

Program EVALPLOT  
(Version 2018-1)

by

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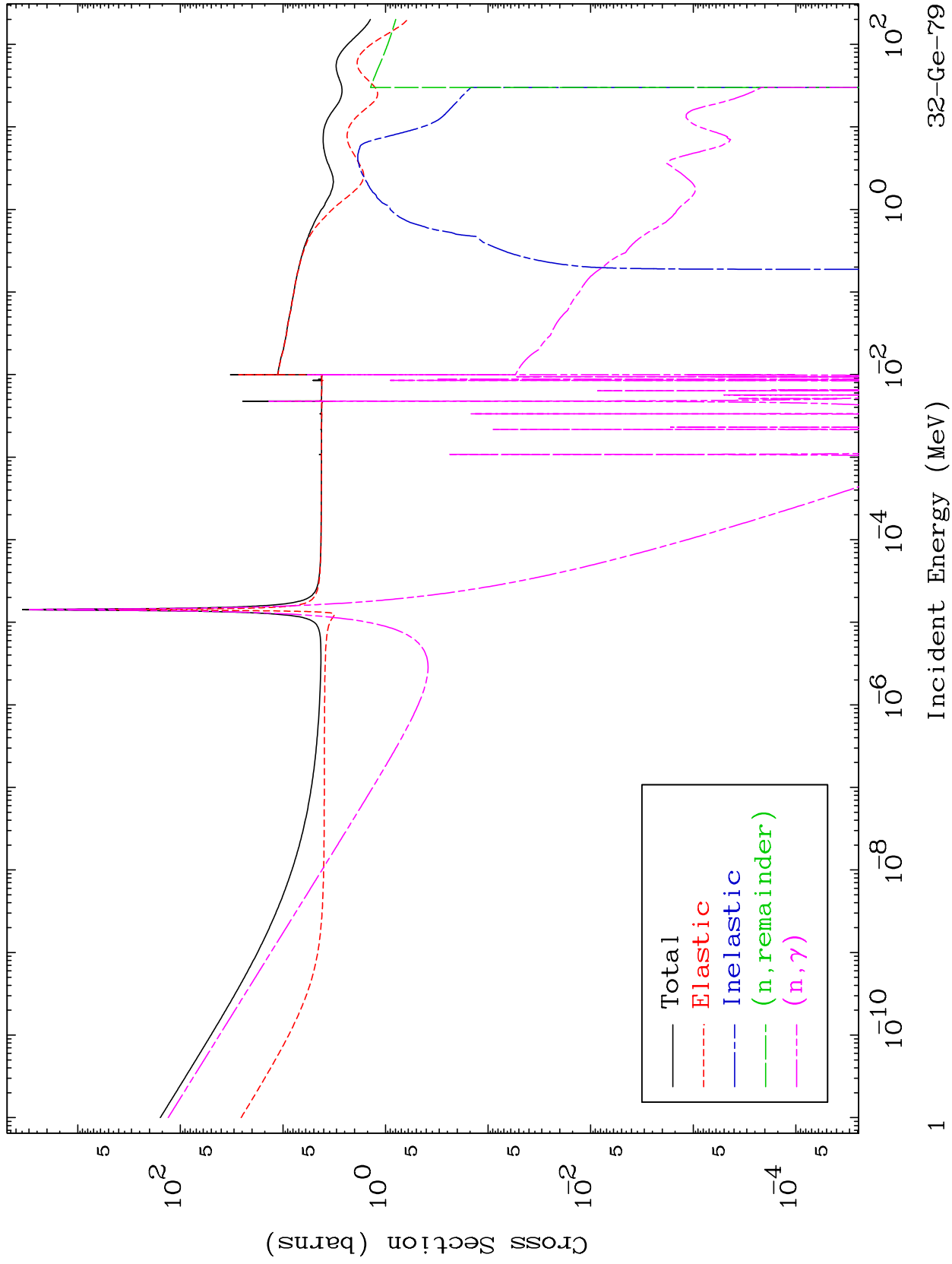
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3252

Major  
293 Kelvin Cross Sections

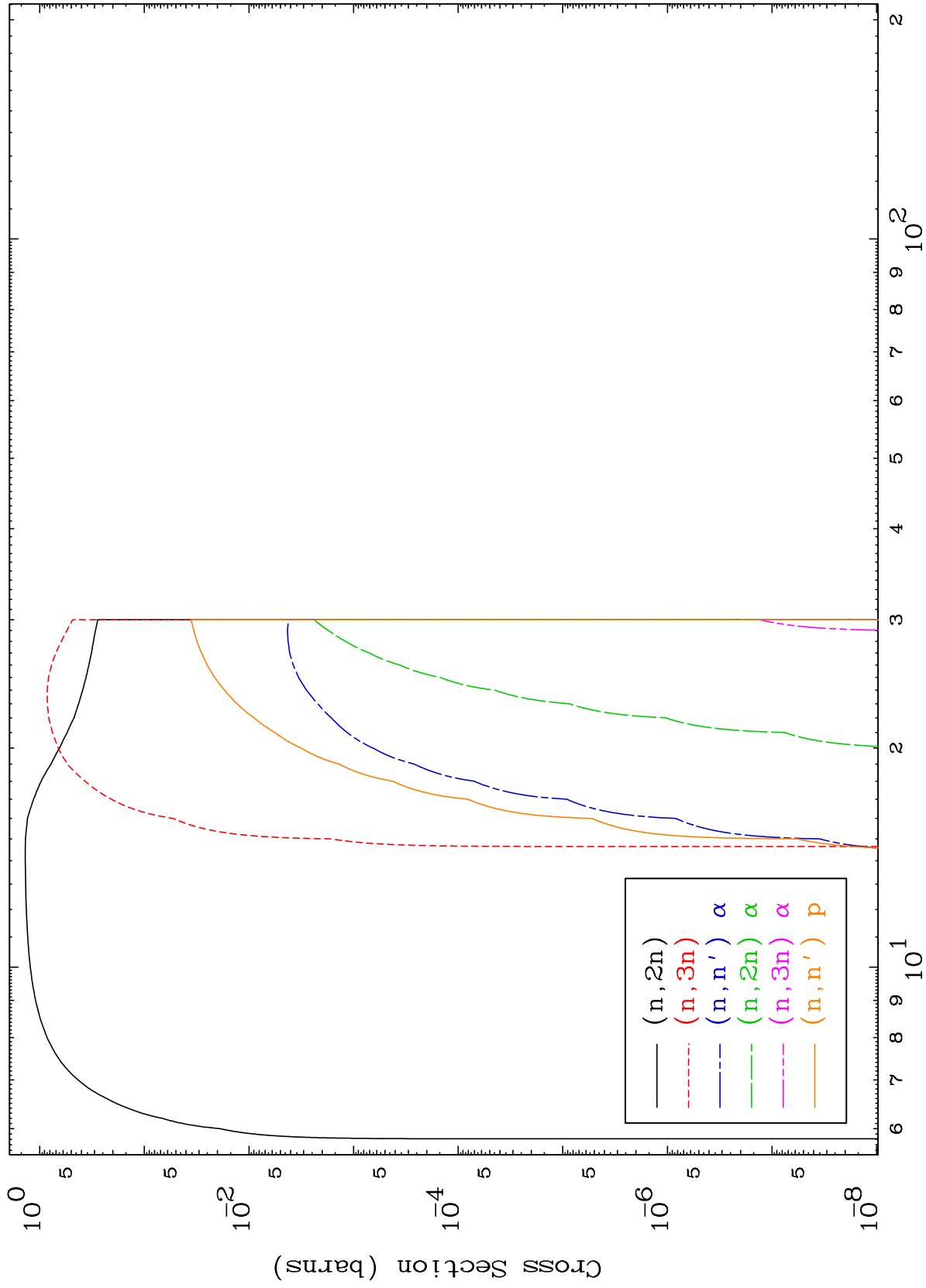
32-Ge-79



MAT 3252

# Neutron Production 293 Kelvin Cross Sections

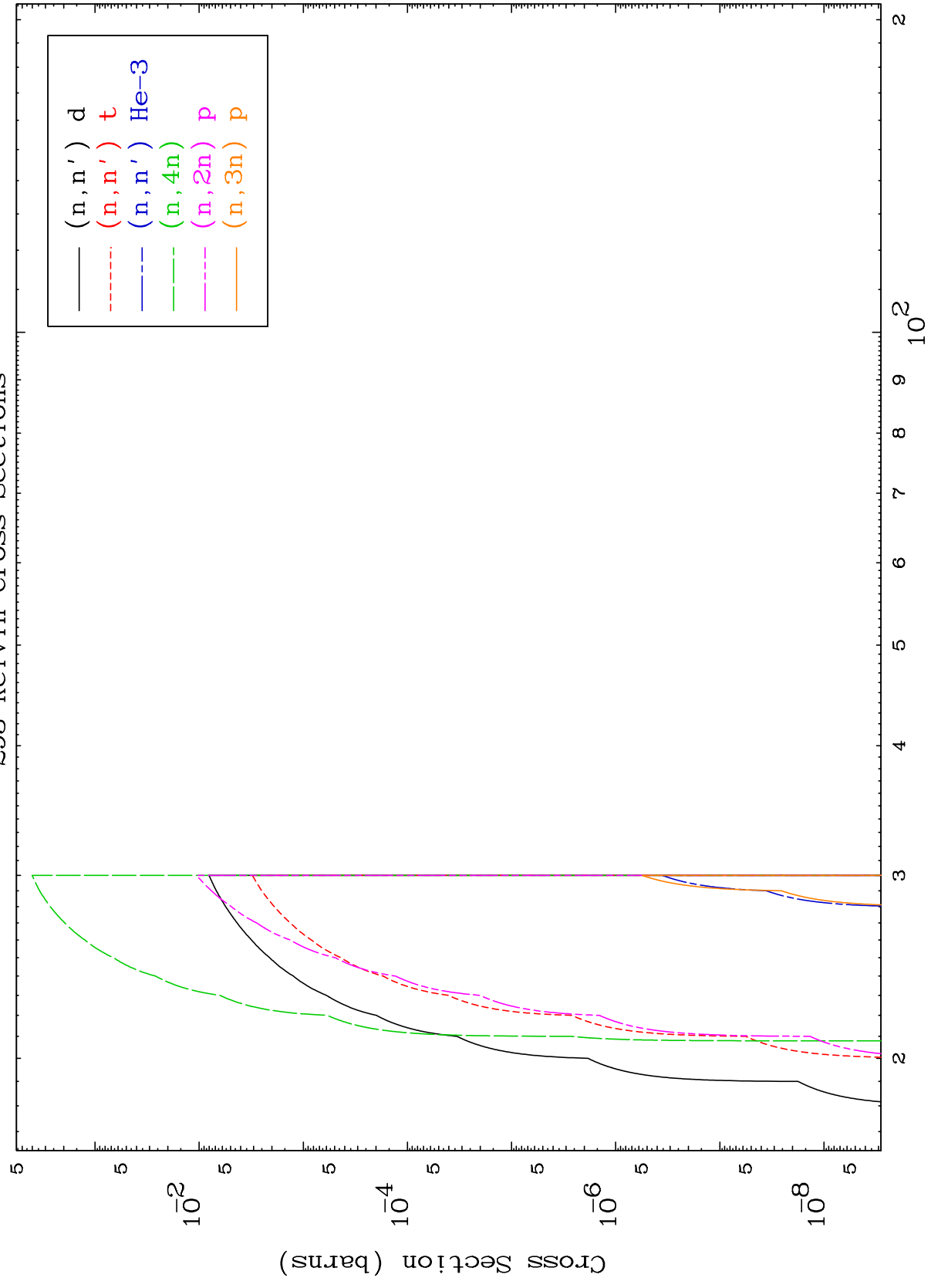
32-Ge-79



2

Incident Energy (MeV)

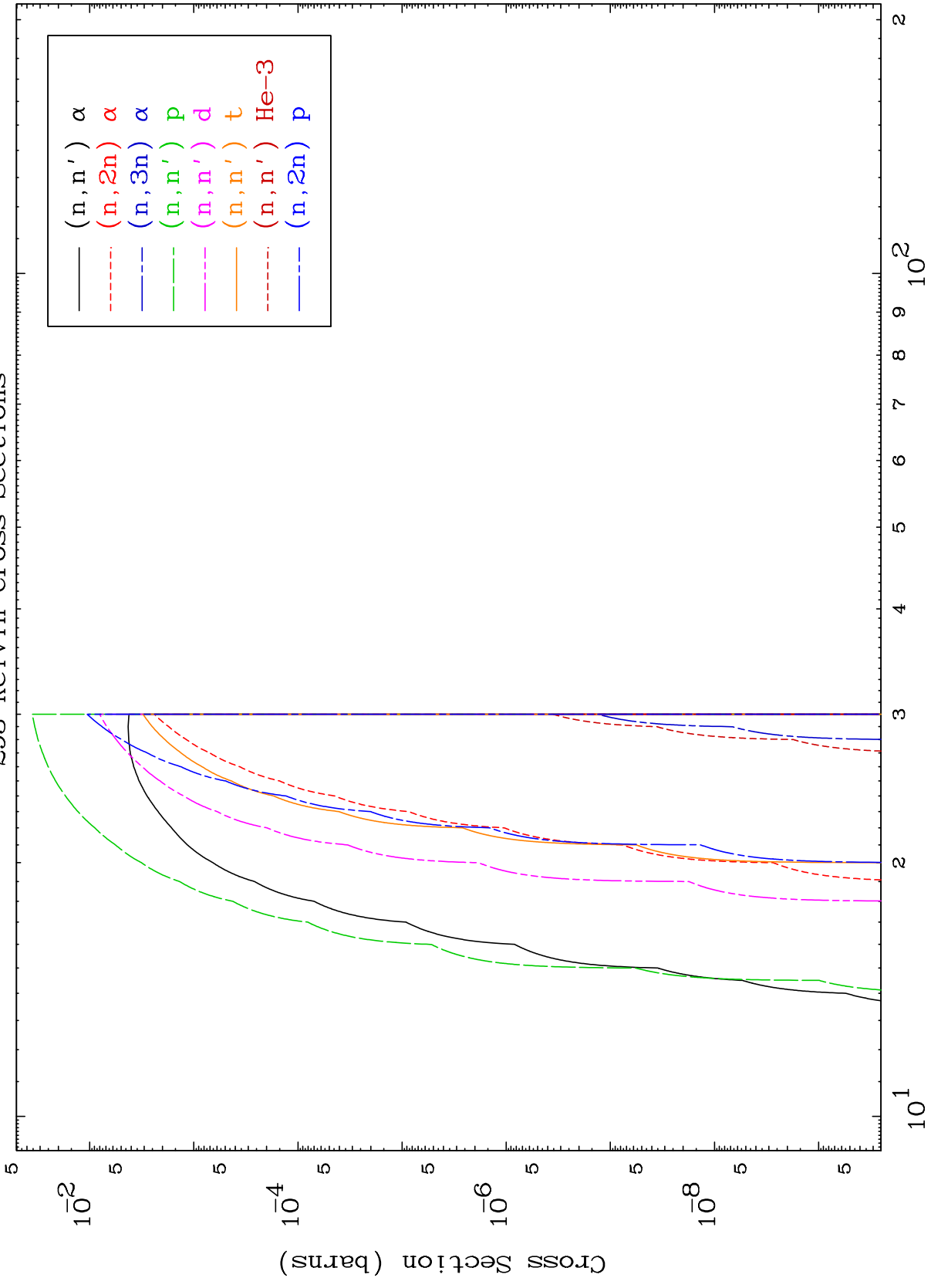
32-Ge-79



MAT 3252

Charged Particle  
293 Kelvin Cross Sections

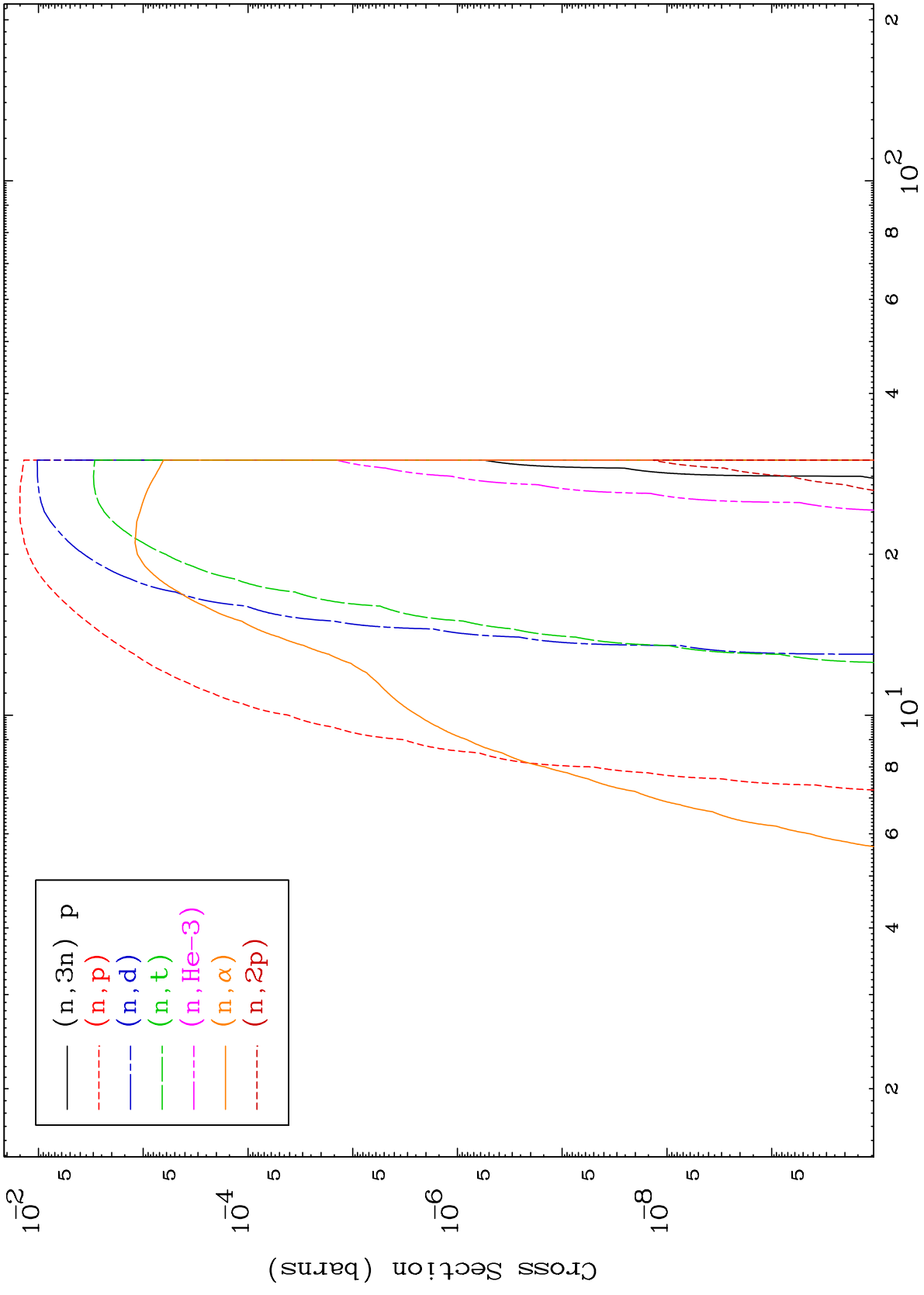
32-Ge-79



32-Ge-79

Incident Energy (MeV)

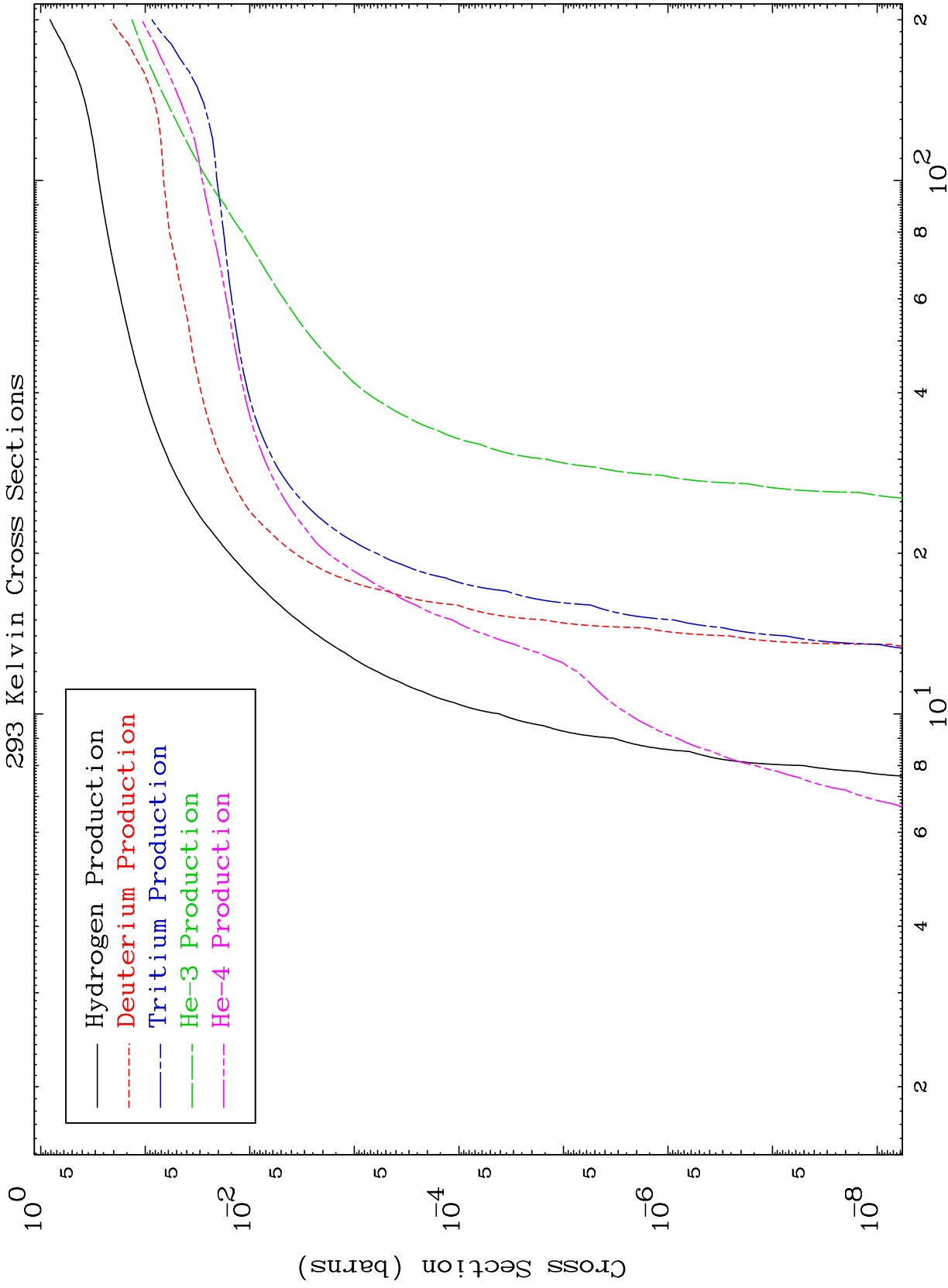
4



MAT 3252

Particle Production  
293 Kelvin Cross Sections

32-Ge-79



6

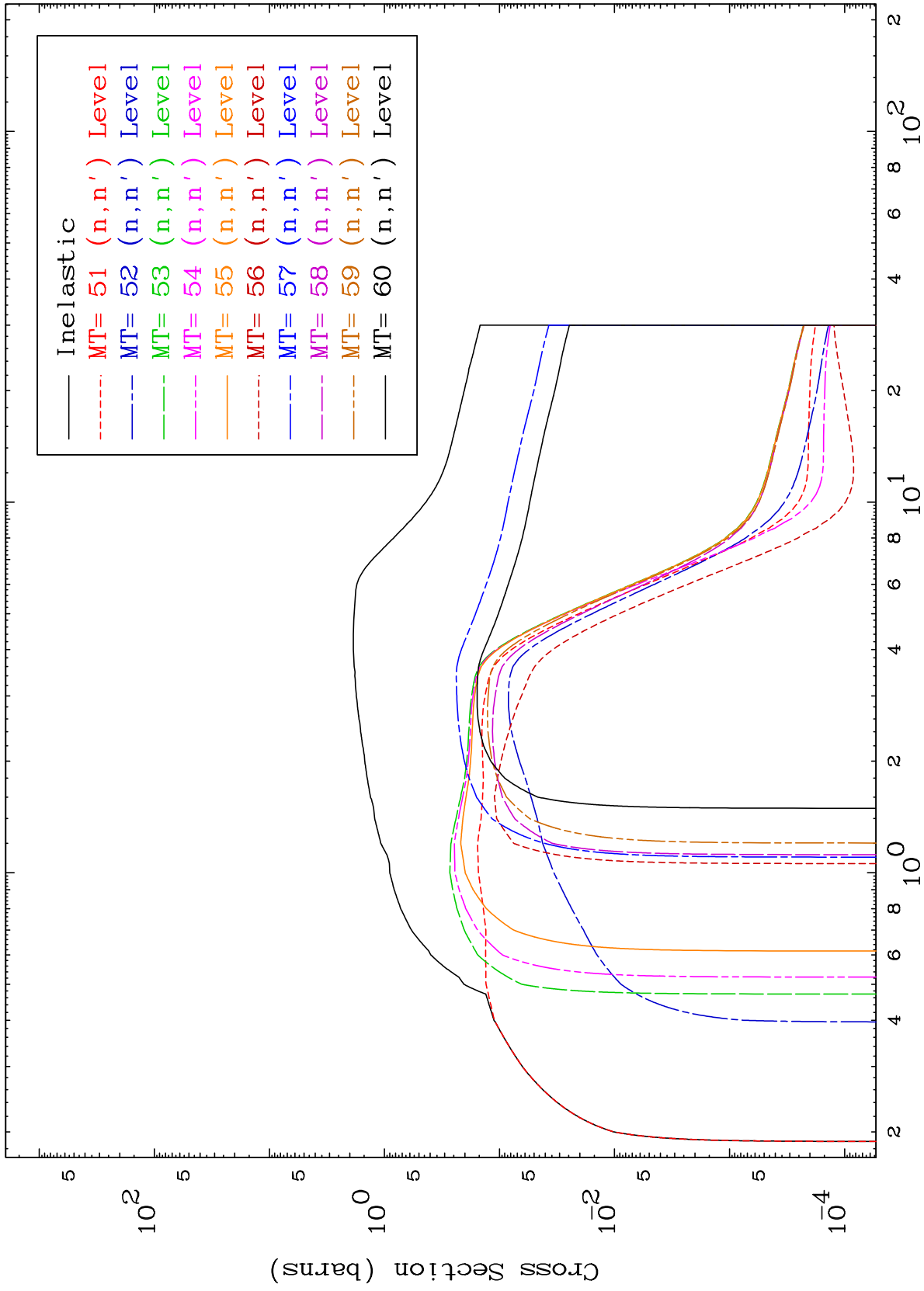
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,n') Level  
293 Kelvin Cross Sections

32-Ge-79



7

Incident Energy (MeV)

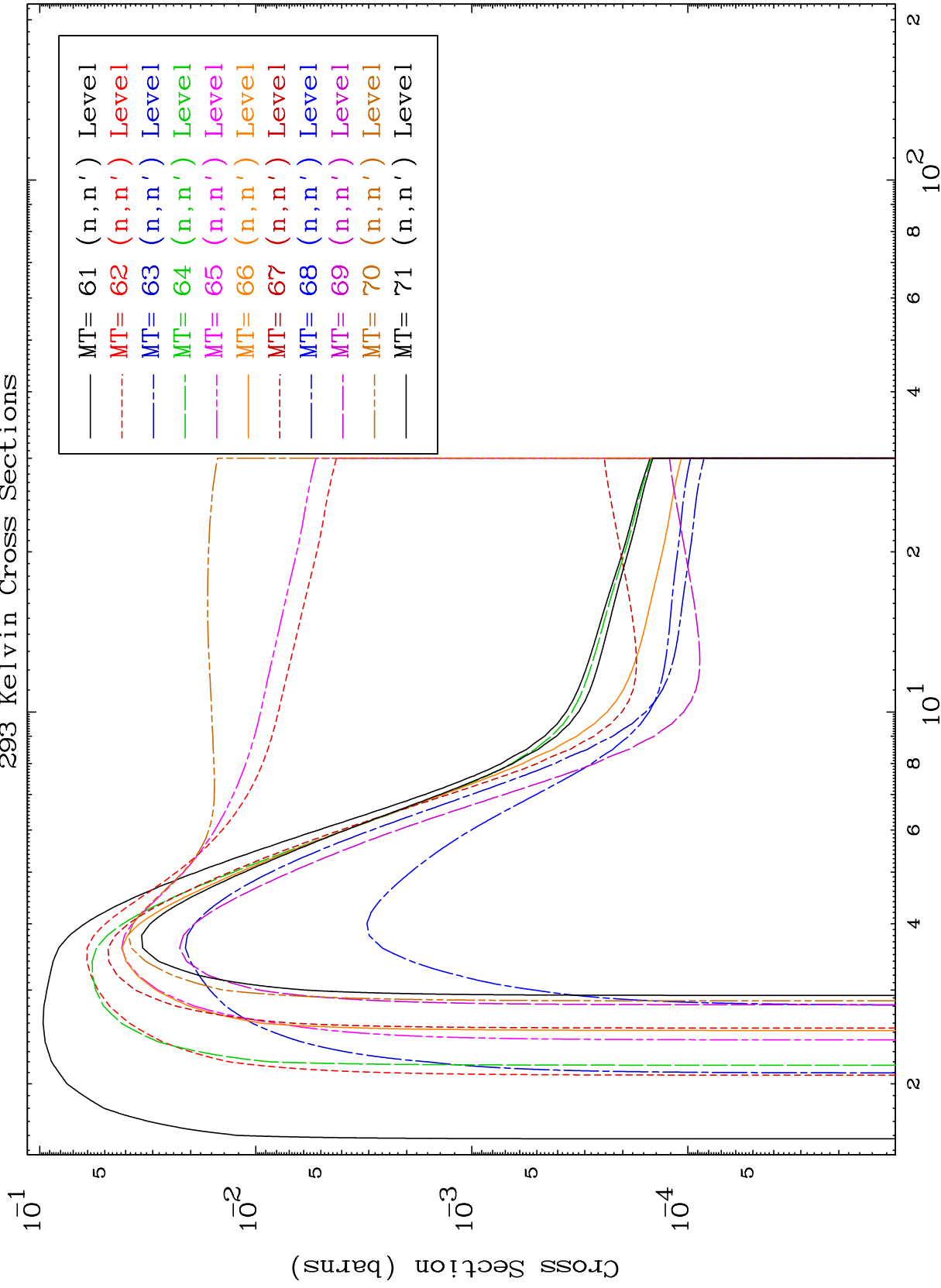
32-Ge-79



MAT 3252

(n,n') Level  
293 Kelvin Cross Sections

32-Ge-79



8

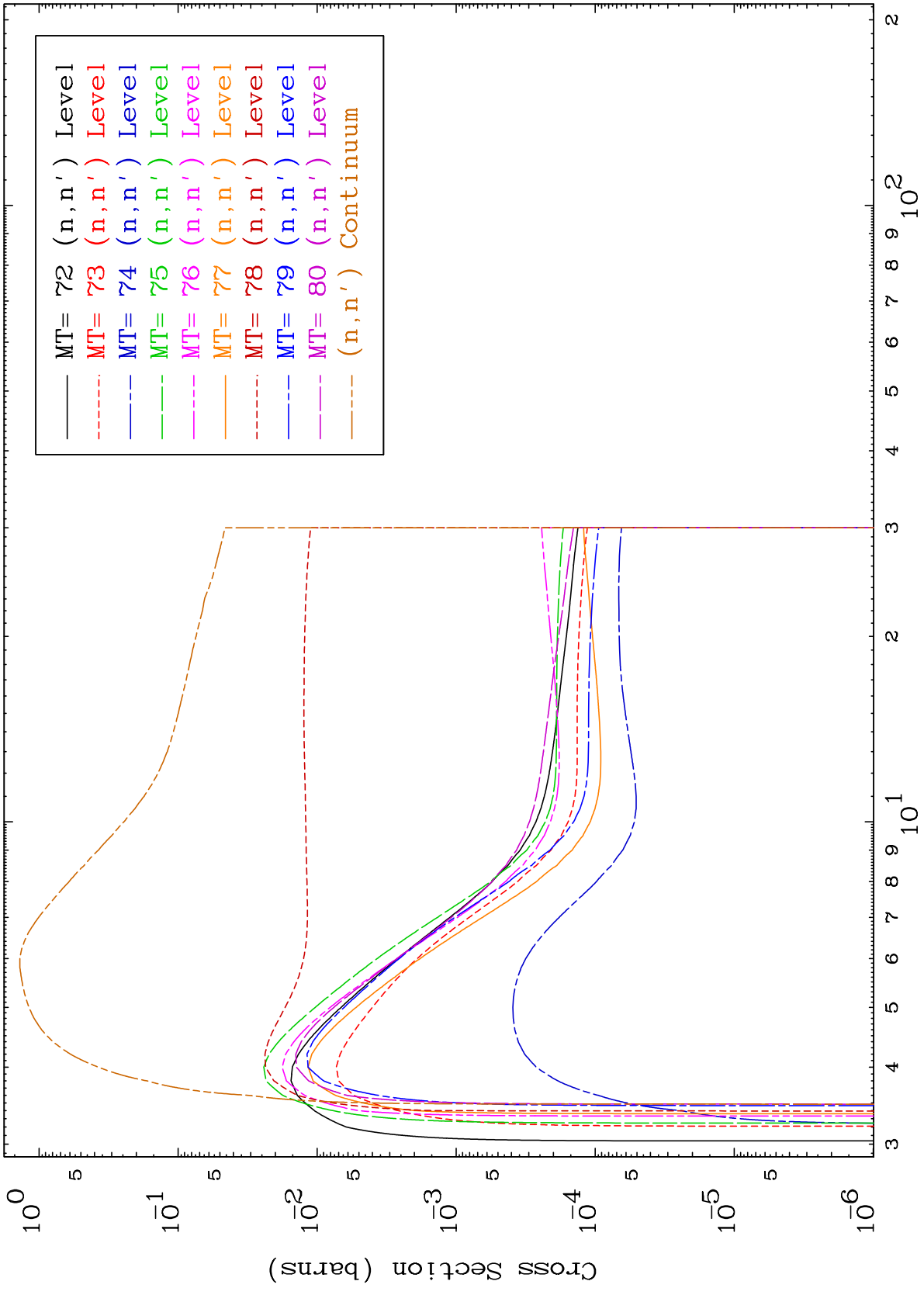
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,n') Level  
293 Kelvin Cross Sections

32-Ge-79



9

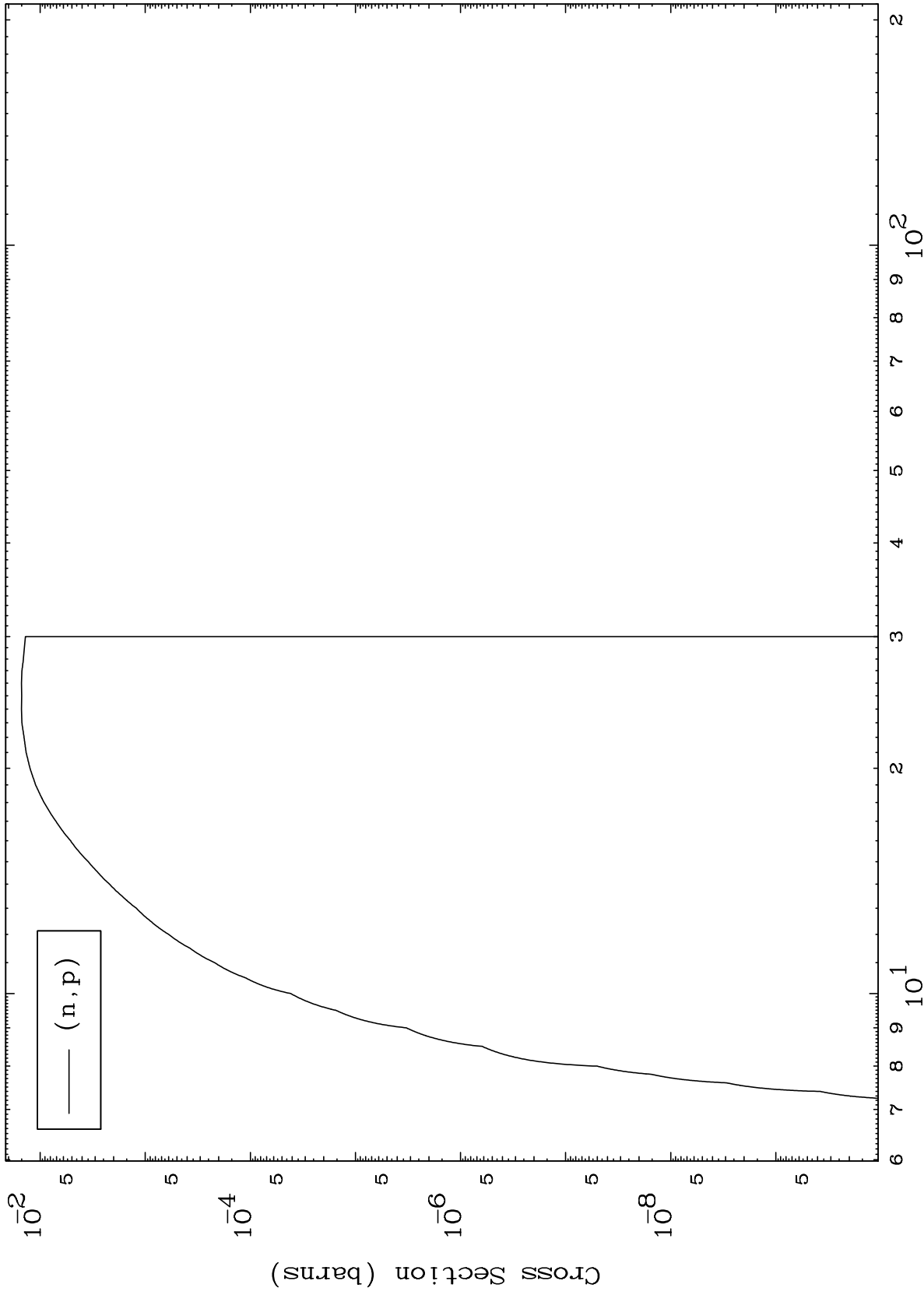
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,p) Levels  
293 Kelvin Cross Sections

32-Ge-79



10

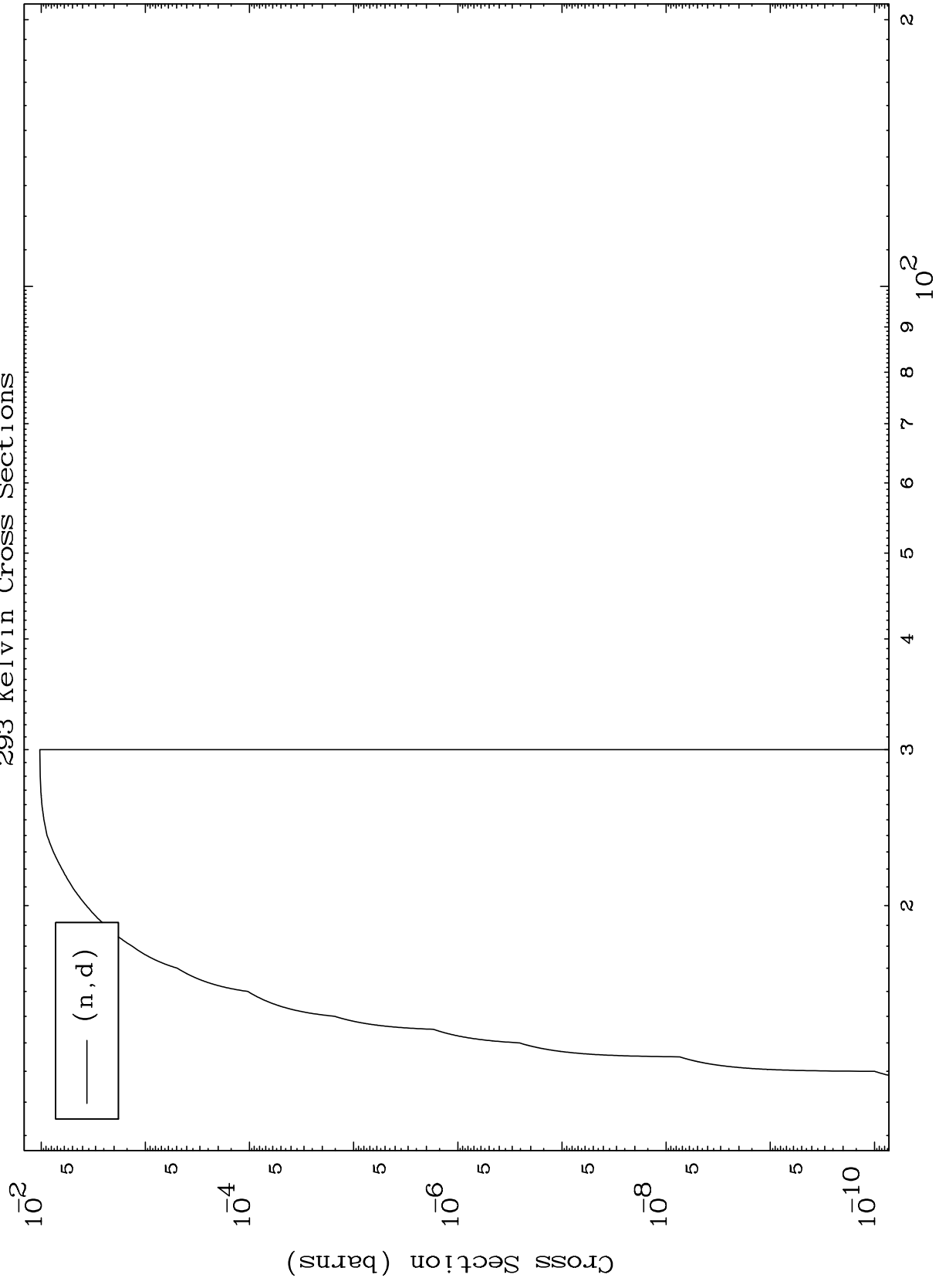
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,d) Levels  
293 Kelvin Cross Sections

32-Ge-79



11

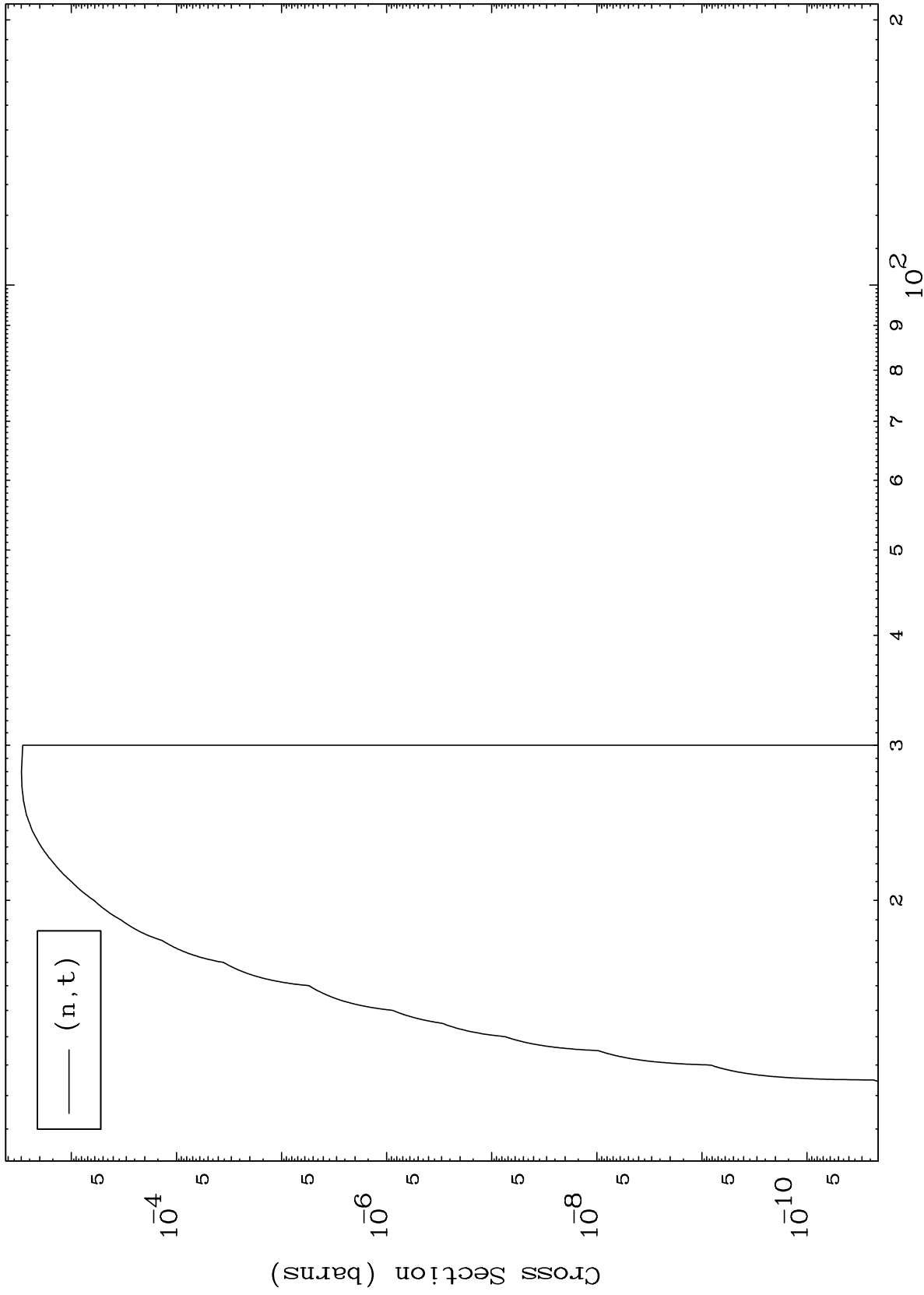
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,t) Levels  
293 Kelvin Cross Sections

32-Ge-79



12

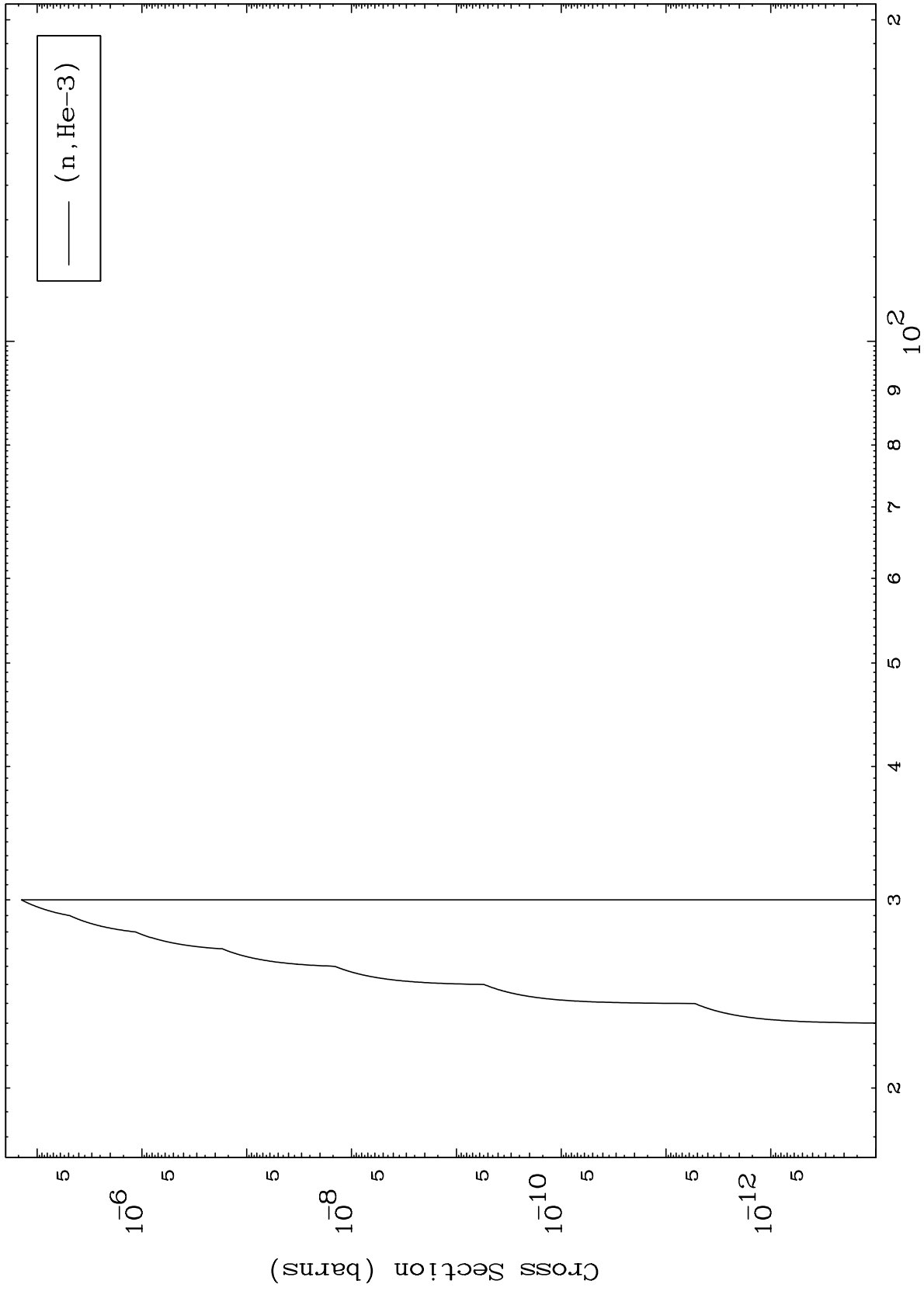
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,He3) Levels  
293 Kelvin Cross Sections

32-Ge-79



13

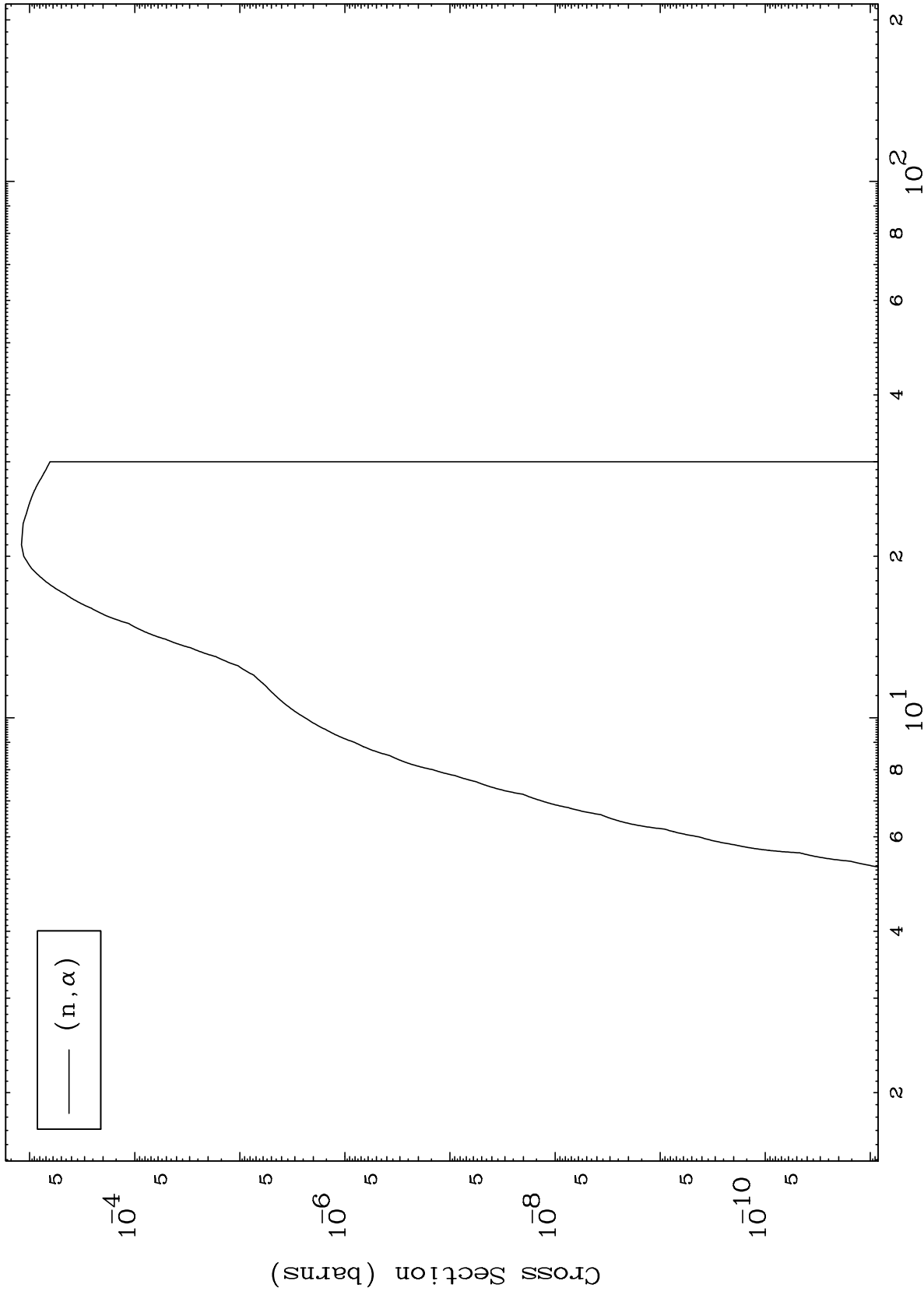
Incident Energy (MeV)

32-Ge-79

MAT 3252

(n,α) Levels  
293 Kelvin Cross Sections

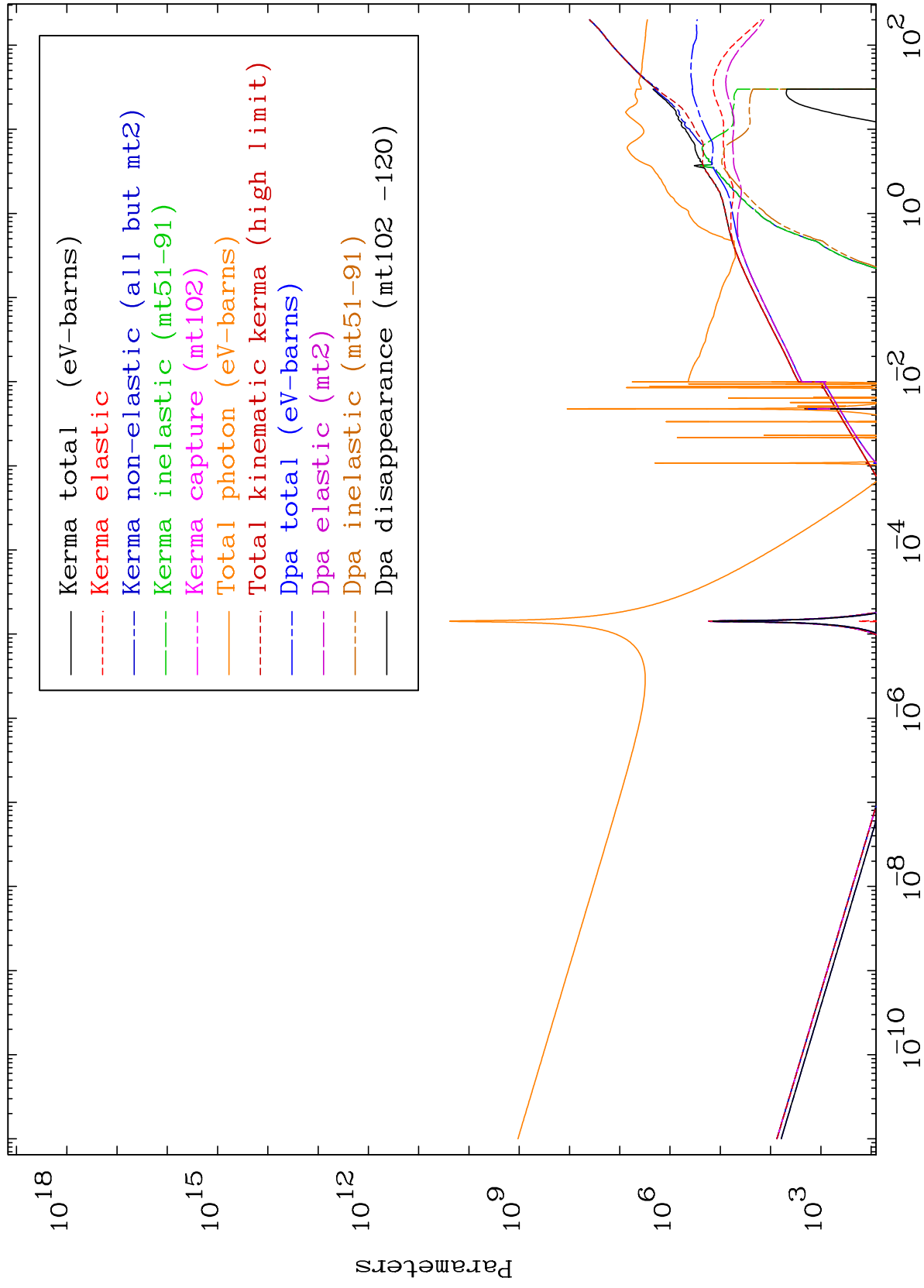
32-Ge-79



14

Incident Energy (MeV)

32-Ge-79

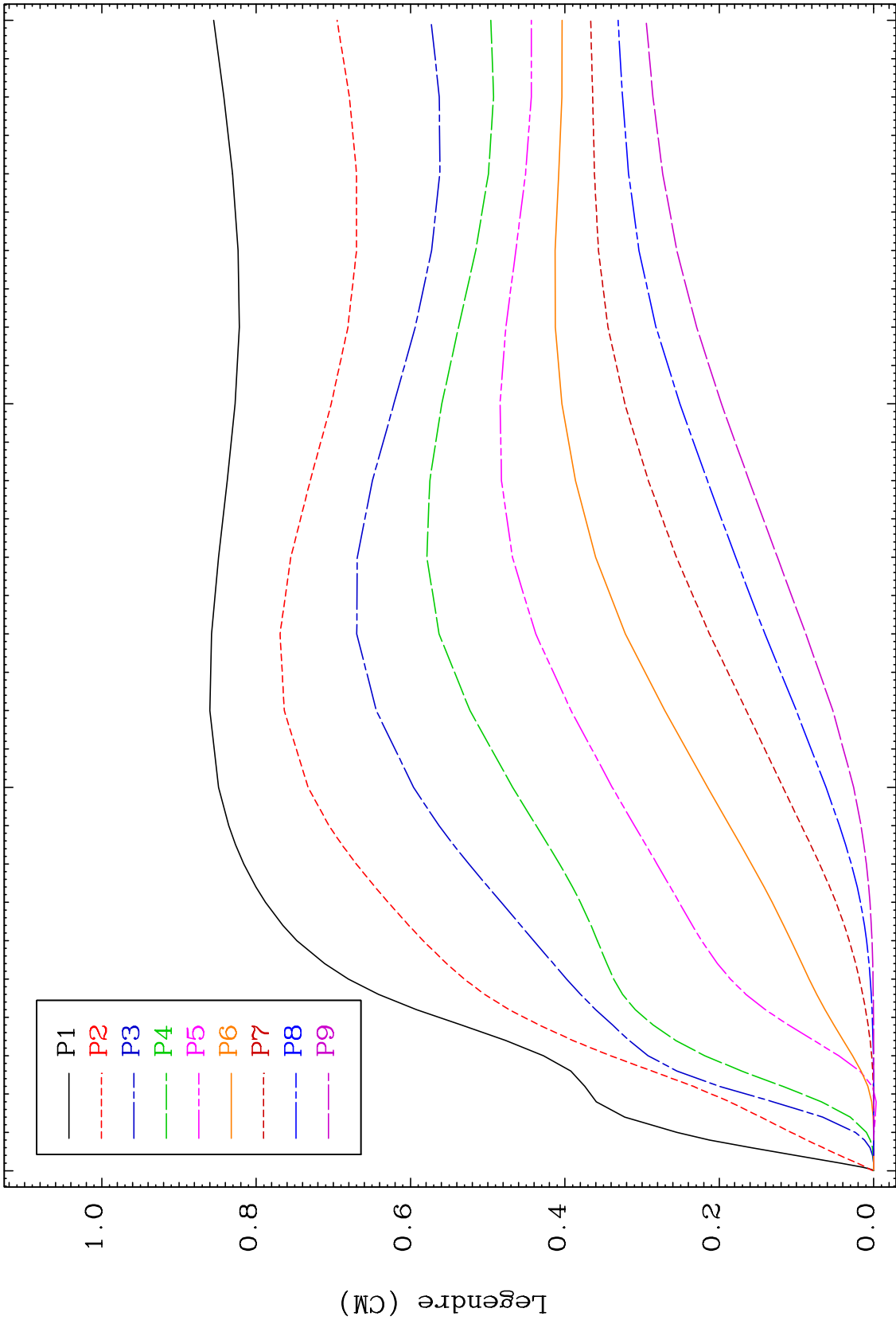




MAT 3252

Elastic Legendre Coefficients

<sup>32</sup>Ge-79



16

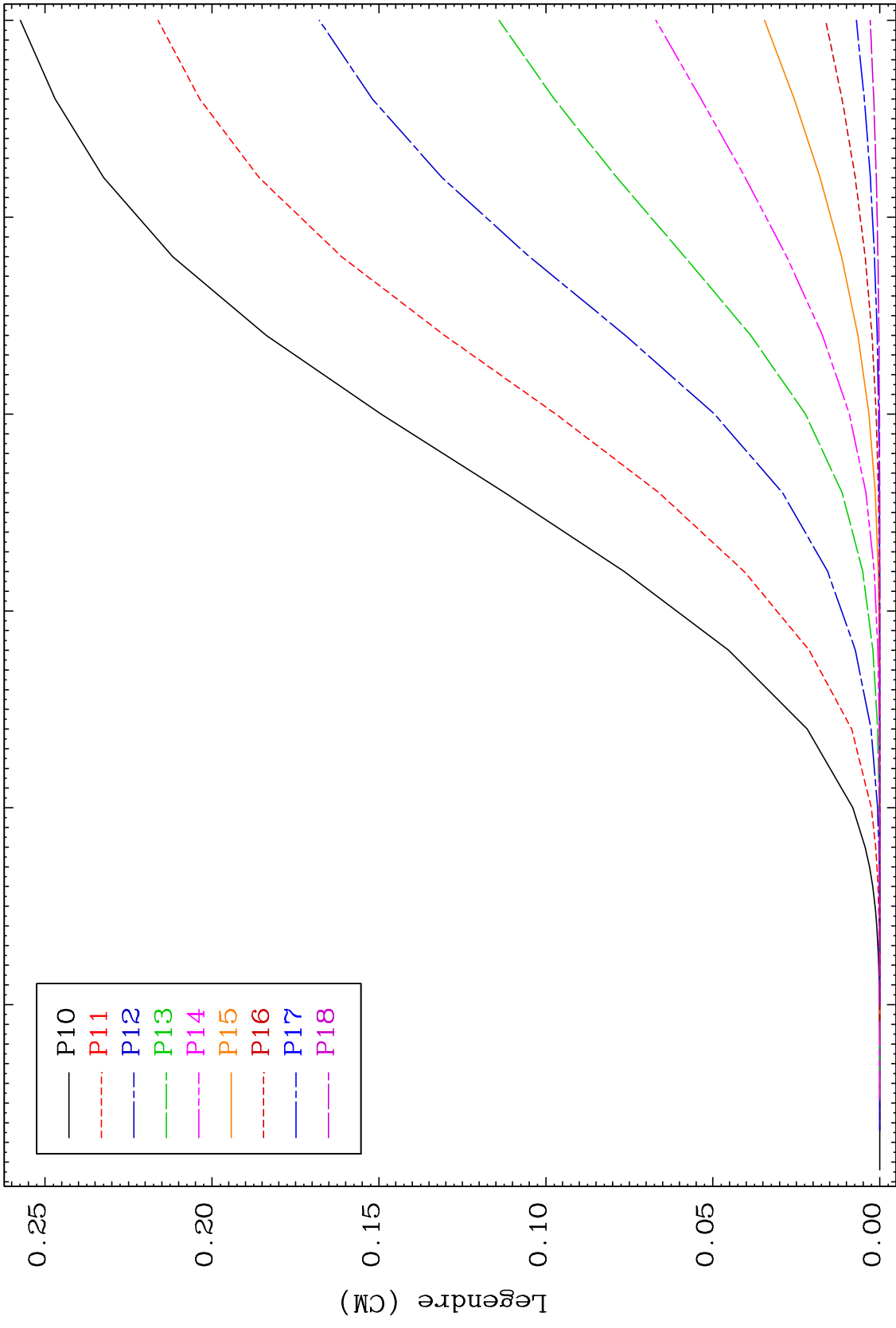
Incident Energy (MeV)

