

Program EVALPLOT
(Version 2018-1)

by

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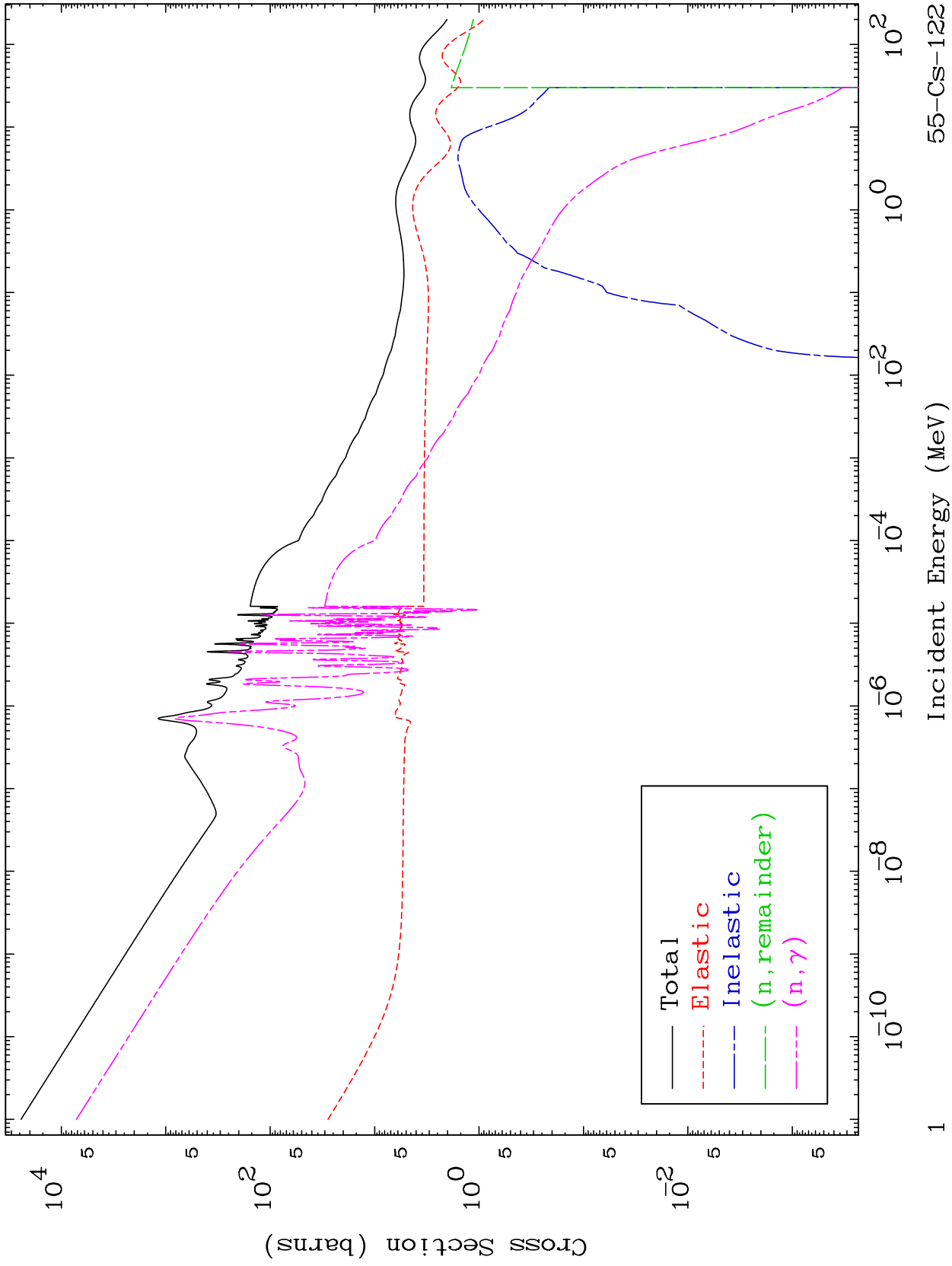
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5492

Major
293 Kelvin Cross Sections

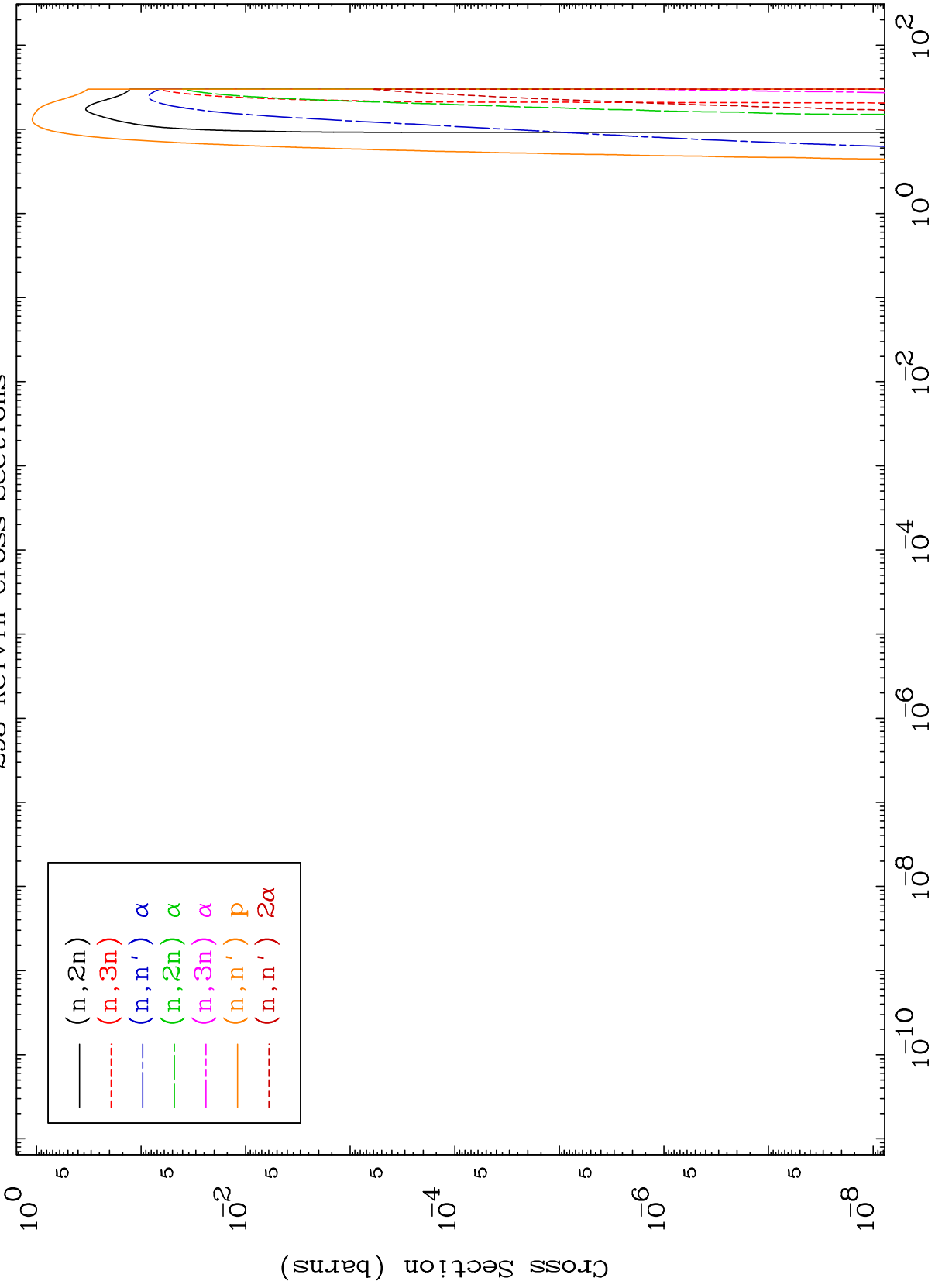
55-Cs-122

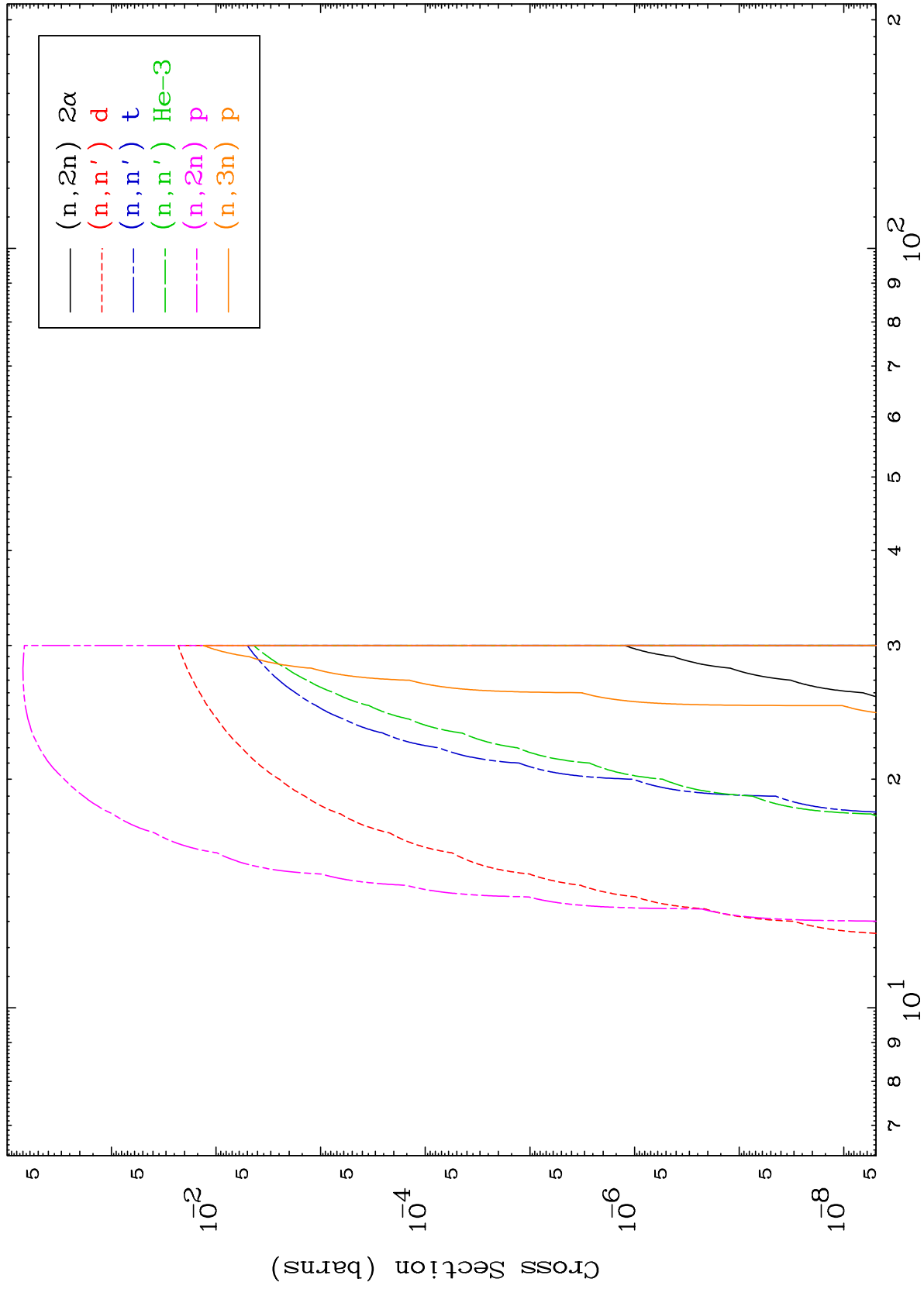


MAT 5492

Neutron Production
293 Kelvin Cross Sections

55-Cs-122

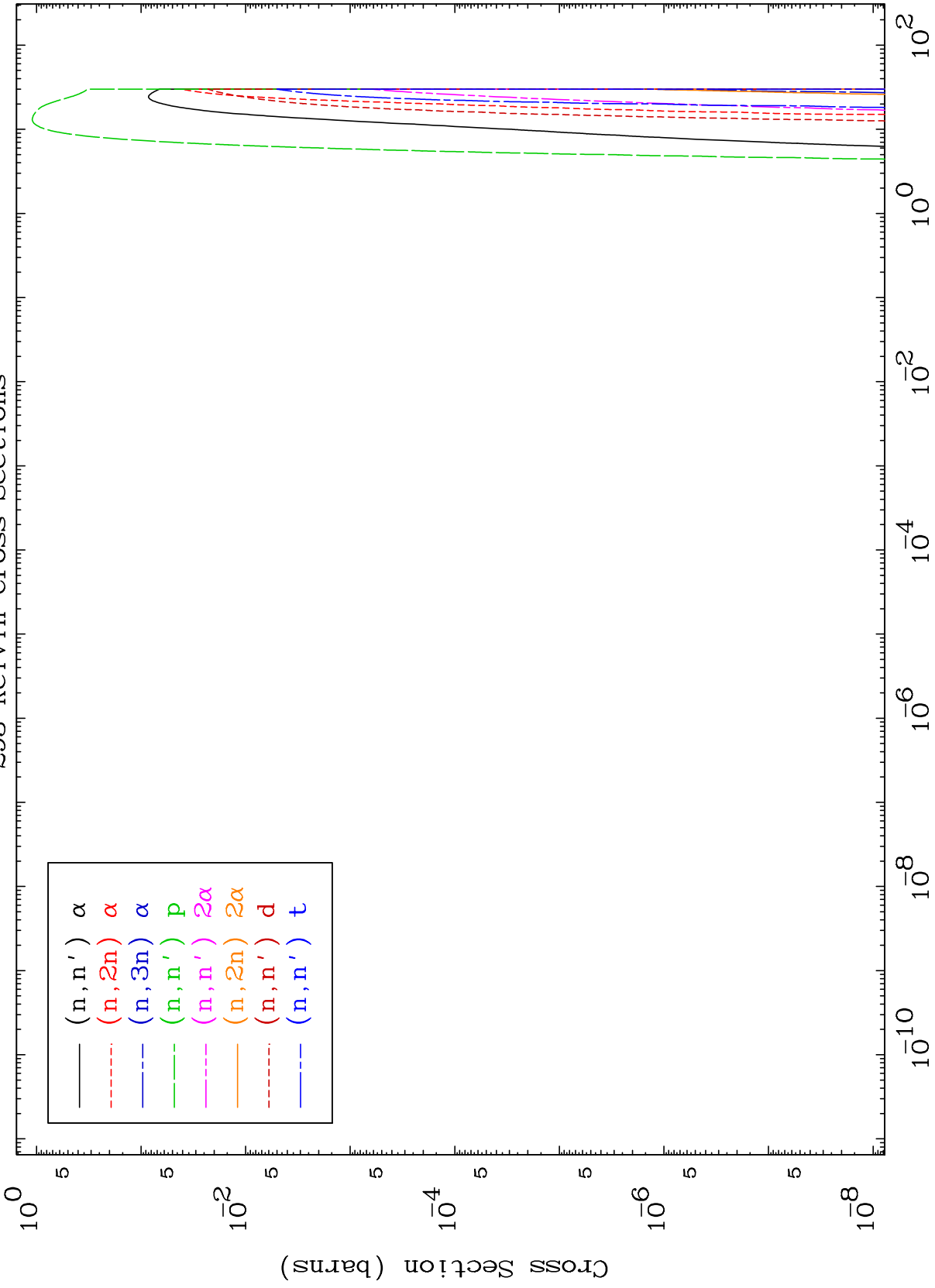




MAT 5492

293 Charged Particle
Kelvin Cross Sections

55-Cs-122

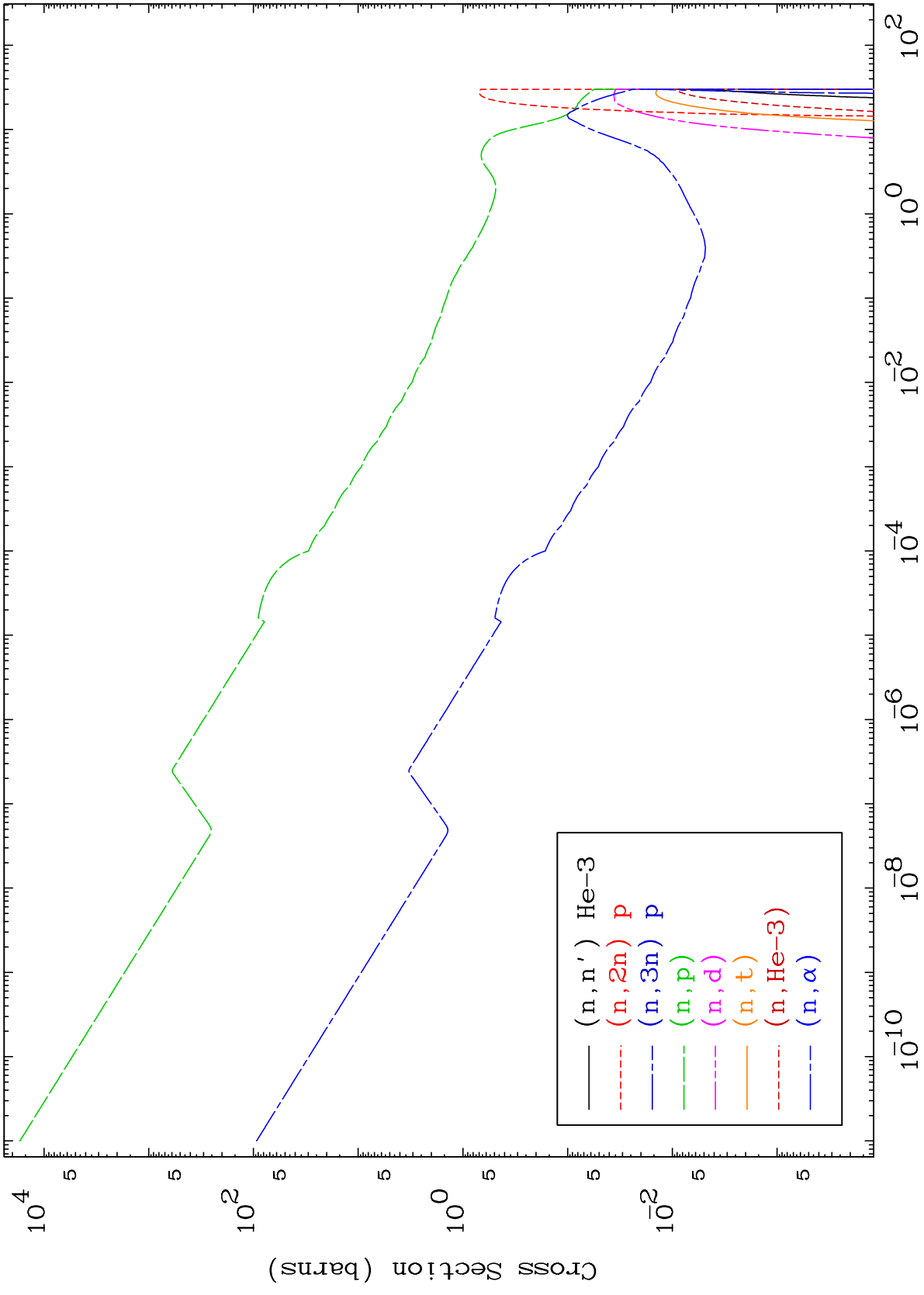


55-Cs-122

MAT 5492

Charged Particle
293 Kelvin Cross Sections

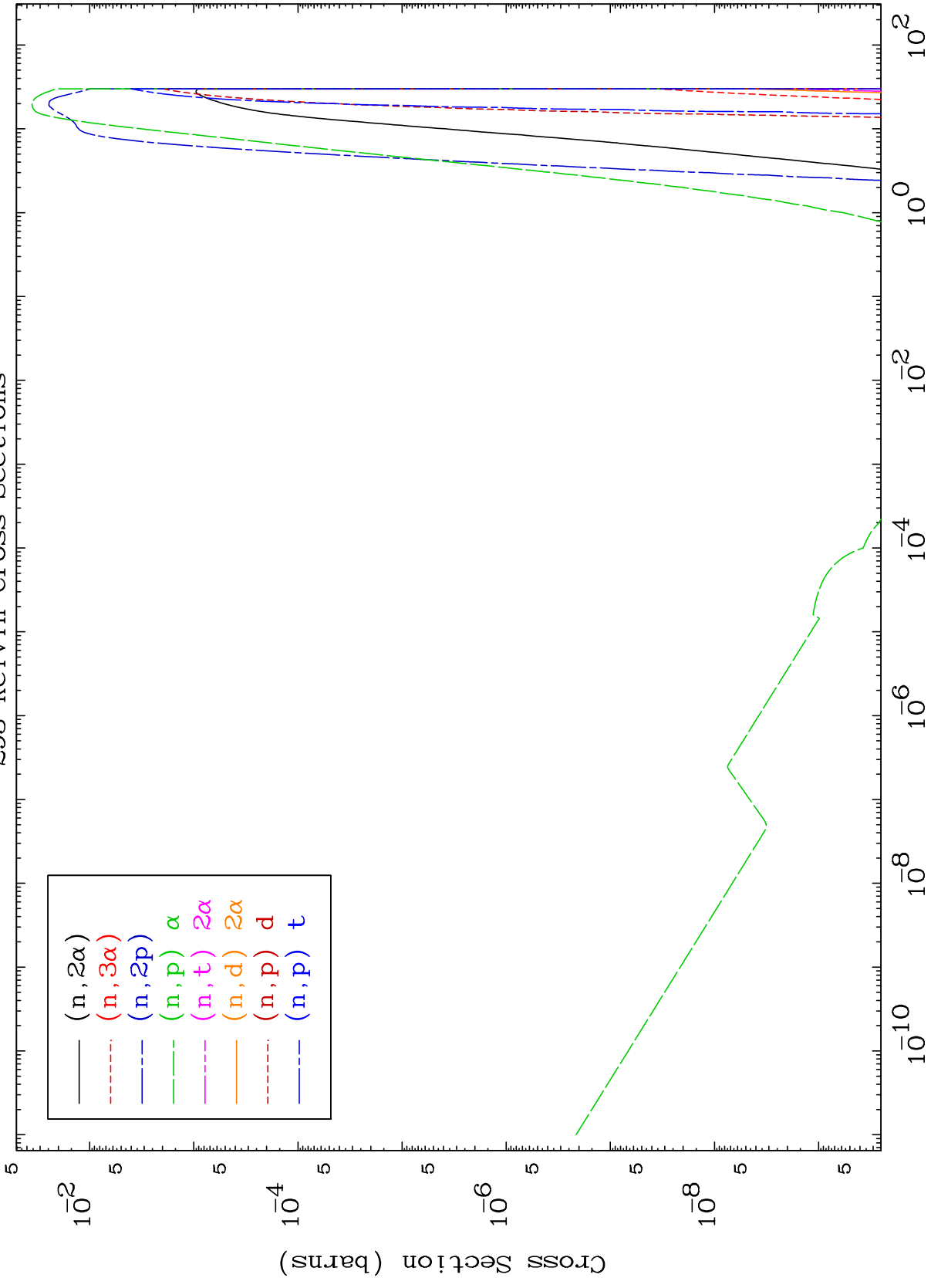
55-Cs-122



MAT 5492

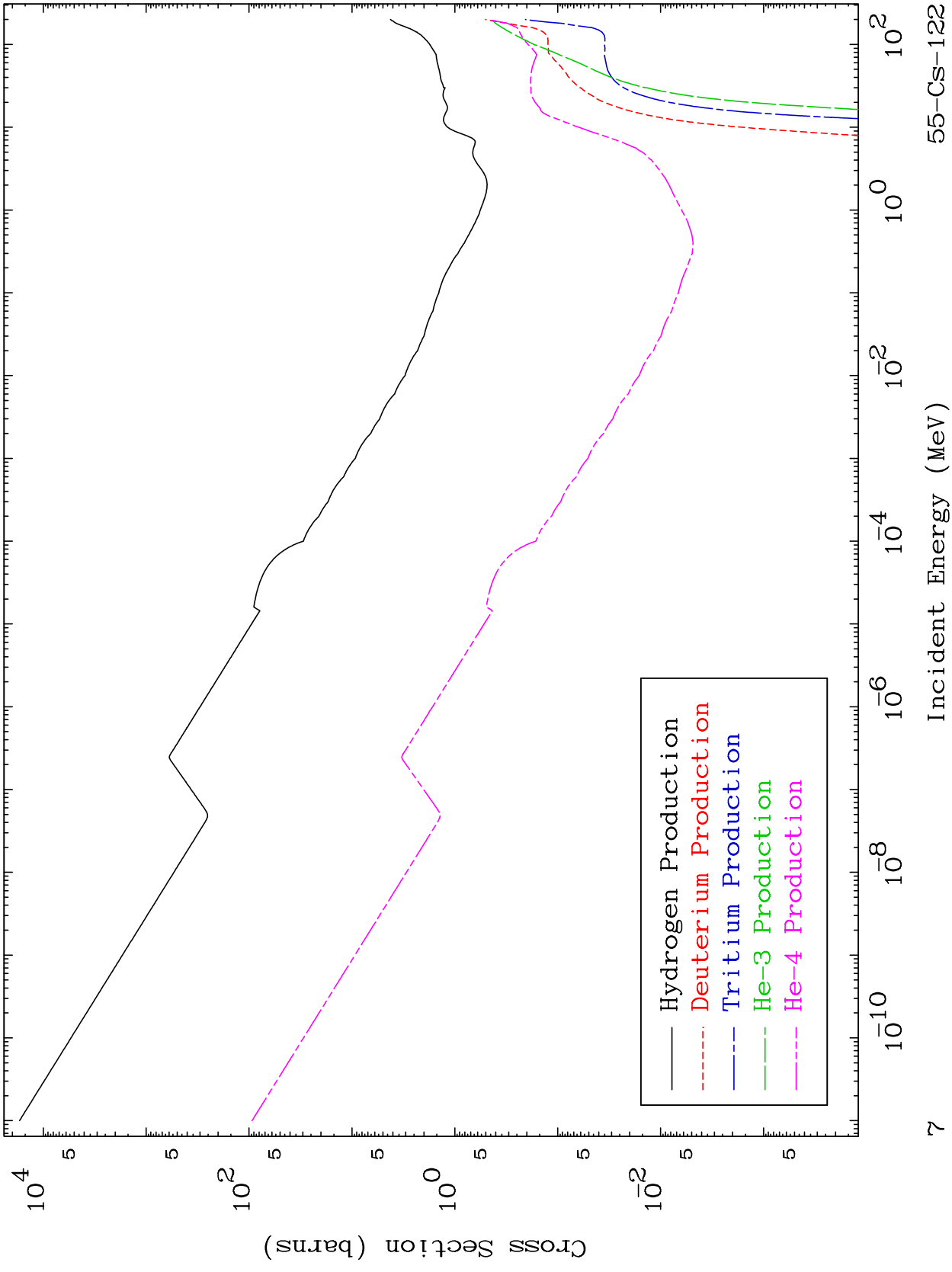
293 Kelvin Cross Sections

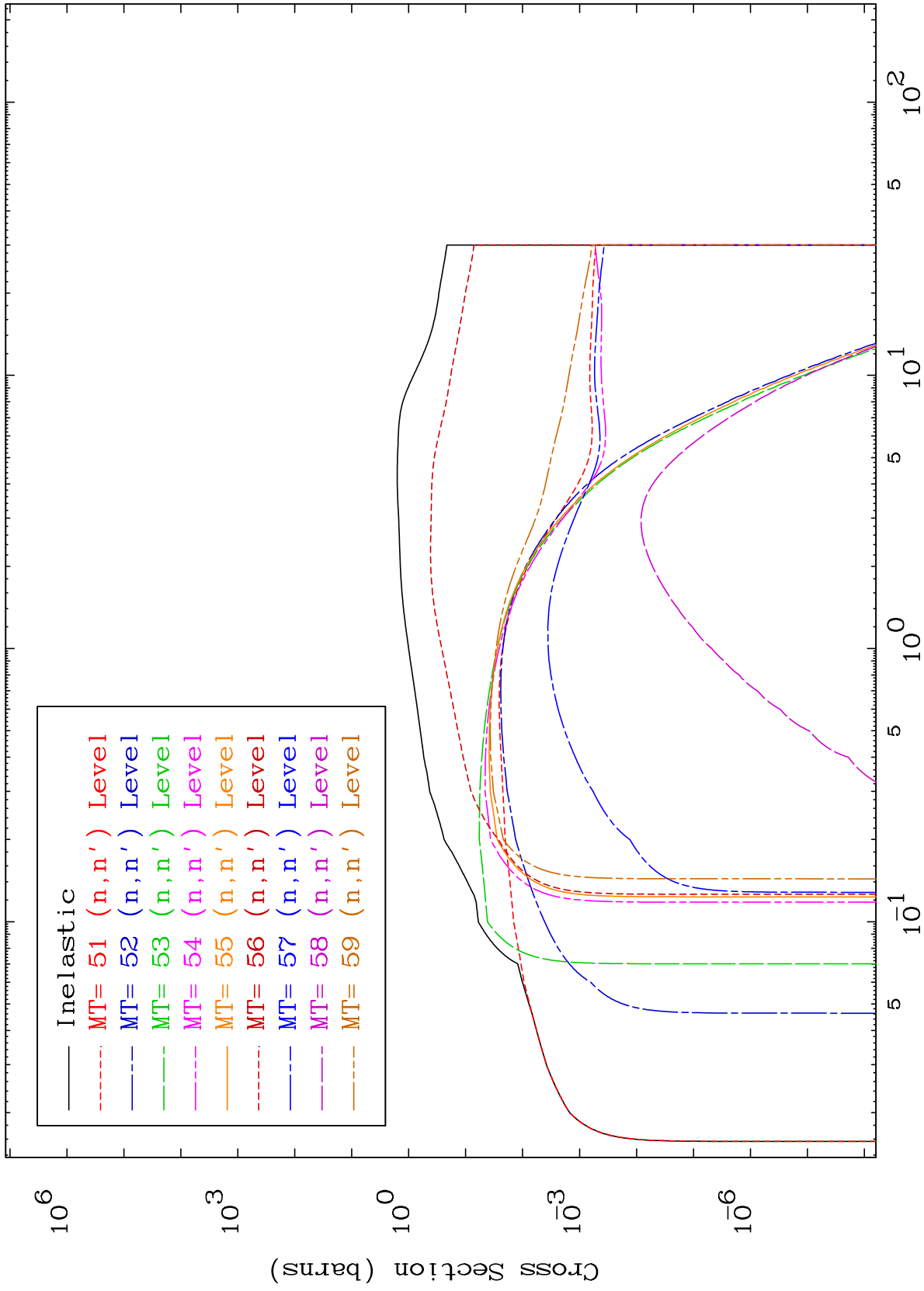
55-Cs-122



6

55-Cs-122

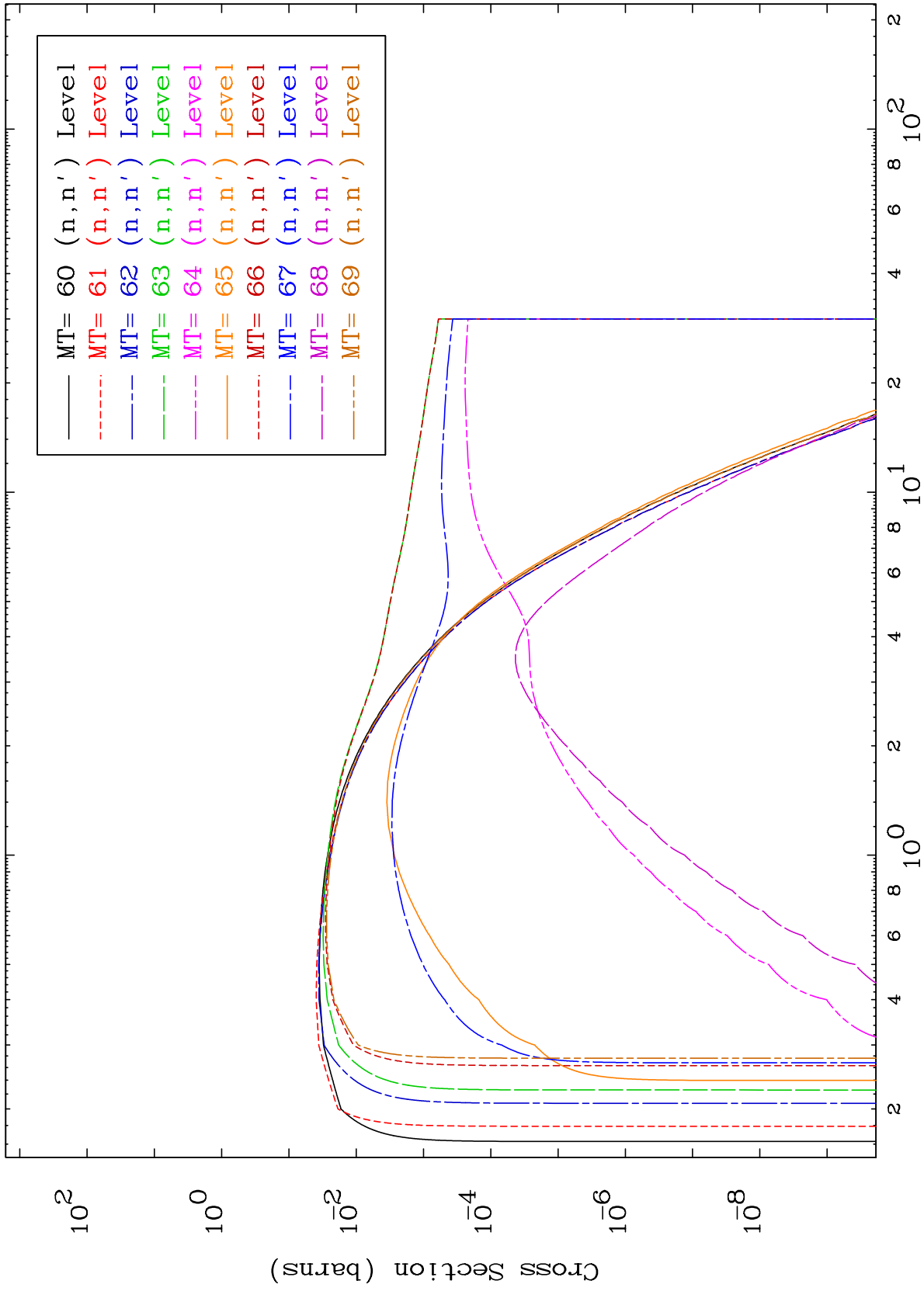




MAT 5492

(n,n') Level
293 Kelvin Cross Sections

55-Cs-122



9

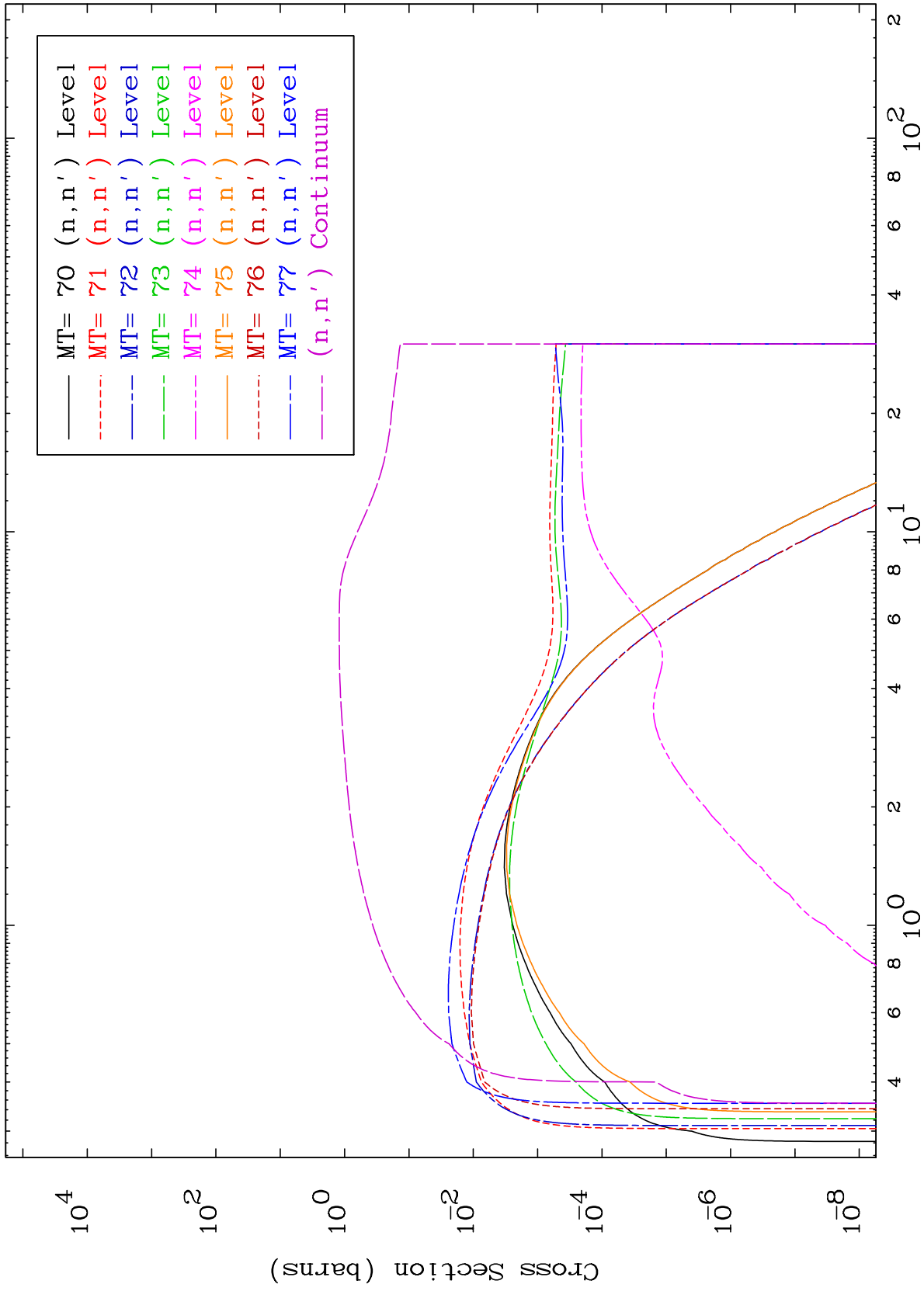
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,n') Level
293 Kelvin Cross Sections

55-Cs-122



10

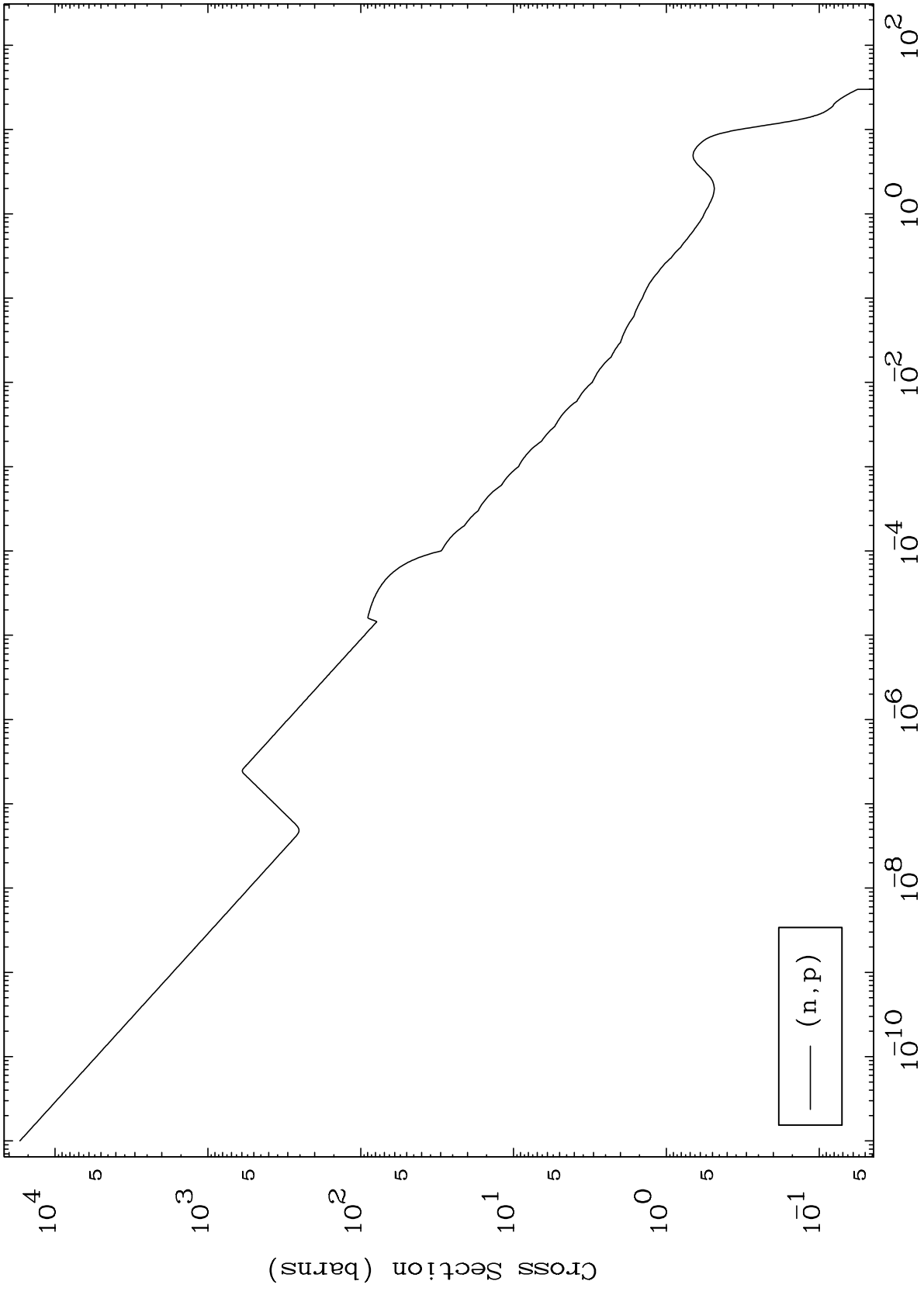
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,p) Levels
293 Kelvin Cross Sections

55-Cs-122

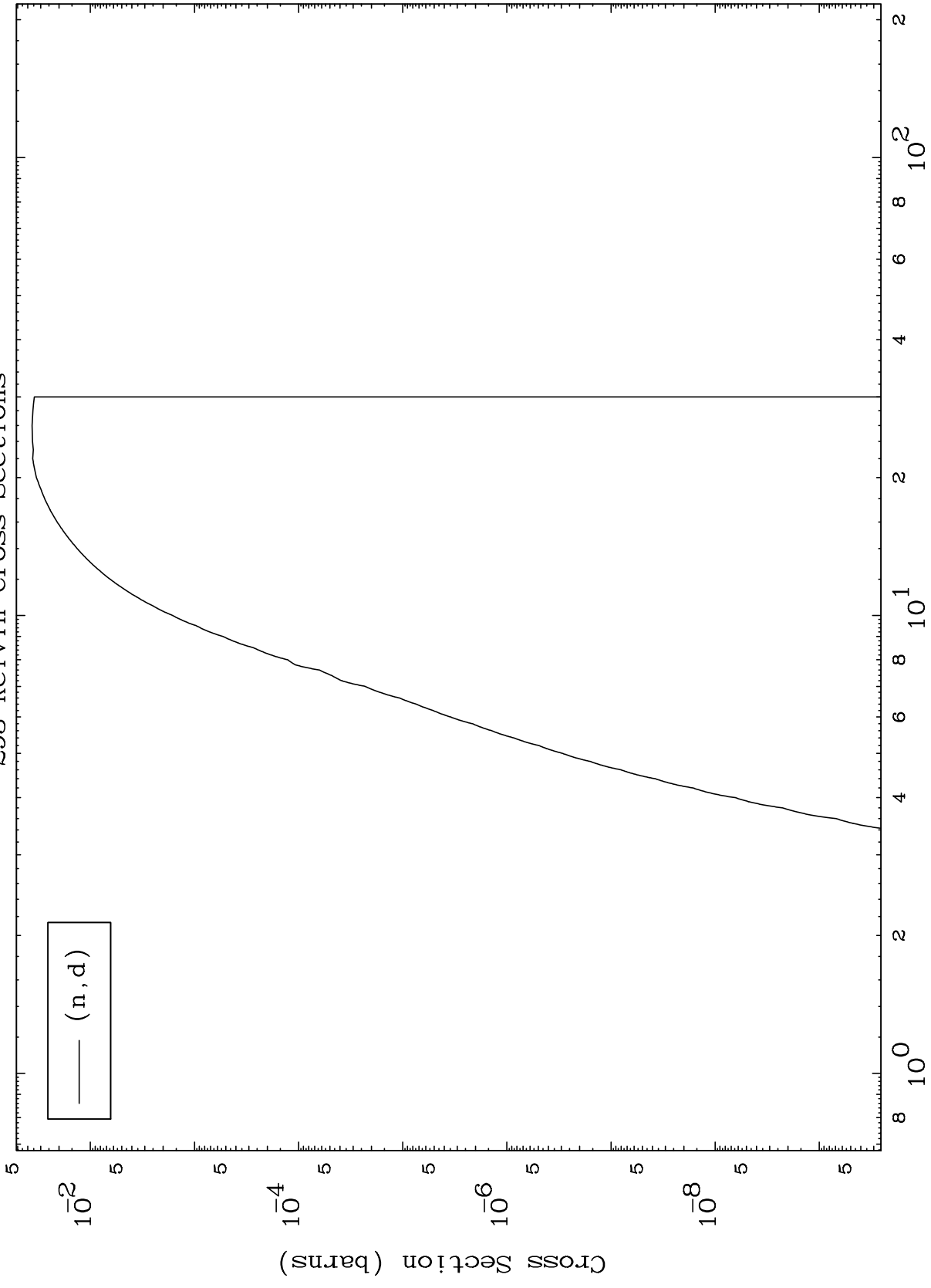


55-Cs-122

MAT 5492

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-122



12

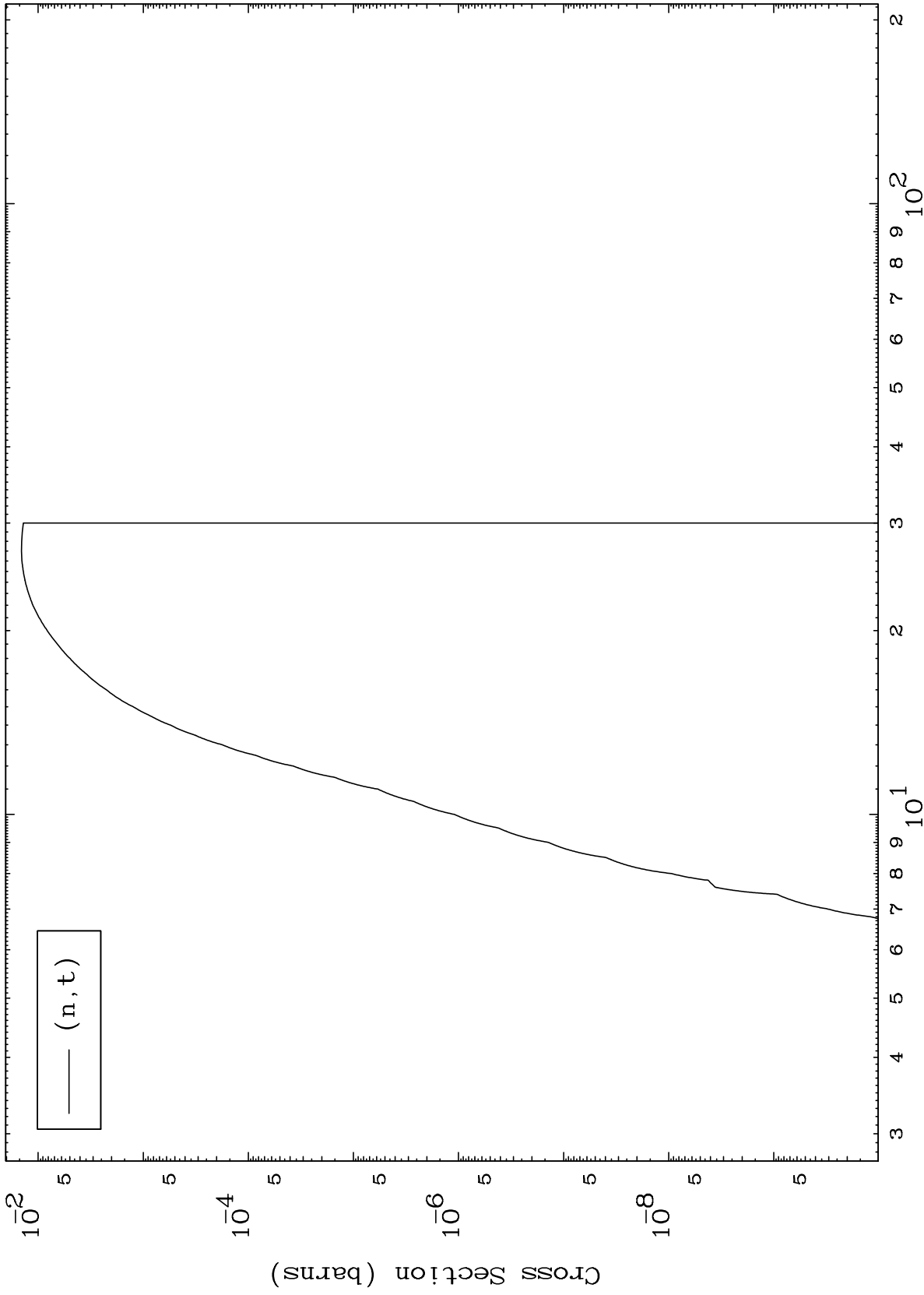
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-122



13

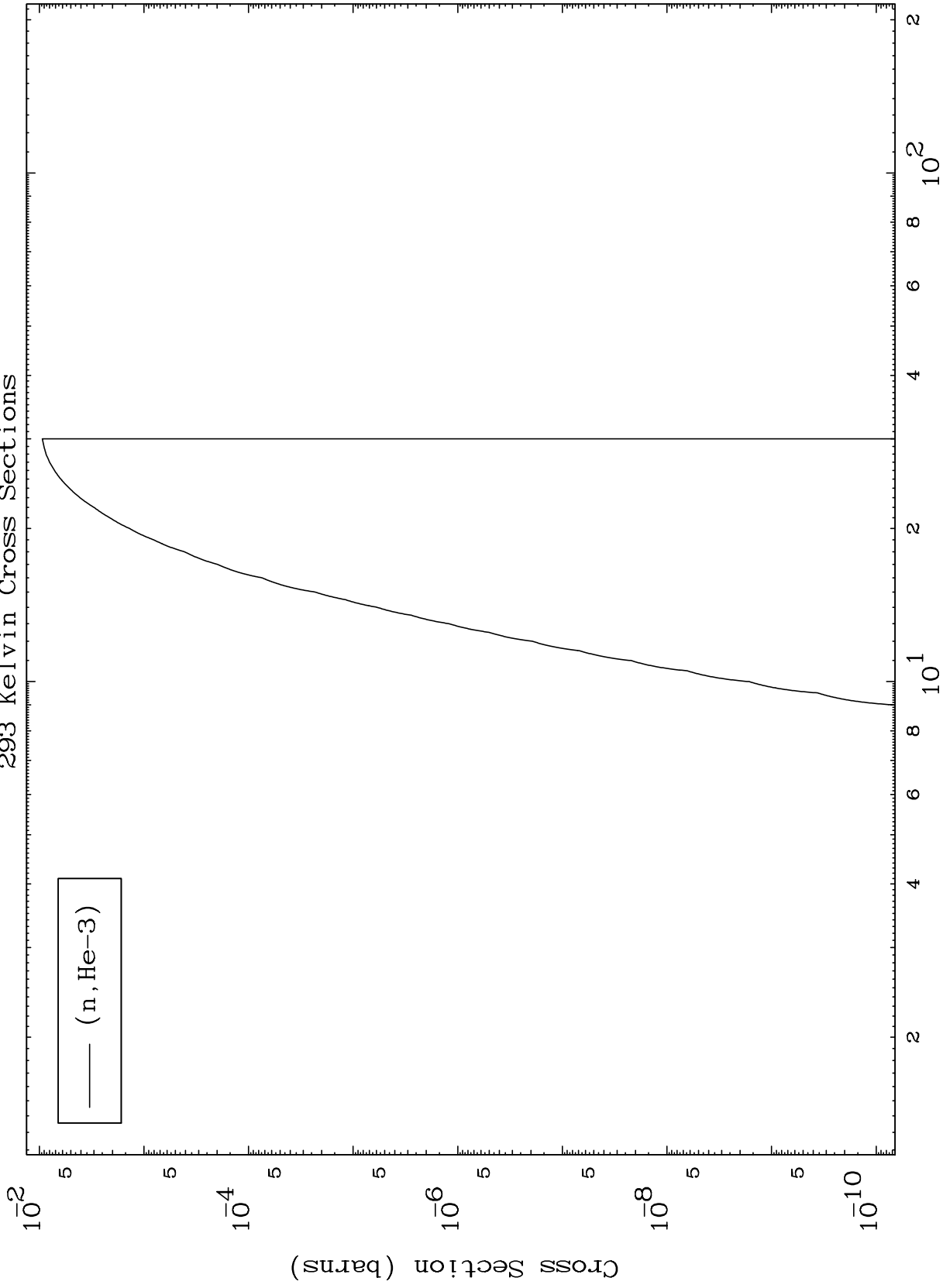
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-122



14

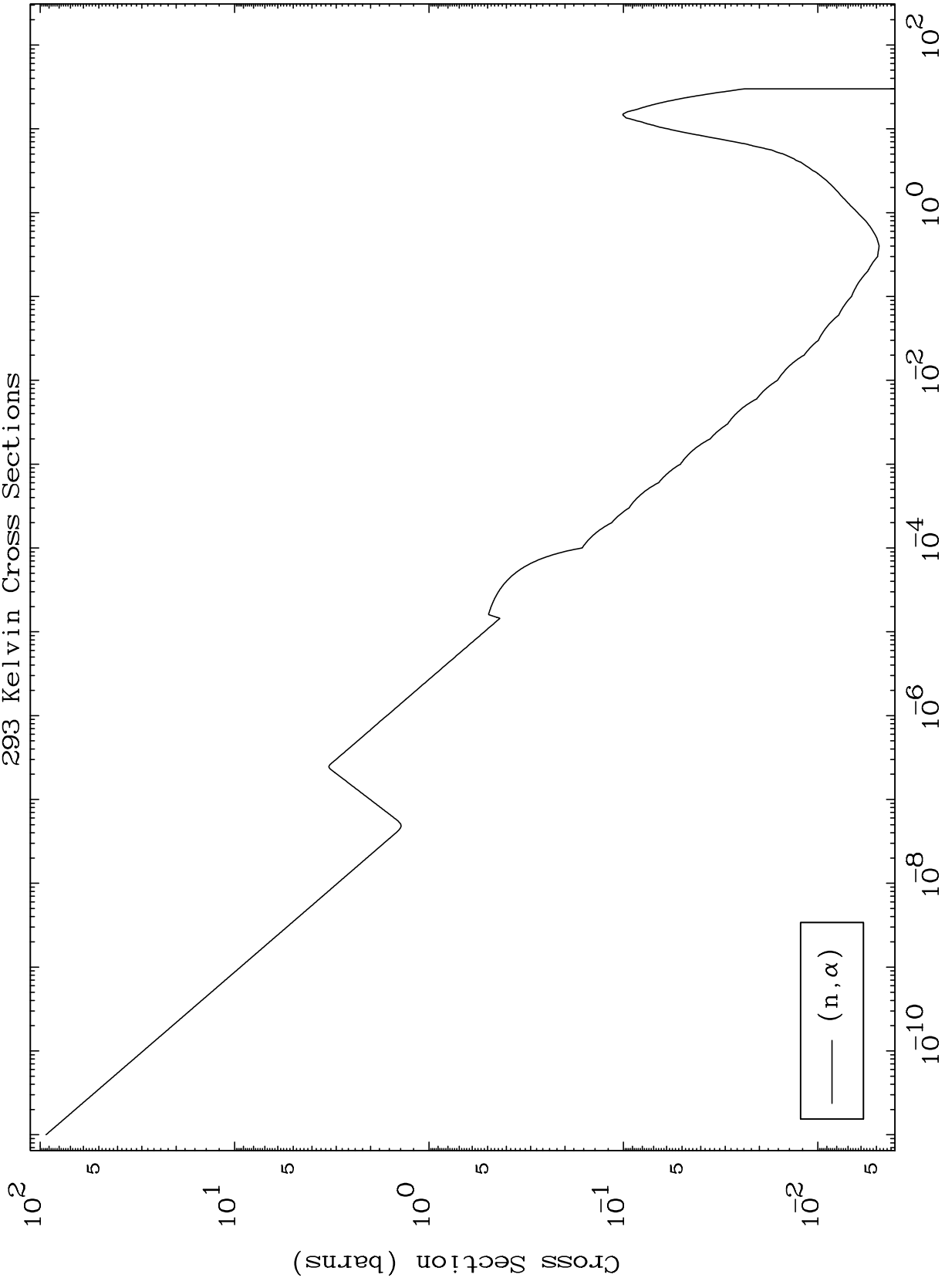
Incident Energy (MeV)

