

Program EVALPLOT
(Version 2018-1)

by

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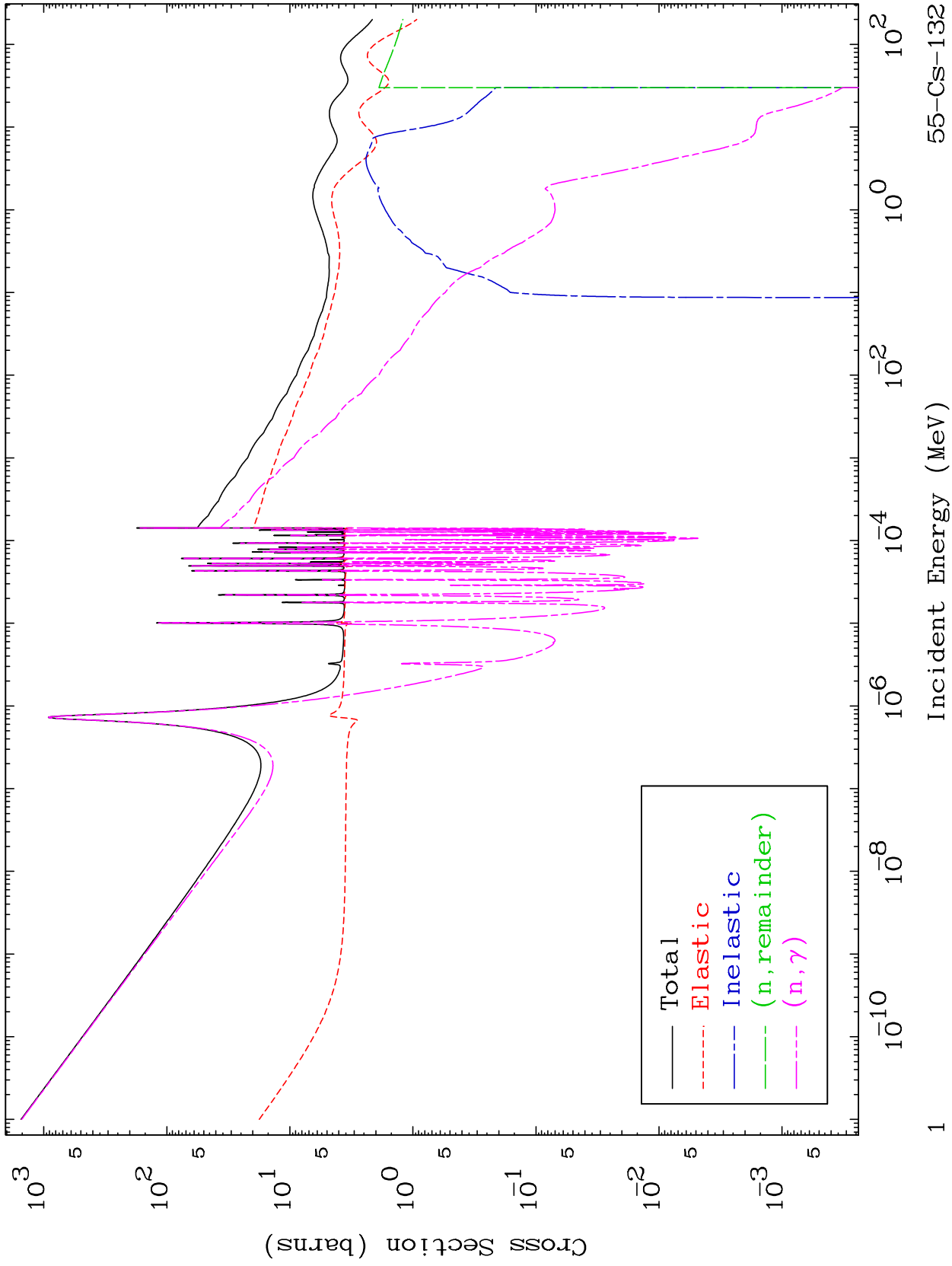
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5522

Major
293 Kelvin Cross Sections

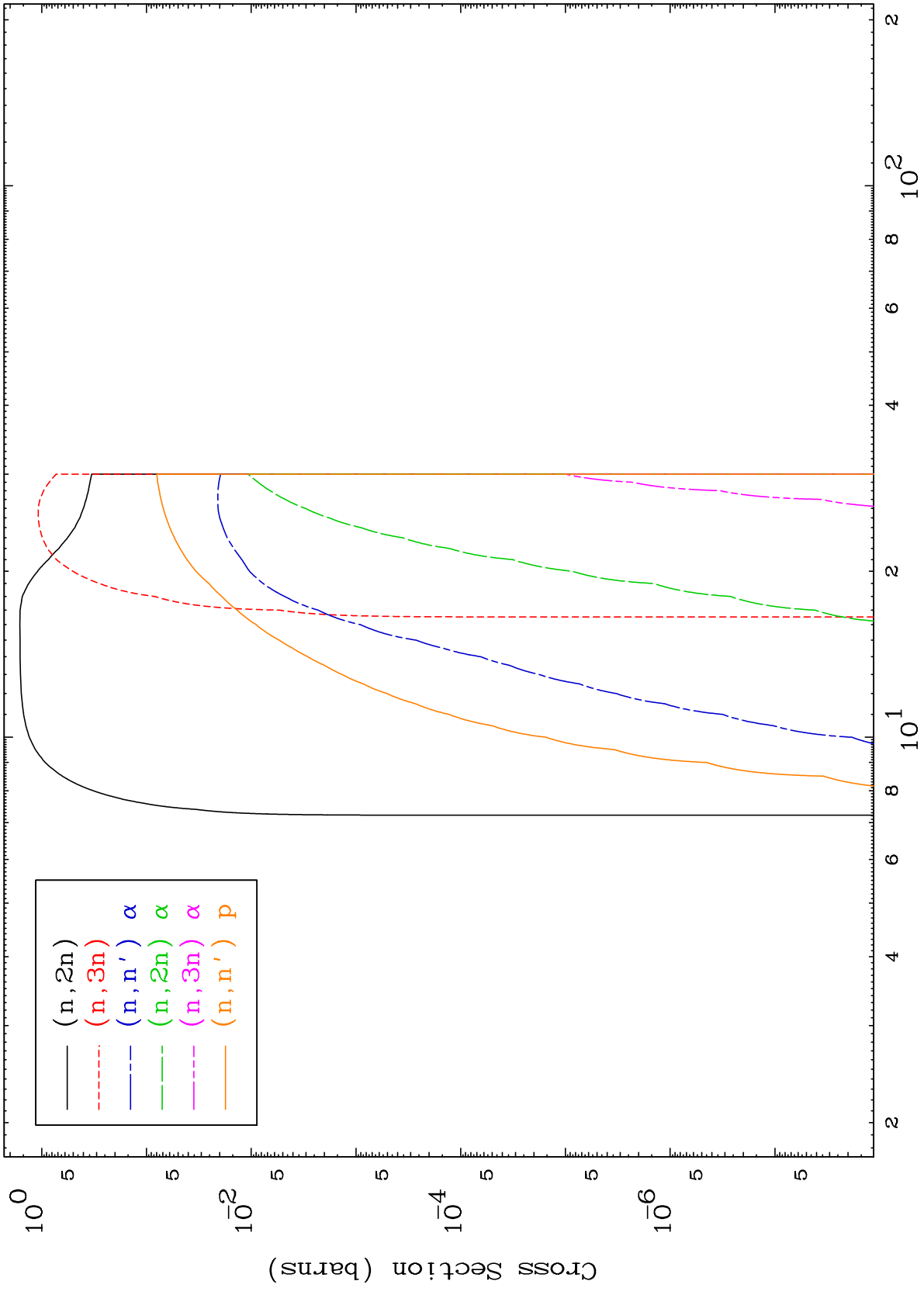
55-Cs-132



MAT 5522

Neutron Production 293 Kelvin Cross Sections

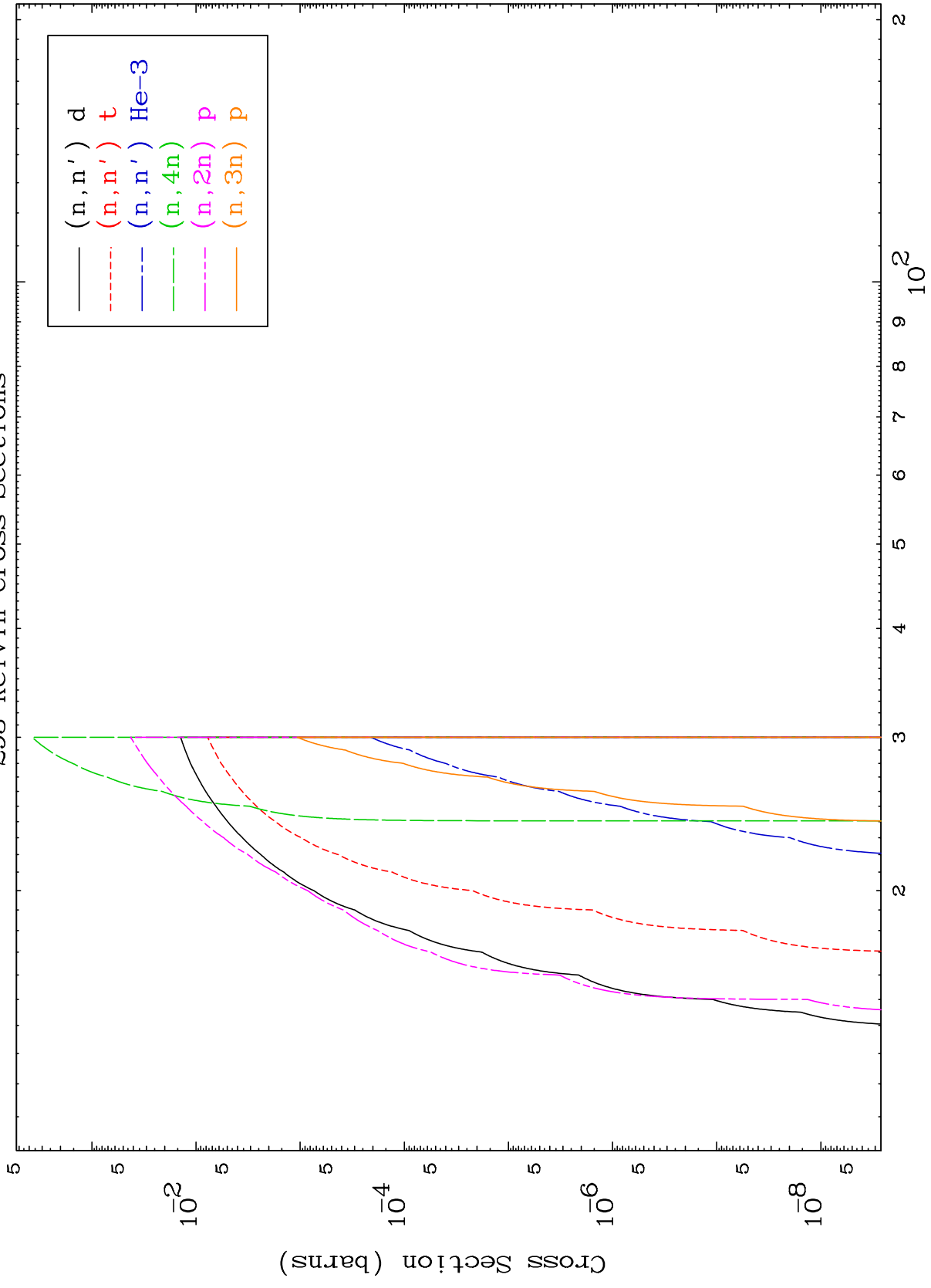
55-Cs-132

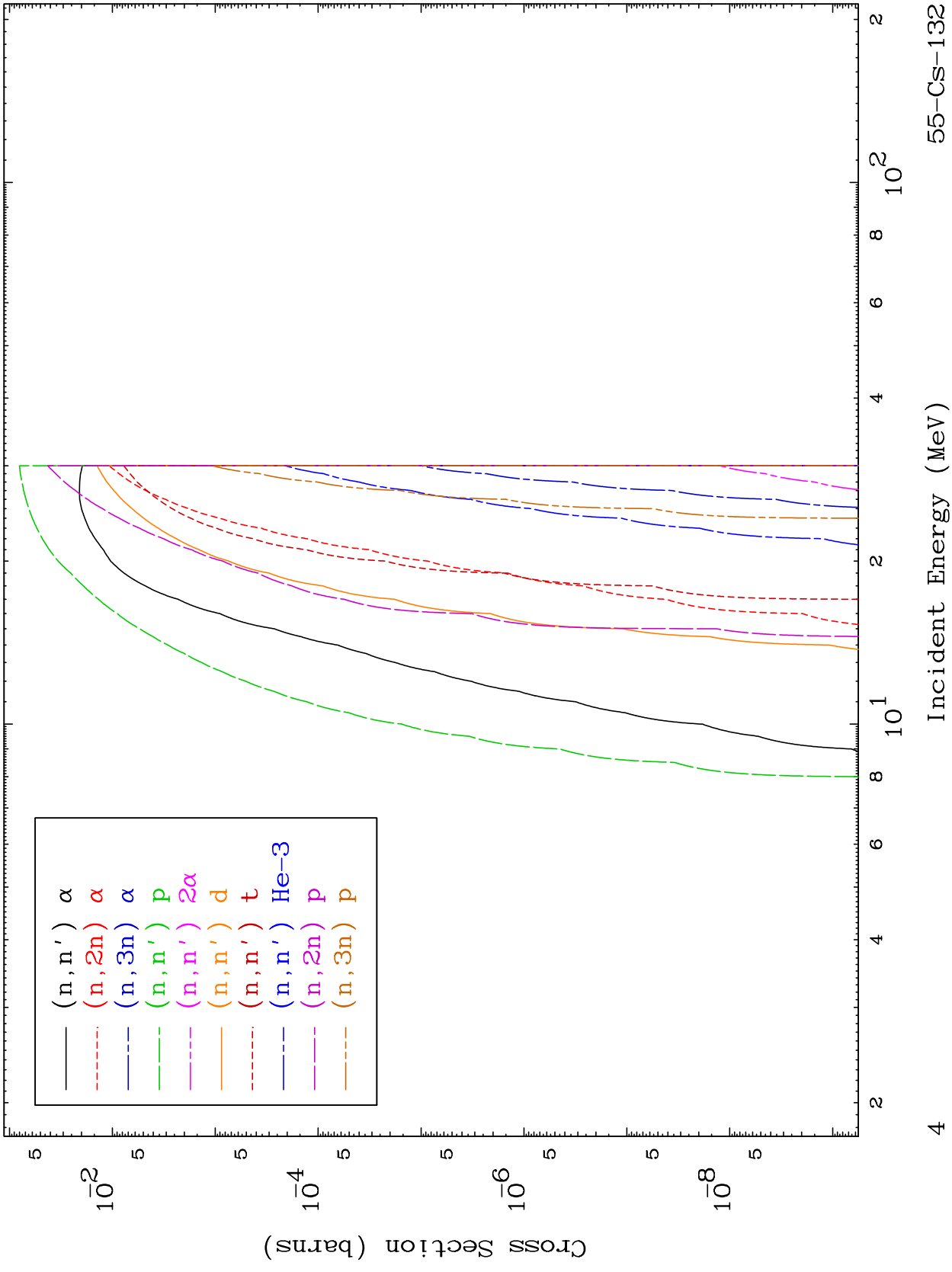


2

Incident Energy (MeV)

55-Cs-132

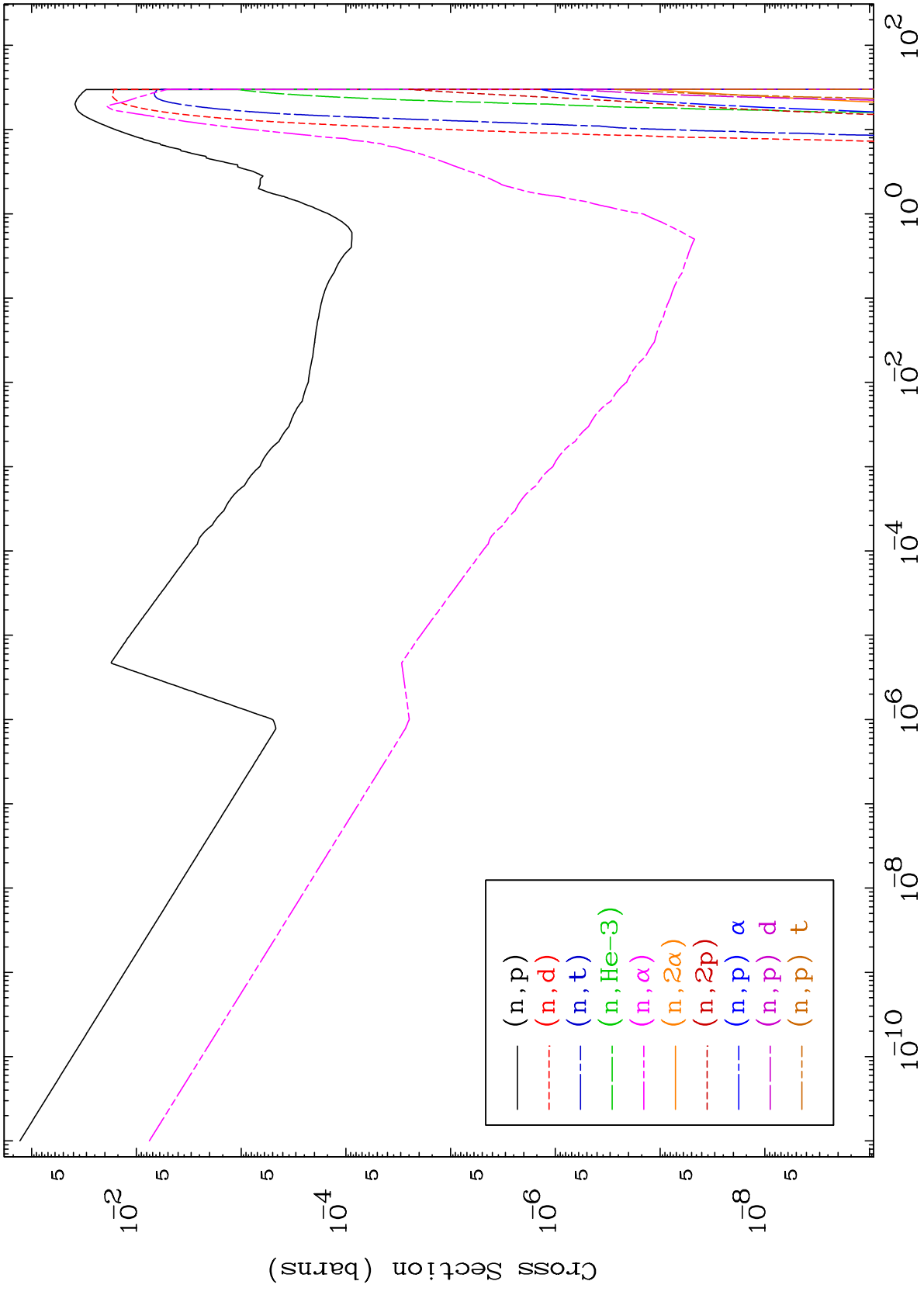


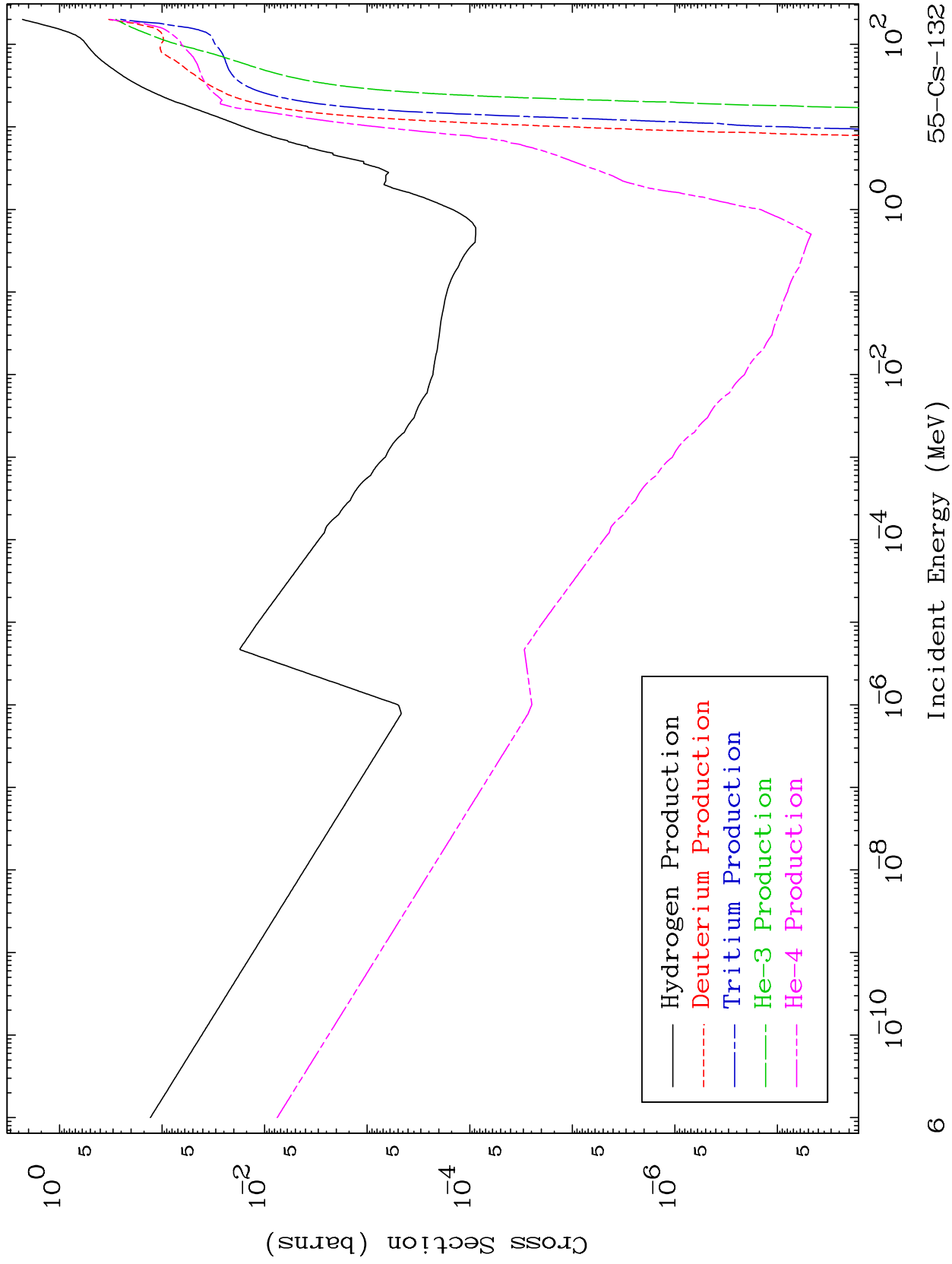


MAT 5522

293 Kelvin Cross Sections

55-Cs-132



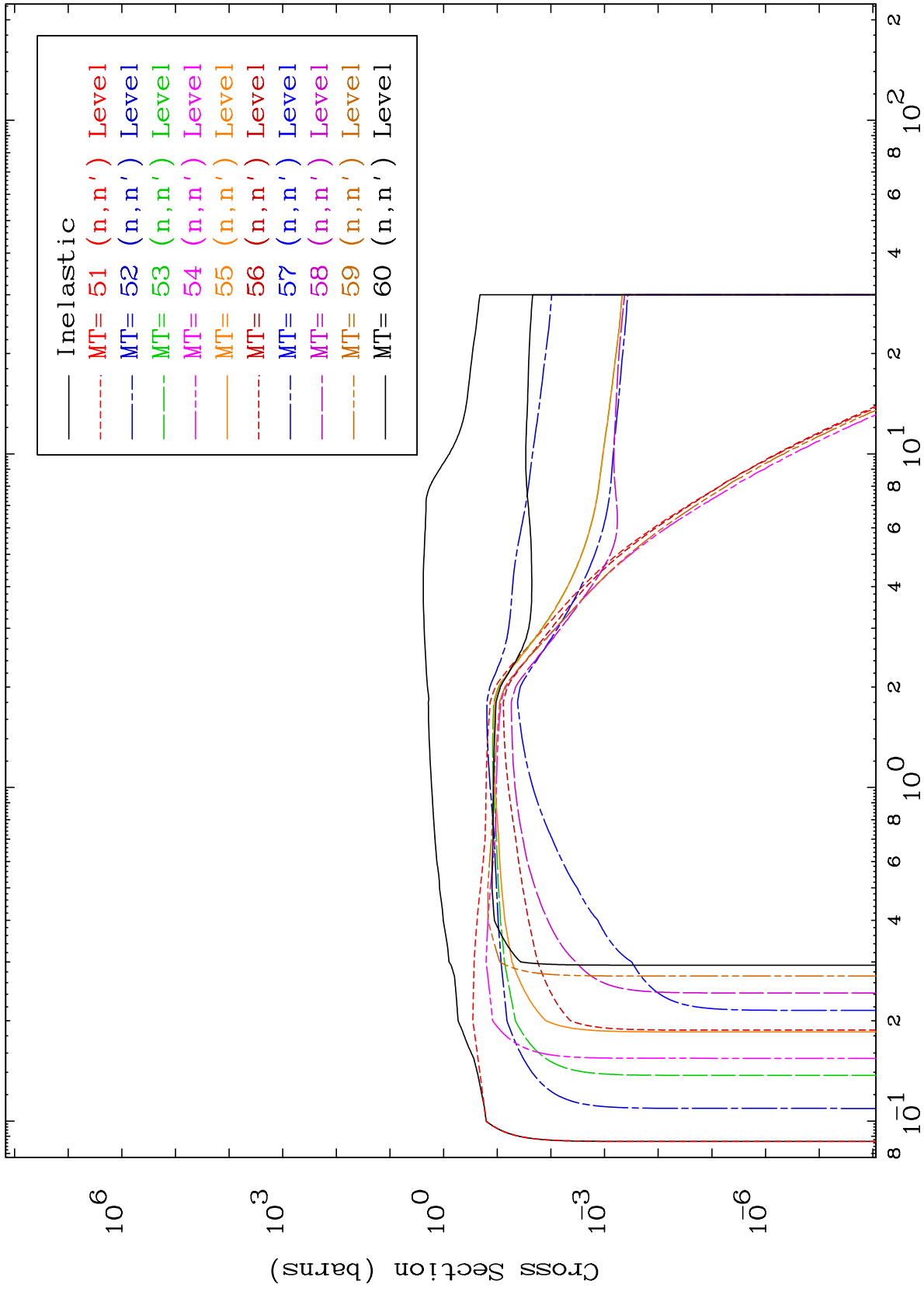


MAT 5522

(n,n') Level

293 Kelvin Cross Sections

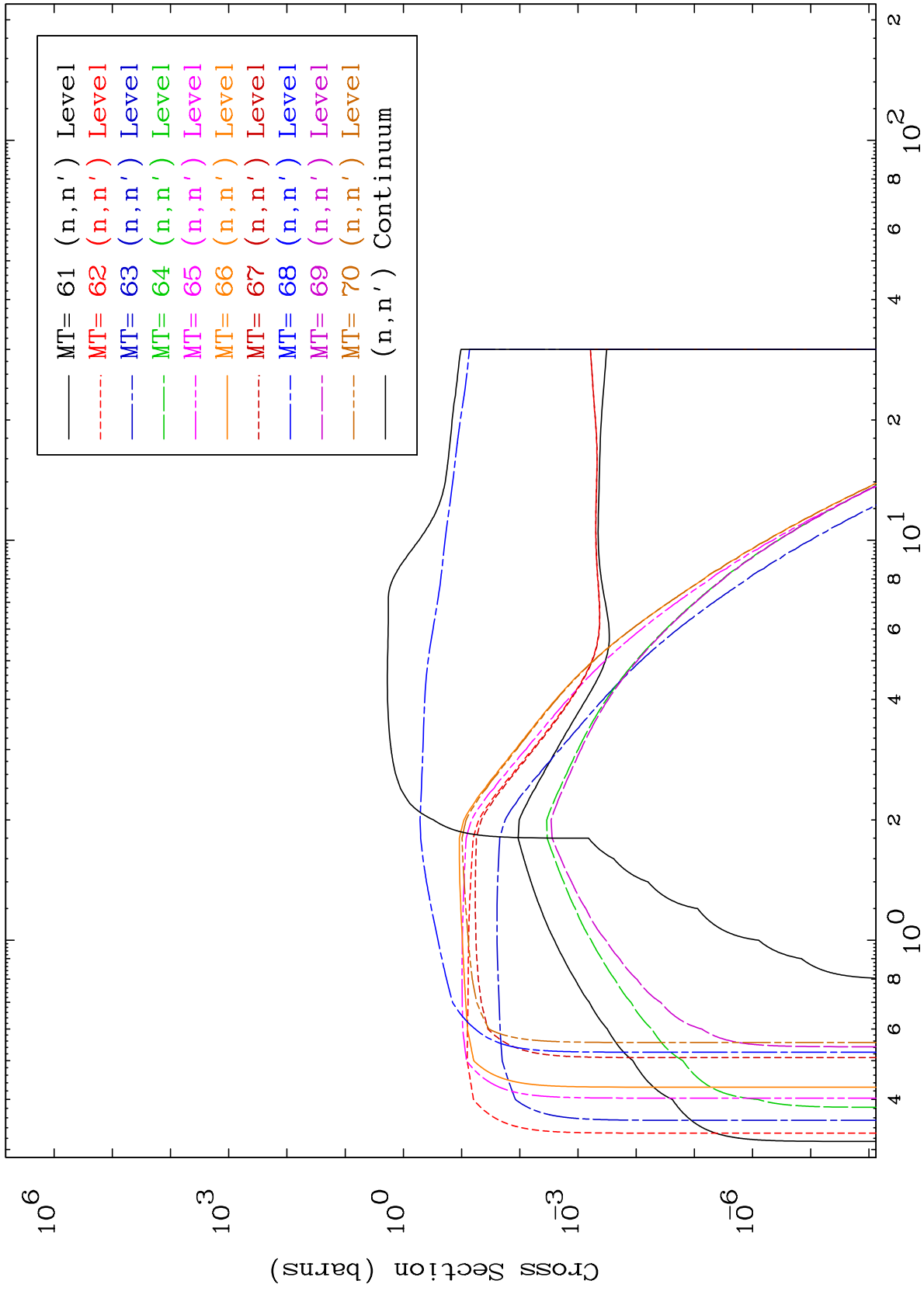
55-Cs-132



7

Incident Energy (MeV)

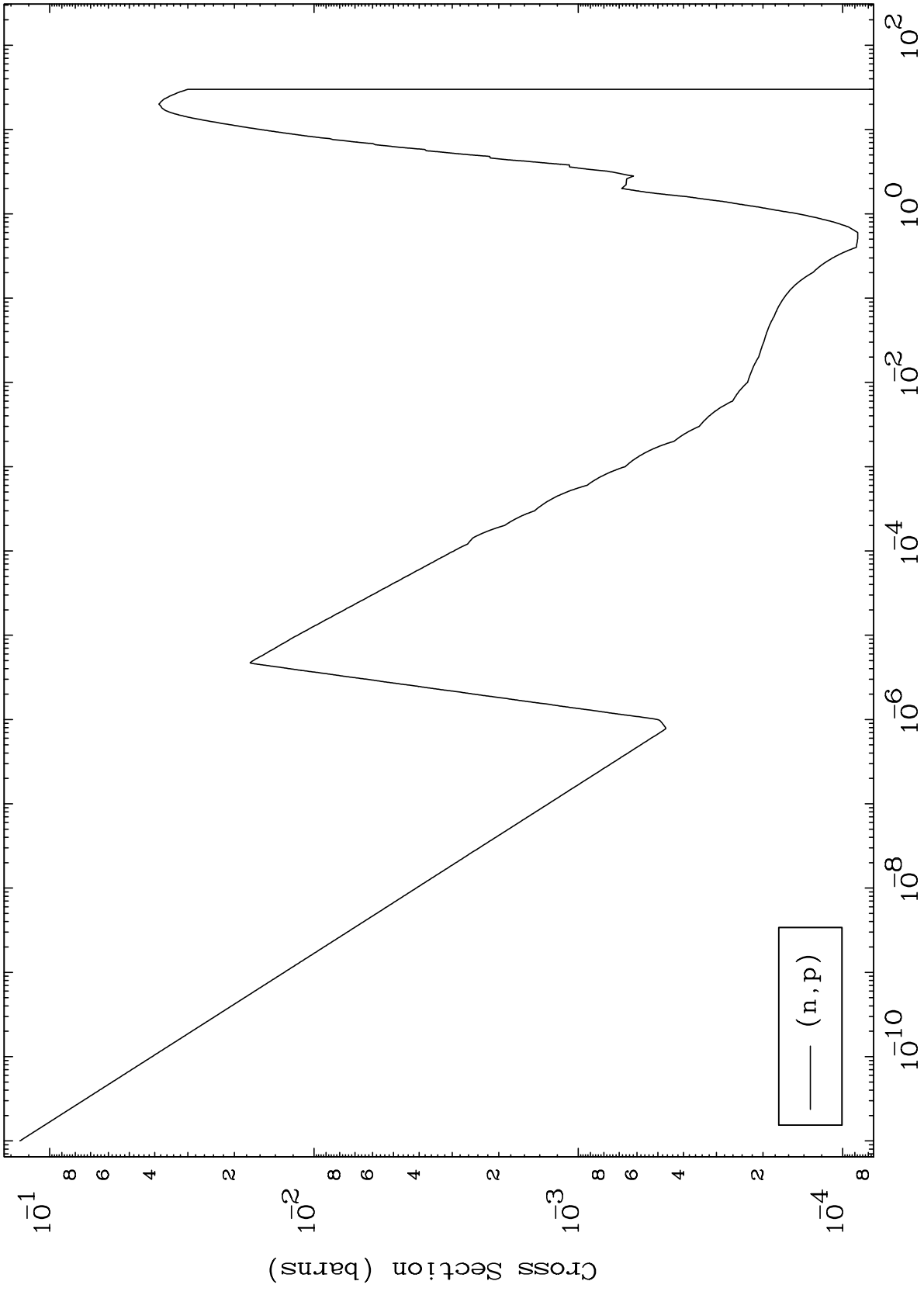
55-Cs-132



MAT 5522

(n,p) Levels
293 Kelvin Cross Sections

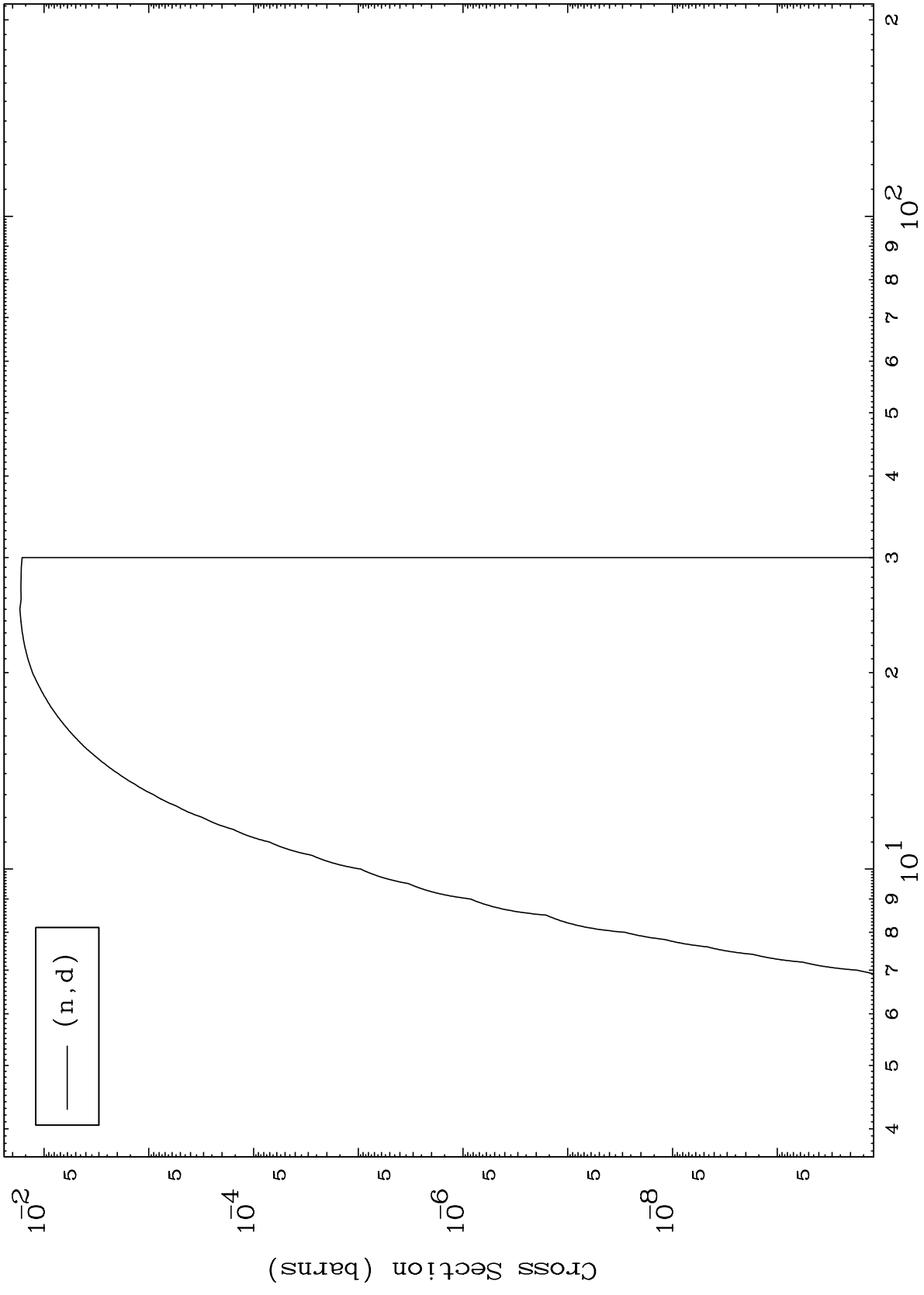
55-Cs-132



MAT 5522

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-132



10

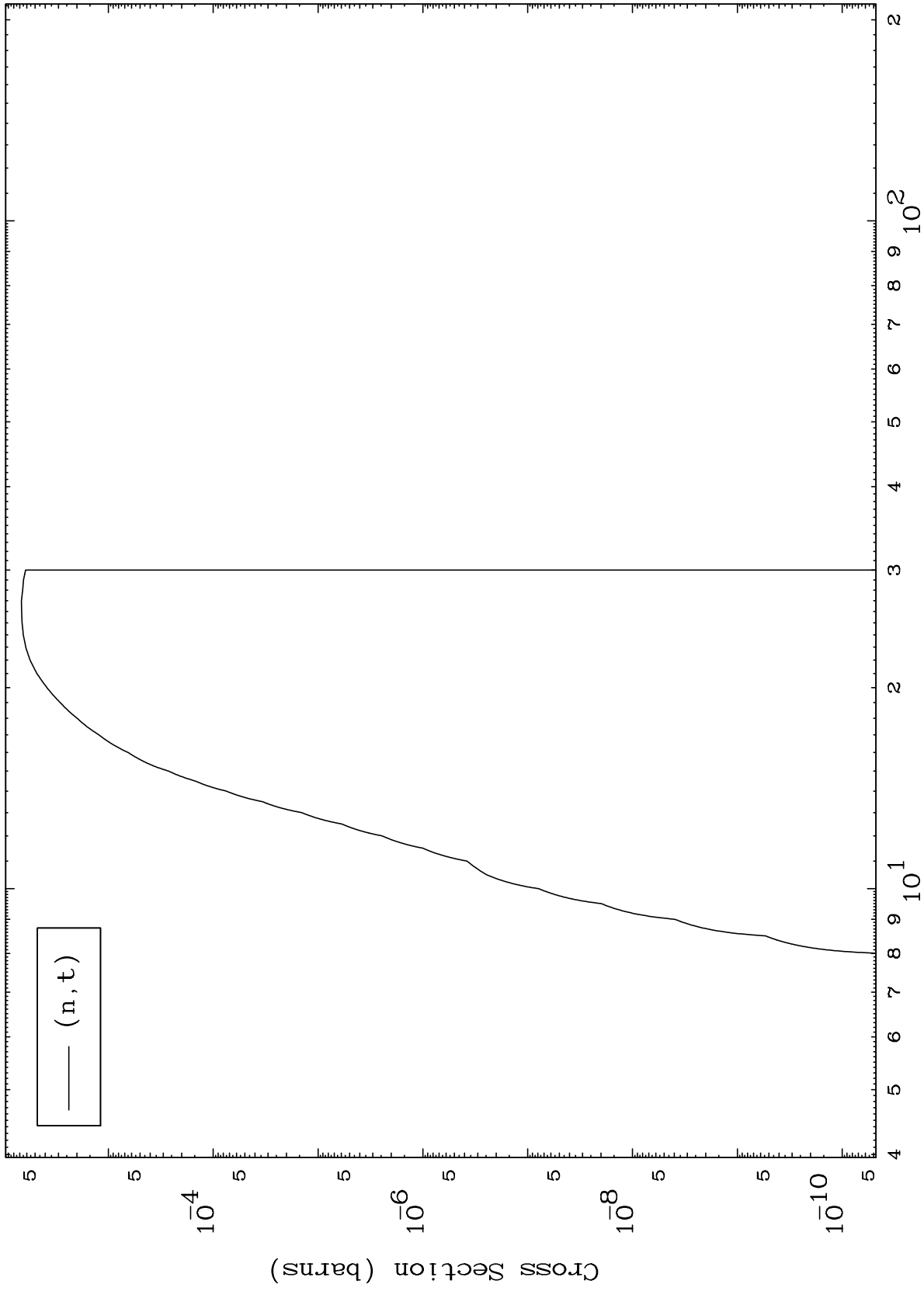
Incident Energy (MeV)

55-Cs-132

MAT 5522

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-132



11

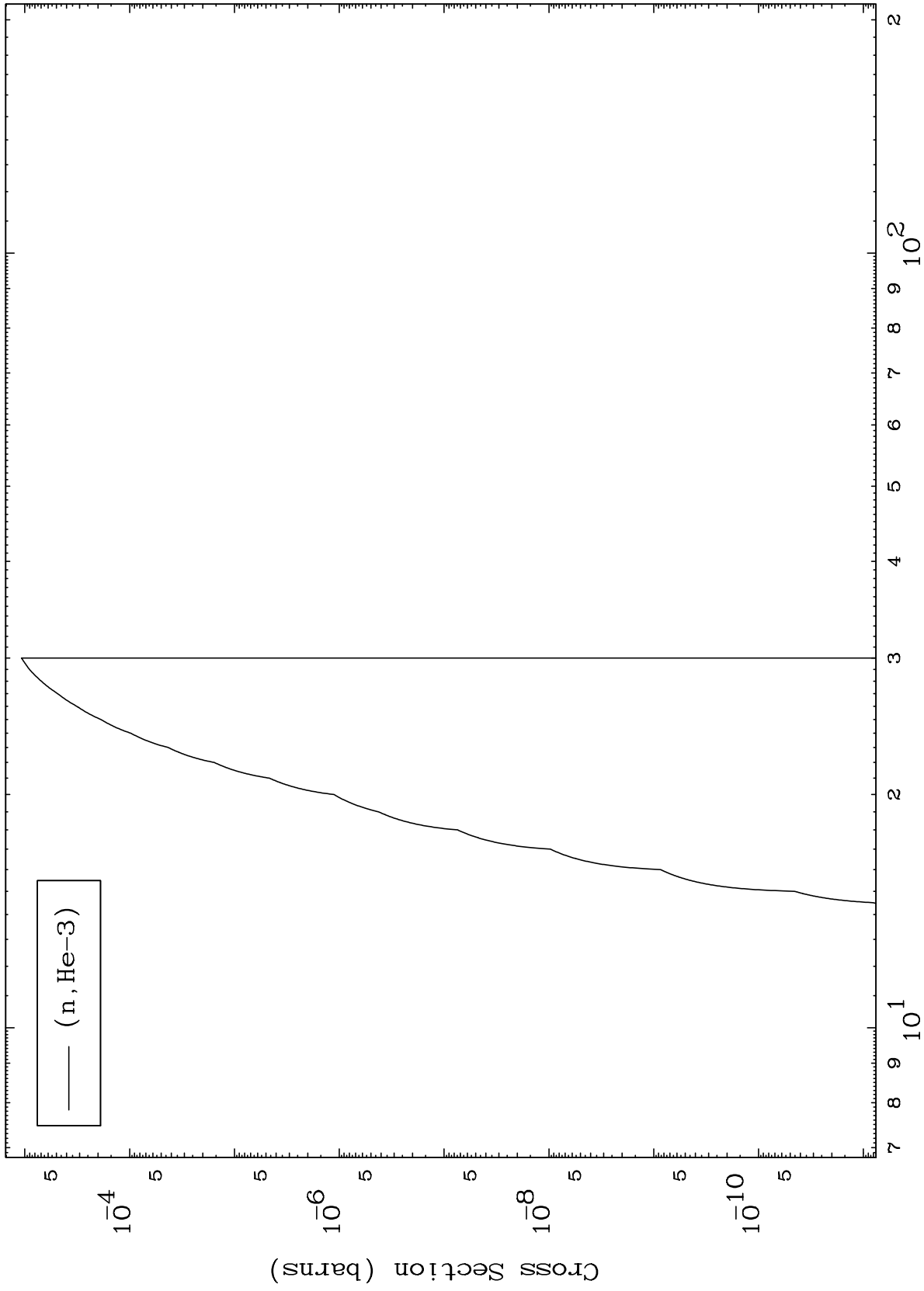
Incident Energy (MeV)

