

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

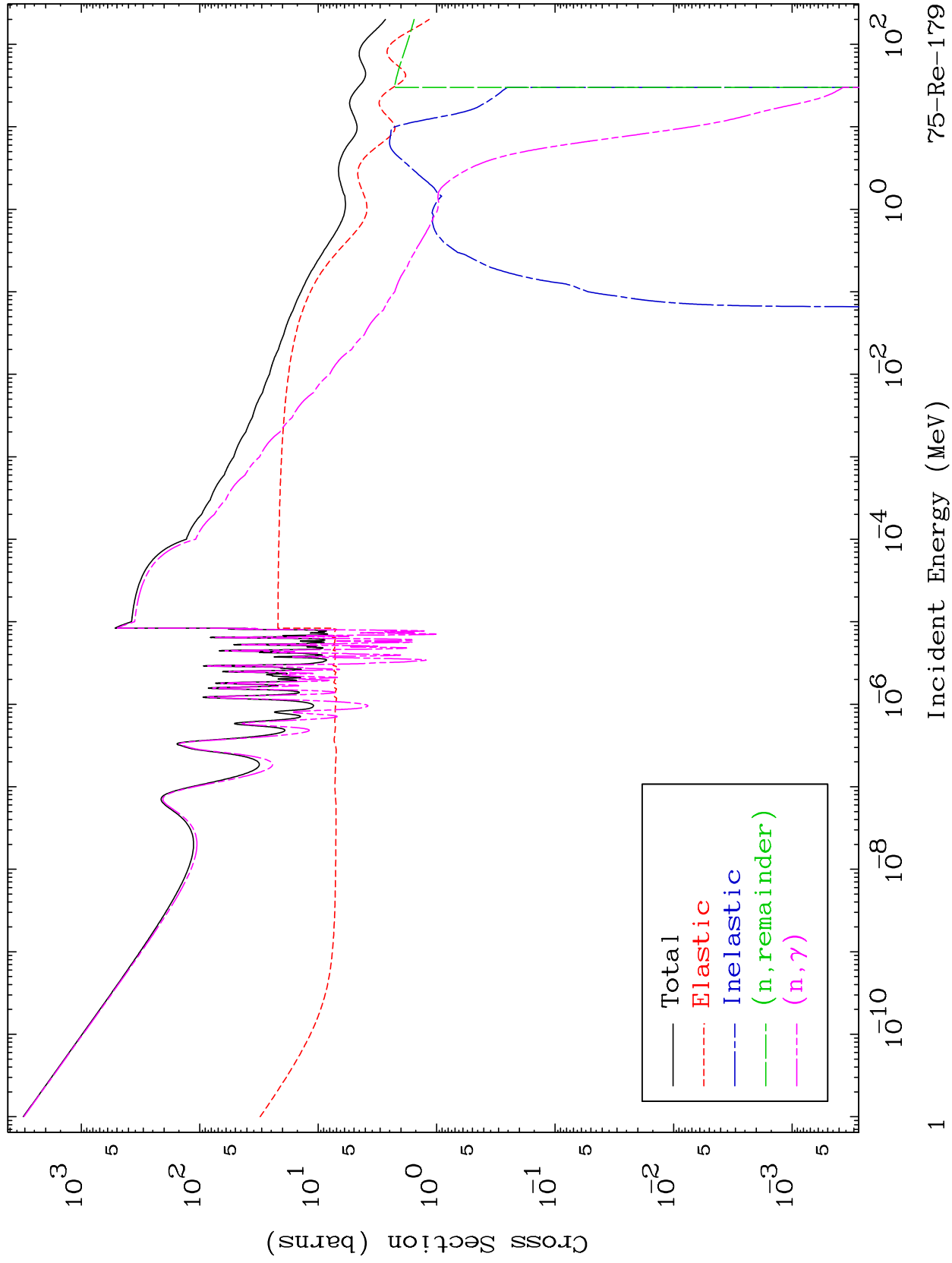
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7507

Major  
293 Kelvin Cross Sections

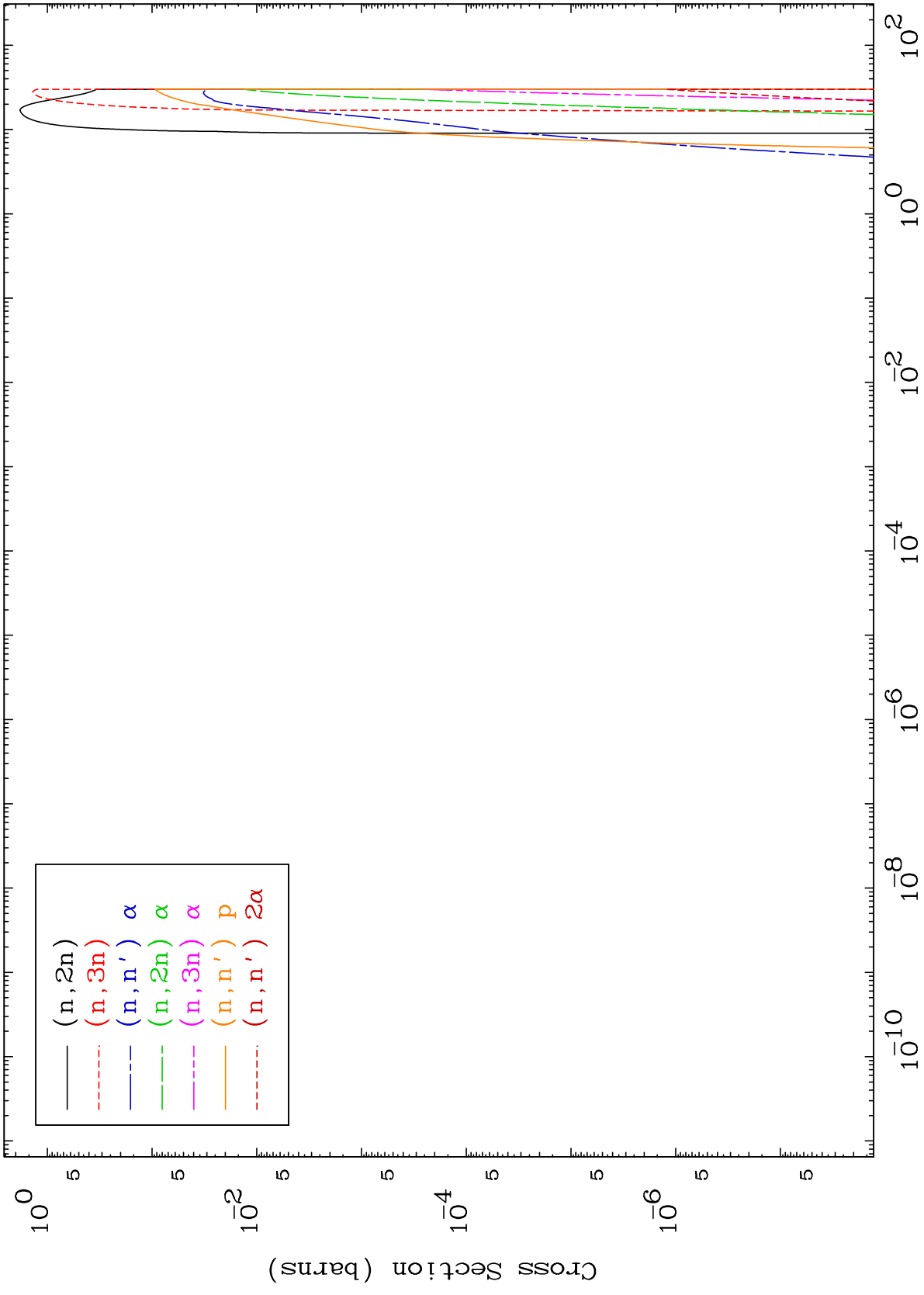
75-Re-179

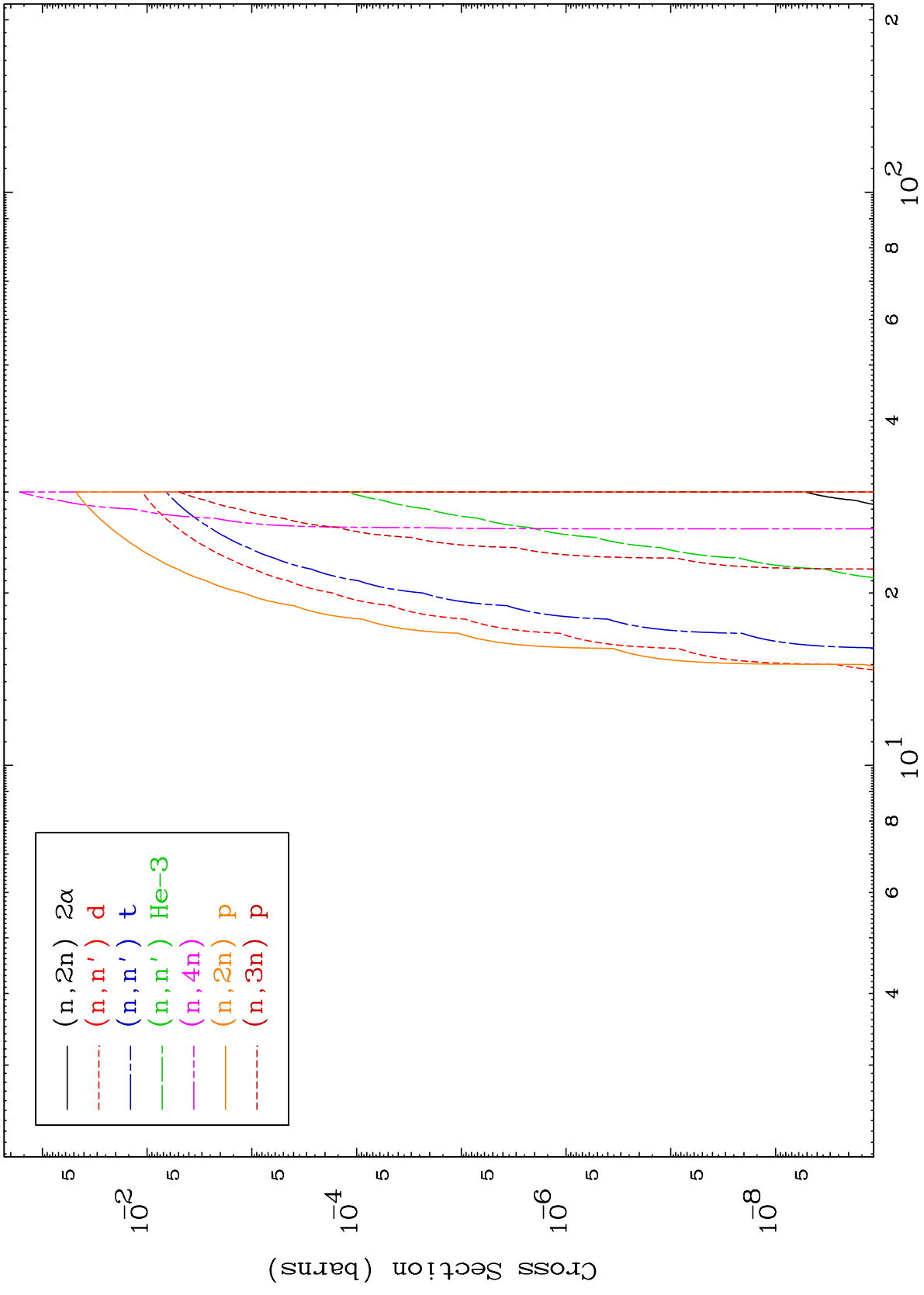


MAT 7507

Neutron Production  
293 Kelvin Cross Sections

75-Re-179

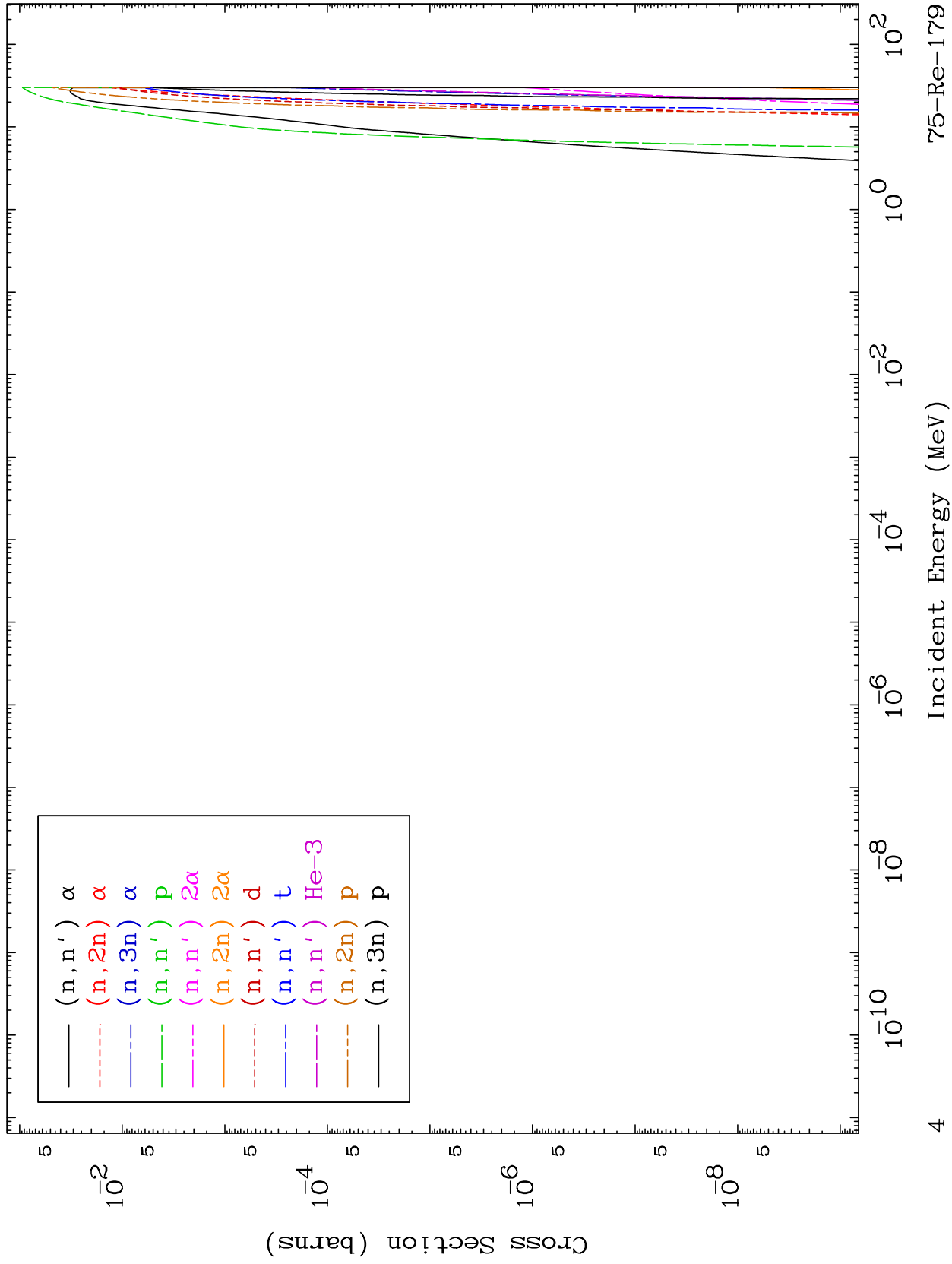




MAT 7507

Charged Particle  
293 Kelvin Cross Sections

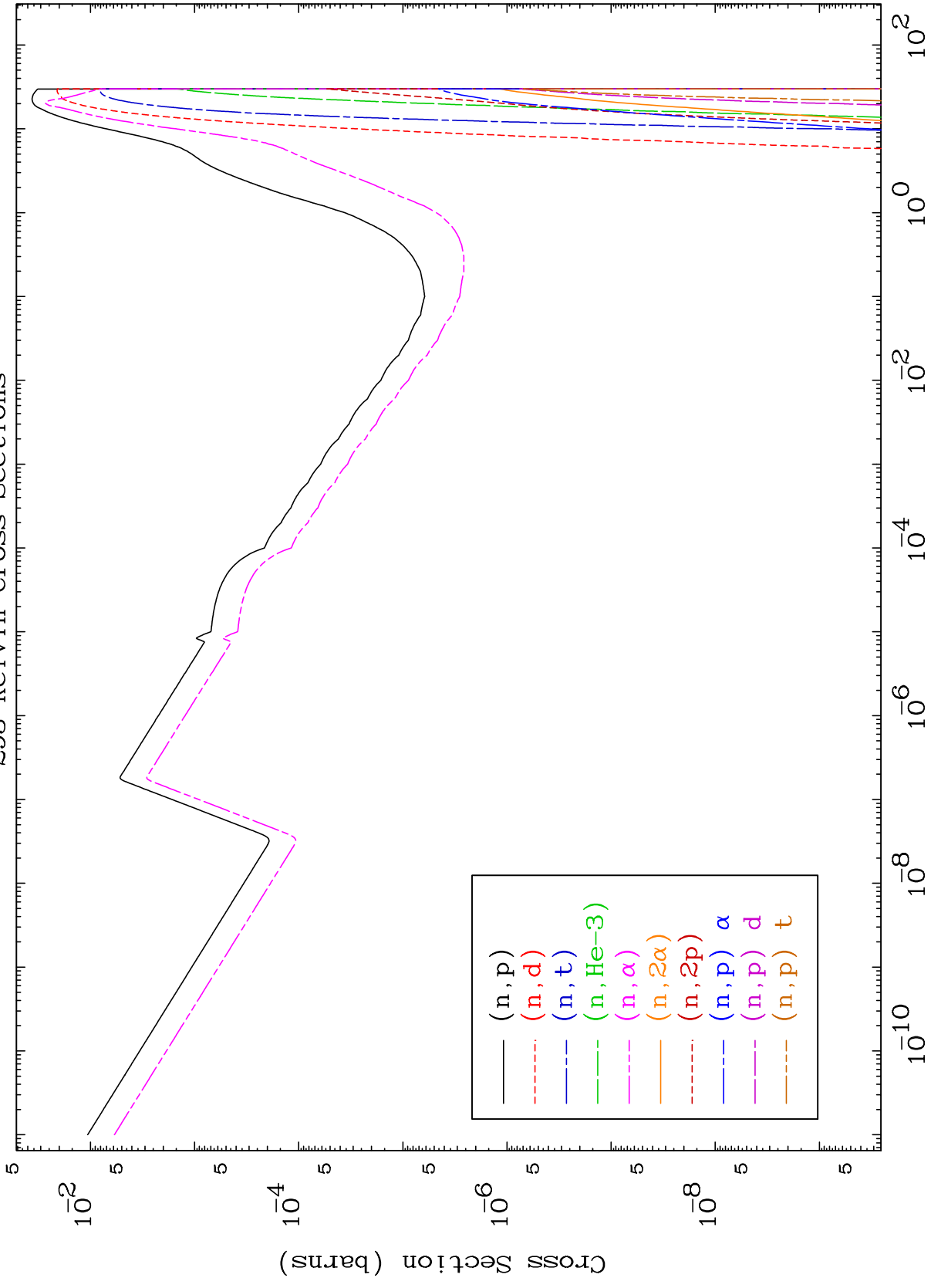
75-Re-179



MAT 7507

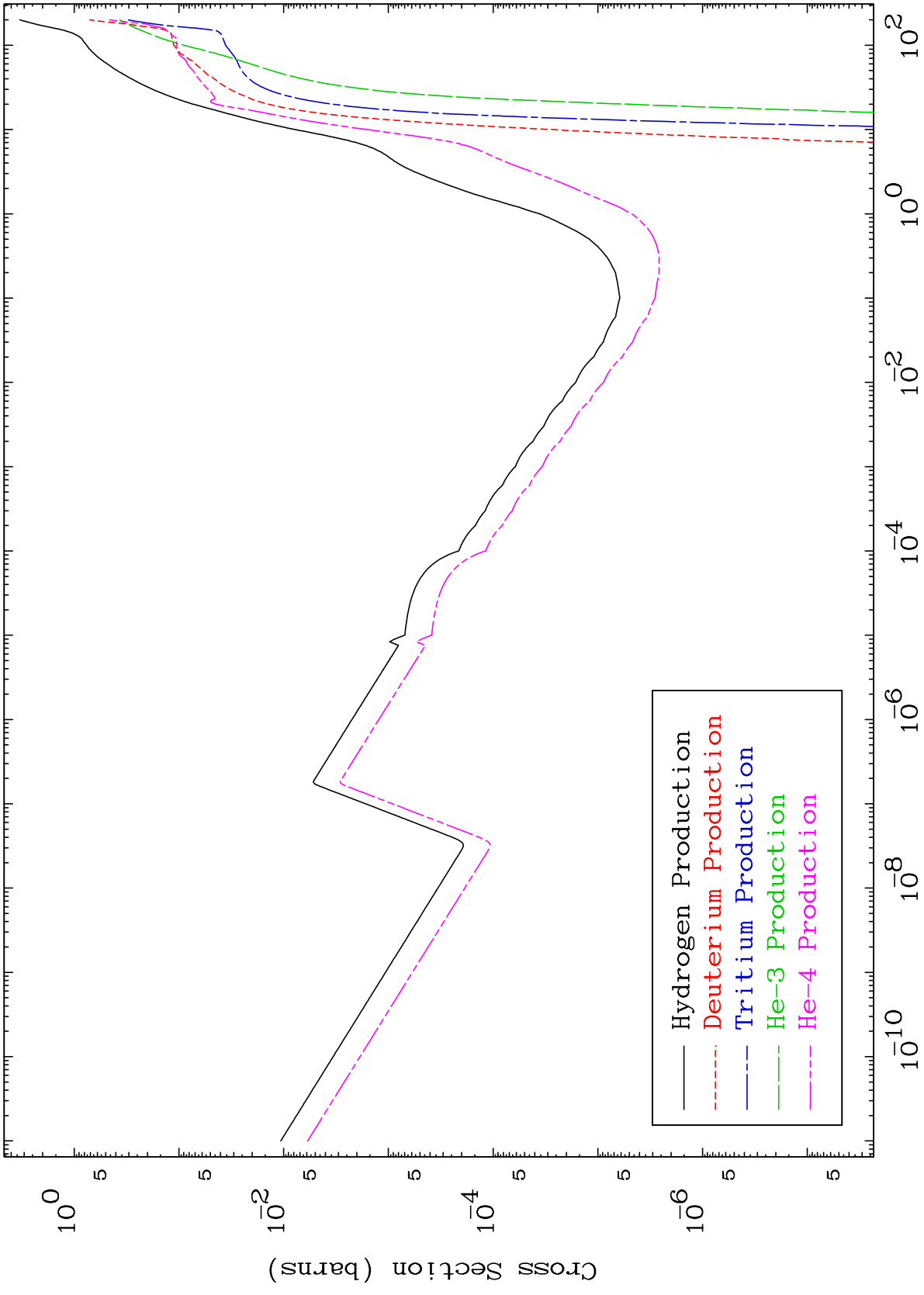
Charged Particle  
293 Kelvin Cross Sections

75-Re-179



5

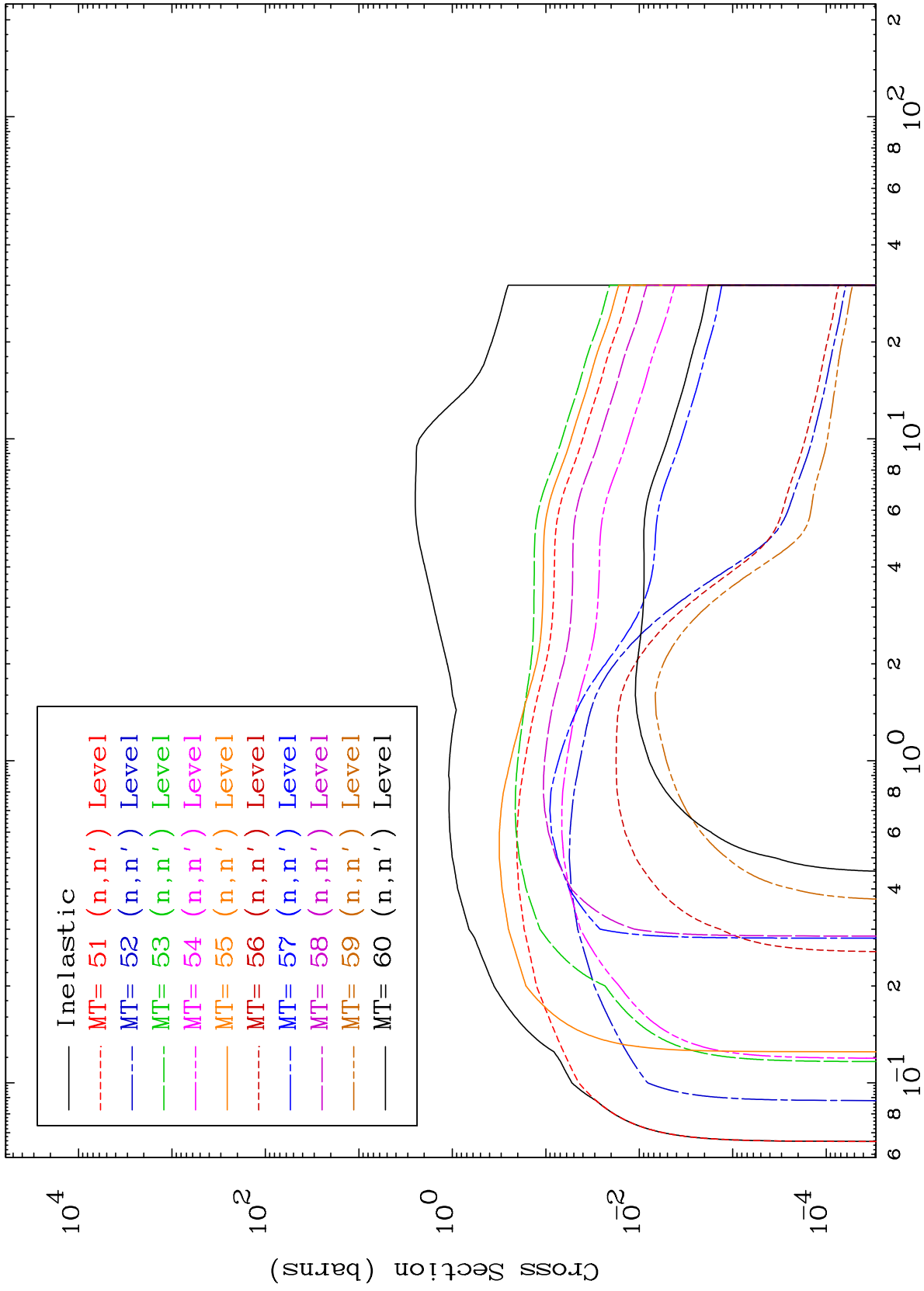
75-Re-179



MAT 7507

293 Kelvin Cross Sections

75-Re-179



7

Incident Energy (MeV)

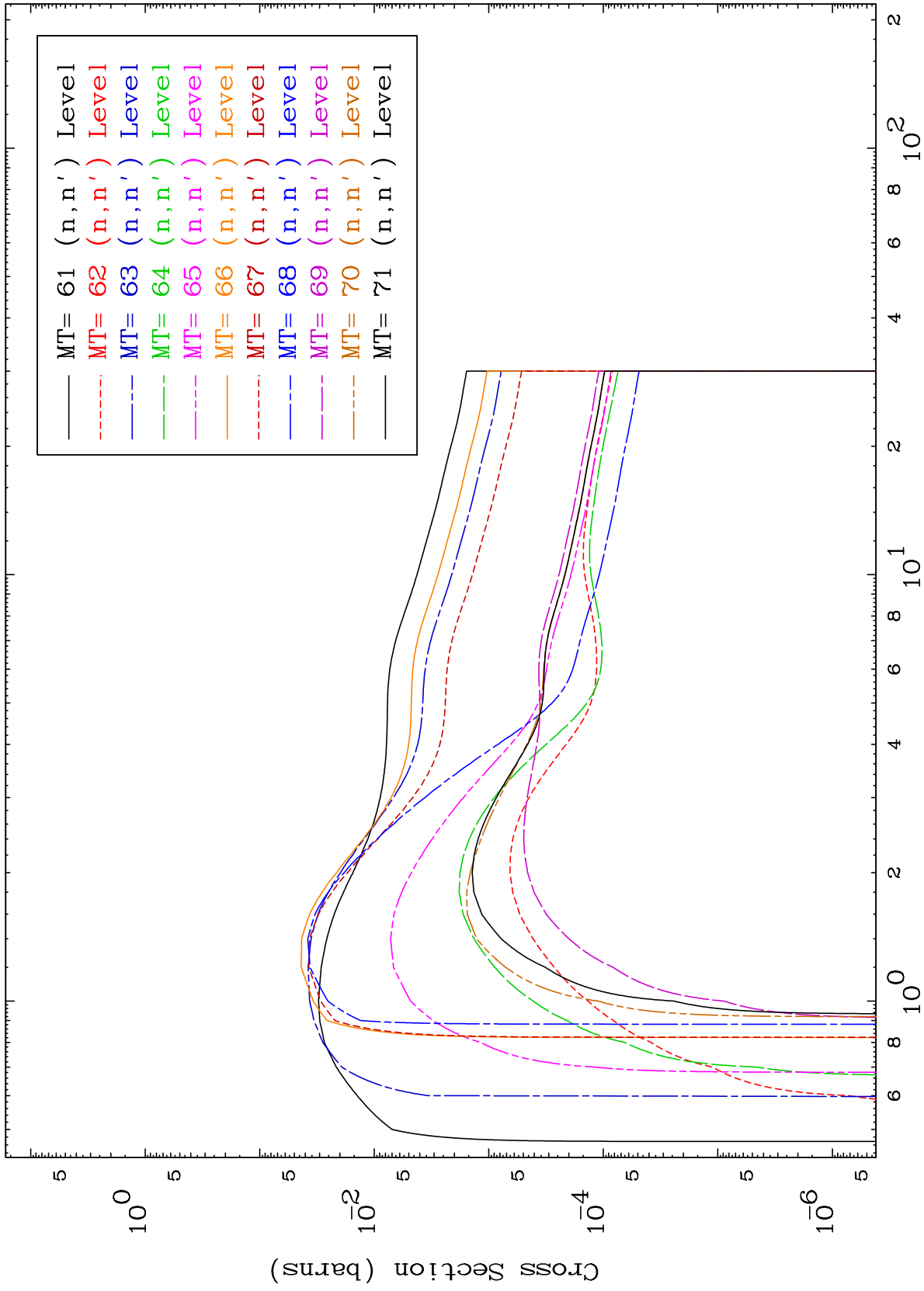
75-Re-179



MAT 7507

(n,n') Level  
293 Kelvin Cross Sections

75-Re-179



8

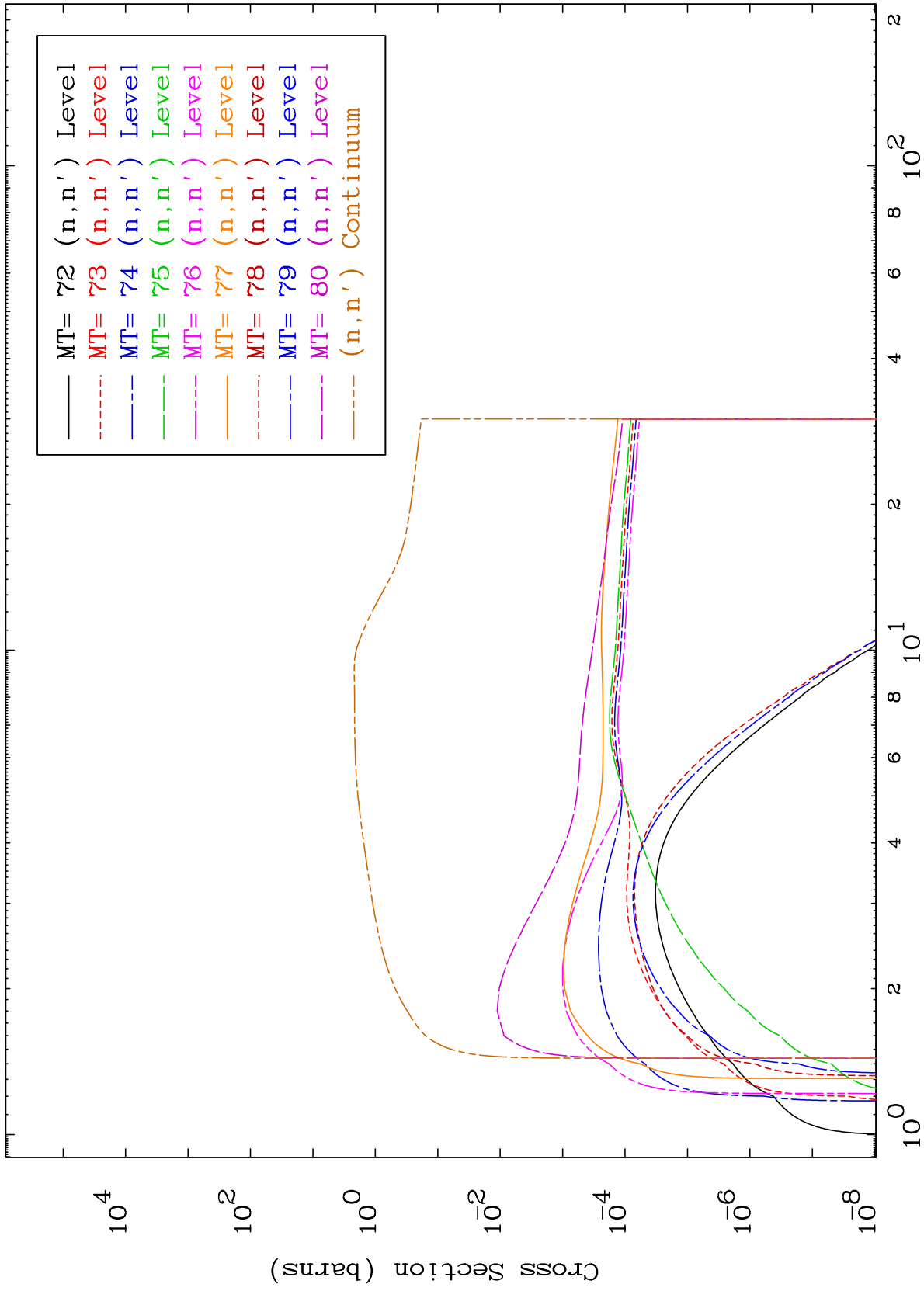
Incident Energy (MeV)

75-Re-179

MAT 7507

(n,n') Level  
293 Kelvin Cross Sections

75-Re-179



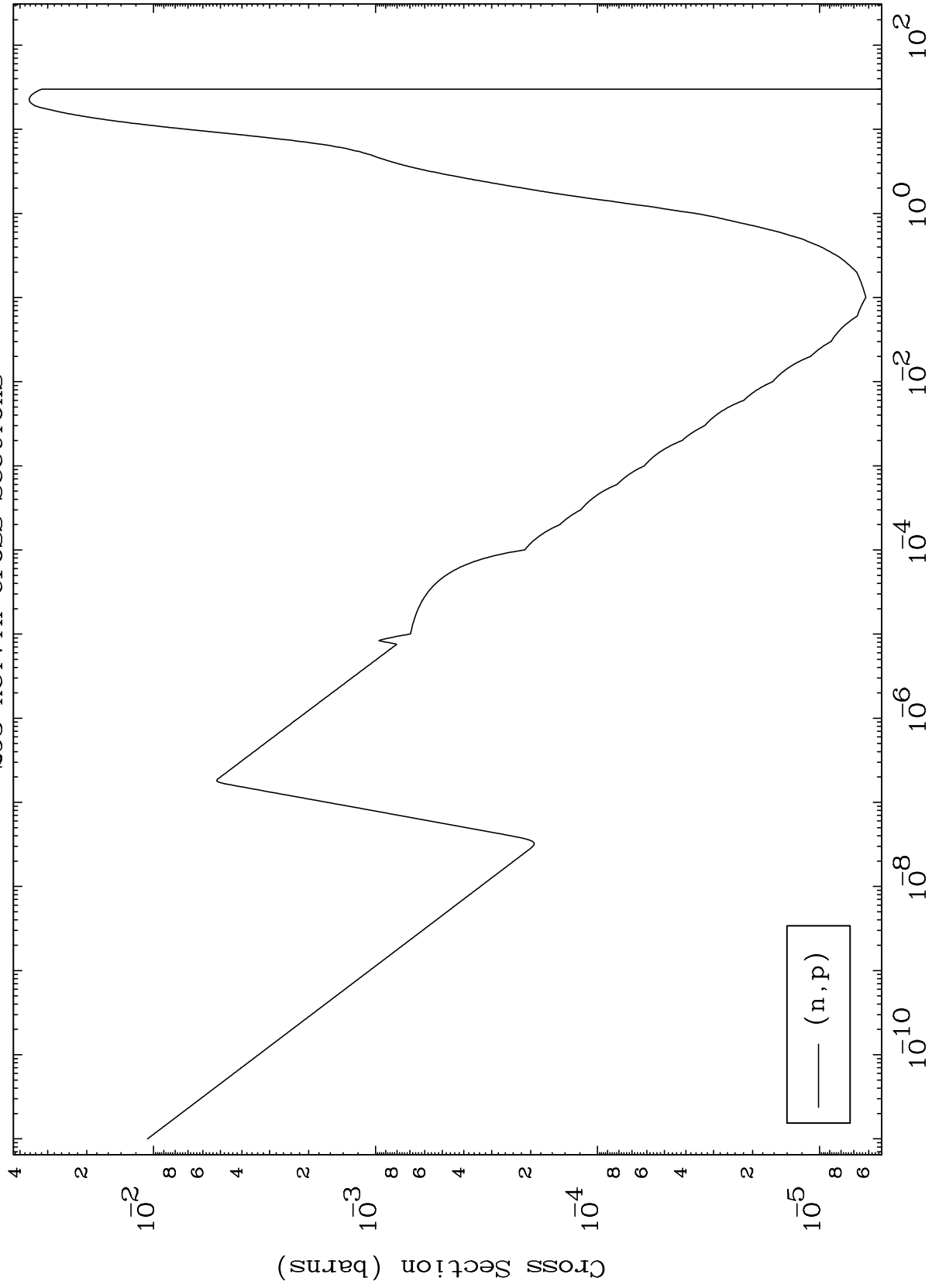
Incident Energy (MeV)

75-Re-179

MAT 7507

(n,p) Levels  
293 Kelvin Cross Sections

75-Re-179



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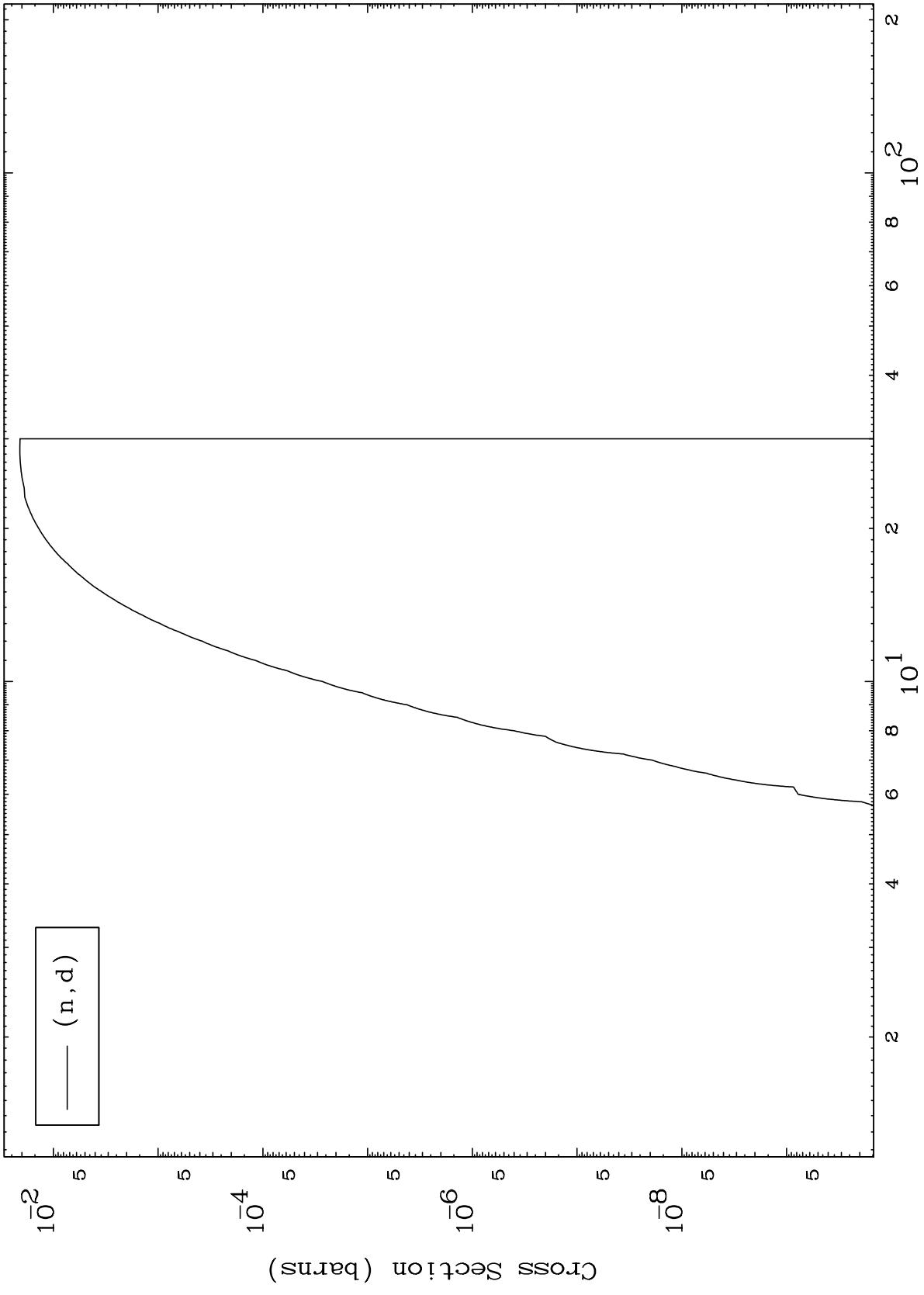
75-Re-179

— (n, p)

MAT 7507

(n,d) Levels  
293 Kelvin Cross Sections

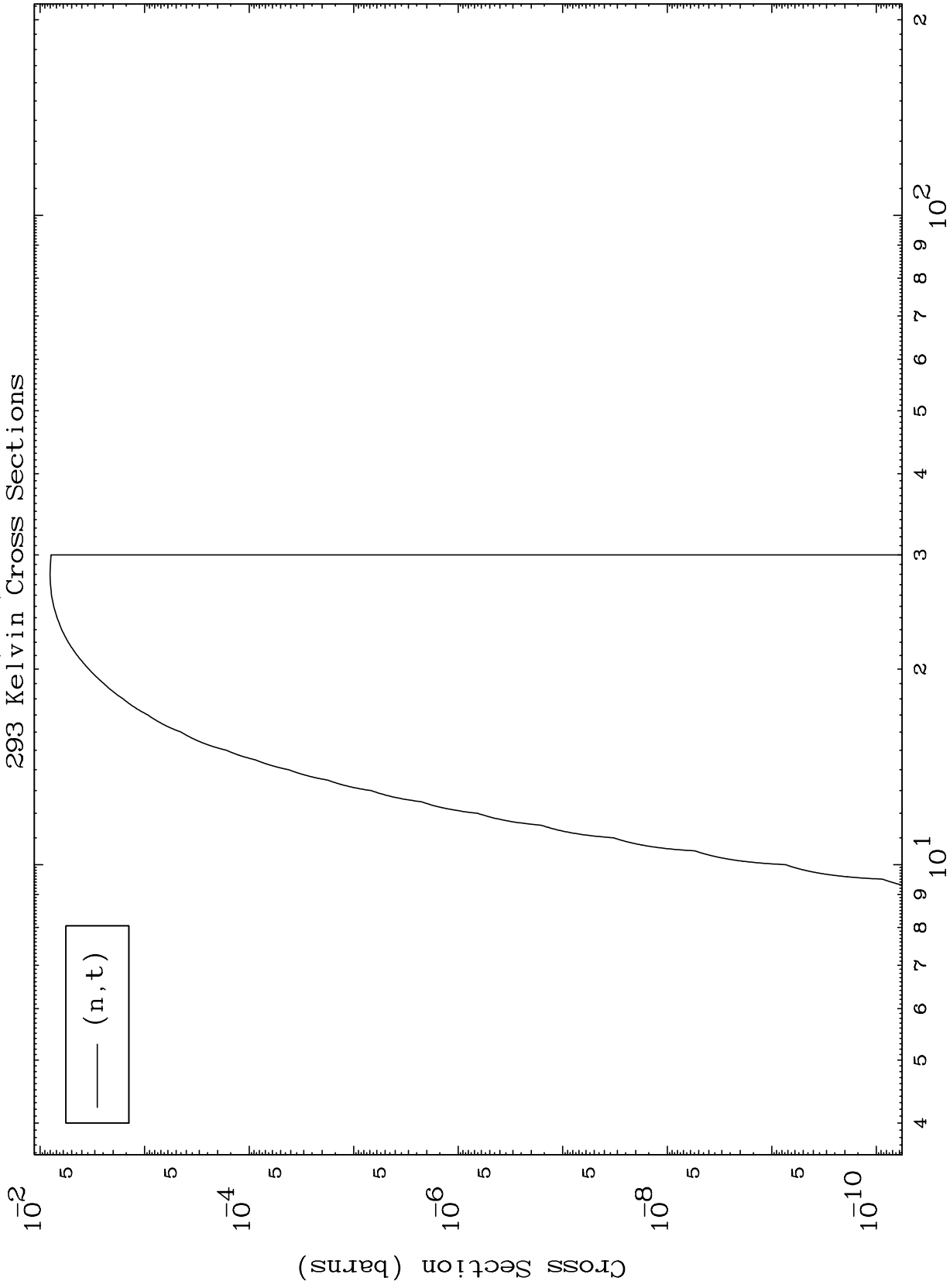
75-Re-179



MAT 7507

(n,t) Levels  
293 Kelvin Cross Sections

75-Re-179



12

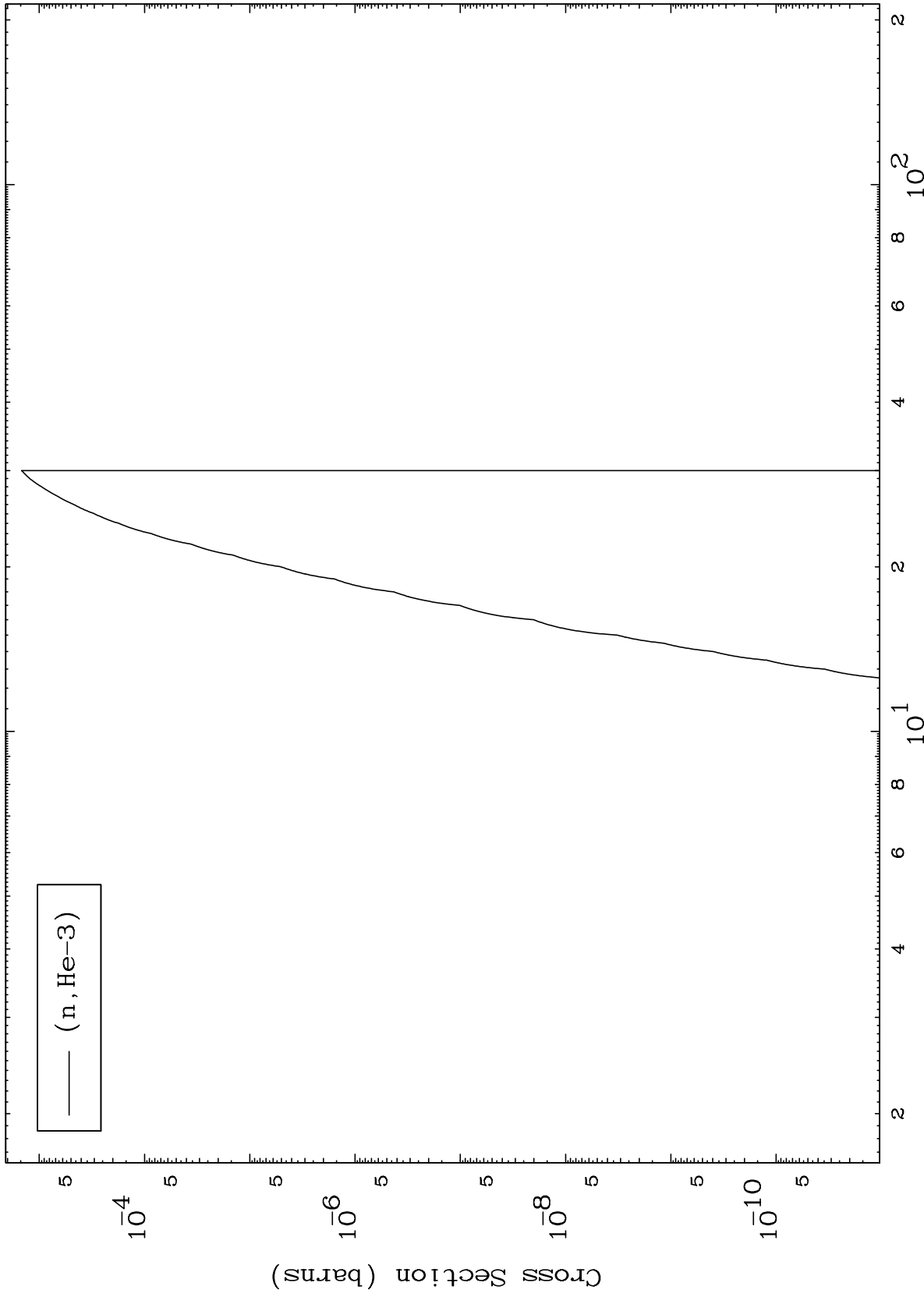
Incident Energy (MeV)

75-Re-179

MAT 7507

(n,He3) Levels  
293 Kelvin Cross Sections

75-Re-179



13

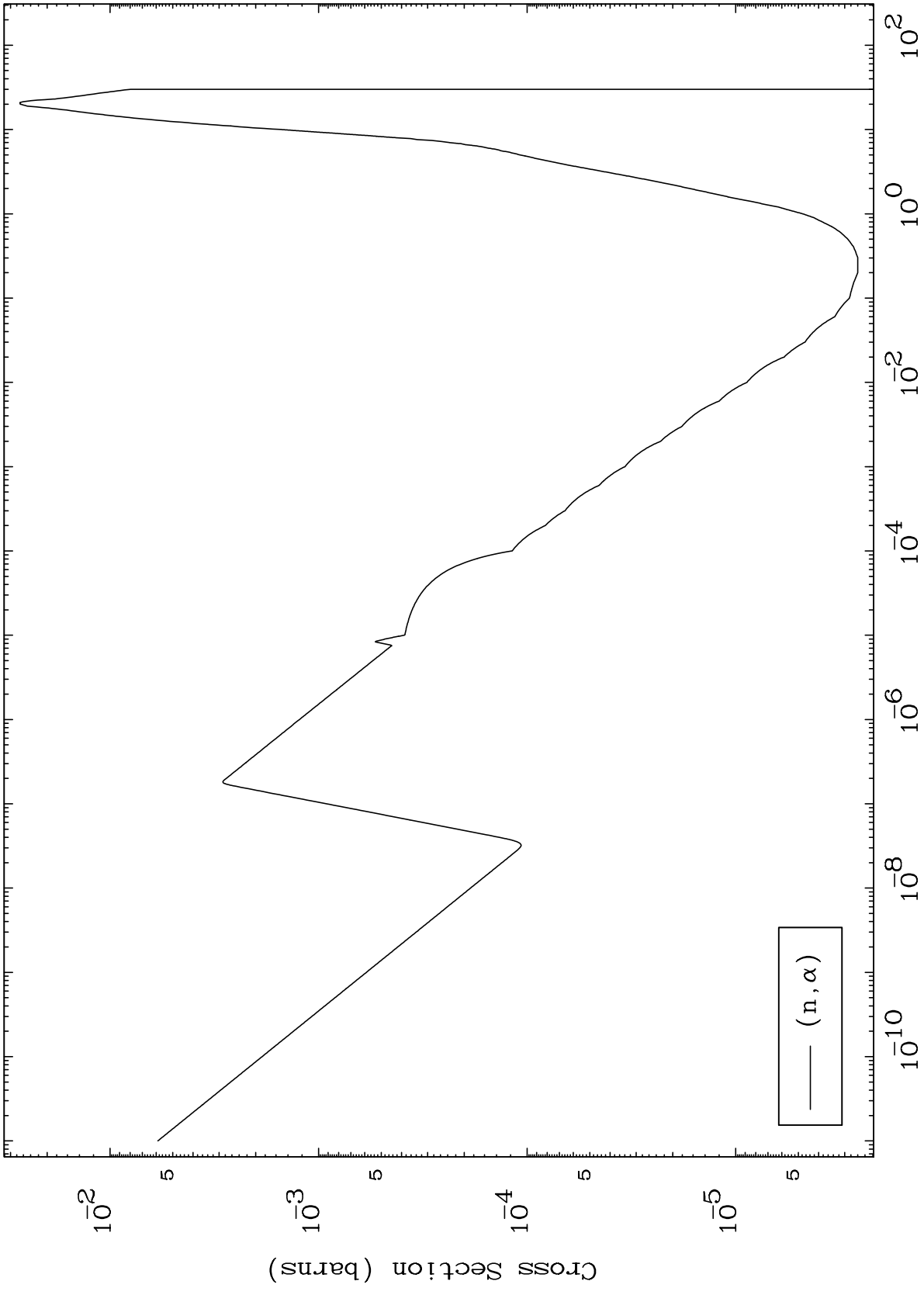
Incident Energy (MeV)

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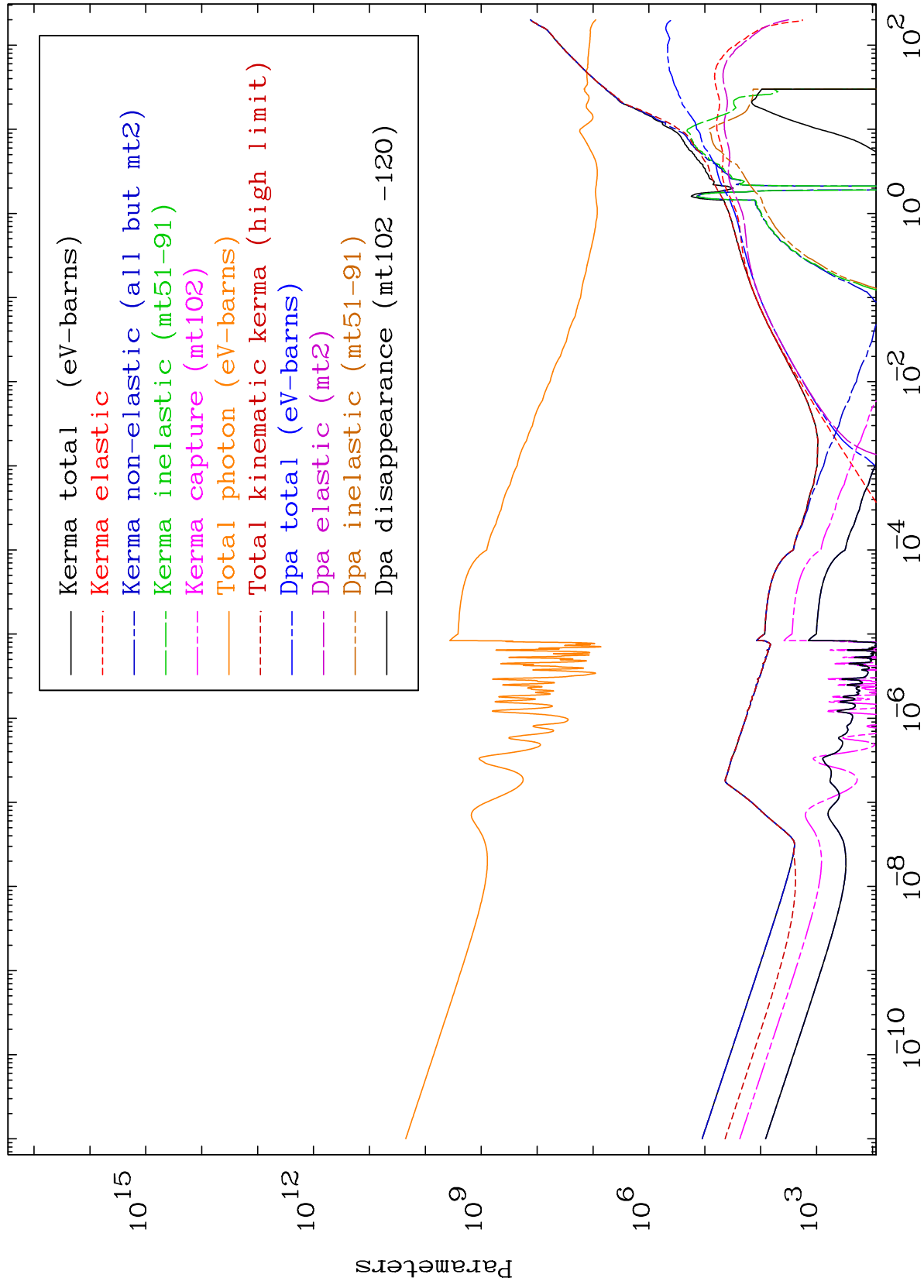
MAT 7507

(n,α) Levels  
293 Kelvin Cross Sections

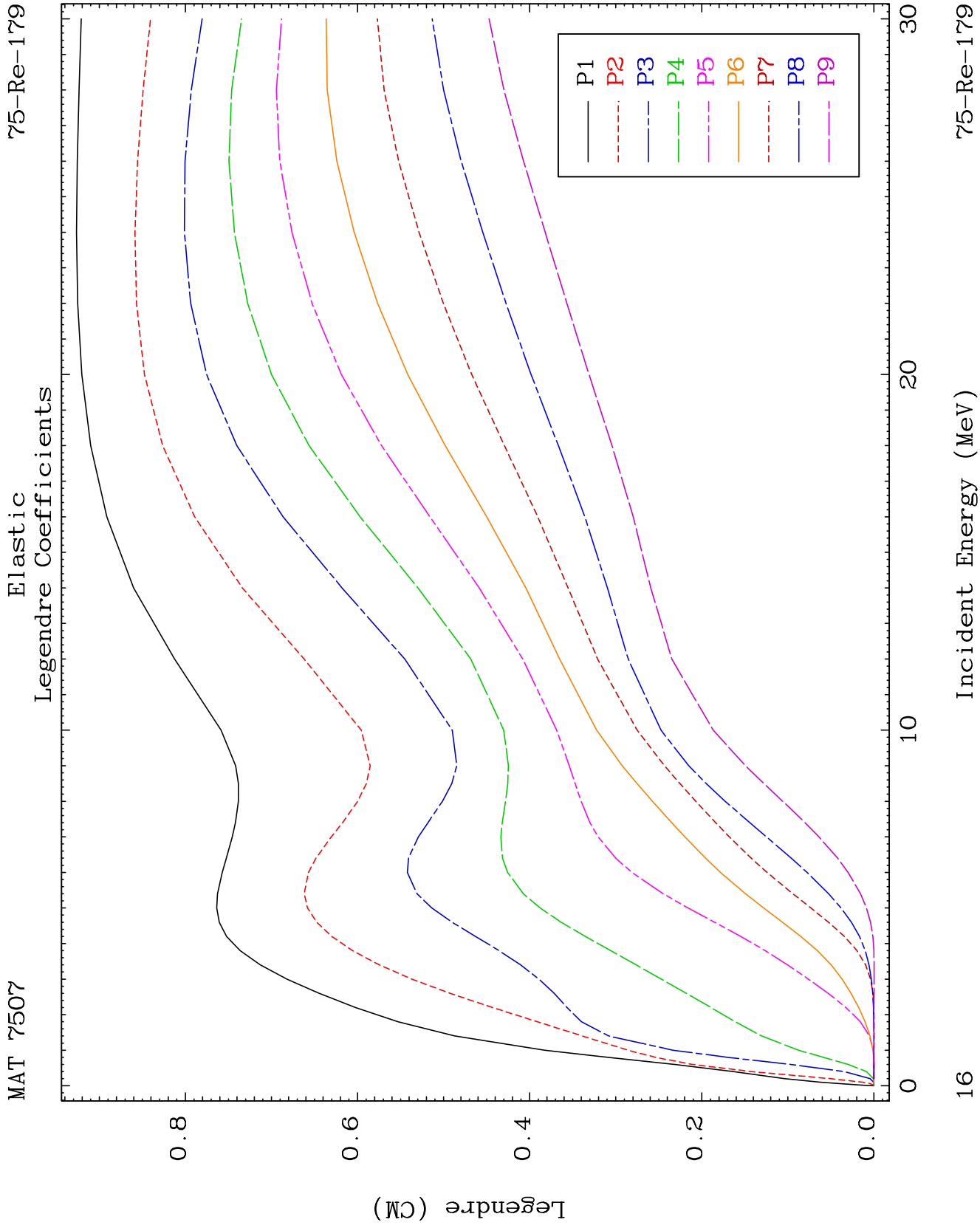
75-Re-179



75-Re-179



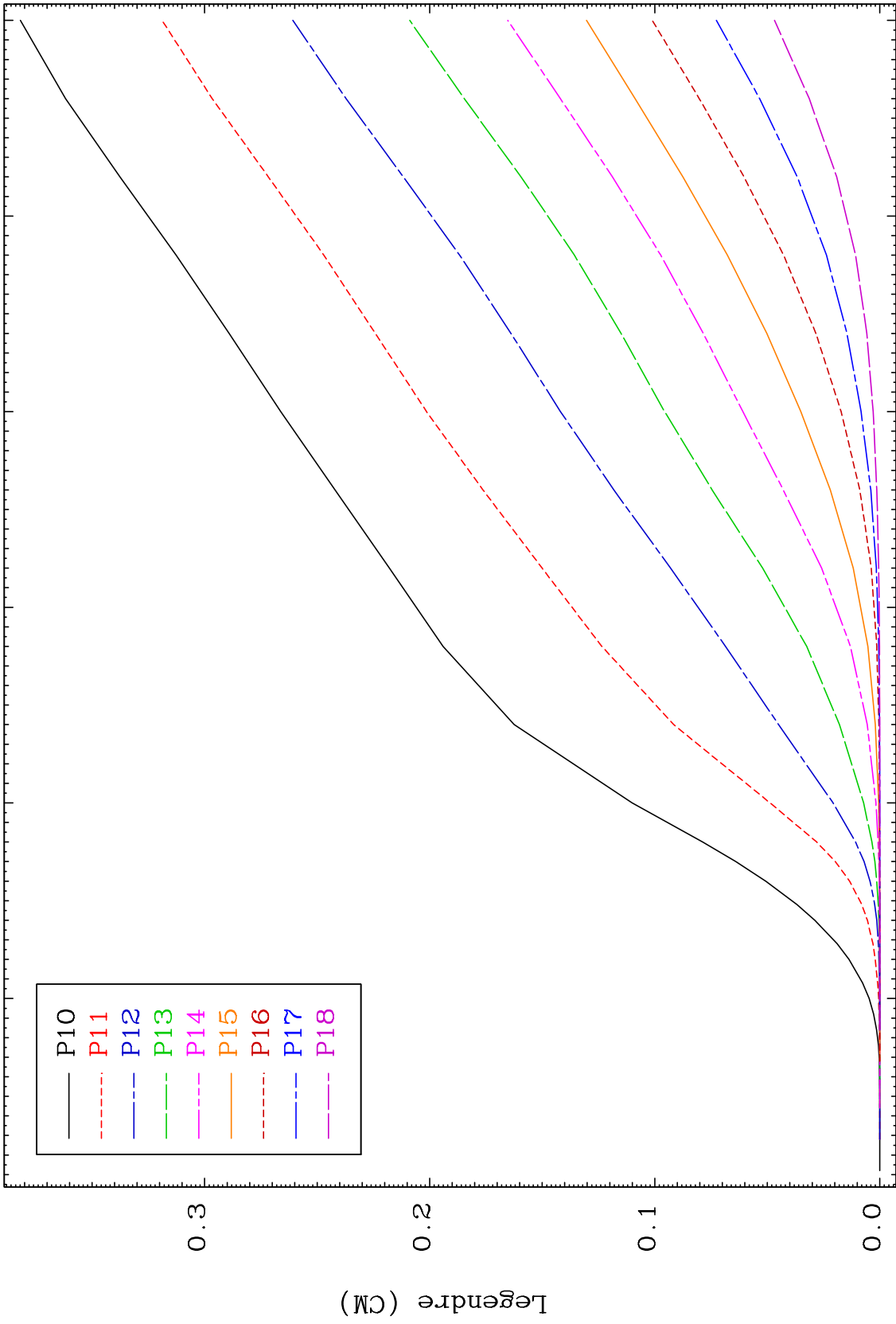




MAT 7507

Elastic Legendre Coefficients

75-Re-179



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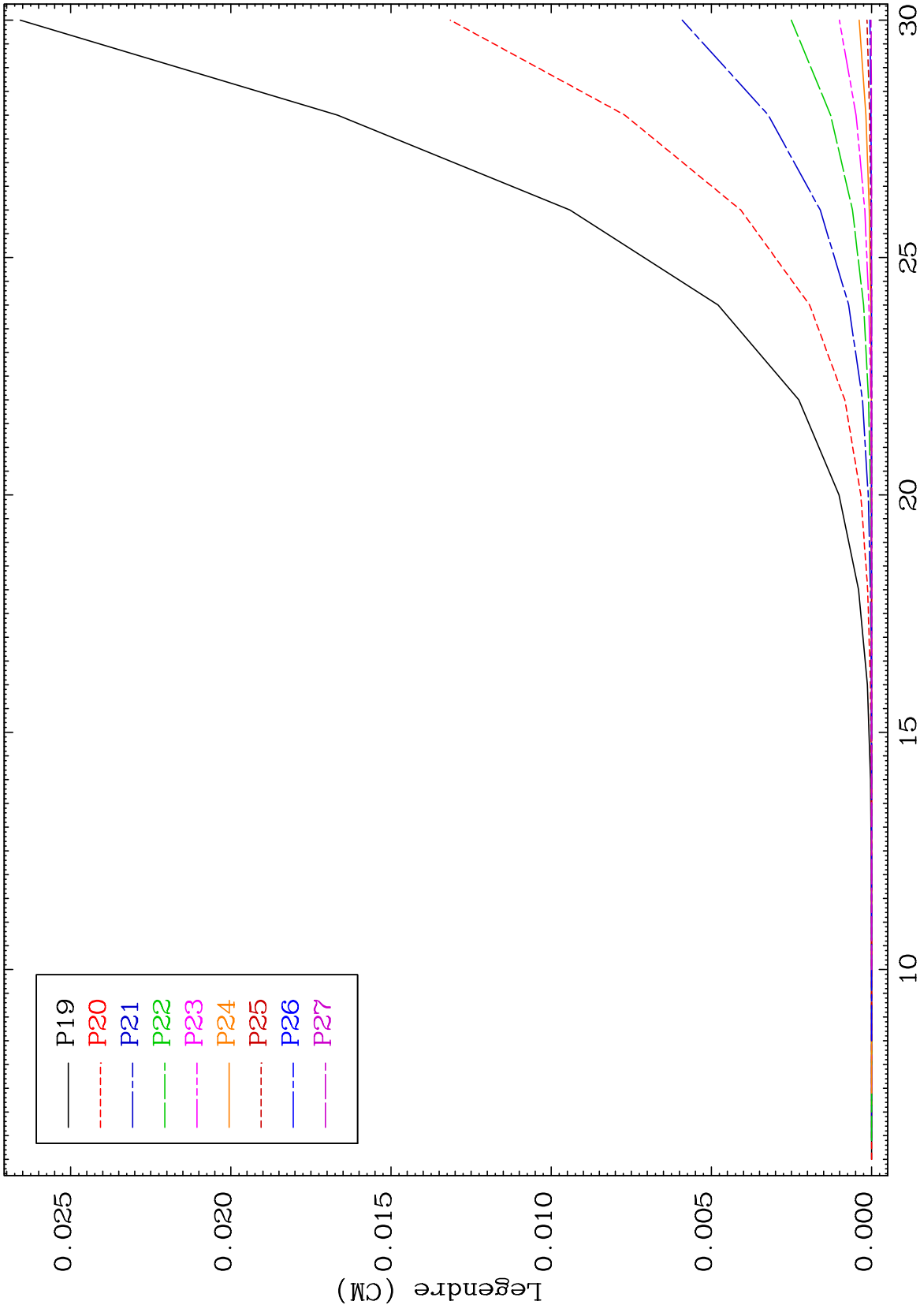
Incident Energy (MeV)

