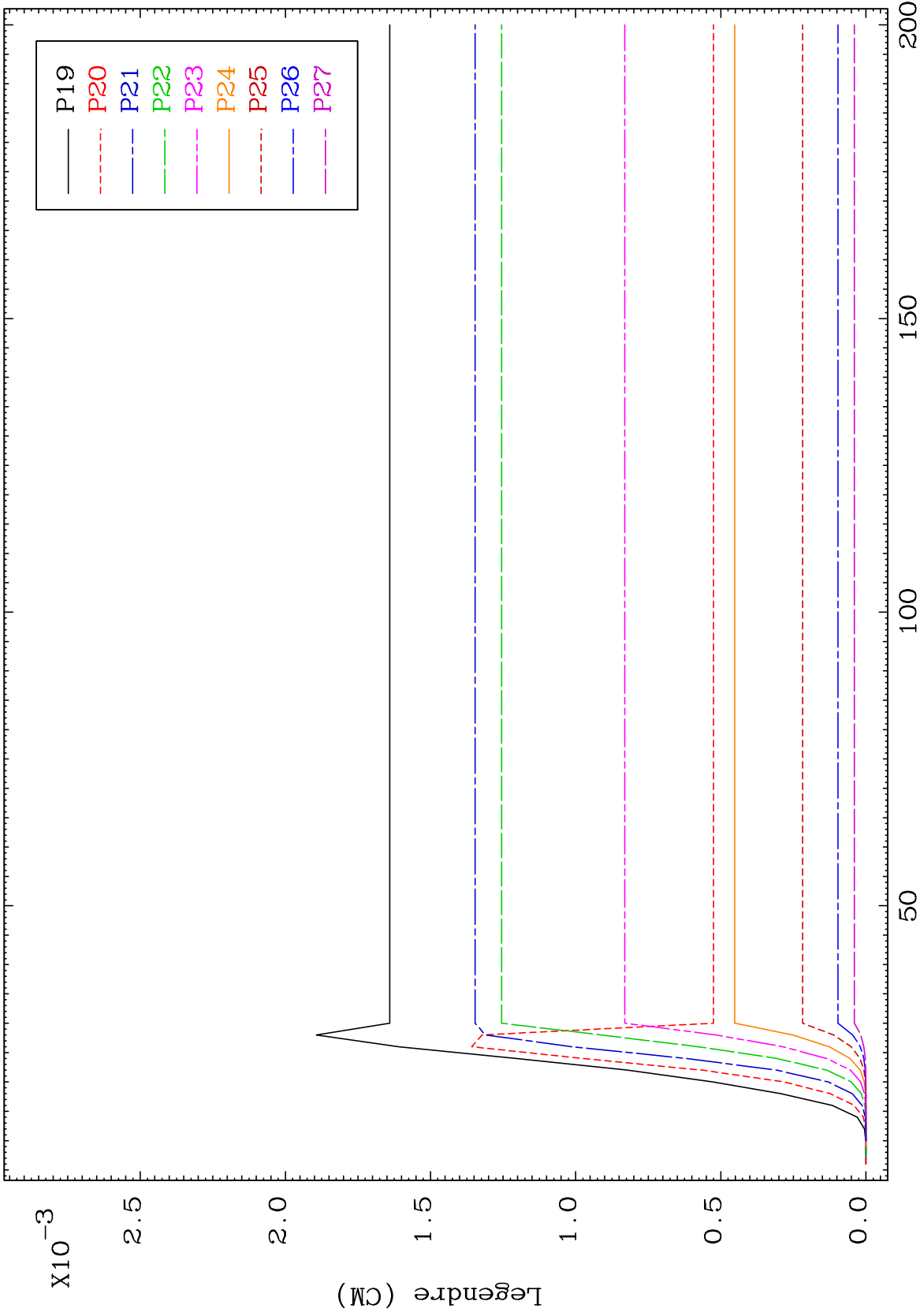
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



50

Incident Energy (MeV)

50

100

150

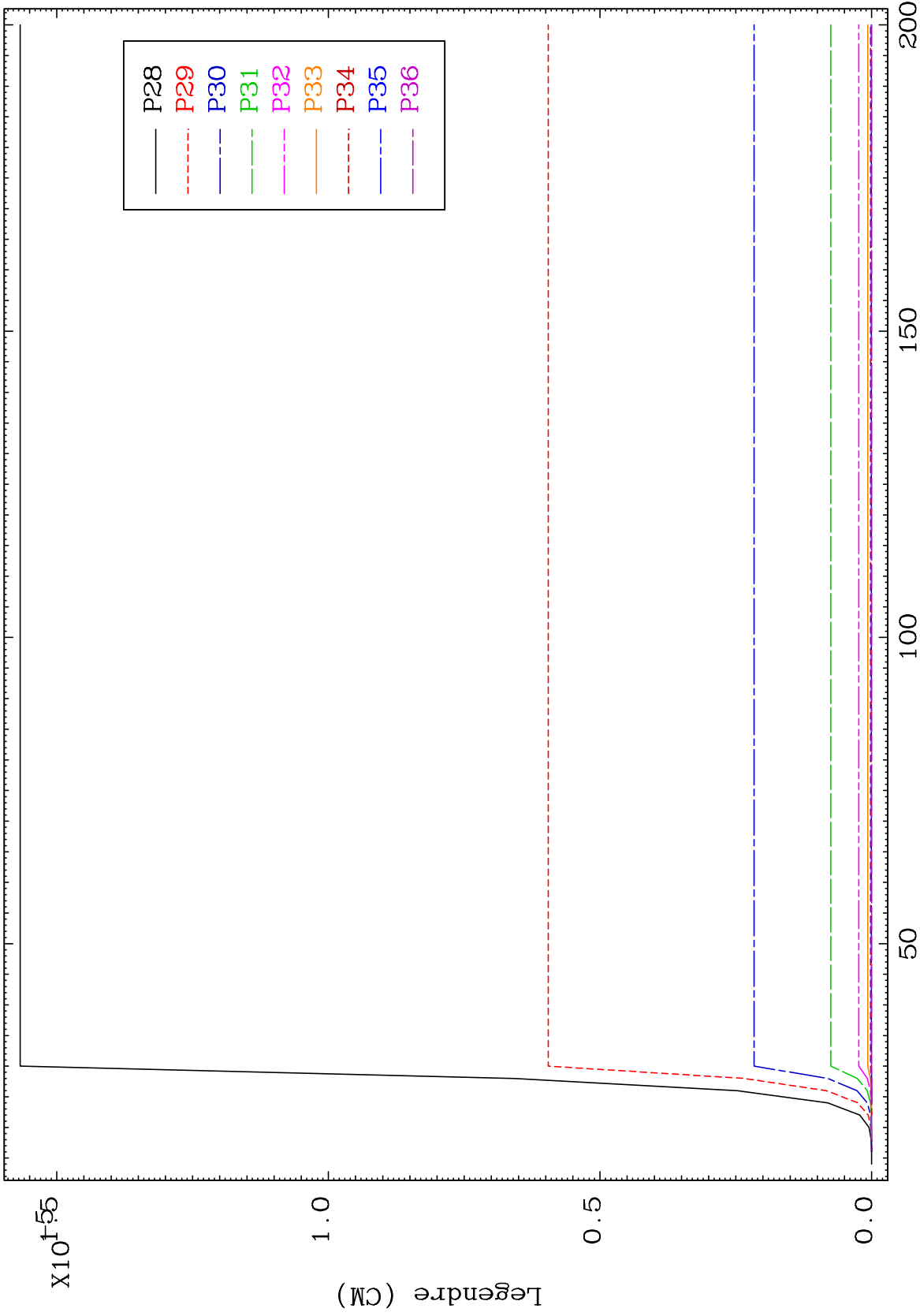
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75-Re-177

MAT 7501

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

75-Re-177

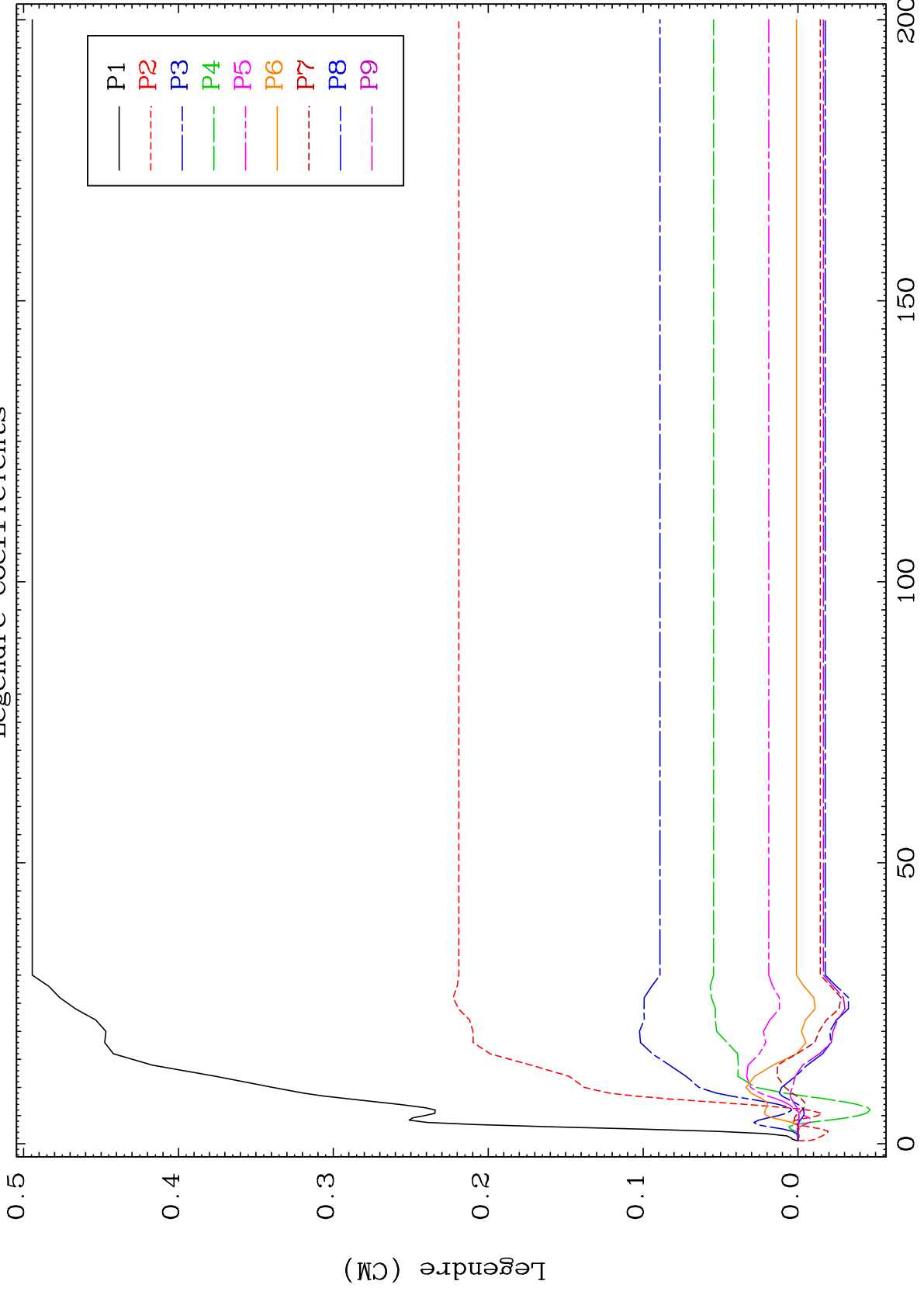


51

Incident Energy (MeV)

75-Re-177

MAT 7501 MT= 59 (n,n') Level Legendre Coefficients 75-Re-177

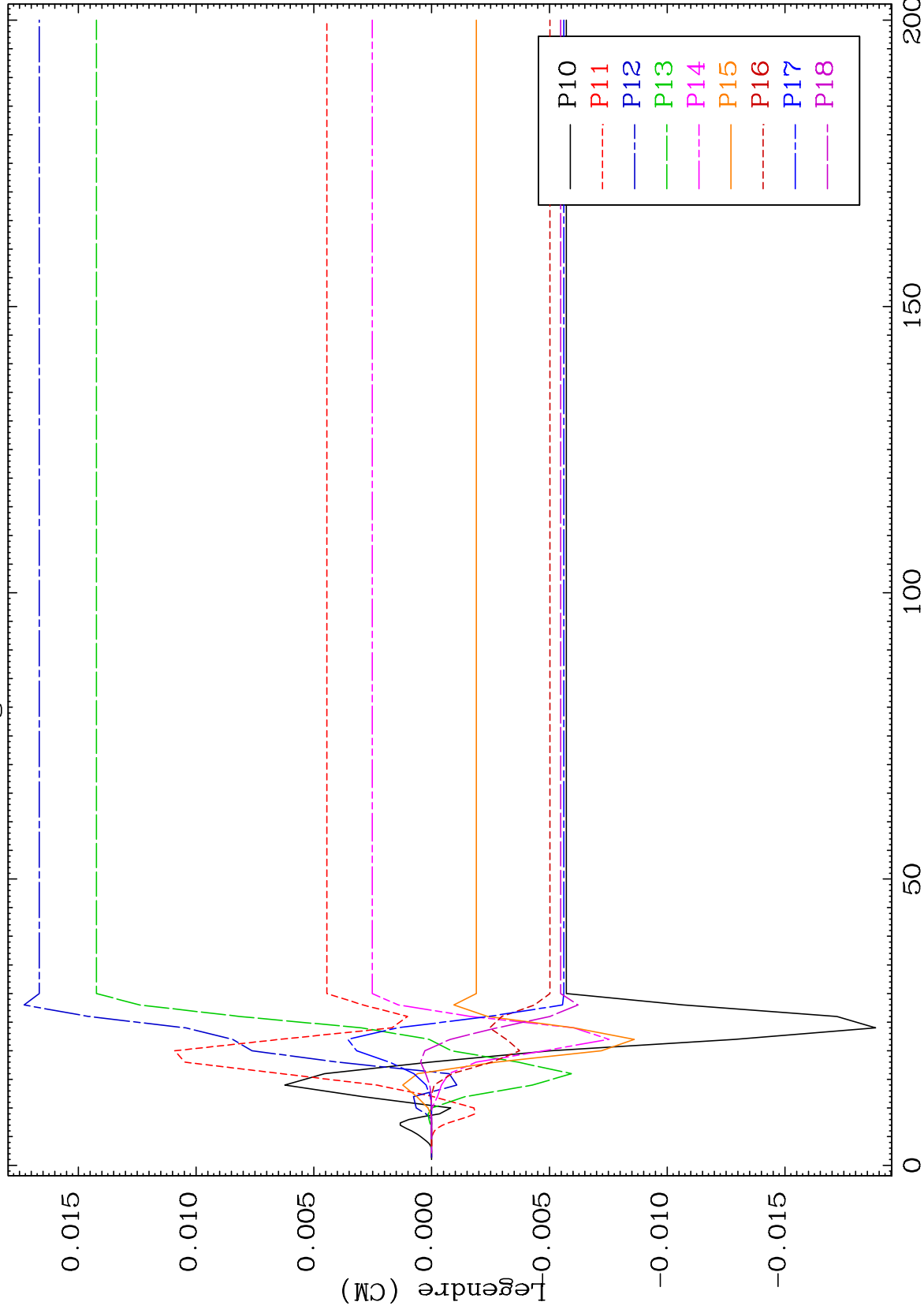


52 75-Re-177

MAT 7501

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

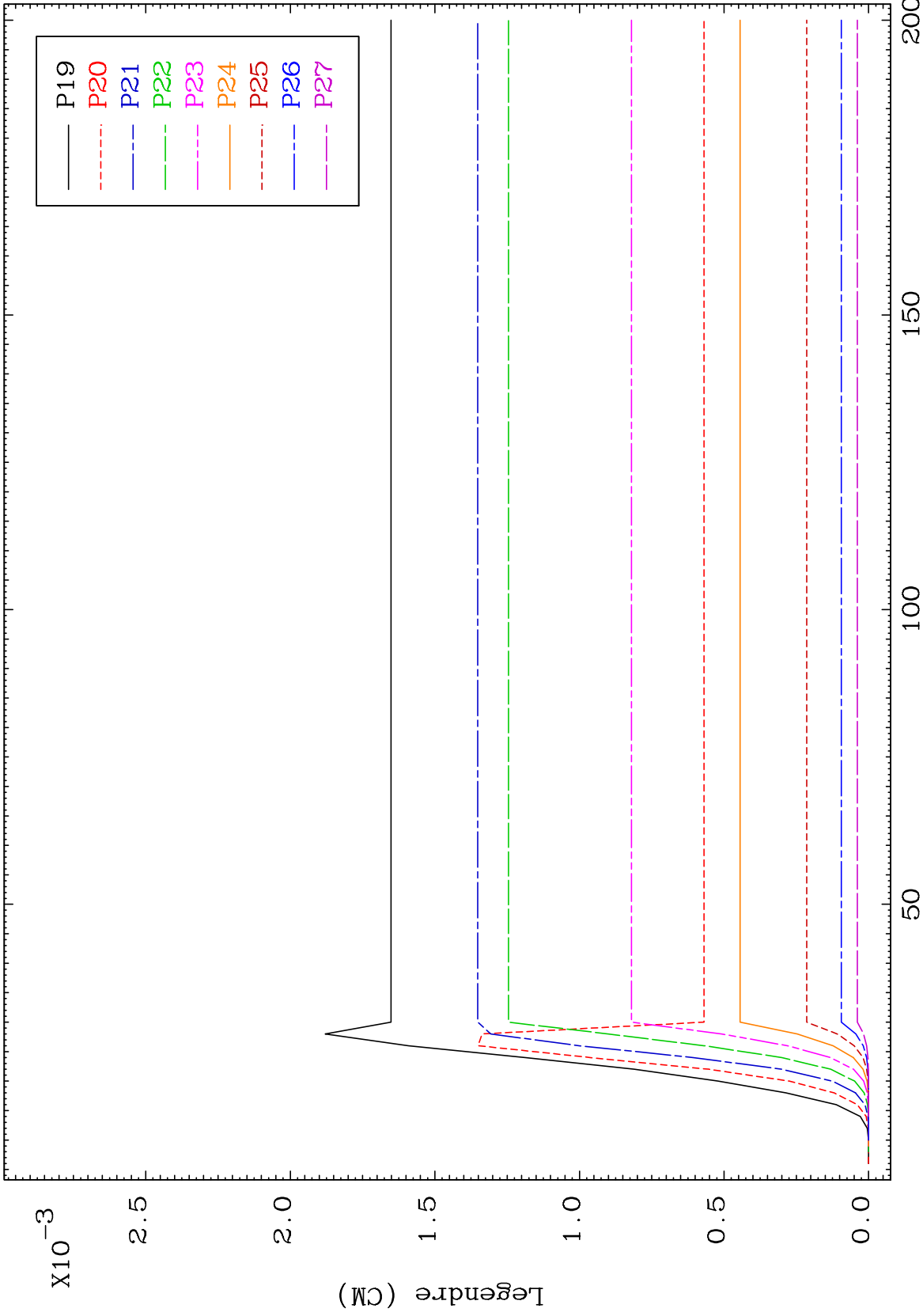
75-Re-177



53

Incident Energy (MeV)

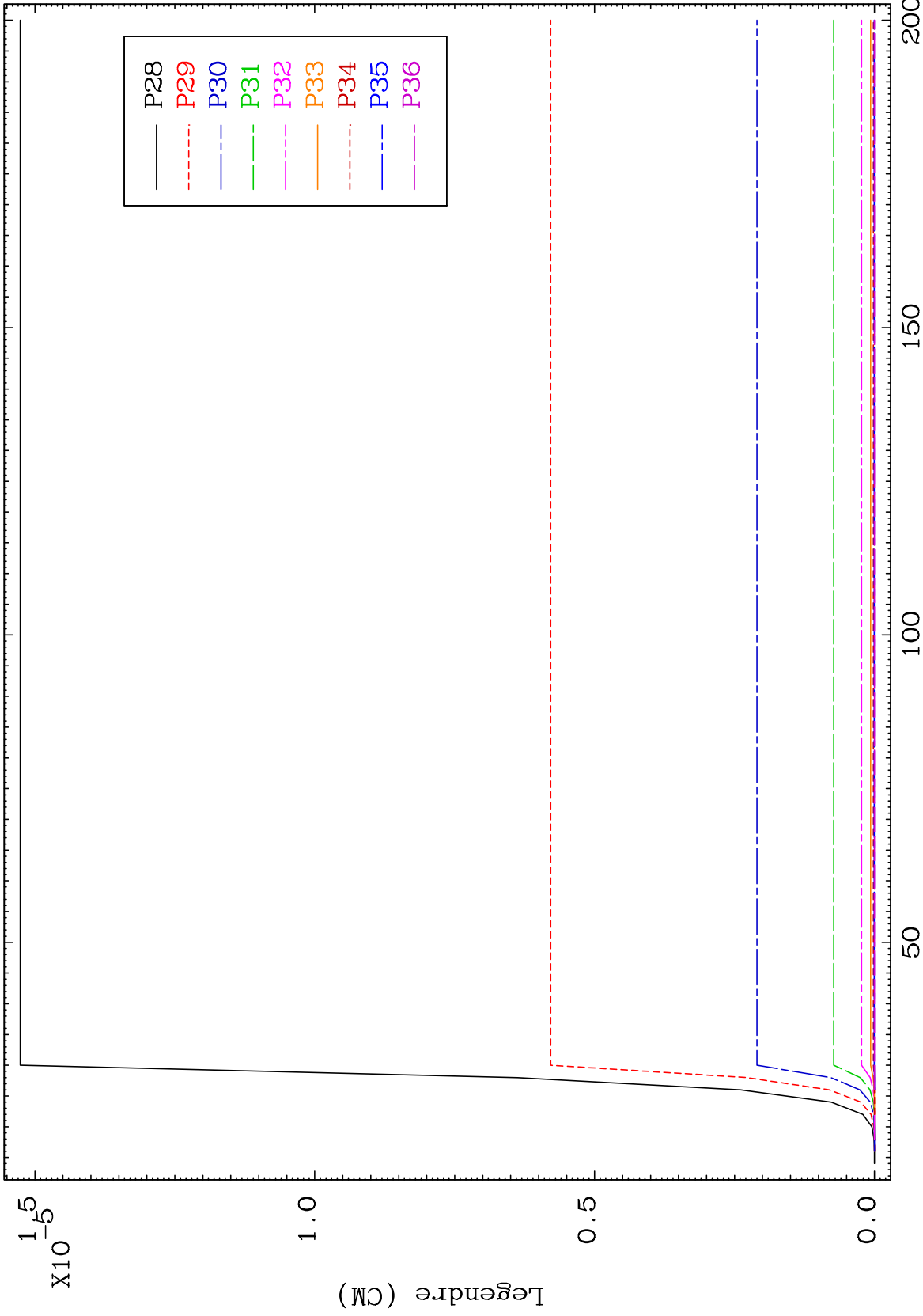
75-Re-177



MAT 7501

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

75-Re-177



55

Incident Energy (MeV)

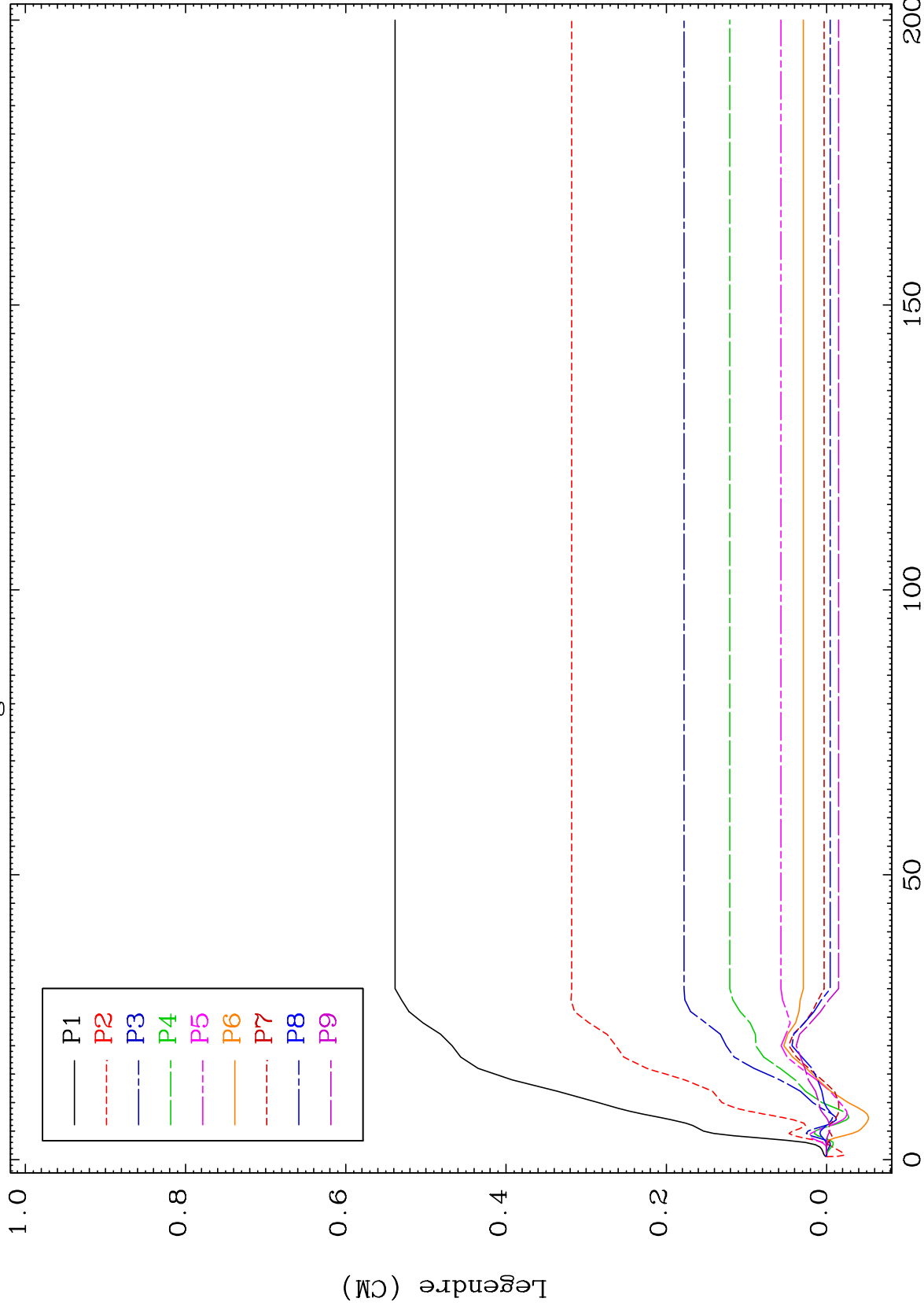
75-Re-177



MAT 7501

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

75-Re-177

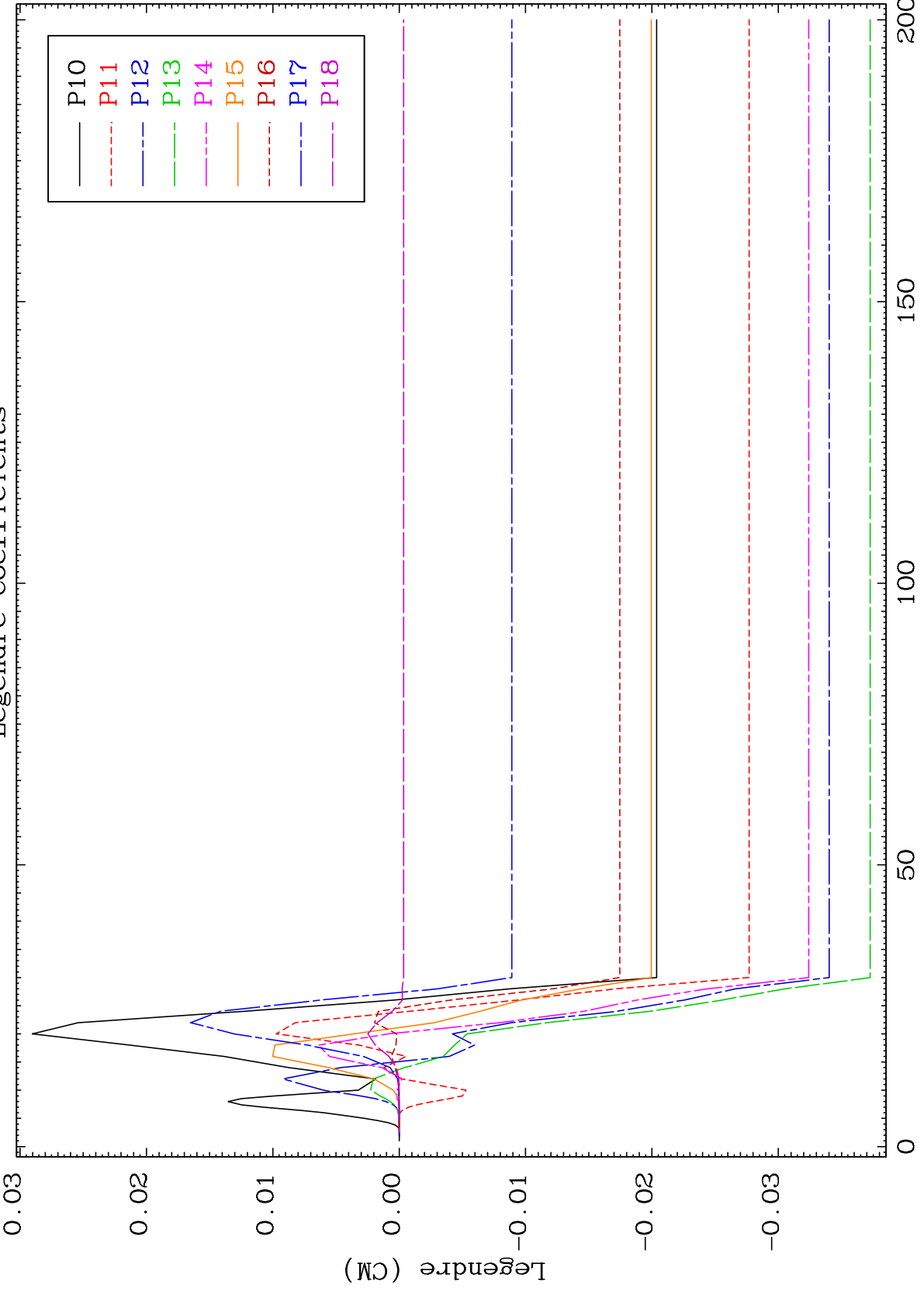


56

Incident Energy (MeV)

75-Re-177

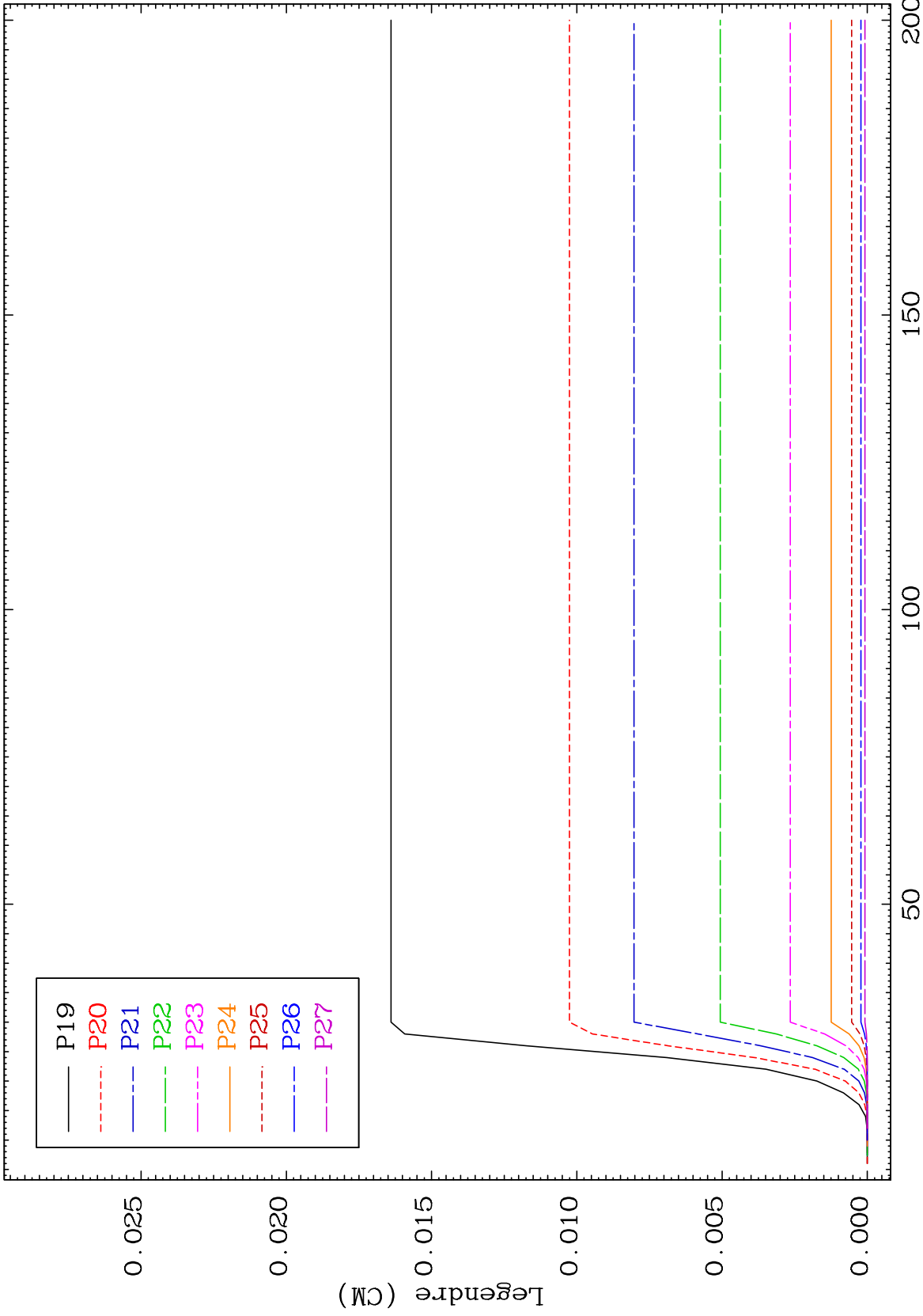
MAT 7501 MT= 60 (n,n') Level Legendre Coefficients 75-Re-177



MAT 7501

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

75-Re-177



58

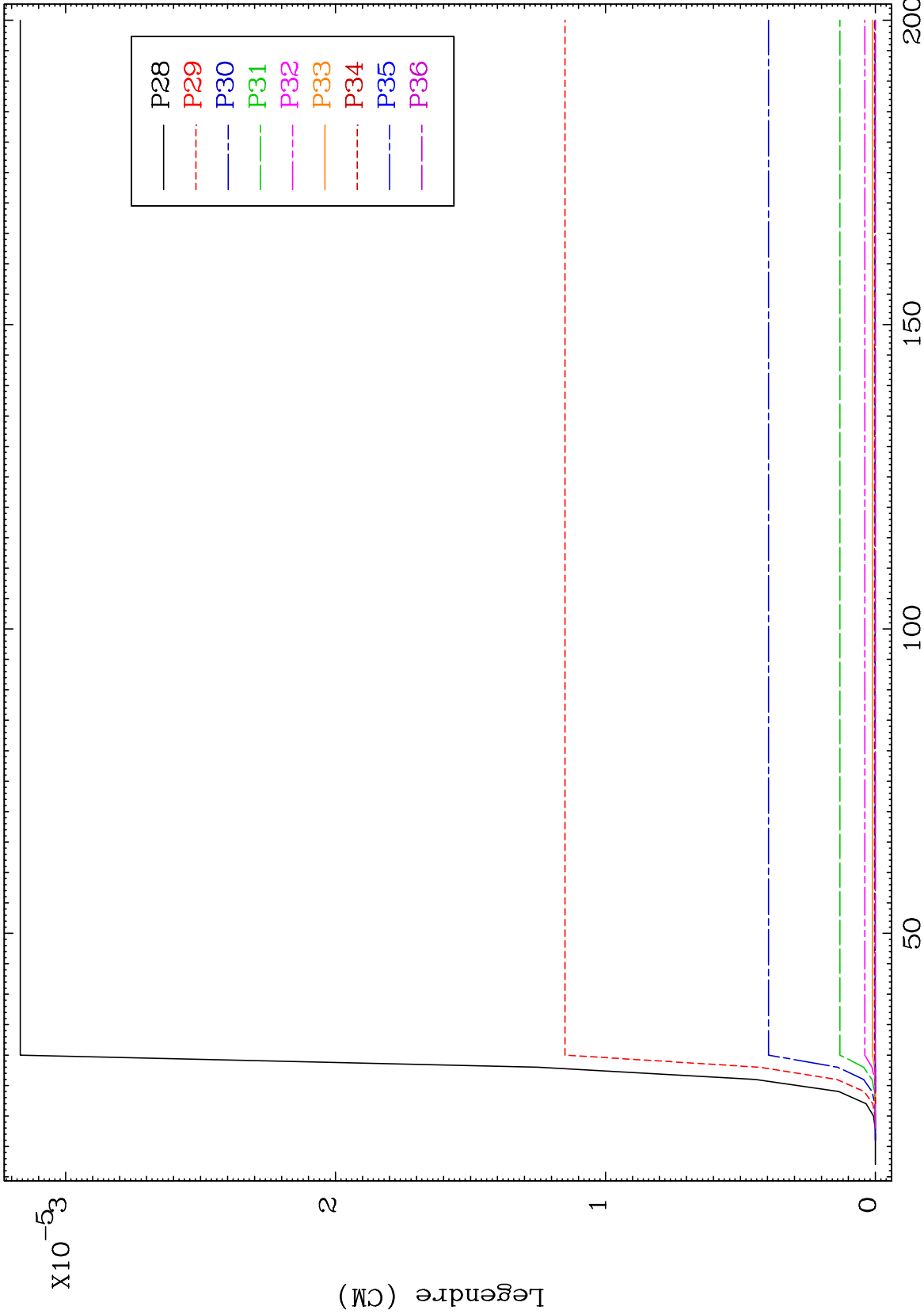
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177

