

Program EVALPLOT  
(Version 2018-1)

by

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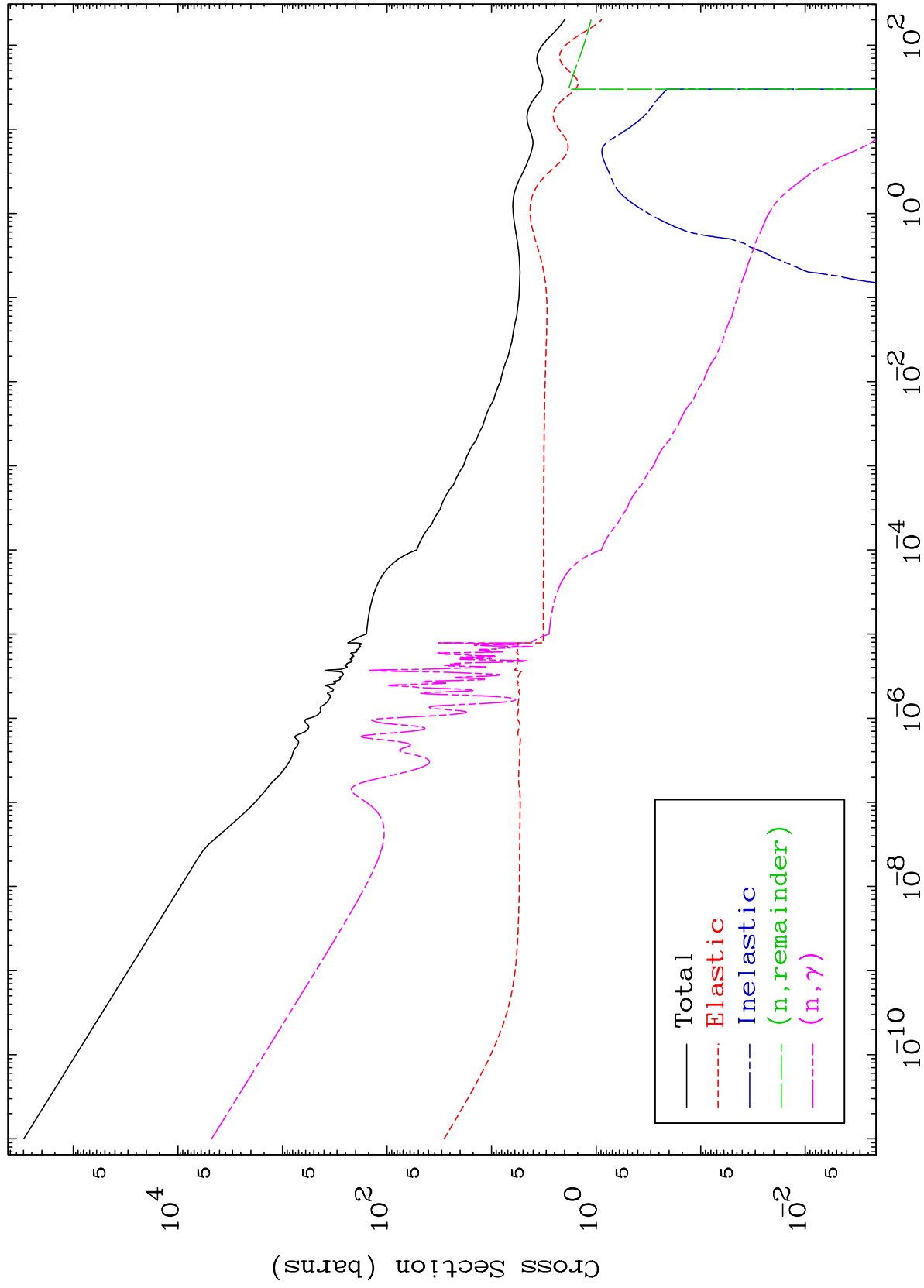
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5486

Major  
293 Kelvin Cross Sections

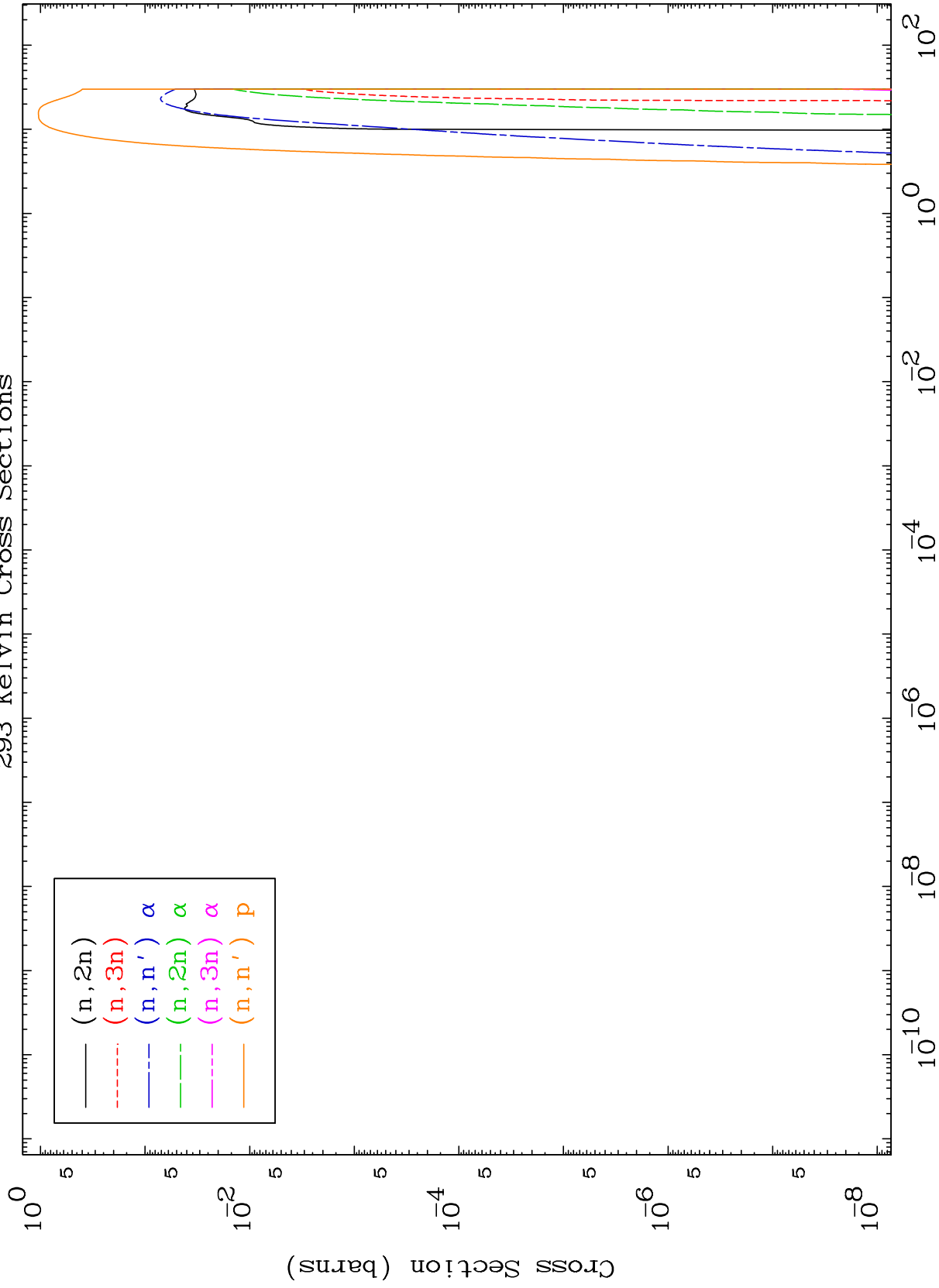
55-Cs-120



MAT 5486

Neutron Production  
293 Kelvin Cross Sections

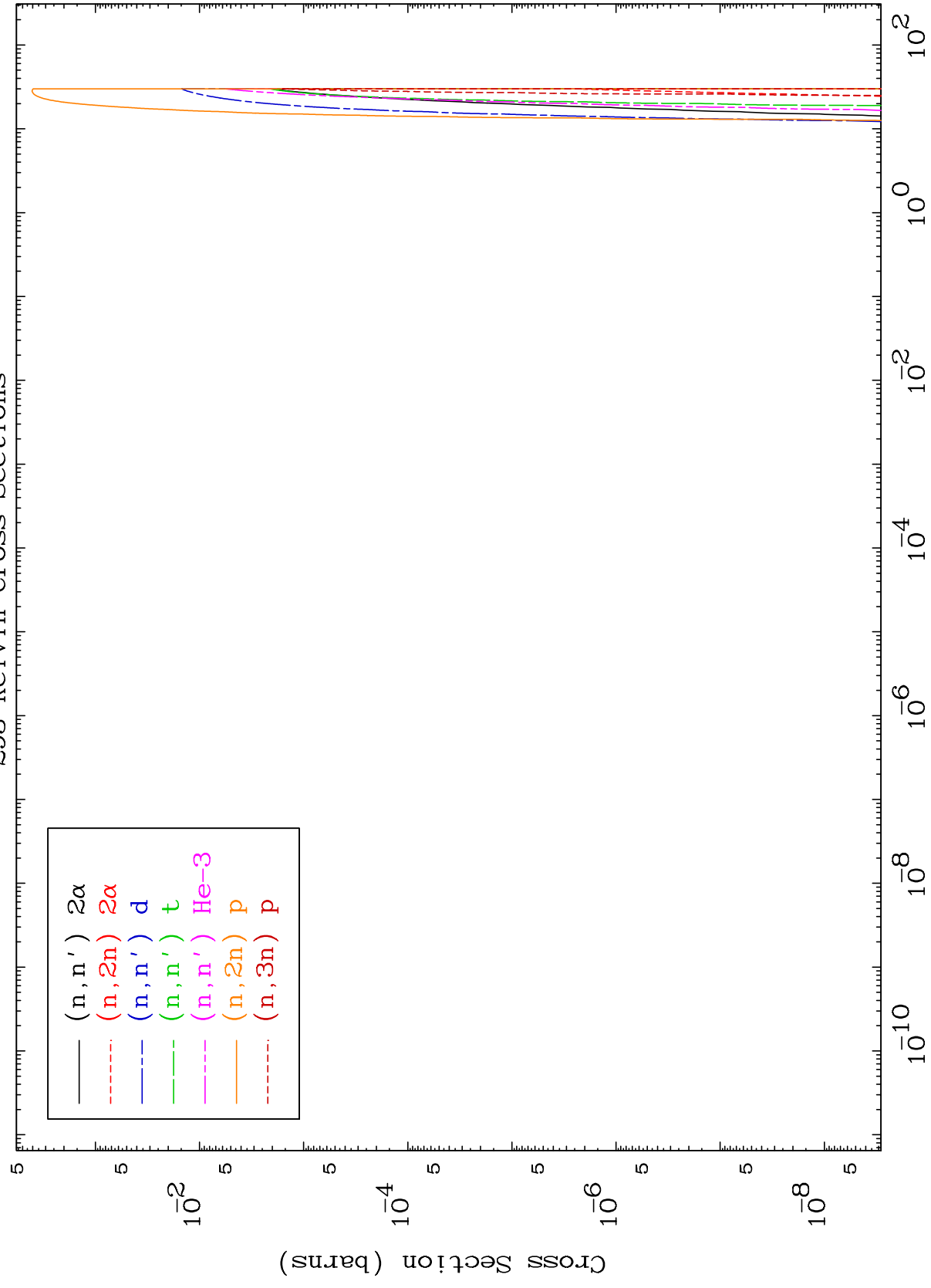
55-Cs-120



MAT 5486

Neutron Production  
293 Kelvin Cross Sections

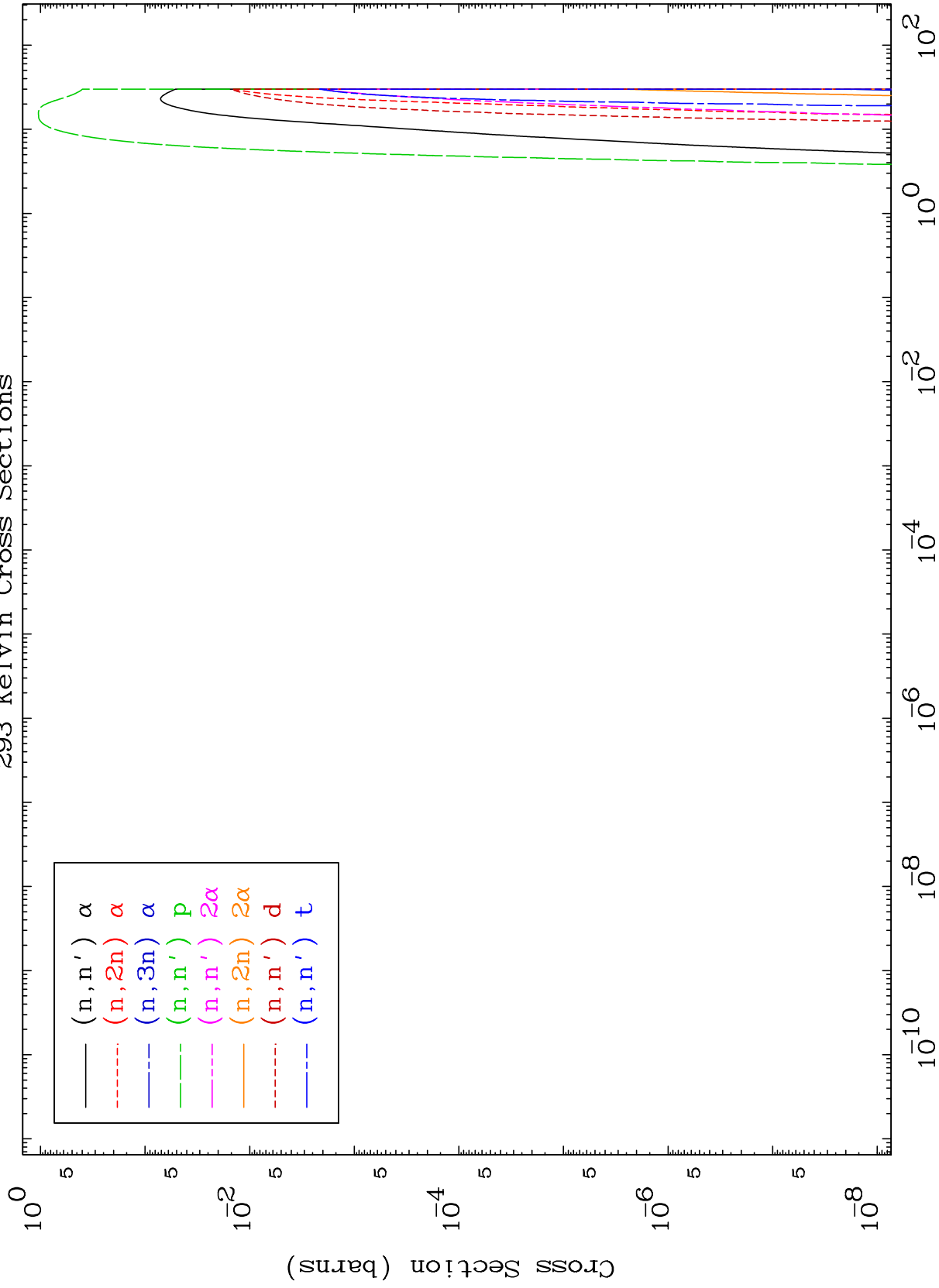
55-Cs-120



MAT 5486

293 Charged Particle  
Kelvin Cross Sections

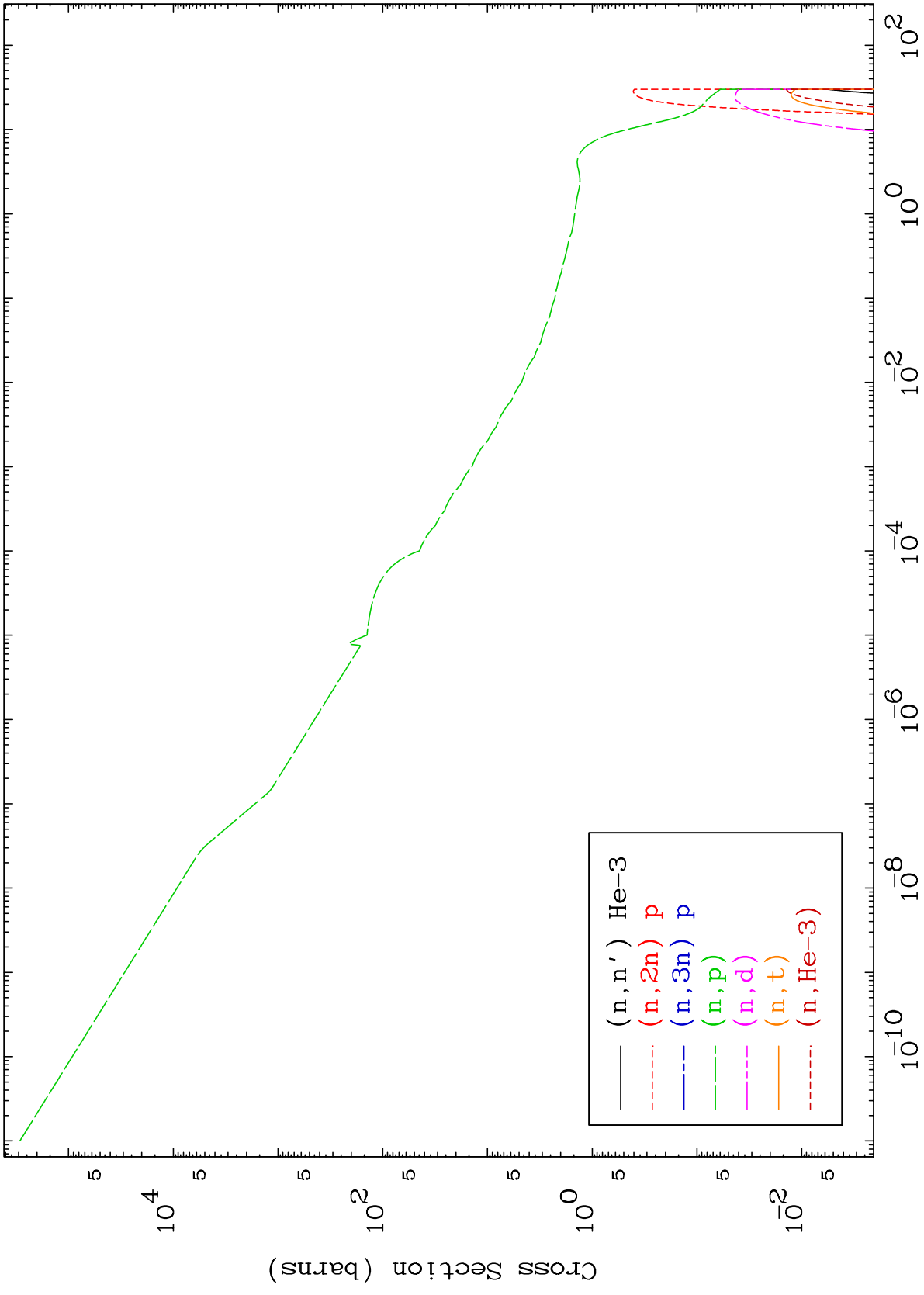
55-Cs-120



MAT 5486

Charged Particle  
293 Kelvin Cross Sections

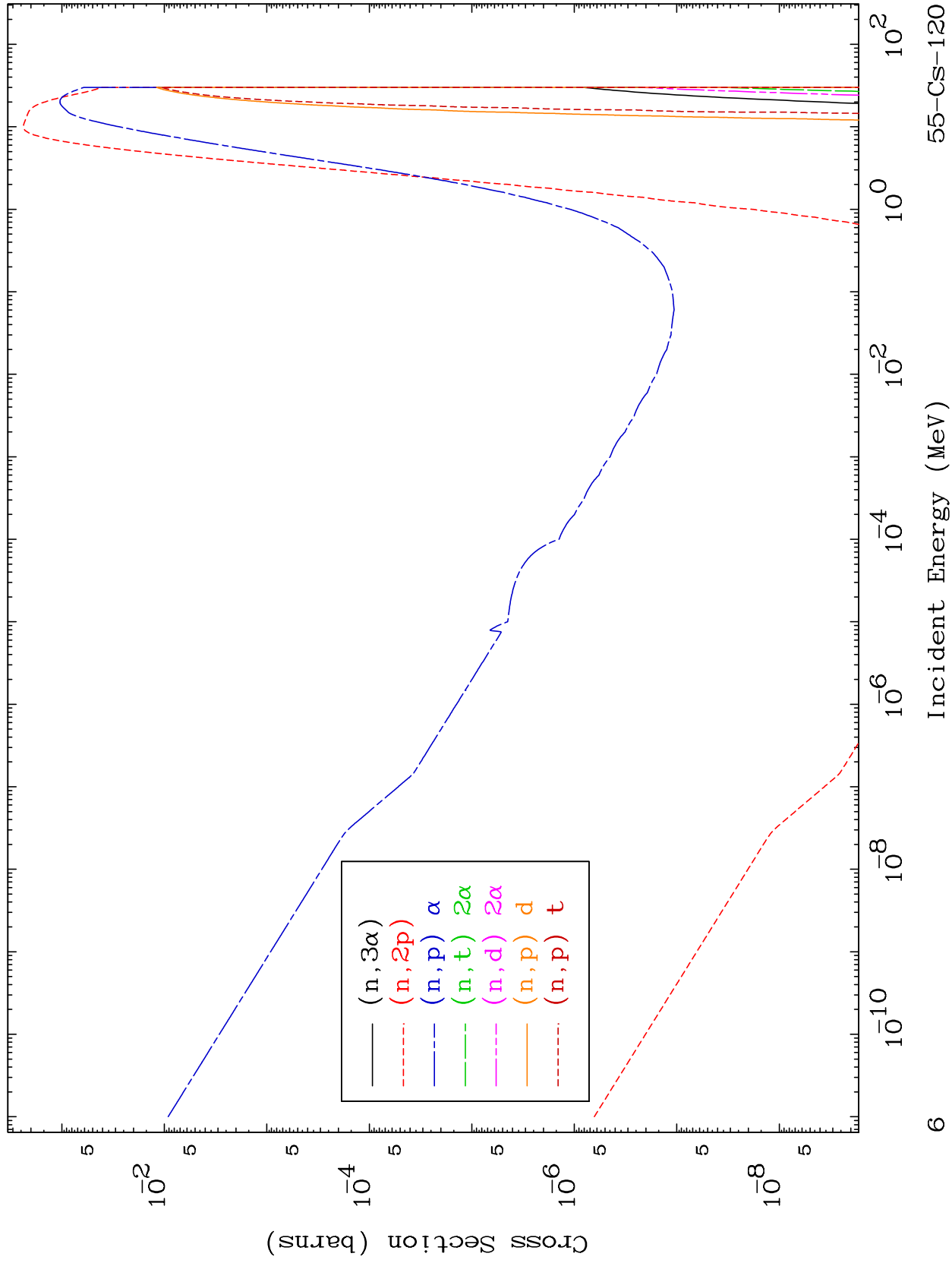
55-Cs-120



MAT 5486

293 Kelvin Cross Sections

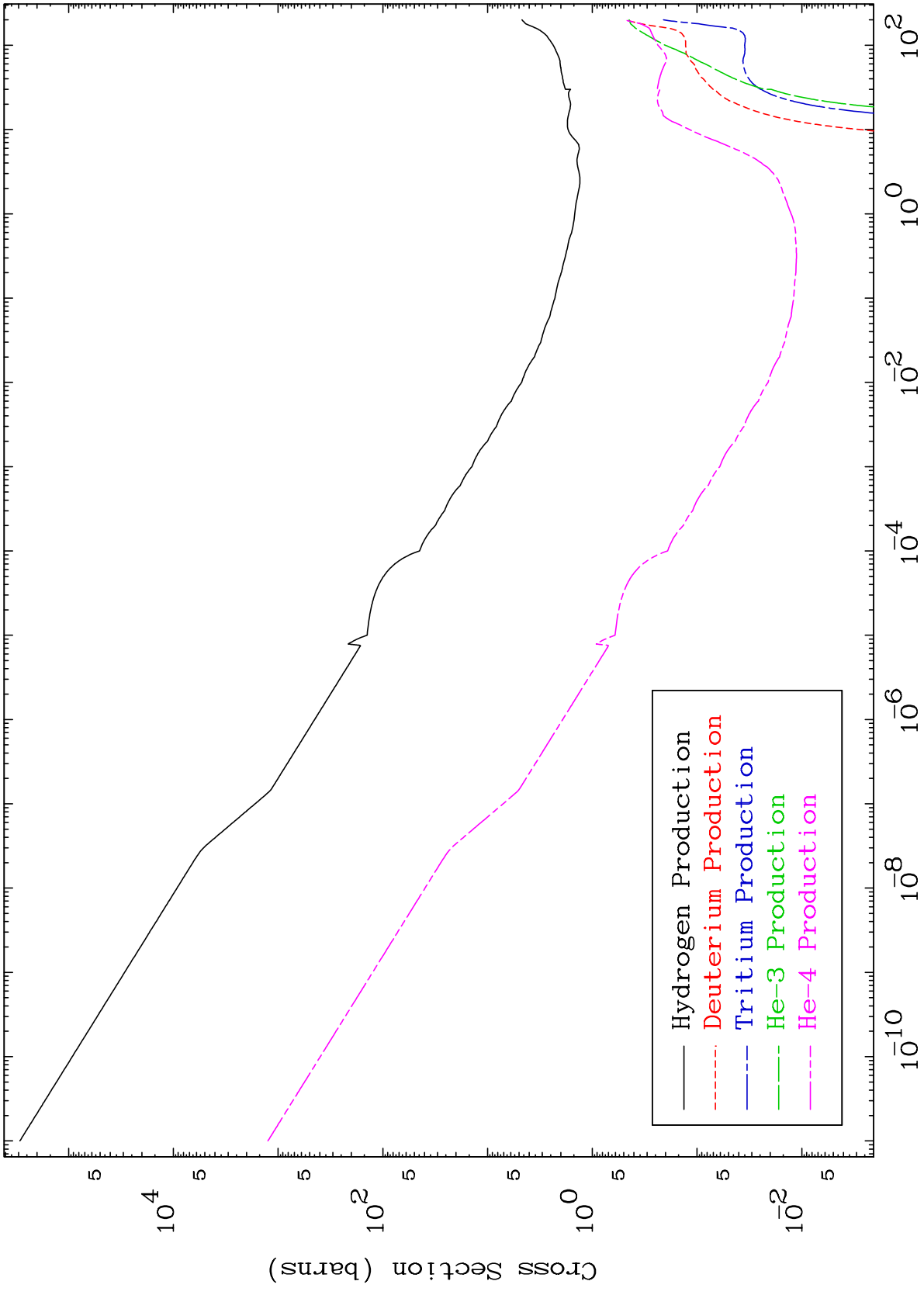
55-Cs-120



MAT 5486

Particle Production  
293 Kelvin Cross Sections

55-Cs-120



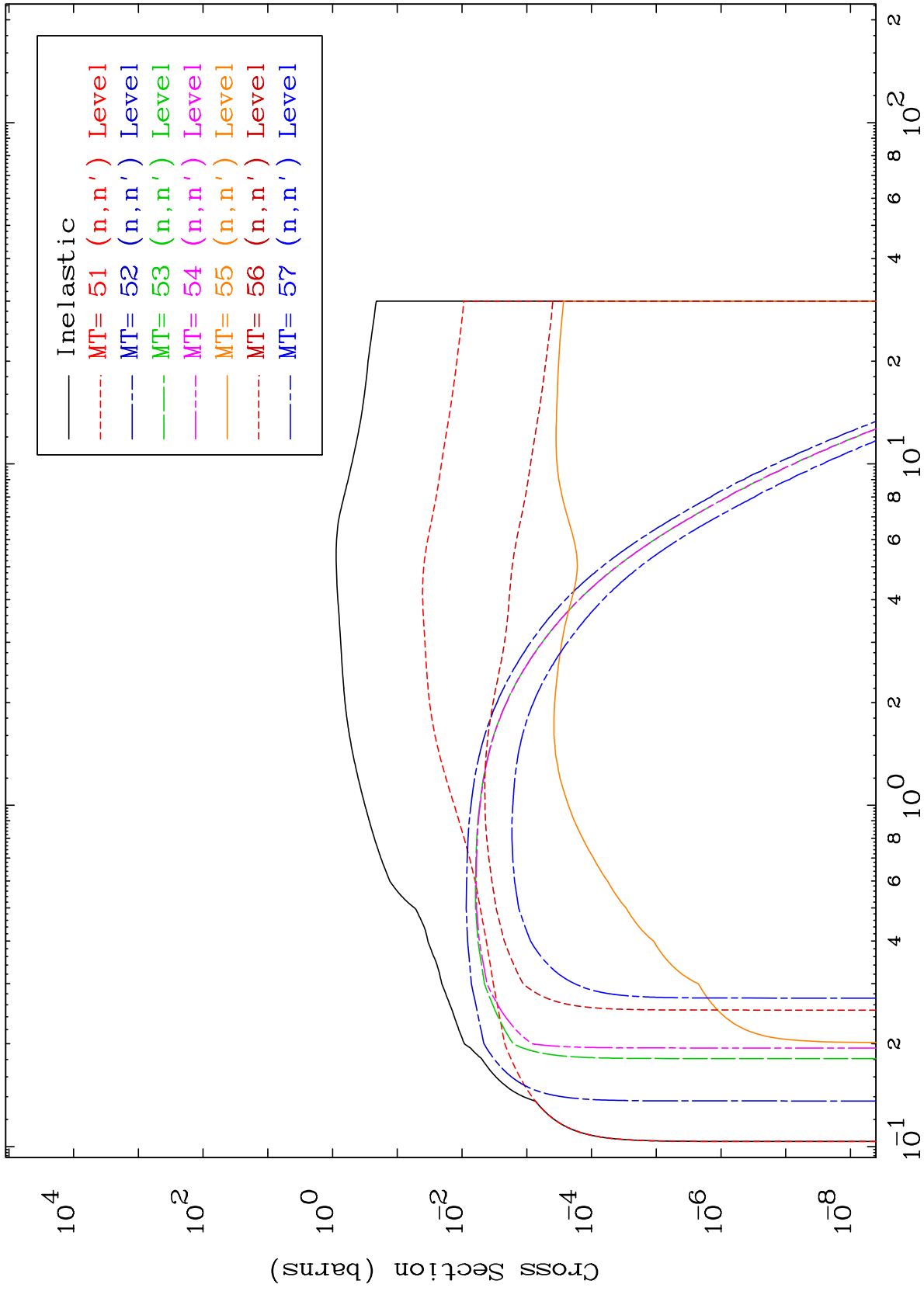
55-Cs-120



MAT 5486

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-120



8

Incident Energy (MeV)

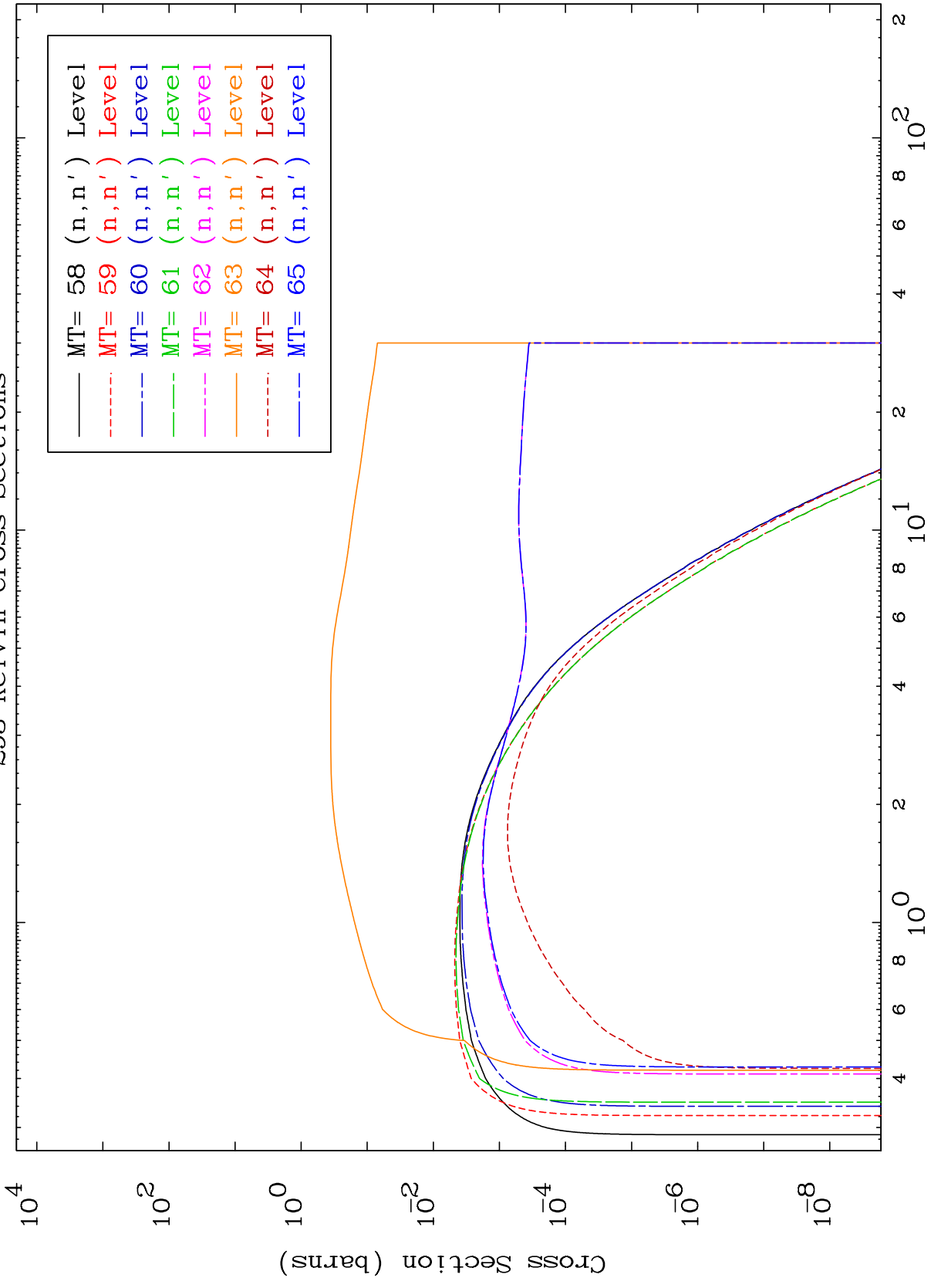
55-Cs-120

MAT 5486

(n,n') Level

55-Cs-120

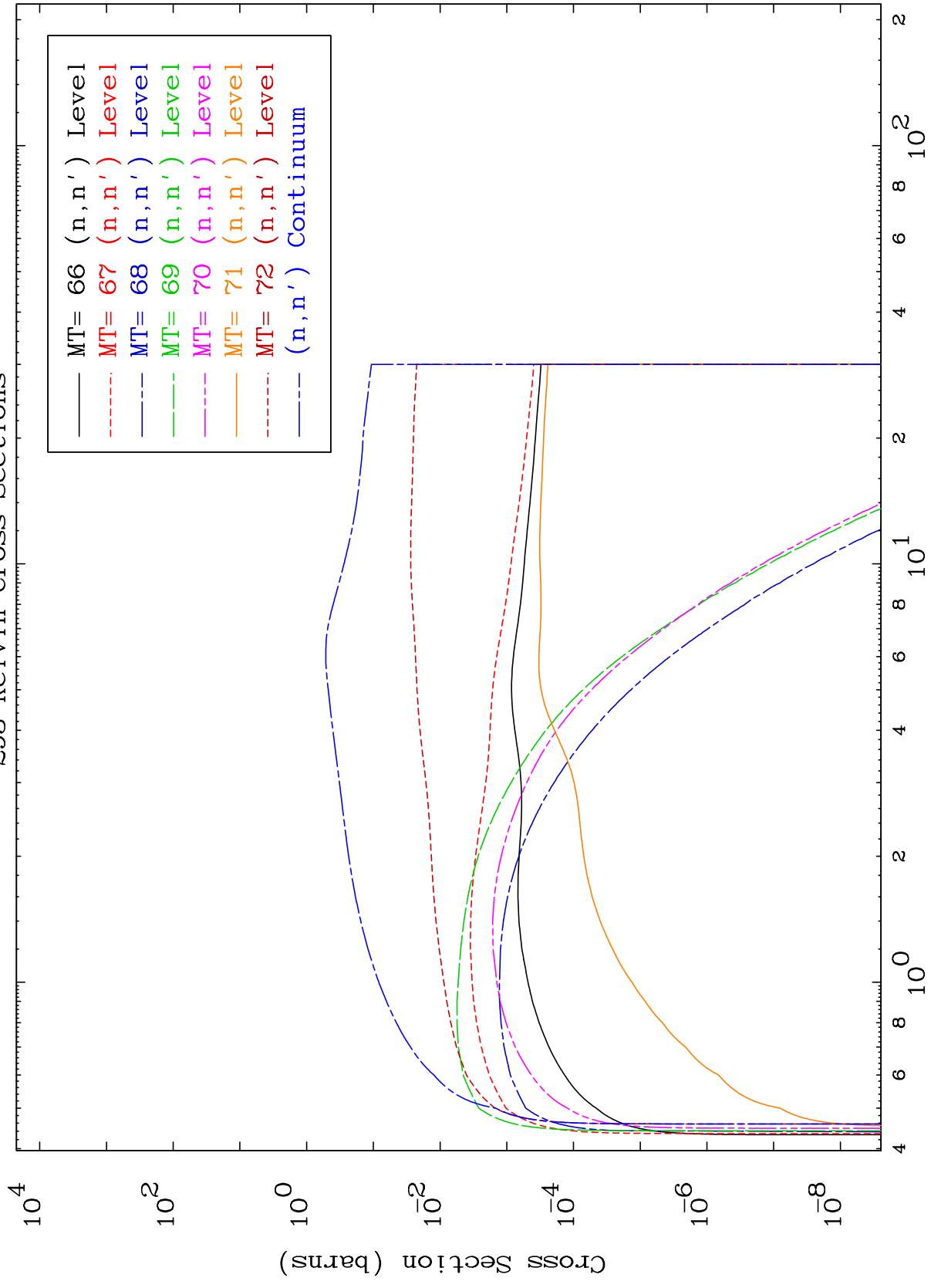
293 Kelvin Cross Sections



MAT 5486

(n,n') Level  
293 Kelvin Cross Sections

55-Cs-120



10

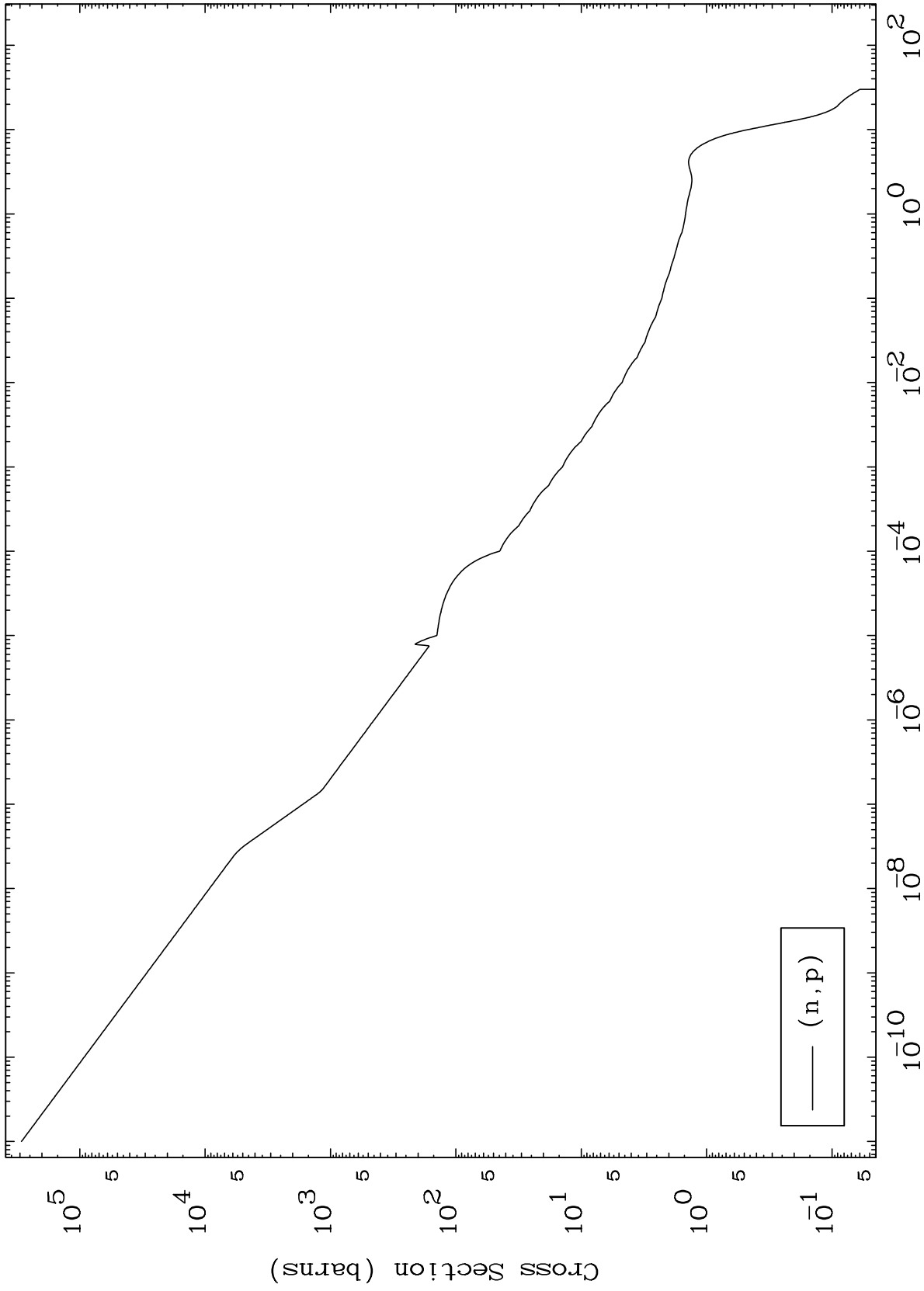
Incident Energy (MeV)

55-Cs-120

MAT 5486

(n,p) Levels  
293 Kelvin Cross Sections

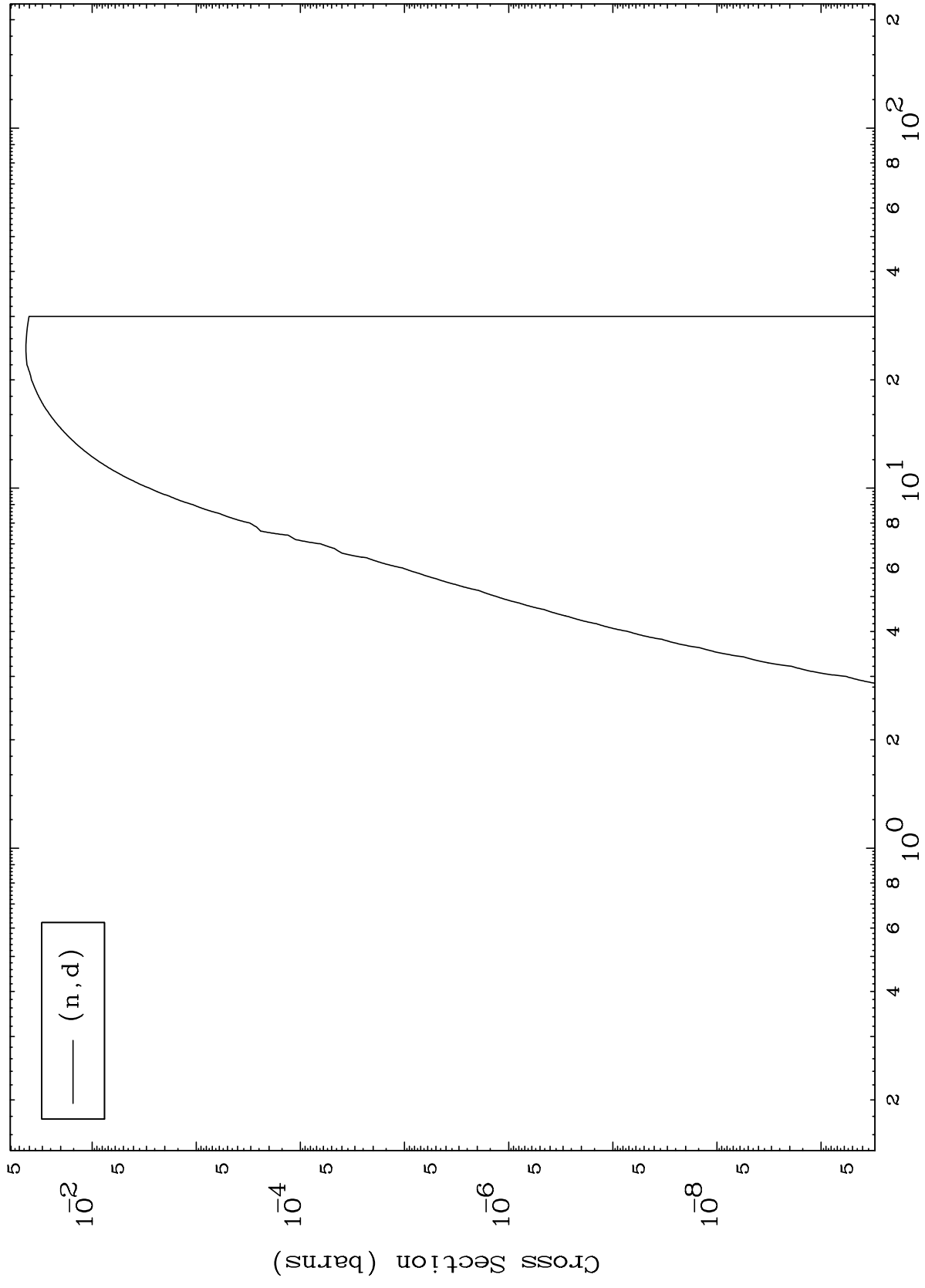
55-Cs-120



MAT 5486

(n,d) Levels  
293 Kelvin Cross Sections

55-Cs-120



12

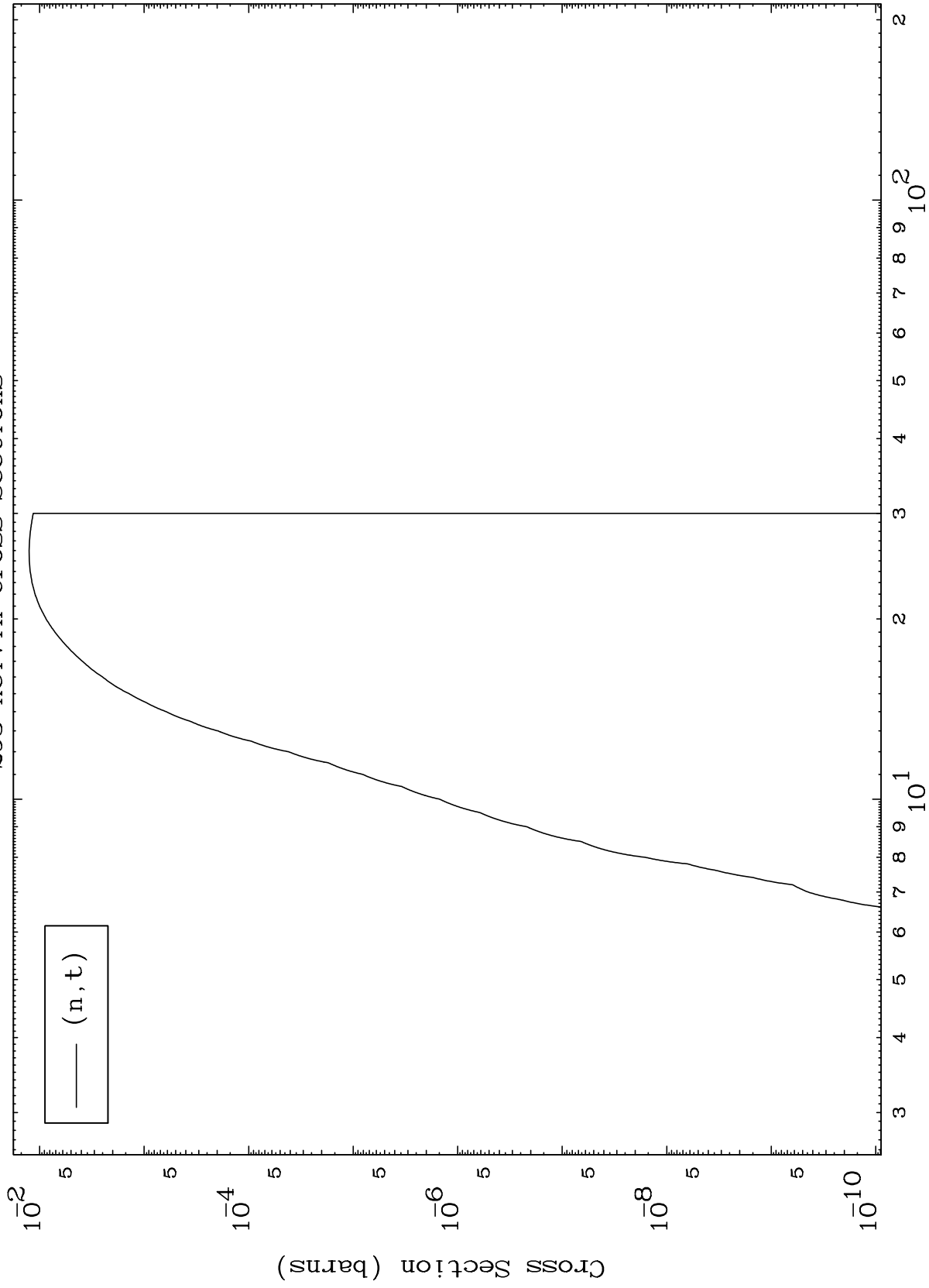
Incident Energy (MeV)

