

Program EVALPLOT
(Version 2018-1)

by

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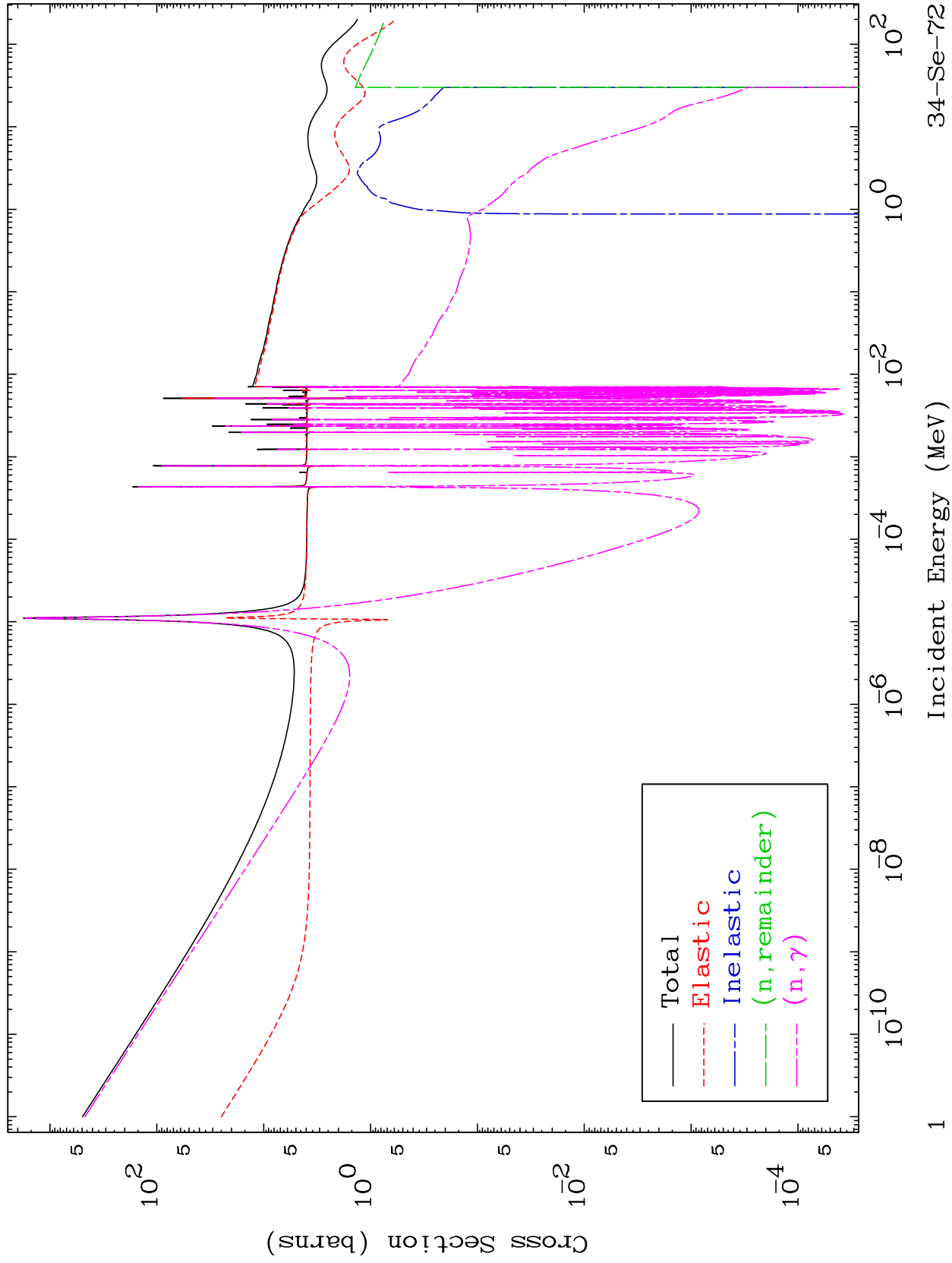
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3419

Major
293 Kelvin Cross Sections

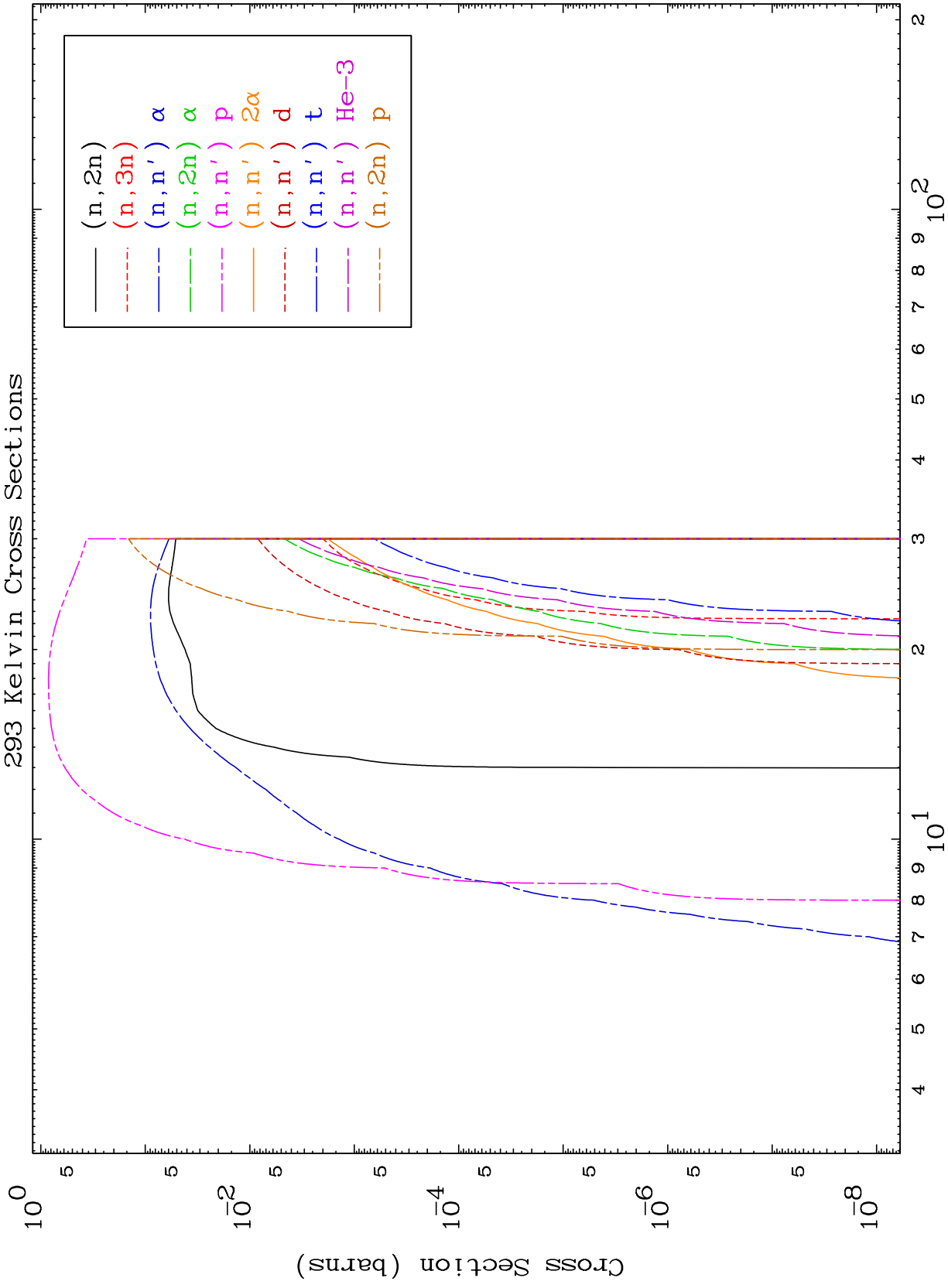
34-Se-72



MAT 3419

Neutron Production
293 Kelvin Cross Sections

34-Se-72



2

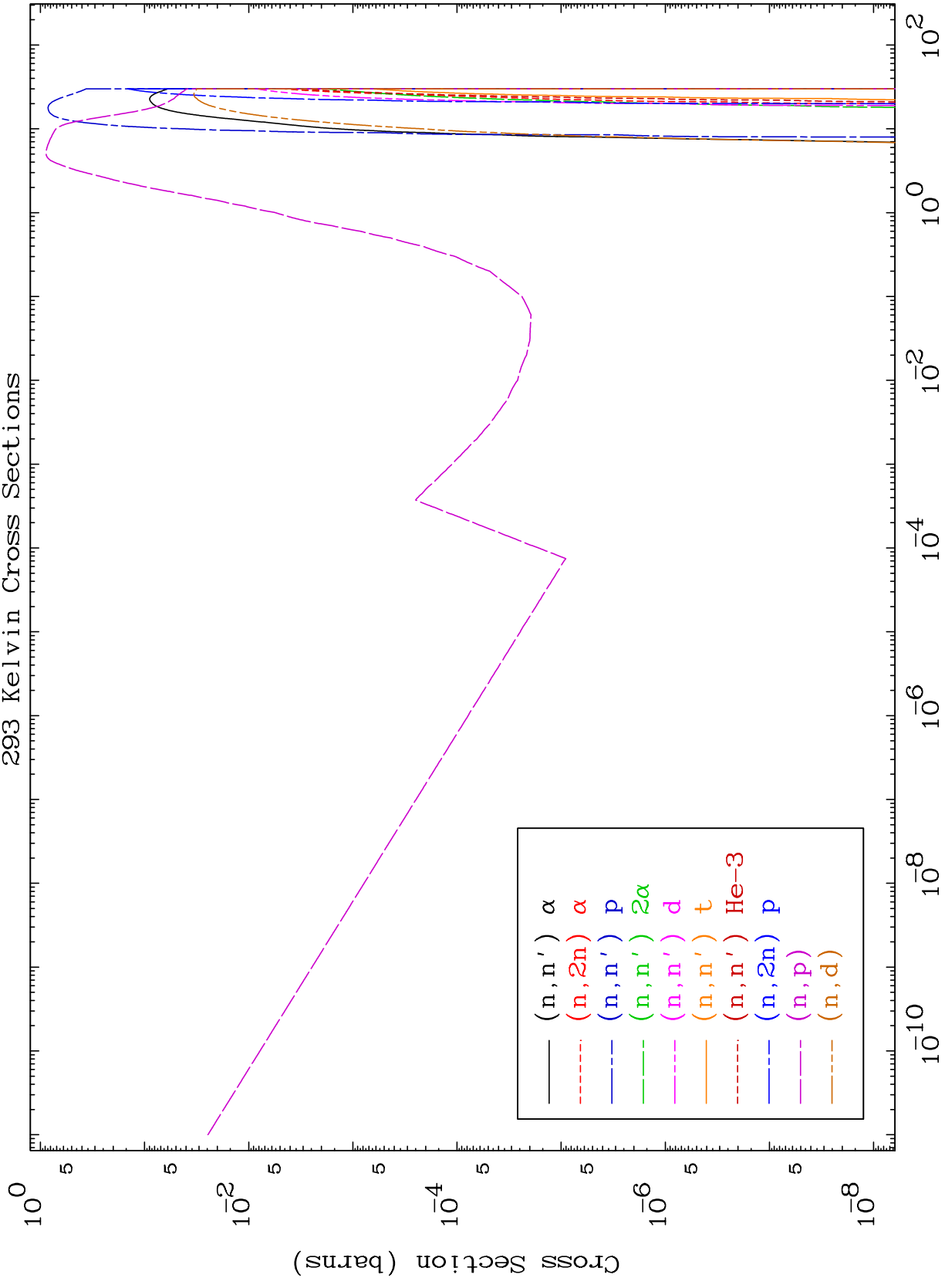
Incident Energy (MeV)

34-Se-72

MAT 3419

293 Kelvin Cross Sections

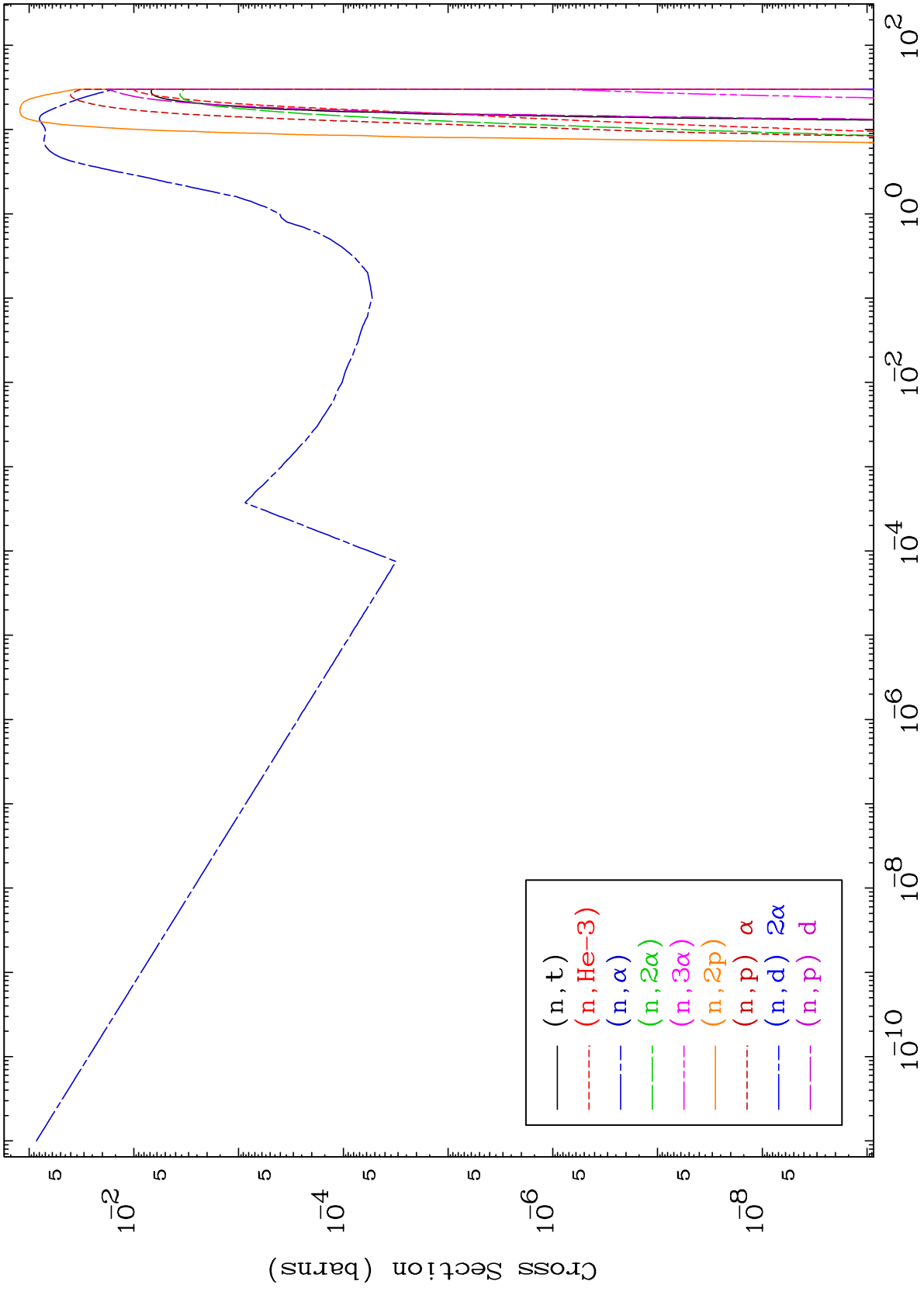
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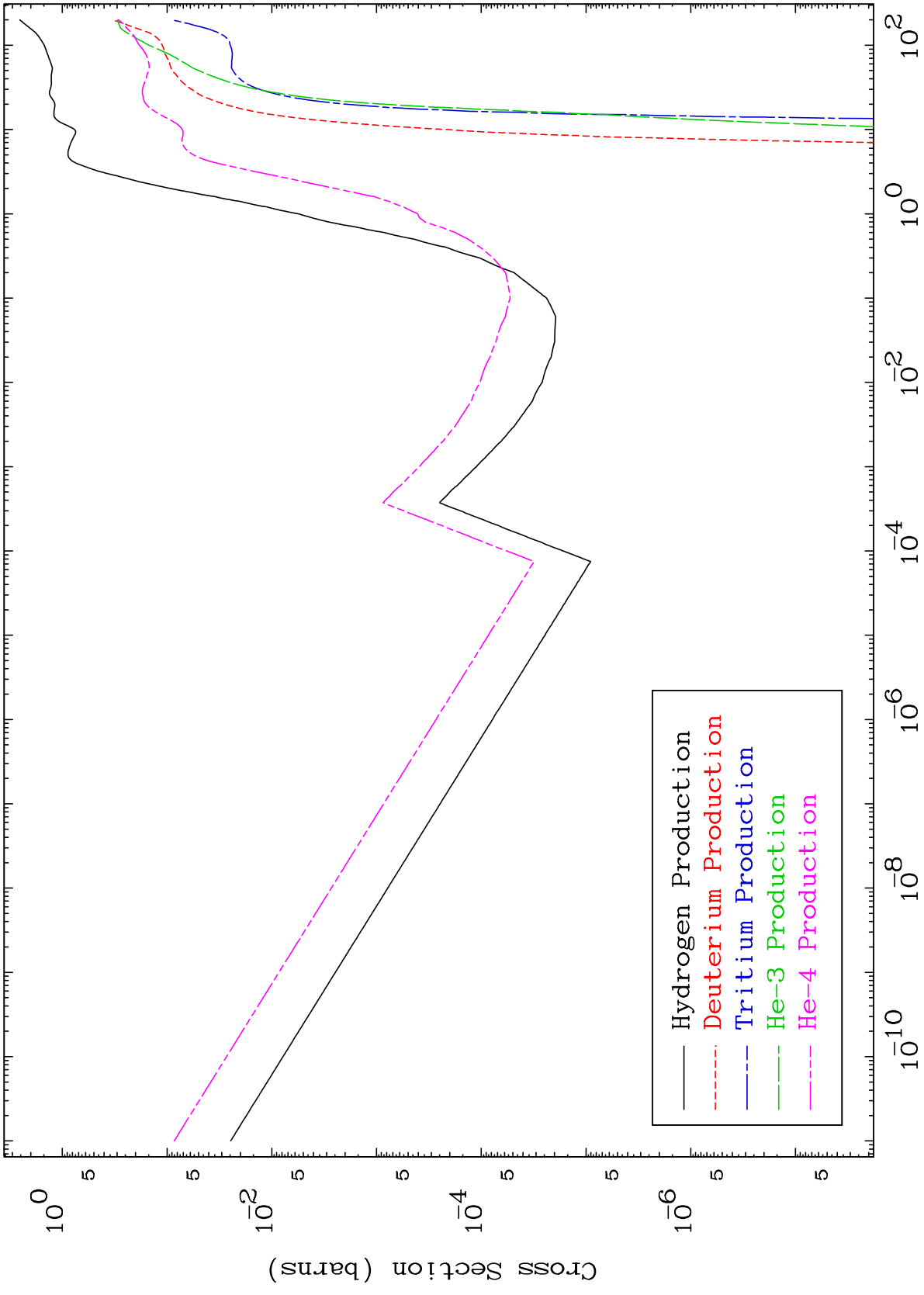


MAT 3419

293 Kelvin Cross Sections

34-Se-72



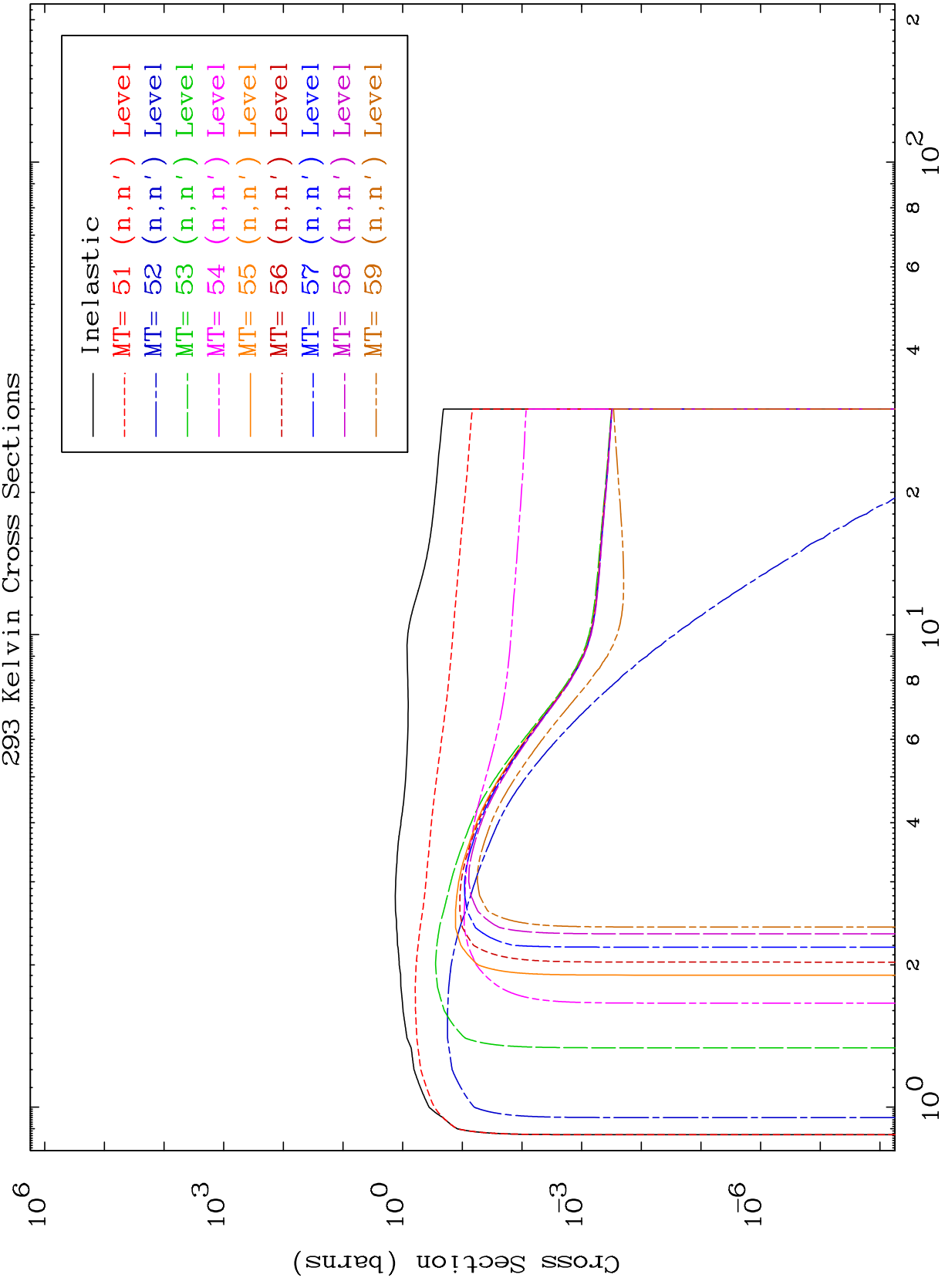


MAT 3419

(n,n') Level

34-Se-72

293 Kelvin Cross Sections



6

Incident Energy (MeV)

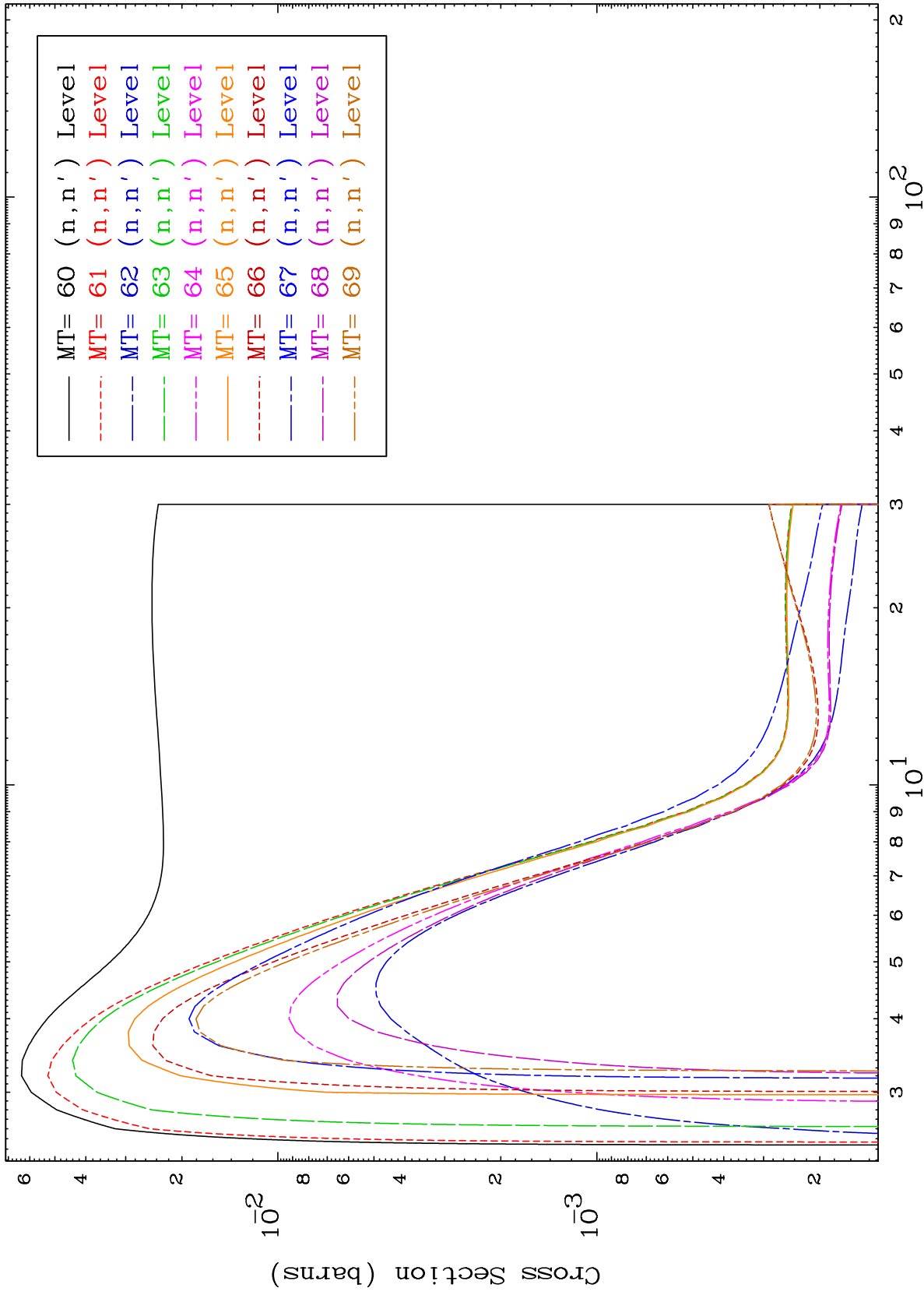
34-Se-72

MAT 3419

(n,n') Level

34-Se-72

293 Kelvin Cross Sections



7

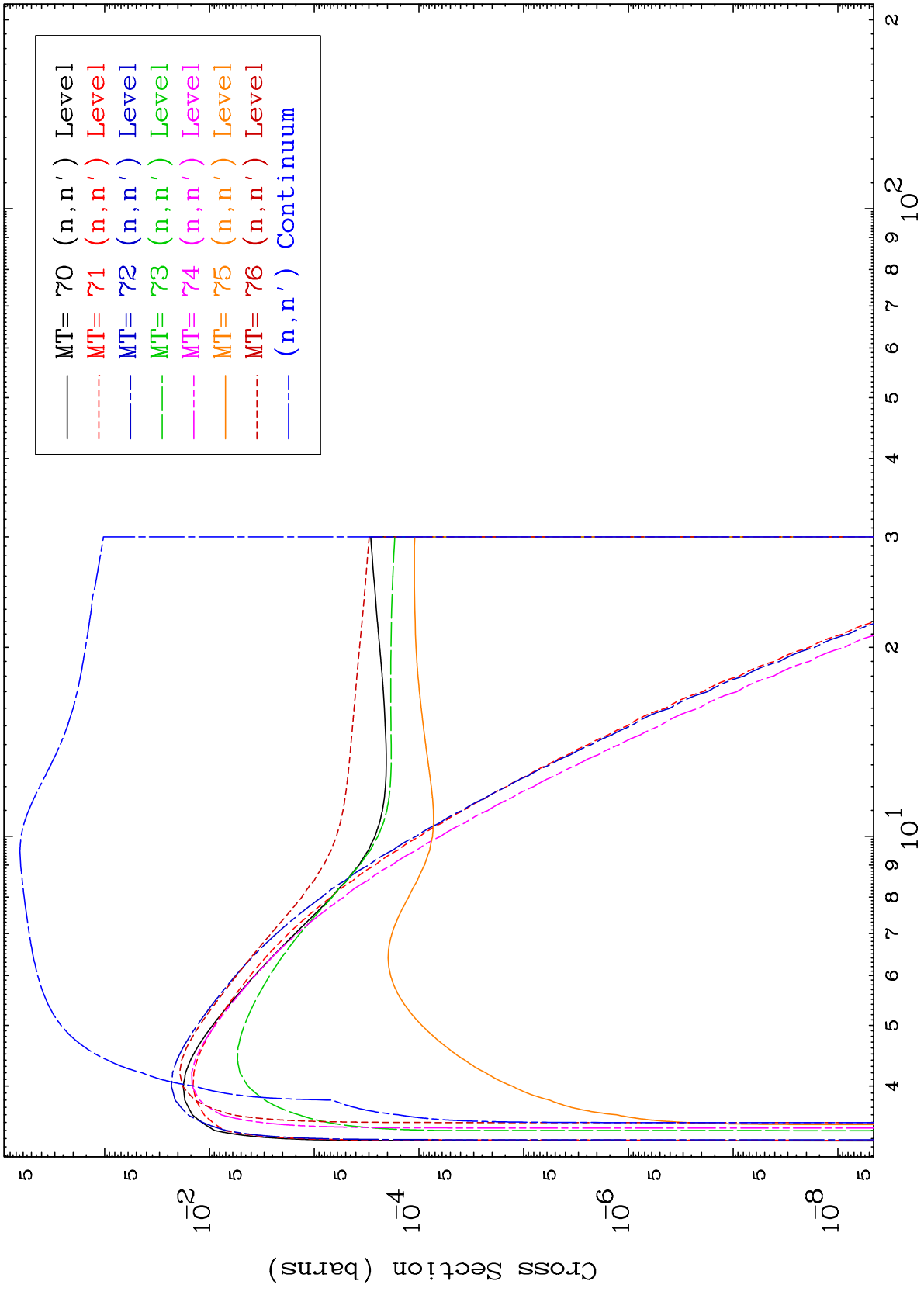
Incident Energy (MeV)

34-Se-72

MAT 3419

(n,n') Level
293 Kelvin Cross Sections

34-Se-72



8

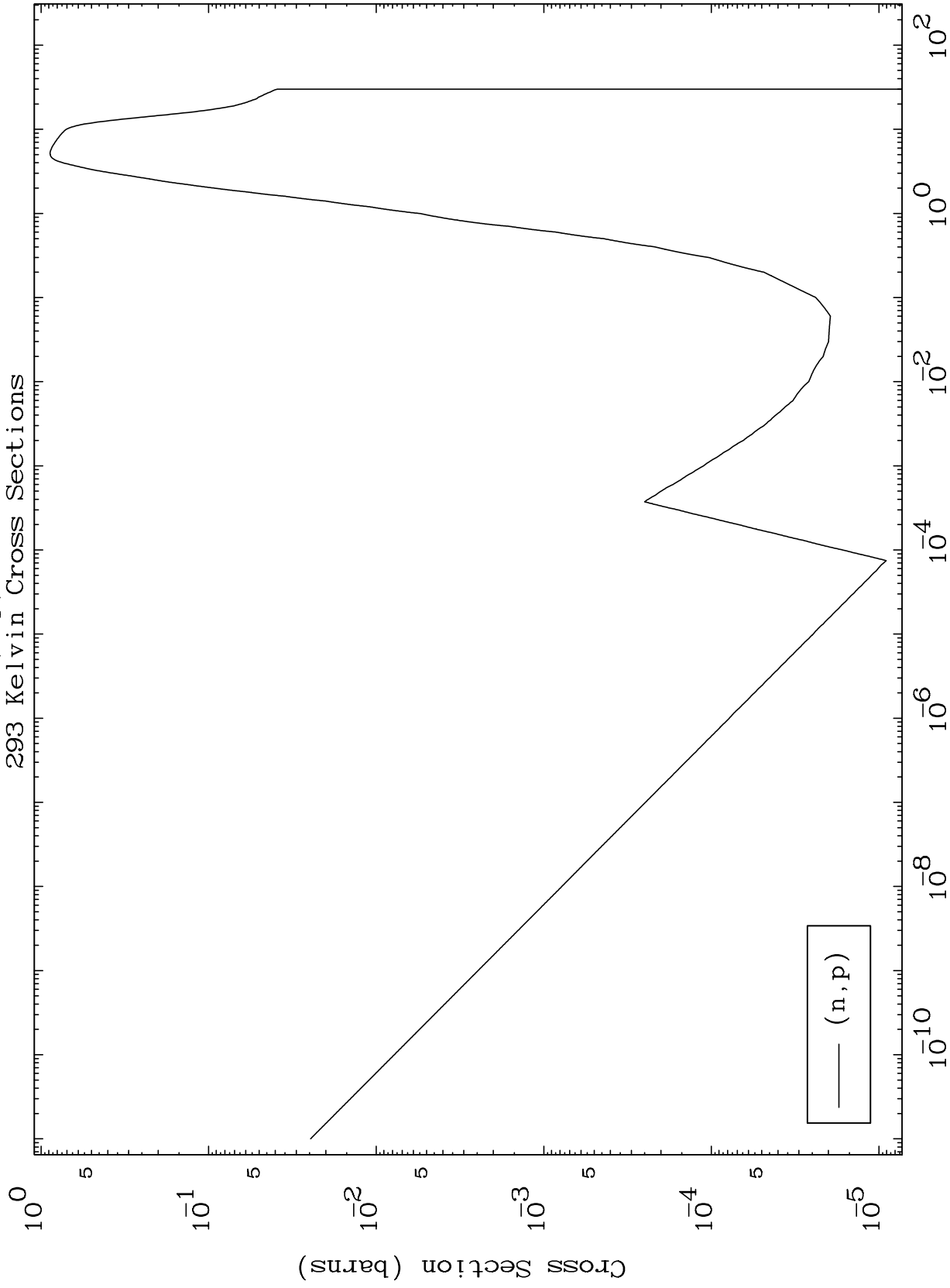
Incident Energy (MeV)

34-Se-72

MAT 3419

(n,p) Levels
293 Kelvin Cross Sections

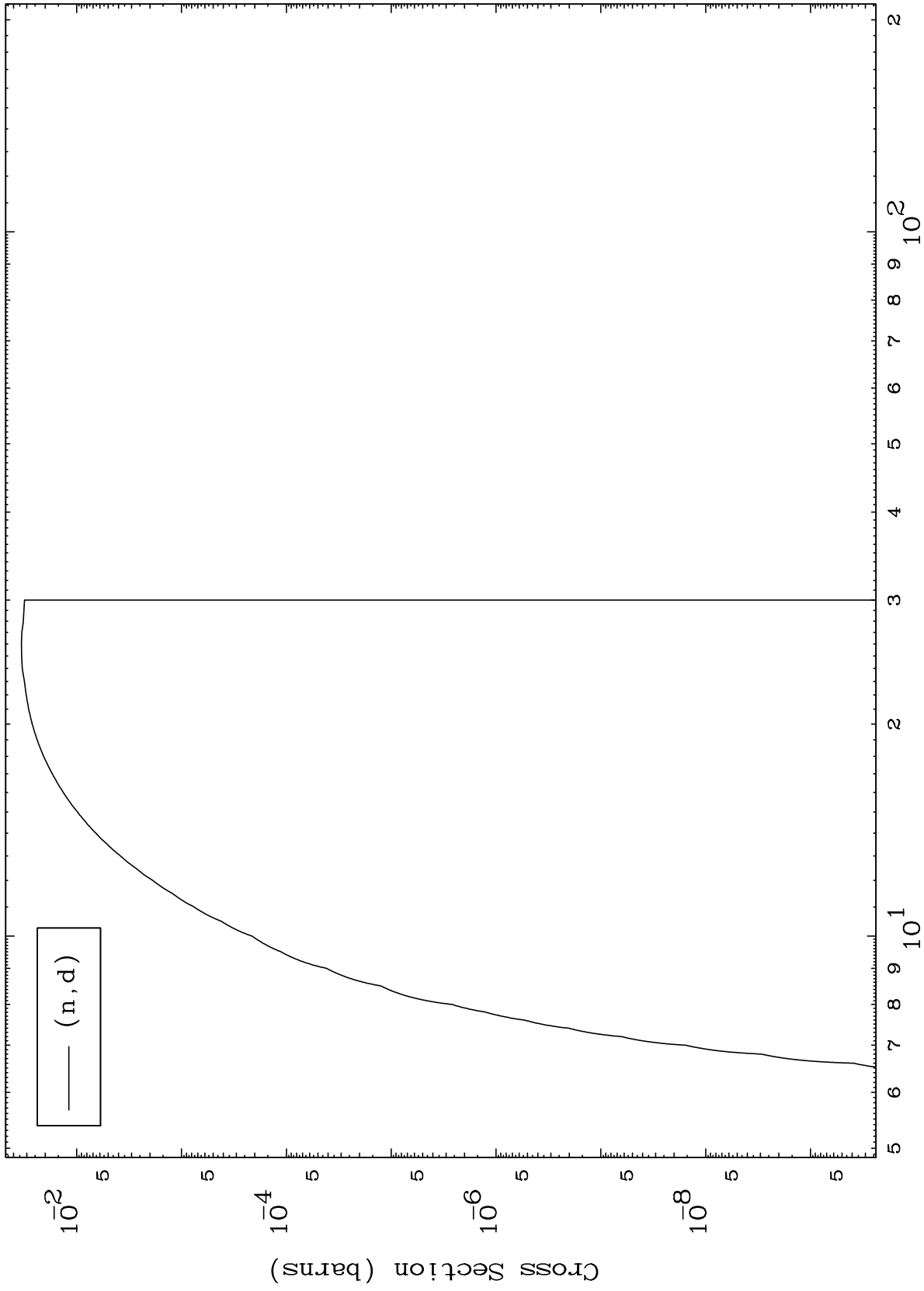
34-Se-72



MAT 3419

(n,d) Levels
293 Kelvin Cross Sections

34-Se-72



10

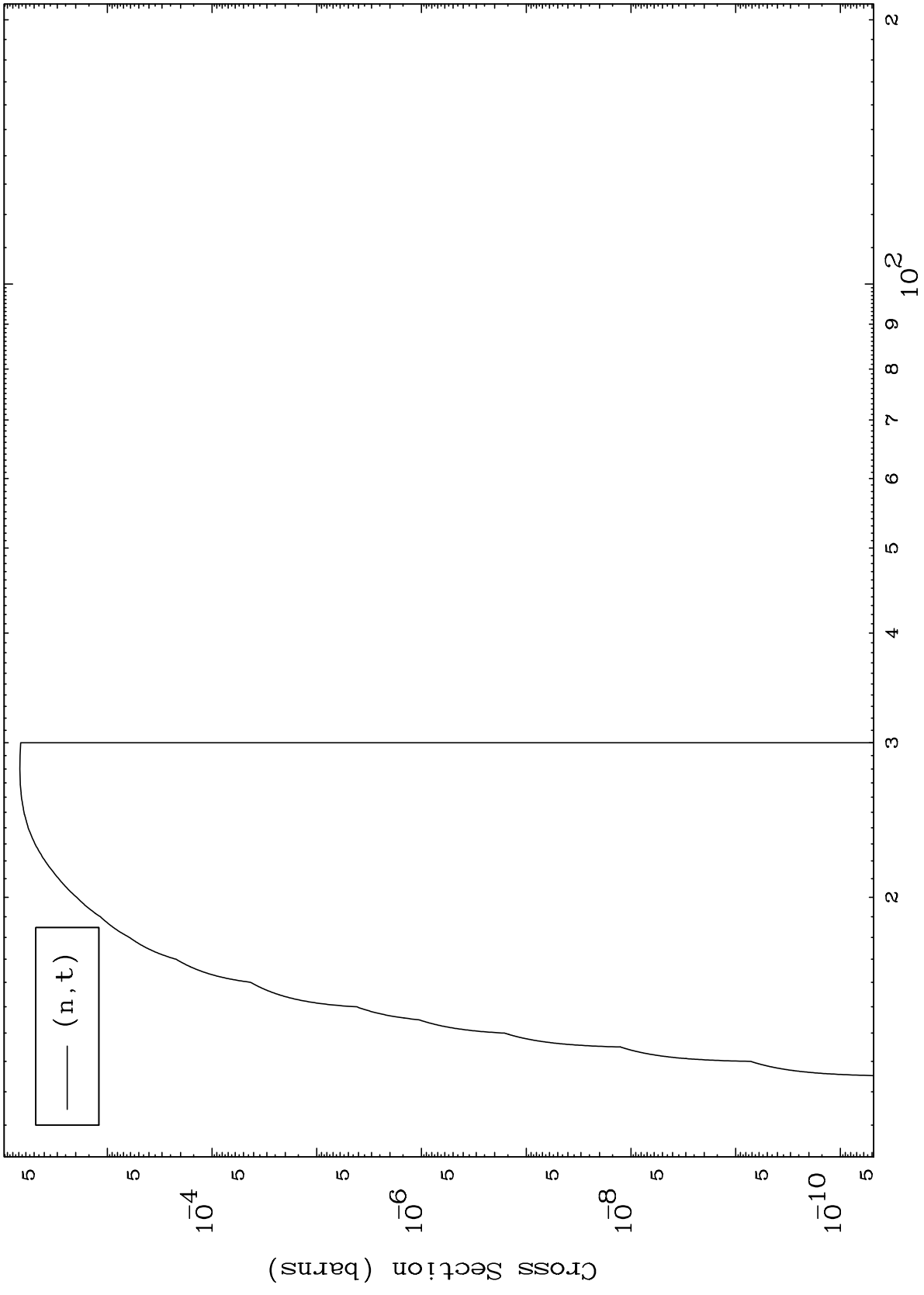
Incident Energy (MeV)

