

Program EVALPLOT  
(Version 2018-1)

by

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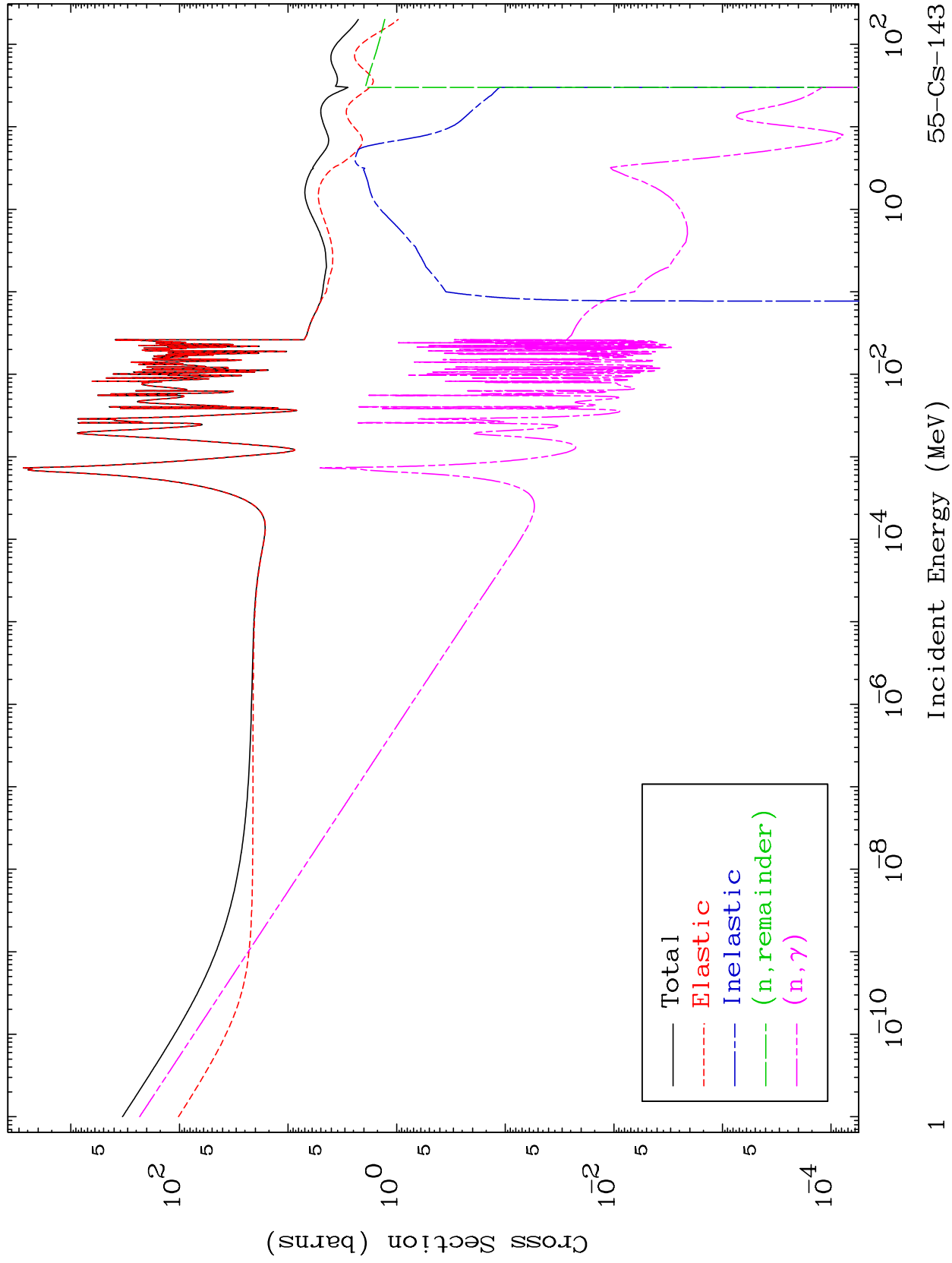
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5555

Major  
293 Kelvin Cross Sections

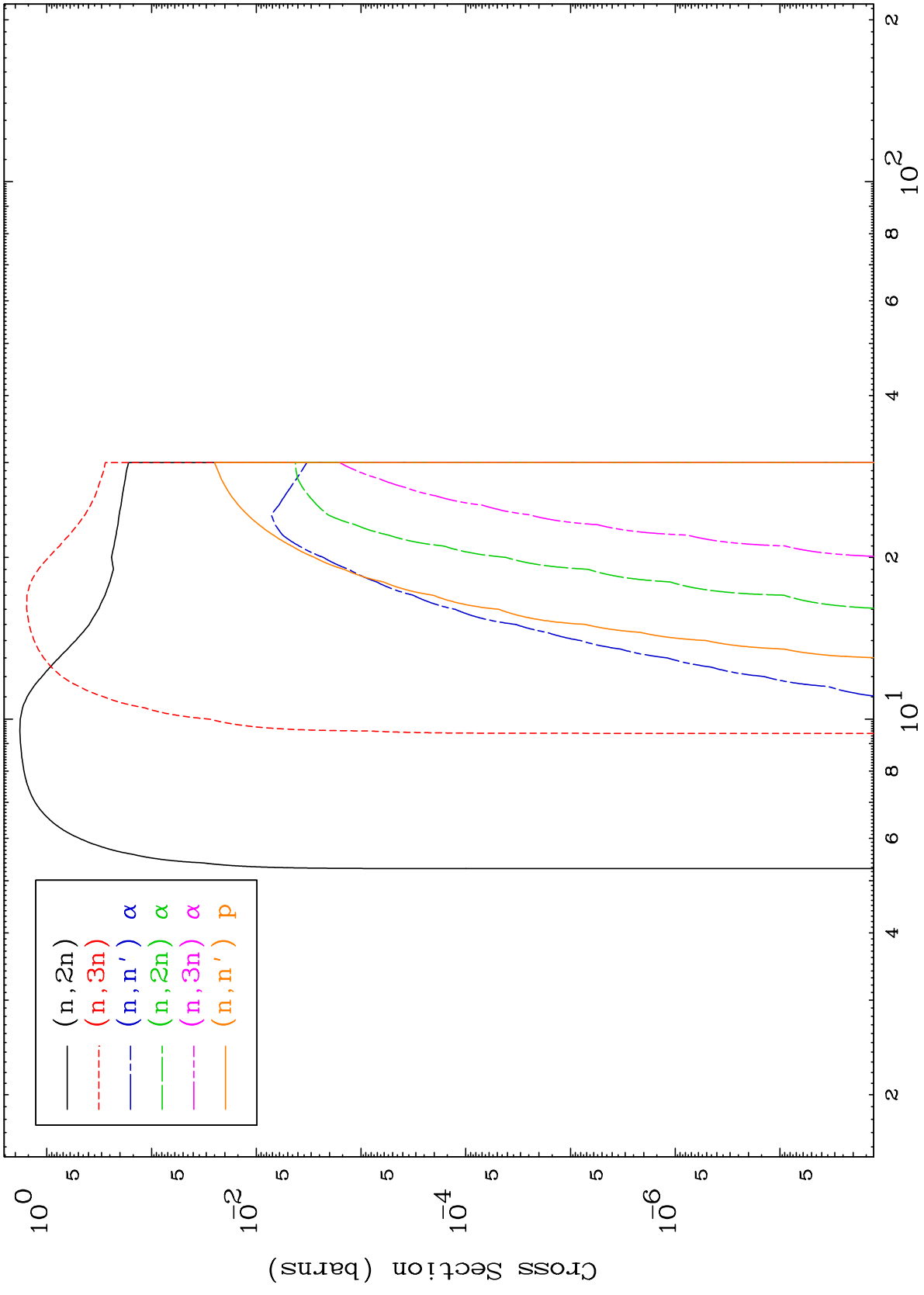
55-Cs-143



MAT 5555

Neutron Production  
293 Kelvin Cross Sections

55-Cs-143



2

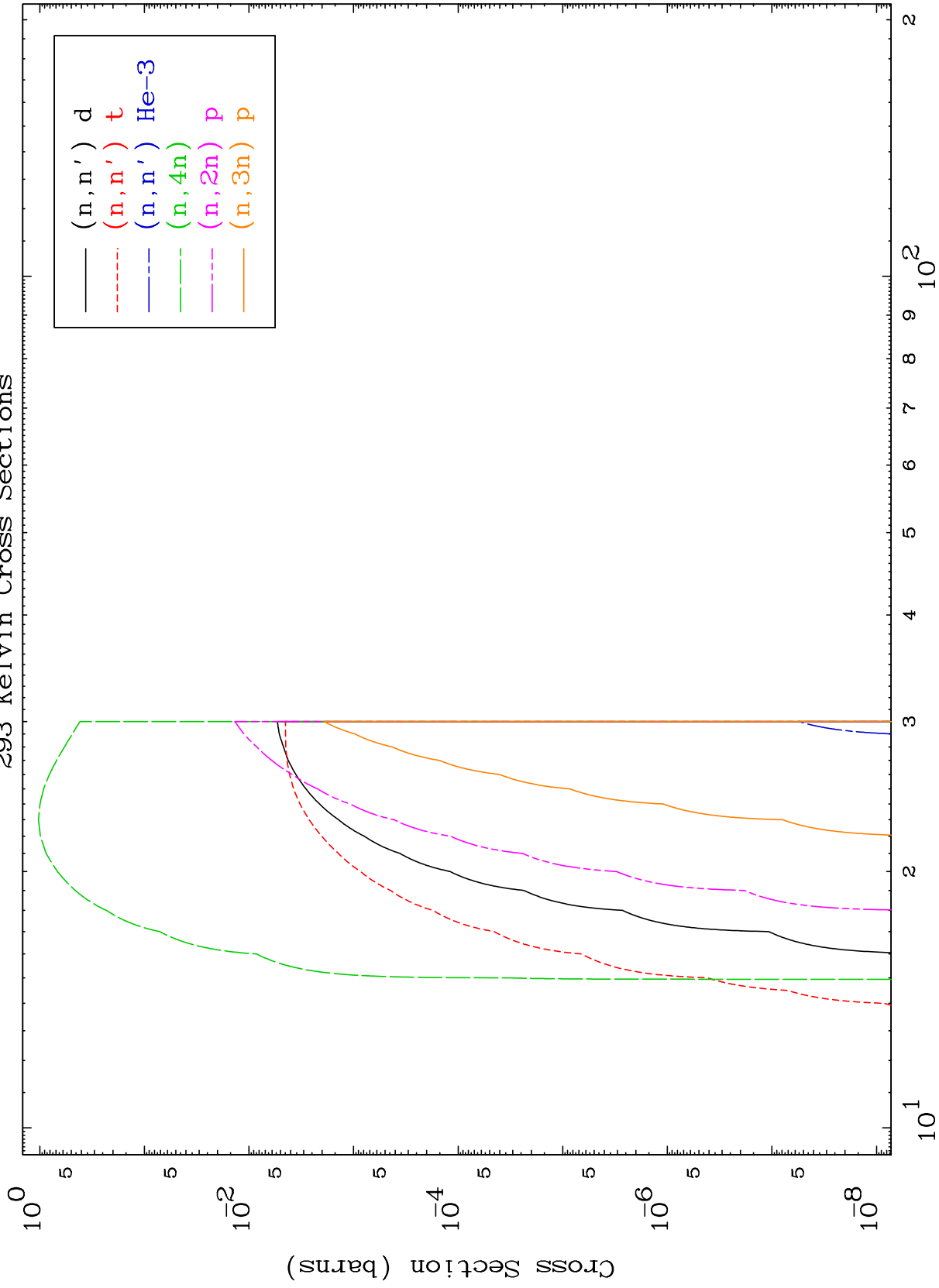
Incident Energy (MeV)

55-Cs-143

MAT 5555

### Neutron Production 293 Kelvin Cross Sections

55-Cs-143



55-Cs-143

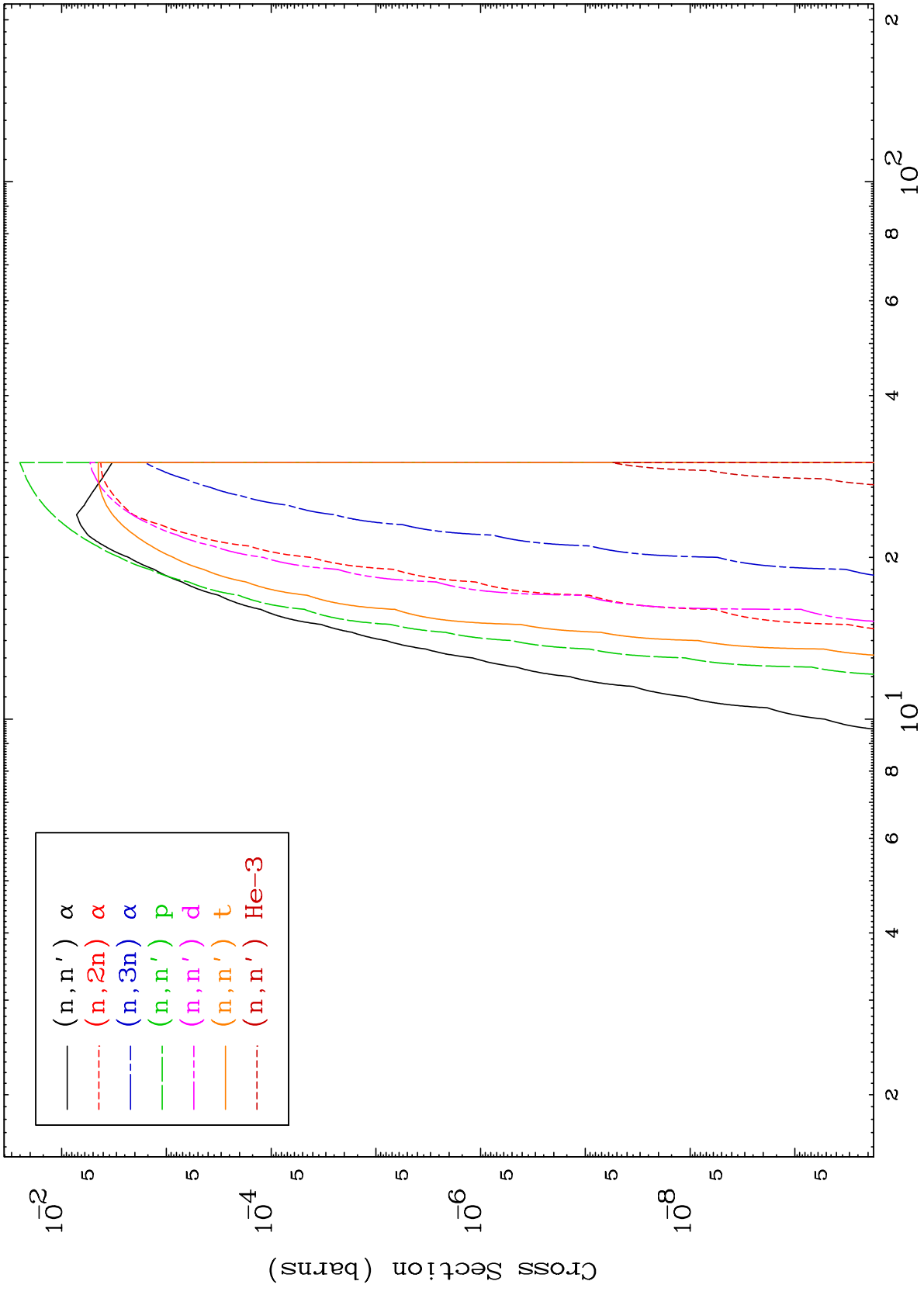
Incident Energy (MeV)

3

MAT 5555

293 Kelvin Cross Sections

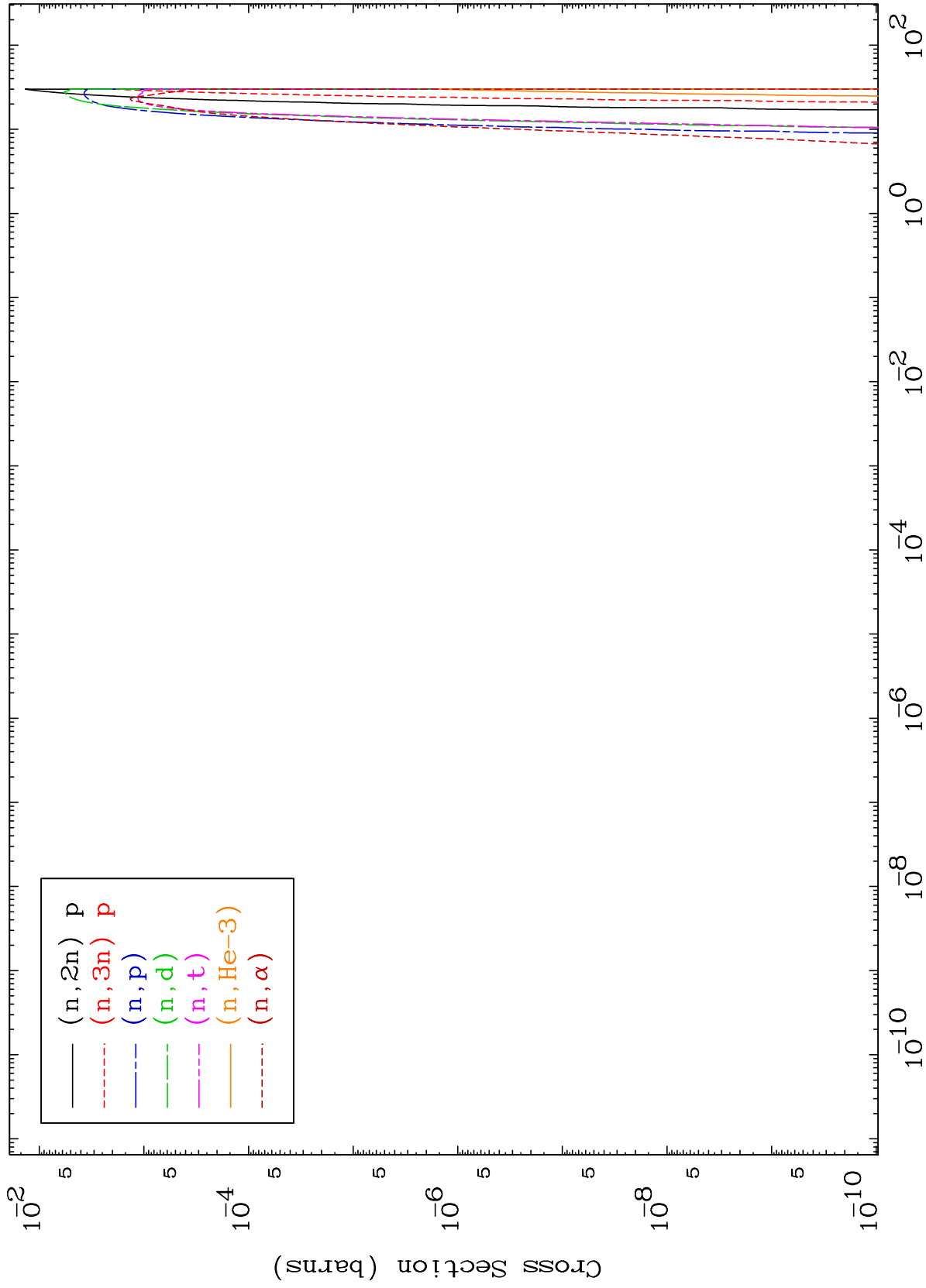
55-Cs-143



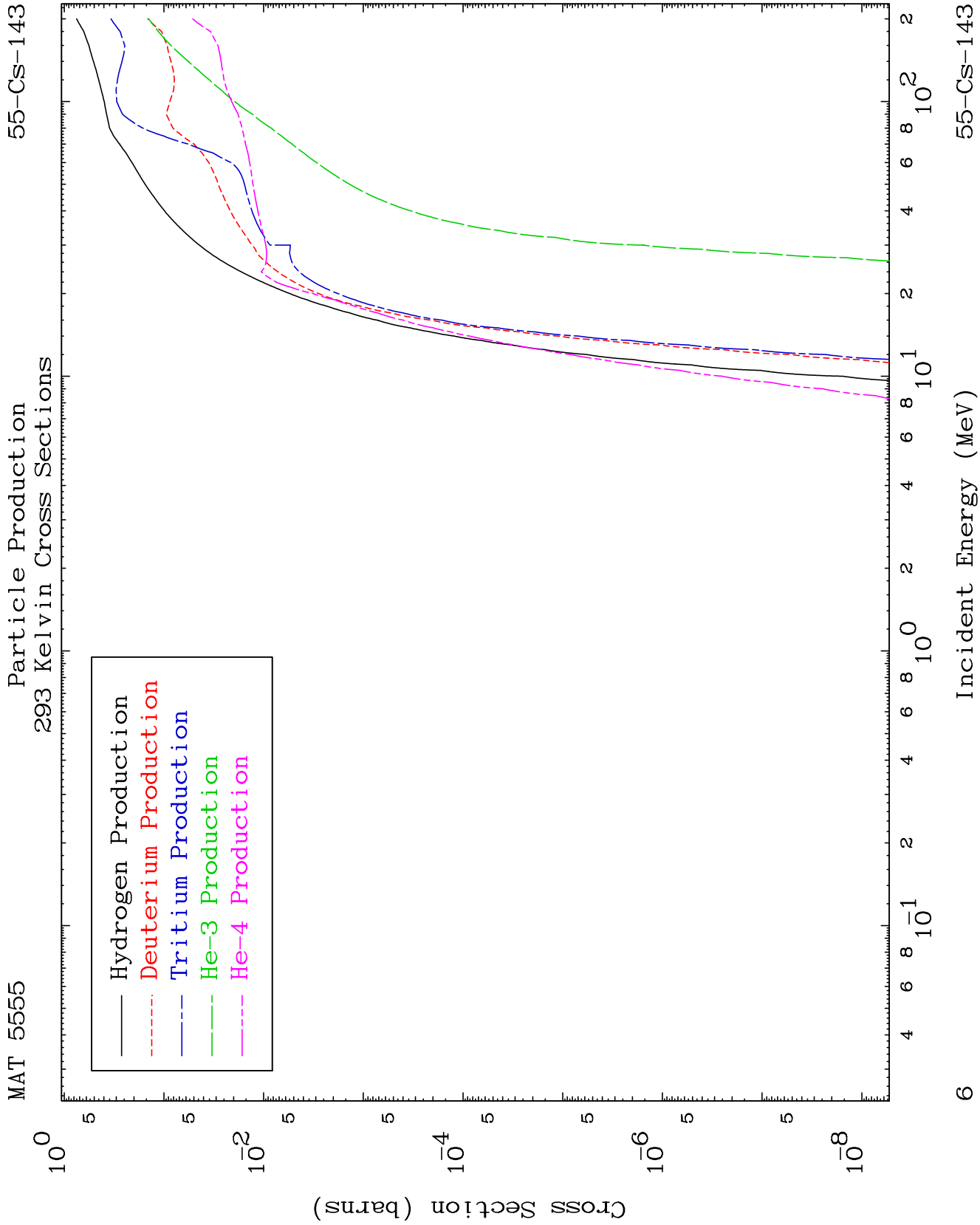
MAT 5555

293 Kelvin Cross Sections

55-Cs-143



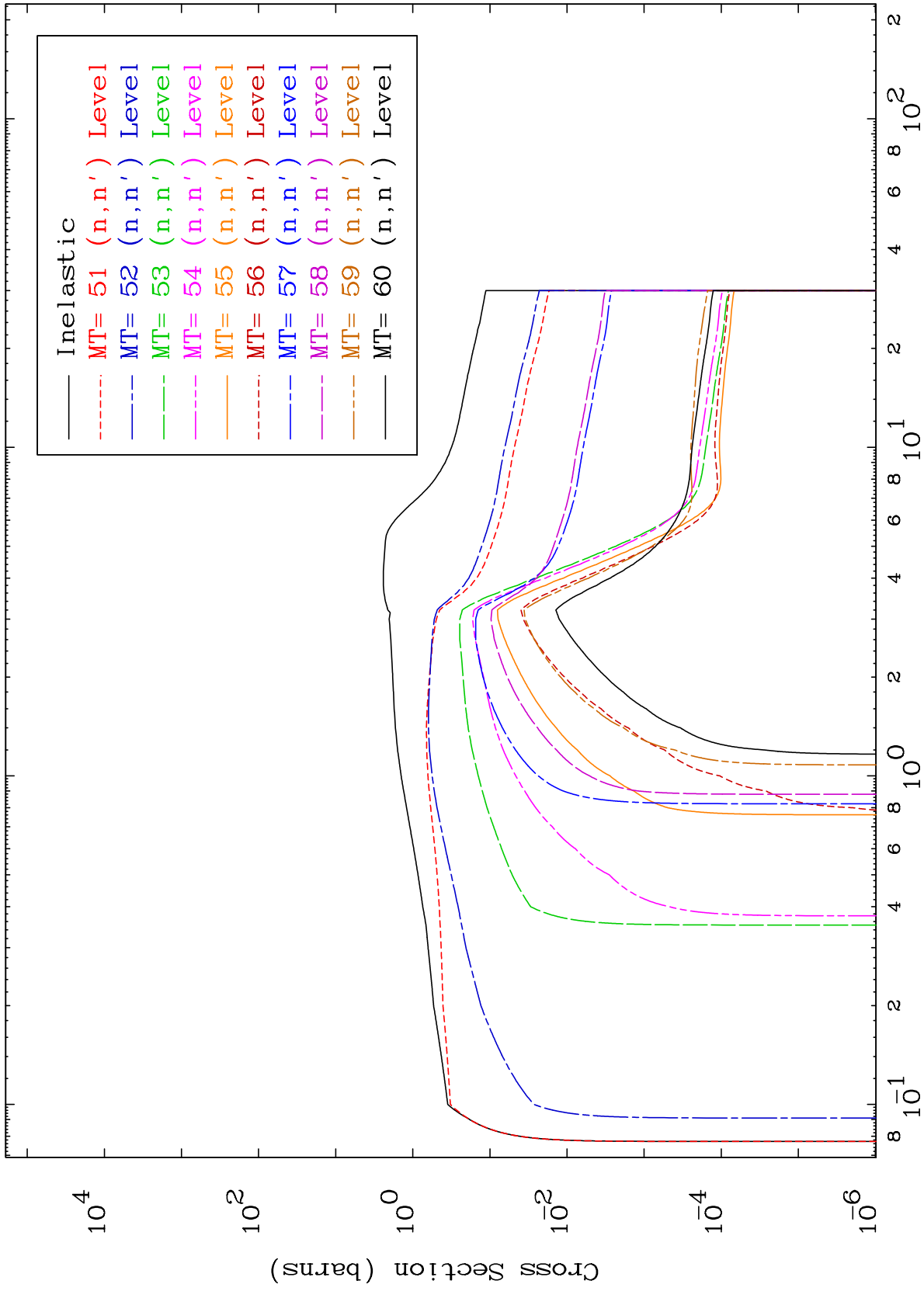
5



MAT 5555

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-143



7

Incident Energy (MeV)

55-Cs-143

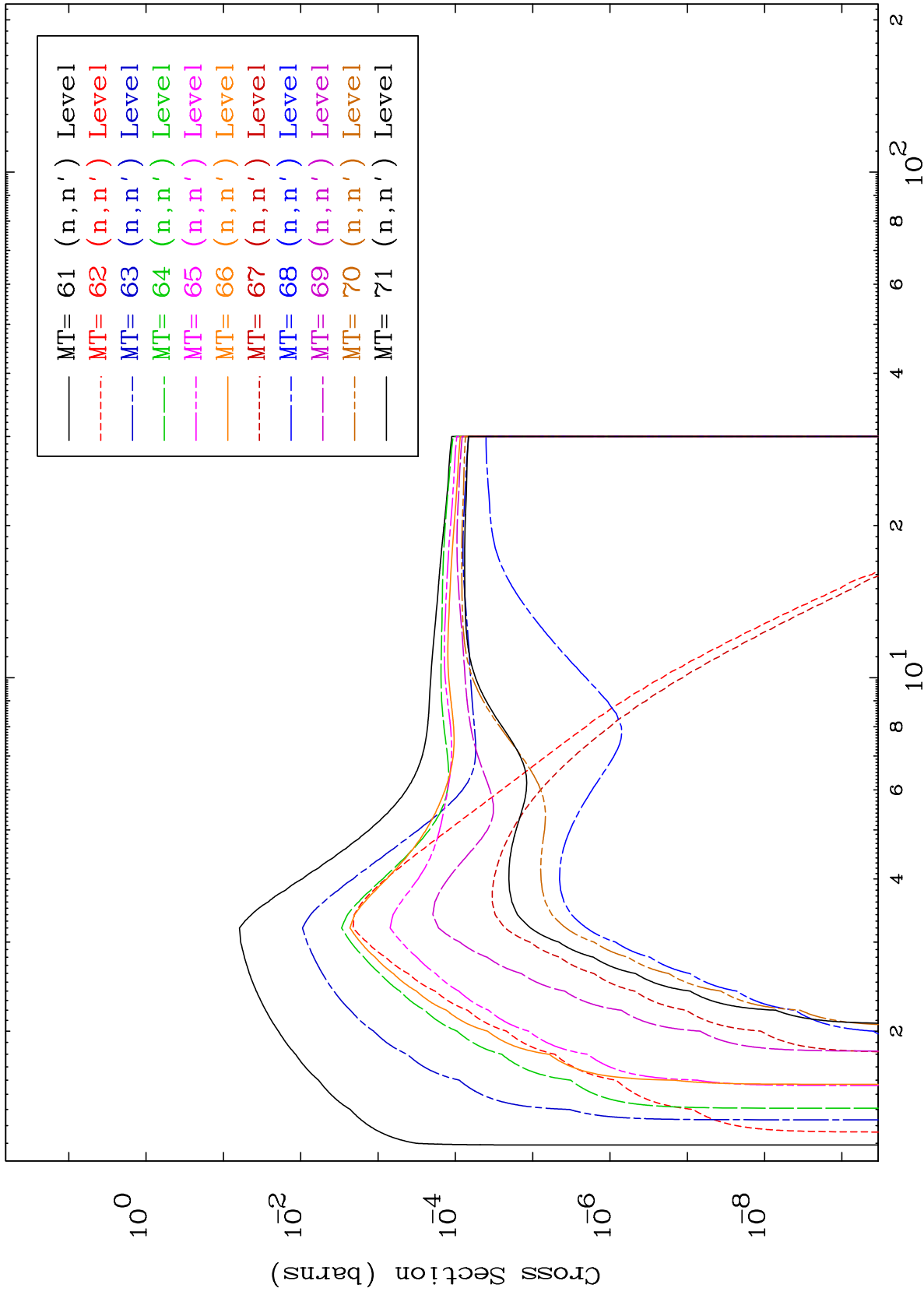


MAT 5555

(n,n') Level

55-Cs-143

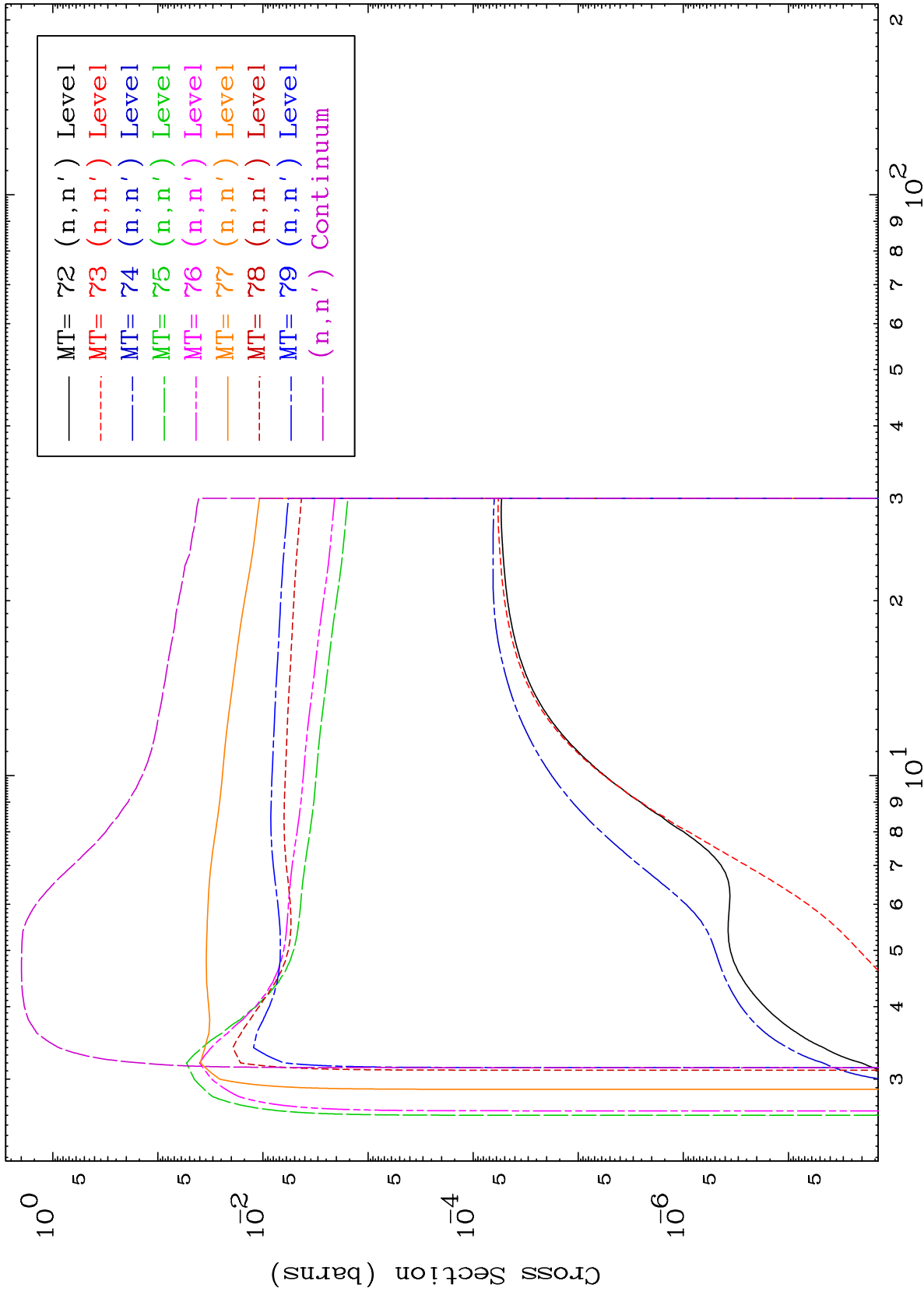
293 Kelvin Cross Sections



8

Incident Energy (MeV)

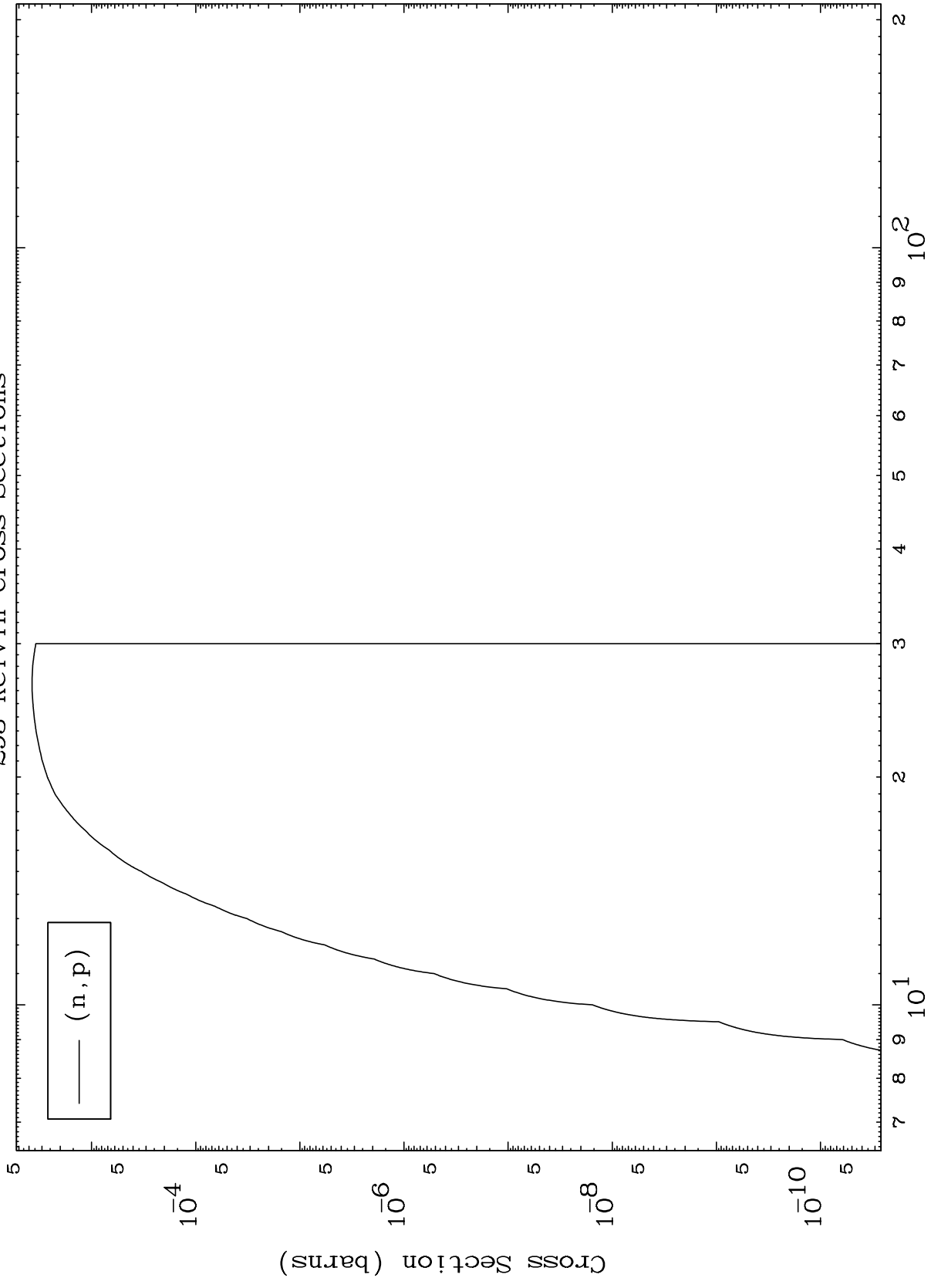
55-Cs-143



MAT 5555

(n,p) Levels  
293 Kelvin Cross Sections

55-Cs-143



10

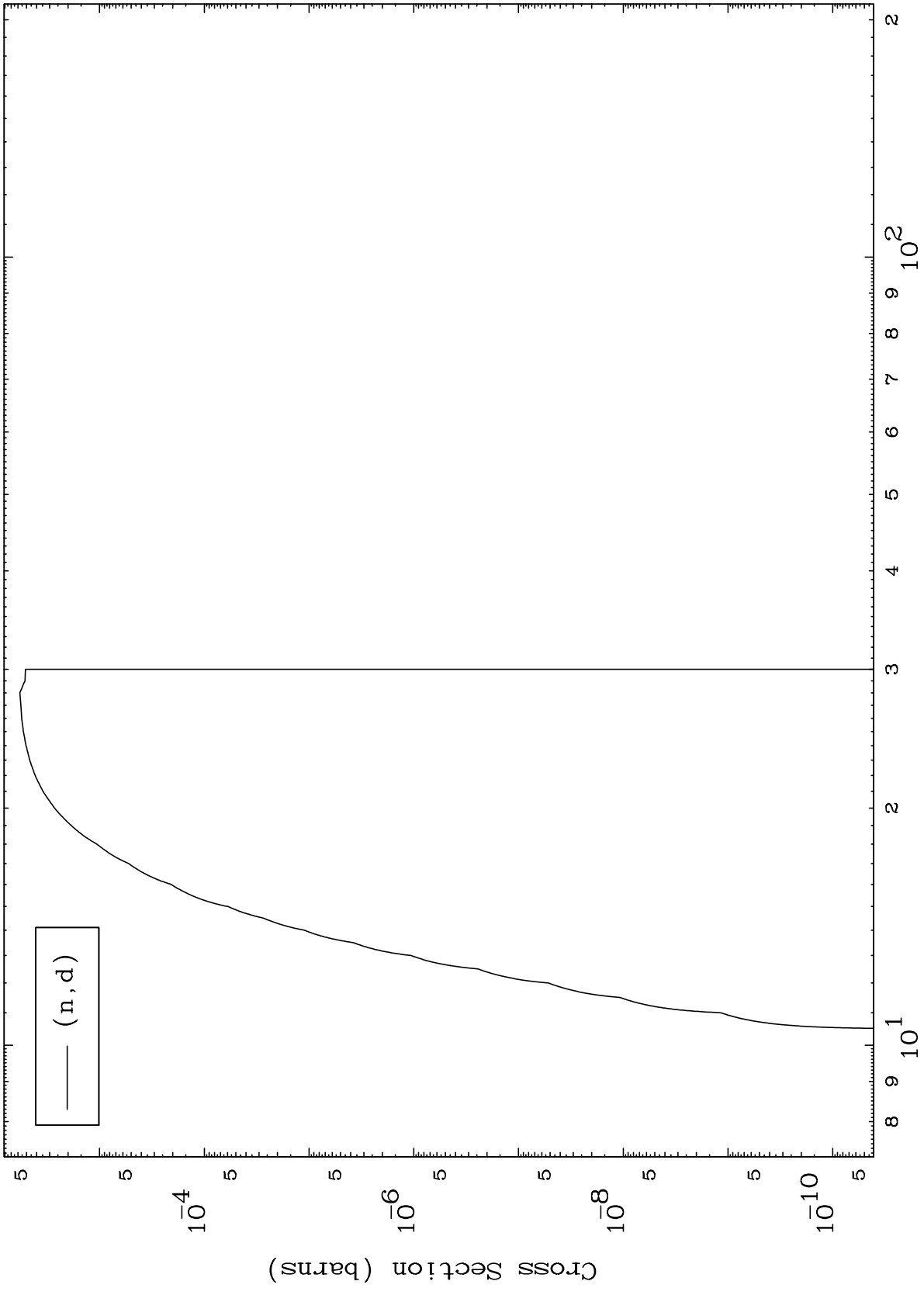
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-143



11

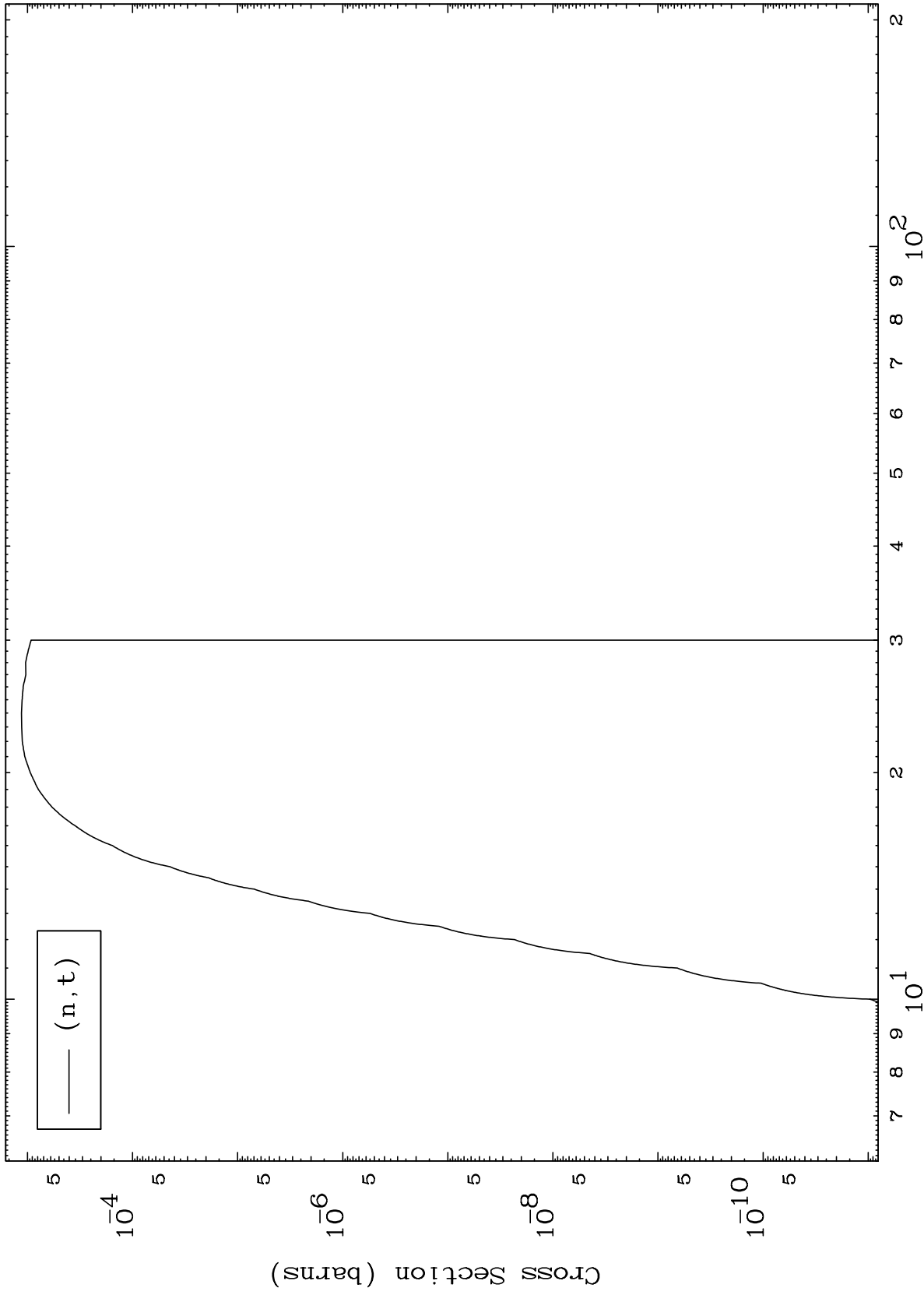
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-143



12

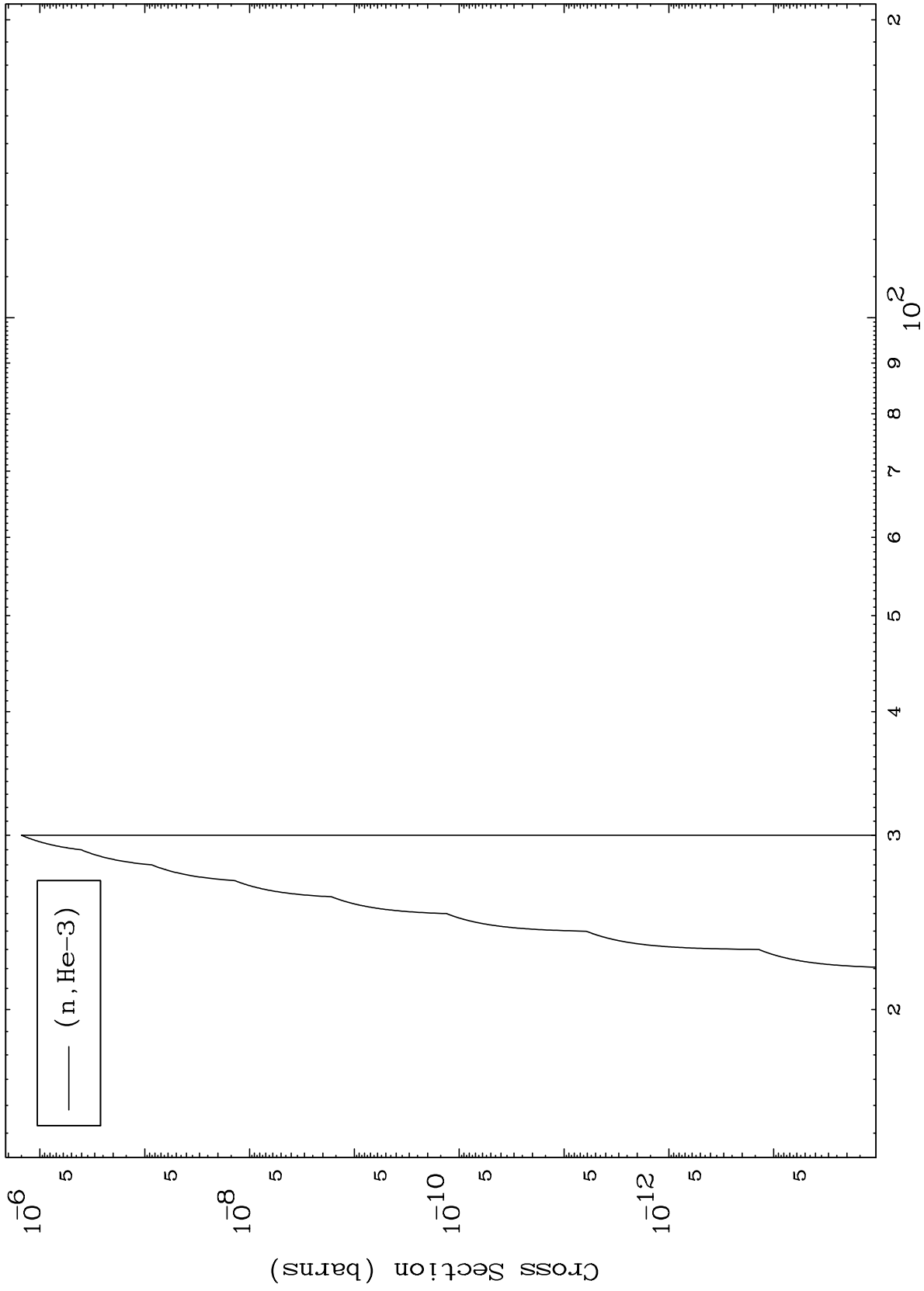
Incident Energy (MeV)

55-Cs-143

MAT 5555

(n,He3) Levels  
293 Kelvin Cross Sections

55-Cs-143



13

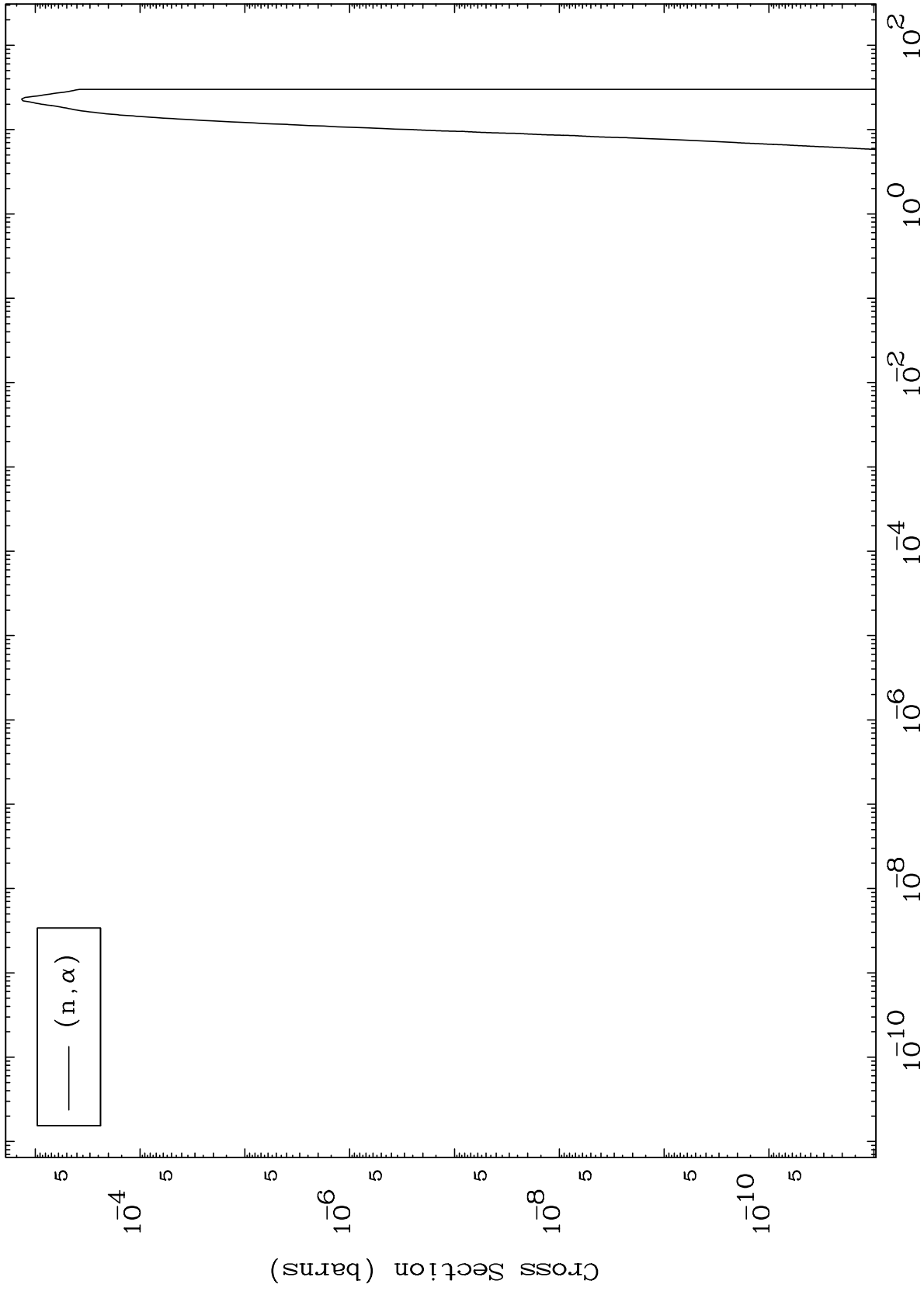
Incident Energy (MeV)

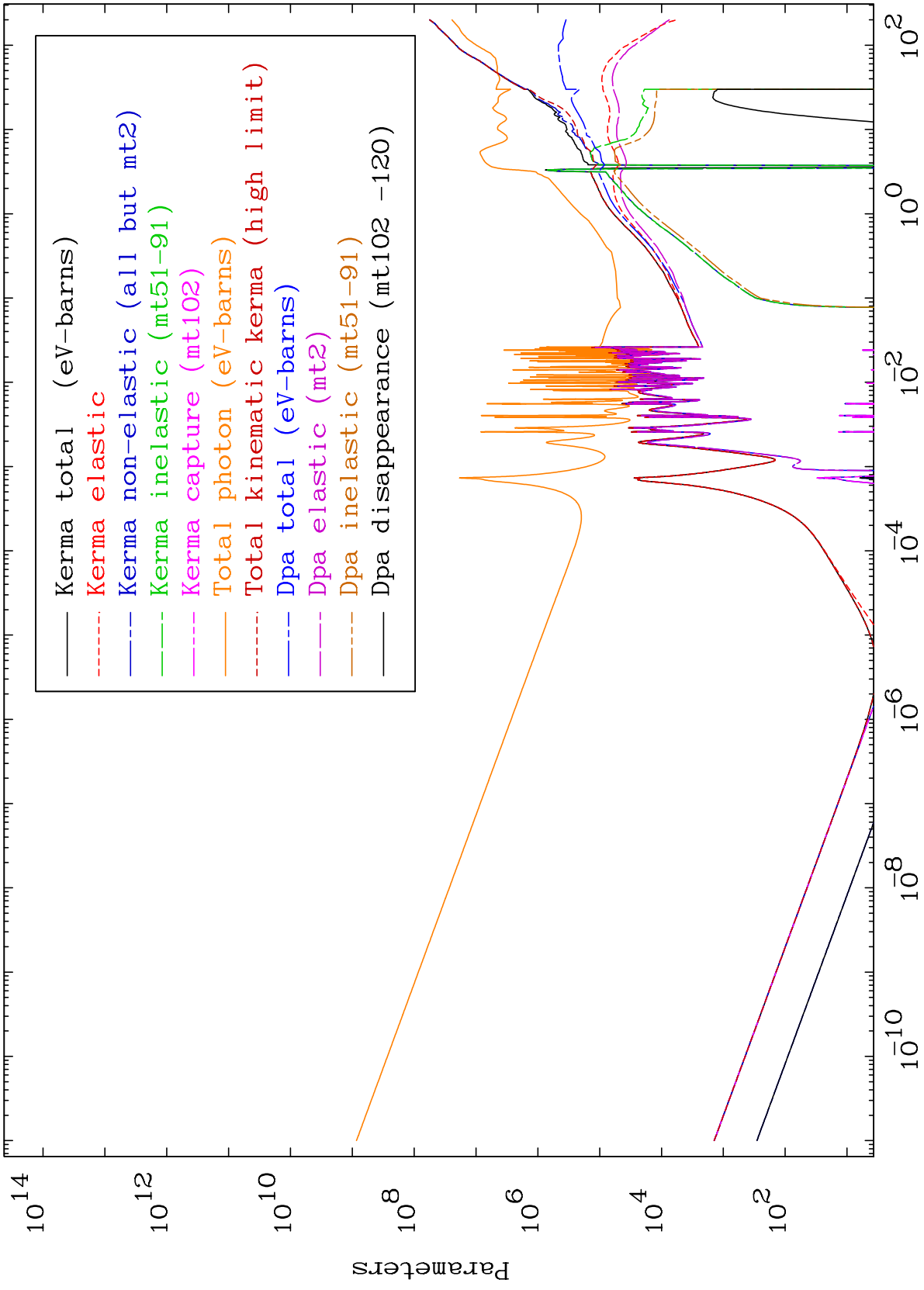
55-Cs-143

MAT 5555

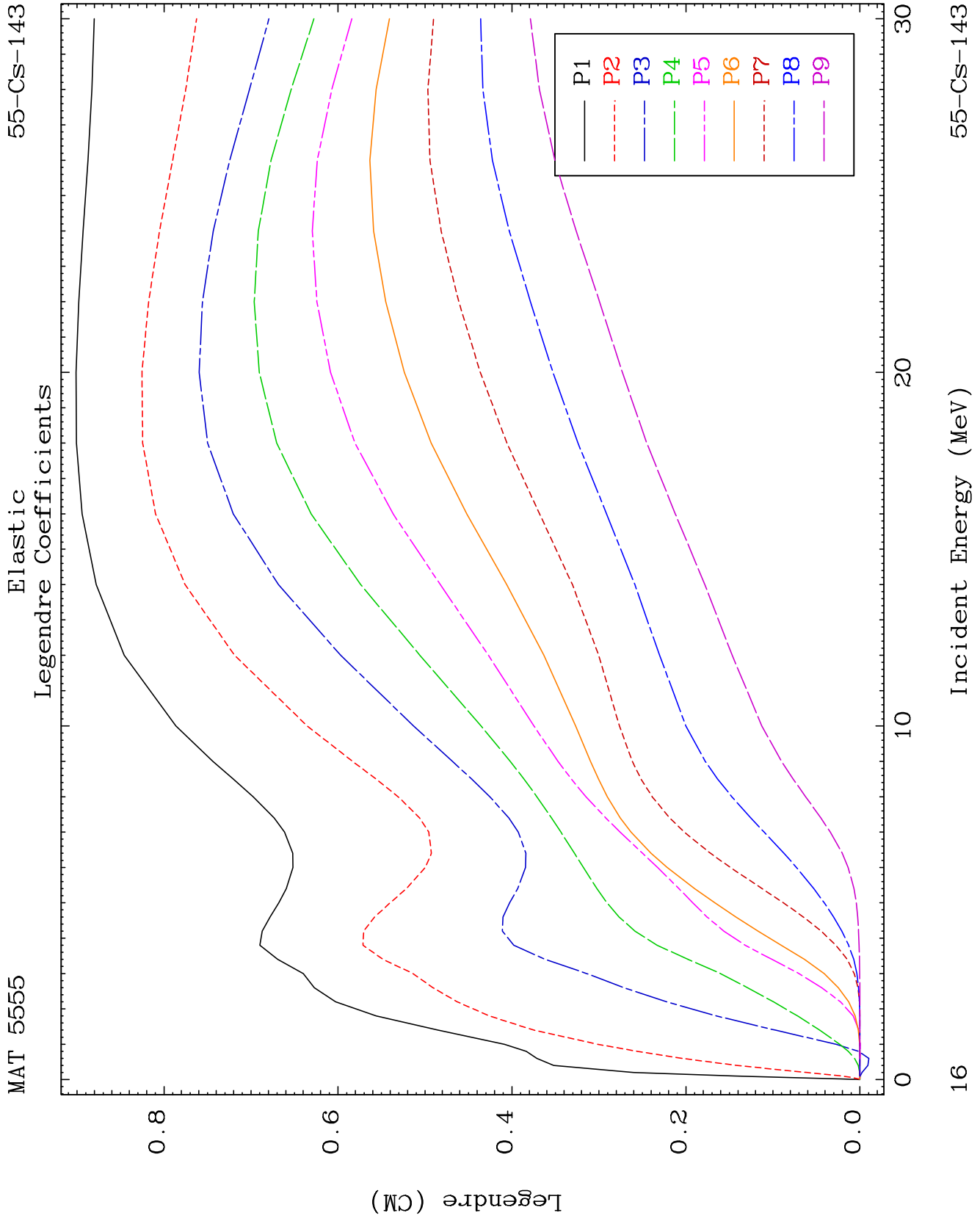
(n,α) Levels  
293 Kelvin Cross Sections