<sup>32</sup>Ge-79

MAT 3252

Elastic Legendre Coefficients

32-Ge-79



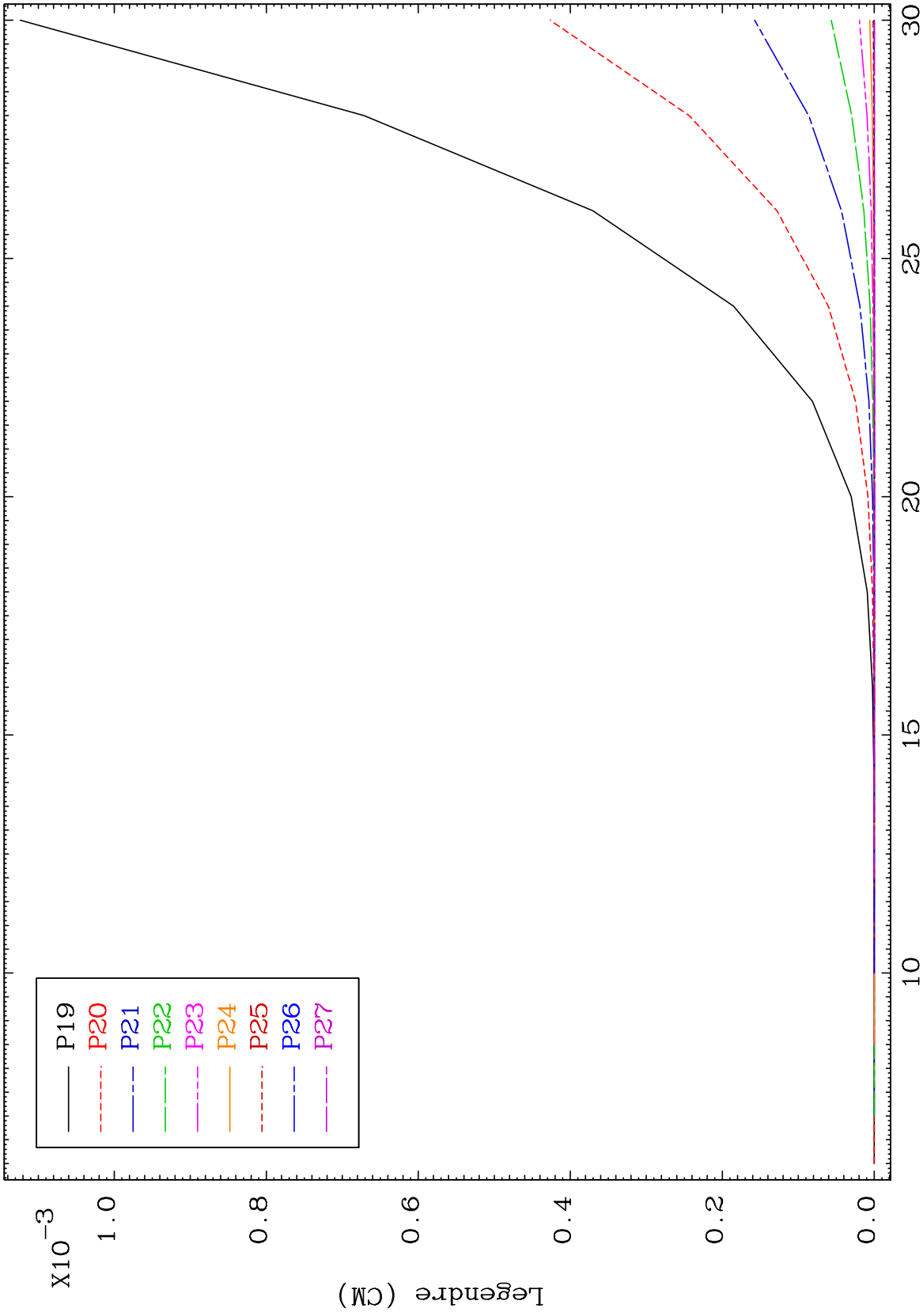
17

32-Ge-79

MAT 3252

### Elastic Legendre Coefficients

<sup>32</sup>Ge-79



18

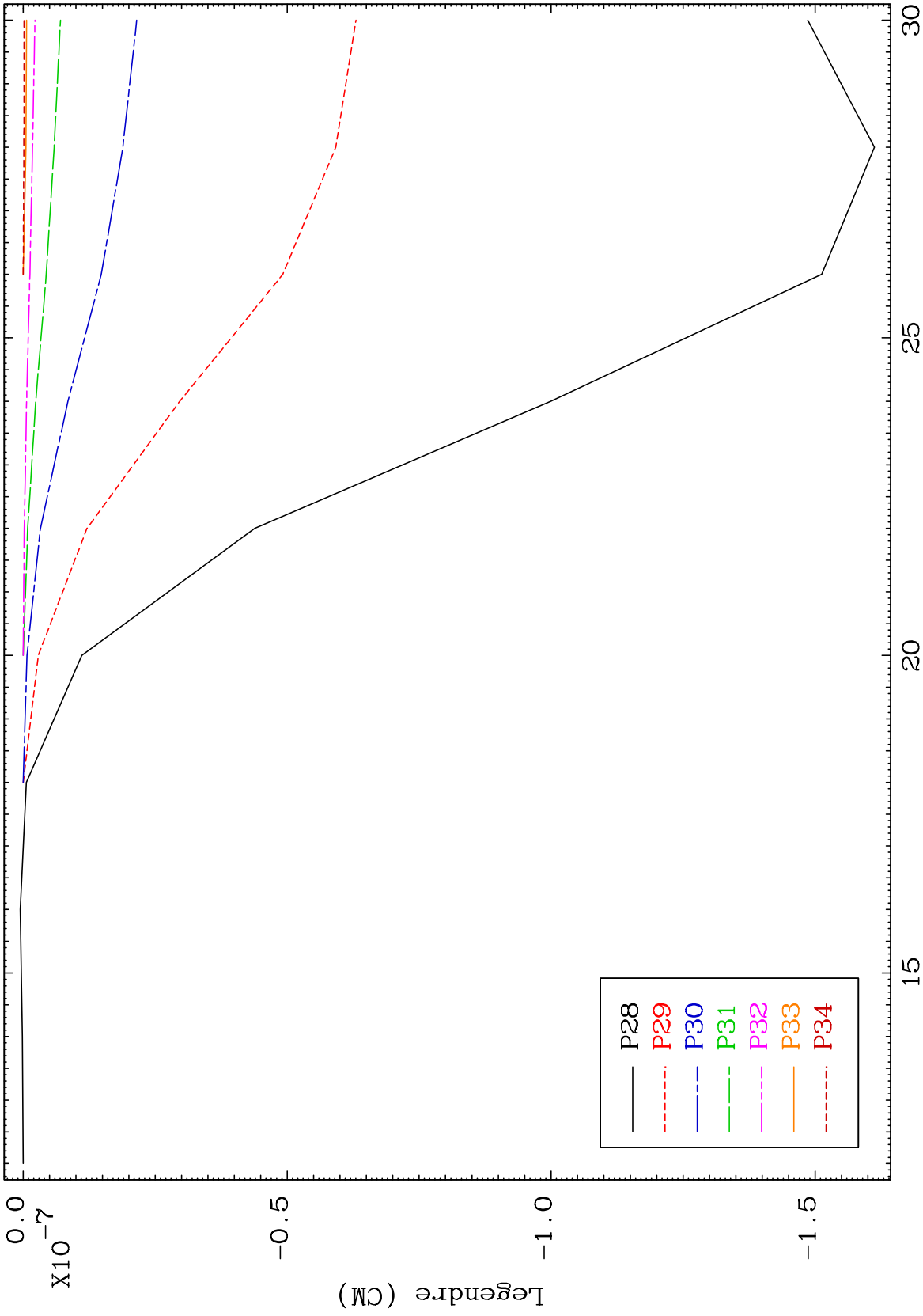
Incident Energy (MeV)

<sup>32</sup>Ge-79

MAT 3252

32-Ge-79

Elastic Legendre Coefficients



19

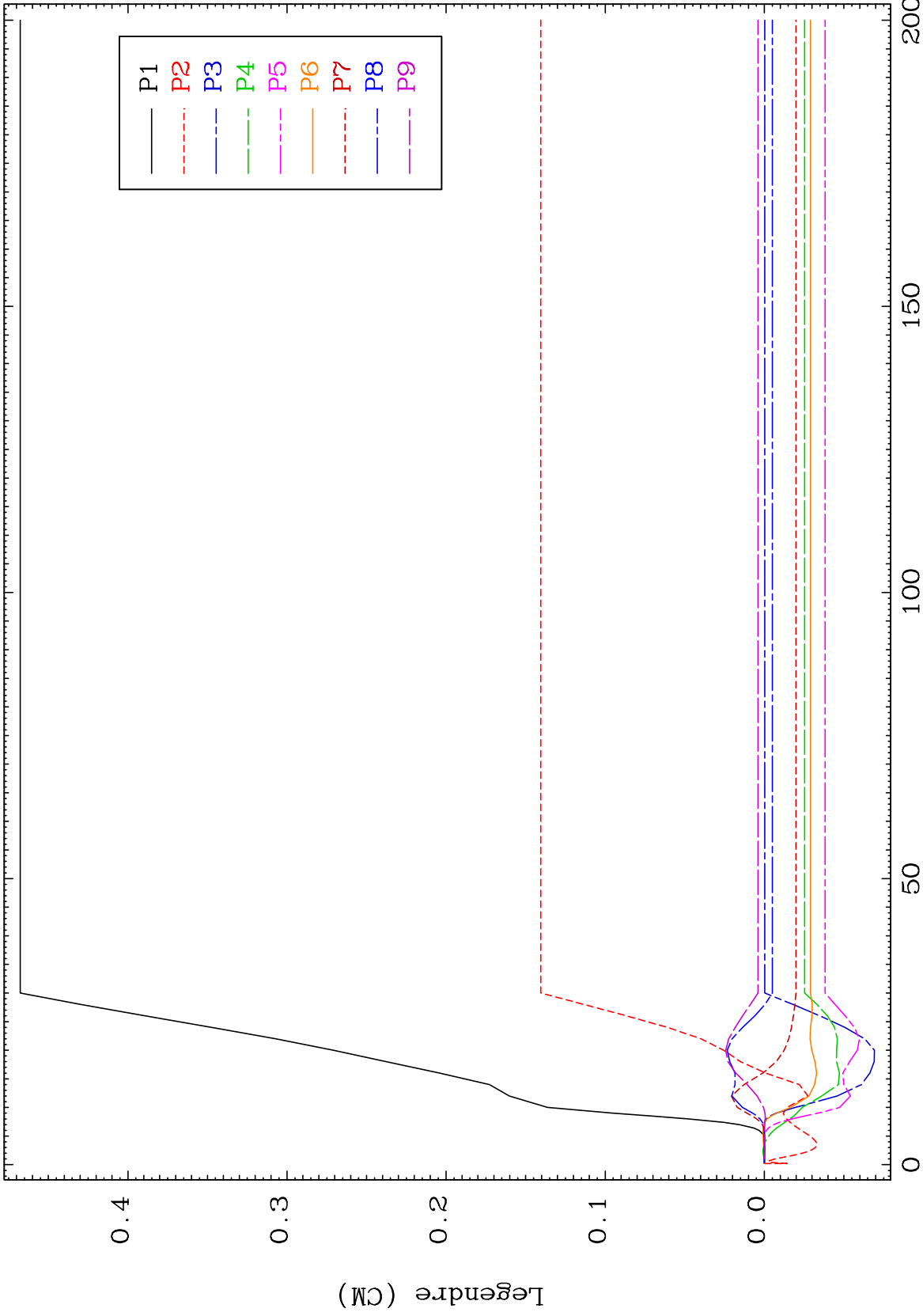
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79

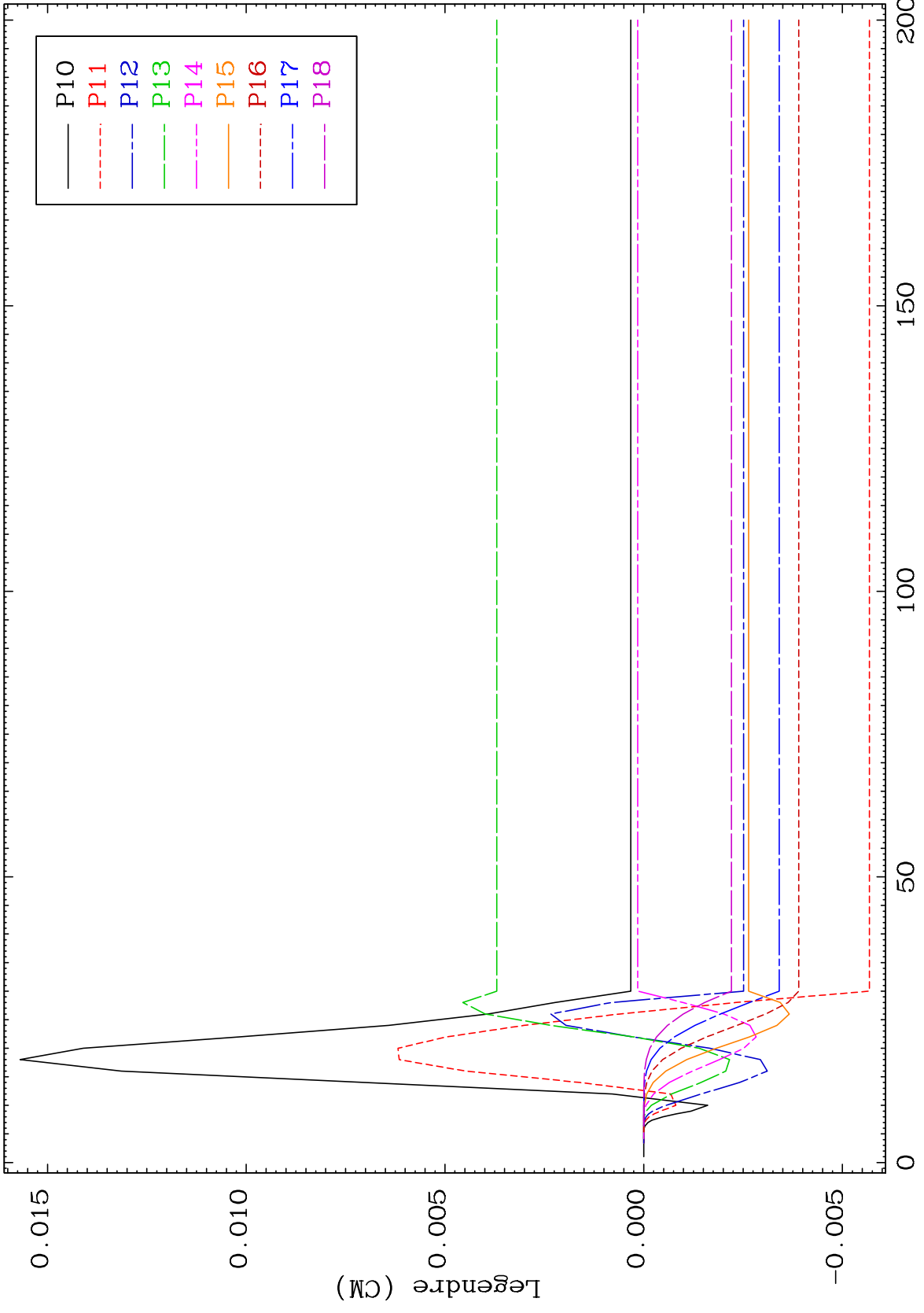


32-Ge-79

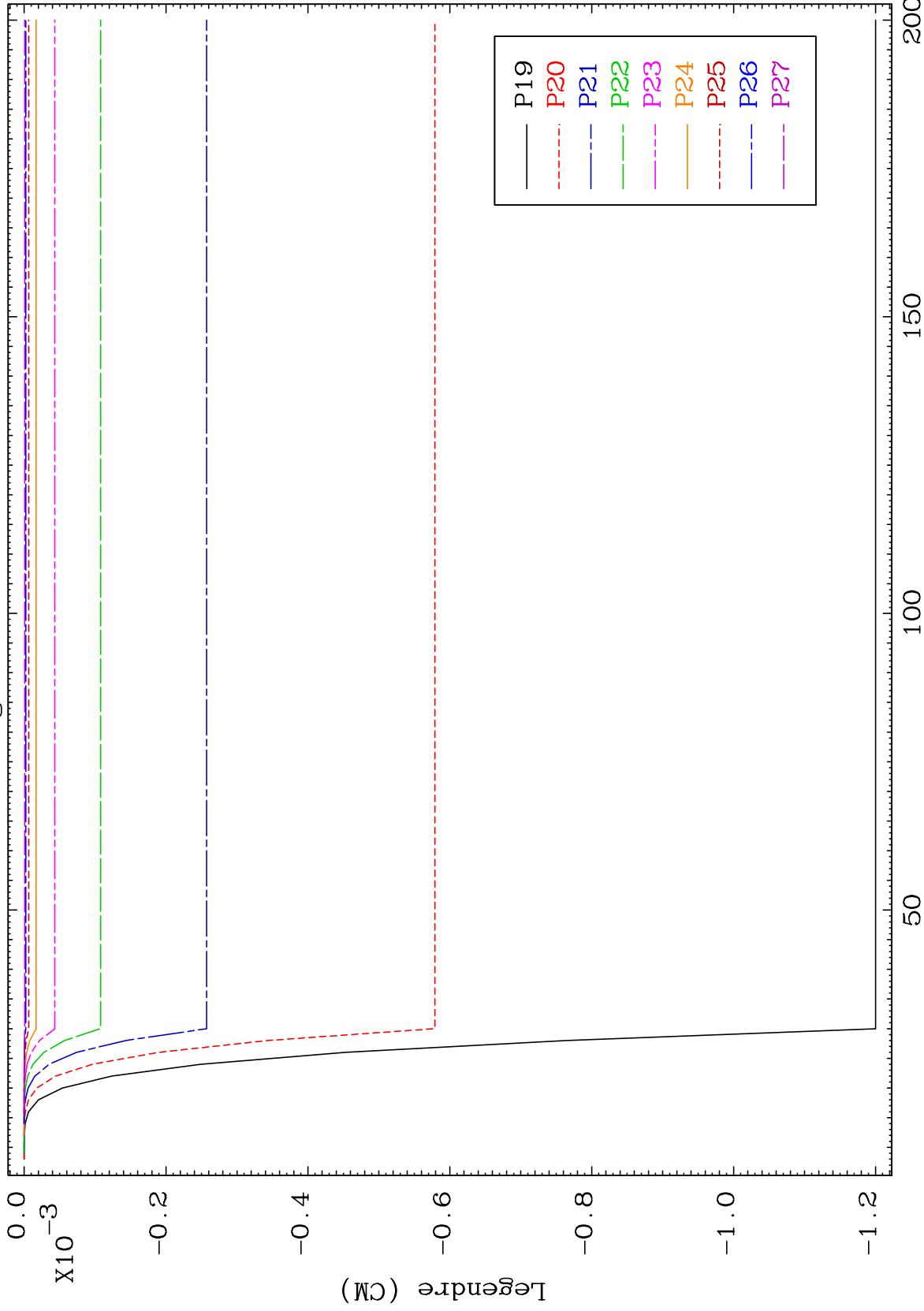
Incident Energy (MeV)

20

MAT 3252 MT= 51 (n,n') Level Legendre Coefficients 32-Ge-79



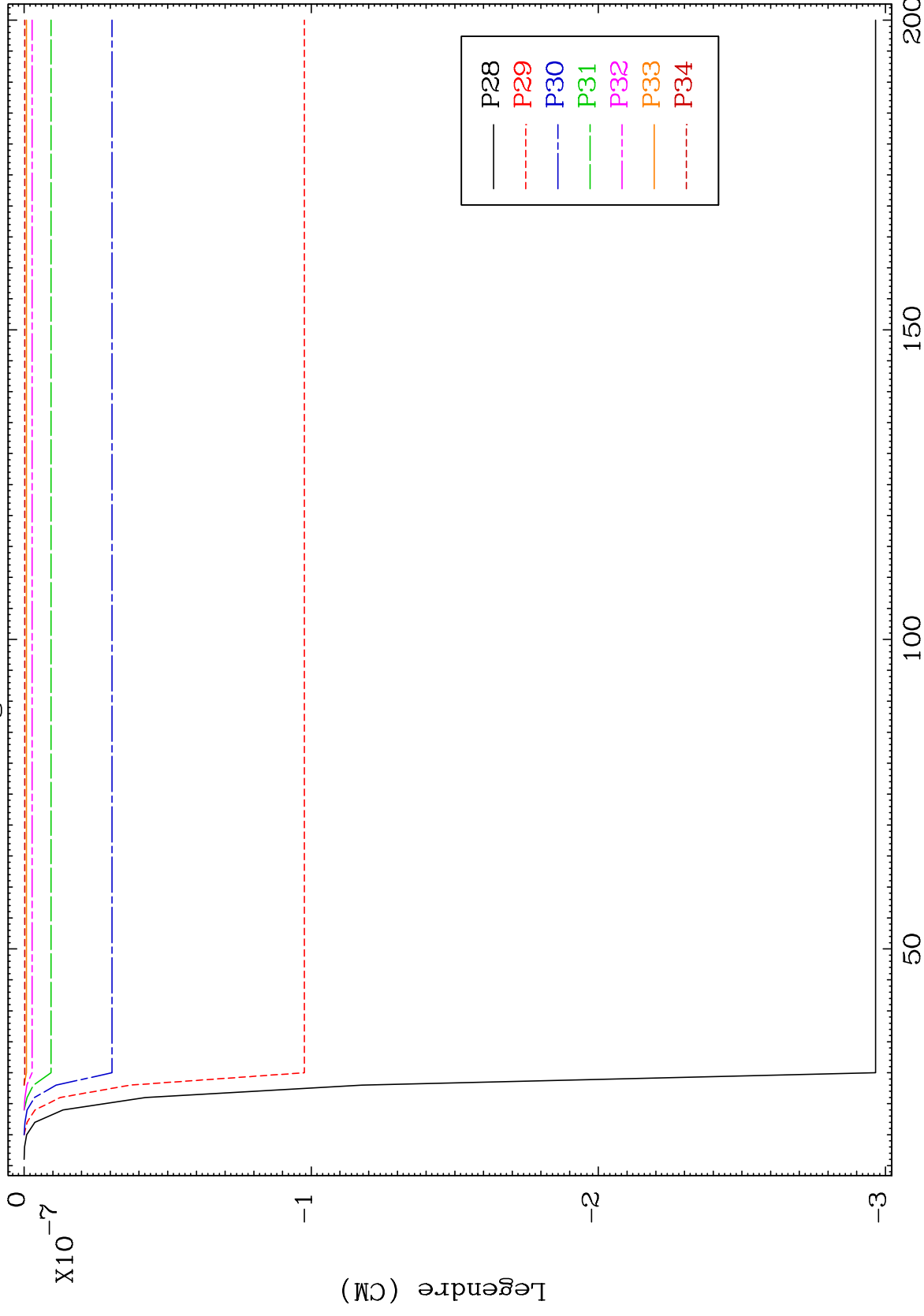
21 32-Ge-79



MAT 3252

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

32-Ge-79



32-Ge-79

Incident Energy (MeV)

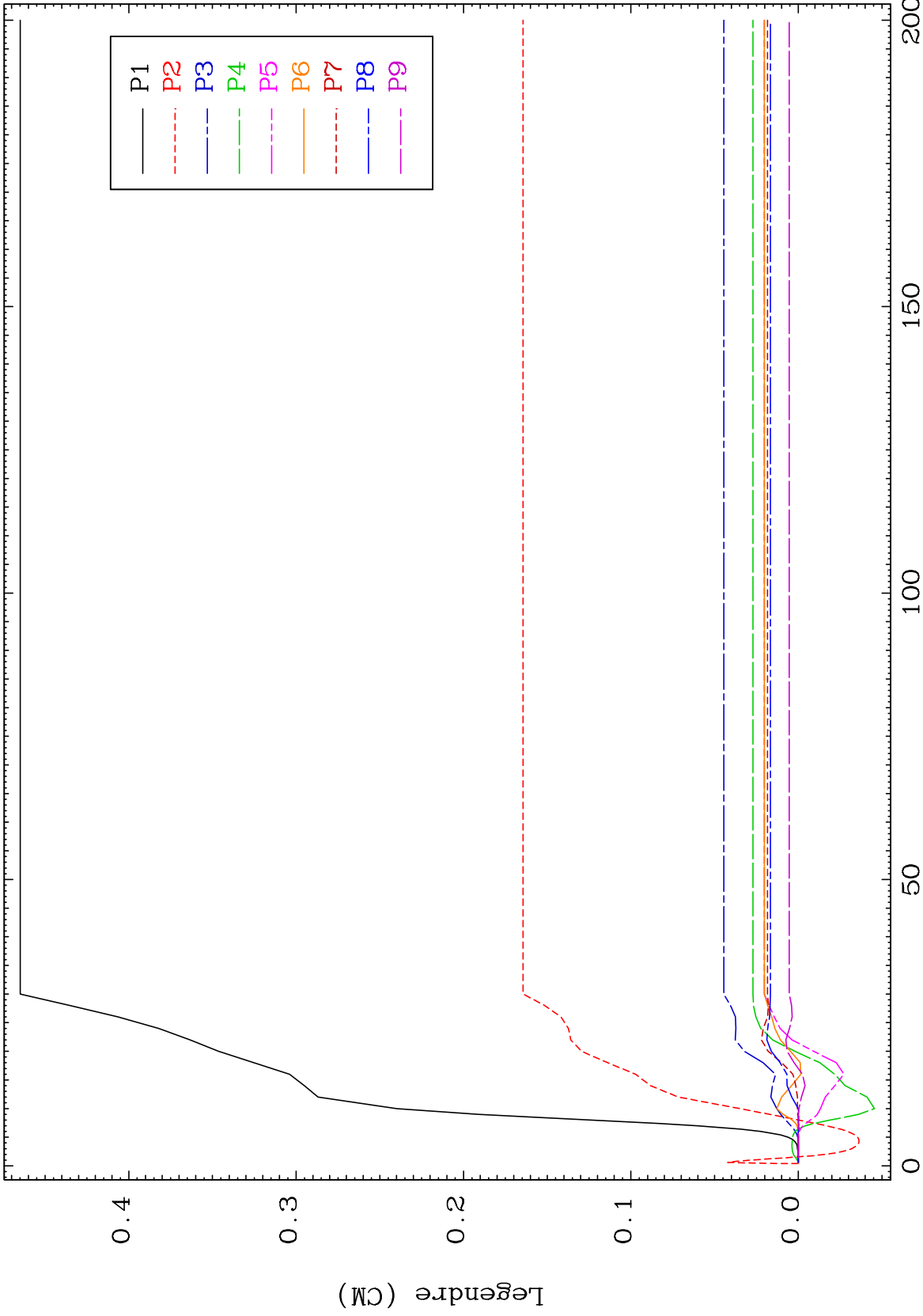
23



MAT 3252

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

32-Ge-79



24

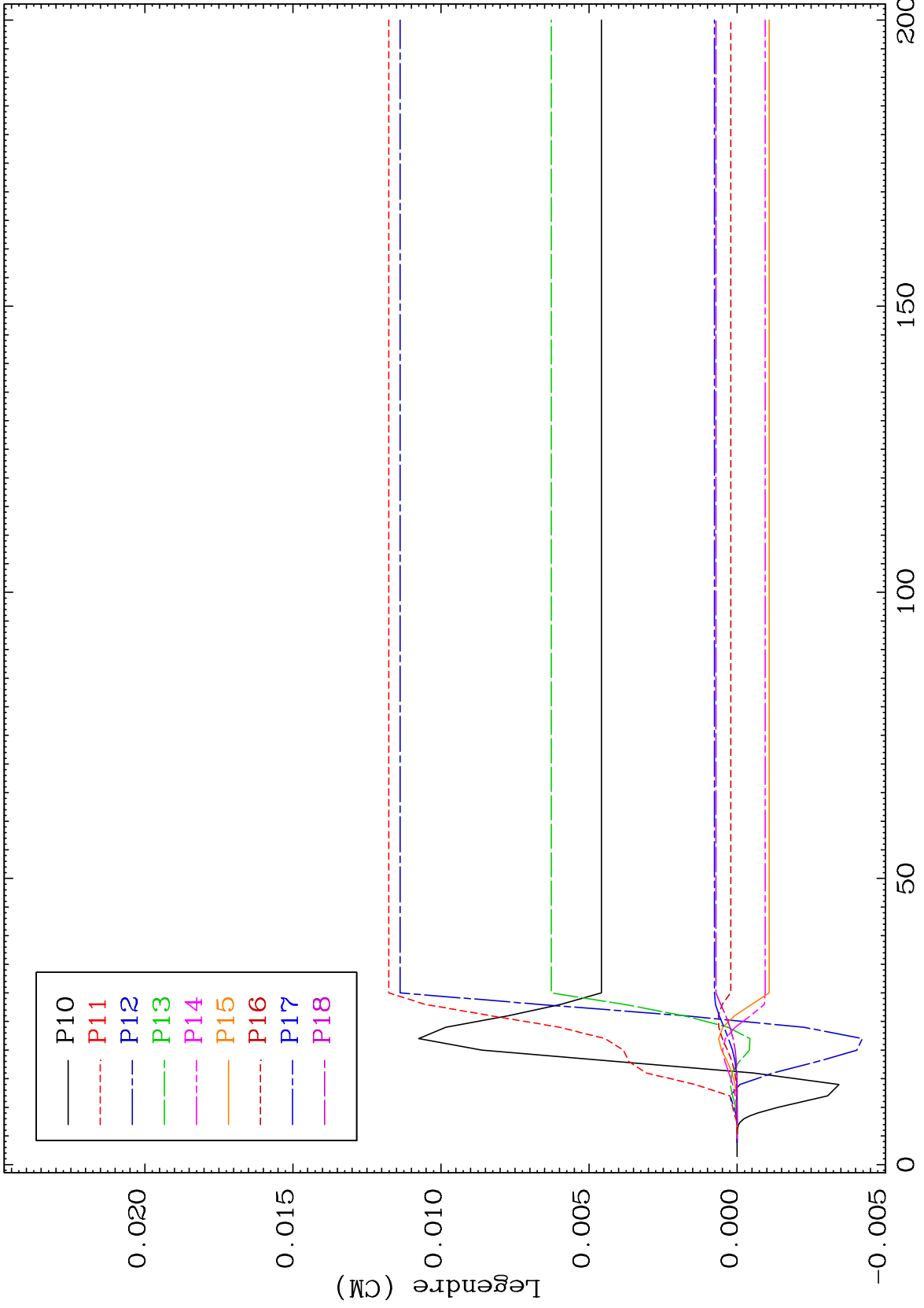
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



25

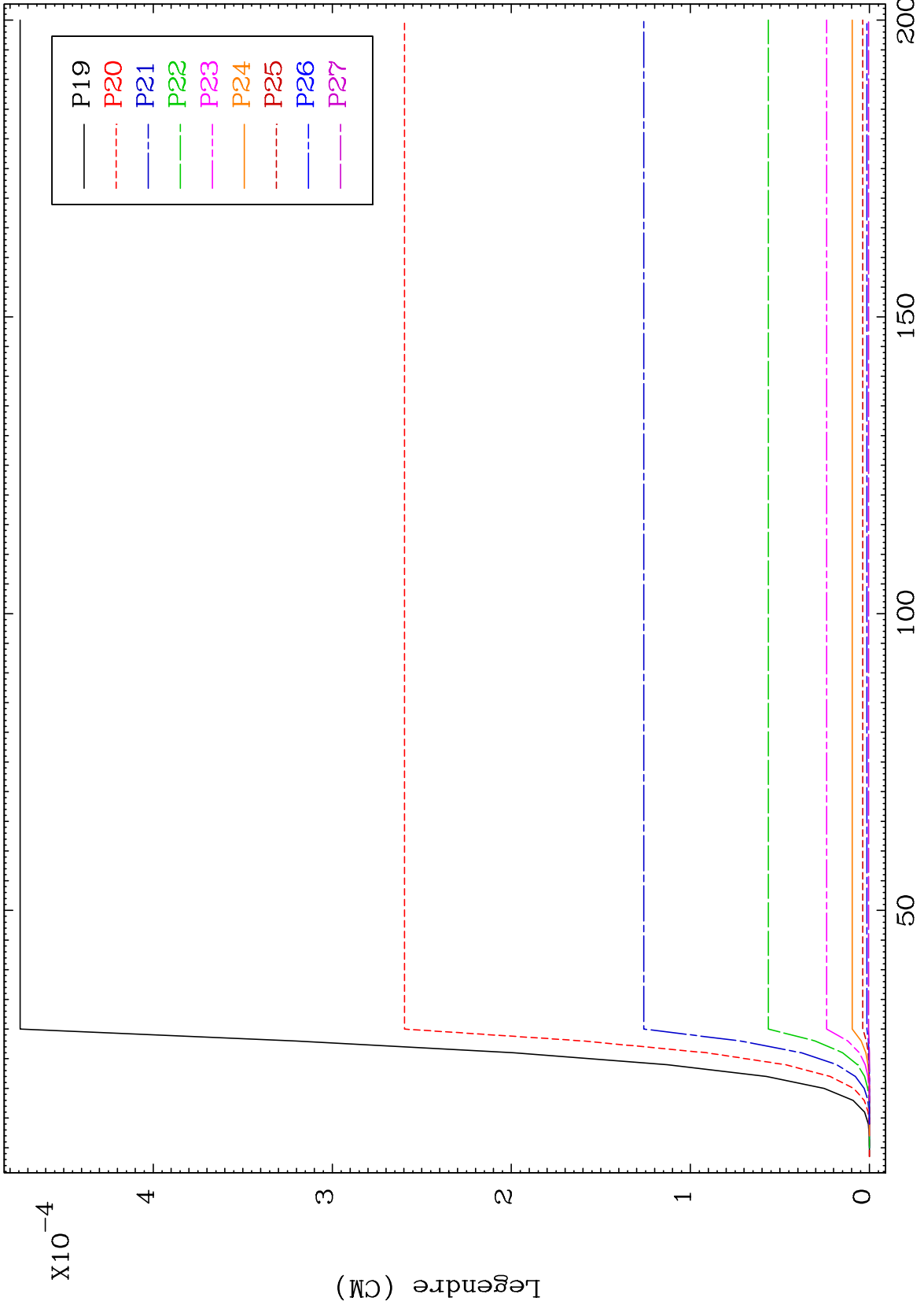
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



26

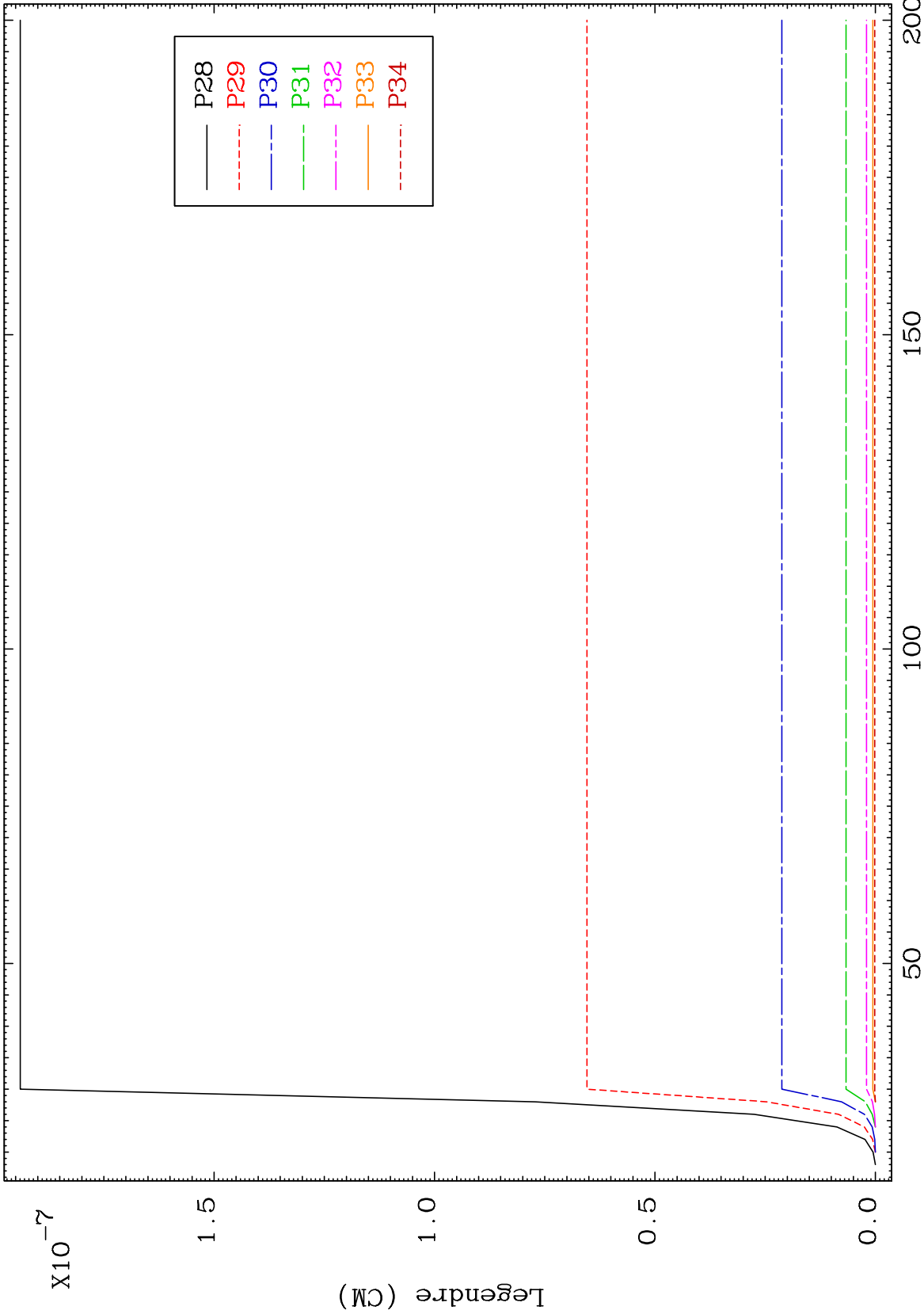
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



27

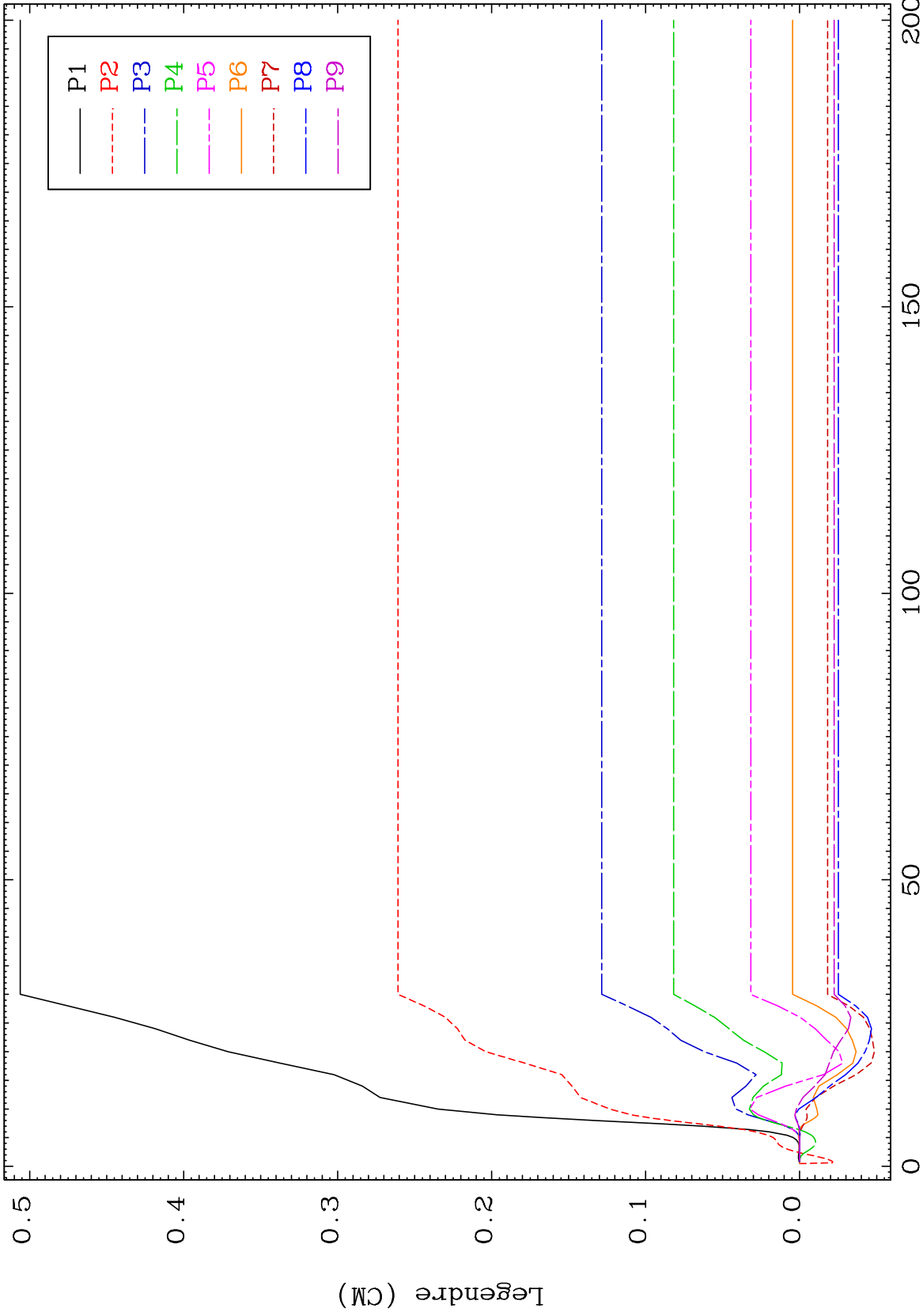
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



28

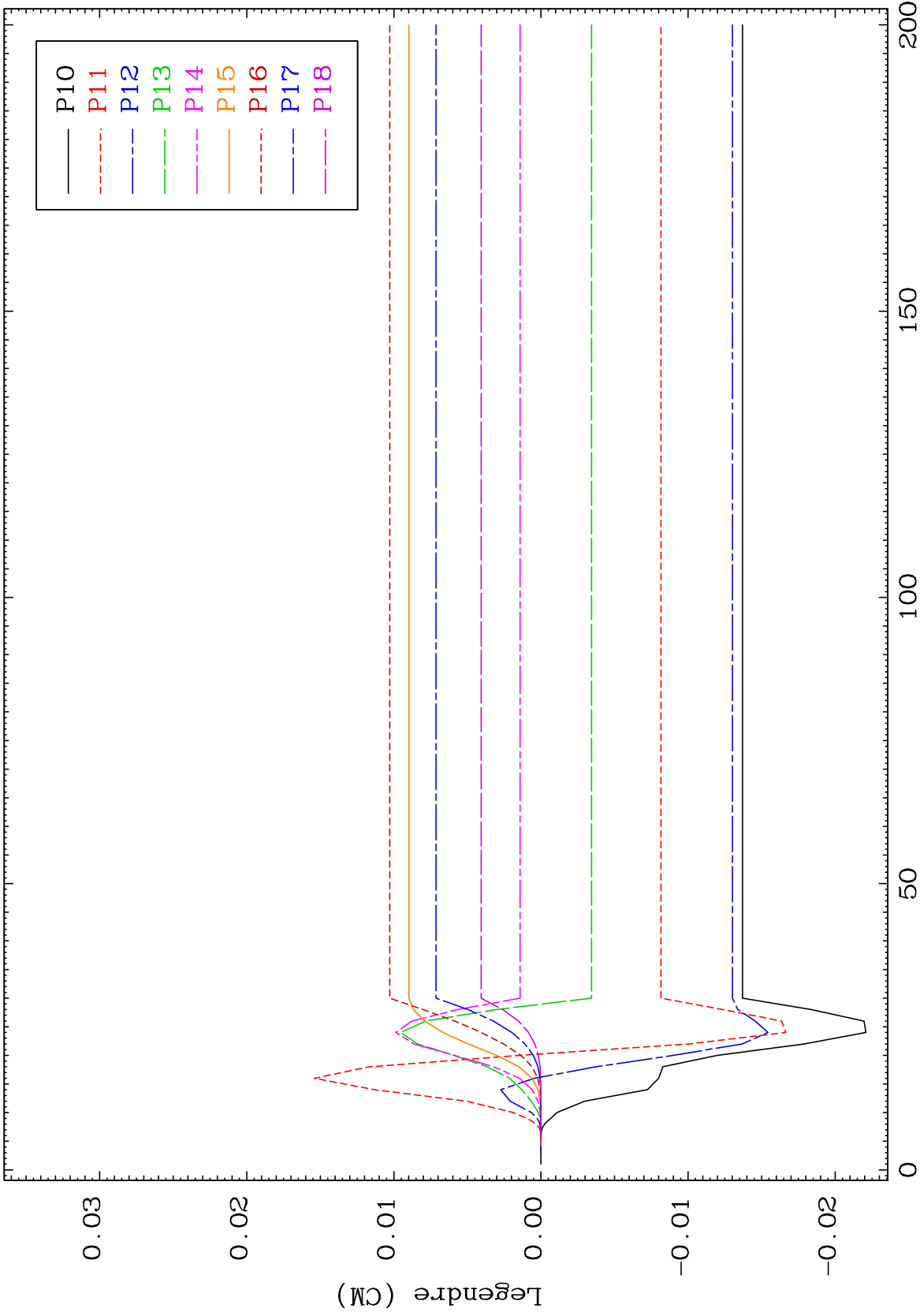
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



29

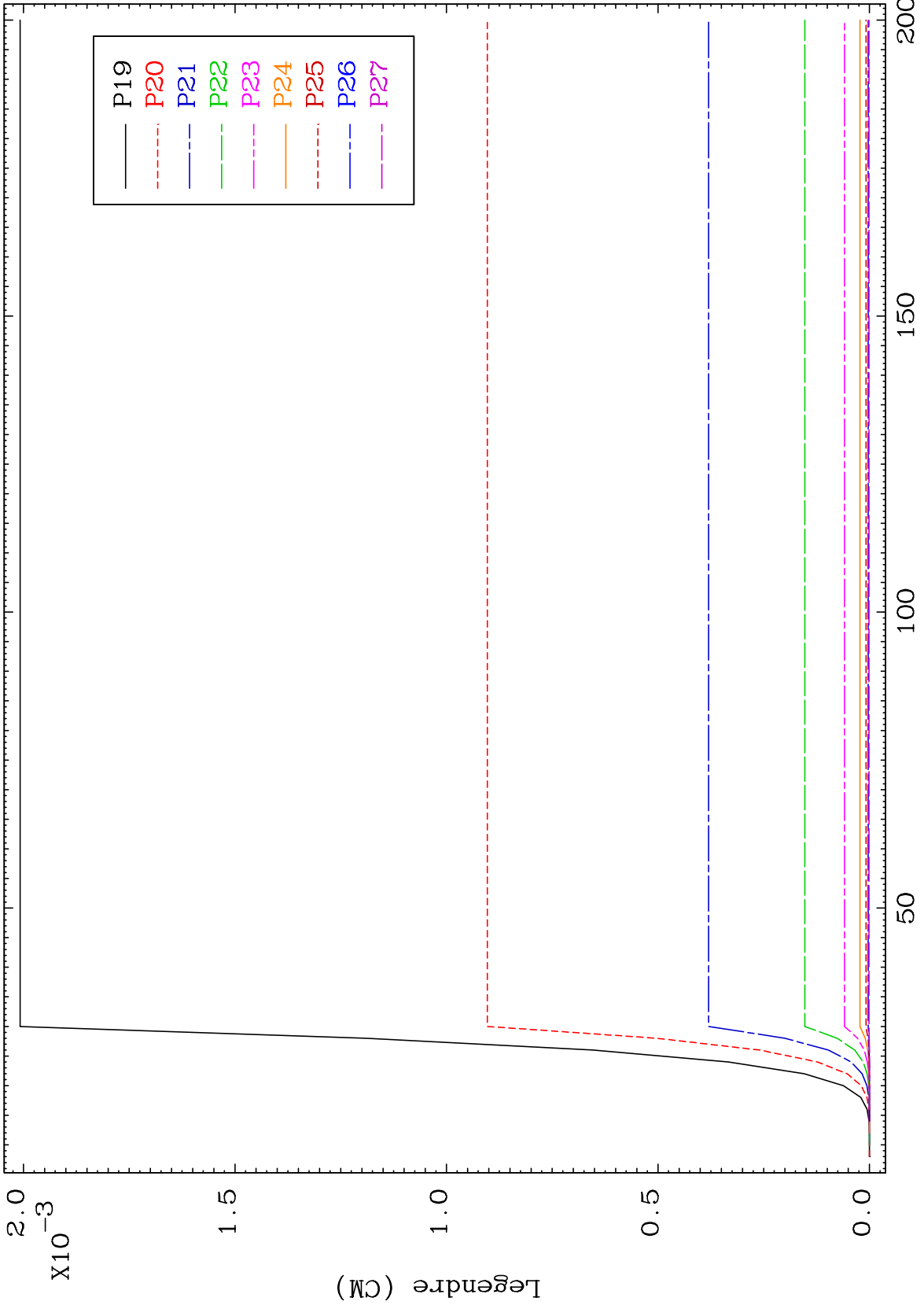
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



30

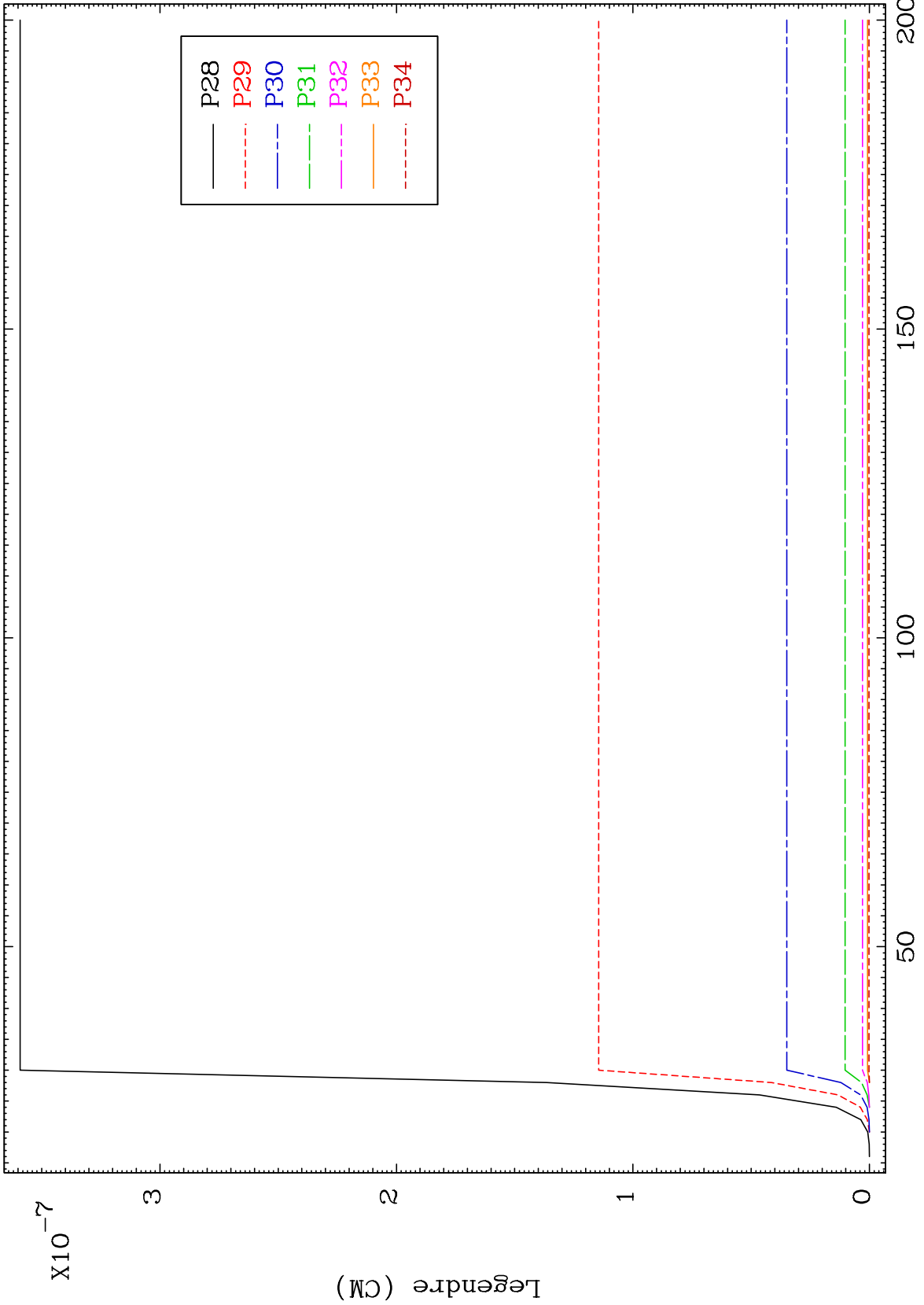
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



31

Incident Energy (MeV)

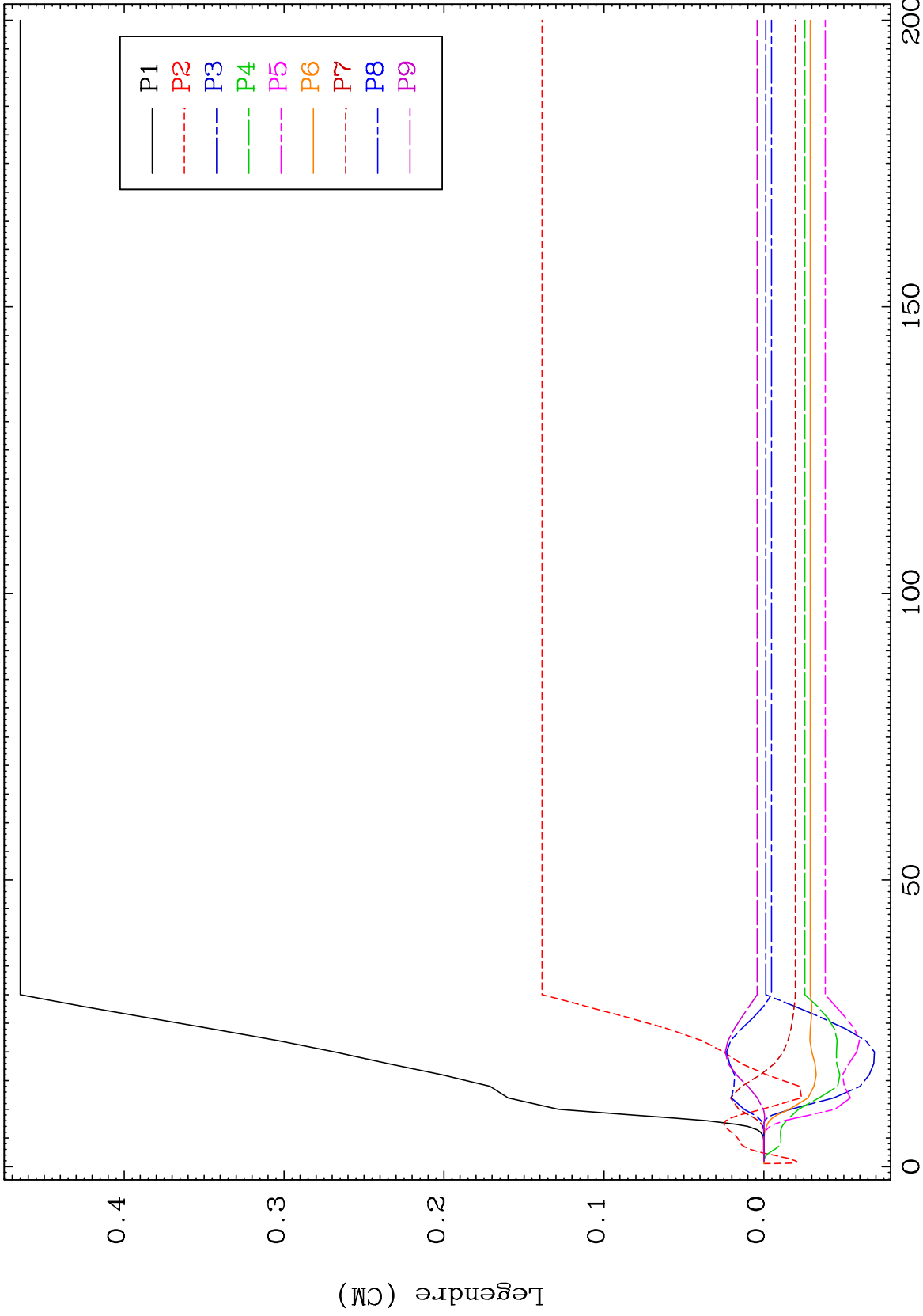
32-Ge-79



MAT 3252

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

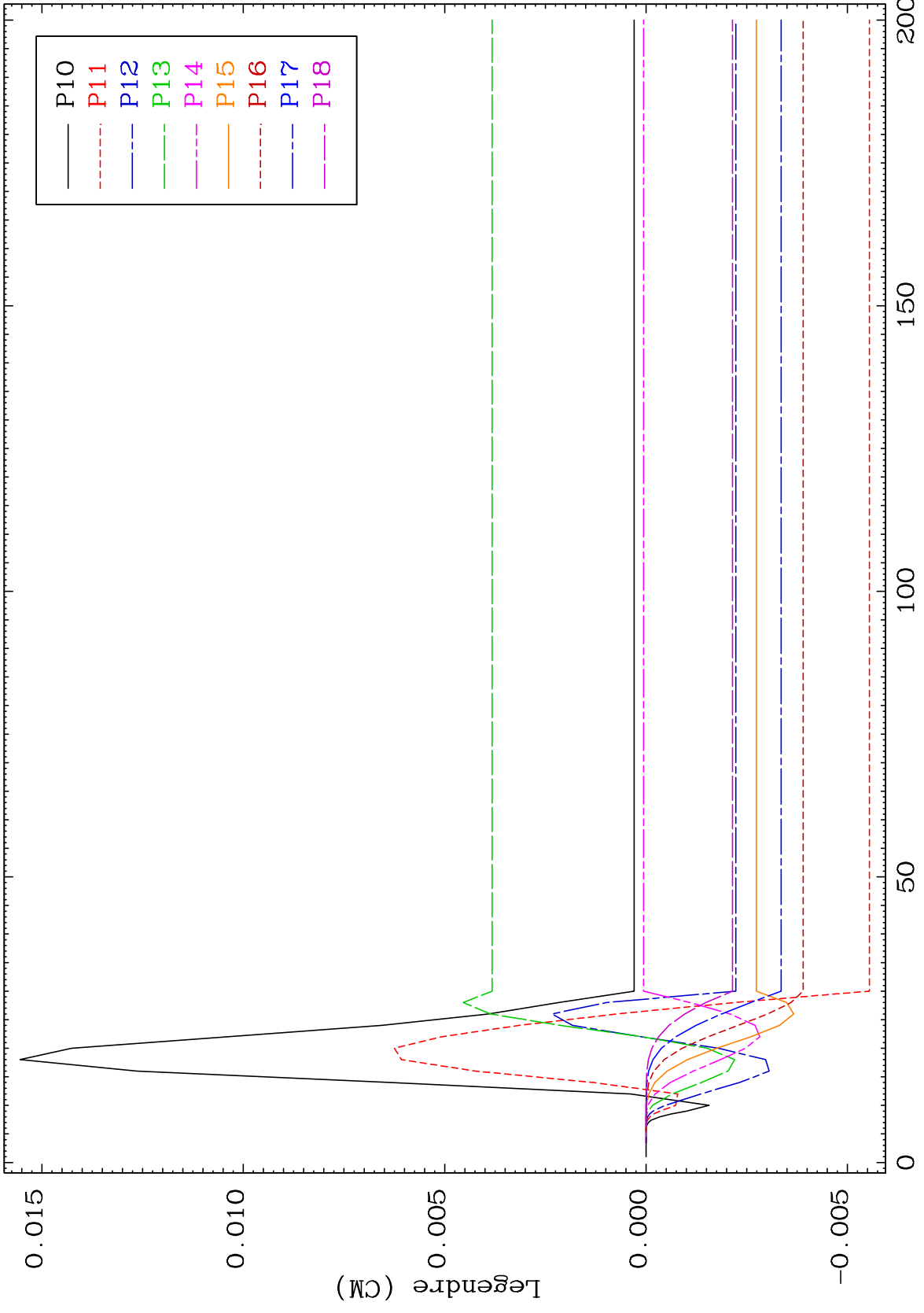
32-Ge-79



32

Incident Energy (MeV)