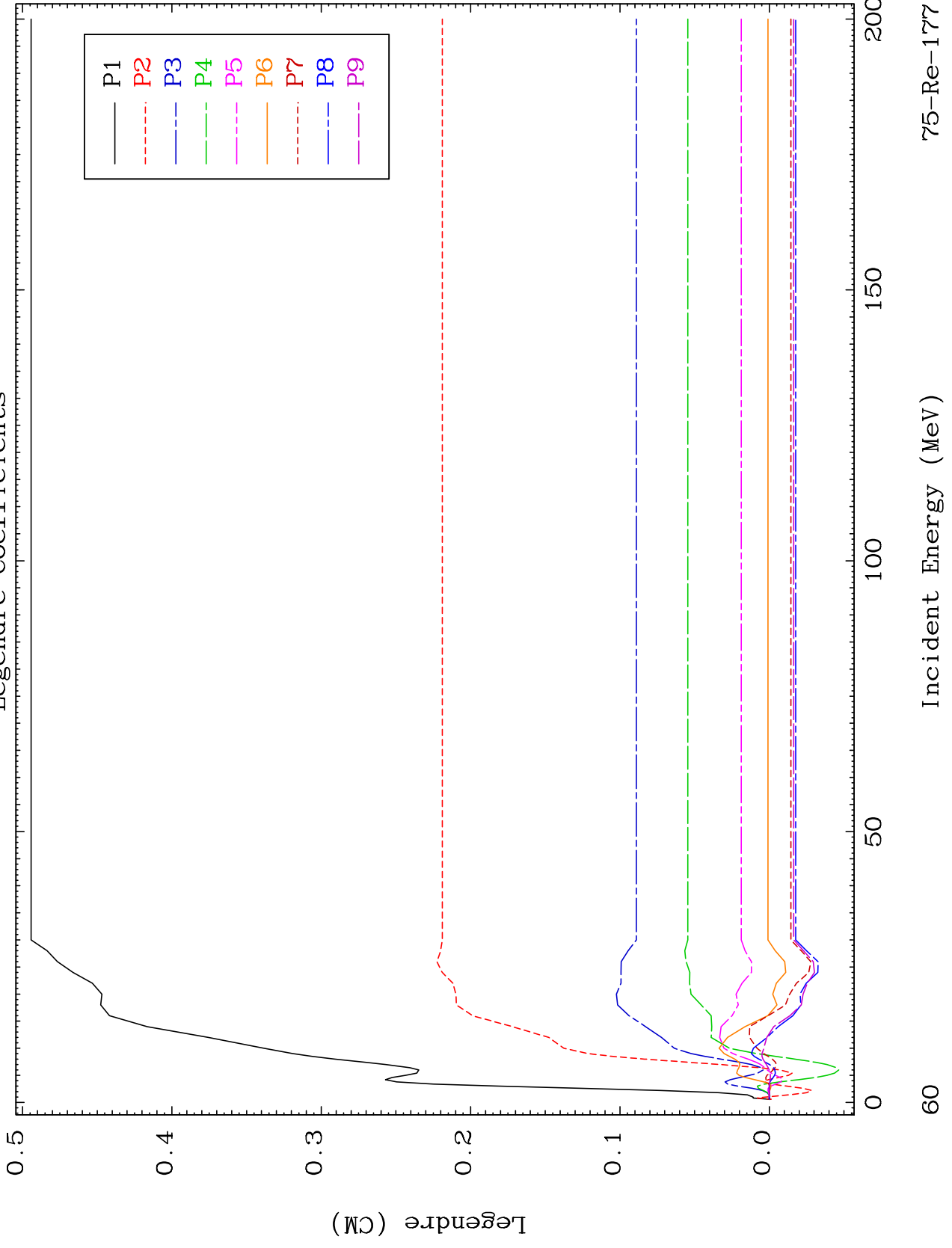


59

Incident Energy (MeV)

75-Re-177

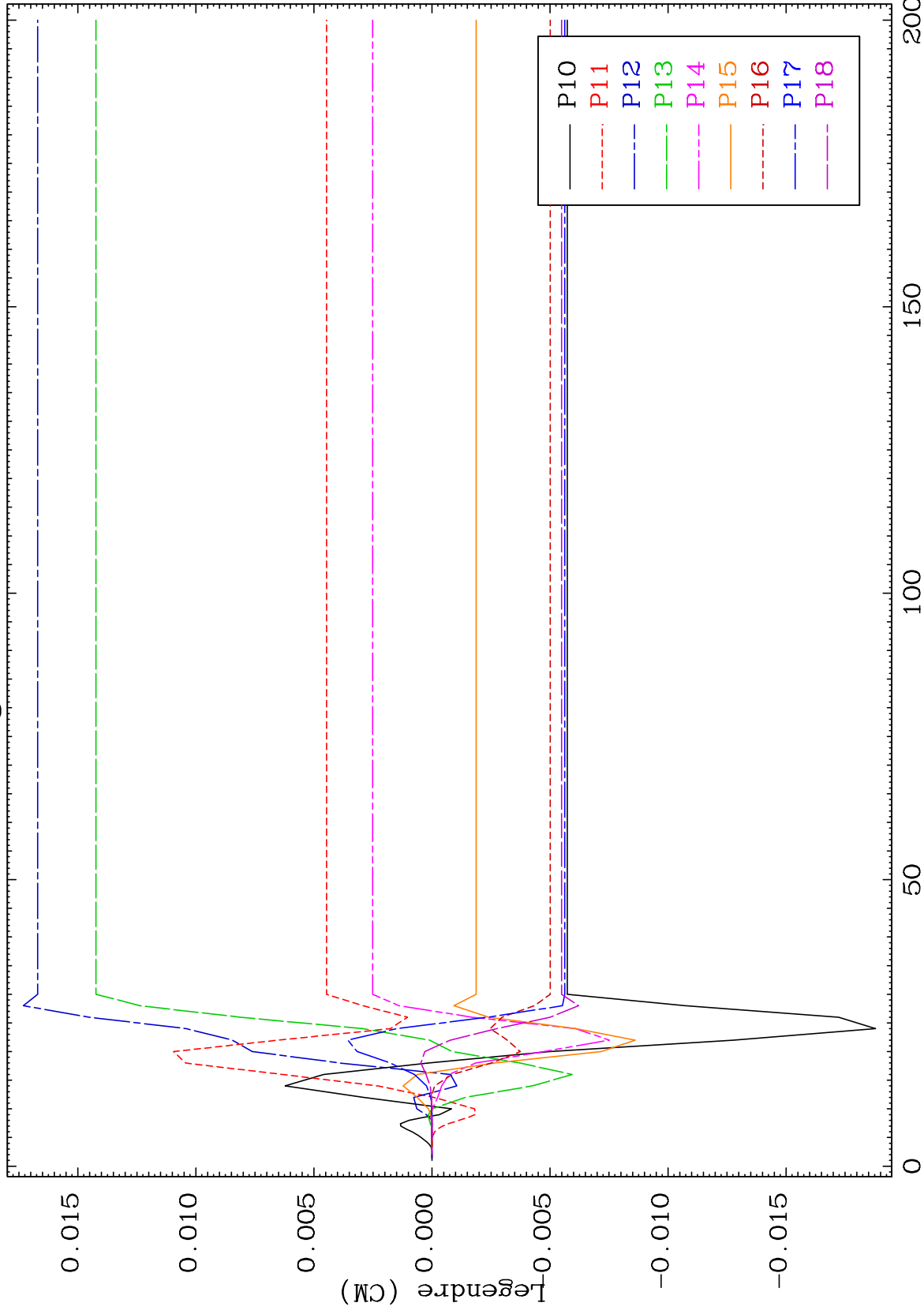
MAT 7501 MT= 61 (n,n') Level Legendre Coefficients 75-Re-177



MAT 7501

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

75-Re-177



61

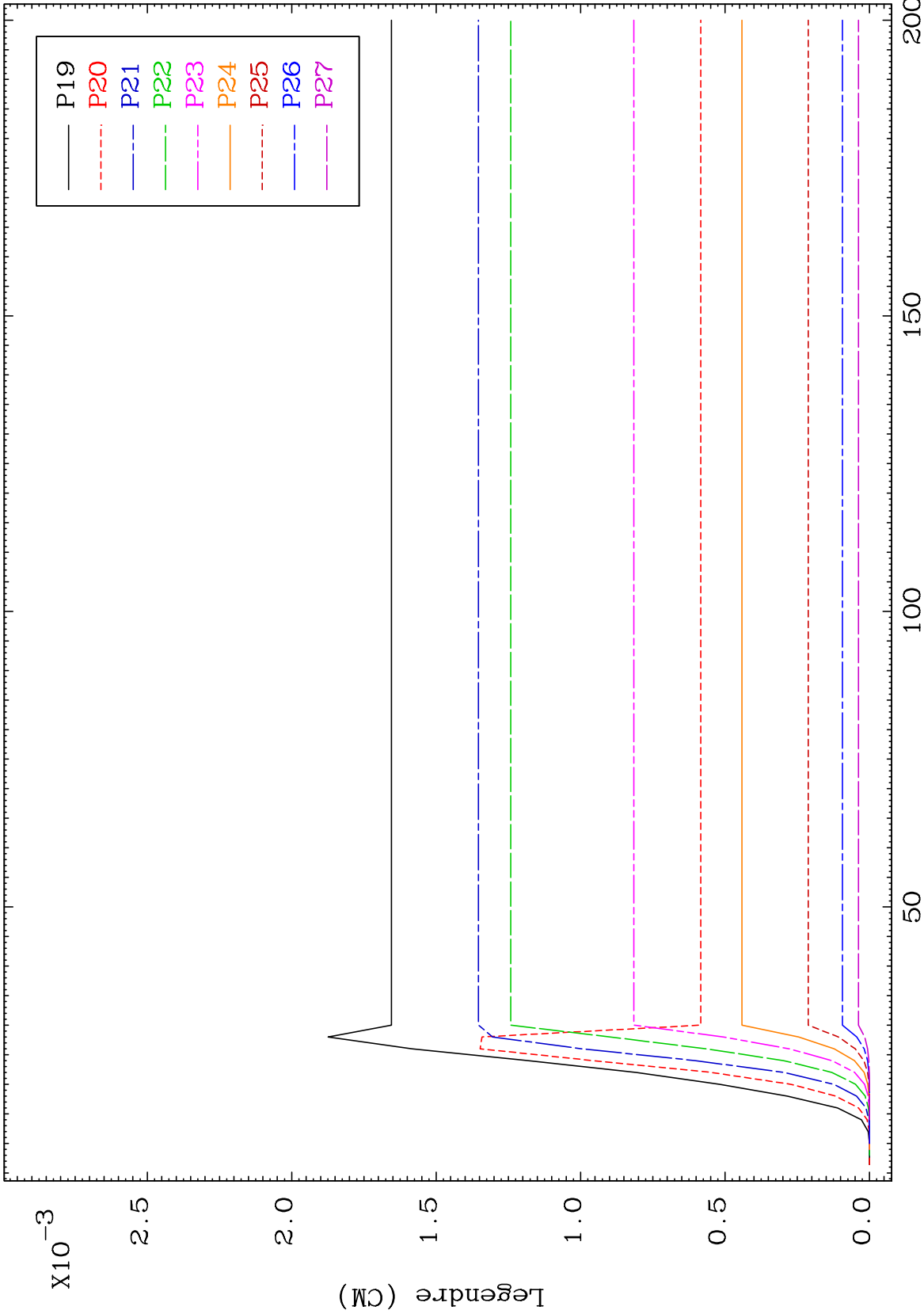
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



62

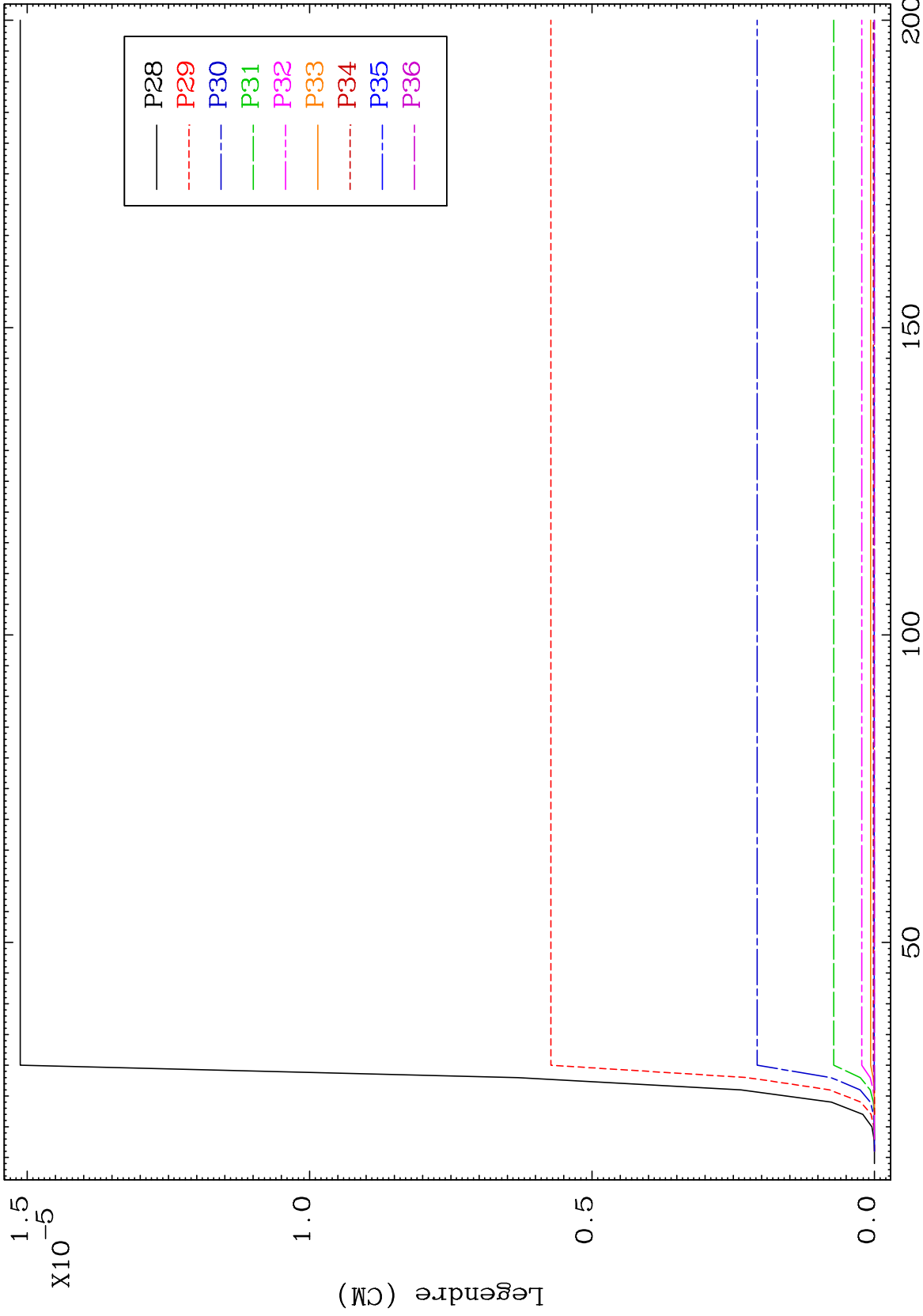
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



63

Incident Energy (MeV)

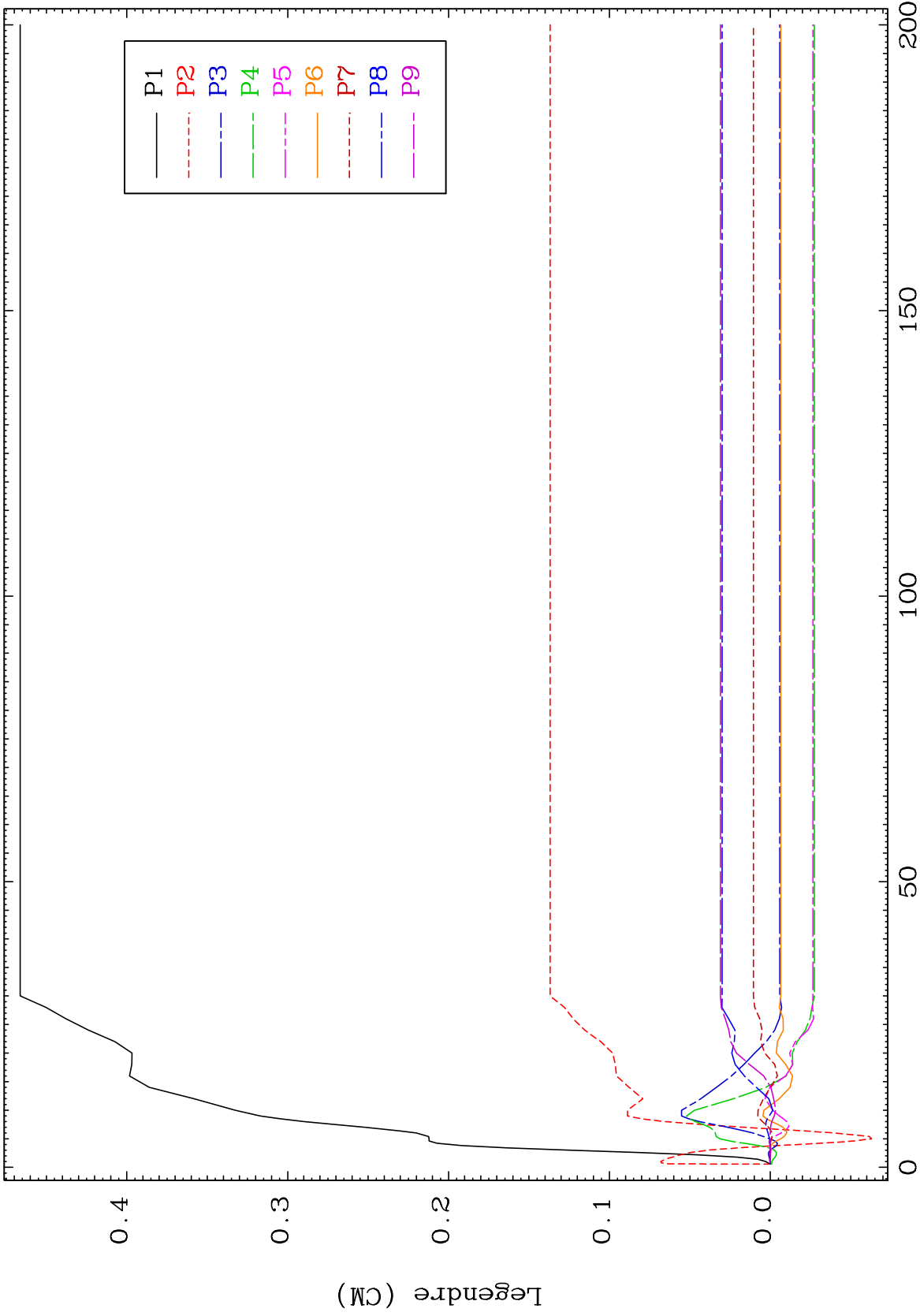
75-Re-177



MAT 7501

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

75-Re-177



64

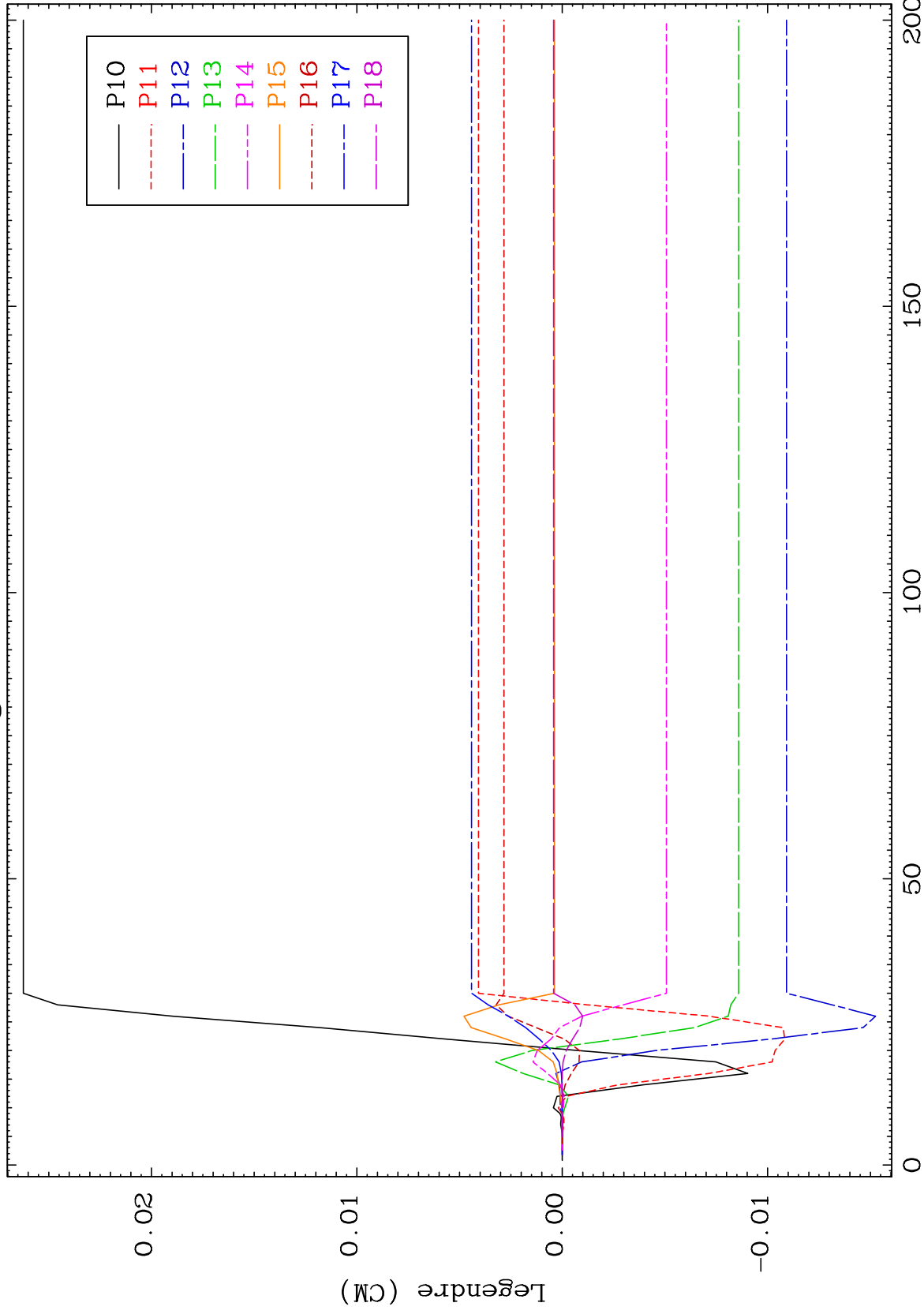
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



65

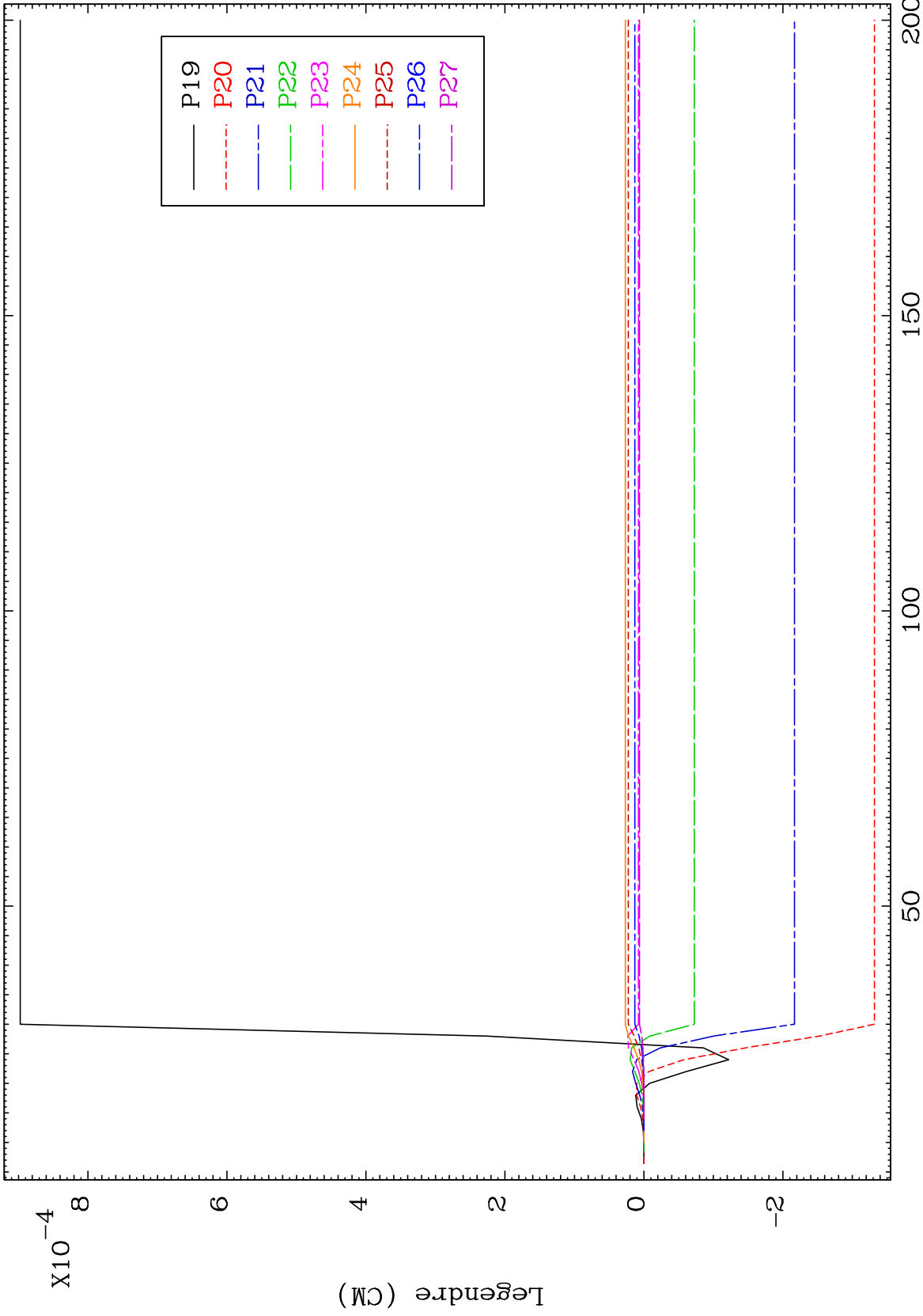
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



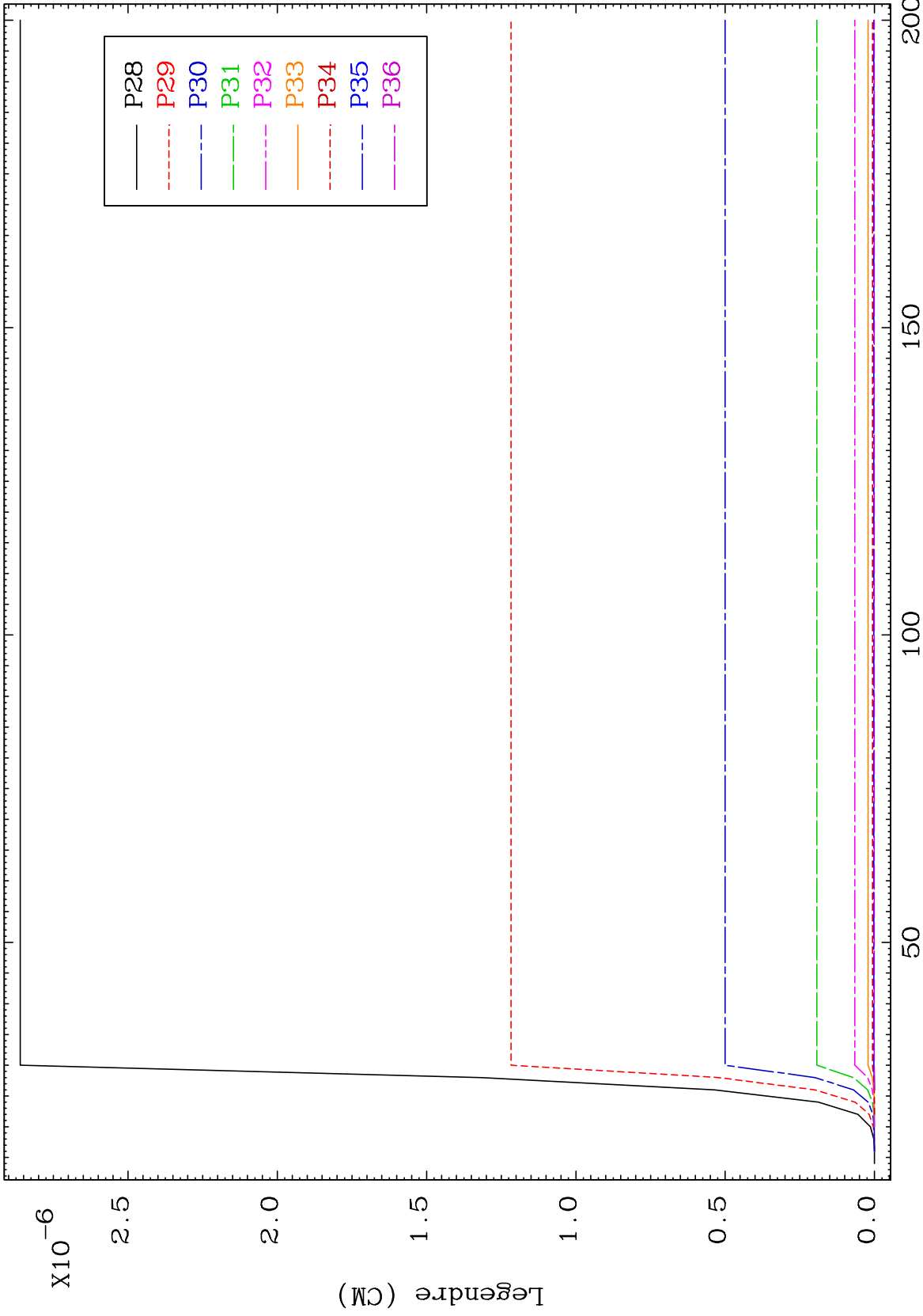
66

75-Re-177

MAT 7501

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

75-Re-177

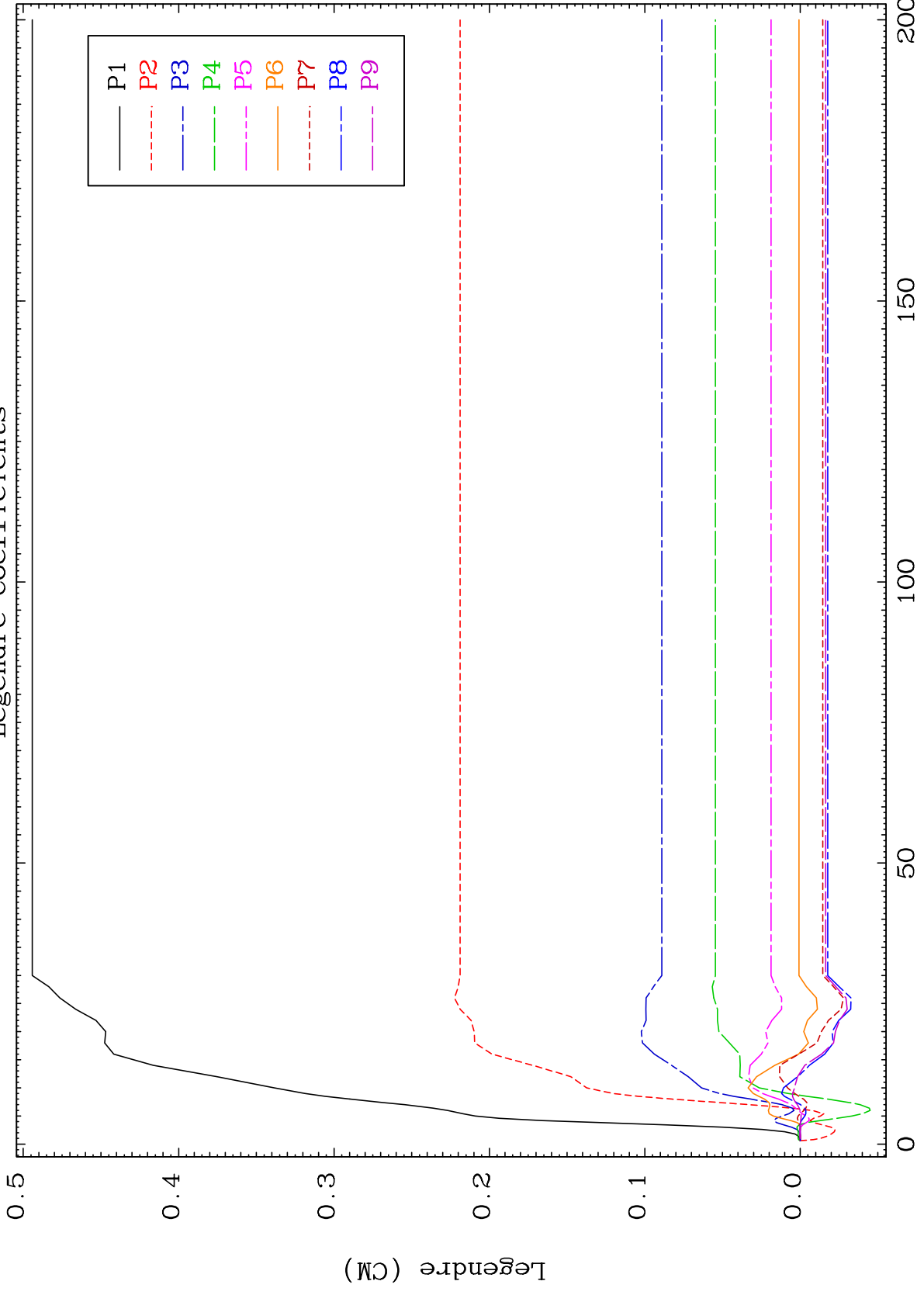


67

Incident Energy (MeV)

75-Re-177

MAT 7501 MT= 63 (n,n') Level Legendre Coefficients 75-Re-177

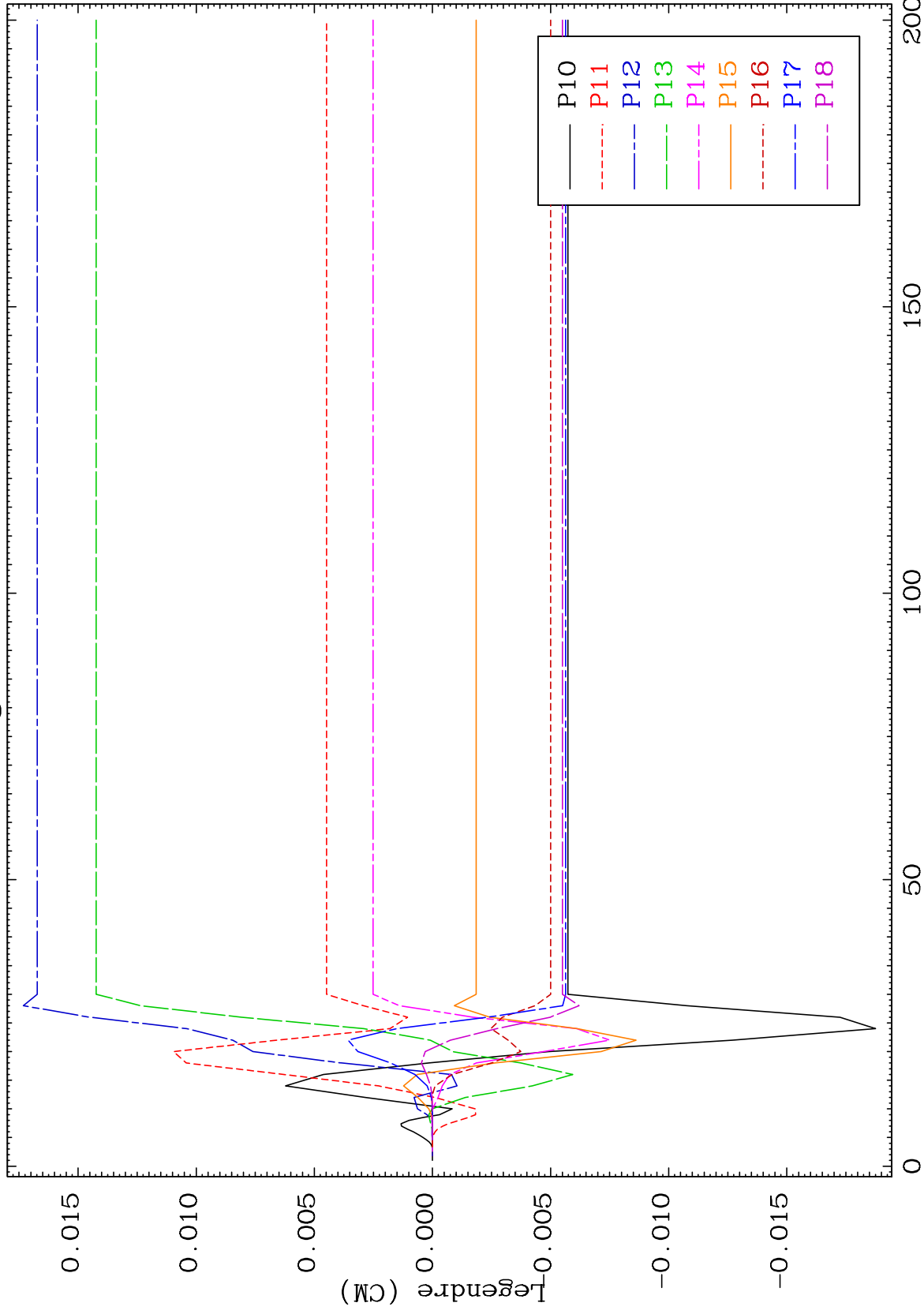


68 75-Re-177

MAT 7501

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

75-Re-177



69

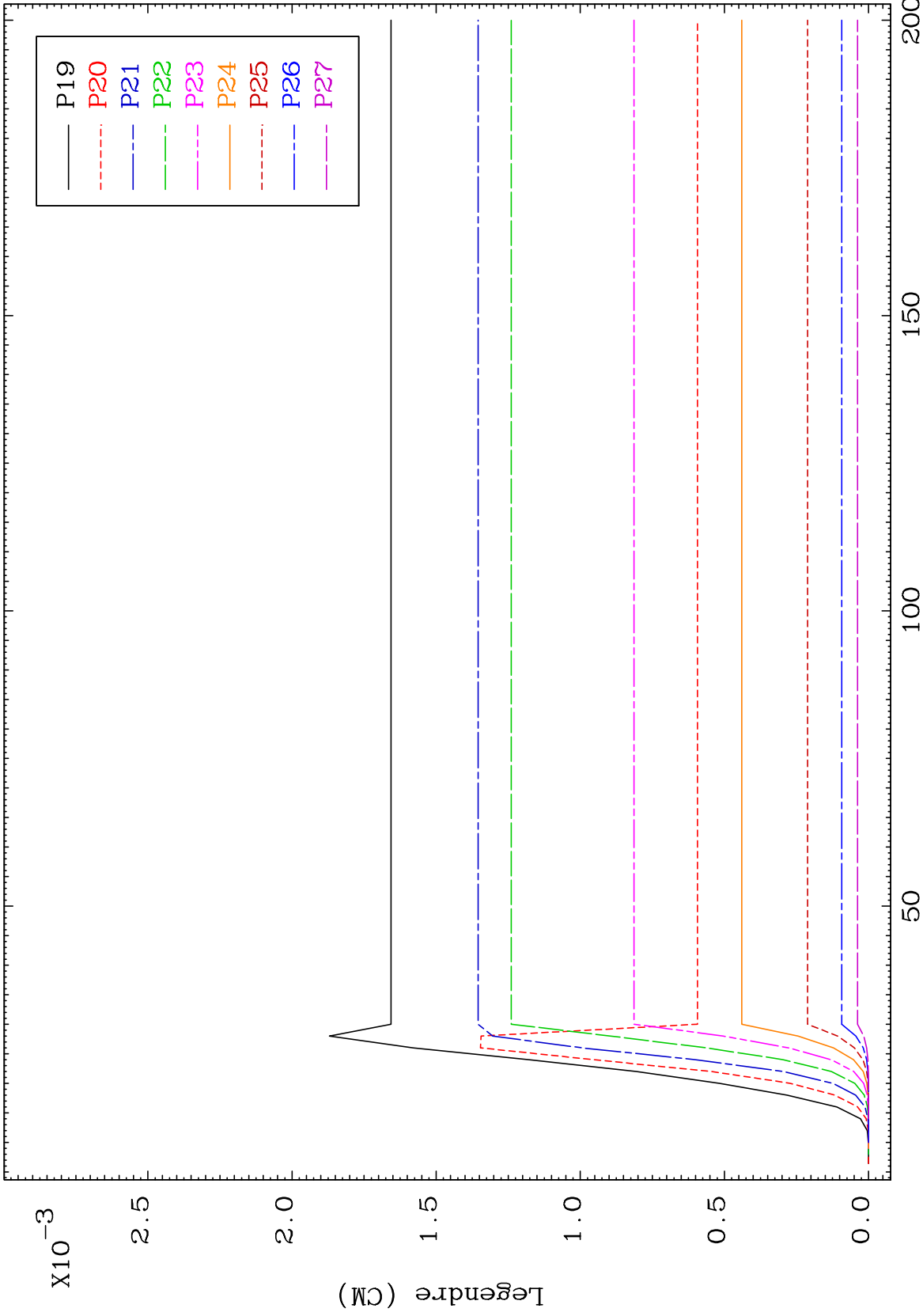
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