55-Cs-120

MAT 5486

(n,t) Levels  
293 Kelvin Cross Sections

55-Cs-120



13

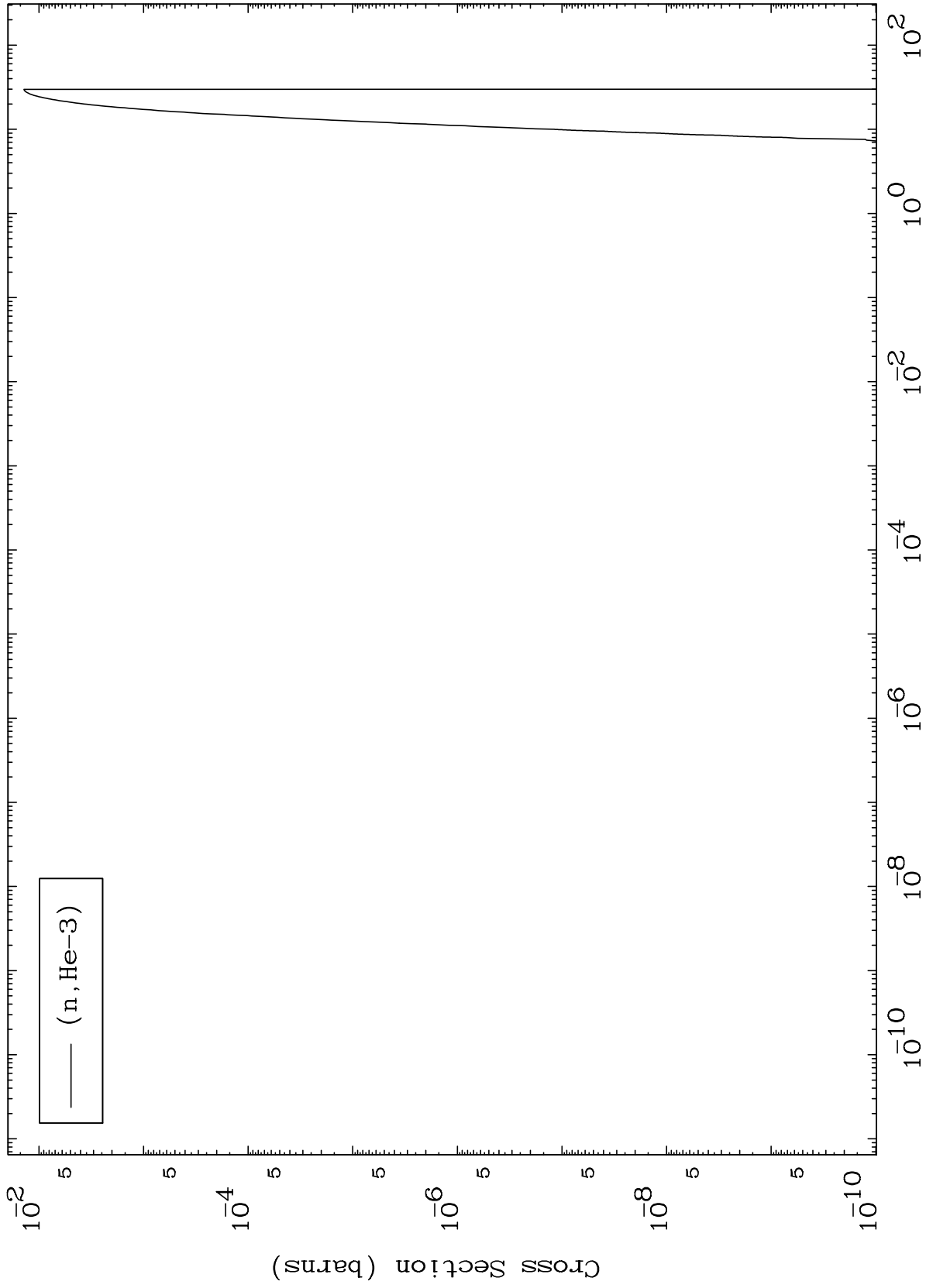
Incident Energy (MeV)

55-Cs-120

MAT 5486

(n,He3) Levels  
293 Kelvin Cross Sections

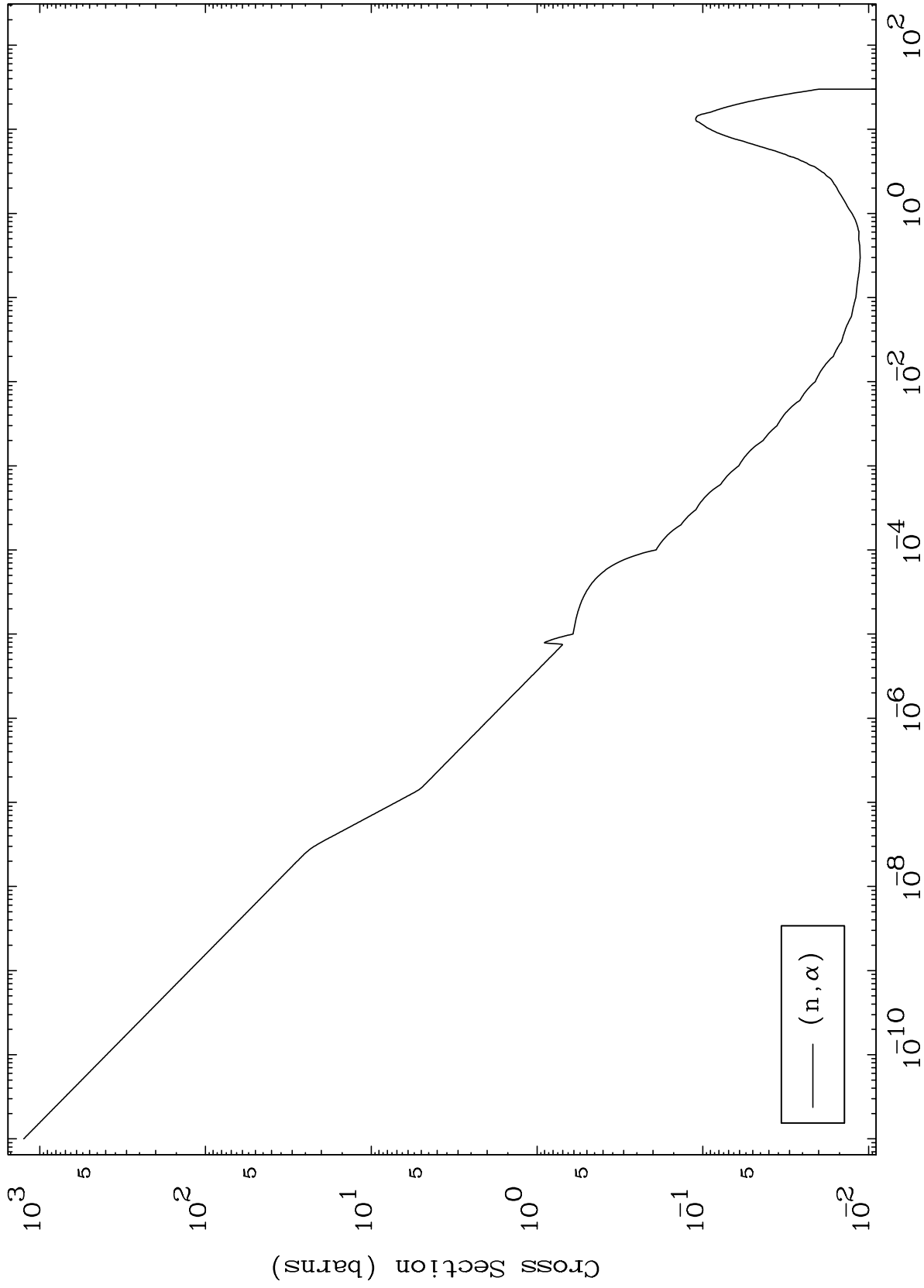
55-Cs-120



MAT 5486

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

55-Cs-120

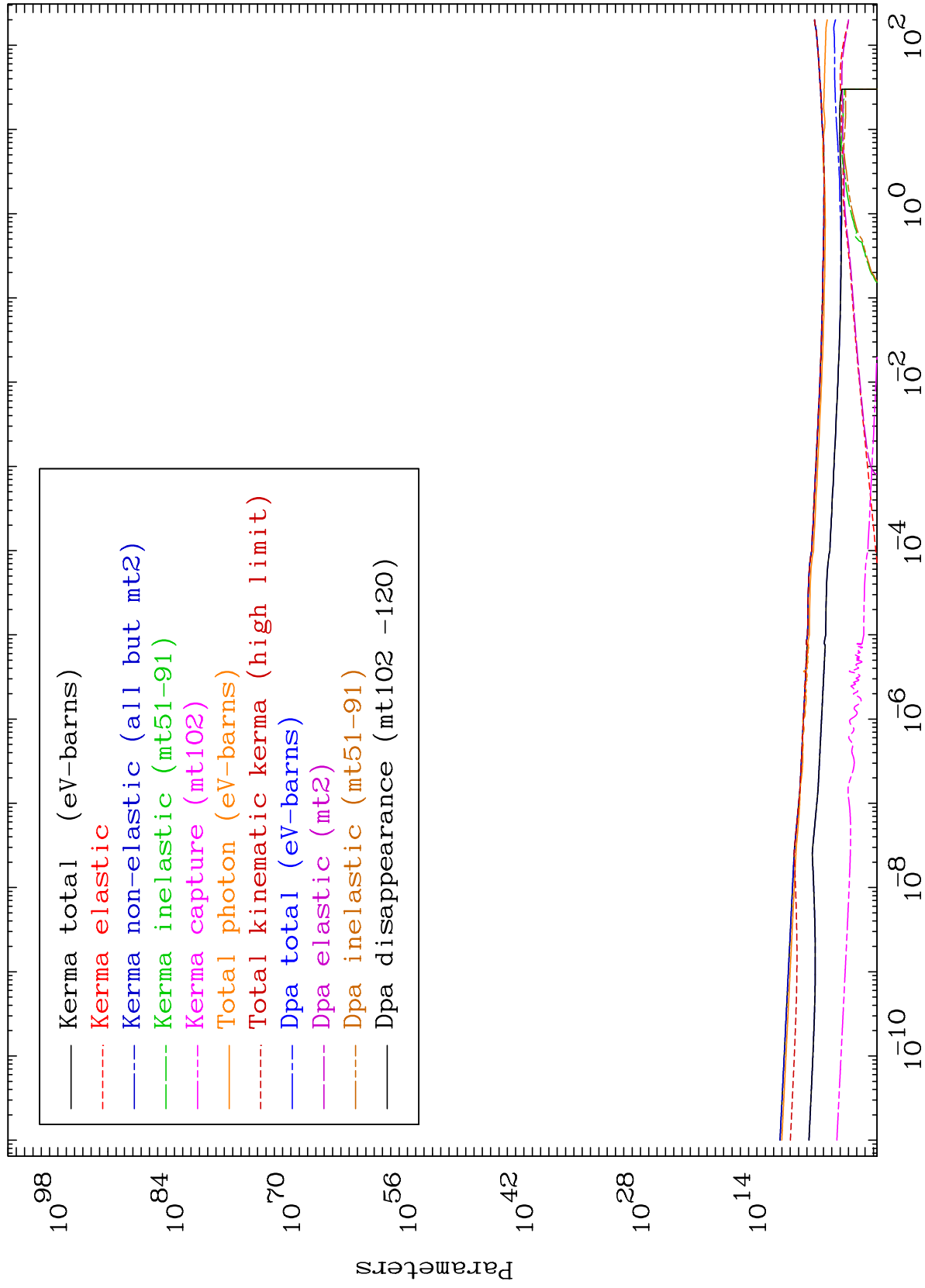


15

Incident Energy (MeV)

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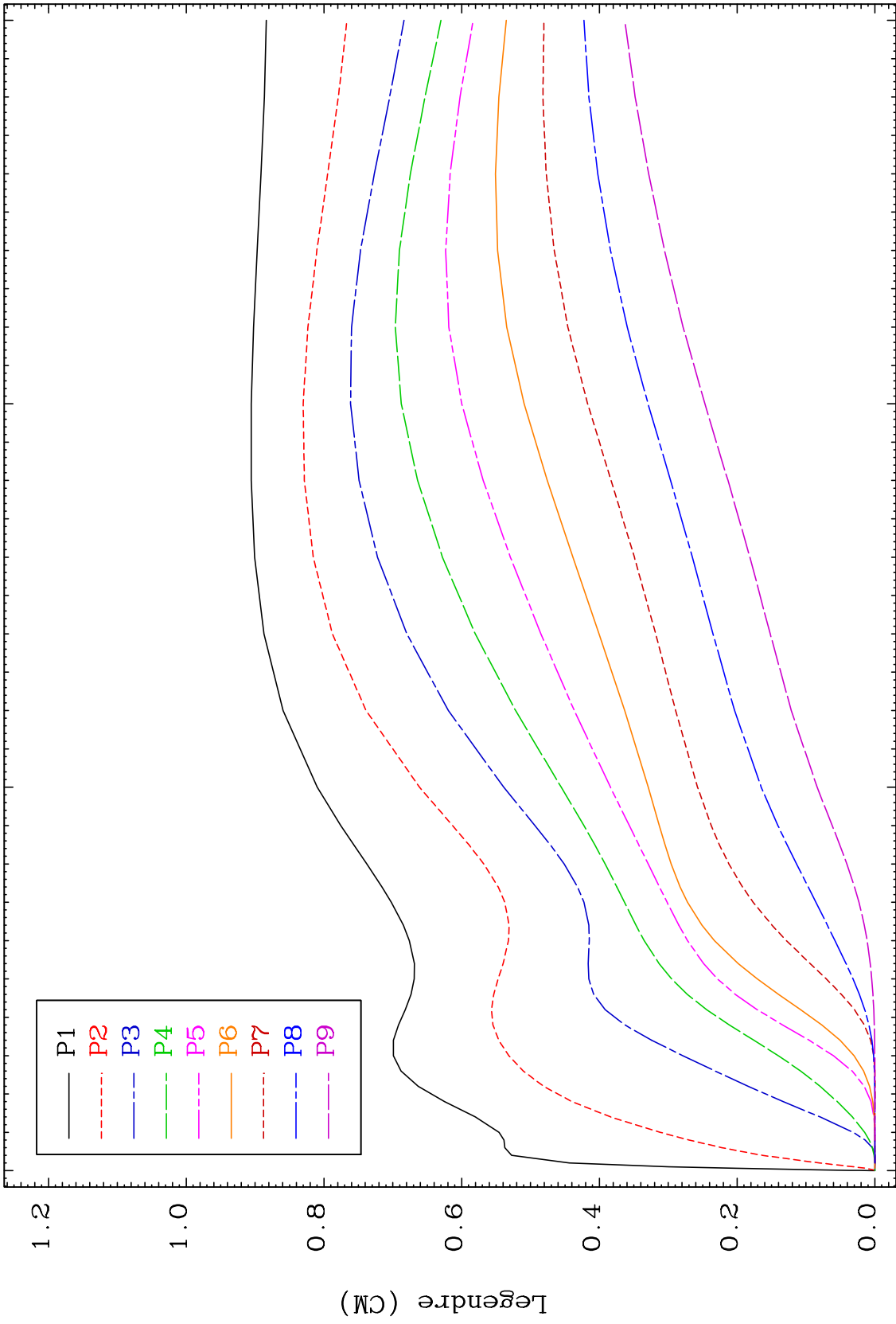




MAT 5486

Elastic Legendre Coefficients

55-Cs-120



17

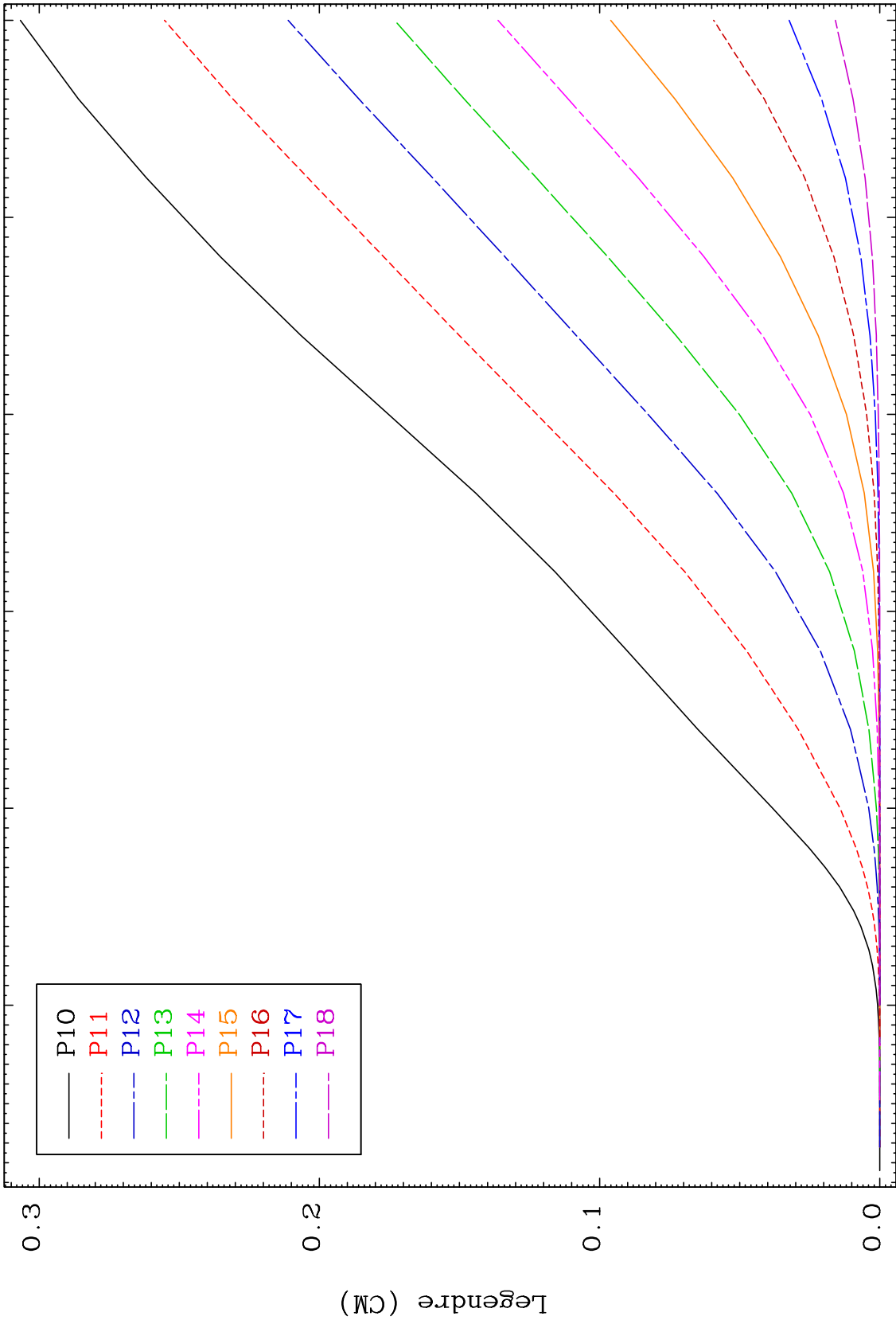
Incident Energy (MeV)

55-Cs-120

MAT 5486

Elastic Legendre Coefficients

55-Cs-120



18

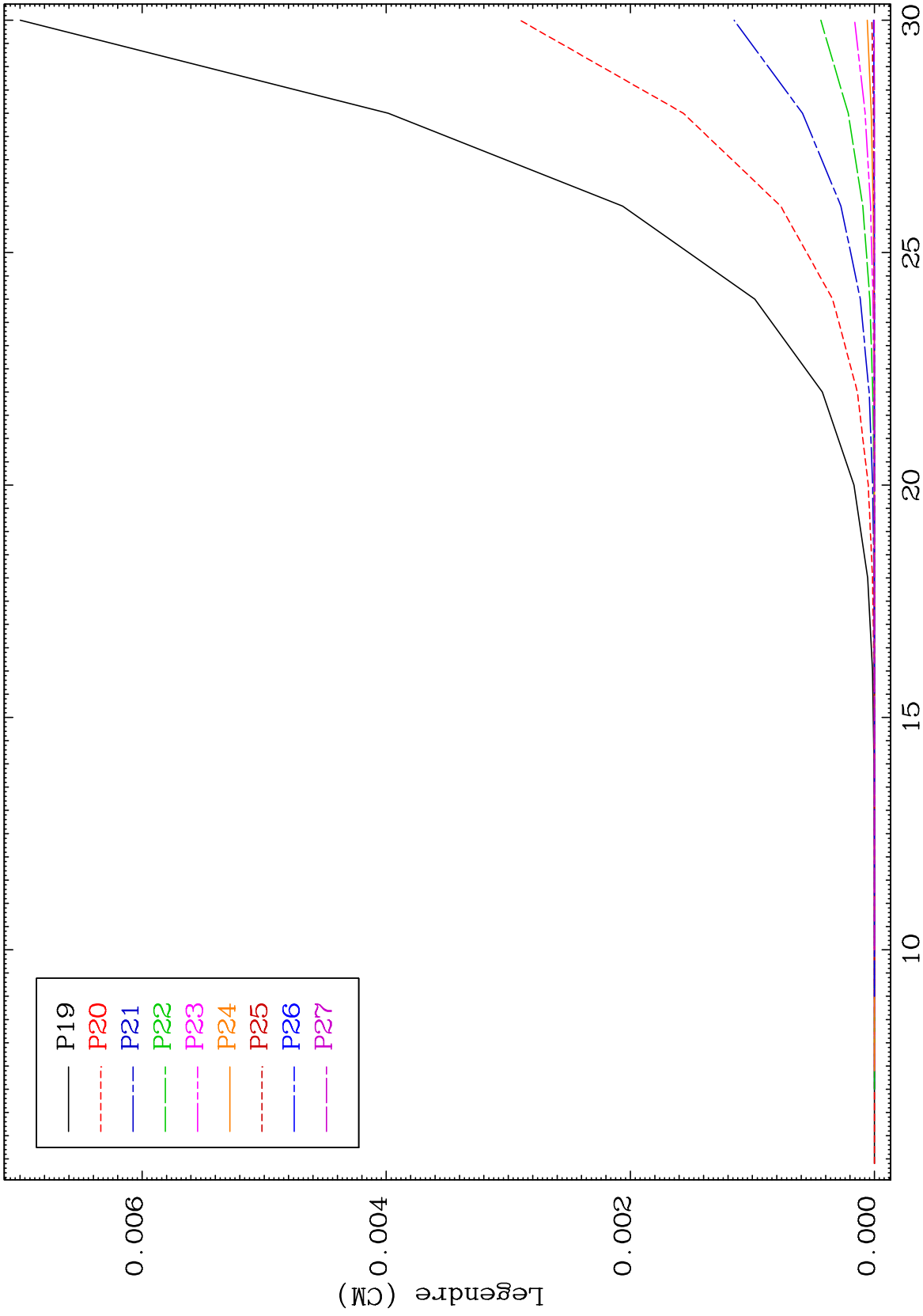
Incident Energy (MeV)

55-Cs-120

MAT 5486

### Elastic Legendre Coefficients

55-Cs-120



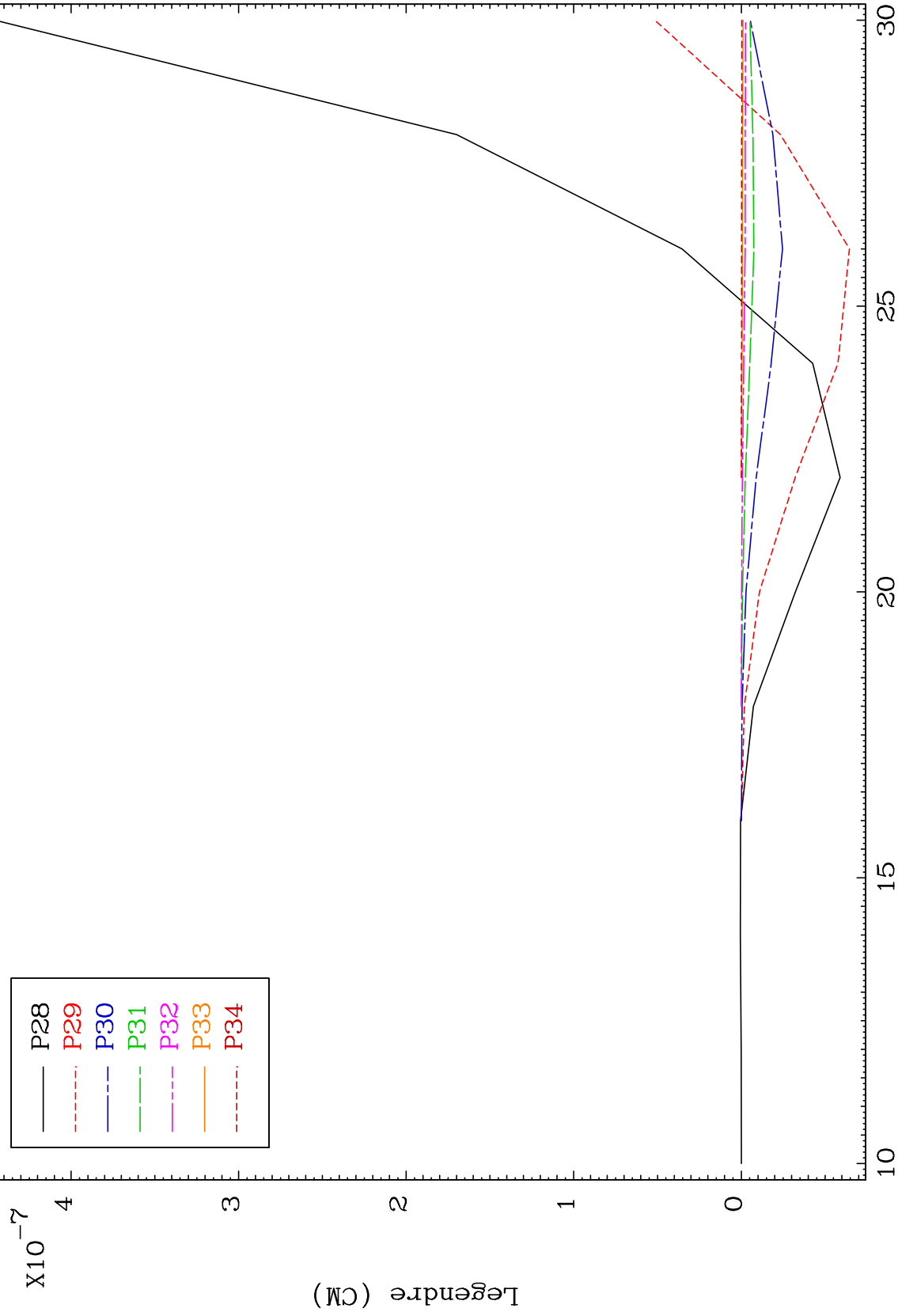
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55-Cs-120

MAT 5486

Elastic Legendre Coefficients

55-Cs-120



20

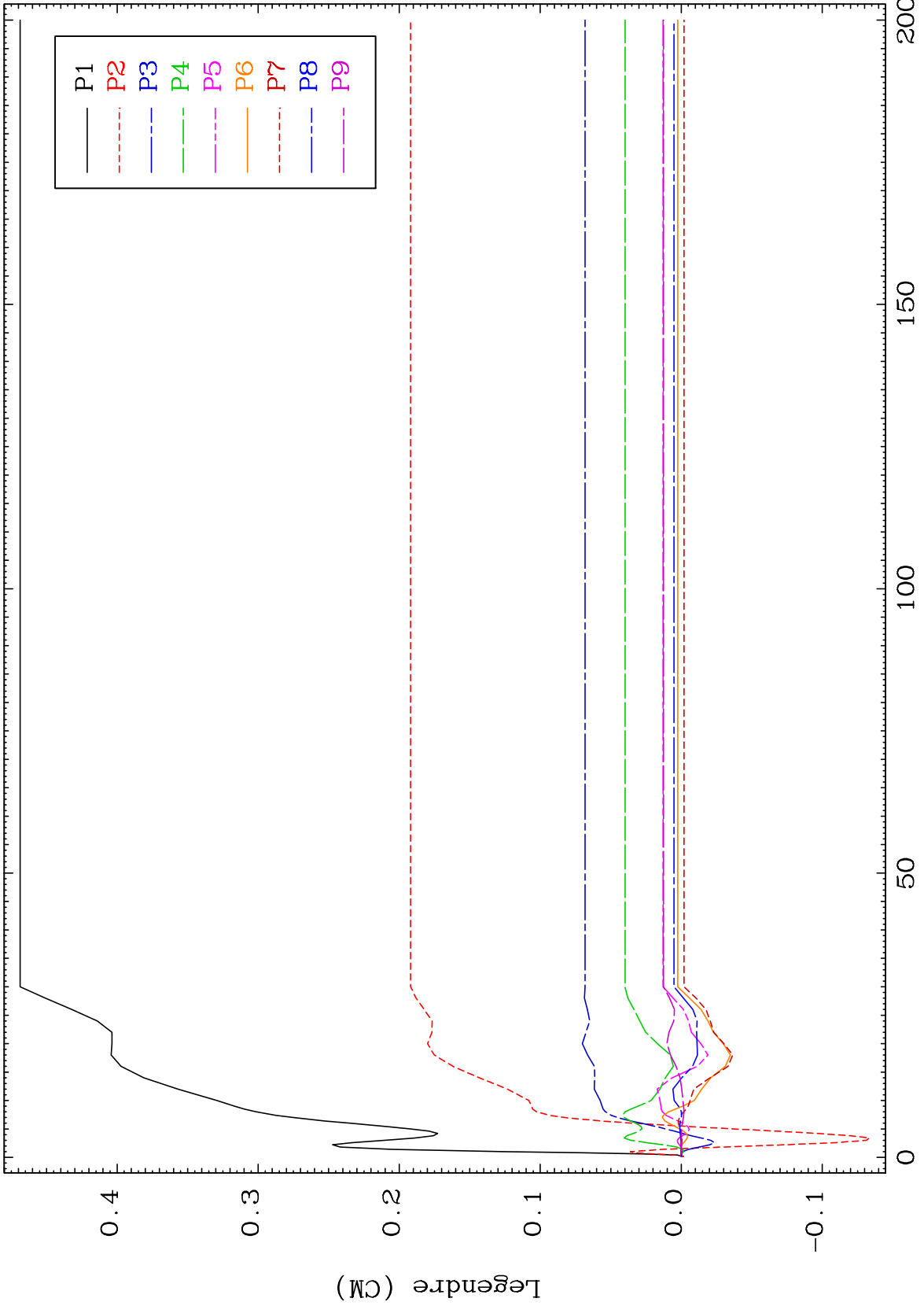
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



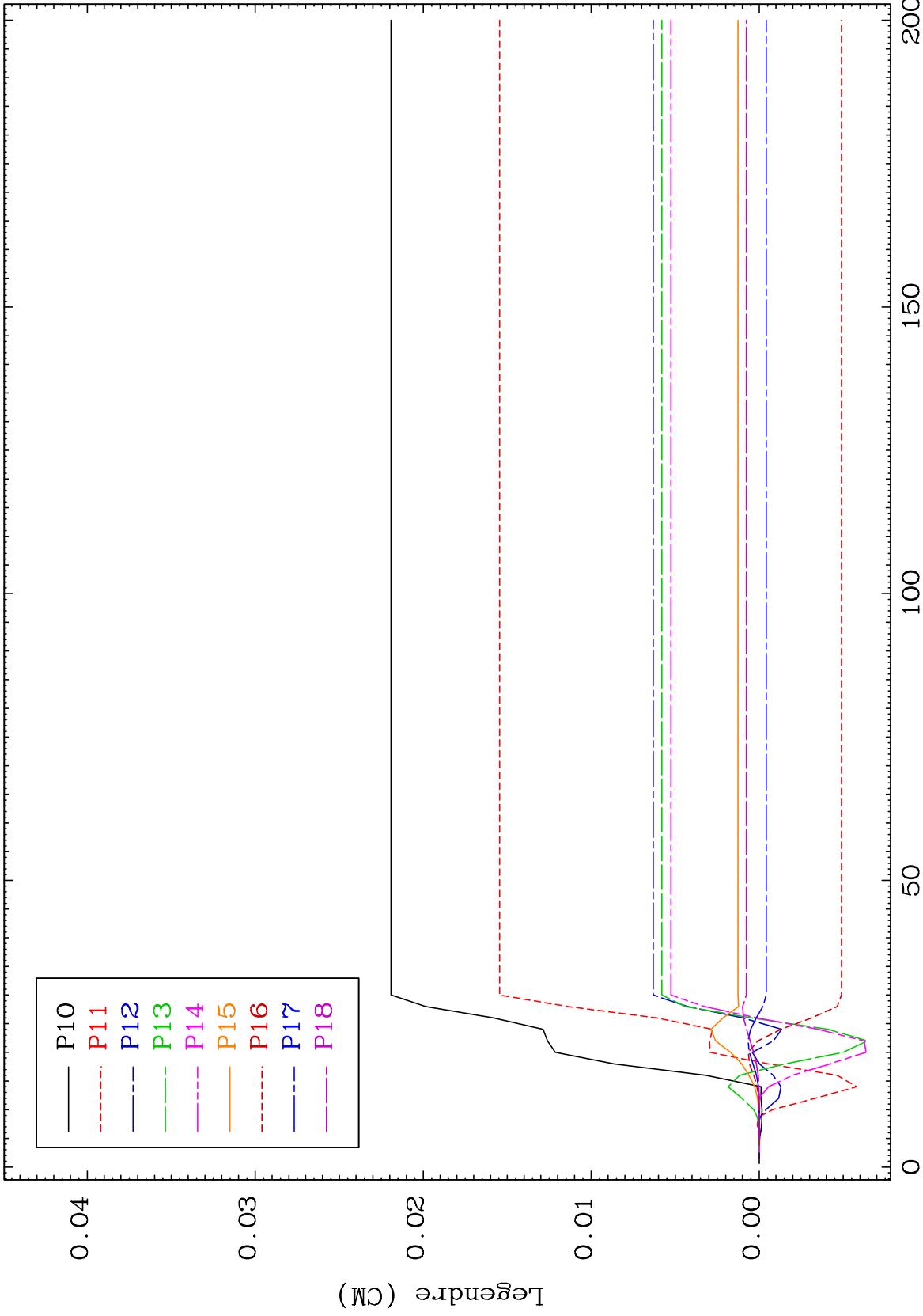
21

55-Cs-120

MAT 5486

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

55-Cs-120



22

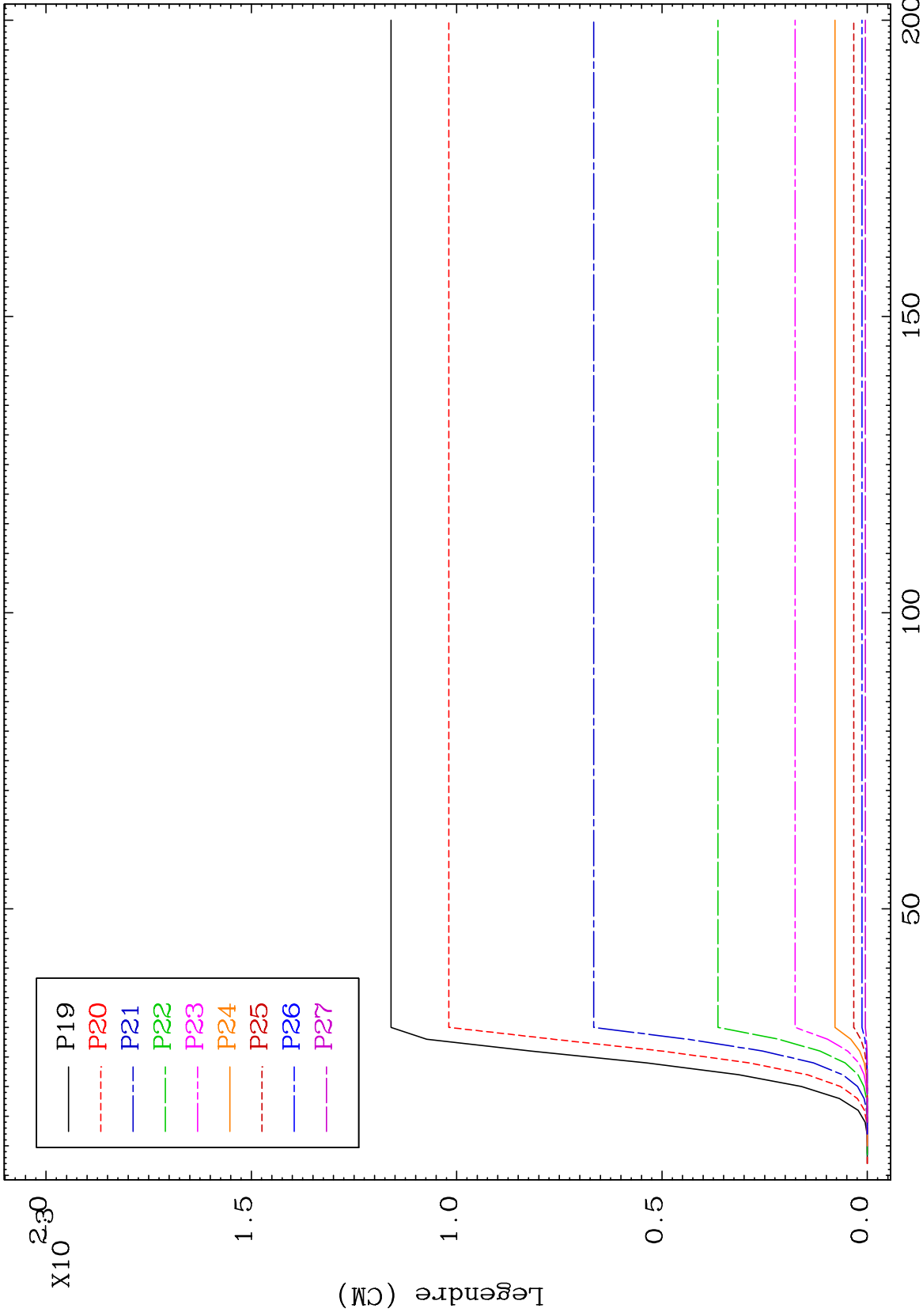
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



23

Incident Energy (MeV)

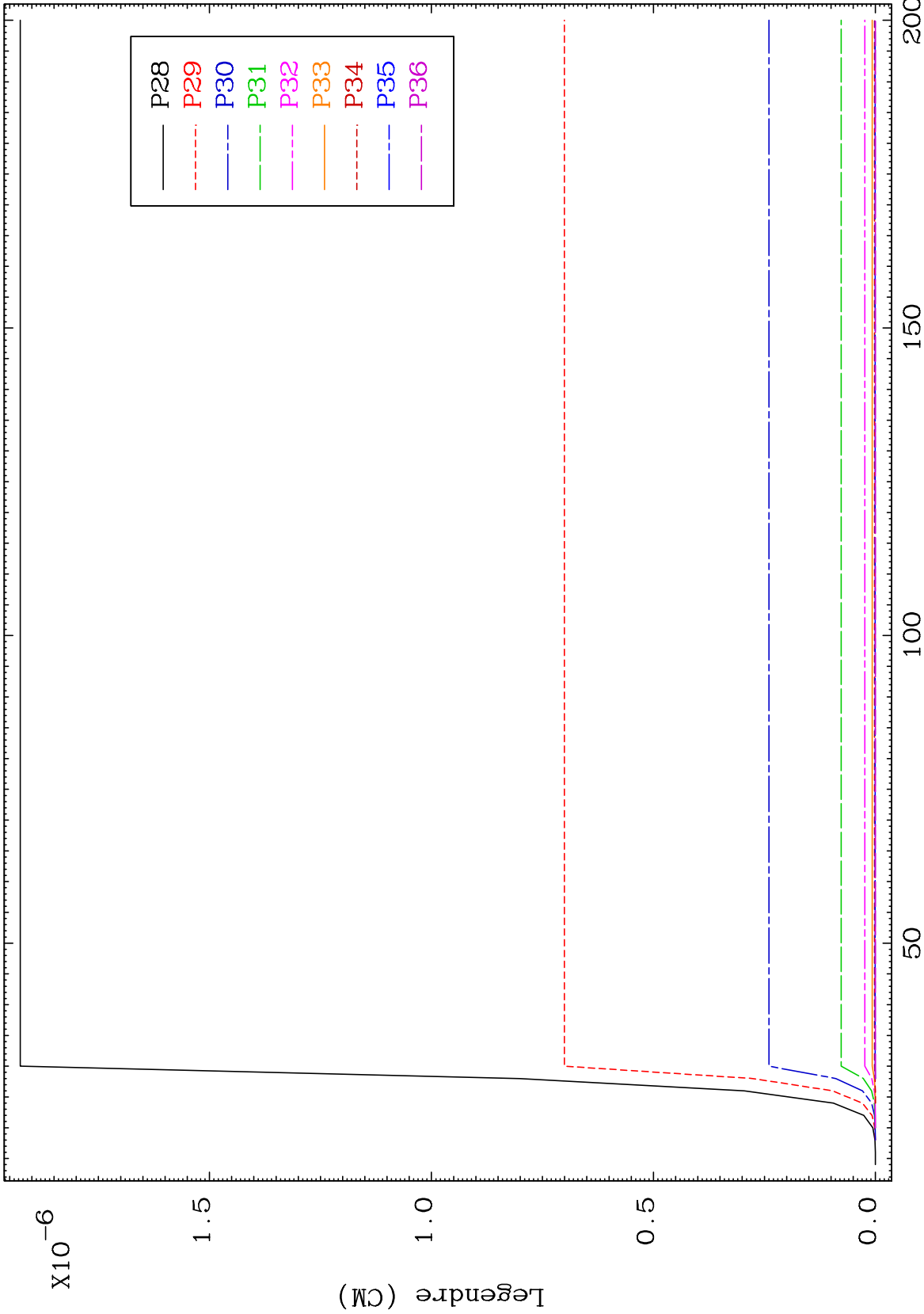
55-Cs-120



MAT 5486

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

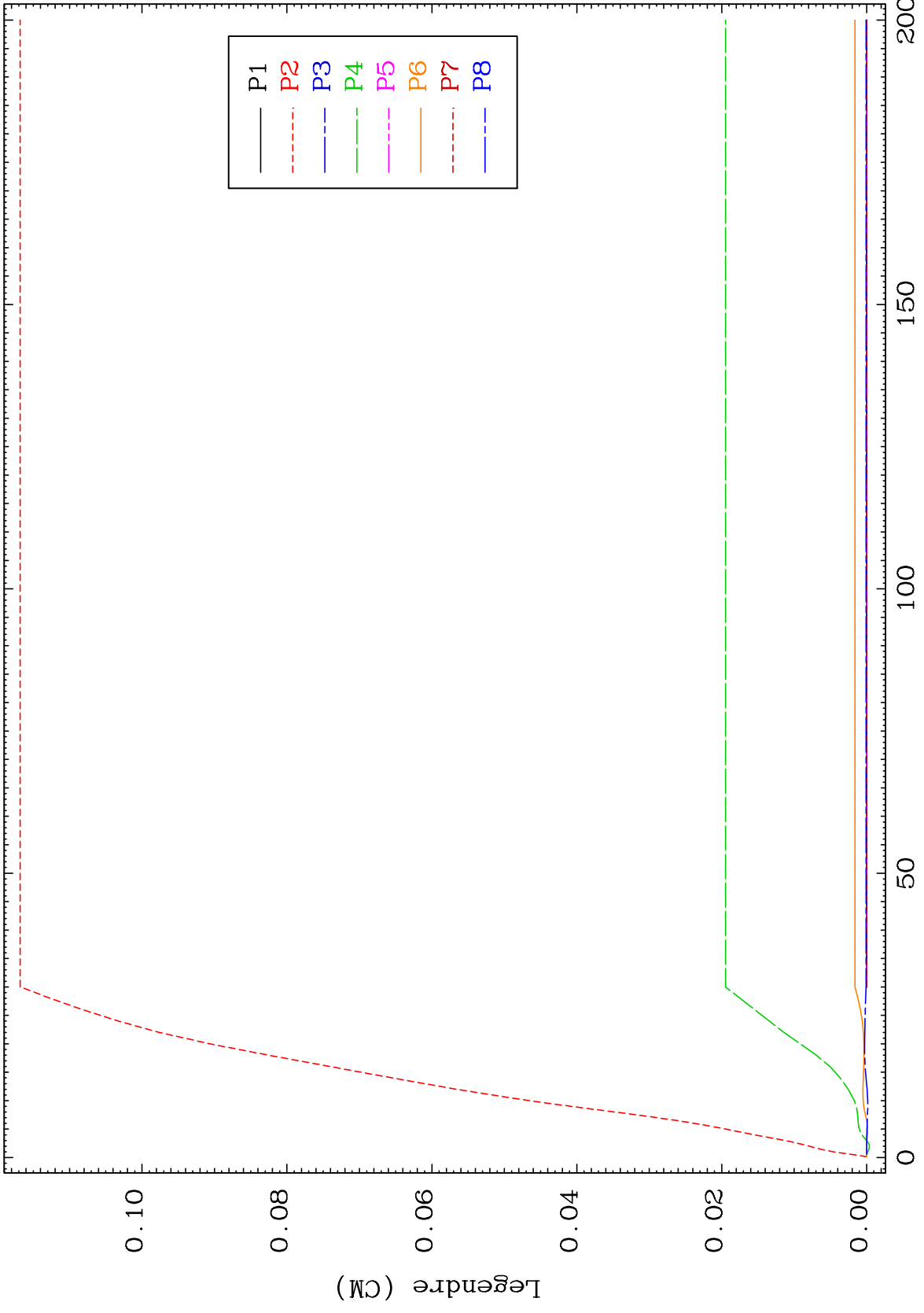
55-Cs-120



24

55-Cs-120

MAT 5486 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-120

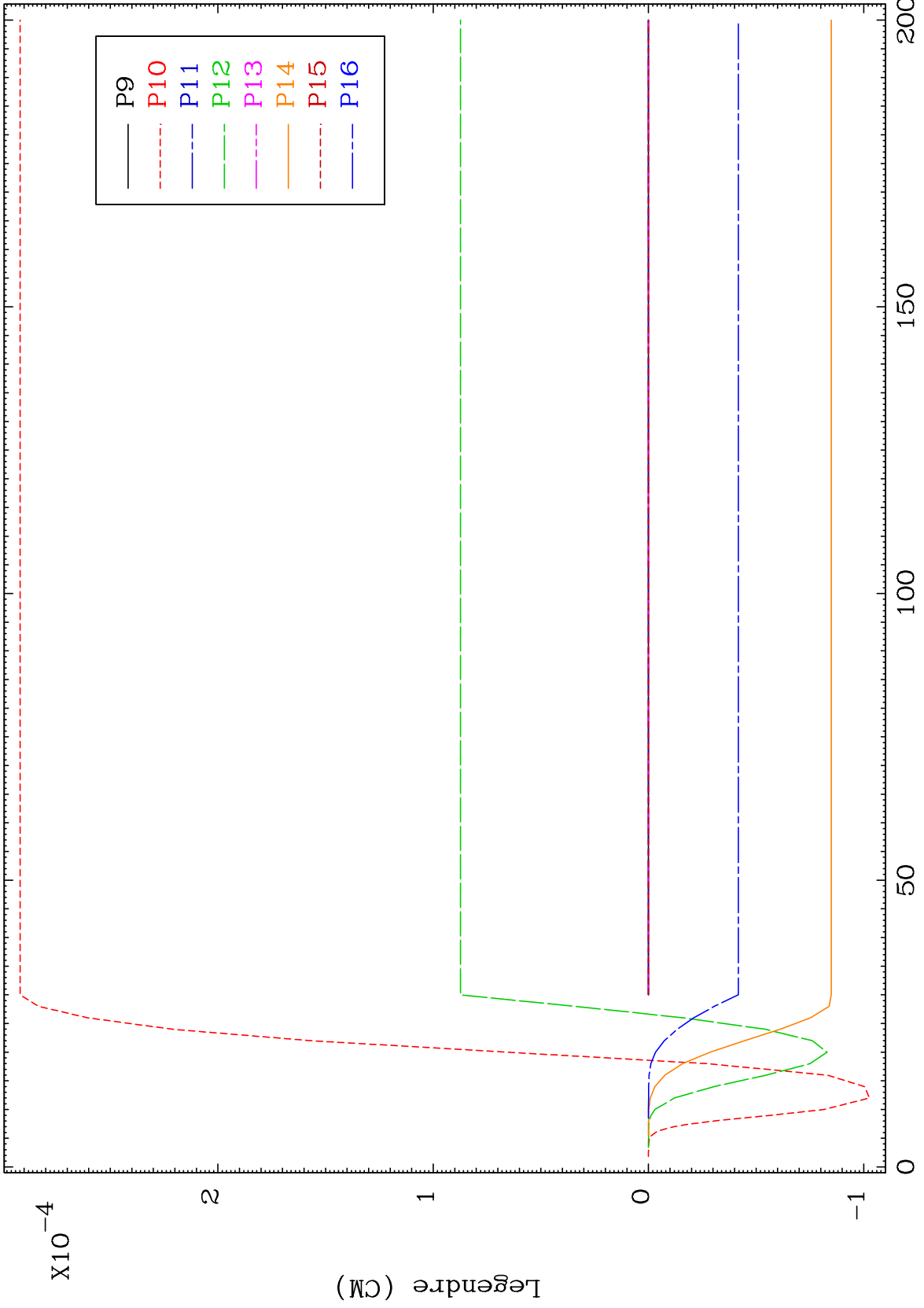


55-Cs-120

MAT 5486

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

55-Cs-120

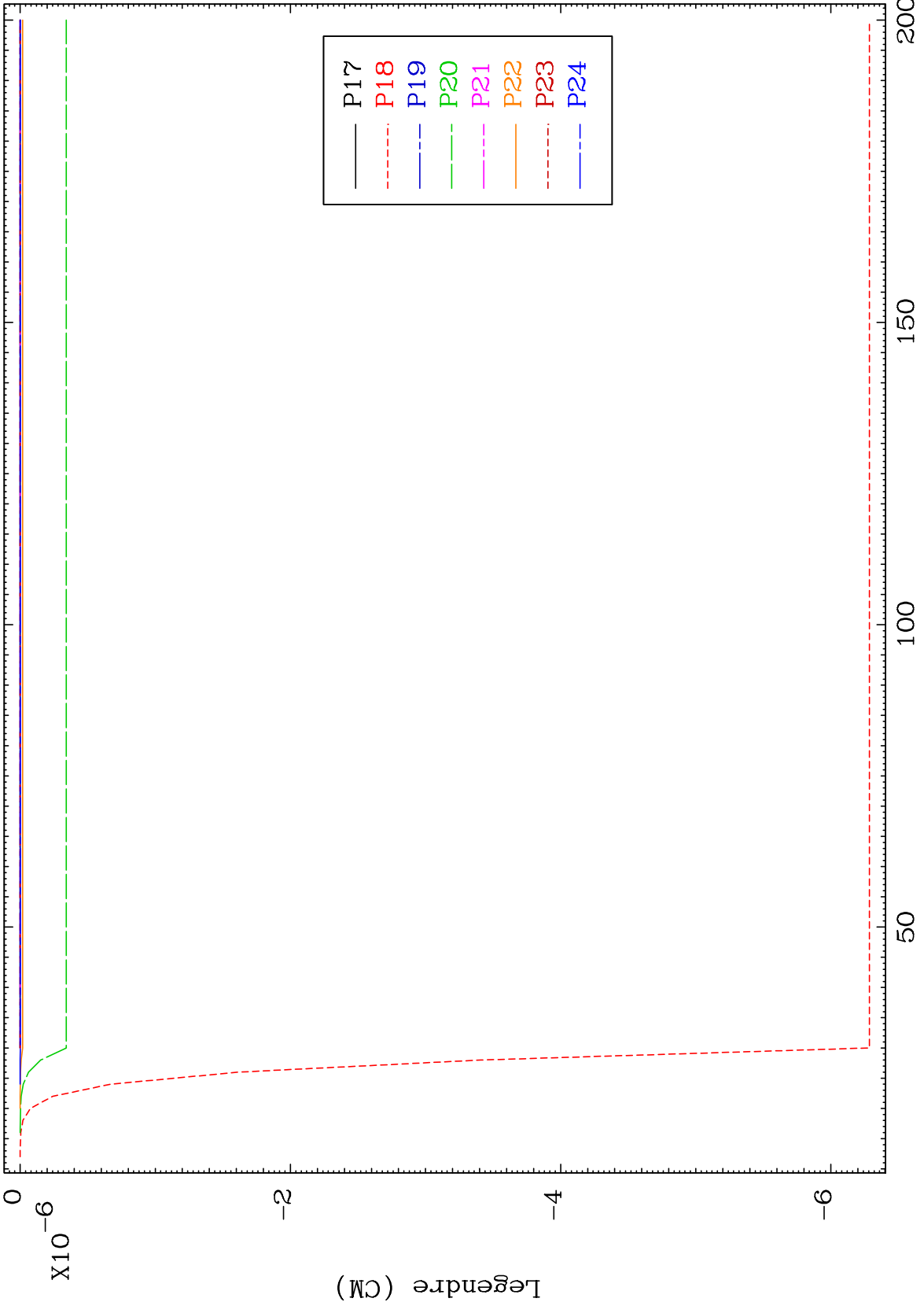


26

Incident Energy (MeV)