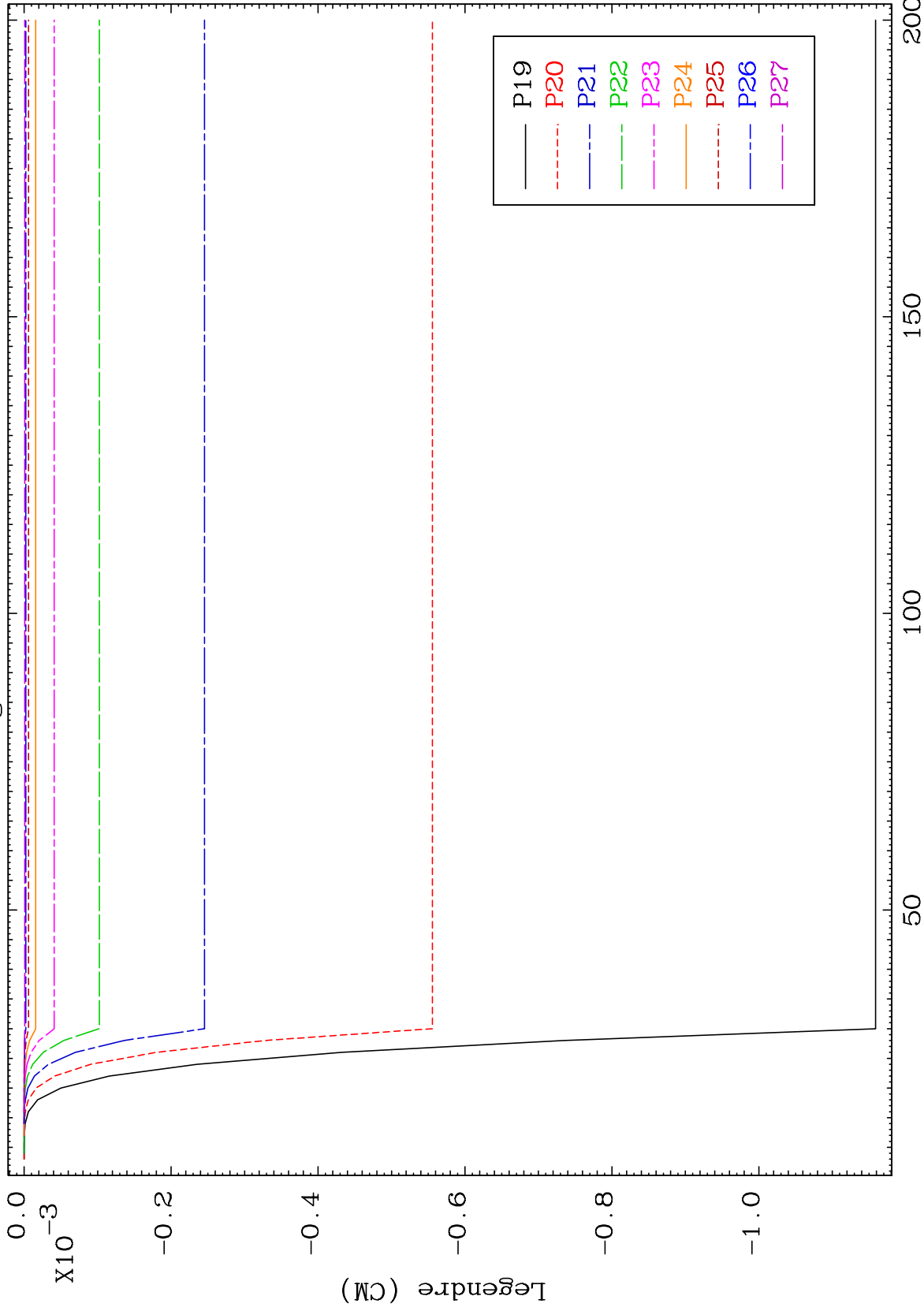
32-Ge-79



MAT 3252

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

32-Ge-79



32-Ge-79

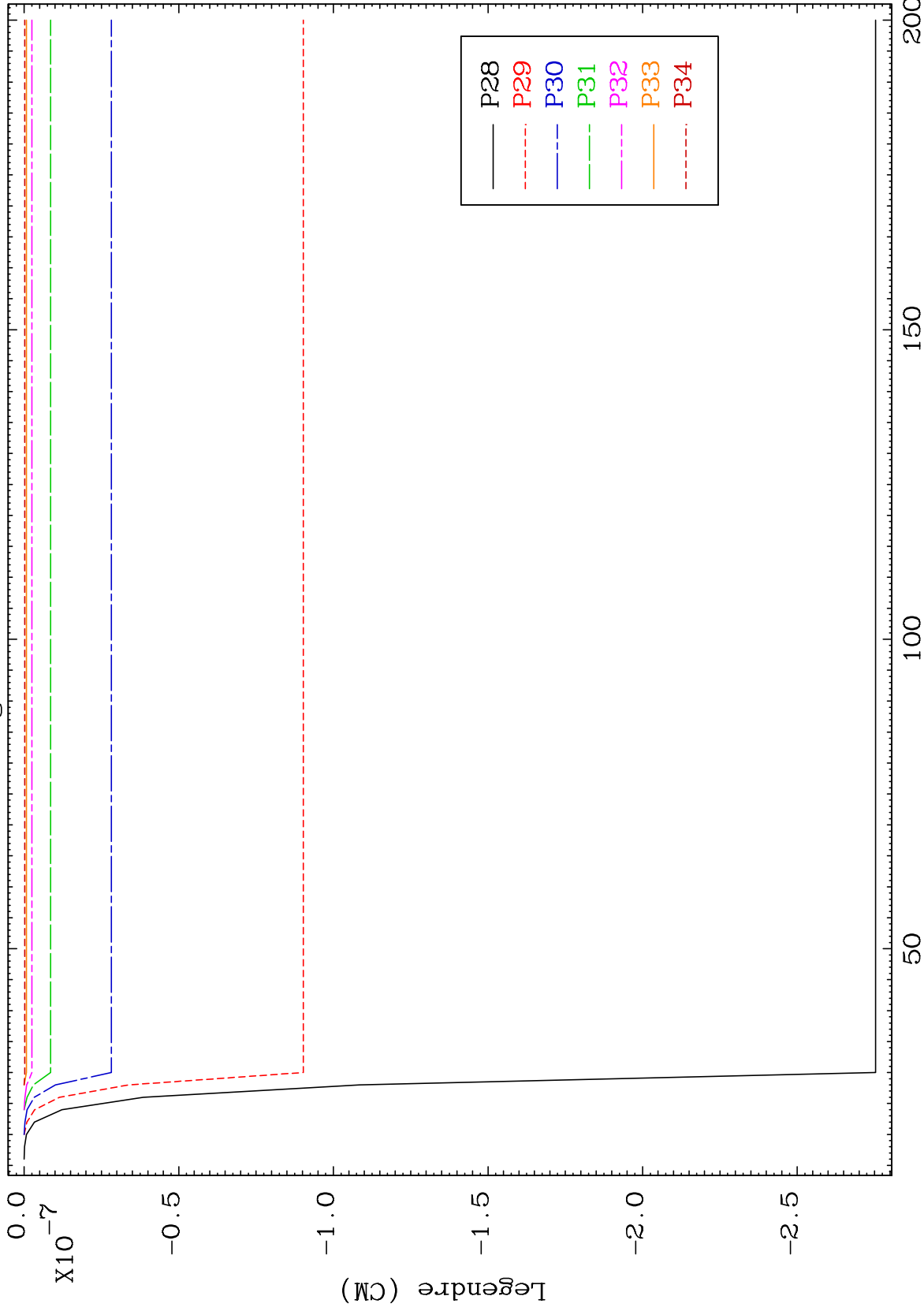
Incident Energy (MeV)

34

MAT 3252

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

32-Ge-79



32-Ge-79

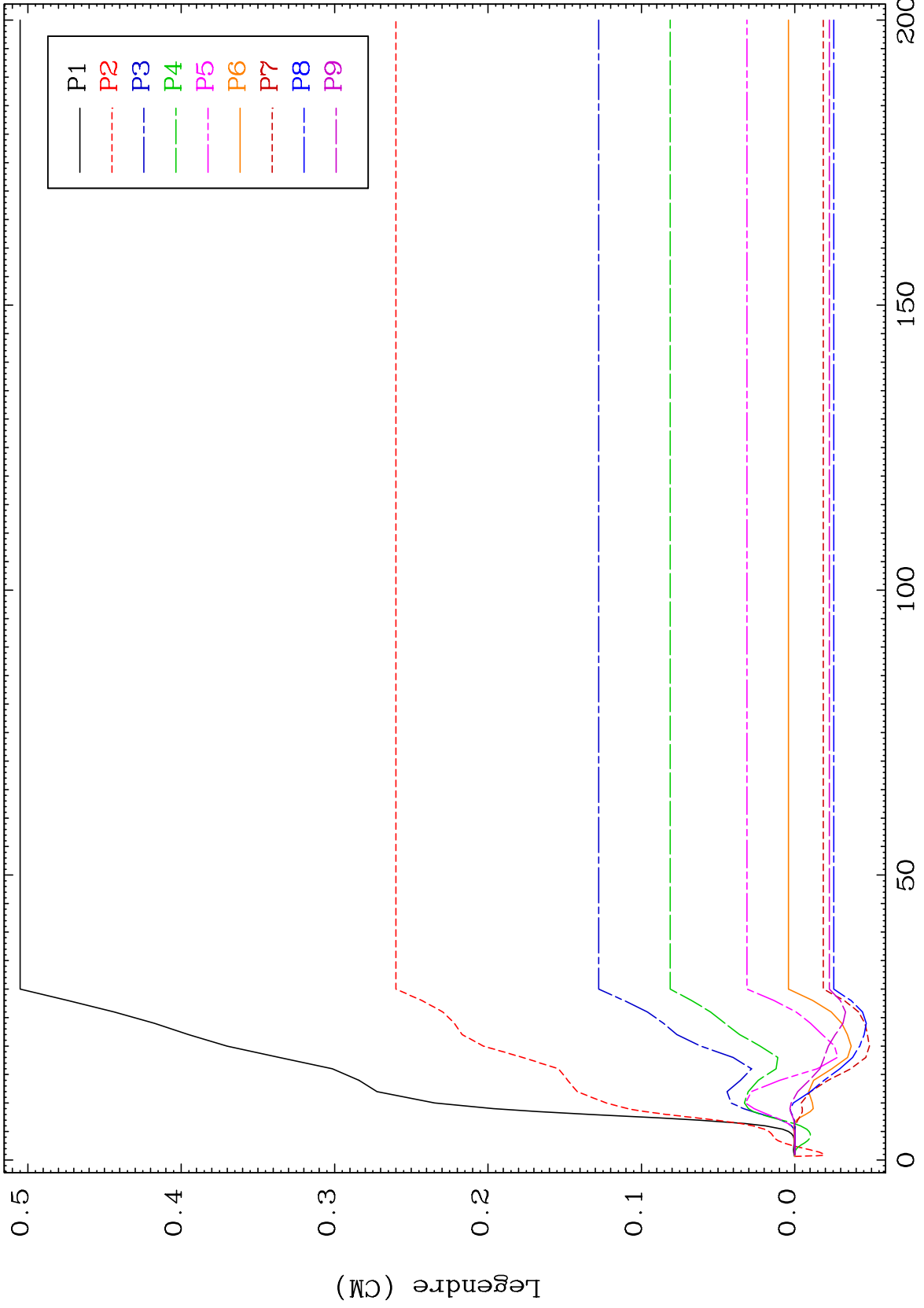
Incident Energy (MeV)

35

MAT 3252

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

32-Ge-79



36

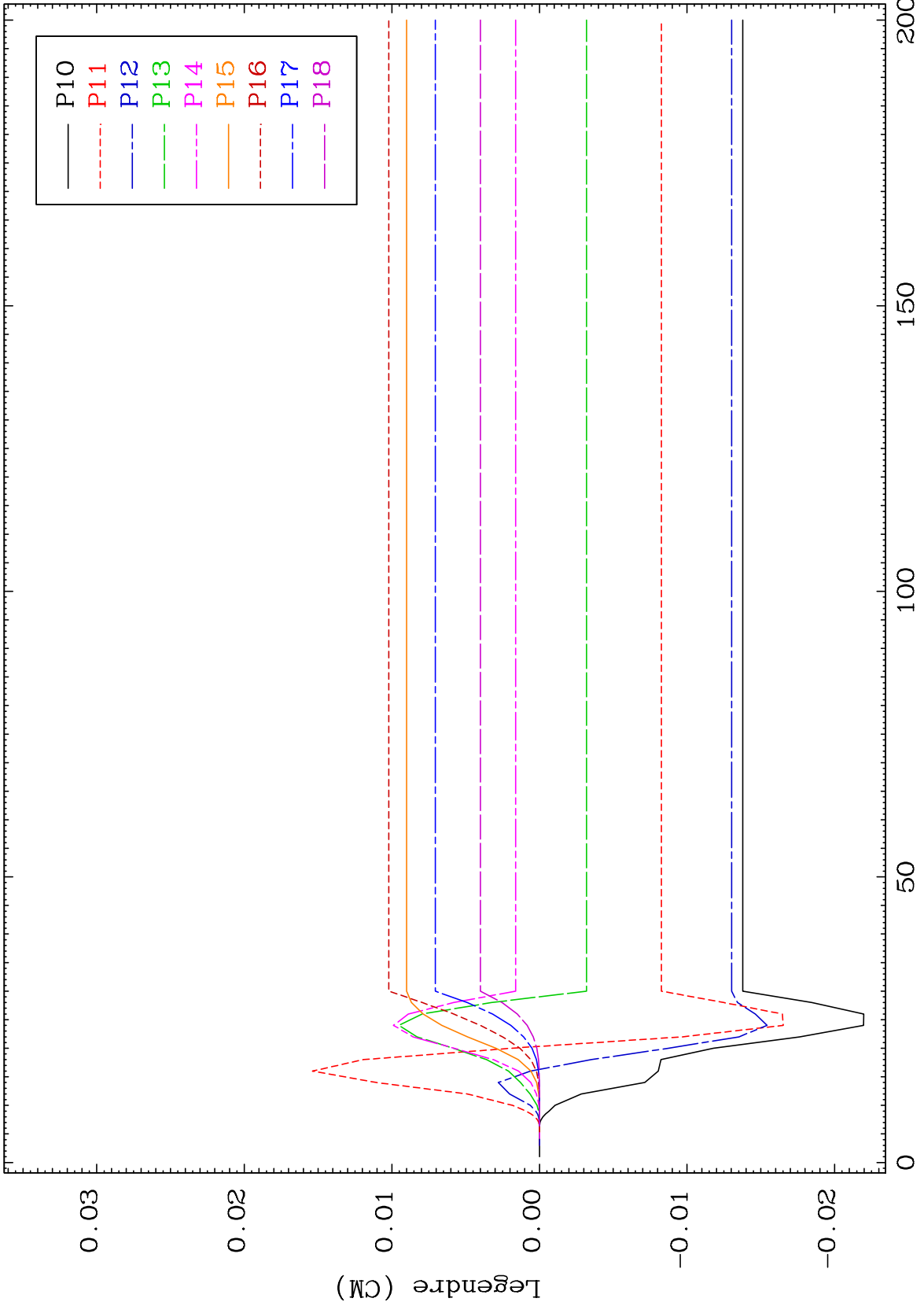
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

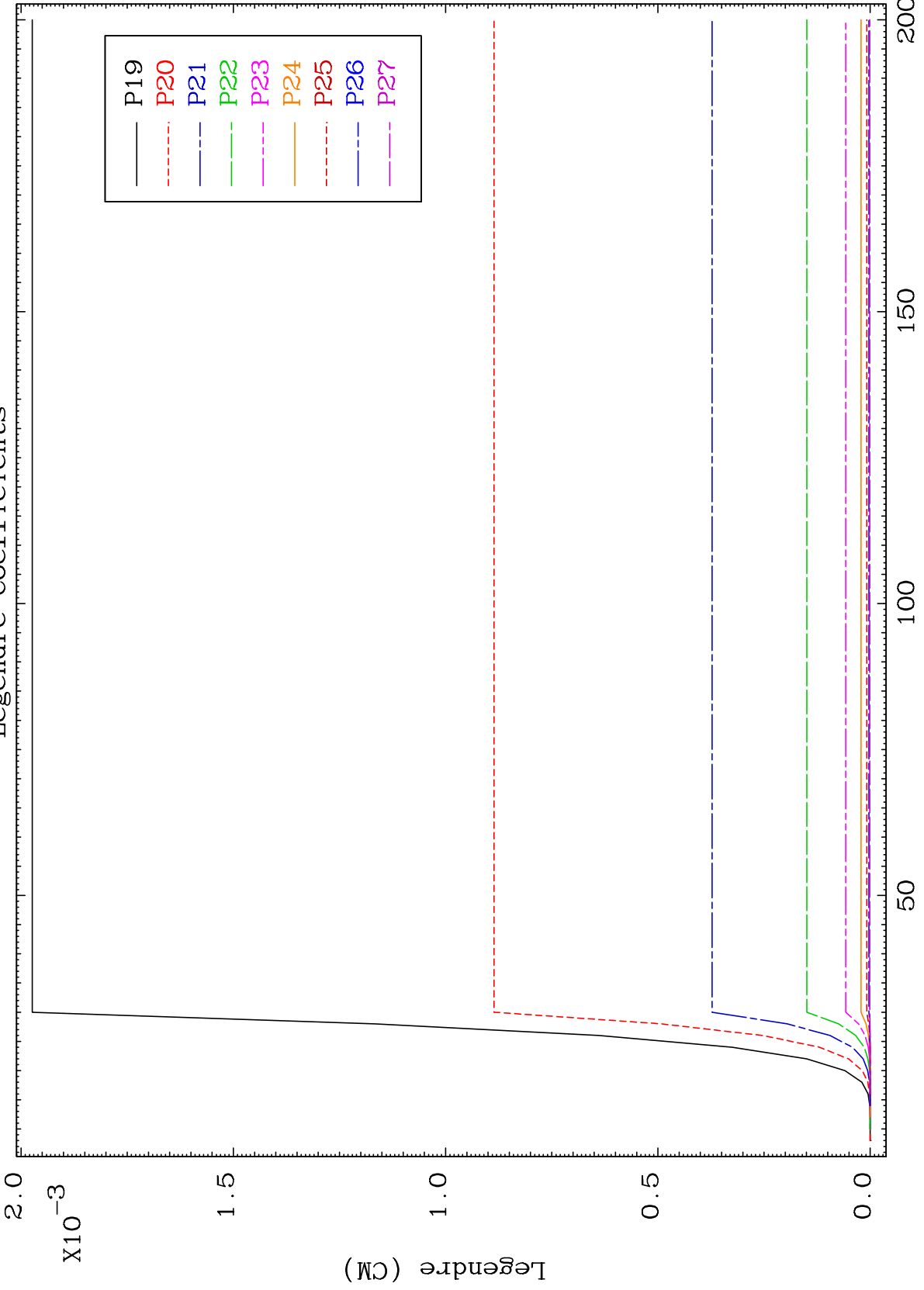
32-Ge-79



37

Incident Energy (MeV)

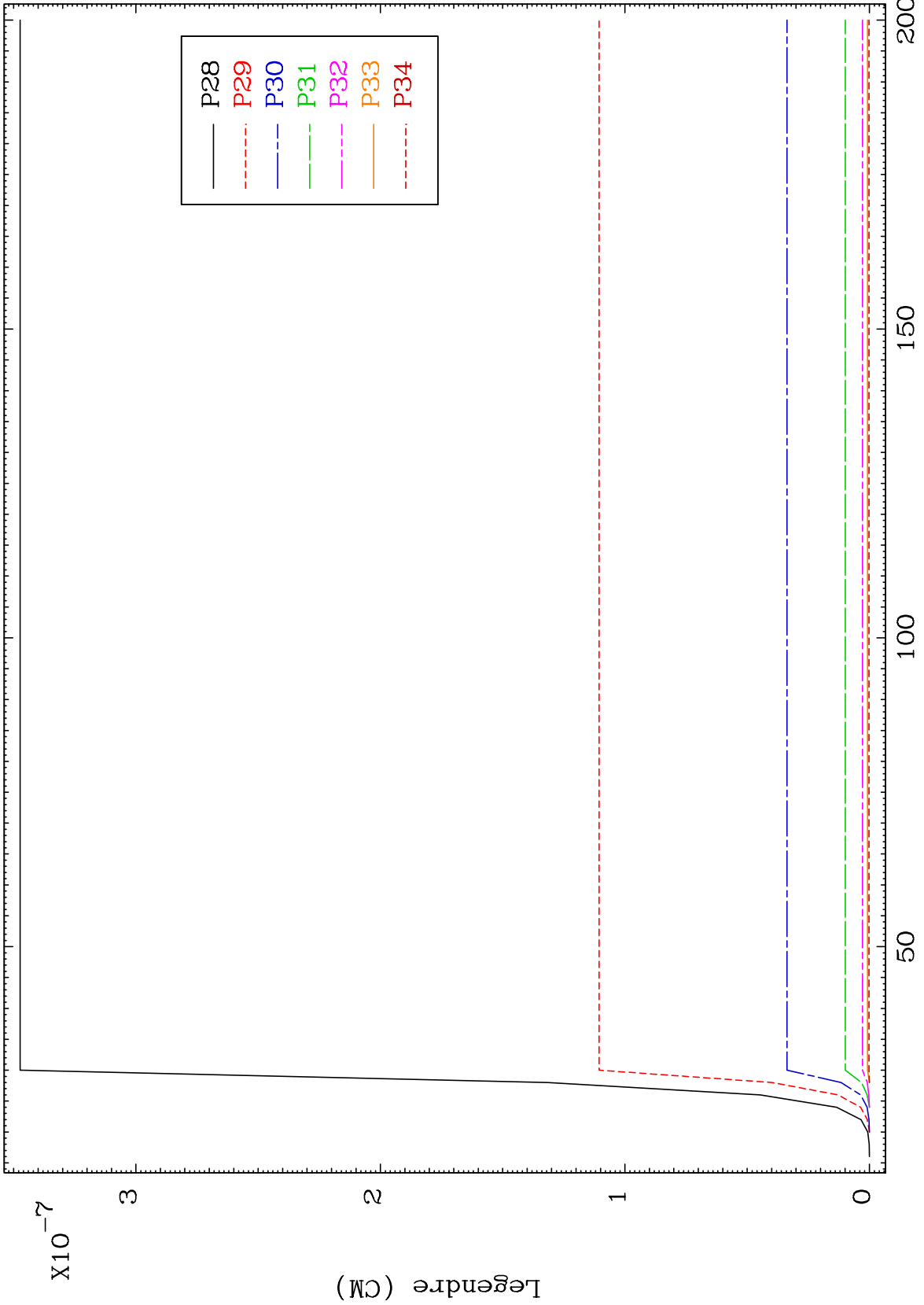
32-Ge-79



MAT 3252

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

32-Ge-79



39

Incident Energy (MeV)

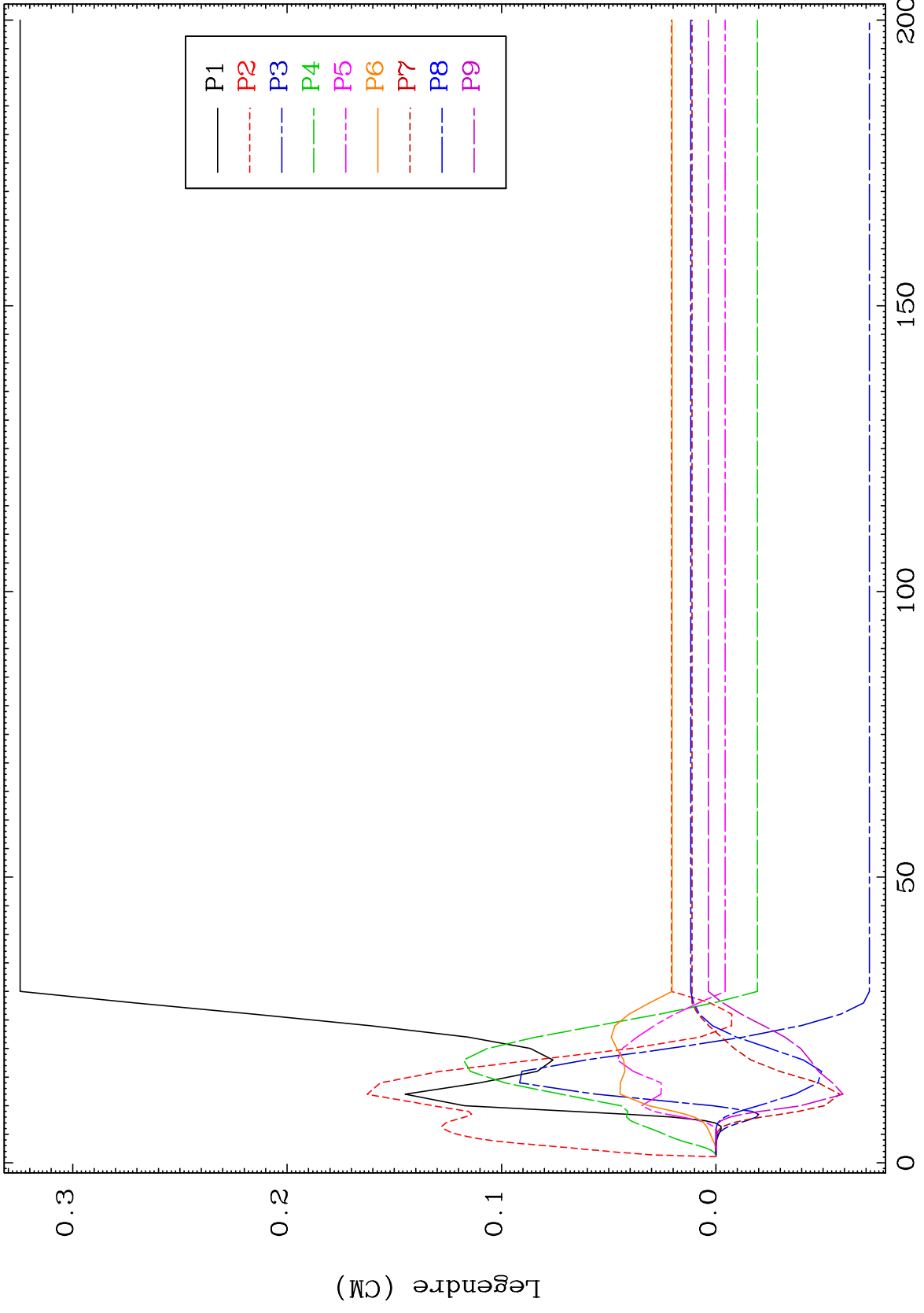
32-Ge-79



MAT 3252

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

32-Ge-79



32-Ge-79

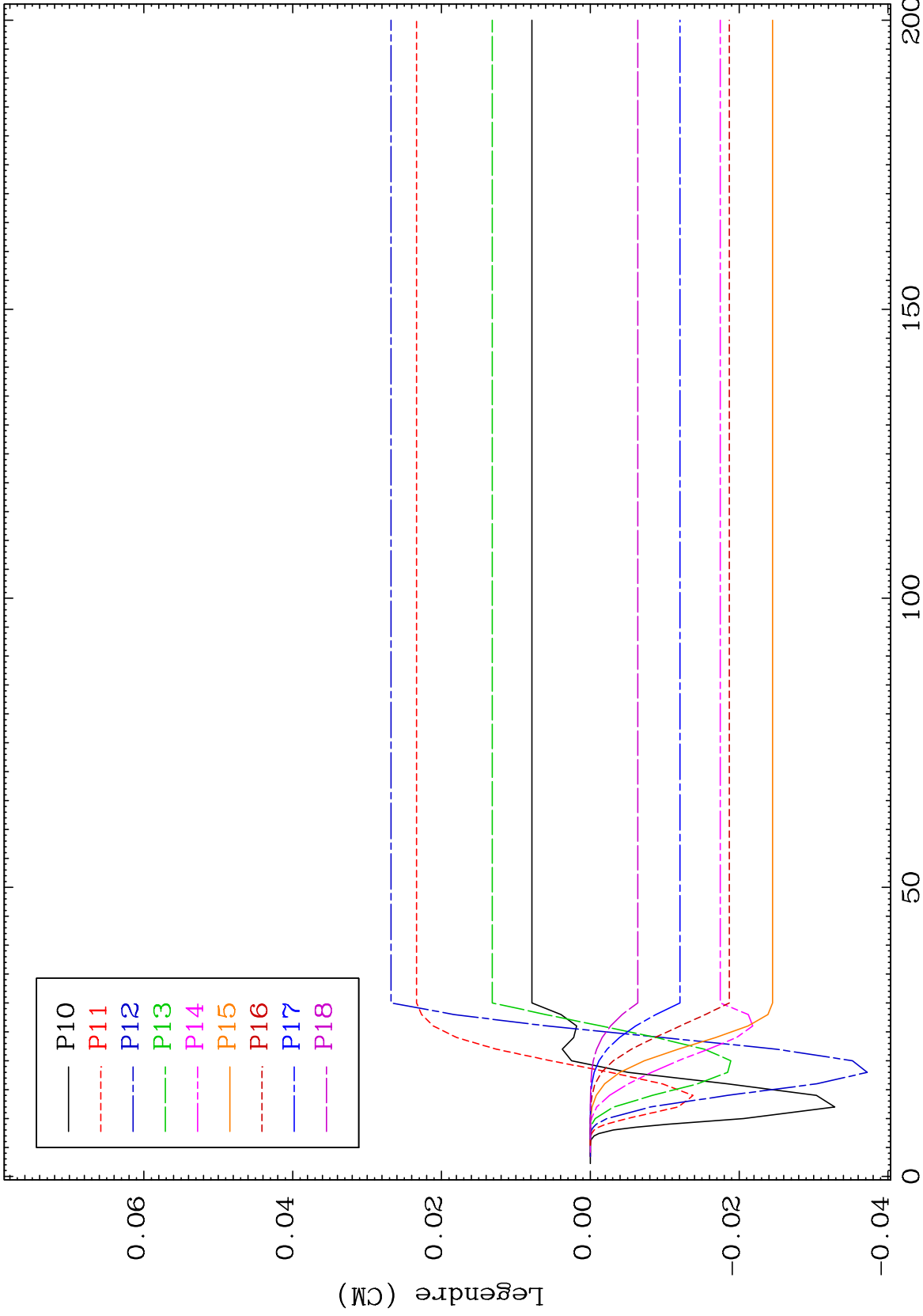
Incident Energy (MeV)

40

MAT 3252

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

32-Ge-79

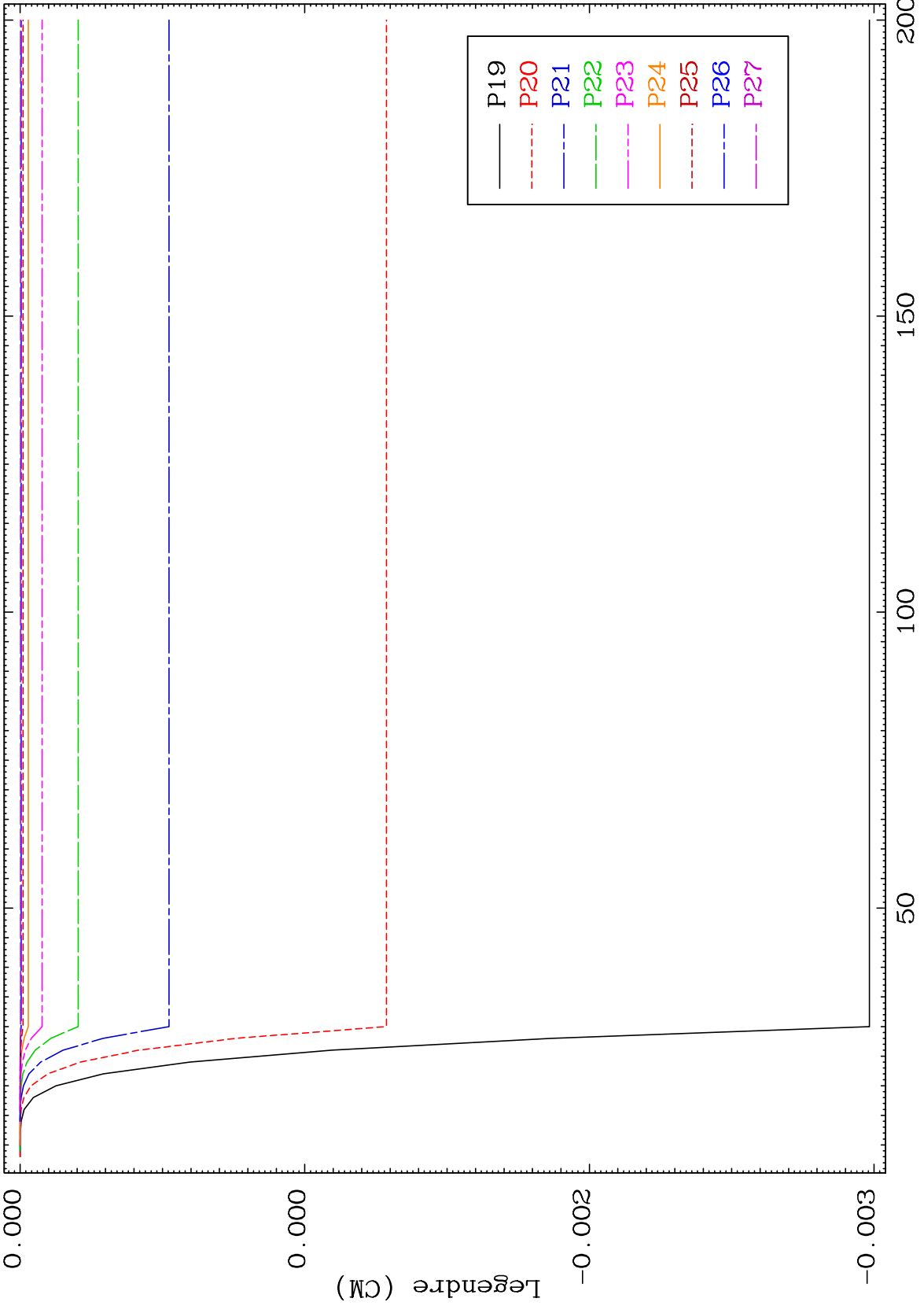


41

Incident Energy (MeV)

32-Ge-79

MAT 3252 MT= 56 (n,n') Level Legendre Coefficients 32-Ge-79

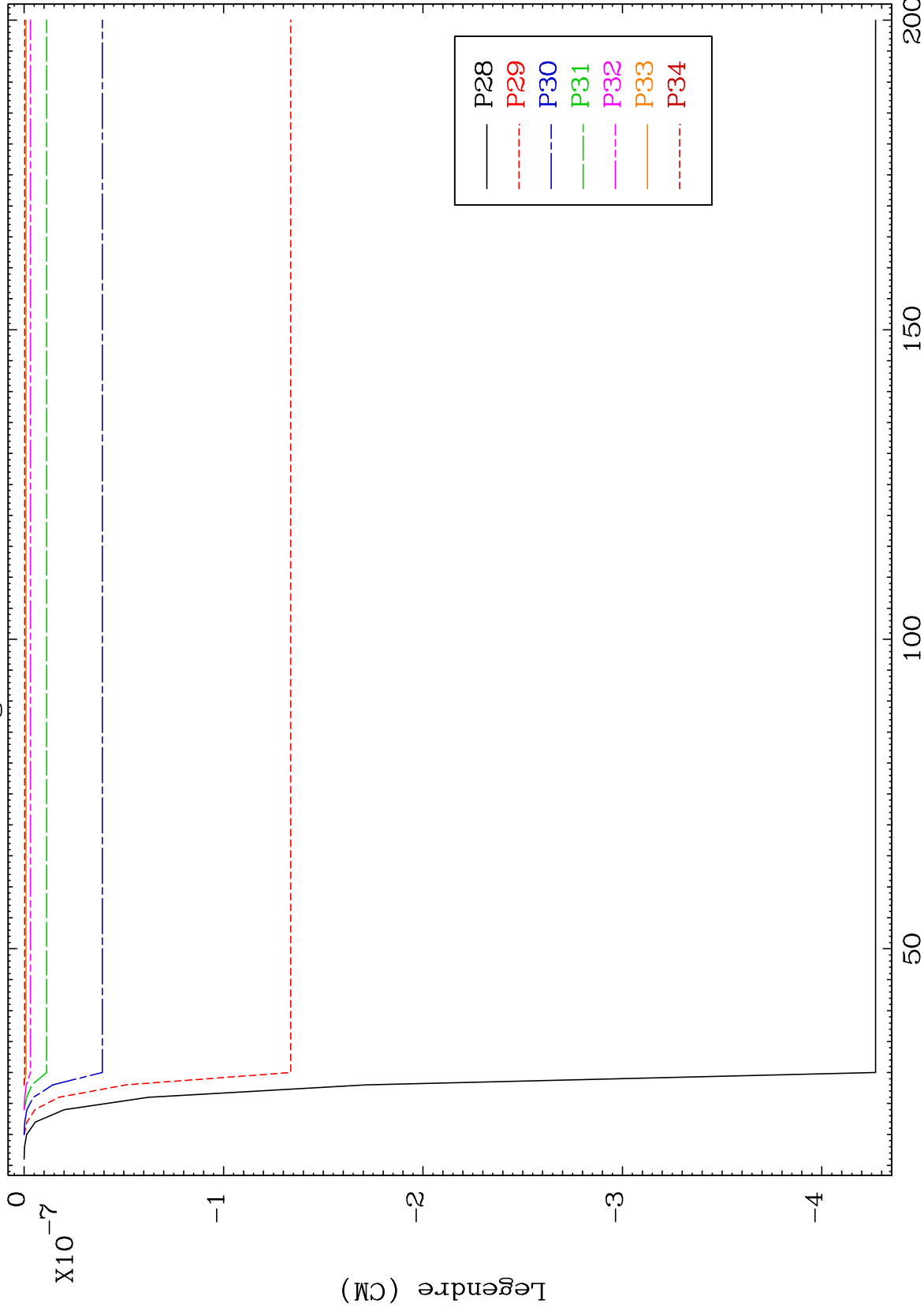


42 Incident Energy (MeV) 32-Ge-79

MAT 3252

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

32-Ge-79



32-Ge-79

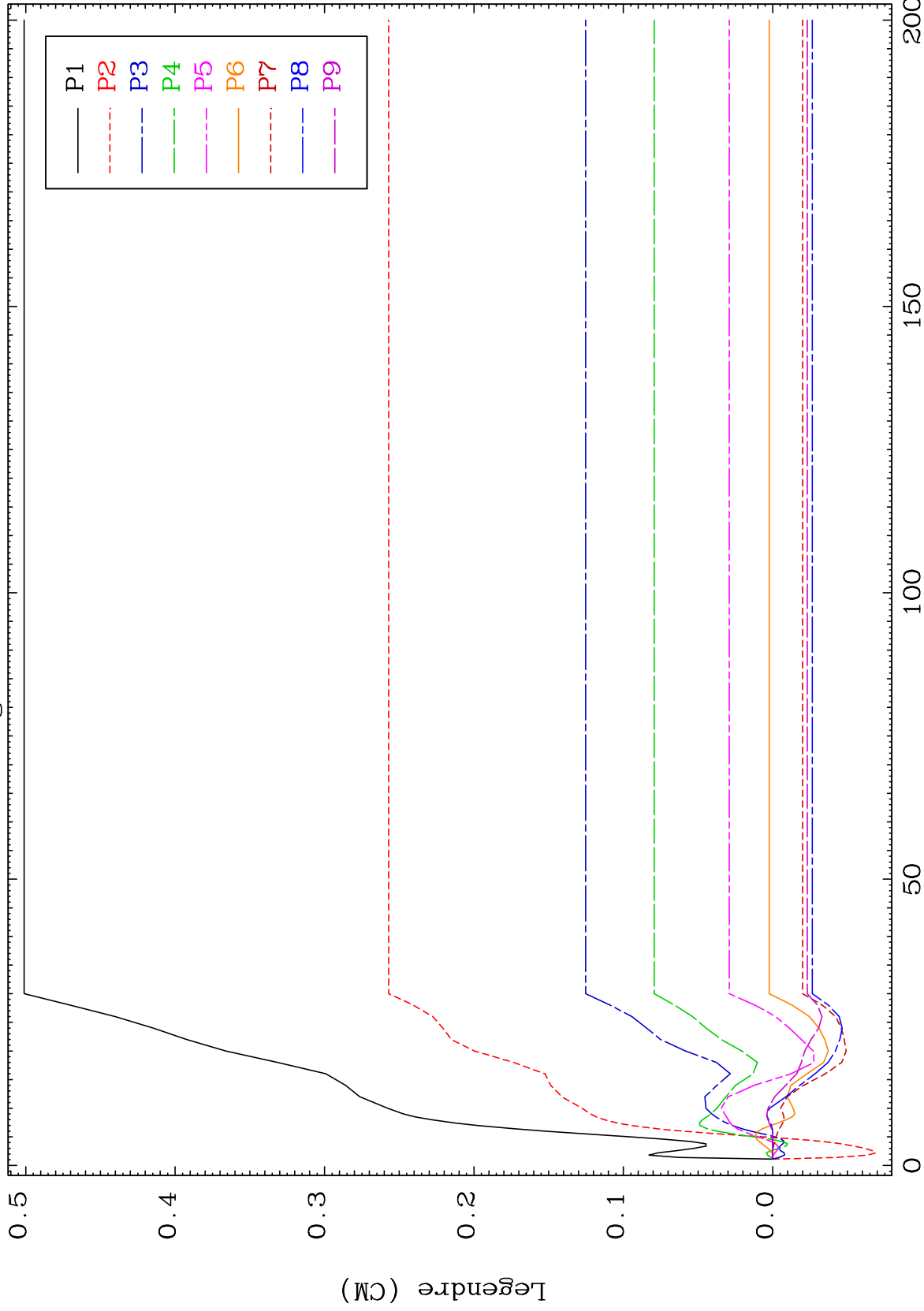
Incident Energy (MeV)

43

MAT 3252

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

32-Ge-79



44

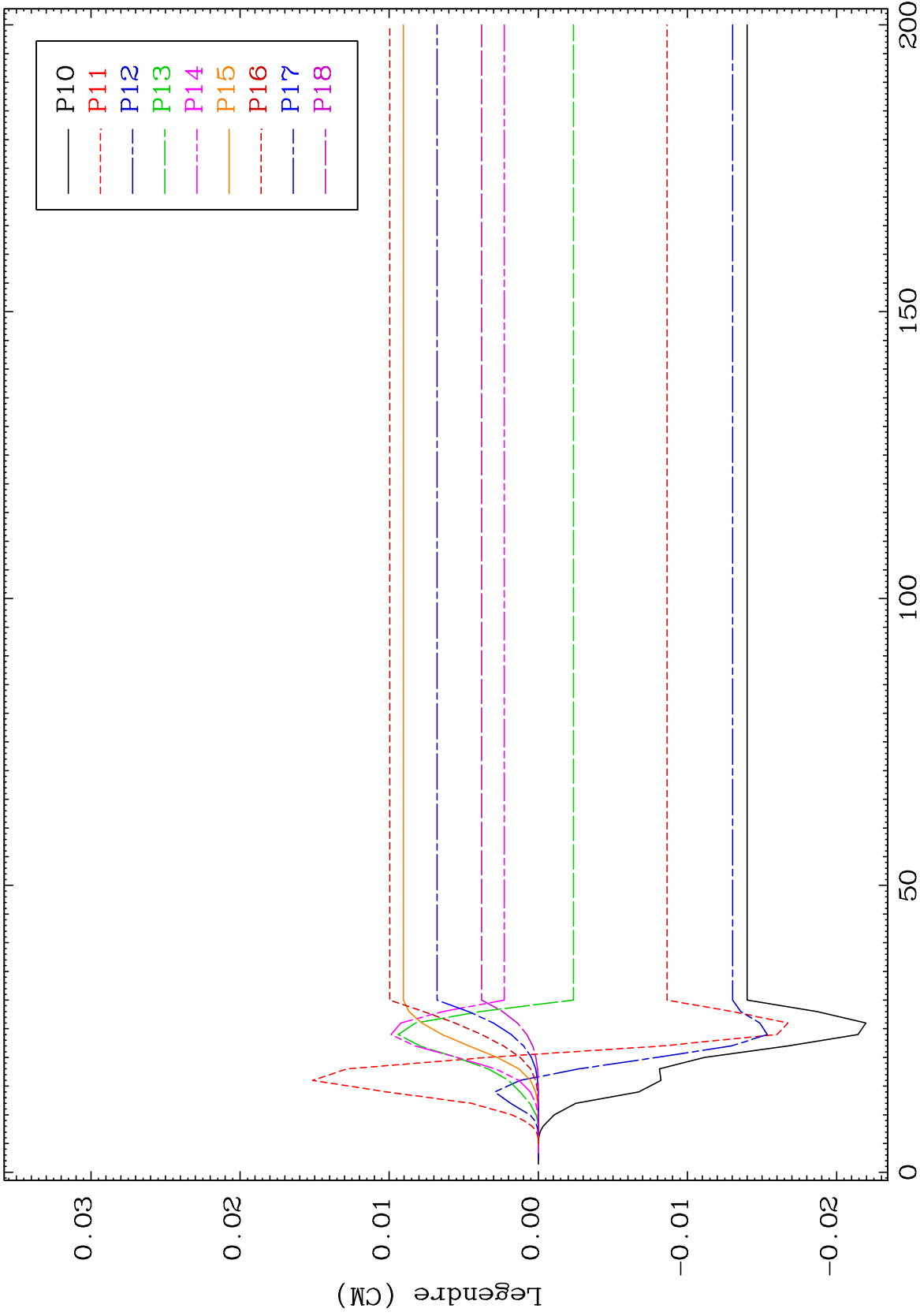
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



45

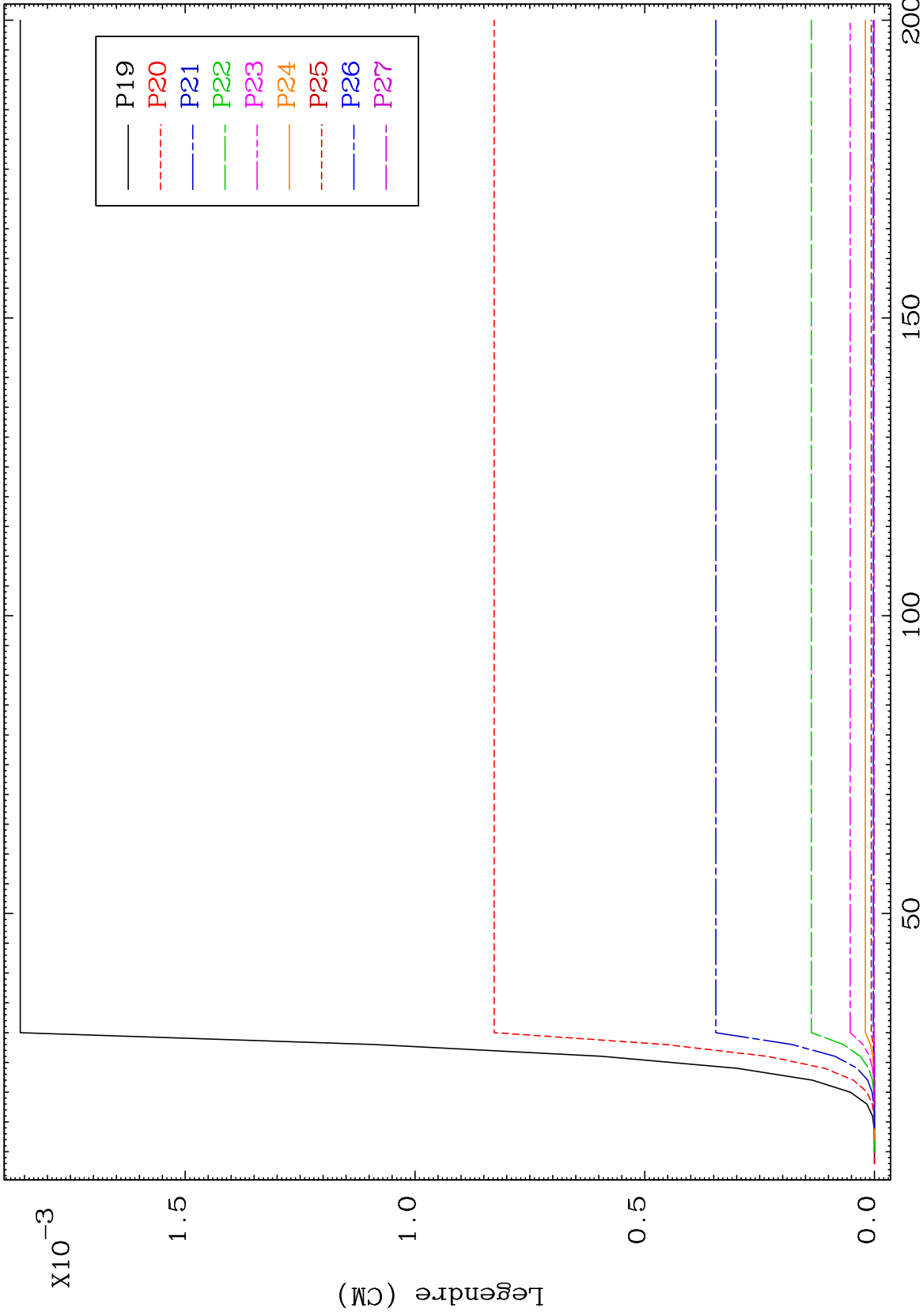
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



46

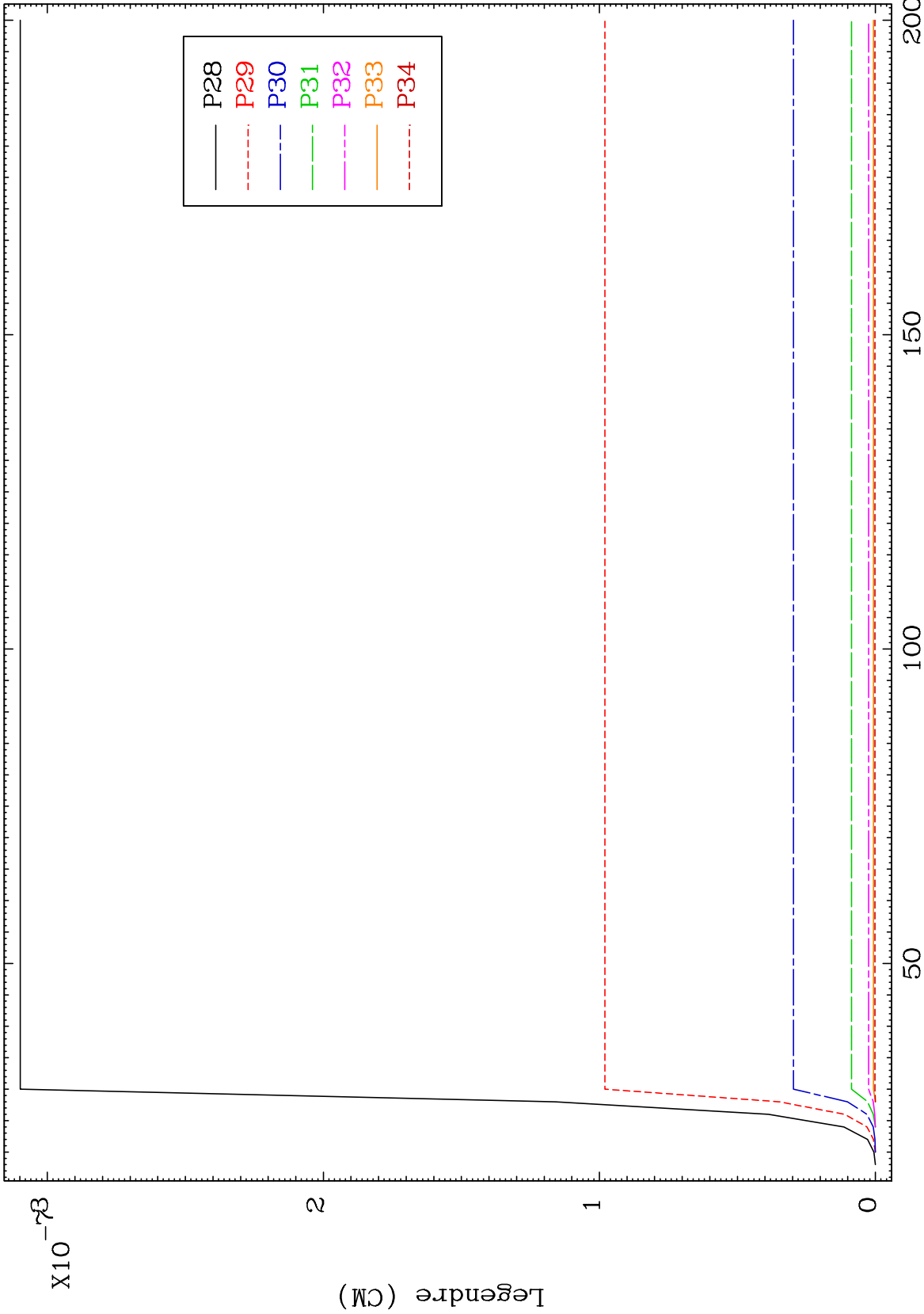
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



47

Incident Energy (MeV)

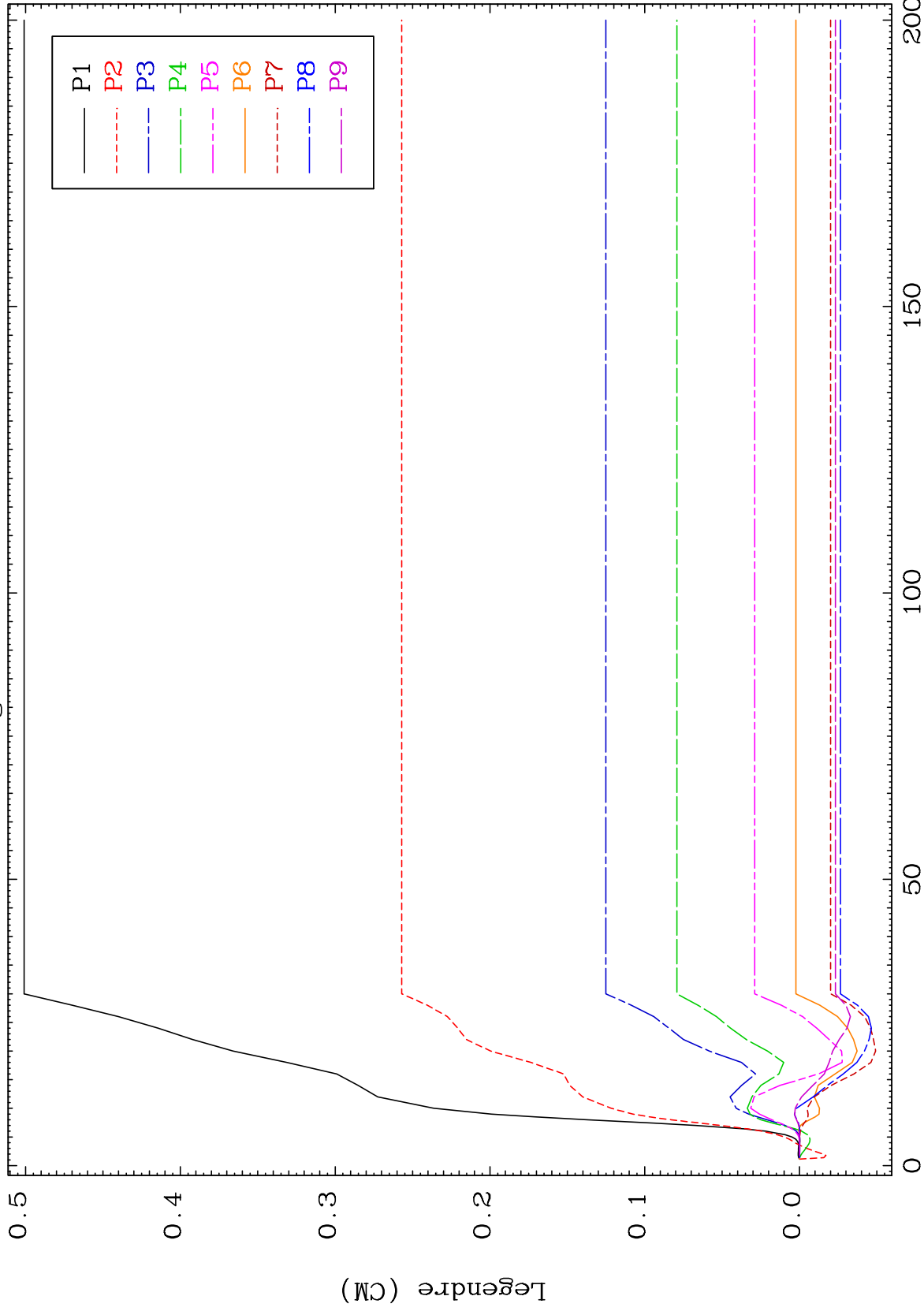
32-Ge-79



MAT 3252

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

32-Ge-79



48

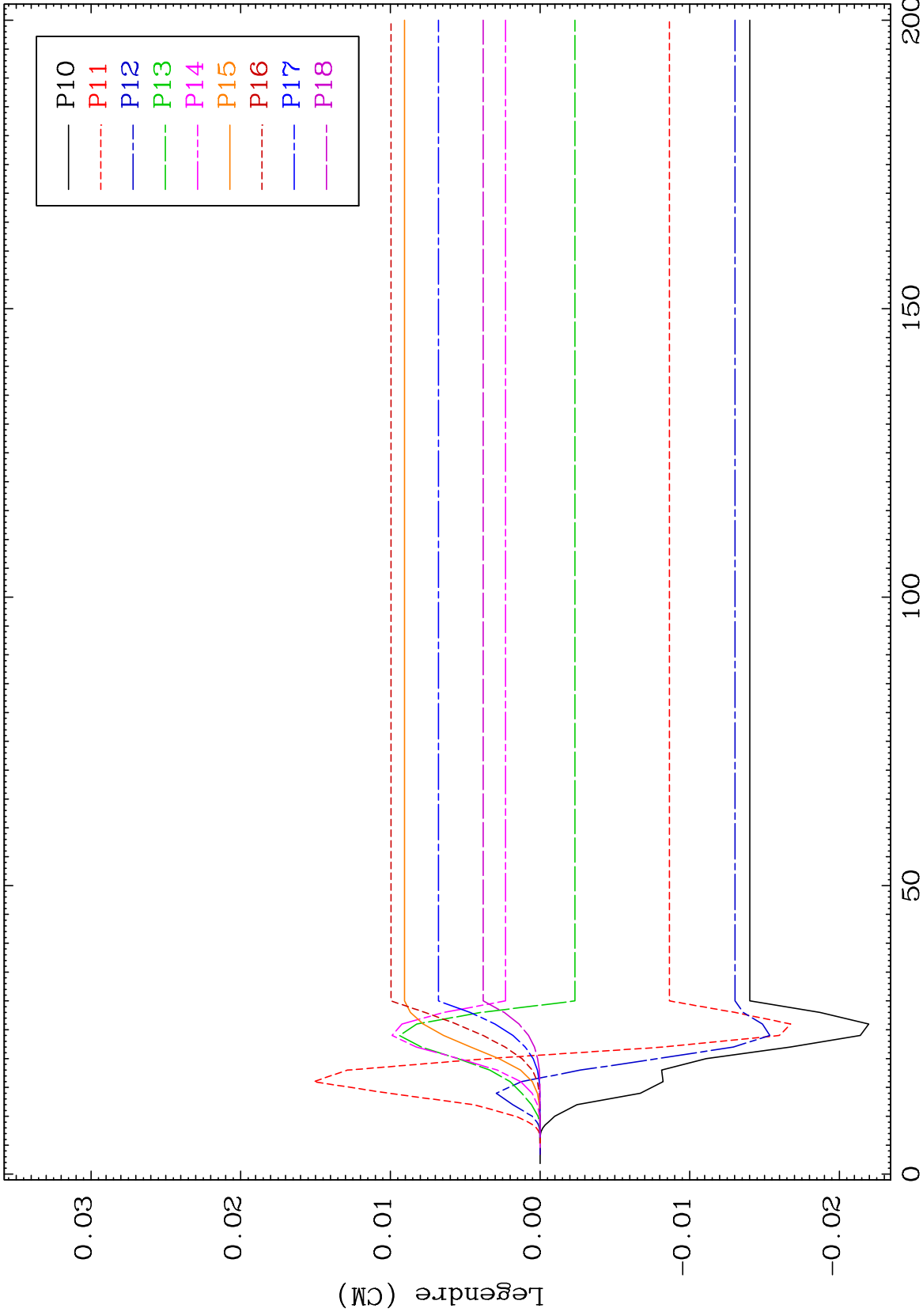
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