70

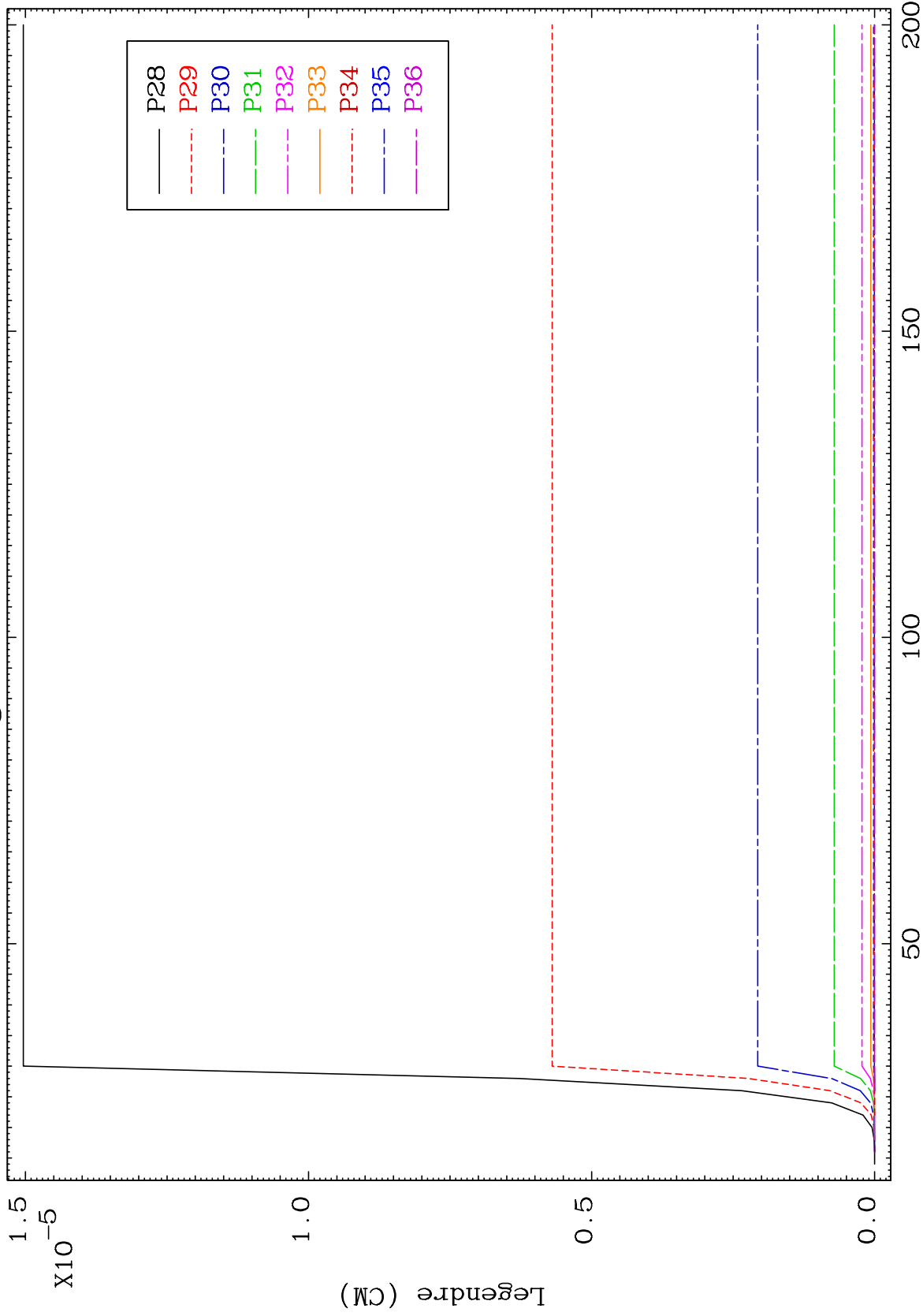
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



71

Incident Energy (MeV)

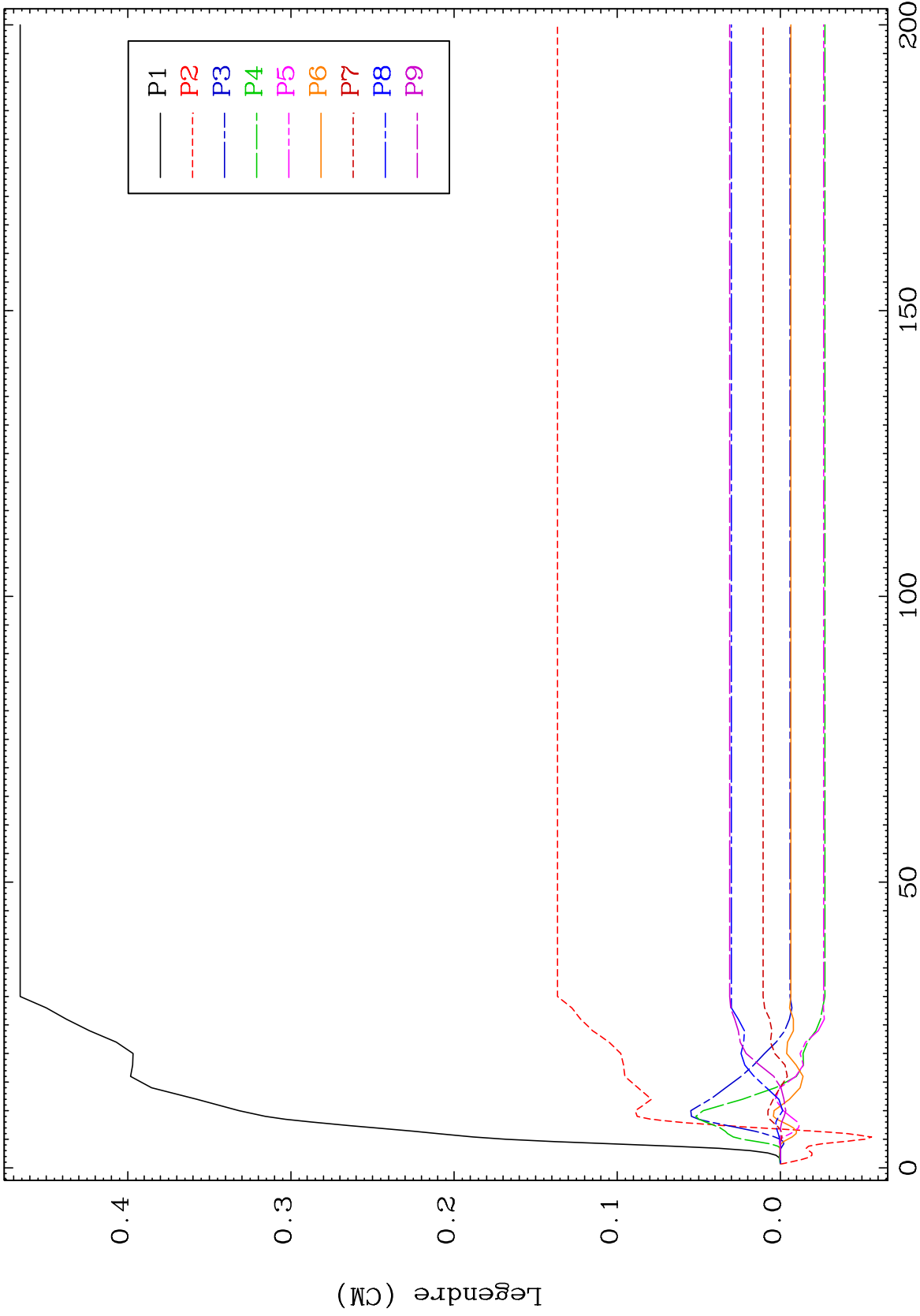
75-Re-177



MAT 7501

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

75-Re-177



72

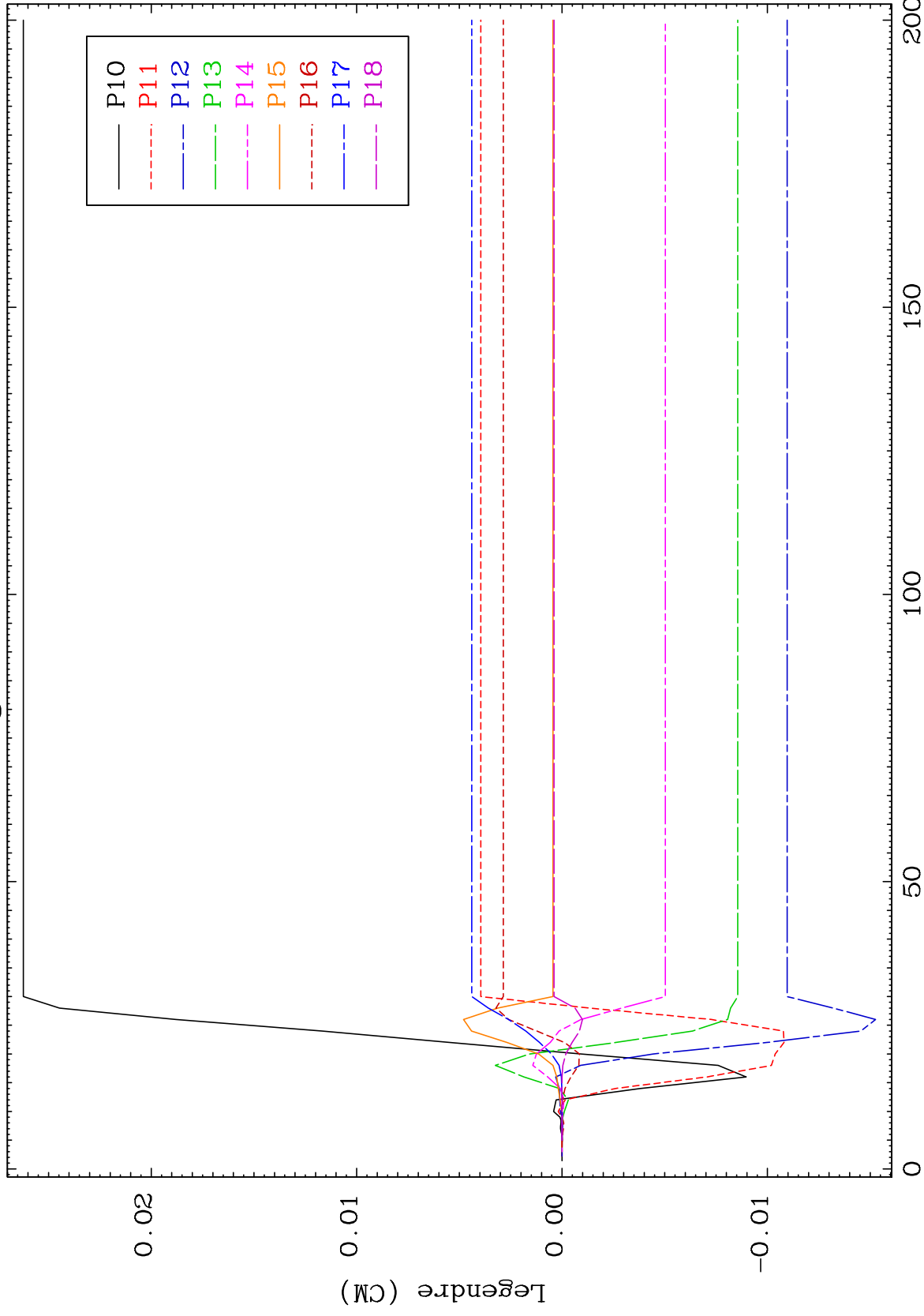
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



73

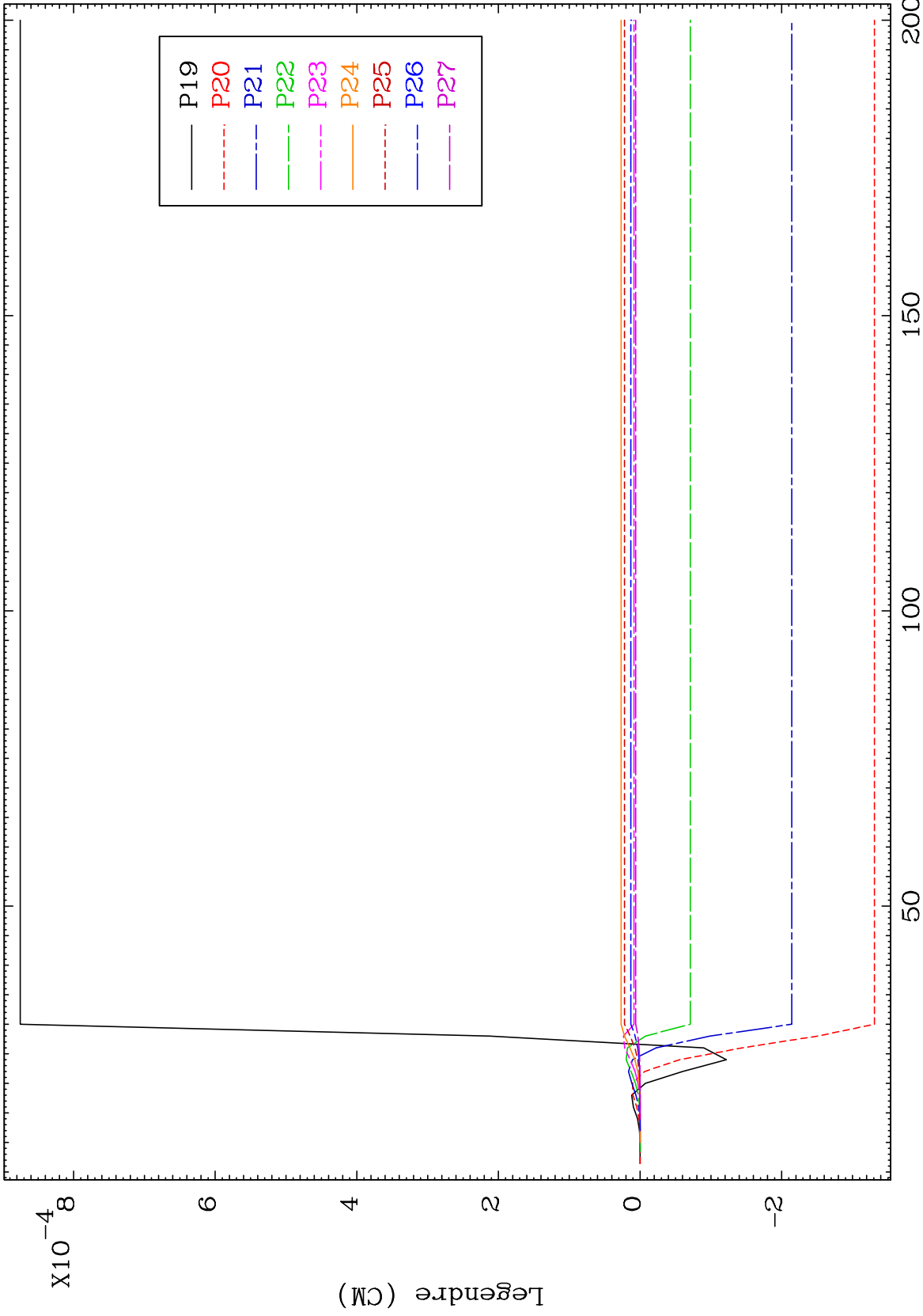
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



74

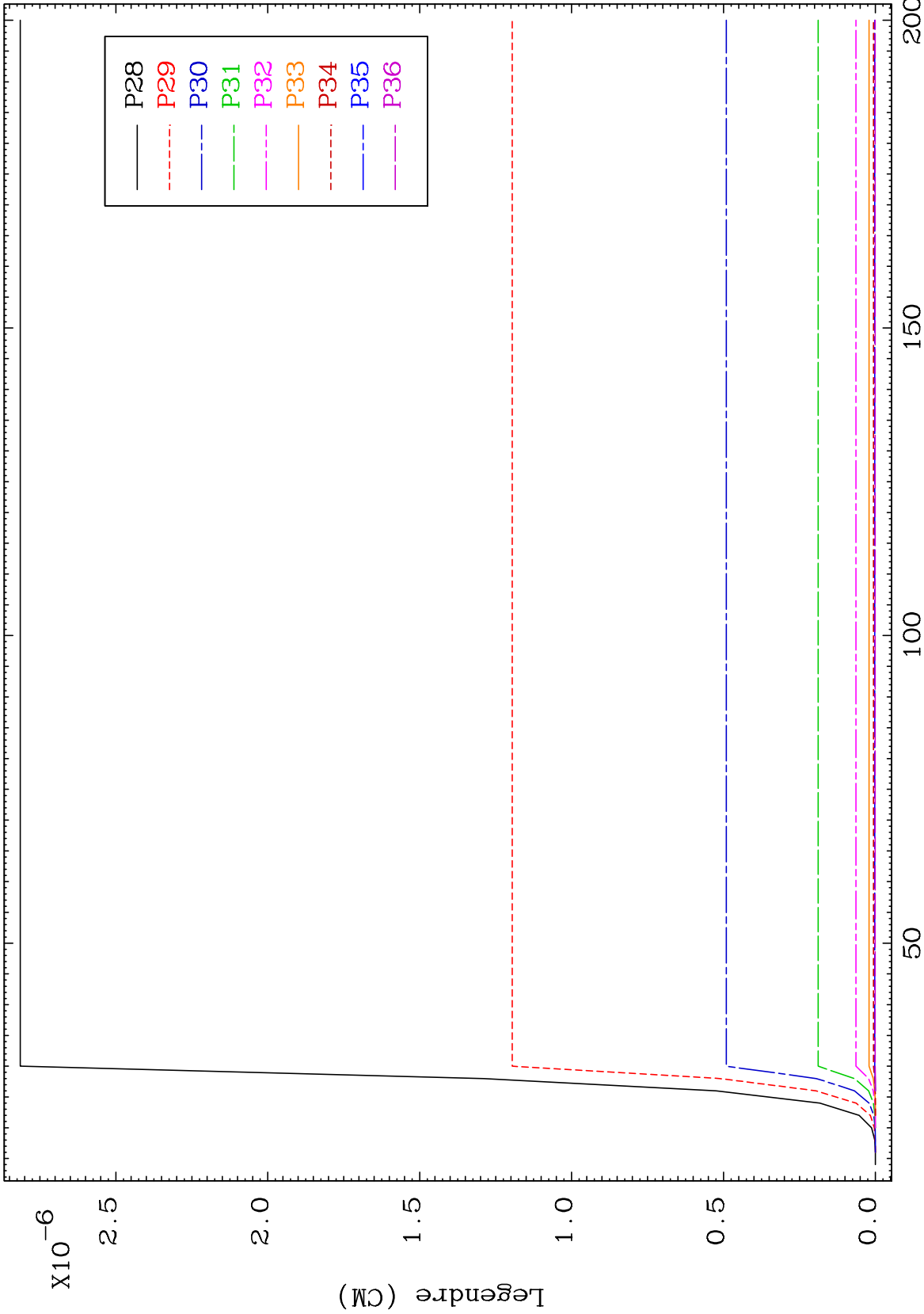
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



75

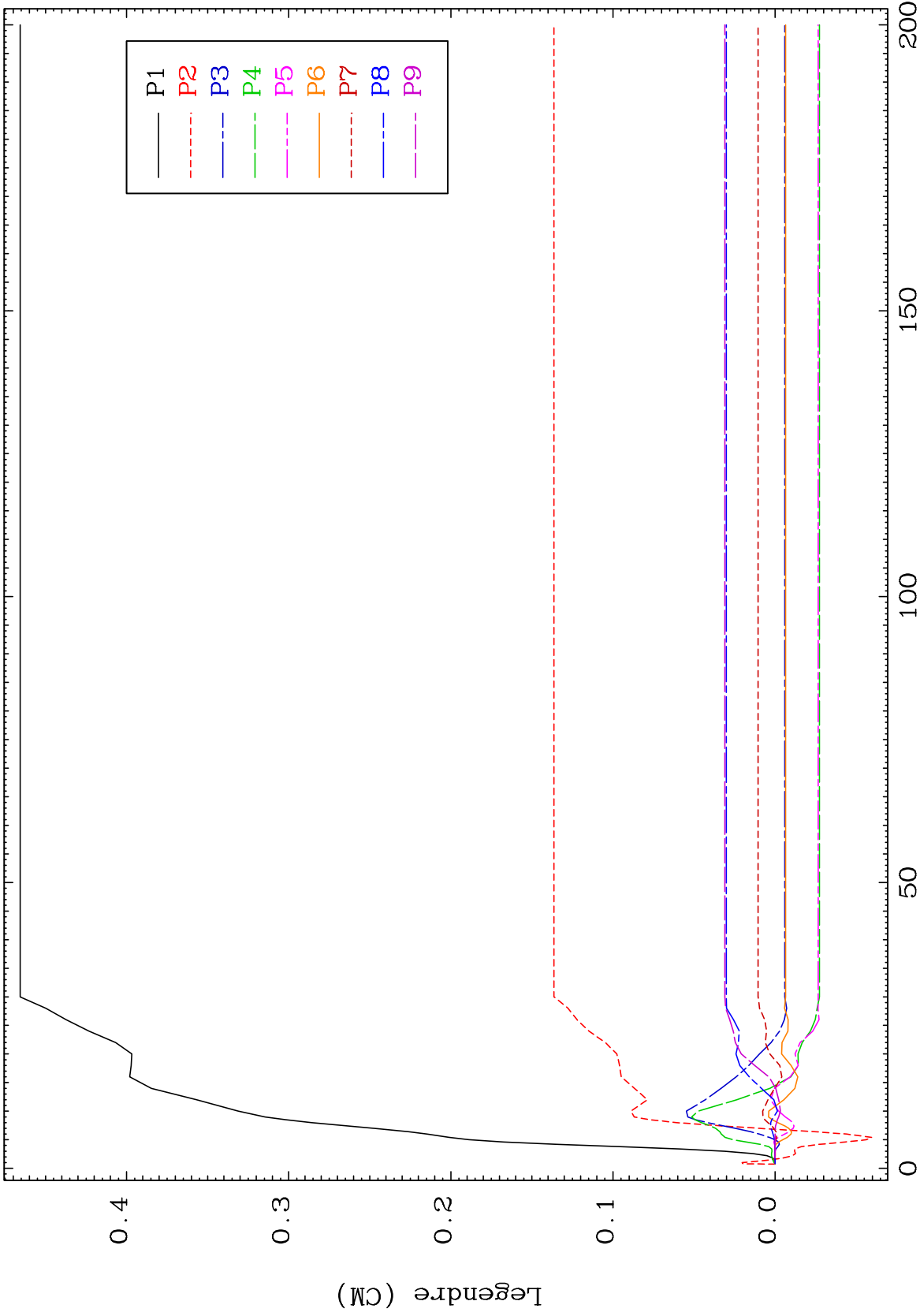
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



76

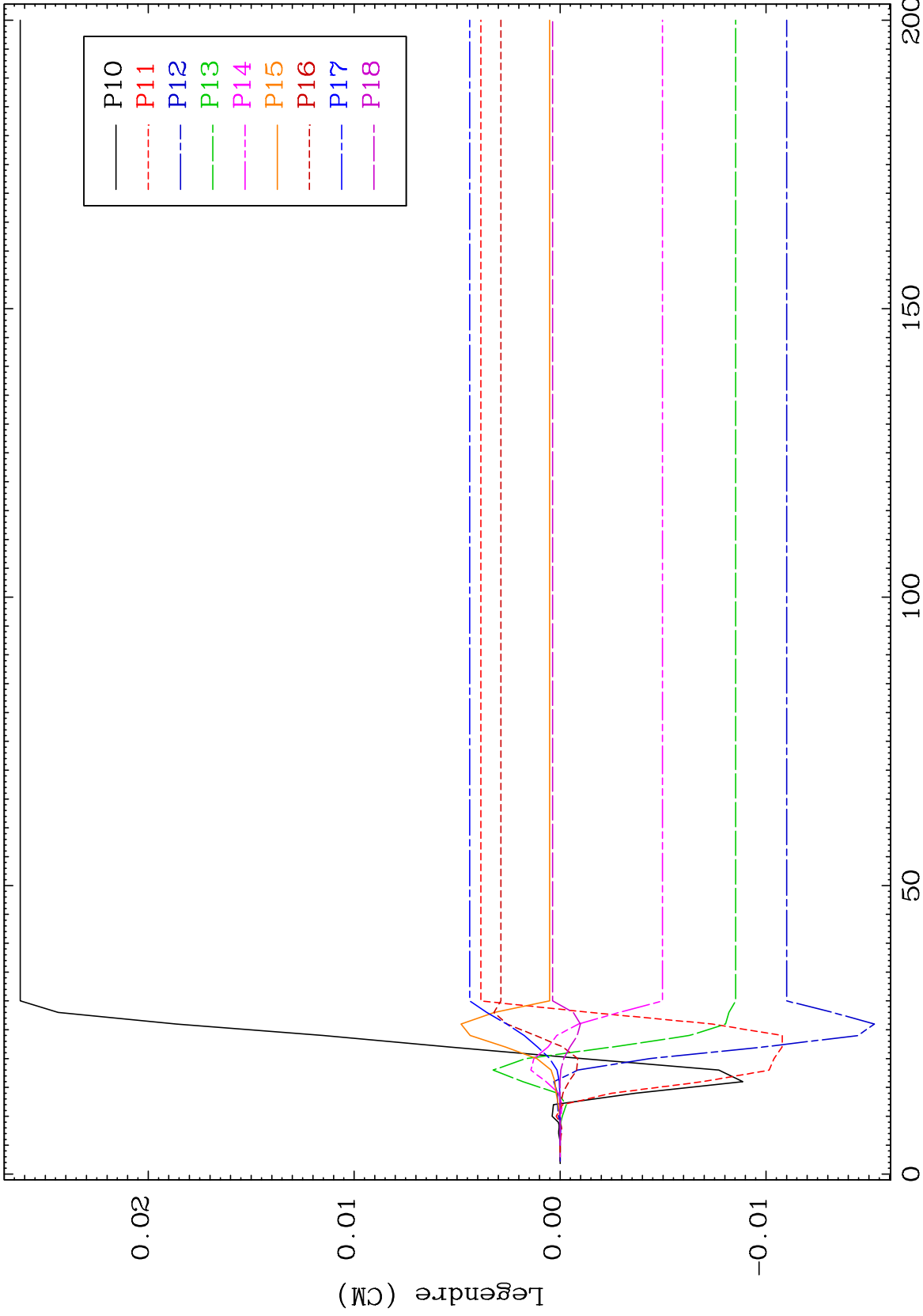
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



77

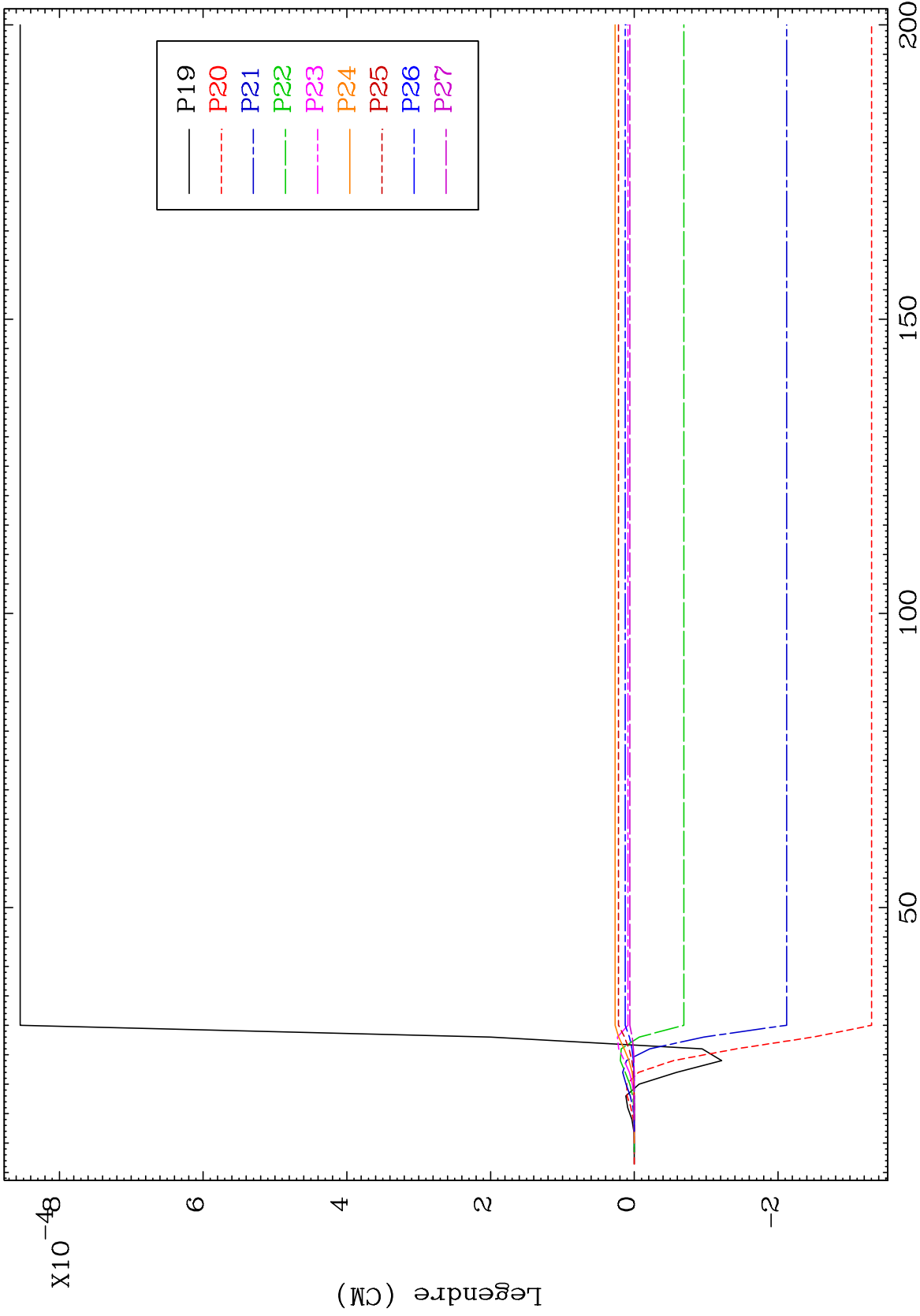
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



78

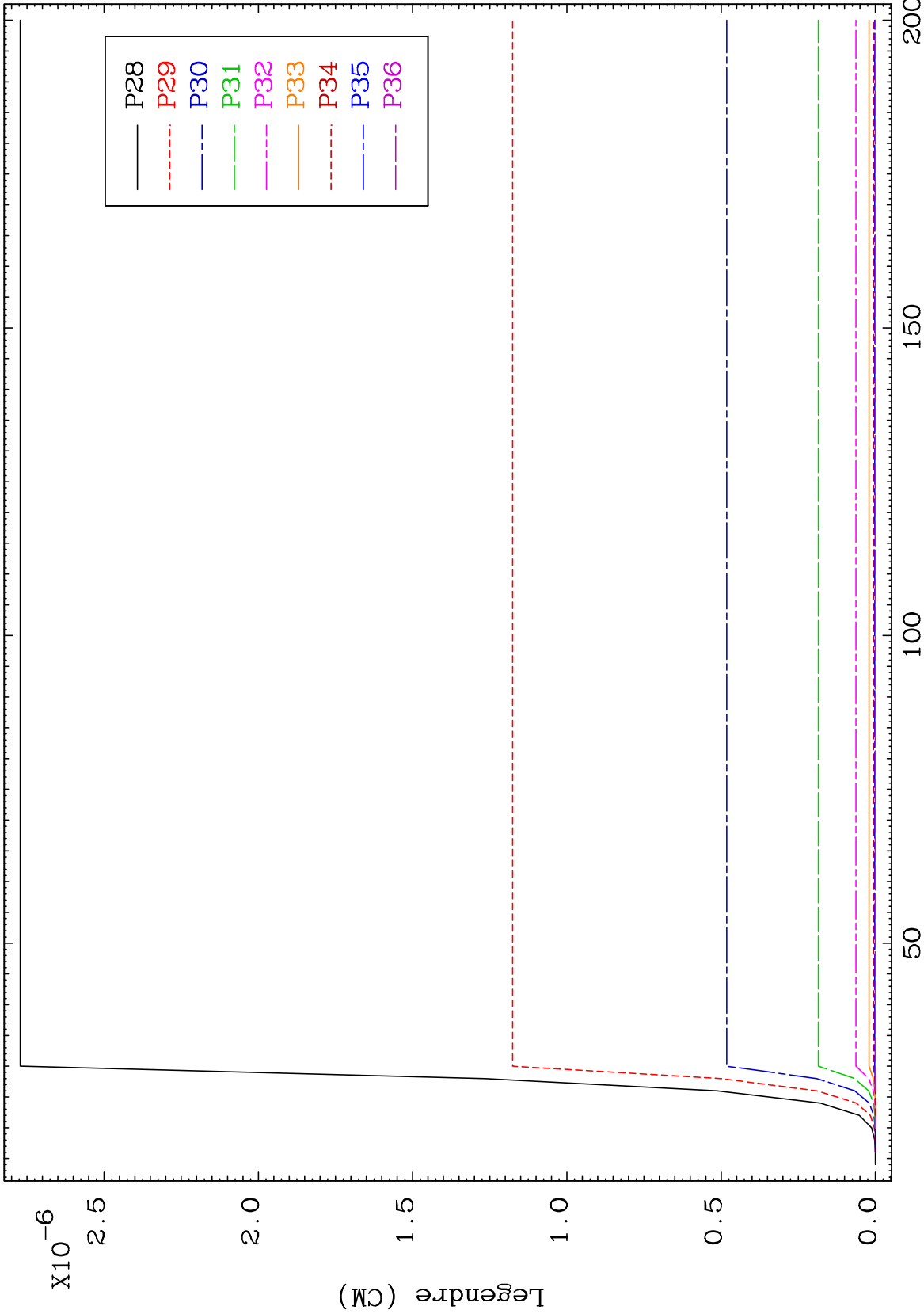
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



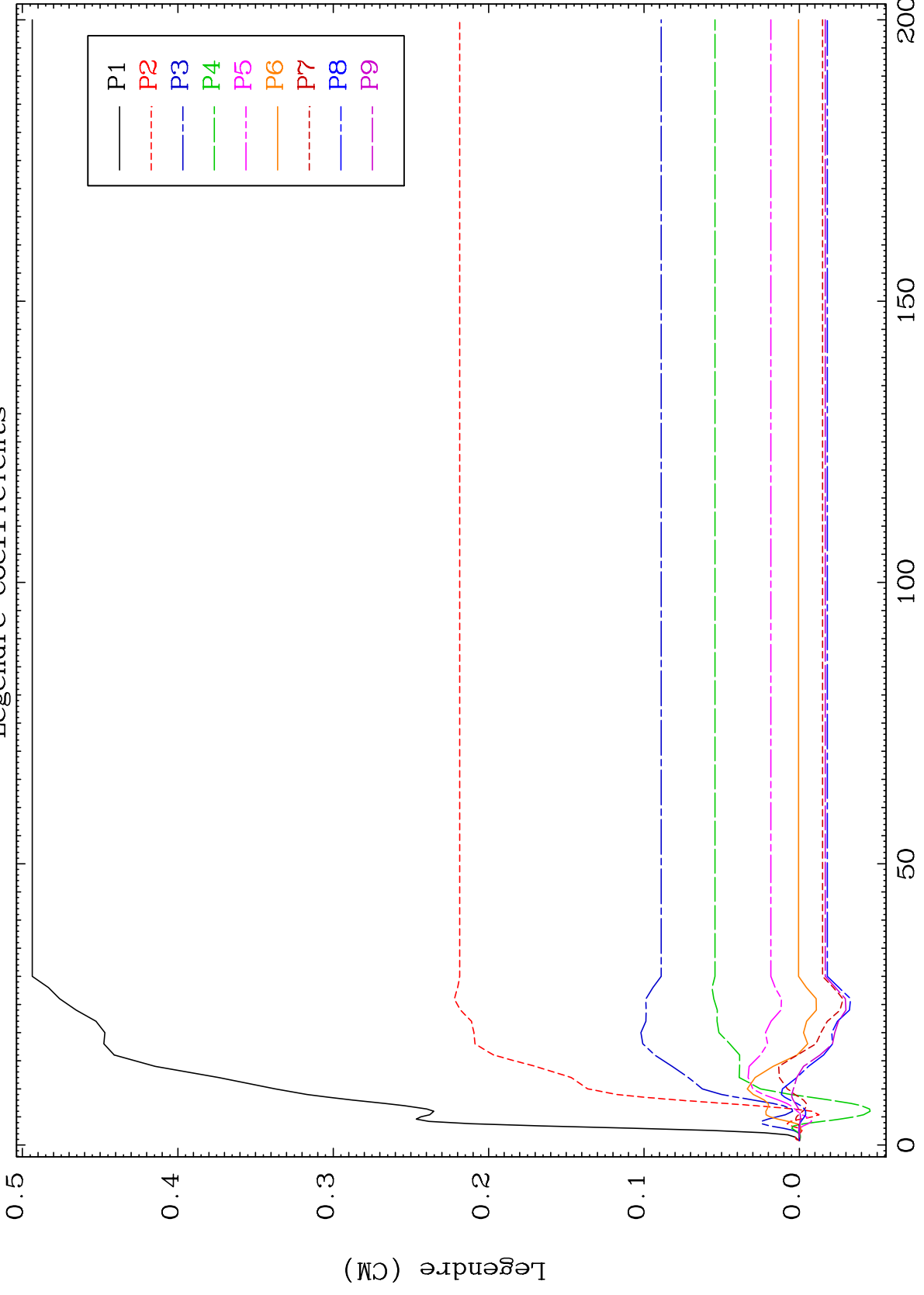
79

Incident Energy (MeV)

