

Program EVALPLOT  
(Version 2018-1)

by

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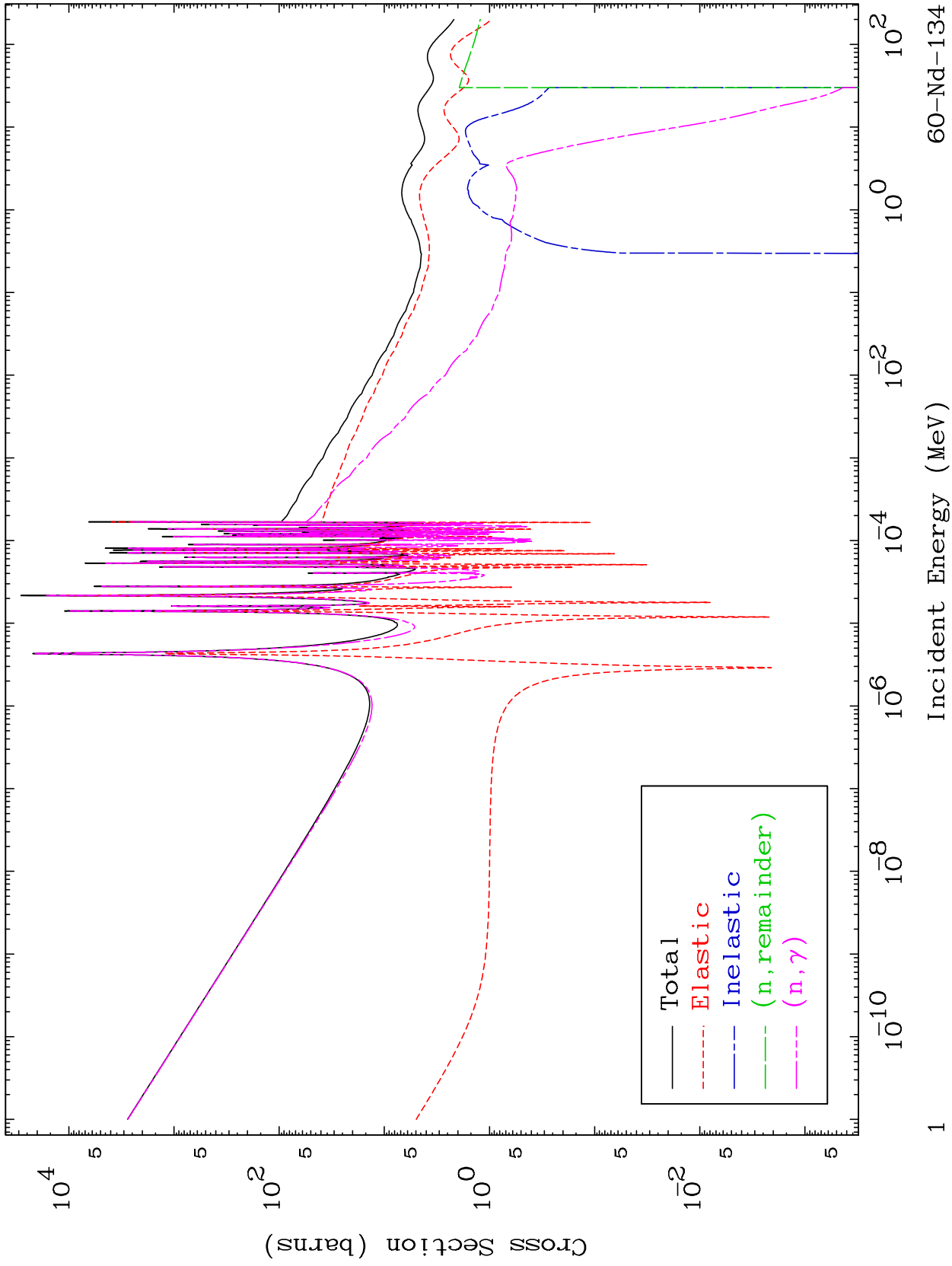
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

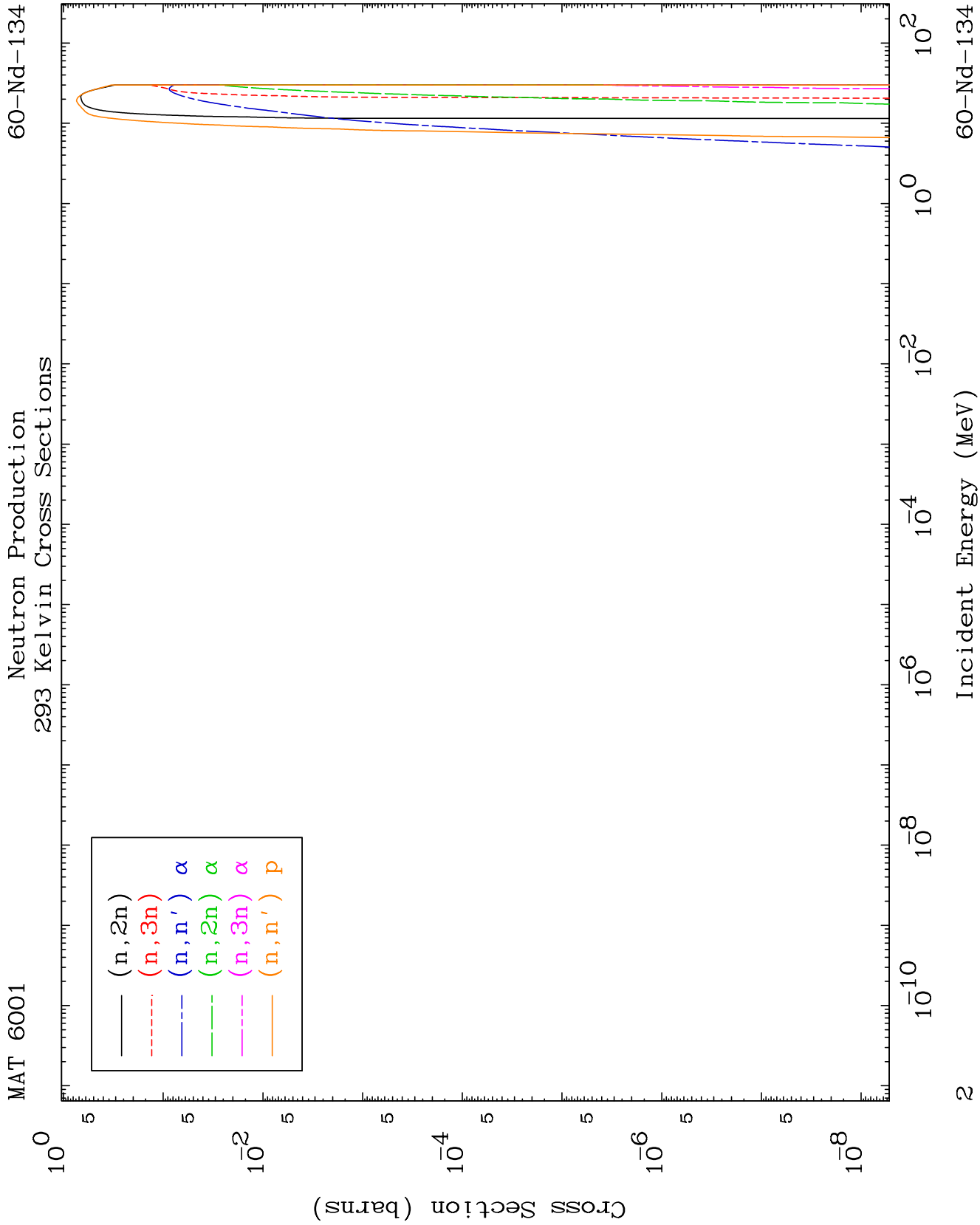
Press Mouse Button to Start

MAT 6001

Major  
293 Kelvin Cross Sections

60-Nd-134

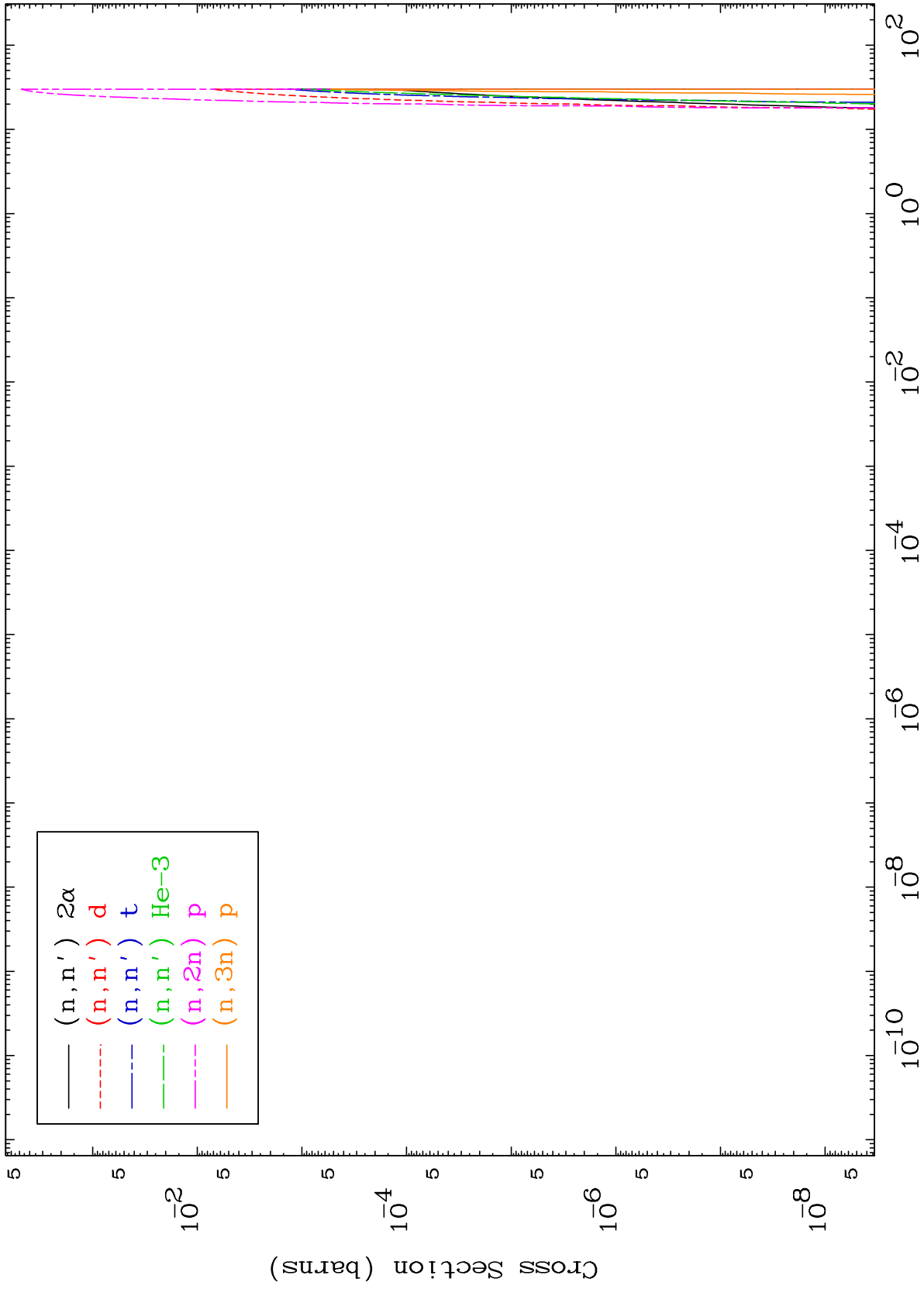




MAT 6001

Neutron Production  
293 Kelvin Cross Sections

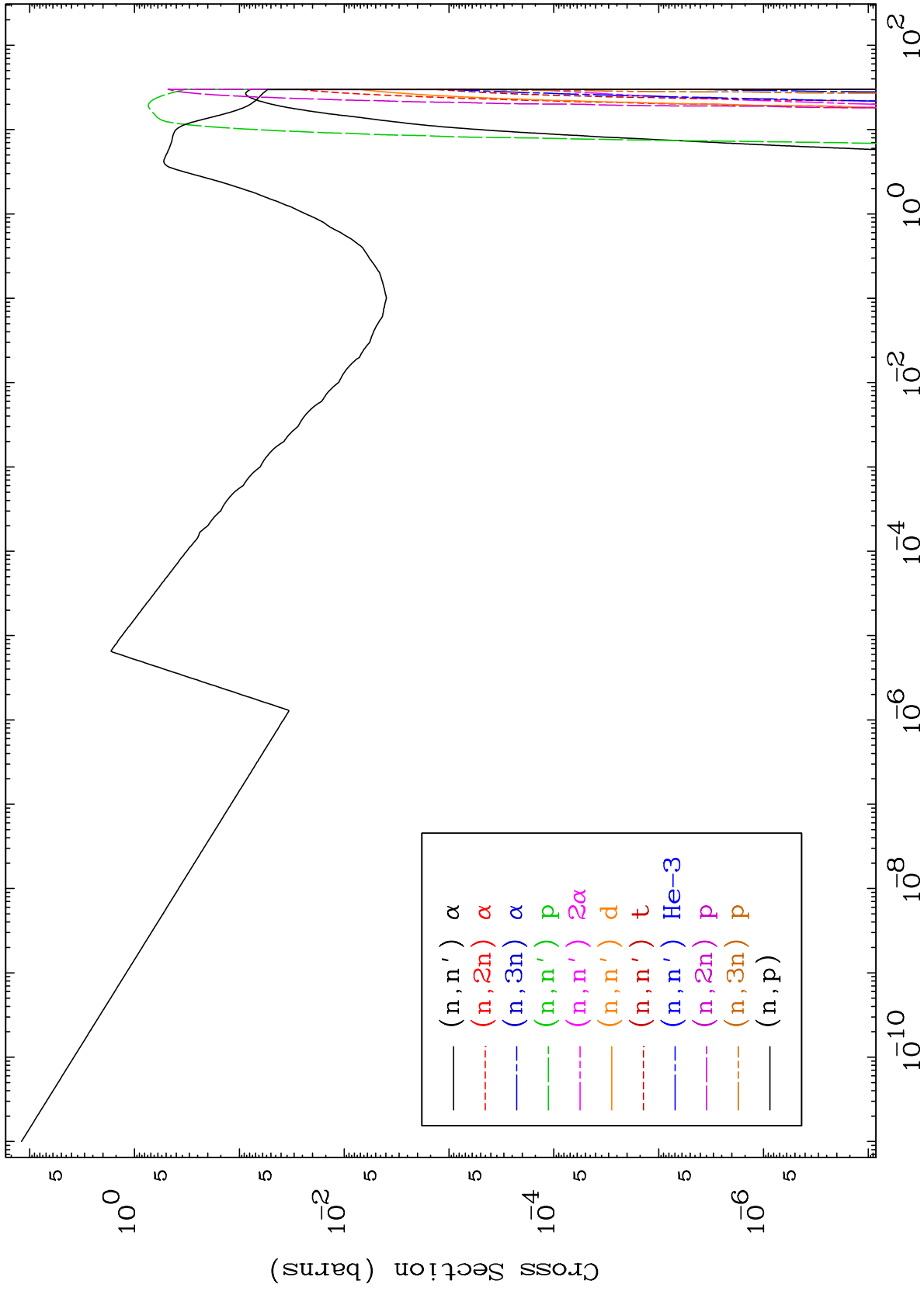
60-Nd-134



MAT 6001

Charged Particle  
293 Kelvin Cross Sections

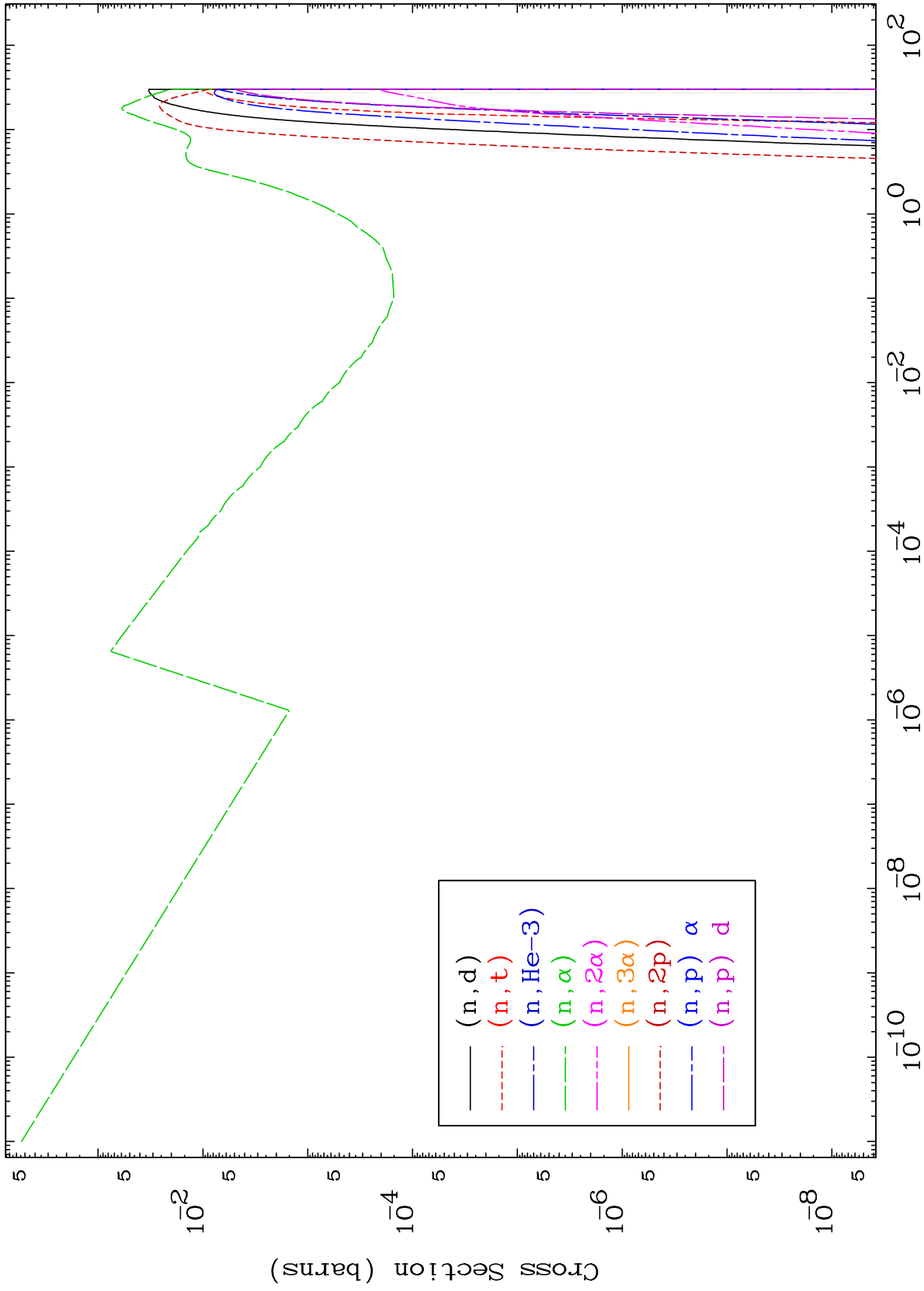
60-Nd-134



MAT 6001

Charged Particle  
293 Kelvin Cross Sections

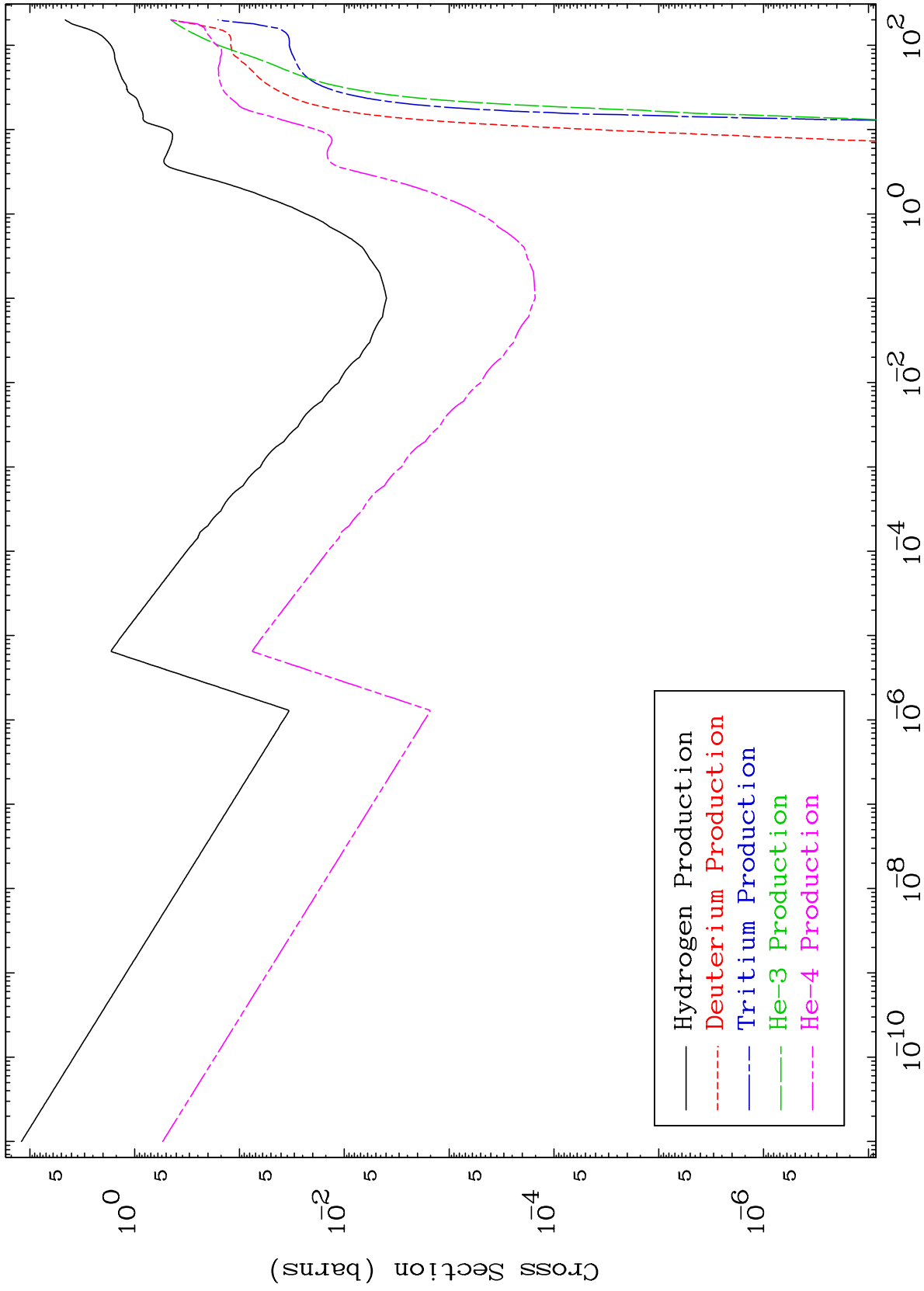
60-Nd-134



MAT 6001

Particle Production  
293 Kelvin Cross Sections

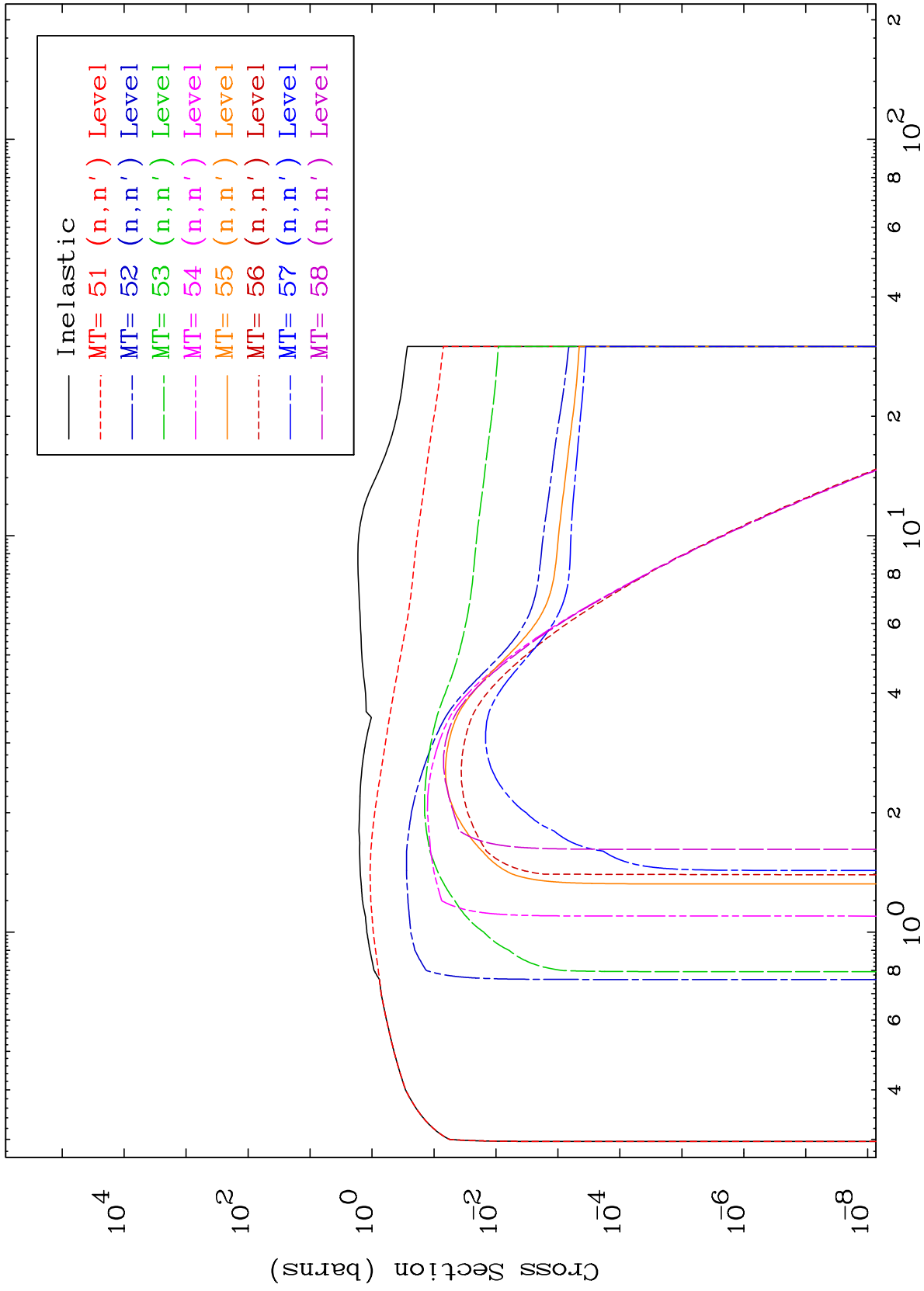
60-Nd-134



MAT 6001

(n,n') Level  
293 Kelvin Cross Sections

60-Nd-134



7

Incident Energy (MeV)

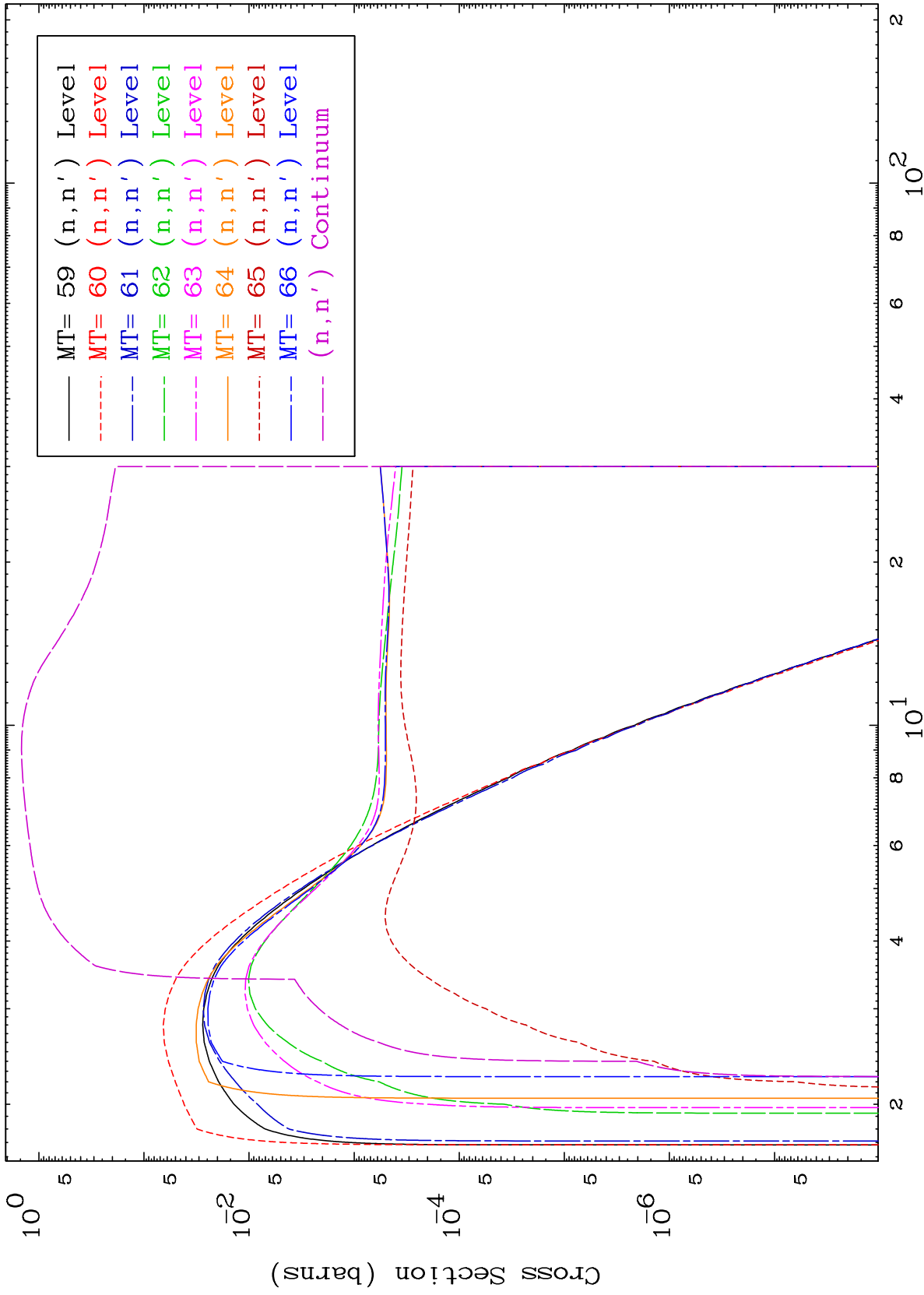
60-Nd-134



MAT 6001

(n,n') Level  
293 Kelvin Cross Sections

60-Nd-134



8

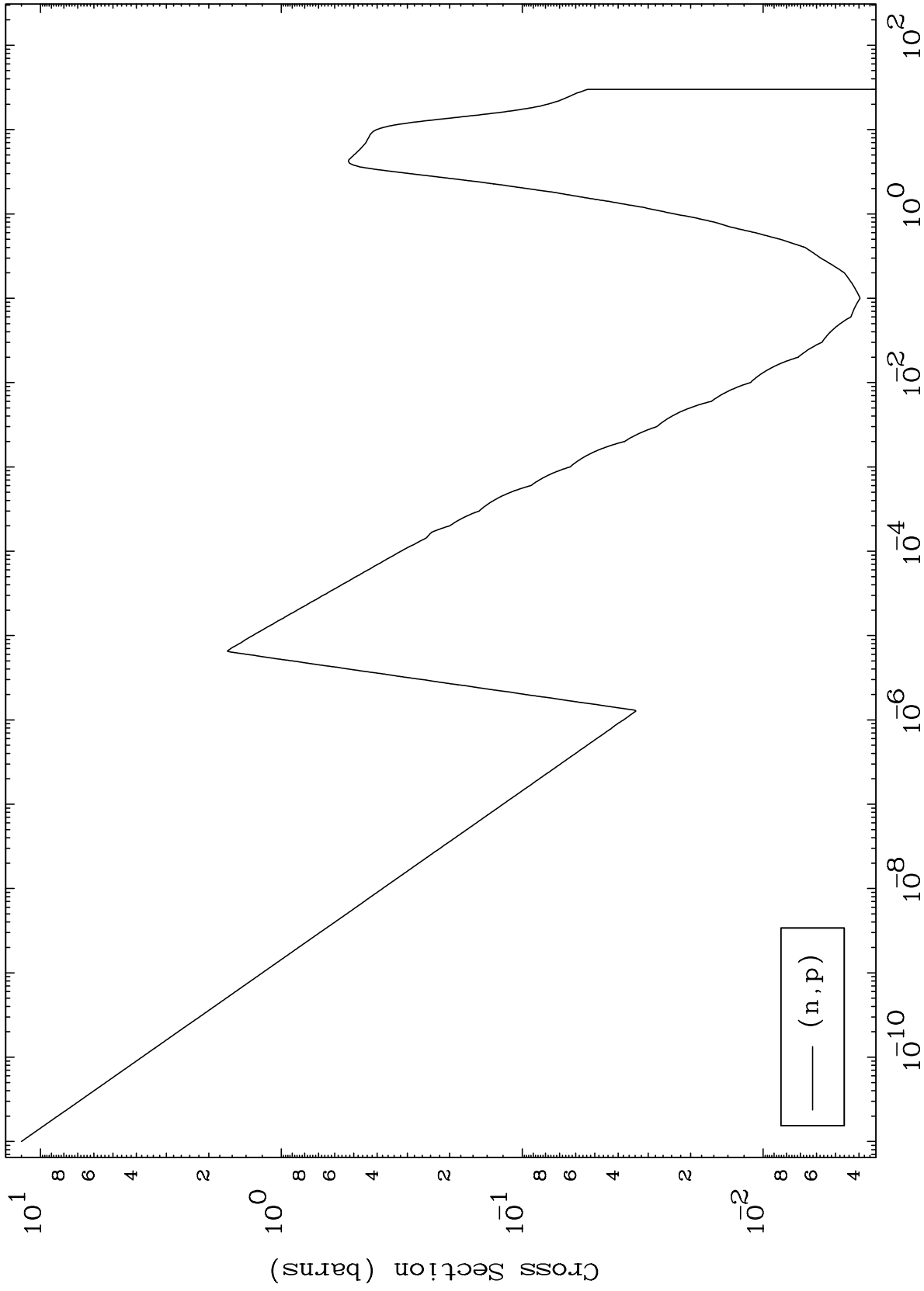
Incident Energy (MeV)

60-Nd-134

MAT 6001

(n,p) Levels  
293 Kelvin Cross Sections

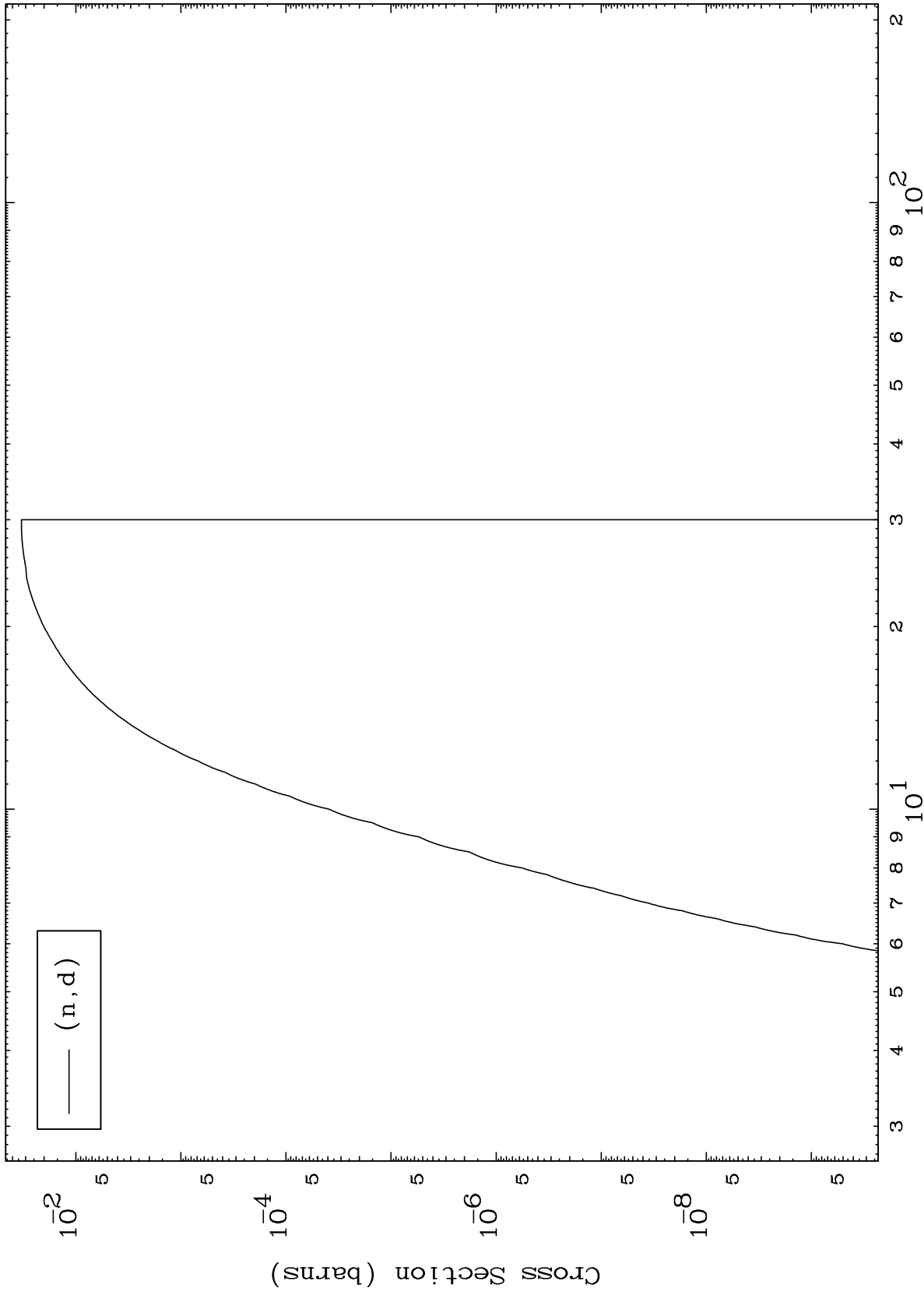
60-Nd-134



MAT 6001

(n,d) Levels  
293 Kelvin Cross Sections

60-Nd-134



10

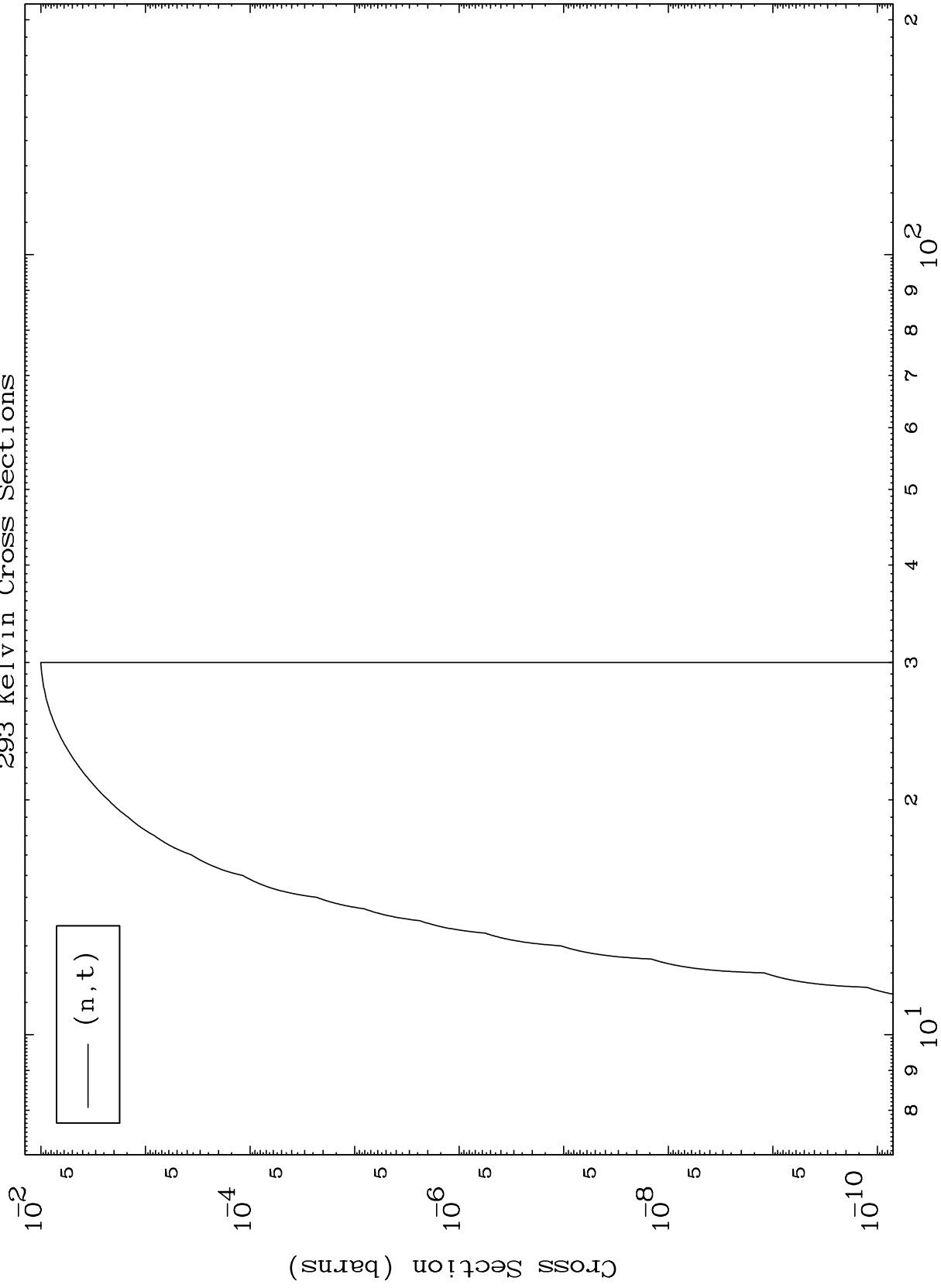
Incident Energy (MeV)