55-Cs-132

MAT 5522

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-132



12

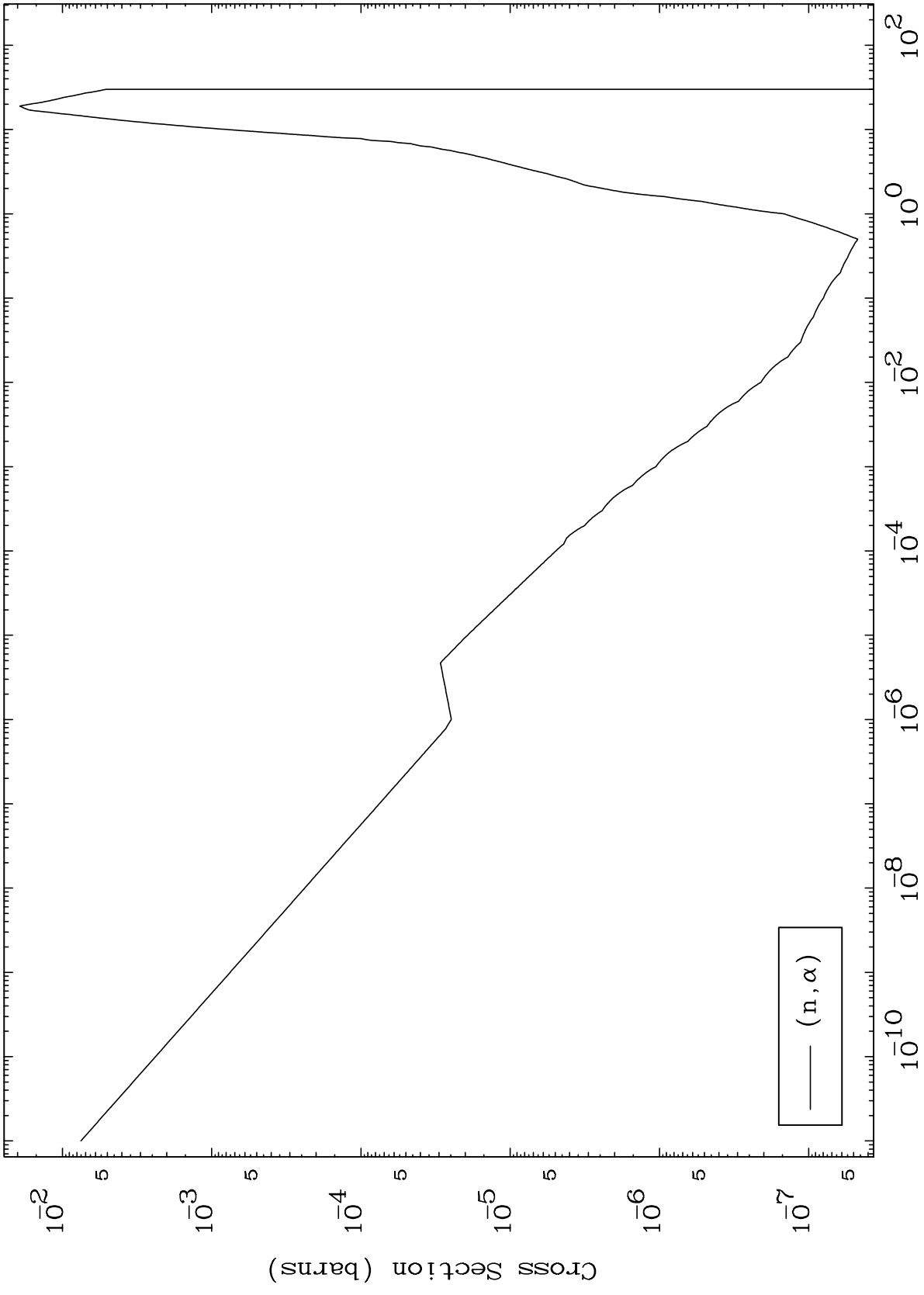
Incident Energy (MeV)

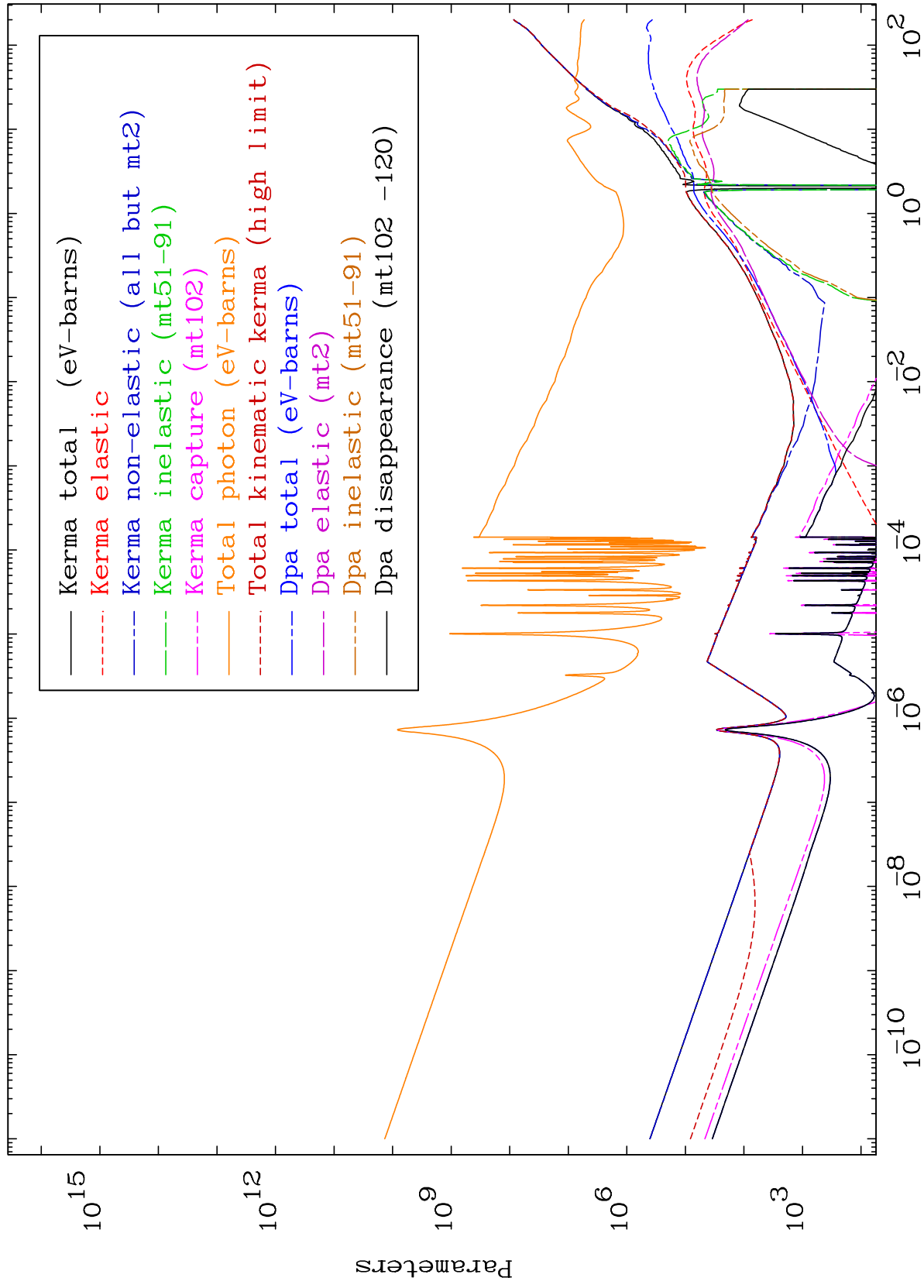
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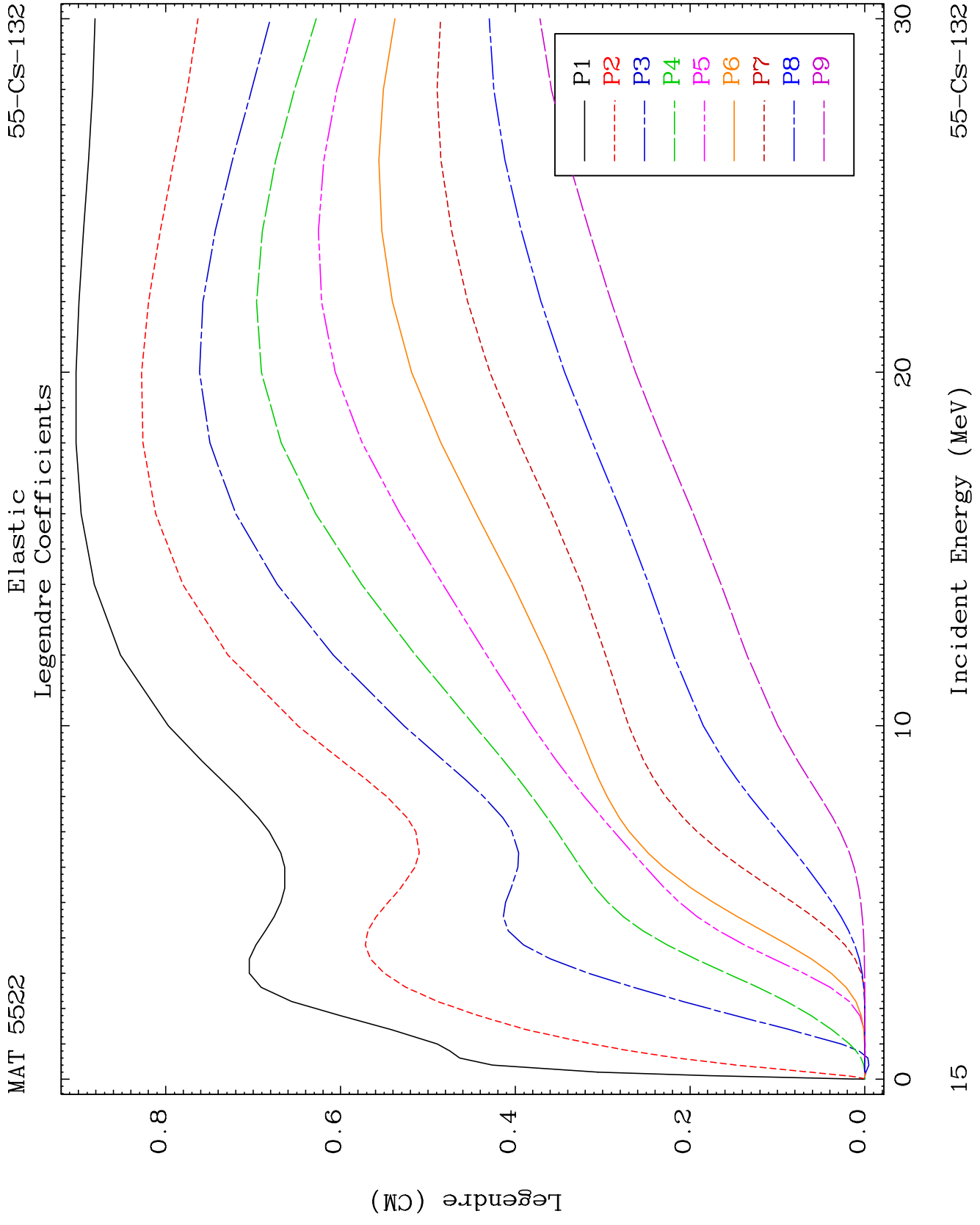
MAT 5522

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-132



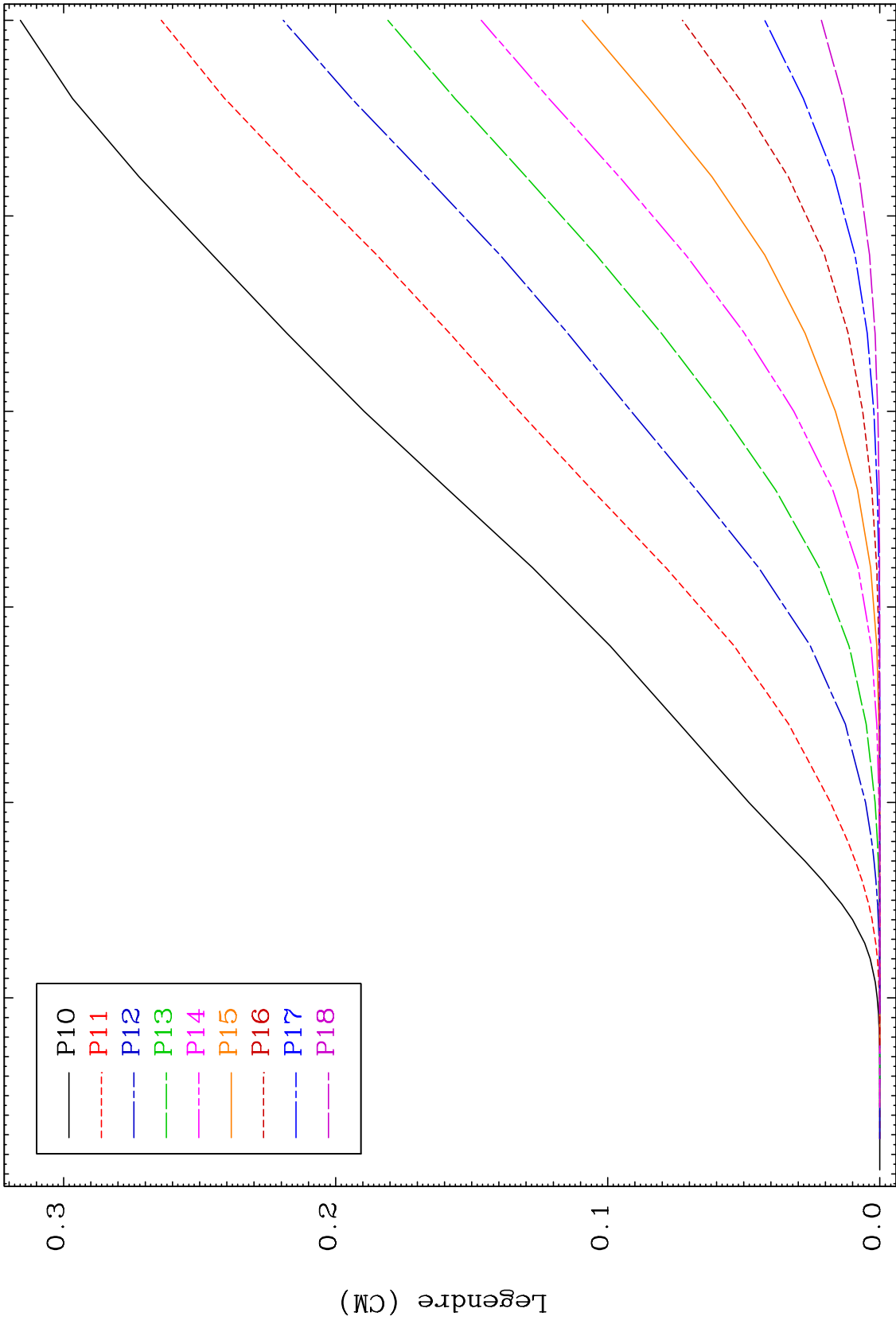




MAT 5522

Elastic Legendre Coefficients

55-Cs-132



16

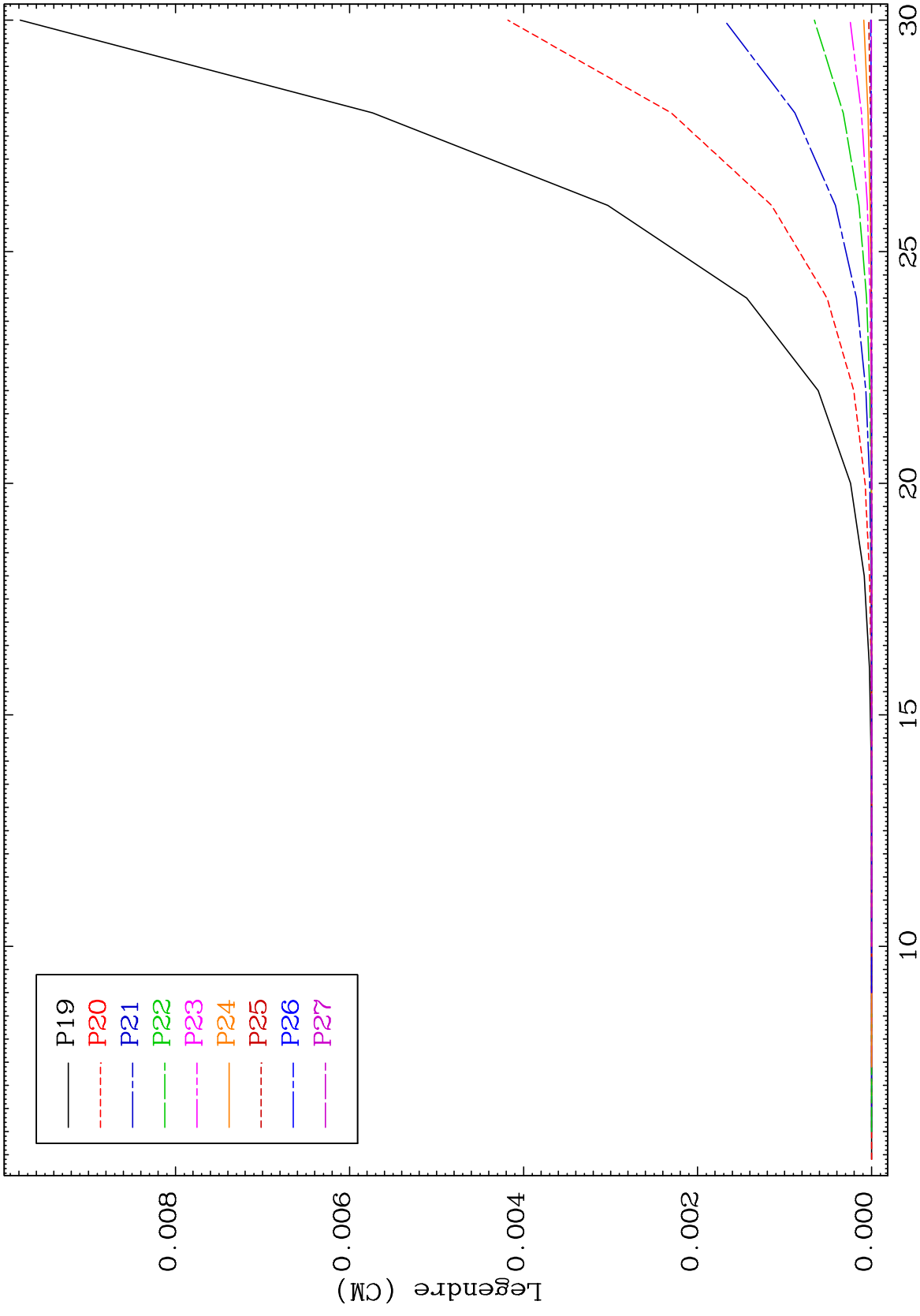
Incident Energy (MeV)

55-Cs-132

MAT 5522

Elastic Legendre Coefficients

55-Cs-132



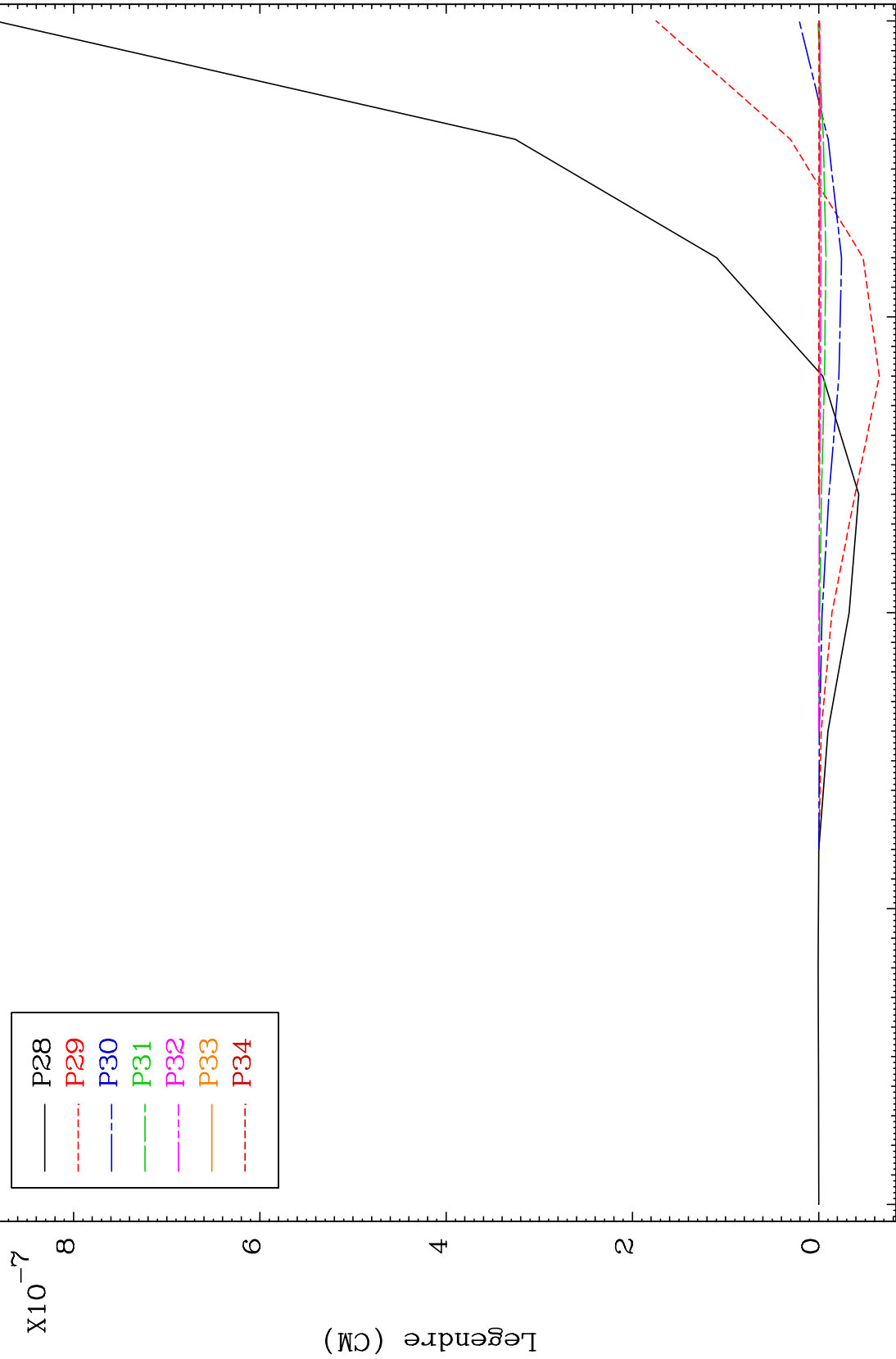
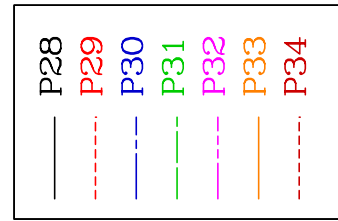
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55-Cs-132

MAT 5522

Elastic Legendre Coefficients

55-Cs-132

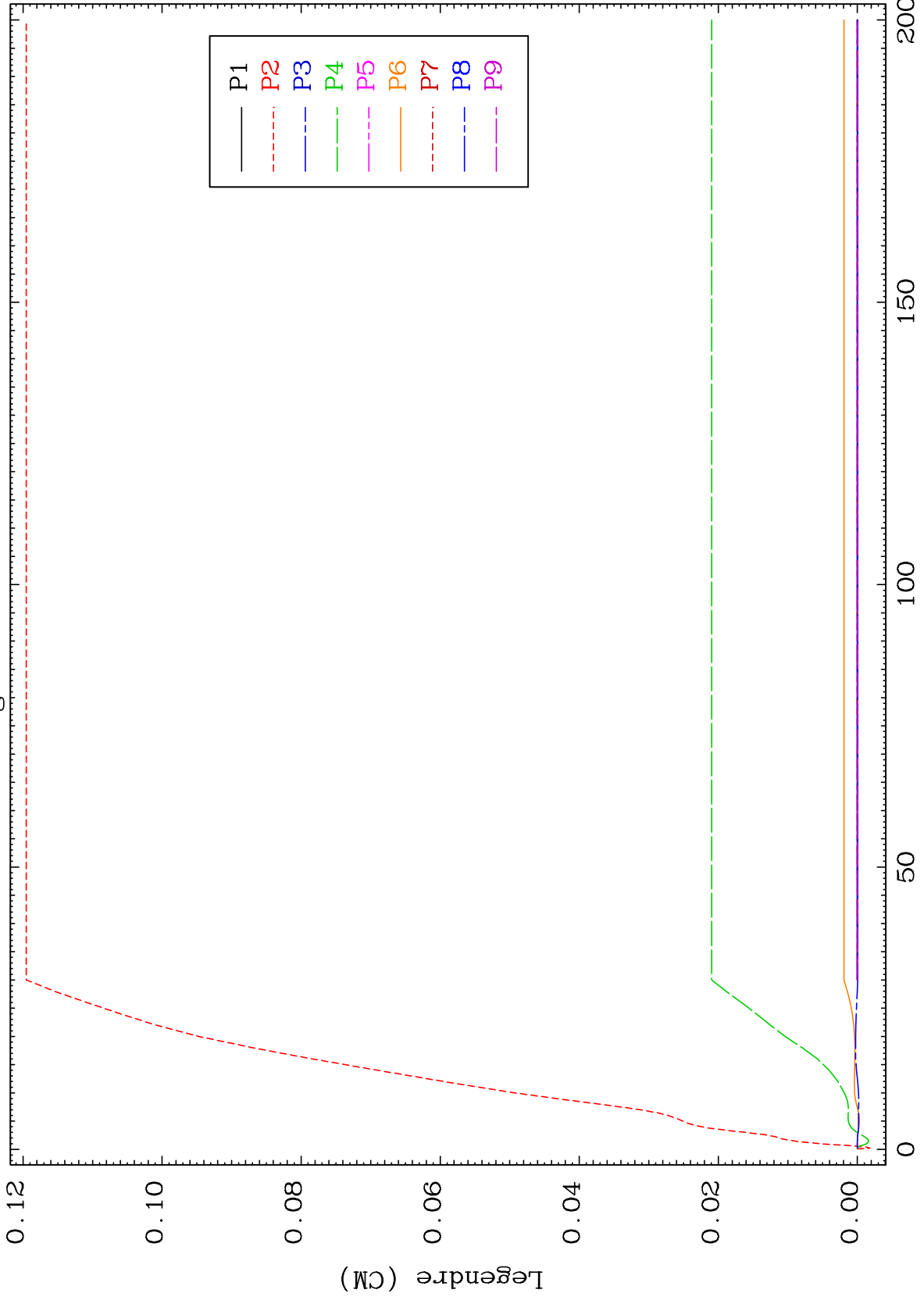


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Incident Energy (MeV)

55-Cs-132

MAT 5522 MT= 51 (n,n') Level Legendre Coefficients 55-Cs-132

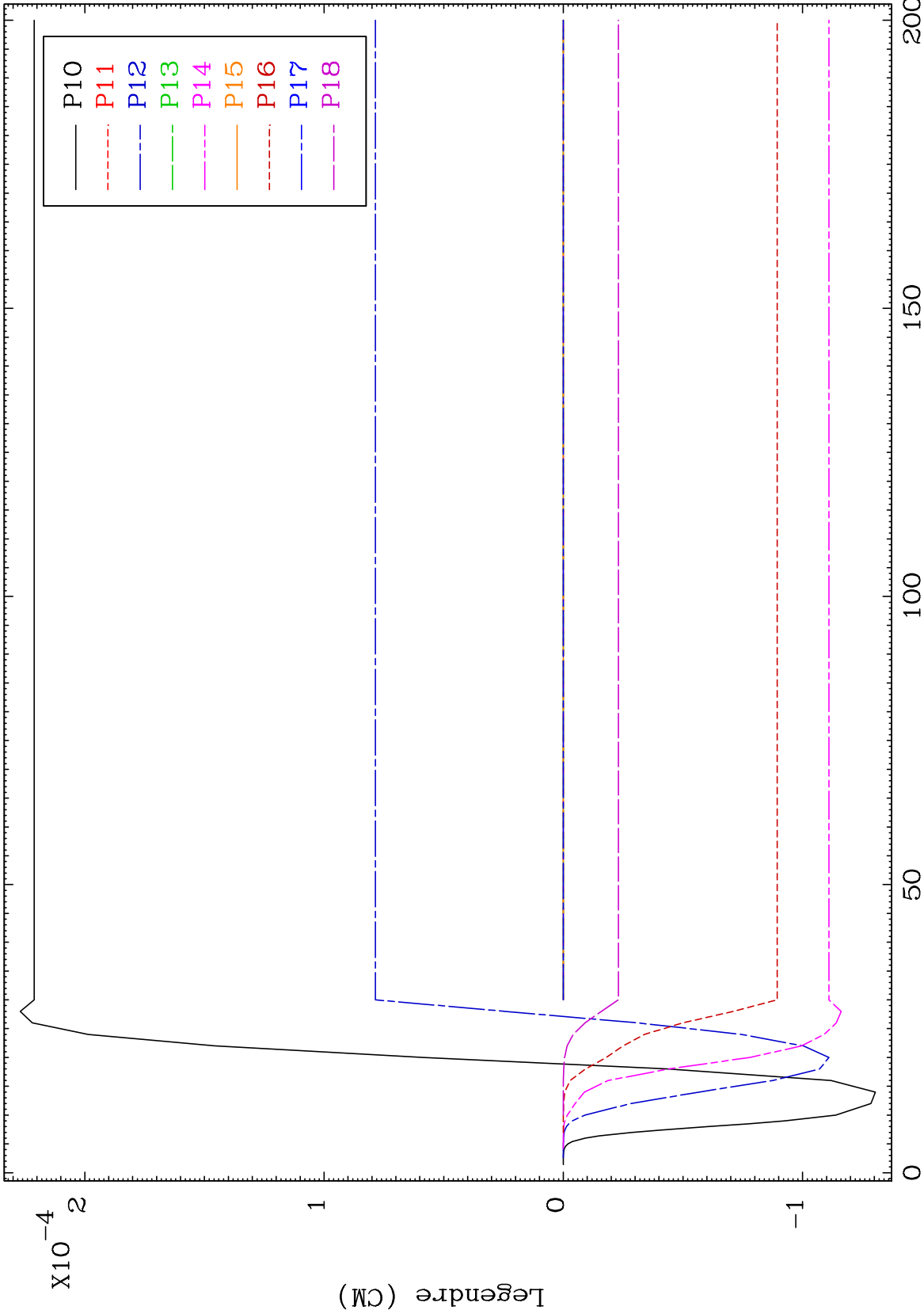


19 Incident Energy (MeV) 55-Cs-132

MAT 5522

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

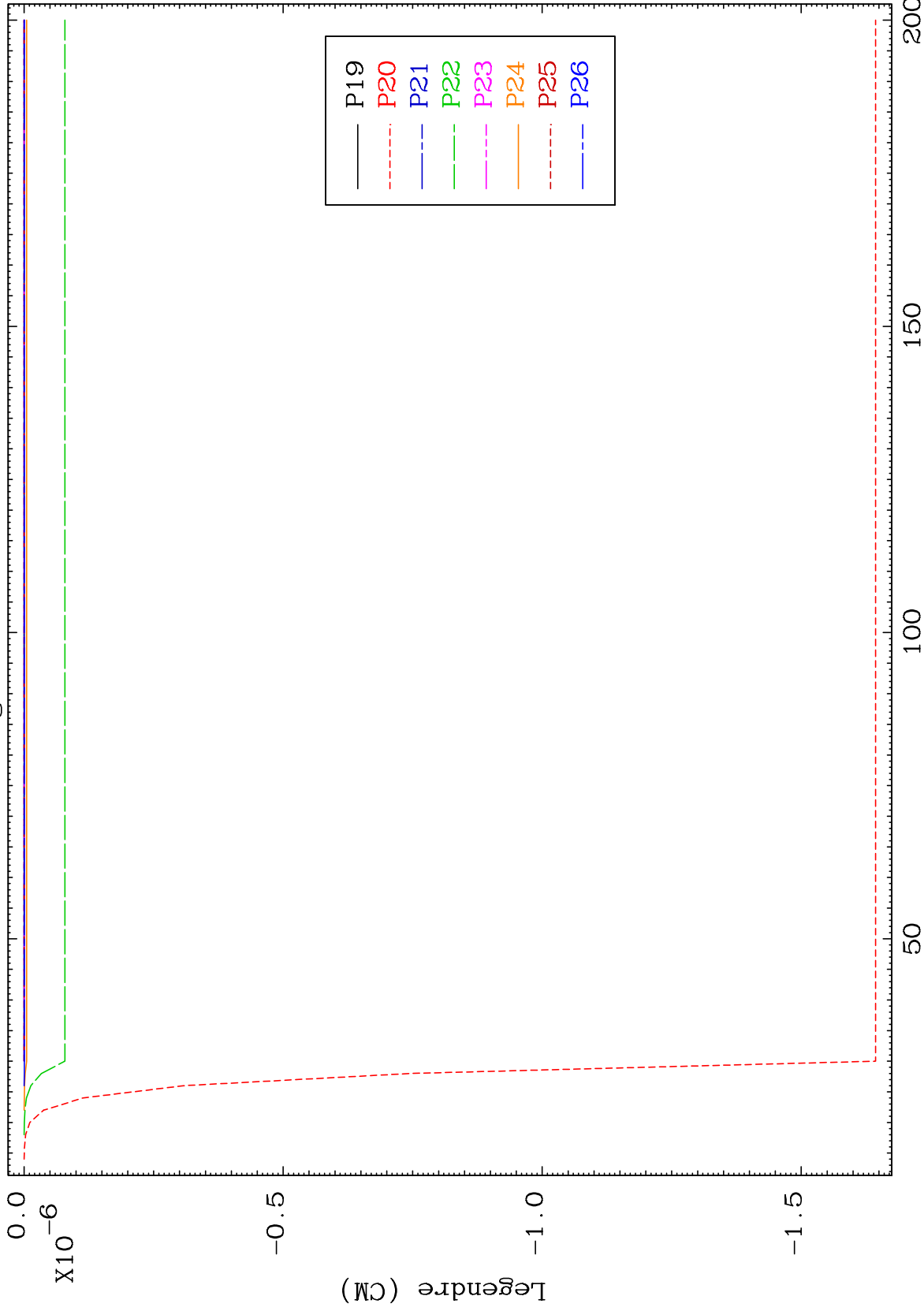
55-Cs-132



55-Cs-132

Incident Energy (MeV)

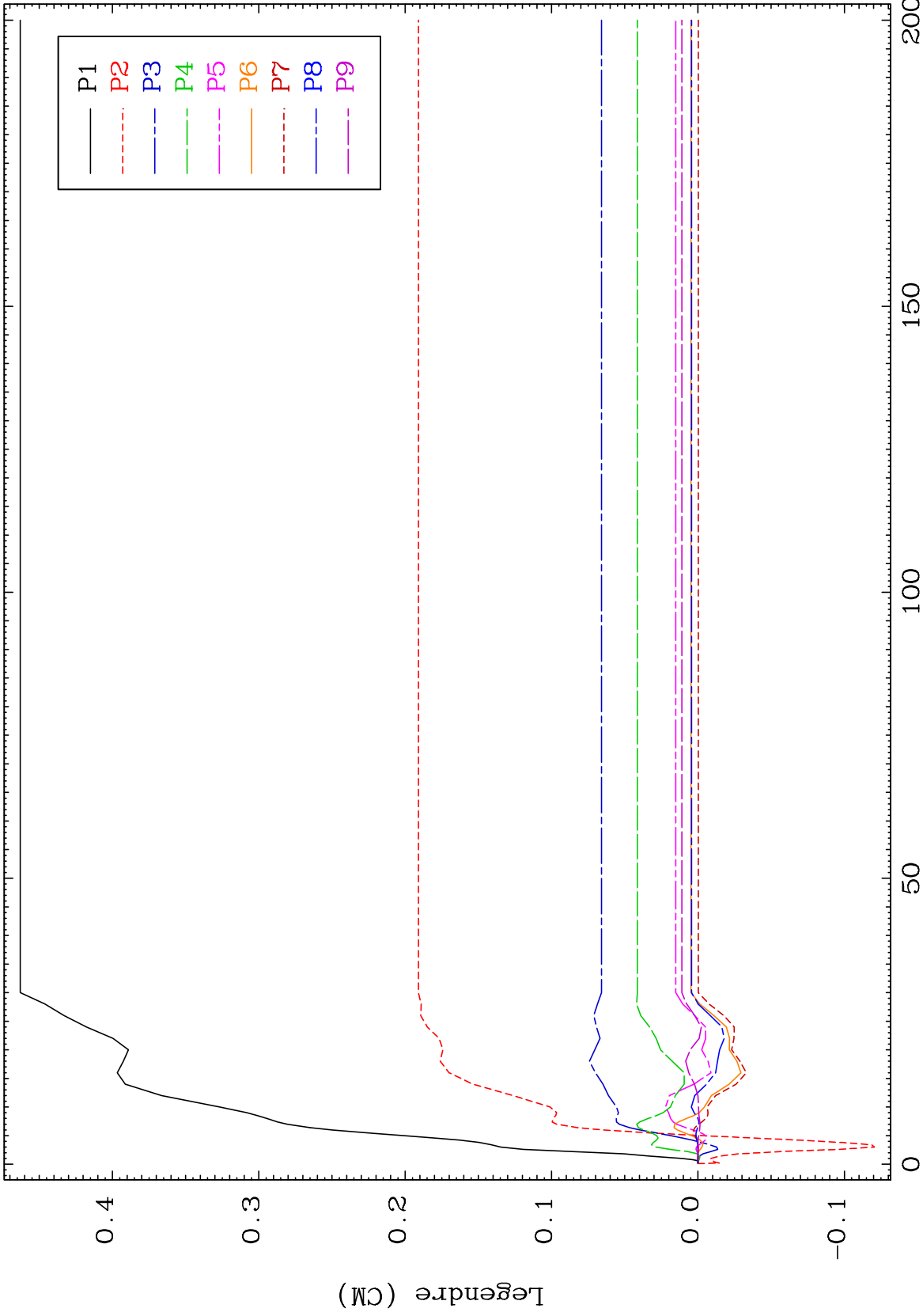
Legendre Coefficients



MAT 5522

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

55-Cs-132



22

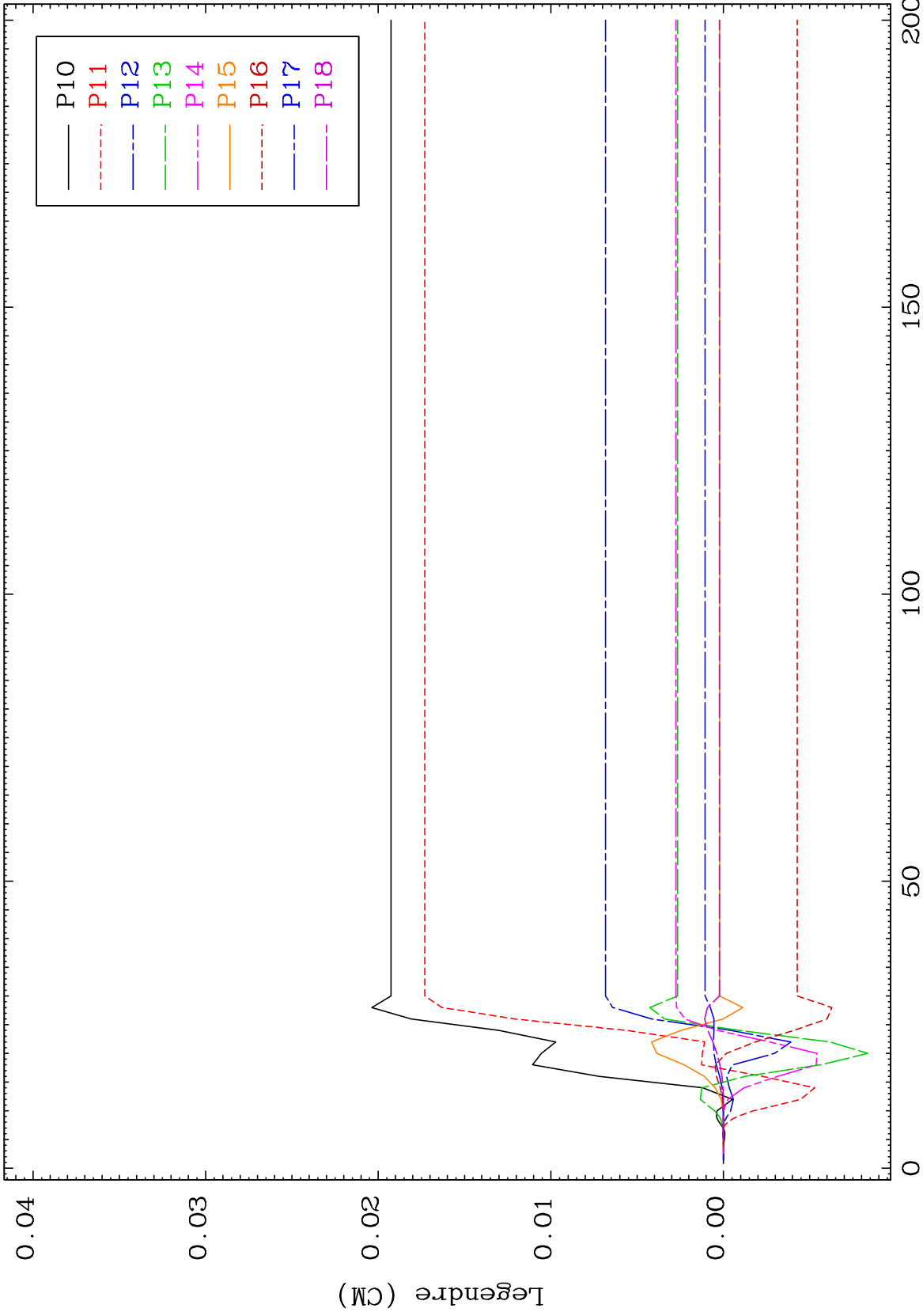
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132

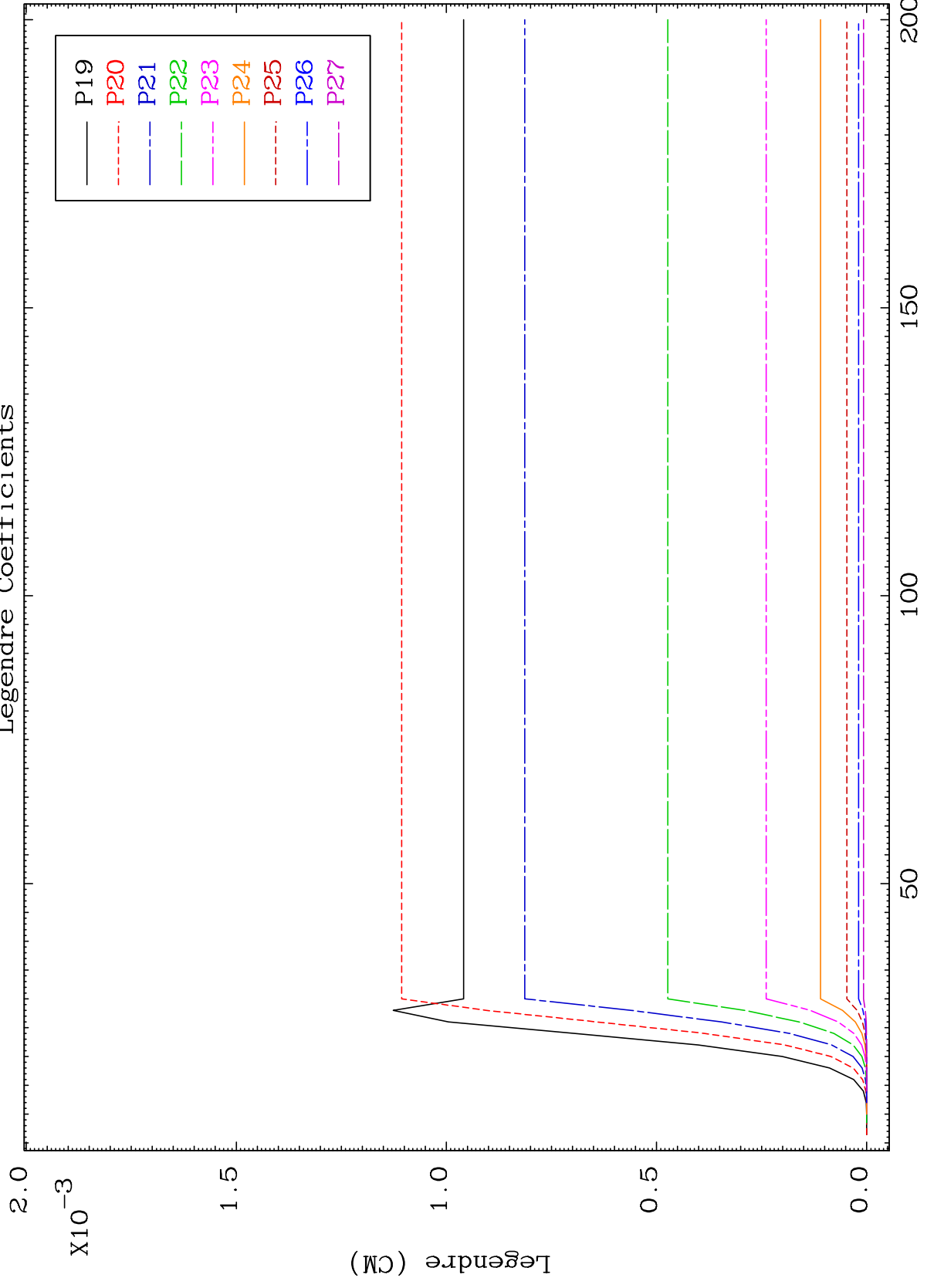


23

Incident Energy (MeV)