49

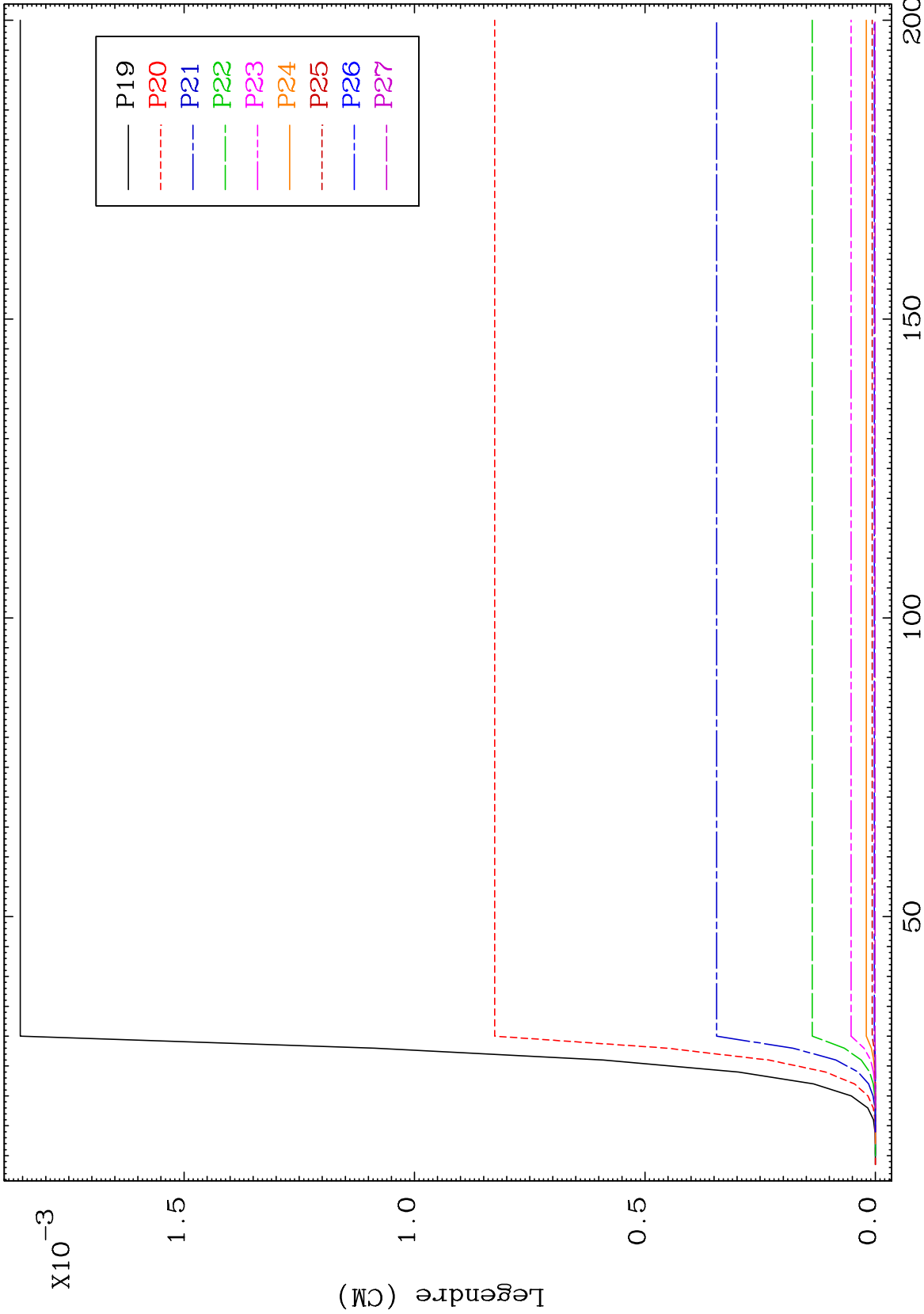
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



50

50

100

150

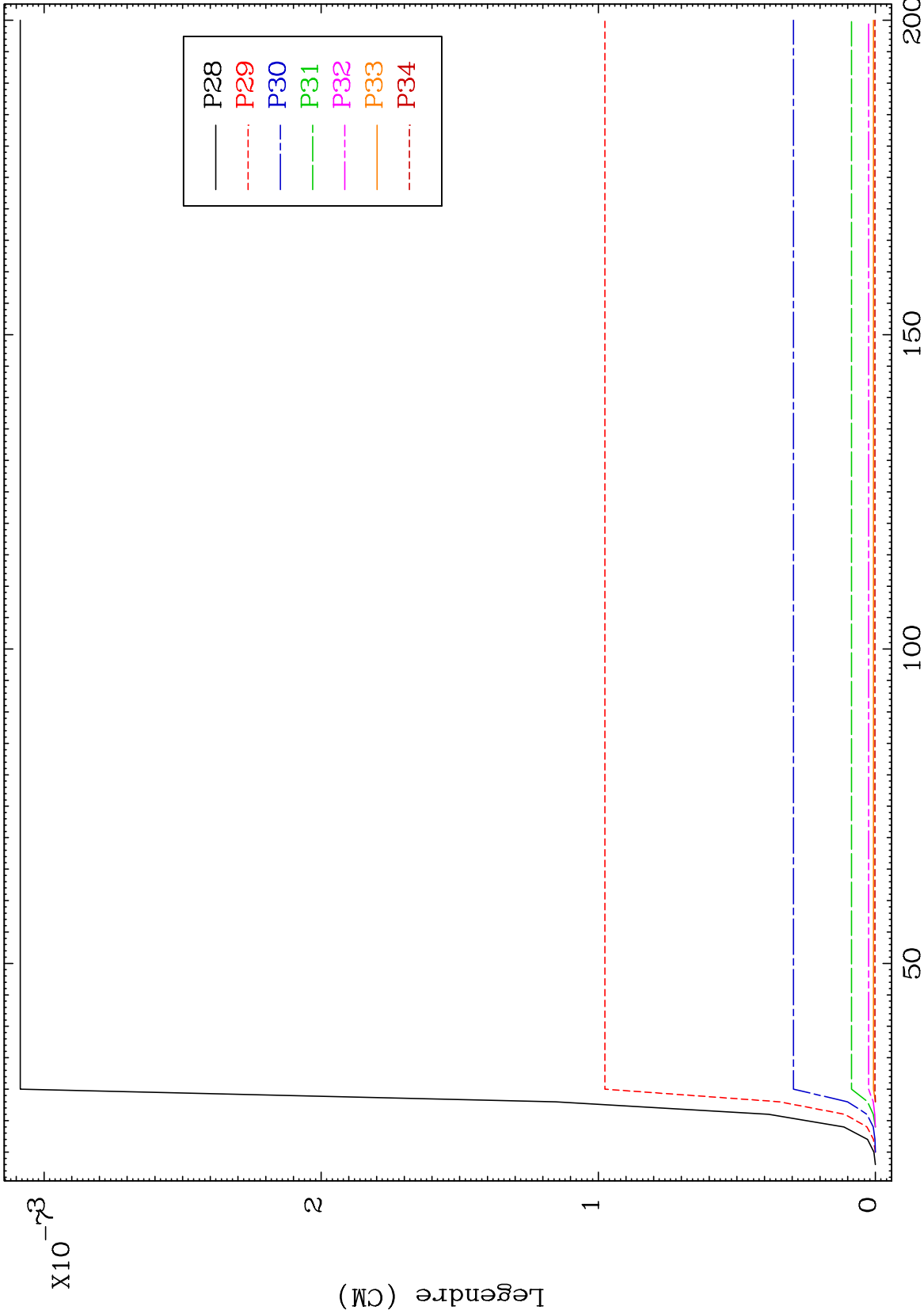
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32-Ge-79

MAT 3252

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

32-Ge-79



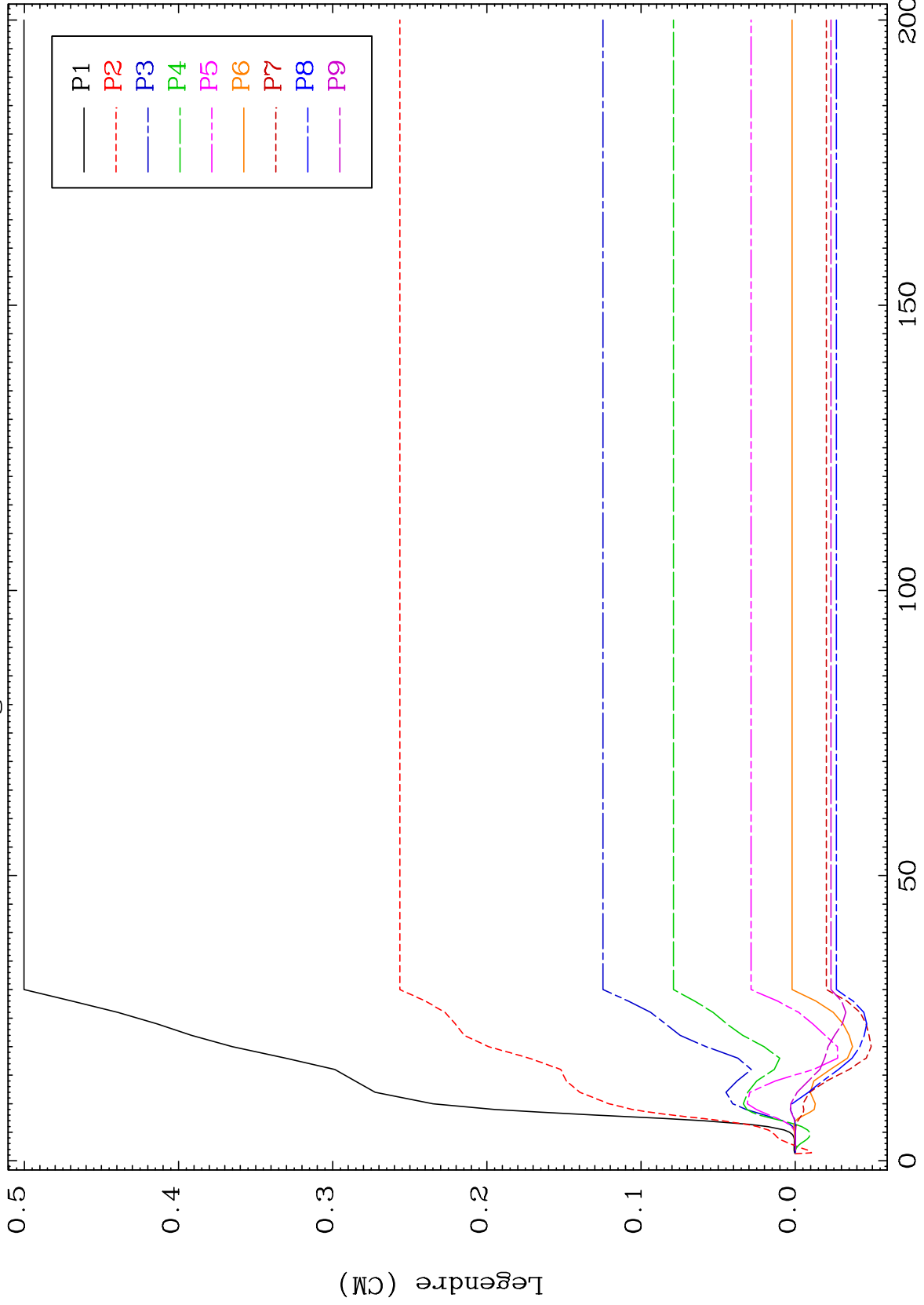
51

32-Ge-79

MAT 3252

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

32-Ge-79



52

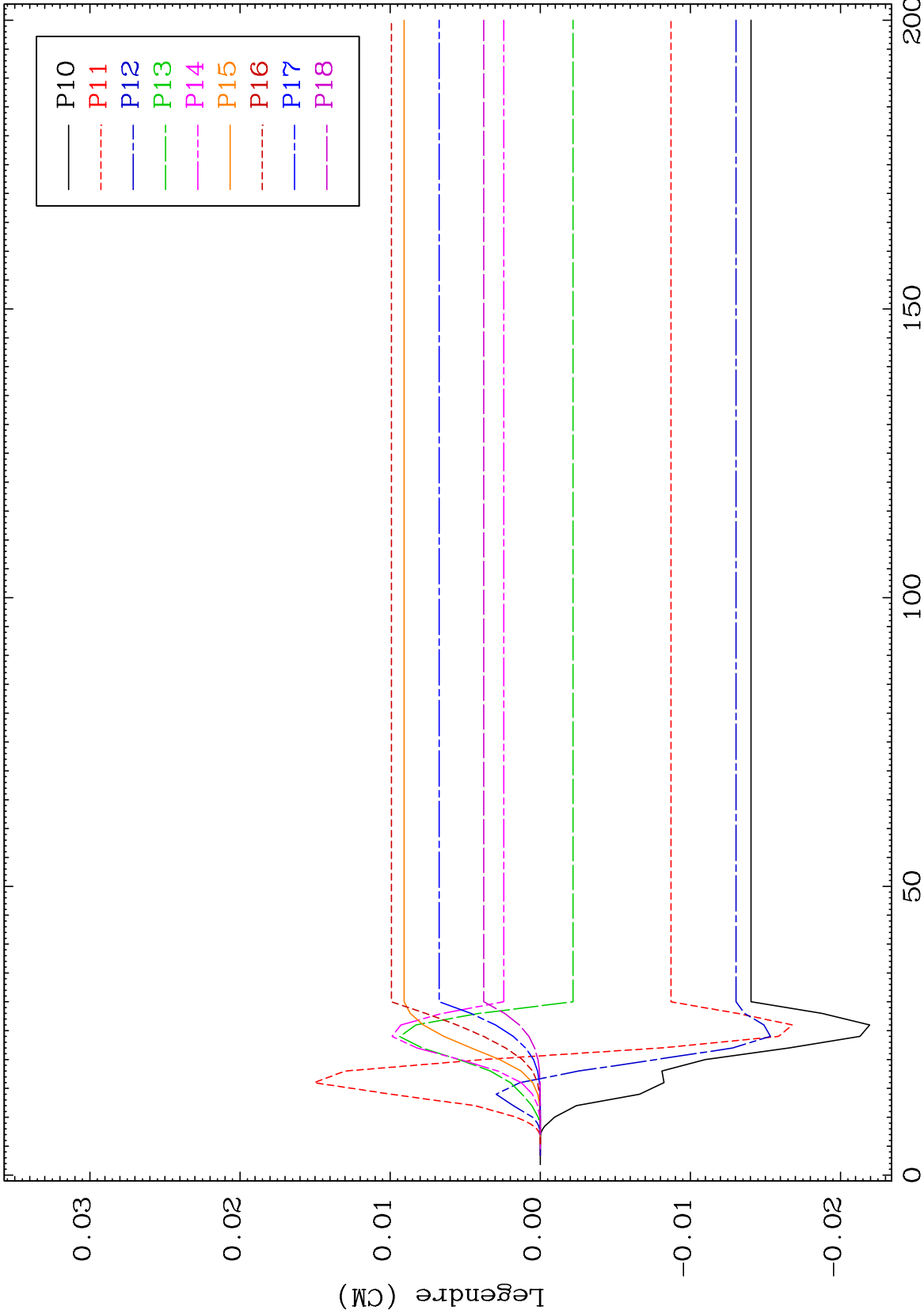
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



53

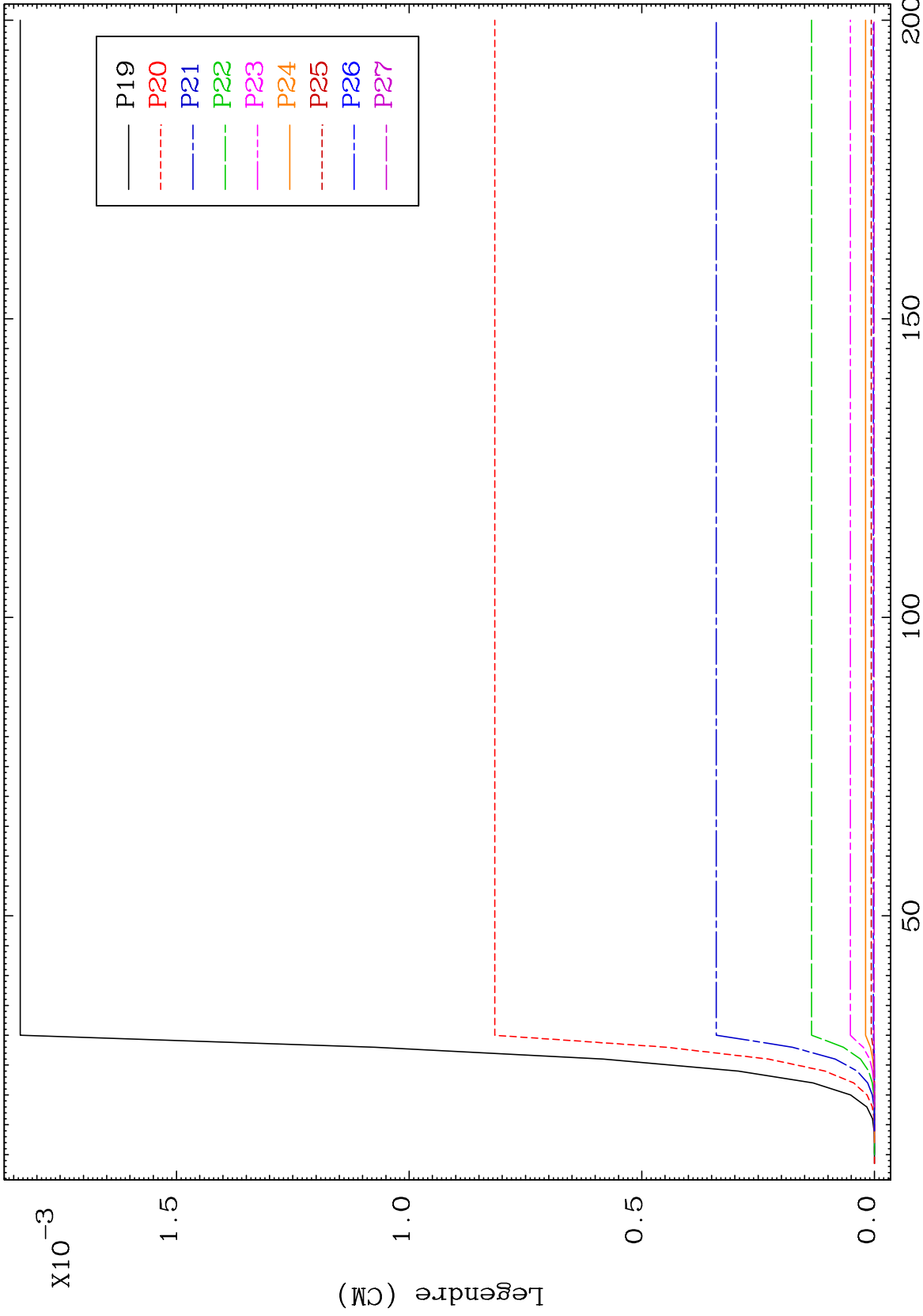
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



54

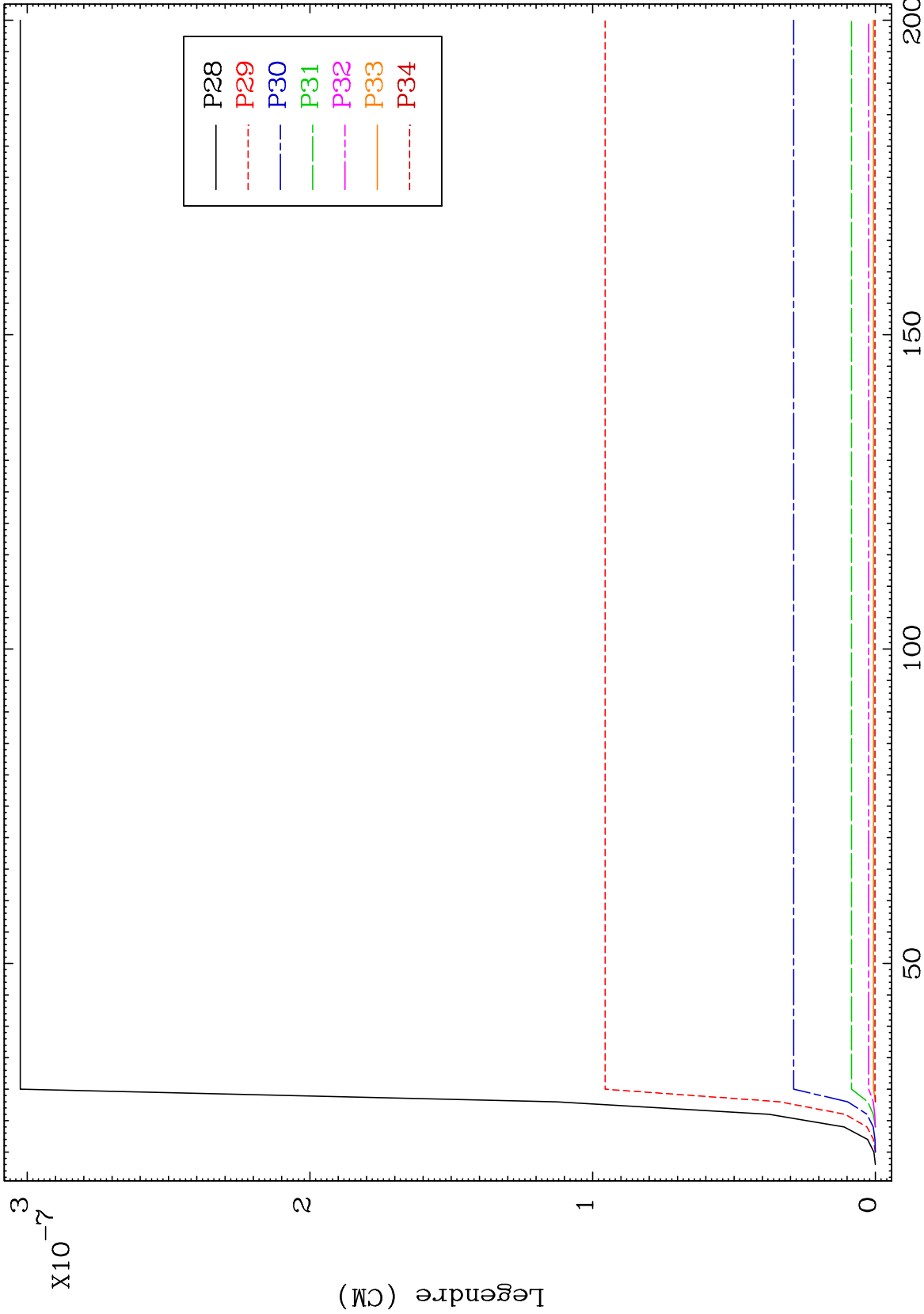
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



55

Incident Energy (MeV)

50

100

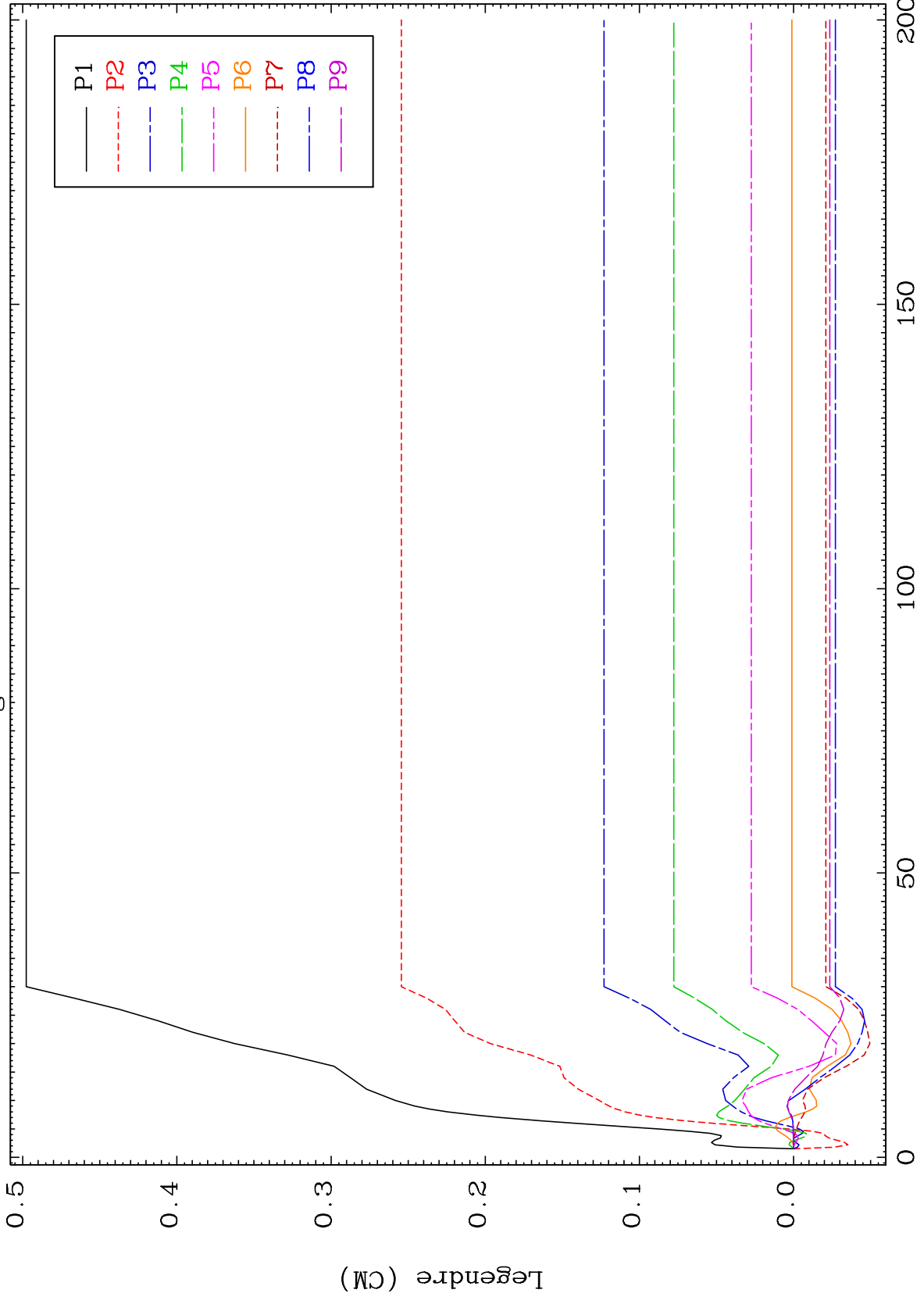
150

200

32-Ge-79



MAT 3252 MT= 60 (n,n') Level Legendre Coefficients 32-Ge-79

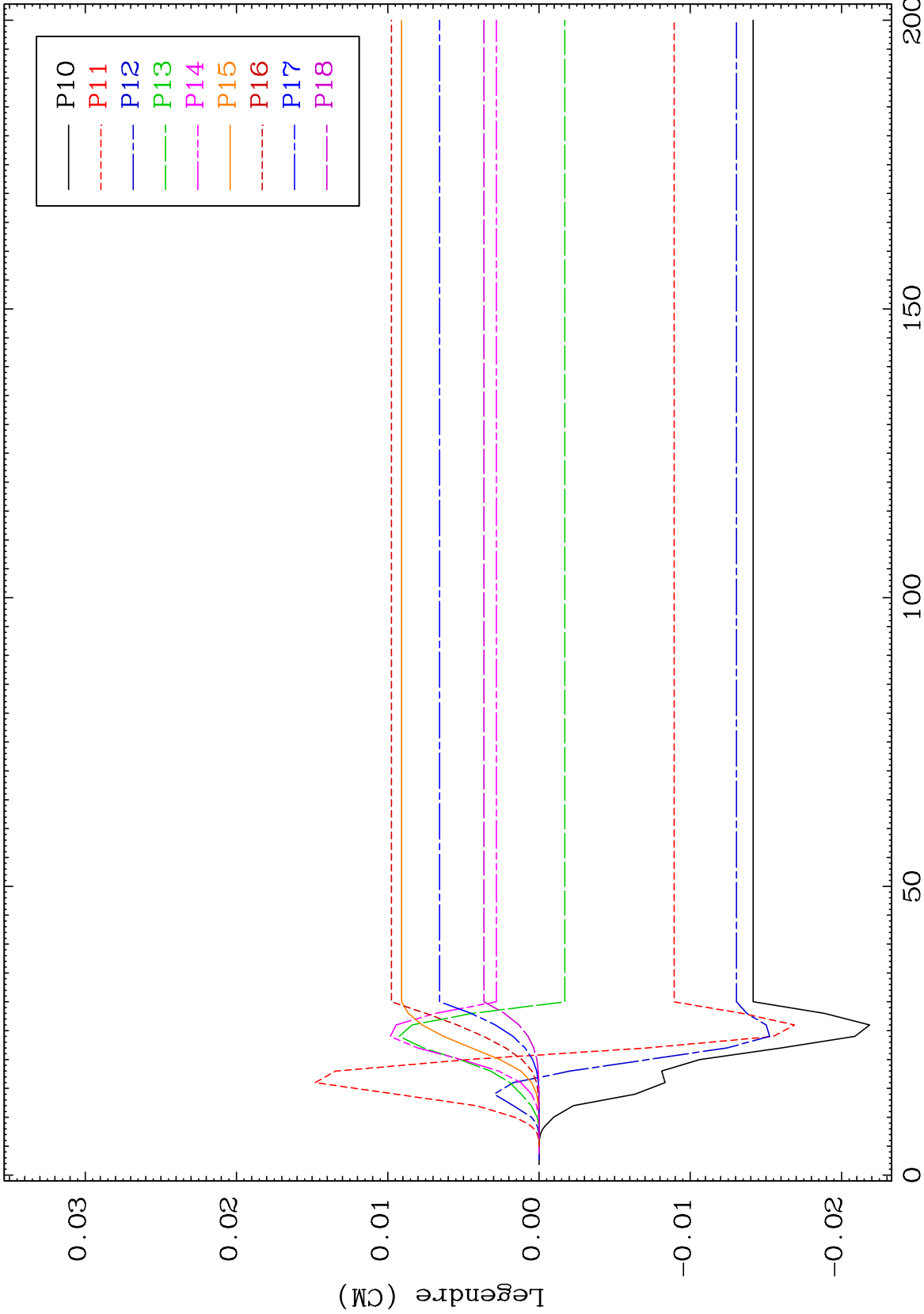


56 Incident Energy (MeV) 32-Ge-79

MAT 3252

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

32-Ge-79



57

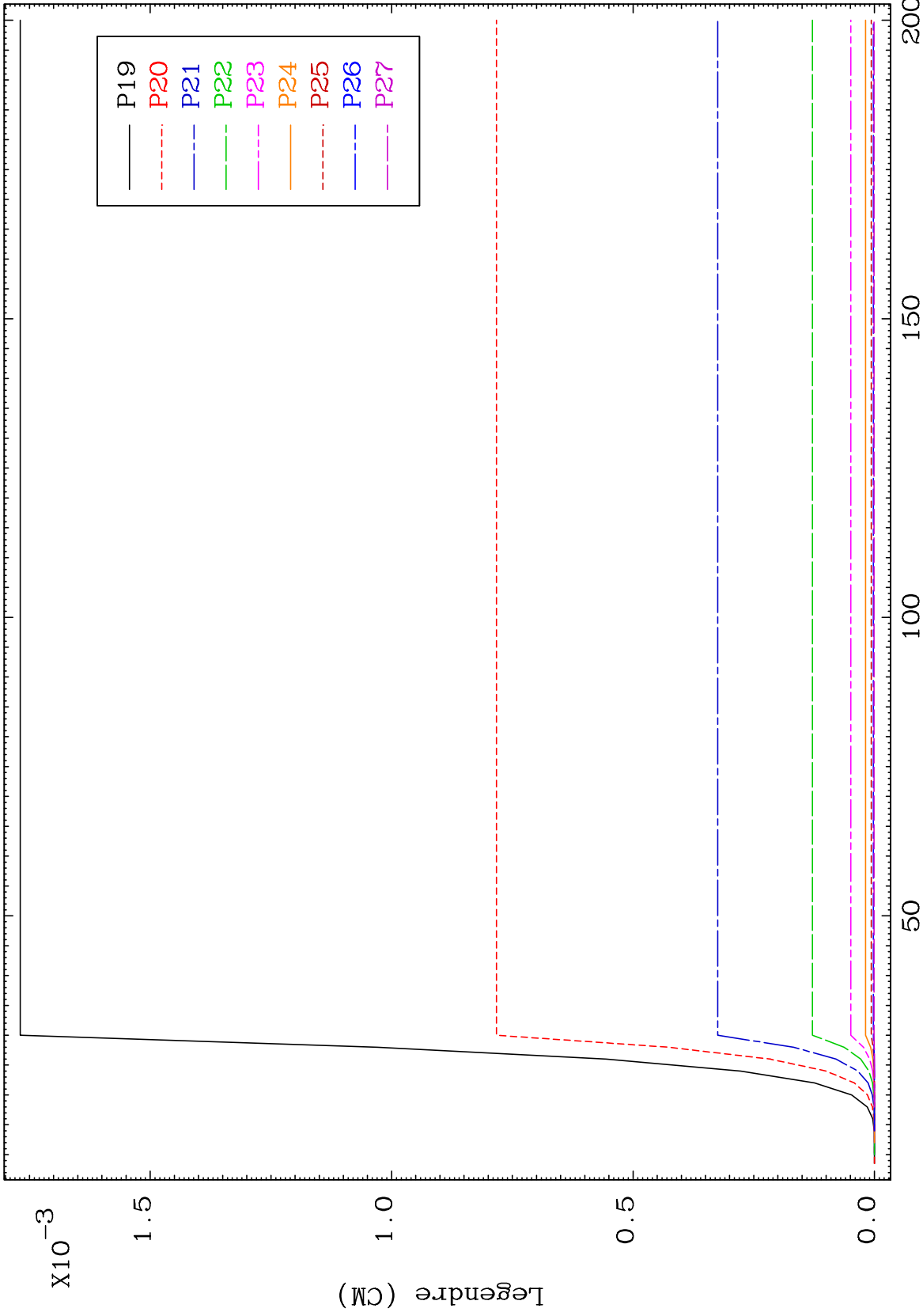
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



58

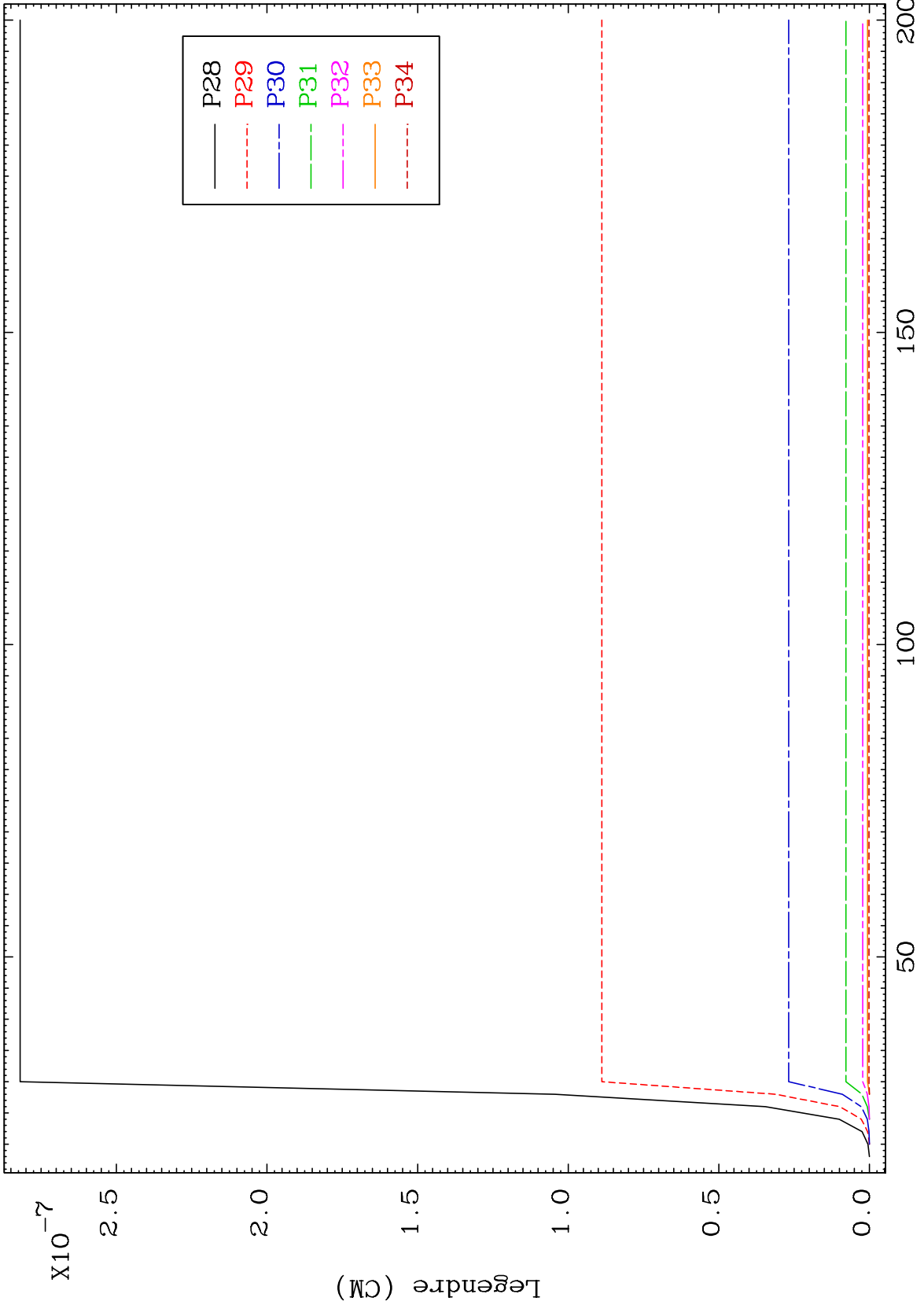
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



59

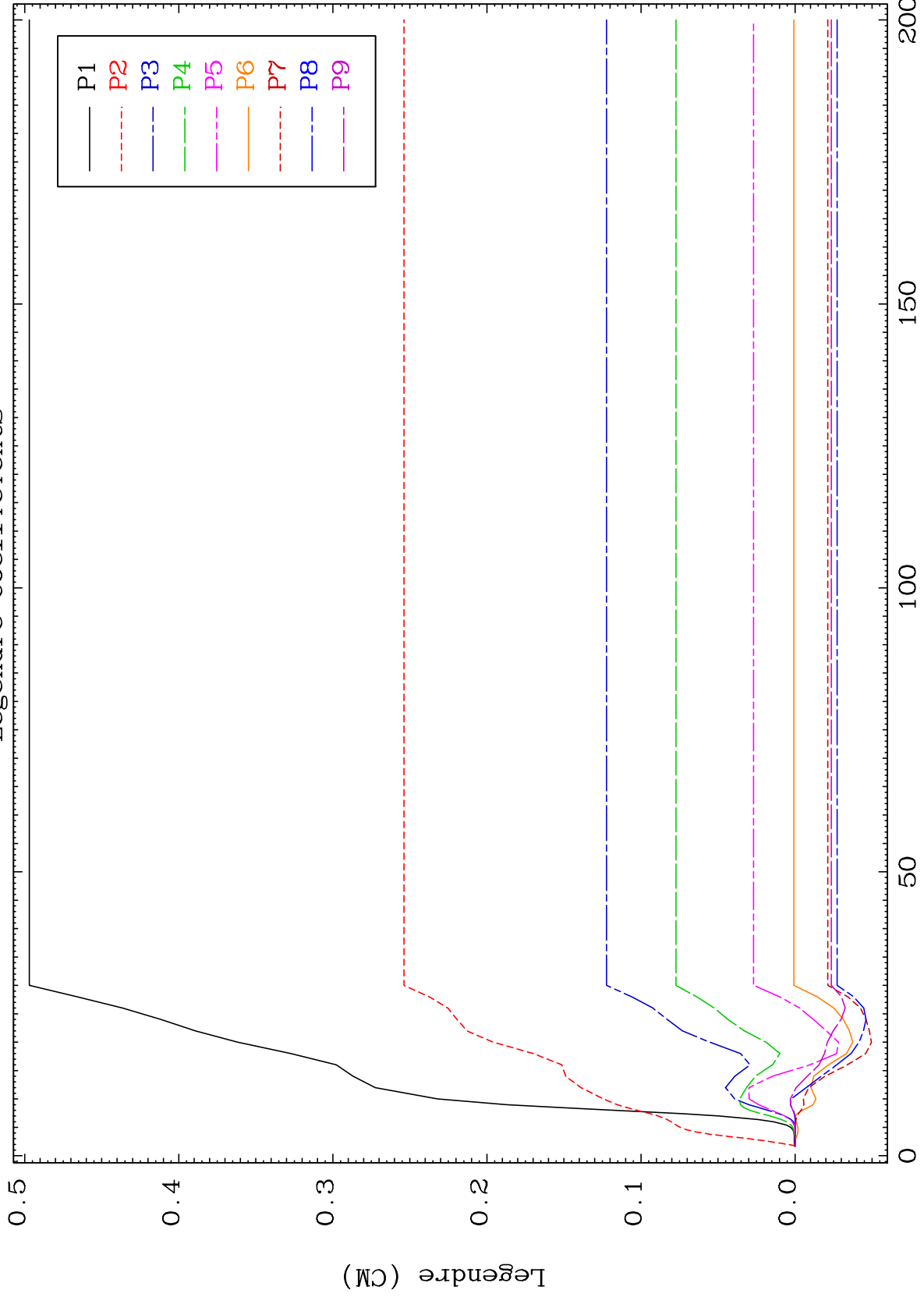
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



32-Ge-79

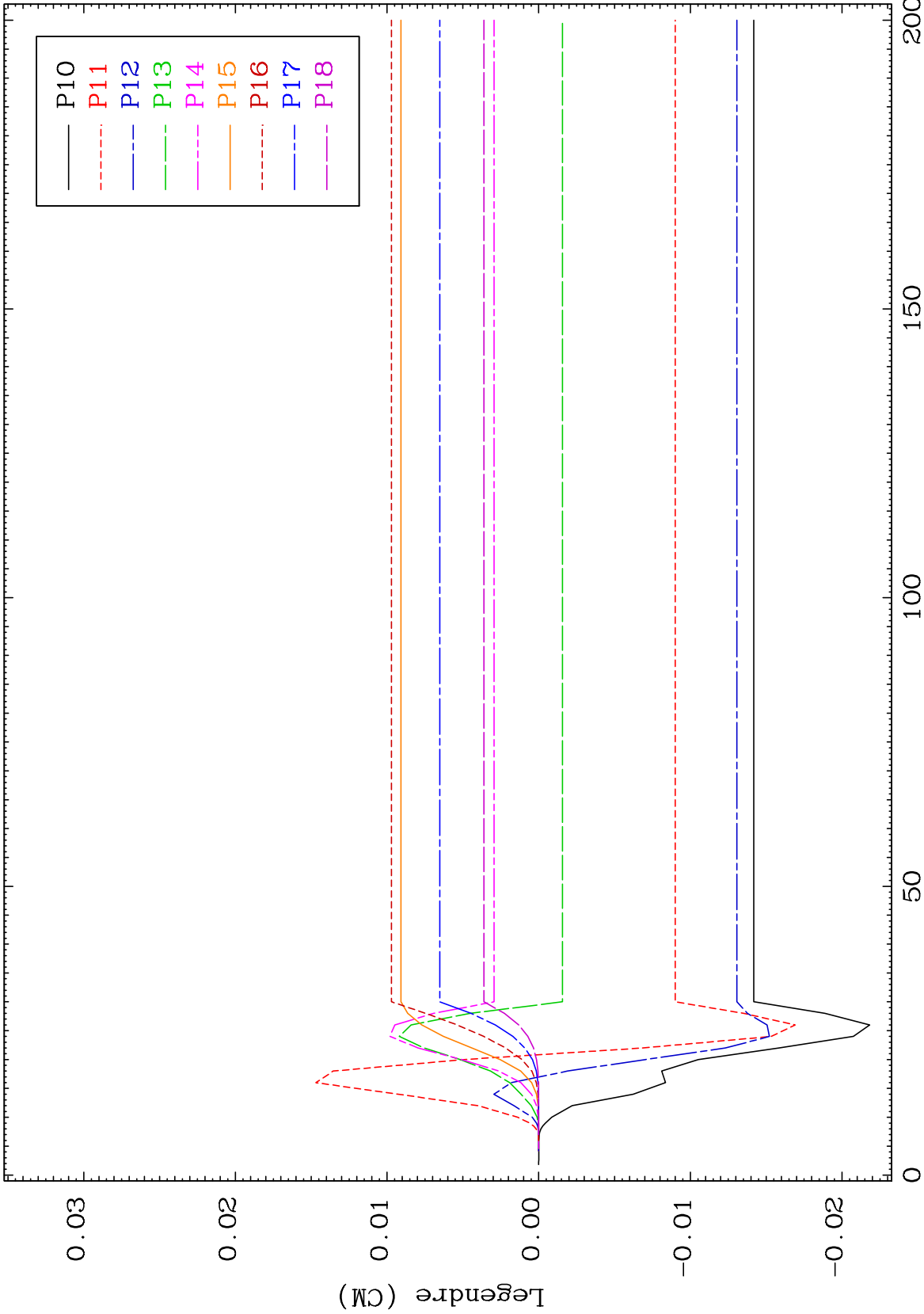
Incident Energy (MeV)

60

MAT 3252

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

32-Ge-79



61

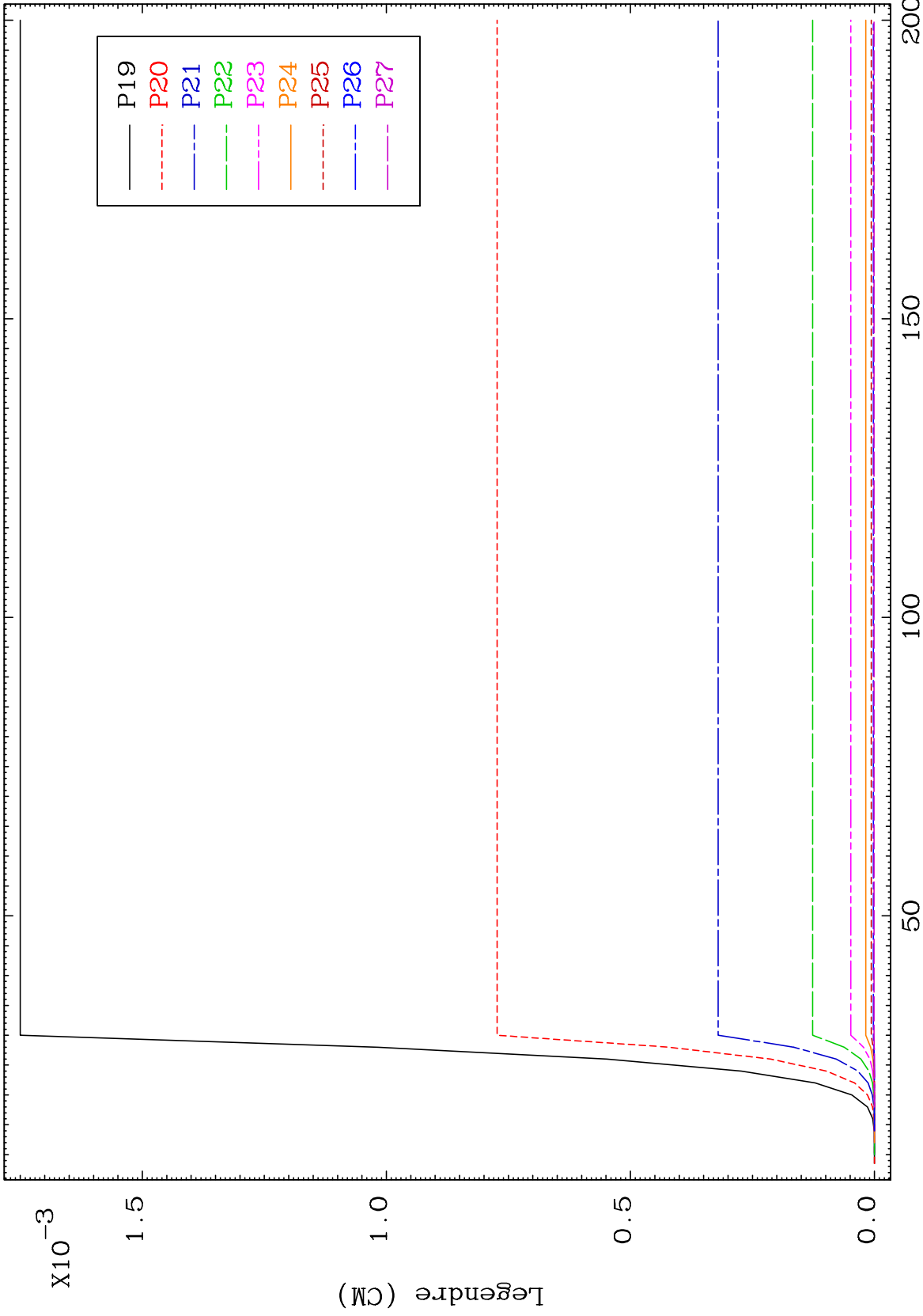
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



62

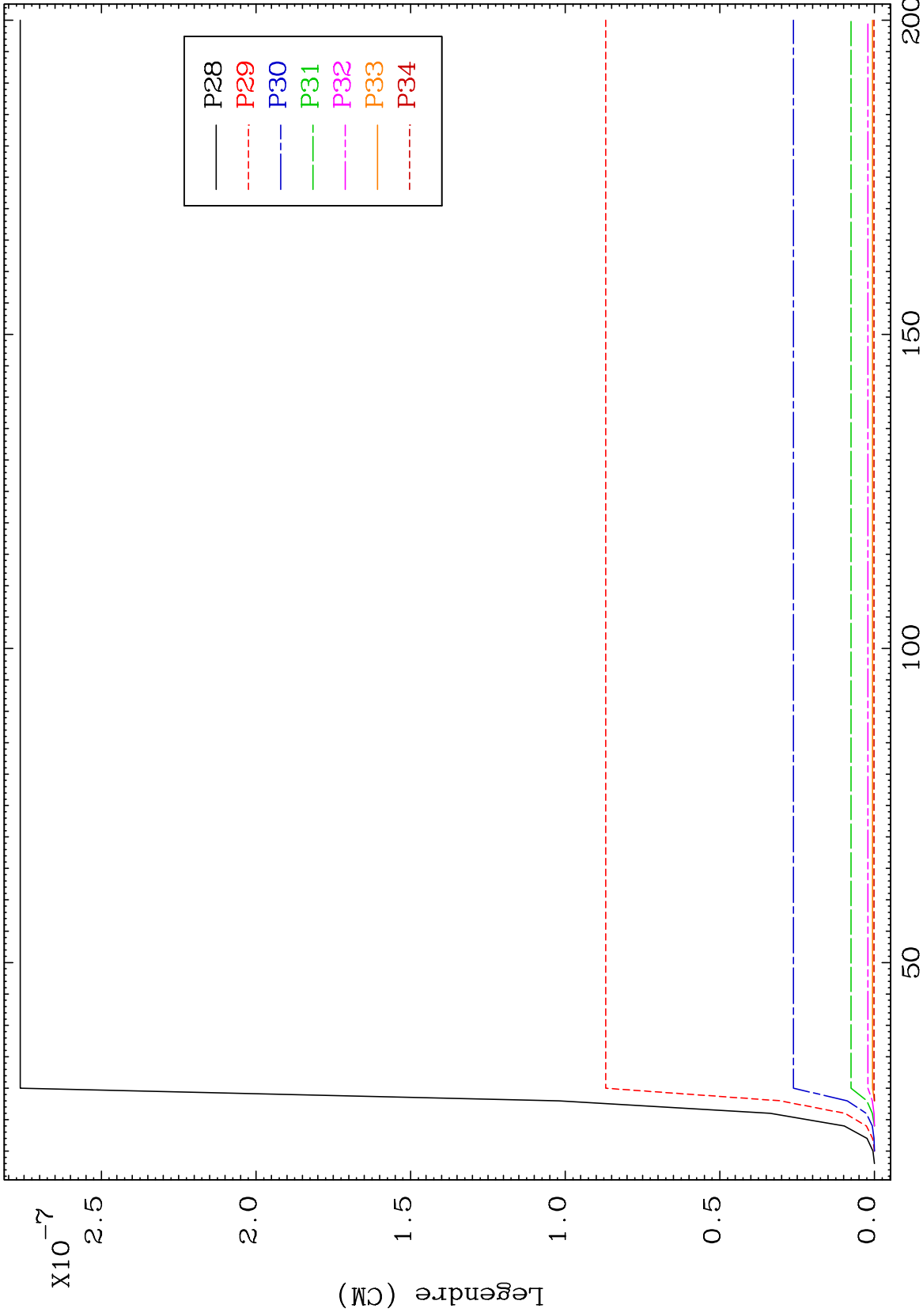
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



63

Incident Energy (MeV)

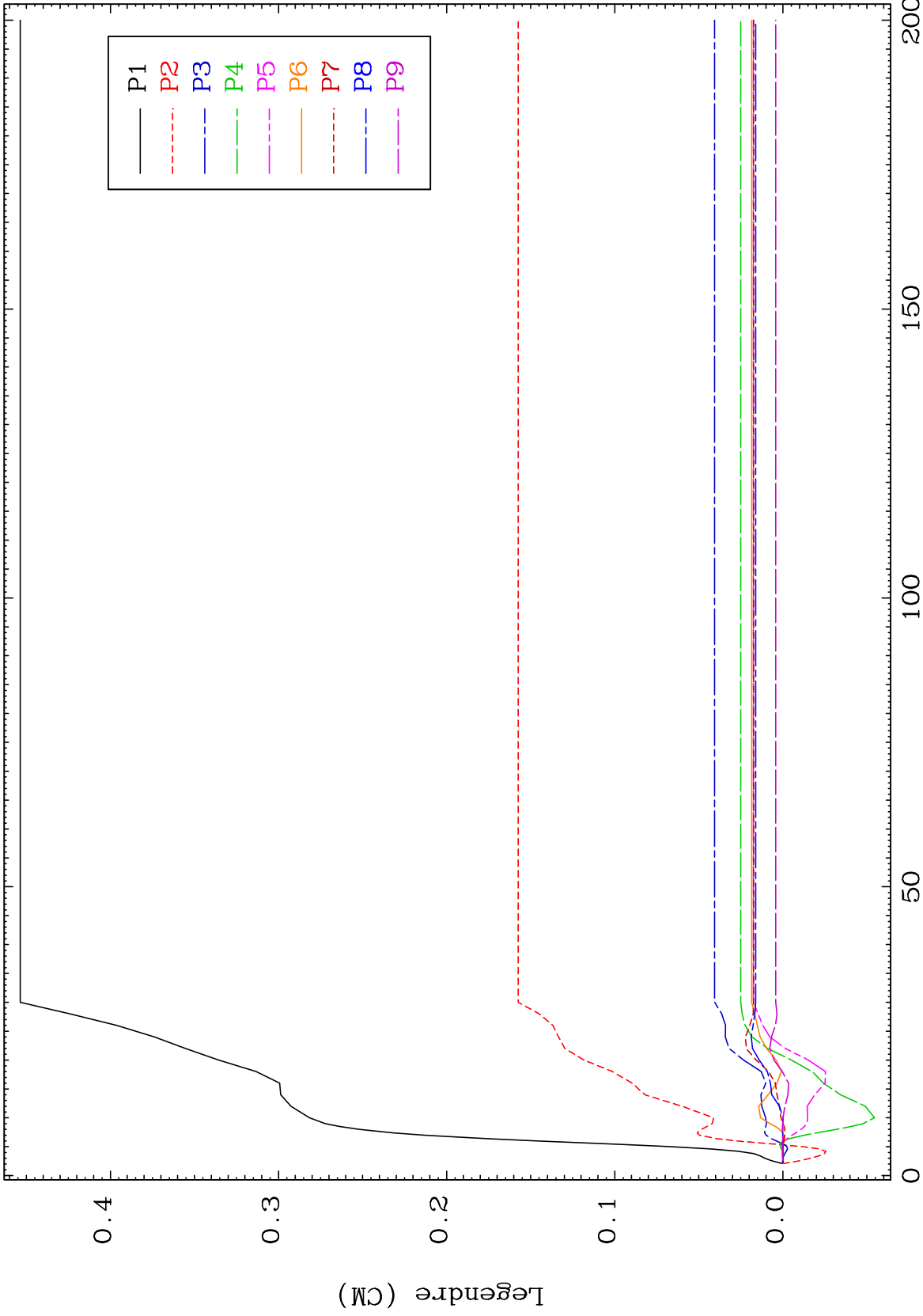
32-Ge-79



MAT 3252

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

32-Ge-79



64

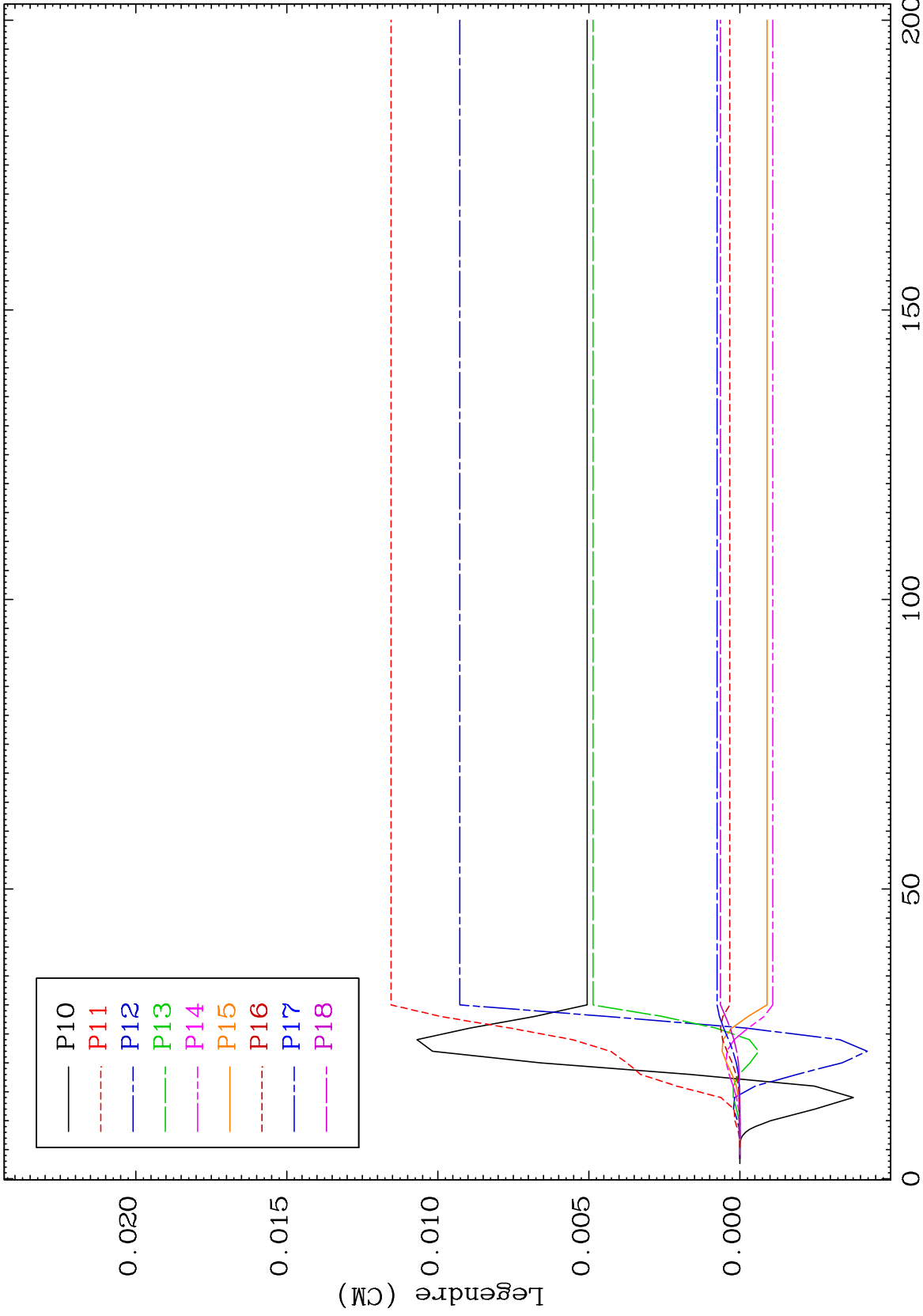
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