55-Cs-143





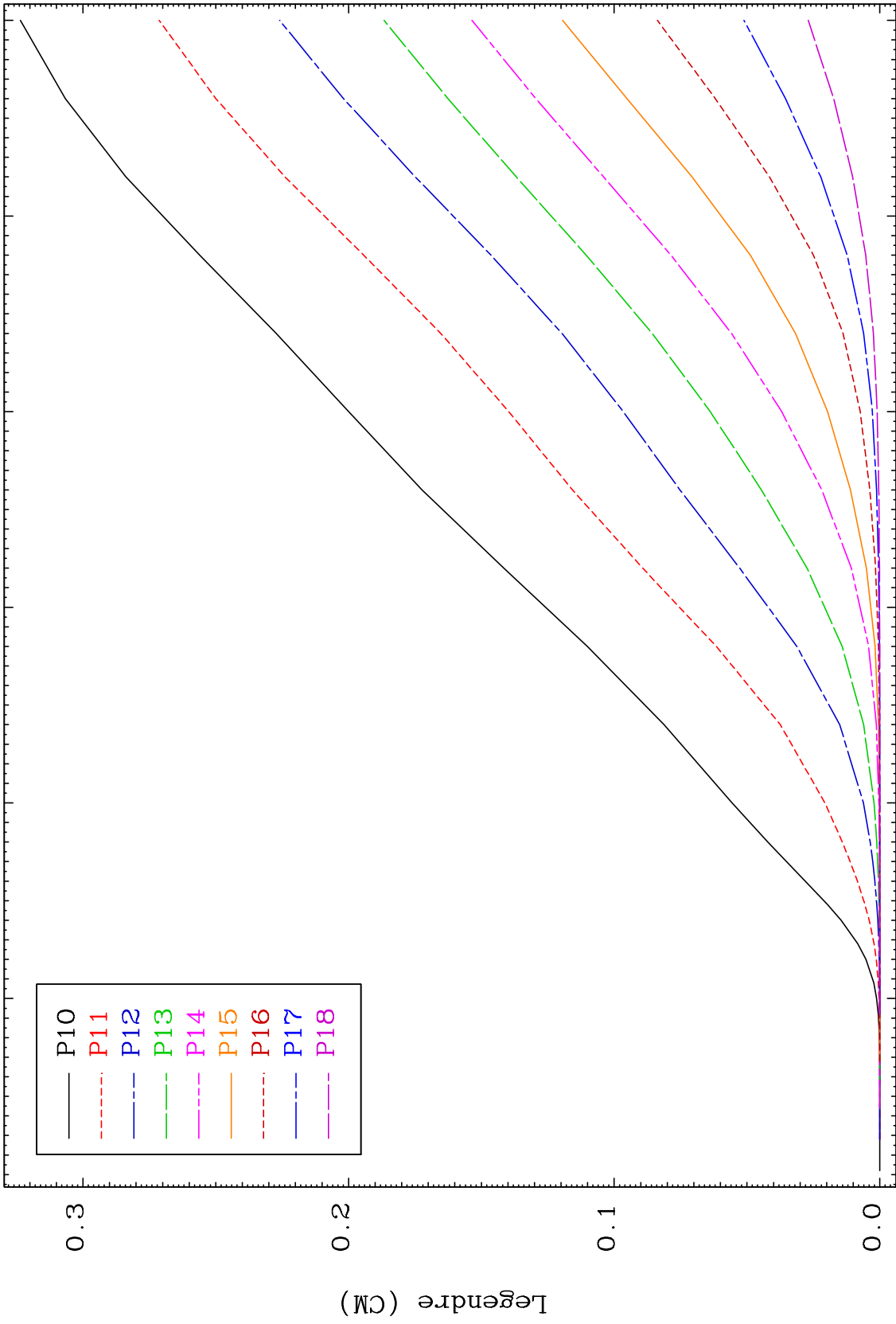




MAT 5555

Elastic Legendre Coefficients

55-Cs-143



17

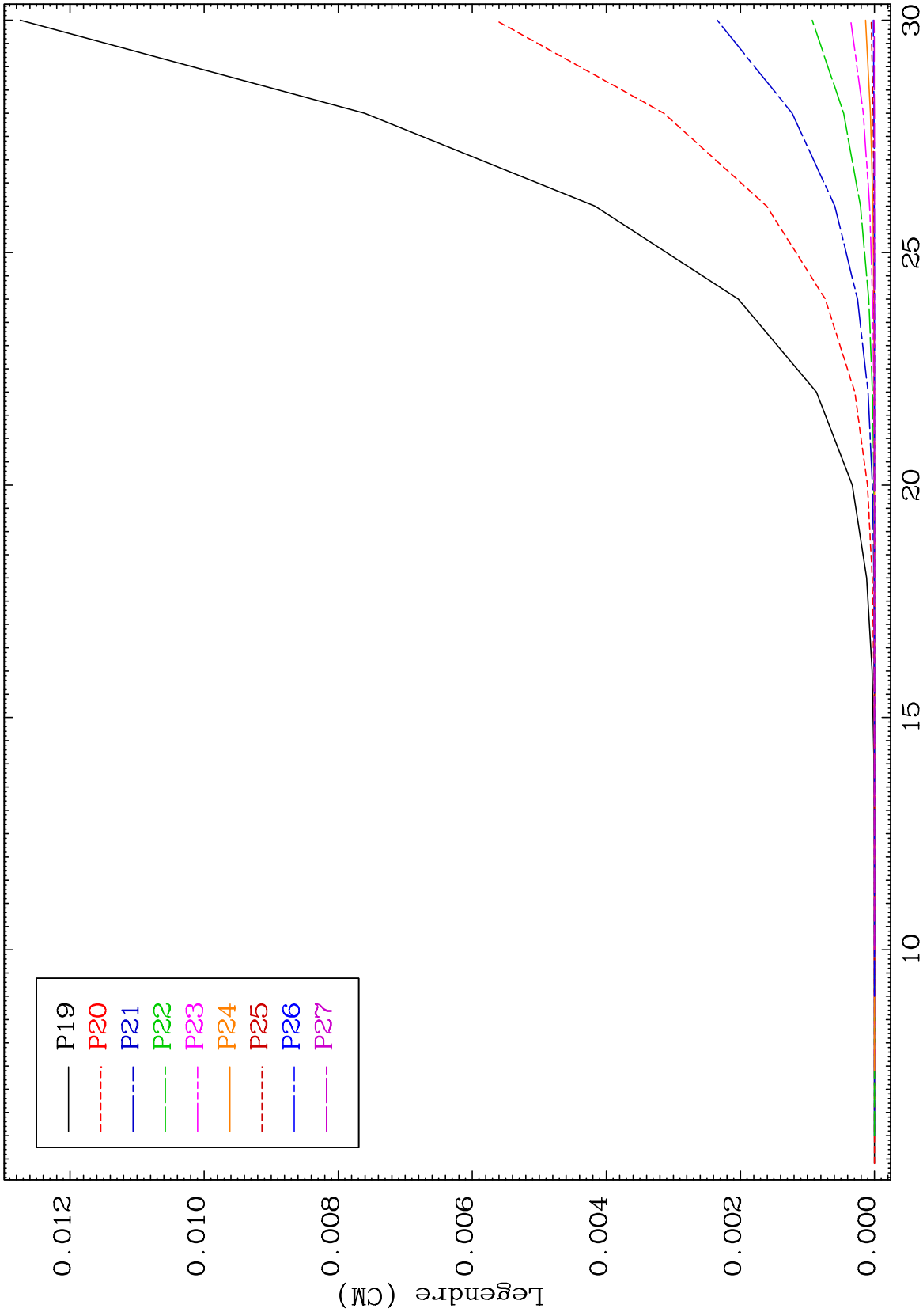
Incident Energy (MeV)

55-Cs-143

MAT 5555

### Elastic Legendre Coefficients

55-Cs-143



18

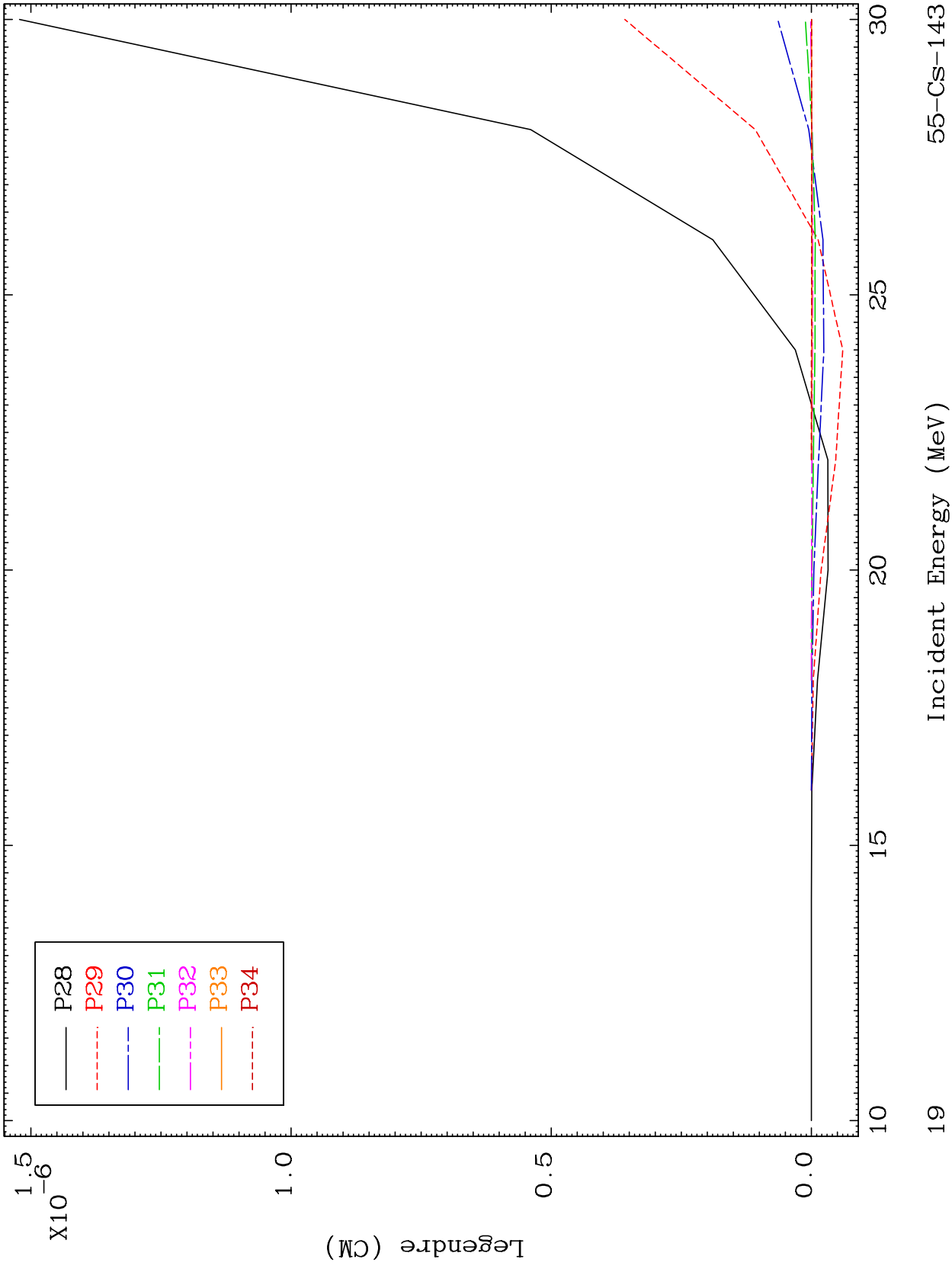
Incident Energy (MeV)

55-Cs-143

MAT 5555

Elastic Legendre Coefficients

55-Cs-143



19

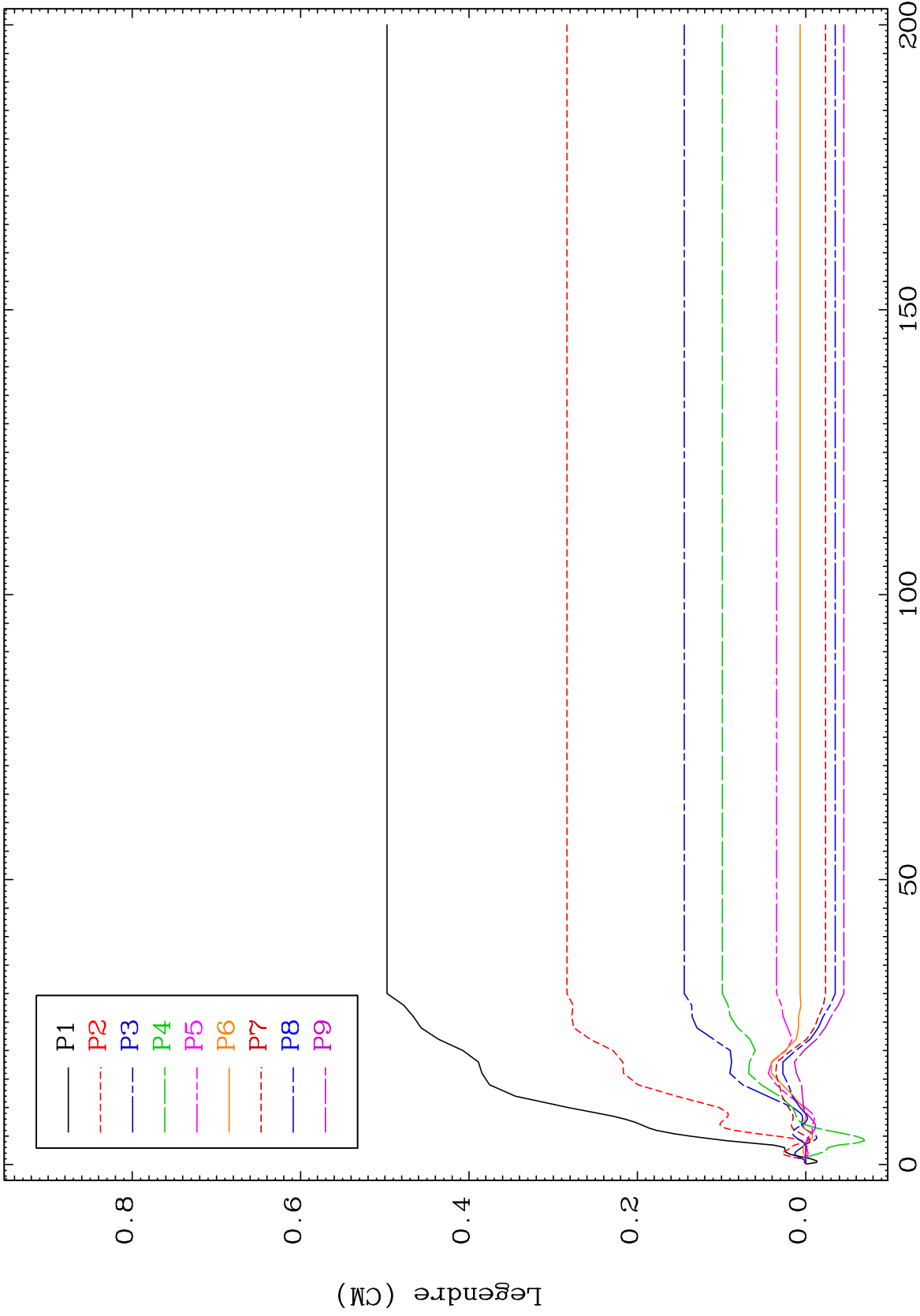
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

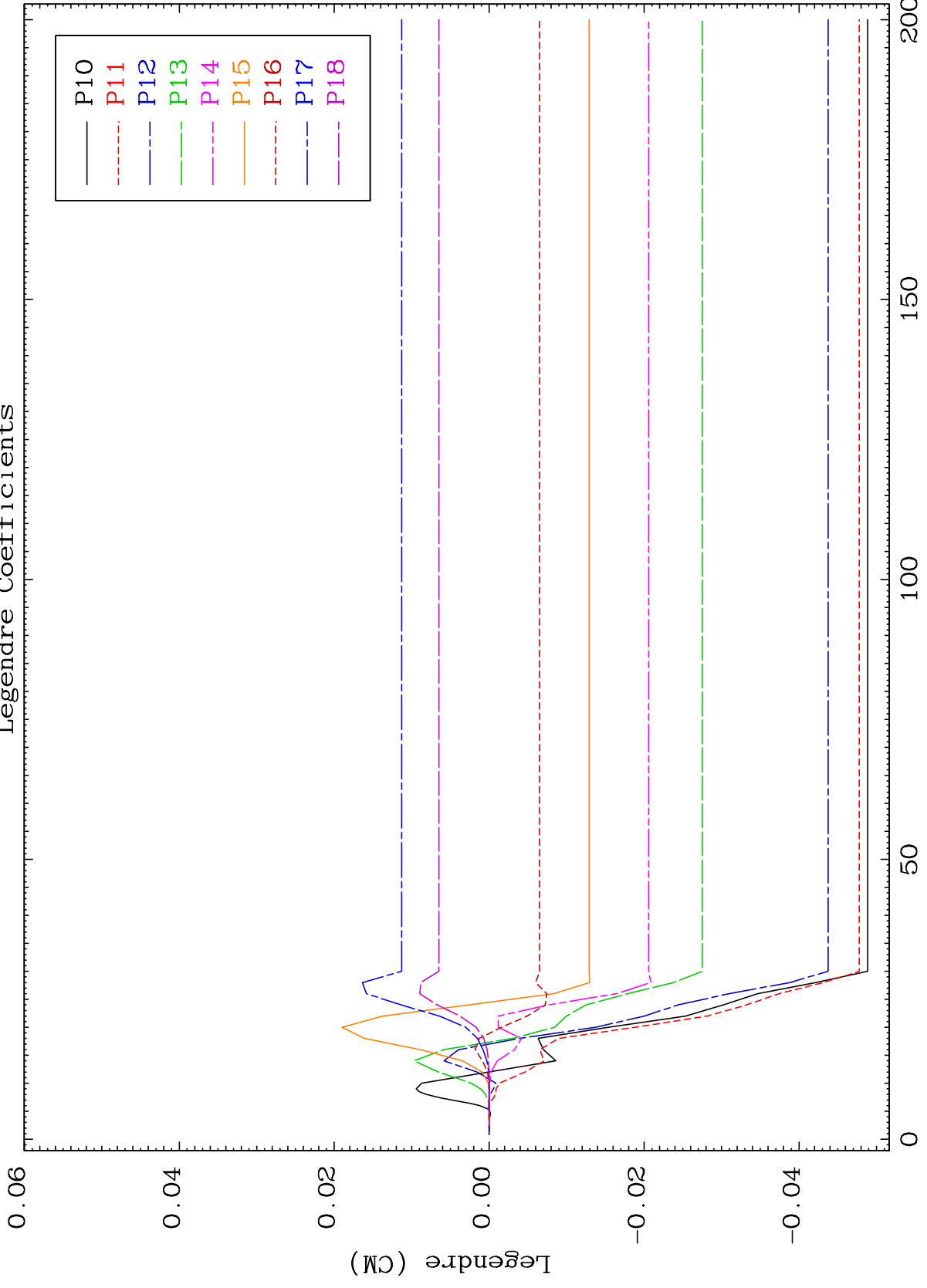
55-Cs-143



55-Cs-143

Incident Energy (MeV)

MAT 5555 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-143

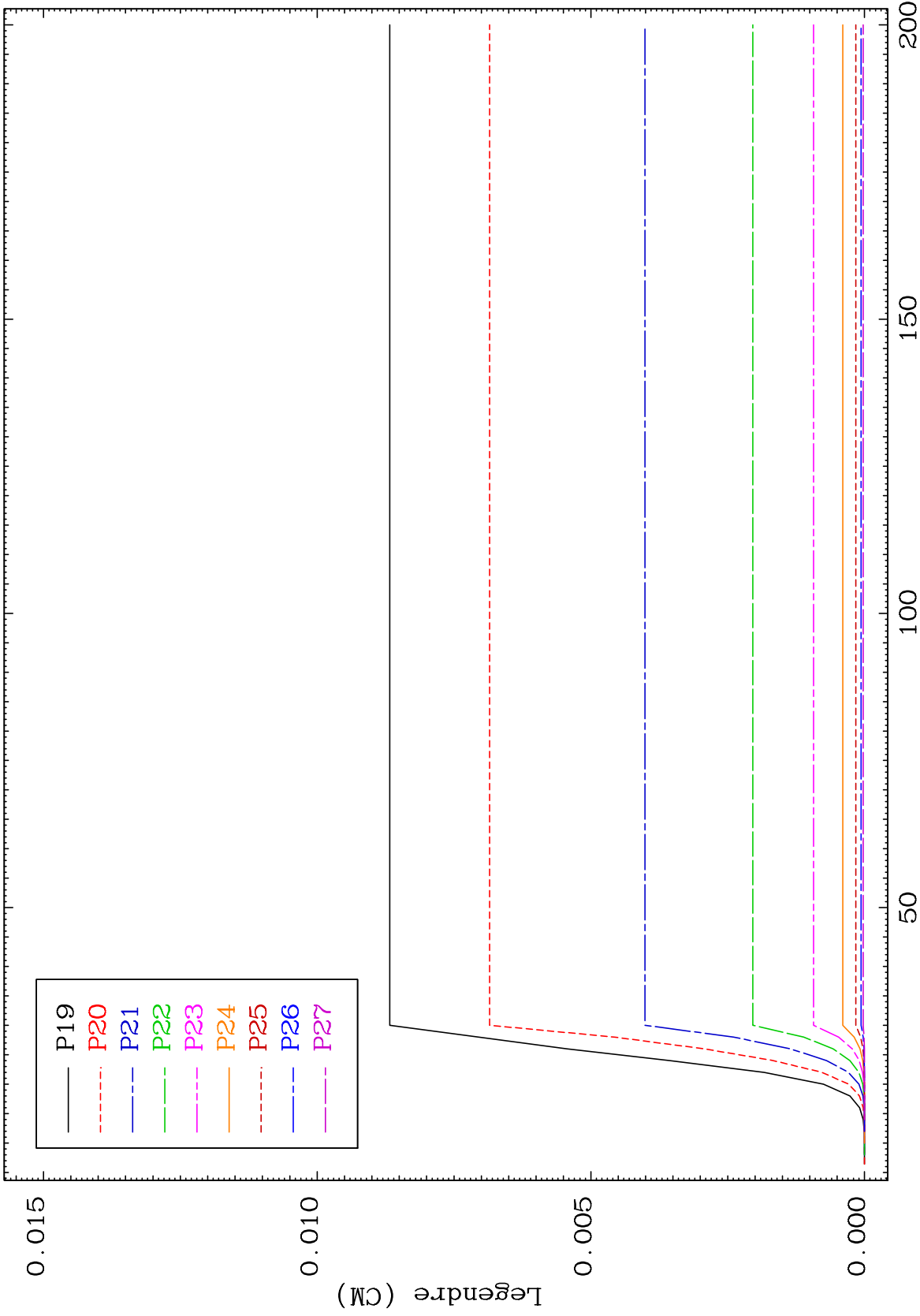


21 55-Cs-143

MAT 5555

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

55-Cs-143



22

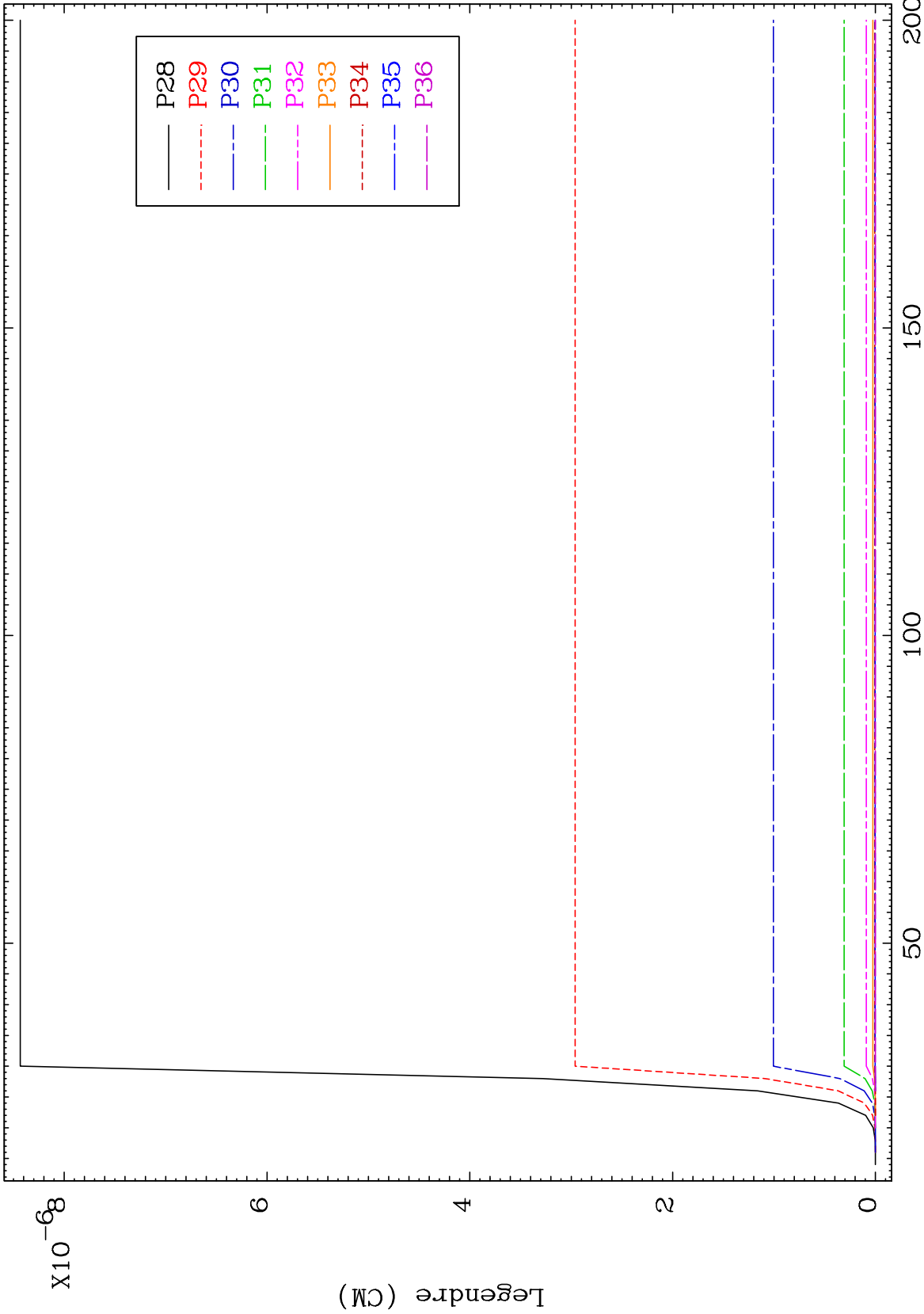
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



23

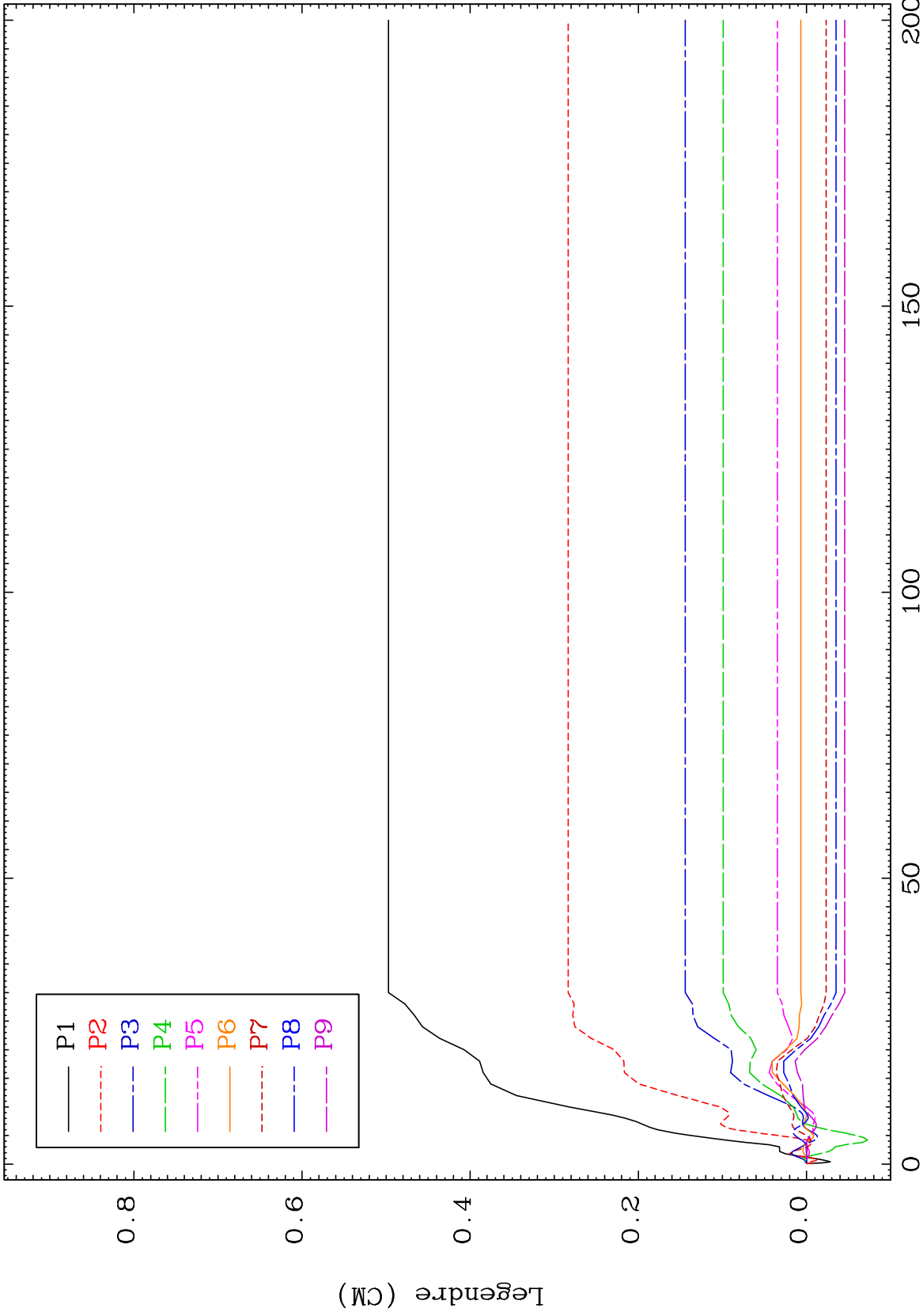
55-Cs-143



MAT 5555

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

55-Cs-143

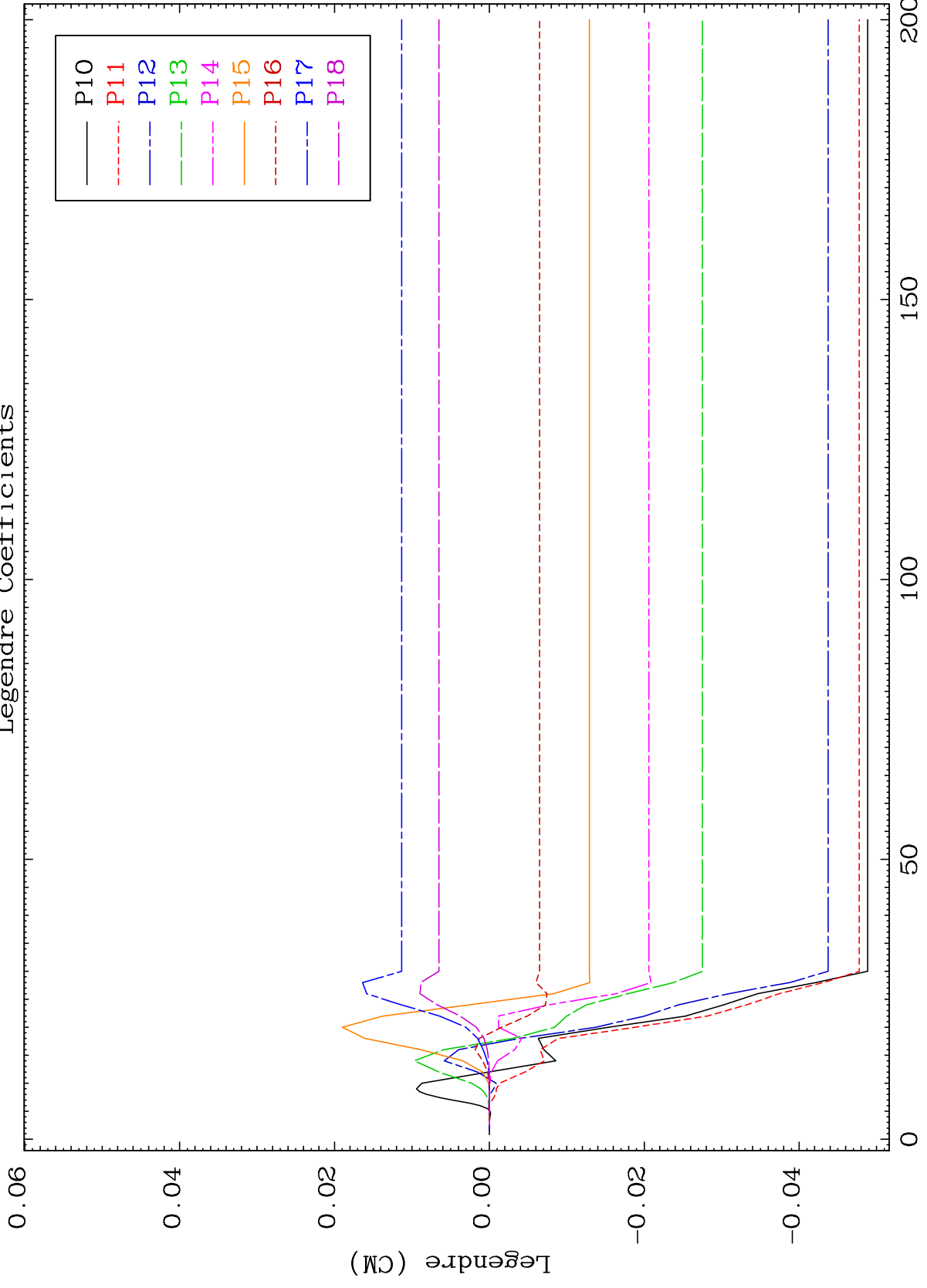


24

Incident Energy (MeV)

55-Cs-143

MAT 5555 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-143

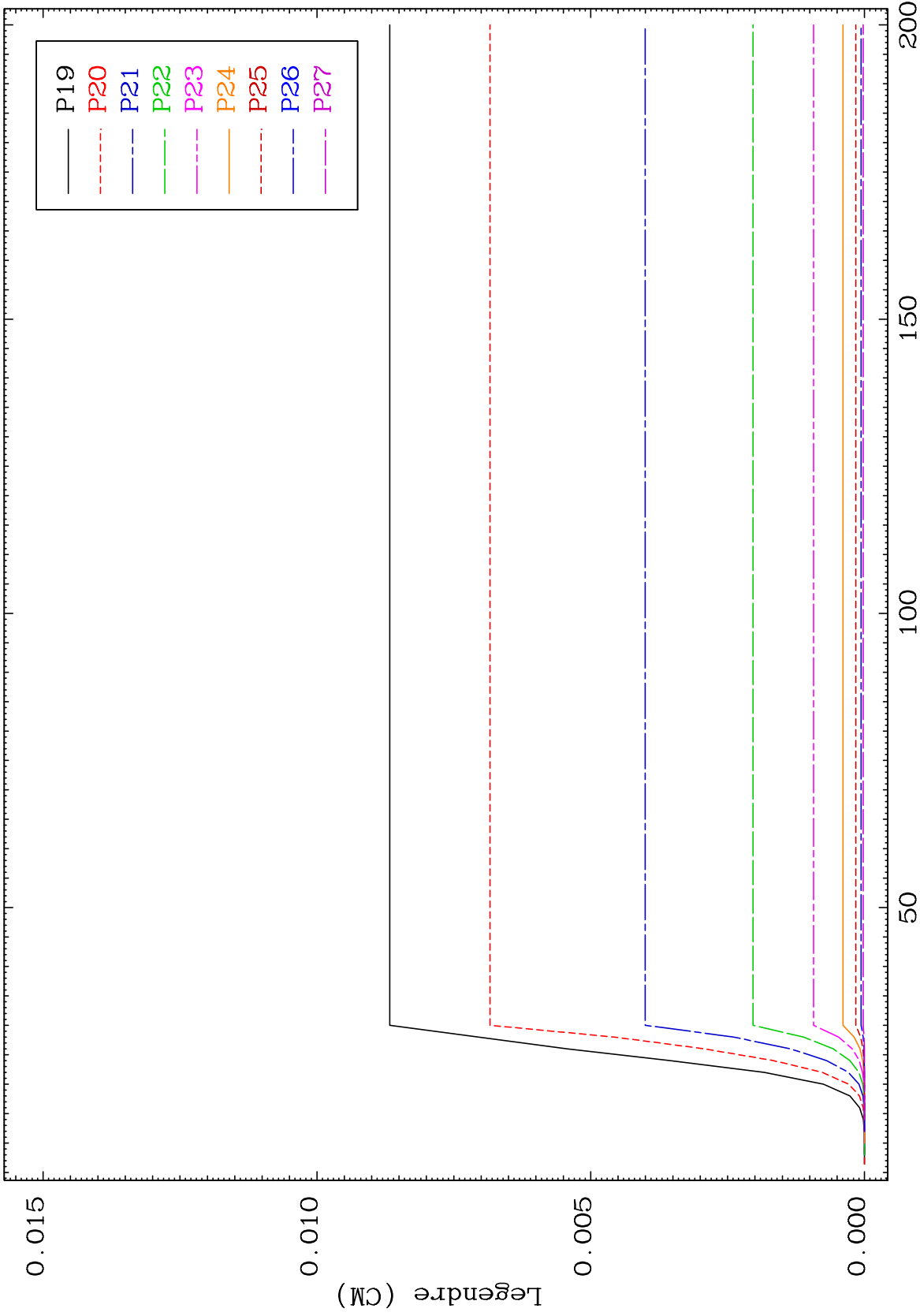


25 50 100 150 200 Incident Energy (MeV) 55-Cs-143

MAT 5555

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

55-Cs-143



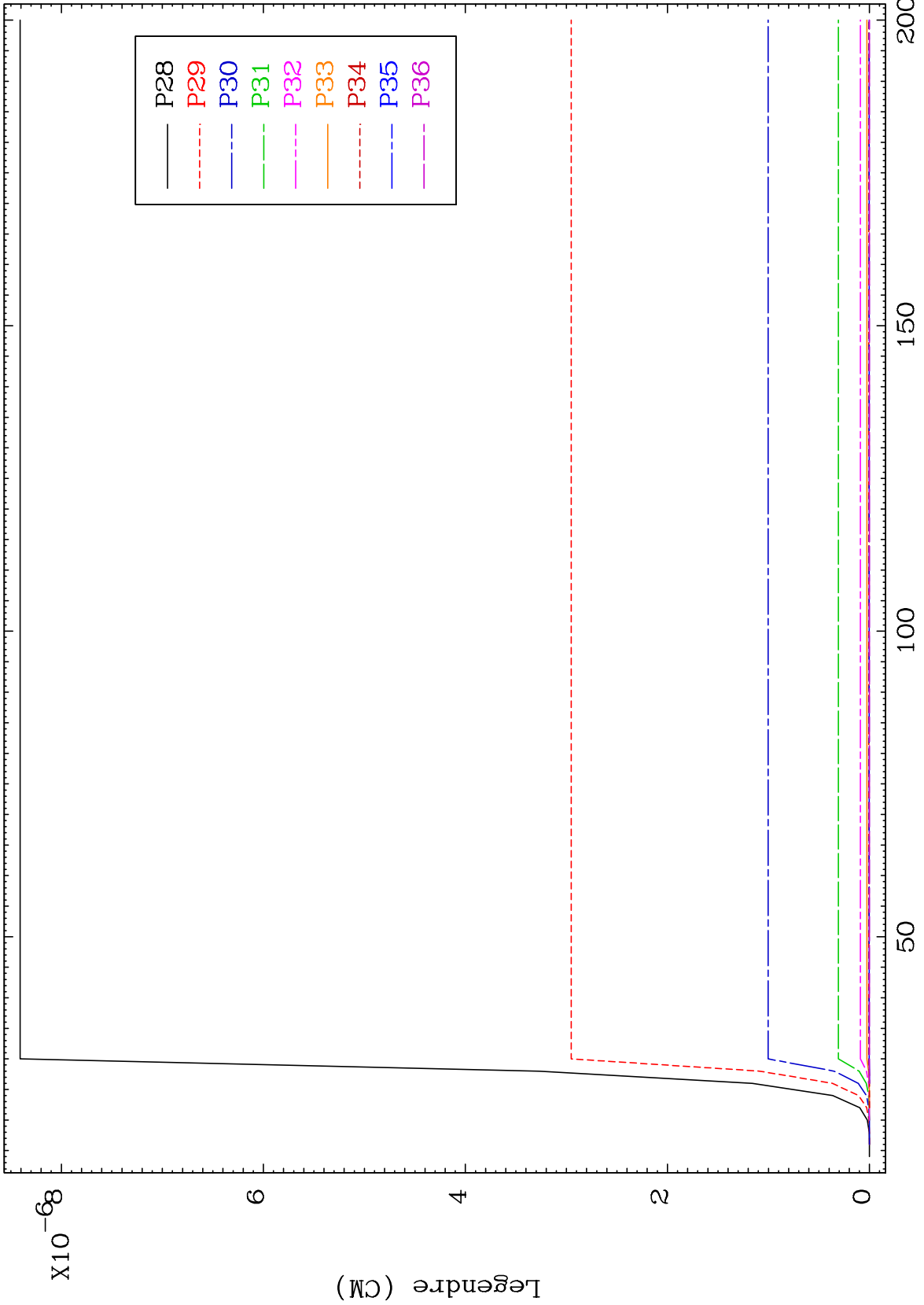
26

55-Cs-143

MAT 5555

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

55-Cs-143



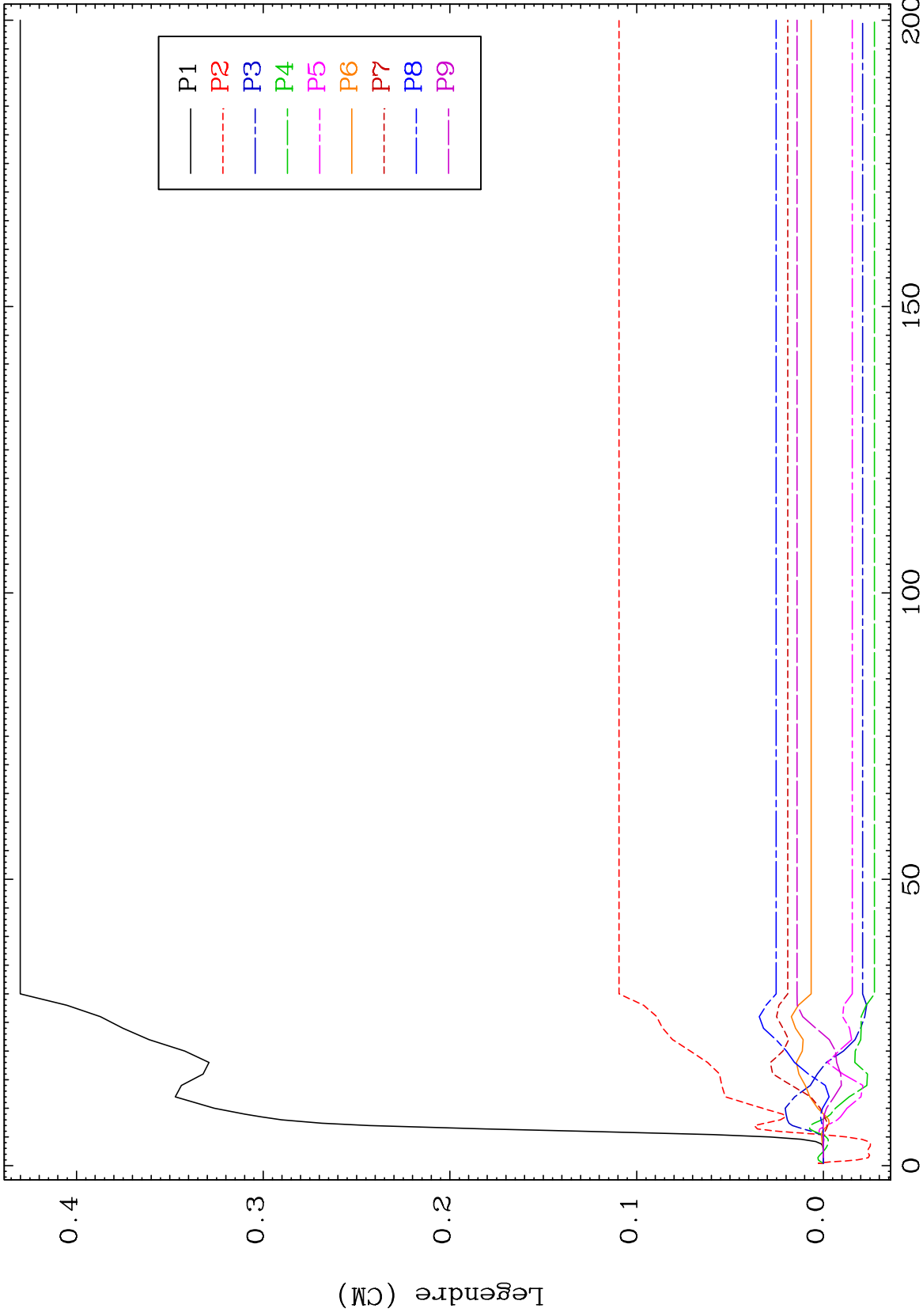
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55-Cs-143

MAT 5555

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

55-Cs-143



28

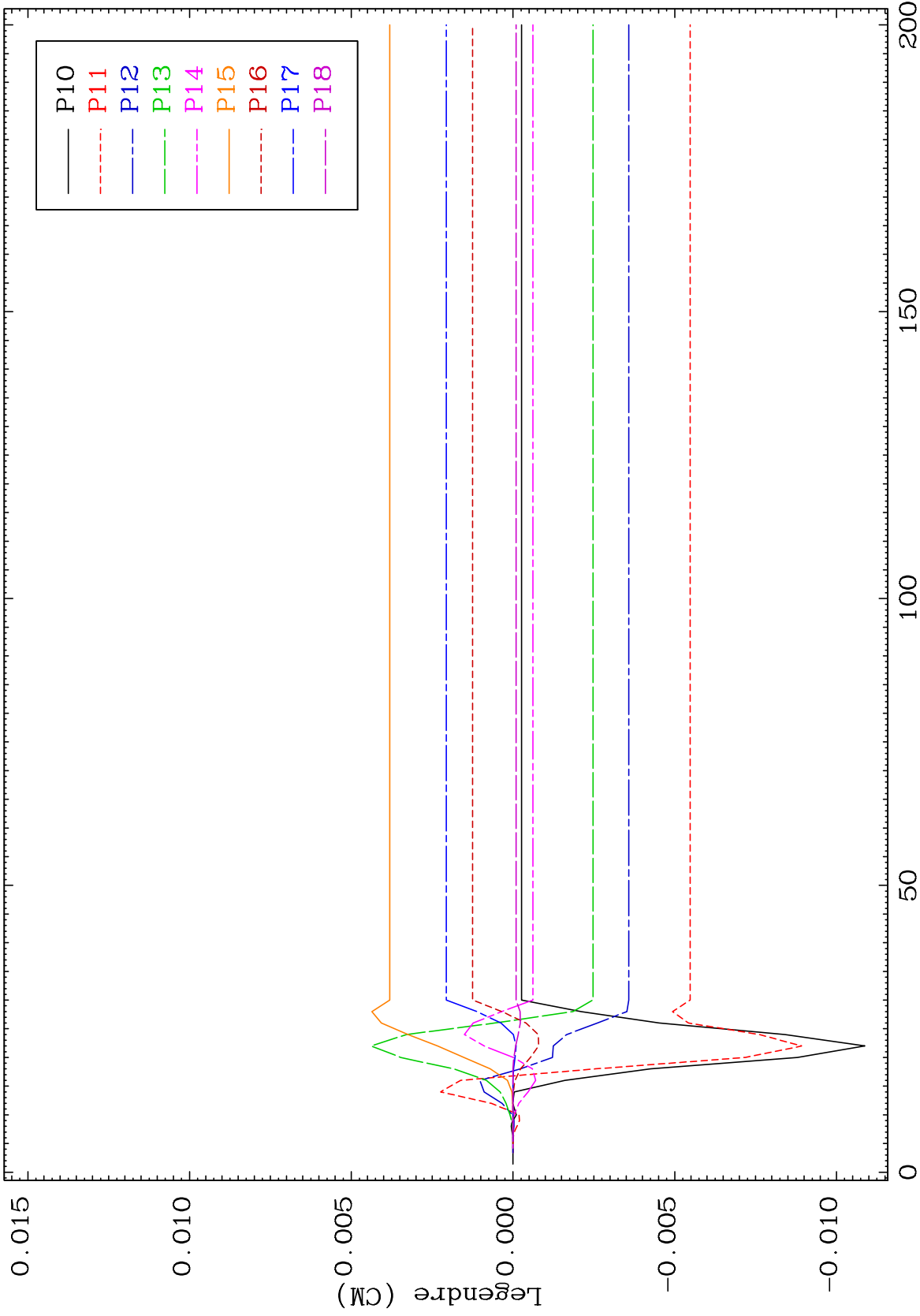
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143

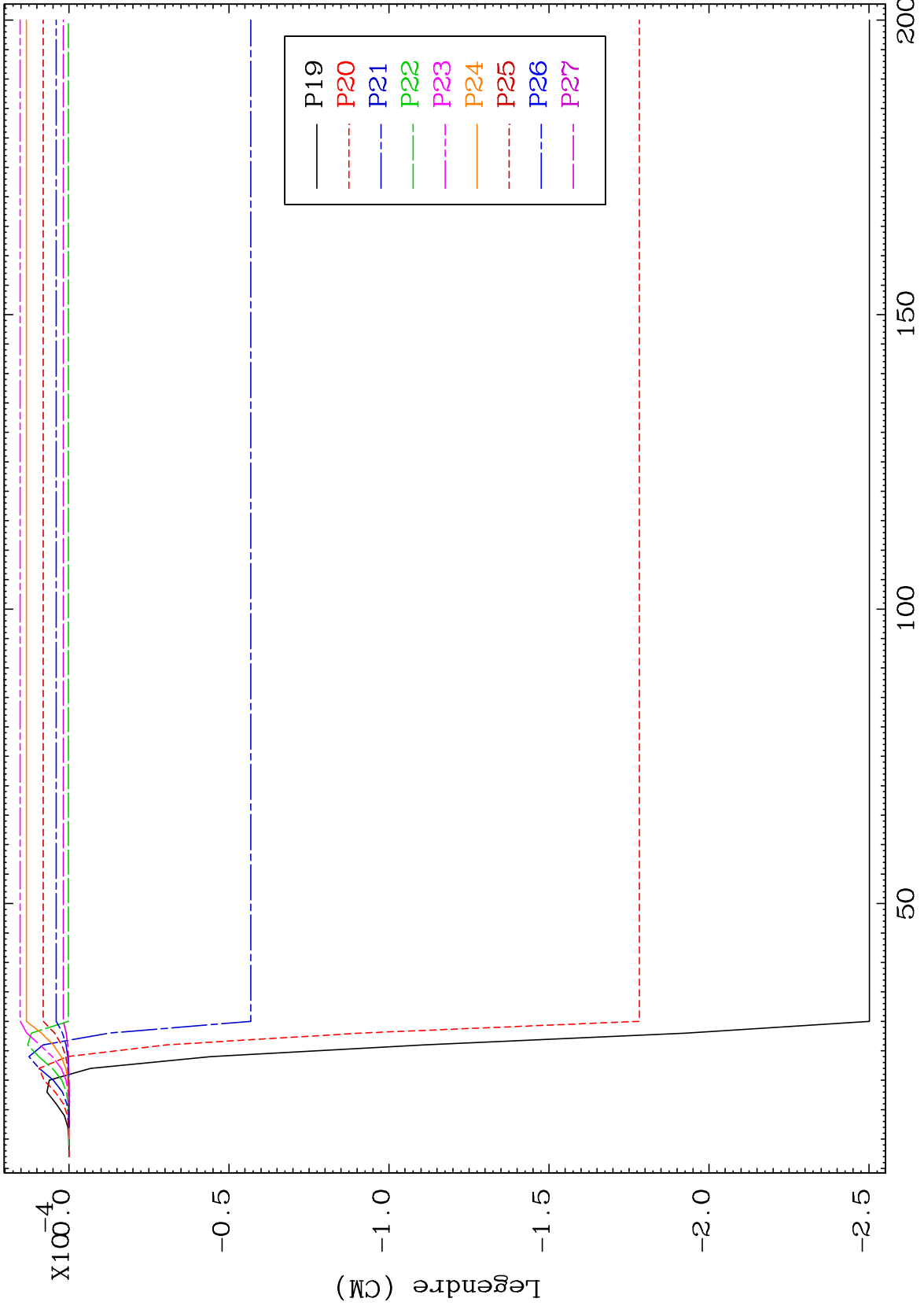


29

Incident Energy (MeV)