55-Cs-122

MAT 5492

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-122

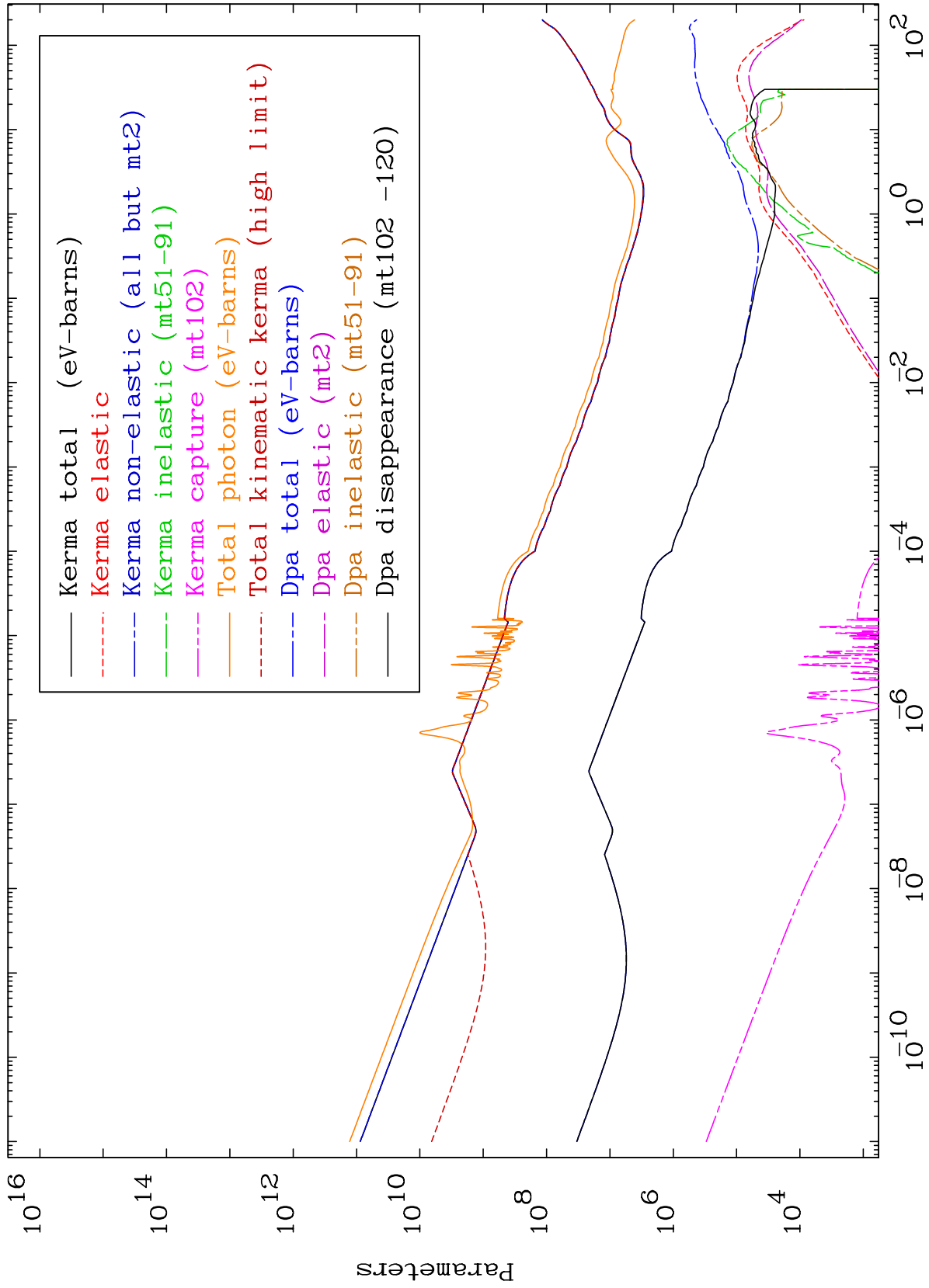


15

Incident Energy (MeV)

55-Cs-122

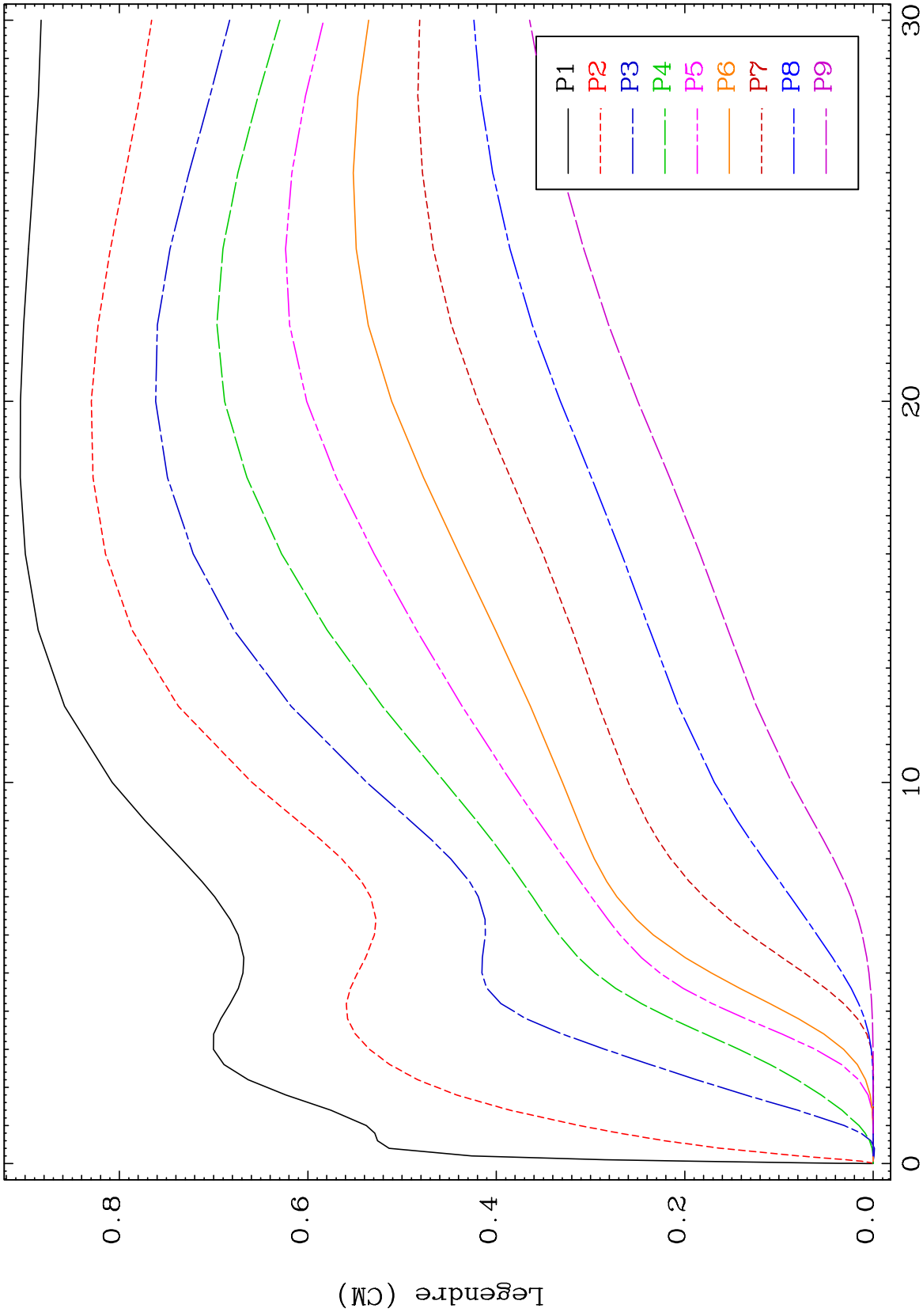
— (n,α)



MAT 5492

Elastic Legendre Coefficients

55-Cs-122



17

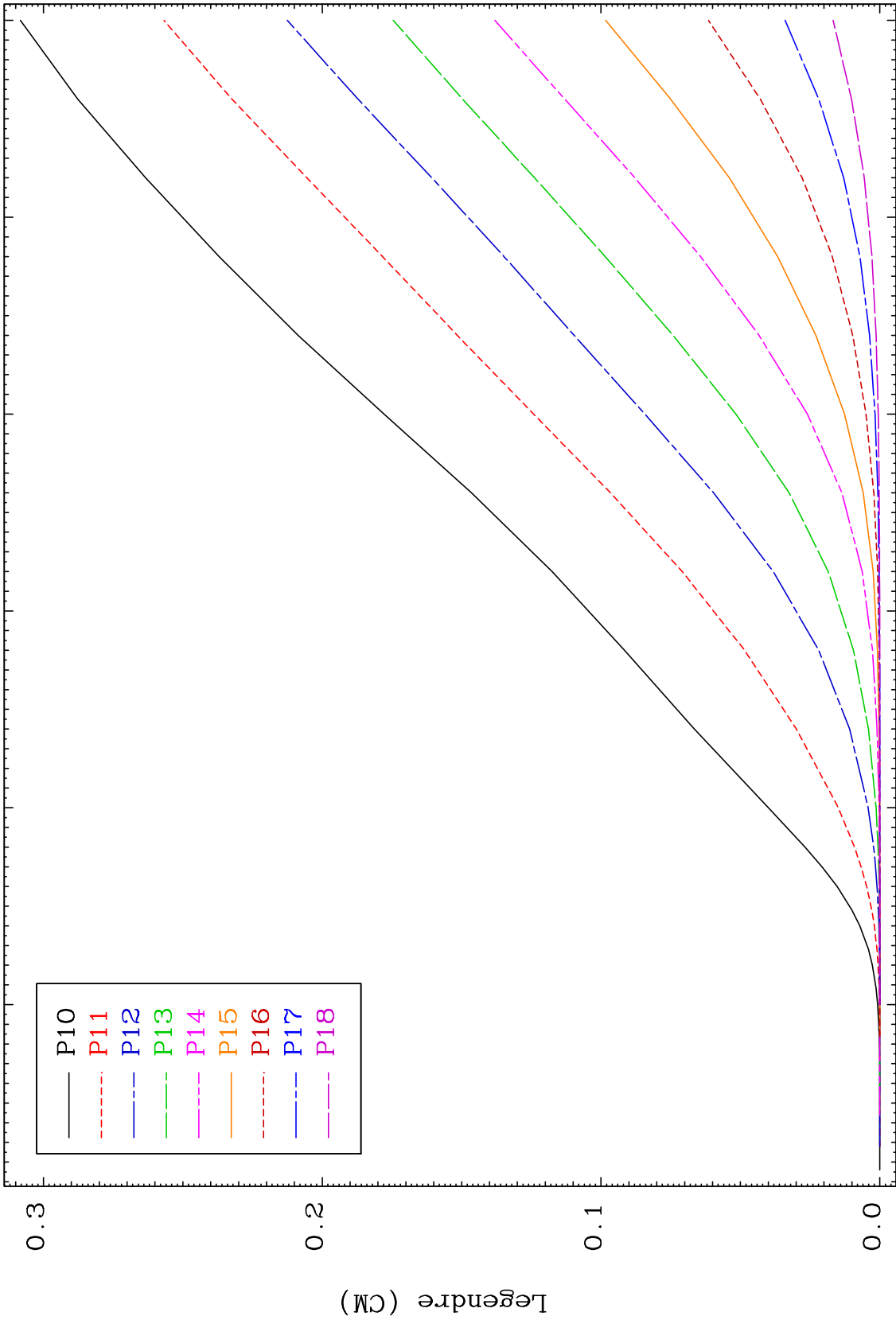
Incident Energy (MeV)

55-Cs-122

MAT 5492

Elastic Legendre Coefficients

55-Cs-122



18

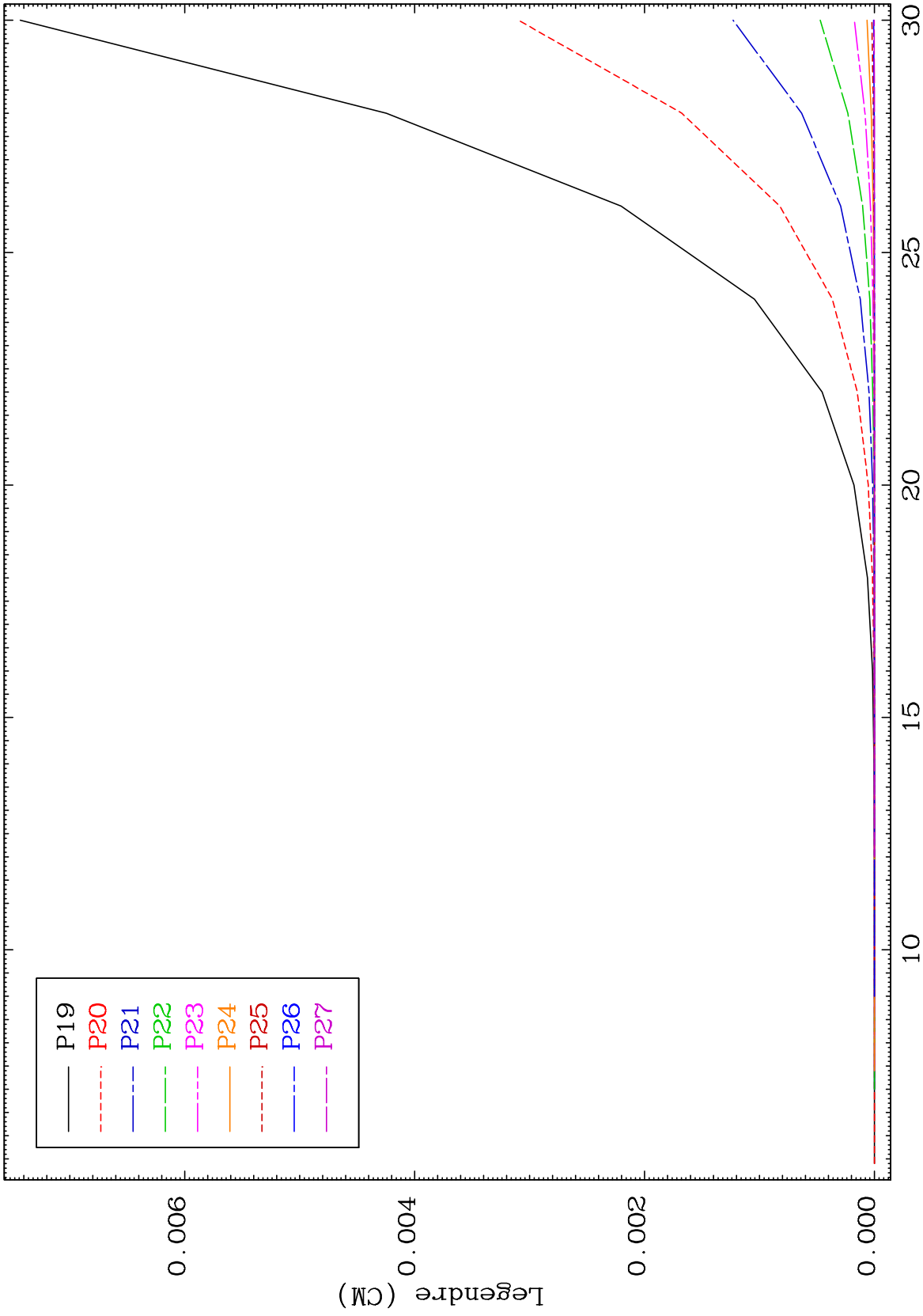
Incident Energy (MeV)

55-Cs-122

MAT 5492

Elastic Legendre Coefficients

55-Cs-122



19

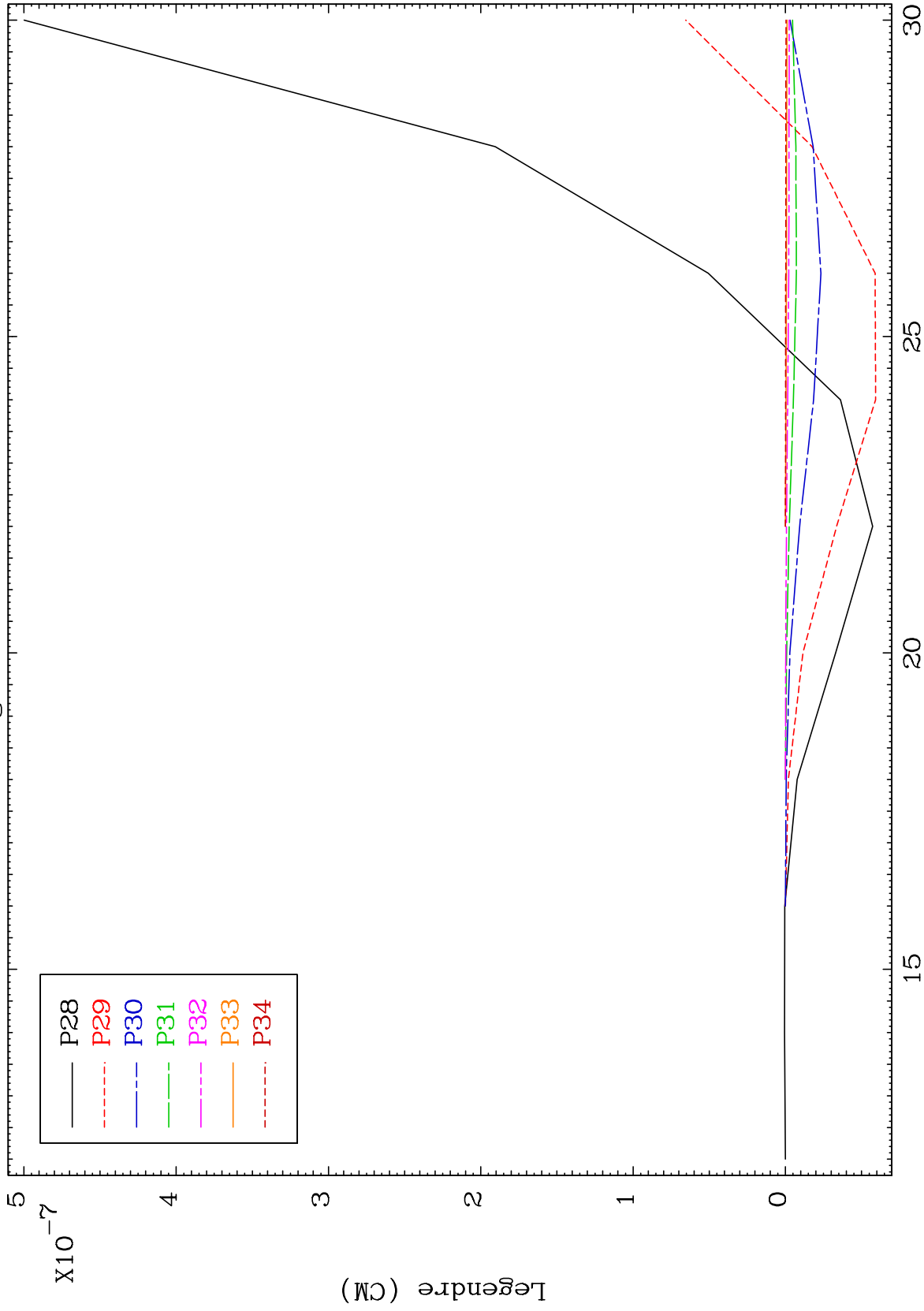
Incident Energy (MeV)

55-Cs-122

MAT 5492

Elastic Legendre Coefficients

55-Cs-122



20

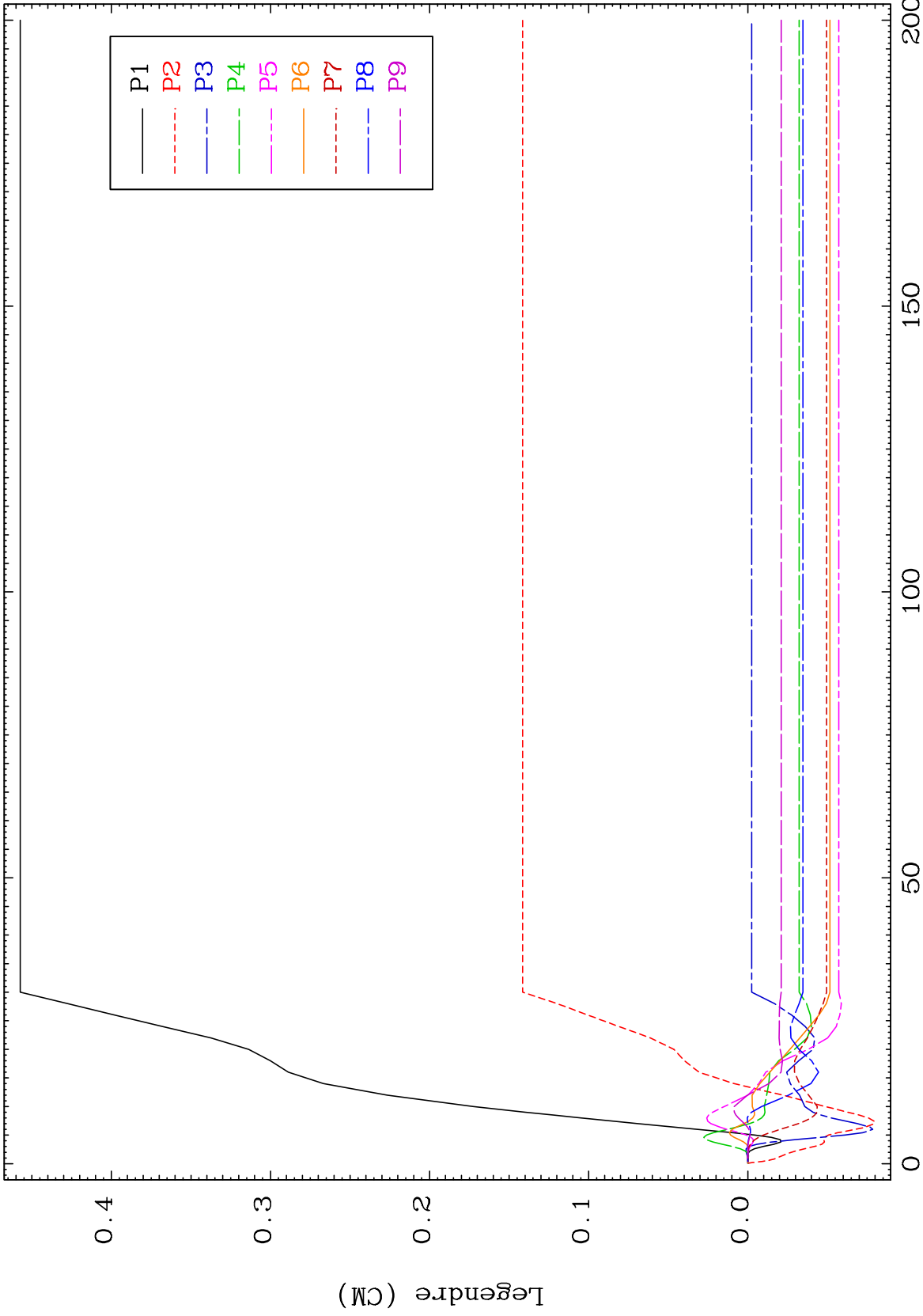
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



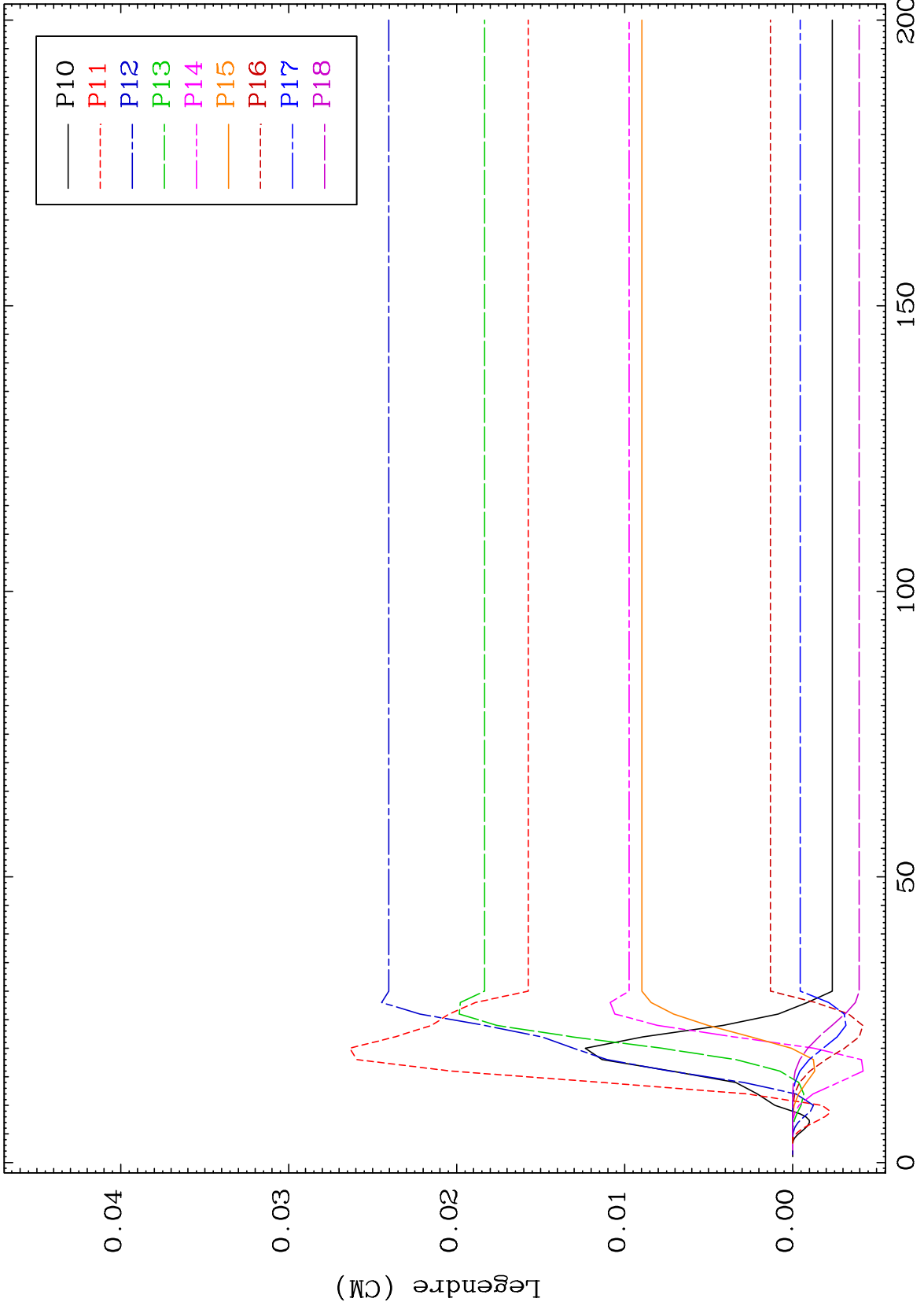
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55-Cs-122

MAT 5492

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

55-Cs-122



0

50

100

150

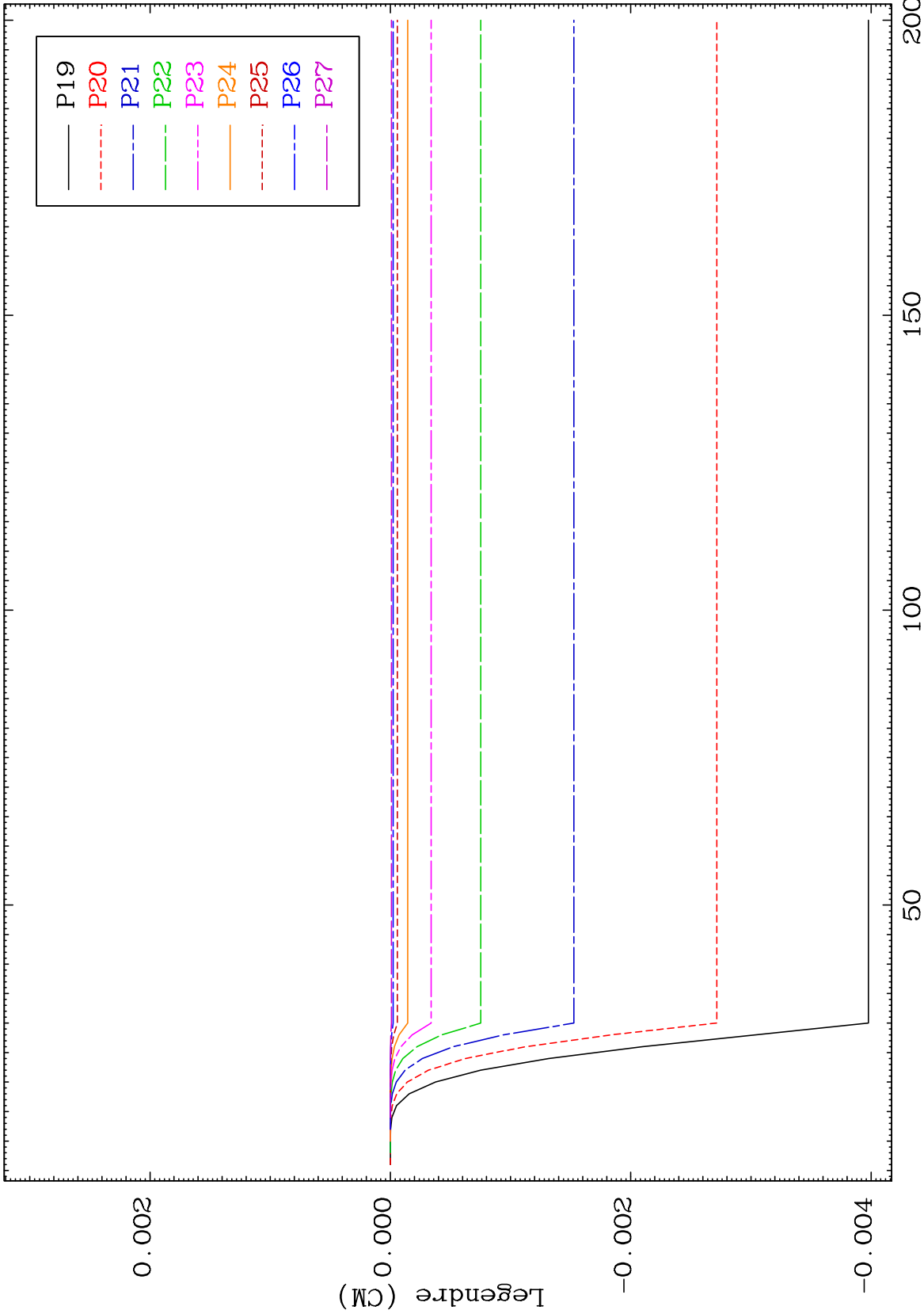
200

55-Cs-122

MAT 5492

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

55-Cs-122



23

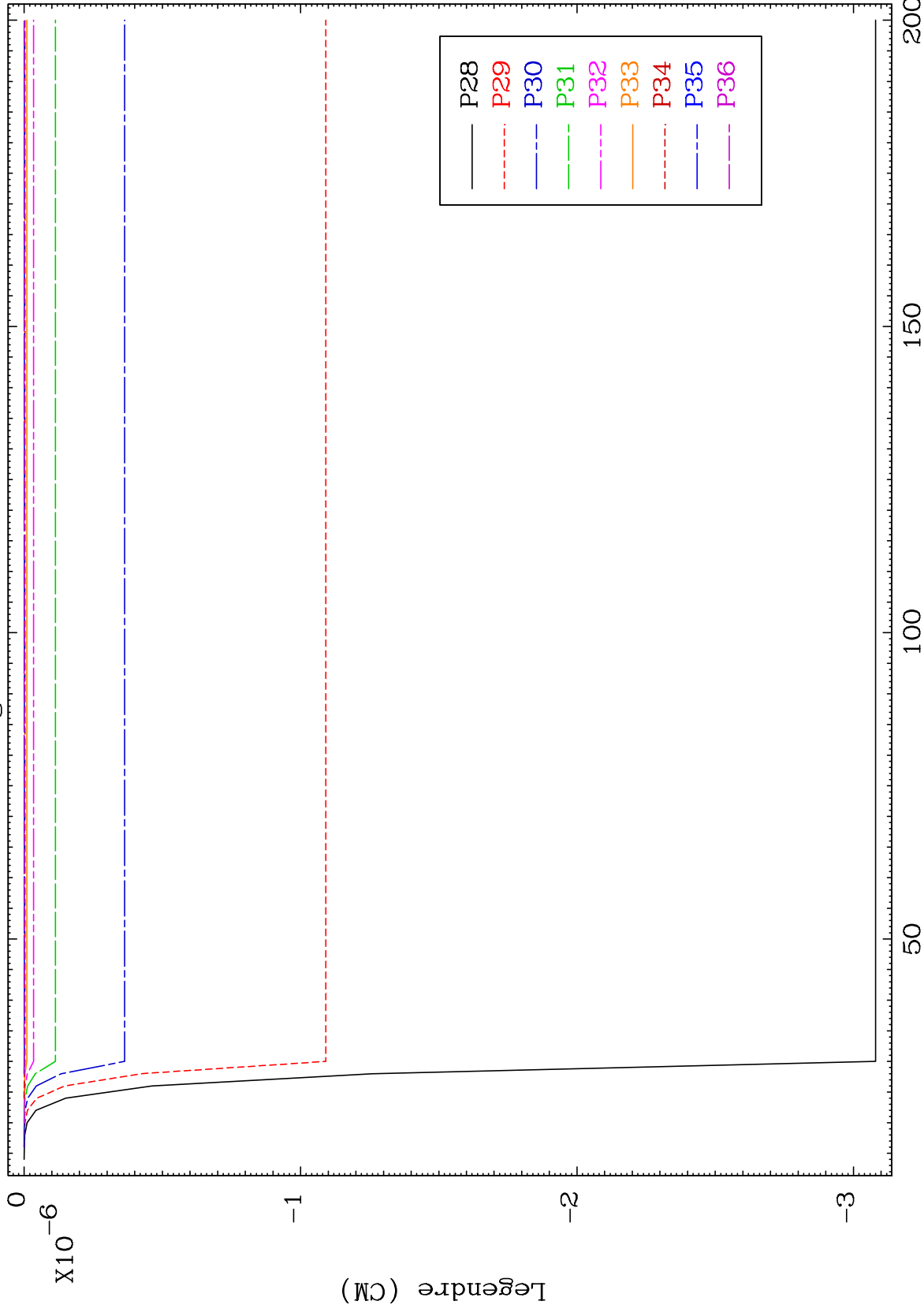
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

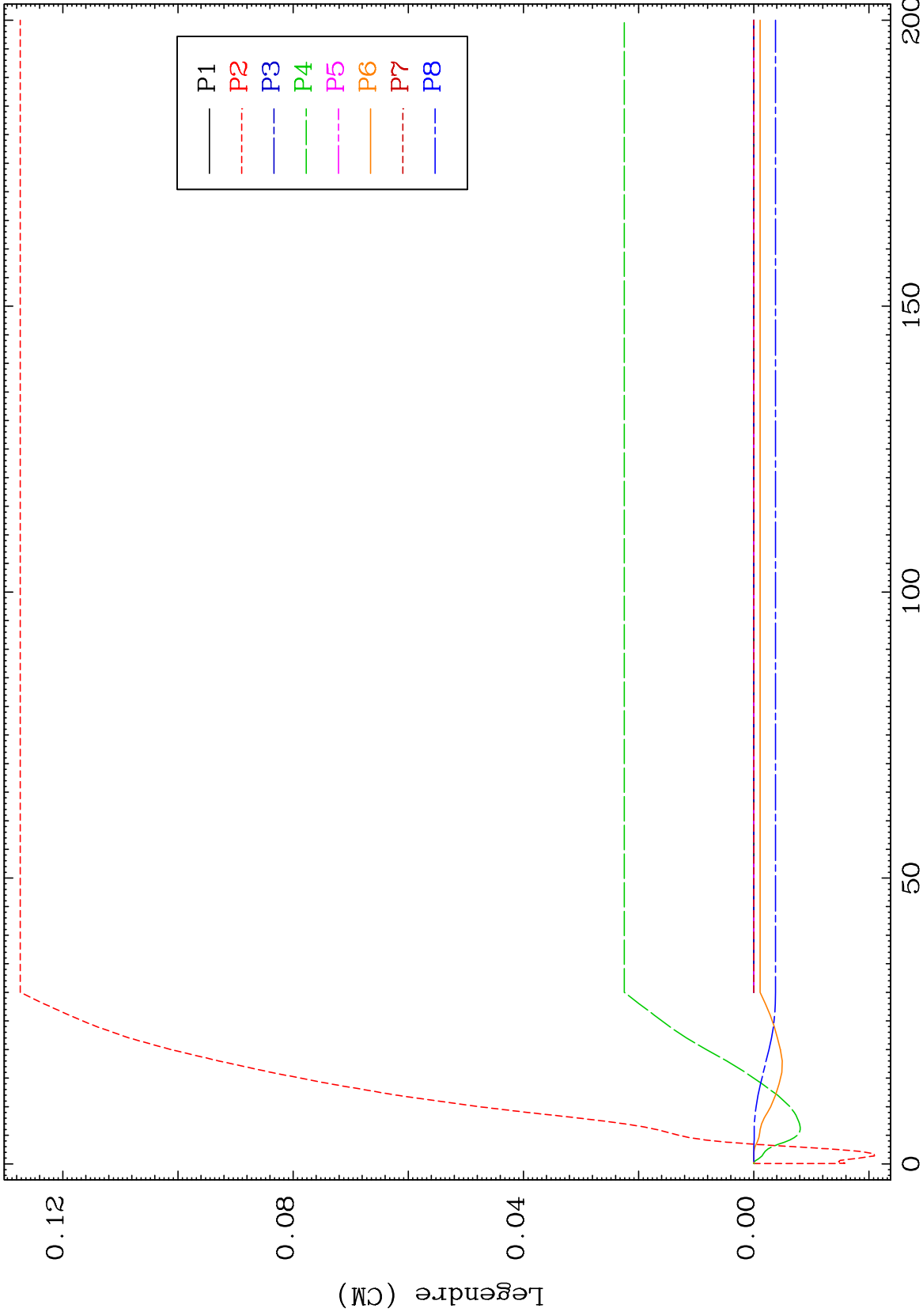
Incident Energy (MeV)

24

MAT 5492

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

55-Cs-122



55-Cs-122

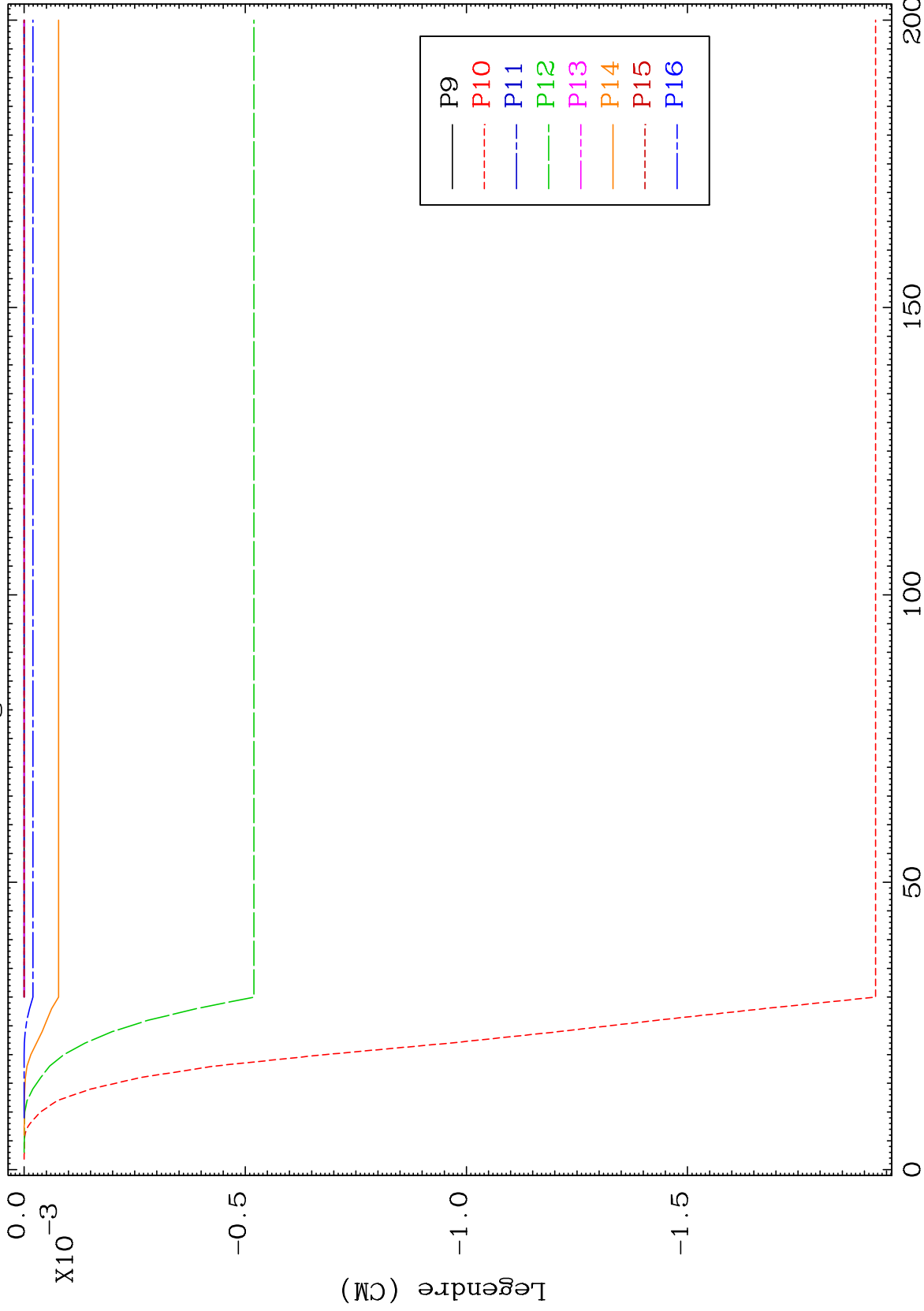
Incident Energy (MeV)

25

MAT 5492

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

55-Cs-122



26

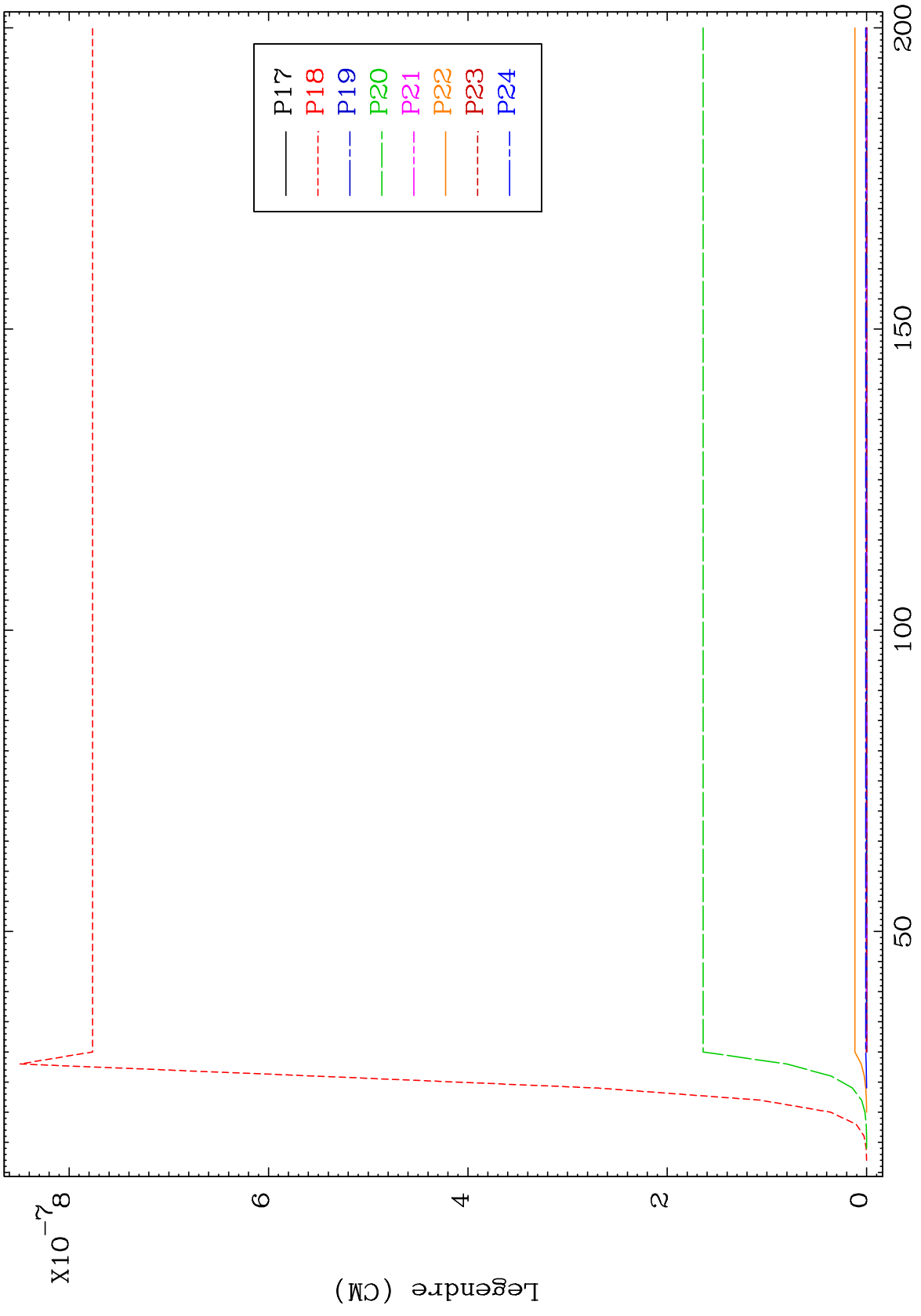
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



27

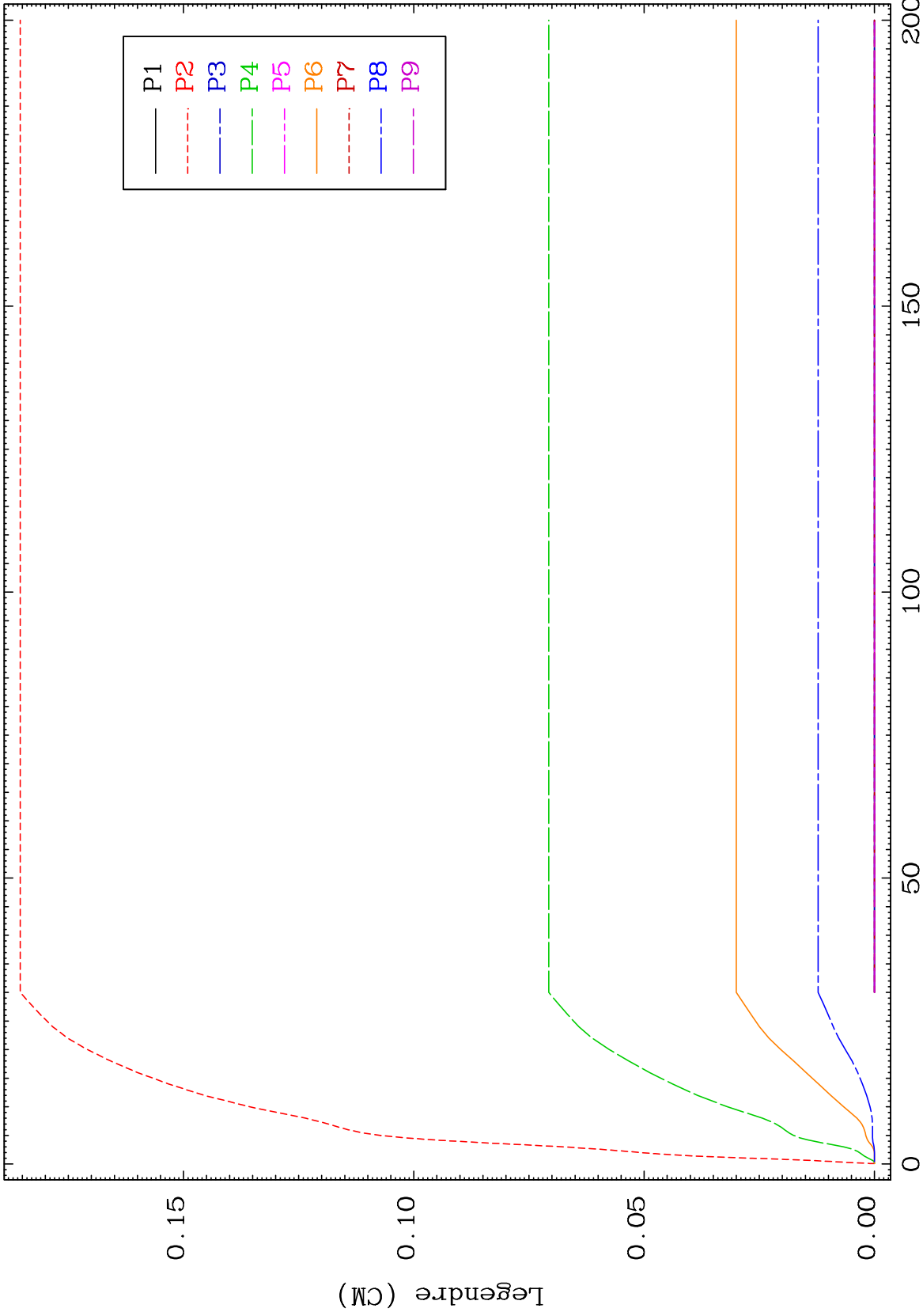
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



28

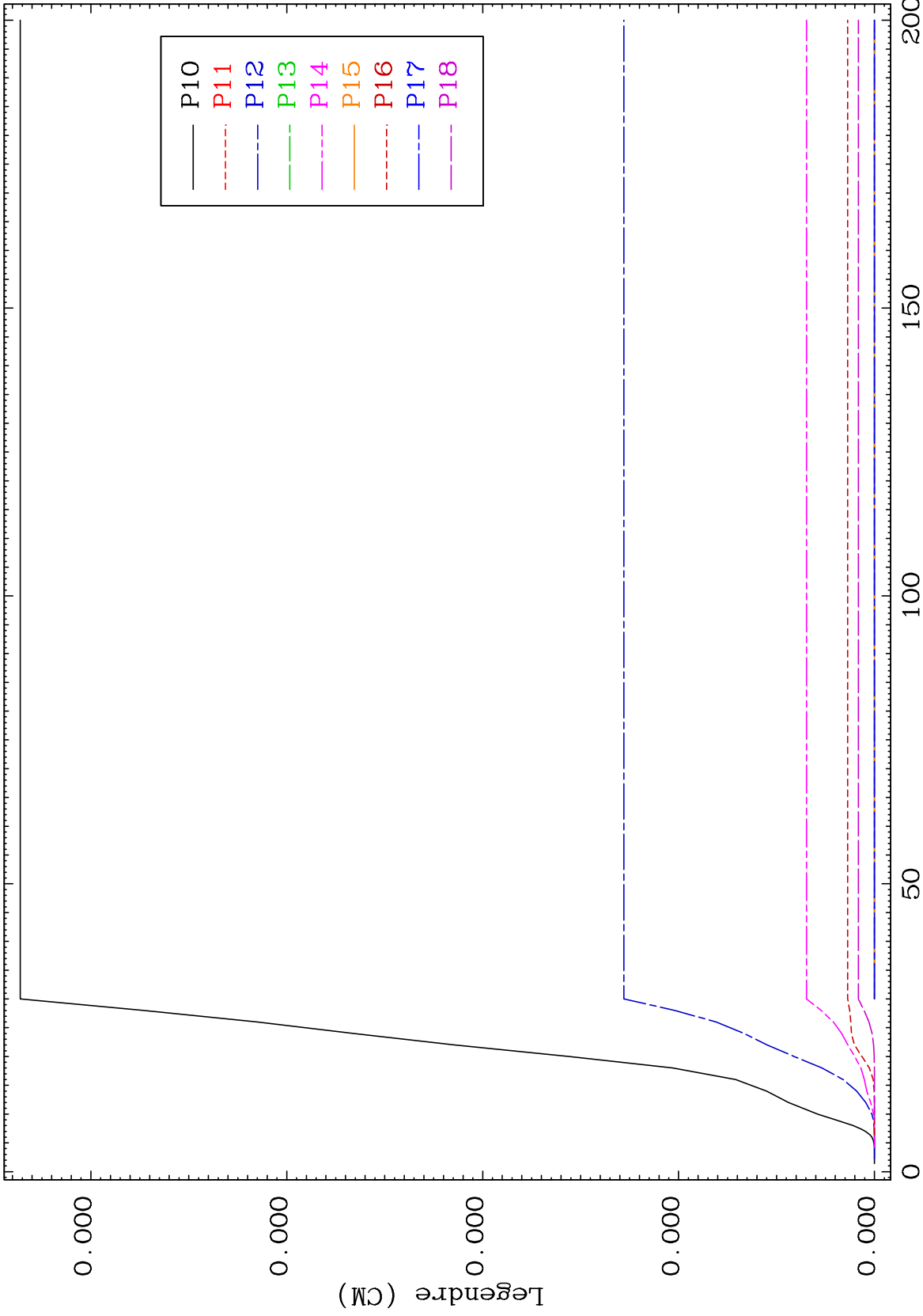
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



29

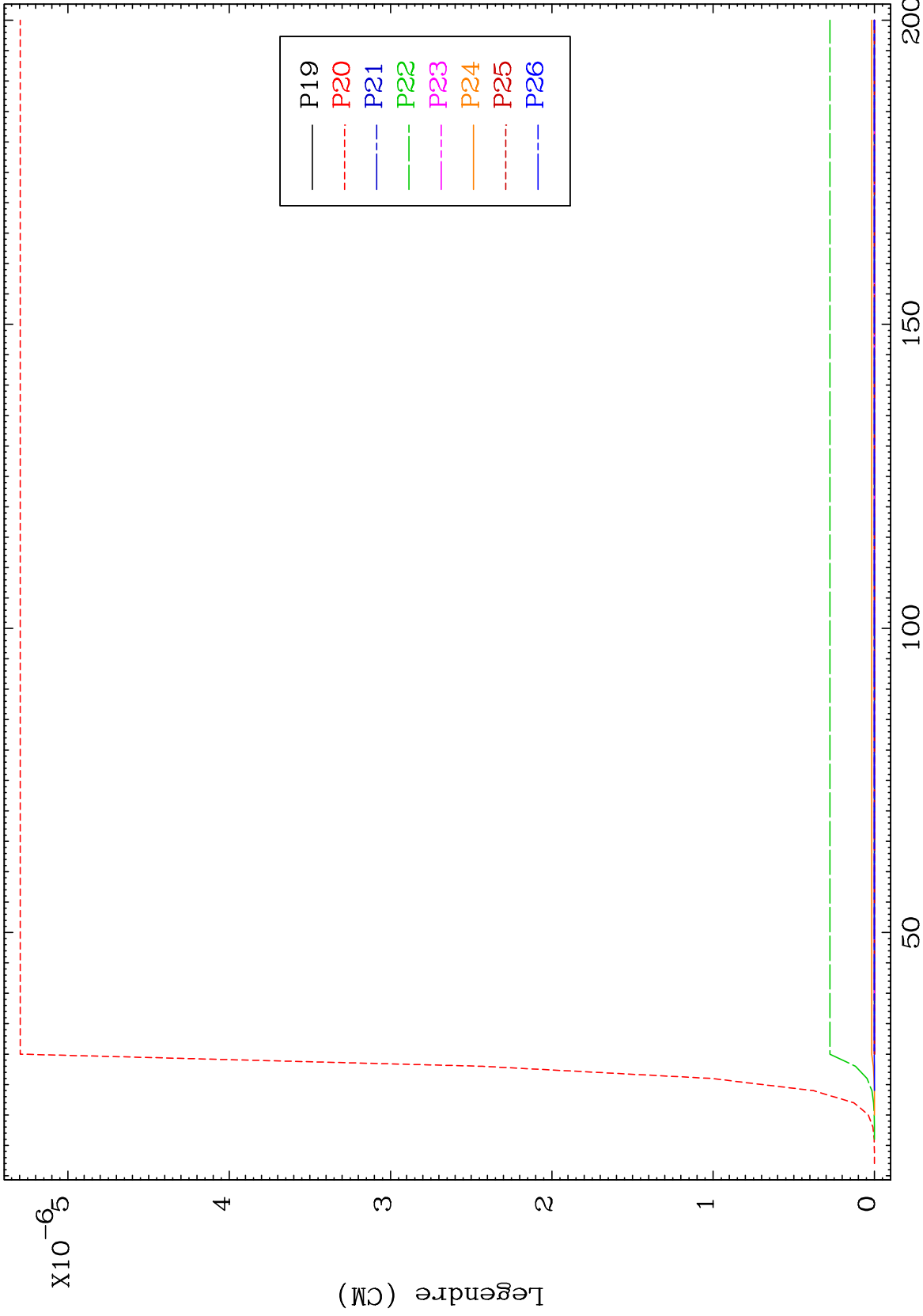
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



30

50

100

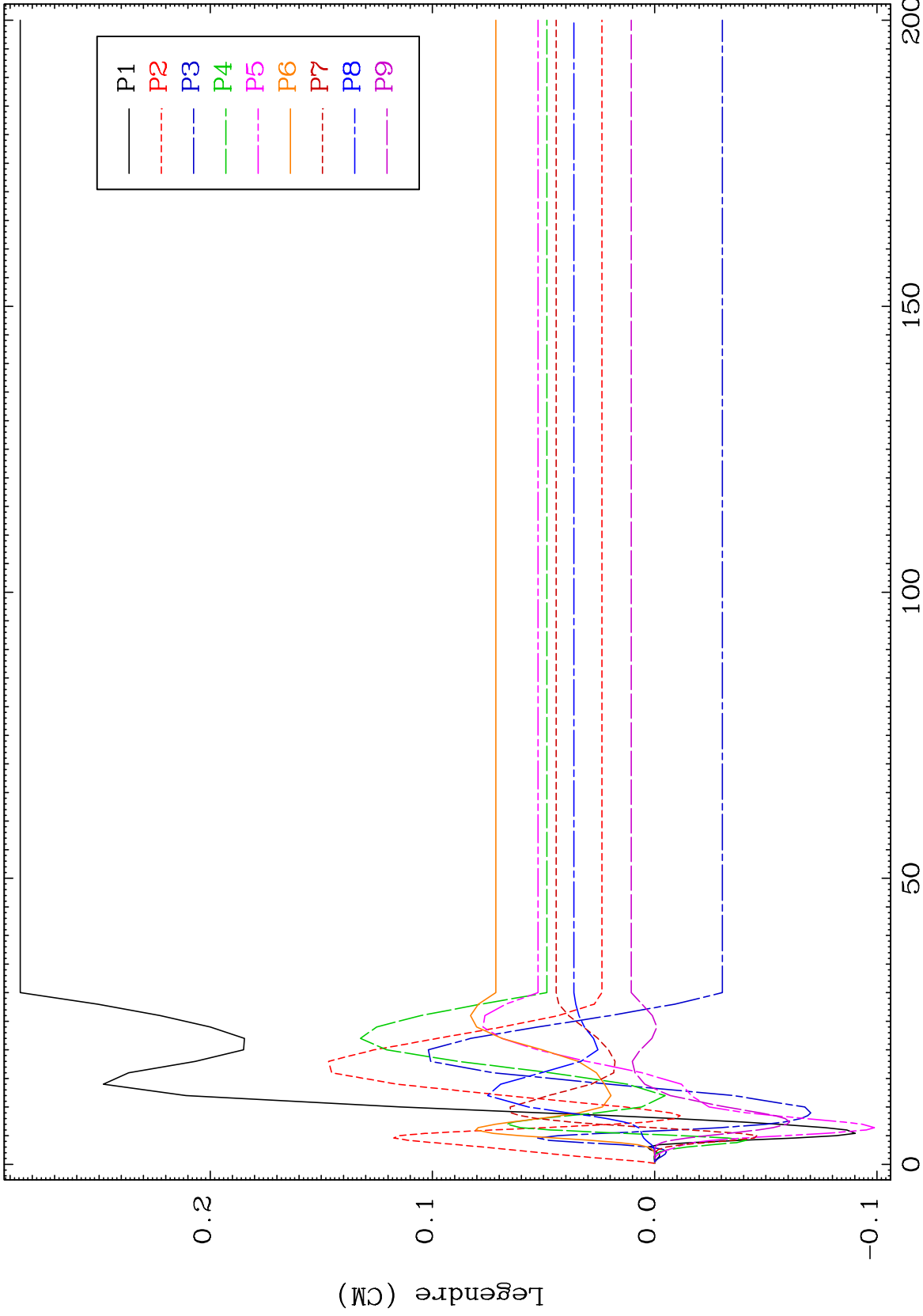
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200