75-Re-177



MAT 7501 MT= 66 (n,n') Level Legendre Coefficients 75-Re-177

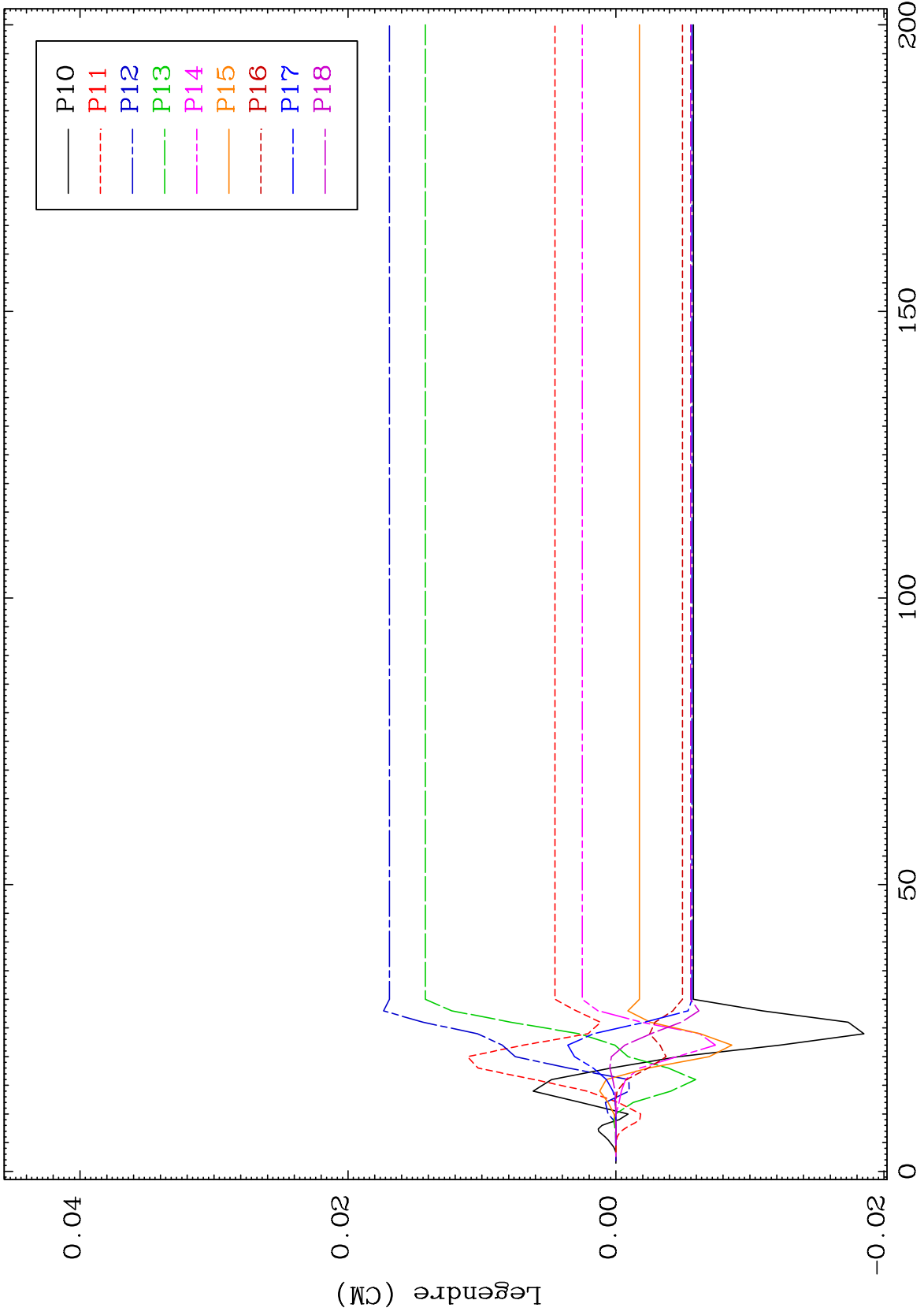


80 100 150 200 75-Re-177

MAT 7501

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

75-Re-177

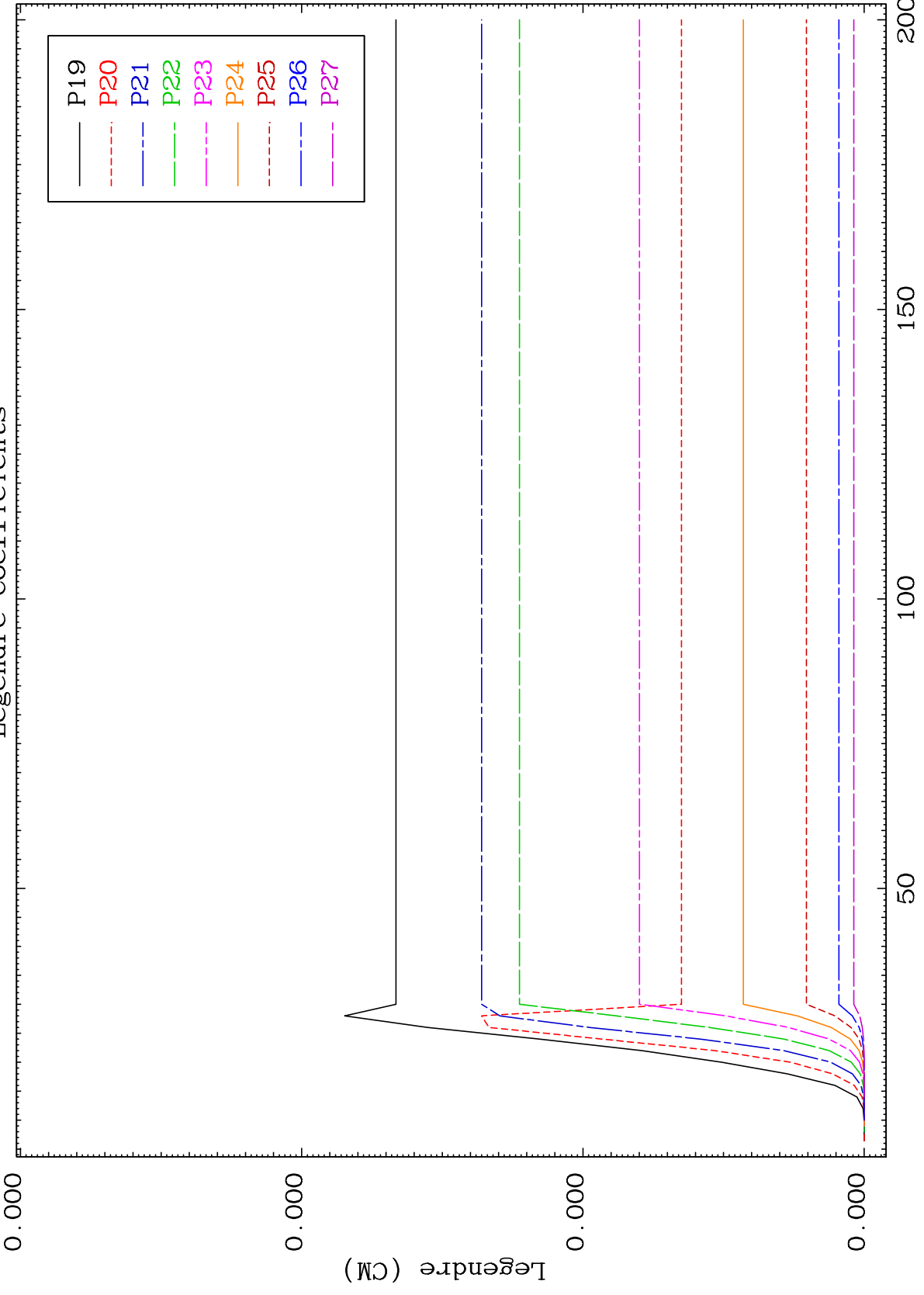


81

Incident Energy (MeV)

75-Re-177

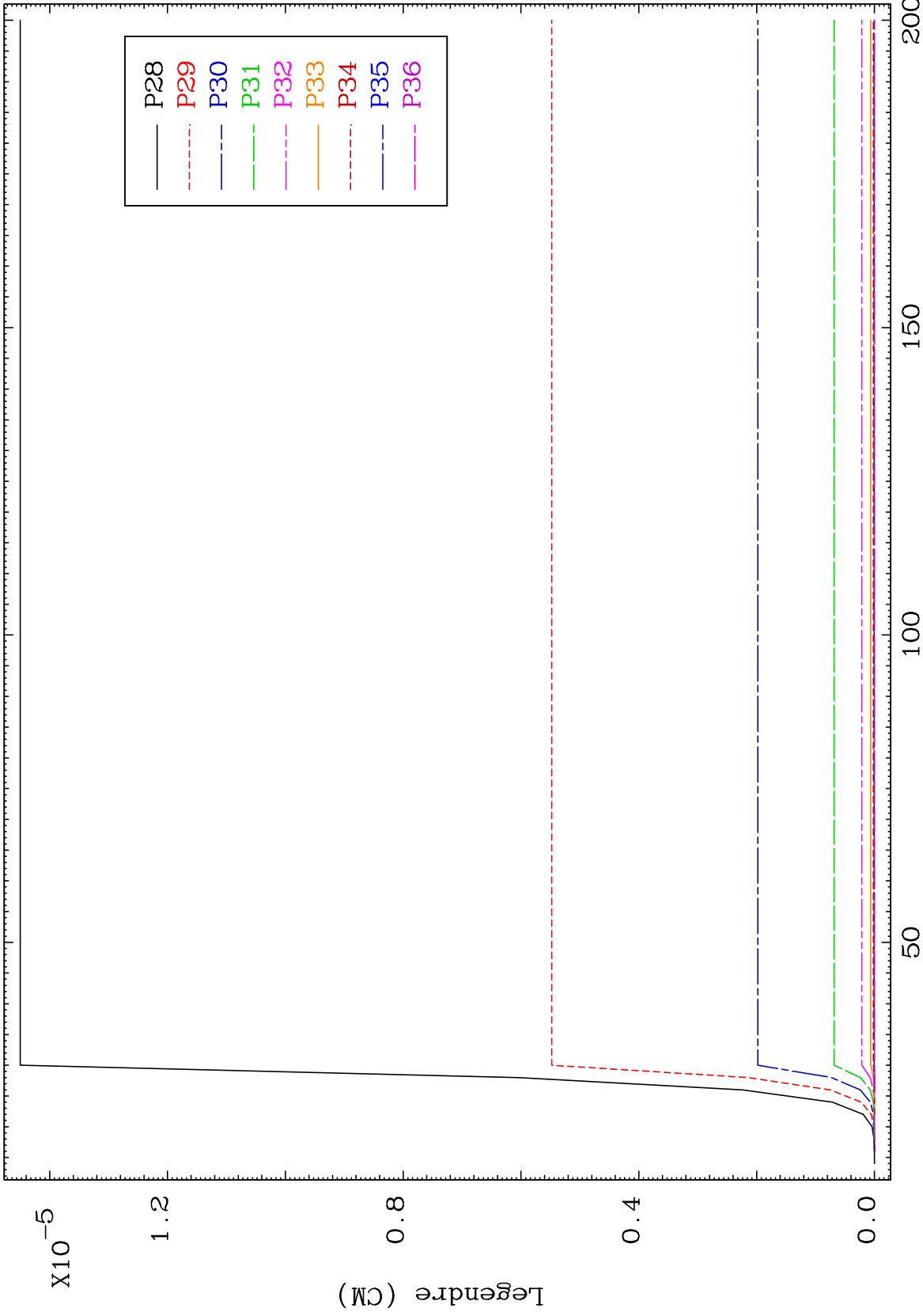
MAT 7501 MT= 66 (n,n') Level Legendre Coefficients 75-Re-177



MAT 7501

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

75-Re-177

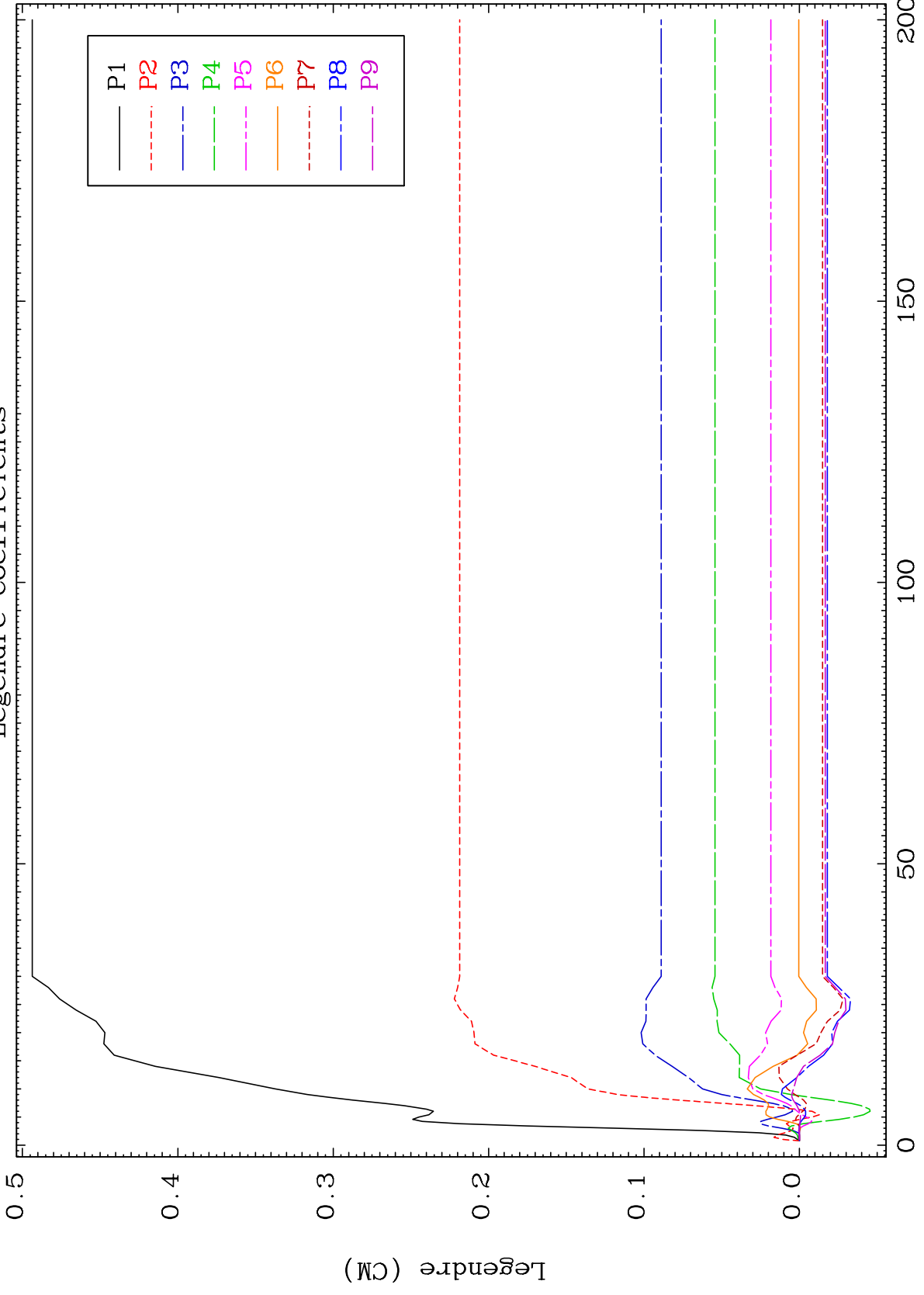


83

Incident Energy (MeV)

75-Re-177

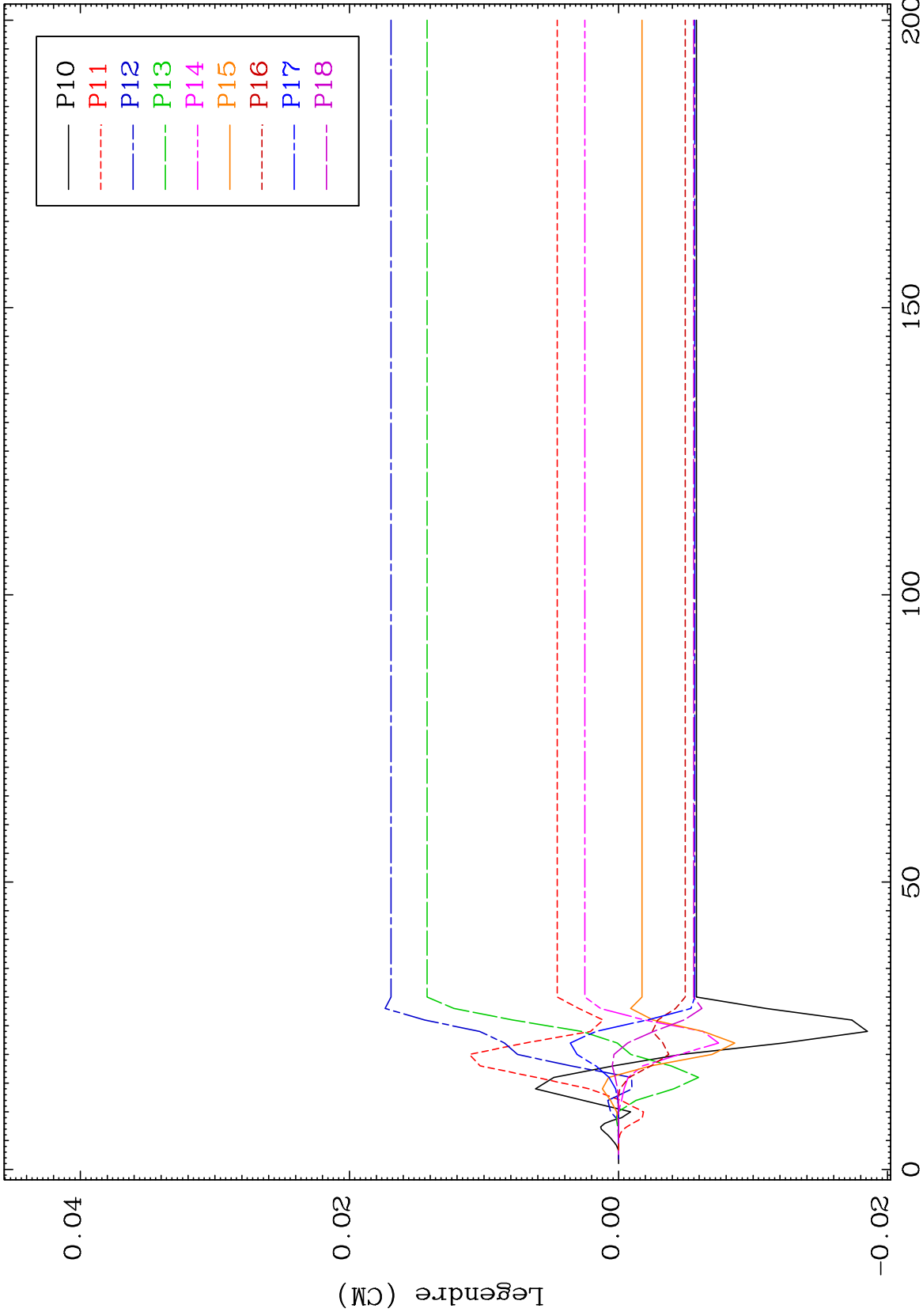
MAT 7501 MT= 67 (n,n') Level Legendre Coefficients 75-Re-177



MAT 7501

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

75-Re-177

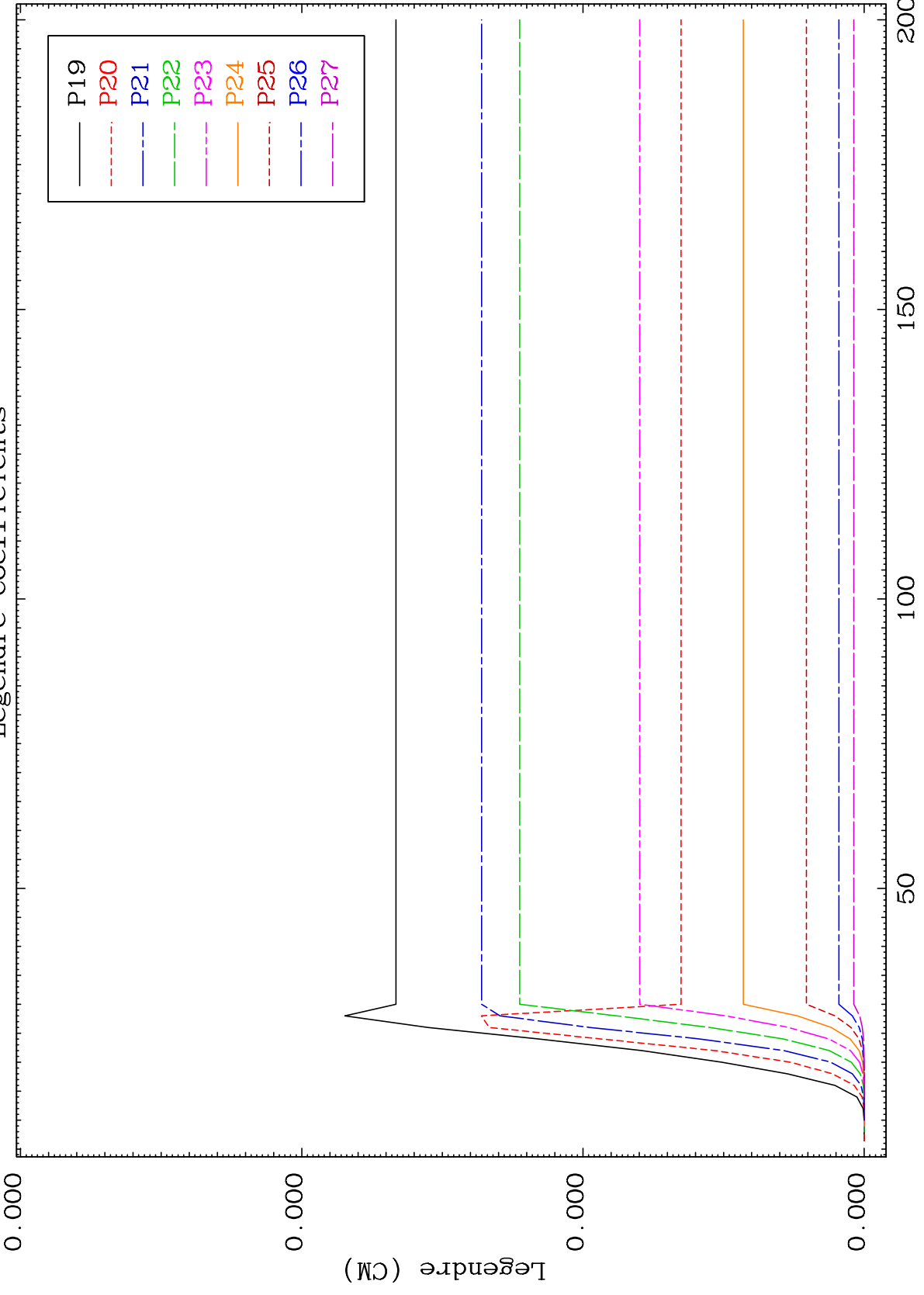


85

Incident Energy (MeV)

75-Re-177

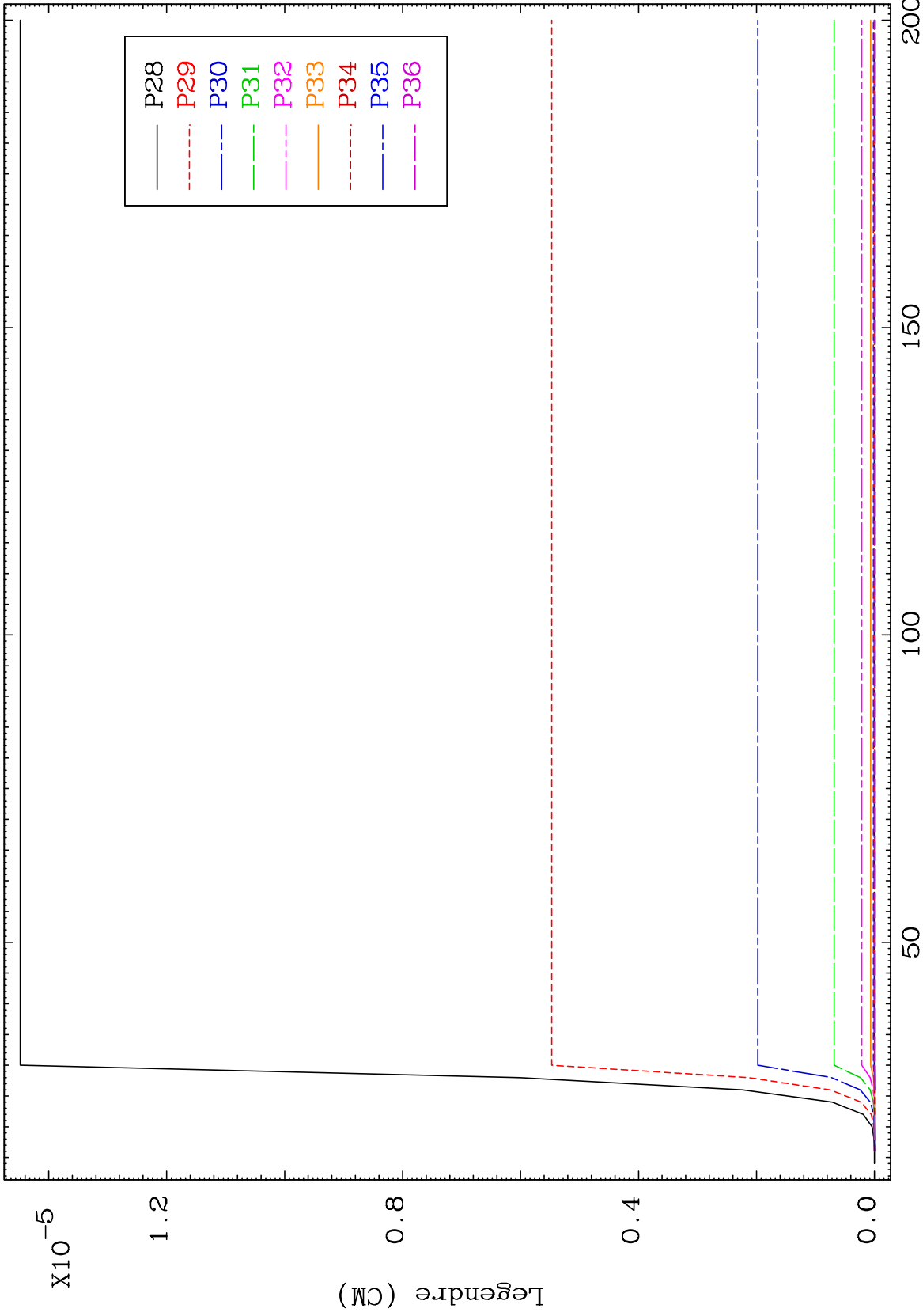
MAT 7501 MT= 67 (n,n') Level Legendre Coefficients 75-Re-177



MAT 7501

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

75-Re-177



87

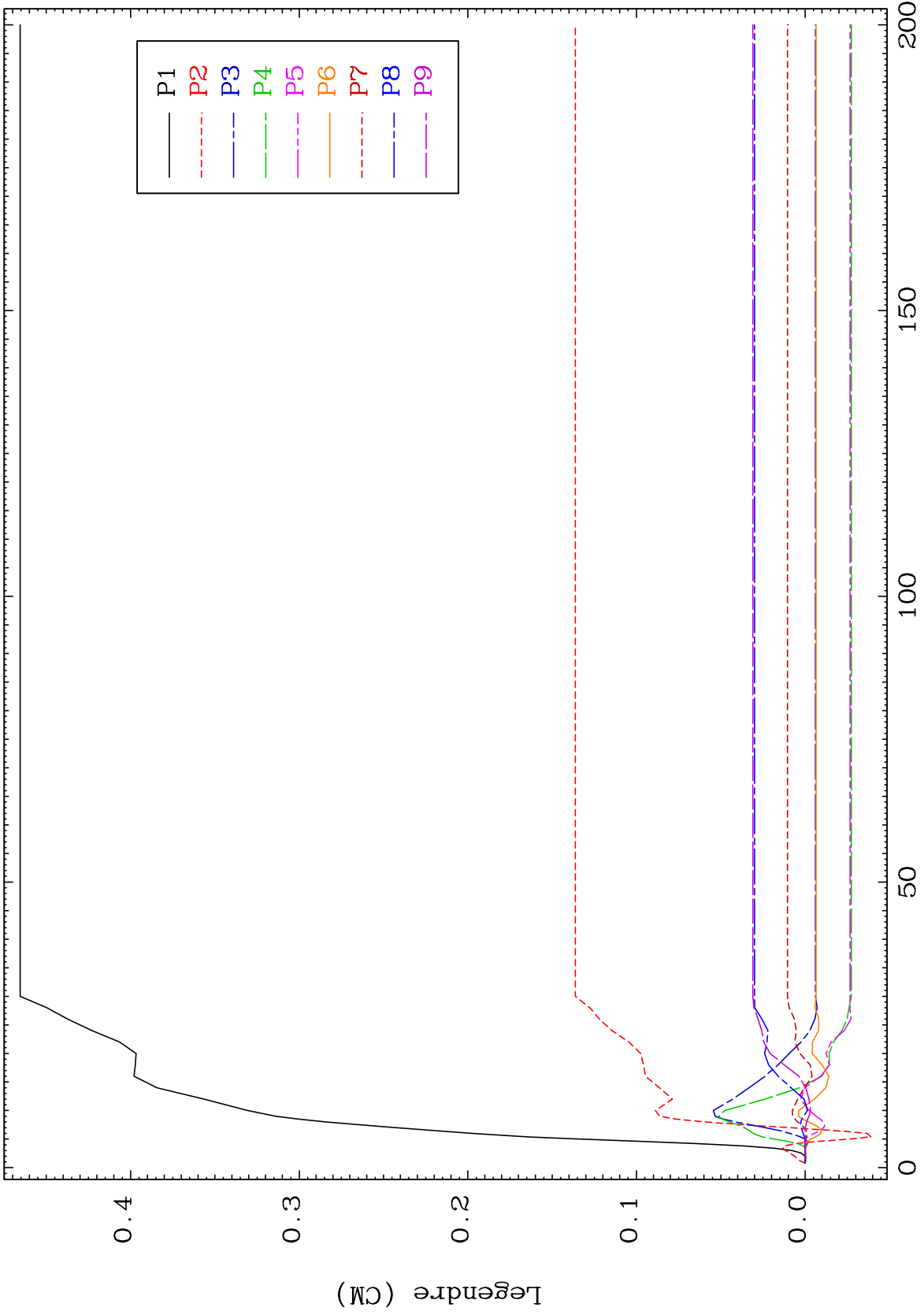
75-Re-177



MAT 7501

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

75-Re-177



88

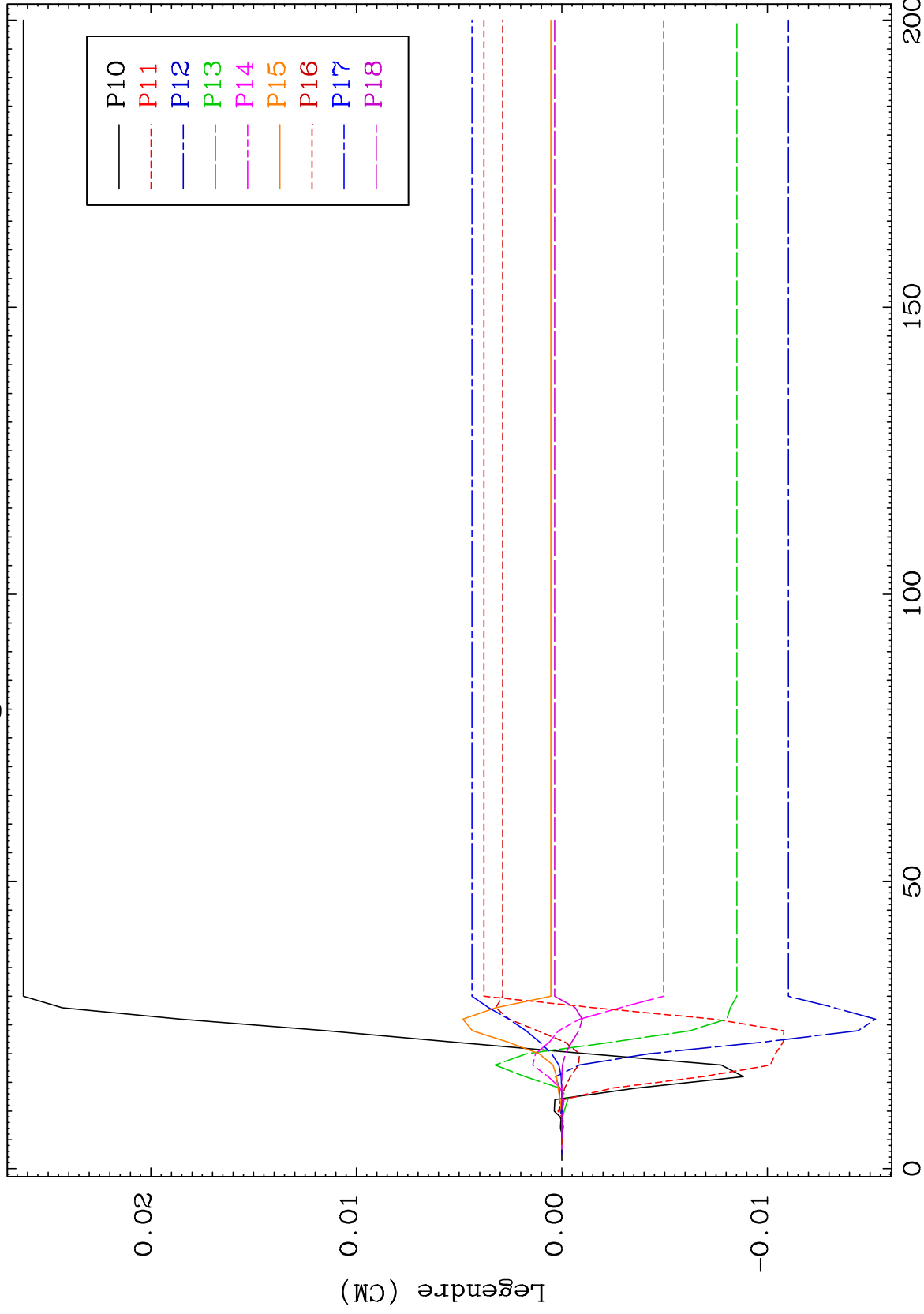
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



89

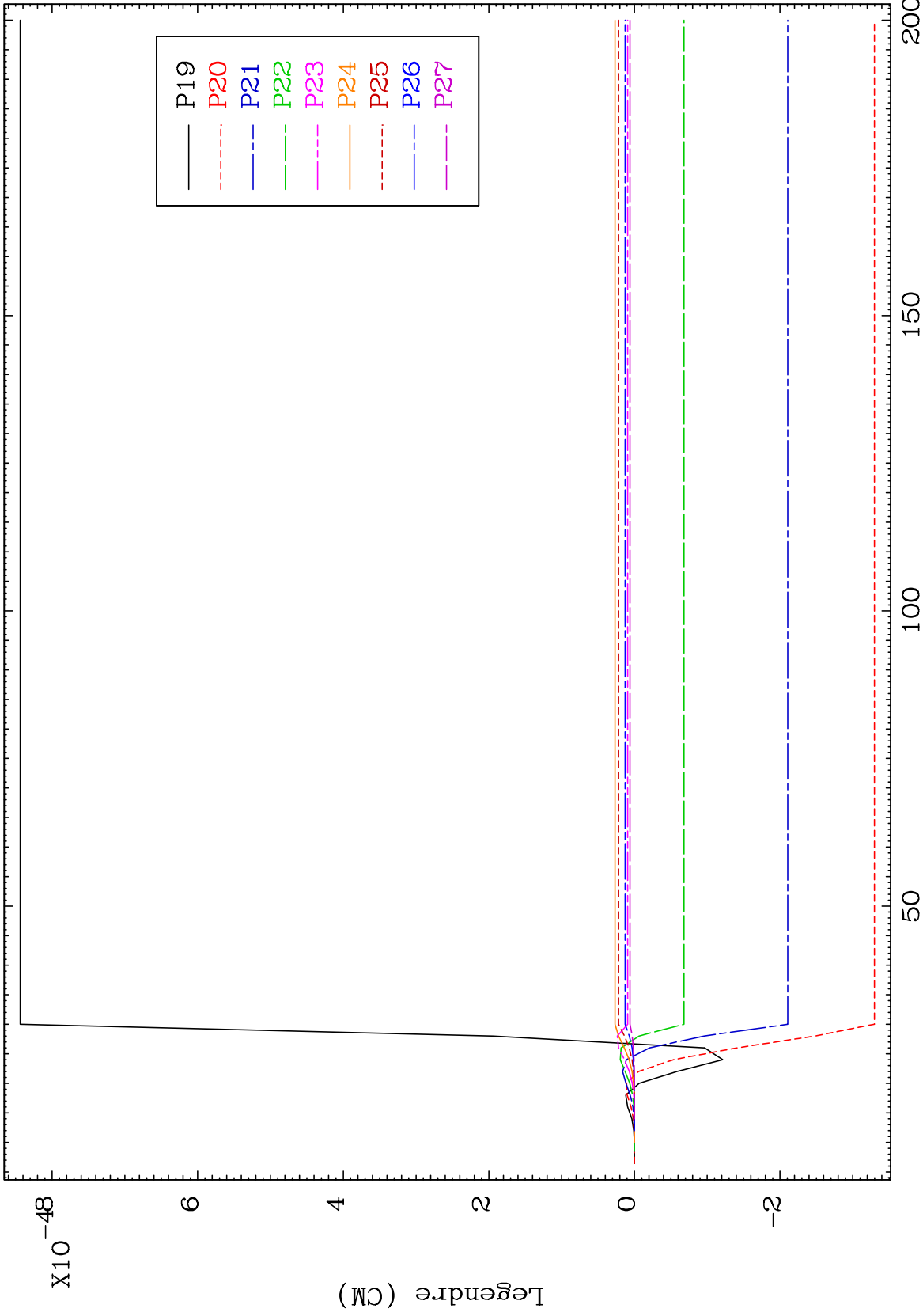
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