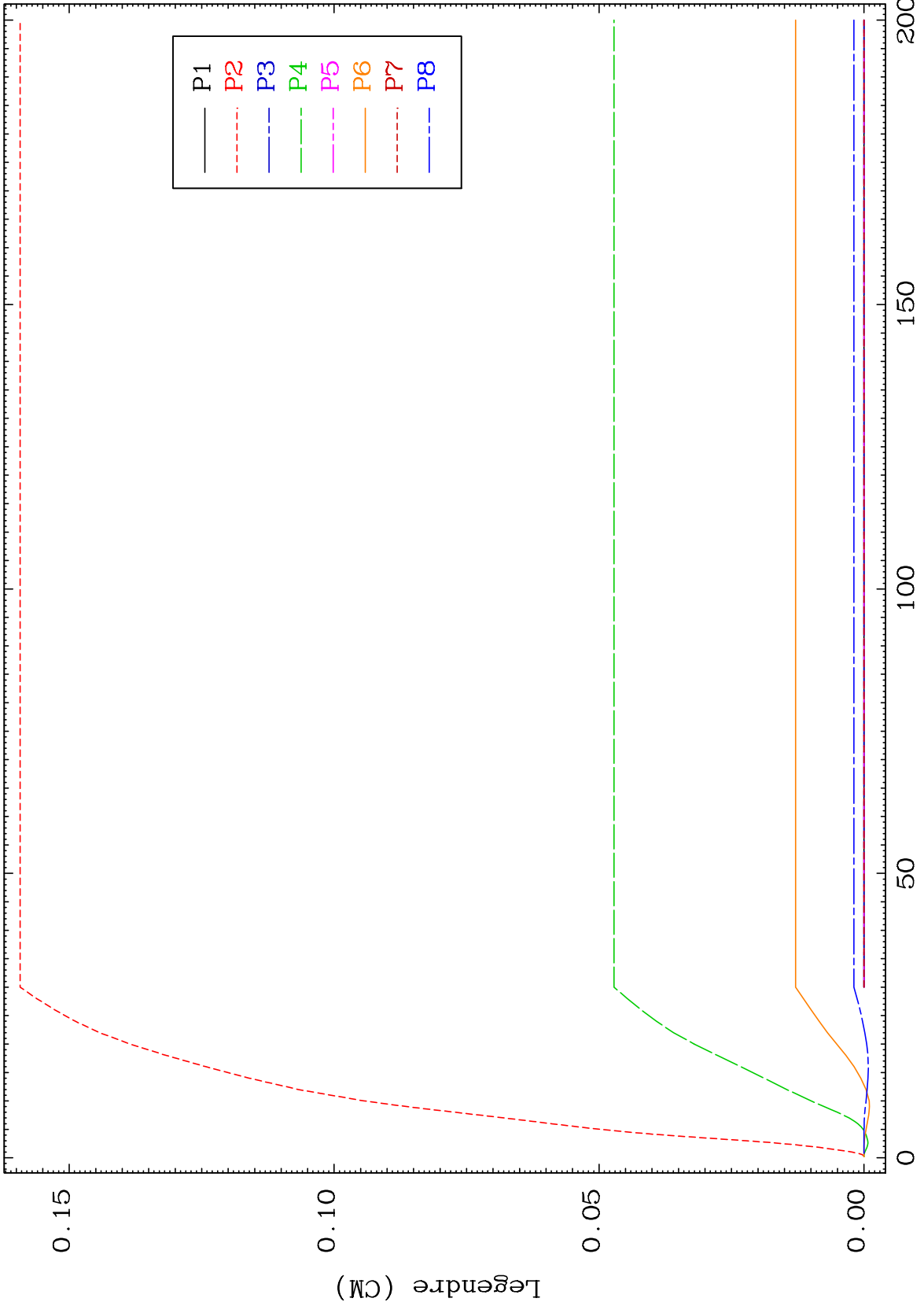
55-Cs-120

MAT 5486 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-120



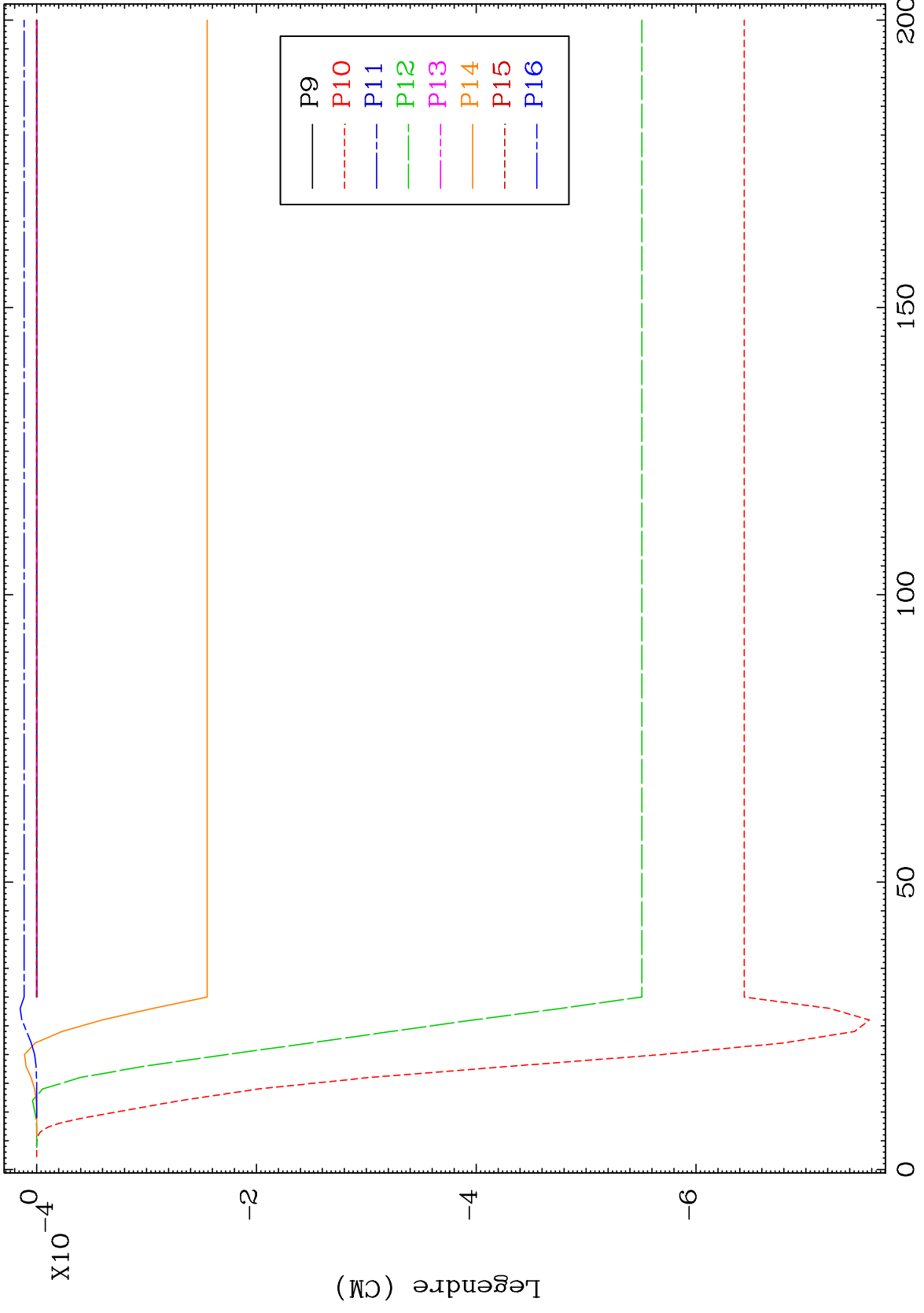
27 Incident Energy (MeV) 55-Cs-120

MAT 5486 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-120



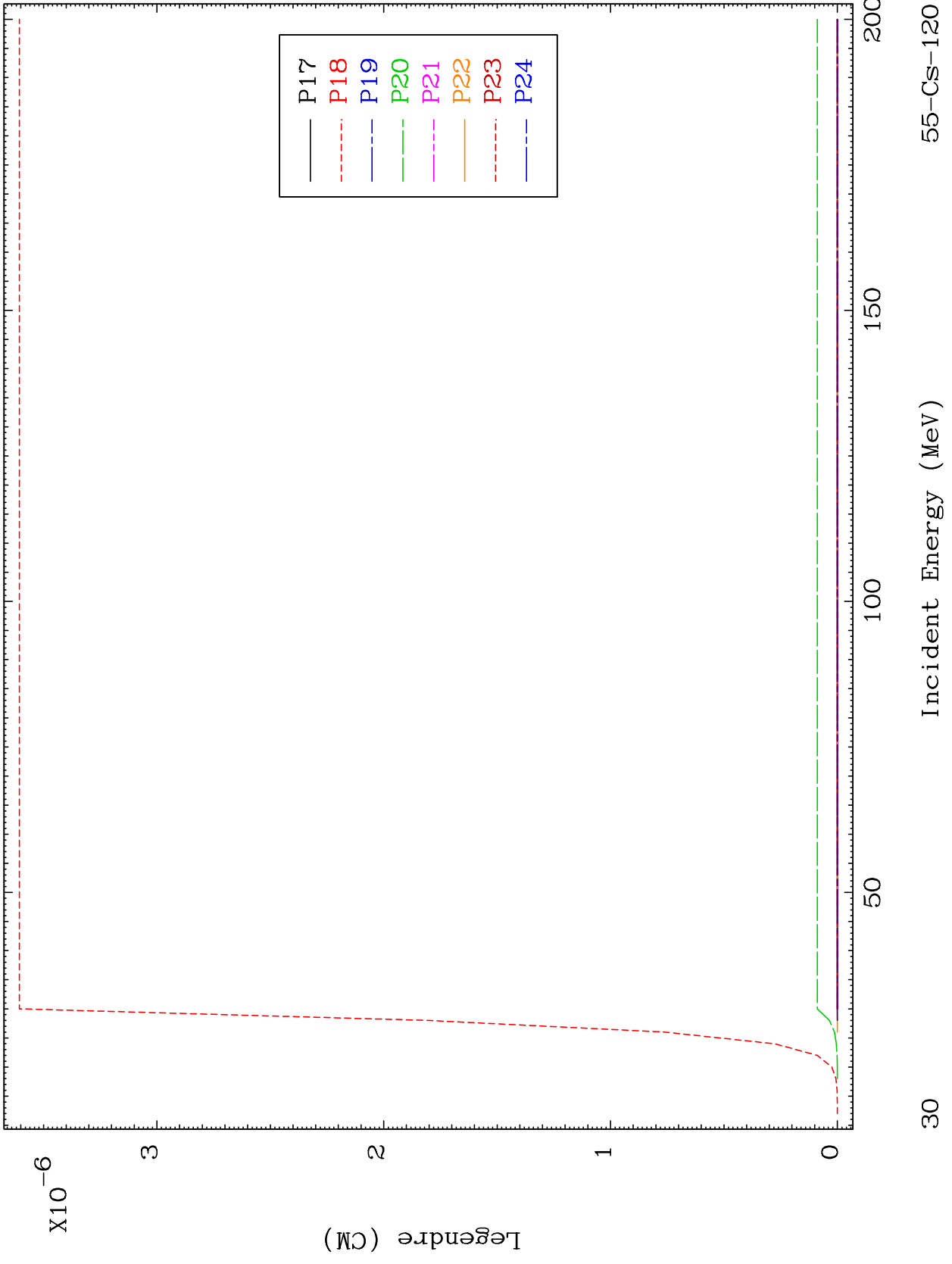
28 Incident Energy (MeV) 55-Cs-120

MAT 5486 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-120

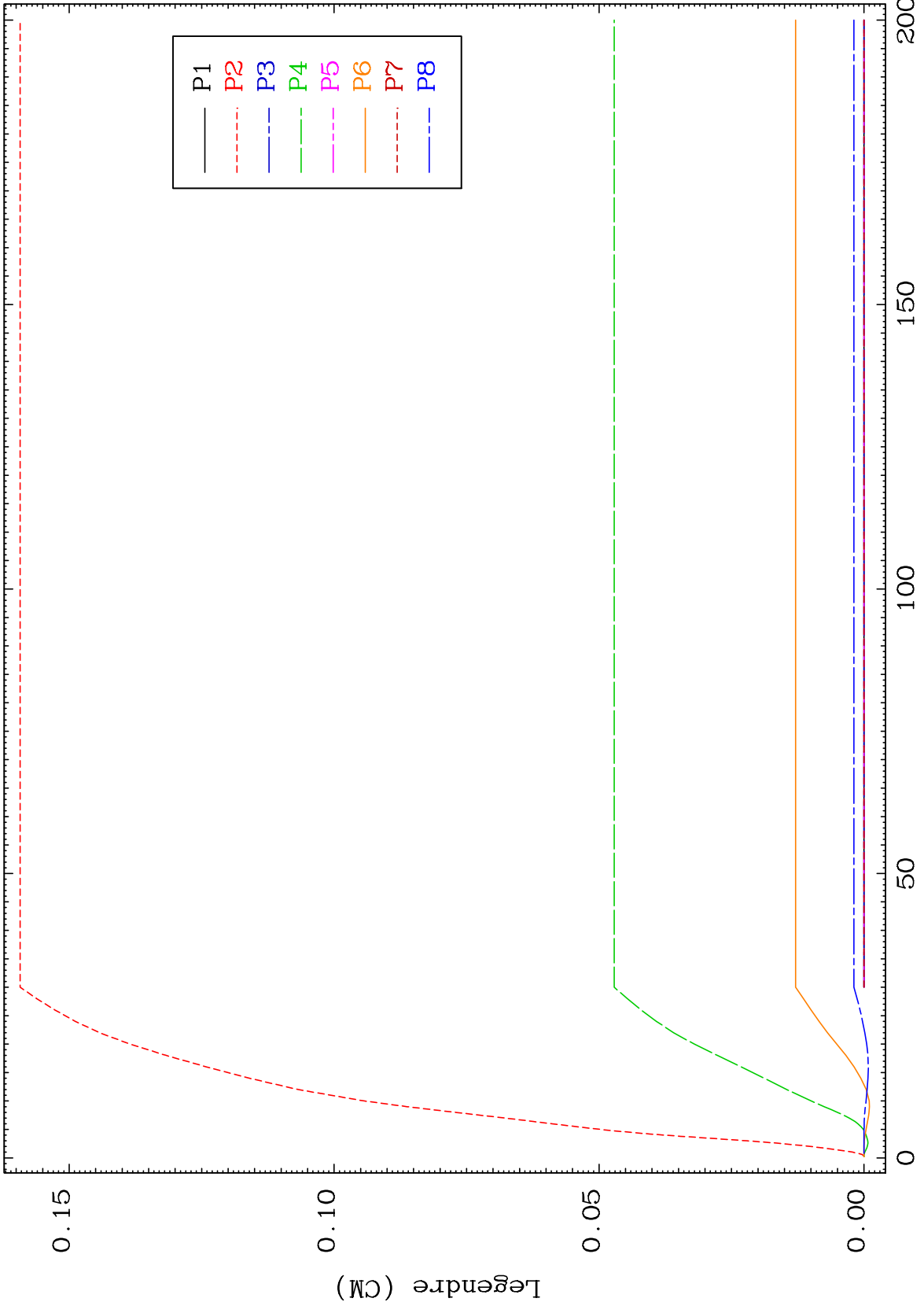


29 Incident Energy (MeV) 55-Cs-120

MAT 5486 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-120



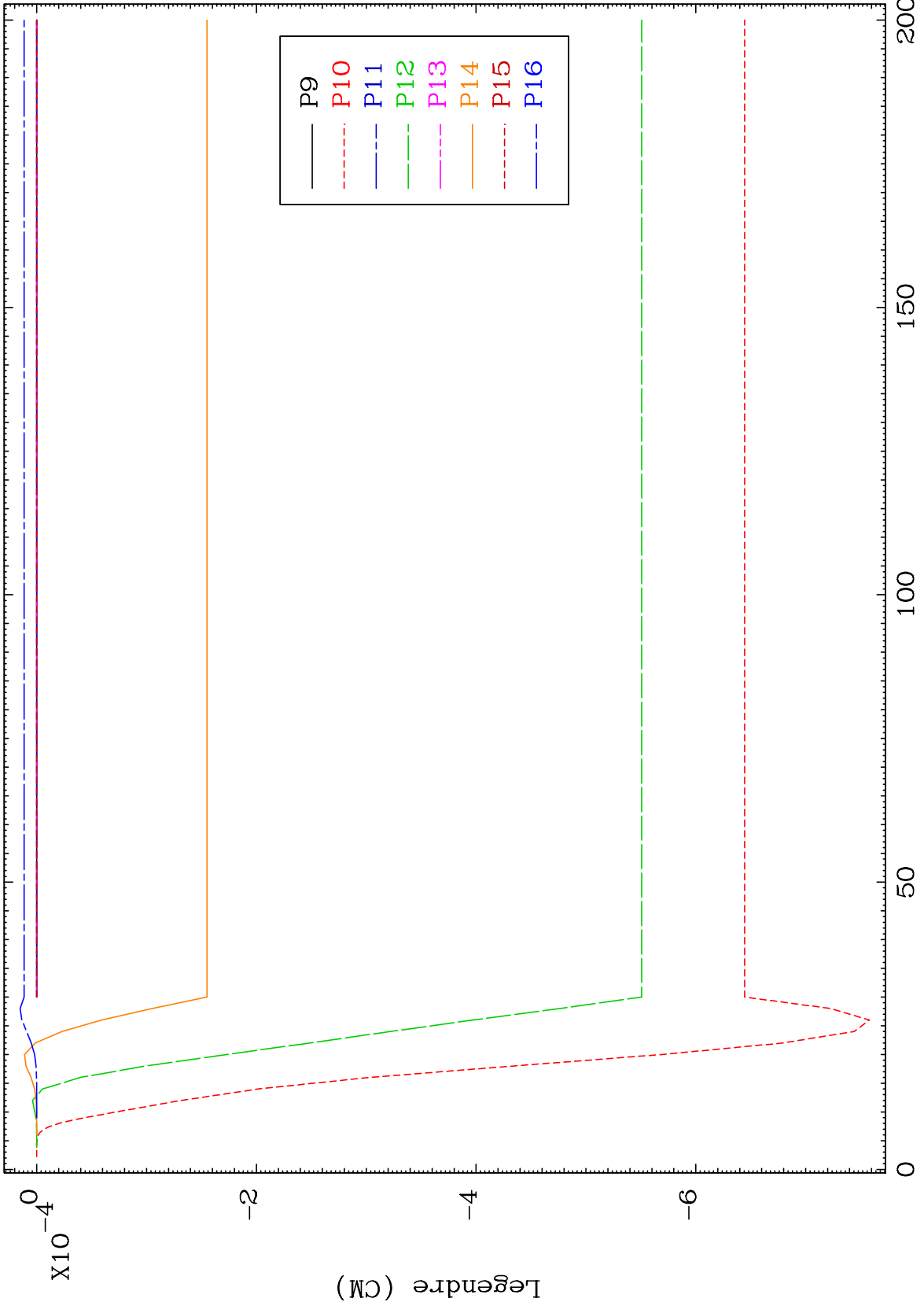
MAT 5486 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-120



31 55-Cs-120



MAT 5486 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-120

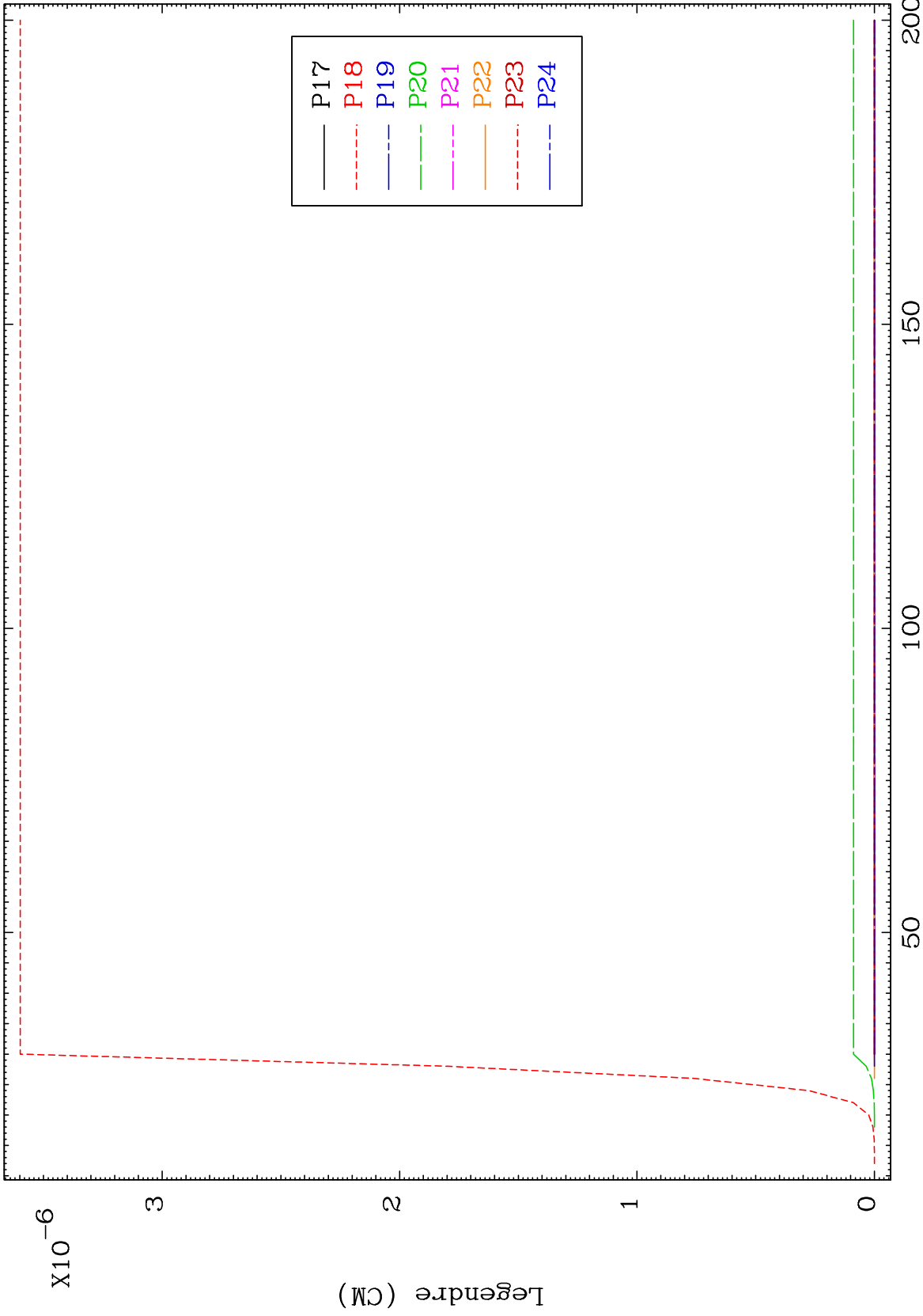


32 Incident Energy (MeV) 55-Cs-120

MAT 5486

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

55-Cs-120



33

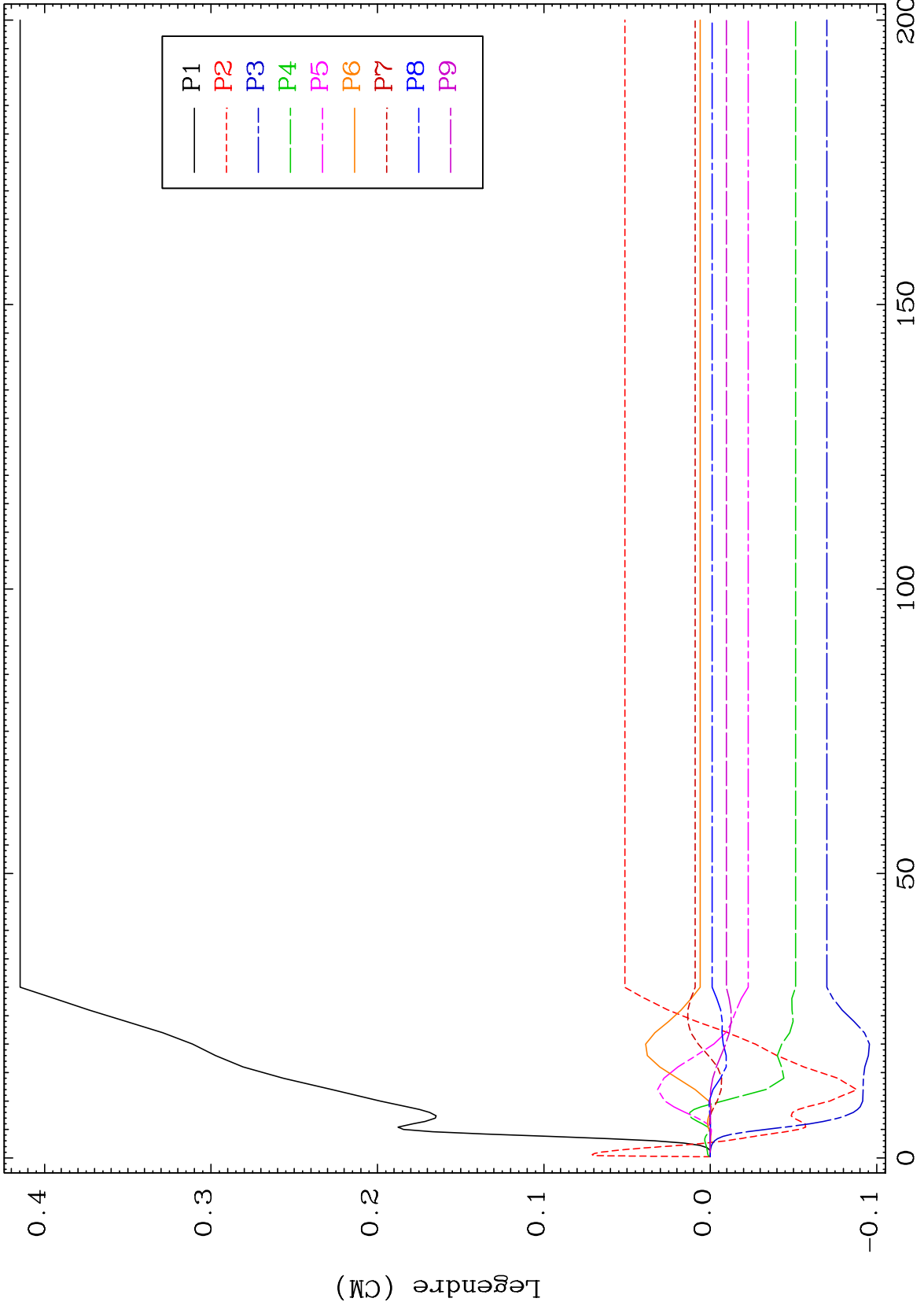
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



34

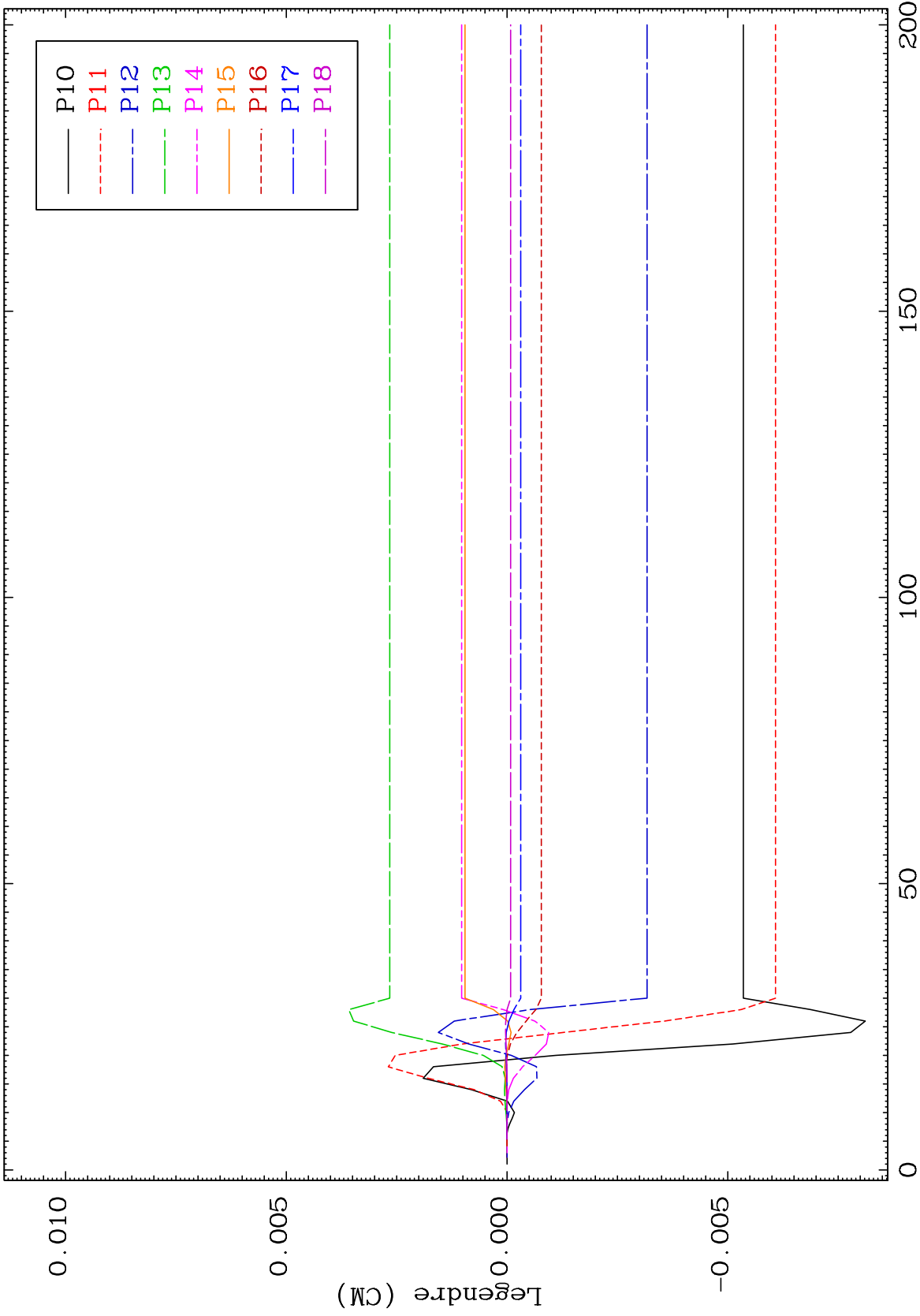
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



35

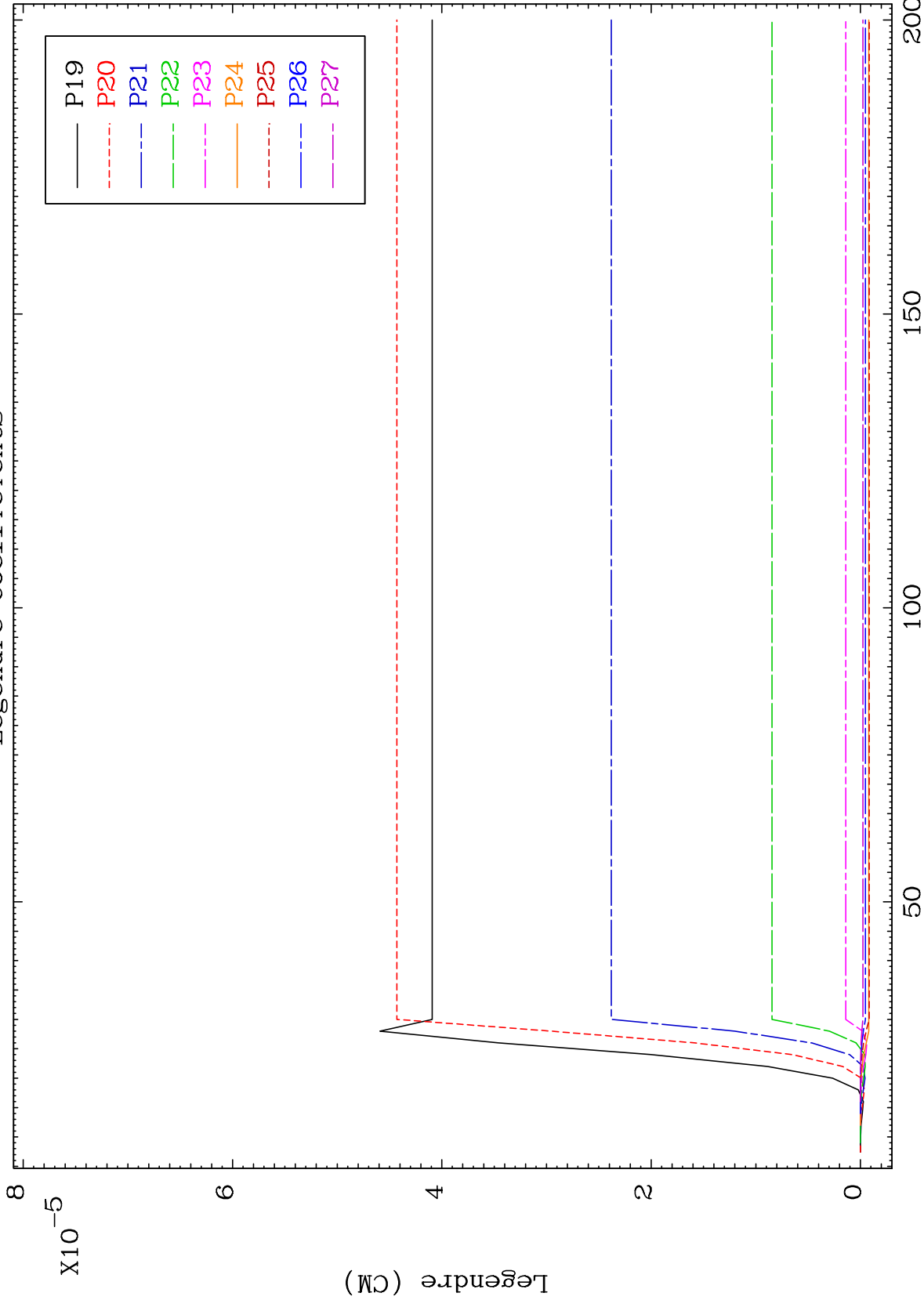
Incident Energy (MeV)

55-Cs-120

MAT 5486

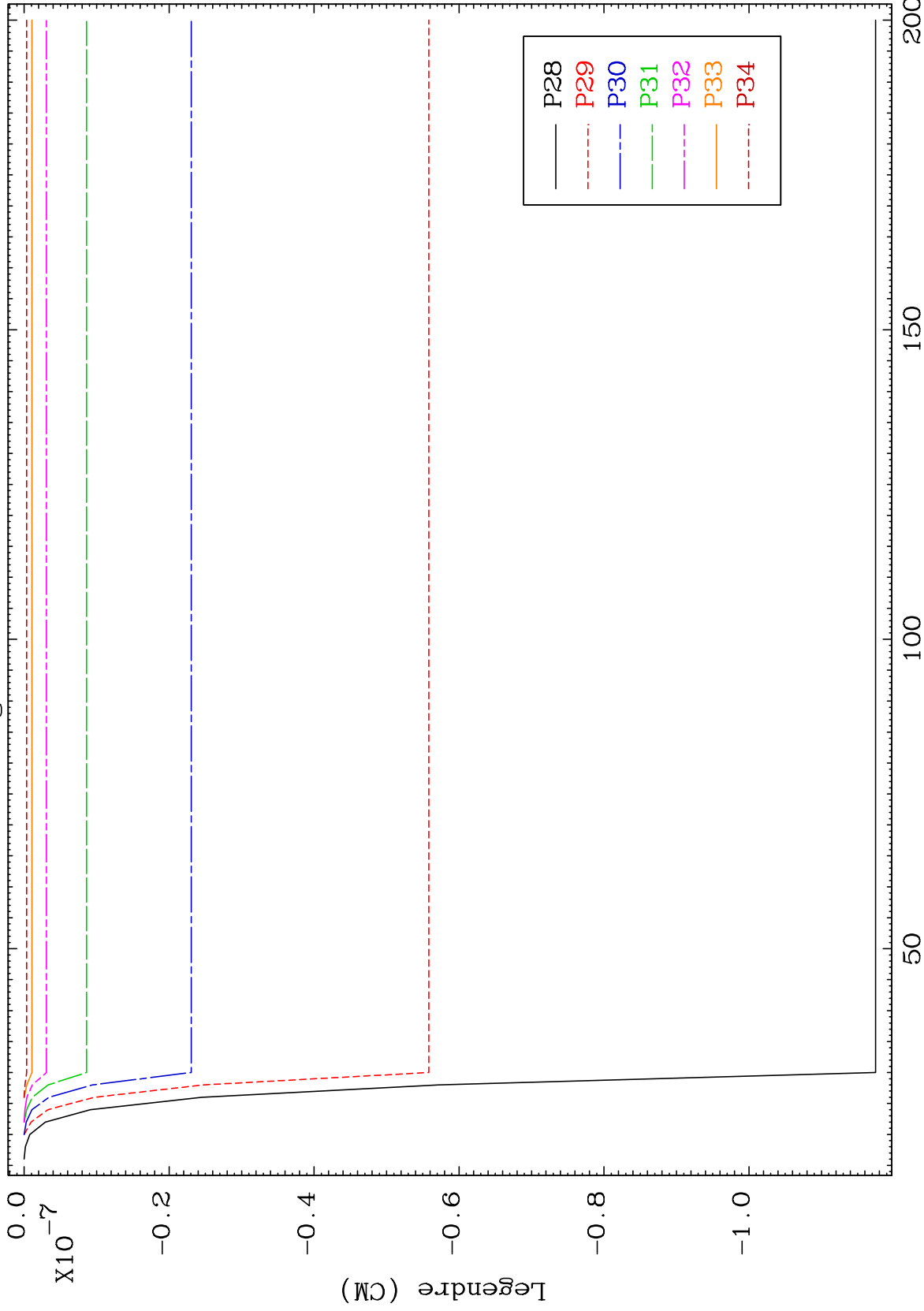
MT= 55 (n,n') Level  
Legendre Coefficients

55-Cs-120



MAT 5486 MT= 55 (n,n') Level 55-Cs-120

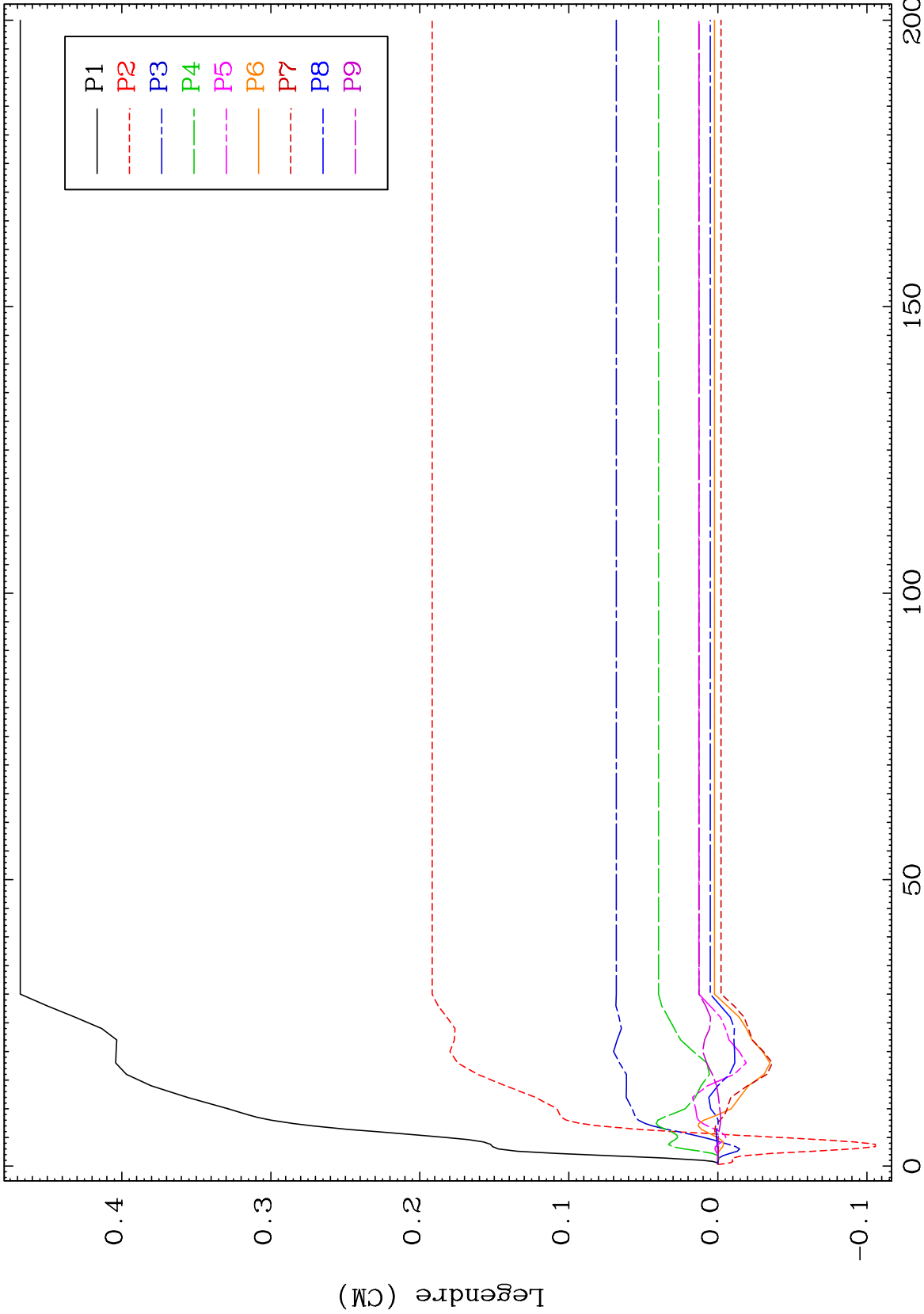
Legendre Coefficients



MAT 5486

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

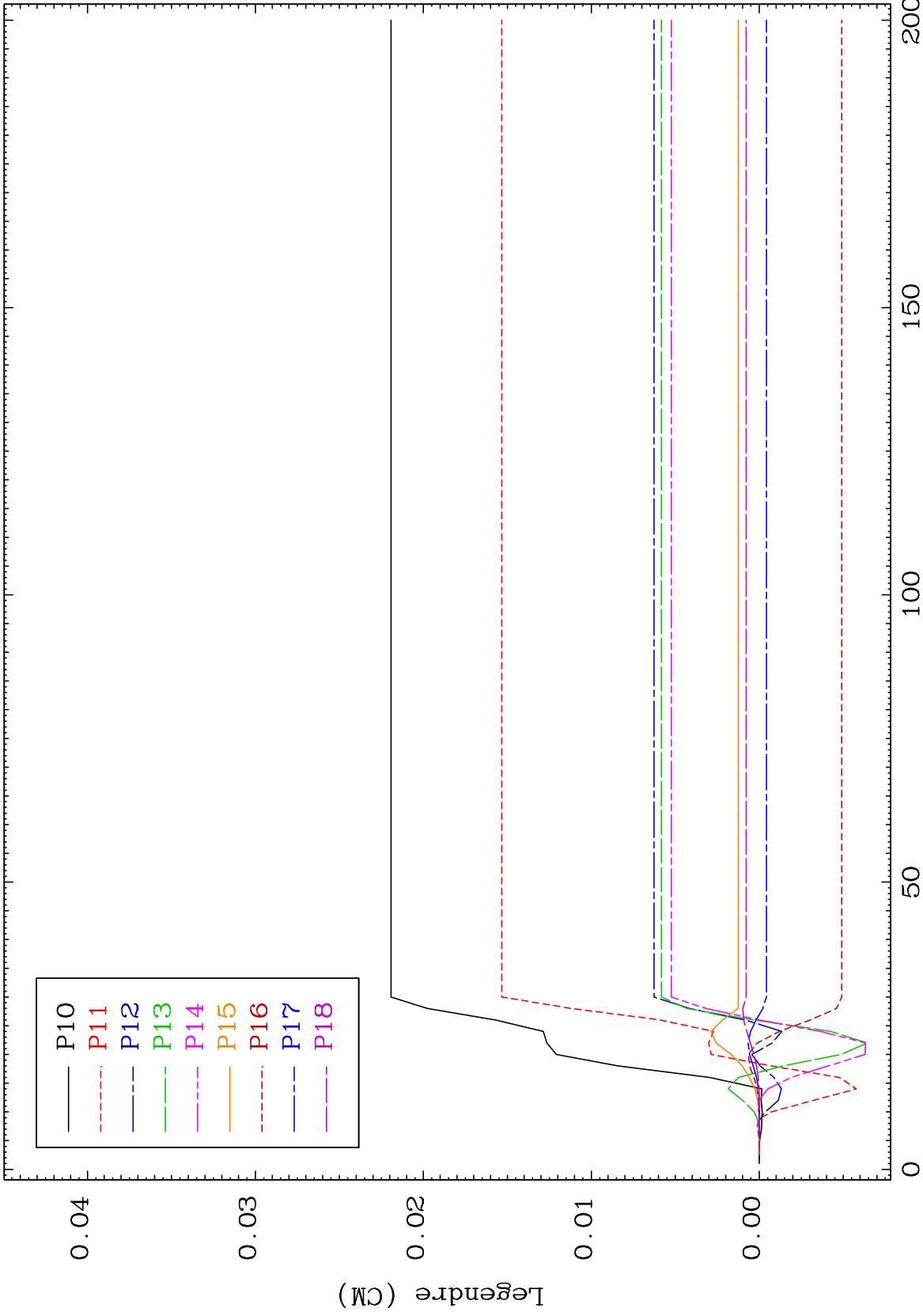
55-Cs-120



MAT 5486

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

55-Cs-120



39

Incident Energy (MeV)