65

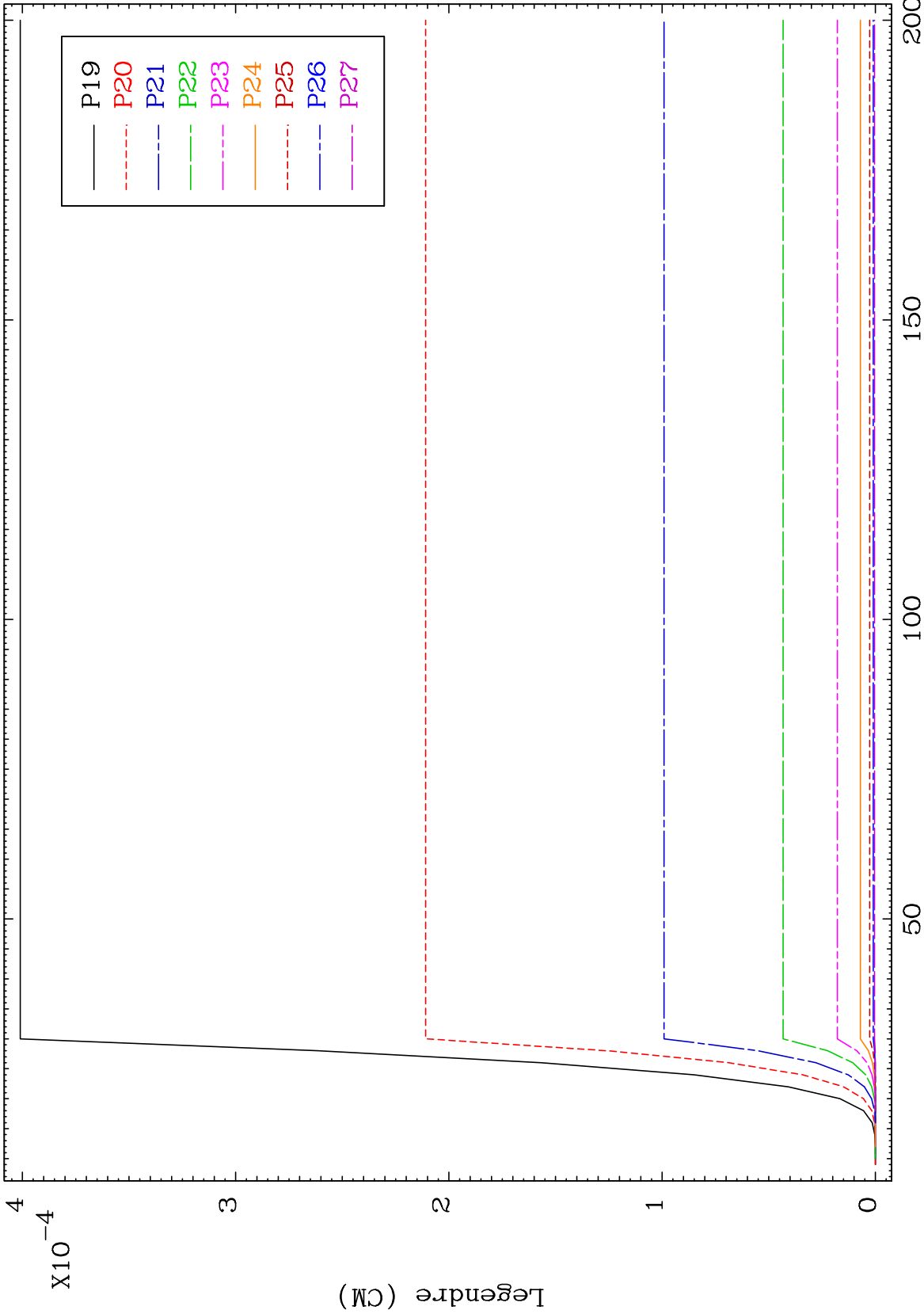
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



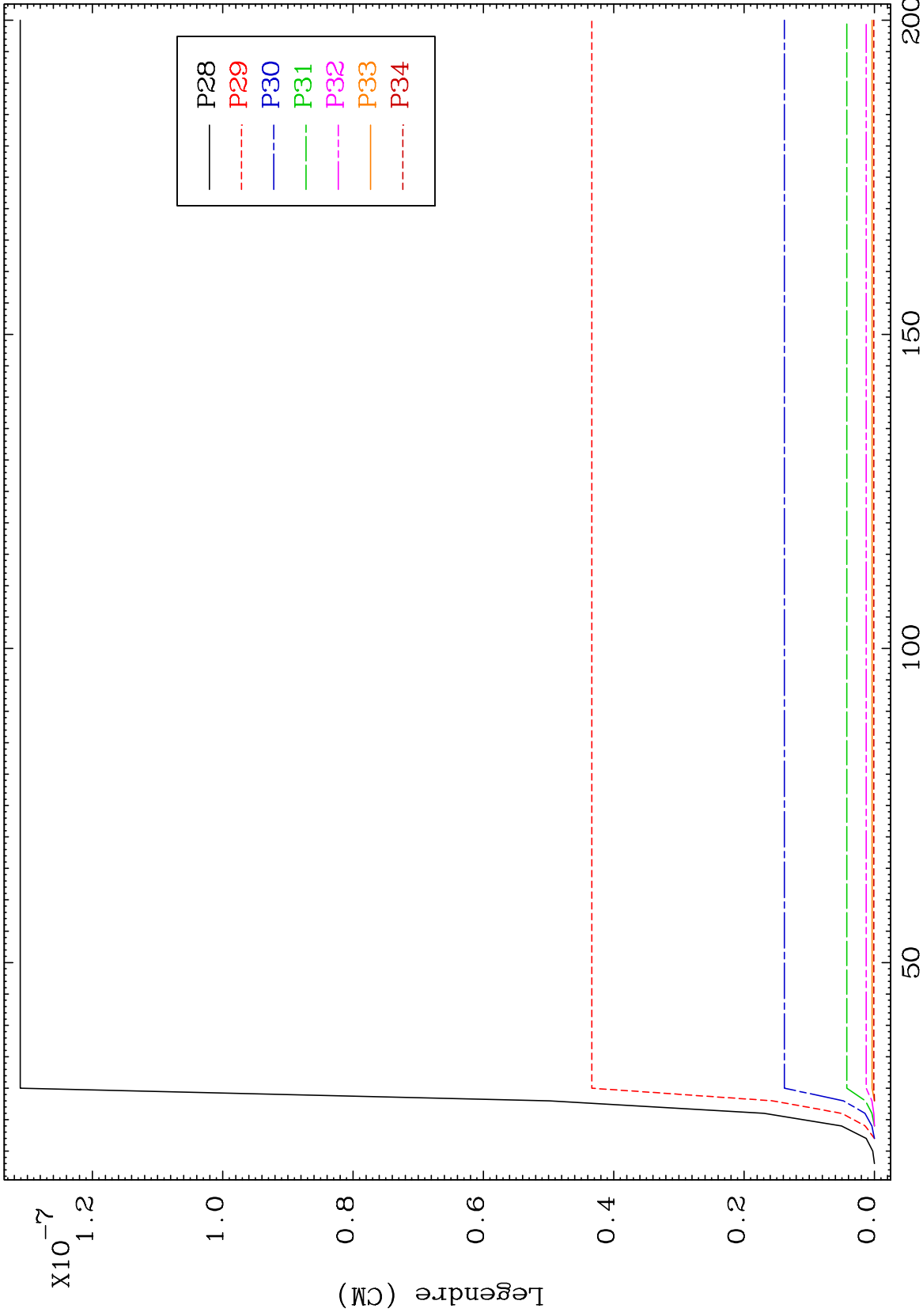
66

32-Ge-79

MAT 3252

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

32-Ge-79



67

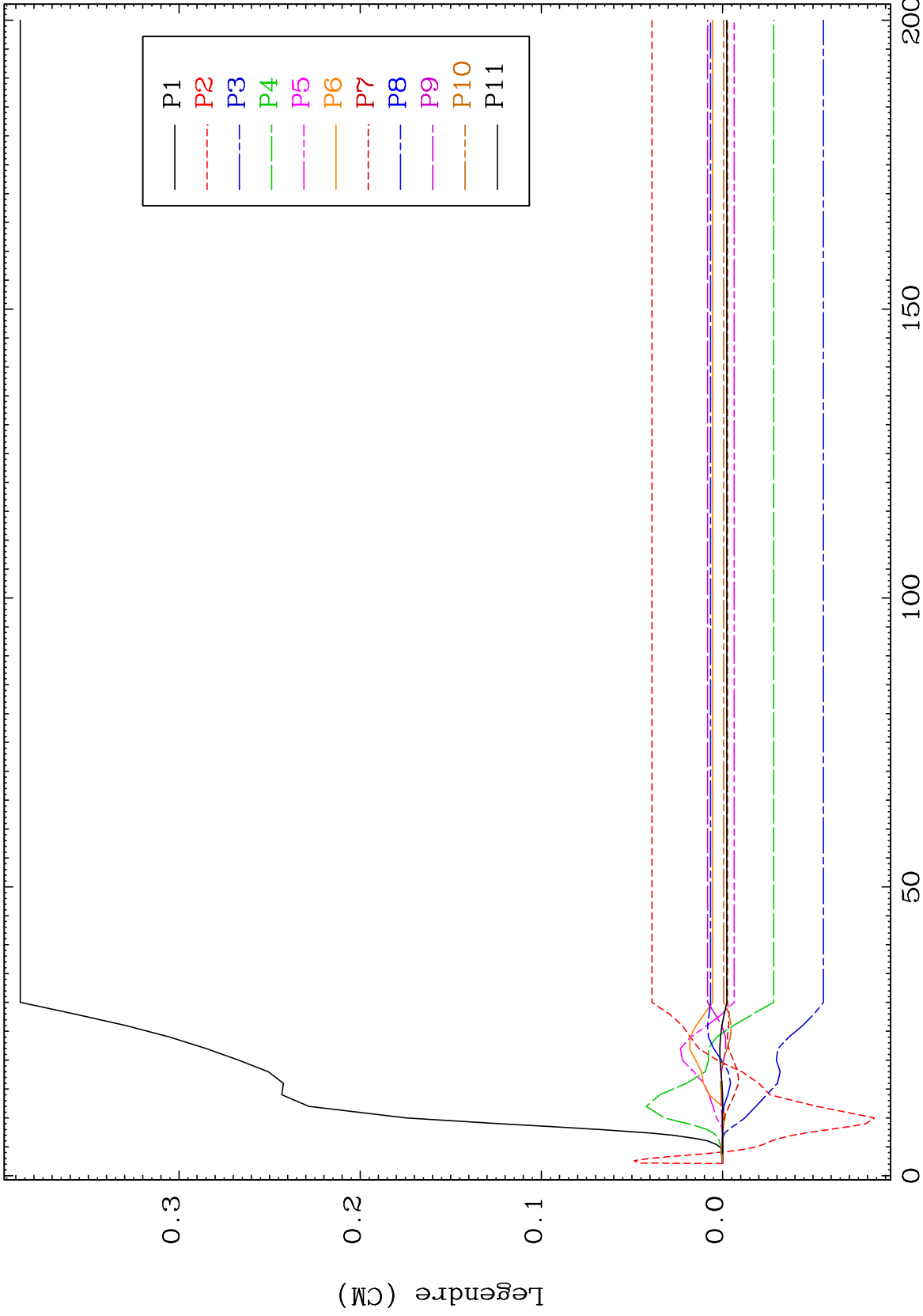
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

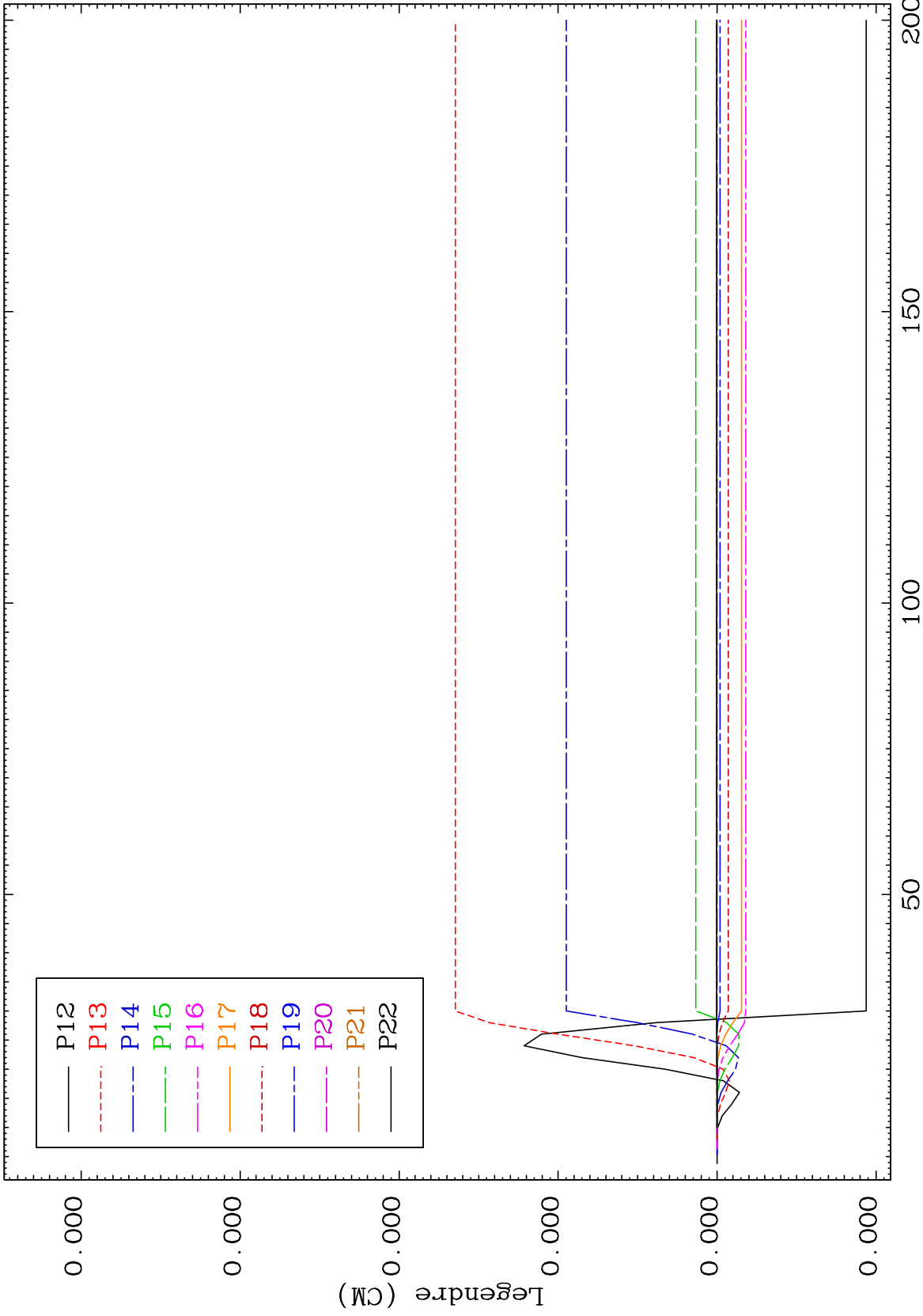
32-Ge-79



68

Incident Energy (MeV)

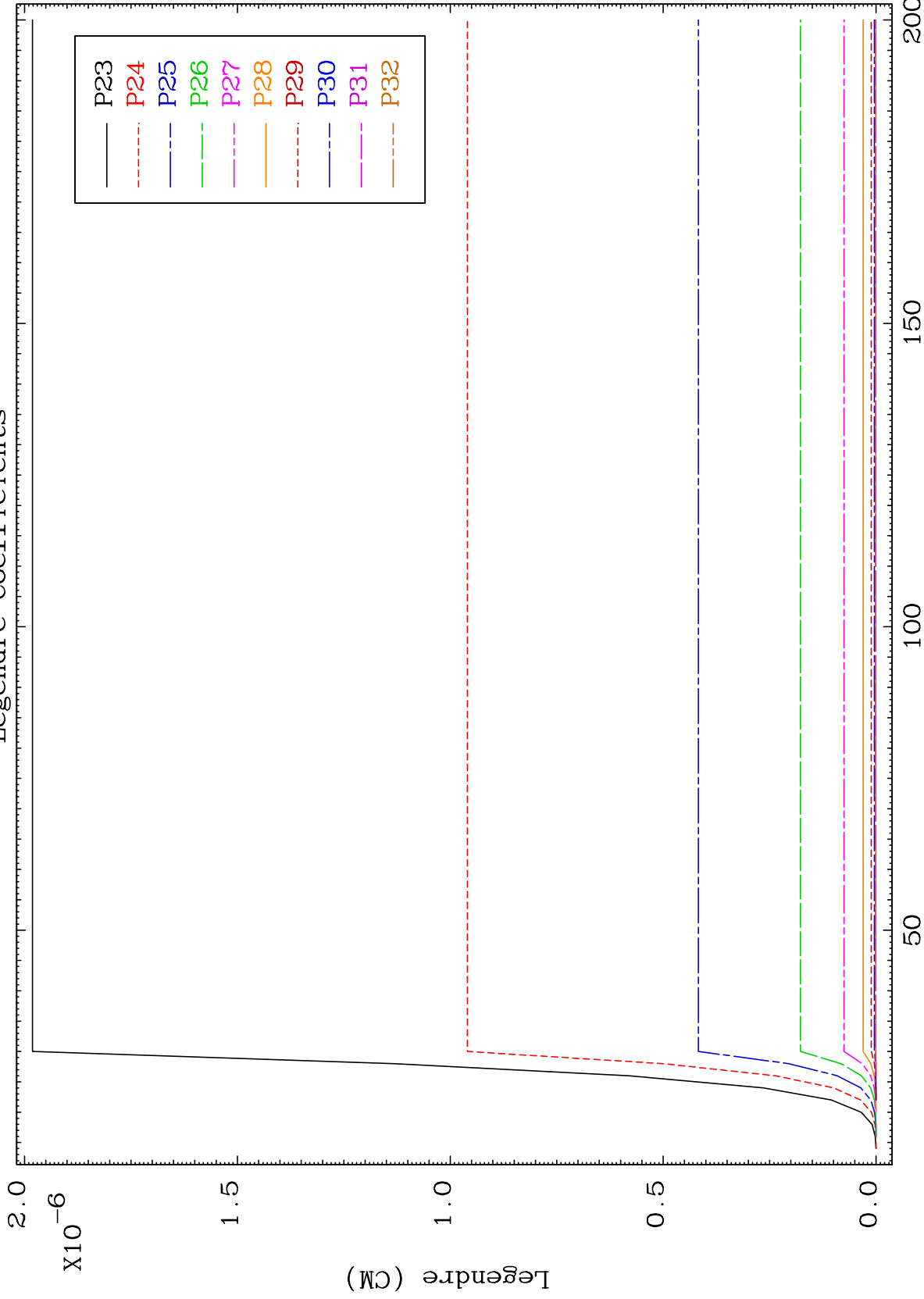
32-Ge-79



MAT 3252

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

32-Ge-79



70

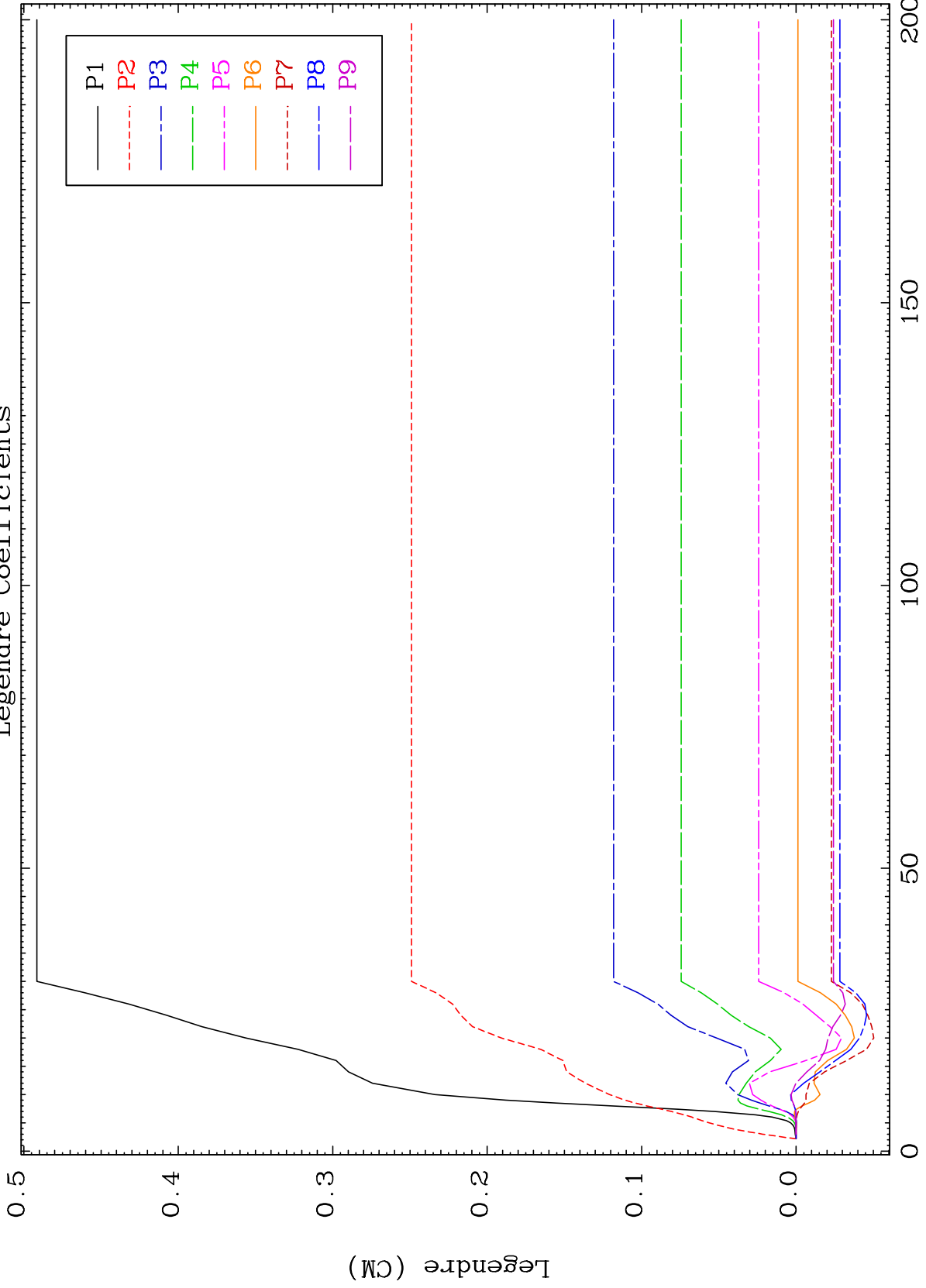
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



32-Ge-79

Incident Energy (MeV)

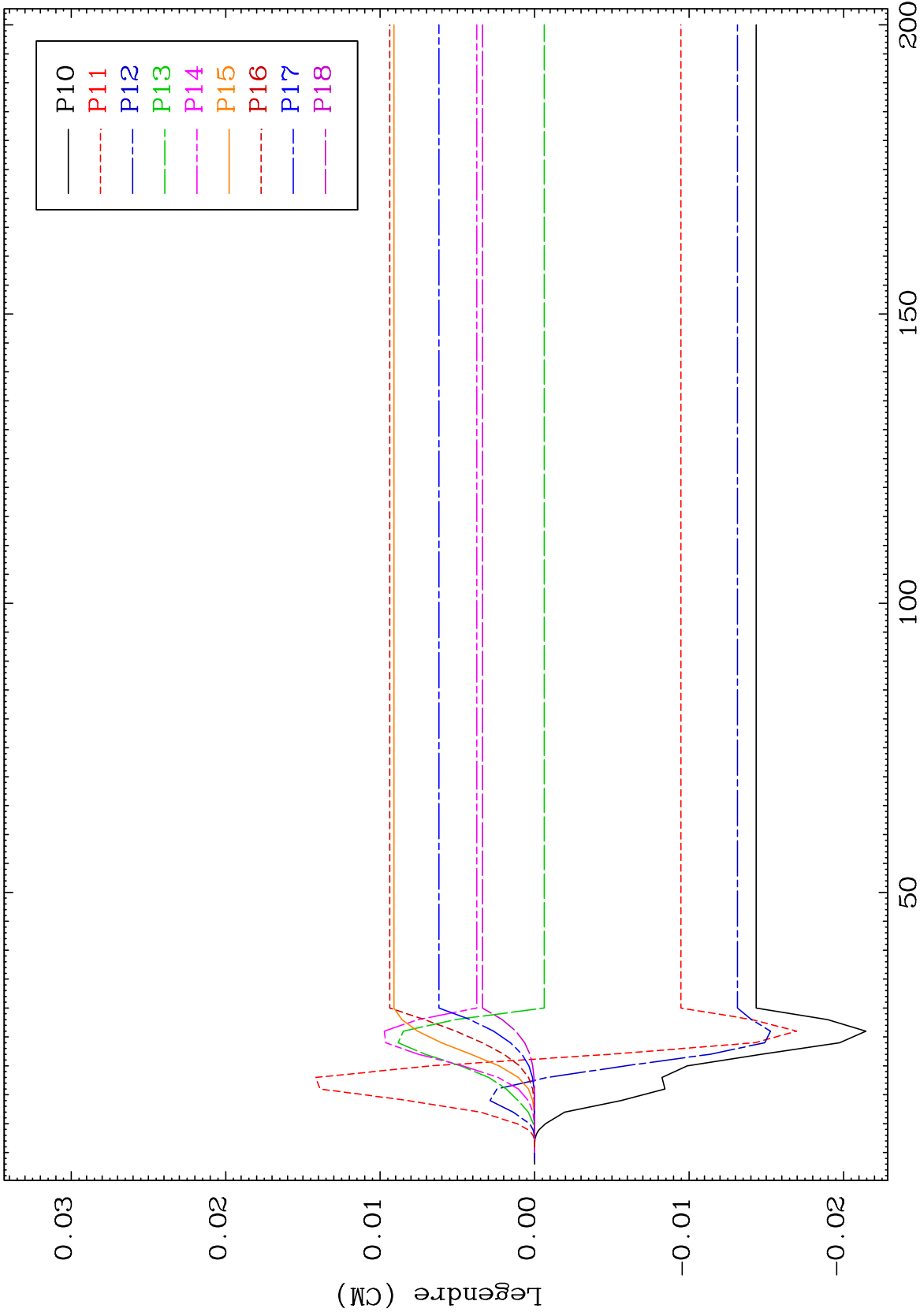
71



MAT 3252

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

32-Ge-79



72

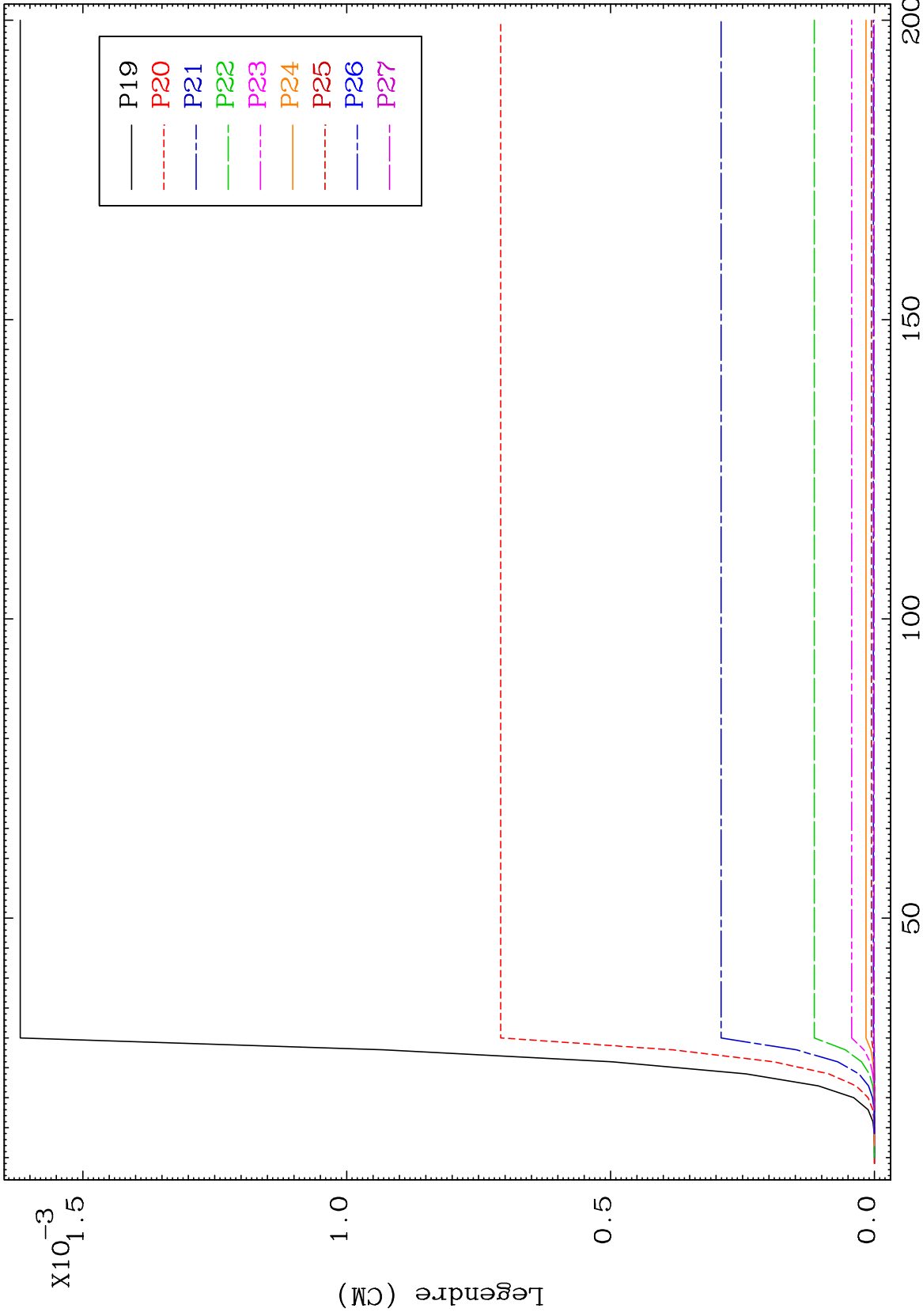
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



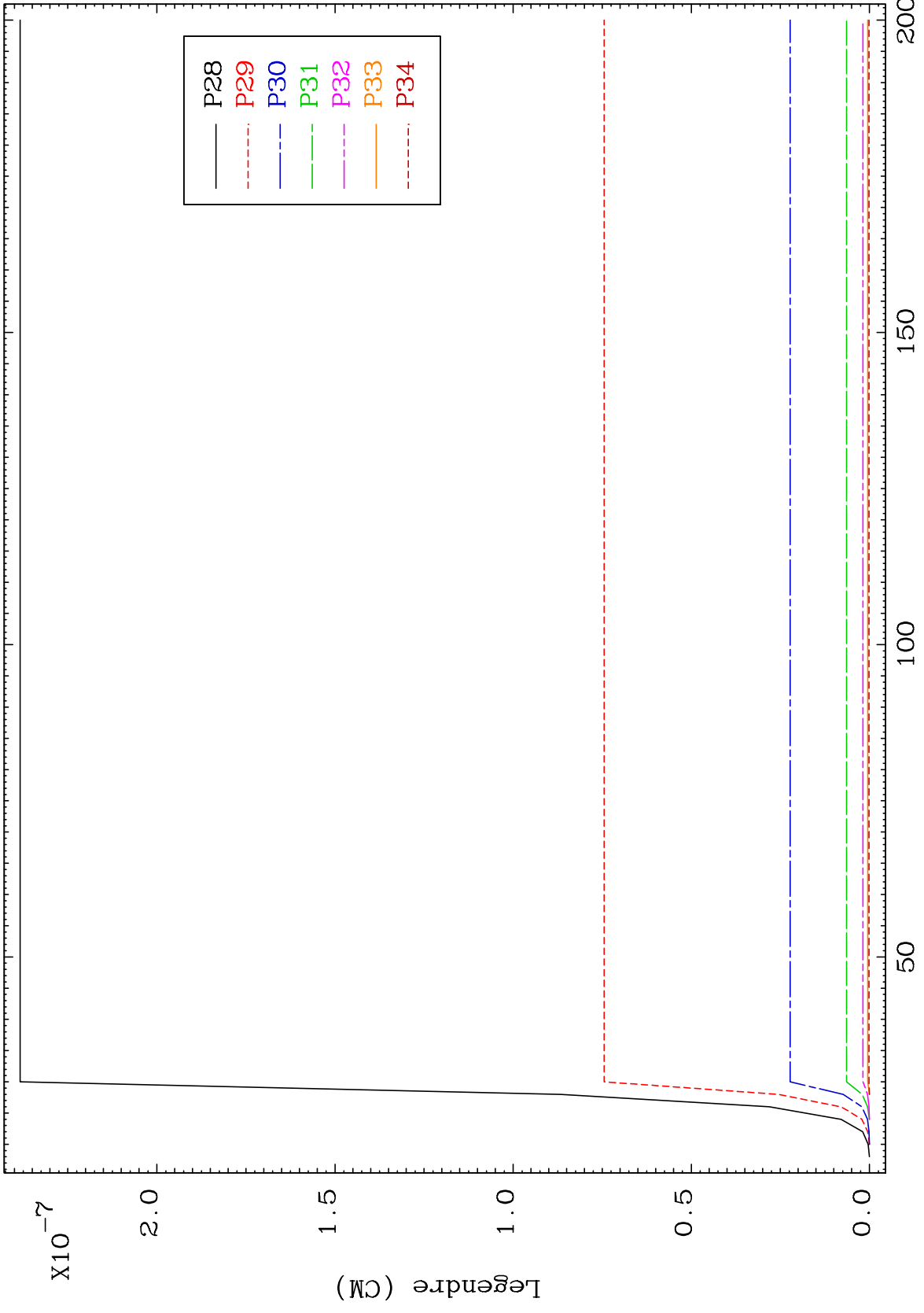
73

32-Ge-79

MAT 3252

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

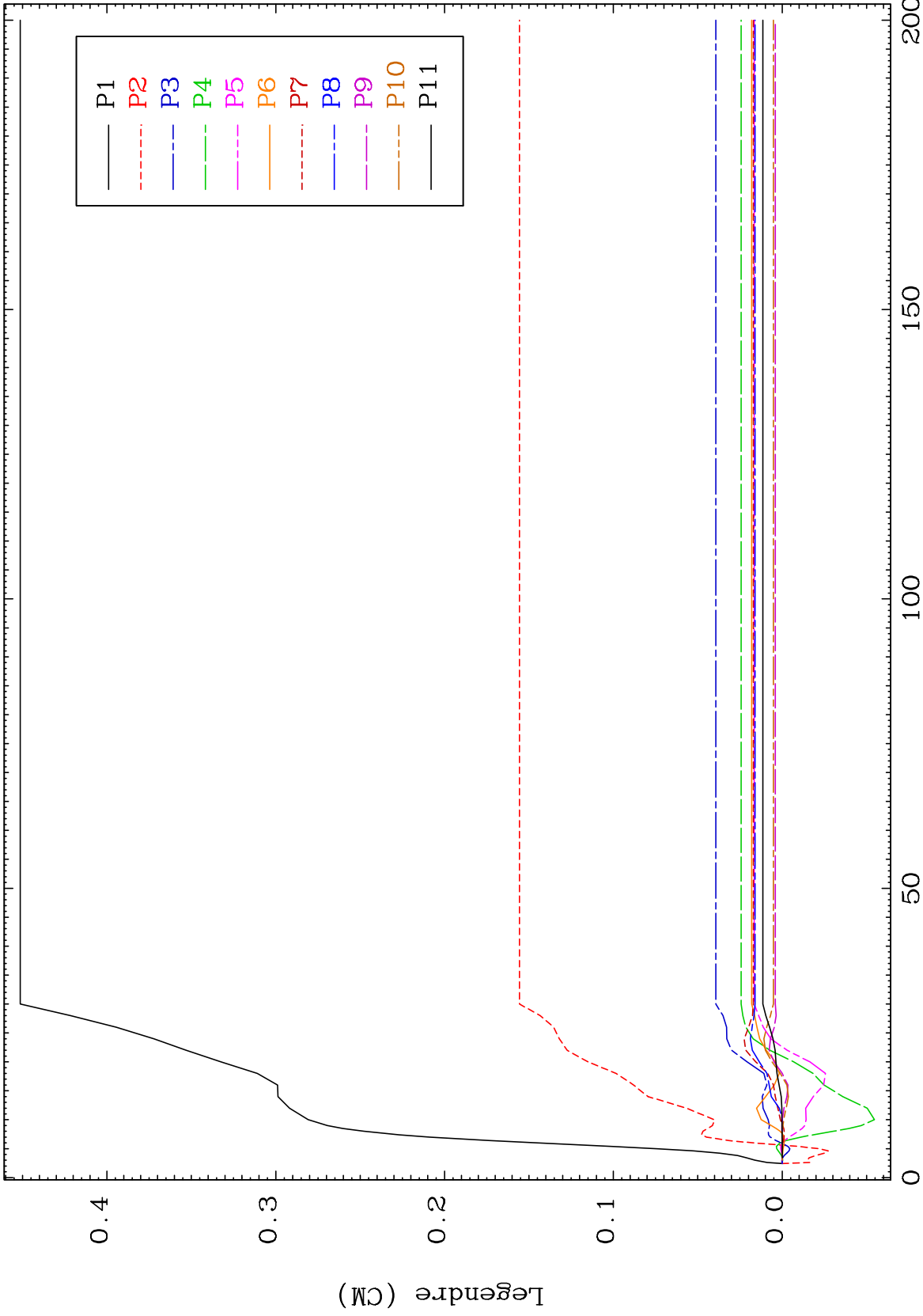
32-Ge-79



MAT 3252

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

32-Ge-79



75

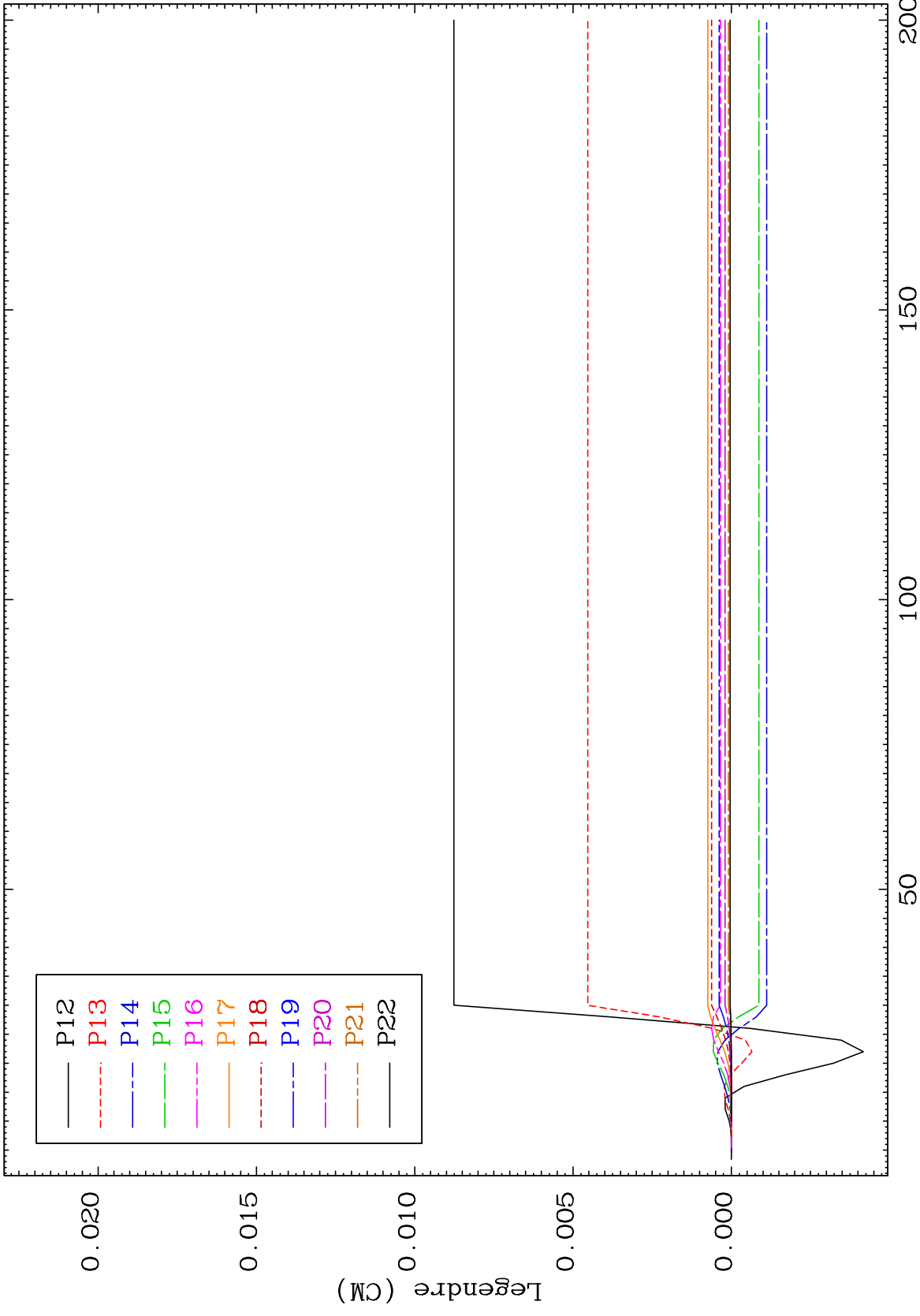
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



76

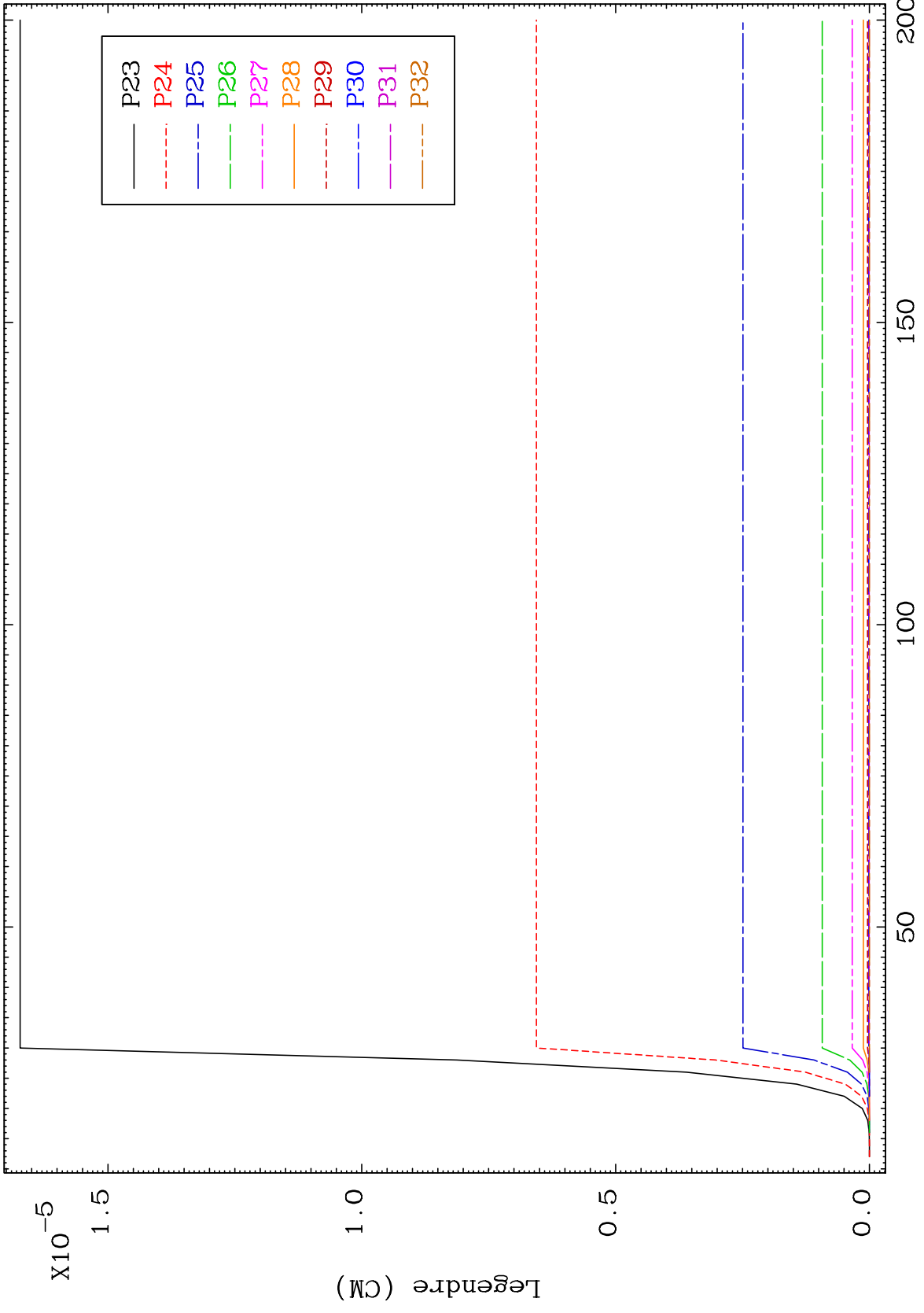
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



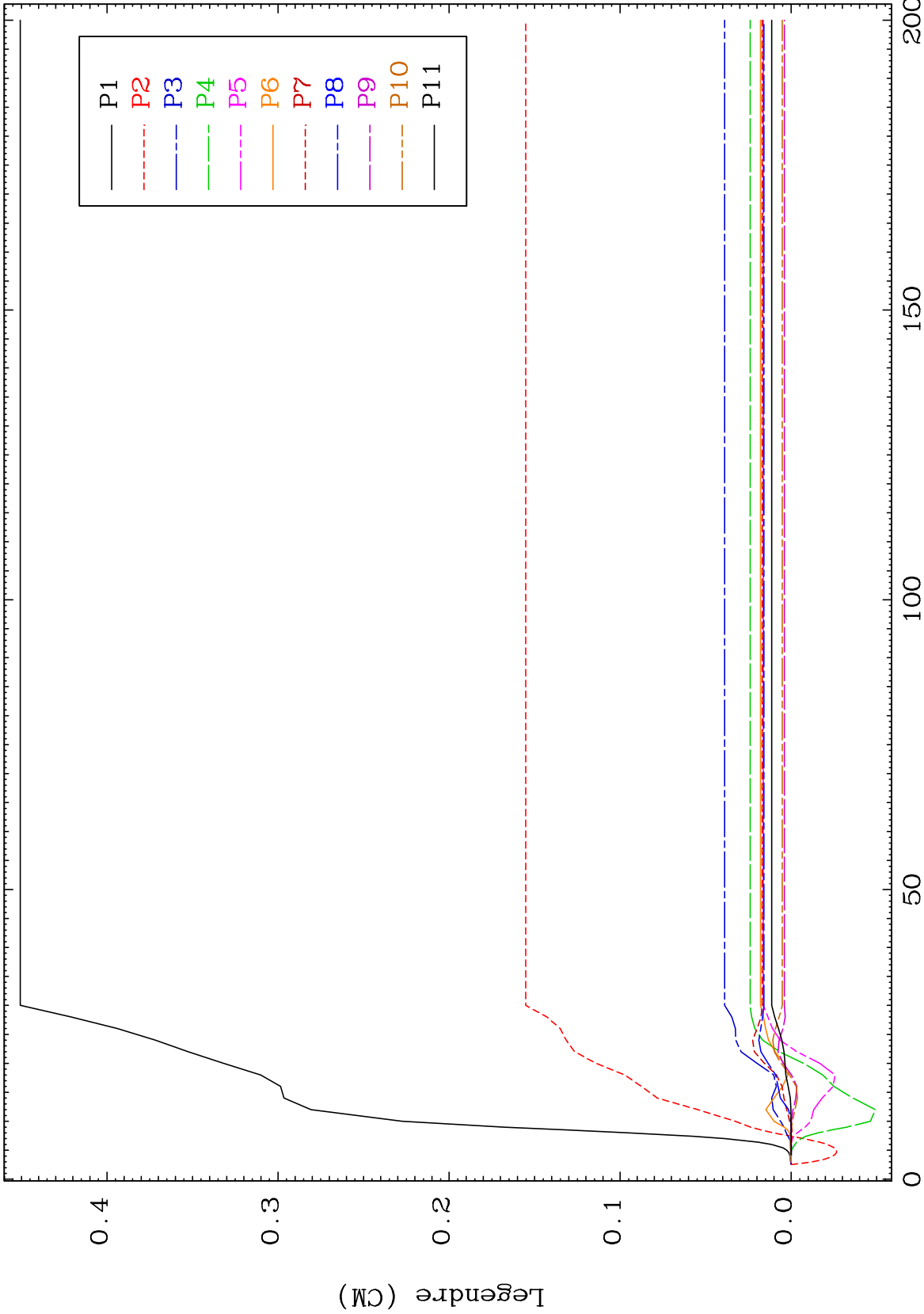
77

32-Ge-79

MAT 3252

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

32-Ge-79



78

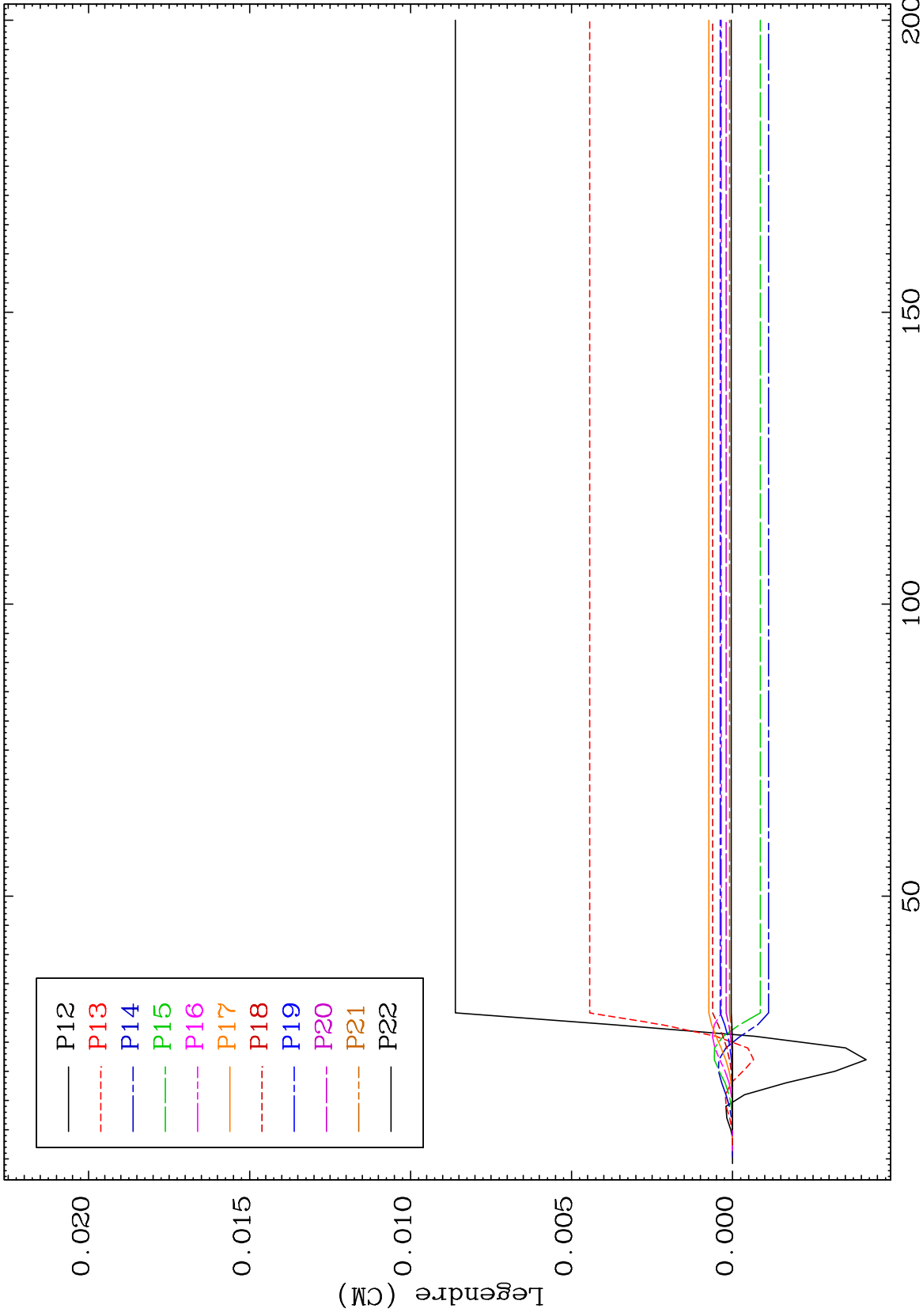
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



79

Incident Energy (MeV)

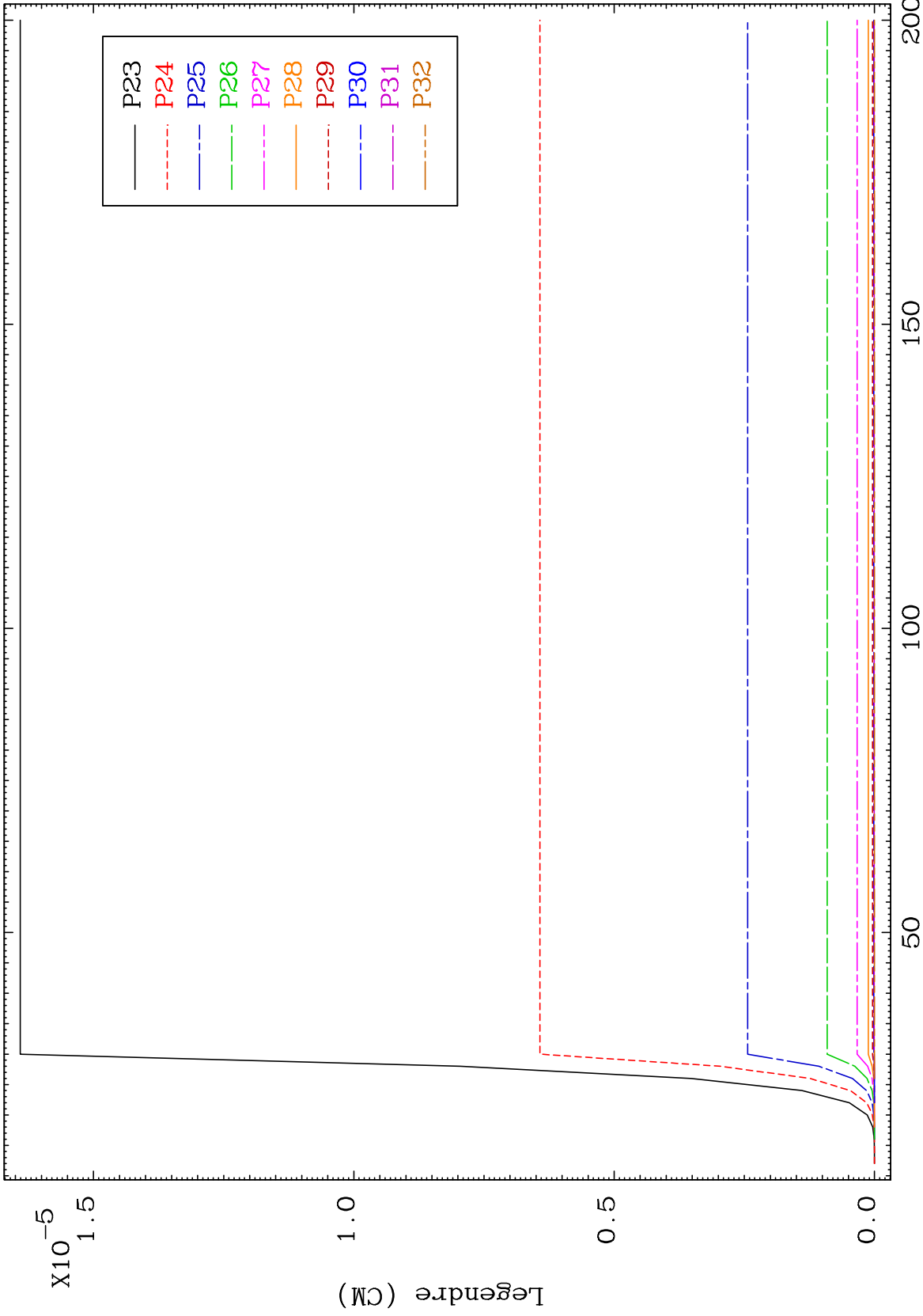
32-Ge-79



MAT 3252

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

32-Ge-79



80

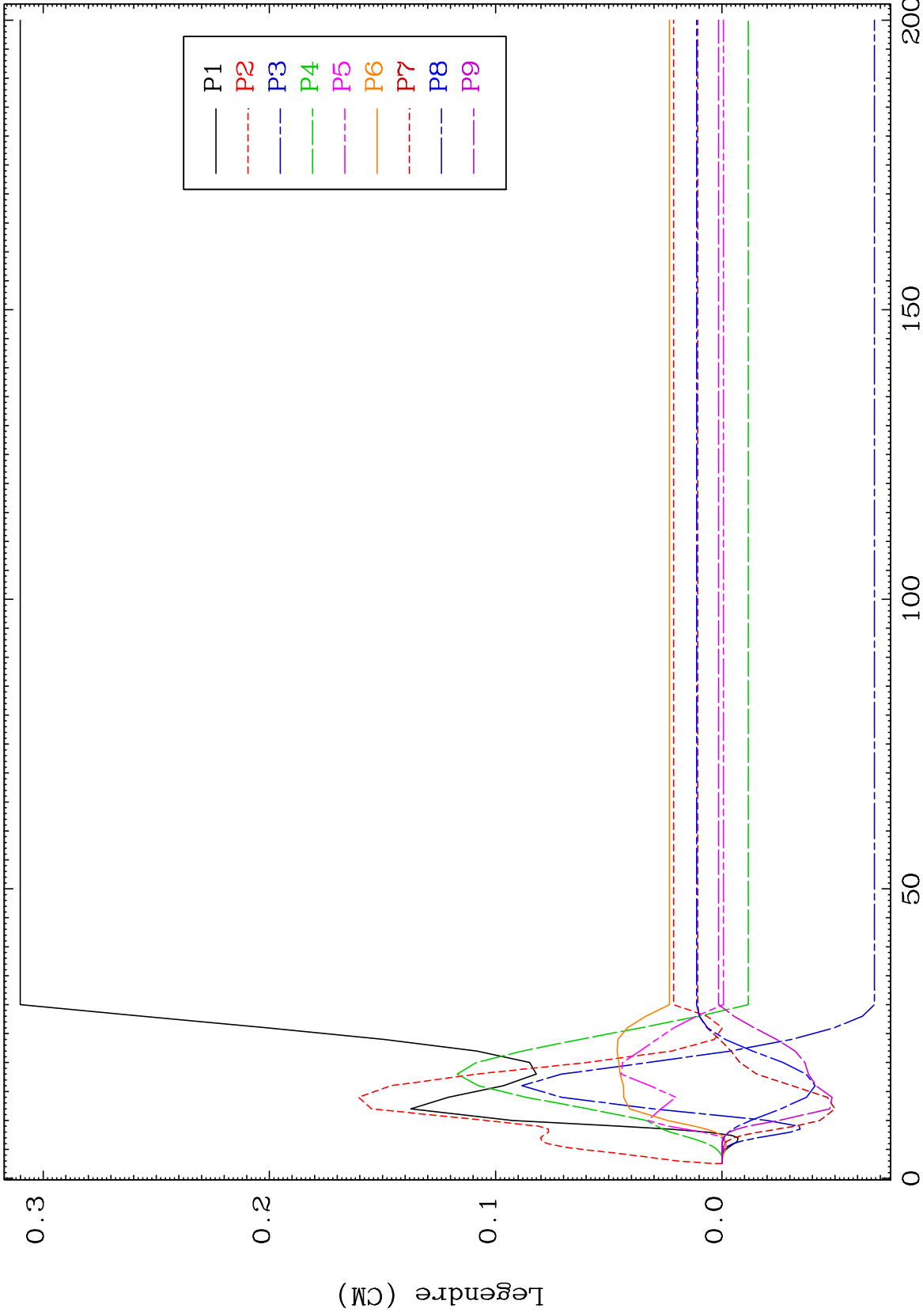
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

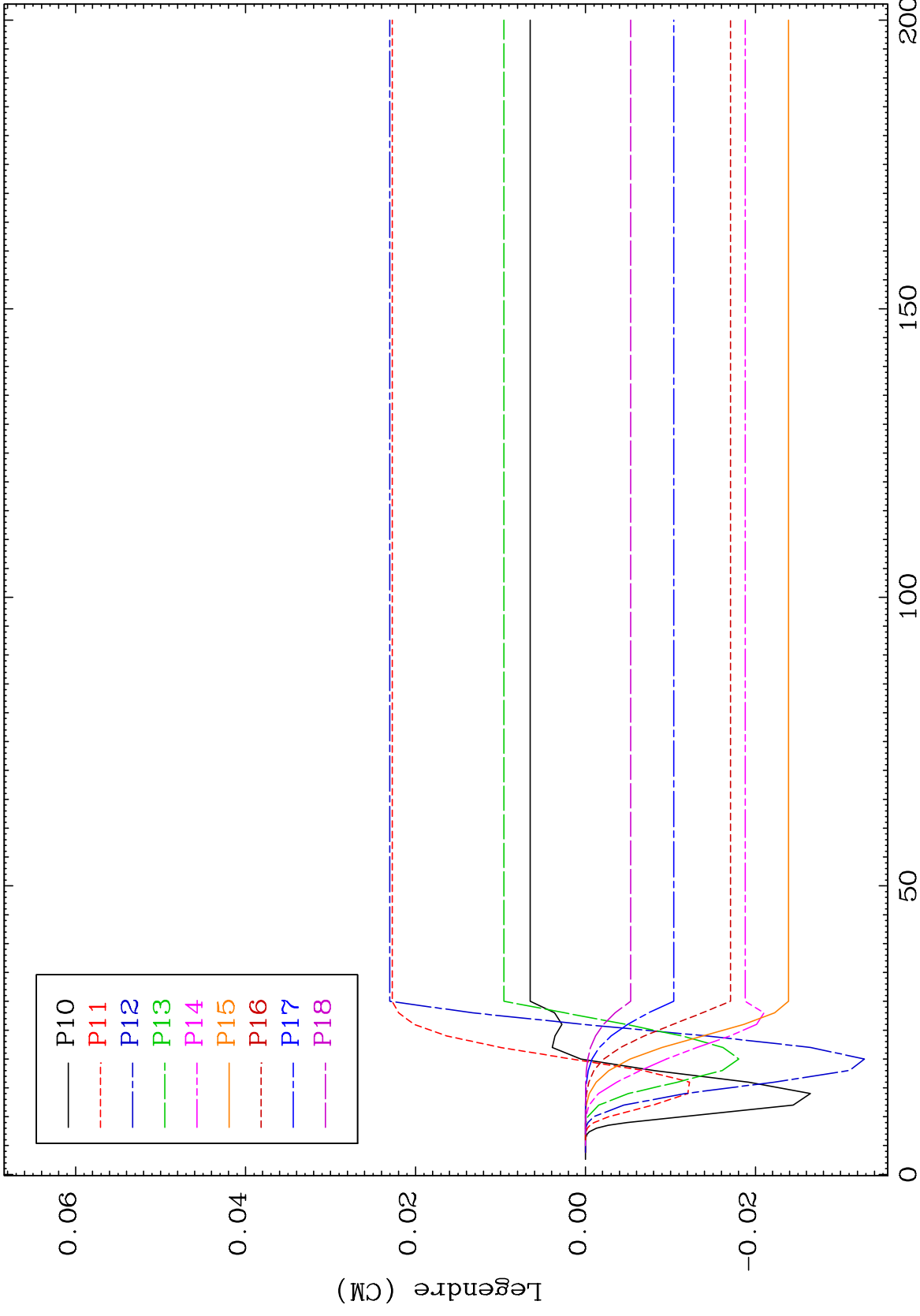
32-Ge-79



81

Incident Energy (MeV)