MAT 5492

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

55-Cs-122



31

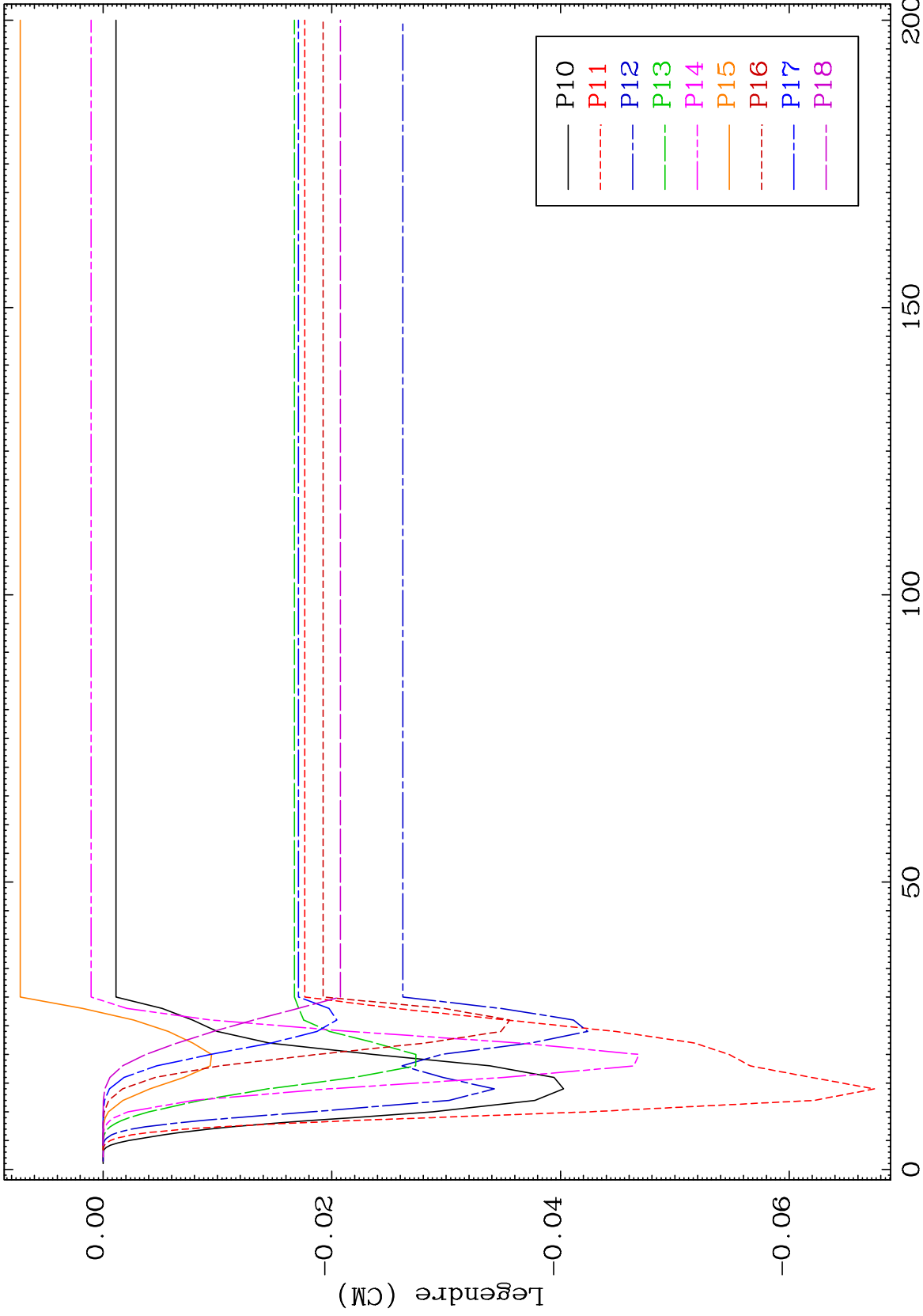
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122

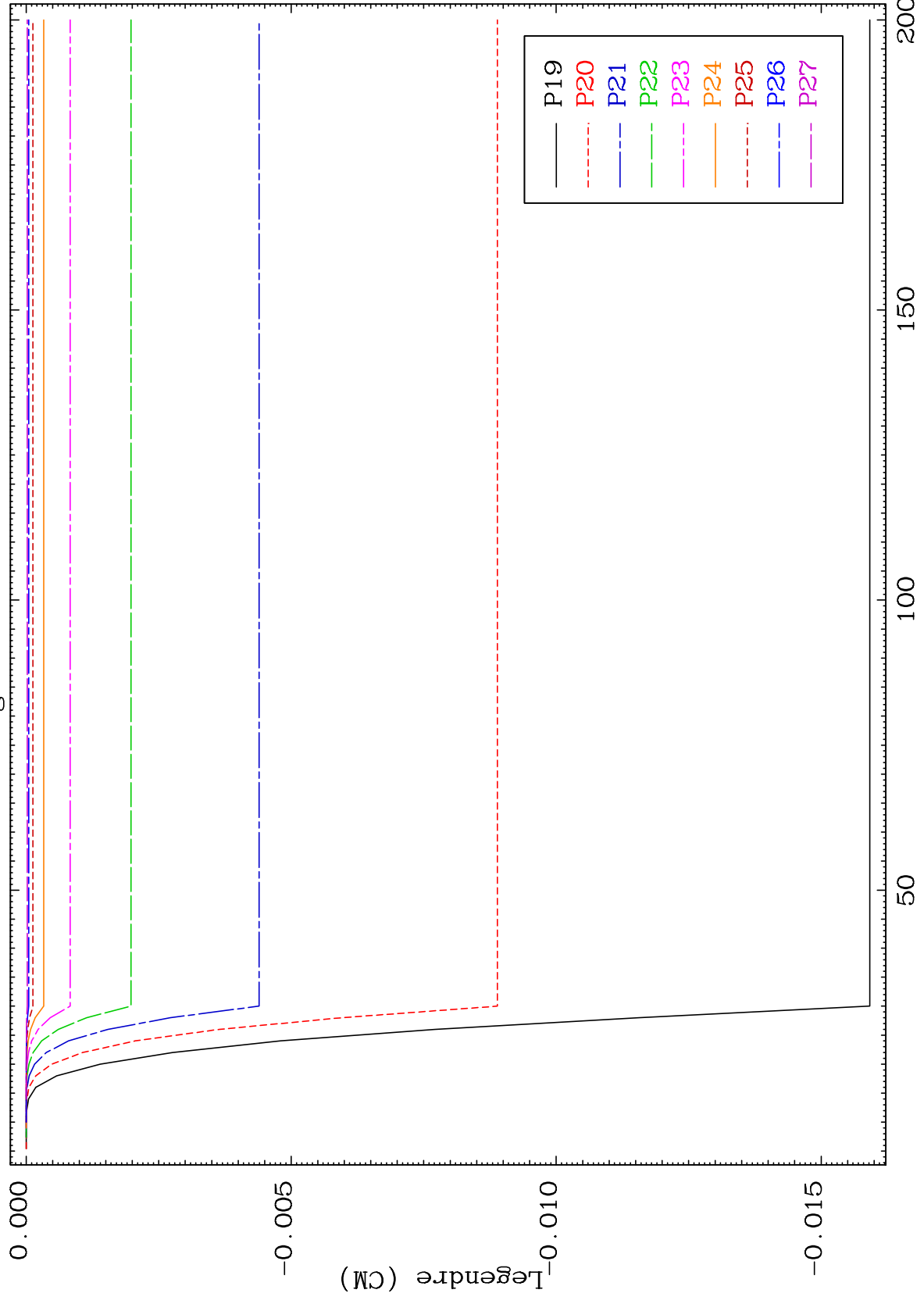


32

Incident Energy (MeV)

55-Cs-122

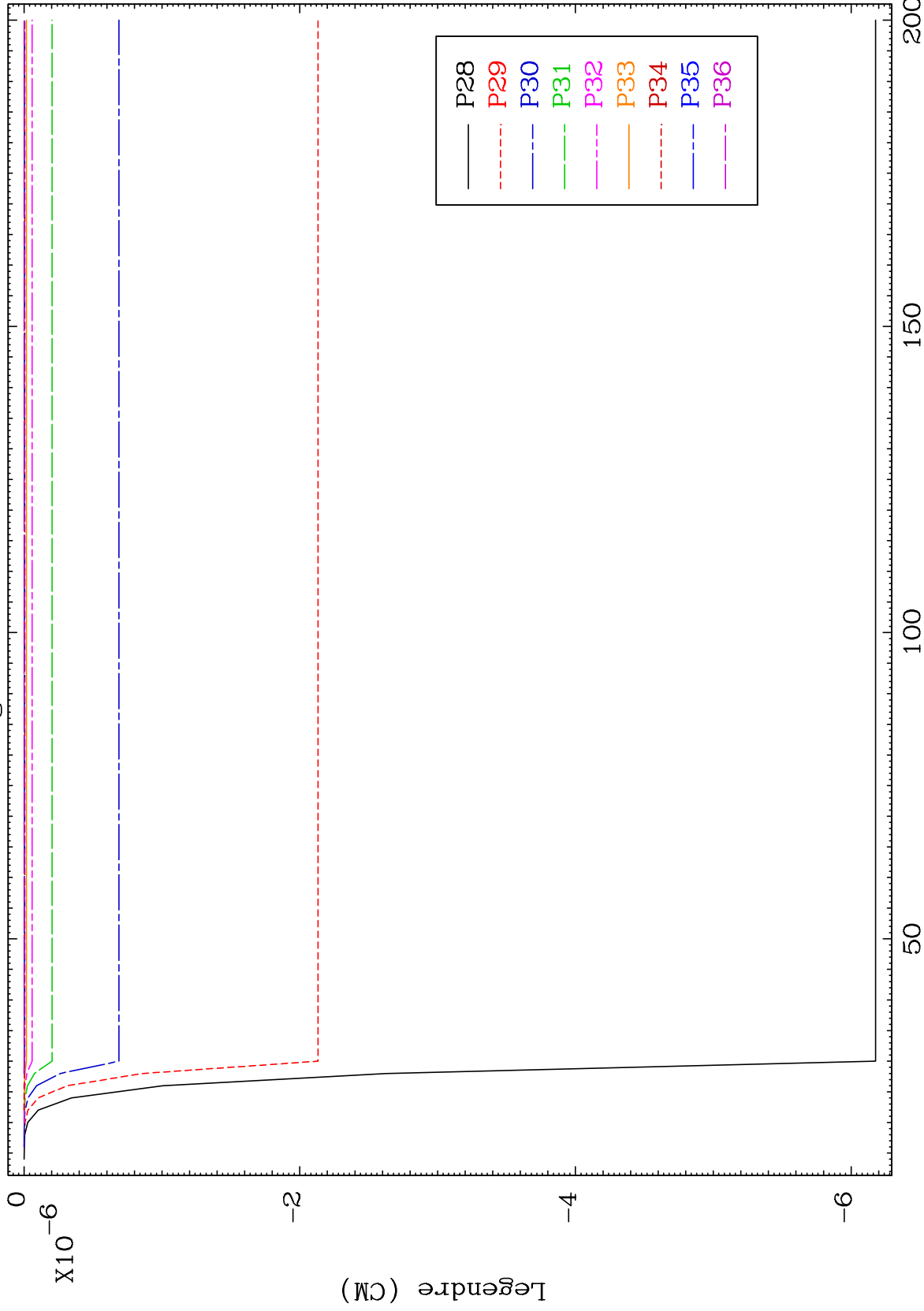
MAT 5492 MT= 54 (n,n') Level Legendre Coefficients 55-Cs-122



MAT 5492

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

55-Cs-122



55-Cs-122

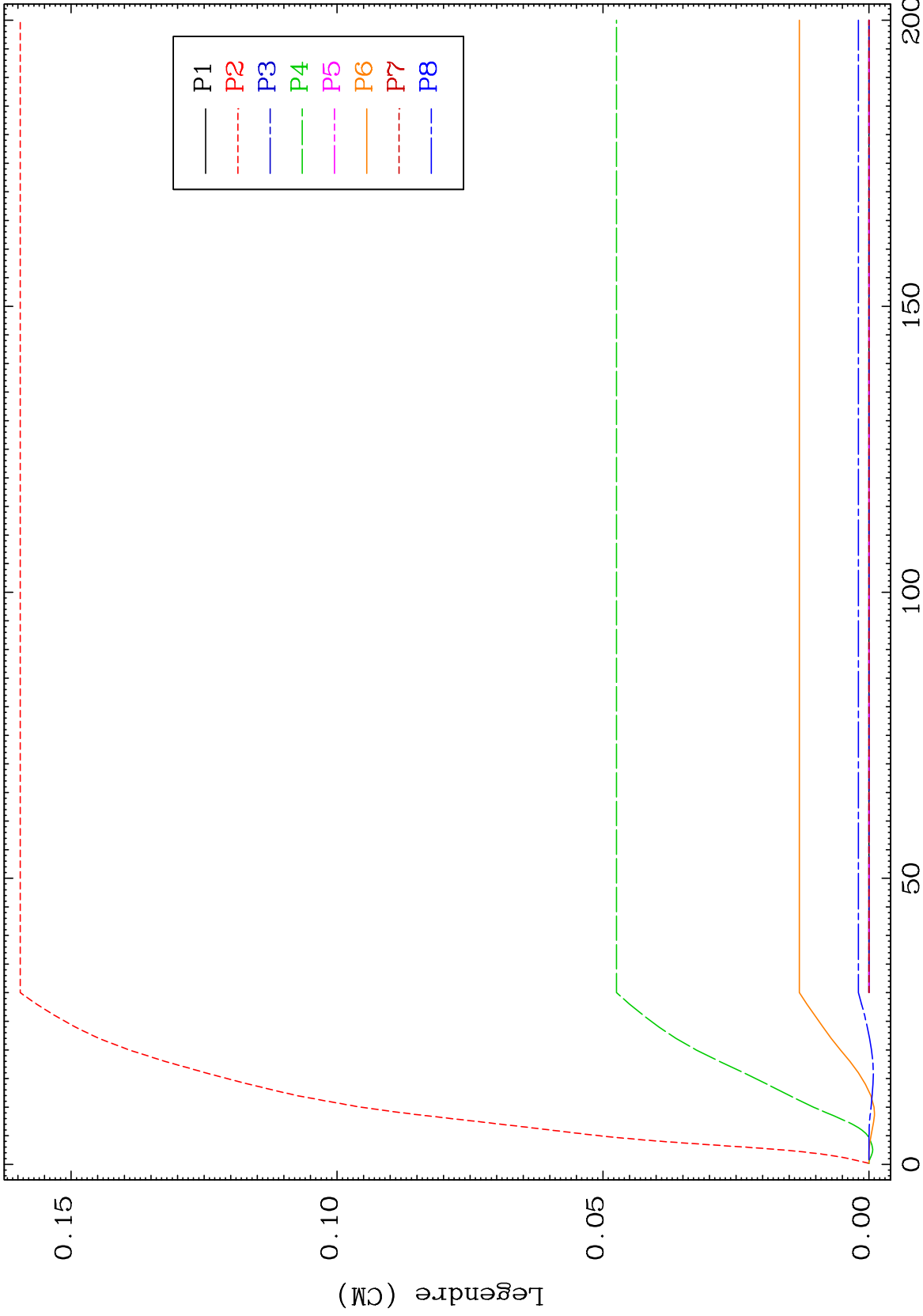
Incident Energy (MeV)

34

MAT 5492

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

55-Cs-122



55-Cs-122

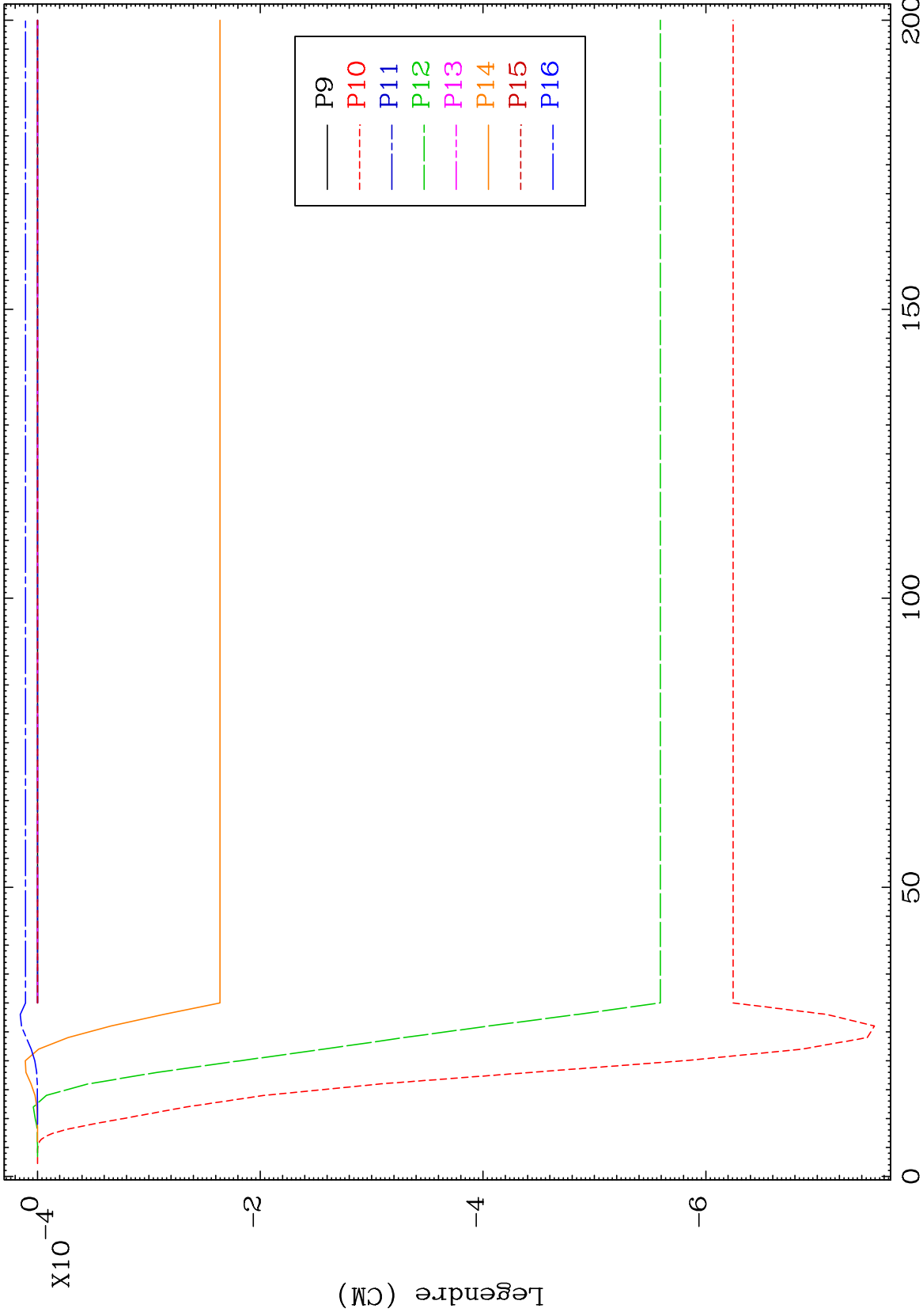
Incident Energy (MeV)

35

MAT 5492

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

55-Cs-122

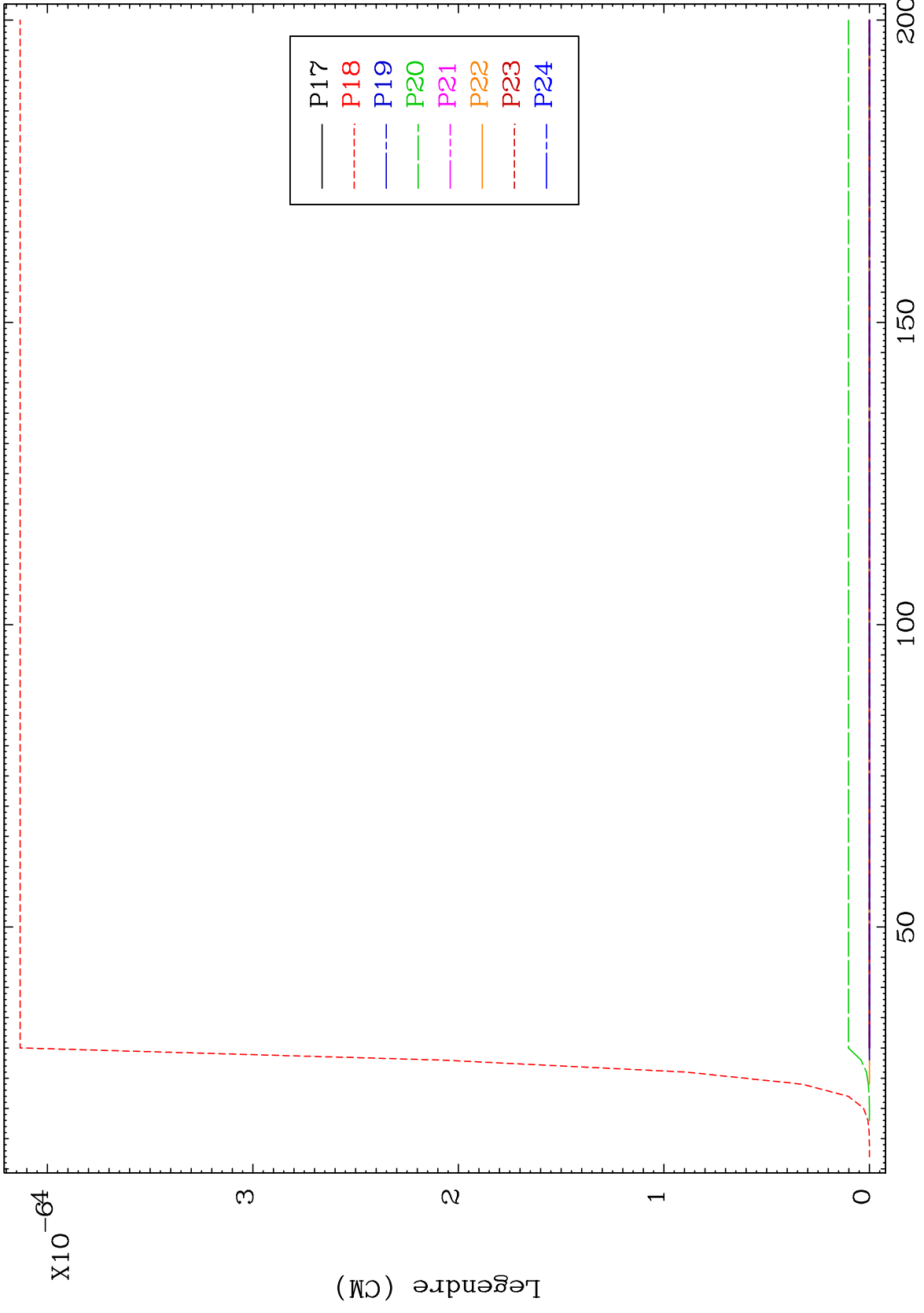


36

Incident Energy (MeV)

55-Cs-122

MAT 5492 MT= 55 (n,n') Level Legendre Coefficients 55-Cs-122

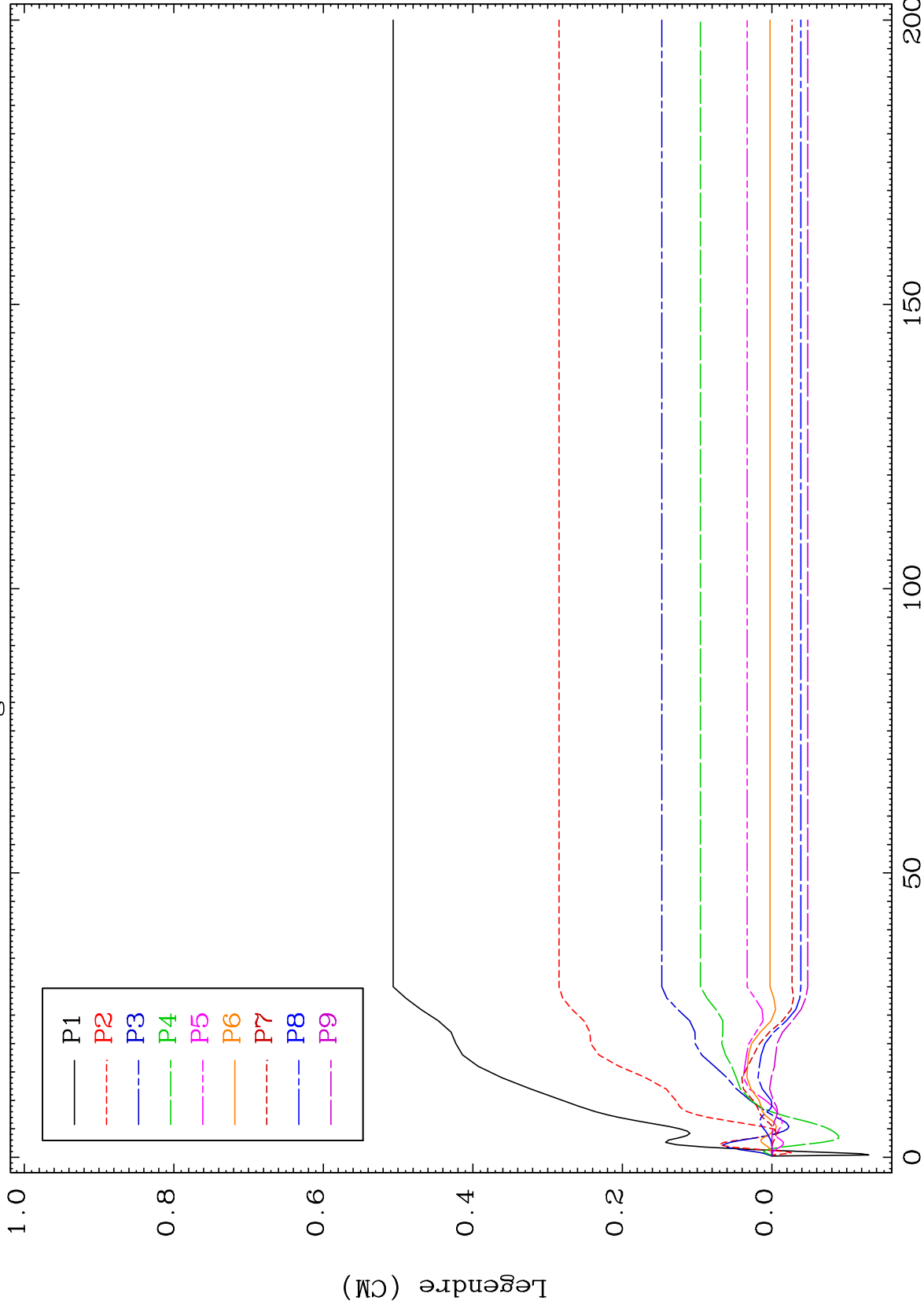


37 Incident Energy (MeV) 55-Cs-122

MAT 5492

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

55-Cs-122



38

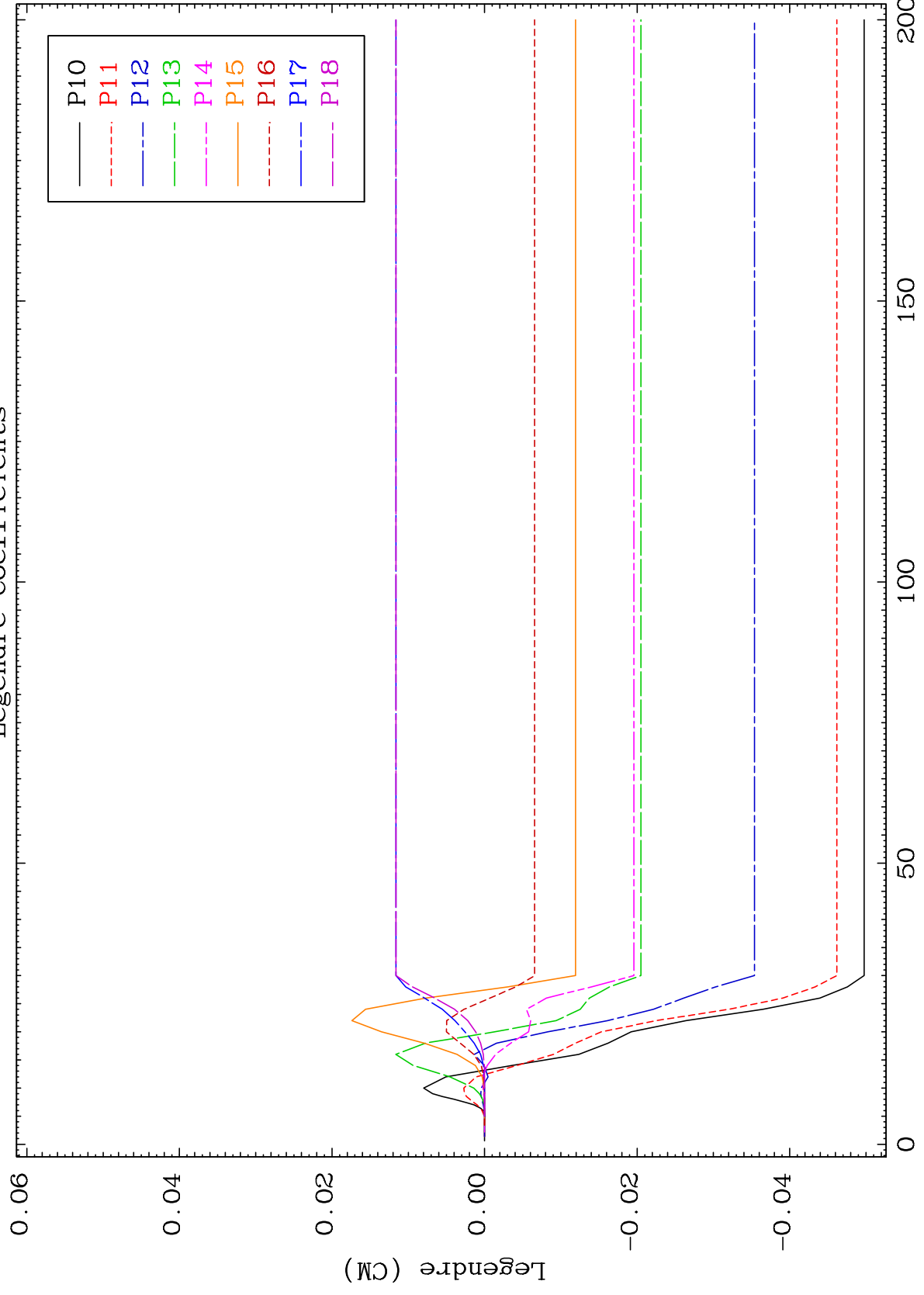
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



39

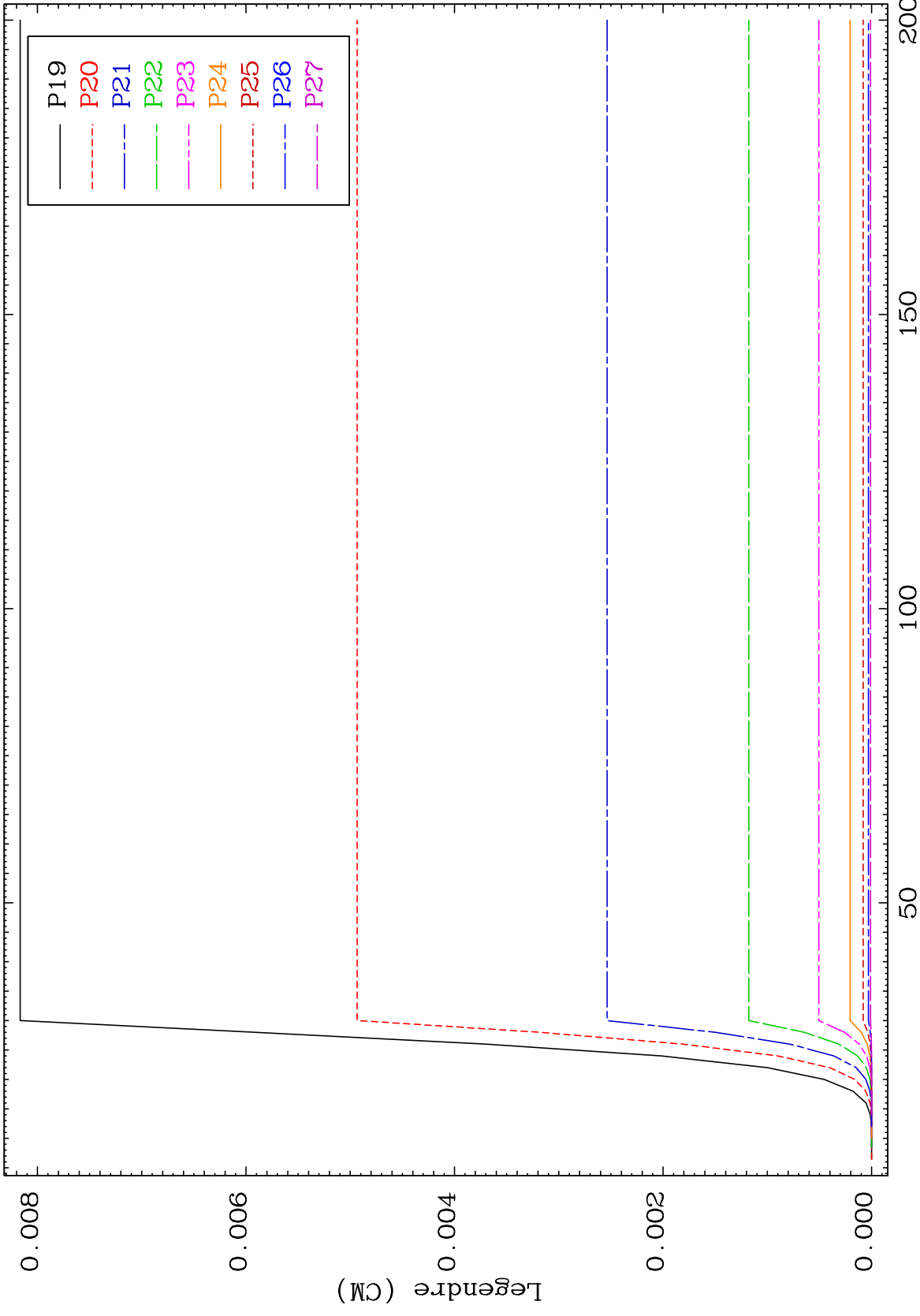
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



40

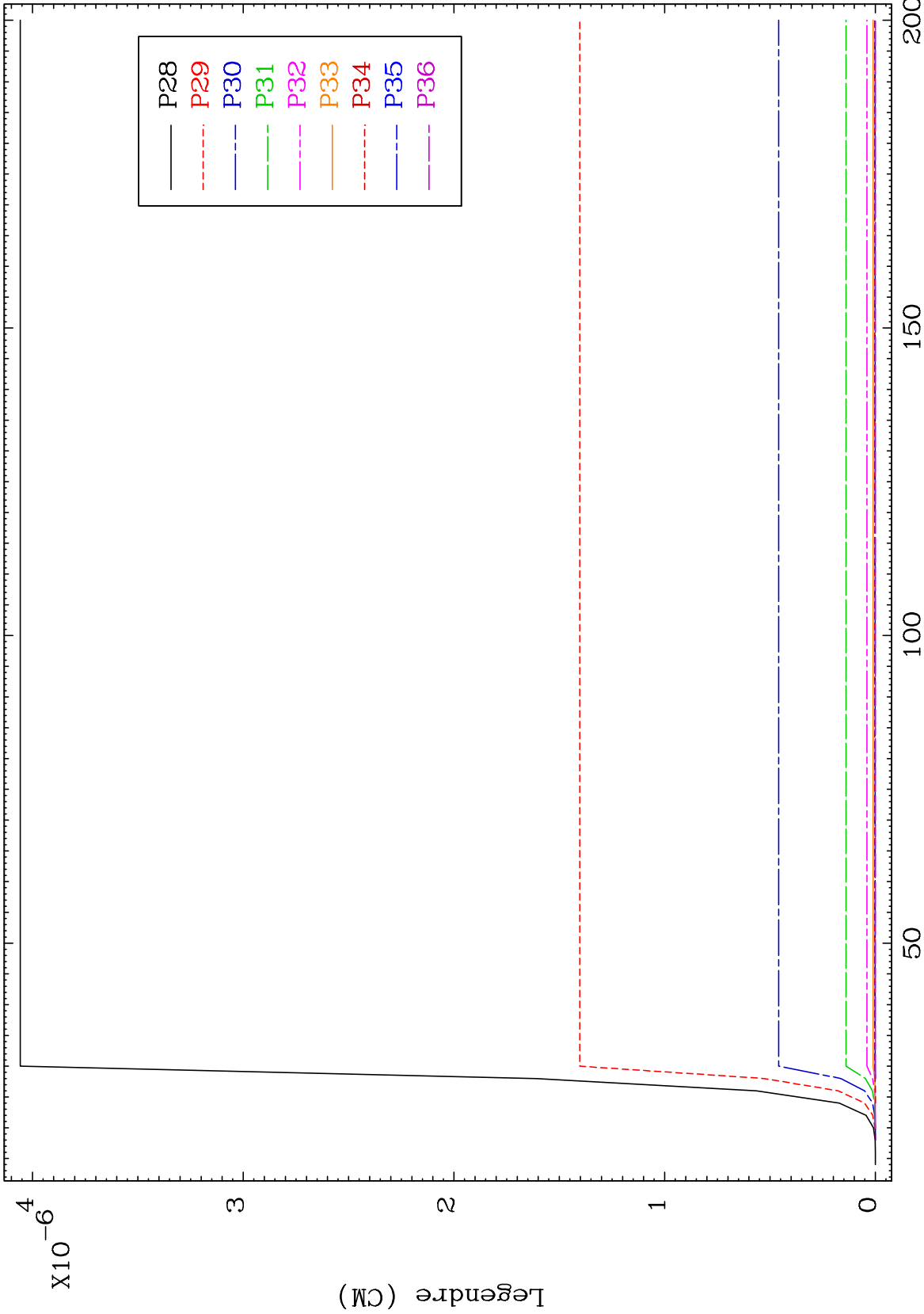
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



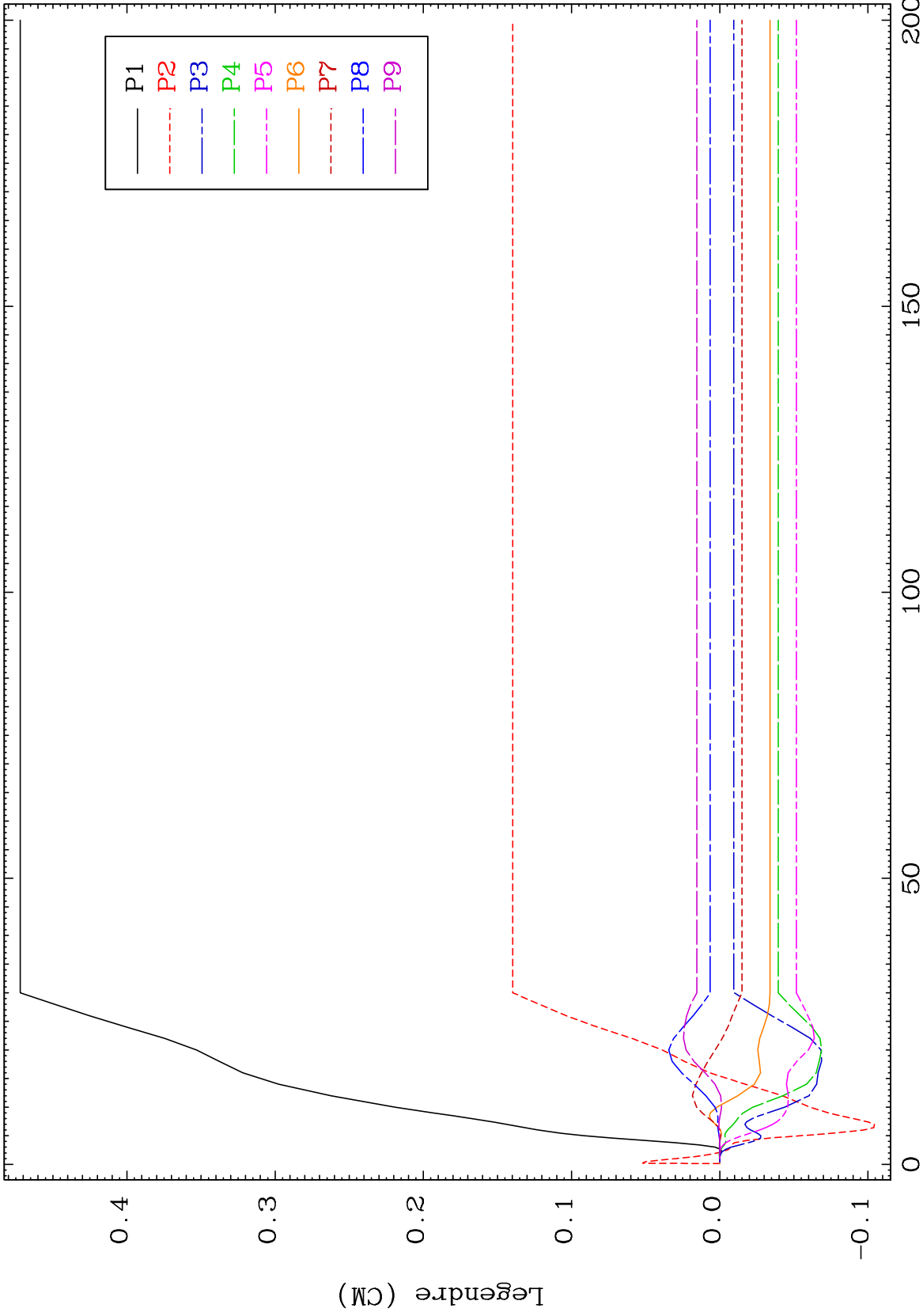
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55-Cs-122

MAT 5492

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

55-Cs-122



42

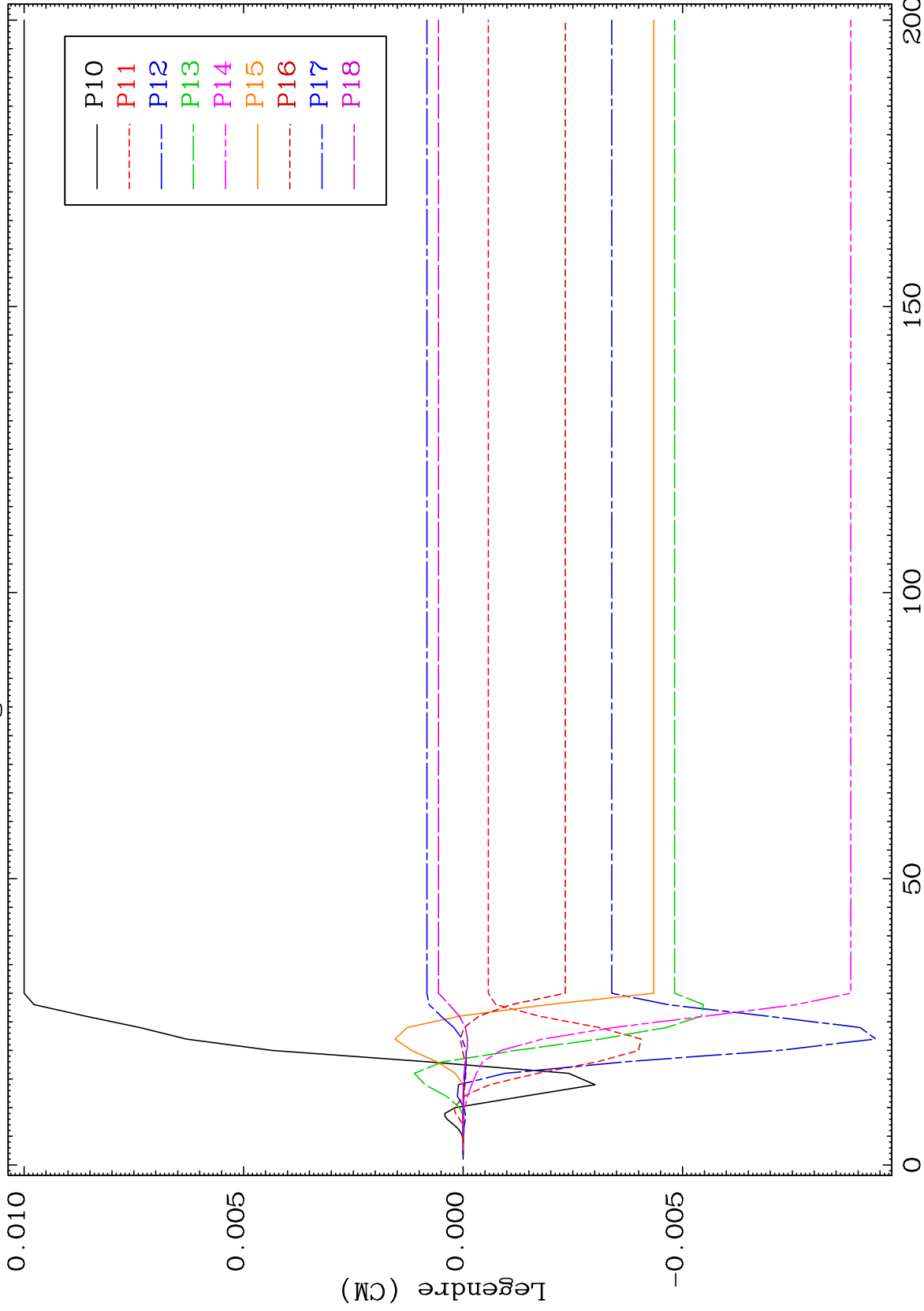
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



43

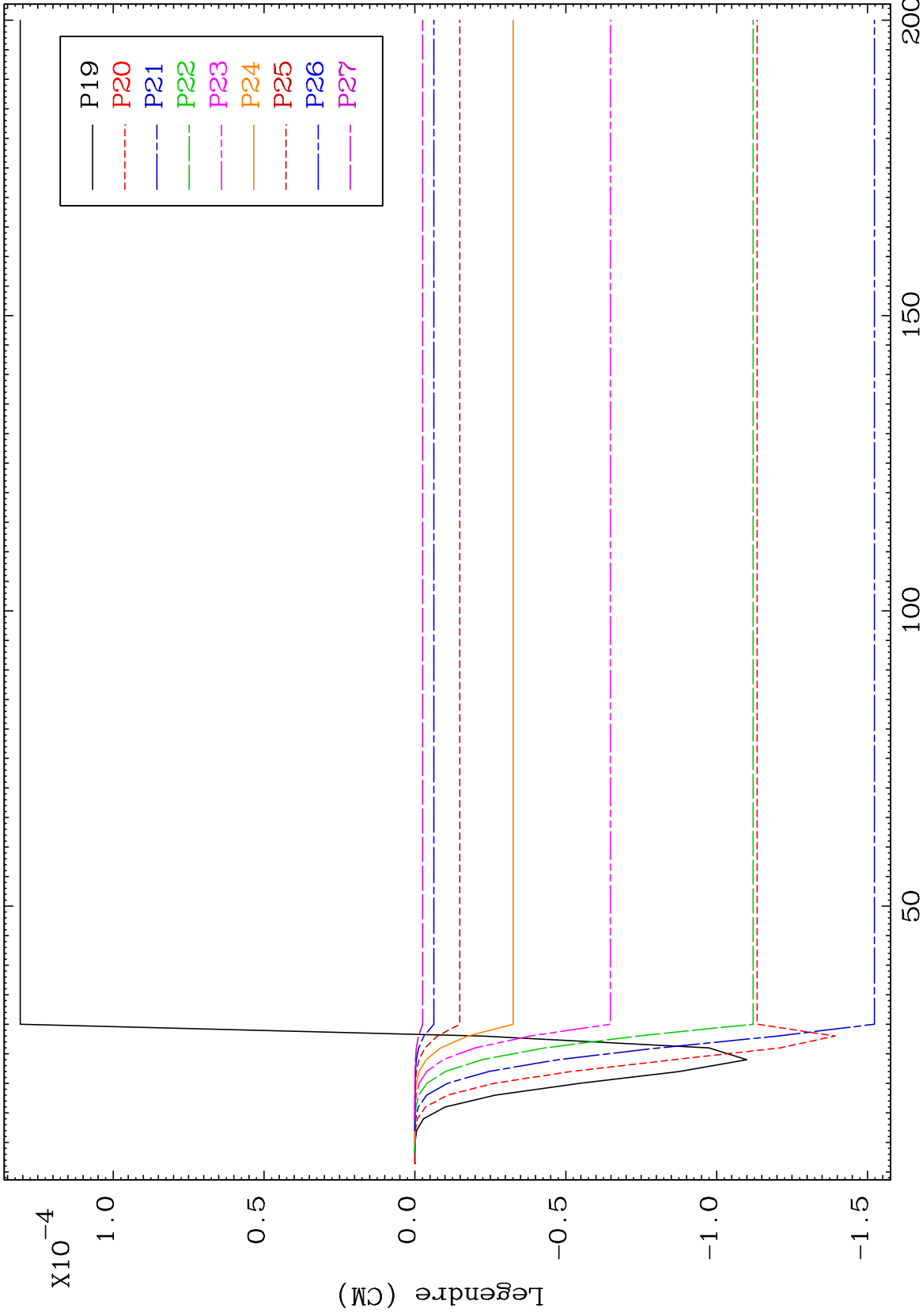
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



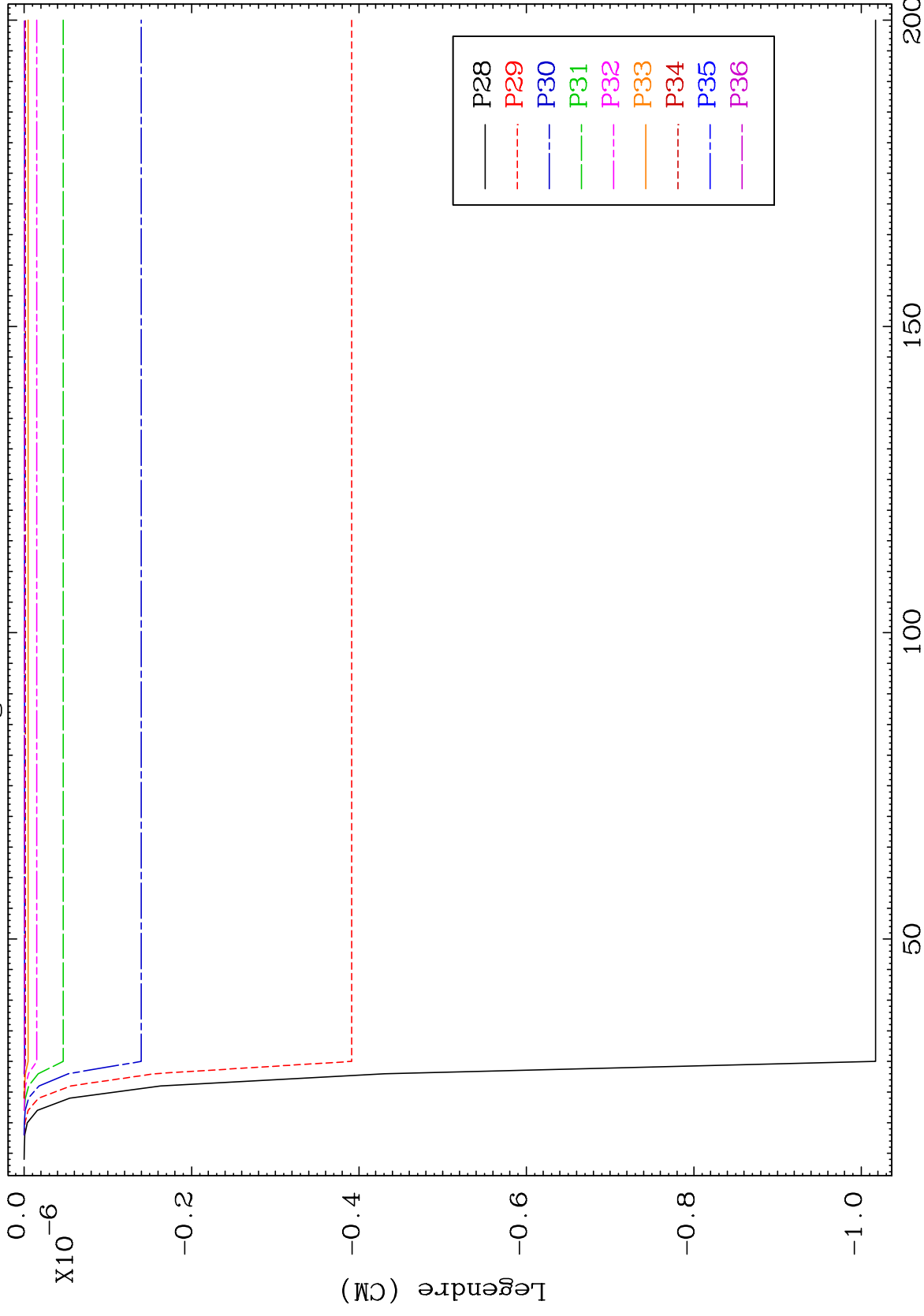
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55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

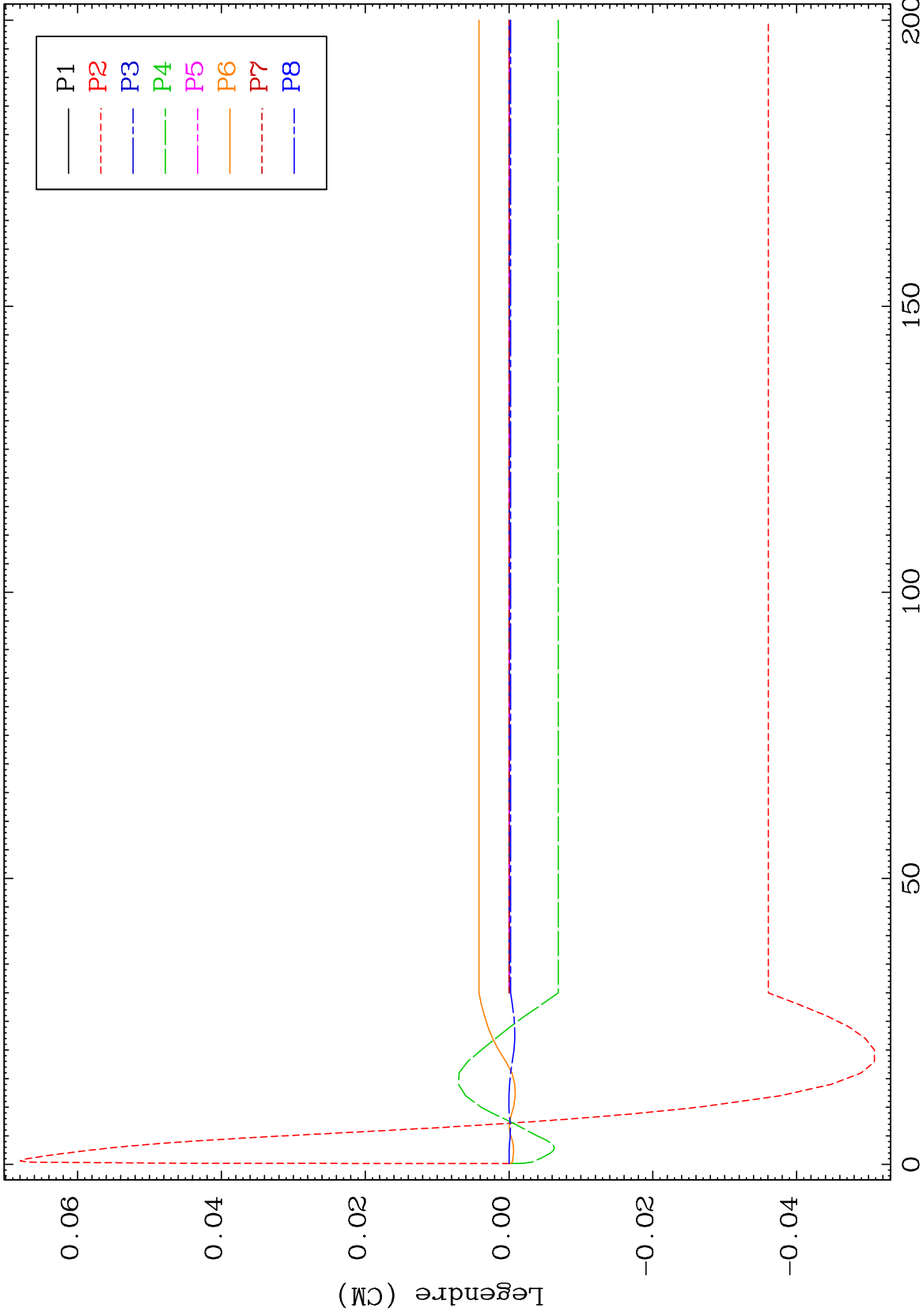
Incident Energy (MeV)