55-Cs-132

MAT 5522 MT= 52 (n,n') Level Legendre Coefficients 55-Cs-132

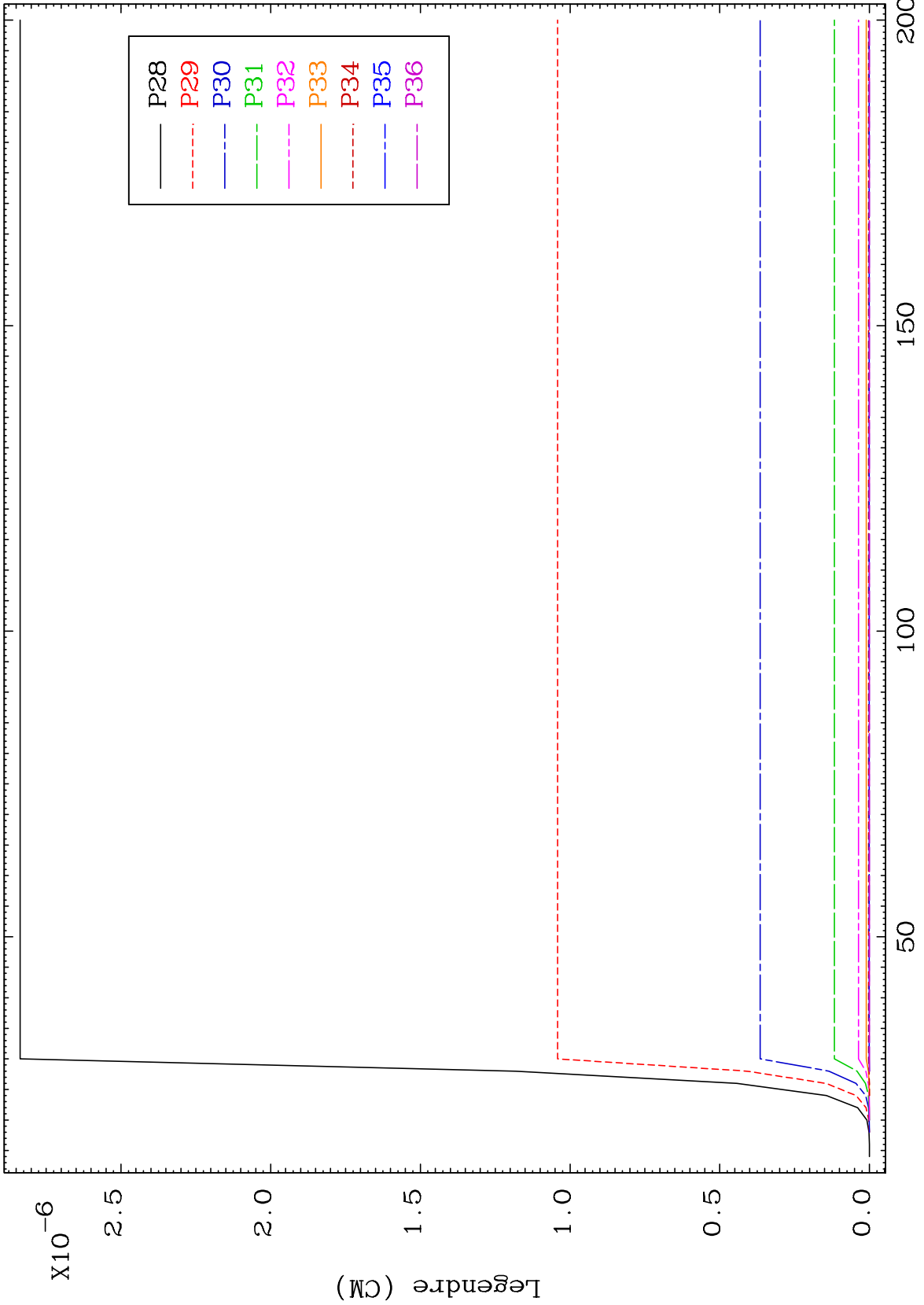


24 55-Cs-132

MAT 5522

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

55-Cs-132



25

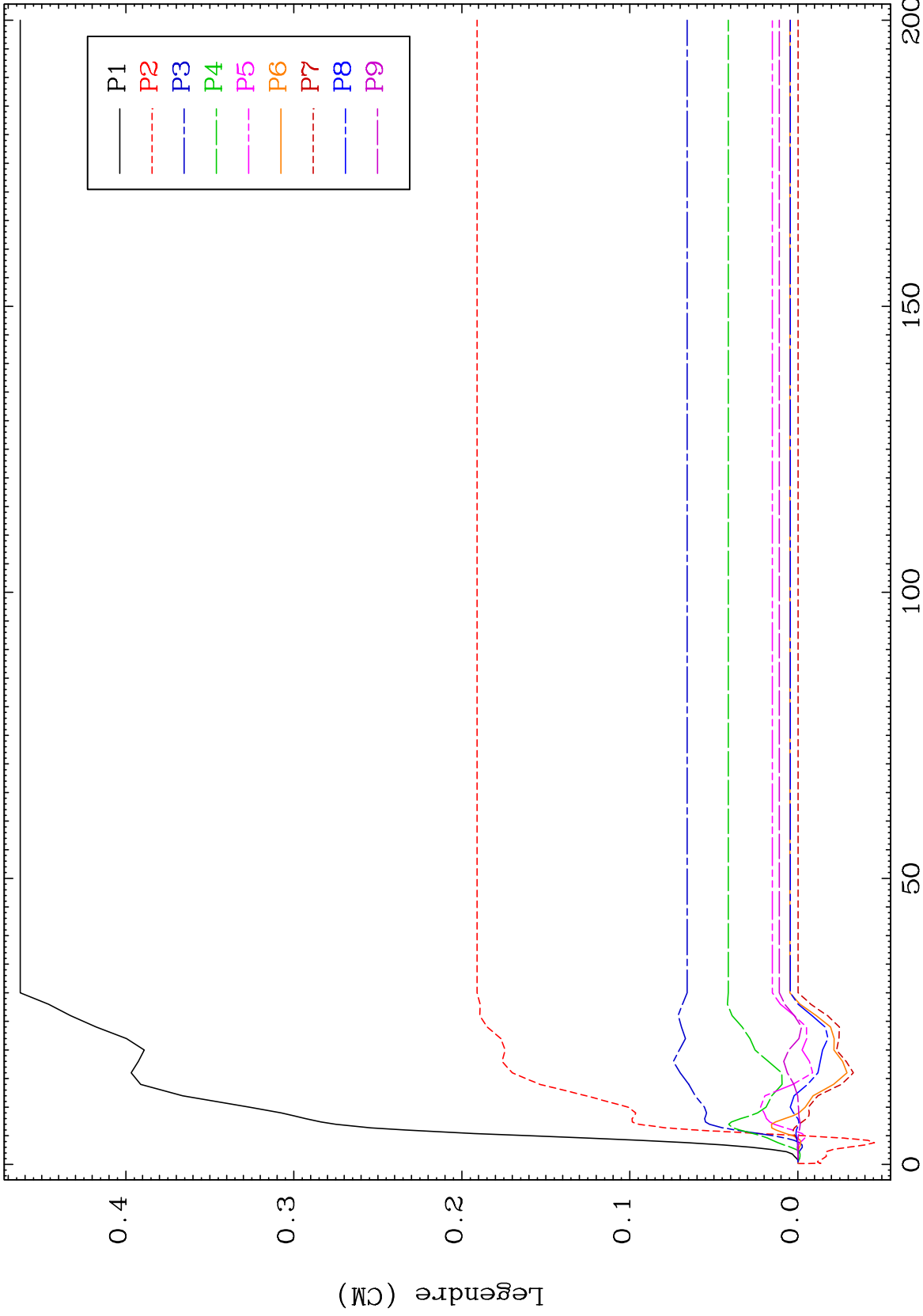
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



26

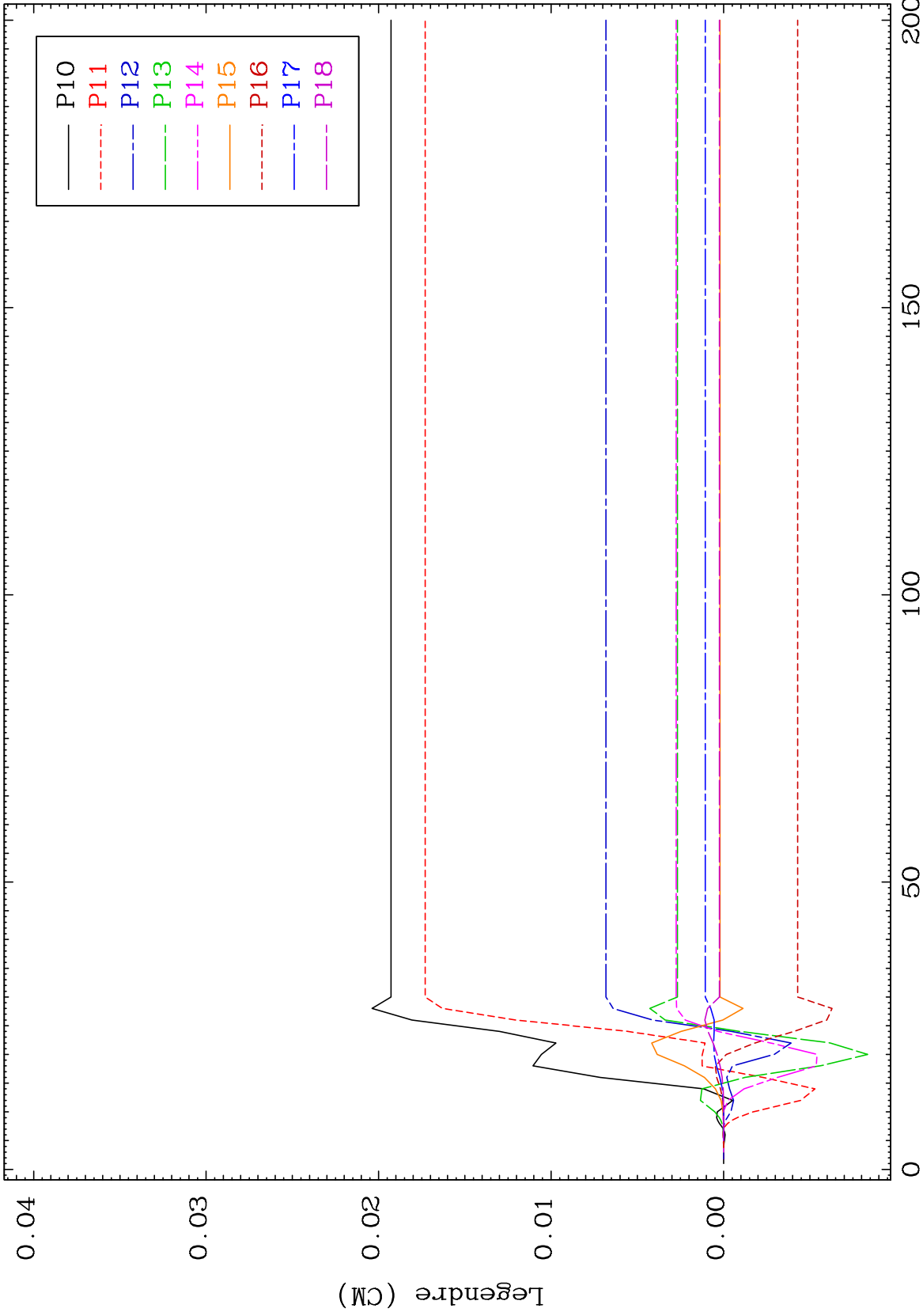
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132

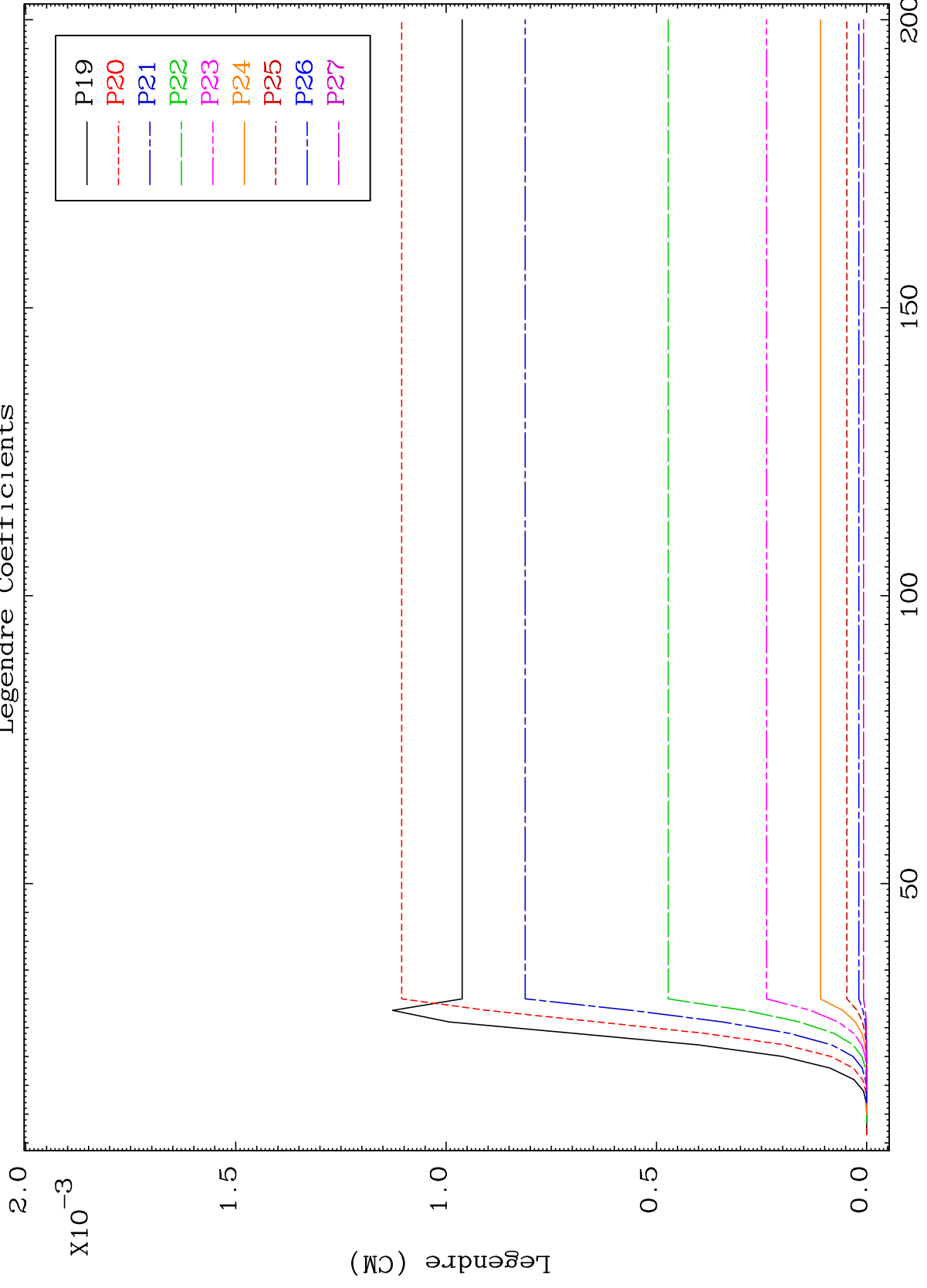


27

Incident Energy (MeV)

55-Cs-132

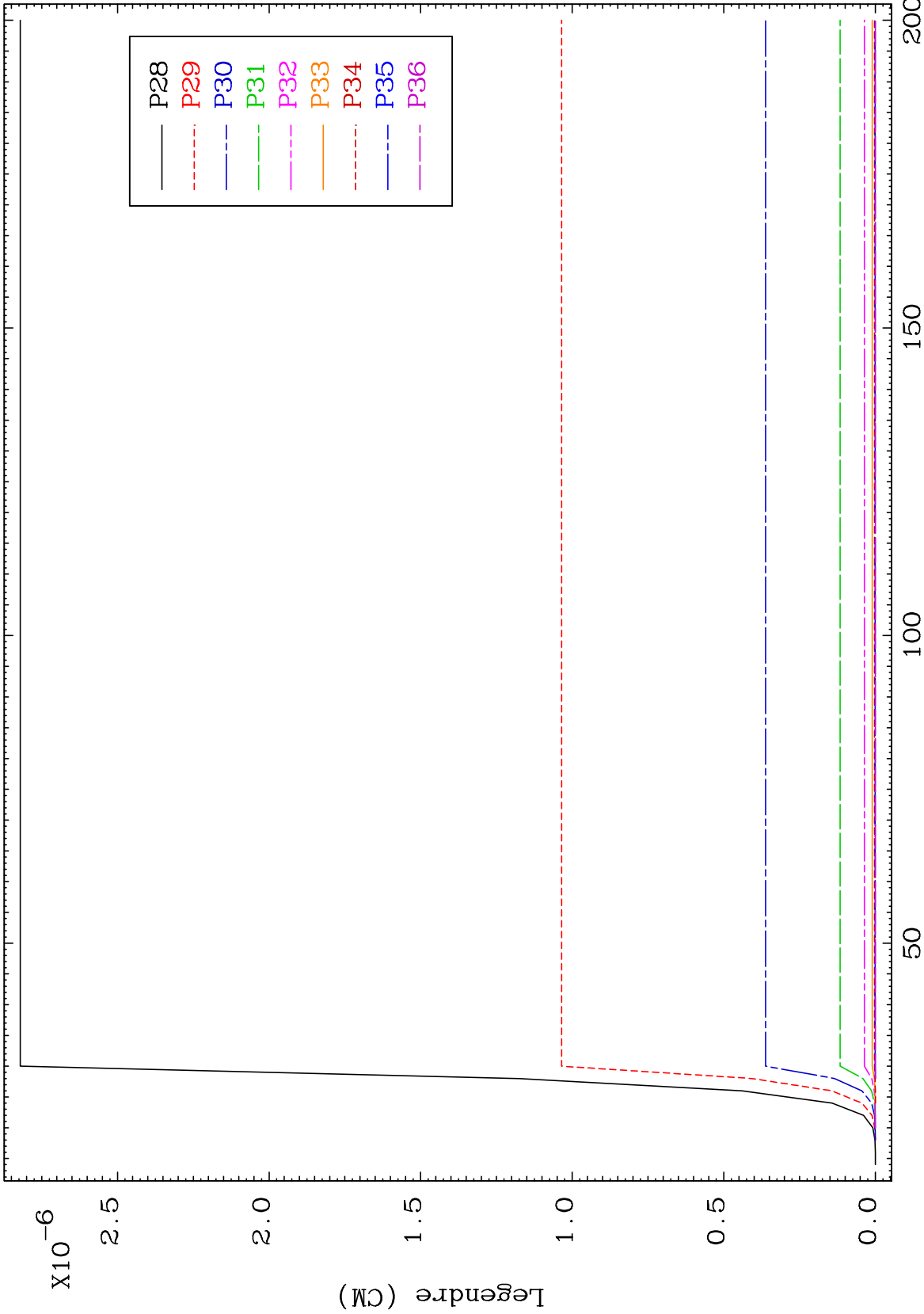
MAT 5522 MT= 53 (n,n') Level Legendre Coefficients 55-Cs-132



MAT 5522

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

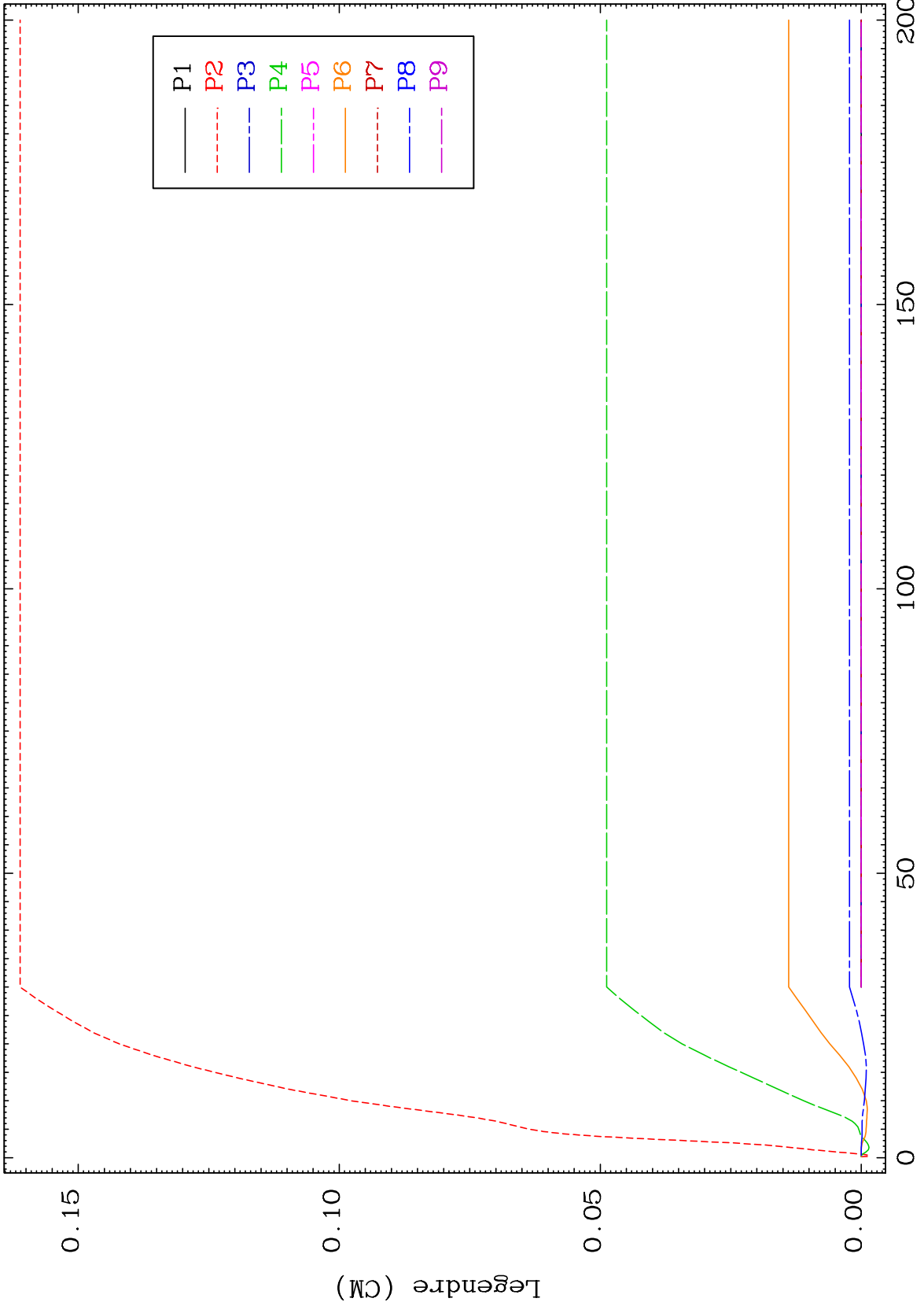
55-Cs-132



29

55-Cs-132

MAT 5522 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-132

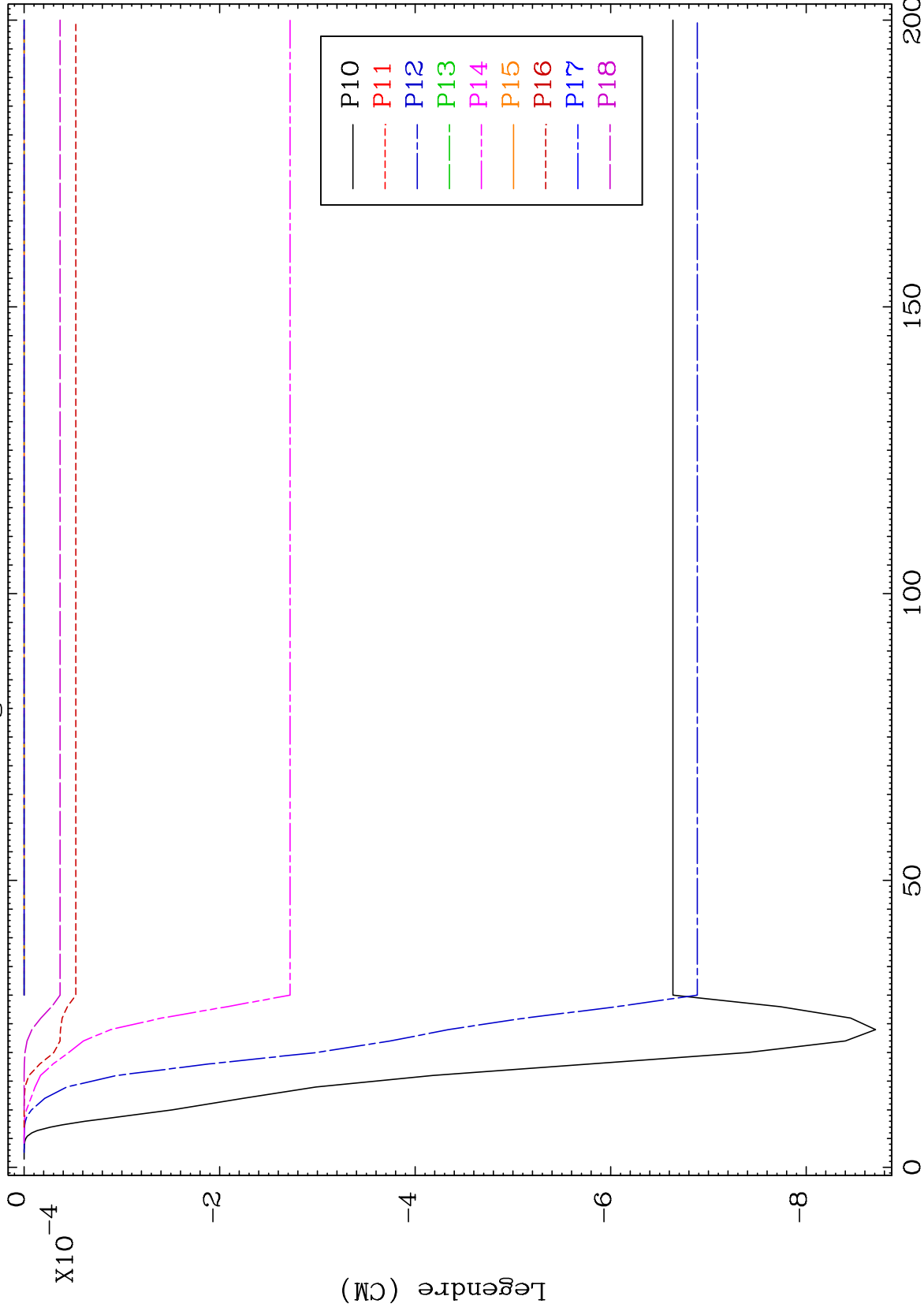


Legendre (CM) Incident Energy (MeV) 55-Cs-132

MAT 5522

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

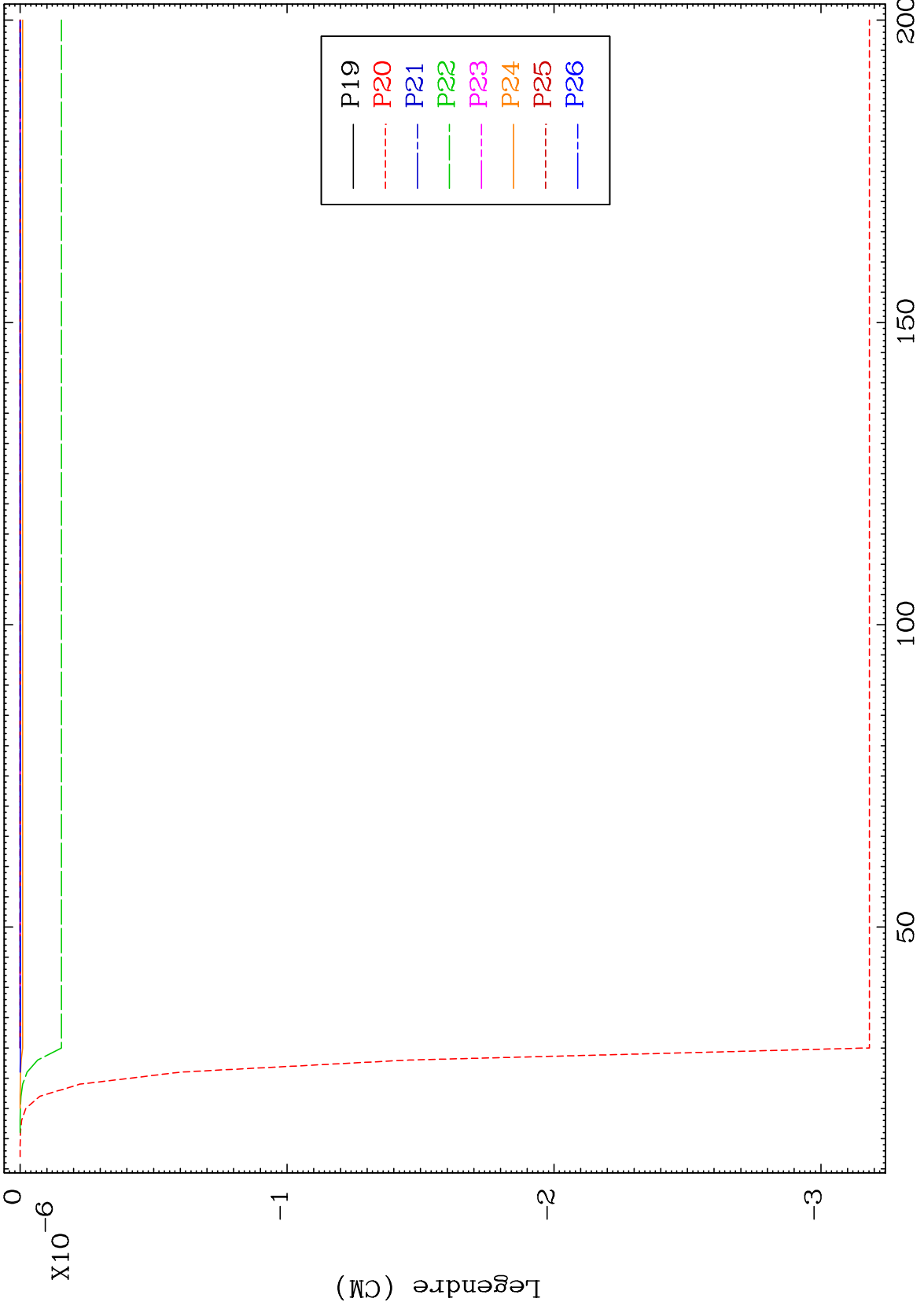
55-Cs-132



55-Cs-132

31

MAT 5522 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-132

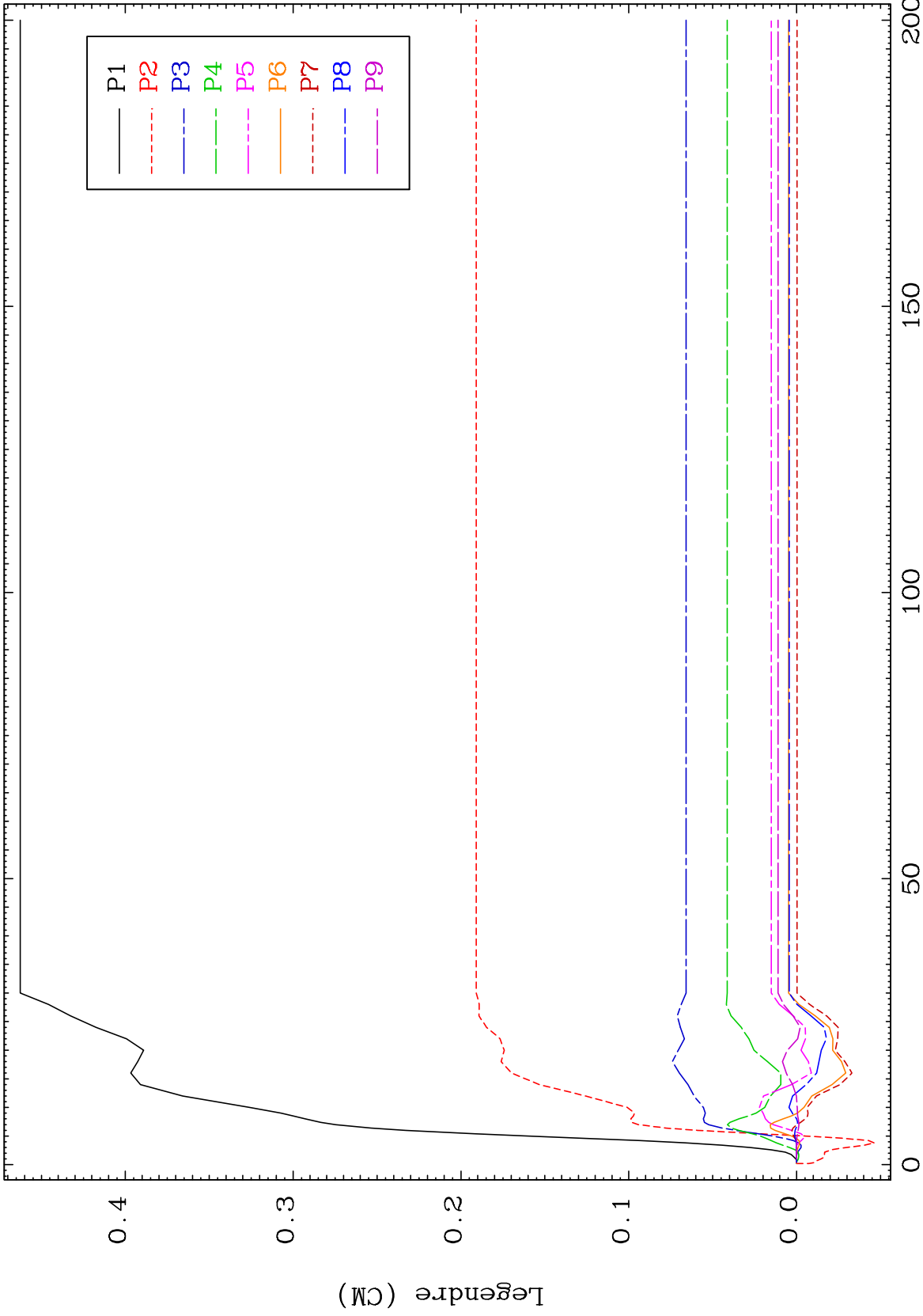


32 Incident Energy (MeV) 55-Cs-132

MAT 5522

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

55-Cs-132



33

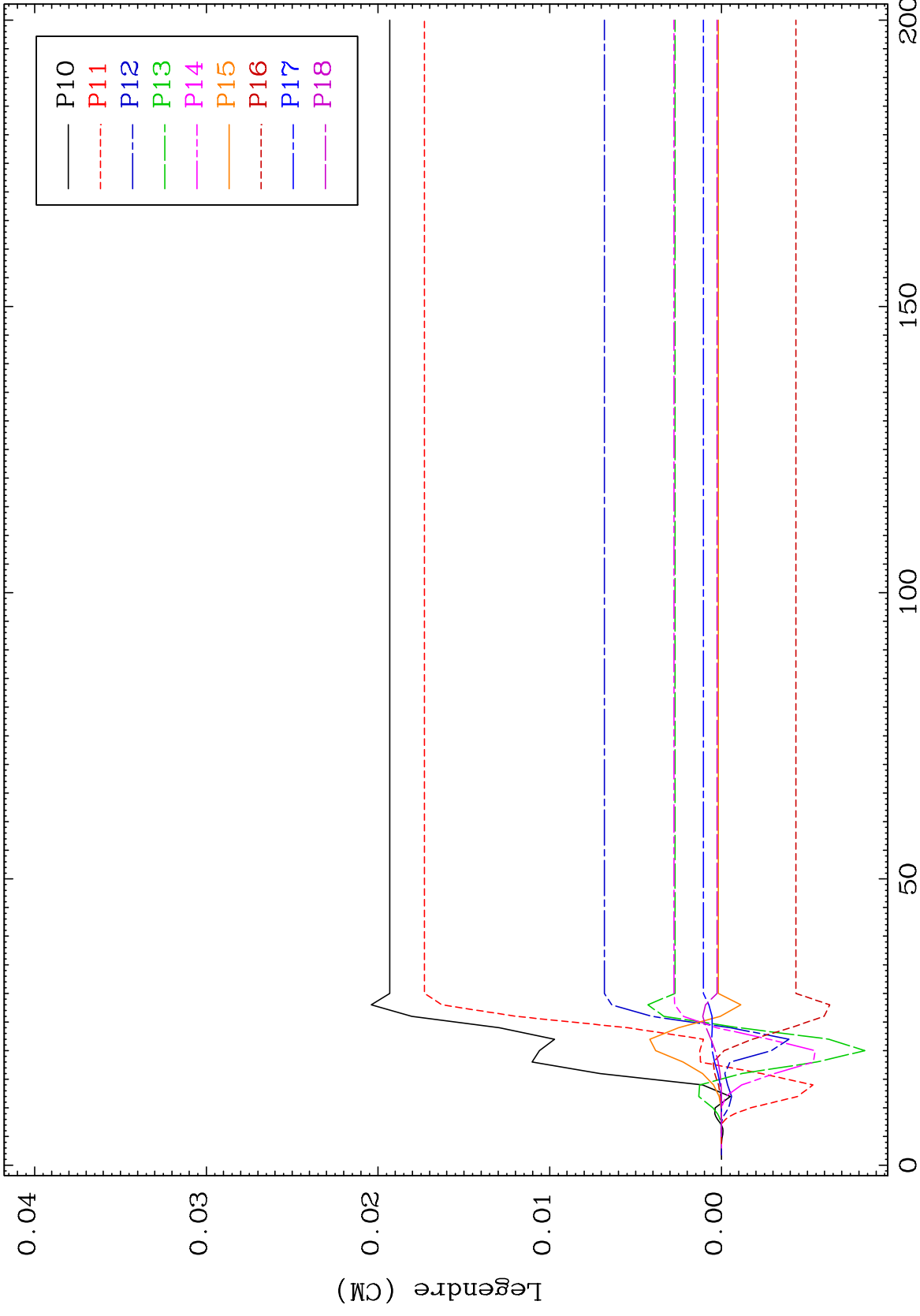
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132

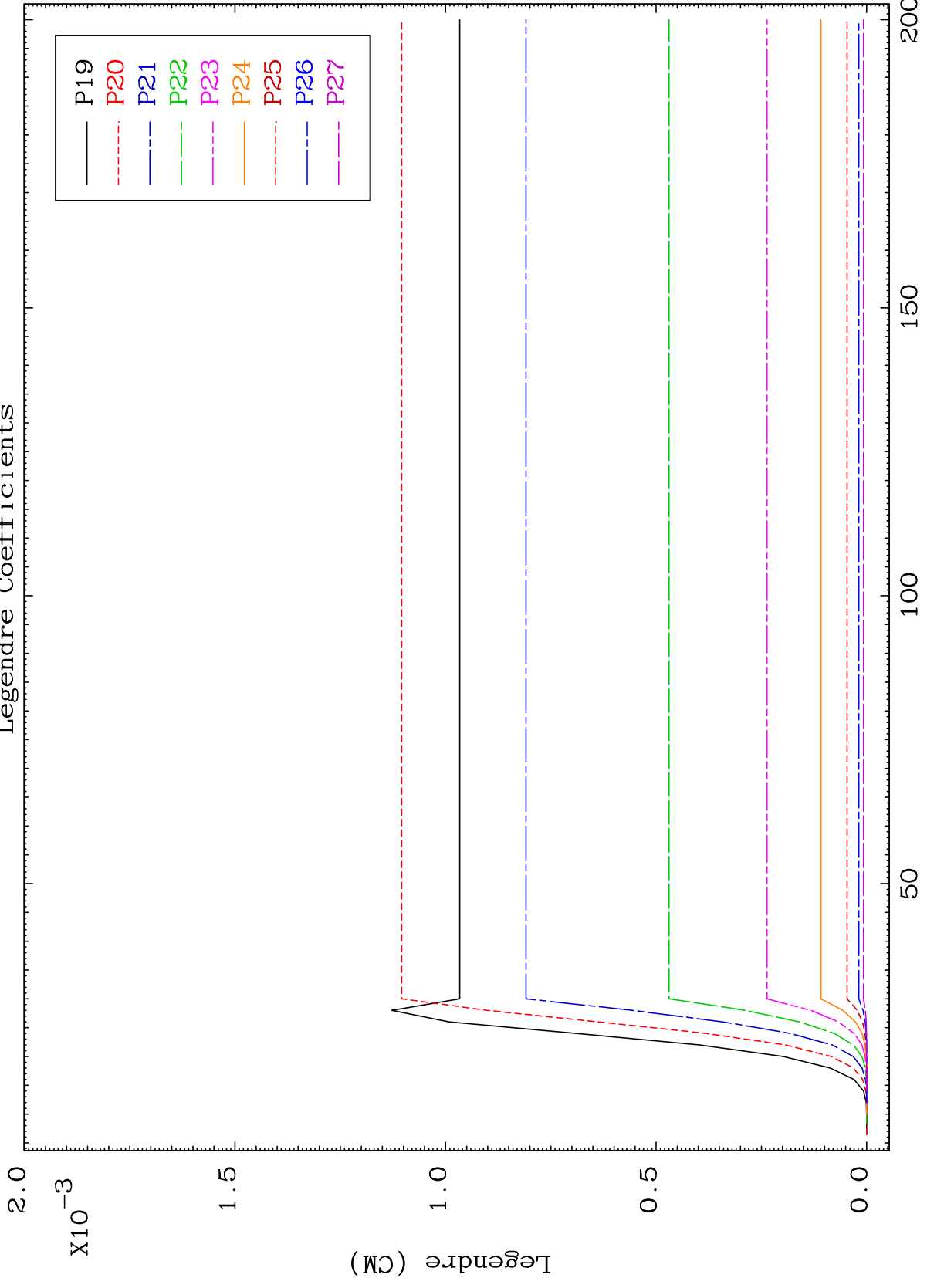


34

Incident Energy (MeV)

55-Cs-132

MAT 5522 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-132

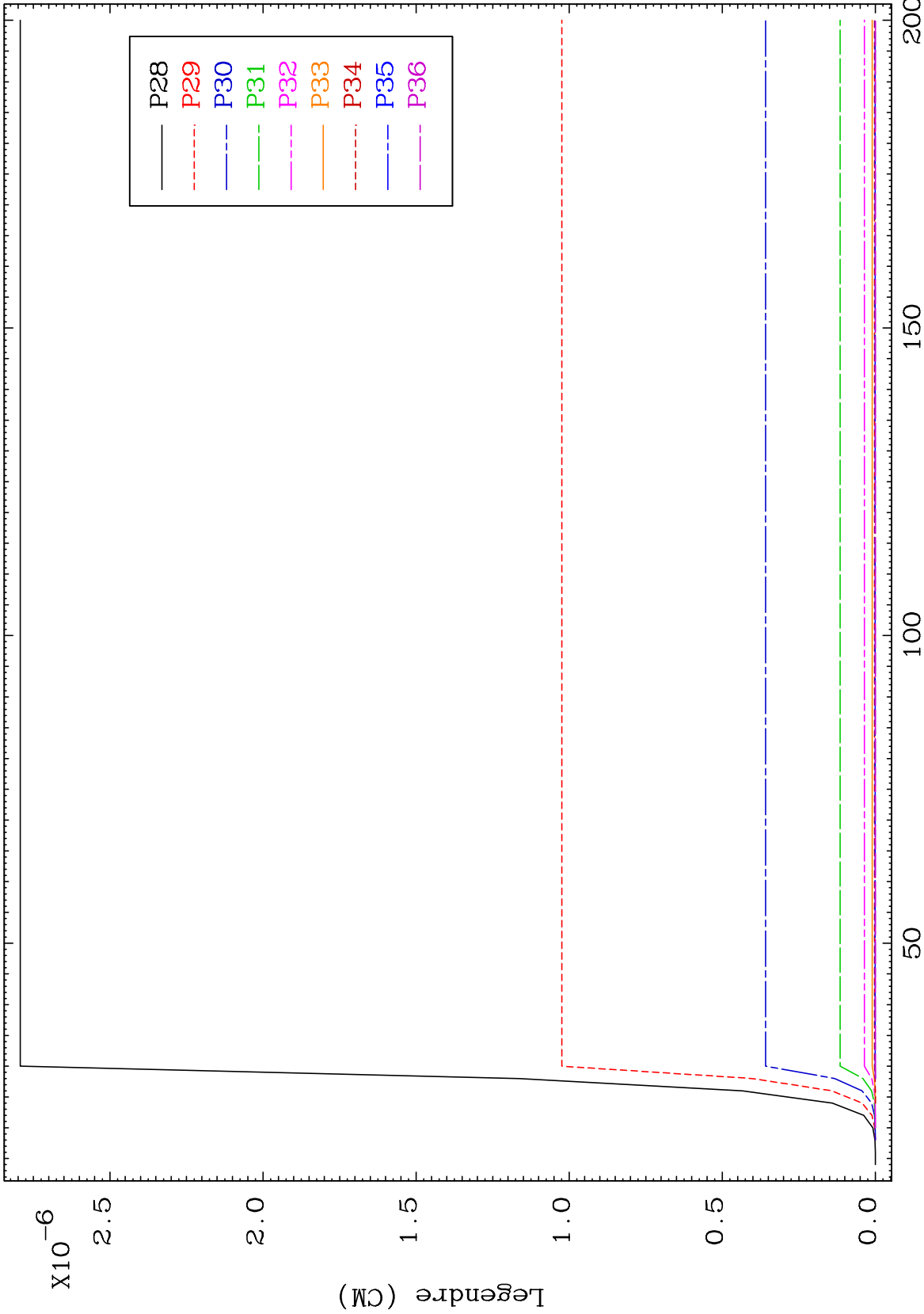


35 Incident Energy (MeV) 55-Cs-132

MAT 5522

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

55-Cs-132

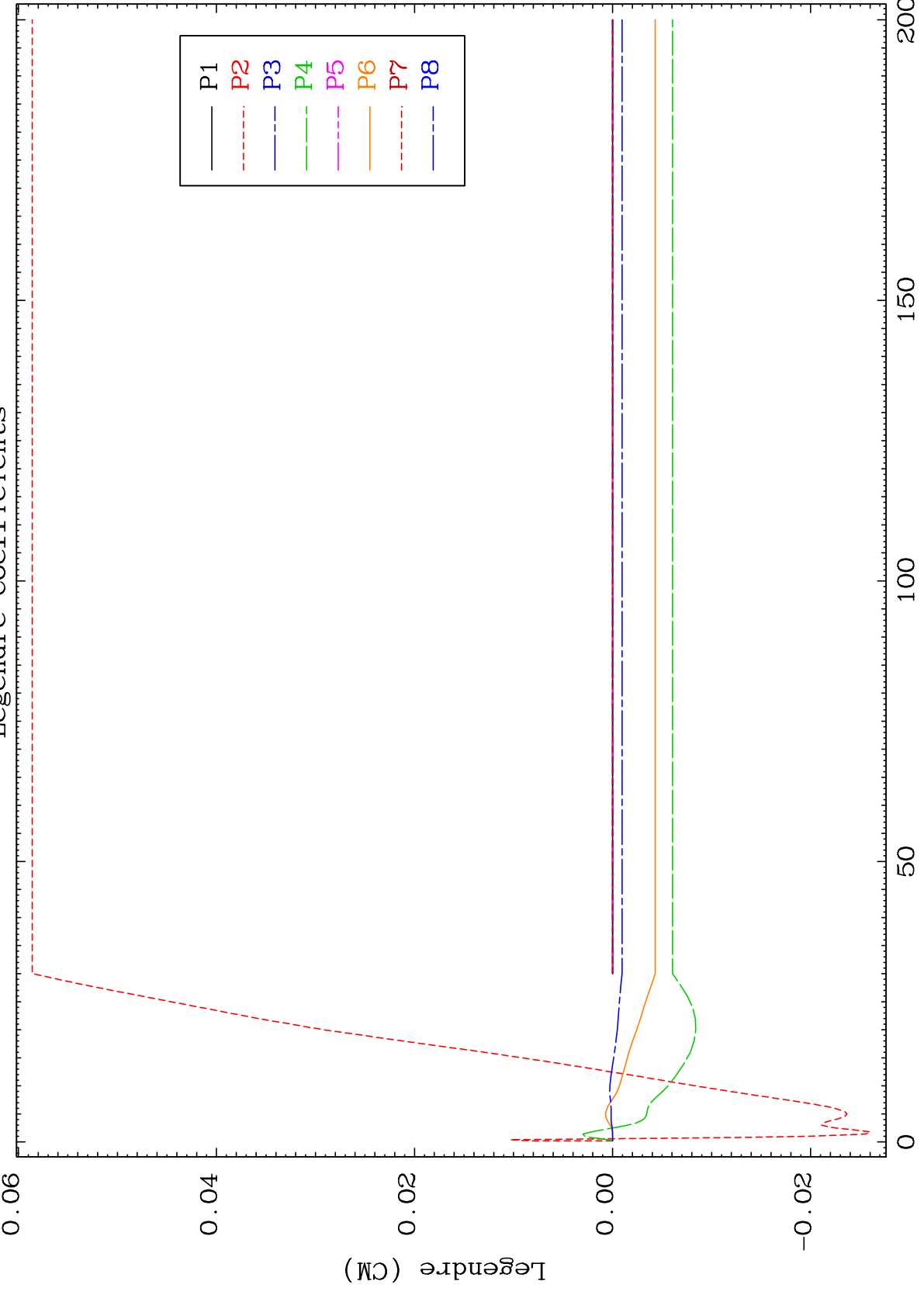


36

Incident Energy (MeV)