34-Se-72

MAT 3419

(n,t) Levels
293 Kelvin Cross Sections

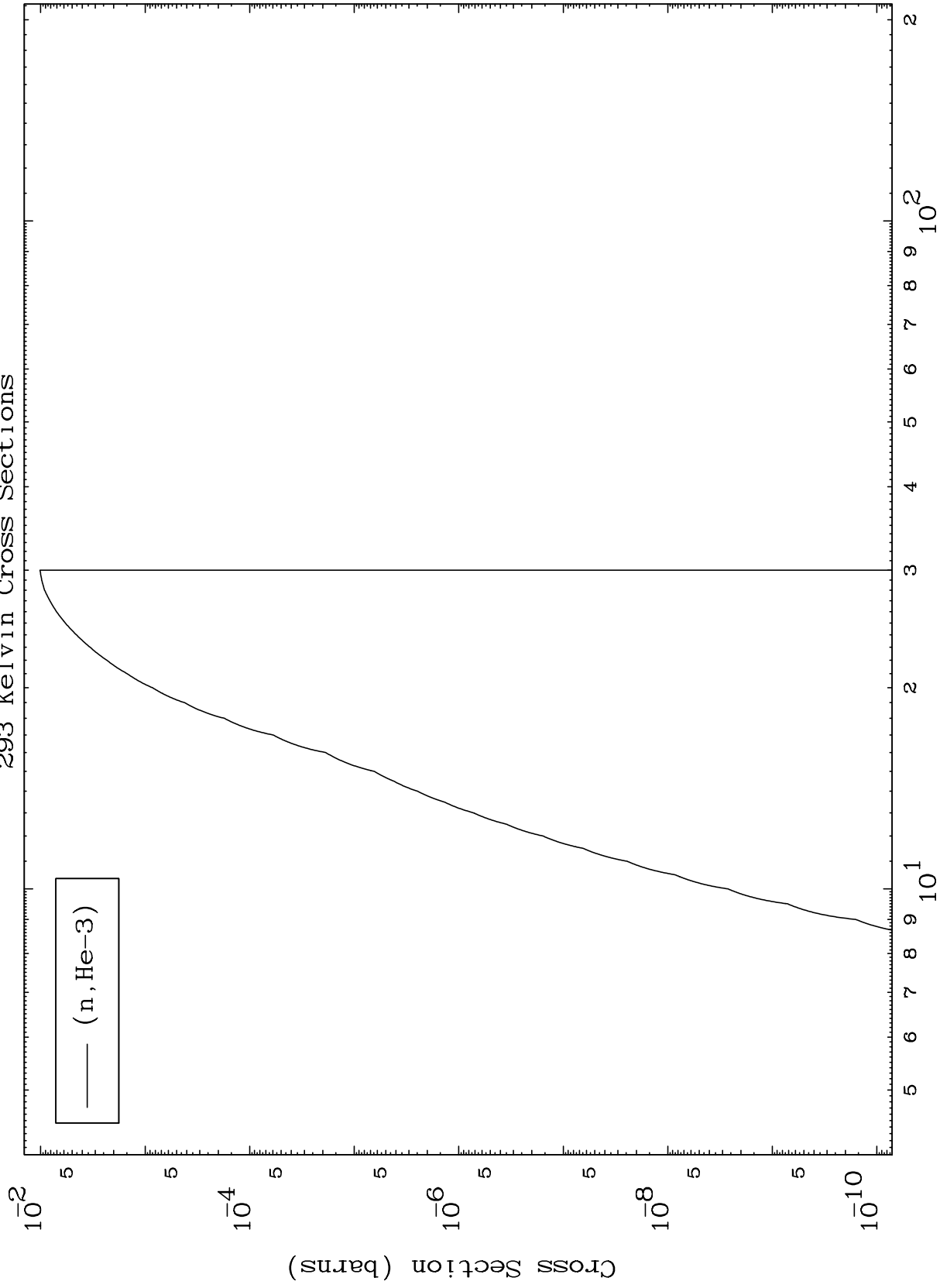
34-Se-72



MAT 3419

34-Se-72

(n,He3) Levels
293 Kelvin Cross Sections



12

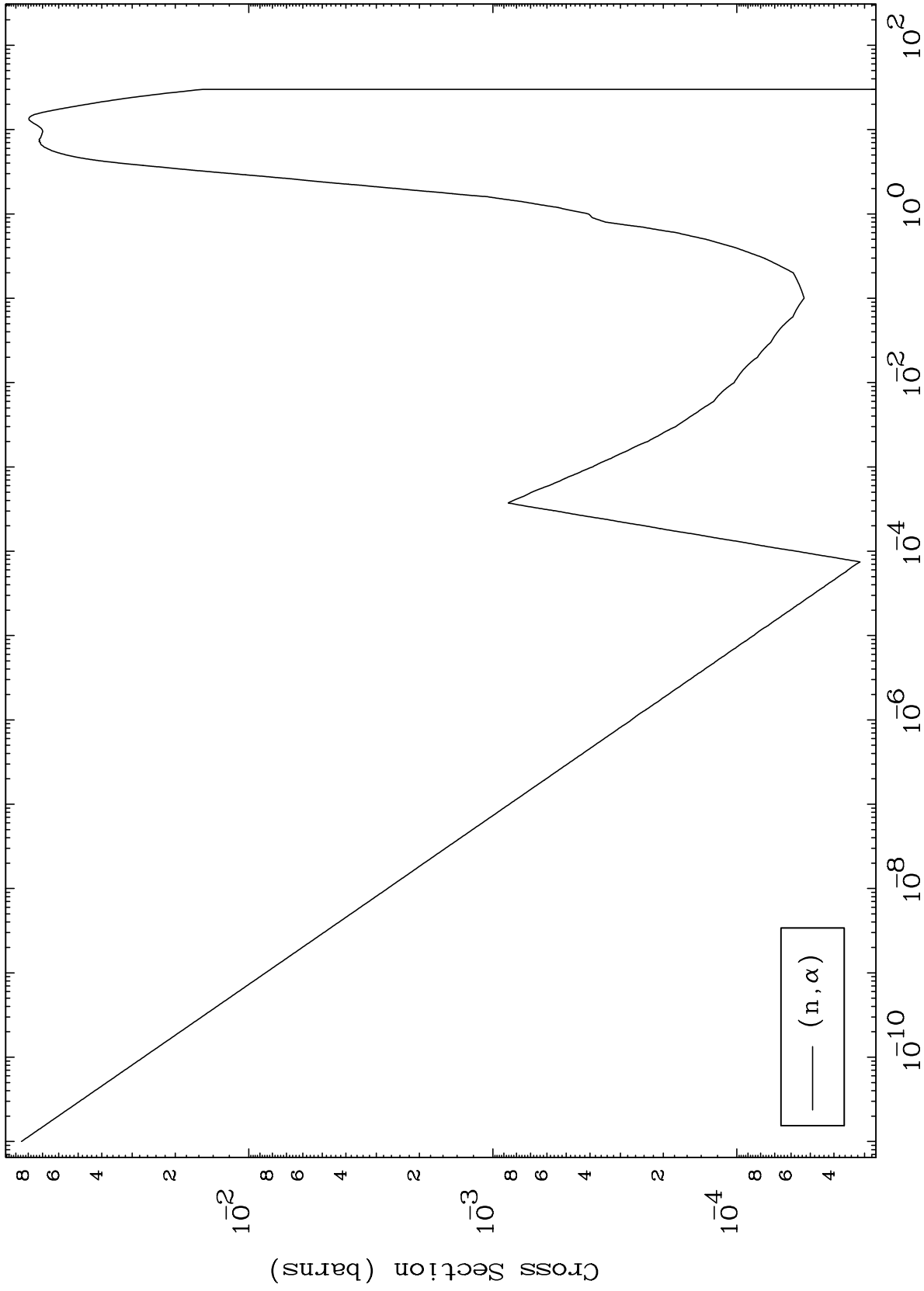
Incident Energy (MeV)

34-Se-72

MAT 3419

(n,α) Levels
293 Kelvin Cross Sections

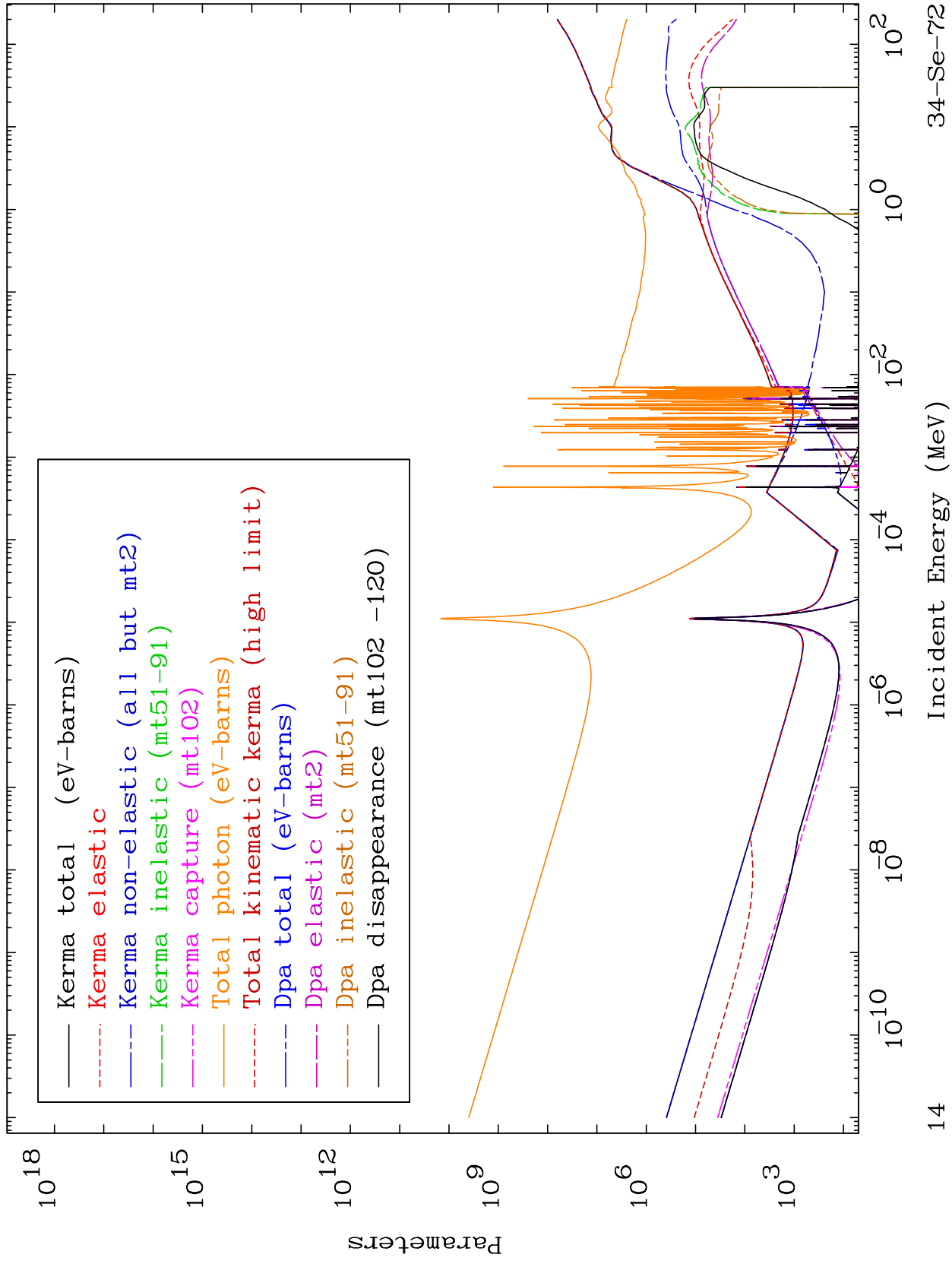
34-Se-72



13

Incident Energy (MeV)

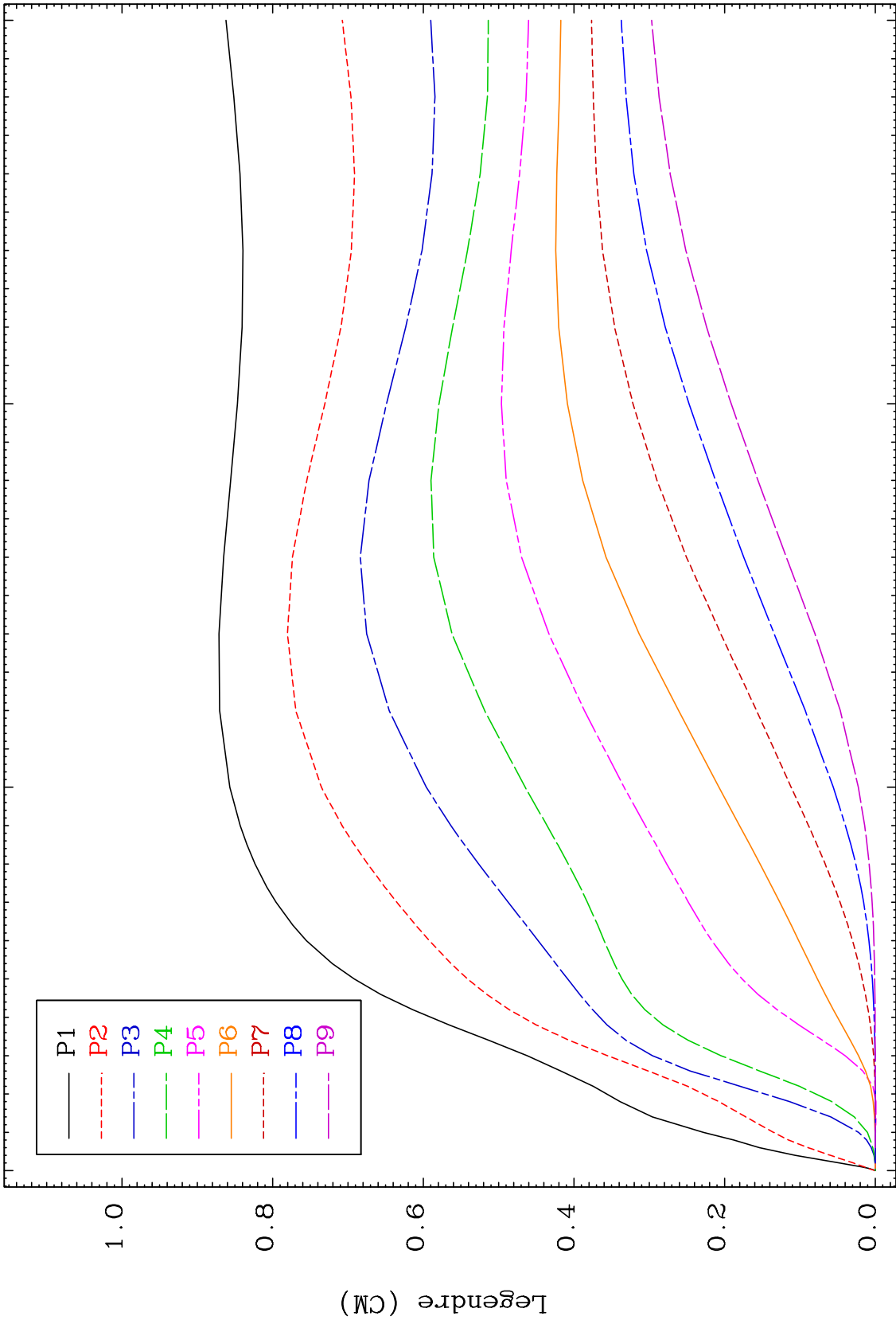
34-Se-72



MAT 3419

Elastic Legendre Coefficients

³⁴Se-72



15

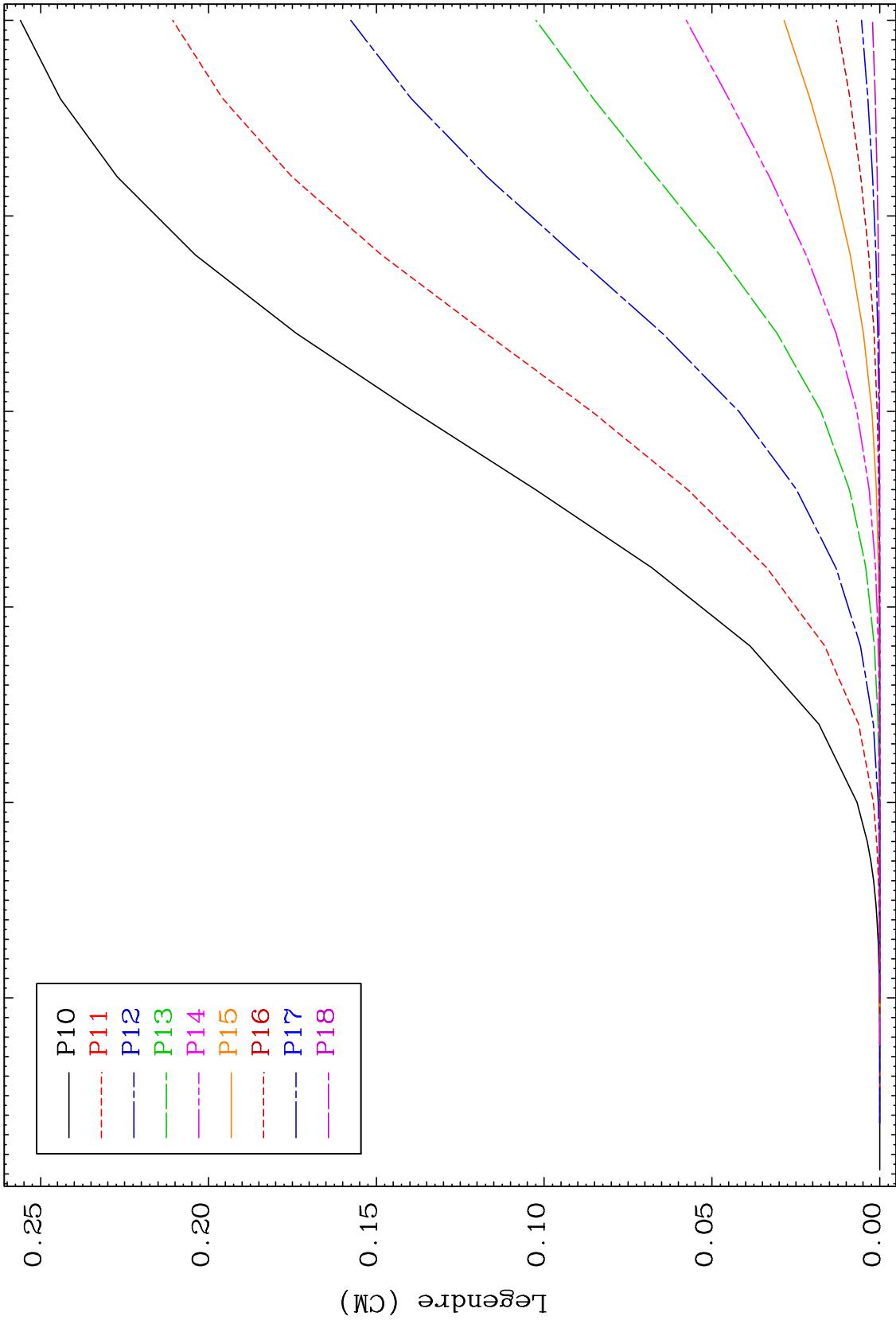
Incident Energy (MeV)

³⁴Se-72

MAT 3419

Elastic Legendre Coefficients

³⁴Se-72



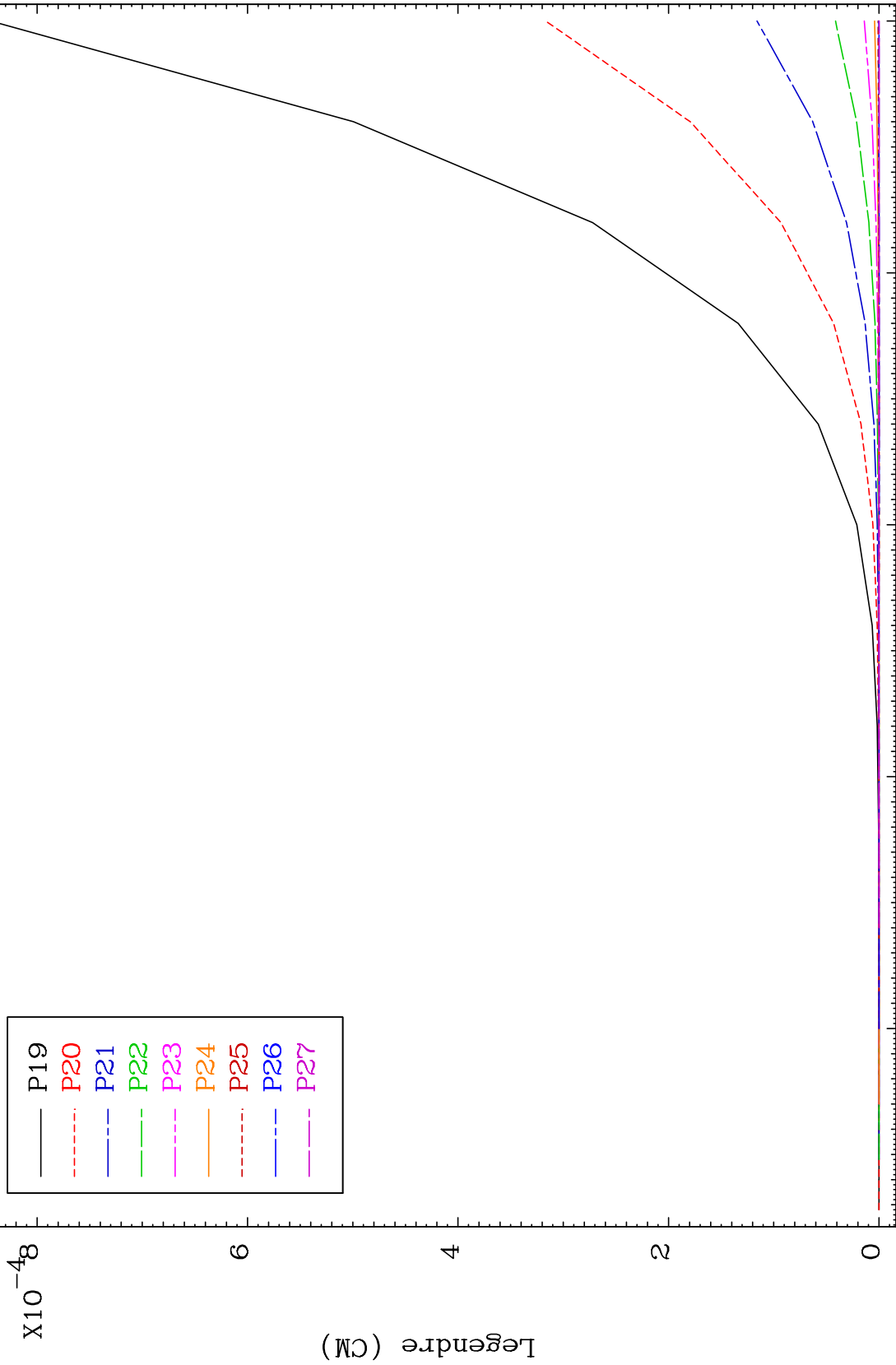
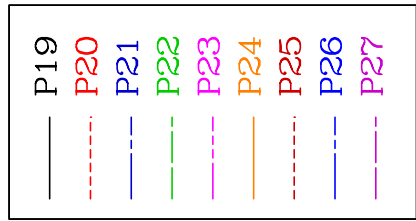
16

³⁴Se-72

MAT 3419

Elastic Legendre Coefficients

³⁴Se-72



17

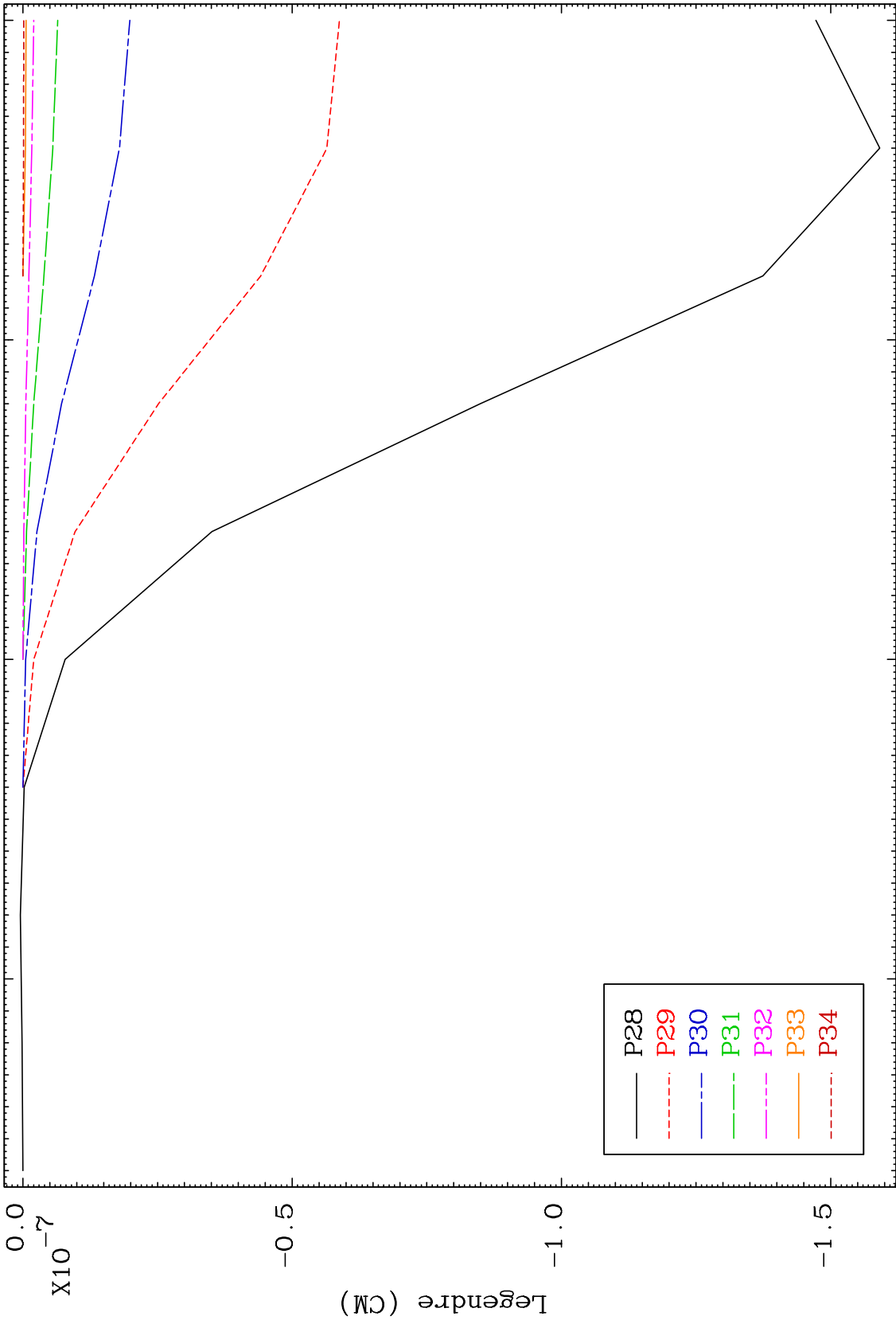
Incident Energy (MeV)

³⁴Se-72

MAT 3419

34-Se-72

Elastic
Legendre Coefficients



18

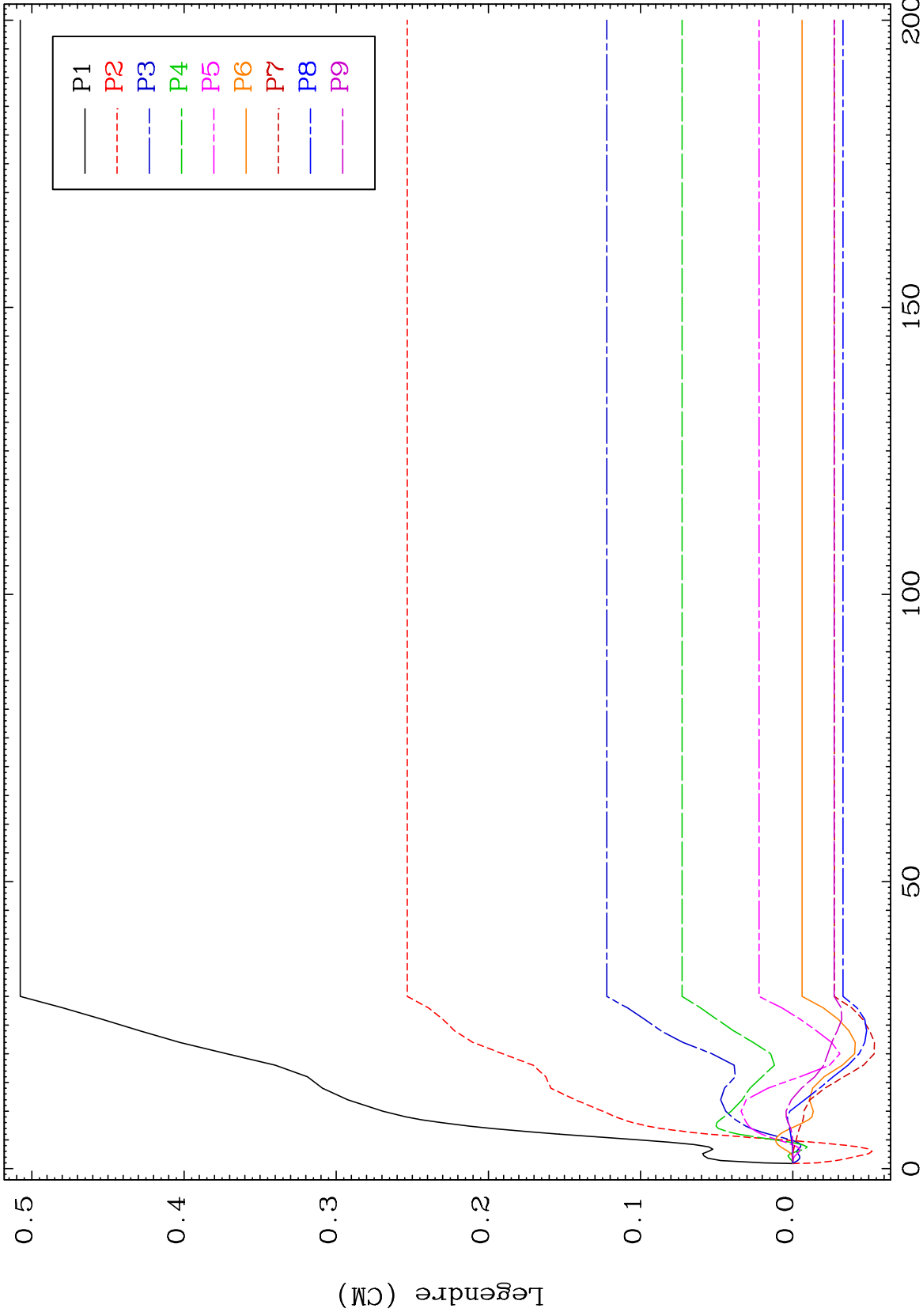
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



19

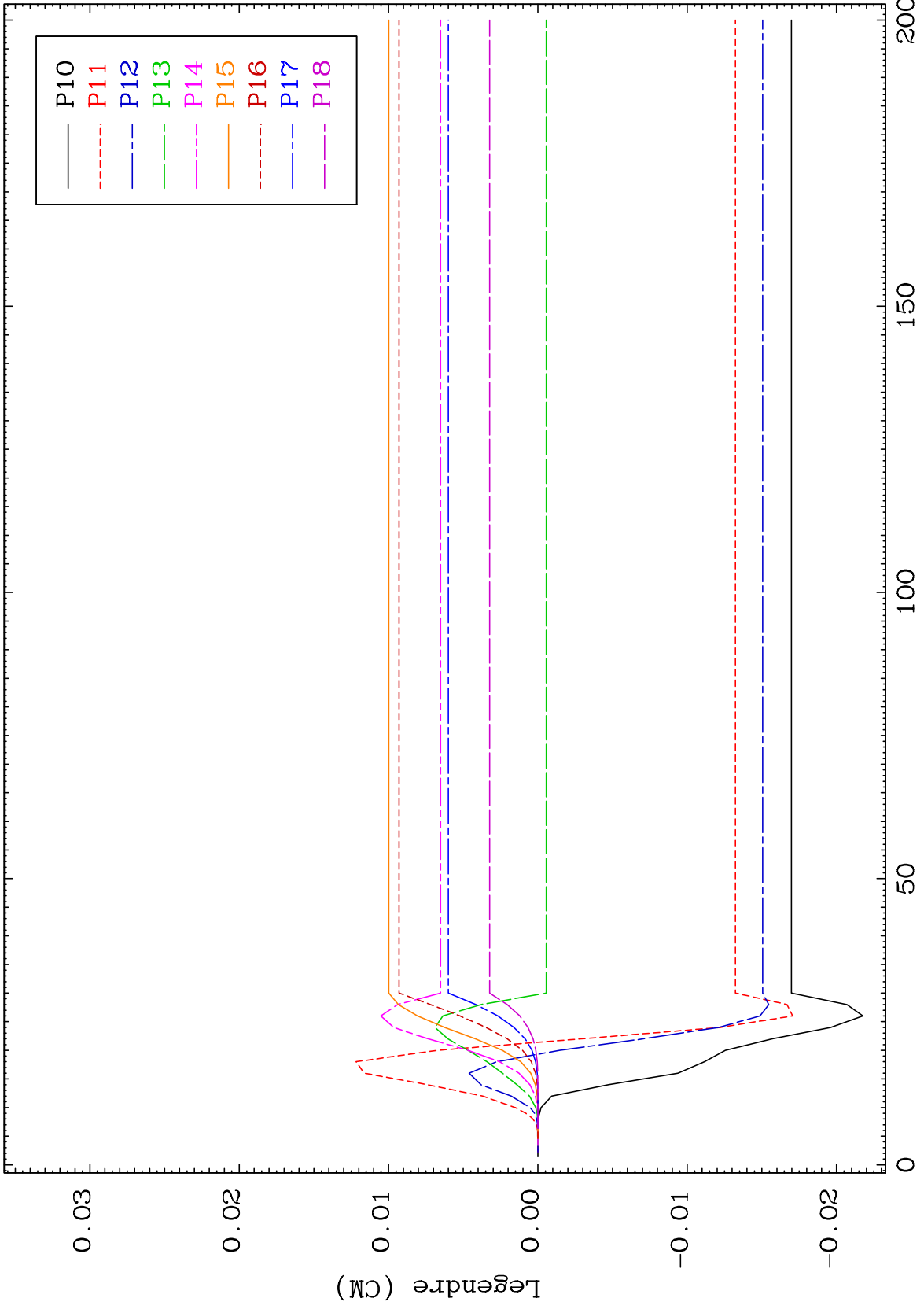
Incident Energy (MeV)

34-Se-72

MAT 3419

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

³⁴Se-72



0

-0.02

-0.01

0.00

0.01

0.02

0.03

20

50

100

150

200

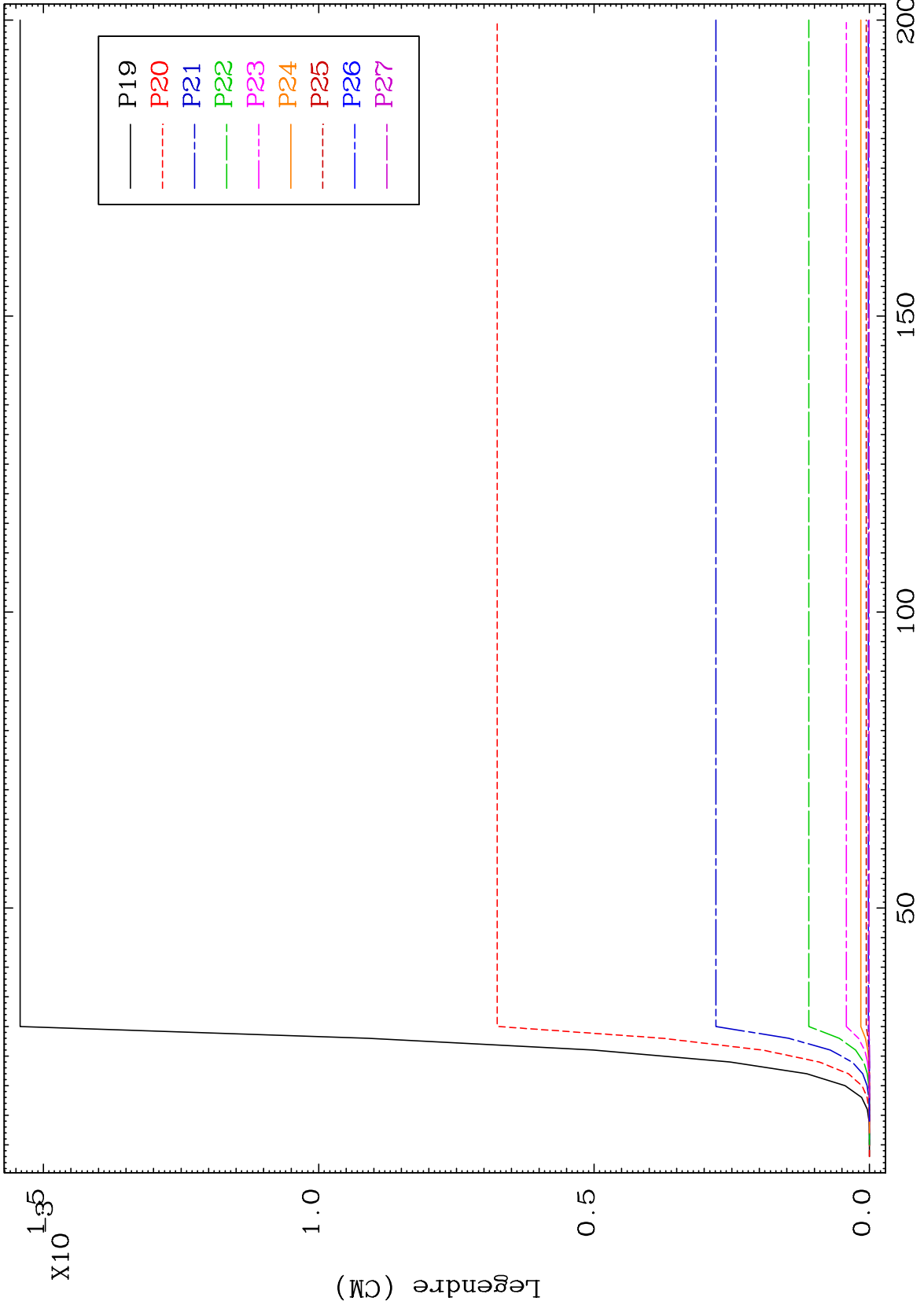
Incident Energy (MeV)