45

MAT 5492

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

55-Cs-122



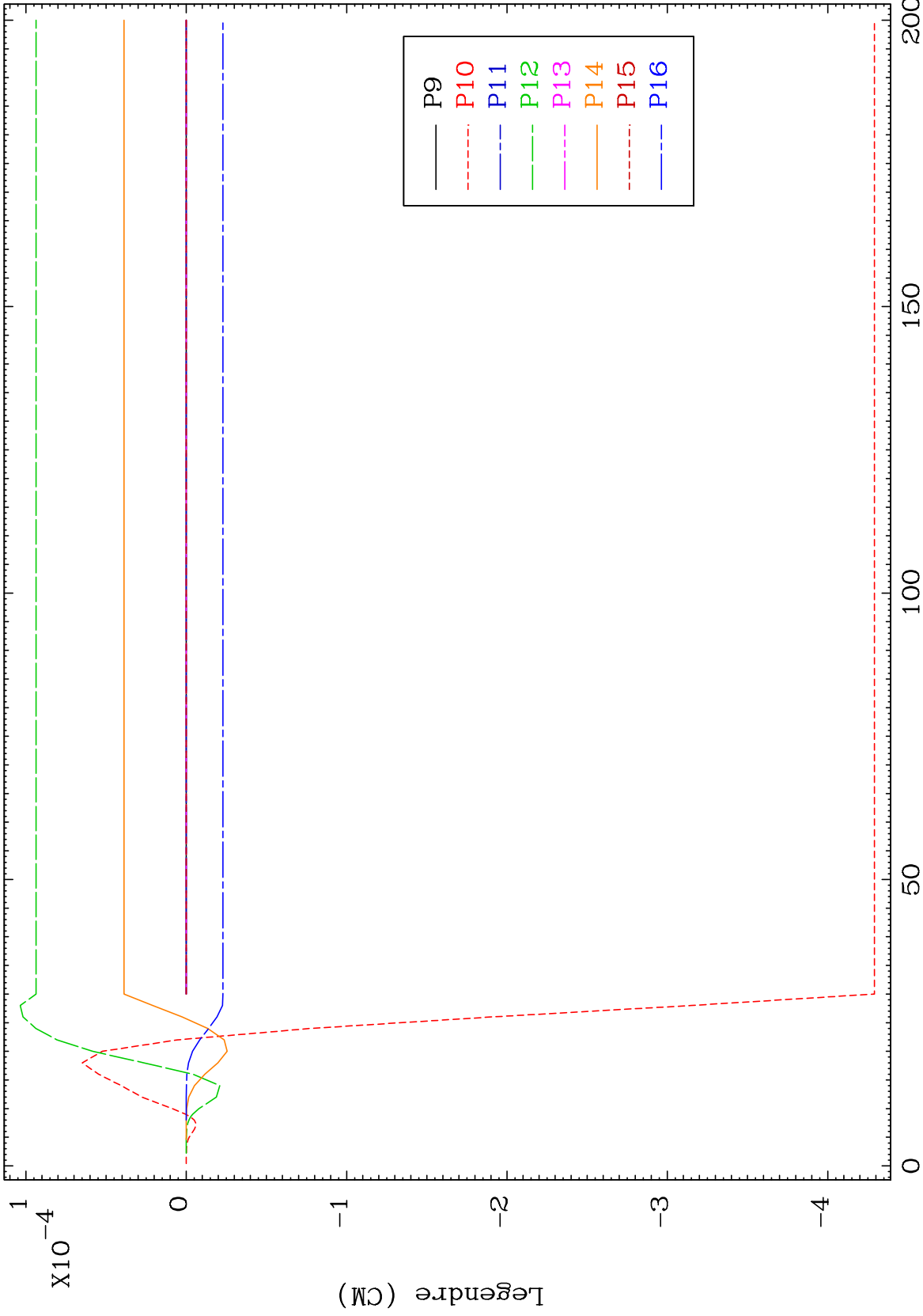
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55-Cs-122

MAT 5492

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

55-Cs-122



47

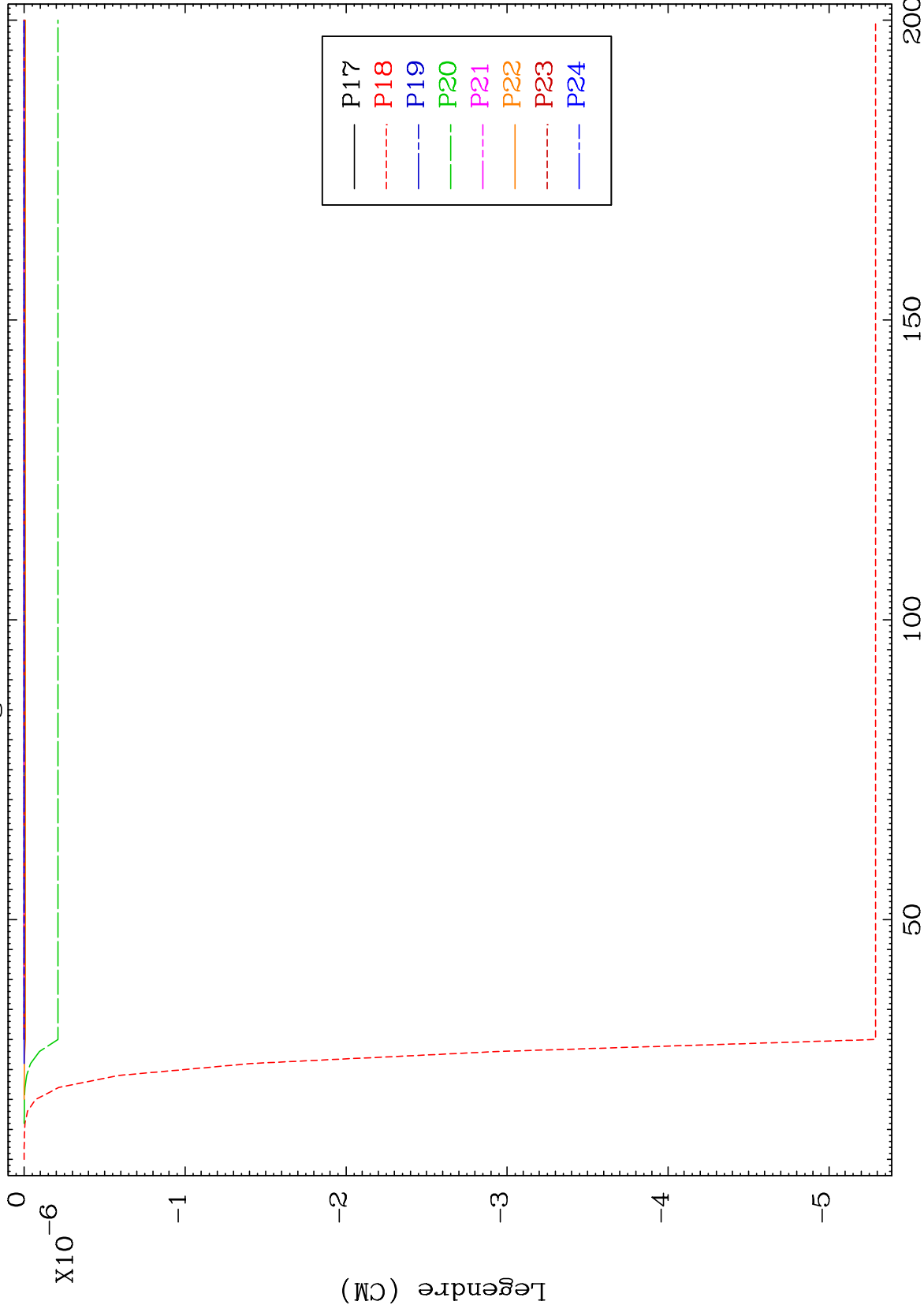
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

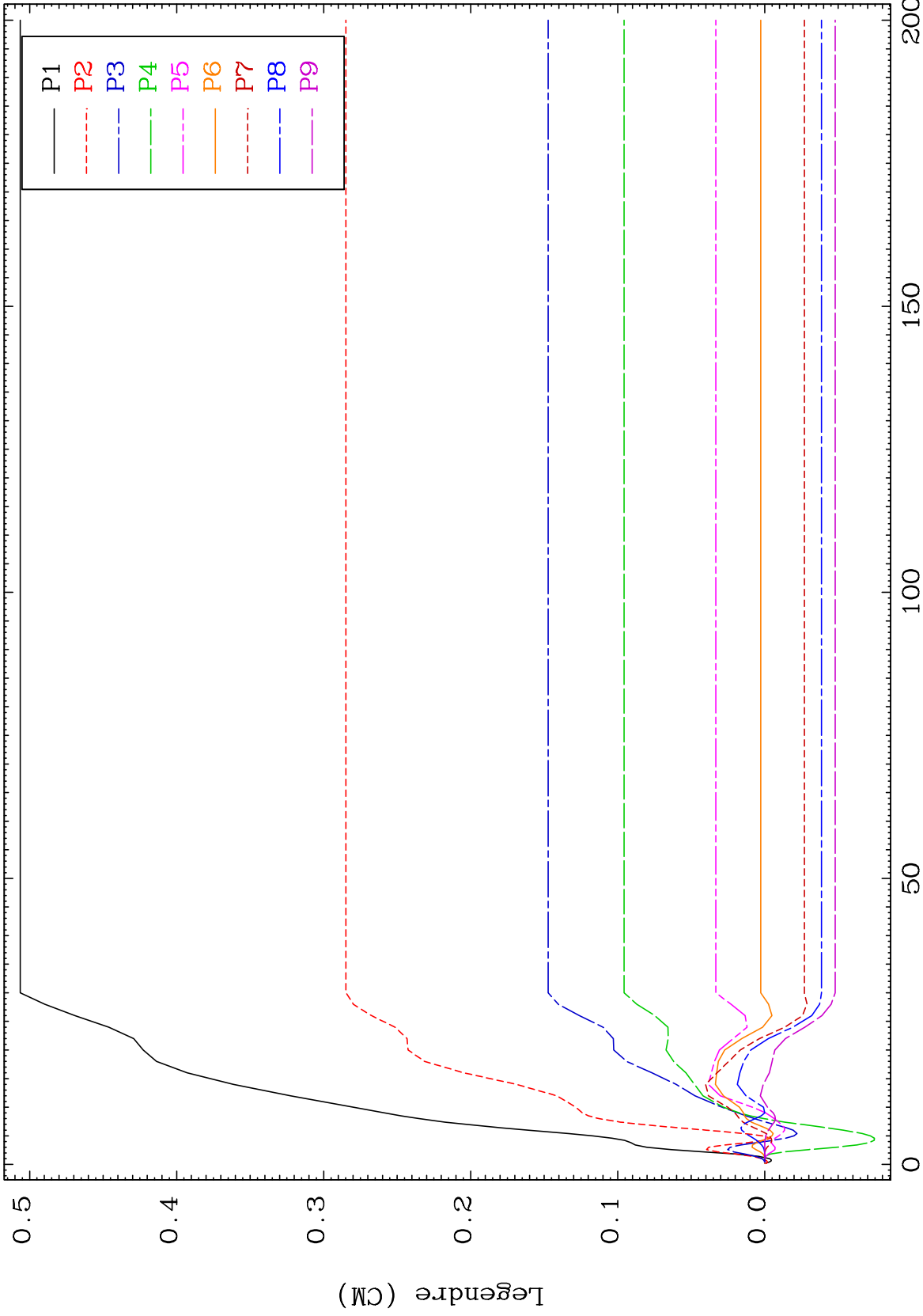
Incident Energy (MeV)

48

MAT 5492

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

55-Cs-122



49

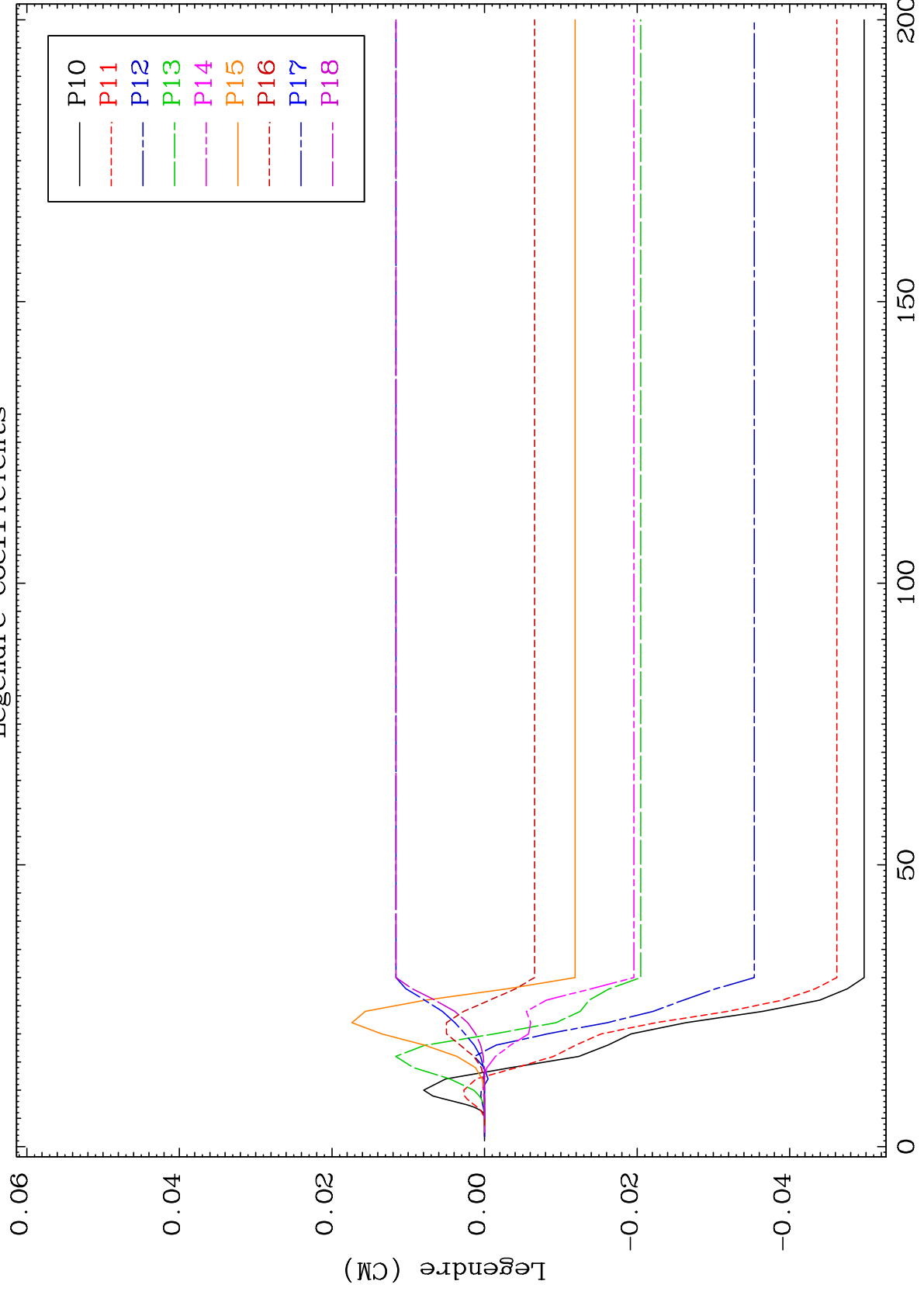
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



0

50

100

150

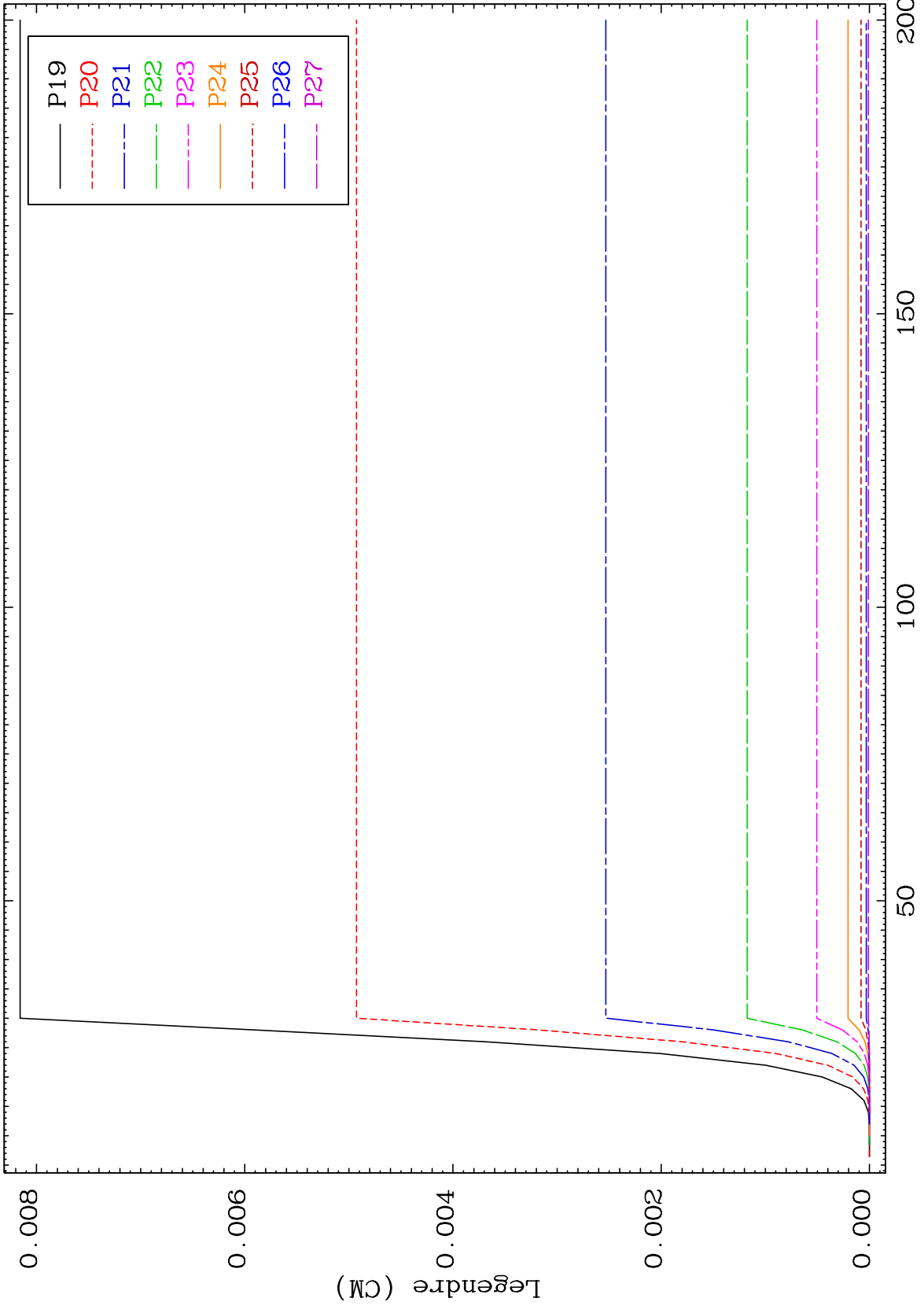
200

55-Cs-122

MAT 5492

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

55-Cs-122



51

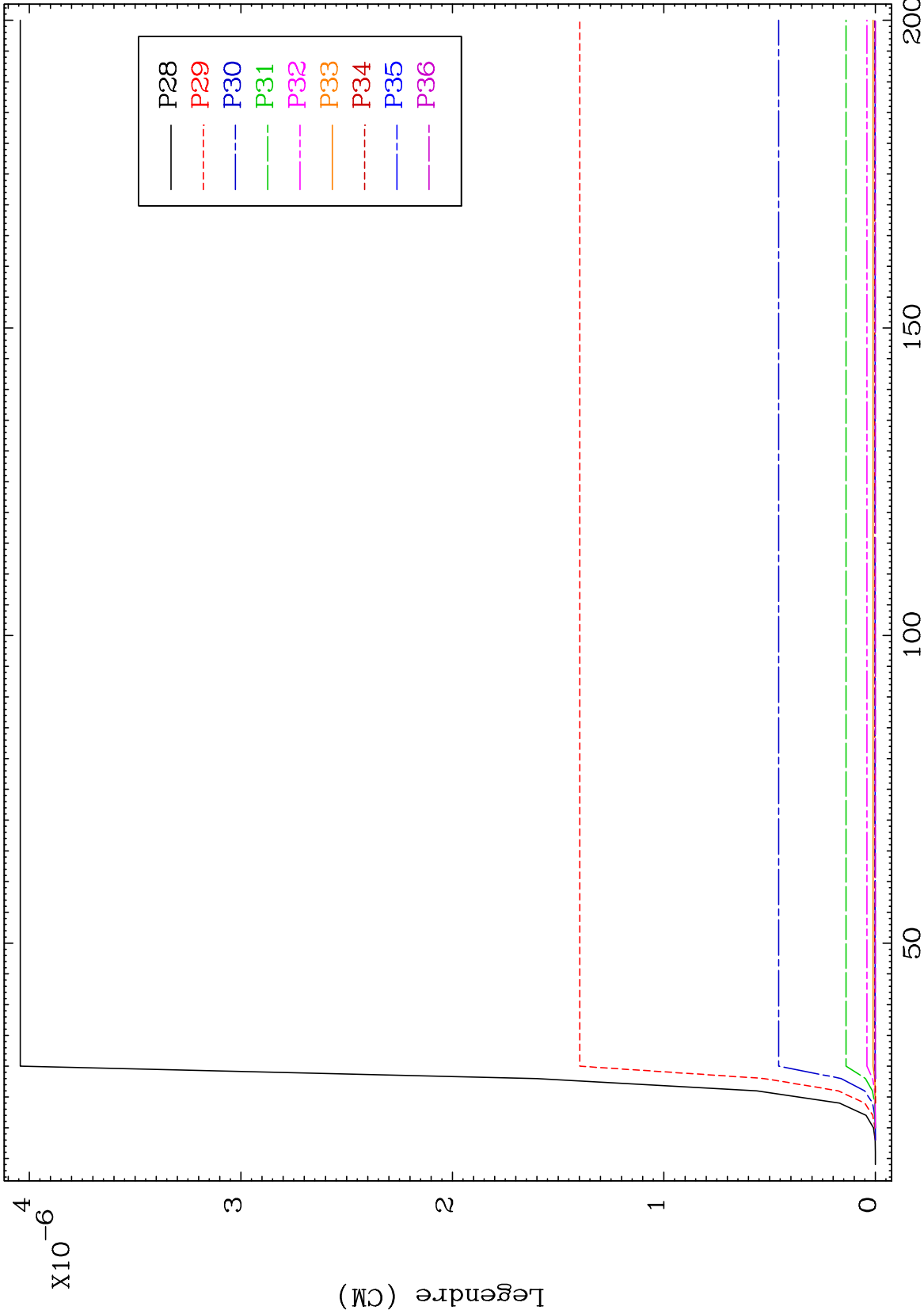
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



52

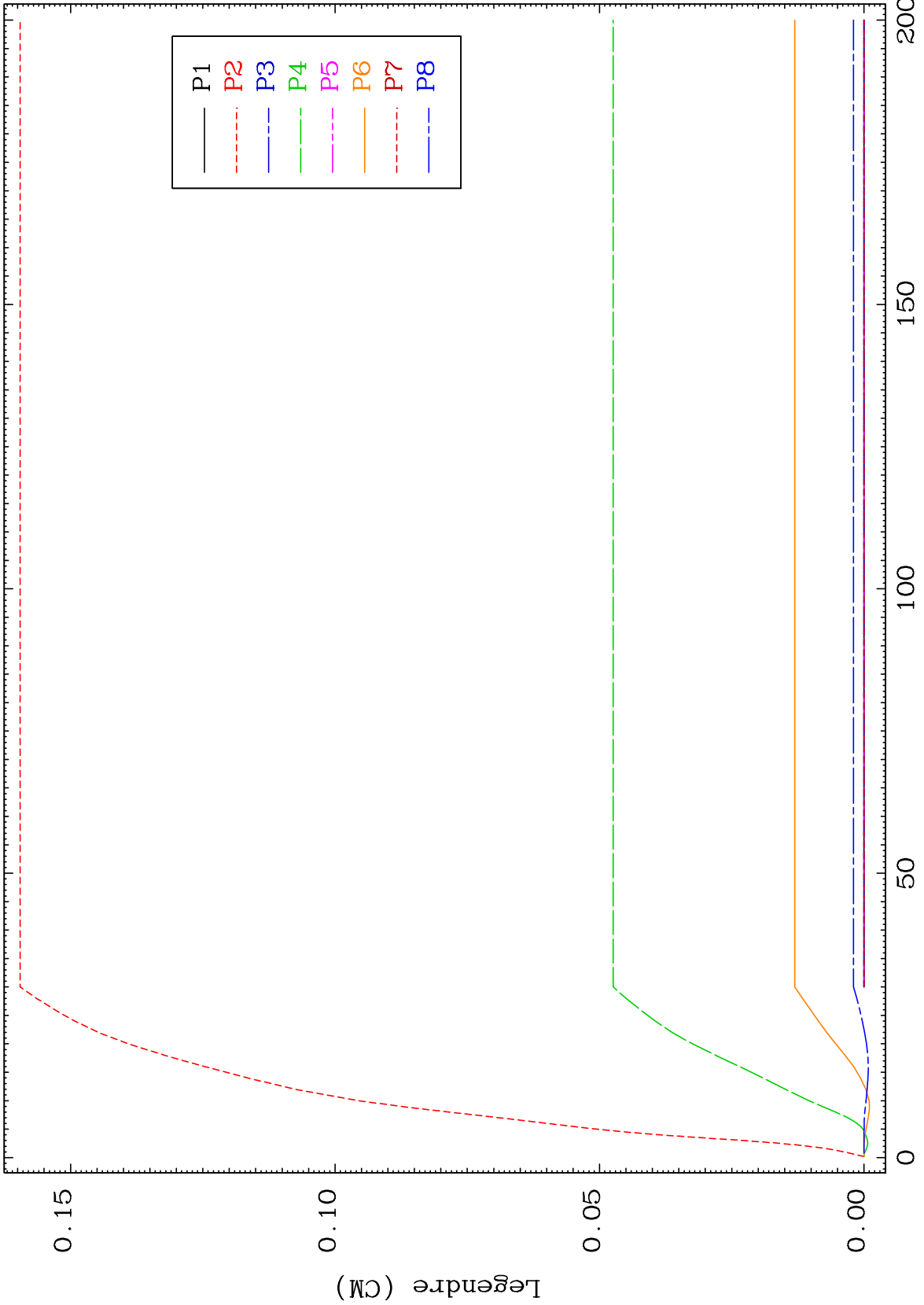
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122

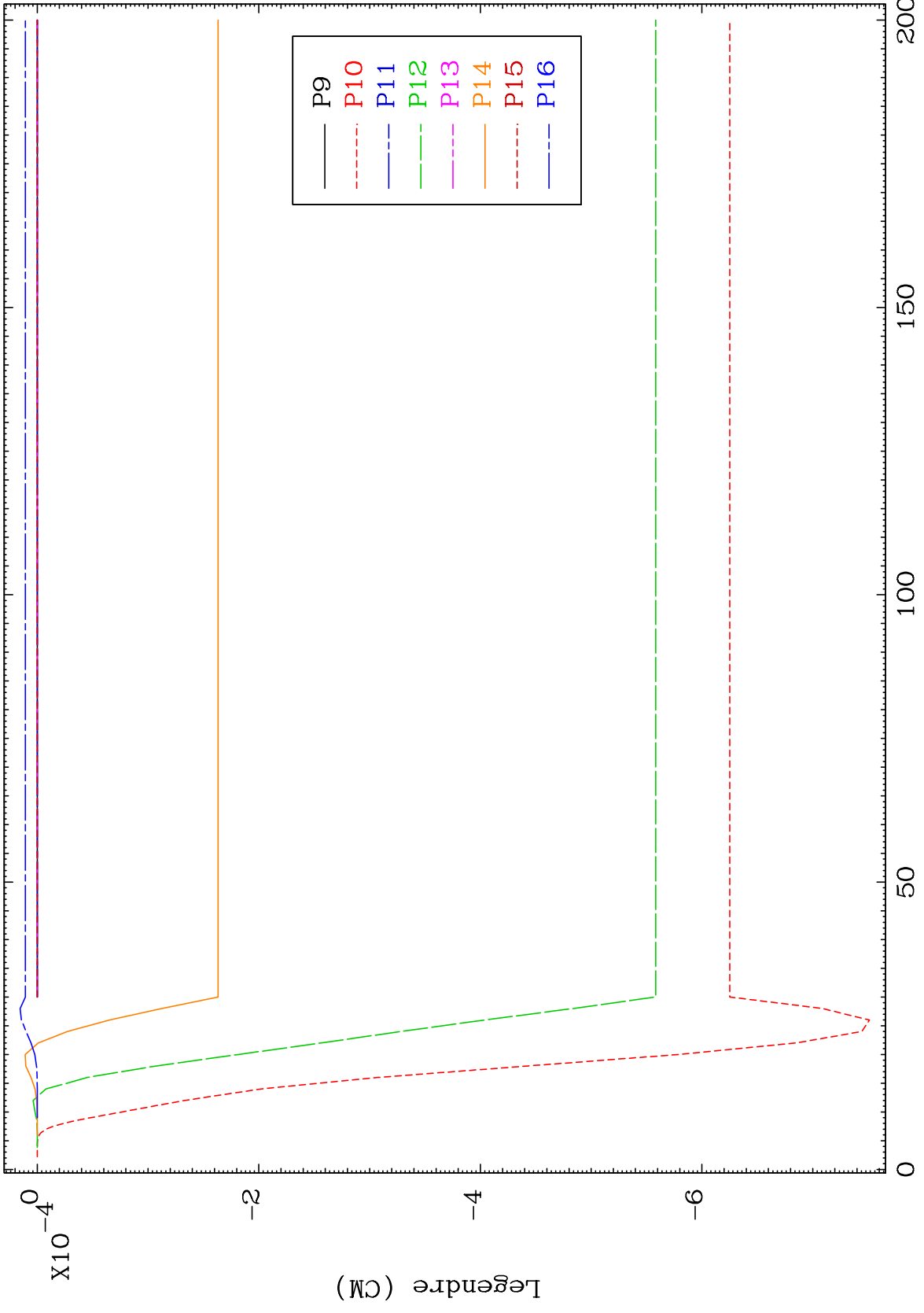


53

Incident Energy (MeV)

55-Cs-122

MAT 5492 MT= 60 (n,n') Level Legendre Coefficients 55-Cs-122

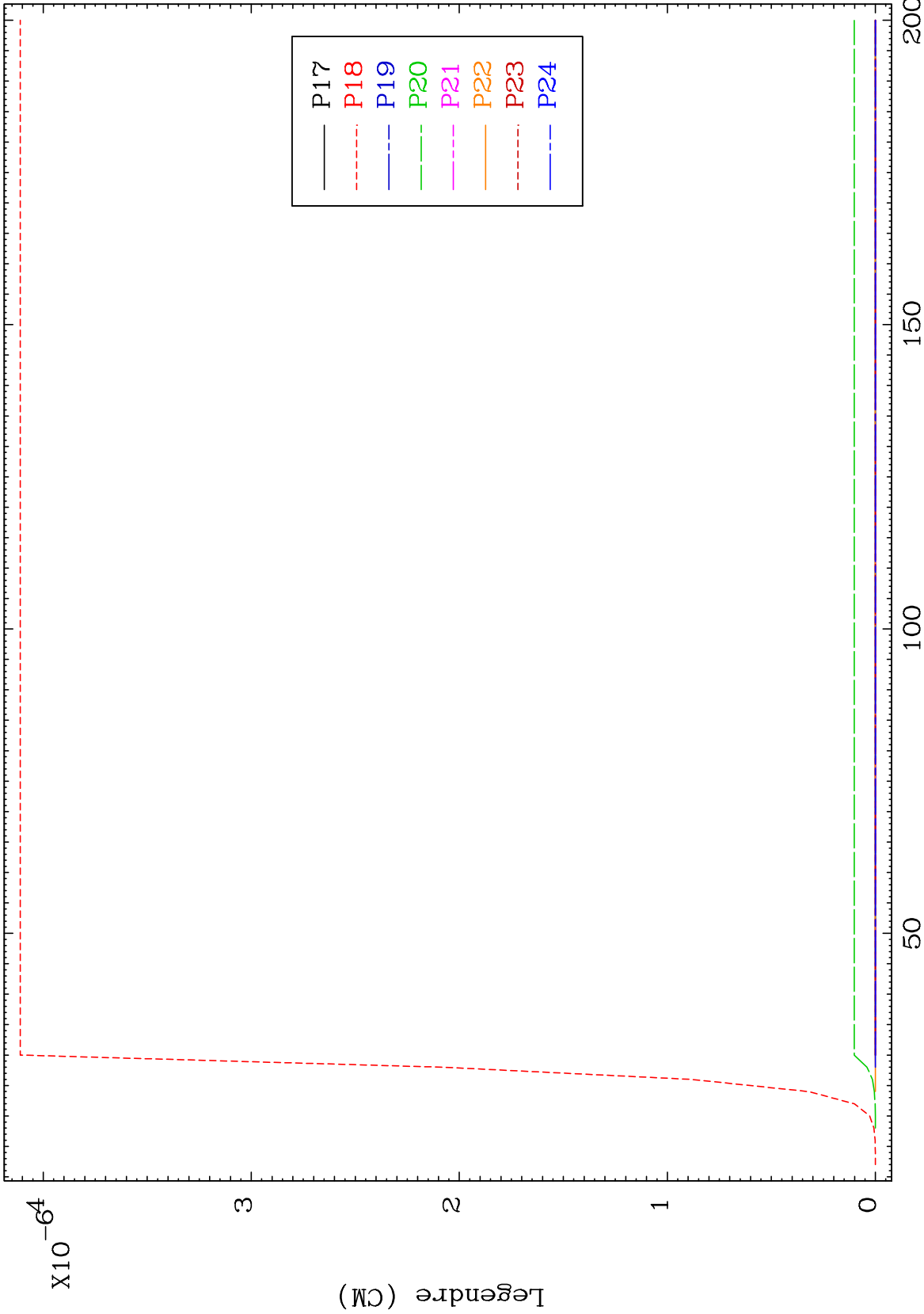


54 55-Cs-122

MAT 5492

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

55-Cs-122



55

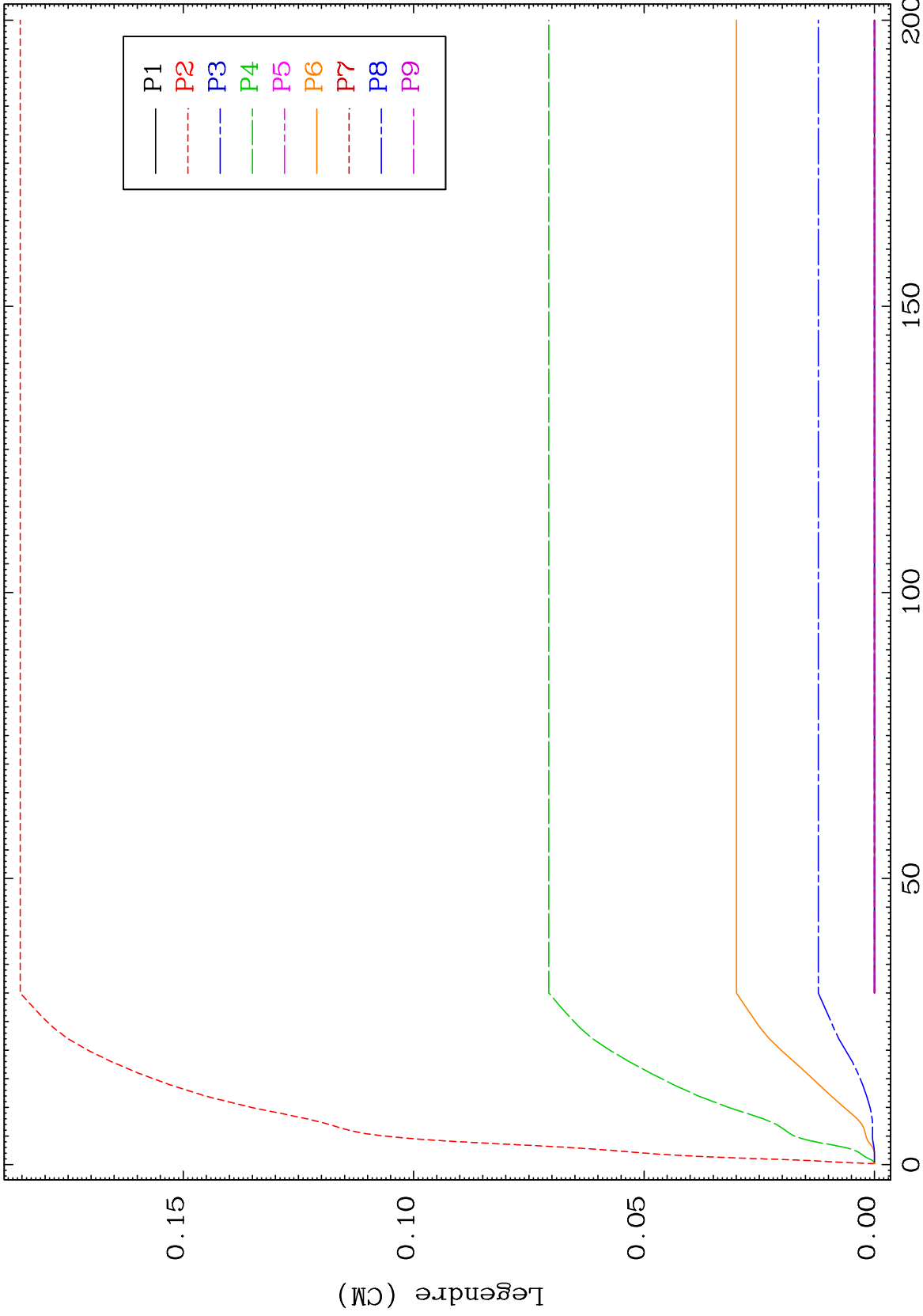
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



56

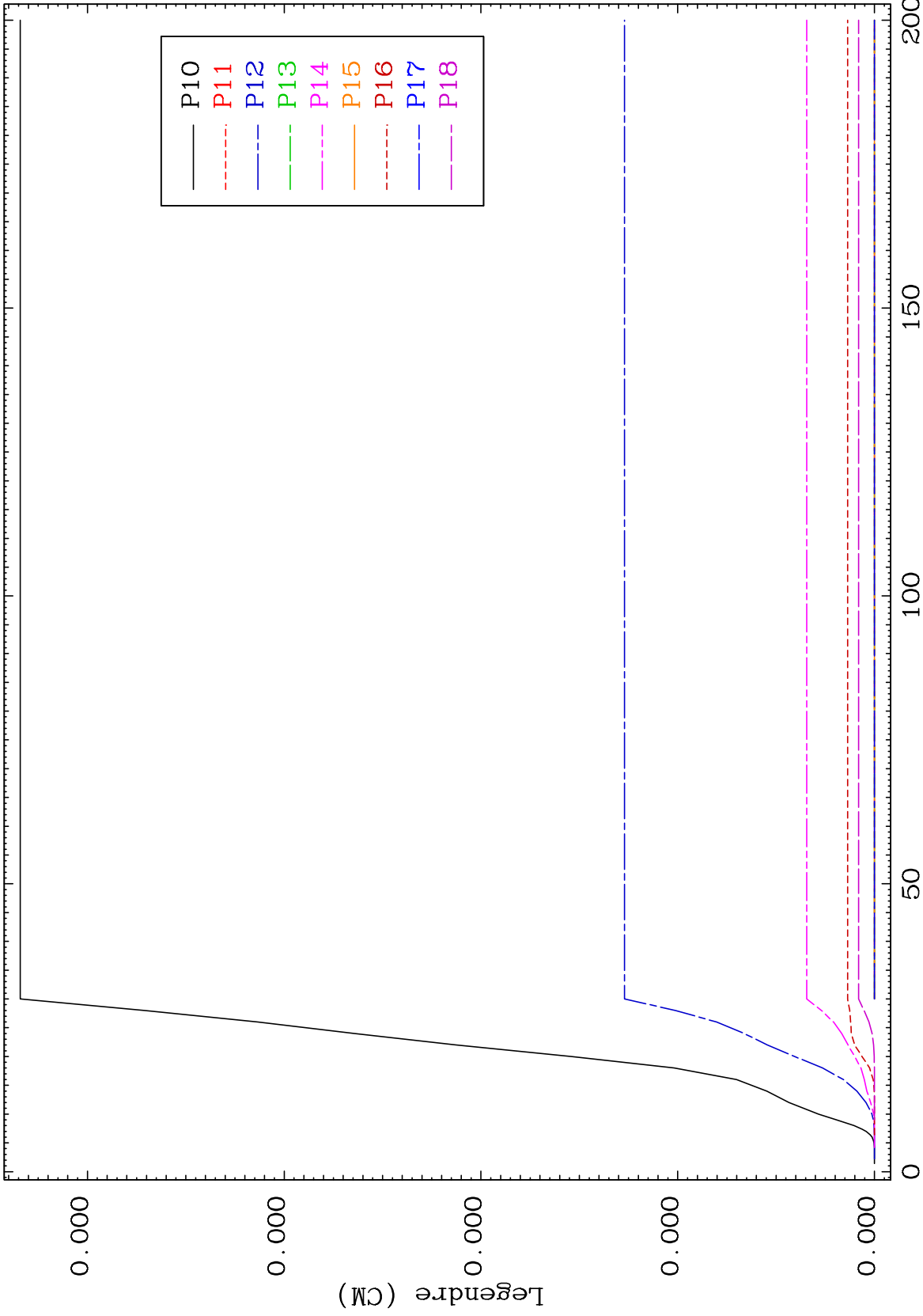
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



57

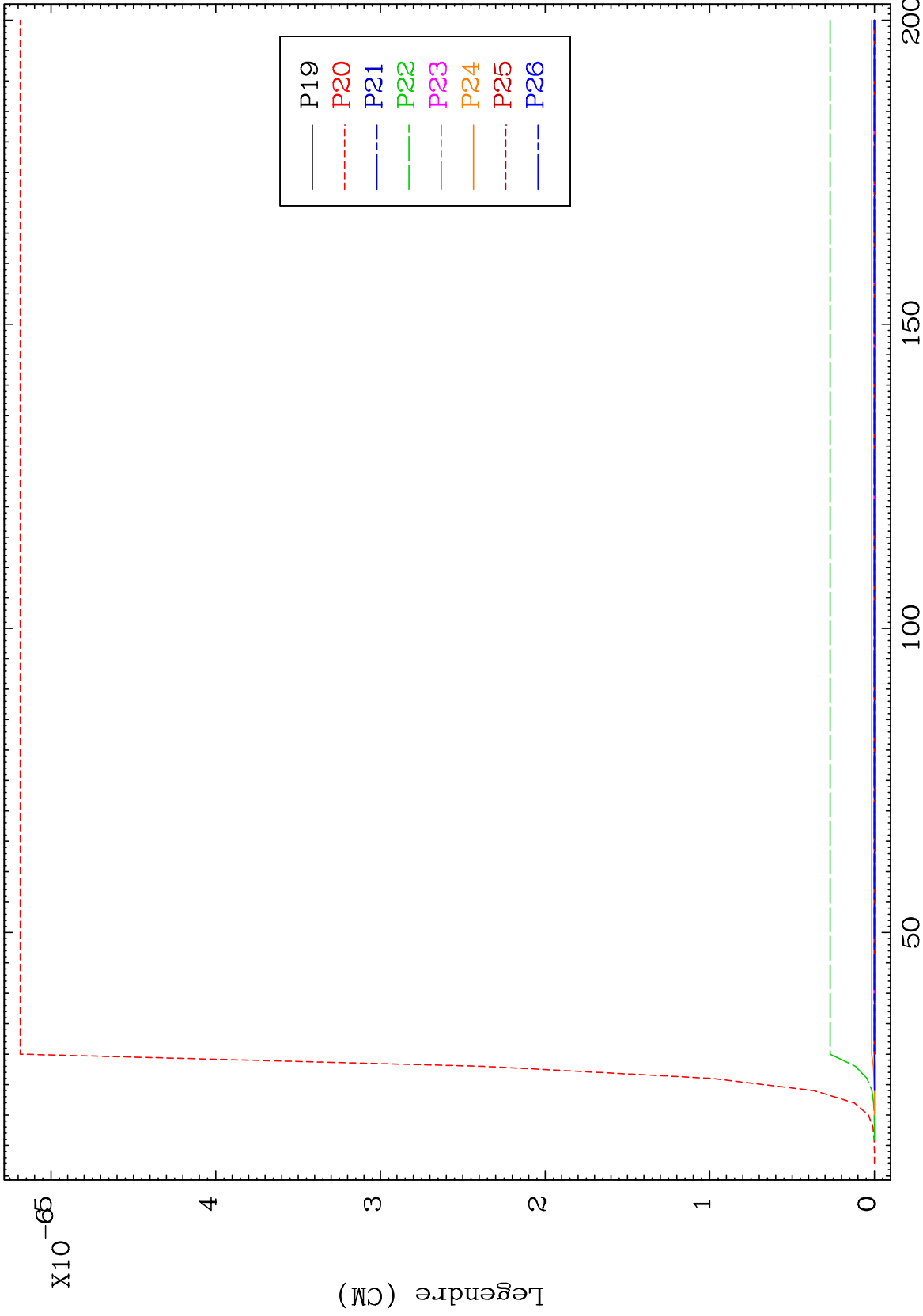
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



58

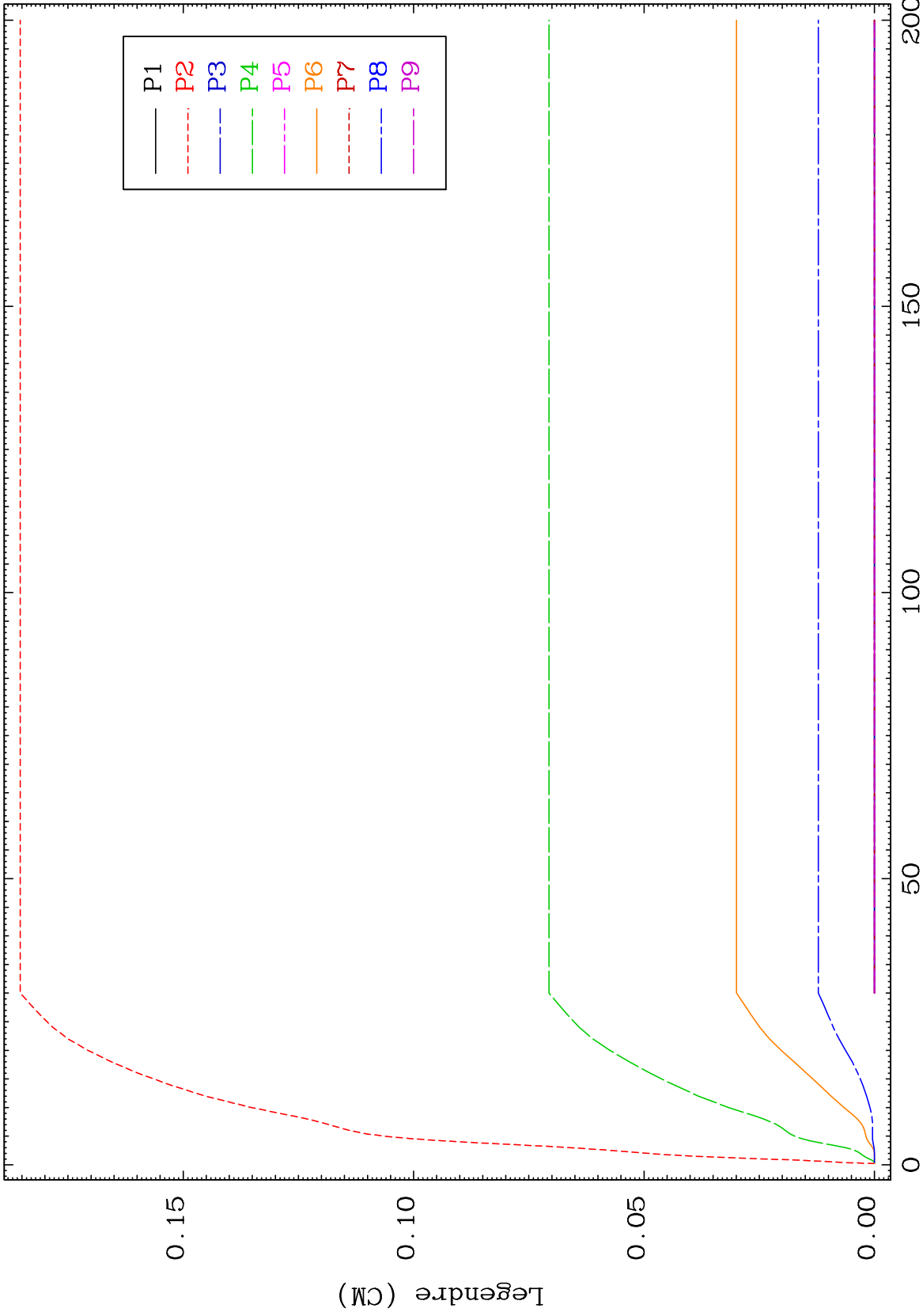
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



59

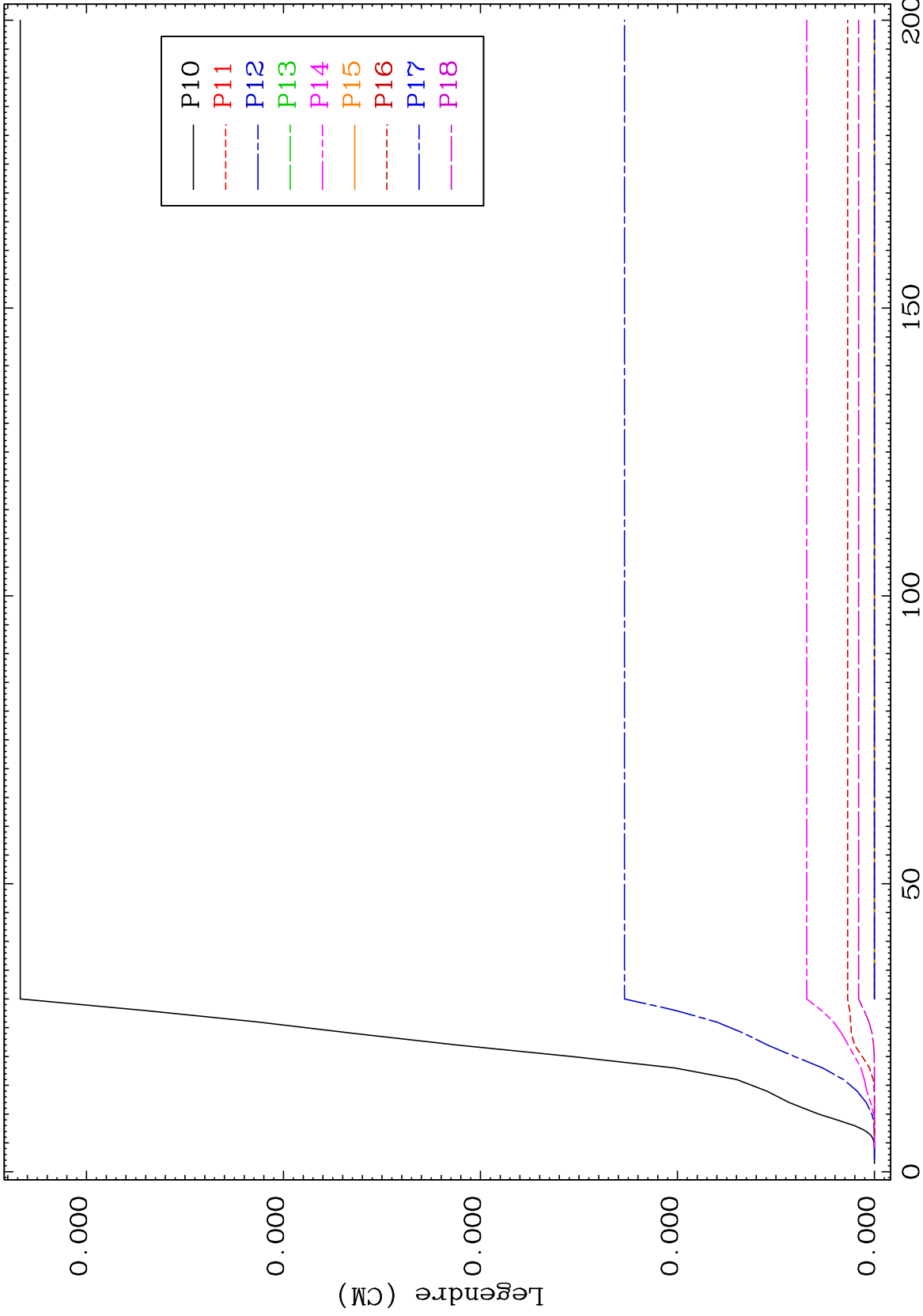
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



0

0.000

0.000

0.000

0.000

0.000

200

150

100

50

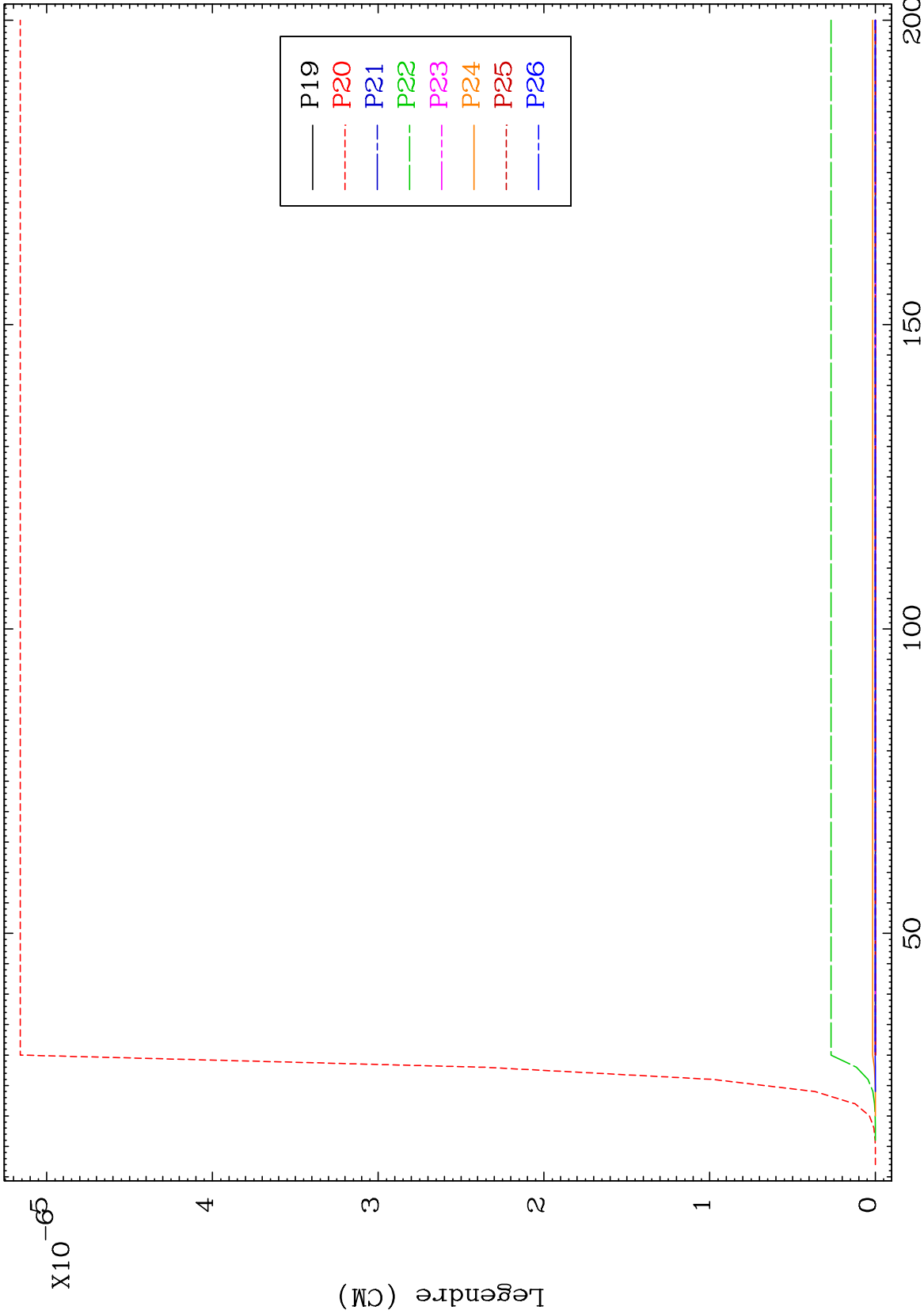
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



61

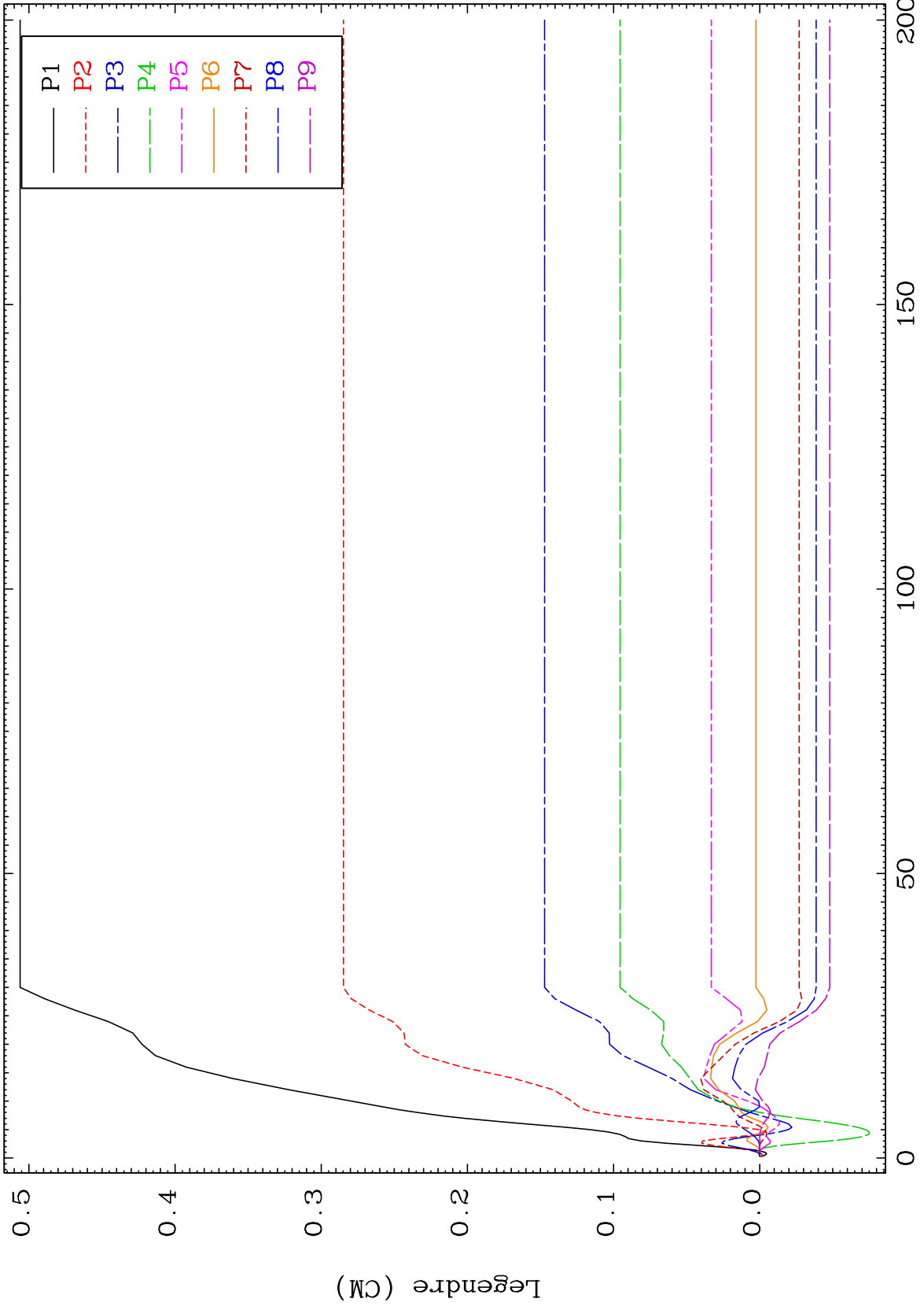
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