55-Cs-143

MAT 5555 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-143

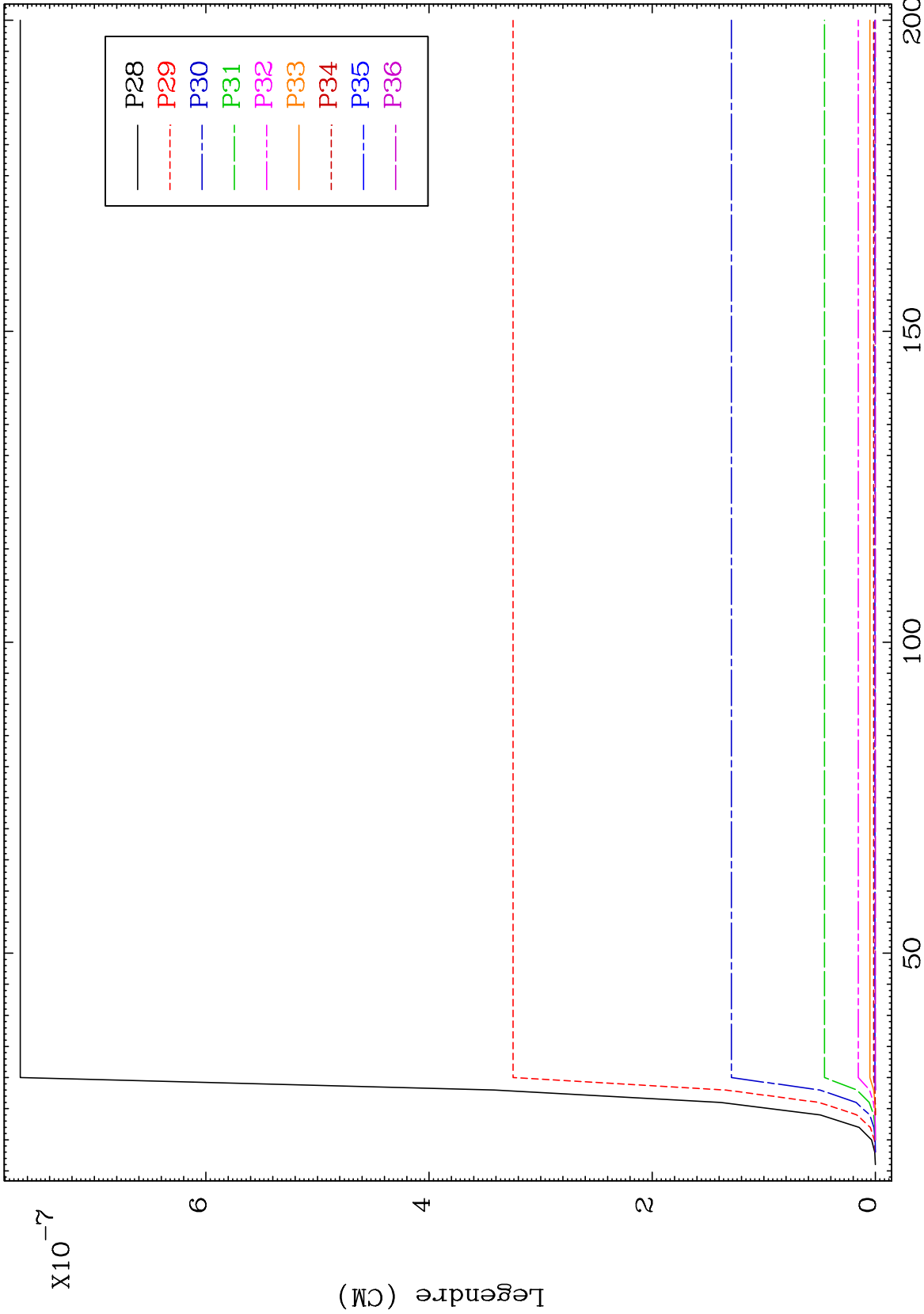


30 Incident Energy (MeV) 55-Cs-143

MAT 5555

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

55-Cs-143



31

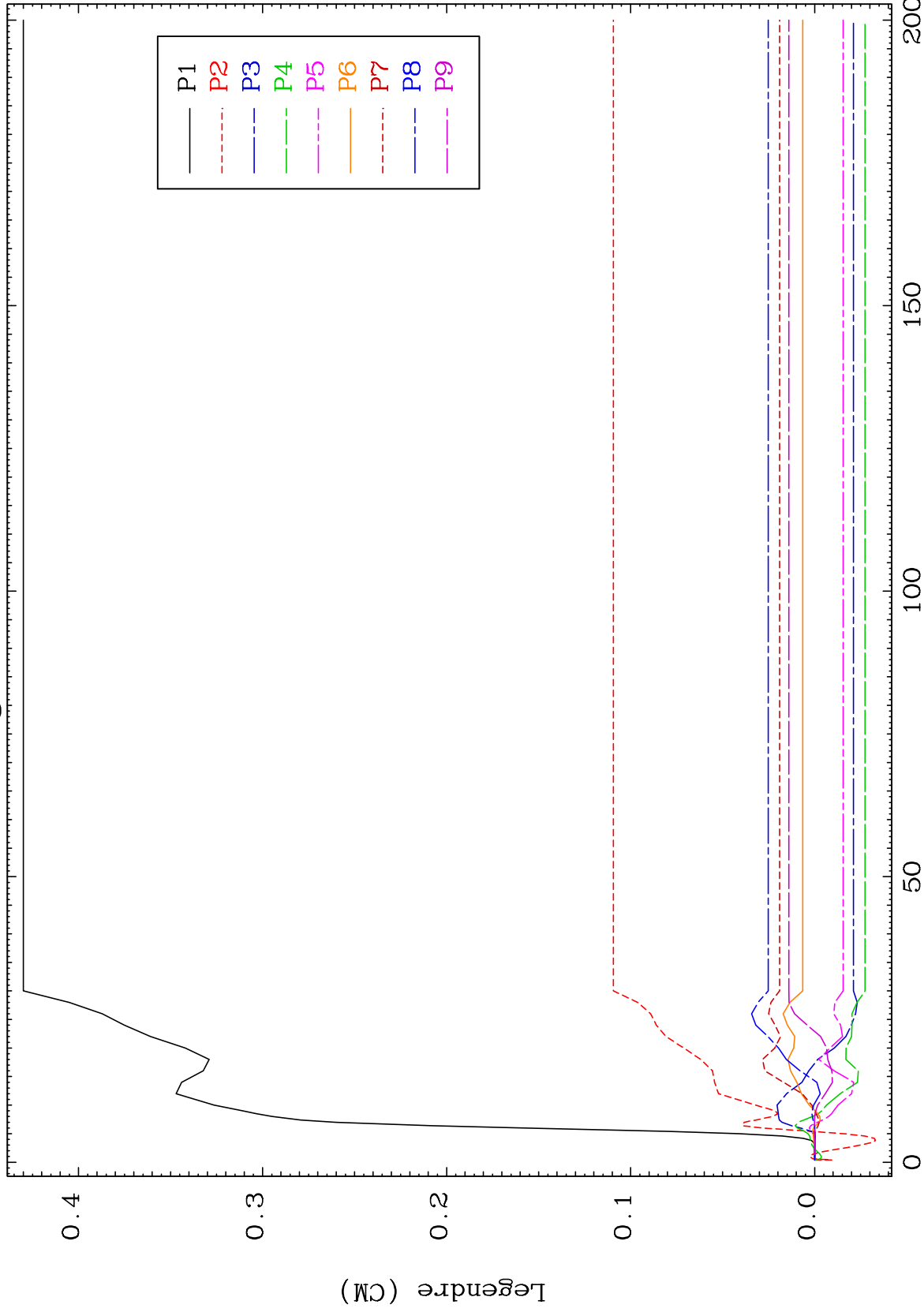
55-Cs-143



MAT 5555

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

55-Cs-143



32

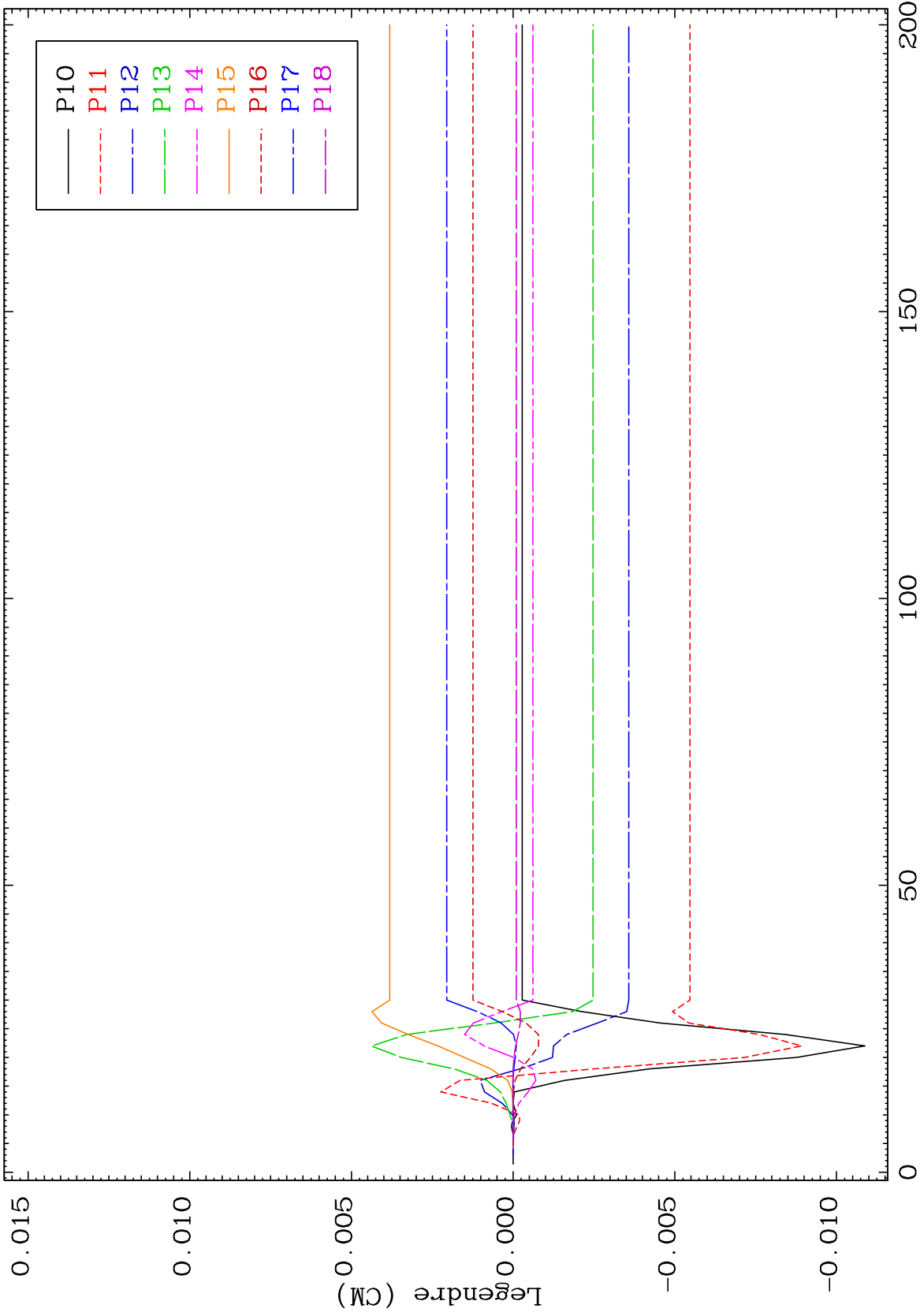
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



33

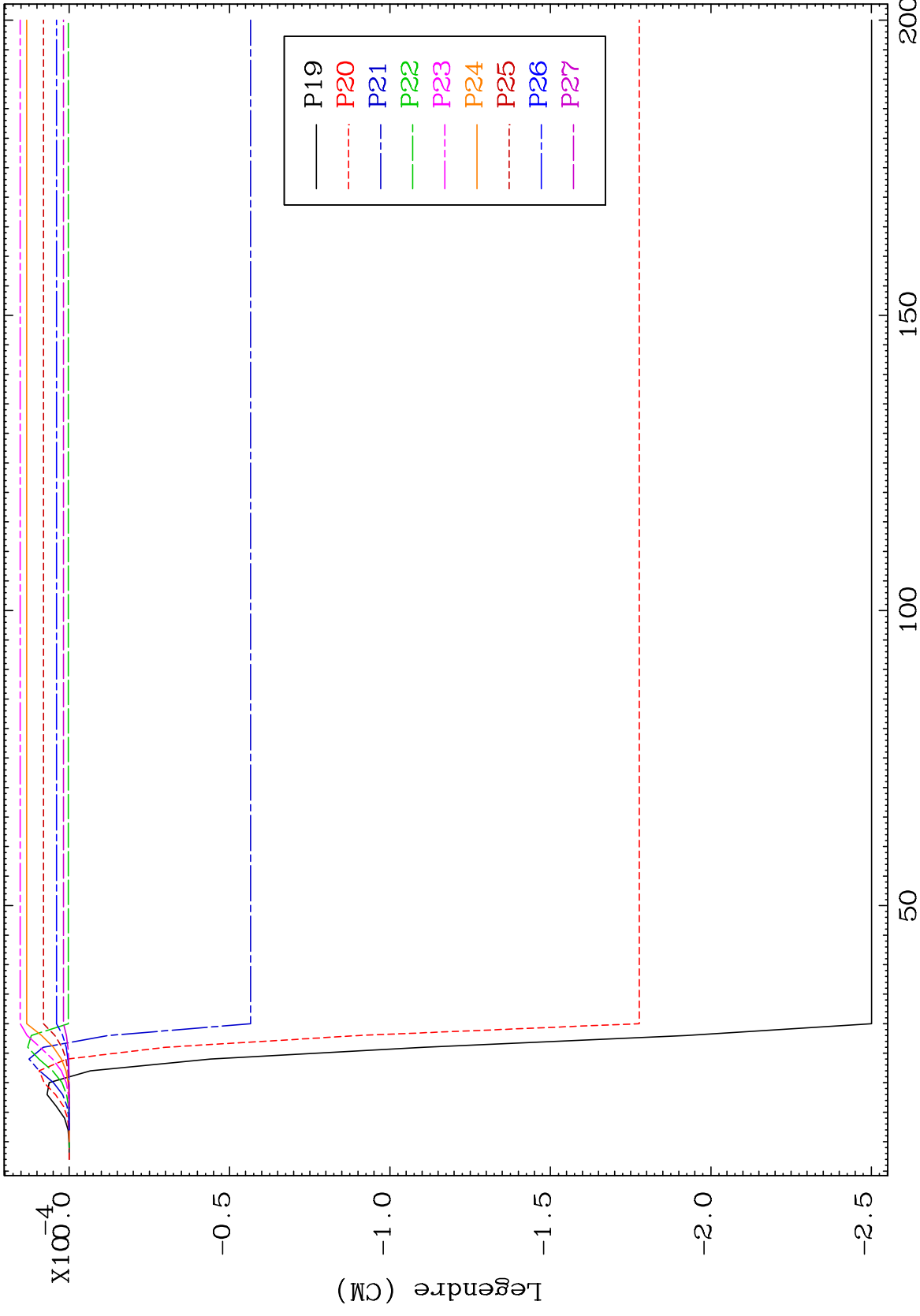
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

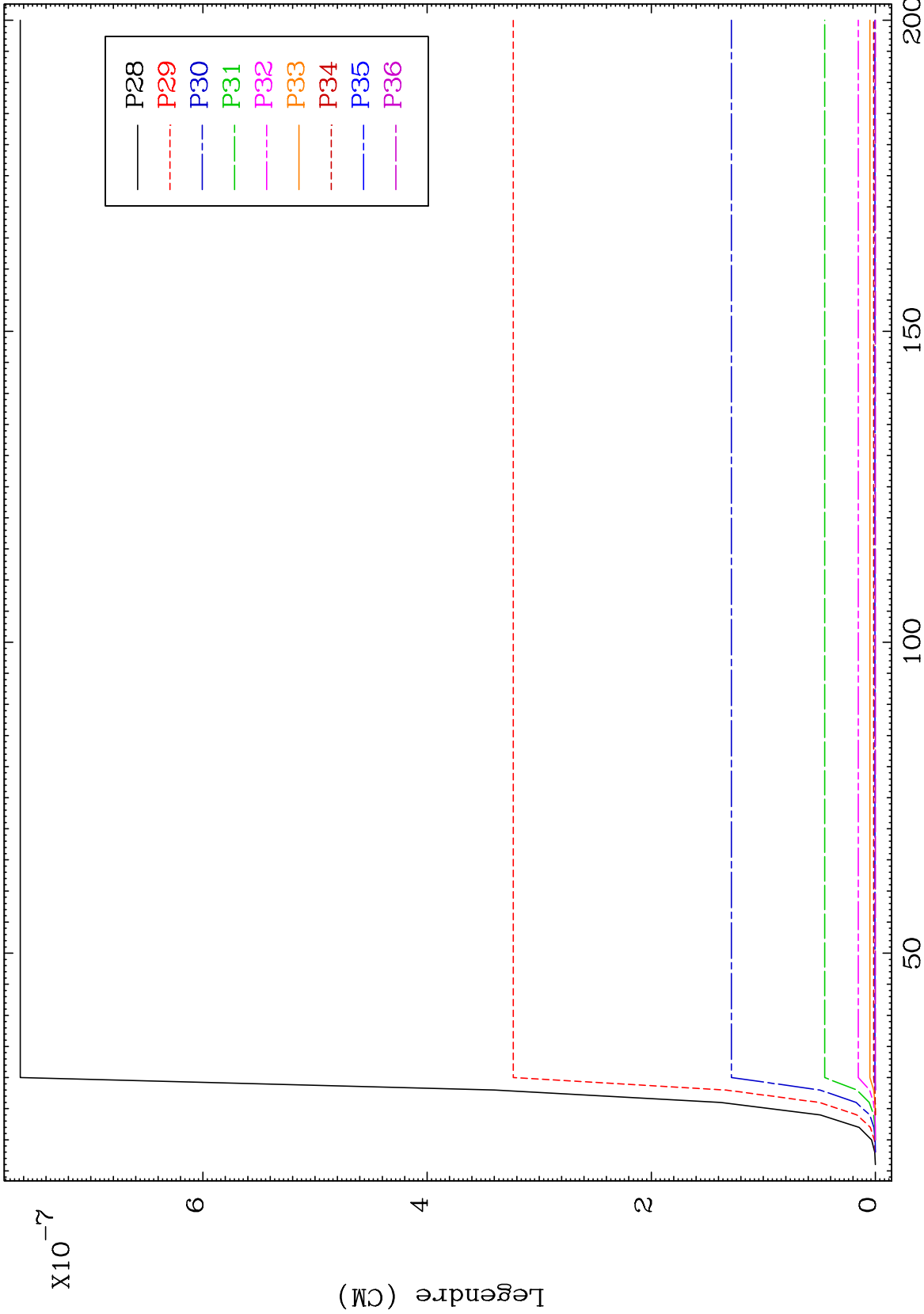
Incident Energy (MeV)

34

MAT 5555

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

55-Cs-143



35

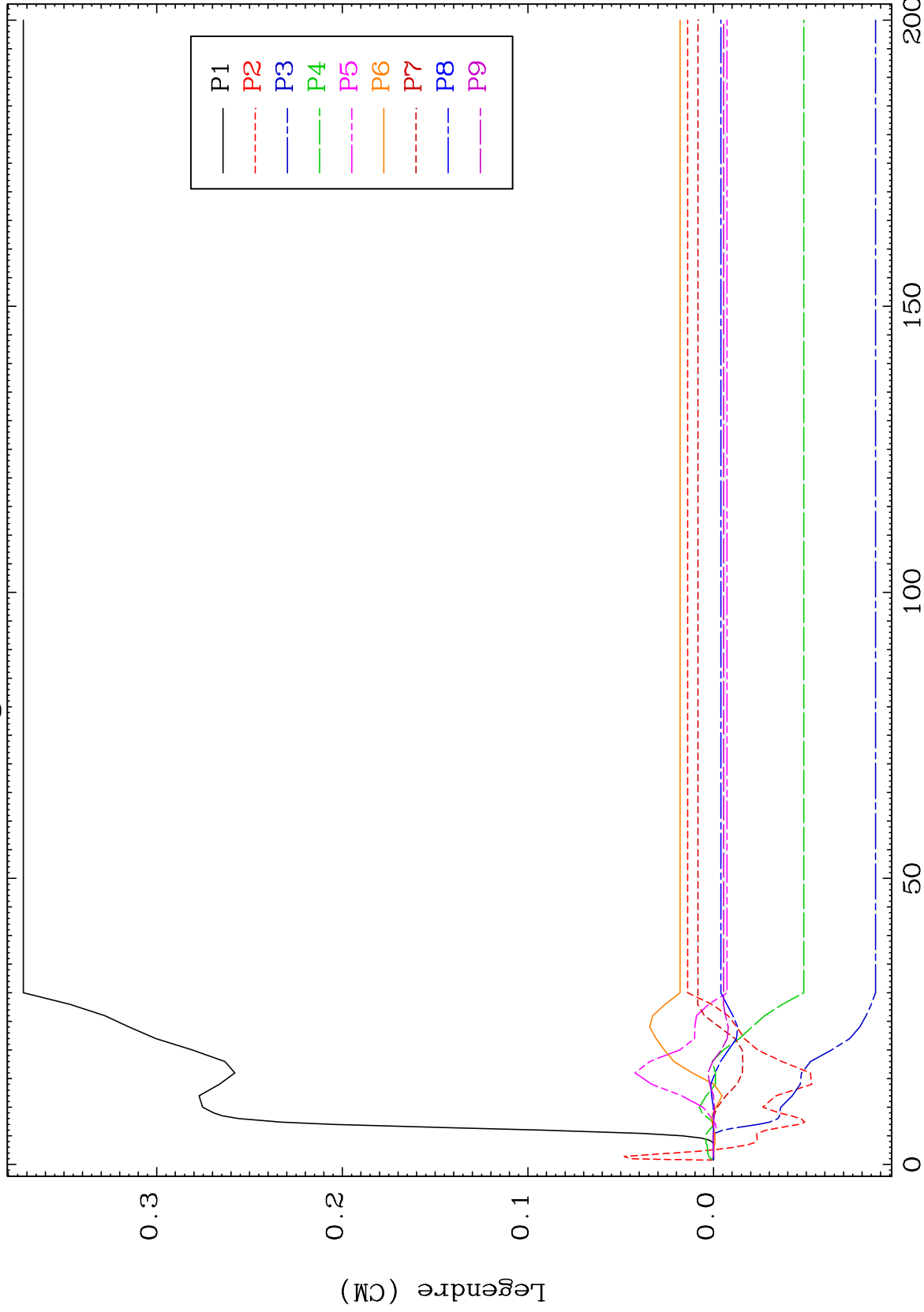
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

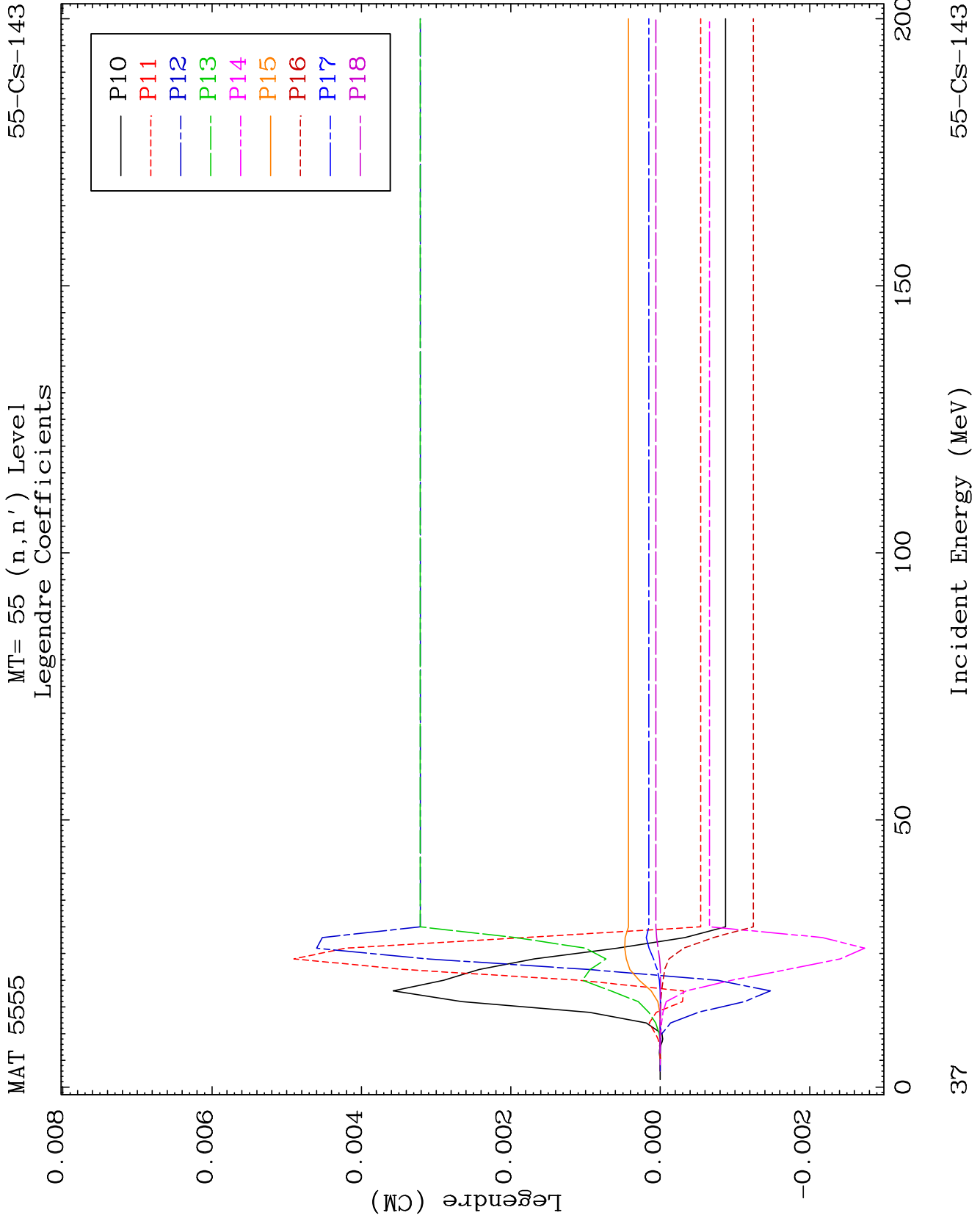
55-Cs-143



36

Incident Energy (MeV)

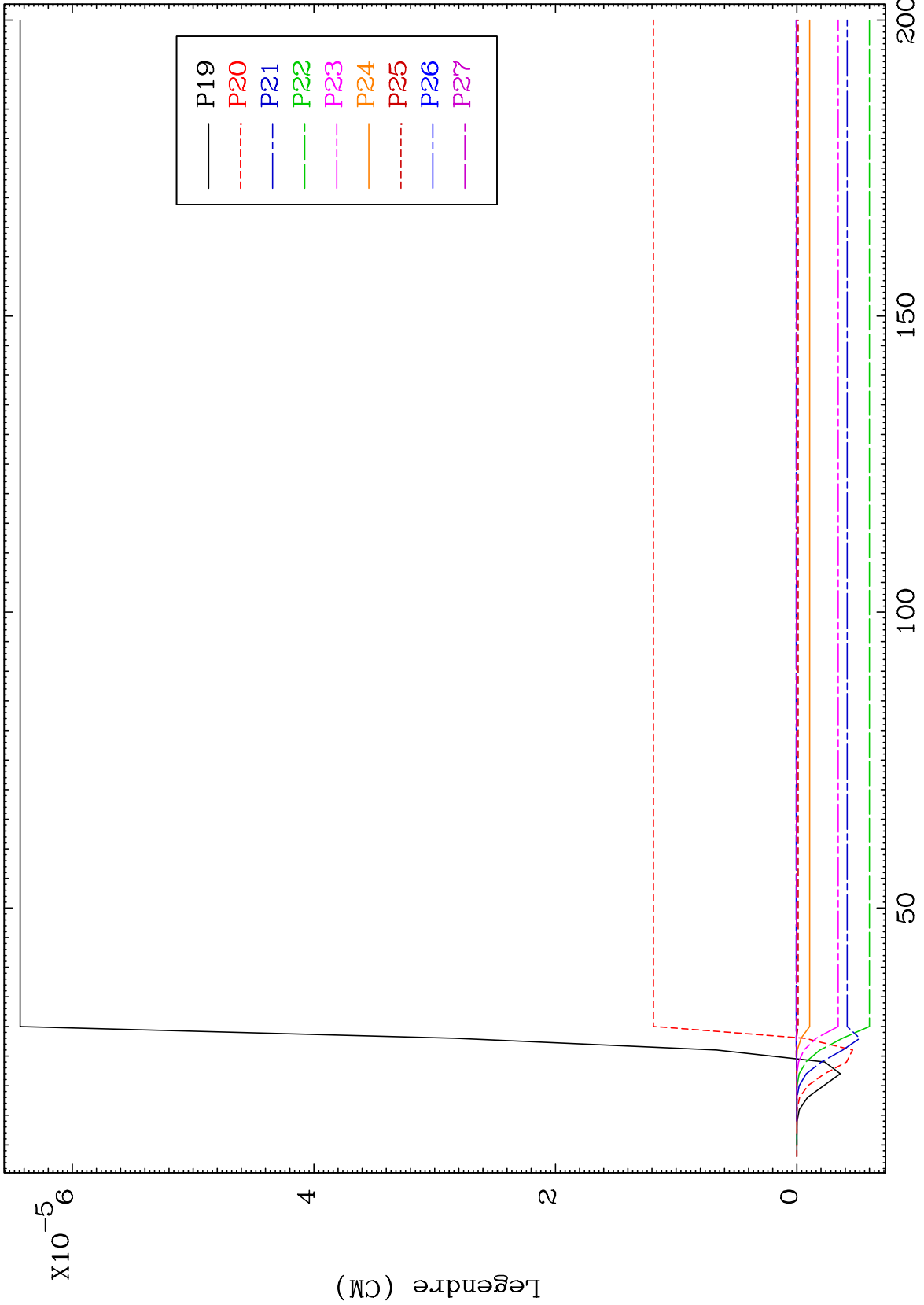
55-Cs-143



MAT 5555

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

55-Cs-143



38

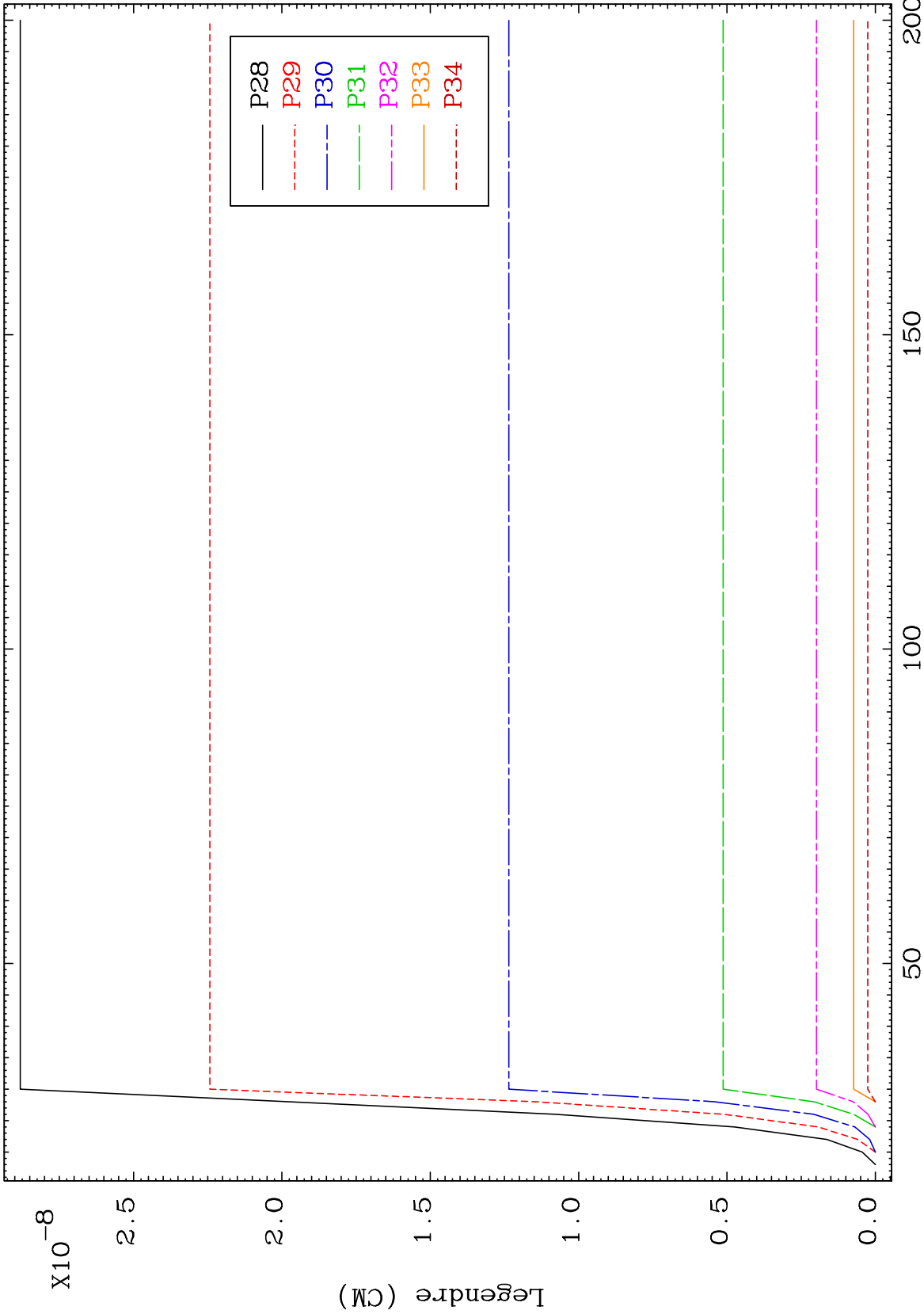
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



39

Incident Energy (MeV)

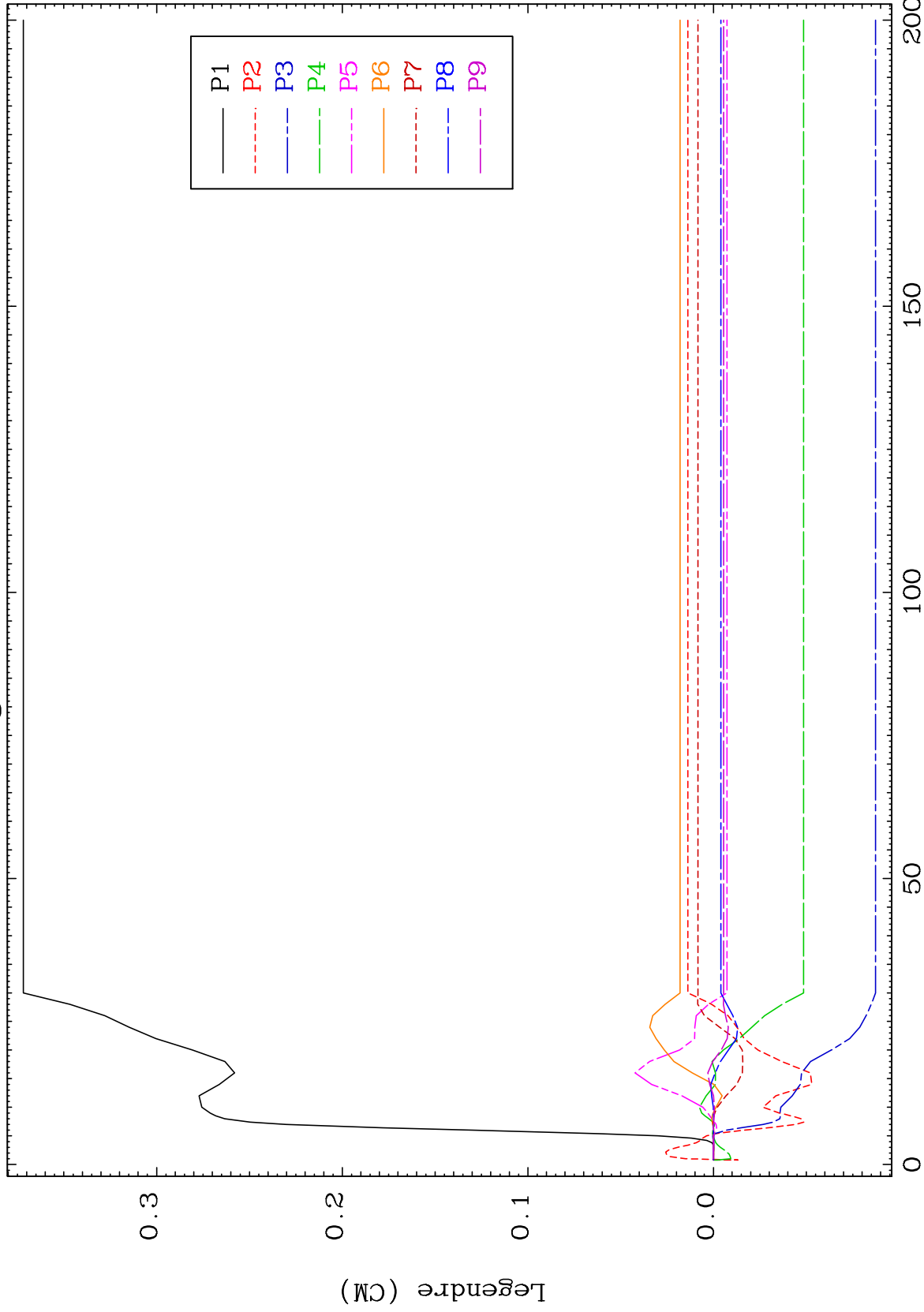
55-Cs-143



MAT 5555

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

55-Cs-143

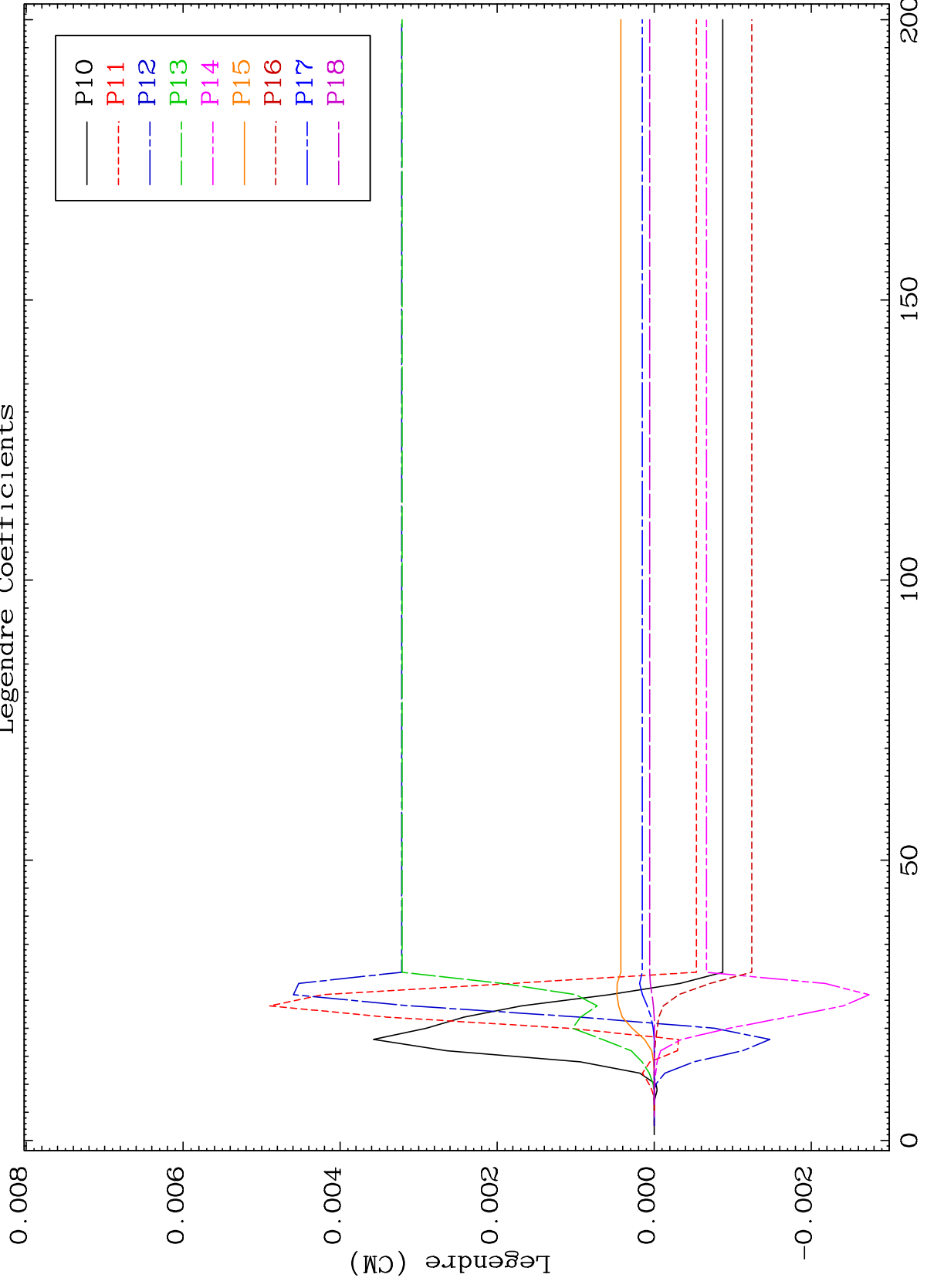


40

Incident Energy (MeV)

55-Cs-143

MAT 5555 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-143

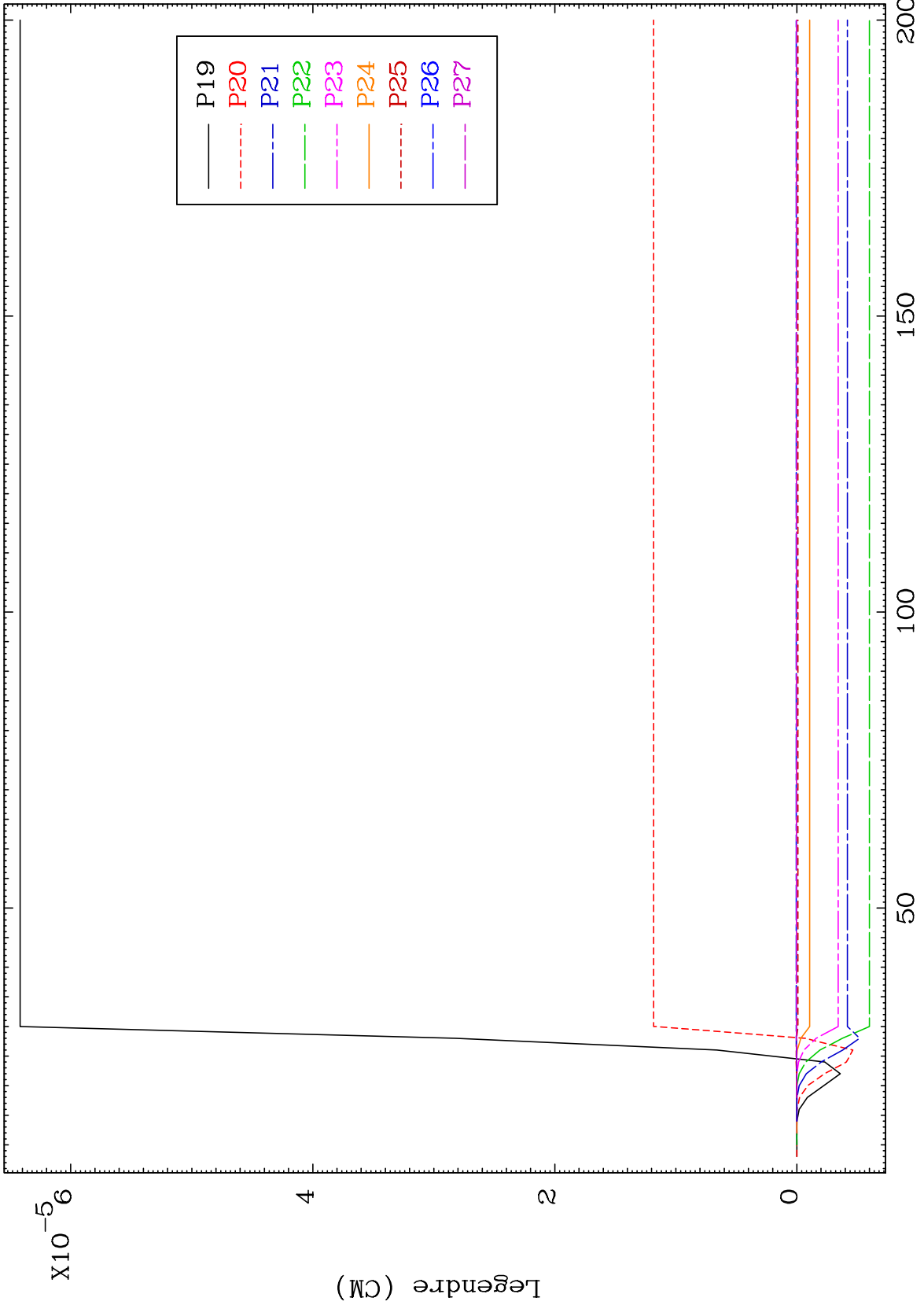


41 55-Cs-143

MAT 5555

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

55-Cs-143



42

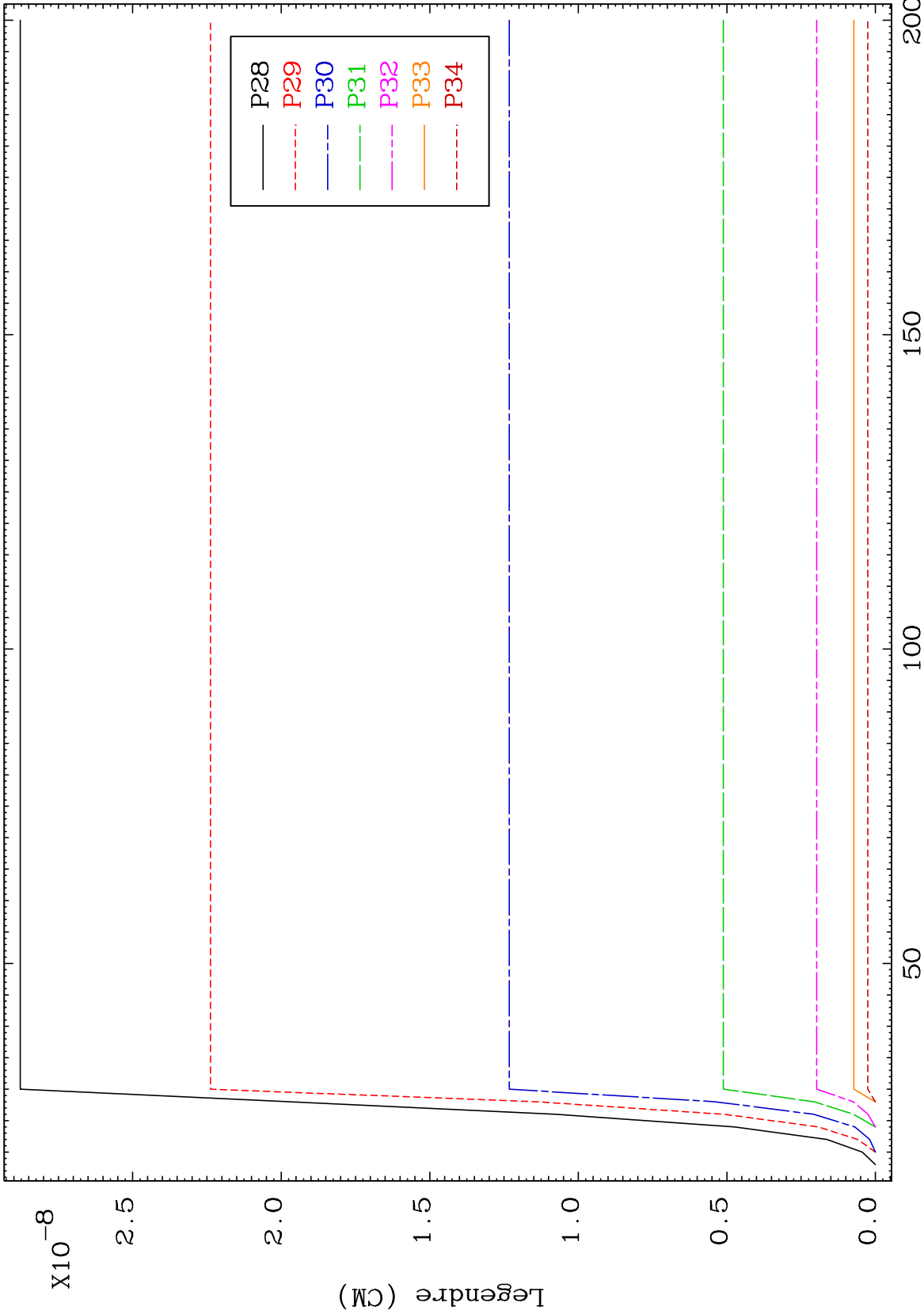
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



43

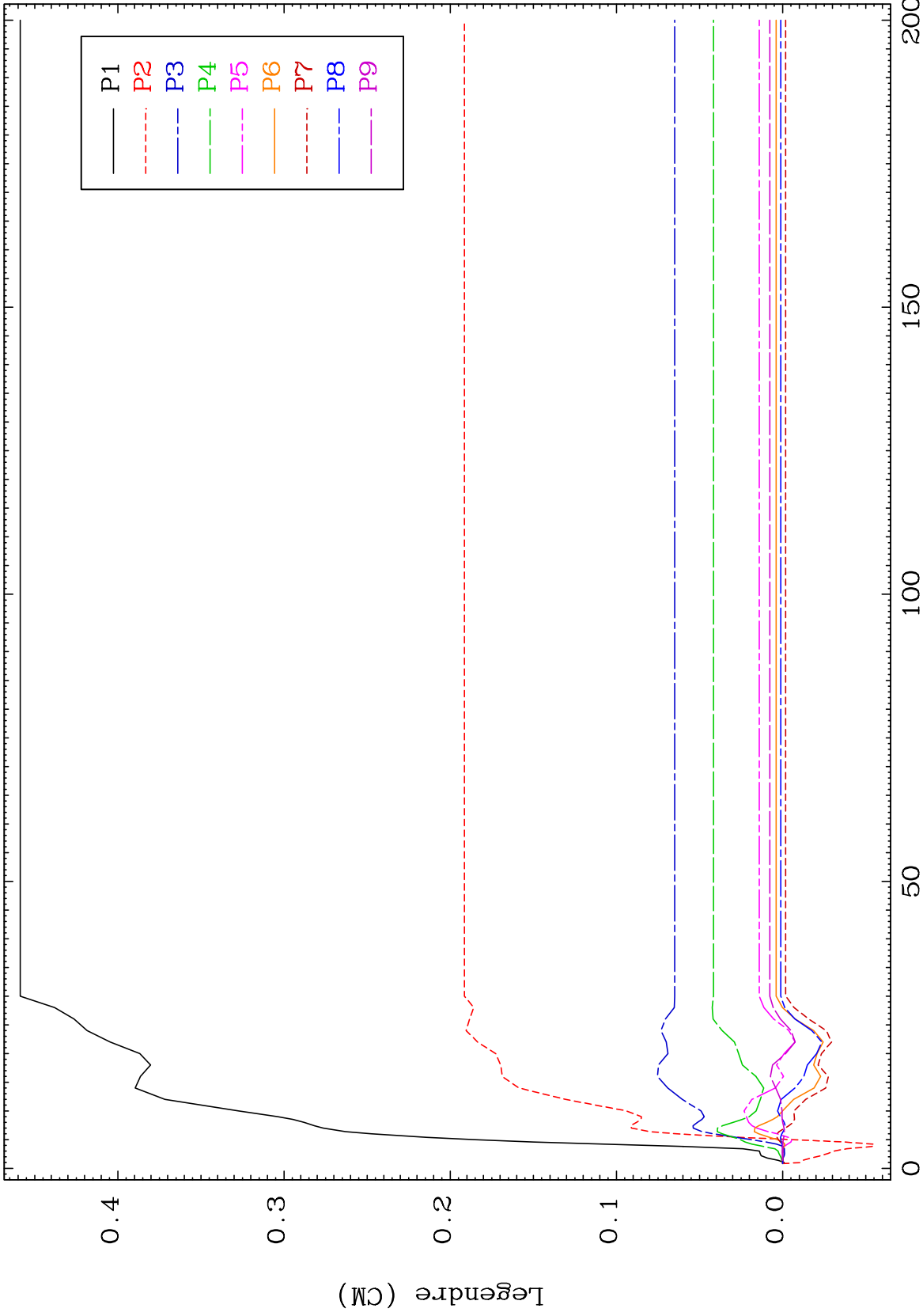
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



44

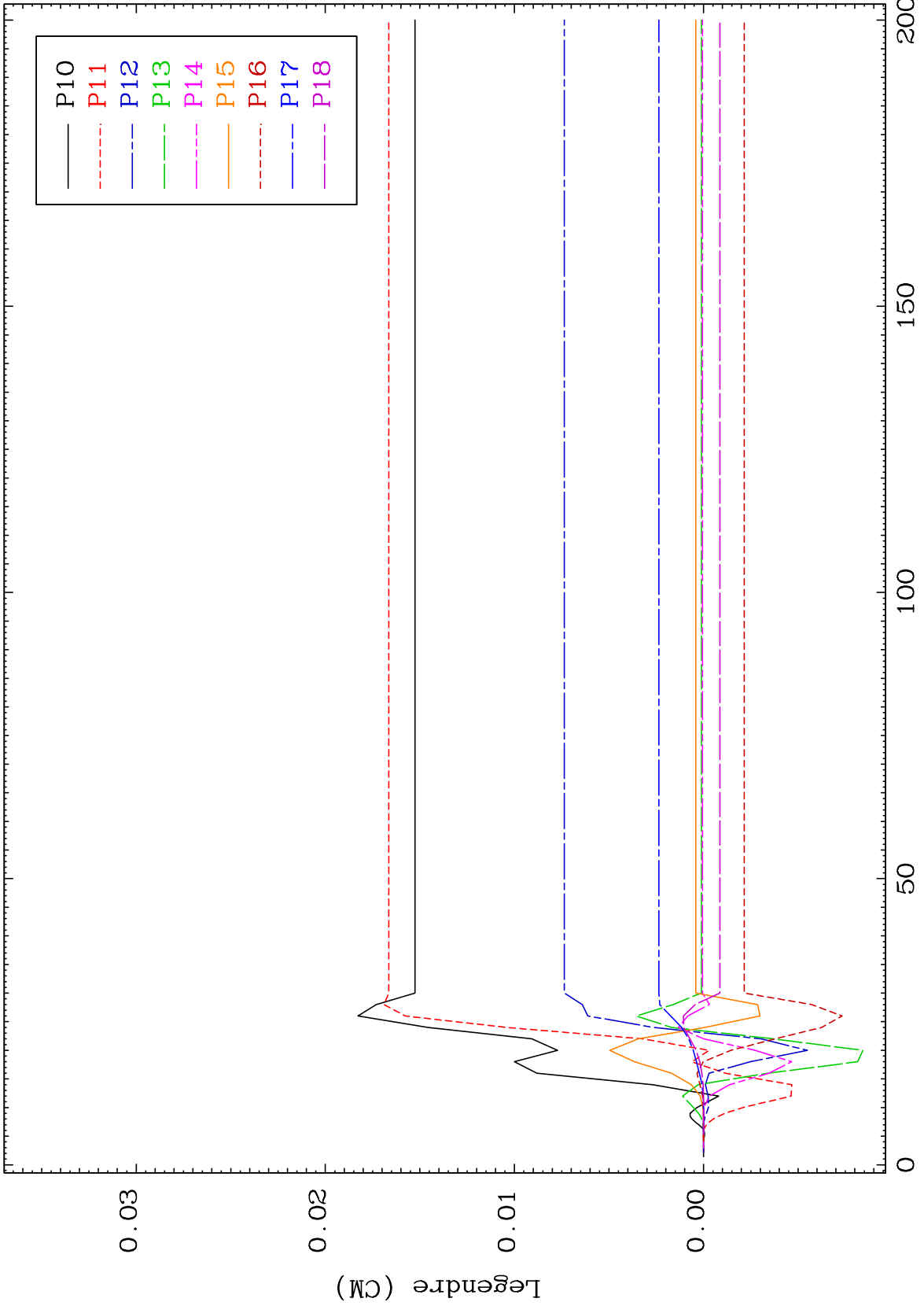
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



45

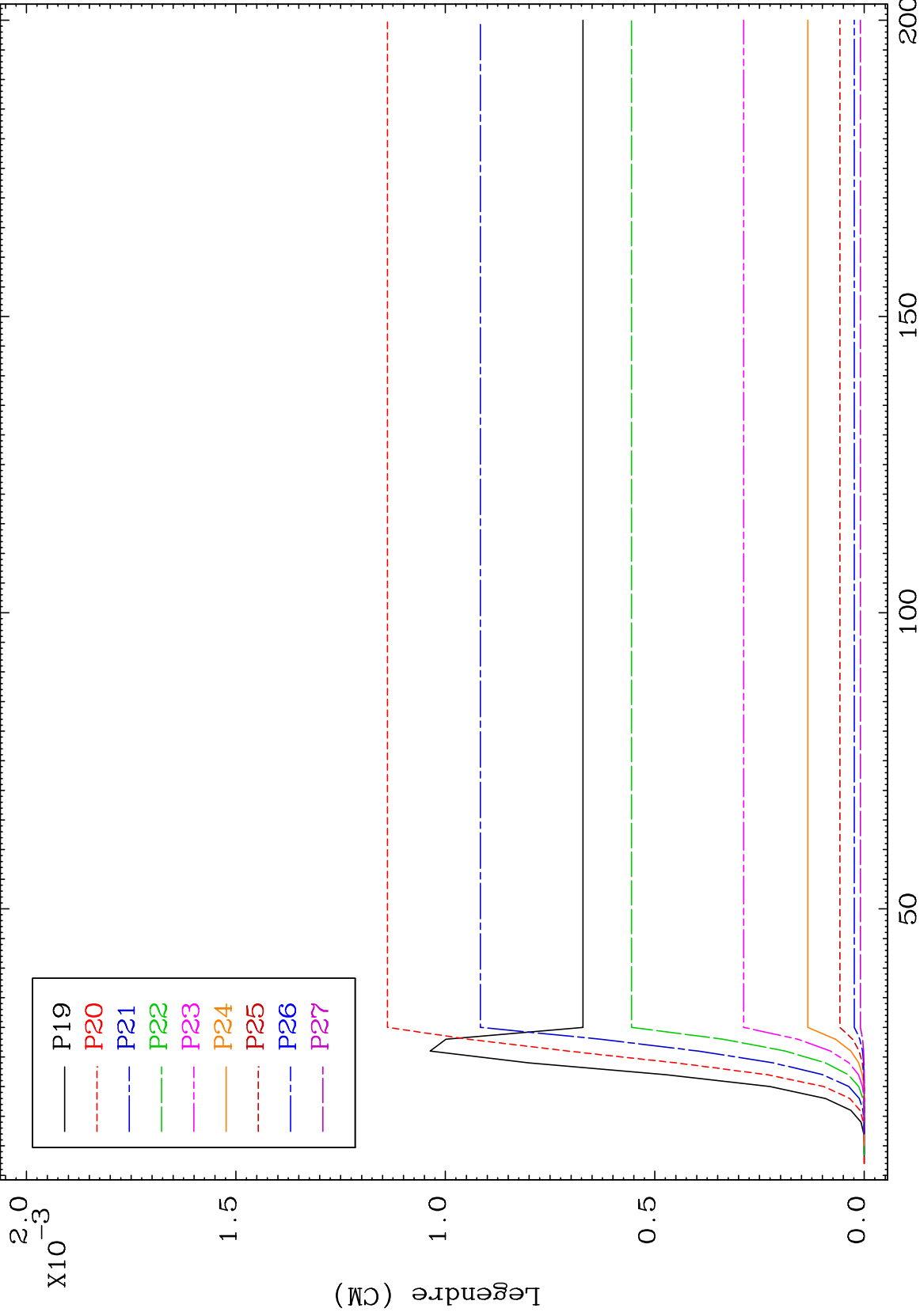
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



46

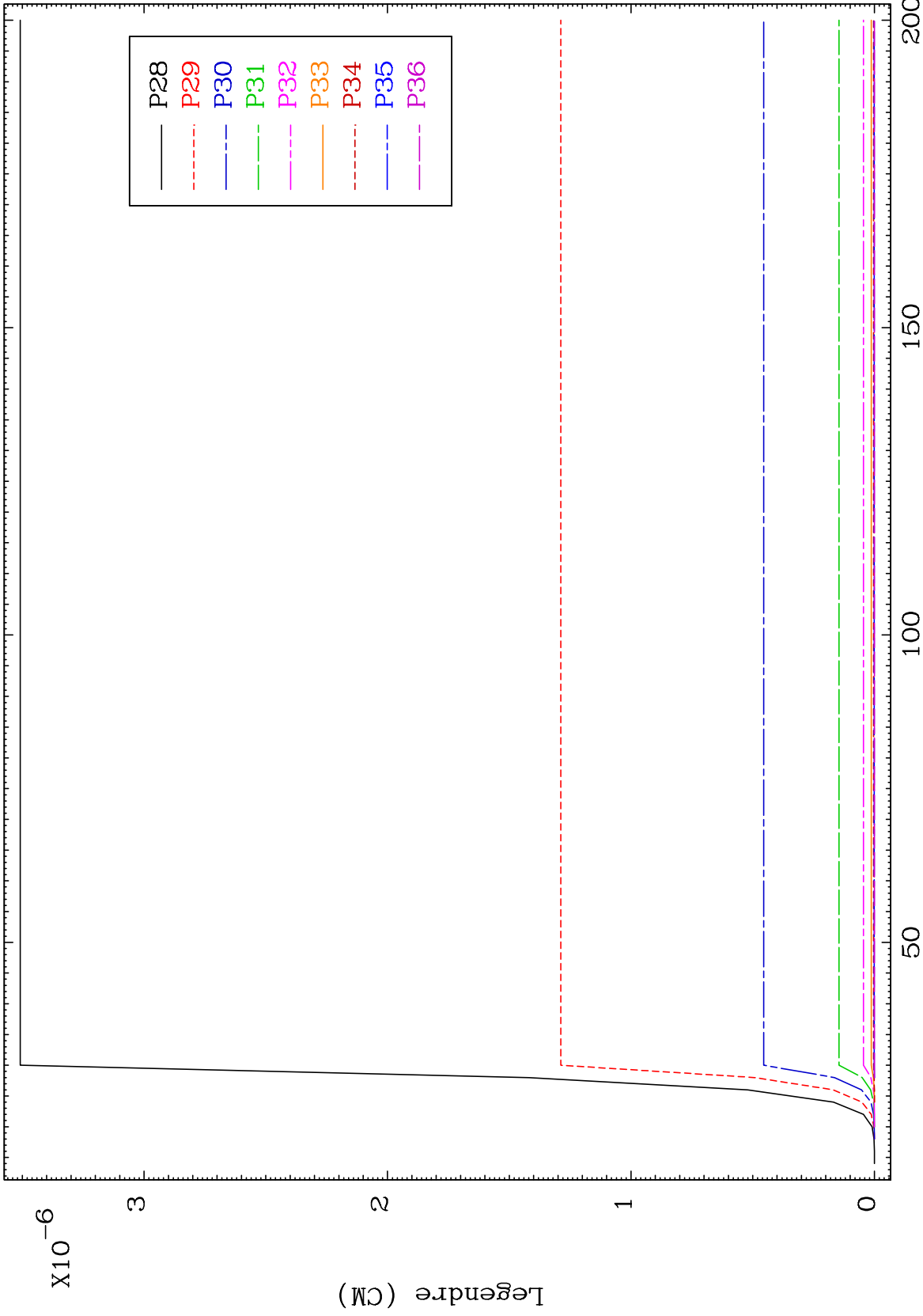
55-Cs-143

200

MAT 5555

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

55-Cs-143



47

Incident Energy (MeV)