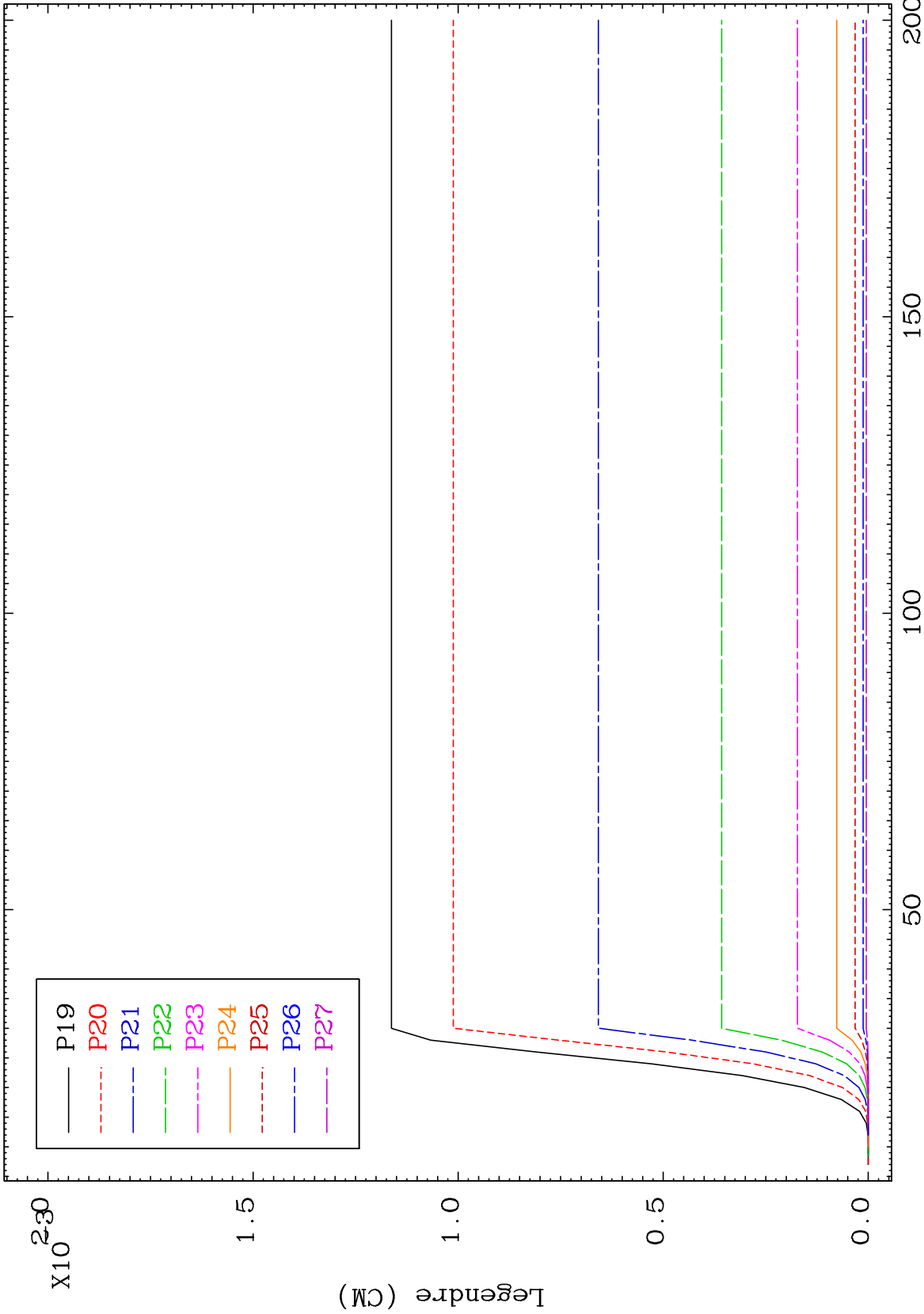
55-Cs-120



MAT 5486

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

55-Cs-120



40

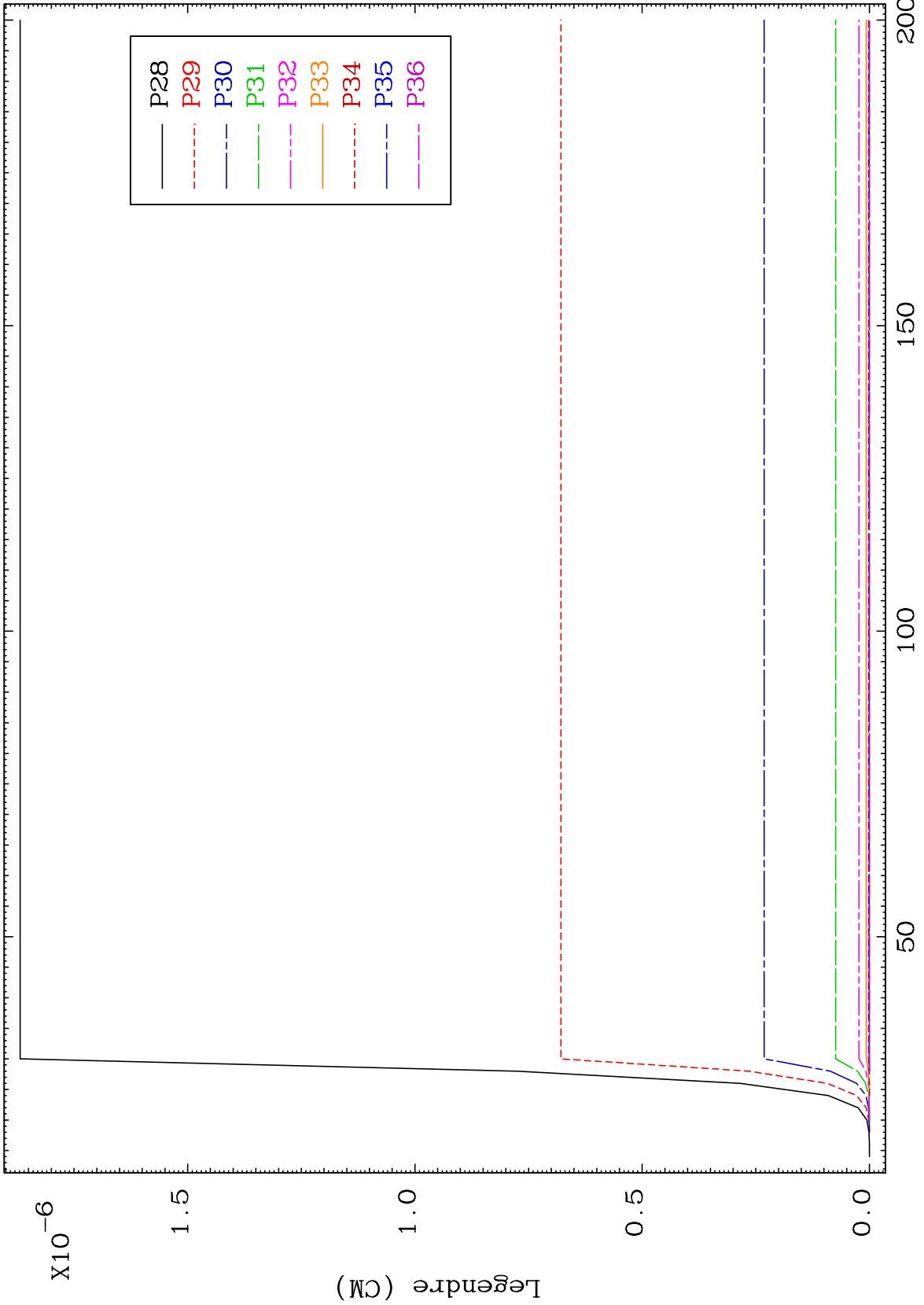
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



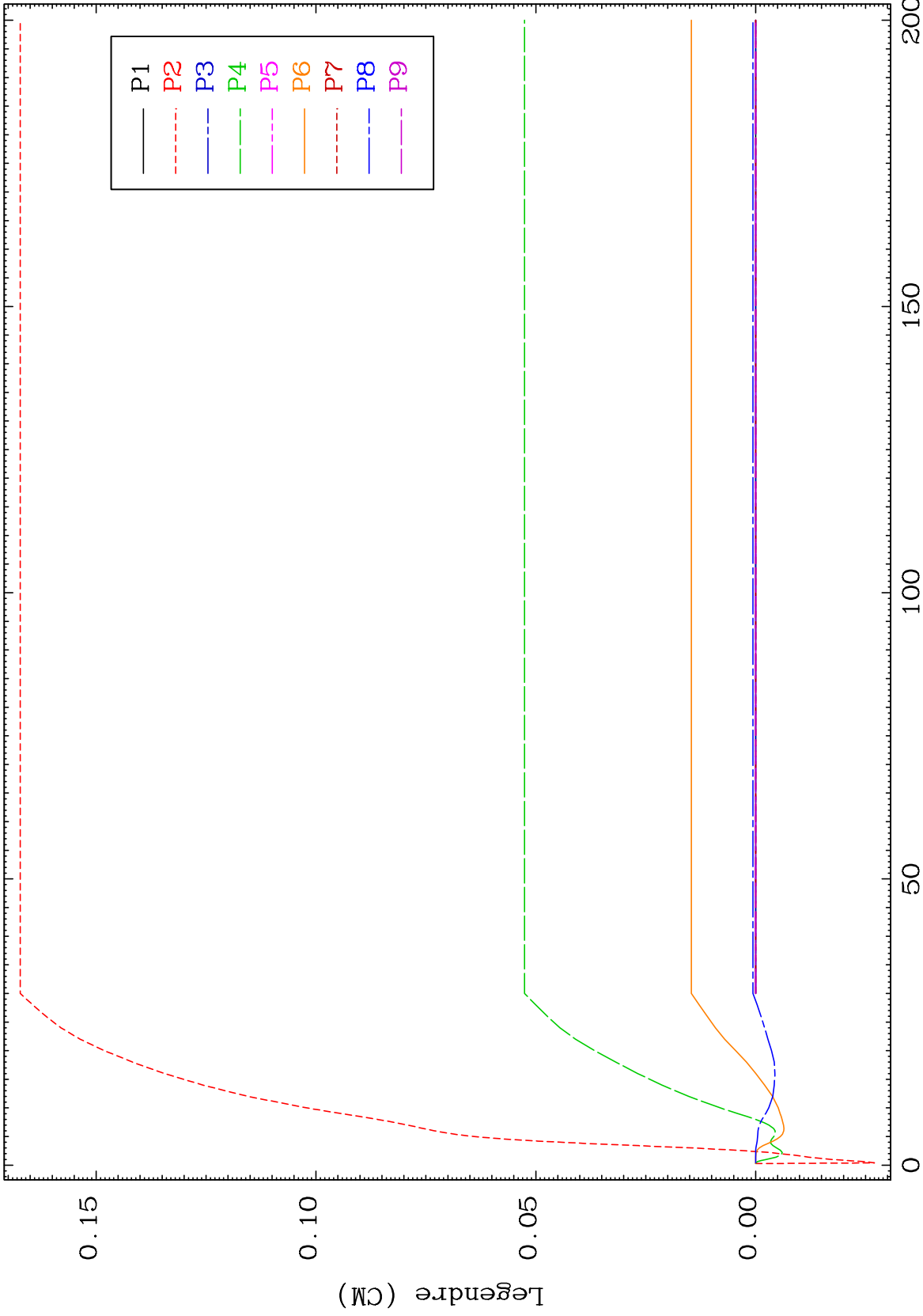
41

55-Cs-120

MAT 5486

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

55-Cs-120

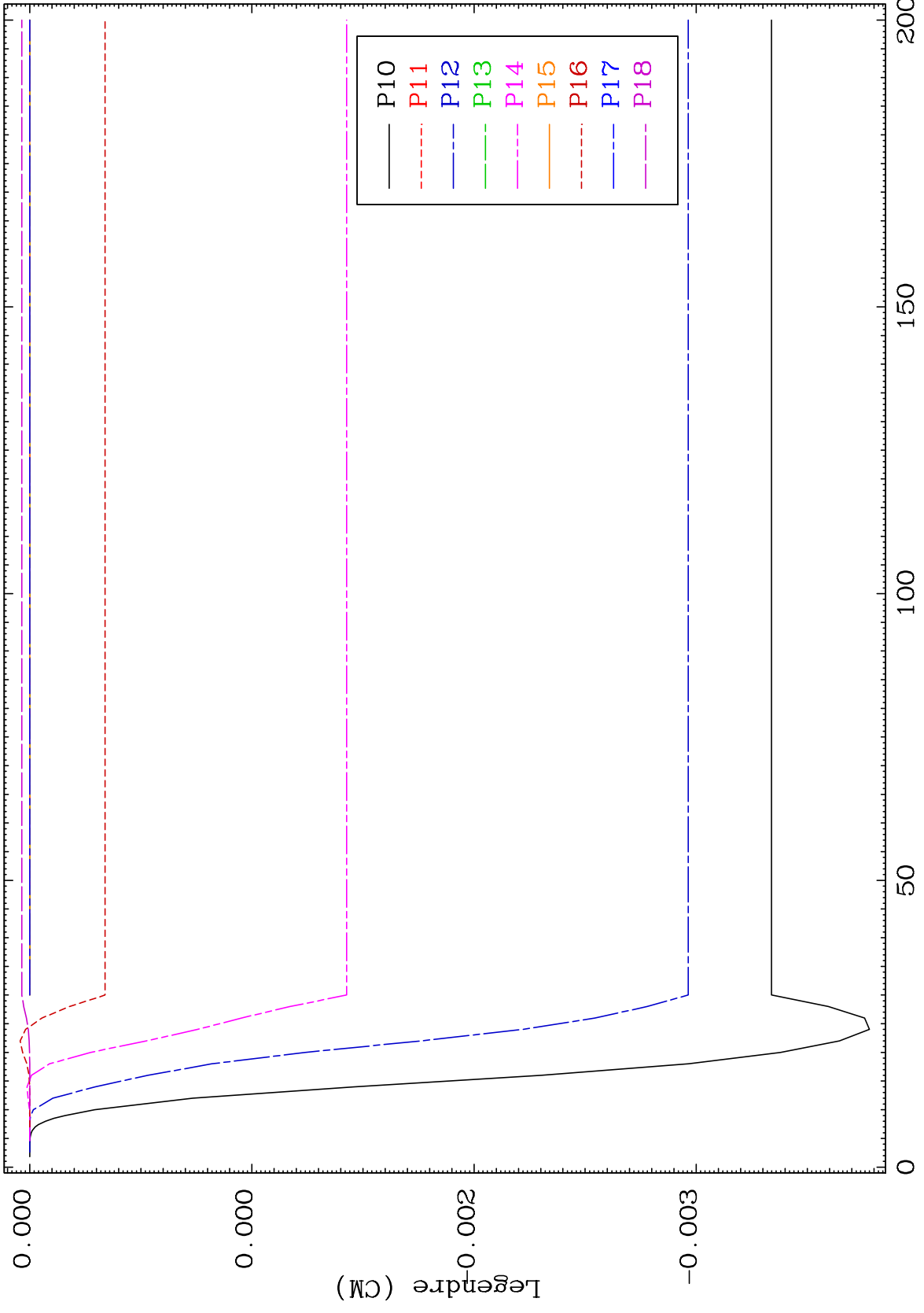


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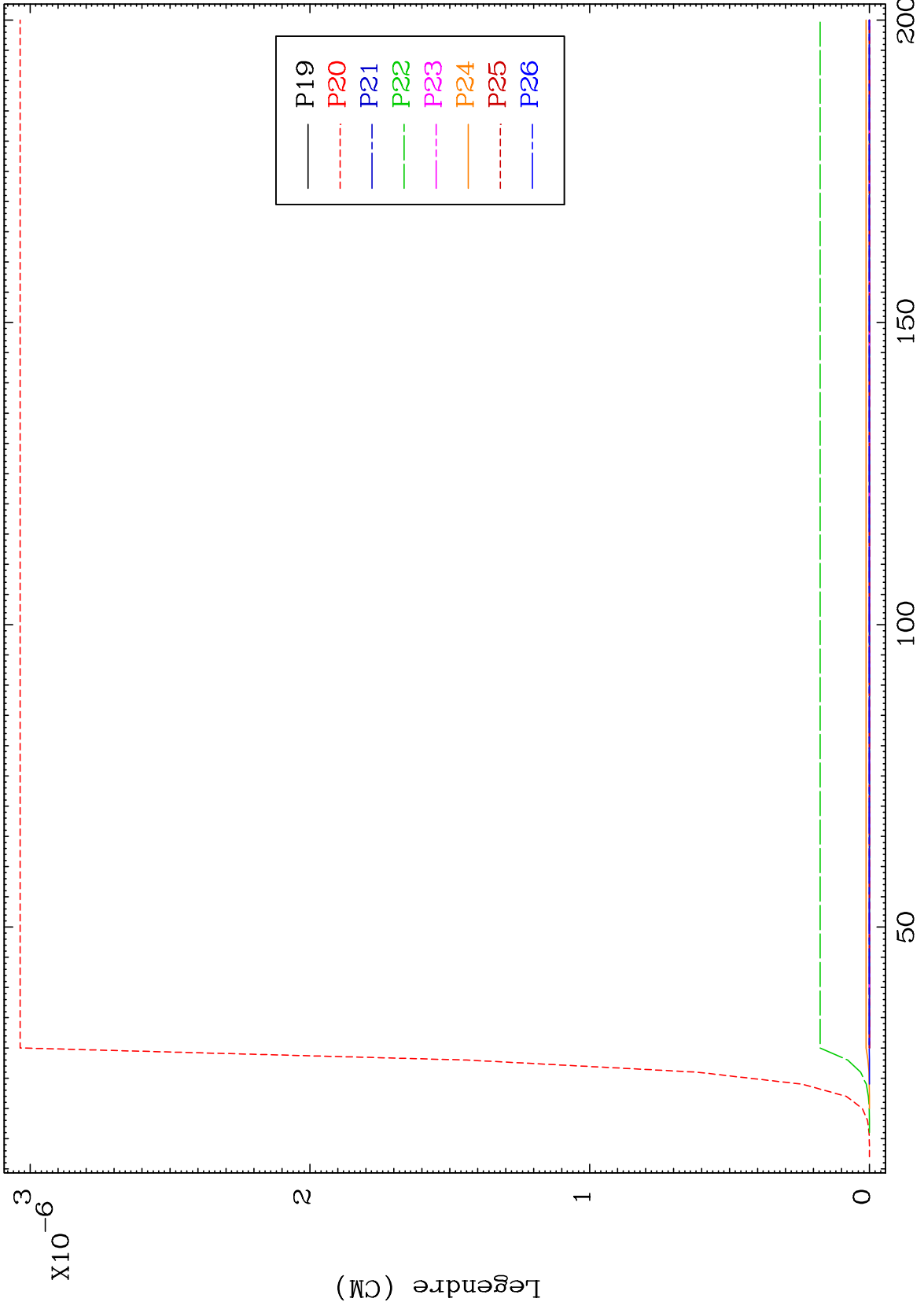
Incident Energy (MeV)

55-Cs-120

MAT 5486 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-120



MAT 5486 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-120



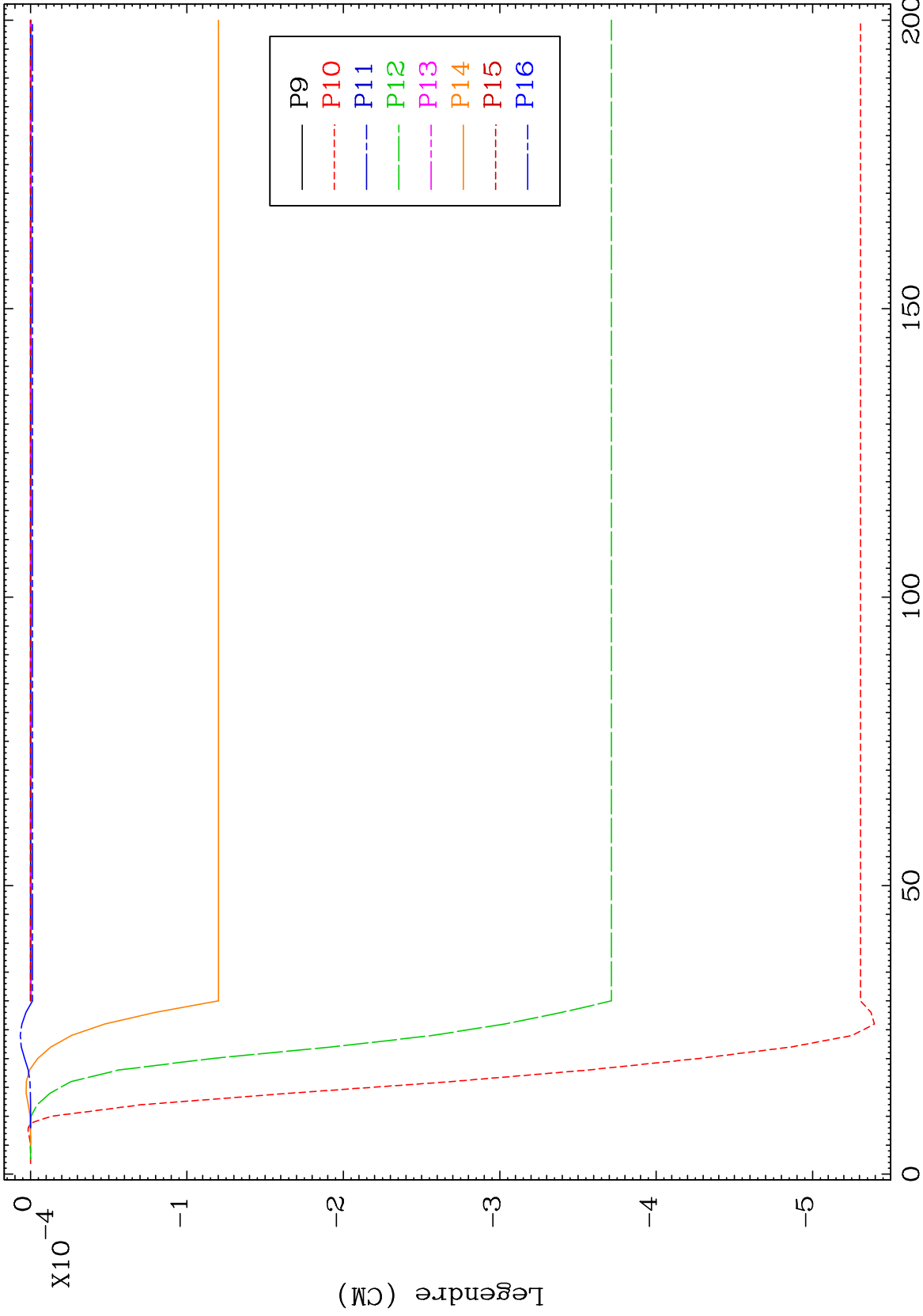
44 Incident Energy (MeV) 55-Cs-120



MAT 5486

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

55-Cs-120

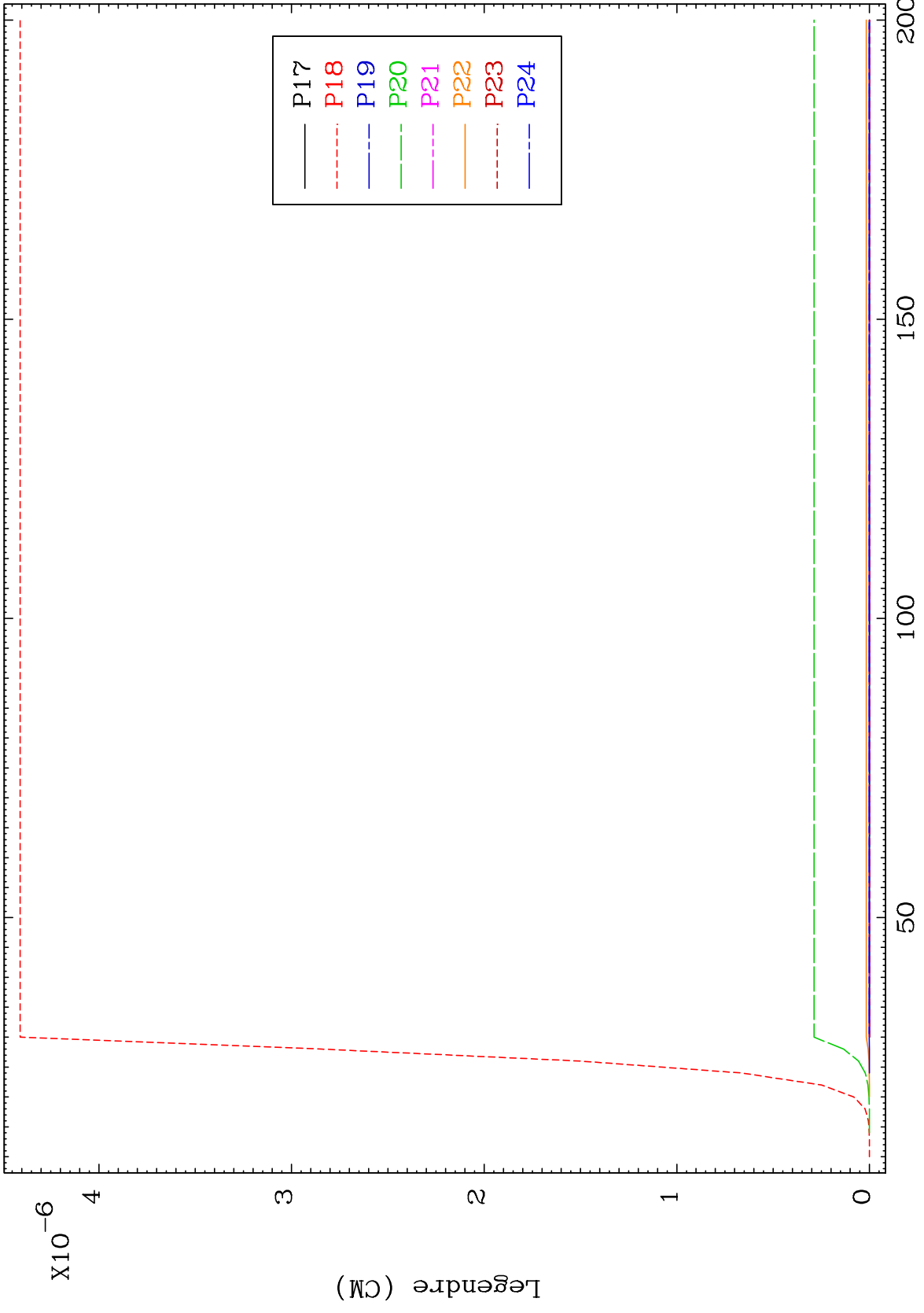


46

Incident Energy (MeV)

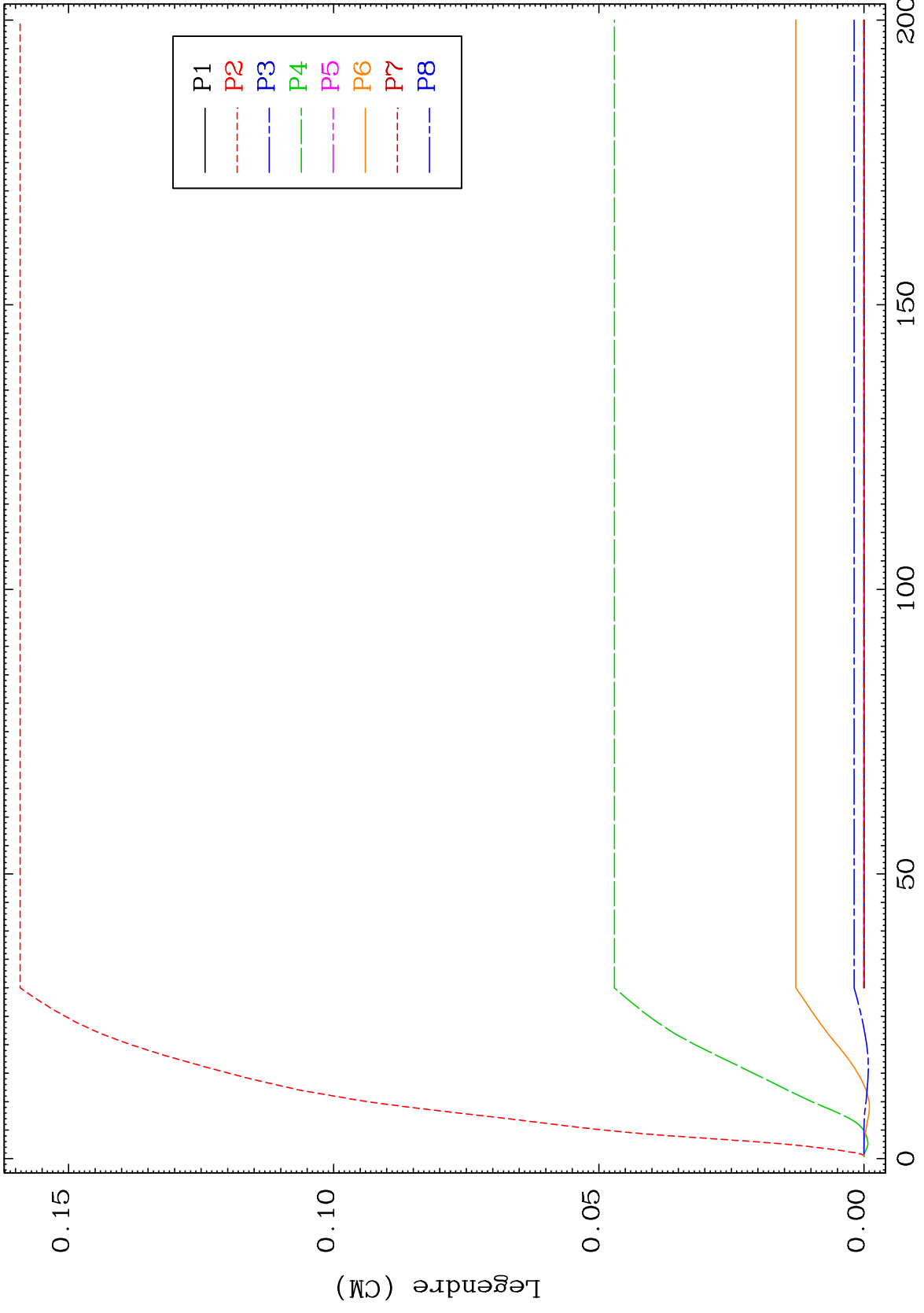
55-Cs-120

MAT 5486 MT= 58 (n,n') Level Legendre Coefficients 55-Cs-120



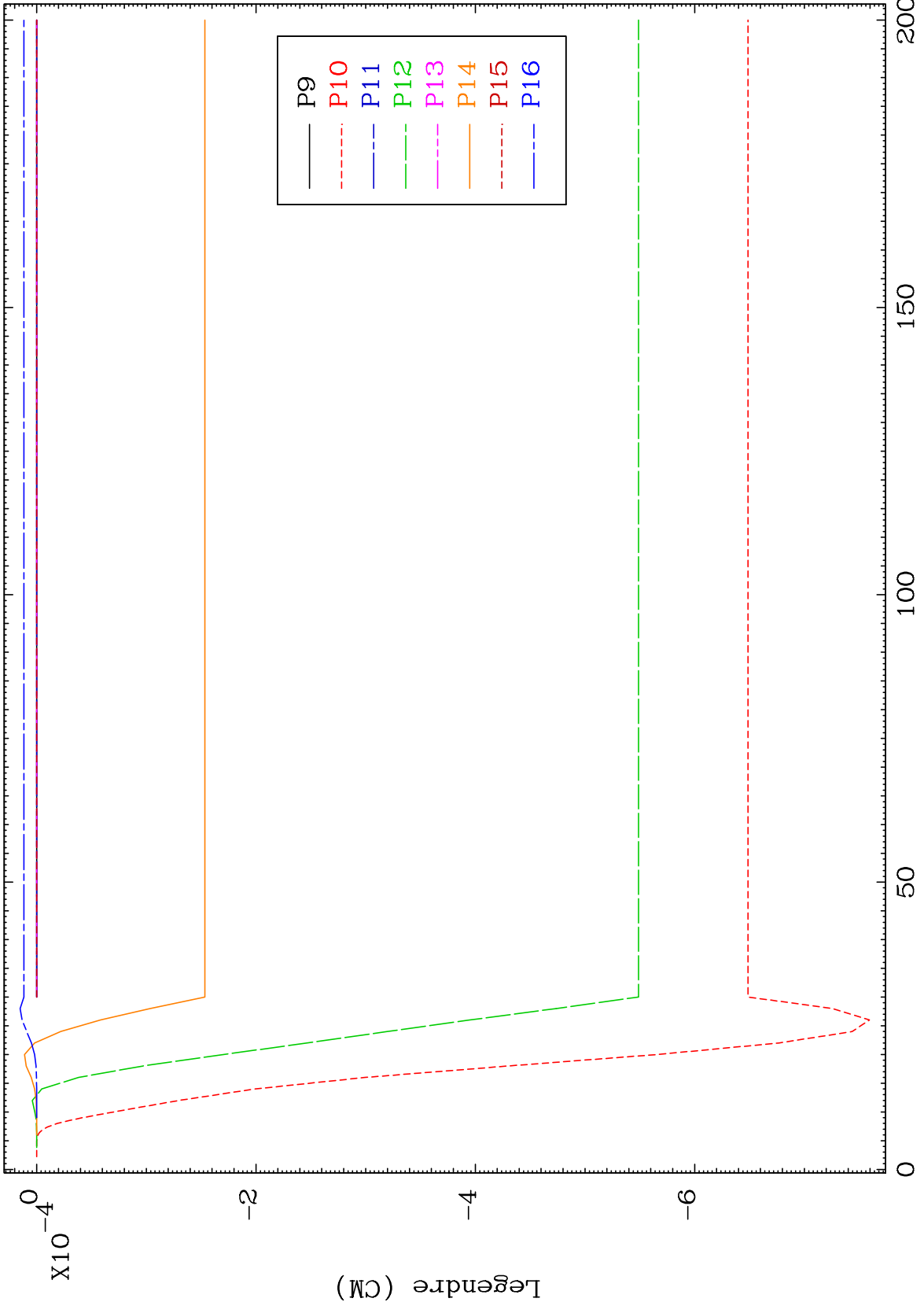


MAT 5486 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-120



48 55-Cs-120

MAT 5486 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-120



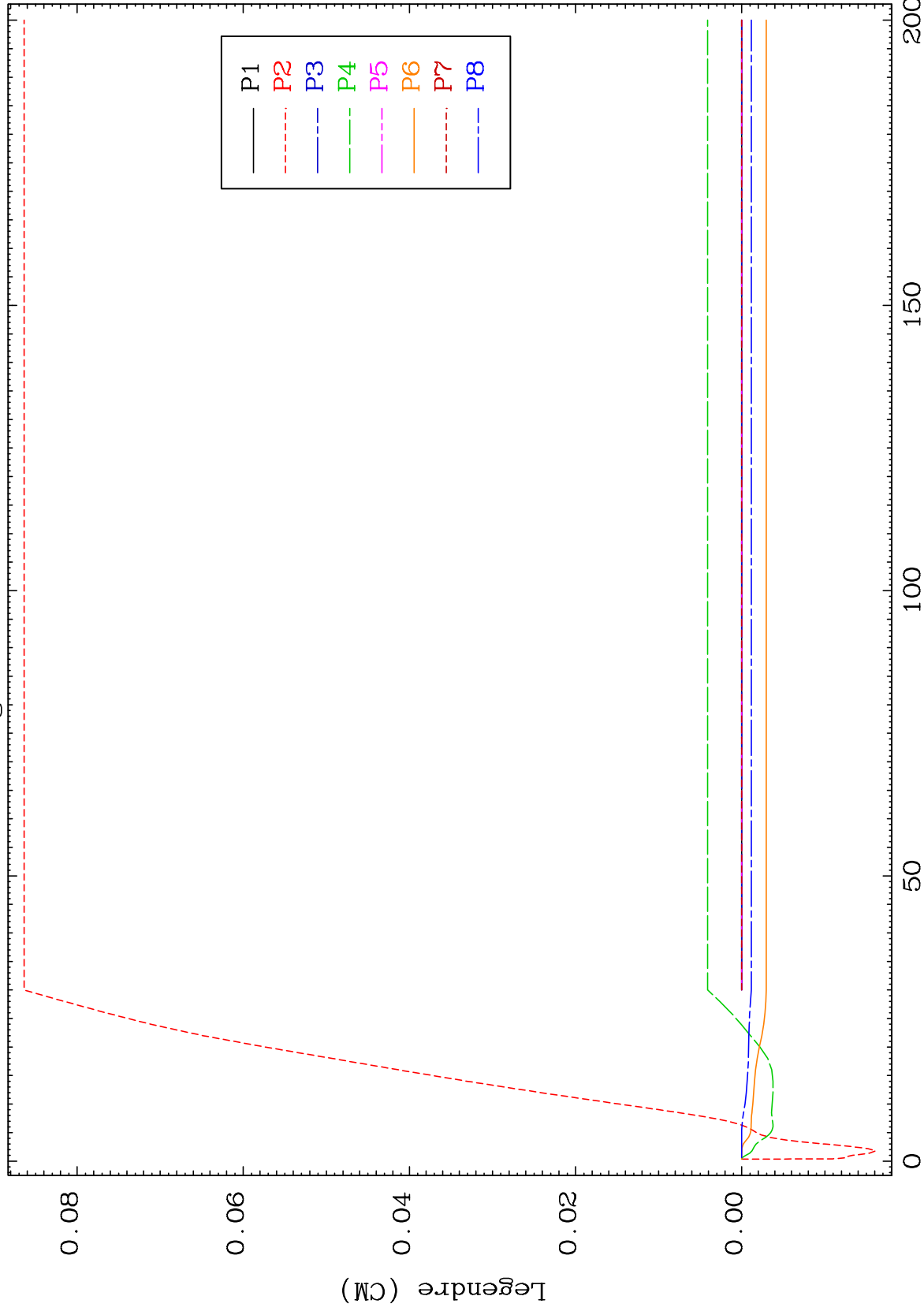
49 55-Cs-120



MAT 5486

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

55-Cs-120

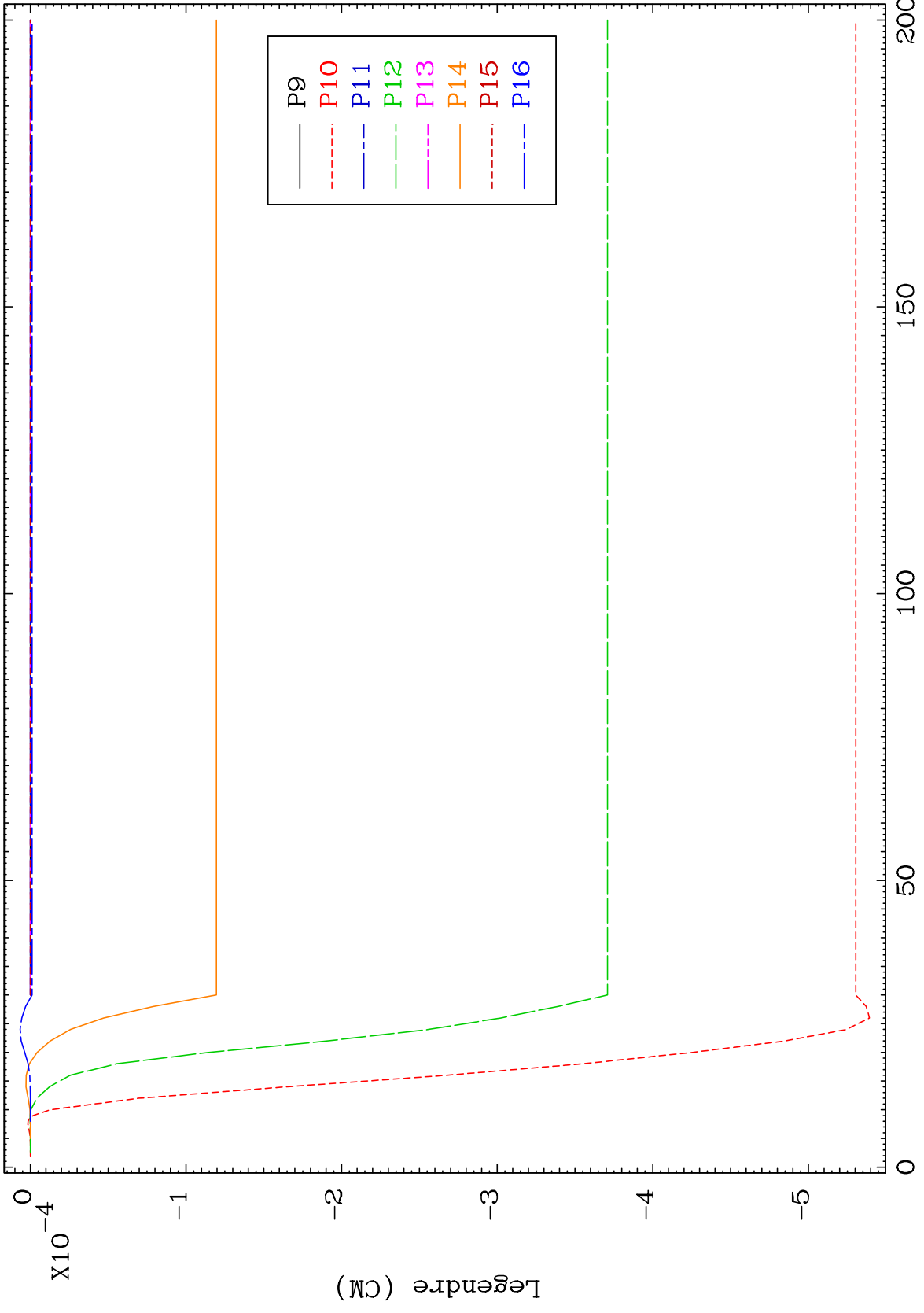


51

Incident Energy (MeV)

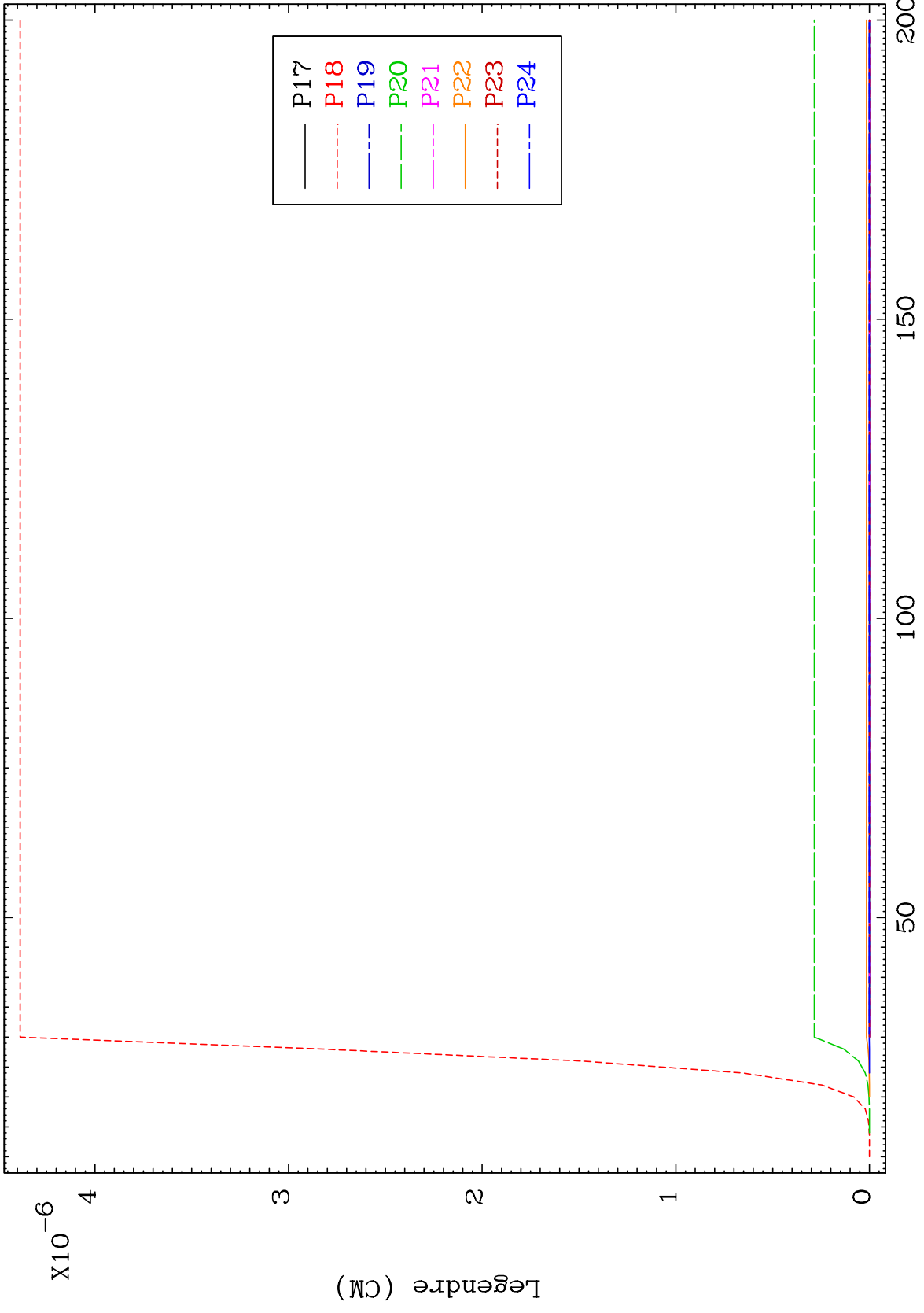
55-Cs-120

MAT 5486 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-120



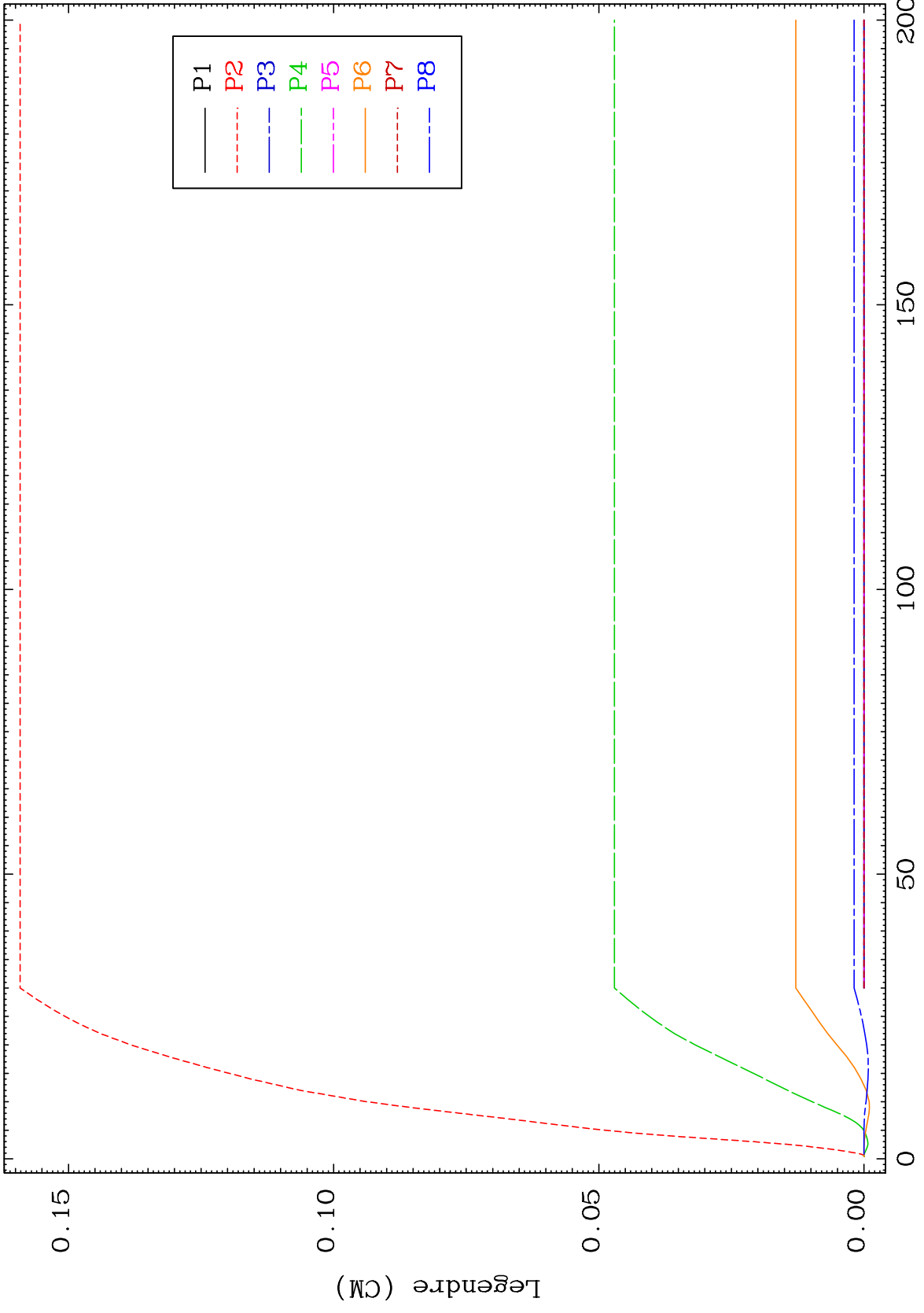
55-Cs-120 Incident Energy (MeV)

MAT 5486 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-120



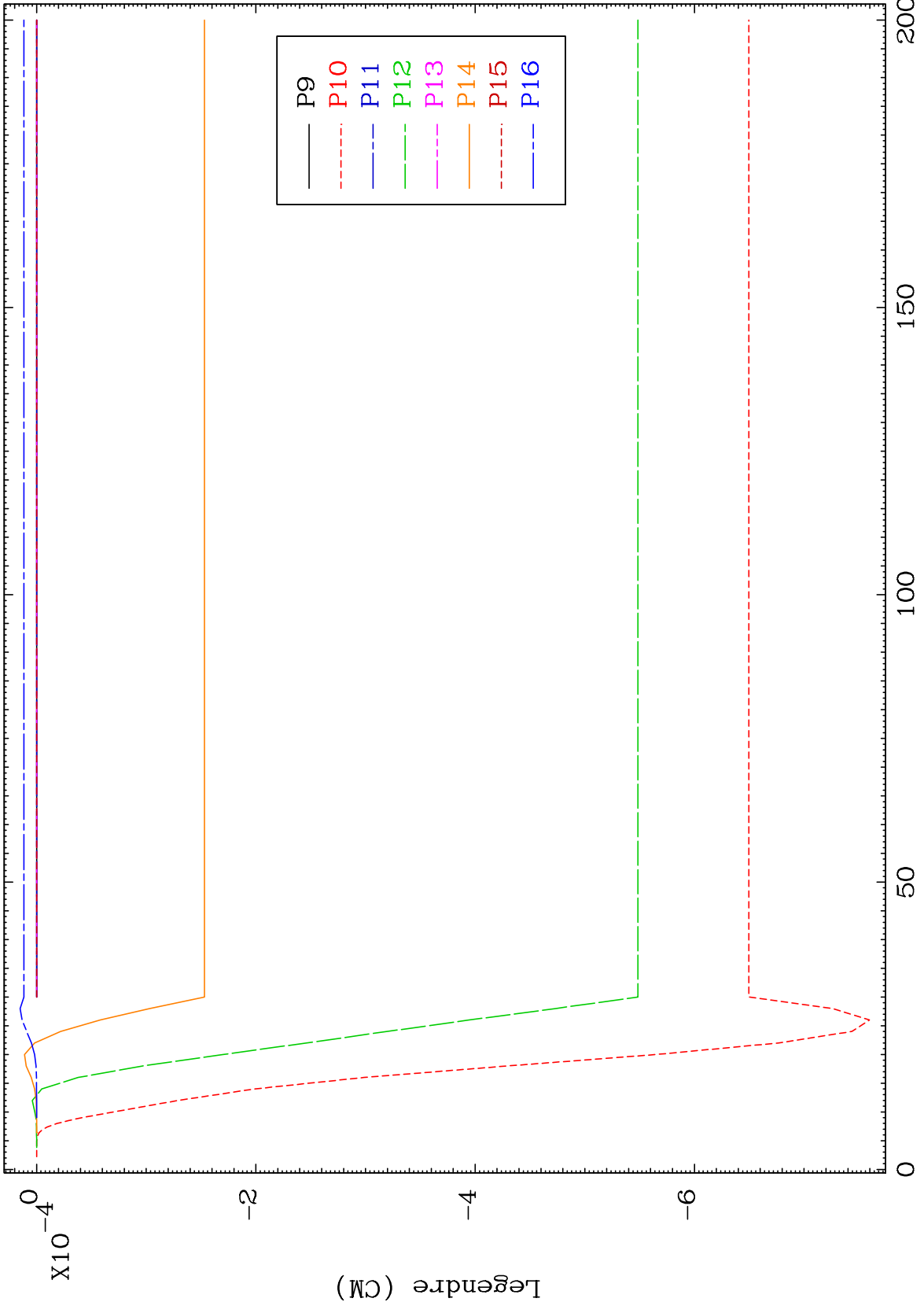
53 Incident Energy (MeV) 55-Cs-120

MAT 5486 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-120



54 55-Cs-120

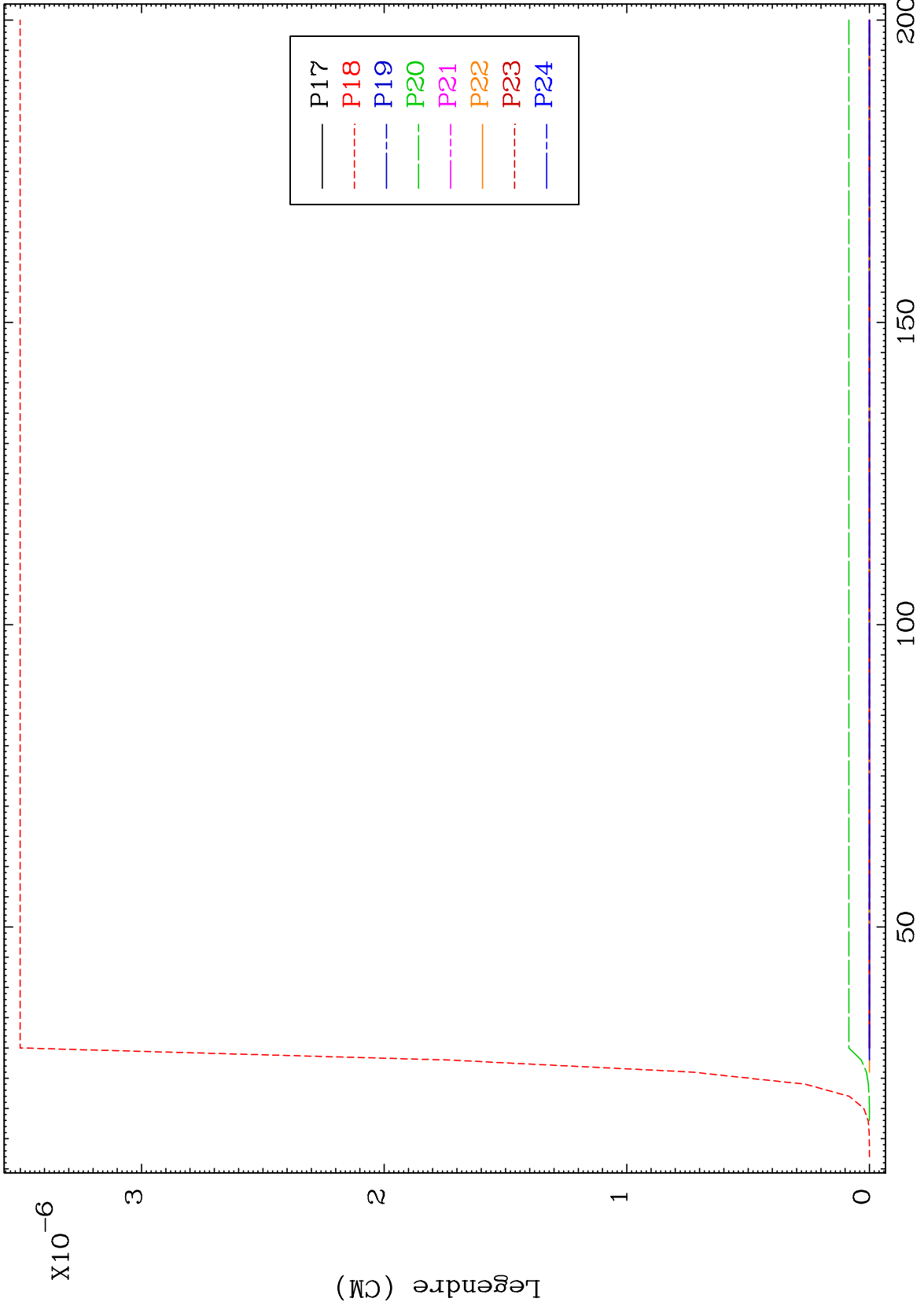
MAT 5486 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-120