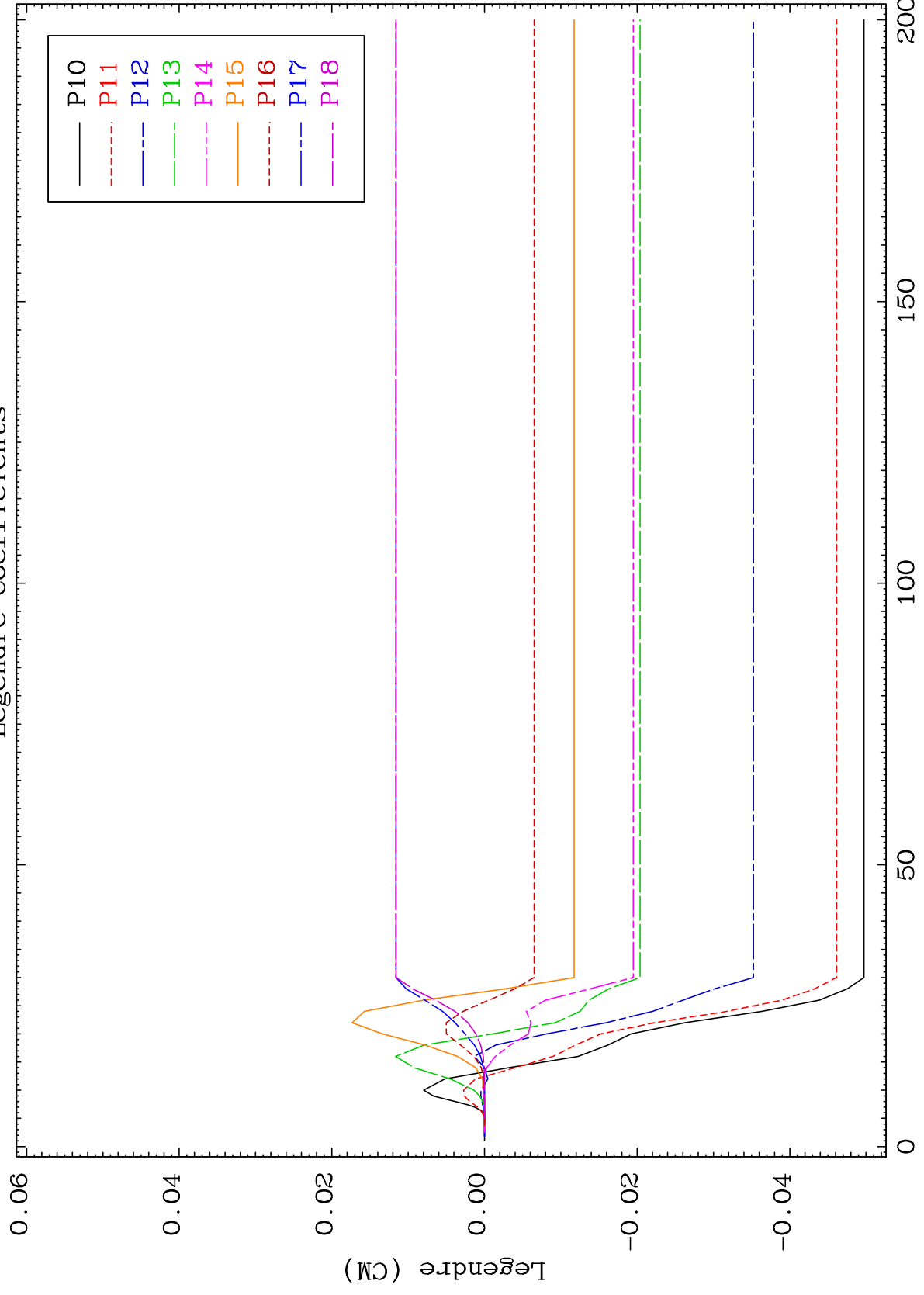
62

55-Cs-122

MAT 5492

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

55-Cs-122



63

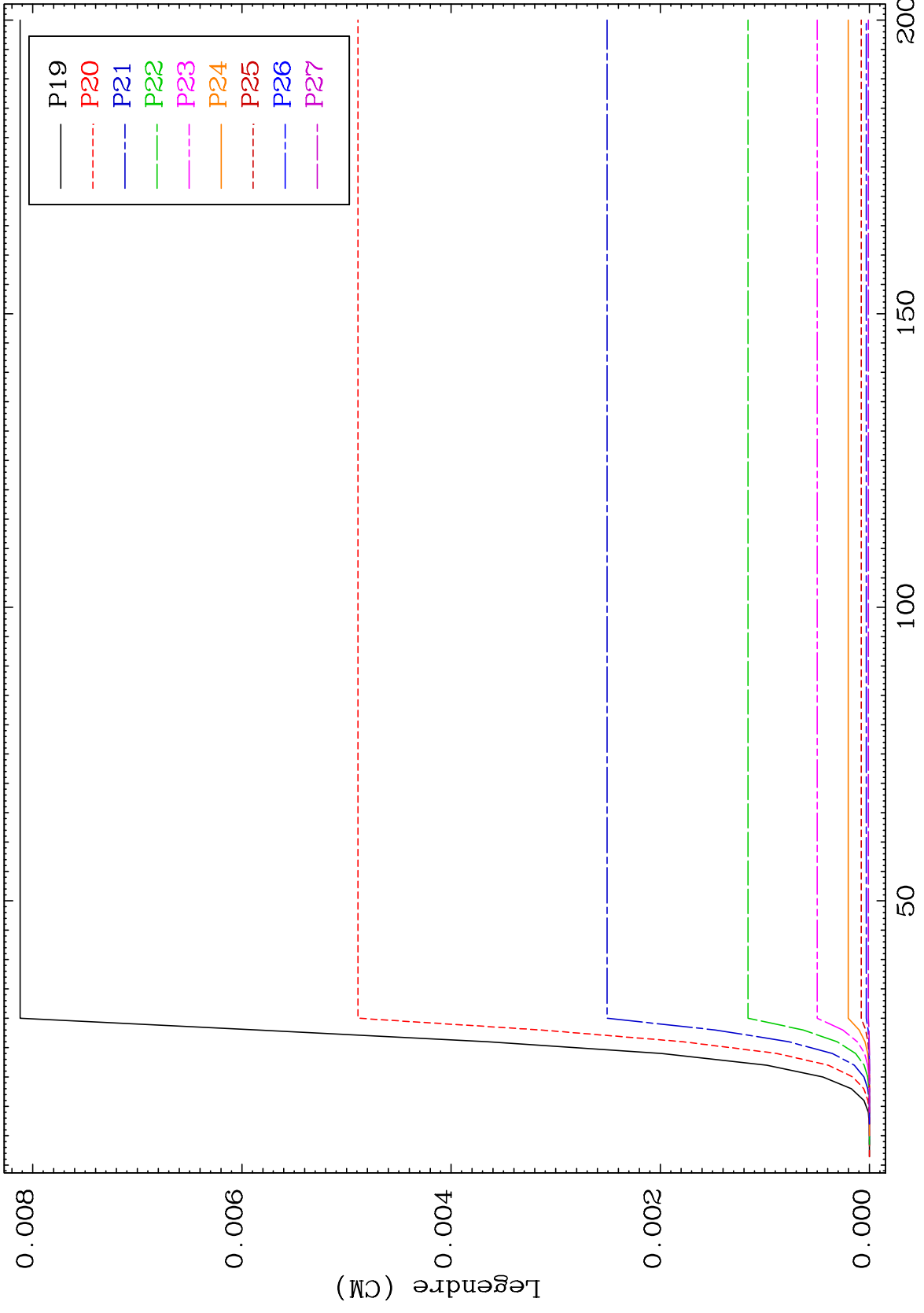
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



64

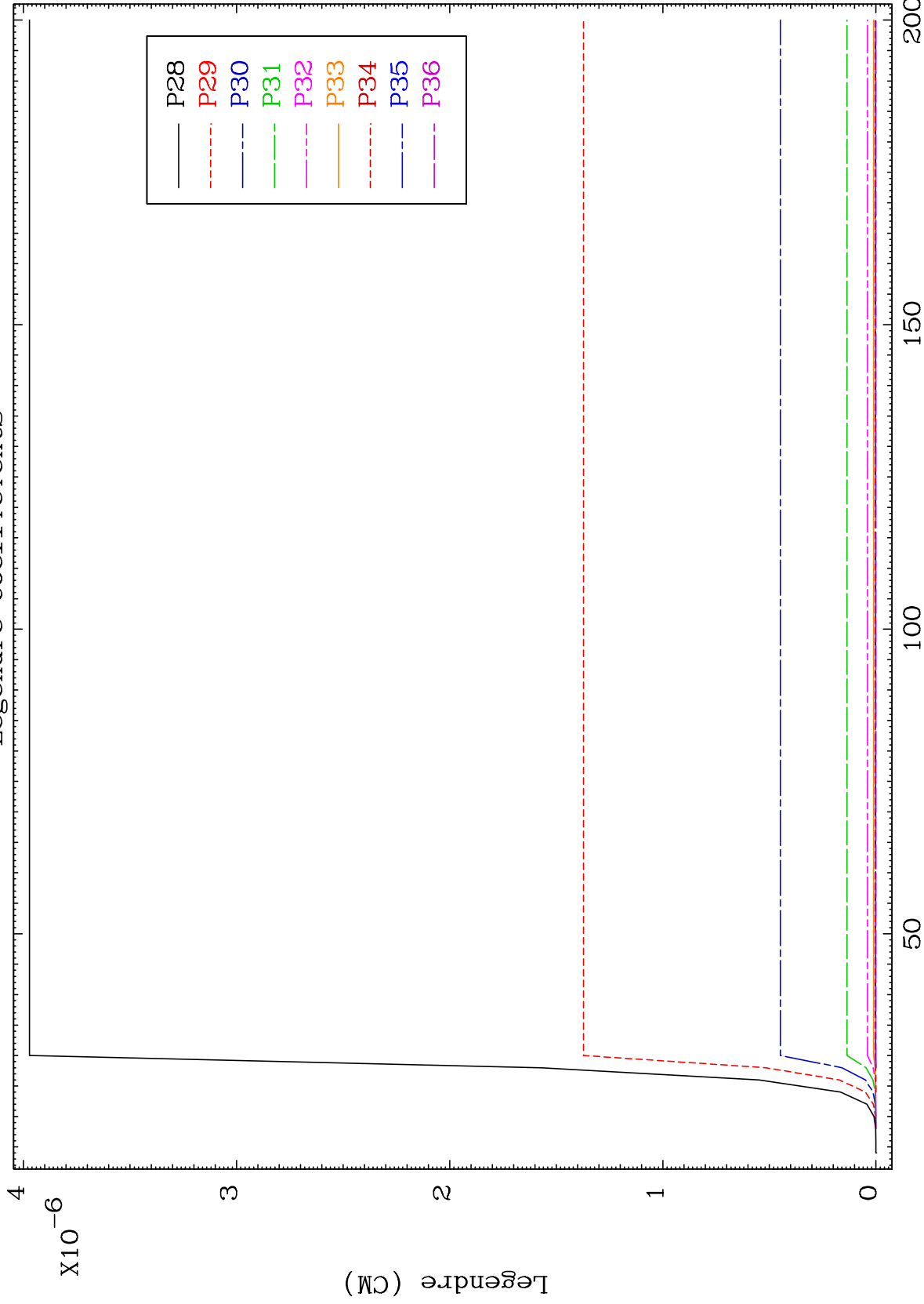
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



65

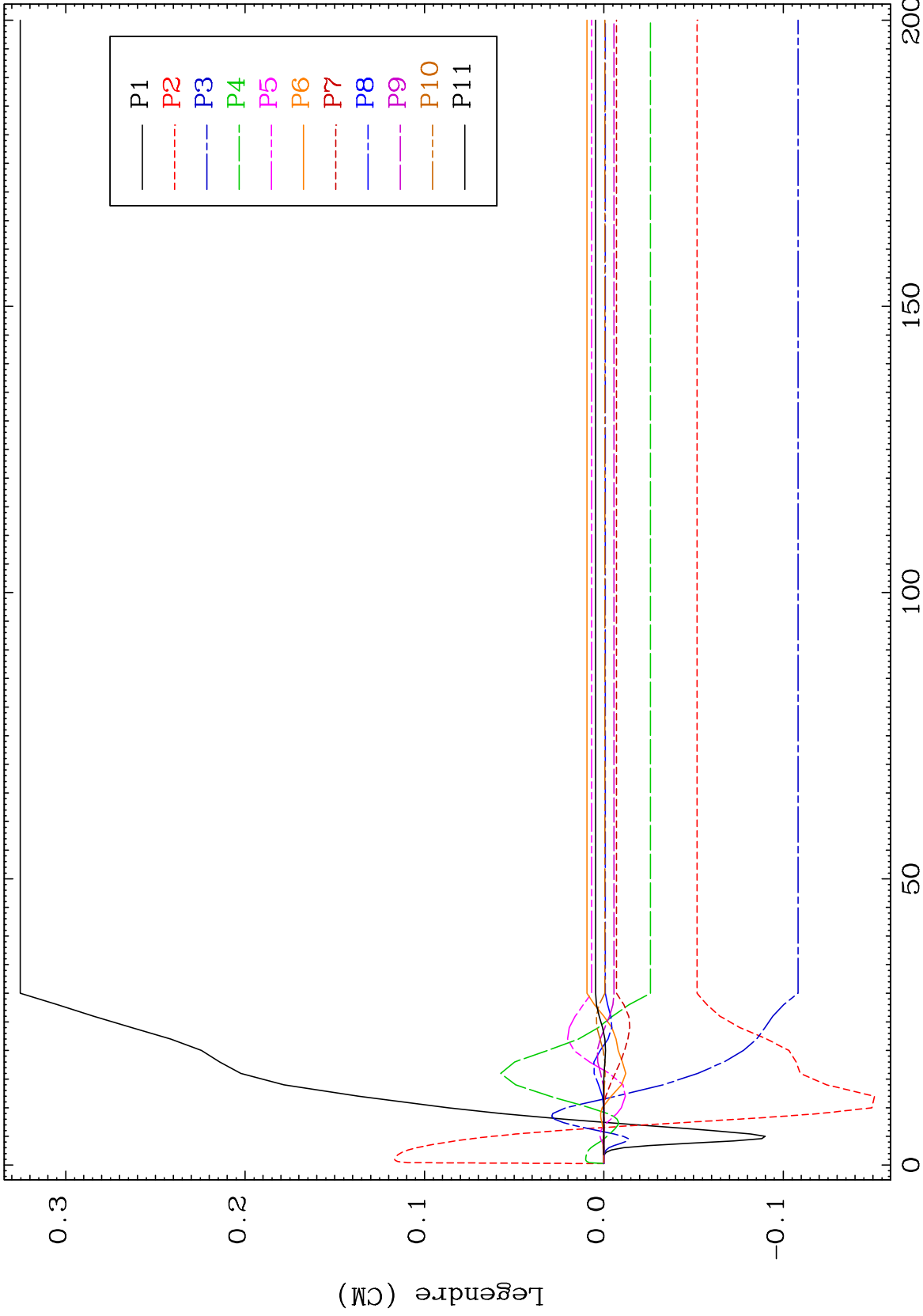
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



66

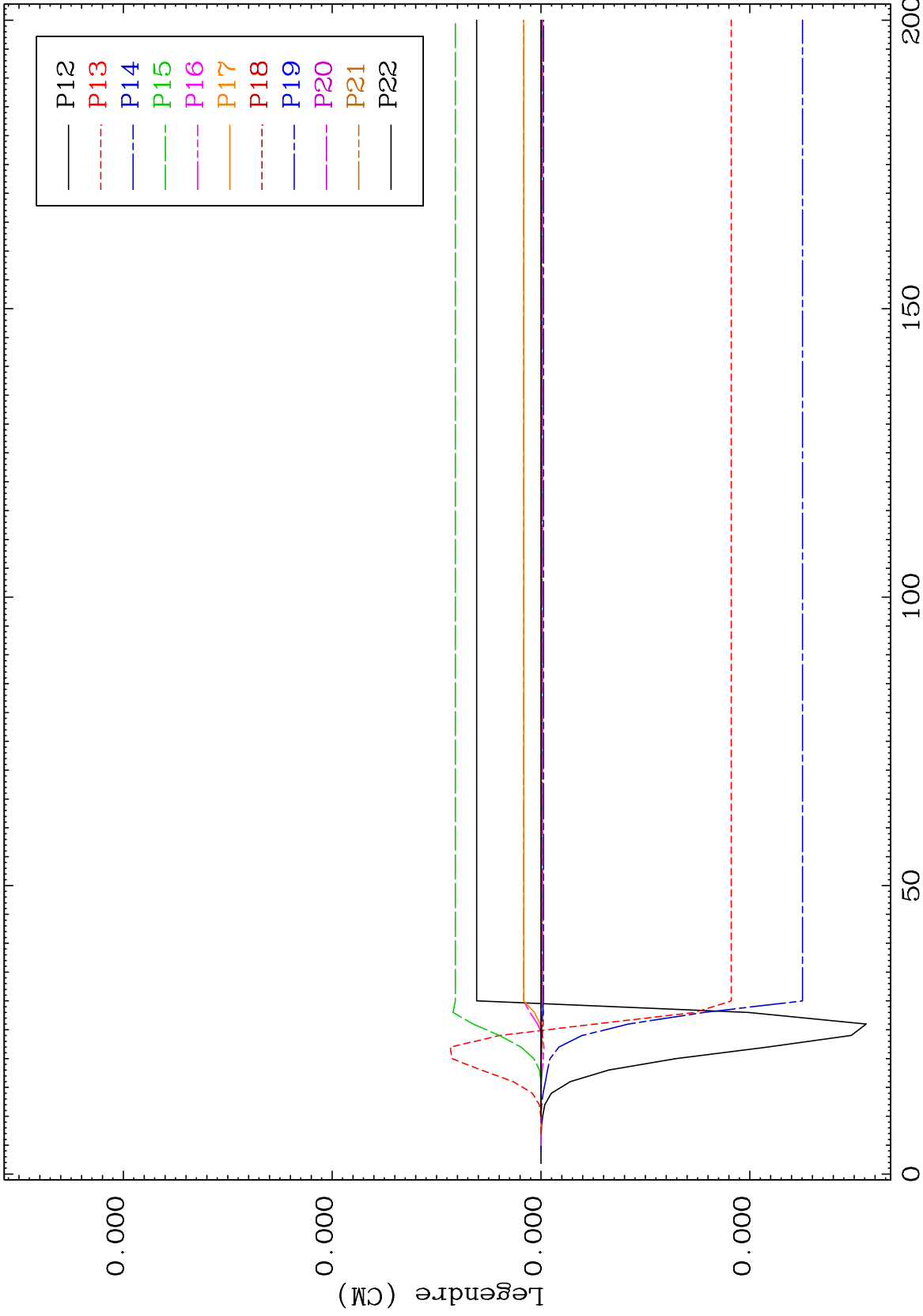
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



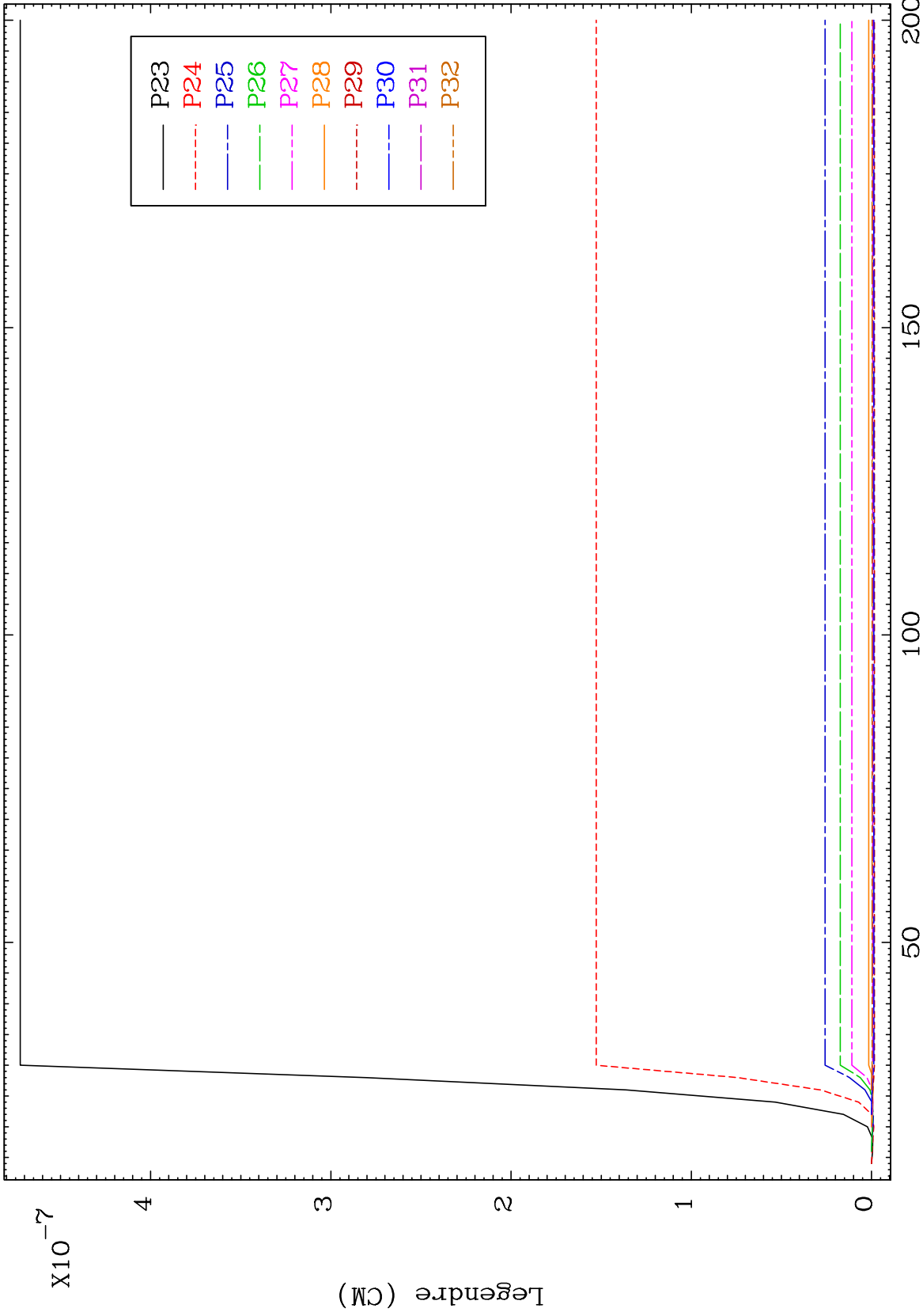
67

55-Cs-122

MAT 5492

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

55-Cs-122



68

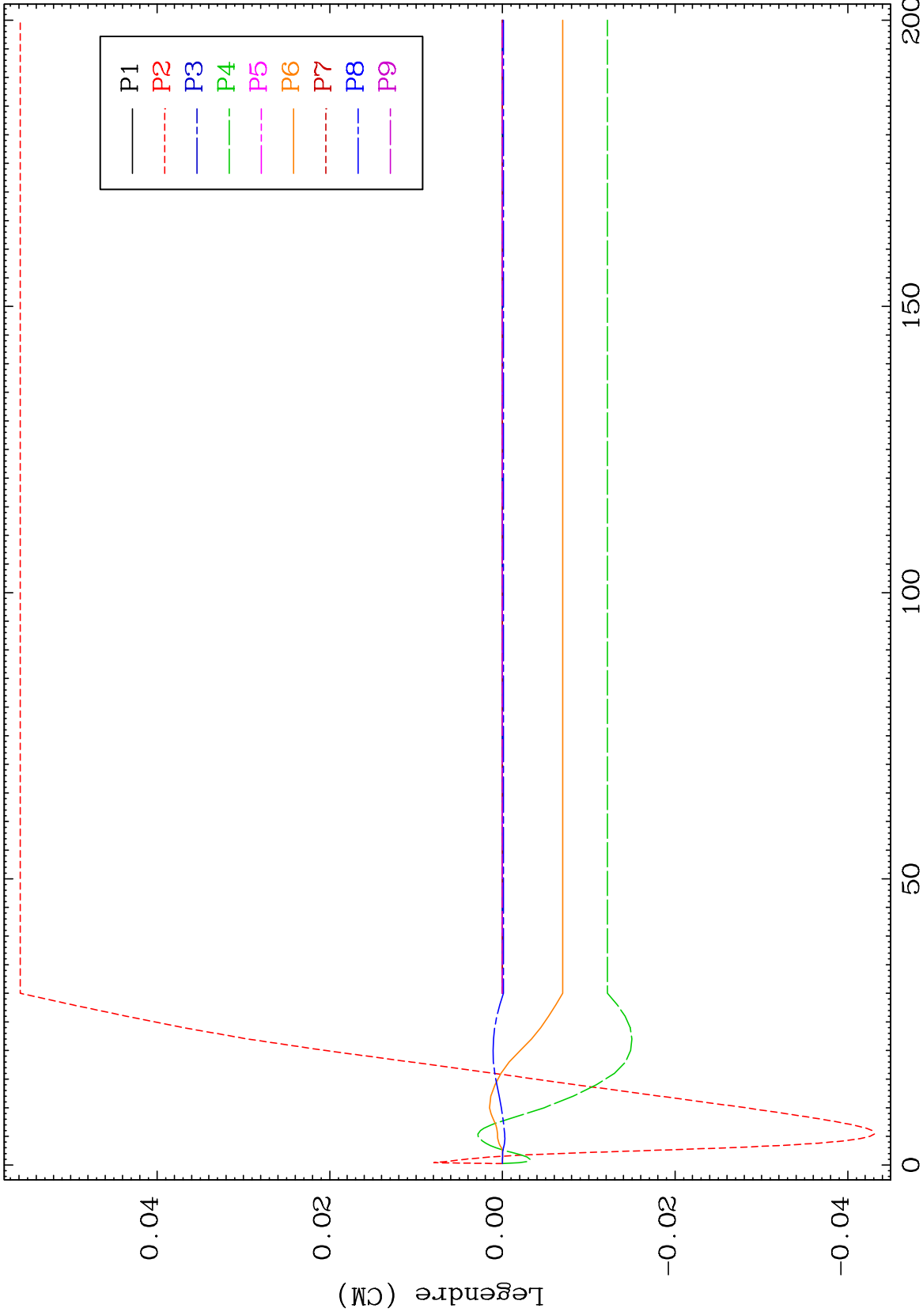
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



69

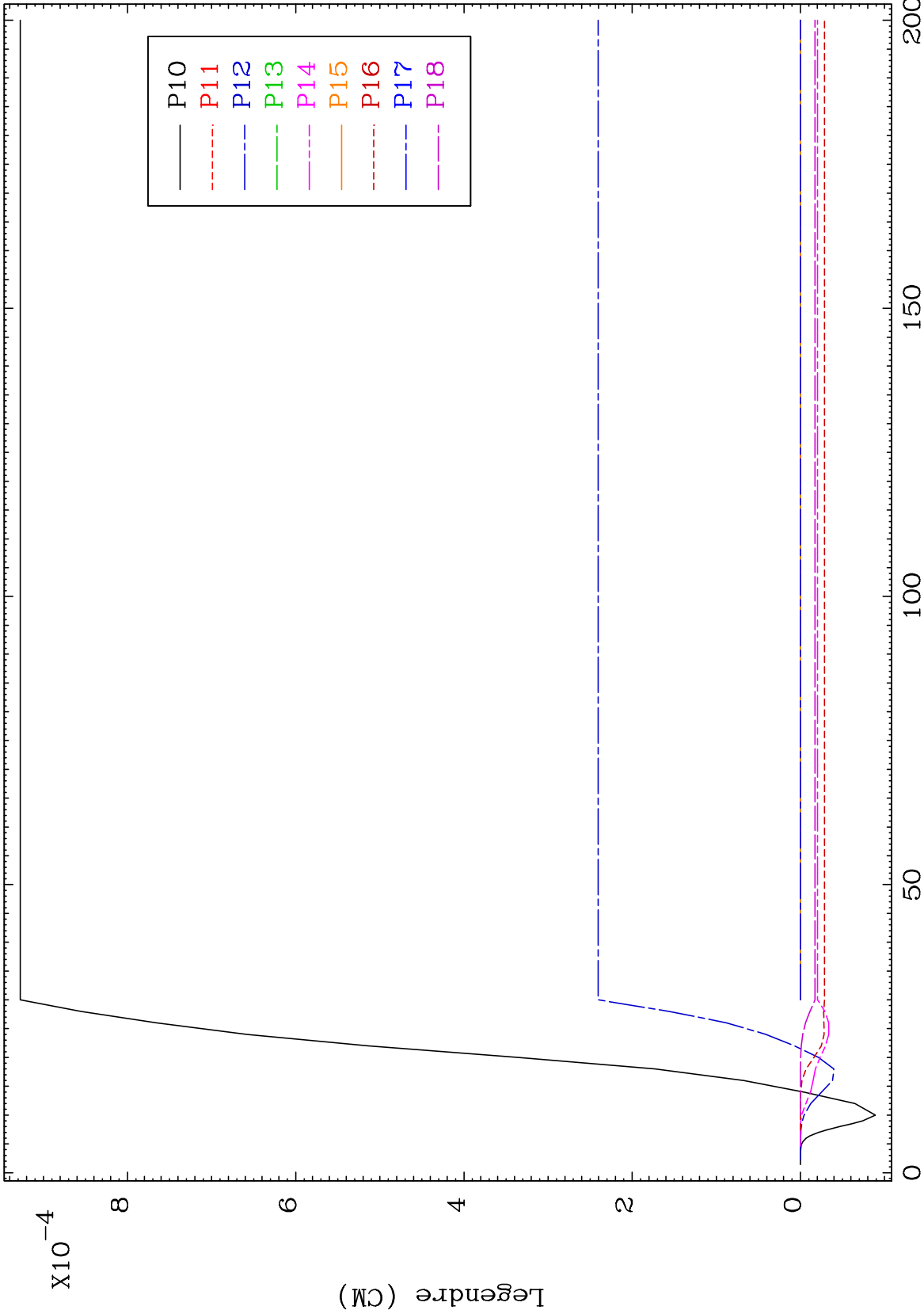
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



70

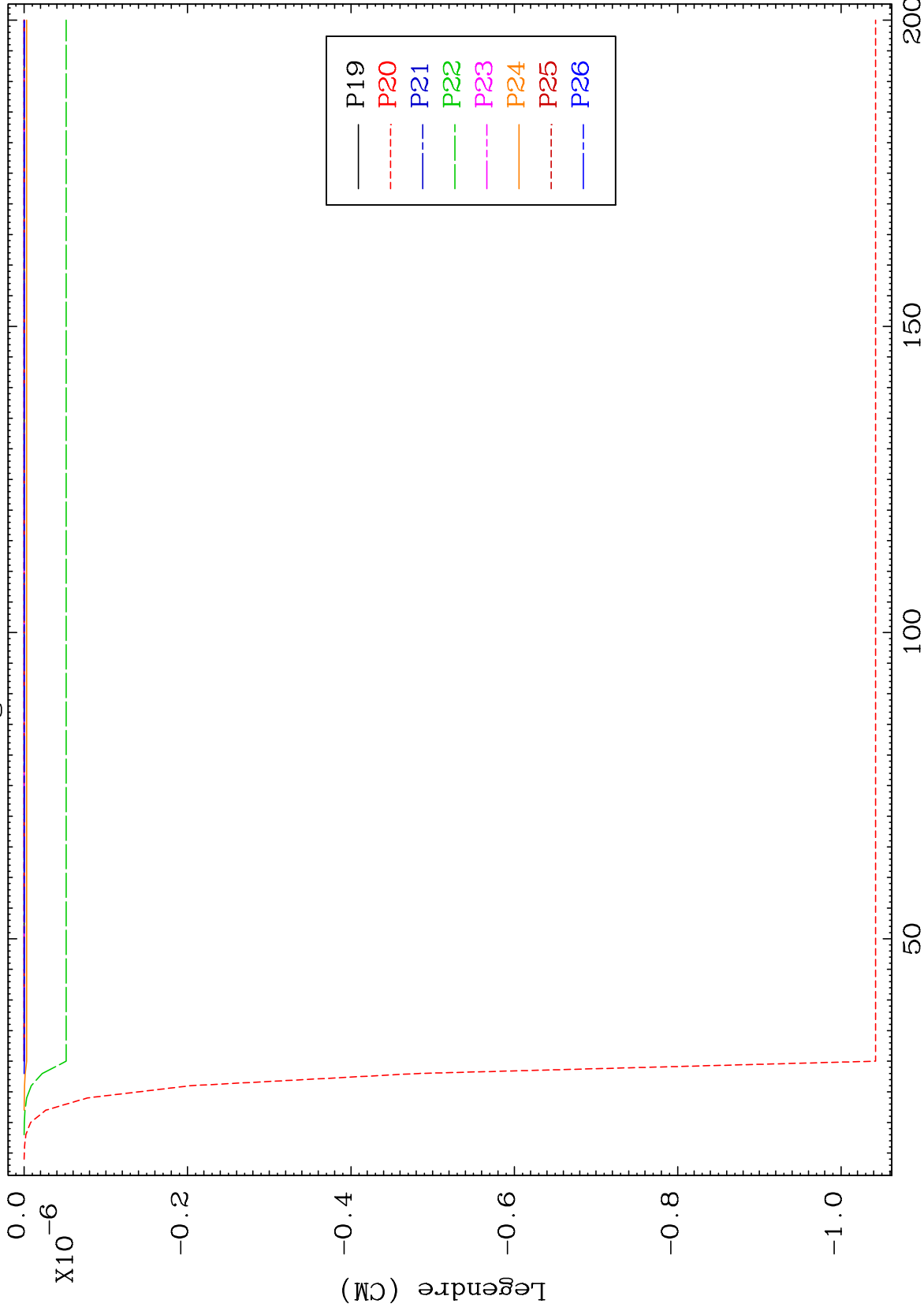
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



71

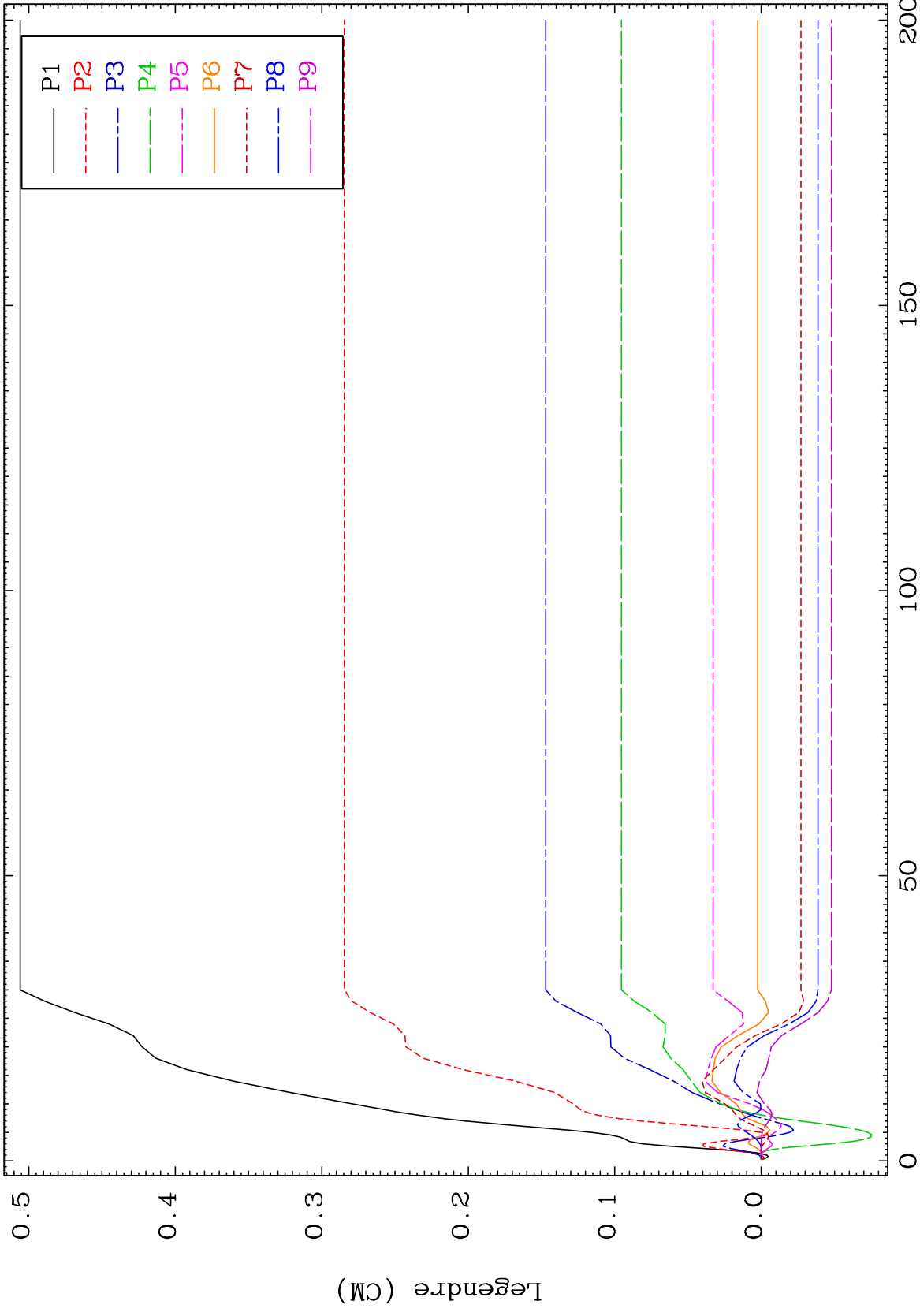
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



72

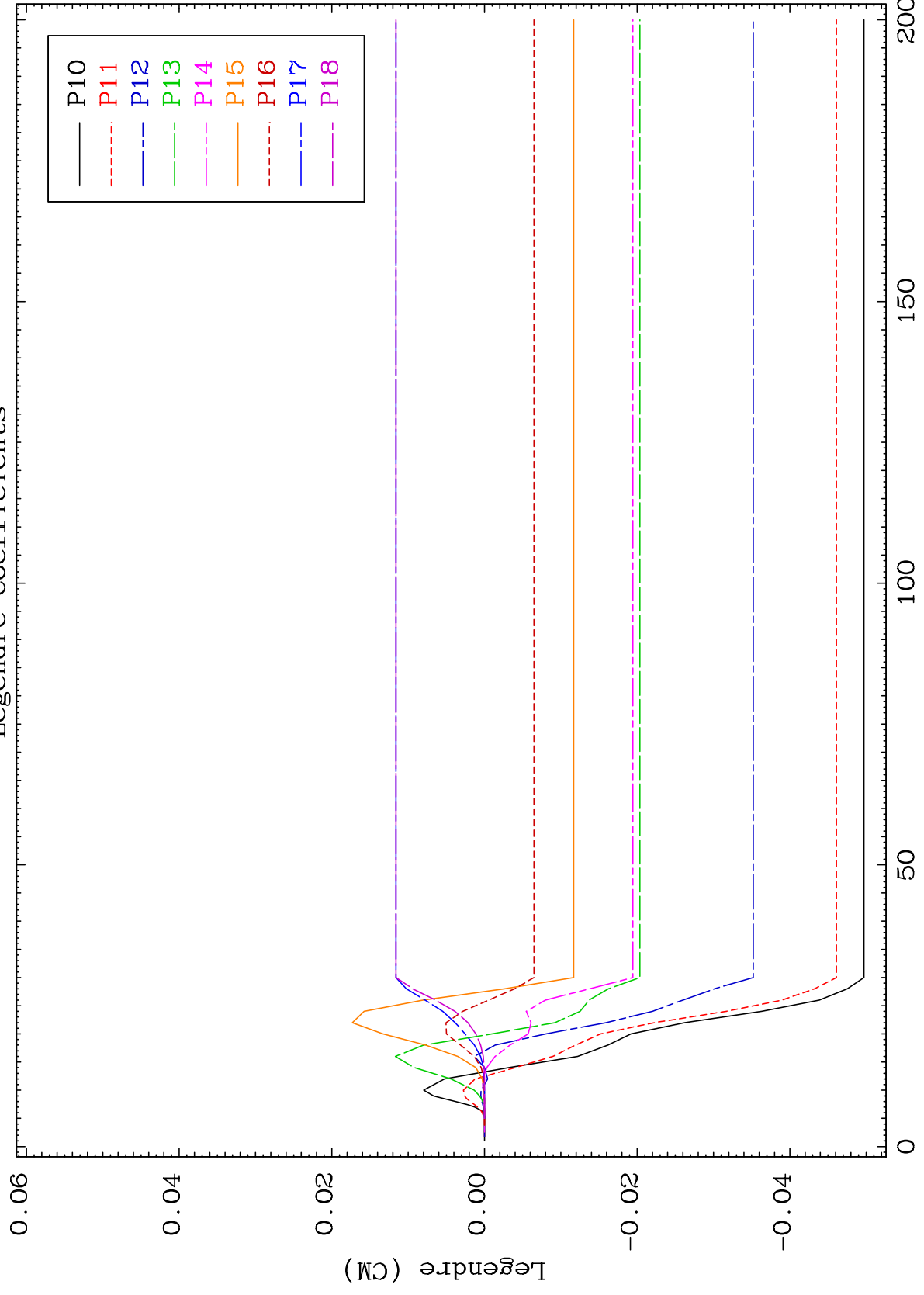
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



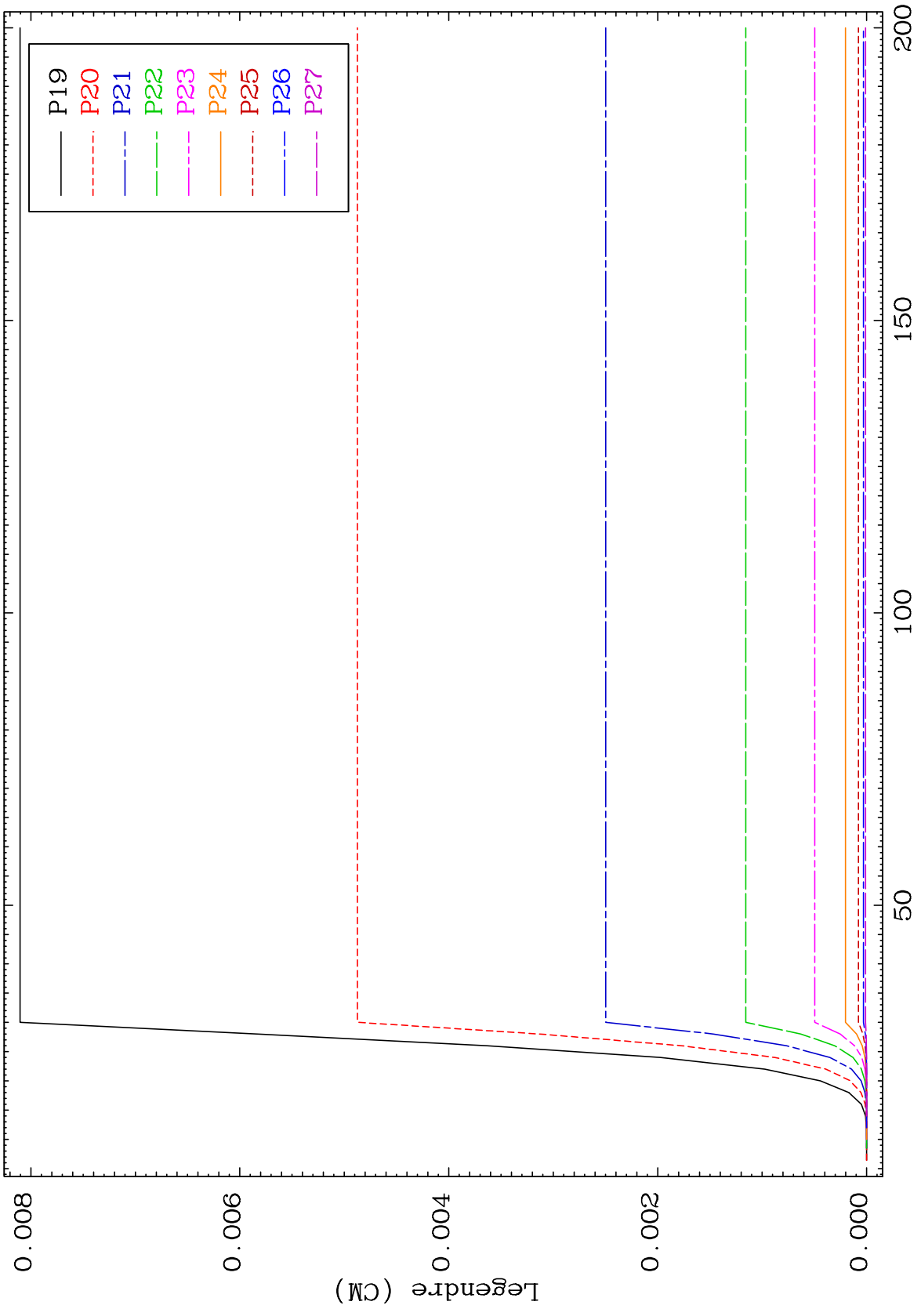
73

55-Cs-122

MAT 5492

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

55-Cs-122



74

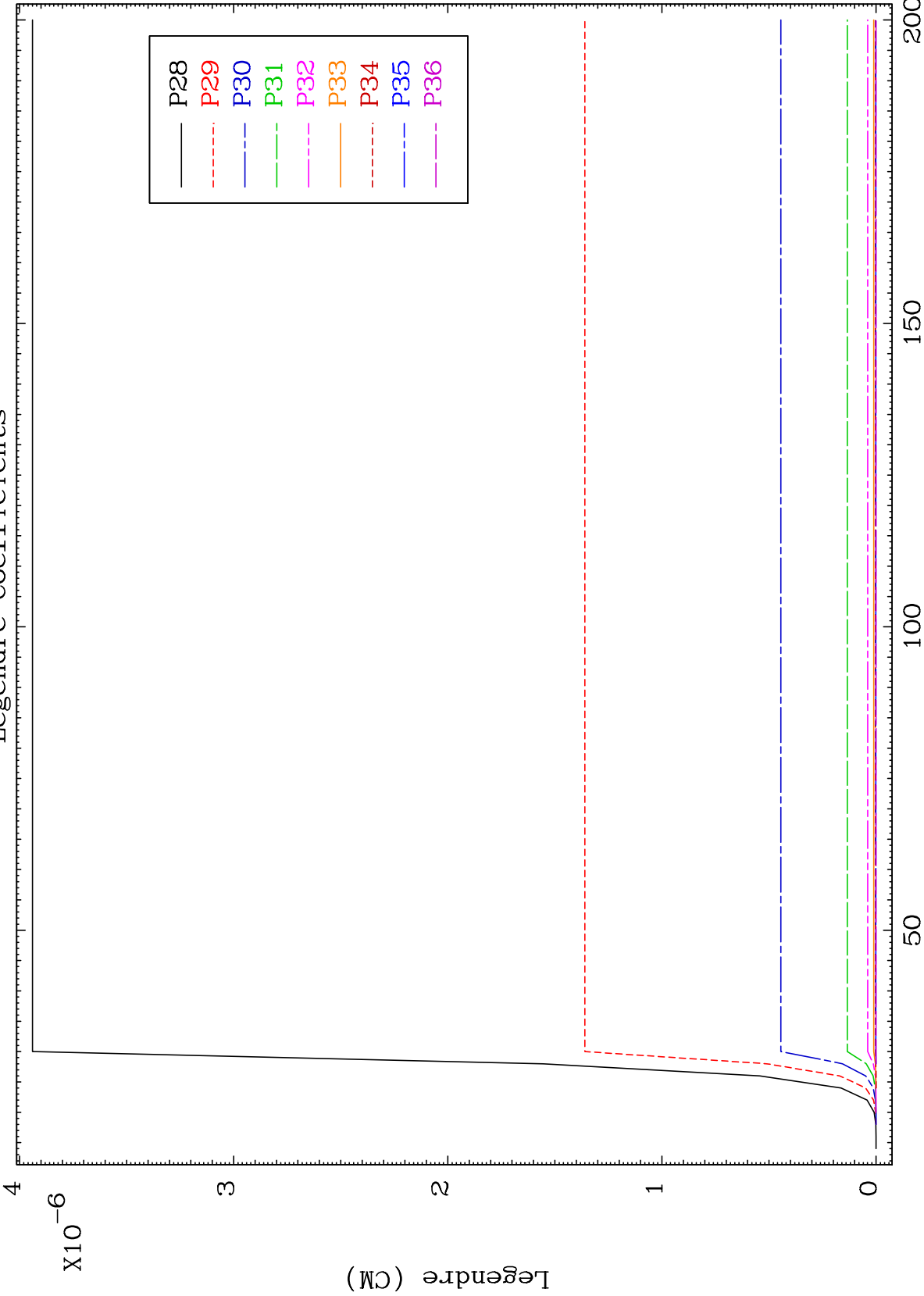
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



75

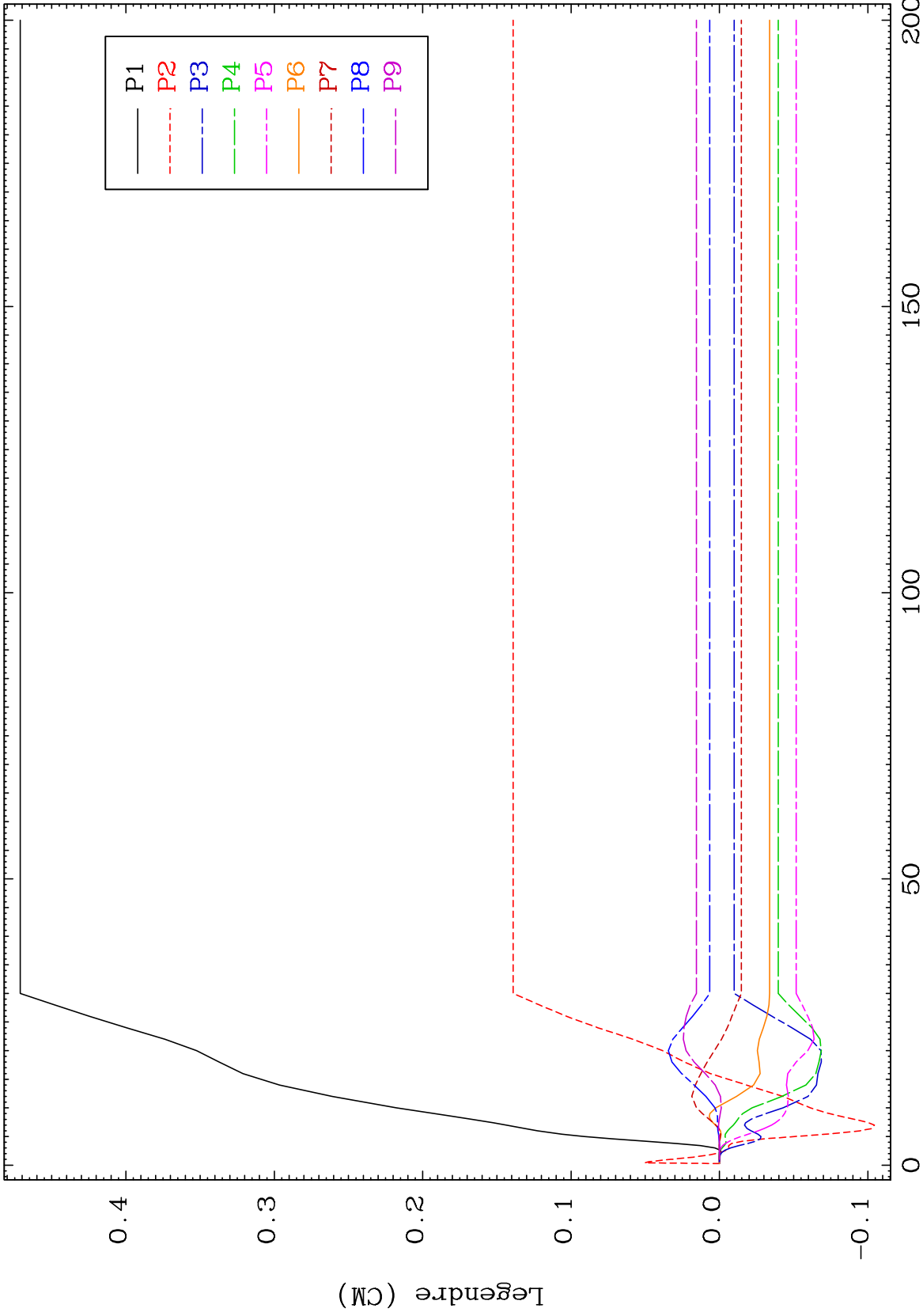
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



76

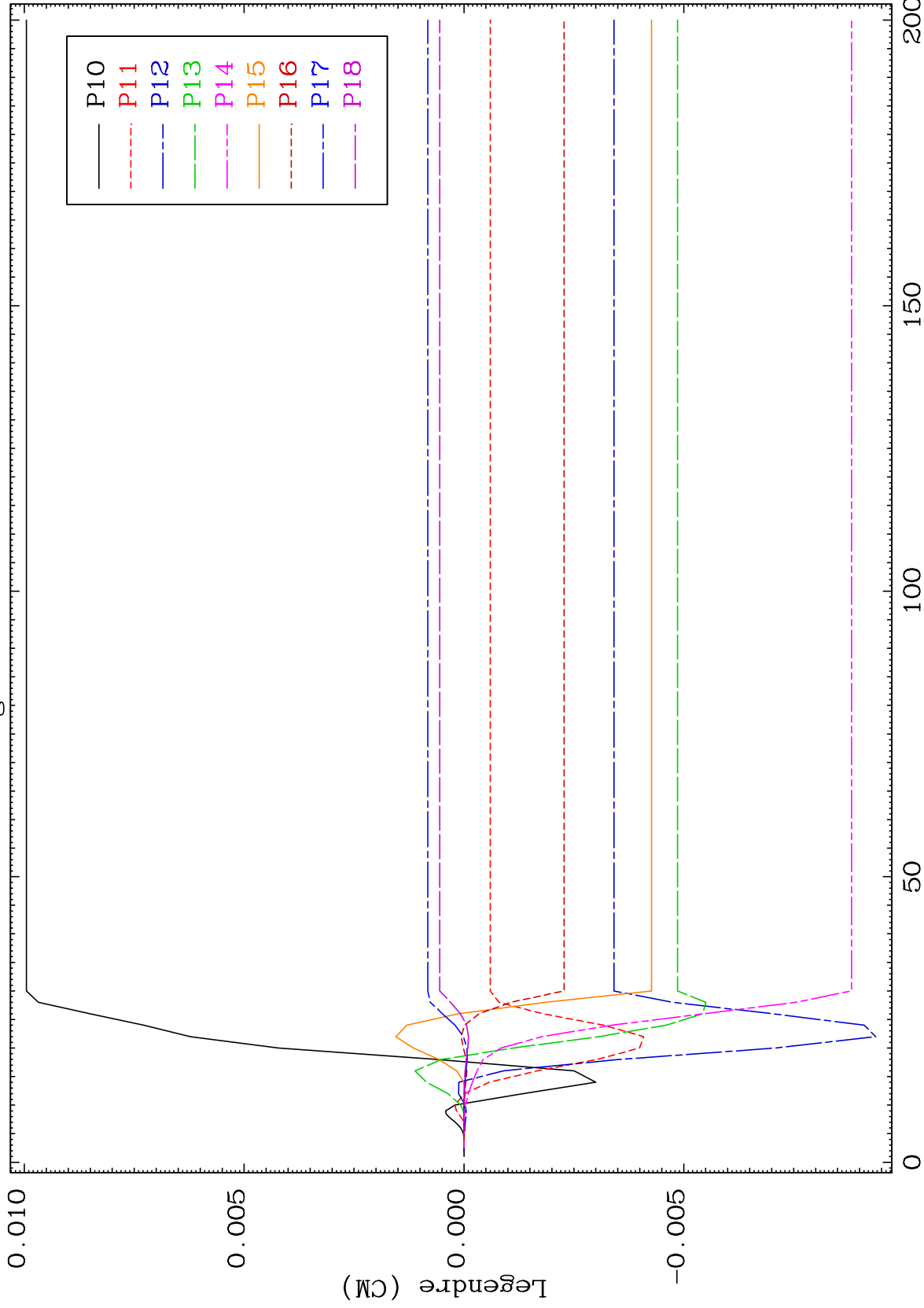
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



77

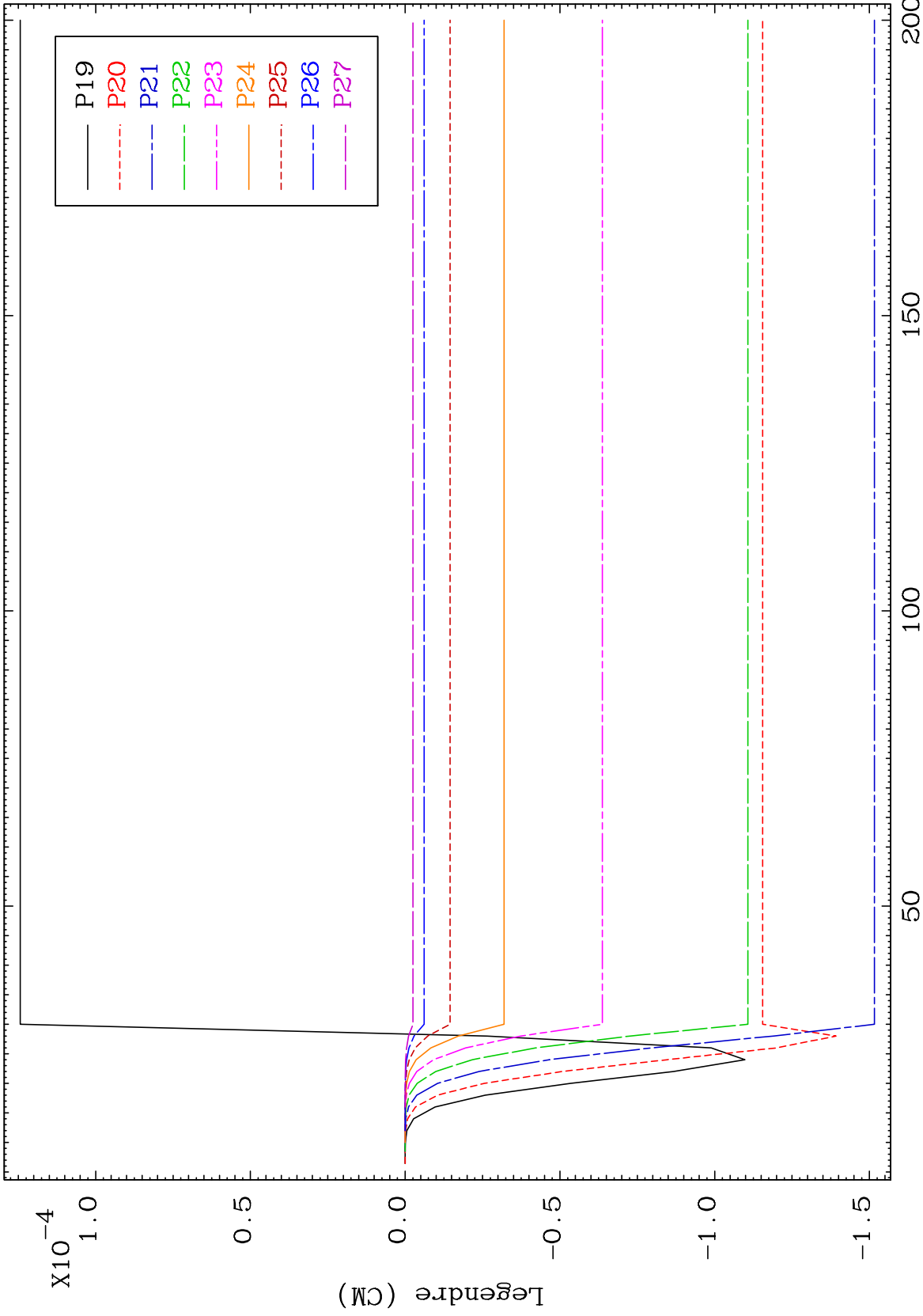
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