75-Re-179

MAT 7507

### Elastic Legendre Coefficients

75-Re-179



18

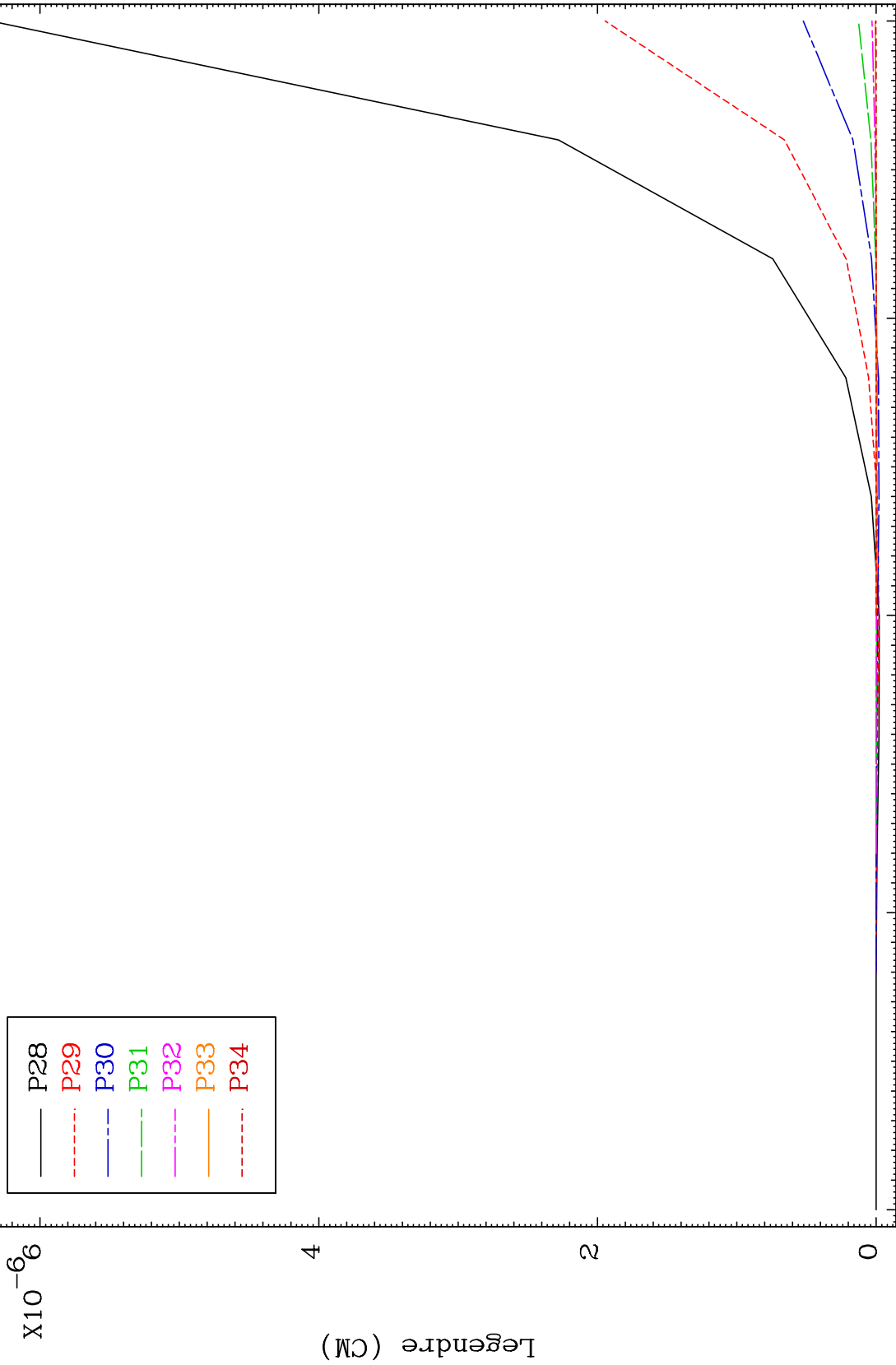
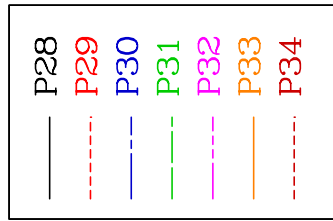
Incident Energy (MeV)

75-Re-179

MAT 7507

Elastic Legendre Coefficients

75-Re-179



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Incident Energy (MeV)

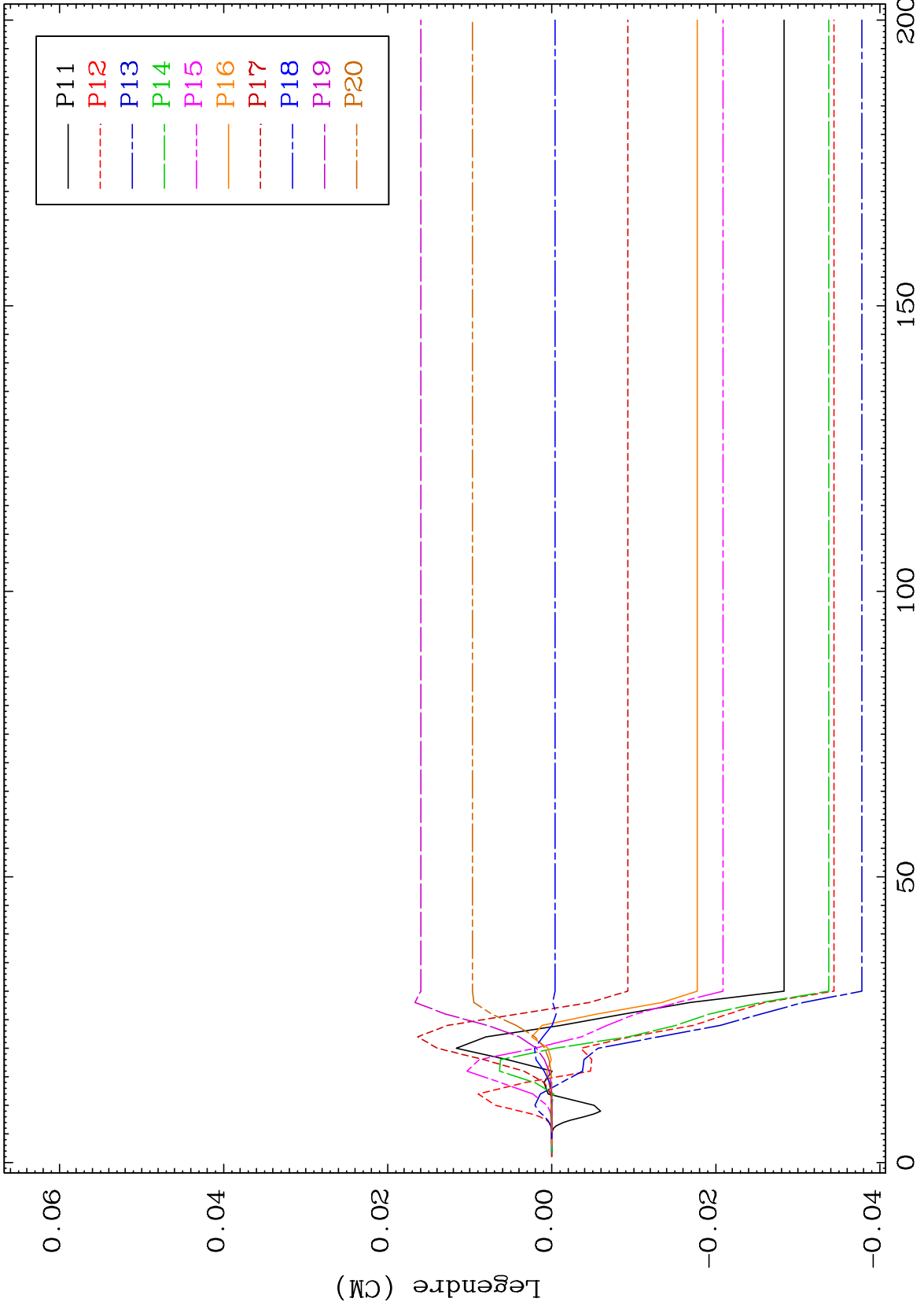
75-Re-179



MAT 7507

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

75-Re-179



21

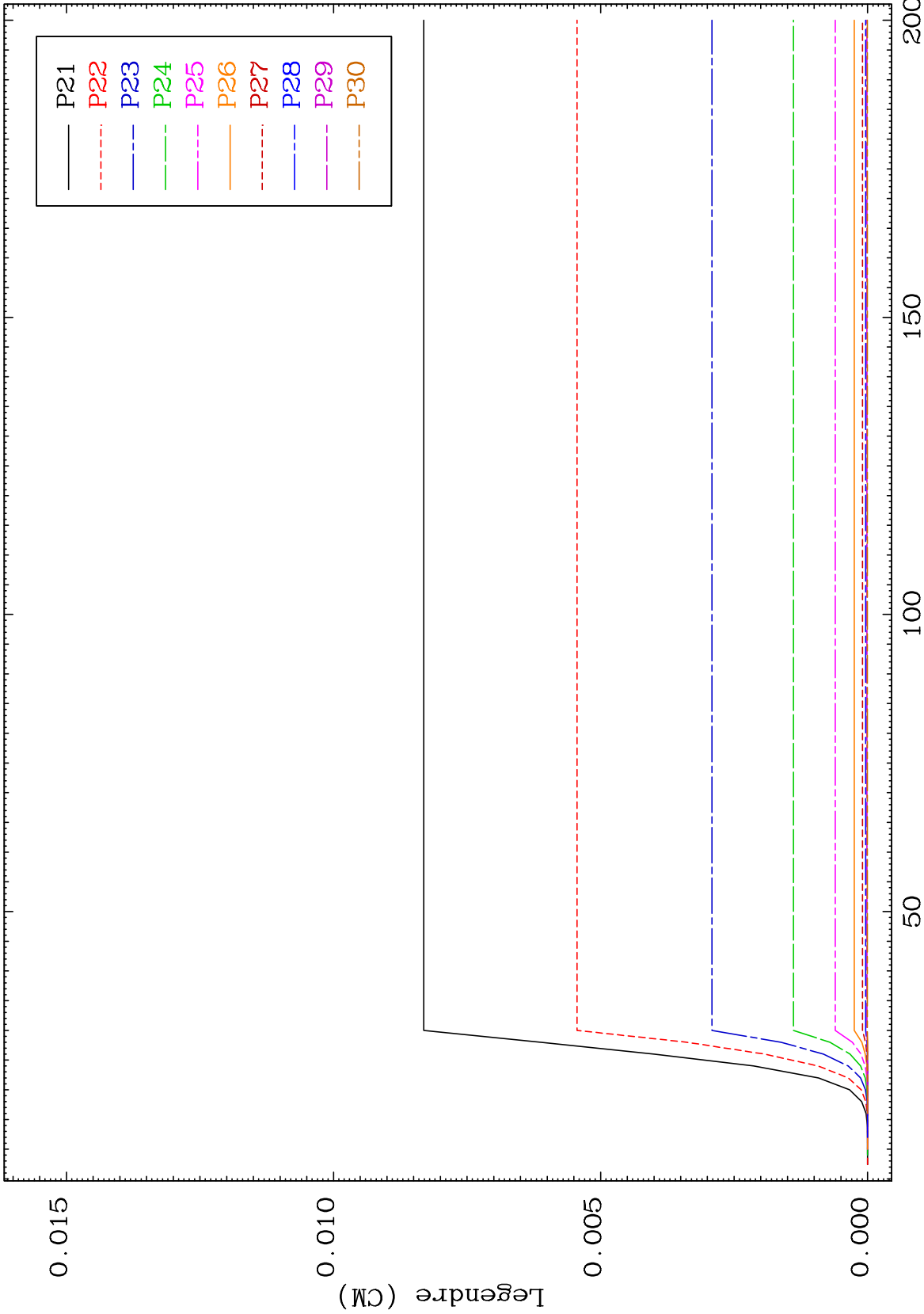
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



22

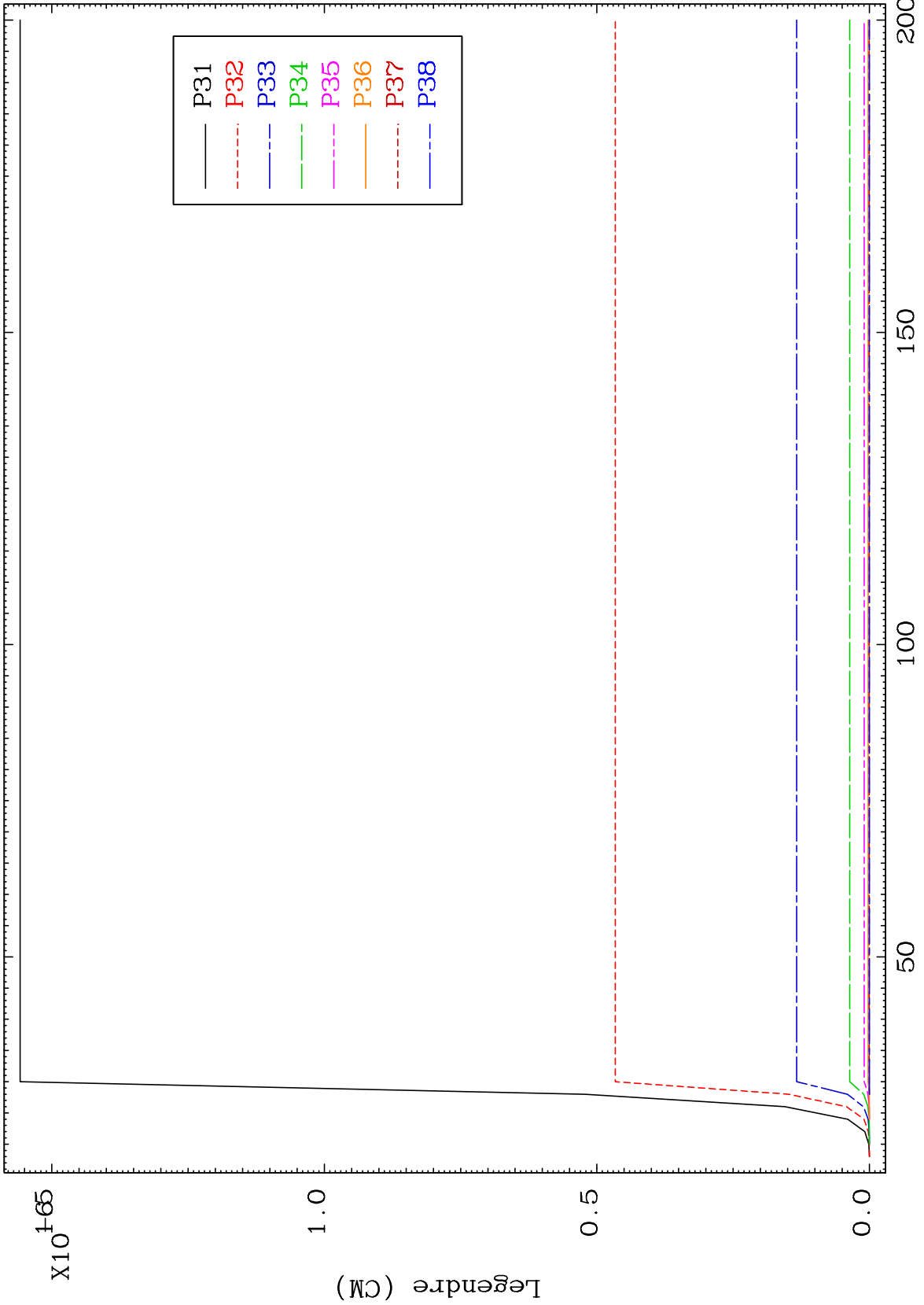
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



23

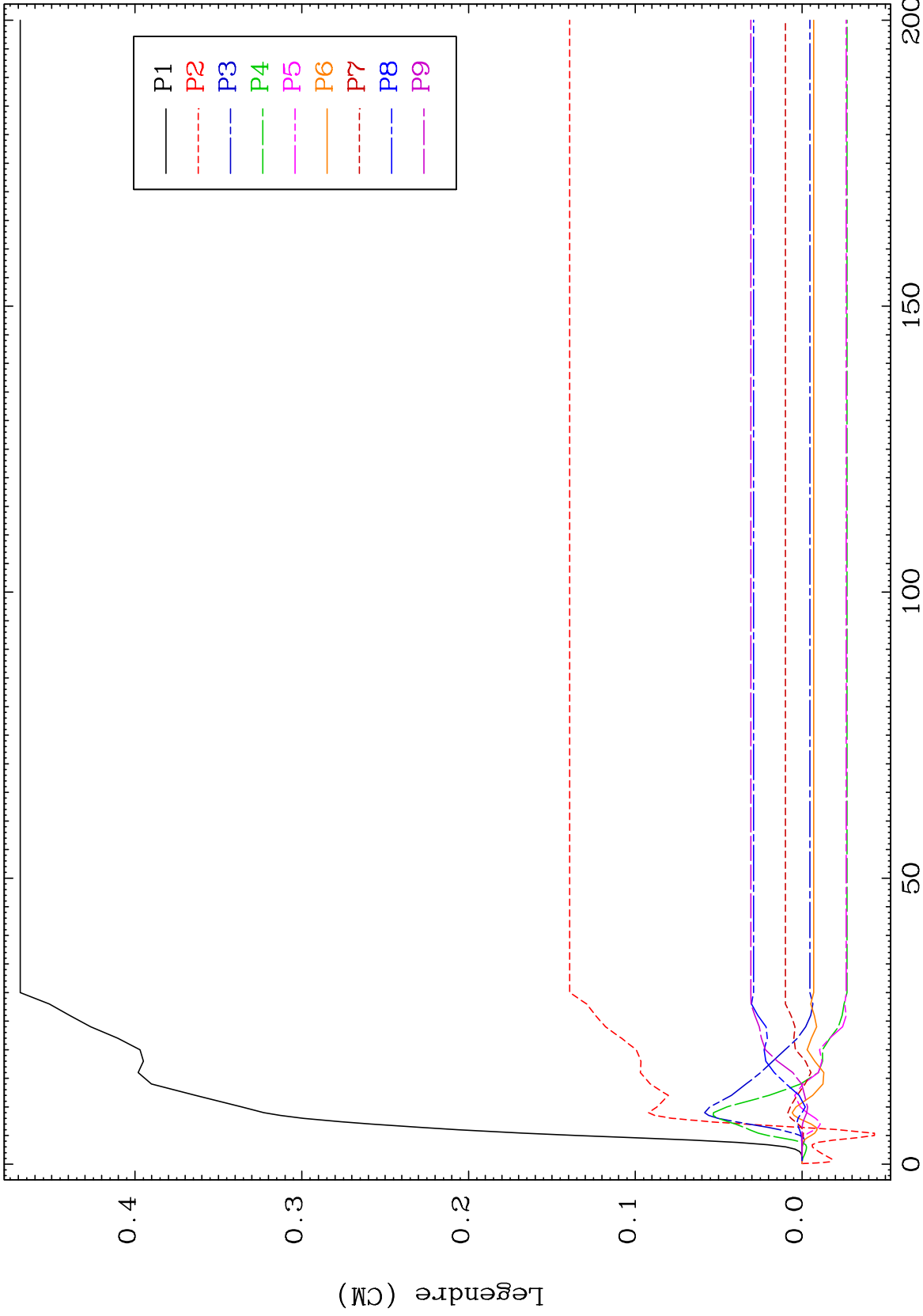
75-Re-179



MAT 7507

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

75-Re-179

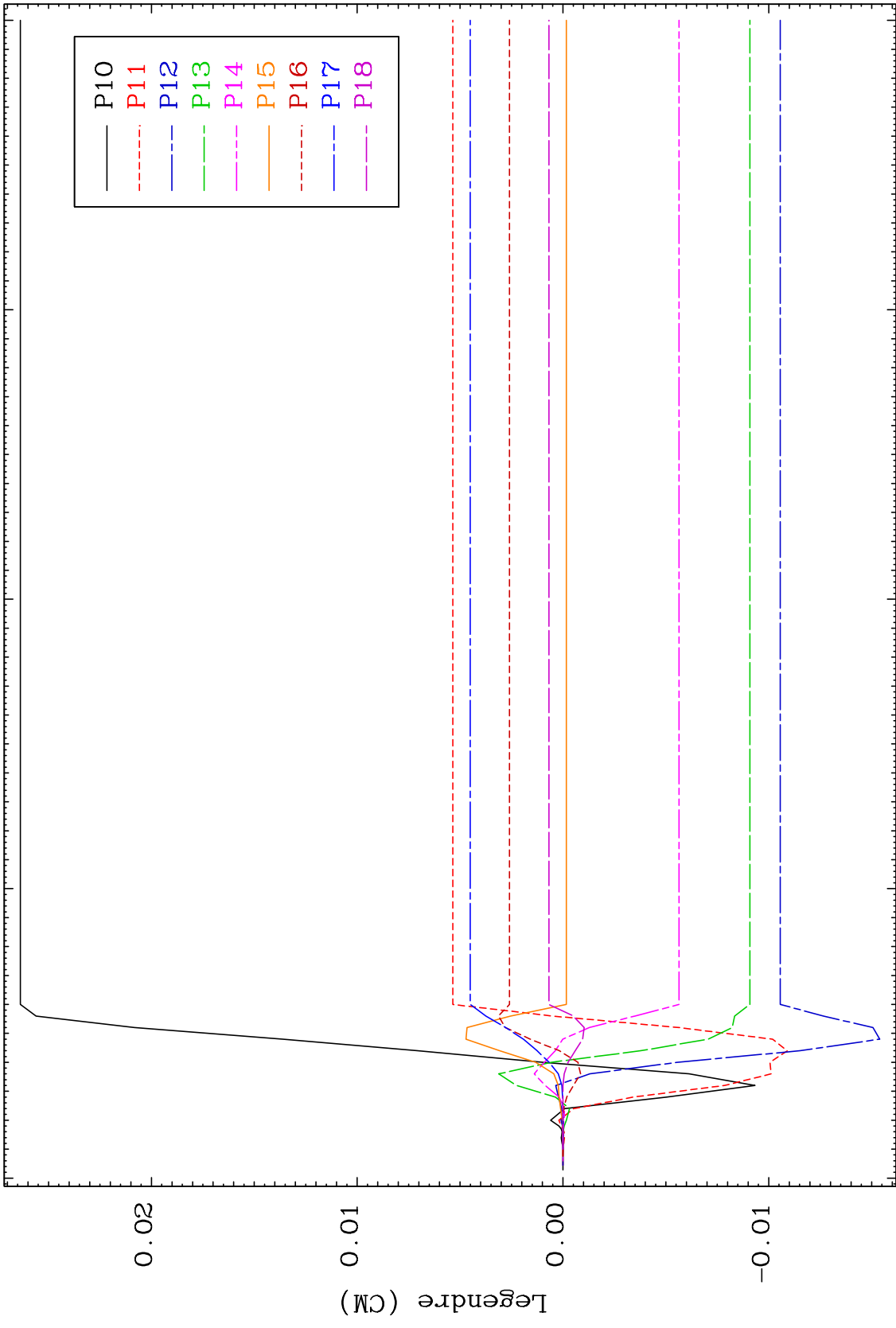


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Incident Energy (MeV)

75-Re-179

MAT 7507 MT= 52 (n,n') Level Legendre Coefficients 75-Re-179

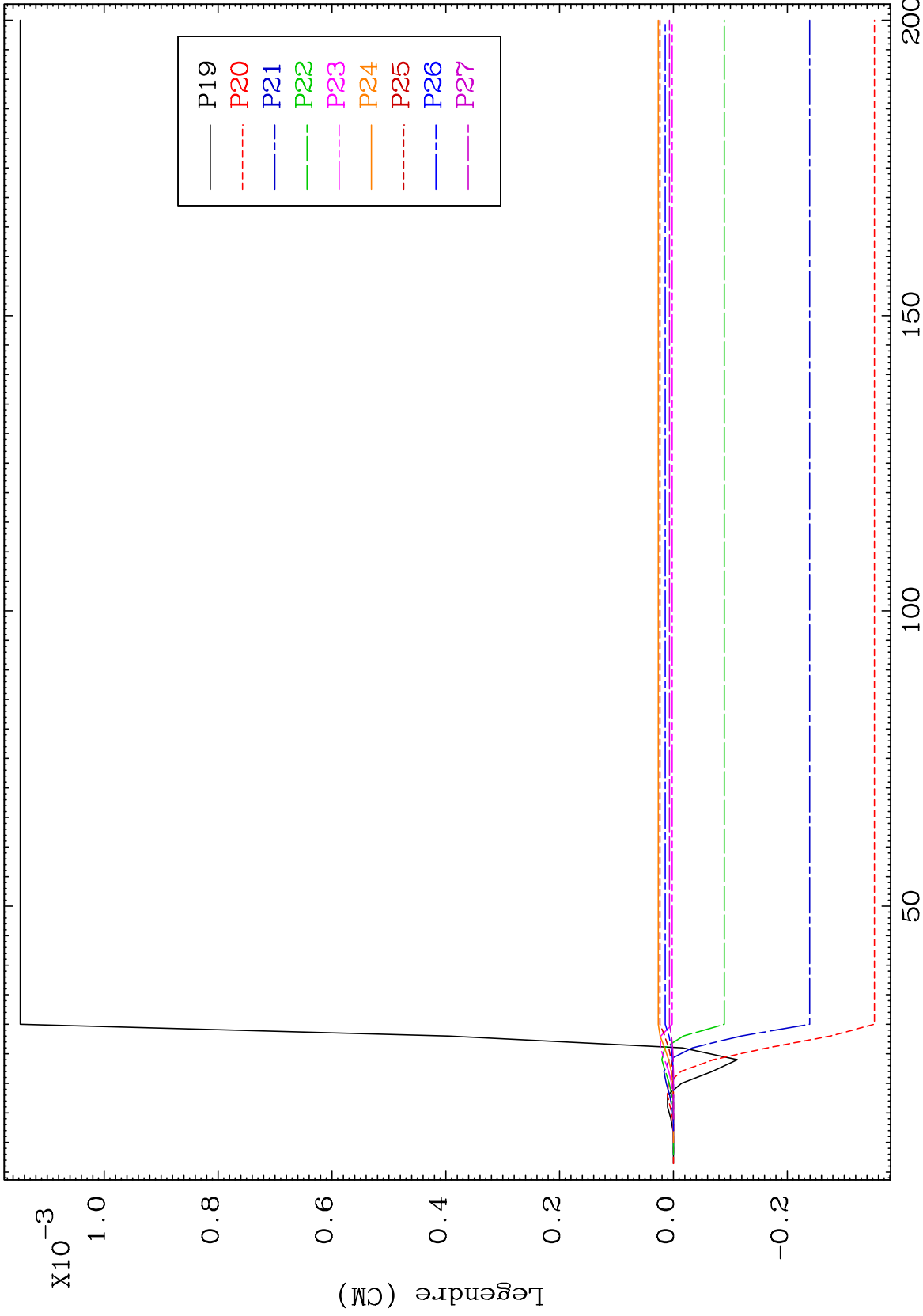


25 Incident Energy (MeV) 75-Re-179

MAT 7507

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

75-Re-179



26

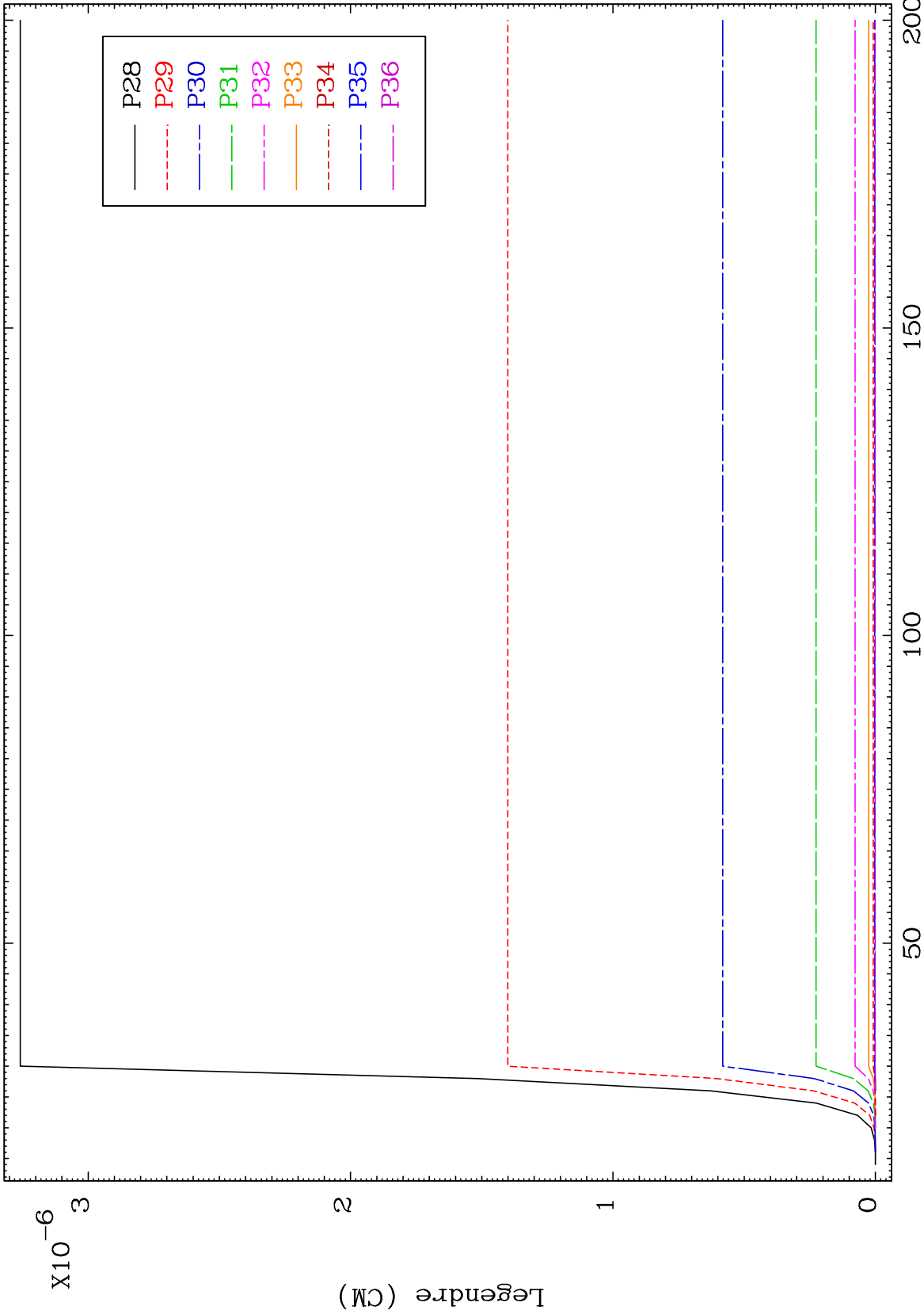
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



27

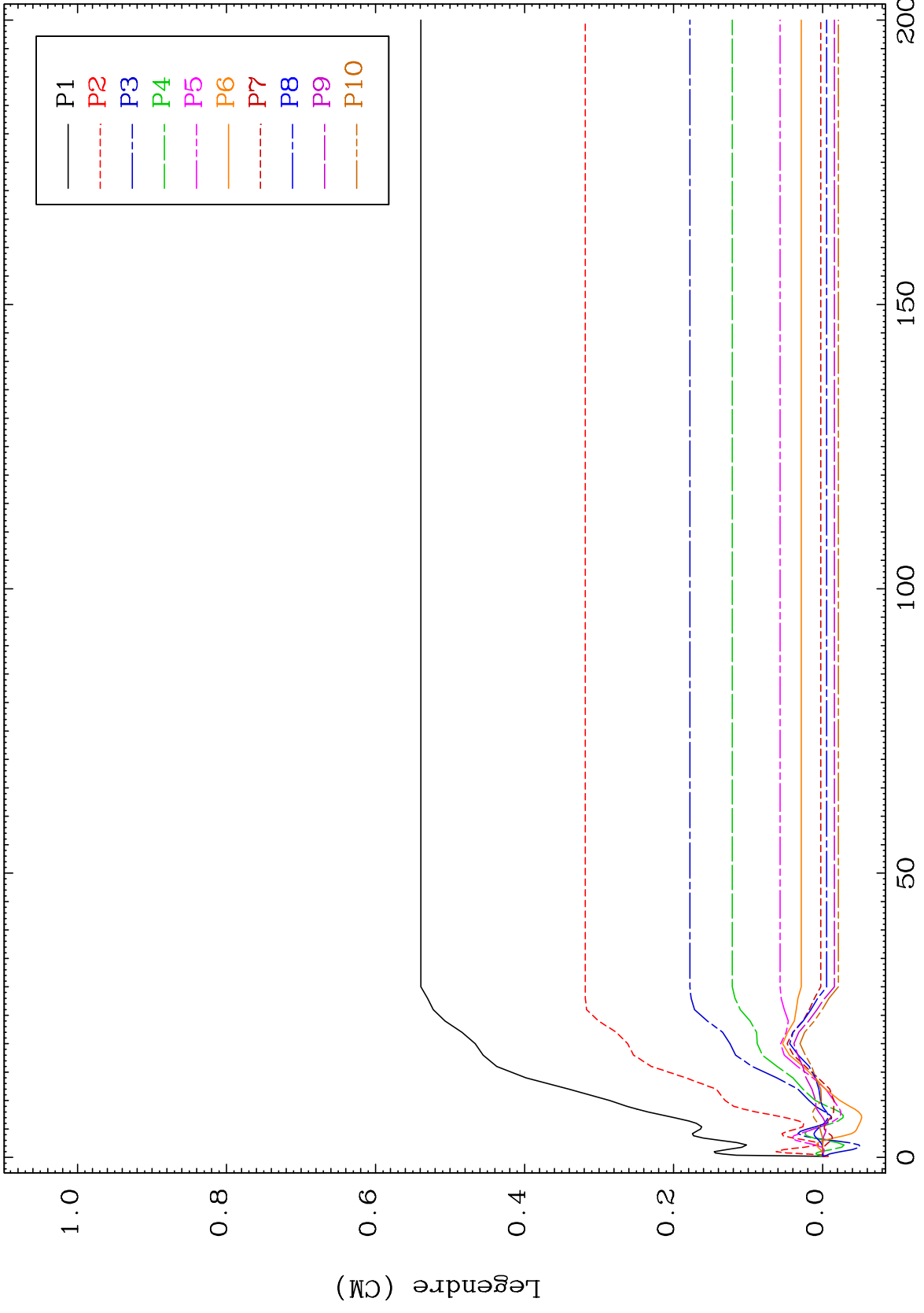
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



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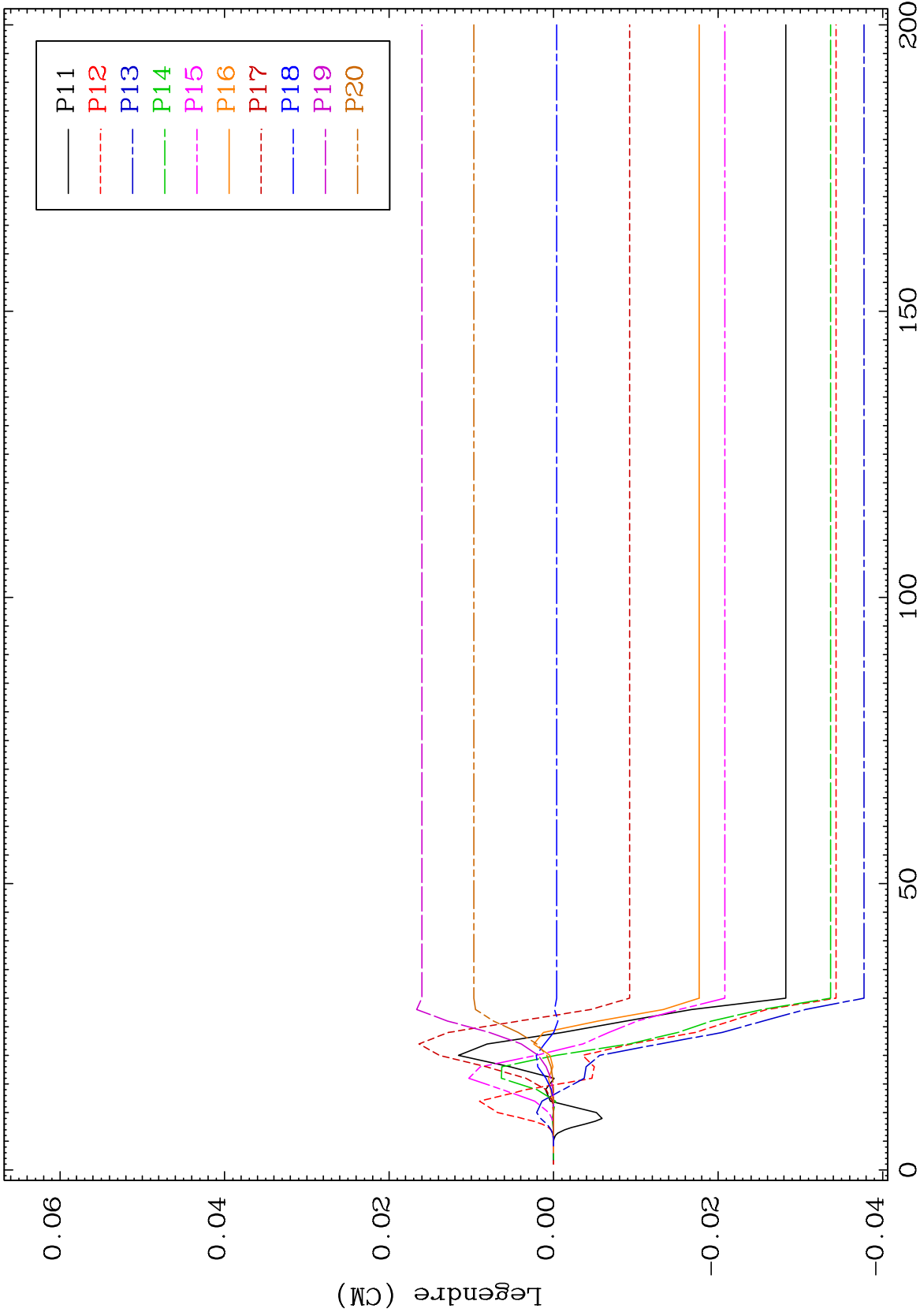
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



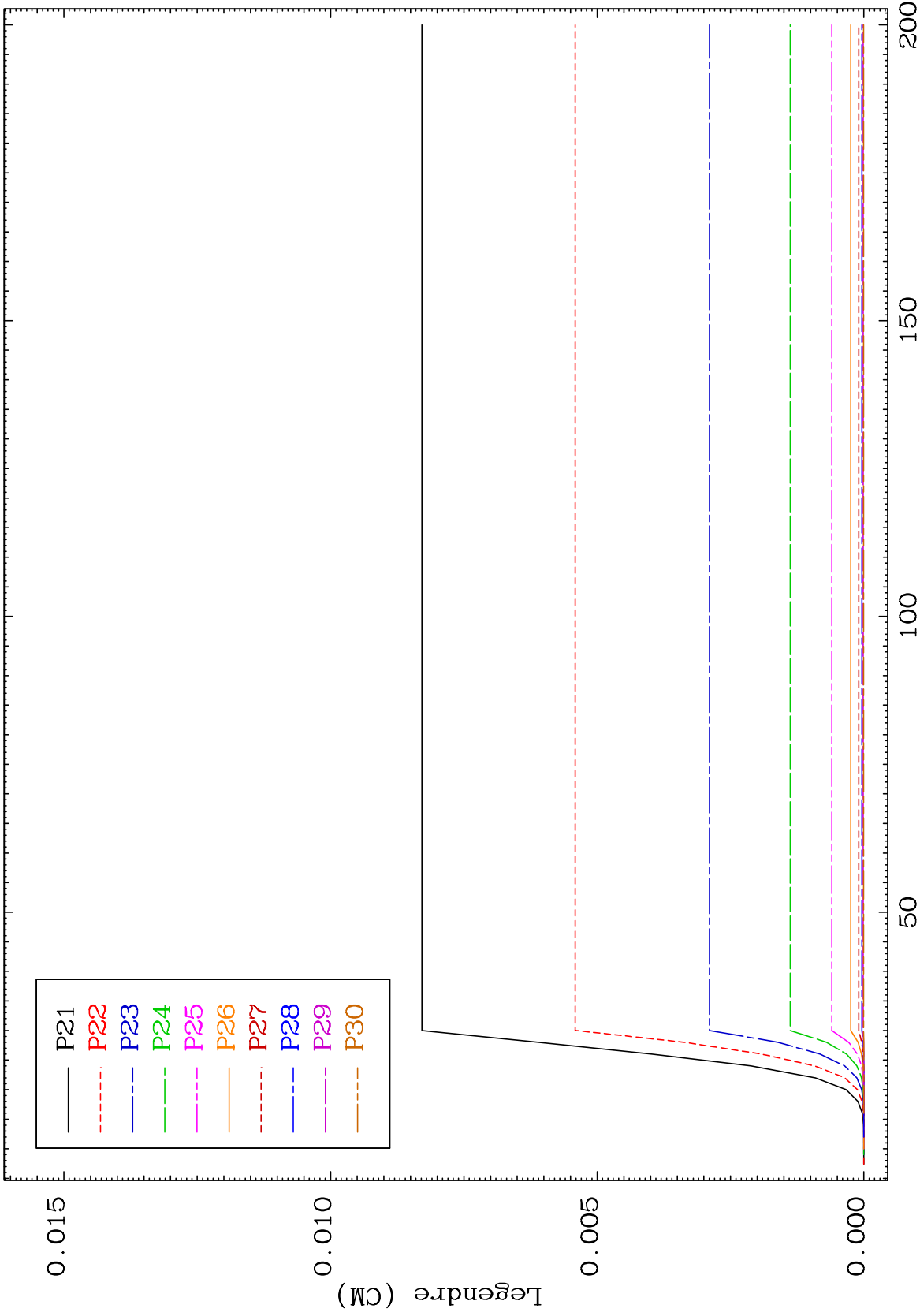
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75-Re-179

MAT 7507

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

75-Re-179



30

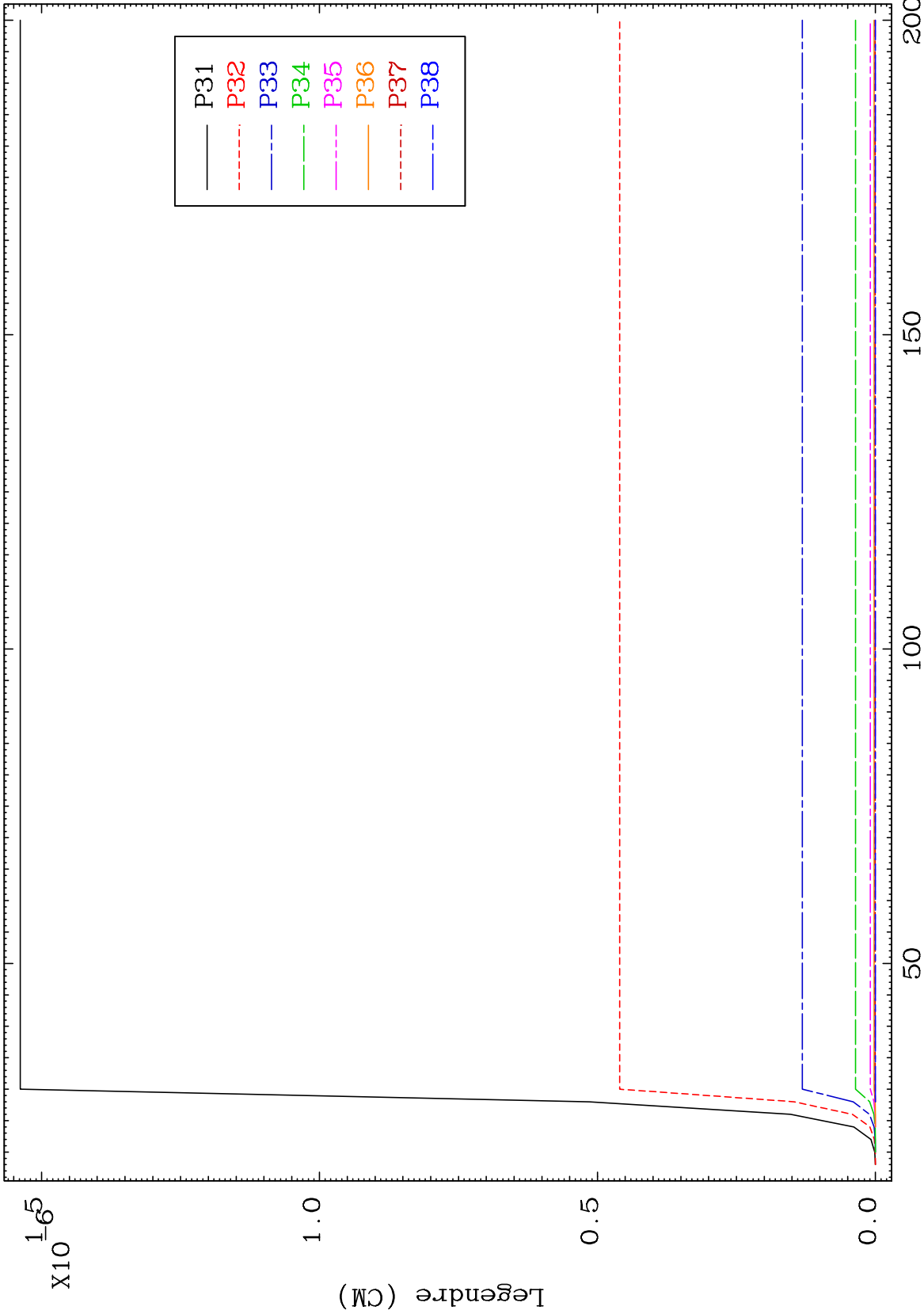
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



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Incident Energy (MeV)

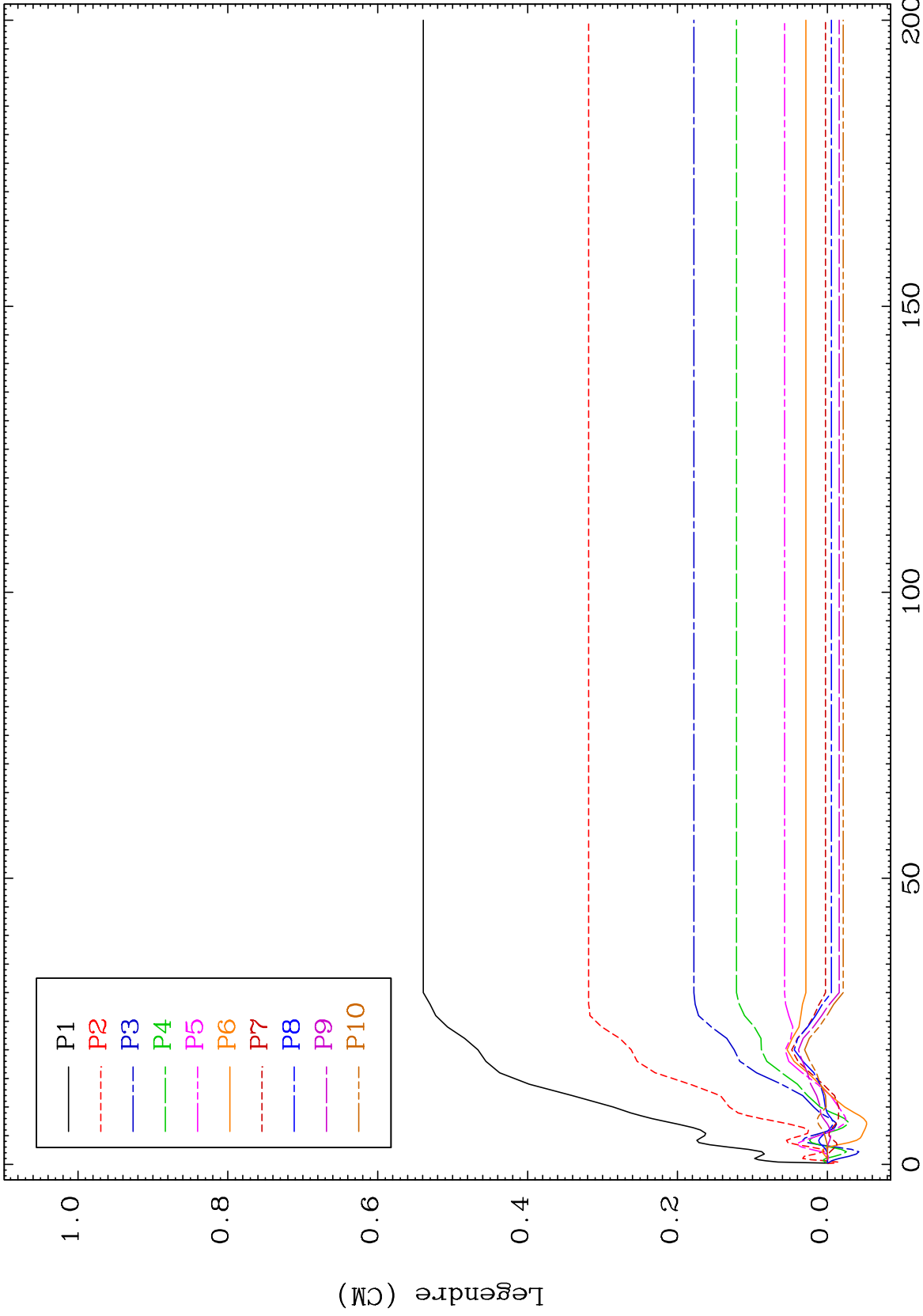
75-Re-179



MAT 7507

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

75-Re-179



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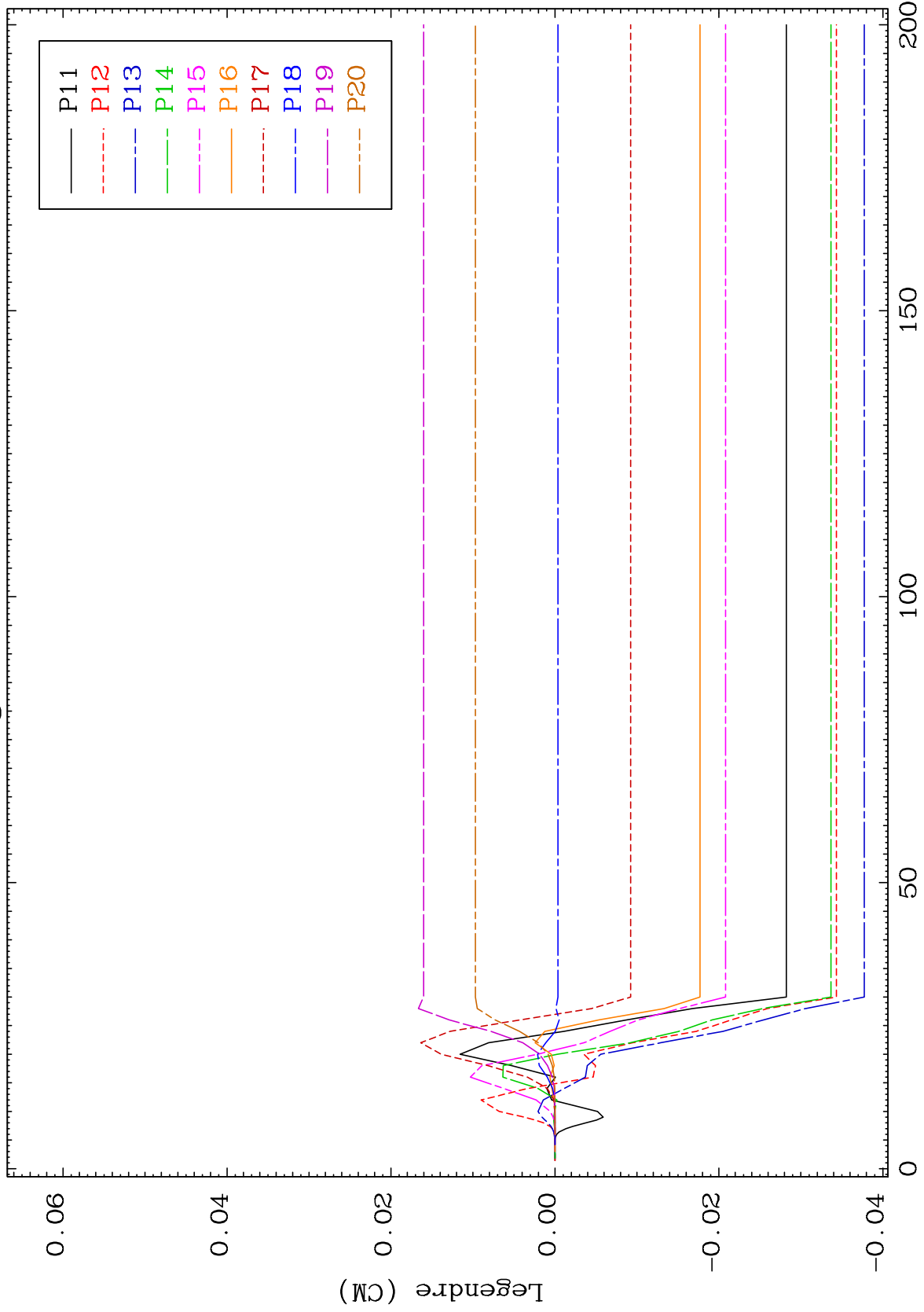
Incident Energy (MeV)

75-Re-179

MAT 7507

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

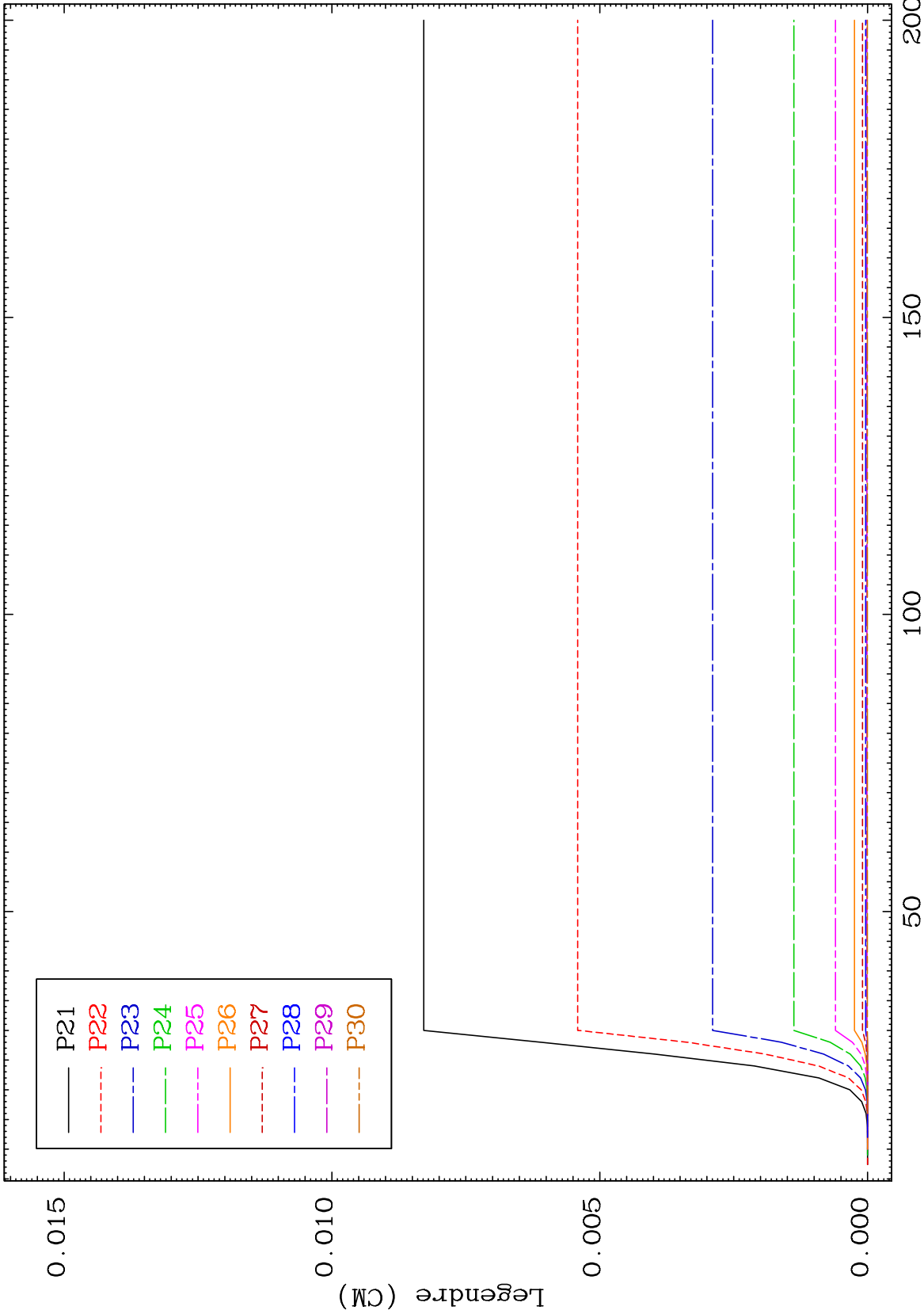
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33

Incident Energy (MeV)

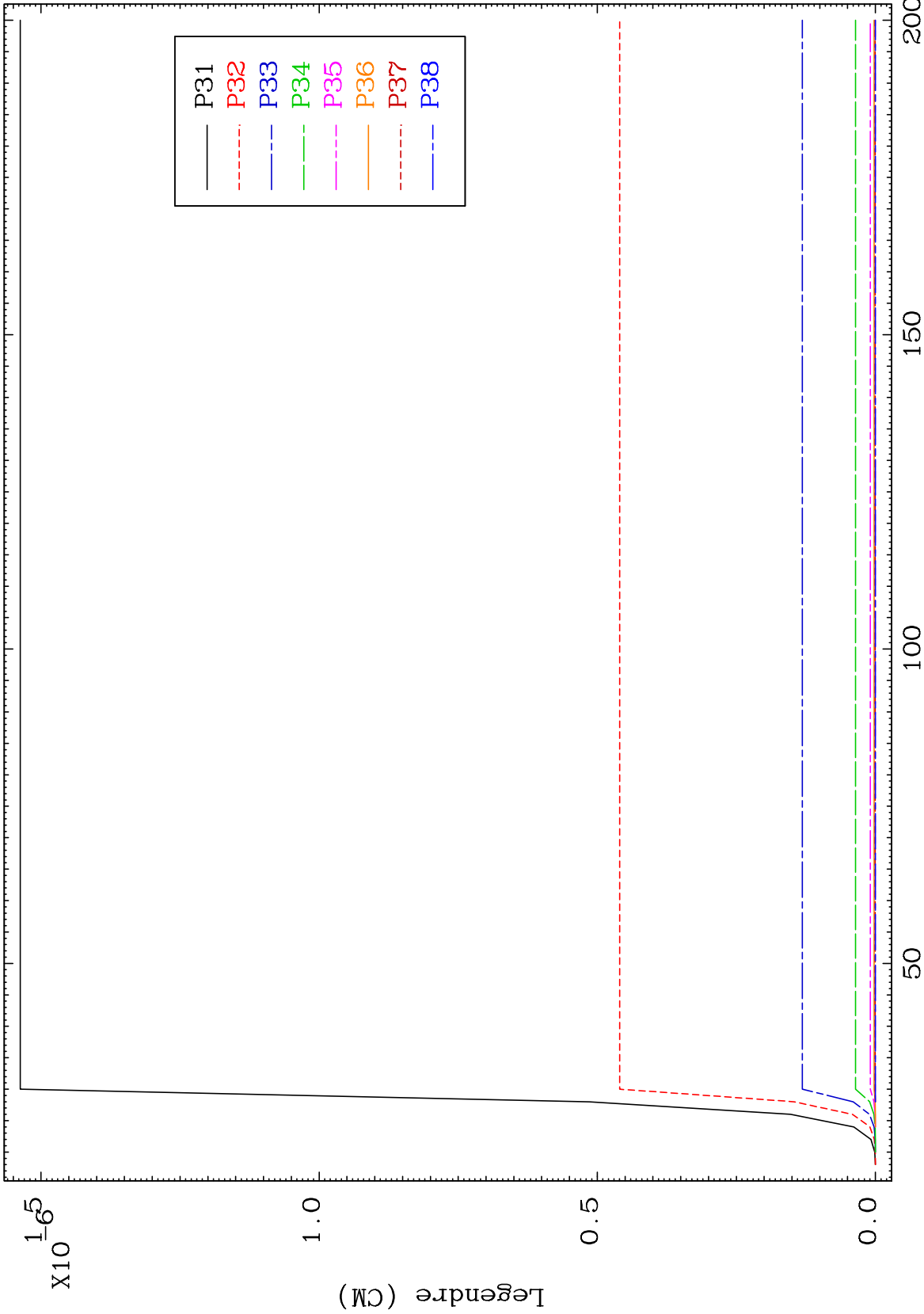
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MAT 7507

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

75-Re-179



35

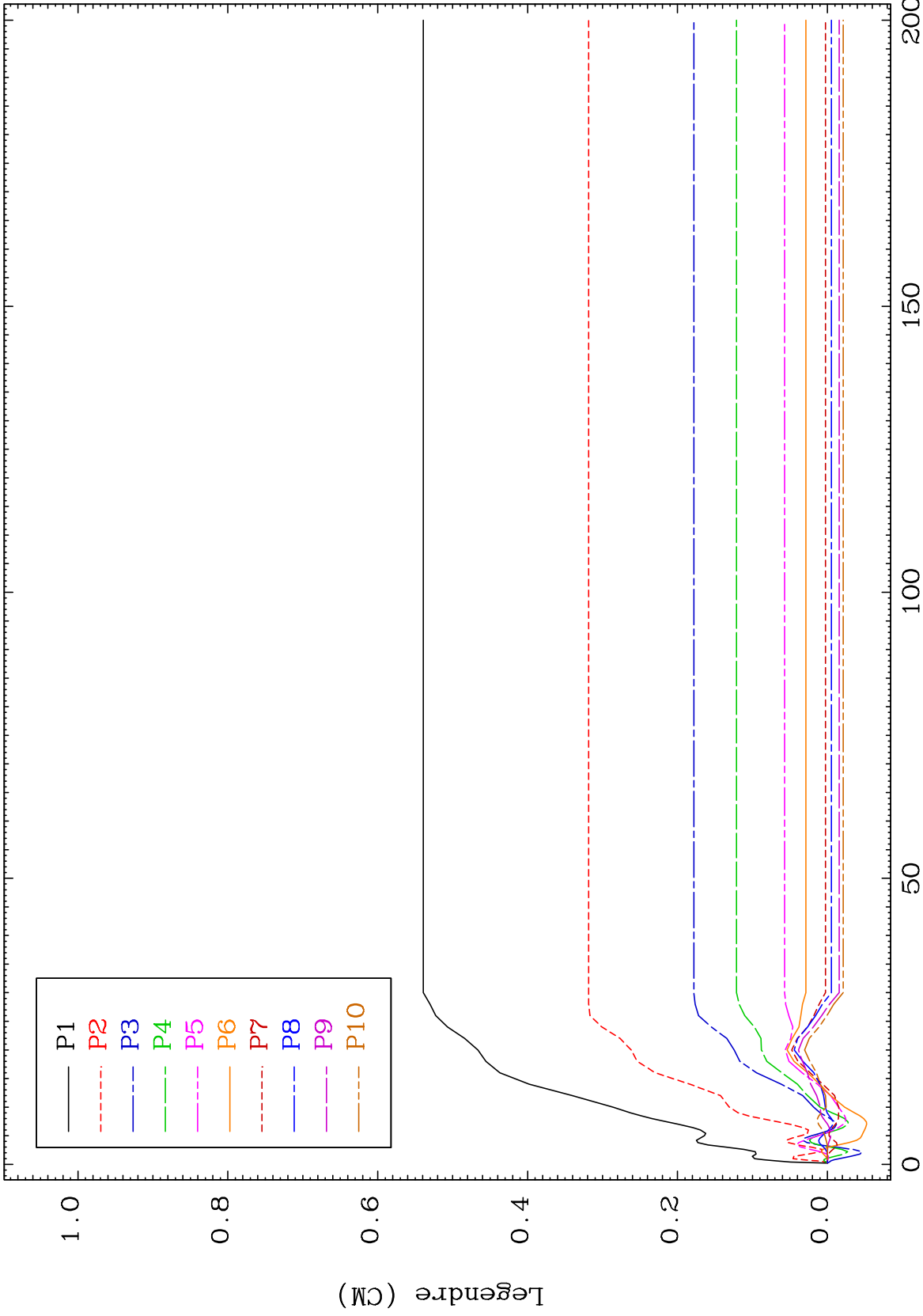
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