55-Cs-120 Incident Energy (MeV)



MAT 5486 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-120

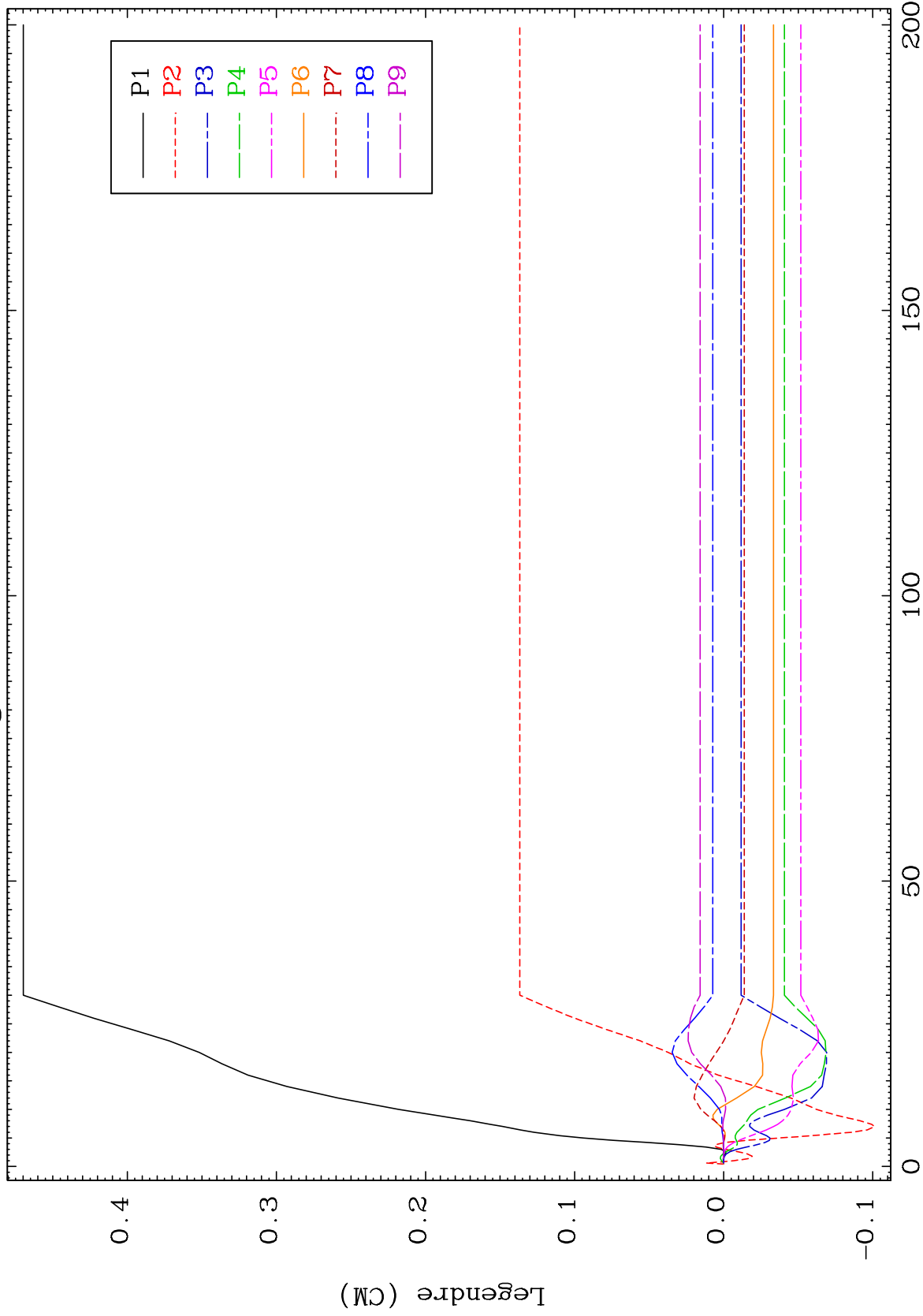


56 55-Cs-120 Incident Energy (MeV) 200

MAT 5486

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

55-Cs-120



57

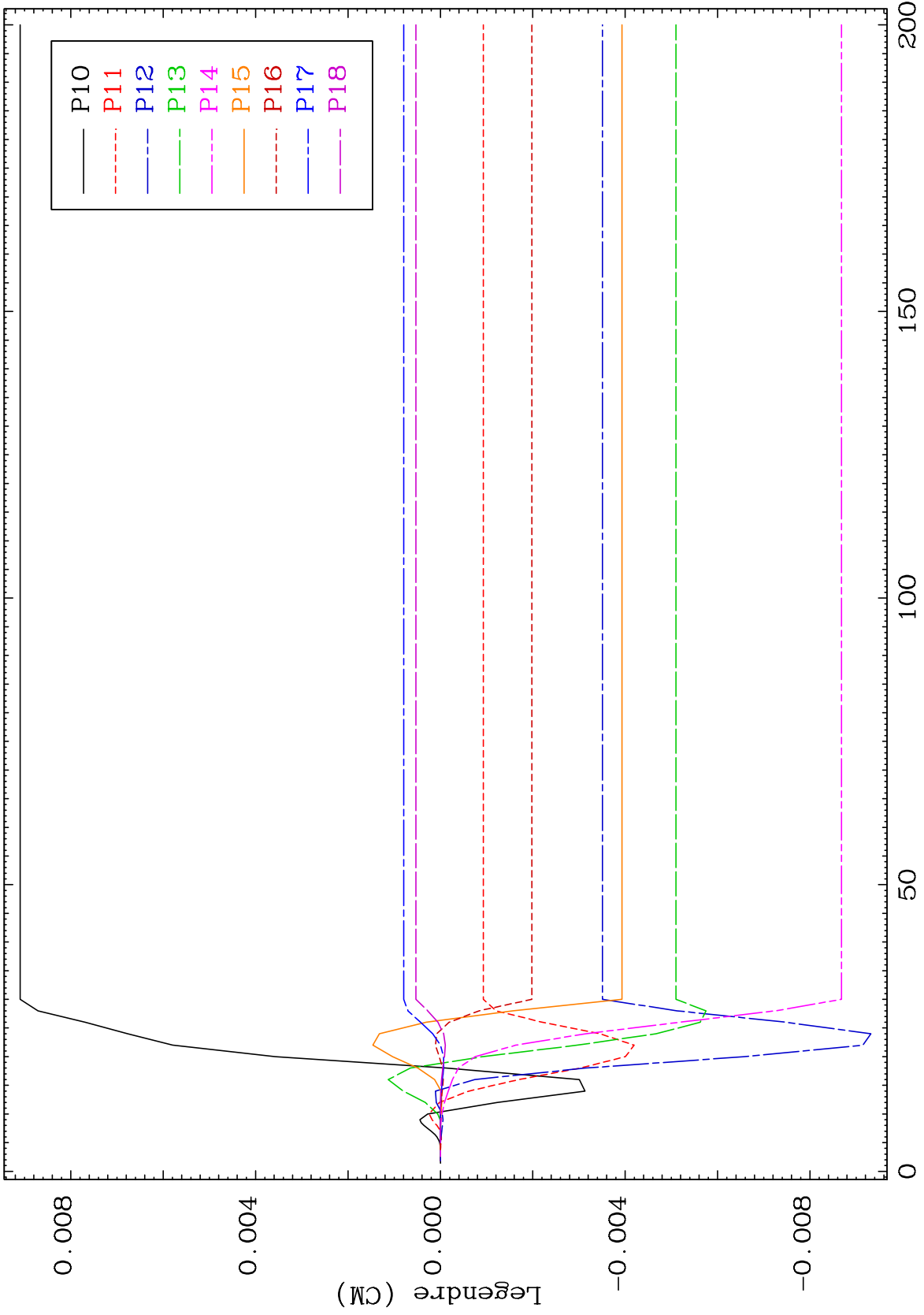
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



58

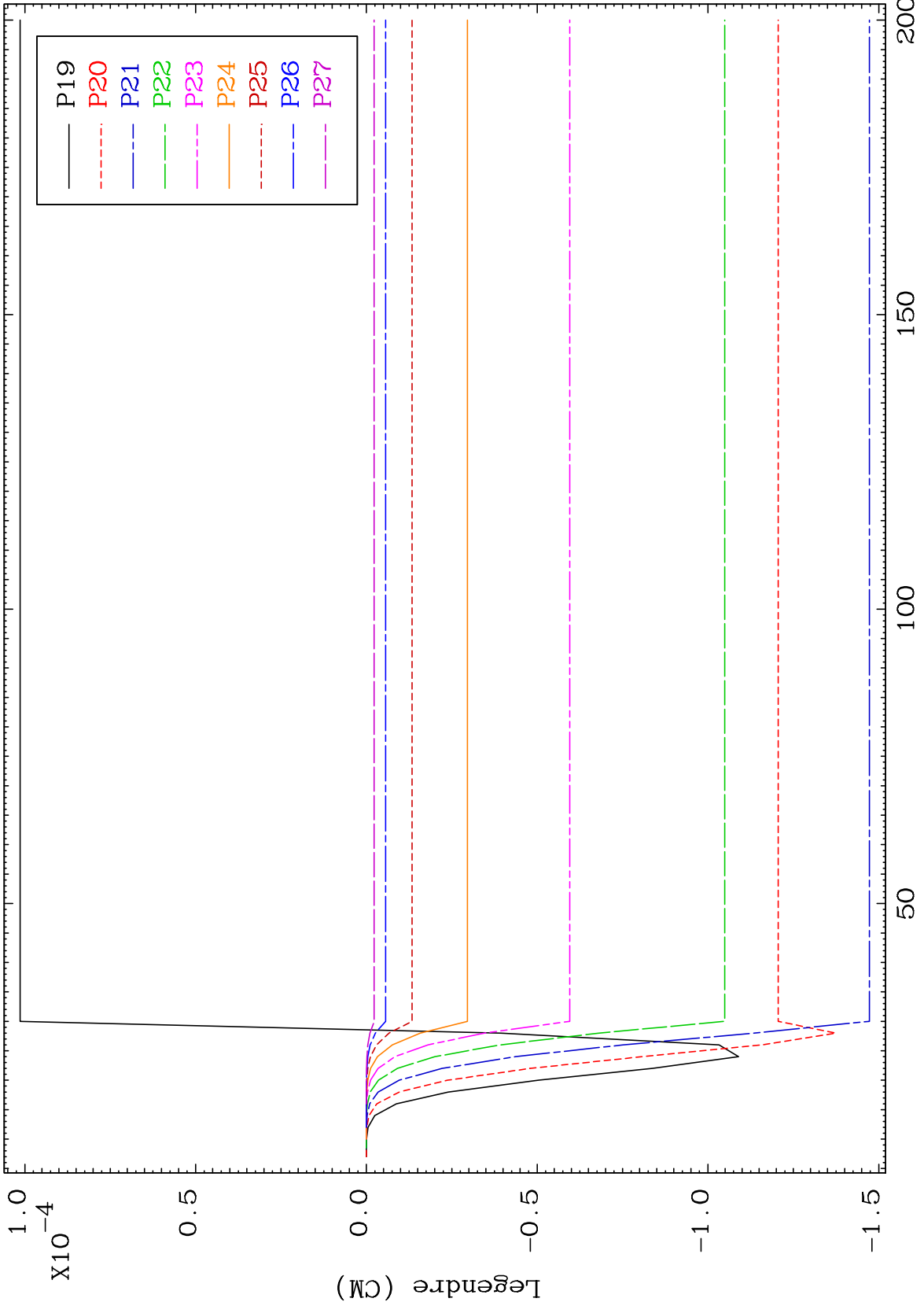
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120

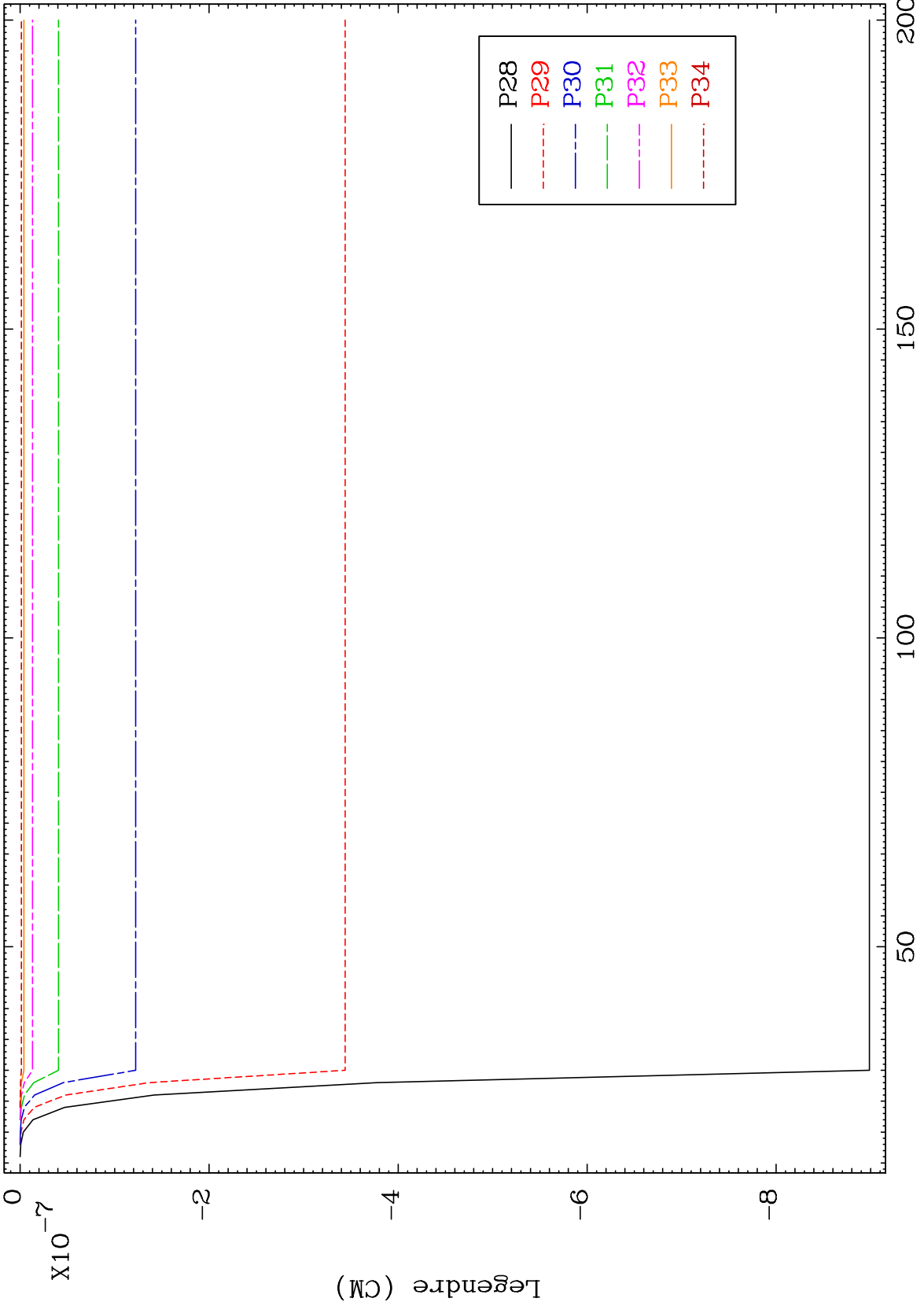


59

Incident Energy (MeV)

55-Cs-120

MAT 5486 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-120

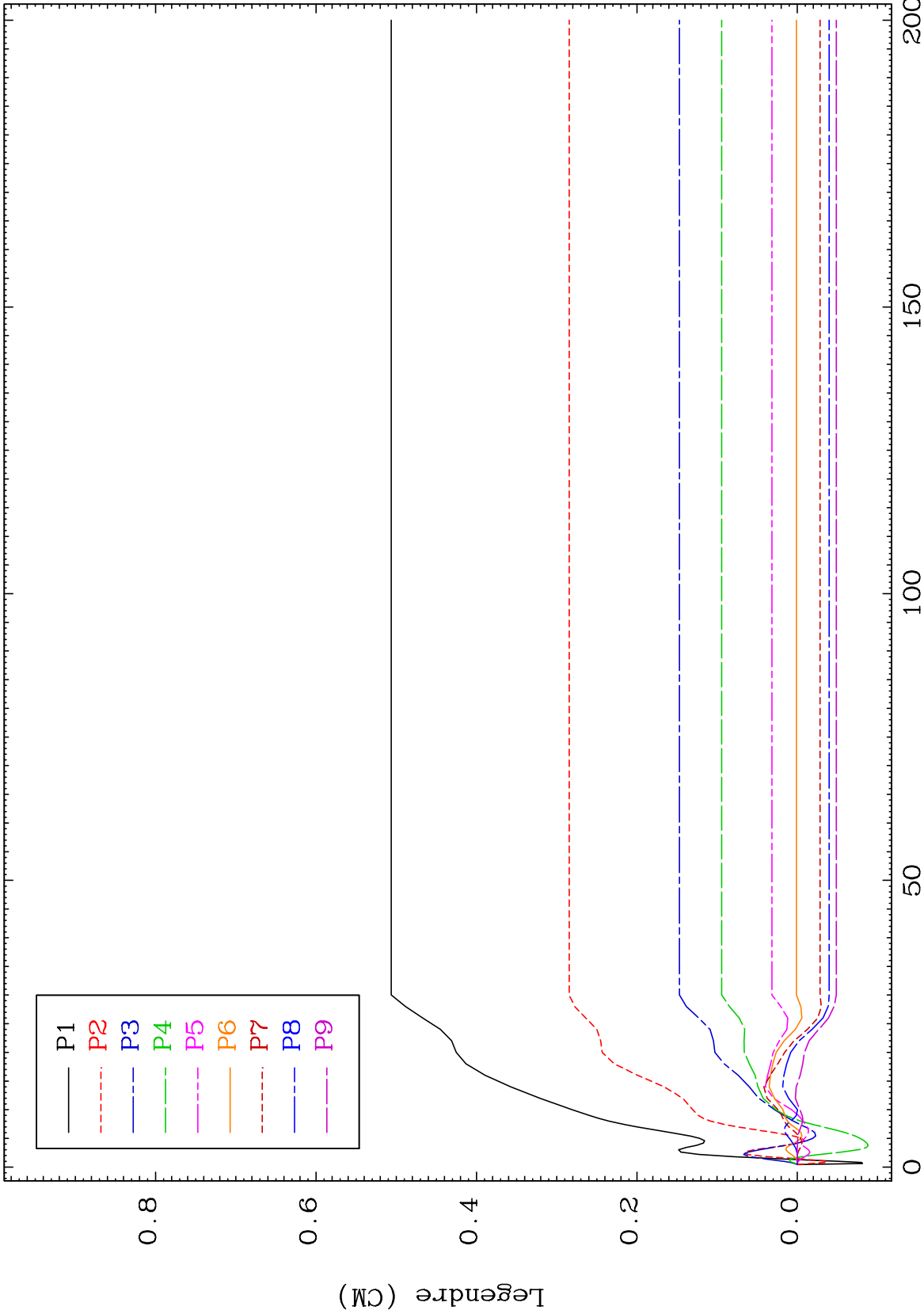


60 50 100 150 200 55-Cs-120

MAT 5486

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

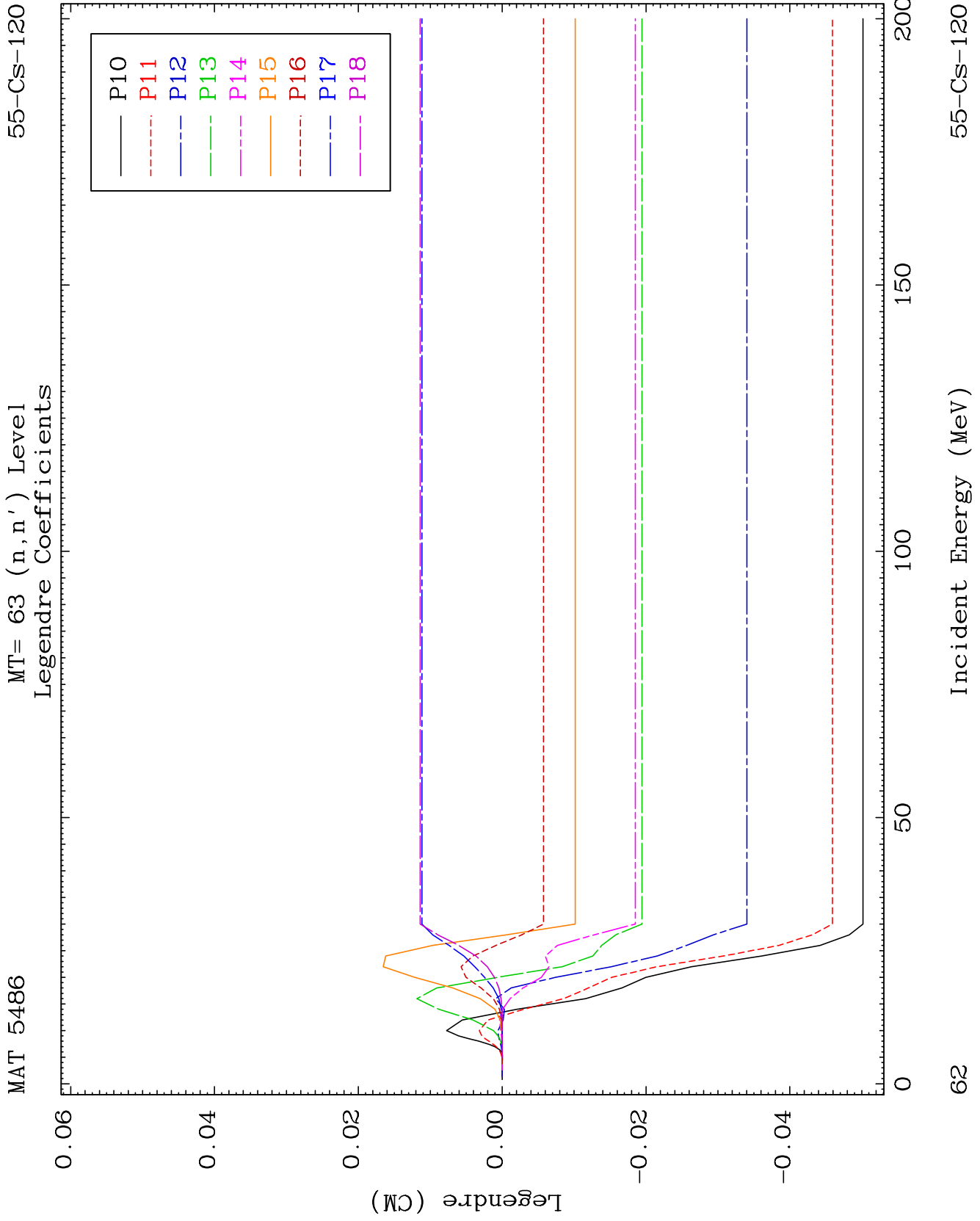
55-Cs-120



61

Incident Energy (MeV)

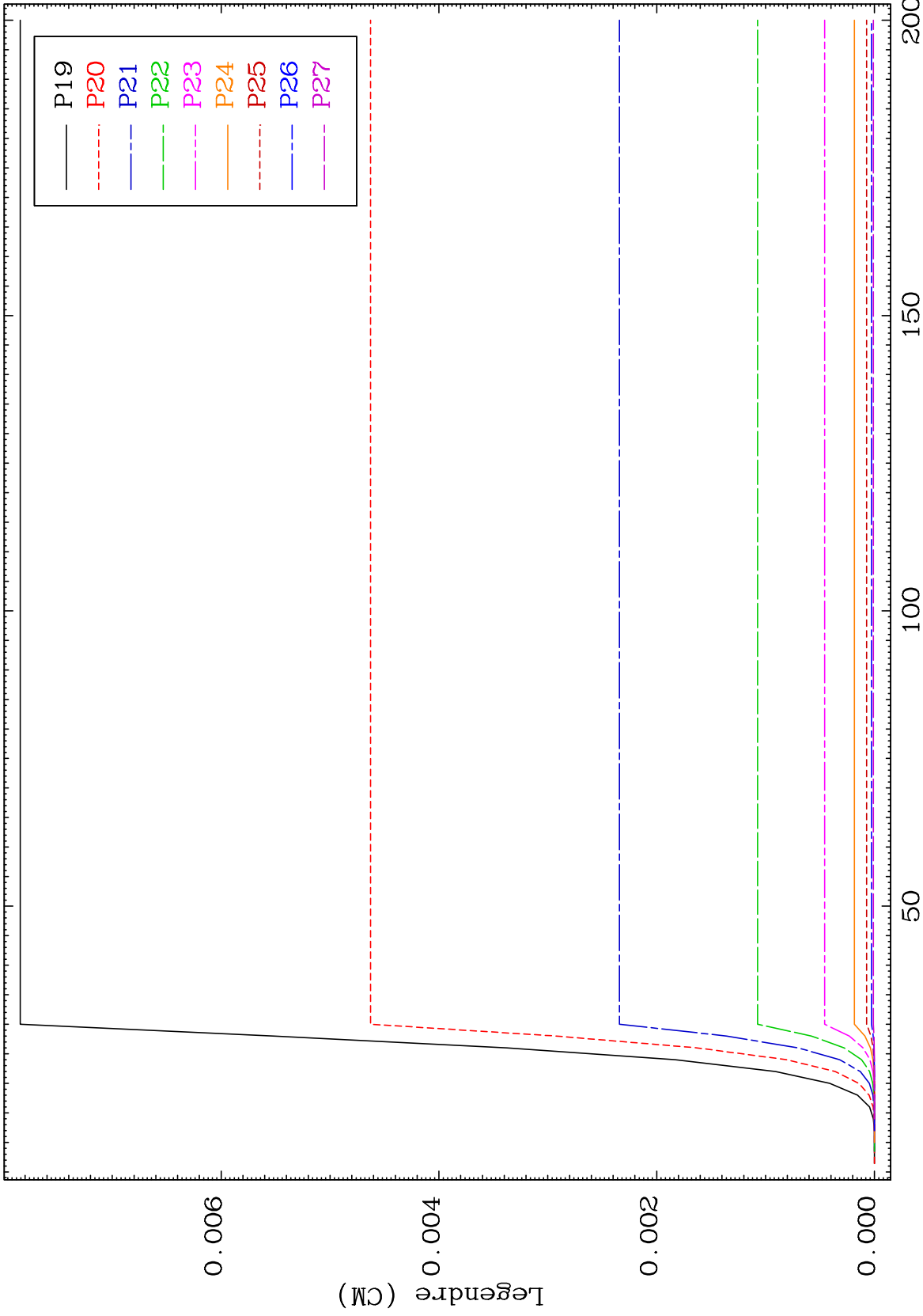
55-Cs-120



MAT 5486

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

55-Cs-120



63

Incident Energy (MeV)

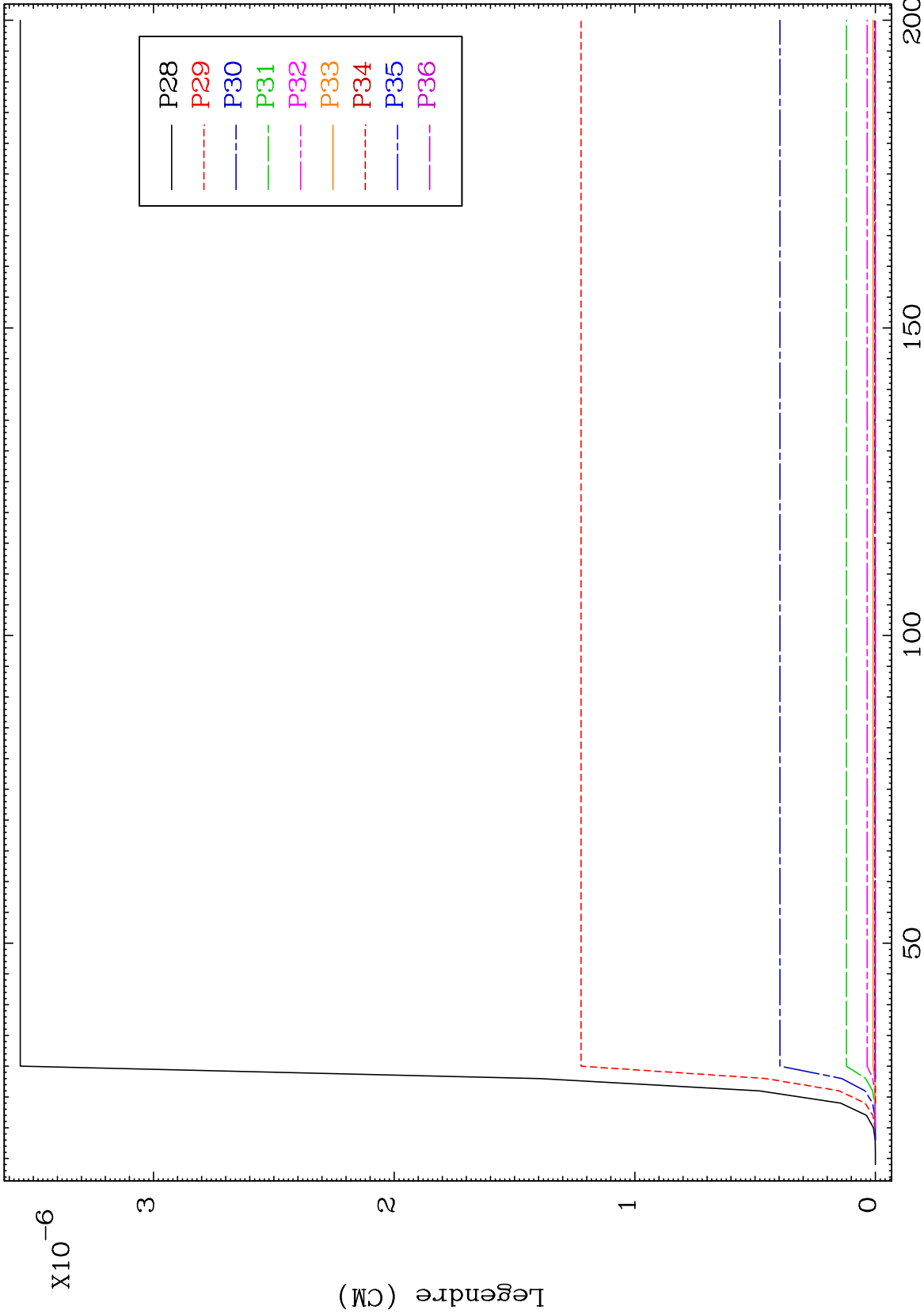
55-Cs-120



MAT 5486

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

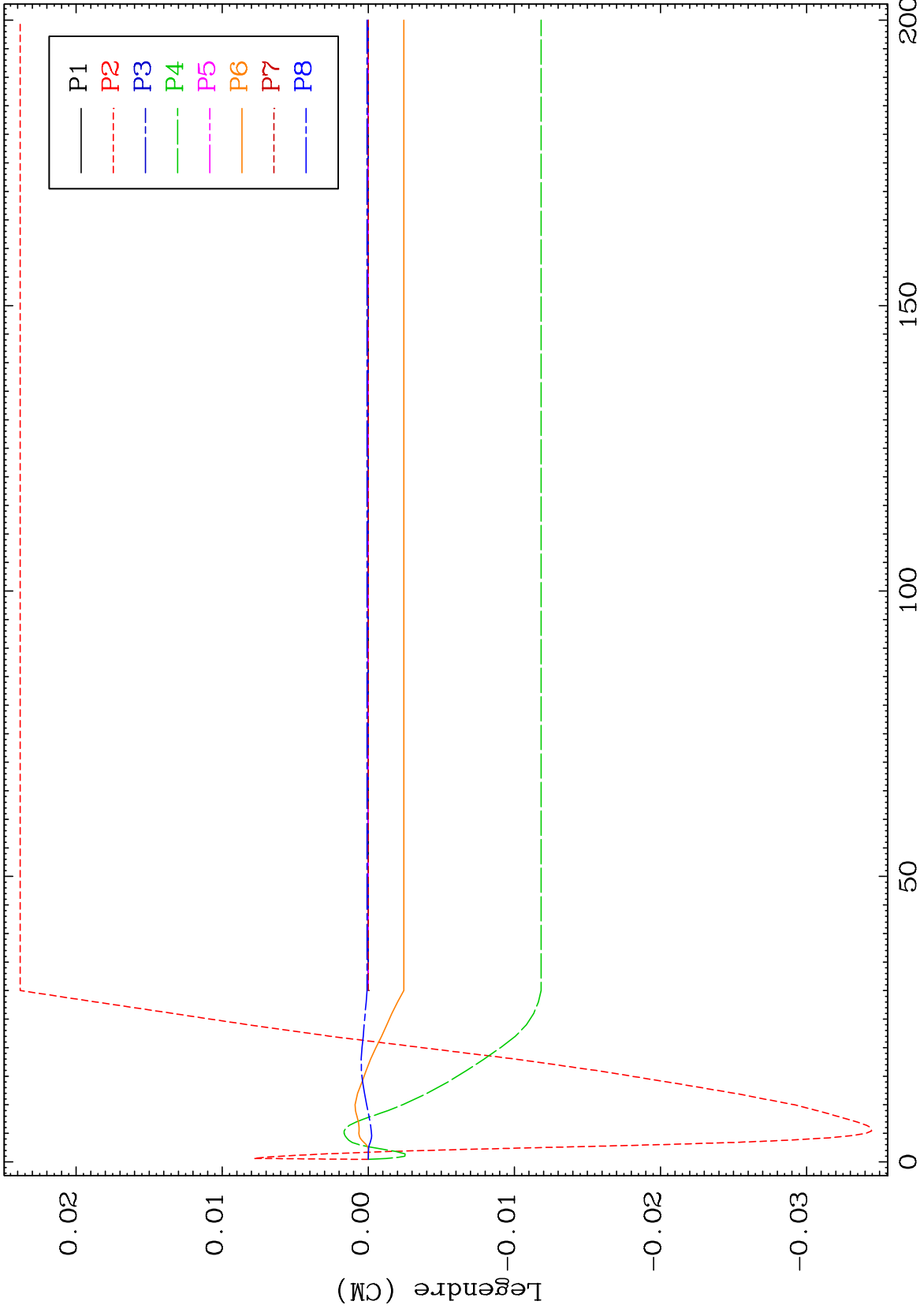
55-Cs-120



MAT 5486

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

55-Cs-120



65

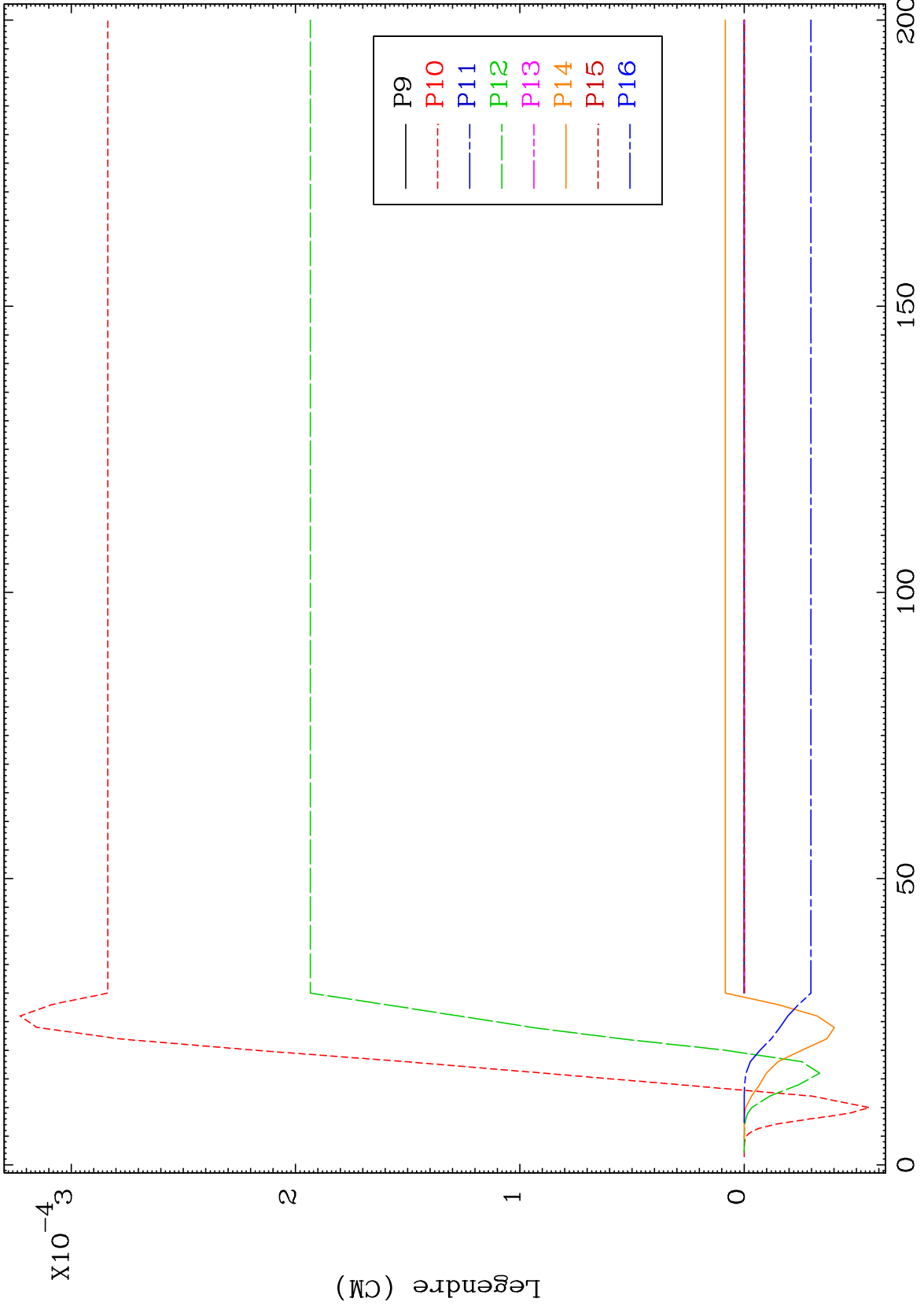
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120

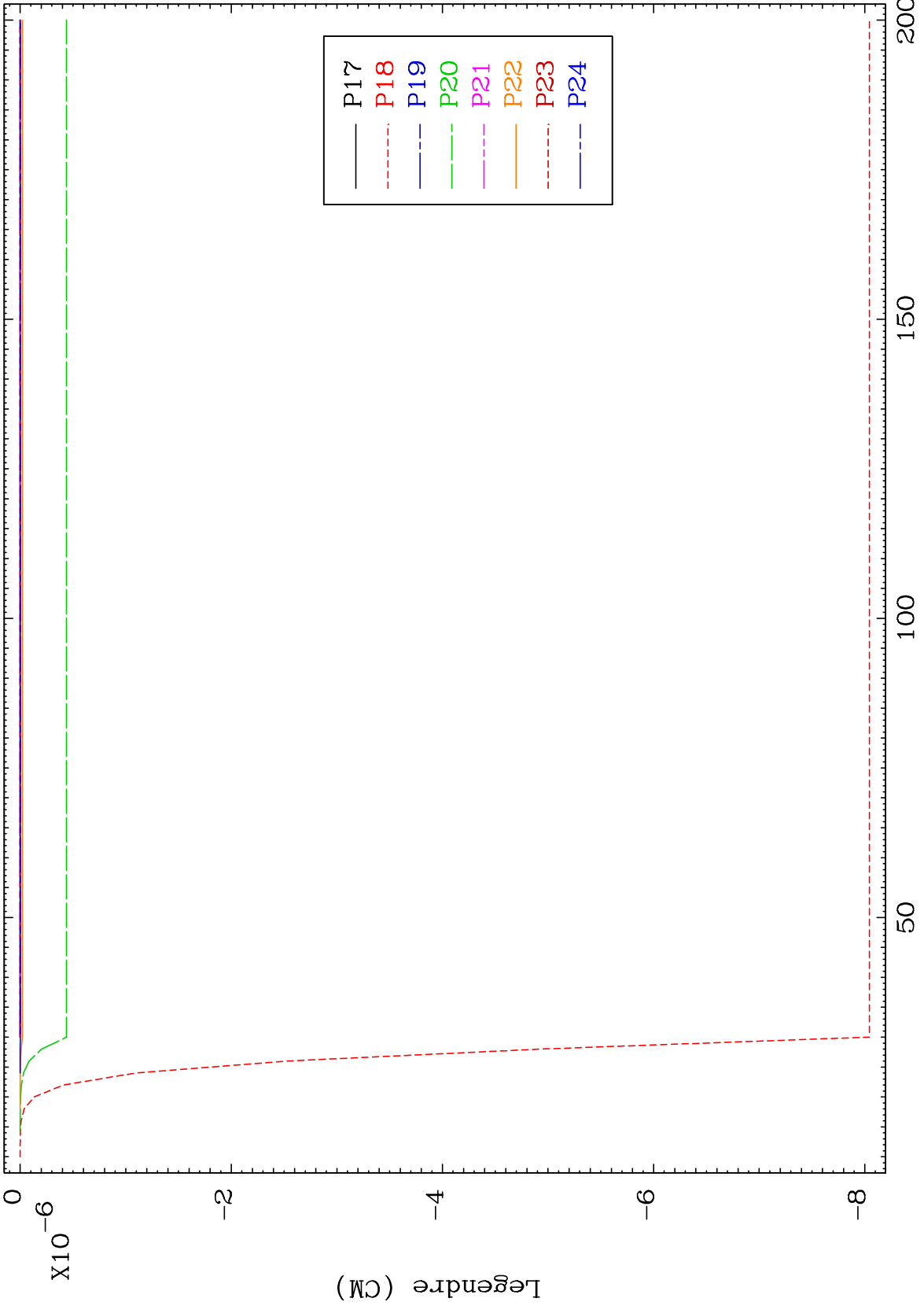


66

Incident Energy (MeV)

55-Cs-120

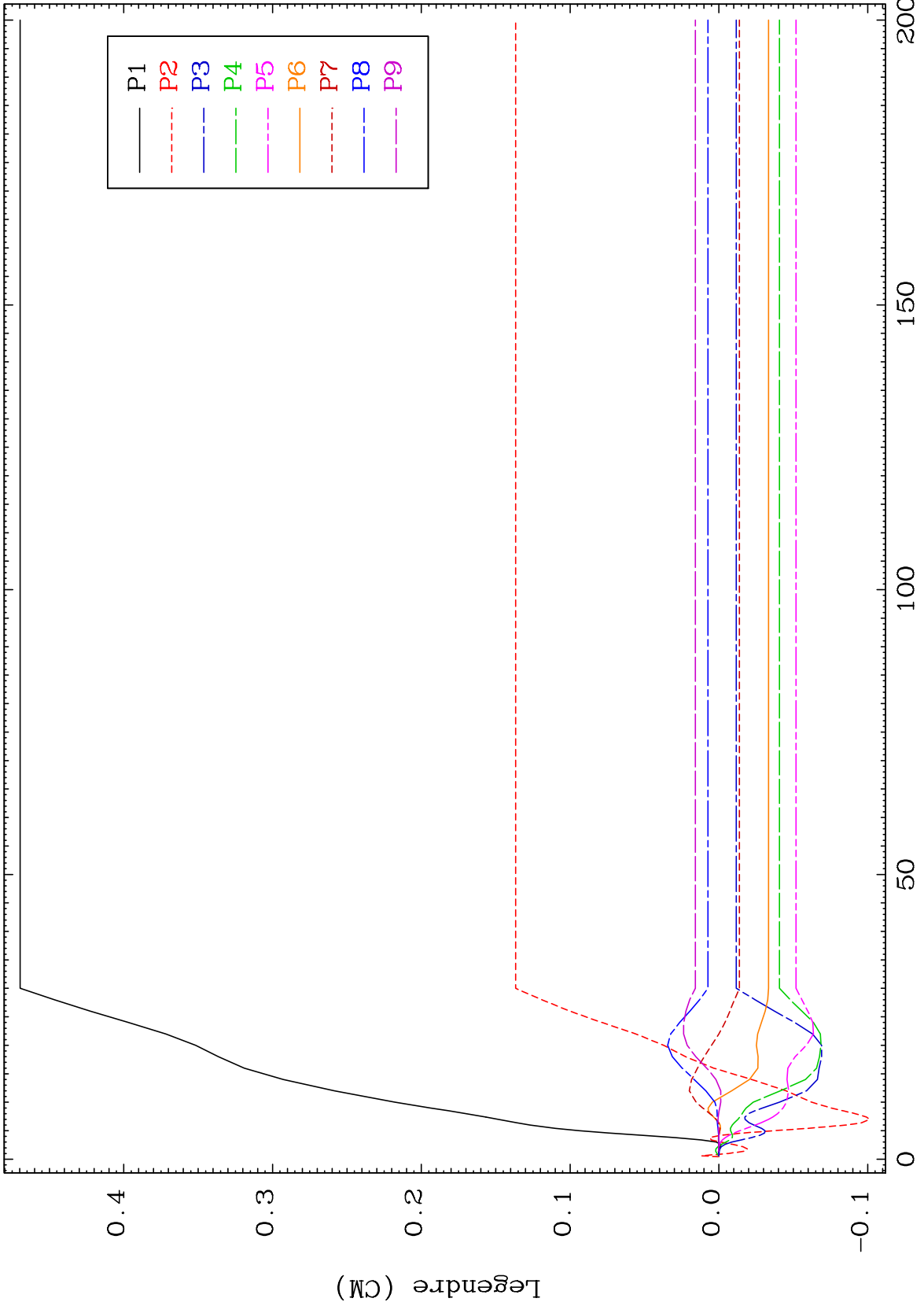
MAT 5486 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-120