60-Nd-134

MAT 6001

(n,t) Levels  
293 Kelvin Cross Sections

60-Nd-134



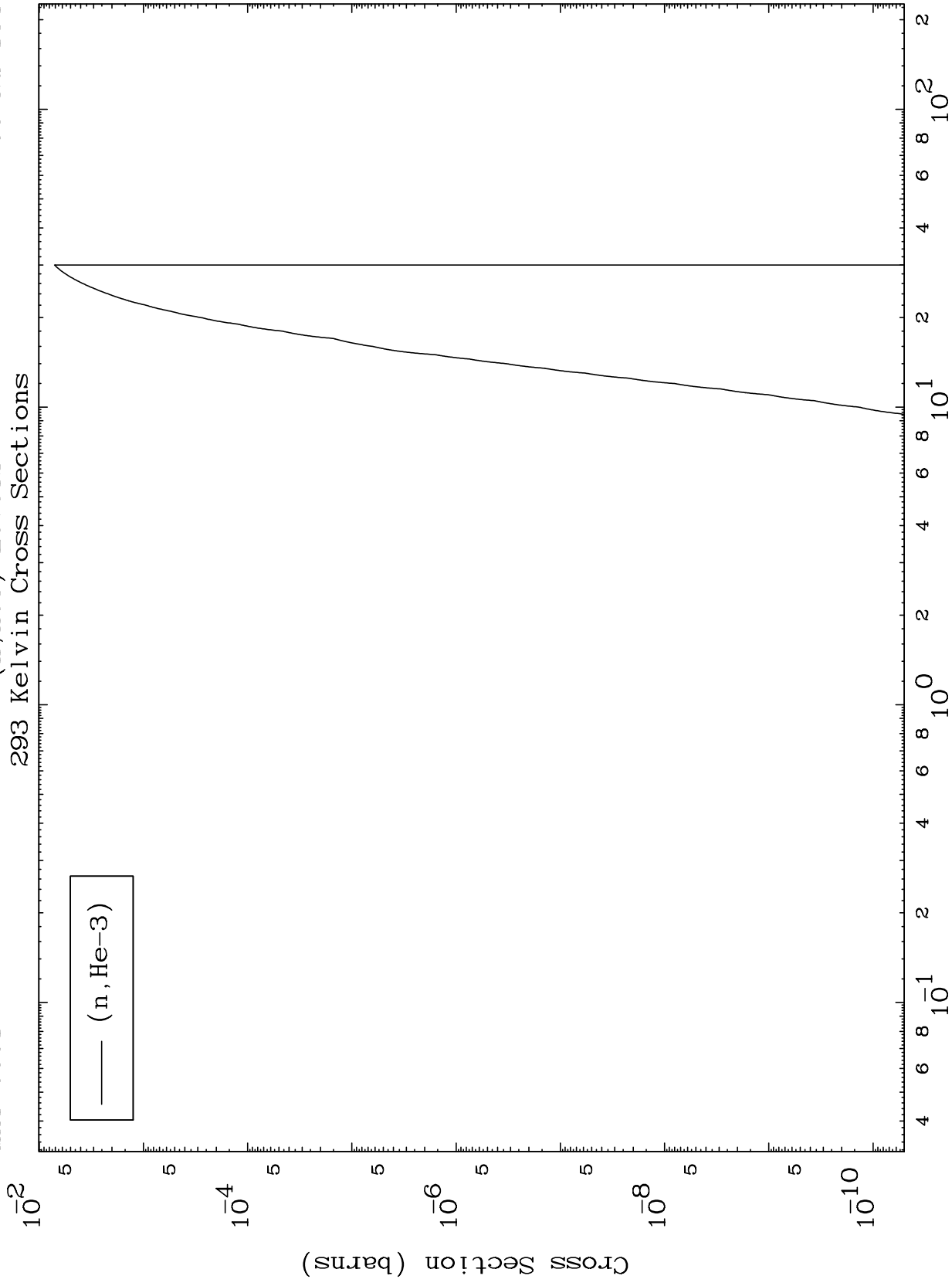
11

60-Nd-134

MAT 6001

(n,He3) Levels  
293 Kelvin Cross Sections

60-Nd-134



12

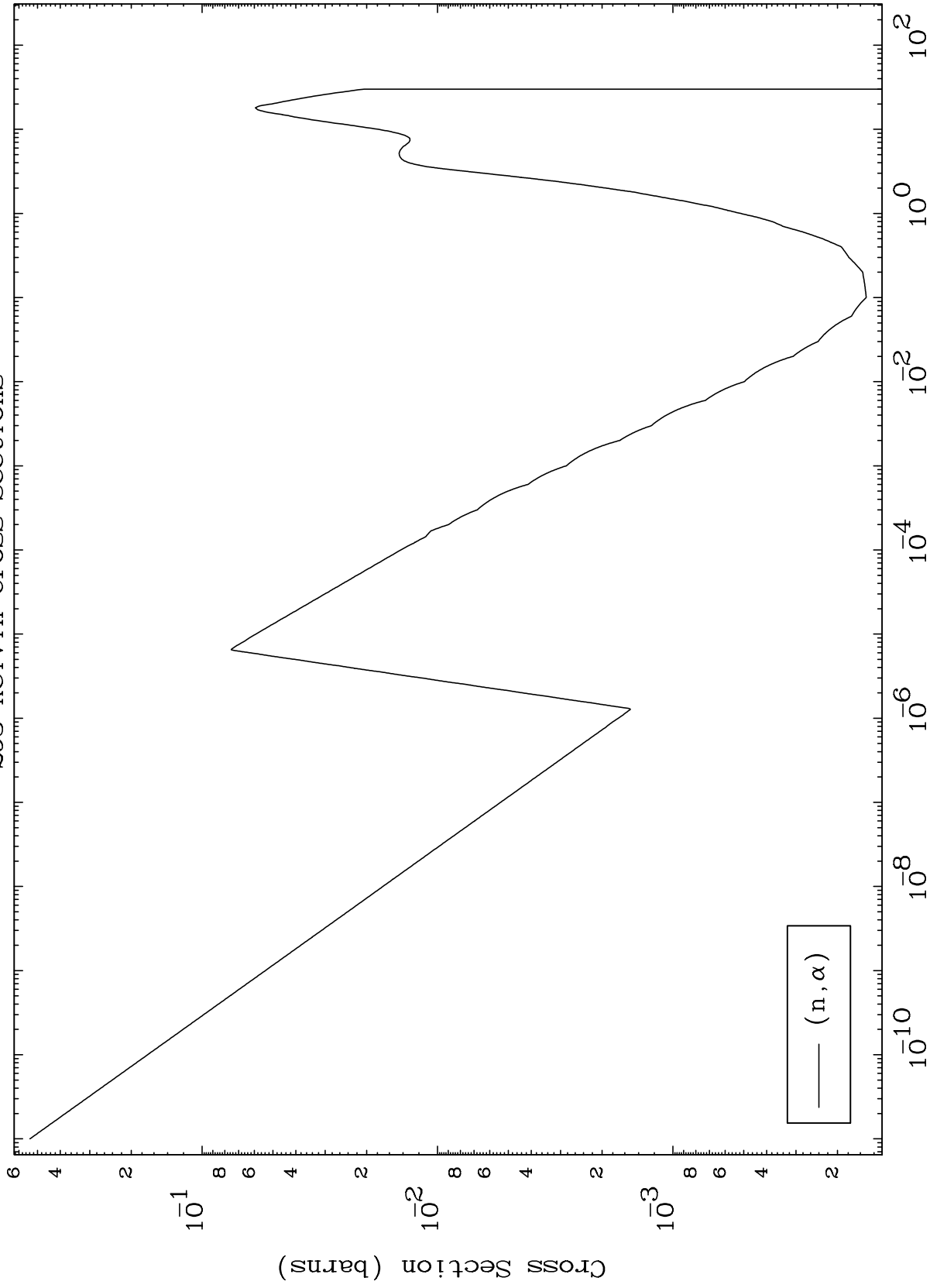
Incident Energy (MeV)

60-Nd-134

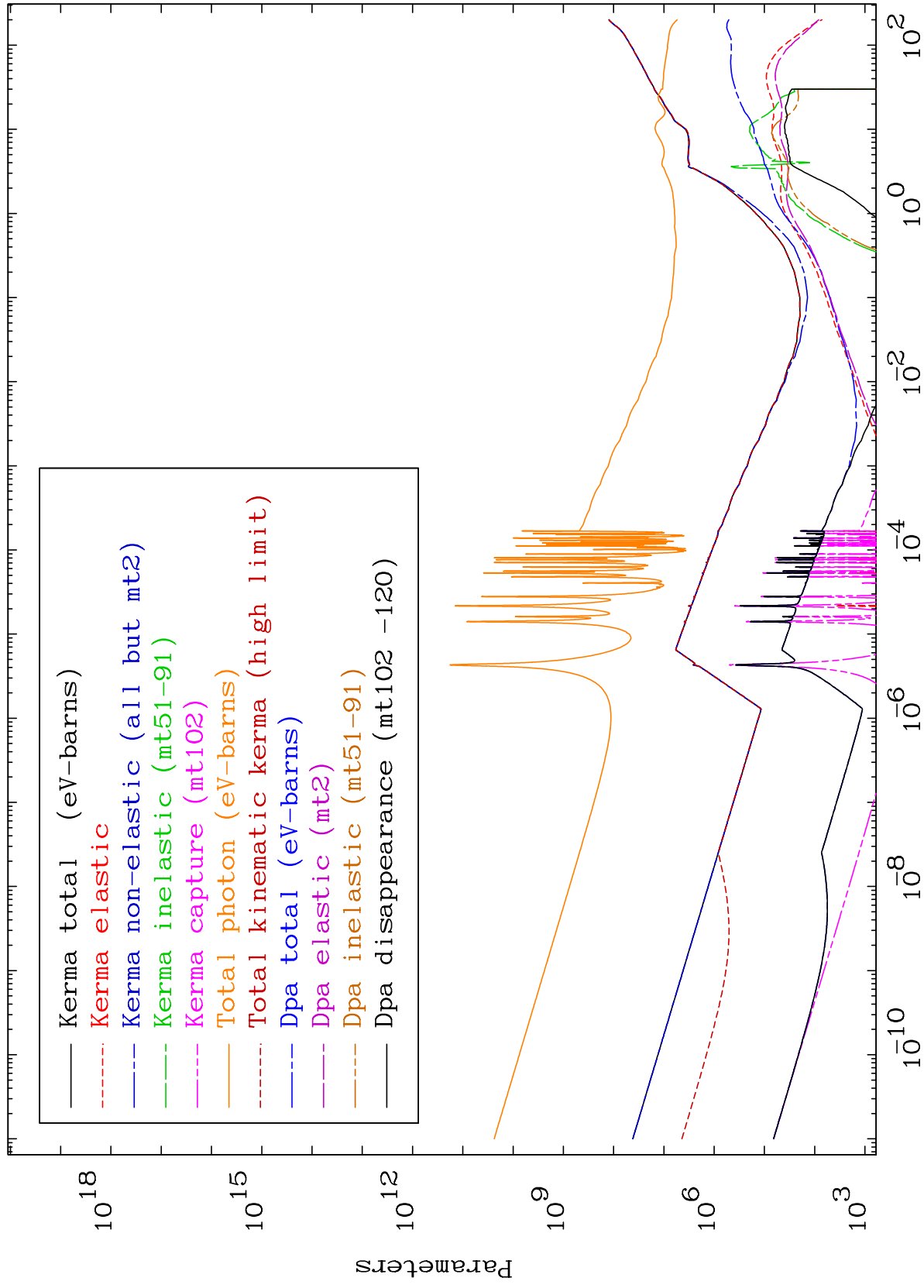
MAT 6001

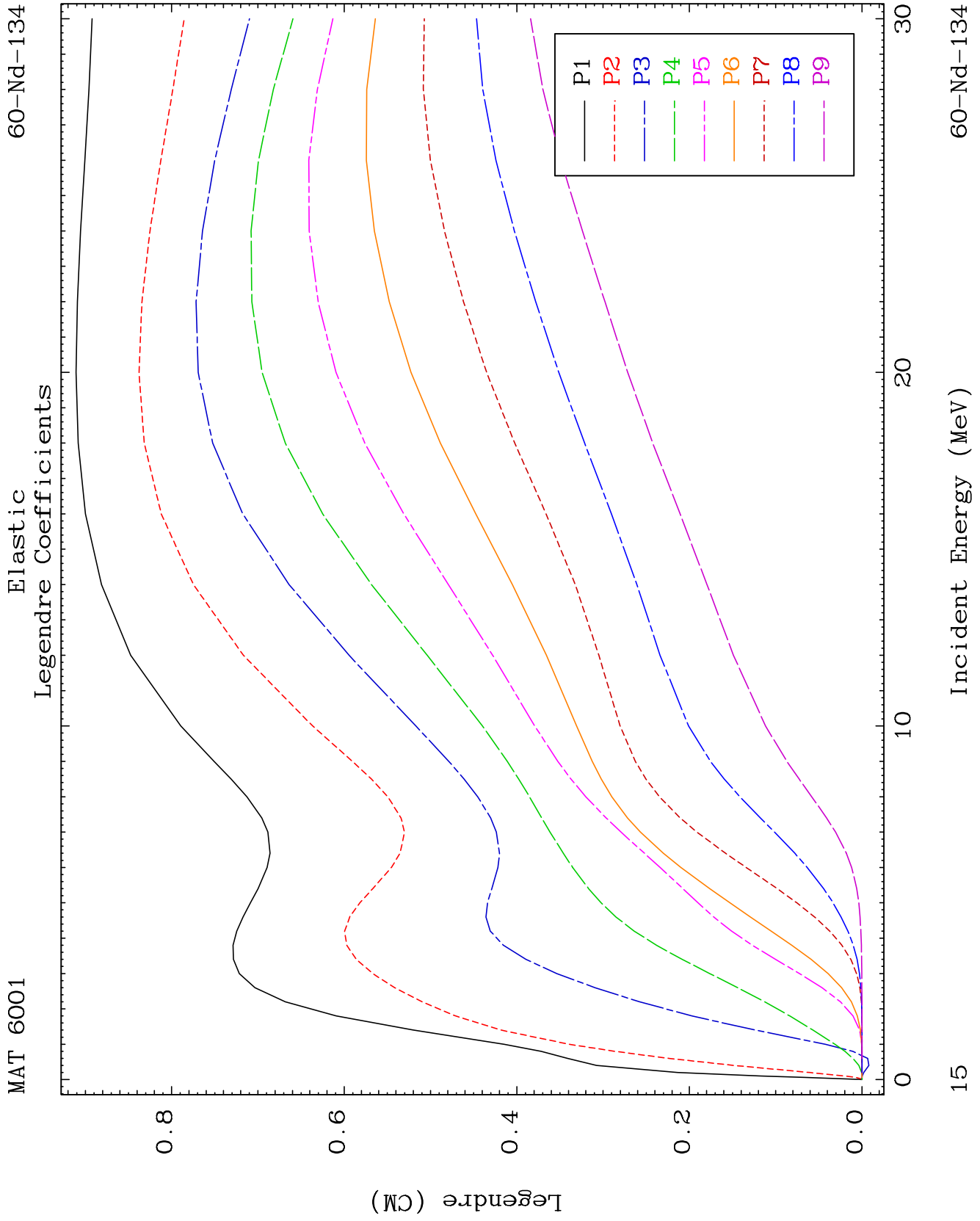
(n,α) Levels  
293 Kelvin Cross Sections

60-Nd-134



— (n,α)





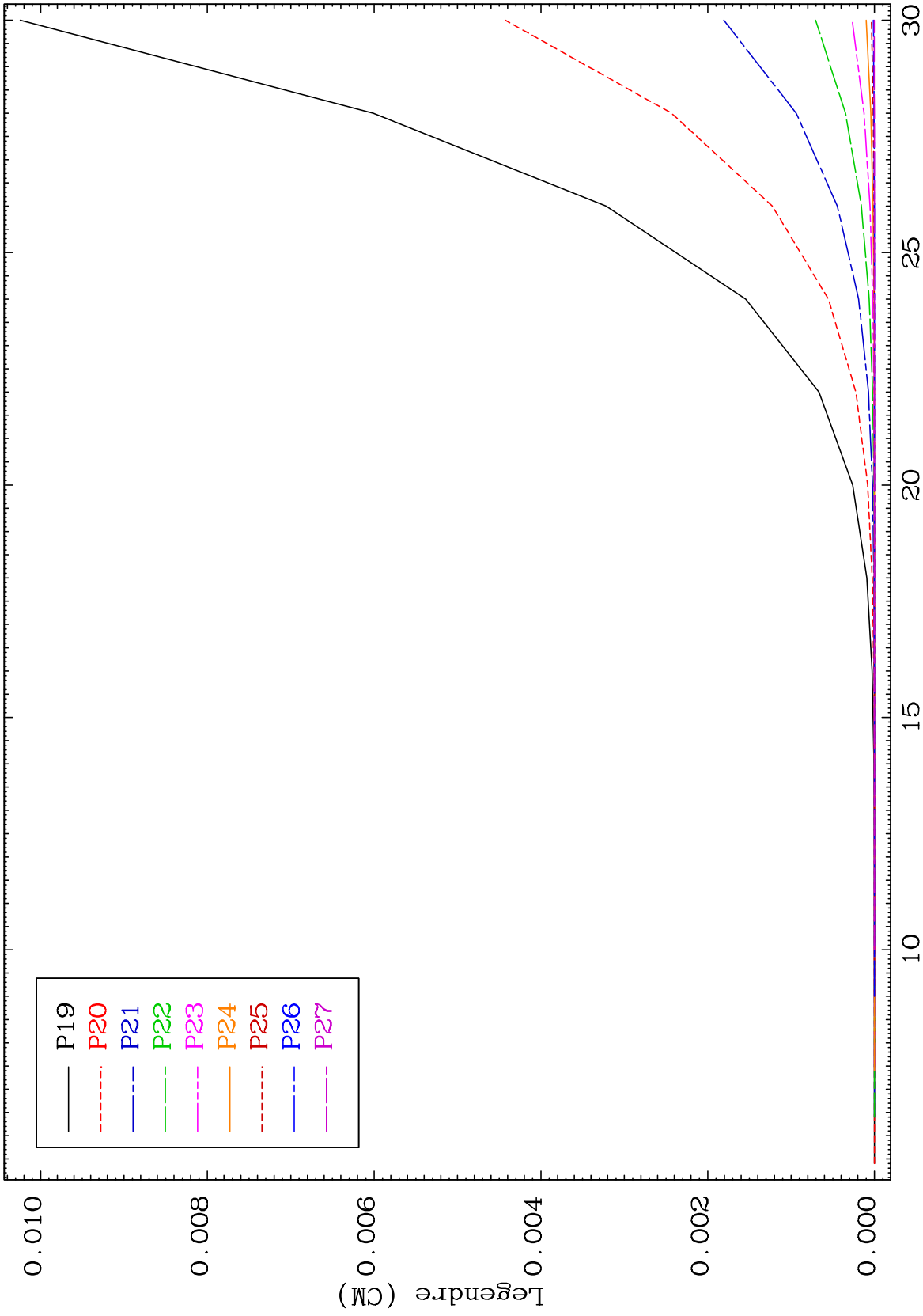




MAT 6001

### Elastic Legendre Coefficients

60-Nd-134



17

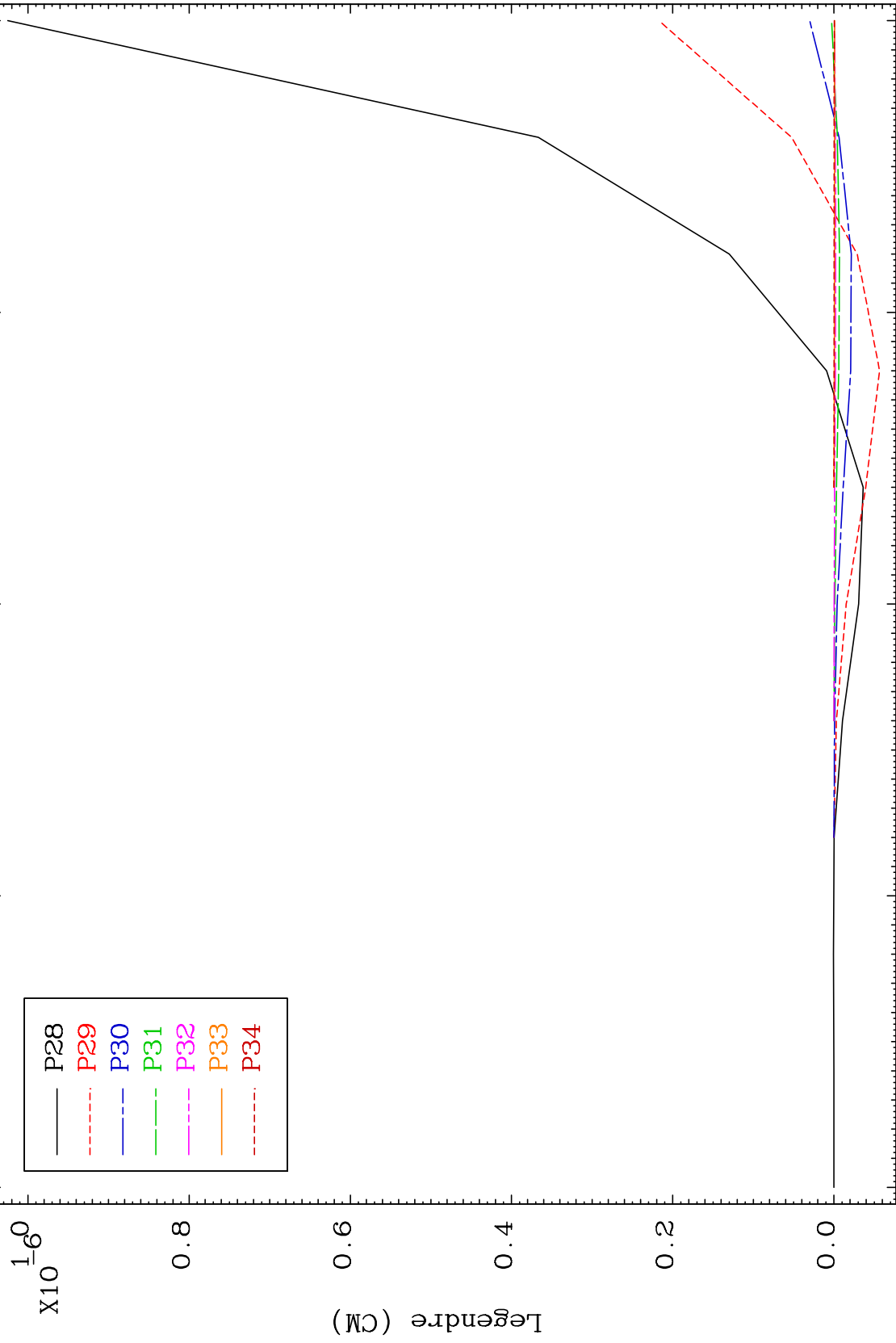
Incident Energy (MeV)

60-Nd-134

MAT 6001

Elastic Legendre Coefficients

60-Nd-134

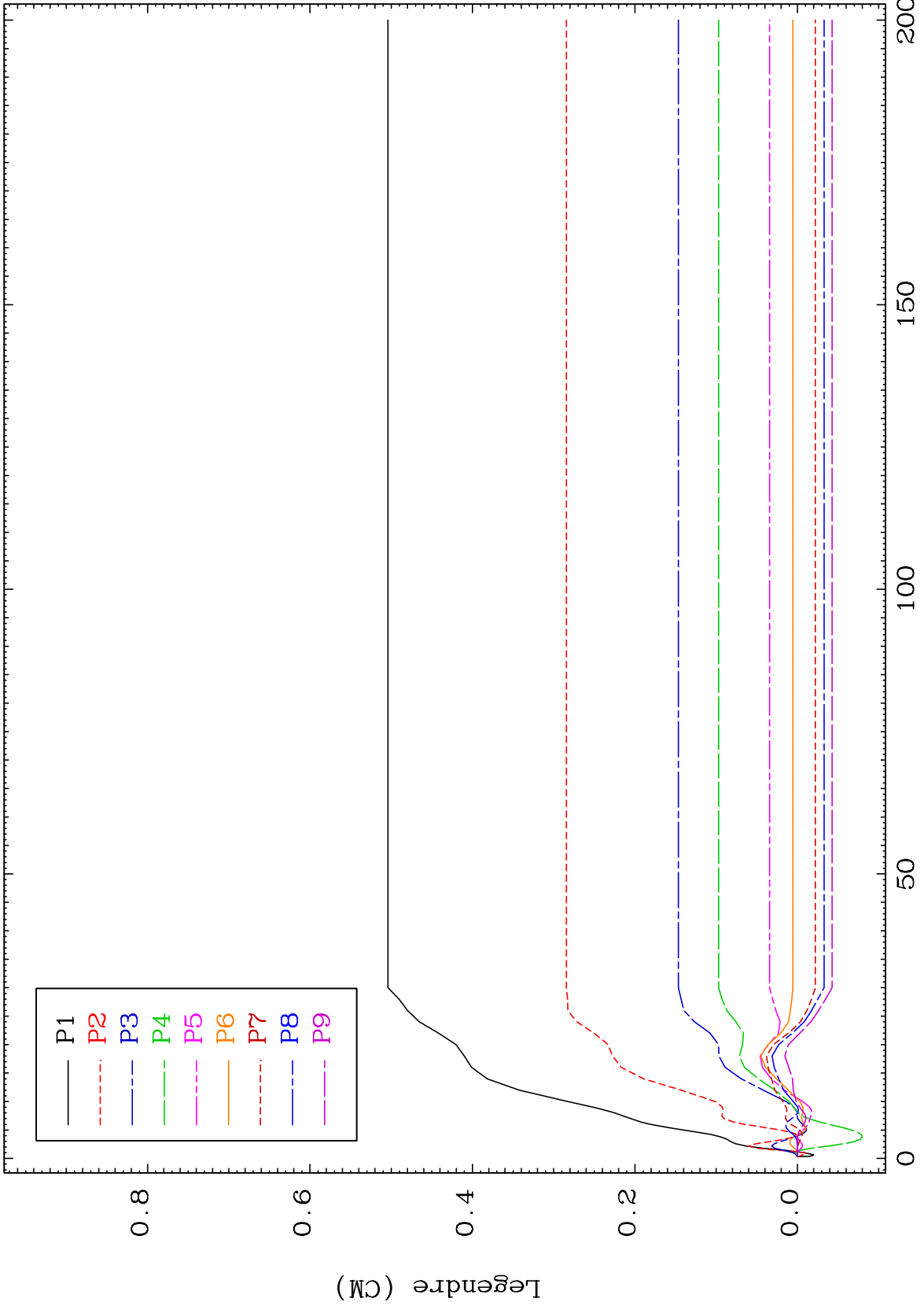


18

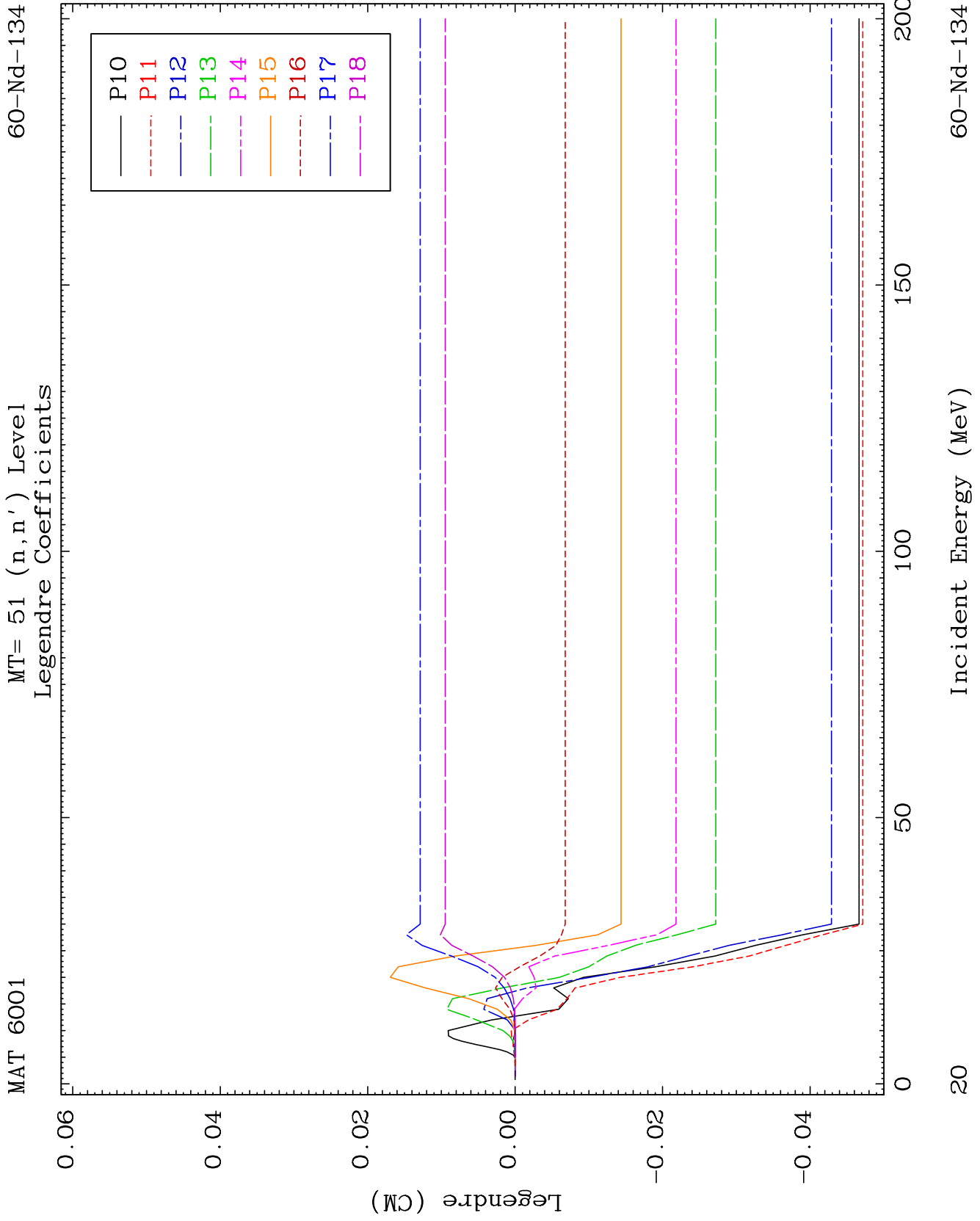
Incident Energy (MeV)

60-Nd-134

MAT 6001 MT= 51 (n,n') Level Legendre Coefficients 60-Nd-134



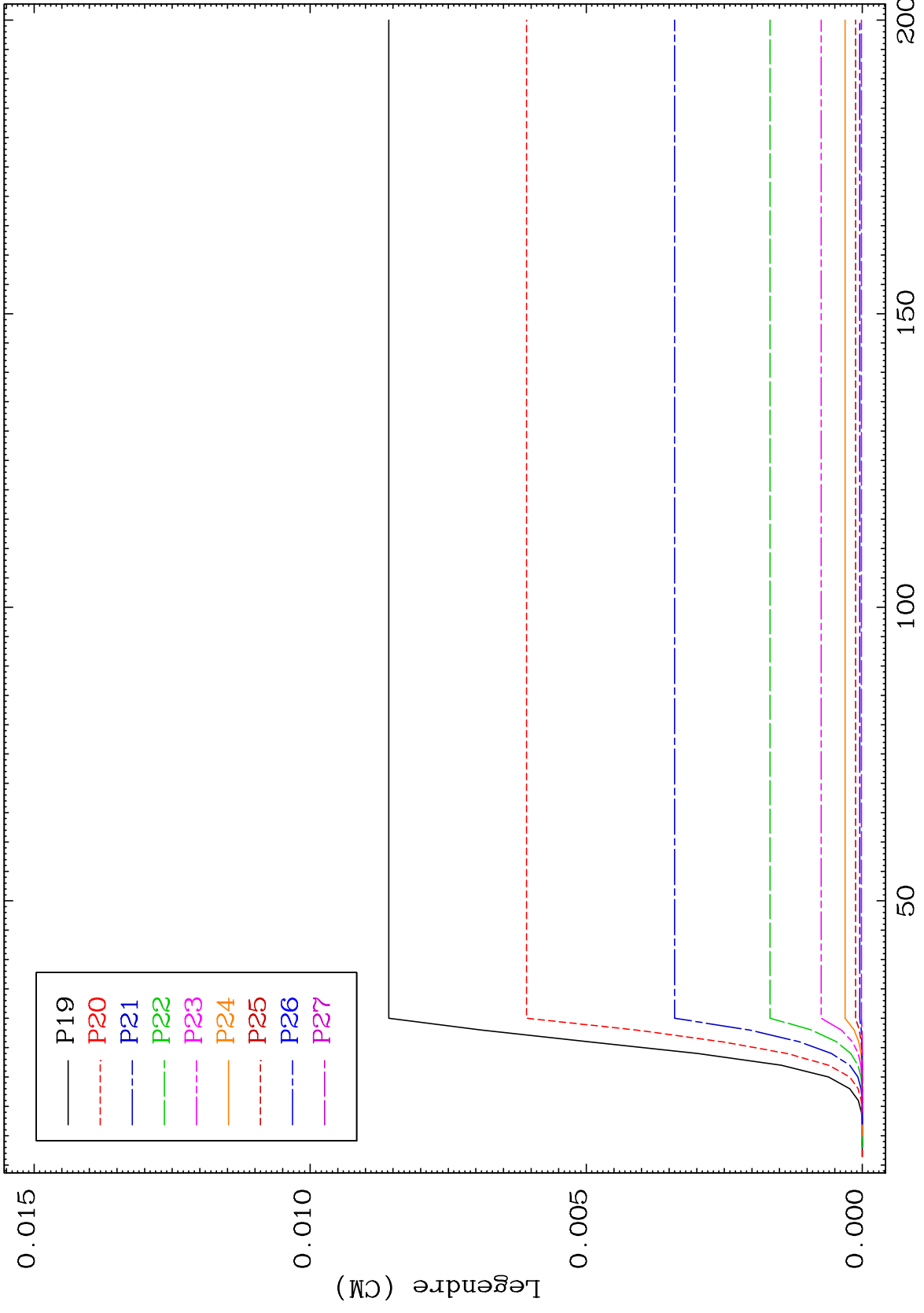
19 Incident Energy (MeV) 60-Nd-134



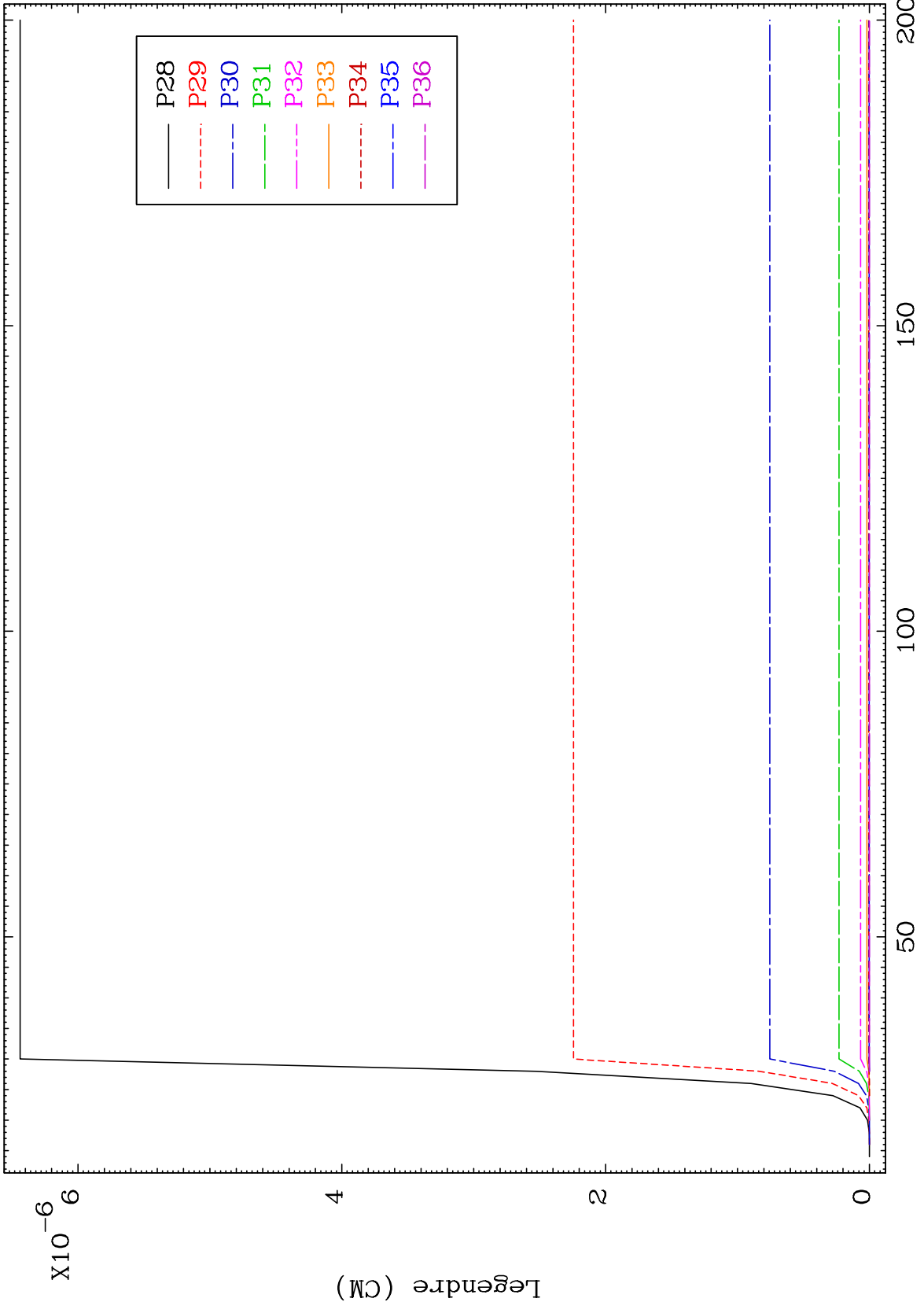
MAT 6001 MT= 51 (n,n') Level Legendre Coefficients