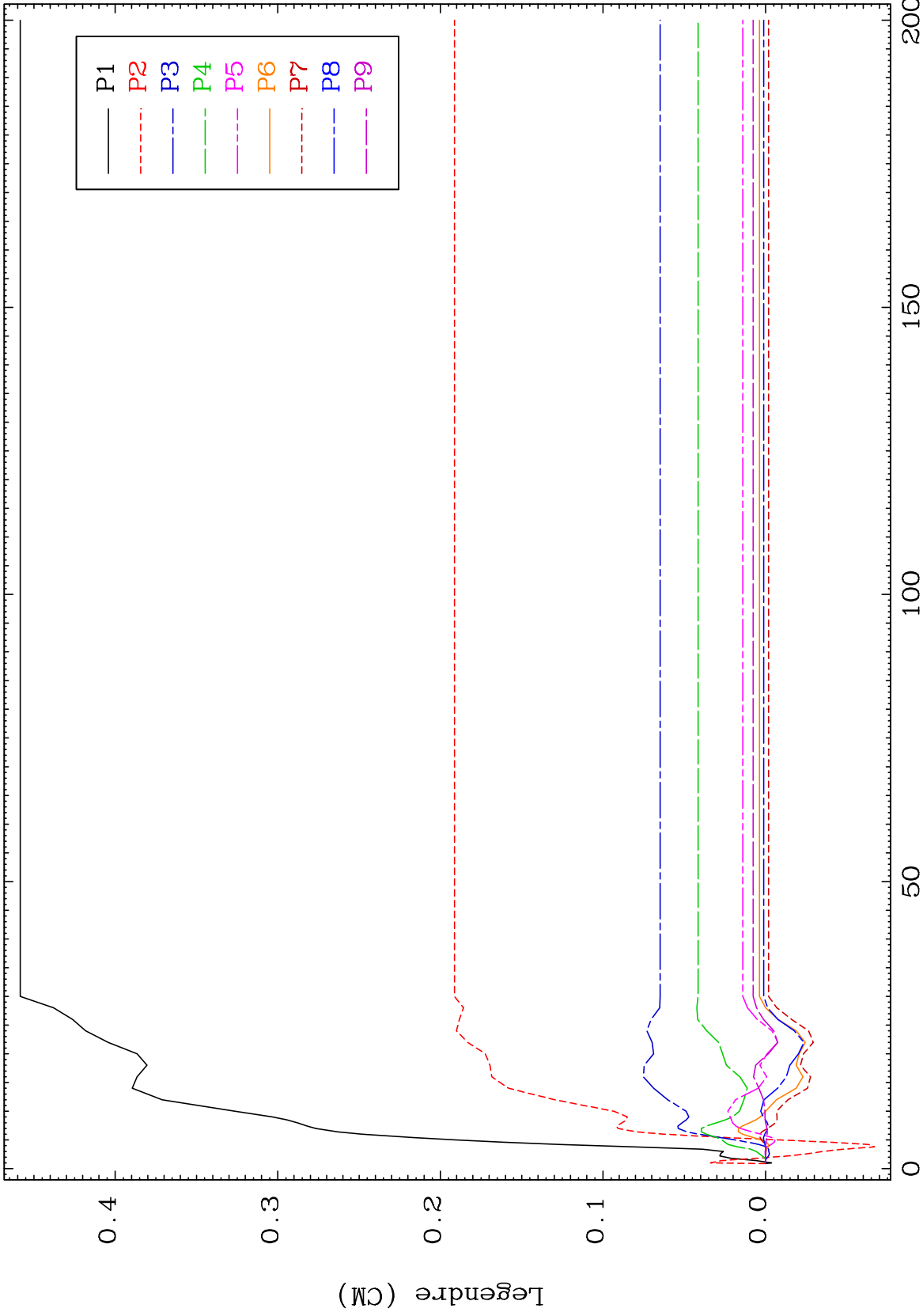
55-Cs-143



MAT 5555

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

55-Cs-143



48

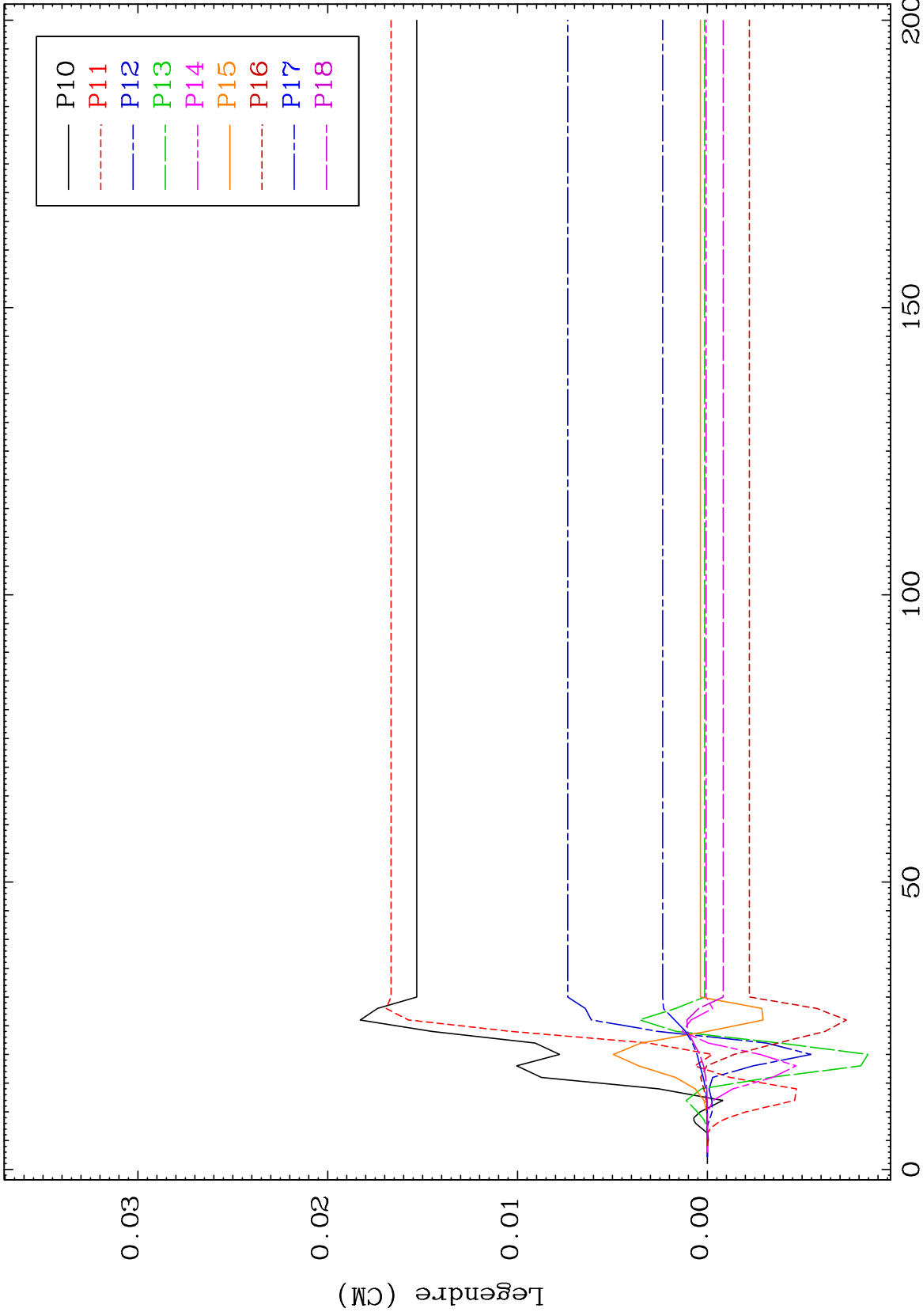
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



49

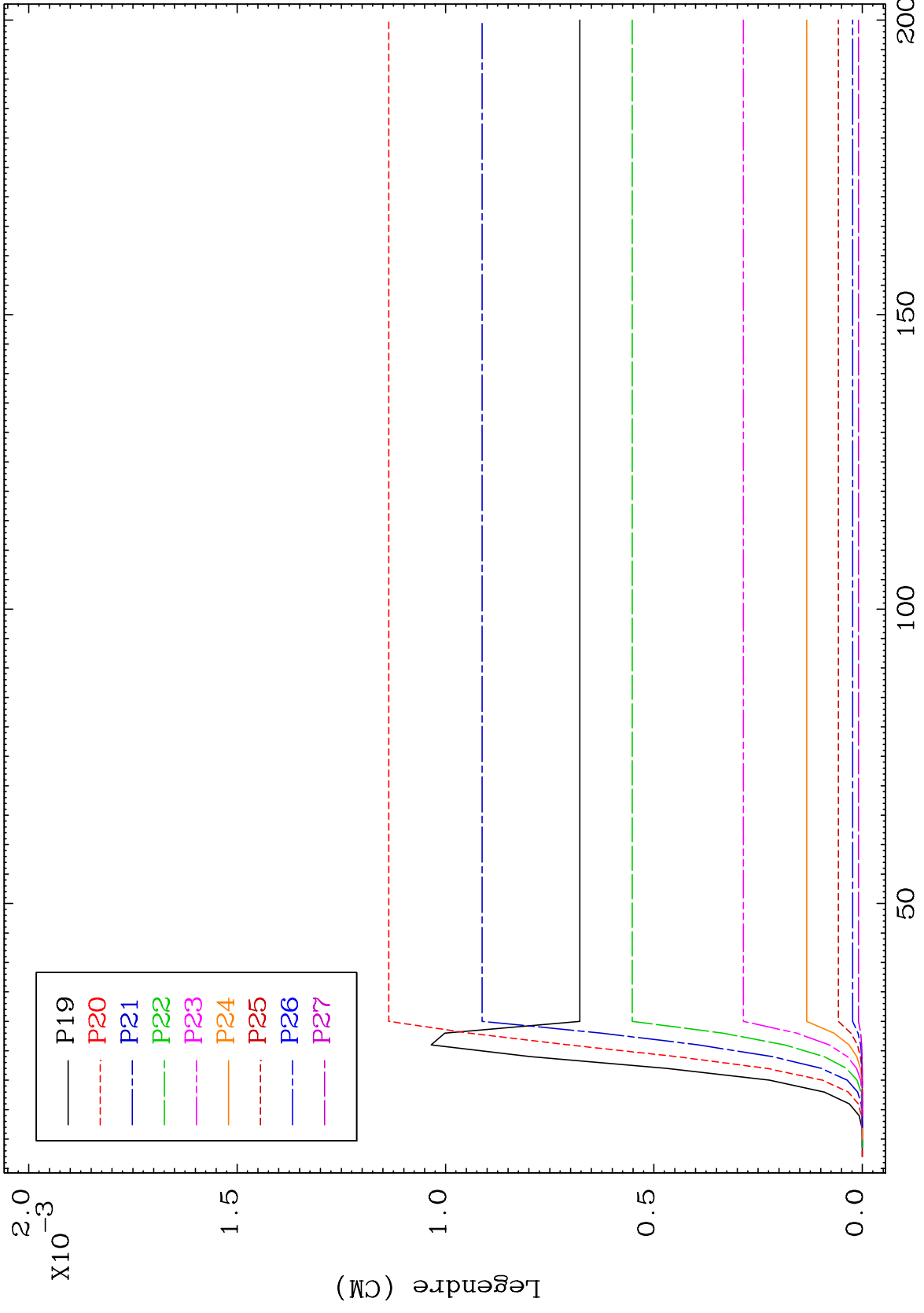
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



50

50

100

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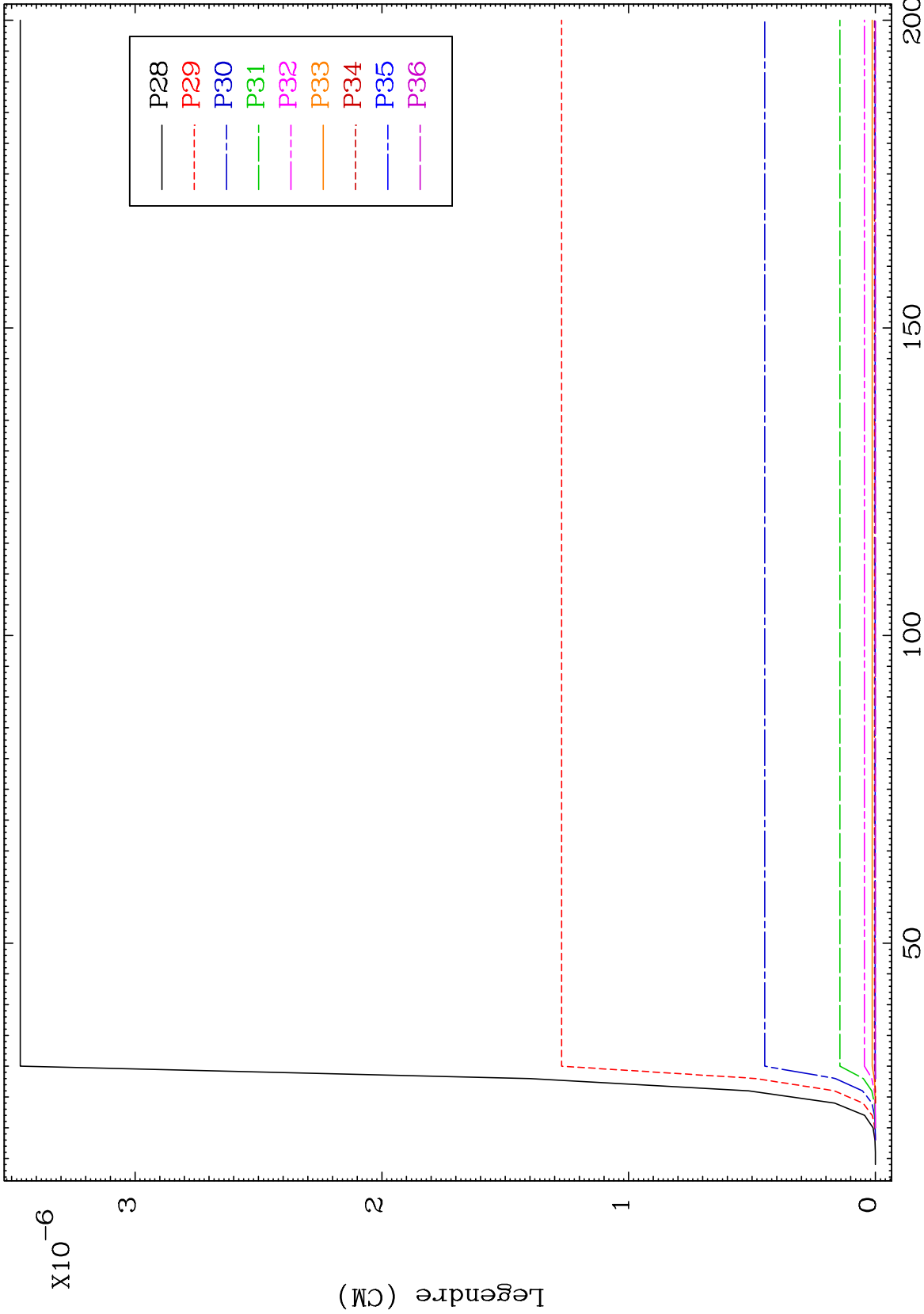
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55-Cs-143

MAT 5555

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

55-Cs-143



51

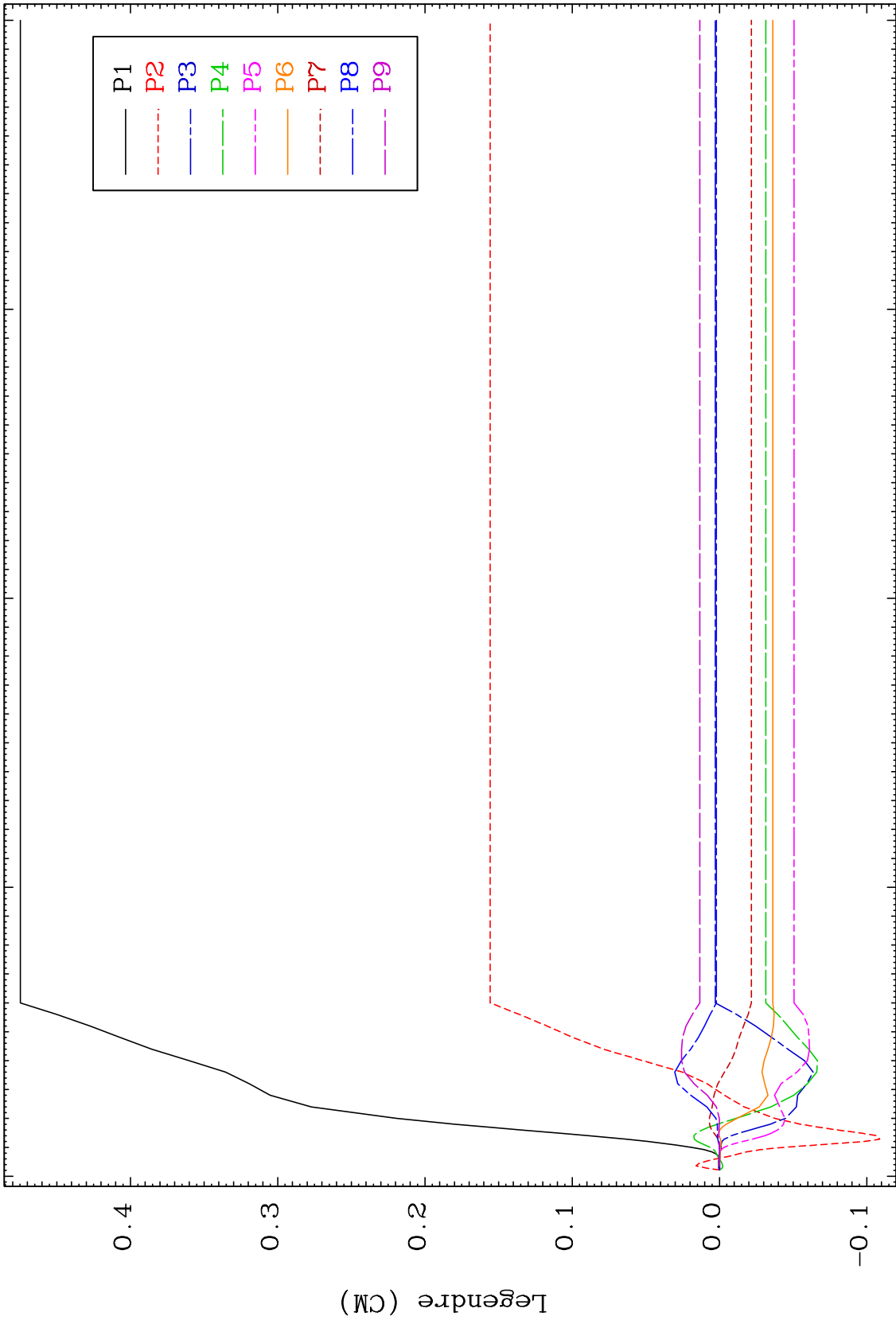
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



52

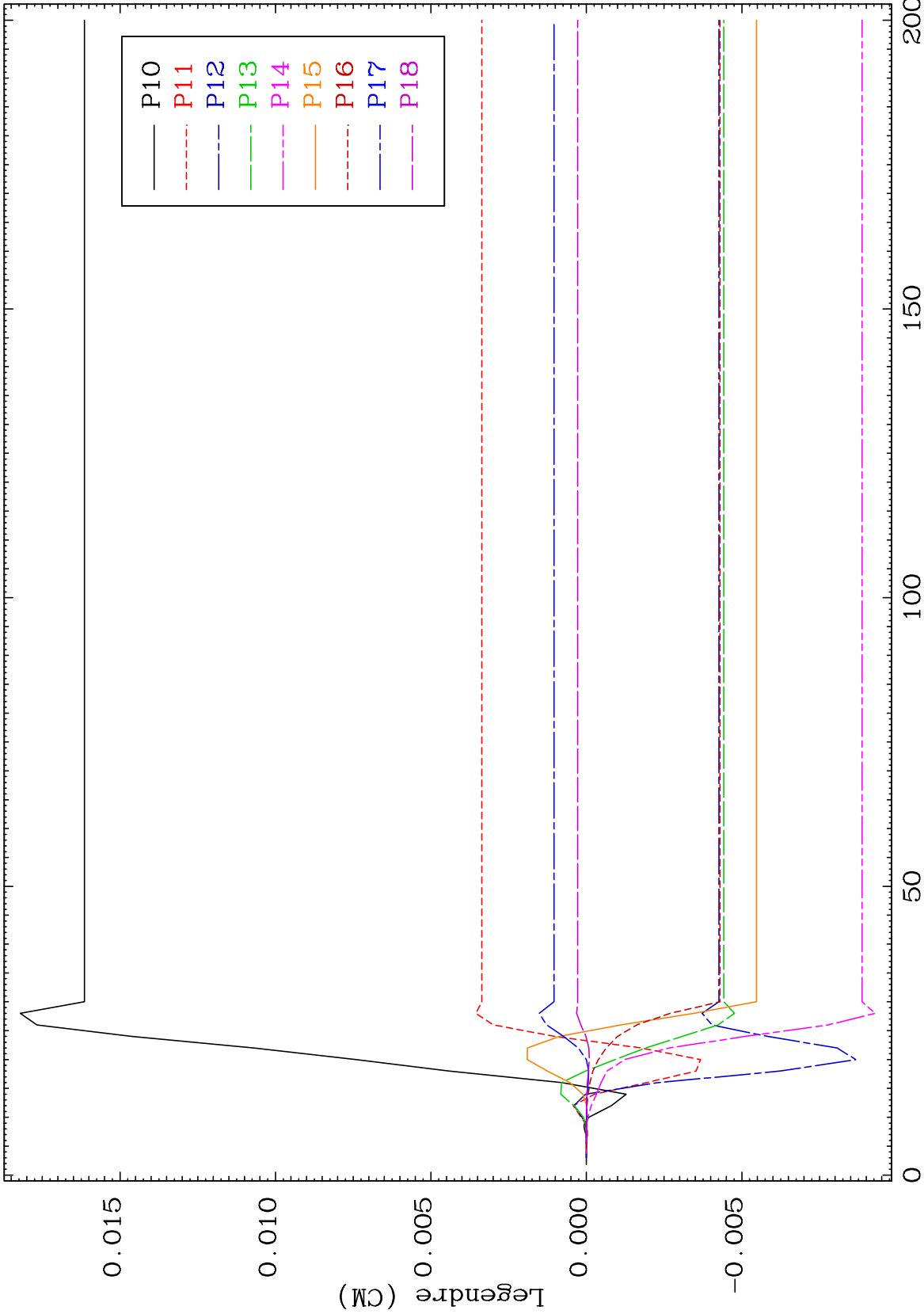
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



53

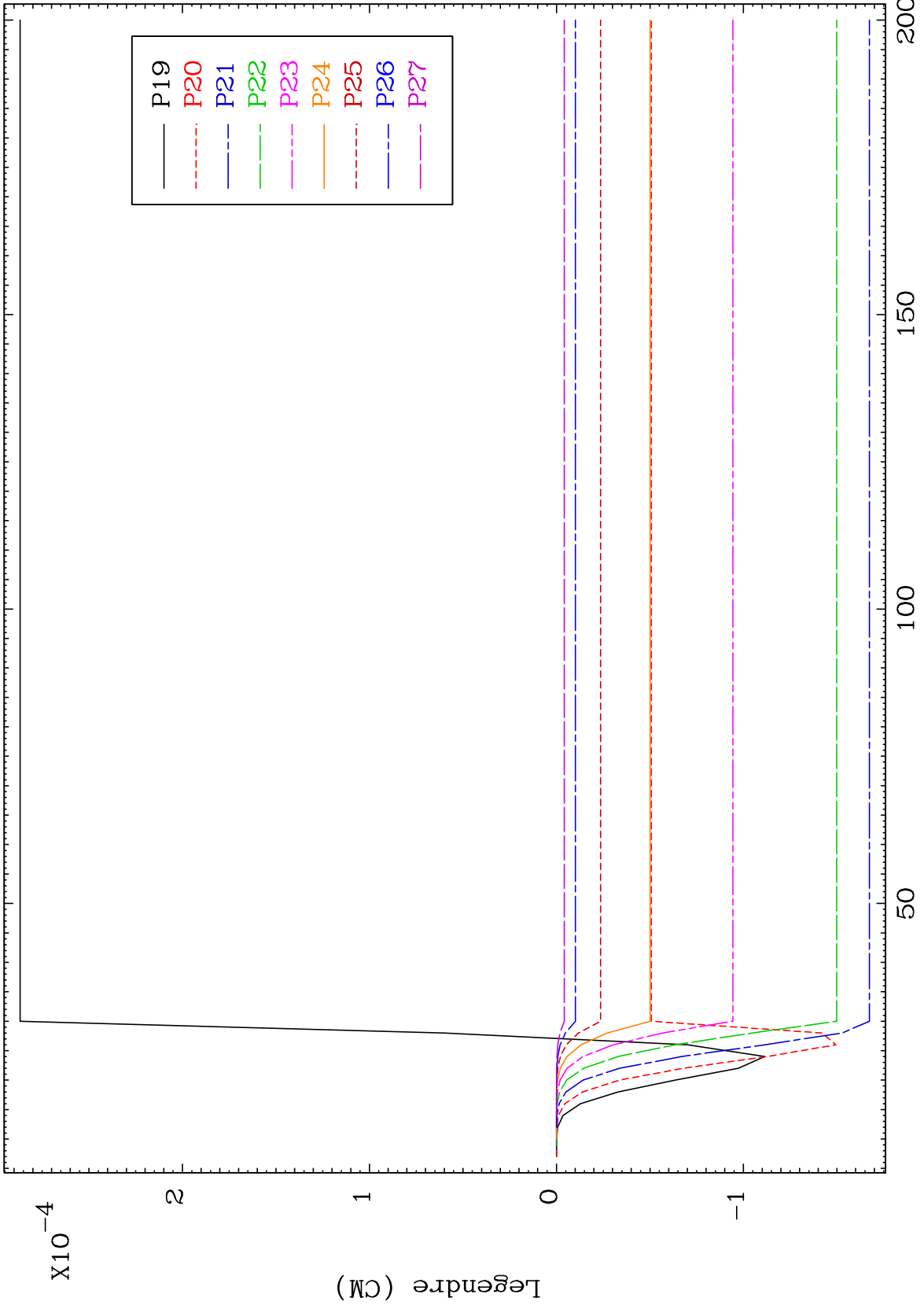
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143

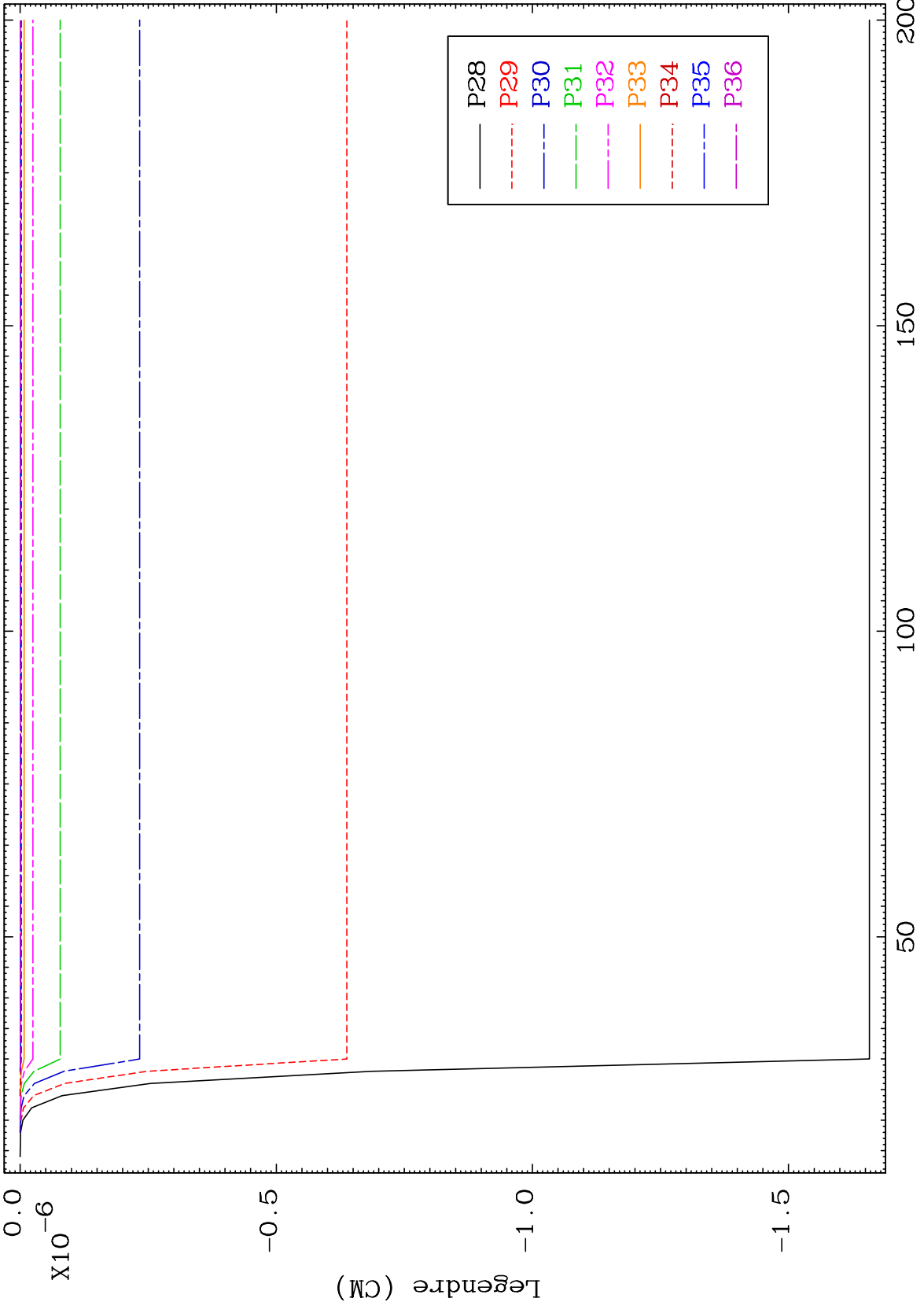


54

Incident Energy (MeV)

55-Cs-143

MAT 5555 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-143



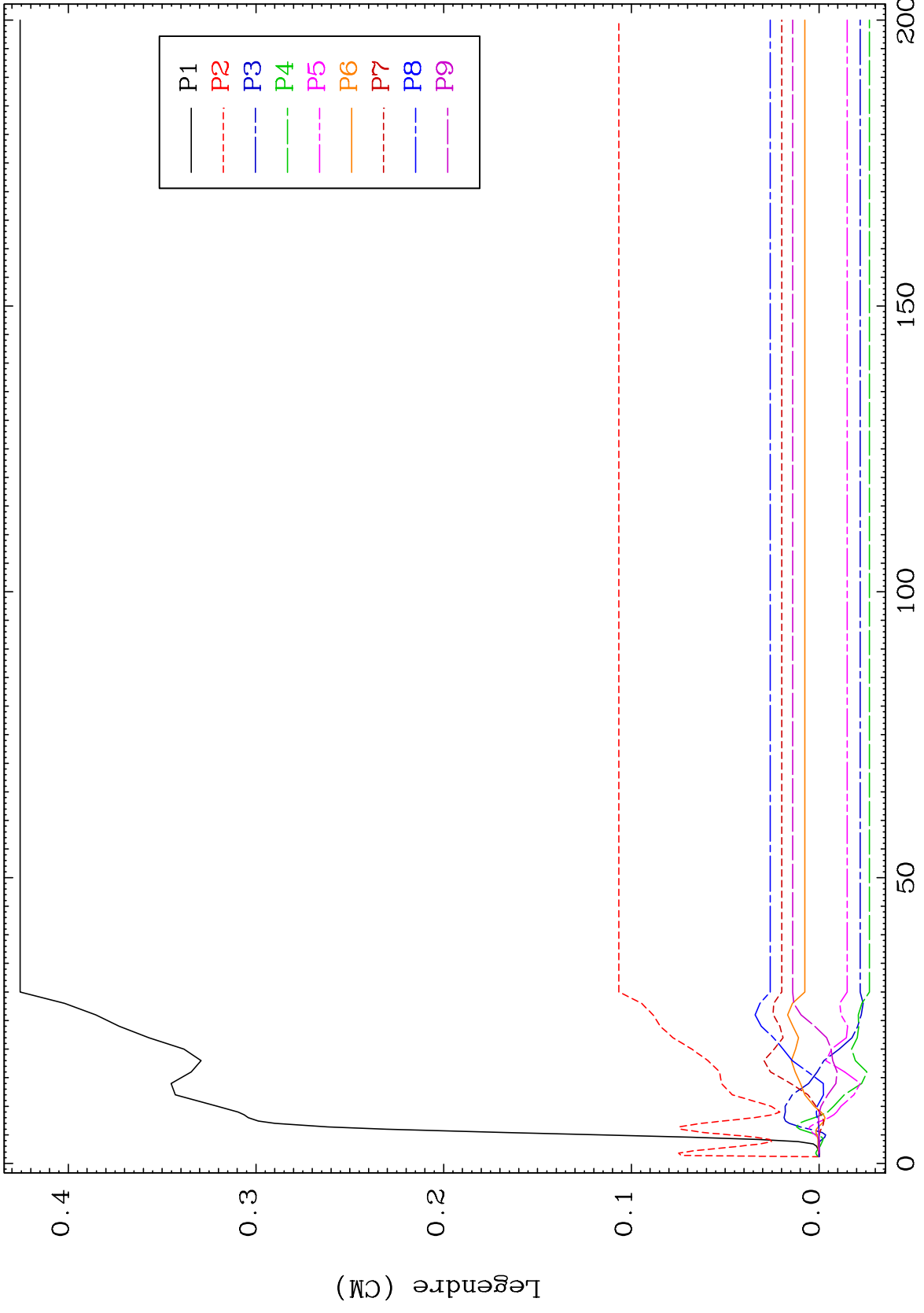
55 55-Cs-143



MAT 5555

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

55-Cs-143

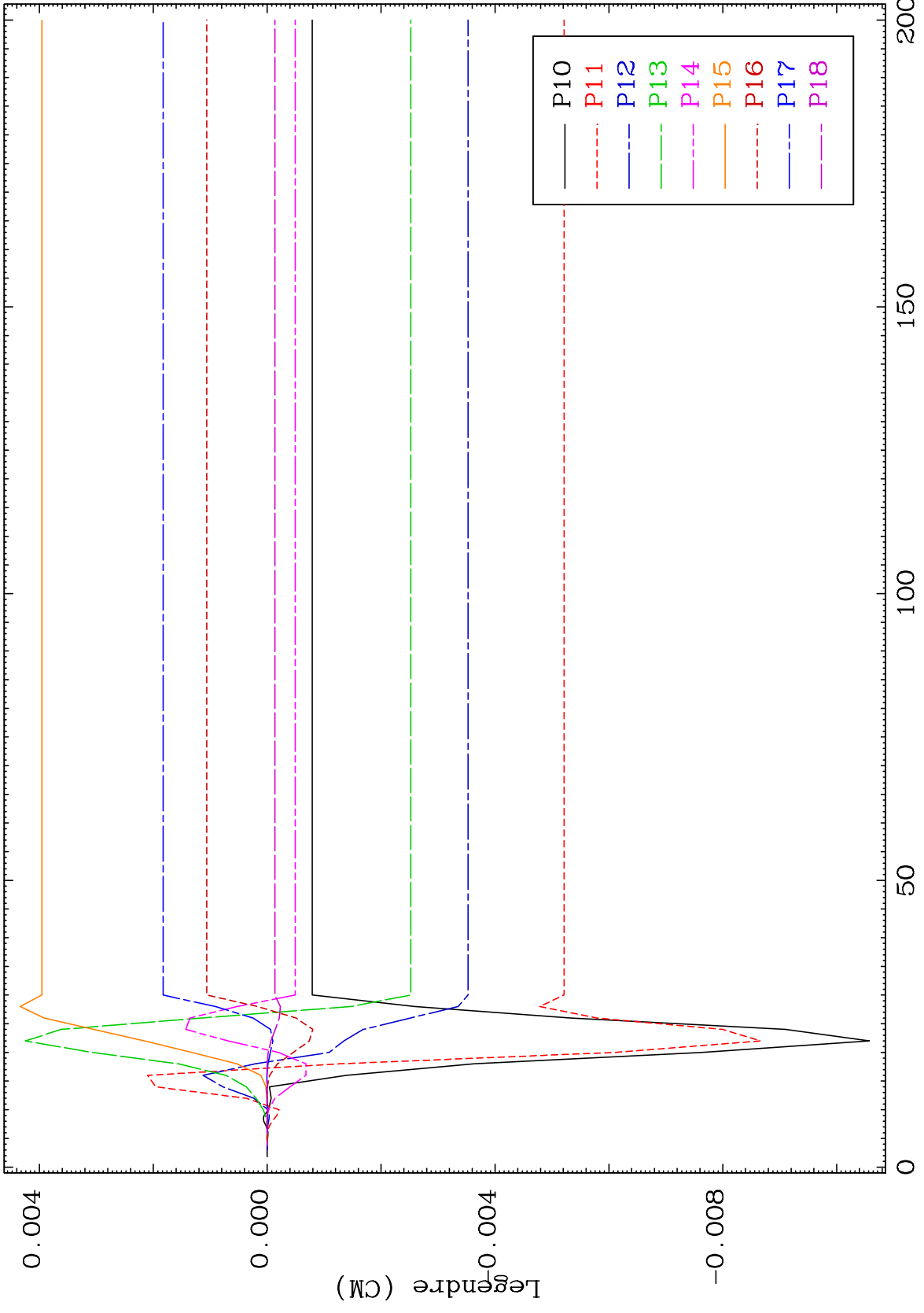


56

Incident Energy (MeV)

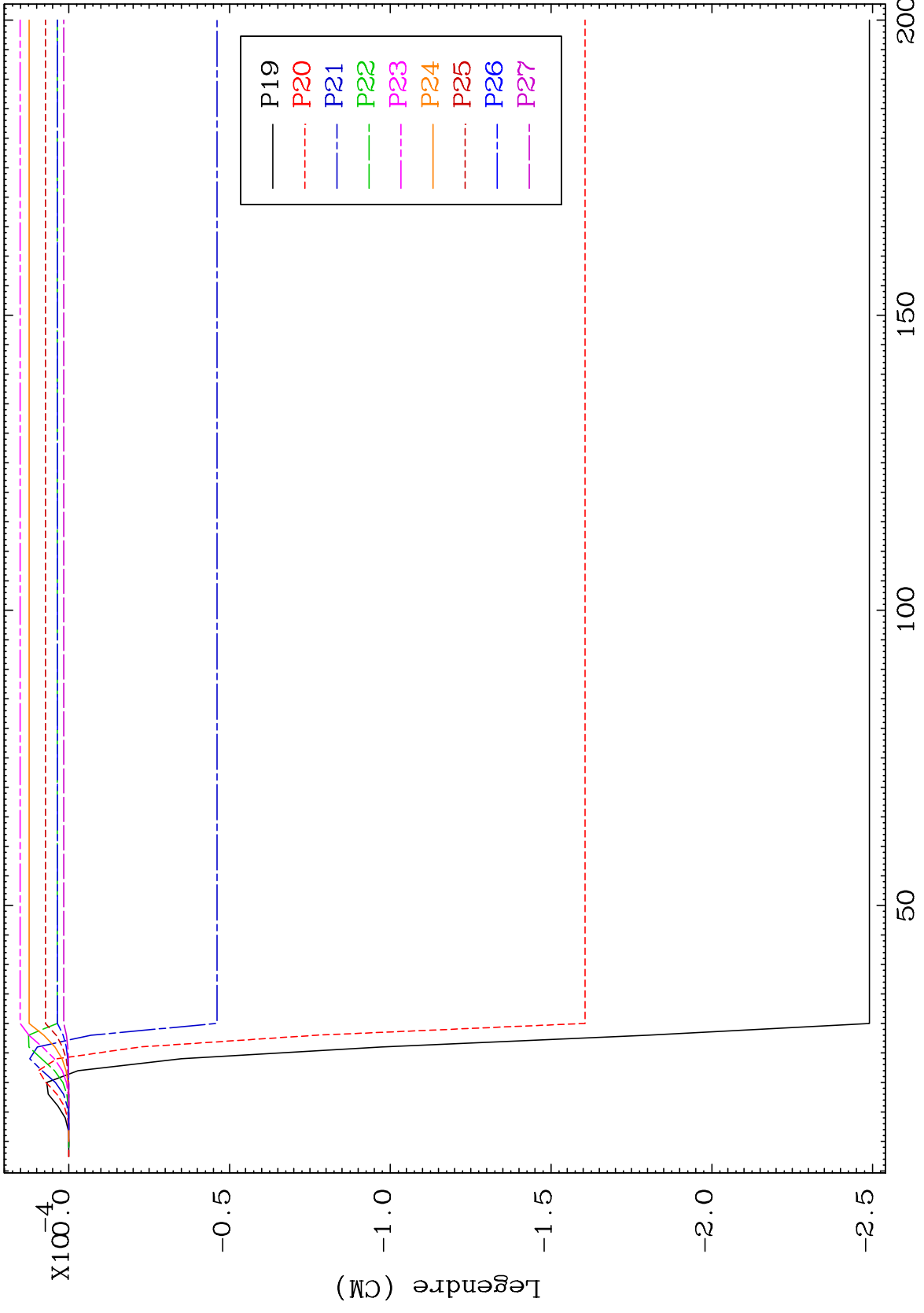
55-Cs-143

MAT 5555 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-143



57 55-Cs-143

MAT 5555 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-143

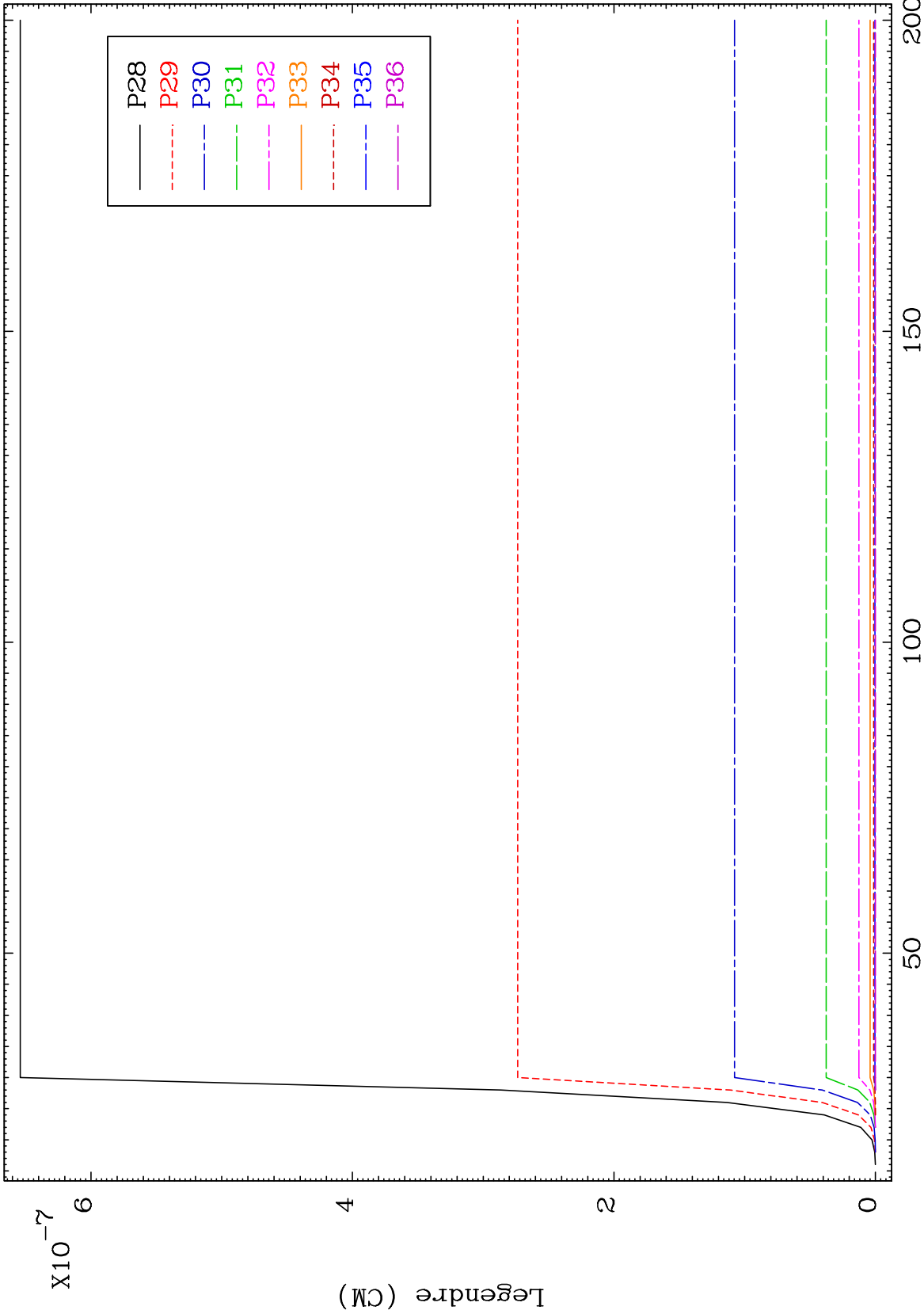


58 55-Cs-143

MAT 5555

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

55-Cs-143



59

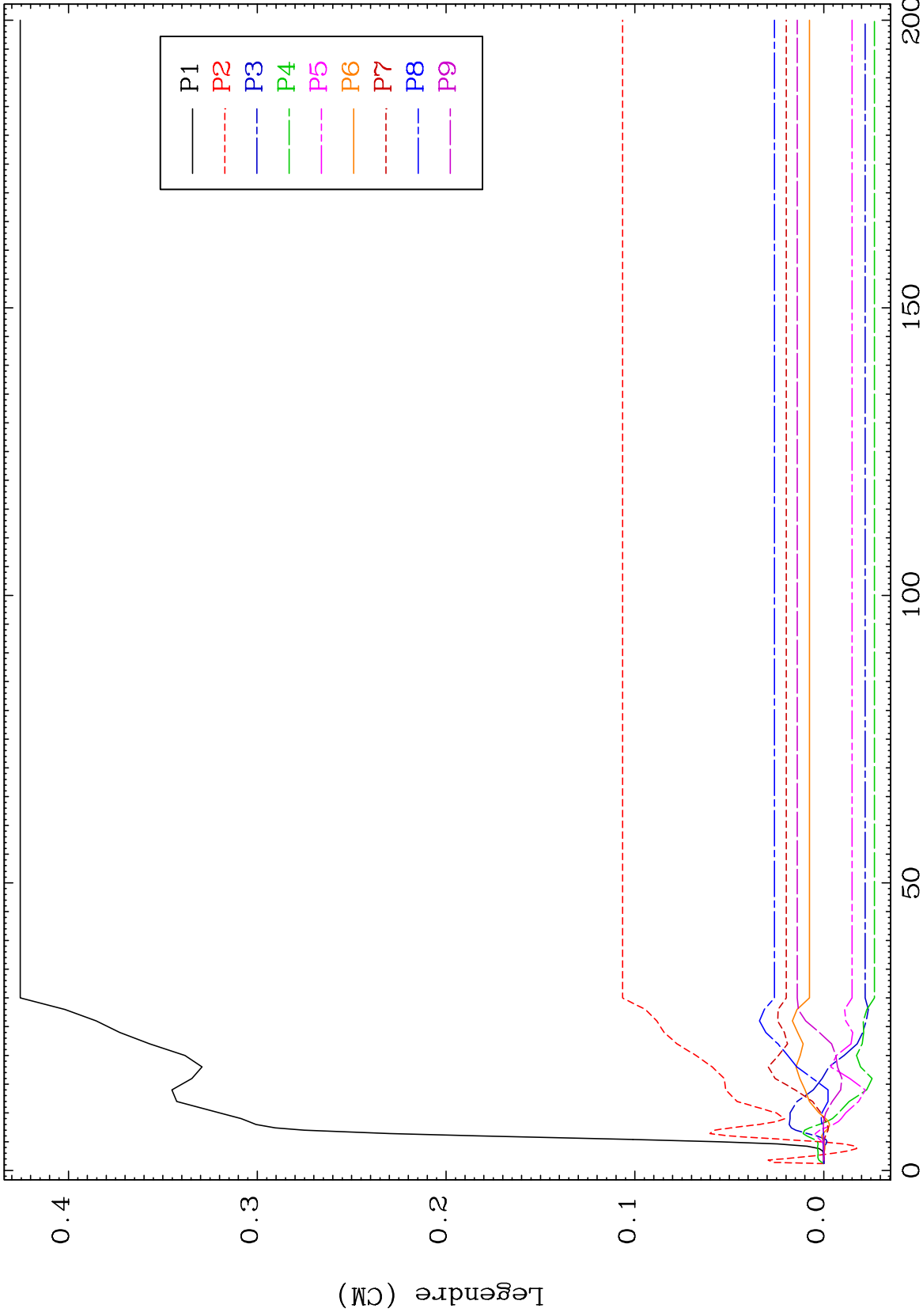
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143

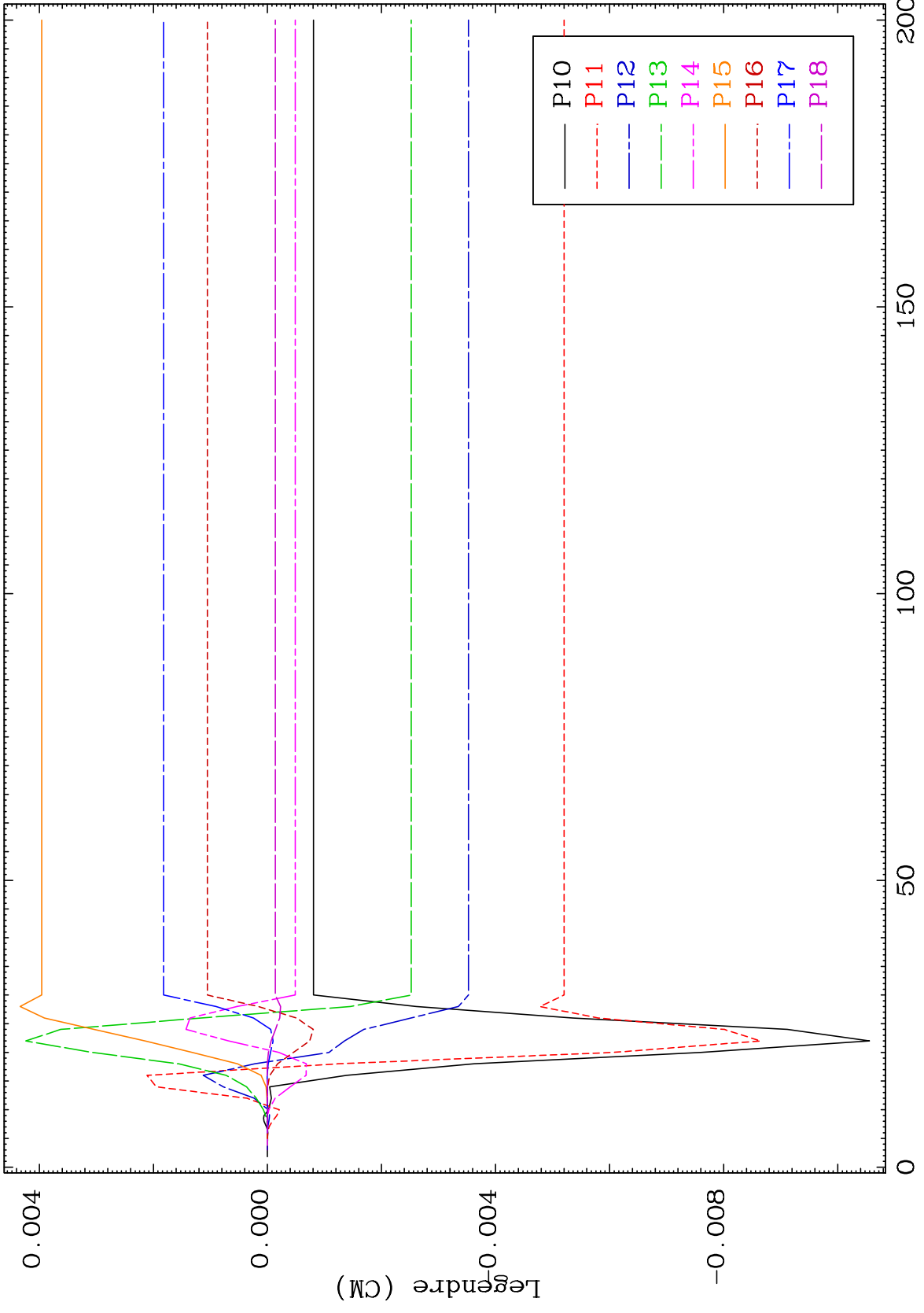


60

Incident Energy (MeV)

55-Cs-143

MAT 5555 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-143

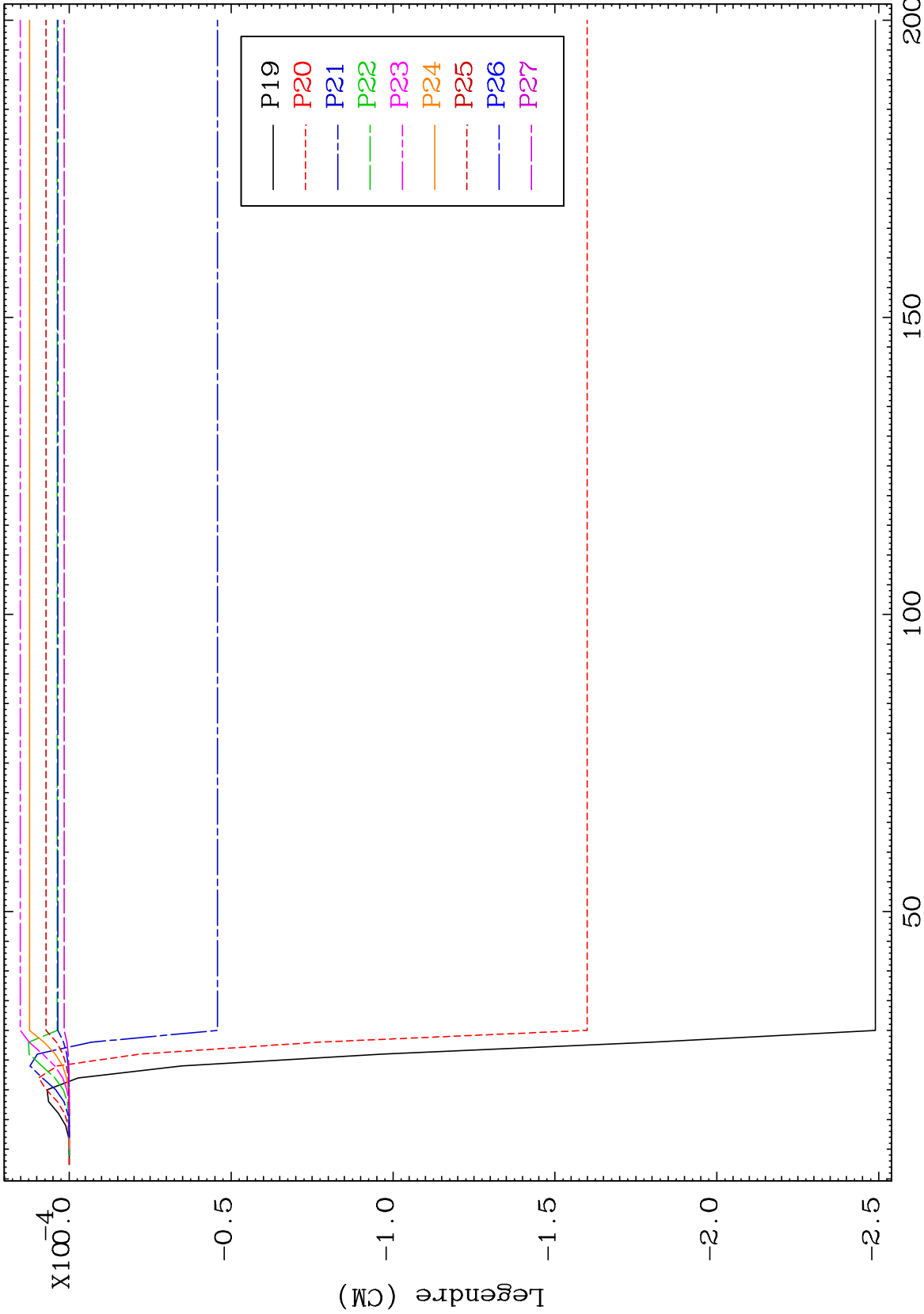


61 55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

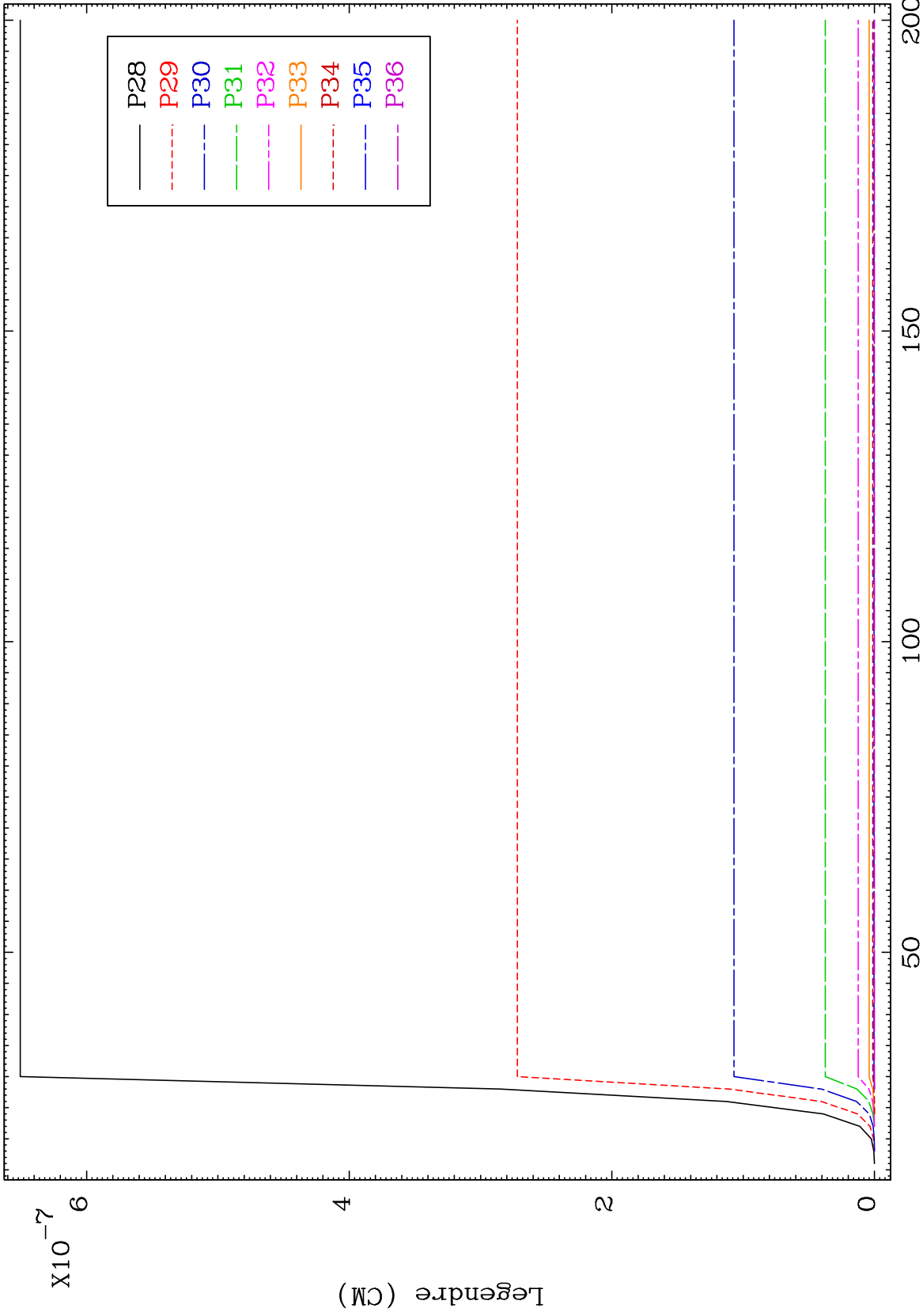
Incident Energy (MeV)