55-Cs-132

MAT 5522 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-132

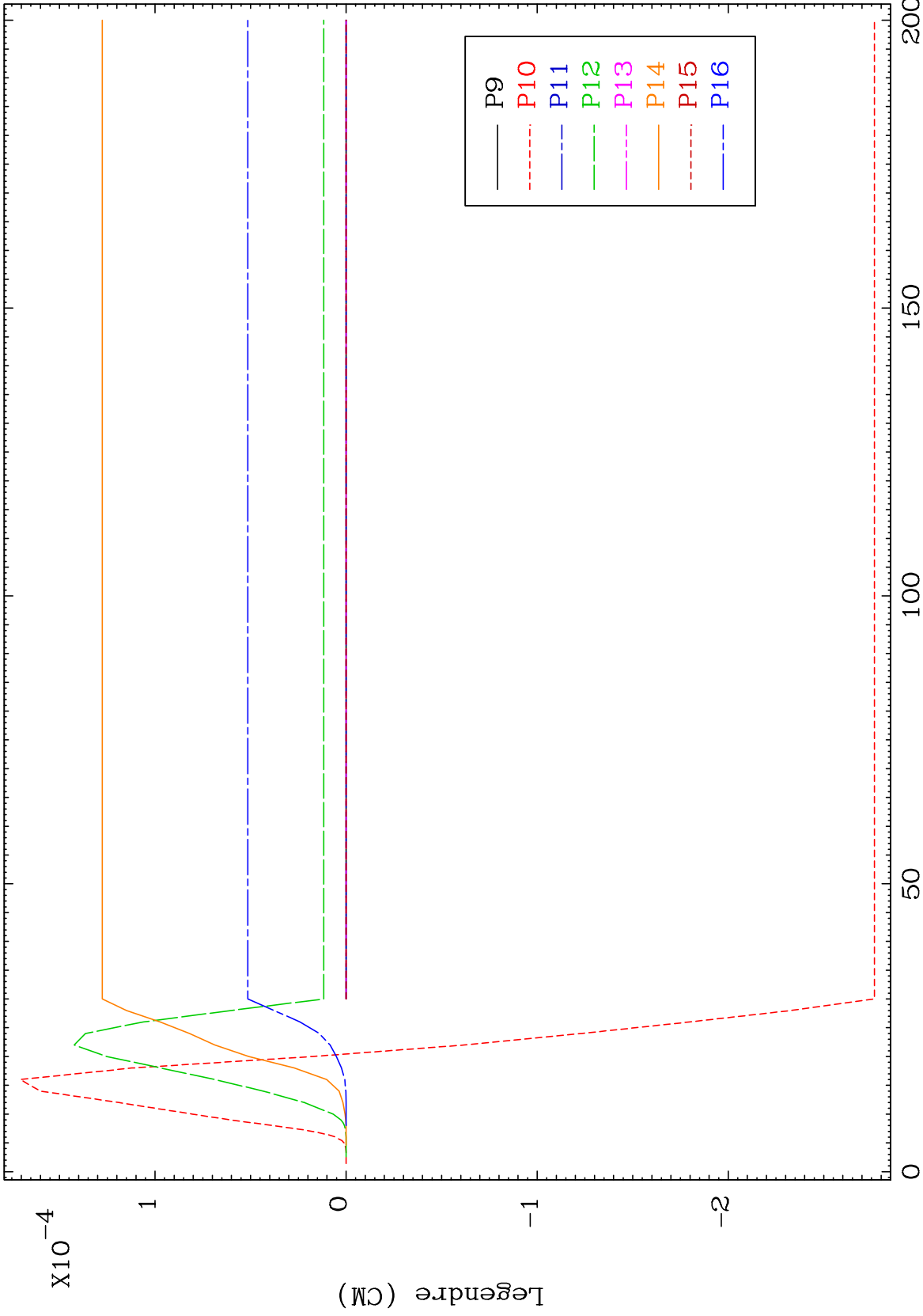


37 Incident Energy (MeV) 55-Cs-132

MAT 5522

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

55-Cs-132

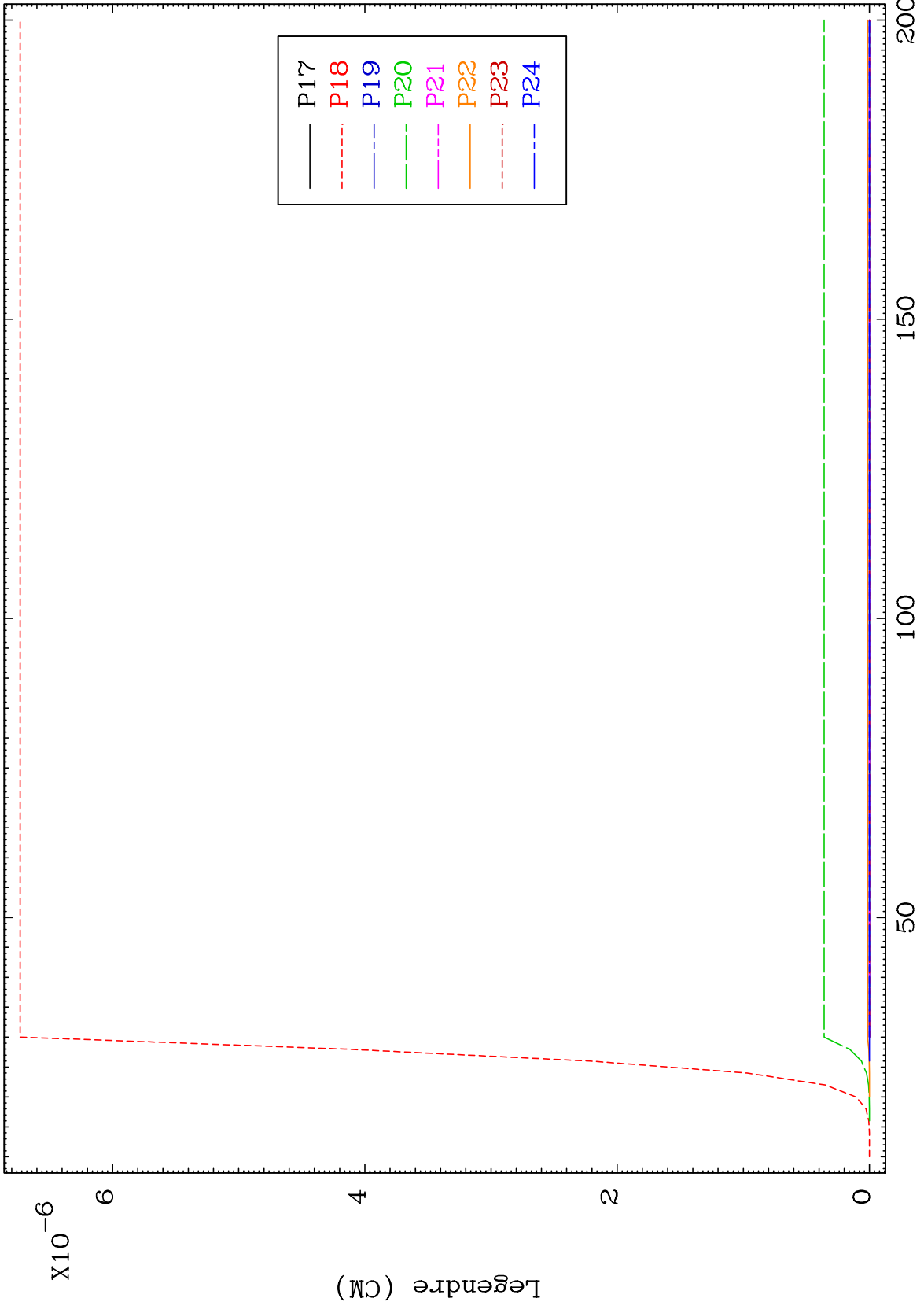


38

Incident Energy (MeV)

55-Cs-132

MAT 5522 MT= 56 (n,n') Level Legendre Coefficients 55-Cs-132

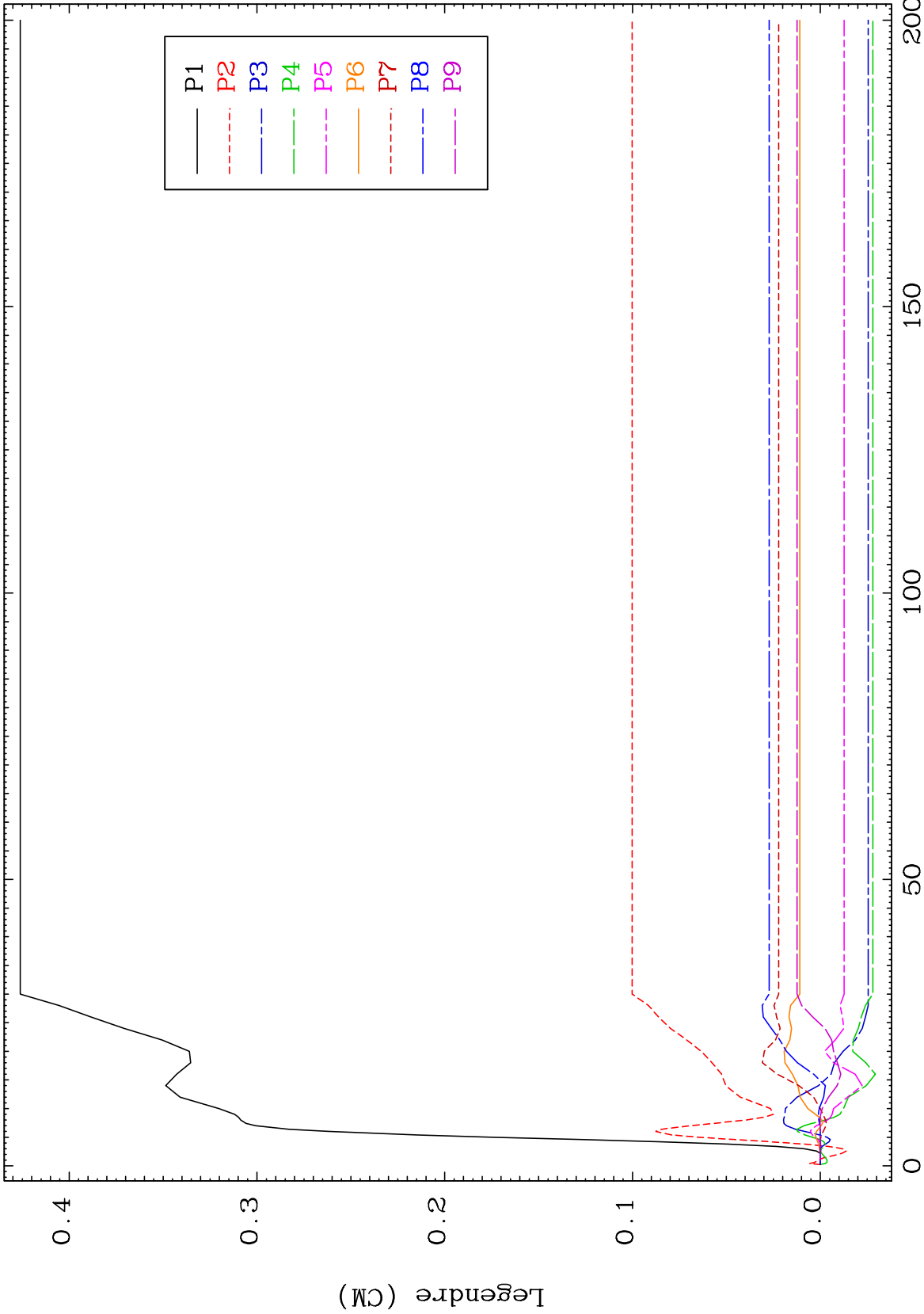


39 Incident Energy (MeV) 55-Cs-132

MAT 5522

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

55-Cs-132

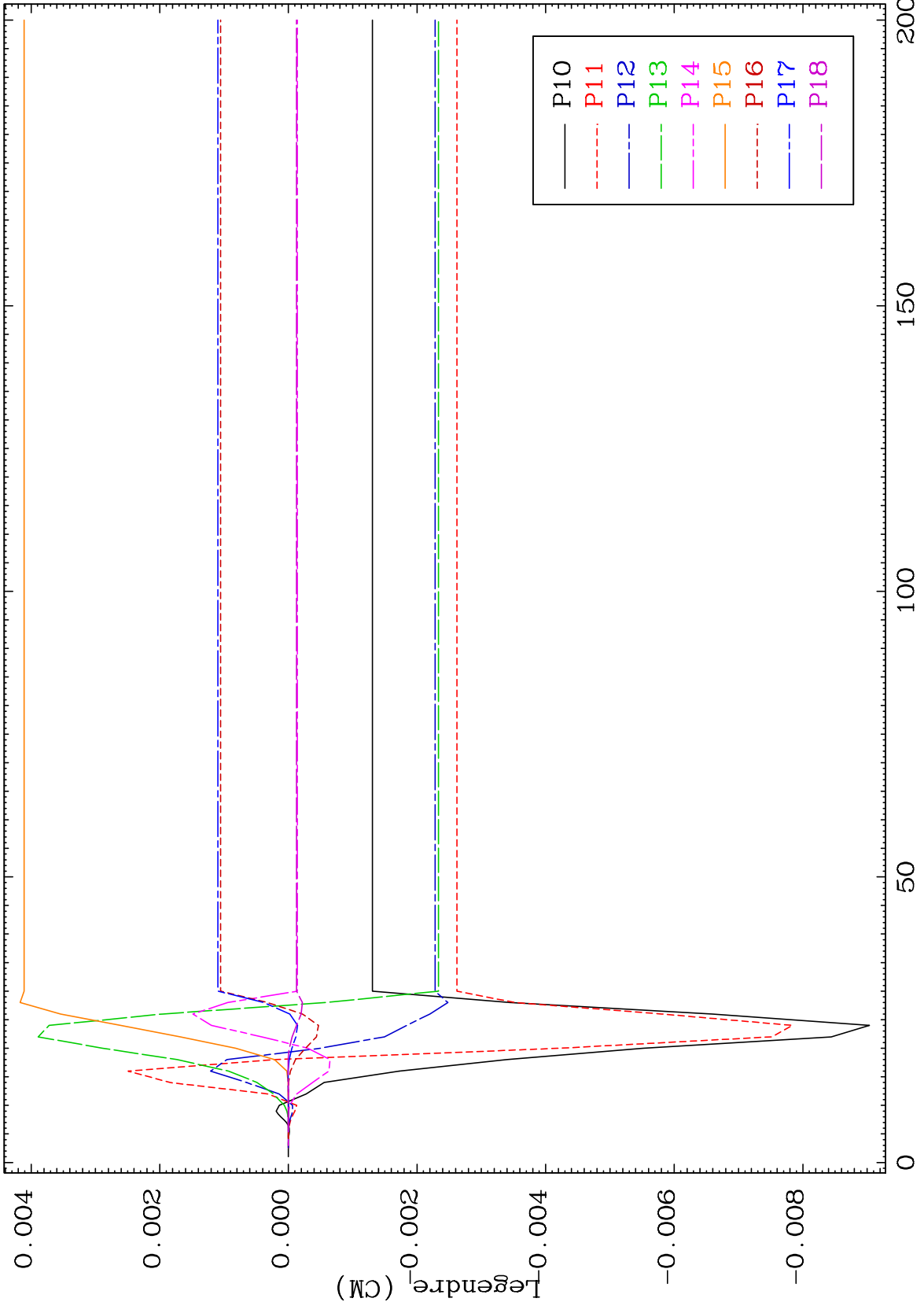


40

Incident Energy (MeV)

55-Cs-132

MAT 5522 MT= 57 (n,n') Level Legendre Coefficients 55-Cs-132

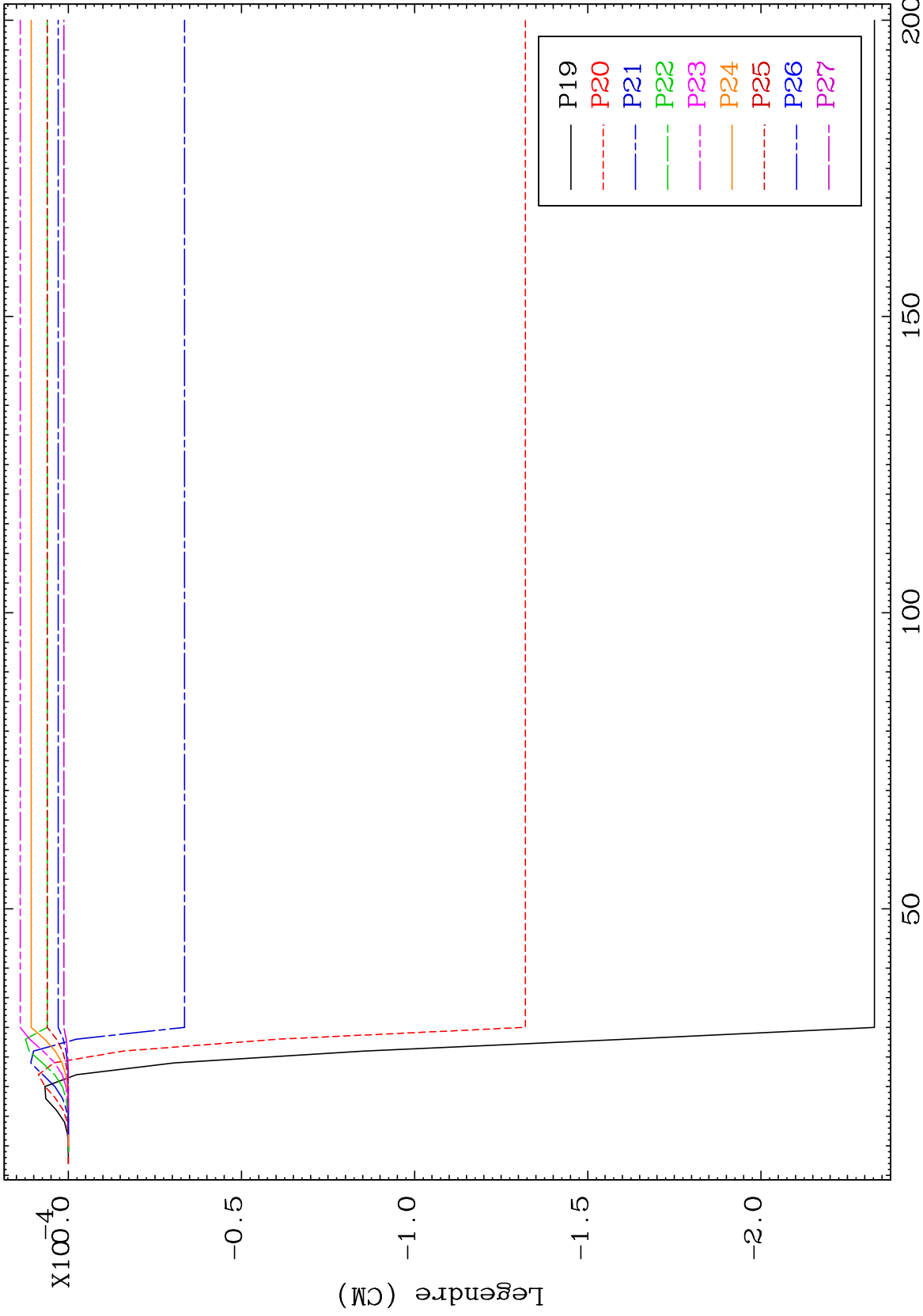


41 55-Cs-132

MAT 5522

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

55-Cs-132



42

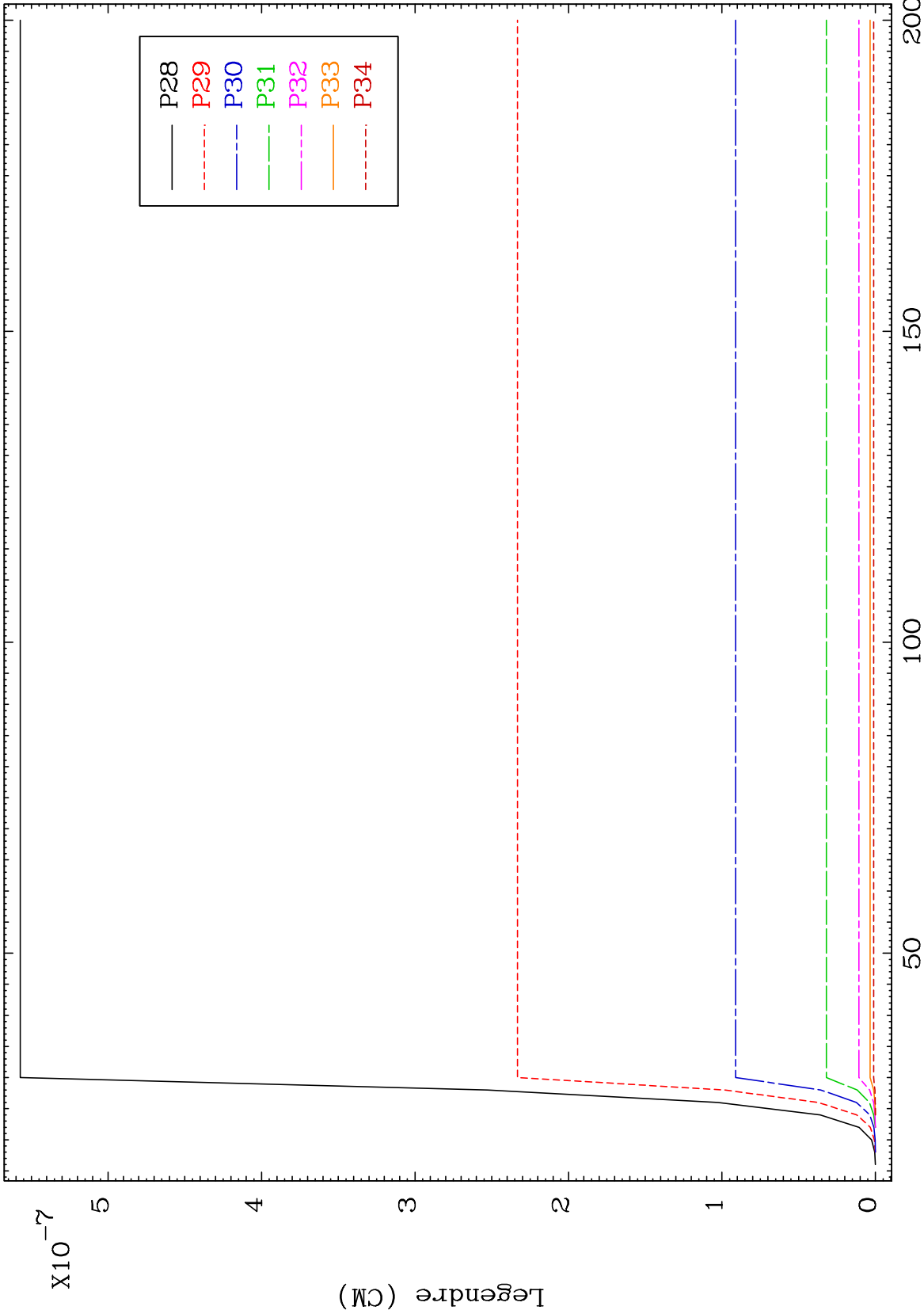
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



43

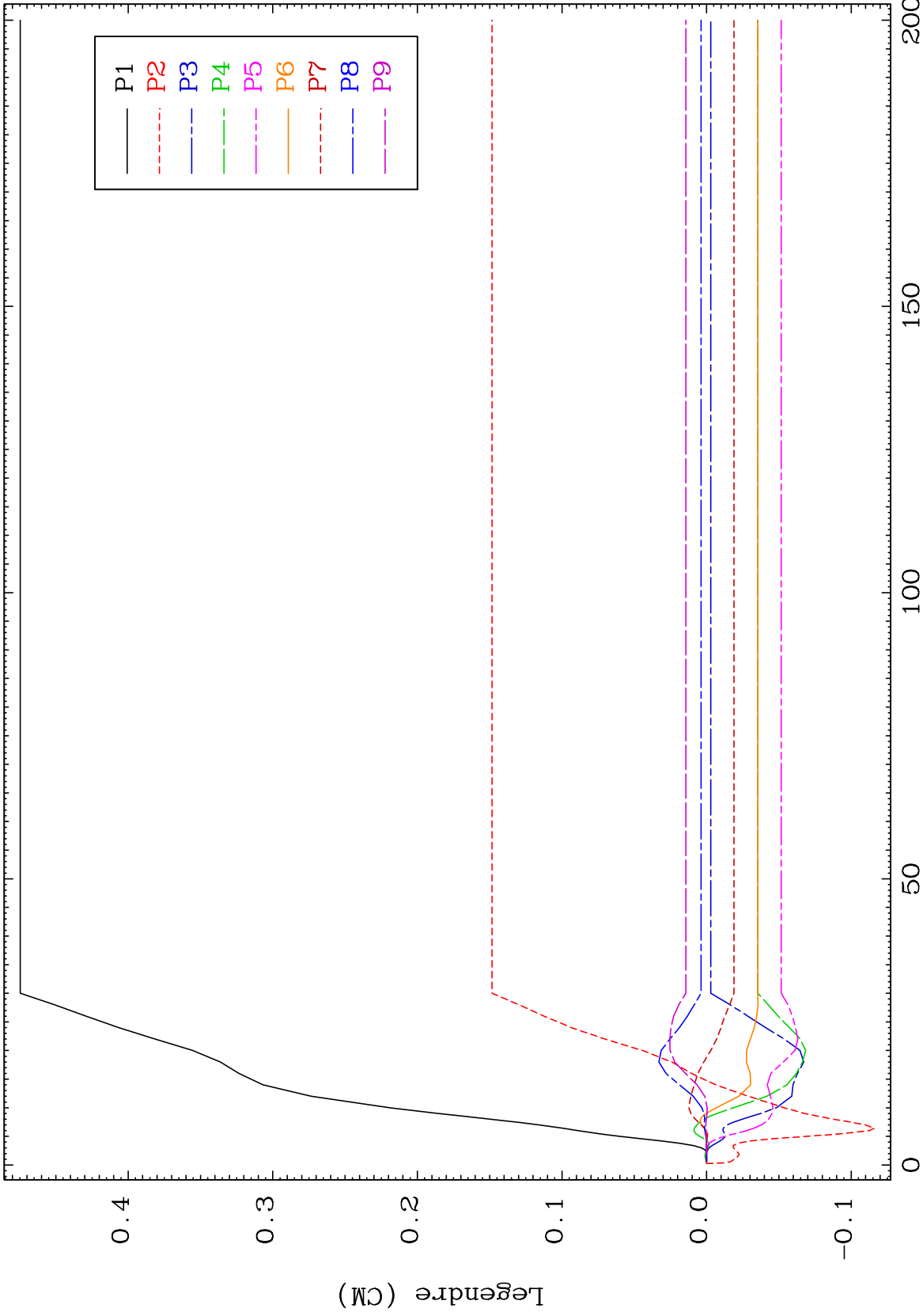
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



44

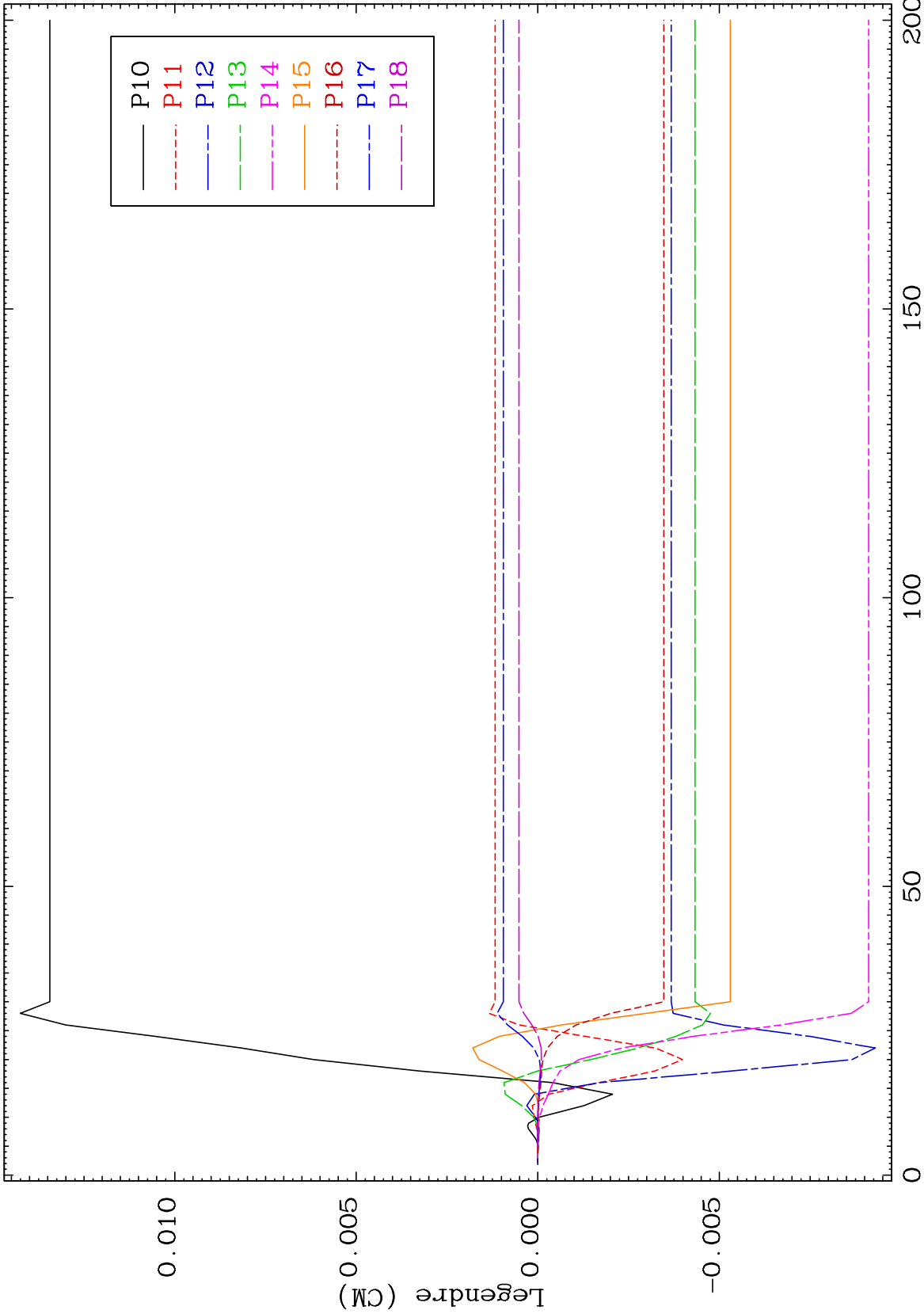
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



45

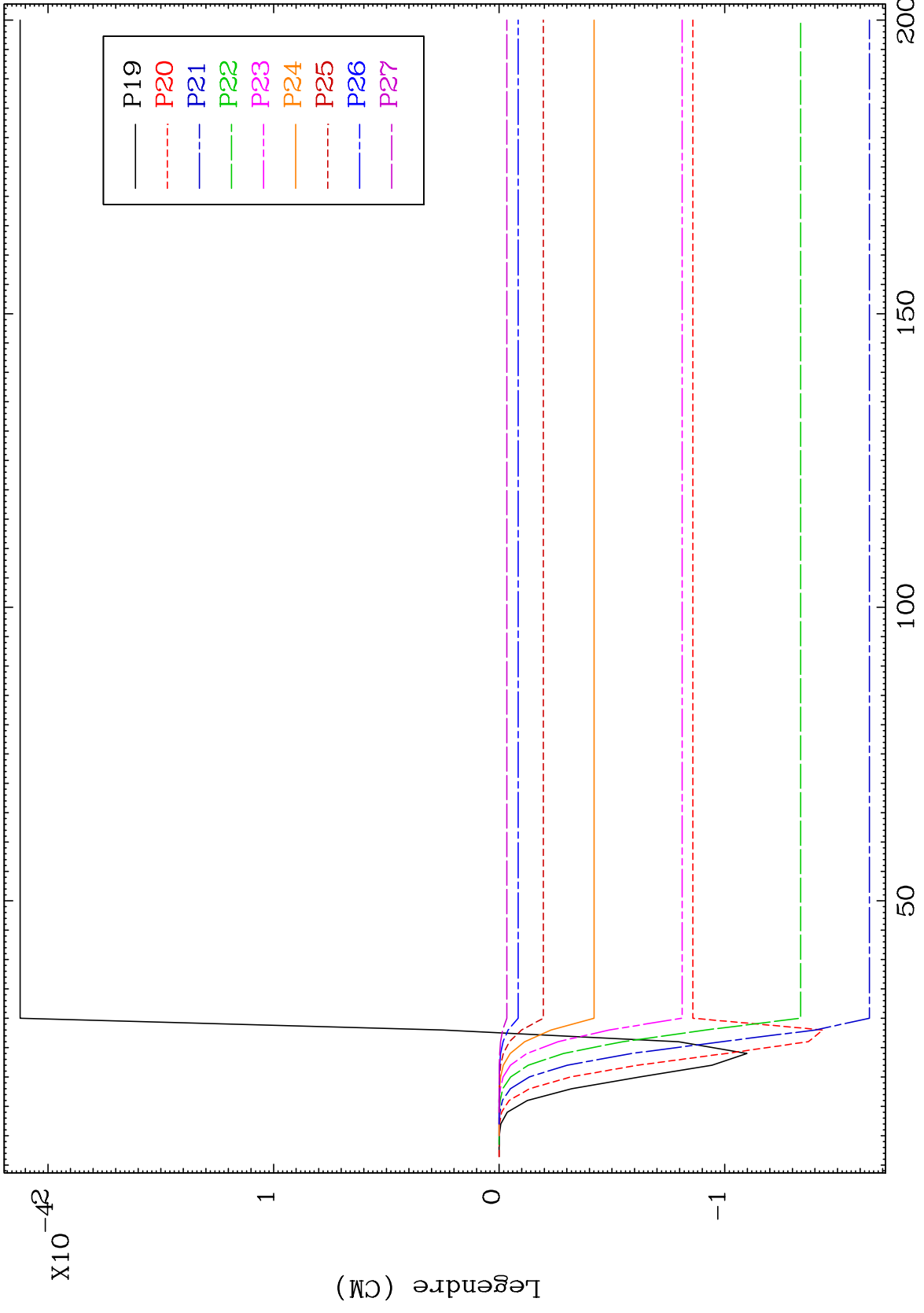
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



46

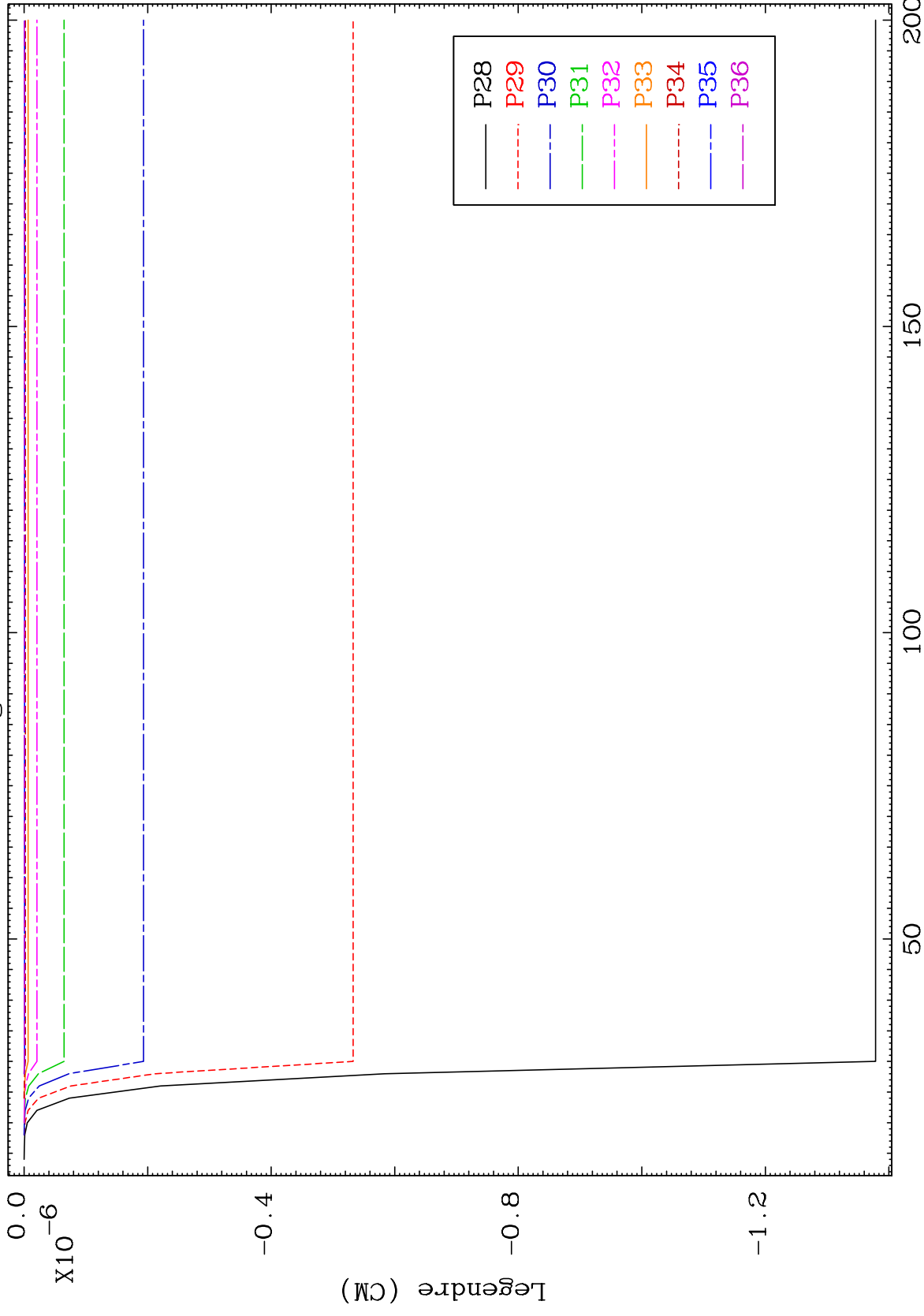
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132

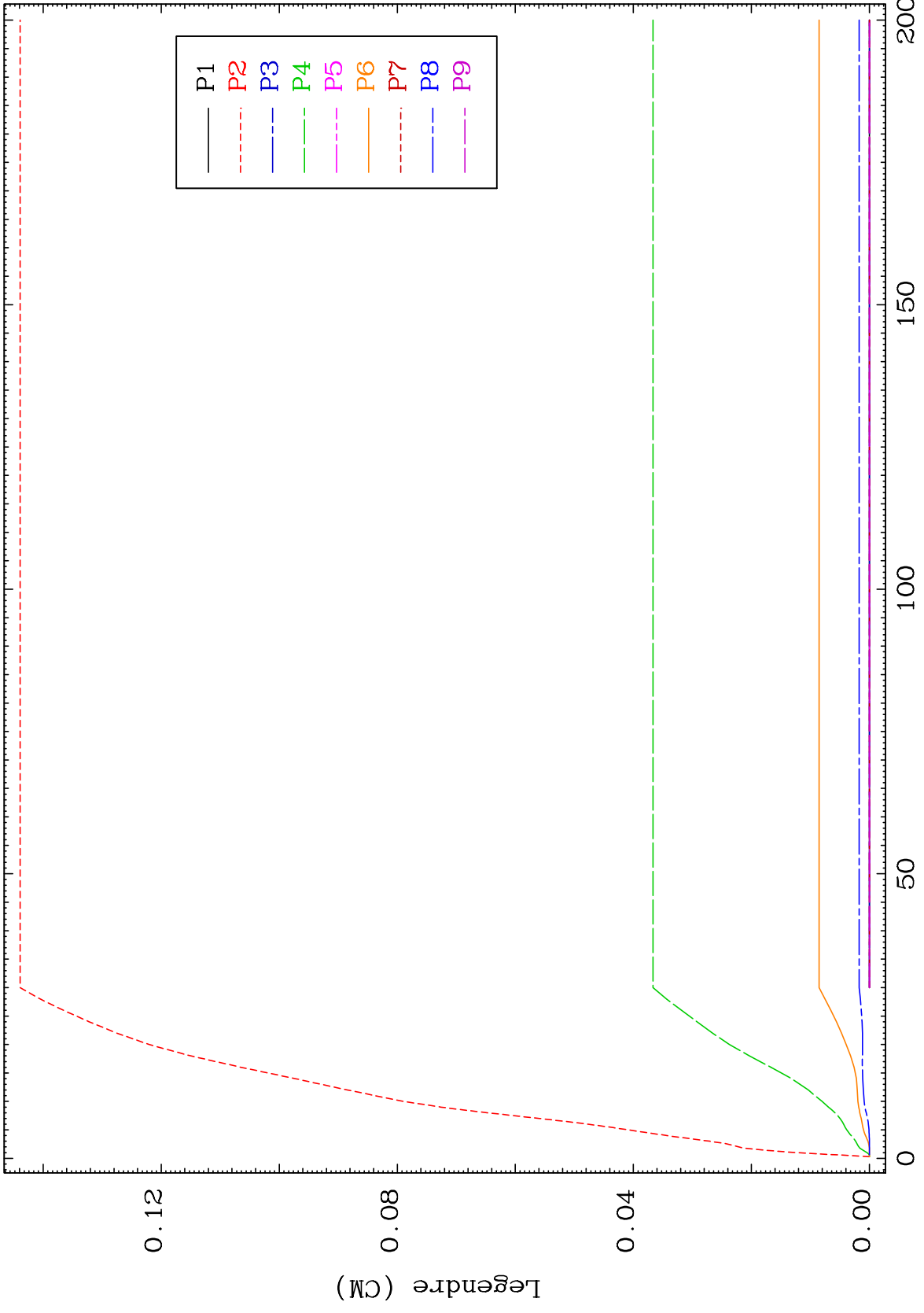


55-Cs-132

Incident Energy (MeV)

47

MAT 5522 MT= 59 (n,n') Level Legendre Coefficients 55-Cs-132

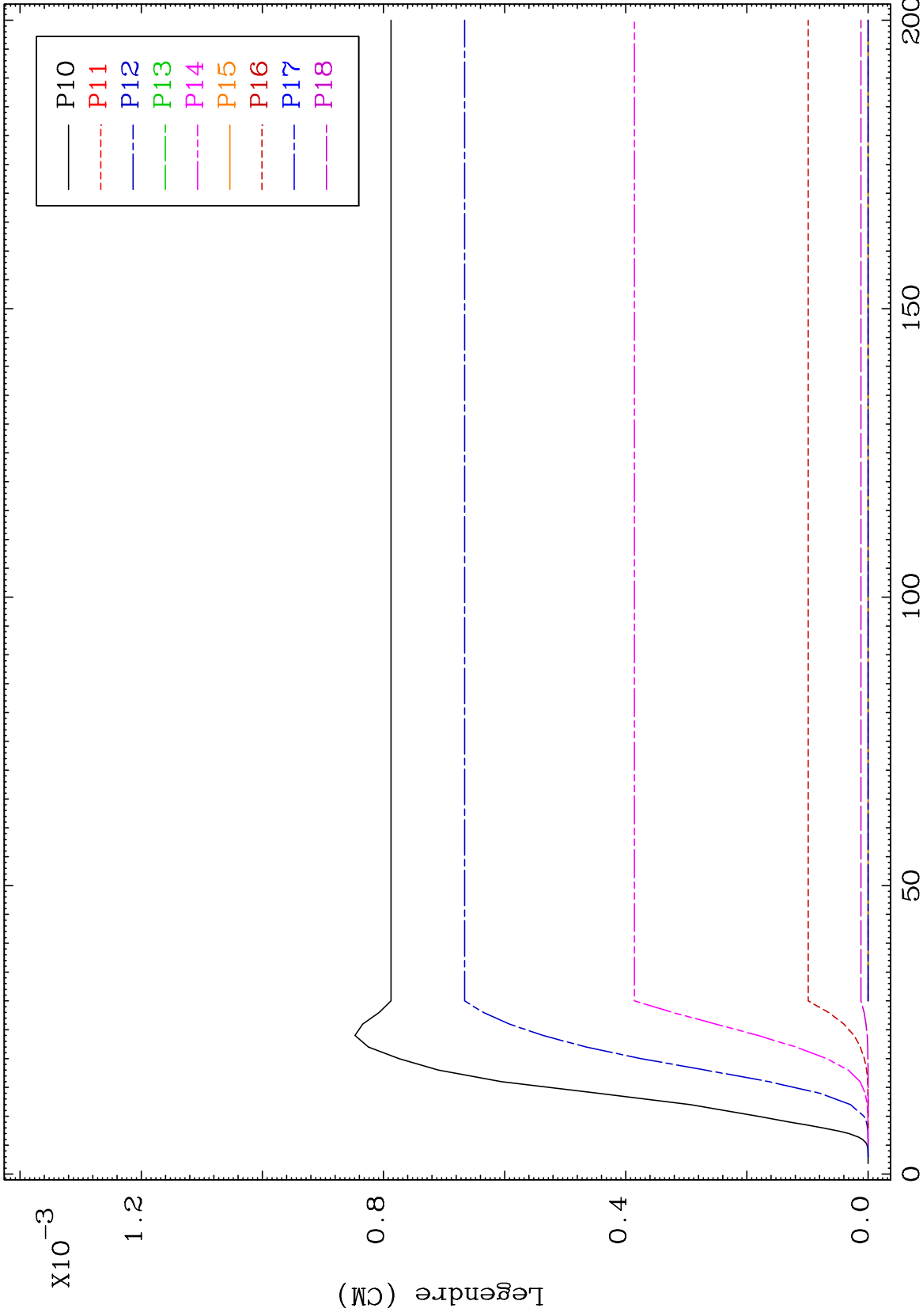


48 Incident Energy (MeV) 55-Cs-132

MAT 5522

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

55-Cs-132



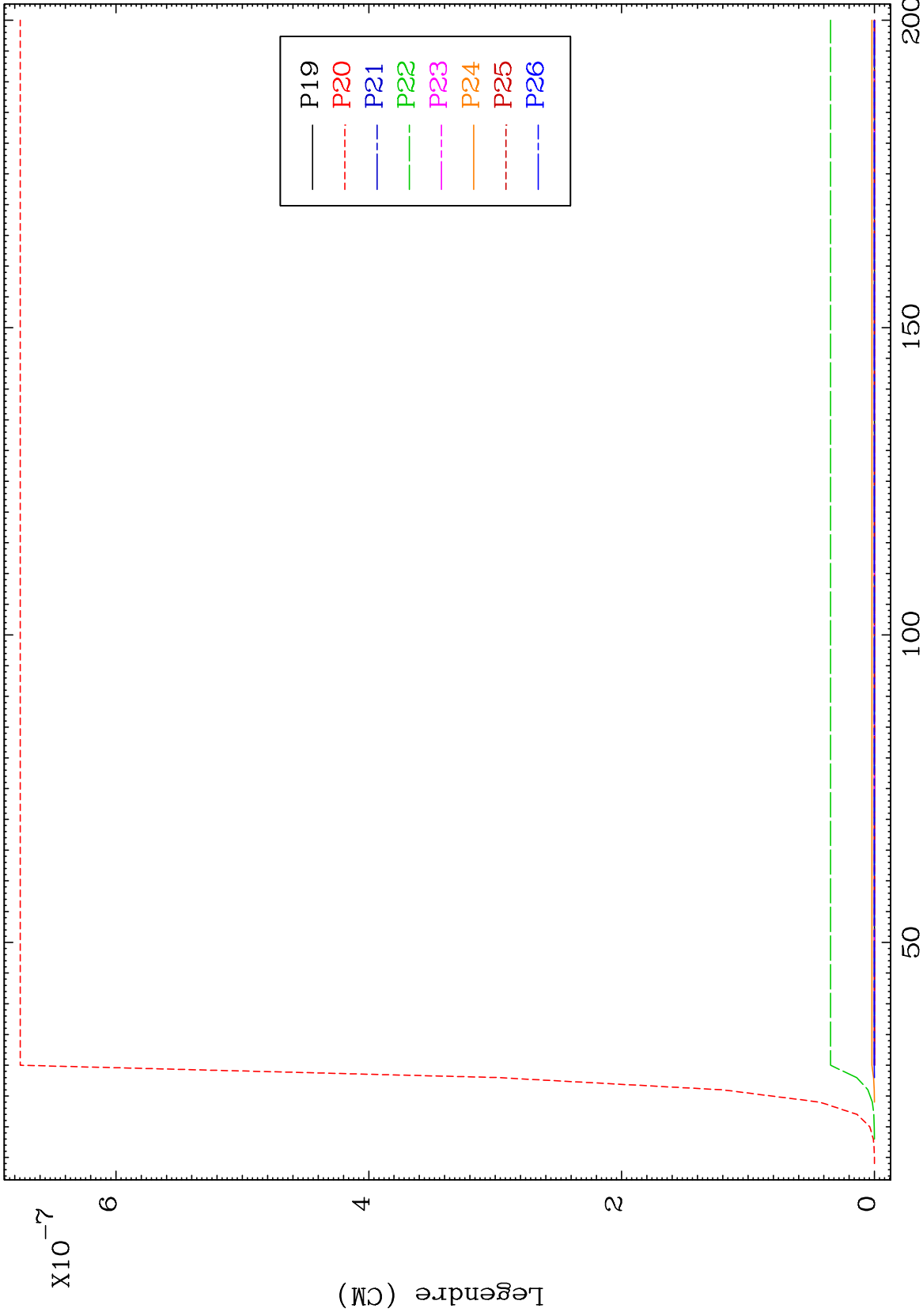
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55-Cs-132