MAT 5486

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

55-Cs-120



68

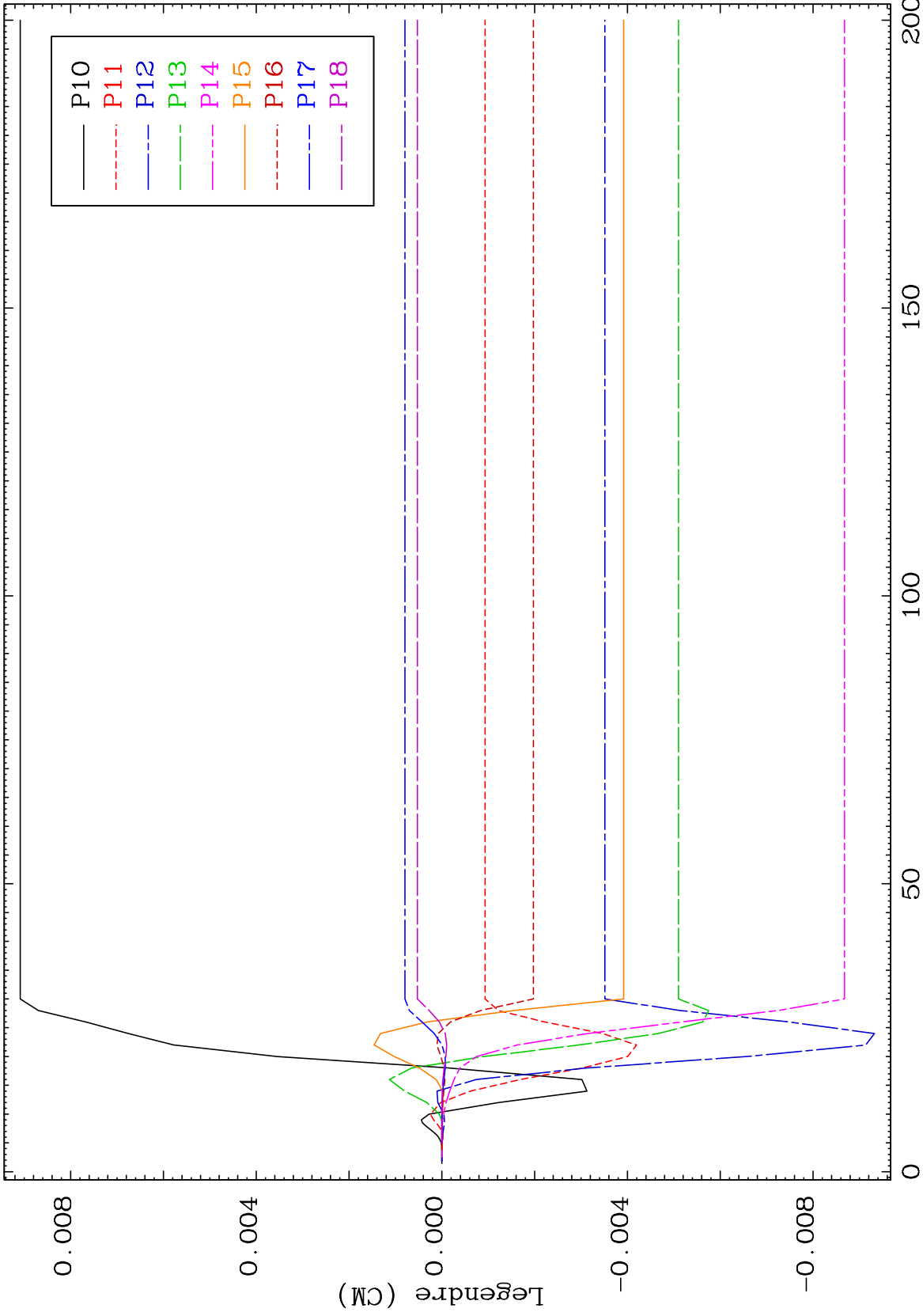
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



69

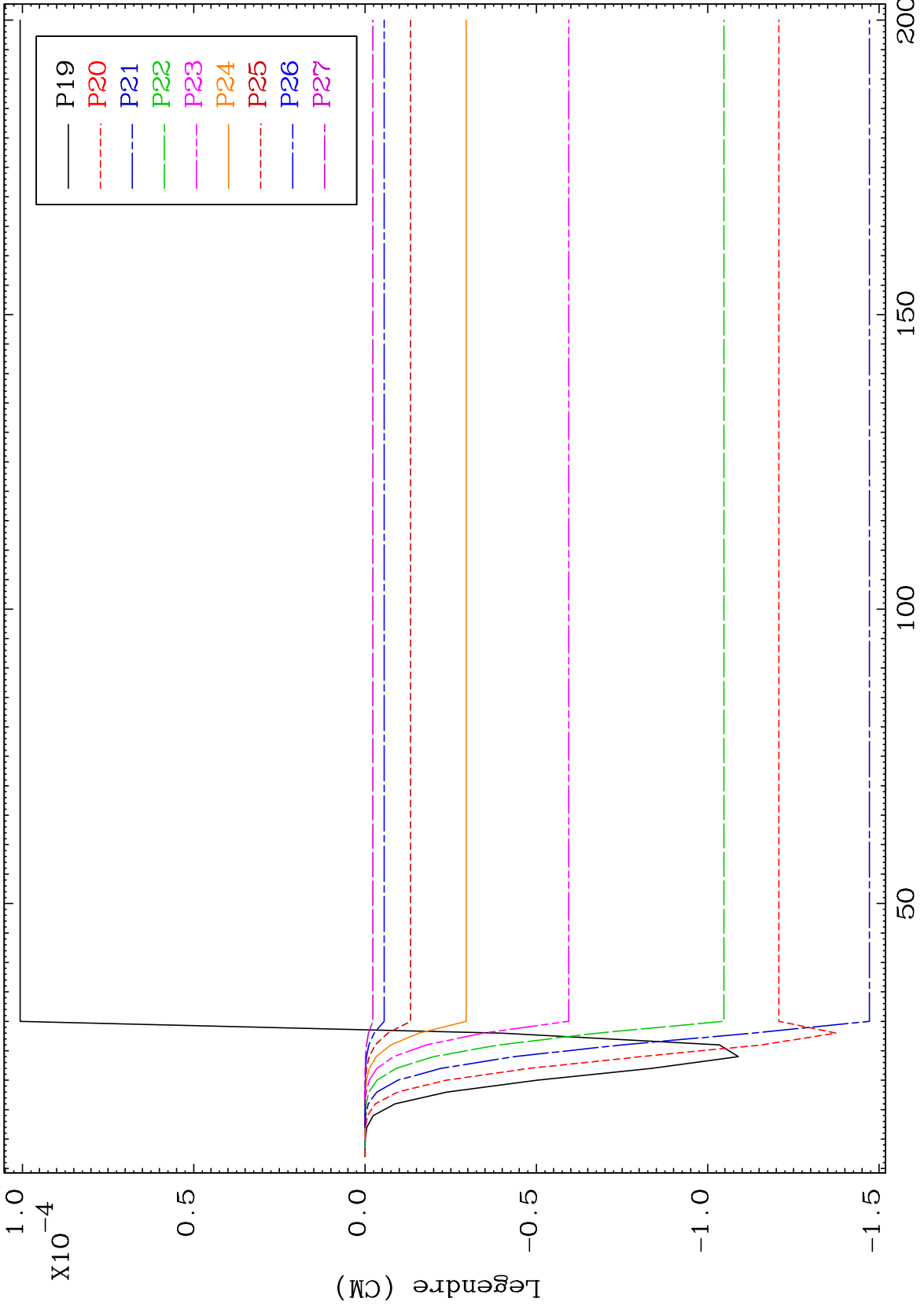
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120

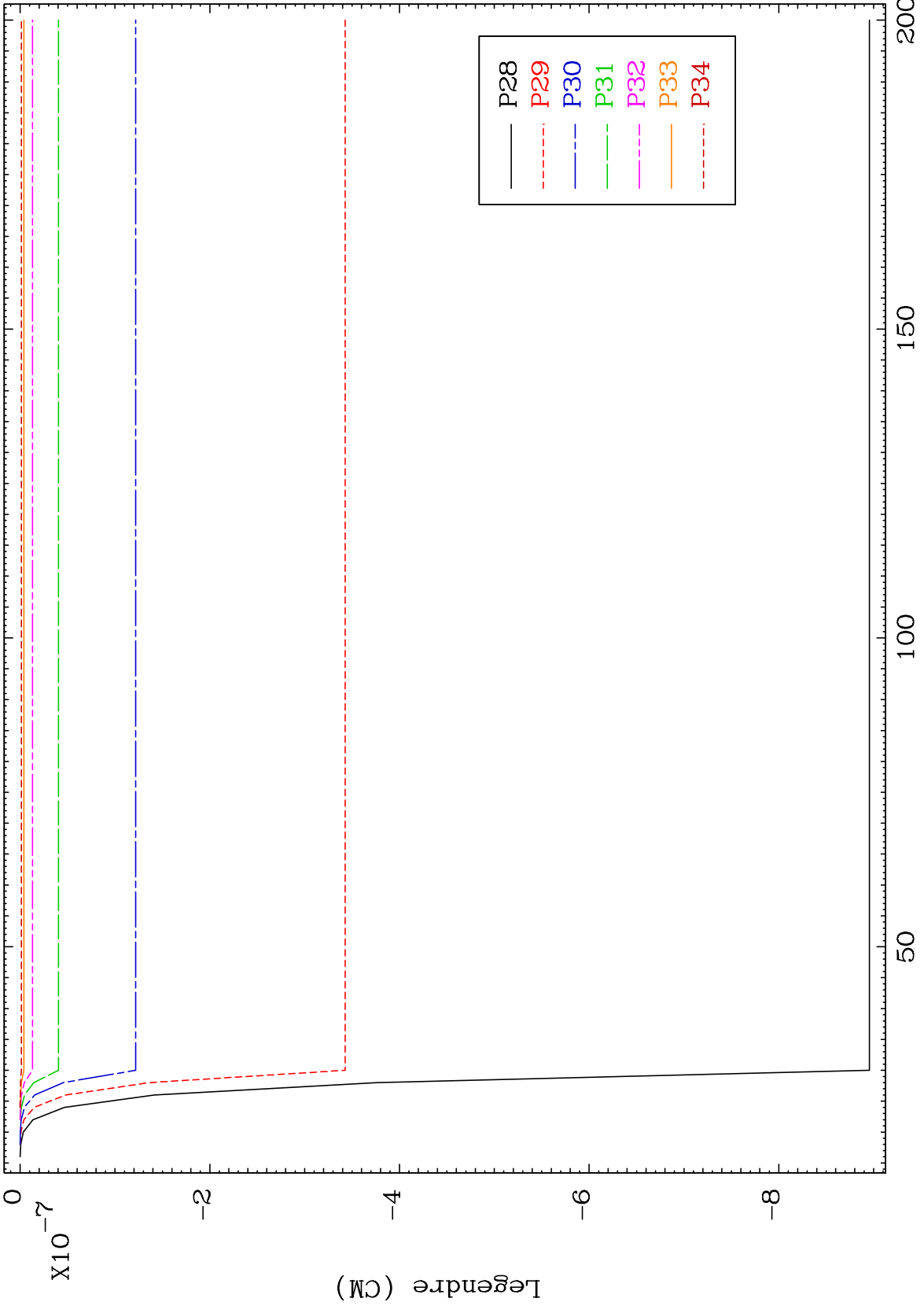


70

Incident Energy (MeV)

55-Cs-120

MAT 5486 MT= 65 (n,n') Level Legendre Coefficients 55-Cs-120

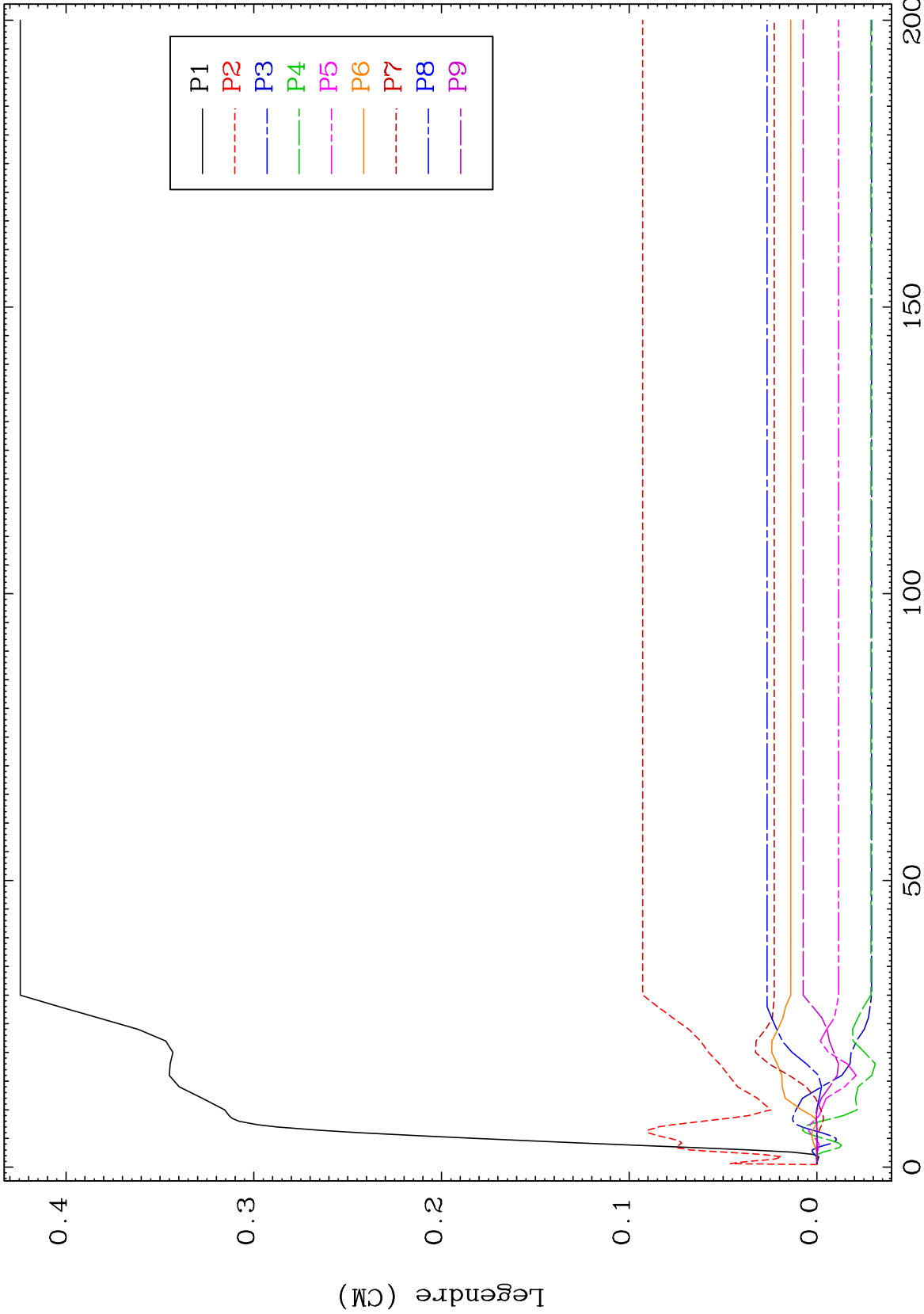




MAT 5486

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

55-Cs-120

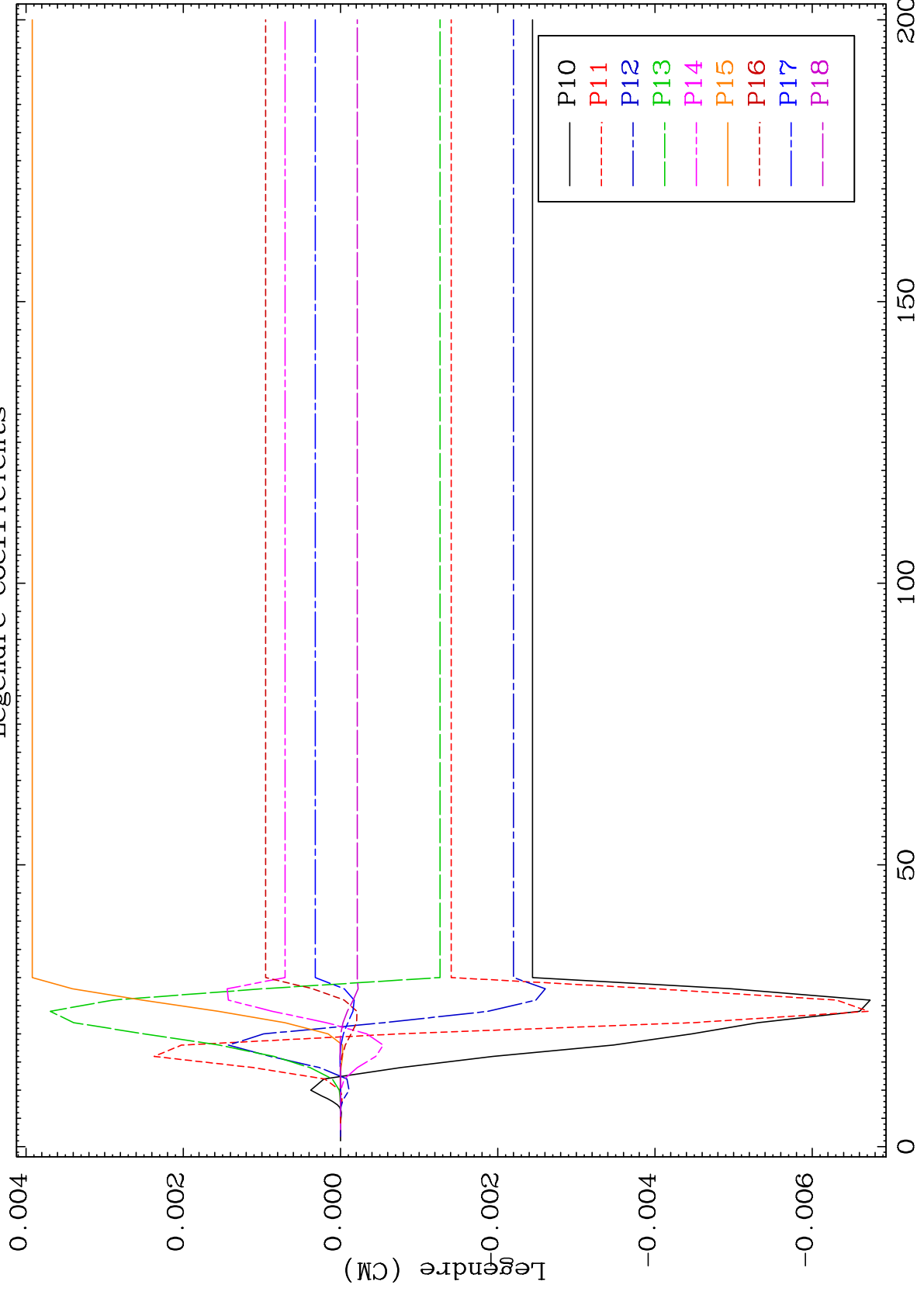


72

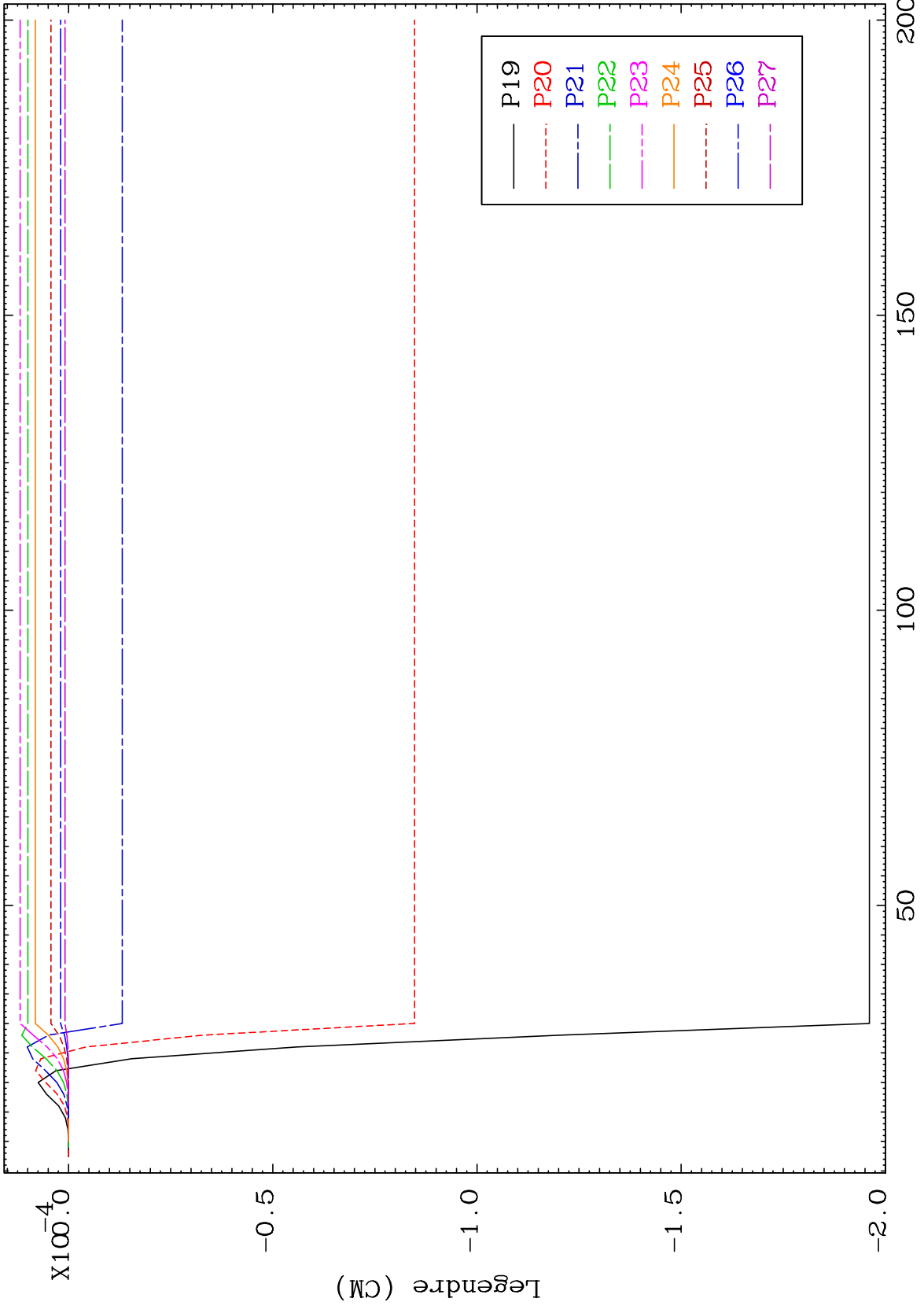
Incident Energy (MeV)

55-Cs-120

MAT 5486 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-120



MAT 5486 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-120

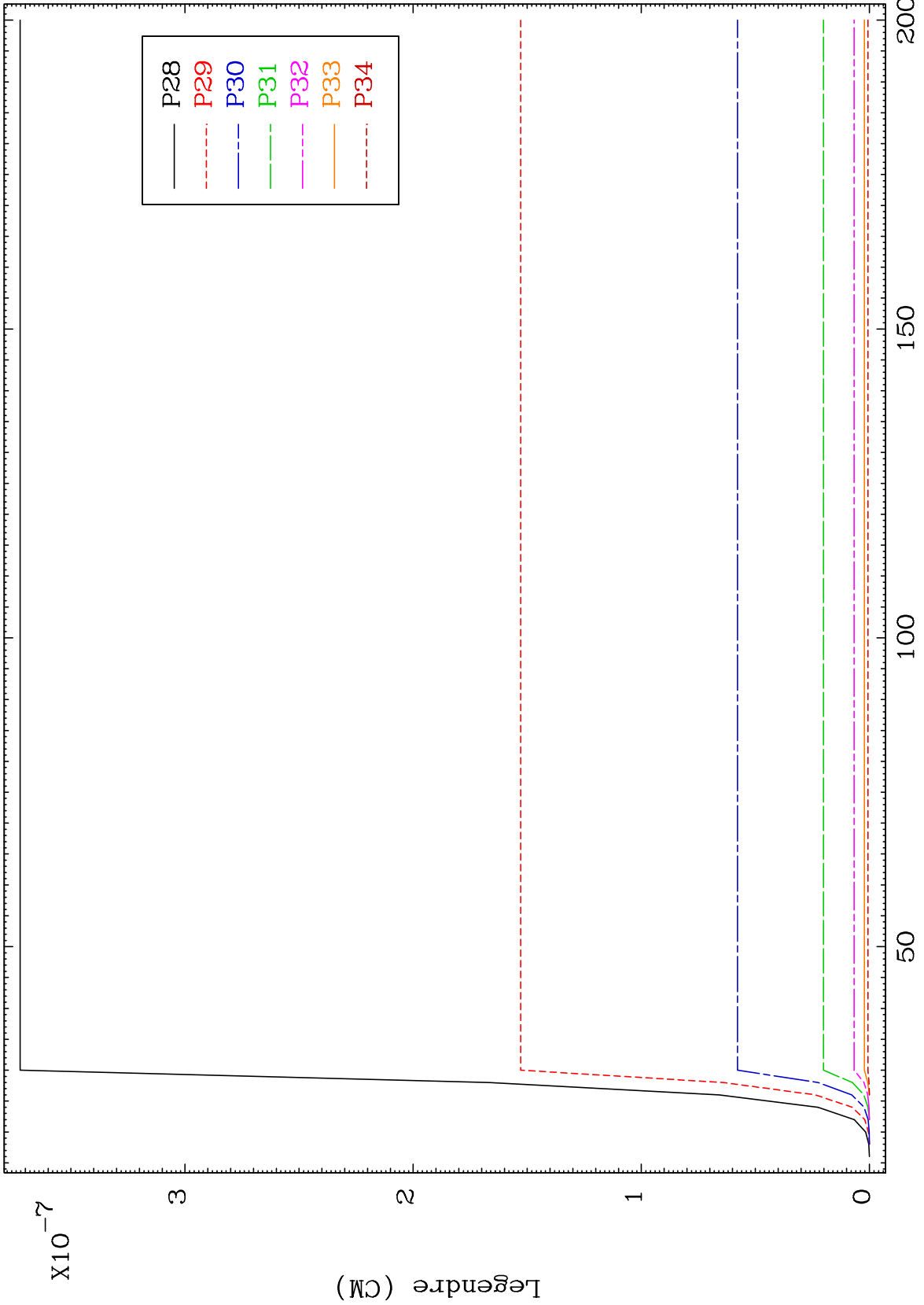


74 55-Cs-120

MAT 5486

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

55-Cs-120



75

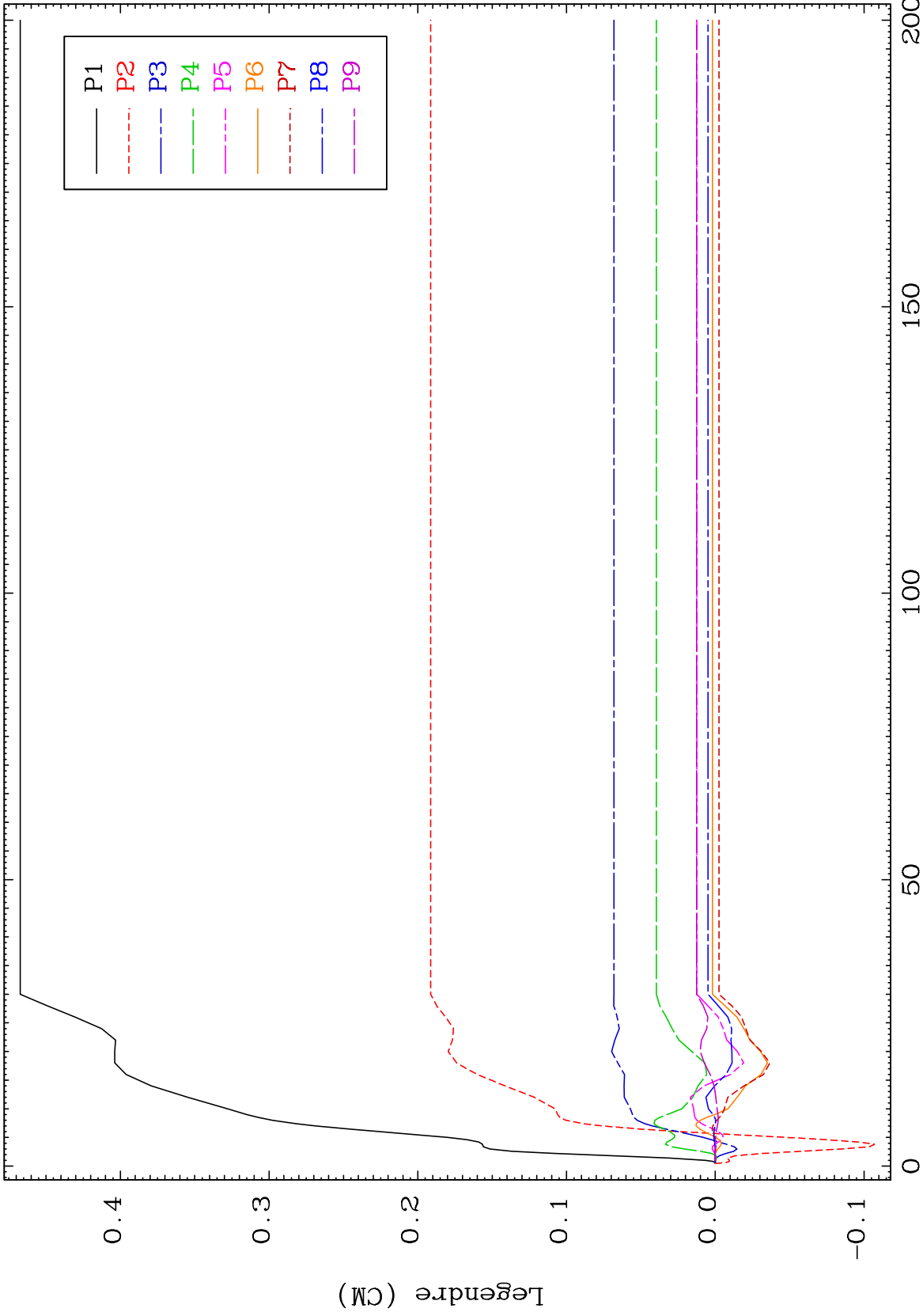
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



76

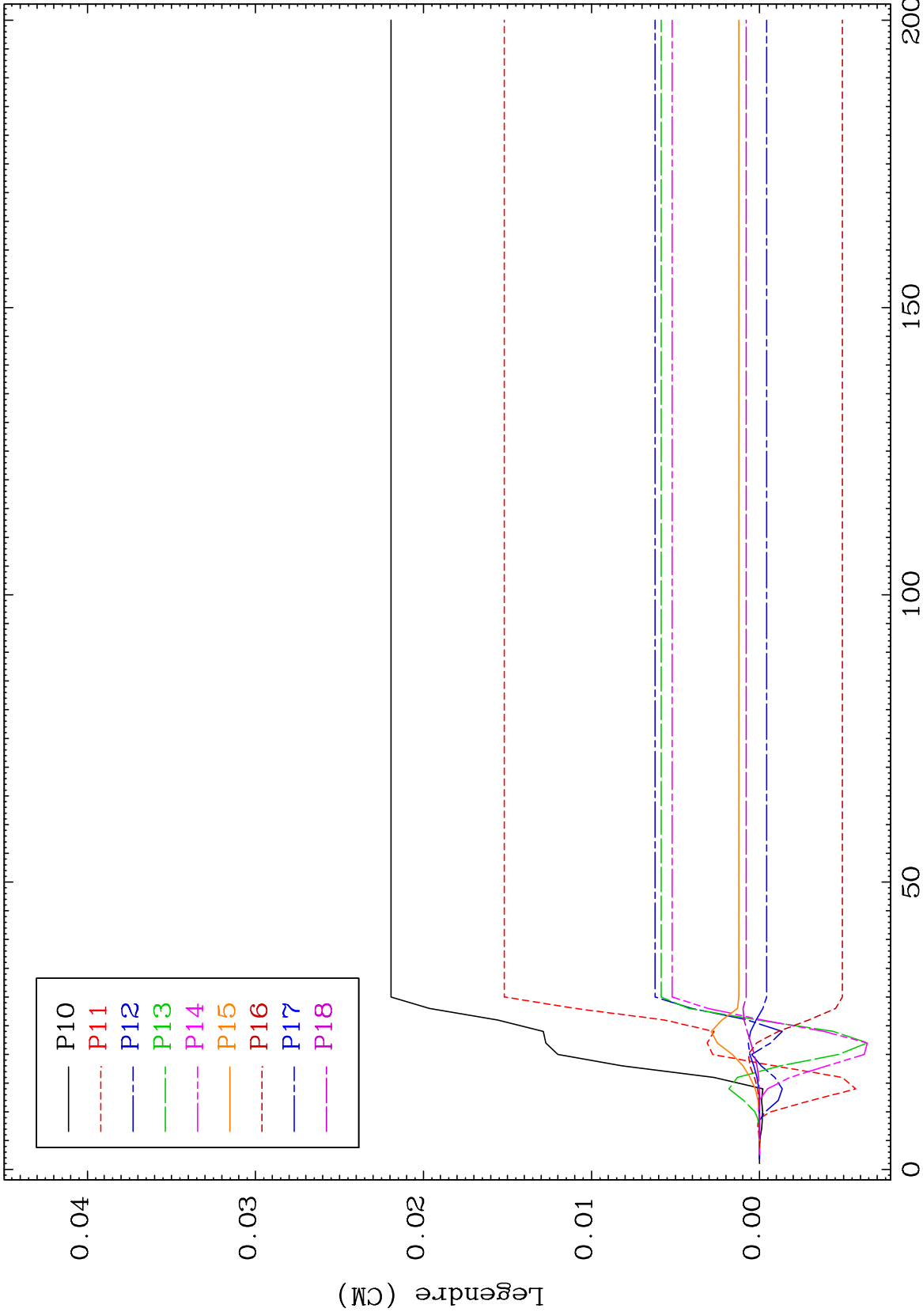
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



77

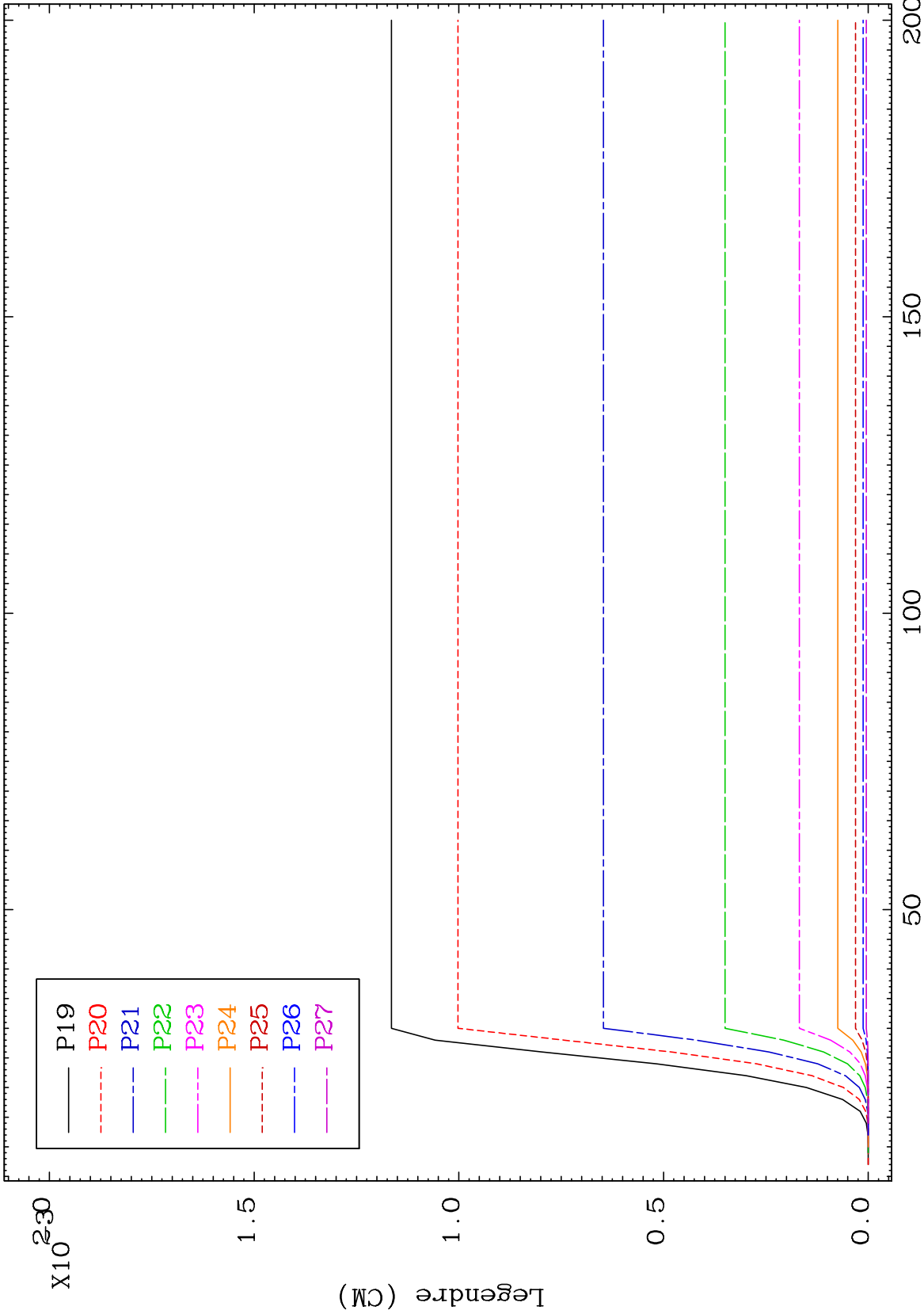
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



78

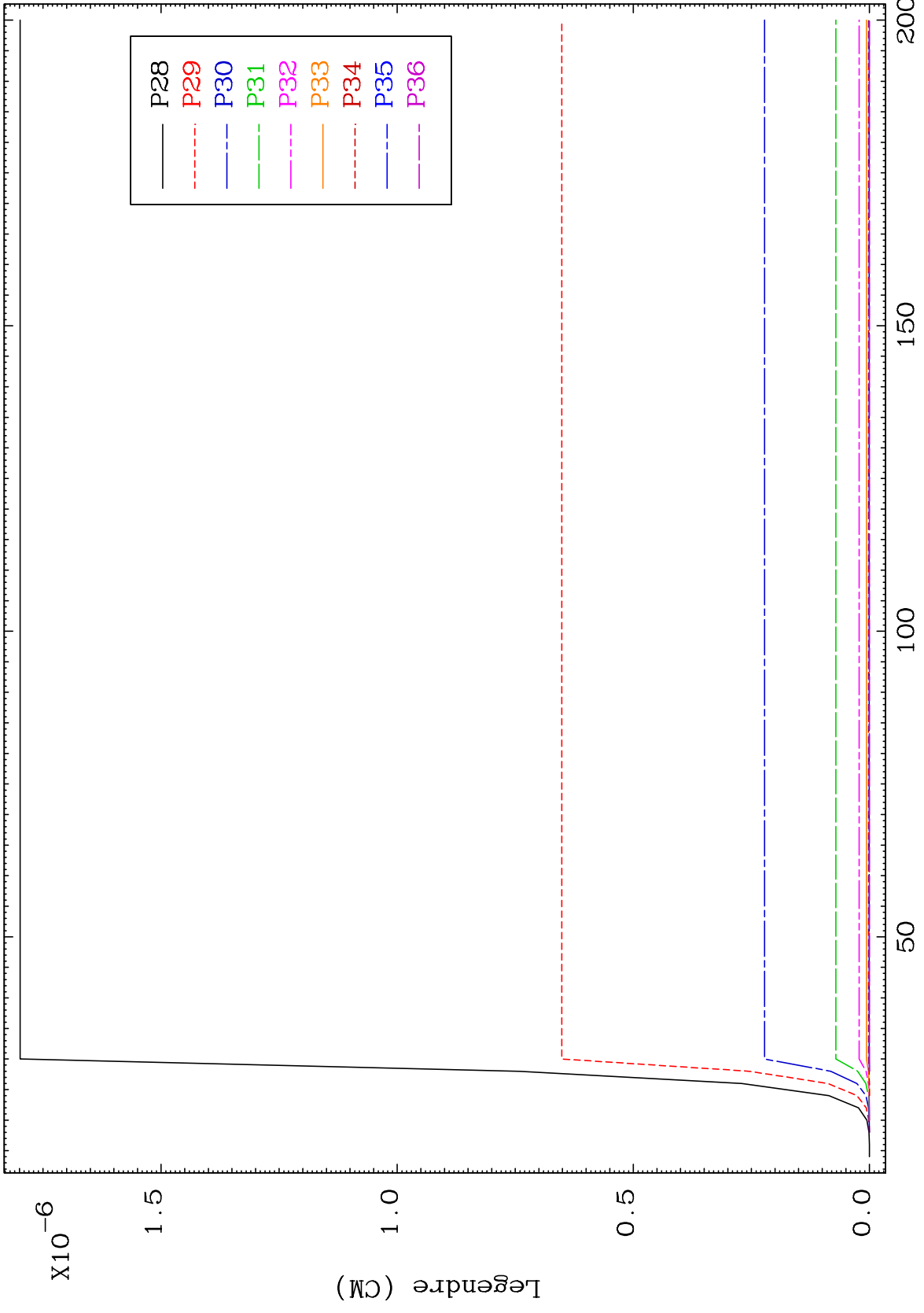
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120

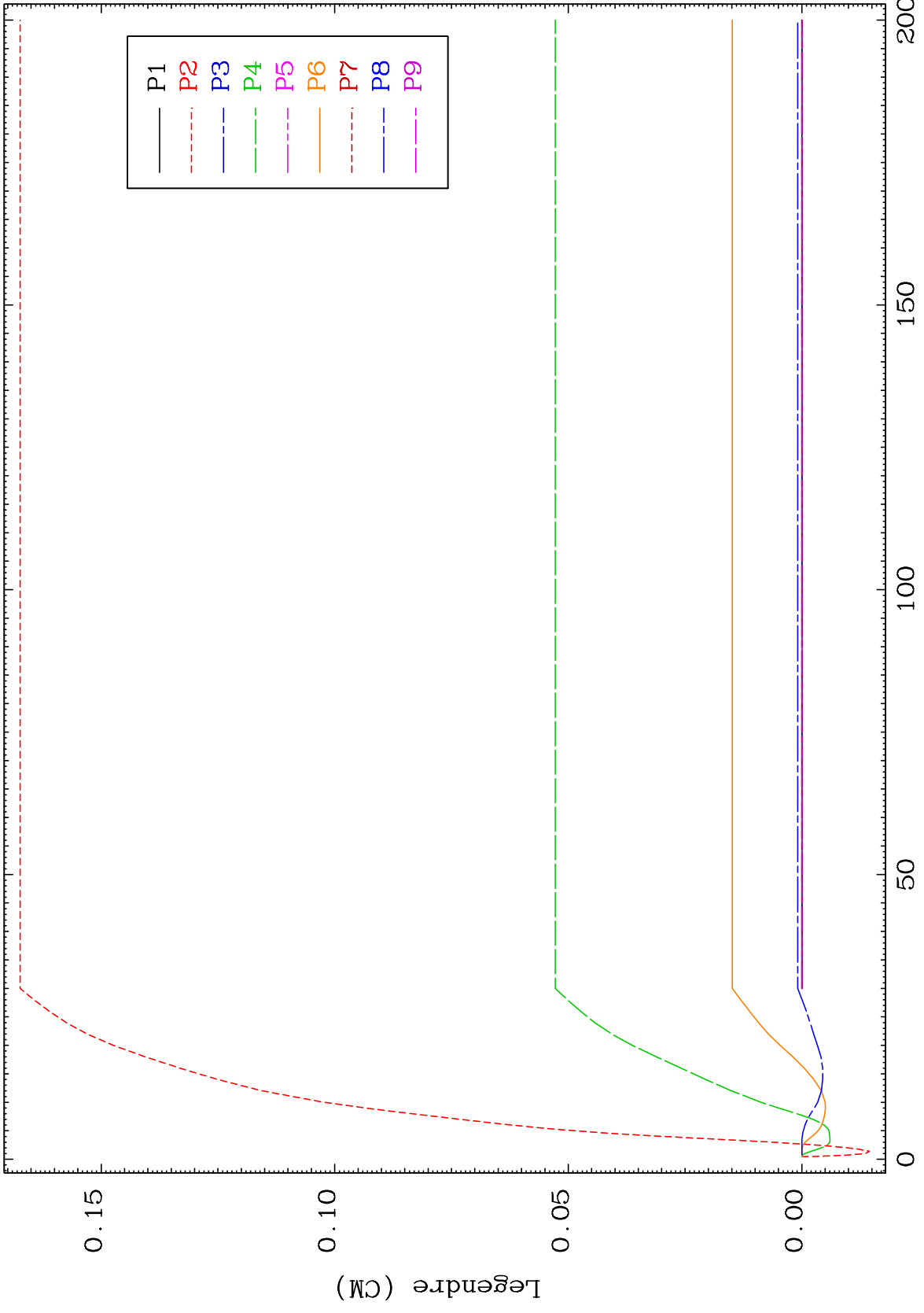


79

55-Cs-120

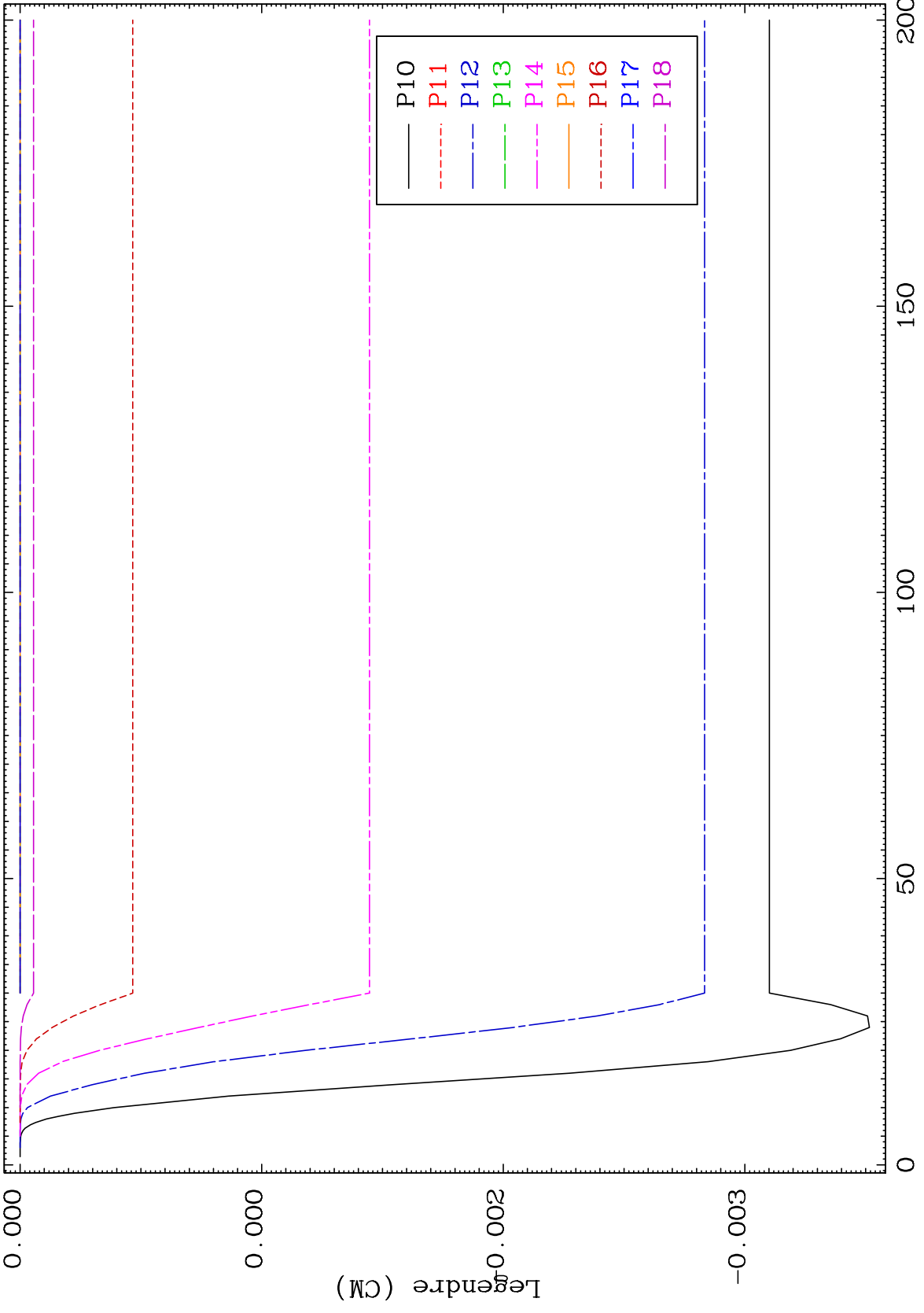


MAT 5486 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-120



80 Incident Energy (MeV) 55-Cs-120

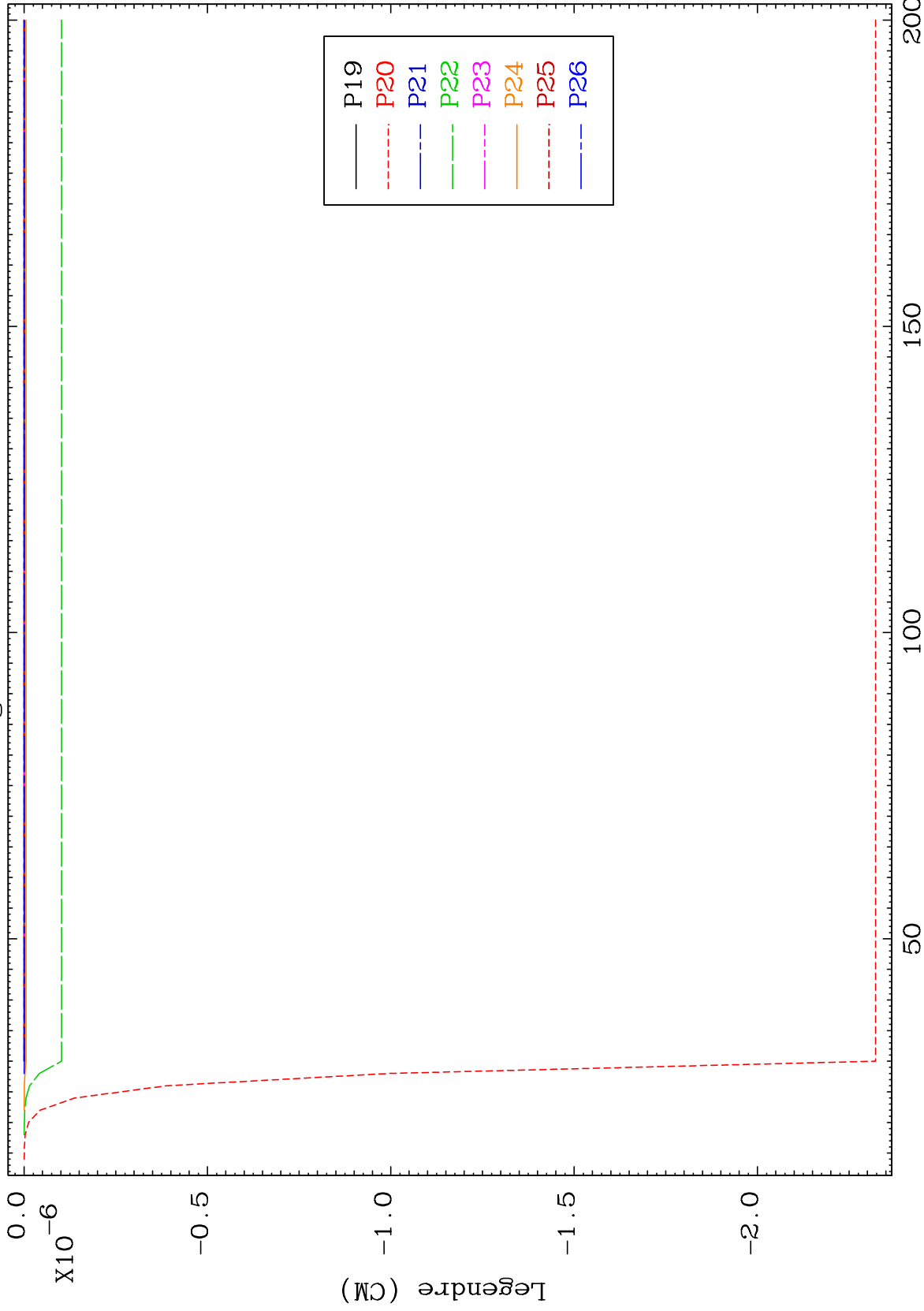
MAT 5486 MT= 68 (n,n') Level Legendre Coefficients 55-Cs-120