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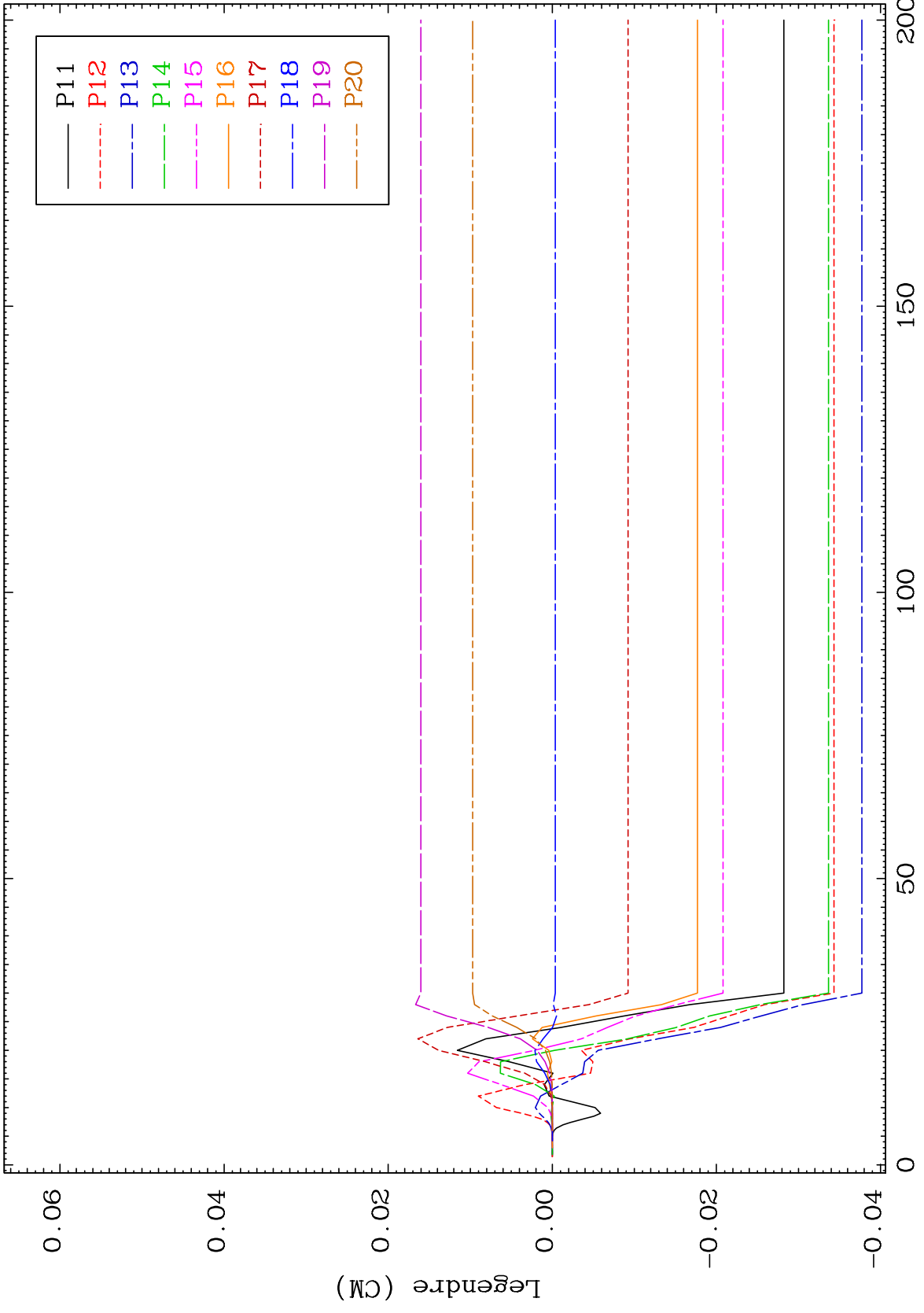
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



37

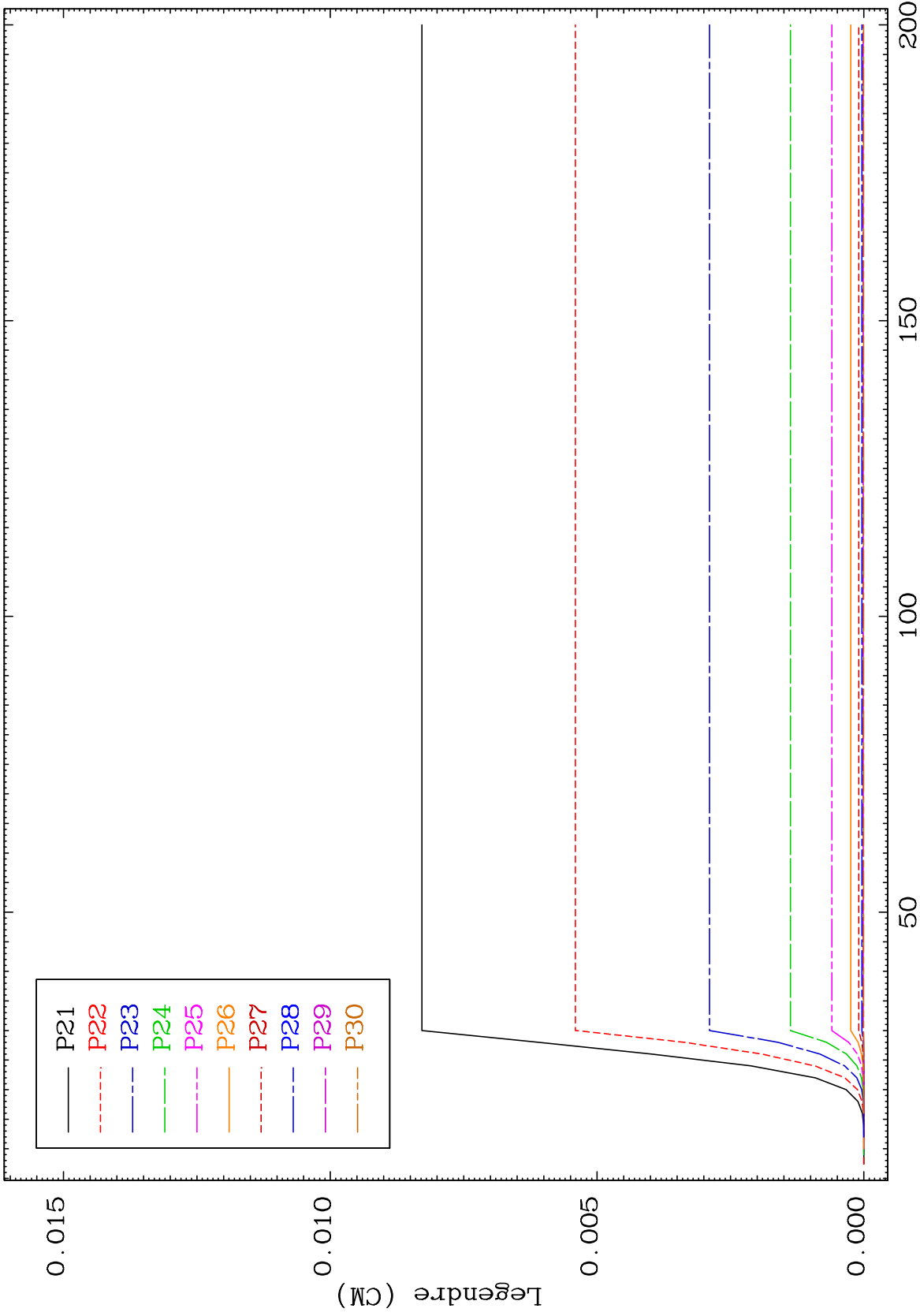
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



38

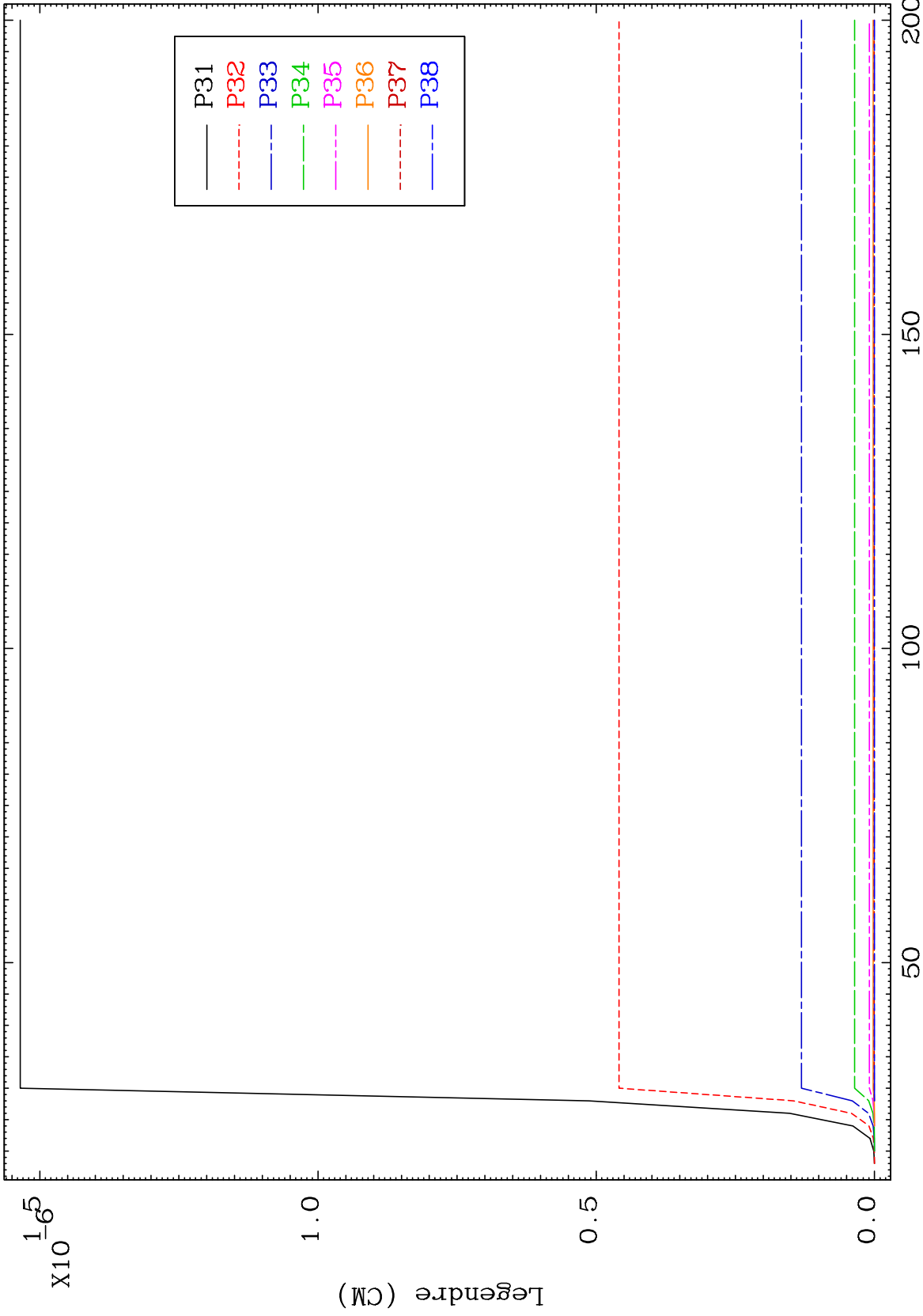
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



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Incident Energy (MeV)

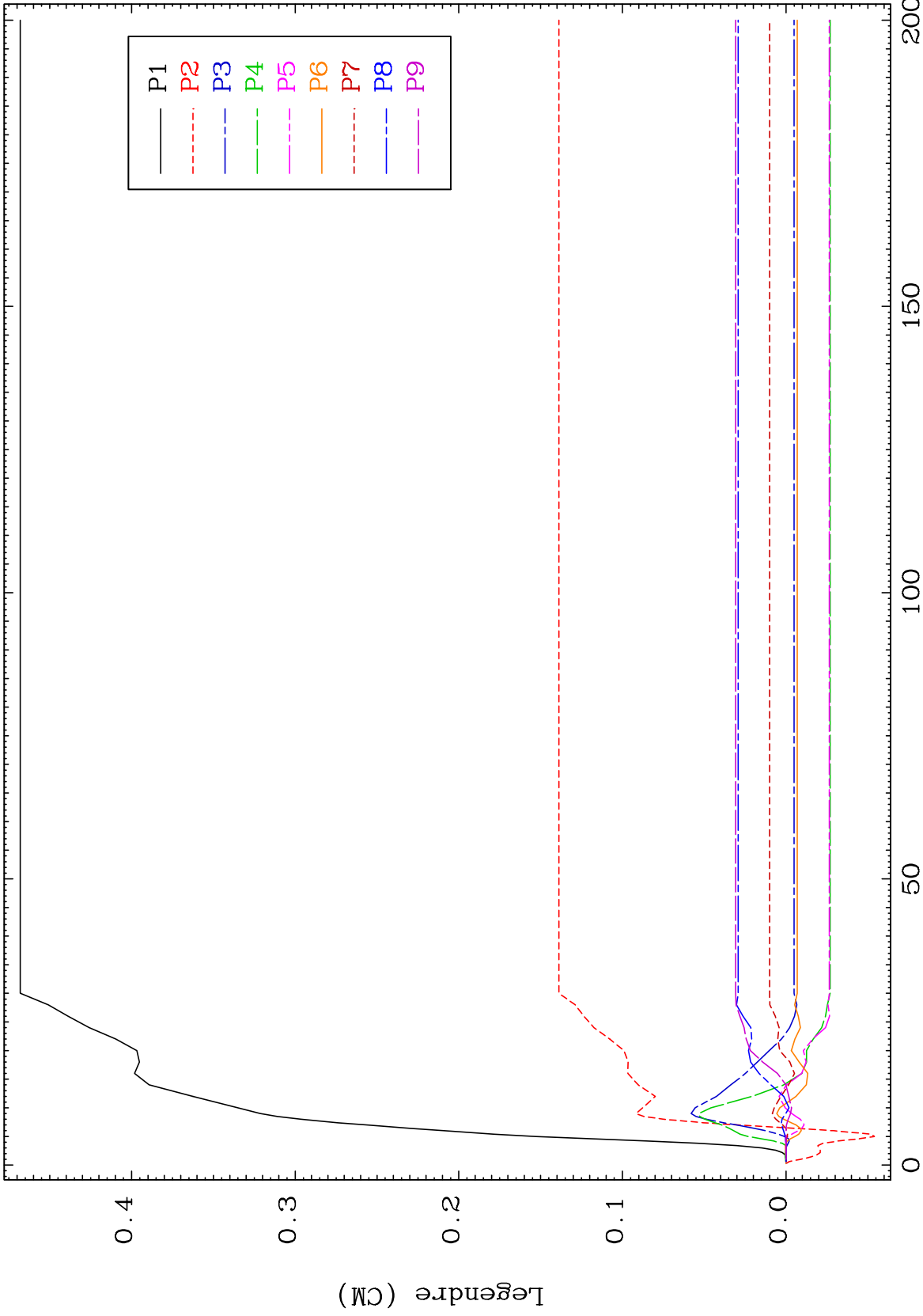
75-Re-179



MAT 7507

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

75-Re-179



75-Re-179

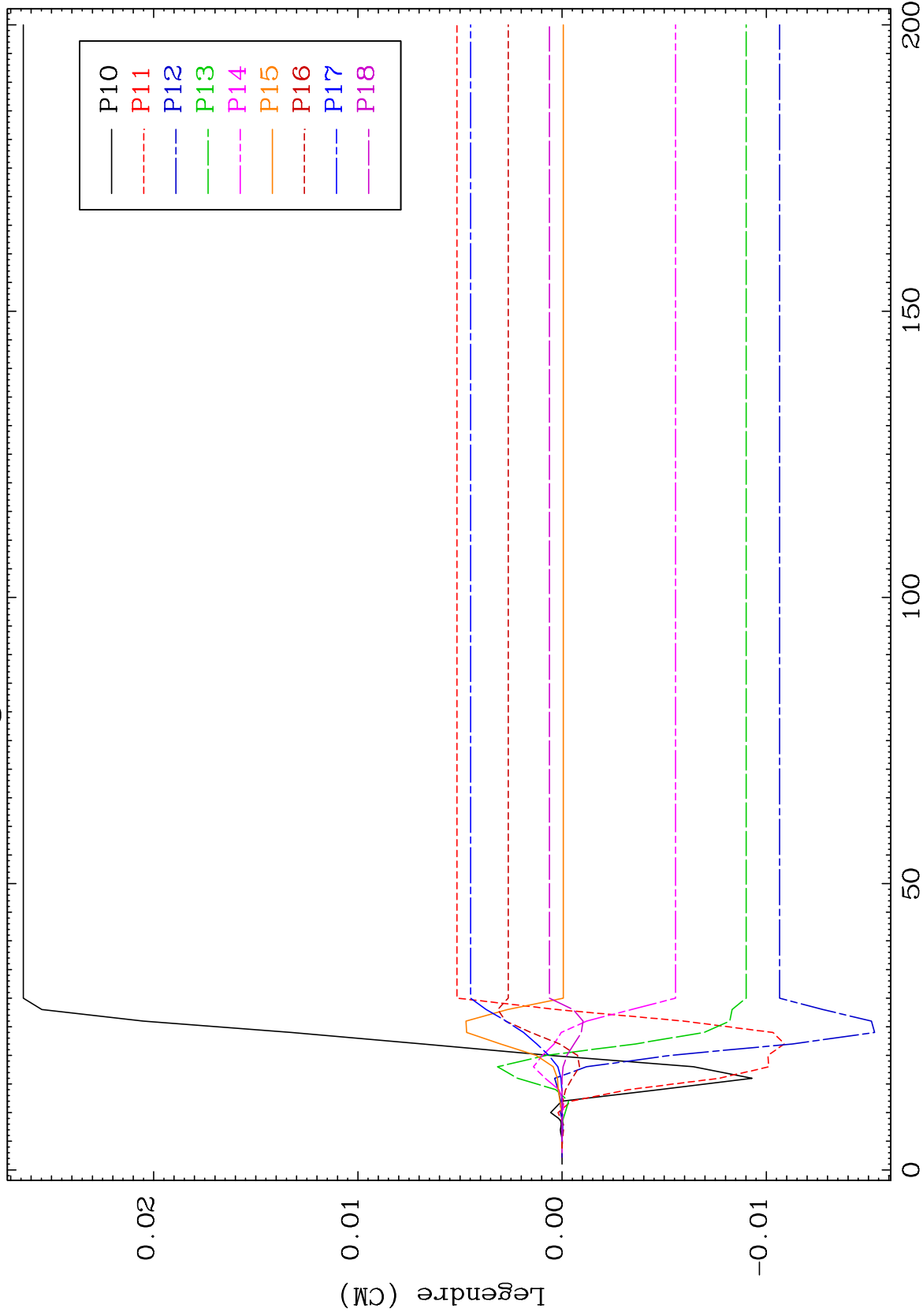
Incident Energy (MeV)

40

MAT 7507

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

75-Re-179



41

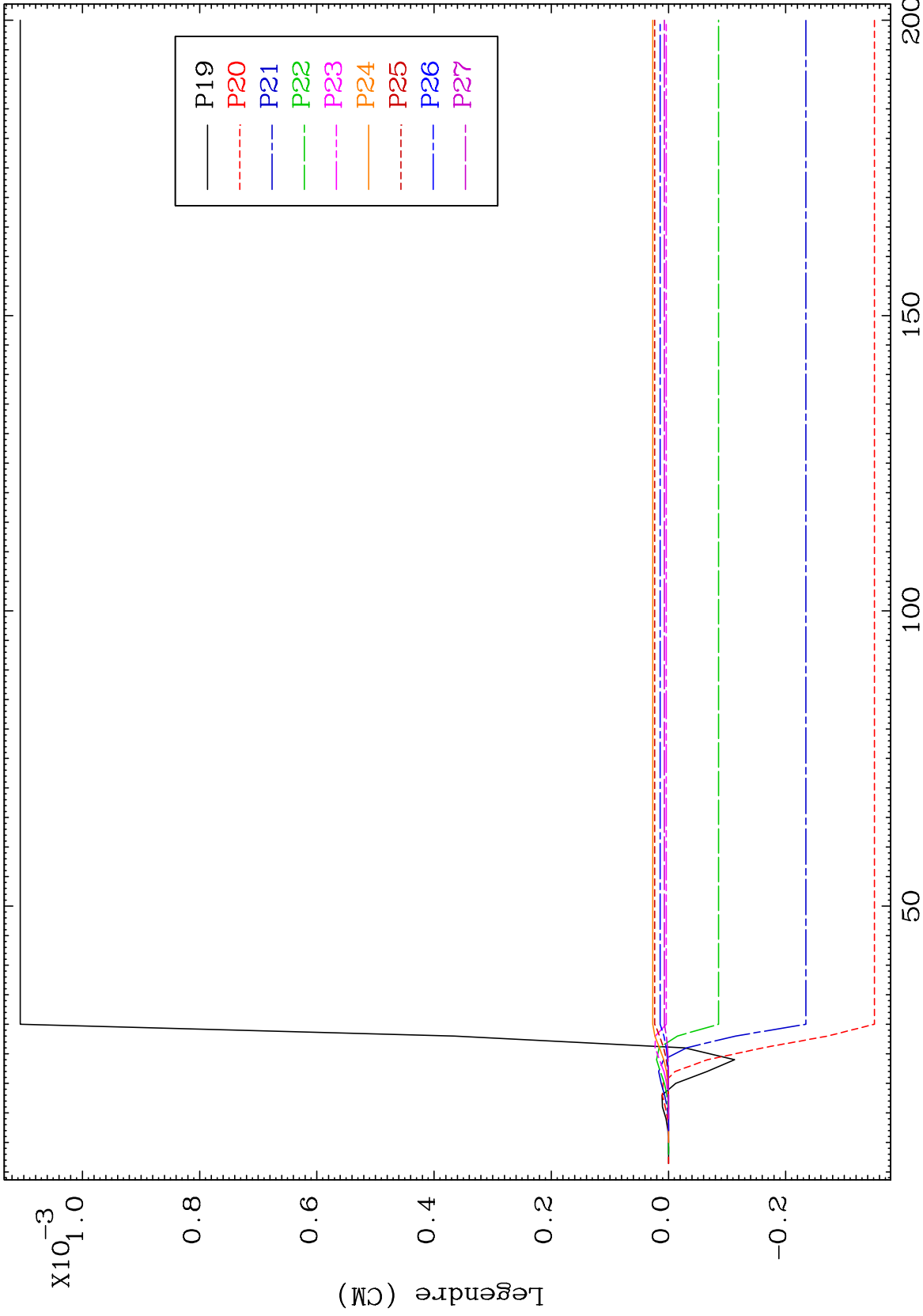
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



42

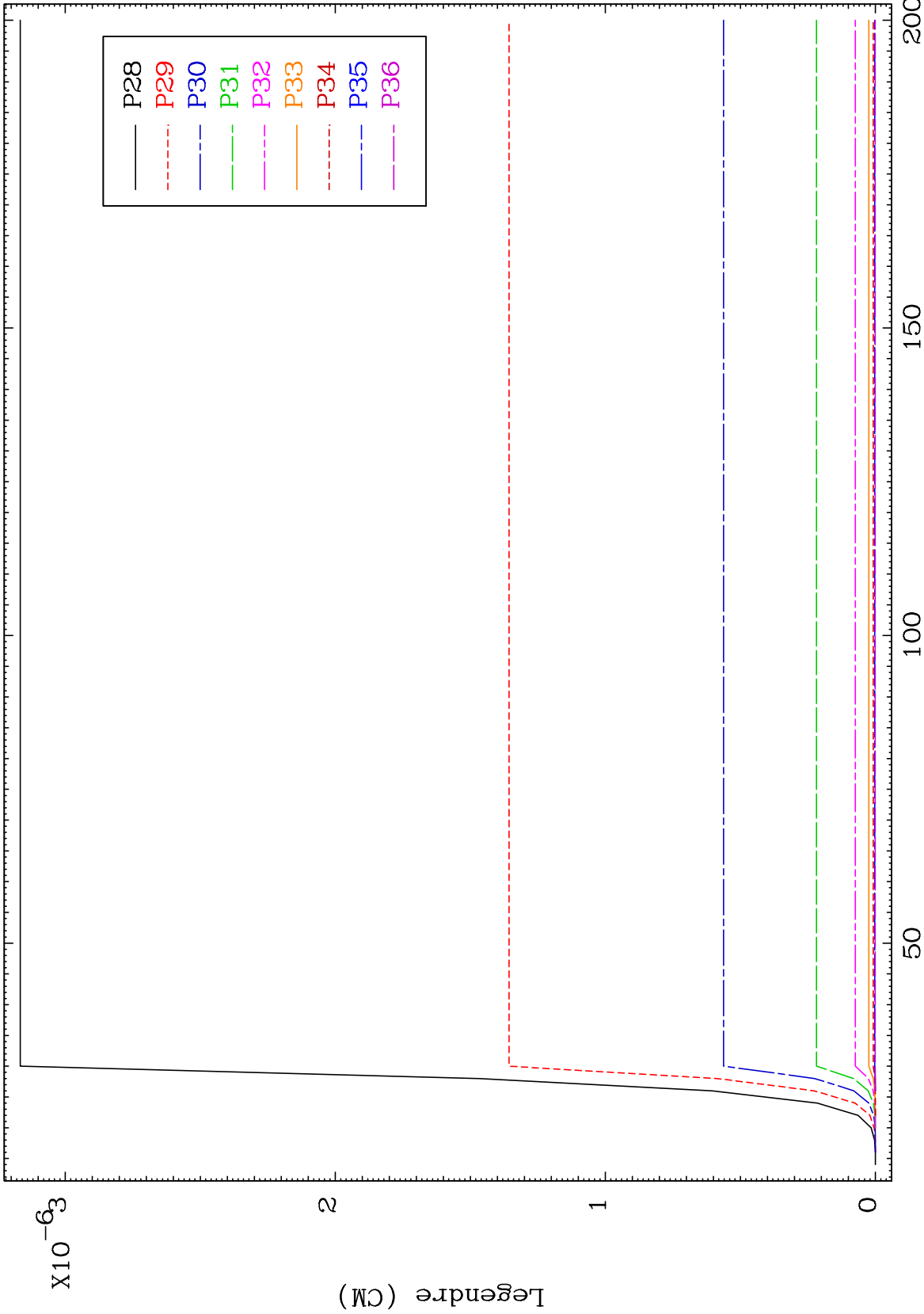
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



43

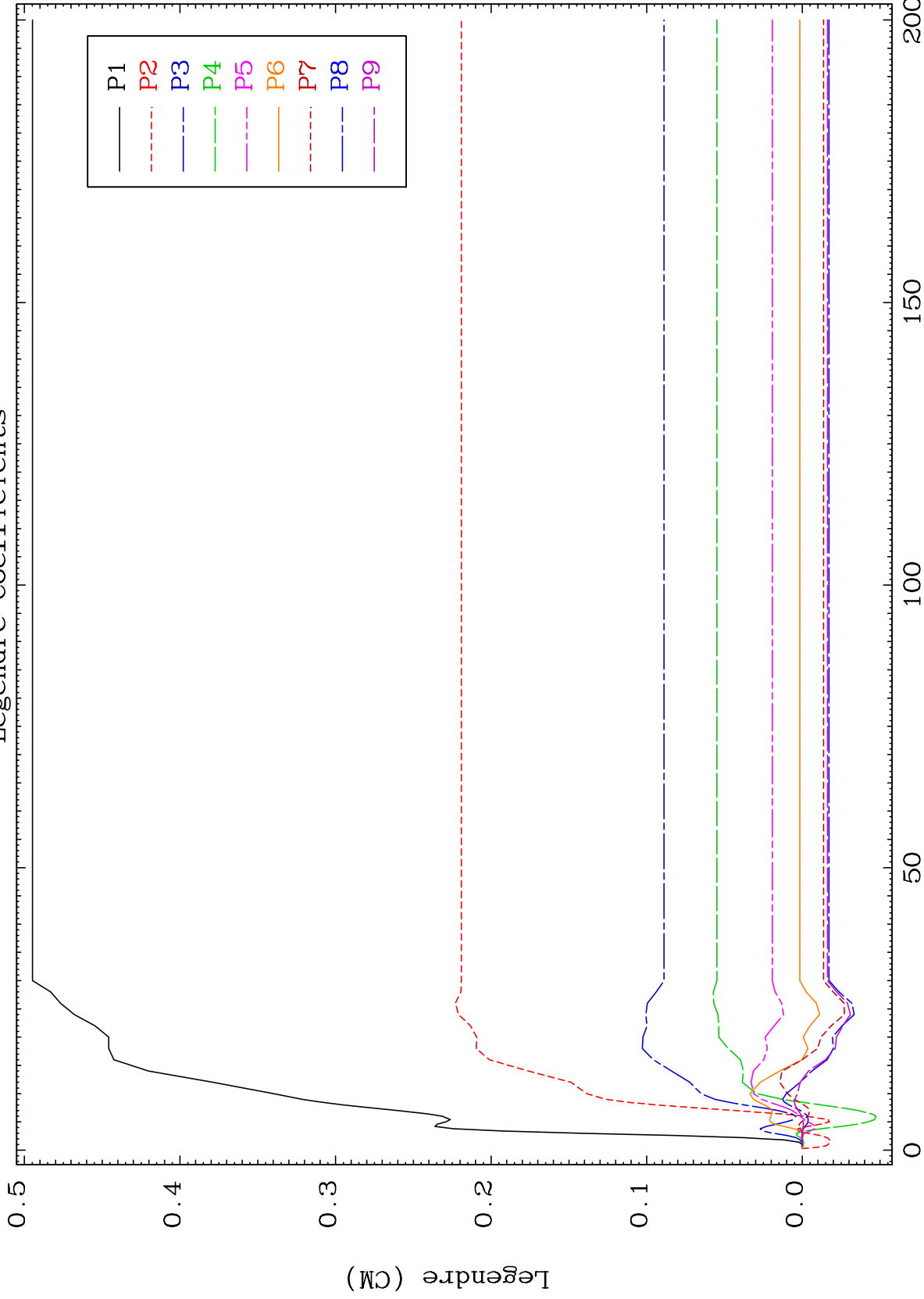
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



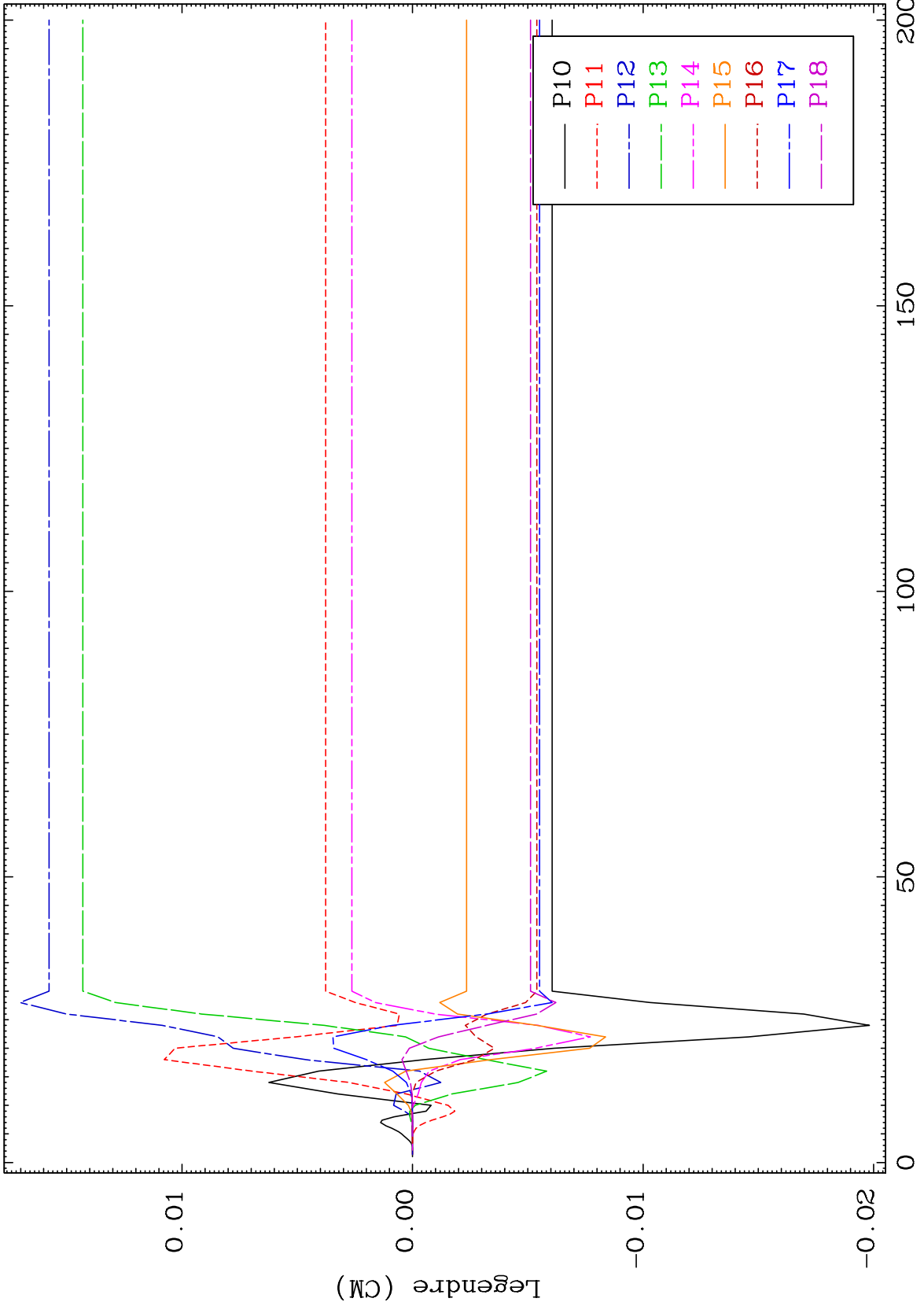
44

75-Re-179

MAT 7507

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

75-Re-179



45

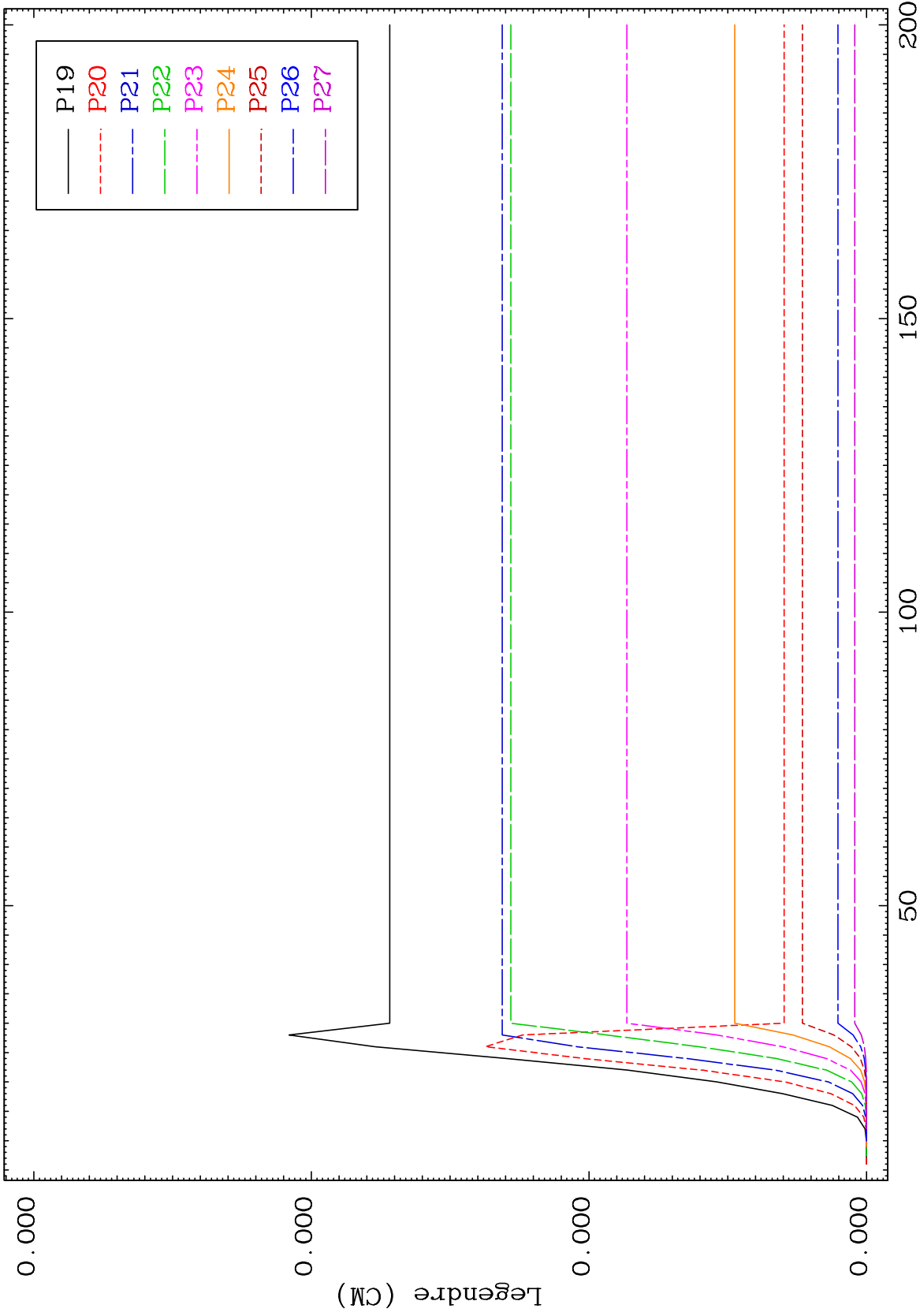
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



46

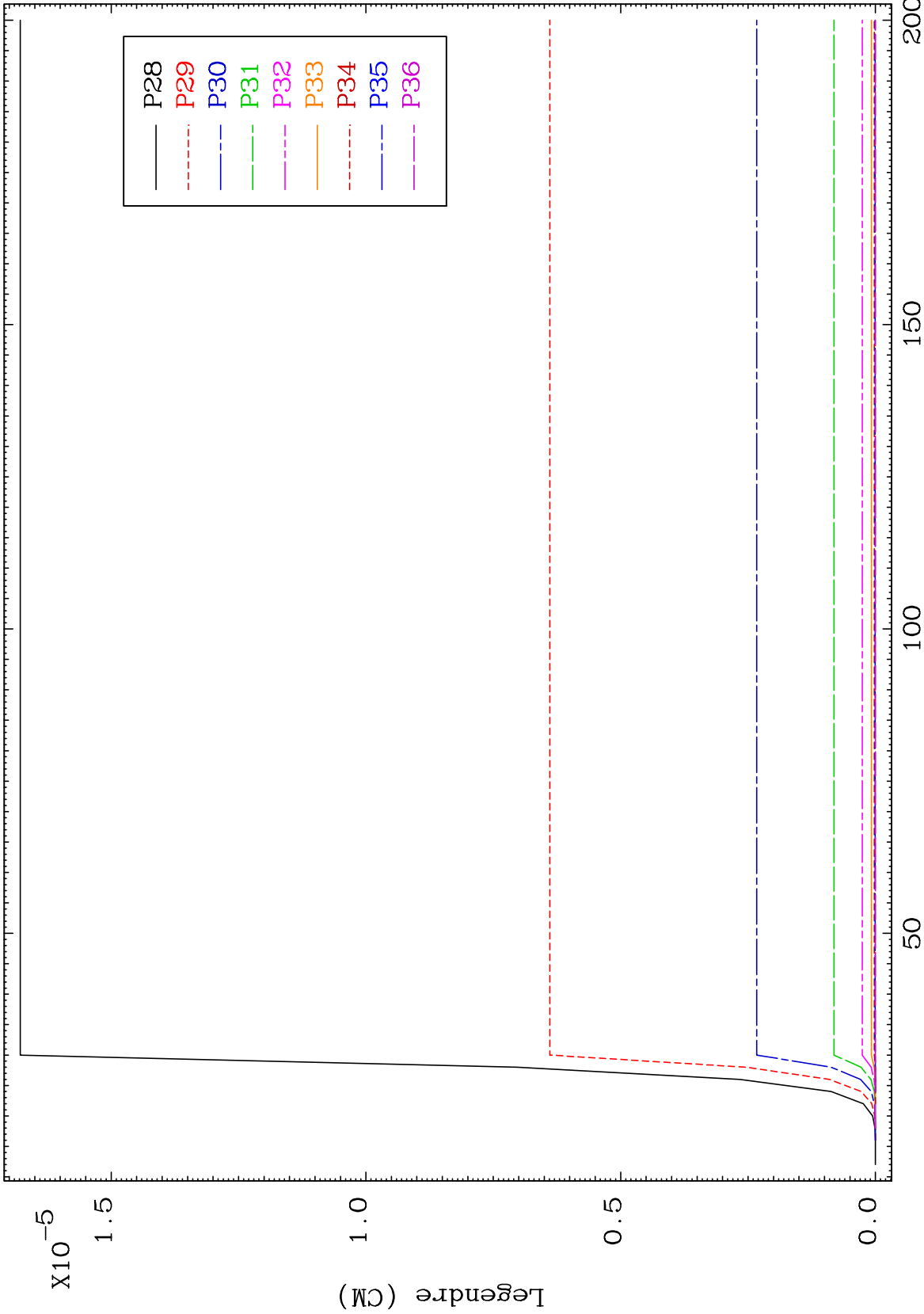
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



47

Incident Energy (MeV)

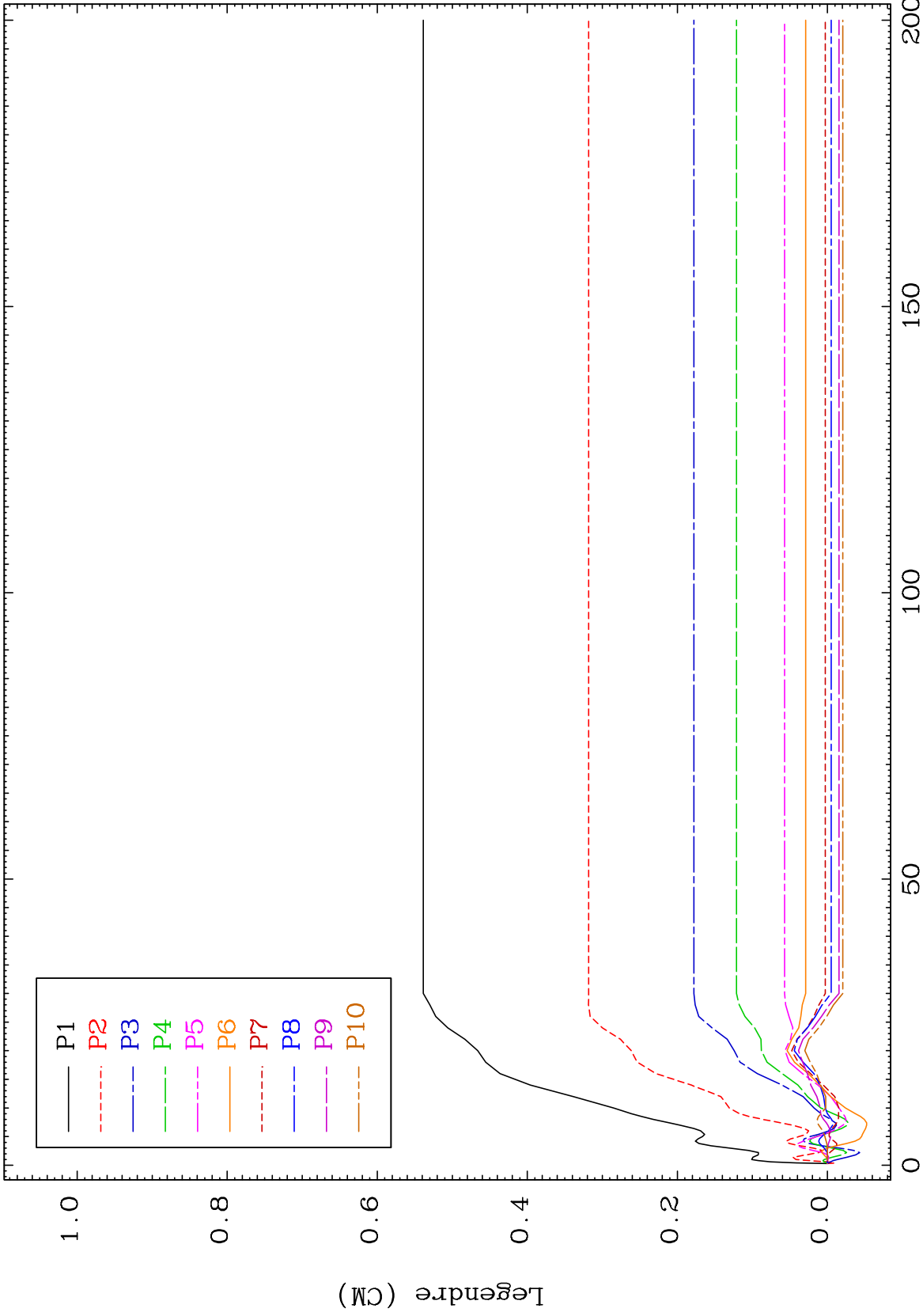
75-Re-179



MAT 7507

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

75-Re-179



48

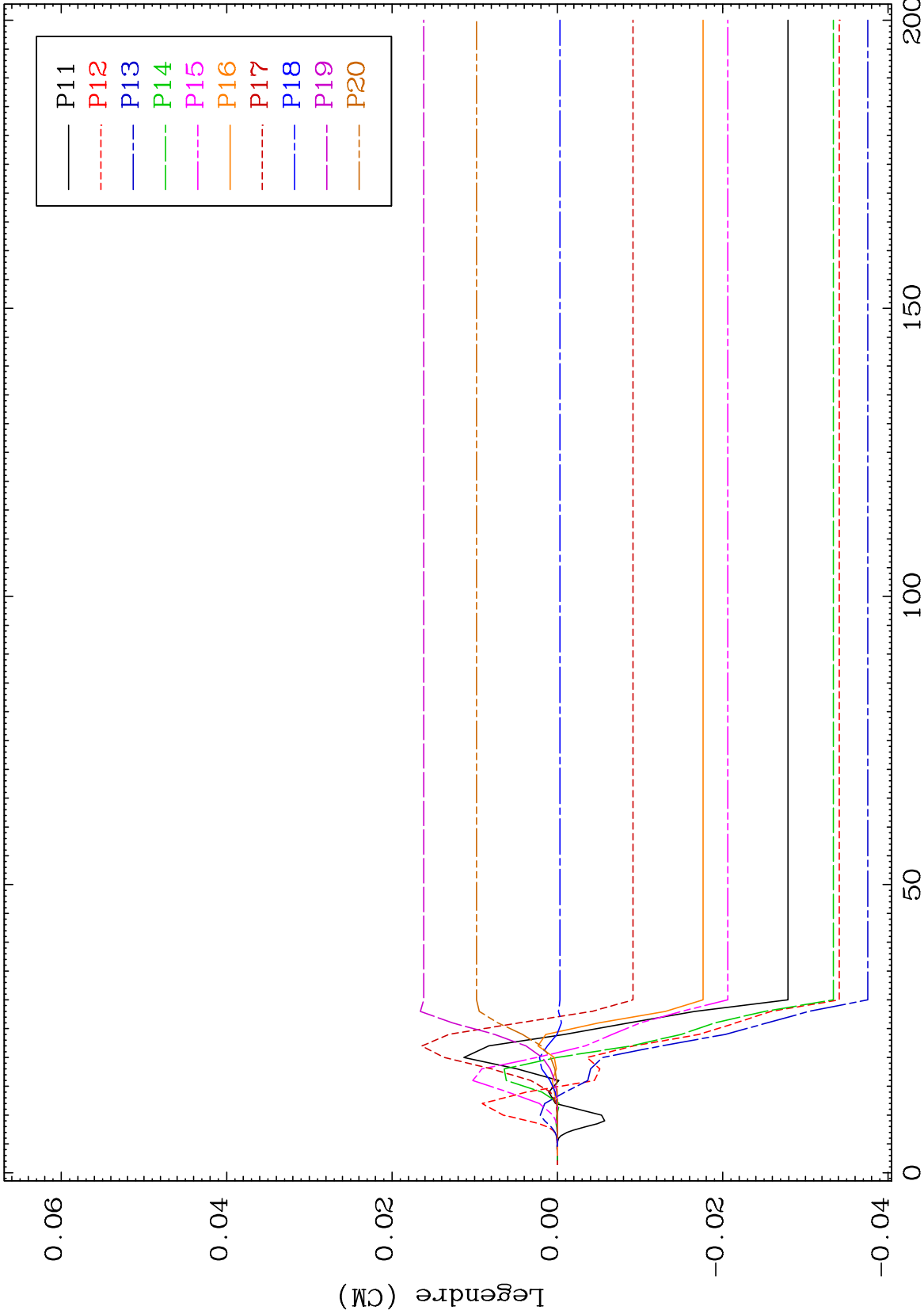
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



49

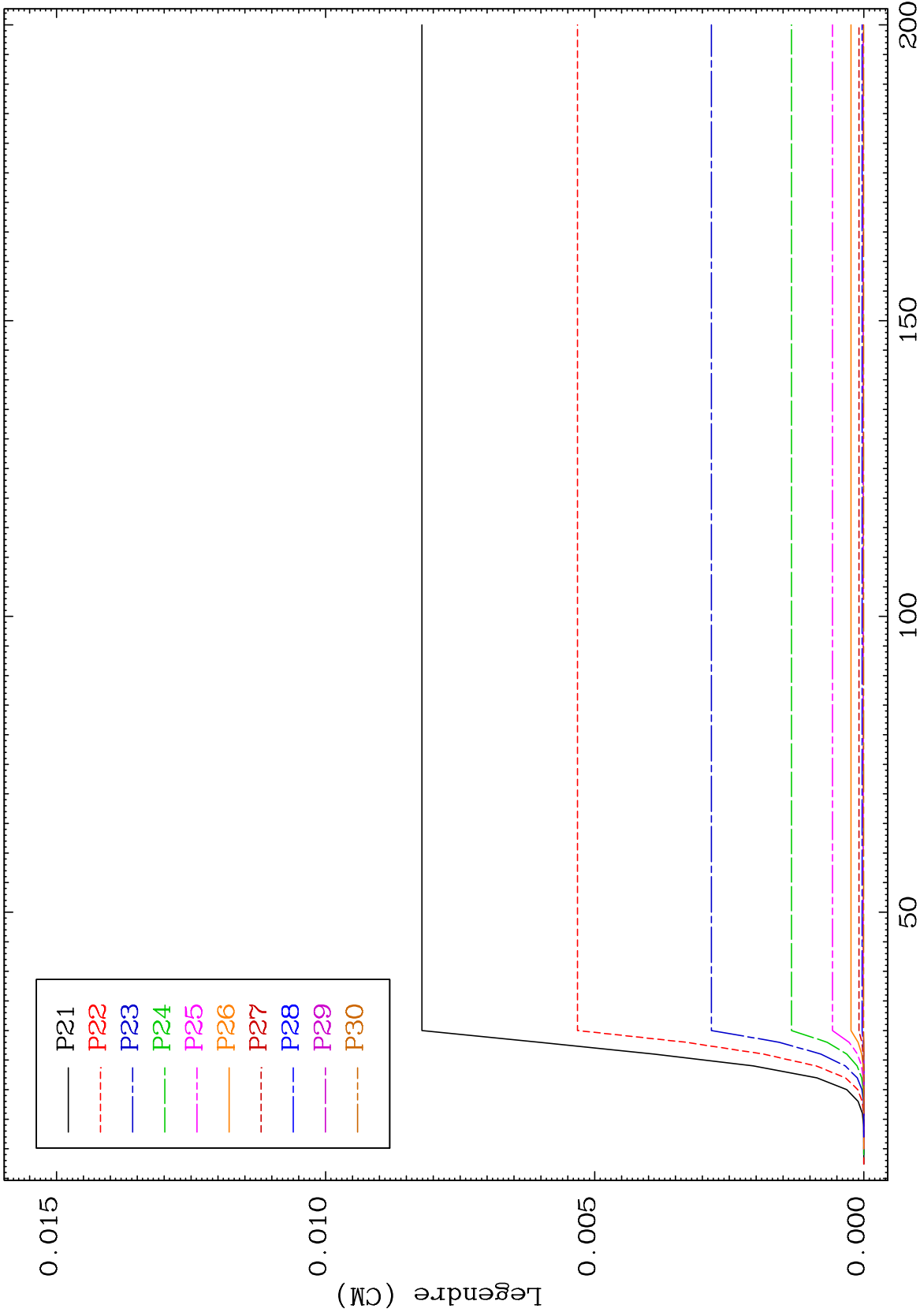
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



50

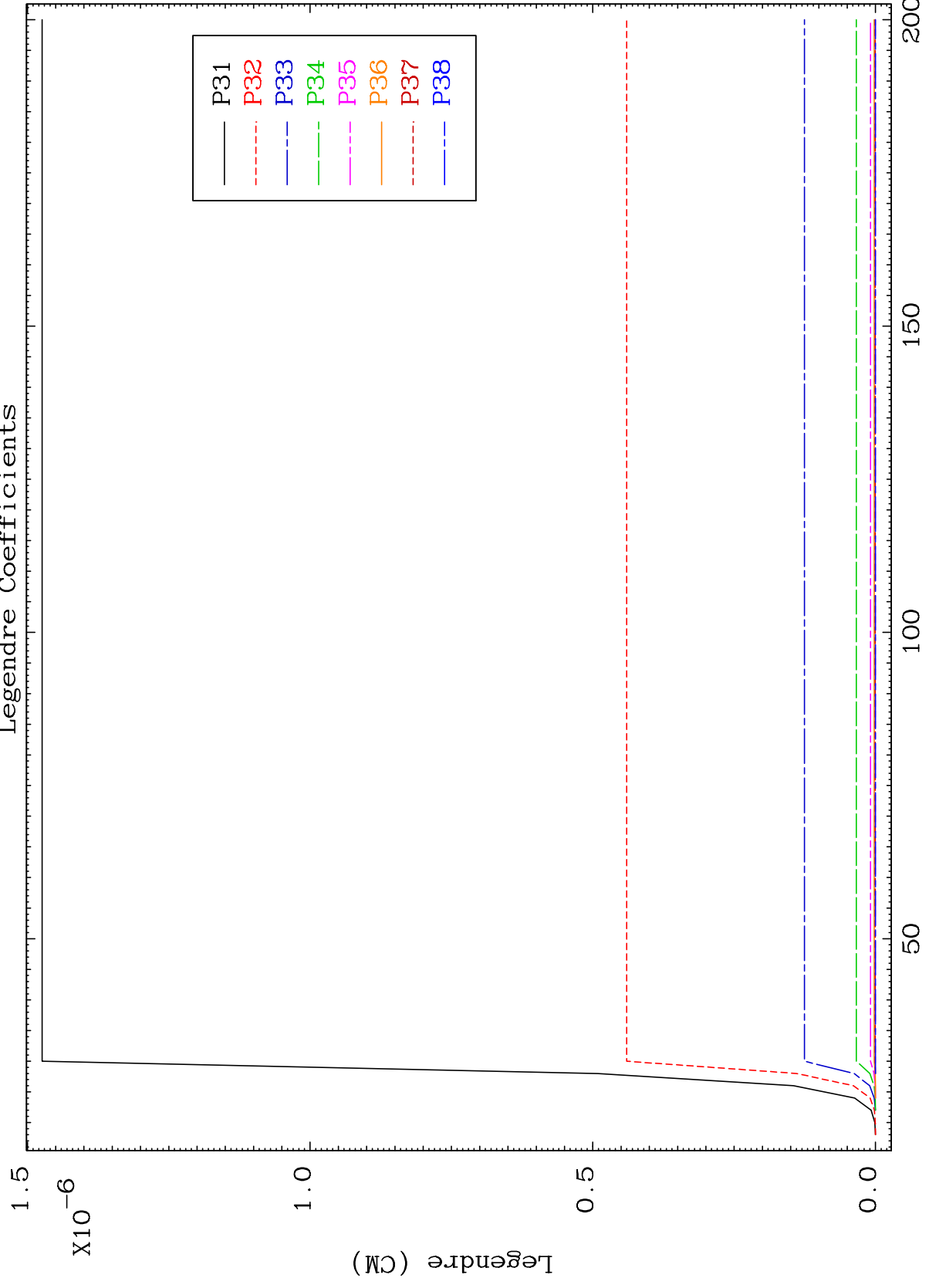
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



51

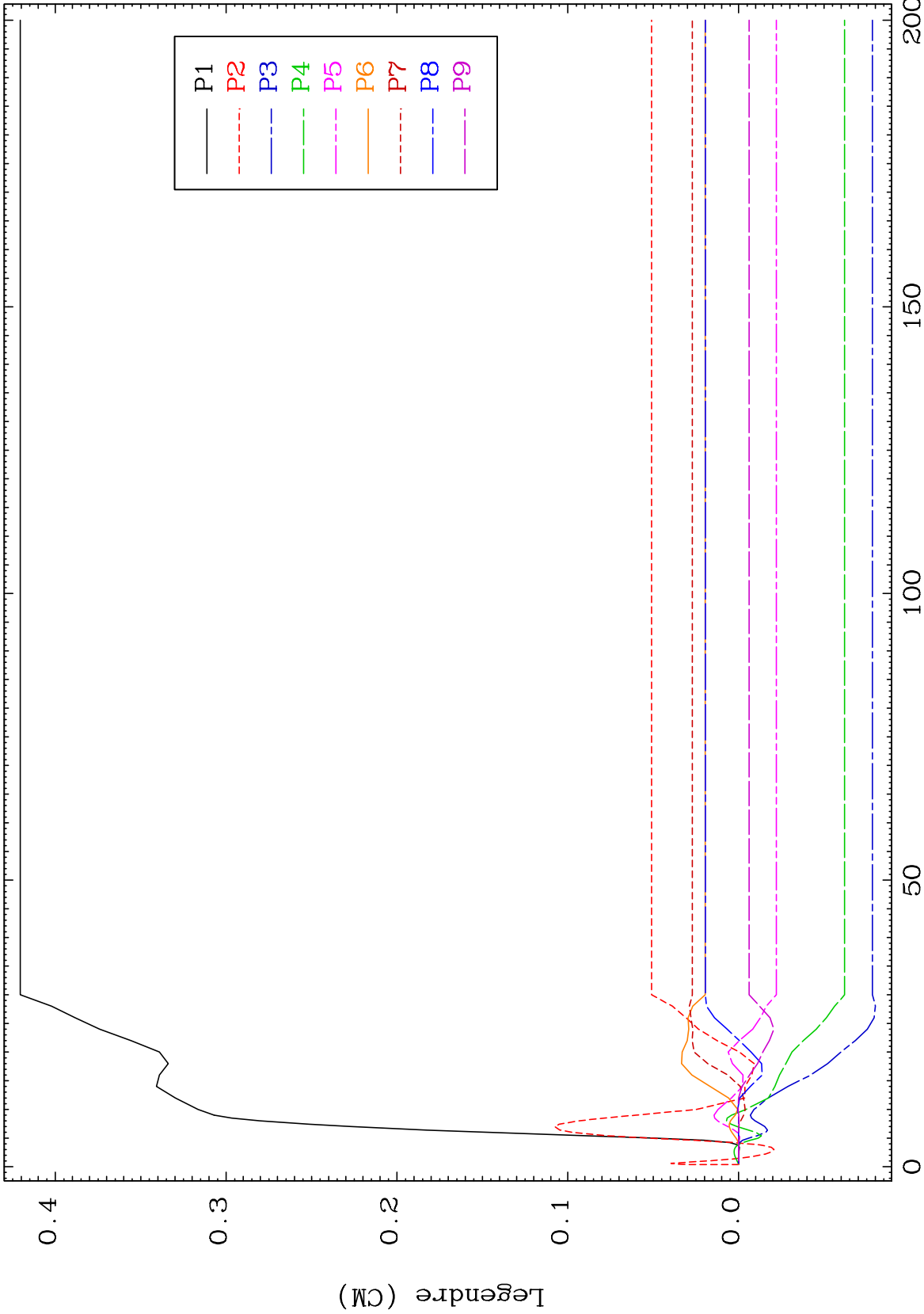
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



52

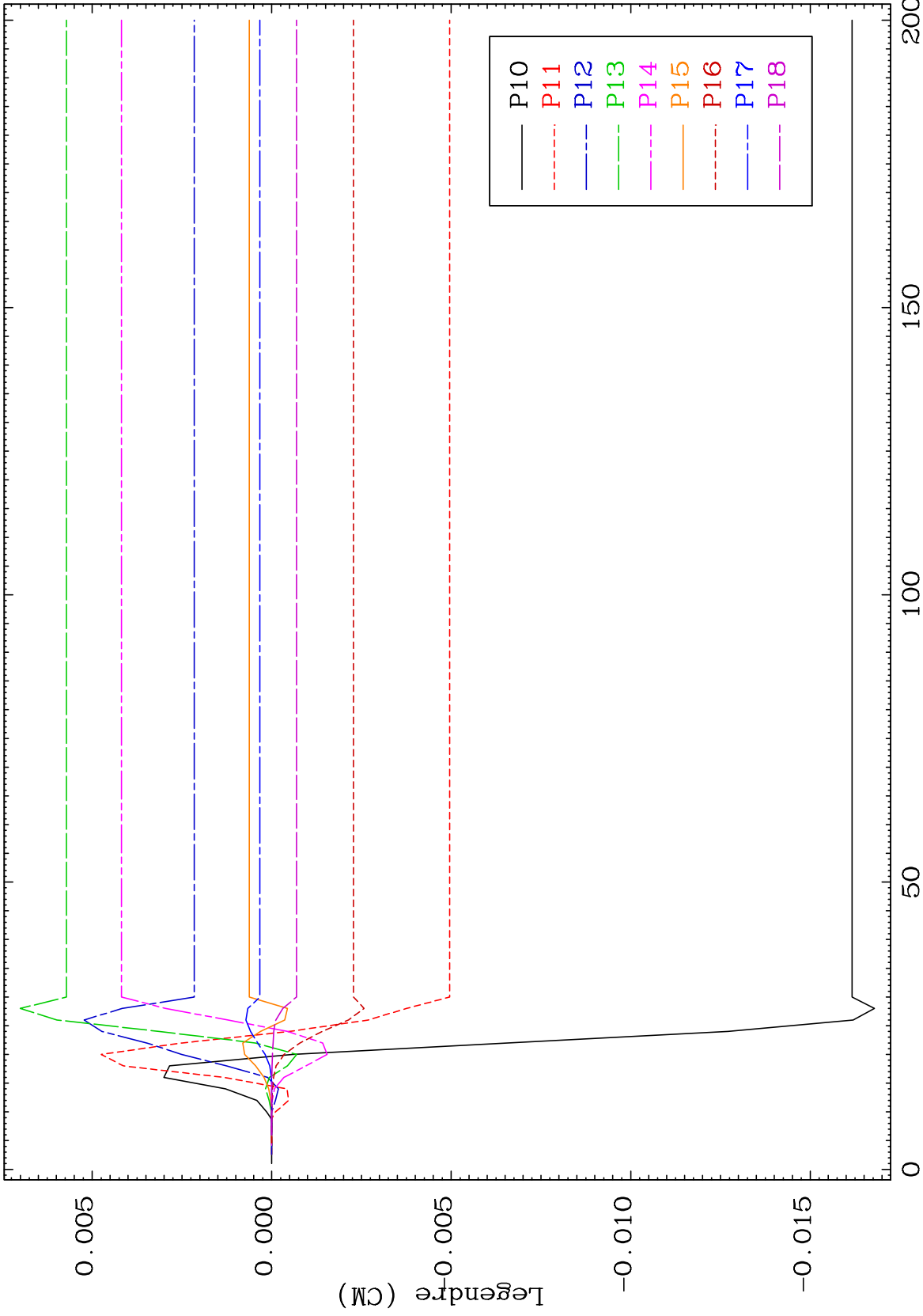
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