MAT 5522

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

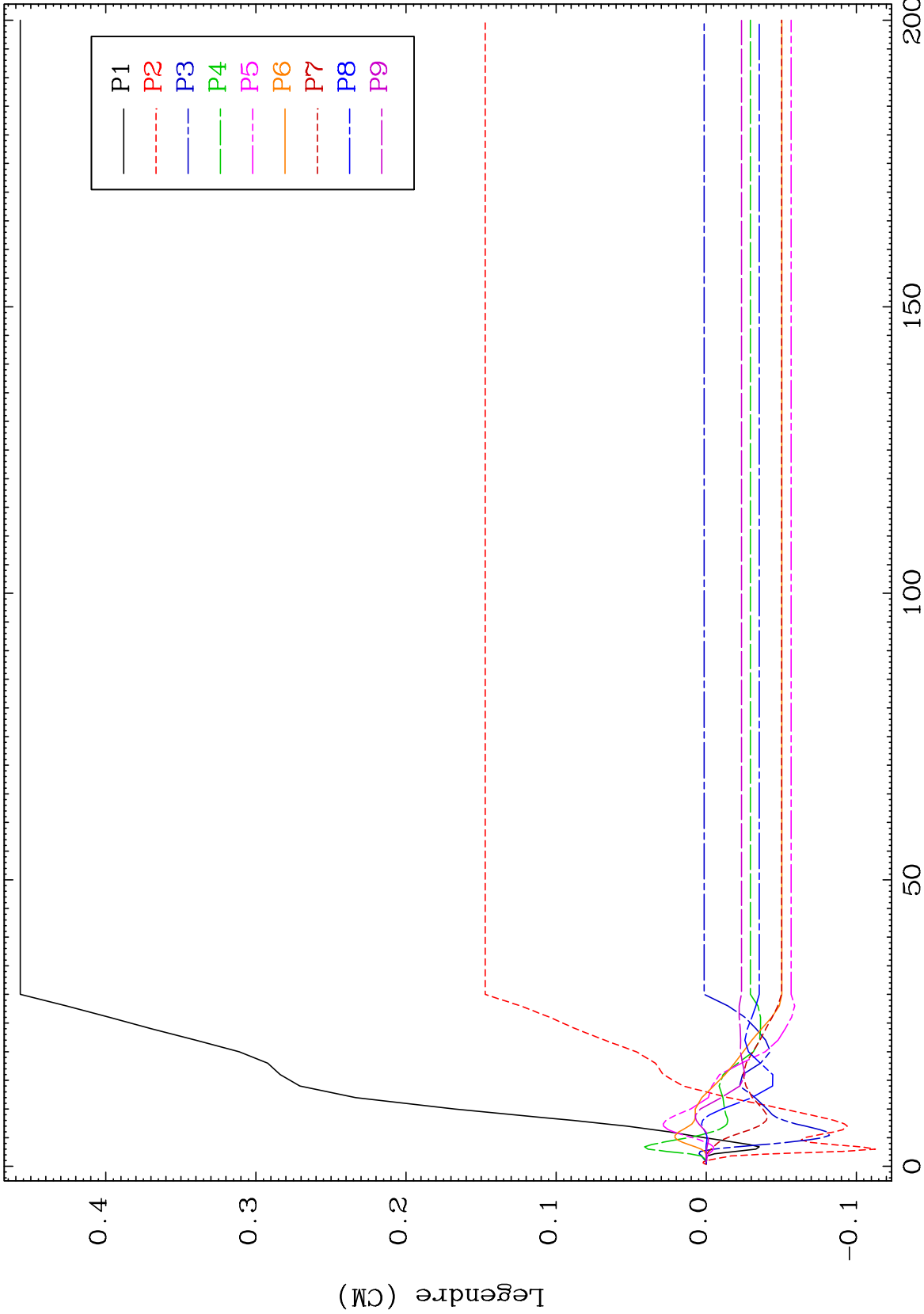
55-Cs-132



MAT 5522

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

55-Cs-132



51

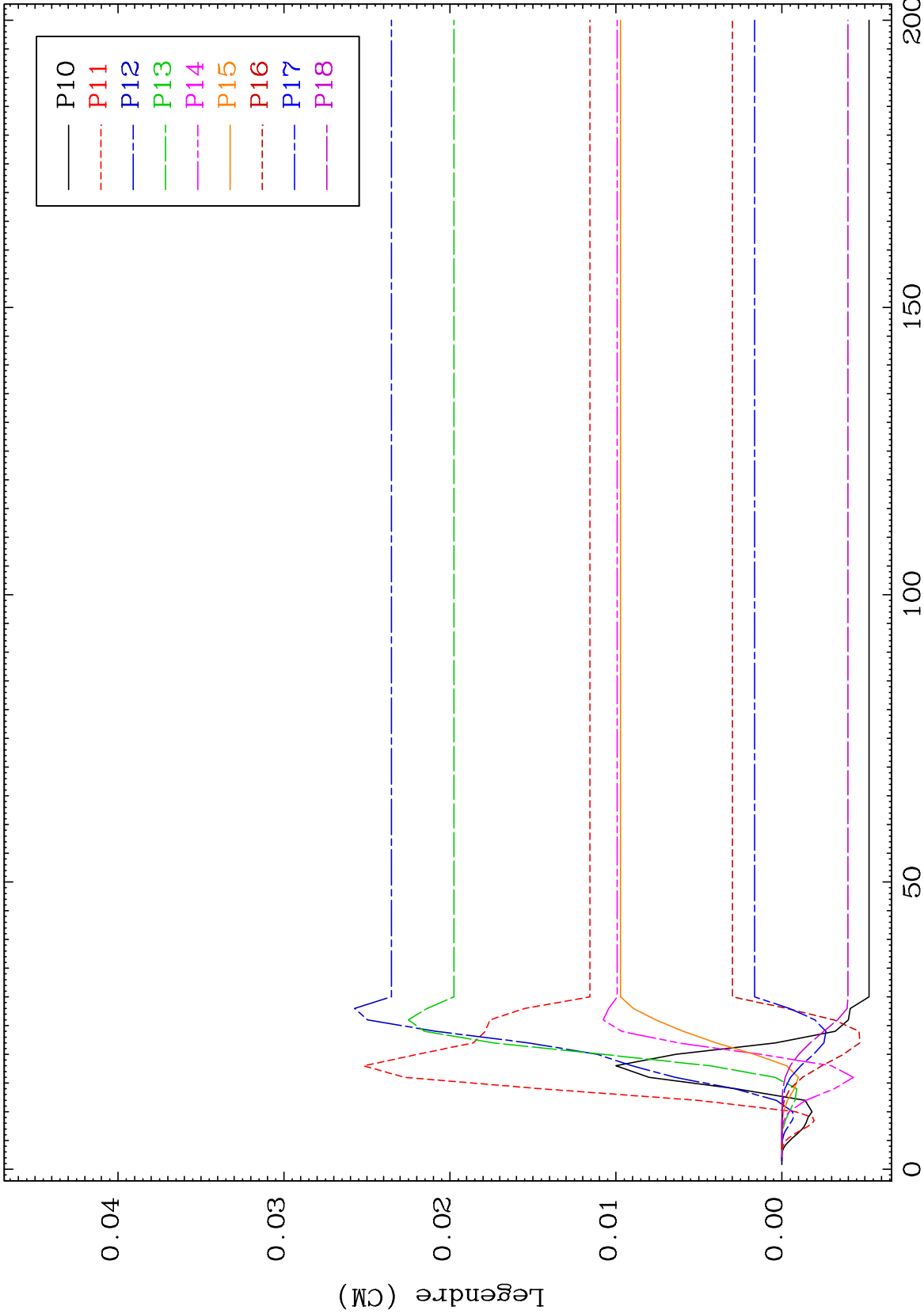
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



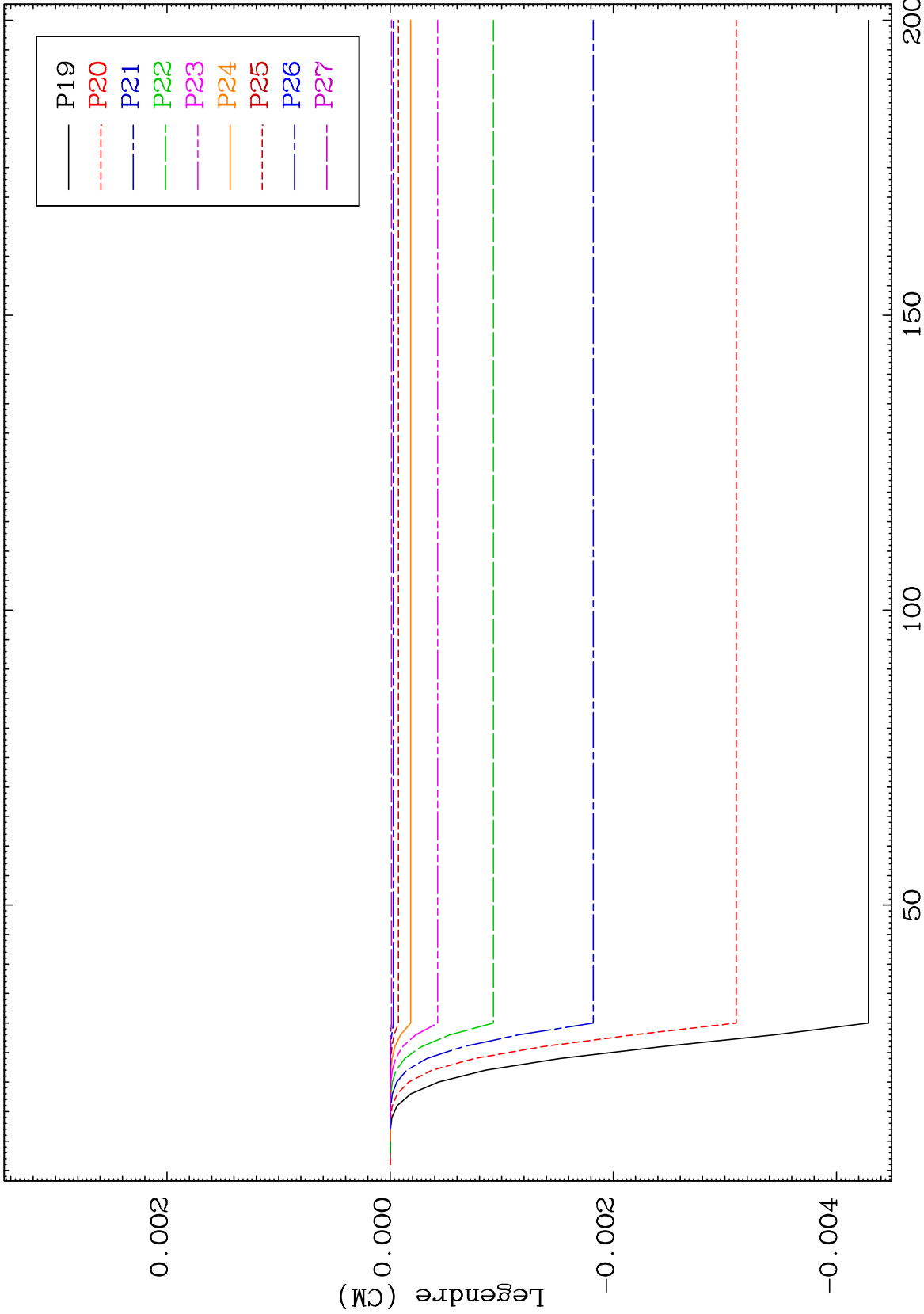
52

55-Cs-132

MAT 5522

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

55-Cs-132



53

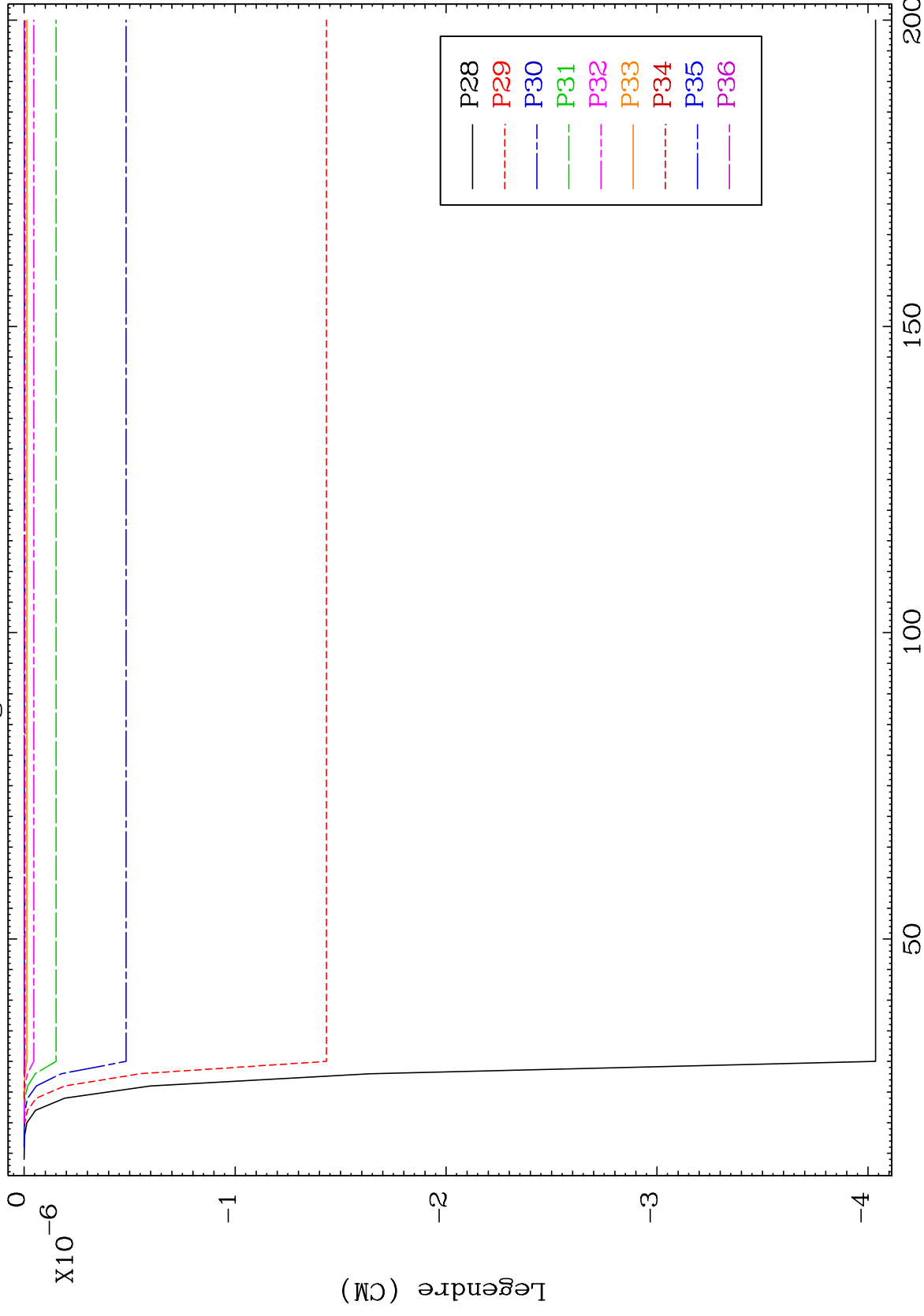
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



55-Cs-132

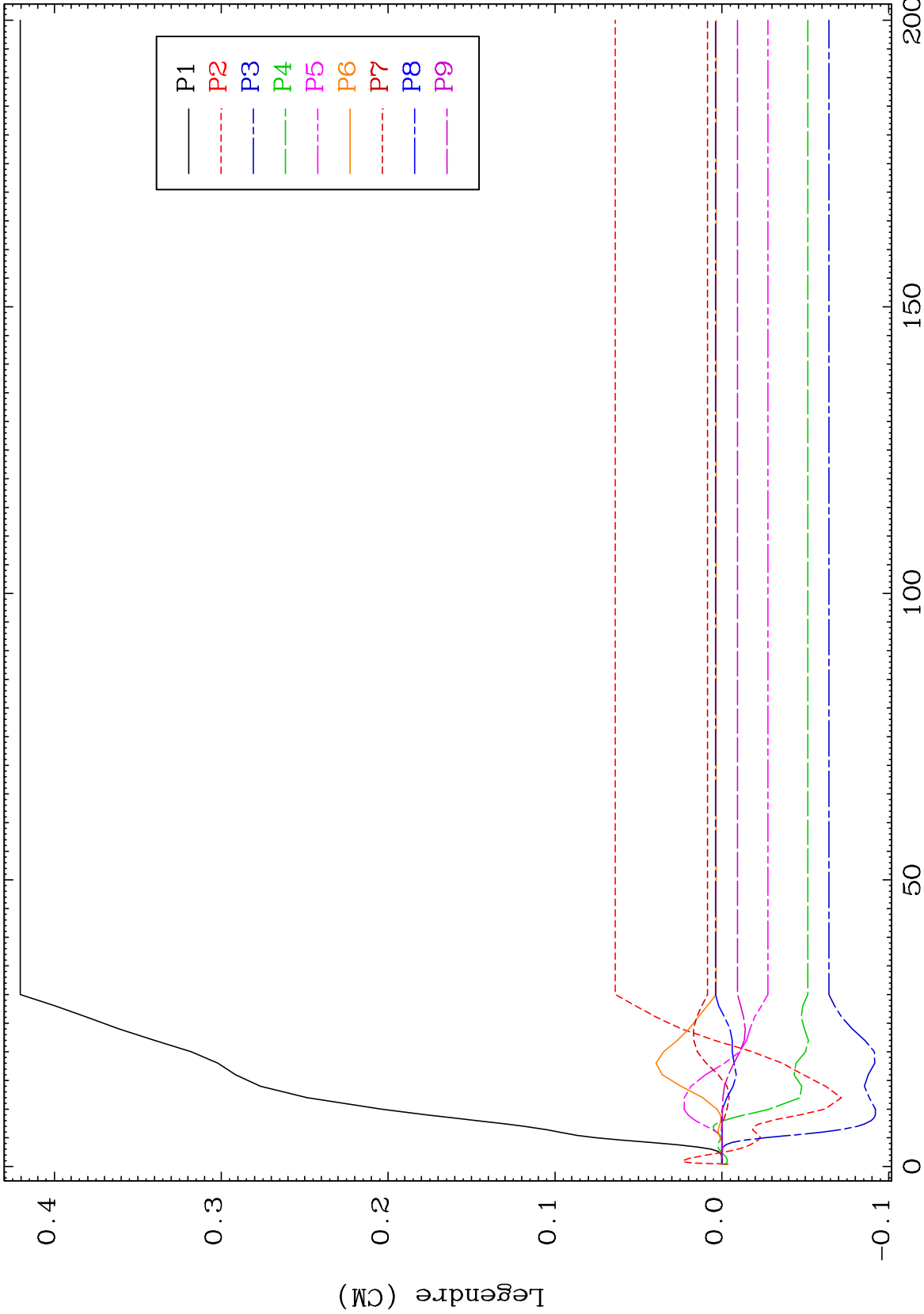
Incident Energy (MeV)

54

MAT 5522

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

55-Cs-132

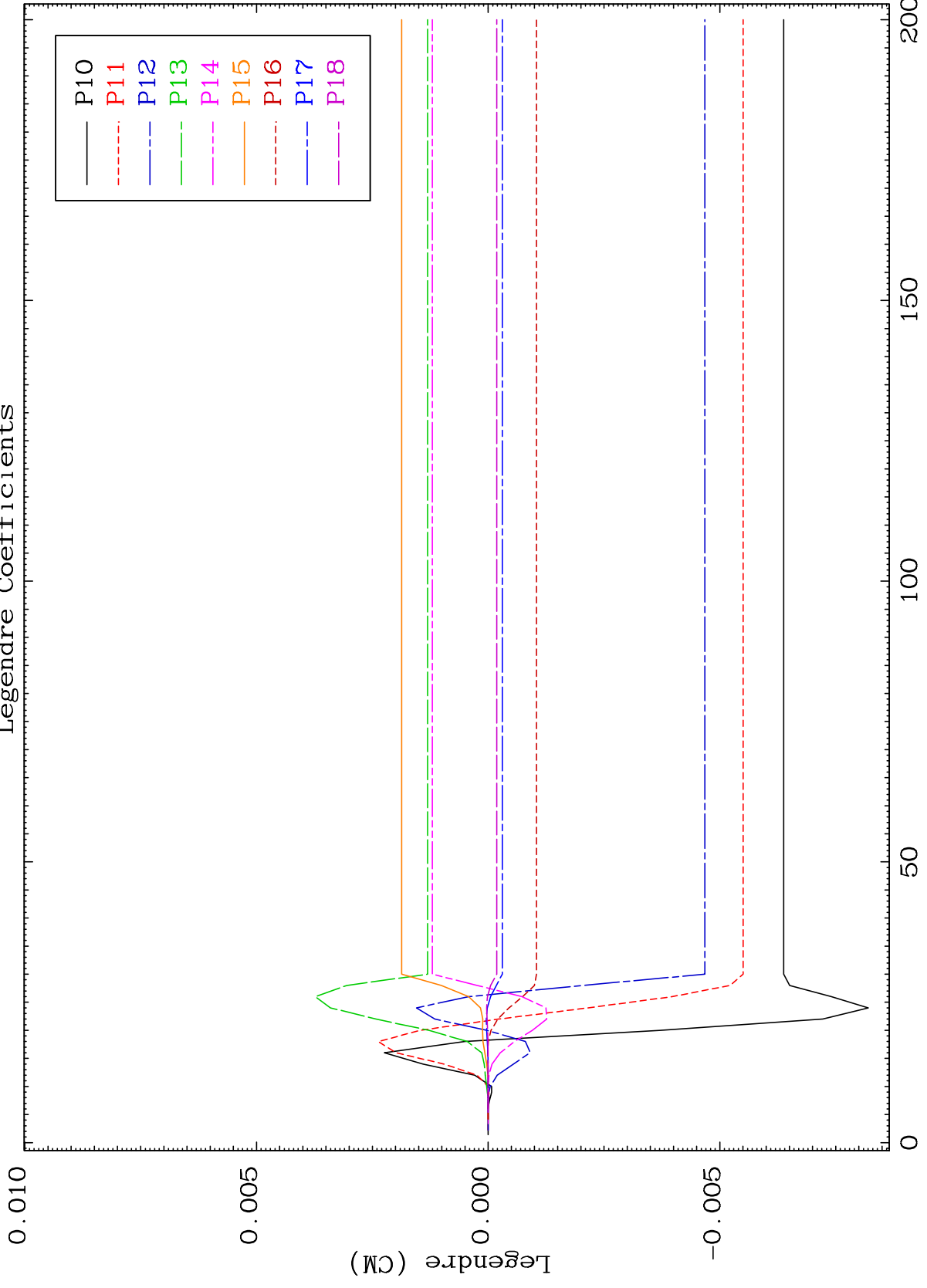


55-Cs-132

Incident Energy (MeV)

55

MAT 5522 MT= 61 (n,n') Level Legendre Coefficients 55-Cs-132

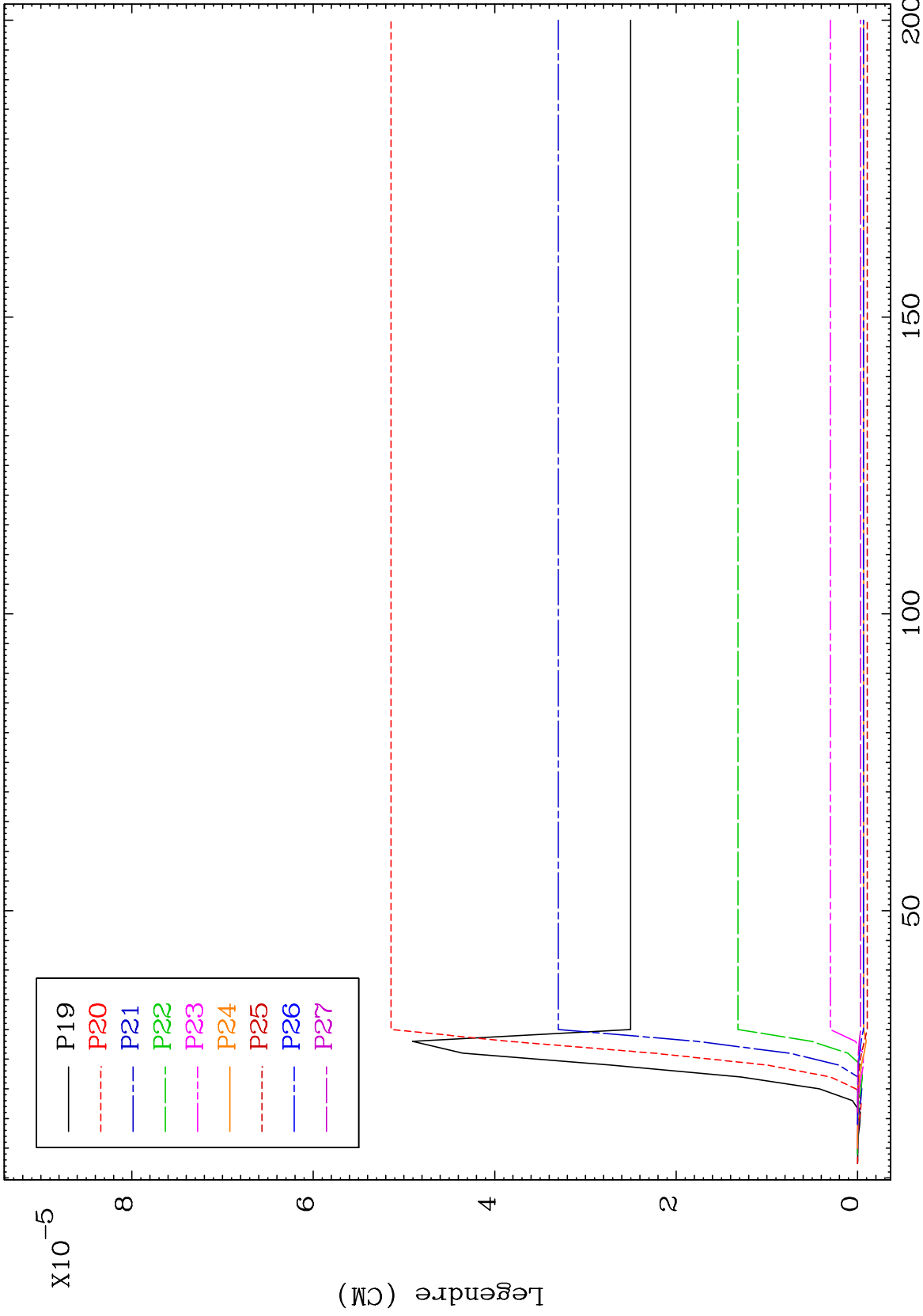


56 55-Cs-132

MAT 5522

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

55-Cs-132



57

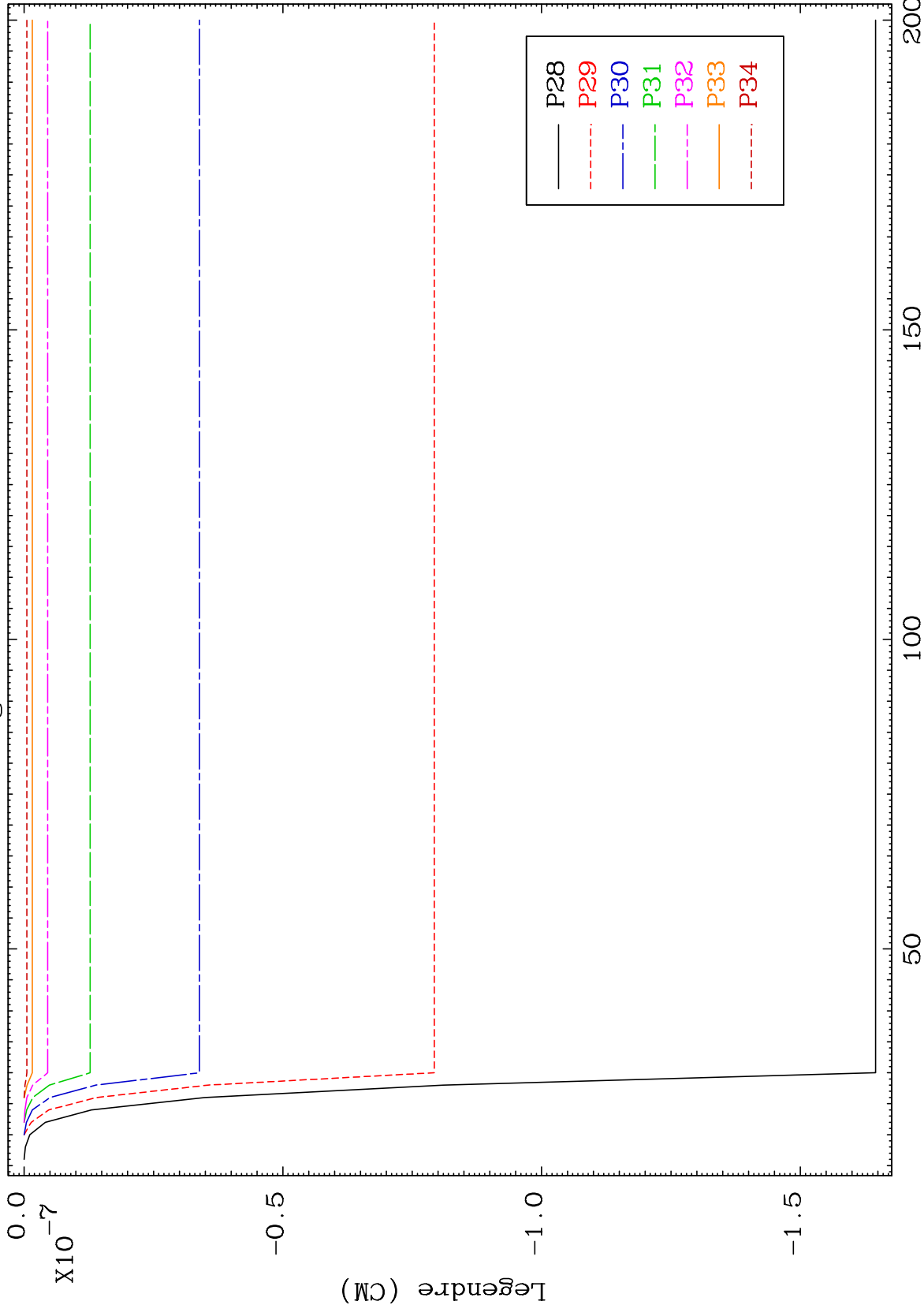
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



55-Cs-132

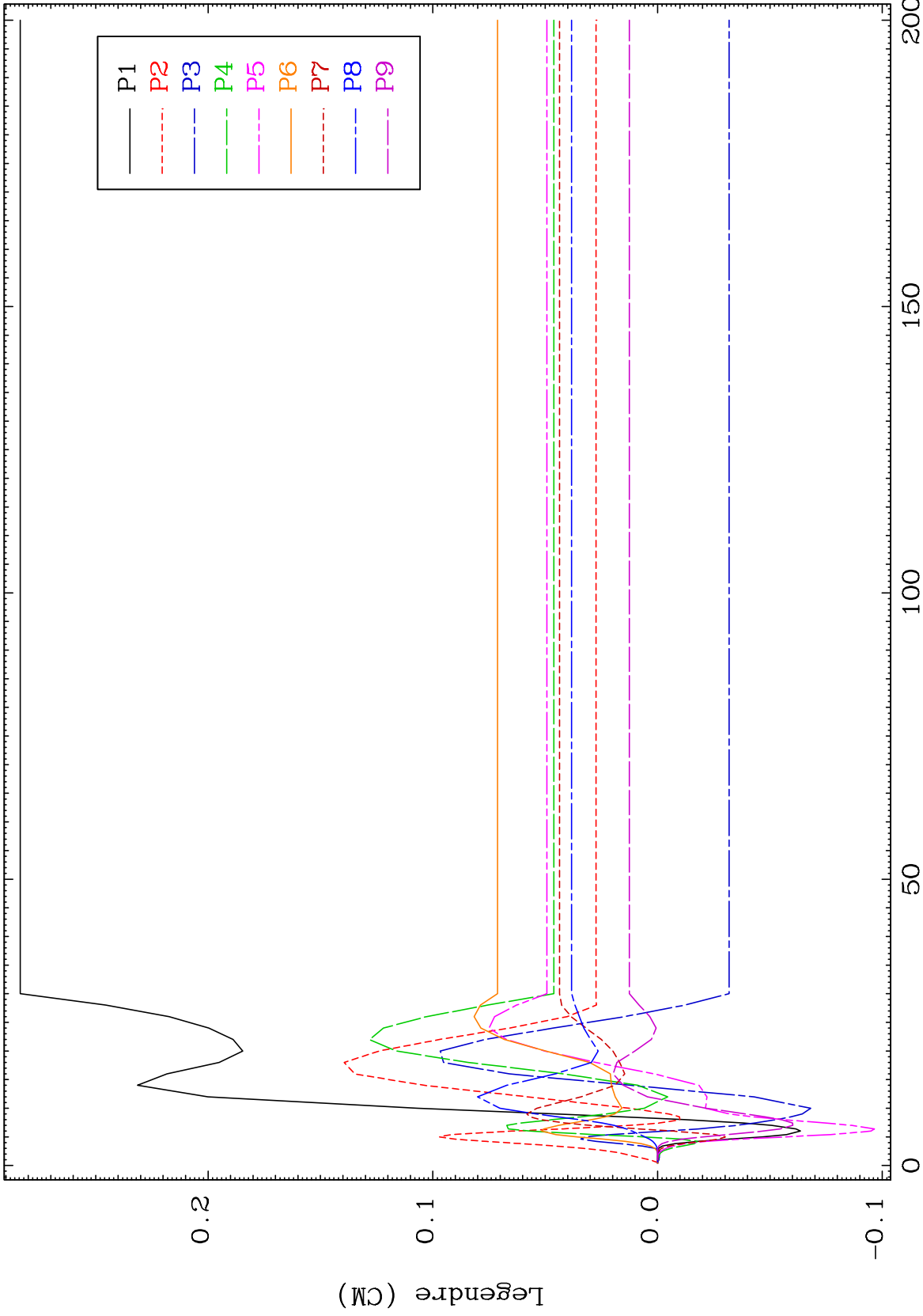
Incident Energy (MeV)

58

MAT 5522

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

55-Cs-132

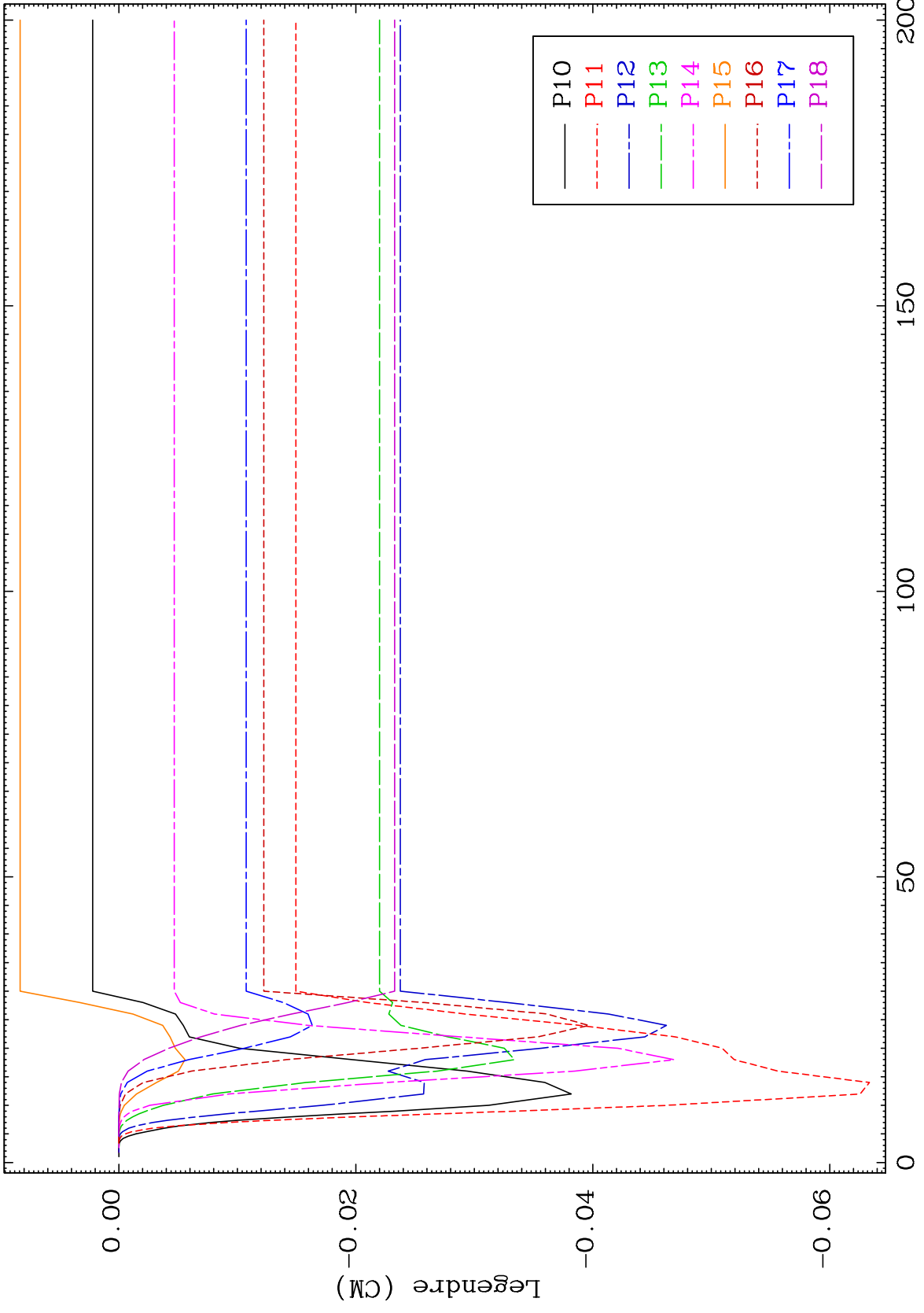


59

Incident Energy (MeV)

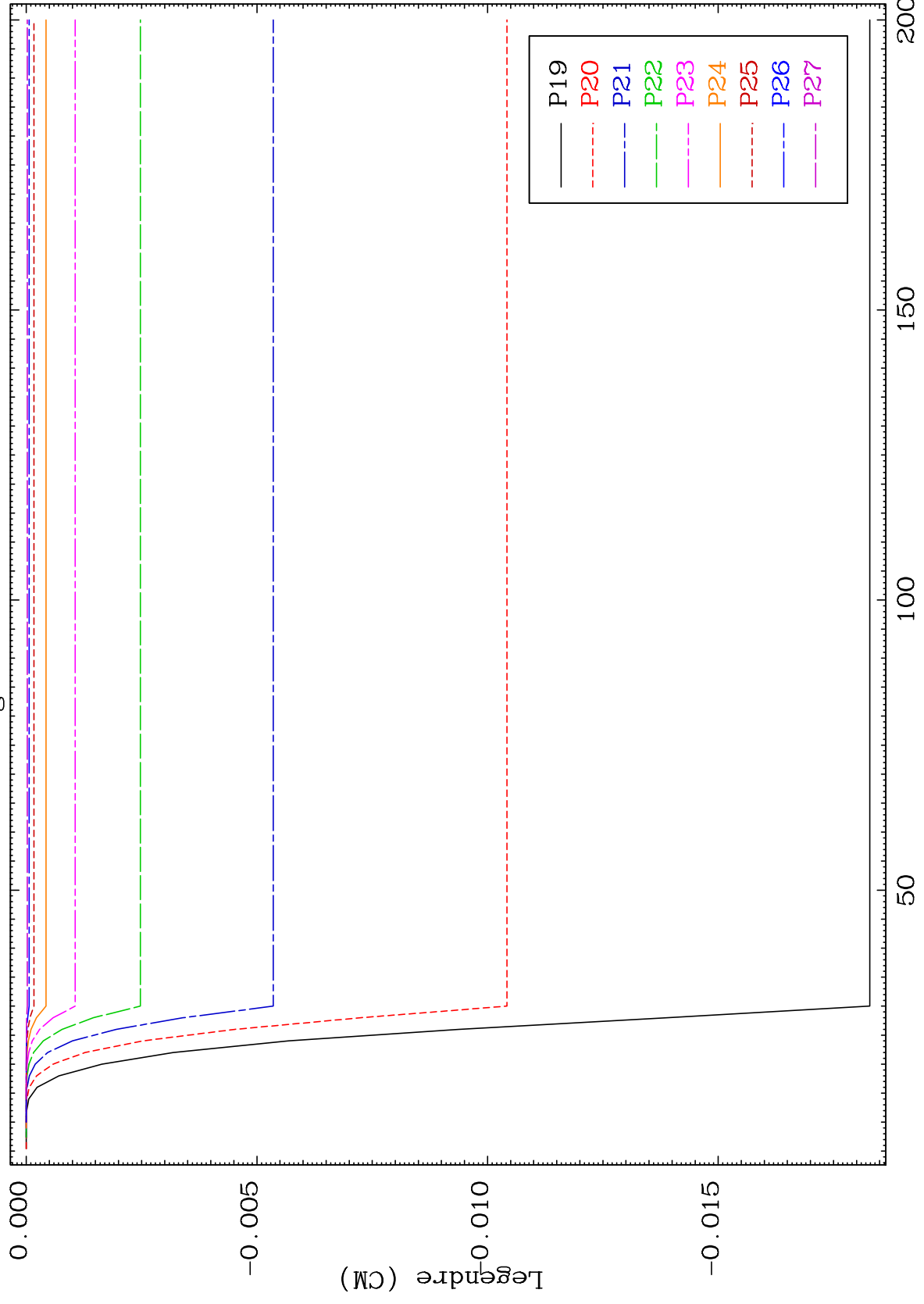
55-Cs-132

MAT 5522 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-132



55-Cs-132 Incident Energy (MeV)

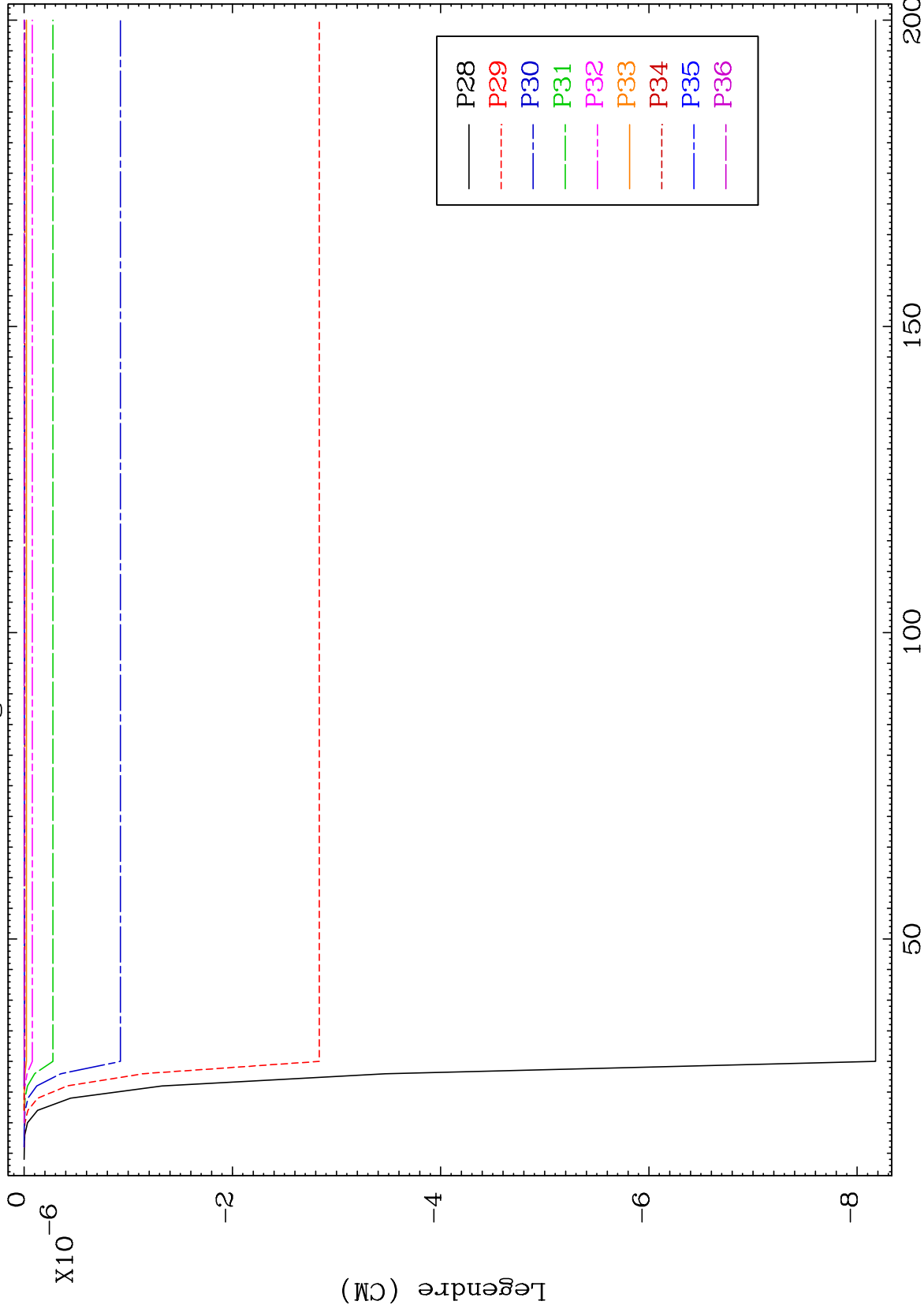
MAT 5522 MT= 62 (n,n') Level Legendre Coefficients 55-Cs-132