78

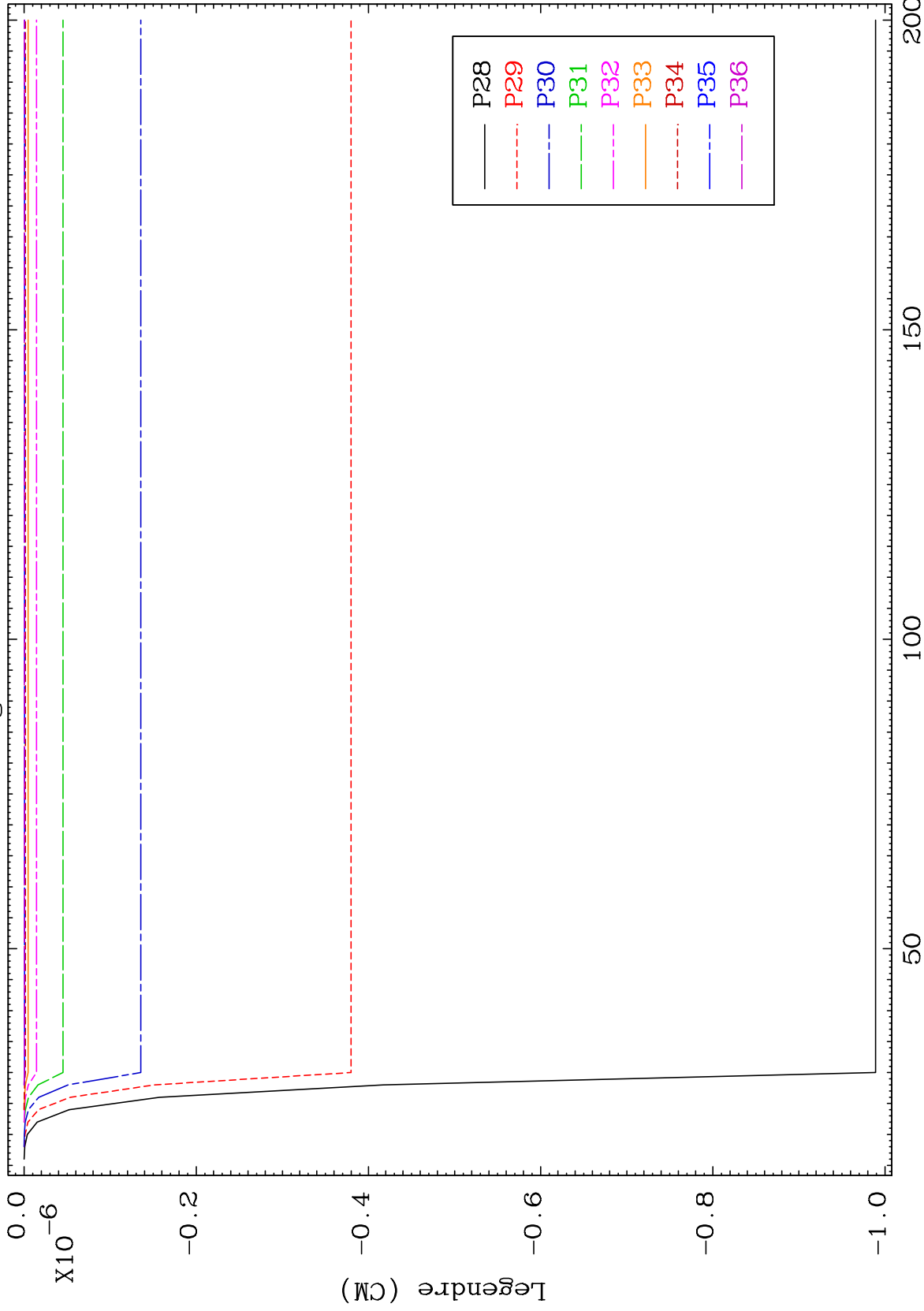
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



79

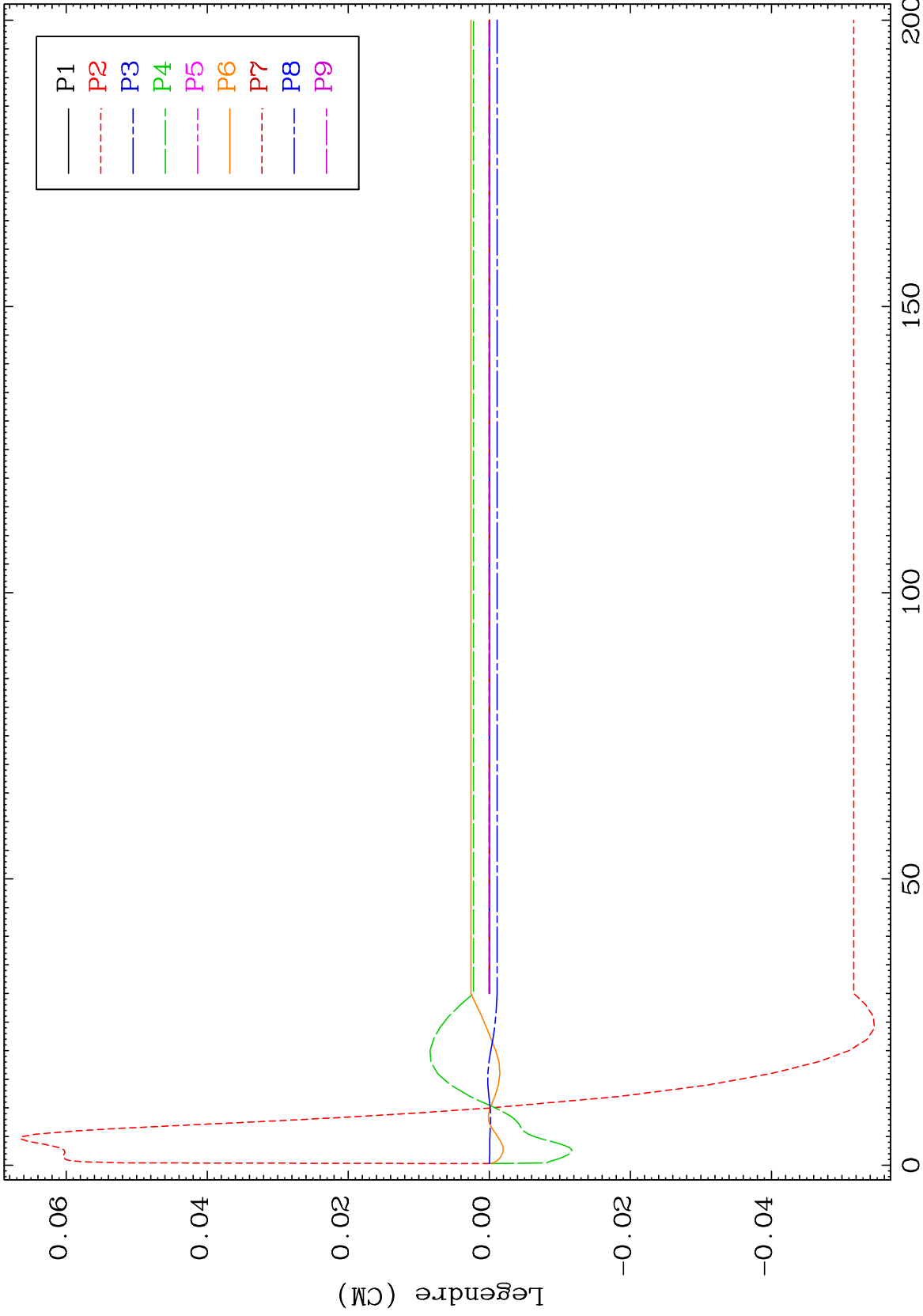
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



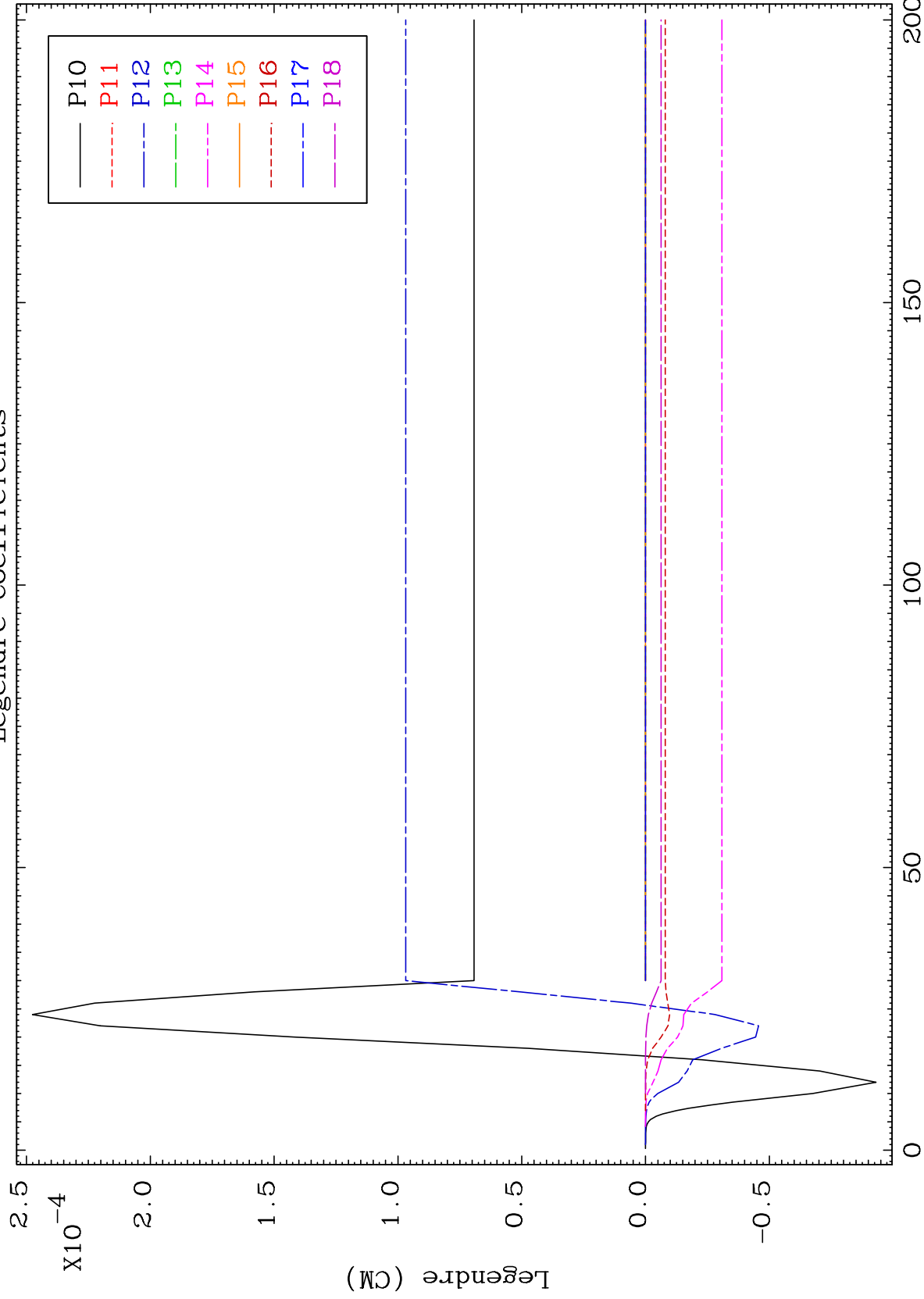
55-Cs-122

Incident Energy (MeV)

MAT 5492

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

55-Cs-122



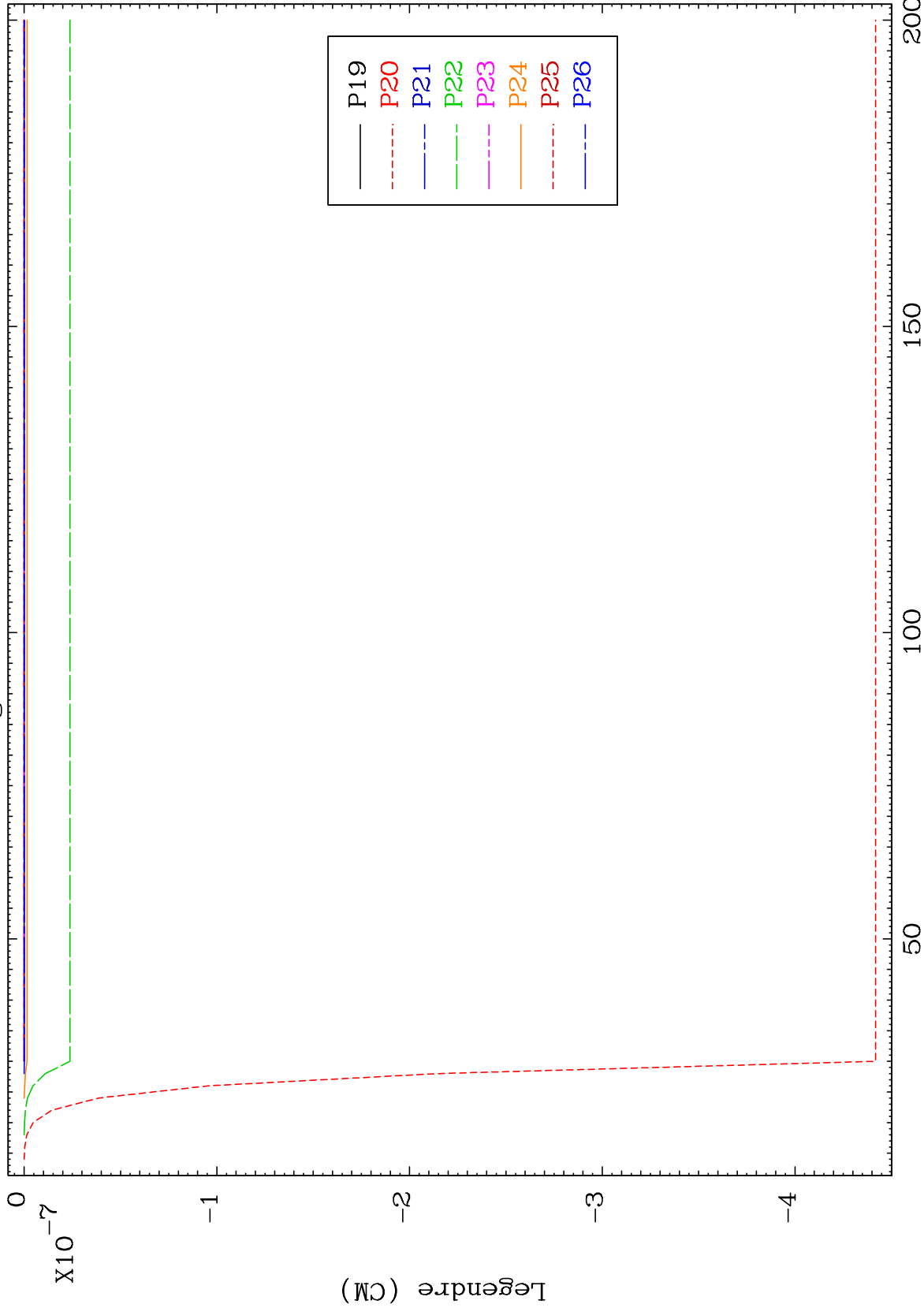
81

55-Cs-122

MAT 5492

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

55-Cs-122



82

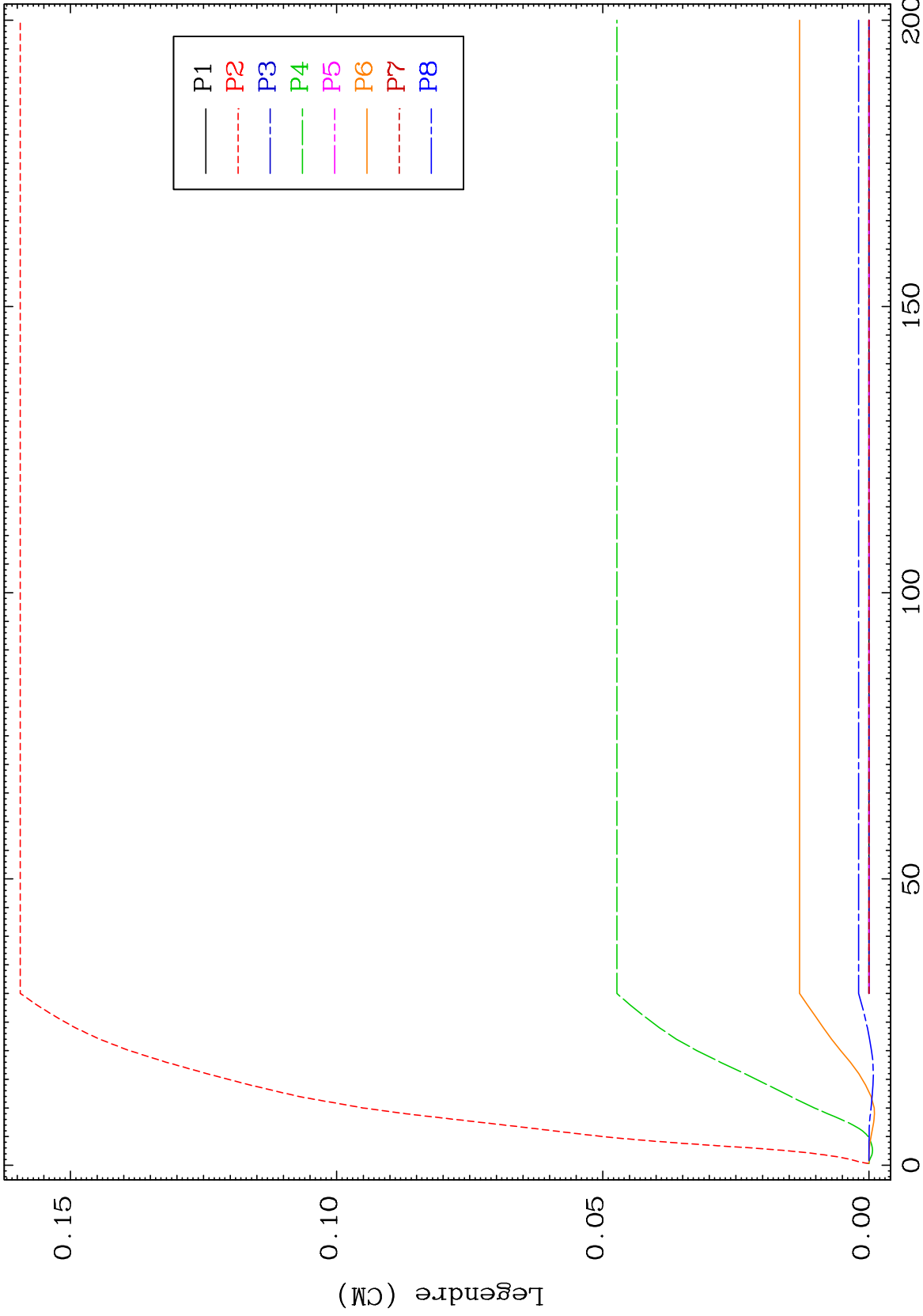
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122

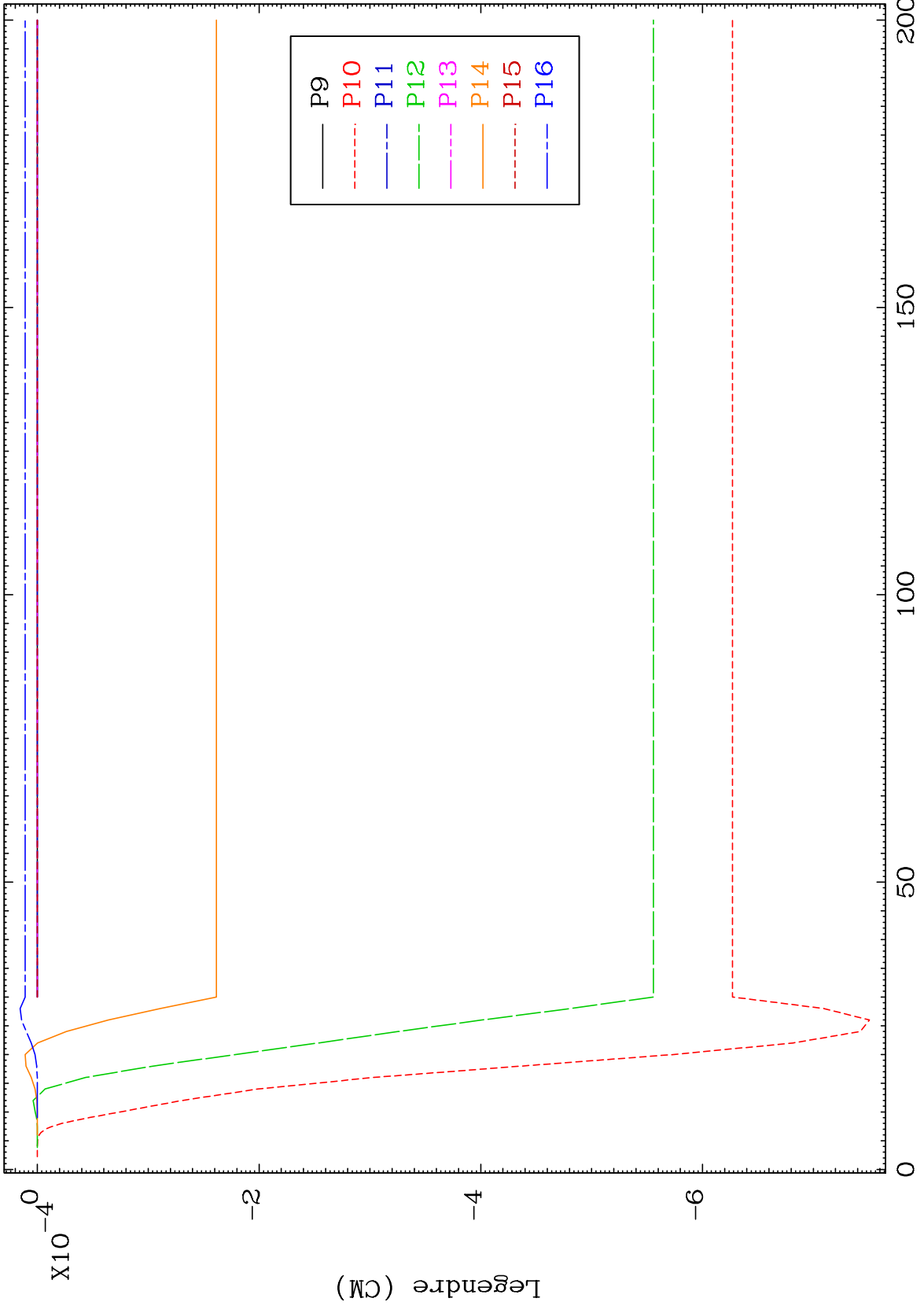


83

Incident Energy (MeV)

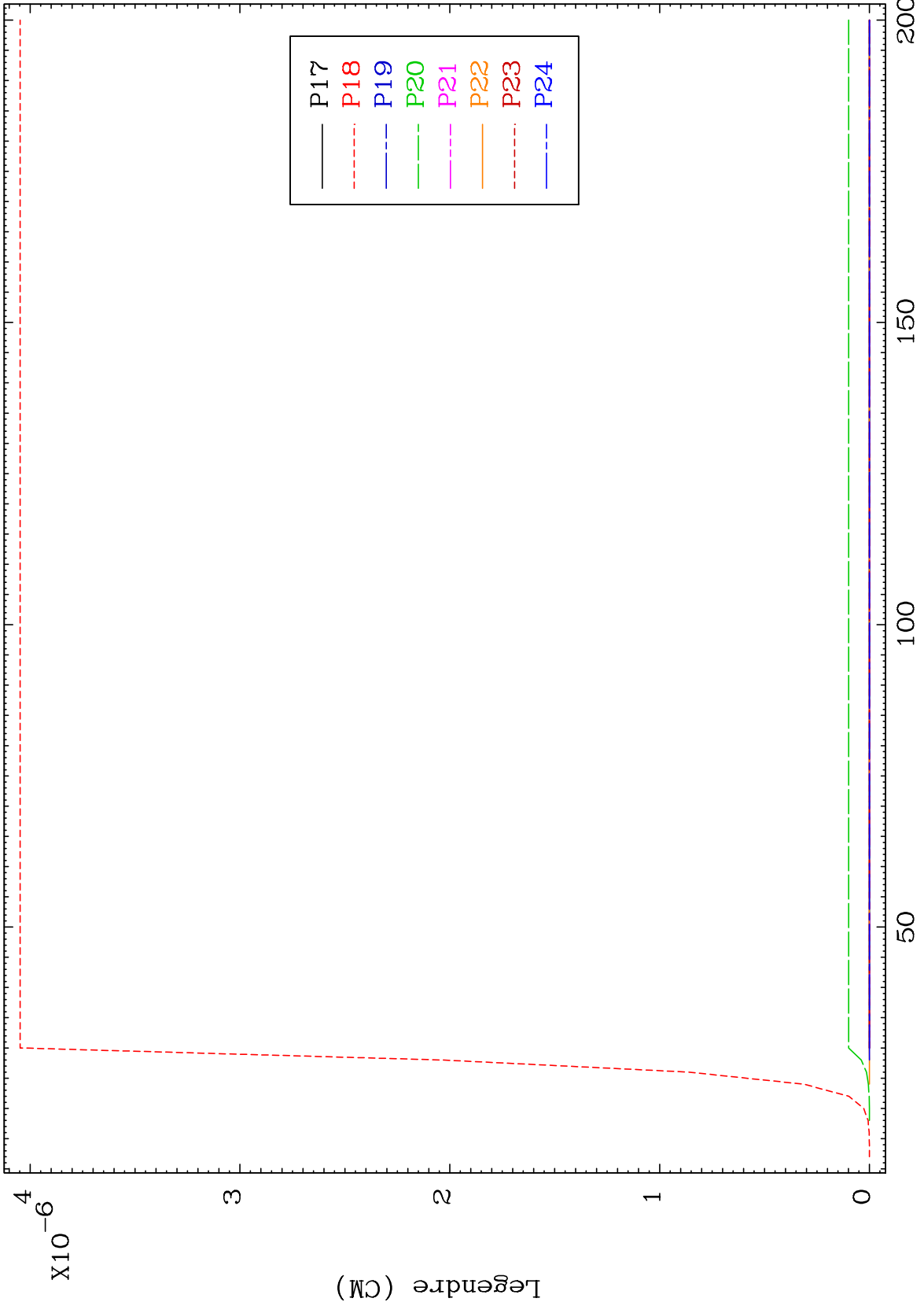
55-Cs-122

MAT 5492 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-122



84 55-Cs-122

MAT 5492 MT= 69 (n,n') Level Legendre Coefficients 55-Cs-122

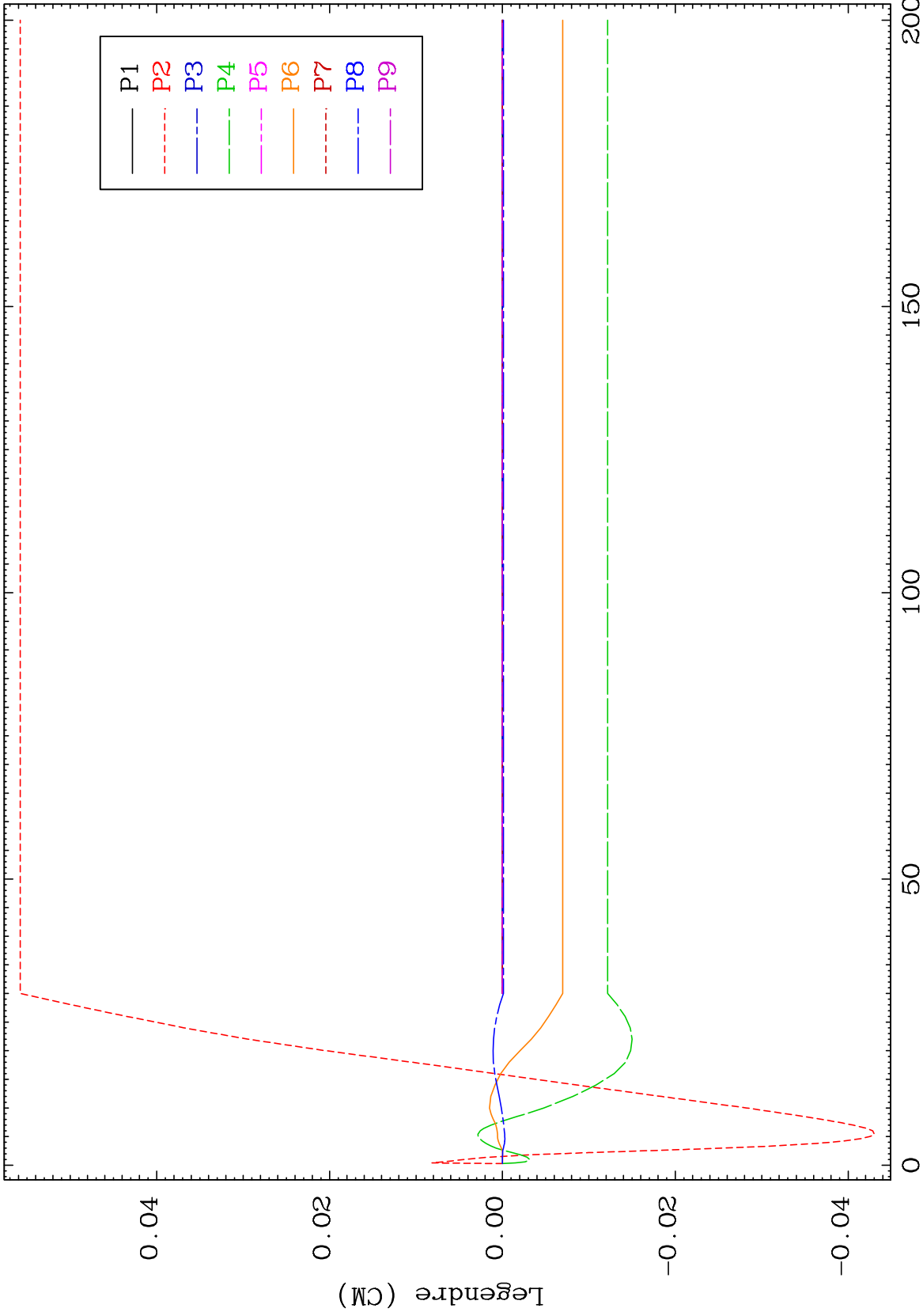


85 50 100 150 200 Incident Energy (MeV) 55-Cs-122

MAT 5492

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

55-Cs-122



86

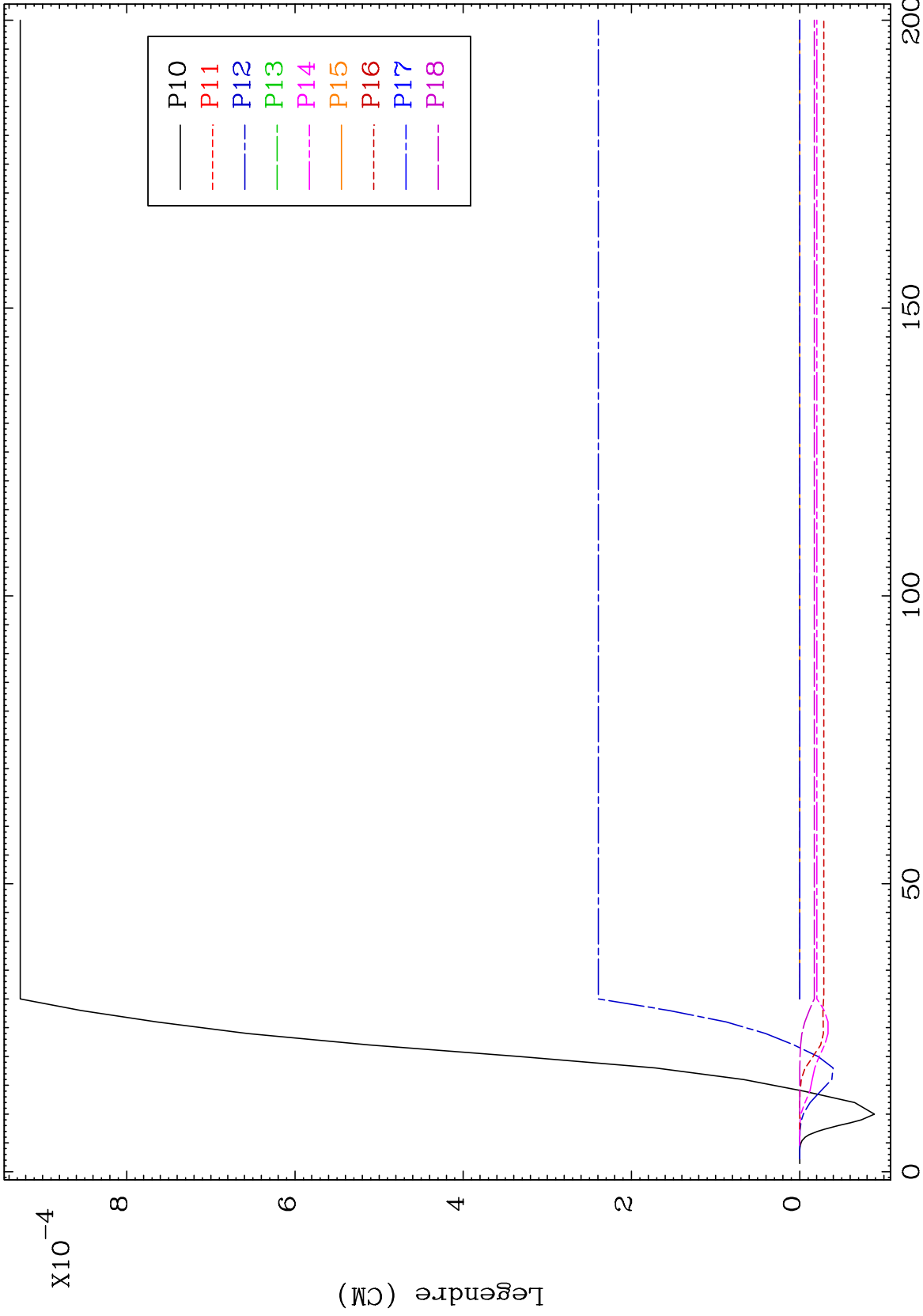
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



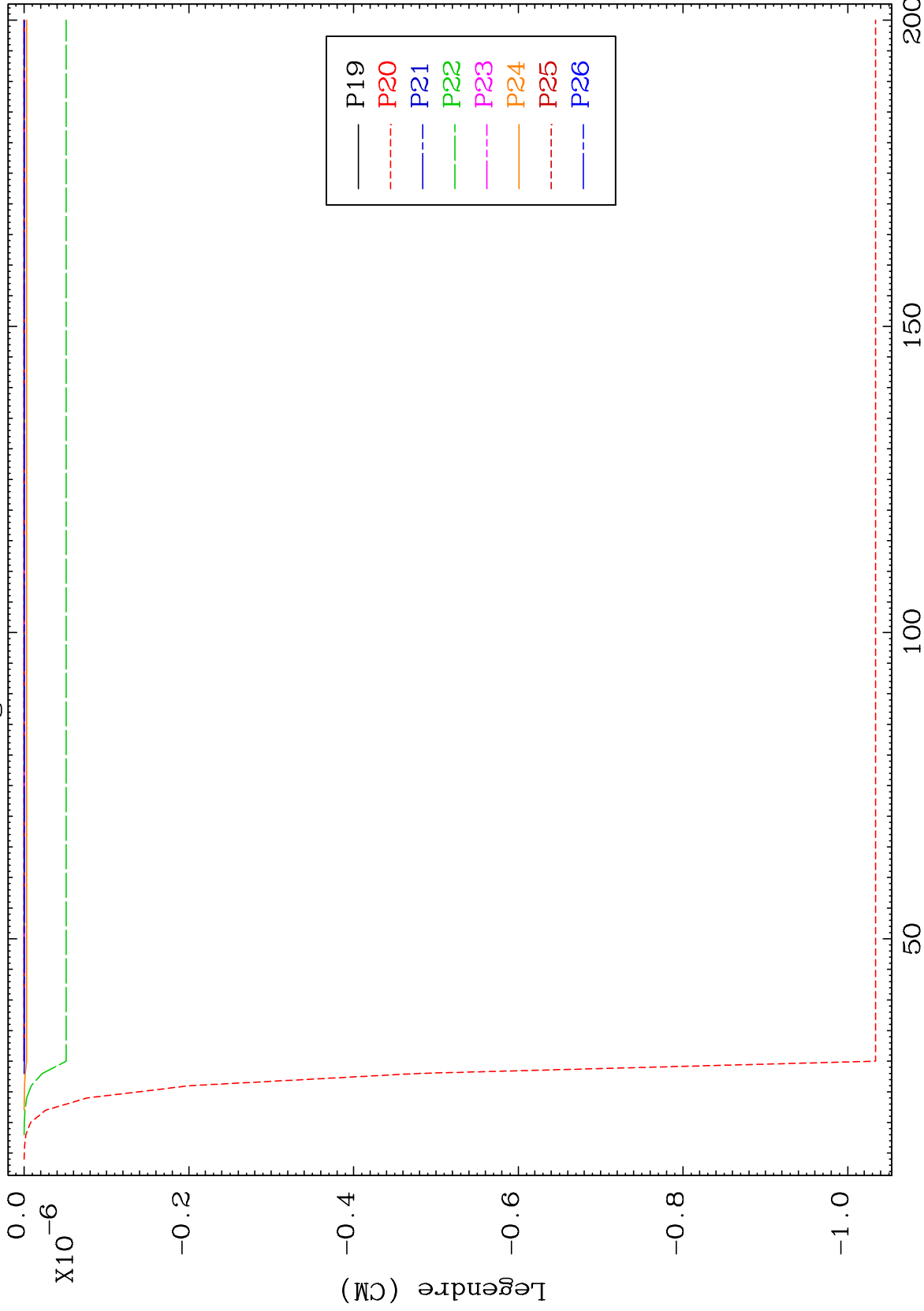
87

55-Cs-122

MAT 5492

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

55-Cs-122



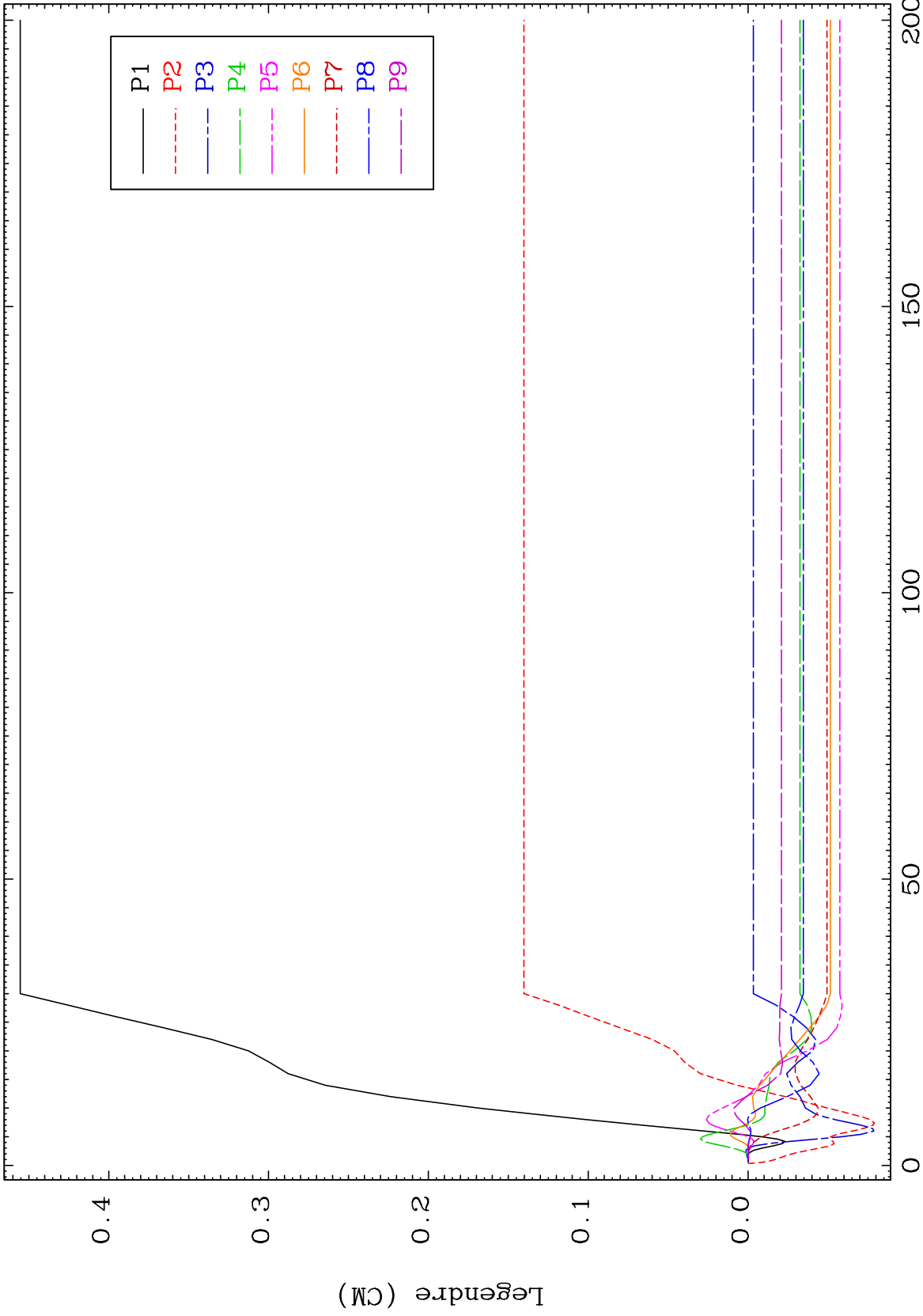
88

55-Cs-122

MAT 5492

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

55-Cs-122



89

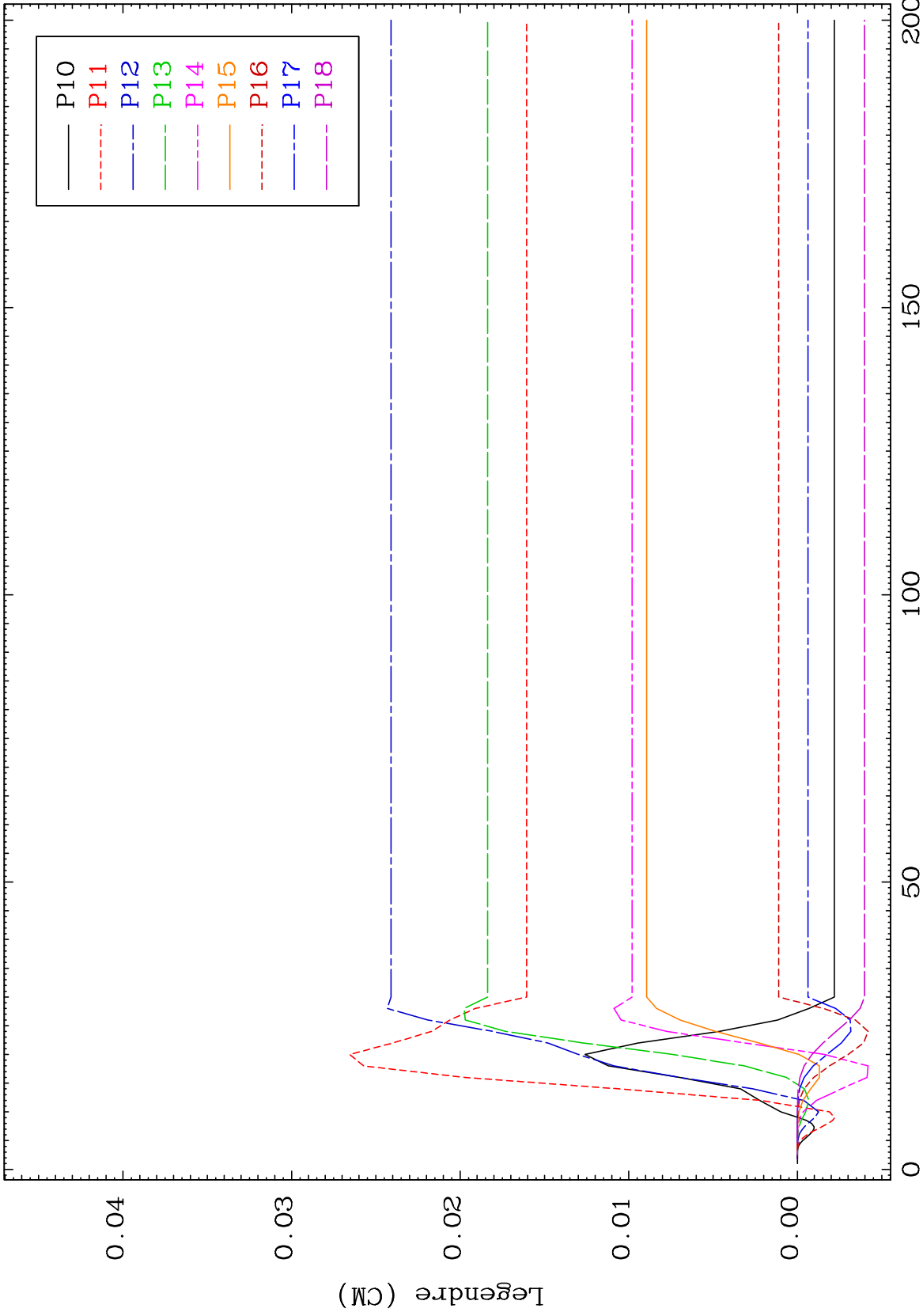
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



90

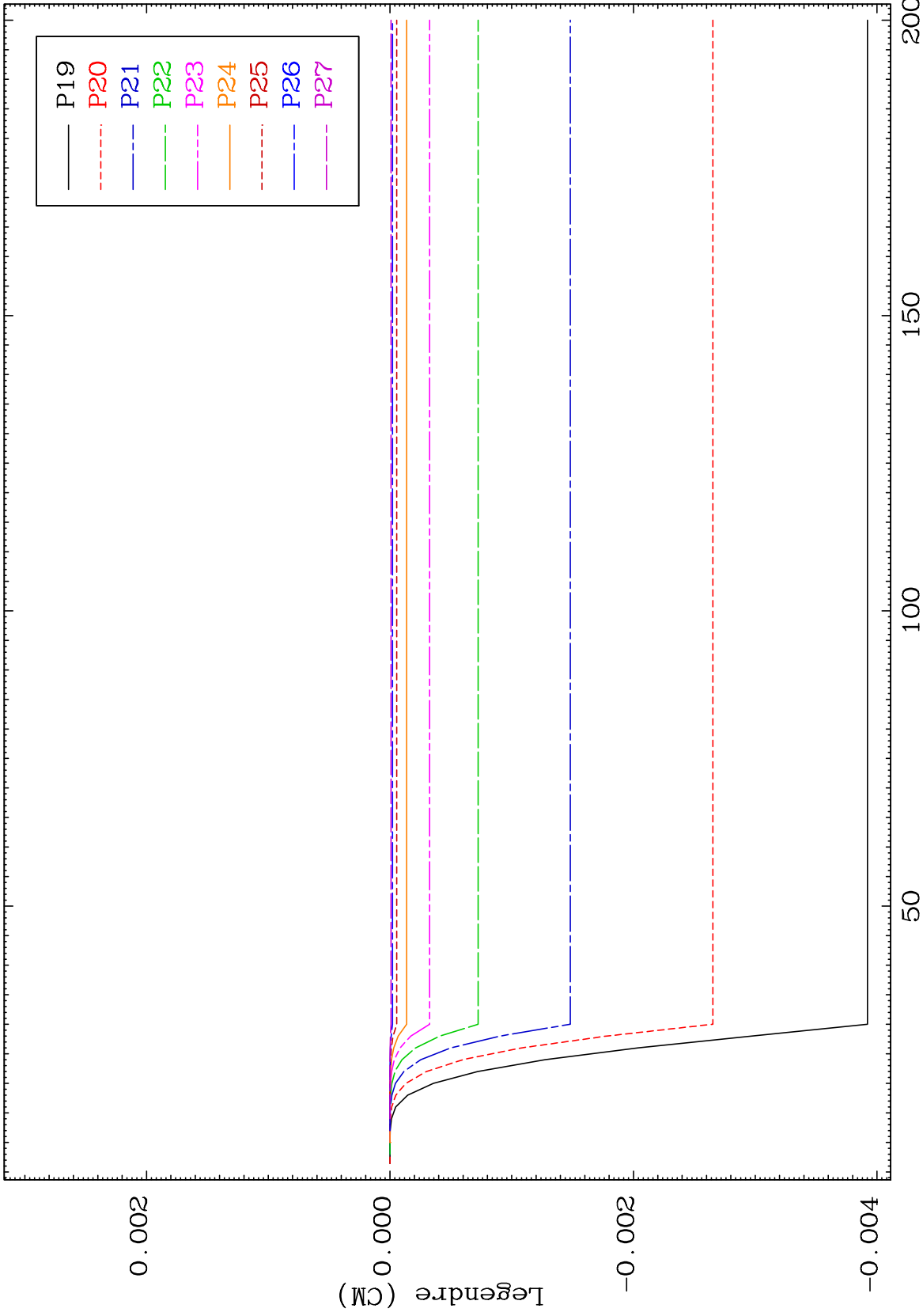
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



91

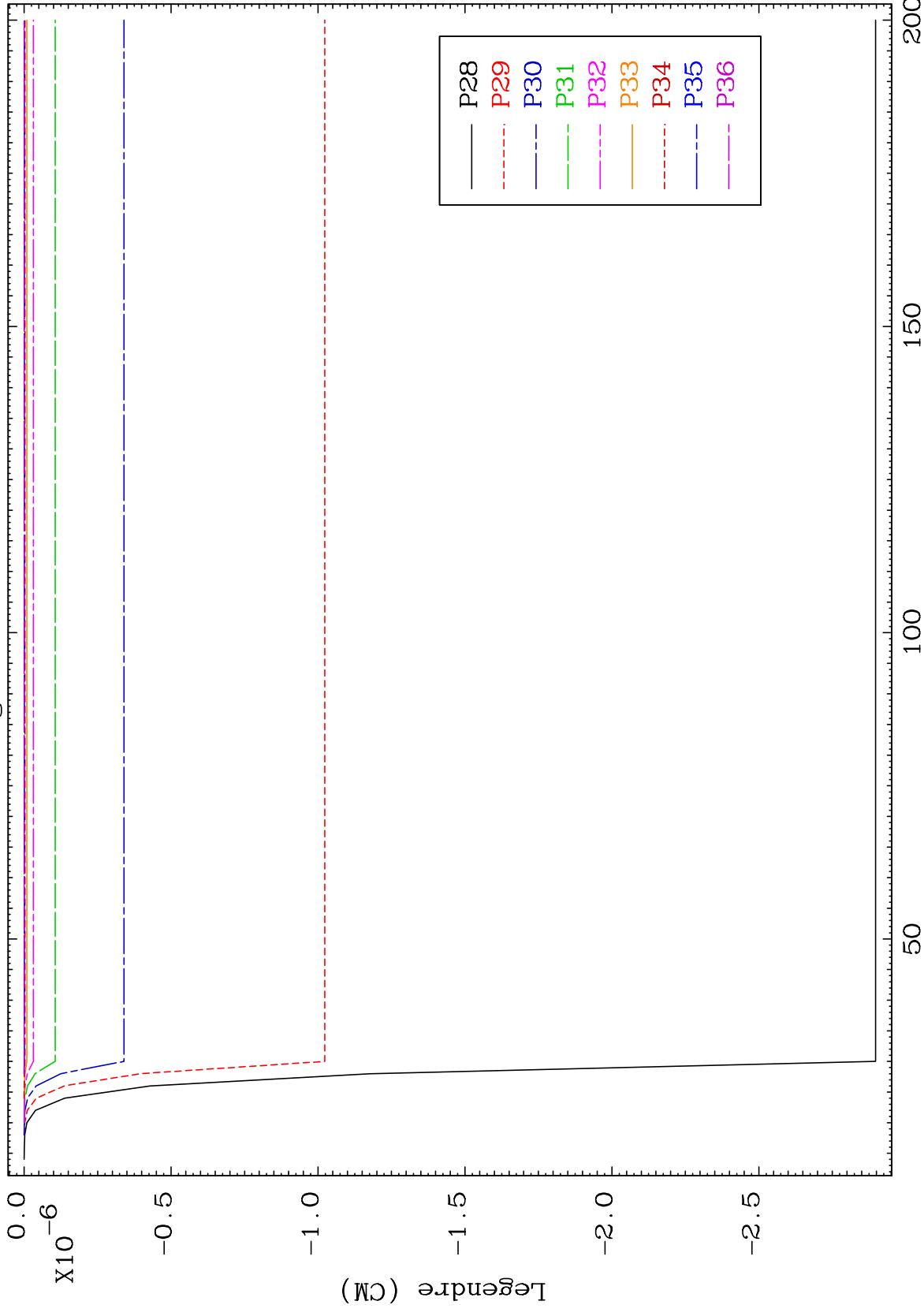
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122

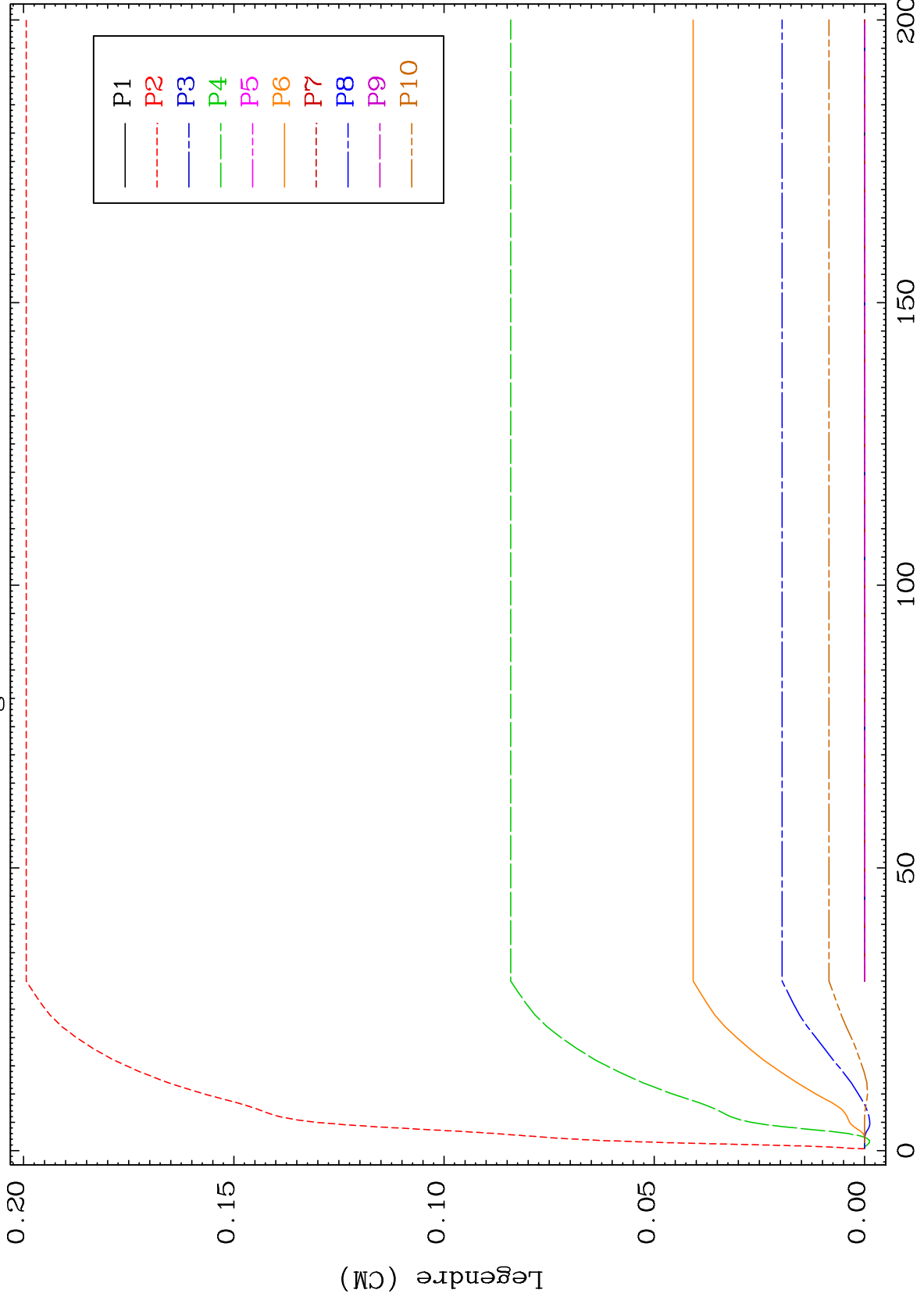


55-Cs-122

Incident Energy (MeV)