60-Nd-134

60-Nd-134

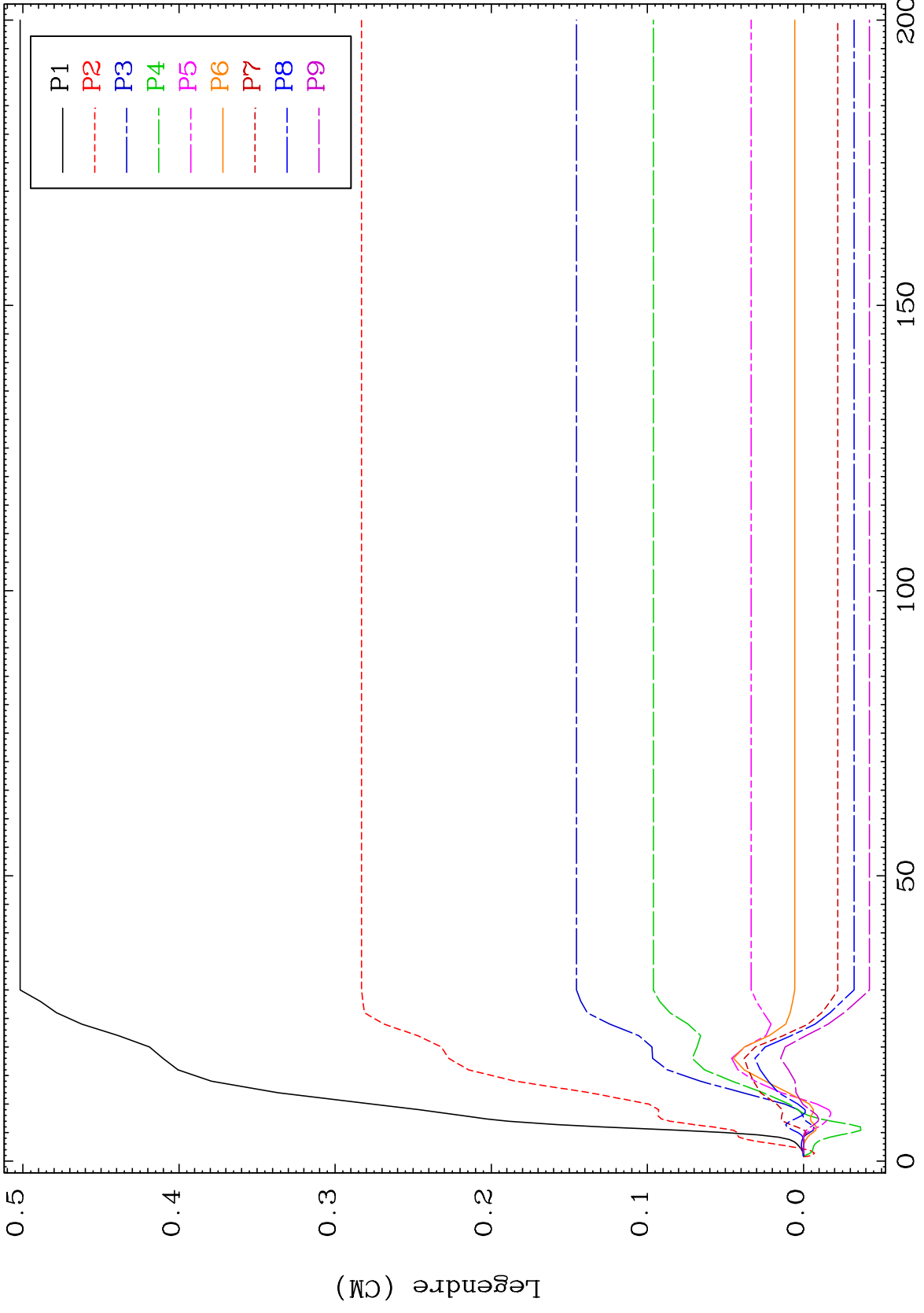


MAT 6001 MT= 51 (n,n') Level Legendre Coefficients 60-Nd-134



22 Incident Energy (MeV) 60-Nd-134

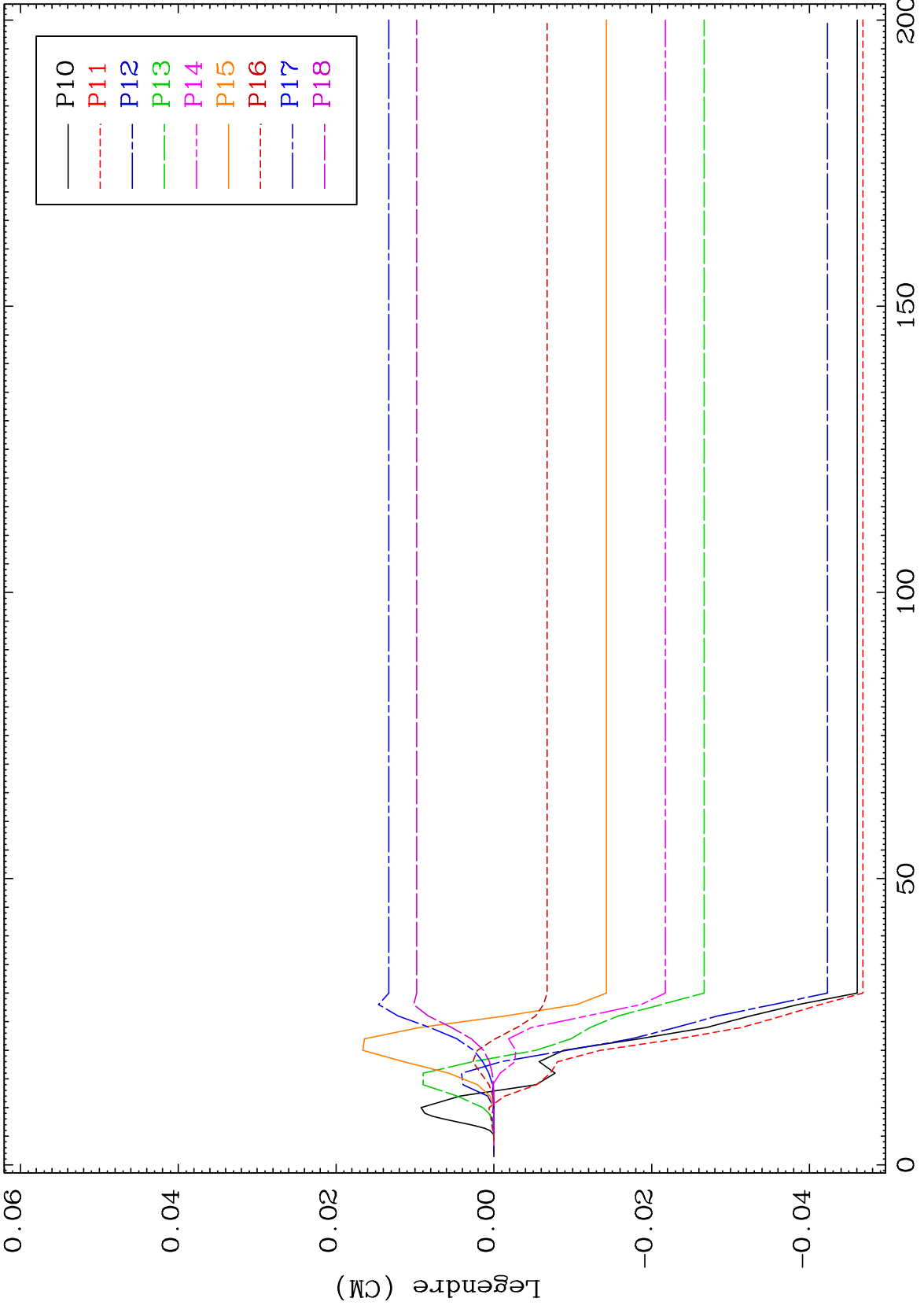
MAT 6001 MT= 52 (n,n') Level Legendre Coefficients 60-Nd-134



23 60-Nd-134

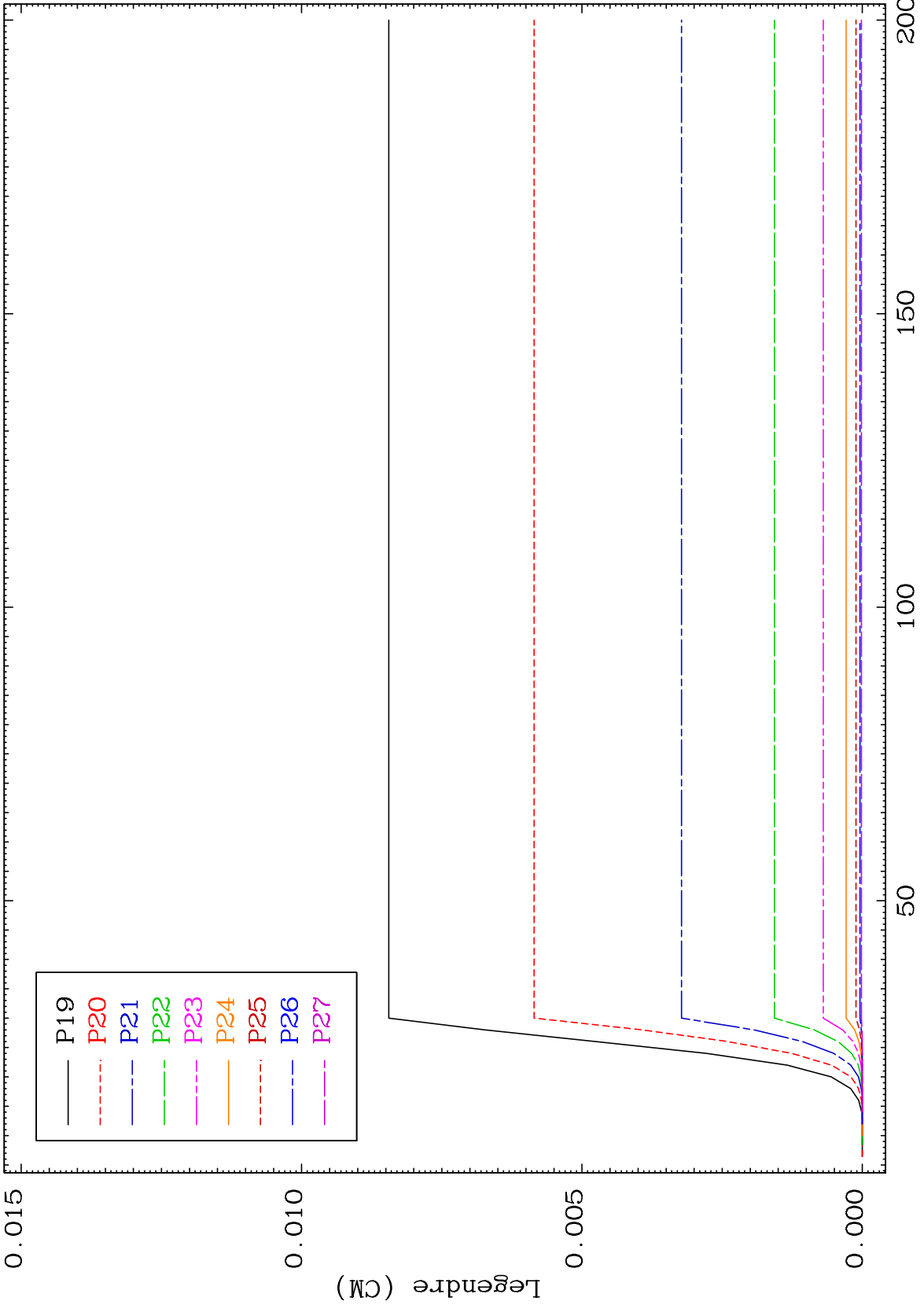


MAT 6001 MT= 52 (n,n') Level Legendre Coefficients 60-Nd-134



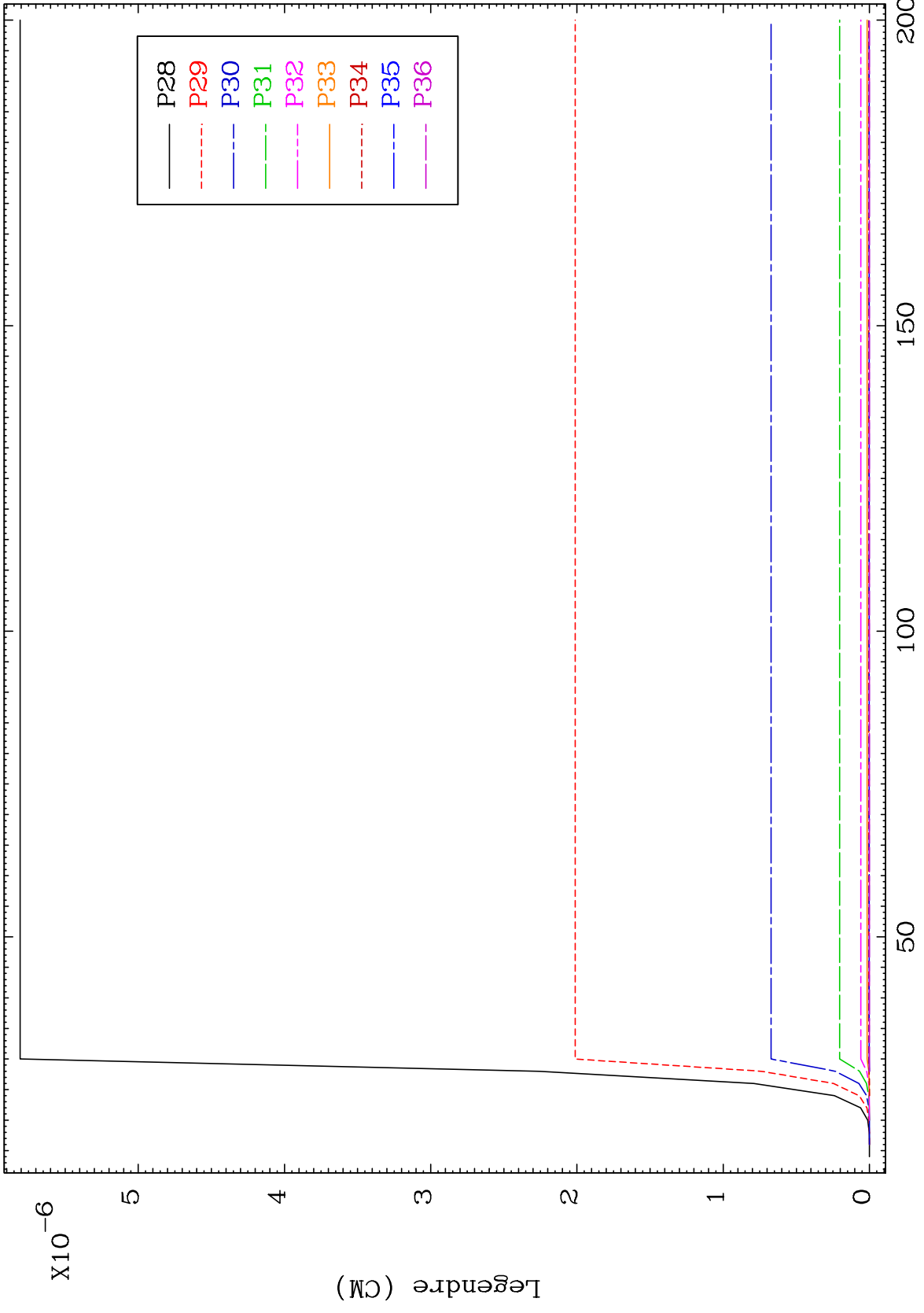
24 60-Nd-134

MAT 6001 MT= 52 (n,n') Level Legendre Coefficients 60-Nd-134



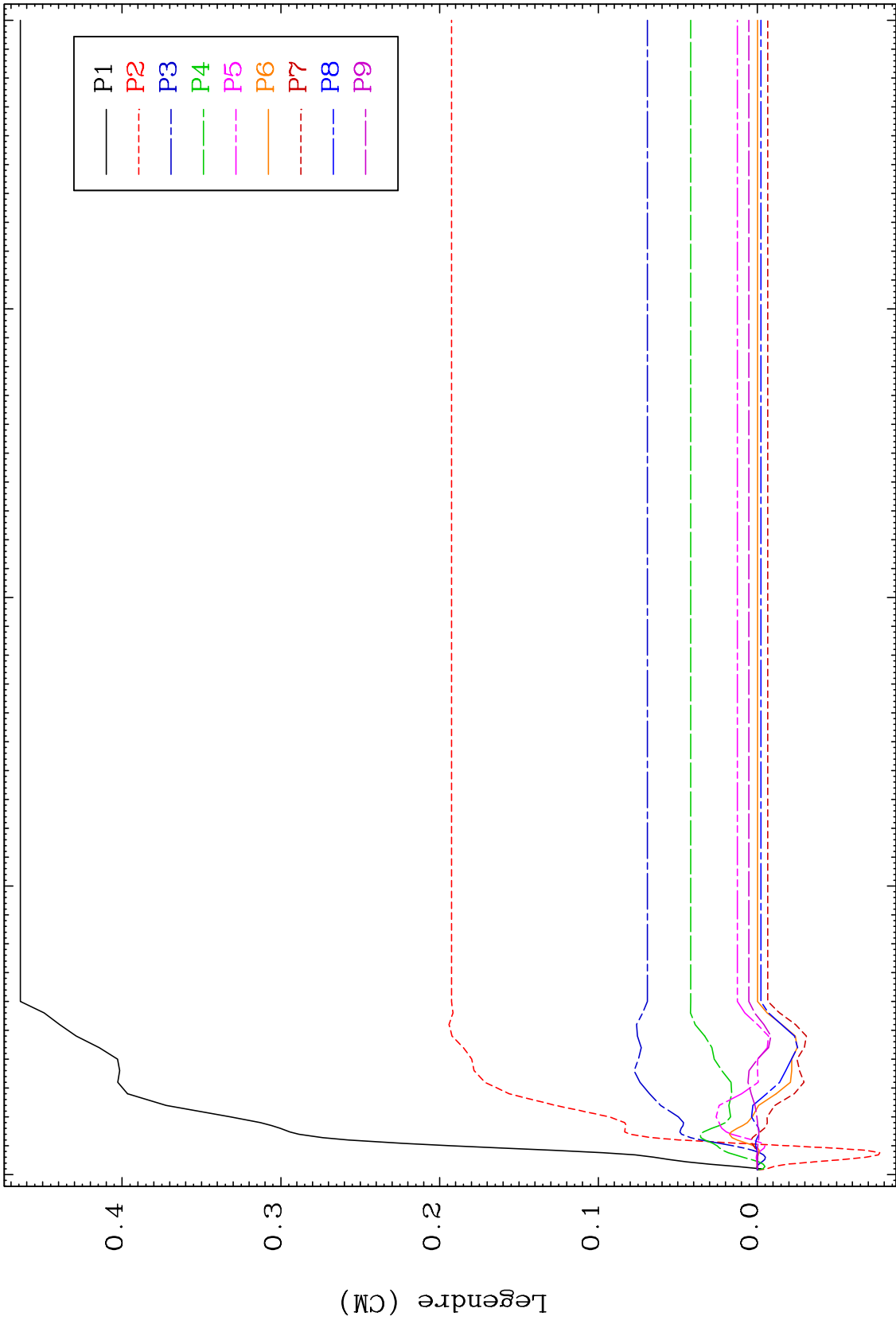
25 Incident Energy (MeV) 60-Nd-134

MAT 6001 MT= 52 (n,n') Level Legendre Coefficients 60-Nd-134



26 60-Nd-134

MAT 6001 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-134

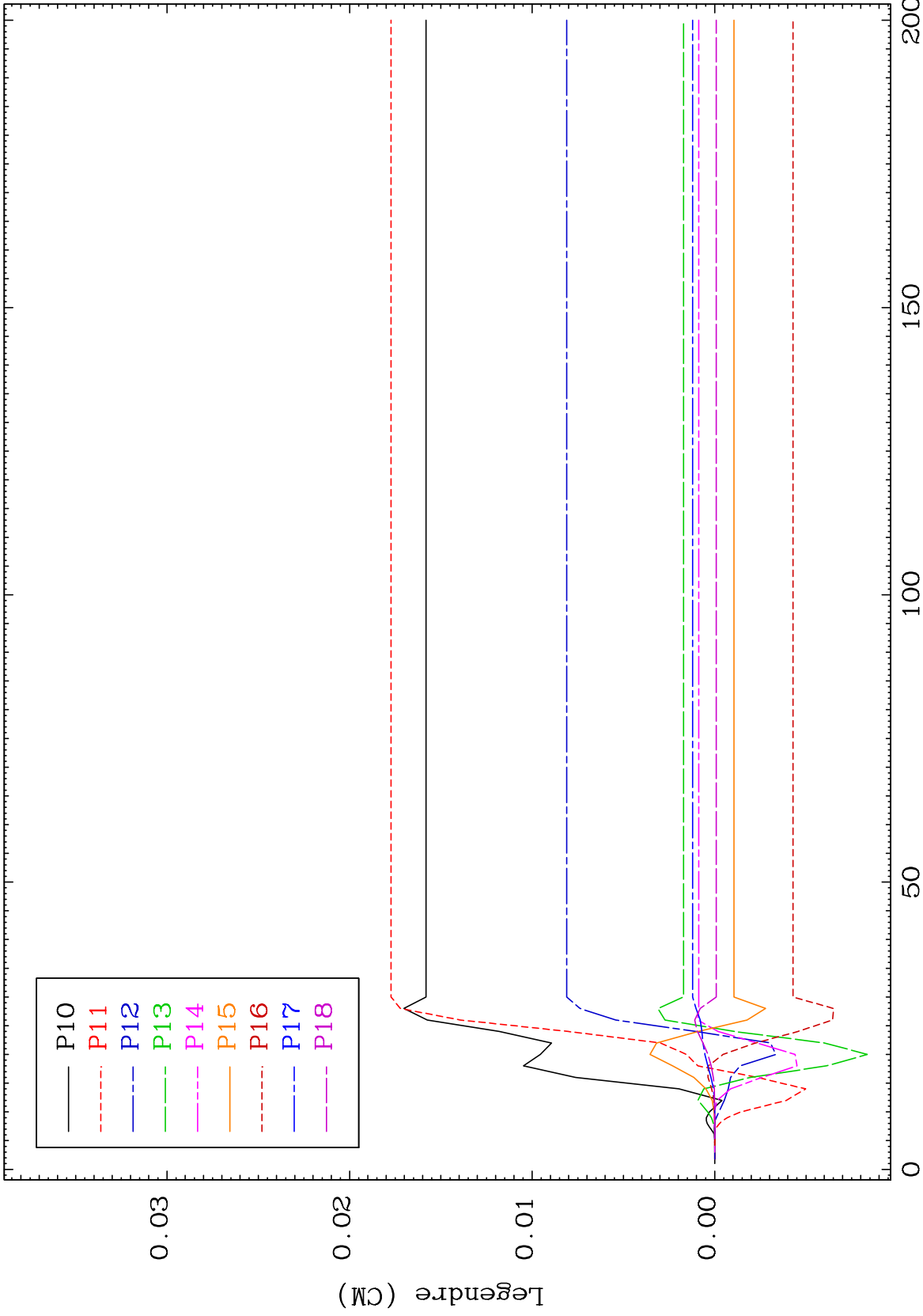


27 Incident Energy (MeV) 60-Nd-134

MAT 6001

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

60-Nd-134



28

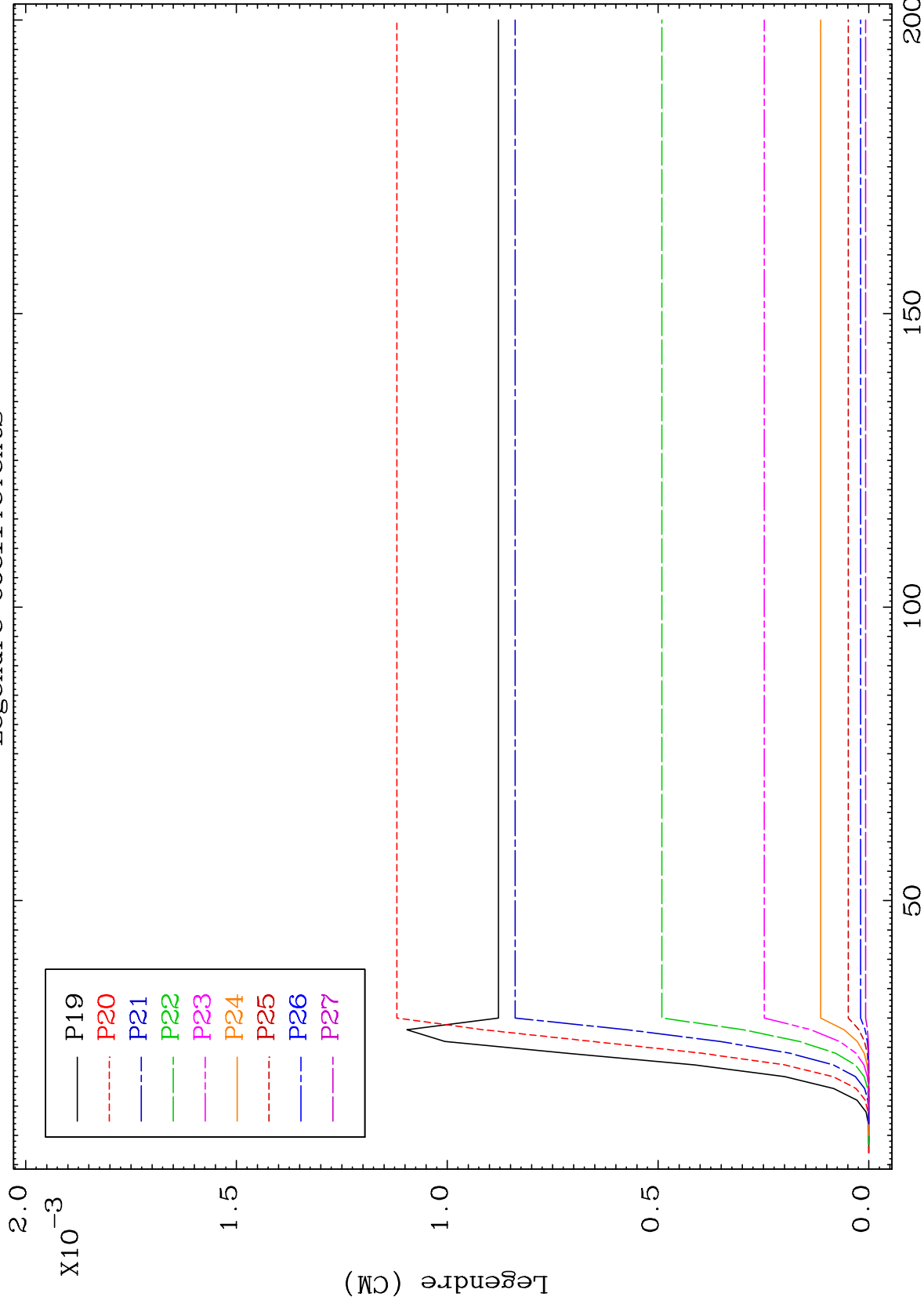
Incident Energy (MeV)

60-Nd-134

MAT 6001

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

60-Nd-134

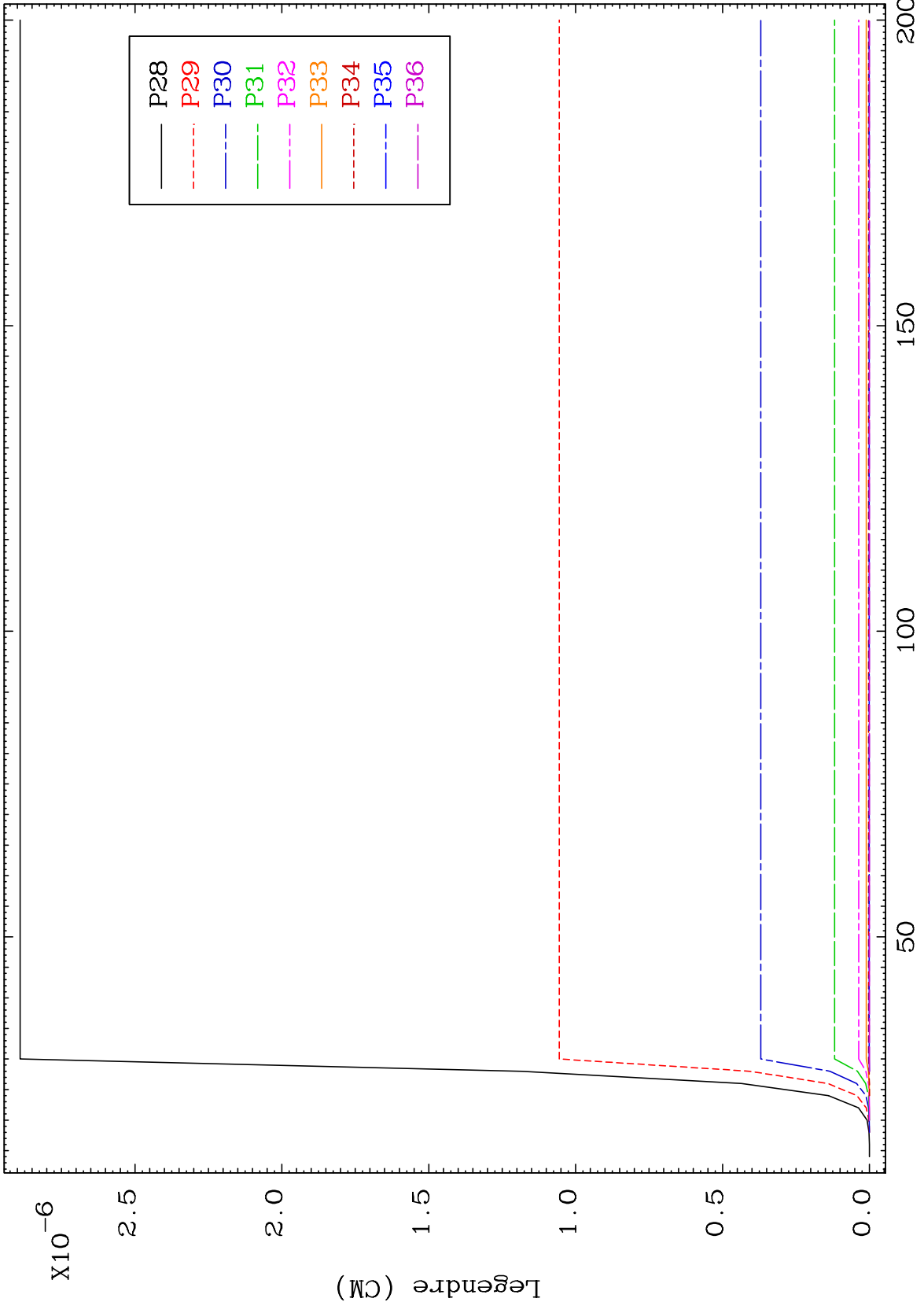


29

Incident Energy (MeV)

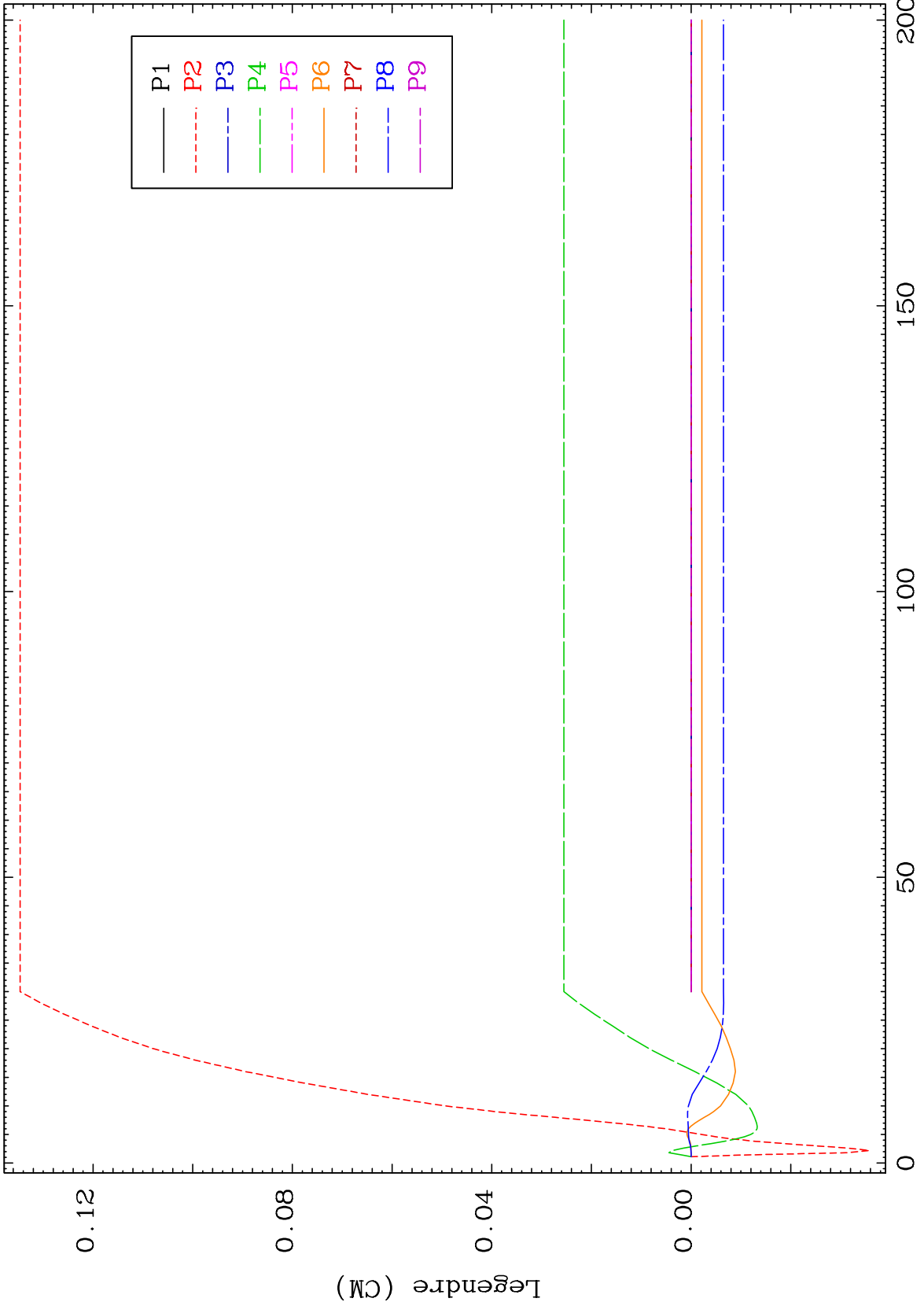
60-Nd-134

MAT 6001 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-134



30 50 100 150 200 Incident Energy (MeV) 60-Nd-134

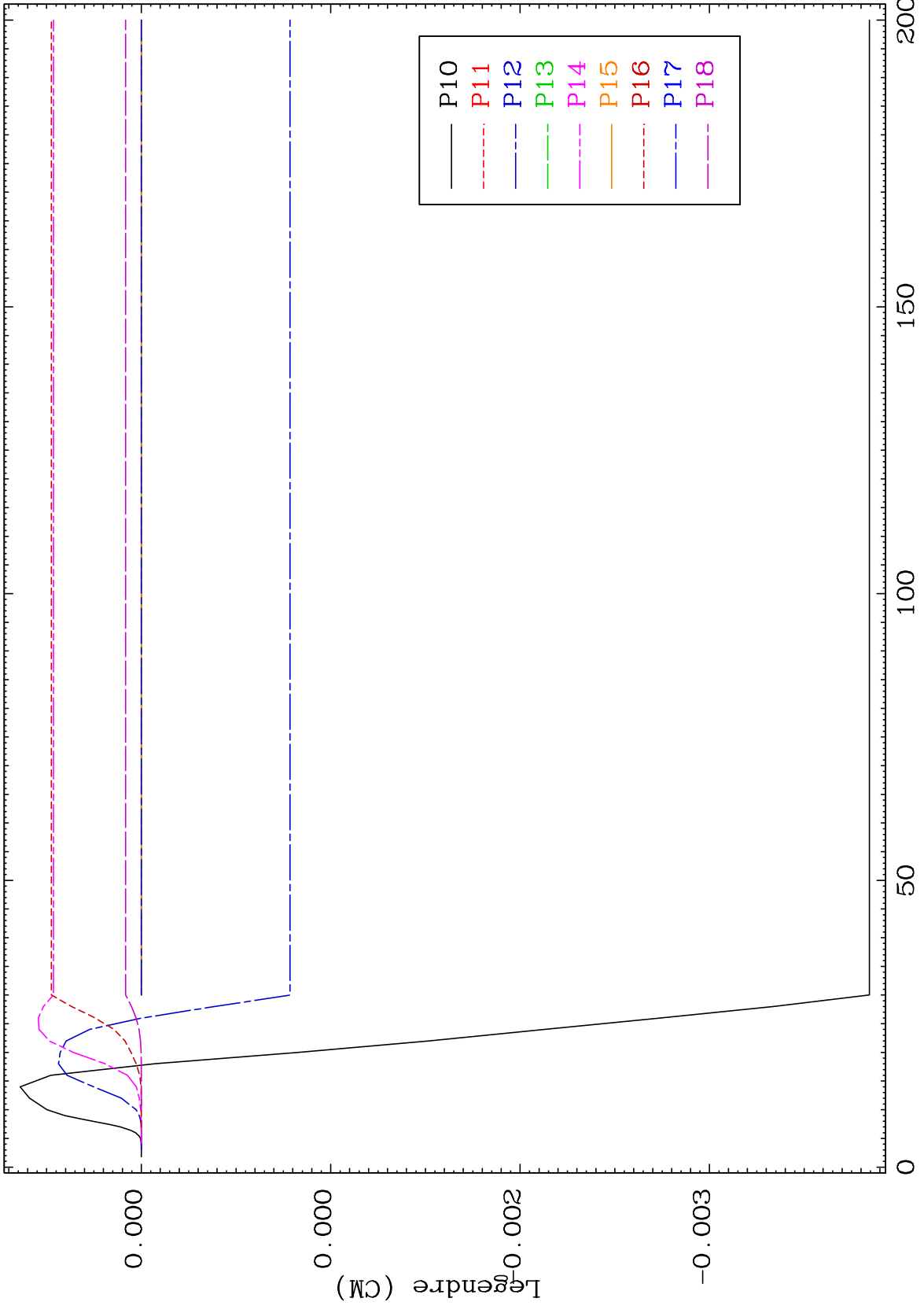
MAT 6001 MT= 54 (n,n') Level Legendre Coefficients 60-Nd-134



31 60-Nd-134

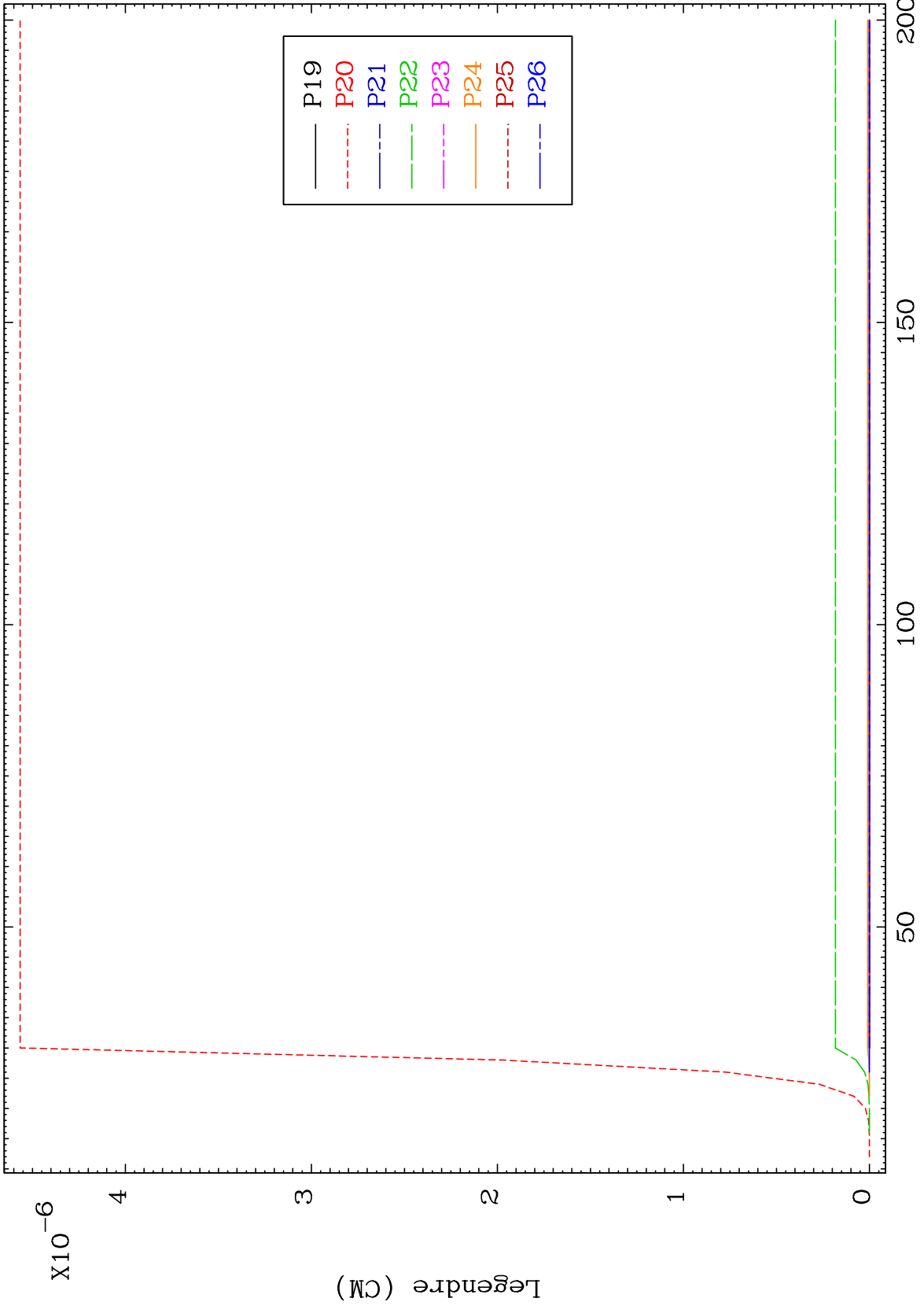


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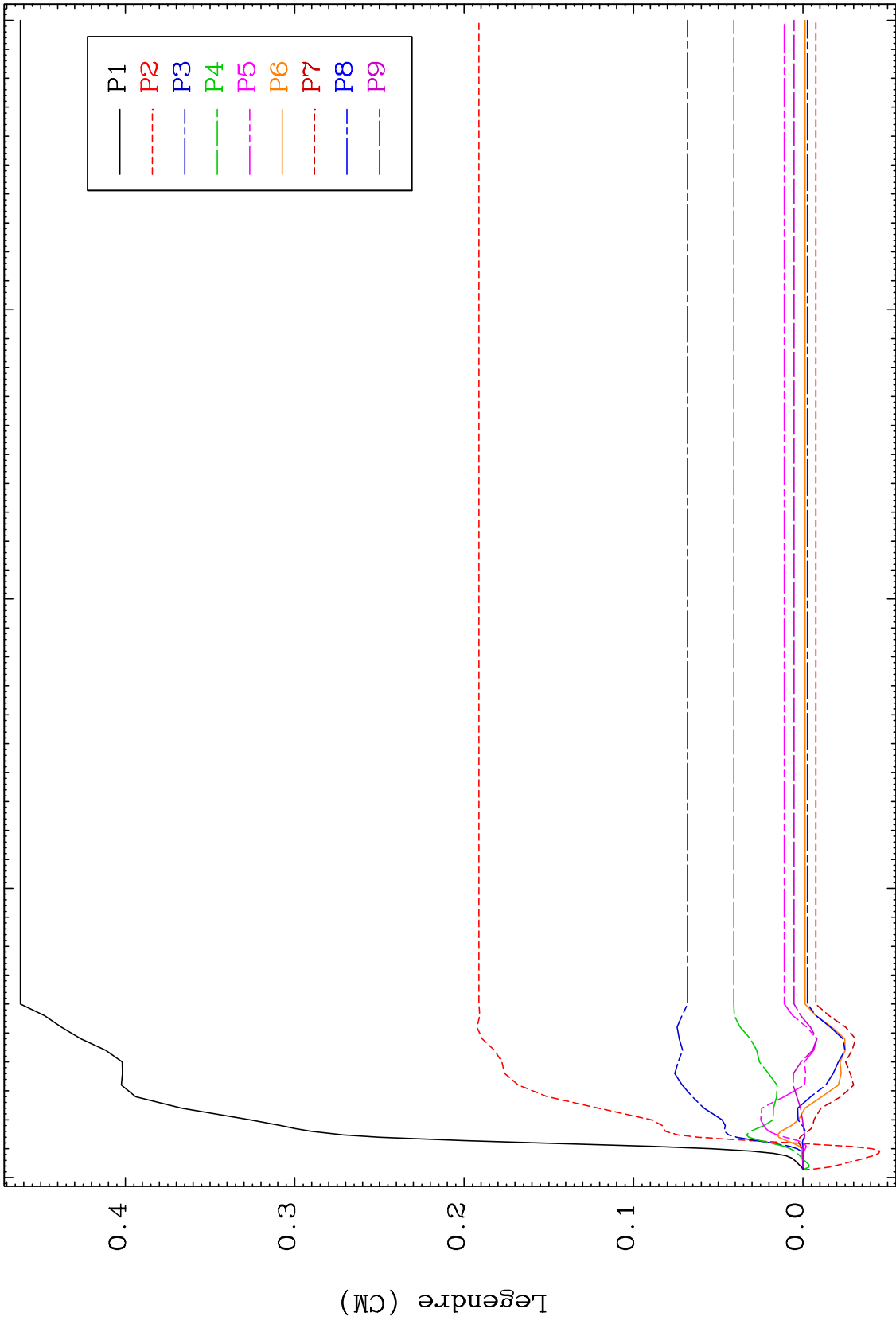
32 60-Nd-134