³⁴Se-72

MAT 3419

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

34-Se-72



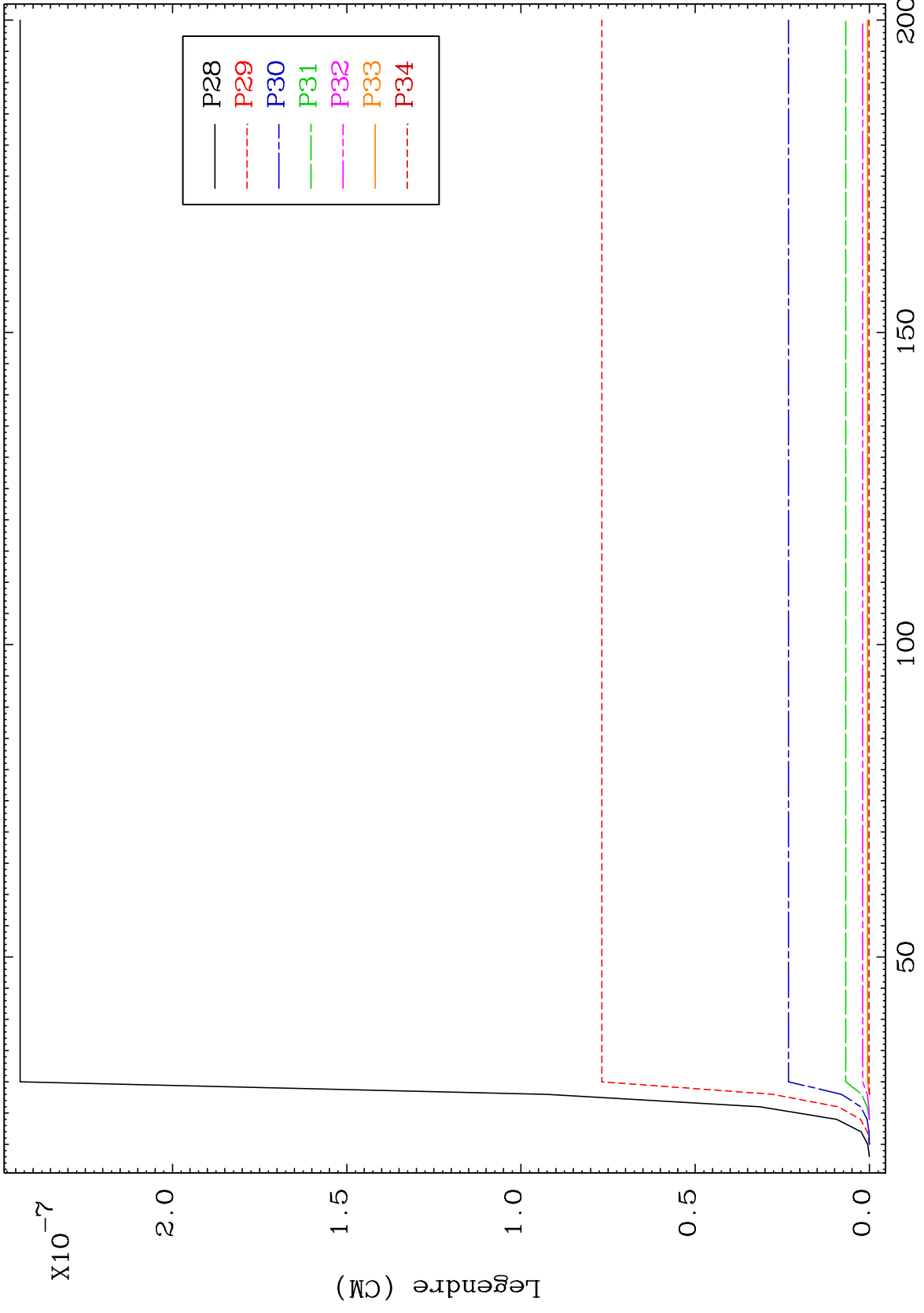
21

34-Se-72

MAT 3419

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

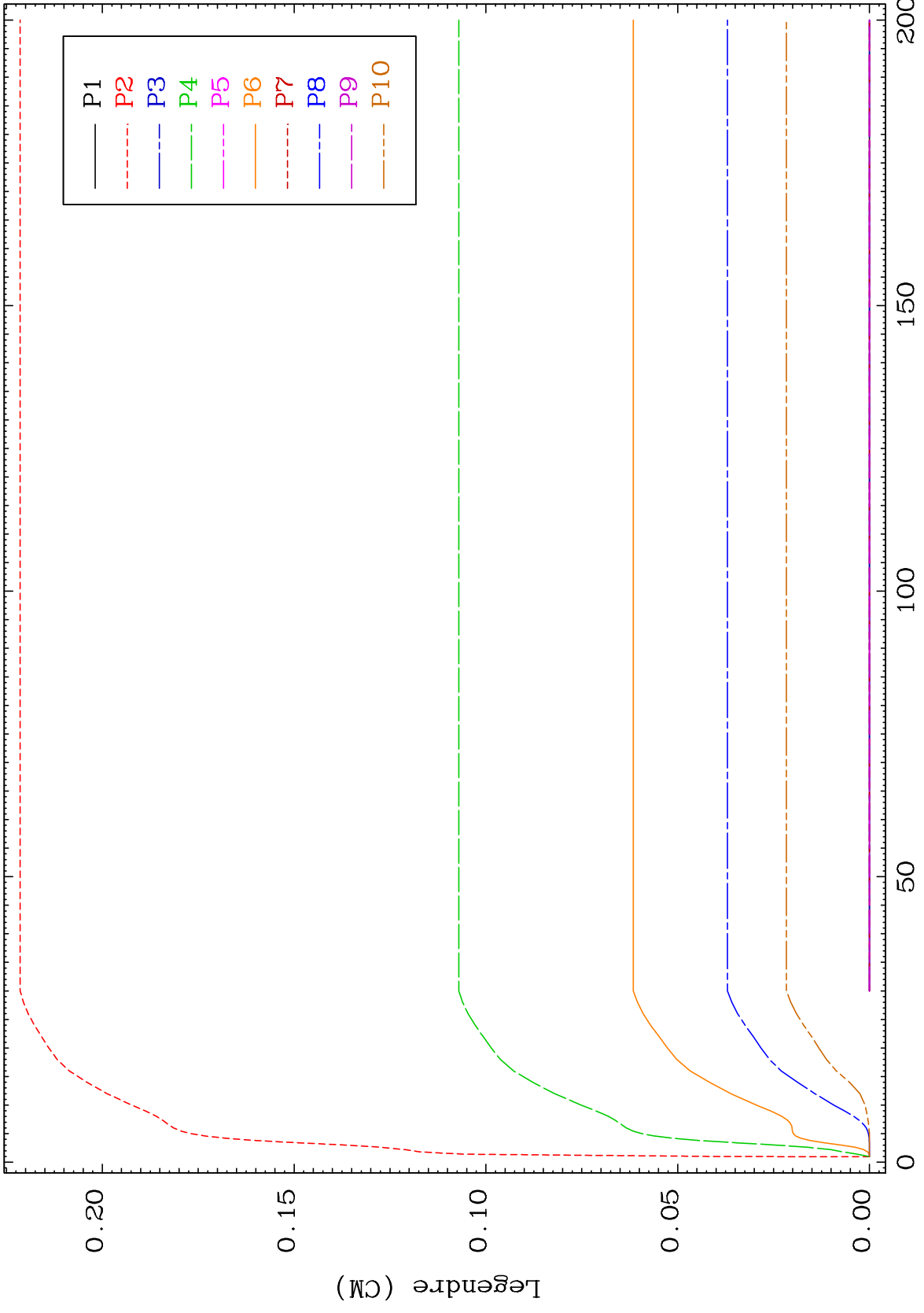
34-Se-72



22

34-Se-72

MAT 3419 MT= 52 (n,n') Level Legendre Coefficients 34-Se-72

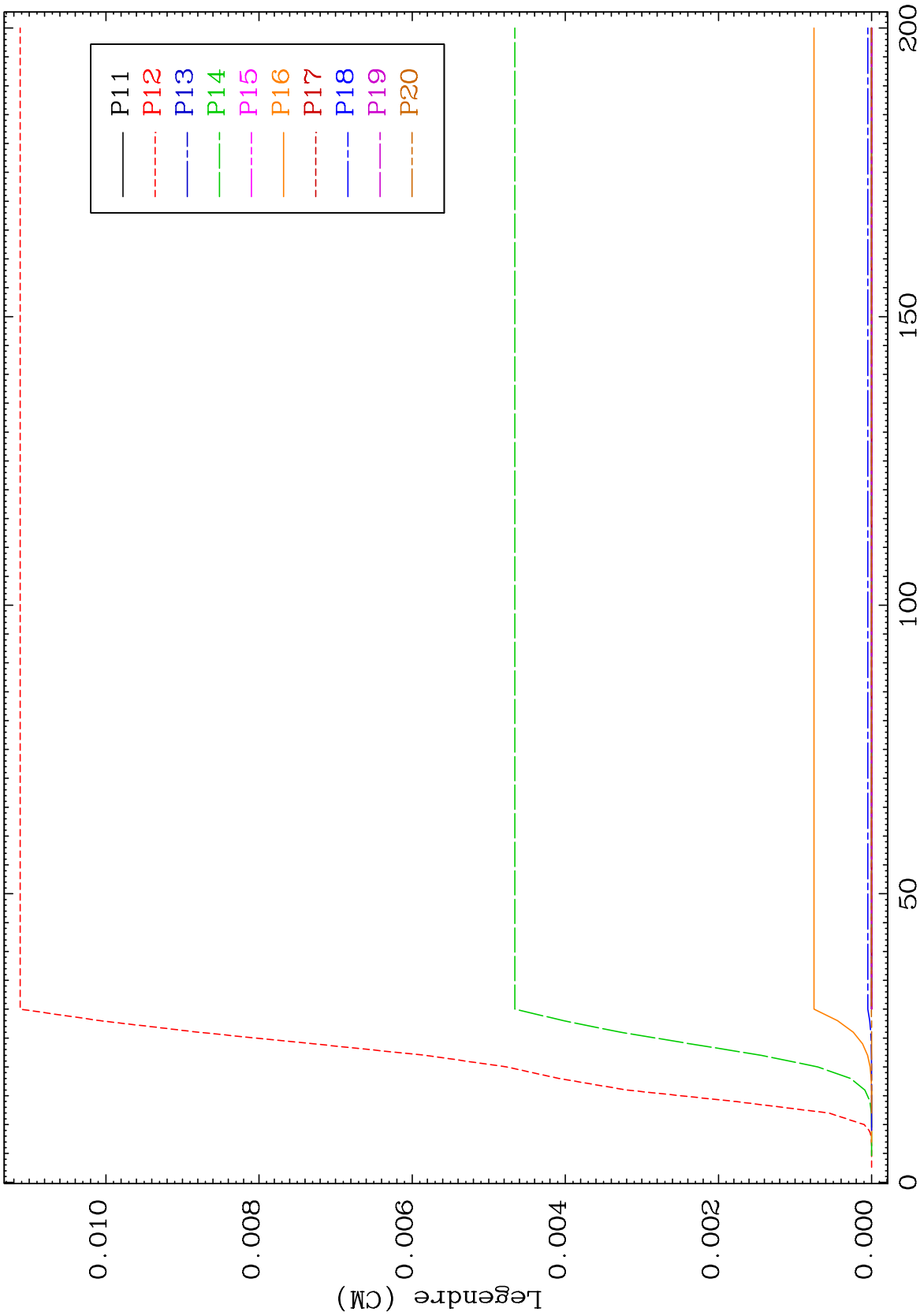


34-Se-72

MAT 3419

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

34-Se-72

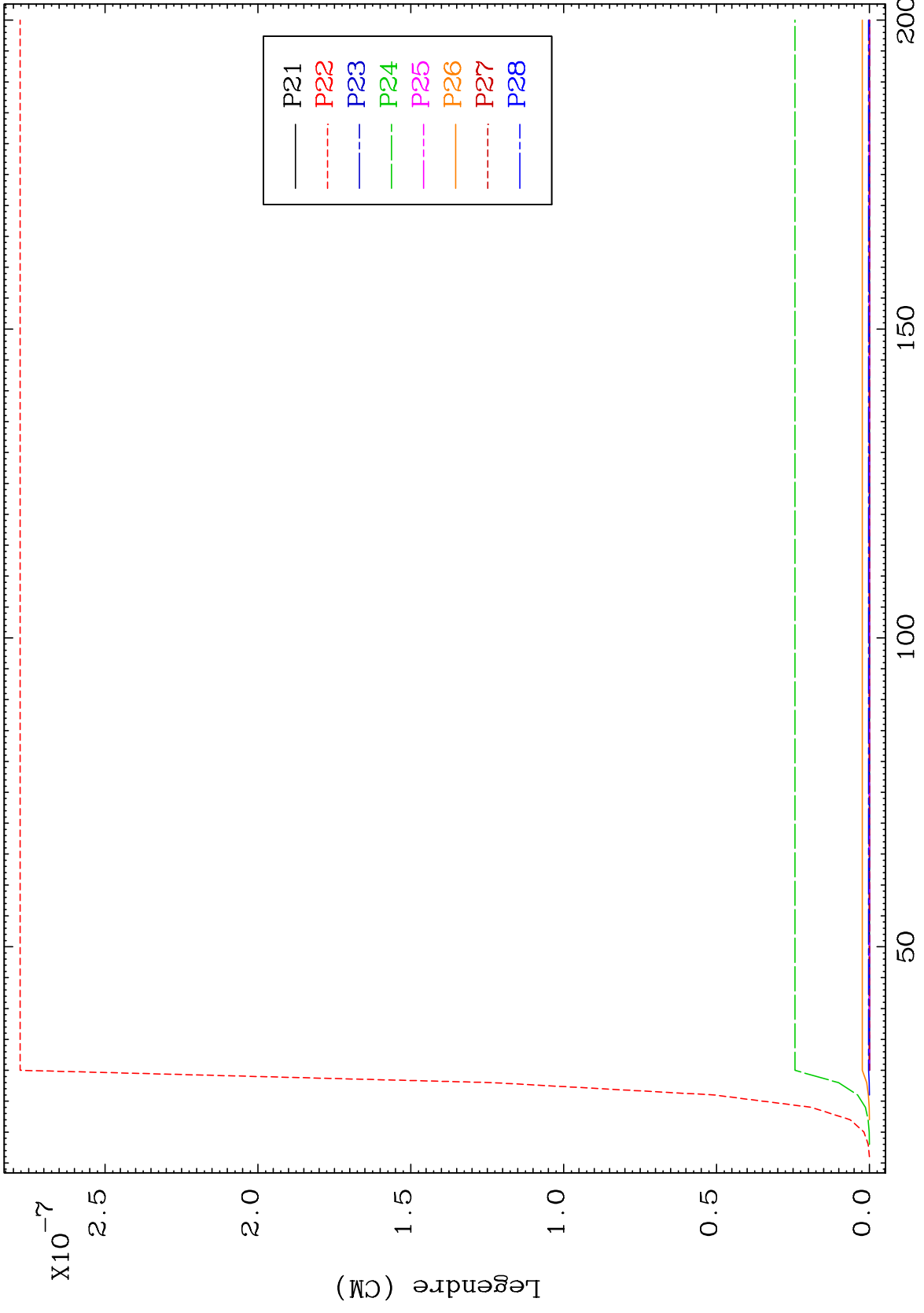


24

Incident Energy (MeV)

34-Se-72

MAT 3419 MT= 52 (n,n') Level Legendre Coefficients 34-Se-72

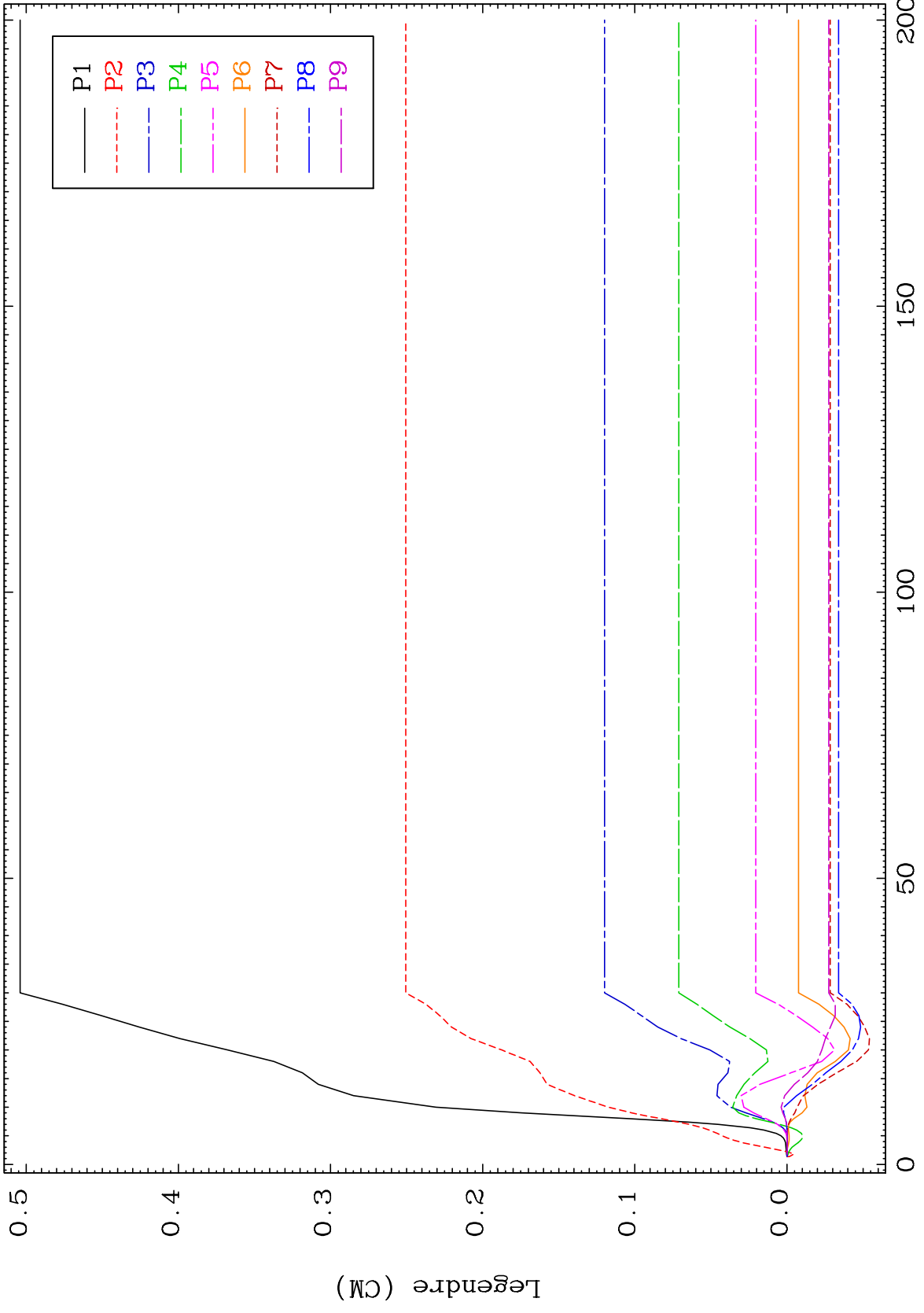


25 50 100 150 200 34-Se-72

MAT 3419

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

34-Se-72



26

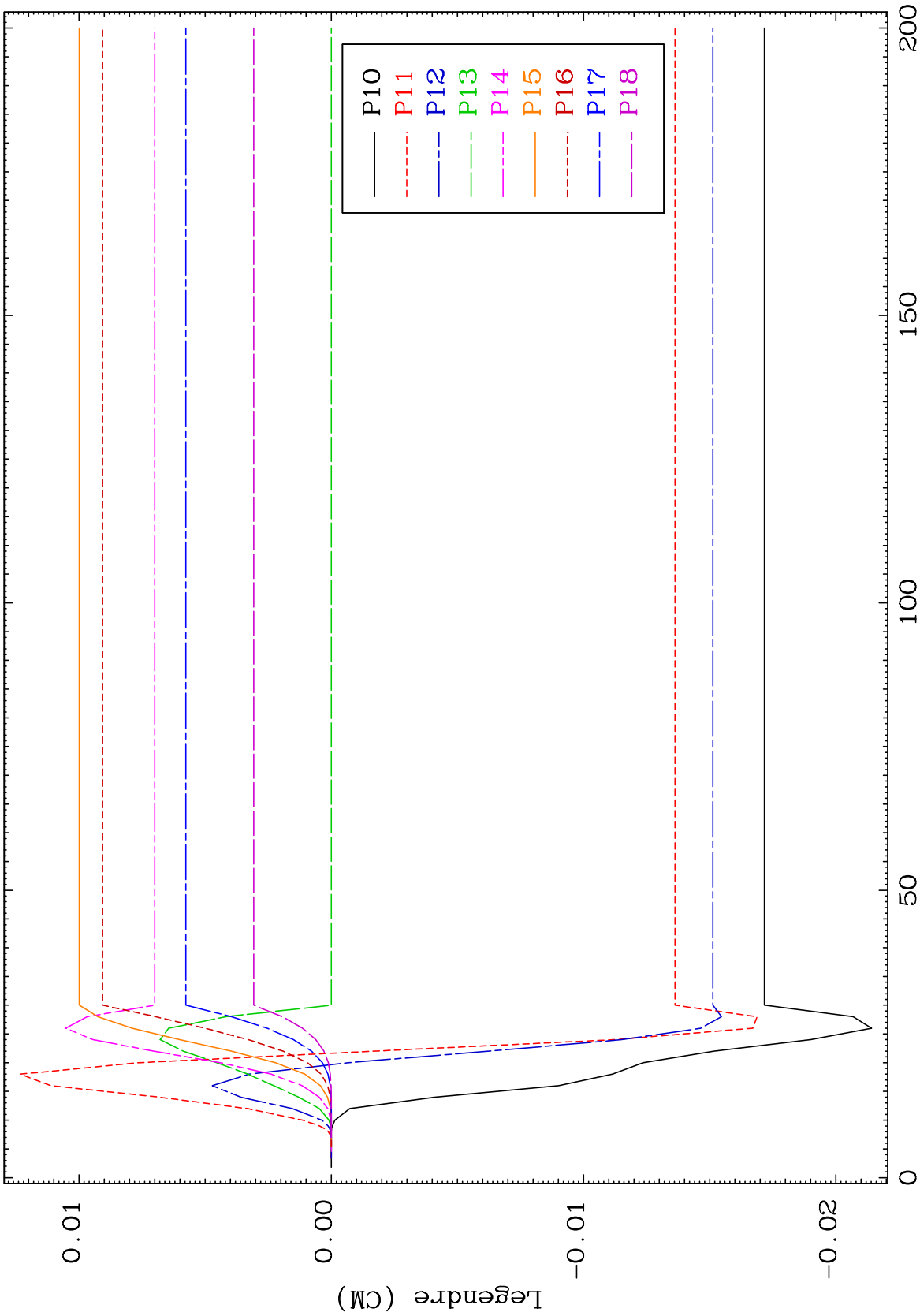
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



27

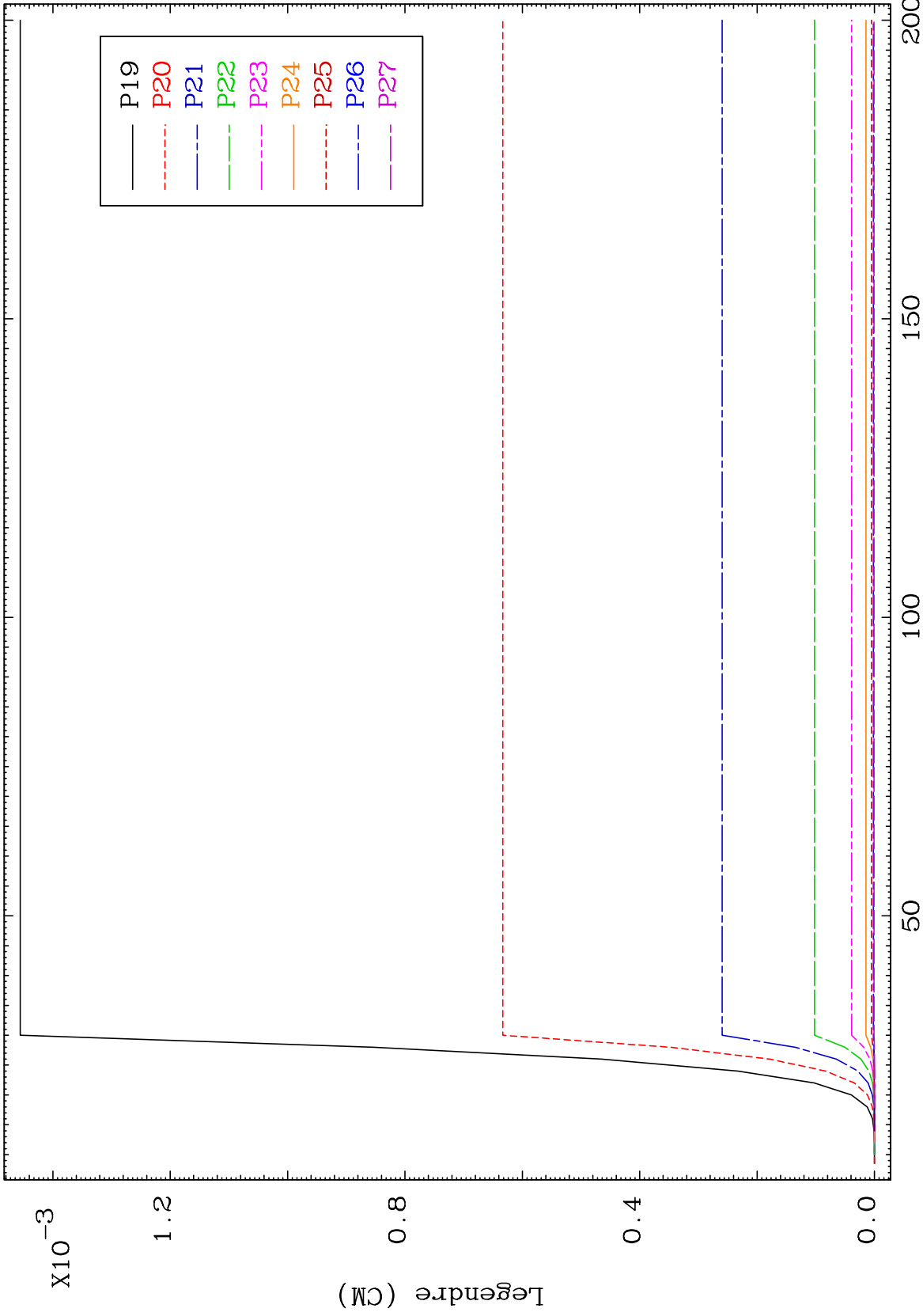
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



28

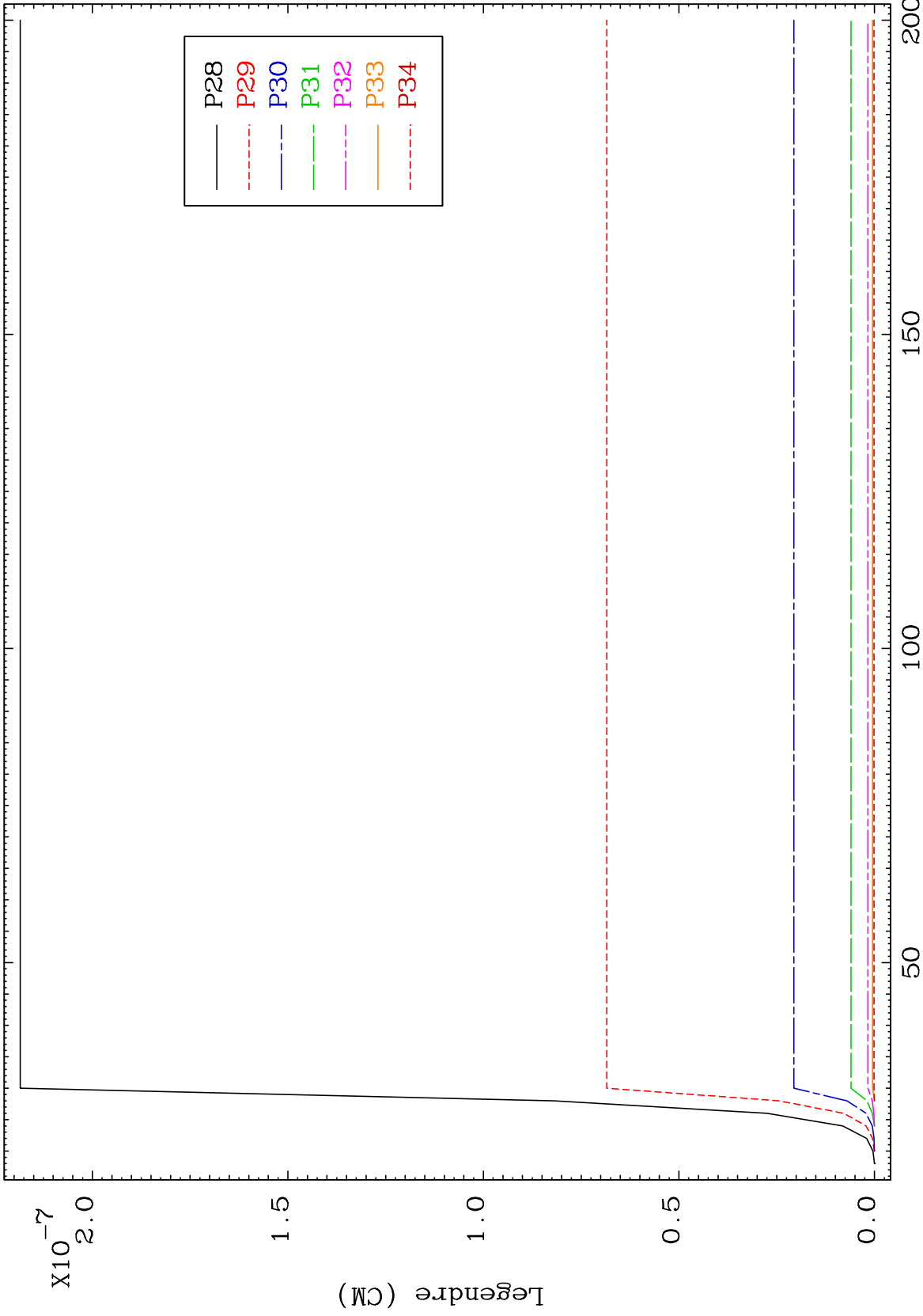
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



29

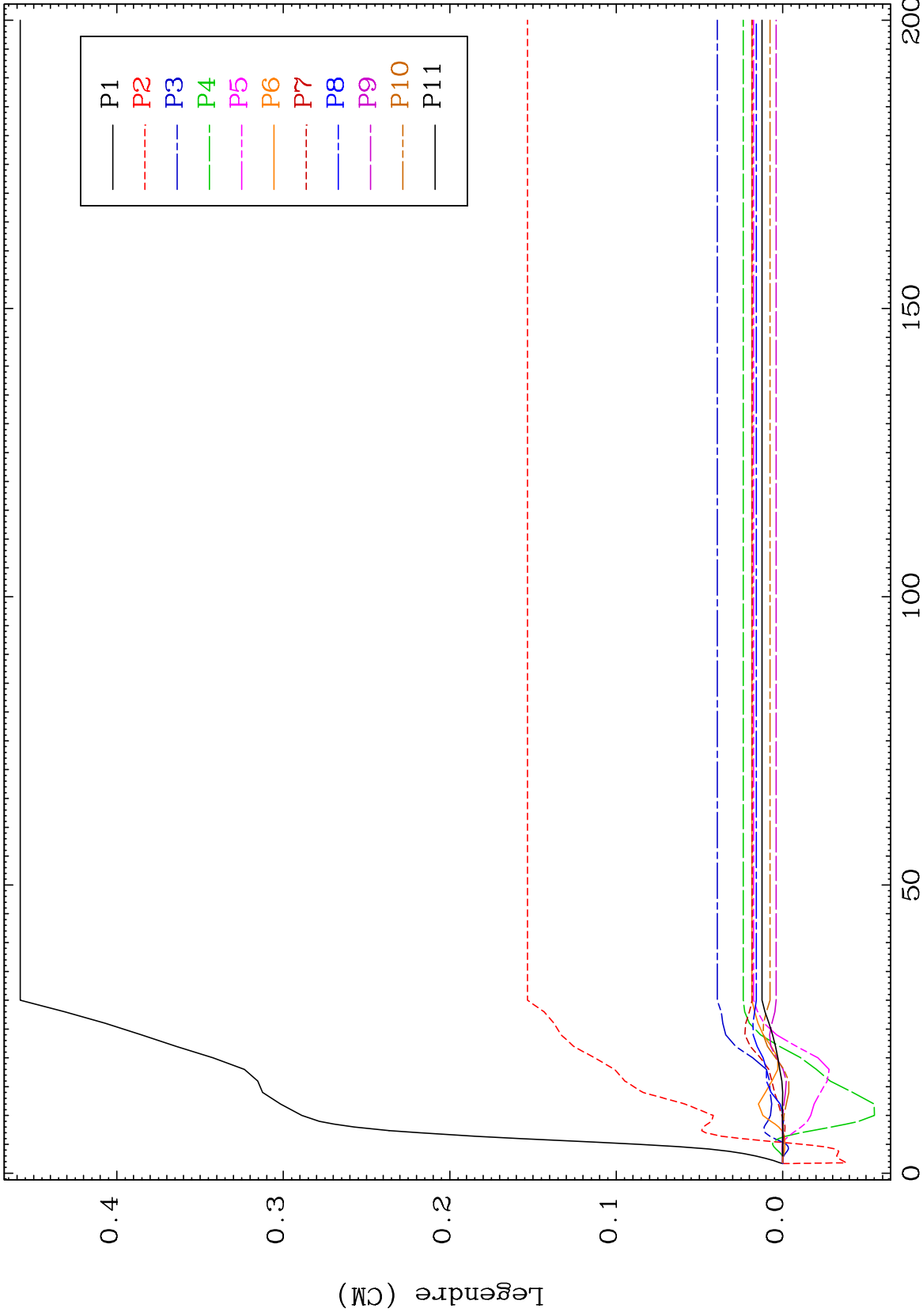
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



34-Se-72

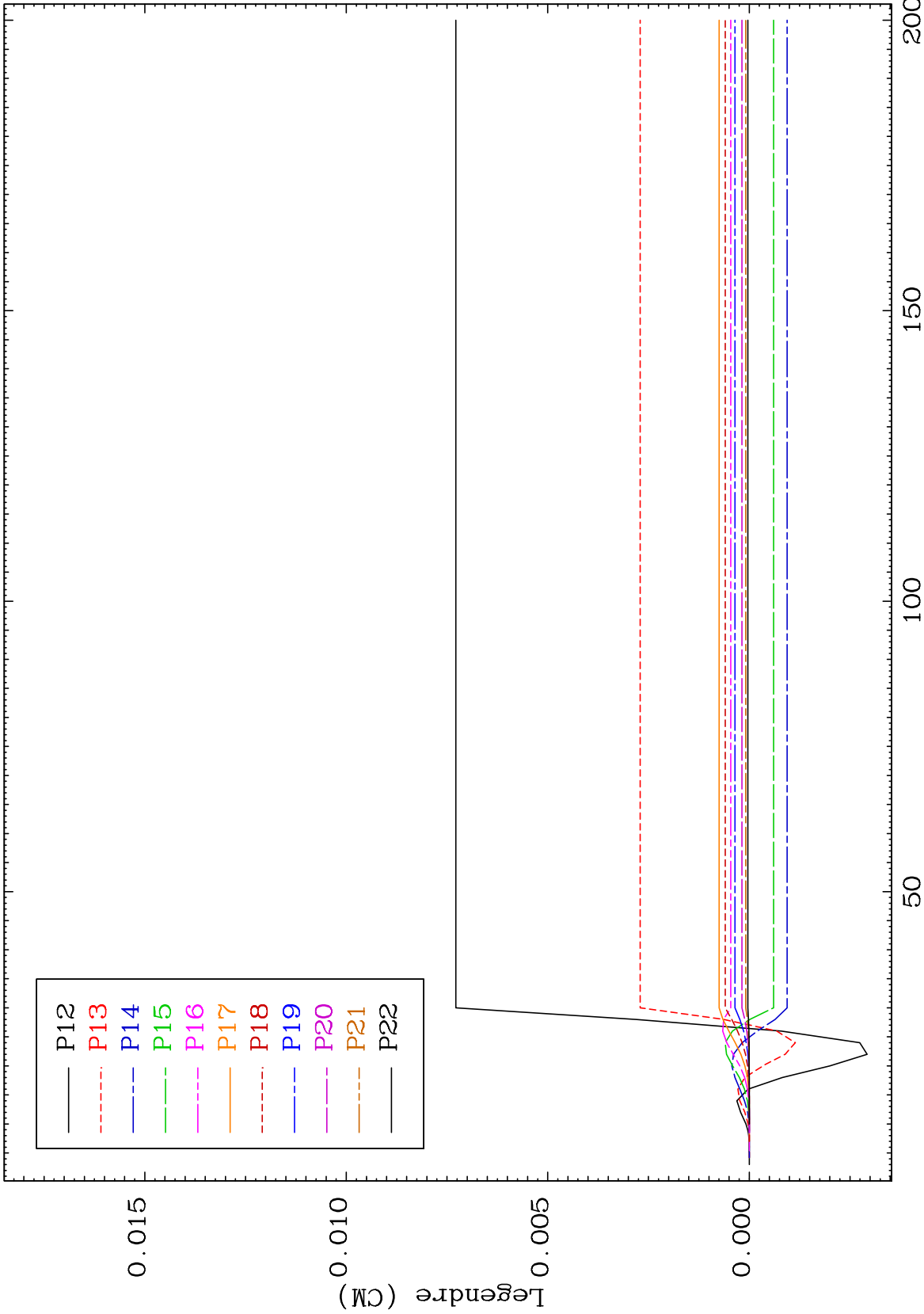
Incident Energy (MeV)

30

MAT 3419

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

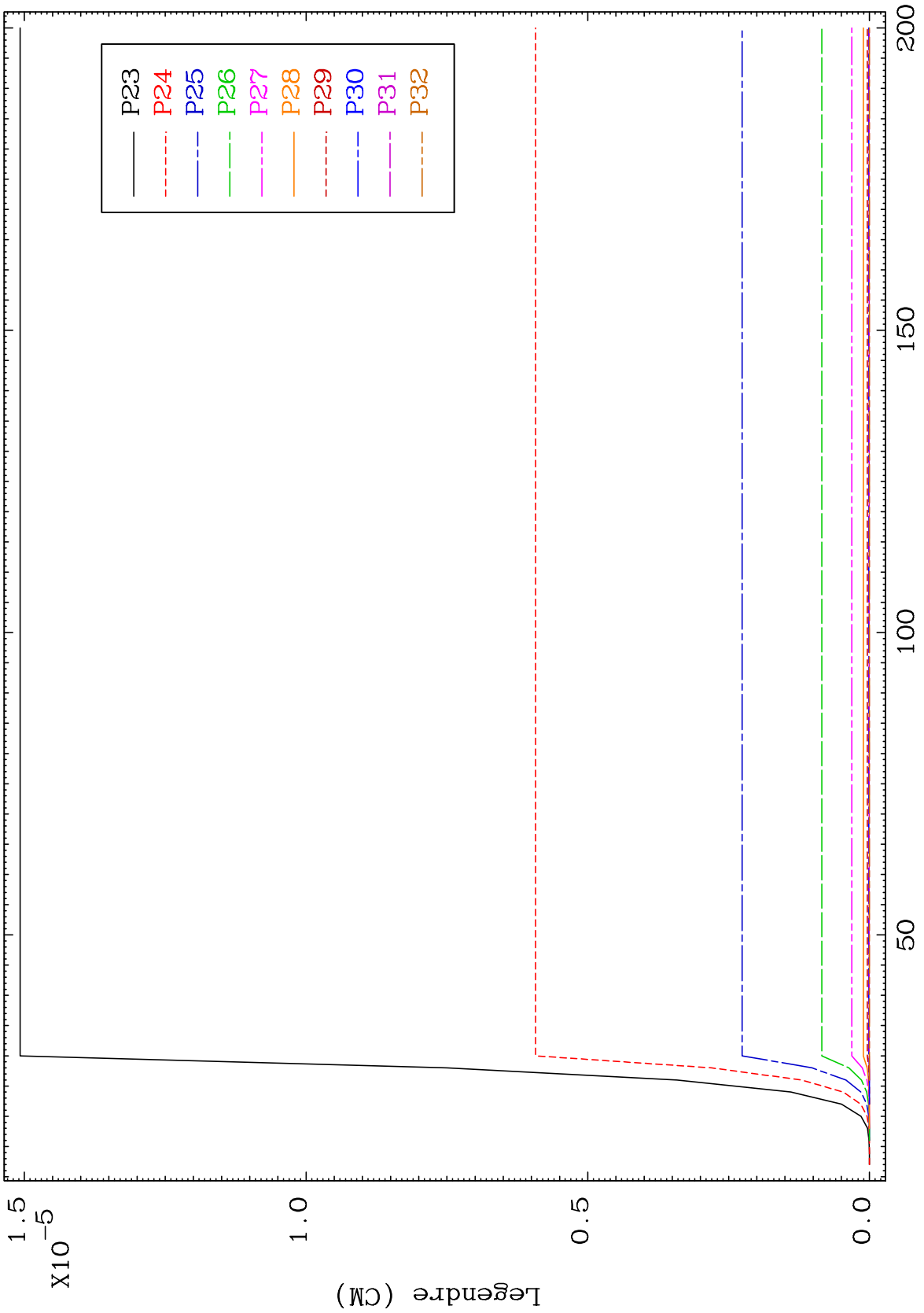
34-Se-72



MAT 3419

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

³⁴Se-72

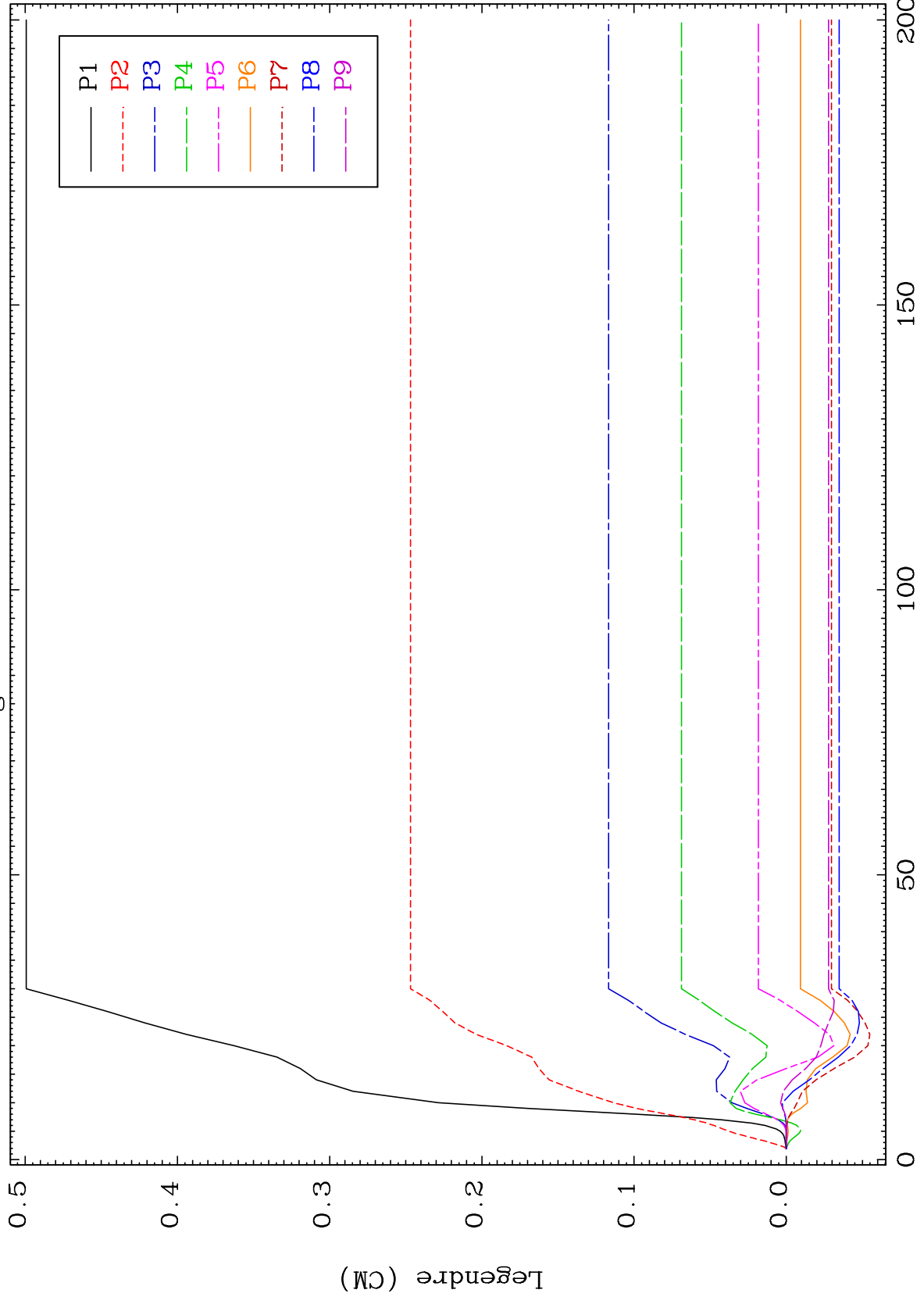


32

Incident Energy (MeV)

³⁴Se-72

MAT 3419 MT= 55 (n,n') Level Legendre Coefficients 34-Se-72

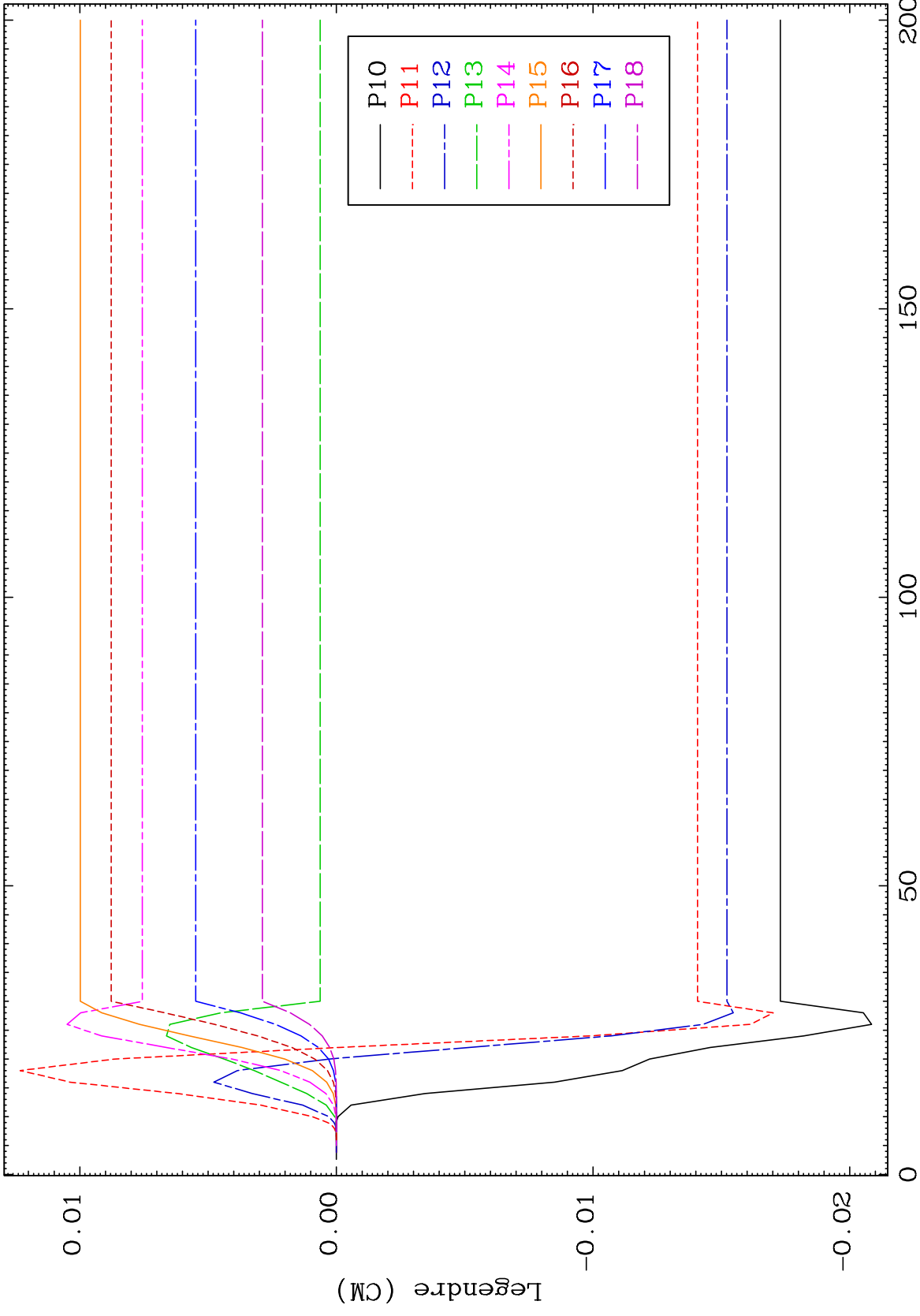


33 Incident Energy (MeV) 34-Se-72

MAT 3419

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

34-Se-72



34

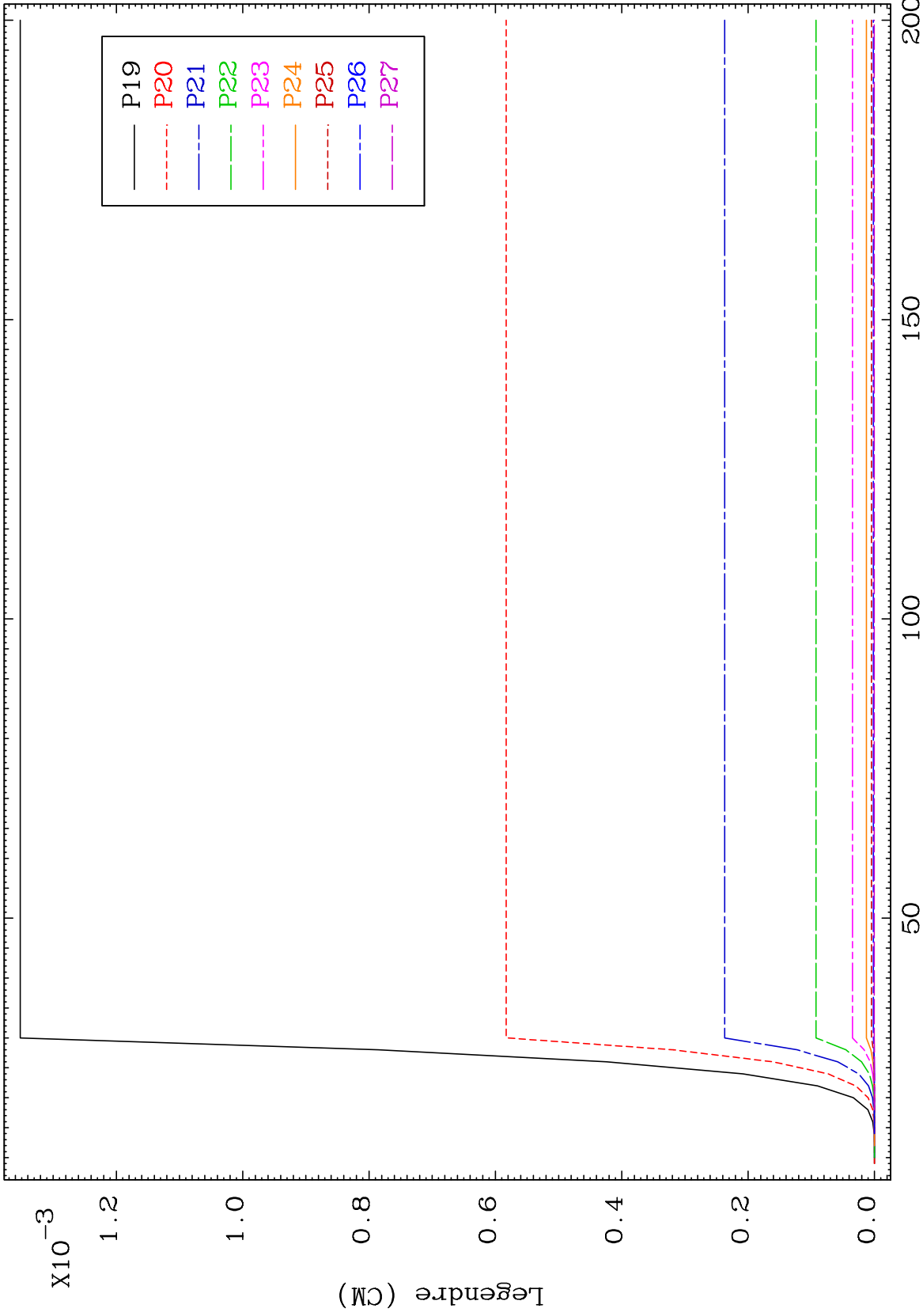
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