62

MAT 5555

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

55-Cs-143



63

Incident Energy (MeV)

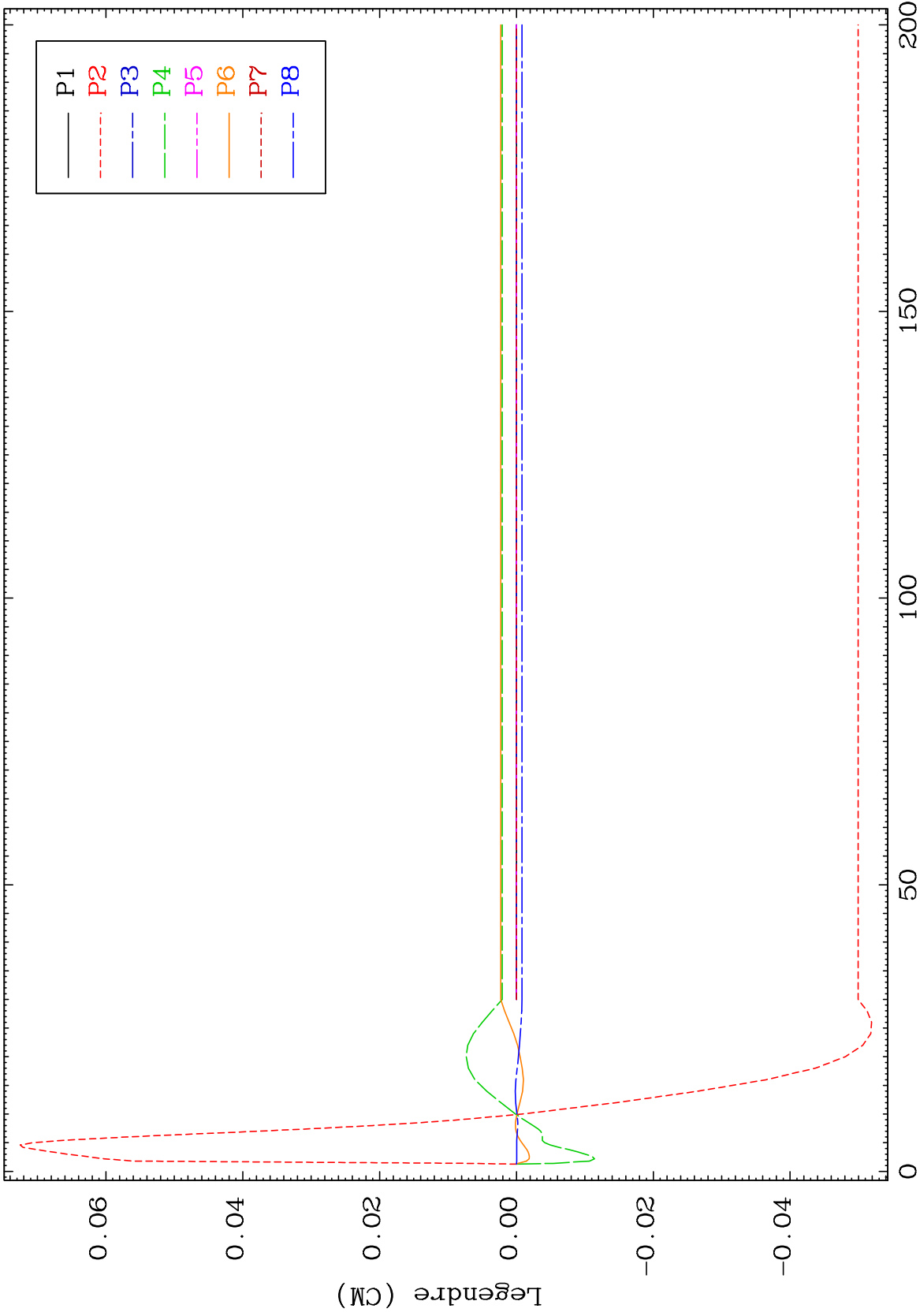
55-Cs-143



MAT 5555

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

55-Cs-143



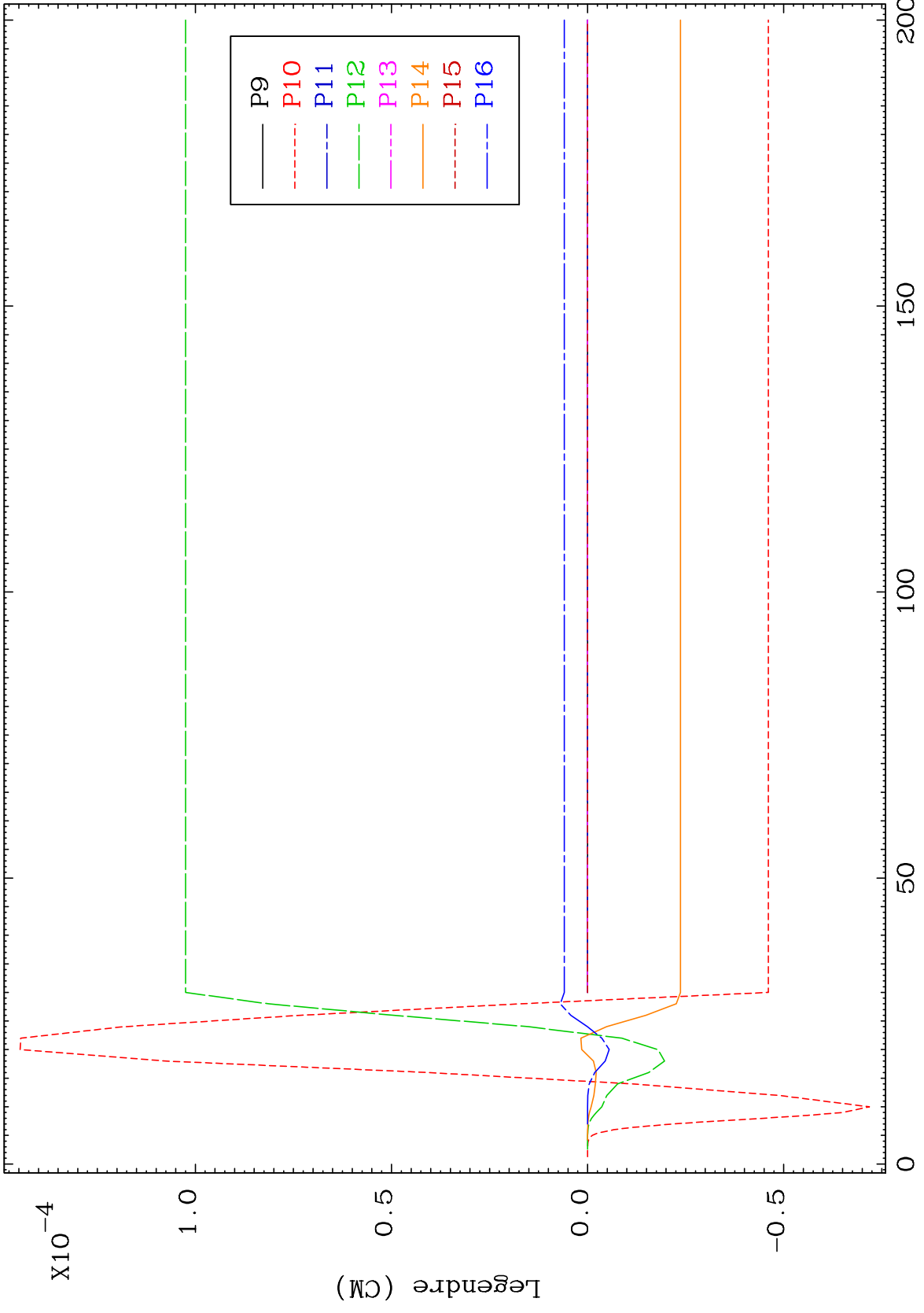
64

55-Cs-143

MAT 5555

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

55-Cs-143



65

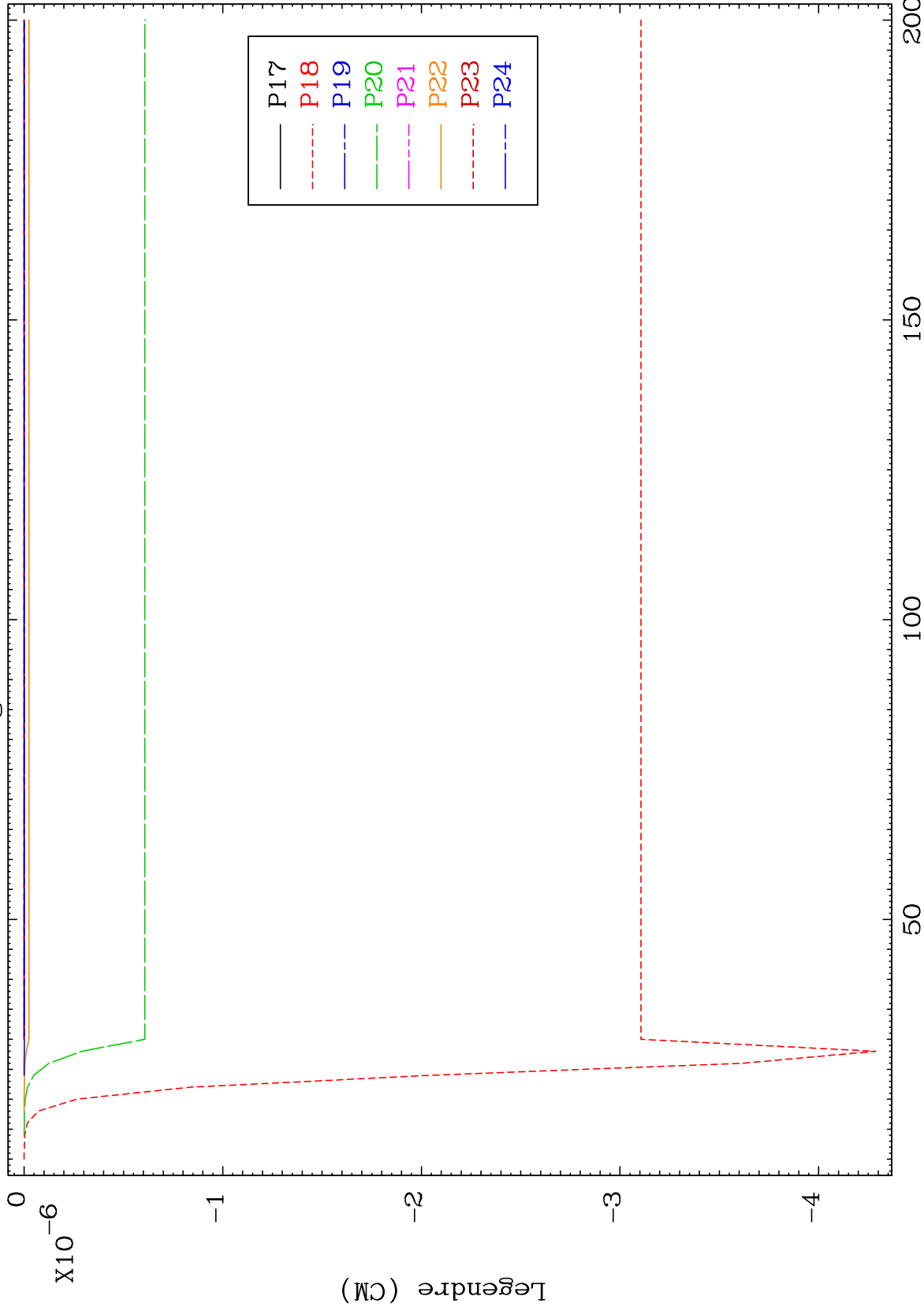
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



66

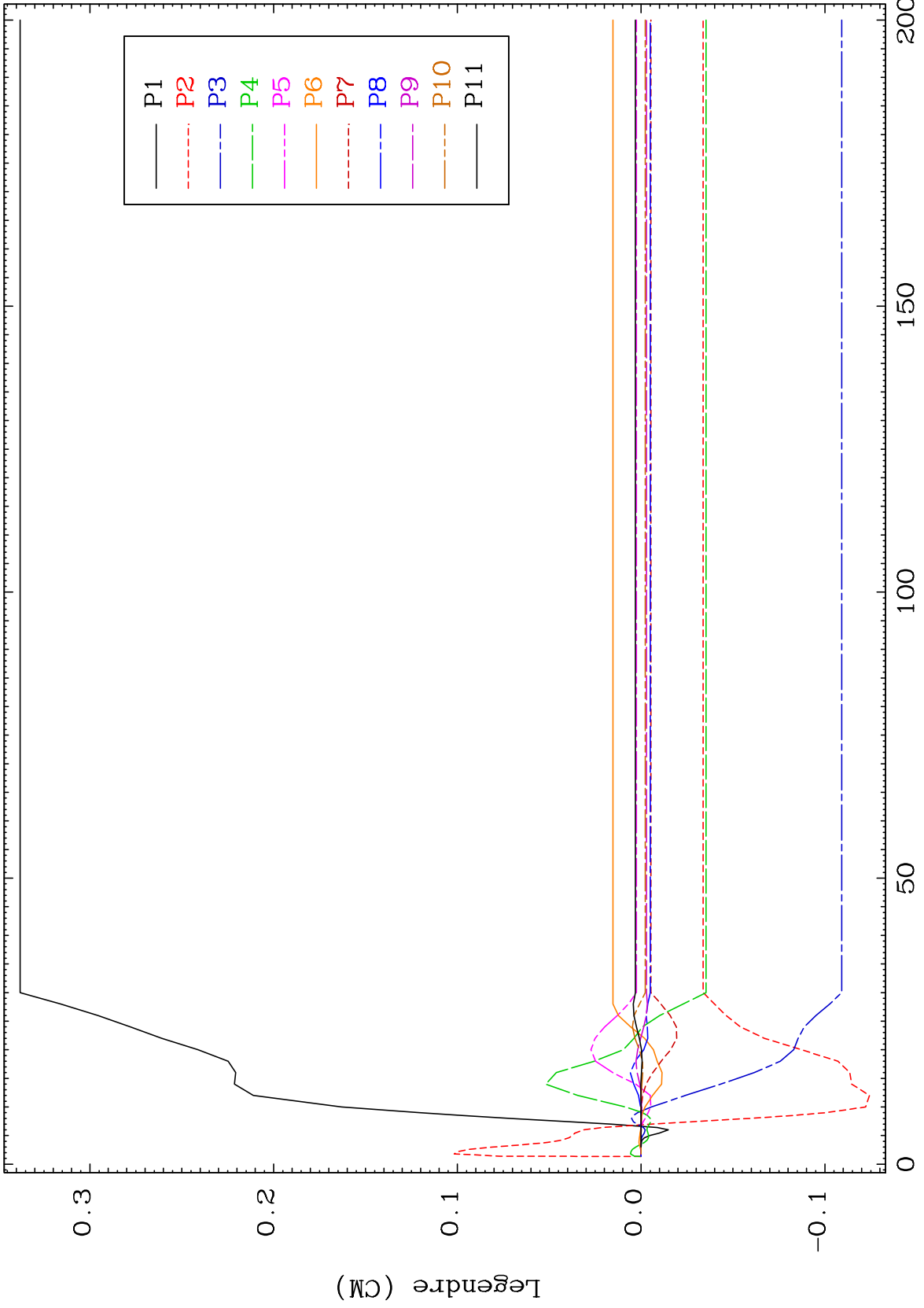
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



67

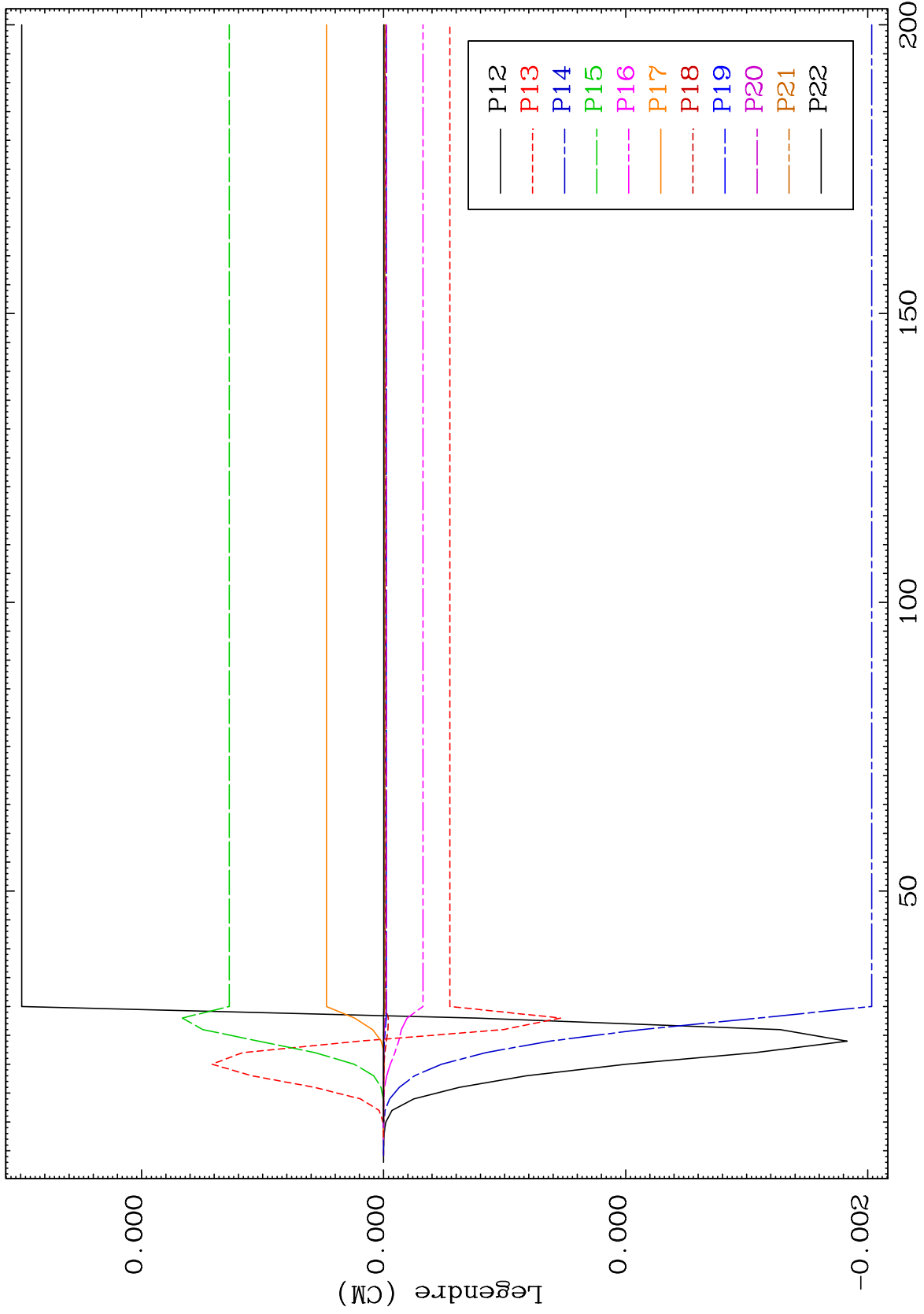
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



68

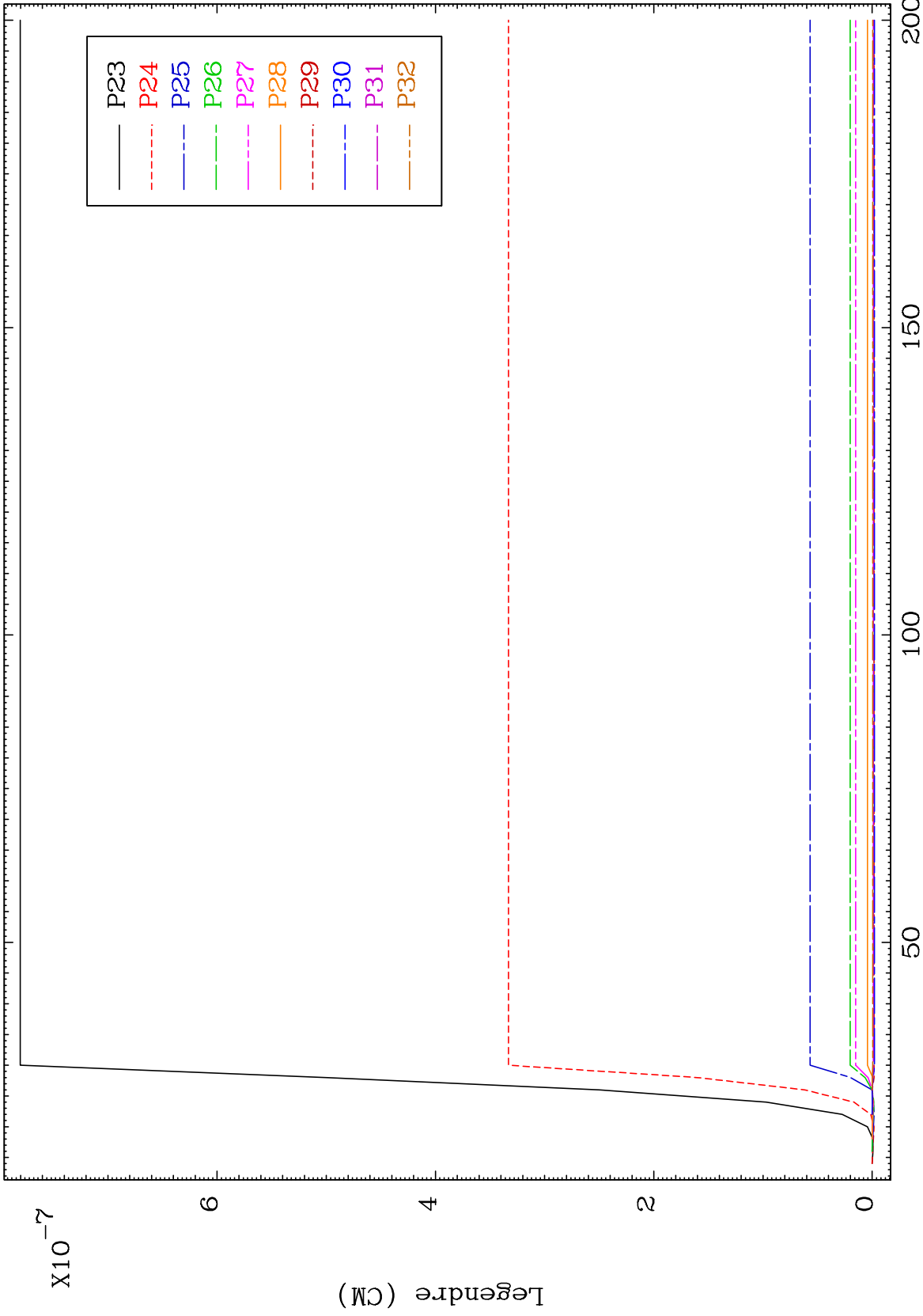
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



69

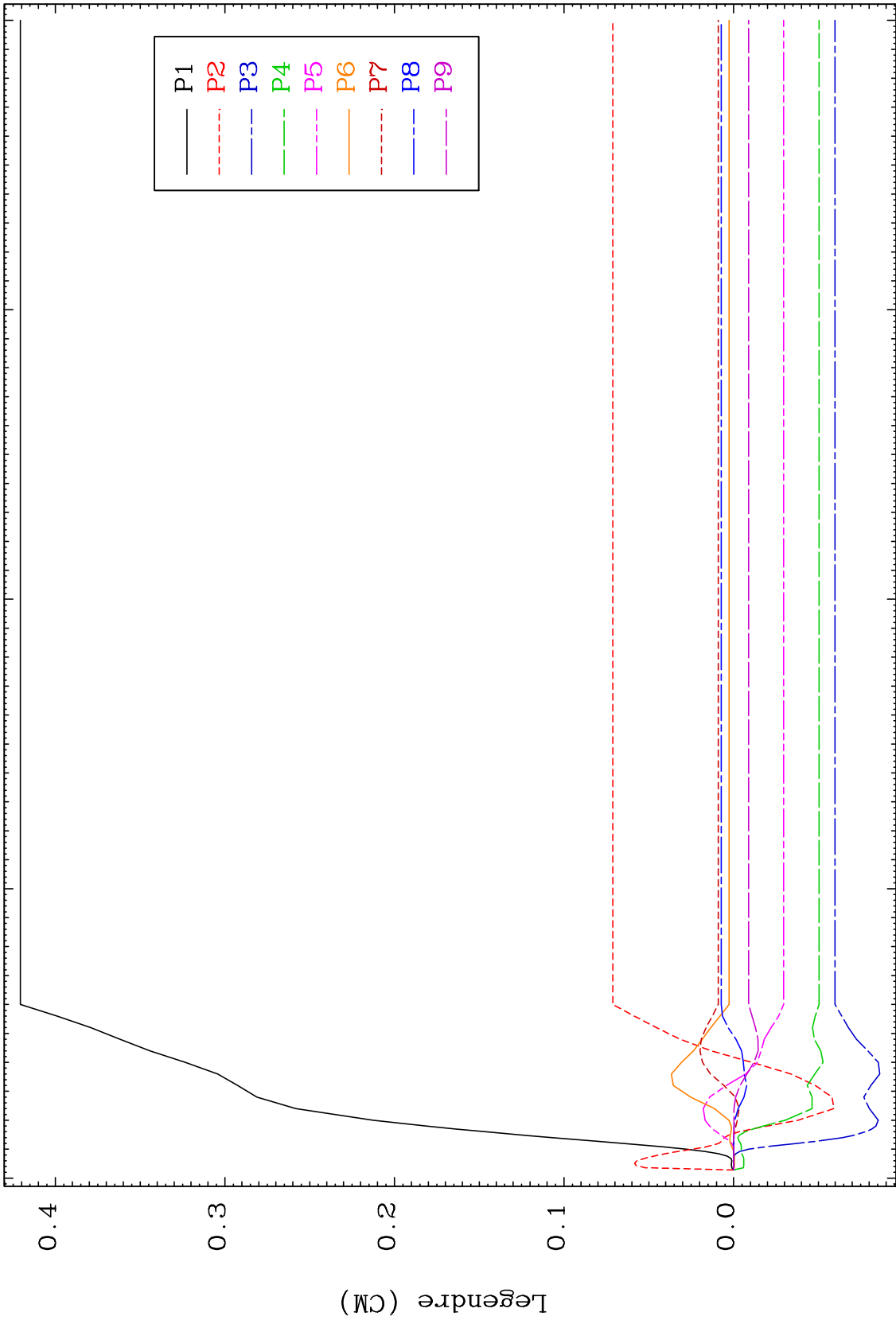
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



70

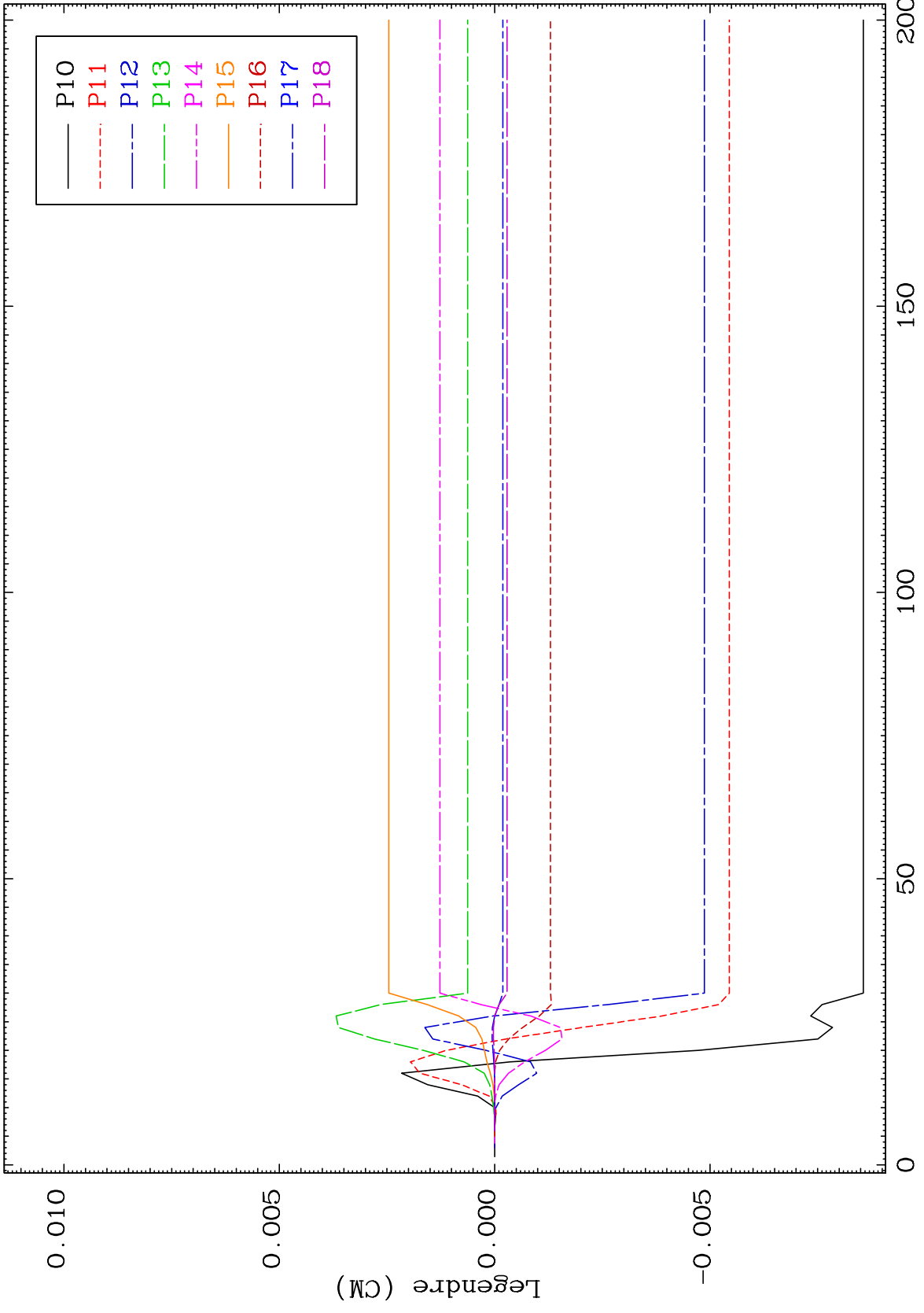
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



71

Incident Energy (MeV)

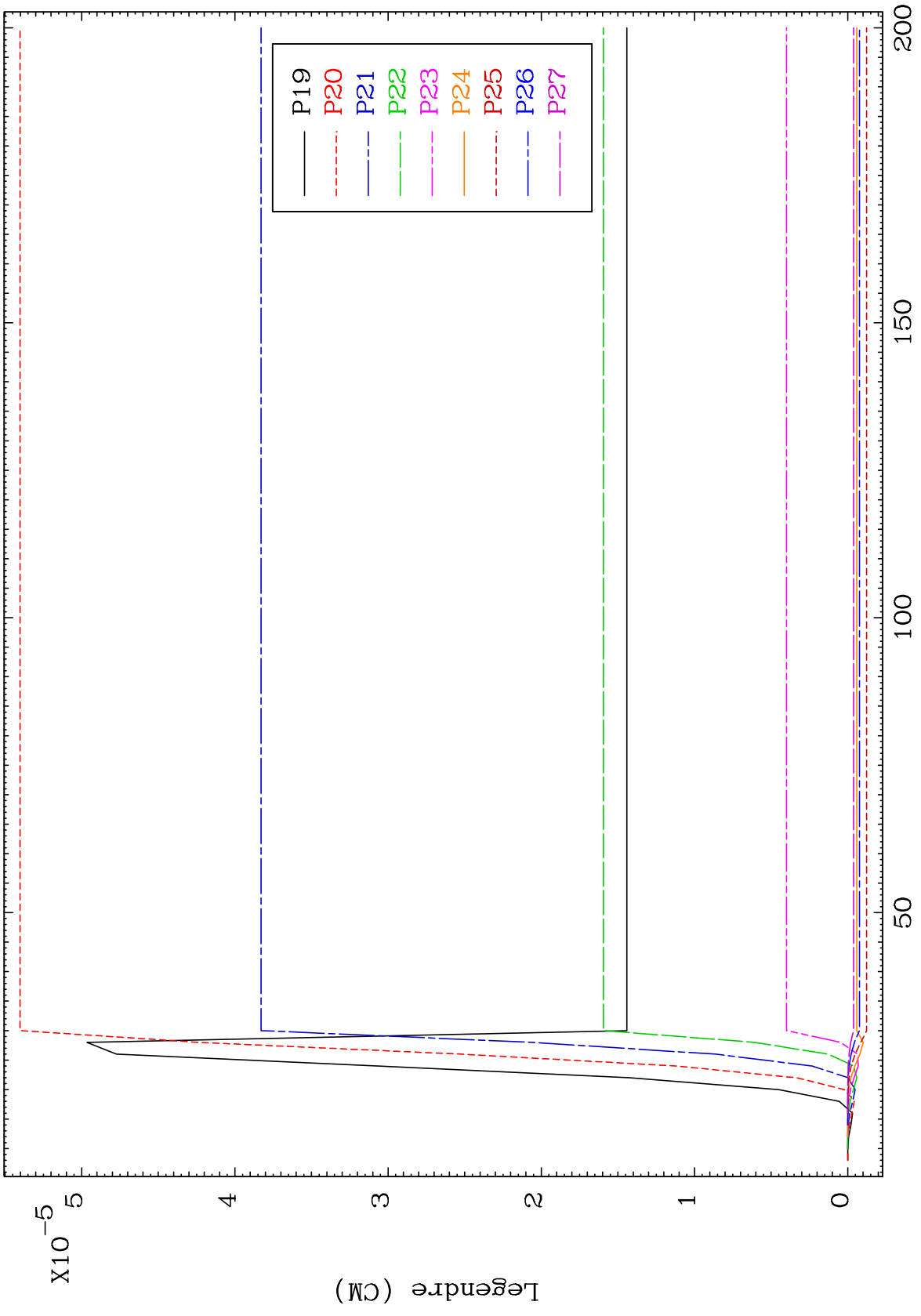
55-Cs-143



MAT 5555

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

55-Cs-143



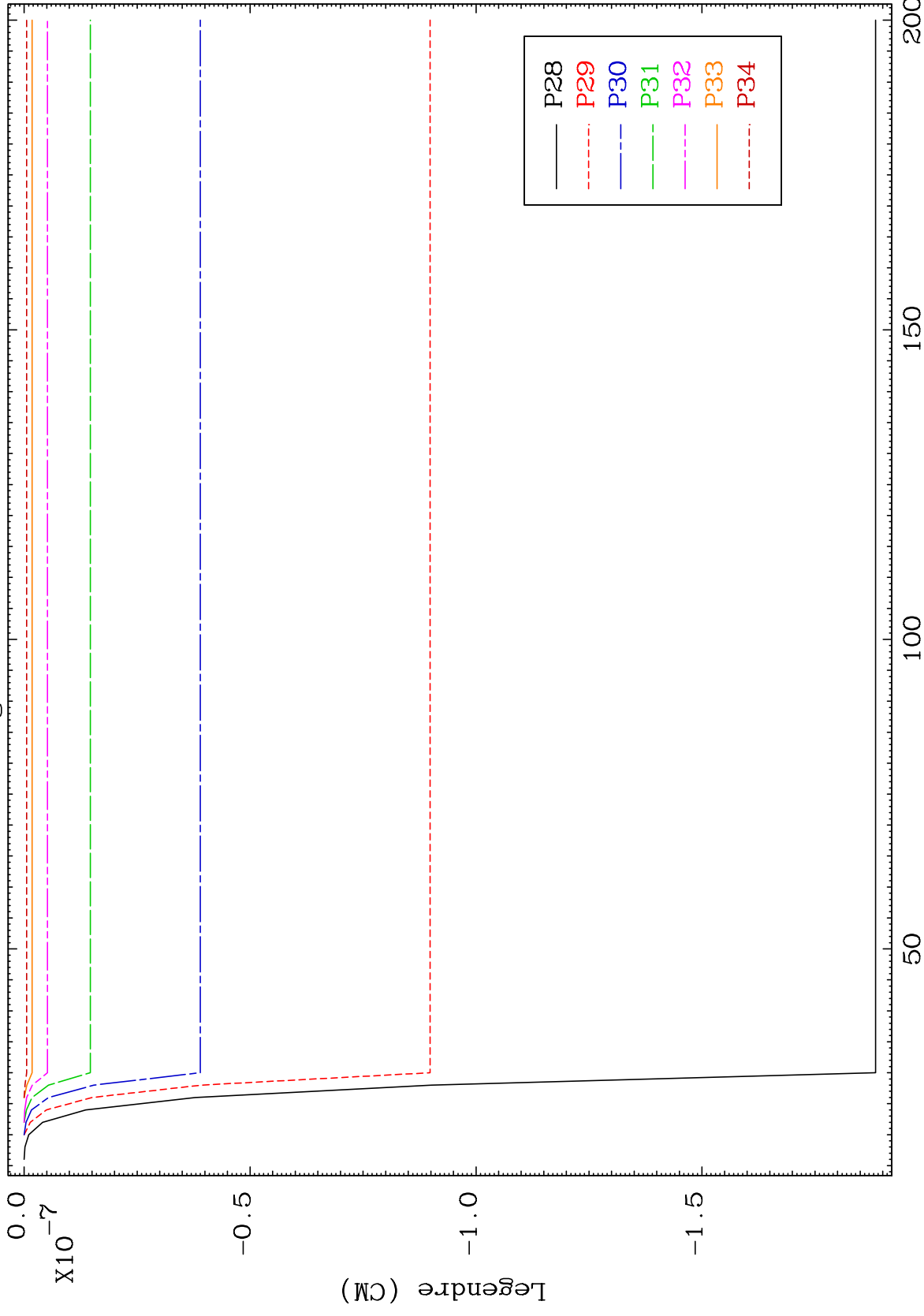
72

55-Cs-143

MAT 5555

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

55-Cs-143



73

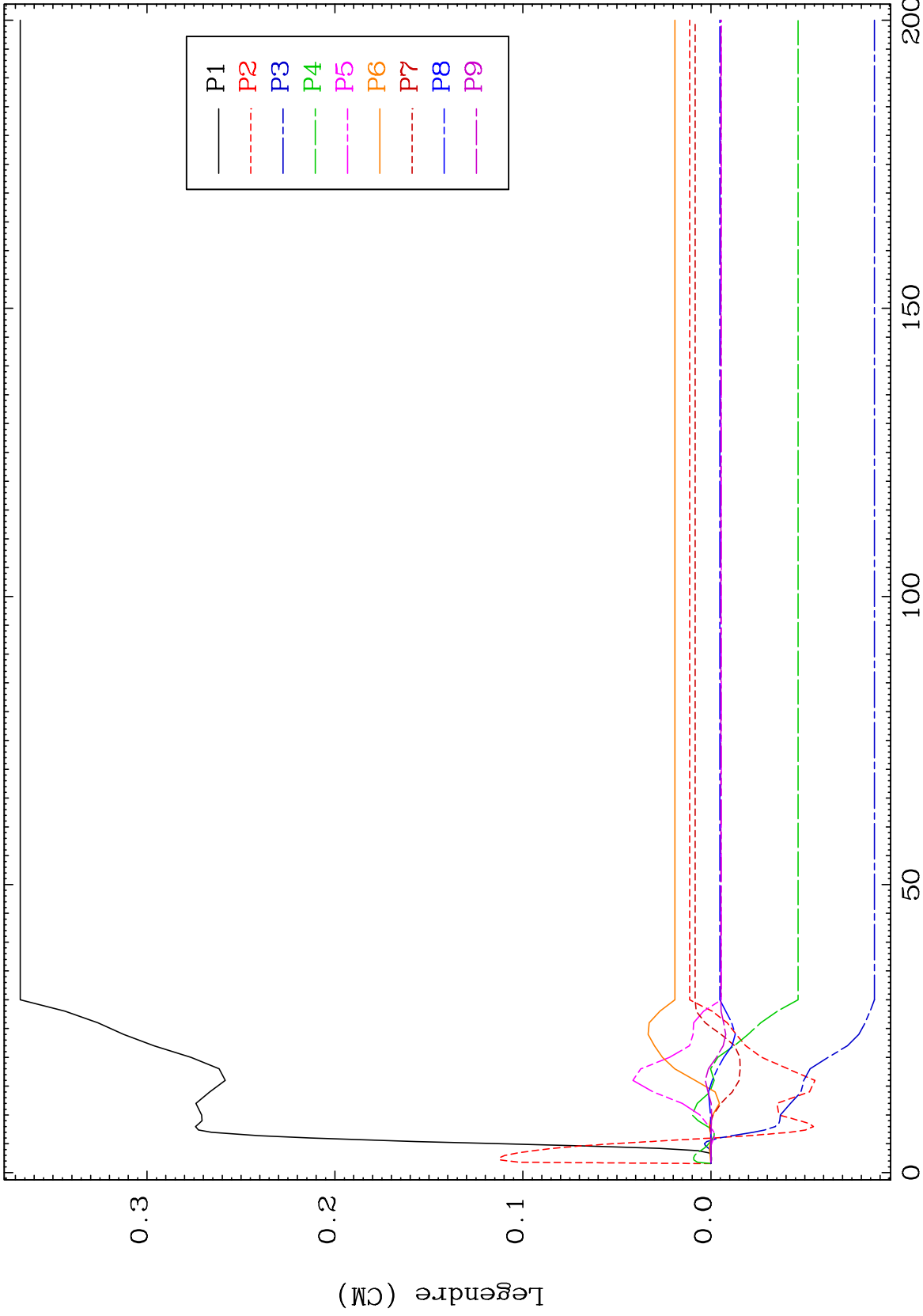
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



74

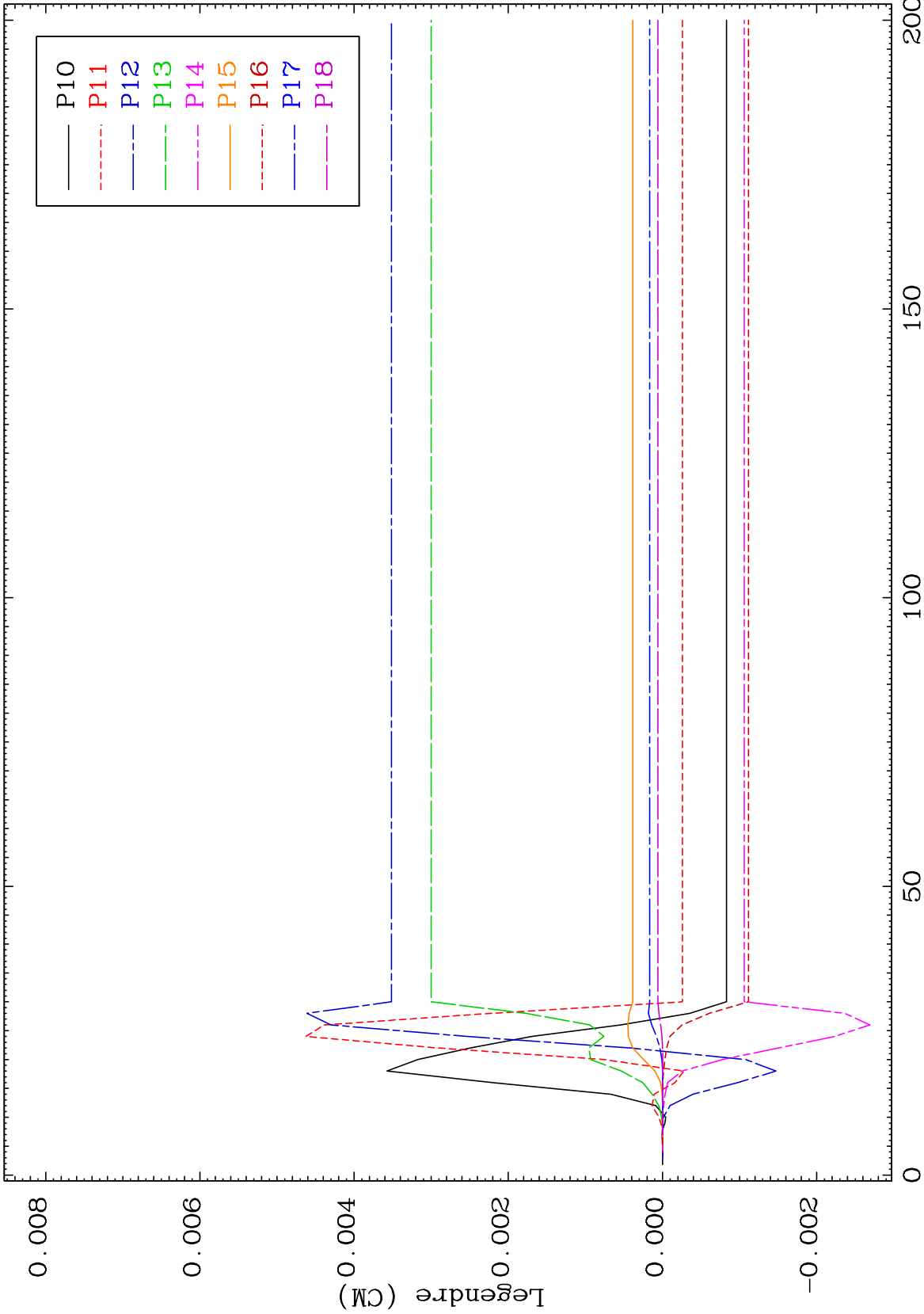
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



75

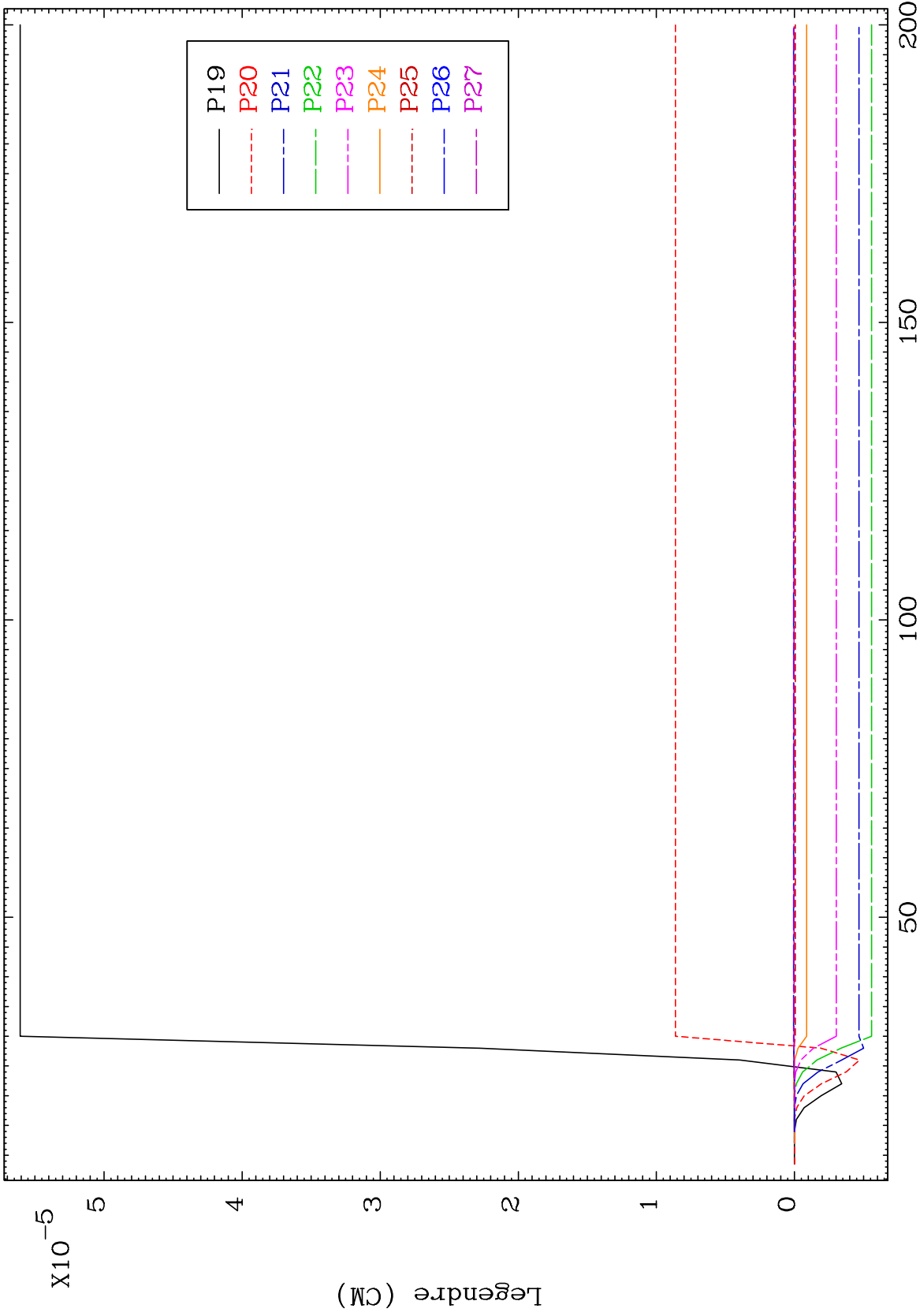
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



76

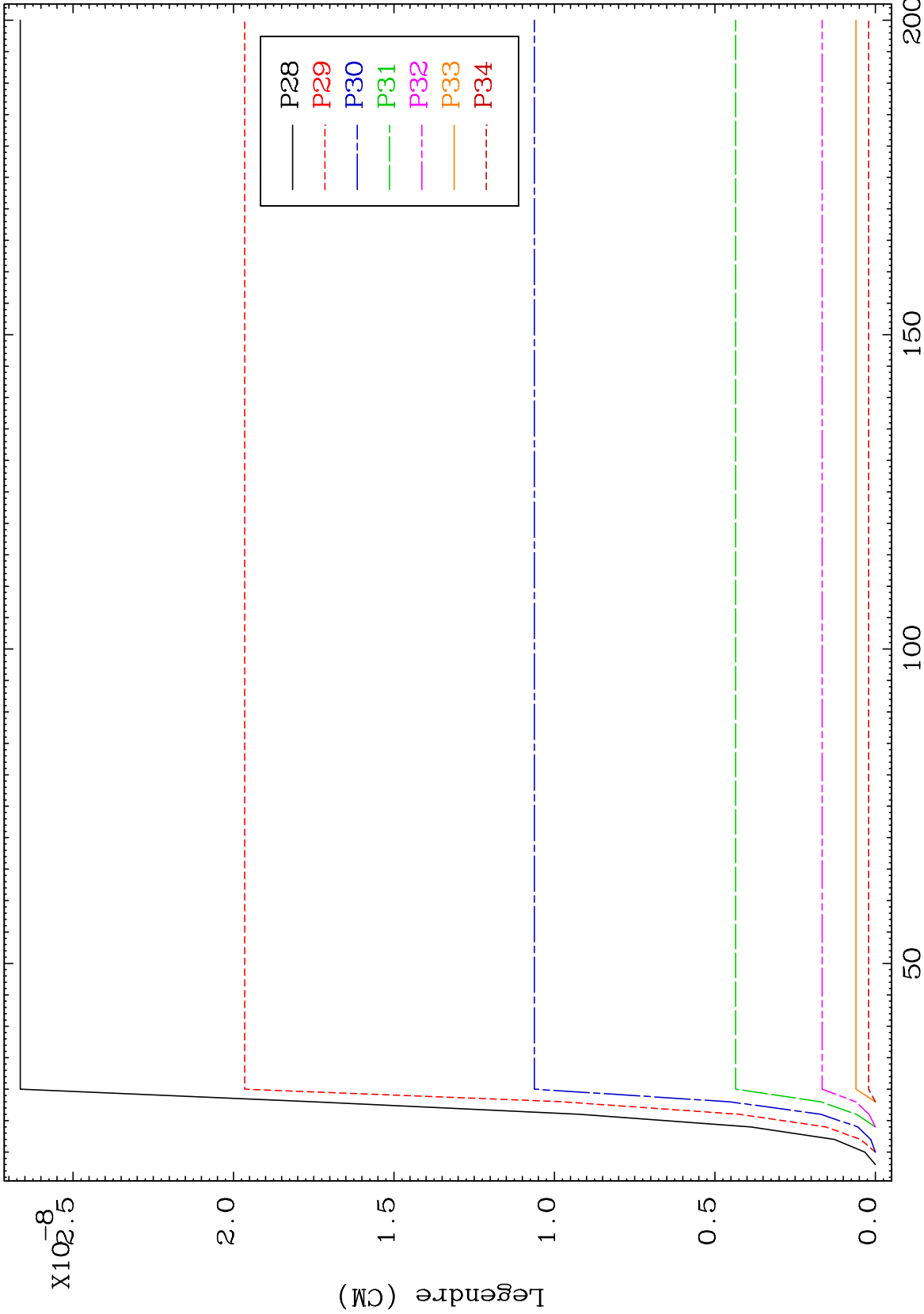
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



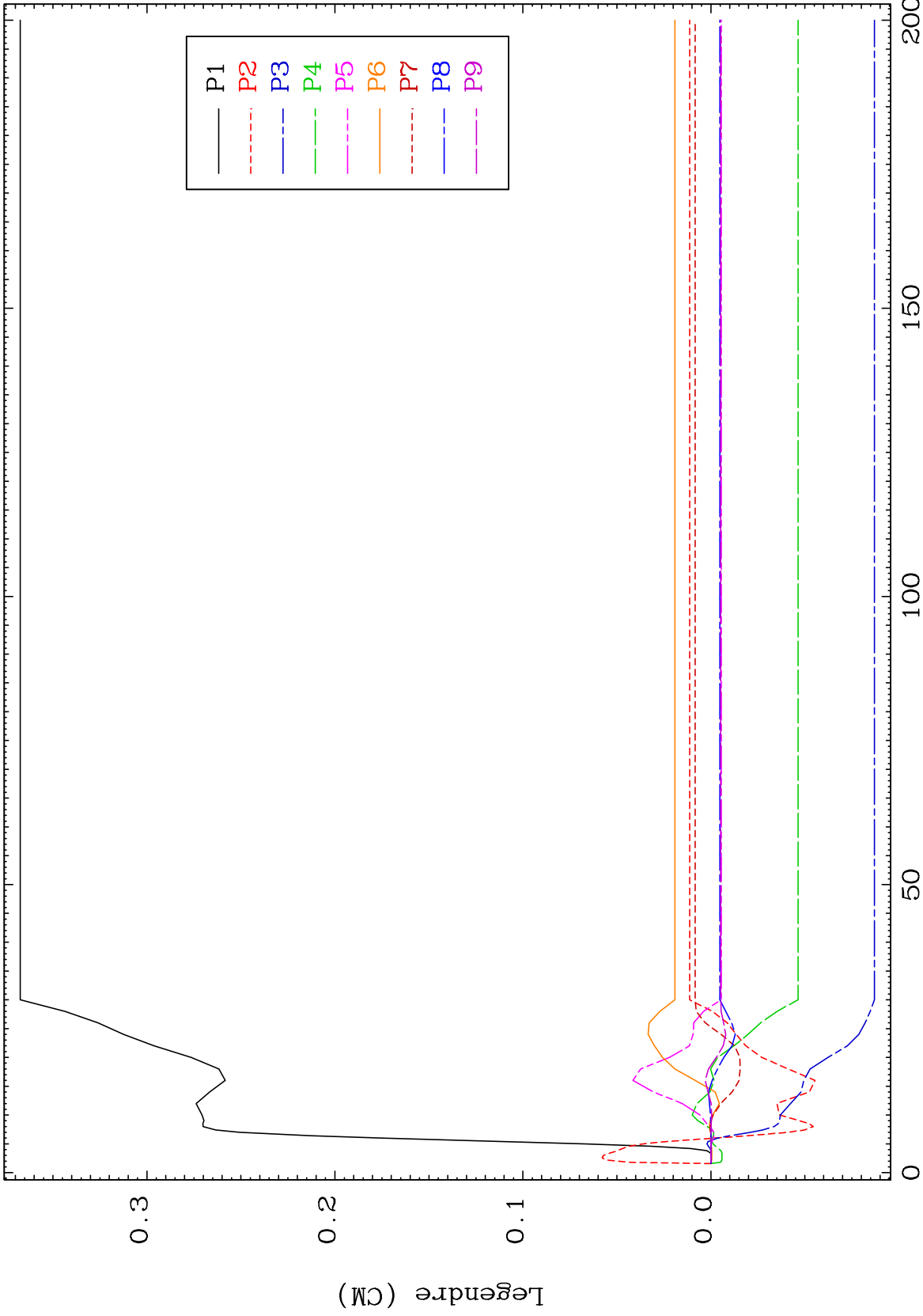
77

55-Cs-143

MAT 5555

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

55-Cs-143



78

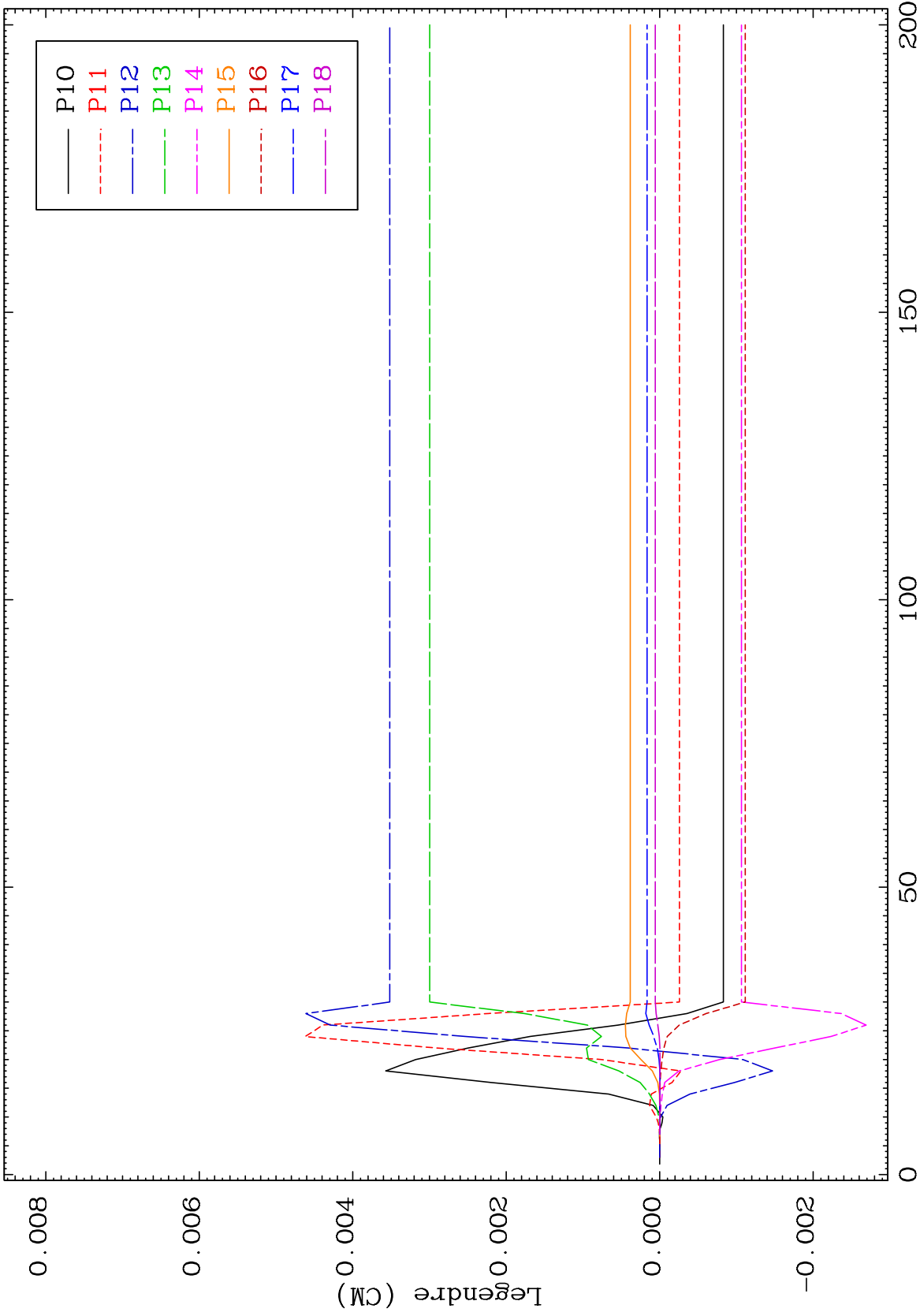
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