53

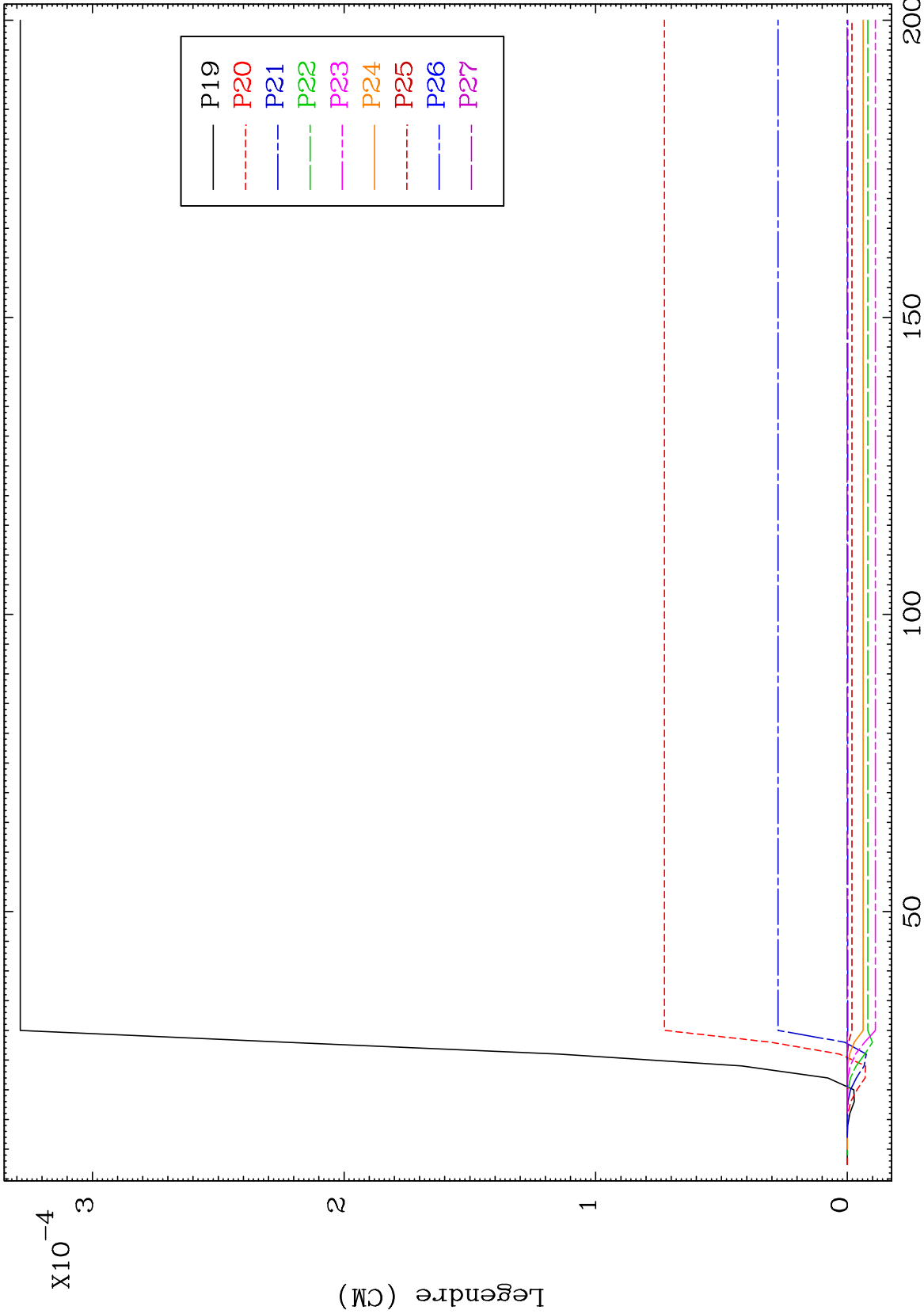
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



54

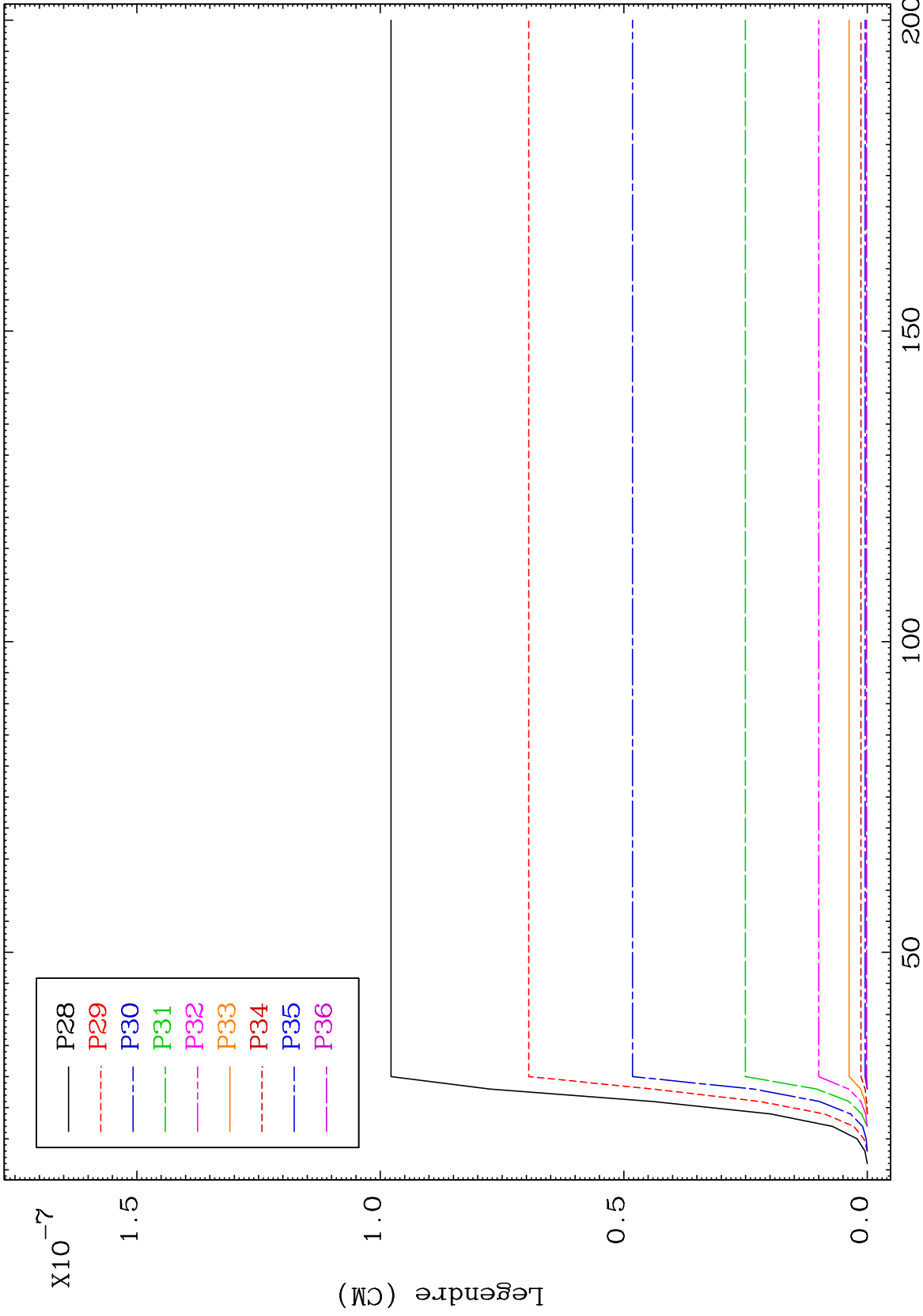
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



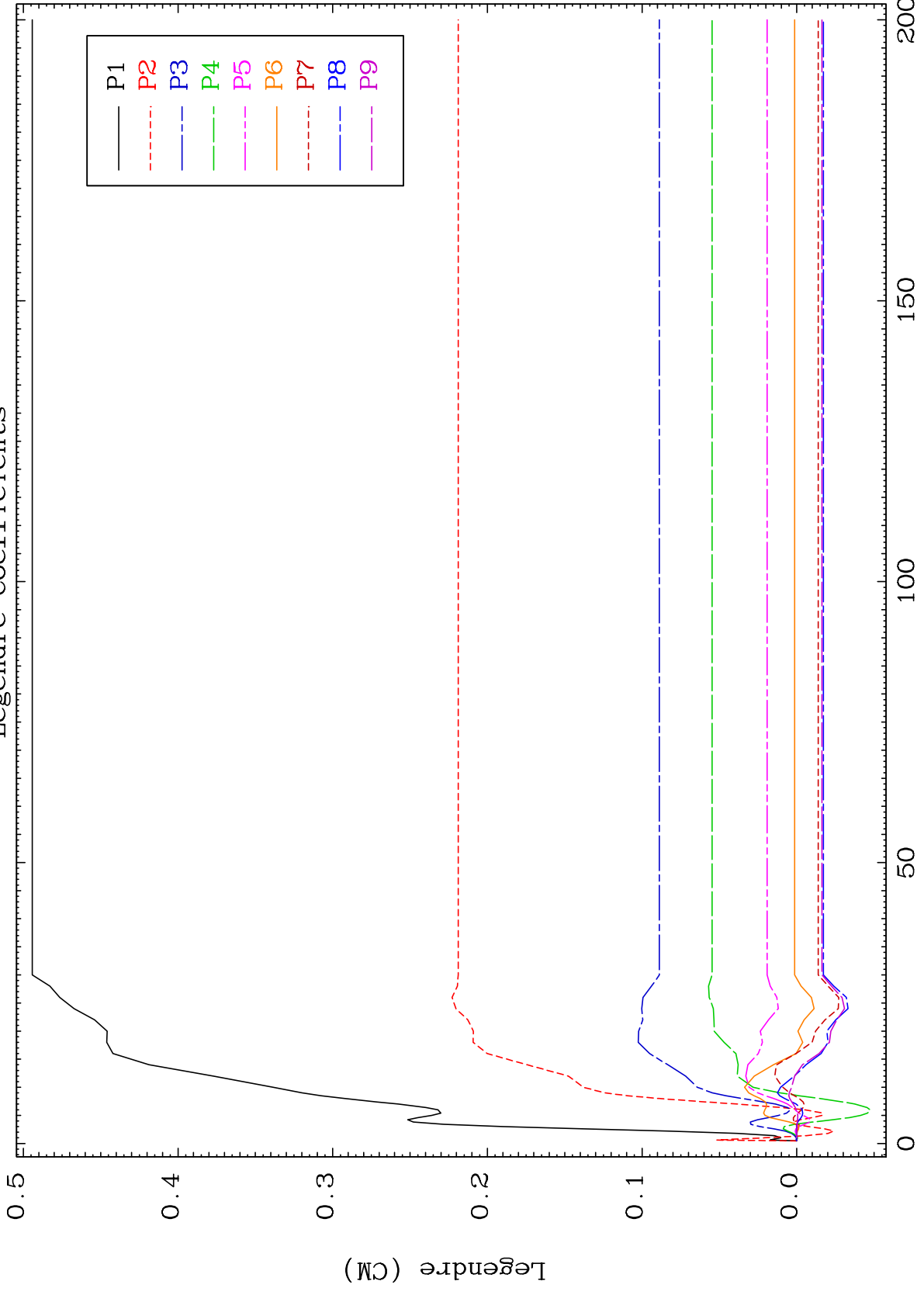
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Incident Energy (MeV)

75-Re-179

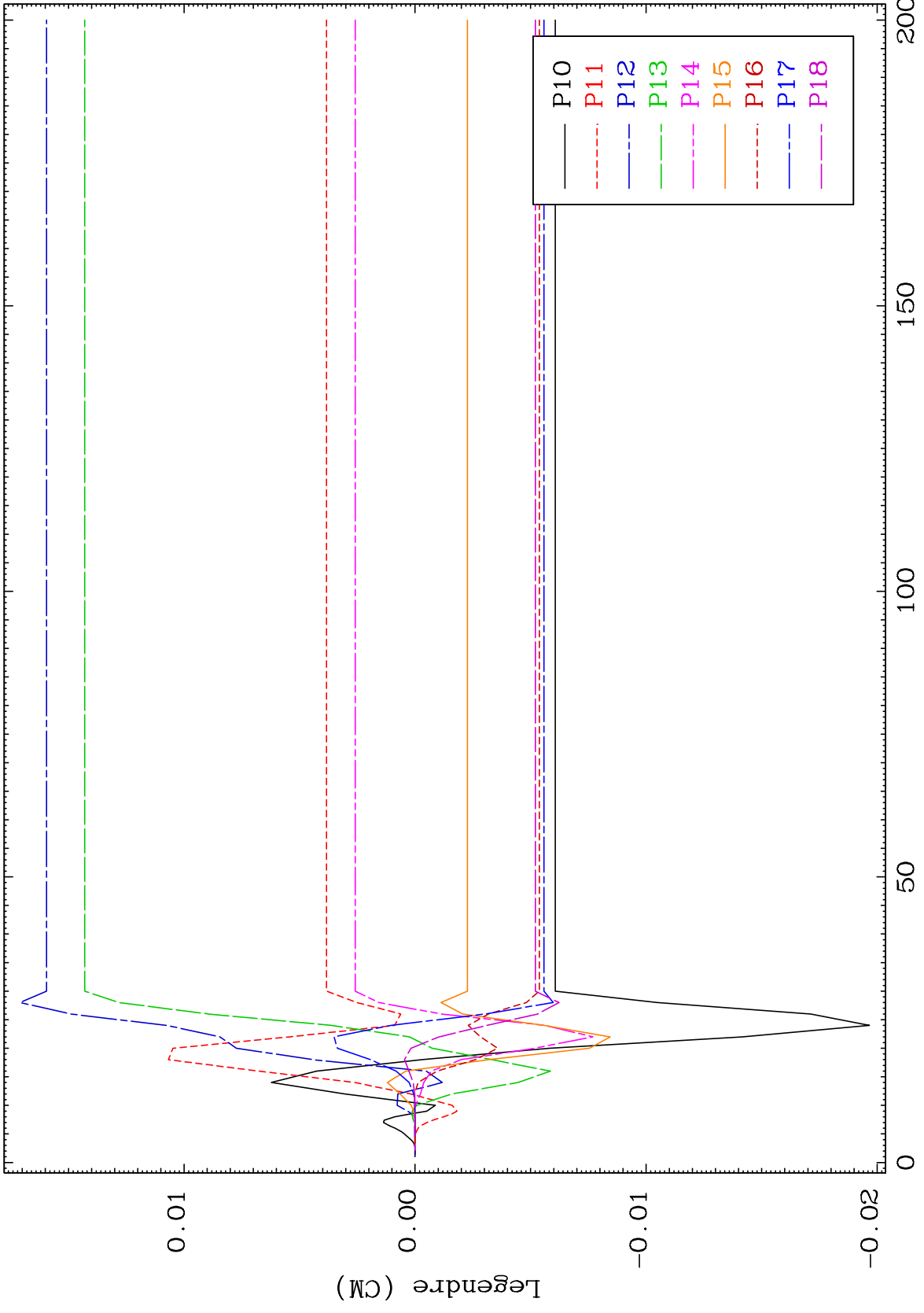


MAT 7507 MT= 60 (n,n') Level Legendre Coefficients 75-Re-179



Legendre (CM) Incident Energy (MeV) 56 75-Re-179

MAT 7507 MT= 60 (n,n') Level Legendre Coefficients 75-Re-179

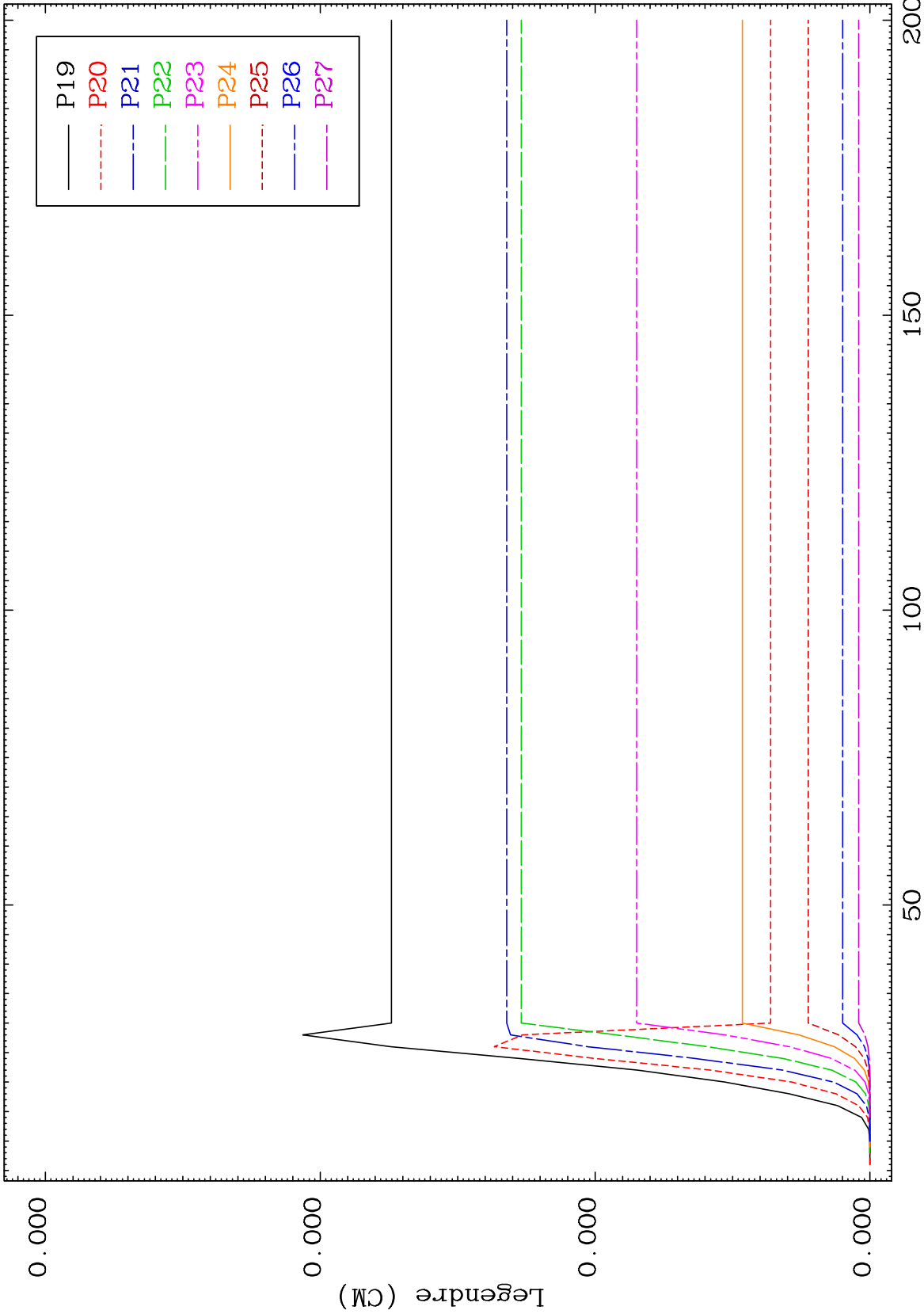


57 75-Re-179

MAT 7507

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

75-Re-179



58

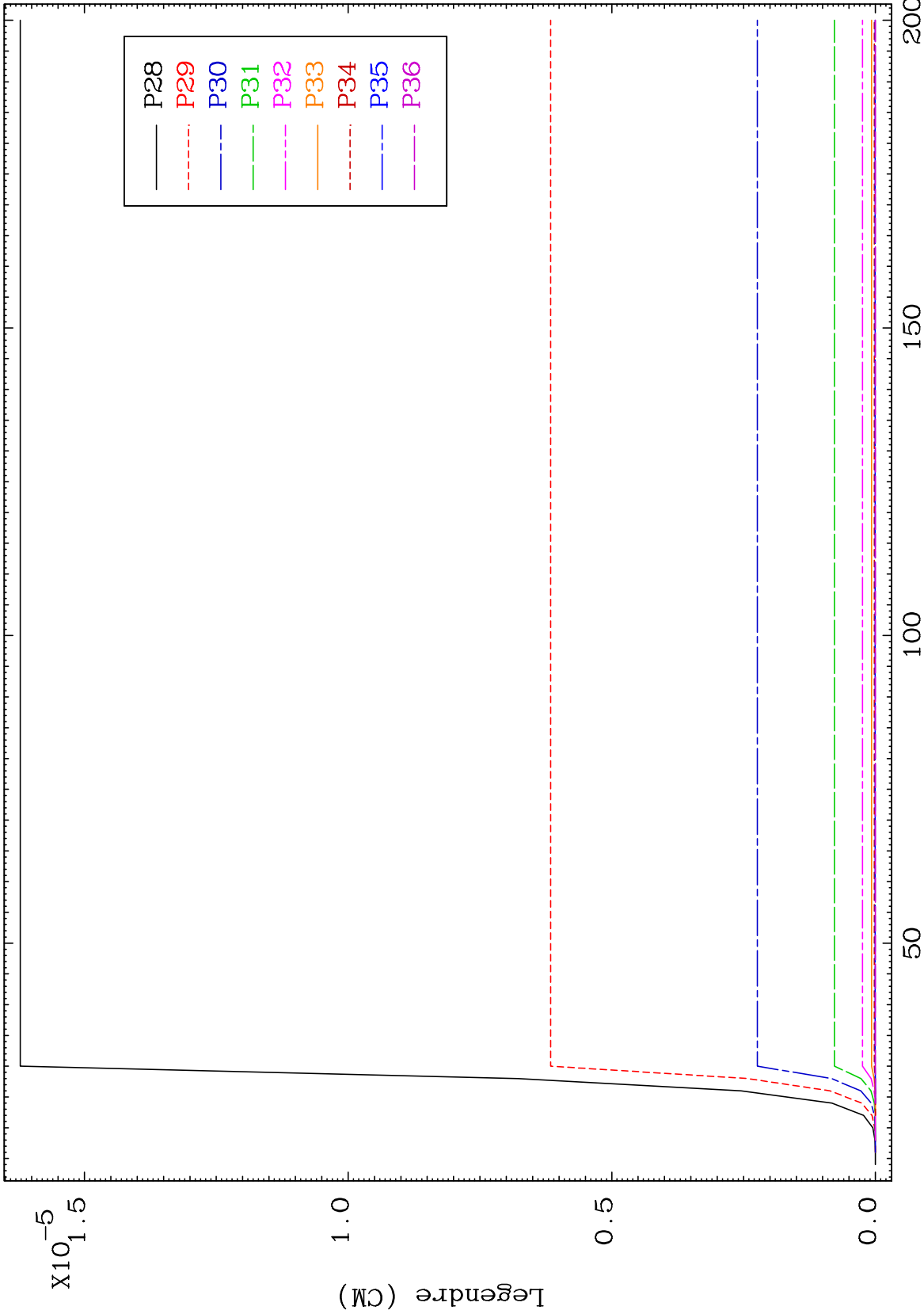
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179

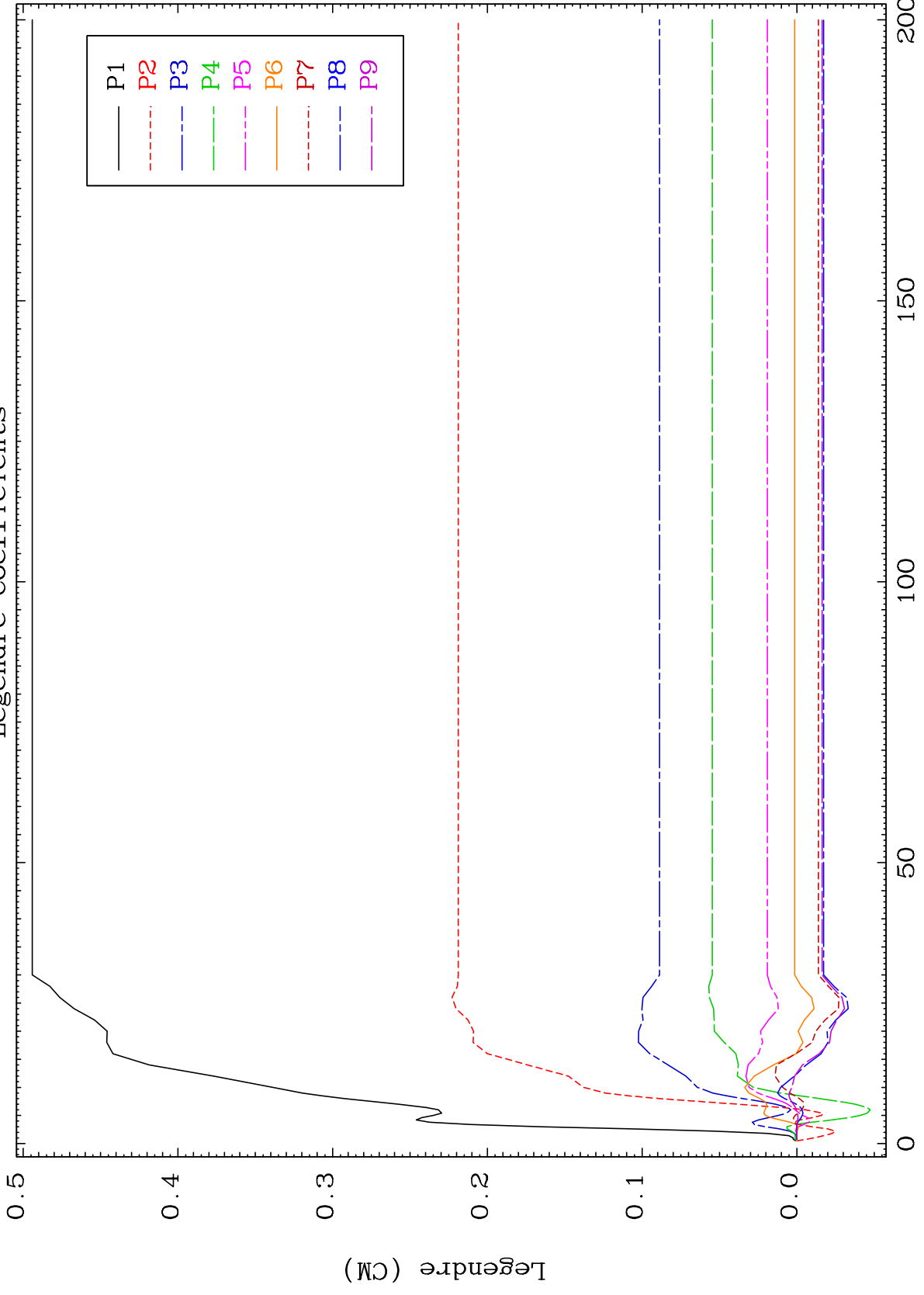


59

Incident Energy (MeV)

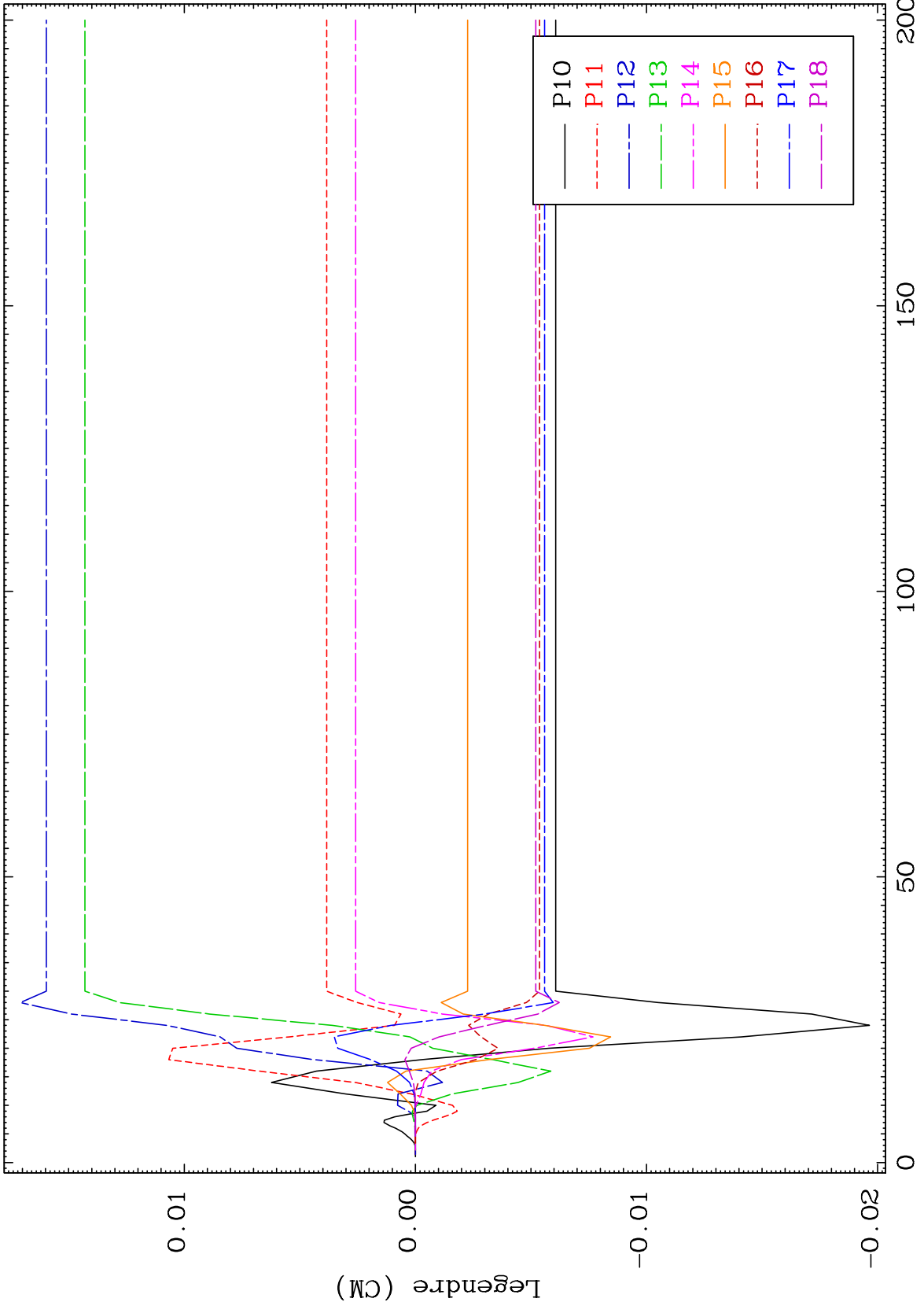
75-Re-179

MAT 7507 MT= 61 (n,n') Level Legendre Coefficients 75-Re-179



75-Re-179

MAT 7507 MT= 61 (n,n') Level Legendre Coefficients 75-Re-179

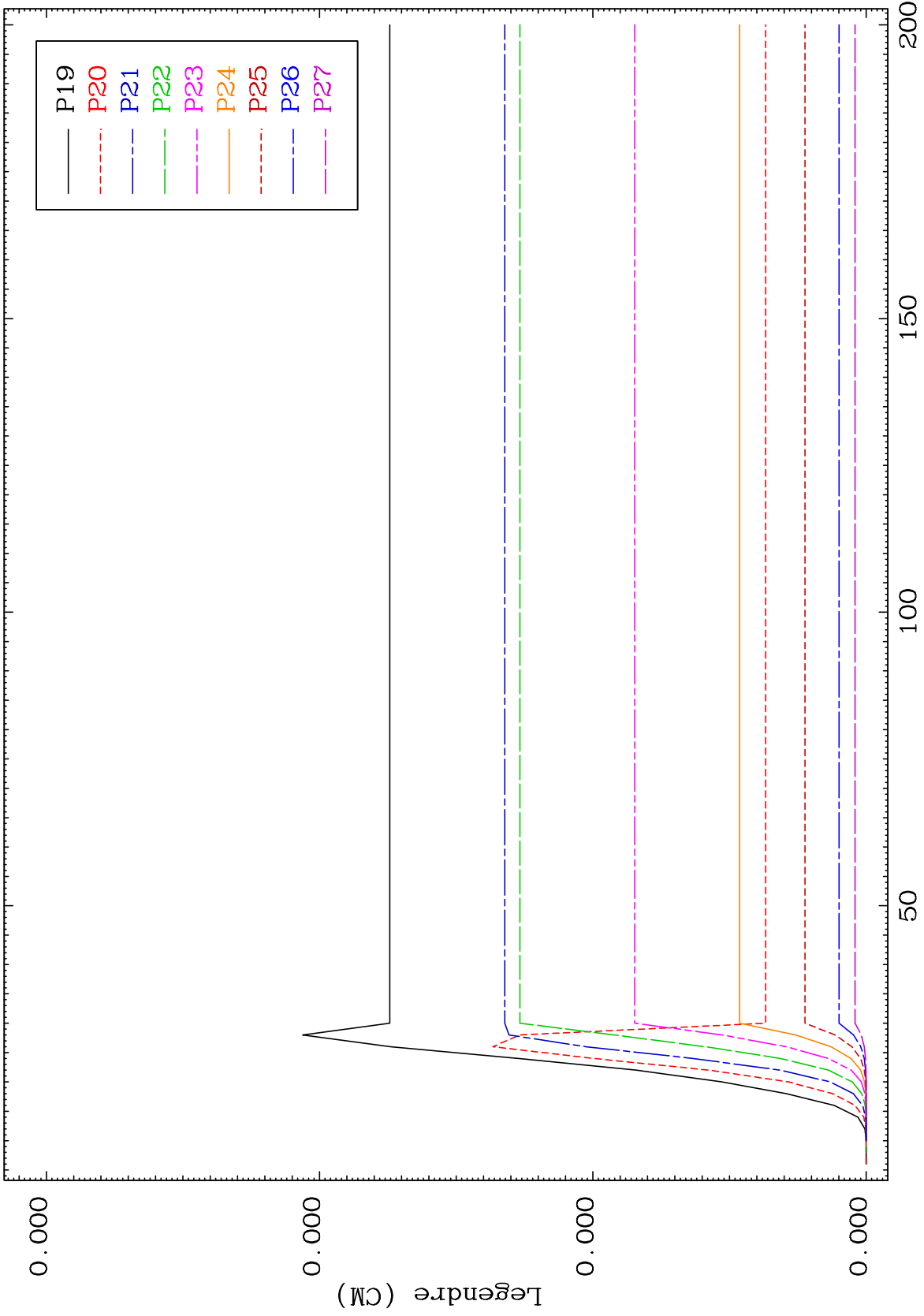


61 75-Re-179

MAT 7507

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

75-Re-179



62

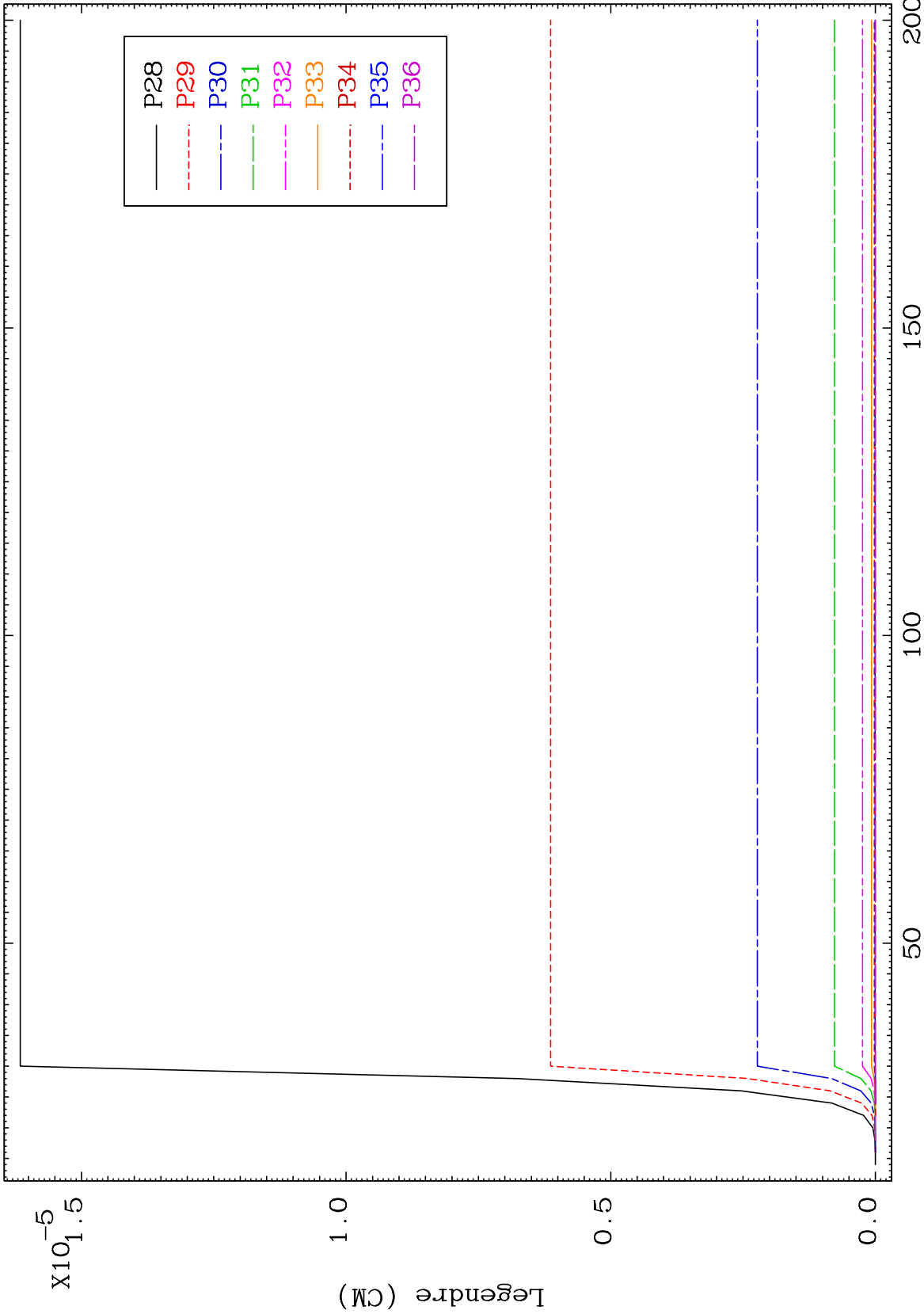
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



63

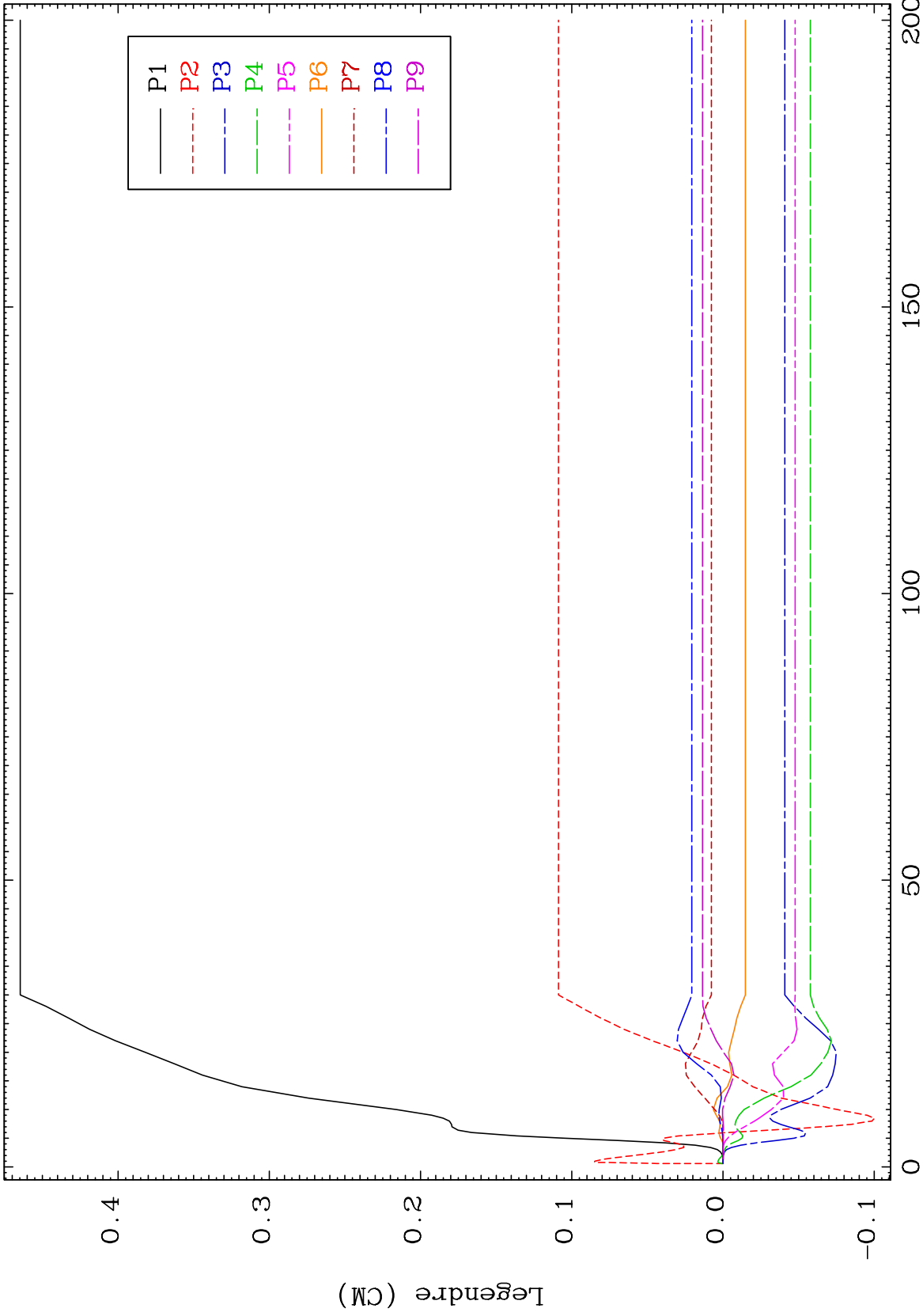
75-Re-179



MAT 7507

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

75-Re-179



64

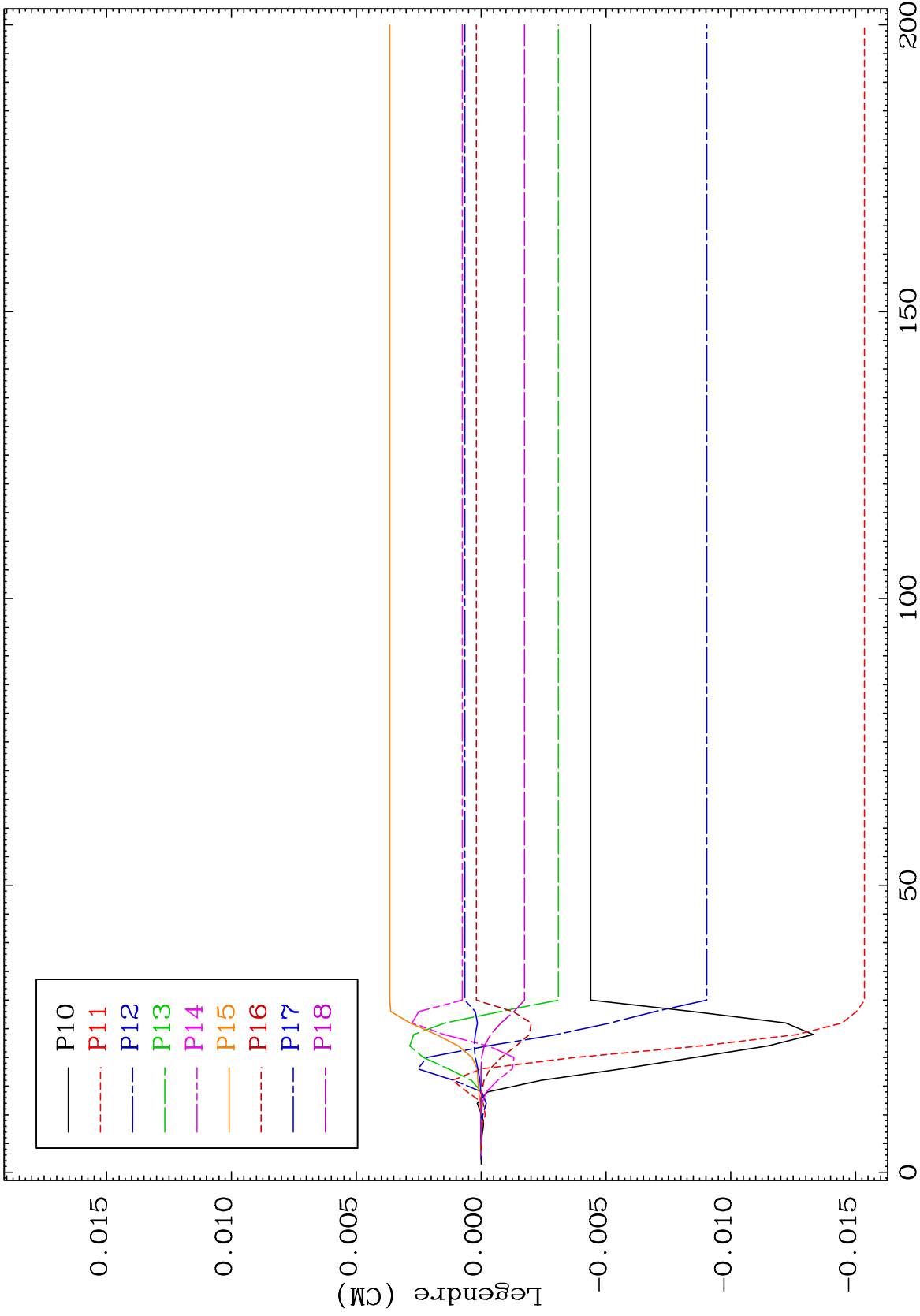
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



65

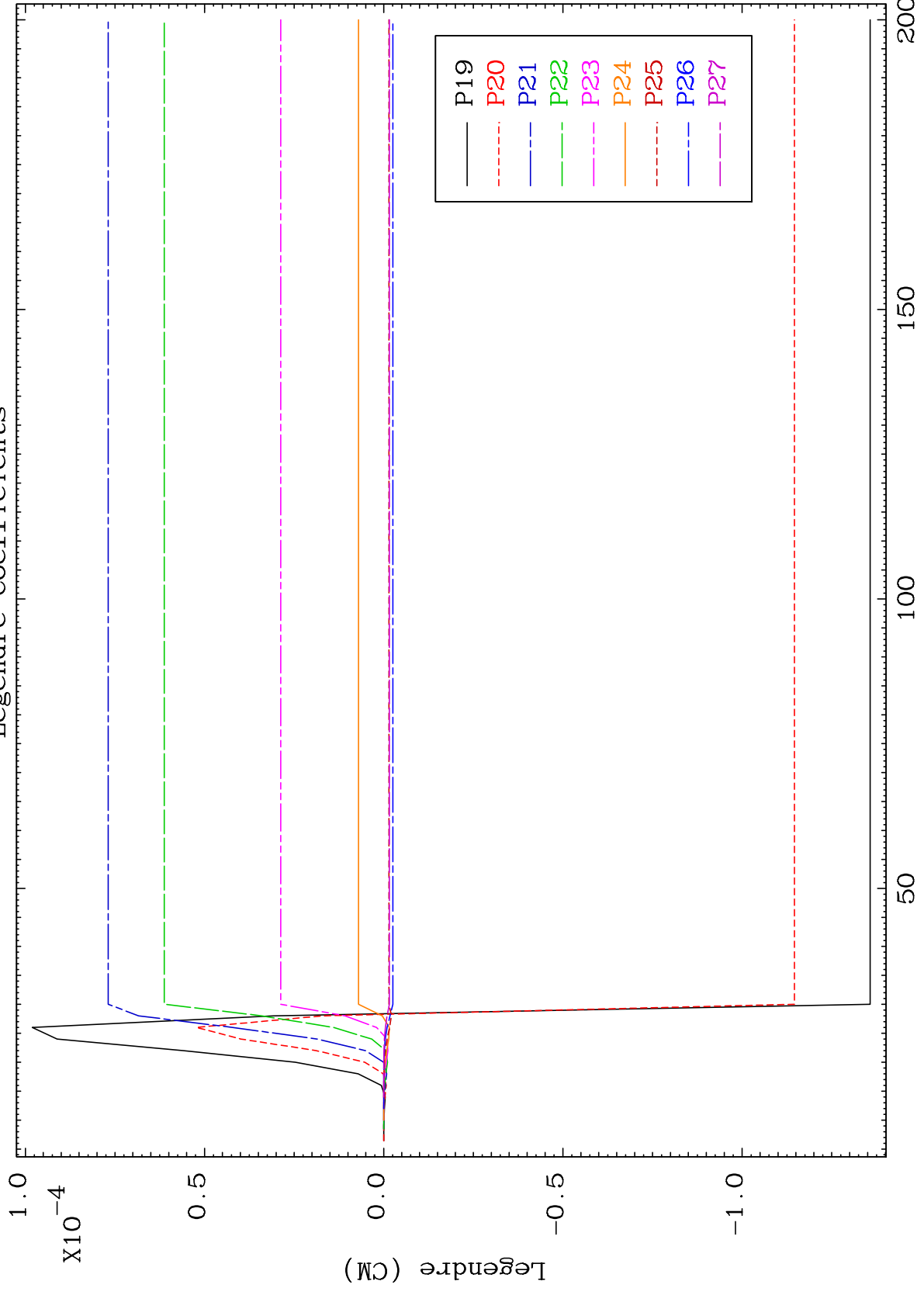
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179

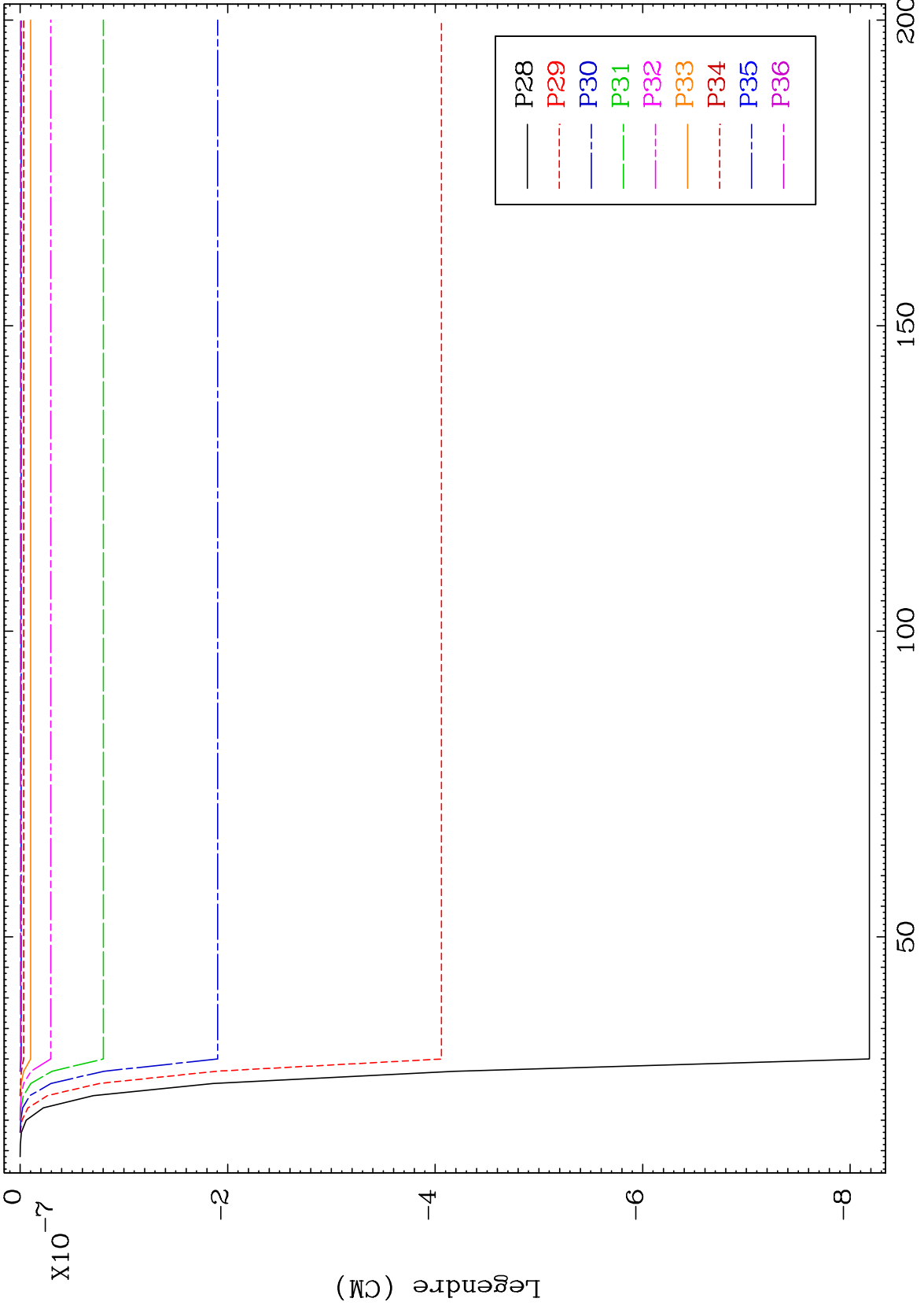


66

Incident Energy (MeV)

75-Re-179

MAT 7507 MT= 62 (n,n') Level Legendre Coefficients 75-Re-179

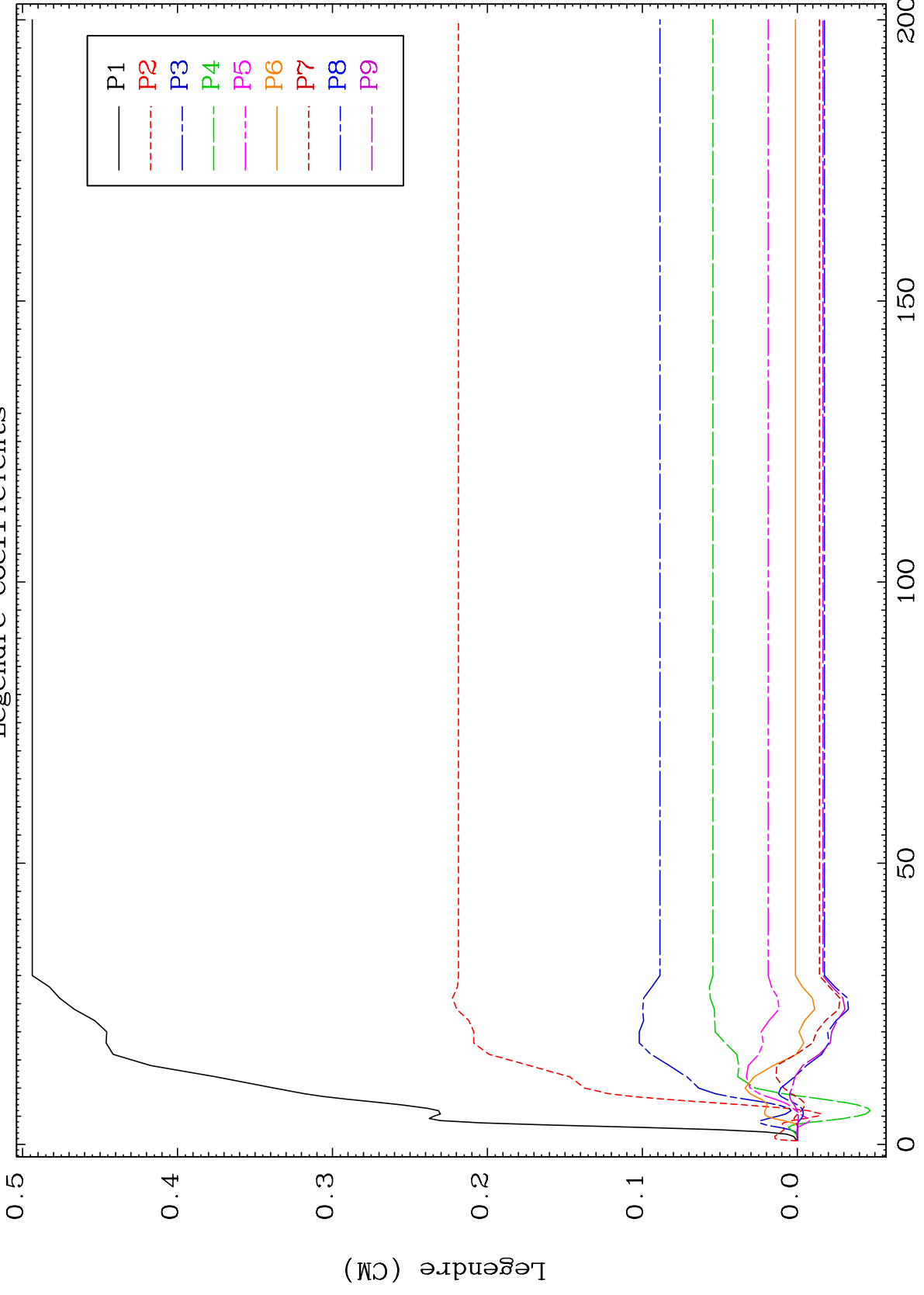


67 75-Re-179

MAT 7507

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

75-Re-179



68

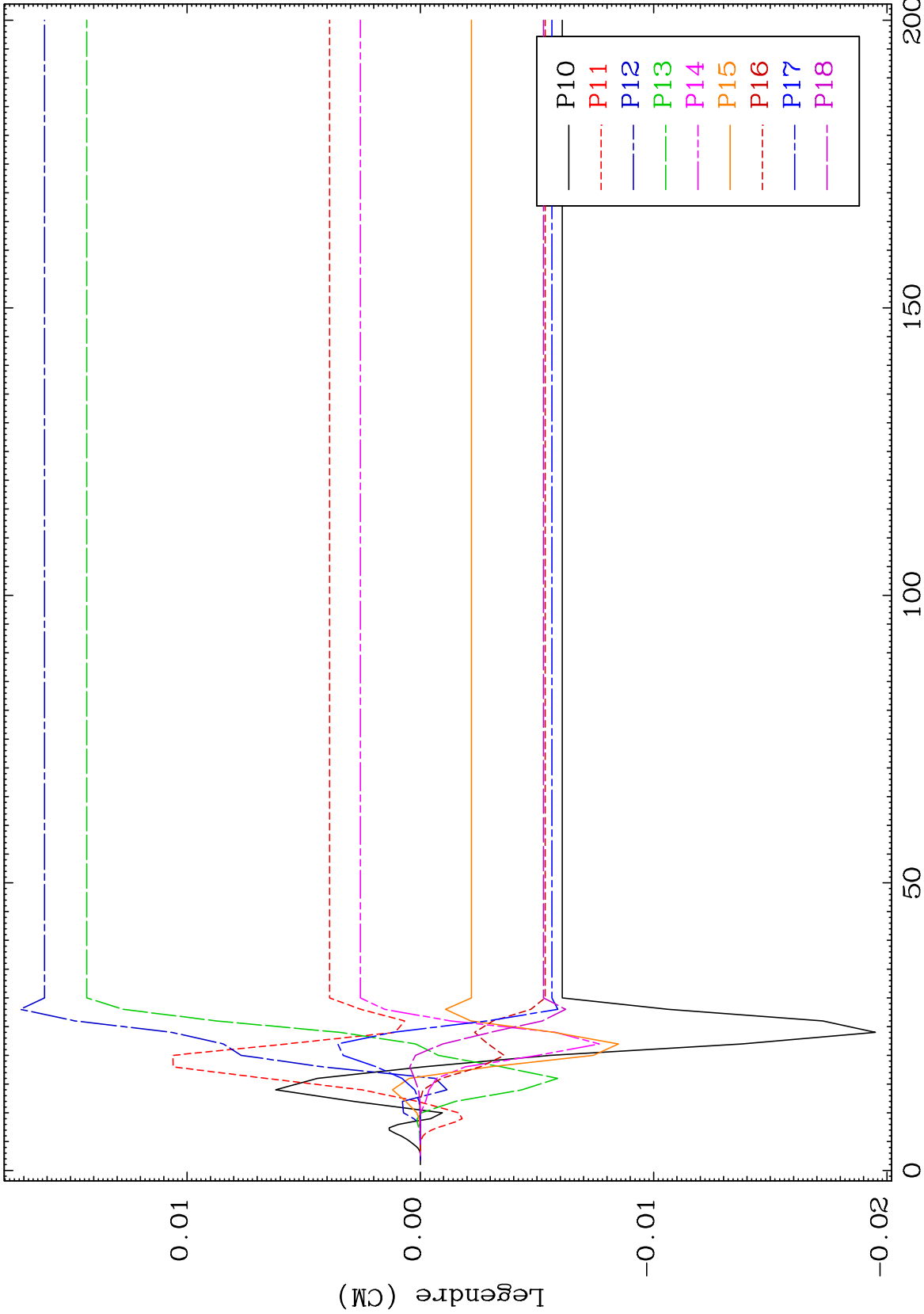
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



69

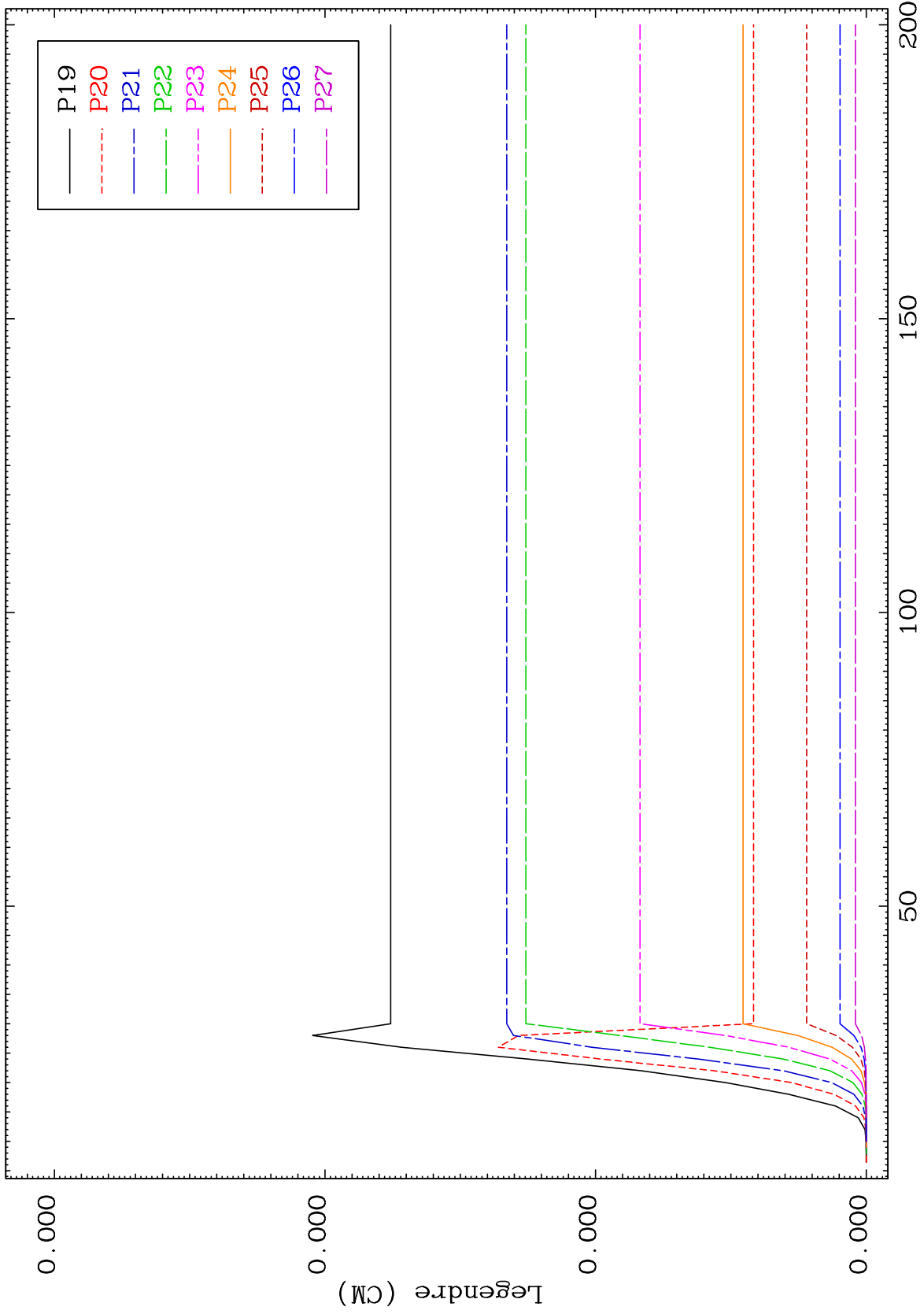
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



70

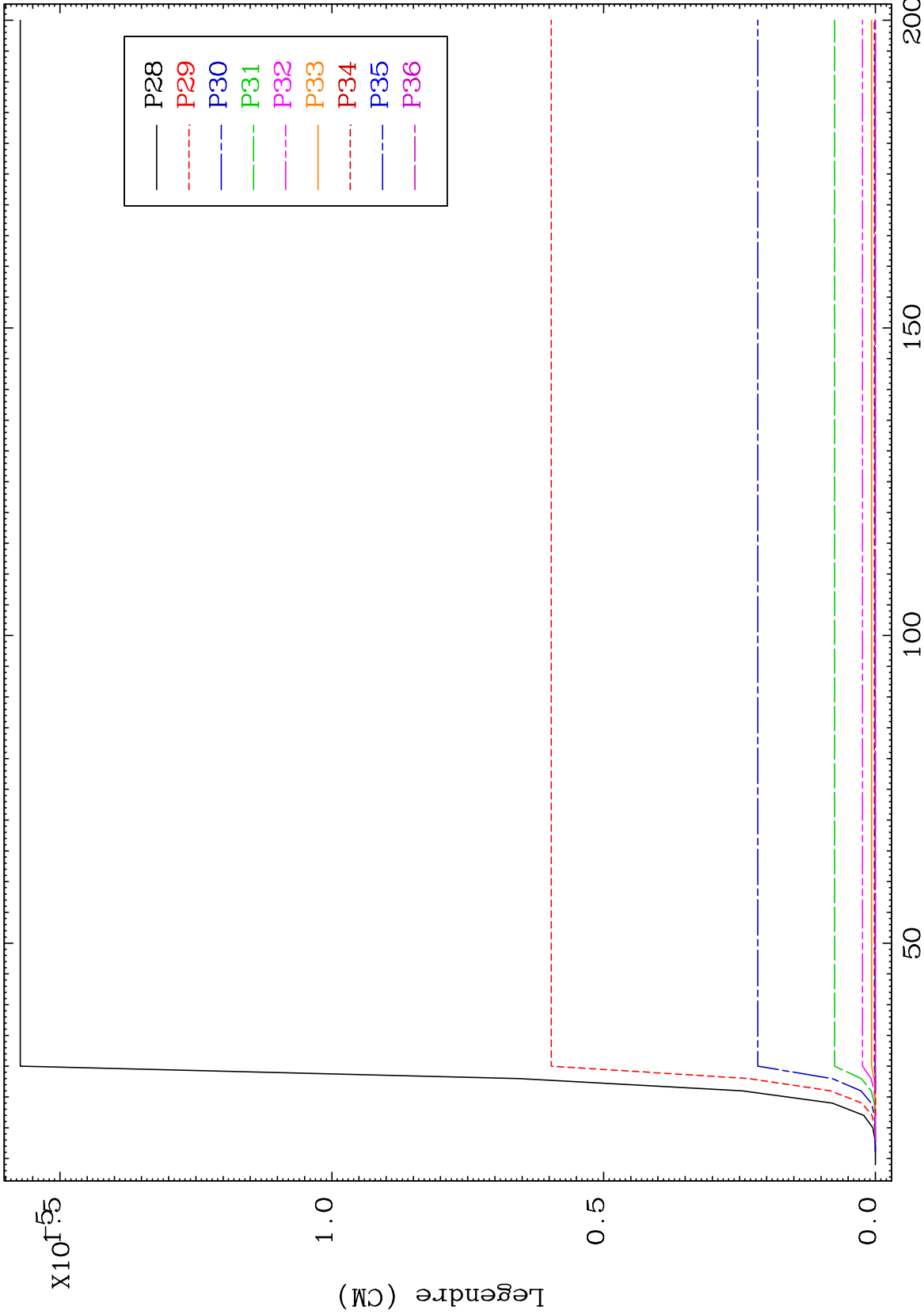
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