35

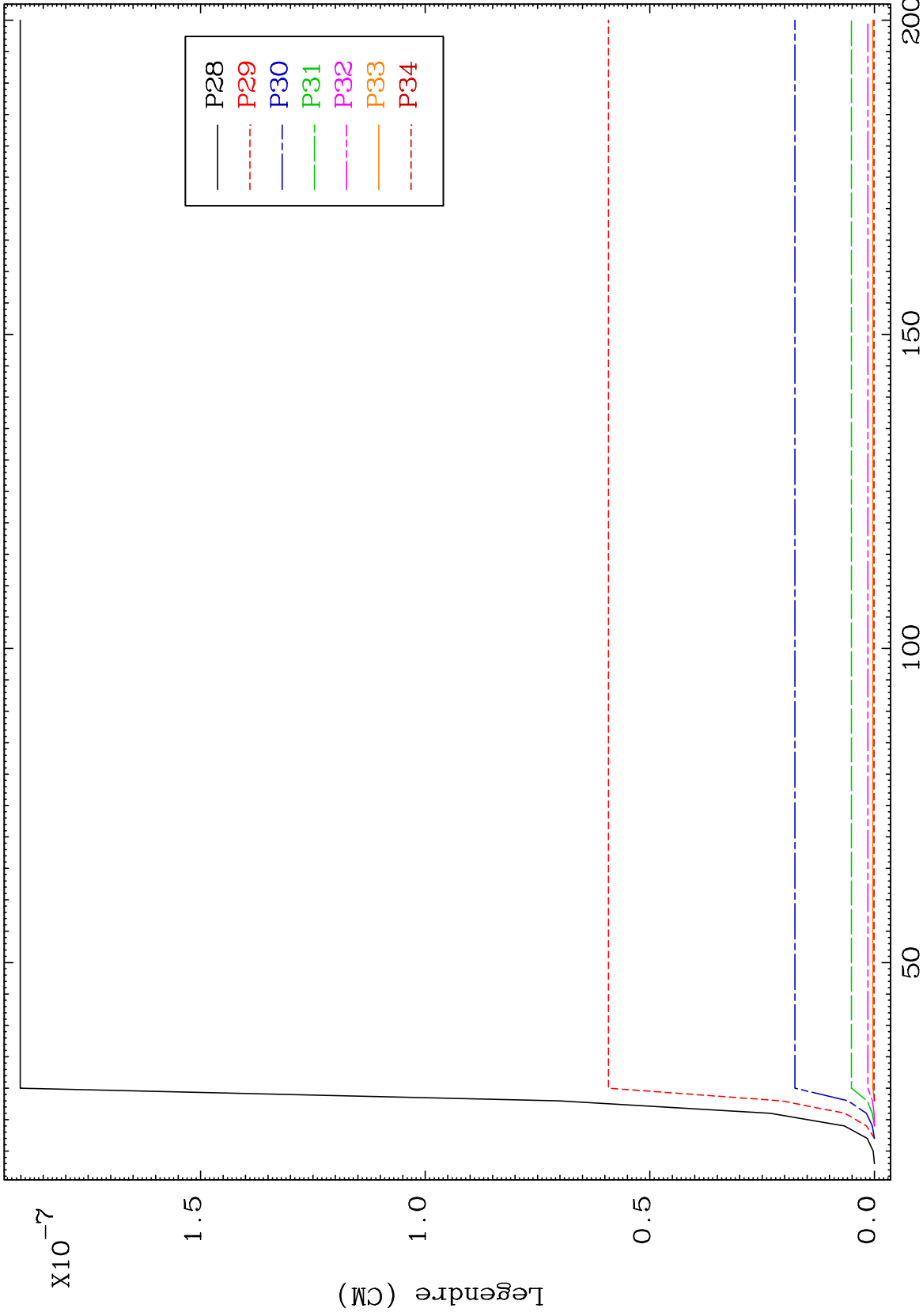
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72

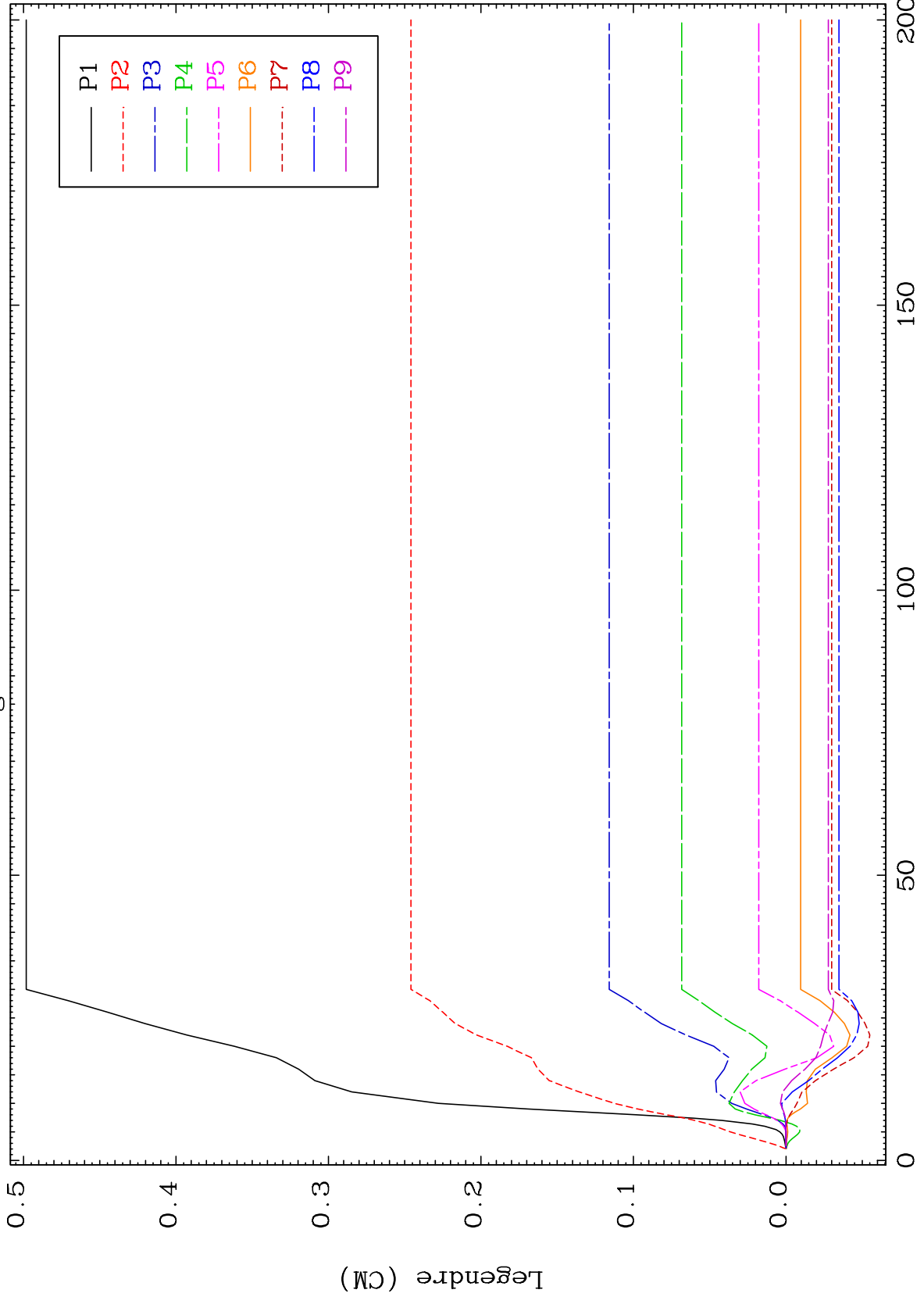


36

Incident Energy (MeV)

34-Se-72

MAT 3419 MT= 56 (n,n') Level Legendre Coefficients 34-Se-72

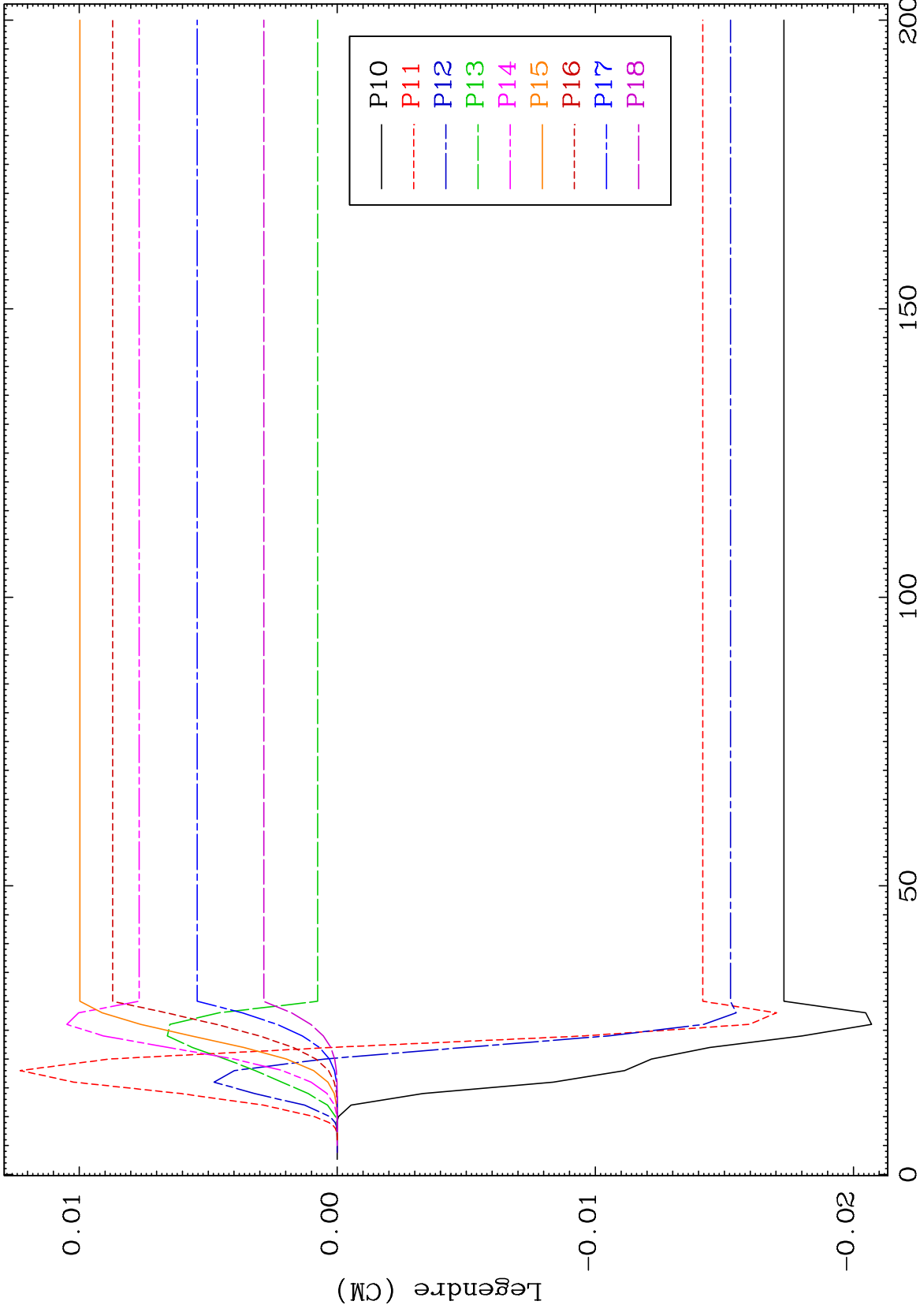


37 34-Se-72

MAT 3419

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

34-Se-72



38

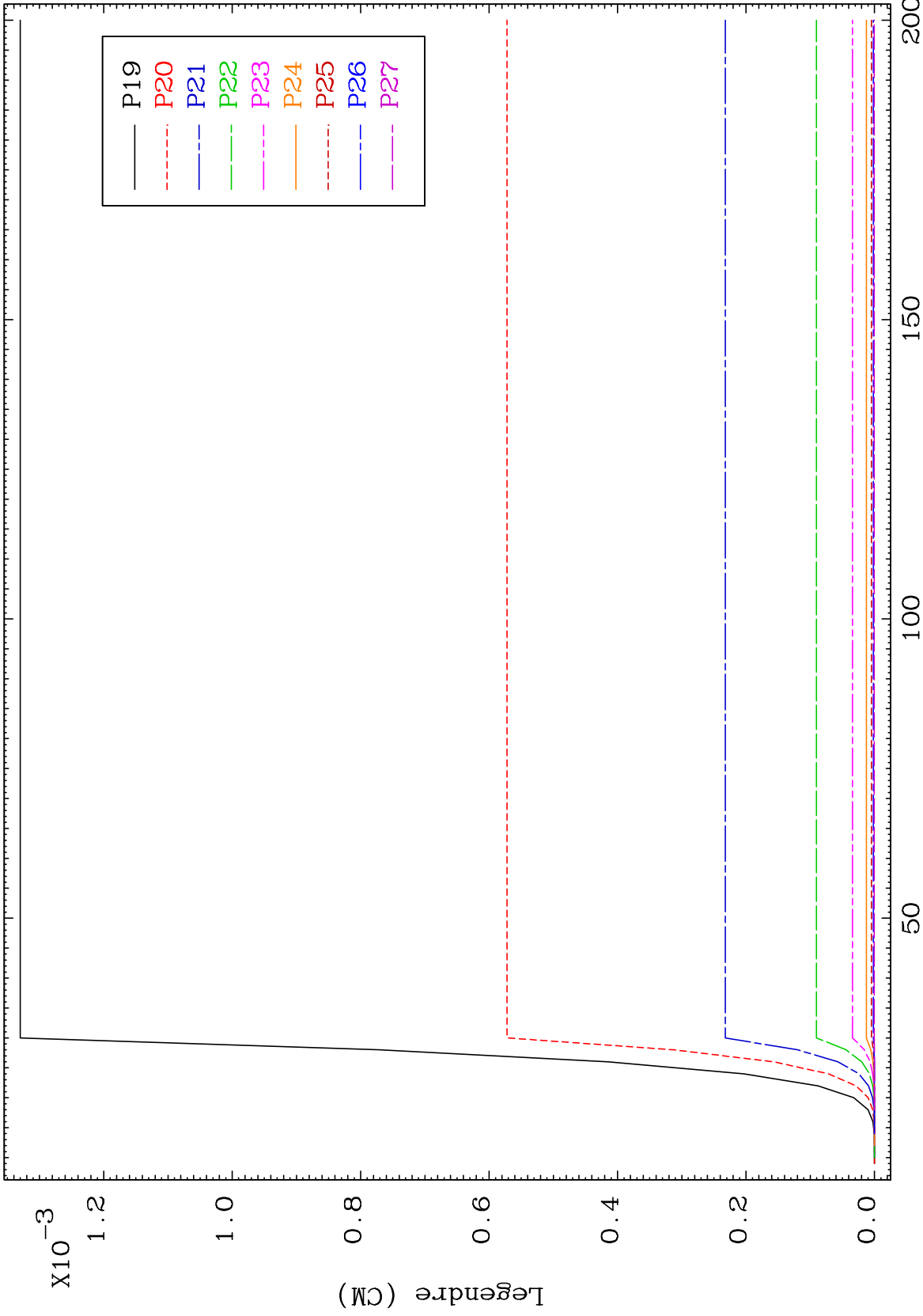
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



39

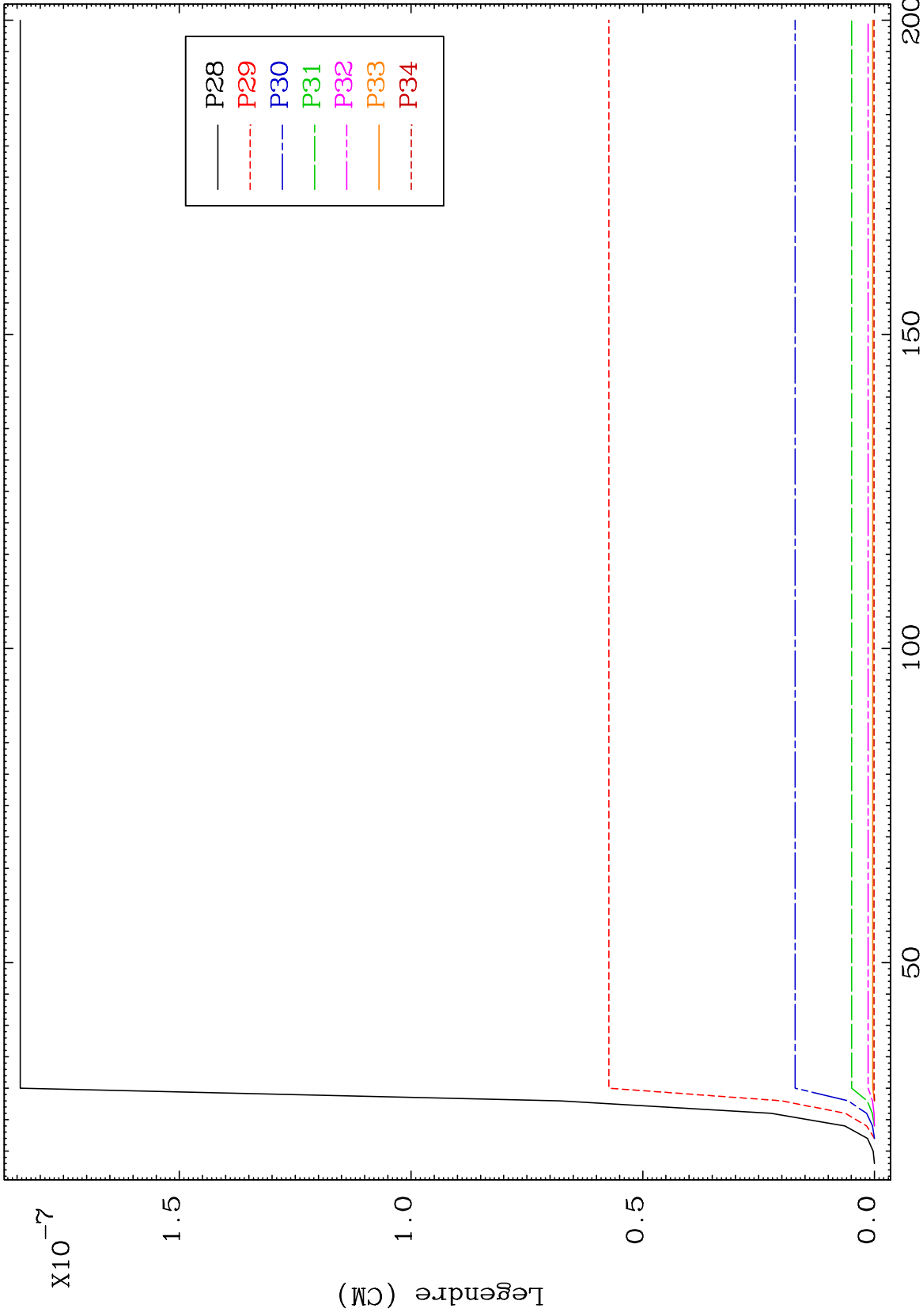
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



40

Incident Energy (MeV)

50

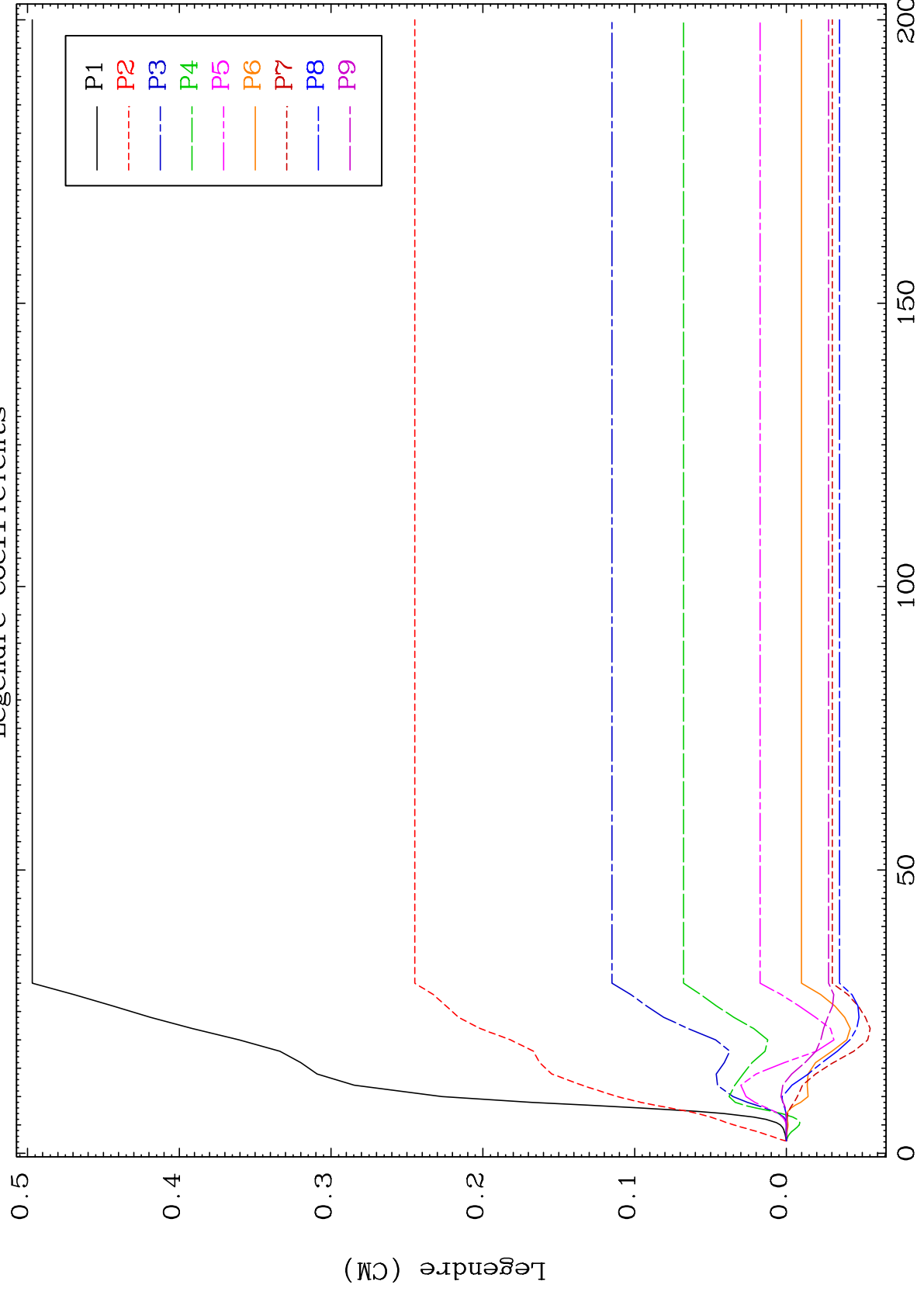
100

150

200

34-Se-72

MAT 3419 MT= 57 (n,n') Level Legendre Coefficients 34-Se-72

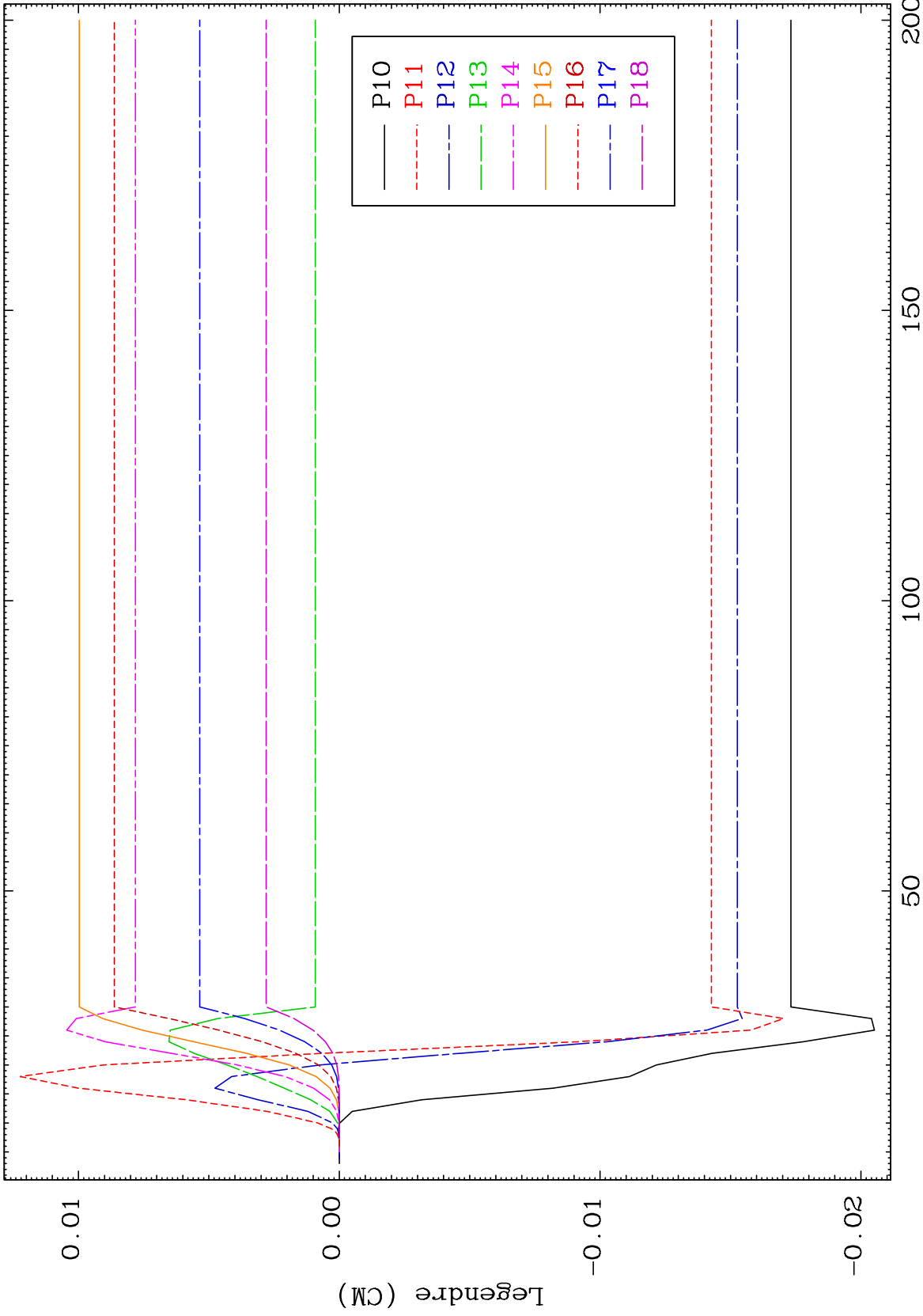


41 34-Se-72

MAT 3419

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

34-Se-72



42

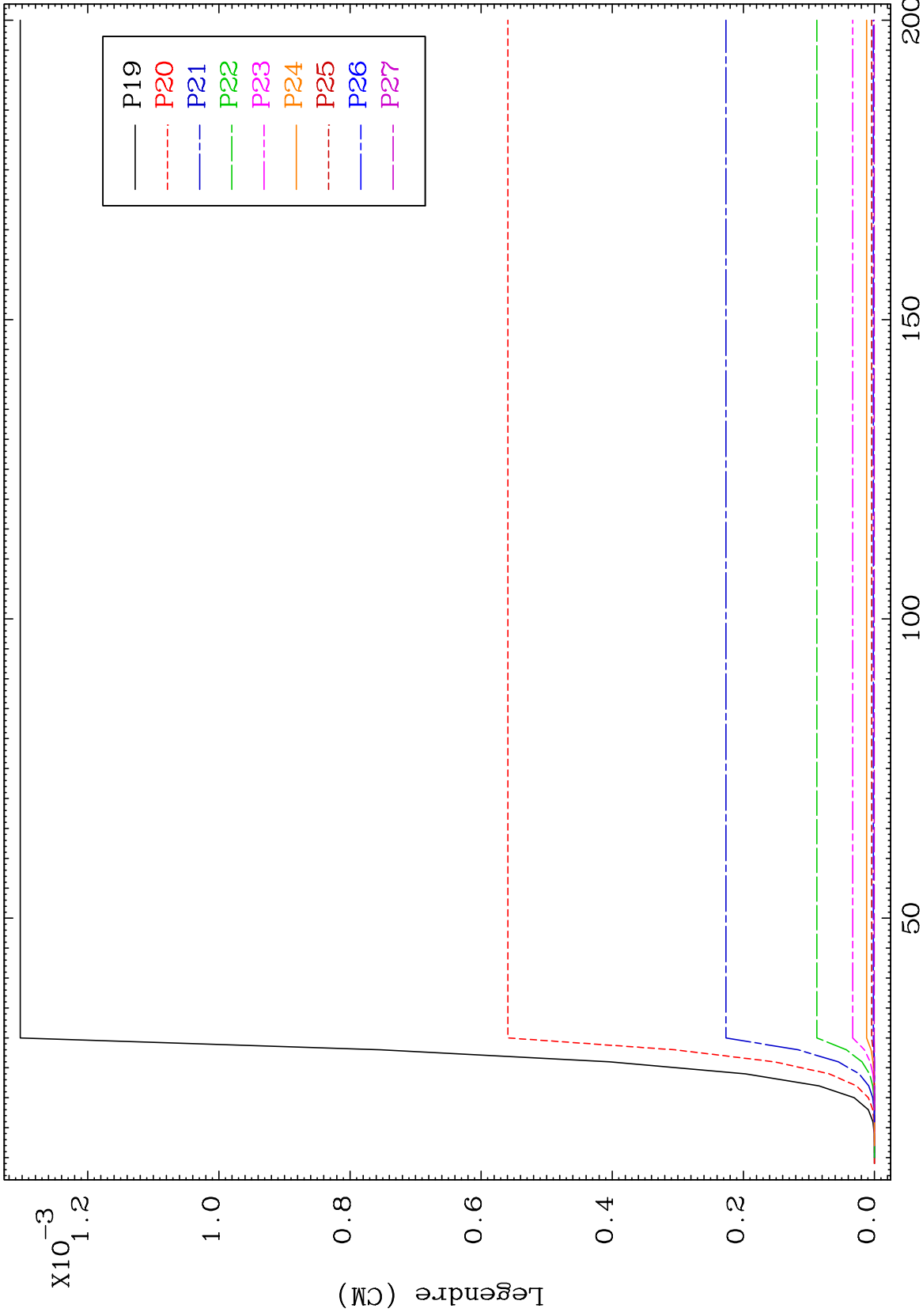
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



43

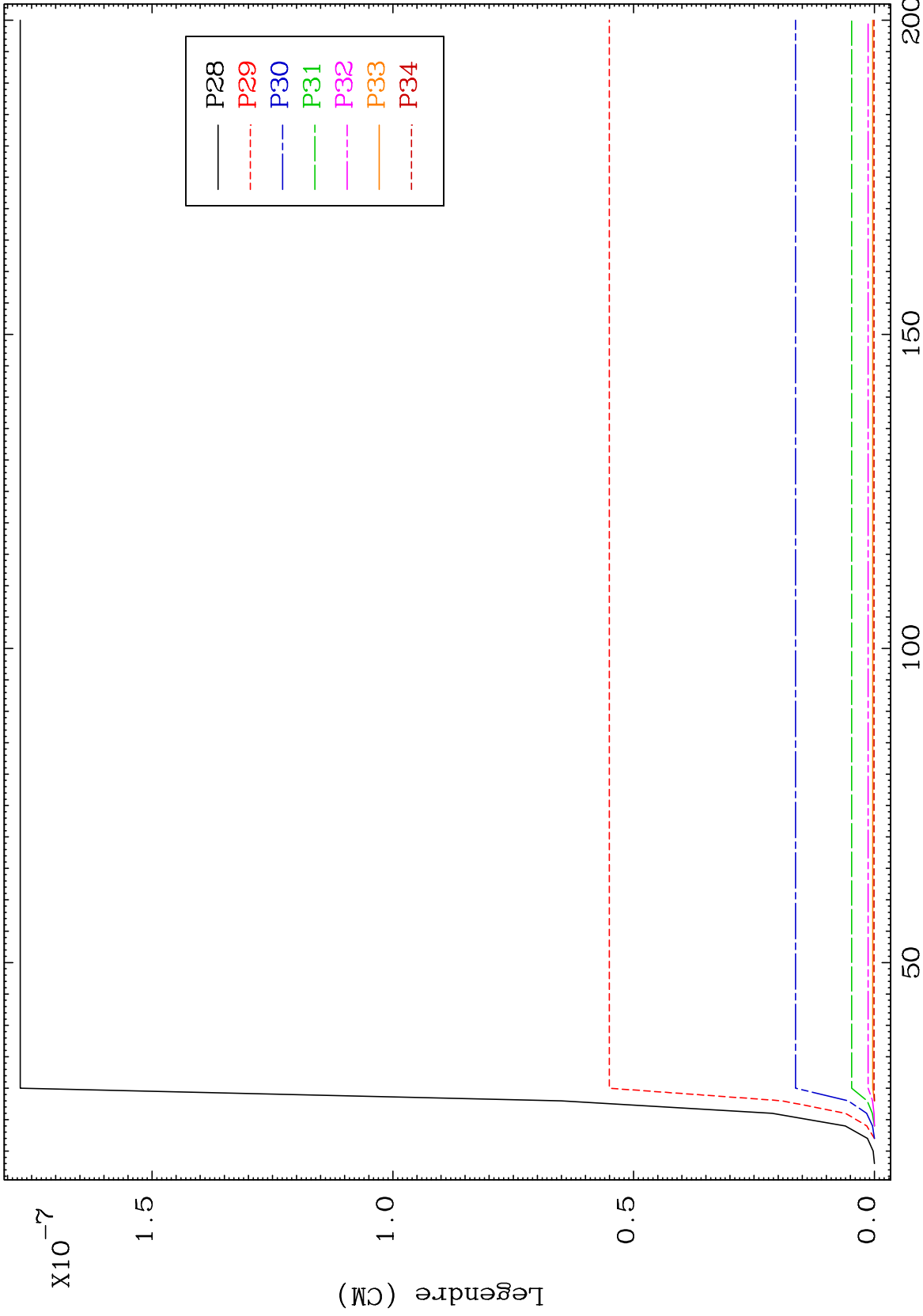
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72

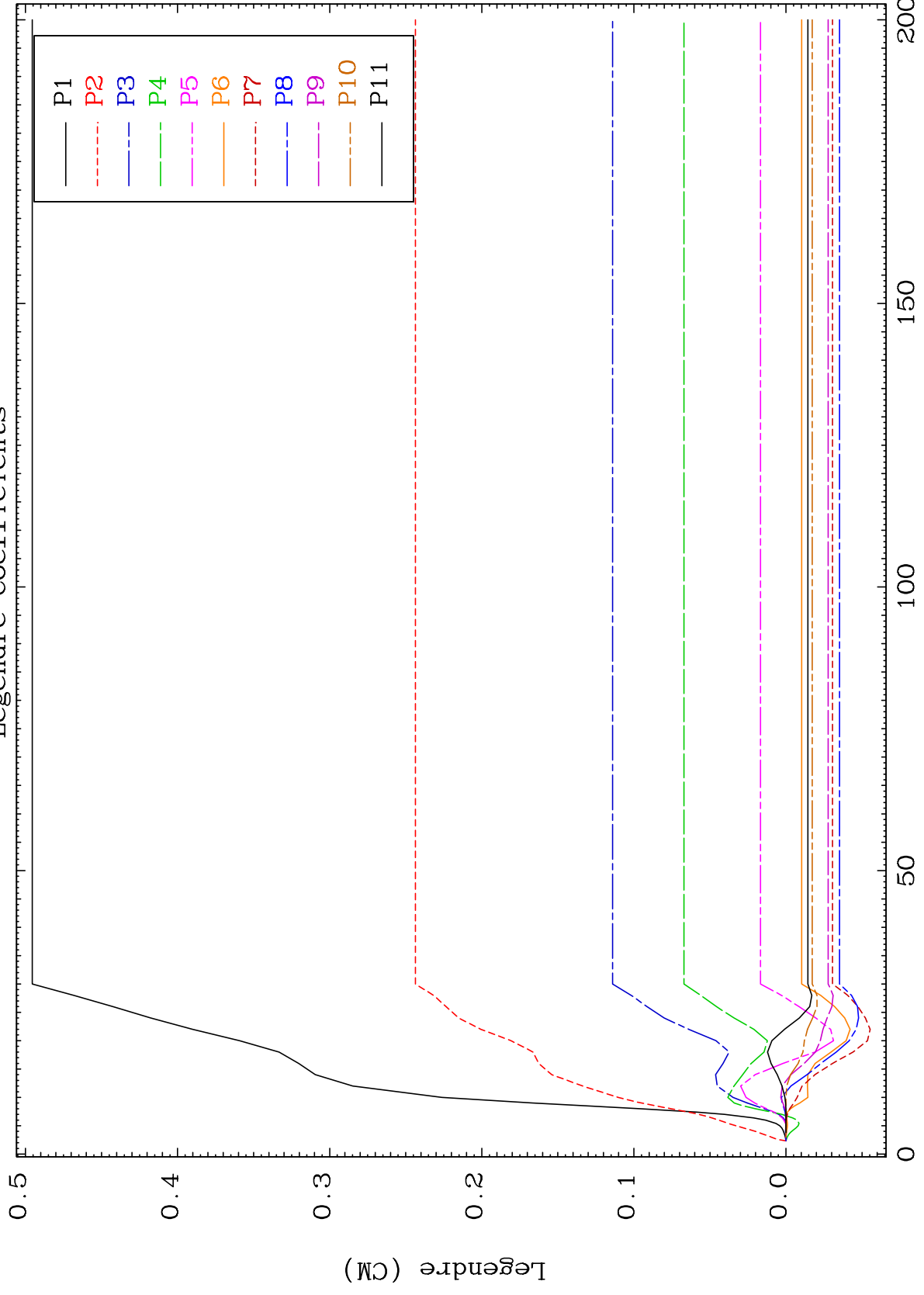


44

Incident Energy (MeV)