MAT 6001 MT= 54 (n,n') Level Legendre Coefficients 60-Nd-134



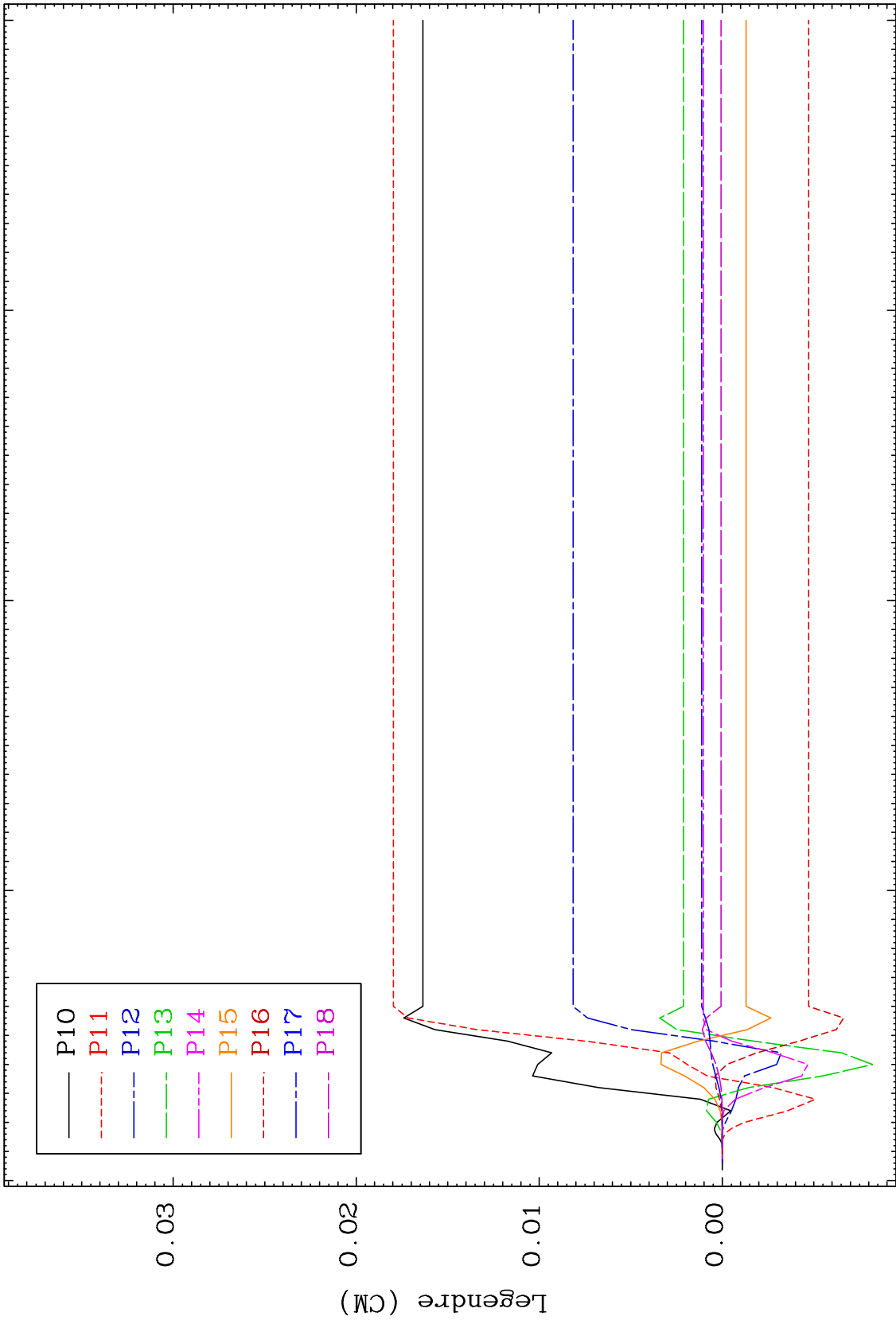
33 Incident Energy (MeV) 60-Nd-134

MAT 6001 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-134



34 60-Nd-134

MAT 6001 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-134

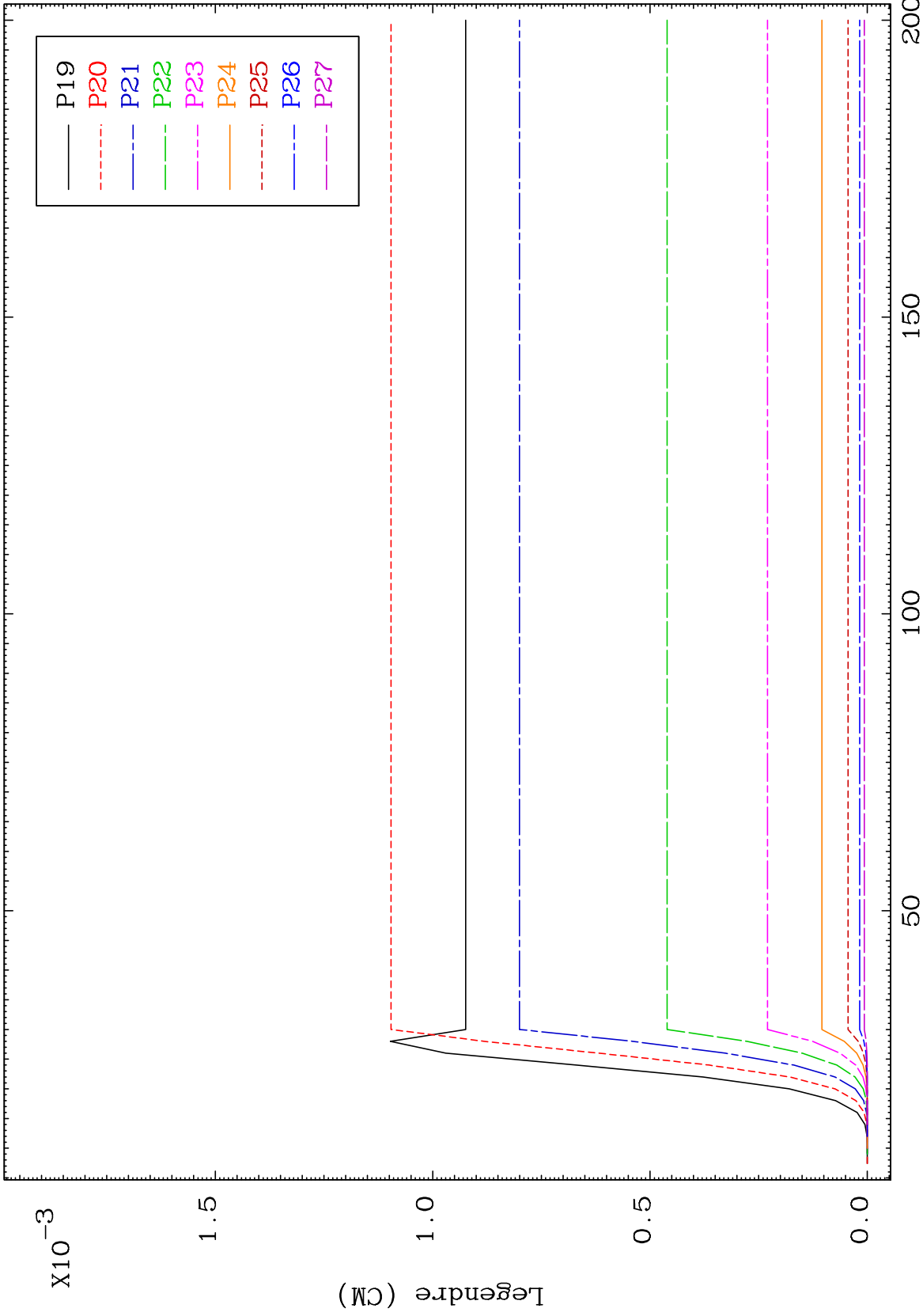


35 Incident Energy (MeV) 60-Nd-134

MAT 6001

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

60-Nd-134

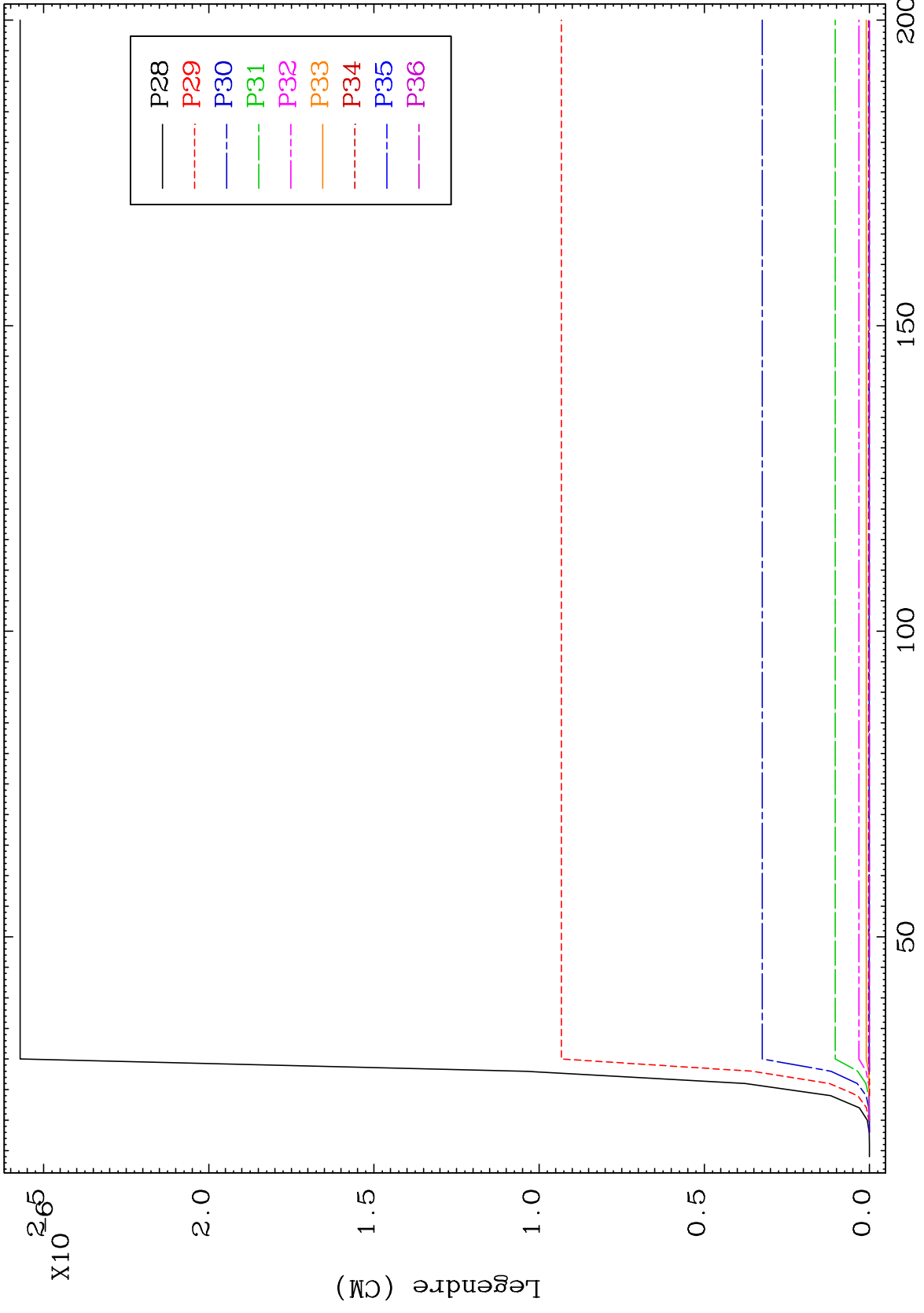


36

Incident Energy (MeV)

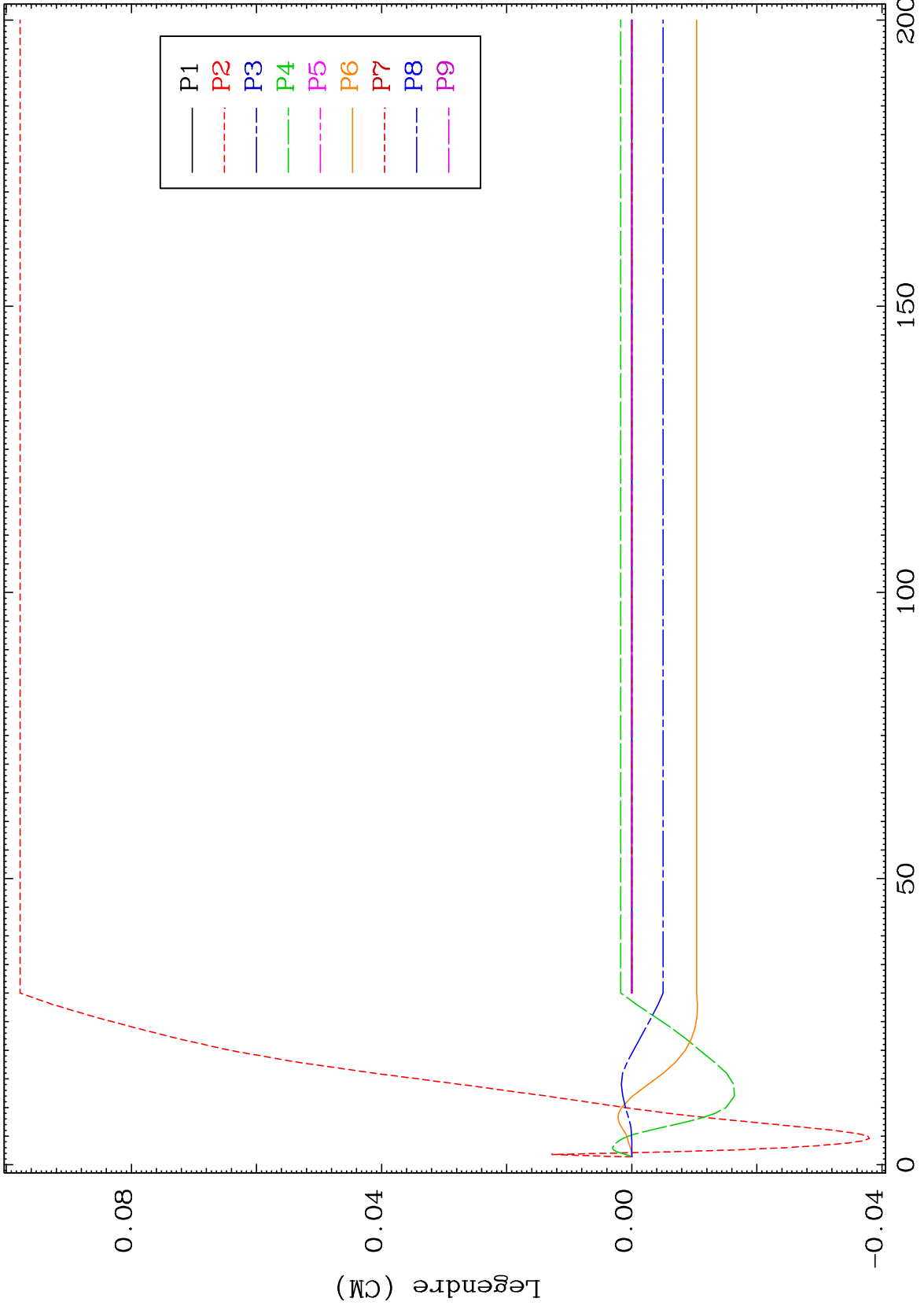
60-Nd-134

MAT 6001 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-134



37 Incident Energy (MeV) 60-Nd-134

MAT 6001 MT= 56 (n,n') Level Legendre Coefficients 60-Nd-134



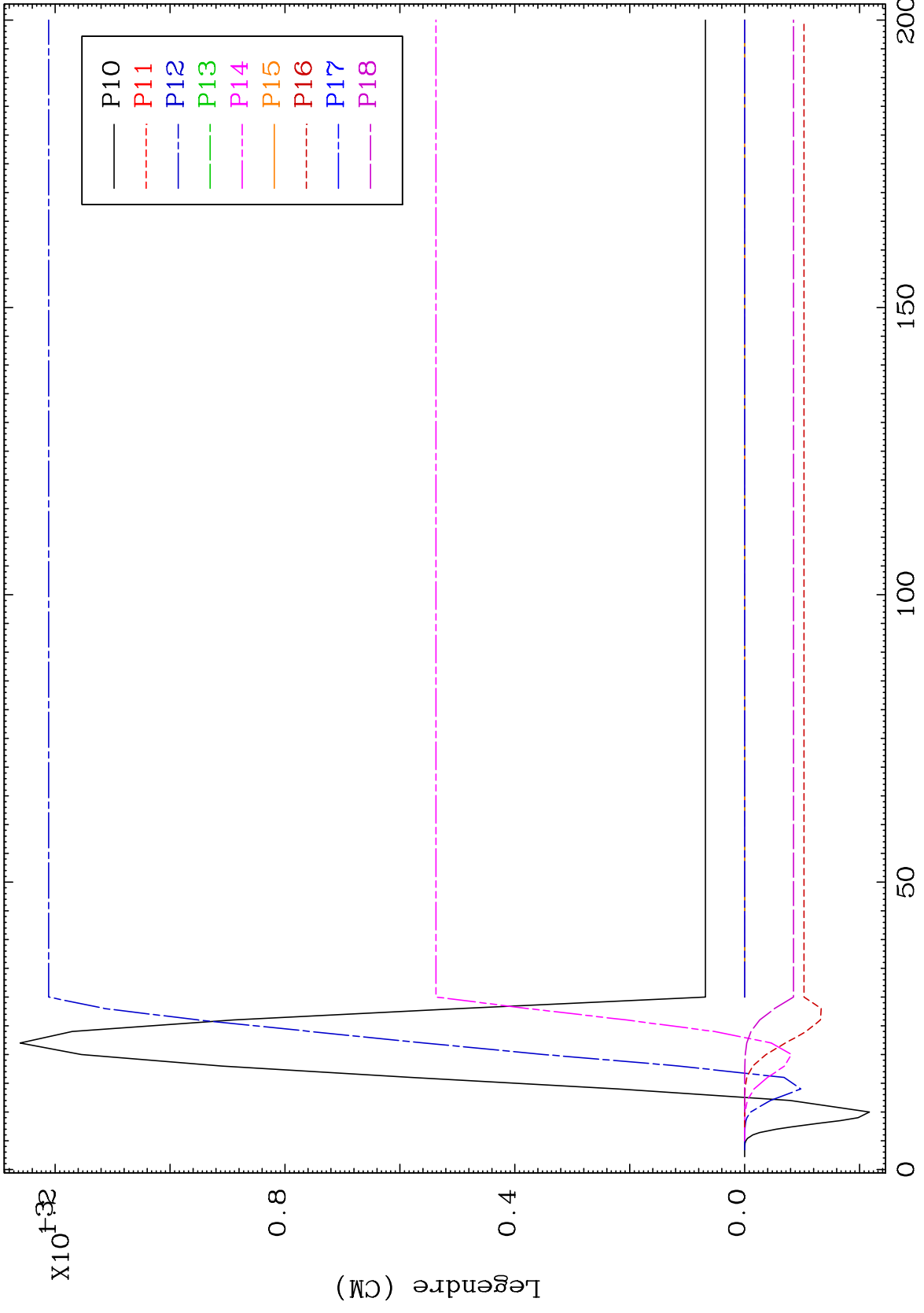
38 Incident Energy (MeV) 60-Nd-134

MAT 6001 MT= 56 (n,n') Level Legendre Coefficients

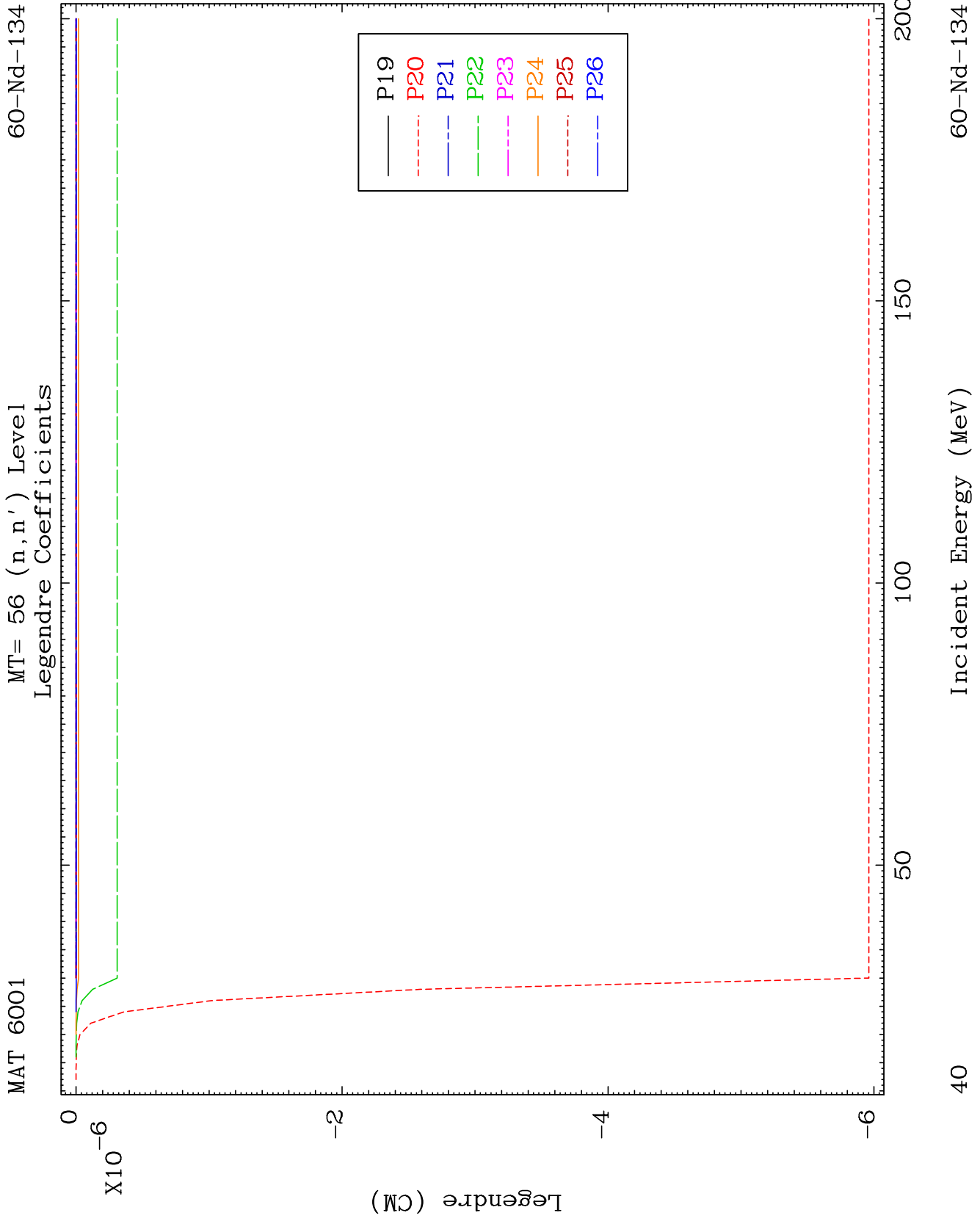
60-Nd-134

60-Nd-134

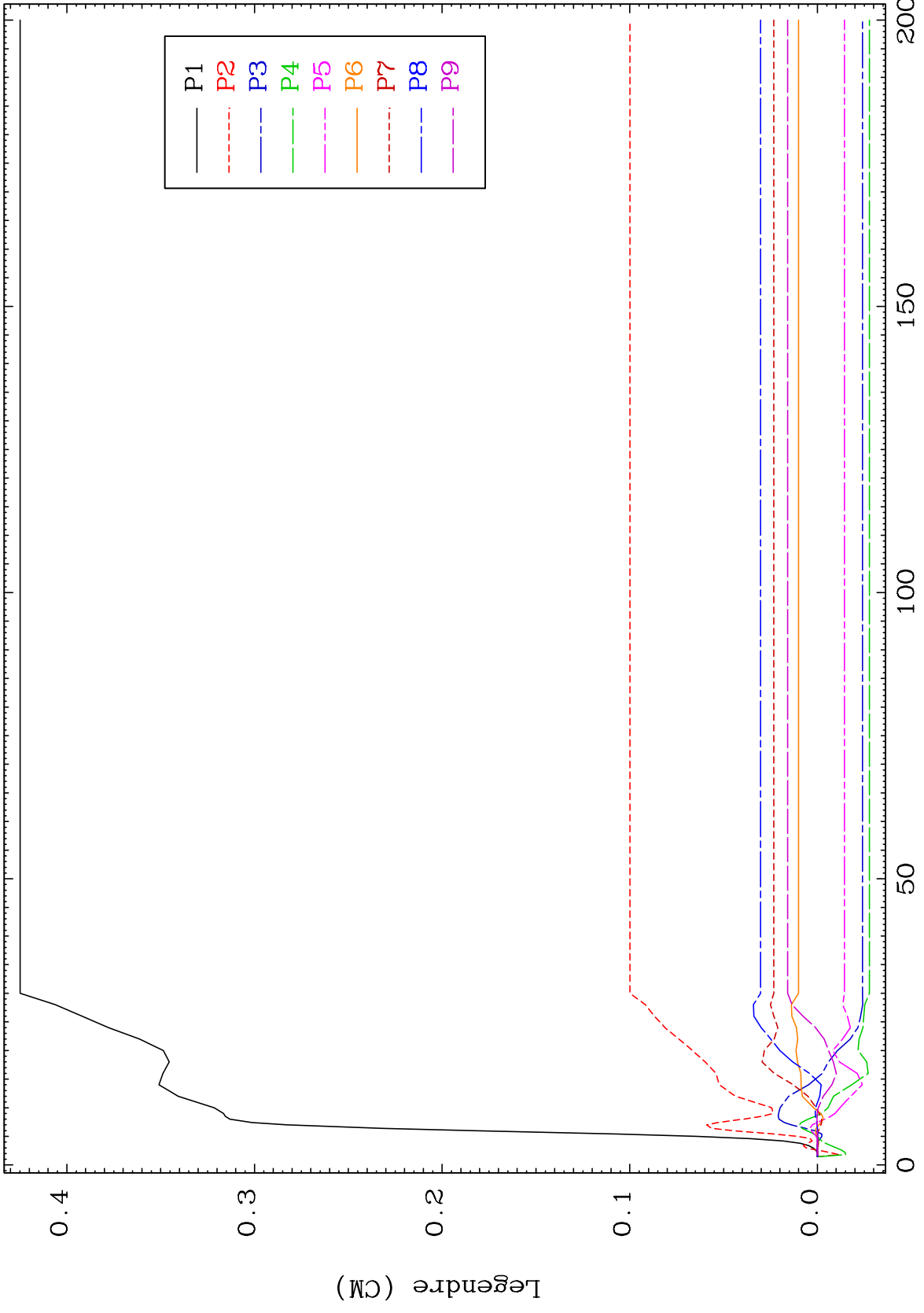
39







MAT 6001 MT= 57 (n,n') Level Legendre Coefficients 60-Nd-134



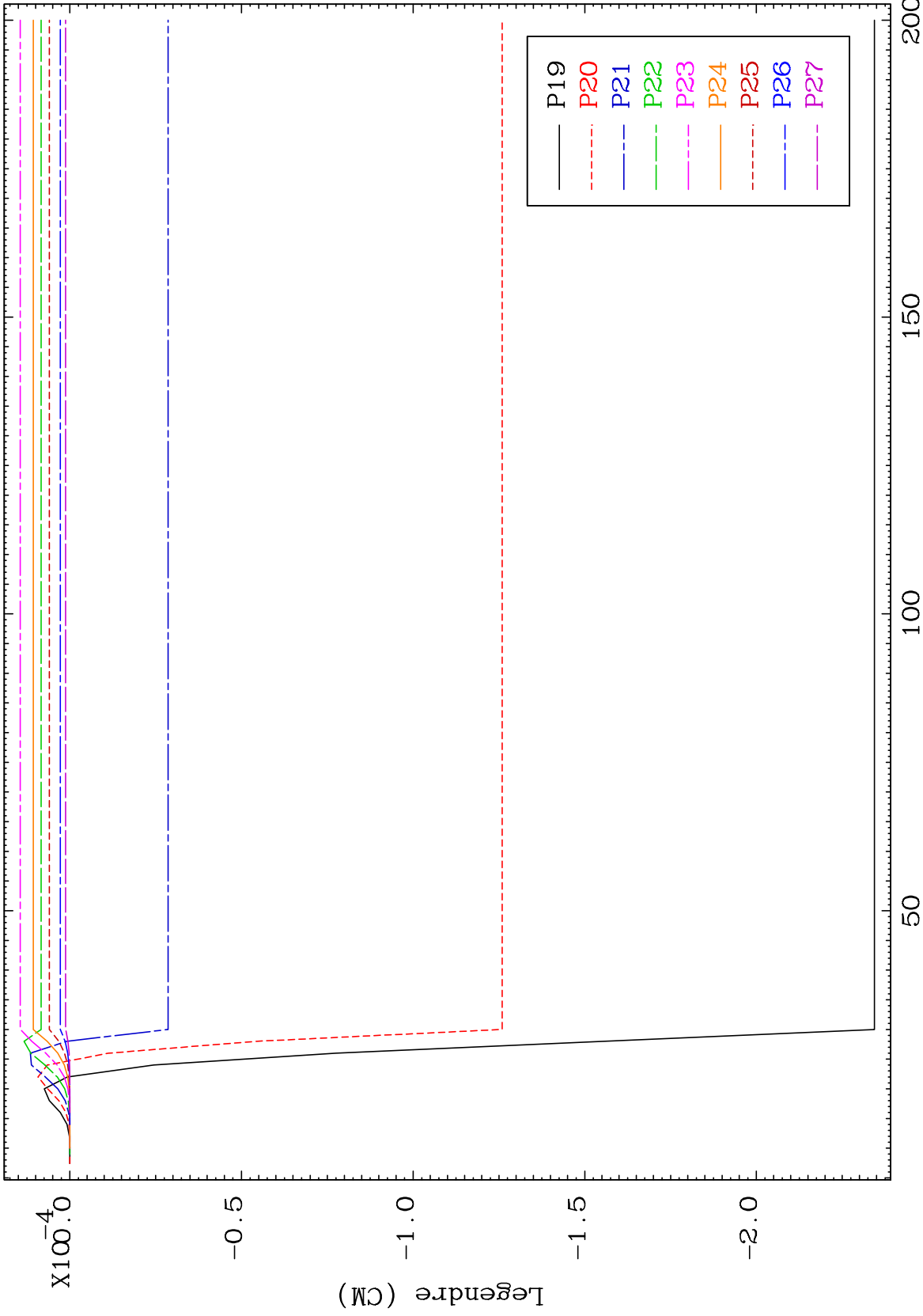
41 60-Nd-134



MAT 6001

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

60-Nd-134



60-Nd-134

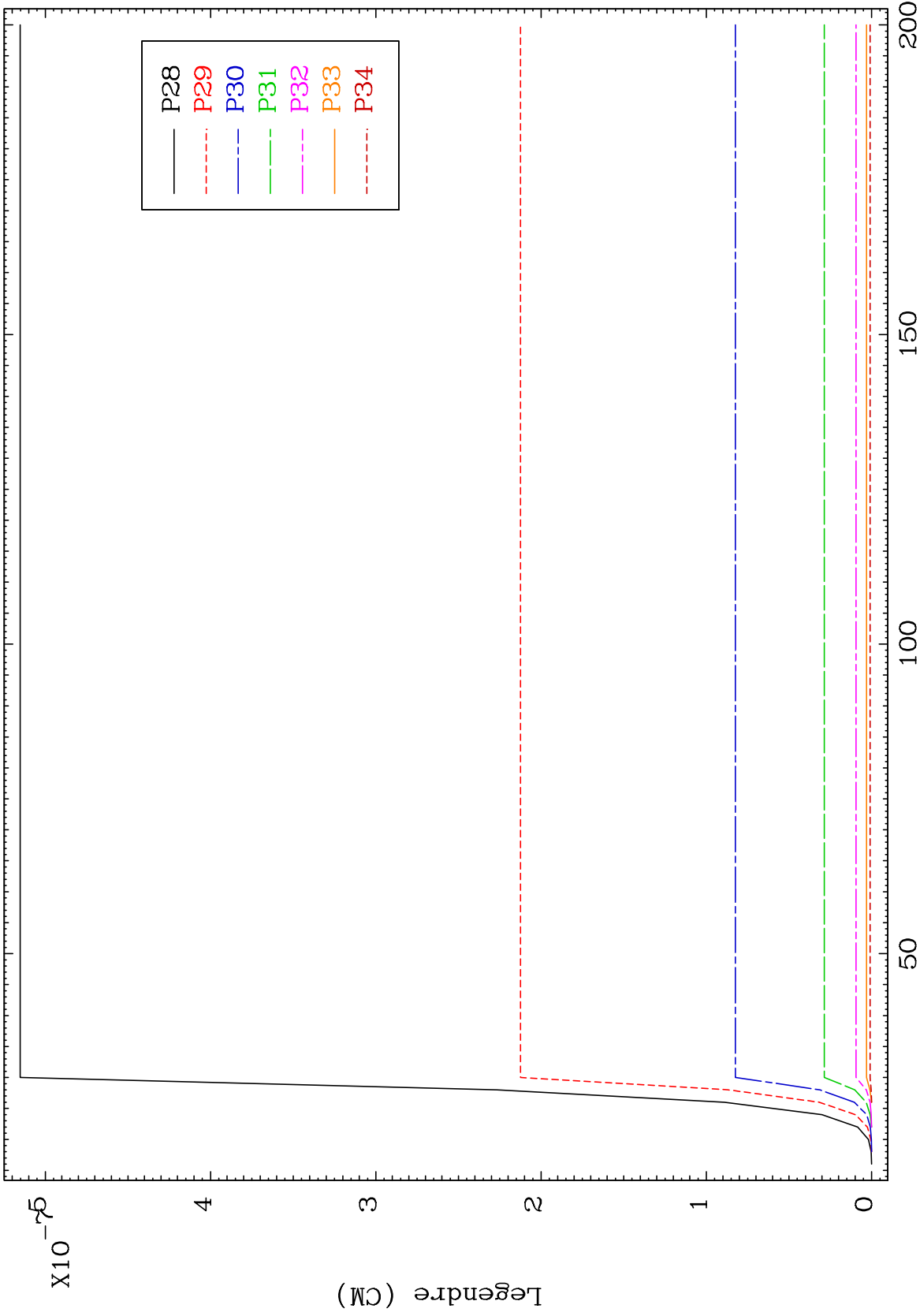
Incident Energy (MeV)

43

MAT 6001

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

60-Nd-134

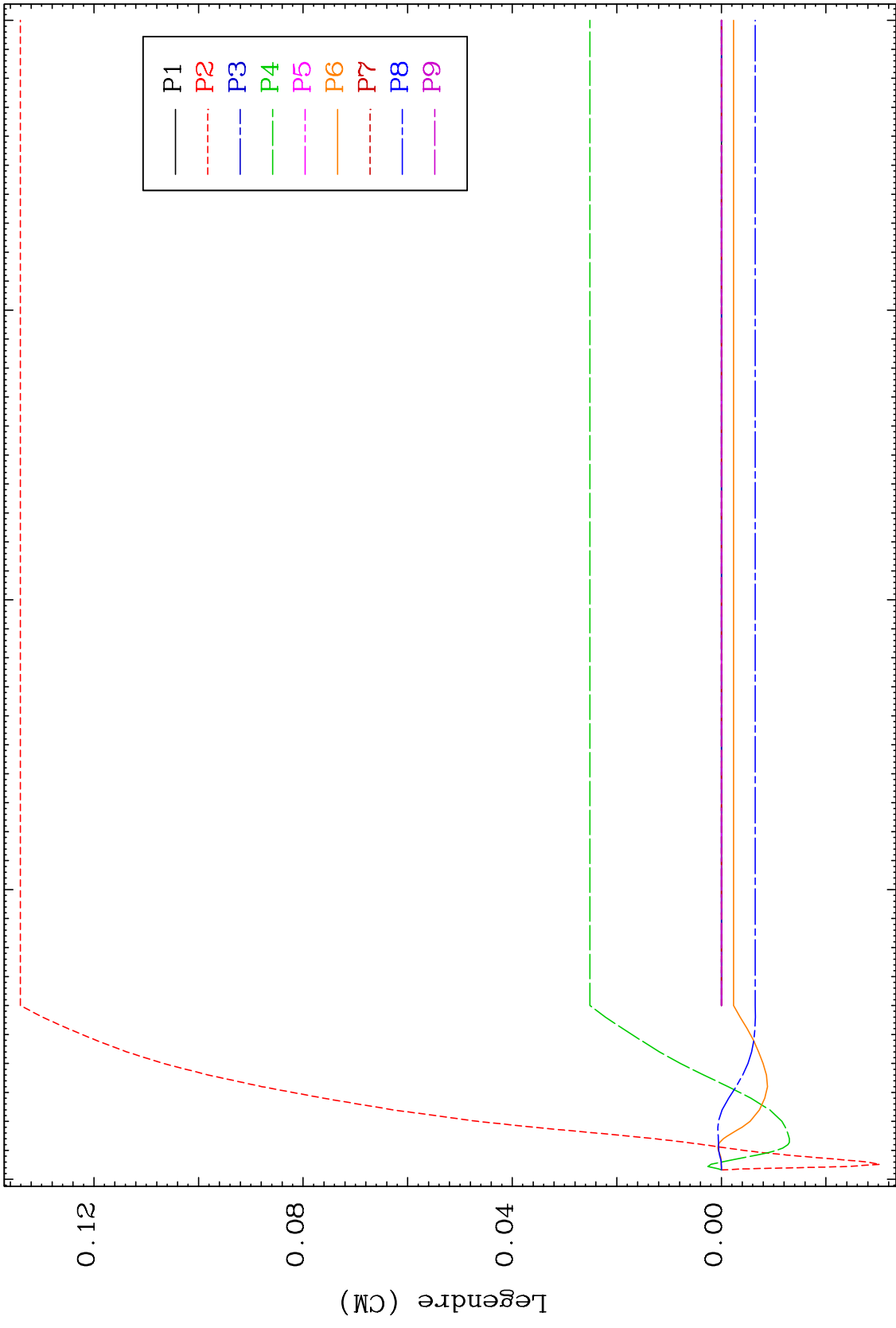


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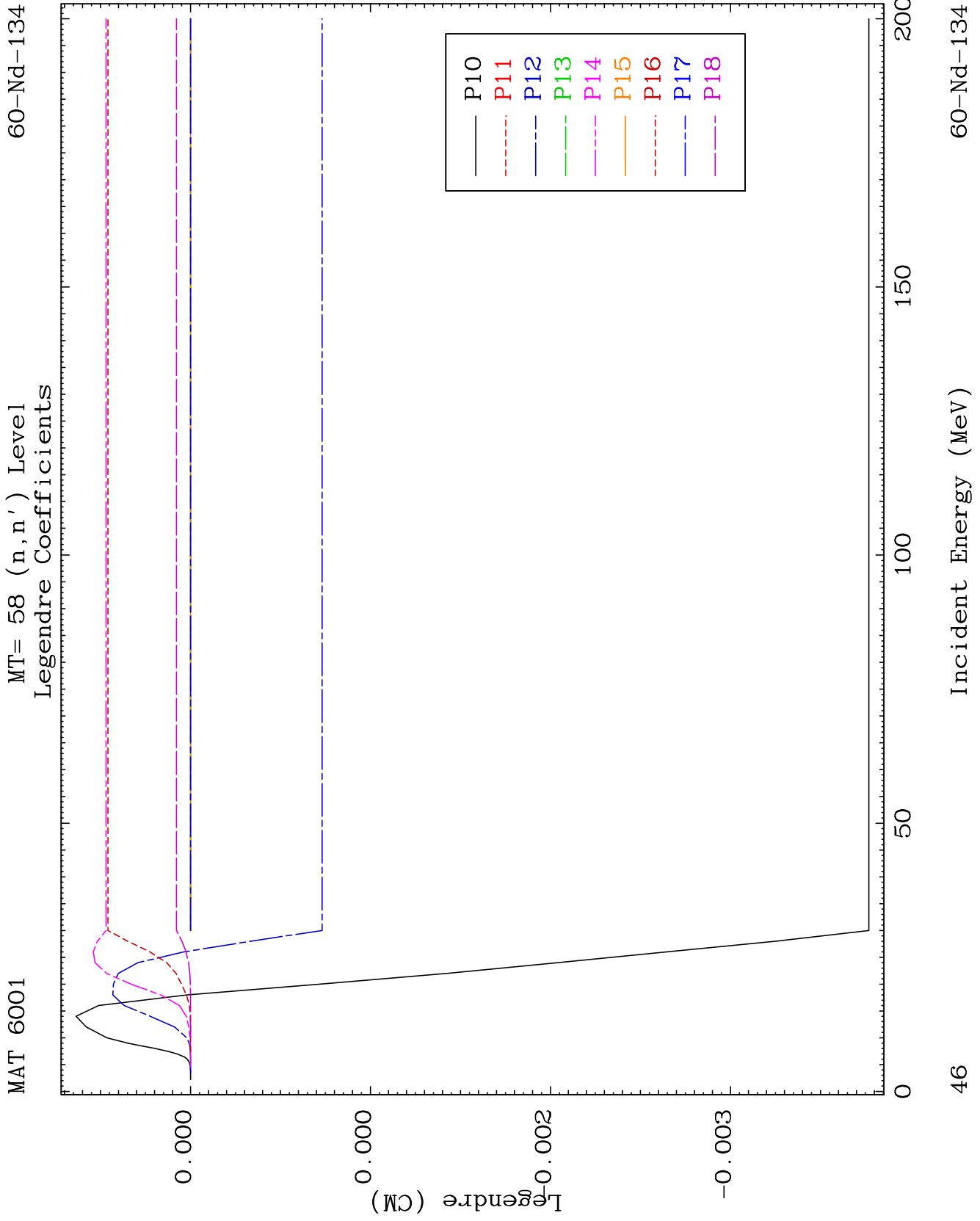
Incident Energy (MeV)