90

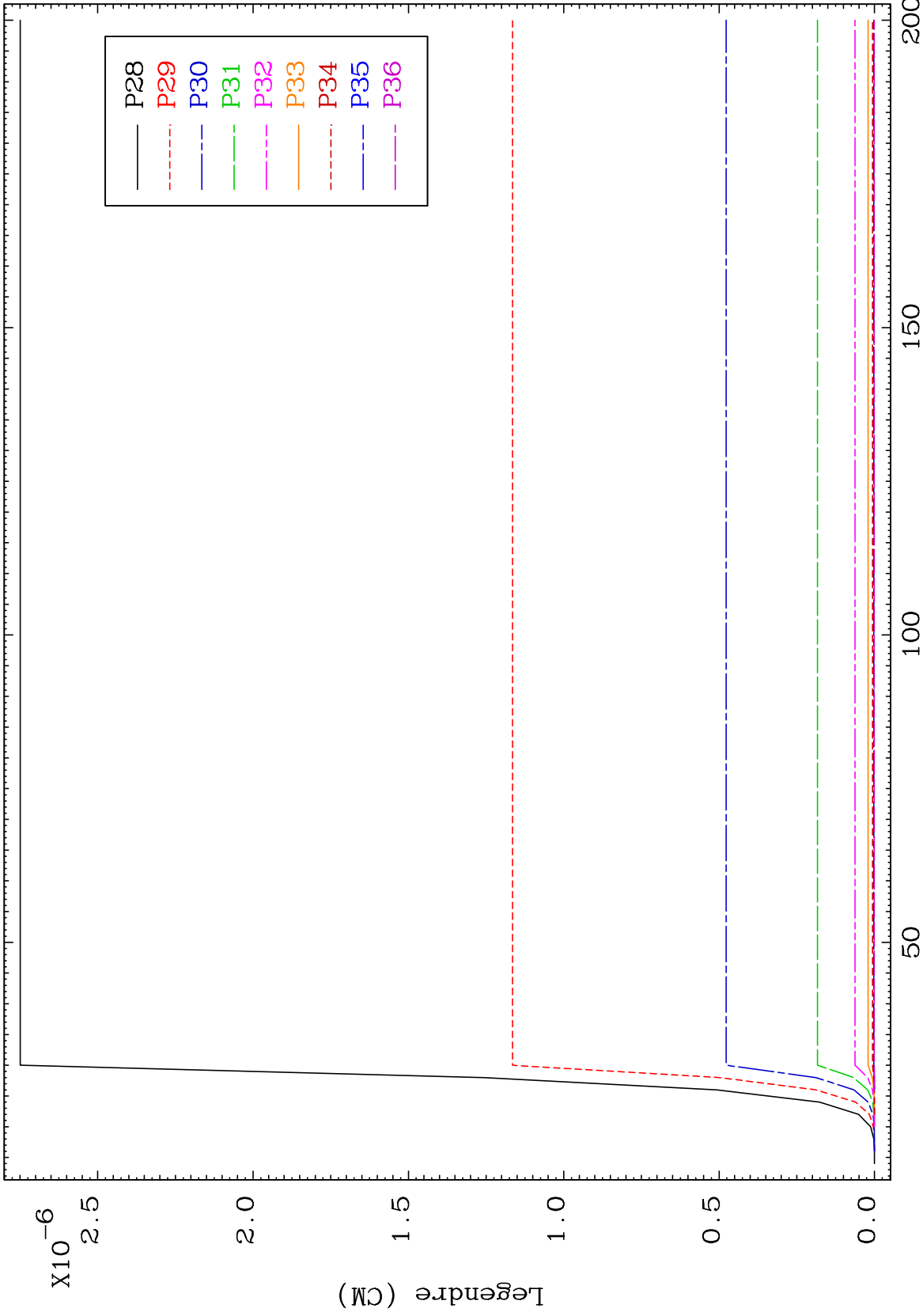
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



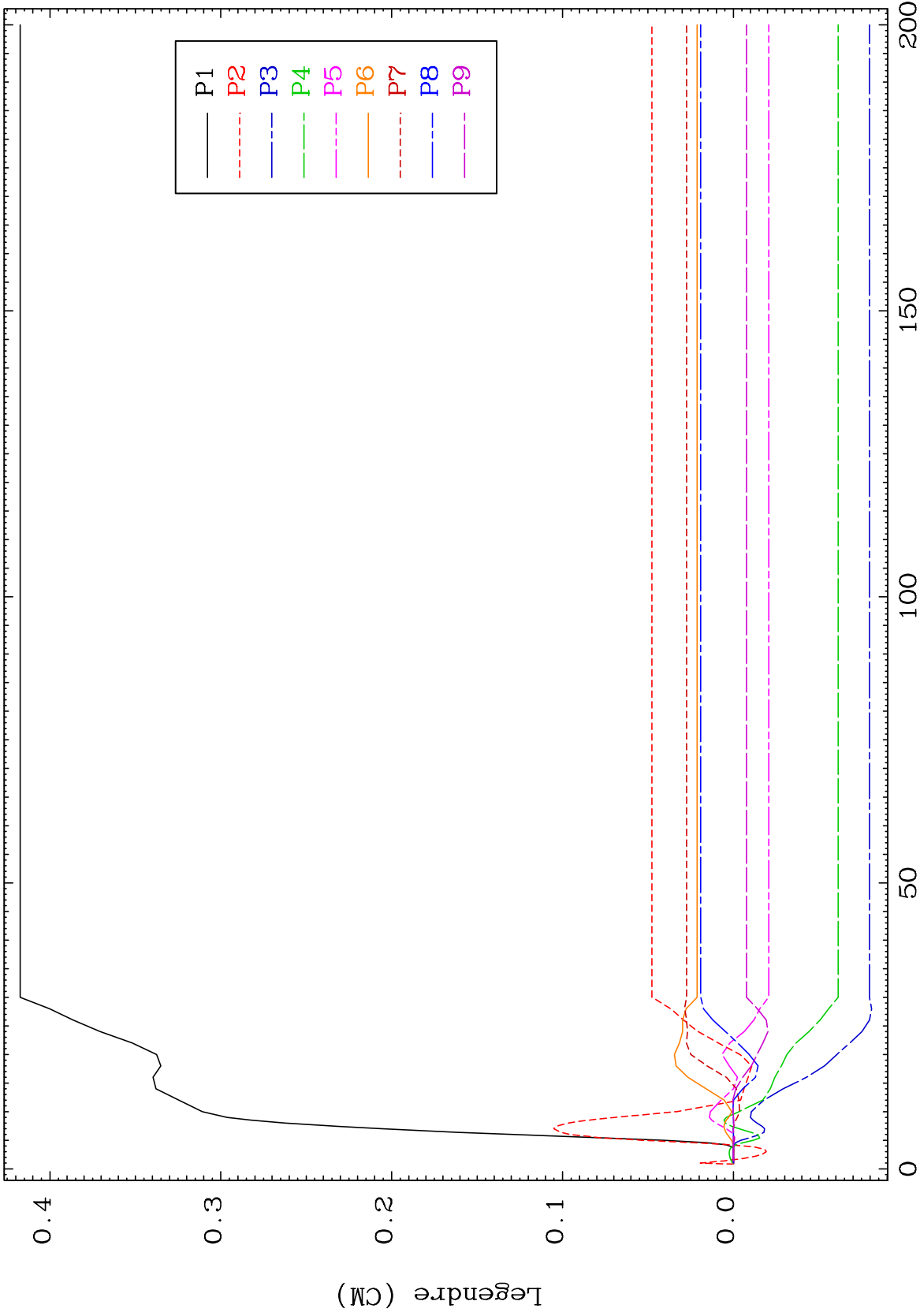
91

75-Re-177

MAT 7501

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

75-Re-177



92

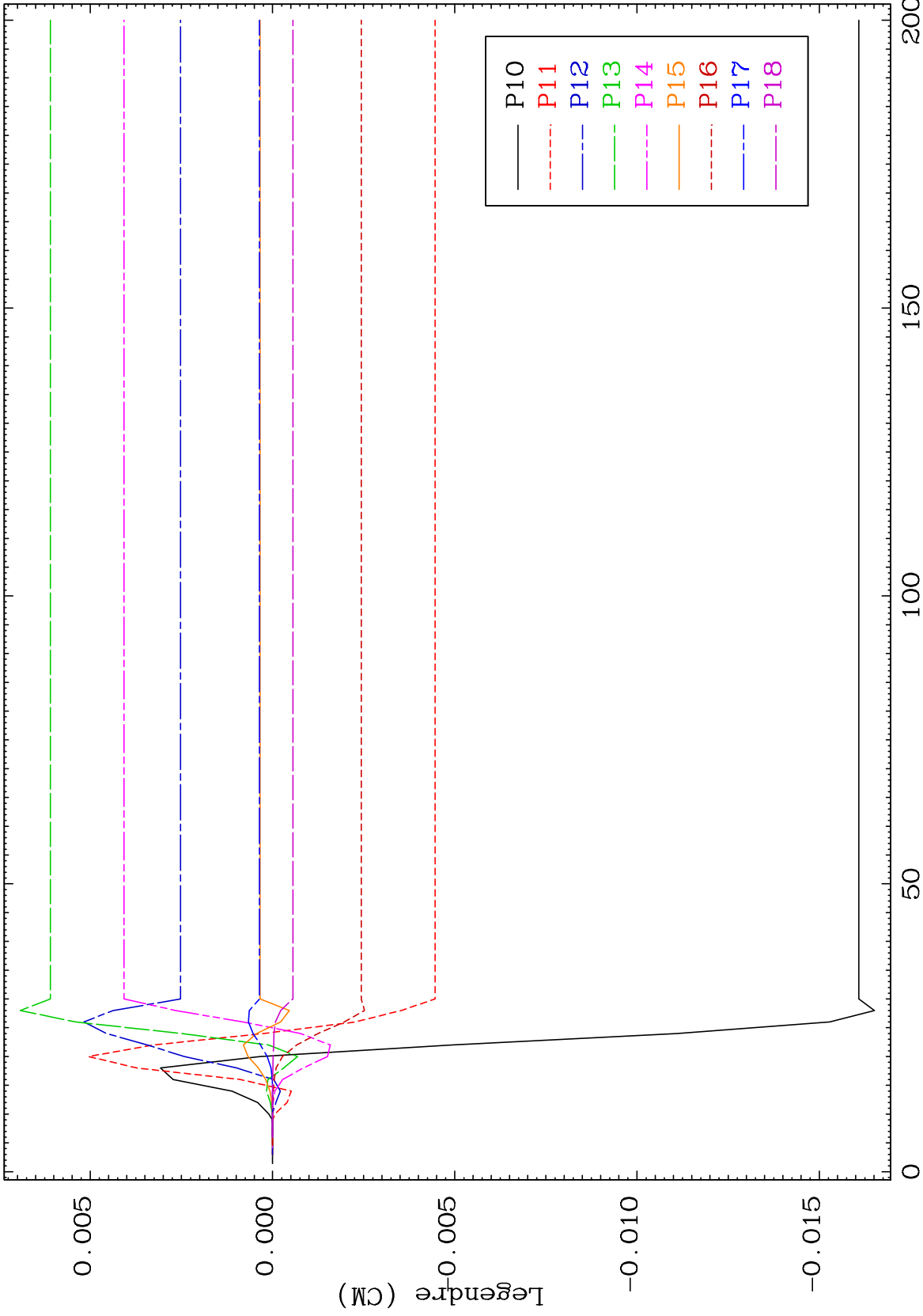
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



93

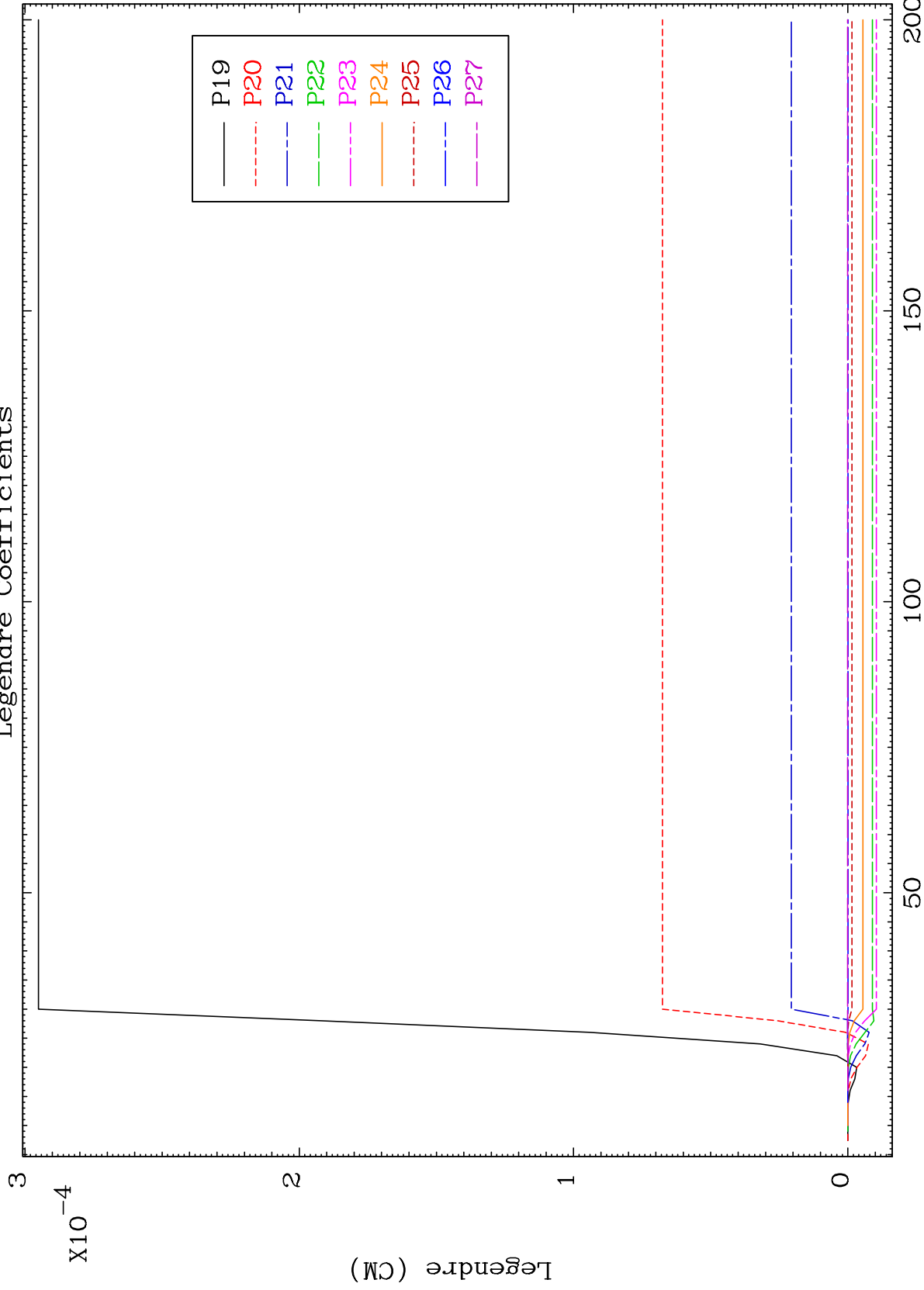
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



94

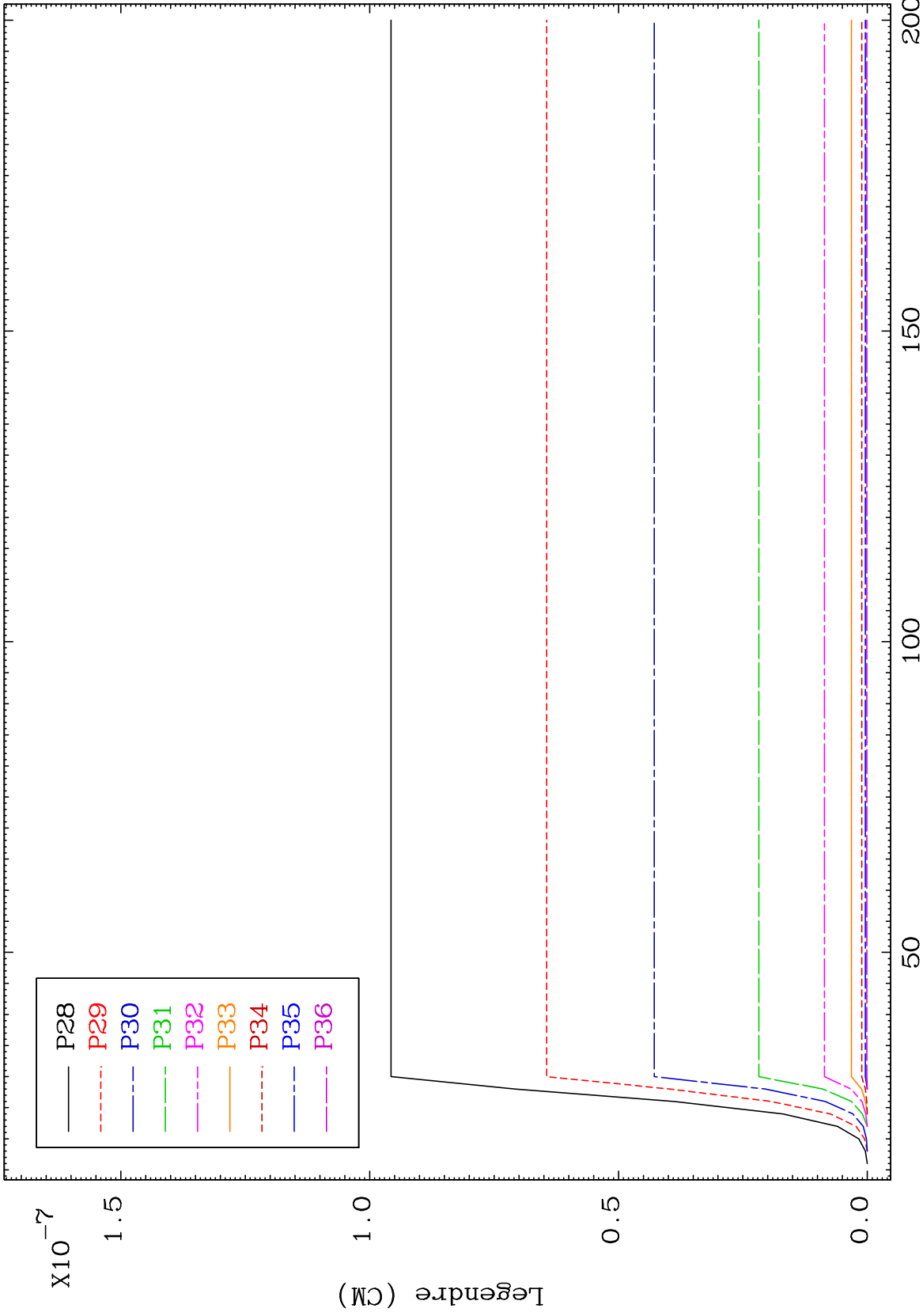
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



95

Incident Energy (MeV)

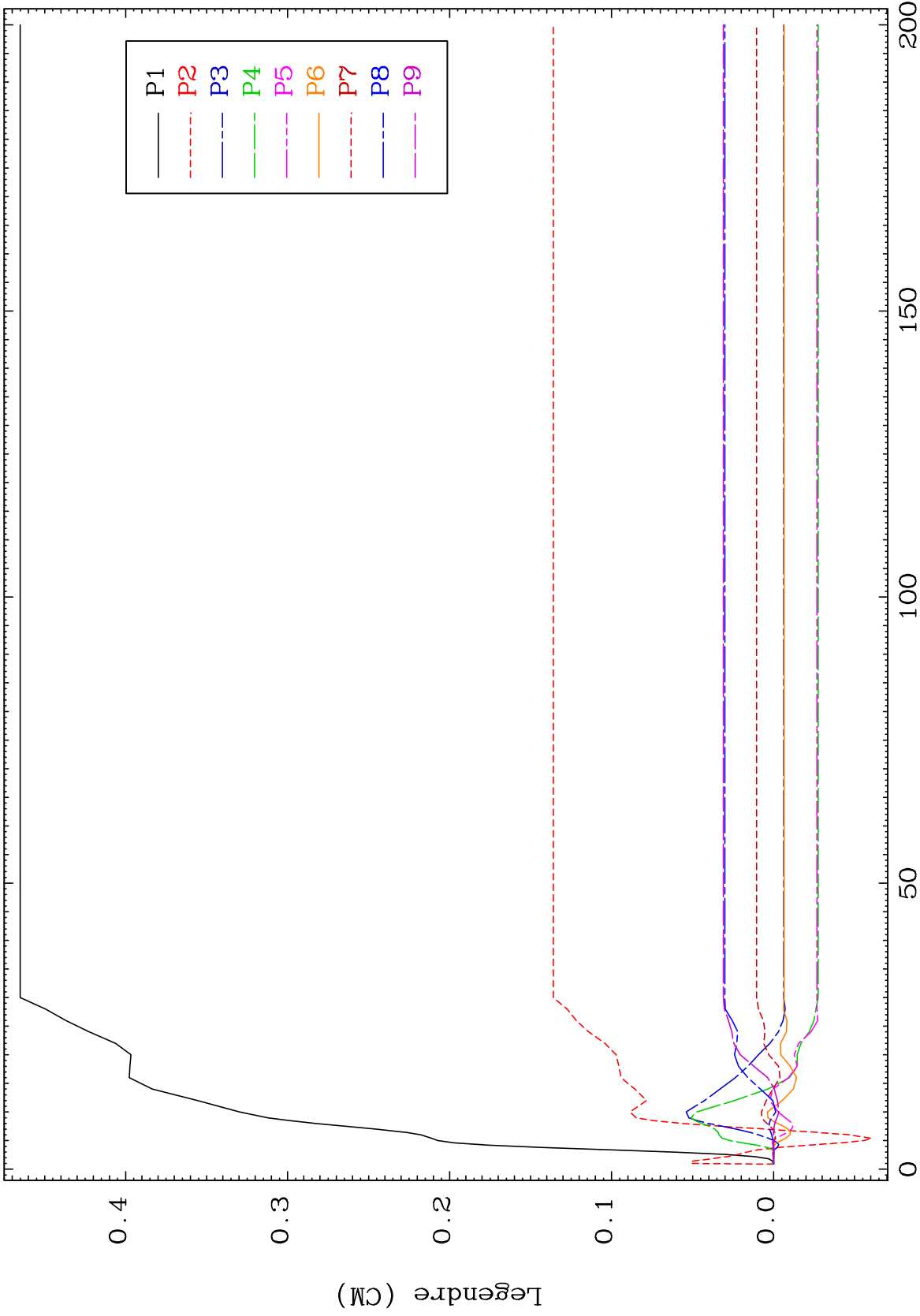
75-Re-177



MAT 7501

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

75-Re-177

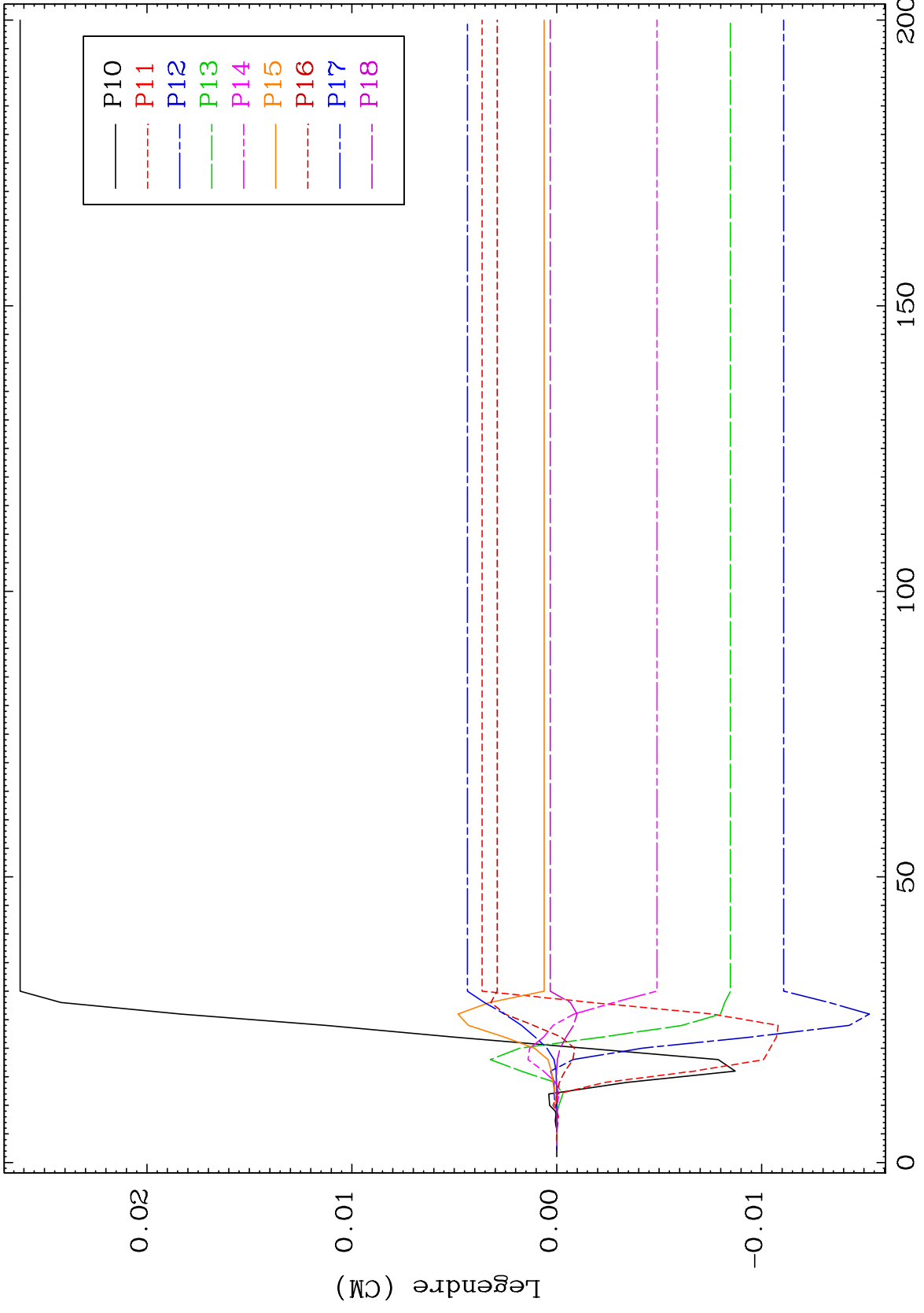


96

Incident Energy (MeV)

75-Re-177

MAT 7501 MT= 70 (n,n') Level Legendre Coefficients 75-Re-177

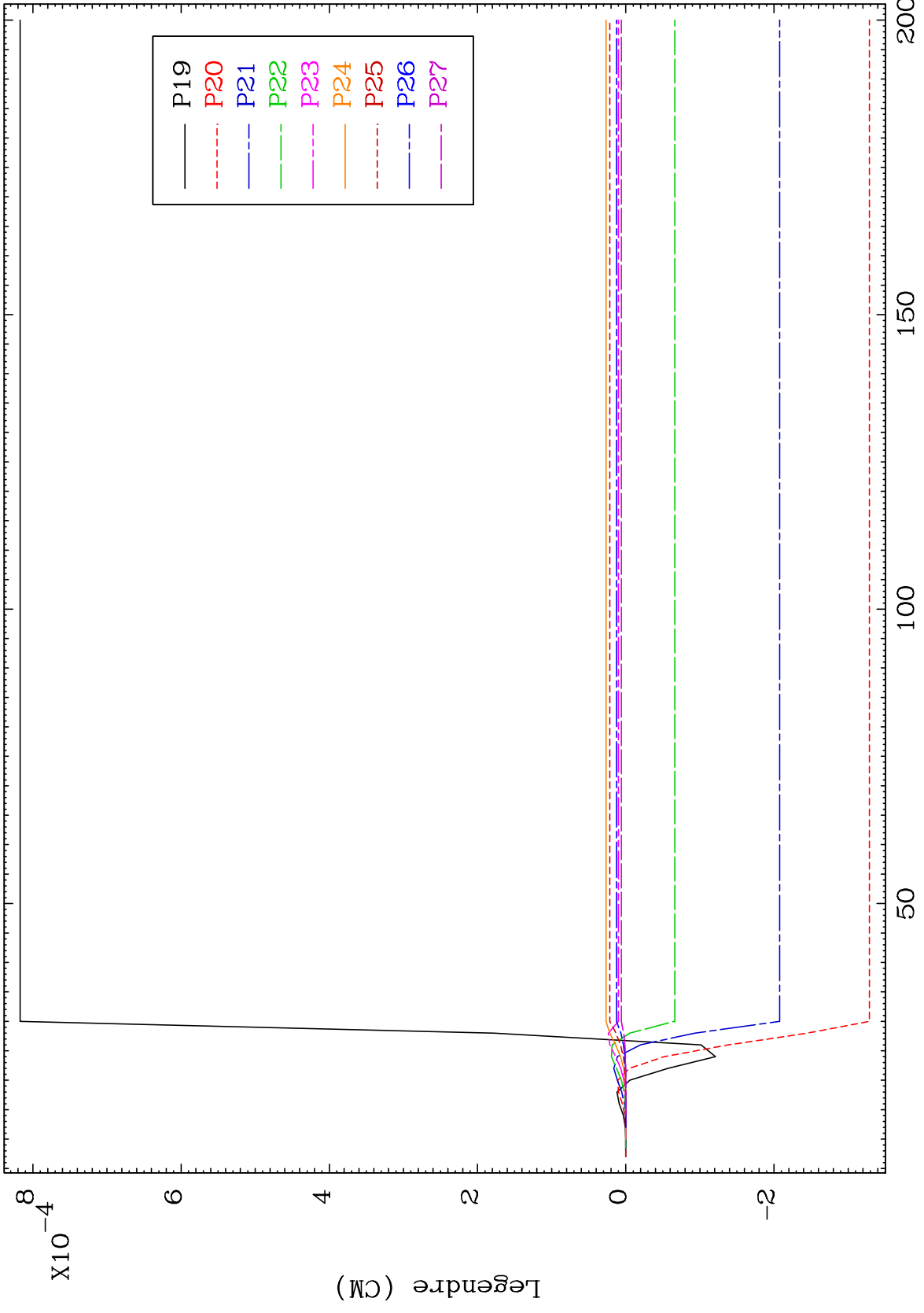


97 75-Re-177

MAT 7501

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

75-Re-177



98

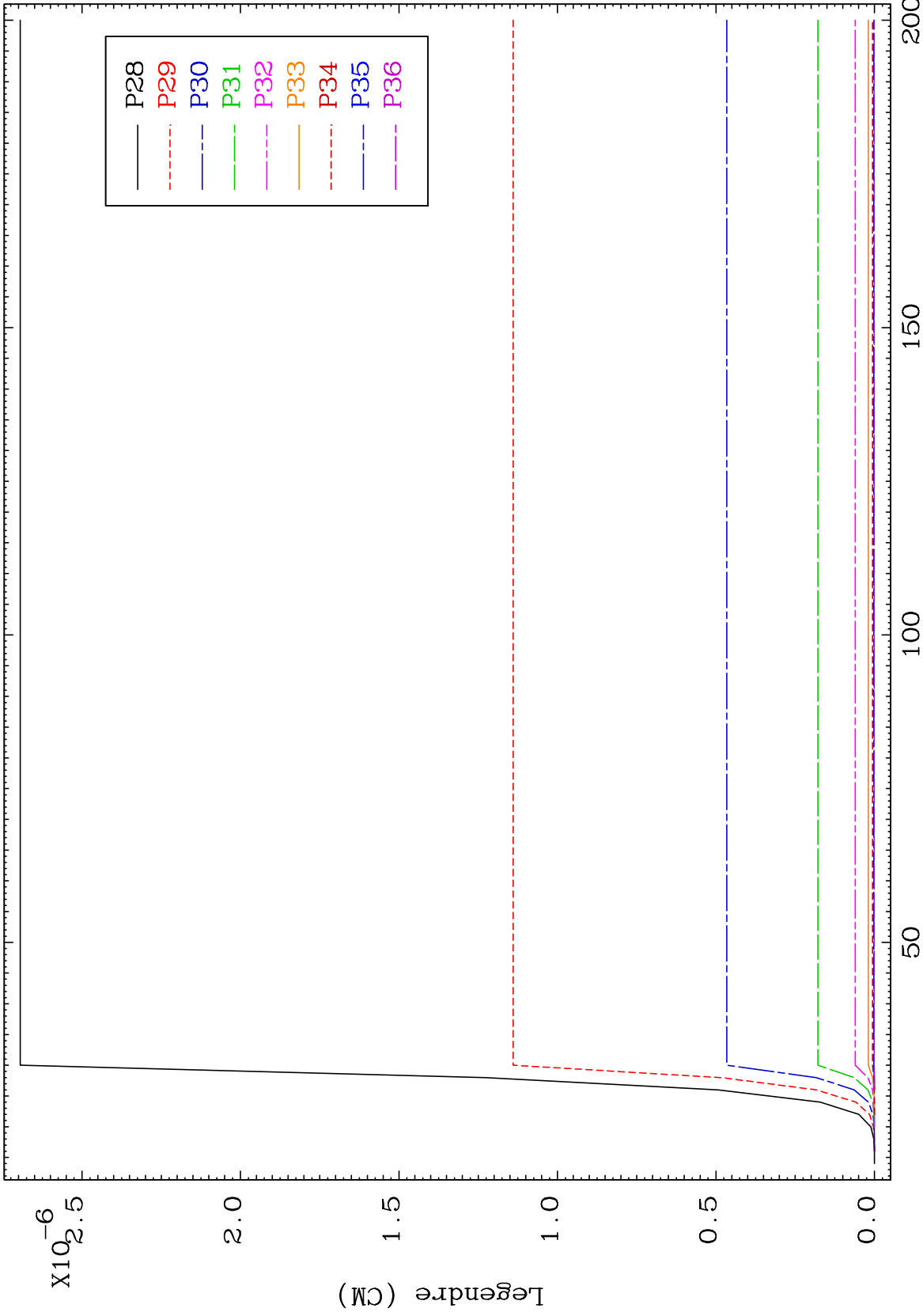
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



99

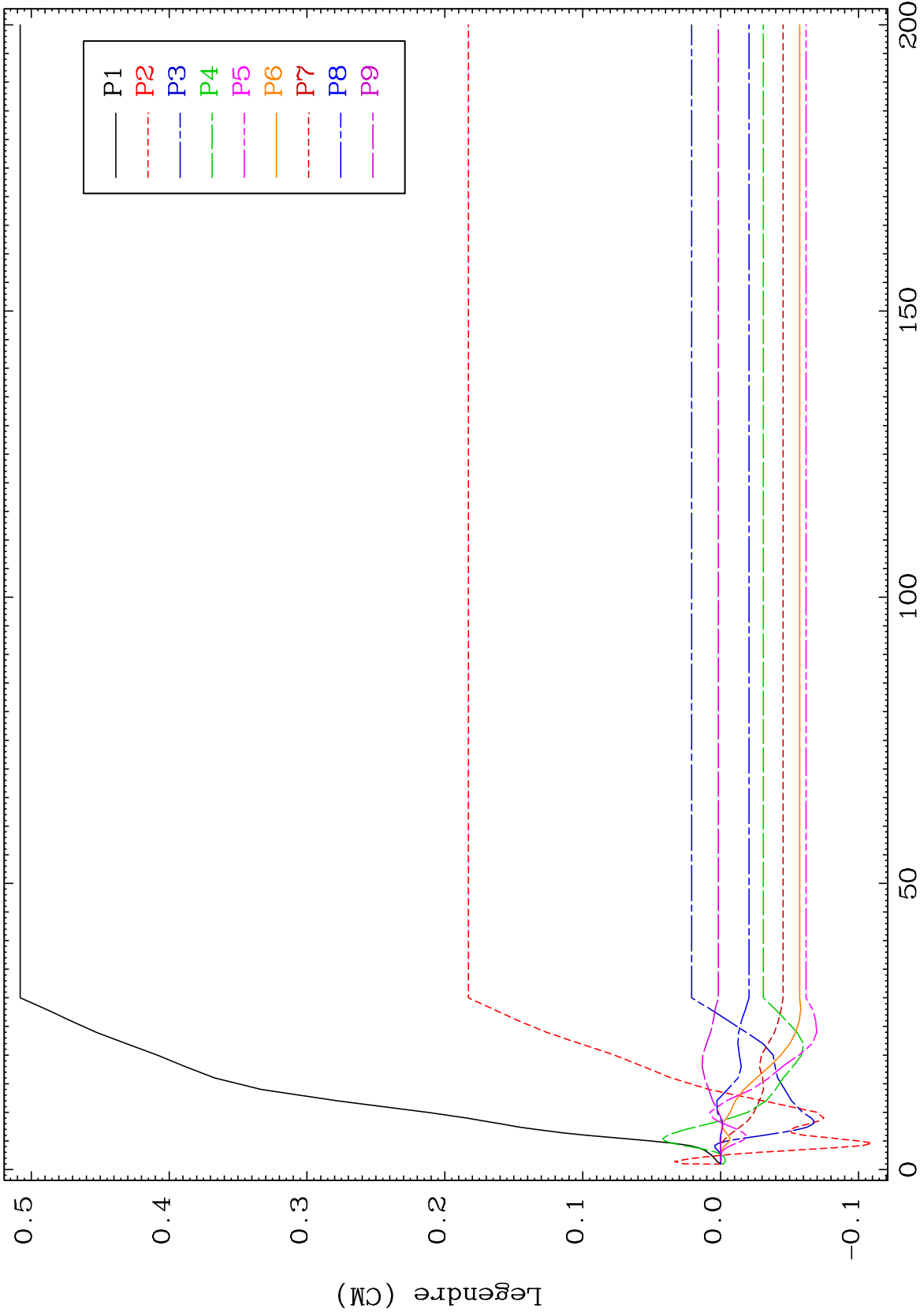
Incident Energy (MeV)