92

MAT 5492 MT= 72 (n,n') Level Legendre Coefficients 55-Cs-122

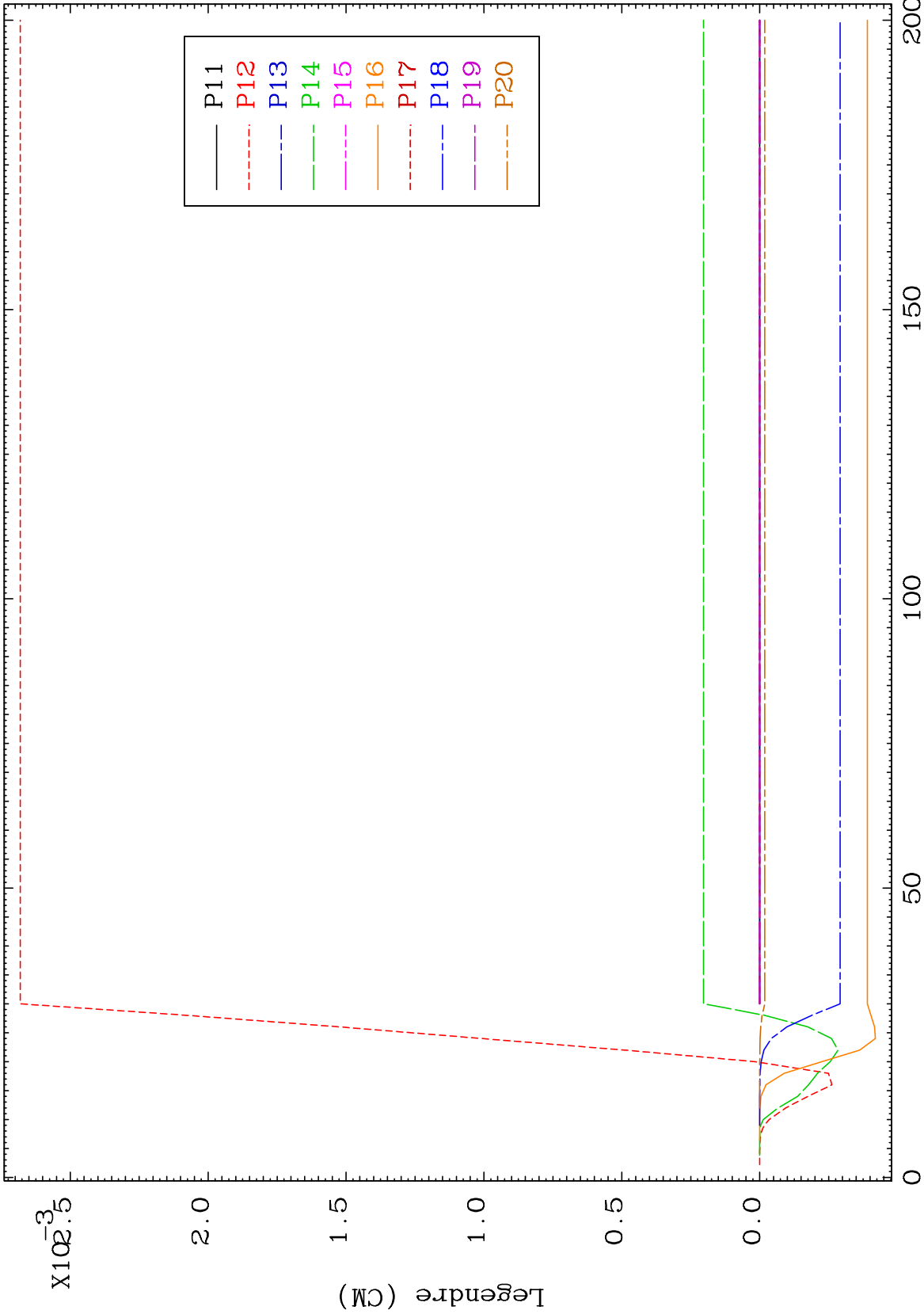


93 55-Cs-122

MAT 5492

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

55-Cs-122



94

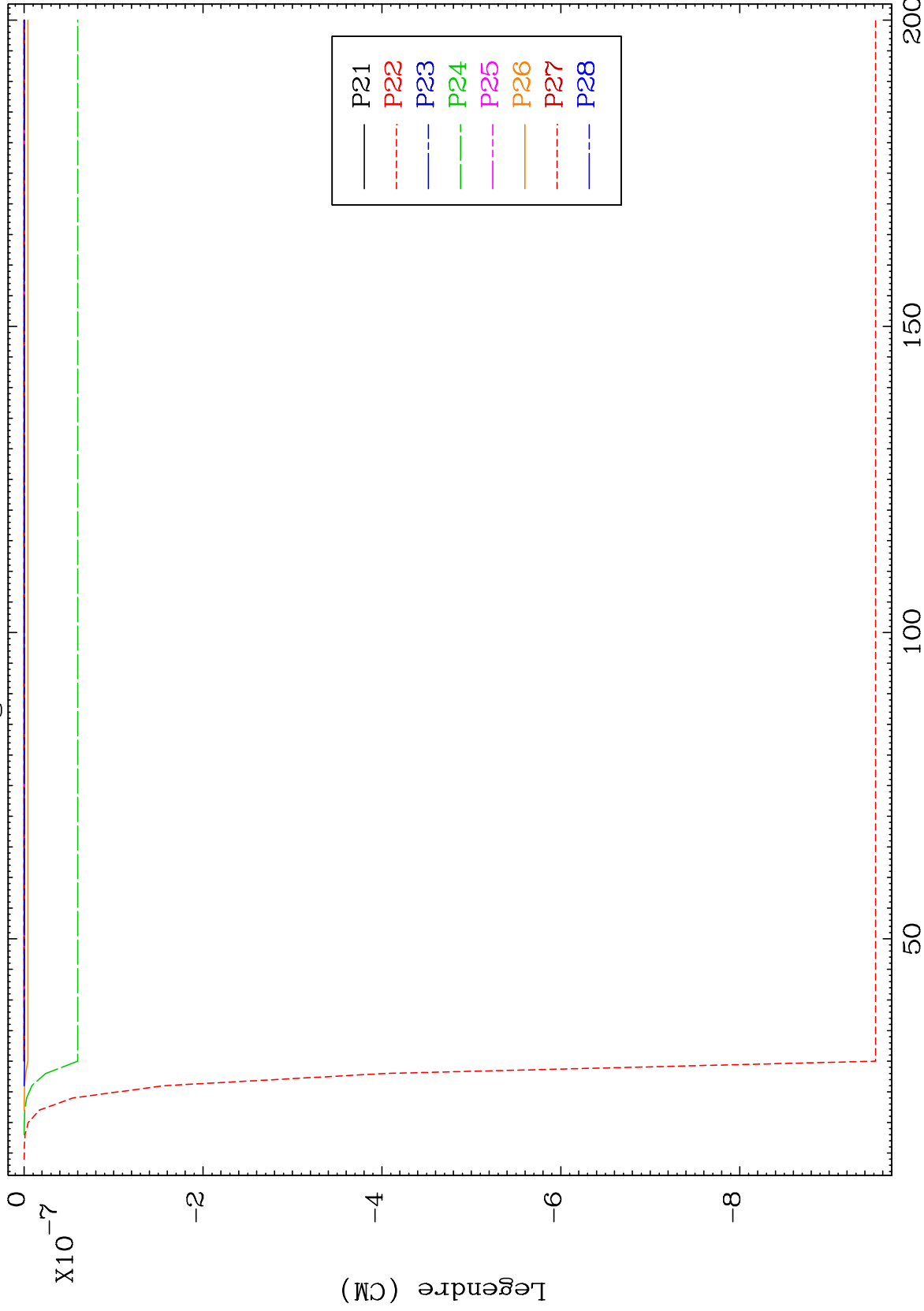
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



95

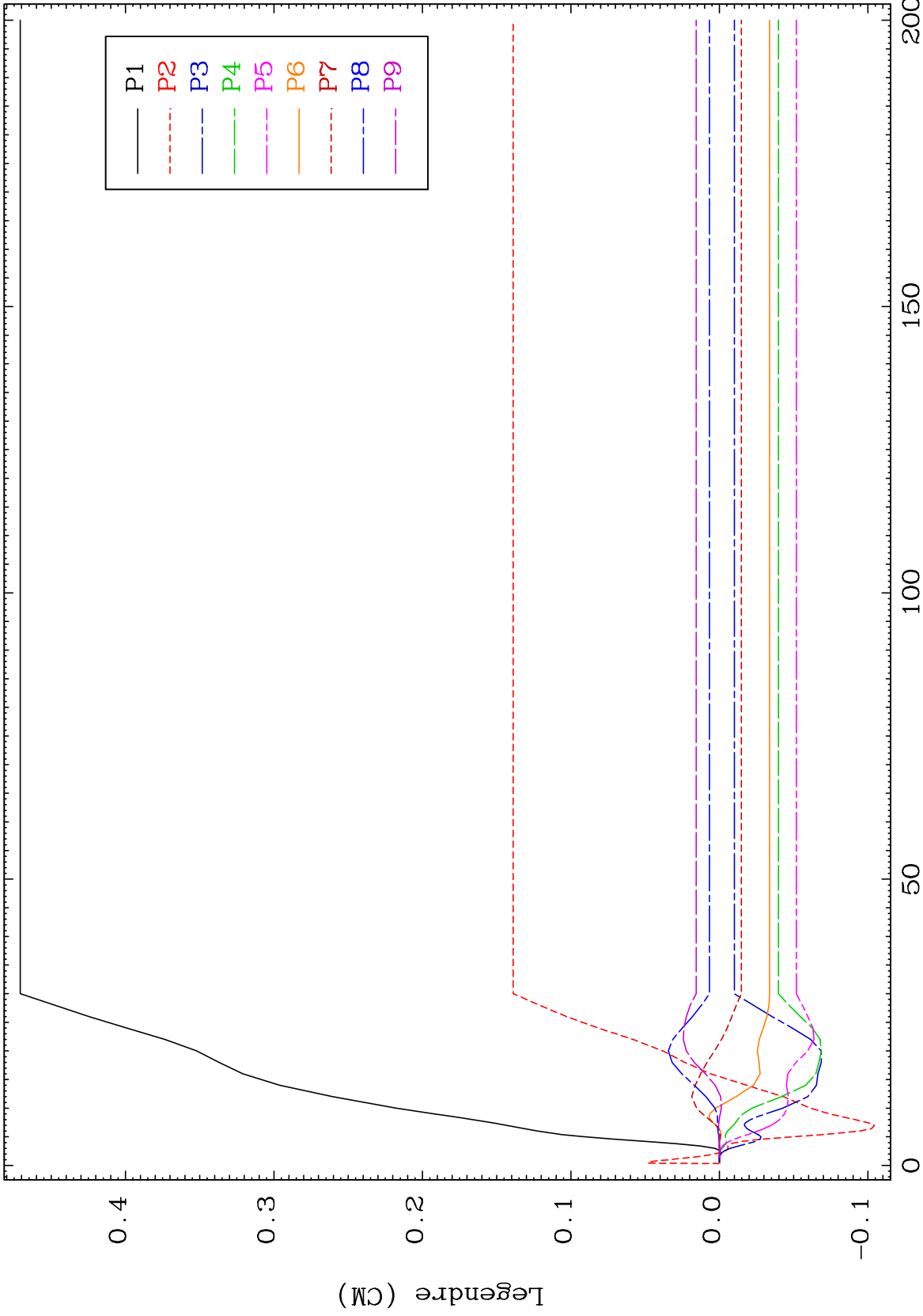
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

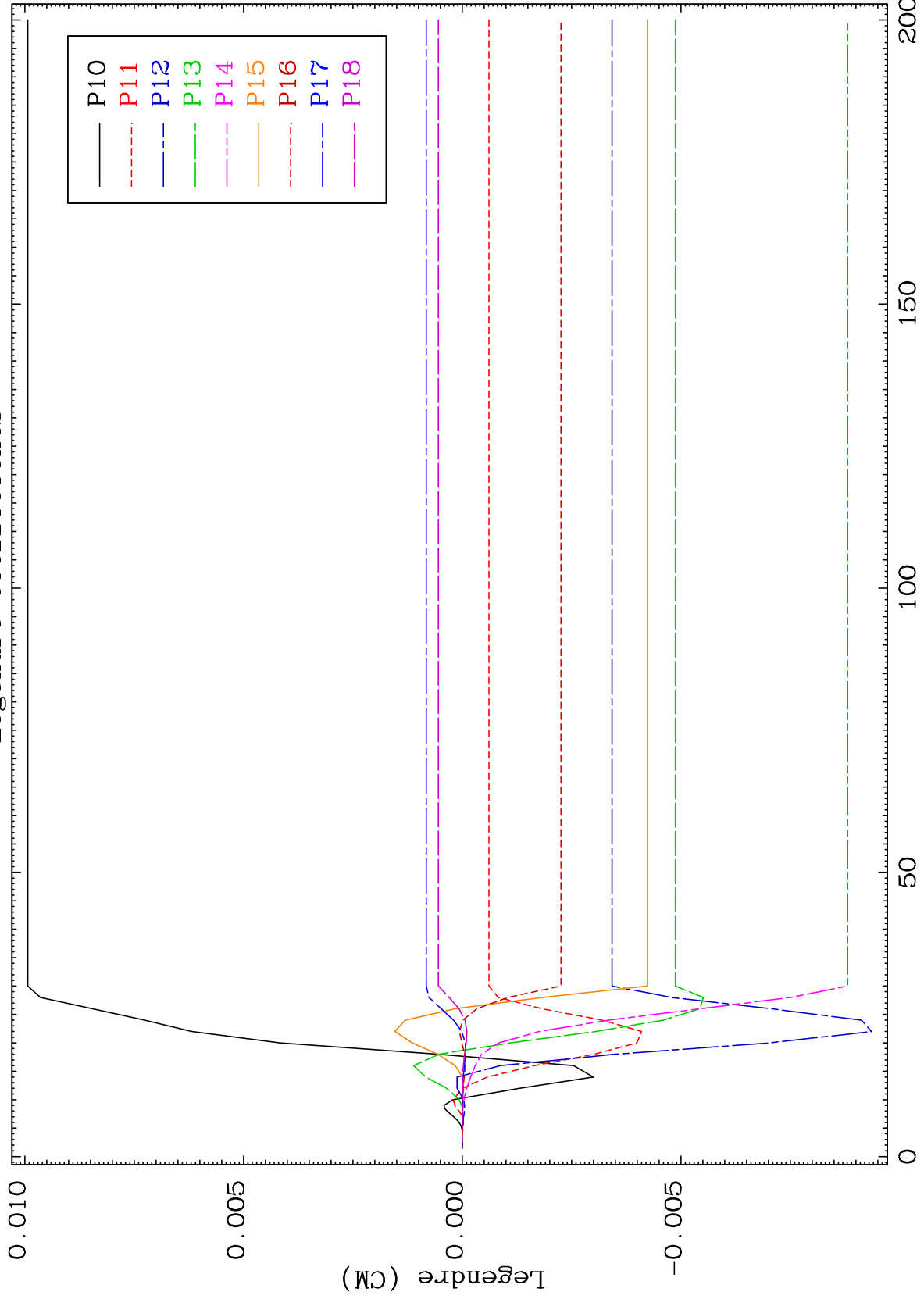
55-Cs-122



MAT 5492

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

55-Cs-122



97

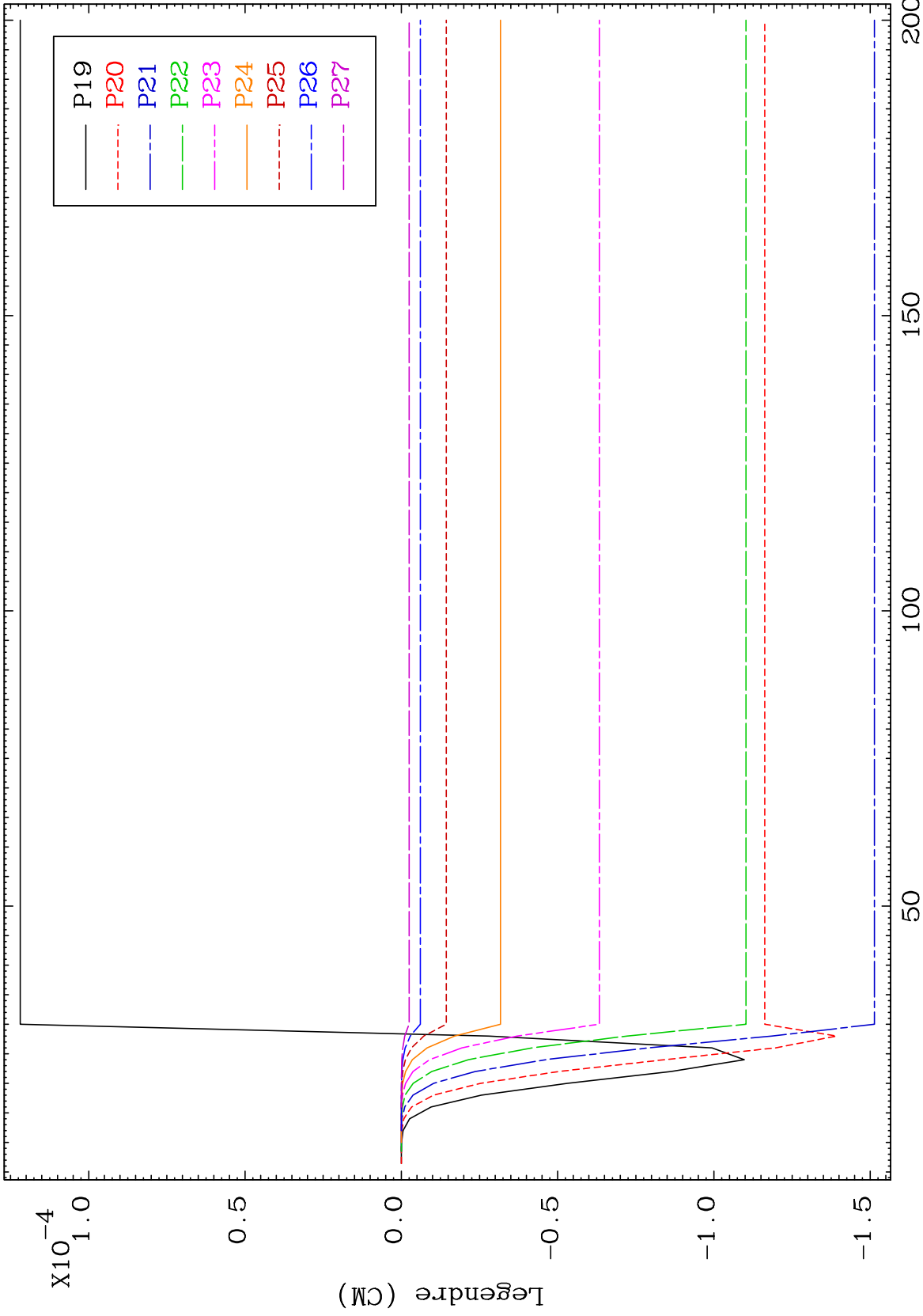
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



98

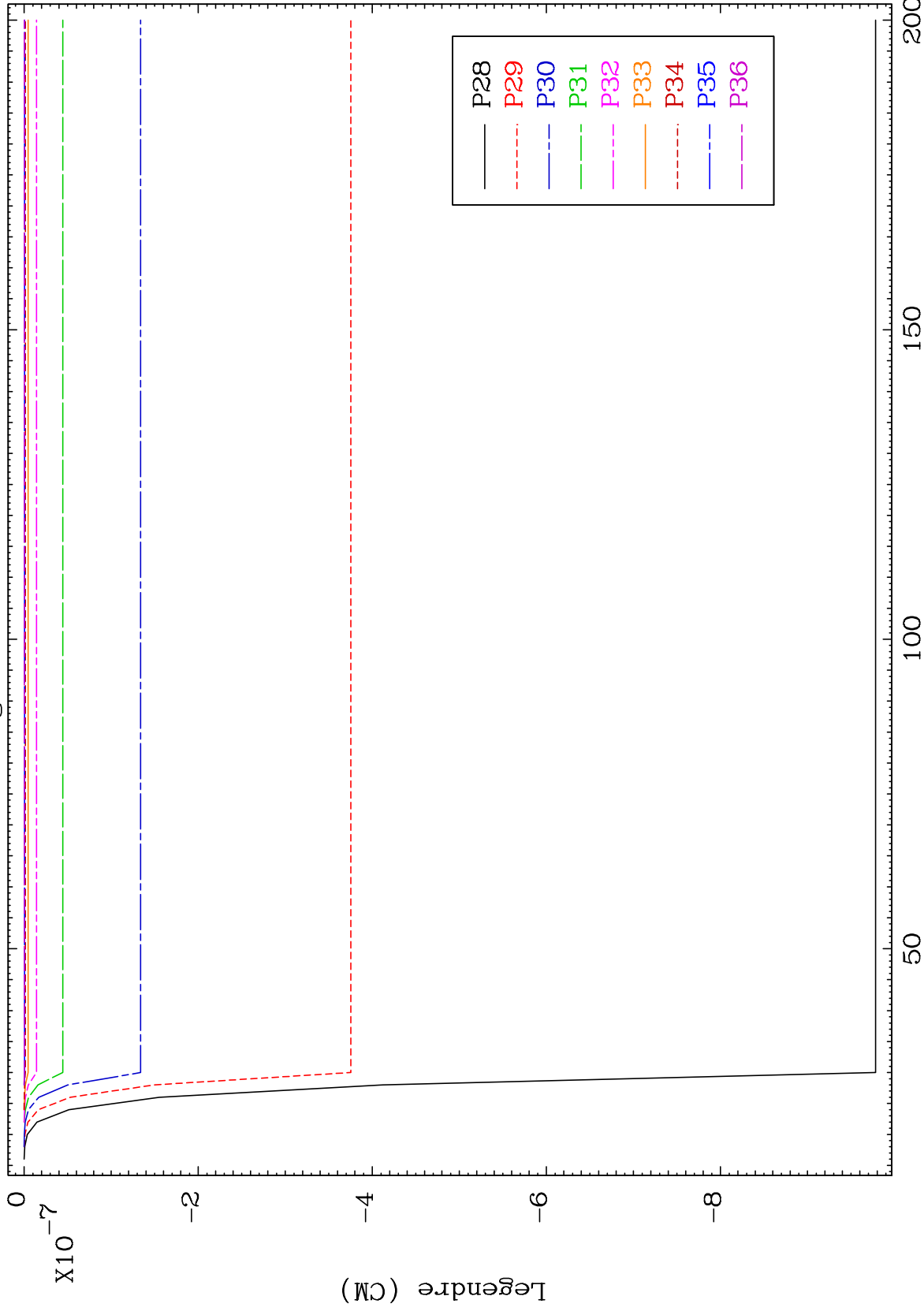
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



99

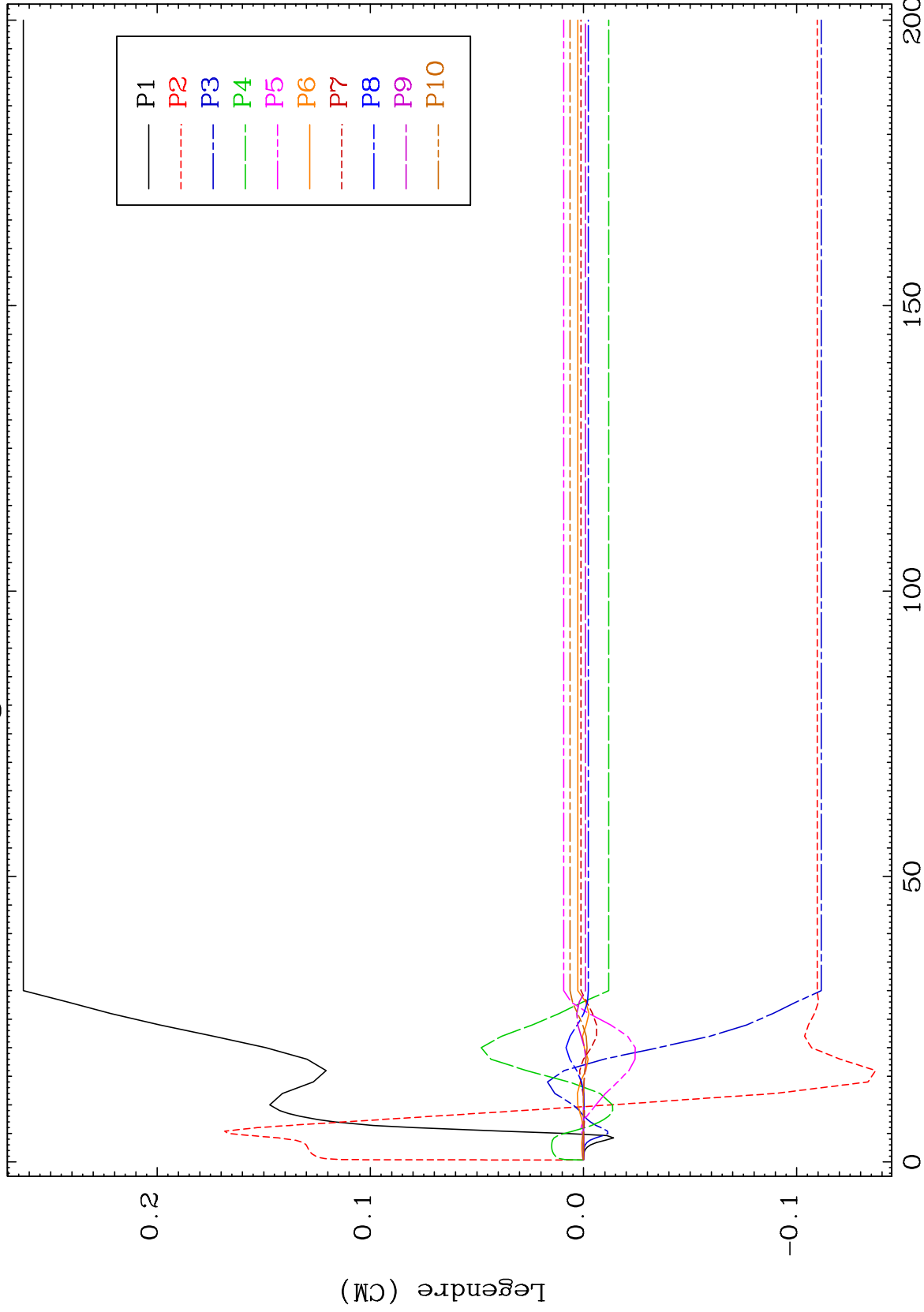
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

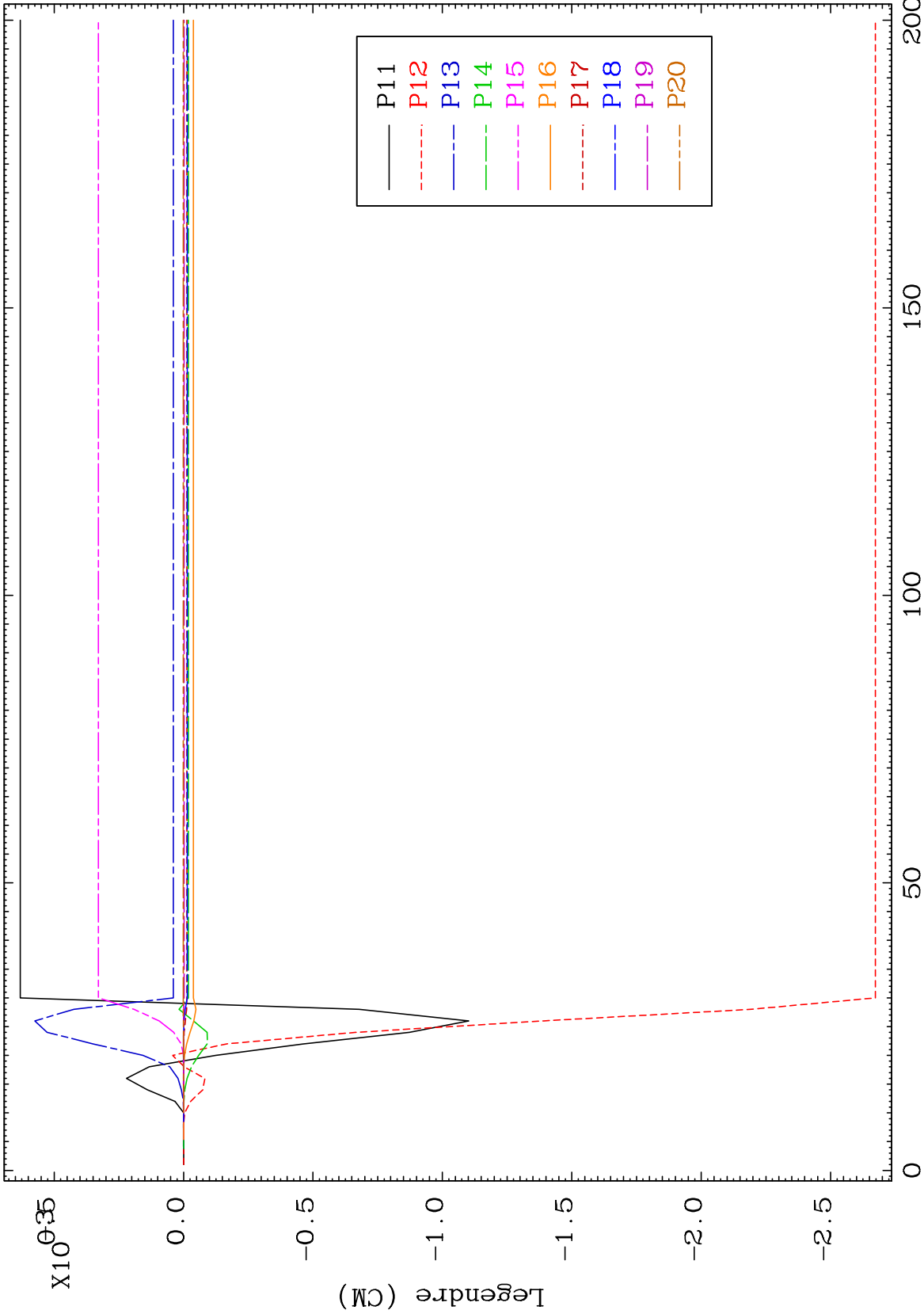
55-Cs-122



MAT 5492

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

55-Cs-122



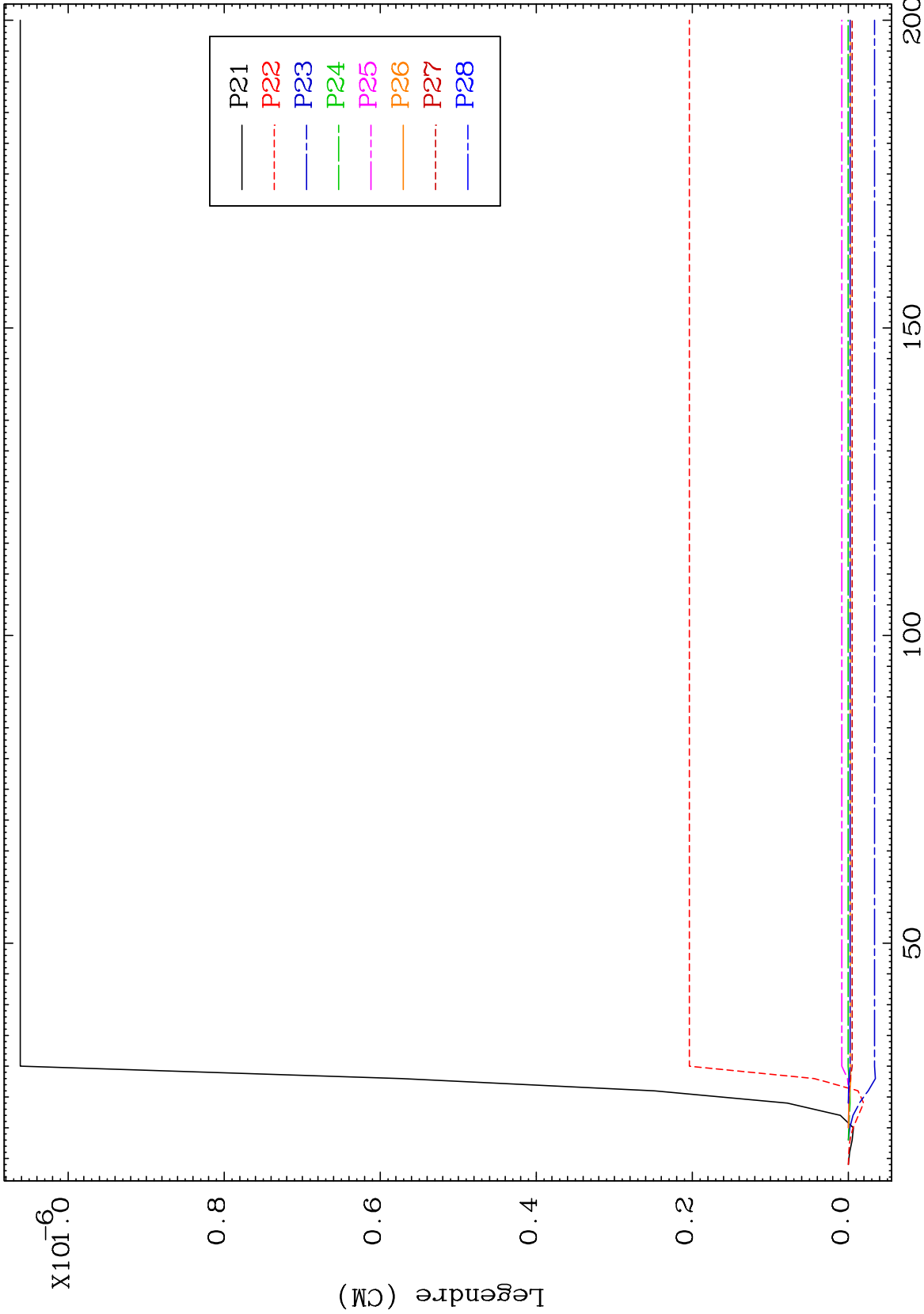
101

55-Cs-122

MAT 5492

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

55-Cs-122



102

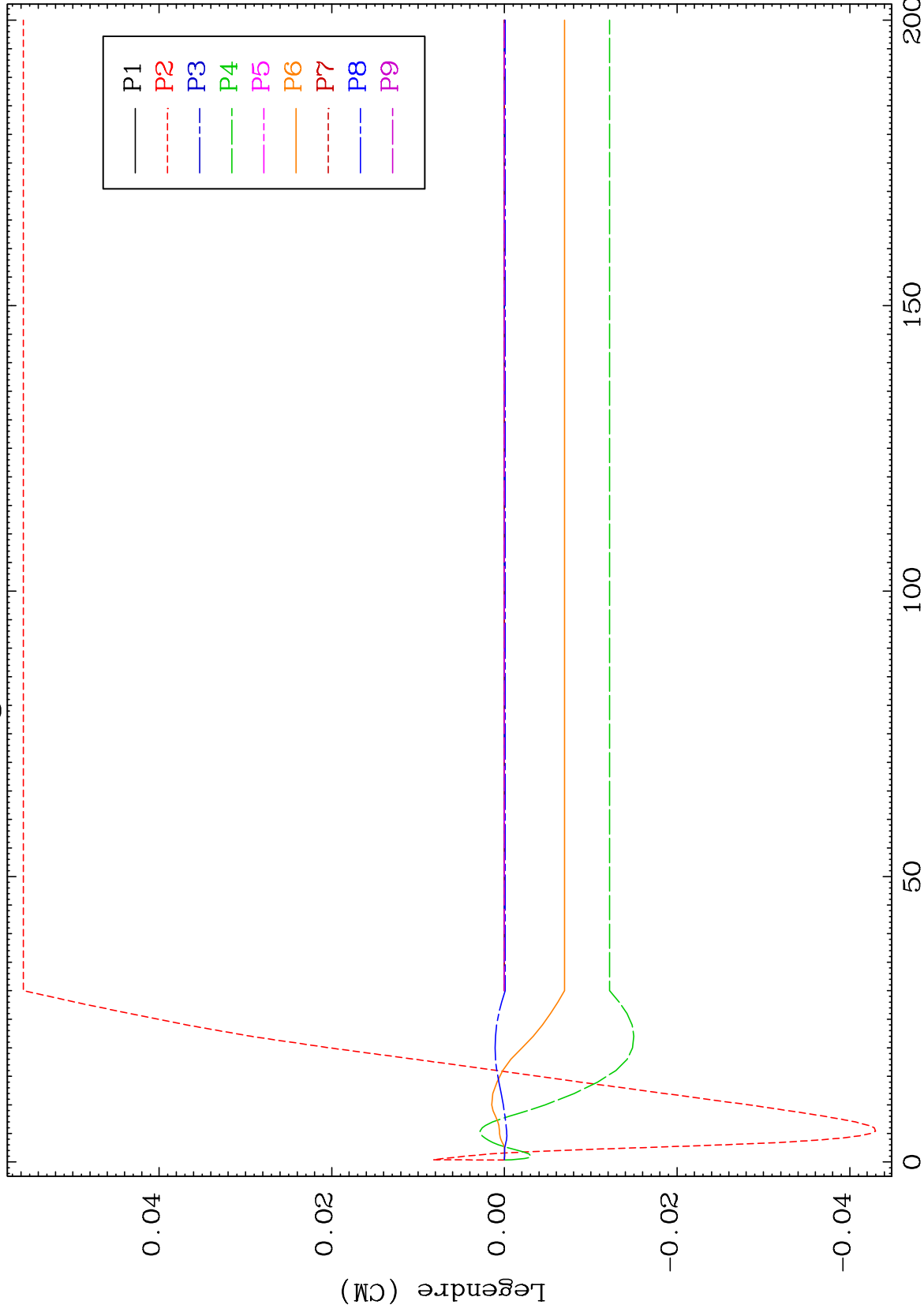
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



55-Cs-122

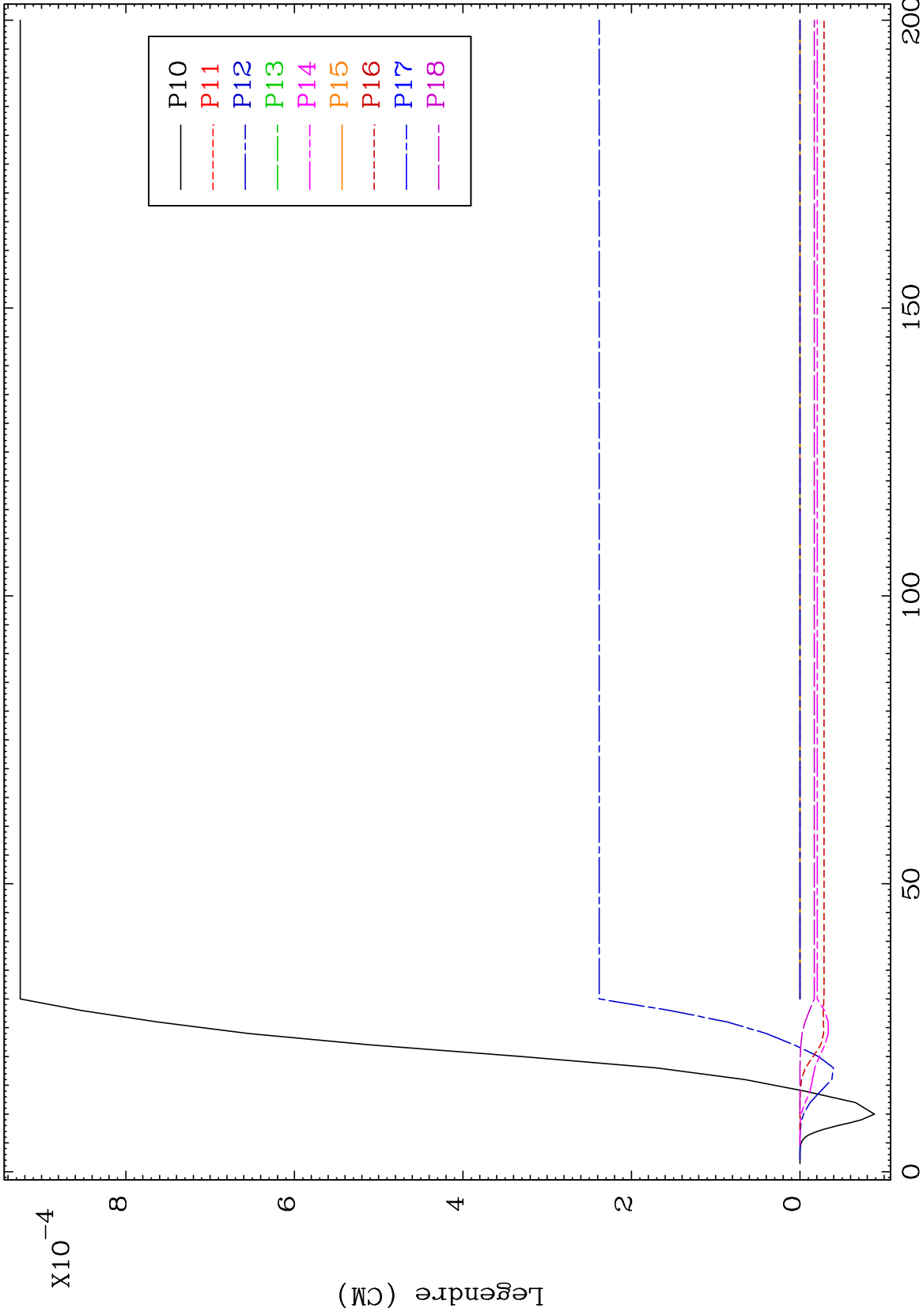
Incident Energy (MeV)

103

MAT 5492

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

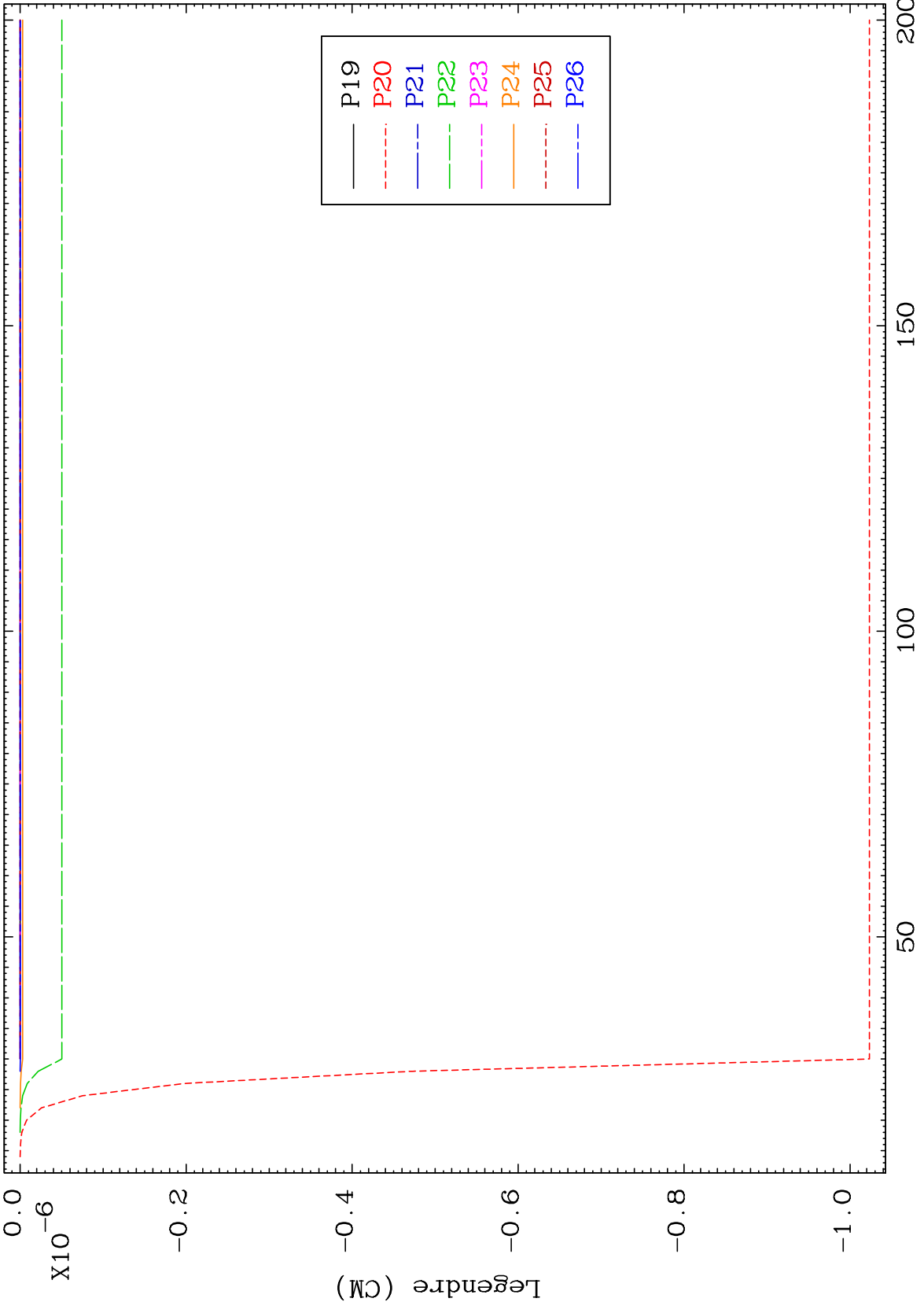
55-Cs-122



104

55-Cs-122

MAT 5492 MT= 75 (n,n') Level Legendre Coefficients 55-Cs-122

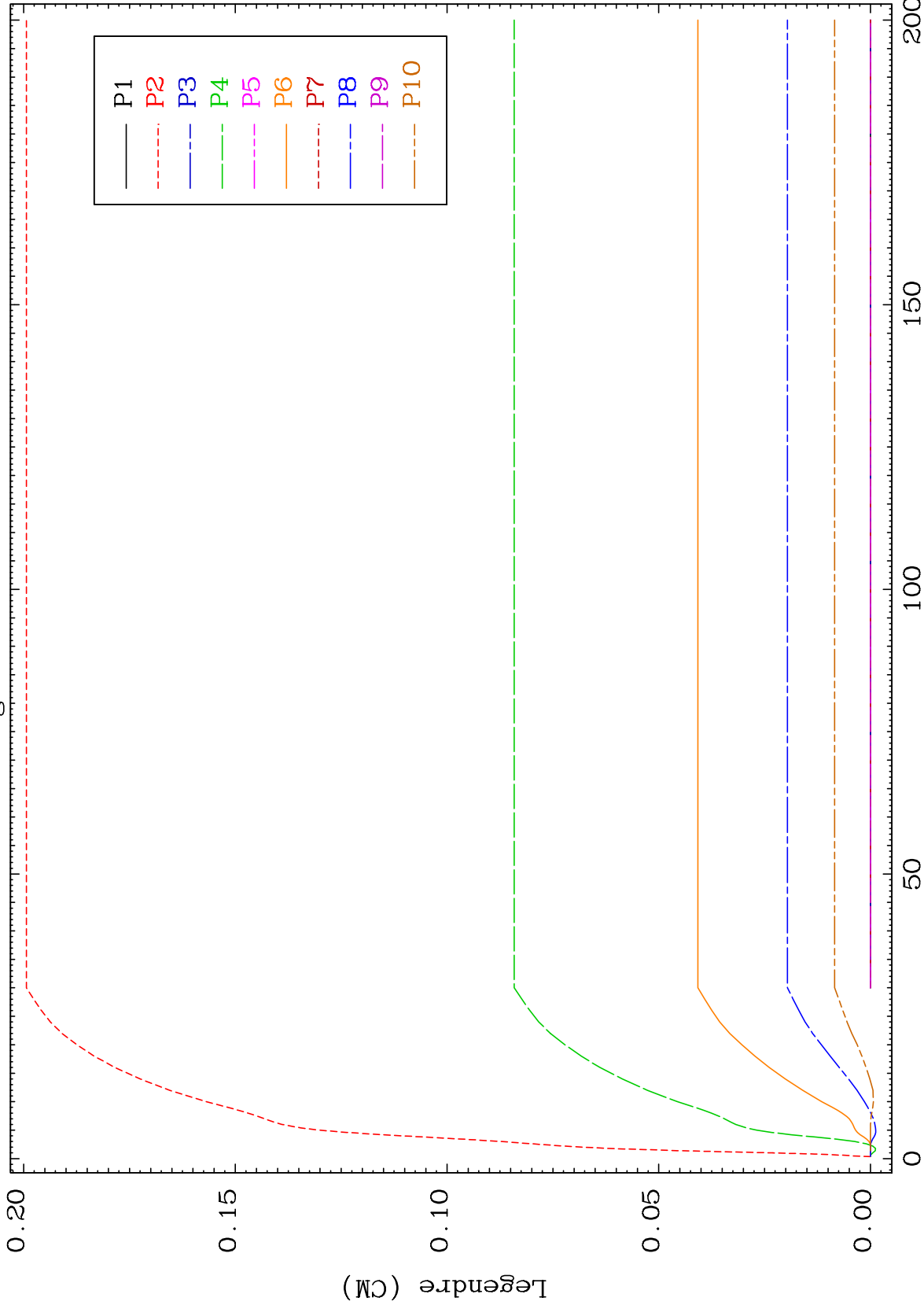


105 Incident Energy (MeV) 55-Cs-122

MAT 5492

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

55-Cs-122



106

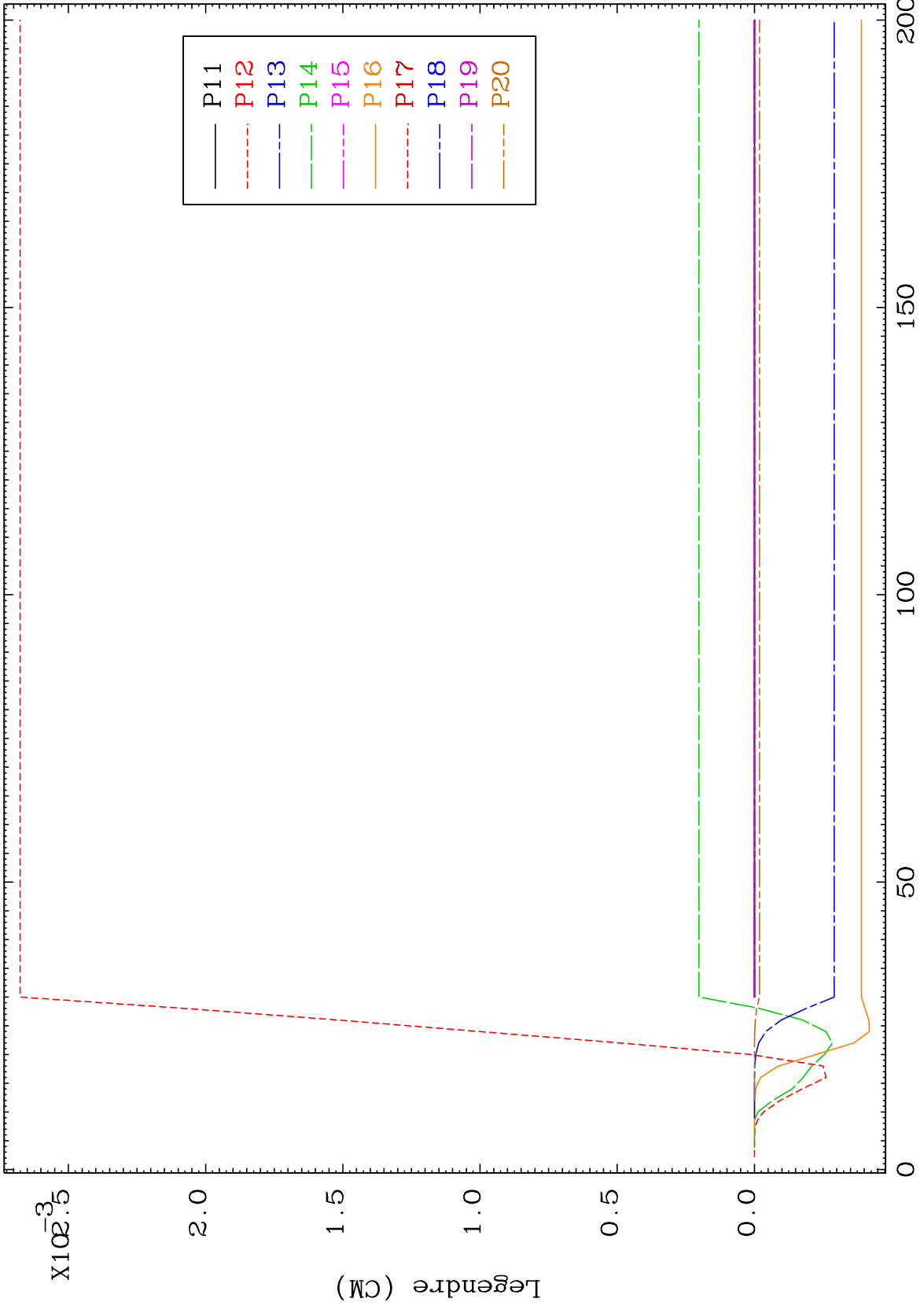
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



107

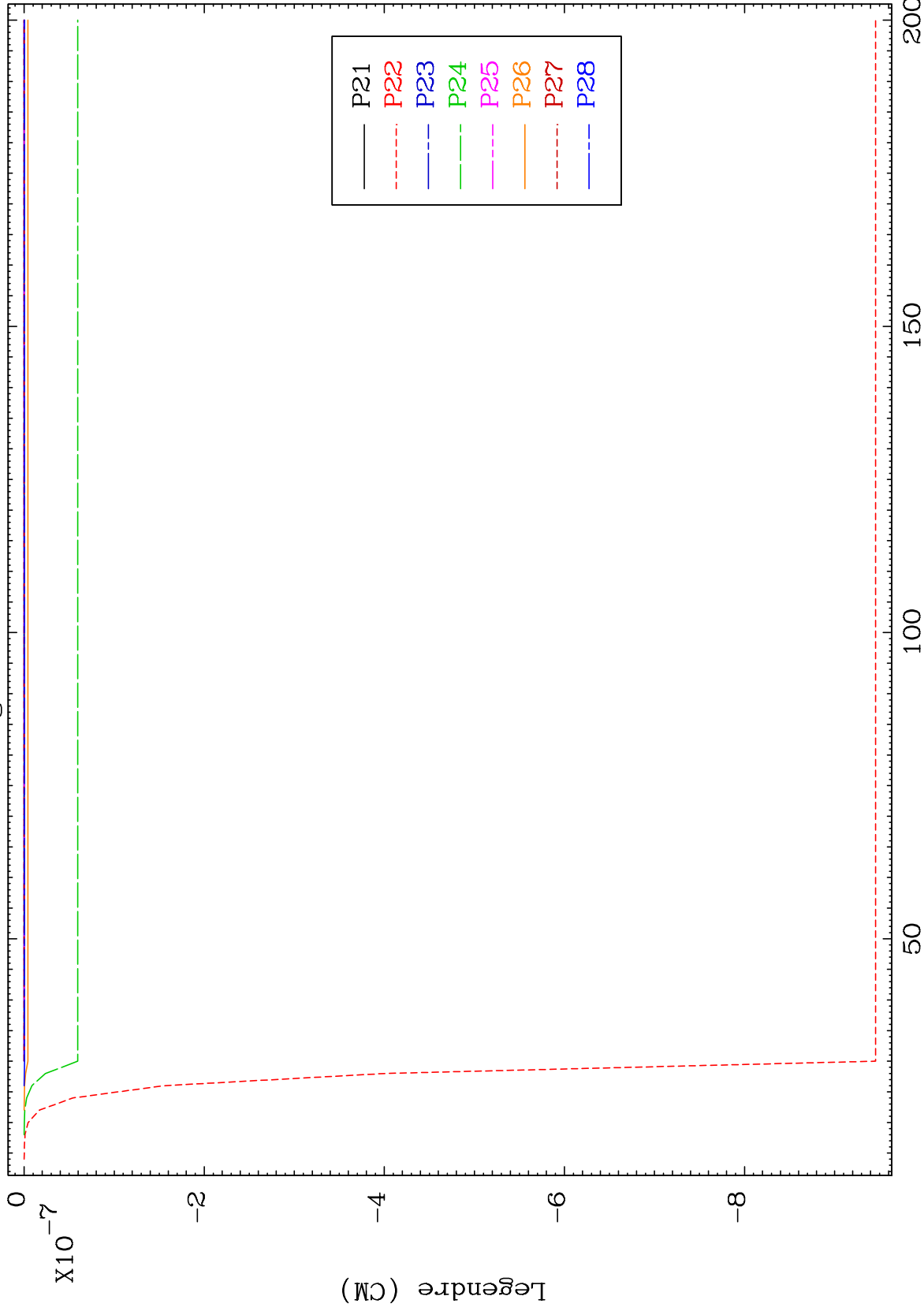
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



108

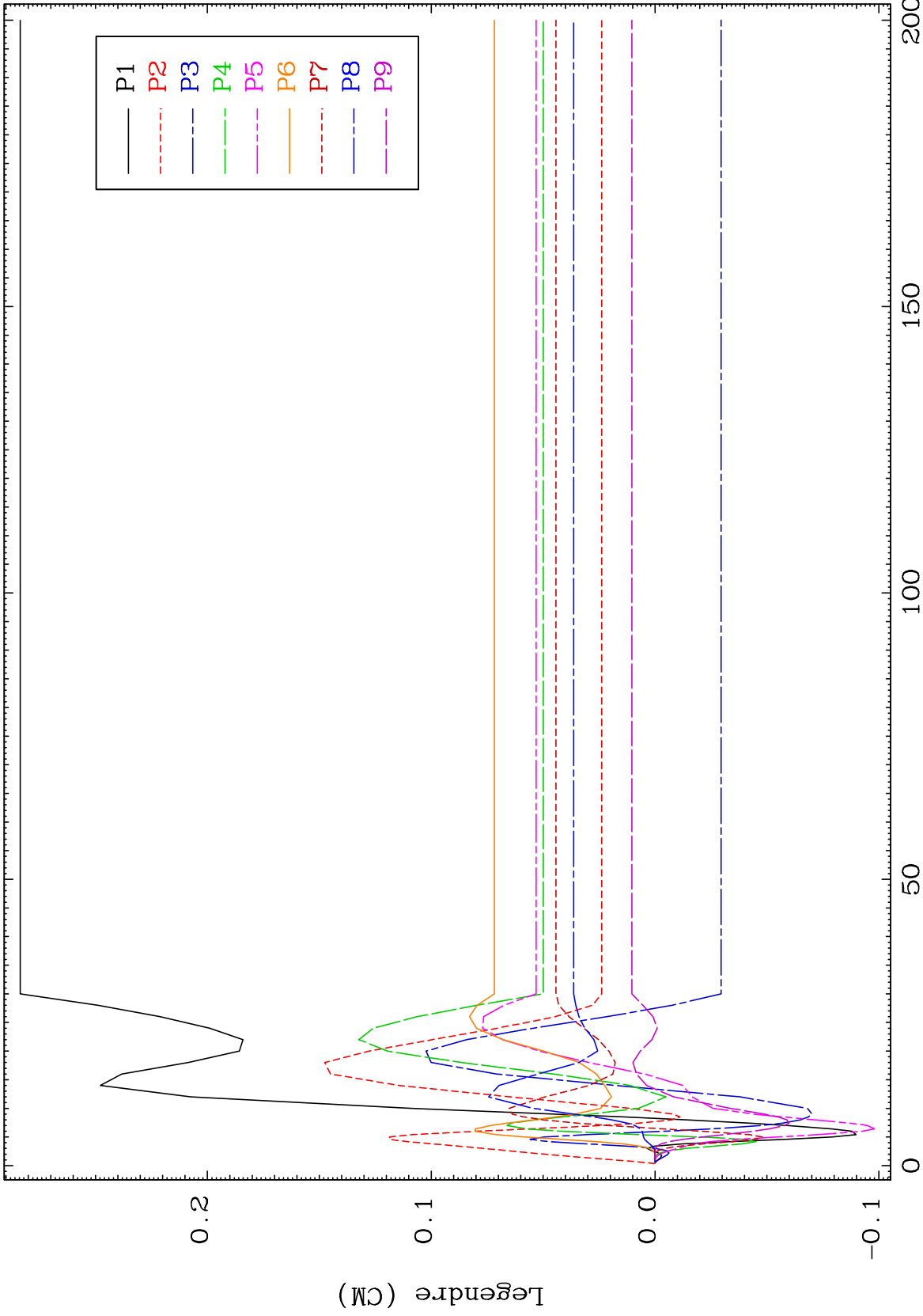
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122