34-Se-72

MAT 3419 MT= 58 (n,n') Level Legendre Coefficients 34-Se-72

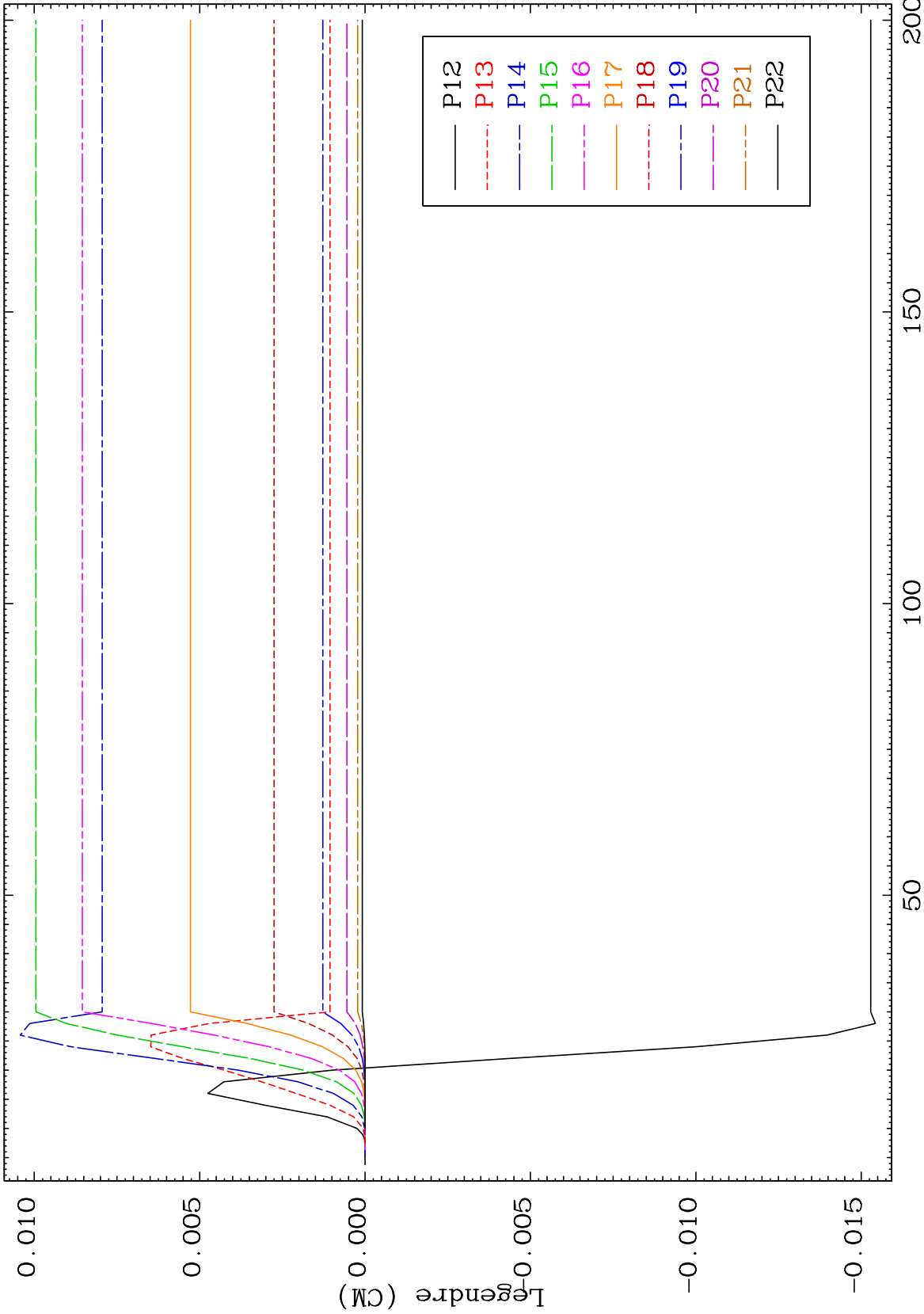


45 Incident Energy (MeV) 34-Se-72

MAT 3419

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

34-Se-72



46

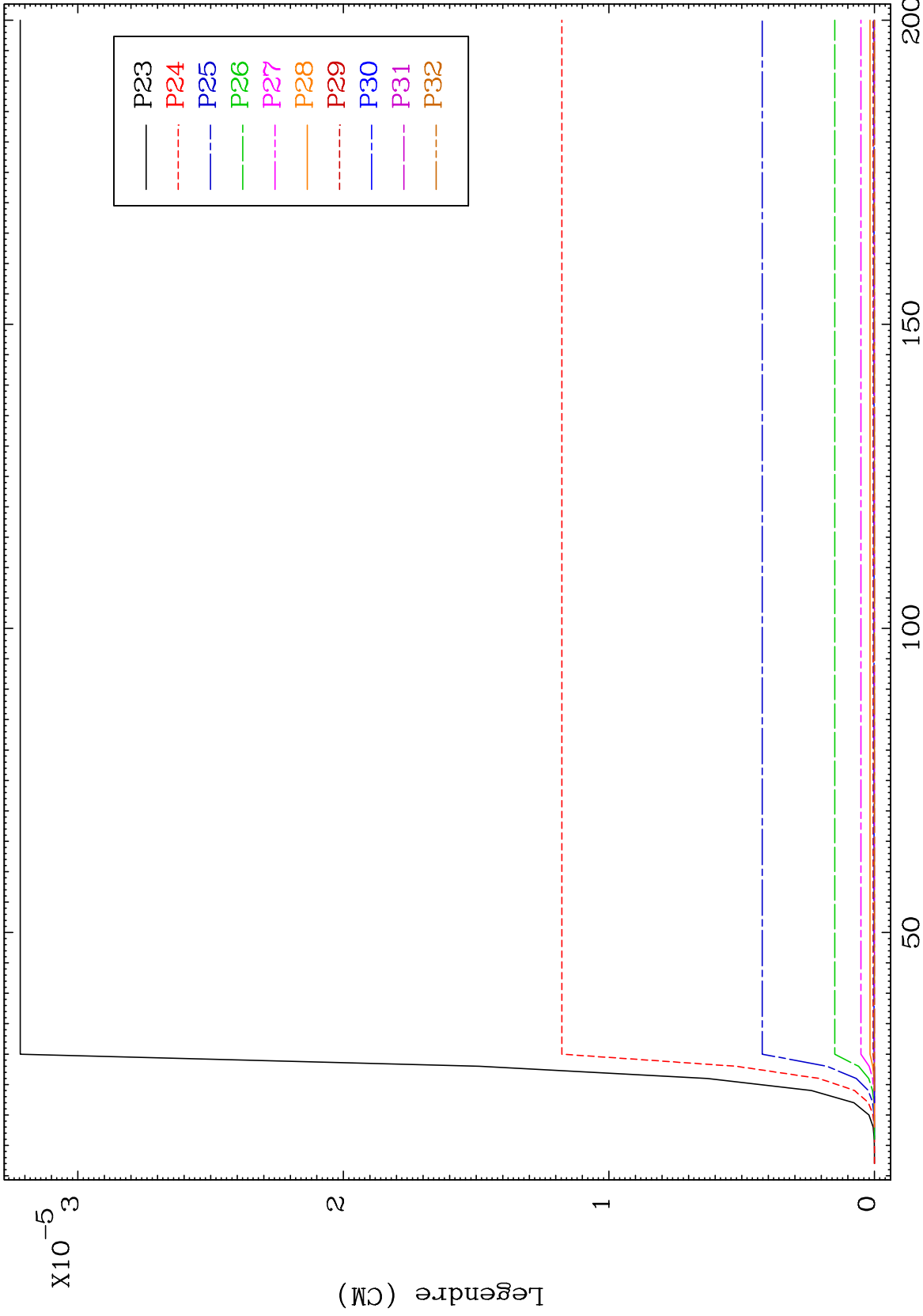
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



47

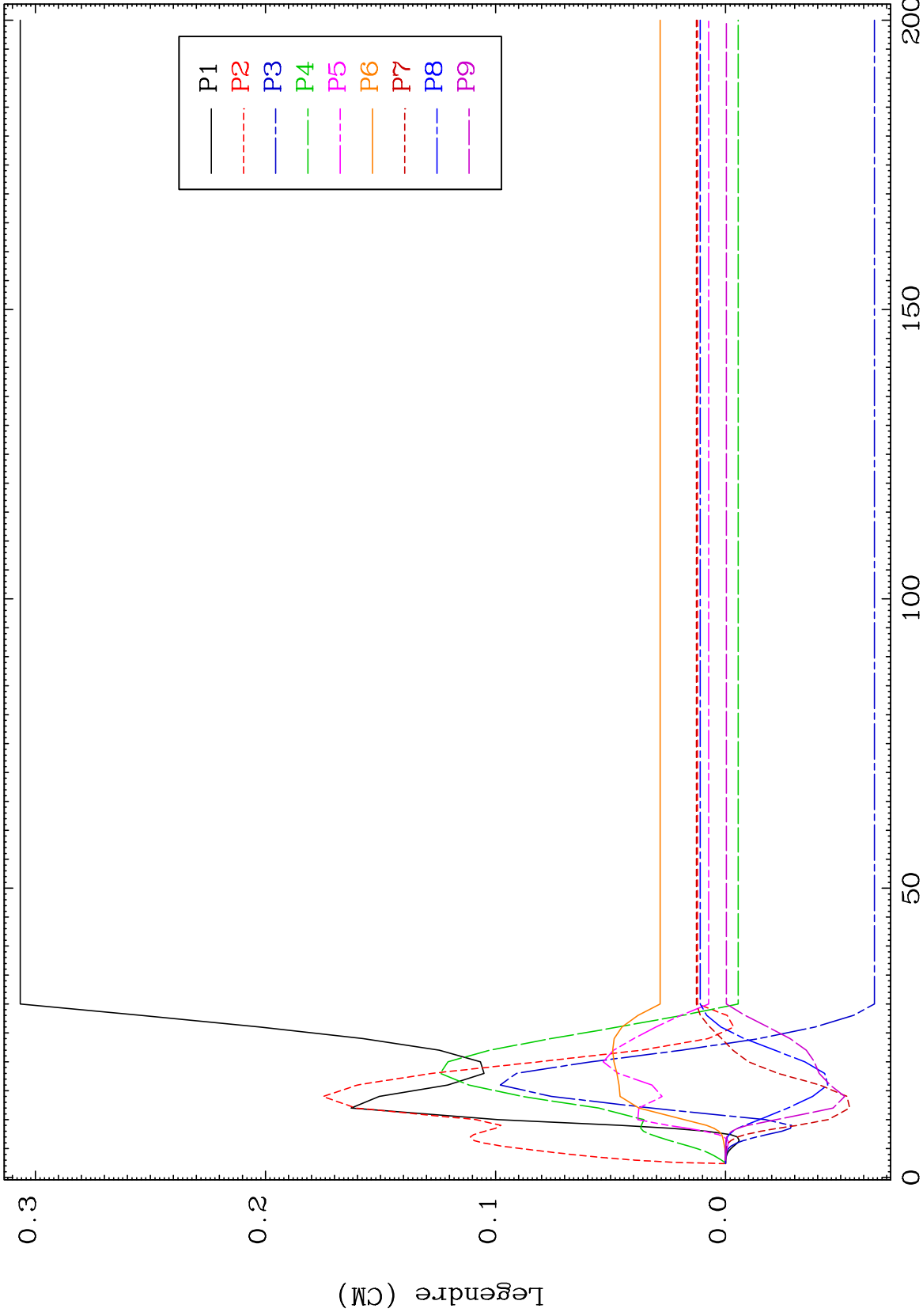
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



48

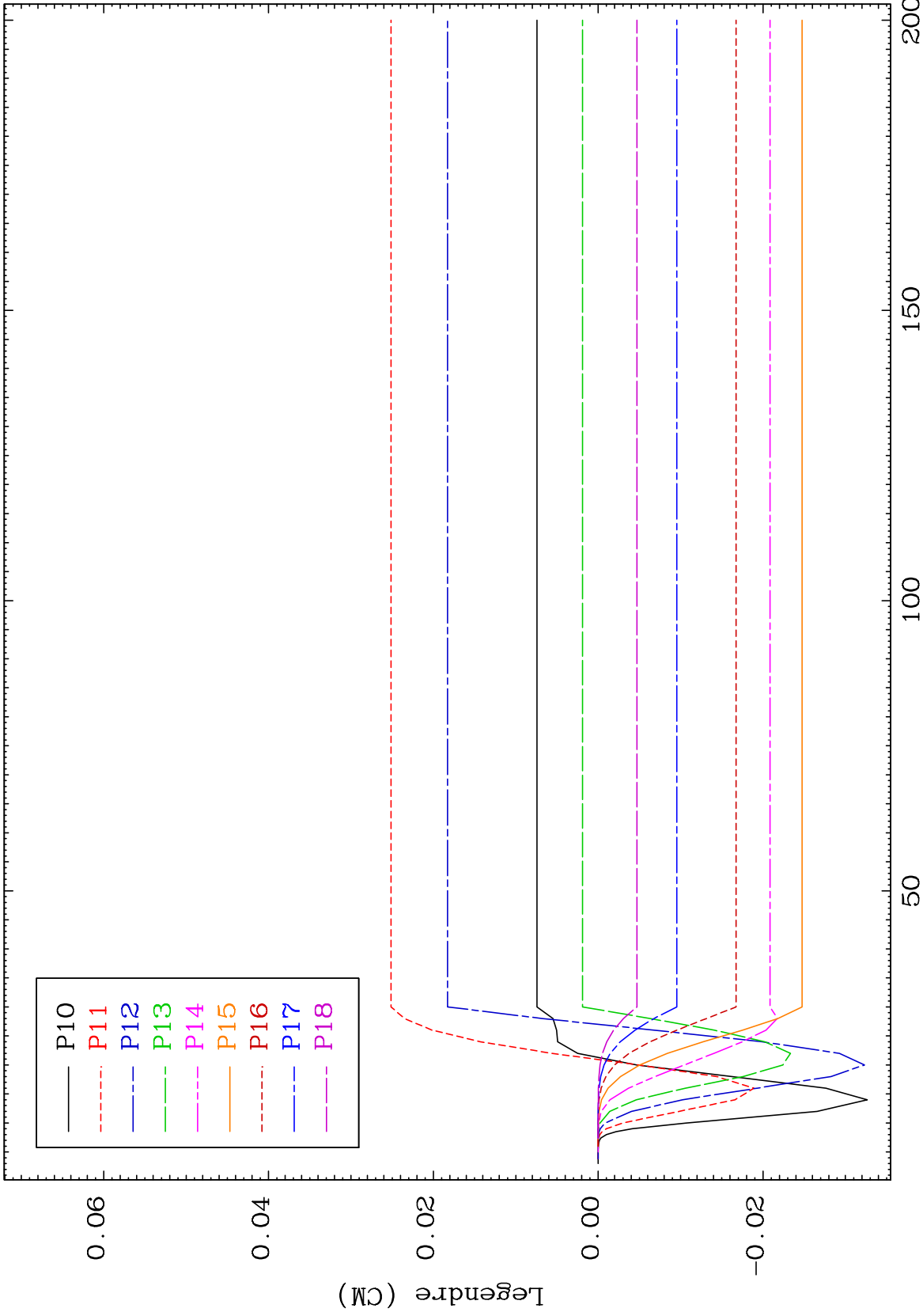
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



49

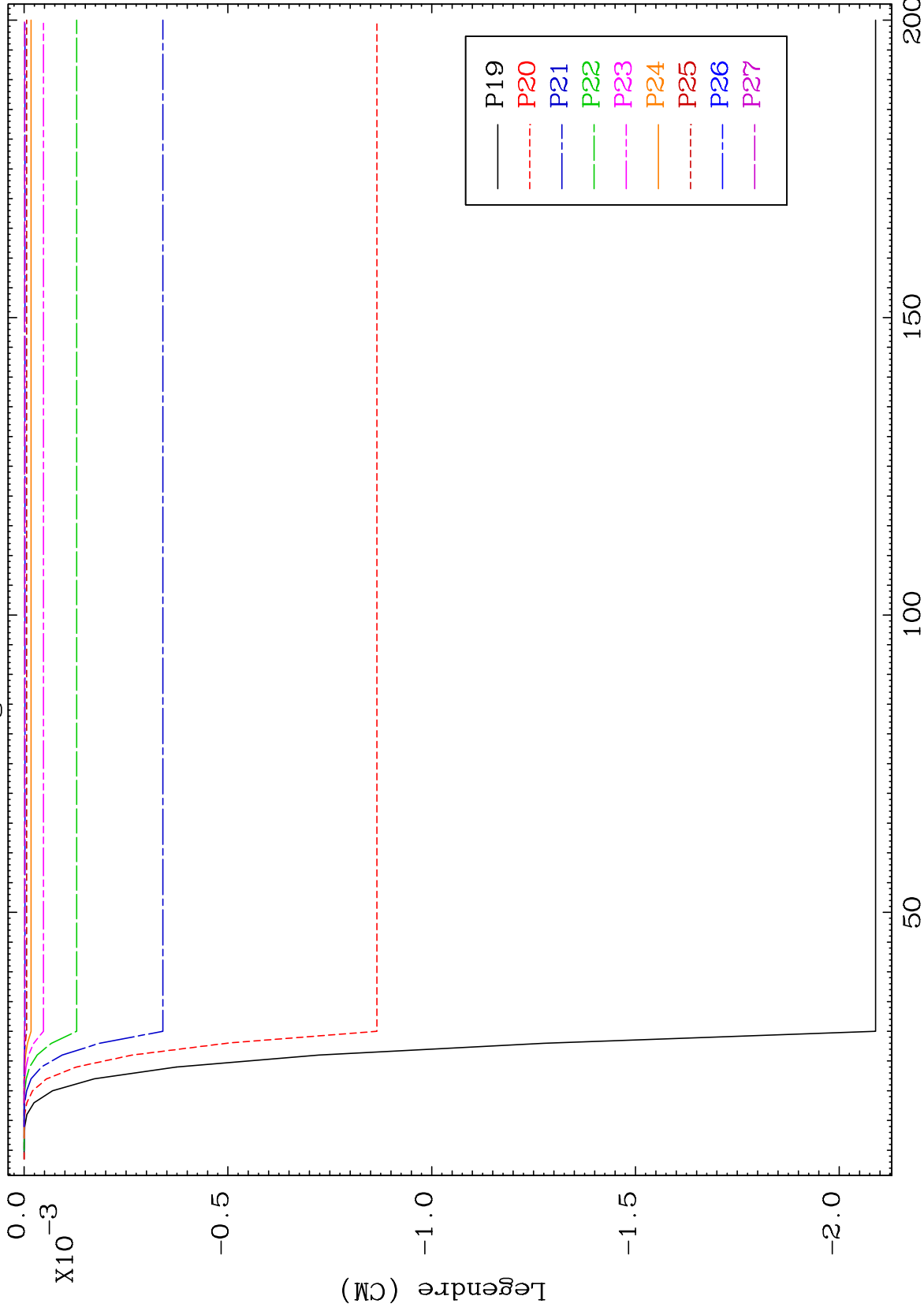
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



34-Se-72

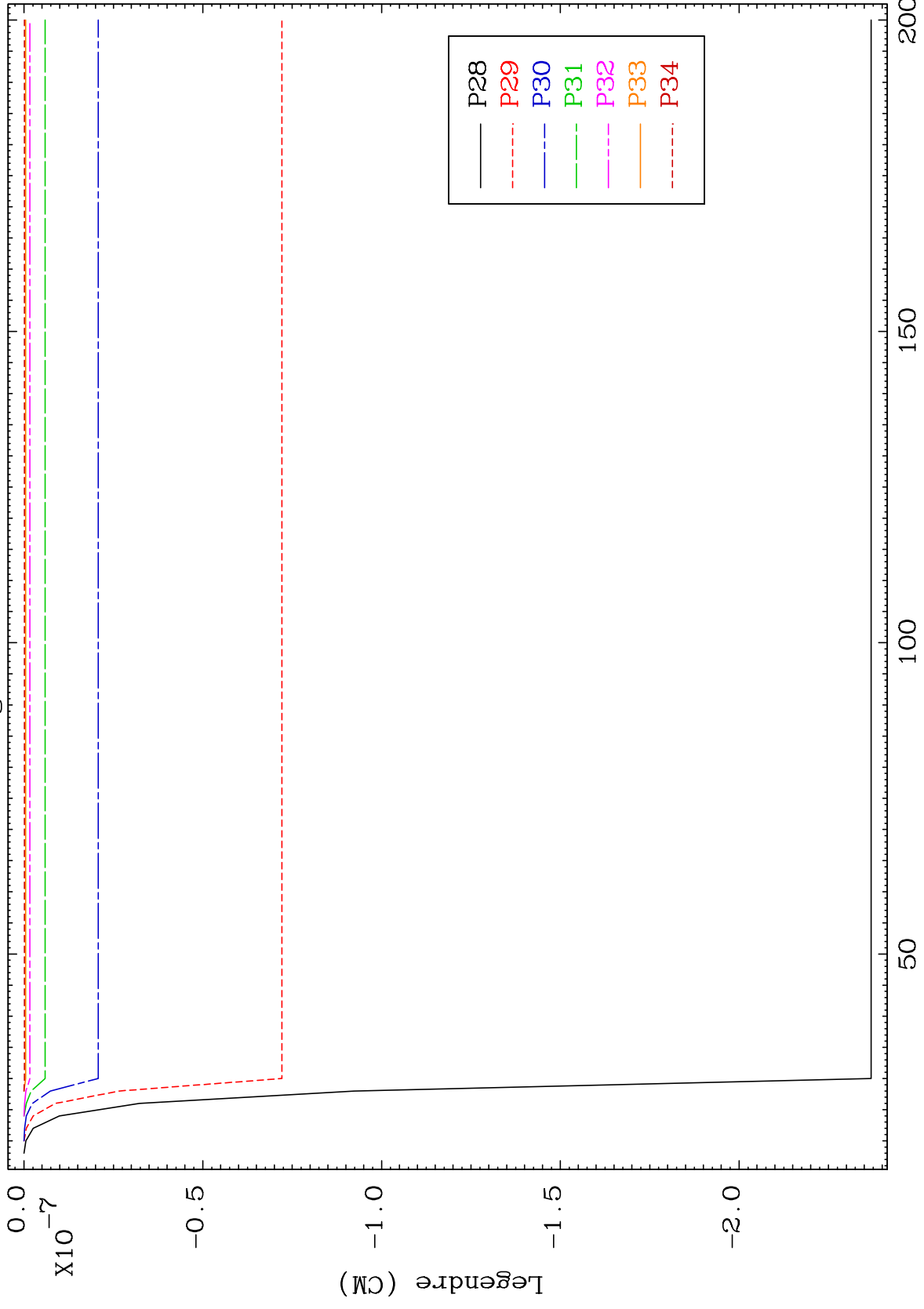
Incident Energy (MeV)

50

MAT 3419

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

34-Se-72



34-Se-72

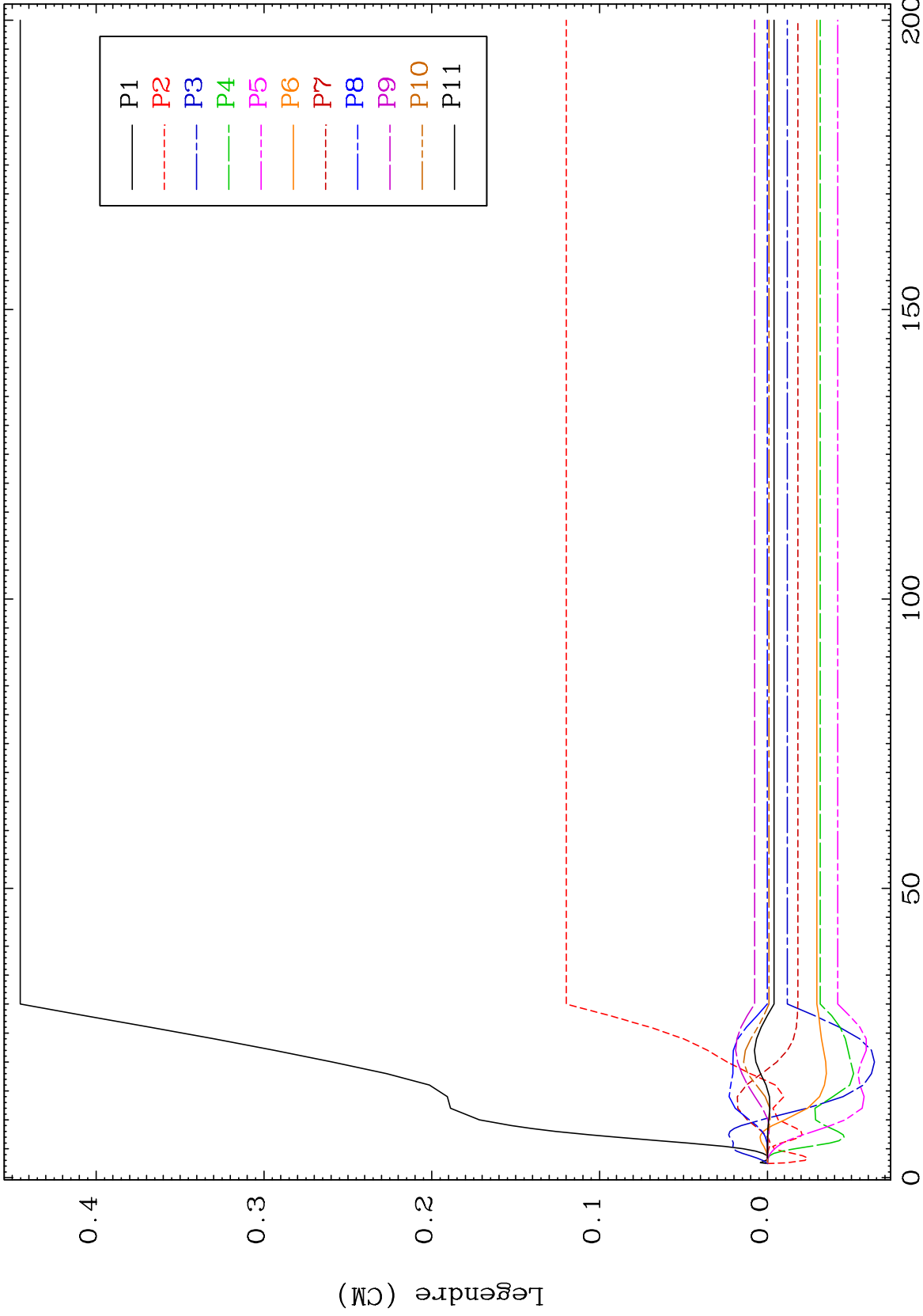
Incident Energy (MeV)

51

MAT 3419

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

34-Se-72



52

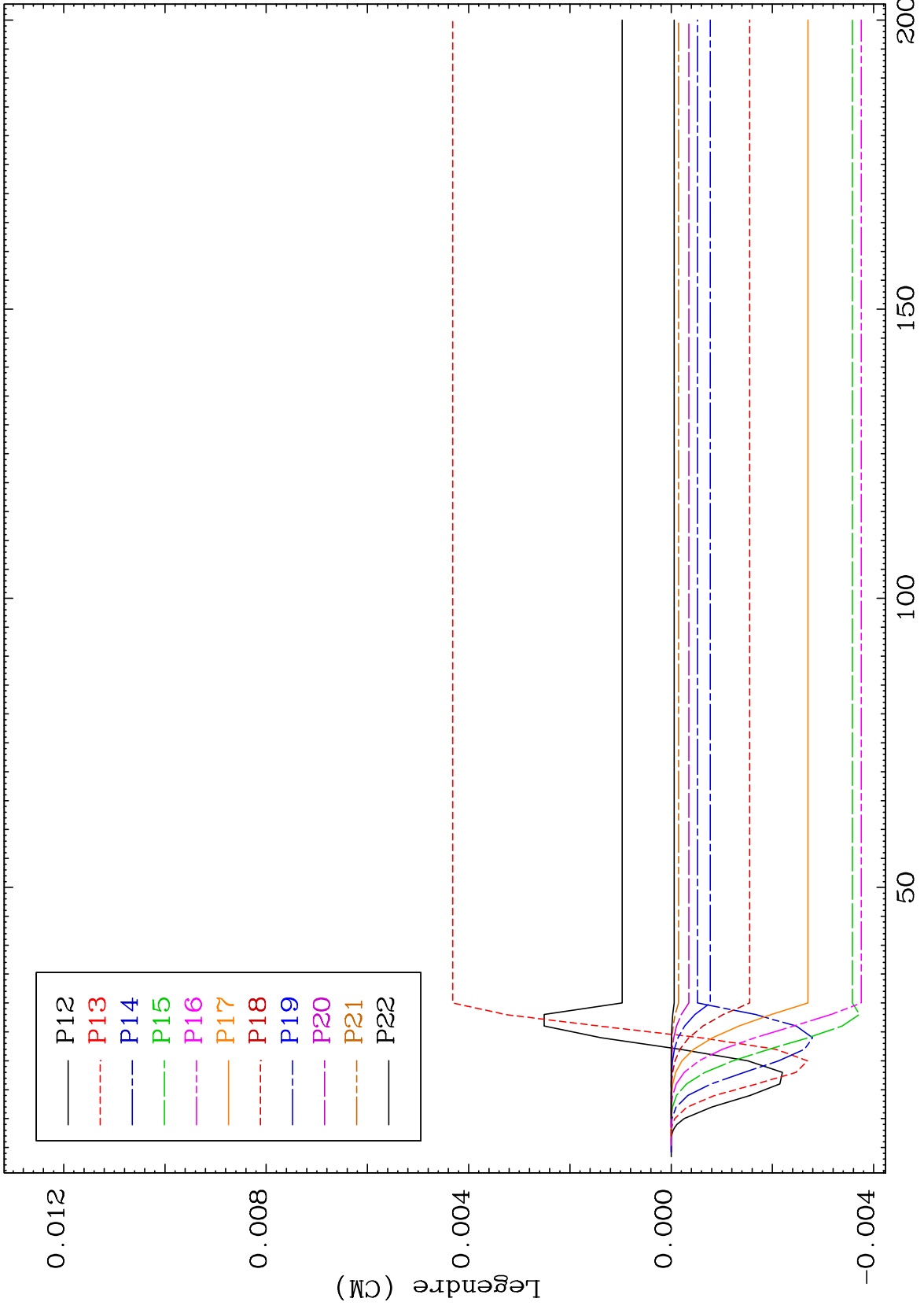
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



53

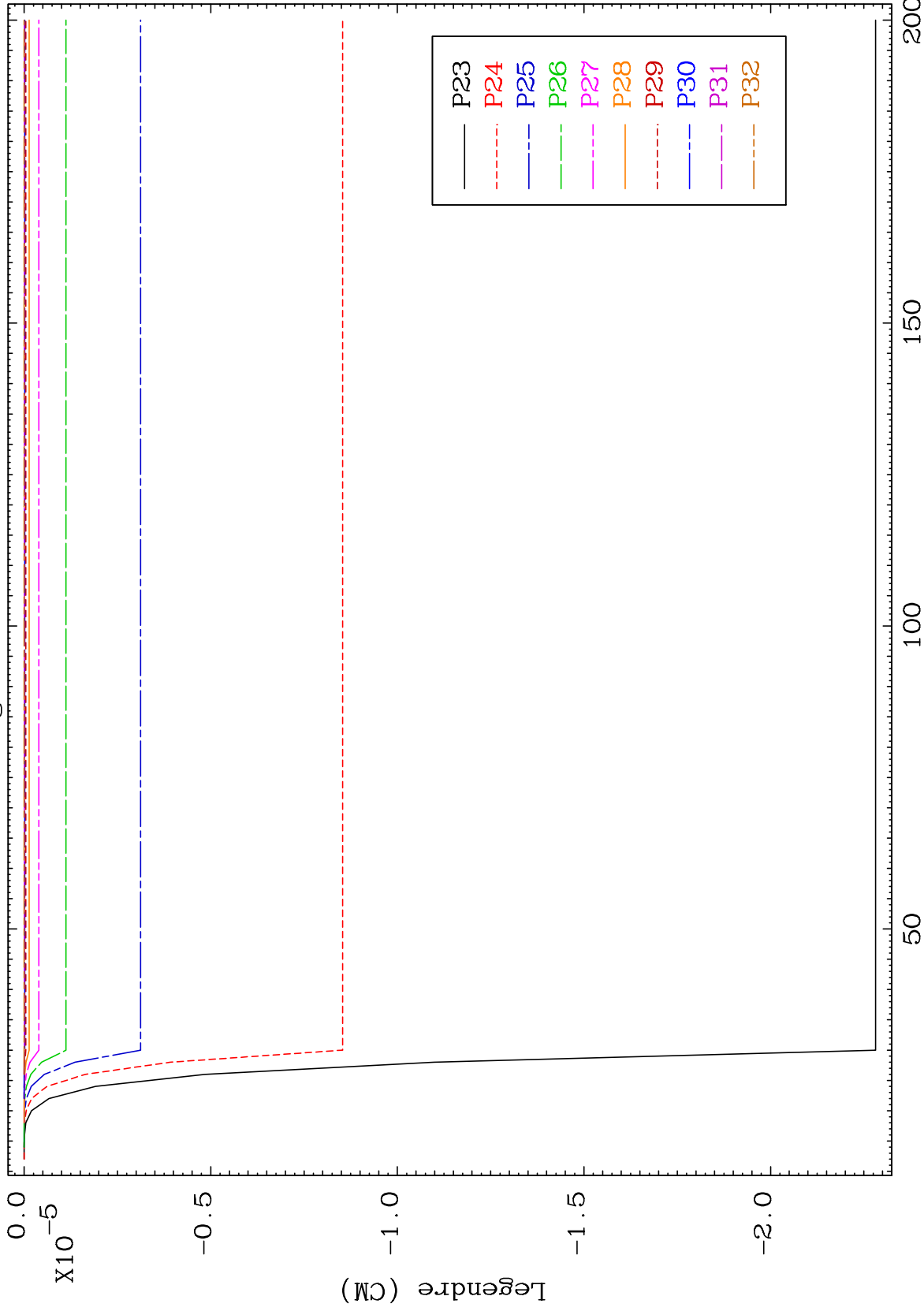
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



34-Se-72

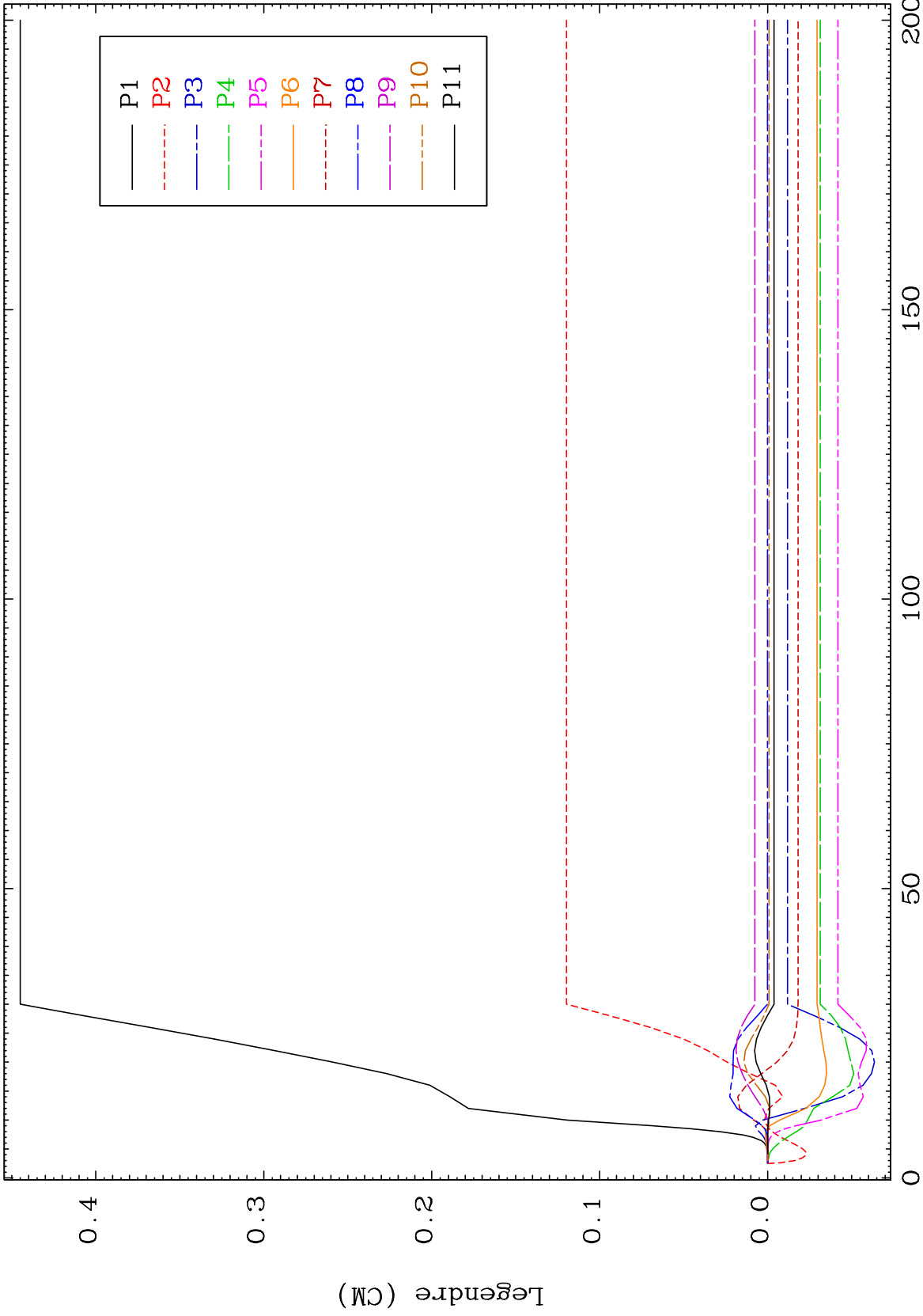
Incident Energy (MeV)

54

MAT 3419

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

34-Se-72



55

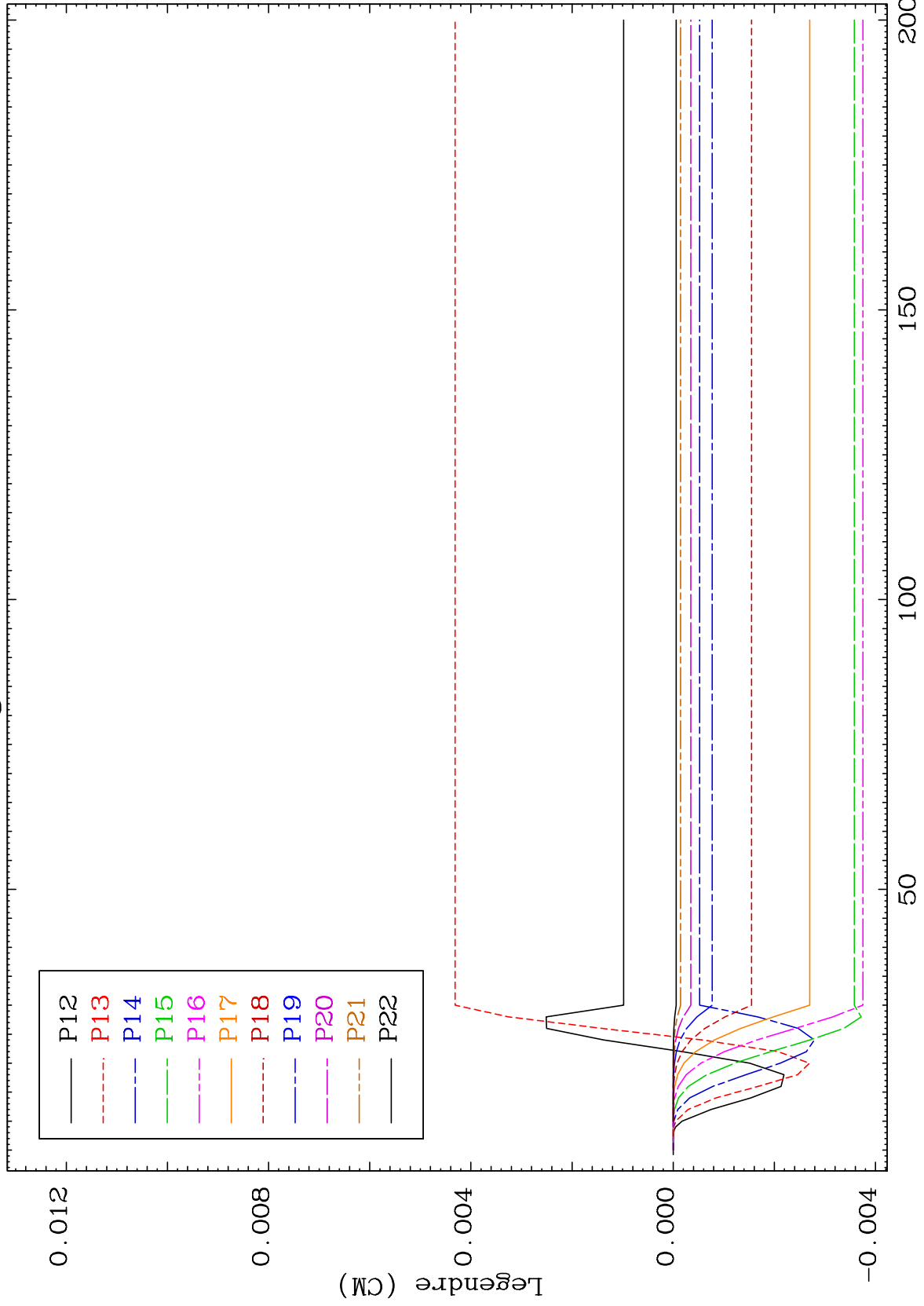
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



56

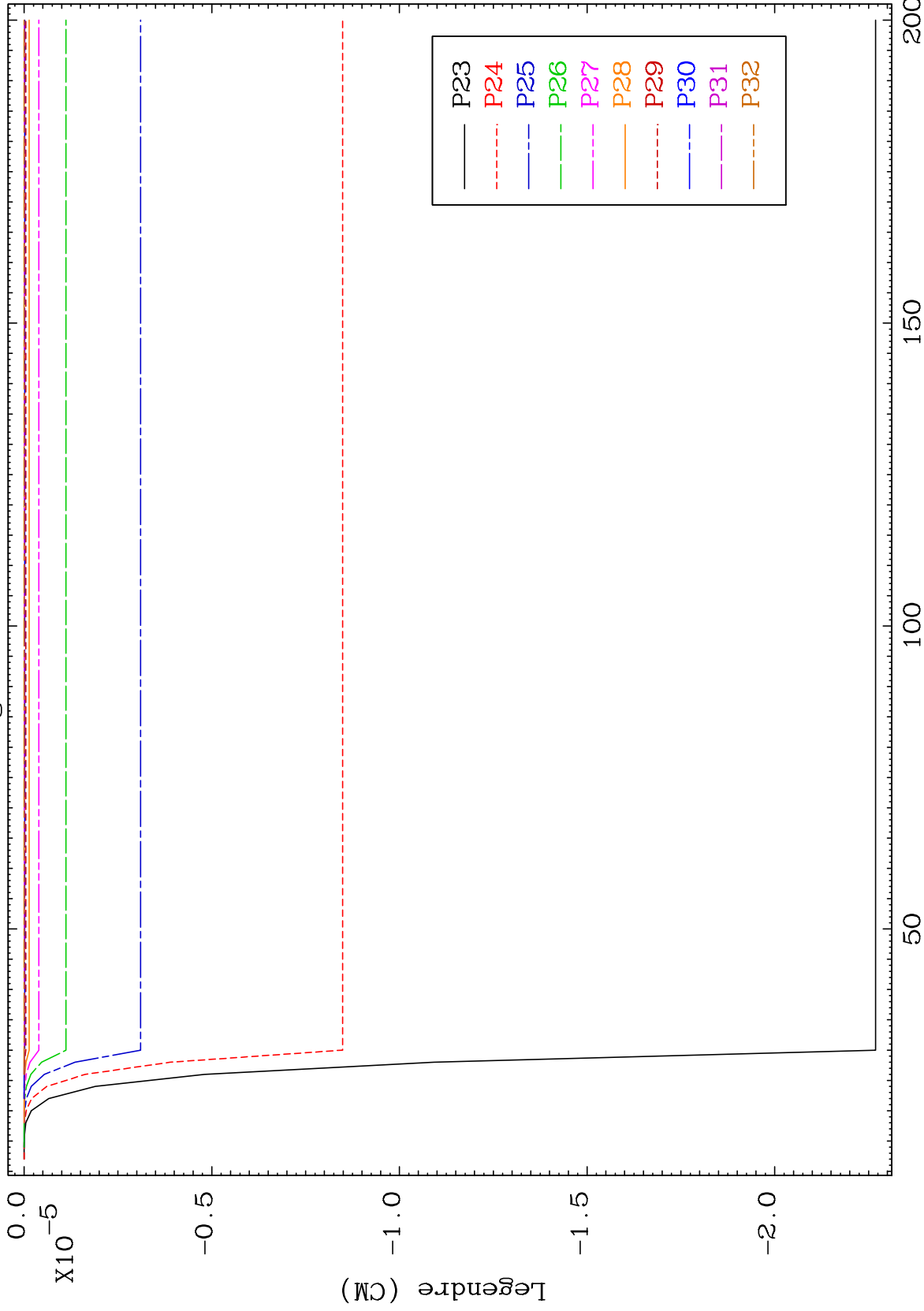
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