71

Incident Energy (MeV)

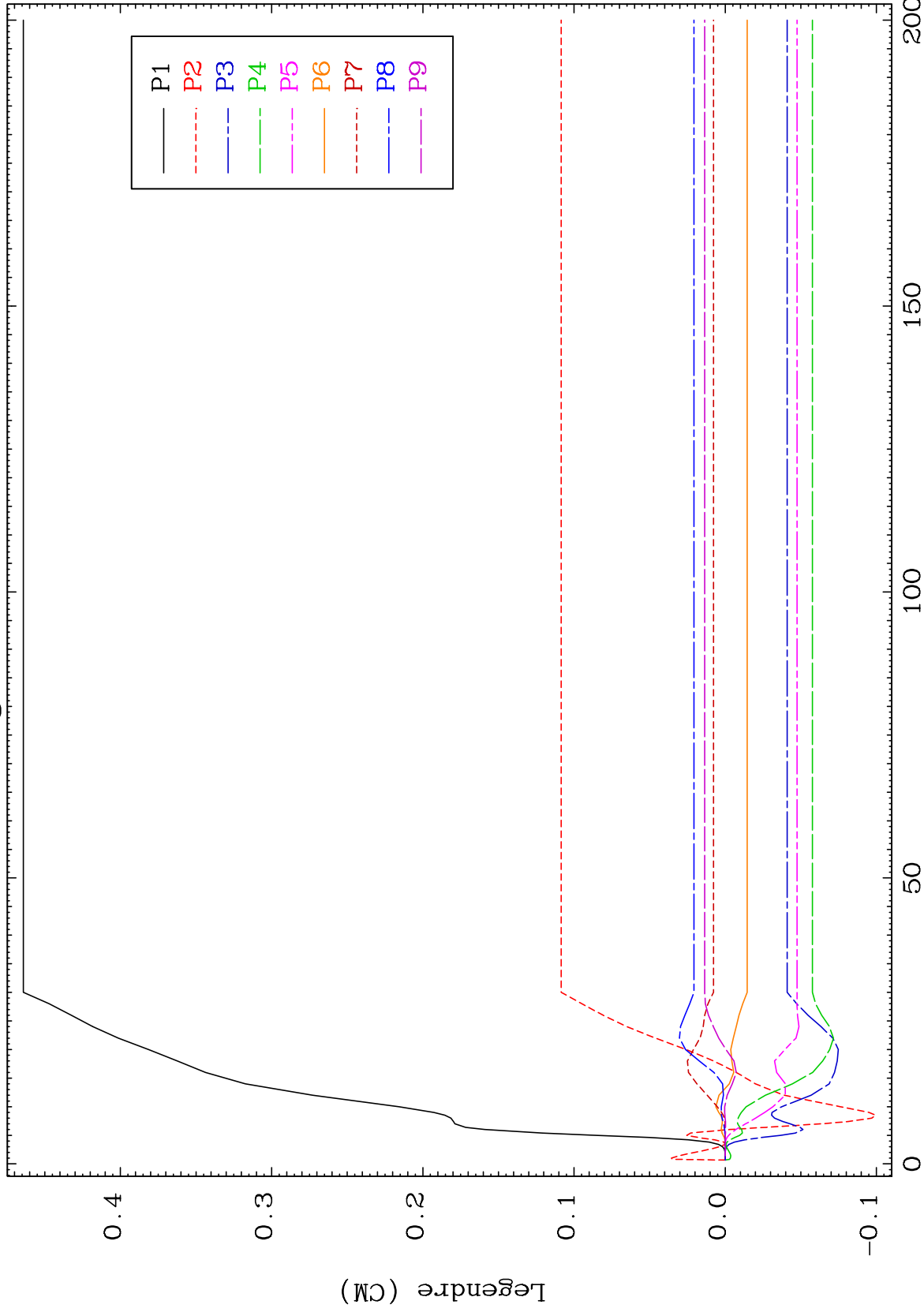
75-Re-179



MAT 7507

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

75-Re-179



72

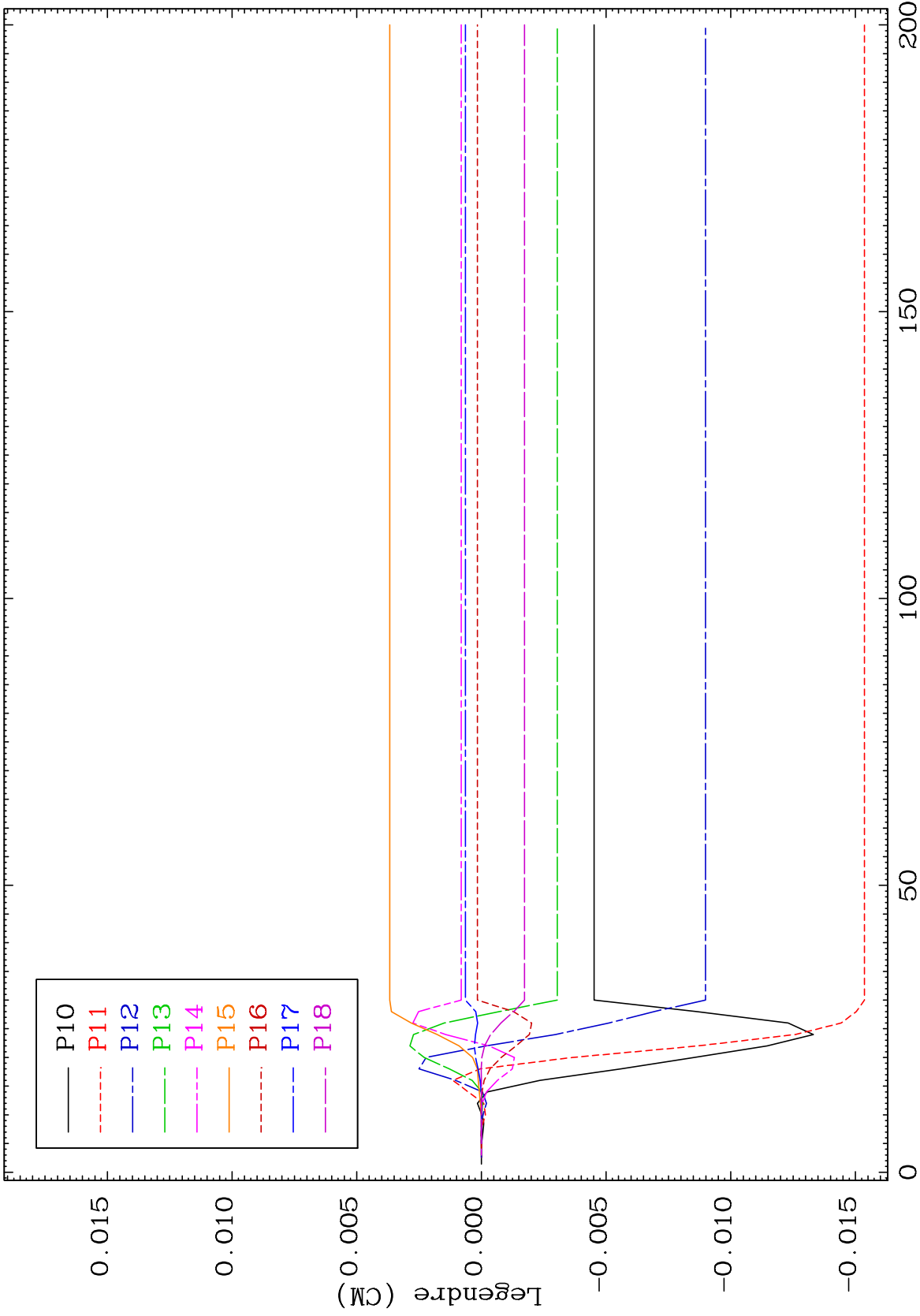
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



73

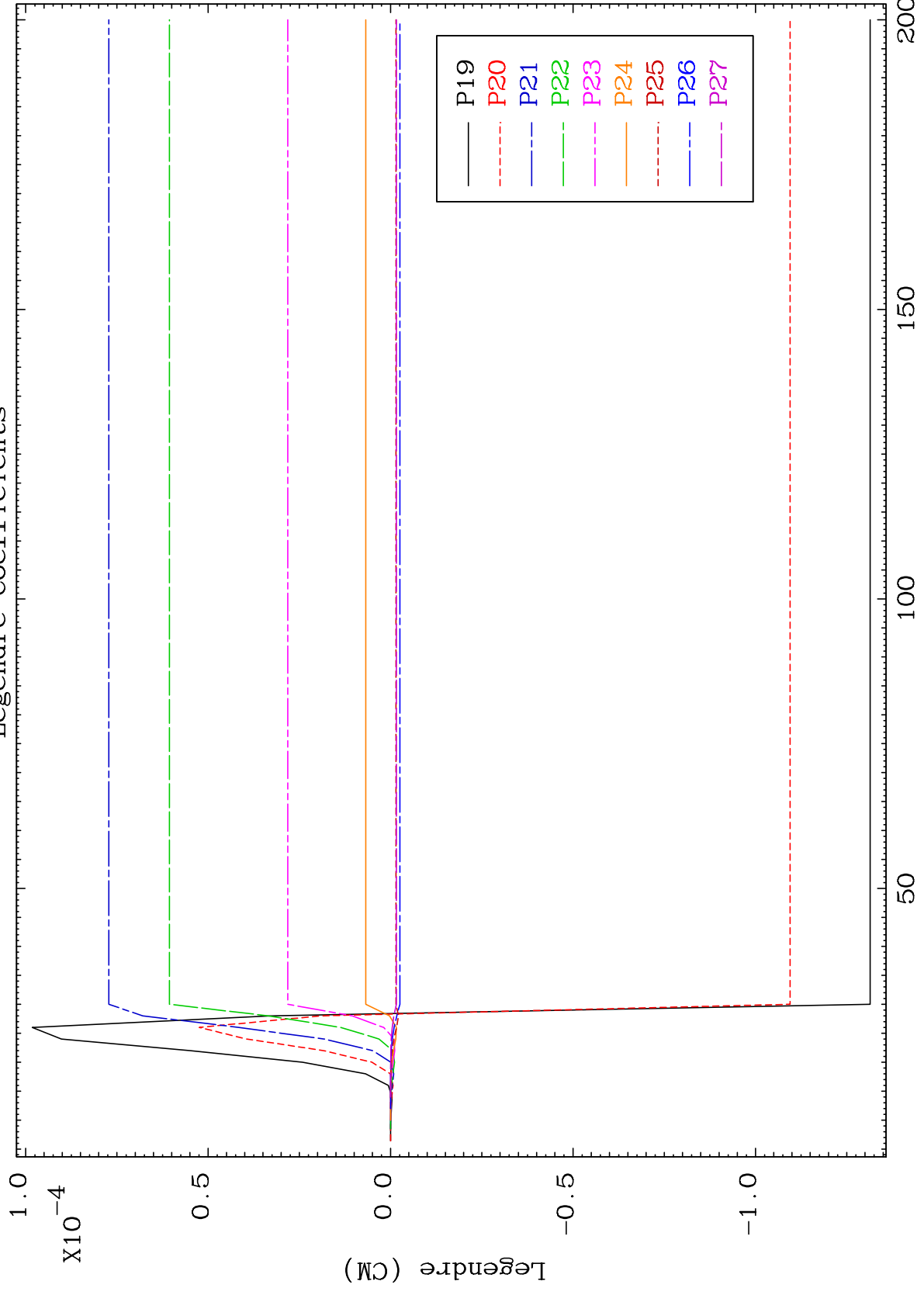
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



74

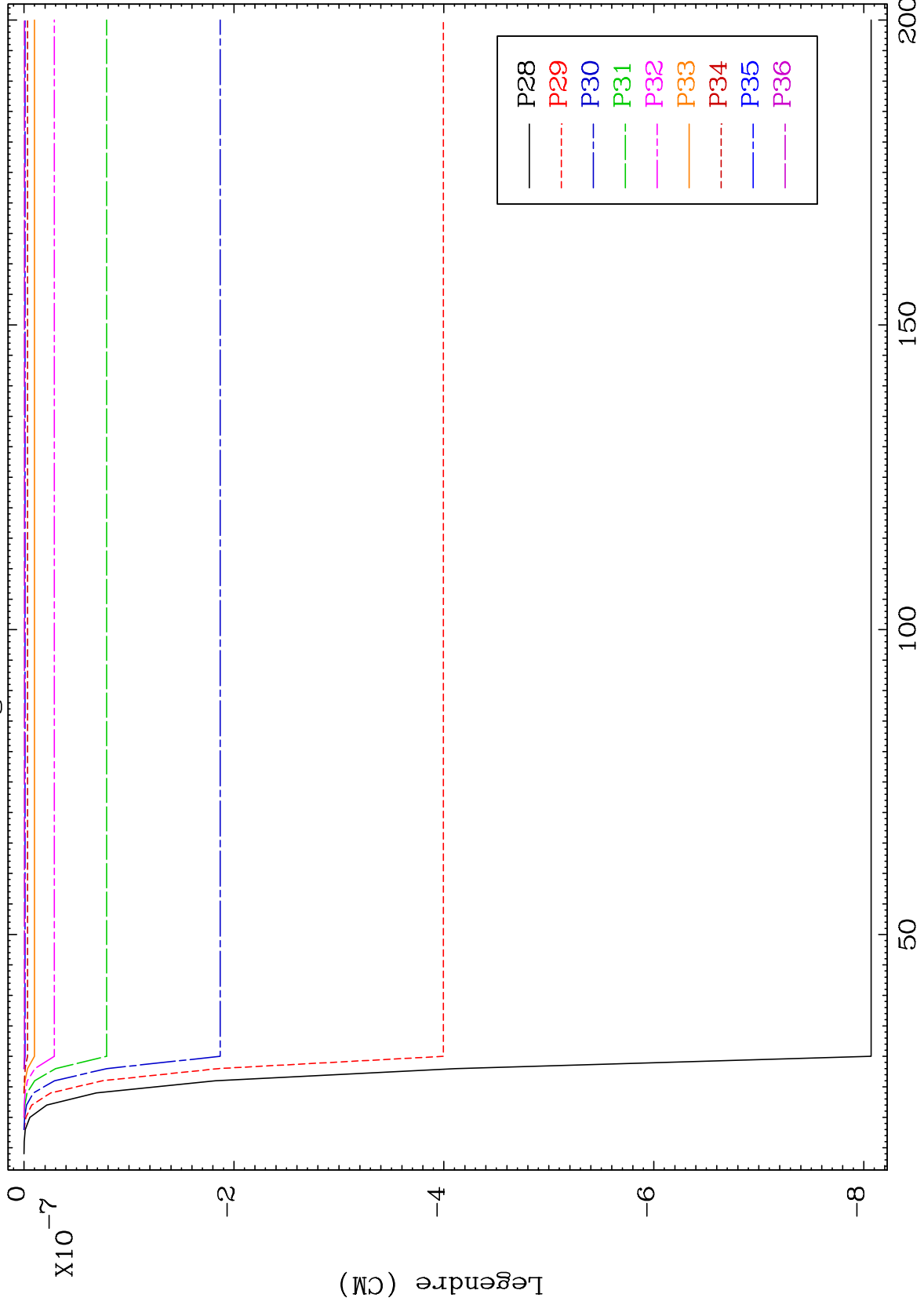
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



75-Re-179

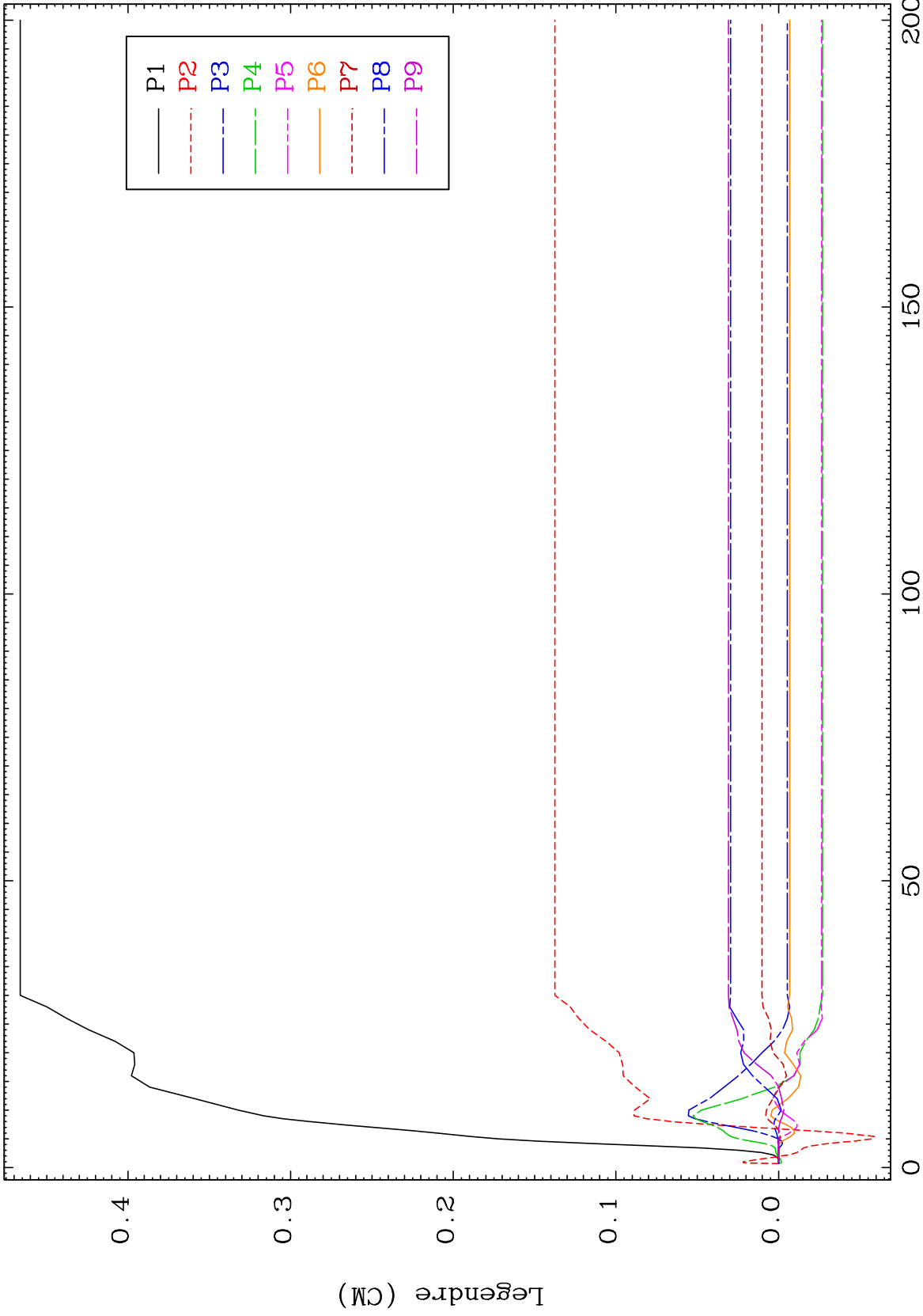
Incident Energy (MeV)

75

MAT 7507

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

75-Re-179



76

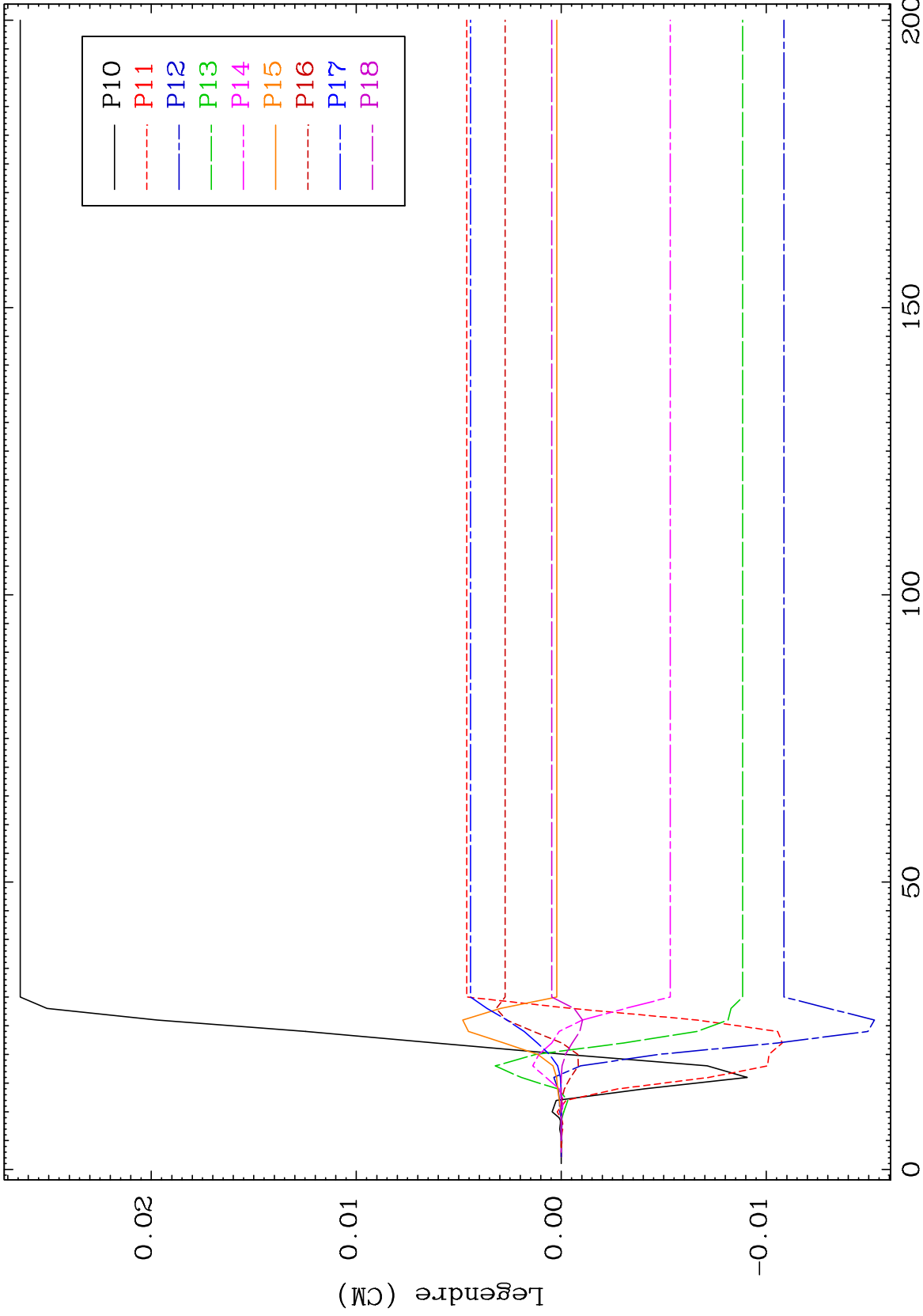
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



77

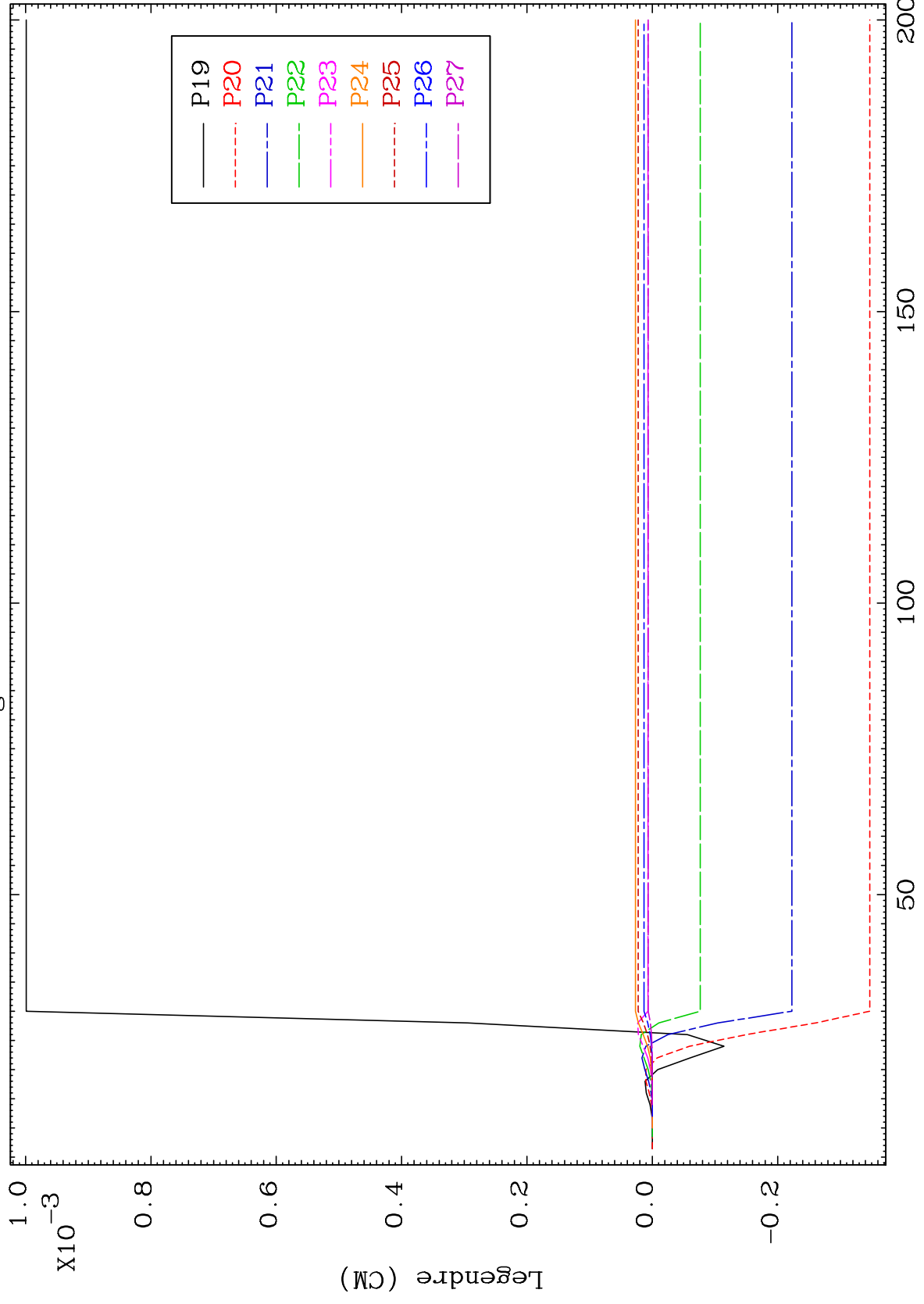
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



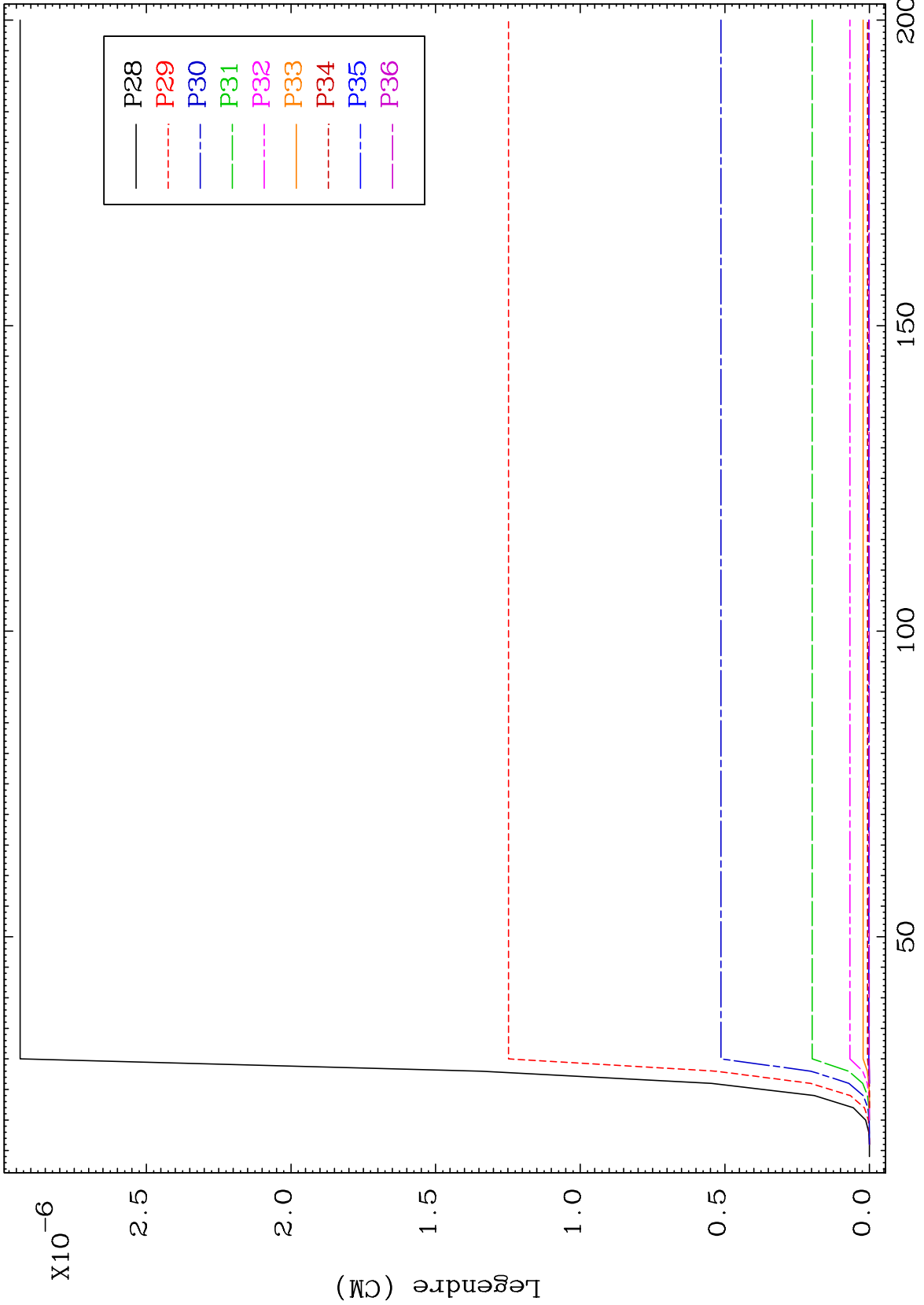
78

75-Re-179

MAT 7507

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

75-Re-179



79

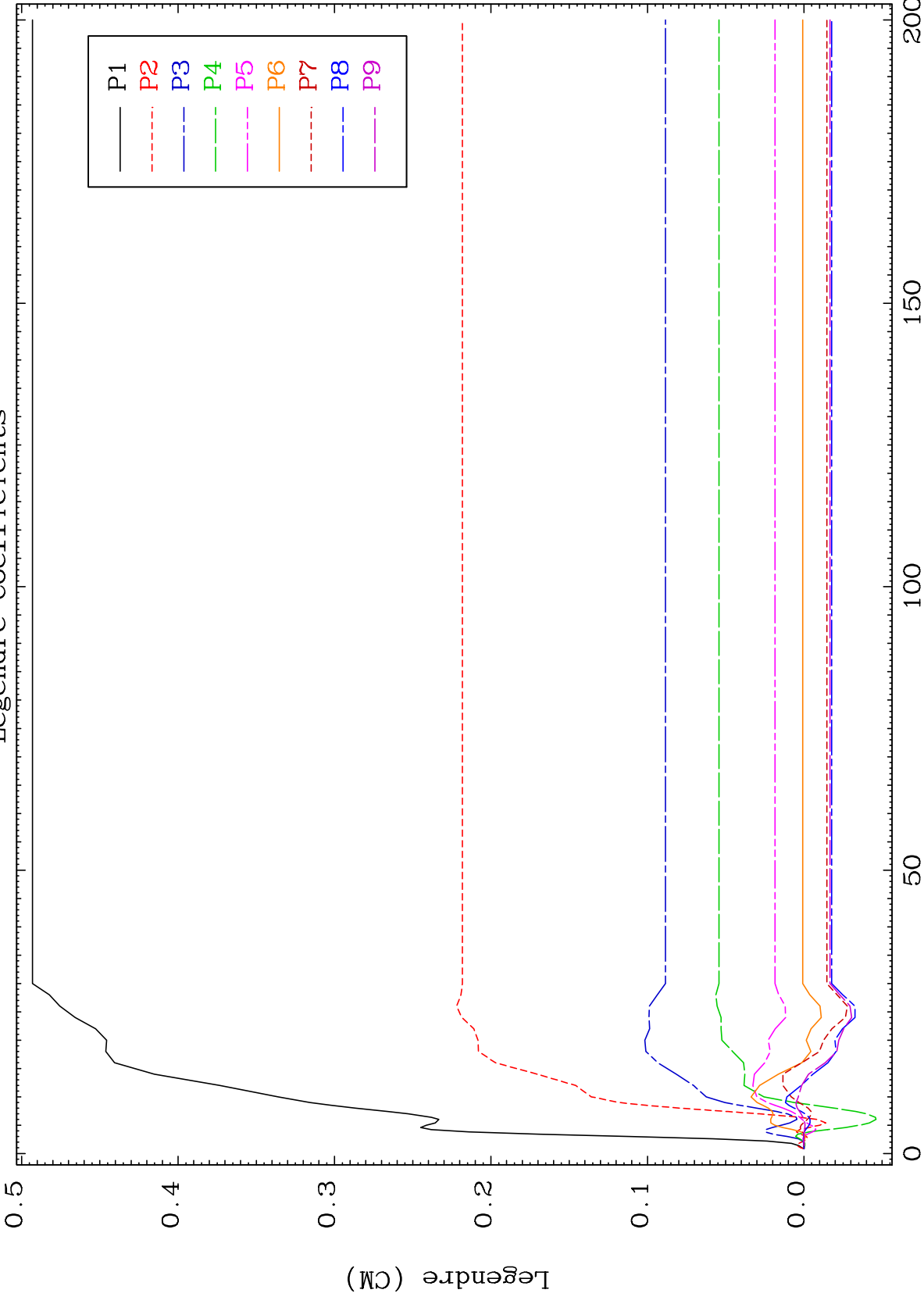
75-Re-179



MAT 7507

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

75-Re-179



75-Re-179

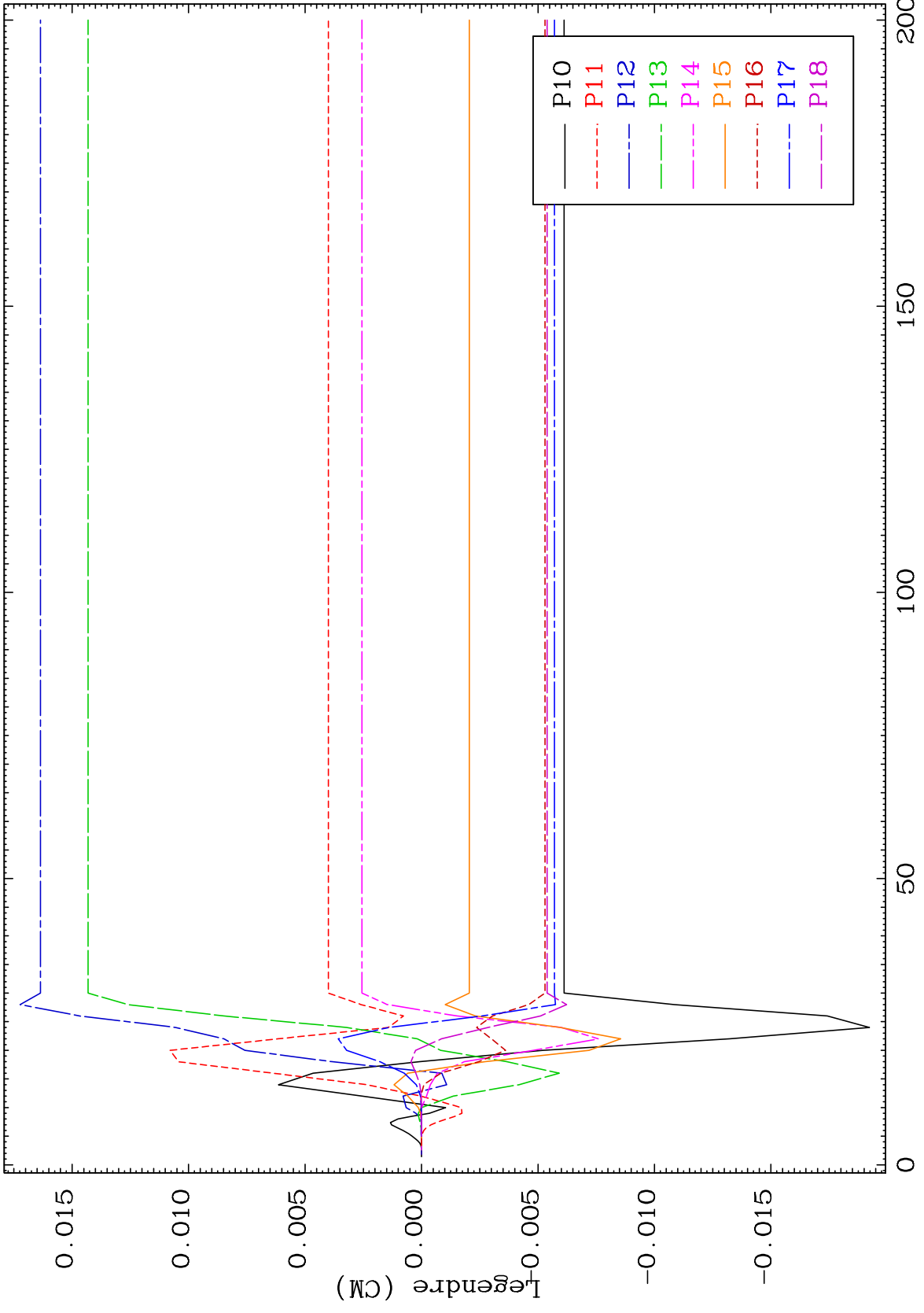
Incident Energy (MeV)

80

MAT 7507

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

75-Re-179



81

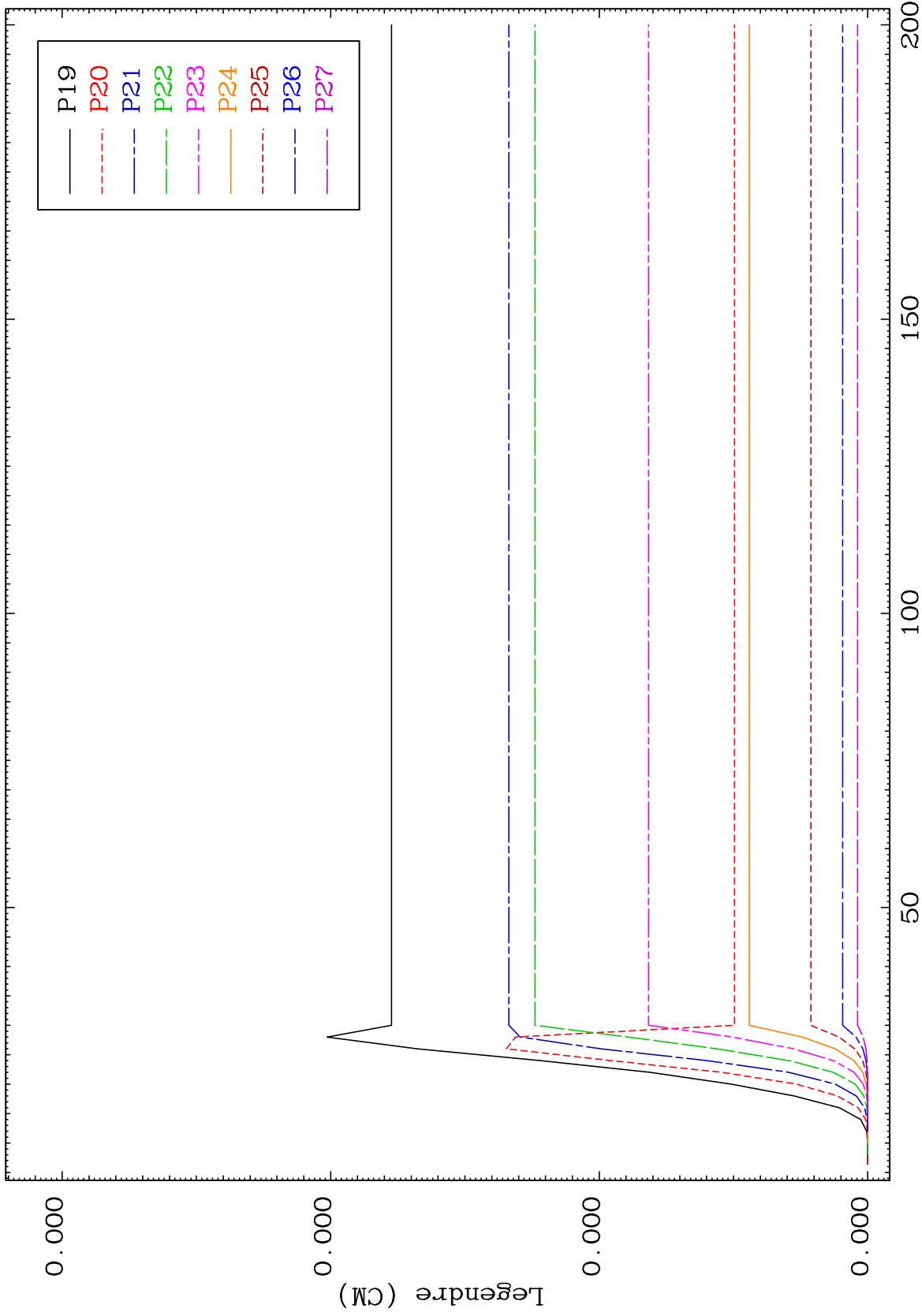
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



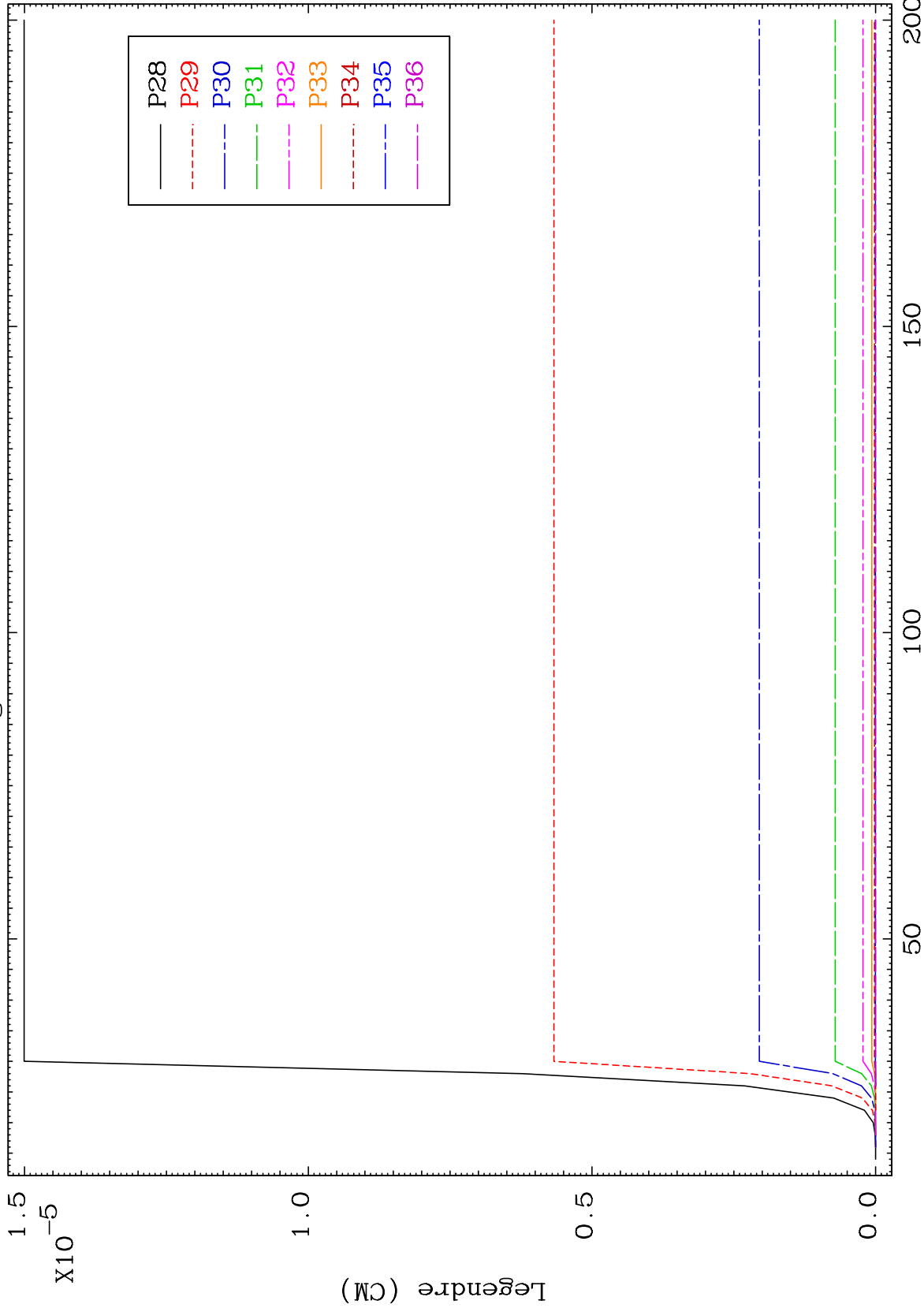
82

75-Re-179

MAT 7507

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

75-Re-179

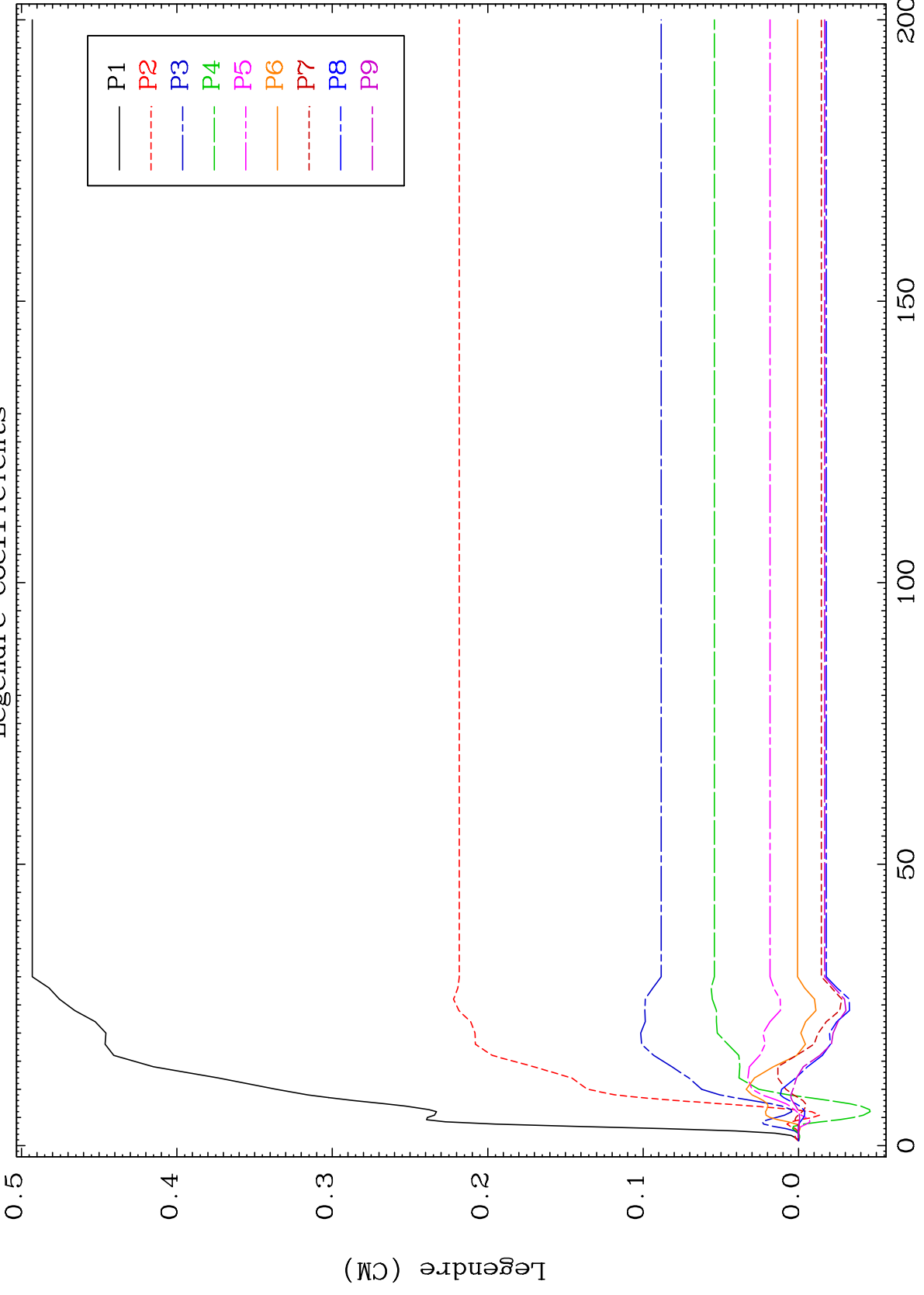


83

Incident Energy (MeV)

75-Re-179

MAT 7507 MT= 67 (n,n') Level Legendre Coefficients 75-Re-179

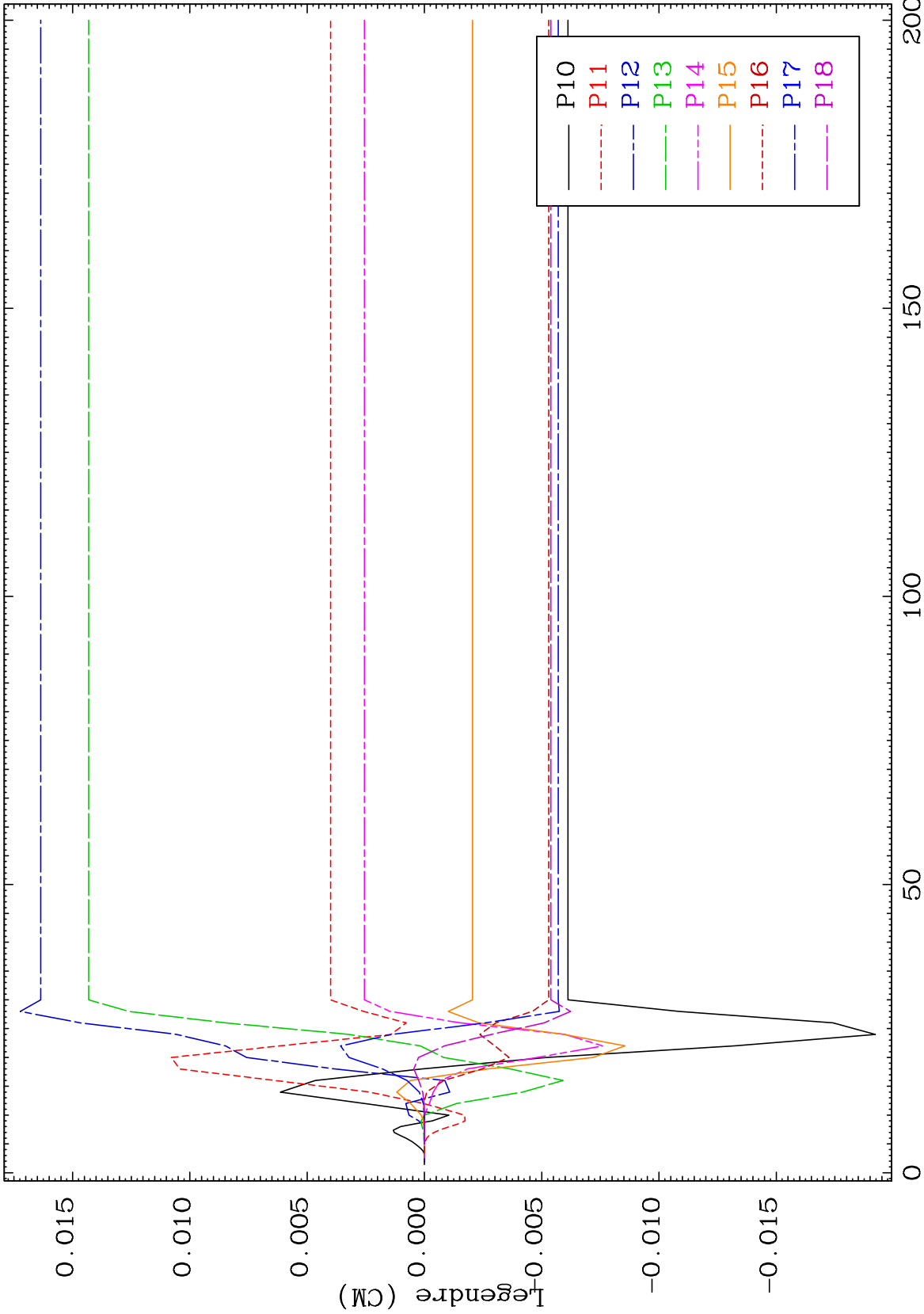


84 75-Re-179

MAT 7507

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

75-Re-179



85

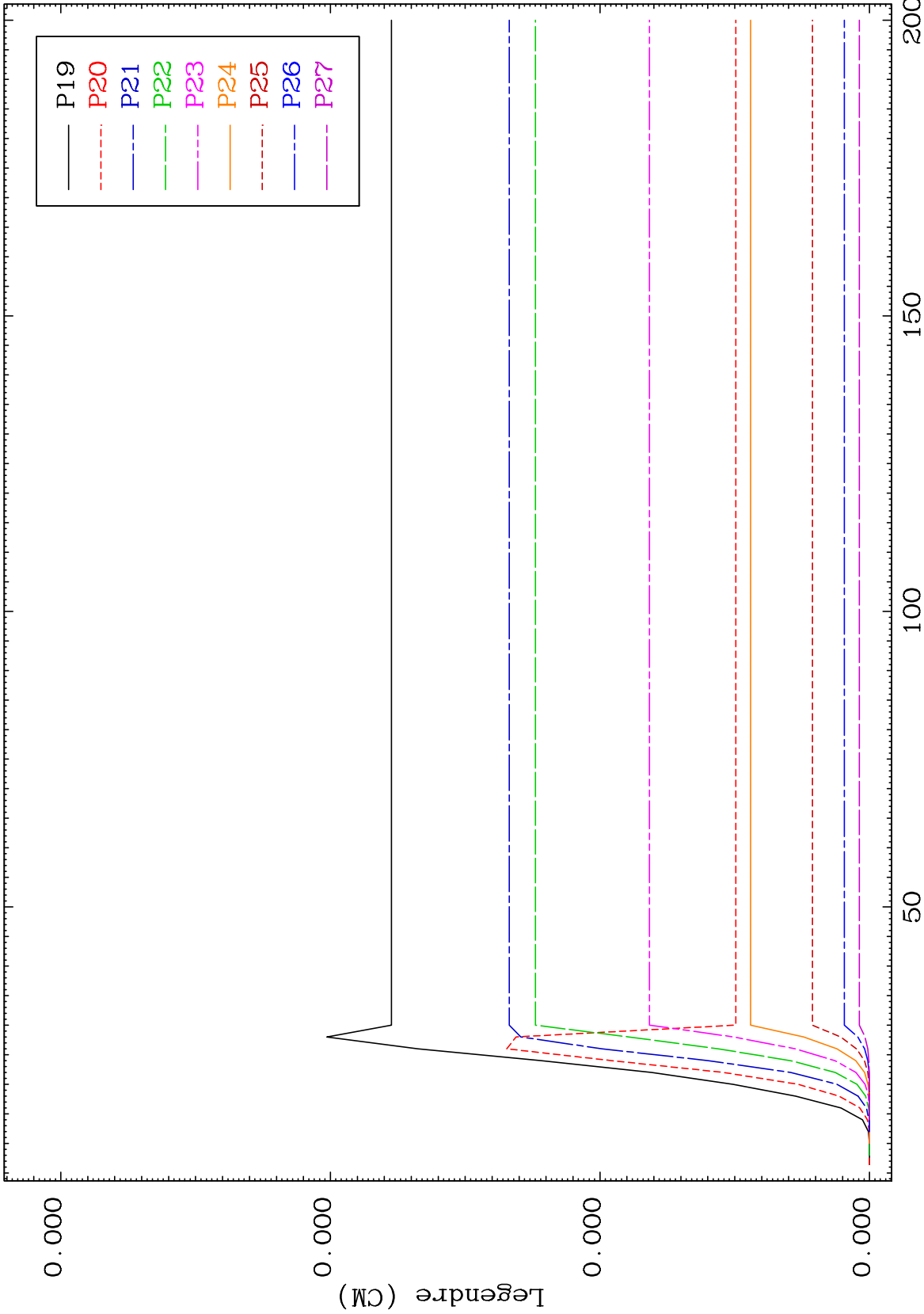
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



86

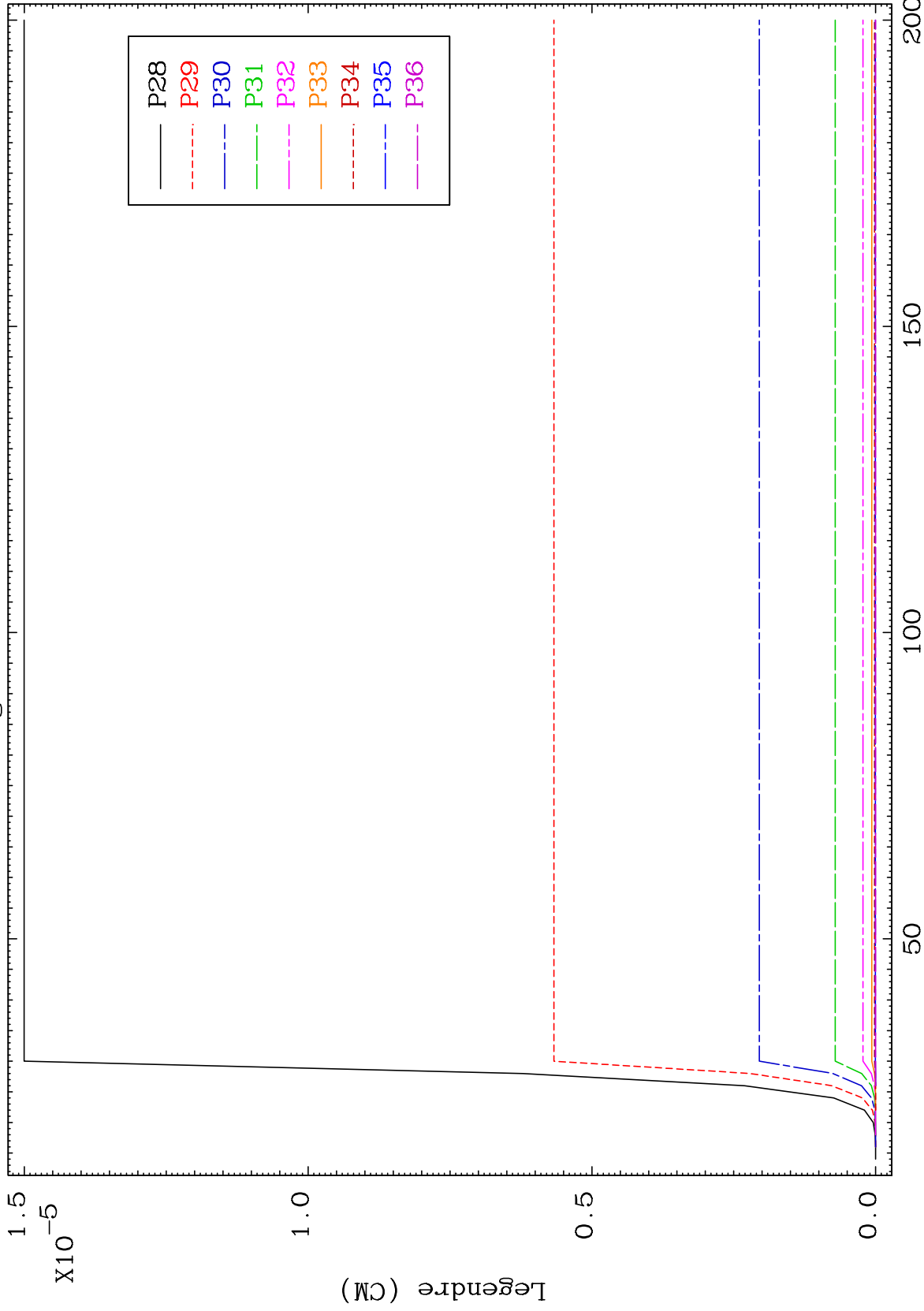
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



87

Incident Energy (MeV)

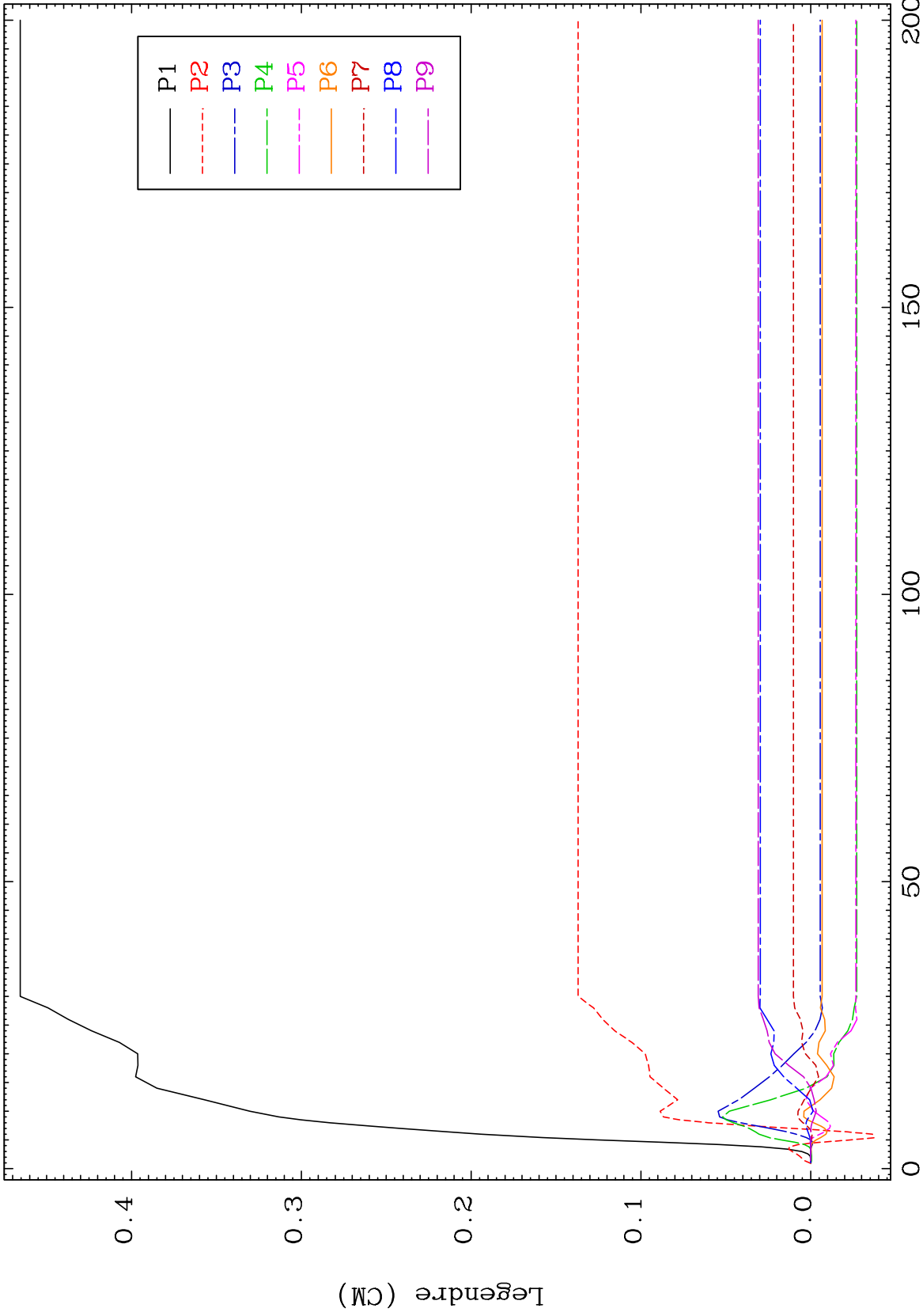
75-Re-179



MAT 7507

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

75-Re-179



88

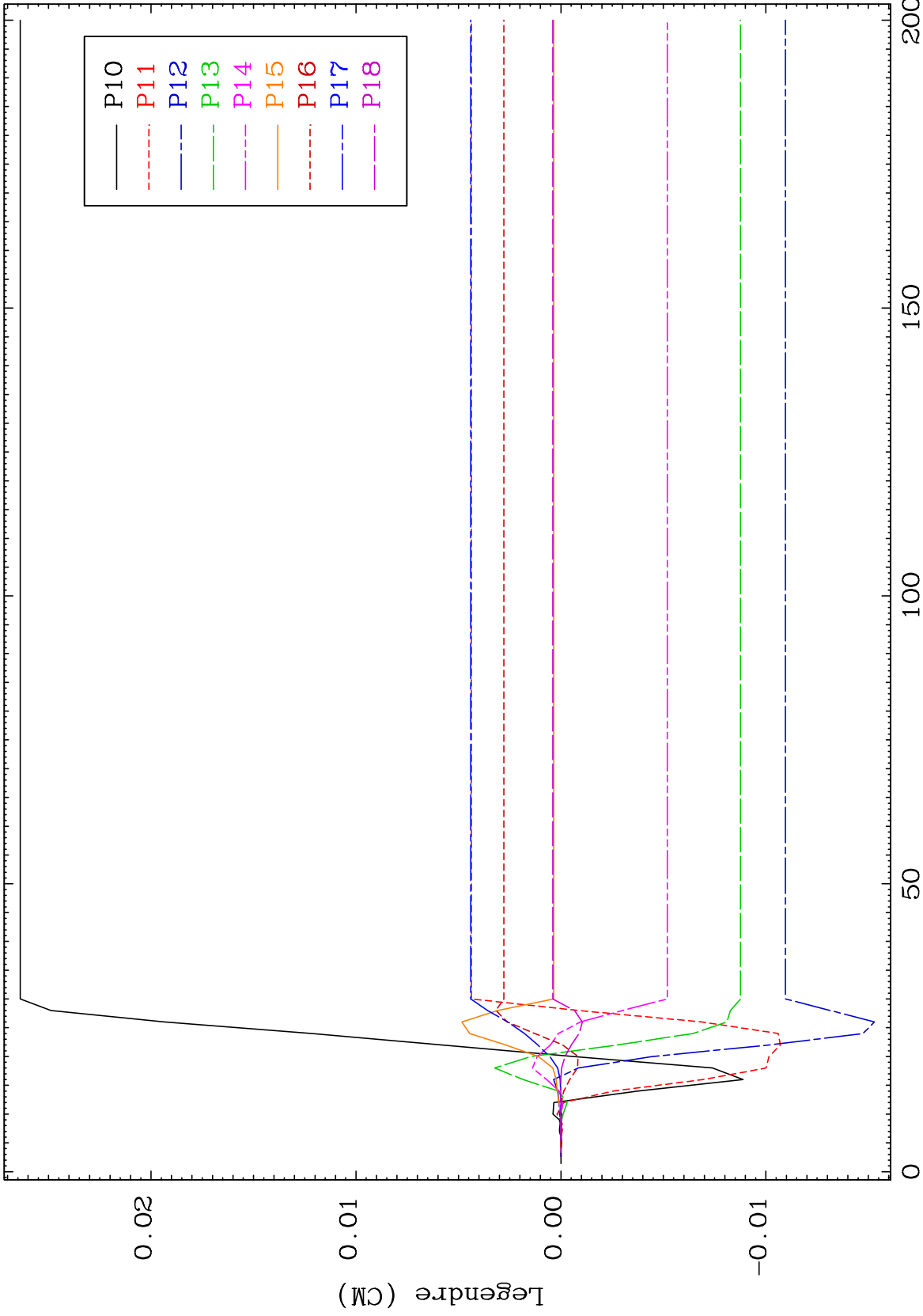
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