MAT 5486 MT= 68 (n,n') Level

Legendre Coefficients

55-Cs-120

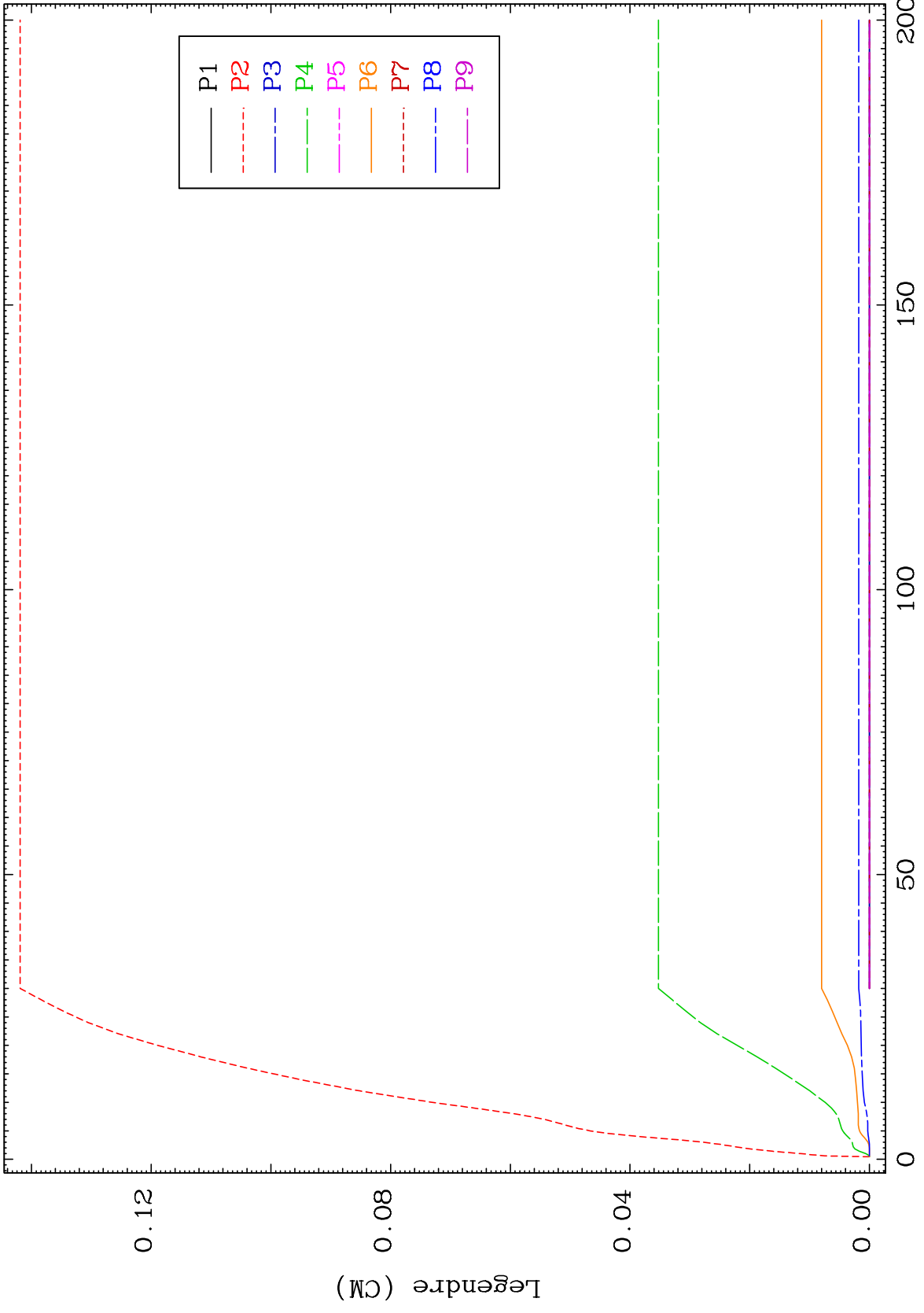


82

Incident Energy (MeV)

55-Cs-120

MAT 5486 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-120

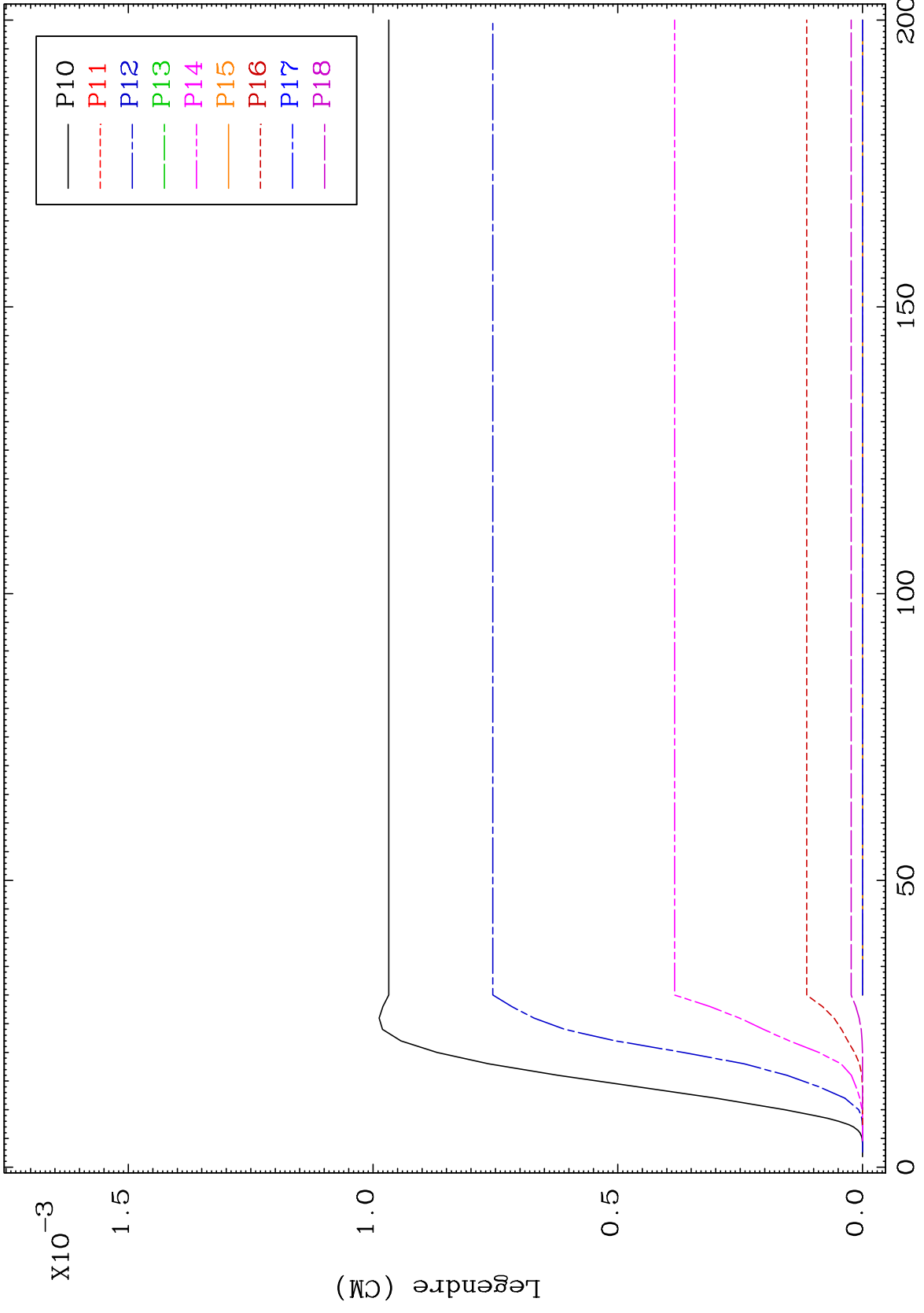


83 55-Cs-120

MAT 5486

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

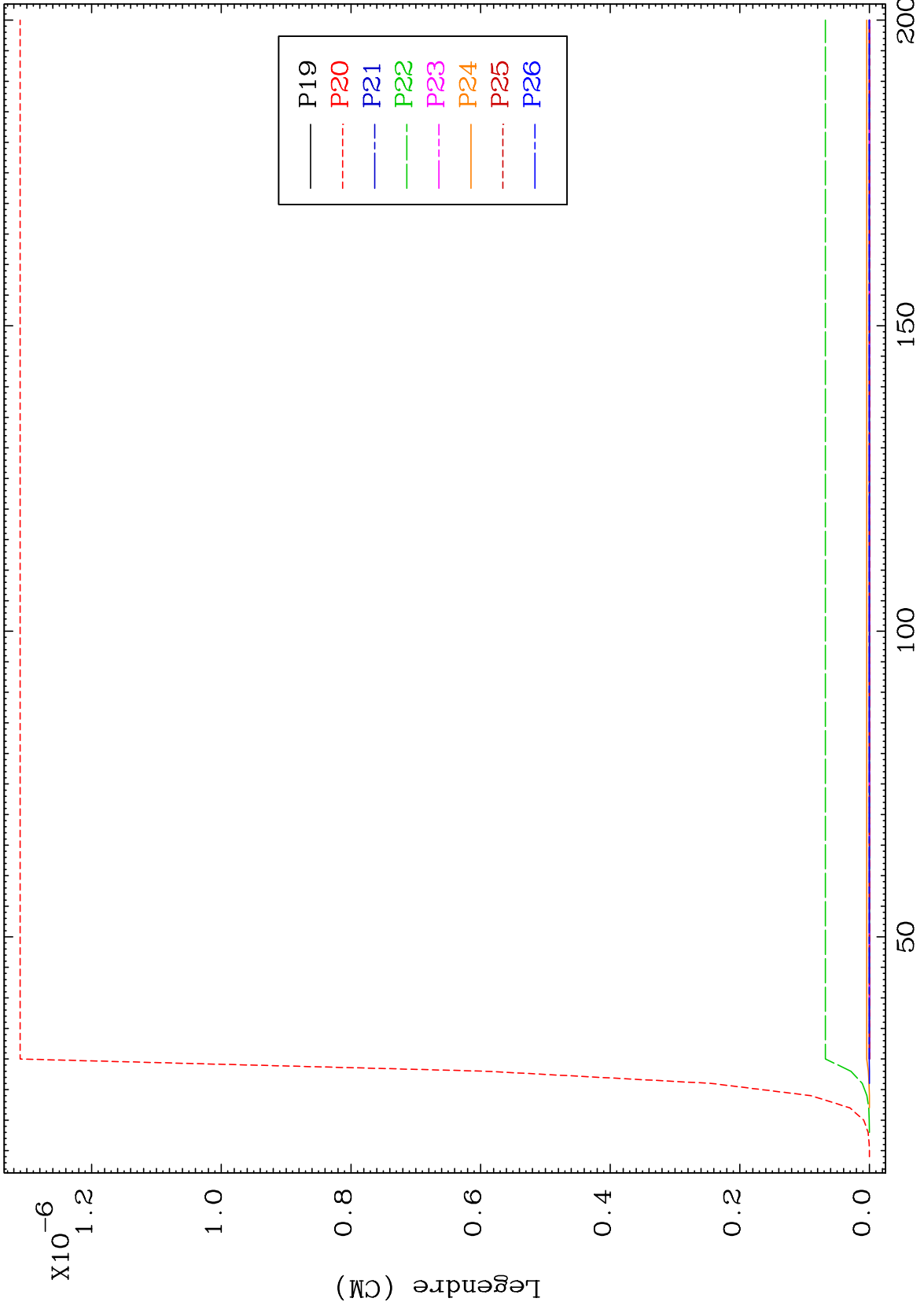
55-Cs-120



84

55-Cs-120

MAT 5486 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-120

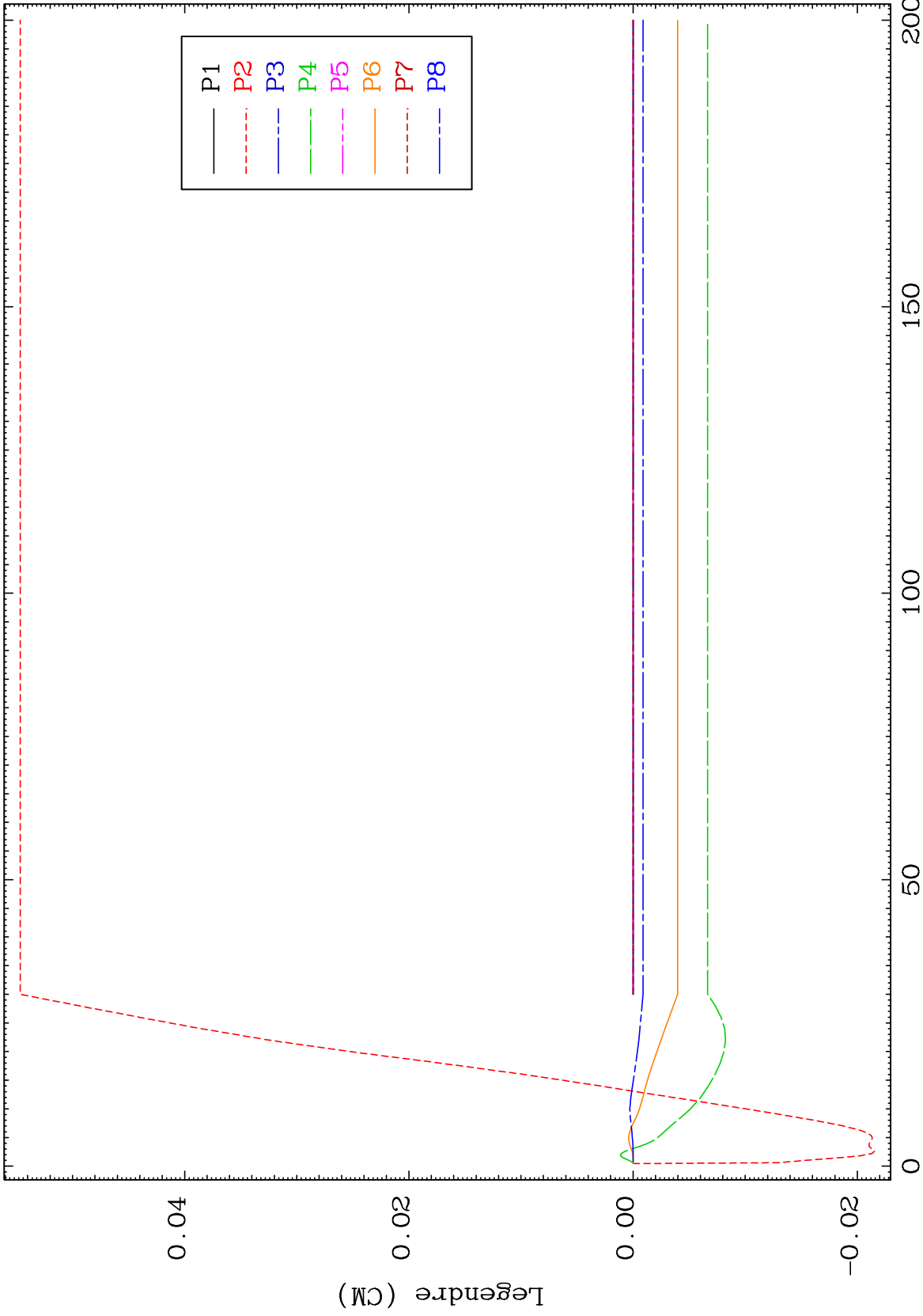


85 Incident Energy (MeV) 55-Cs-120

MAT 5486

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

55-Cs-120



86

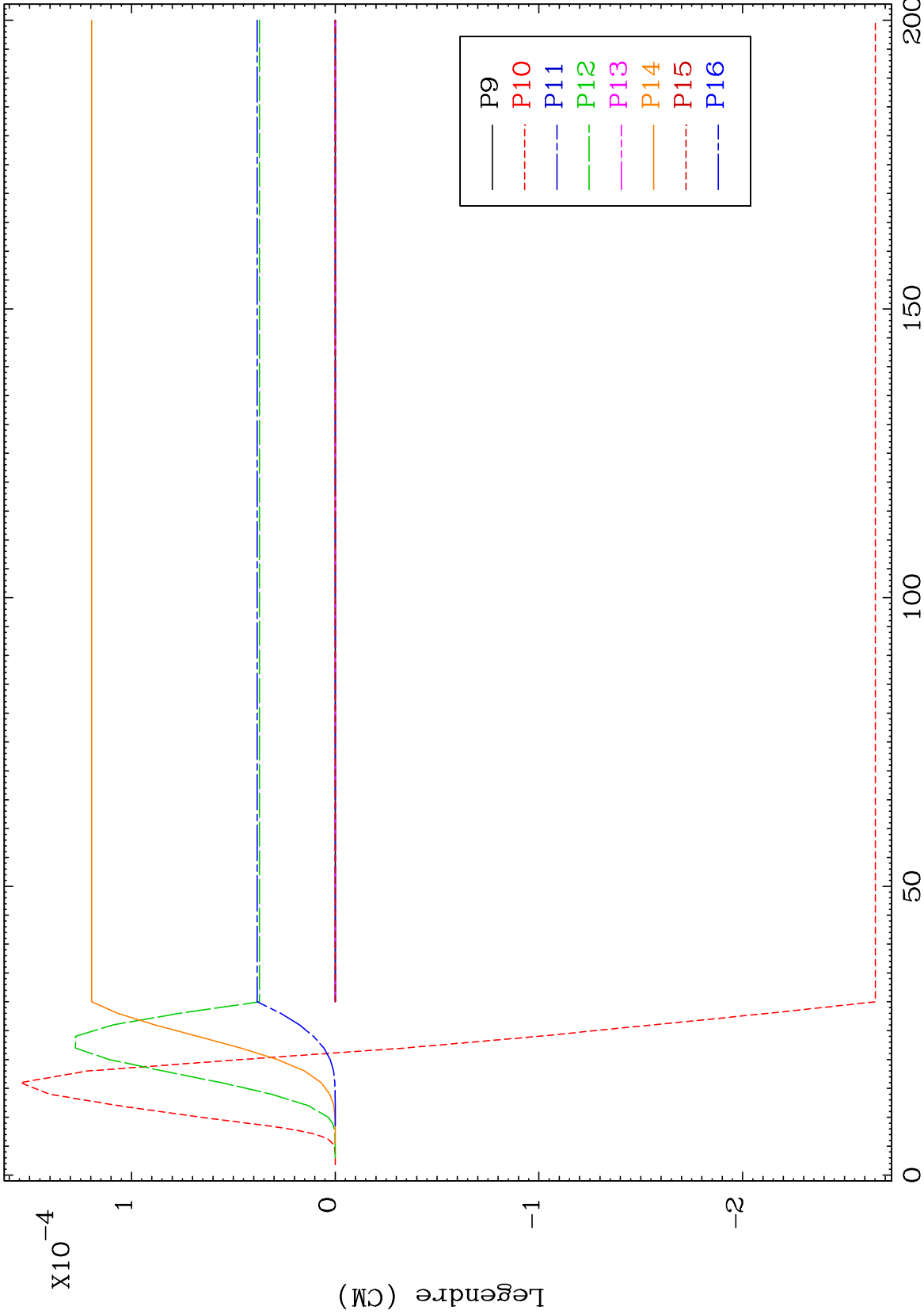
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



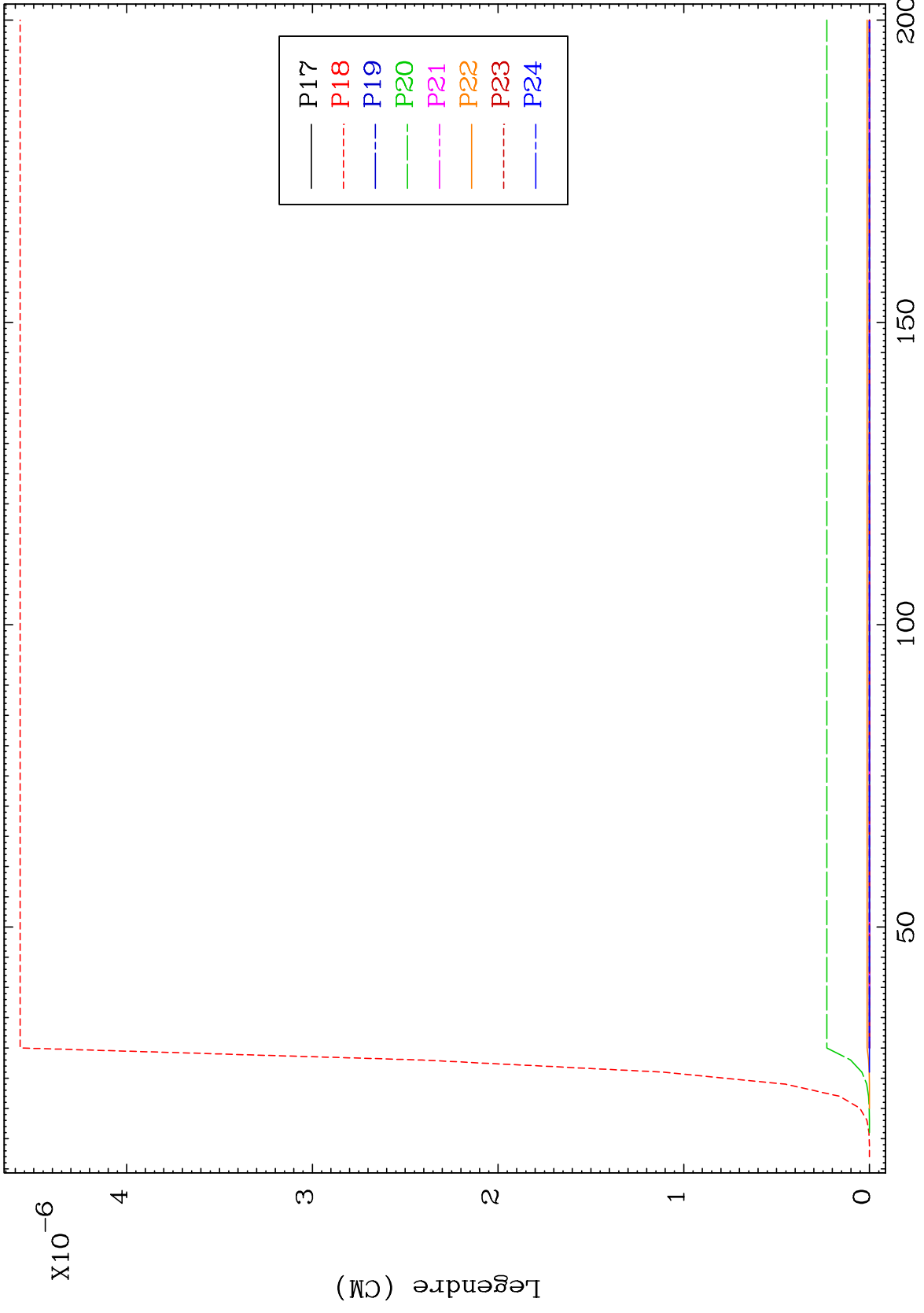
87

Incident Energy (MeV)

55-Cs-120



MAT 5486 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-120

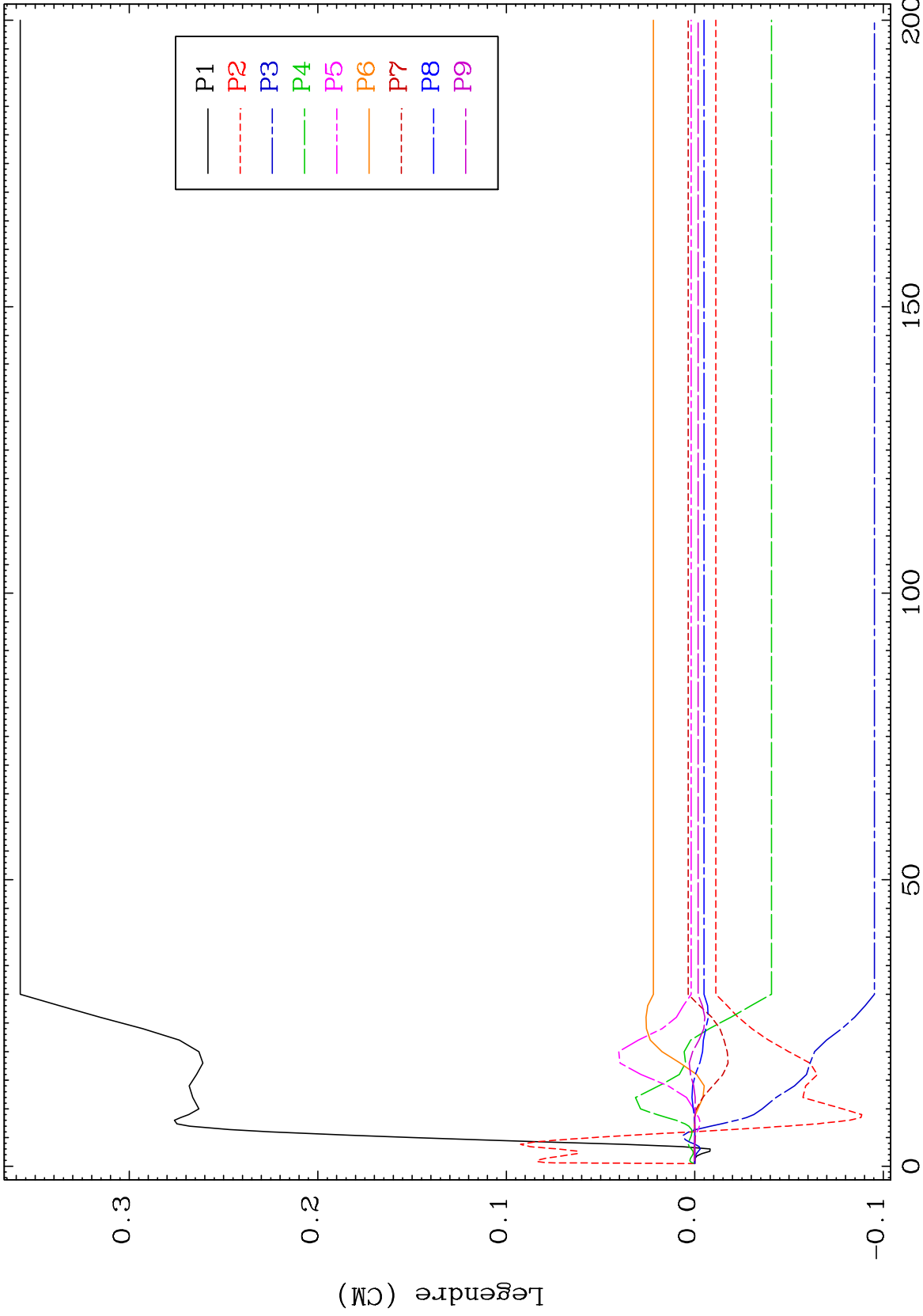


88 55-Cs-120

MAT 5486

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

55-Cs-120



89

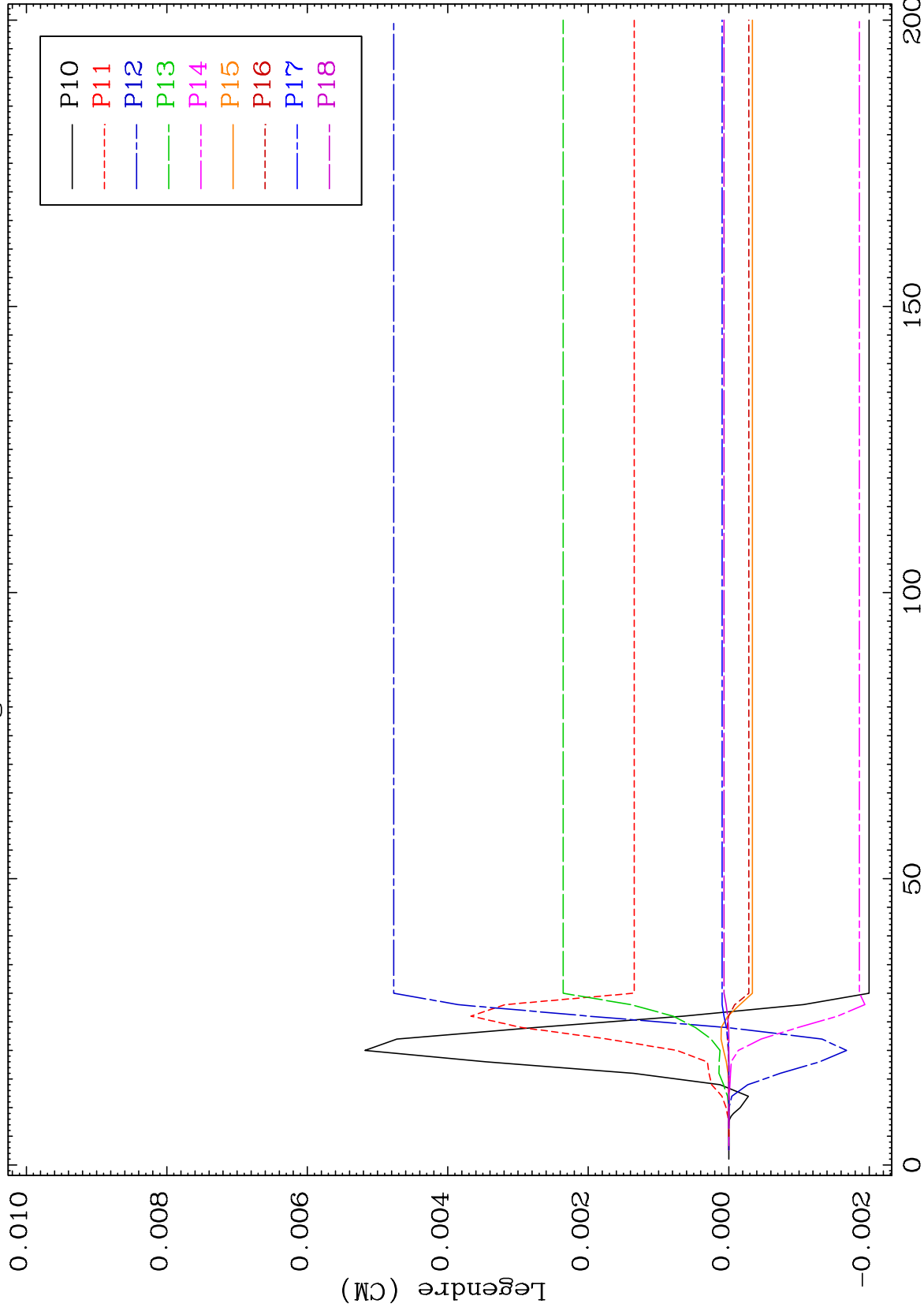
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



90

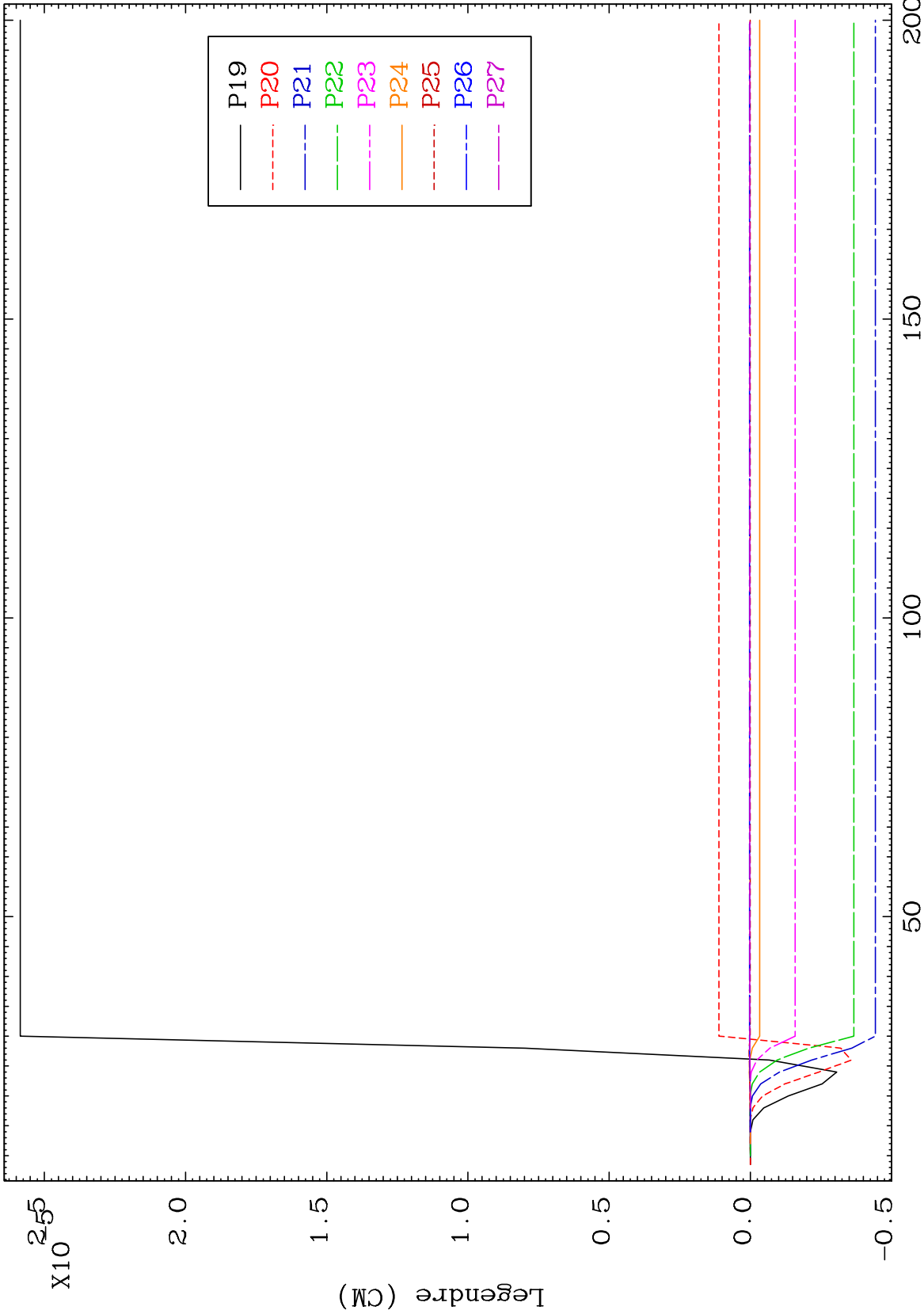
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120

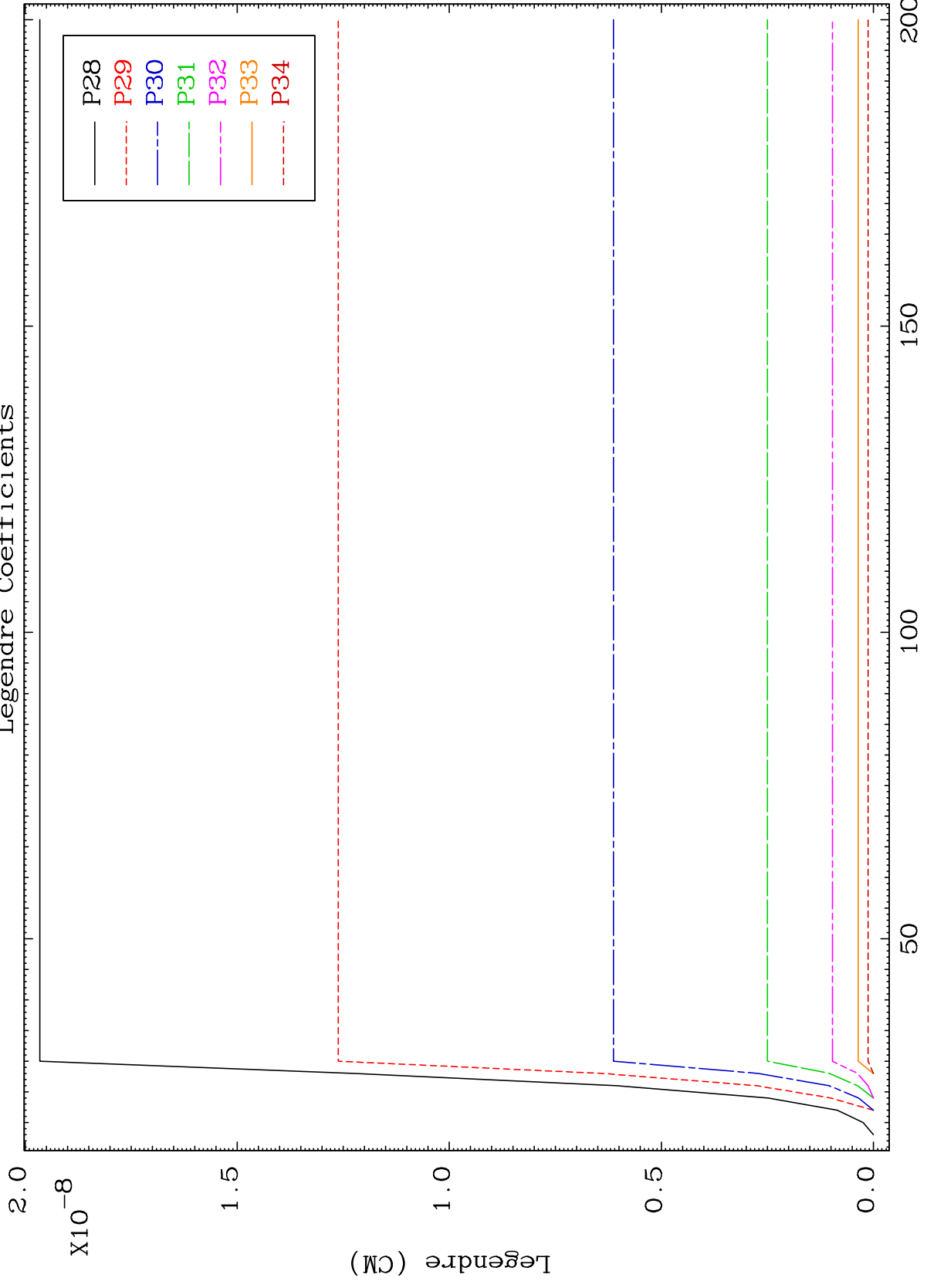


91

Incident Energy (MeV)

55-Cs-120

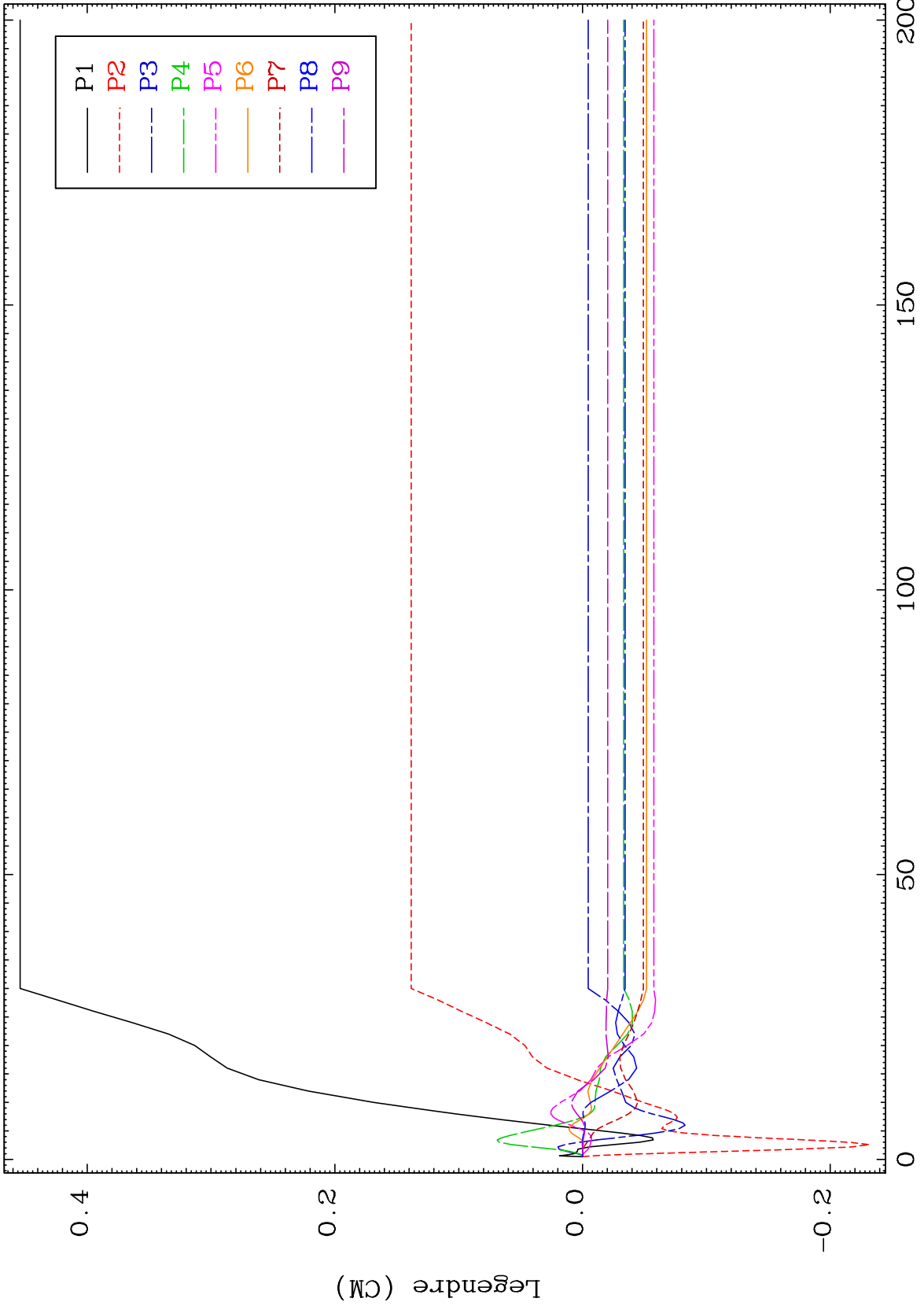
MAT 5486 MT= 71 (n,n') Level Legendre Coefficients 55-Cs-120



MAT 5486

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

55-Cs-120



93

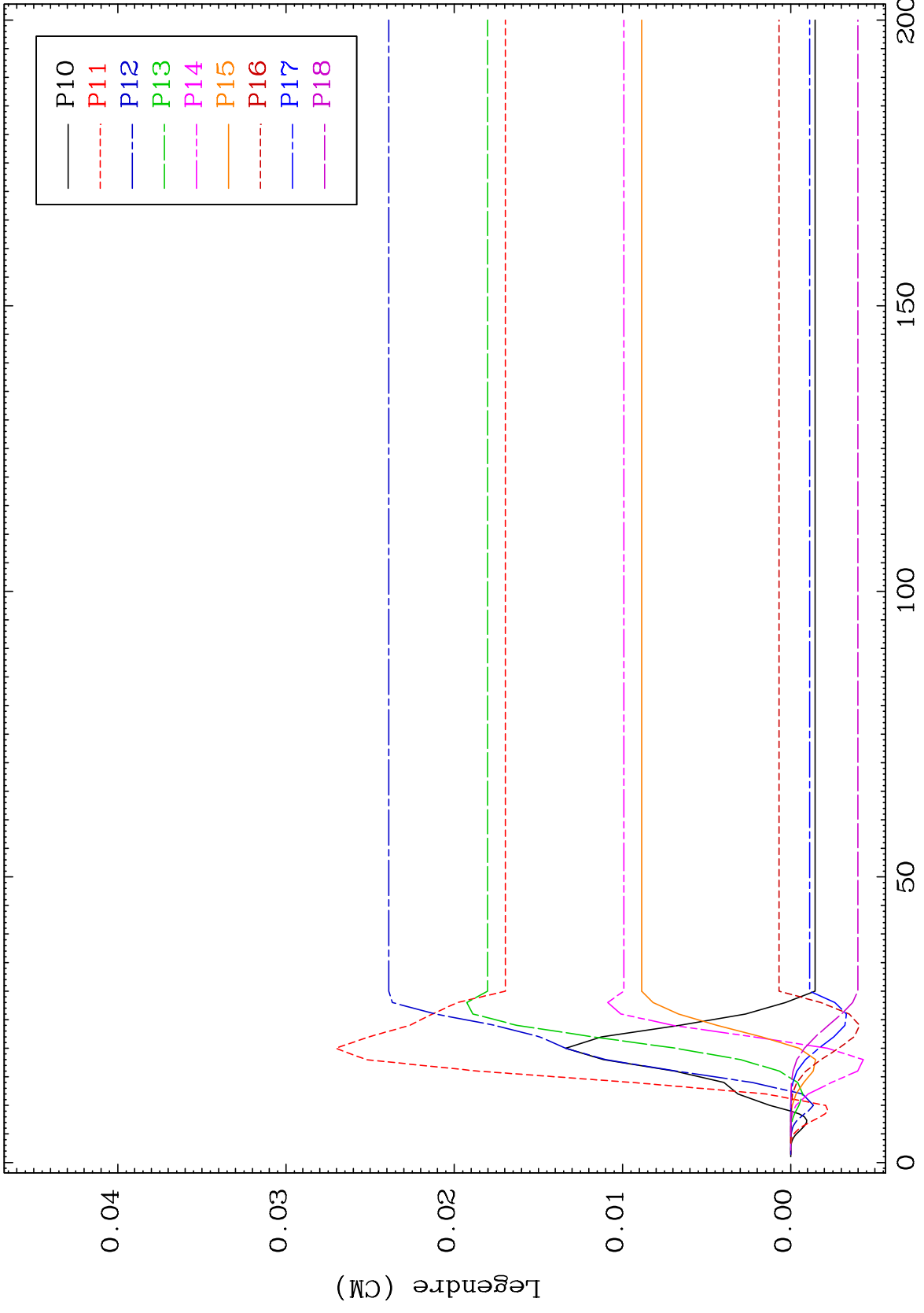
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



94

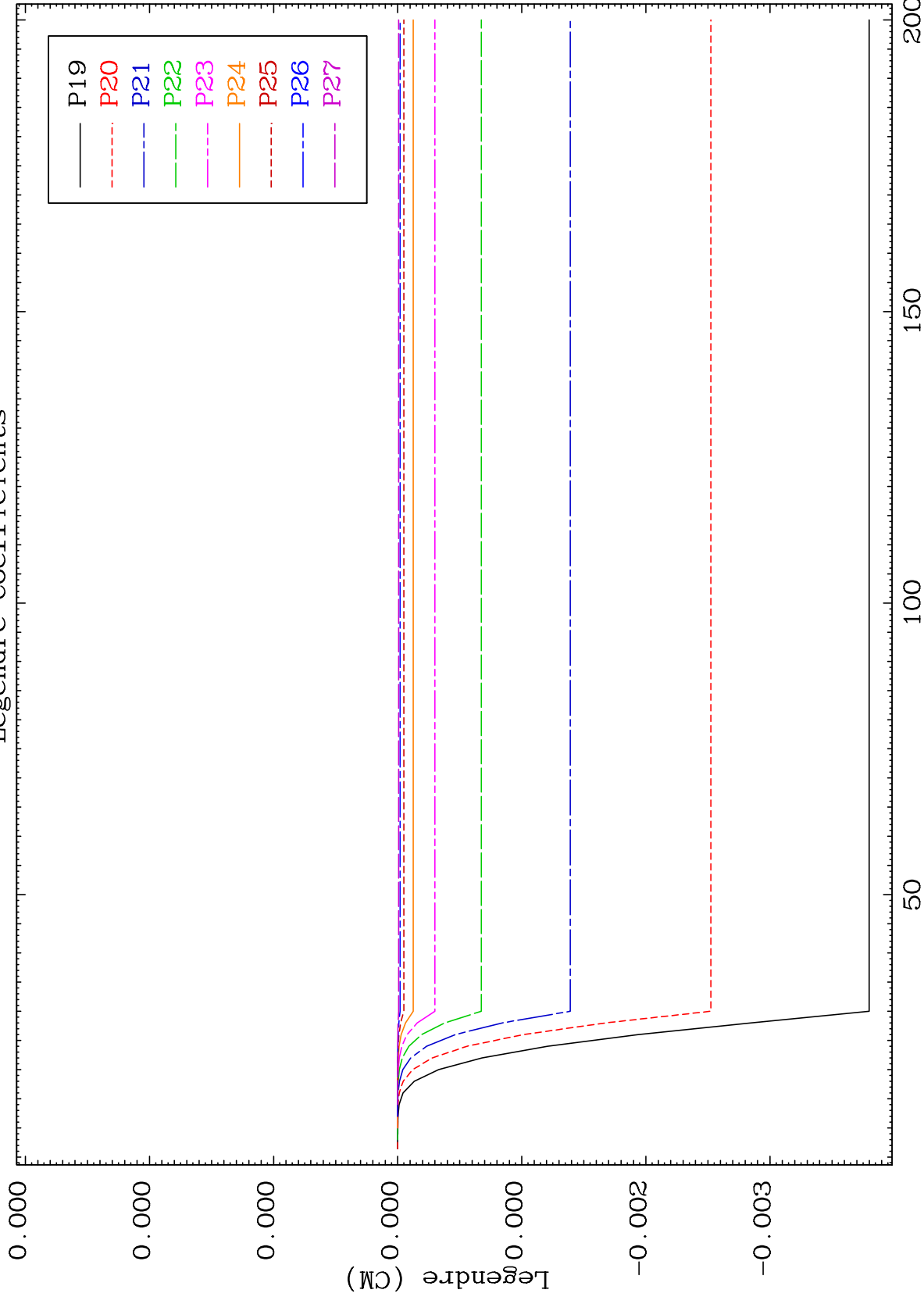
Incident Energy (MeV)