34-Se-72

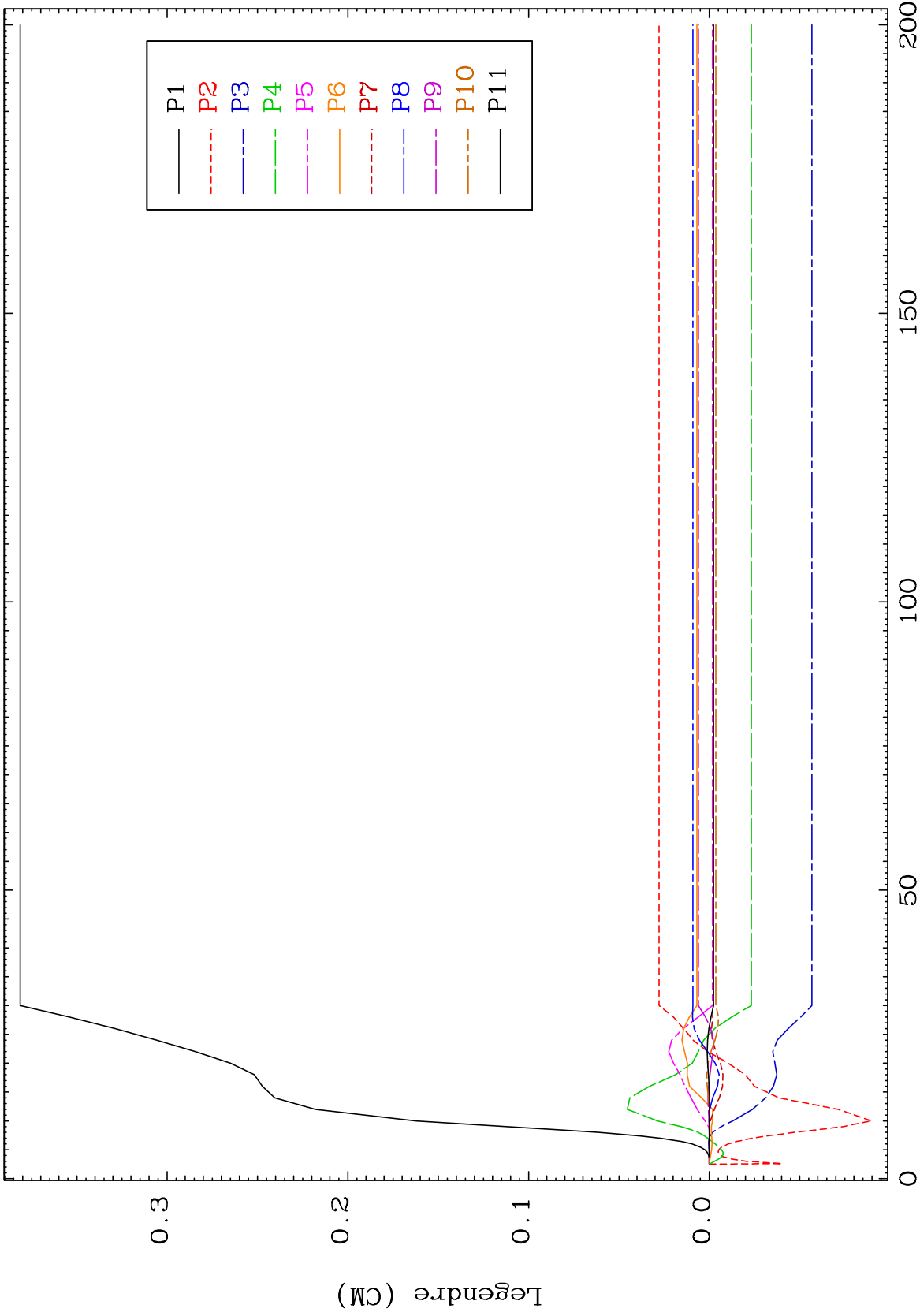
Incident Energy (MeV)

57

MAT 3419

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

34-Se-72

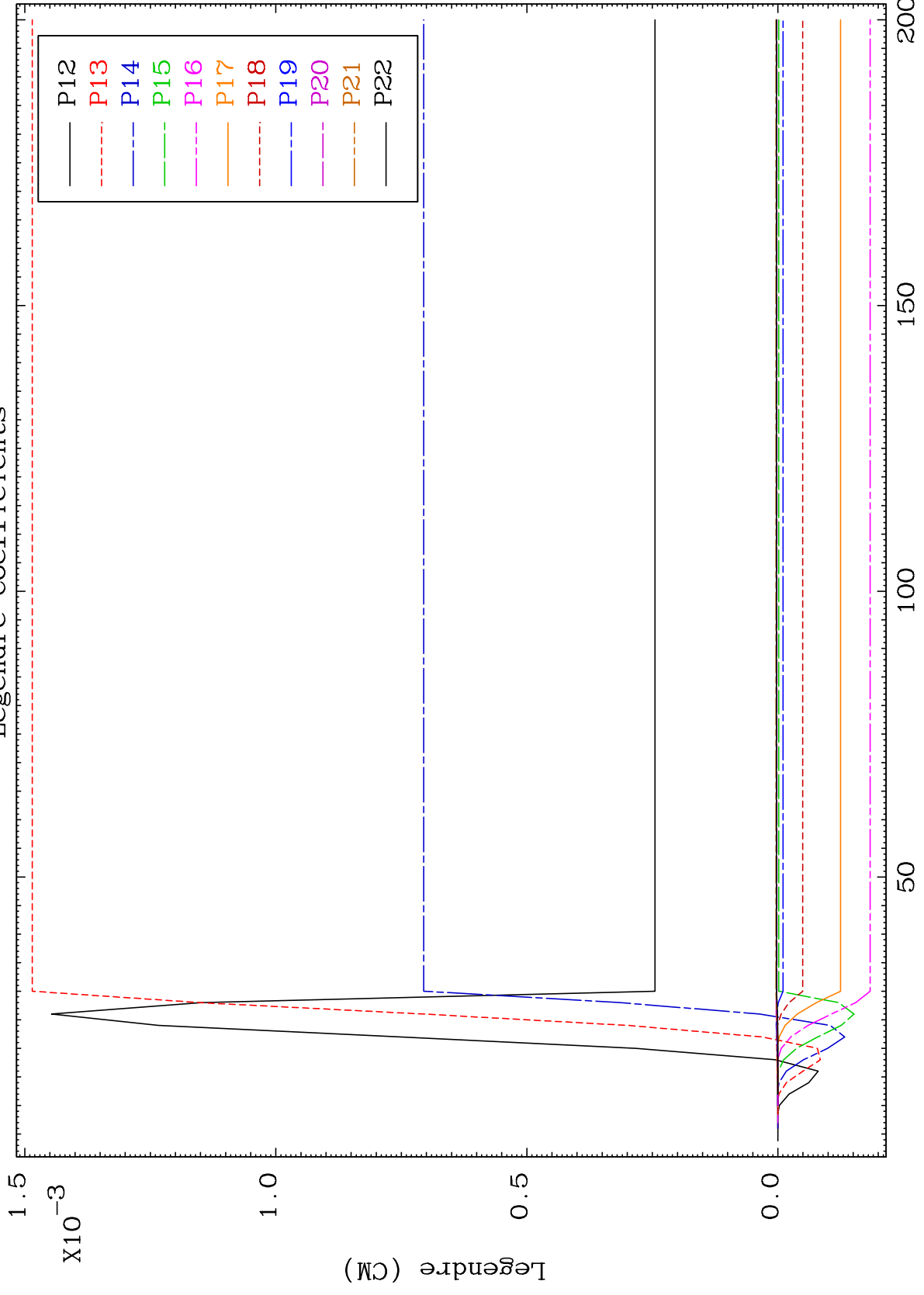


58

Incident Energy (MeV)

34-Se-72

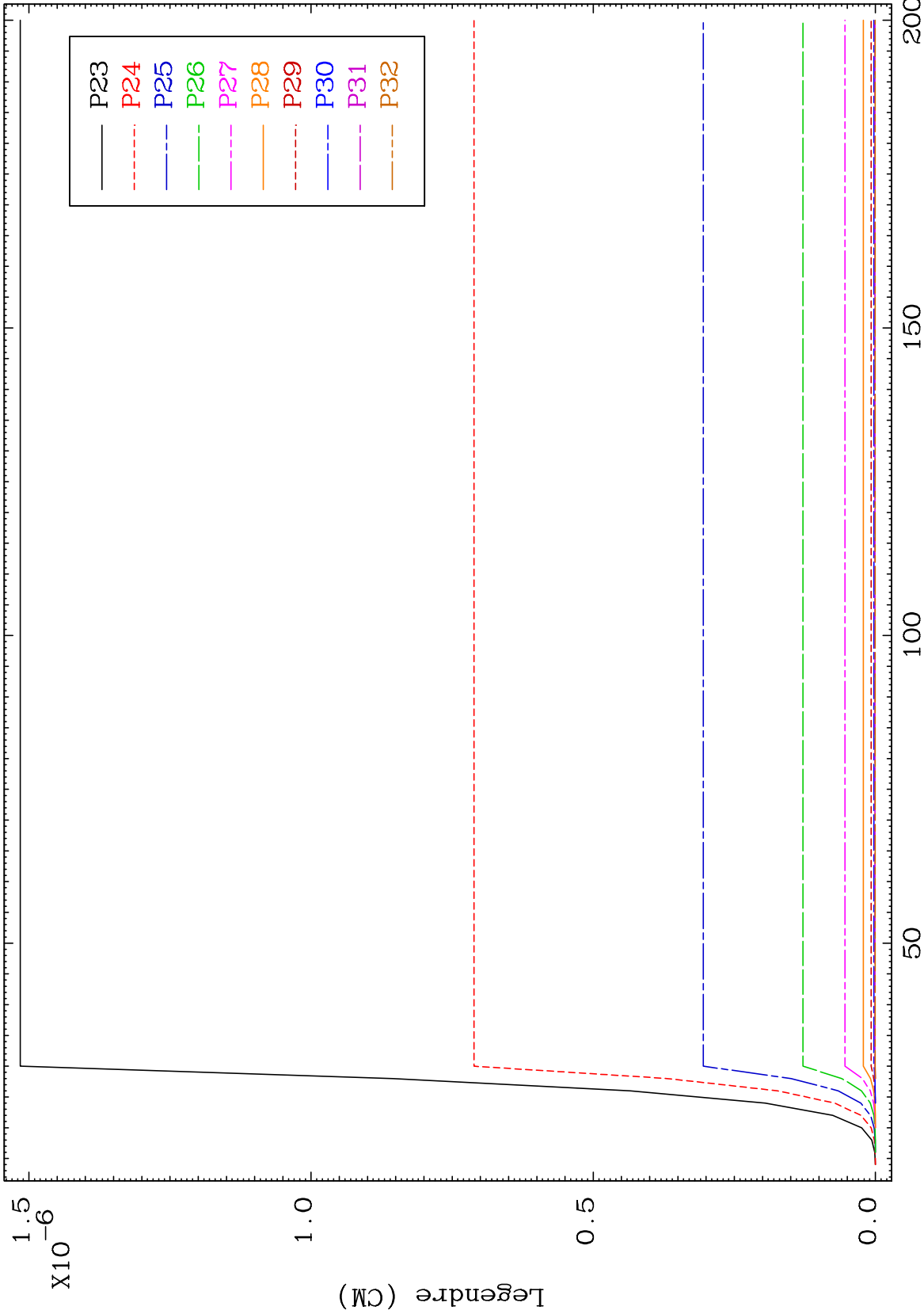
MAT 3419 MT= 62 (n,n') Level Legendre Coefficients 34-Se-72



MAT 3419

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

34-Se-72



60

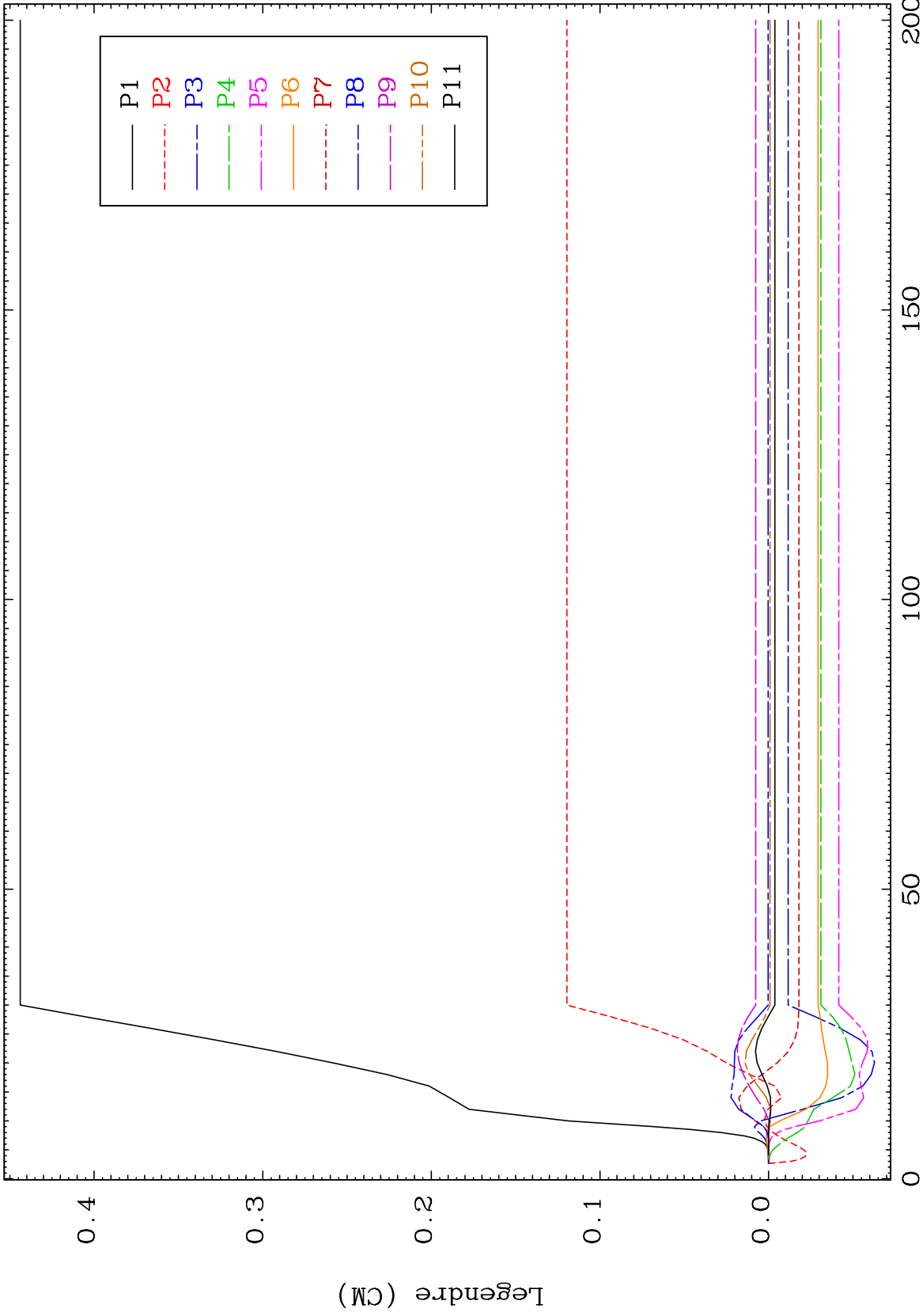
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



61

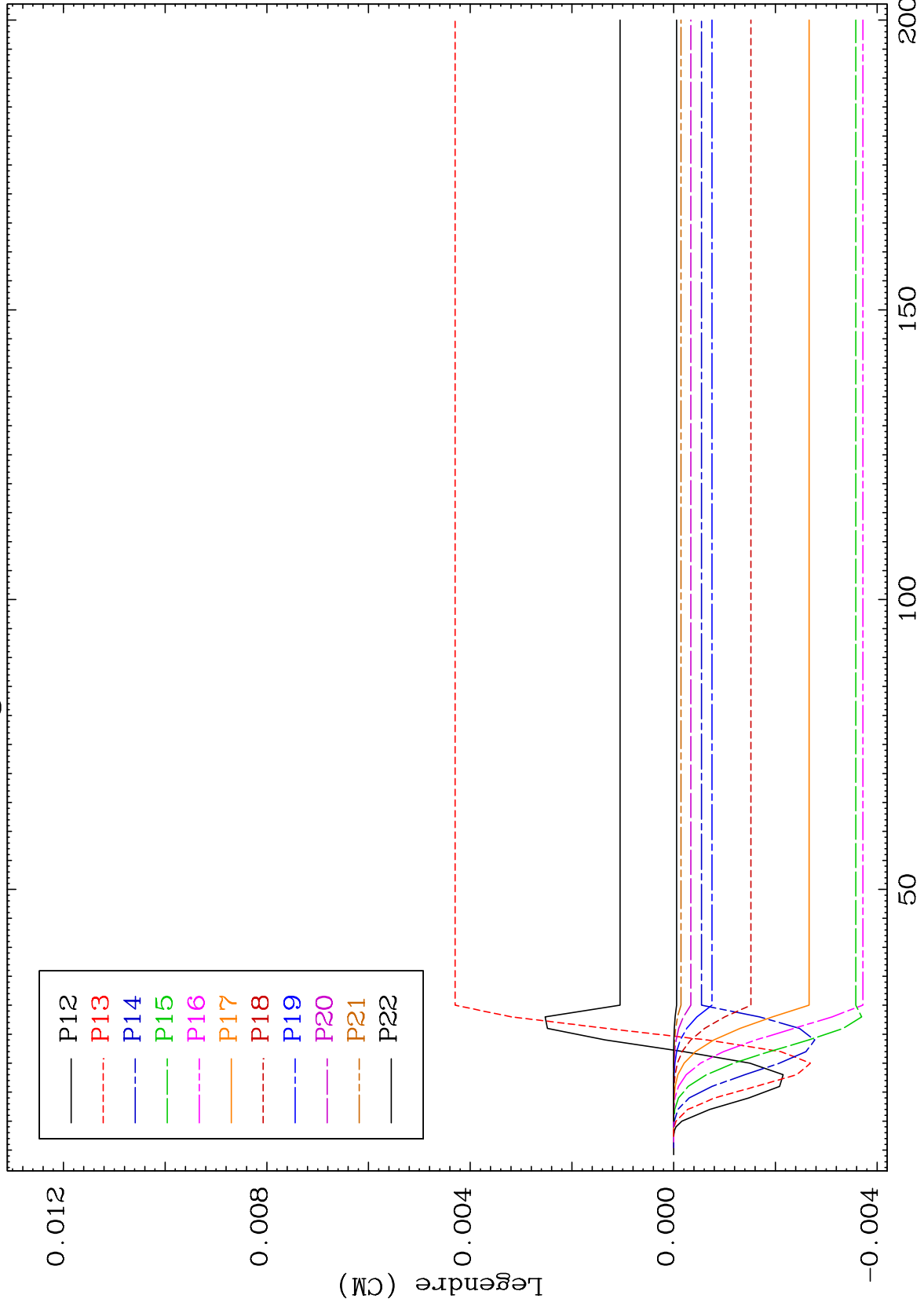
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



62

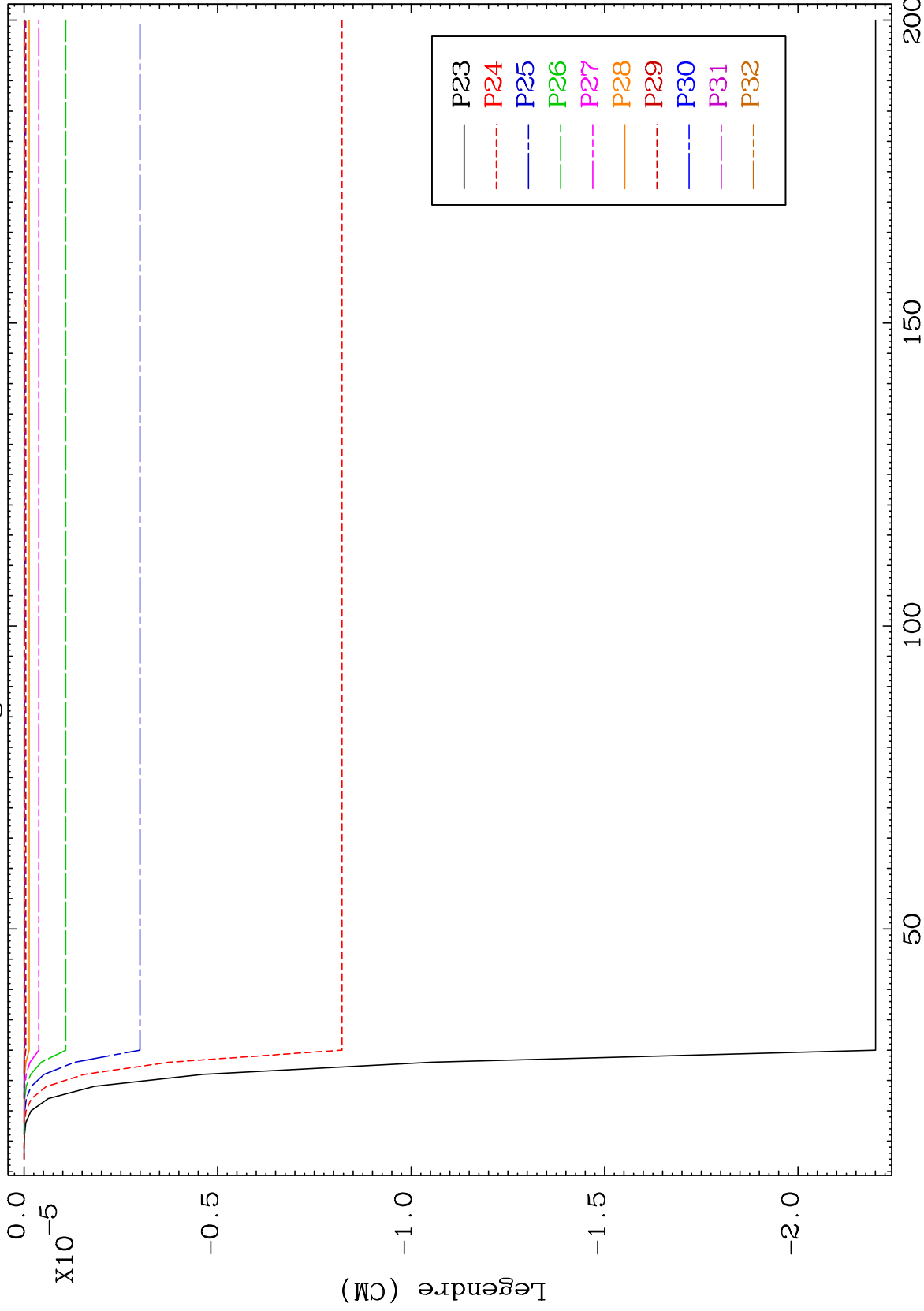
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



63

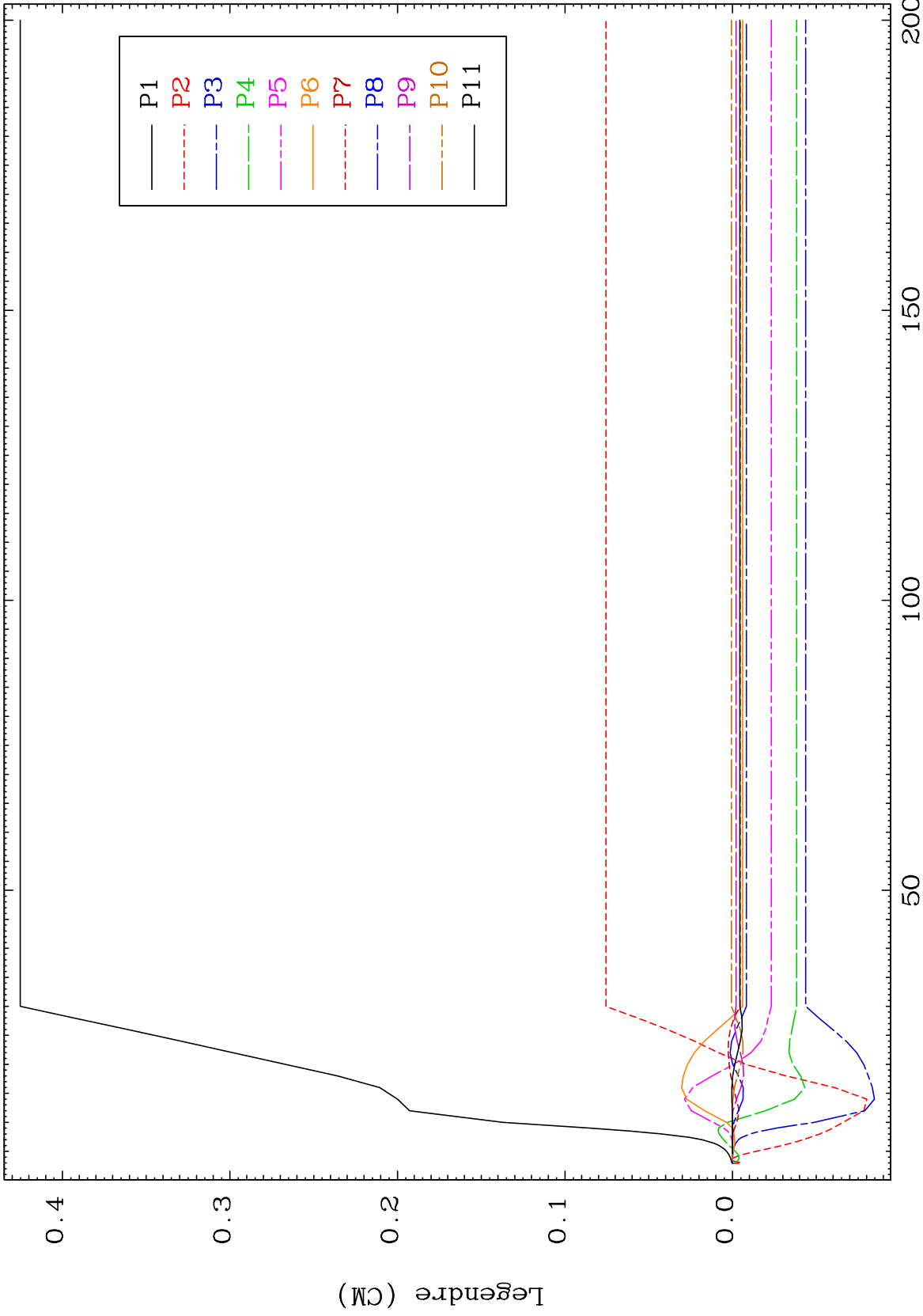
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



64

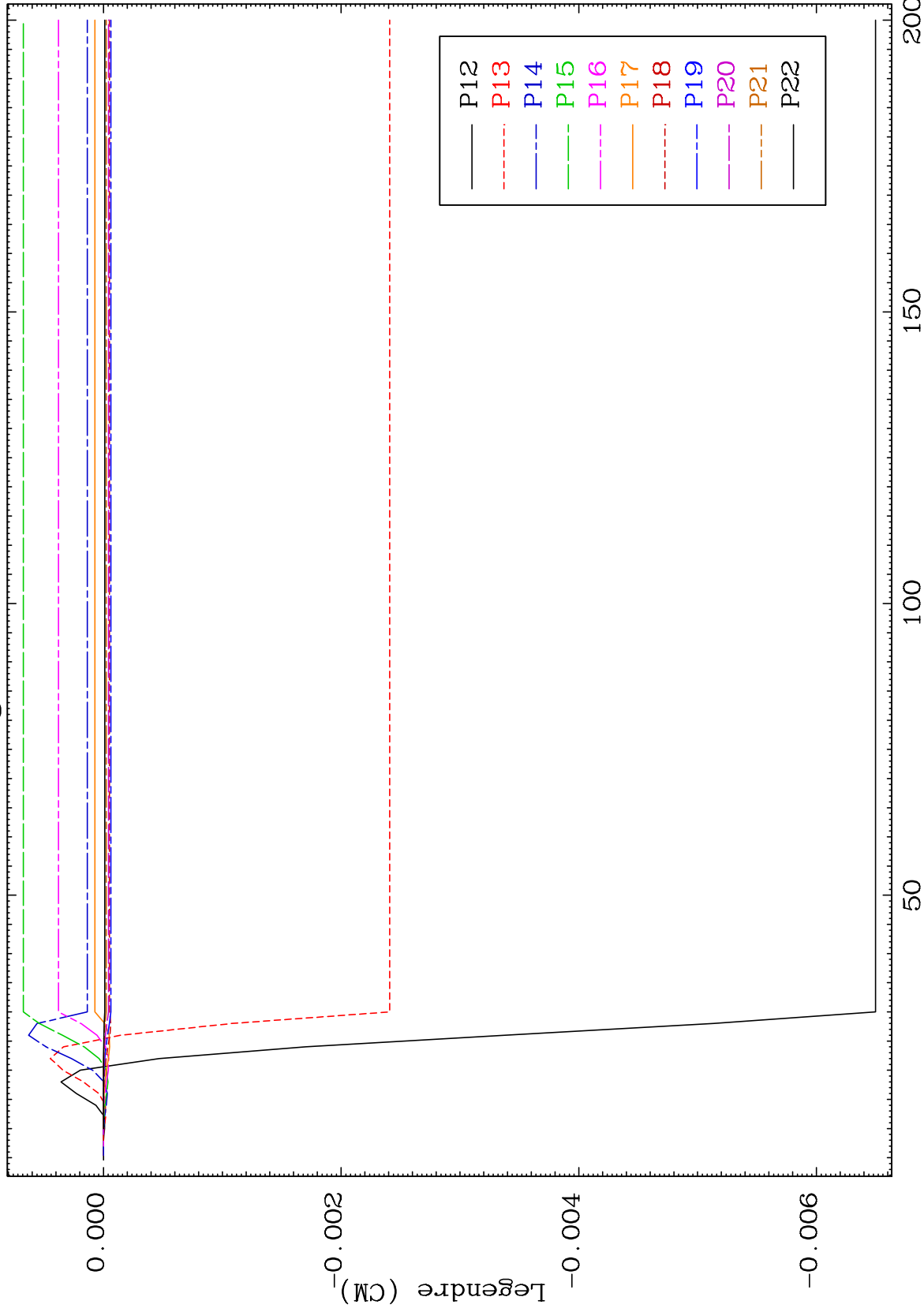
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



65

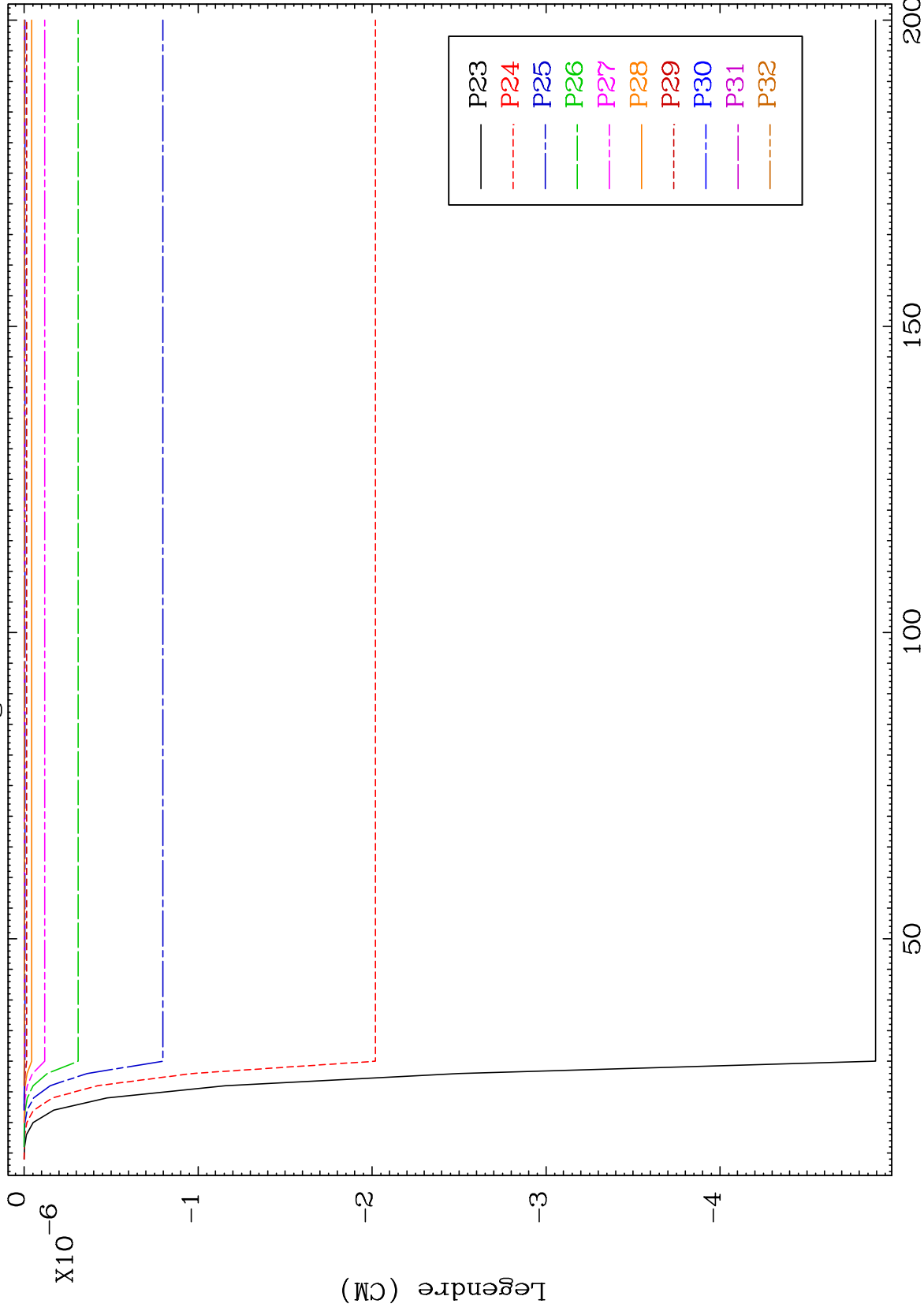
Incident Energy (MeV)

34-Se-72

MAT 3419

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

³⁴Se-72



66

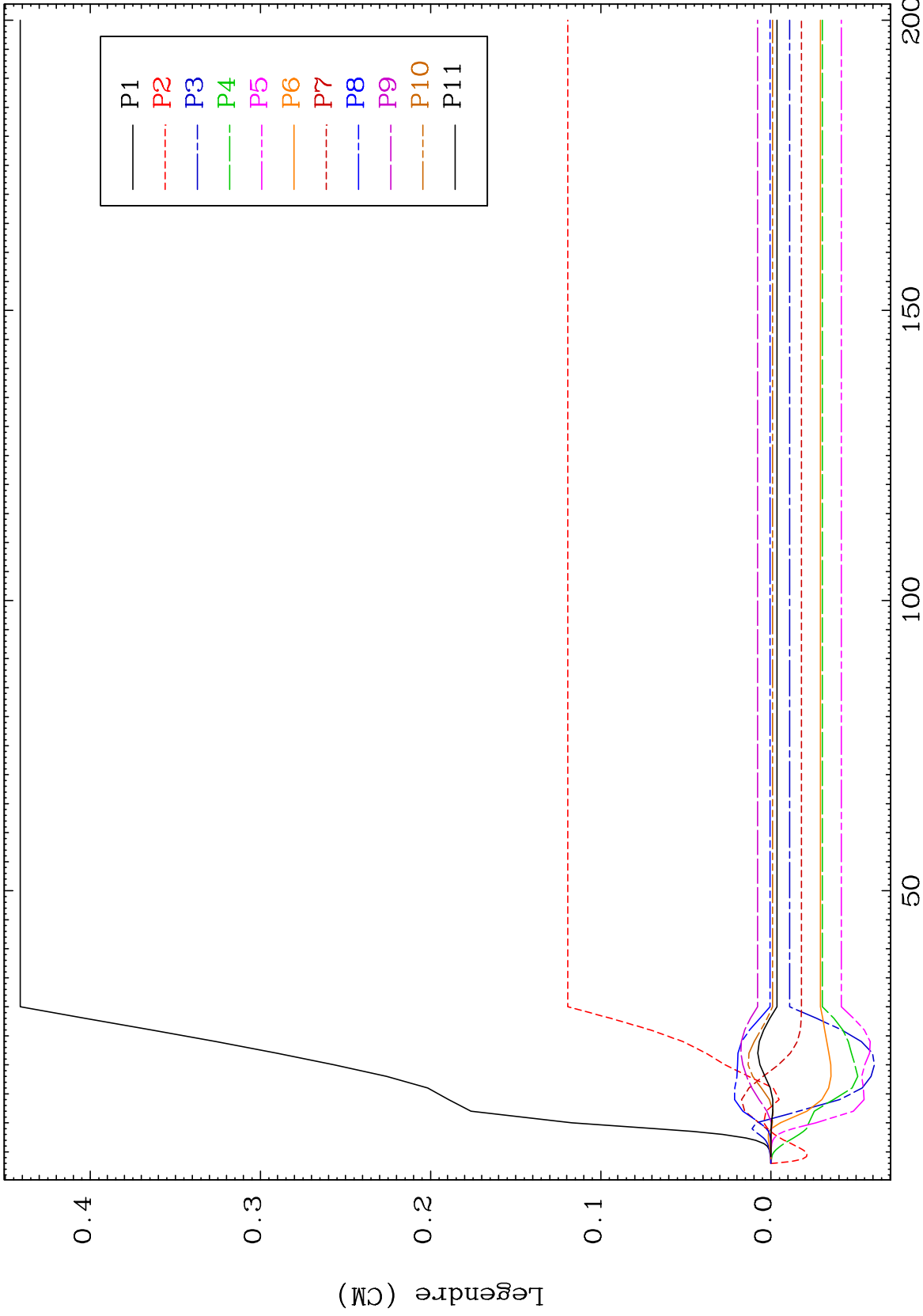
Incident Energy (MeV)

³⁴Se-72

MAT 3419

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

34-Se-72



67

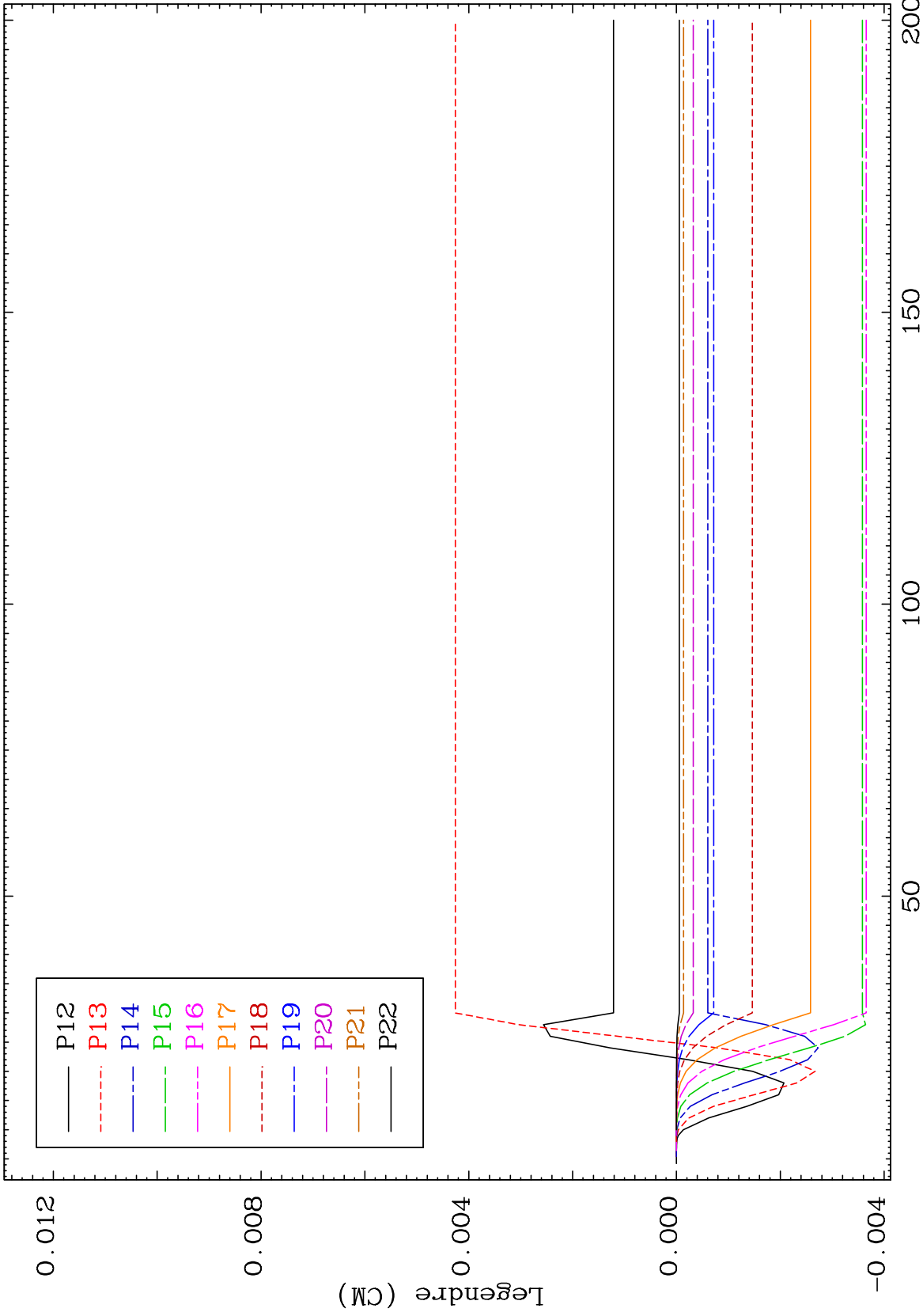
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