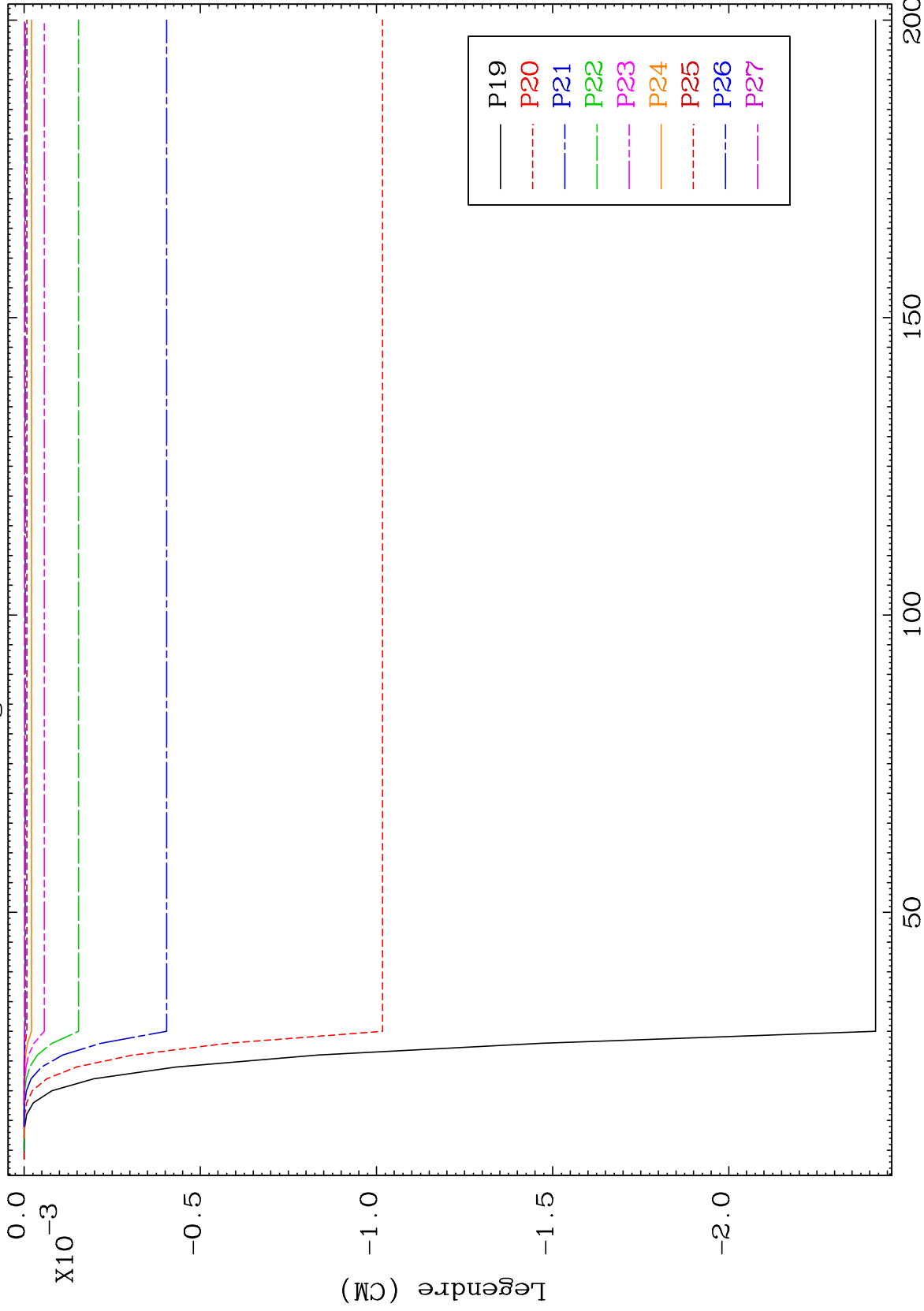
32-Ge-79



MAT 3252

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

32-Ge-79



83

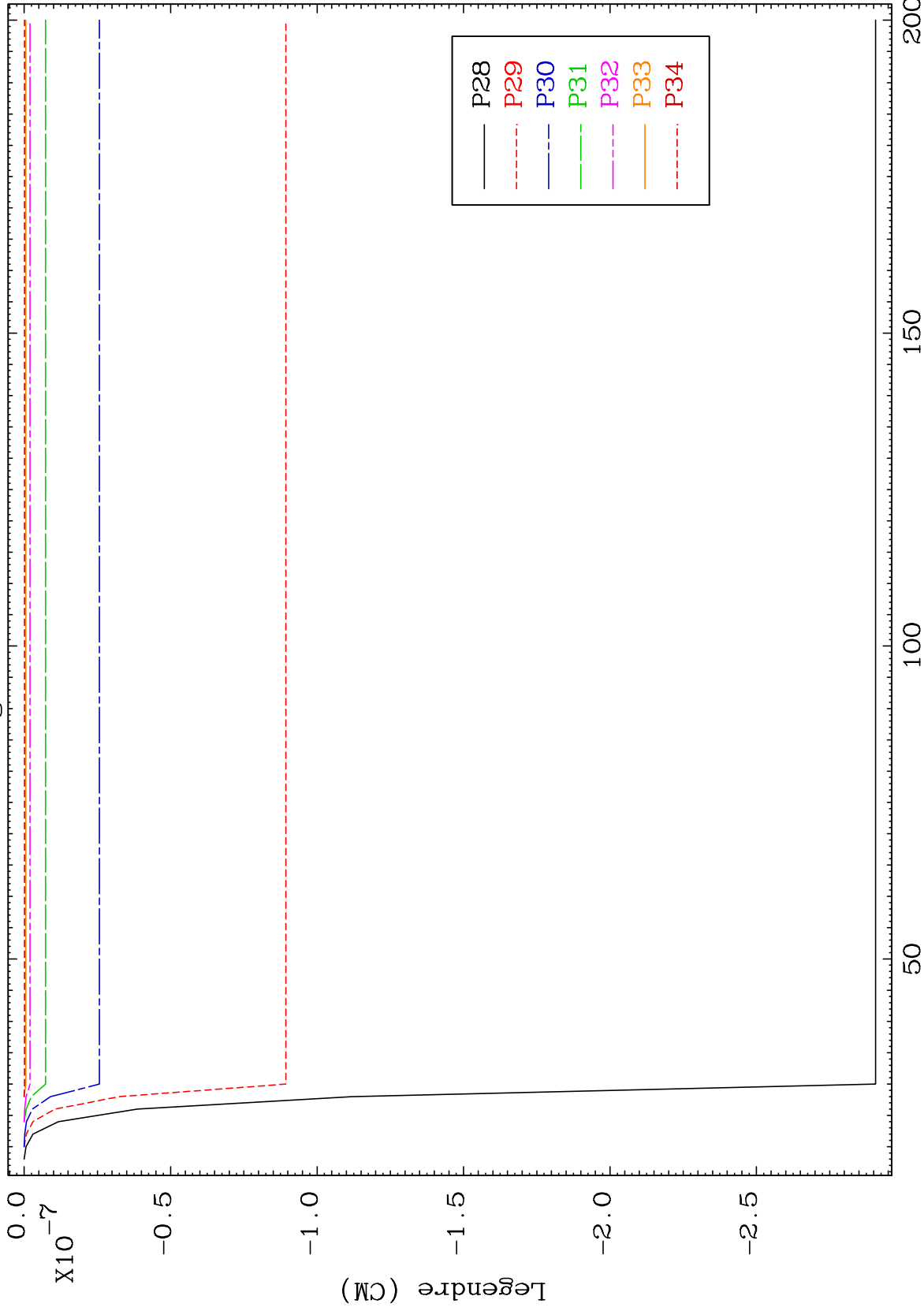
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



84

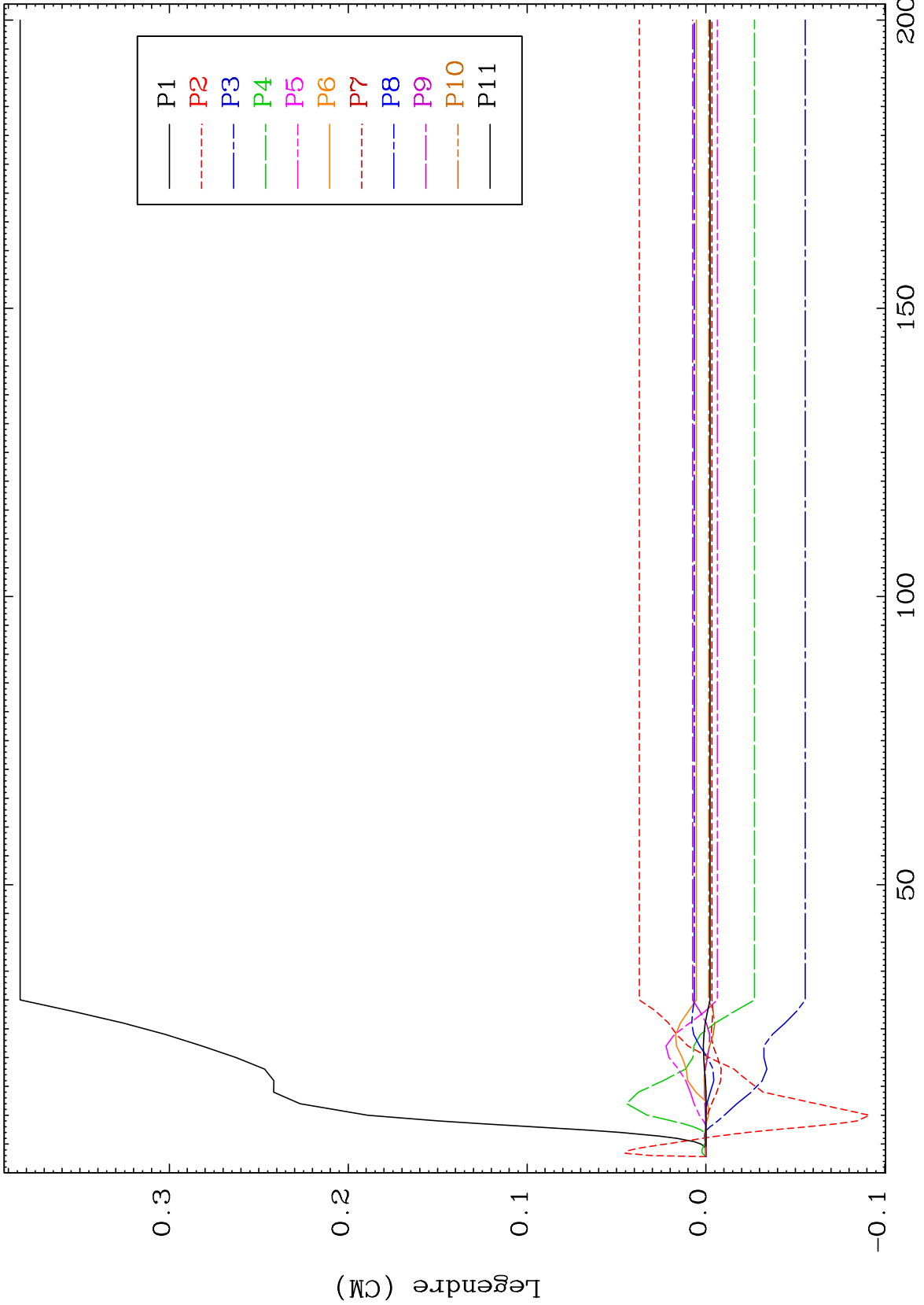
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

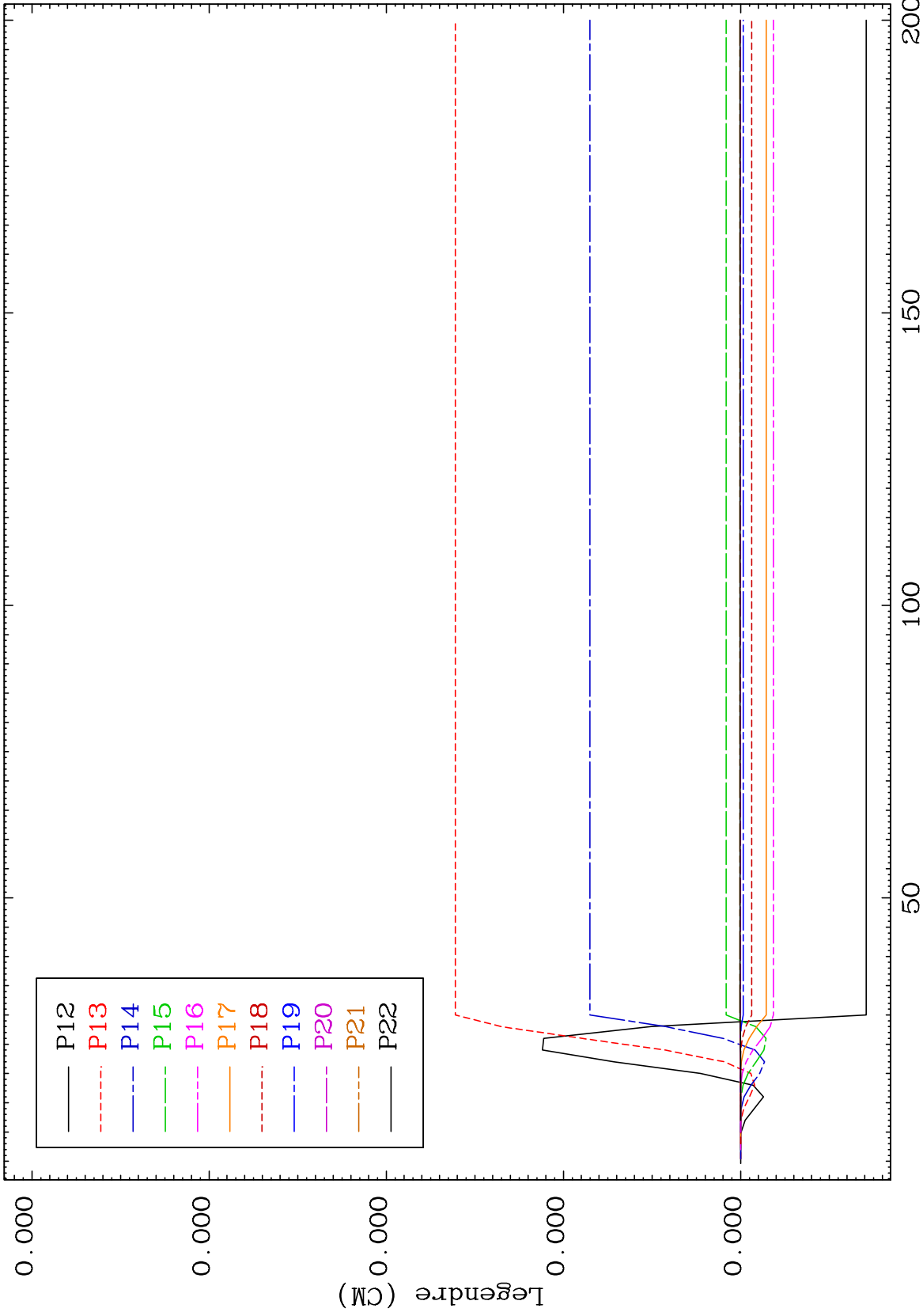
32-Ge-79



85

Incident Energy (MeV)

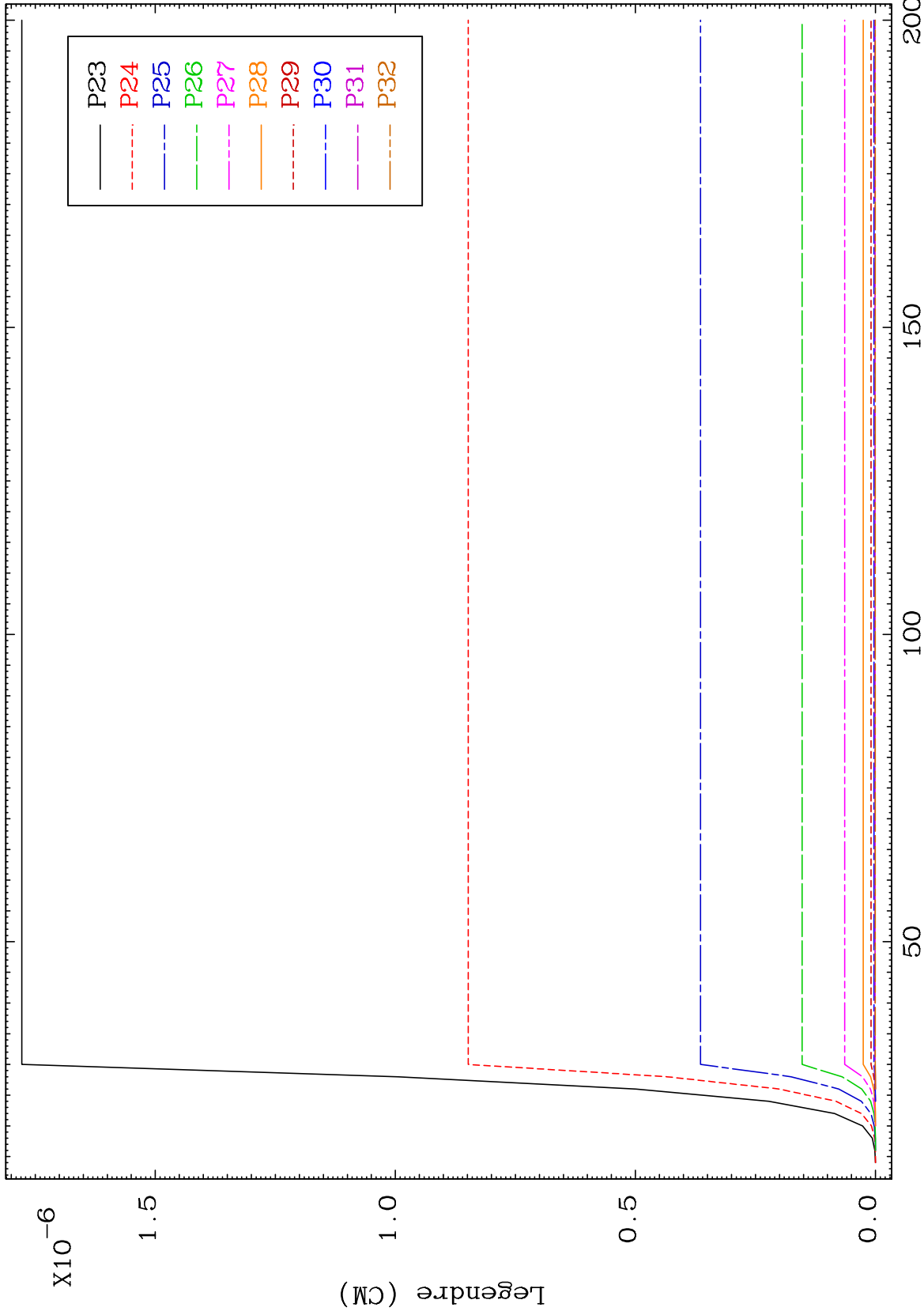
32-Ge-79



MAT 3252

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

32-Ge-79



87

Incident Energy (MeV)

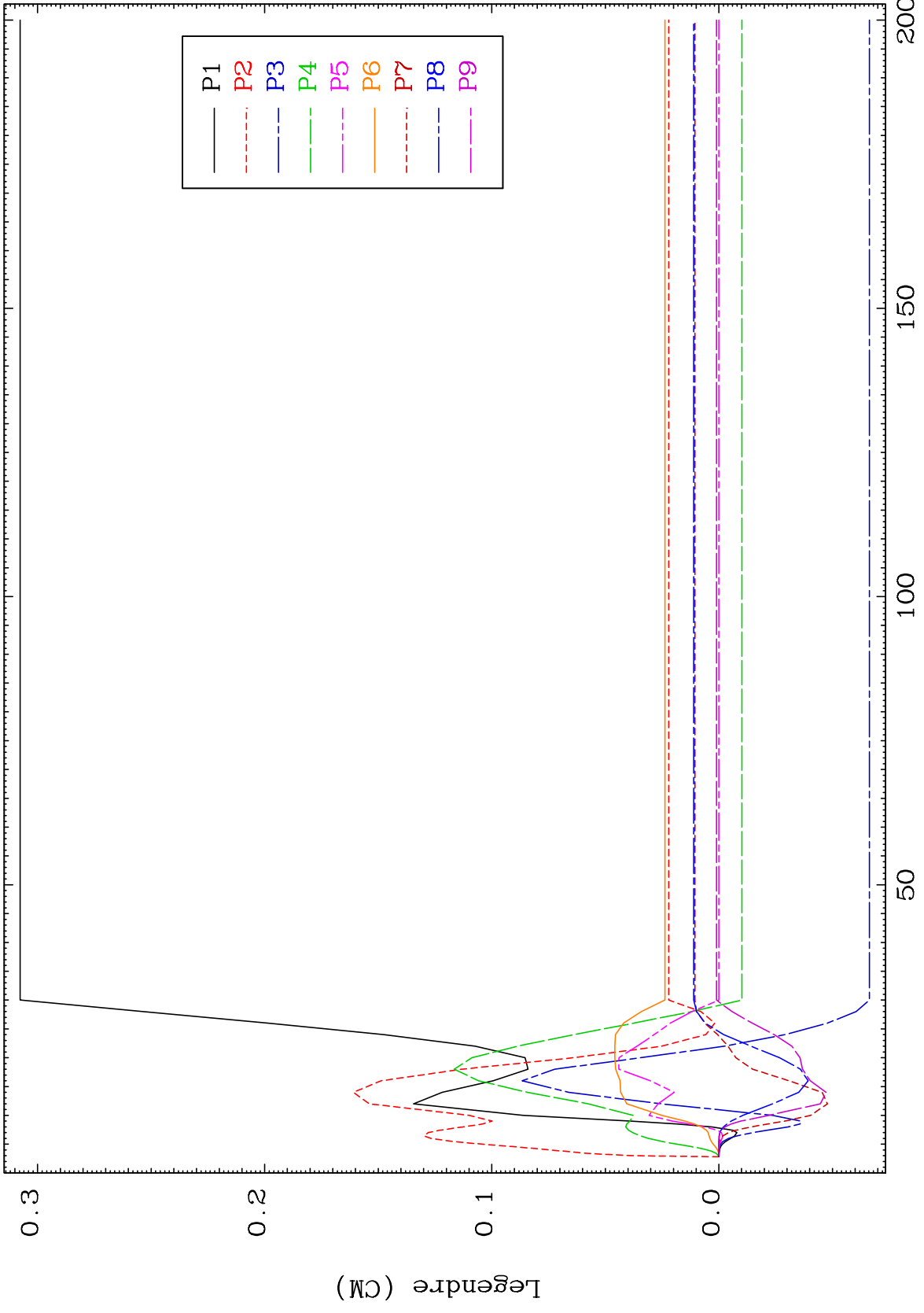
32-Ge-79



MAT 3252

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

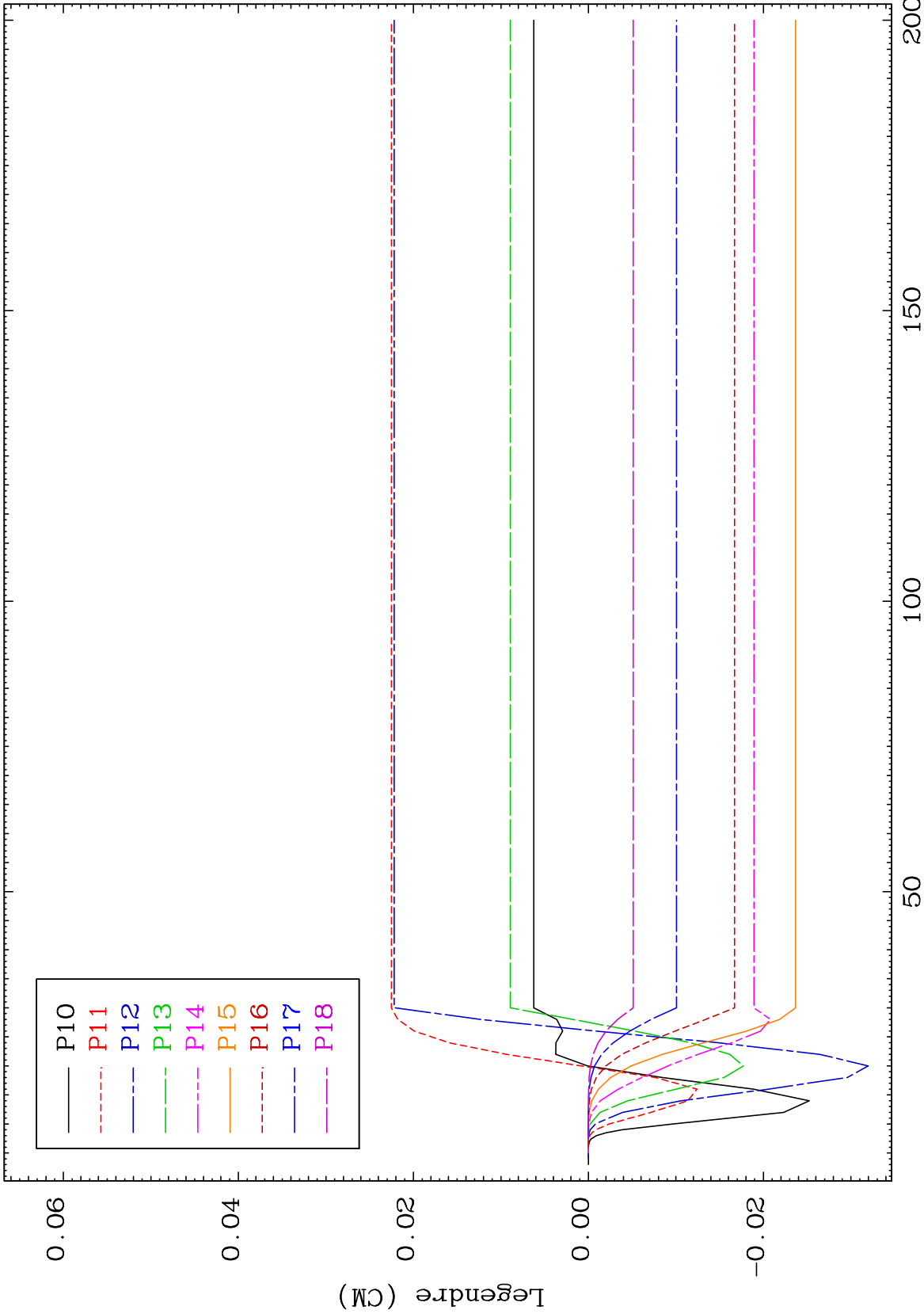
32-Ge-79



88

Incident Energy (MeV)

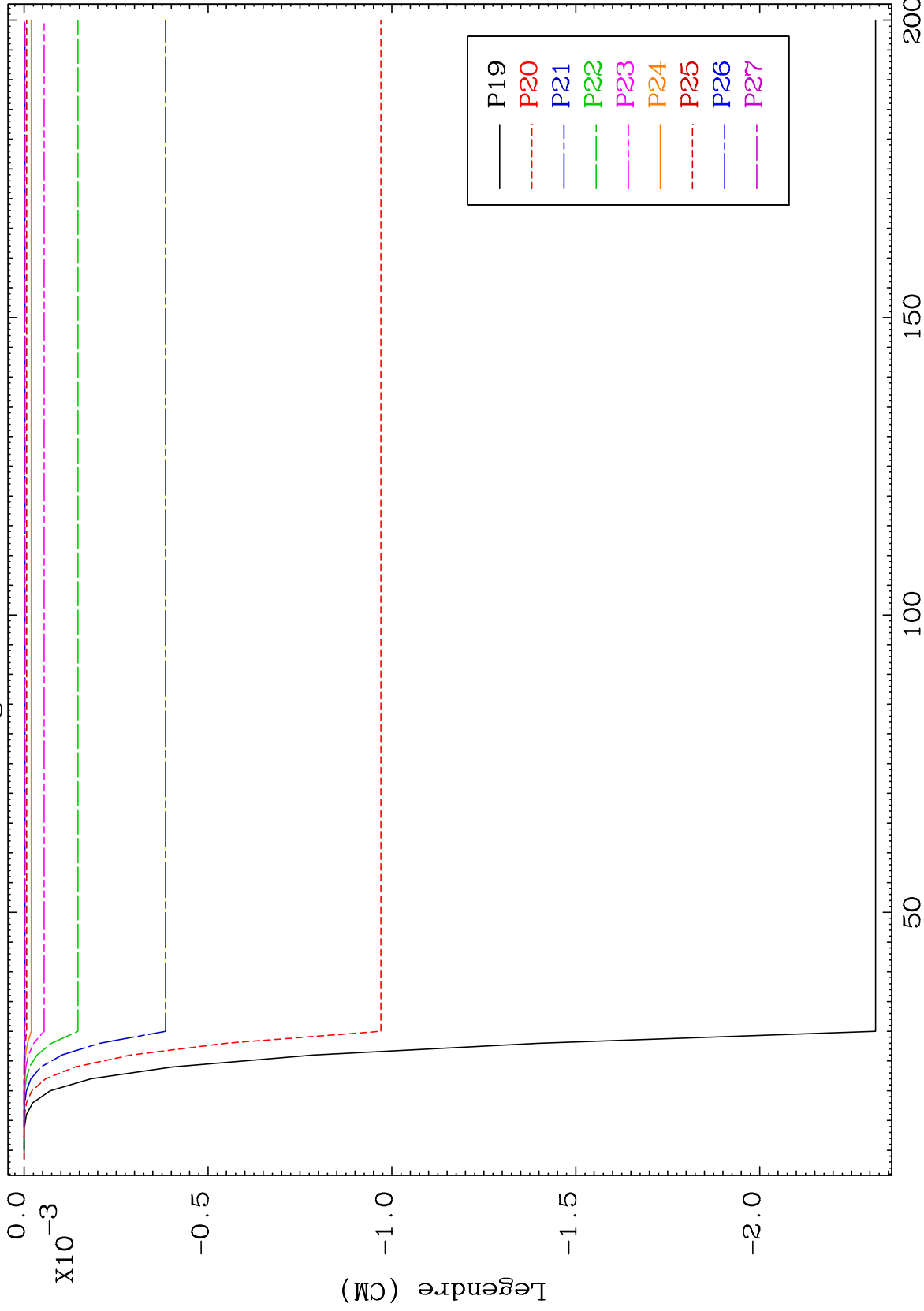
32-Ge-79



MAT 3252

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

32-Ge-79



90

Incident Energy (MeV)

50

100

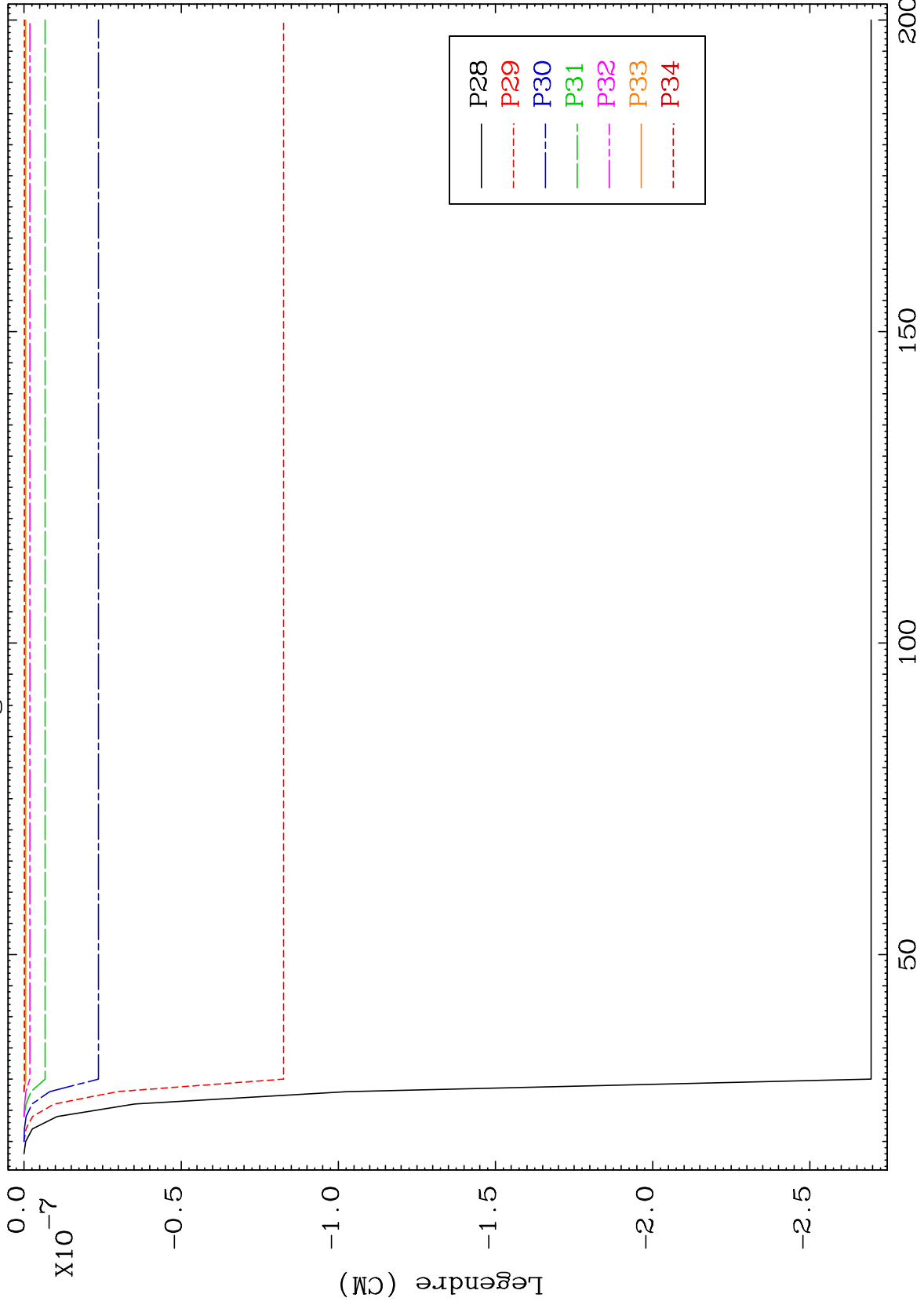
150

200

MAT 3252

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

32-Ge-79



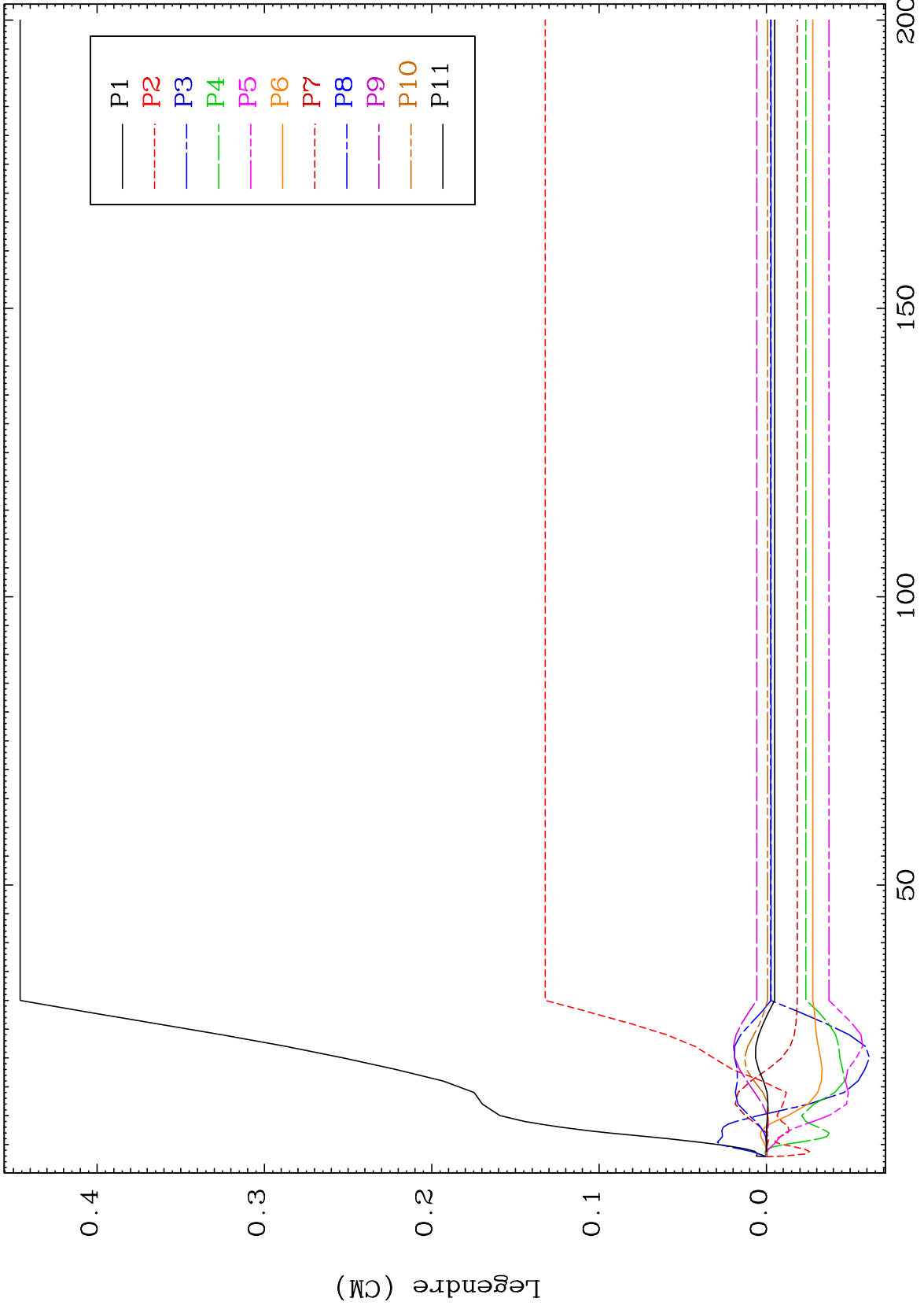
91

32-Ge-79

MAT 3252

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

32-Ge-79

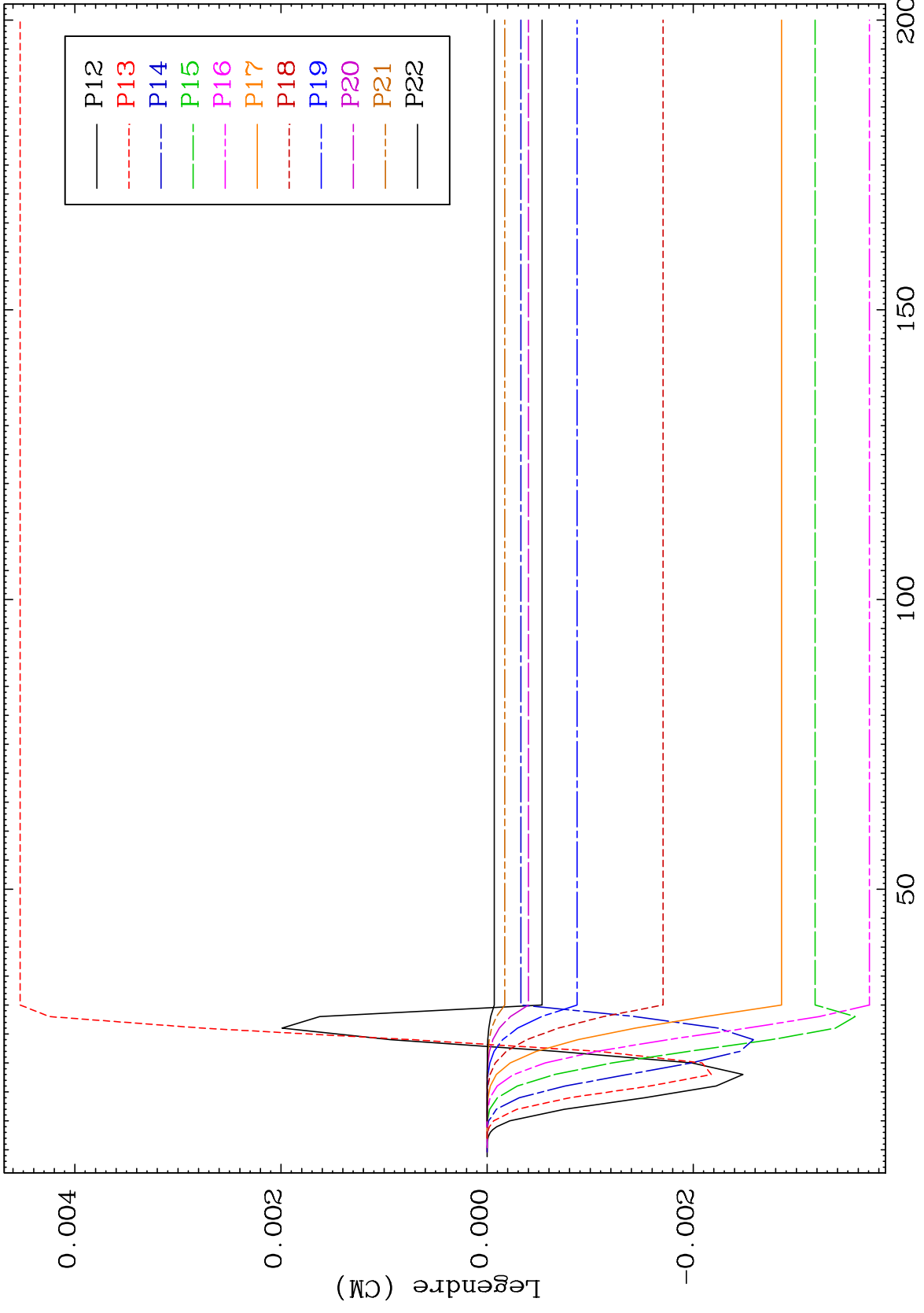


92

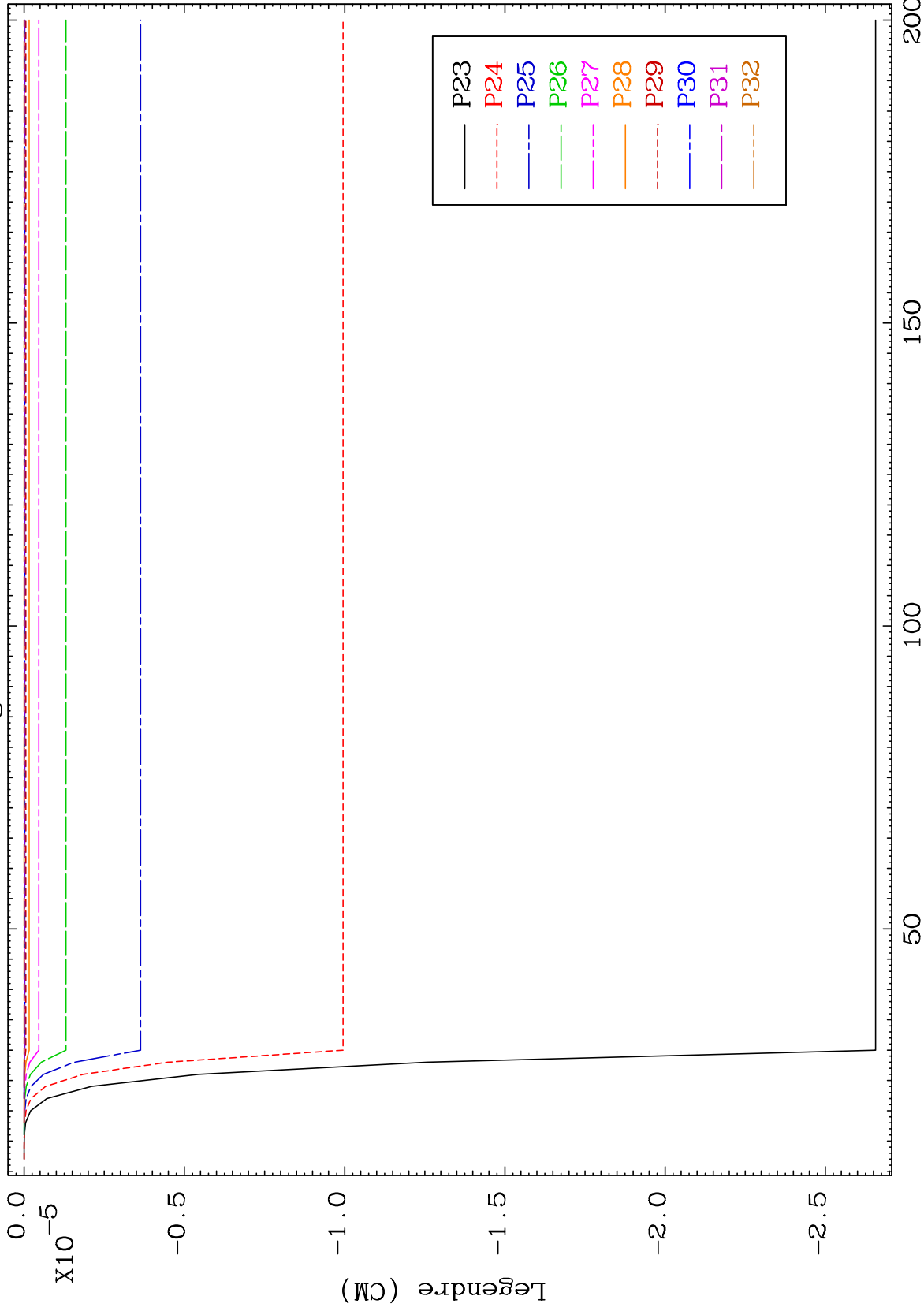
Incident Energy (MeV)

32-Ge-79

MAT 3252 MT= 70 (n,n') Level Legendre Coefficients 32-Ge-79



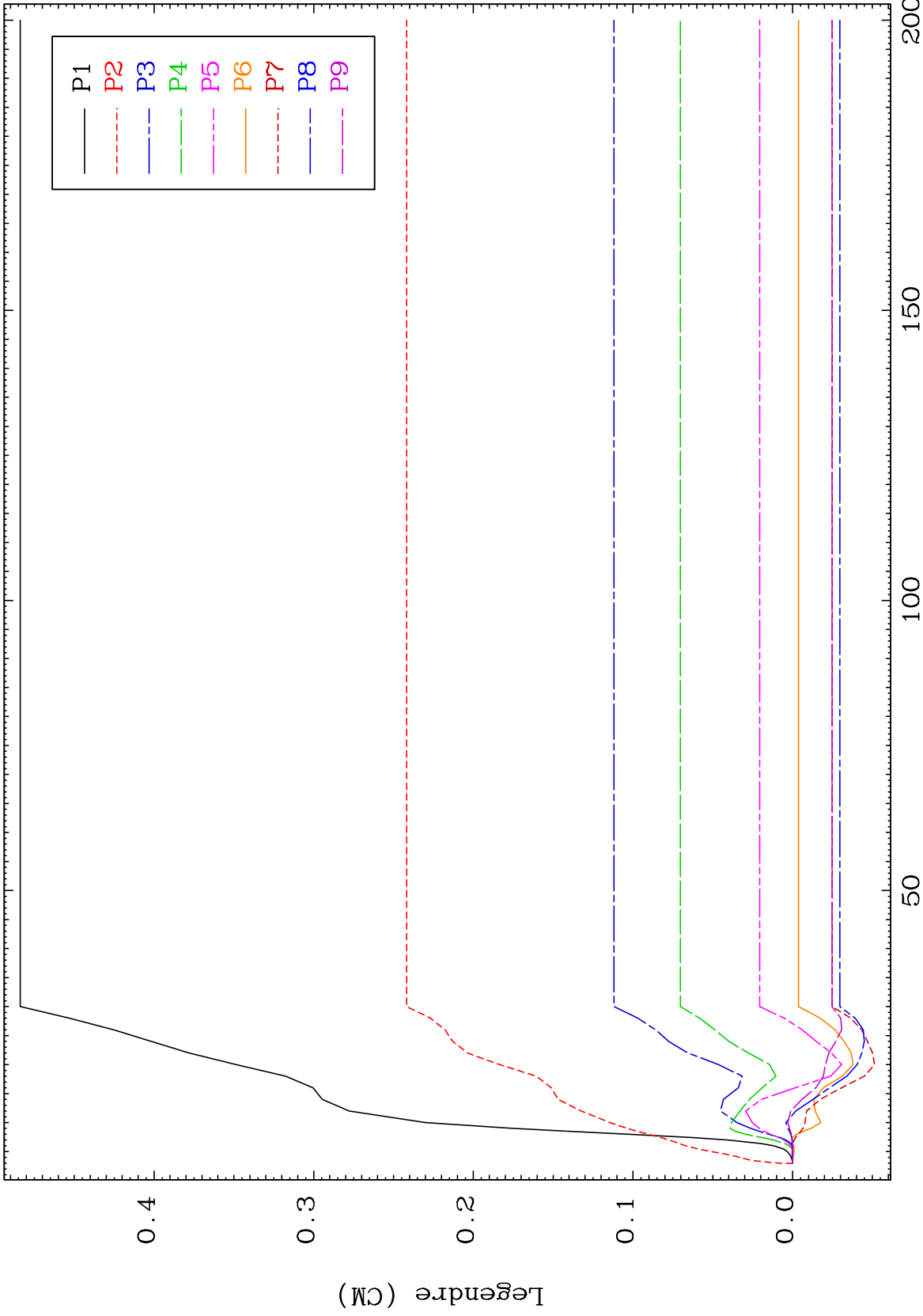
93 32-Ge-79



MAT 3252

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

32-Ge-79



95

Incident Energy (MeV)

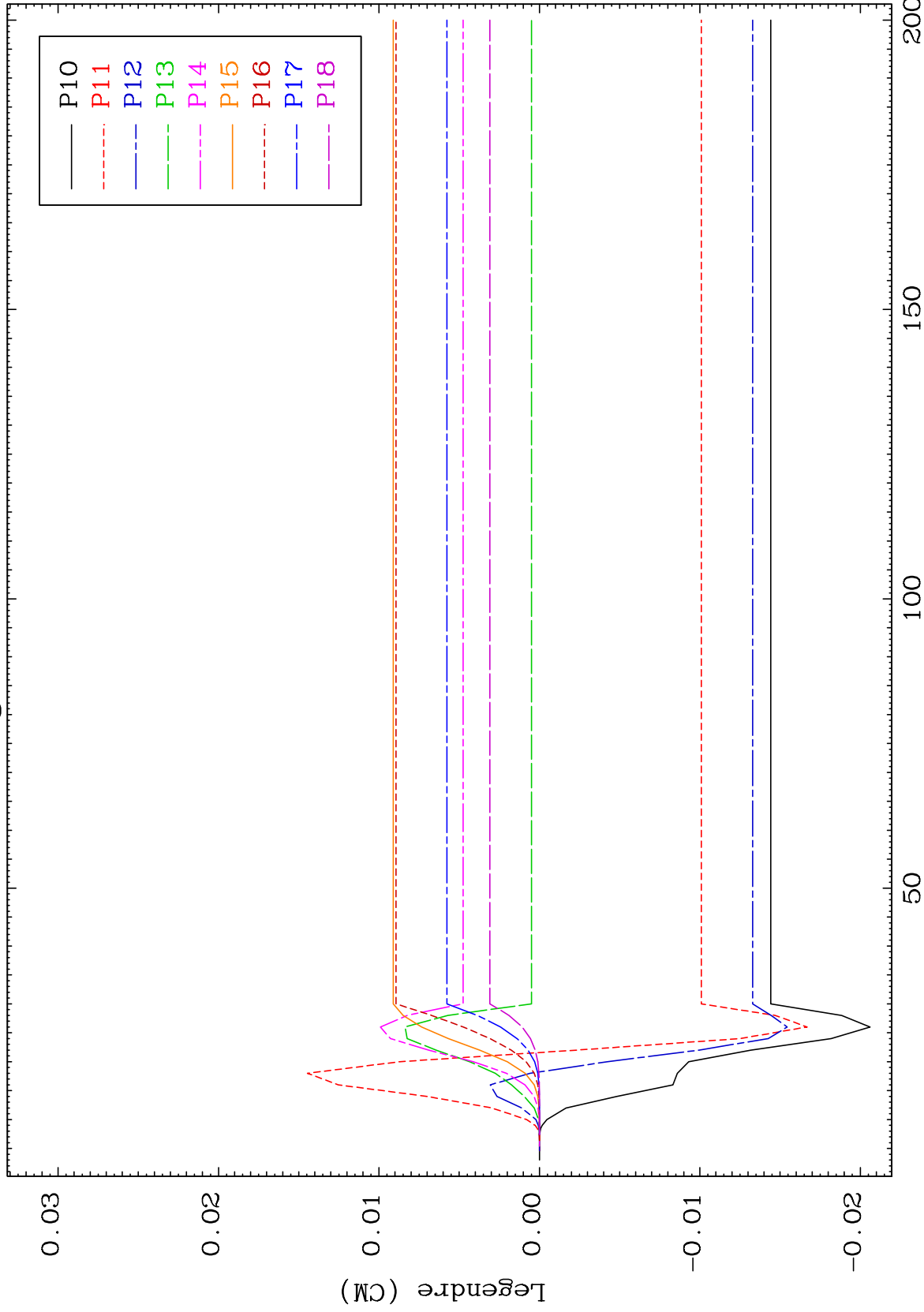
32-Ge-79



MAT 3252

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

32-Ge-79



96

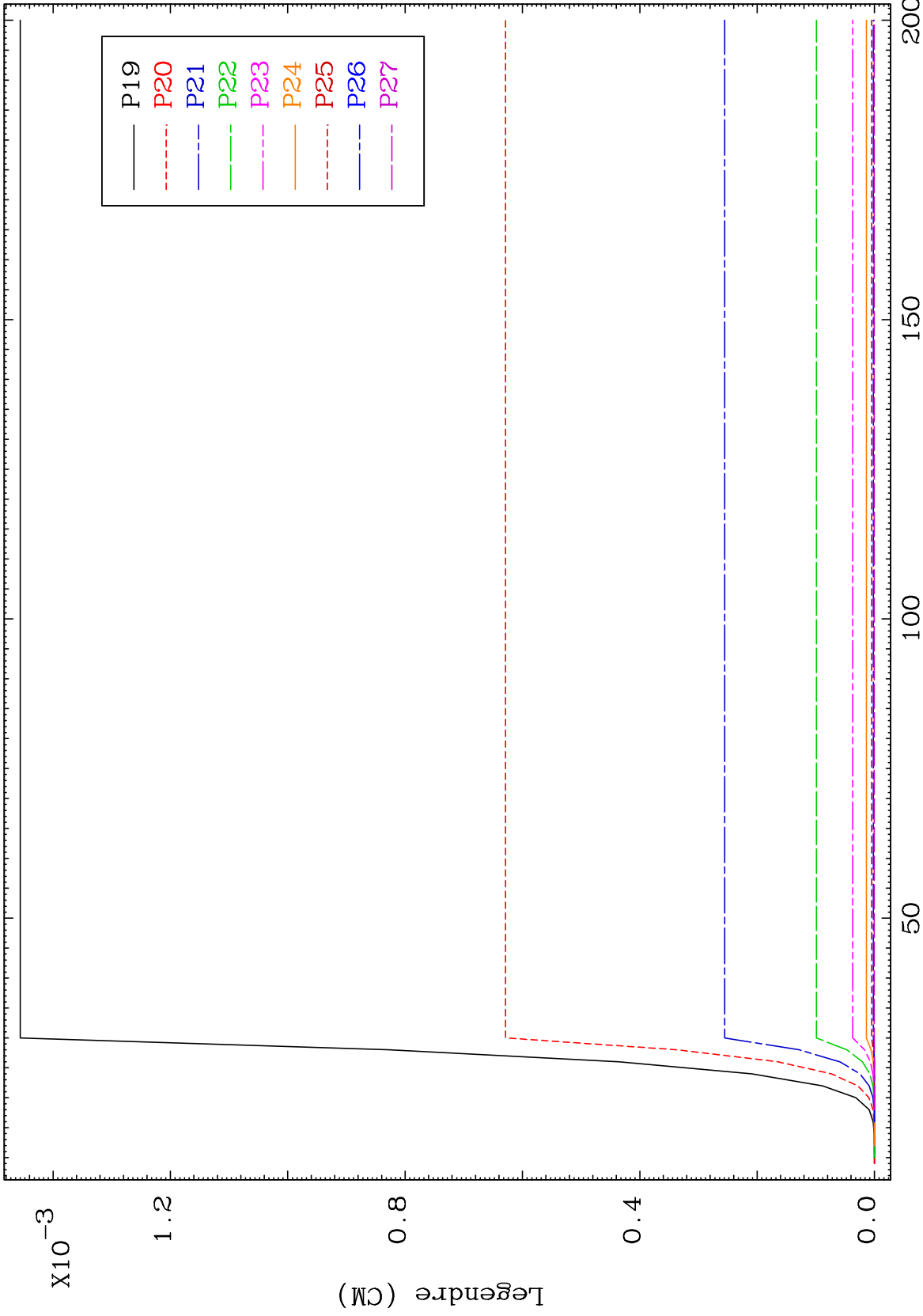
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



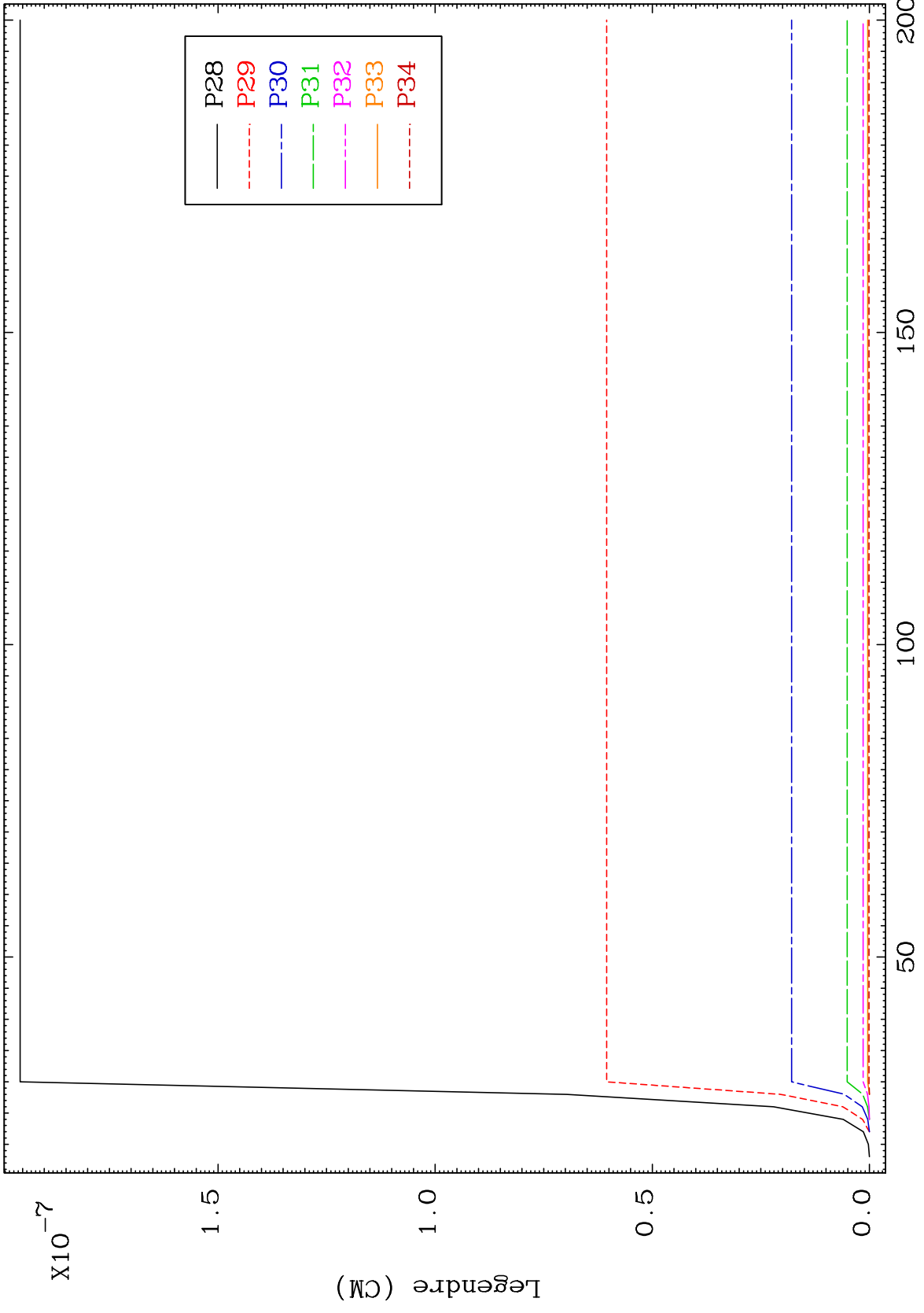
97

32-Ge-79

MAT 3252

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

32-Ge-79



98

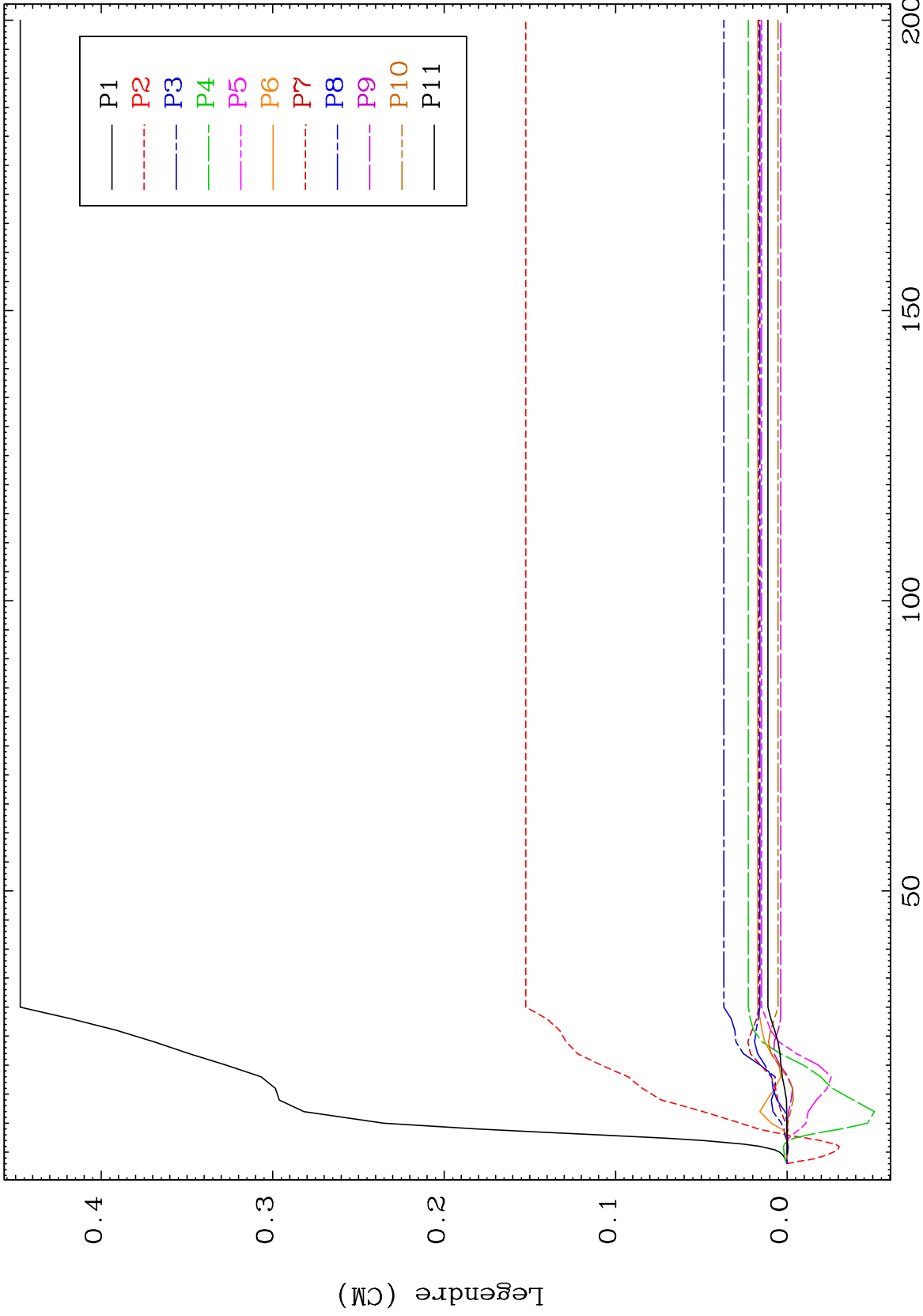
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