MAT 5522

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

55-Cs-132

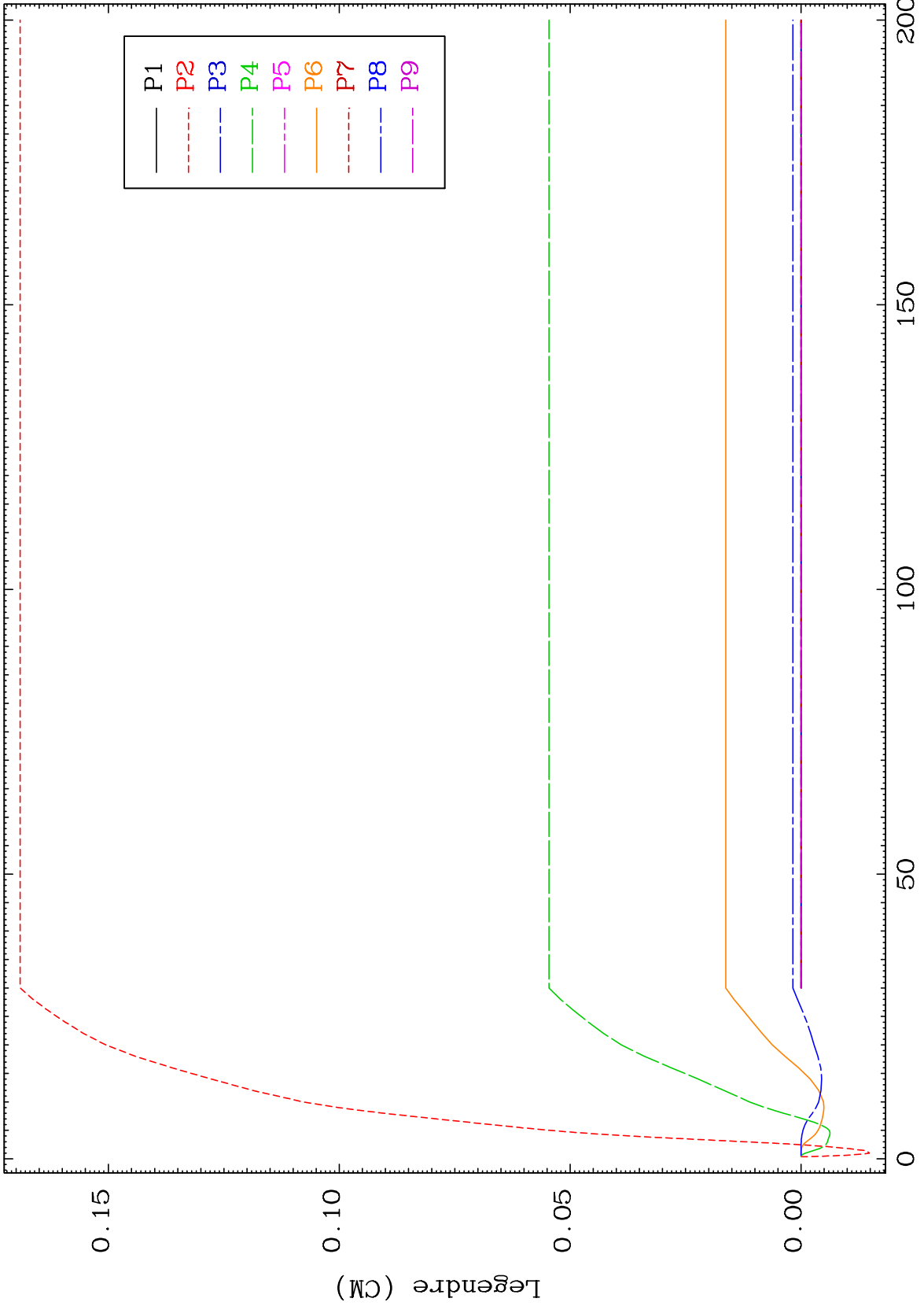


55-Cs-132

Incident Energy (MeV)

62

MAT 5522 MT= 63 (n,n') Level Legendre Coefficients 55-Cs-132

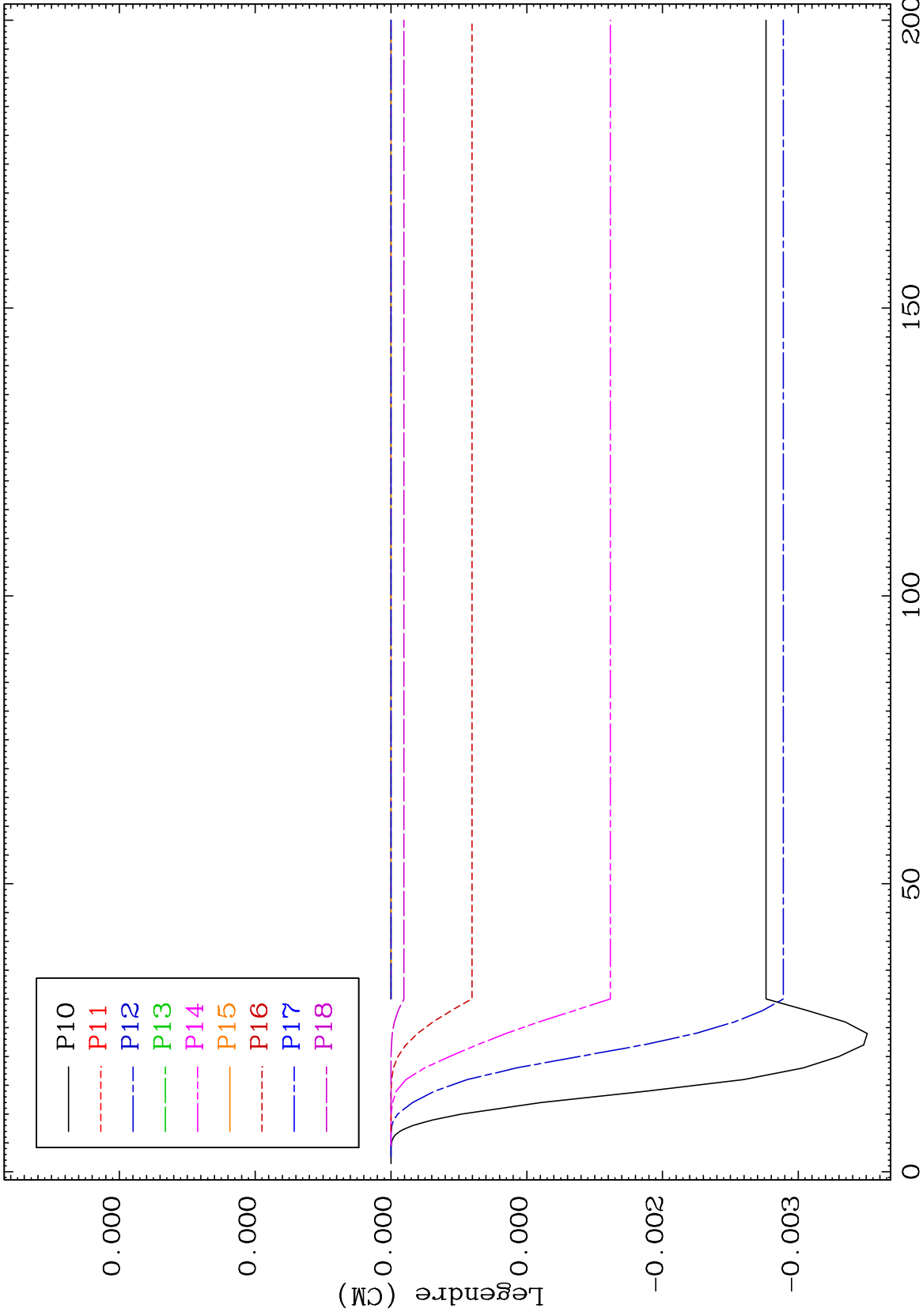


63 55-Cs-132

MAT 5522

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

55-Cs-132

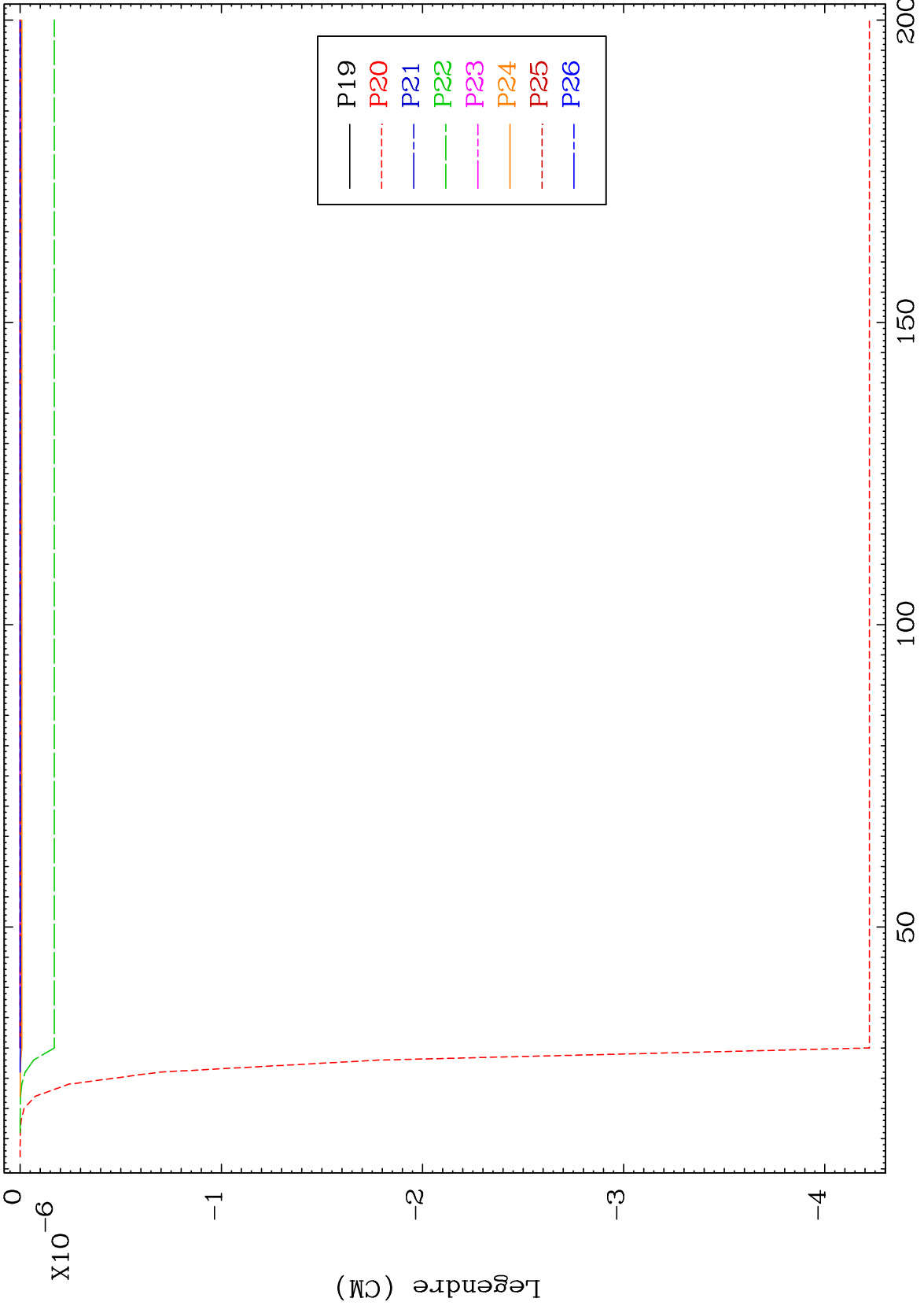


64

Incident Energy (MeV)

55-Cs-132

MAT 5522 MT= 63 (n,n') Level Legendre Coefficients 55-Cs-132

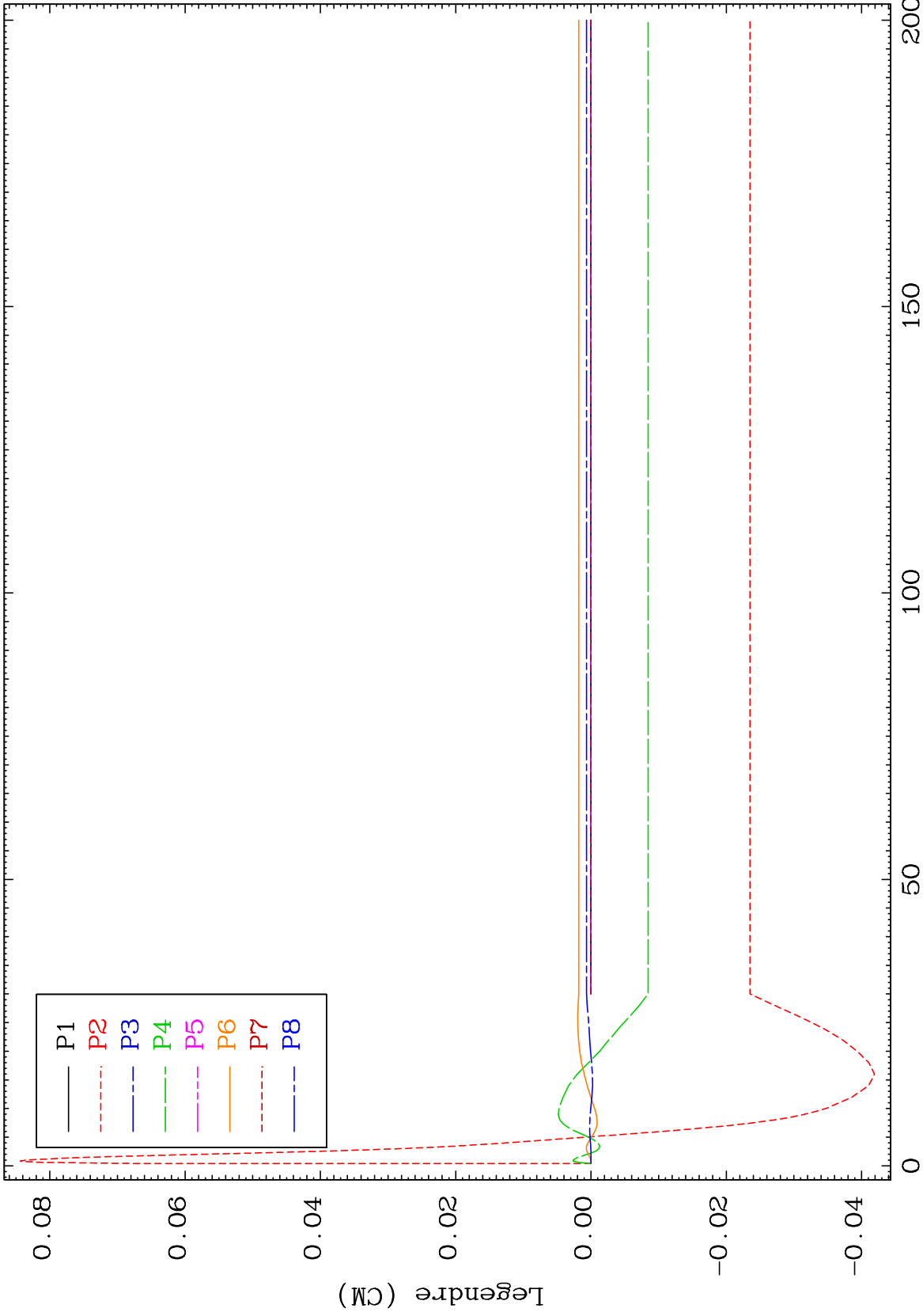


65 Incident Energy (MeV) 55-Cs-132

MAT 5522

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

55-Cs-132



66

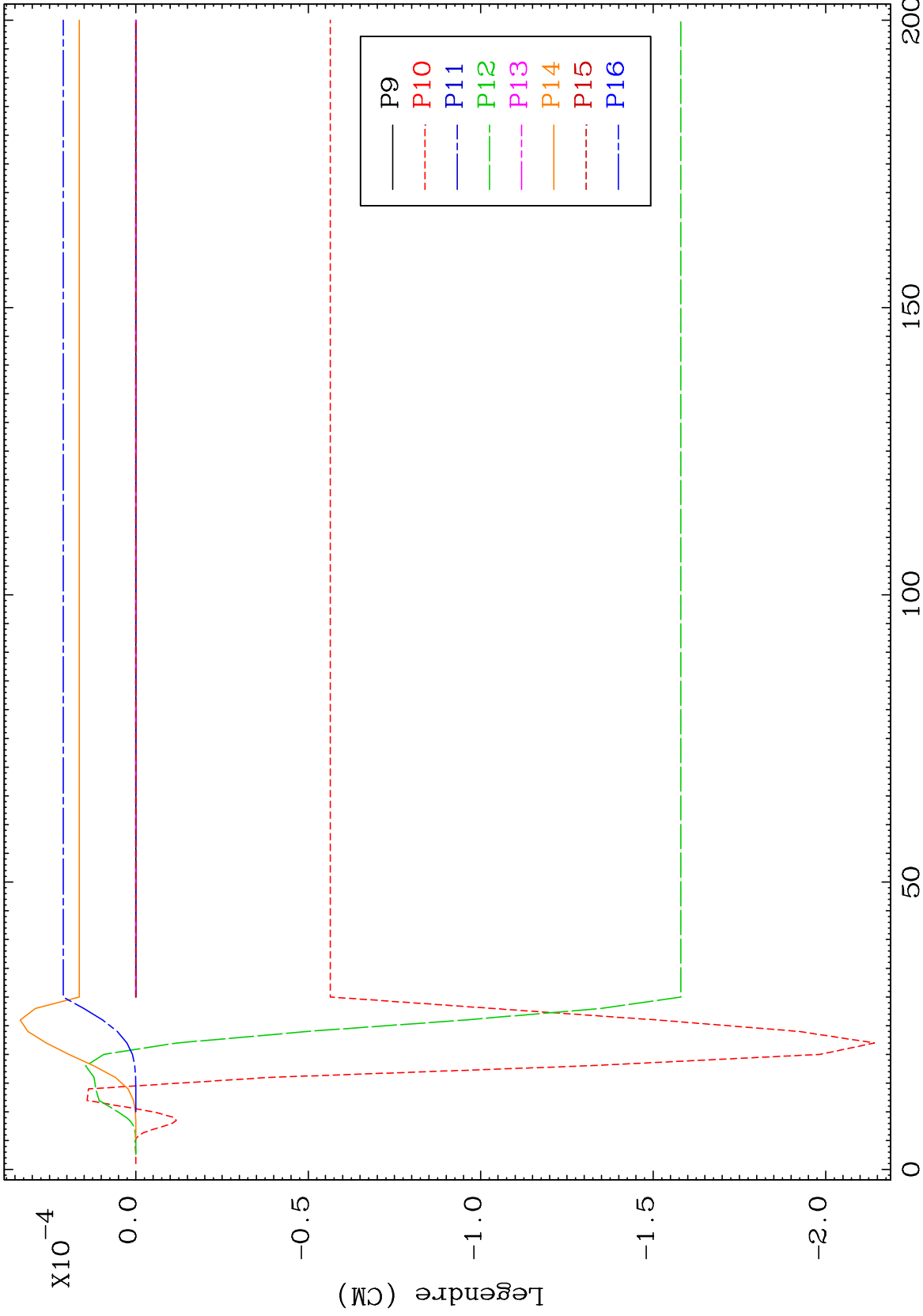
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132

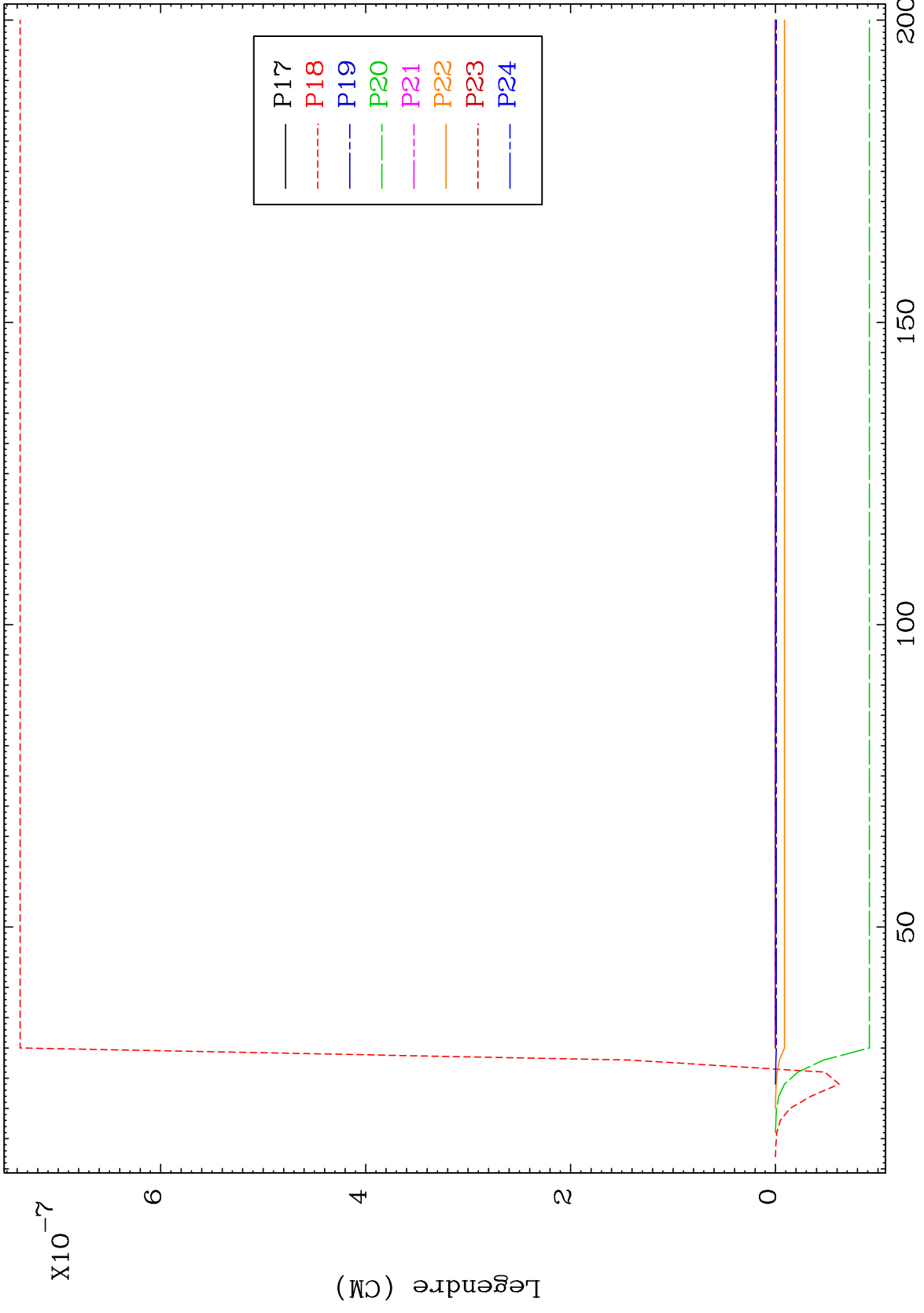


67

Incident Energy (MeV)

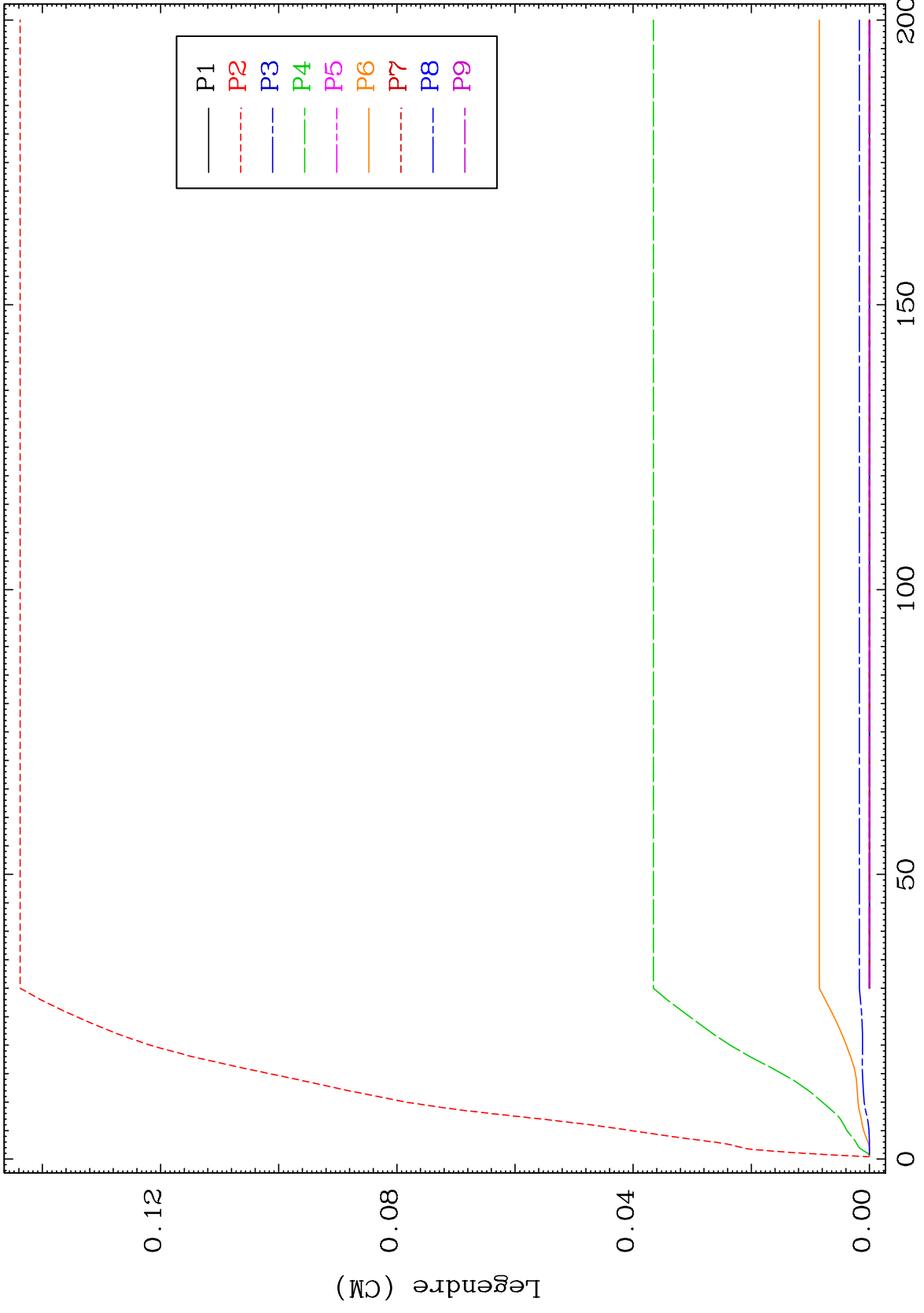
55-Cs-132

MAT 5522 MT= 64 (n,n') Level Legendre Coefficients 55-Cs-132



68 55-Cs-132

MAT 5522 MT= 65 (n,n') Level Legendre Coefficients 55-Cs-132

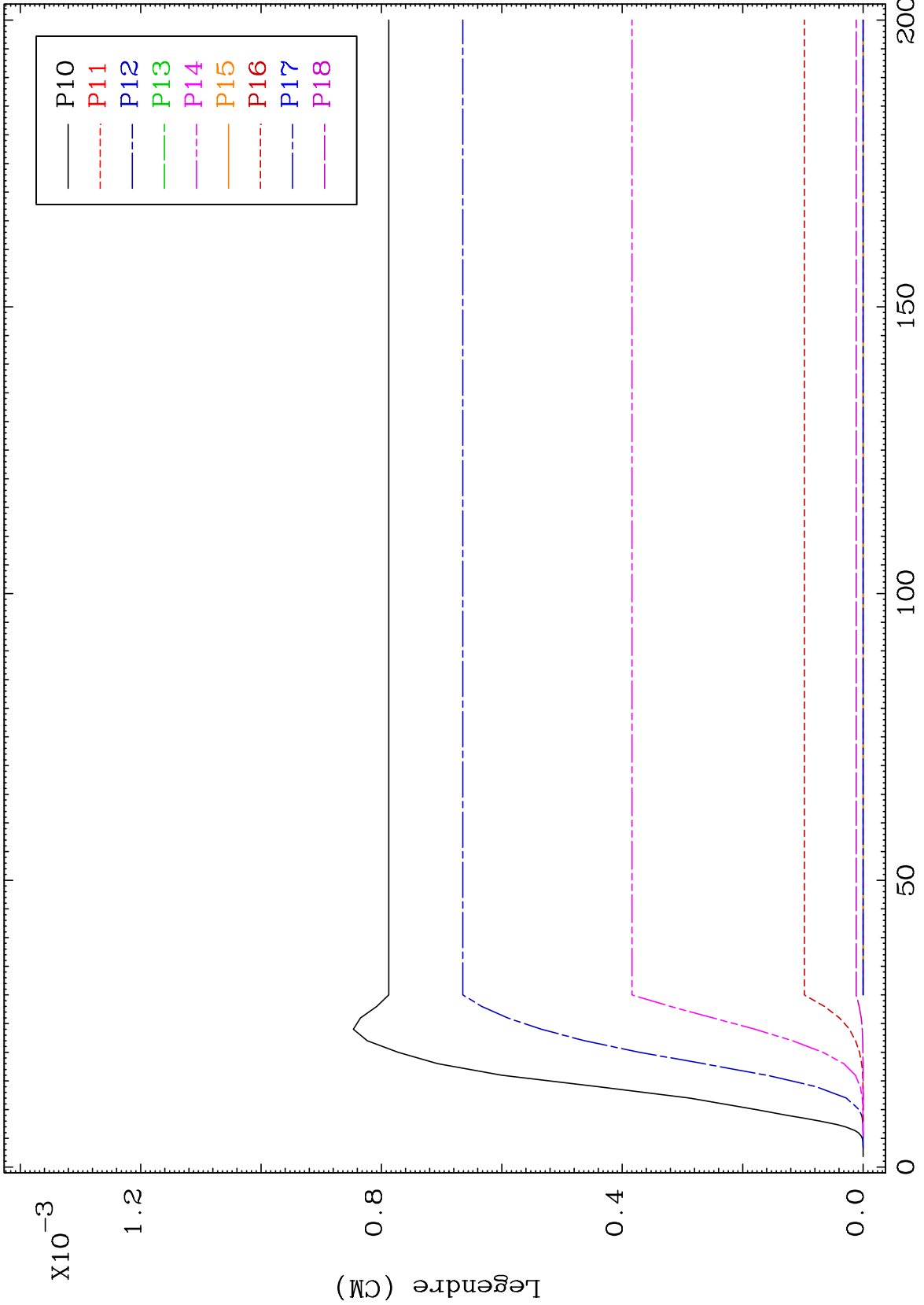


69 55-Cs-132

MAT 5522

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

55-Cs-132

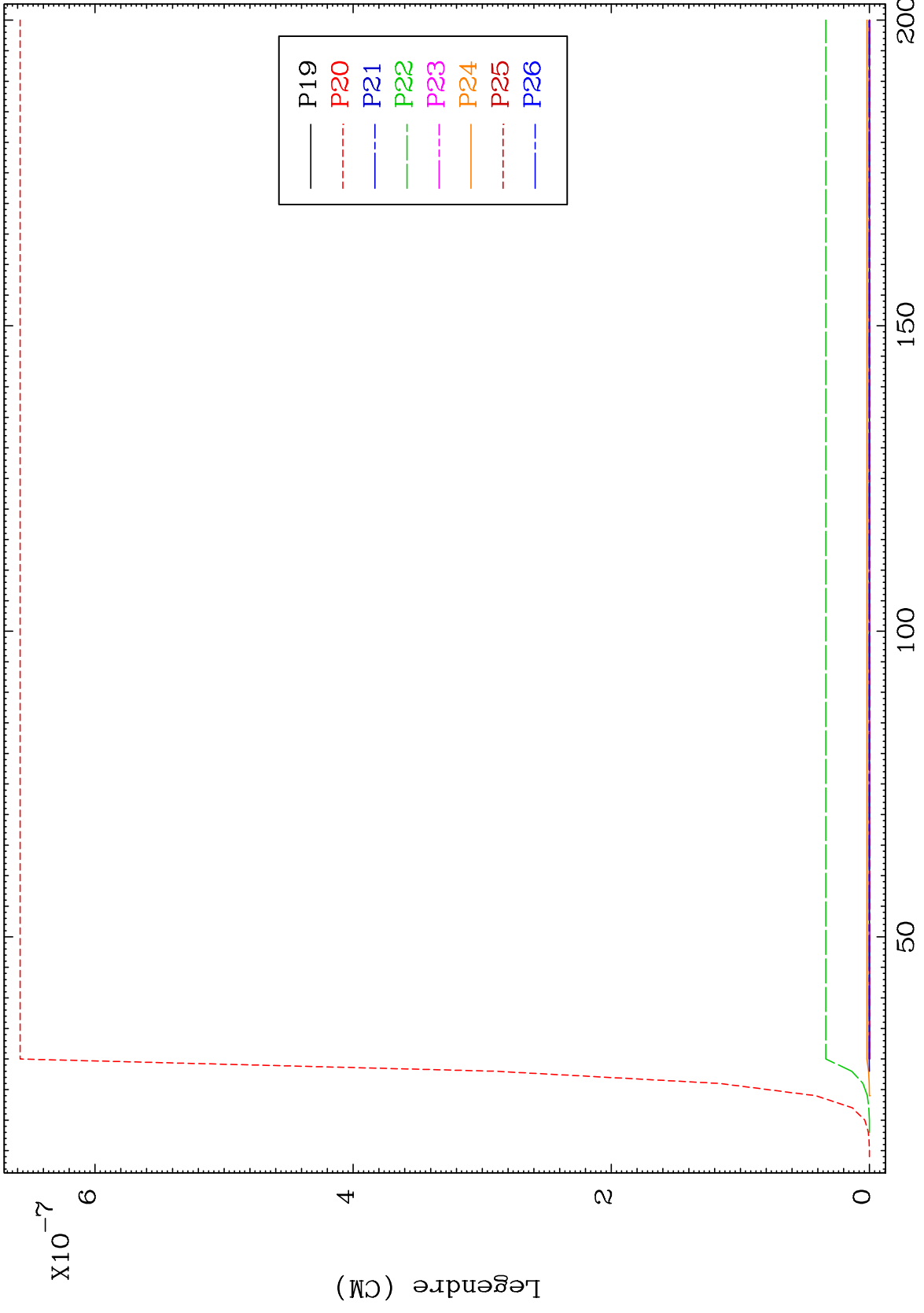


70

Incident Energy (MeV)

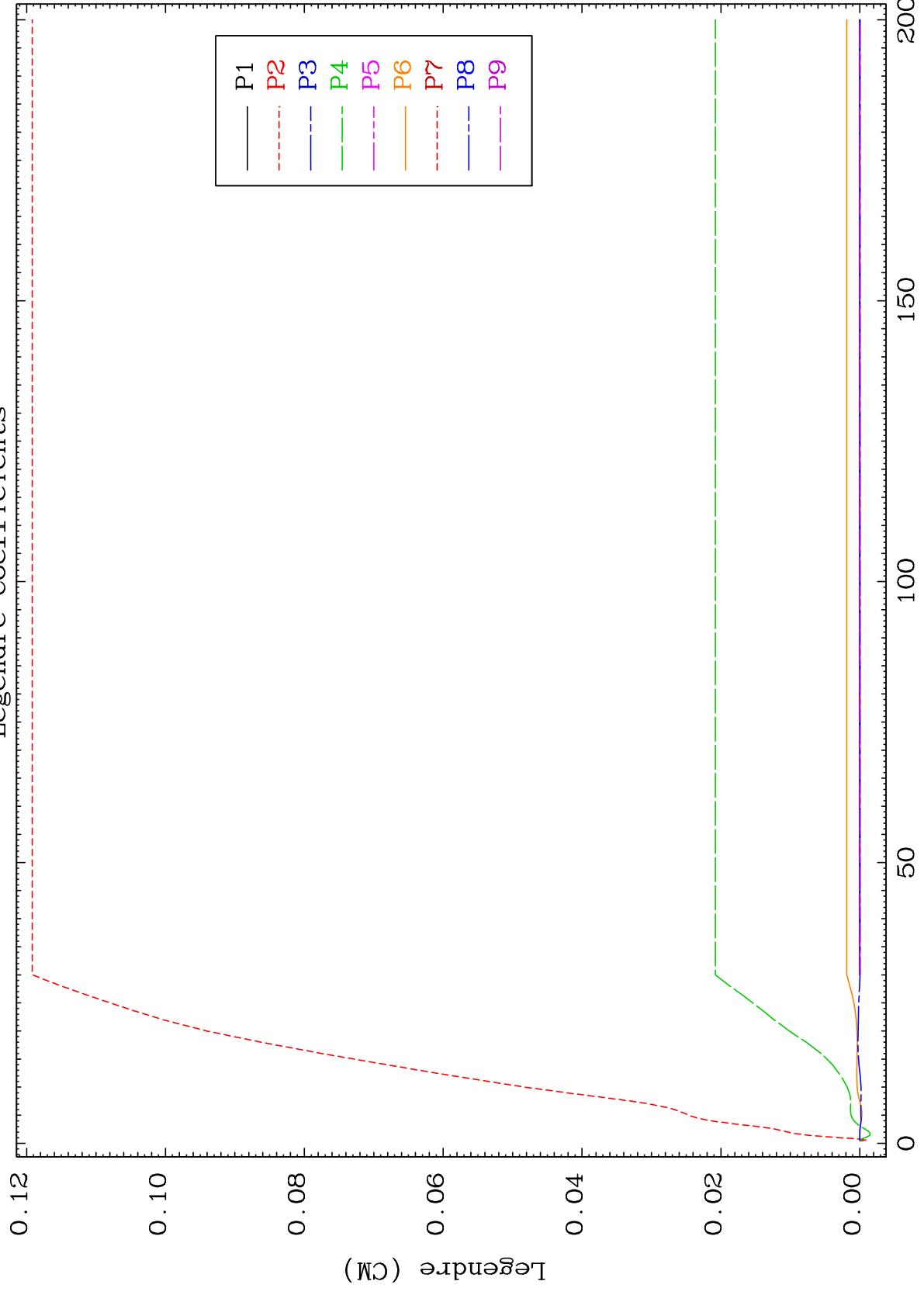
55-Cs-132

MAT 5522 MT= 65 (n,n') Level Legendre Coefficients 55-Cs-132



71 55-Cs-132

MAT 5522 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-132

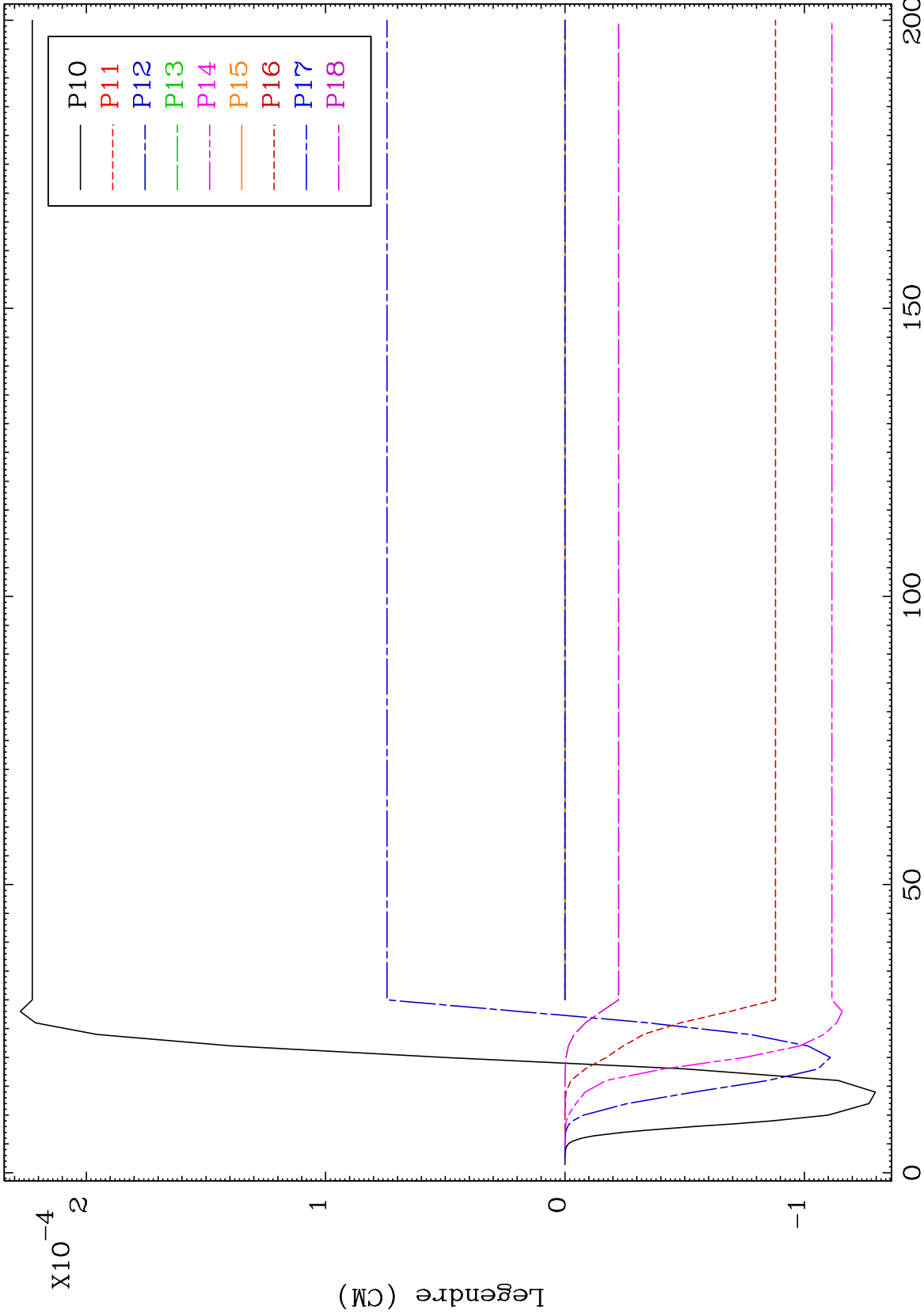


72 Incident Energy (MeV) 55-Cs-132

MAT 5522

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

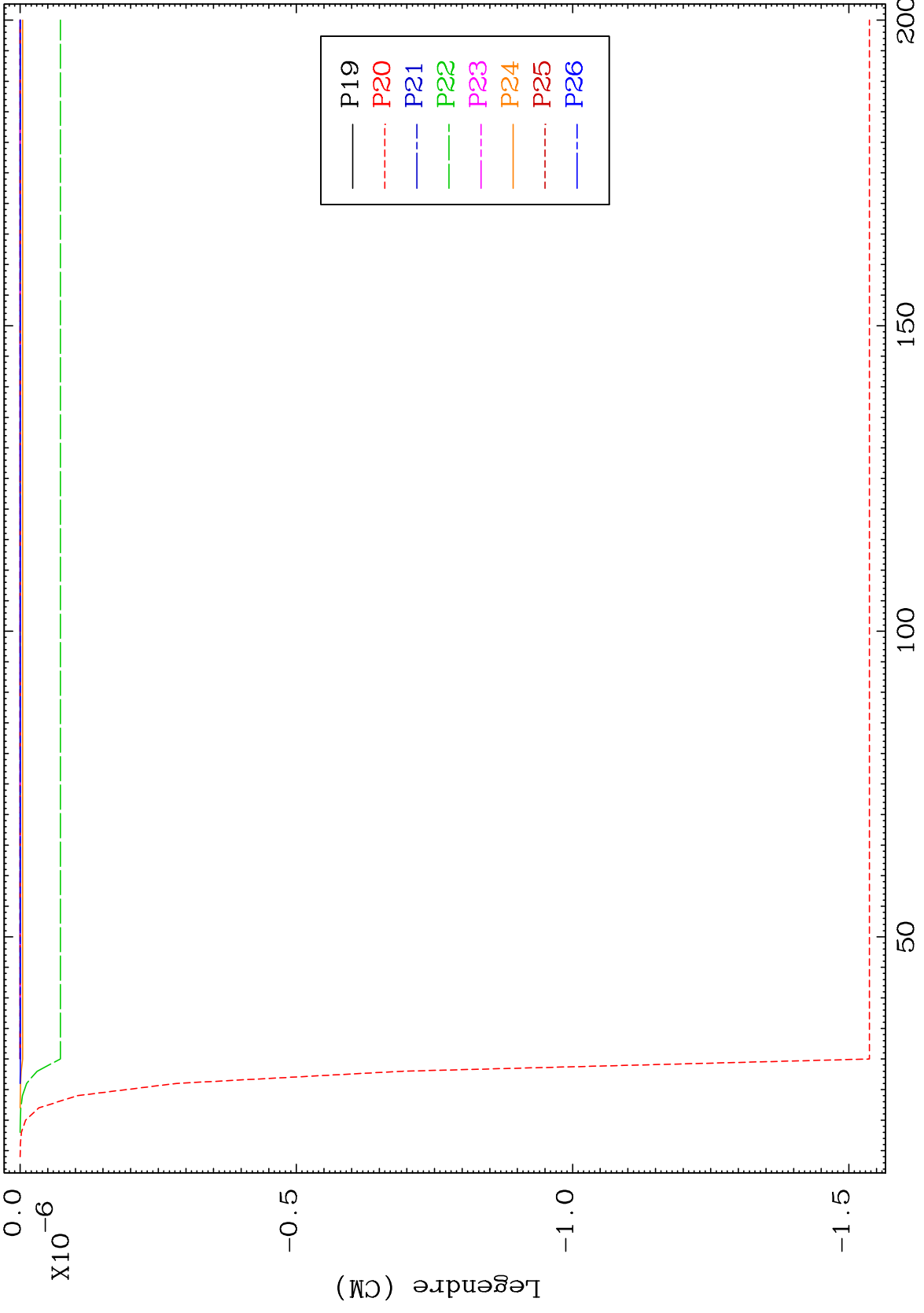
55-Cs-132



73

55-Cs-132

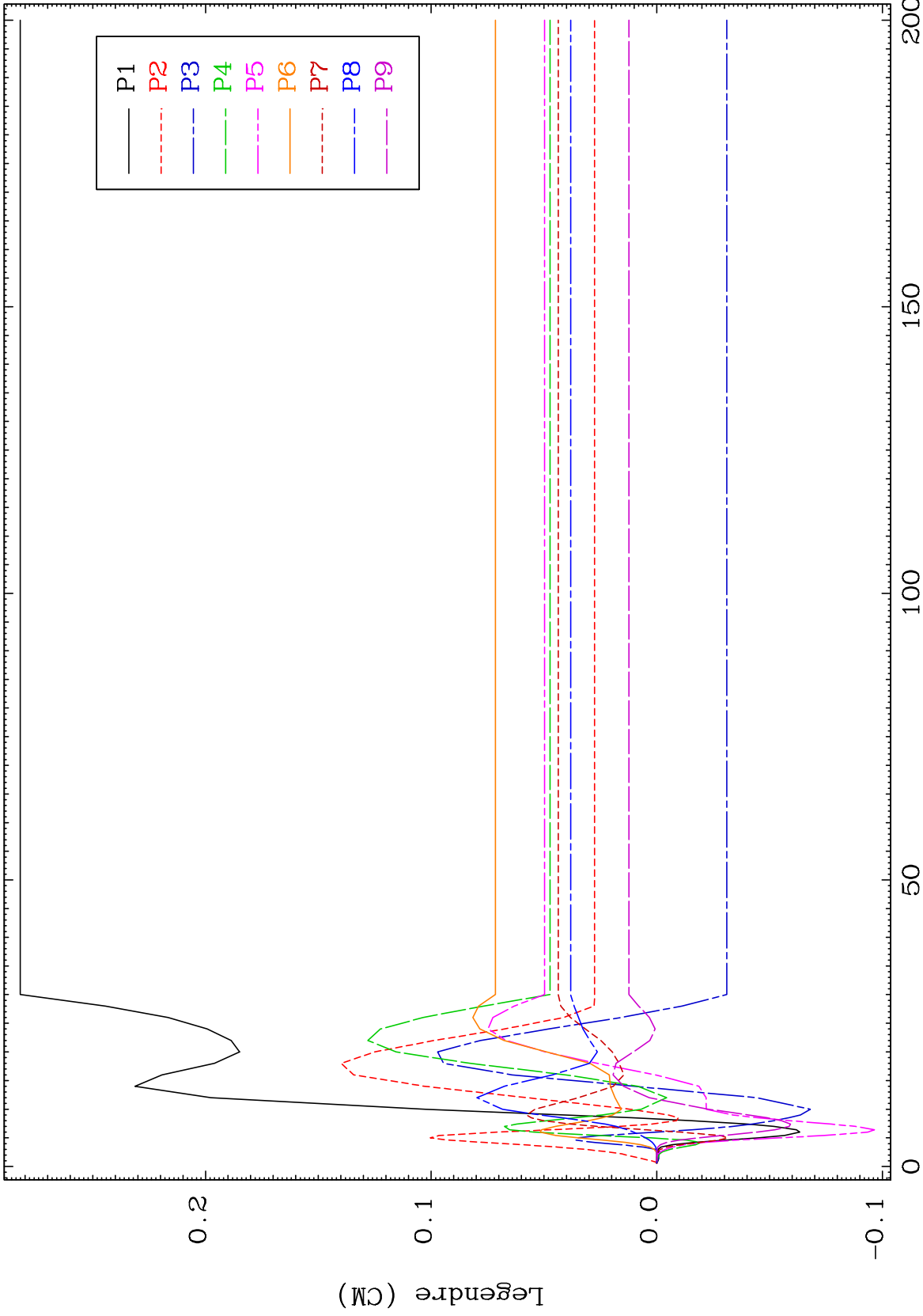
MAT 5522 MT= 66 (n,n') Level Legendre Coefficients 55-Cs-132