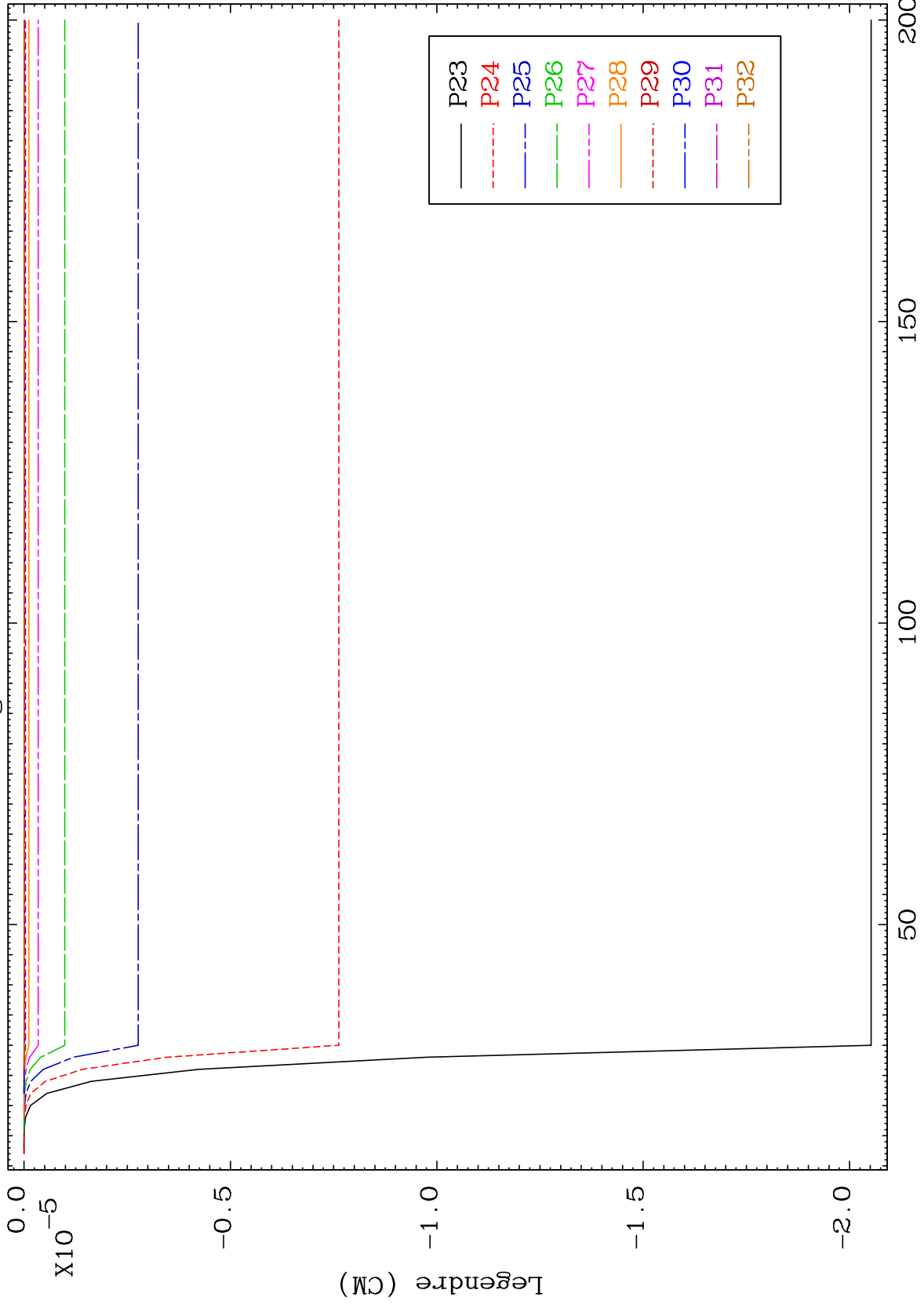
68

34-Se-72

MAT 3419

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

34-Se-72



69

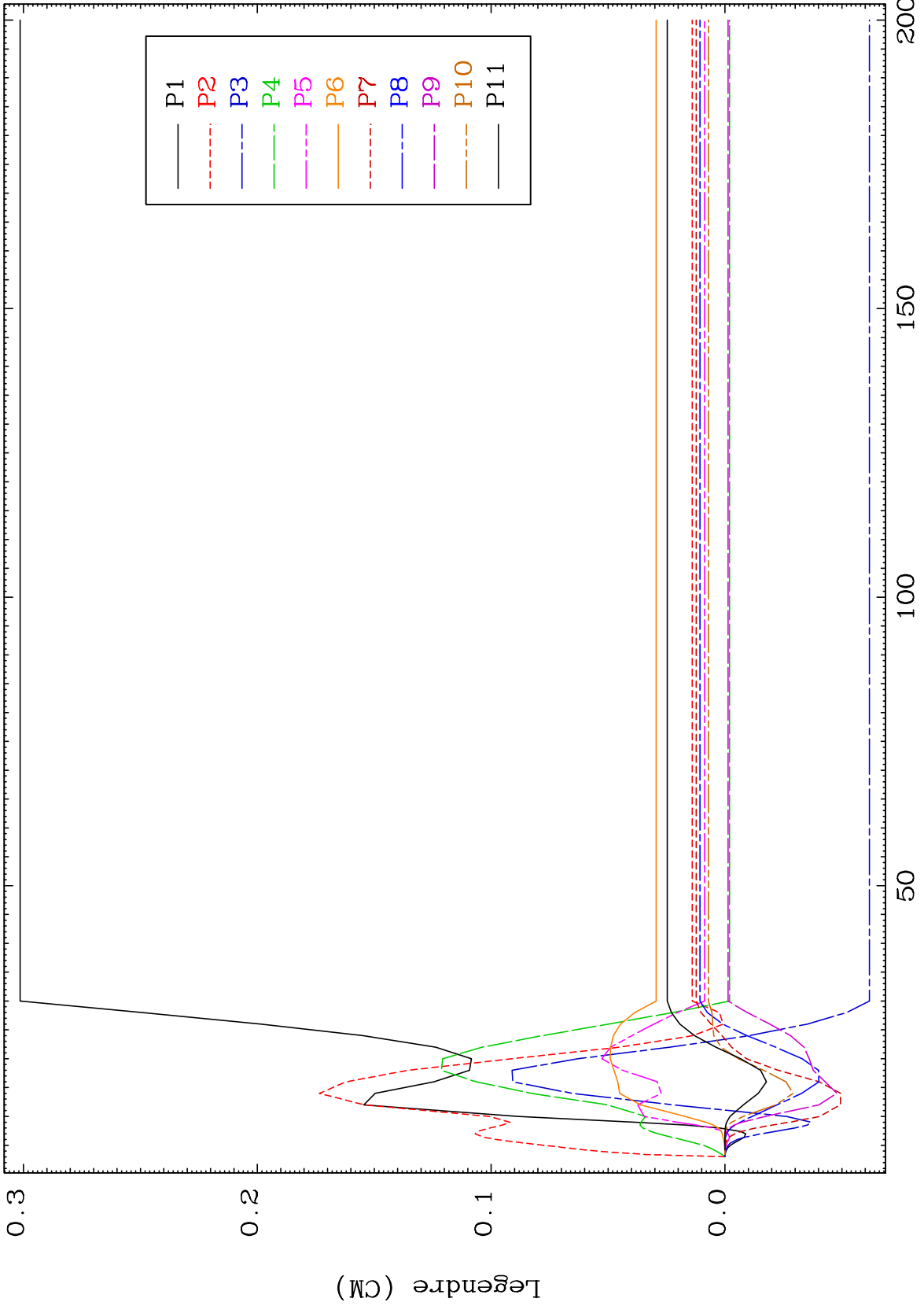
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



70

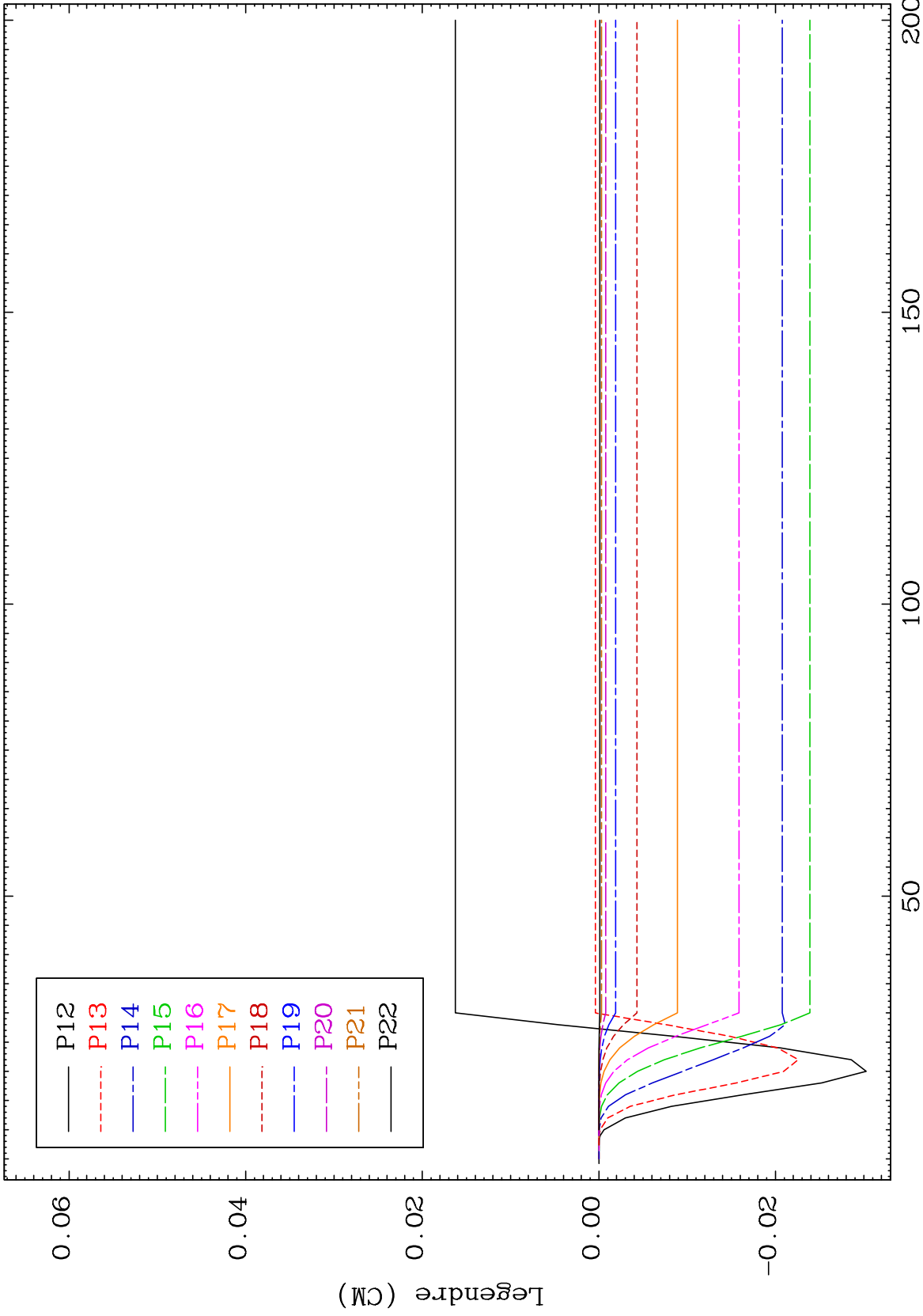
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



71

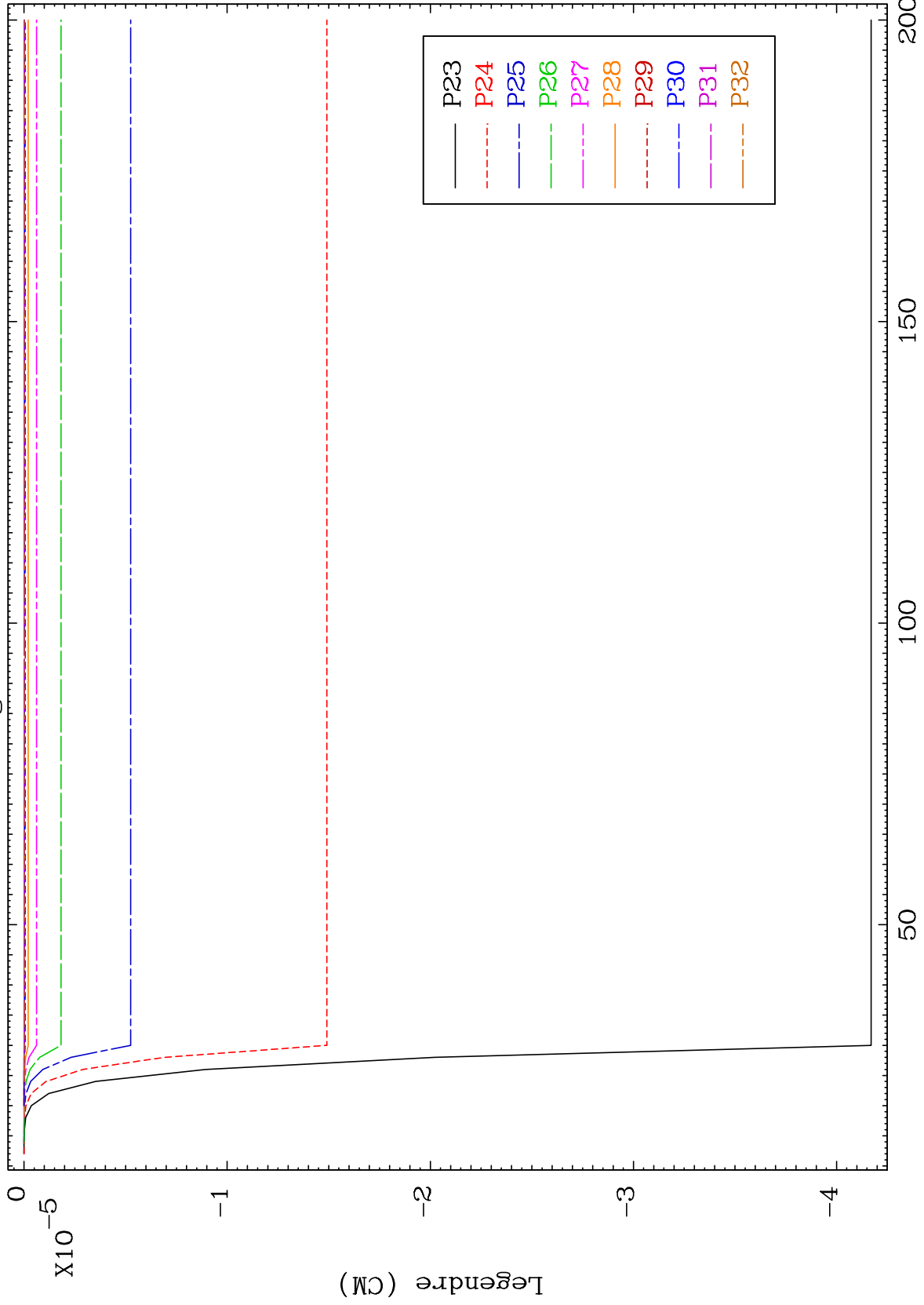
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



34-Se-72

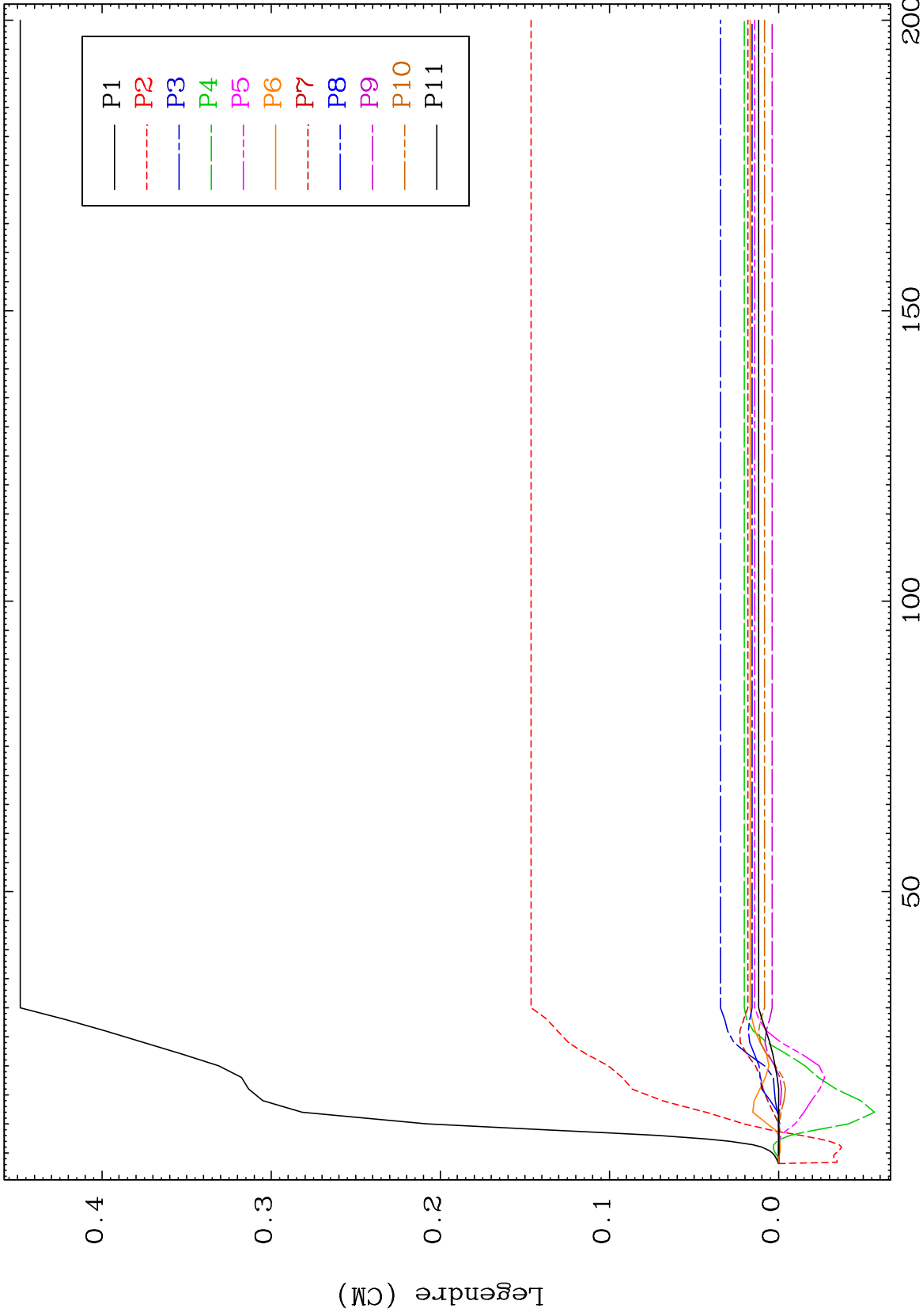
Incident Energy (MeV)

72

MAT 3419

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

34-Se-72



73

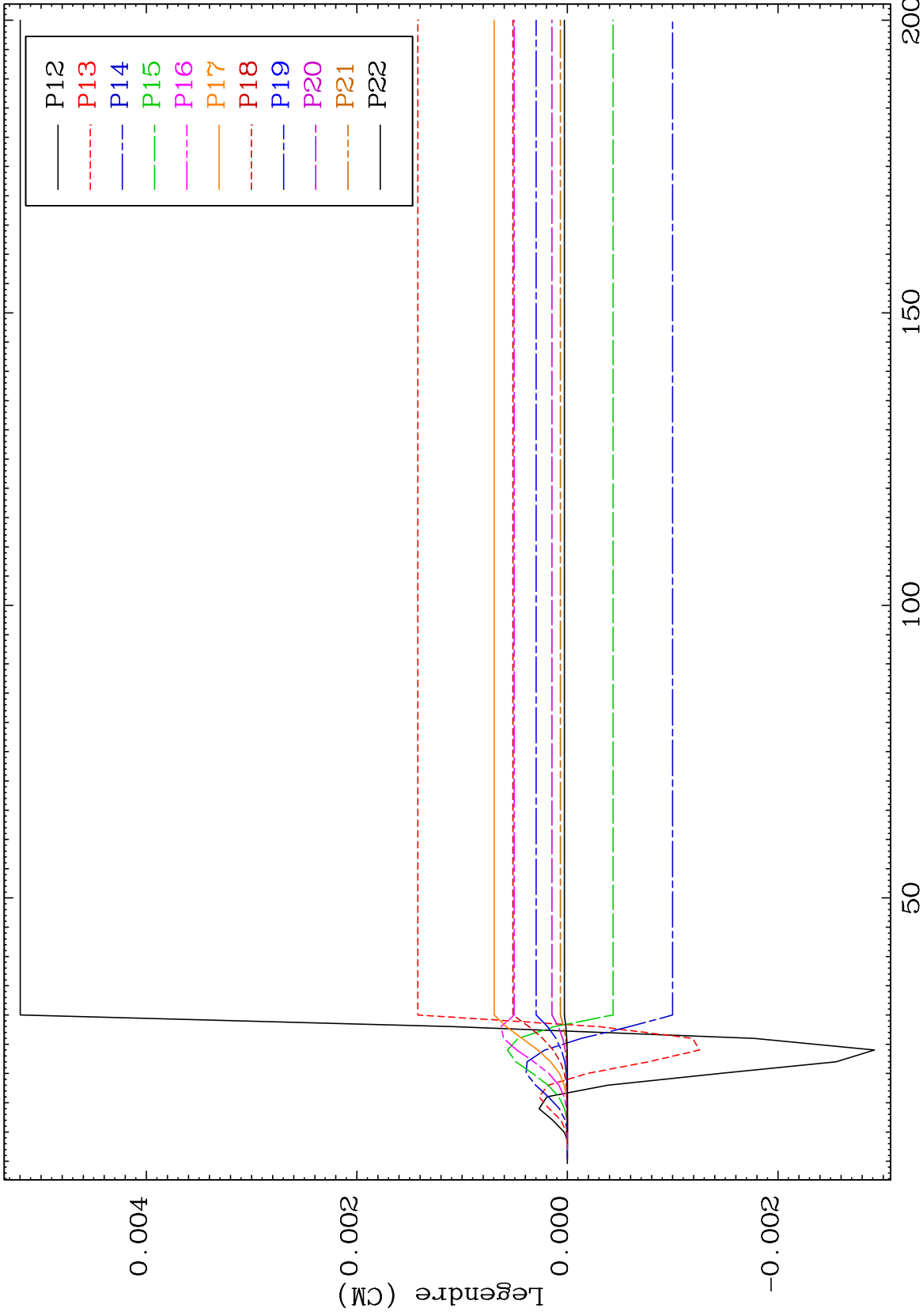
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



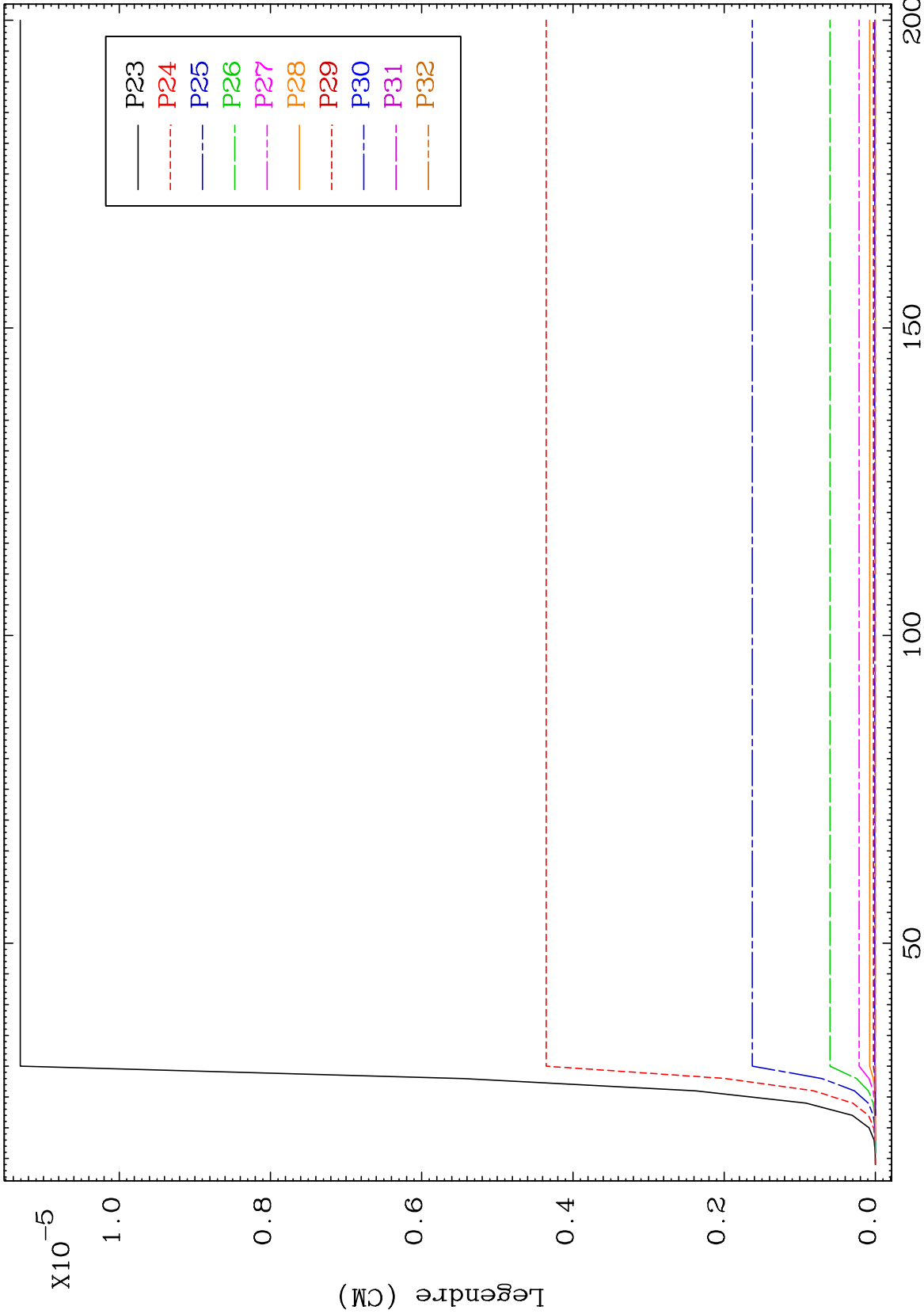
74

34-Se-72

MAT 3419

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

³⁴Se-72



75

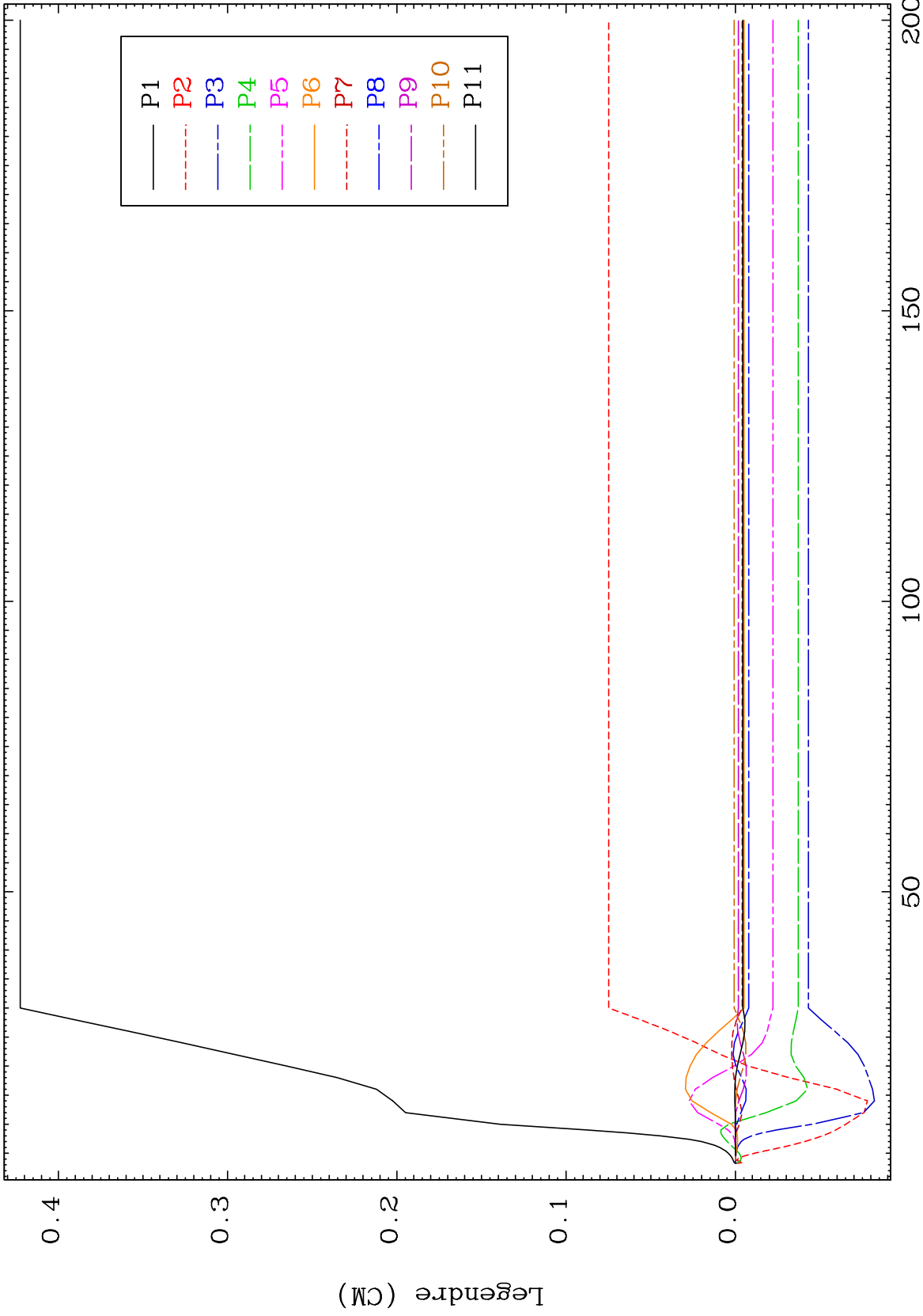
Incident Energy (MeV)

³⁴Se-72

MAT 3419

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

34-Se-72



76

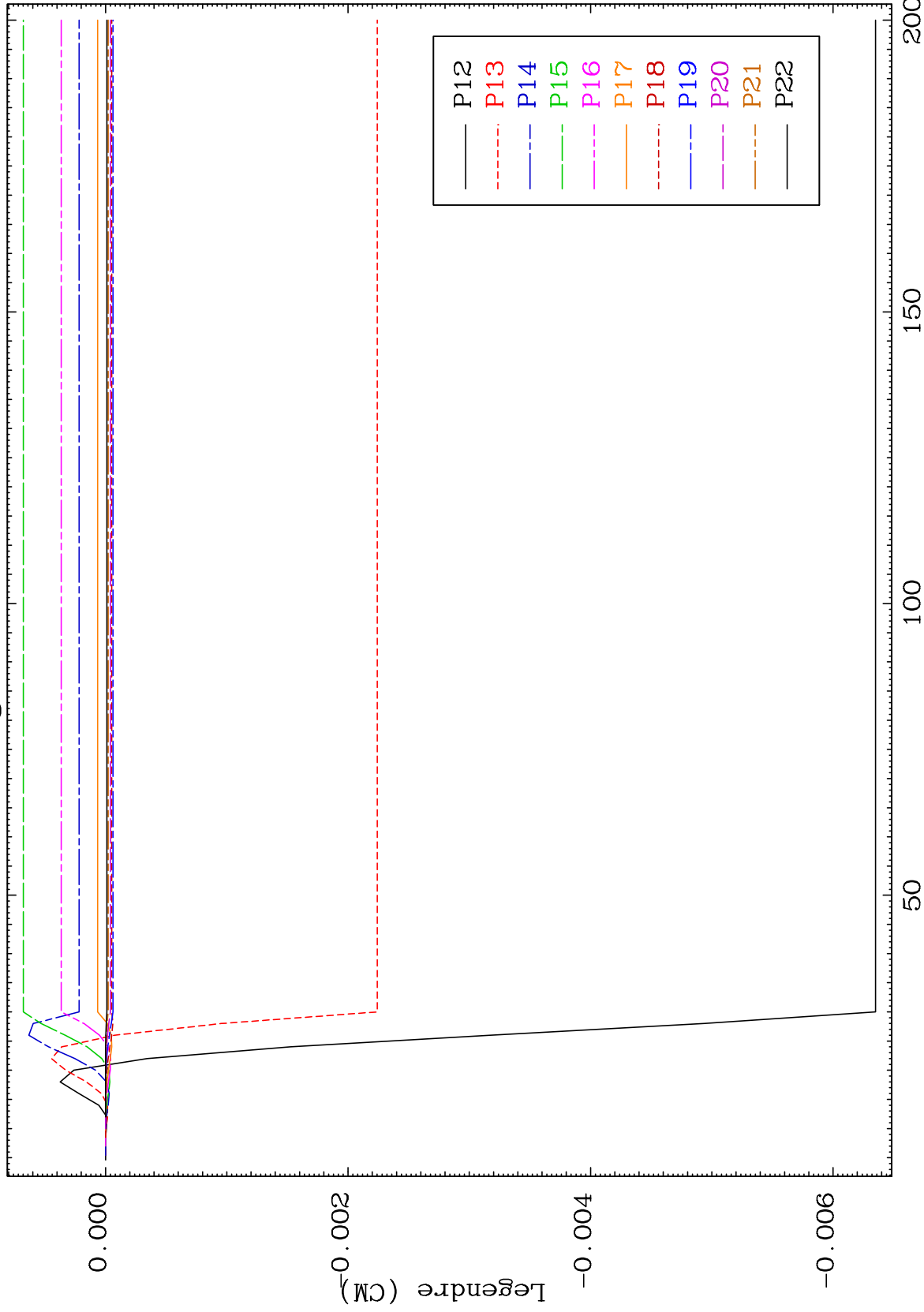
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



77

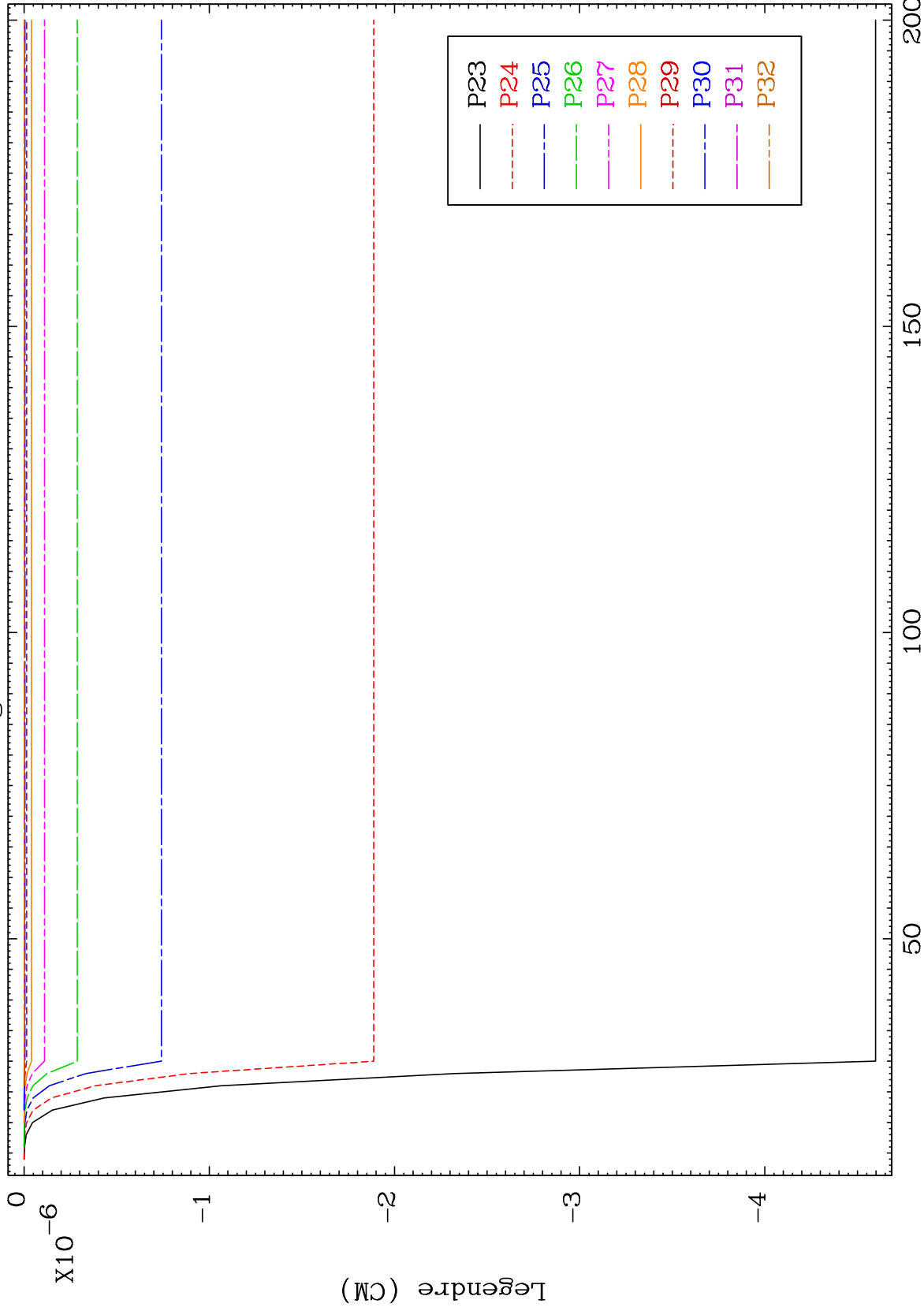
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



78

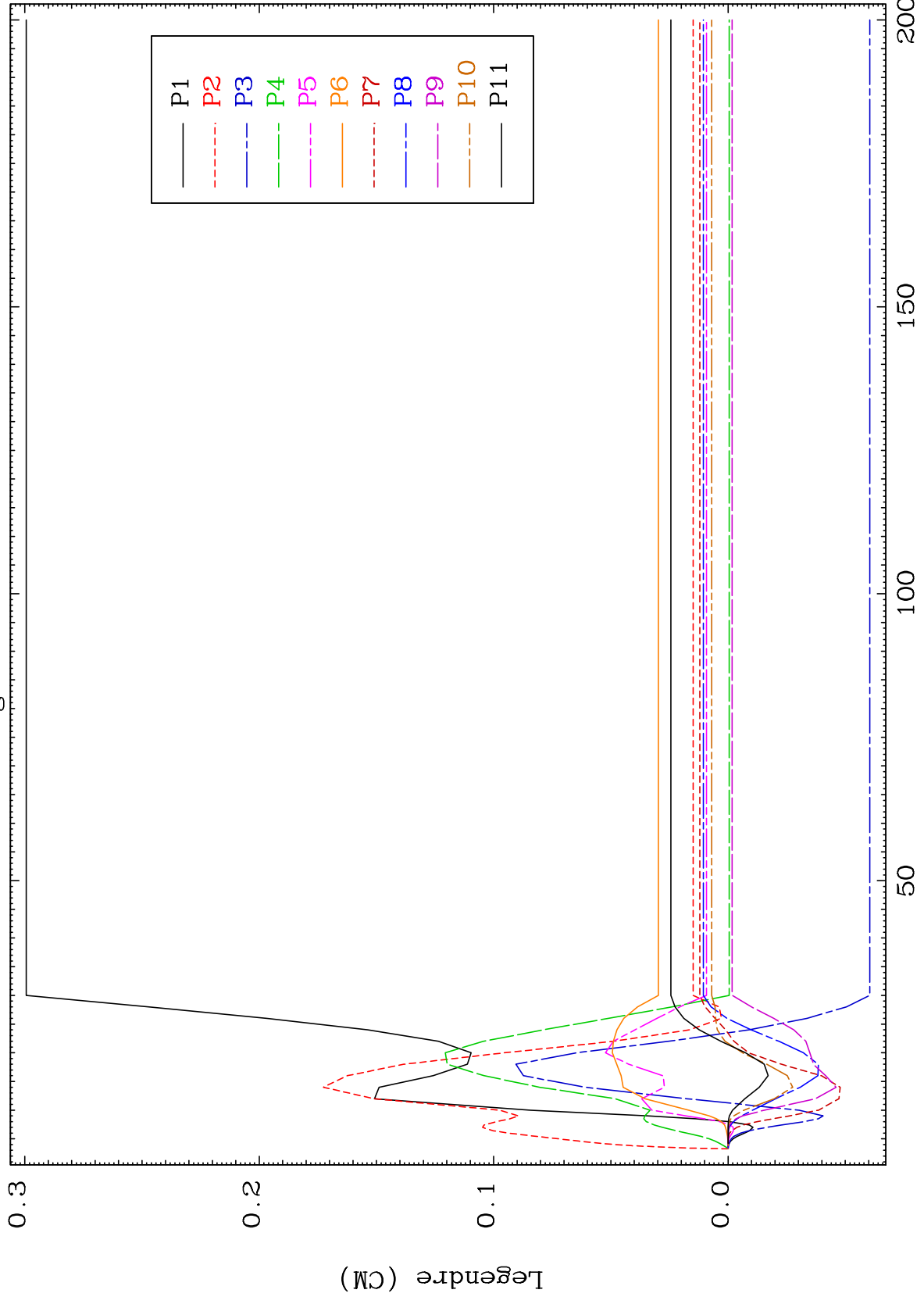
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



79

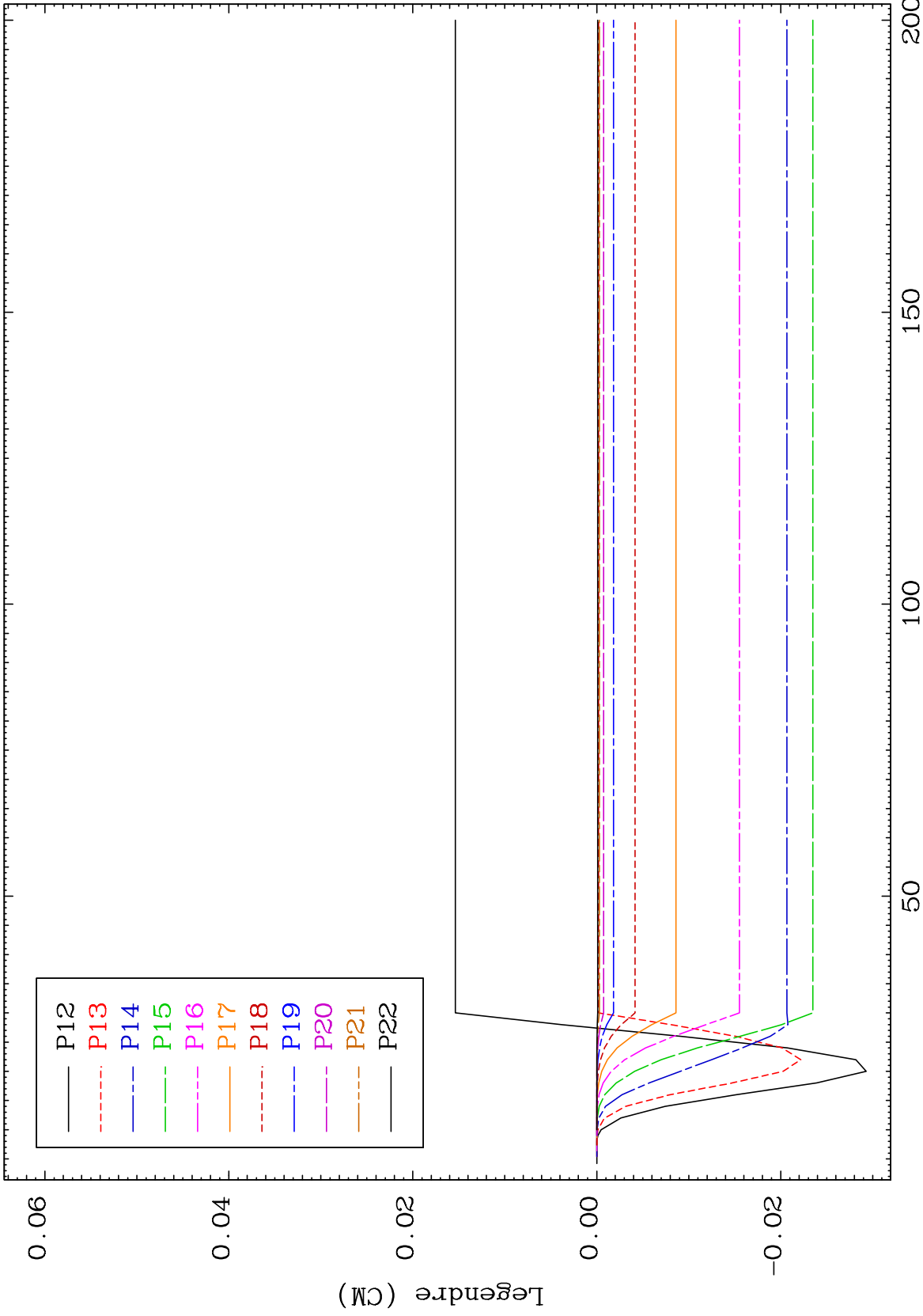
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



80

Incident Energy (MeV)