60-Nd-134

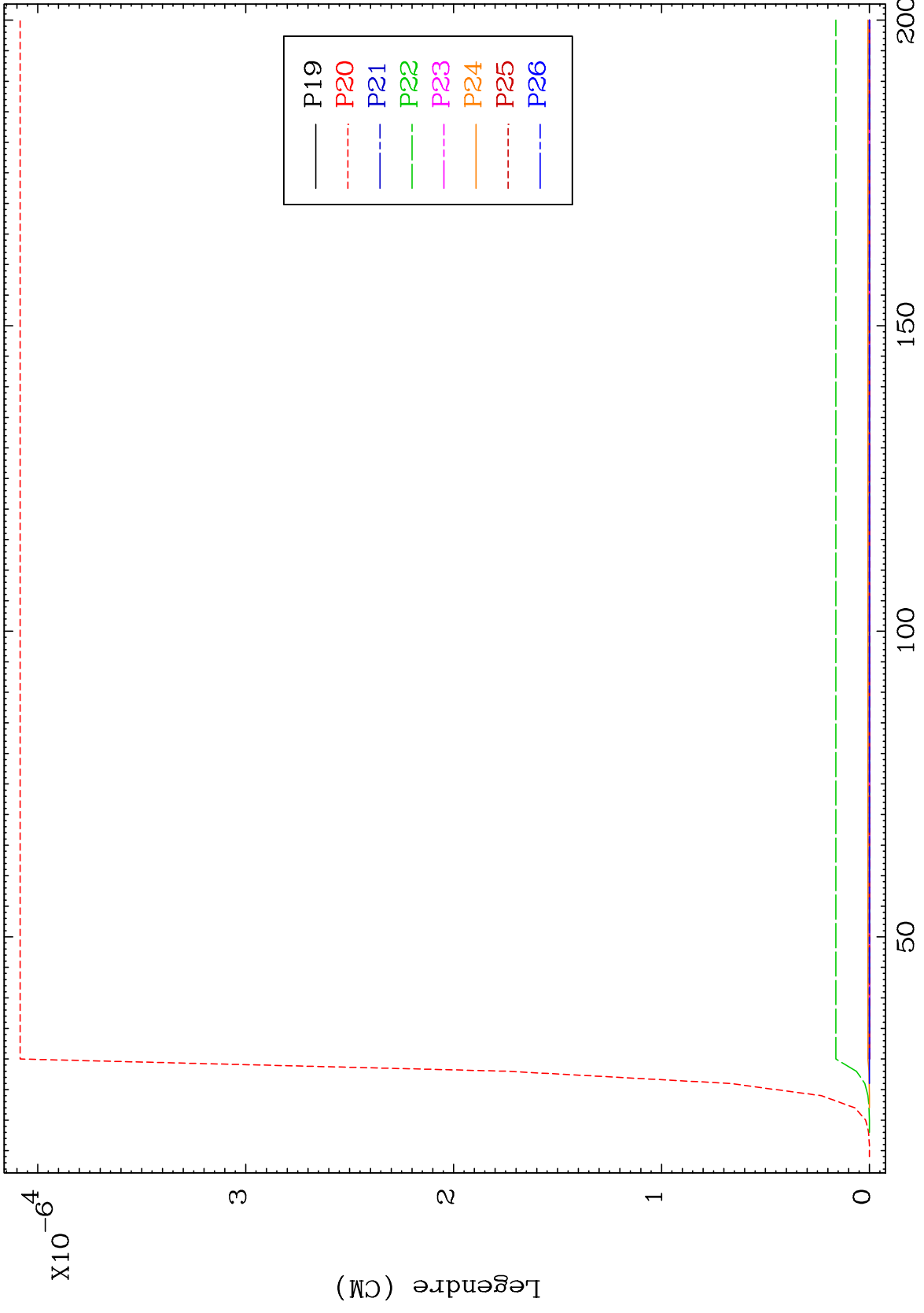
MAT 6001 MT= 58 (n,n') Level Legendre Coefficients 60-Nd-134



Legendre (CM) Incident Energy (MeV) 60-Nd-134



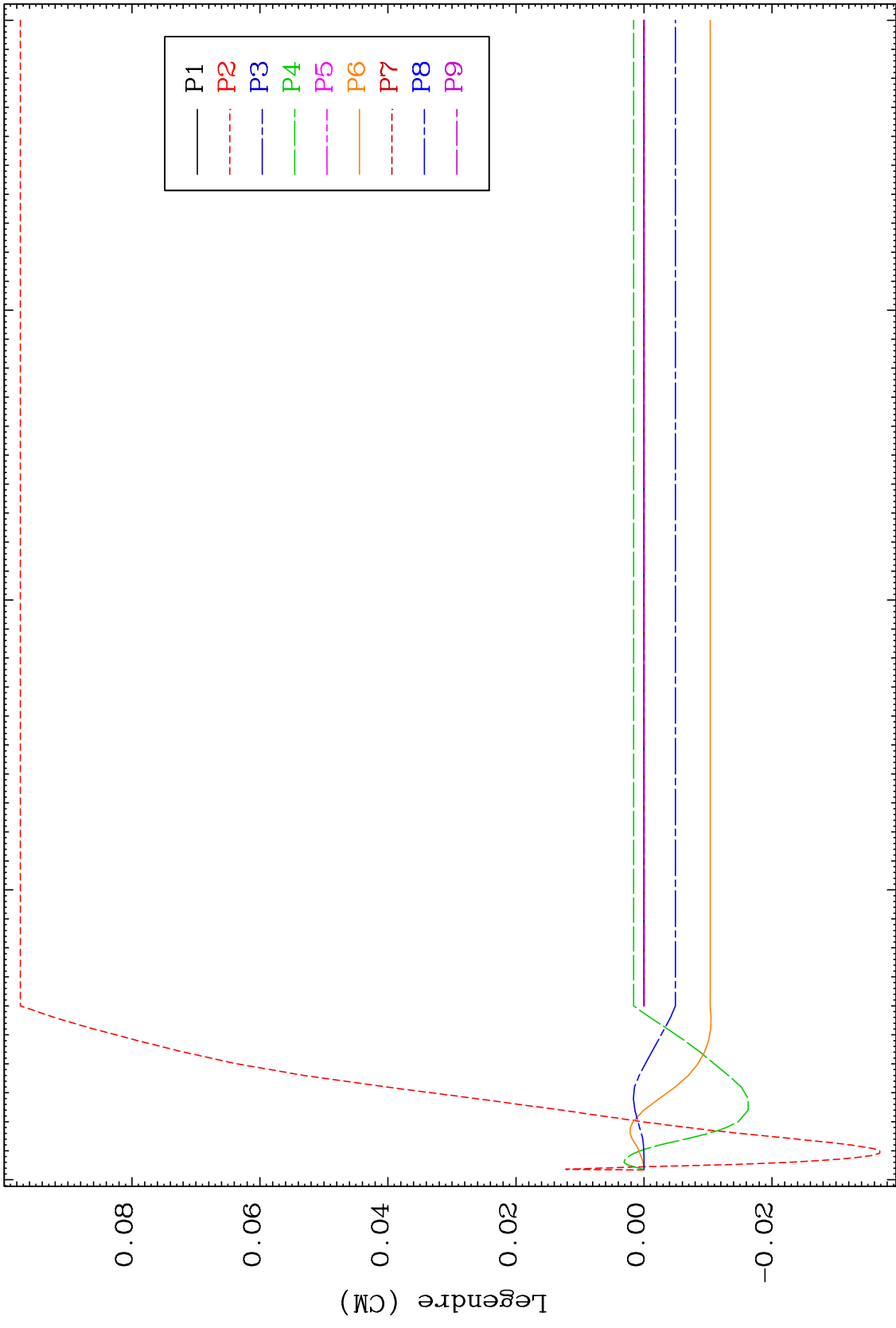
MAT 6001 MT= 58 (n,n') Level Legendre Coefficients 60-Nd-134



47 Incident Energy (MeV) 60-Nd-134

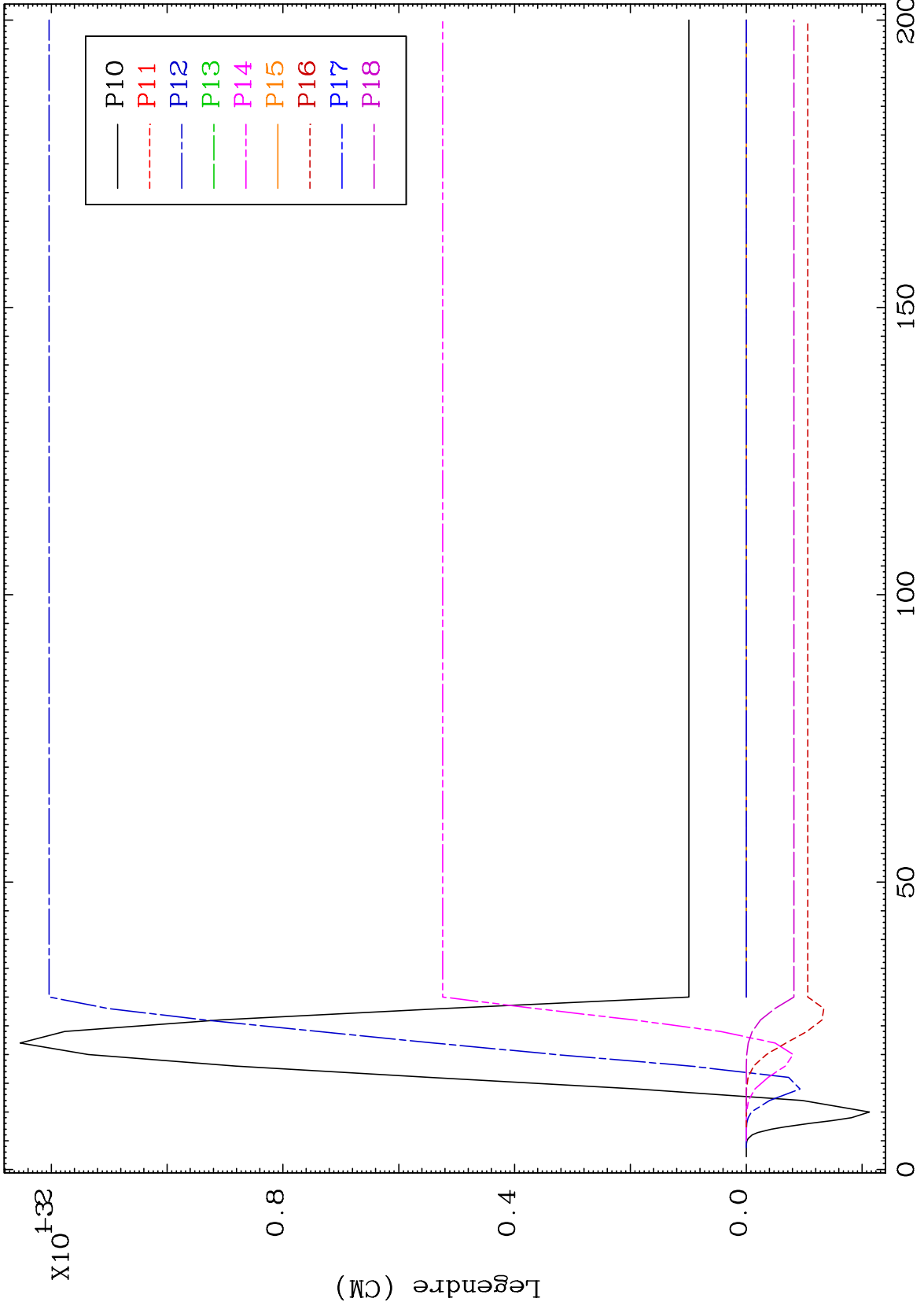


MAT 6001 MT= 59 (n,n') Level Legendre Coefficients 60-Nd-134

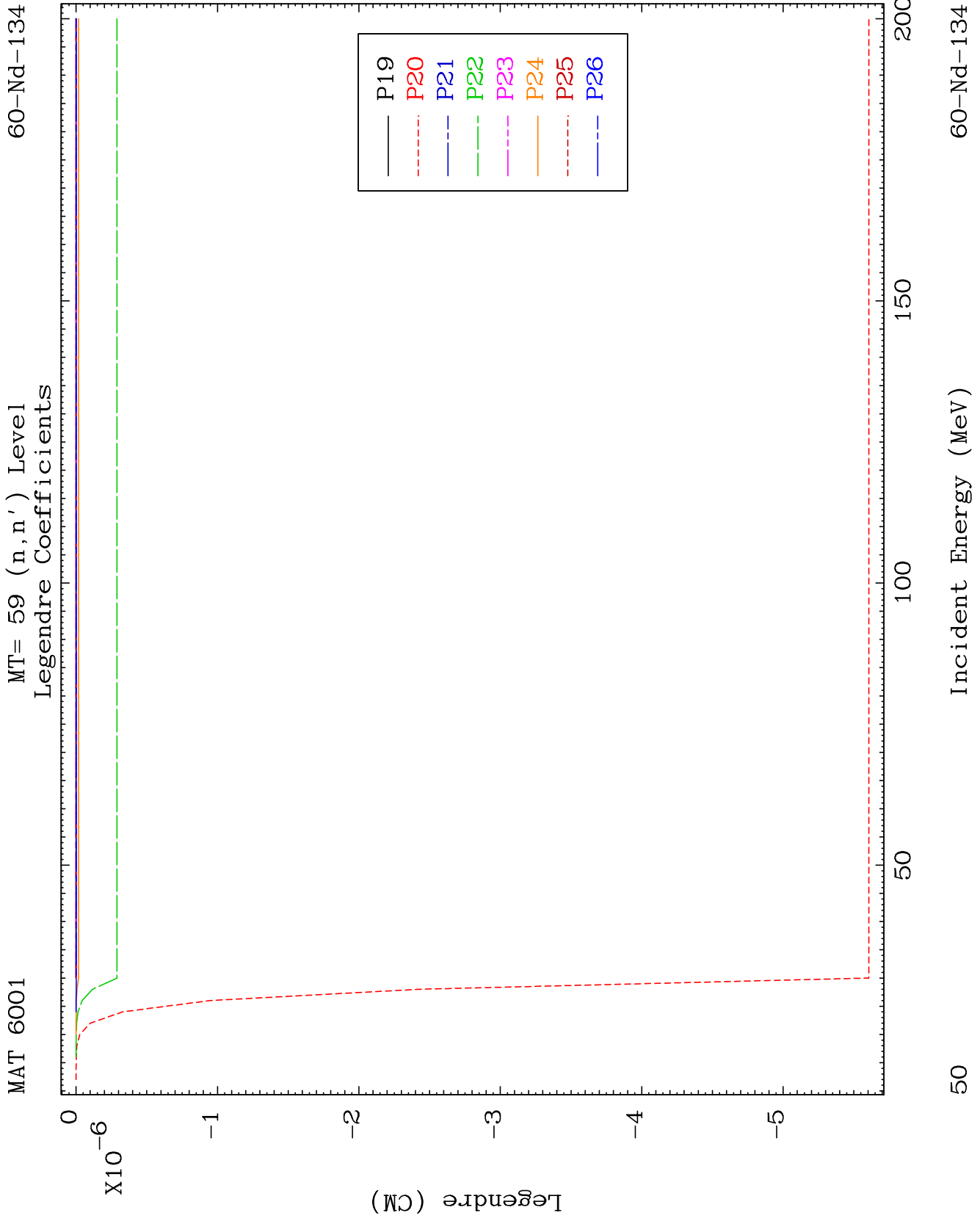


48 Incident Energy (MeV) 60-Nd-134

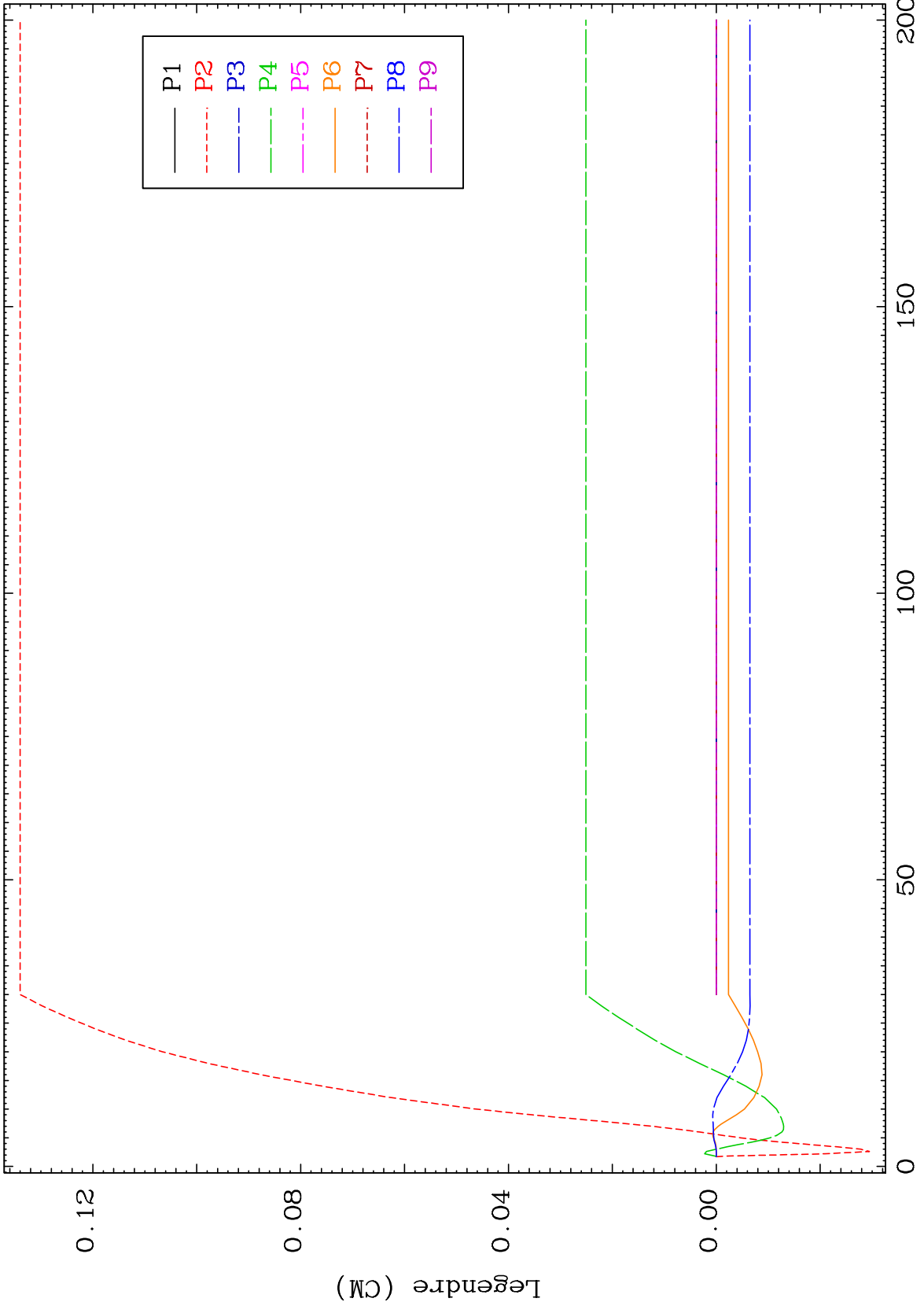
MAT 6001 MT= 59 (n,n') Level Legendre Coefficients 60-Nd-134



49 60-Nd-134

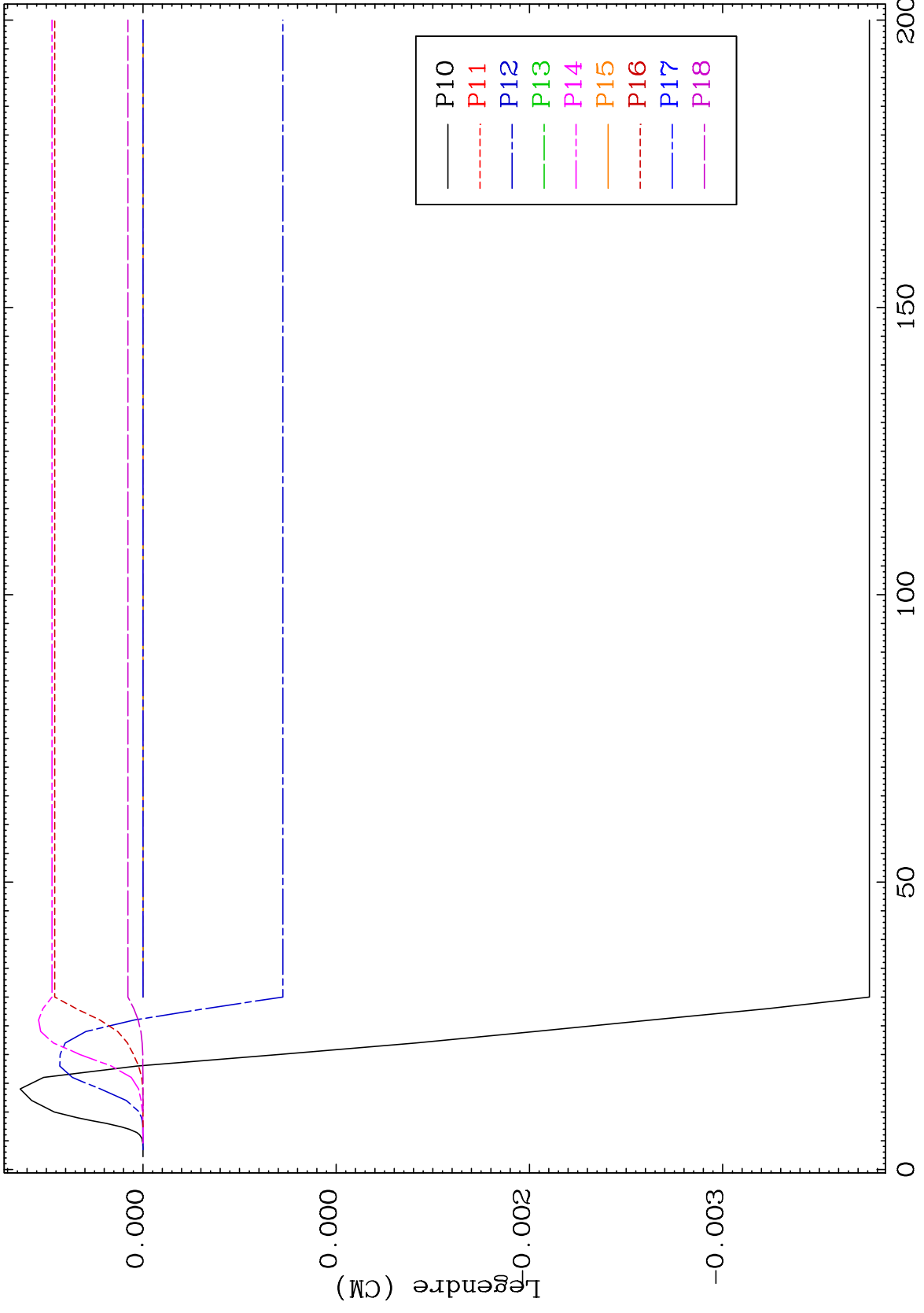


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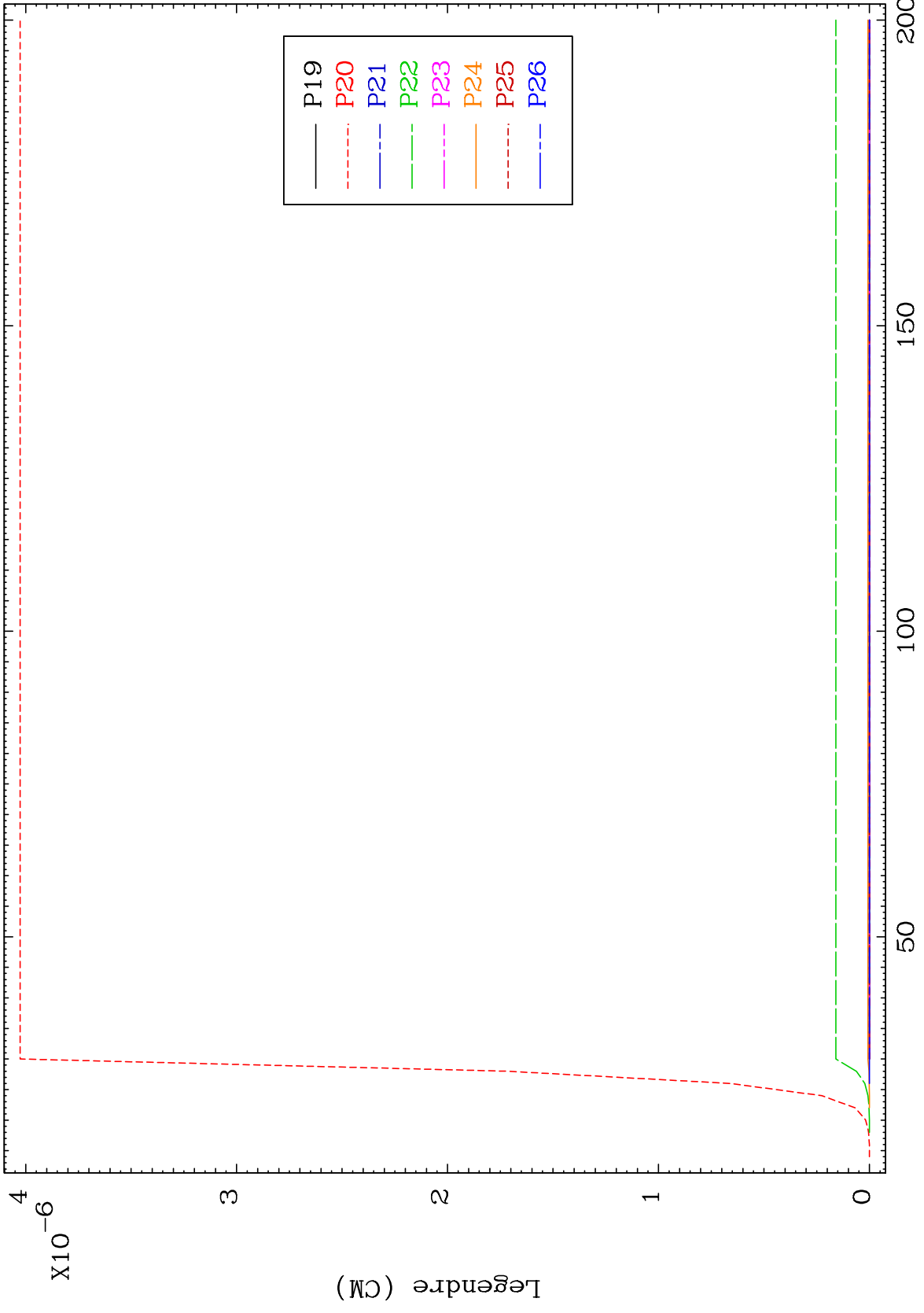
51 60-Nd-134

MAT 6001 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-134



52 60-Nd-134

MAT 6001 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-134



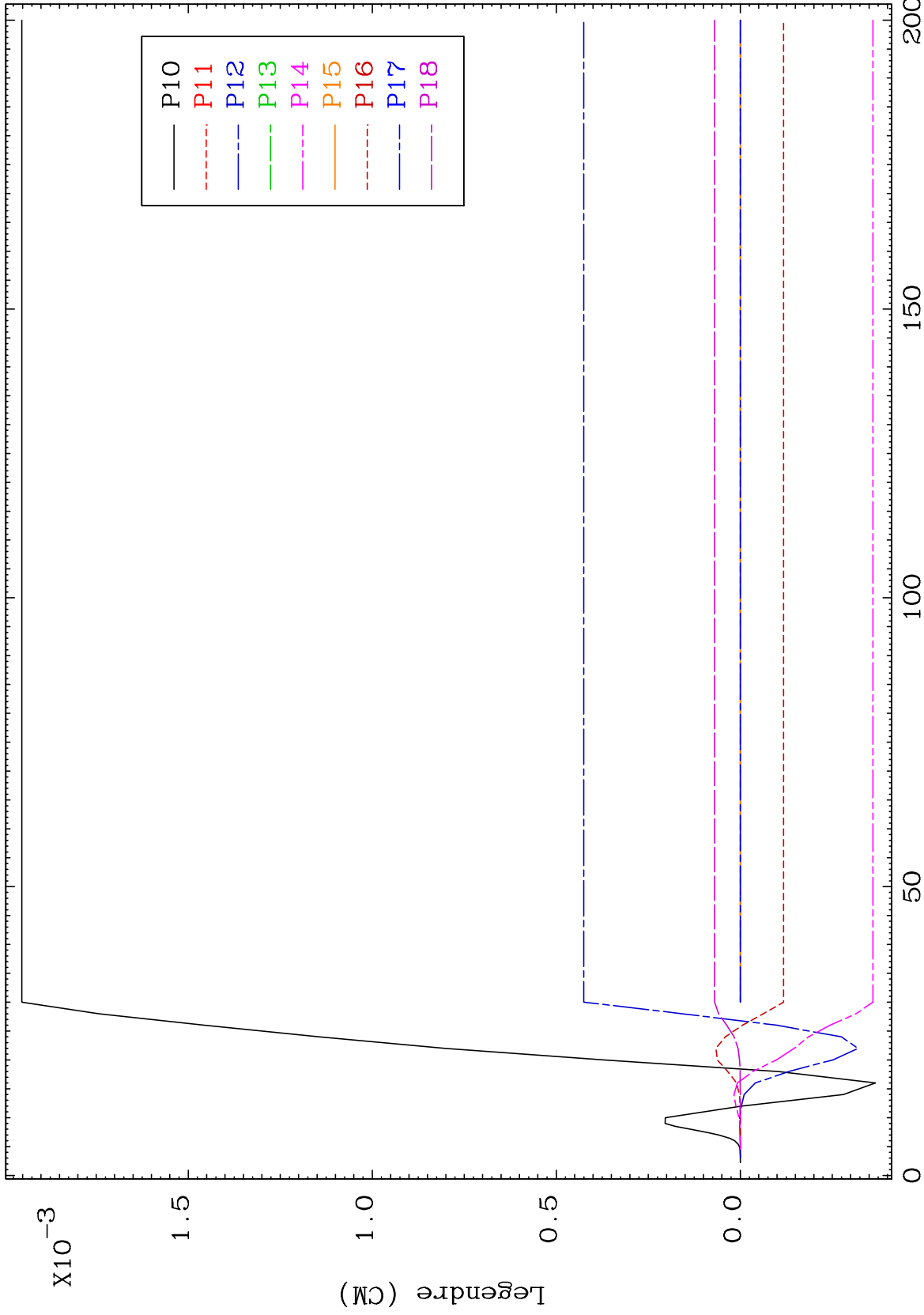
53 Incident Energy (MeV) 200 60-Nd-134



MAT 6001

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

60-Nd-134



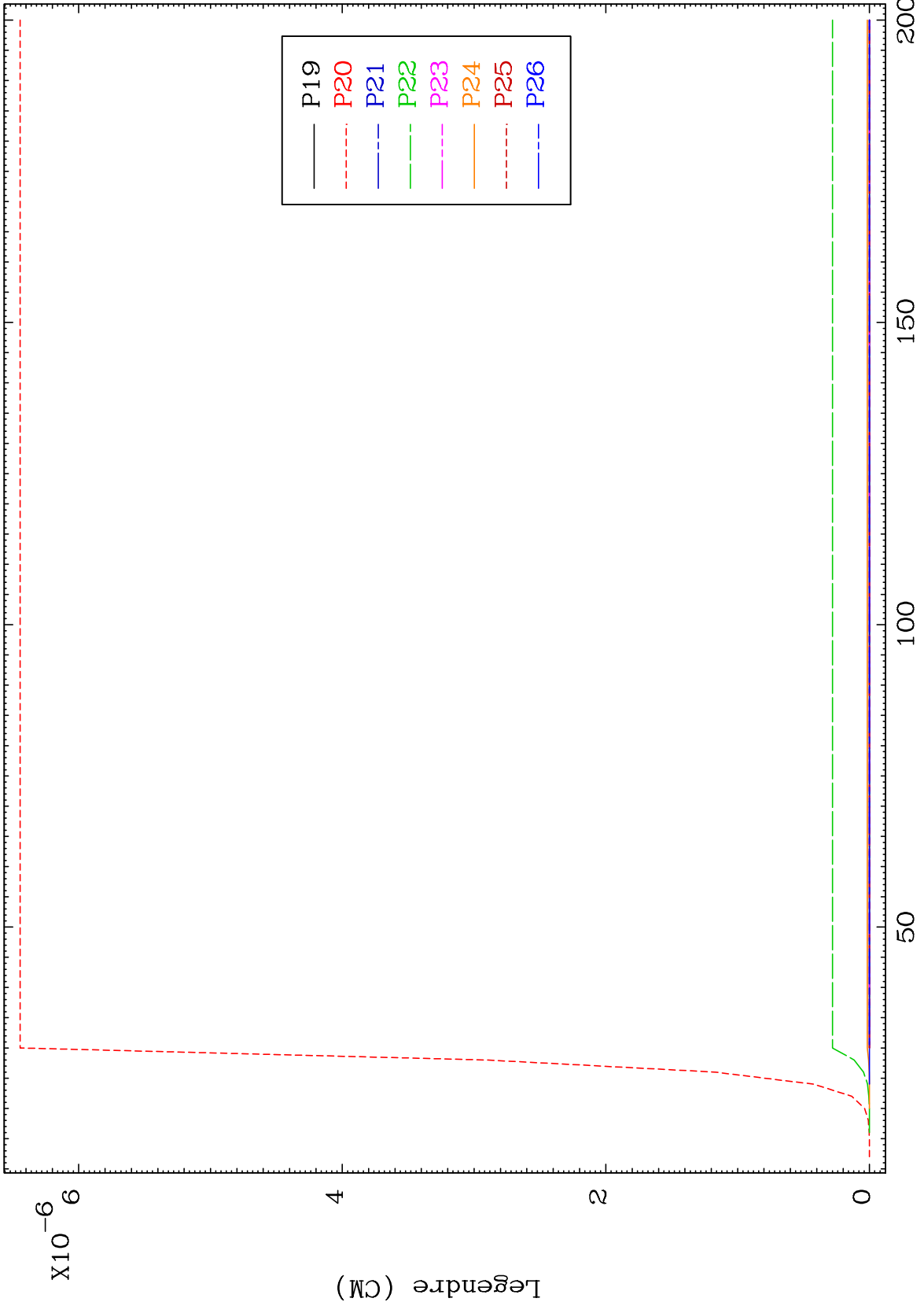
55

Incident Energy (MeV)