99

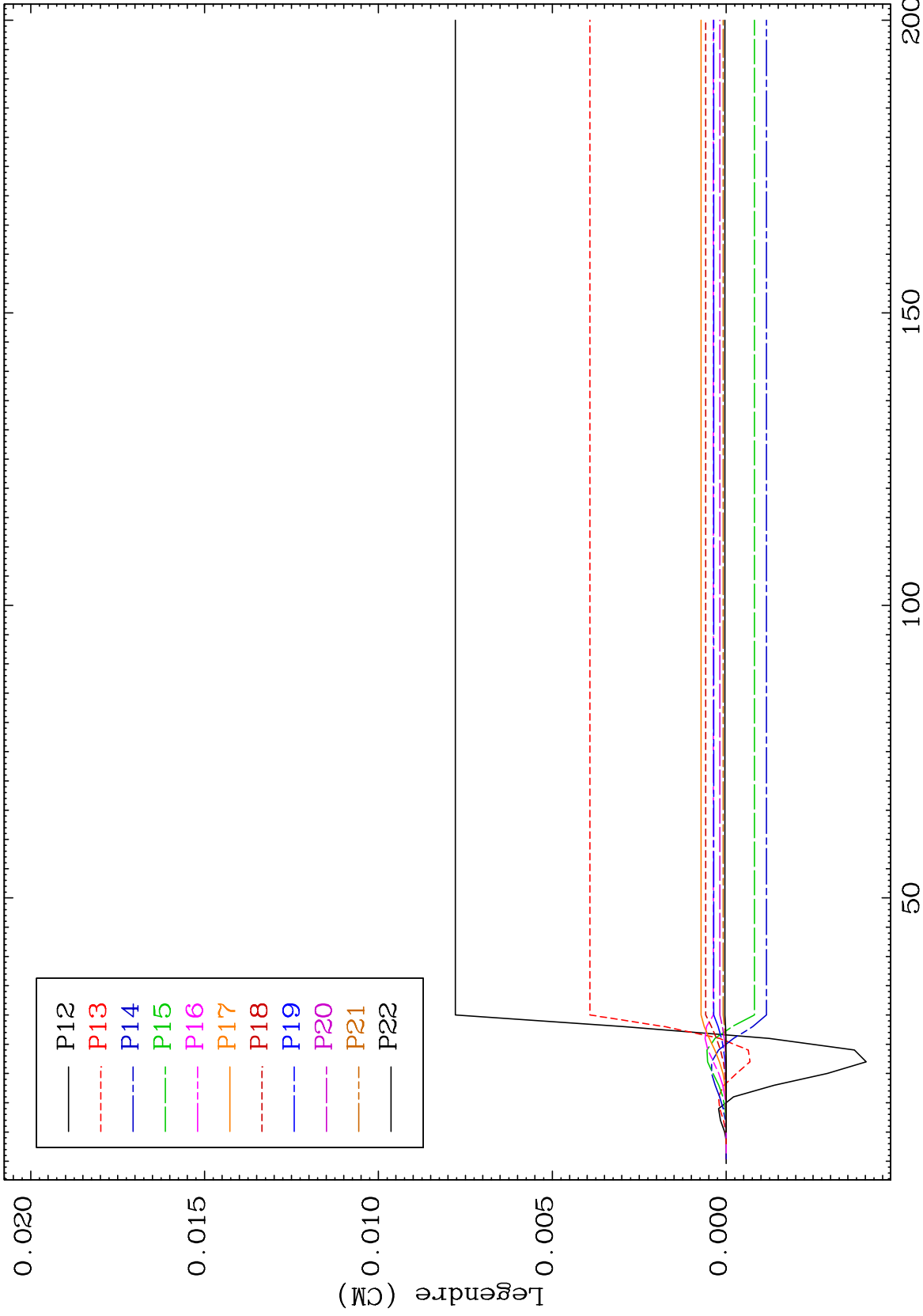
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



100

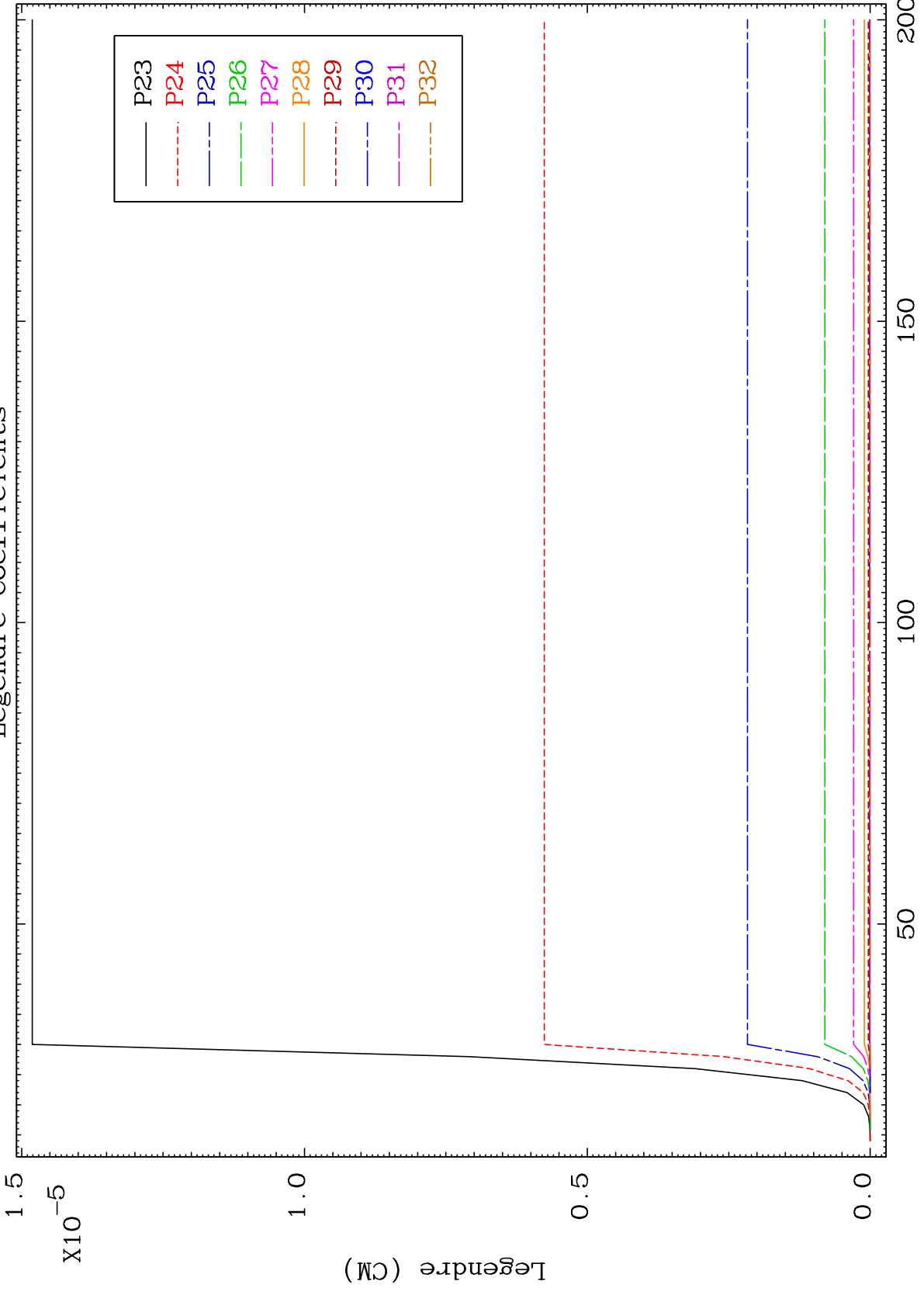
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



101

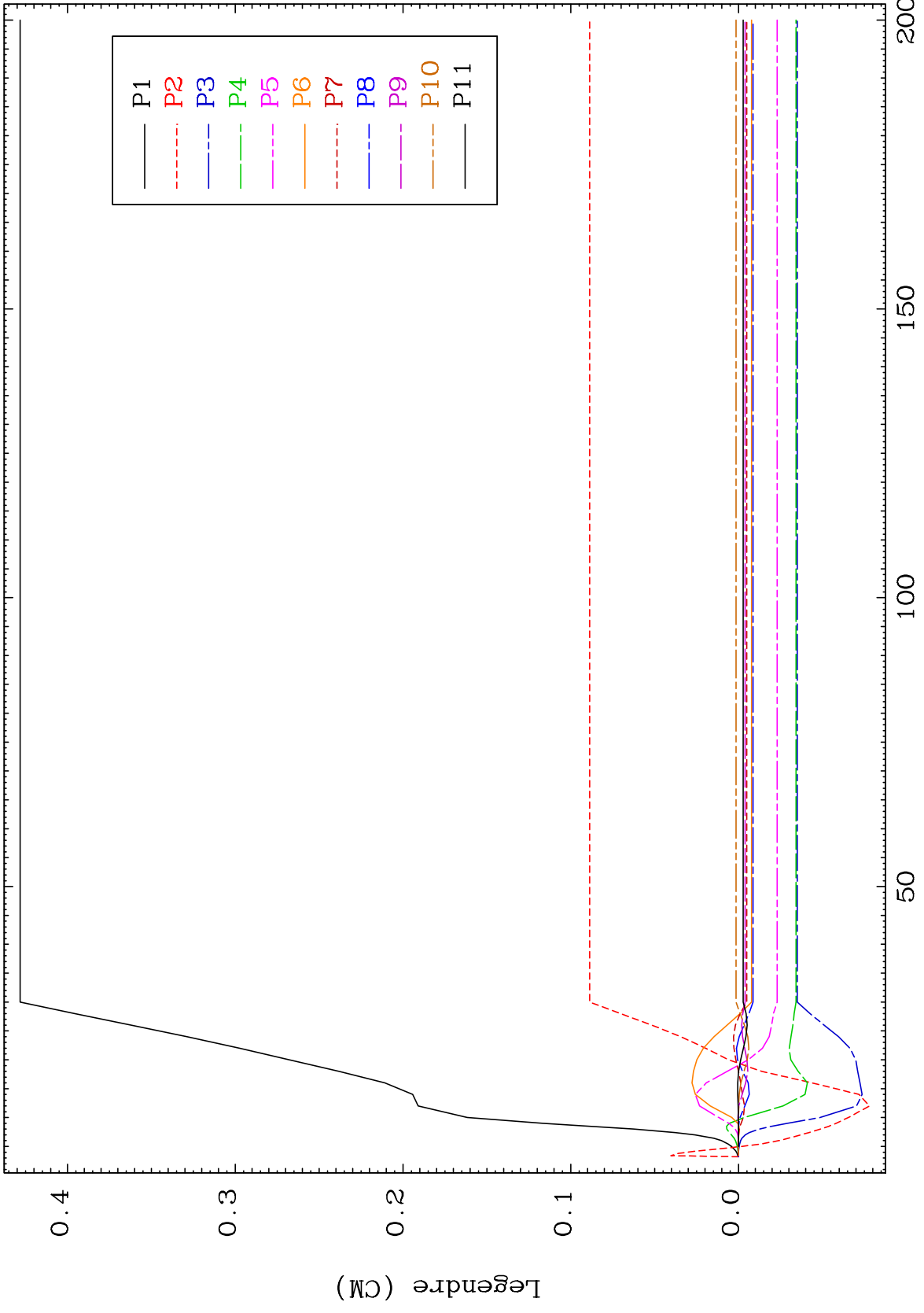
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



102

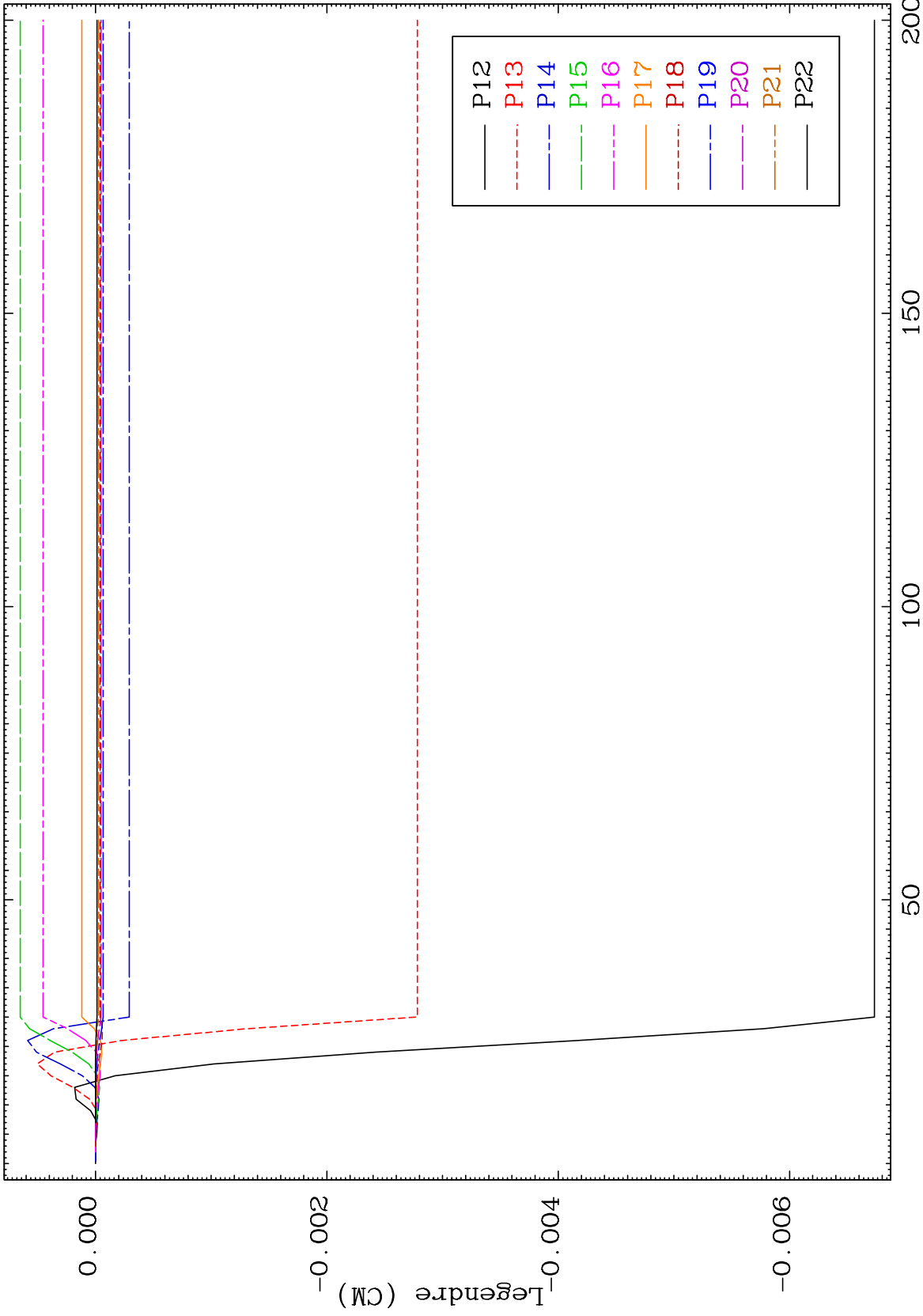
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



32-Ge-79

Incident Energy (MeV)

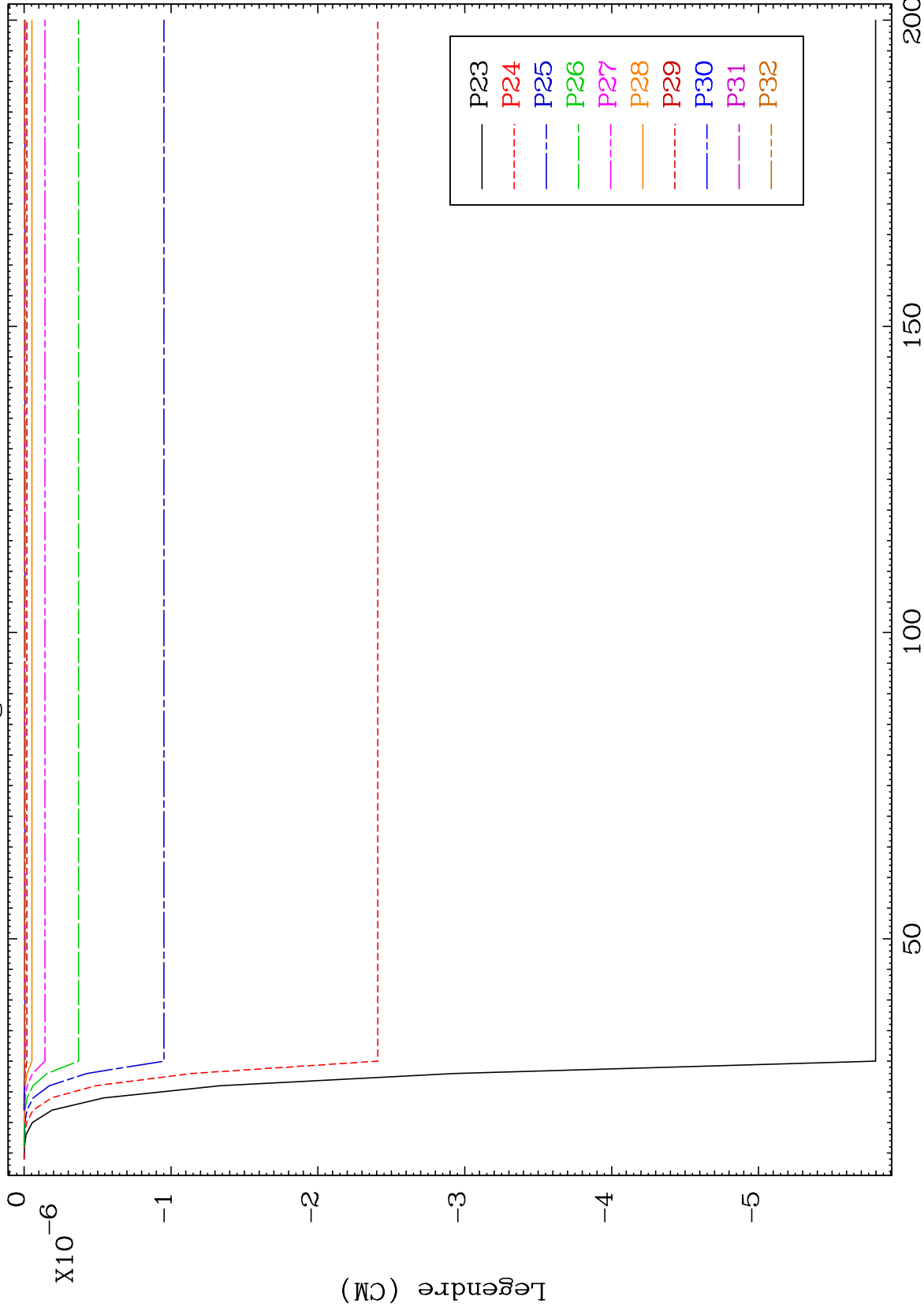
103



MAT 3252

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

32-Ge-79



32-Ge-79

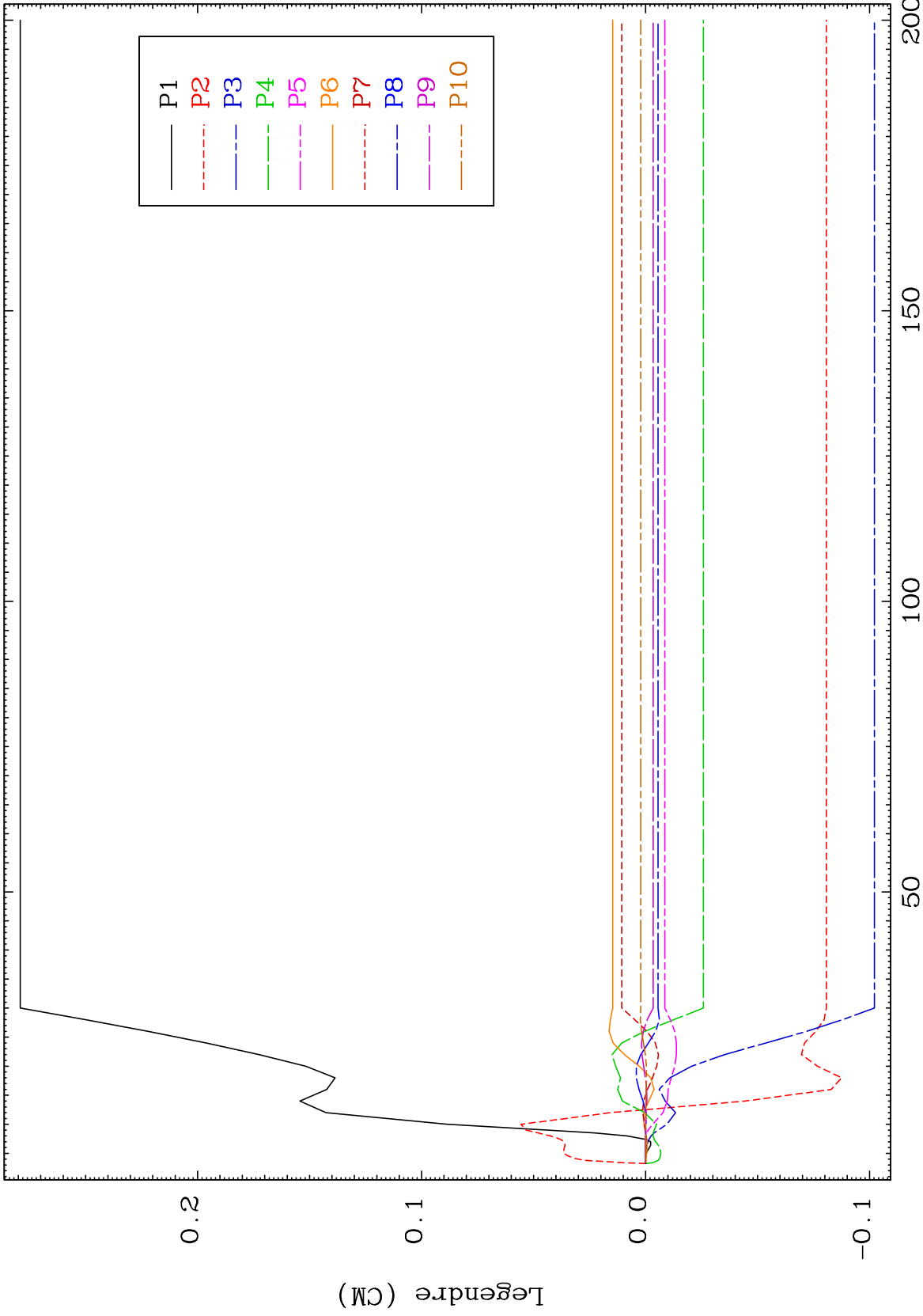
Incident Energy (MeV)

104

MAT 3252

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

32-Ge-79



105

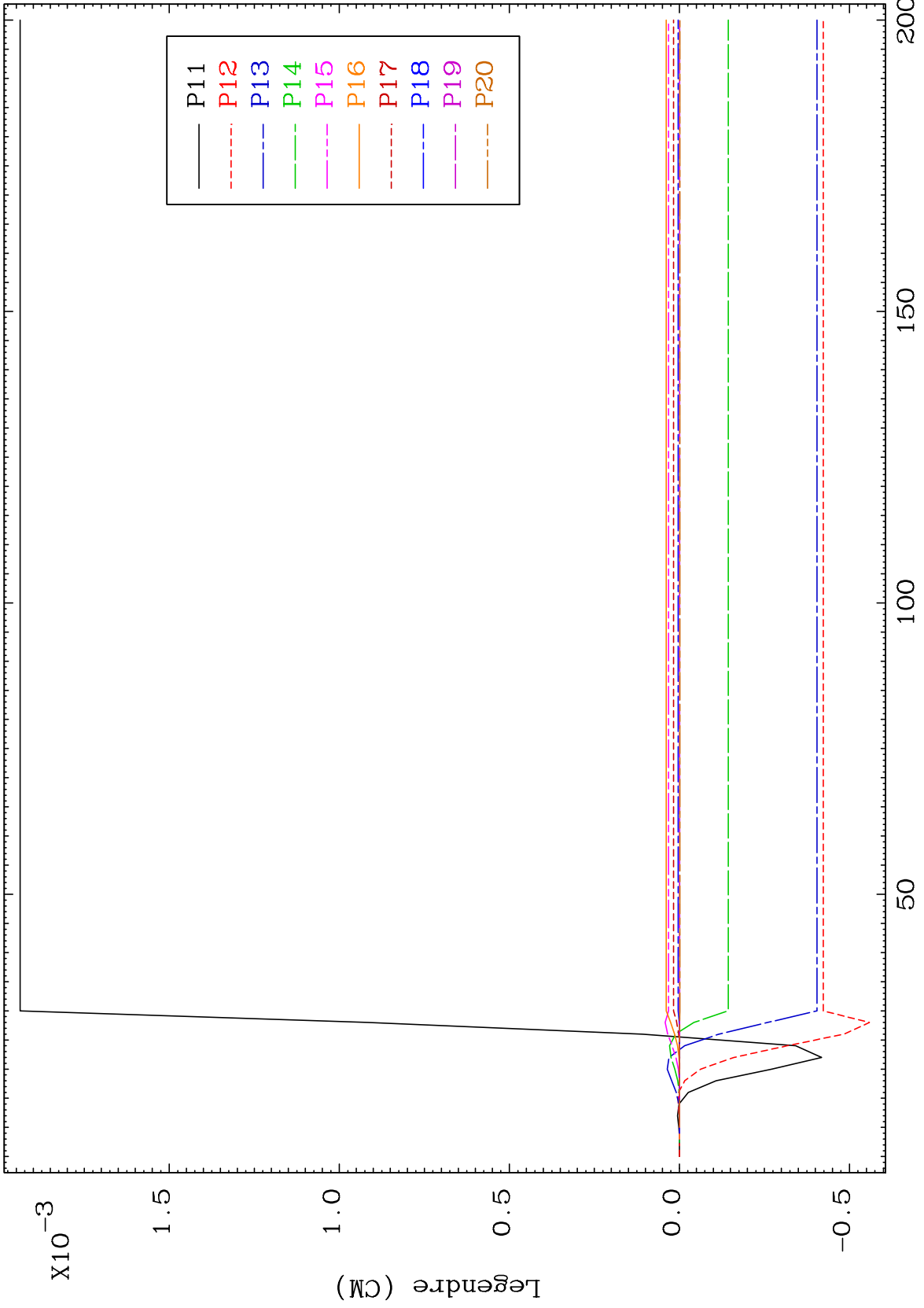
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



106

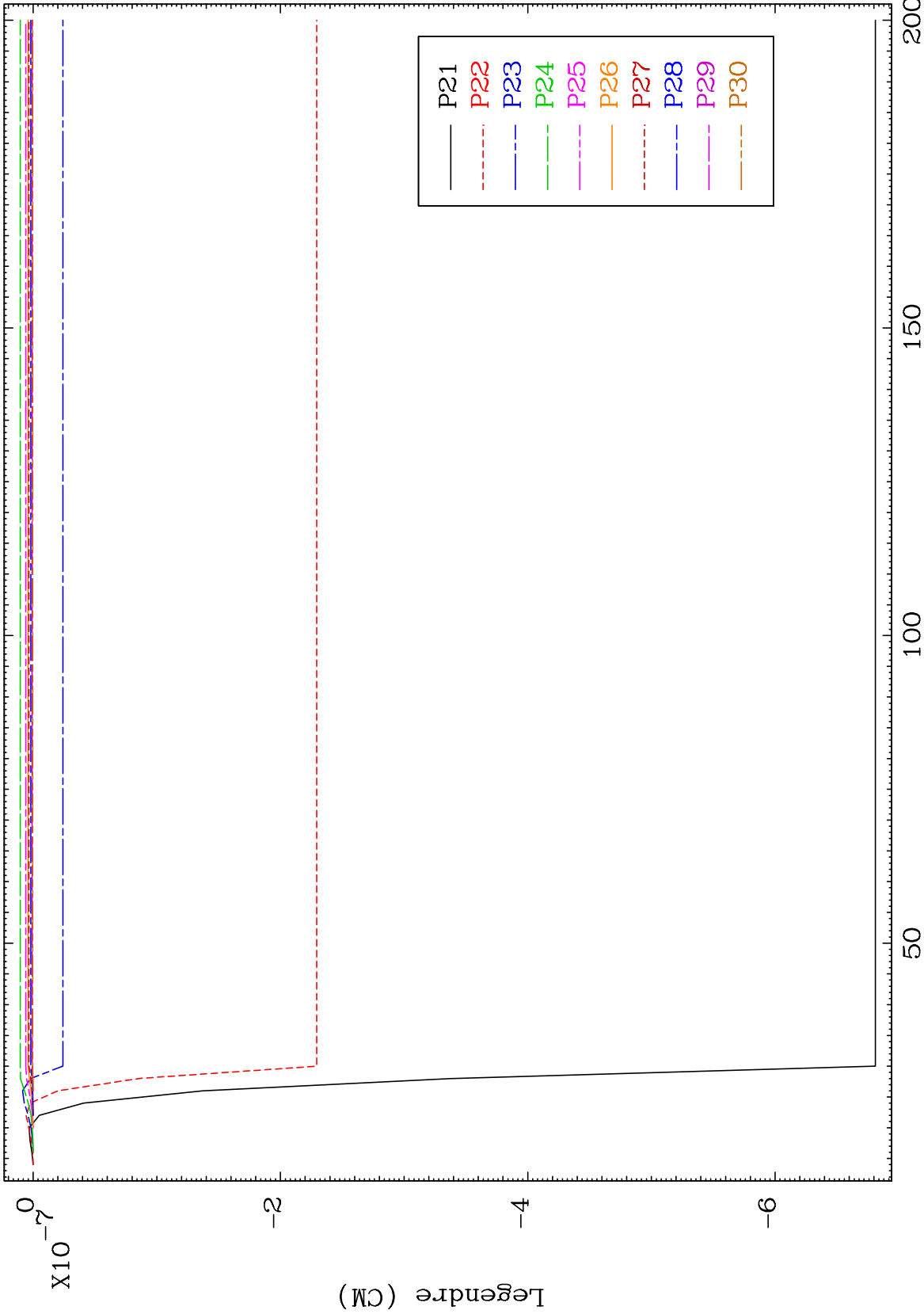
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



107

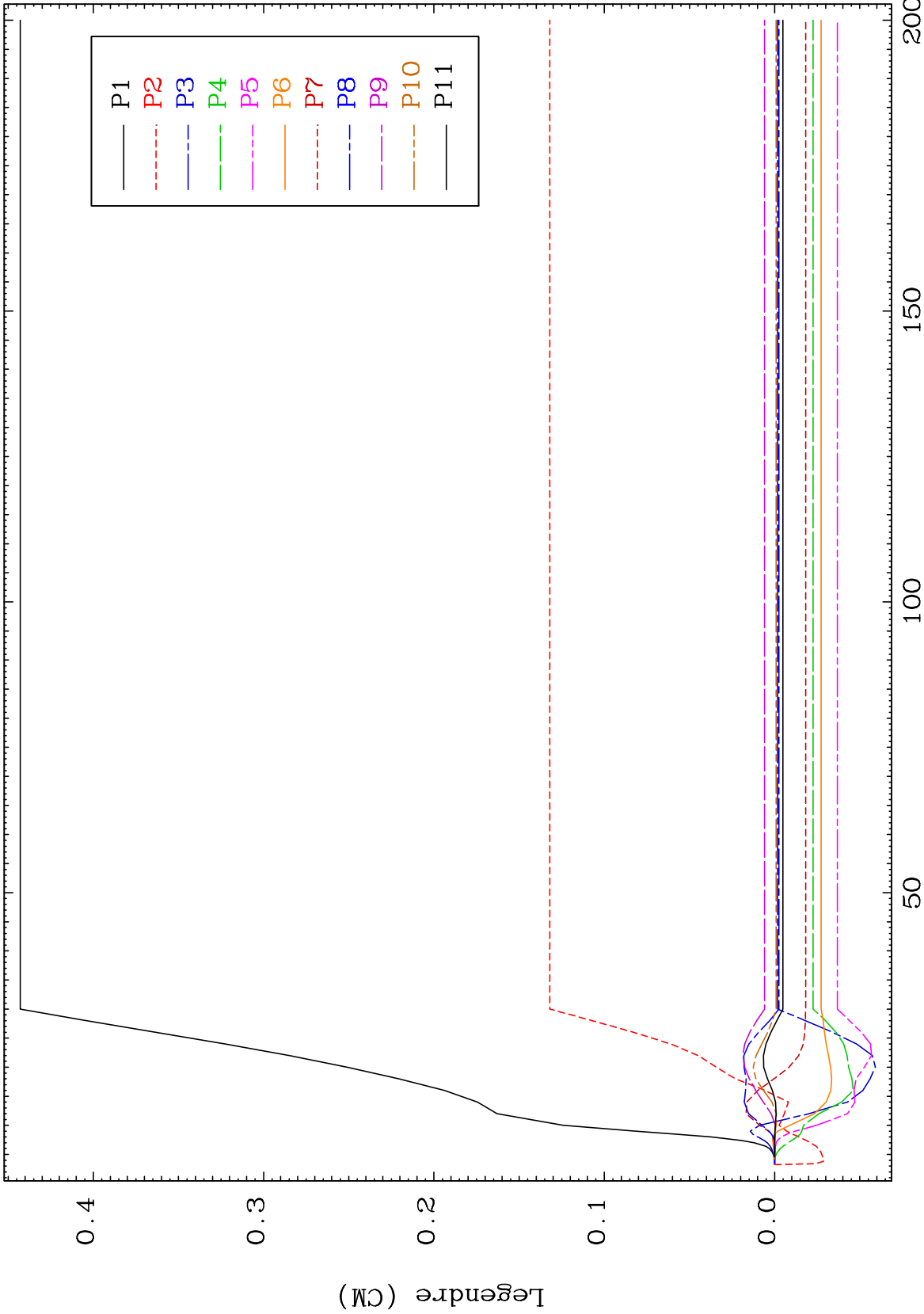
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



108

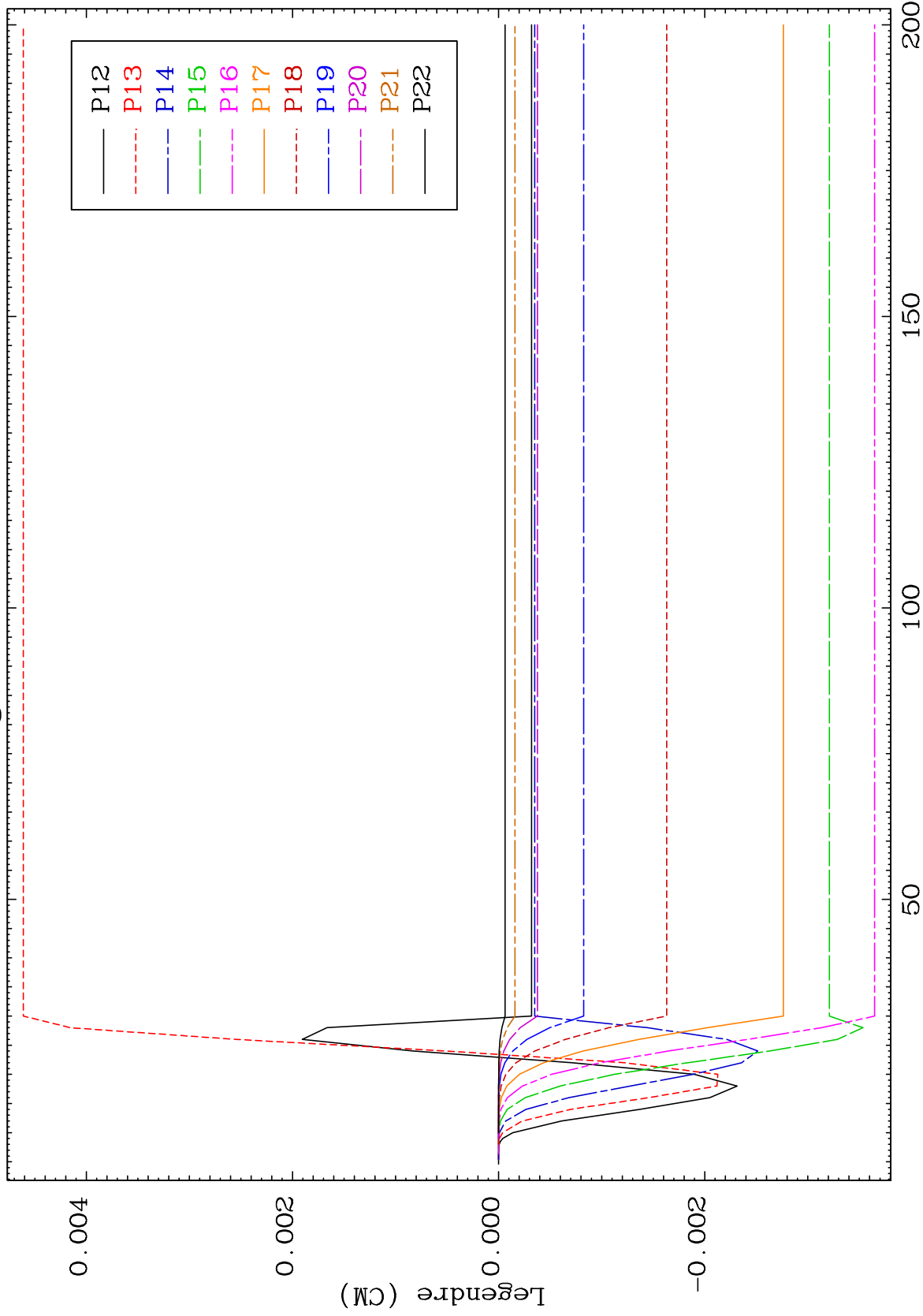
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



109

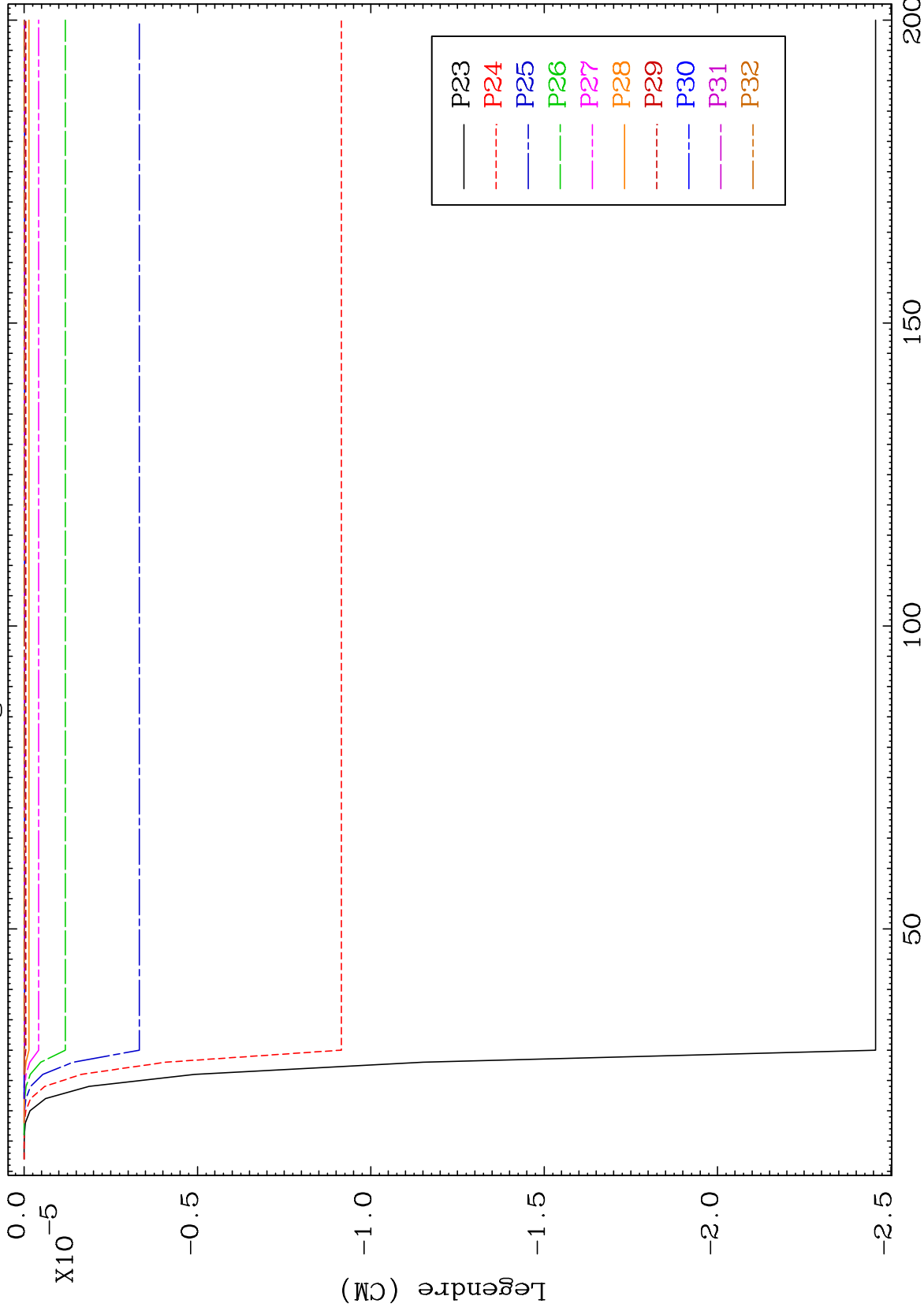
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



32-Ge-79

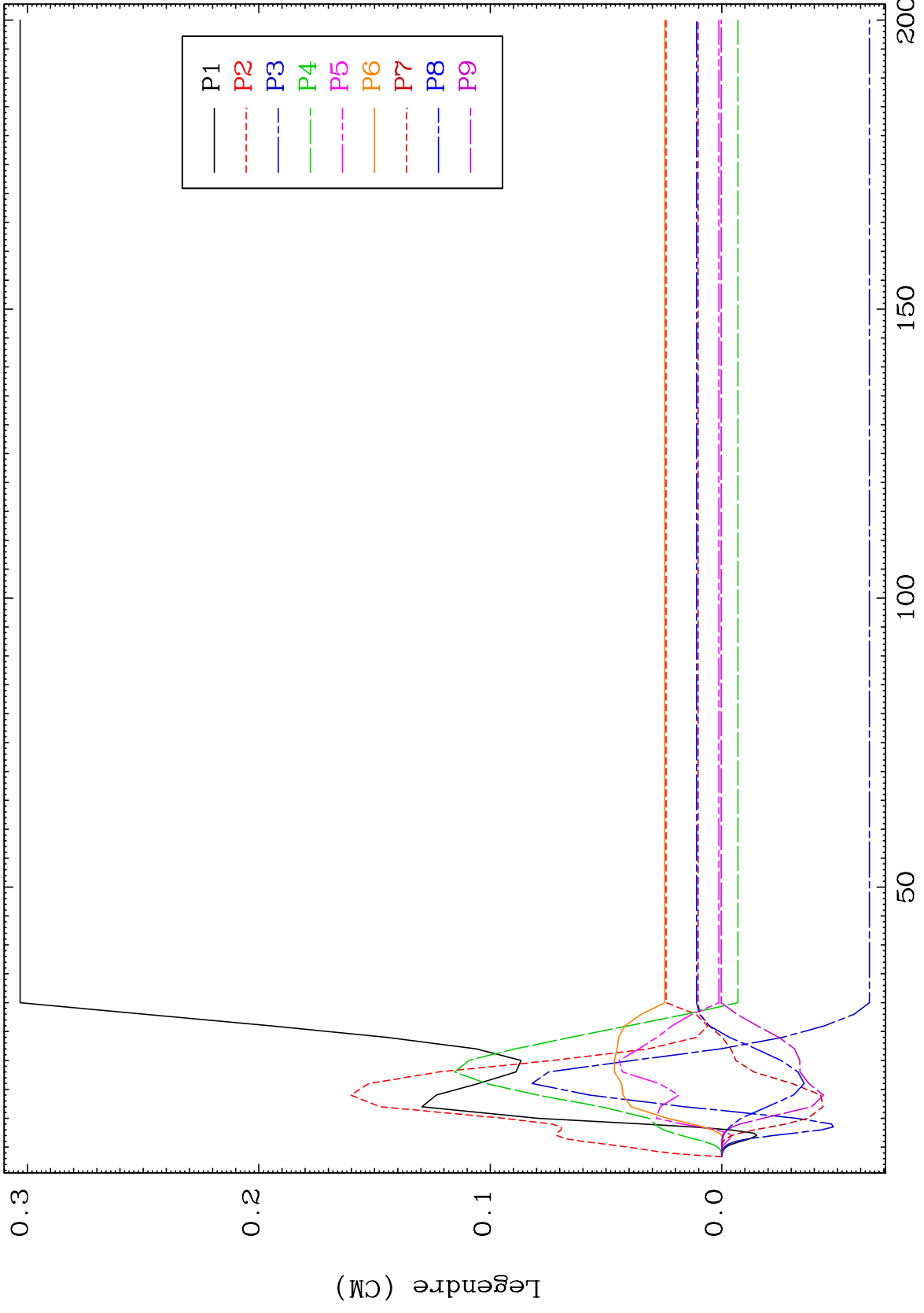
Incident Energy (MeV)

110

MAT 3252

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

32-Ge-79



111

Incident Energy (MeV)

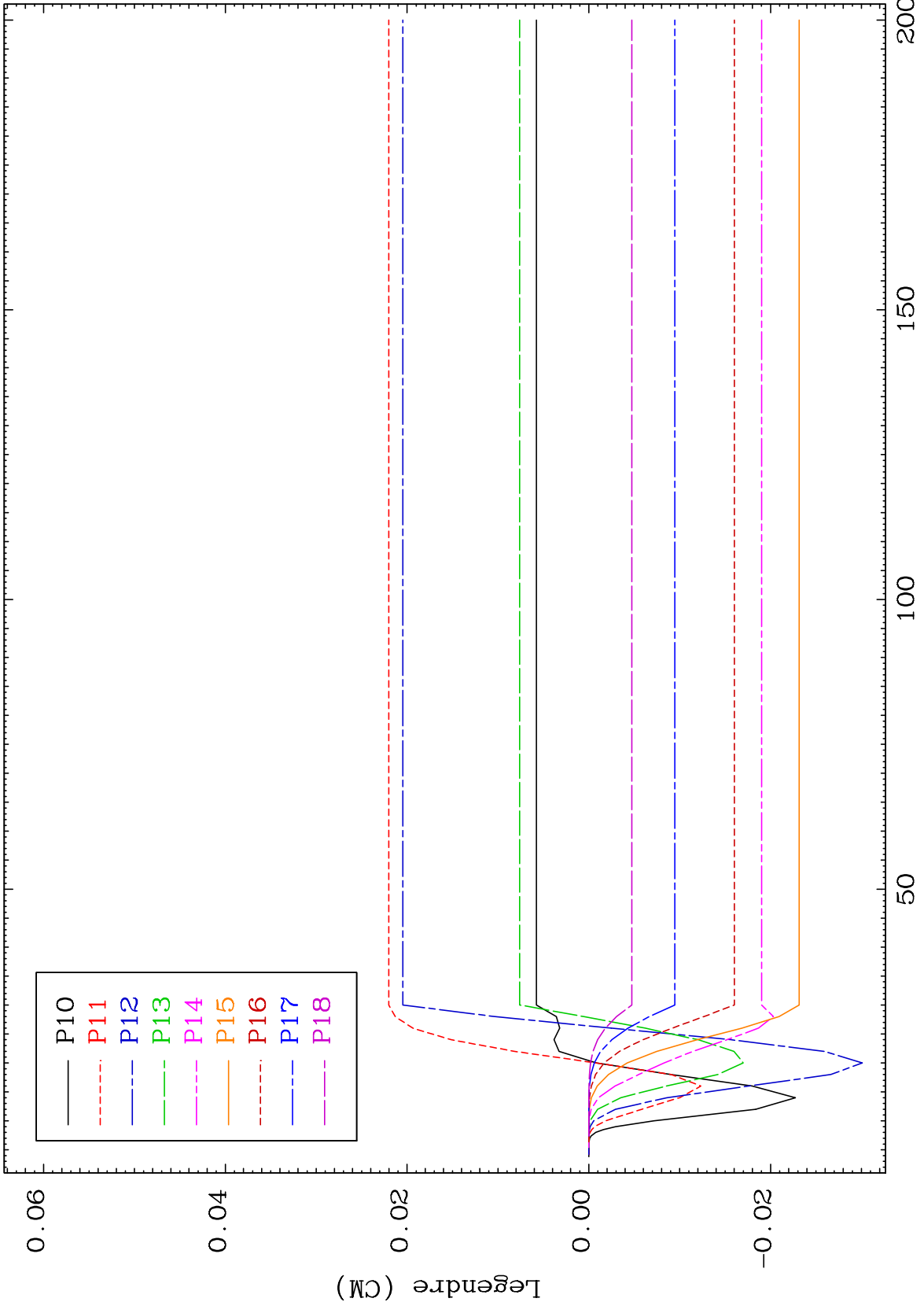
32-Ge-79



MAT 3252

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

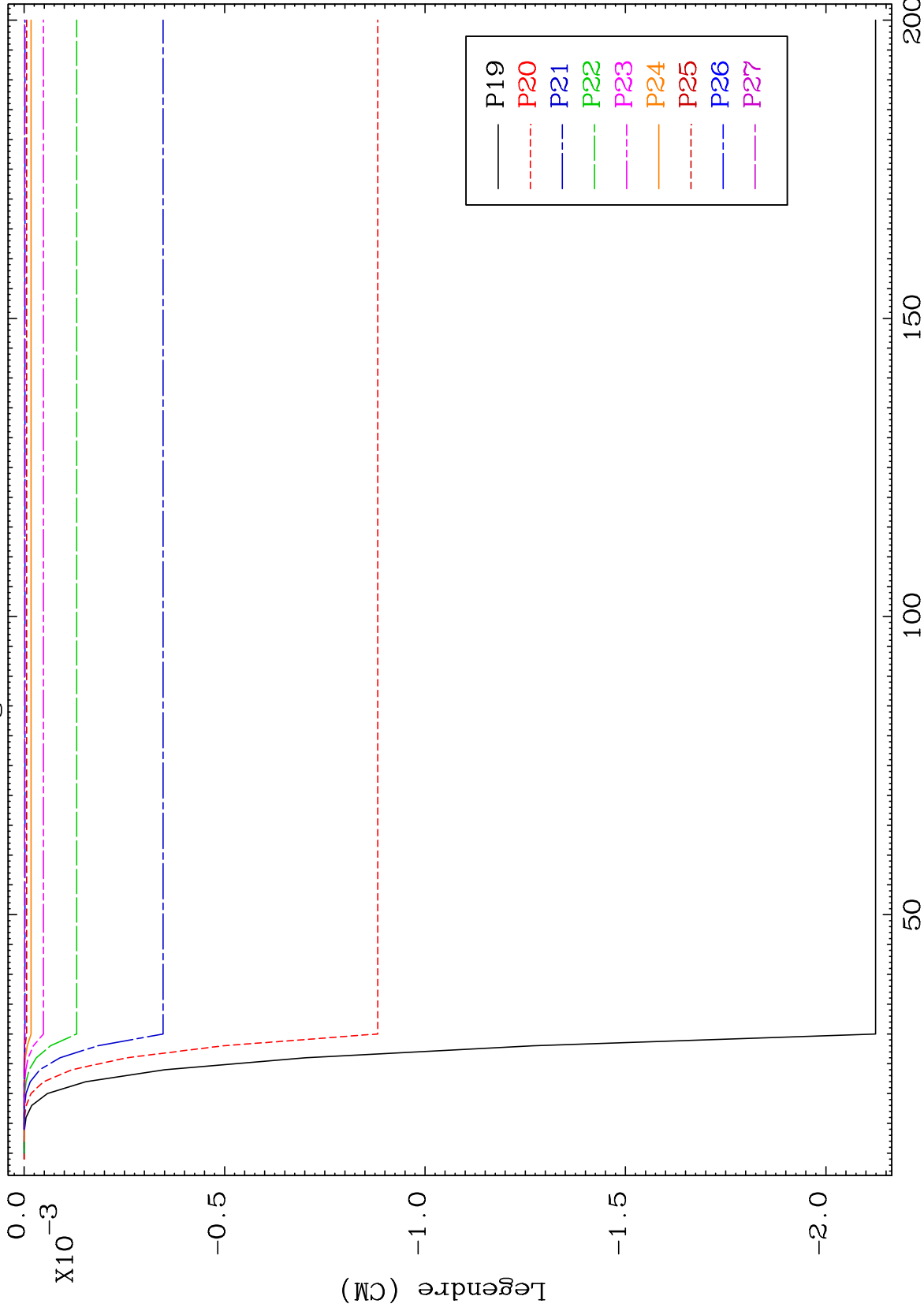
32-Ge-79



112

Incident Energy (MeV)

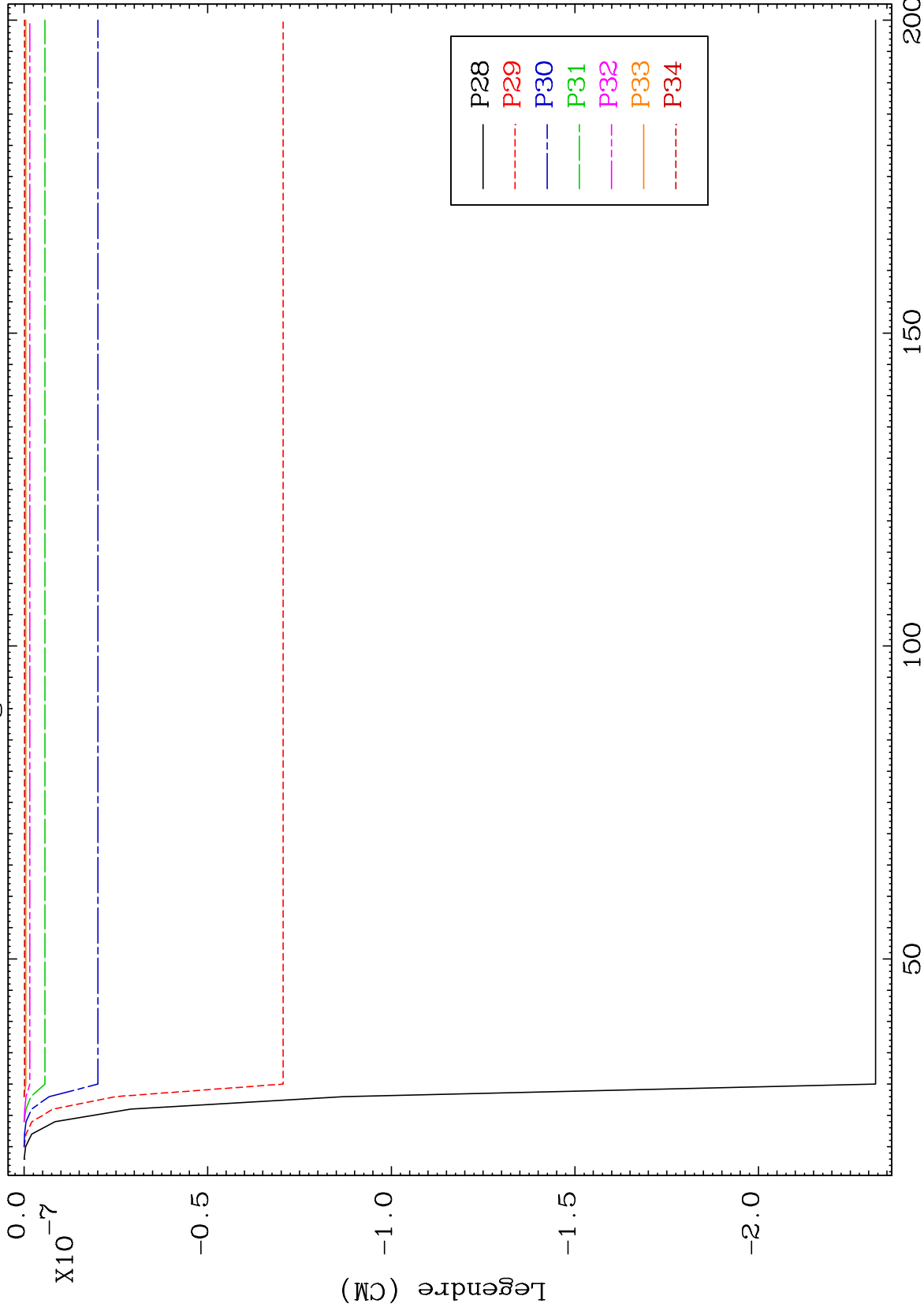
32-Ge-79



MAT 3252

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

32-Ge-79



32-Ge-79

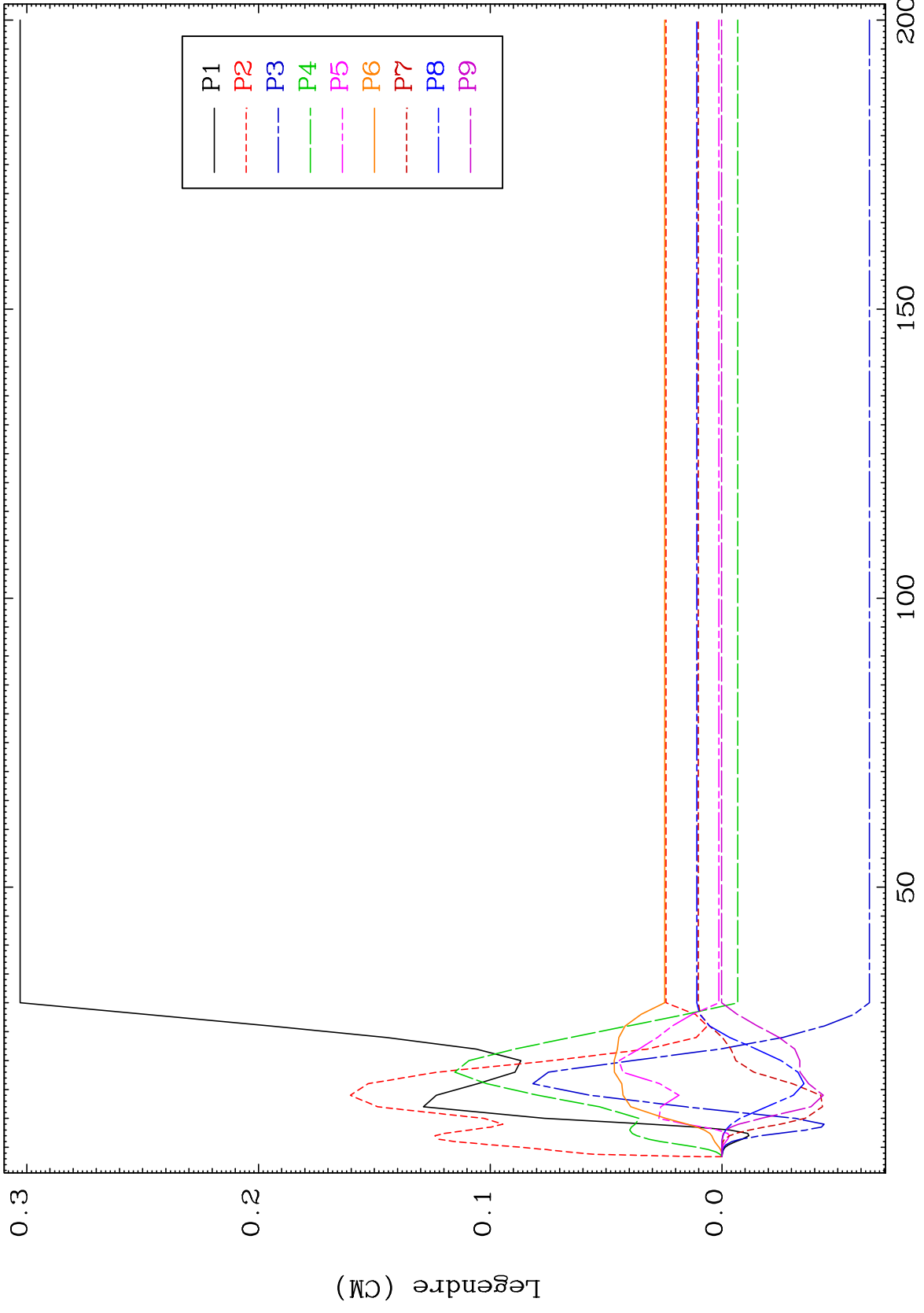
Incident Energy (MeV)