89

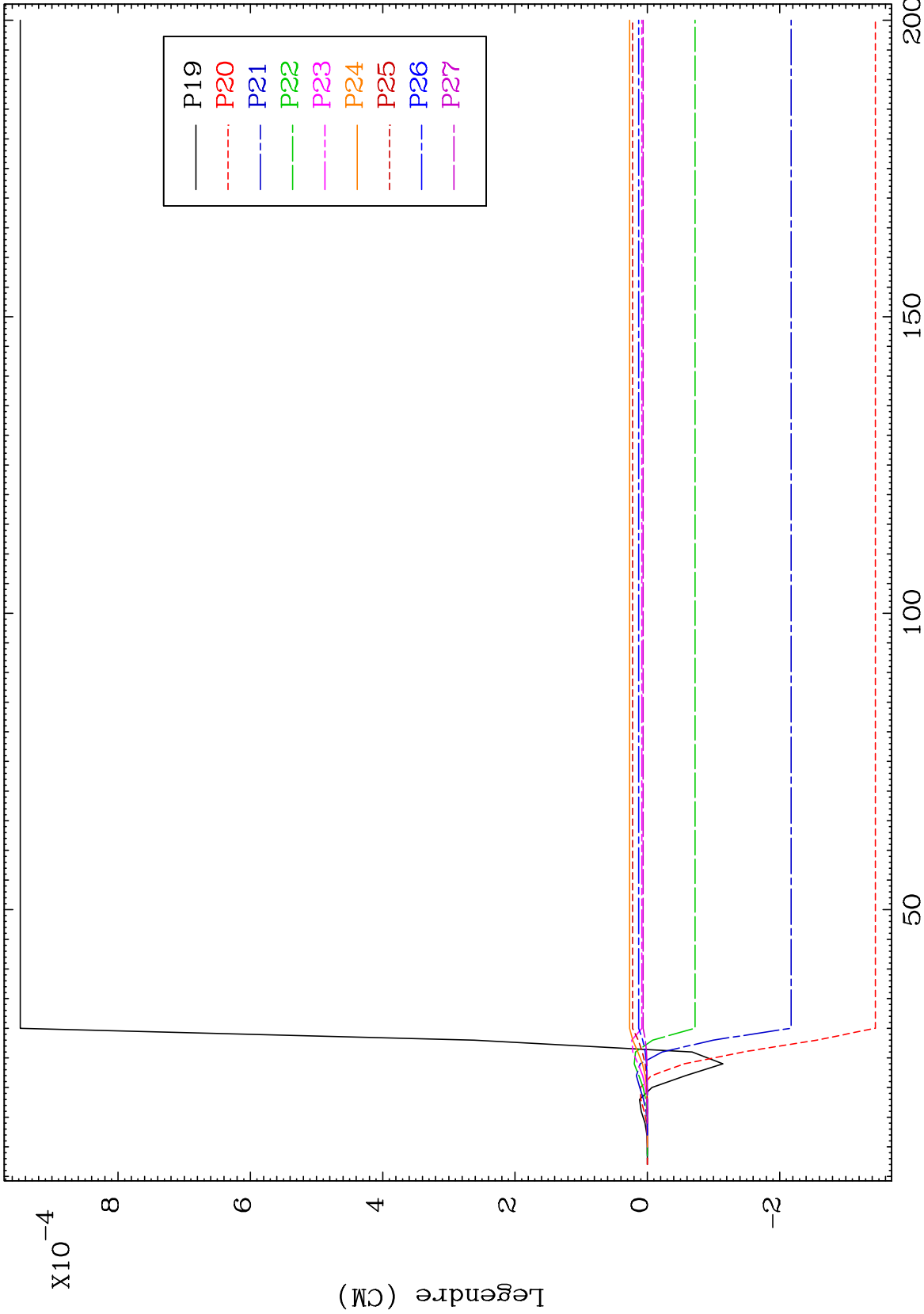
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



90

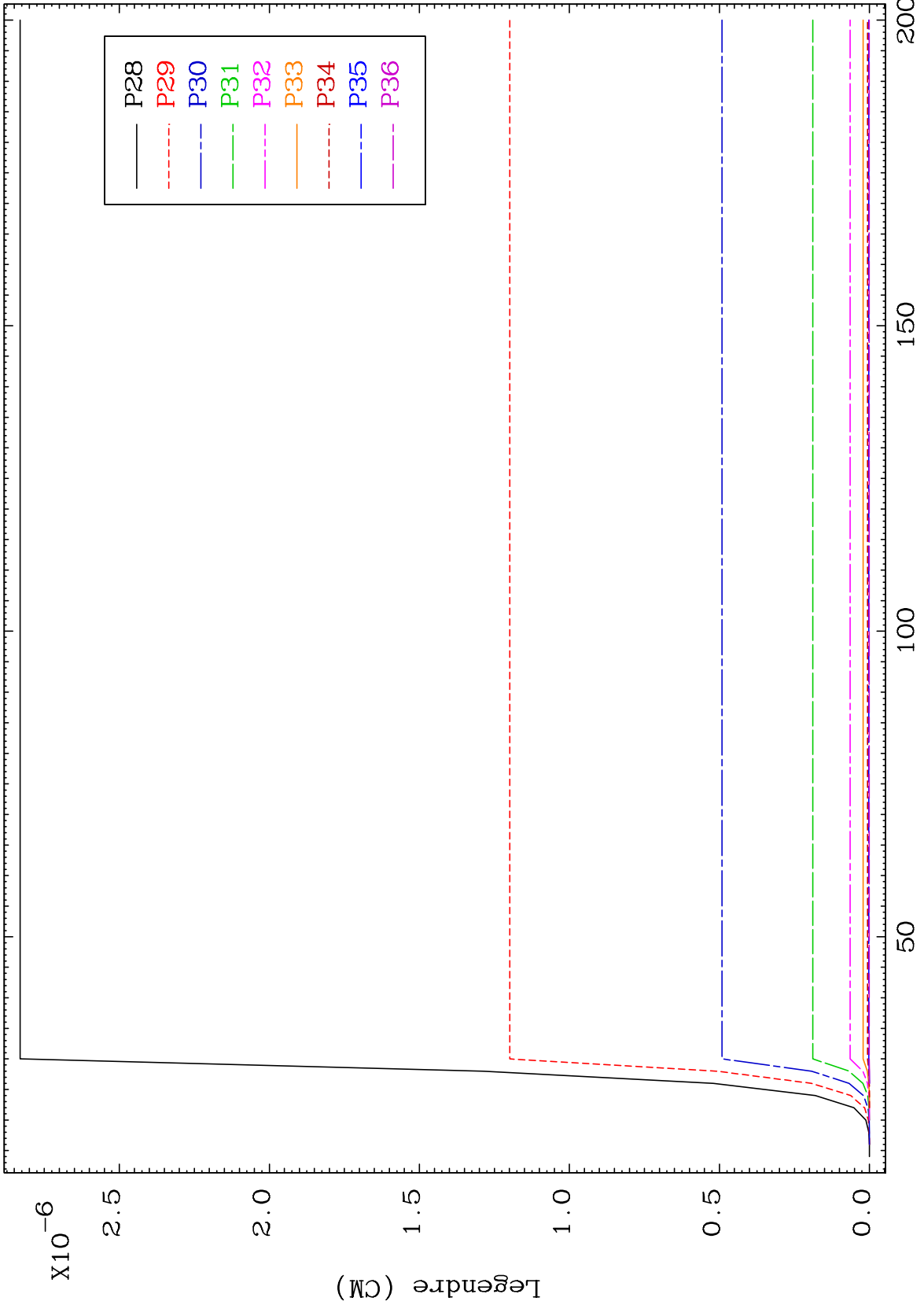
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



91

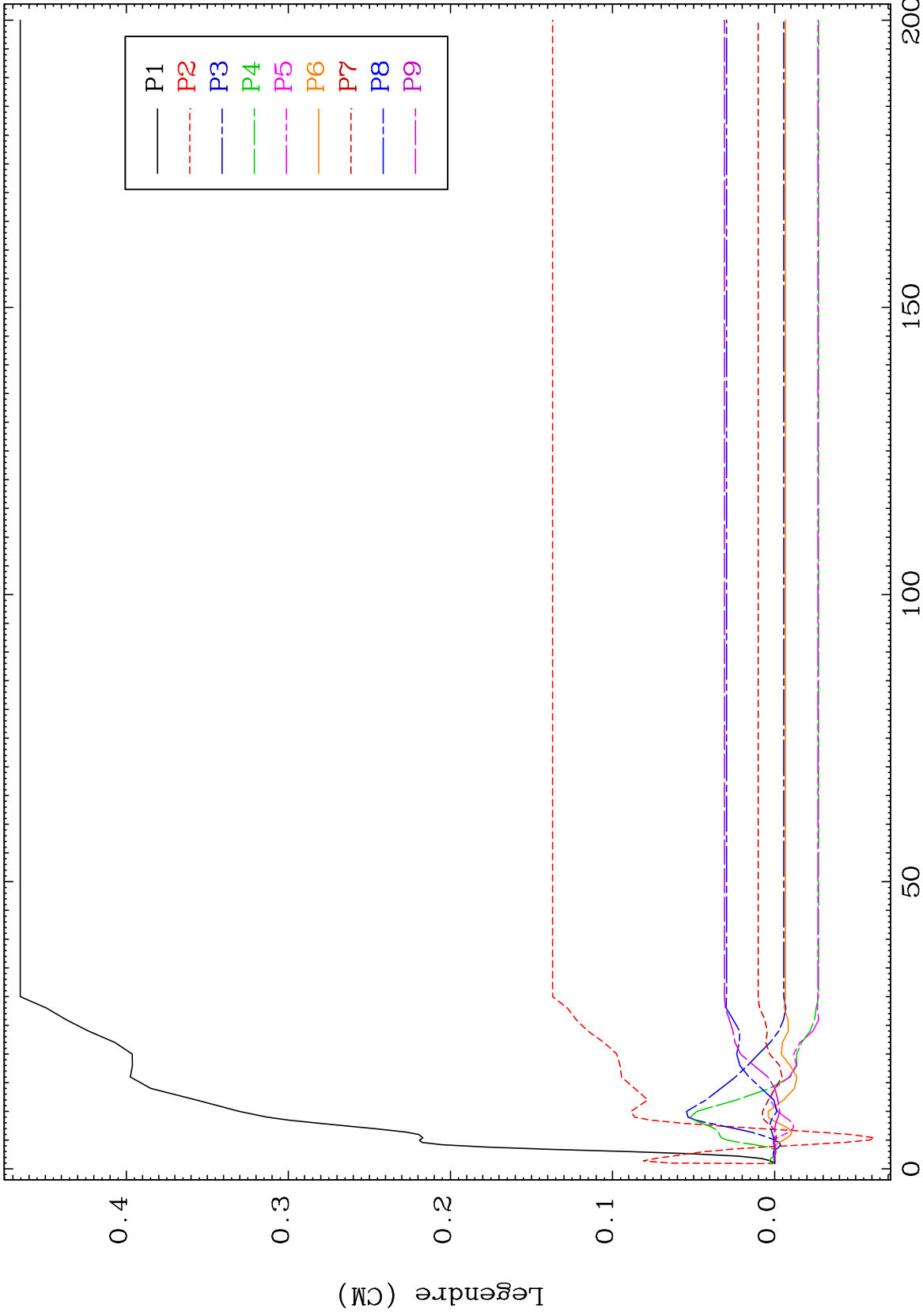
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



92

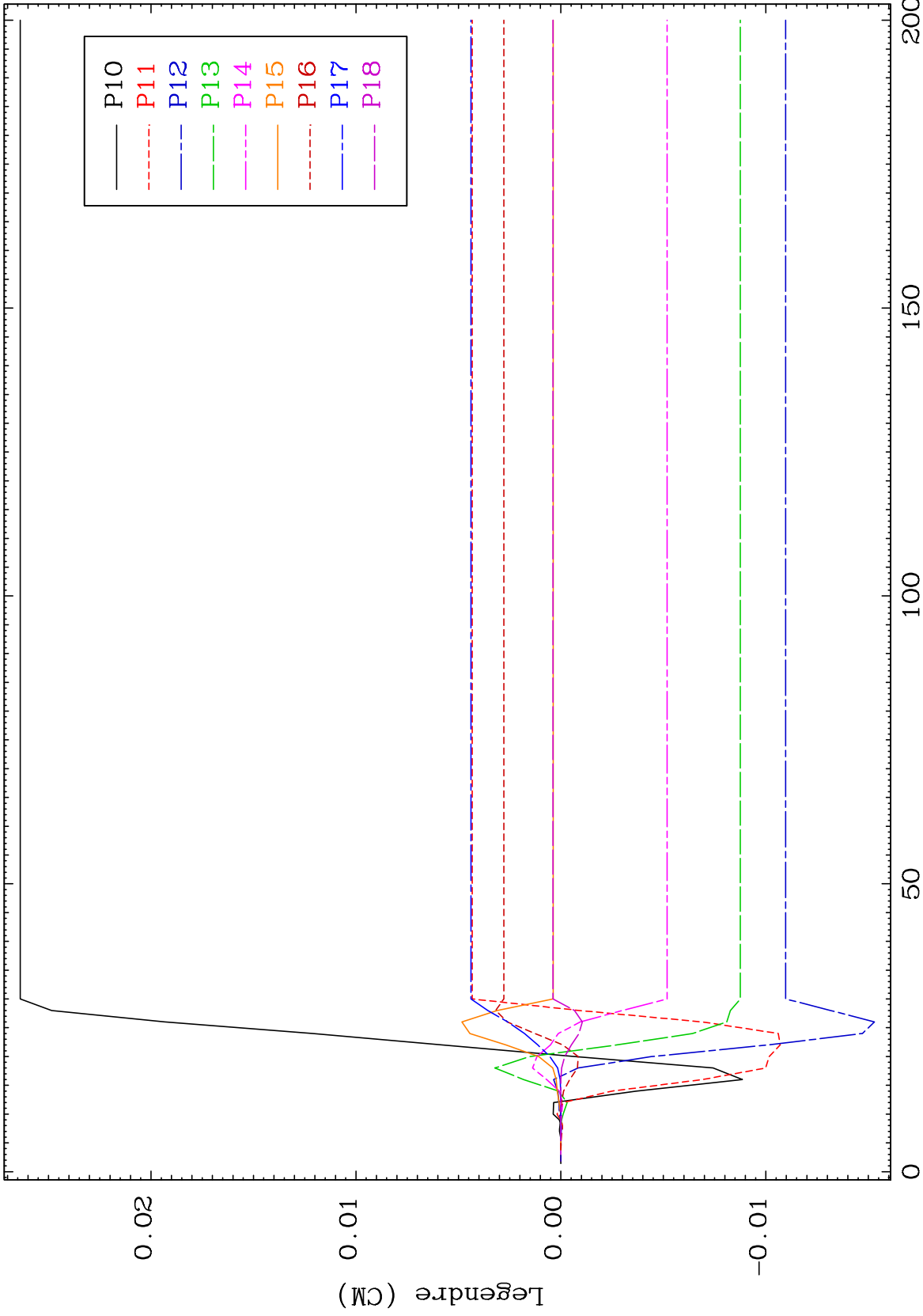
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



93

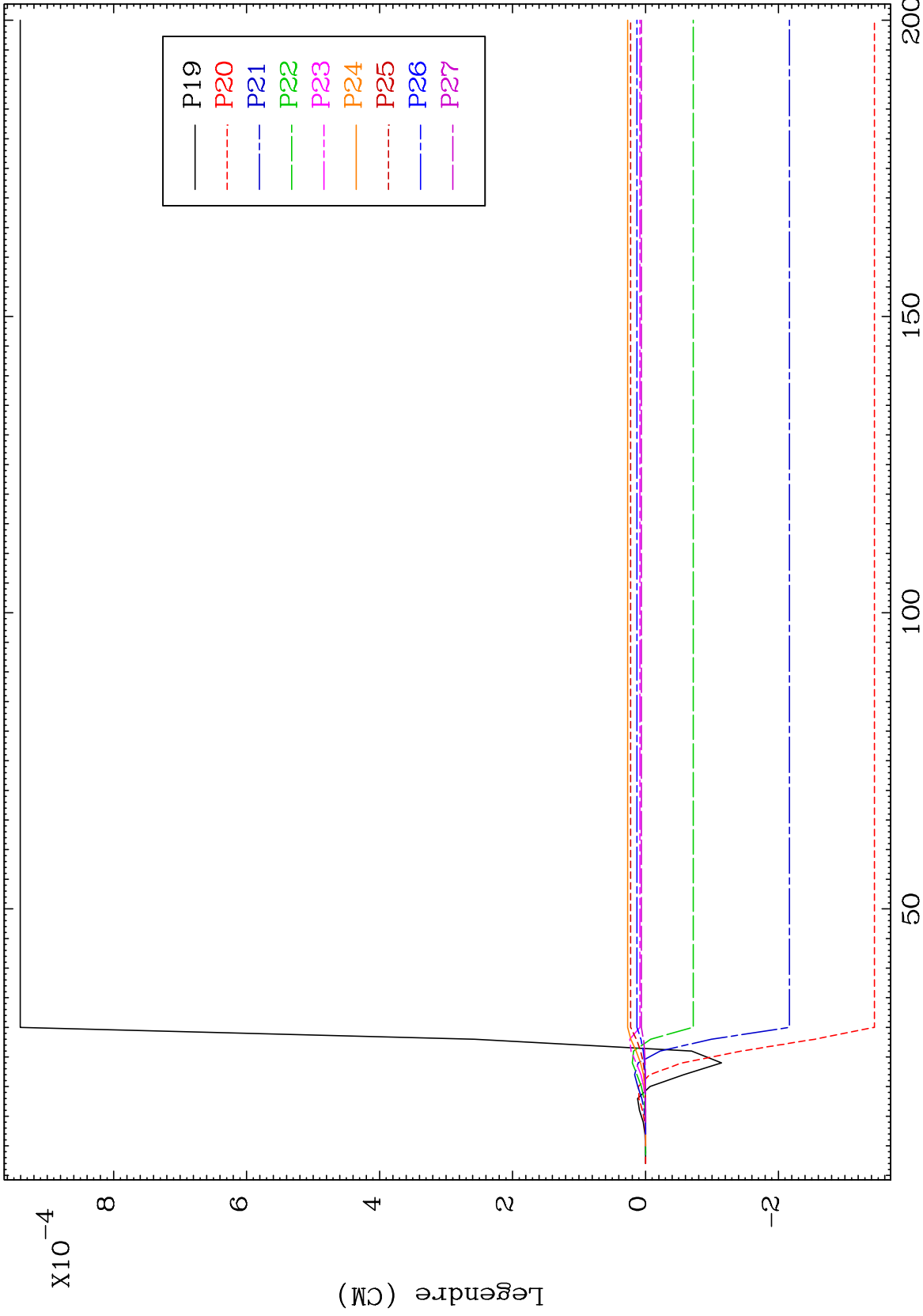
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



94

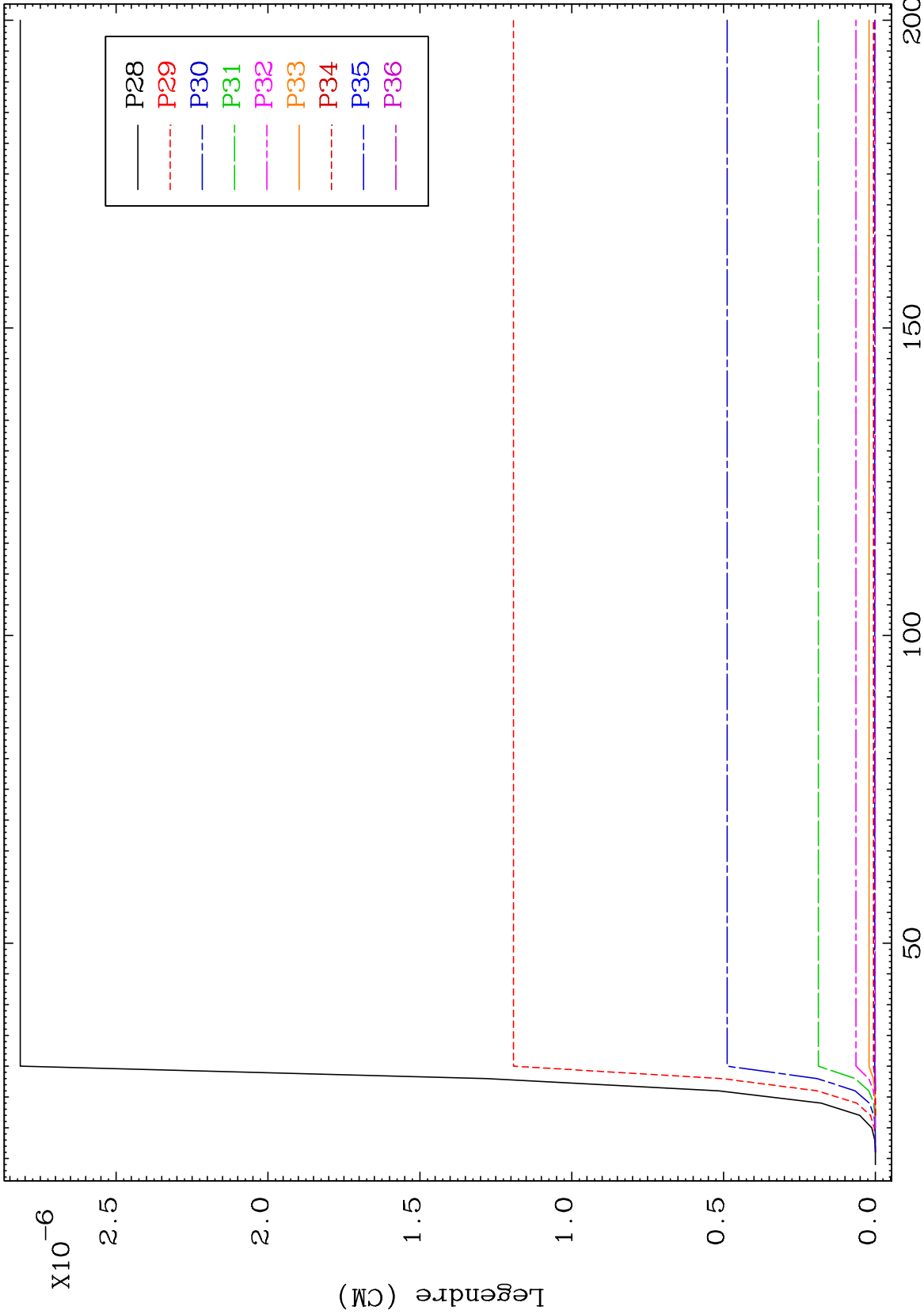
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



95

Incident Energy (MeV)

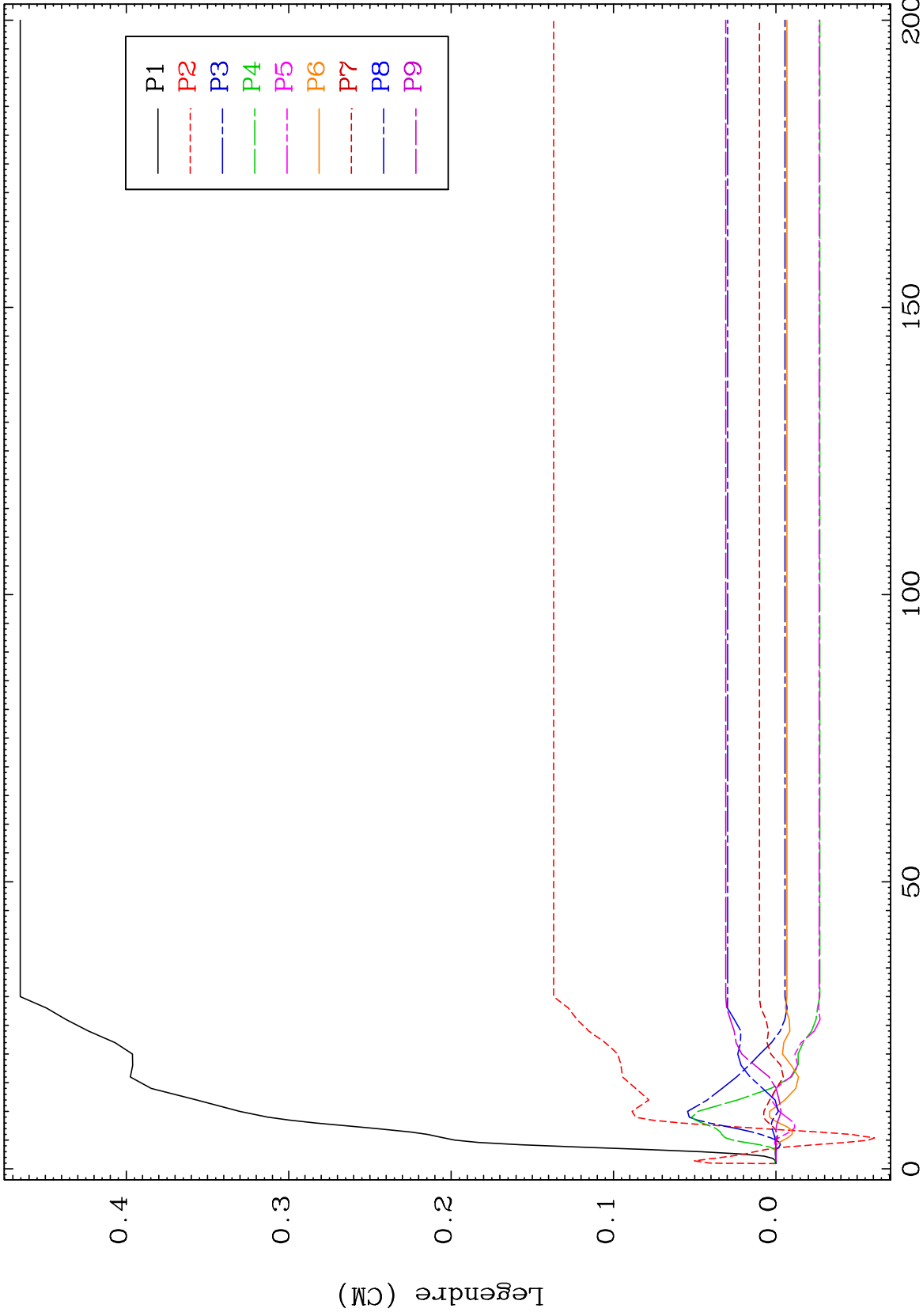
75-Re-179



MAT 7507

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

75-Re-179



96

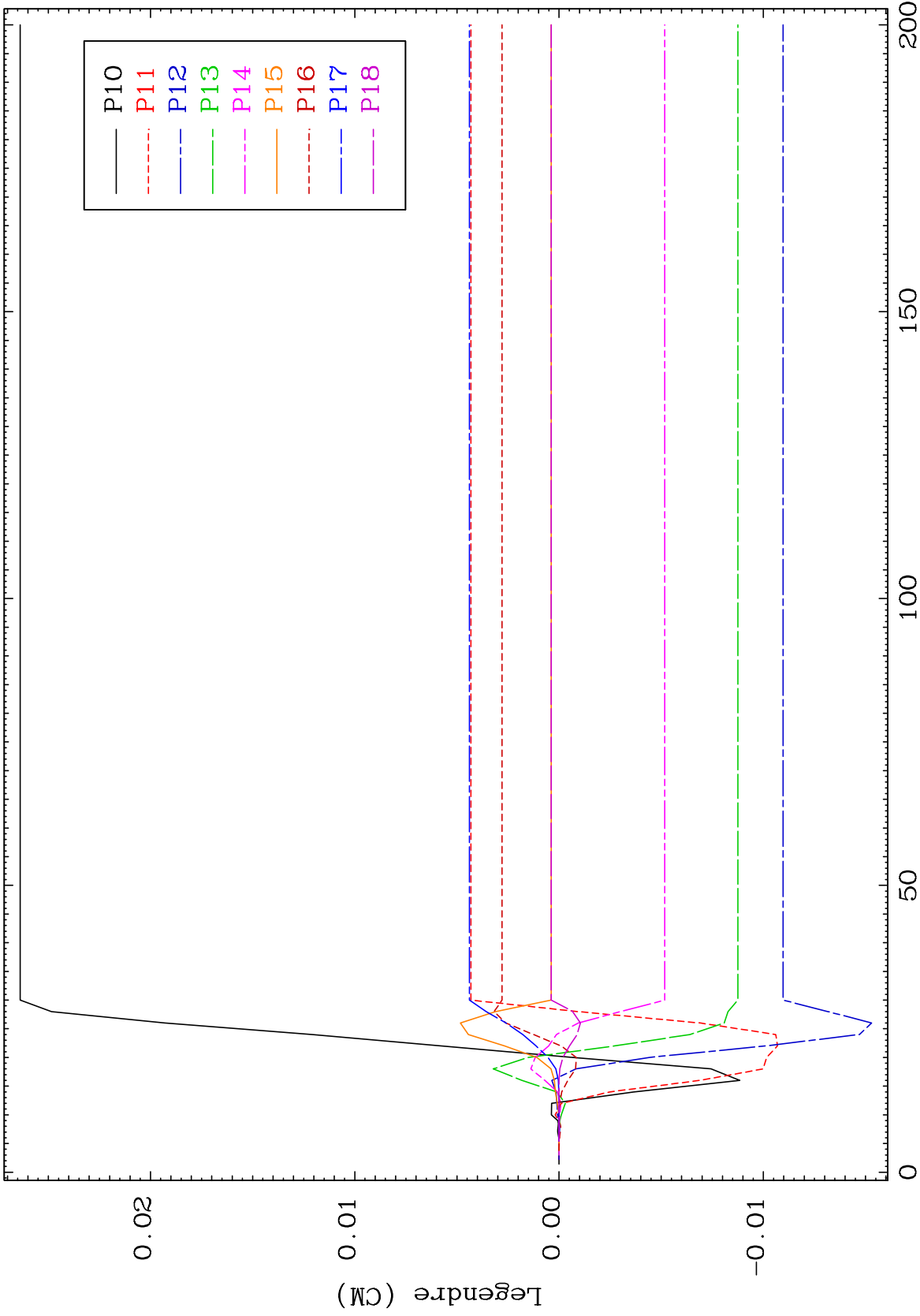
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



97

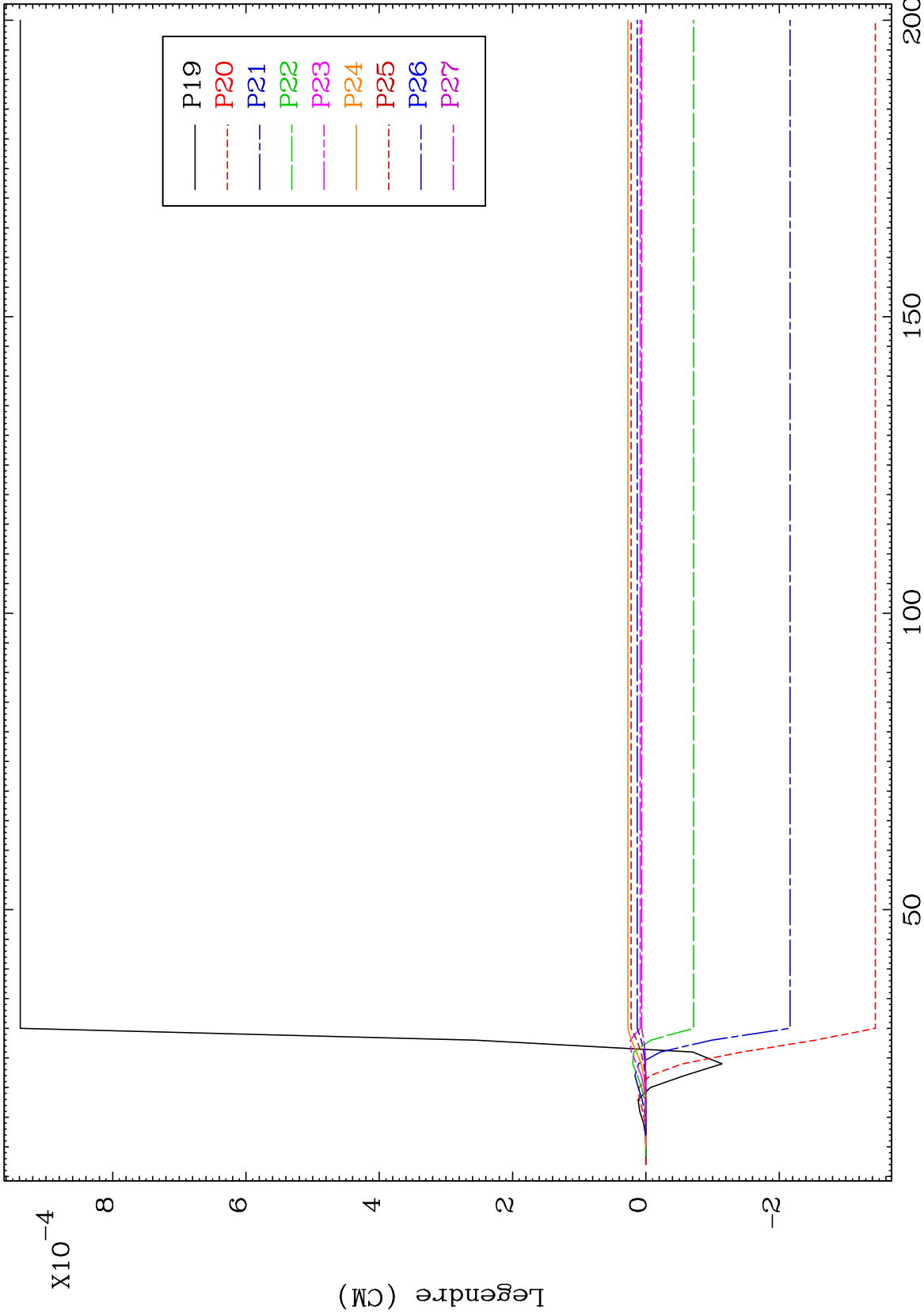
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



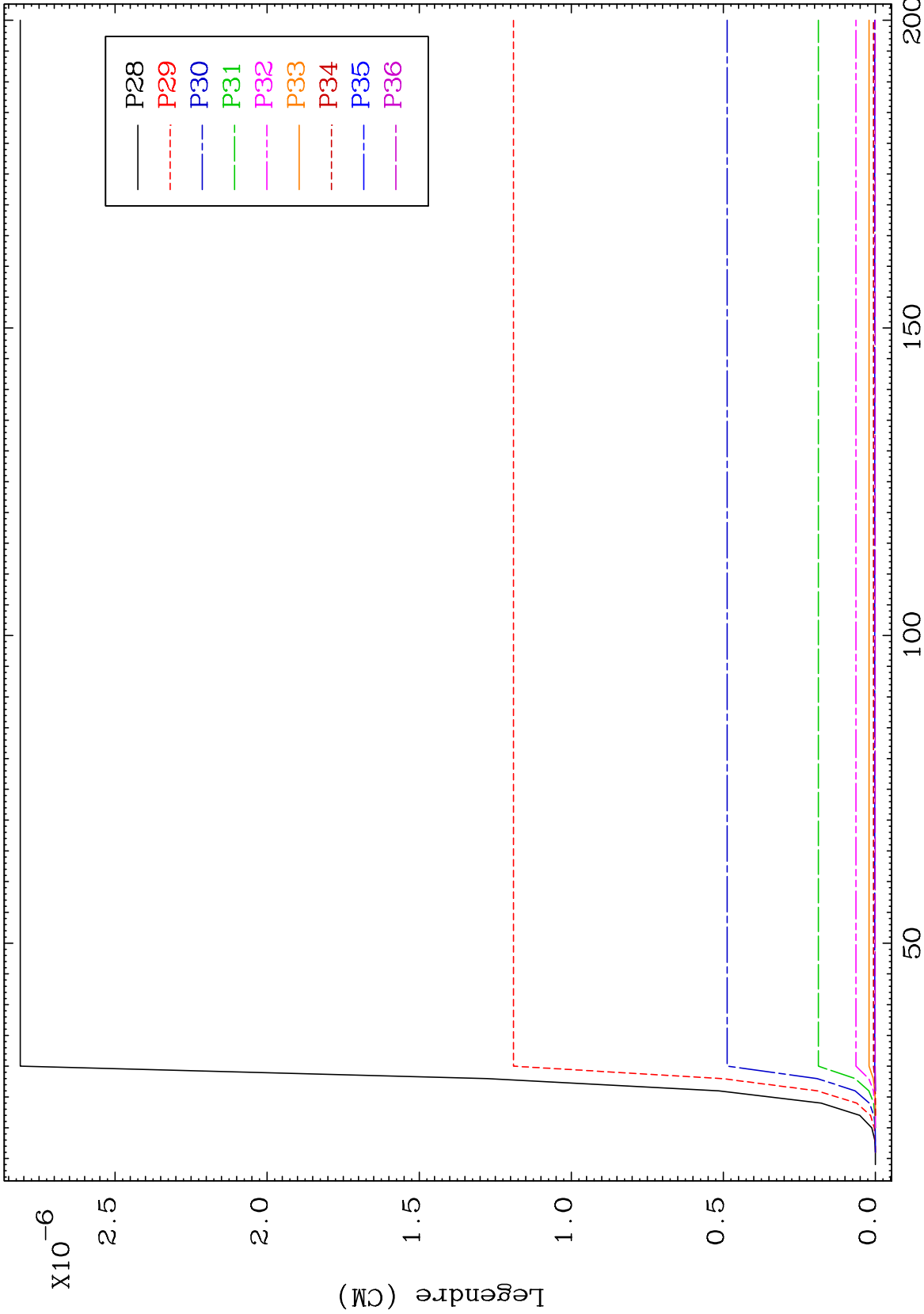
98

75-Re-179

MAT 7507

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

75-Re-179



99

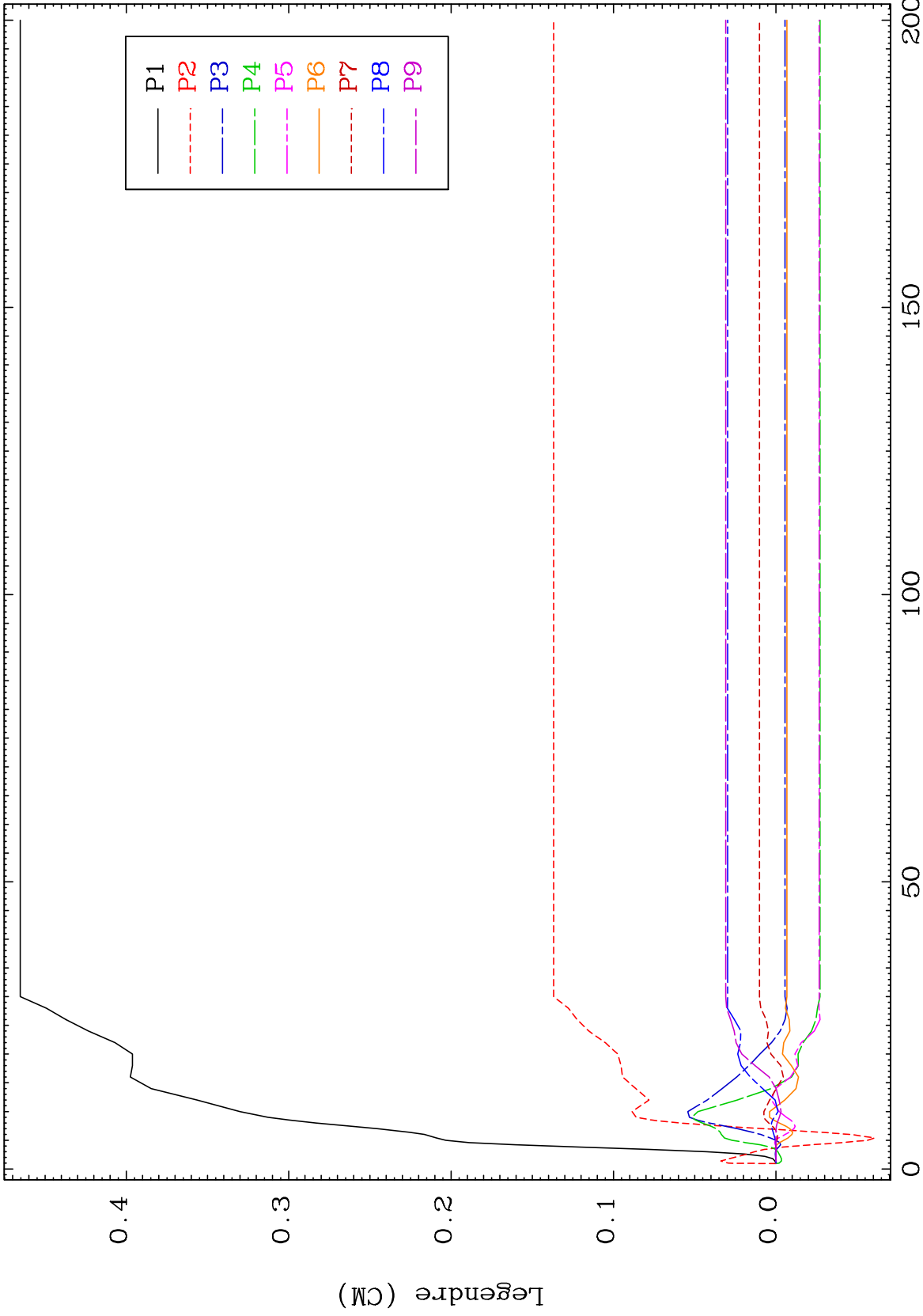
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



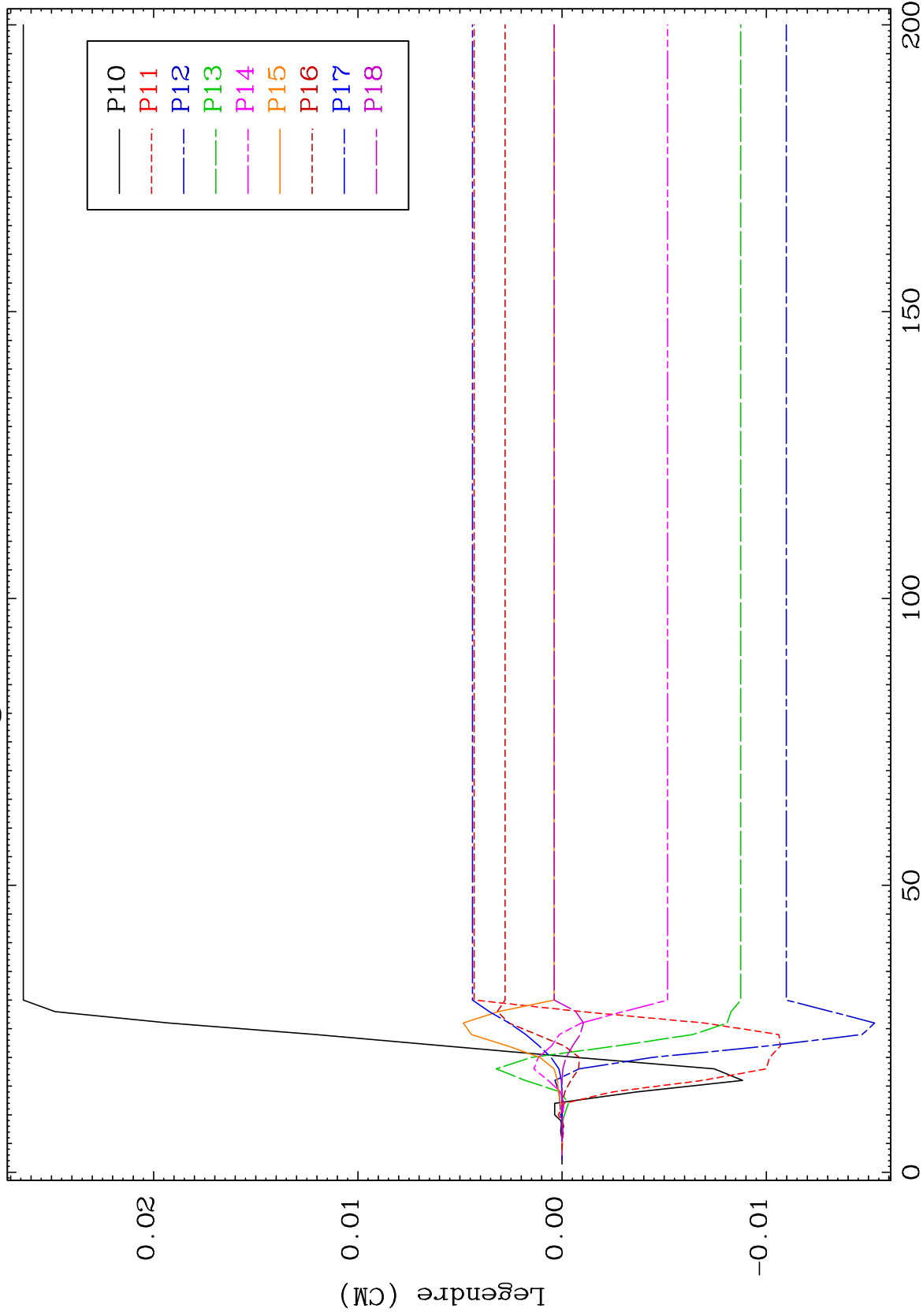
75-Re-179

Incident Energy (MeV)

MAT 7507

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

75-Re-179



101

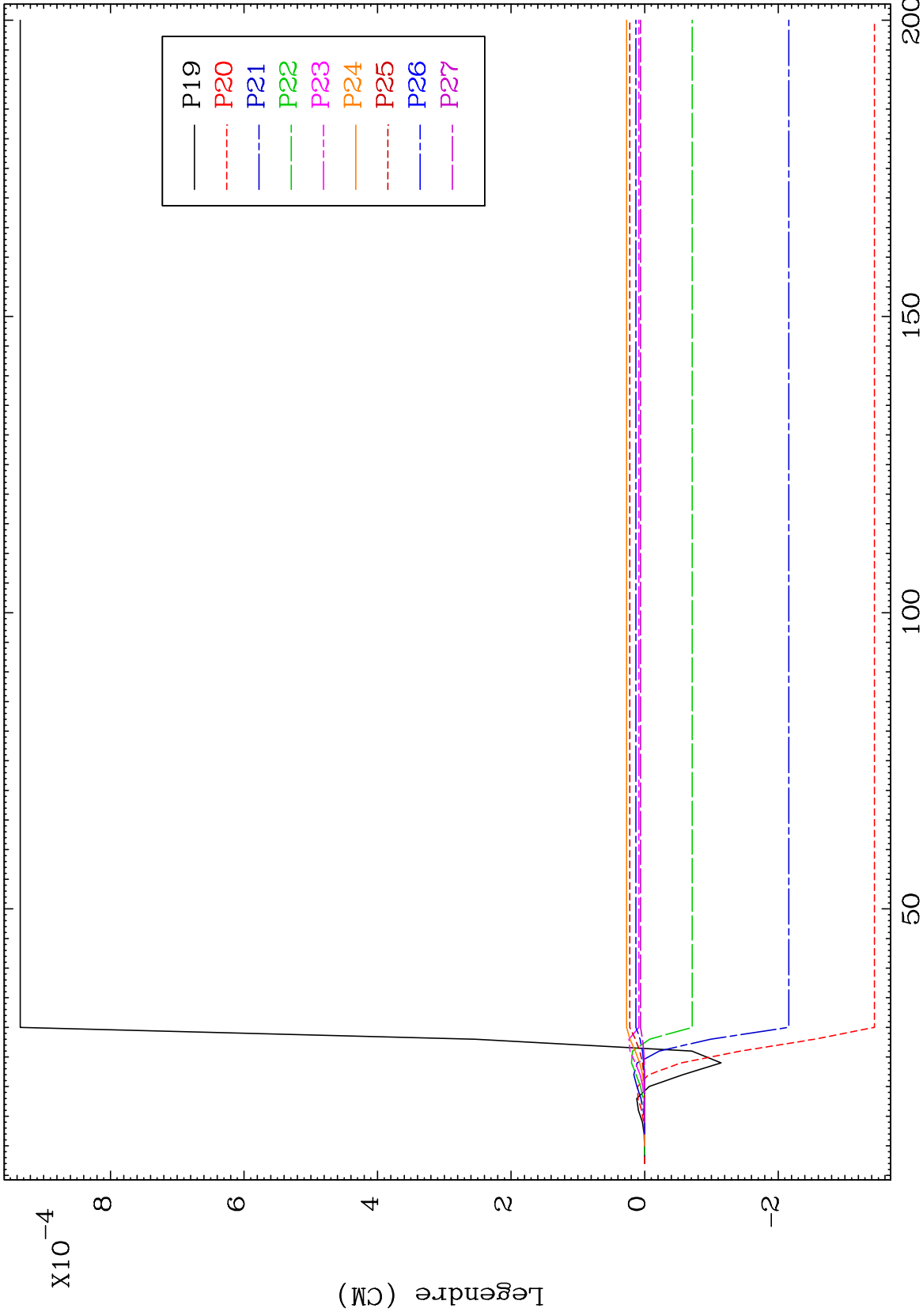
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



102

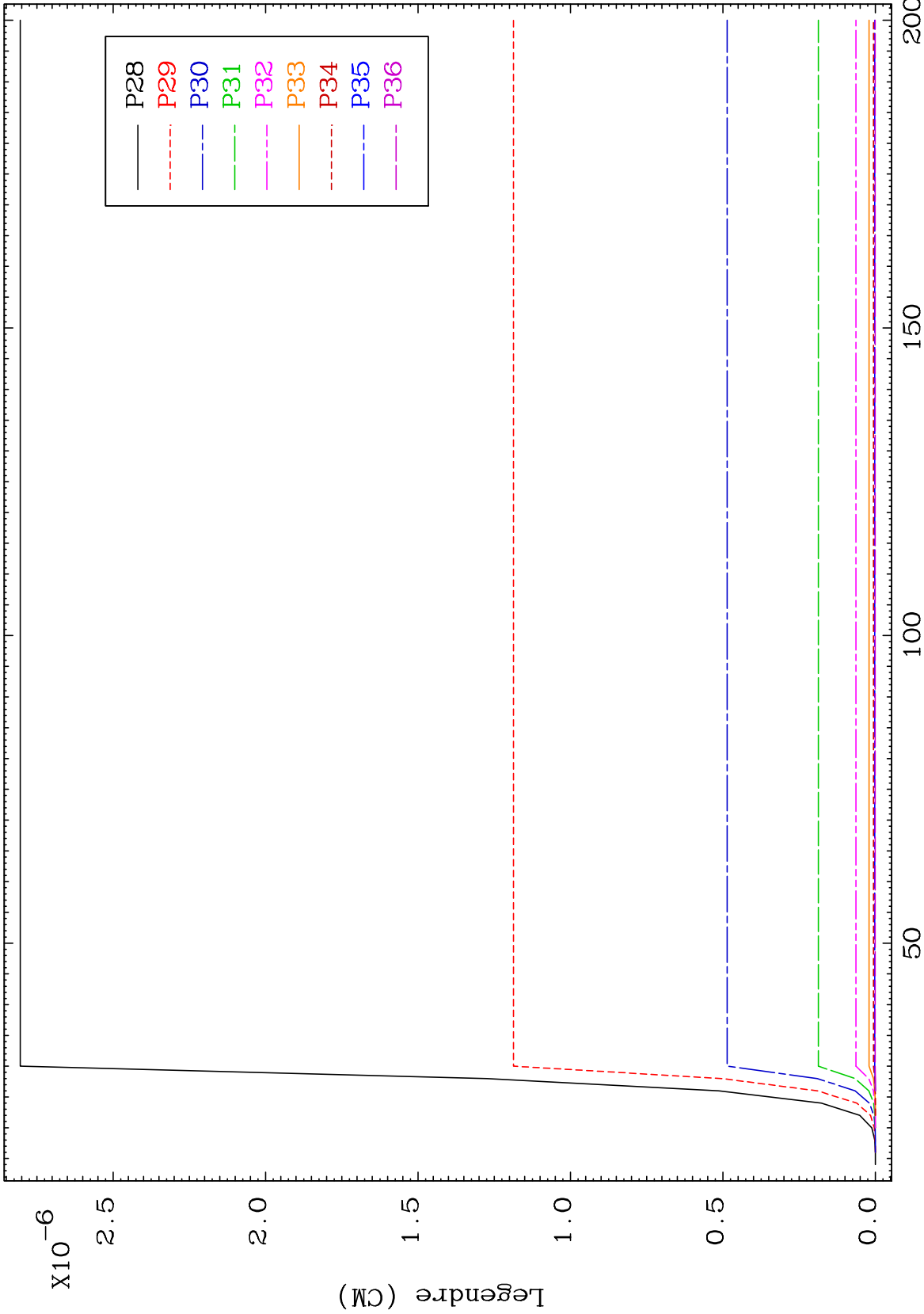
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



103

Incident Energy (MeV)

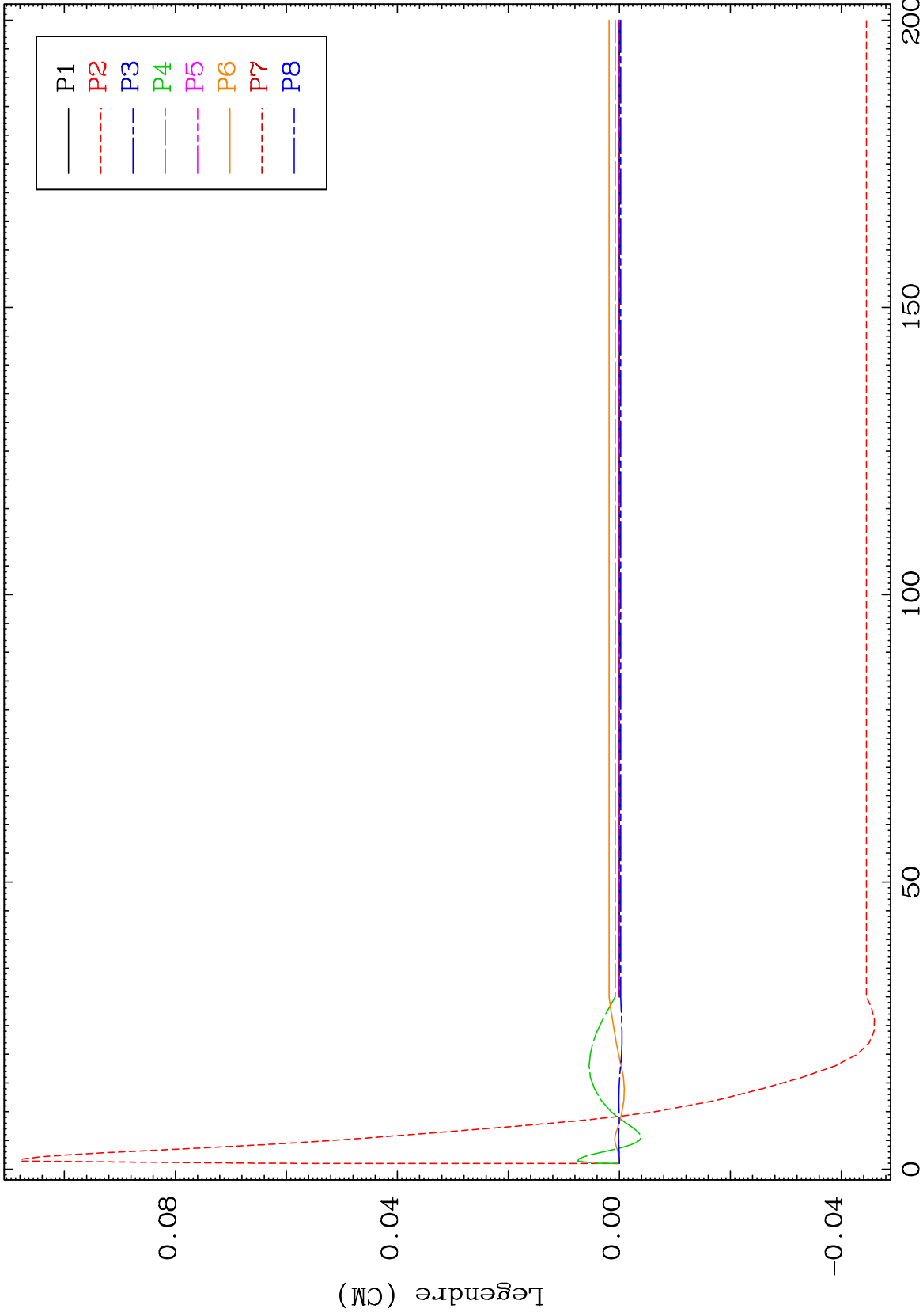
75-Re-179



MAT 7507

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

75-Re-179



75-Re-179

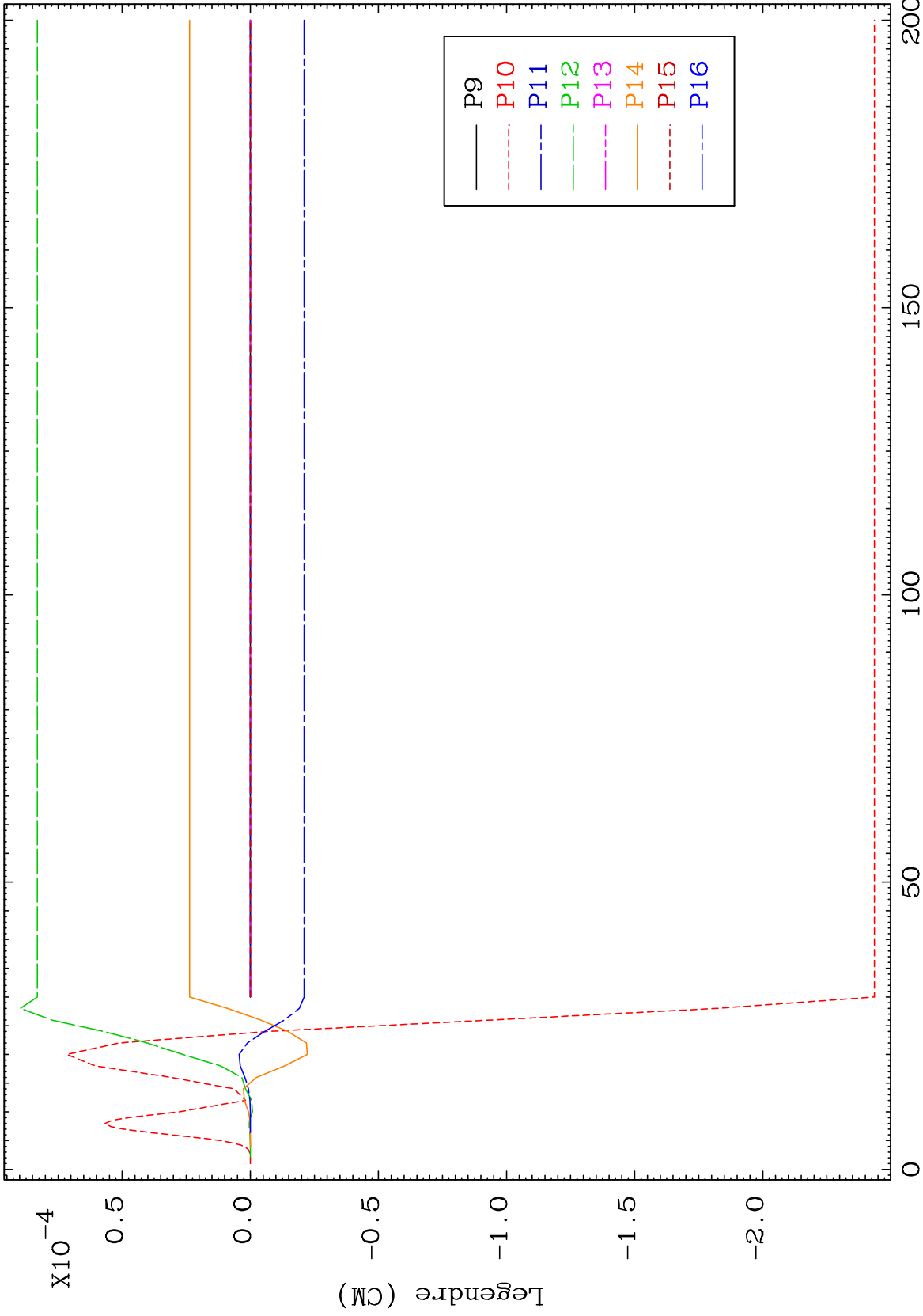
Incident Energy (MeV)

104

MAT 7507

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

75-Re-179

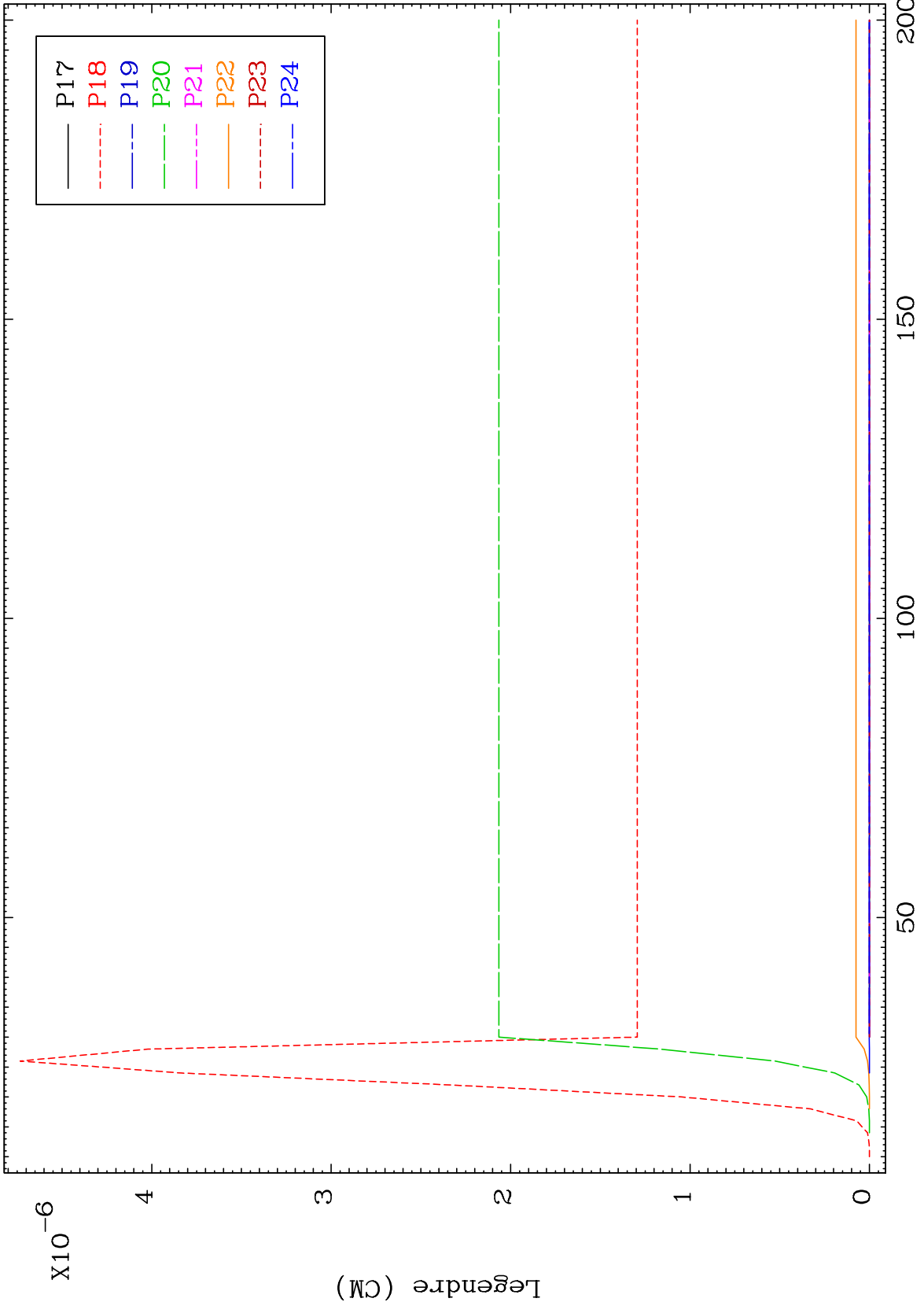


105

Incident Energy (MeV)