79

Incident Energy (MeV)

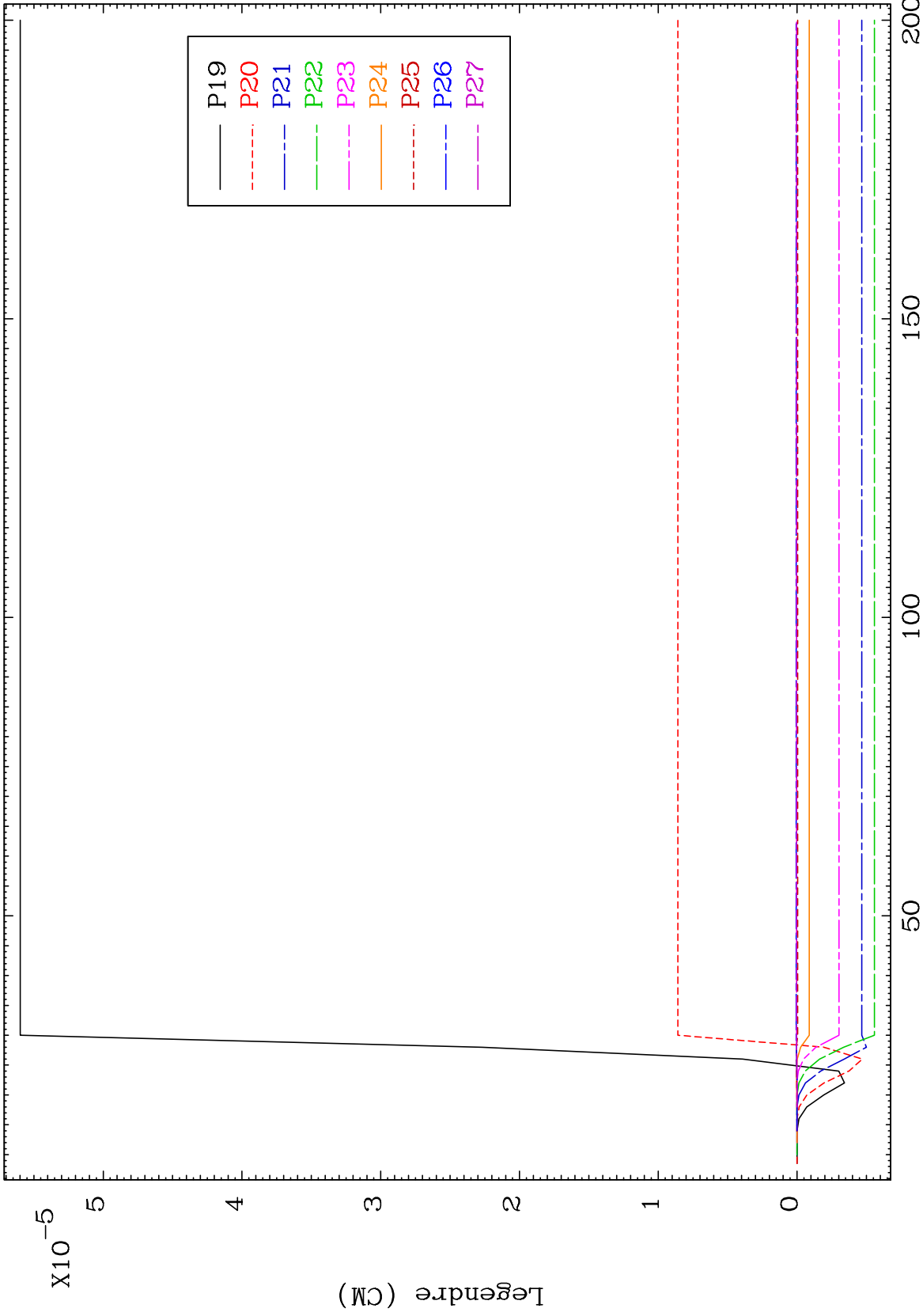
55-Cs-143



MAT 5555

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

55-Cs-143



80

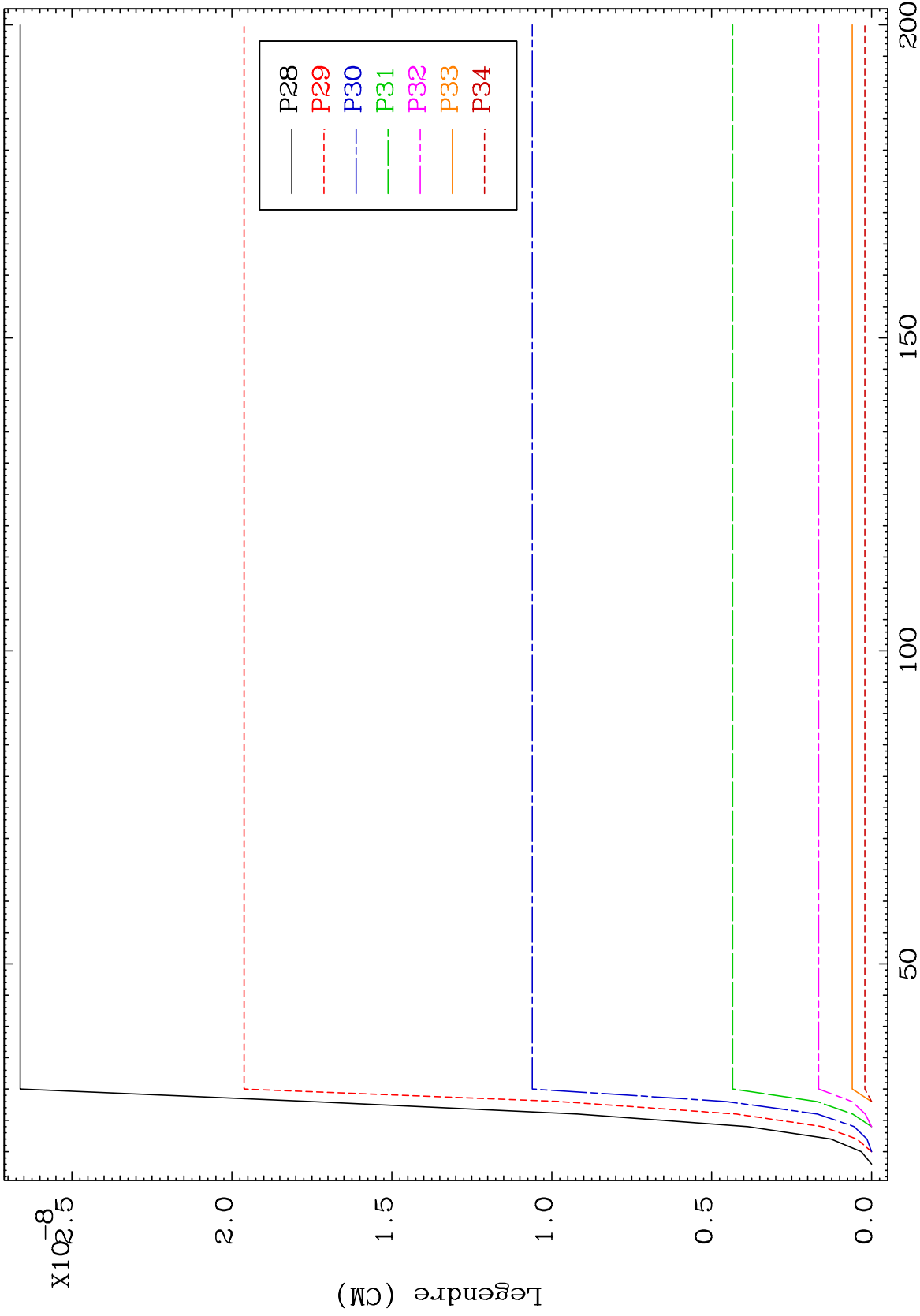
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



81

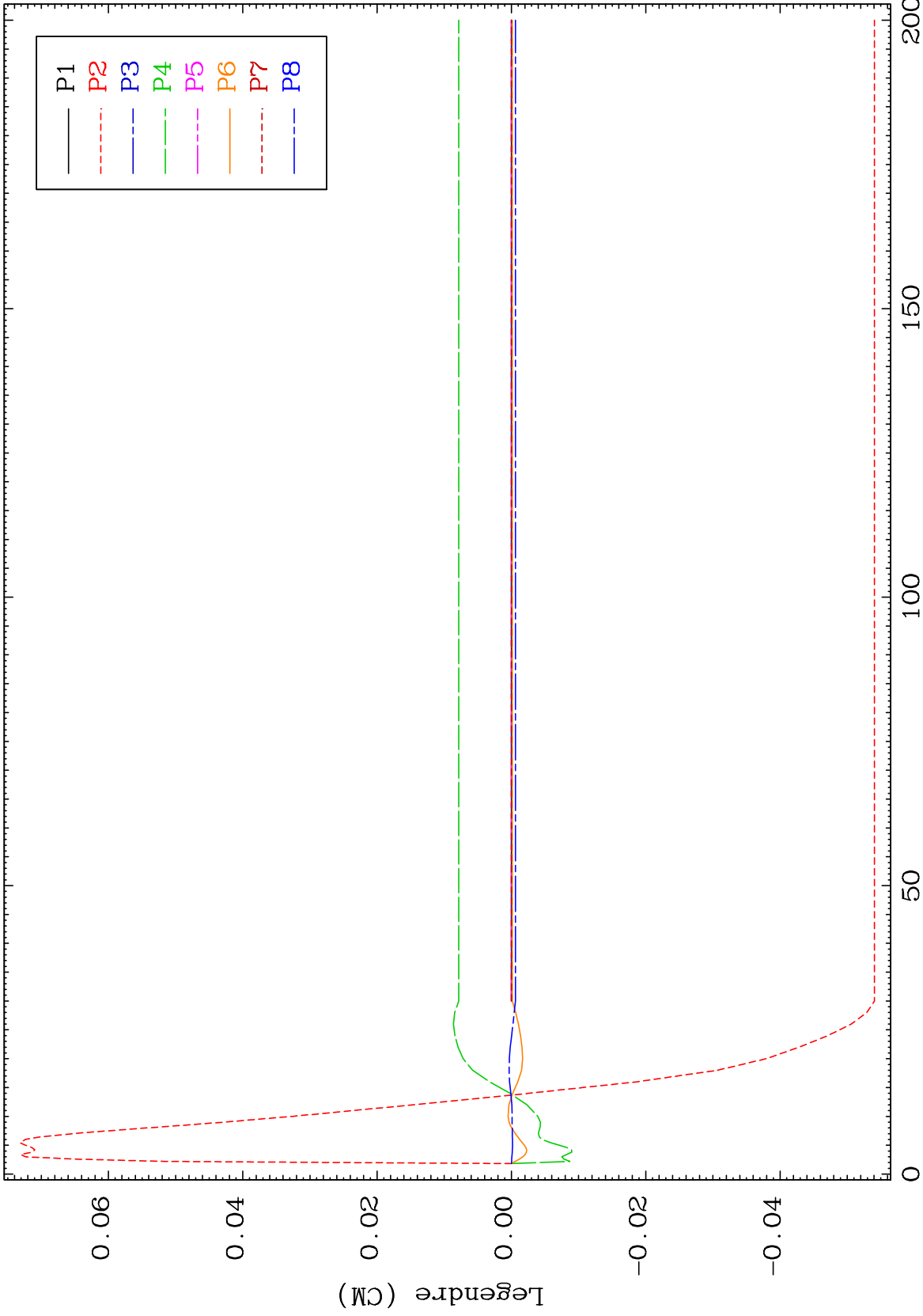
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143

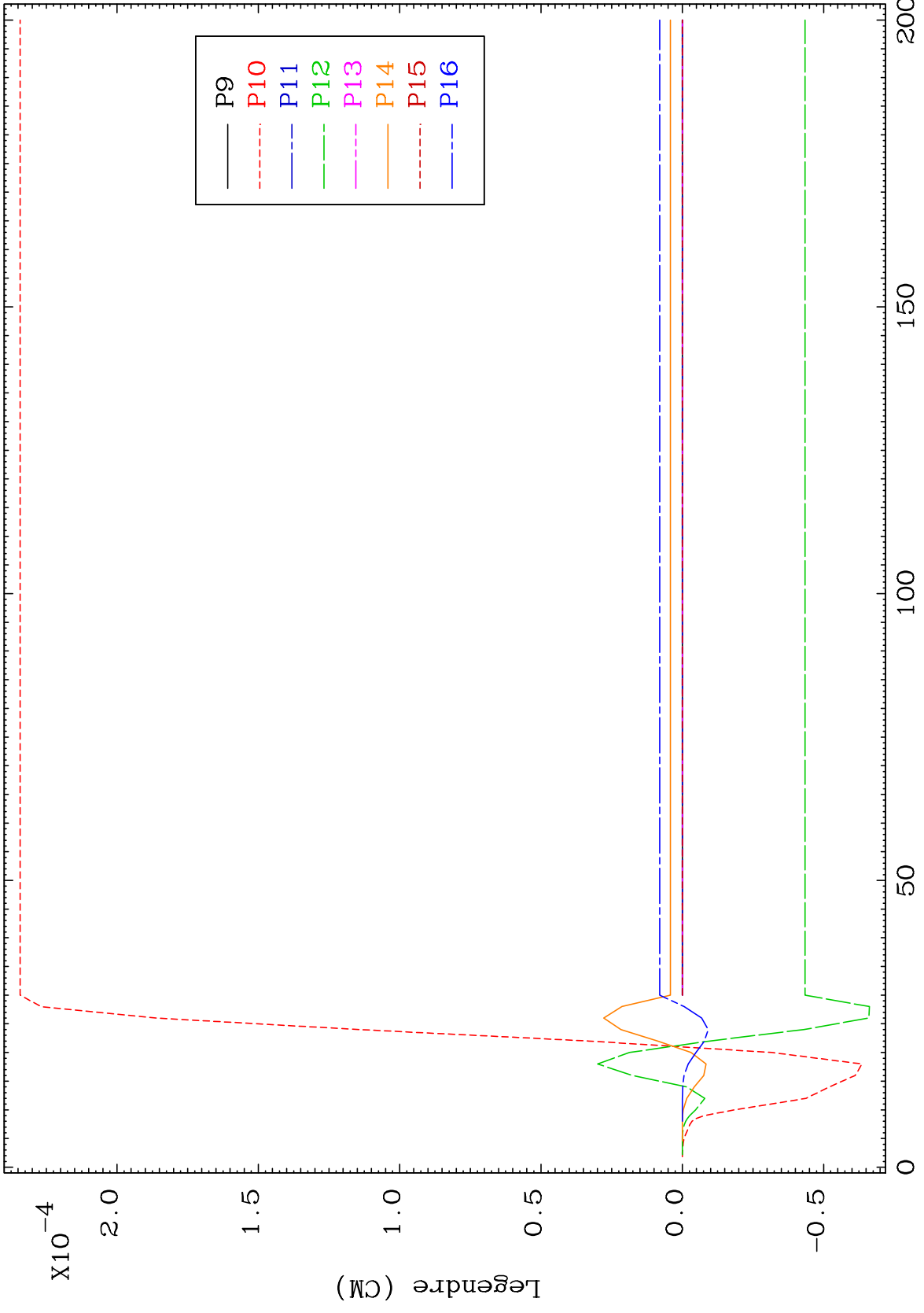


82

Incident Energy (MeV)

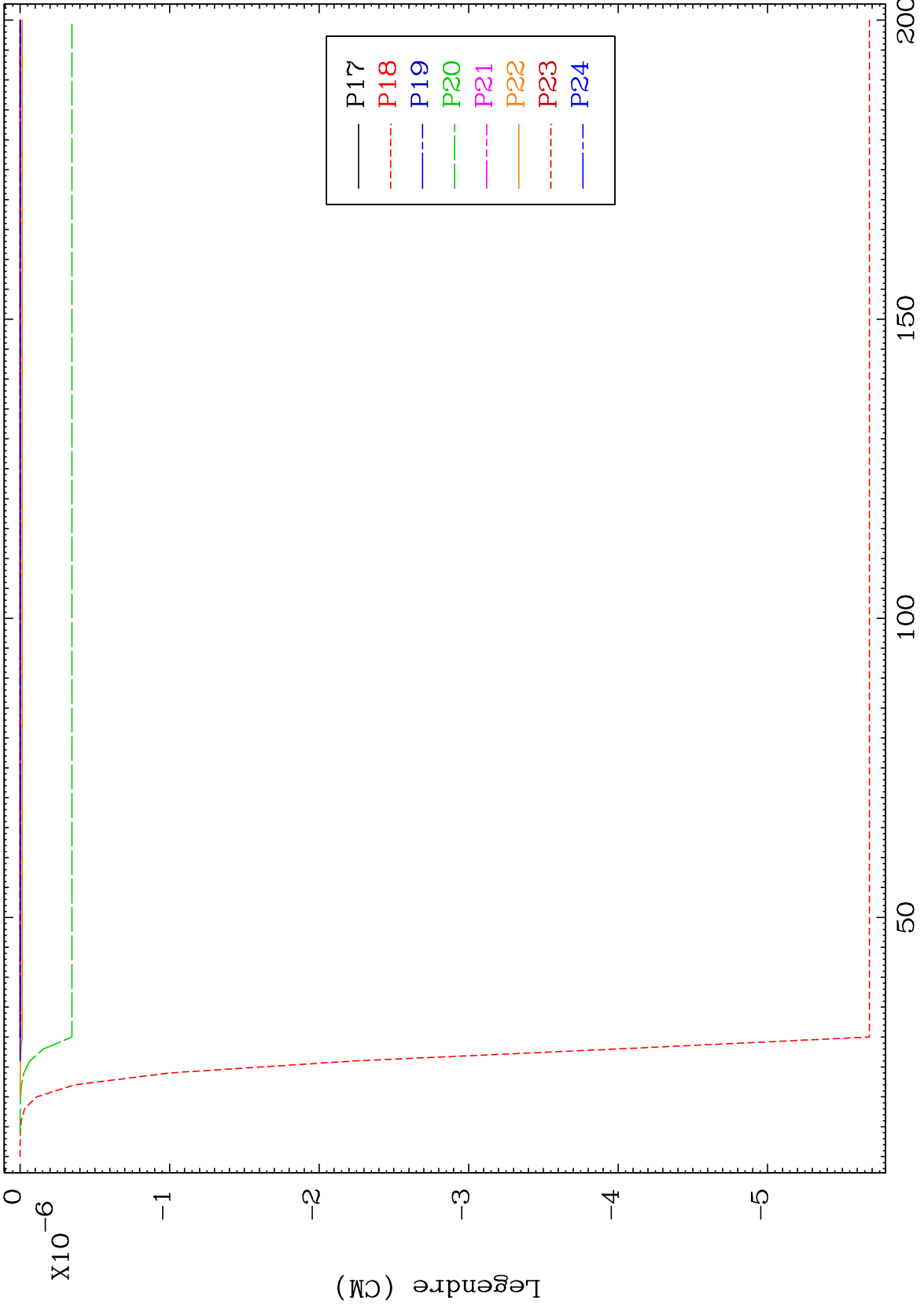
55-Cs-143

MAT 5555 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-143



83 55-Cs-143

MAT 5555 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-143

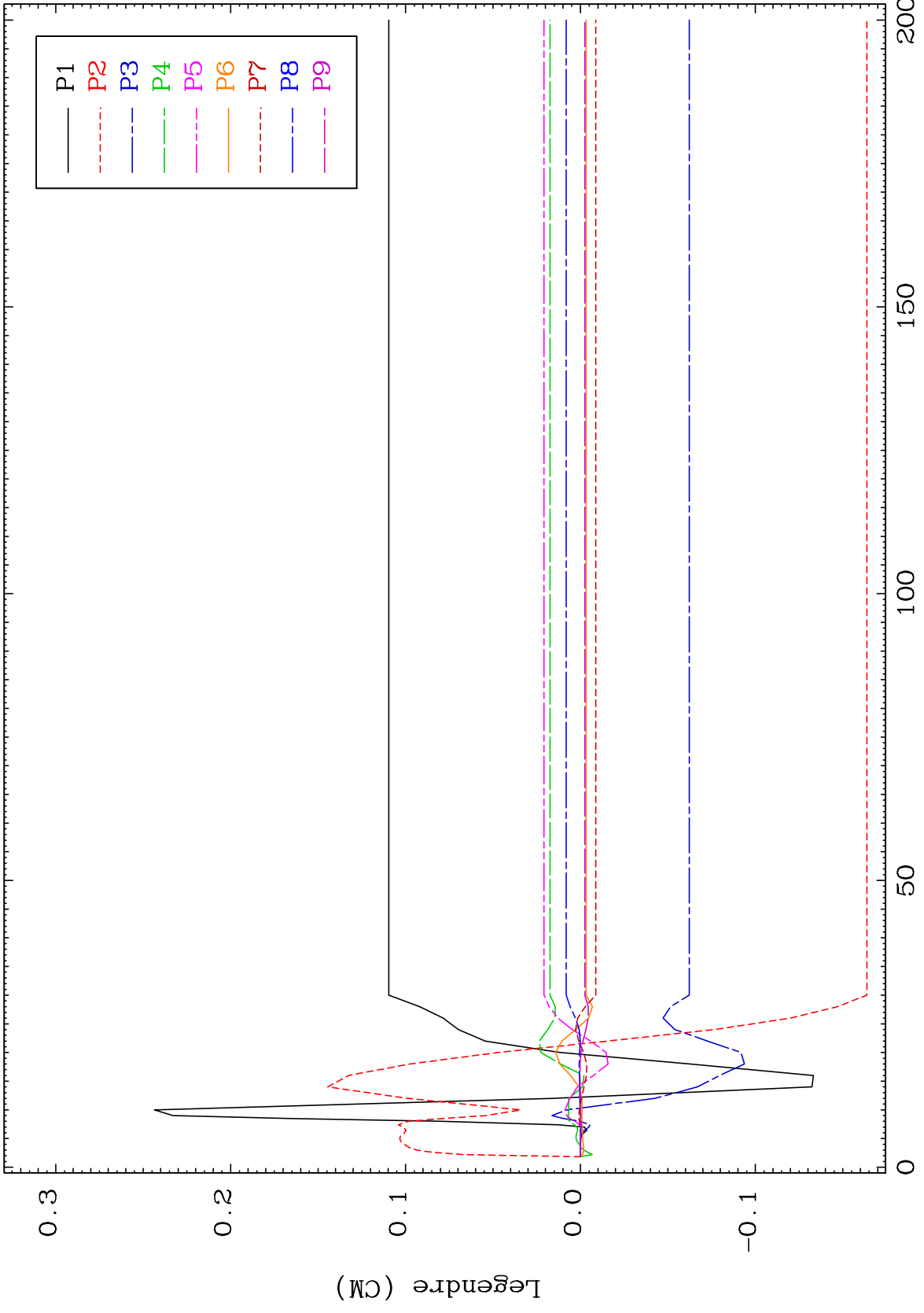


84 55-Cs-143

MAT 5555

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

55-Cs-143



85

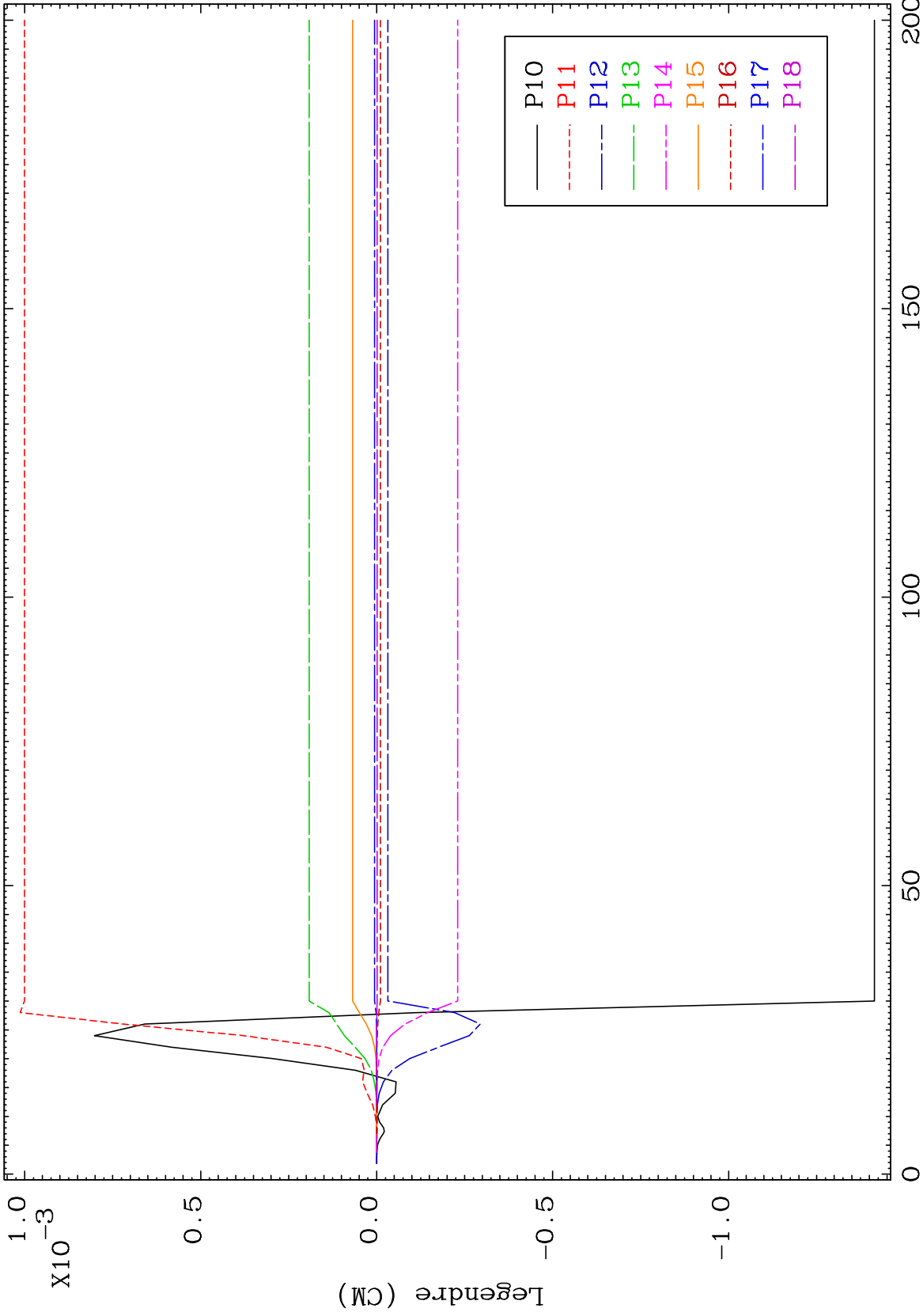
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143

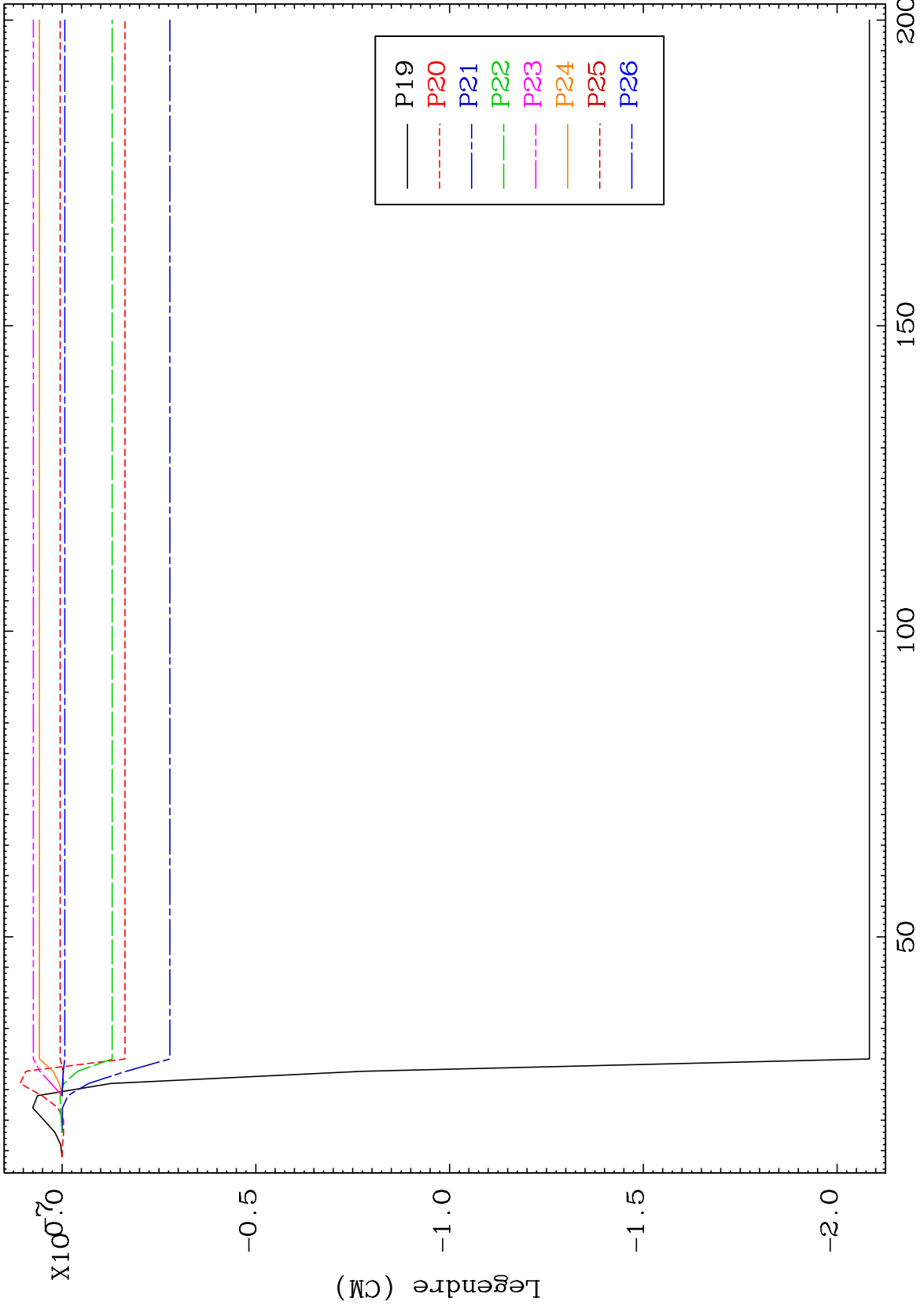


86

Incident Energy (MeV)

55-Cs-143

MAT 5555 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-143



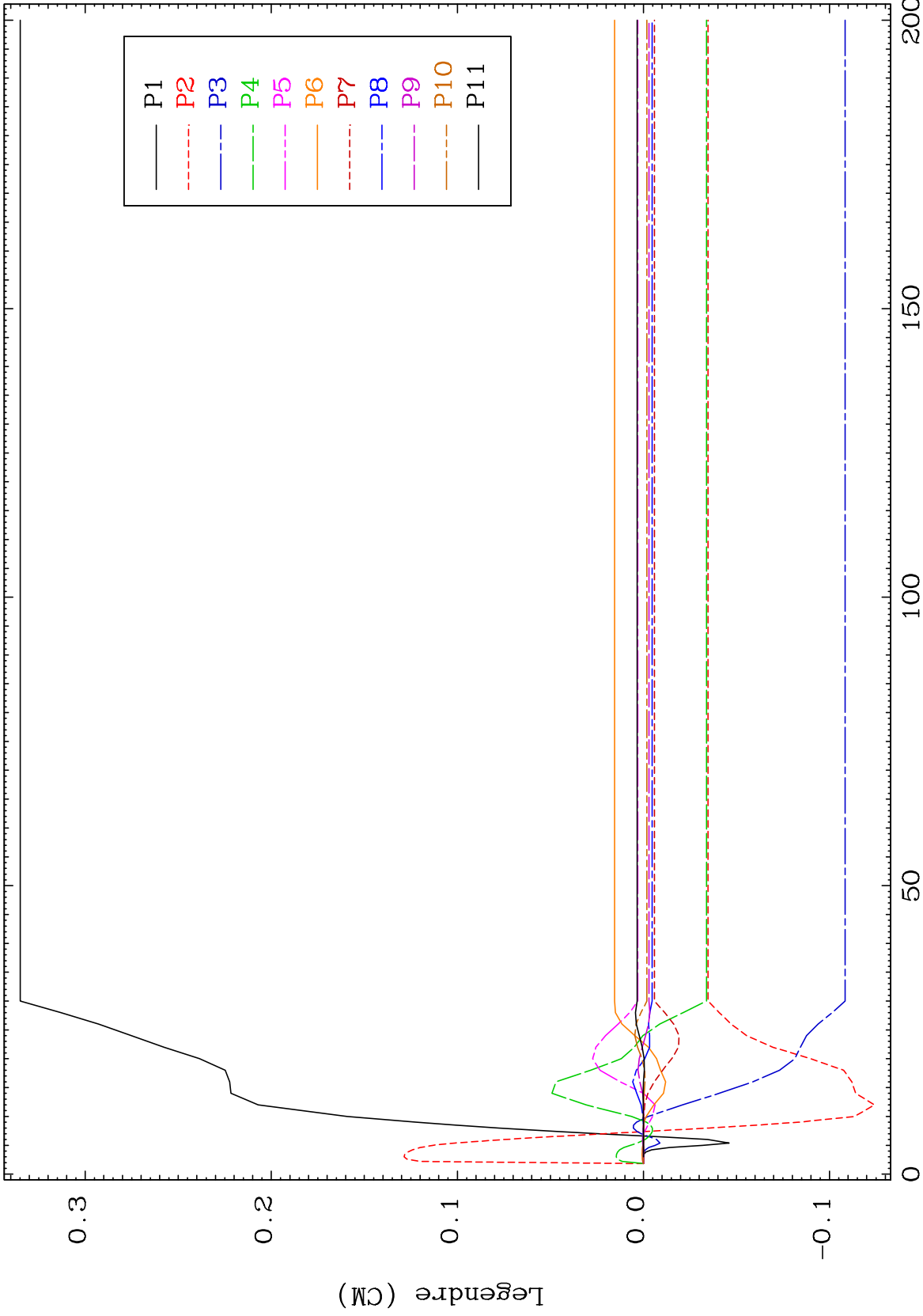
87 55-Cs-143



MAT 5555

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

55-Cs-143



88

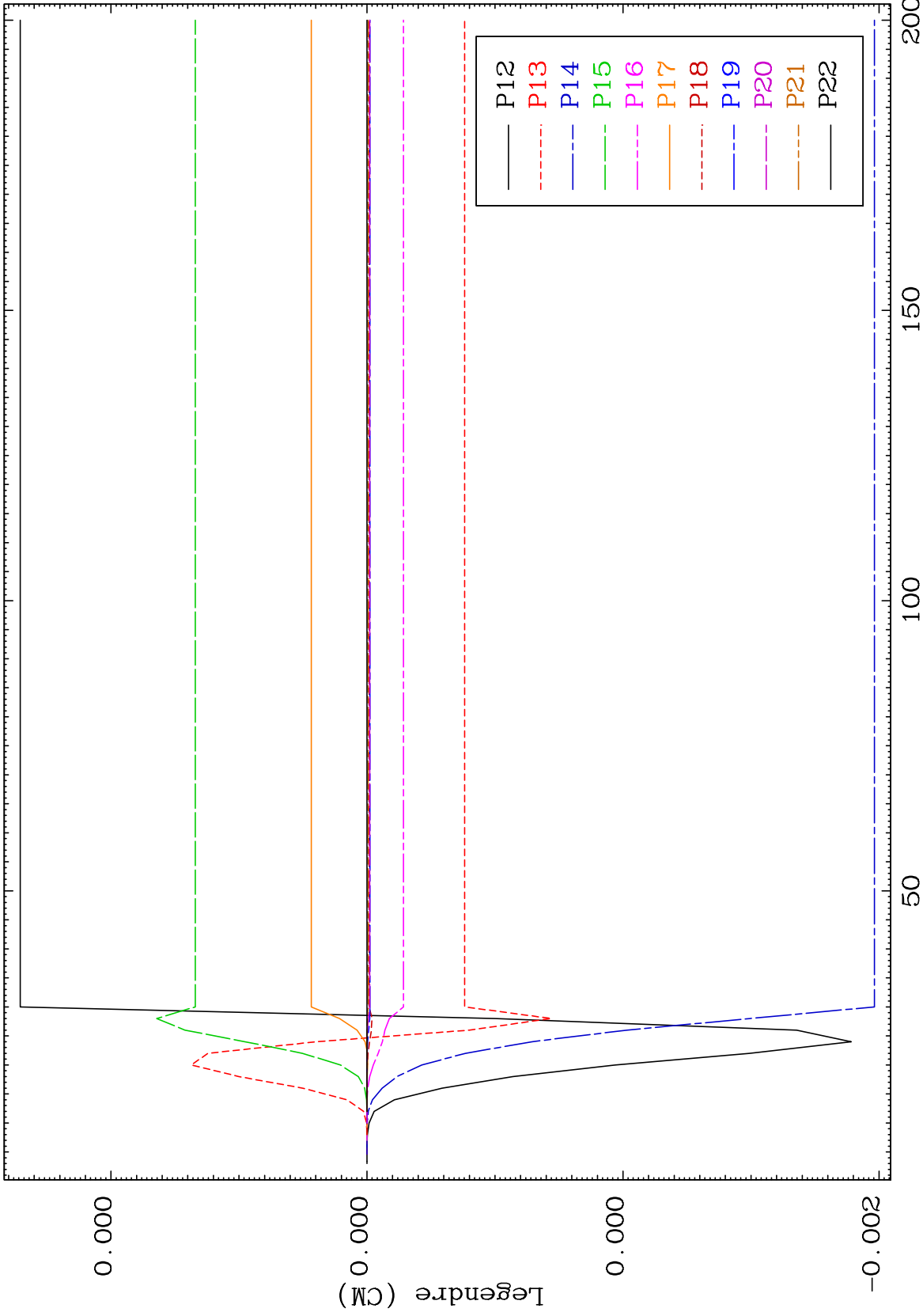
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



89

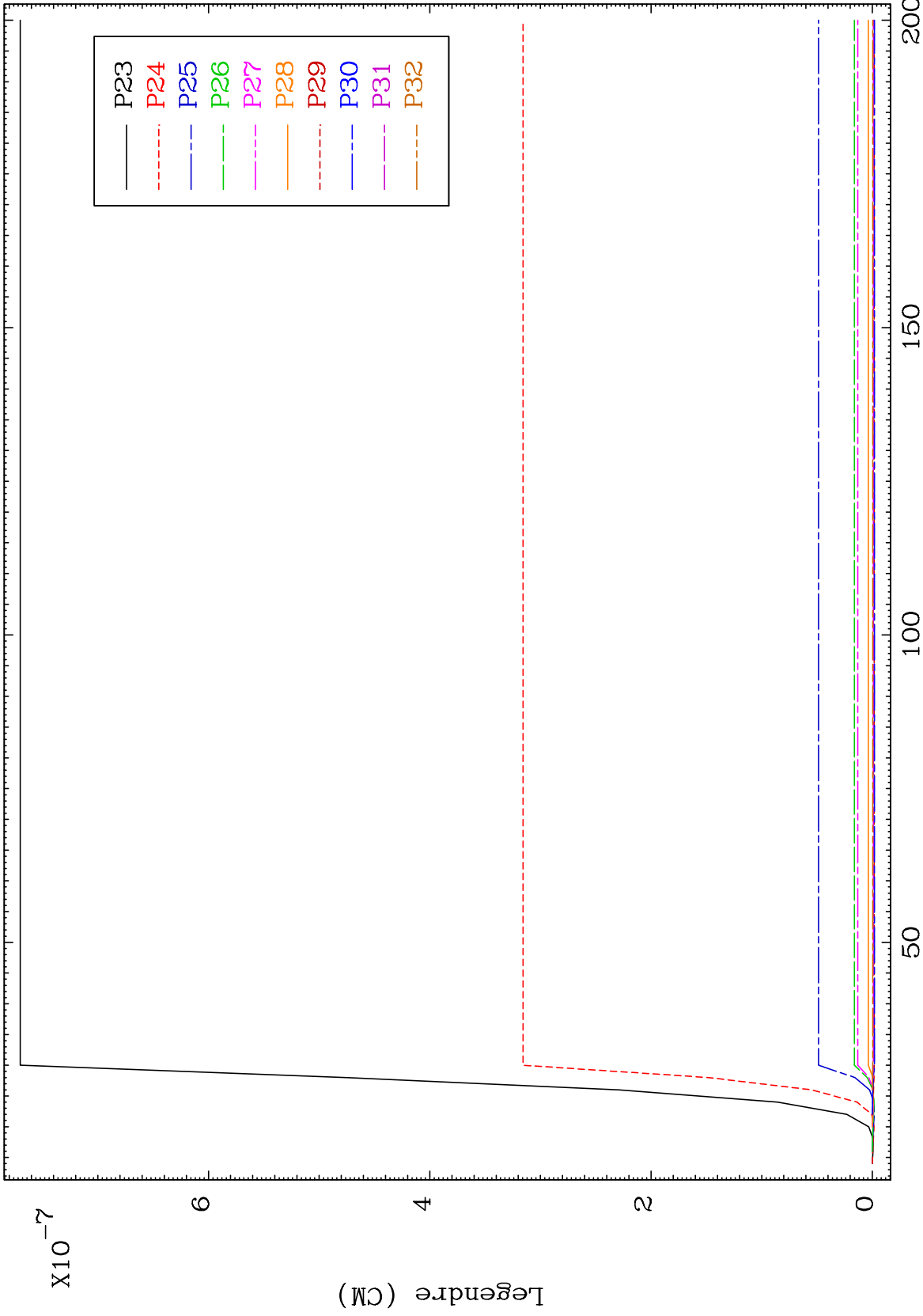
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



90

50

100

150

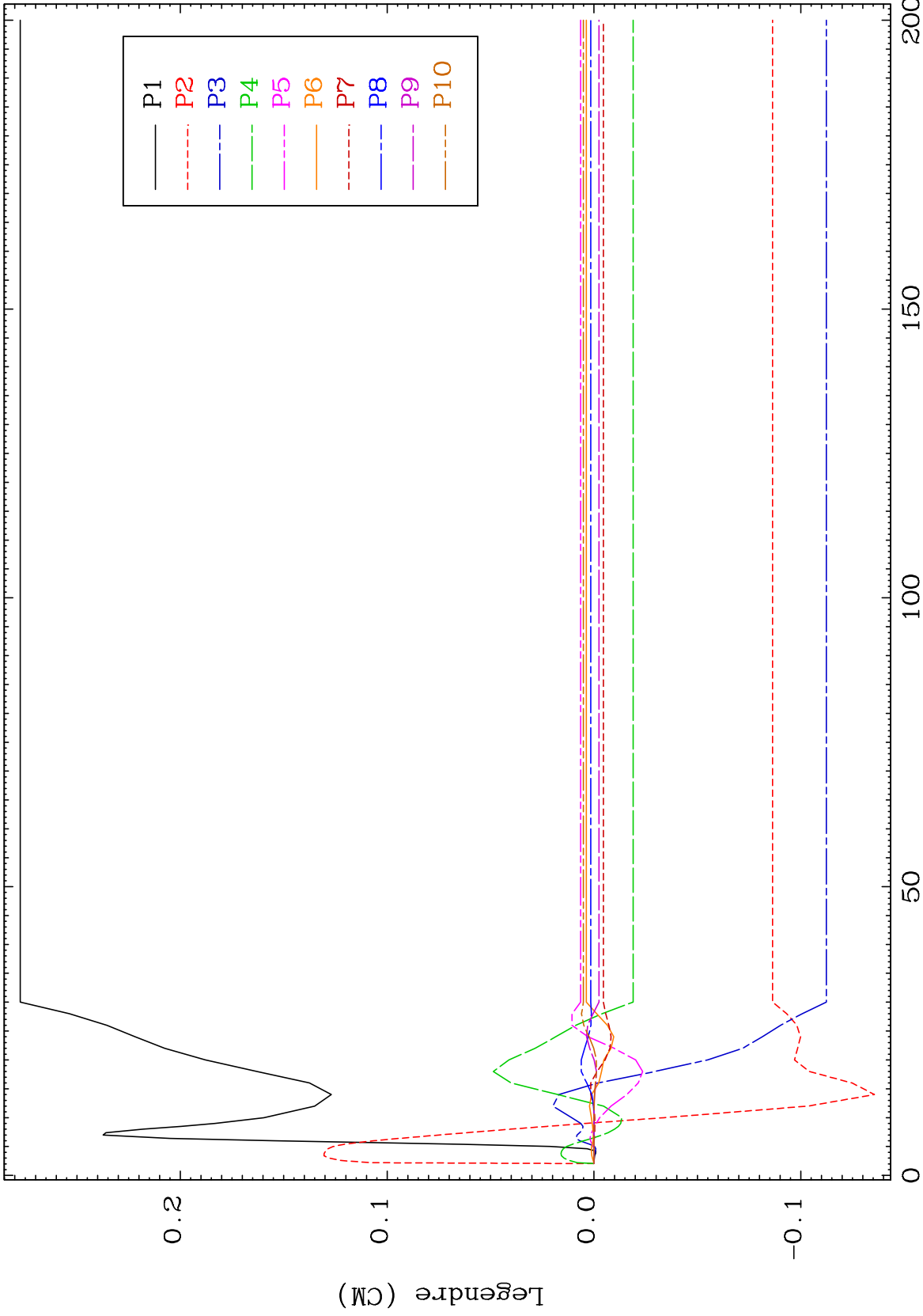
200

55-Cs-143

MAT 5555

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

55-Cs-143



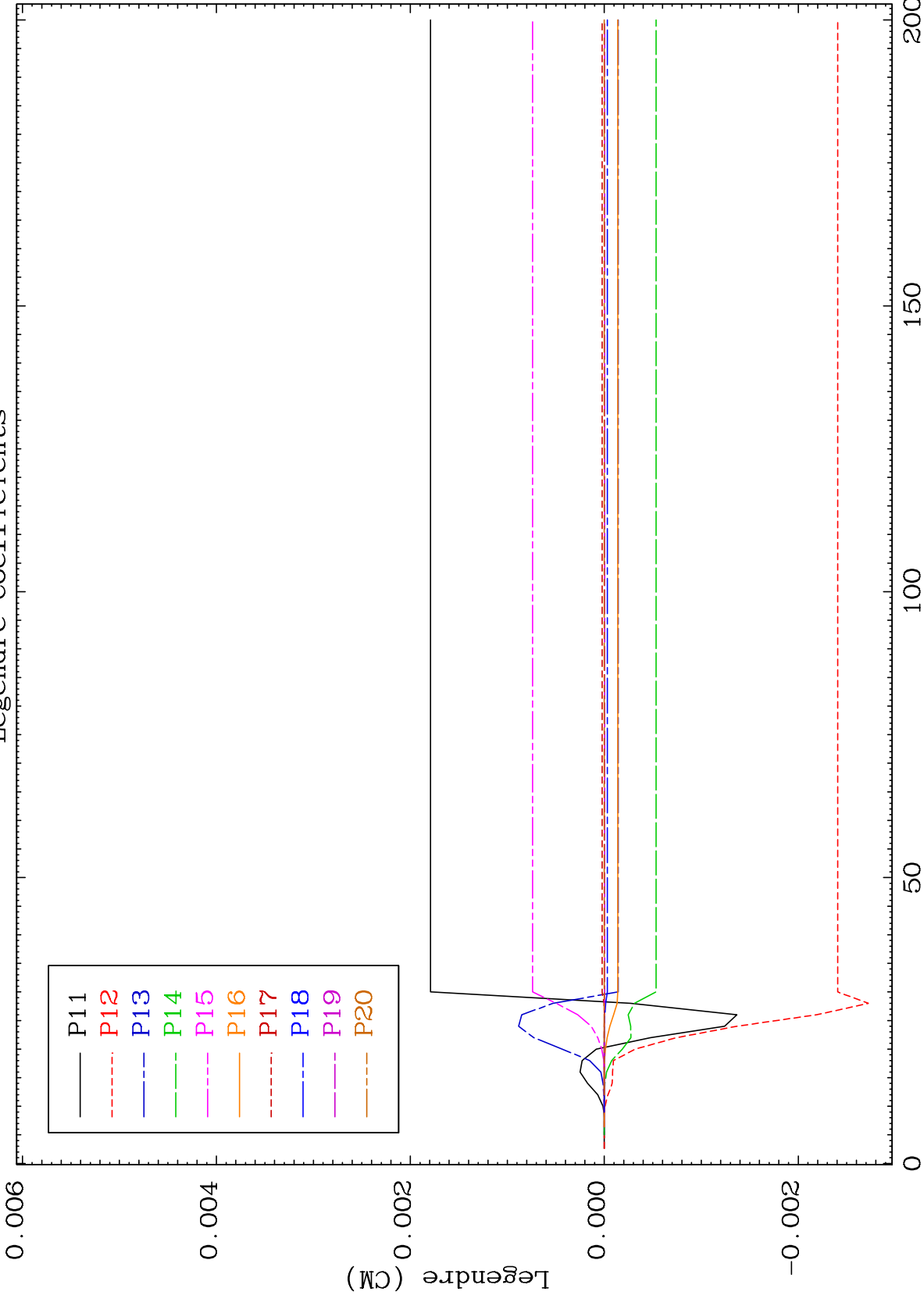
91

55-Cs-143

MAT 5555

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

55-Cs-143



92

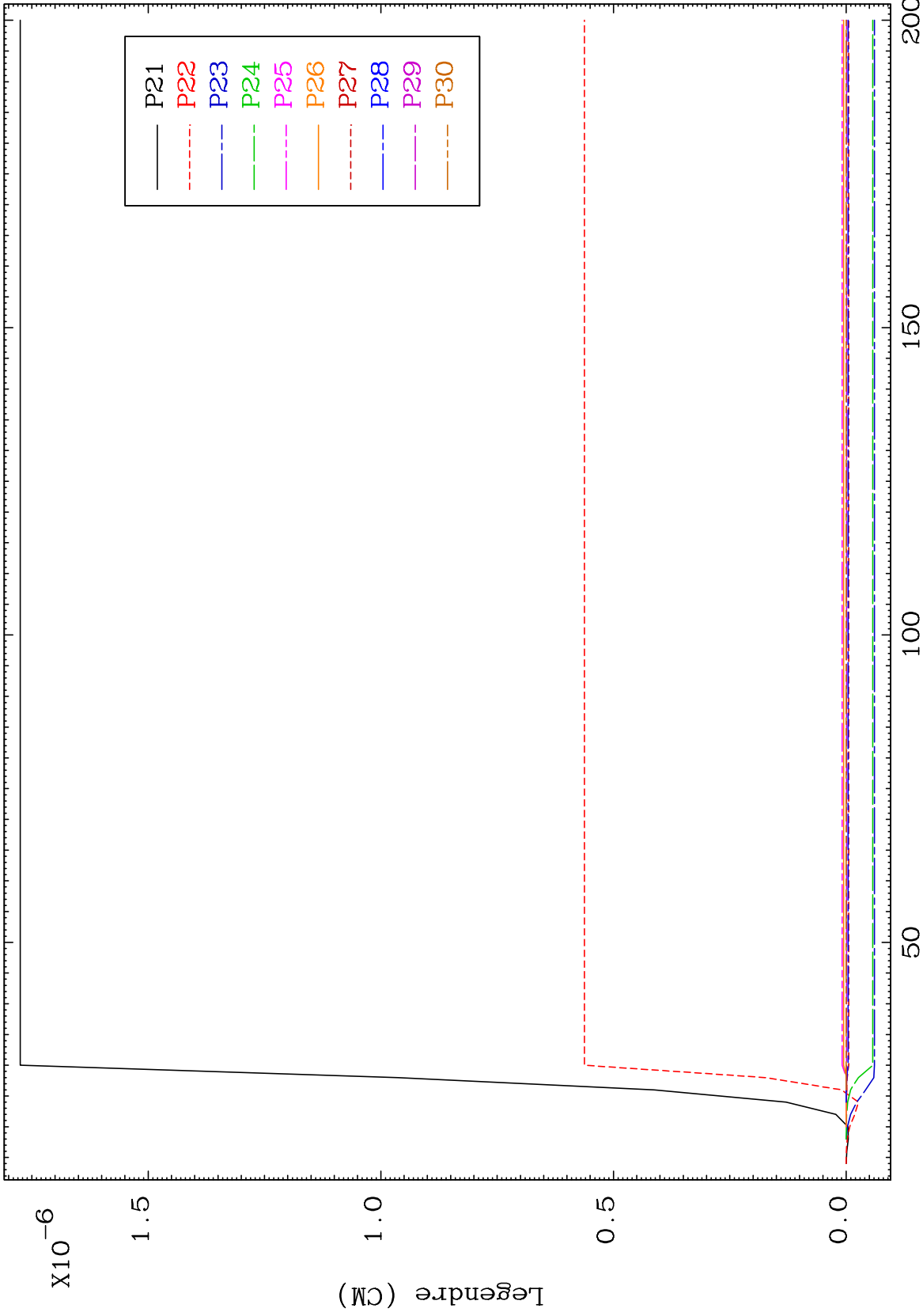
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



93

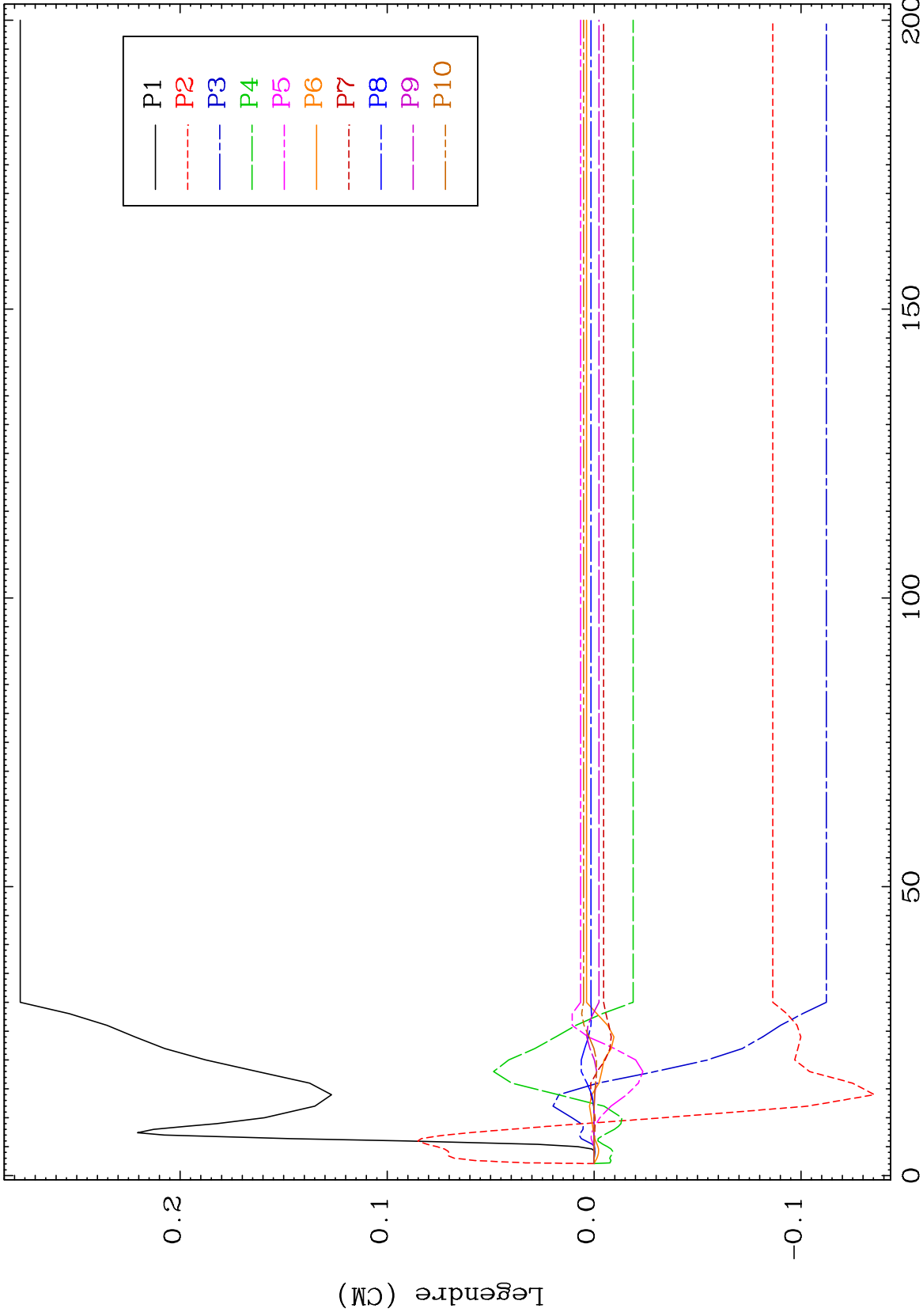
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