75-Re-177

MAT 7501

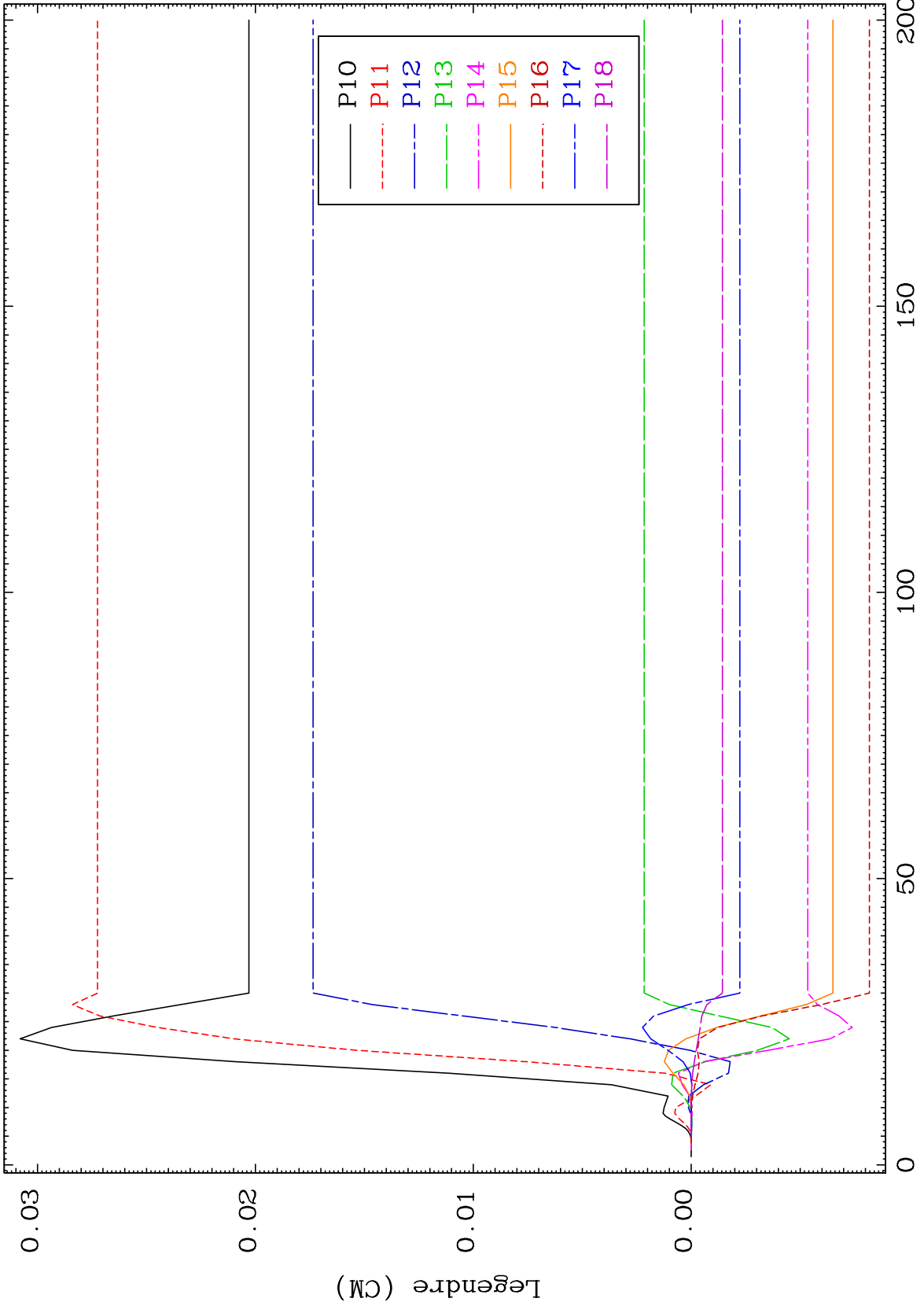
MT= 71 (n,n') Level  
Legendre Coefficients

75-Re-177



75-Re-177

MAT 7501 MT= 71 (n,n') Level Legendre Coefficients 75-Re-177

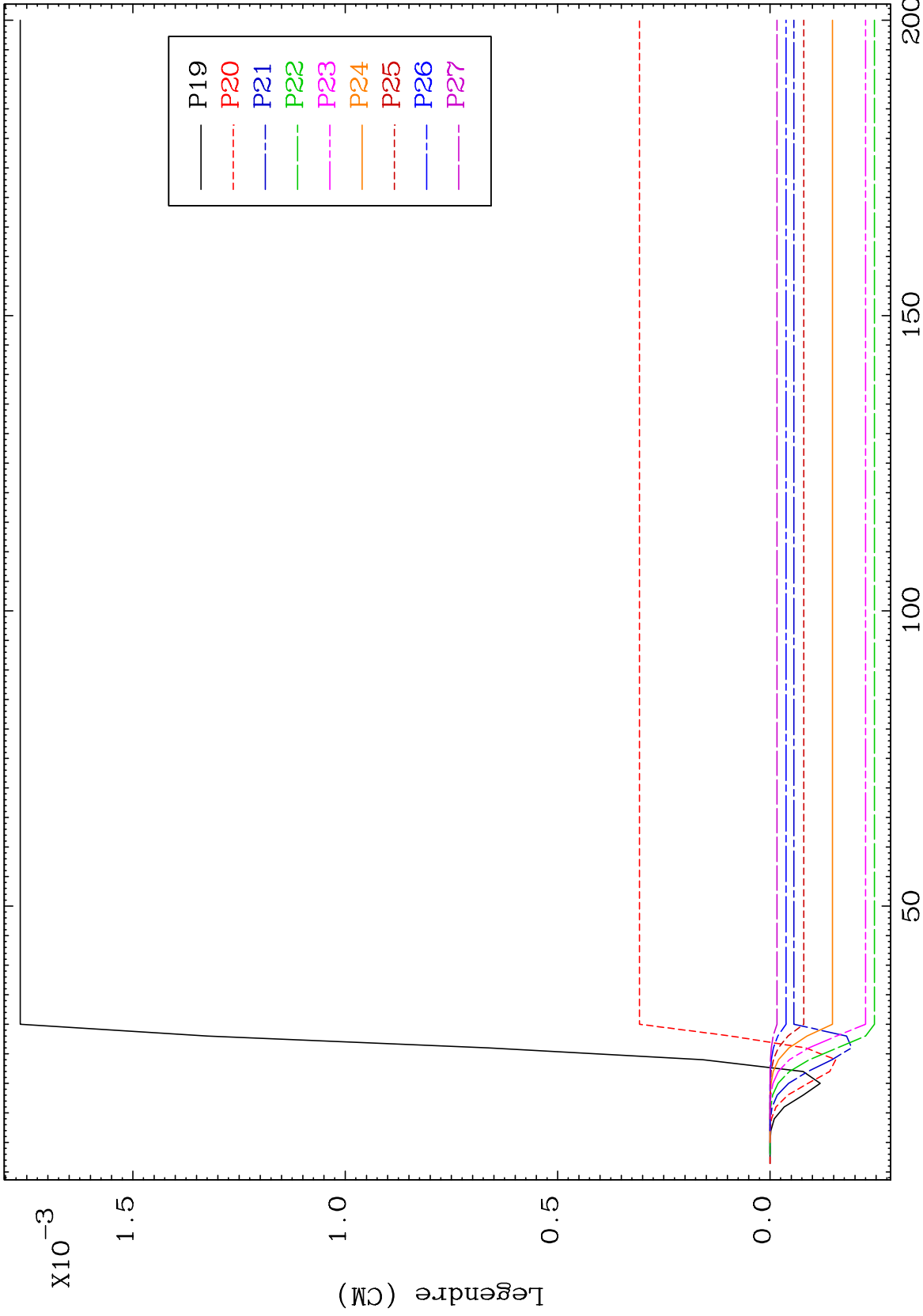


101 75-Re-177

MAT 7501

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

75-Re-177



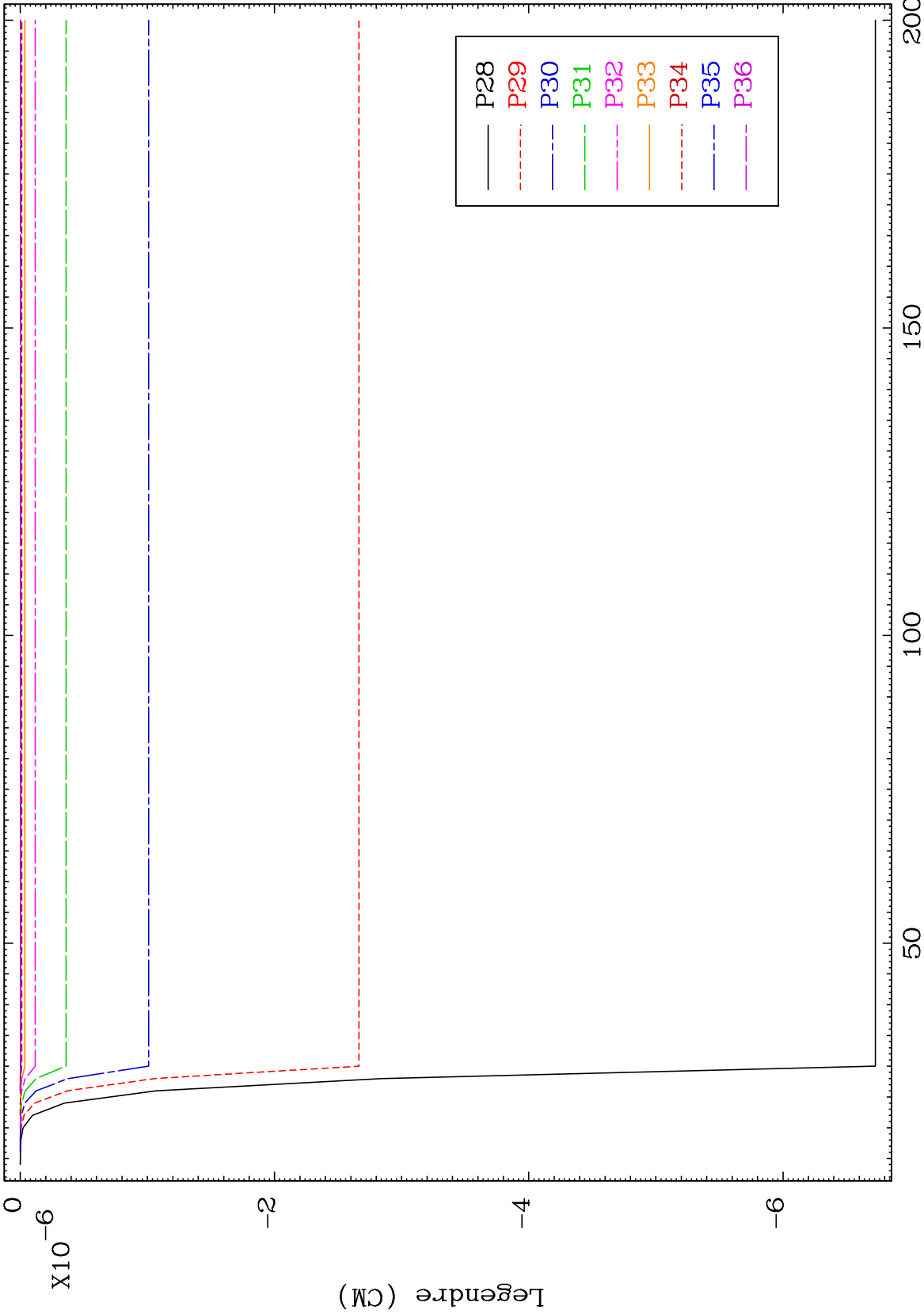
102

Incident Energy (MeV)

75-Re-177

MAT 7501 MT= 71 (n,n') Level 75-Re-177

Legendre Coefficients



75-Re-177

Incident Energy (MeV)

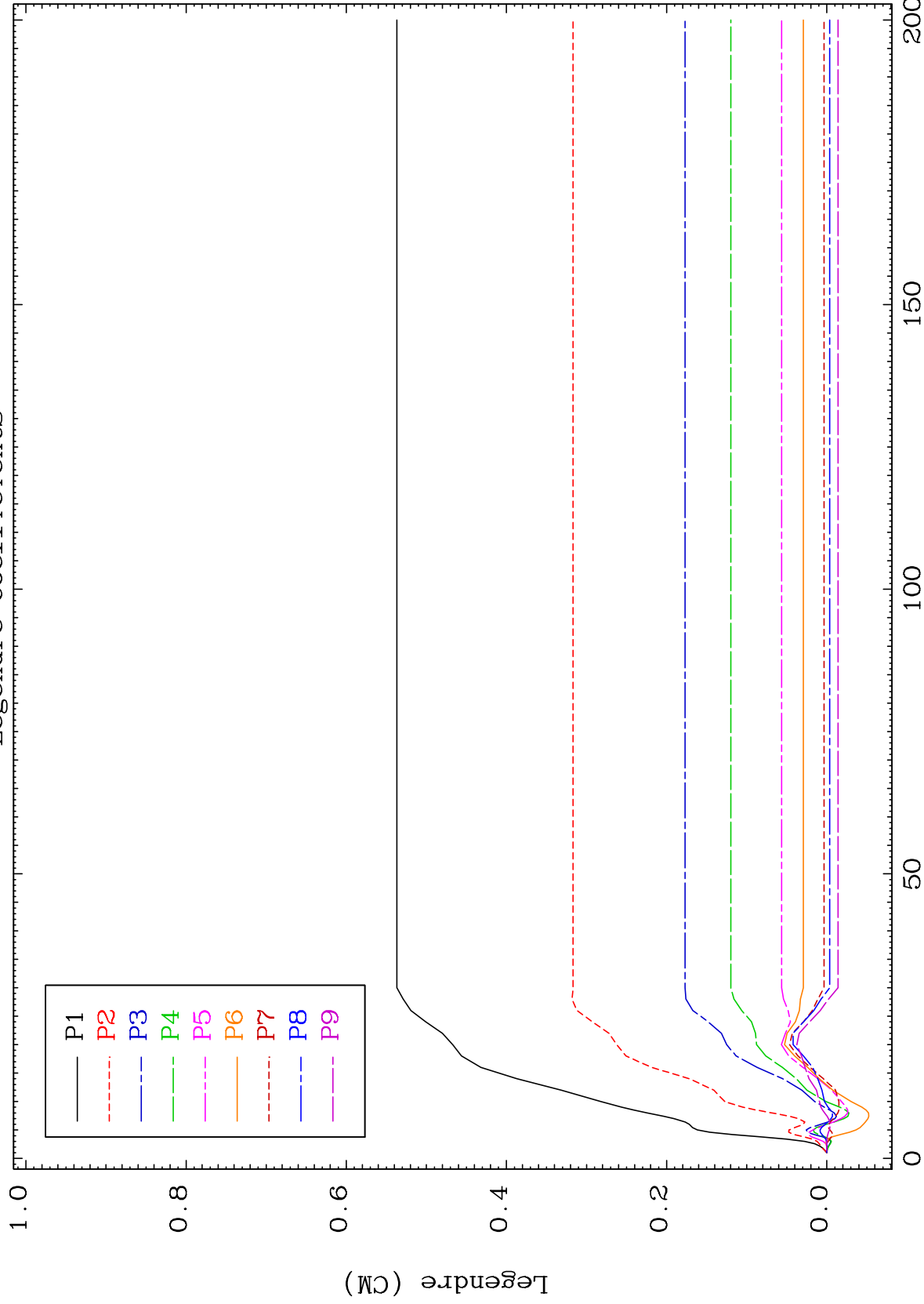
103



MAT 7501

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

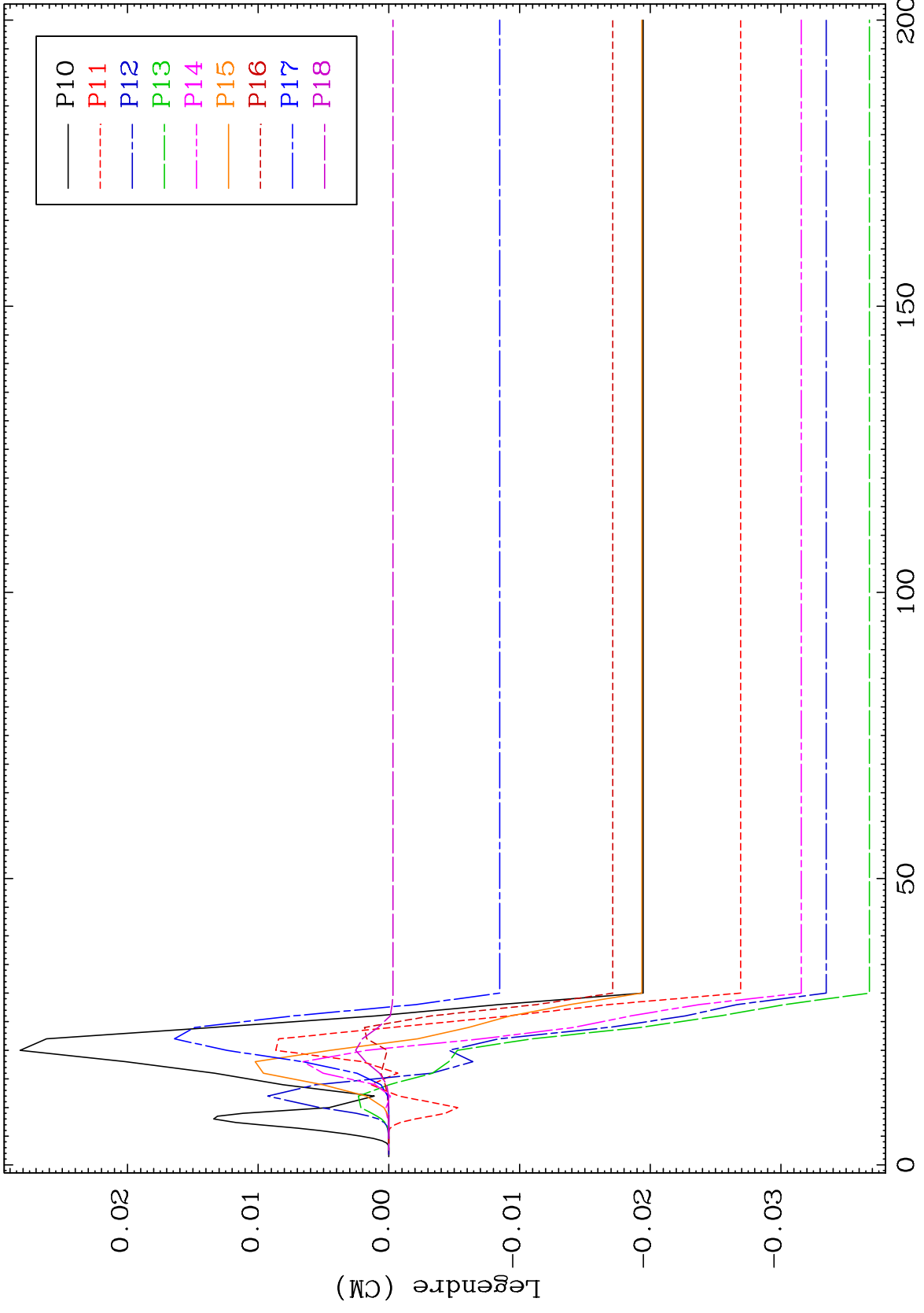
75-Re-177



104

75-Re-177

MAT 7501 MT= 72 (n,n') Level Legendre Coefficients 75-Re-177

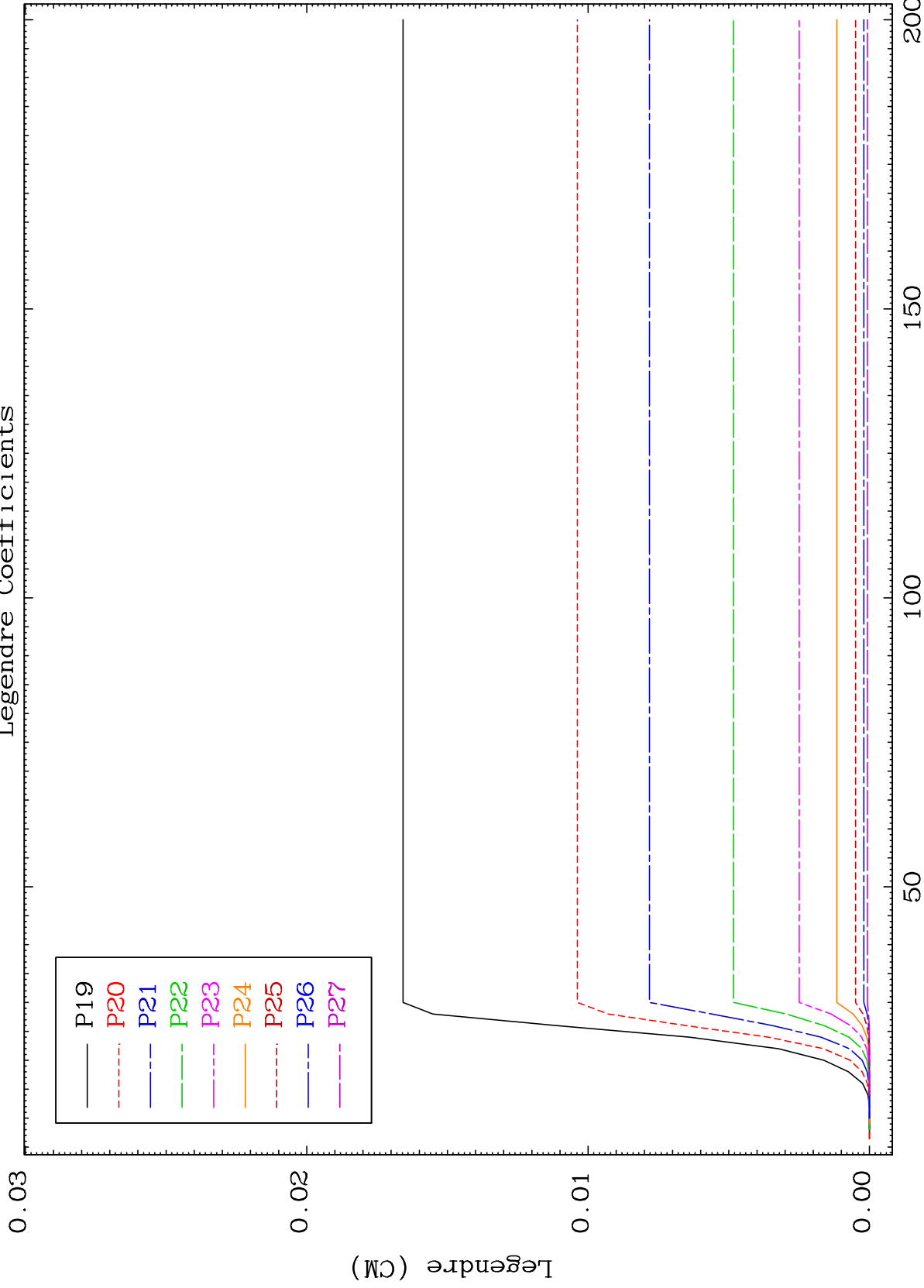


105 75-Re-177

MAT 7501

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

75-Re-177



106

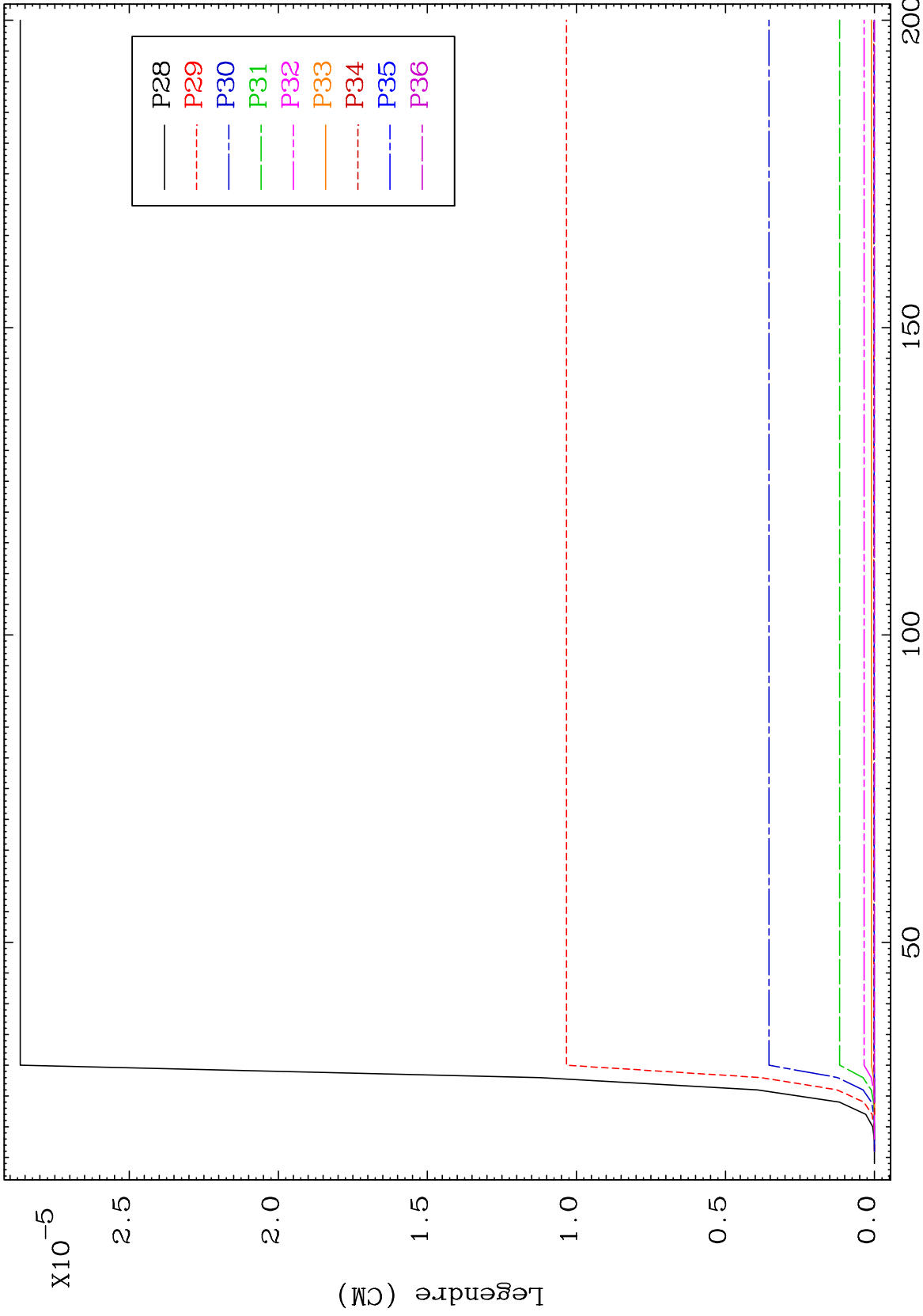
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



107

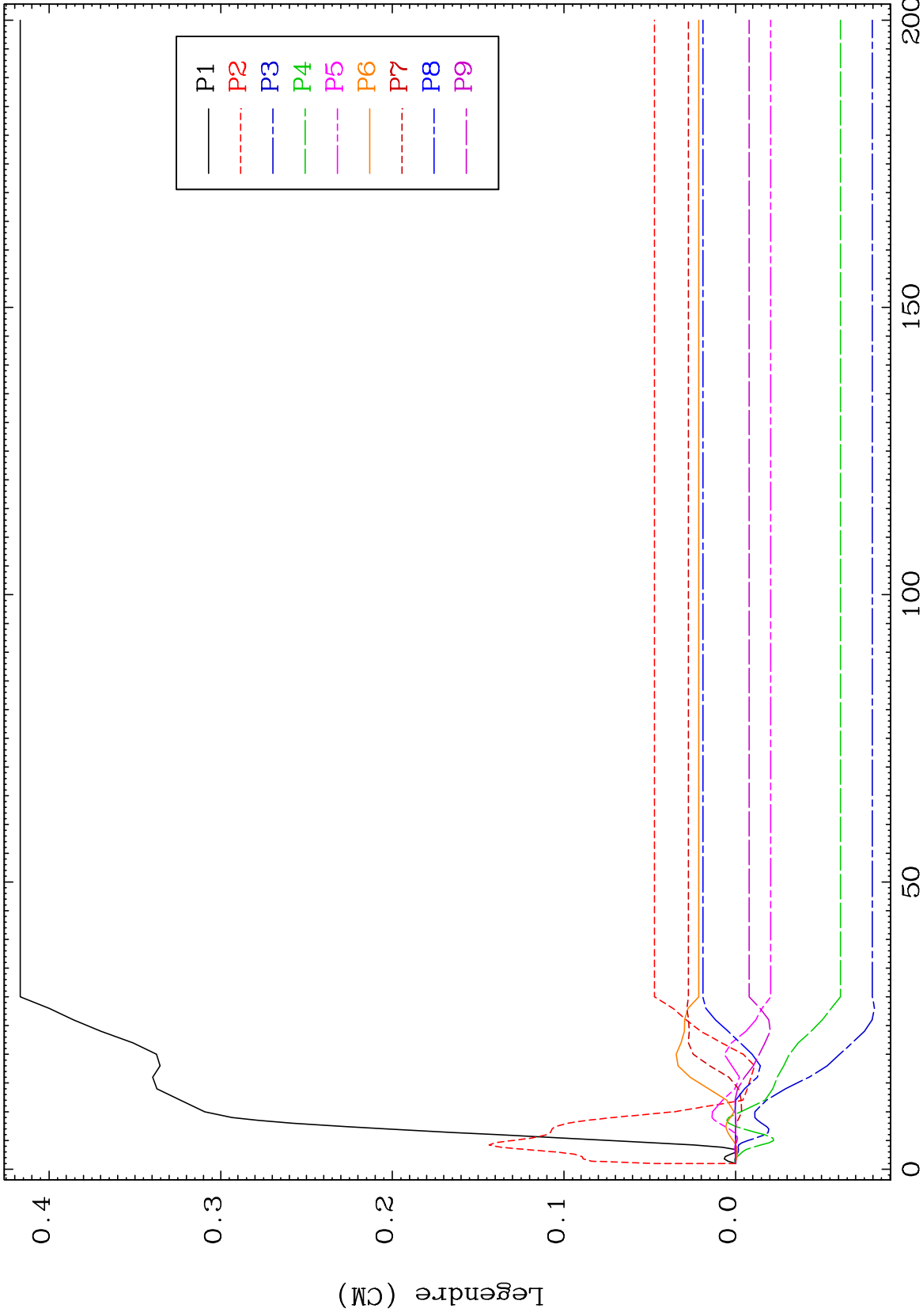
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



108

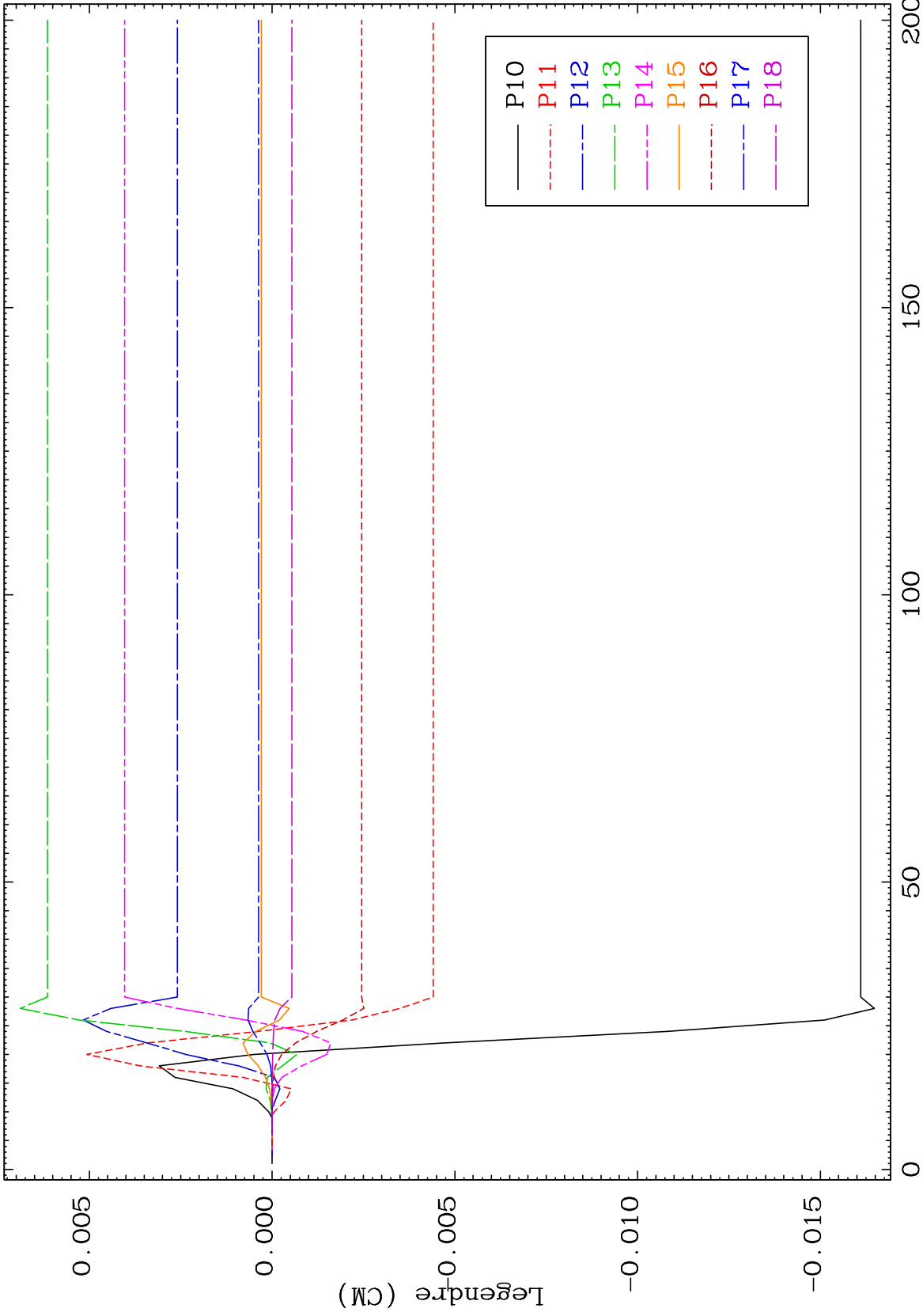
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



109

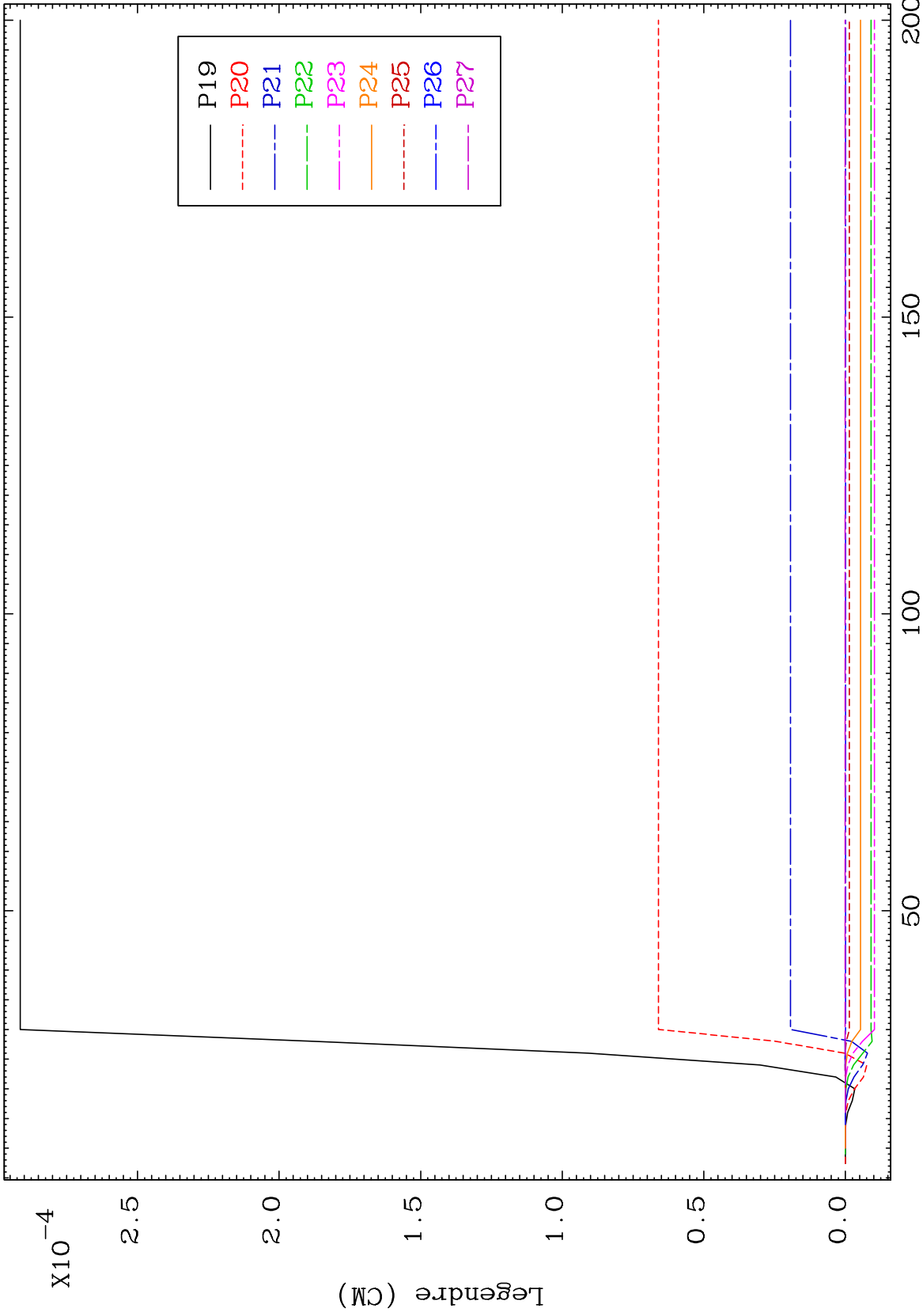
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