75-Re-179

MAT 7507 MT= 72 (n,n') Level Legendre Coefficients 75-Re-179

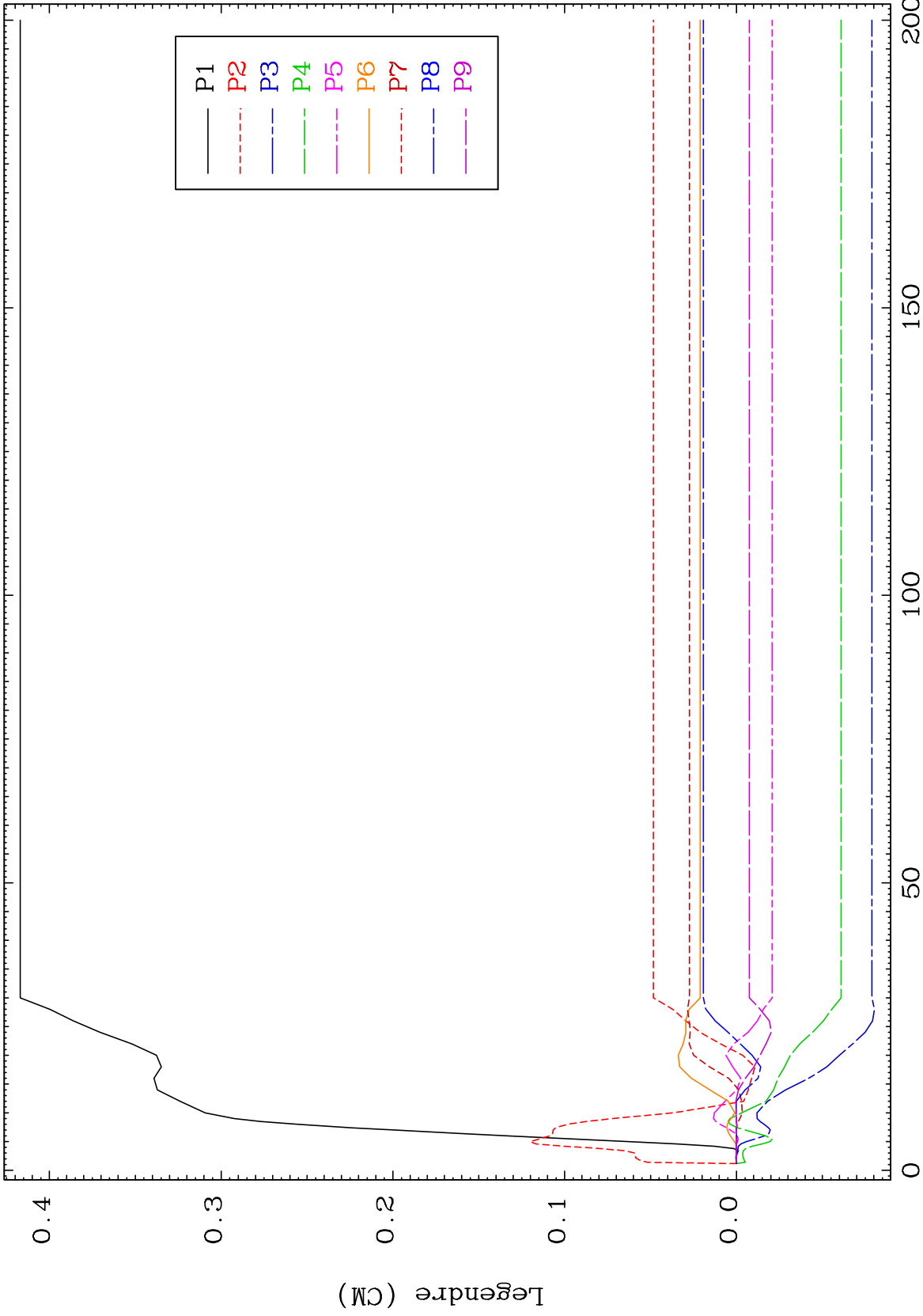


106 Incident Energy (MeV) 75-Re-179

MAT 7507

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

75-Re-179



107

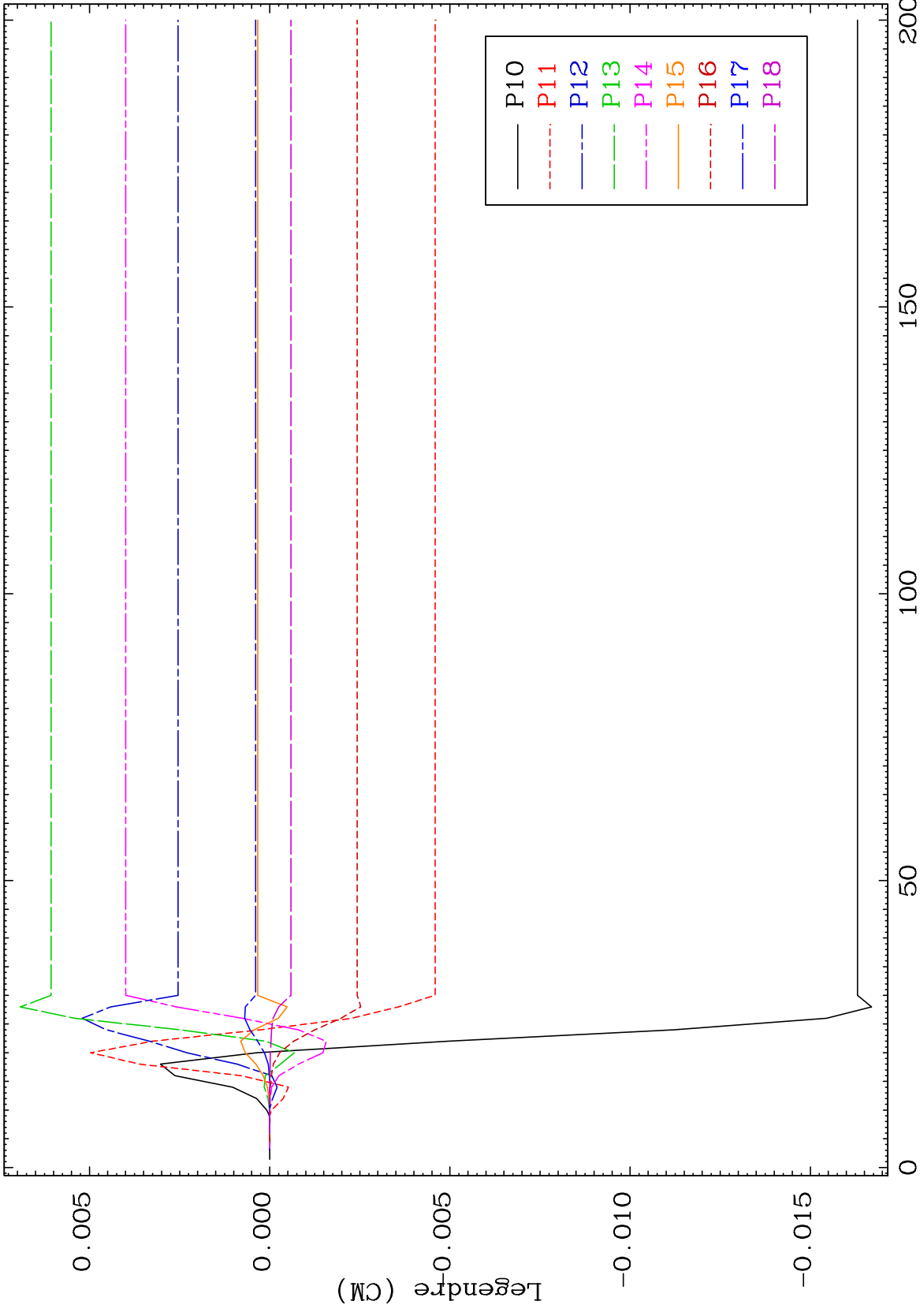
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



108

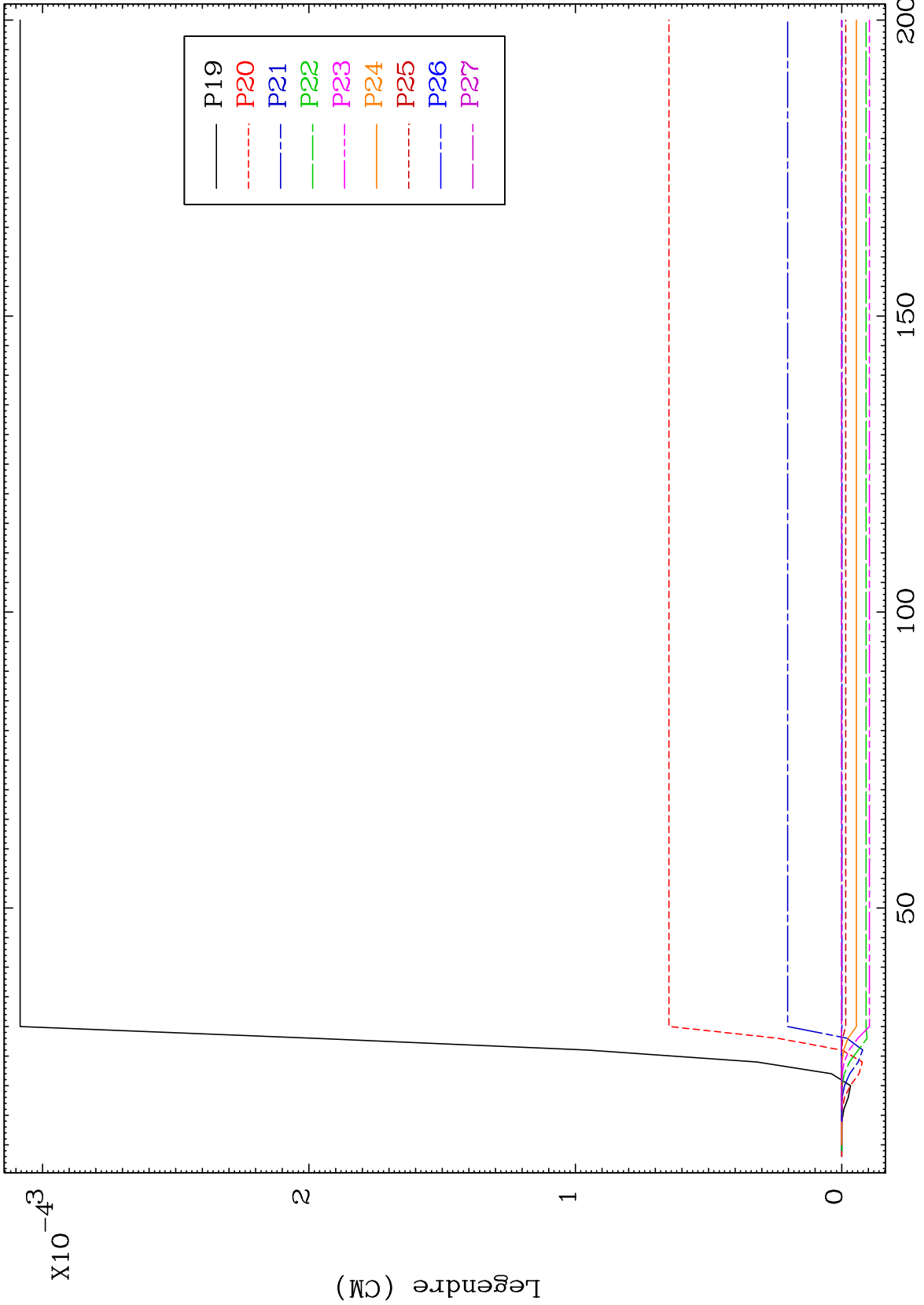
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



109

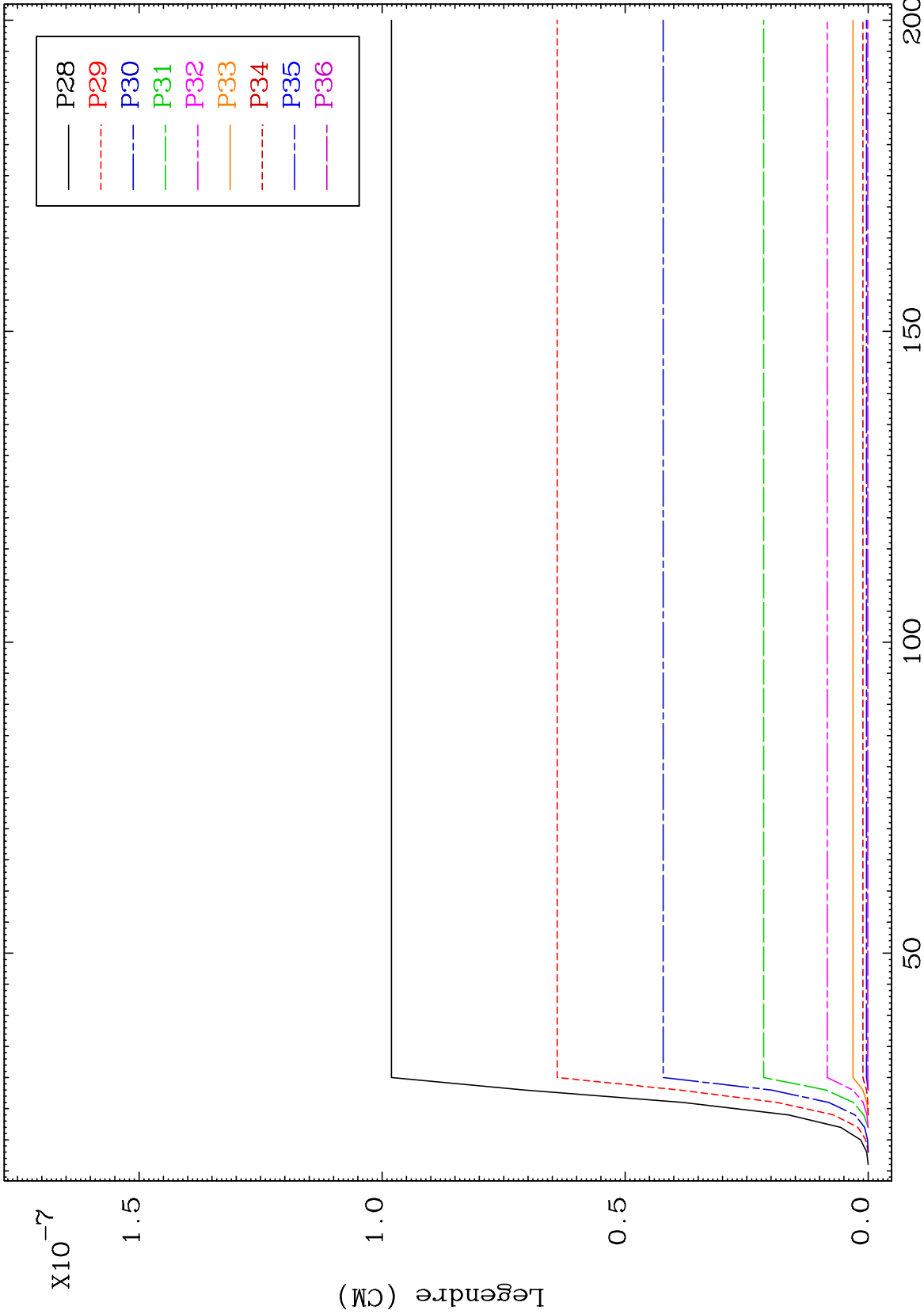
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



110

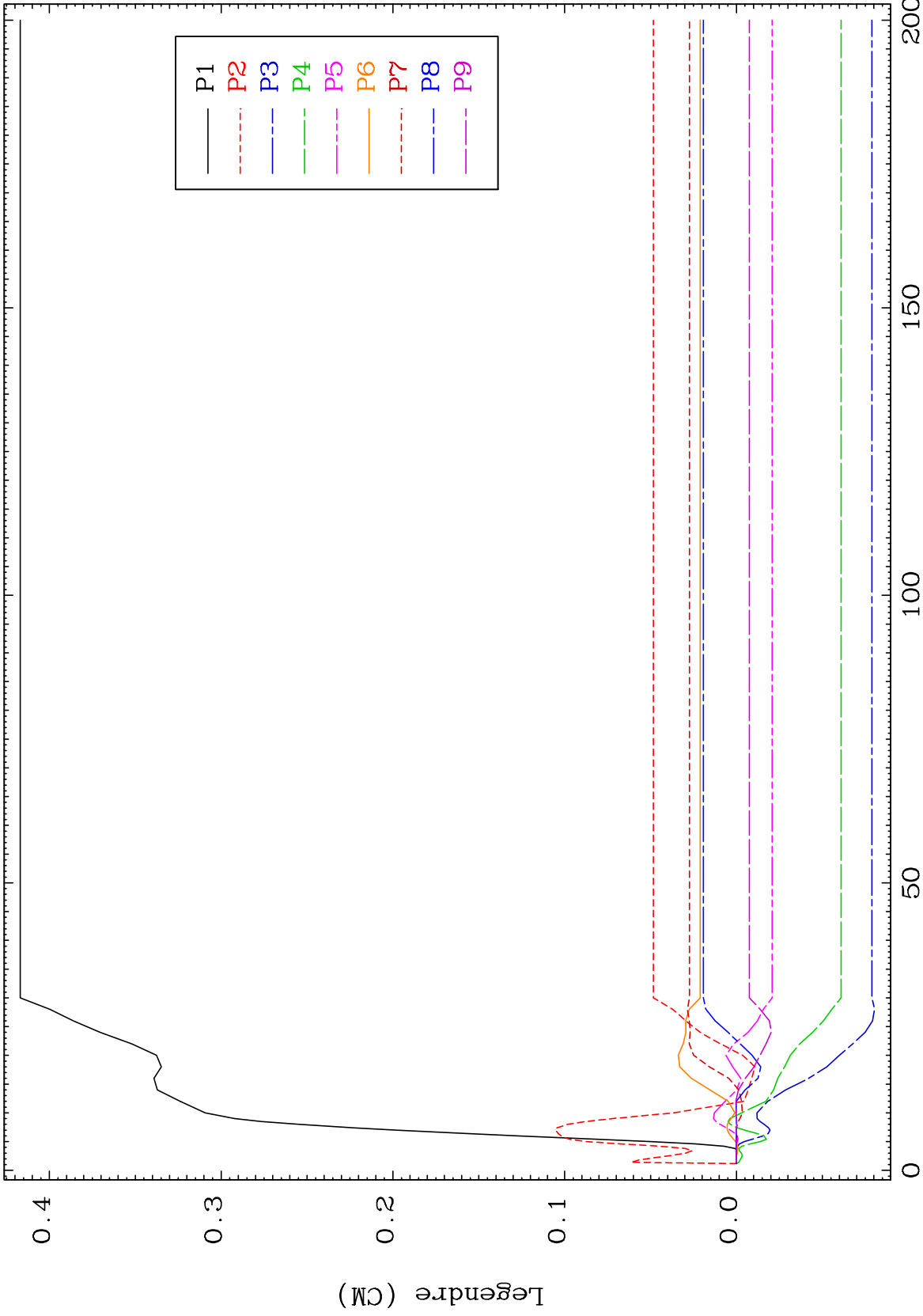
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



111

Incident Energy (MeV)

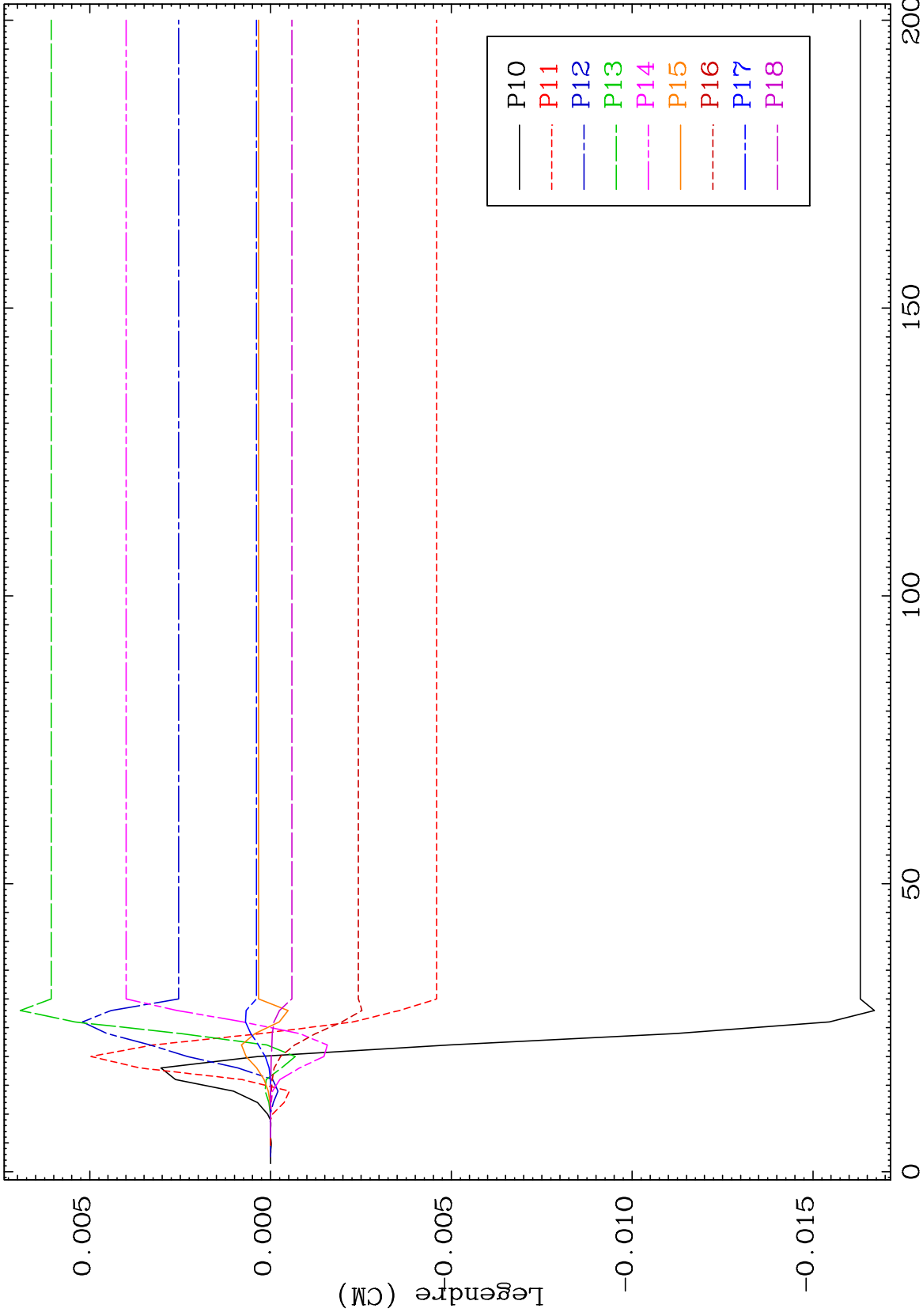
75-Re-179



MAT 7507

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

75-Re-179



112

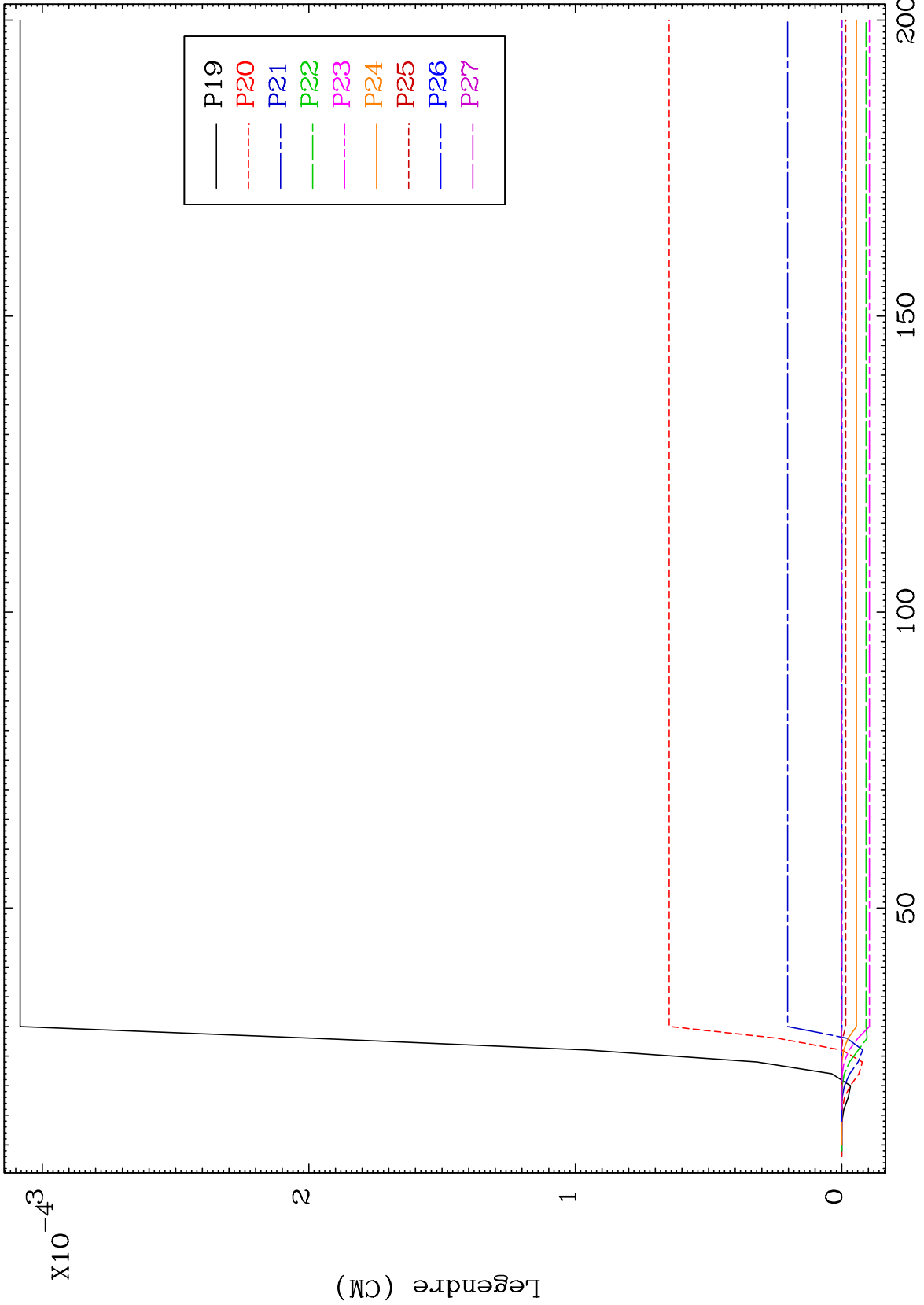
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



113

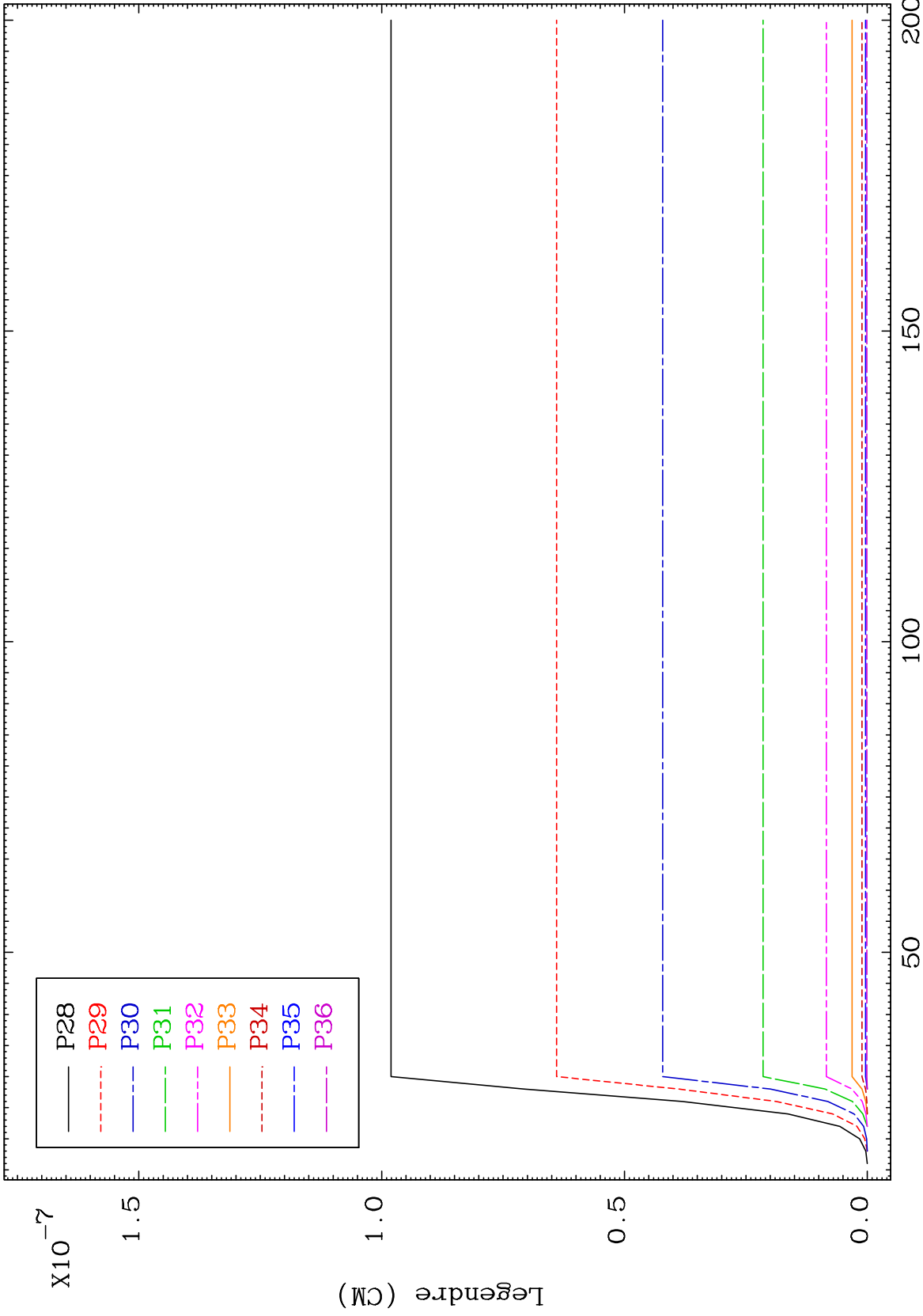
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179

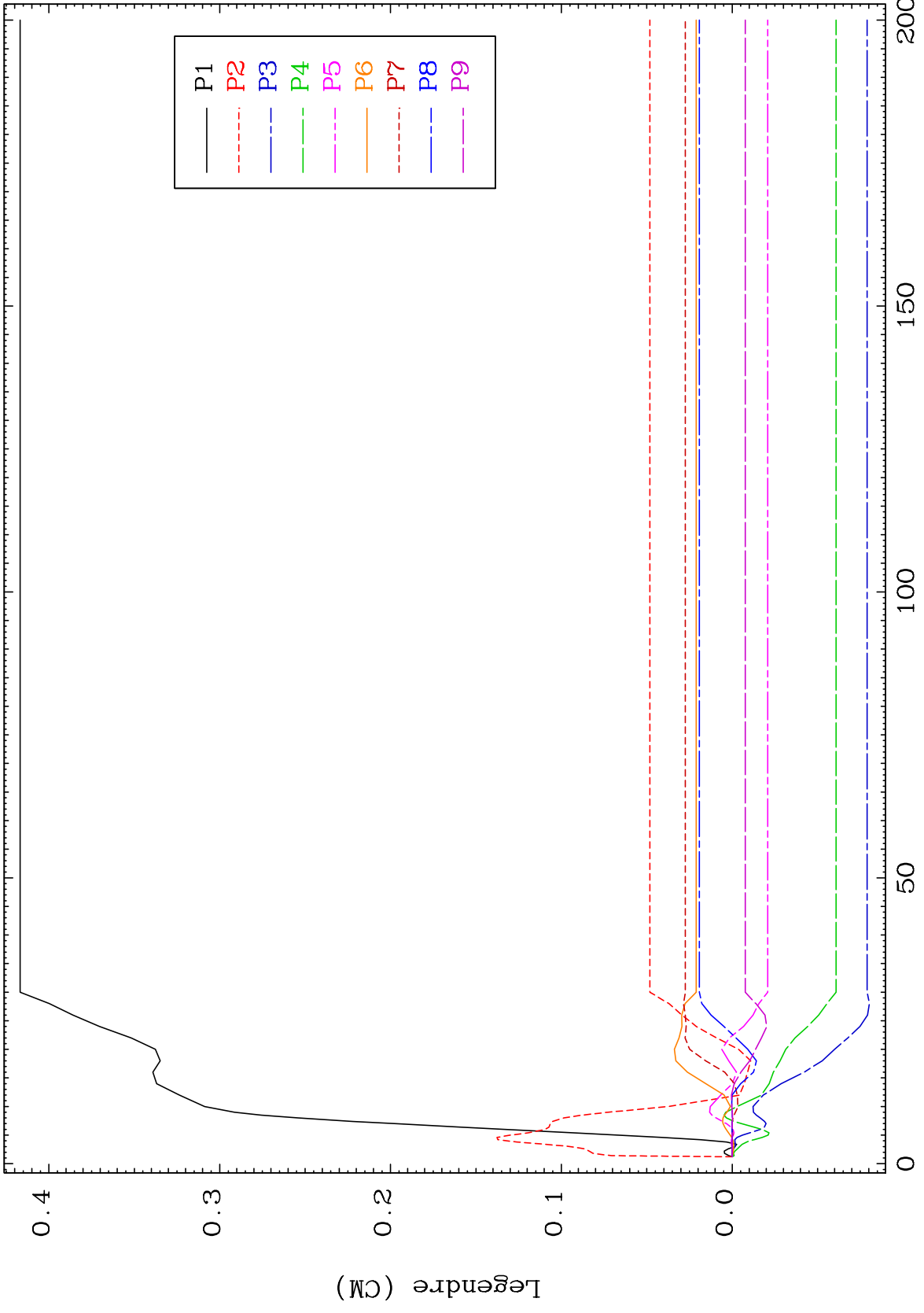


114

Incident Energy (MeV)

75-Re-179

MAT 7507 MT= 75 (n,n') Level Legendre Coefficients 75-Re-179

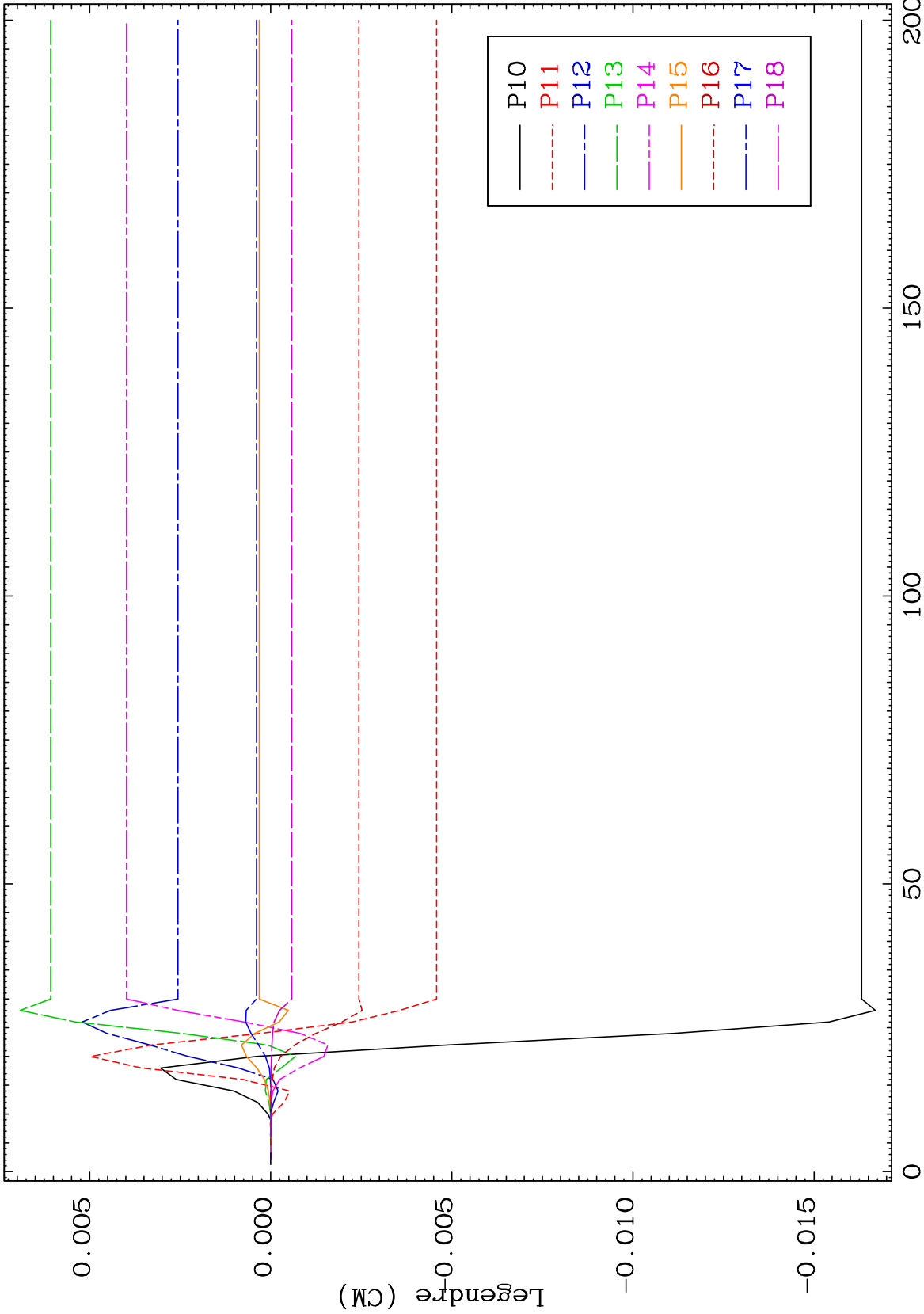


115 75-Re-179

MAT 7507

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

75-Re-179



116

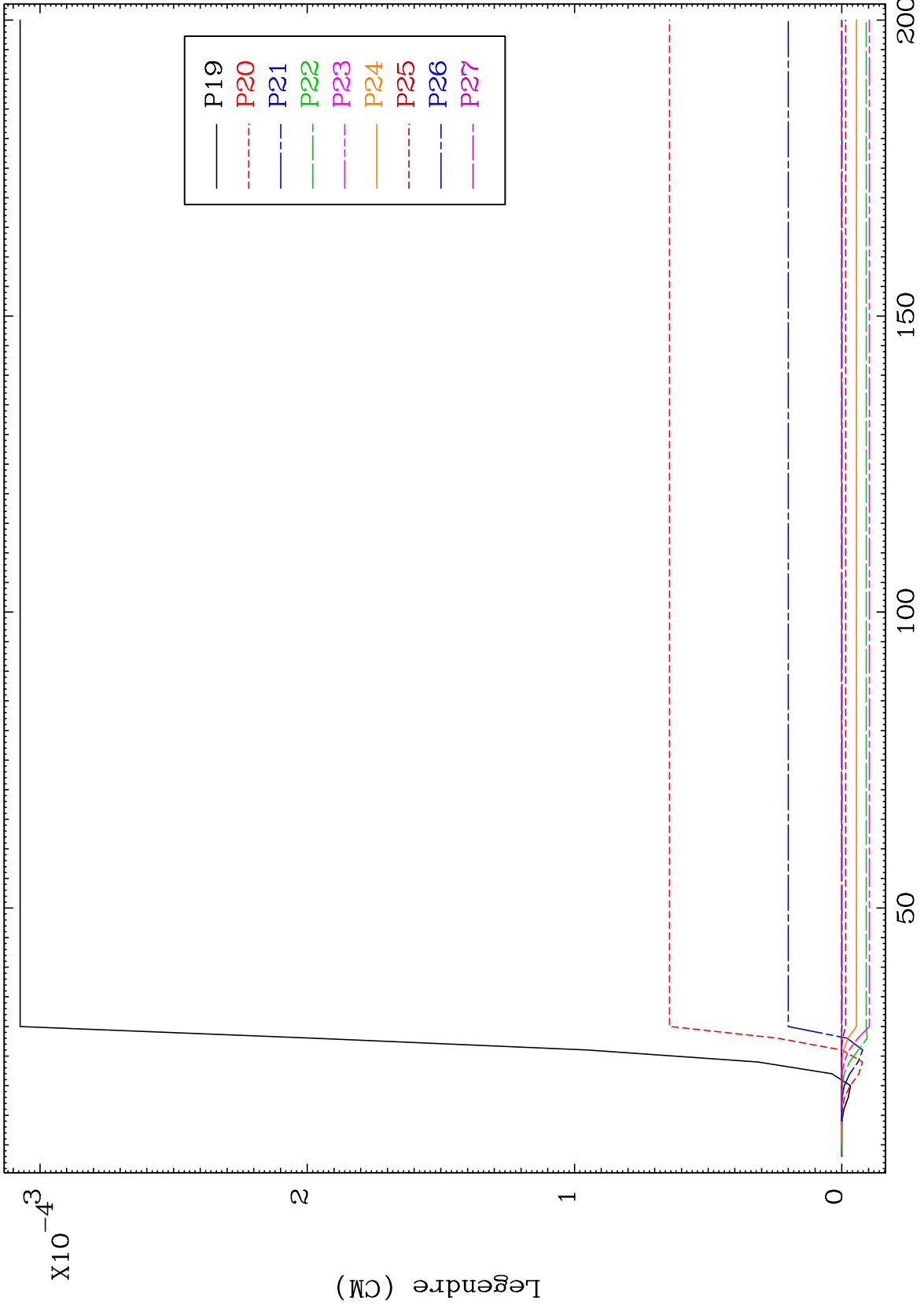
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



117

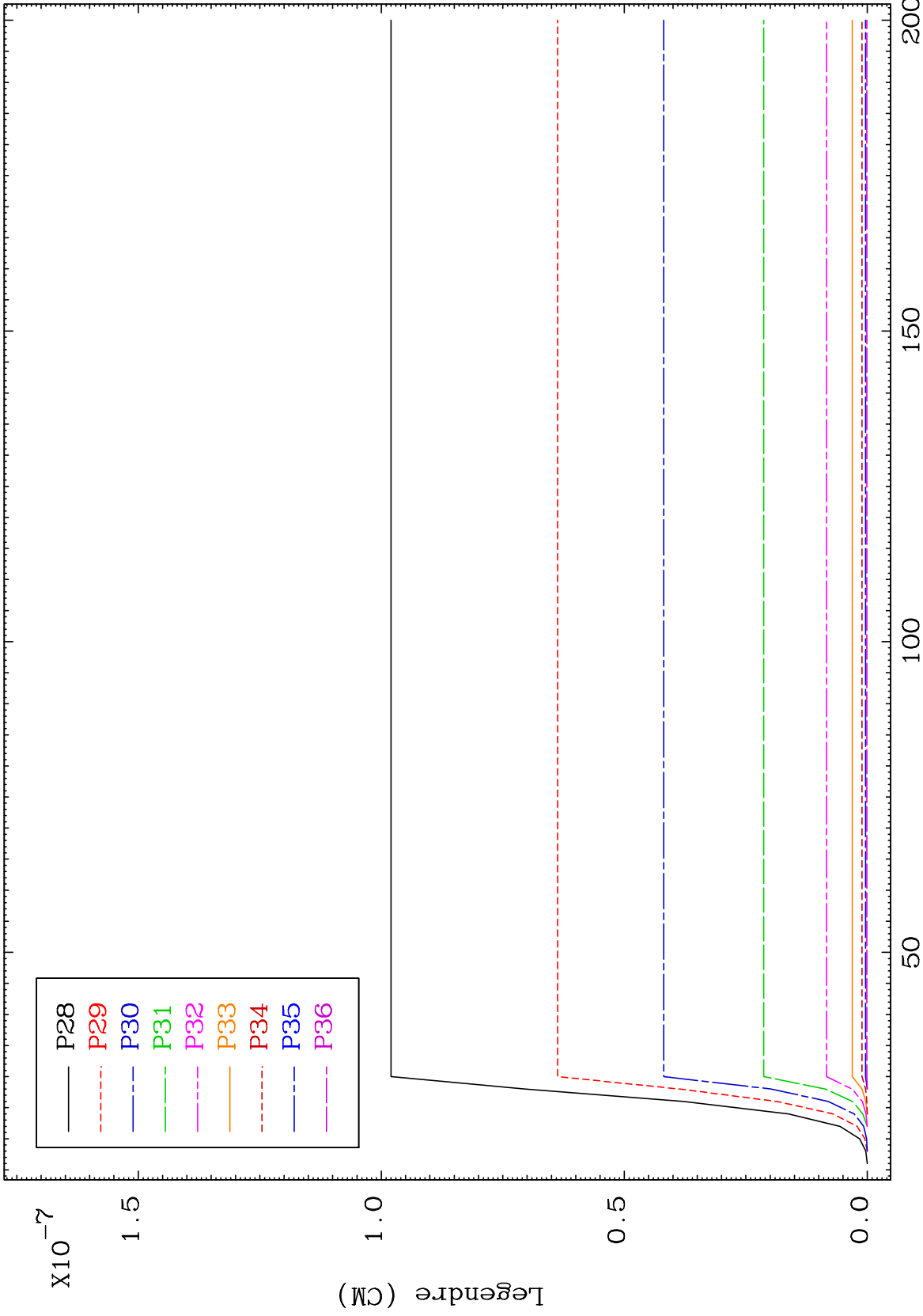
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



118

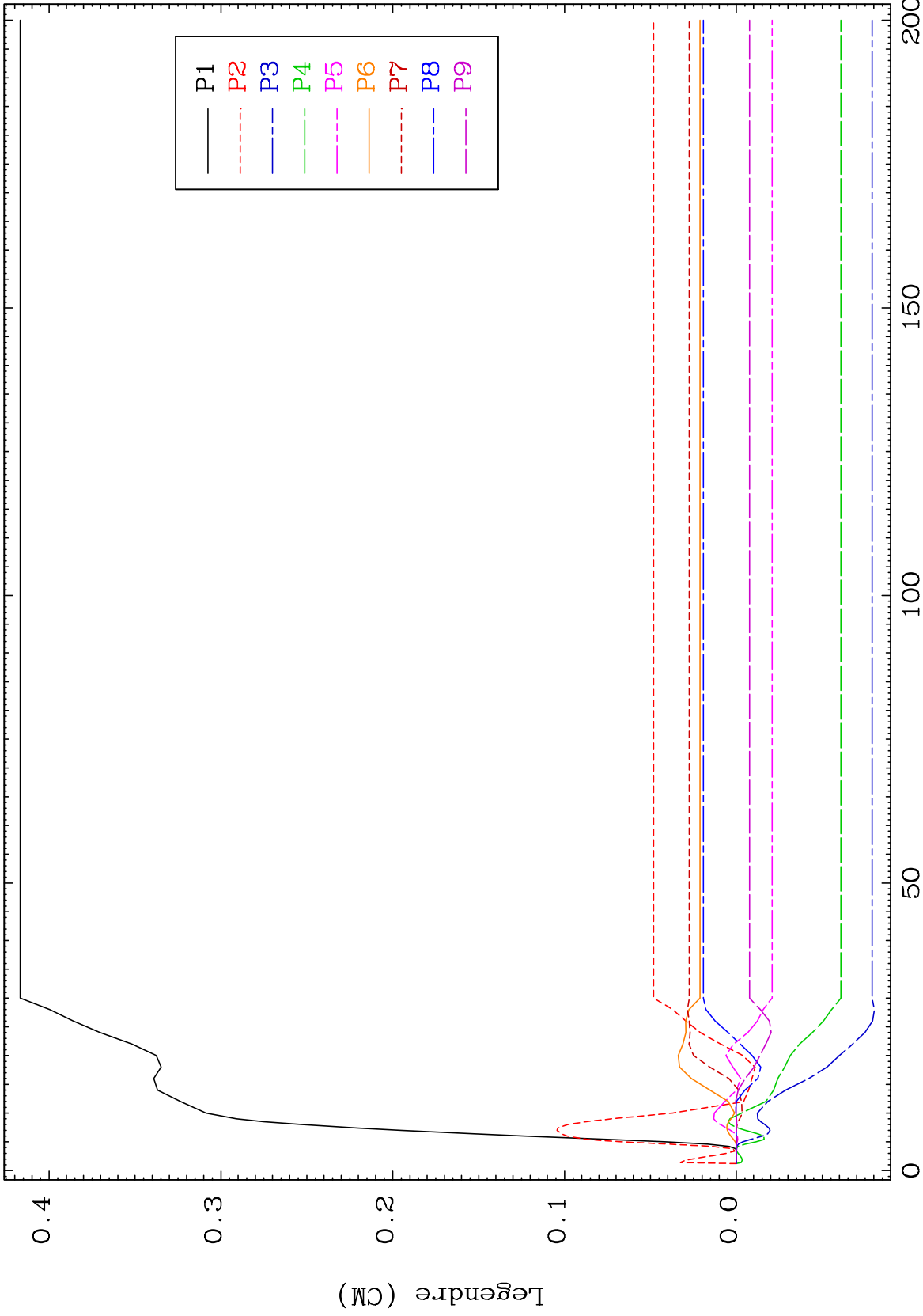
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



119

Incident Energy (MeV)

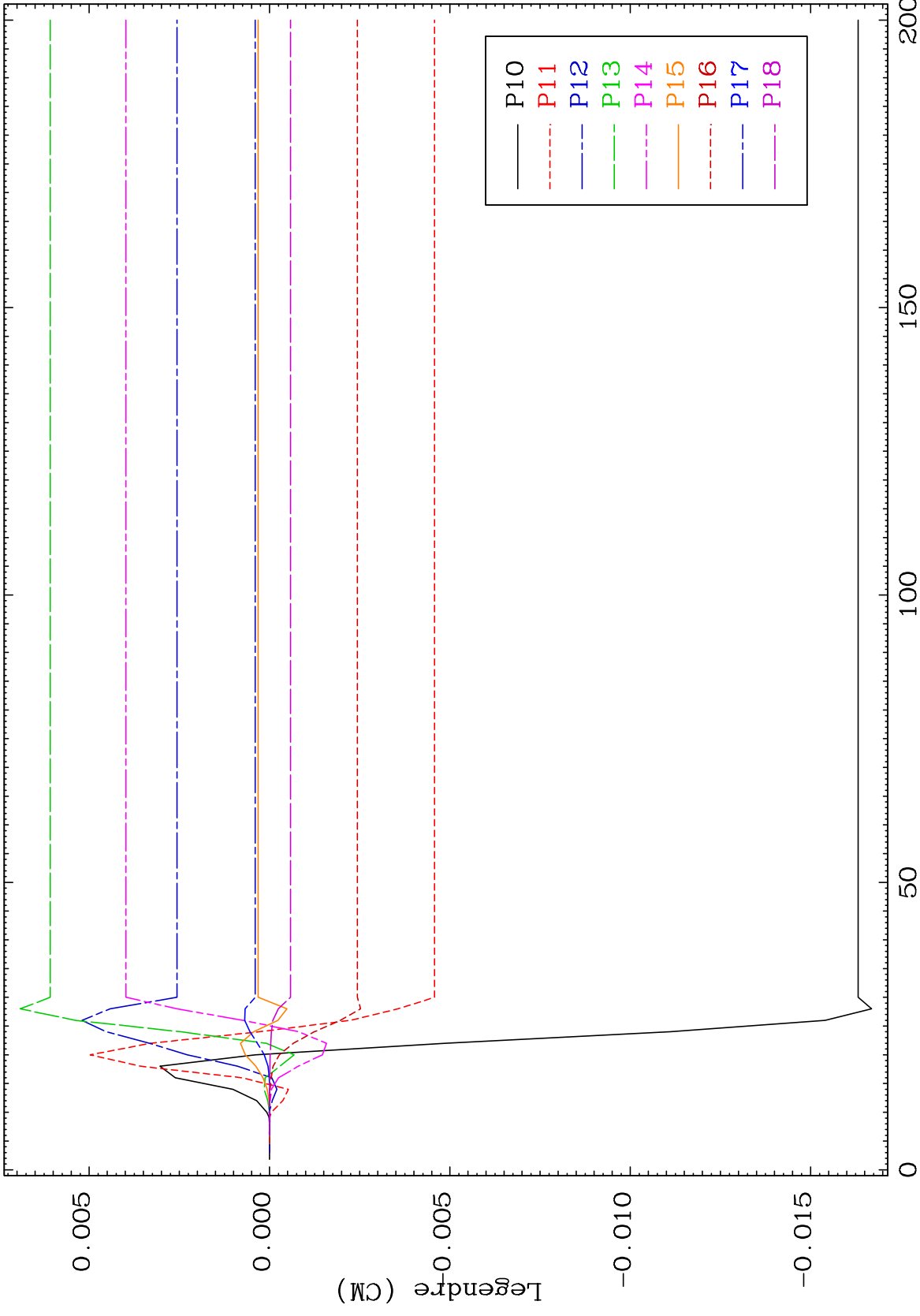
75-Re-179



MAT 7507

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

75-Re-179



120

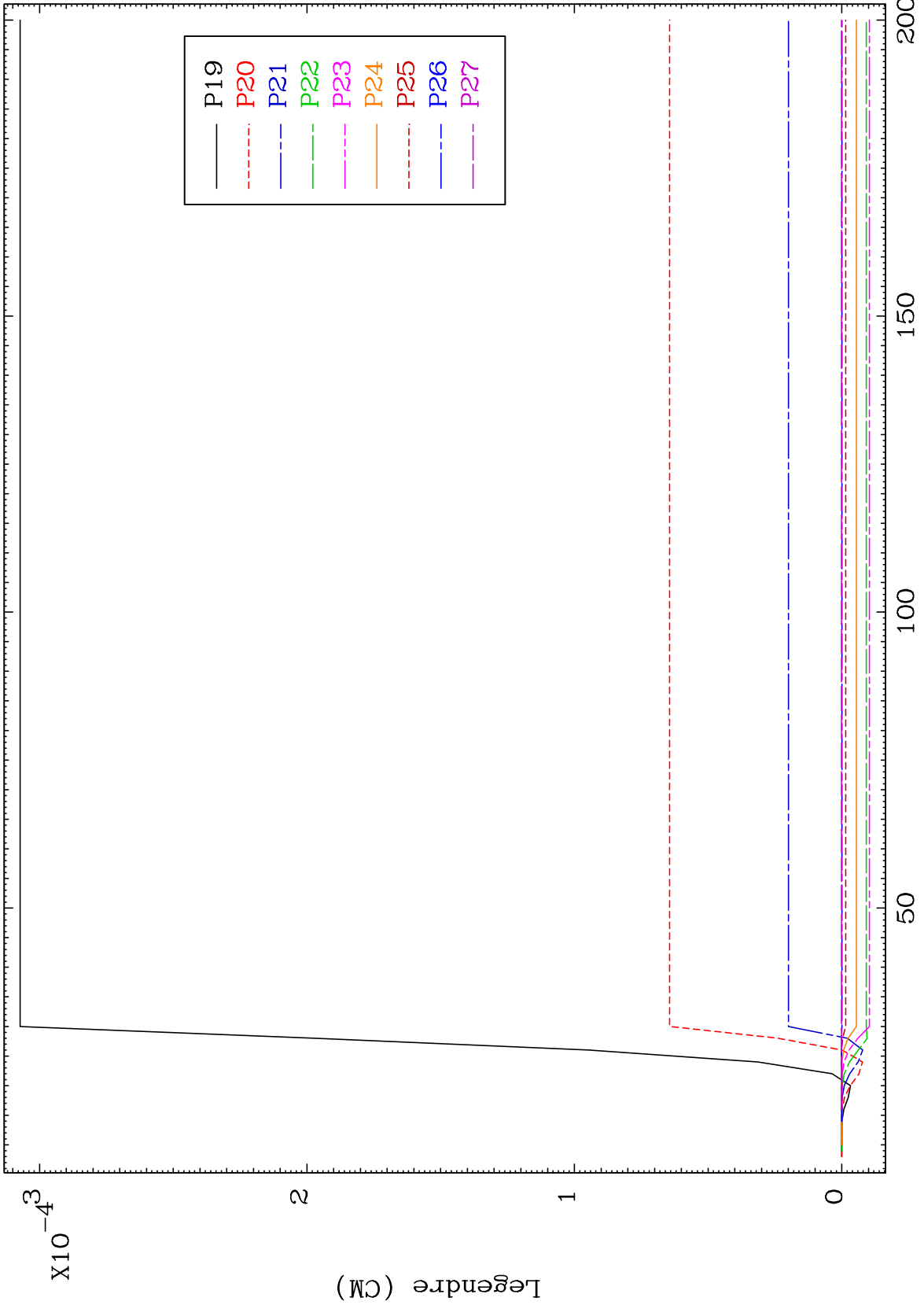
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



121

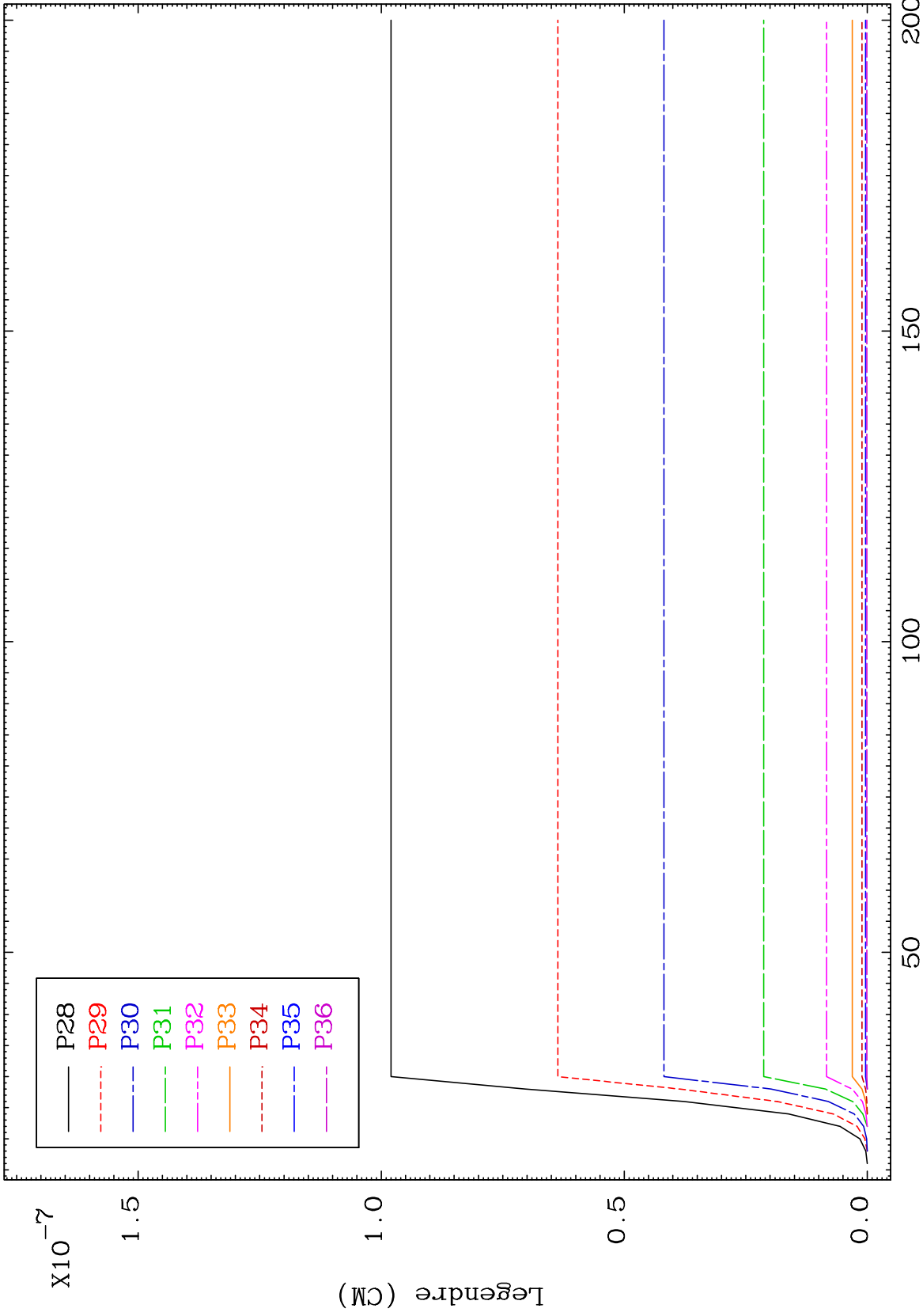
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



122

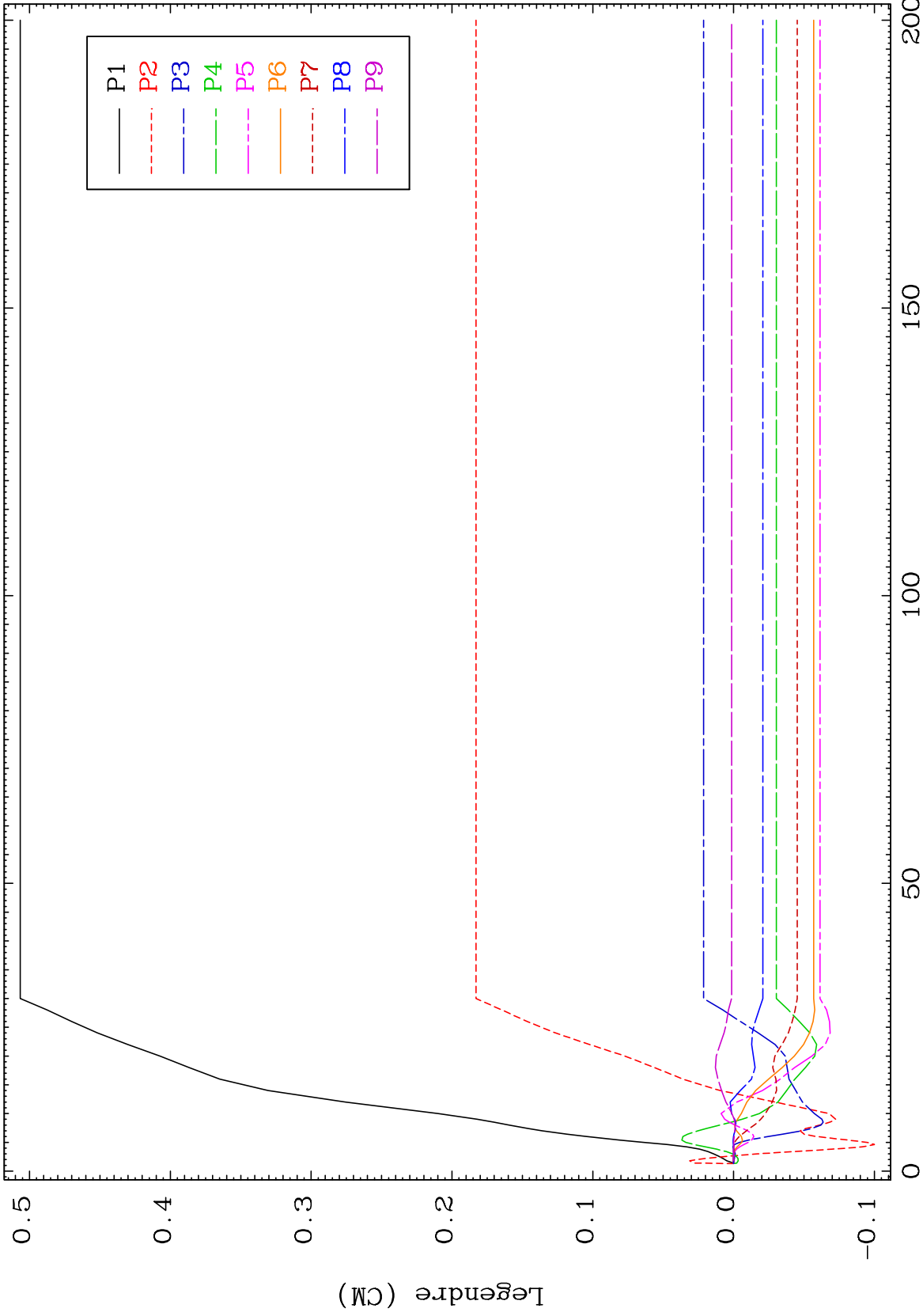
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



123

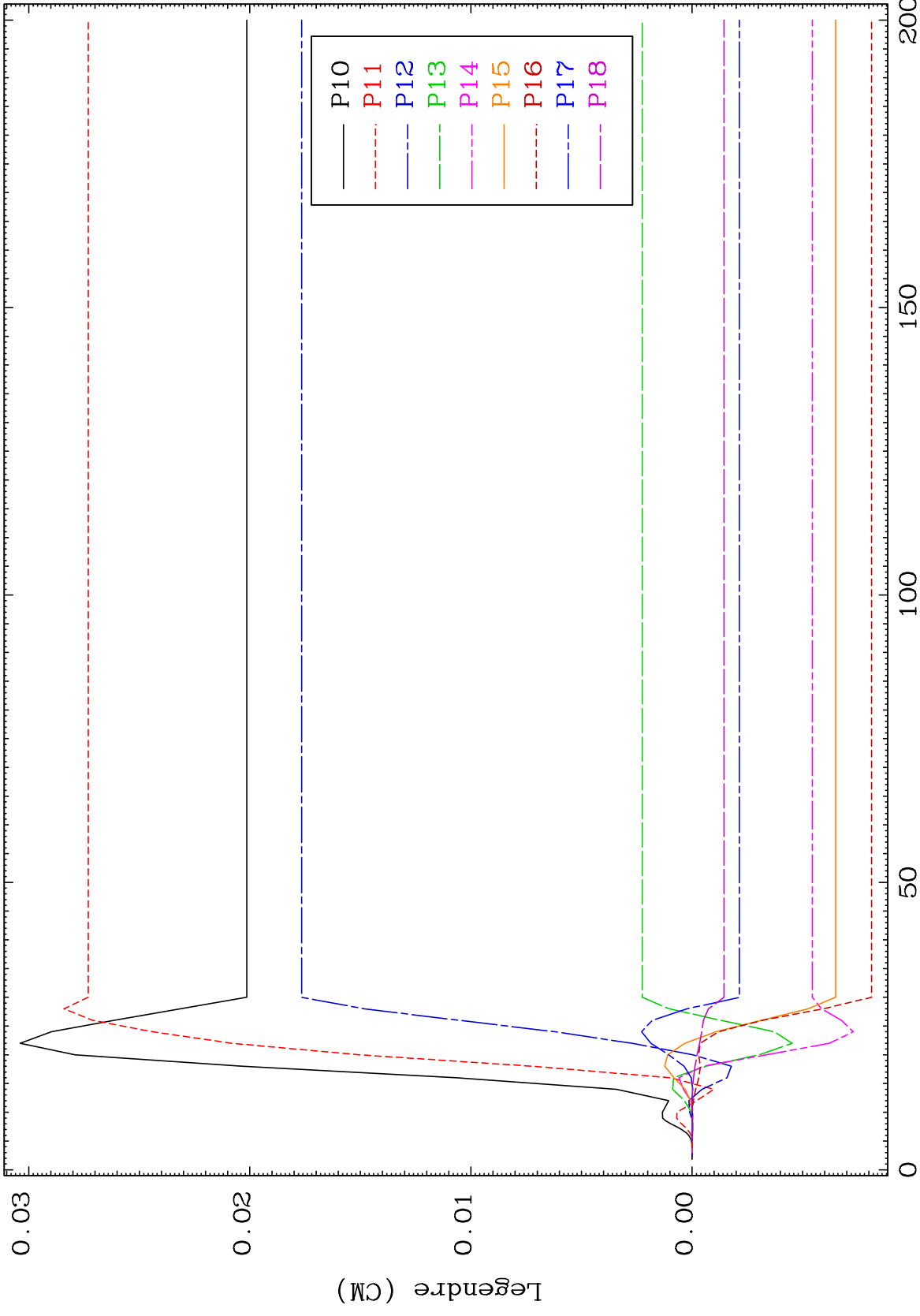
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