94

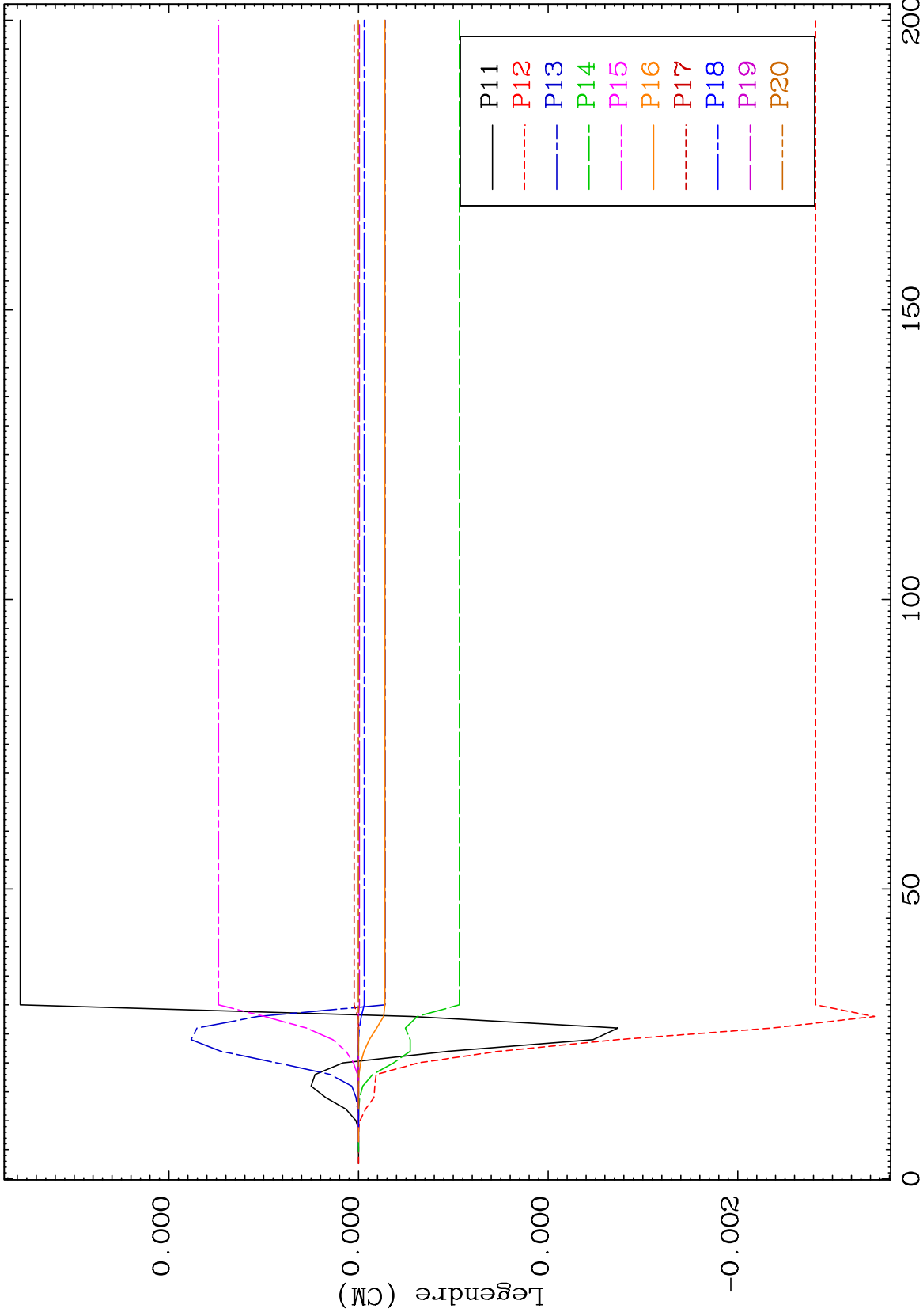
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



95

Incident Energy (MeV)

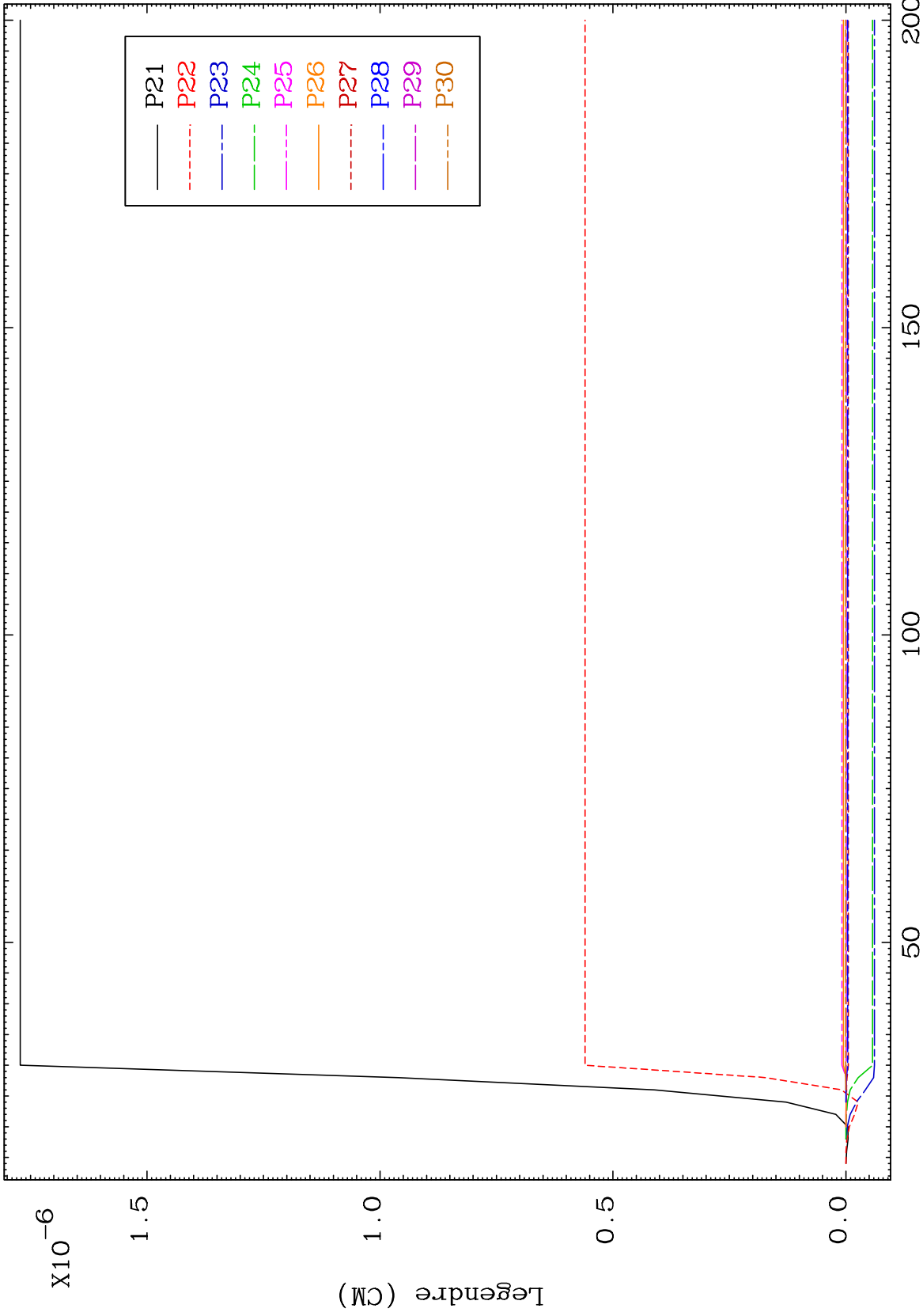
55-Cs-143



MAT 5555

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

55-Cs-143



96

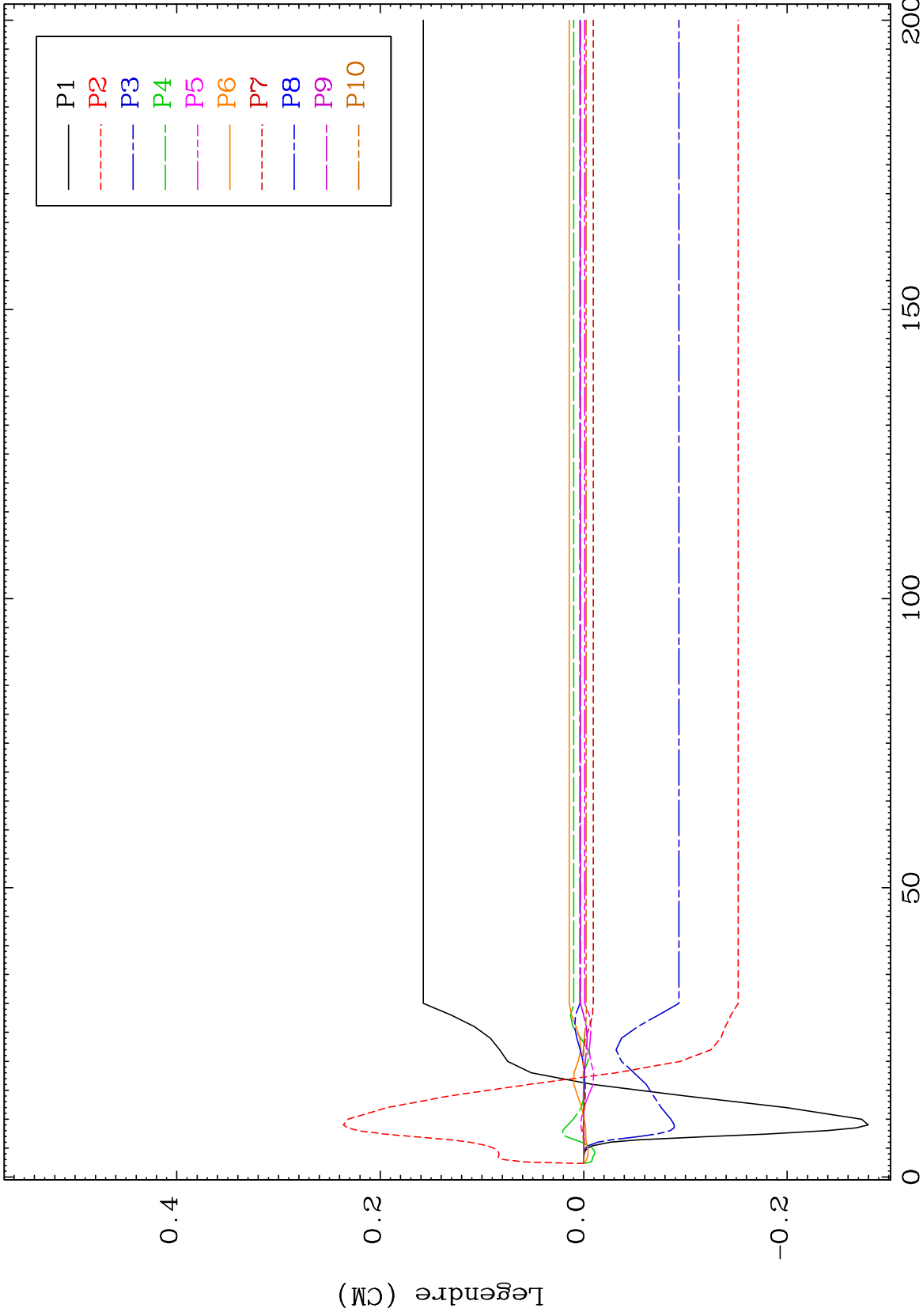
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



97

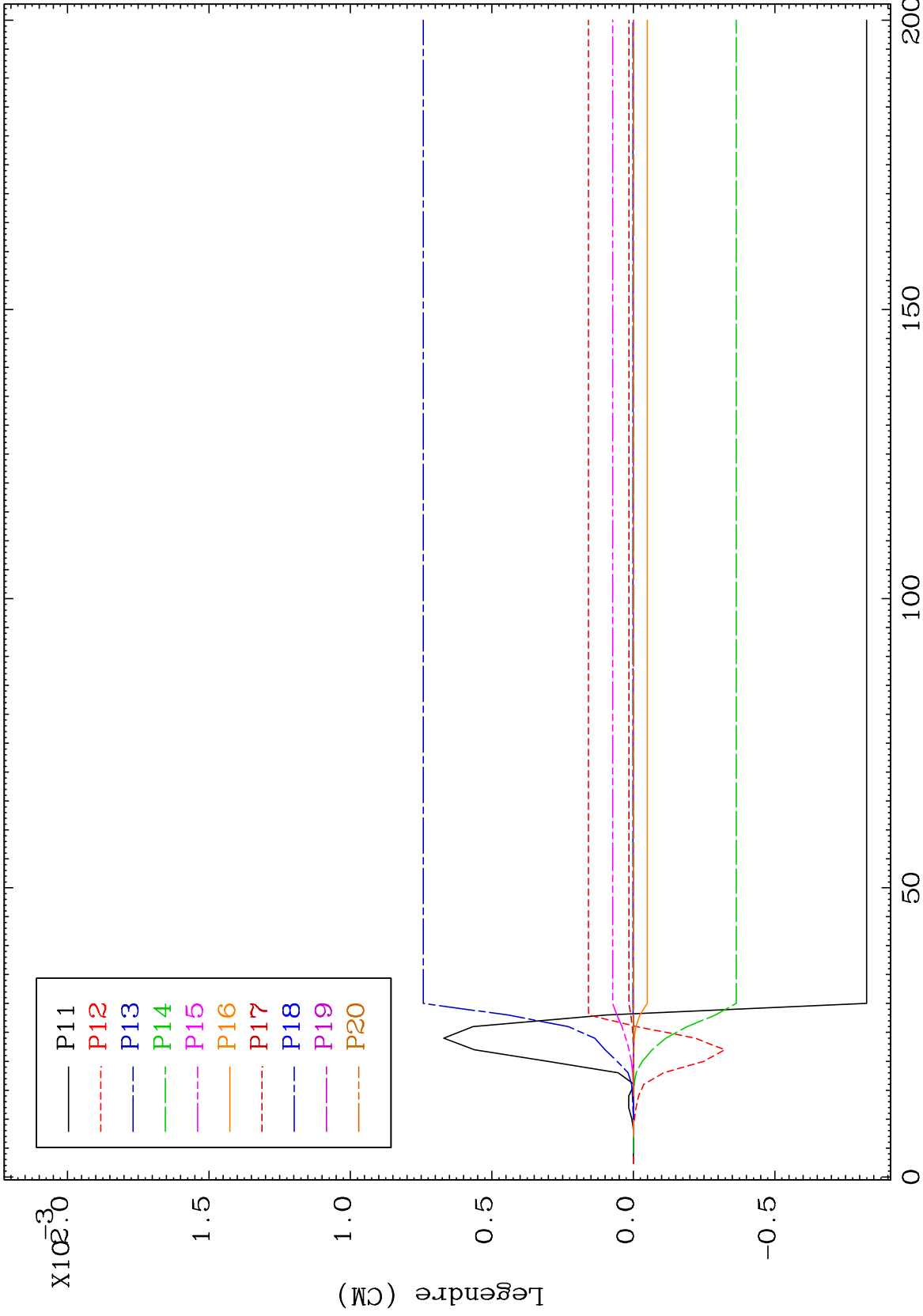
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



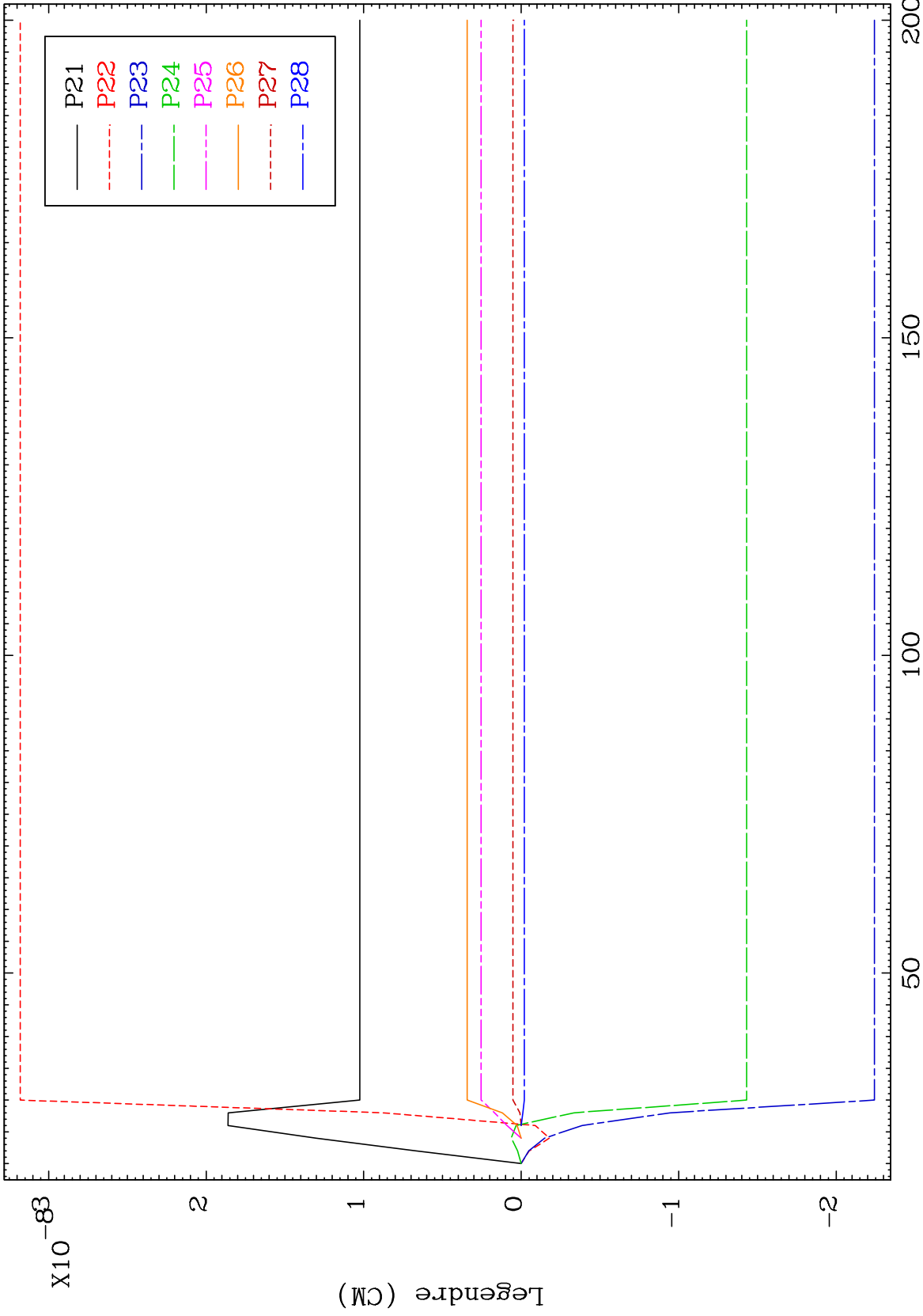
98

55-Cs-143

MAT 5555

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

55-Cs-143



99

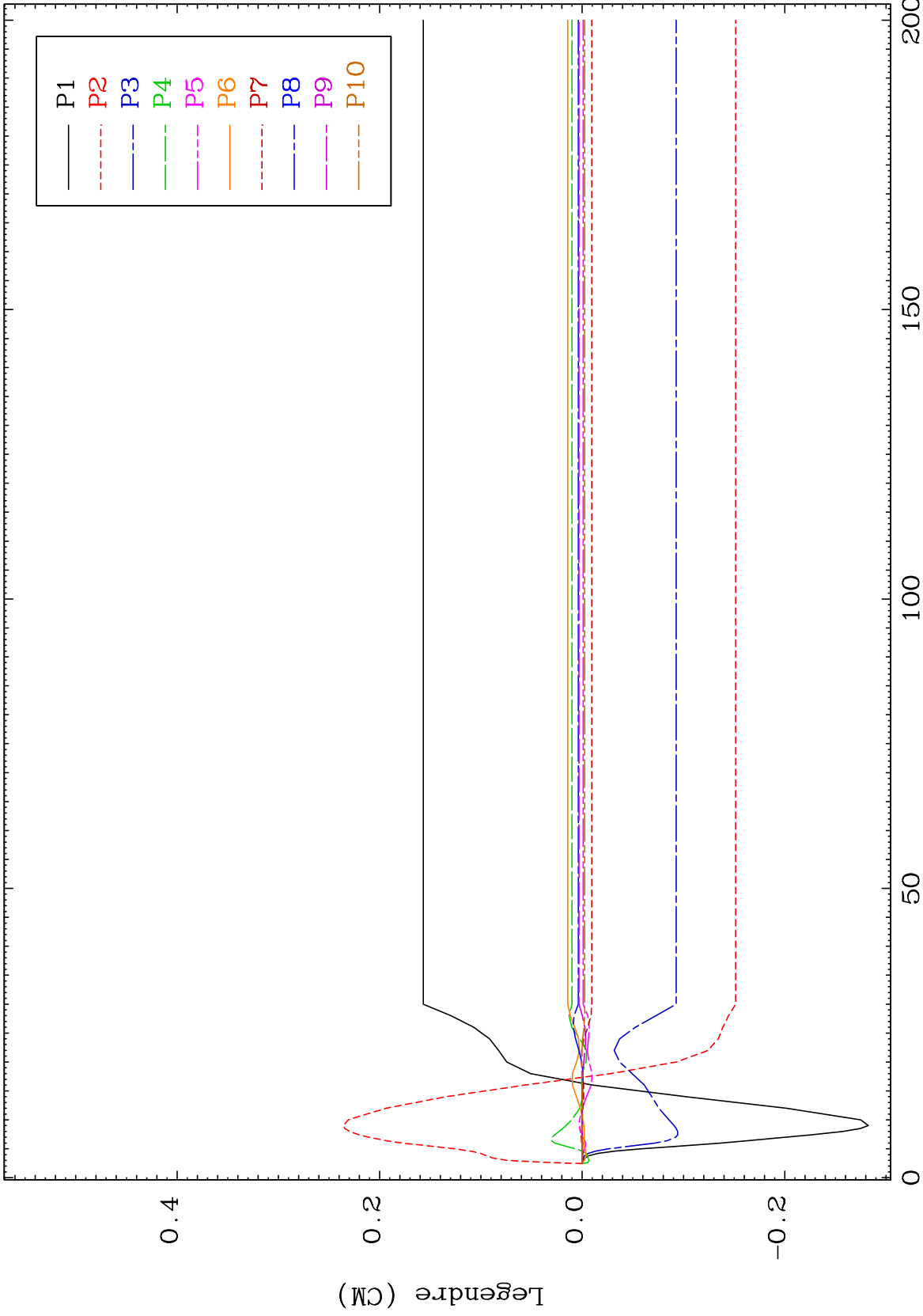
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



55-Cs-143

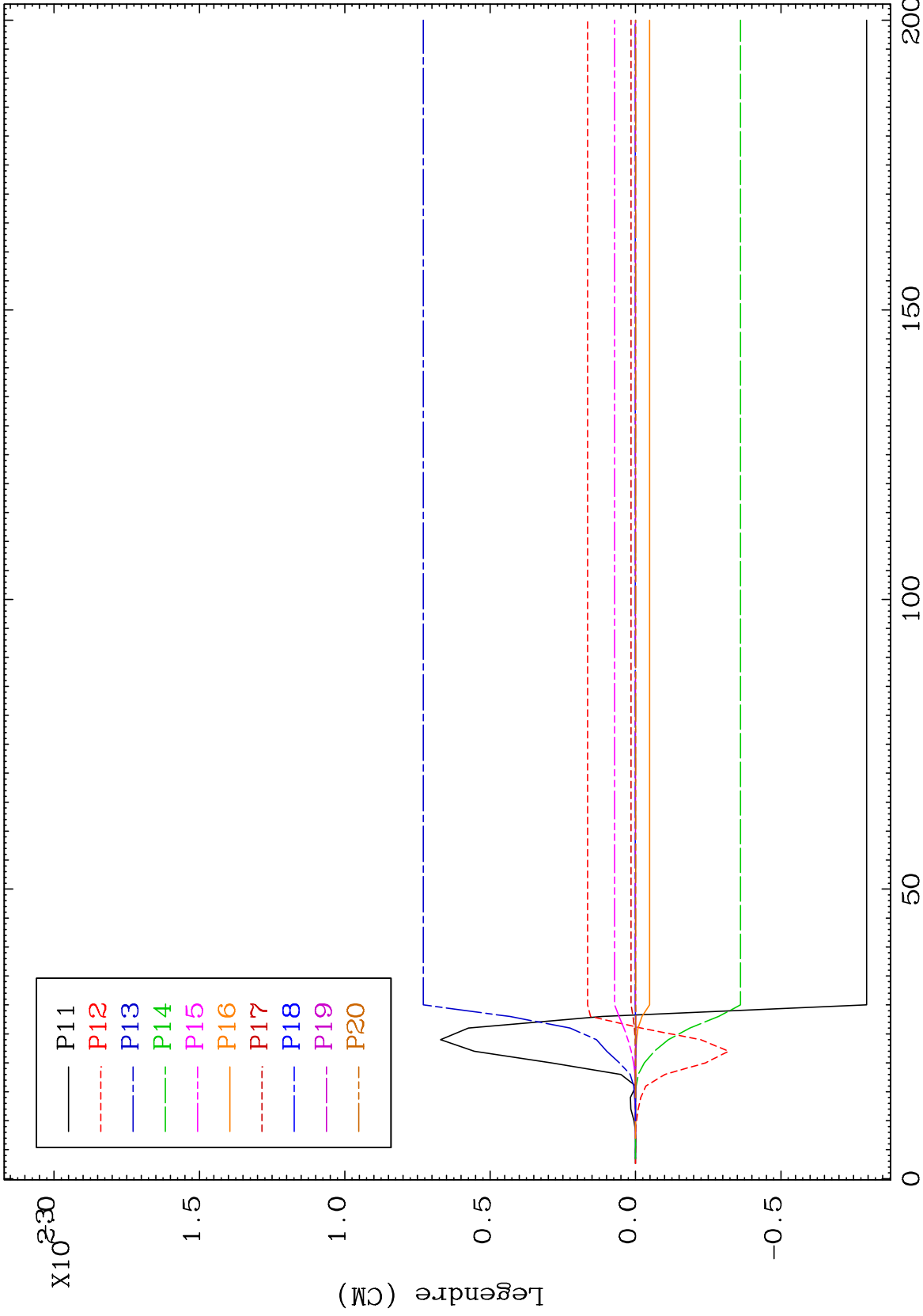
Incident Energy (MeV)

100

MAT 5555

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

55-Cs-143



101

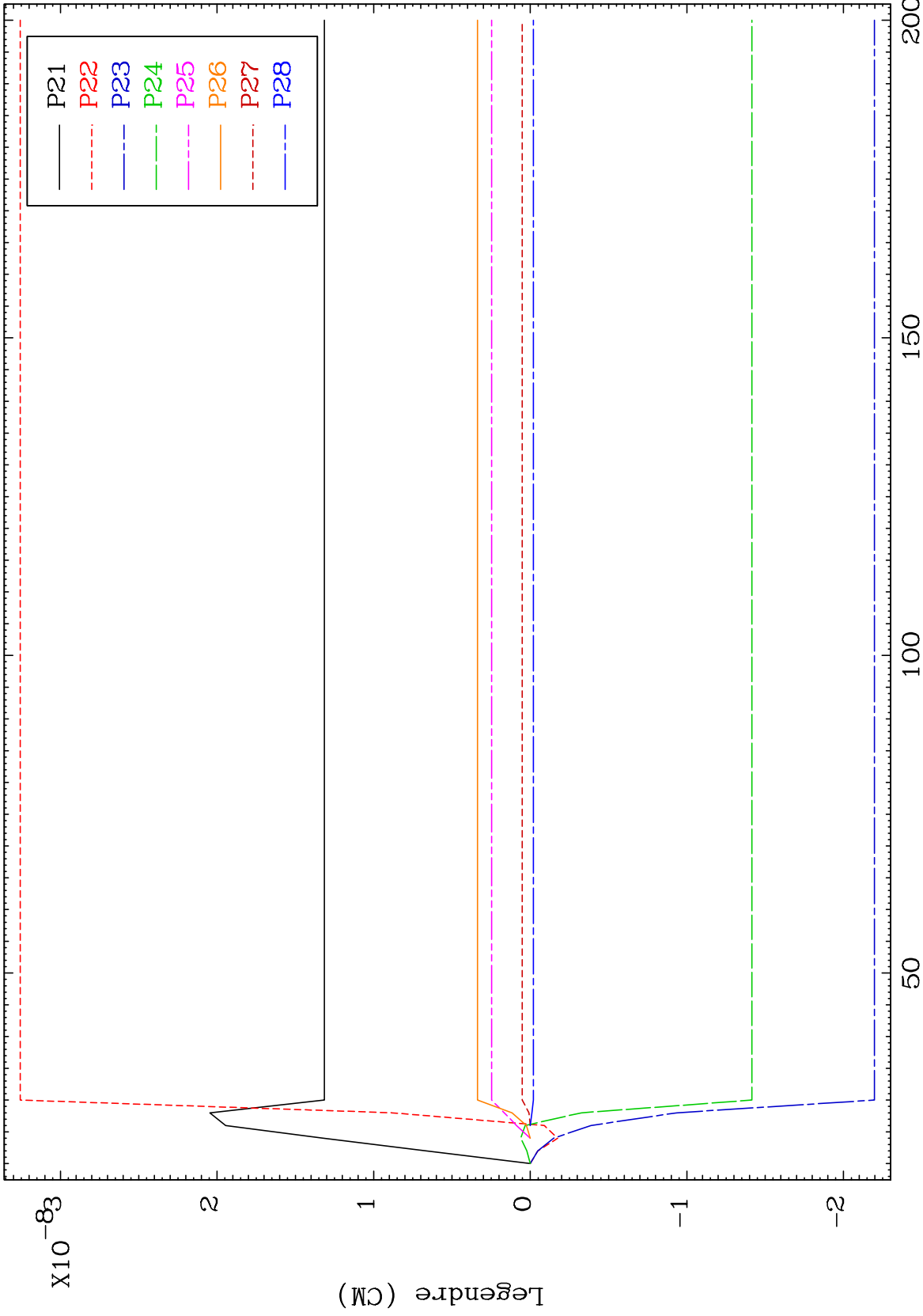
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



102

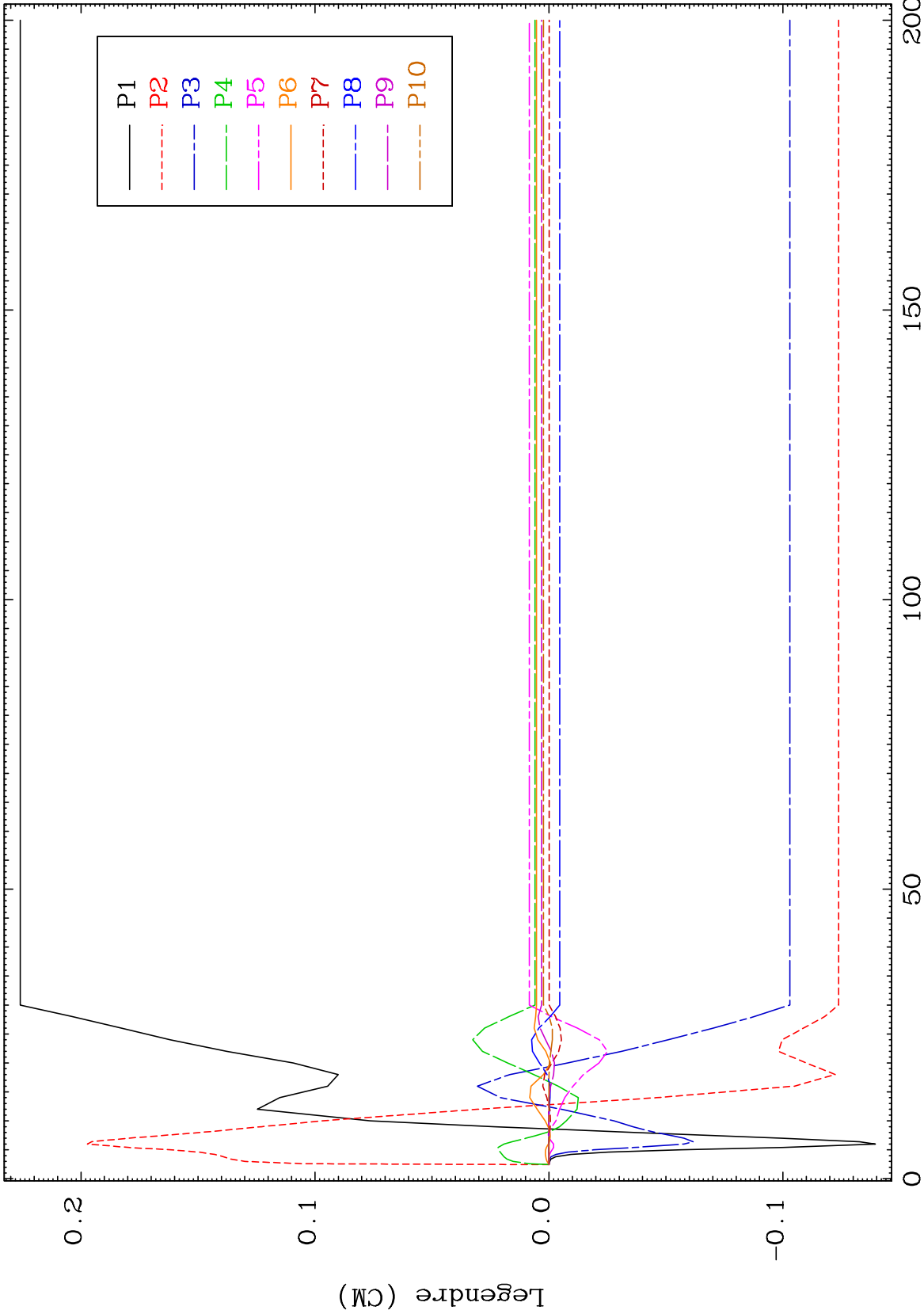
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



103

Incident Energy (MeV)

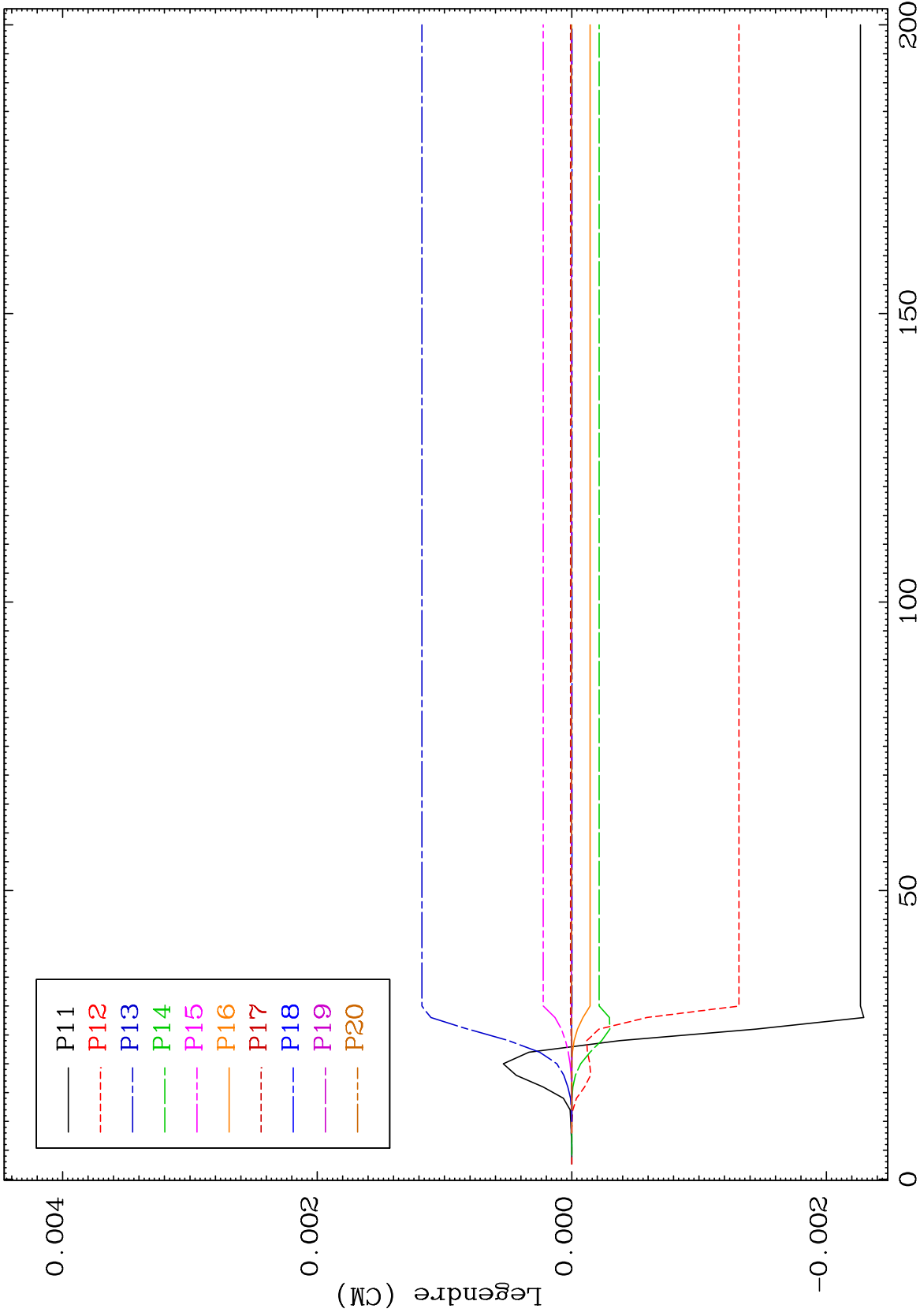
55-Cs-143



MAT 5555

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

55-Cs-143



104

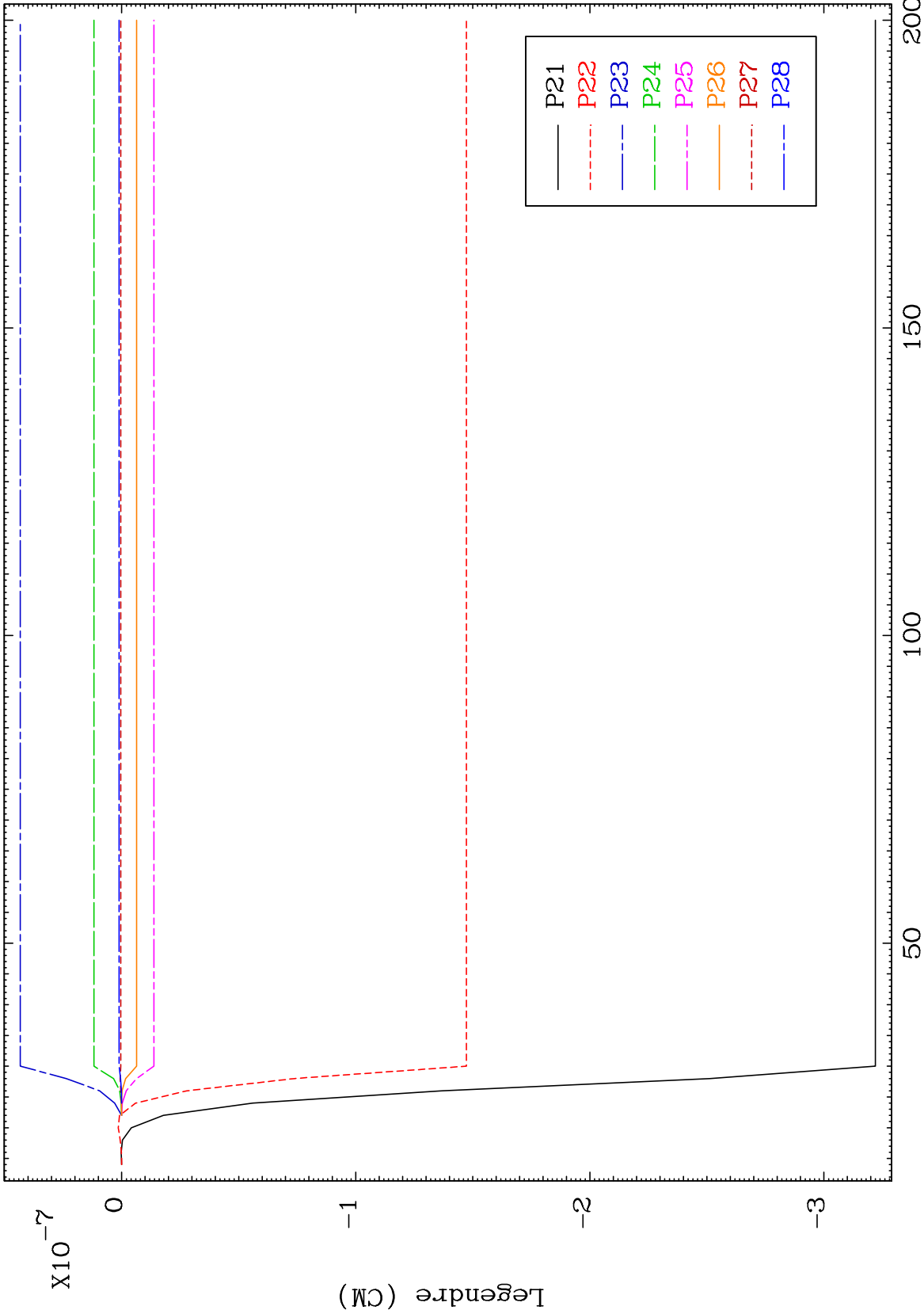
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



105

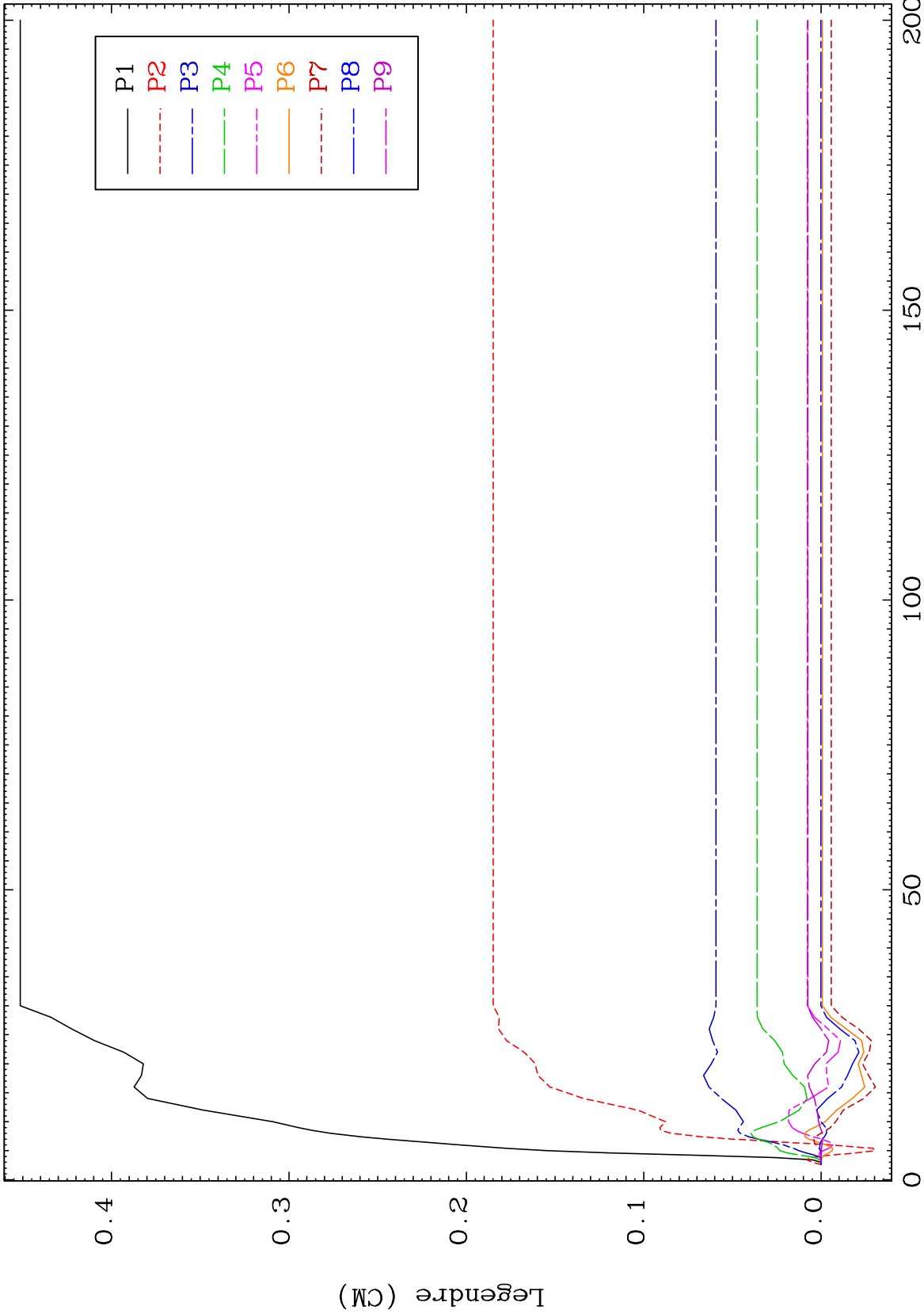
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



106

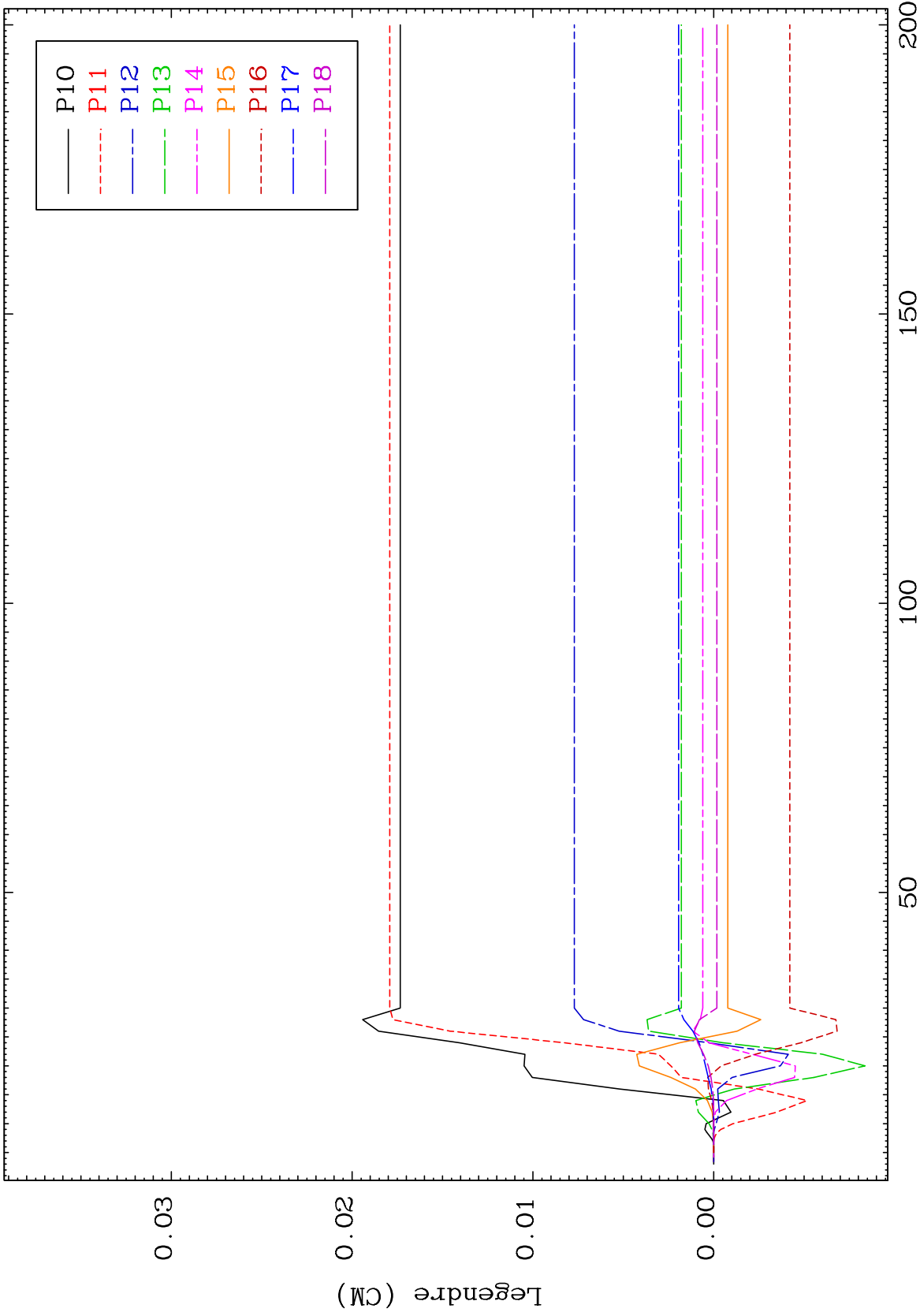
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



107

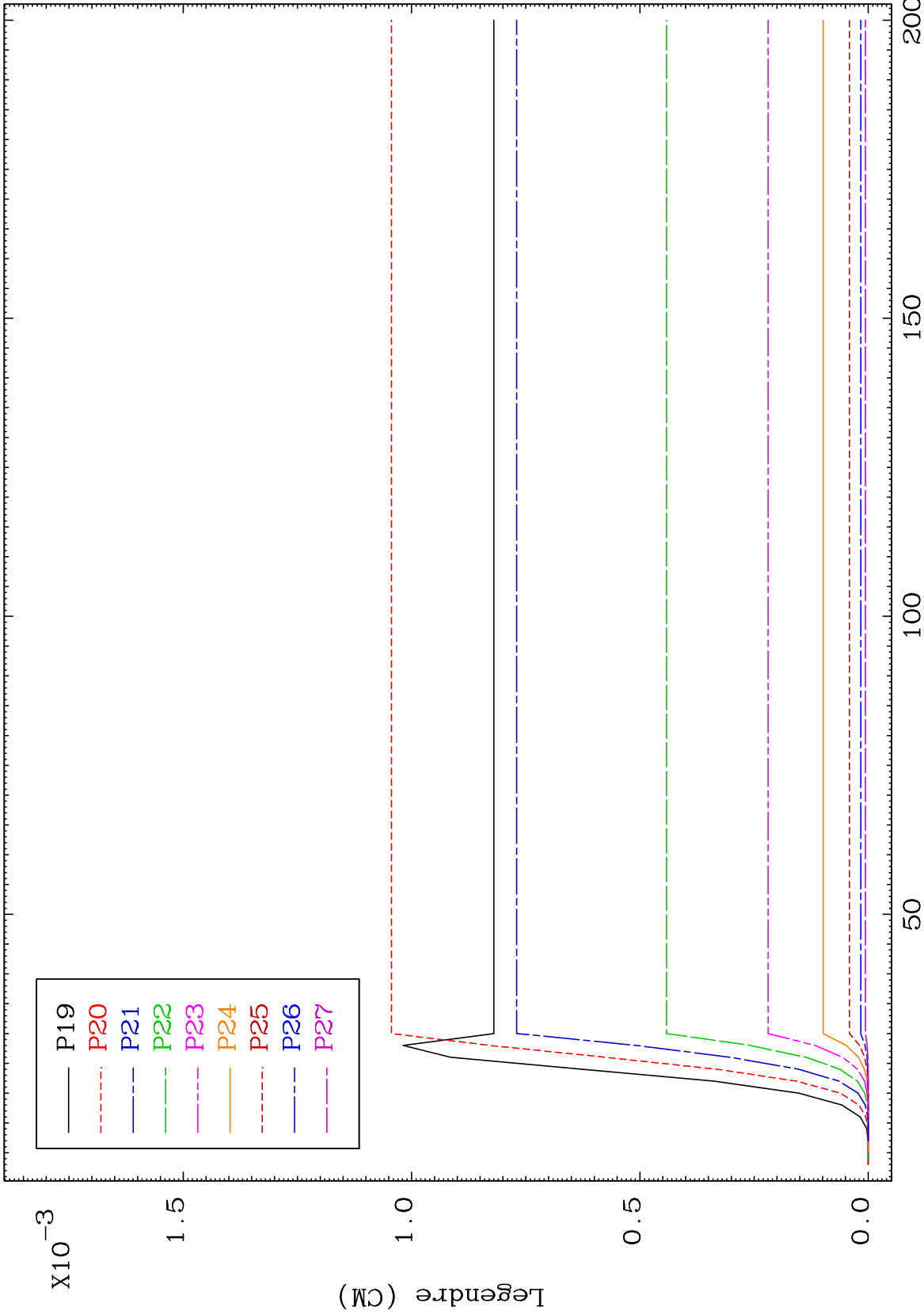
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



108

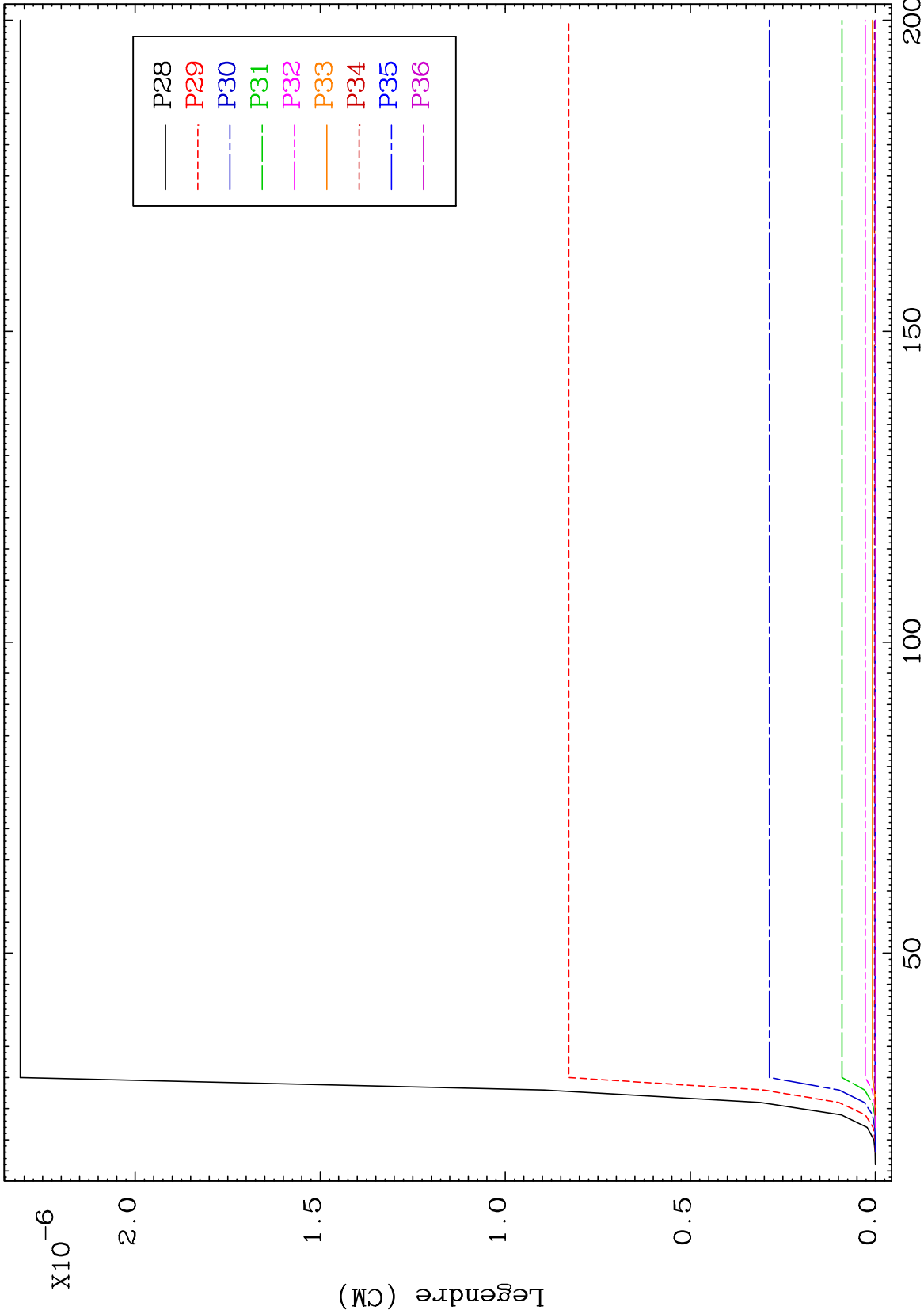
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



109

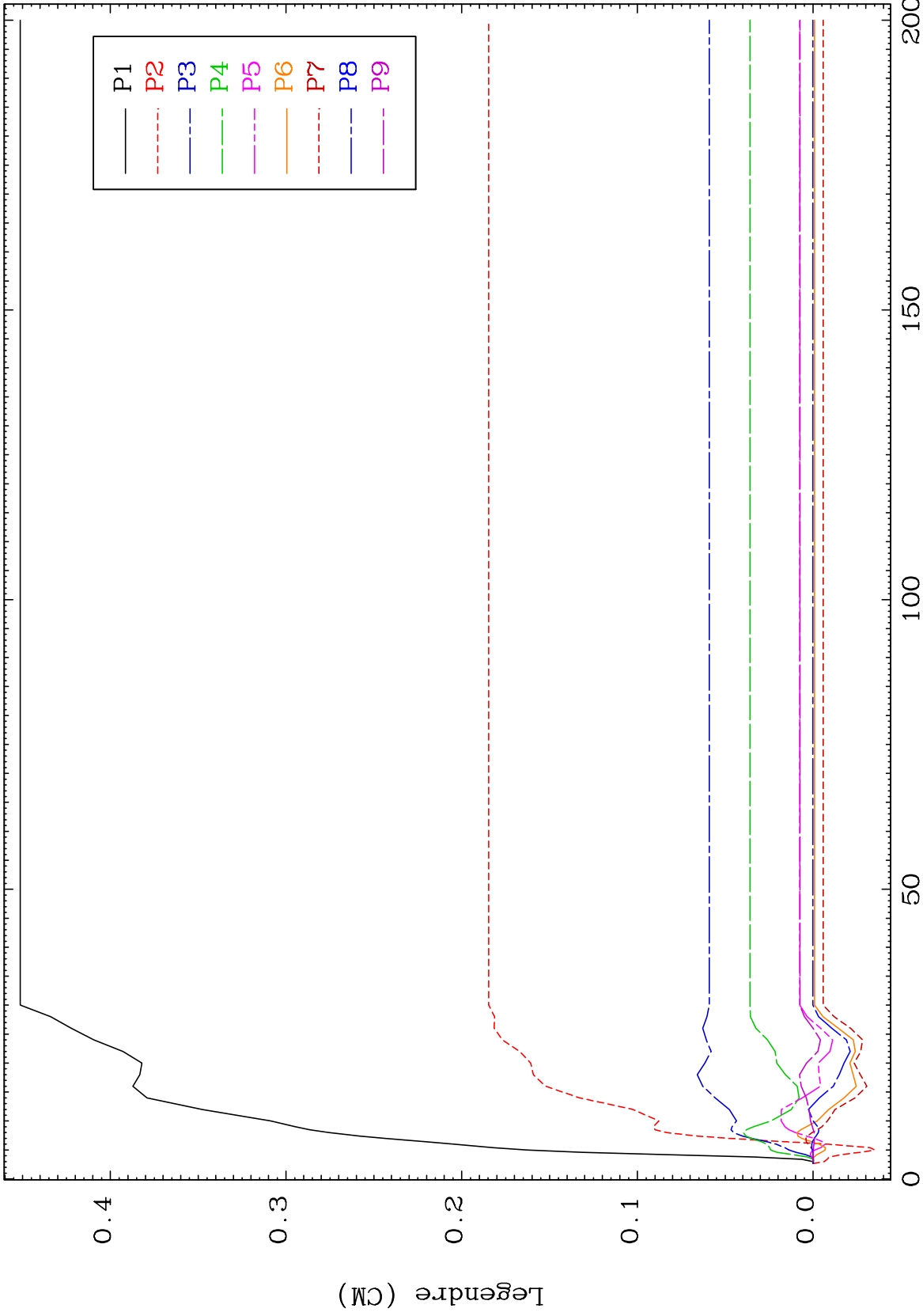
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