55-Cs-120

MAT 5486

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

55-Cs-120



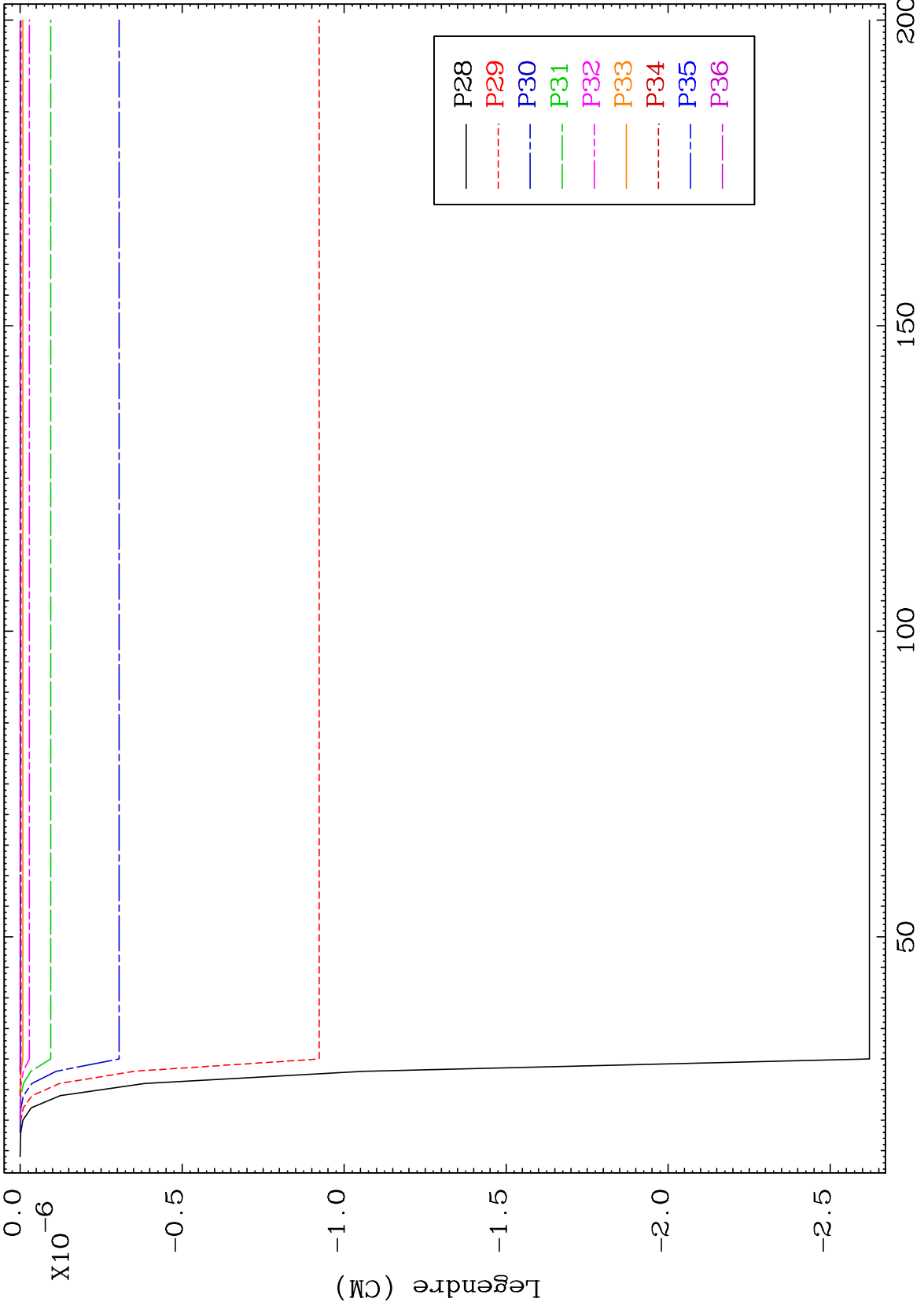
95

Incident Energy (MeV)

55-Cs-120



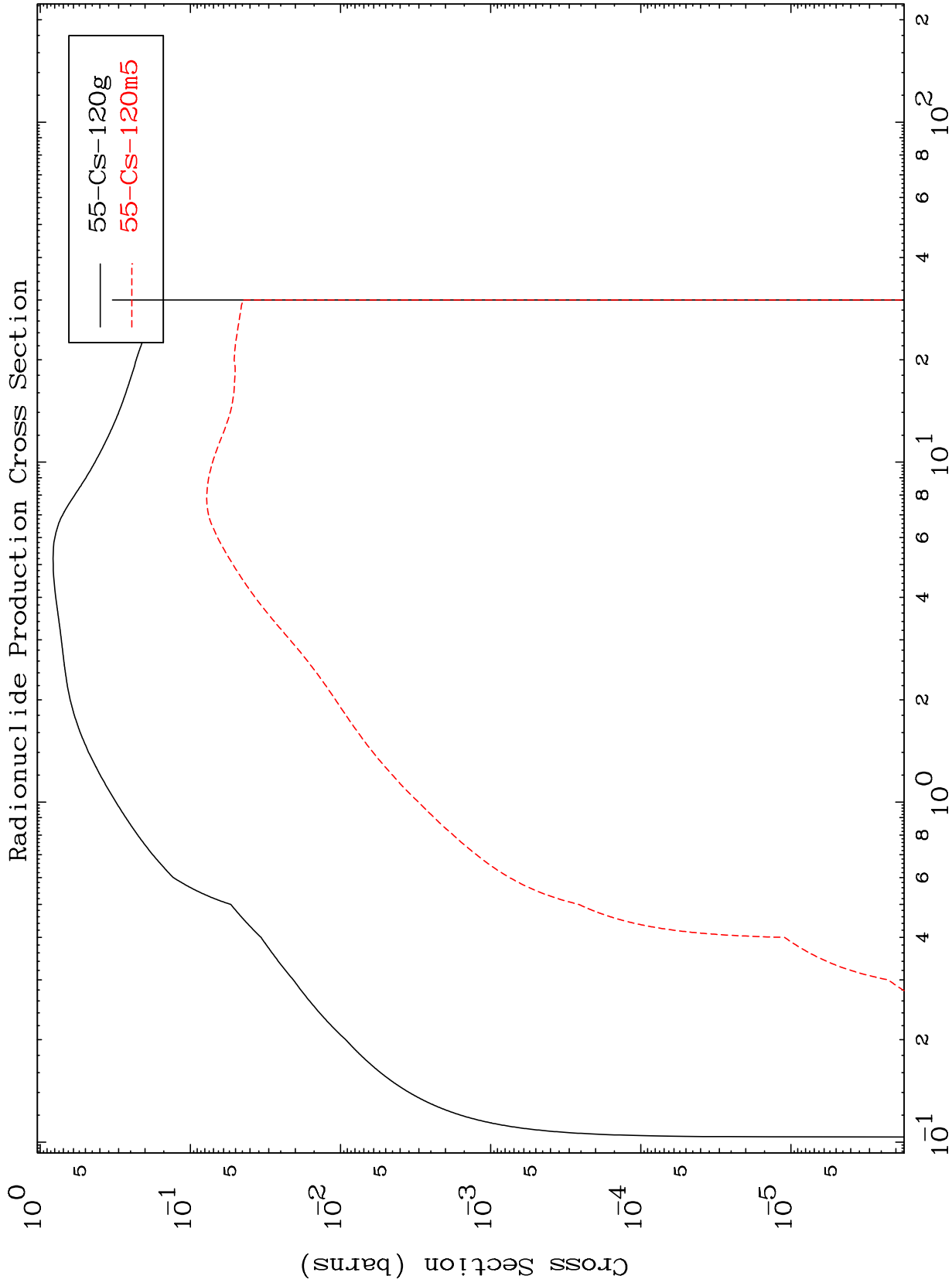
MAT 5486 MT= 72 (n,n') Level Legendre Coefficients 55-Cs-120



MAT 5486

55-Cs-120

Inelastic  
Radionuclide Production Cross Section



97

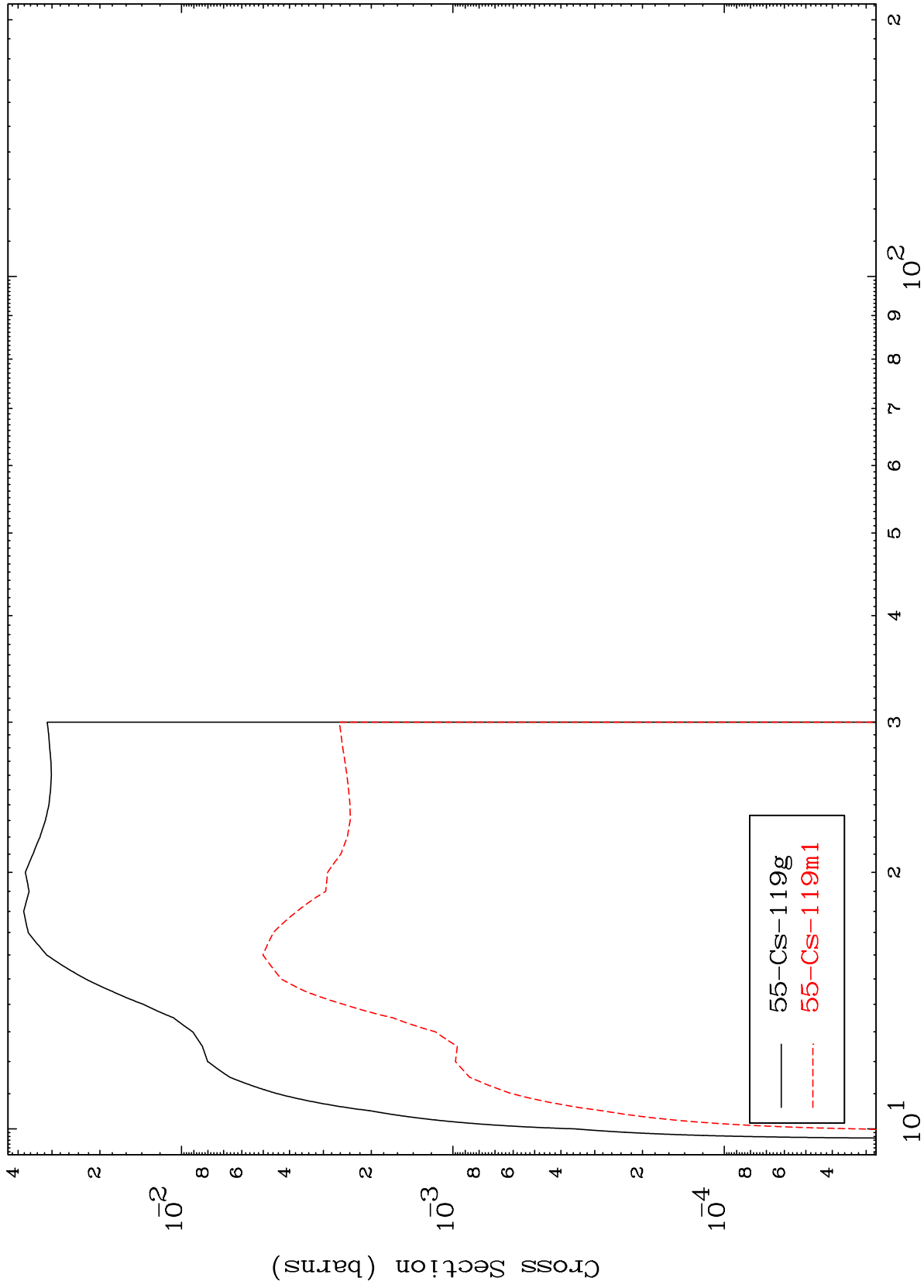
Incident Energy (MeV)

55-Cs-120

MAT 5486

55-Cs-120

(n,2n)  
Radionuclide Production Cross Section



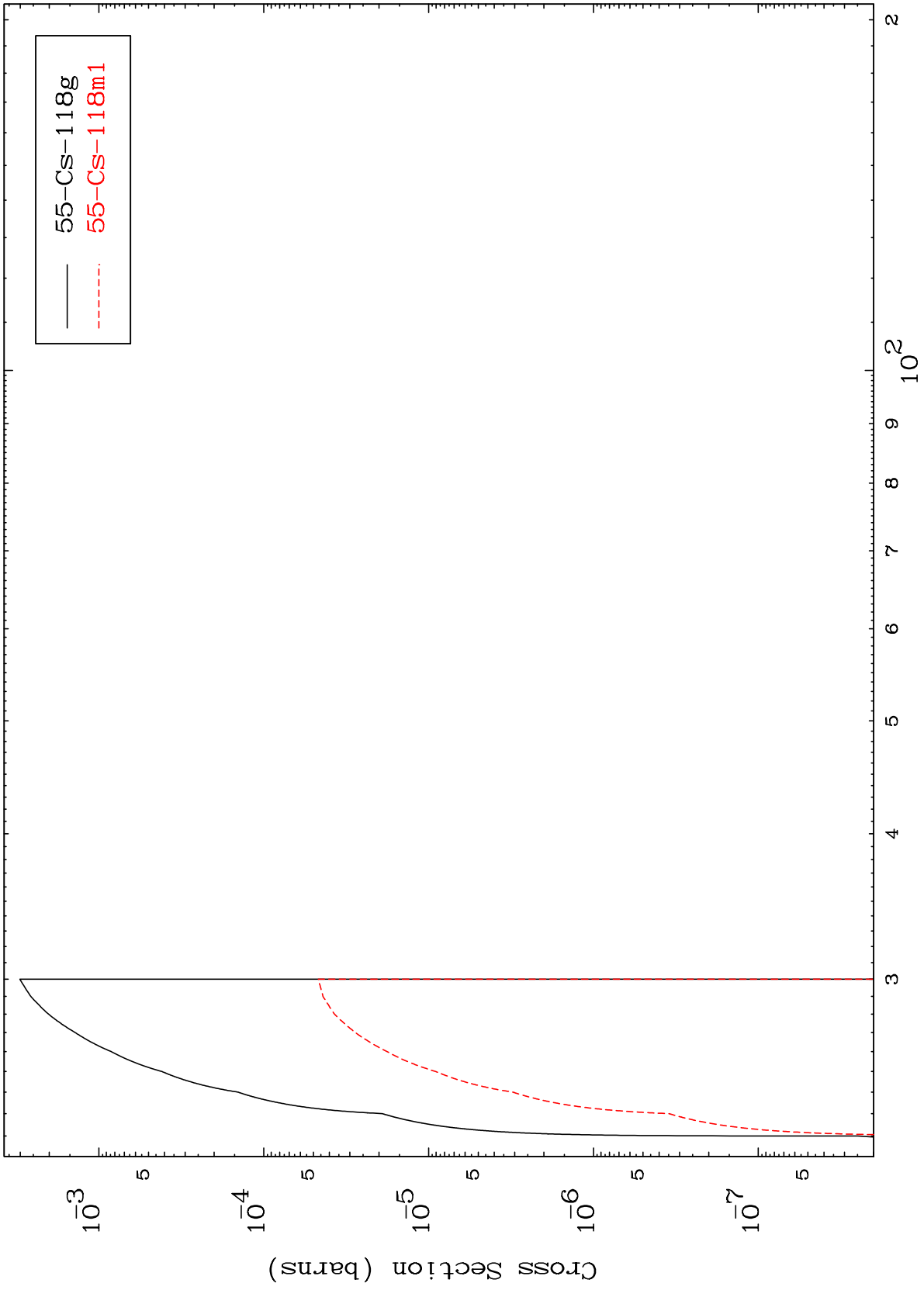
98

55-Cs-120

MAT 5486

Radionuclide Production Cross Section  
(n,3n)

55-Cs-120



55-Cs-118g  
55-Cs-118m1

99

Incident Energy (MeV)

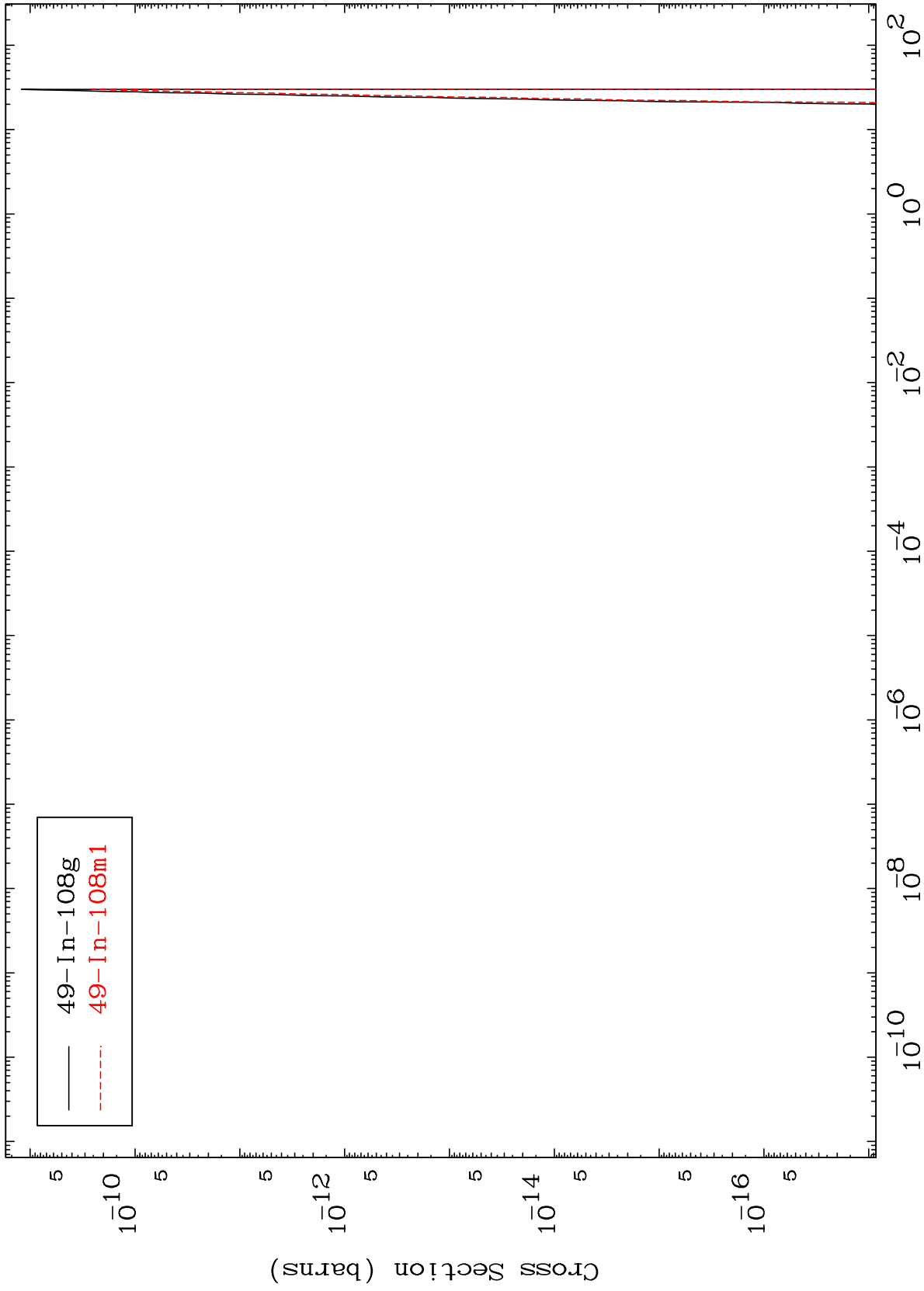
55-Cs-120

MAT 5486

(n,n') 3 $\alpha$

55-Cs-120

Radionuclide Production Cross Section



49-In-108g  
49-In-108m1

100

Incident Energy (MeV)

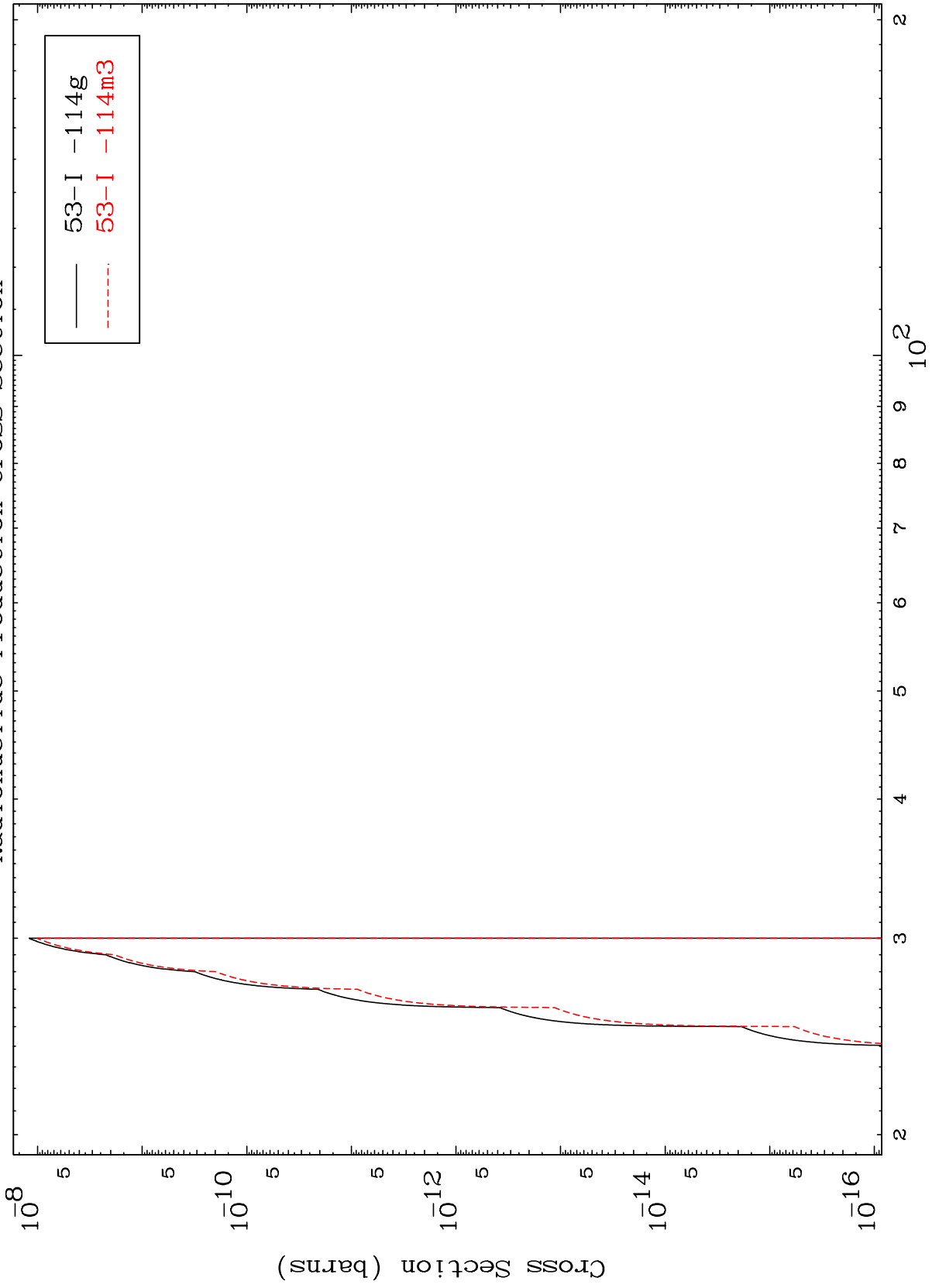
55-Cs-120

MAT 5486

(n,3n)  $\alpha$

55-Cs-120

Radionuclide Production Cross Section



101

Incident Energy (MeV)

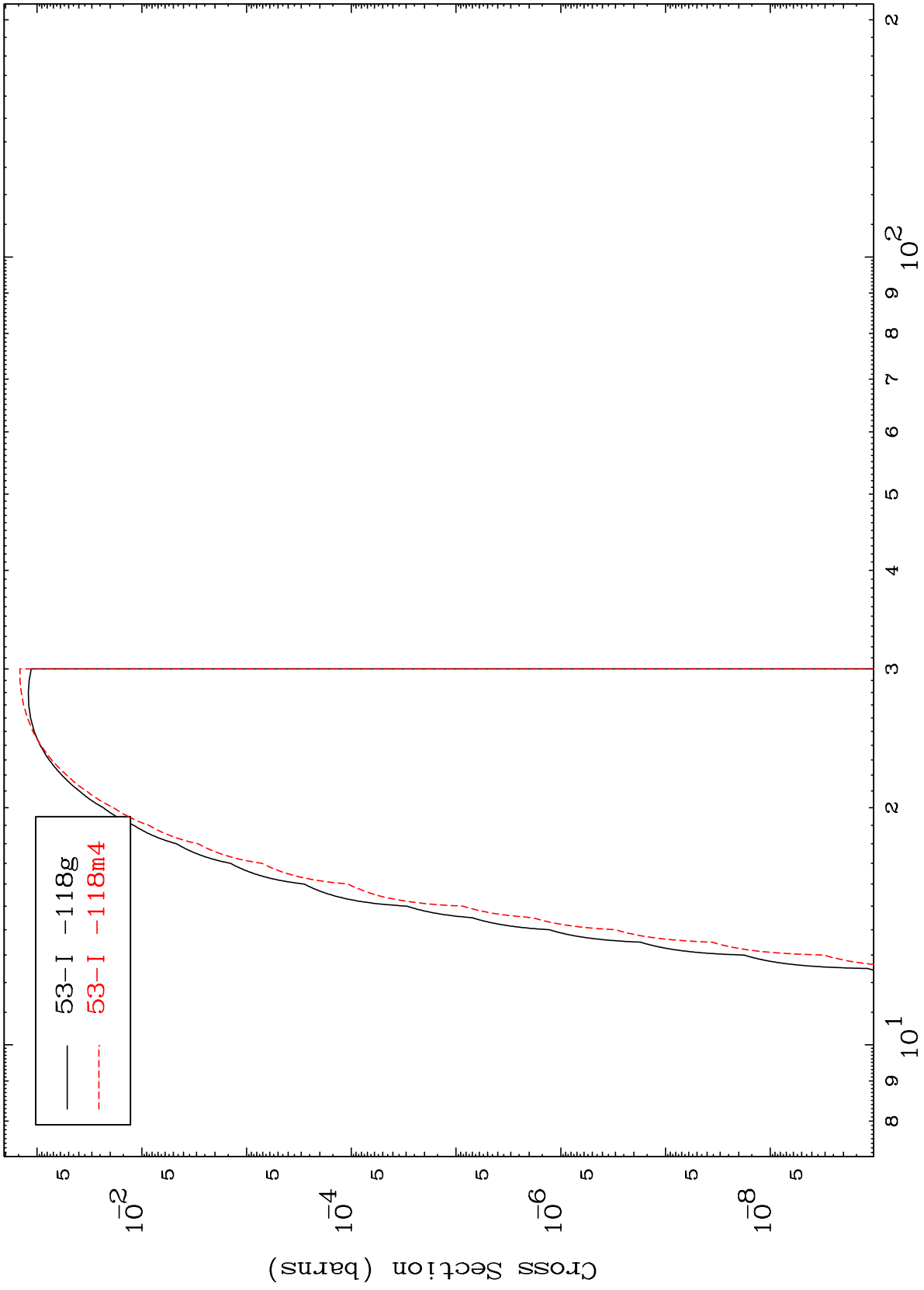
55-Cs-120

MAT 5486

(n,2n) p

55-Cs-120

Radionuclide Production Cross Section



102

Incident Energy (MeV)

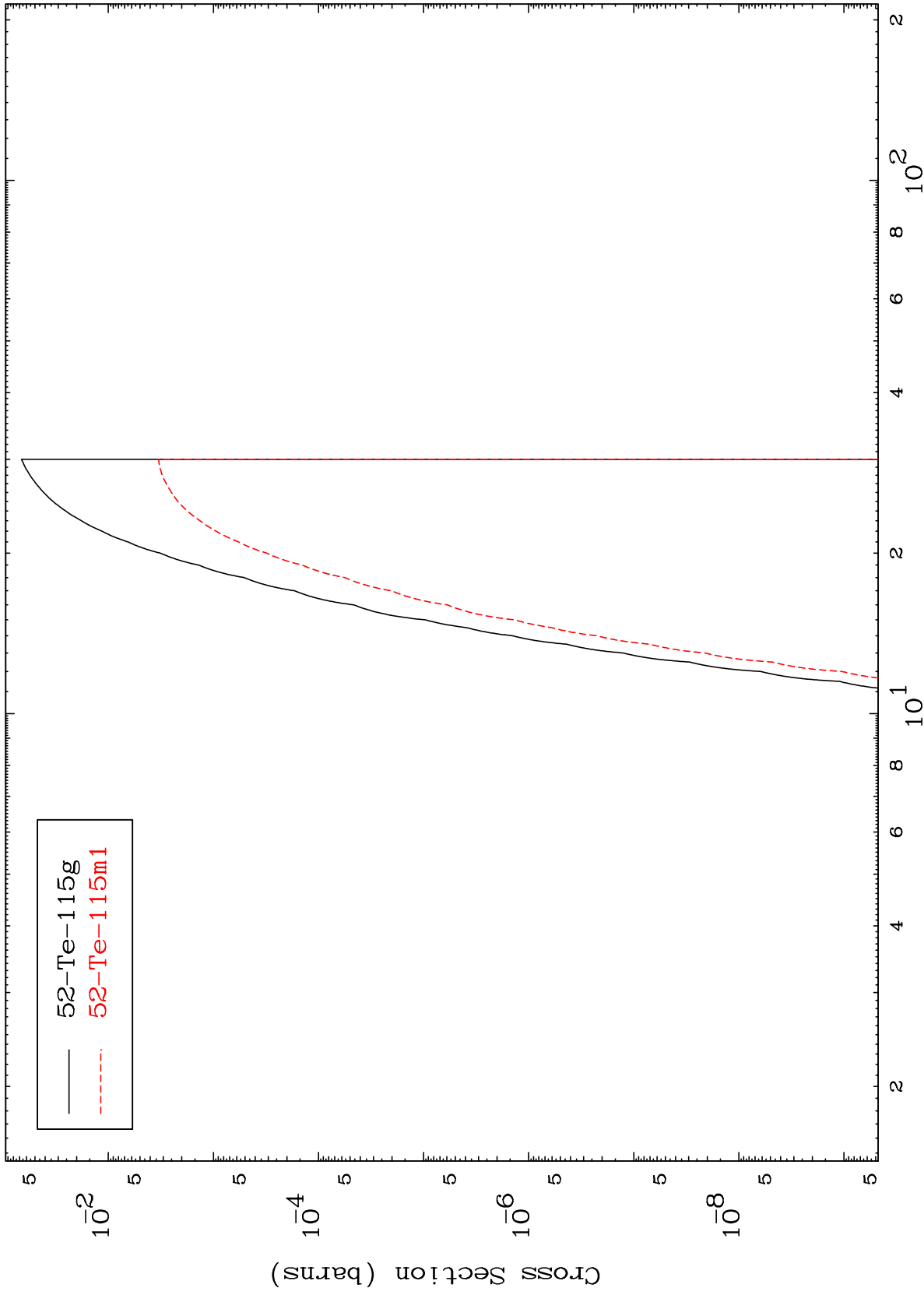
55-Cs-120

MAT 5486

(n,n') p  $\alpha$

55-Cs-120

Radionuclide Production Cross Section



52-Te-115g  
52-Te-115m1

103

Incident Energy (MeV)

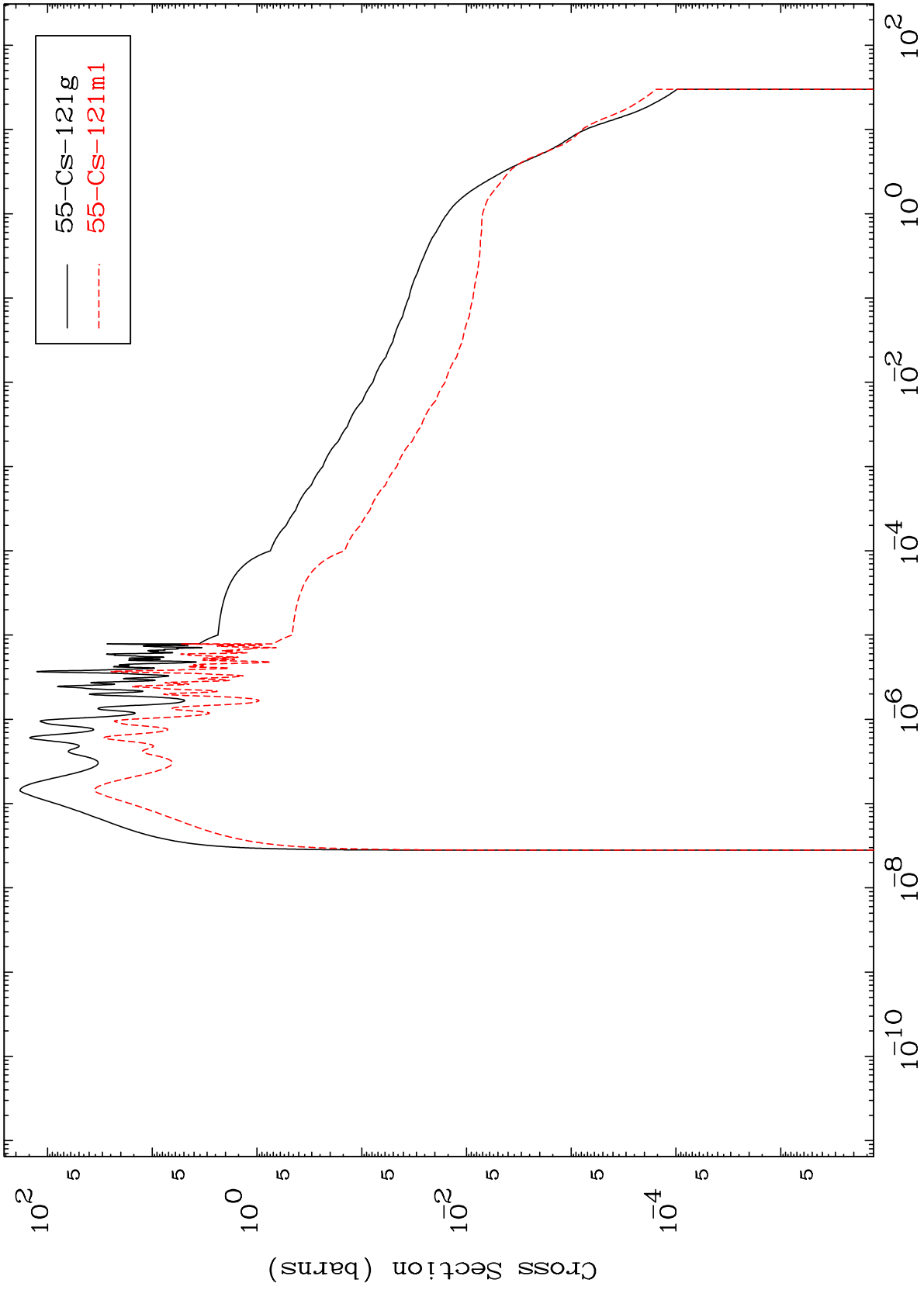
55-Cs-120



MAT 5486

55-Cs-120

(n,γ)  
Radionuclide Production Cross Section



104

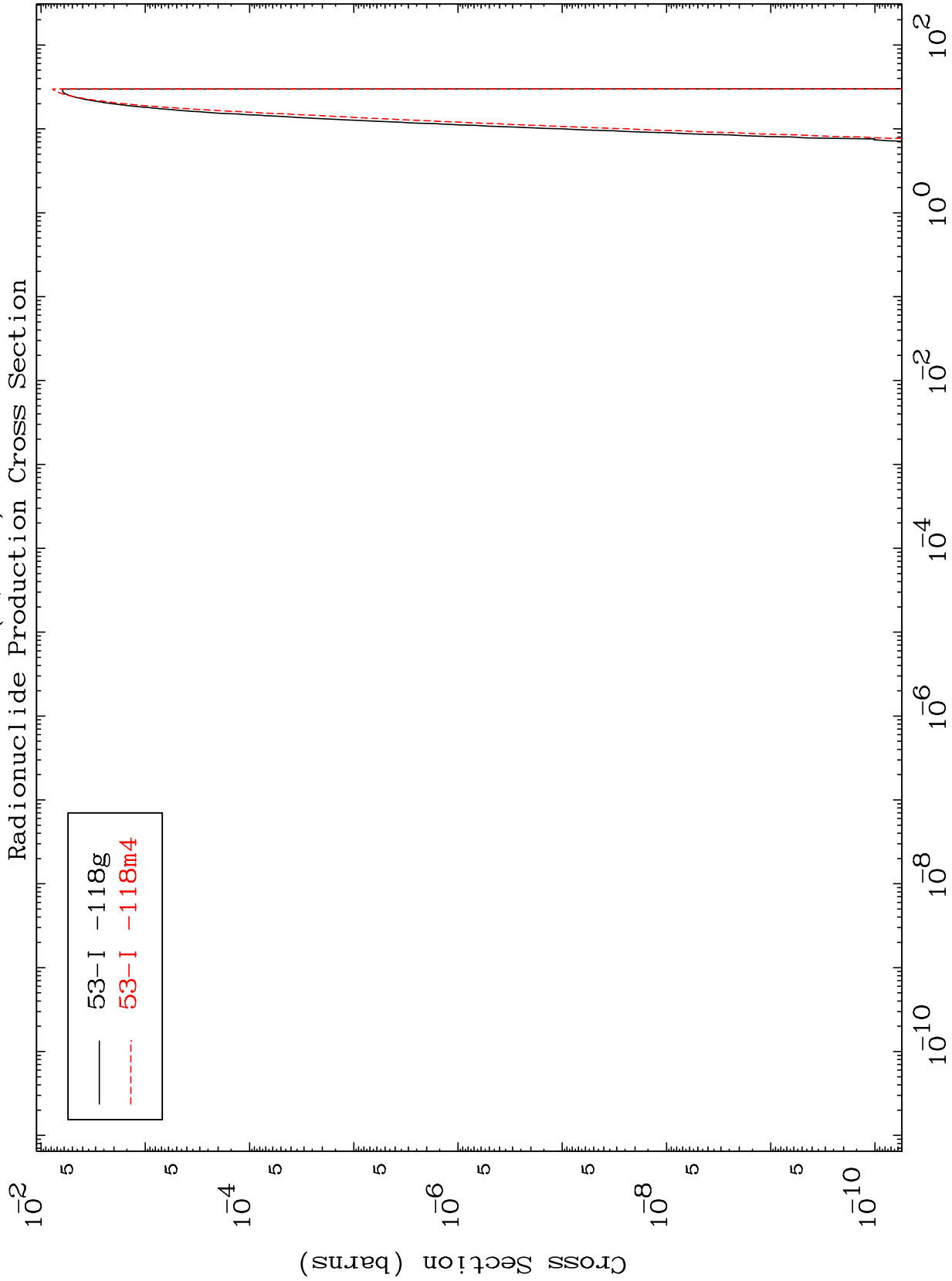
55-Cs-120

MAT 5486

(n, He-3)

55-Cs-120

Radionuclide Production Cross Section



53-I -118g  
53-I -118m4

105

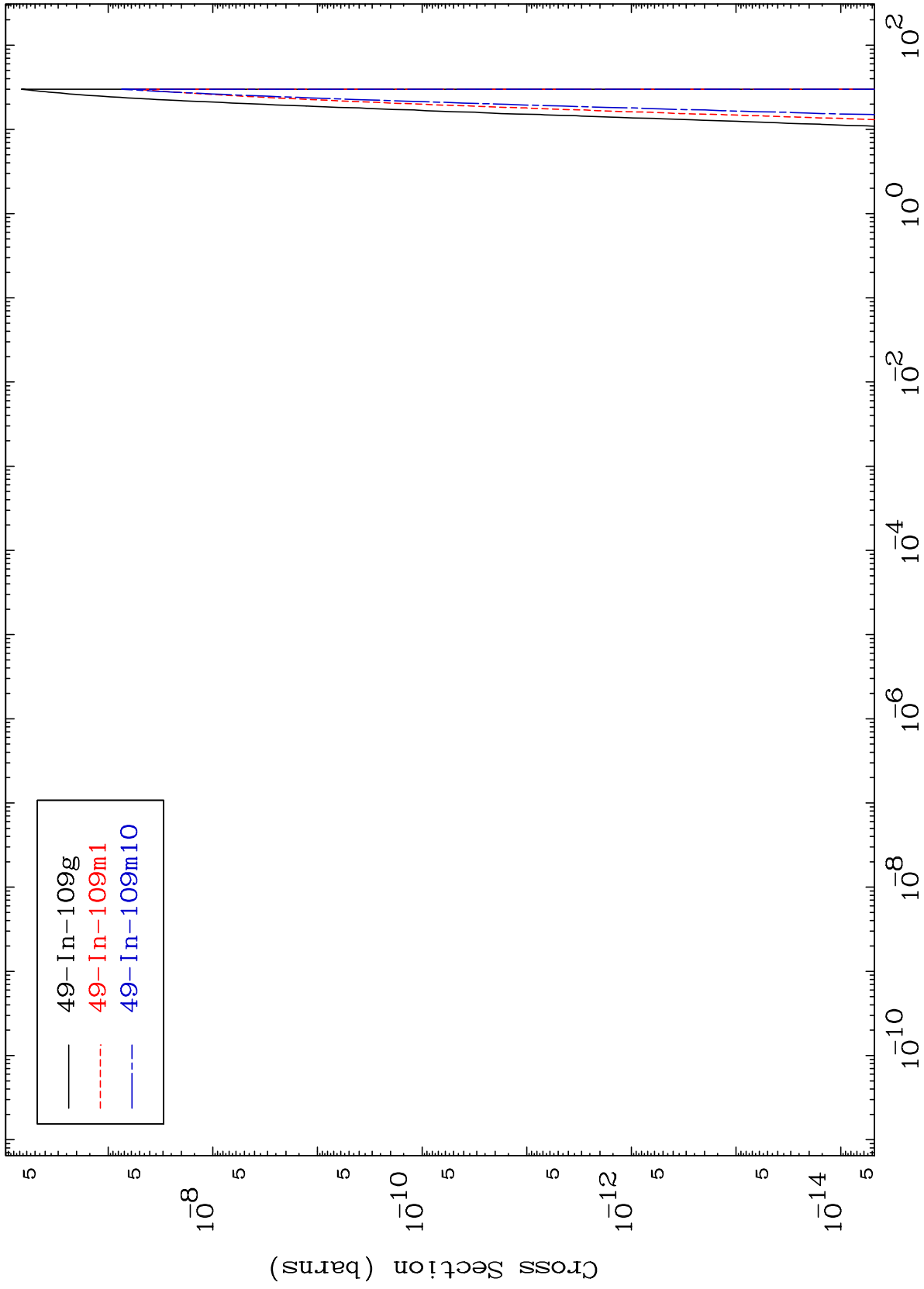
55-Cs-120

MAT 5486

(n,3α)

55-Cs-120

Radionuclide Production Cross Section



106

Incident Energy (MeV)

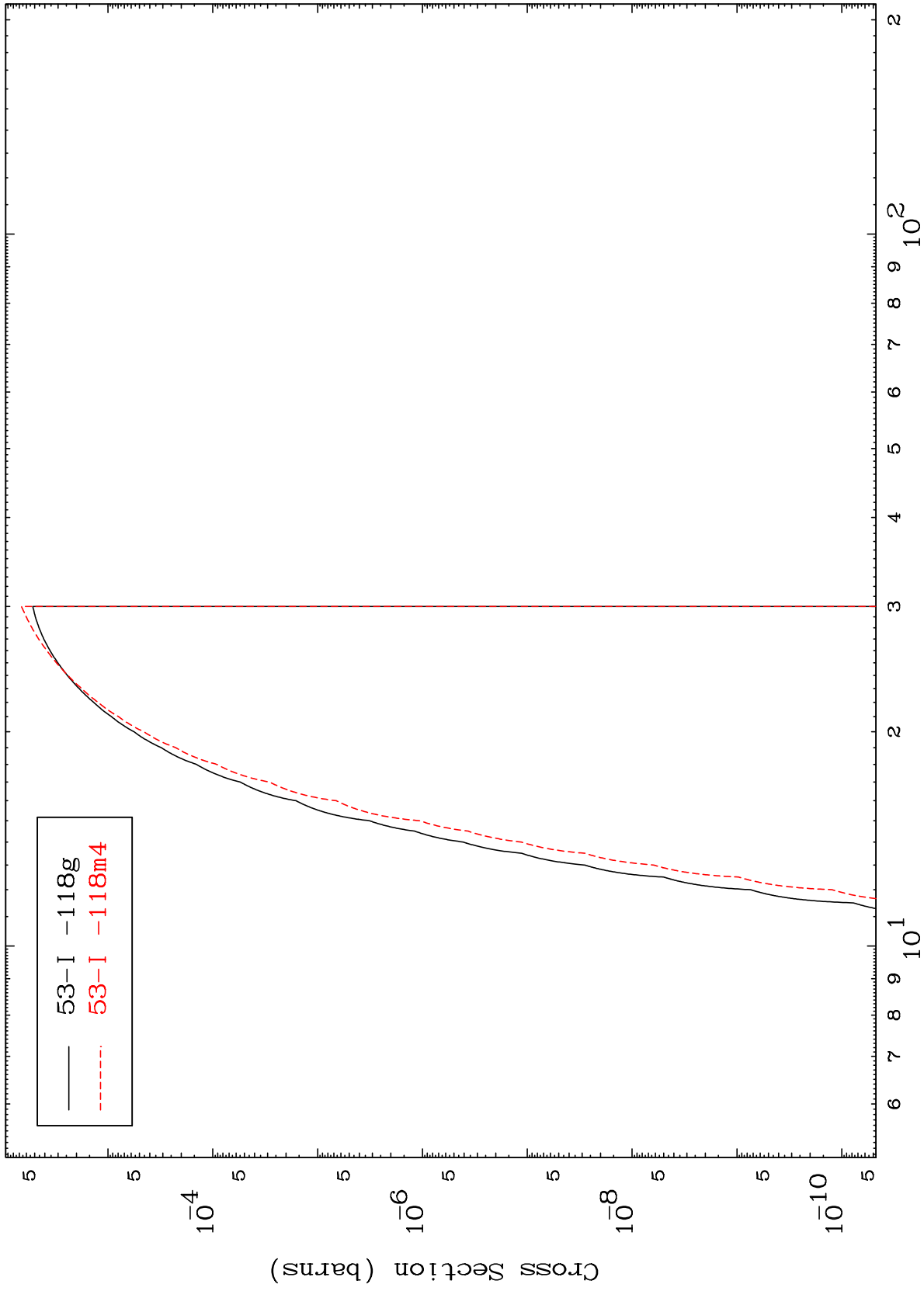
55-Cs-120

MAT 5486

(n,p) d

55-Cs-120

Radionuclide Production Cross Section



107

Incident Energy (MeV)

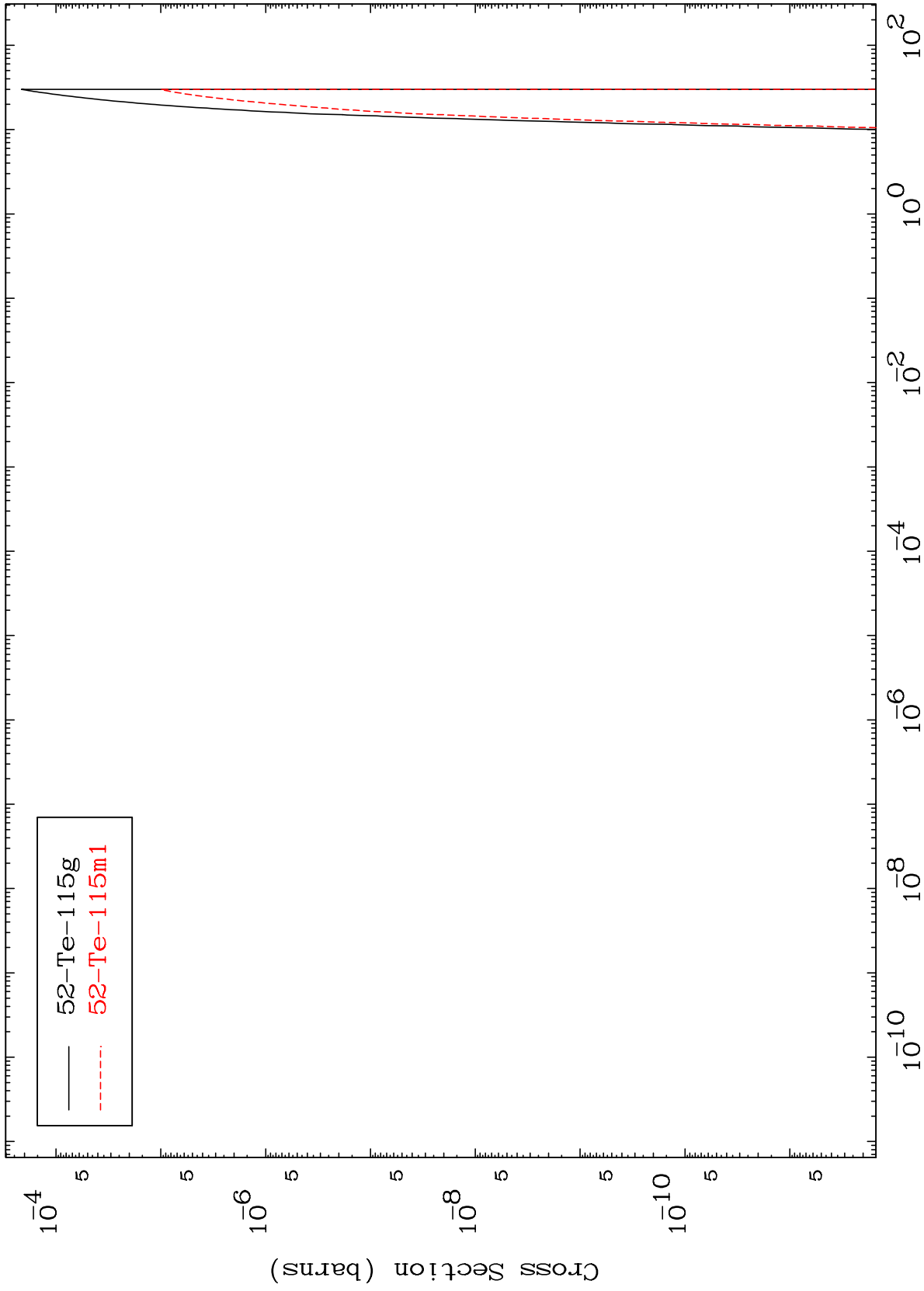
55-Cs-120

MAT 5486

(n,d)  $\alpha$

55-Cs-120

Radionuclide Production Cross Section



108

Incident Energy (MeV)

55-Cs-120