60-Nd-134

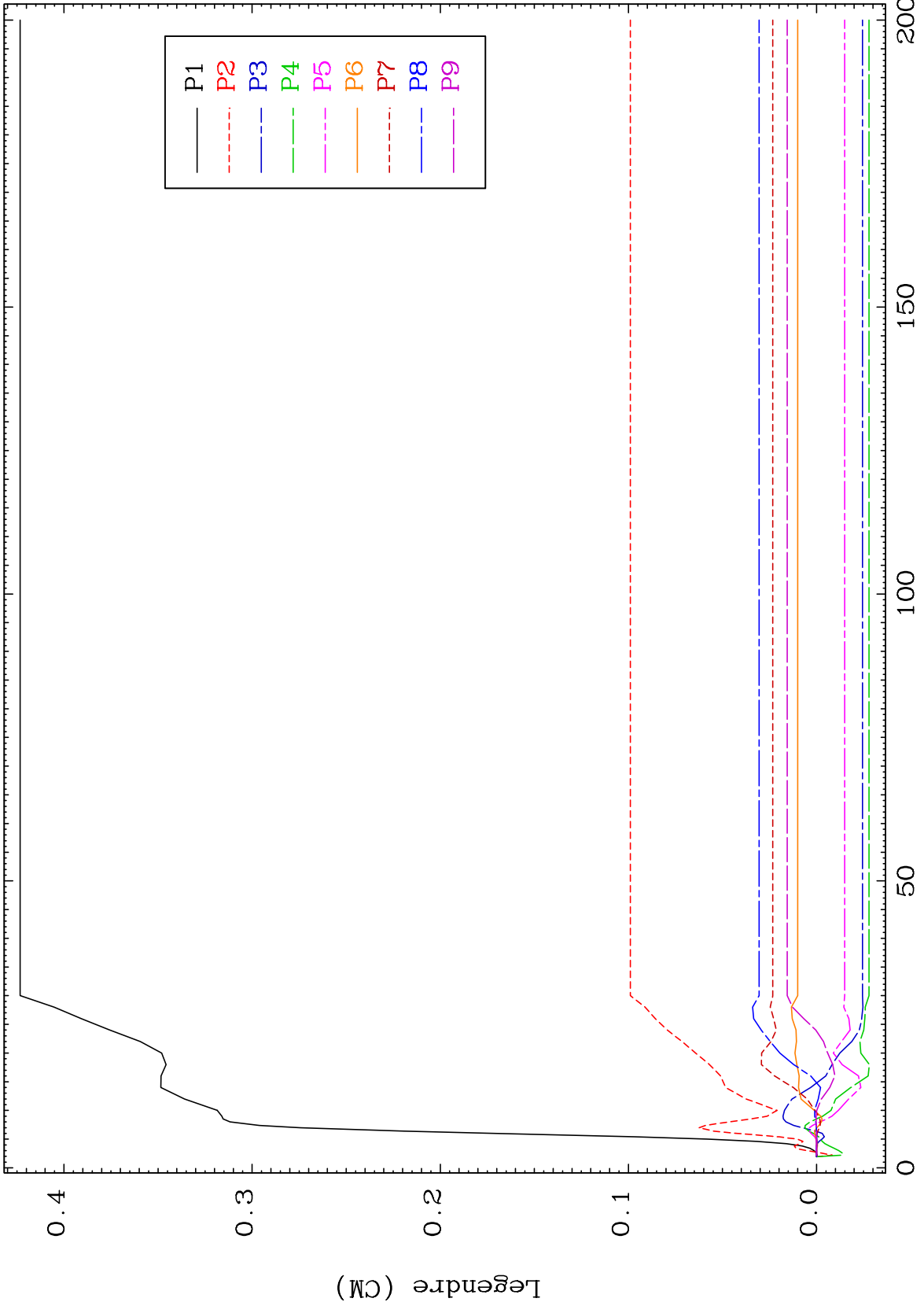


MAT 6001 MT= 61 (n,n') Level Legendre Coefficients 60-Nd-134



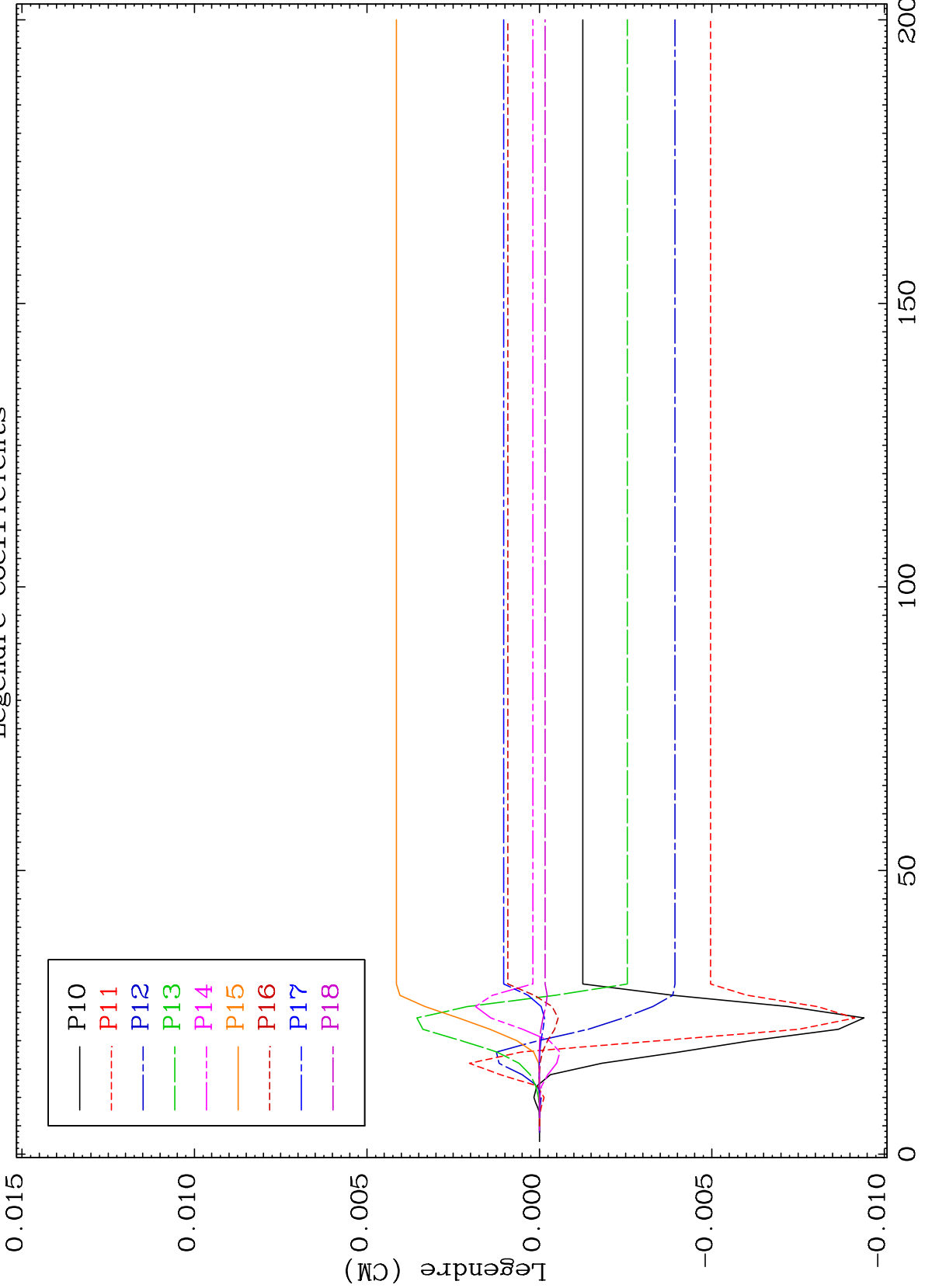
56 Incident Energy (MeV) 60-Nd-134

MAT 6001 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-134



57 Incident Energy (MeV) 60-Nd-134

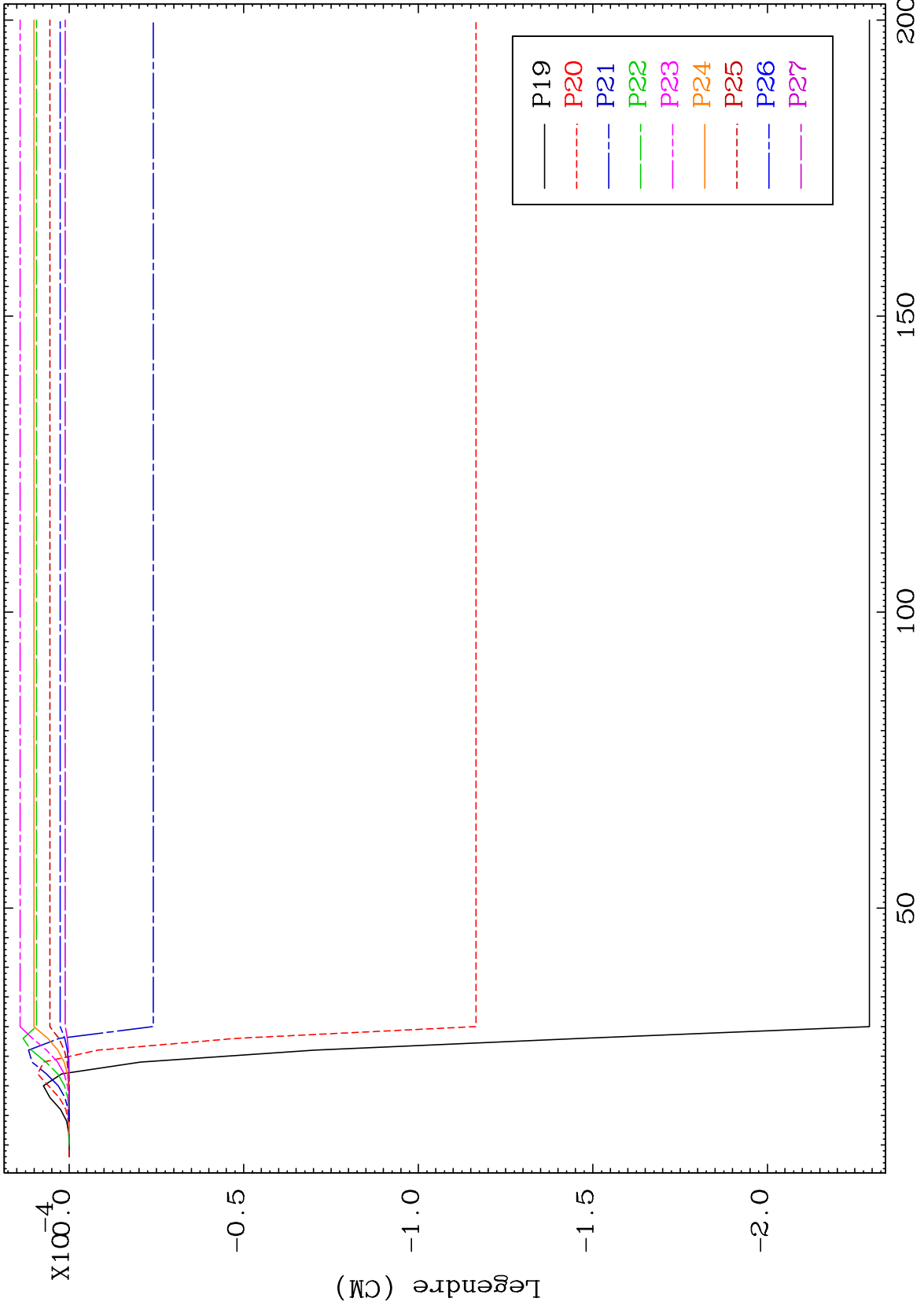
MAT 6001 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-134



MAT 6001

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

60-Nd-134

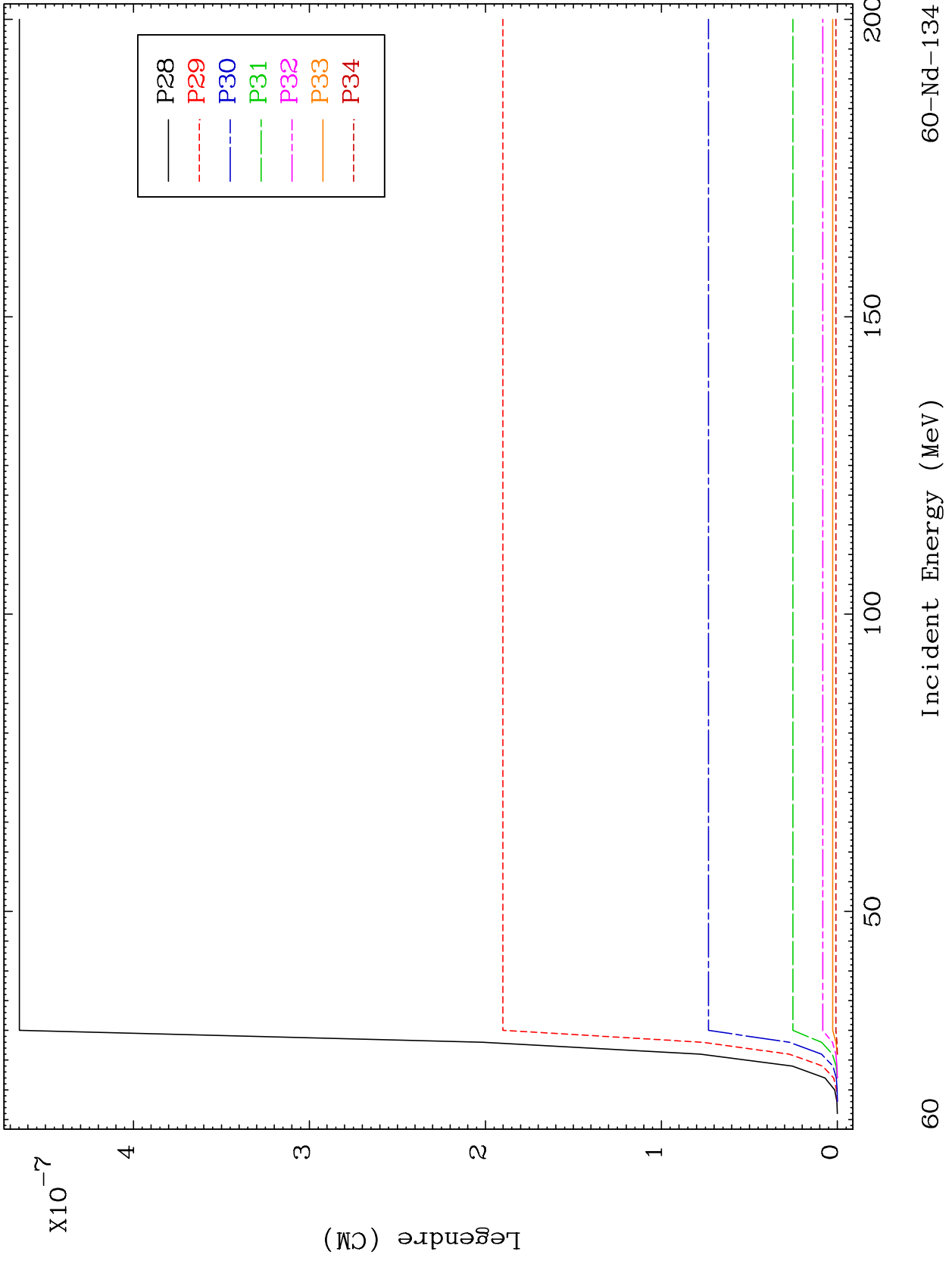


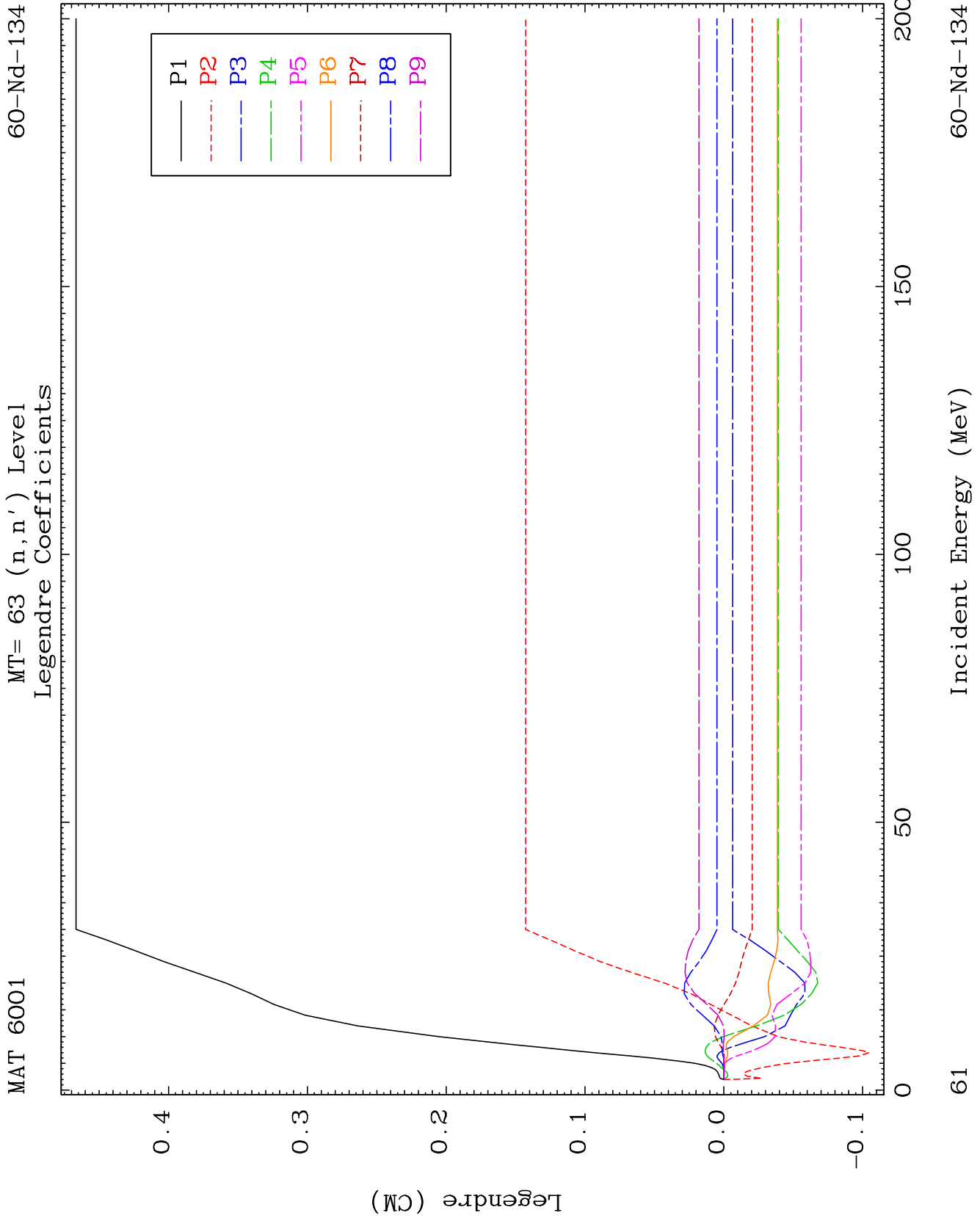
60-Nd-134

Incident Energy (MeV)

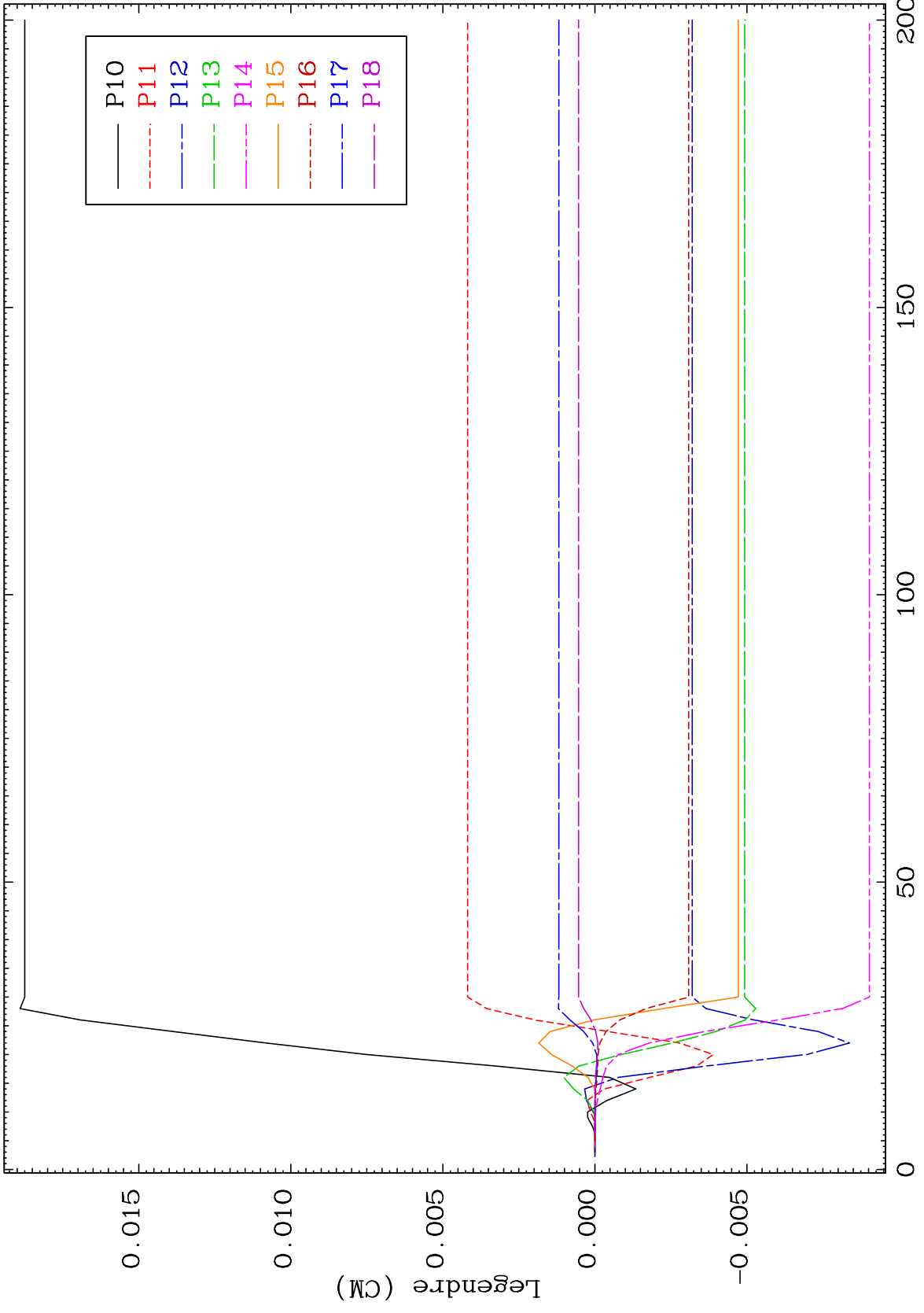
59

MAT 6001 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-134



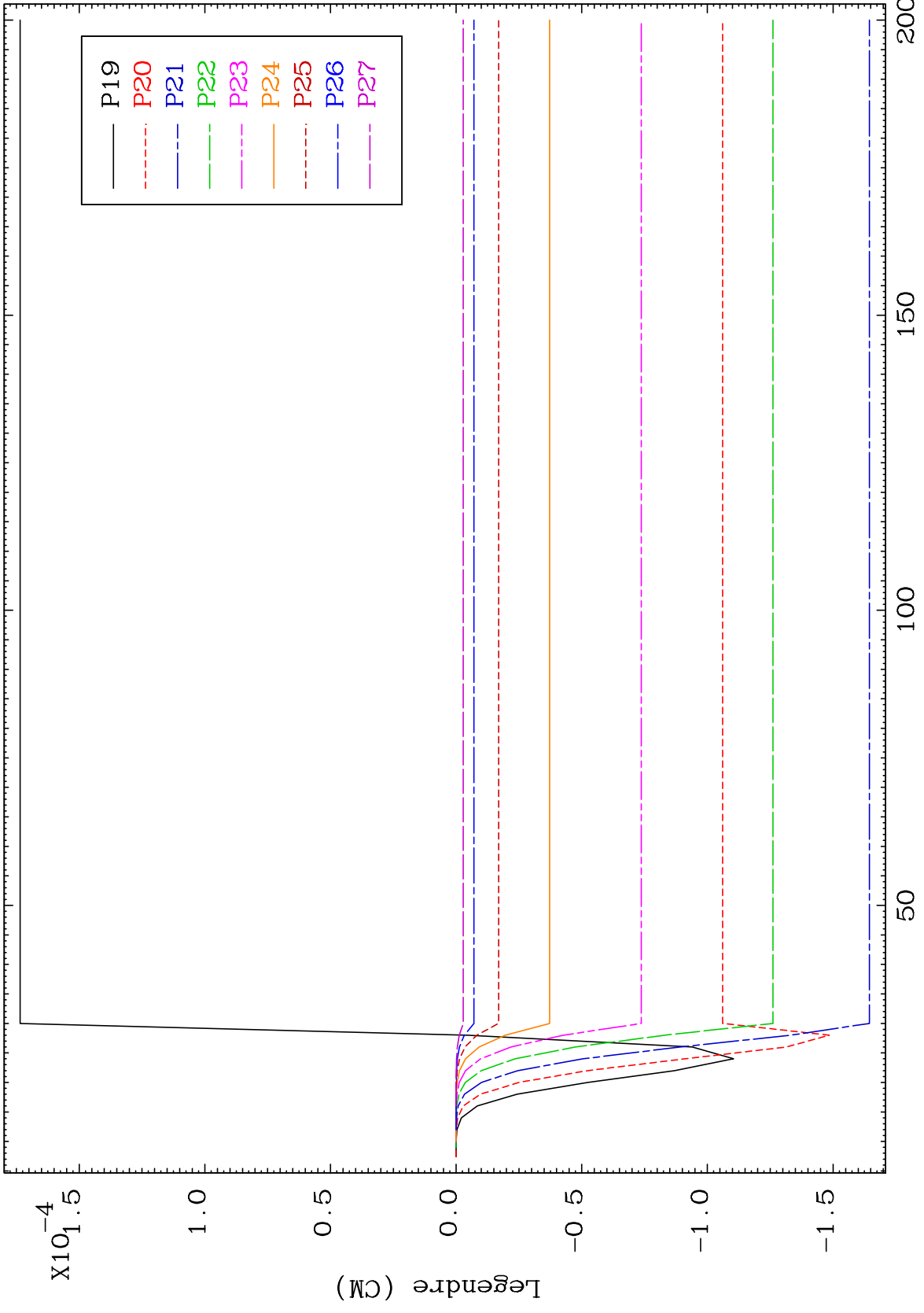


MAT 6001 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-134



62 60-Nd-134

MAT 6001 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-134

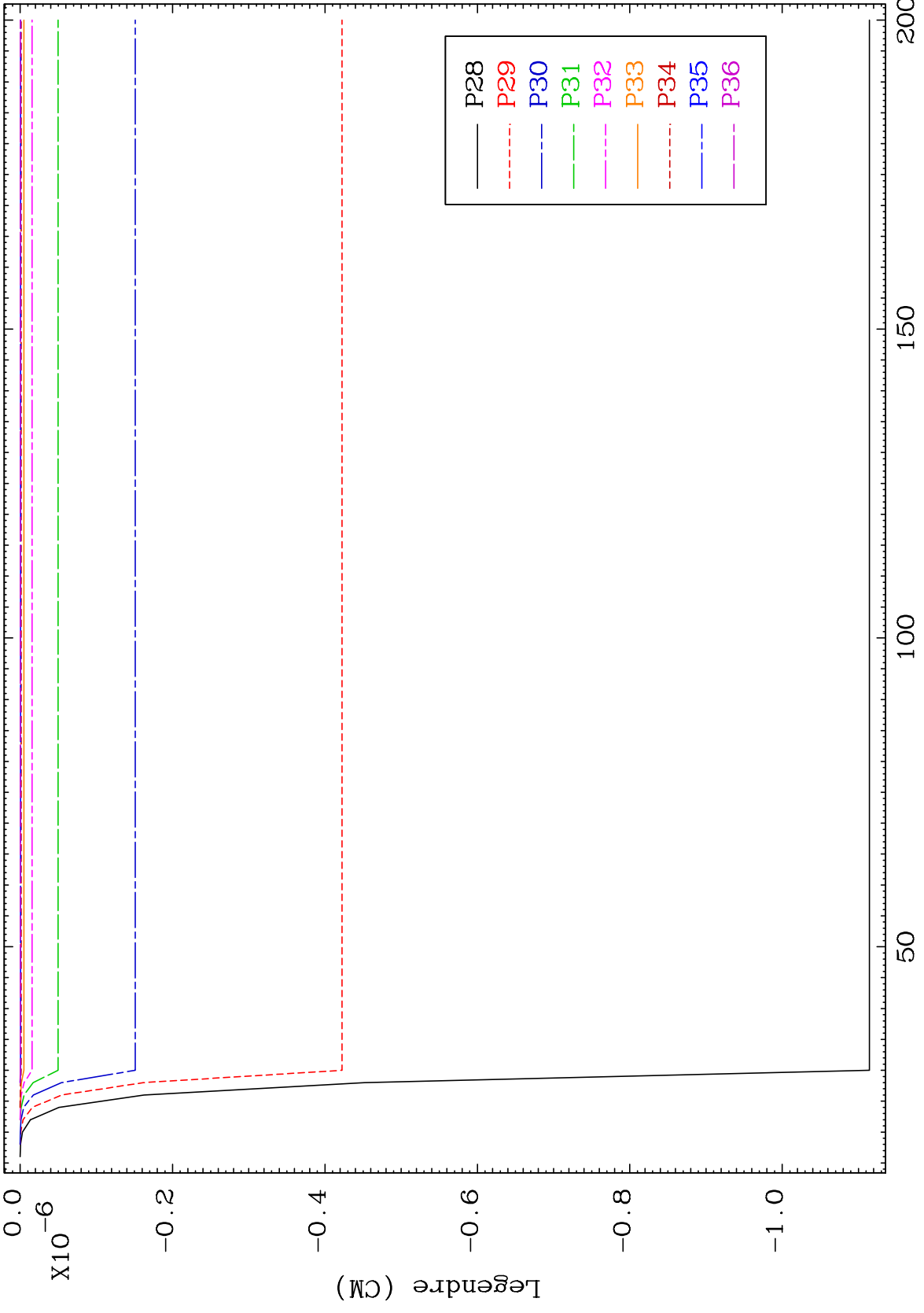


63

60-Nd-134

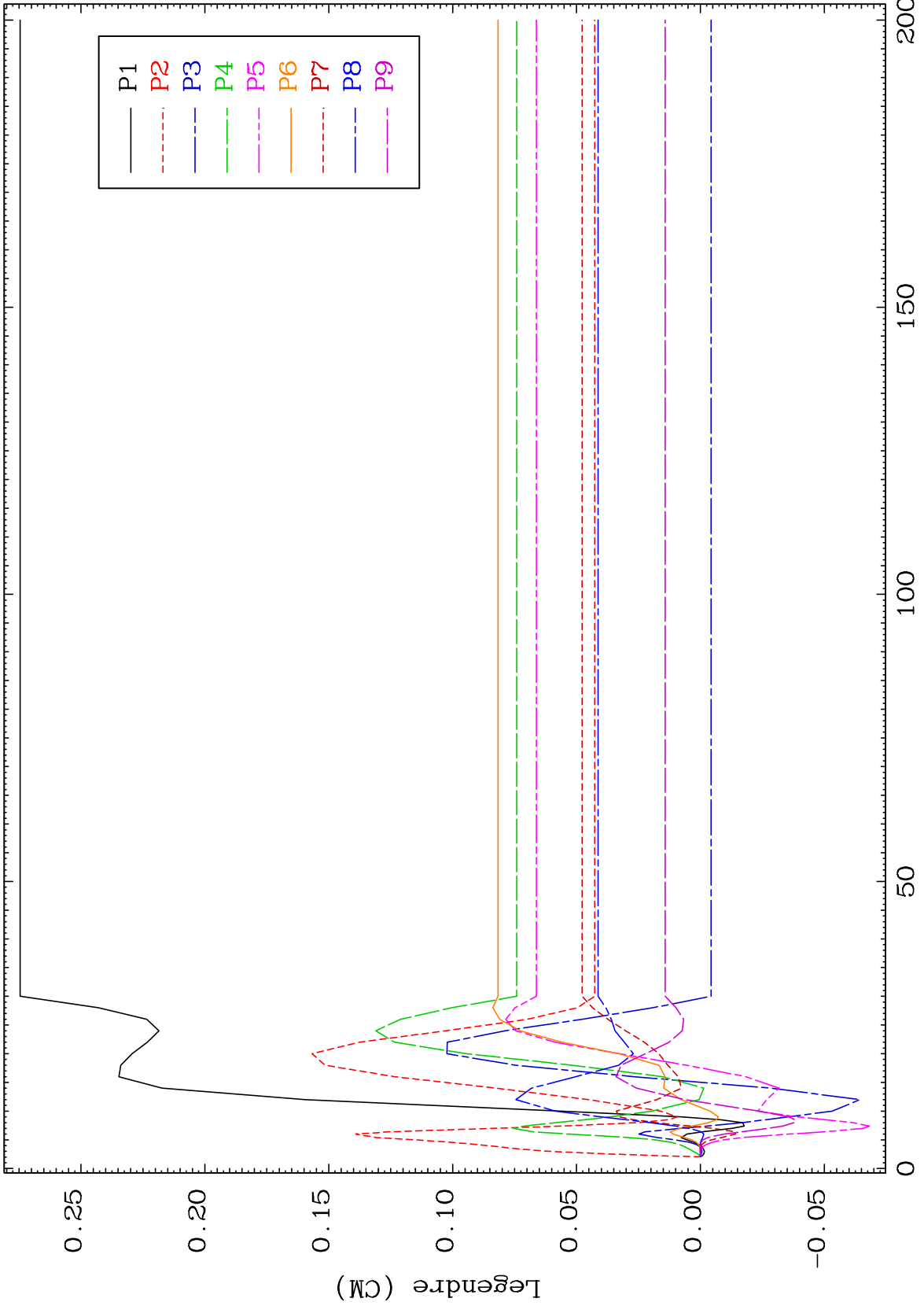


MAT 6001 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-134



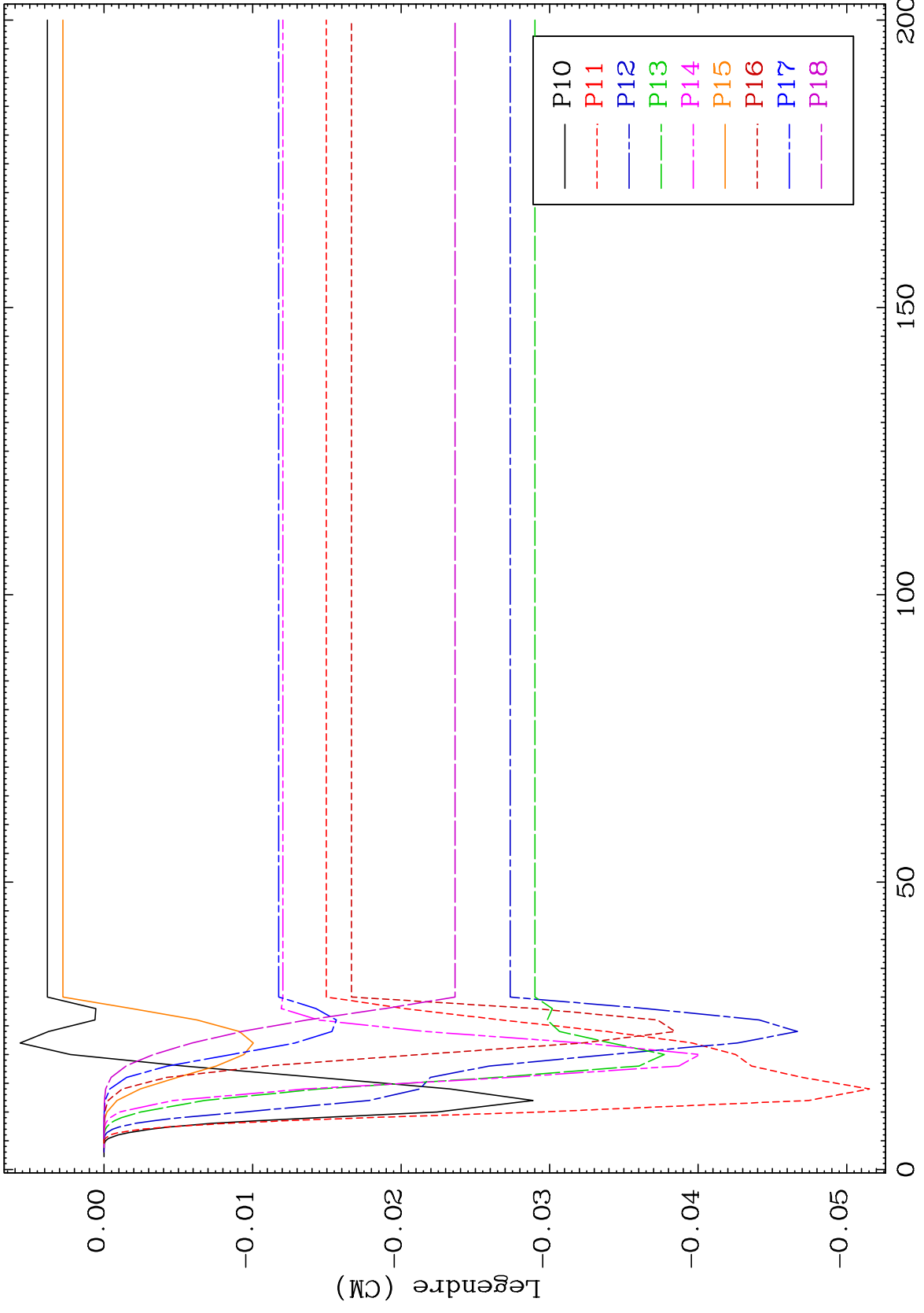
64 60-Nd-134

MAT 6001 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-134



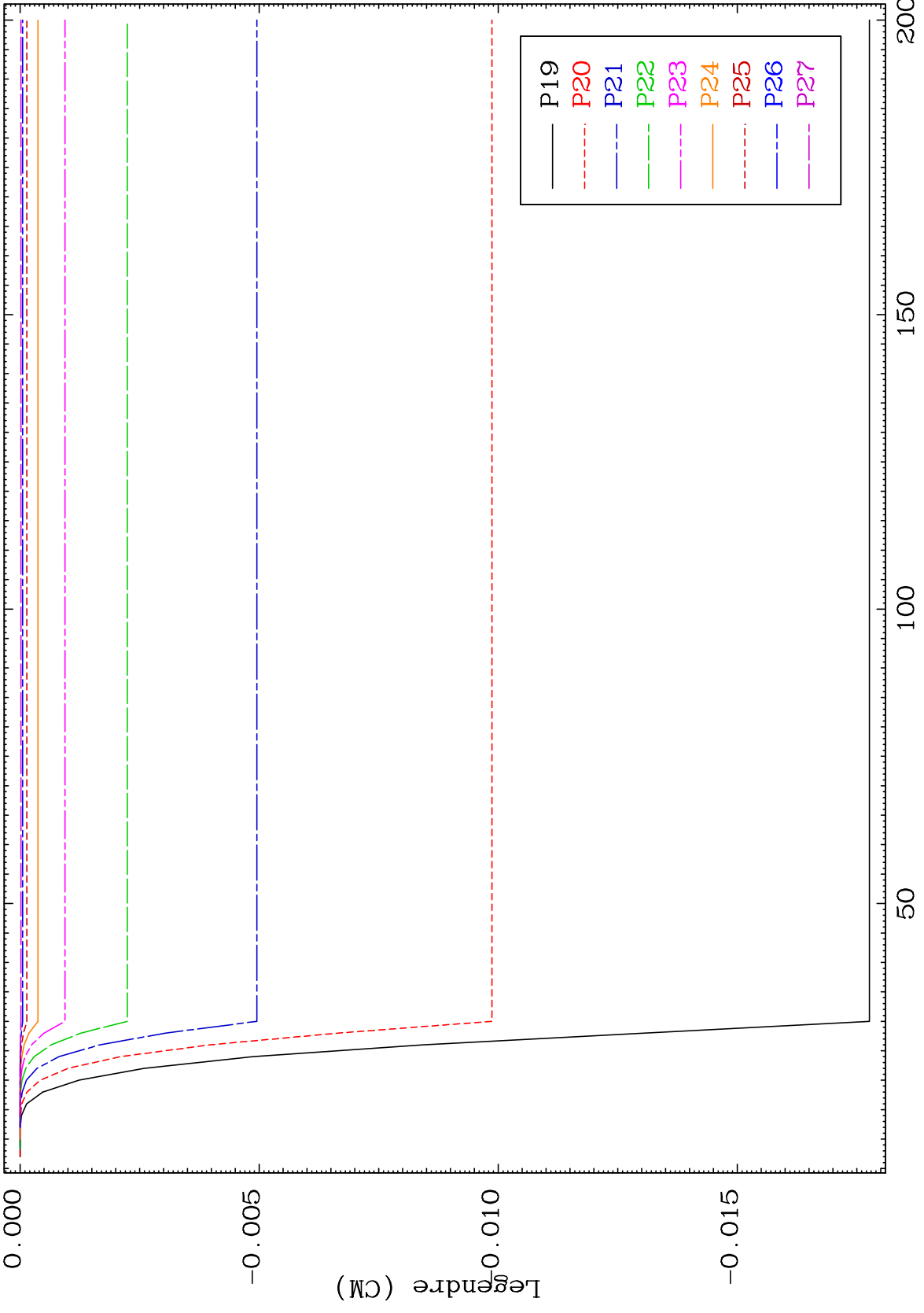
65 60-Nd-134 Incident Energy (MeV)

MAT 6001 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-134



66 60-Nd-134

MAT 6001 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-134

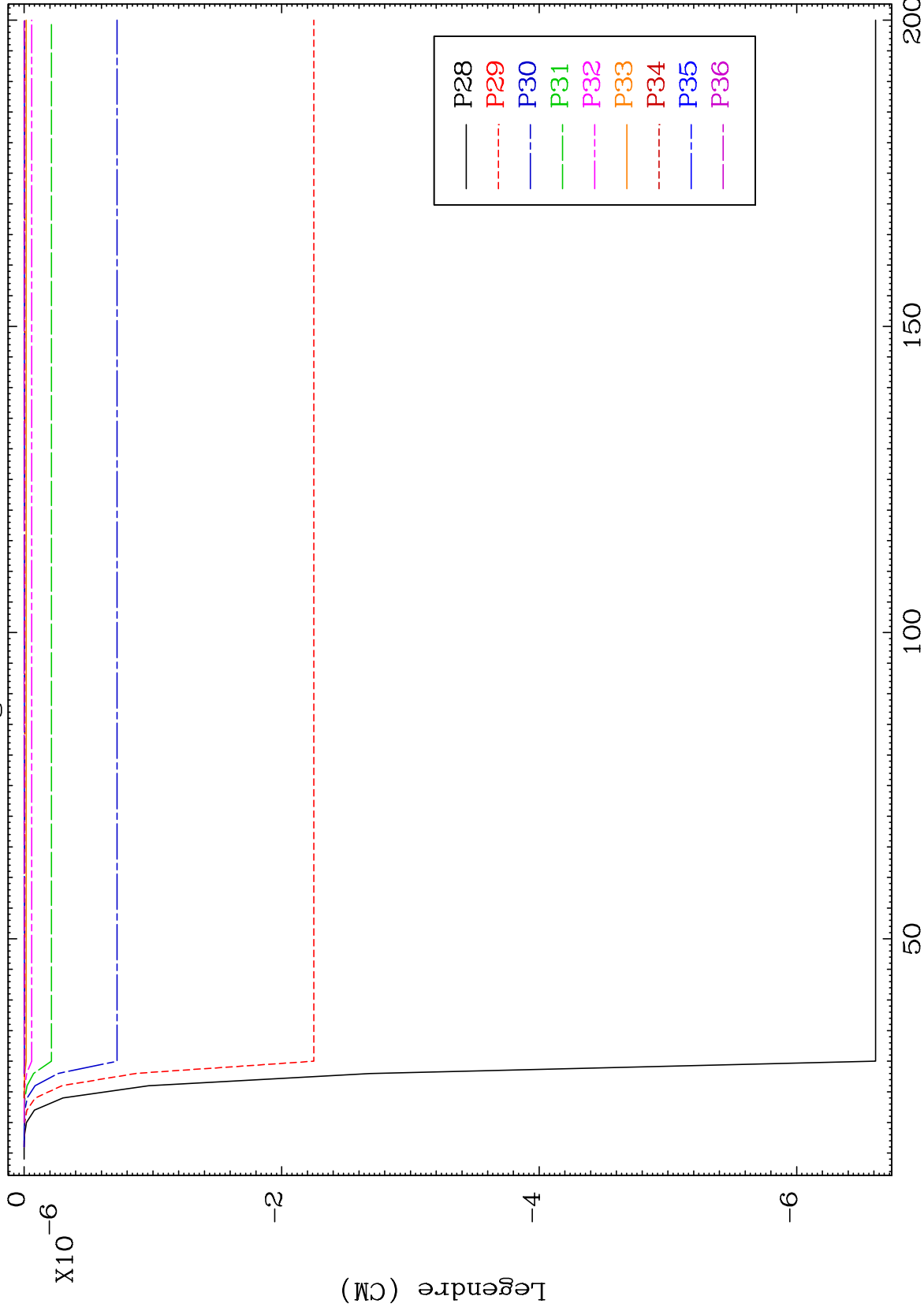


67 60-Nd-134

MAT 6001

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

60-Nd-134

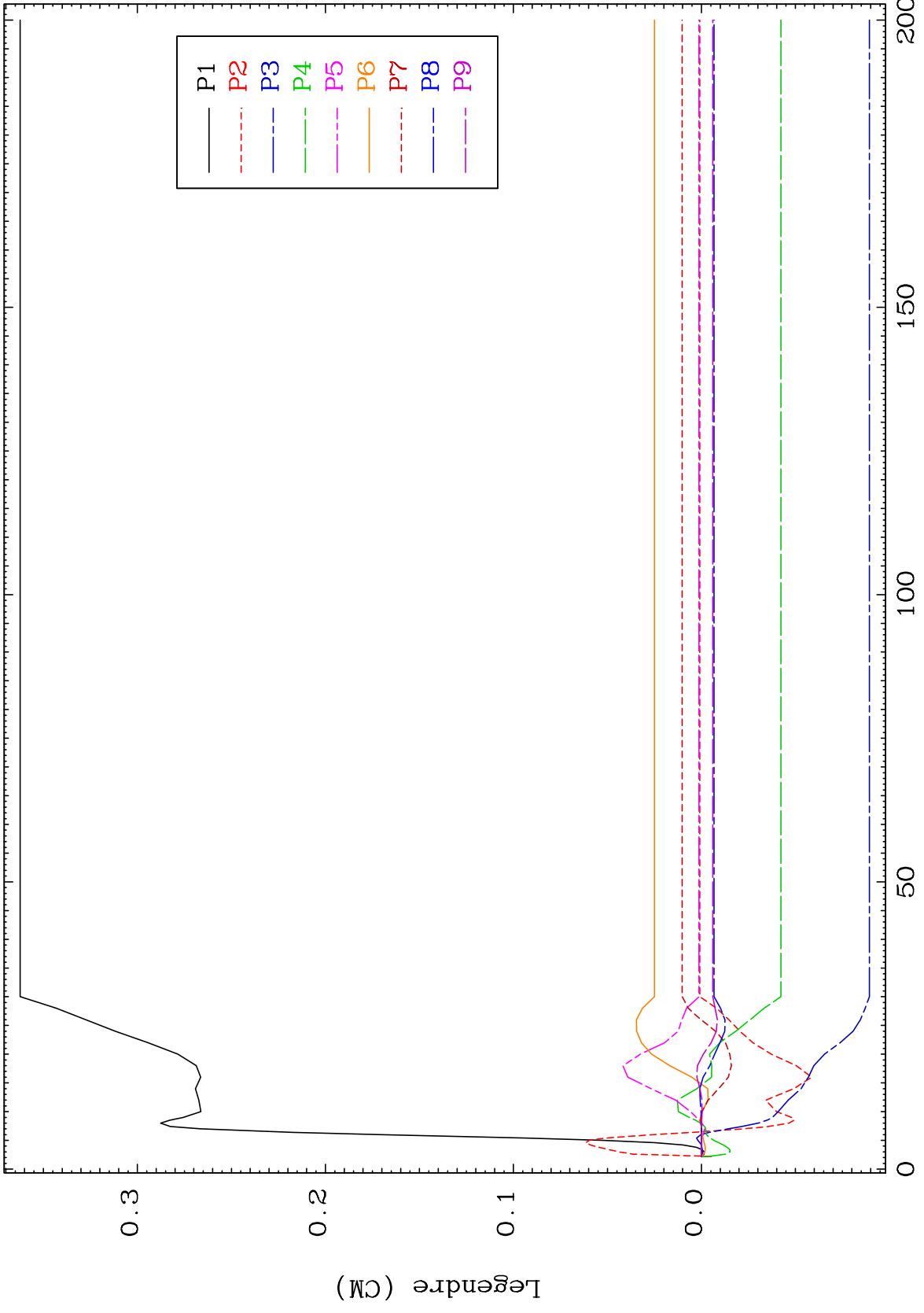


68

Incident Energy (MeV)