114

MAT 3252

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

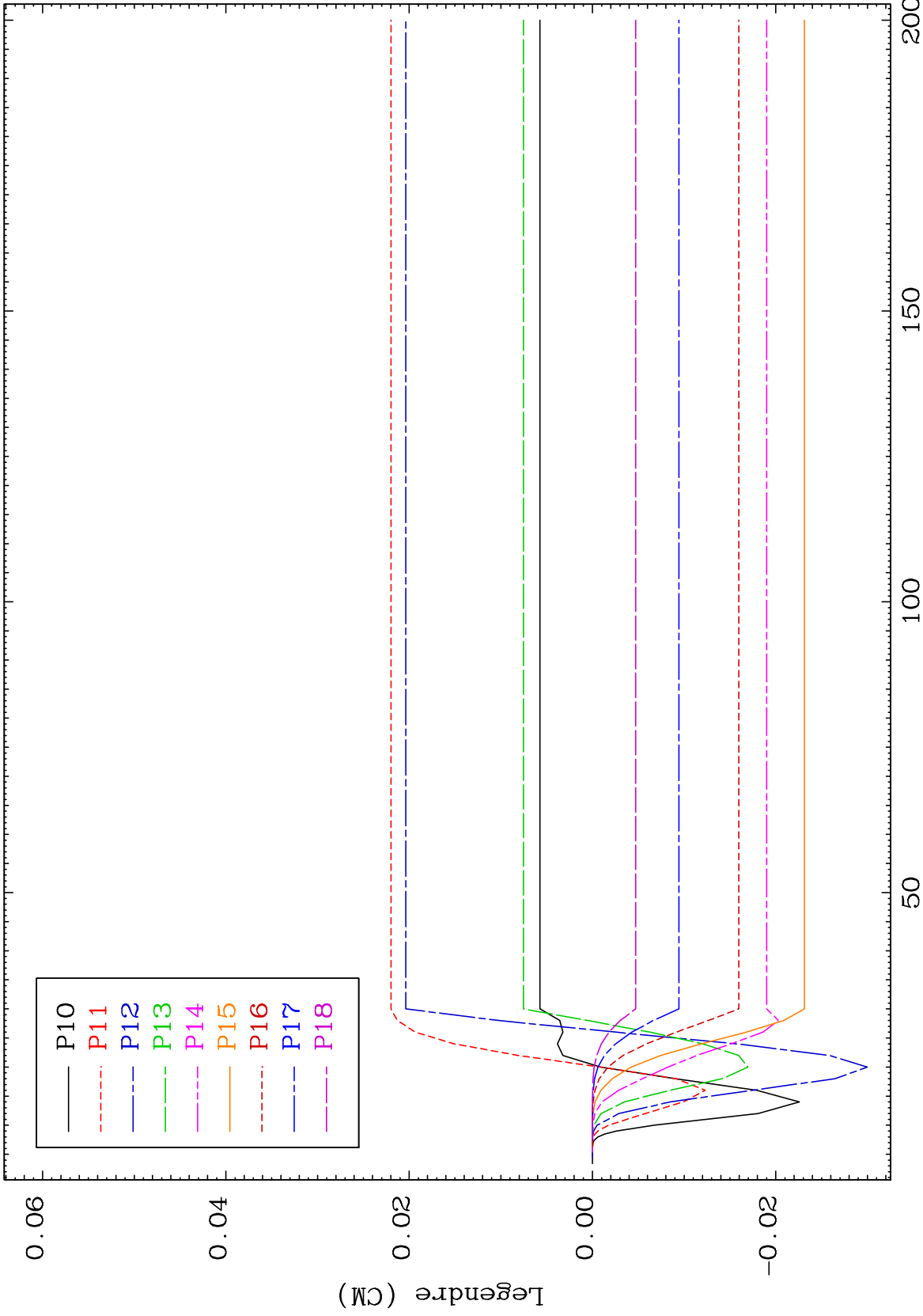
32-Ge-79

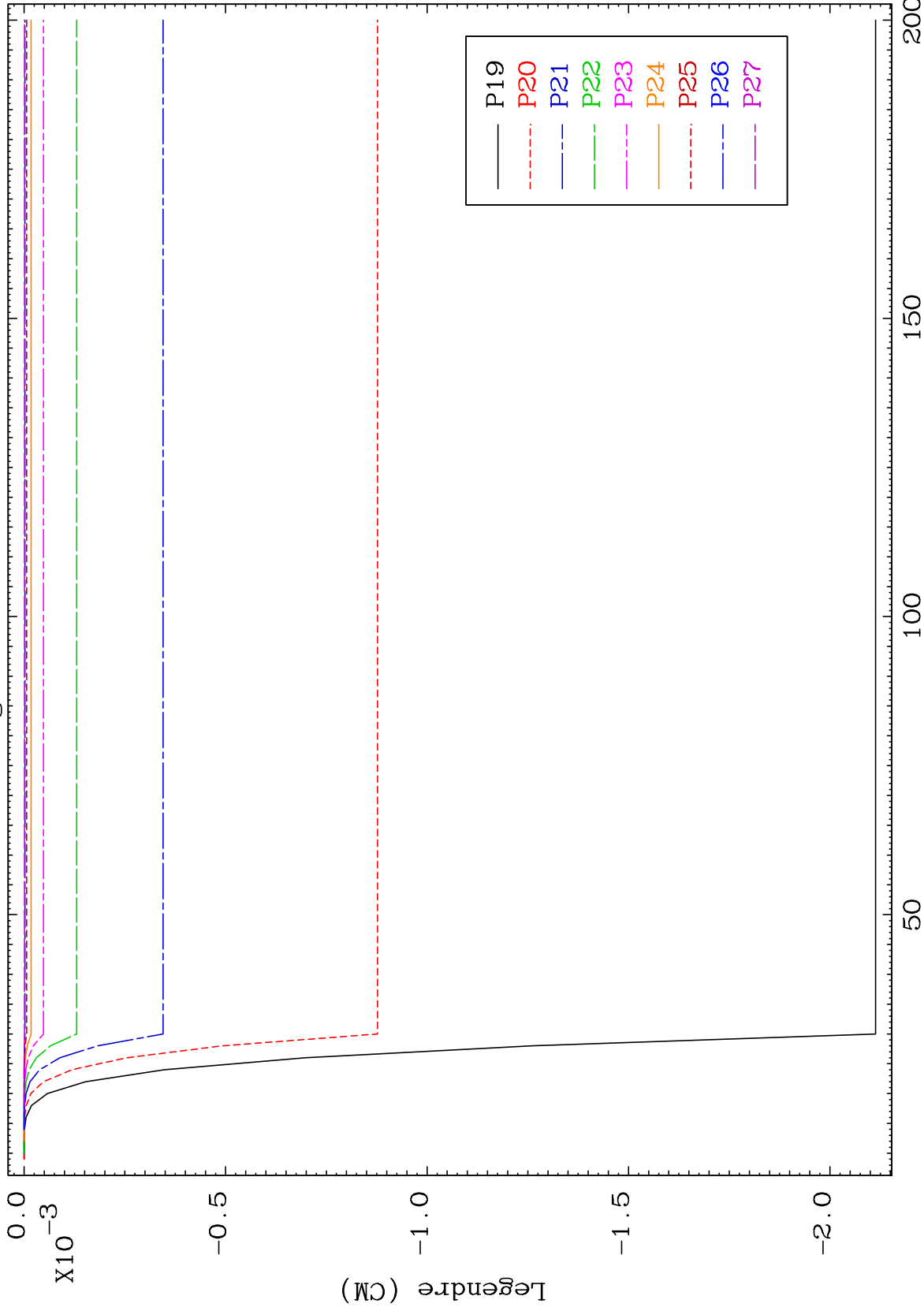


115

Incident Energy (MeV)

32-Ge-79

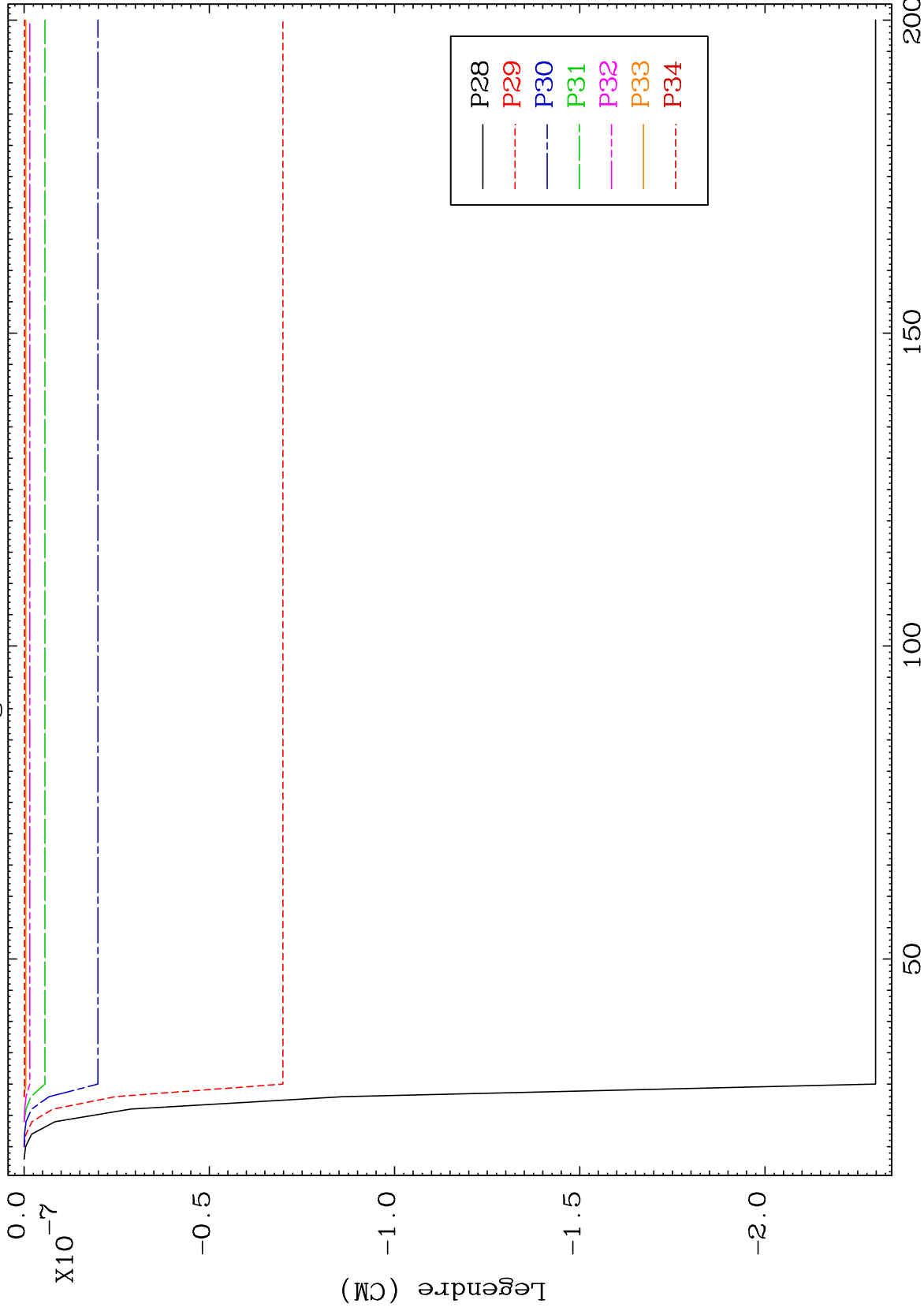




MAT 3252

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

32-Ge-79



32-Ge-79

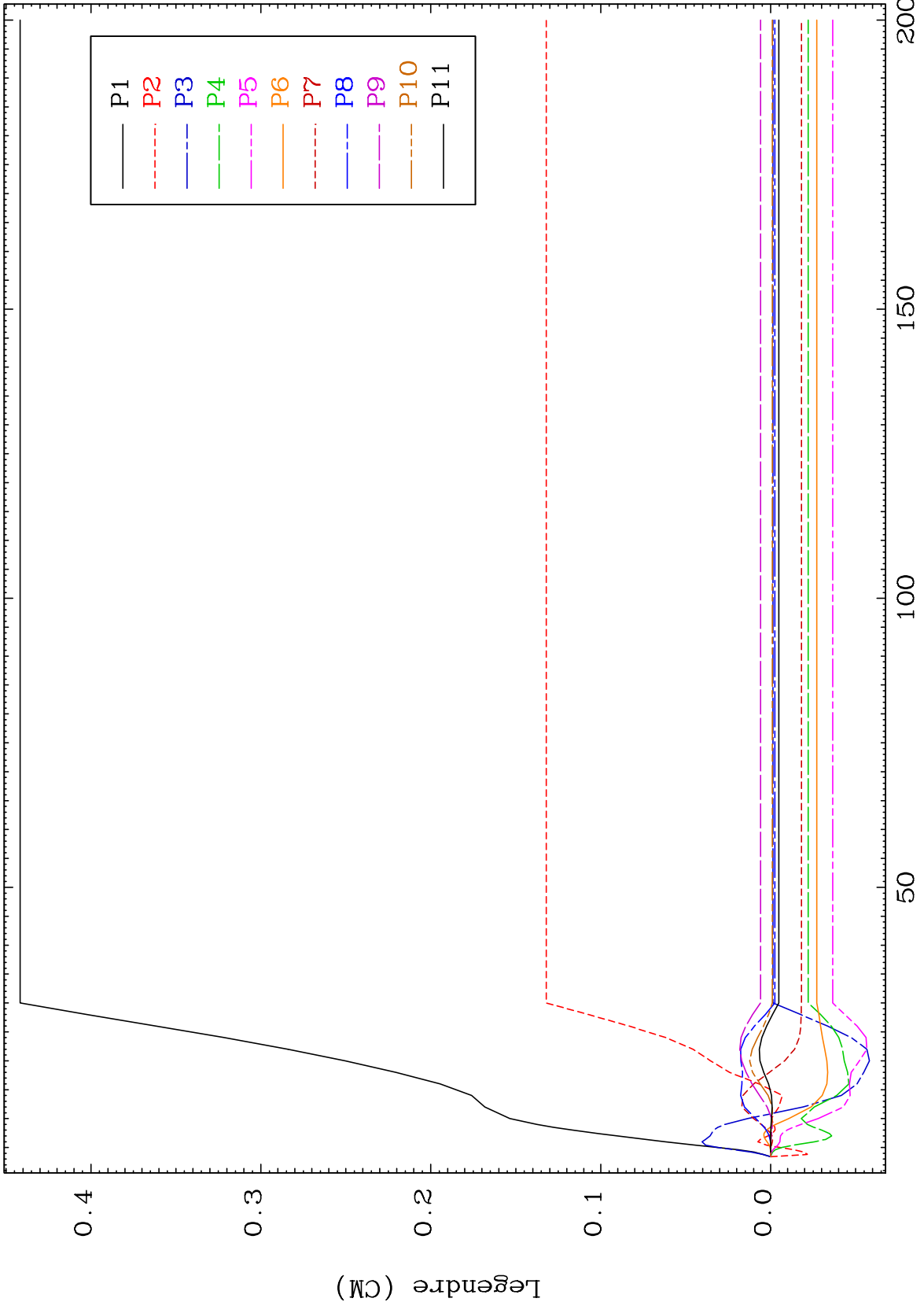
Incident Energy (MeV)

118

MAT 3252

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

32-Ge-79



119

Incident Energy (MeV)

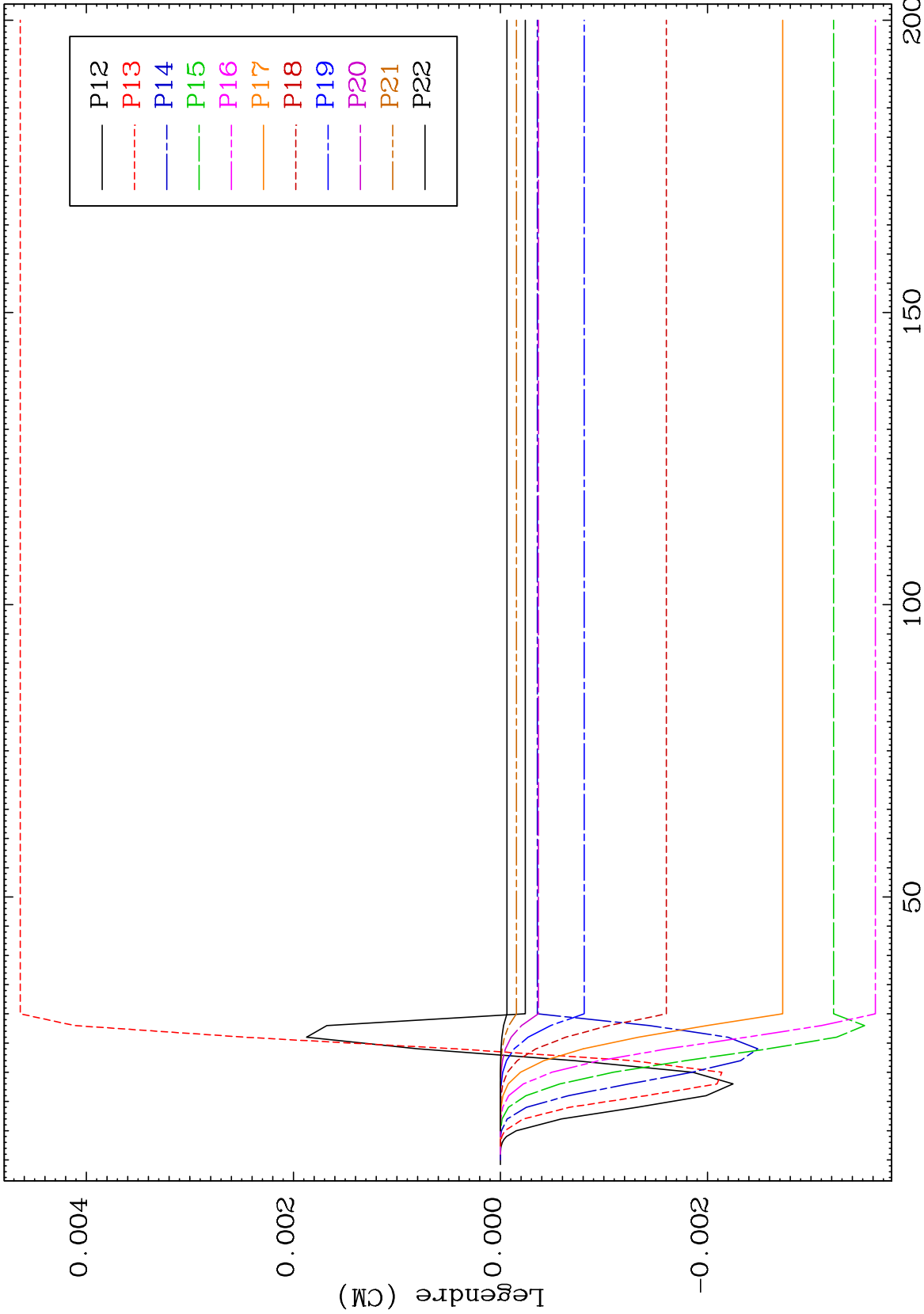
32-Ge-79



MAT 3252

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

32-Ge-79



120

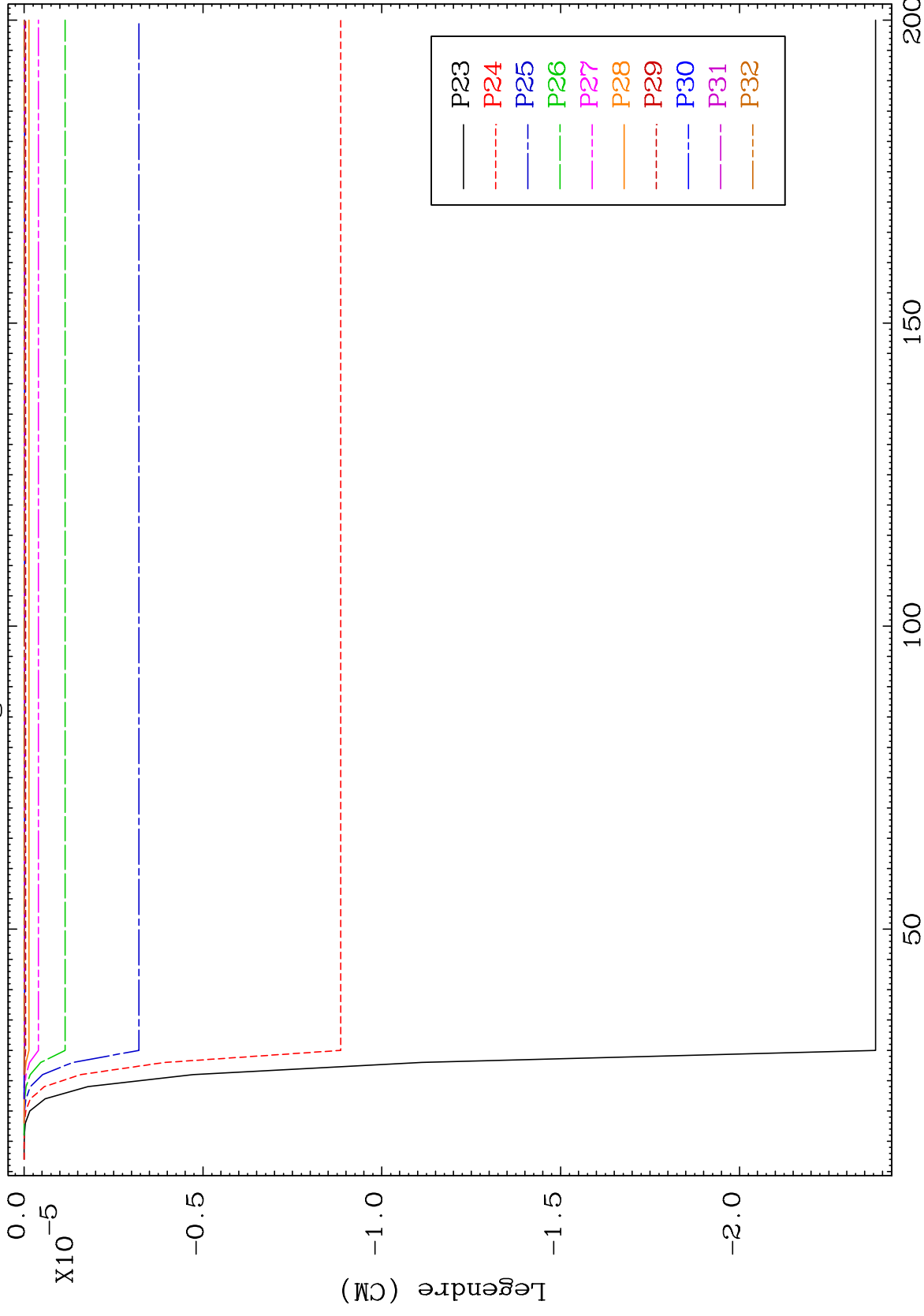
Incident Energy (MeV)

32-Ge-79

MAT 3252

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

32-Ge-79



32-Ge-79

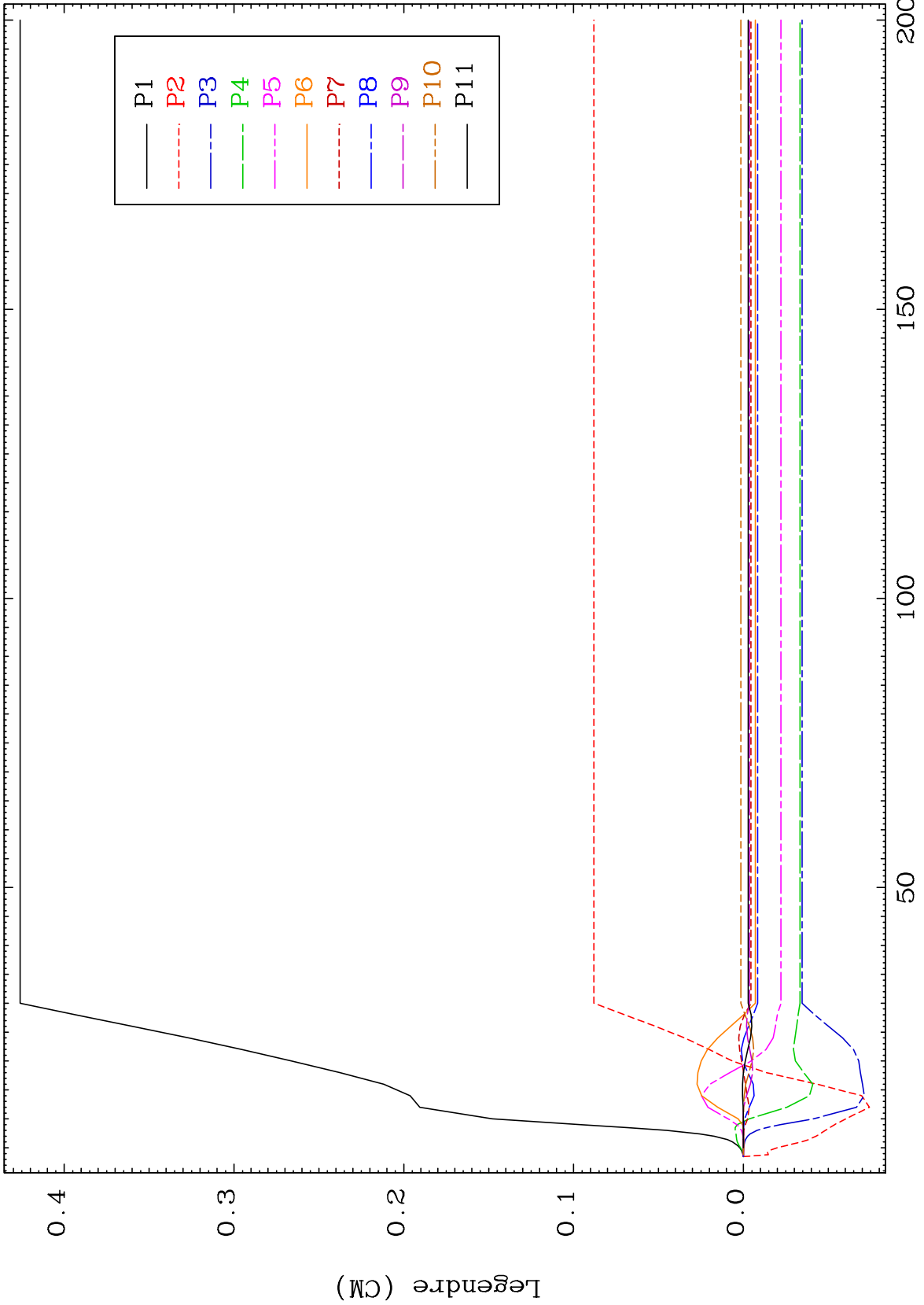
Incident Energy (MeV)

121

MAT 3252

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

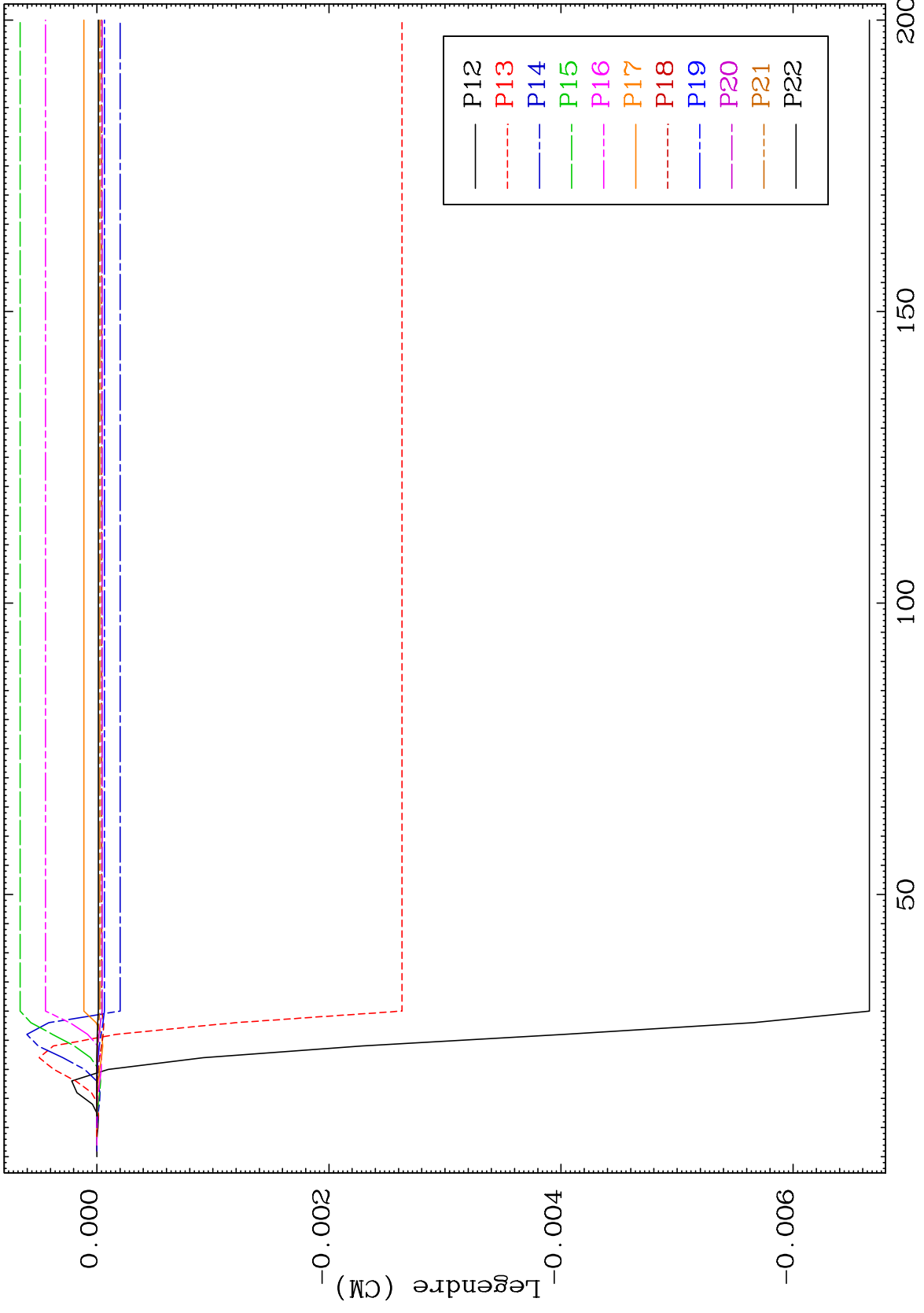
32-Ge-79



32-Ge-79

Incident Energy (MeV)

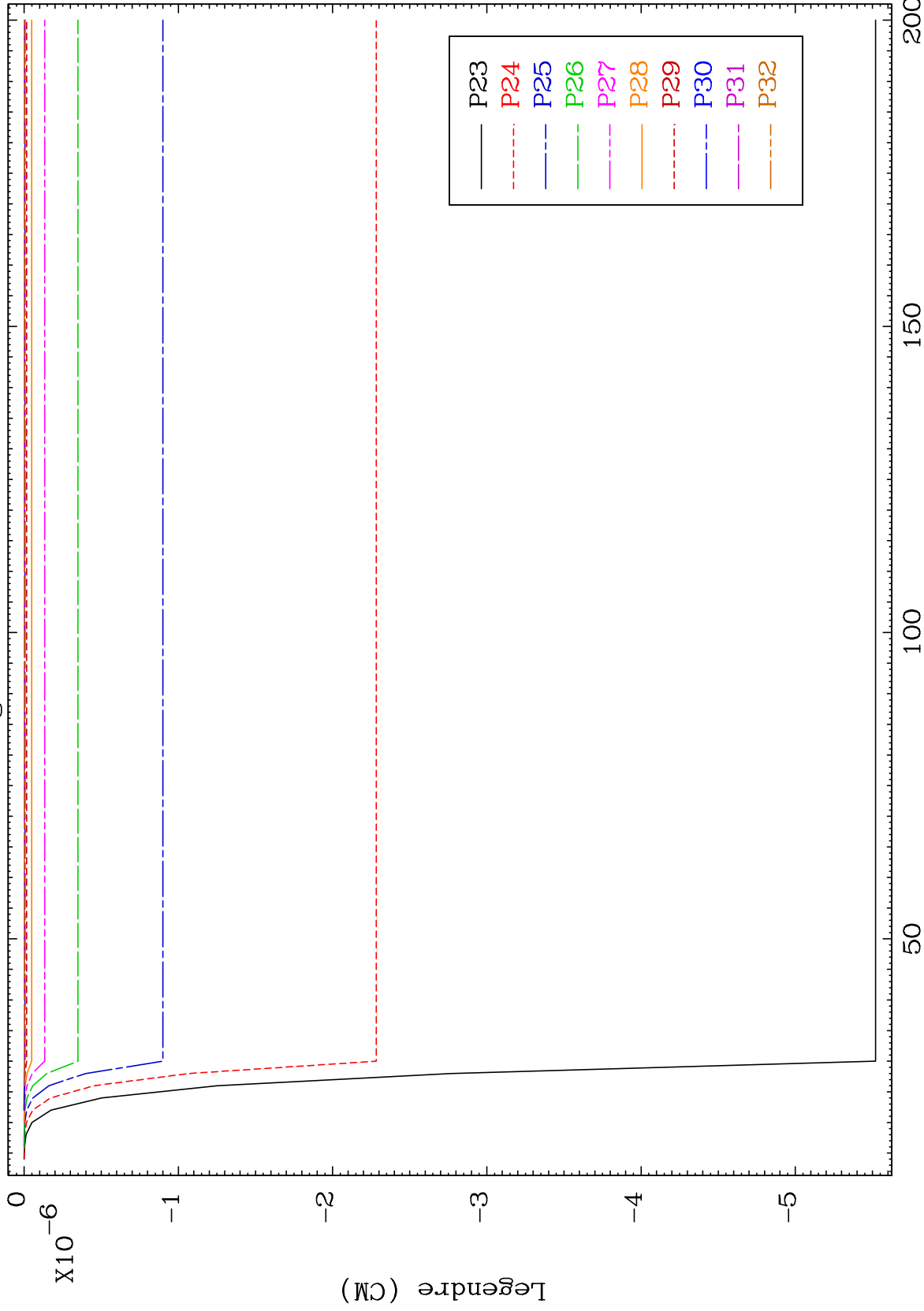
122



MAT 3252

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

32-Ge-79

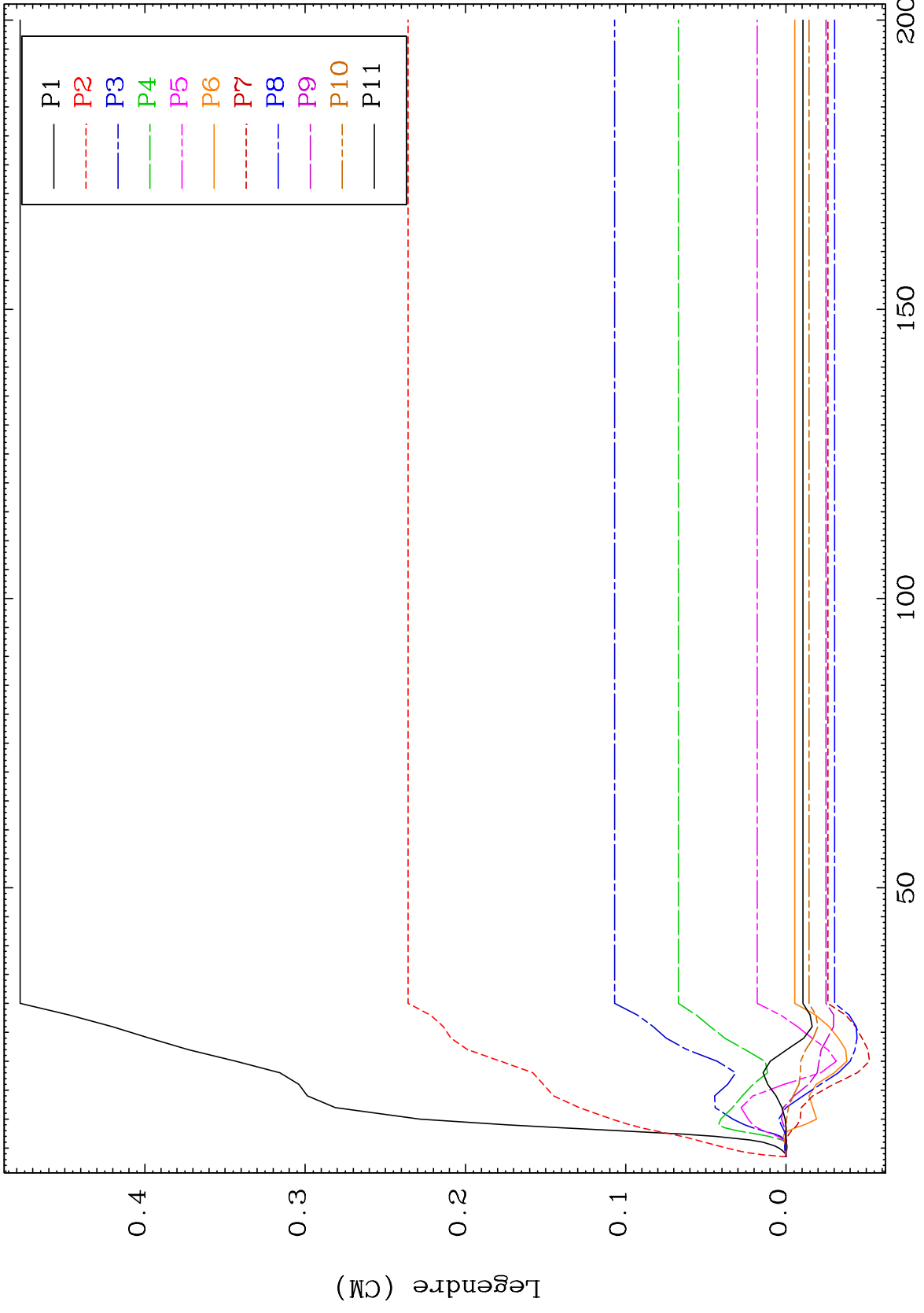


32-Ge-79

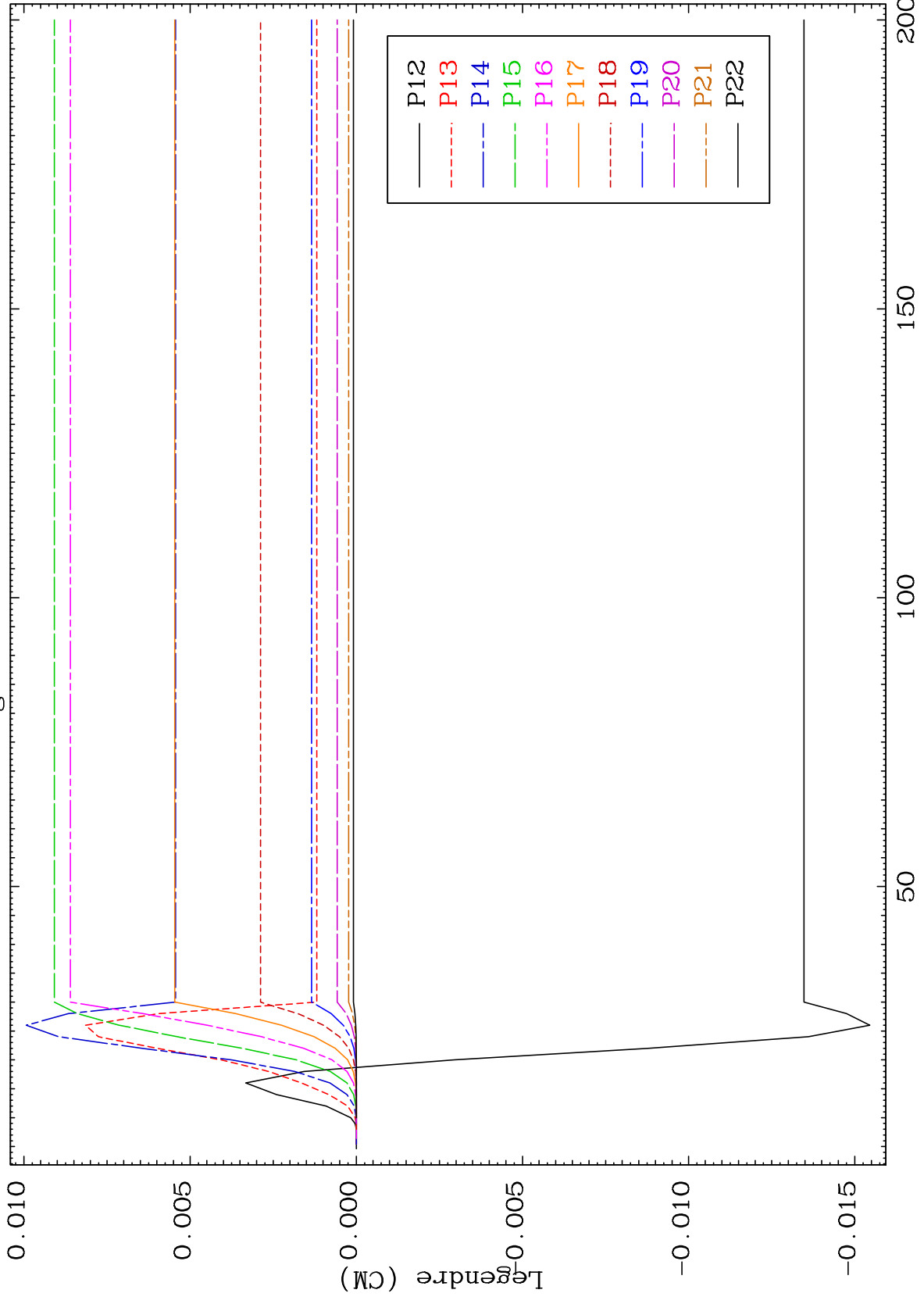
Incident Energy (MeV)

124

MAT 3252 MT= 80 (n,n') Level Legendre Coefficients 32-Ge-79



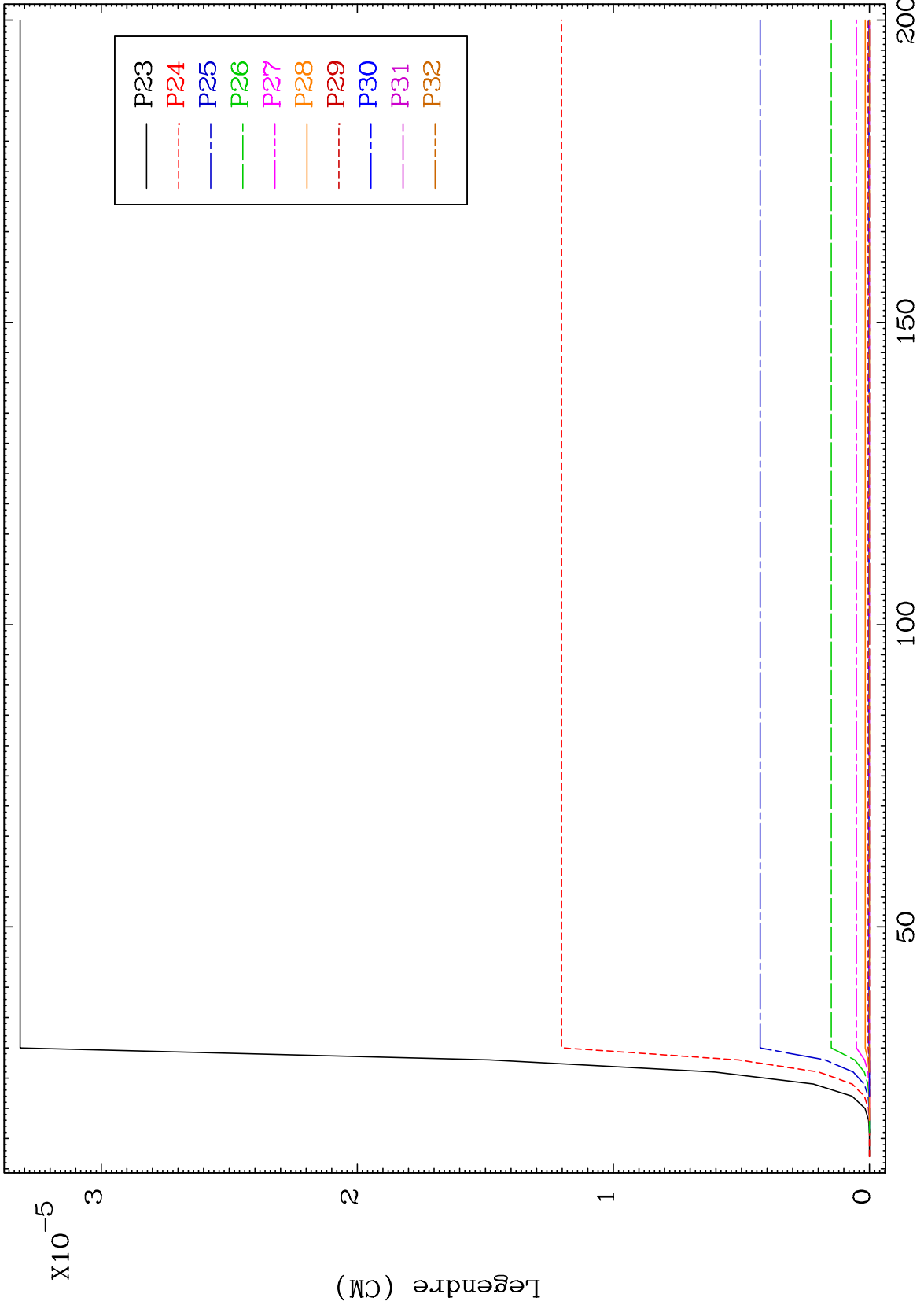
125 50 100 150 200 32-Ge-79



MAT 3252

MT= 80 (n,n') Level  
Legendre Coefficients

32-Ge-79



127

Incident Energy (MeV)

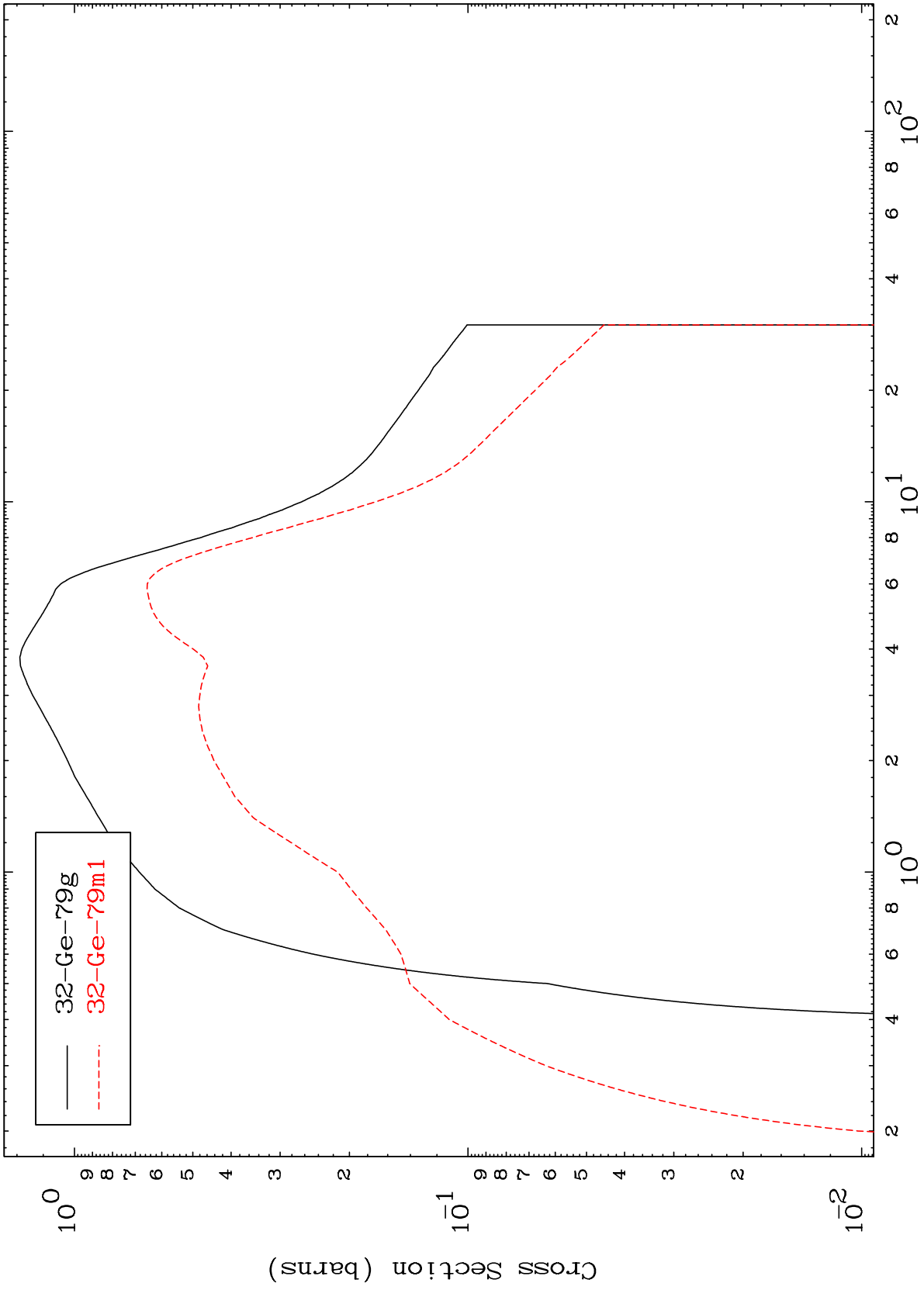
32-Ge-79



MAT 3252

<sup>32</sup>Ge-79

### Inelastic Radionuclide Production Cross Section



128

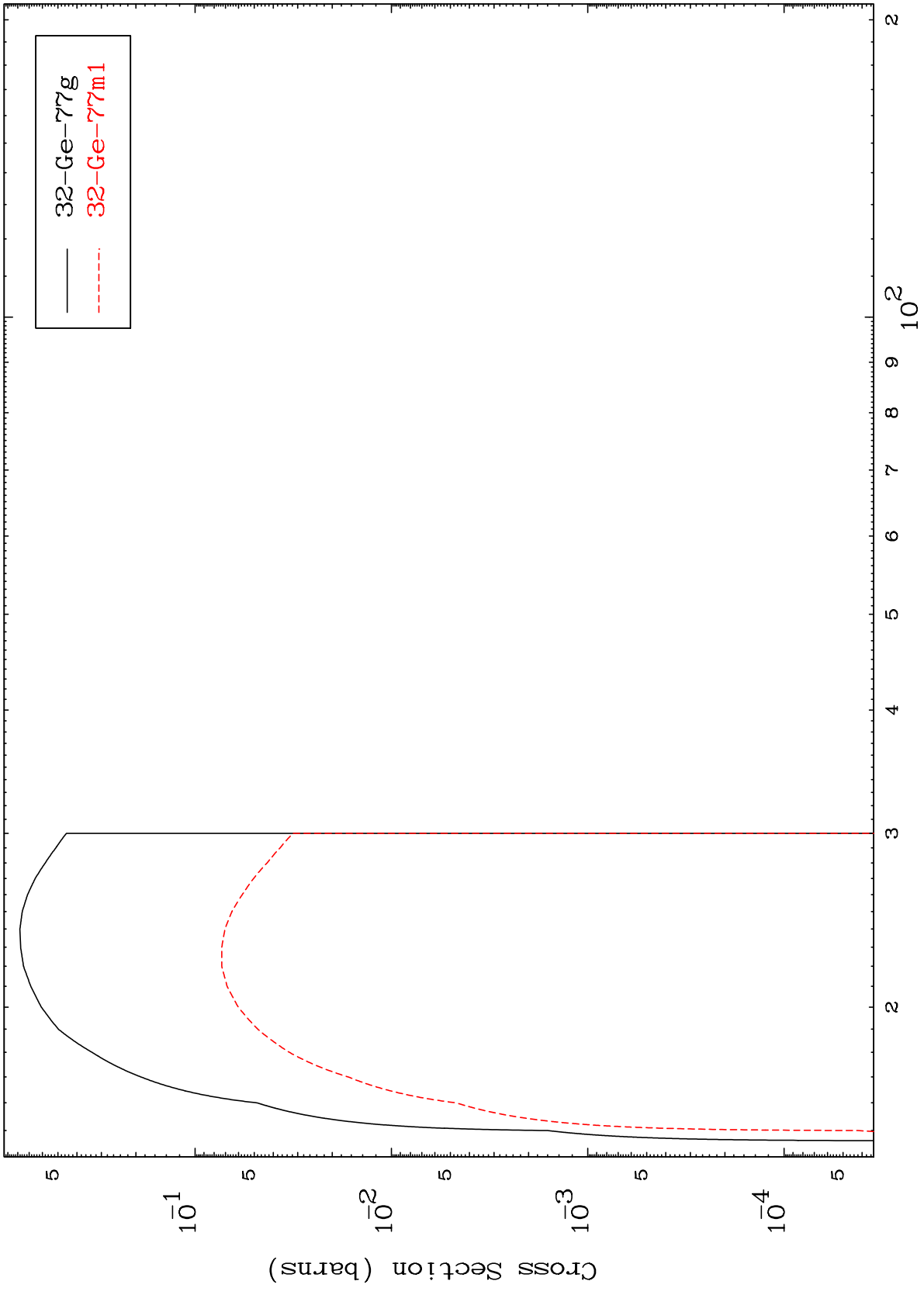
<sup>32</sup>Ge-79

MAT 3252

(n,3n)

<sup>32</sup>Ge-79

Radionuclide Production Cross Section



129

Incident Energy (MeV)

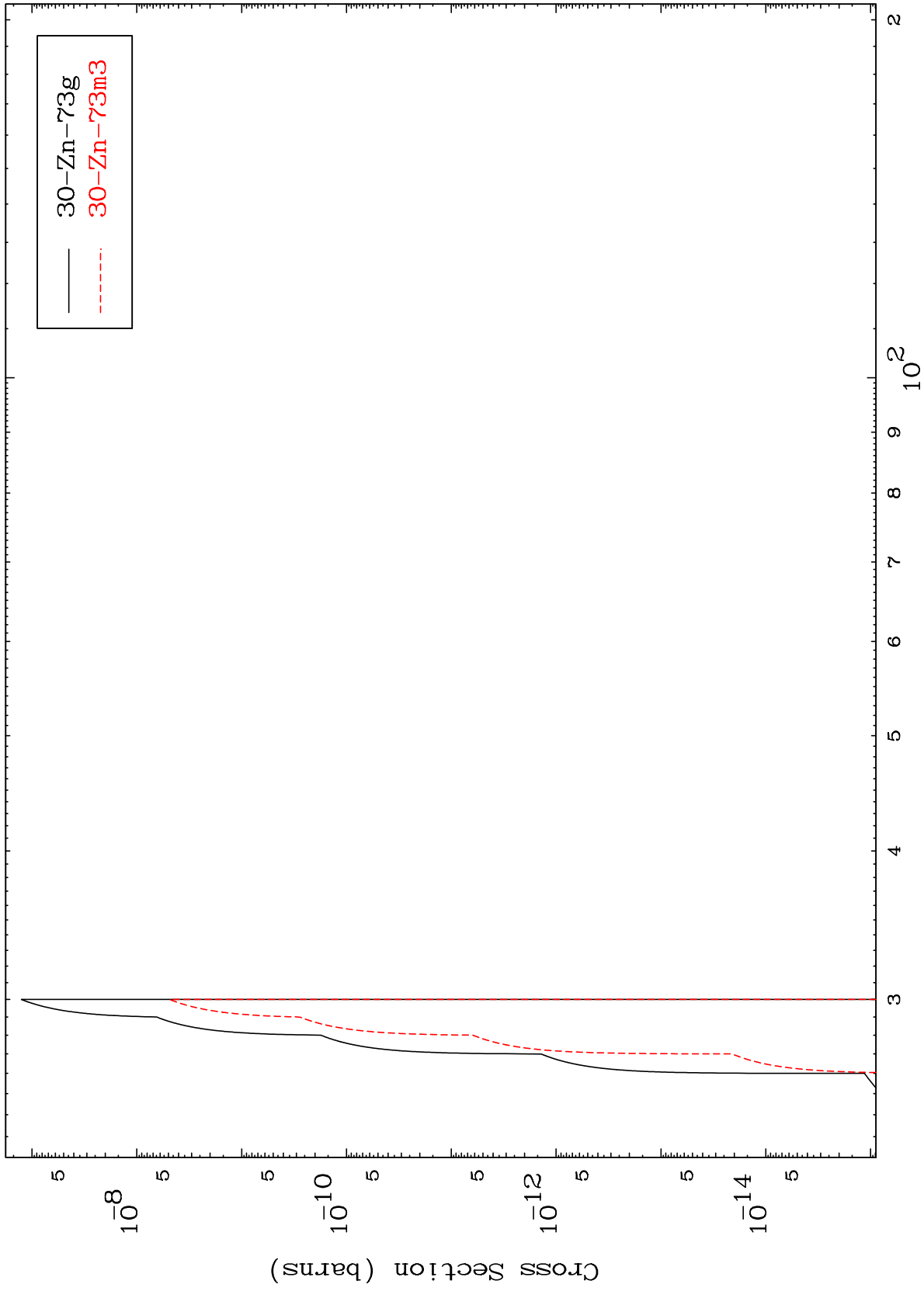
<sup>32</sup>Ge-79

MAT 3252

(n,3n)  $\alpha$

<sup>32</sup>Ge-79

Radionuclide Production Cross Section



130

Incident Energy (MeV)

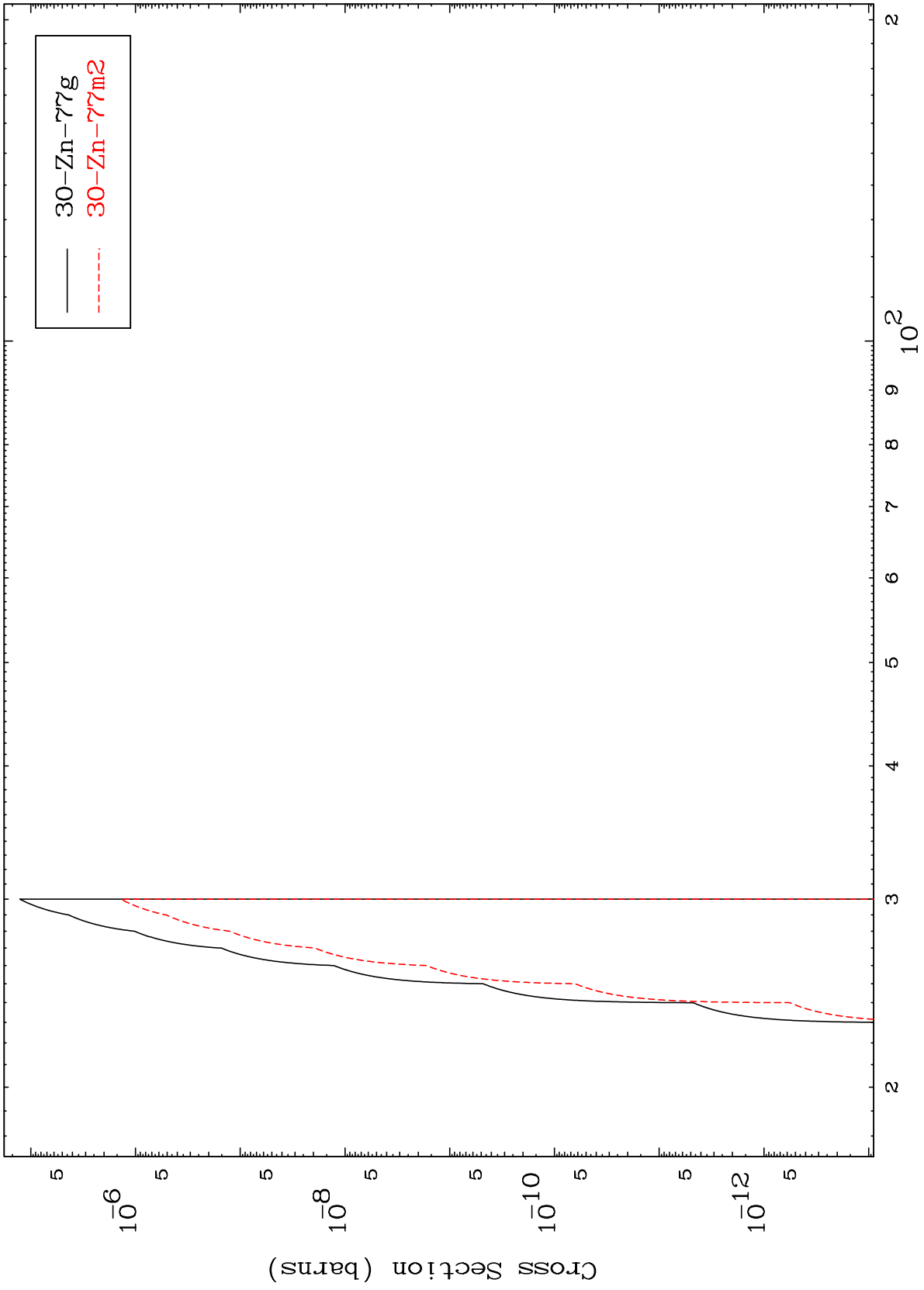
<sup>32</sup>Ge-79

MAT 3252

(n, He-3)

32-Ge-79

Radionuclide Production Cross Section



131

Incident Energy (MeV)

32-Ge-79