110

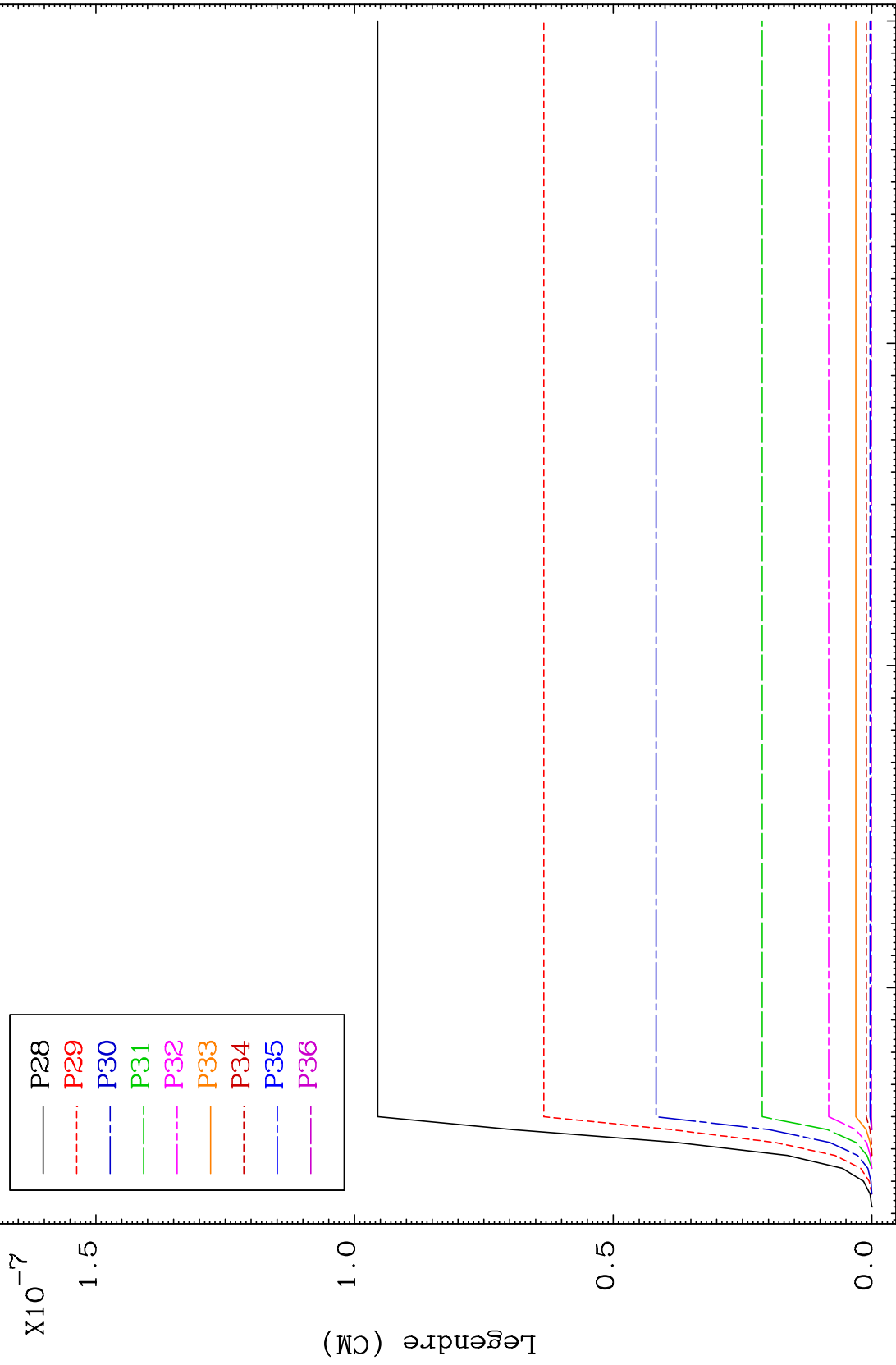
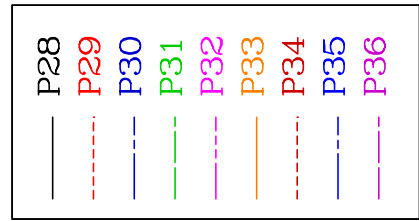
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



111

Incident Energy (MeV)

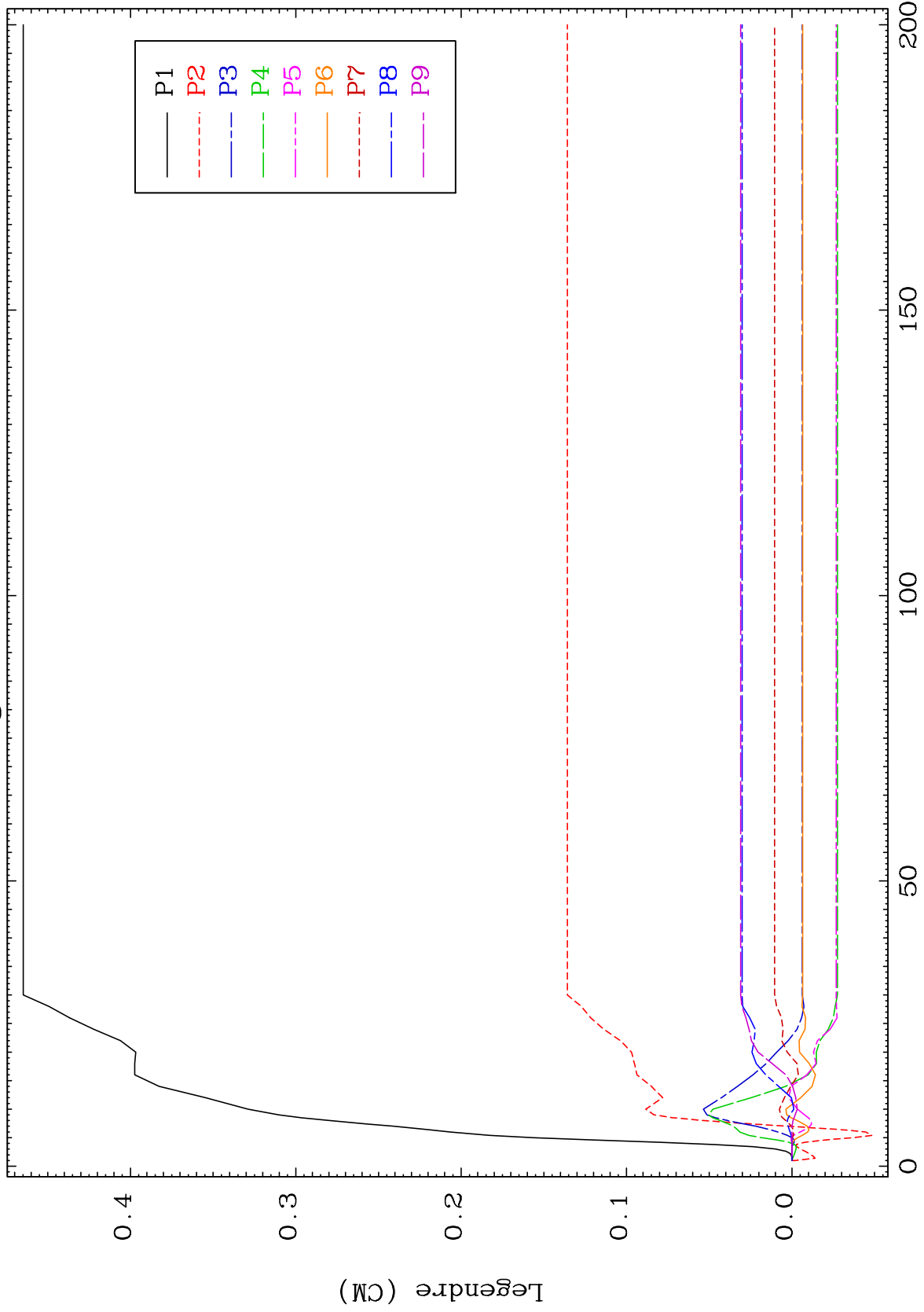
75-Re-177



MAT 7501

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

75-Re-177



112

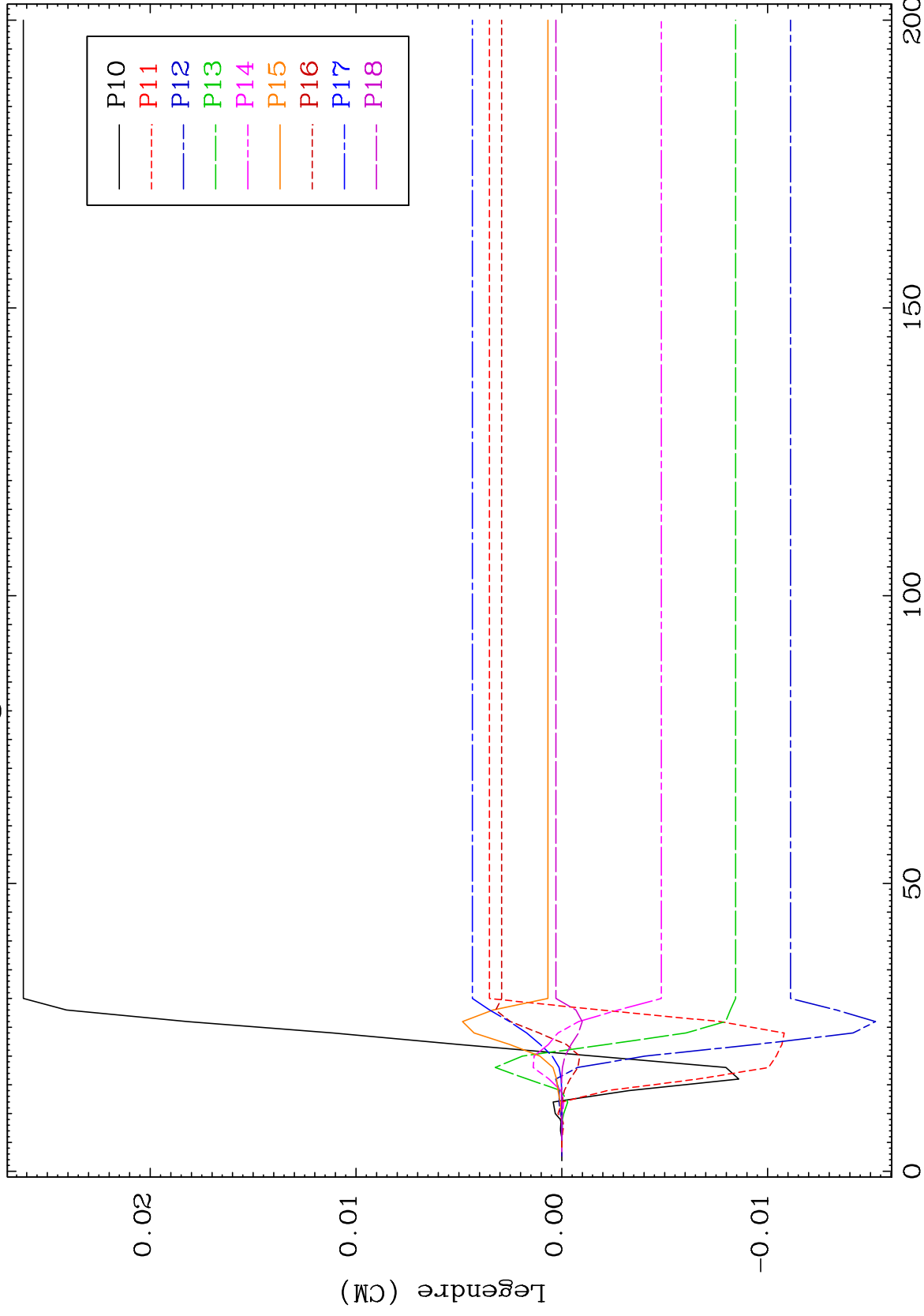
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



113

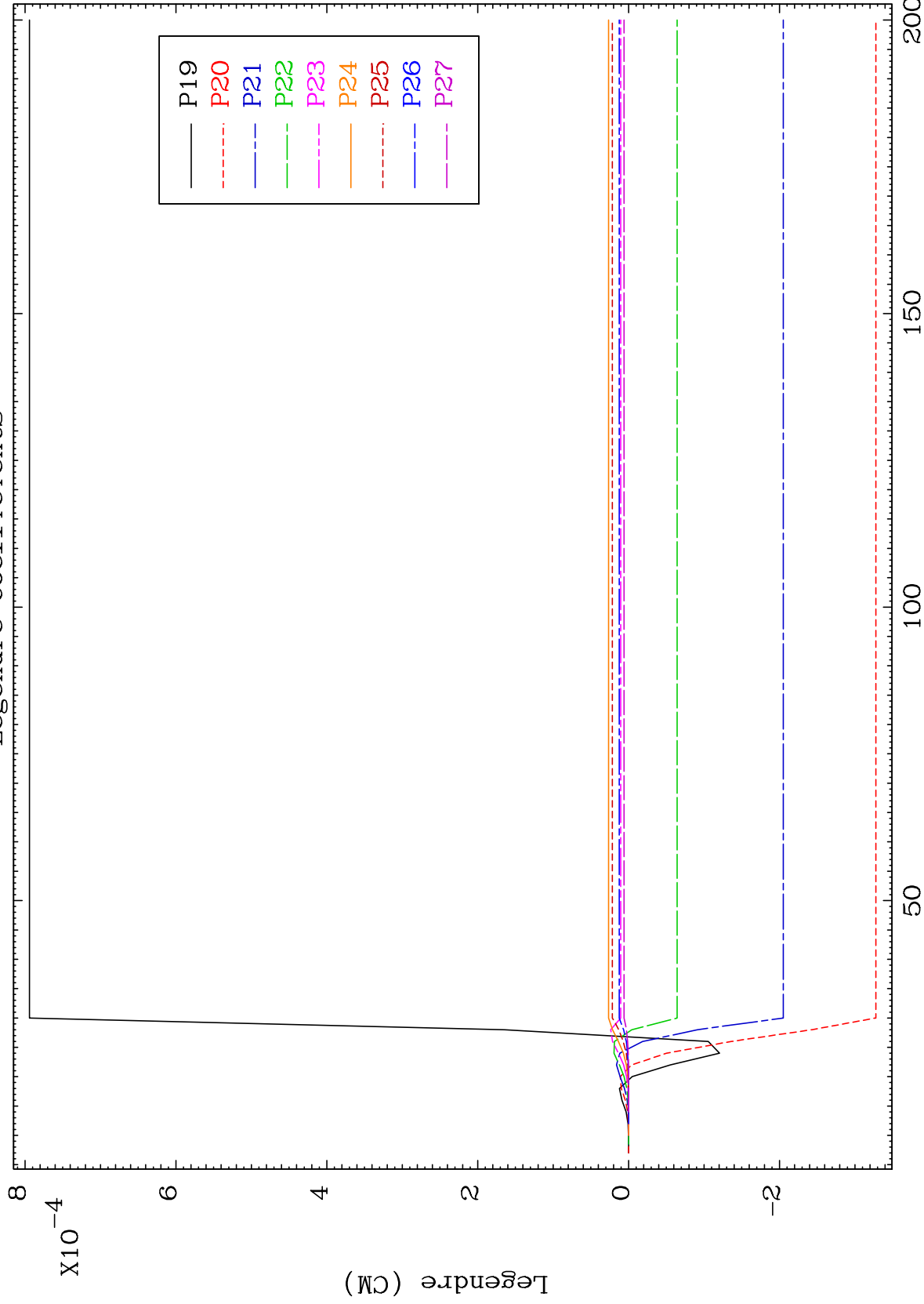
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



114

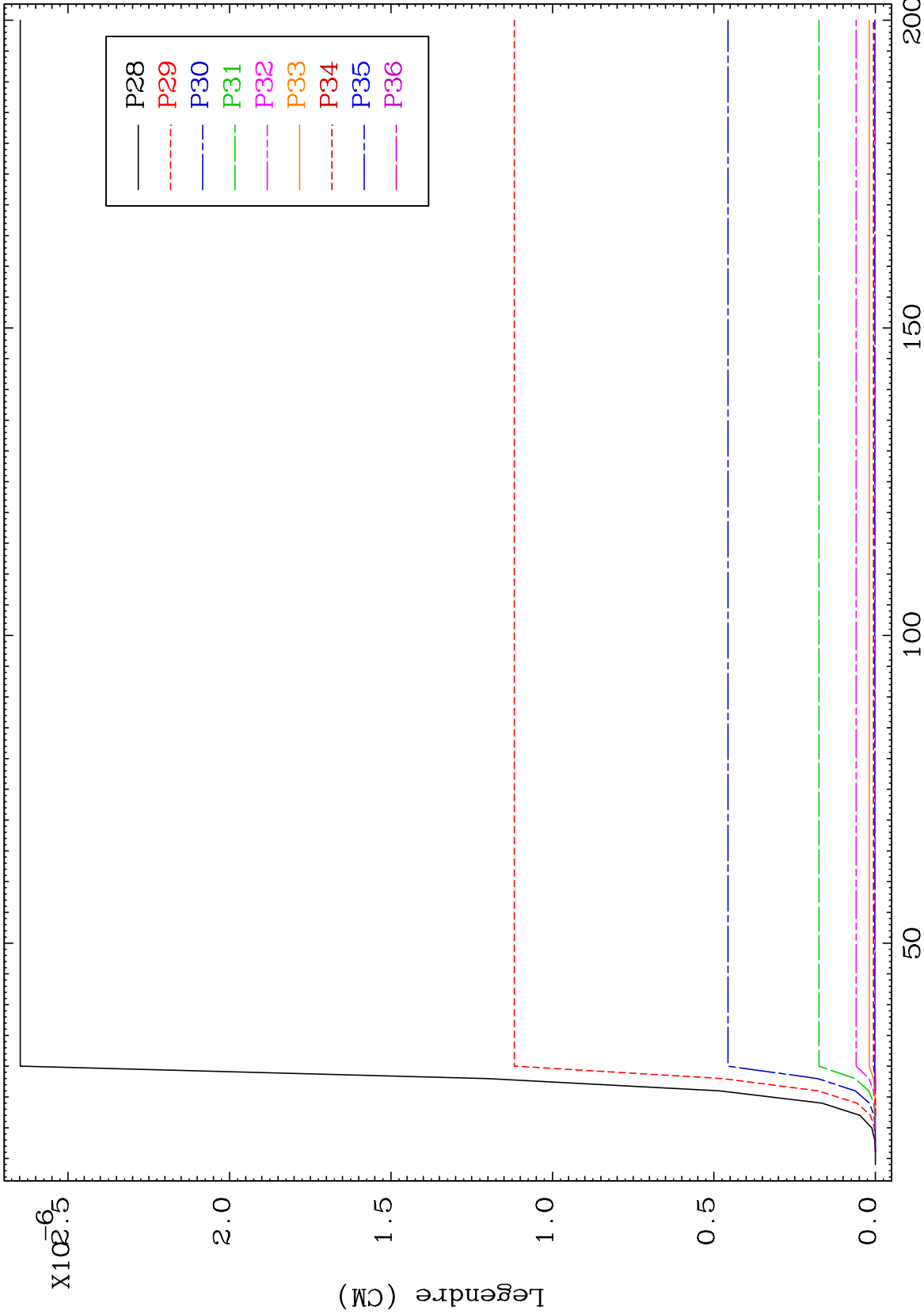
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



115

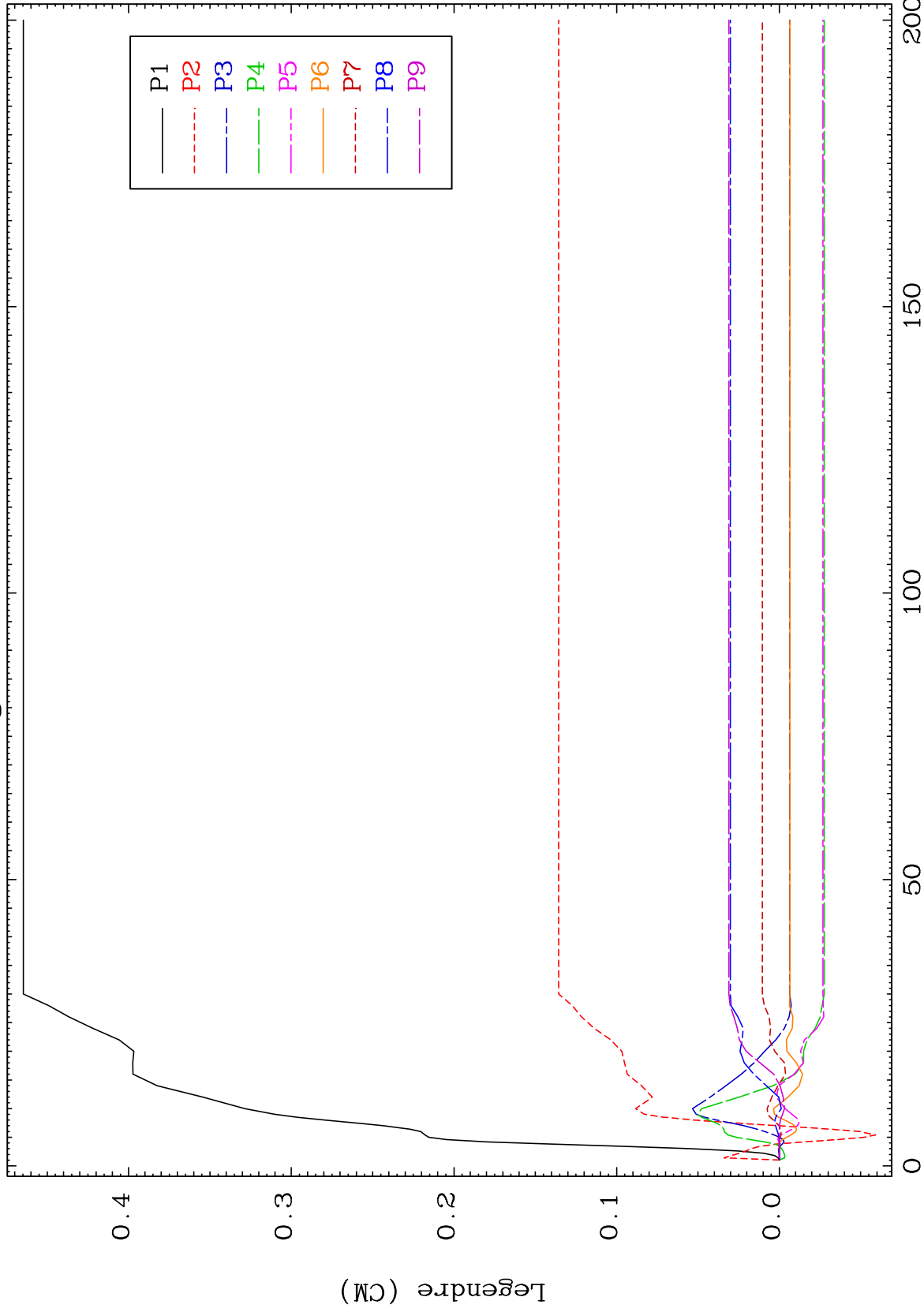
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



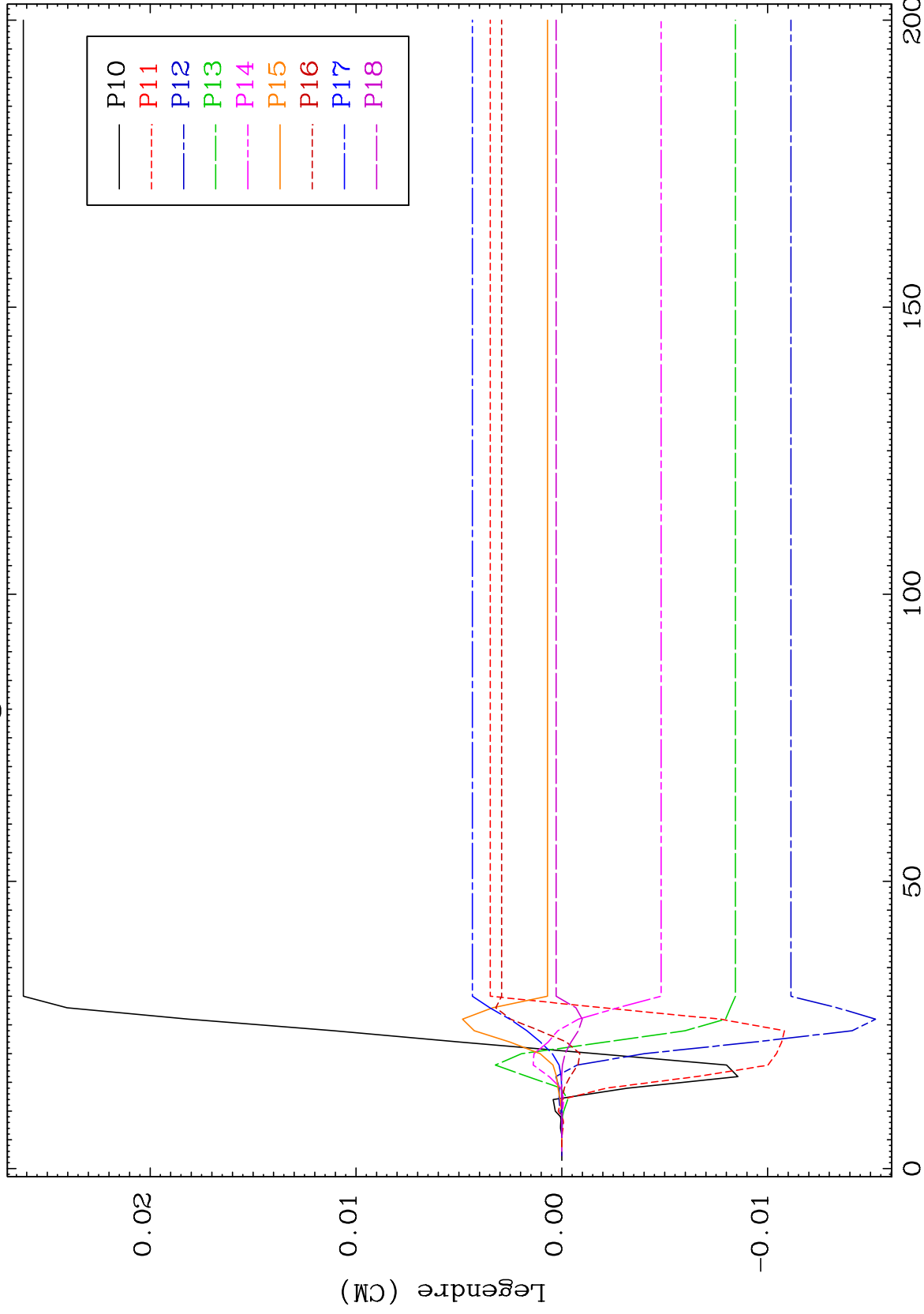
116

75-Re-177

MAT 7501

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

75-Re-177



117

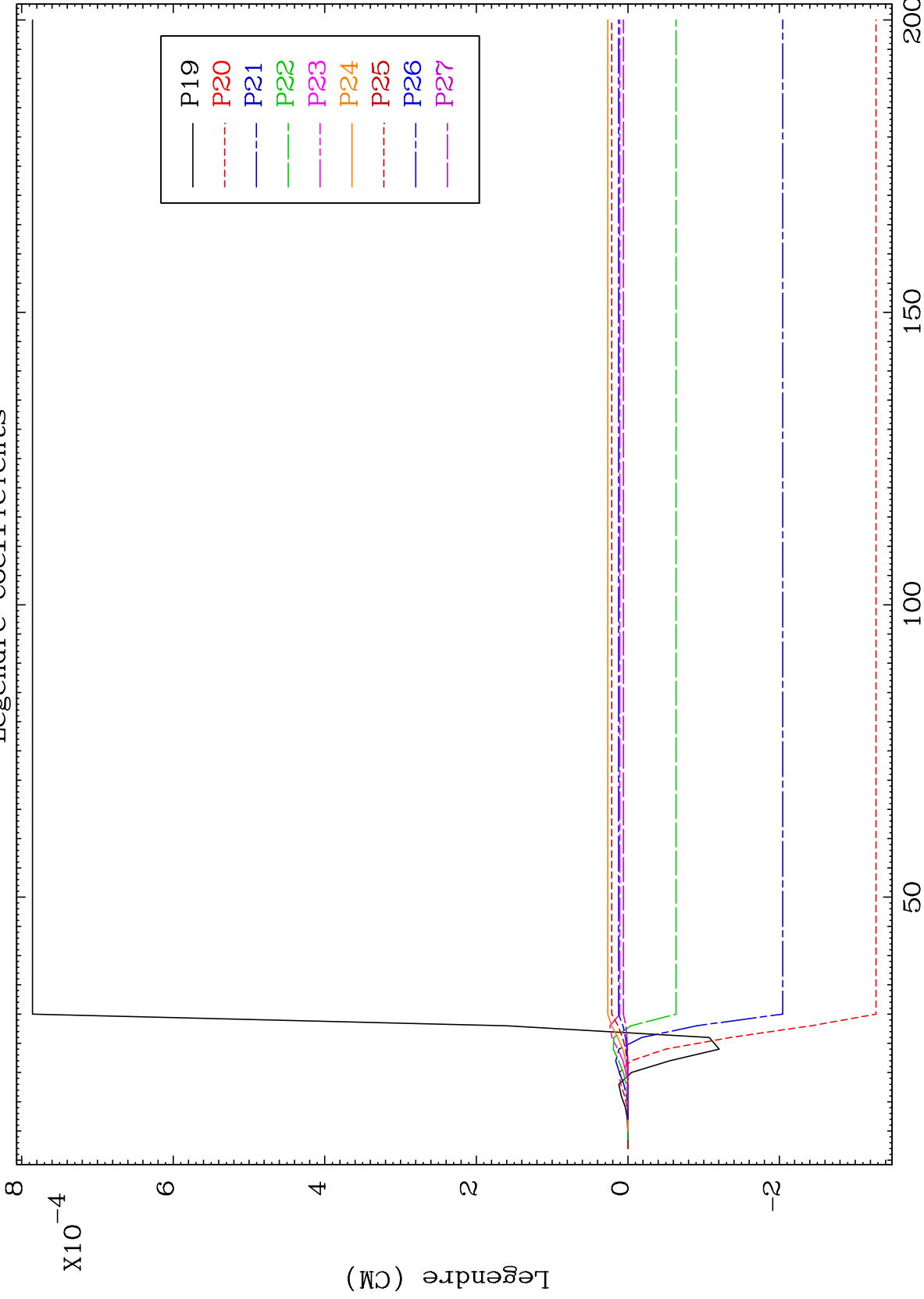
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



118

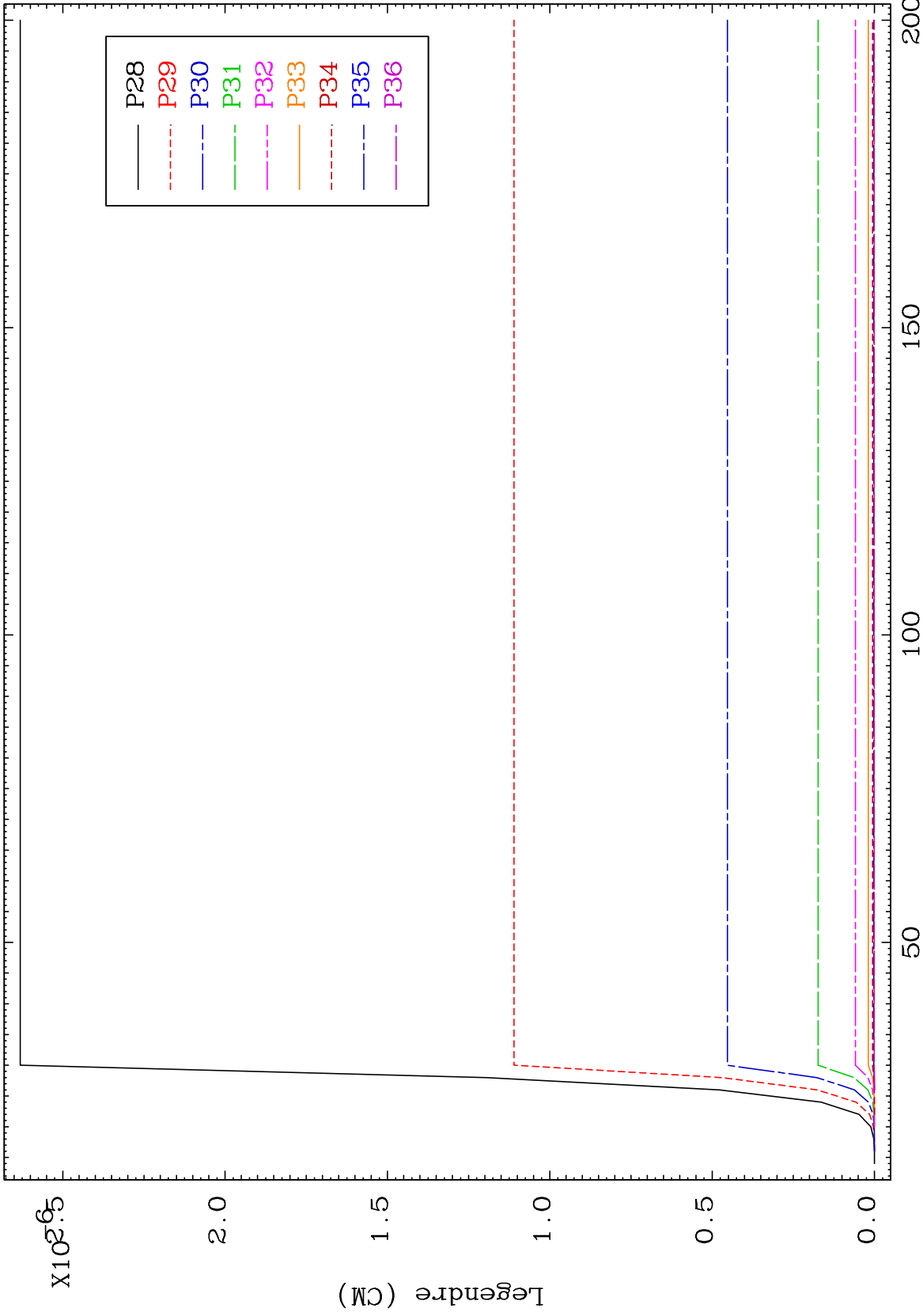
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



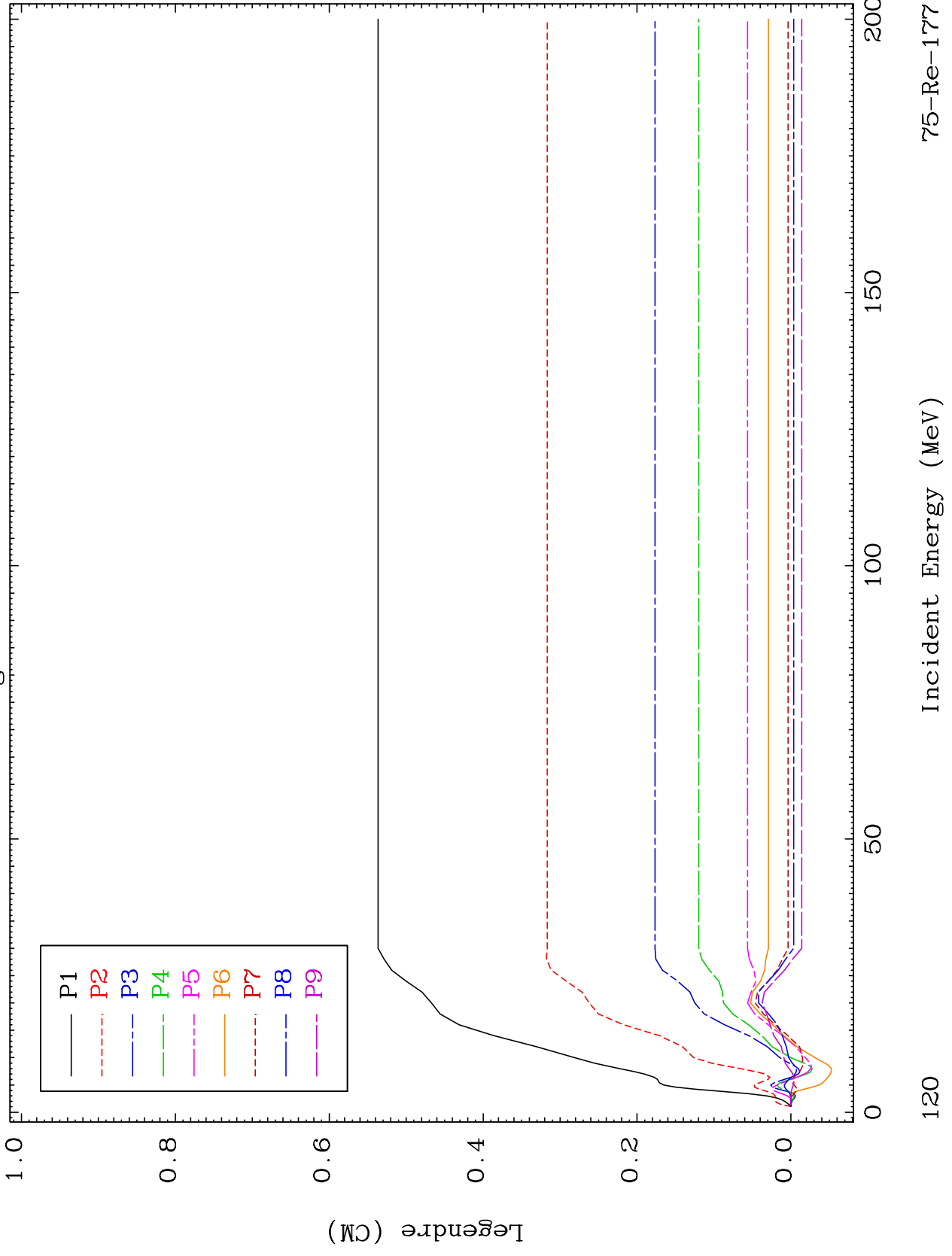
119

Incident Energy (MeV)