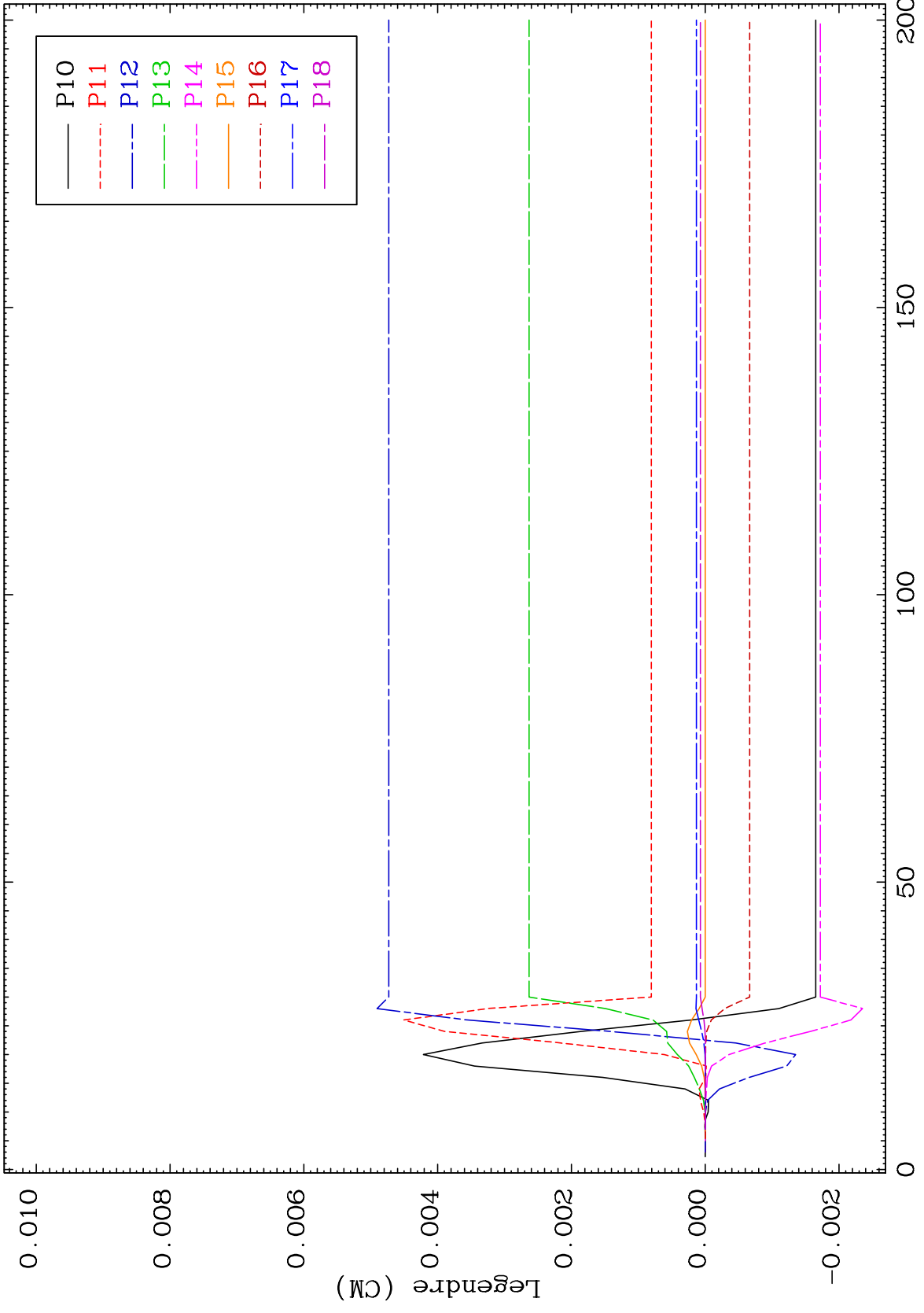
60-Nd-134

MAT 6001 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-134



69 60-Nd-134

MAT 6001 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-134

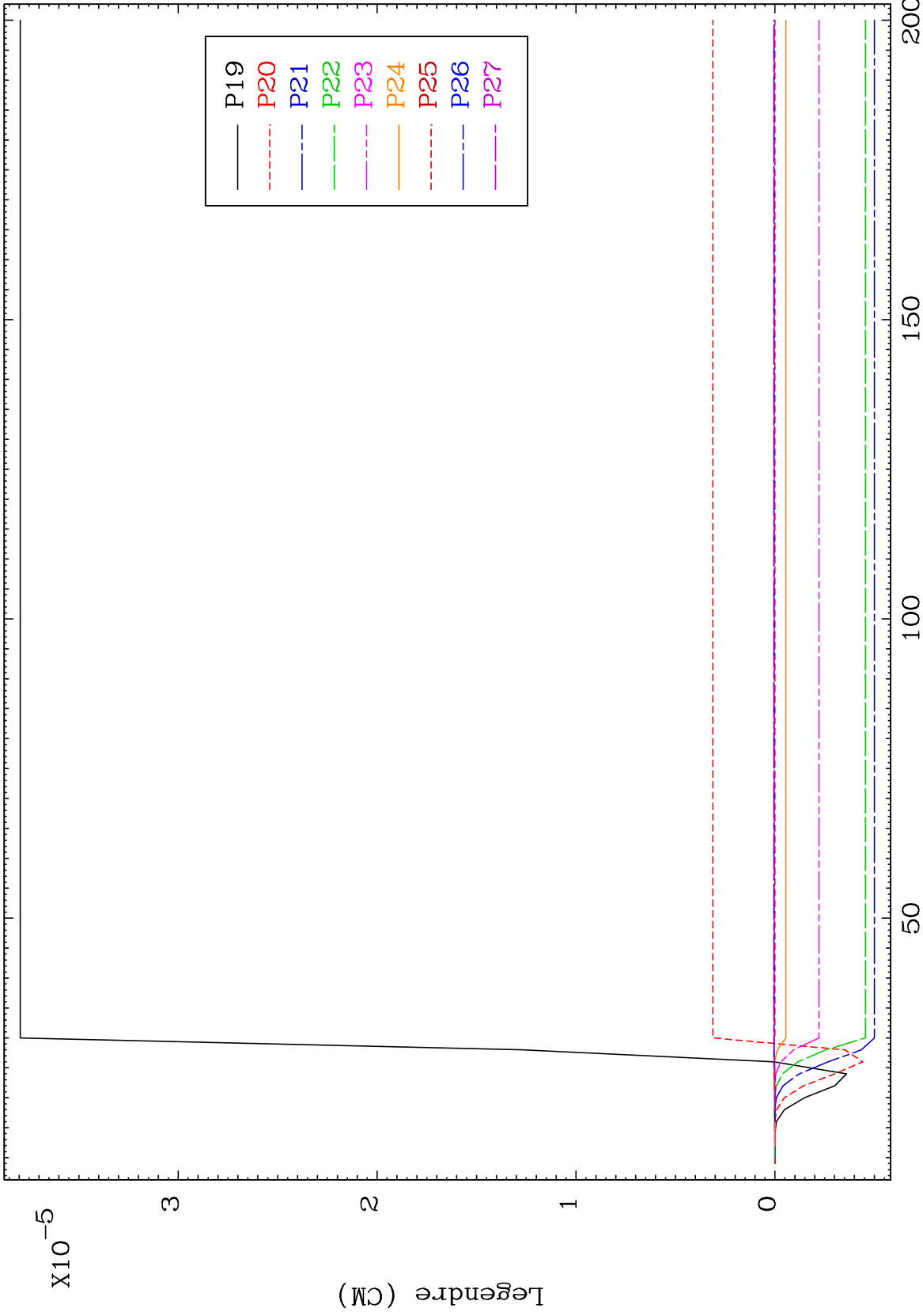


70 Incident Energy (MeV) 60-Nd-134

MAT 6001

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

60-Nd-134

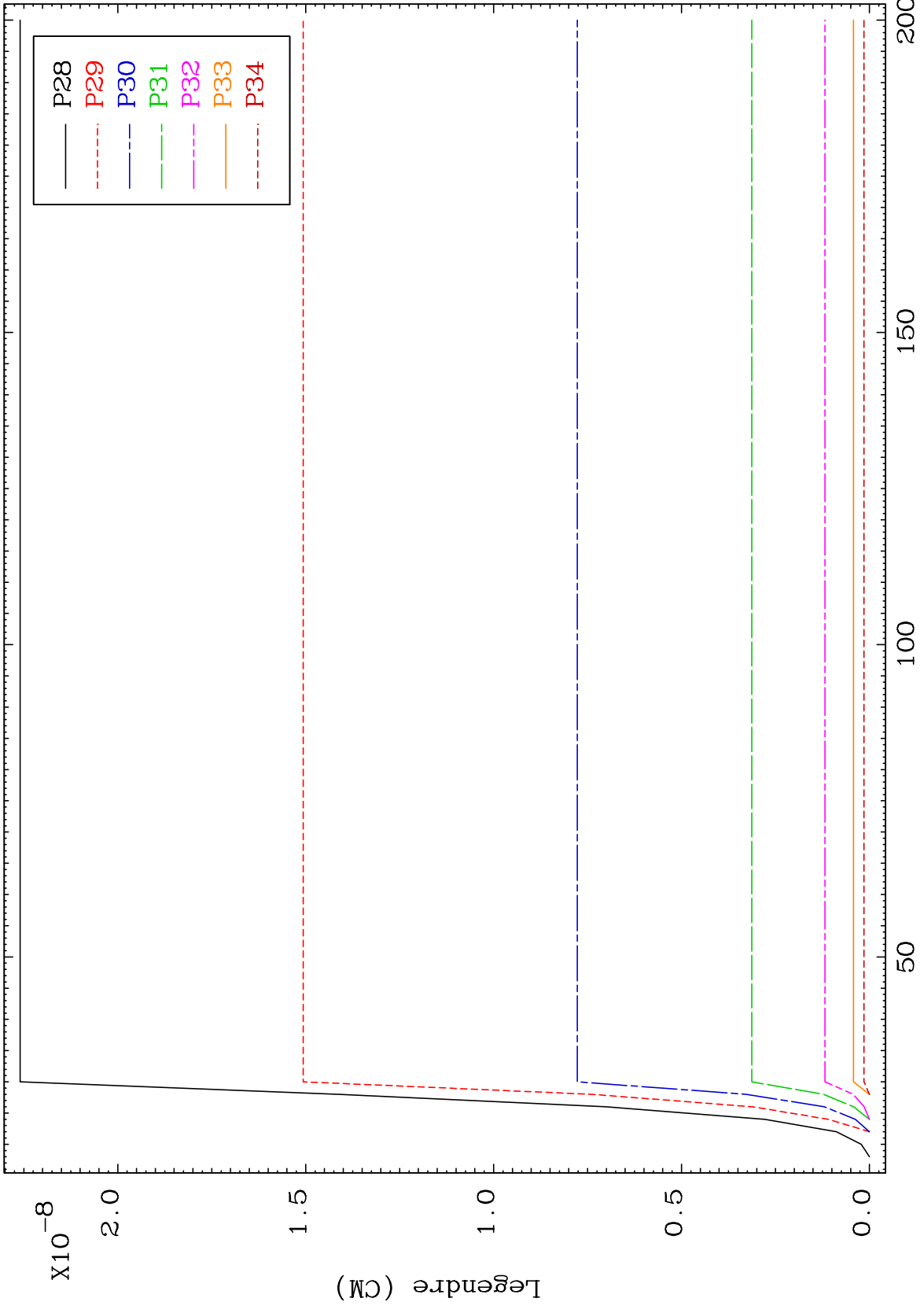


71

60-Nd-134

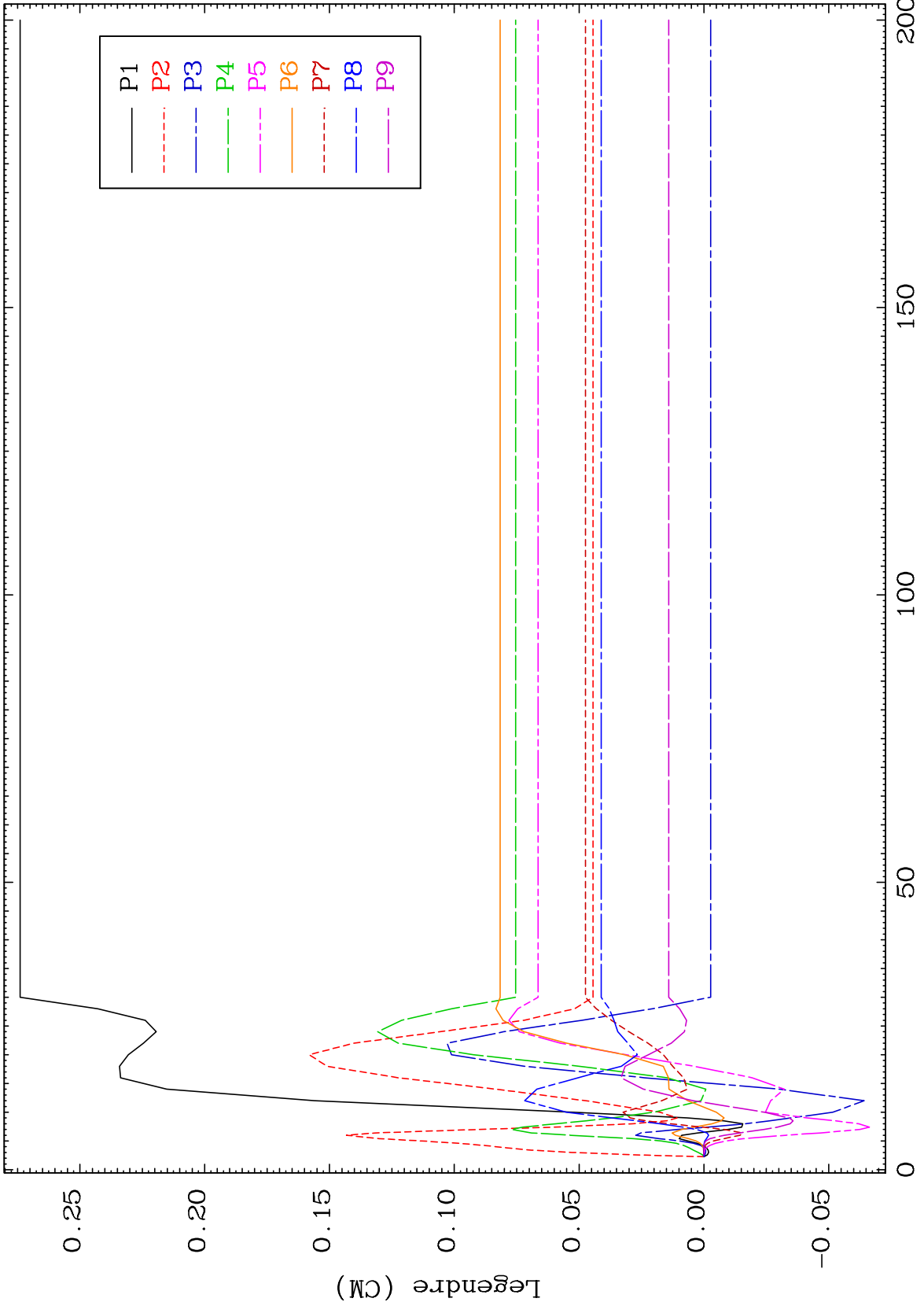


MAT 6001 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-134



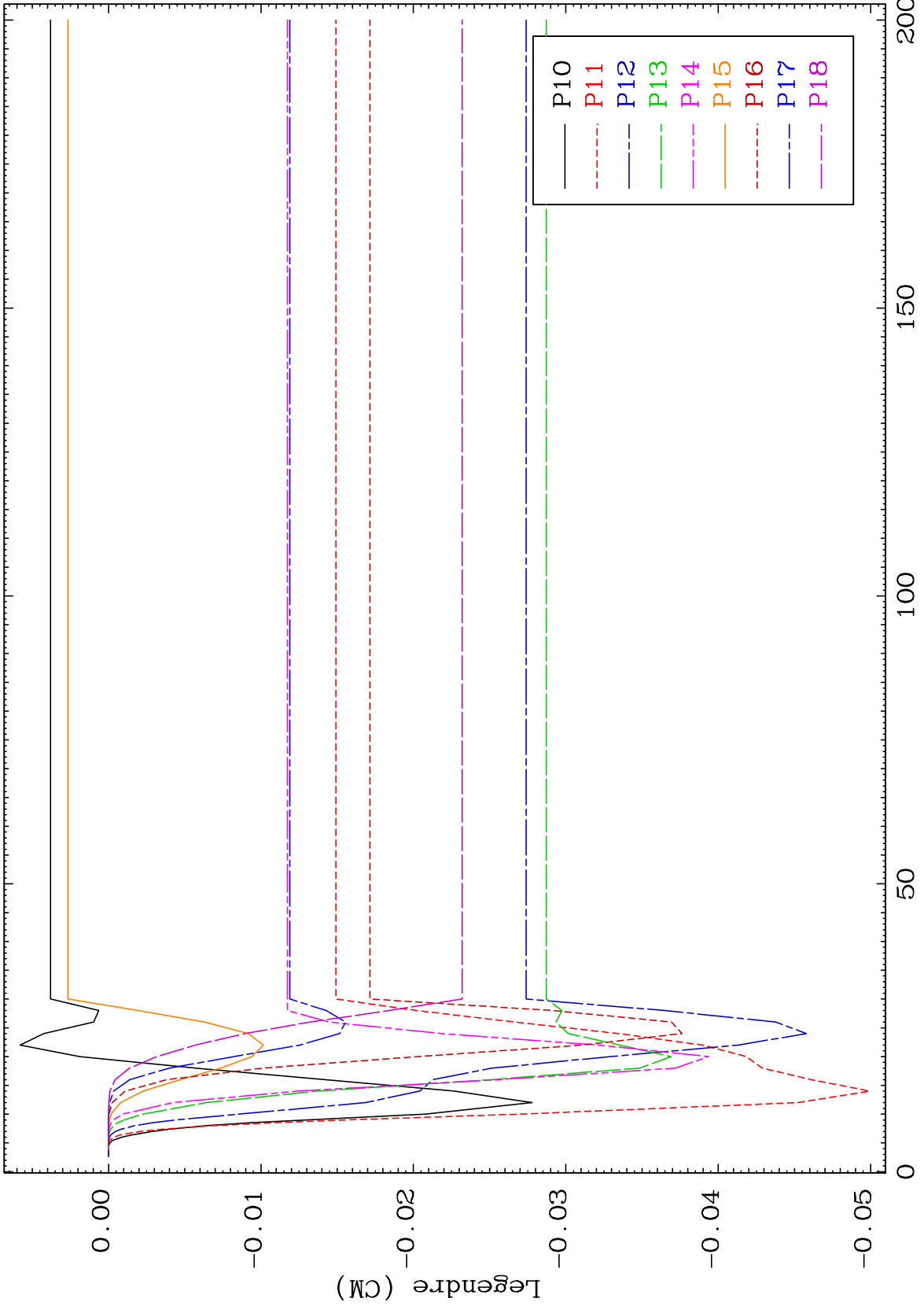
72 Incident Energy (MeV) 60-Nd-134

MAT 6001 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-134



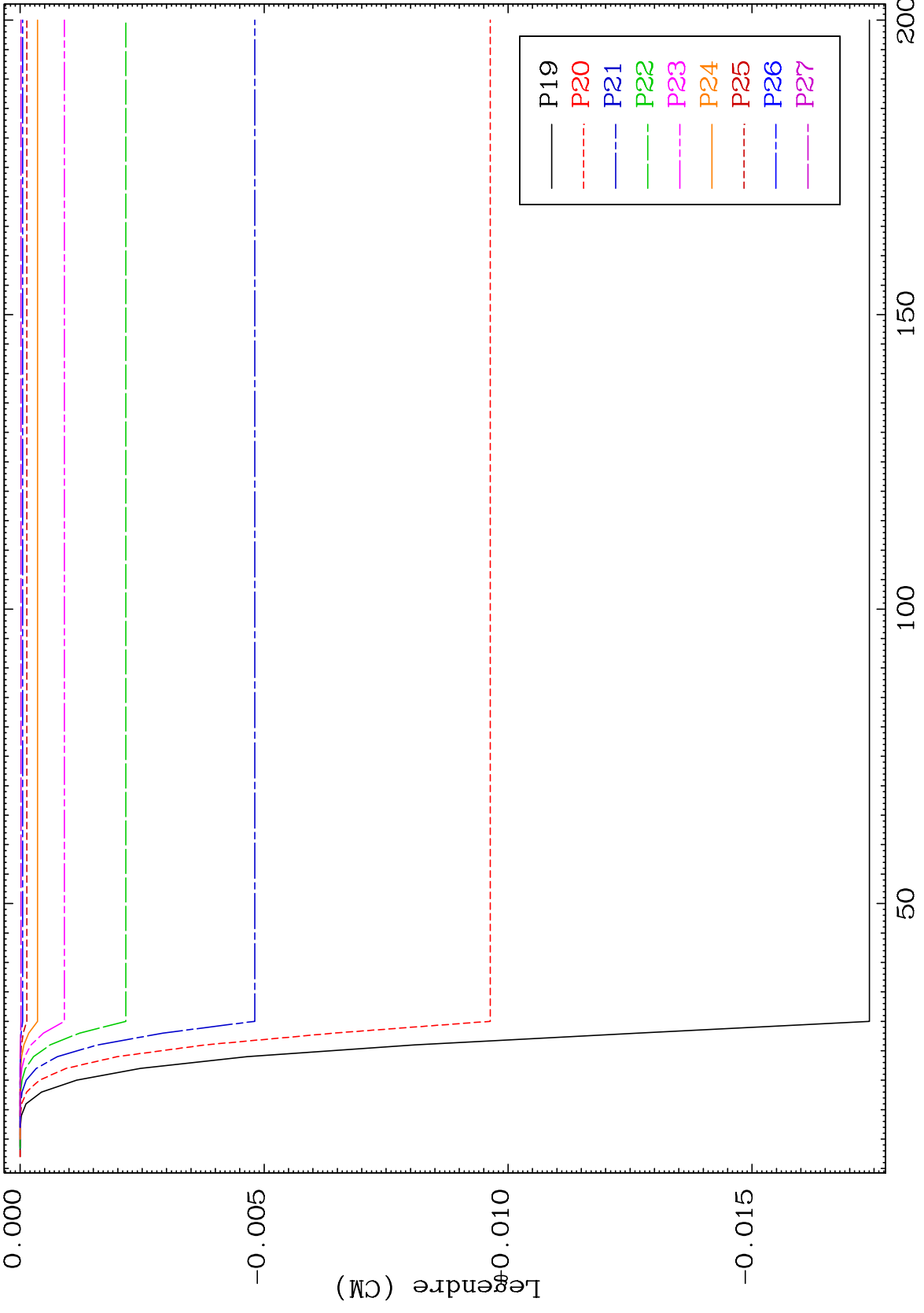
73 60-Nd-134

MAT 6001 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-134



74 60-Nd-134

MAT 6001 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-134



75 Incident Energy (MeV) 200 60-Nd-134

MAT 6001

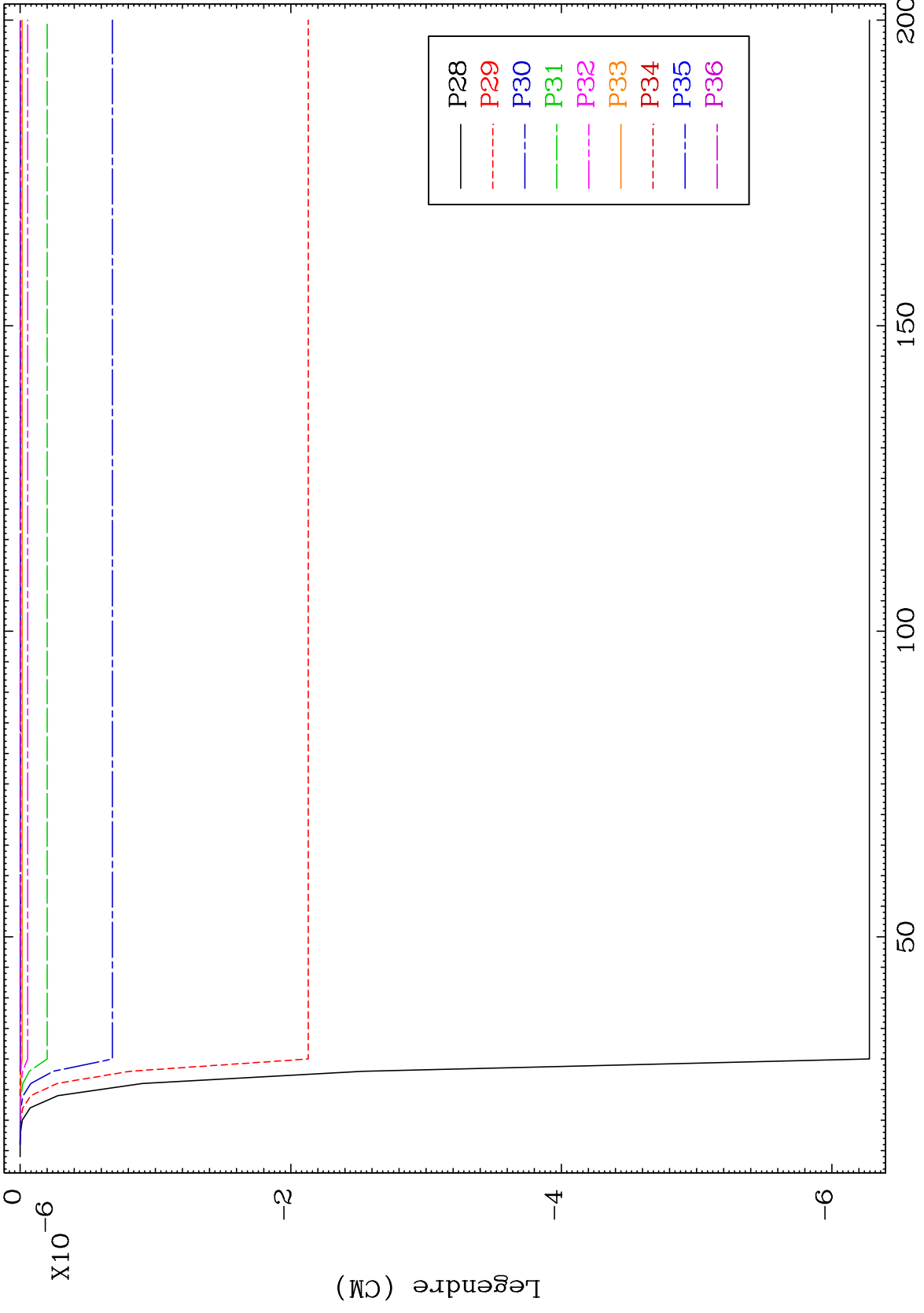
MT= 66 (n,n') Level  
Legendre Coefficients

60-Nd-134

60-Nd-134

Incident Energy (MeV)

76

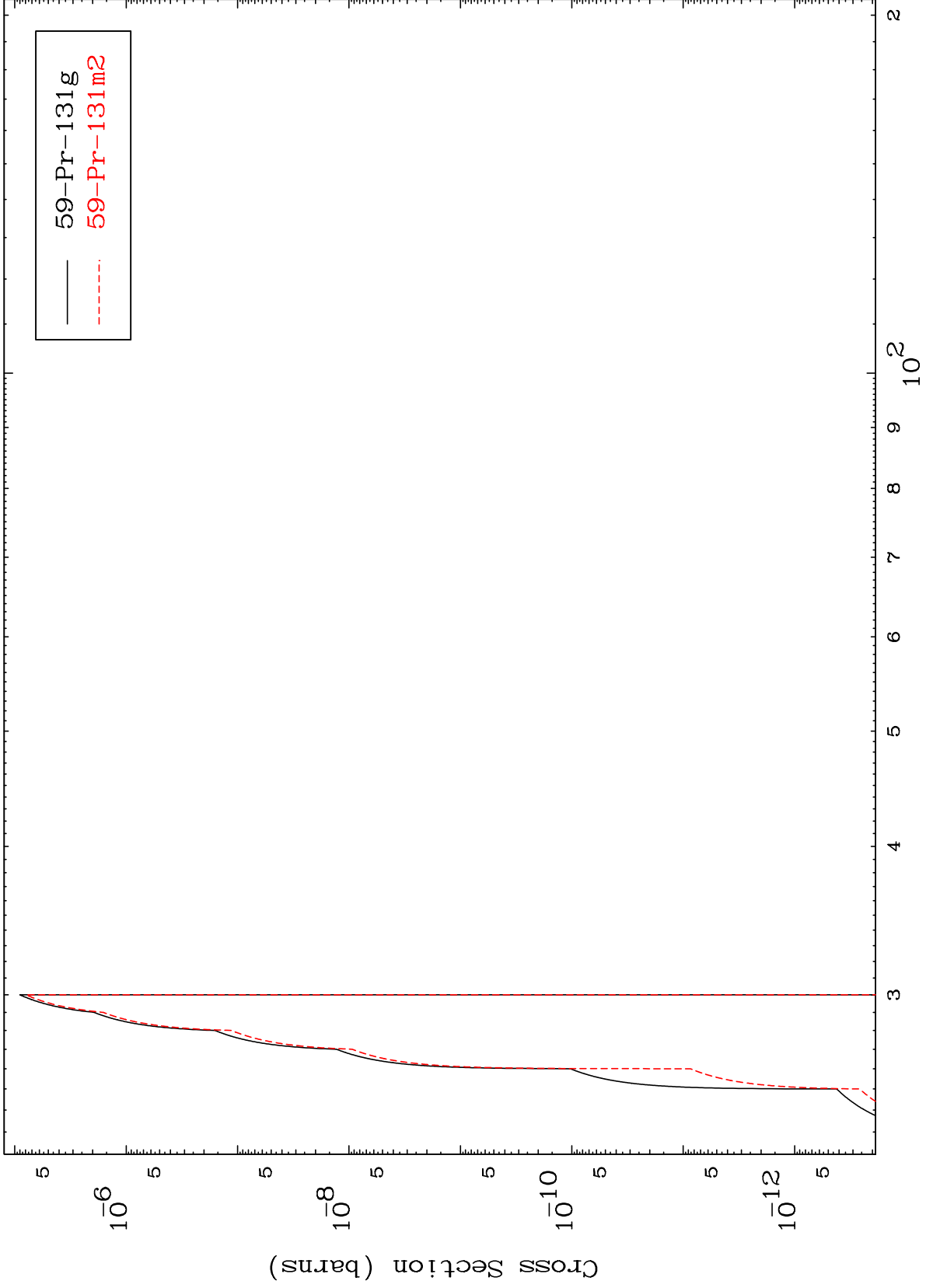


MAT 6001

(n,2n) d

60-Nd-134

Radionuclide Production Cross Section



77

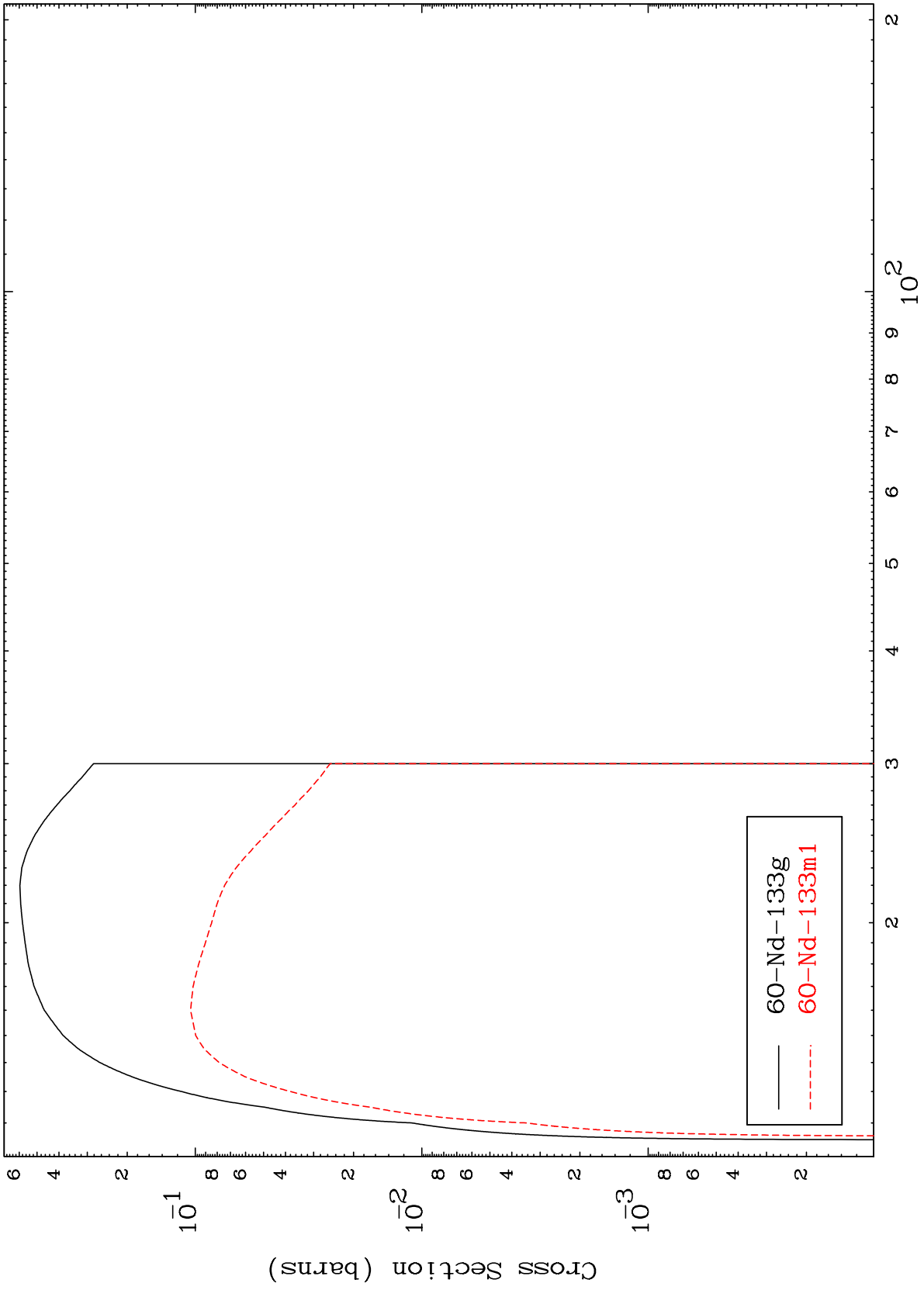
Incident Energy (MeV)

60-Nd-134

MAT 6001

60-Nd-134

(n,2n)  
Radionuclide Production Cross Section



78

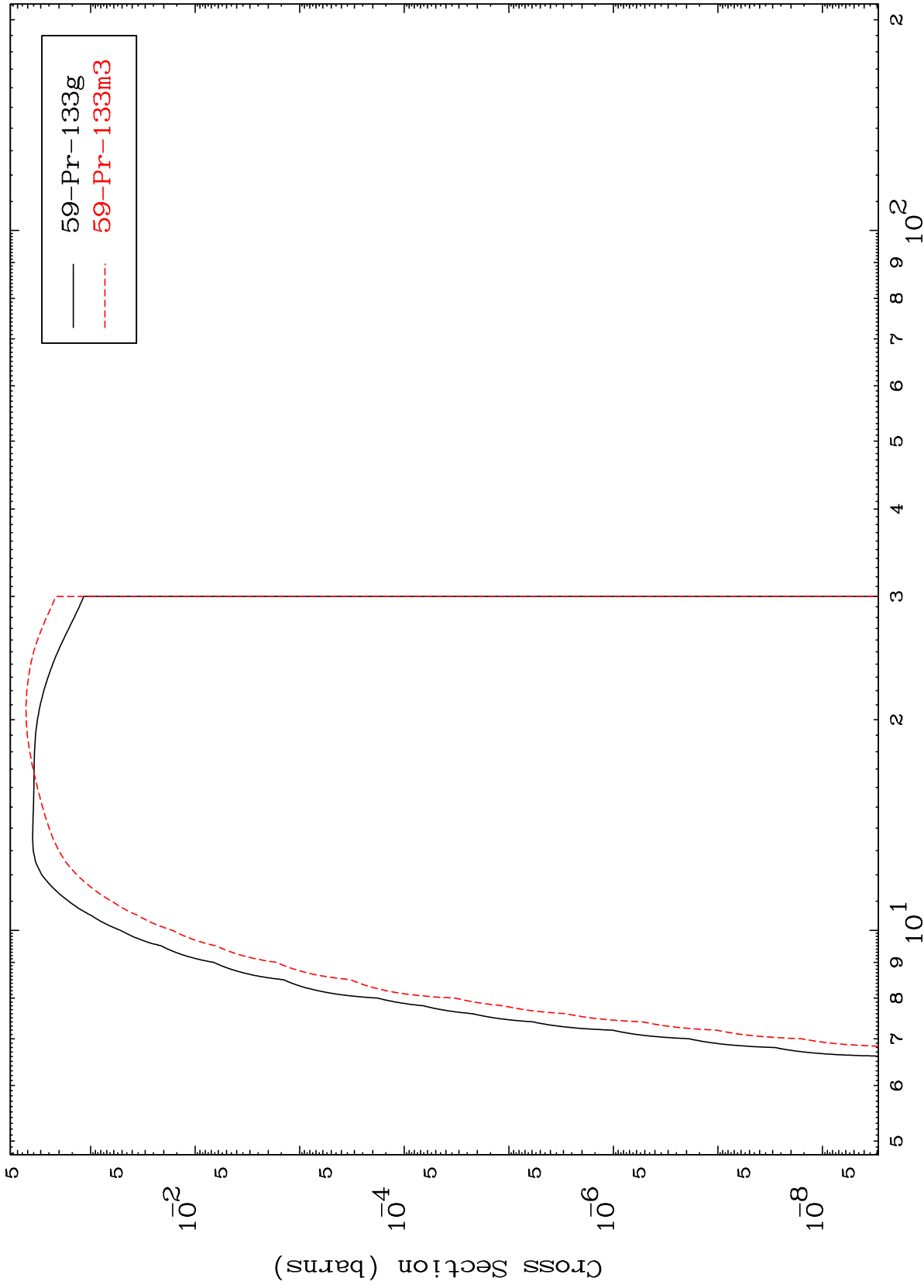
60-Nd-134

MAT 6001

(n,n') p

60-Nd-134

Radionuclide Production Cross Section



79

Incident Energy (MeV)