MAT 5522

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

55-Cs-132



75

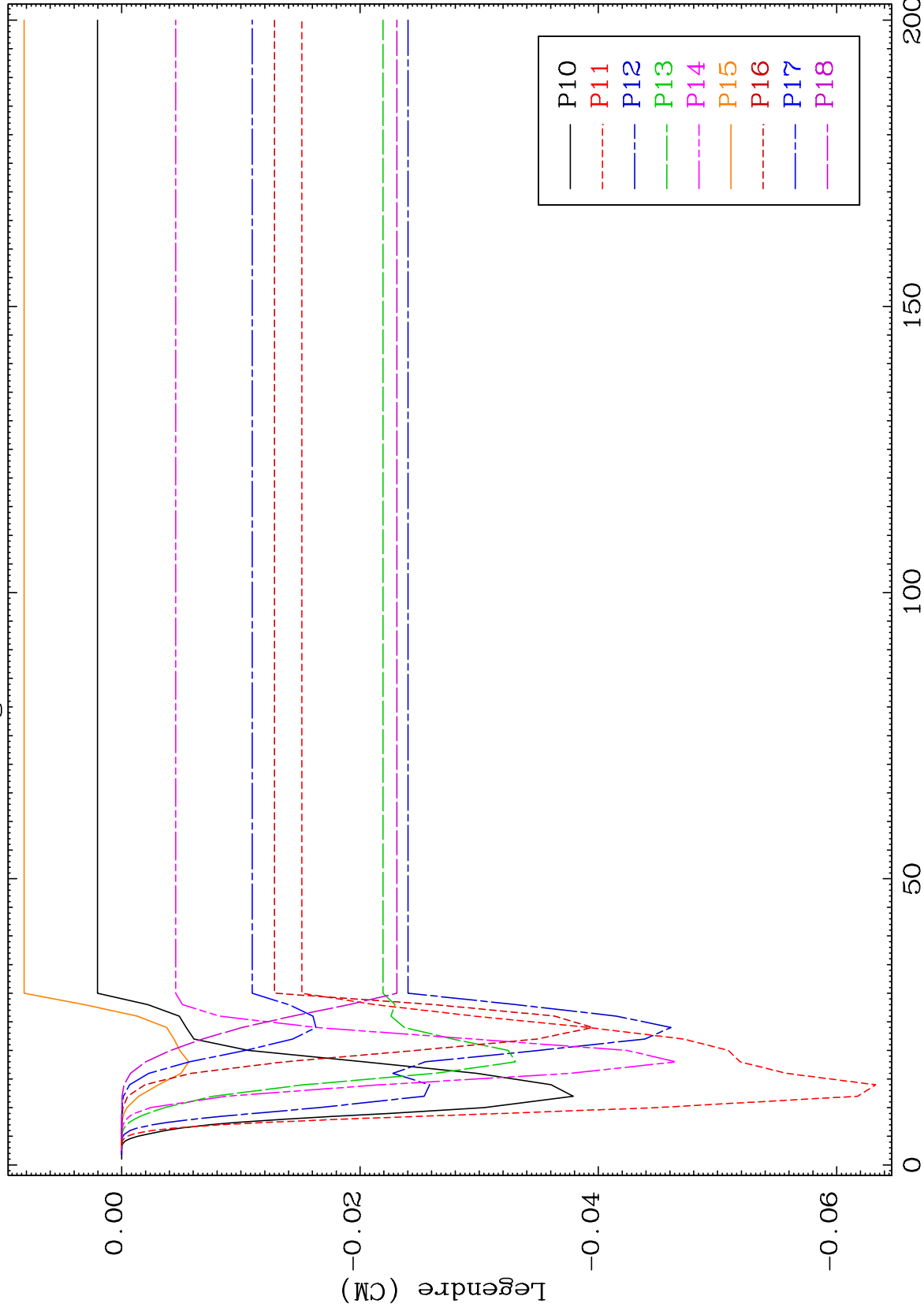
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132

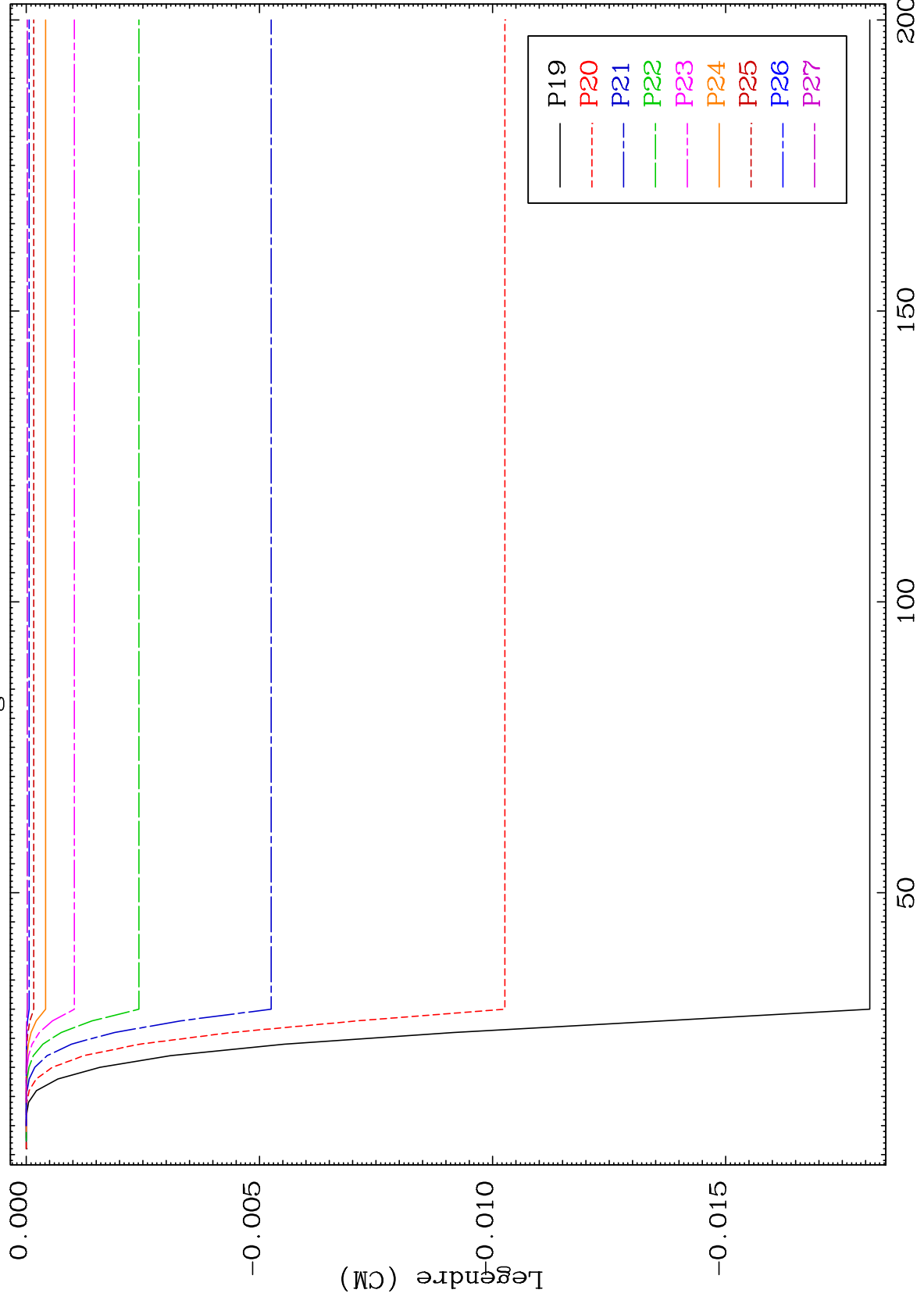


76

Incident Energy (MeV)

55-Cs-132

MAT 5522 MT= 67 (n,n') Level Legendre Coefficients 55-Cs-132

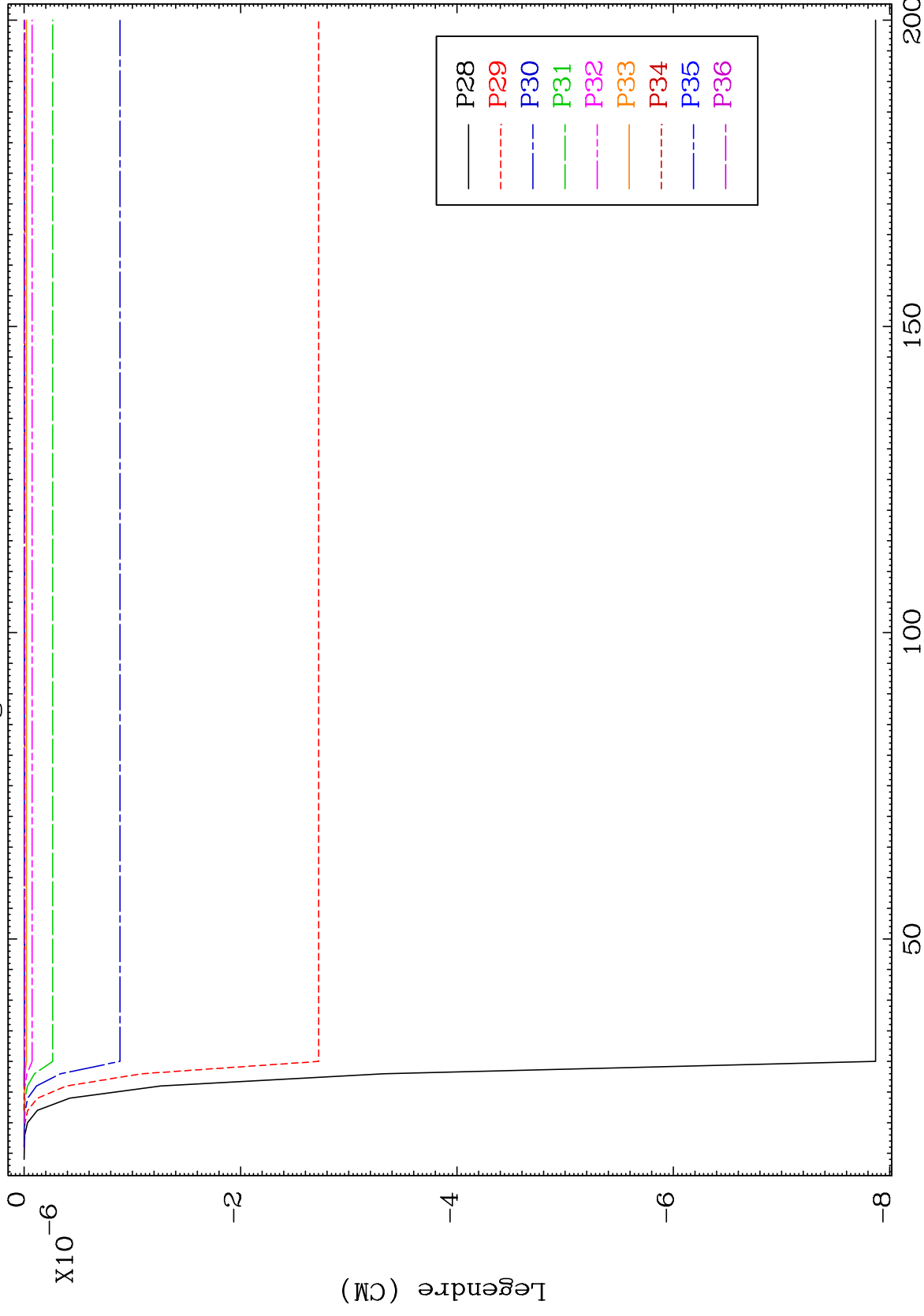


77 55-Cs-132

MAT 5522

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

55-Cs-132



55-Cs-132

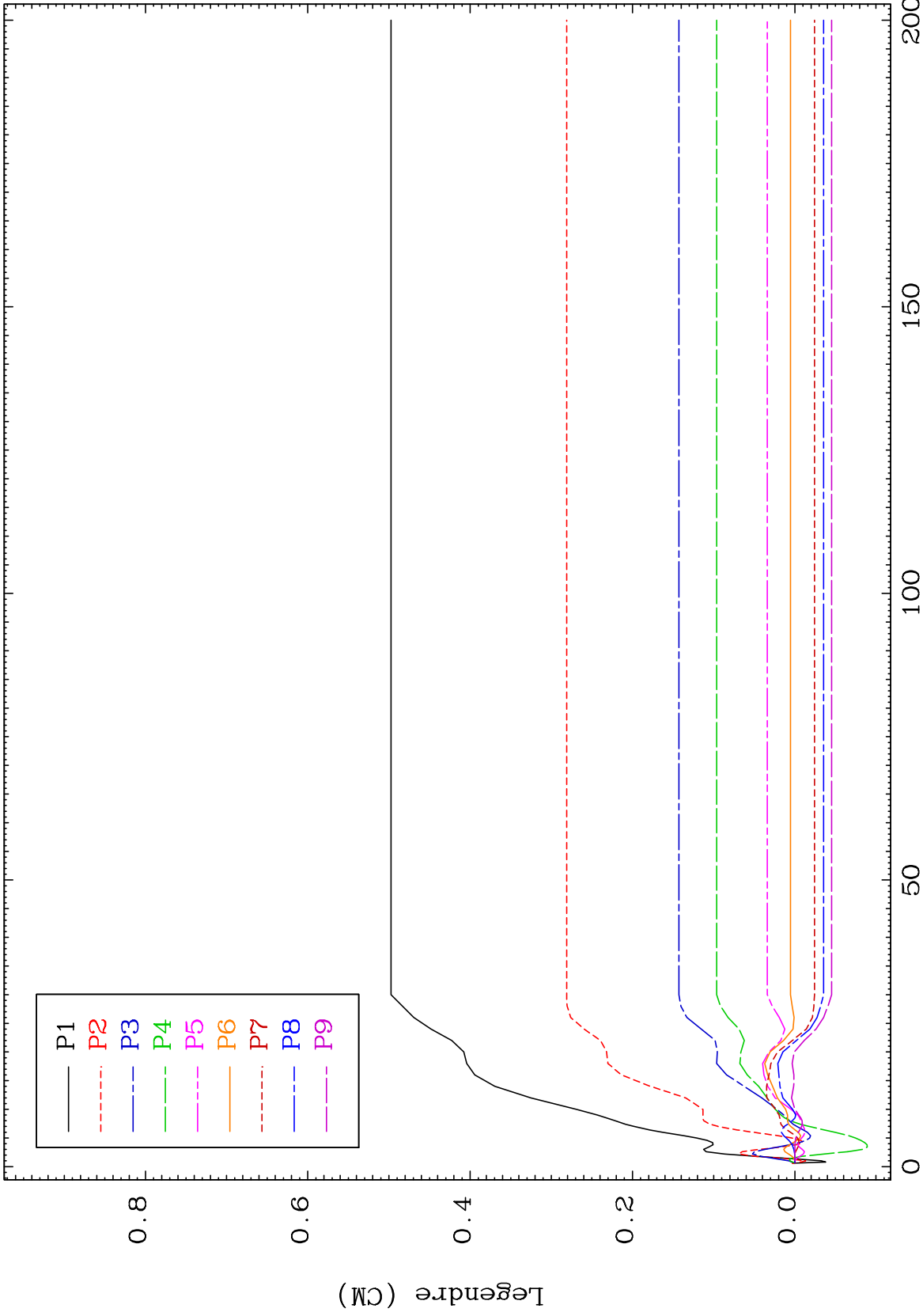
Incident Energy (MeV)

78

MAT 5522

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

55-Cs-132



79

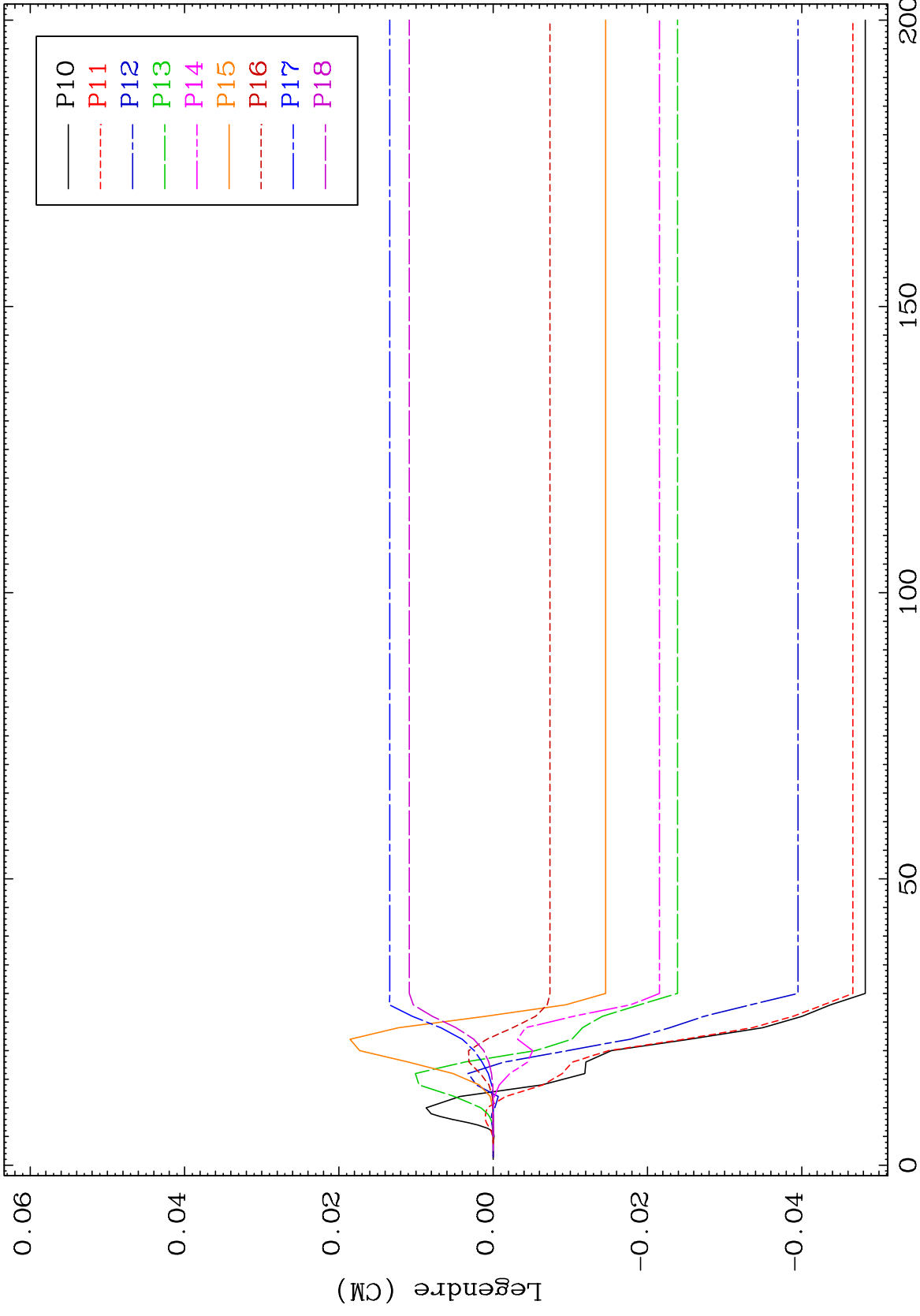
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

55-Cs-132



80

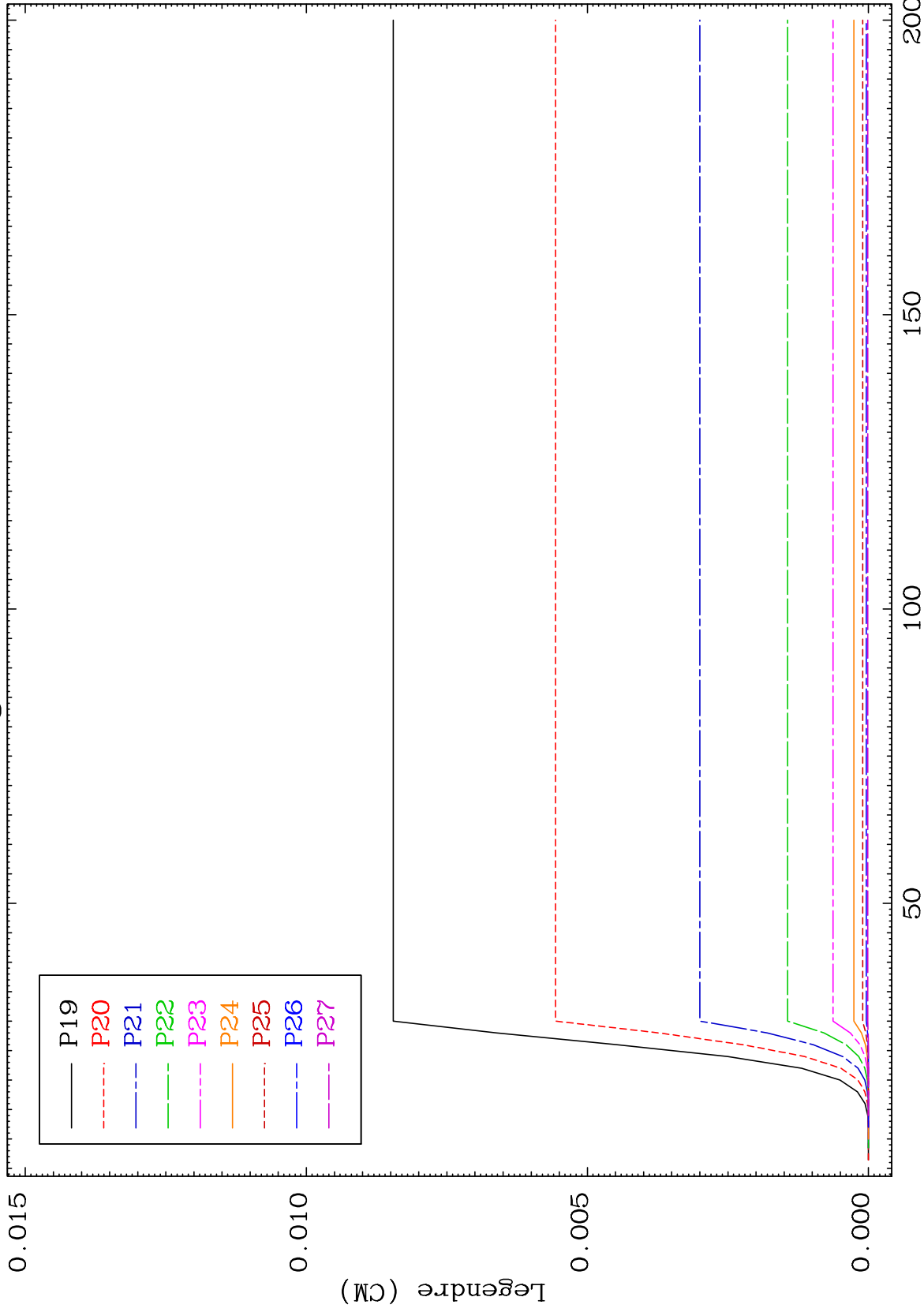
Incident Energy (MeV)

55-Cs-132

MAT 5522

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

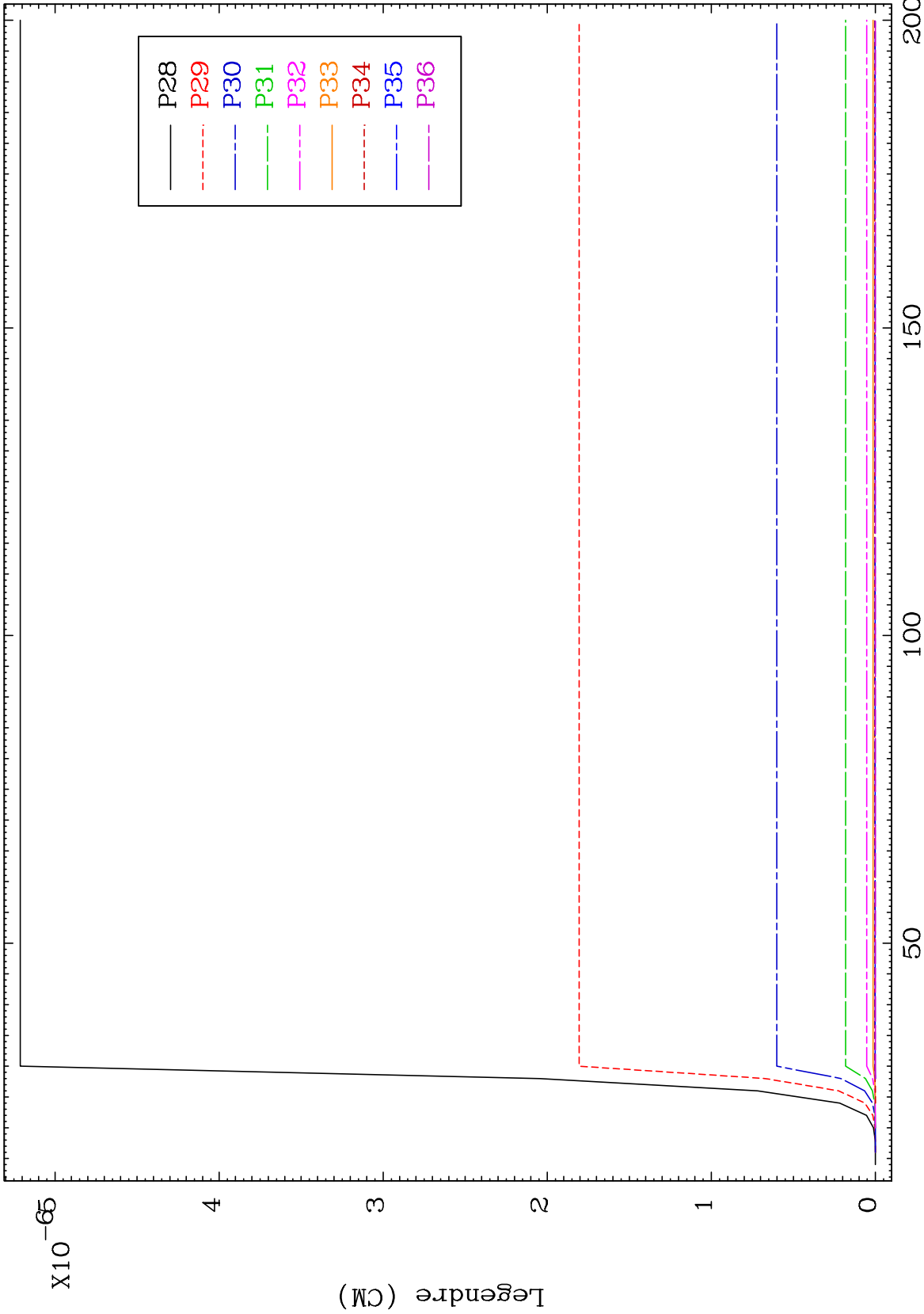
55-Cs-132



MAT 5522

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

55-Cs-132



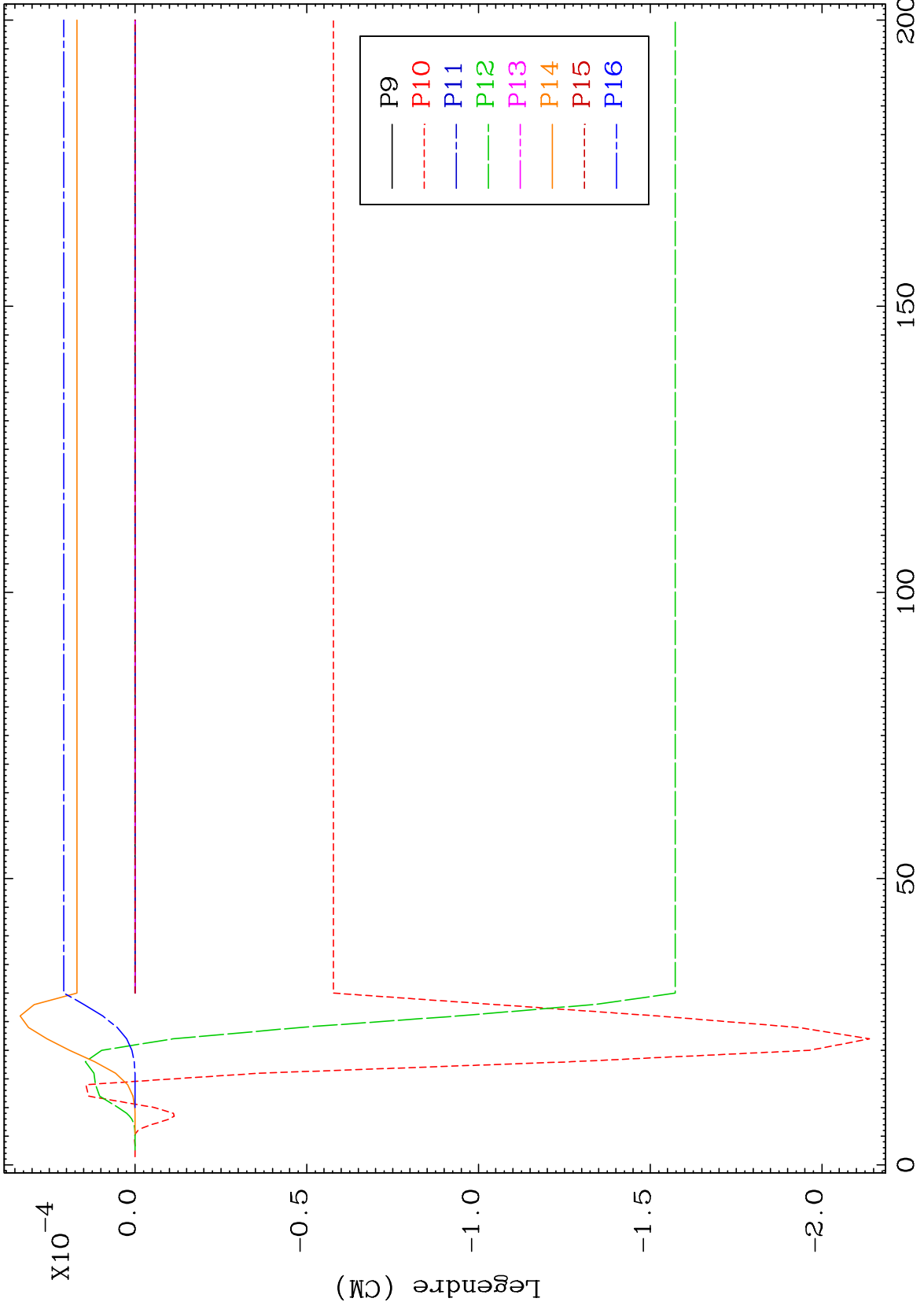
82

55-Cs-132

MAT 5522

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

55-Cs-132

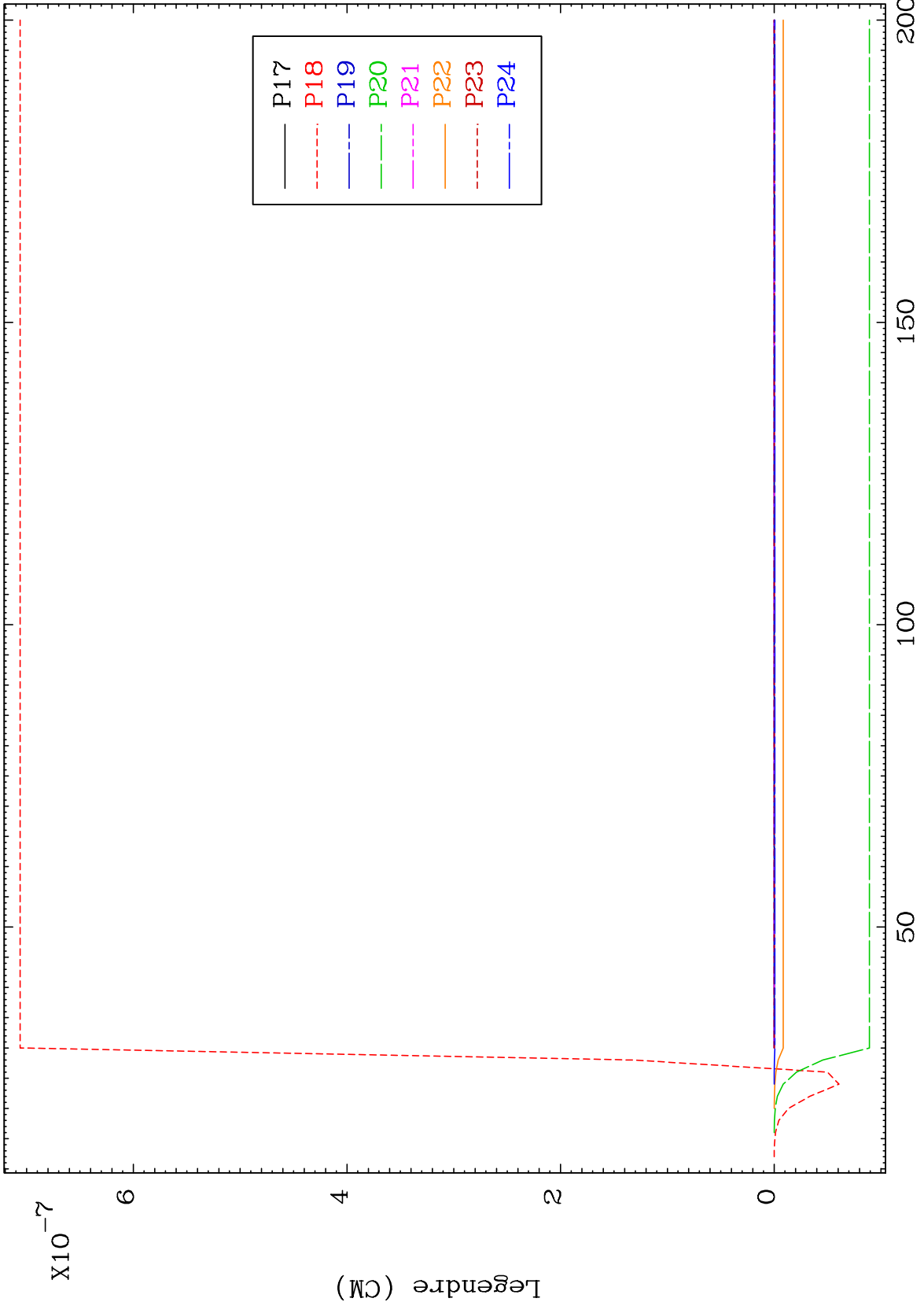


84

Incident Energy (MeV)

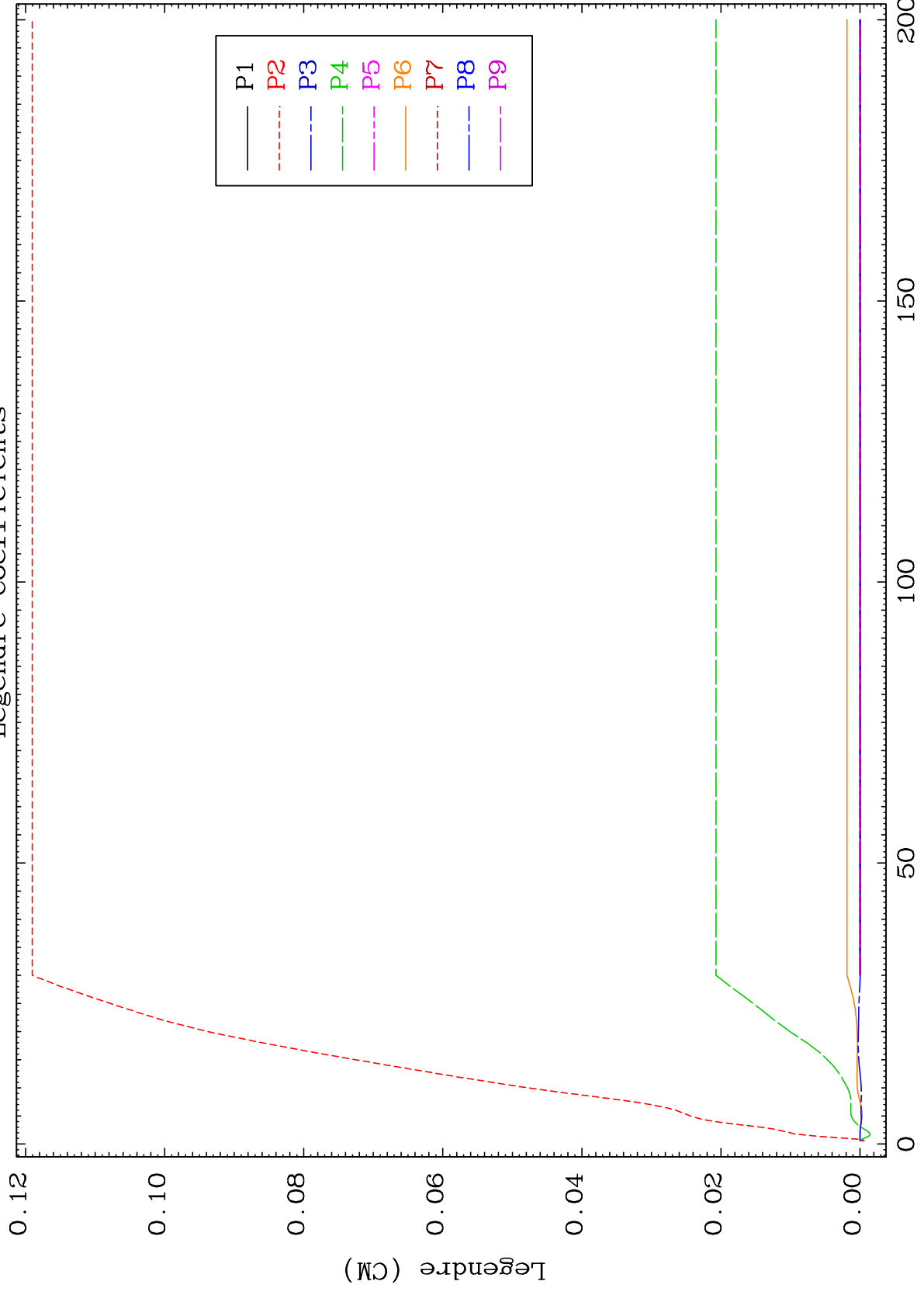
55-Cs-132

MAT 5522 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-132



85 Incident Energy (MeV) 55-Cs-132

MAT 5522 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-132

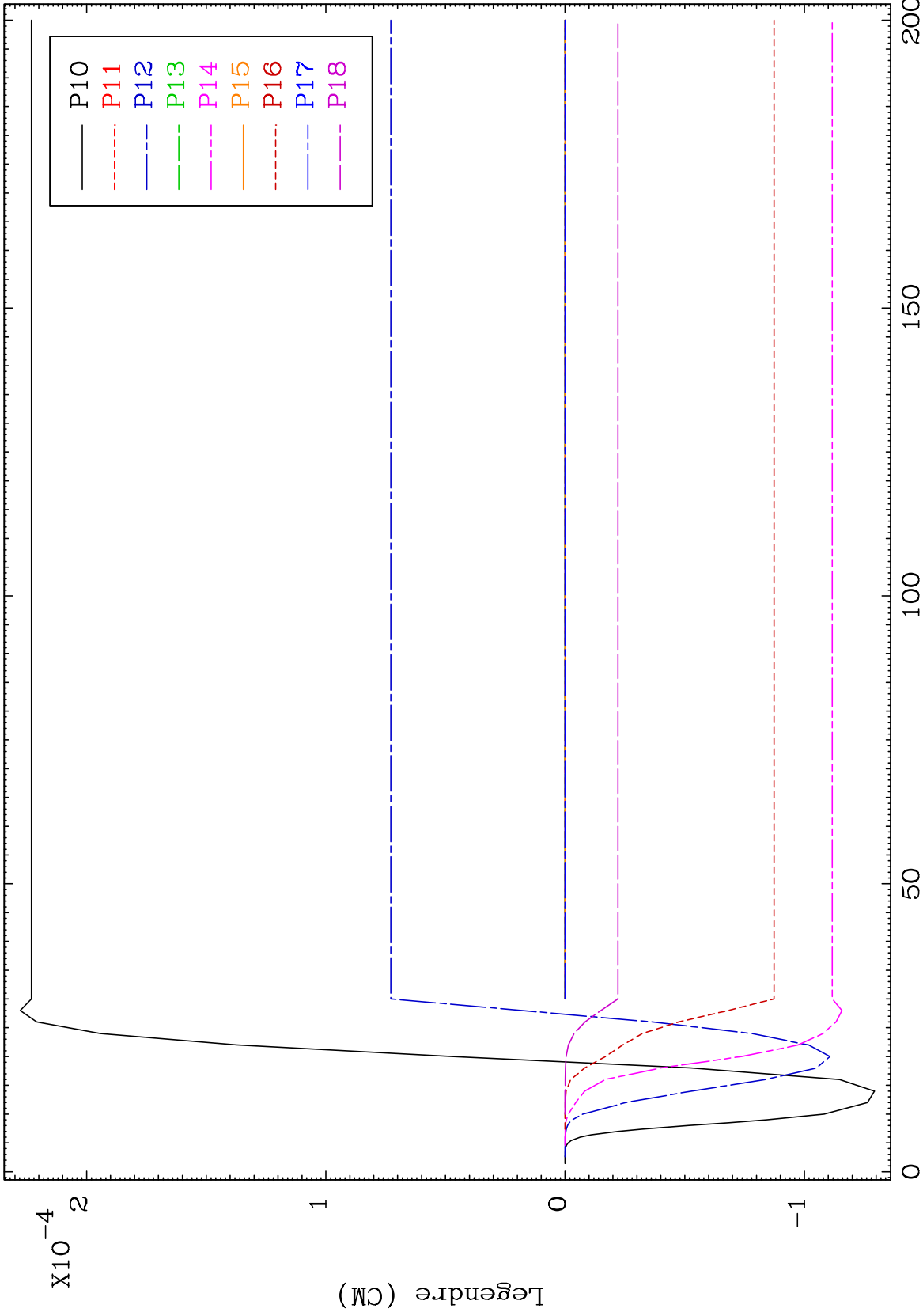


86 Incident Energy (MeV) 55-Cs-132

MAT 5522

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

55-Cs-132

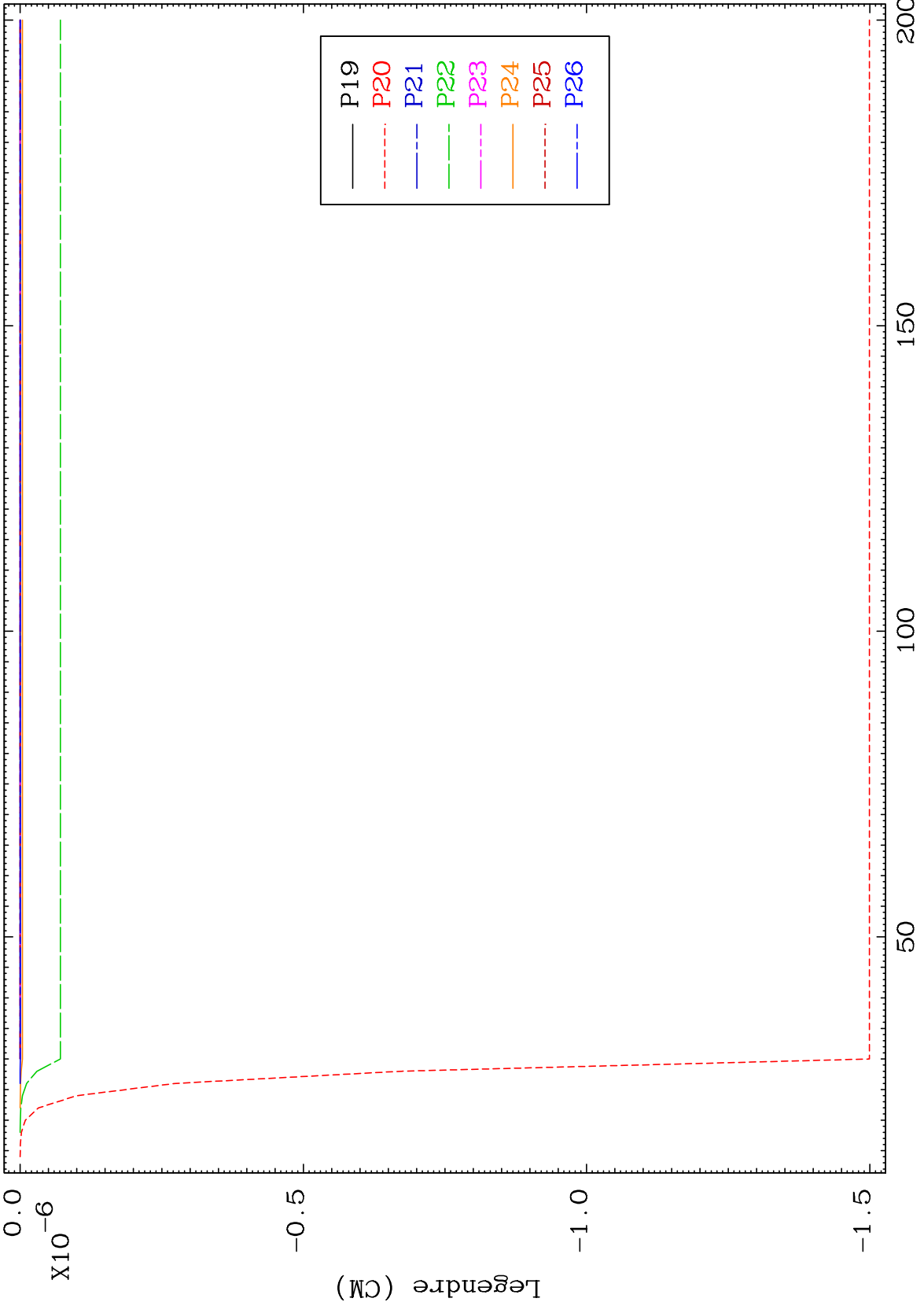


87

Incident Energy (MeV)