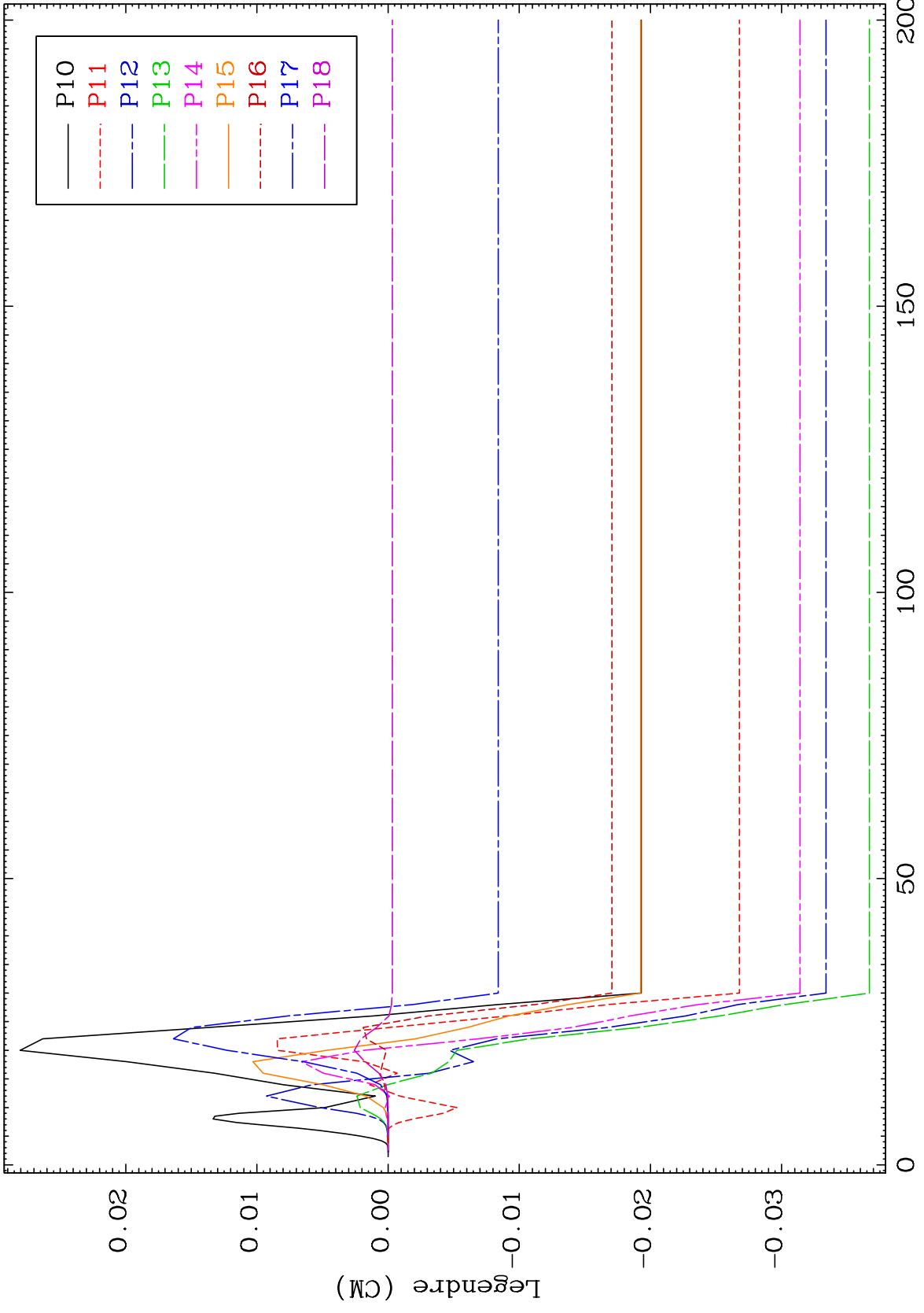
75-Re-177



MAT 7501 MT= 76 (n,n') Level Legendre Coefficients 75-Re-177



MAT 7501 MT= 76 (n,n') Level Legendre Coefficients 75-Re-177

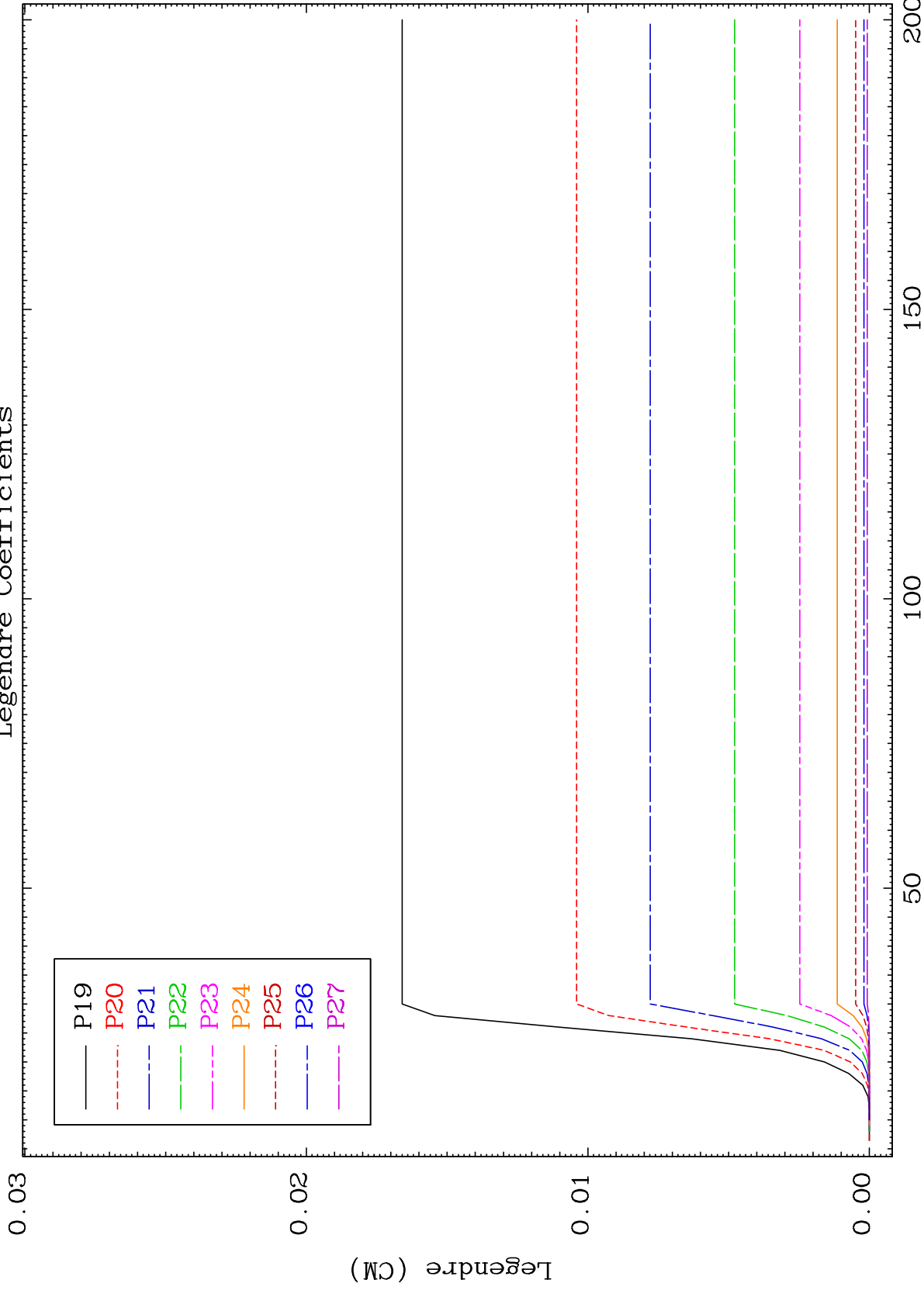


121 75-Re-177

MAT 7501

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

75-Re-177



122

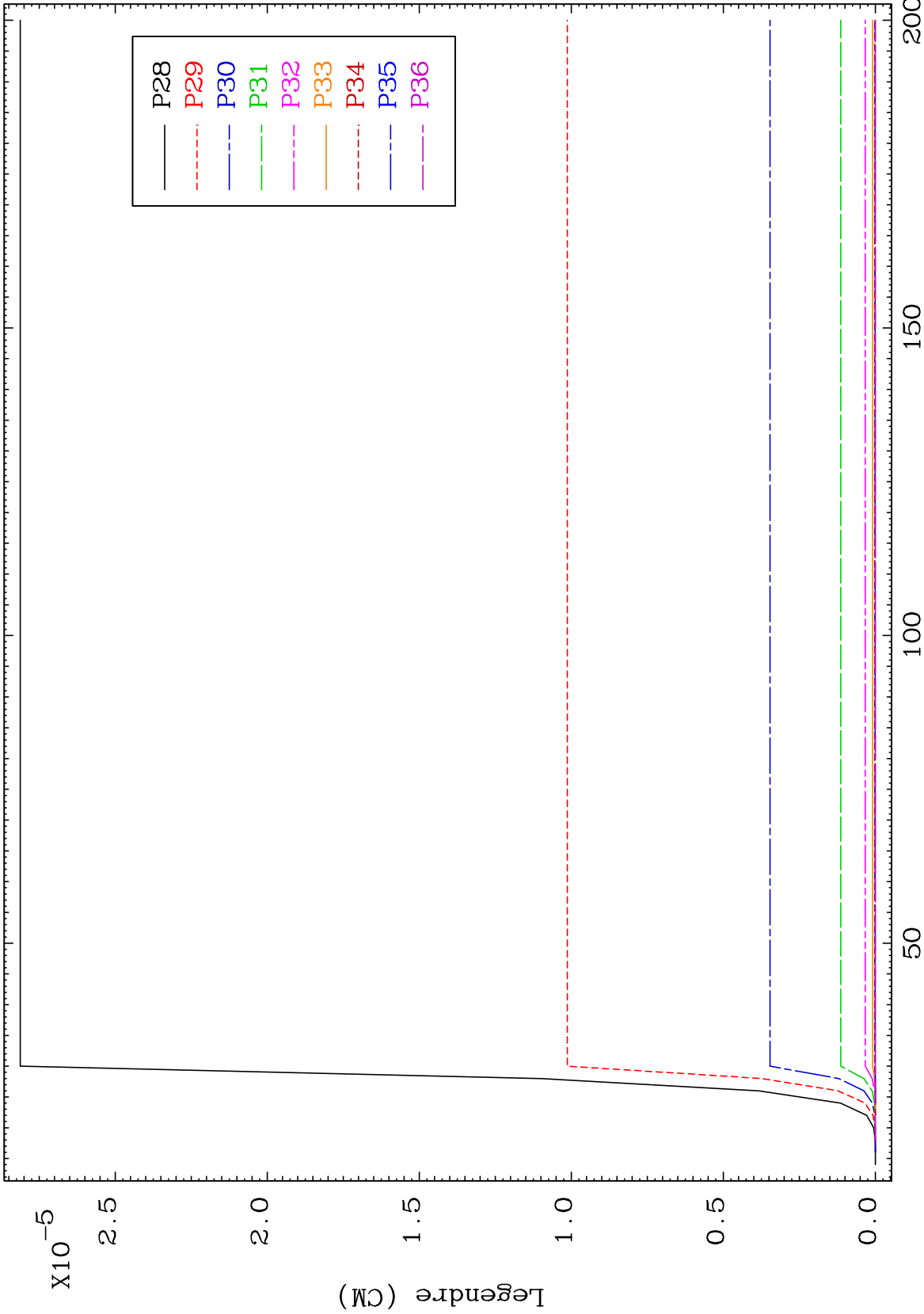
Incident Energy (MeV)

75-Re-177

MAT 7501

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

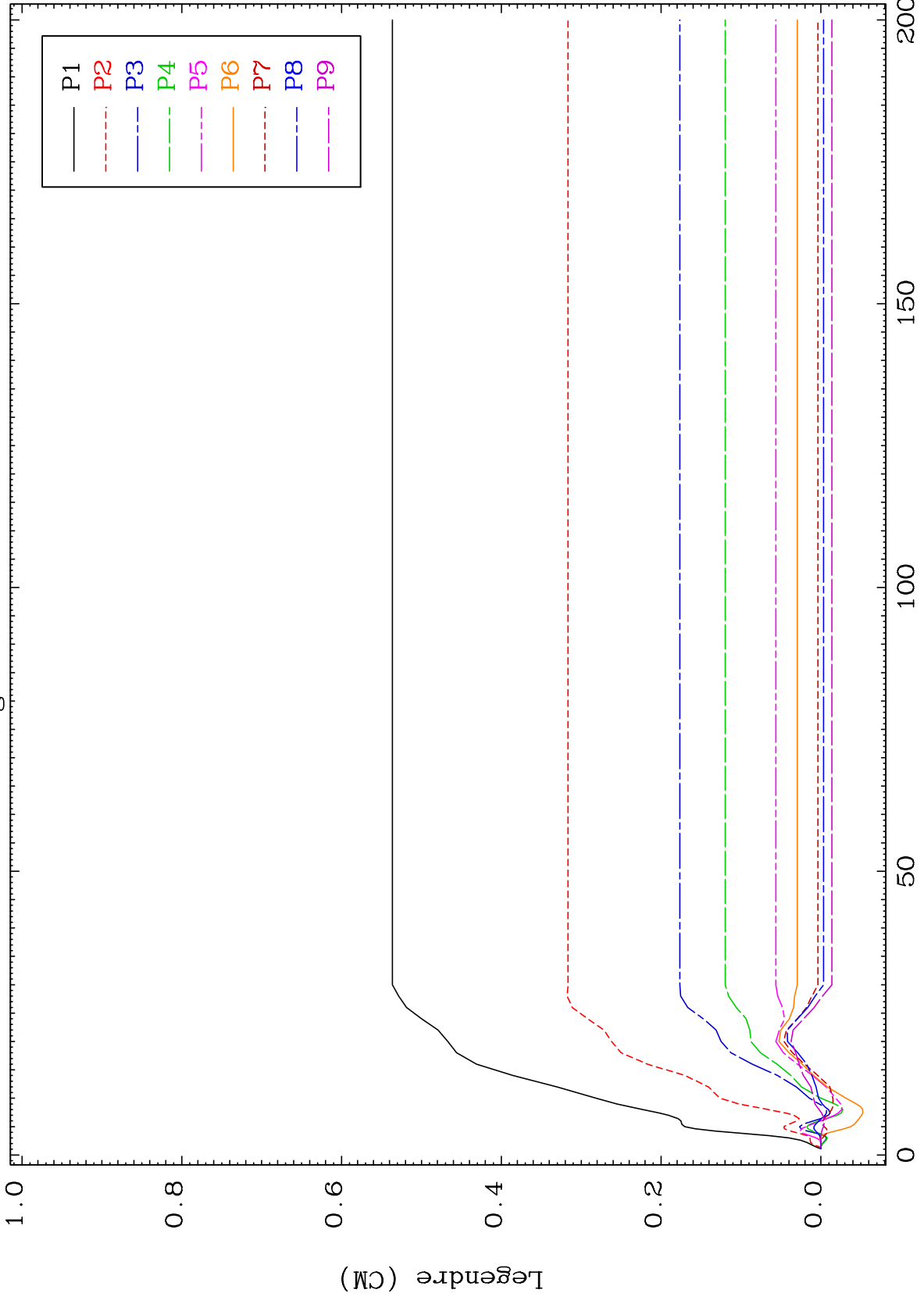
75-Re-177



123

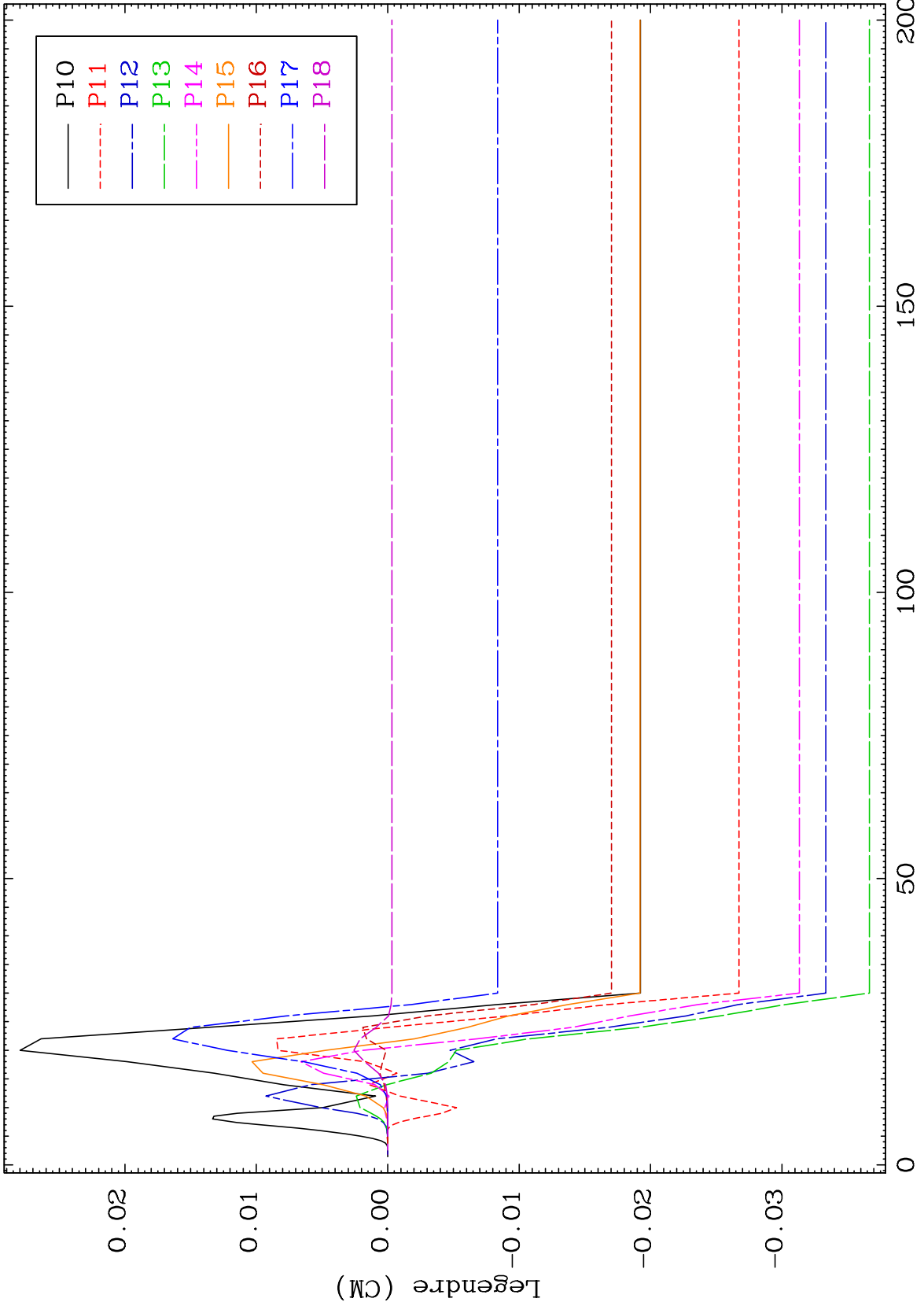
75-Re-177

MAT 7501 MT= 77 (n,n') Level Legendre Coefficients 75-Re-177



124 Incident Energy (MeV) 75-Re-177

MAT 7501 MT= 77 (n,n') Level Legendre Coefficients 75-Re-177

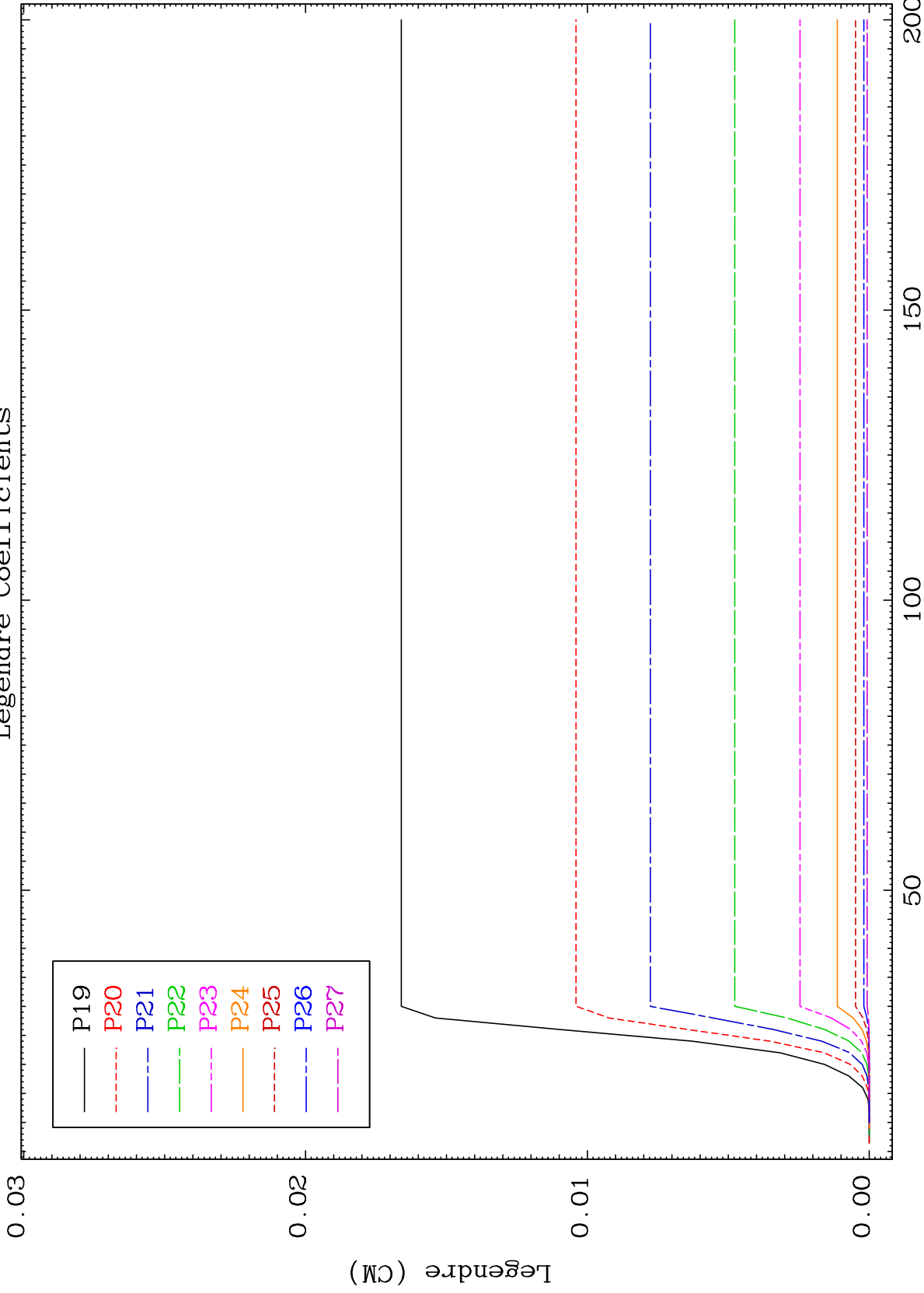


125 Incident Energy (MeV) 75-Re-177

MAT 7501

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

75-Re-177



126

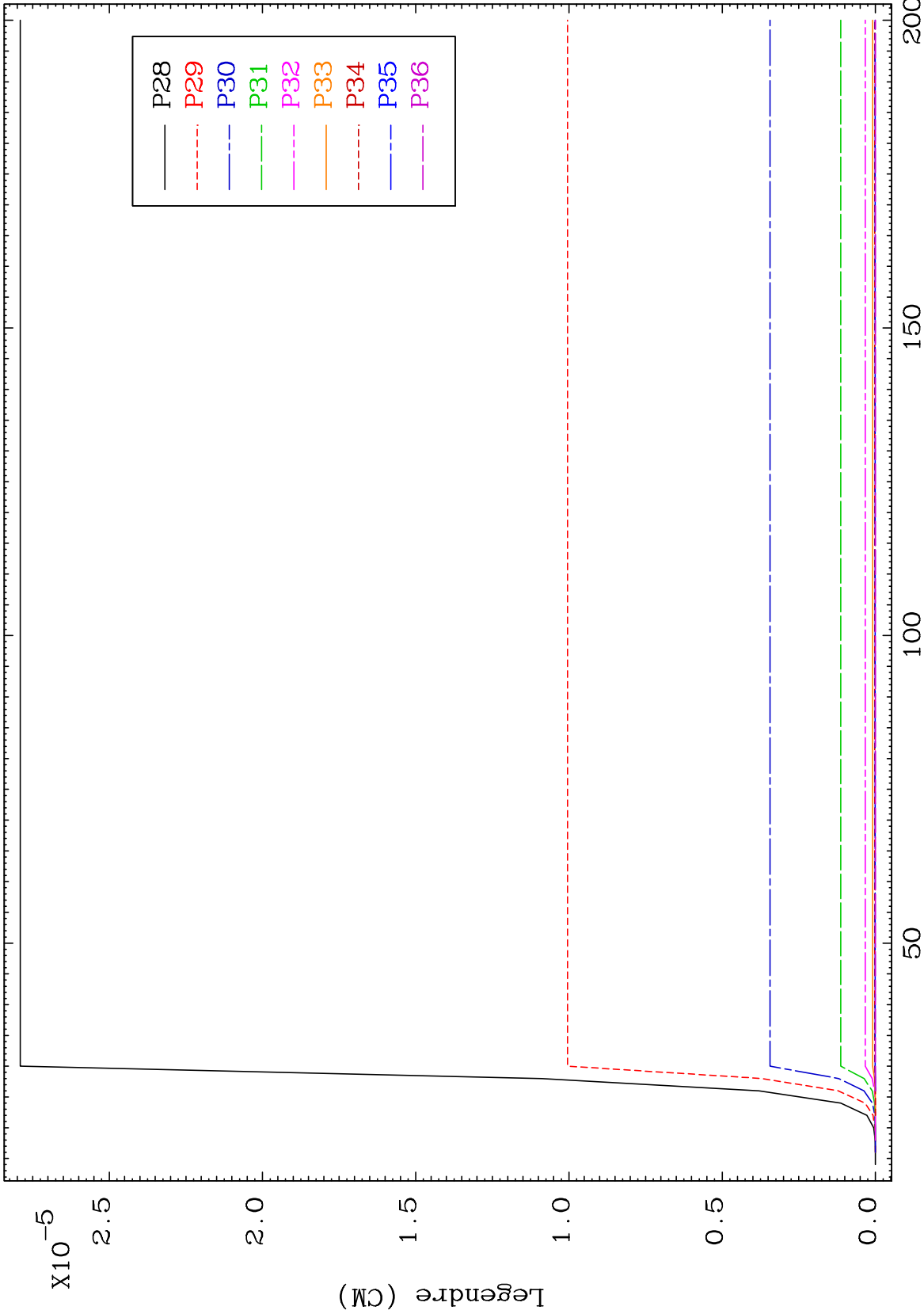
Incident Energy (MeV)

75-Re-177

MAT 7501

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

75-Re-177



127

Incident Energy (MeV)

75-Re-177

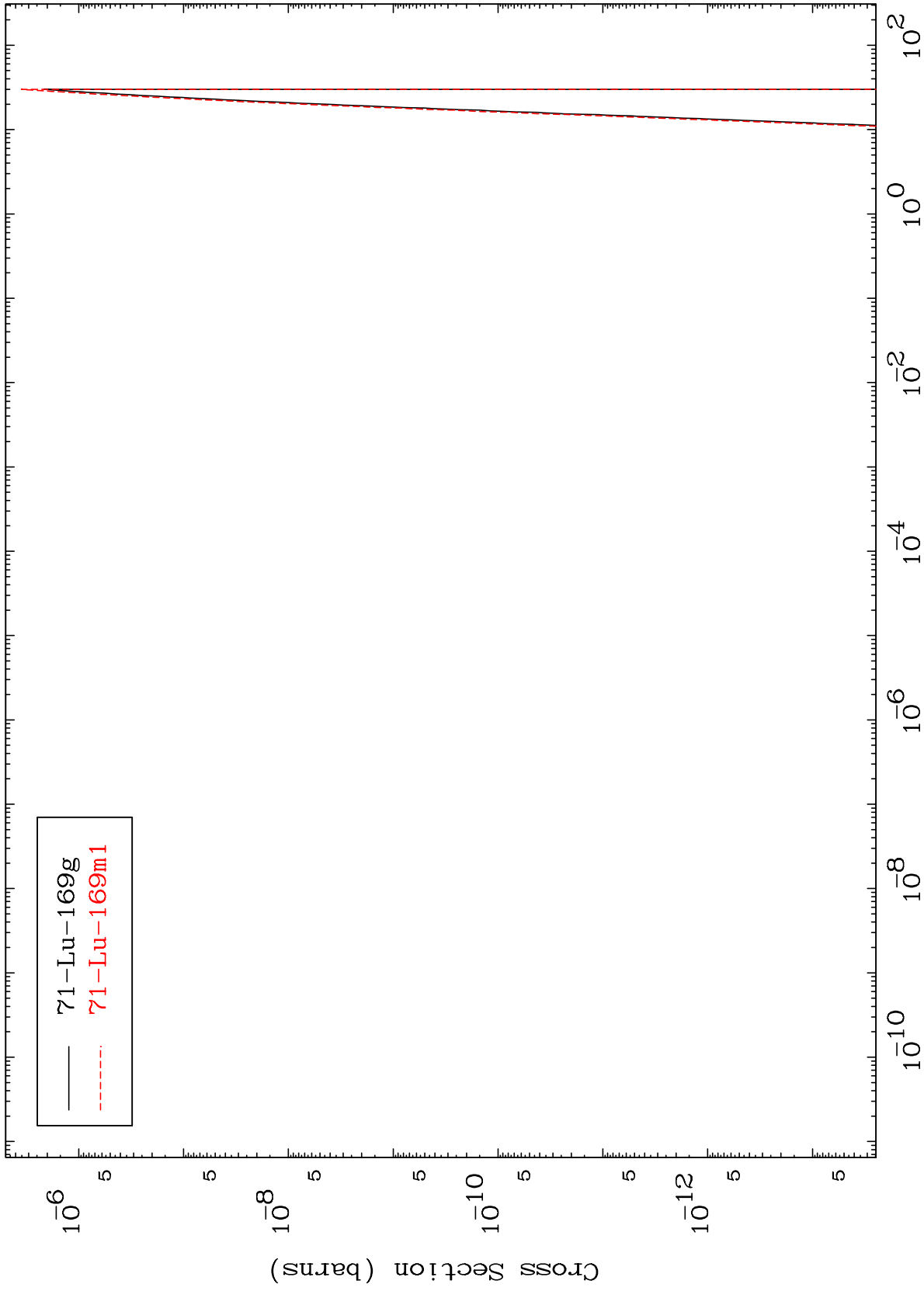


MAT 7501

(n,n') 2 $\alpha$

75-Re-177

Radionuclide Production Cross Section

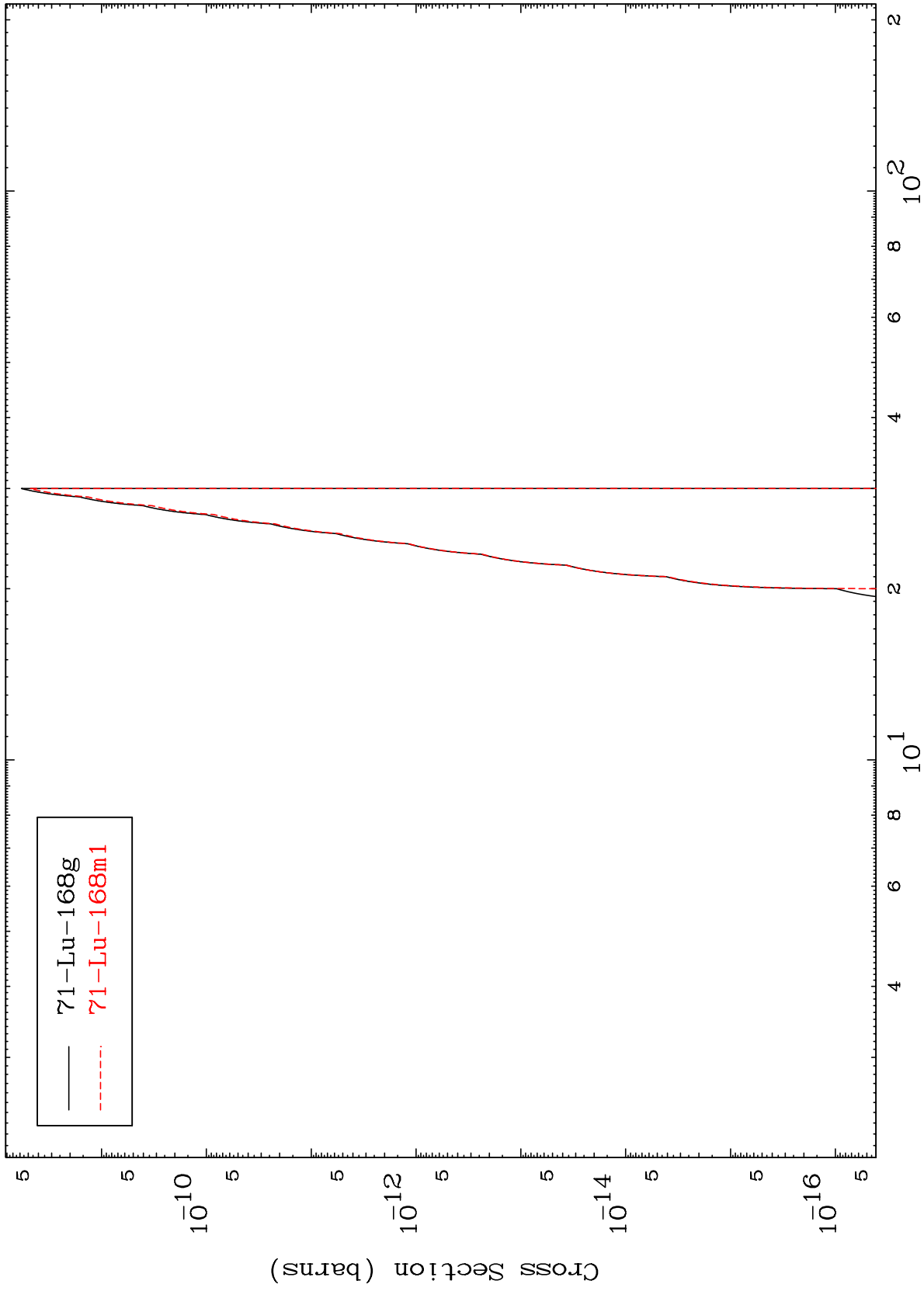


MAT 7501

$^{71}\text{Lu}$ -168g

$^{75}\text{Re}$ -177

Radionuclide Production Cross Section



129

Incident Energy (MeV)

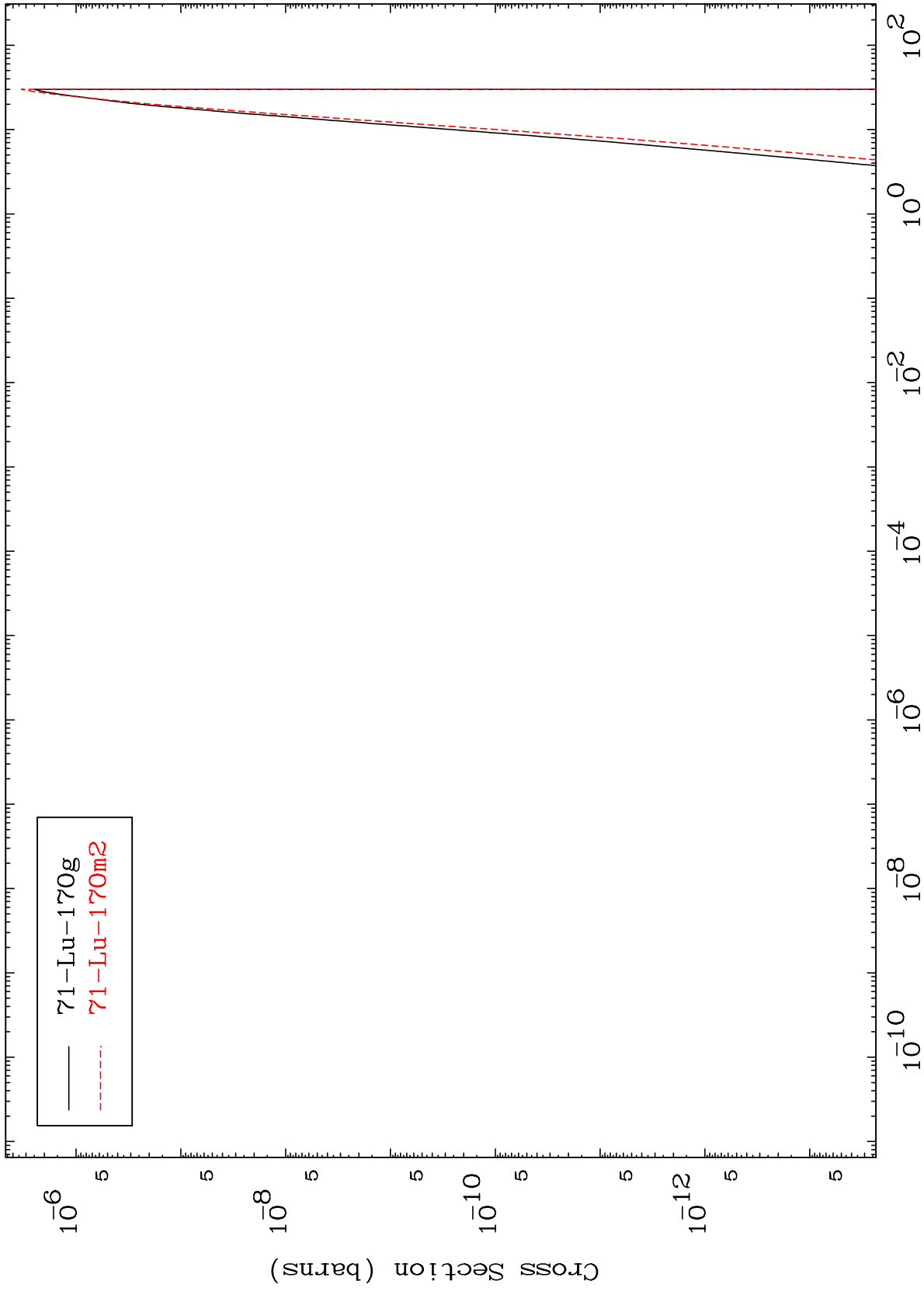
$^{75}\text{Re}$ -177

MAT 7501

(n,2α)

75-Re-177

Radionuclide Production Cross Section



130

Incident Energy (MeV)

75-Re-177