109

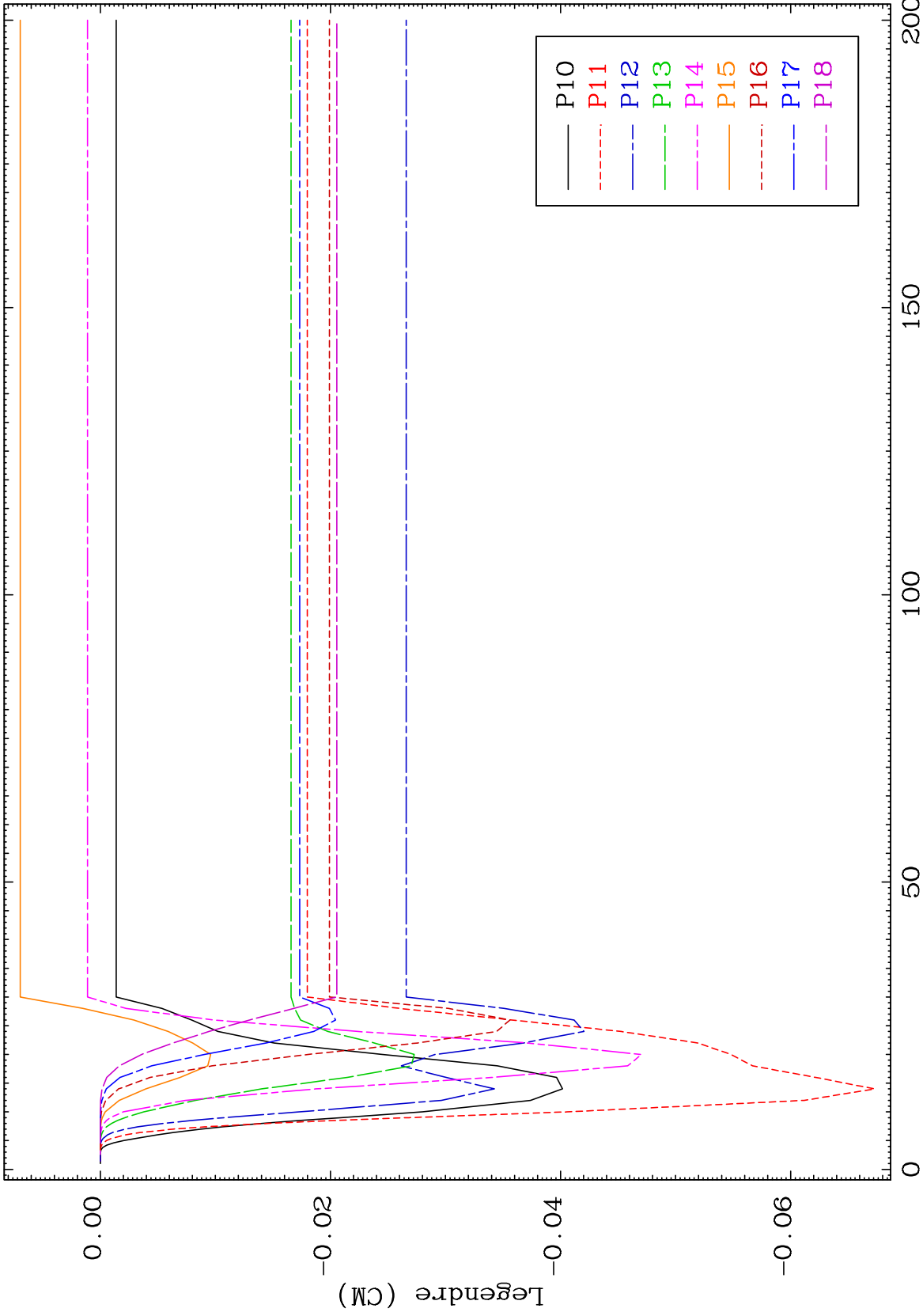
Incident Energy (MeV)

55-Cs-122

MAT 5492

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

55-Cs-122

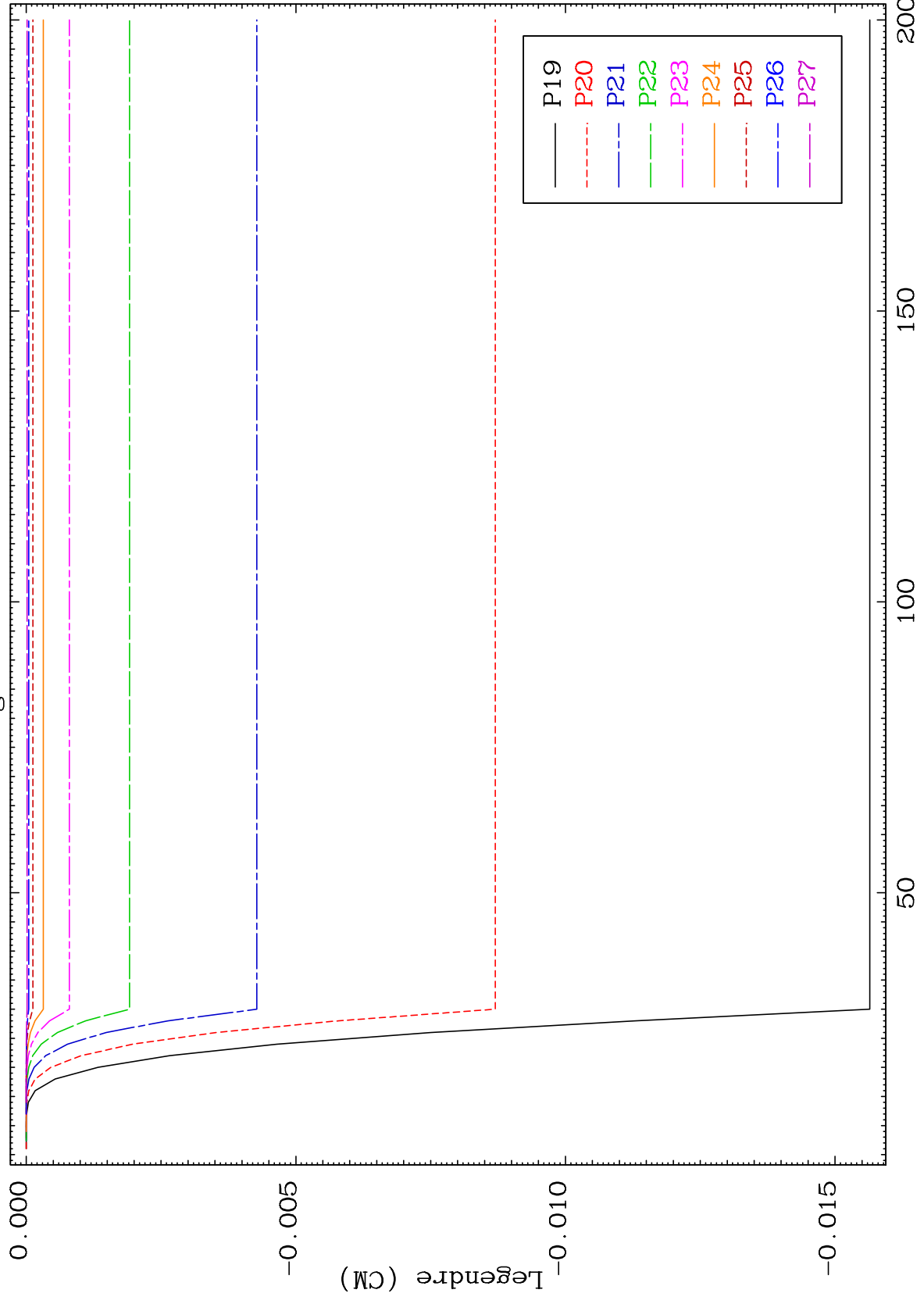


55-Cs-122

Incident Energy (MeV)

110

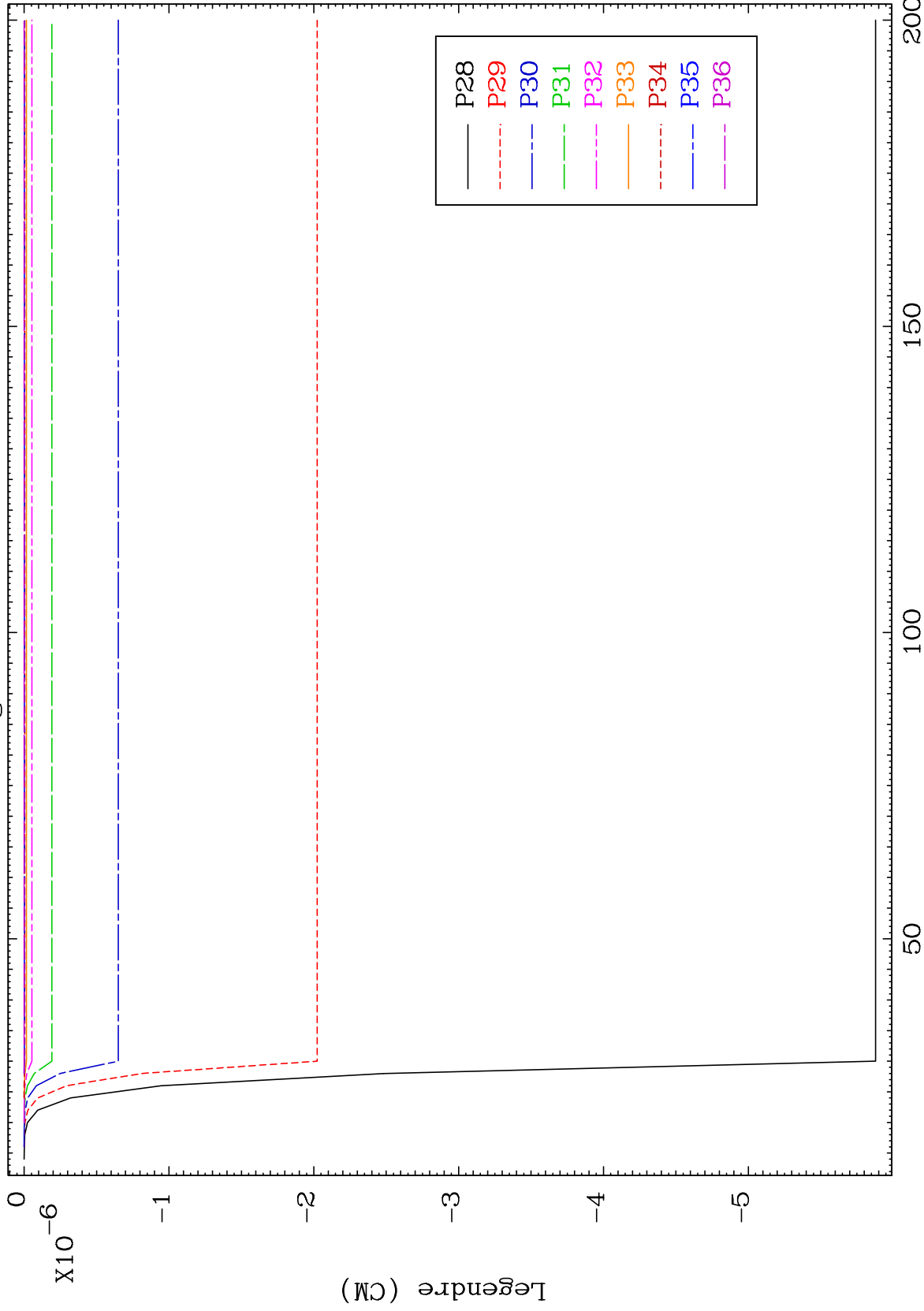
MAT 5492 MT= 77 (n,n') Level Legendre Coefficients 55-Cs-122



MAT 5492

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

55-Cs-122

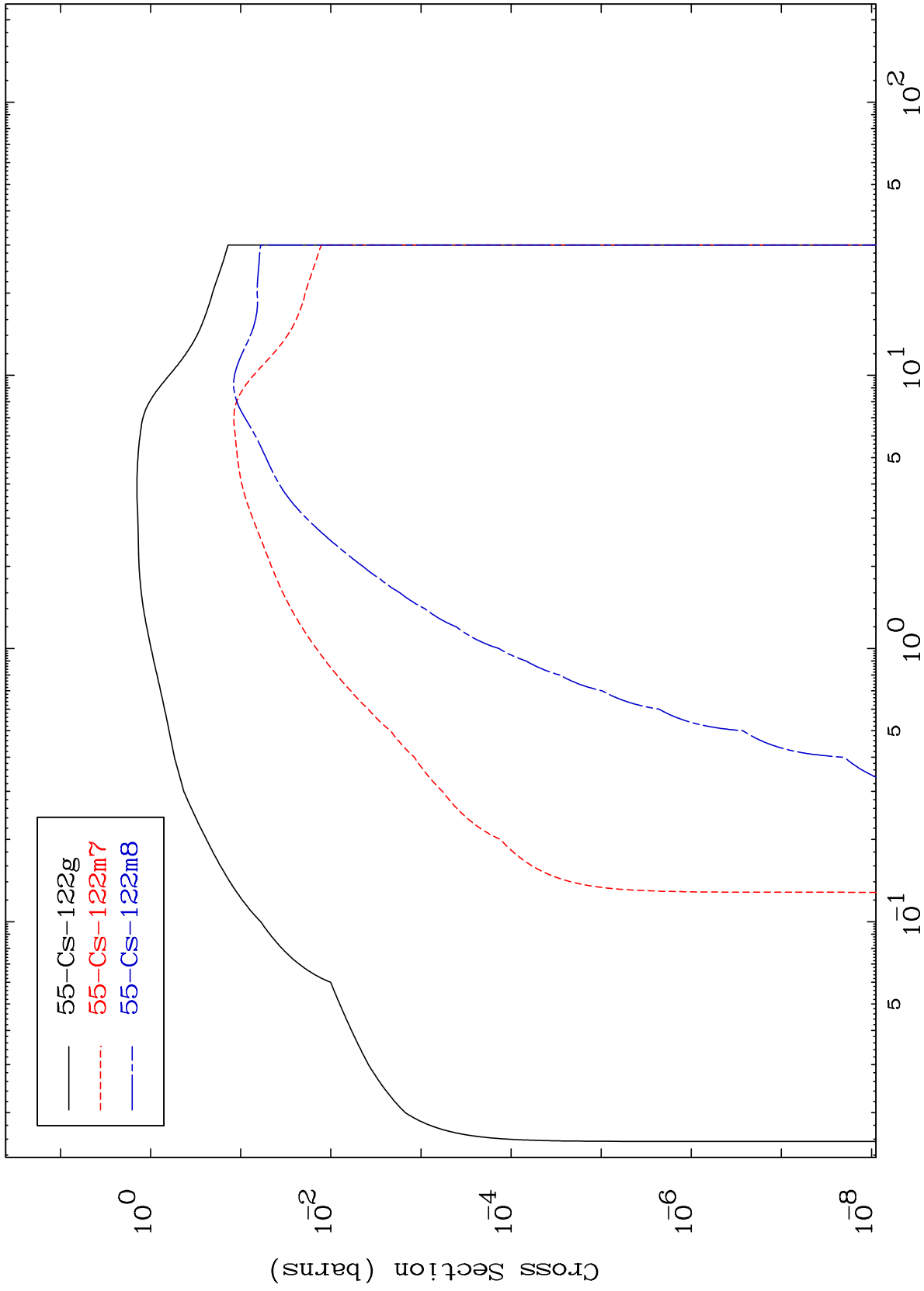


112

Incident Energy (MeV)

55-Cs-122

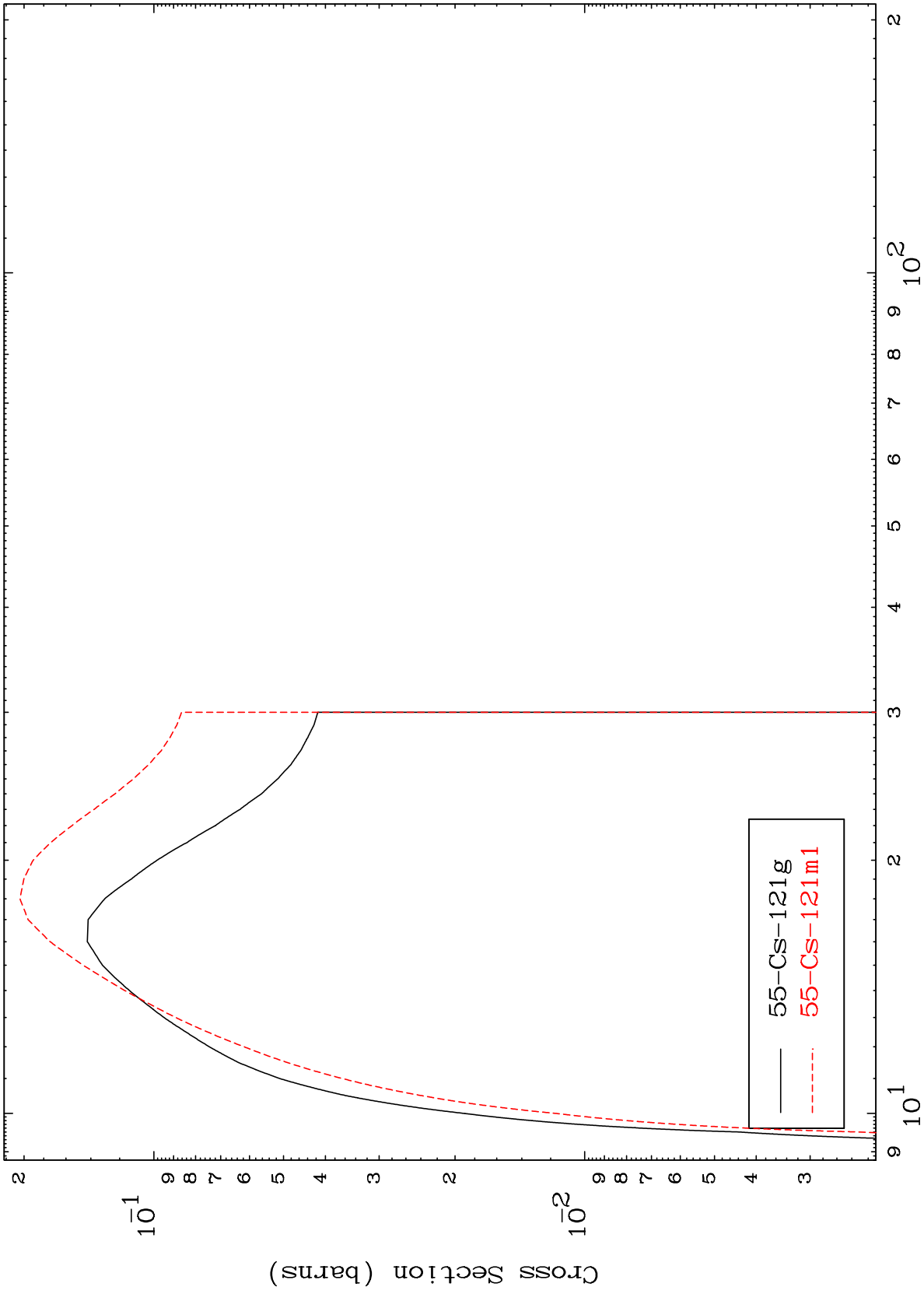
Inelastic
Radionuclide Production Cross Section



MAT 5492

55-Cs-122

(n,2n)
Radionuclide Production Cross Section

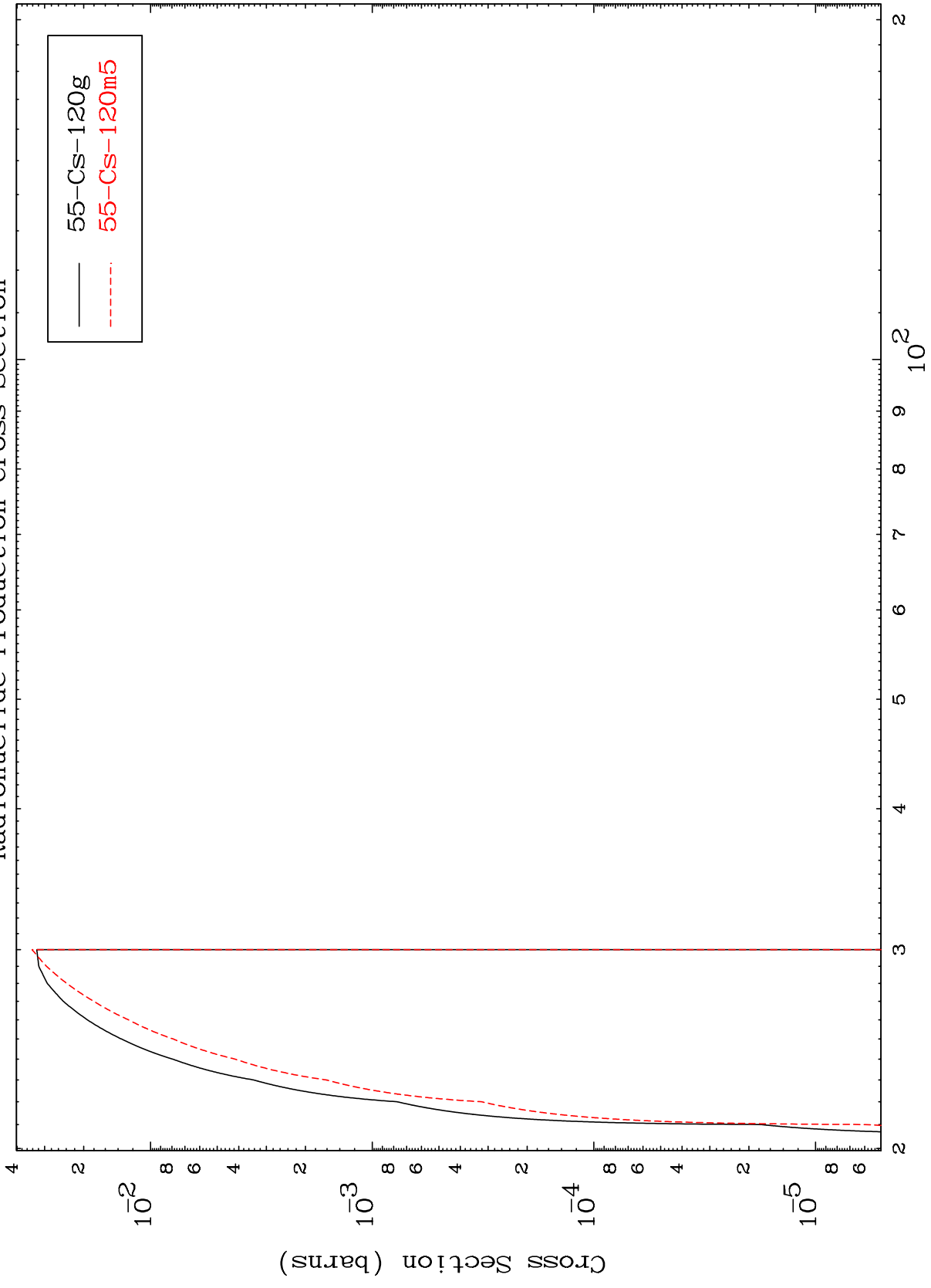


MAT 5492

(n,3n)

55-Cs-122

Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

115

Incident Energy (MeV)

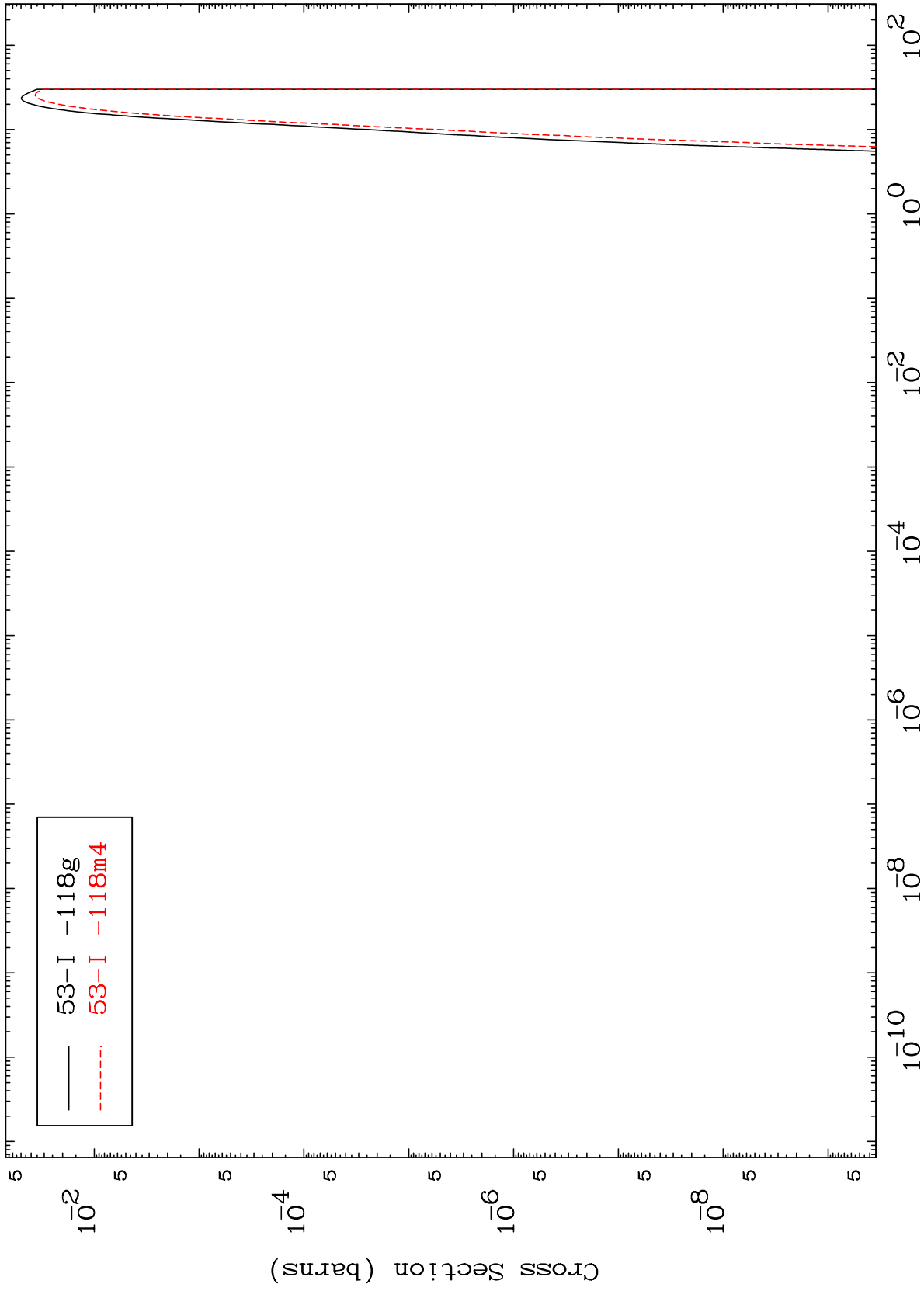
55-Cs-122

MAT 5492

(n,n') α

55-Cs-122

Radionuclide Production Cross Section



116

Incident Energy (MeV)

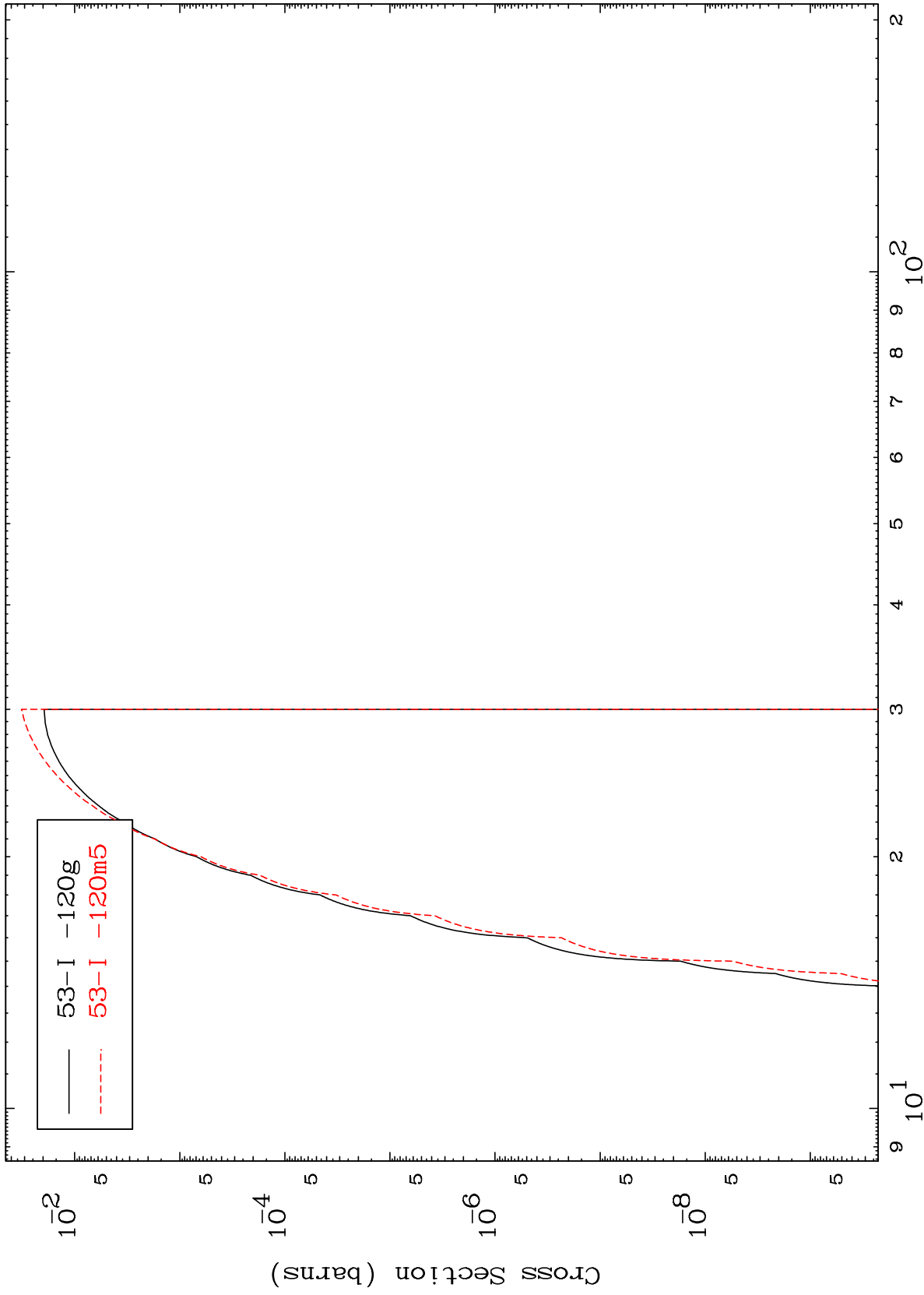
55-Cs-122

MAT 5492

(n,2n) p

55-Cs-122

Radionuclide Production Cross Section



117

Incident Energy (MeV)

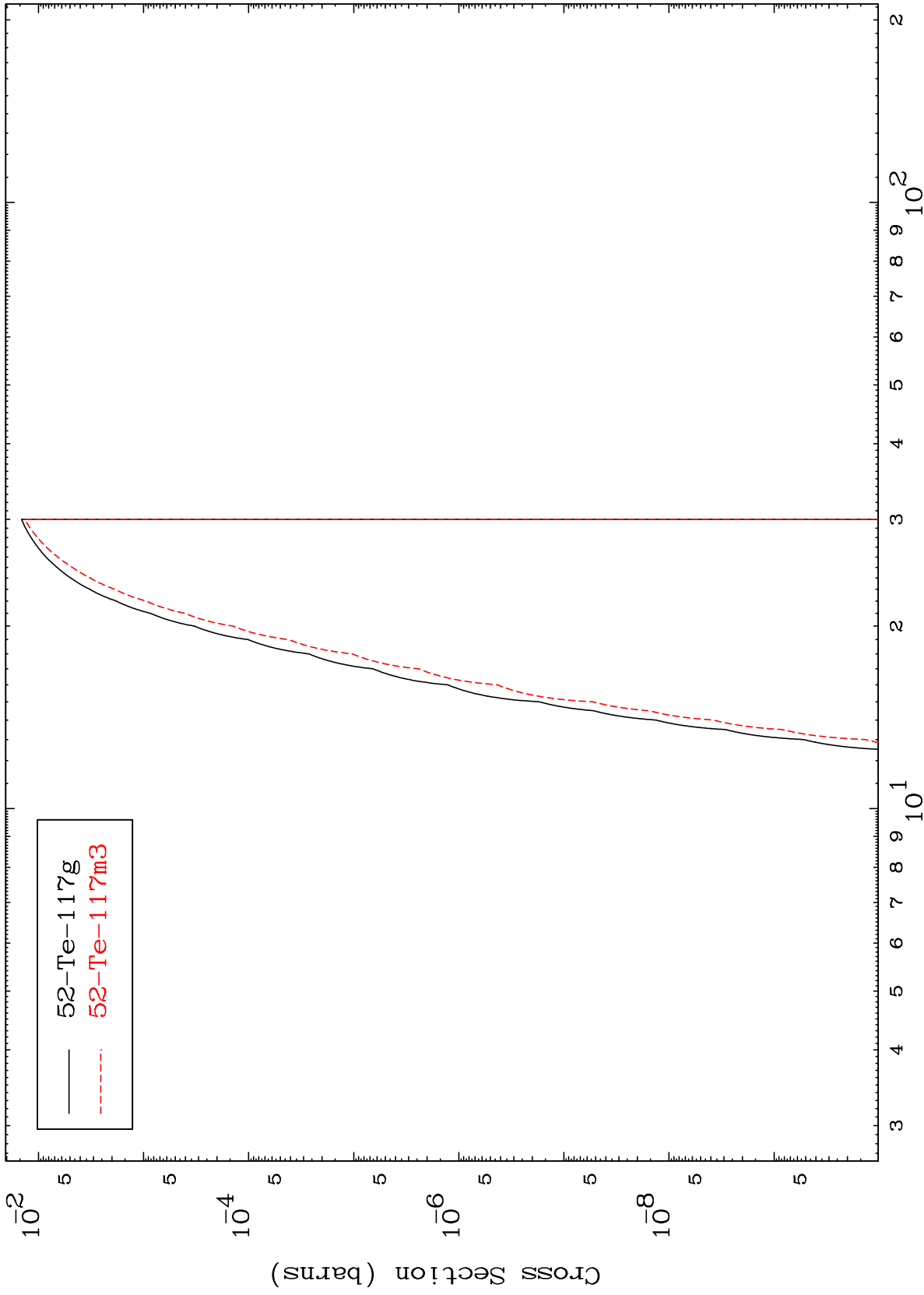
55-Cs-122

MAT 5492

(n,n') p α

55-Cs-122

Radionuclide Production Cross Section



118

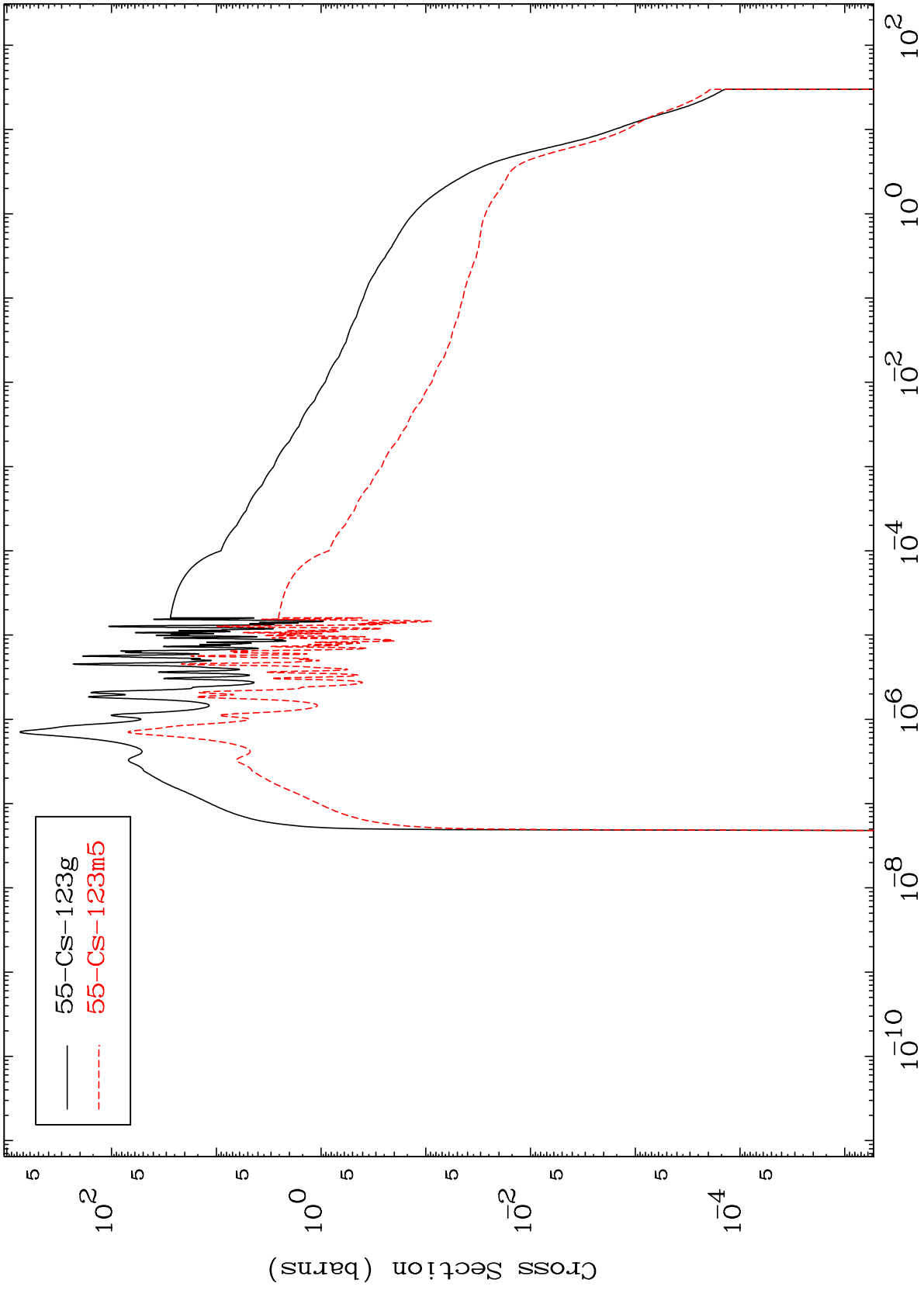
Incident Energy (MeV)

55-Cs-122

MAT 5492

55-Cs-122

Radionuclide Production Cross Section (n,γ)



119

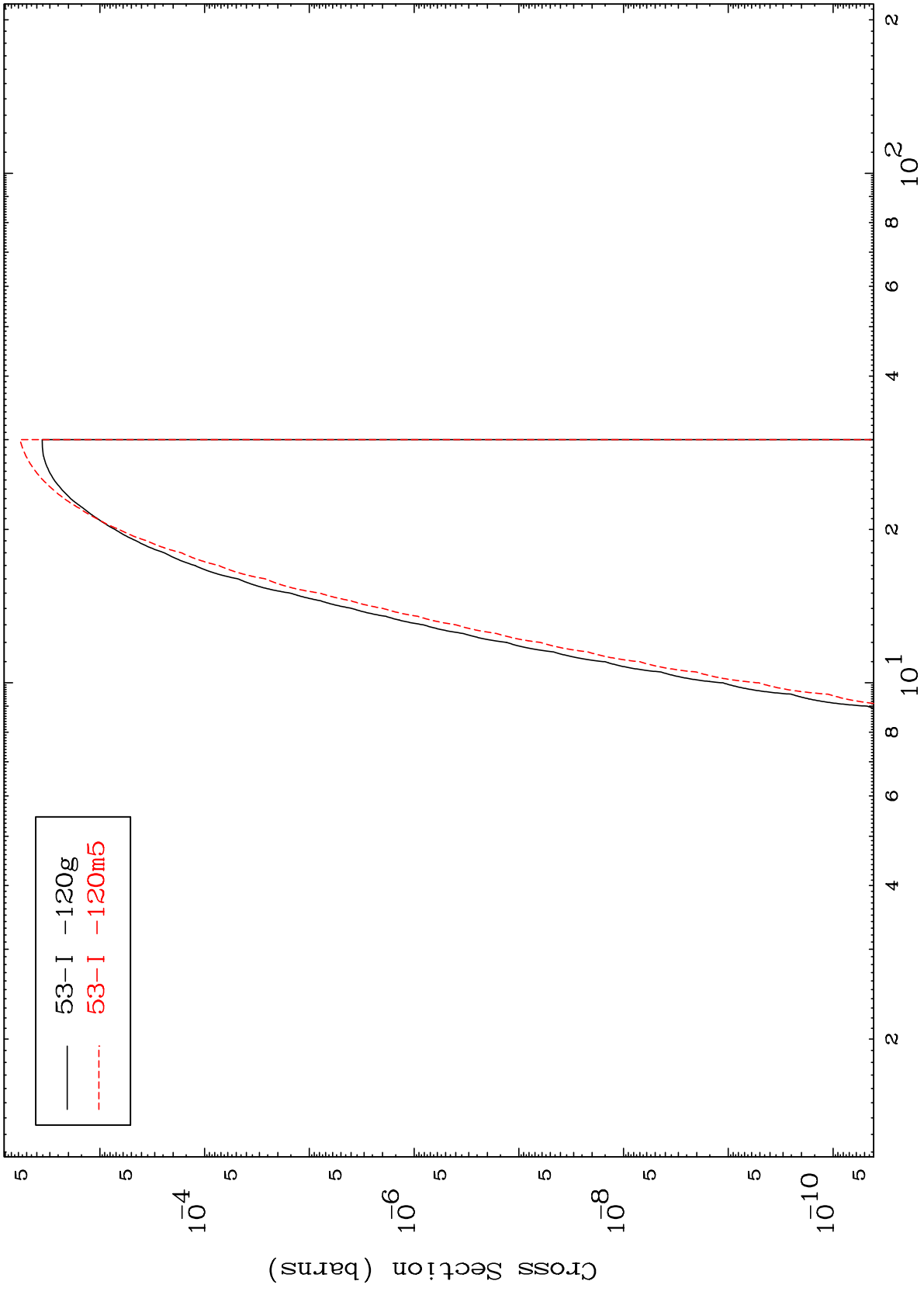
55-Cs-122

MAT 5492

(n, He-3)

55-Cs-122

Radionuclide Production Cross Section



53-I -120g
53-I -120mg

120

Incident Energy (MeV)

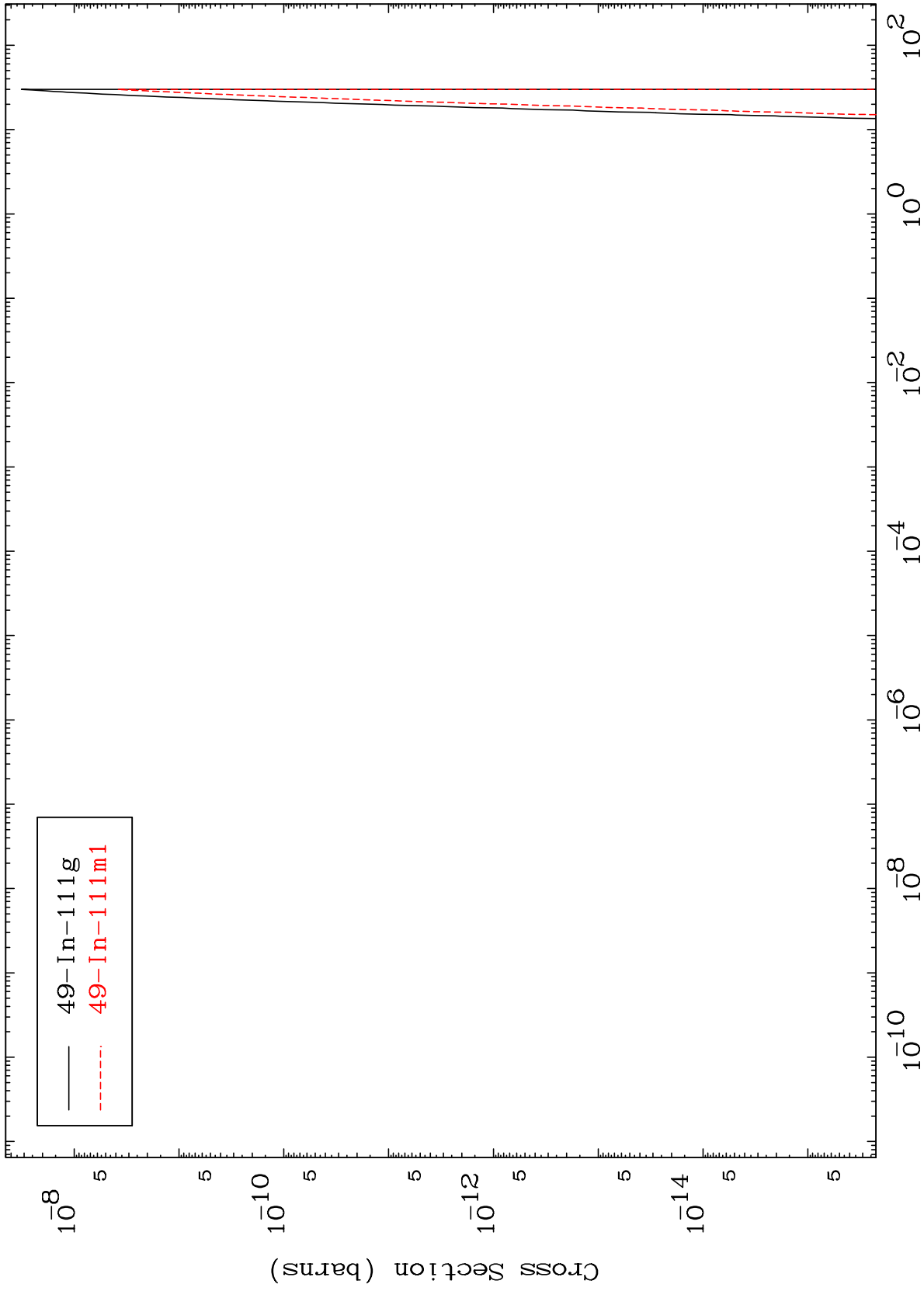
55-Cs-122

MAT 5492

(n,3α)

55-Cs-122

Radionuclide Production Cross Section



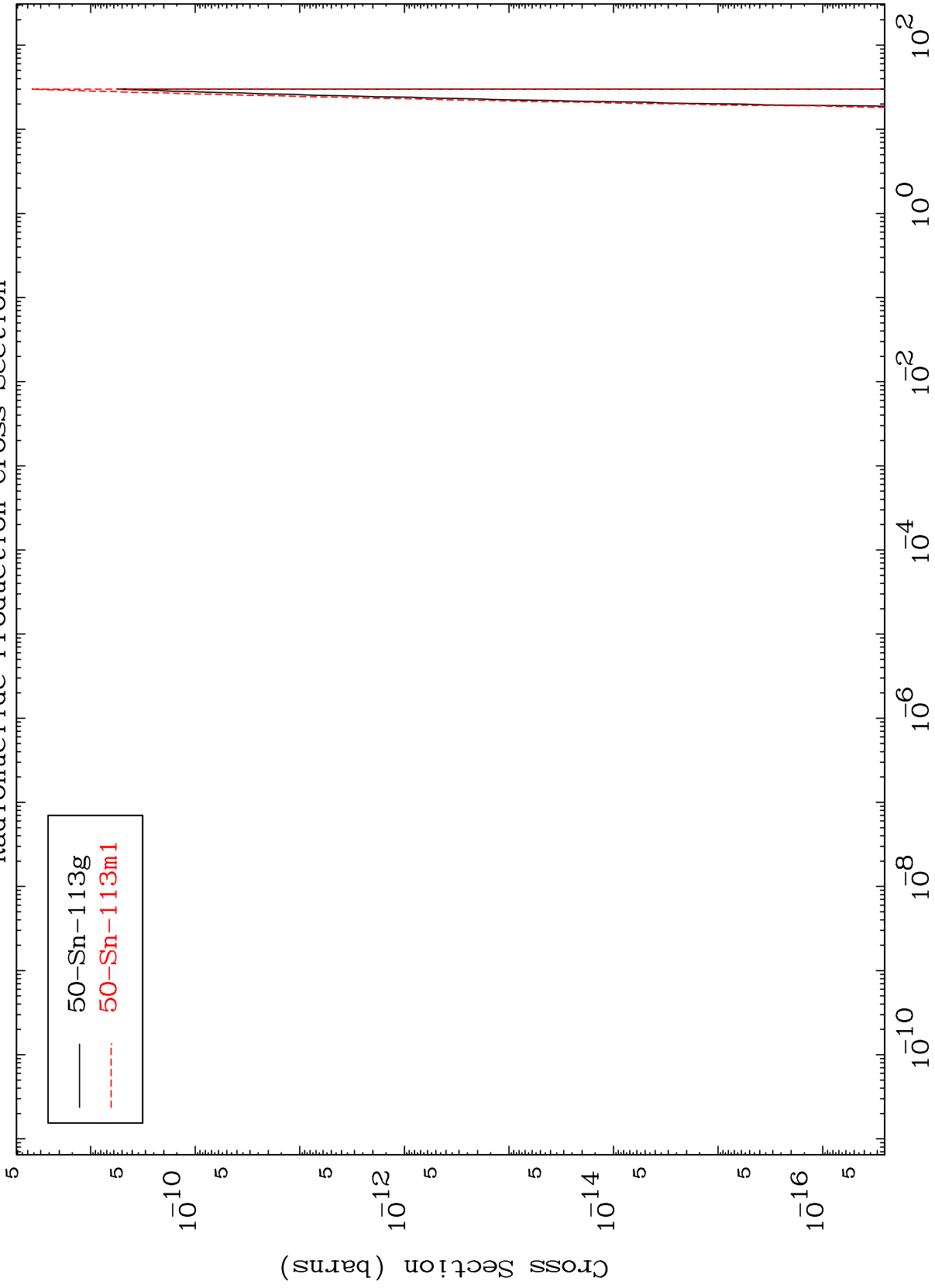
121

MAT 5492

(n,d) 2α

55-Cs-122

Radionuclide Production Cross Section



122

Incident Energy (MeV)

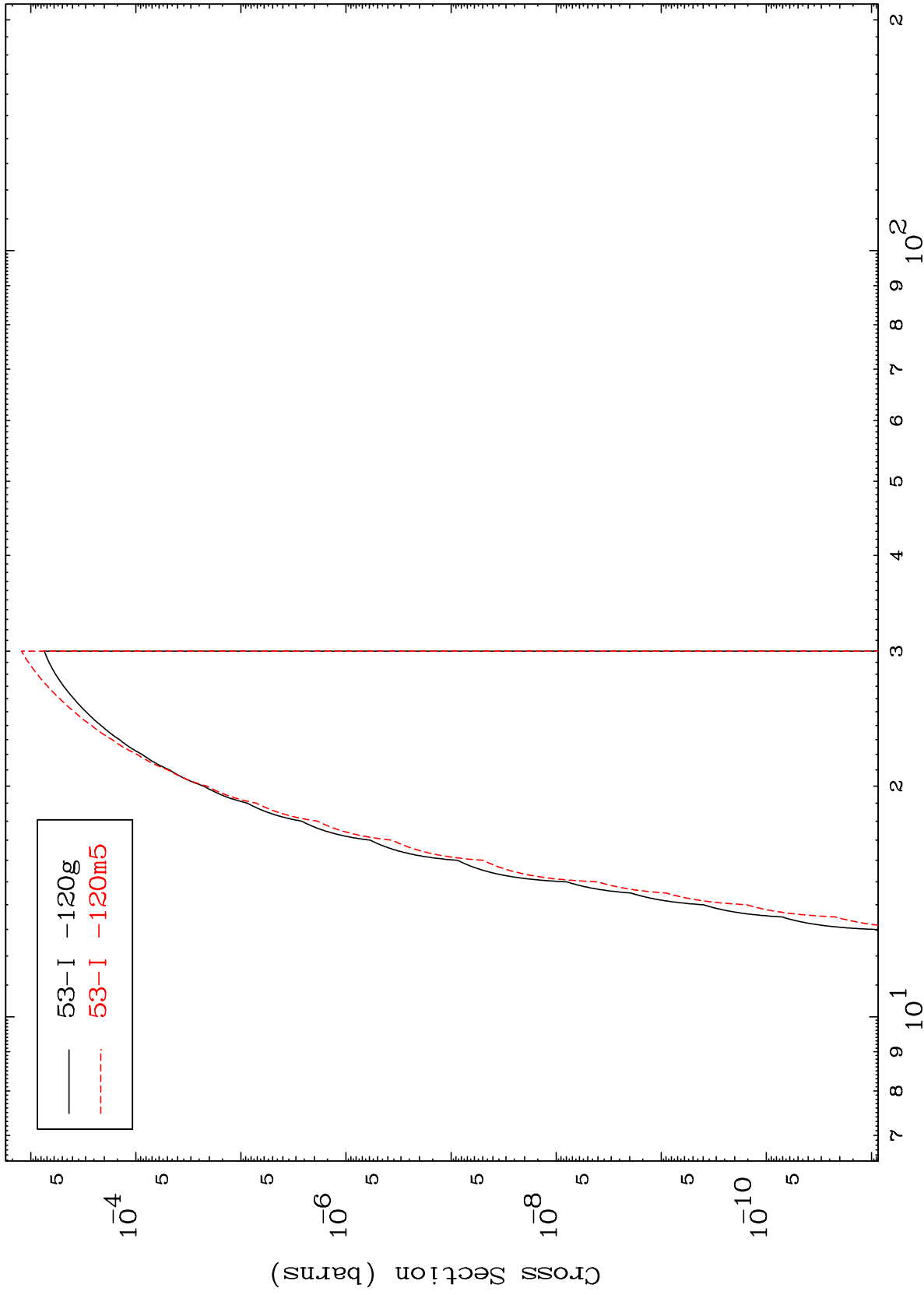
55-Cs-122

MAT 5492

(n,p) d

55-Cs-122

Radionuclide Production Cross Section



123

Incident Energy (MeV)

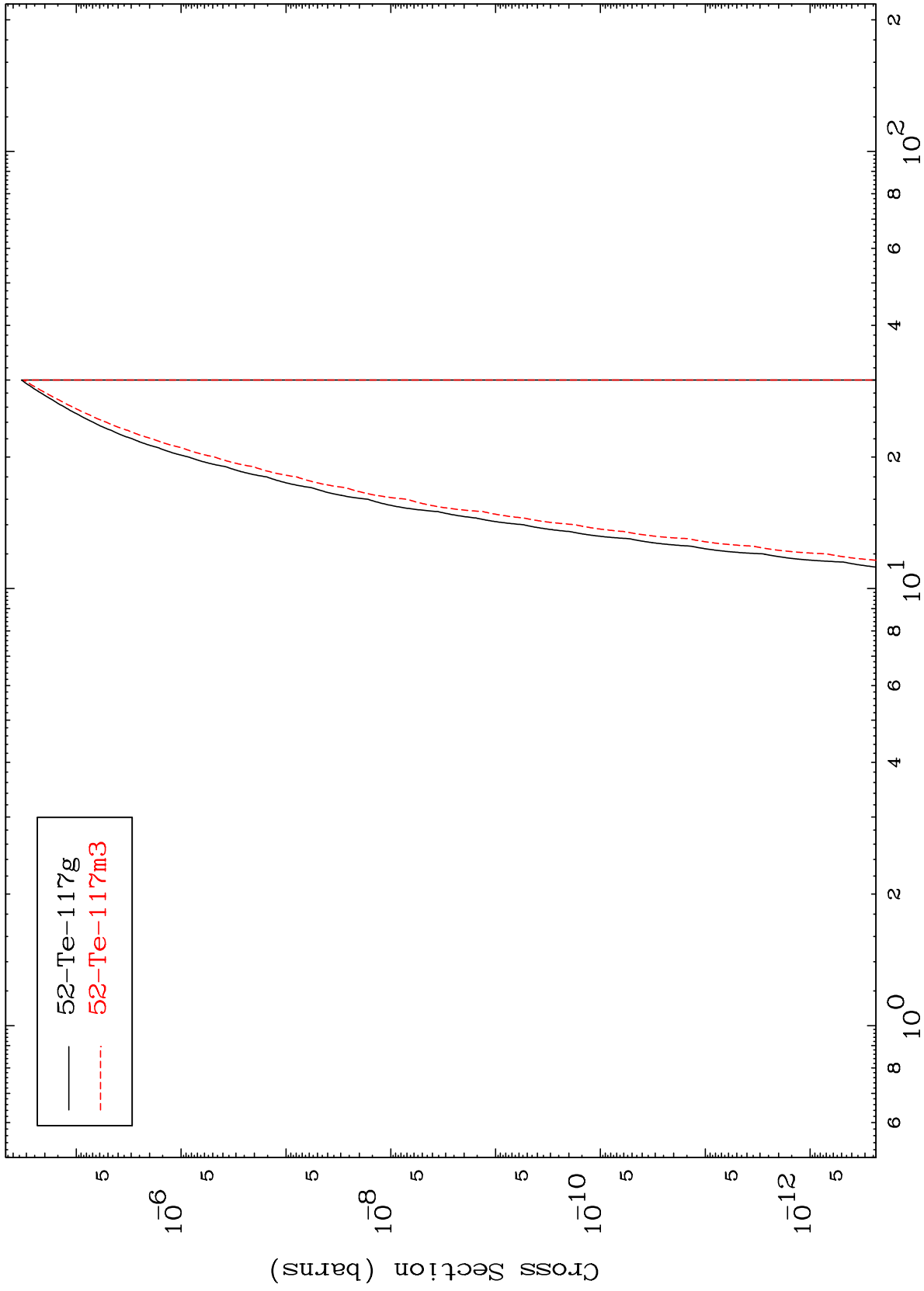
55-Cs-122

MAT 5492

(n,d) α

55-Cs-122

Radionuclide Production Cross Section



124

Incident Energy (MeV)

55-Cs-122