60-Nd-134

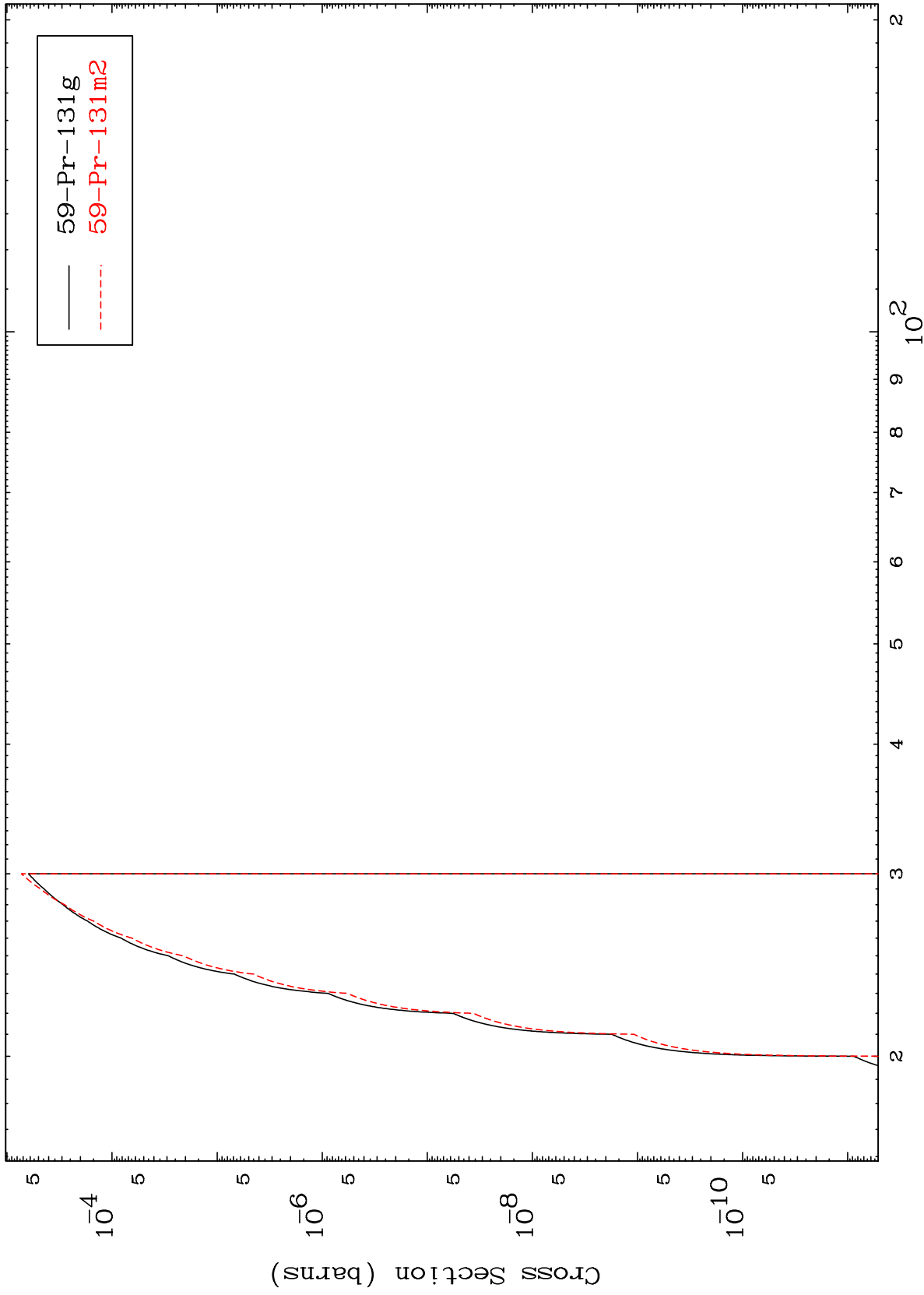


MAT 6001

(n,n') t

60-Nd-134

Radionuclide Production Cross Section



80

Incident Energy (MeV)

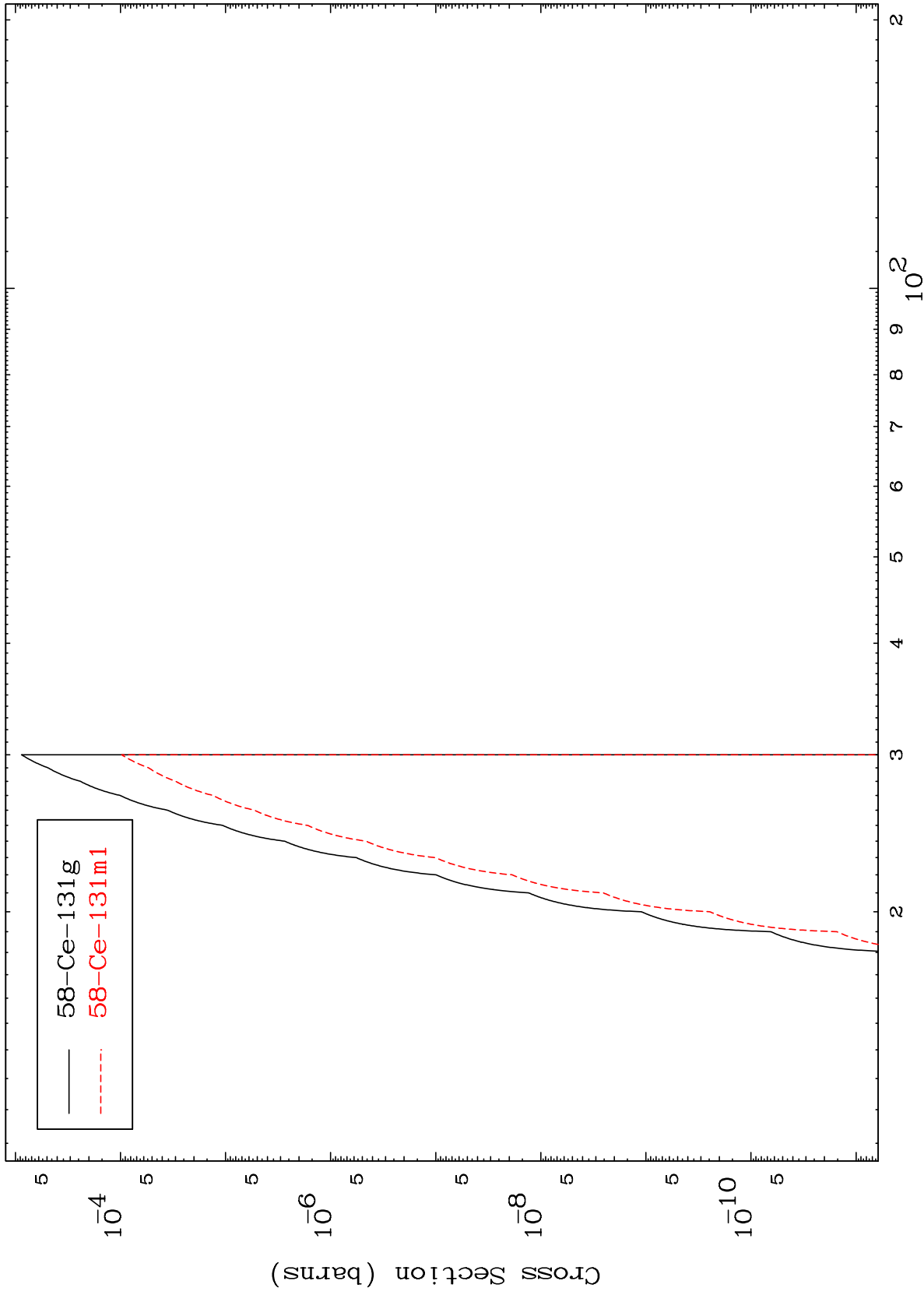
60-Nd-134

MAT 6001

(n, n') He-3

60-Nd-134

Radionuclide Production Cross Section



81

Incident Energy (MeV)

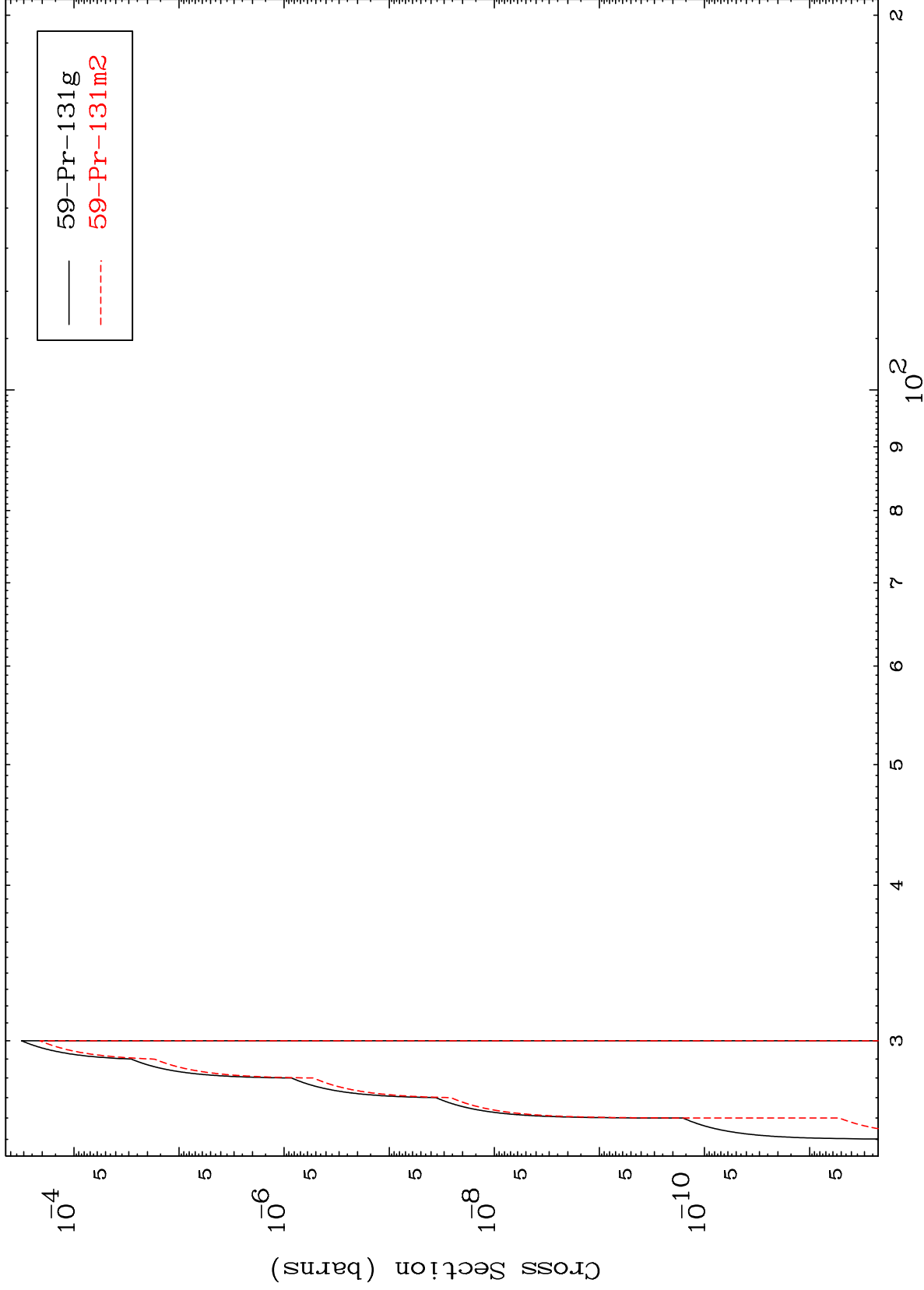
60-Nd-134

MAT 6001

(n,3n) p

60-Nd-134

Radionuclide Production Cross Section



82

Incident Energy (MeV)

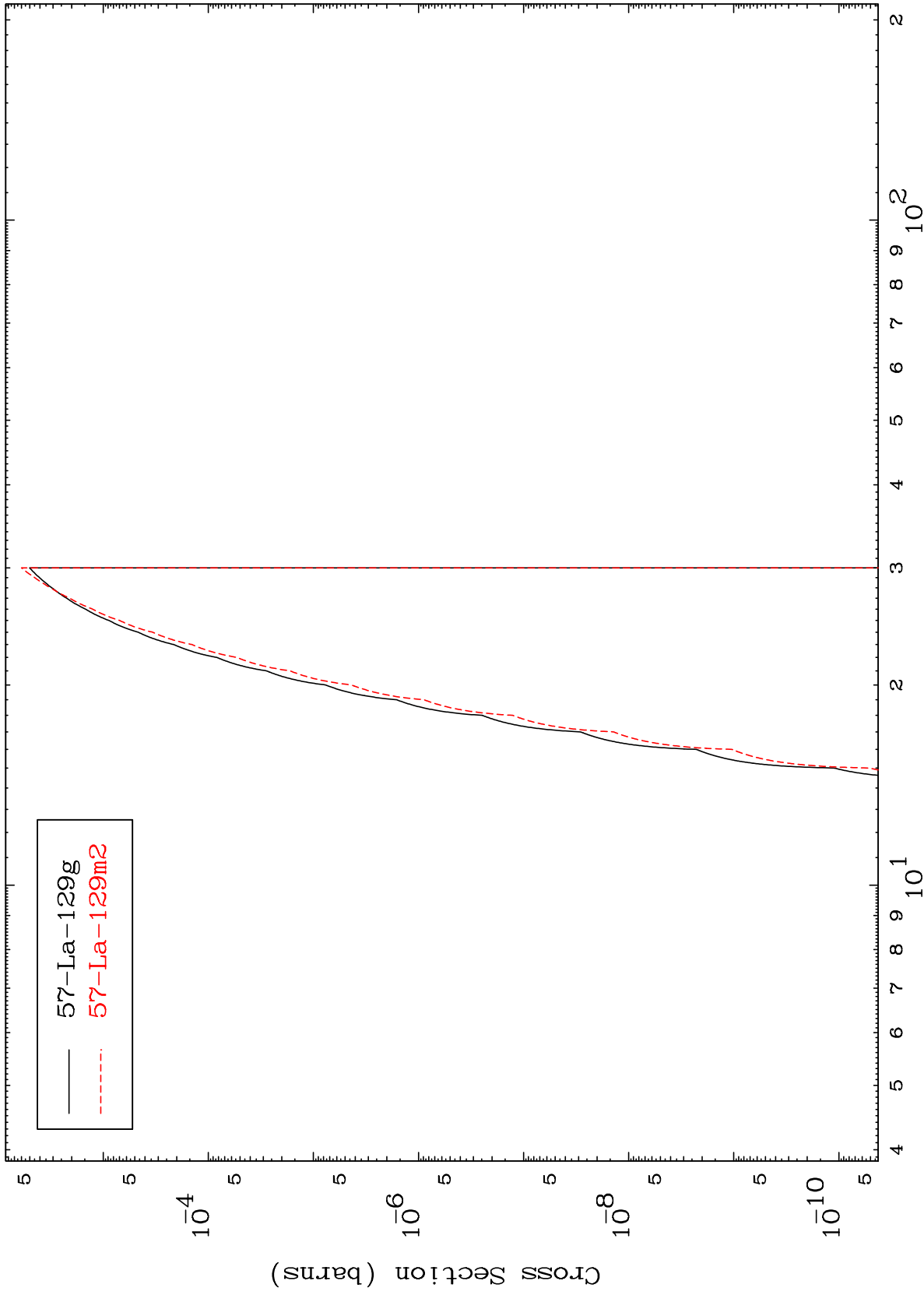
60-Nd-134

MAT 6001

(n,n') p  $\alpha$

60-Nd-134

Radionuclide Production Cross Section



83

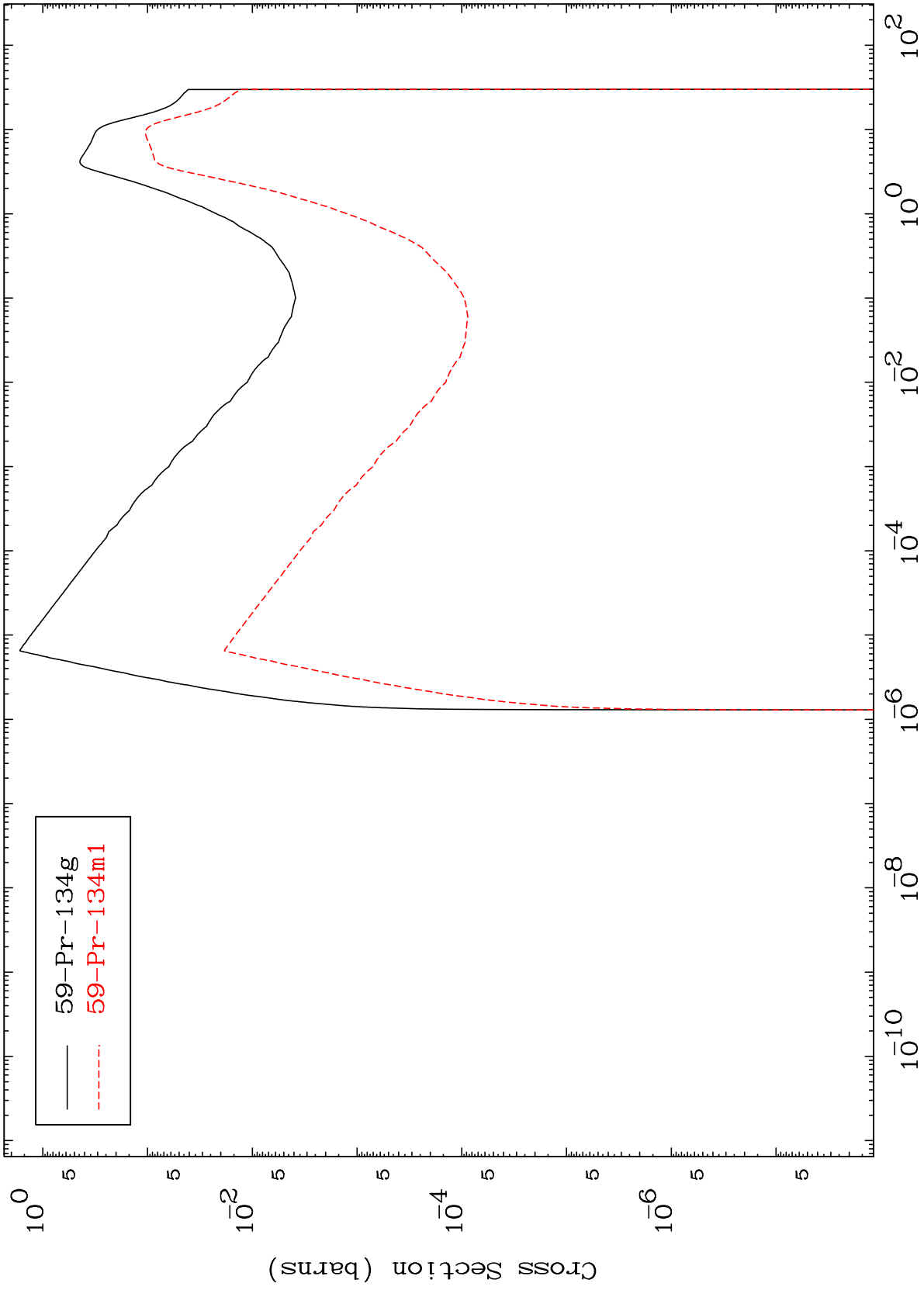
Incident Energy (MeV)

60-Nd-134

MAT 6001

Radionuclide Production Cross Section  
(n,p)

60-Nd-134

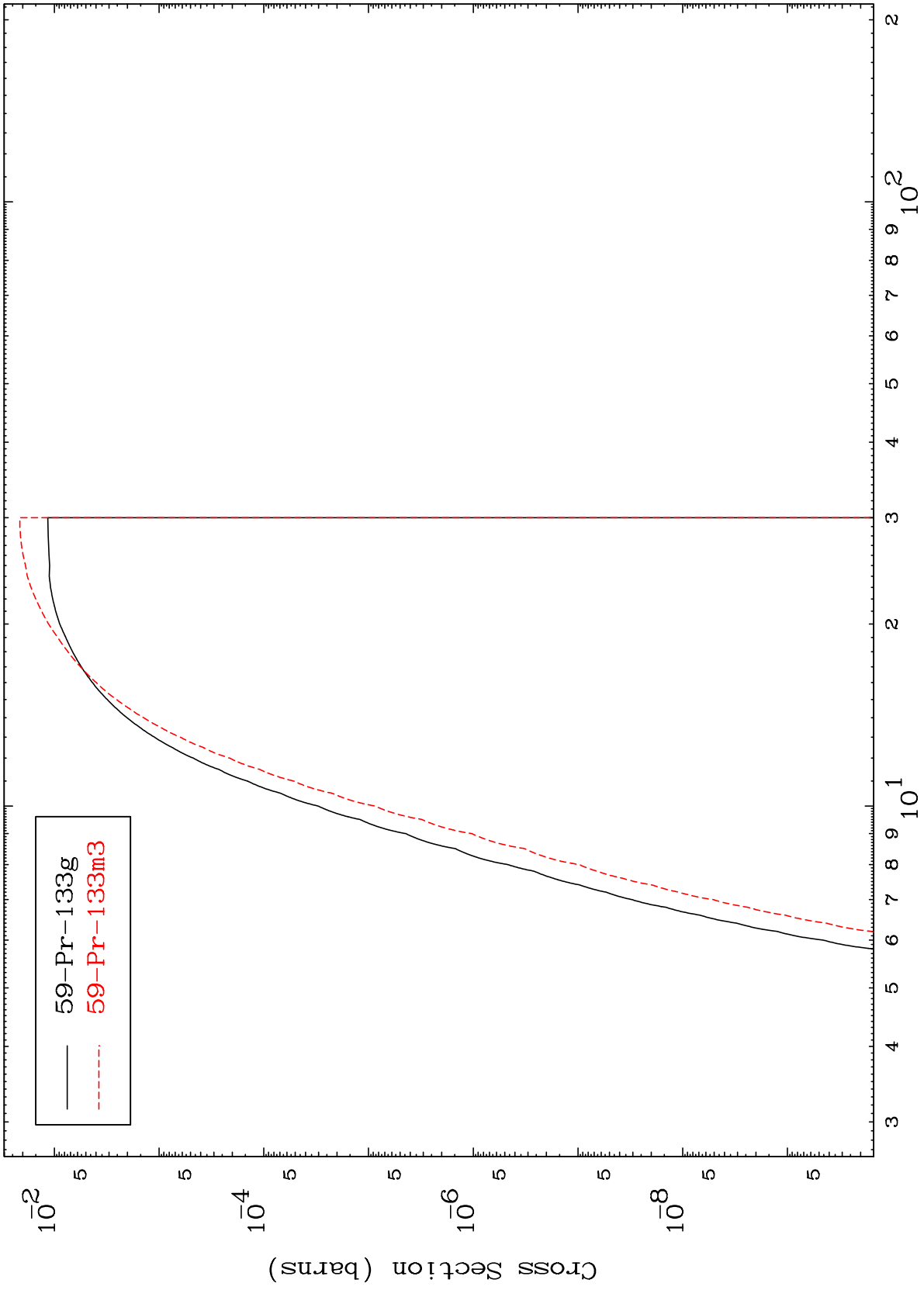


— 59-Pr-134g  
- - - 59-Pr-134m1

MAT 6001

(n,d)  
Radionuclide Production Cross Section

60-Nd-134



85

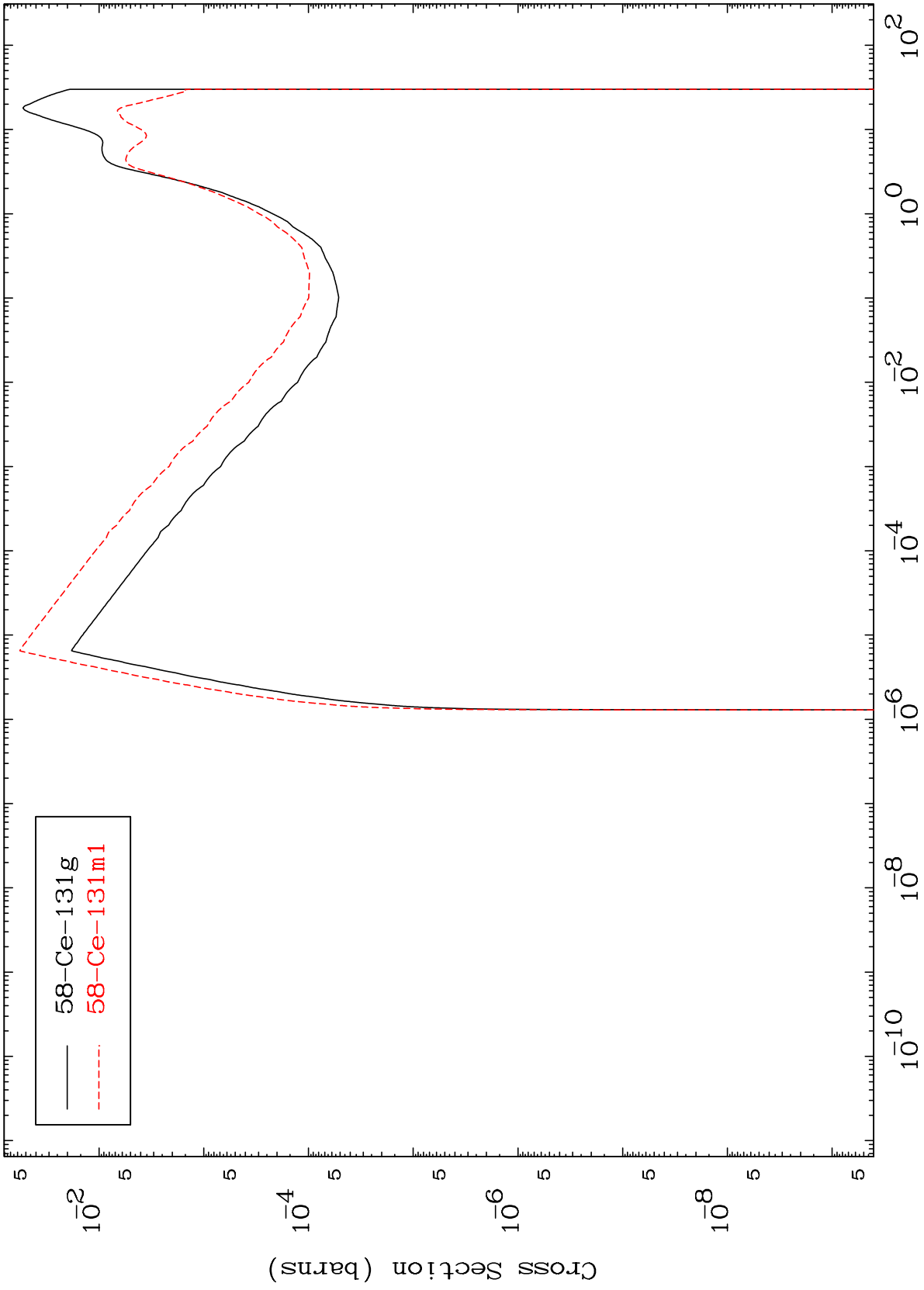
Incident Energy (MeV)

60-Nd-134

MAT 6001

Radionuclide Production Cross Section  
(n,  $\alpha$ )

$^{60}\text{Nd-134}$



86

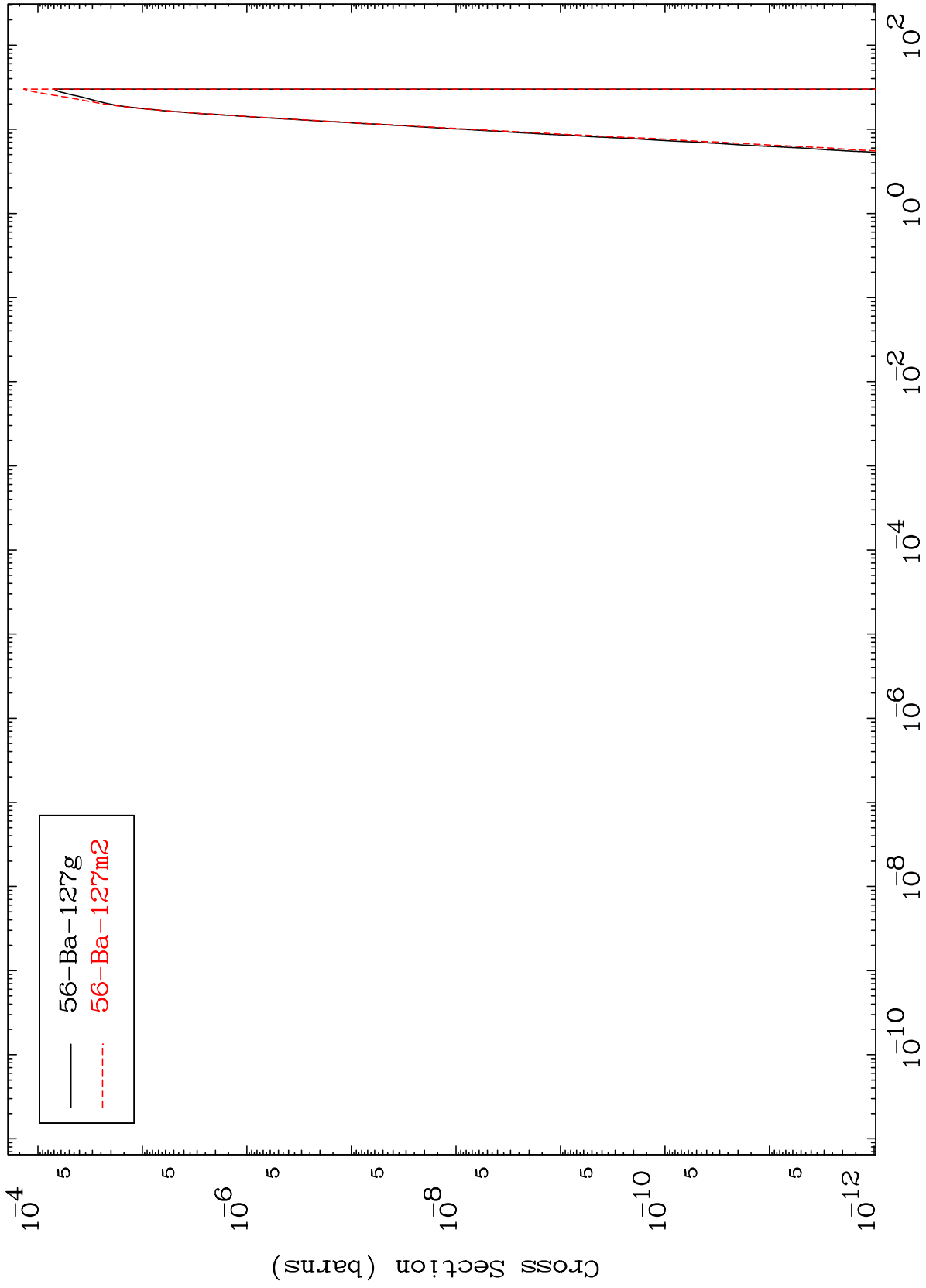
$^{60}\text{Nd-134}$

MAT 6001

(n,2α)

60-Nd-134

Radionuclide Production Cross Section

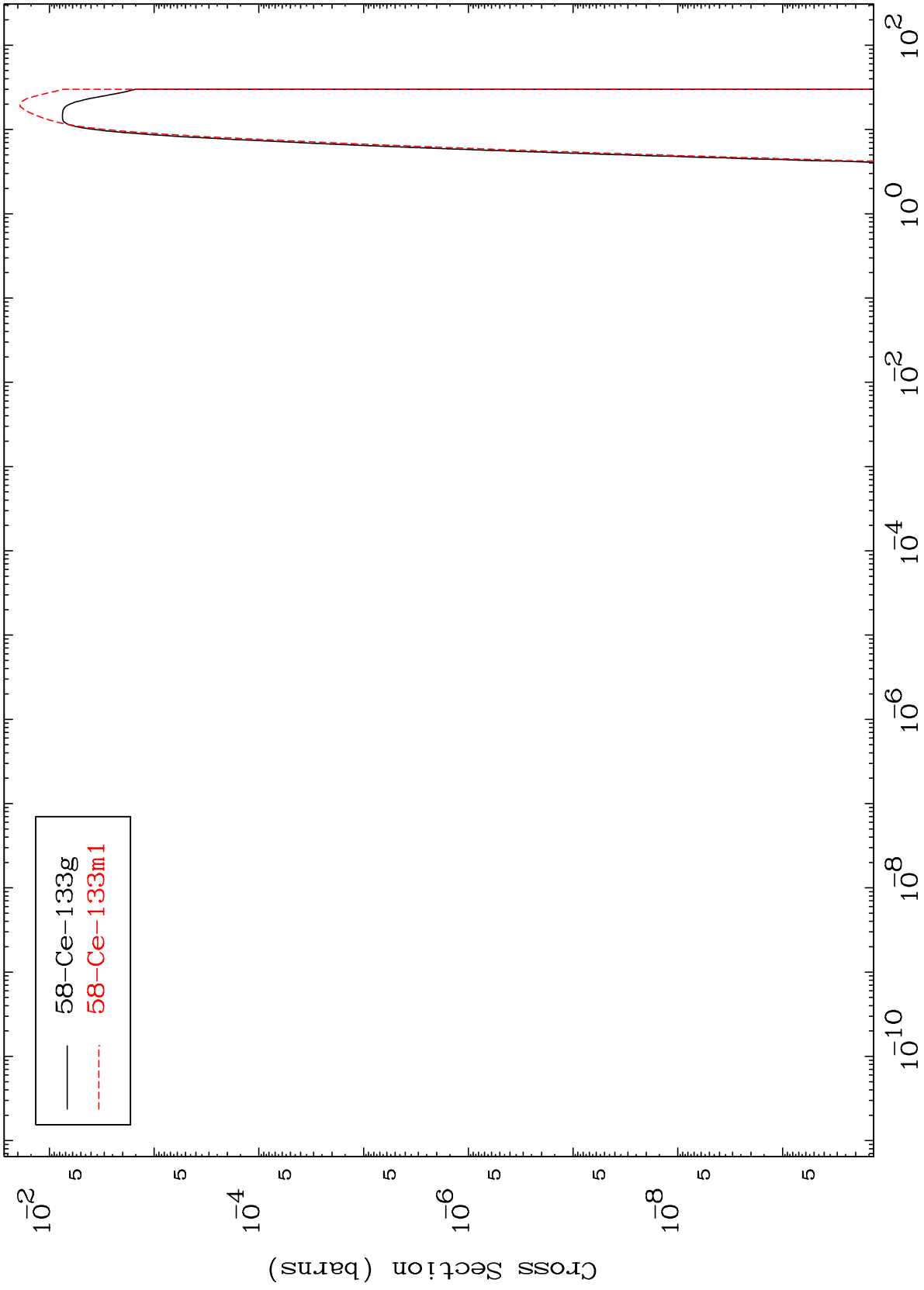




MAT 6001

(n,2p)  
Radionuclide Production Cross Section

60-Nd-134



58-Ce-133g  
58-Ce-133m1

88

Incident Energy (MeV)

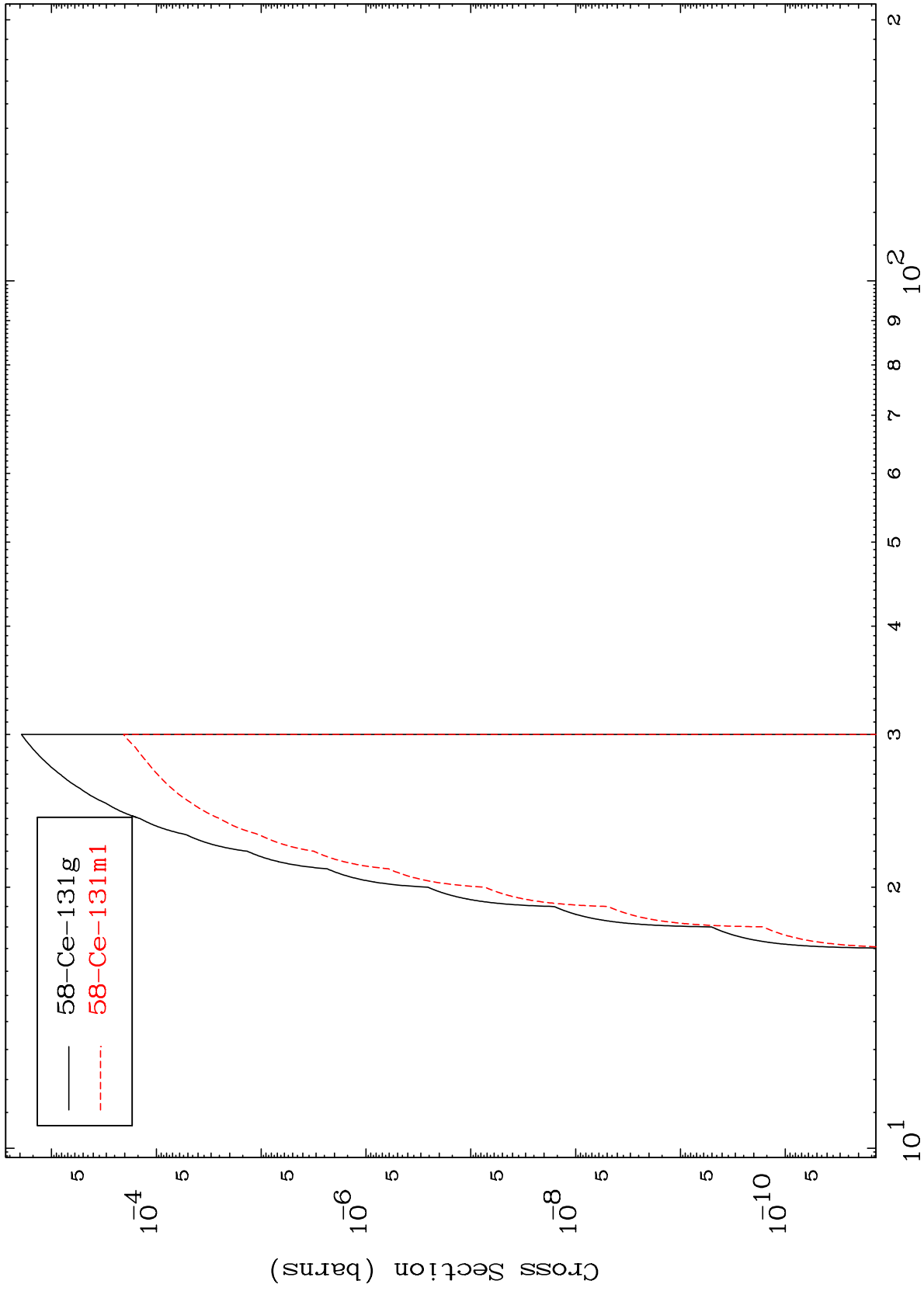
60-Nd-134

MAT 6001

(n,p) t

60-Nd-134

Radionuclide Production Cross Section



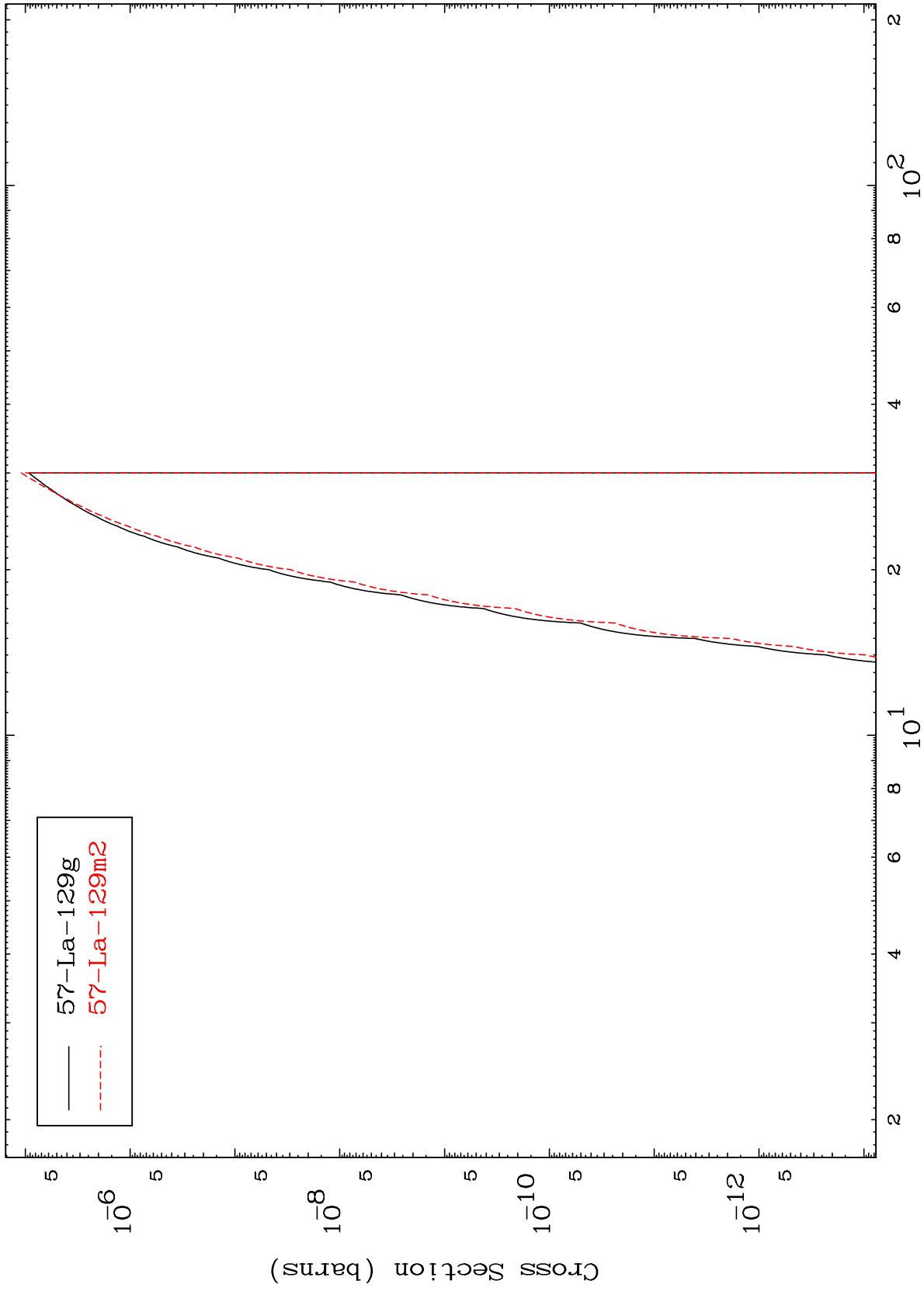
58-Ce-131g  
58-Ce-131m1

MAT 6001

(n,d)  $\alpha$

60-Nd-134

Radionuclide Production Cross Section



90

Incident Energy (MeV)

60-Nd-134