55-Cs-132

MAT 5522 MT= 70 (n,n') Level Legendre Coefficients 55-Cs-132

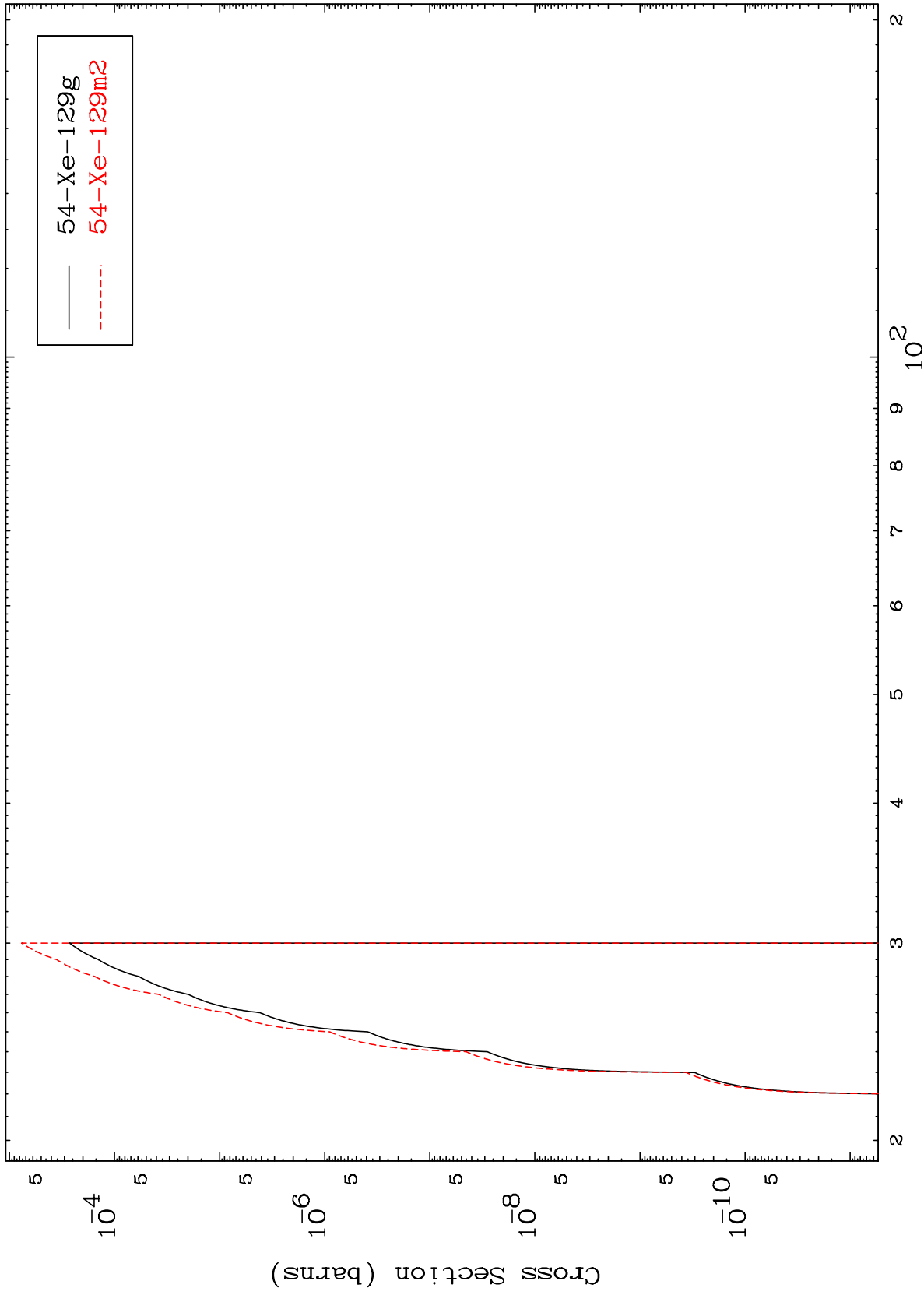


MAT 5522

(n,2n) d

55-Cs-132

Radionuclide Production Cross Section



89

Incident Energy (MeV)

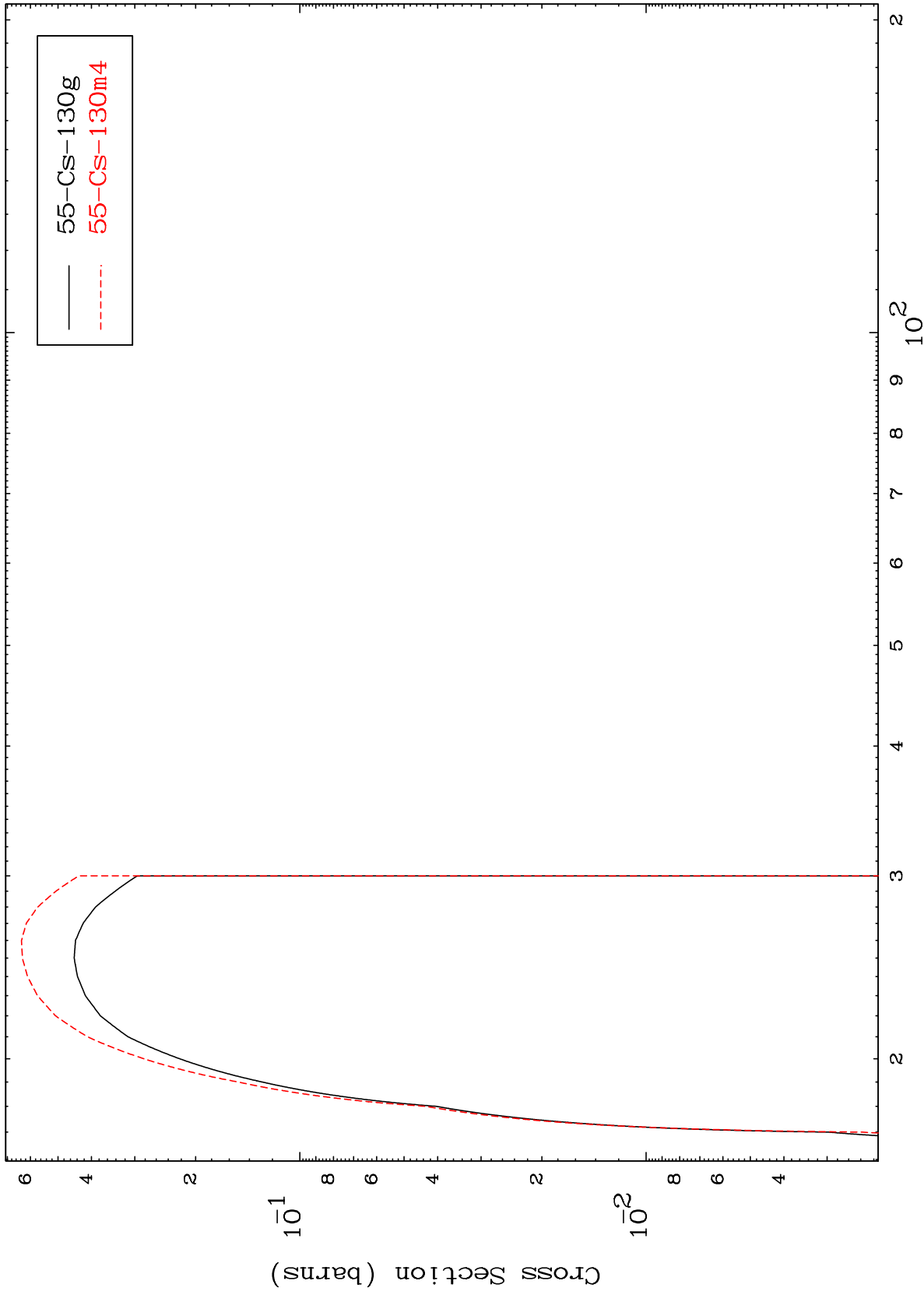
55-Cs-132

MAT 5522

(n,3n)

55-Cs-132

Radionuclide Production Cross Section



90

Incident Energy (MeV)

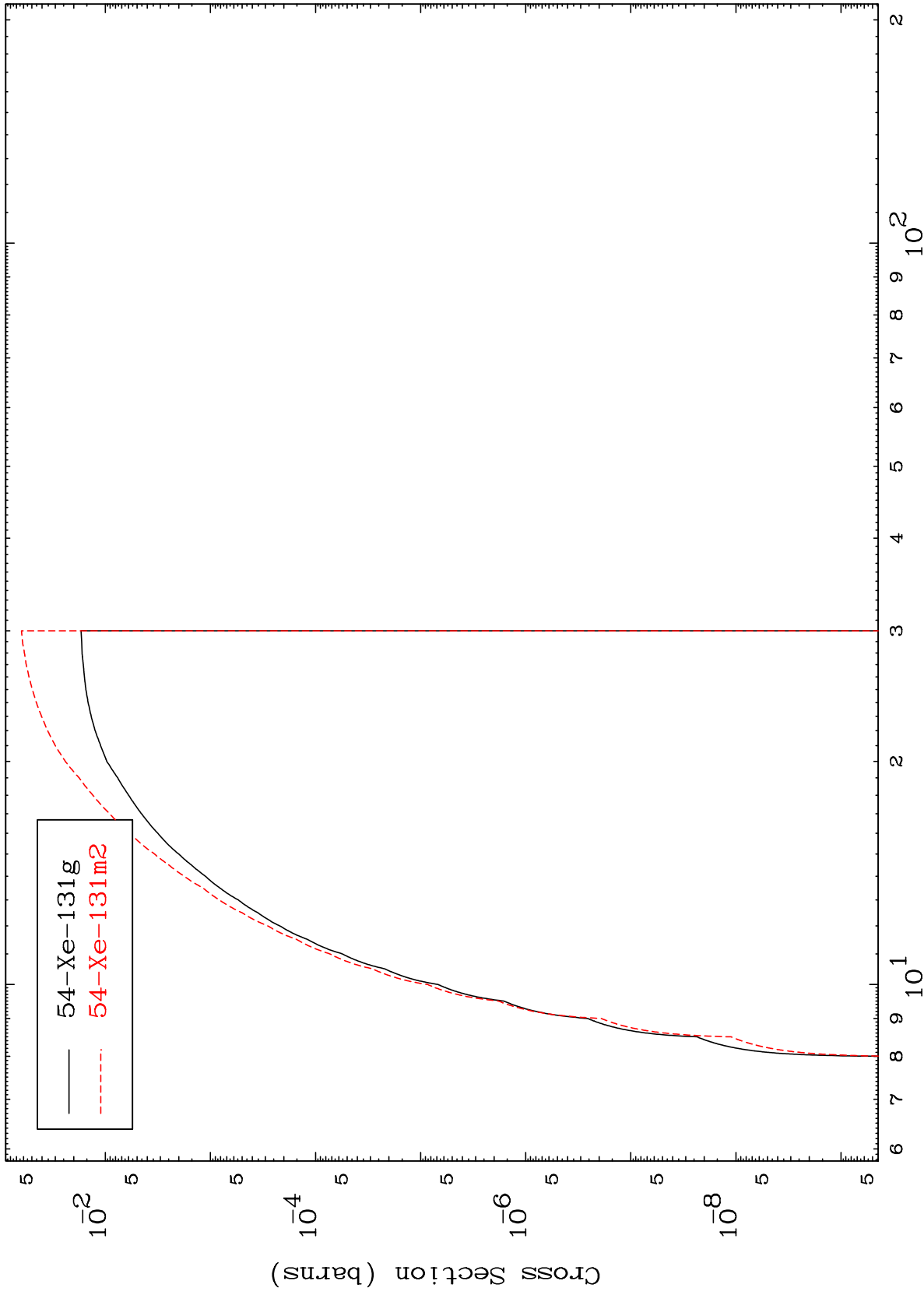
55-Cs-132

MAT 5522

(n,n') p

55-Cs-132

Radionuclide Production Cross Section



54-Xe-131g
54-Xe-131m2

91

Incident Energy (MeV)

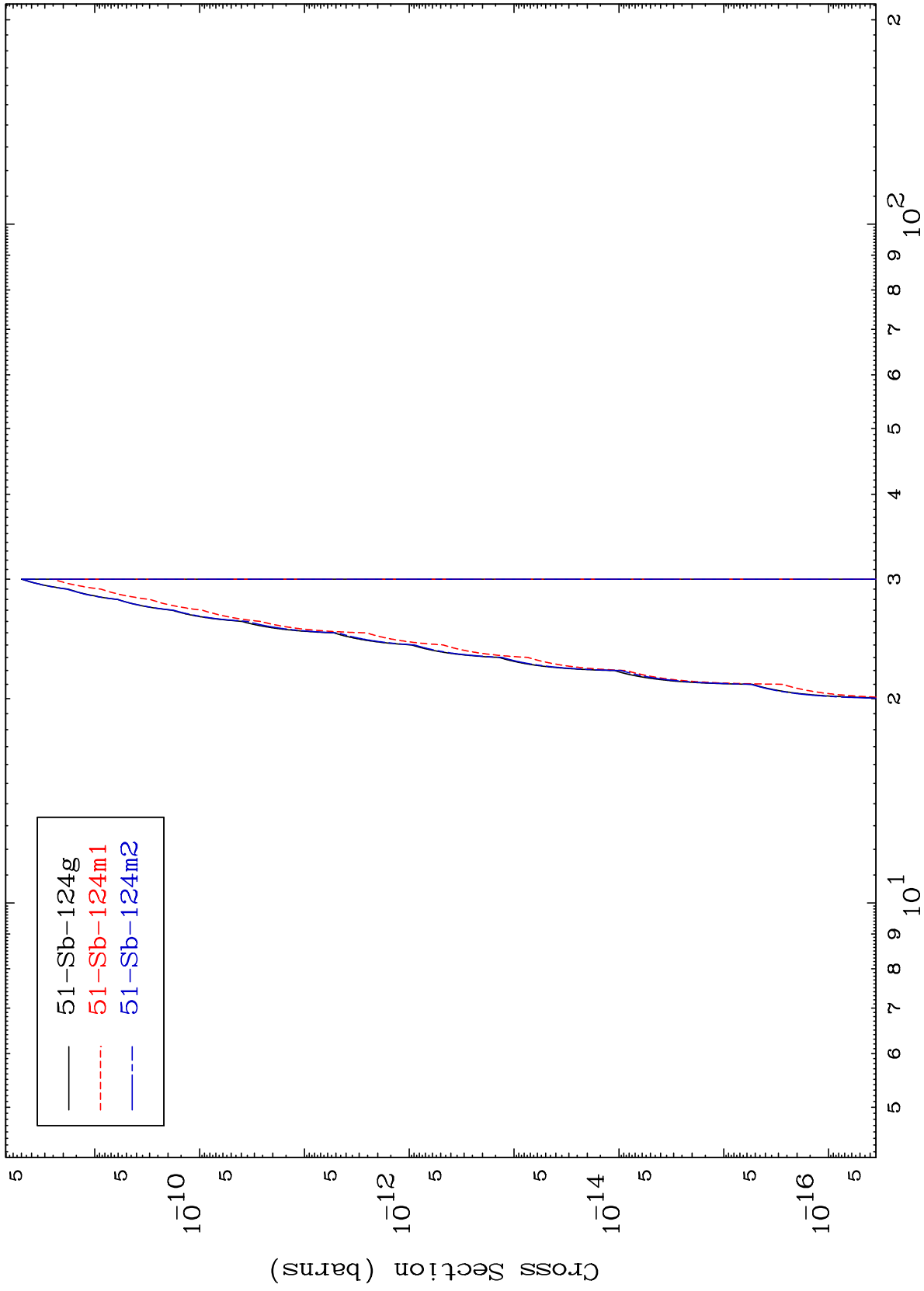
55-Cs-132

MAT 5522

(n,n') 2α

55-Cs-132

Radionuclide Production Cross Section



92

Incident Energy (MeV)

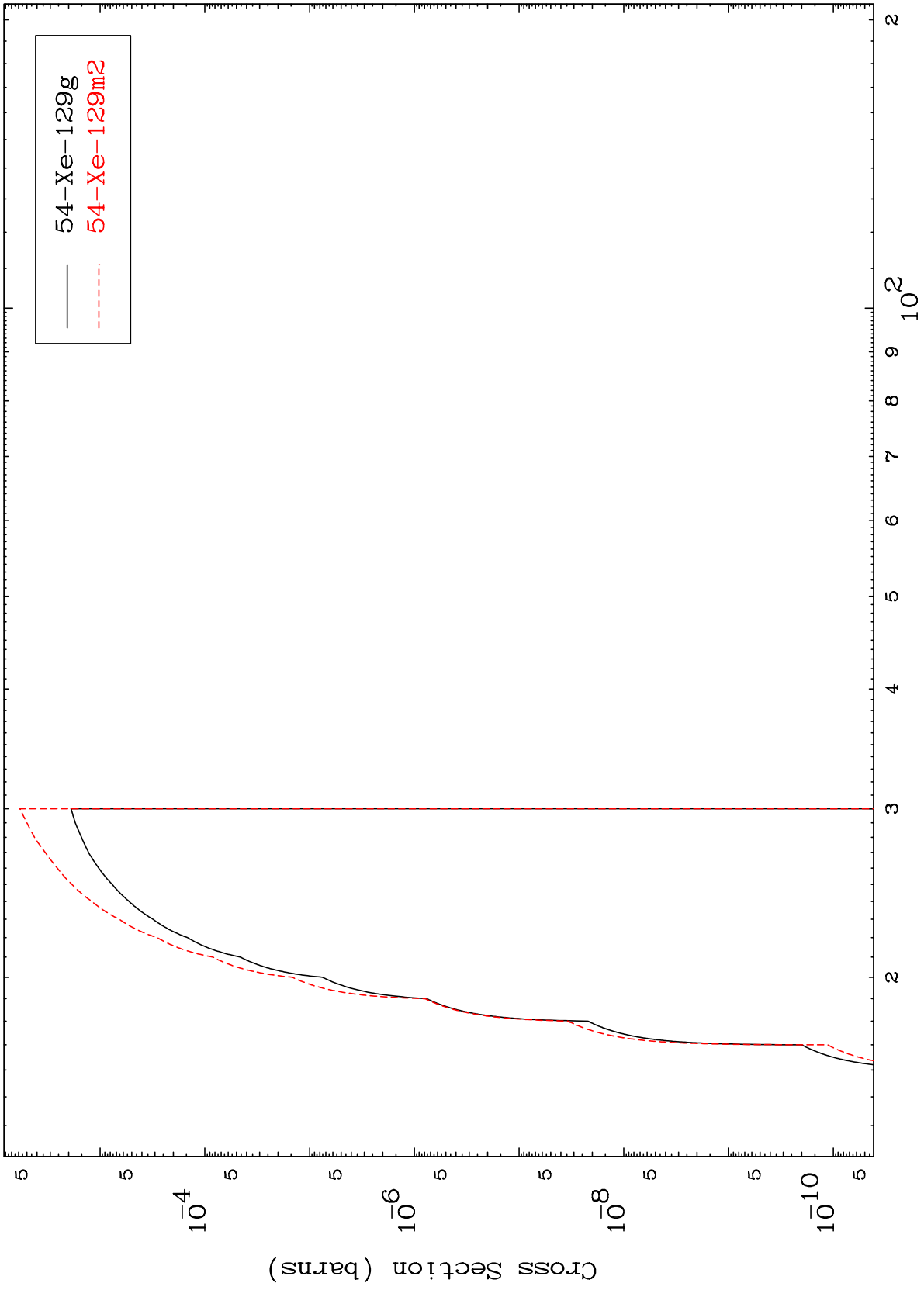
55-Cs-132

MAT 5522

(n,n') t

55-Cs-132

Radionuclide Production Cross Section



93

Incident Energy (MeV)

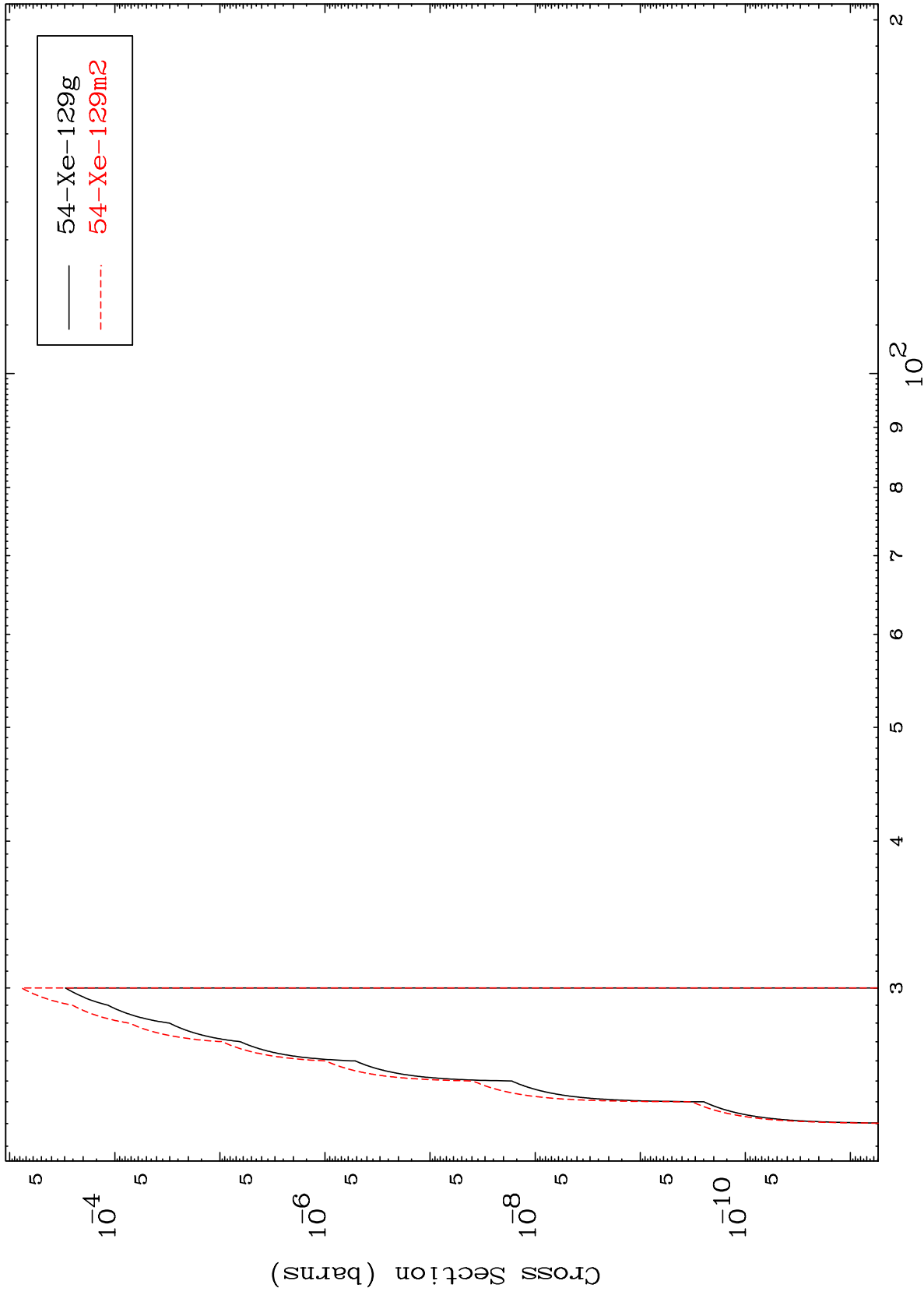
55-Cs-132

MAT 5522

(n,3n) p

55-Cs-132

Radionuclide Production Cross Section



94

Incident Energy (MeV)

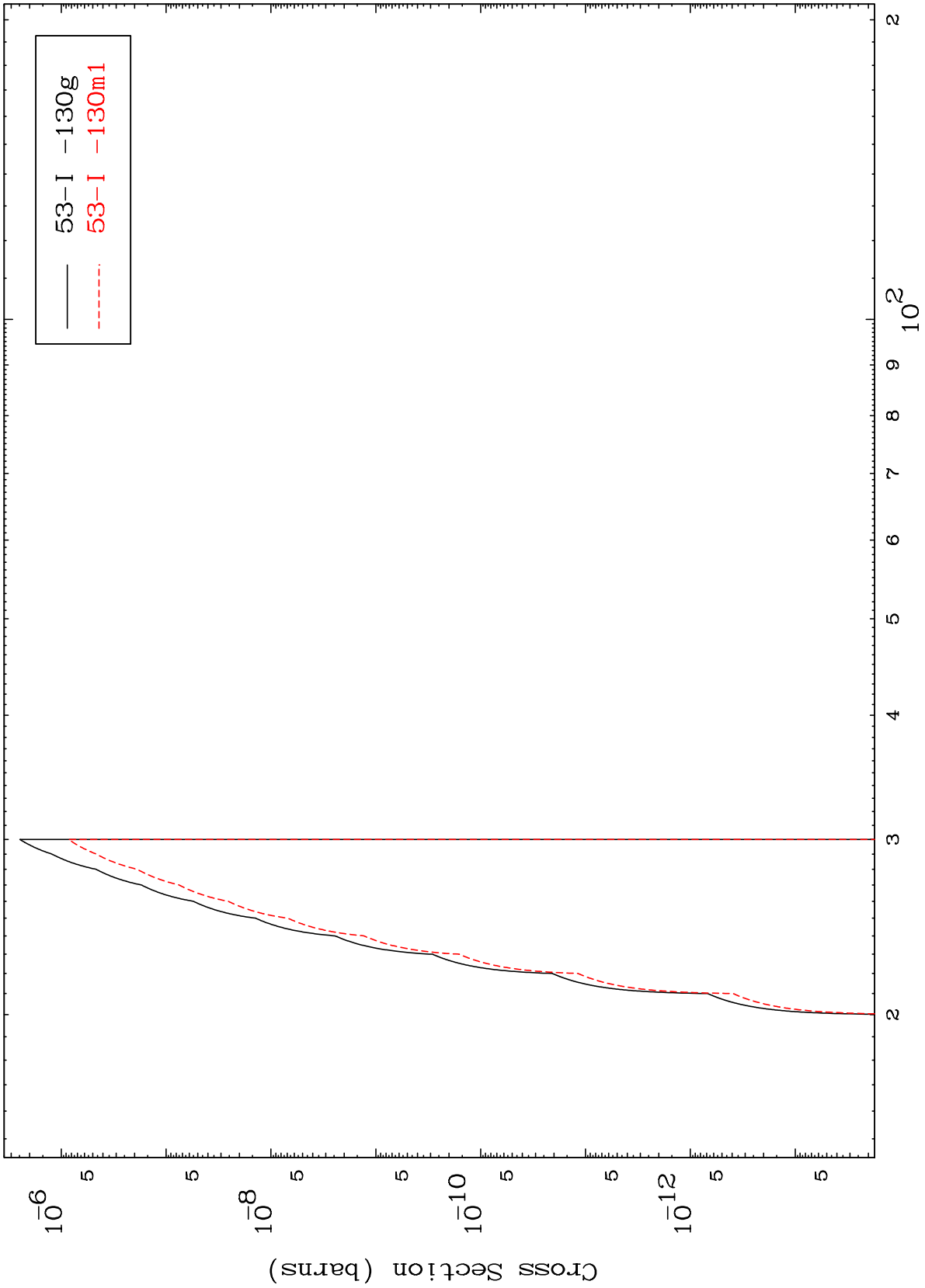
55-Cs-132

MAT 5522

(n,2n) p

55-Cs-132

Radionuclide Production Cross Section



53-I -130g
53-I -130m1

95

Incident Energy (MeV)

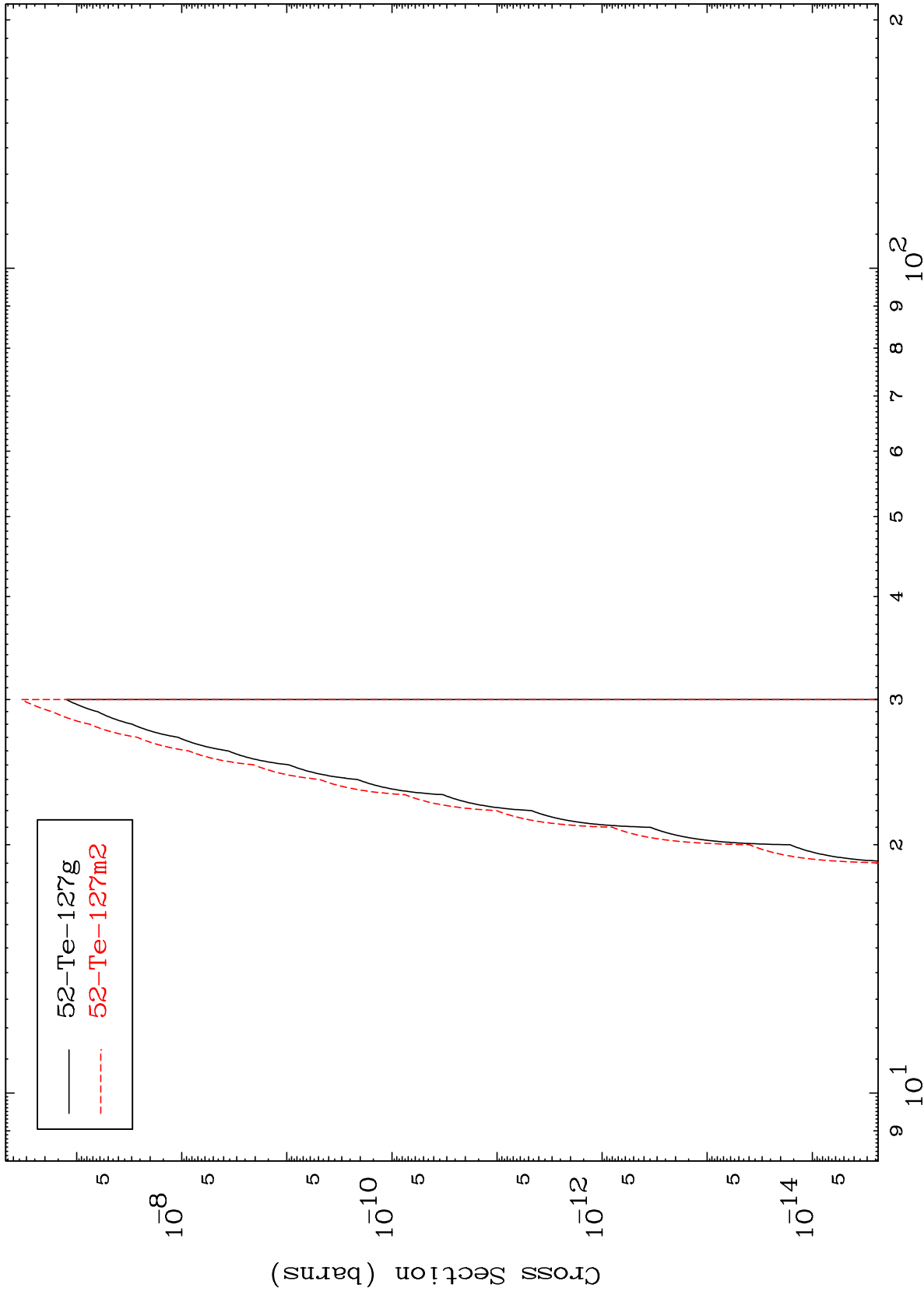
55-Cs-132

MAT 5522

(n,n') p α

55-Cs-132

Radionuclide Production Cross Section



96

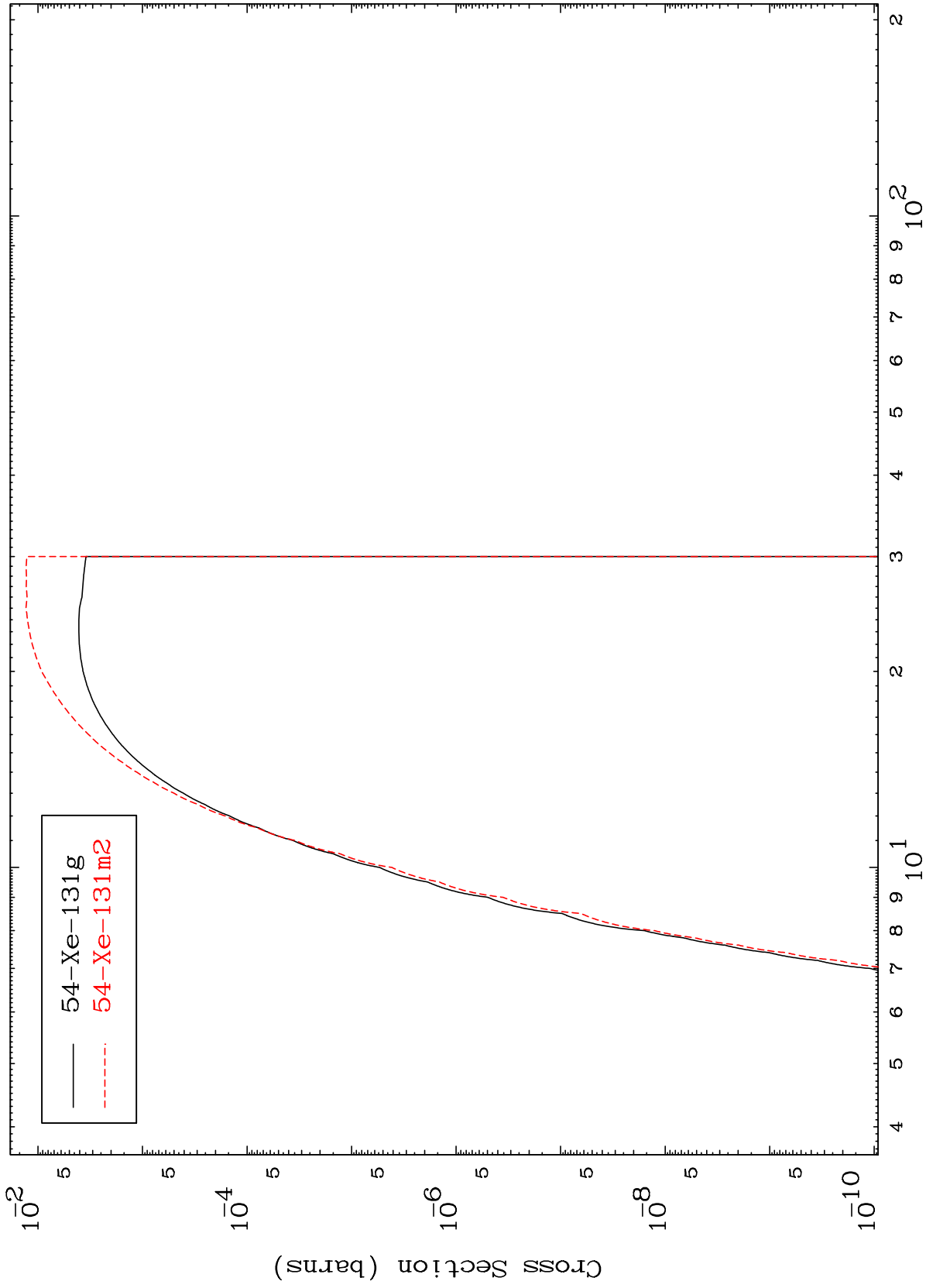
Incident Energy (MeV)

55-Cs-132

MAT 5522

55-Cs-132

(n,d)
Radionuclide Production Cross Section



97

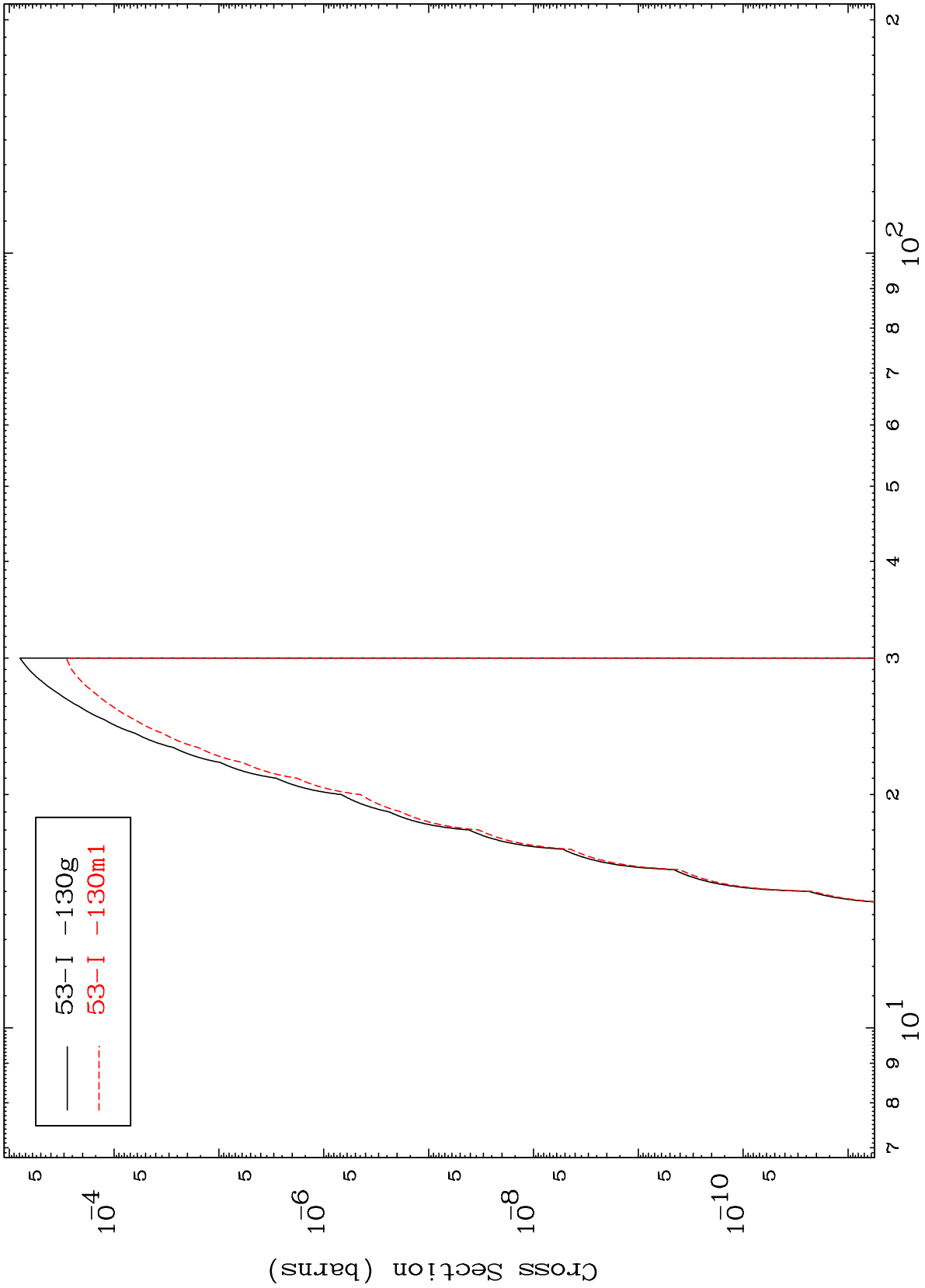
55-Cs-132

MAT 5522

(n, He-3)

55-Cs-132

Radionuclide Production Cross Section



98

Incident Energy (MeV)

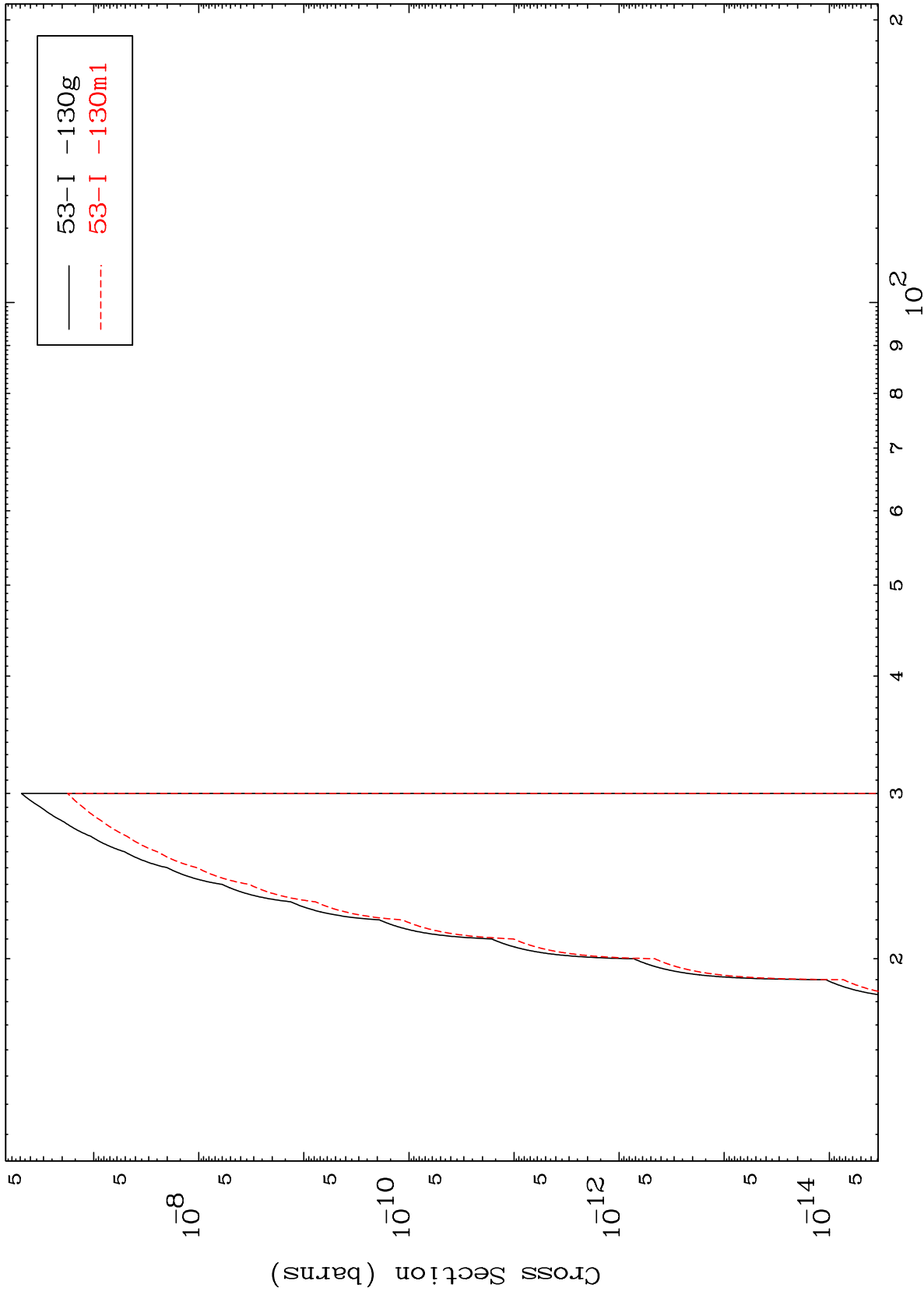
55-Cs-132

MAT 5522

(n,p) d

55-Cs-132

Radionuclide Production Cross Section



99

Incident Energy (MeV)

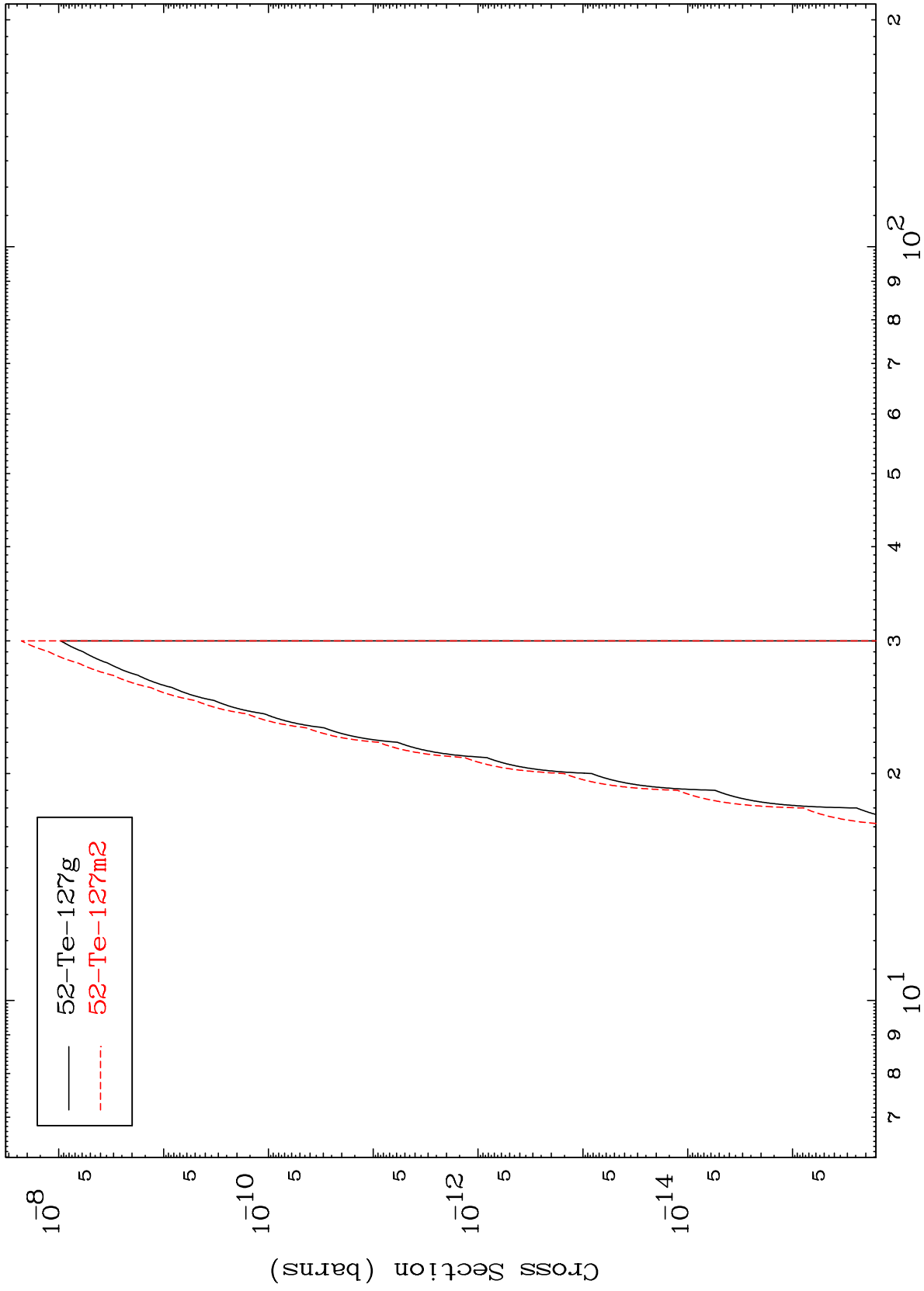
55-Cs-132

MAT 5522

(n,d) α

55-Cs-132

Radionuclide Production Cross Section



52-Te-127g
52-Te-127m2

100

Incident Energy (MeV)

55-Cs-132