124

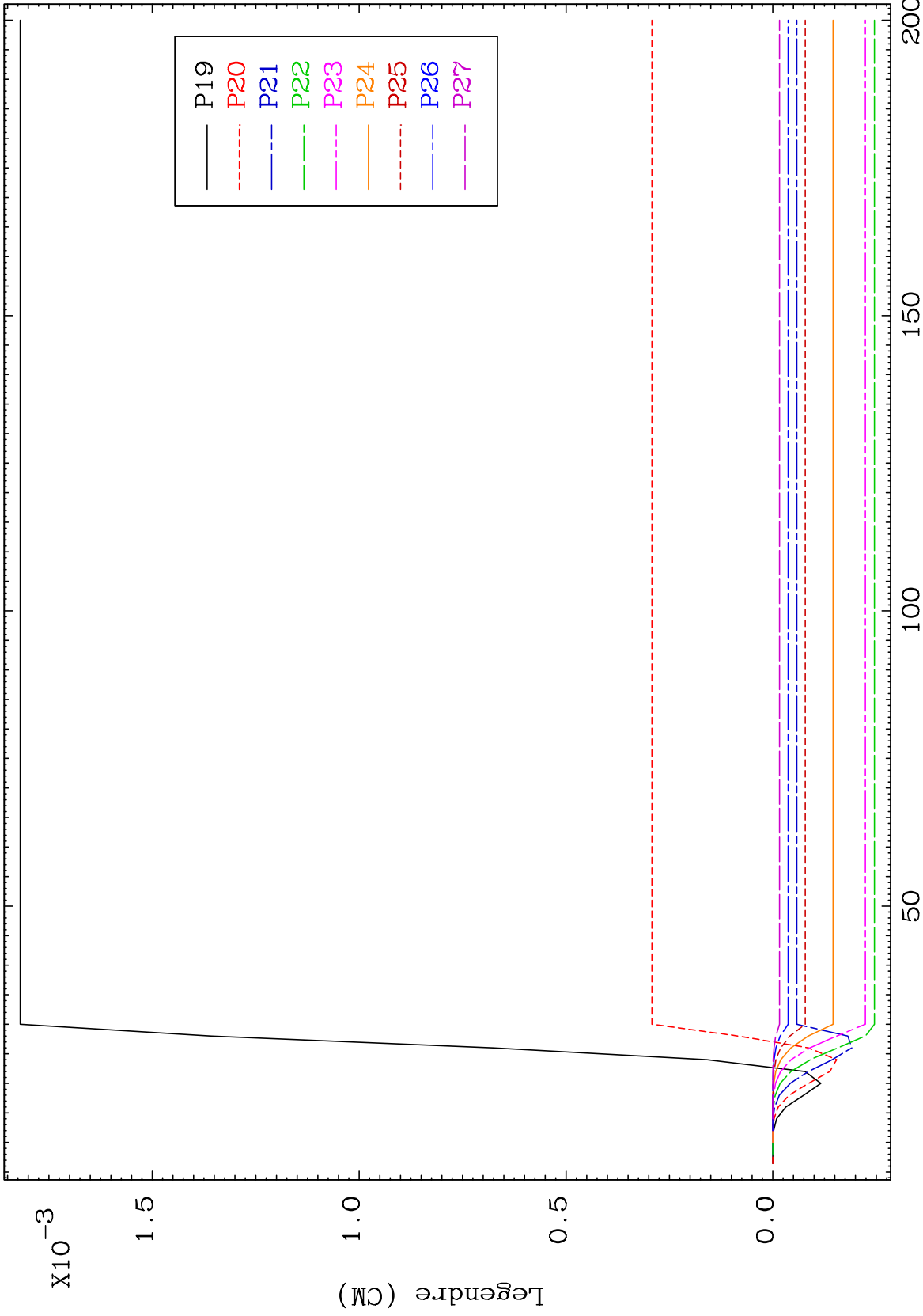
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



125

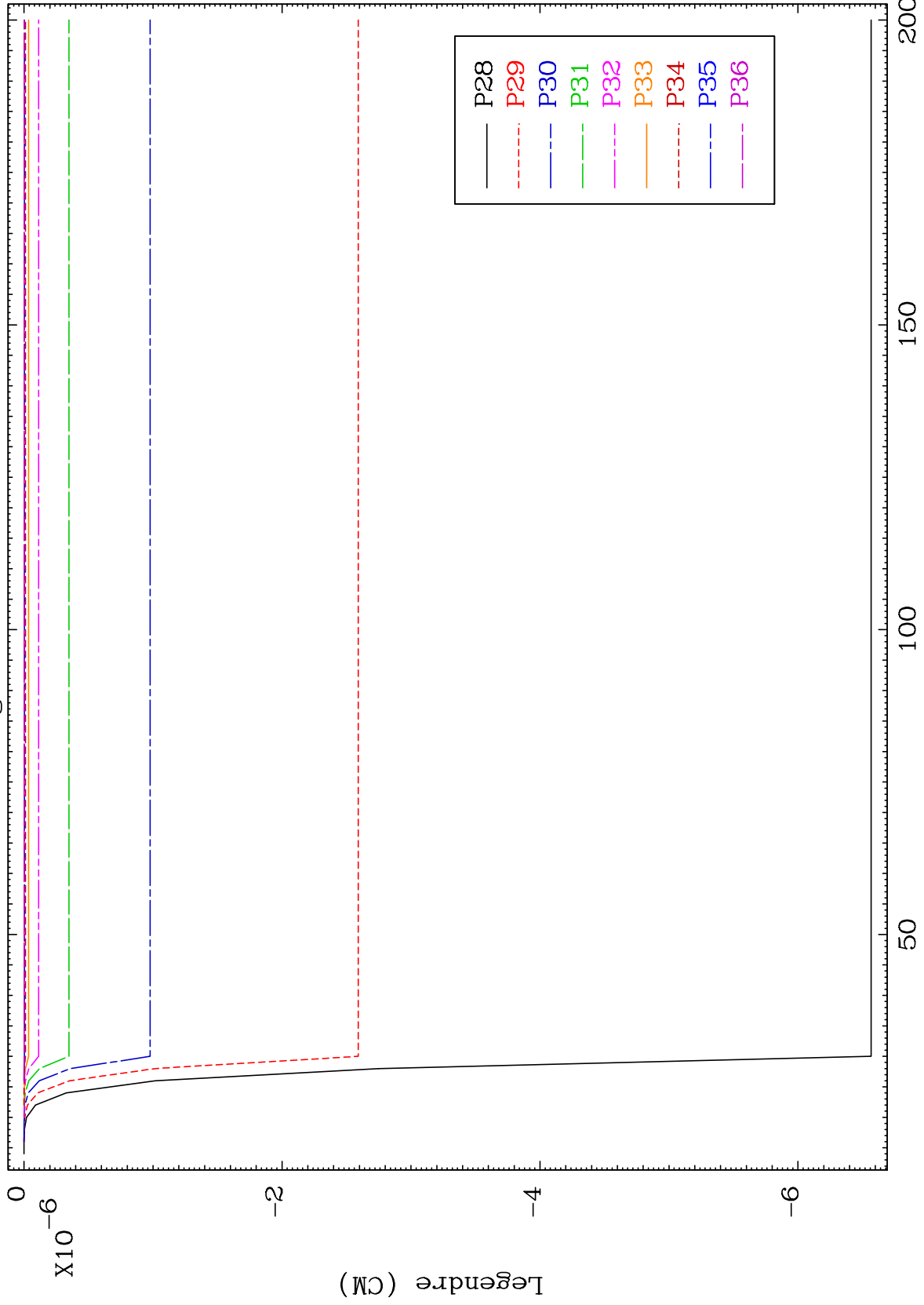
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



75-Re-179

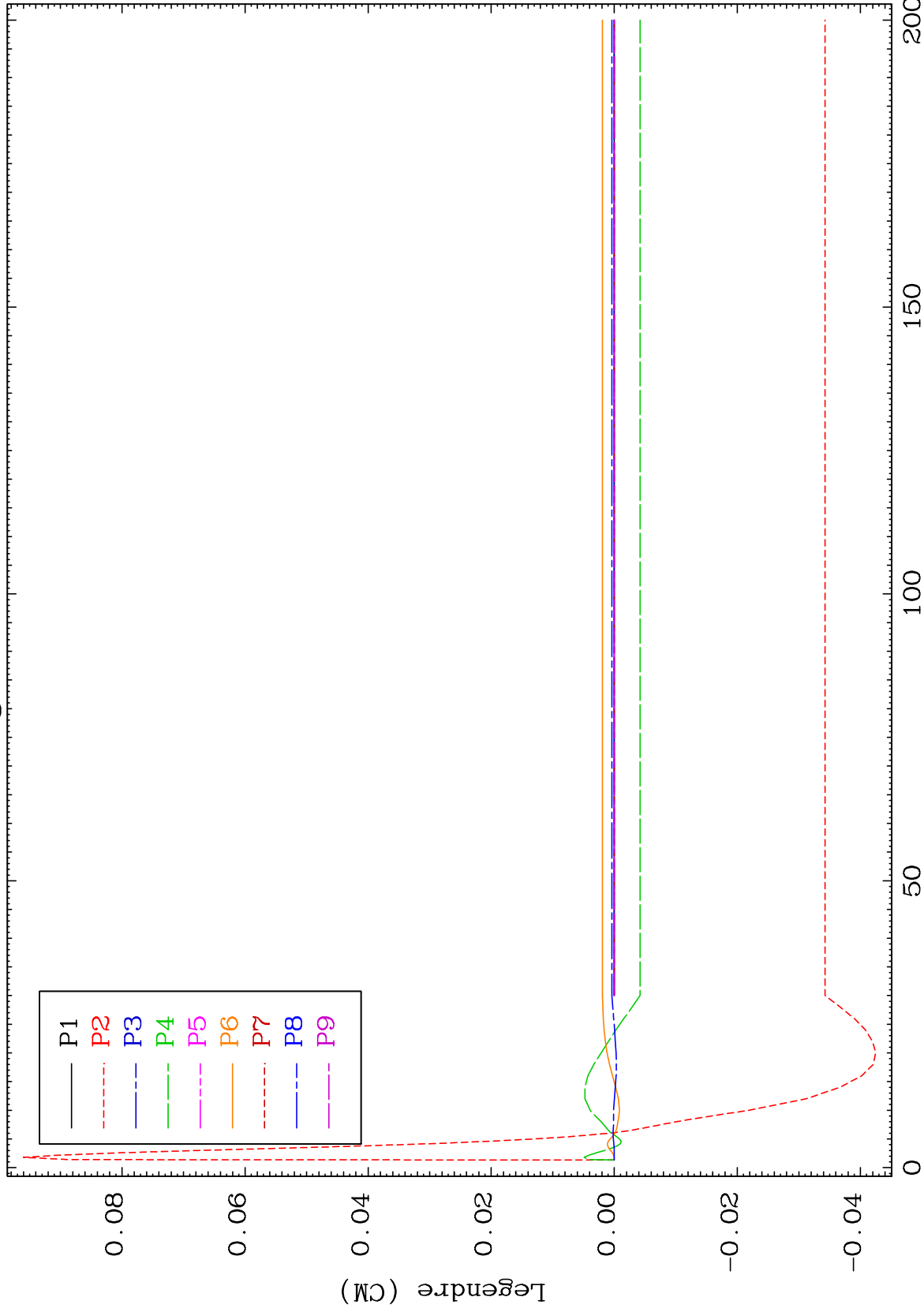
Incident Energy (MeV)

126

MAT 7507

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

75-Re-179



127

Incident Energy (MeV)

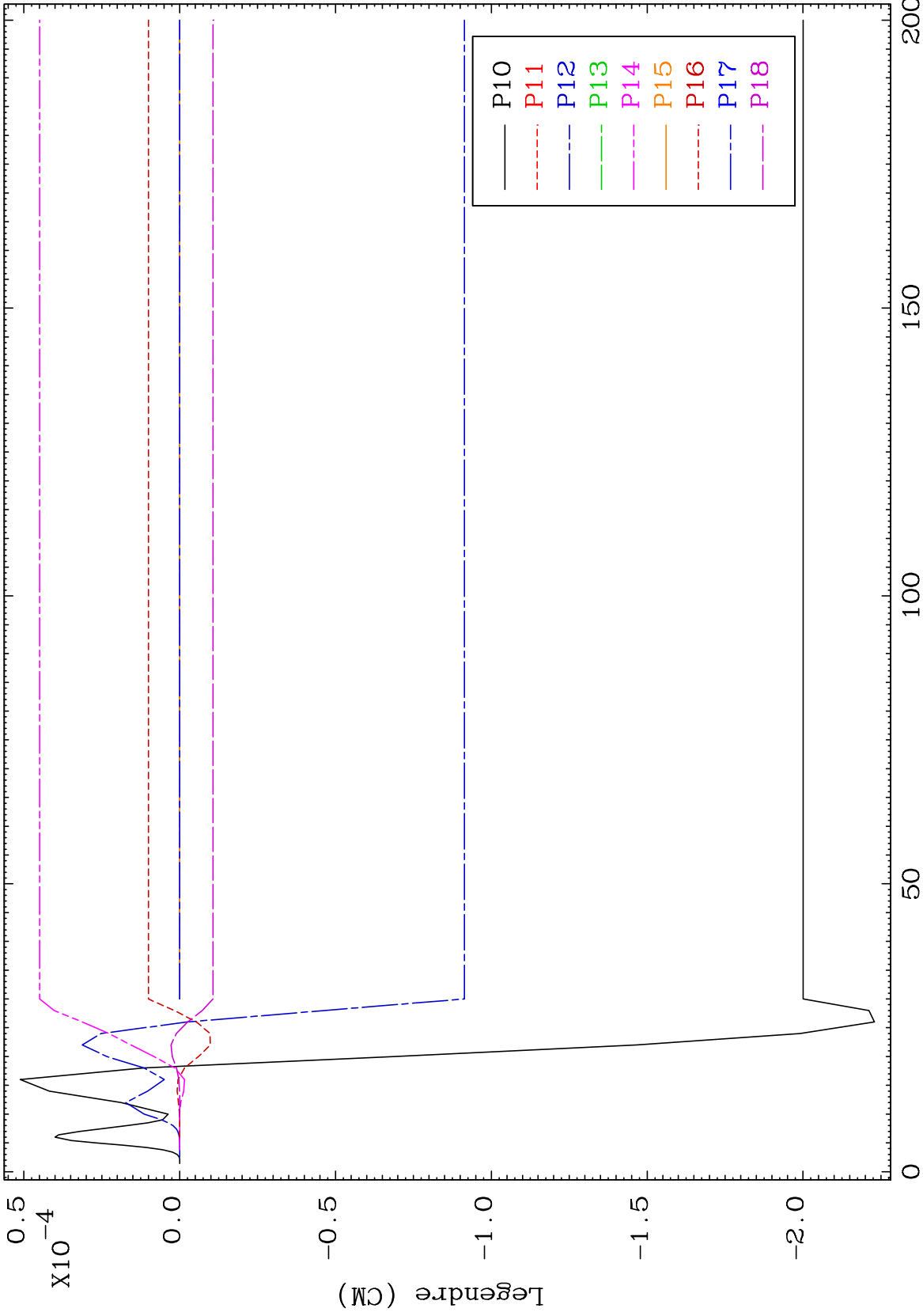
75-Re-179



MAT 7507

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

75-Re-179



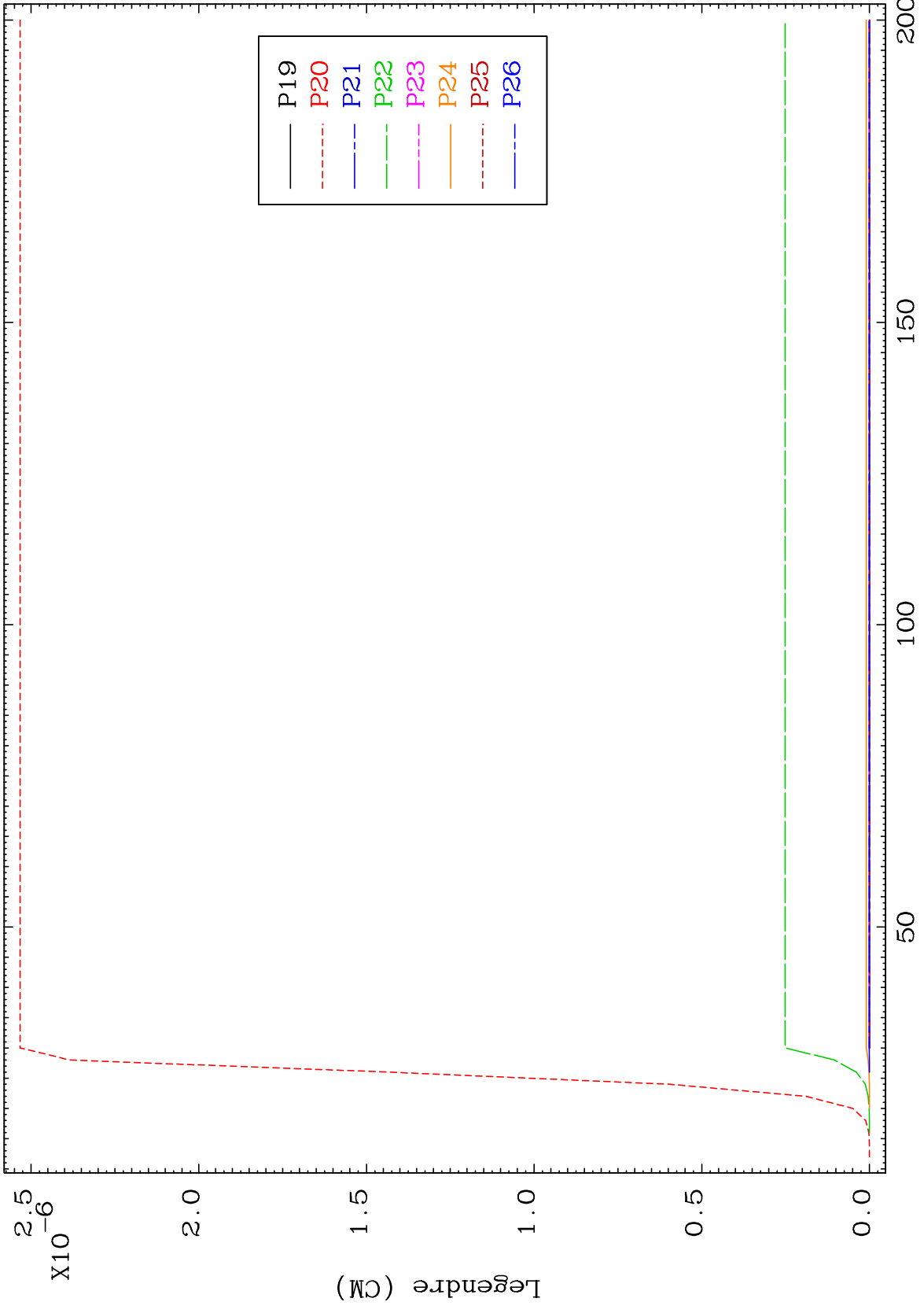
128

75-Re-179

MAT 7507

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

75-Re-179



129

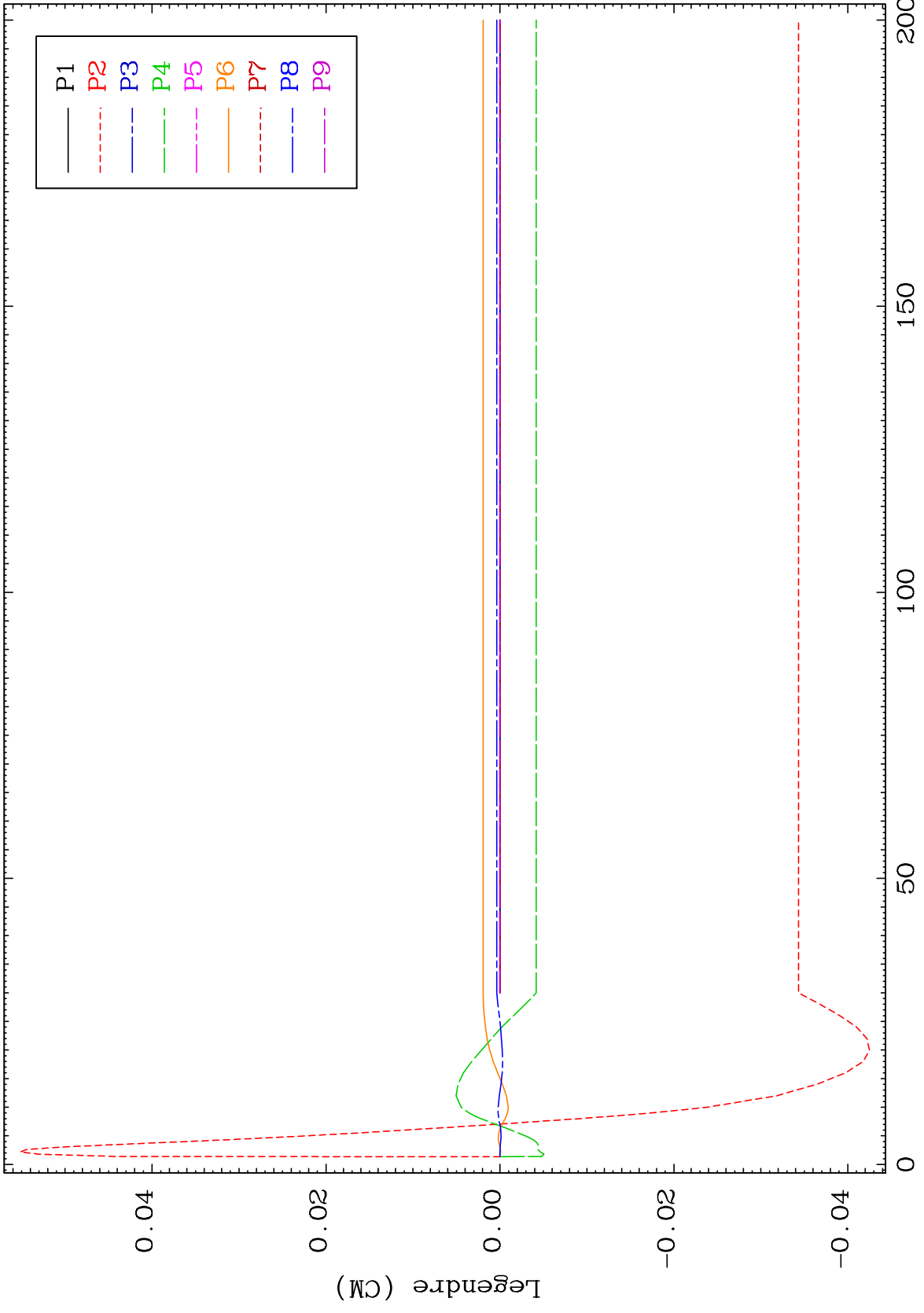
Incident Energy (MeV)

75-Re-179

MAT 7507

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

75-Re-179



75-Re-179

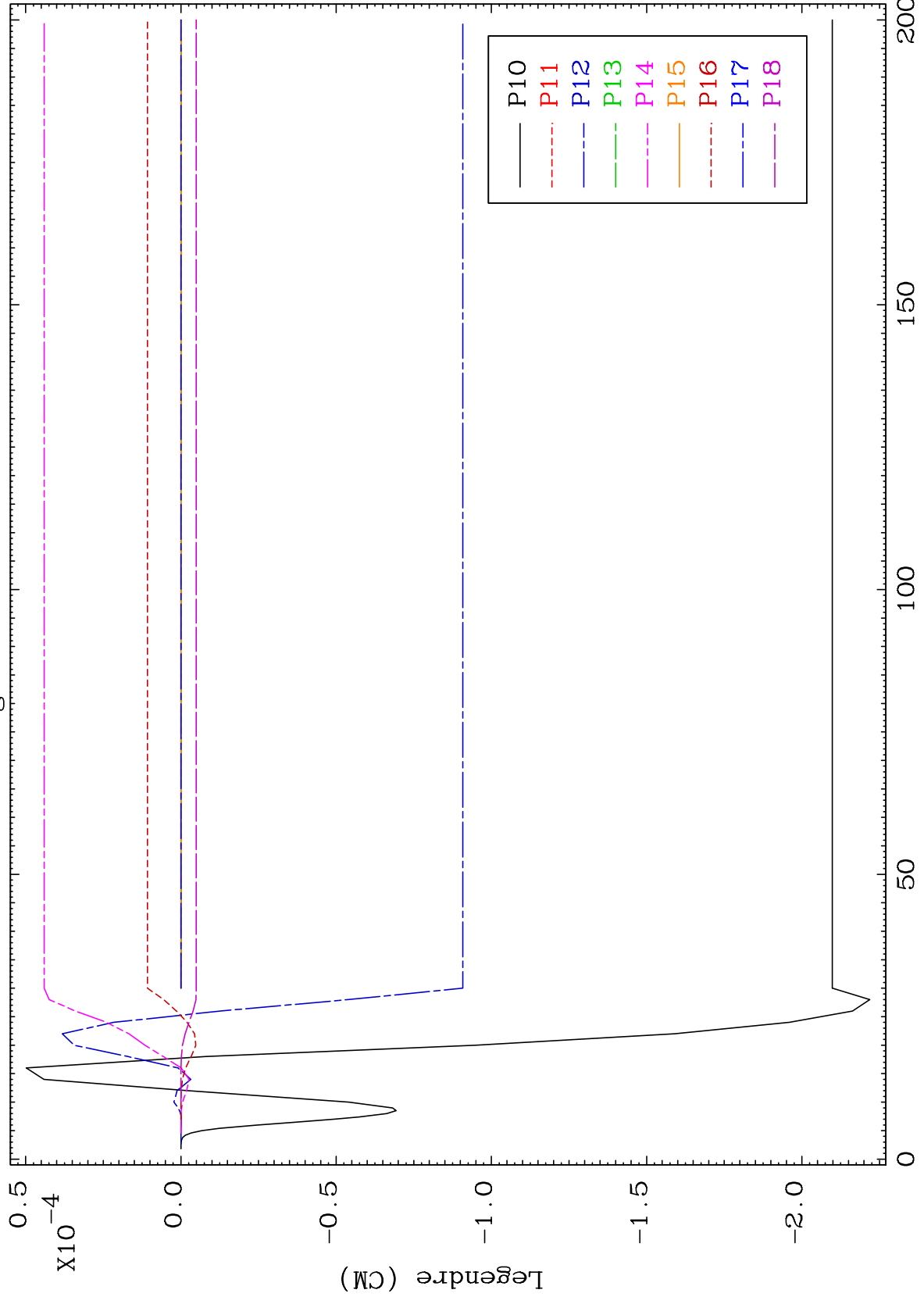
Incident Energy (MeV)

130

MAT 7507

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

75-Re-179



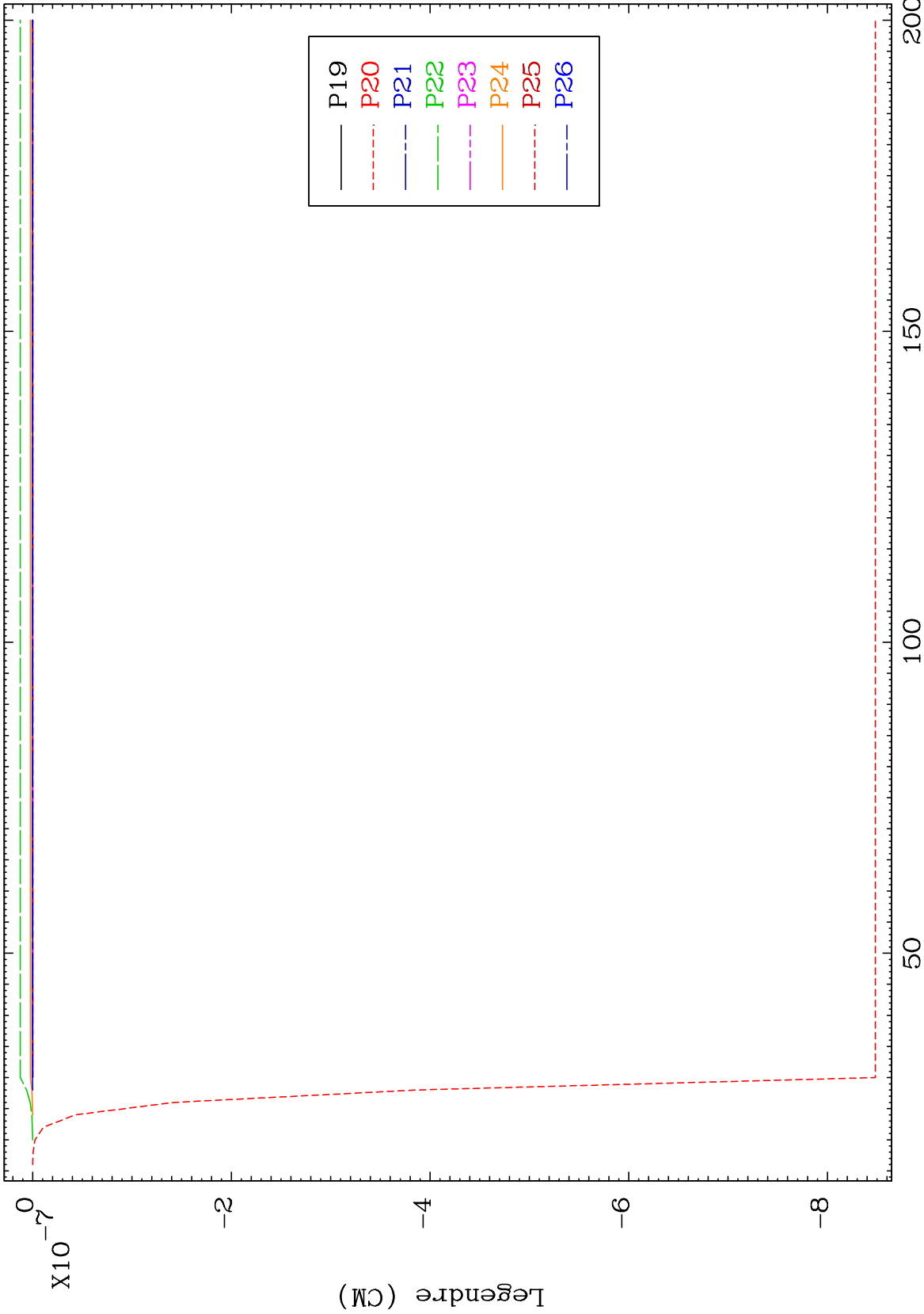
131

75-Re-179

MAT 7507

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

75-Re-179

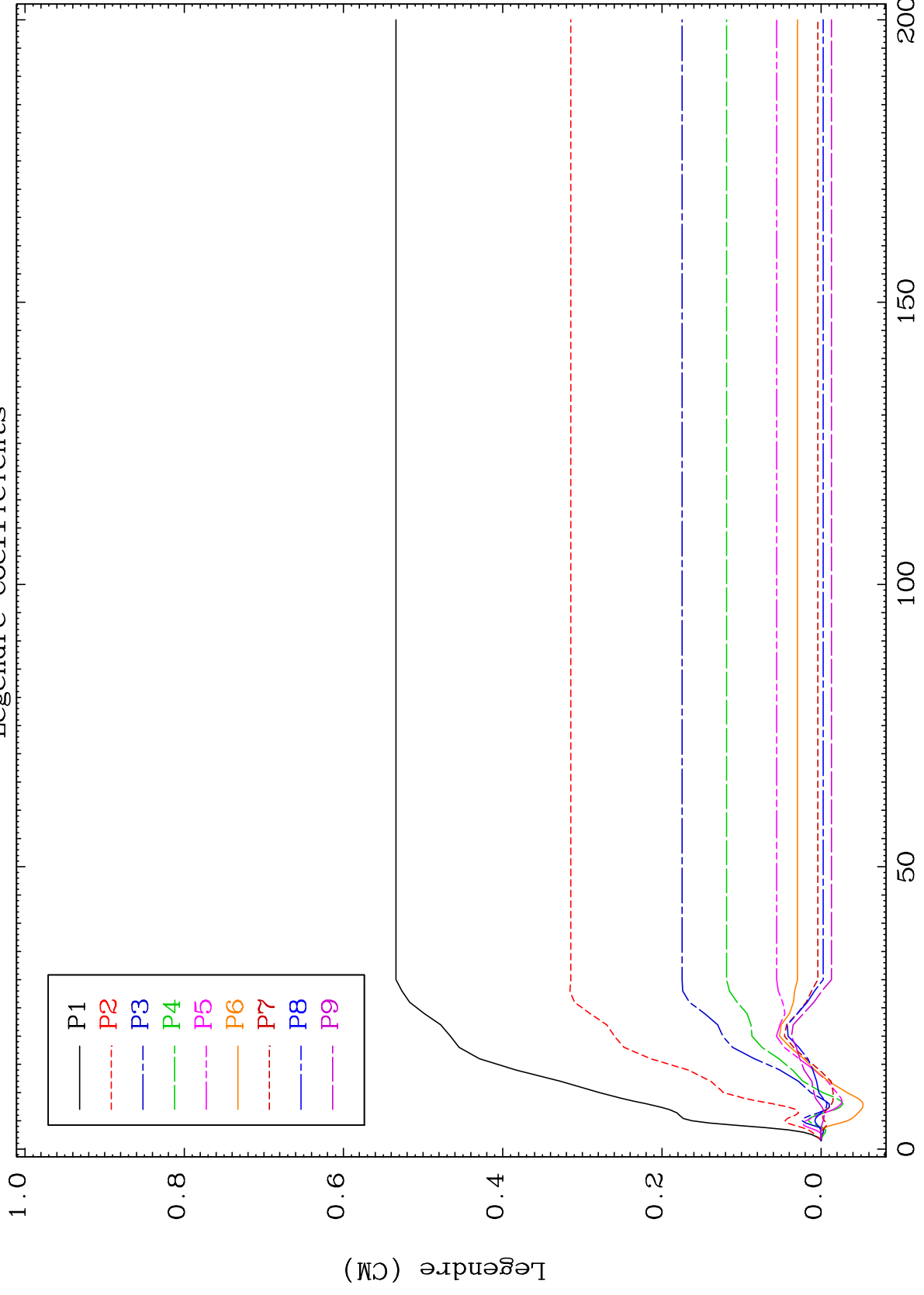


132

Incident Energy (MeV)

75-Re-179

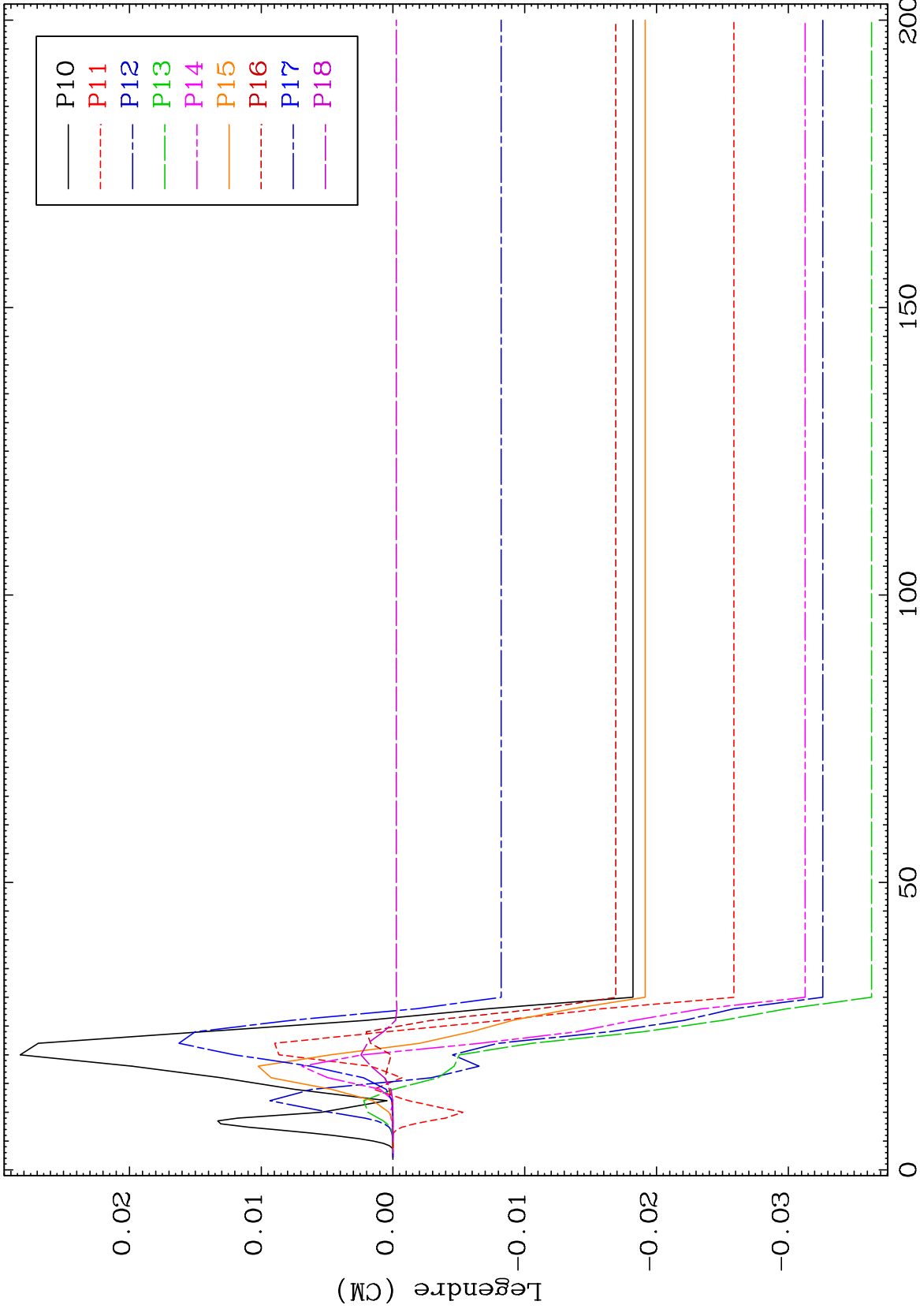
MAT 7507 MT= 80 (n,n') Level Legendre Coefficients 75-Re-179



MAT 7507

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

75-Re-179

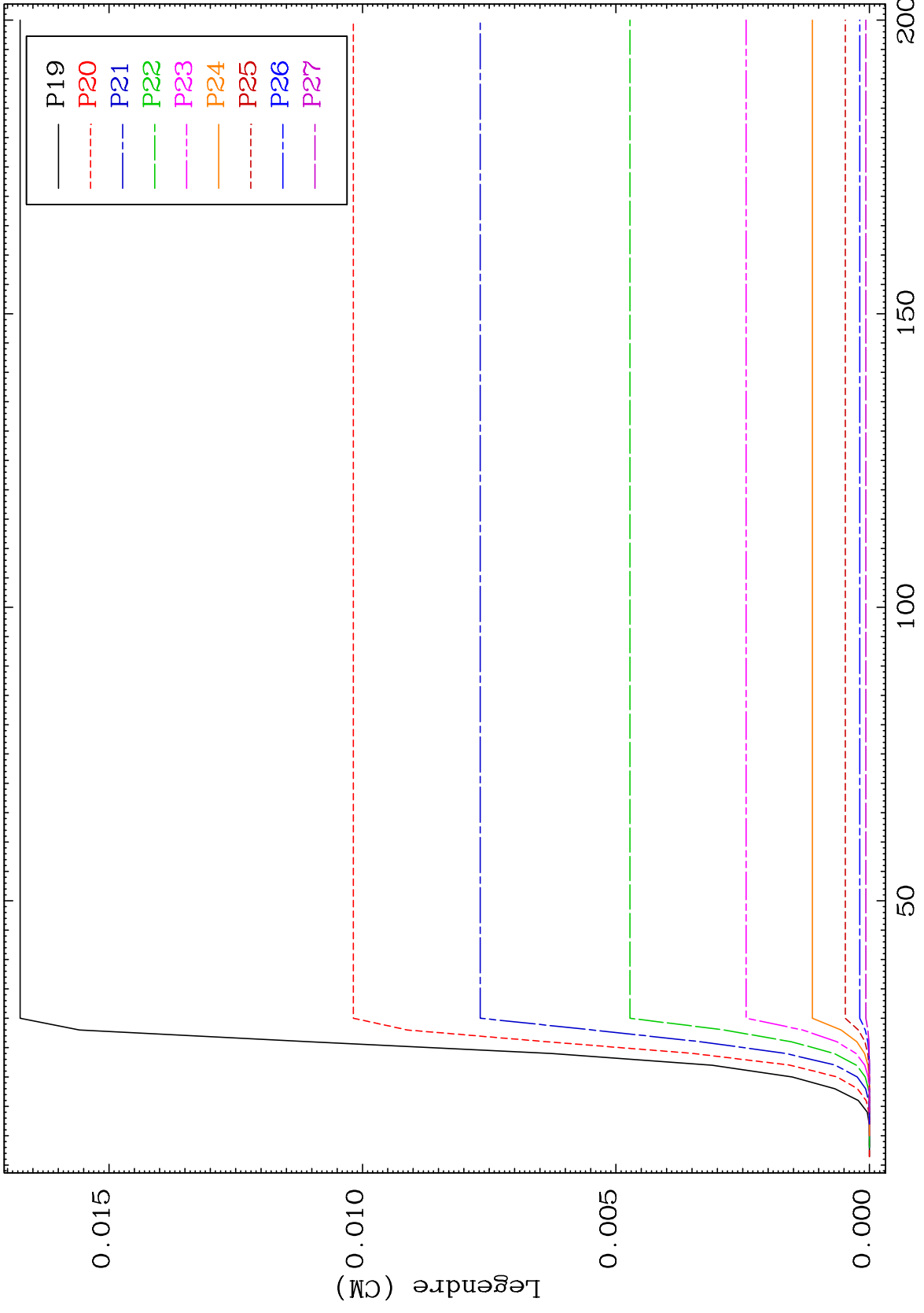


134

Incident Energy (MeV)

75-Re-179

MAT 7507 MT= 80 (n,n') Level Legendre Coefficients 75-Re-179



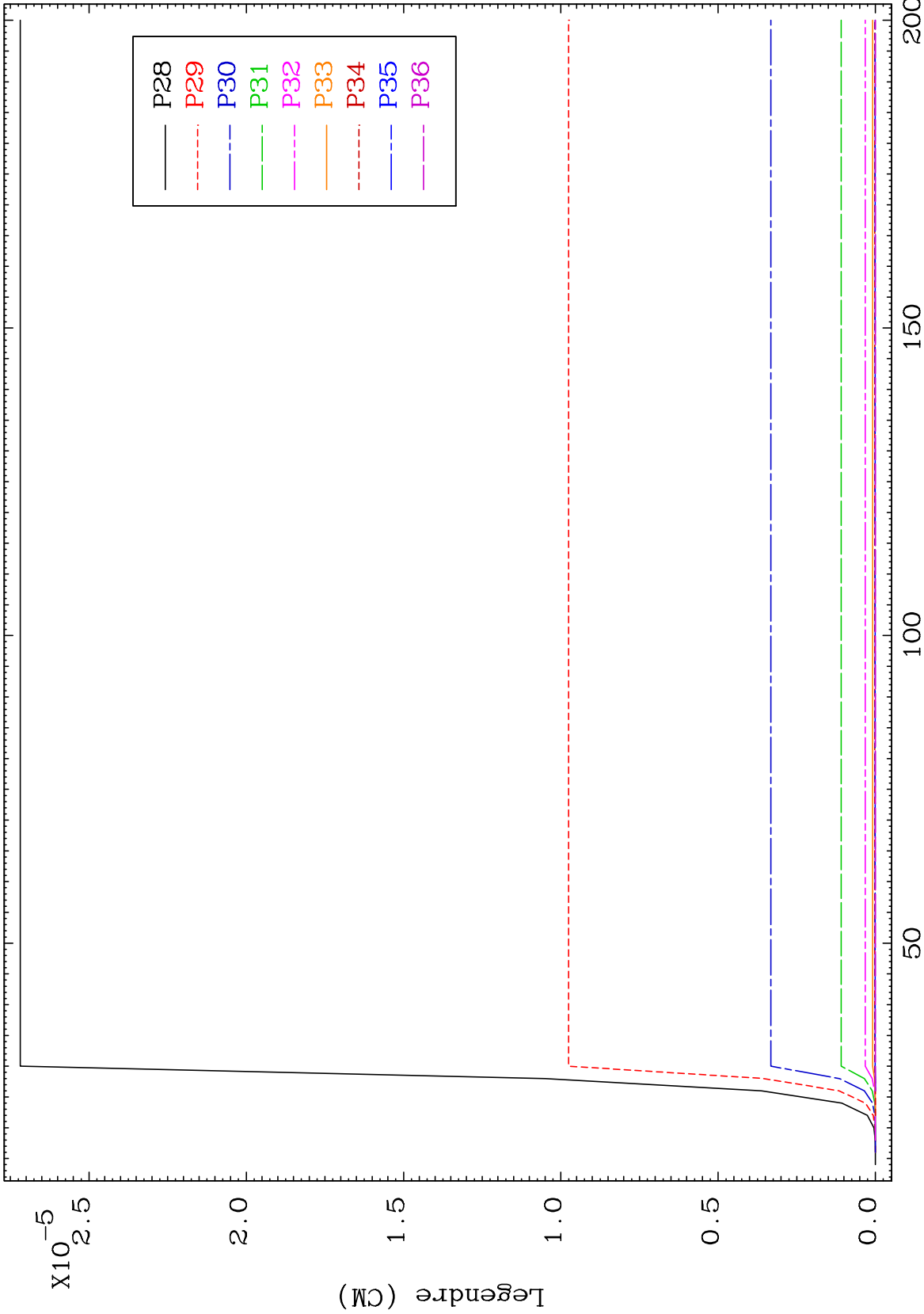
135 Incident Energy (MeV) 75-Re-179



MAT 7507

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

75-Re-179



136

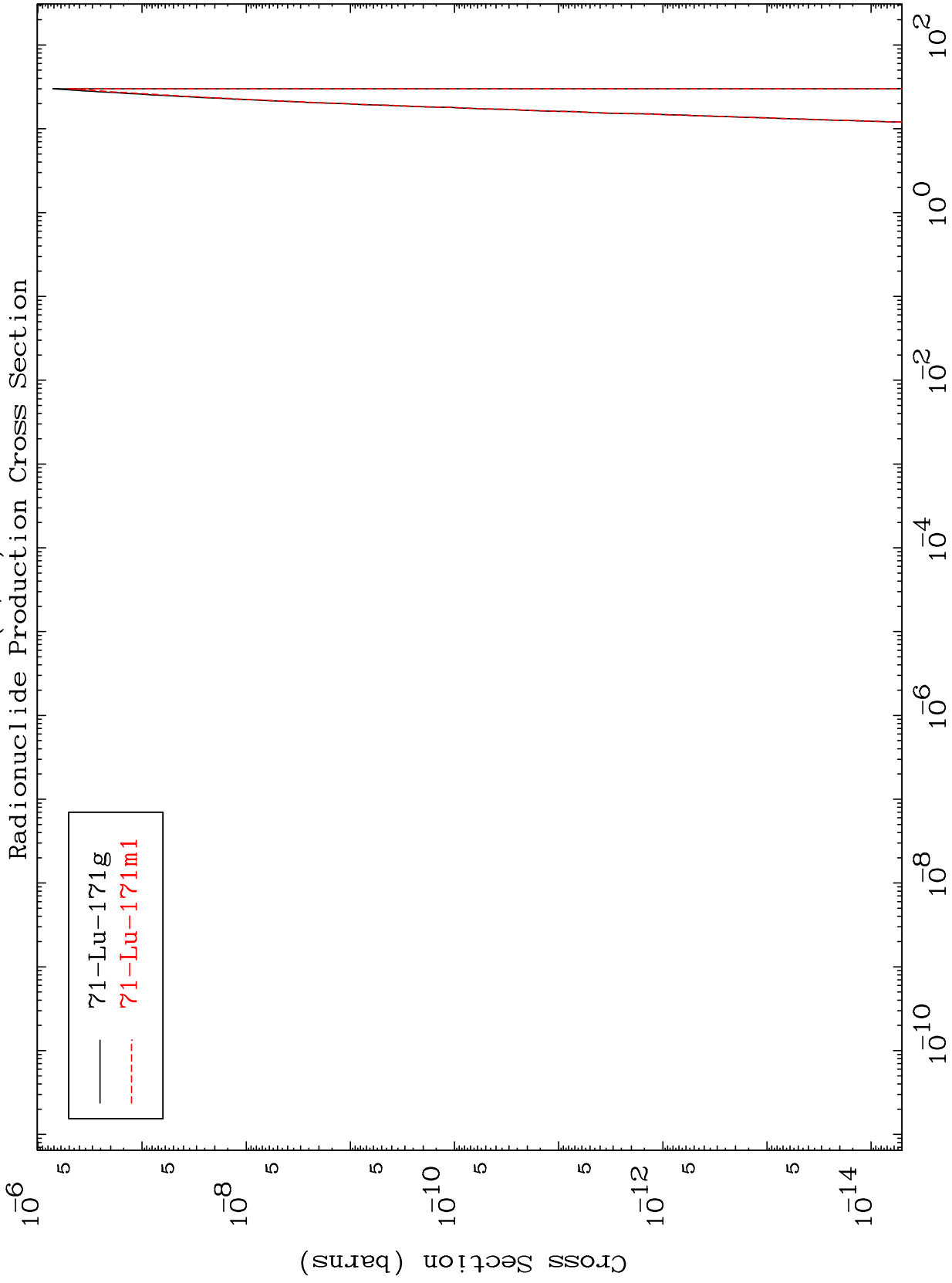
75-Re-179

MAT 7507

(n, n') 2 $\alpha$

75-Re-179

Radionuclide Production Cross Section



137

Incident Energy (MeV)

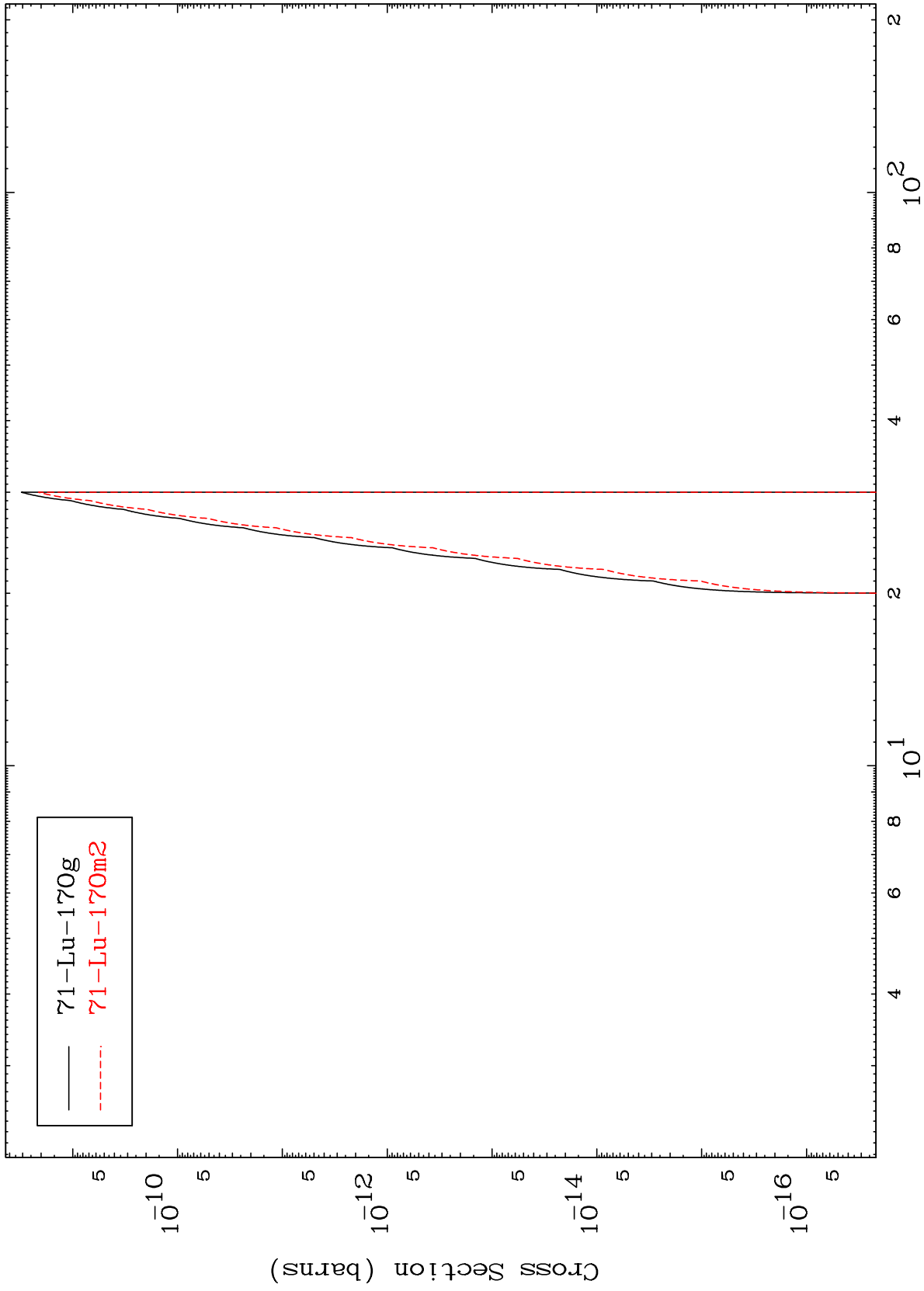
75-Re-179

MAT 7507

$(n, 2n) 2\alpha$

75-Re-179

Radionuclide Production Cross Section



138

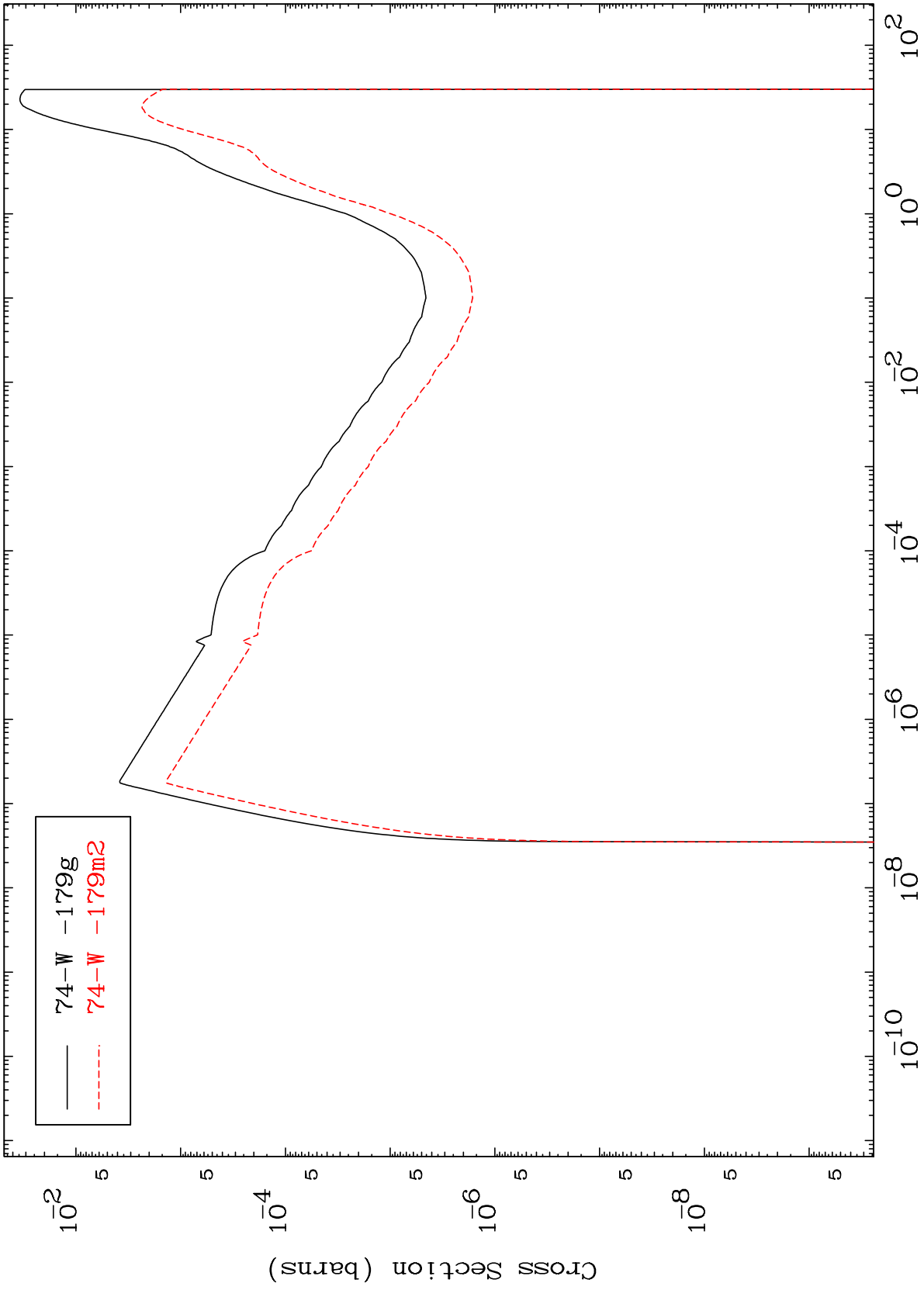
Incident Energy (MeV)

75-Re-179

MAT 7507

Radionuclide Production Cross Section  
(n,p)

75-Re-179



139

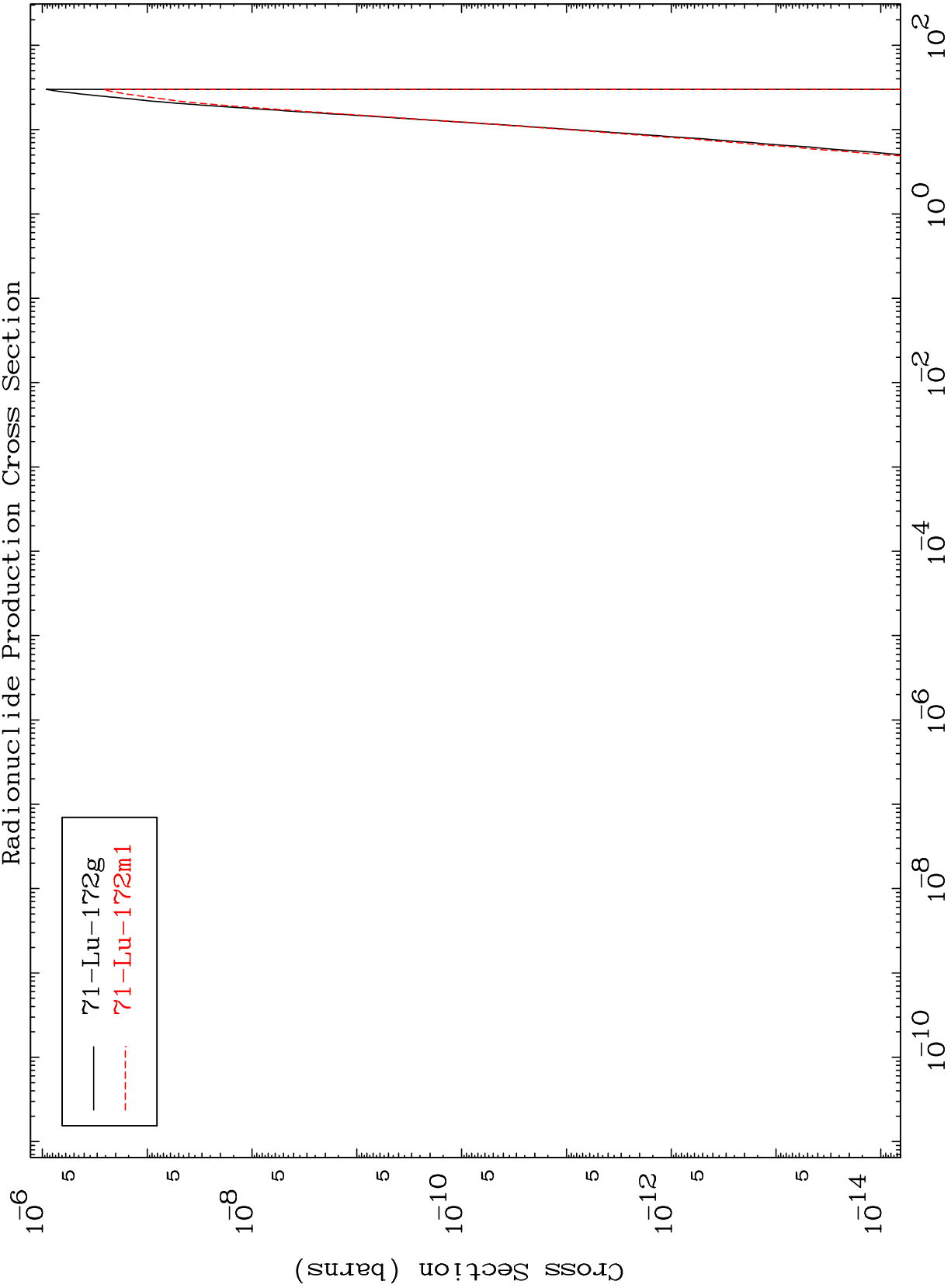
75-Re-179

MAT 7507

(n,2α)

75-Re-179

Radionuclide Production Cross Section



71-Lu-172g  
71-Lu-172m1

140

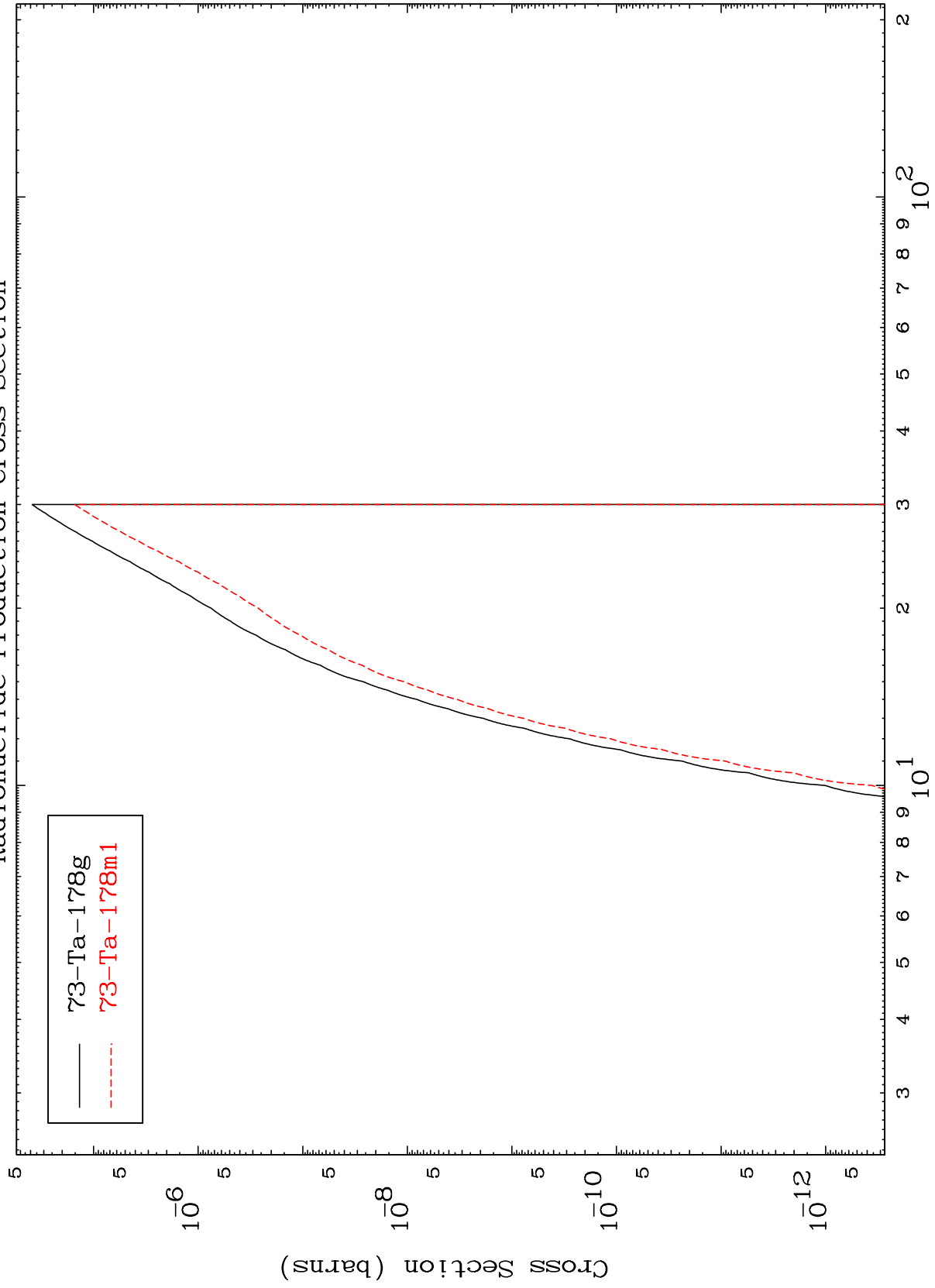
Incident Energy (MeV)

75-Re-179

MAT 7507

75-Re-179

Radionuclide Production Cross Section (n,2p)



141

75-Re-179