110

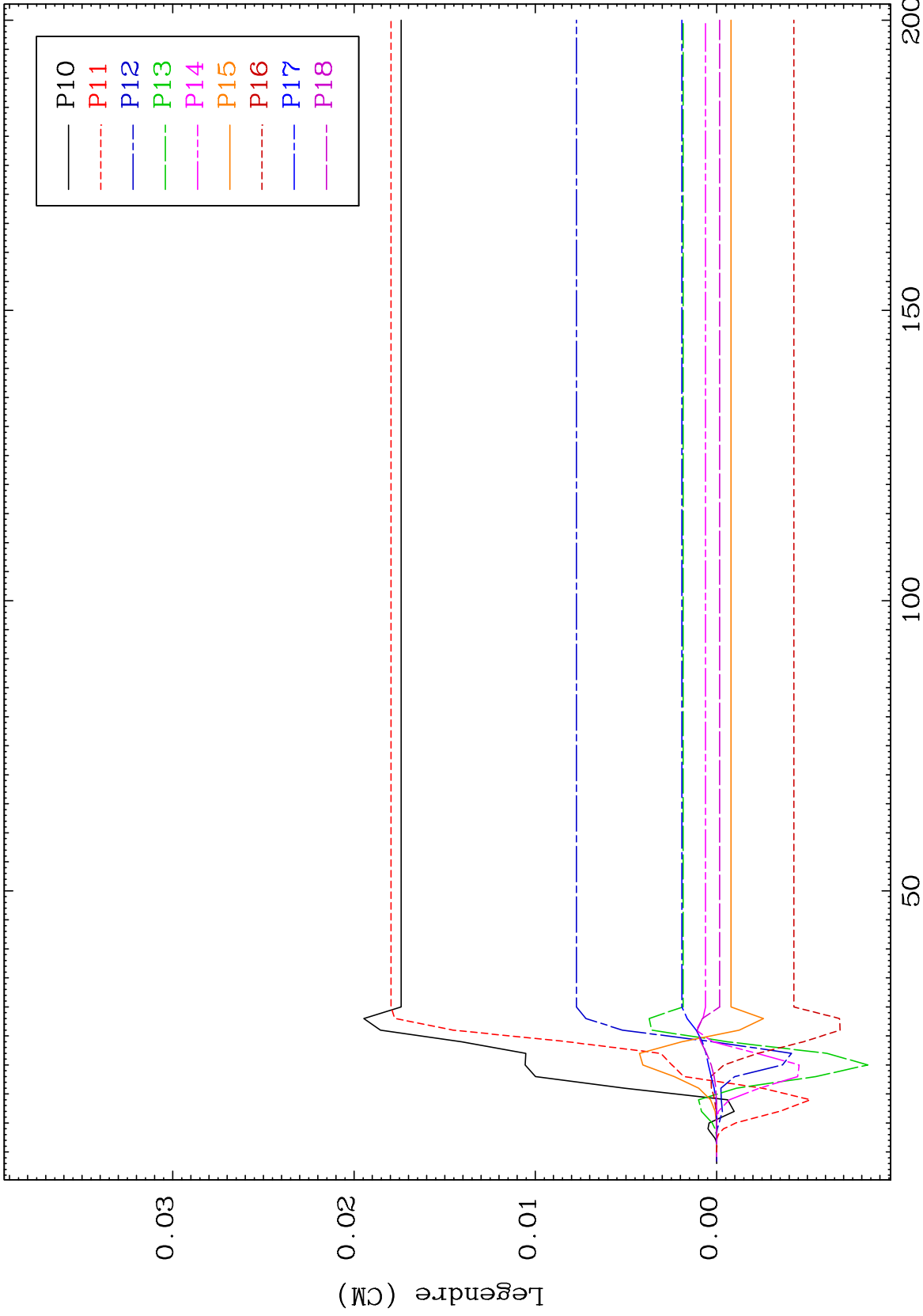
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



111

Incident Energy (MeV)

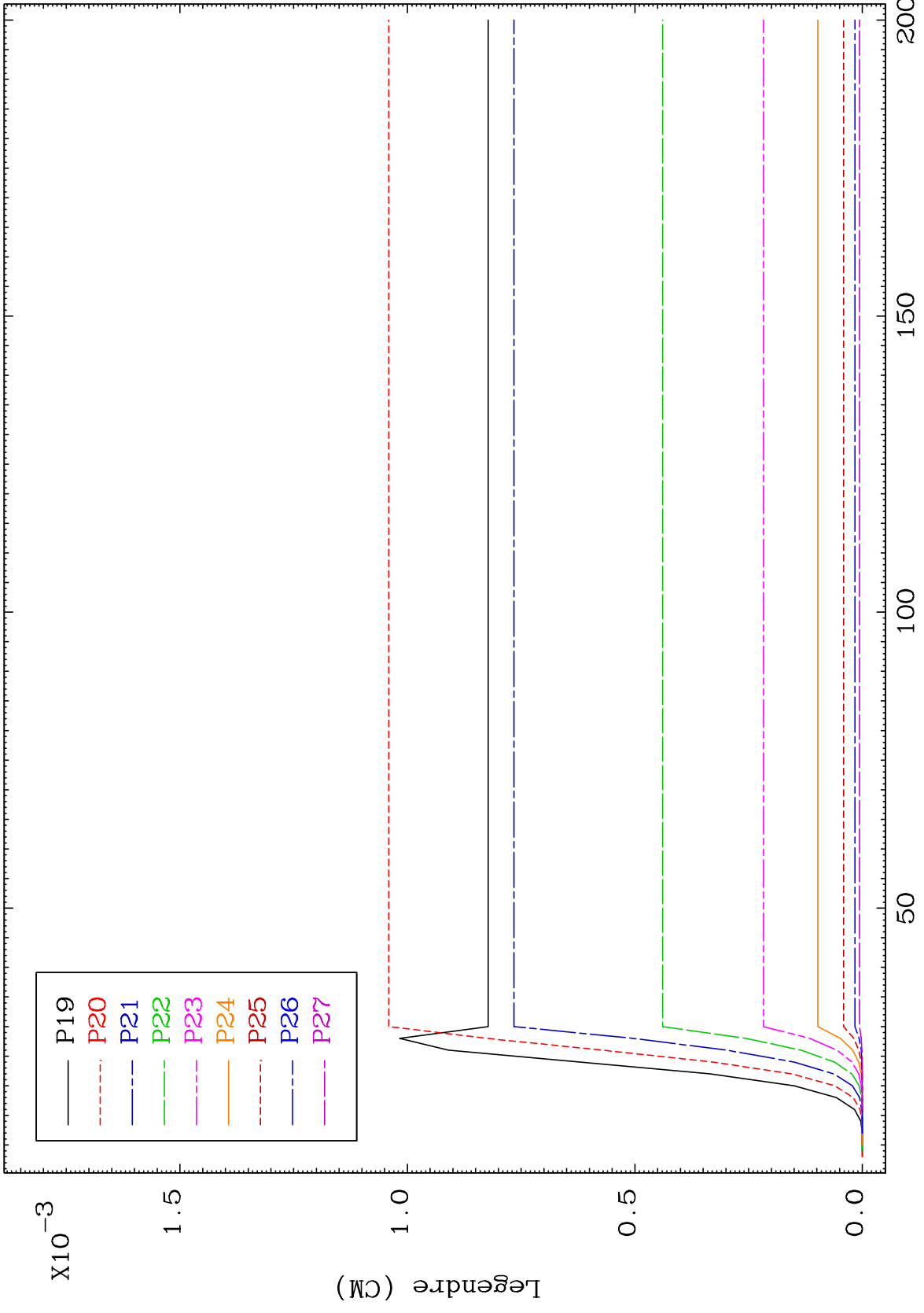
55-Cs-143



MAT 5555

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

55-Cs-143



112

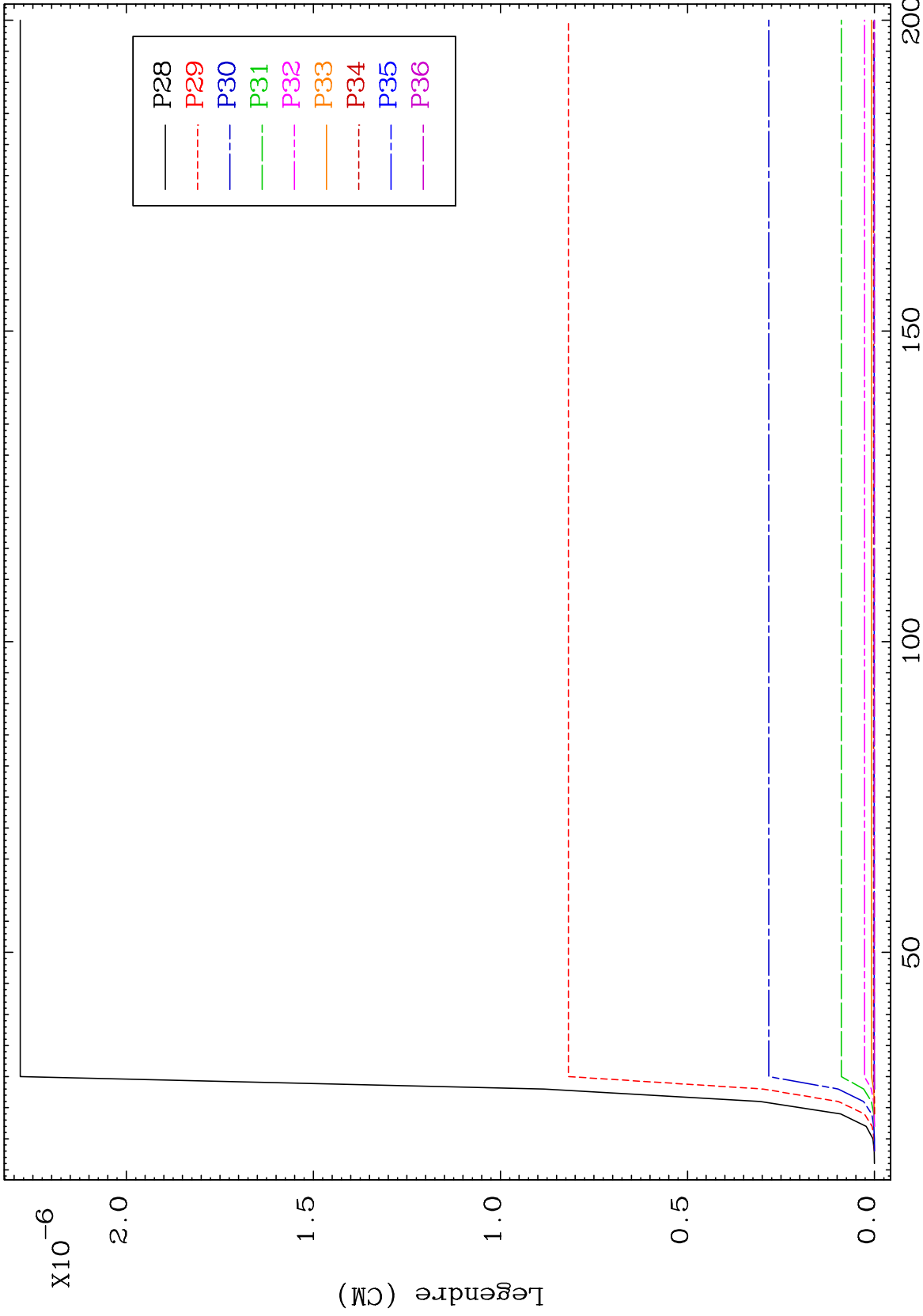
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



113

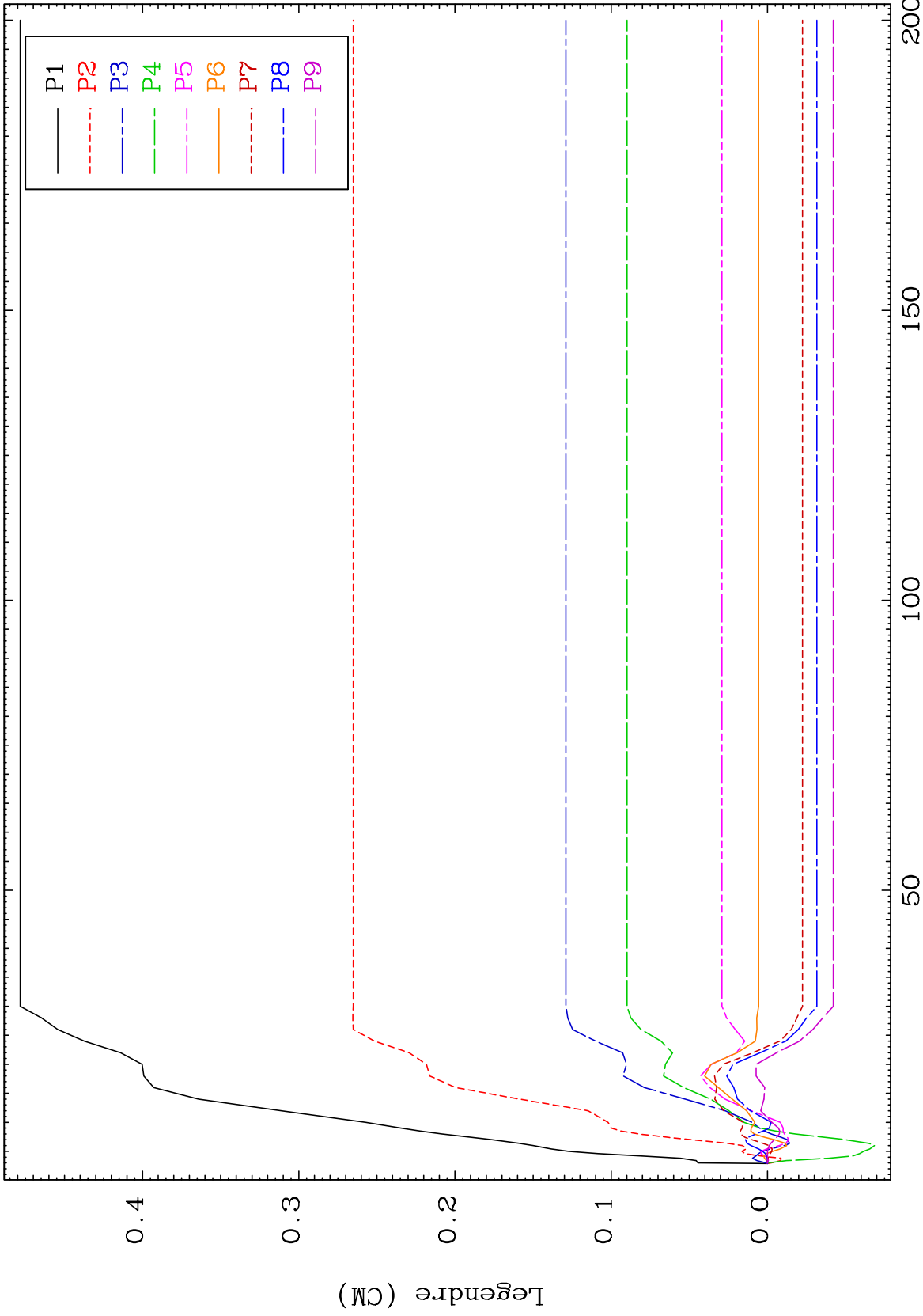
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



114

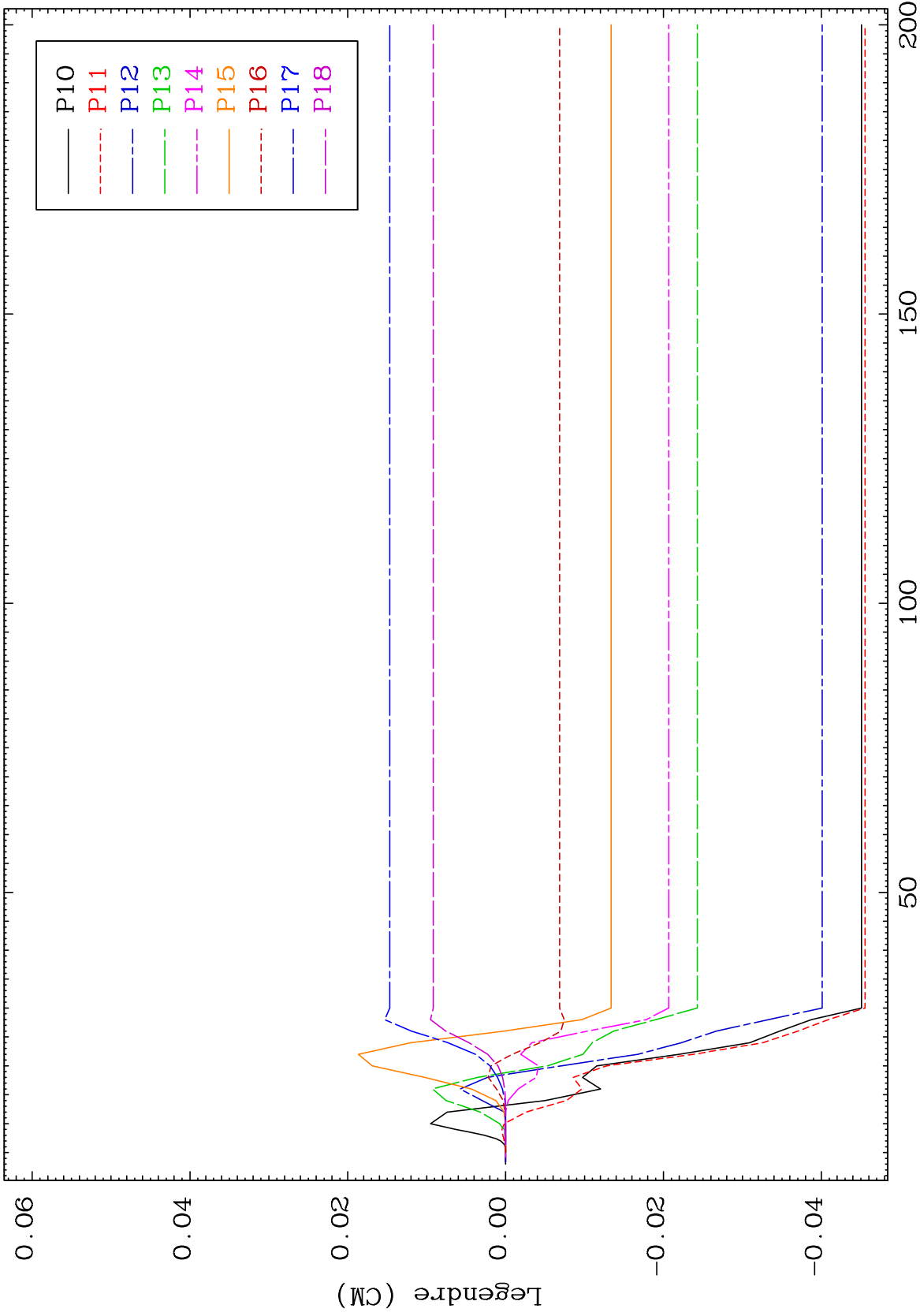
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



115

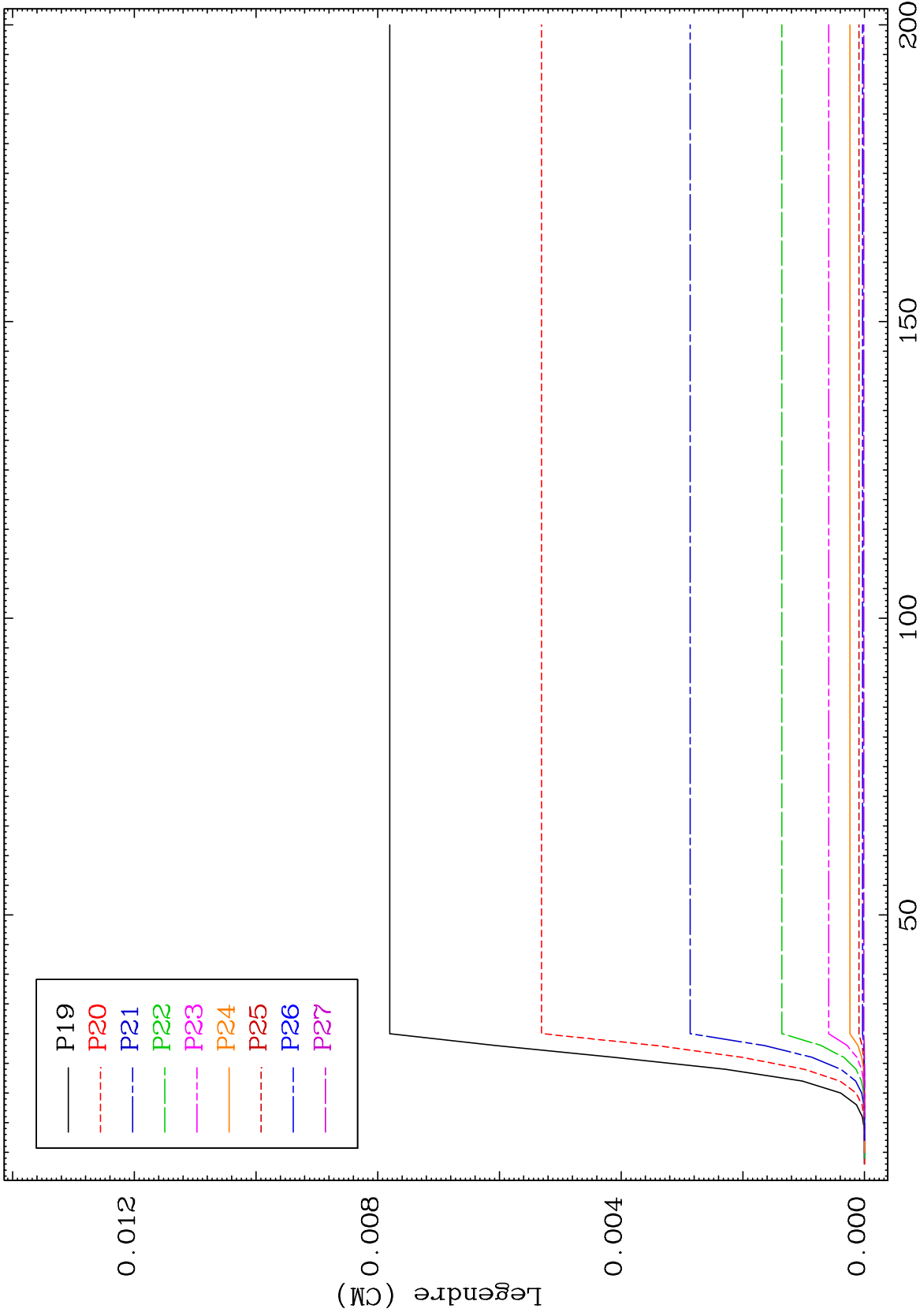
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



116

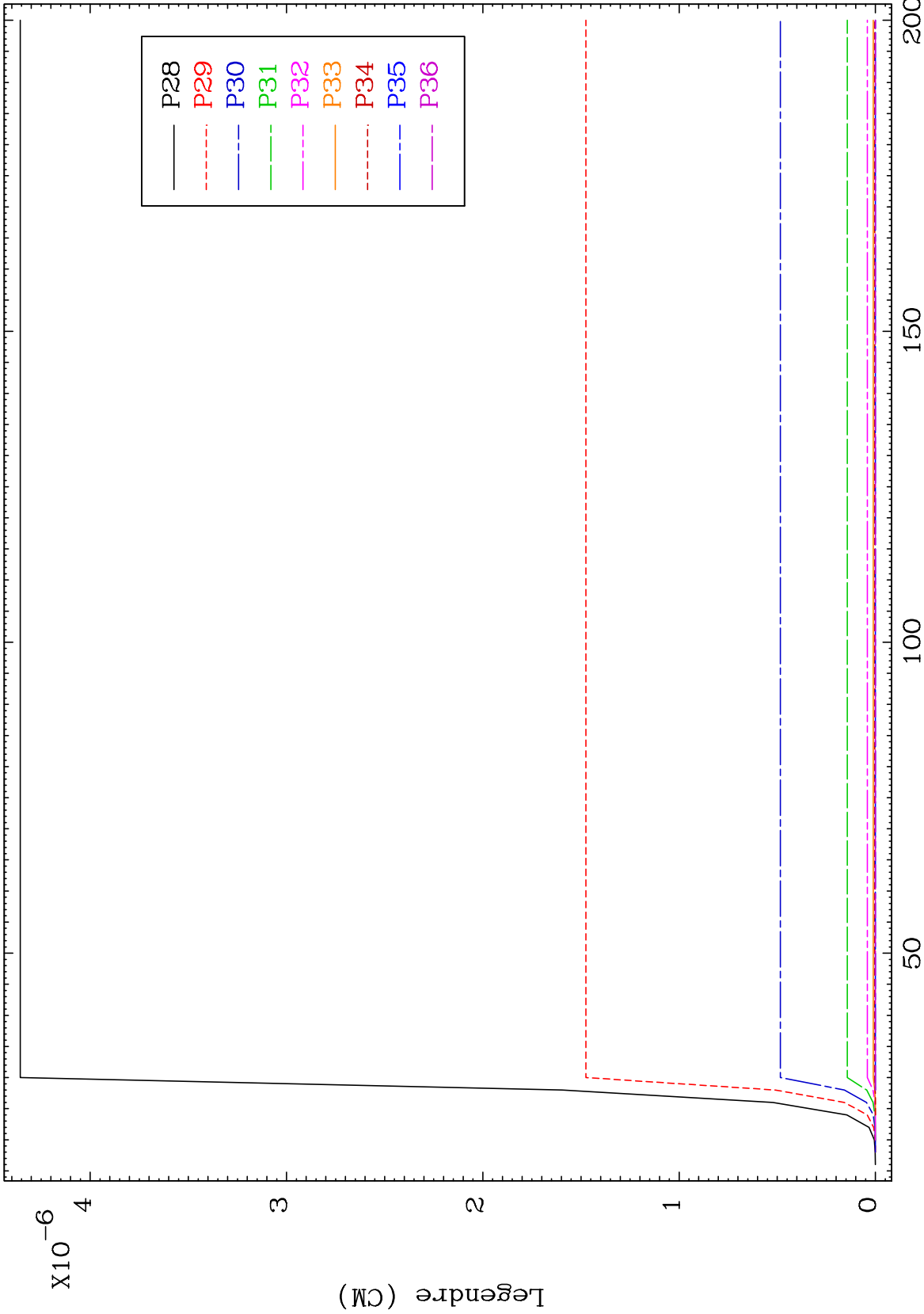
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



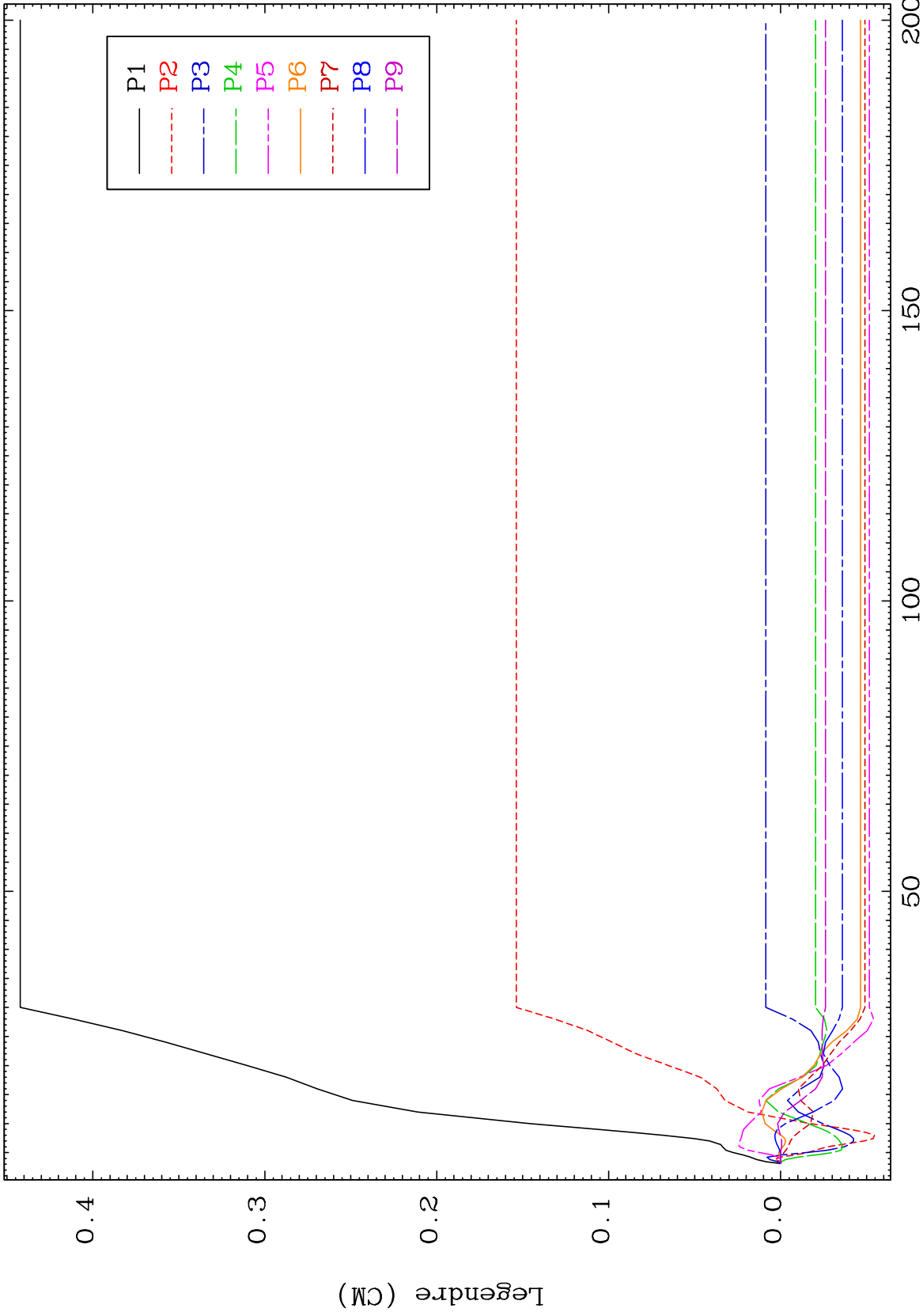
117

55-Cs-143

MAT 5555

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

55-Cs-143



118

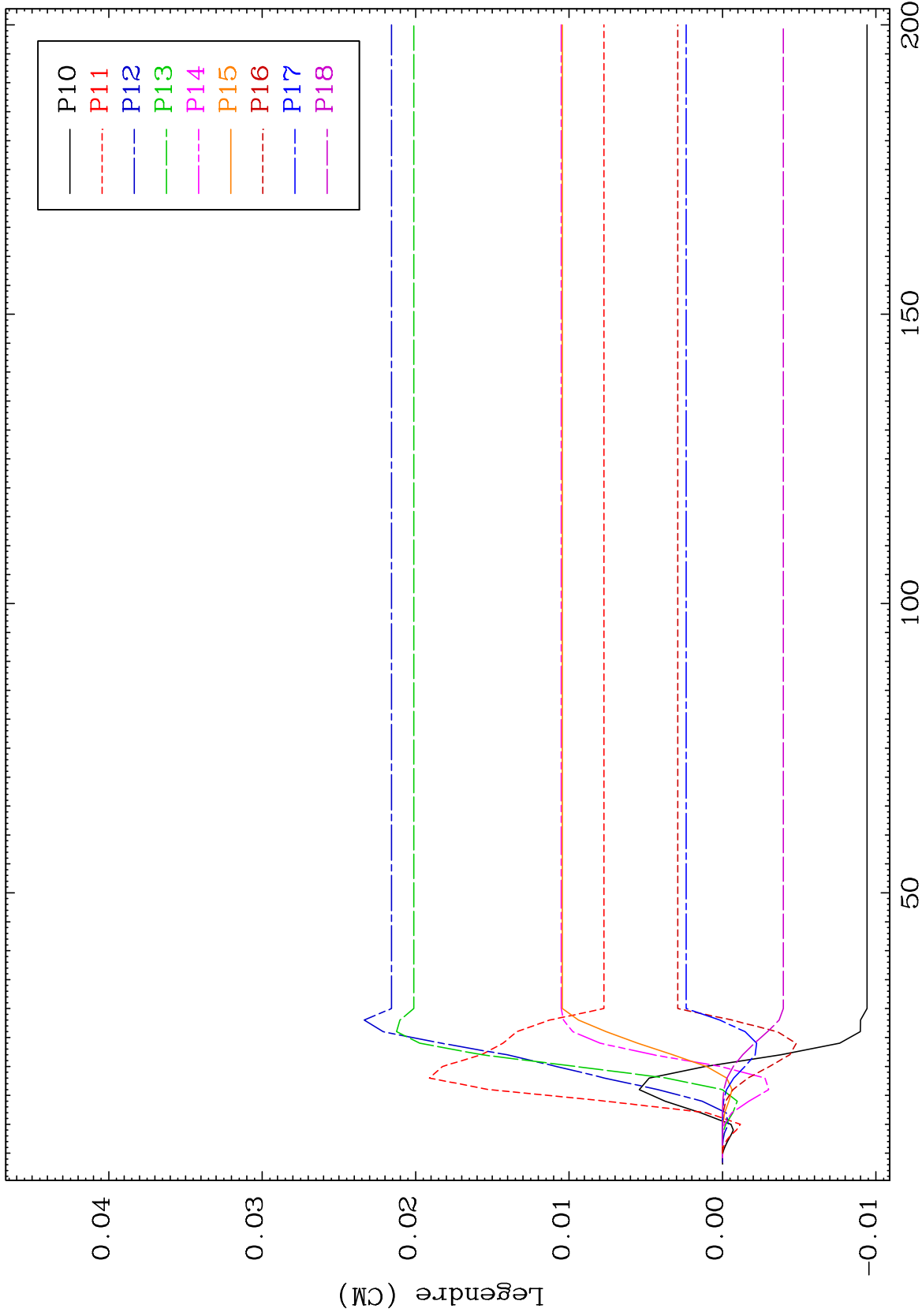
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



119

Incident Energy (MeV)

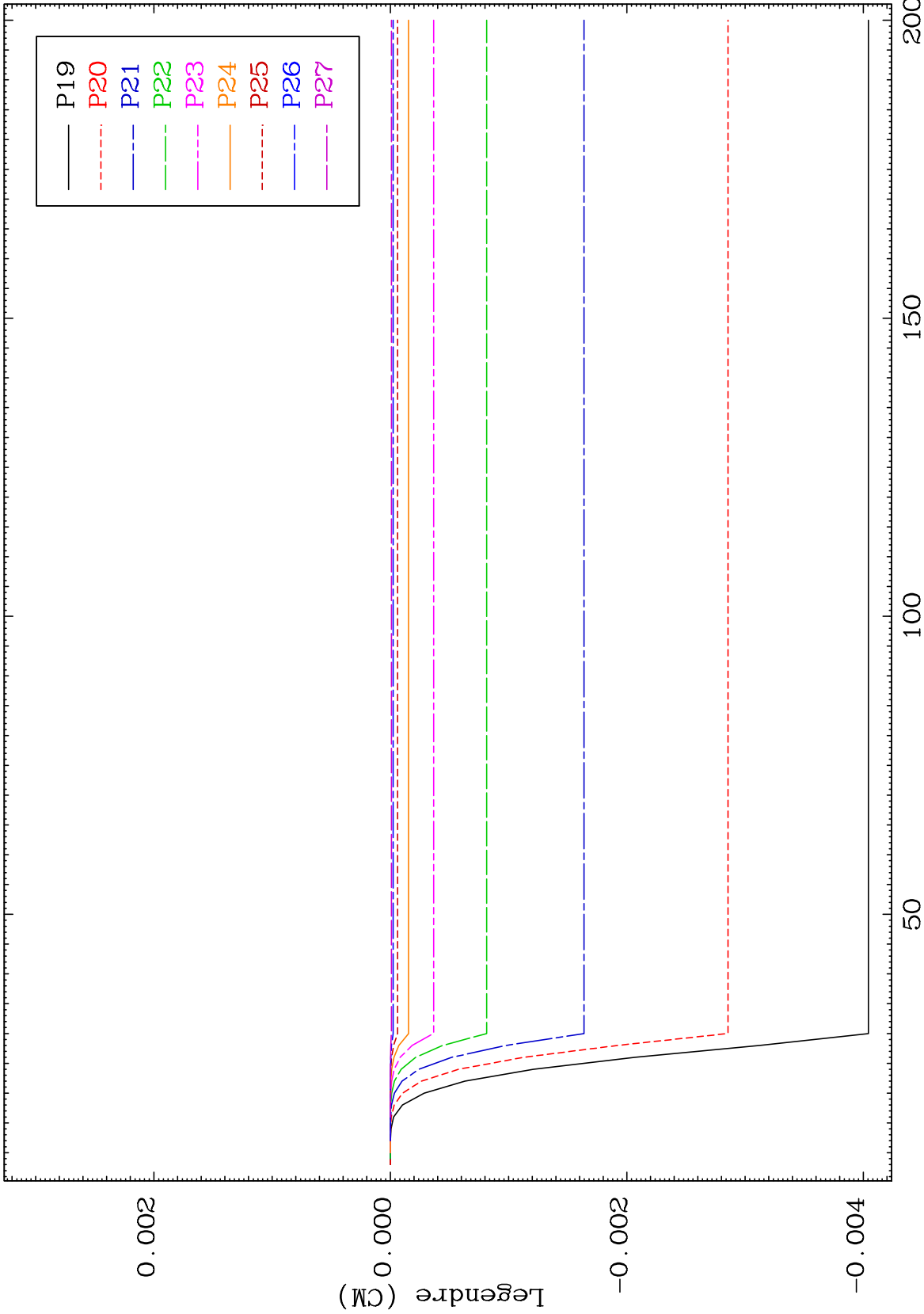
55-Cs-143



MAT 5555

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

55-Cs-143

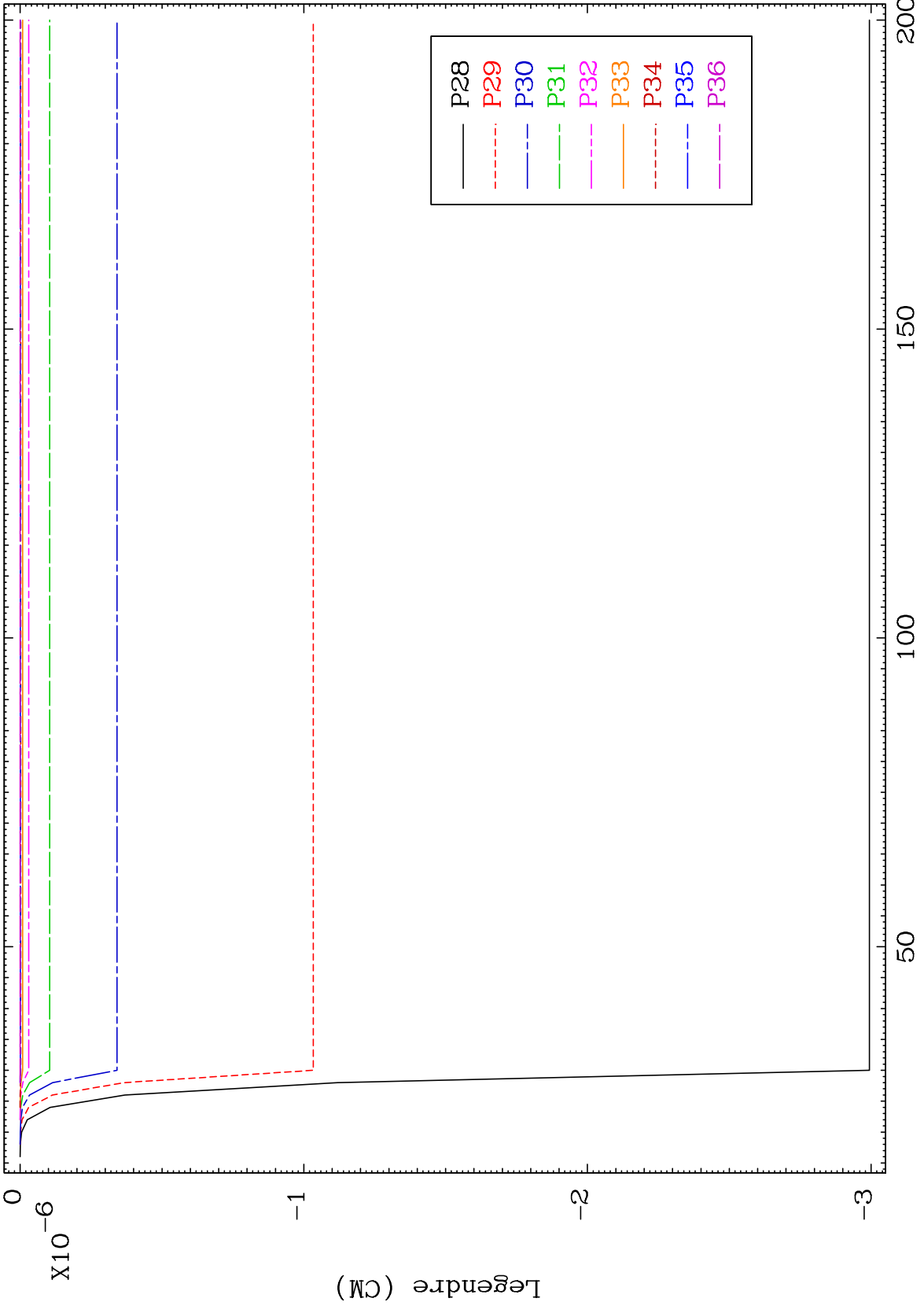


120

Incident Energy (MeV)

55-Cs-143

MAT 5555 MT= 78 (n,n') Level Legendre Coefficients 55-Cs-143

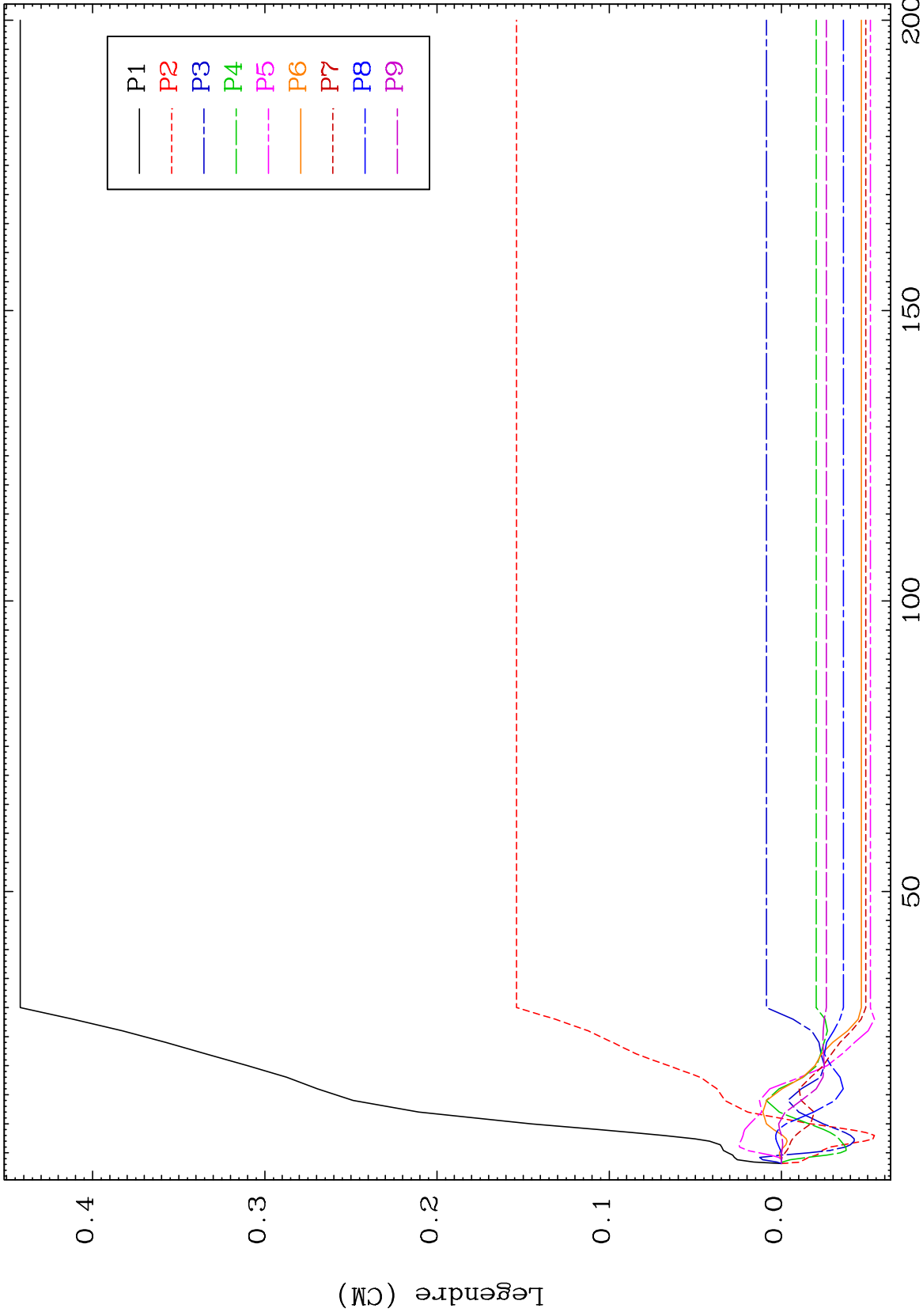


121 55-Cs-143

MAT 5555

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

55-Cs-143



122

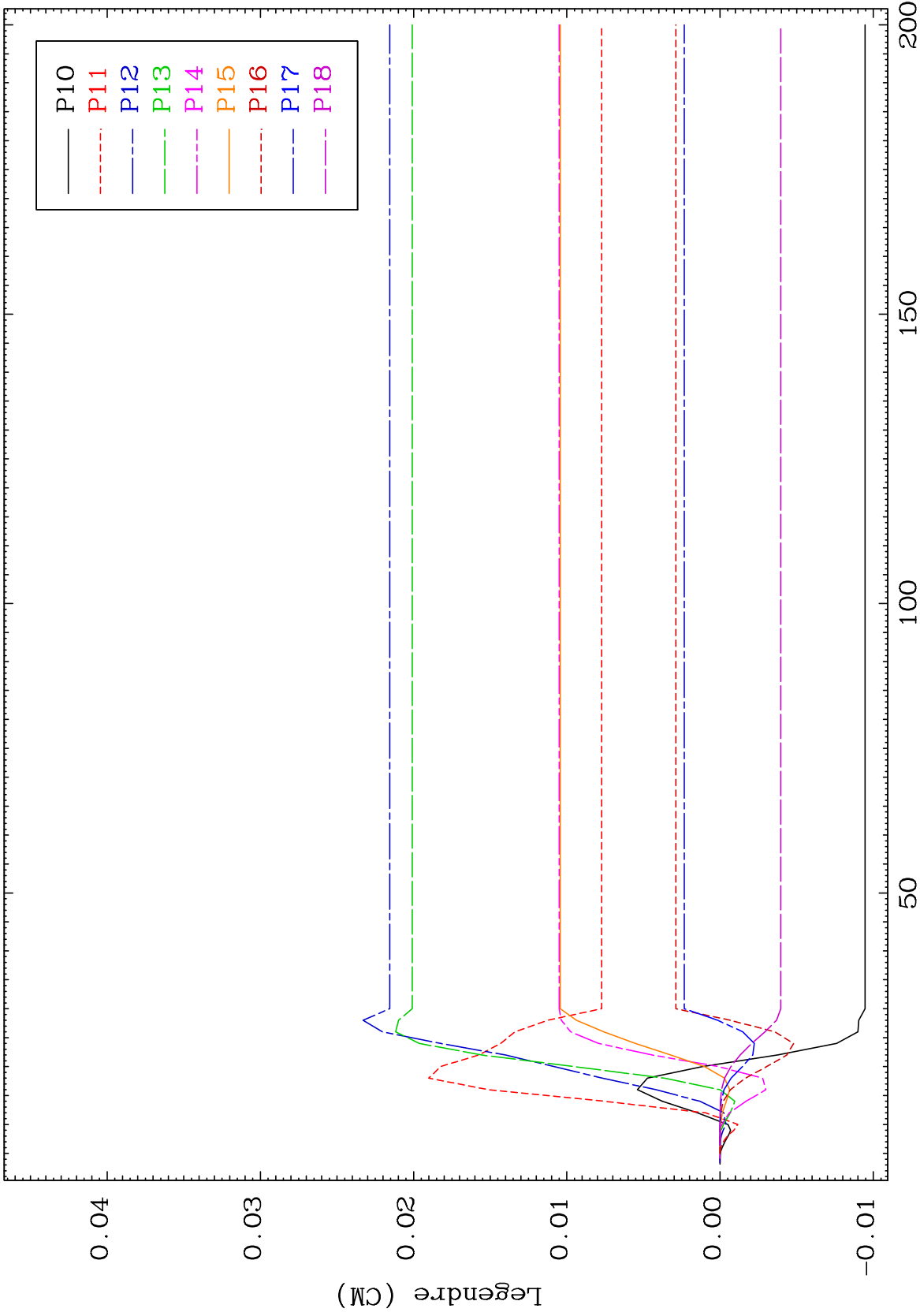
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143



123

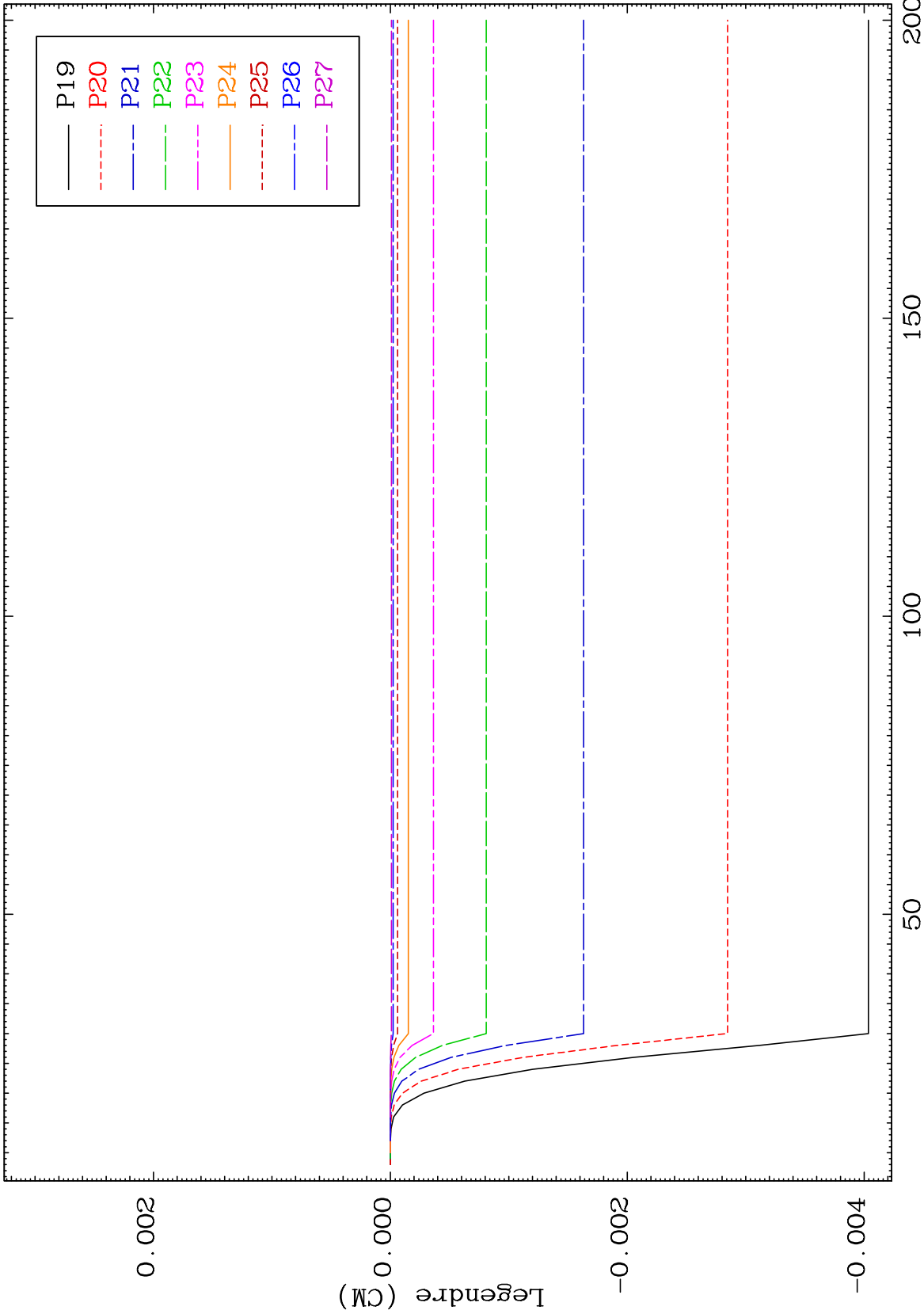
Incident Energy (MeV)

55-Cs-143

MAT 5555

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

55-Cs-143

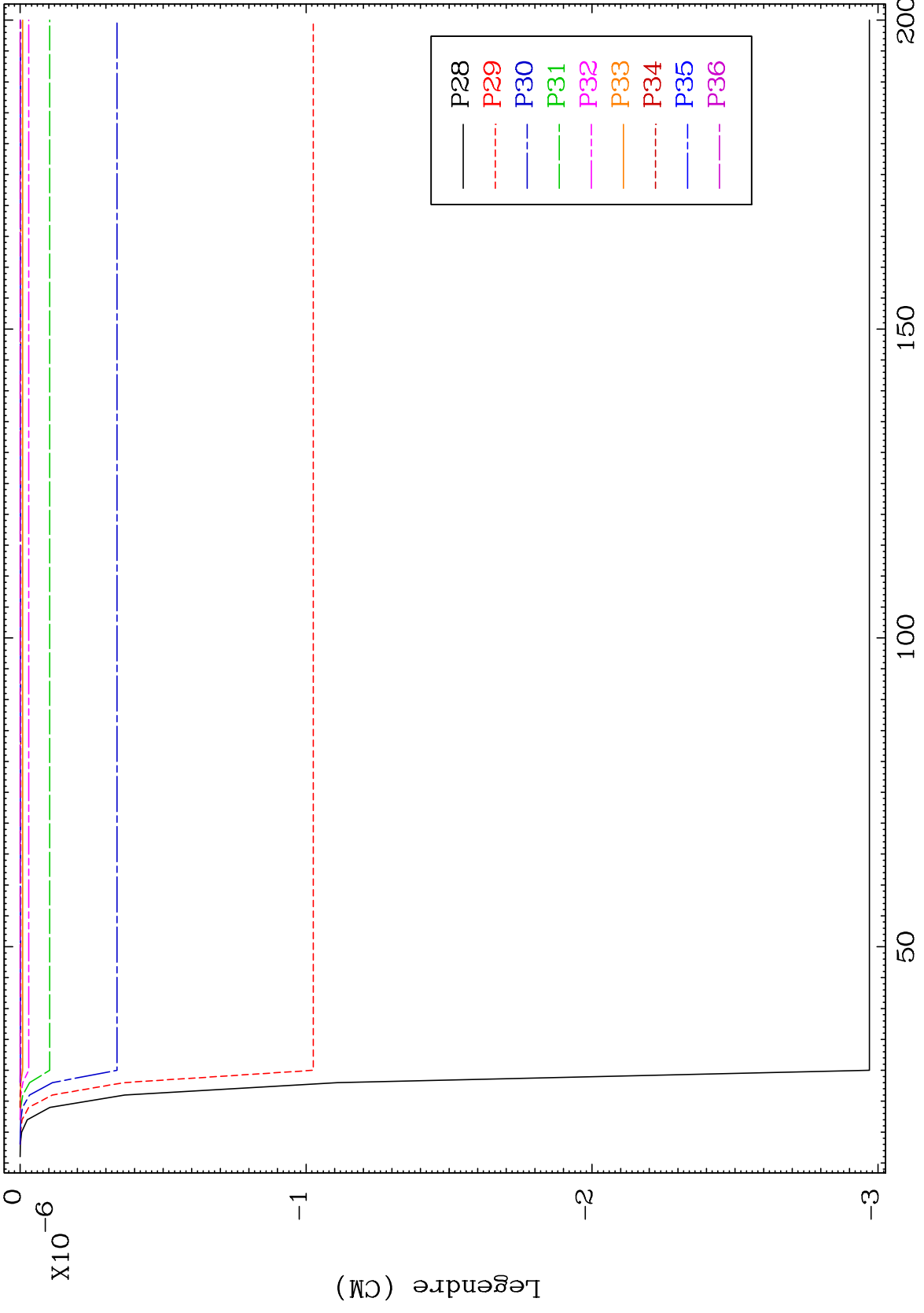


124

Incident Energy (MeV)

55-Cs-143

MAT 5555 MT= 79 (n,n') Level Legendre Coefficients 55-Cs-143

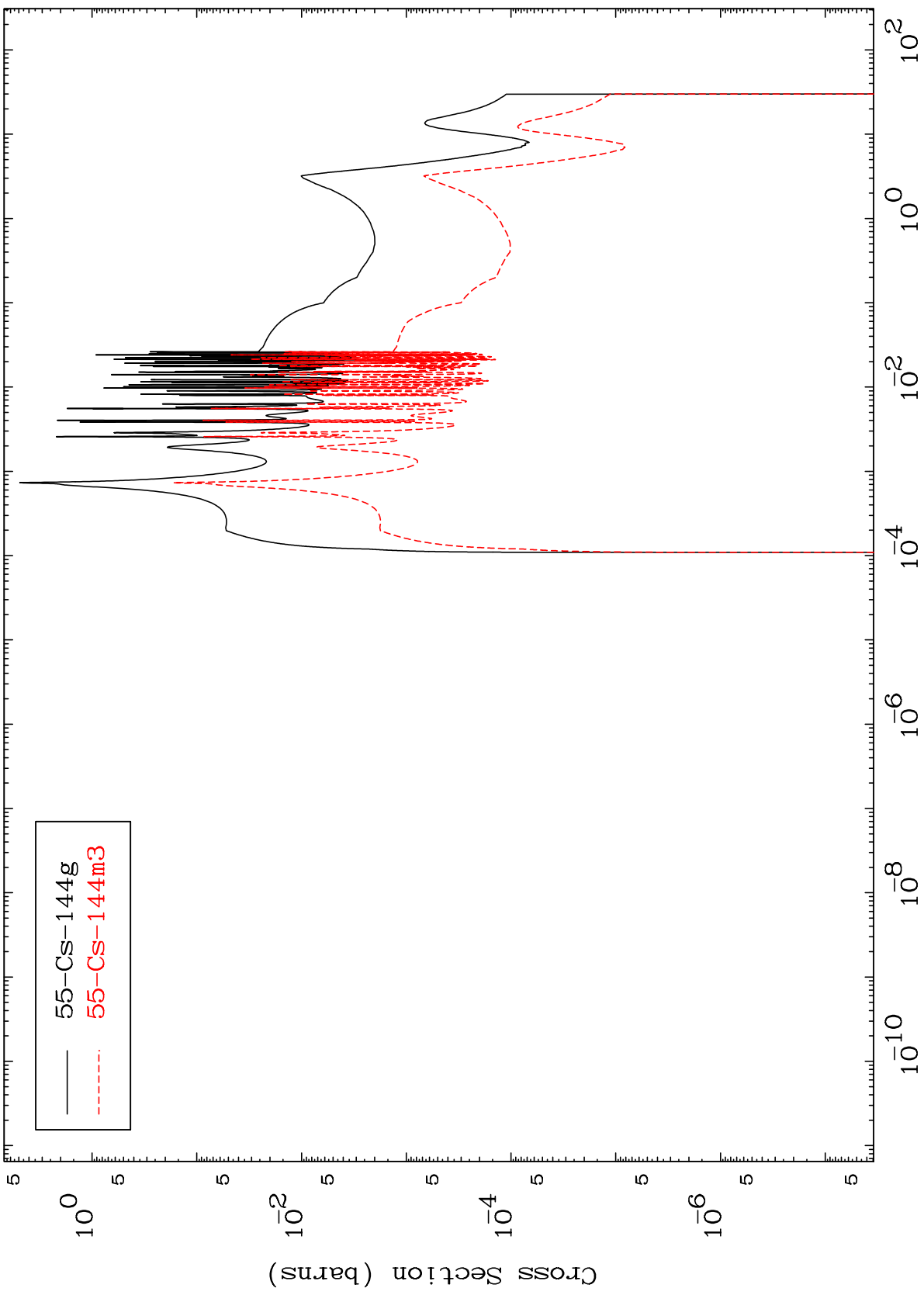


125 50 100 150 200 Incident Energy (MeV) 55-Cs-143

MAT 5555

Radionuclide Production Cross Section  
(n,γ)

55-Cs-143



126

55-Cs-143