50

150

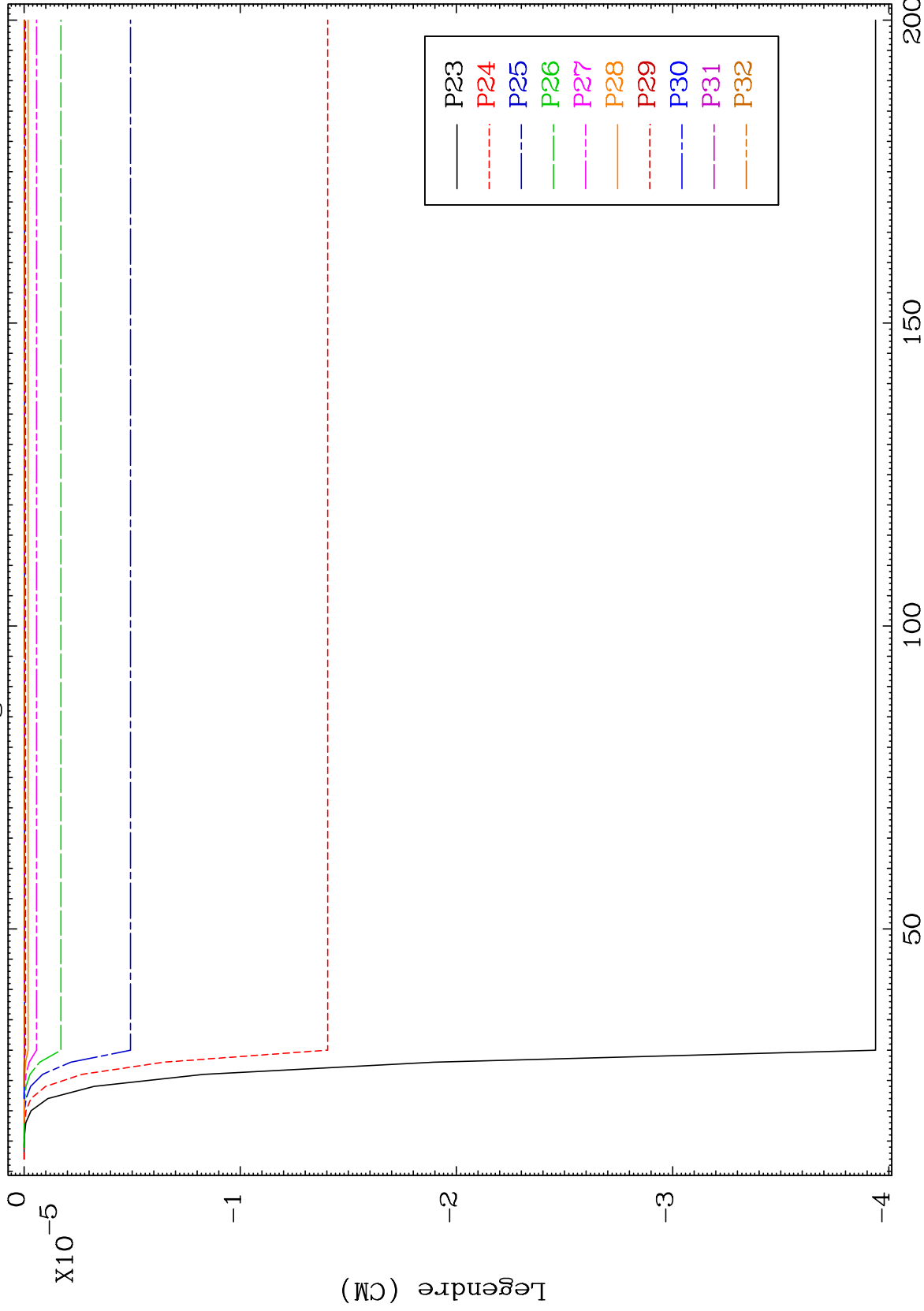
200

34-Se-72

MAT 3419

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

34-Se-72



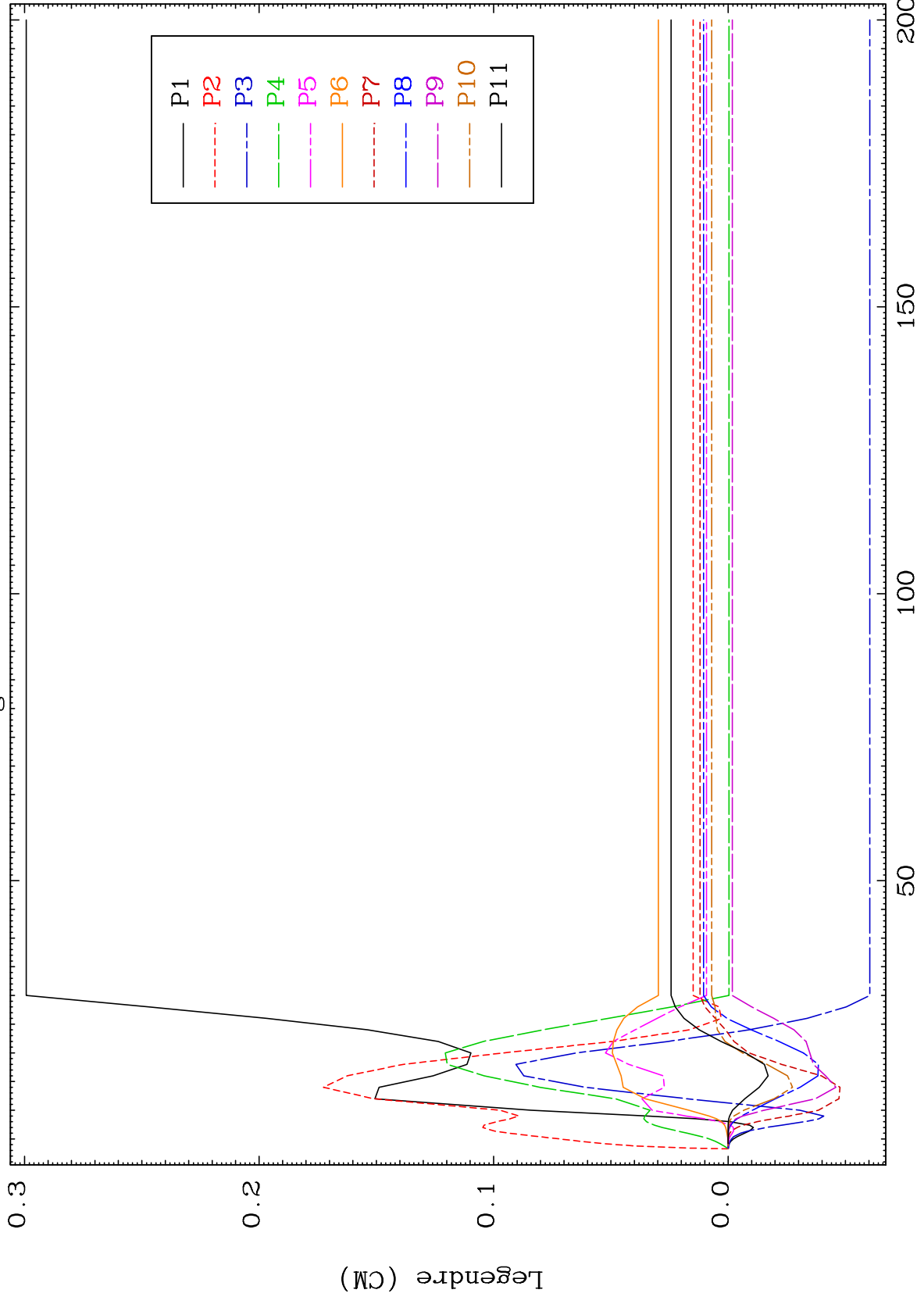
81

34-Se-72

MAT 3419

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

34-Se-72



82

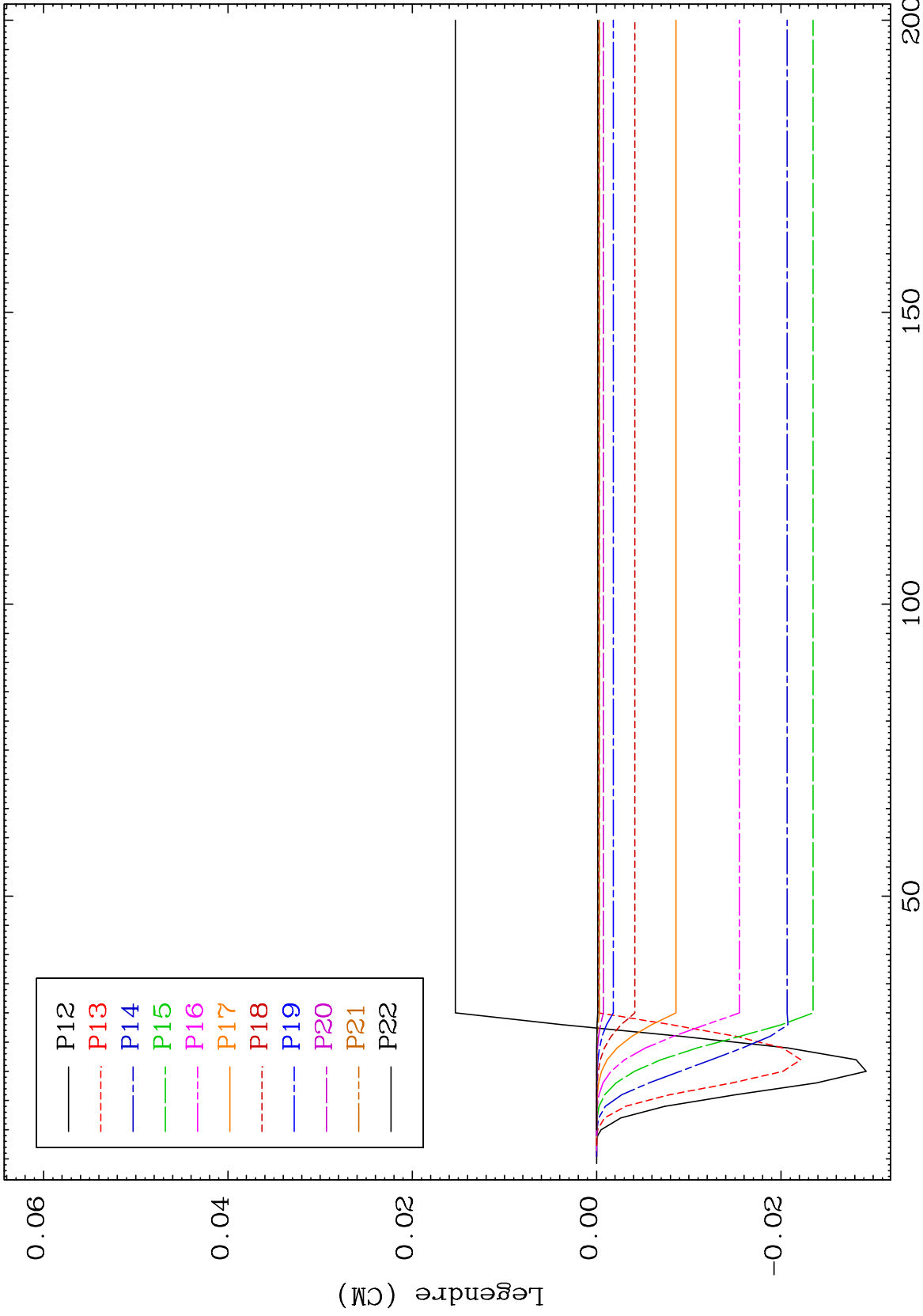
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



83

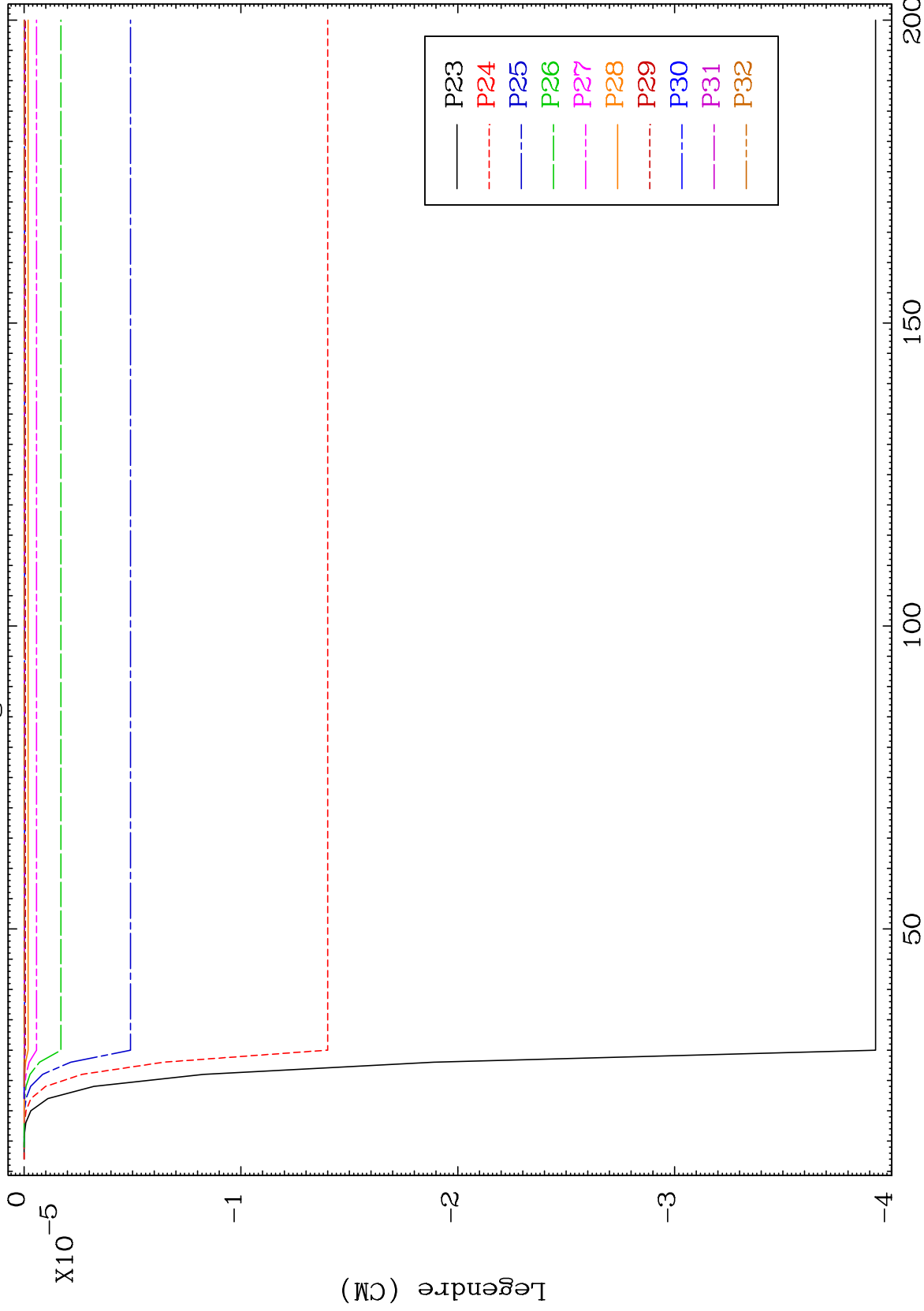
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



84

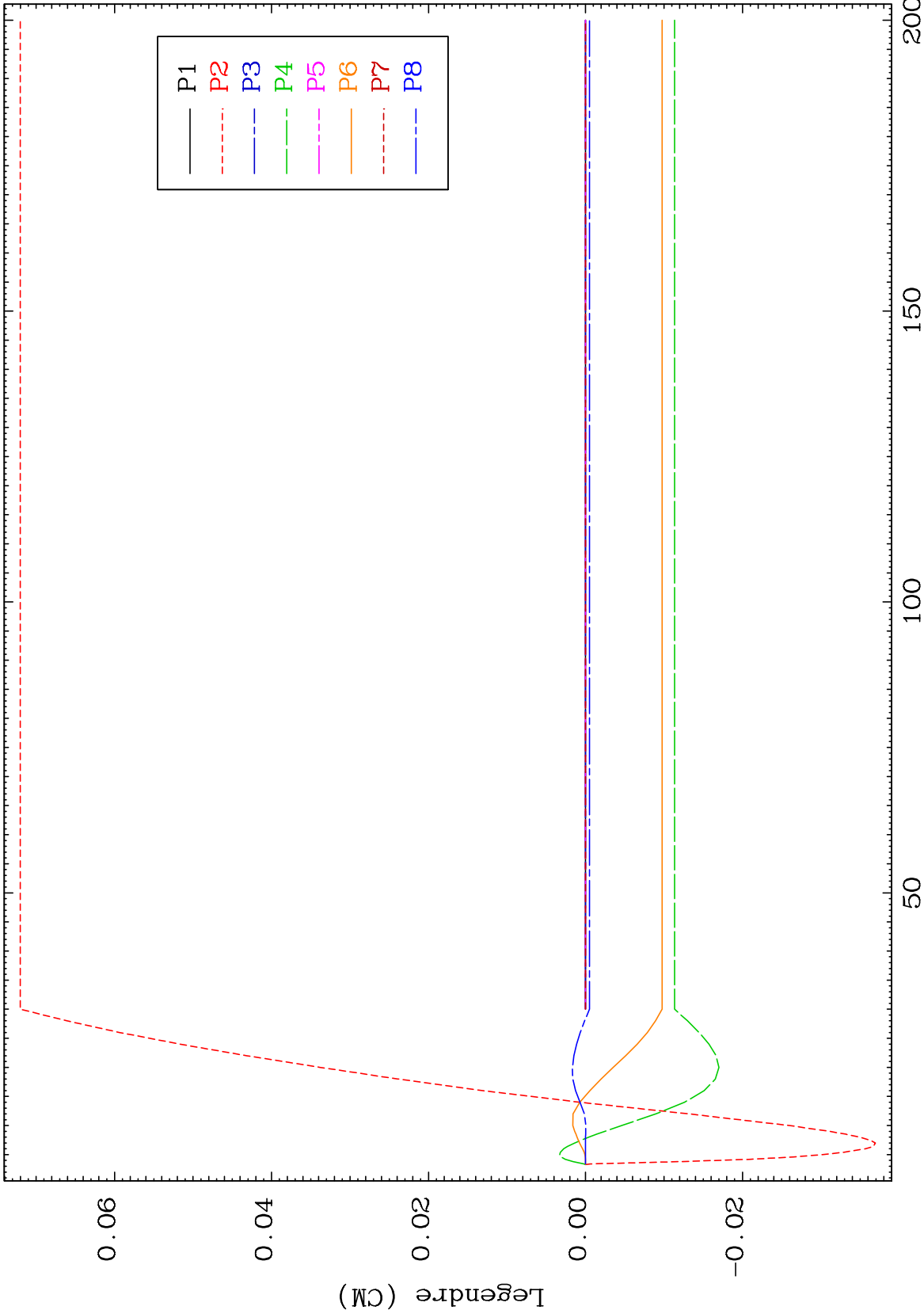
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



85

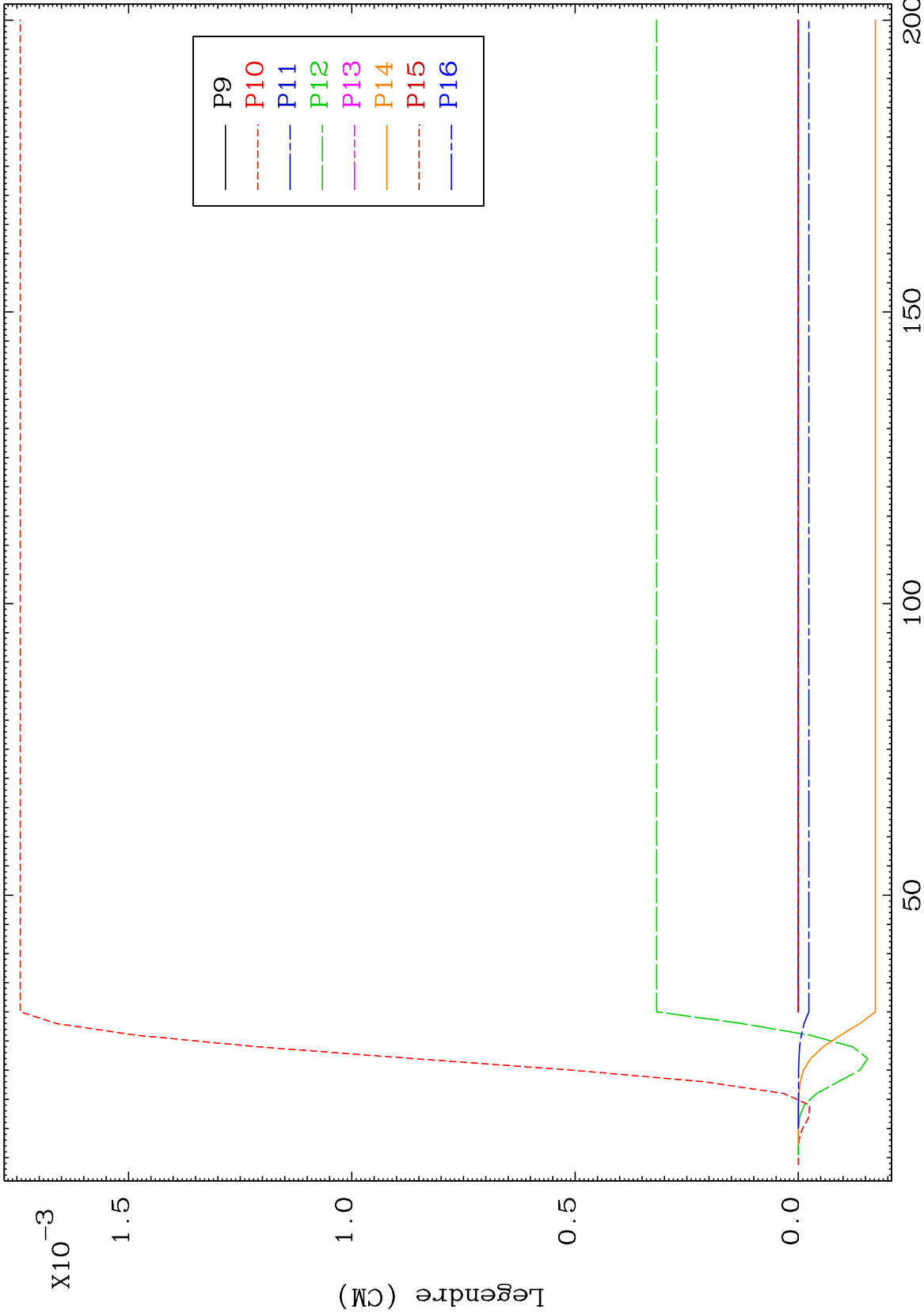
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72

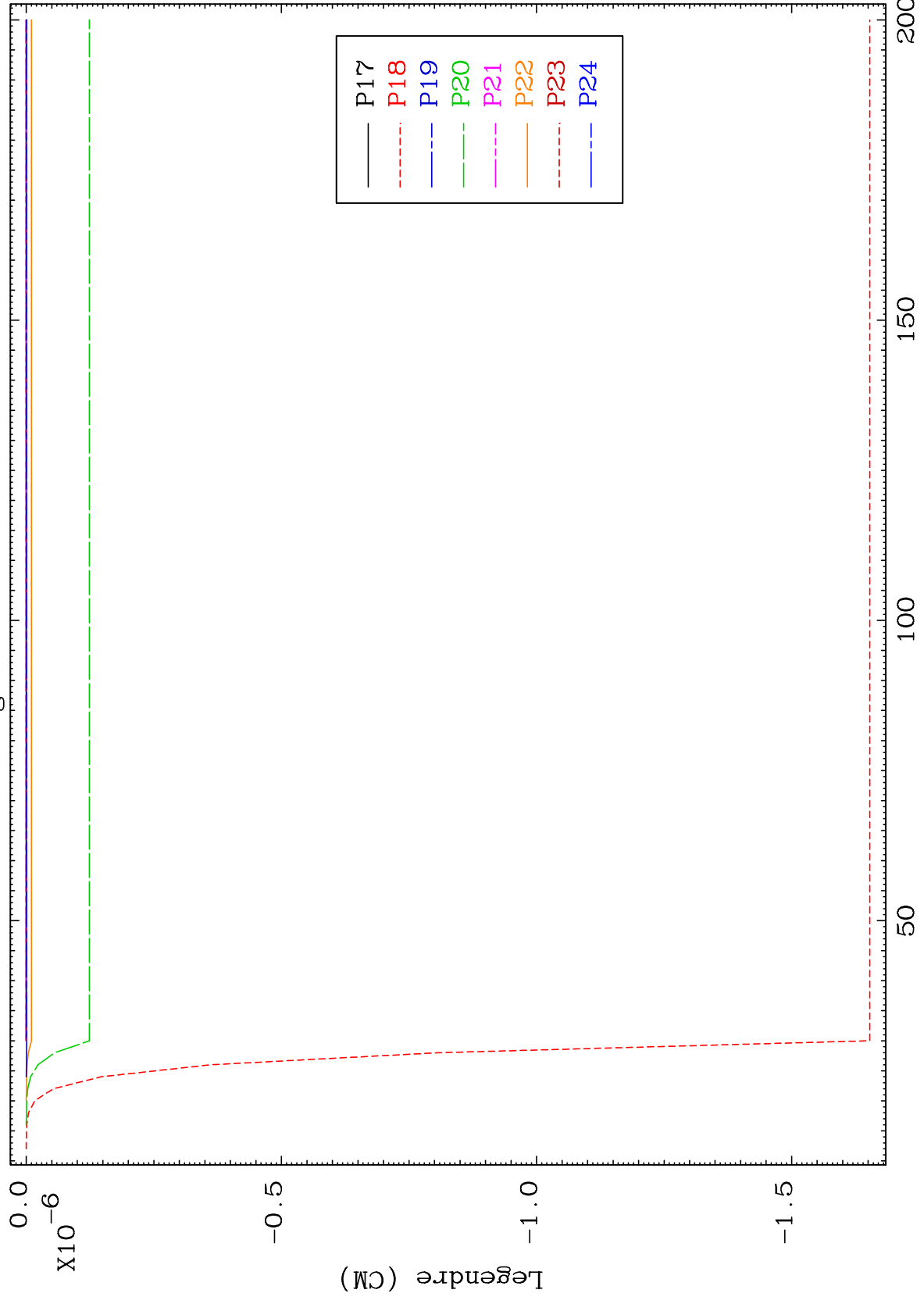


86

Incident Energy (MeV)

34-Se-72

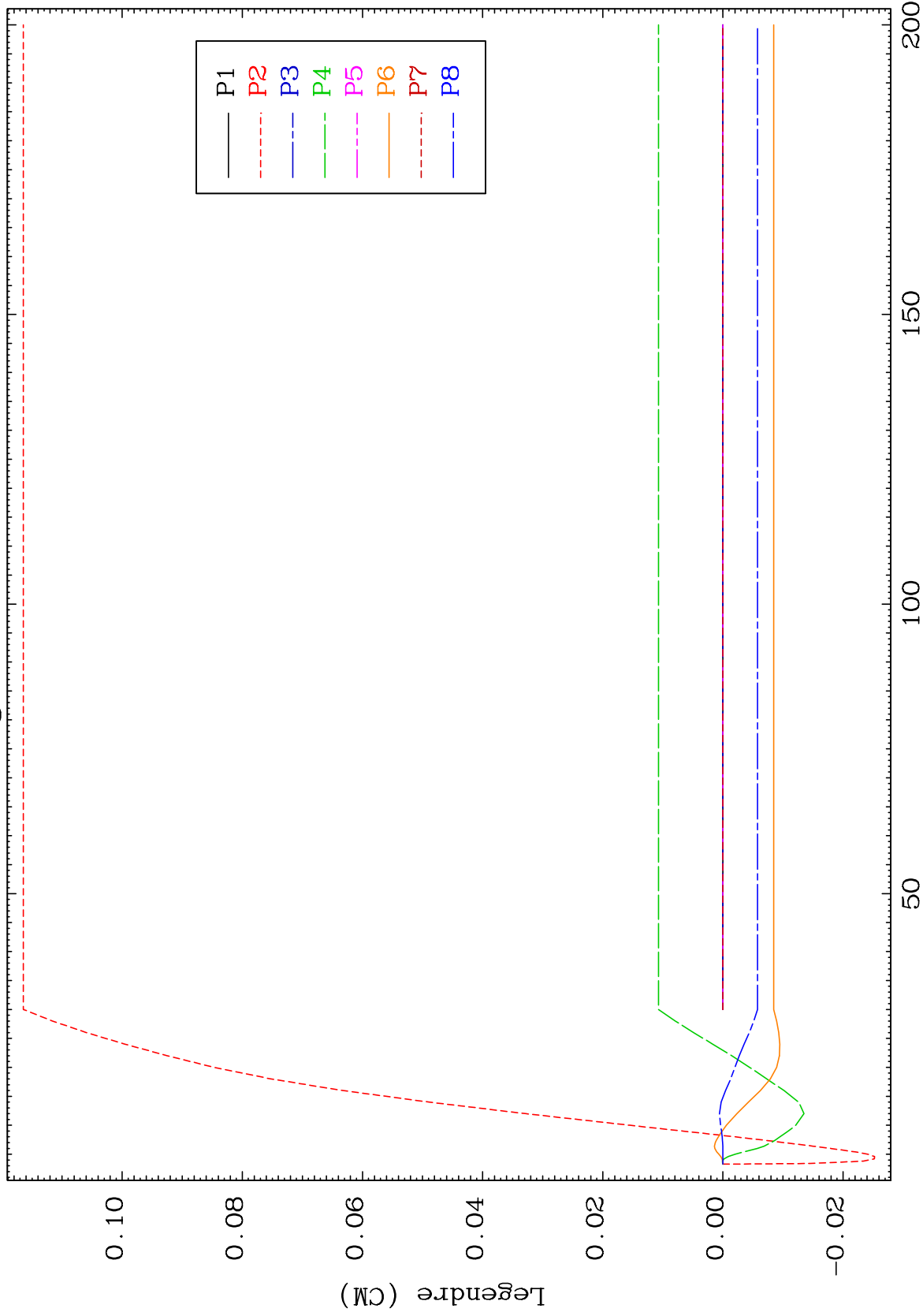
MAT 3419 MT= 71 (n,n') Level Legendre Coefficients 34-Se-72



MAT 3419

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

34-Se-72



88

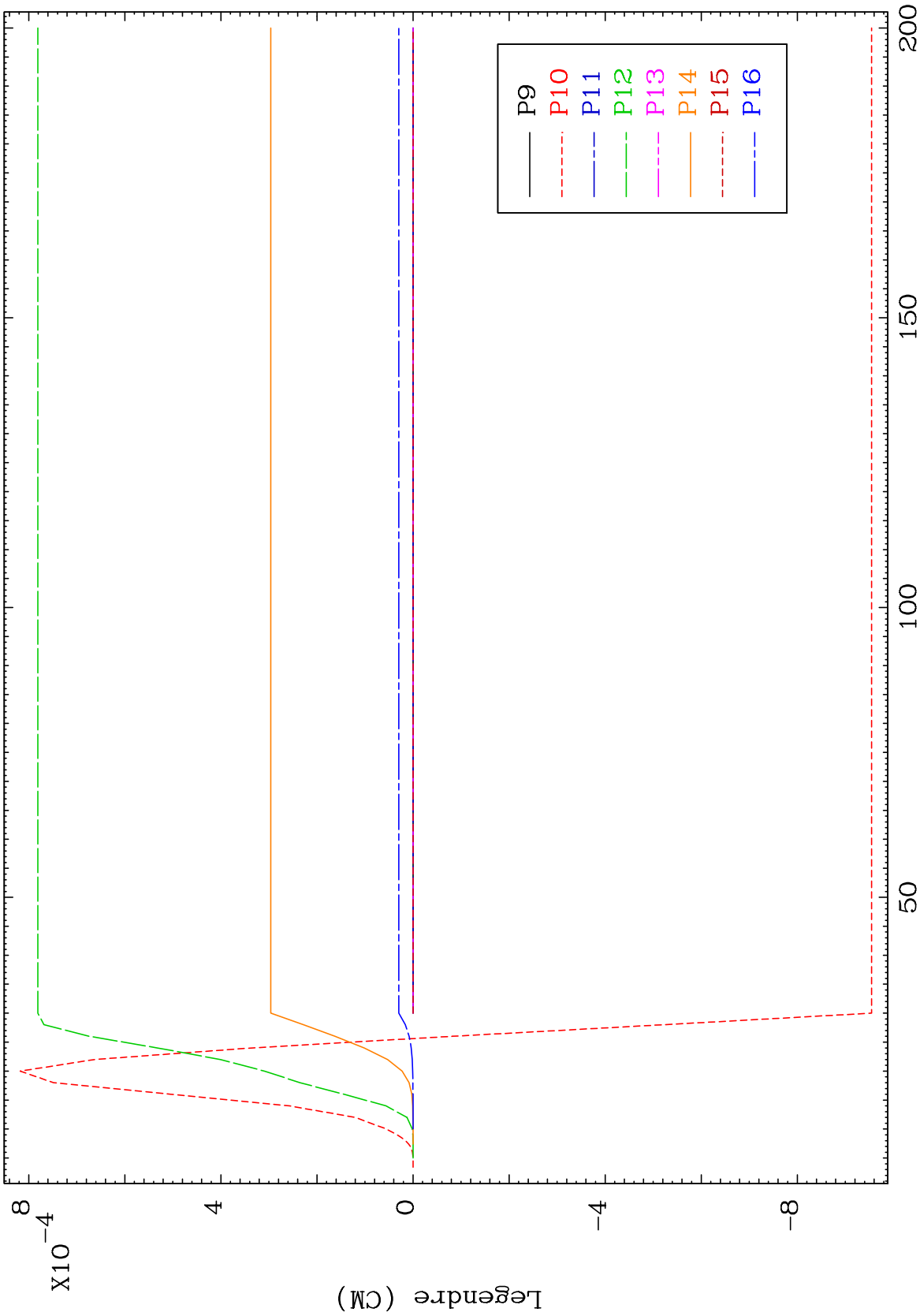
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72

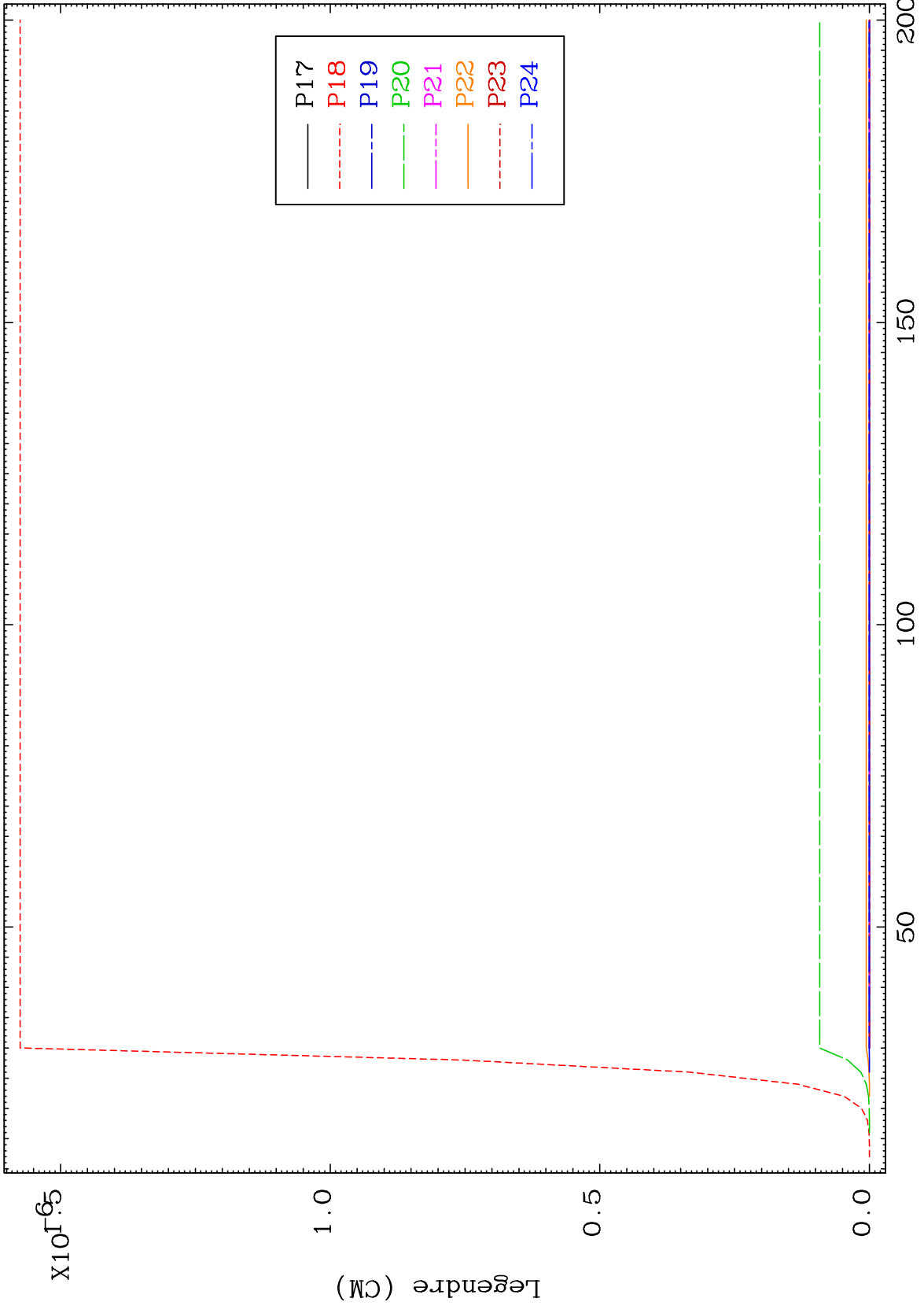


89

Incident Energy (MeV)

34-Se-72

MAT 3419 MT= 72 (n,n') Level Legendre Coefficients 34-Se-72

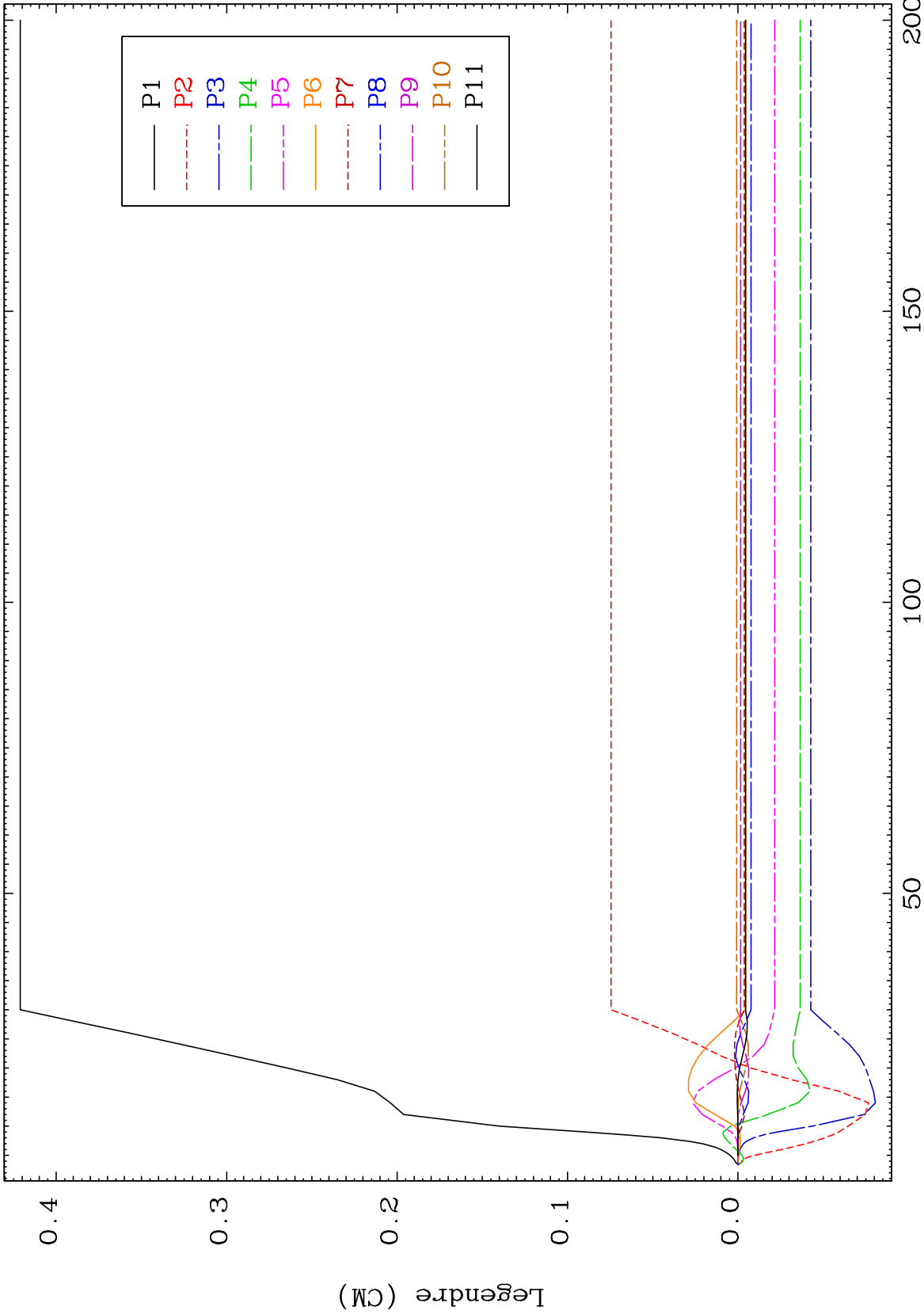


34-Se-72

MAT 3419

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

34-Se-72



91

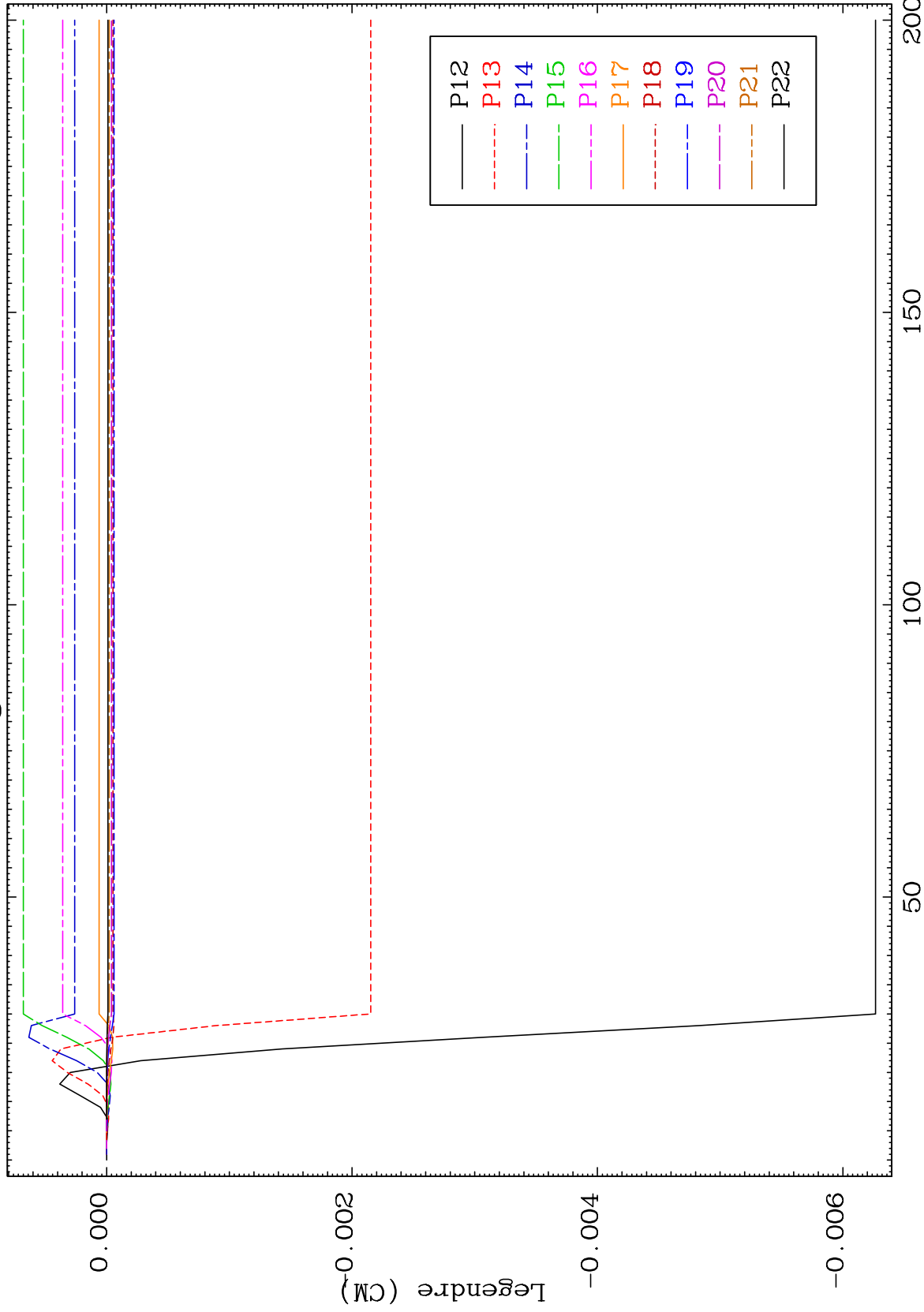
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



92

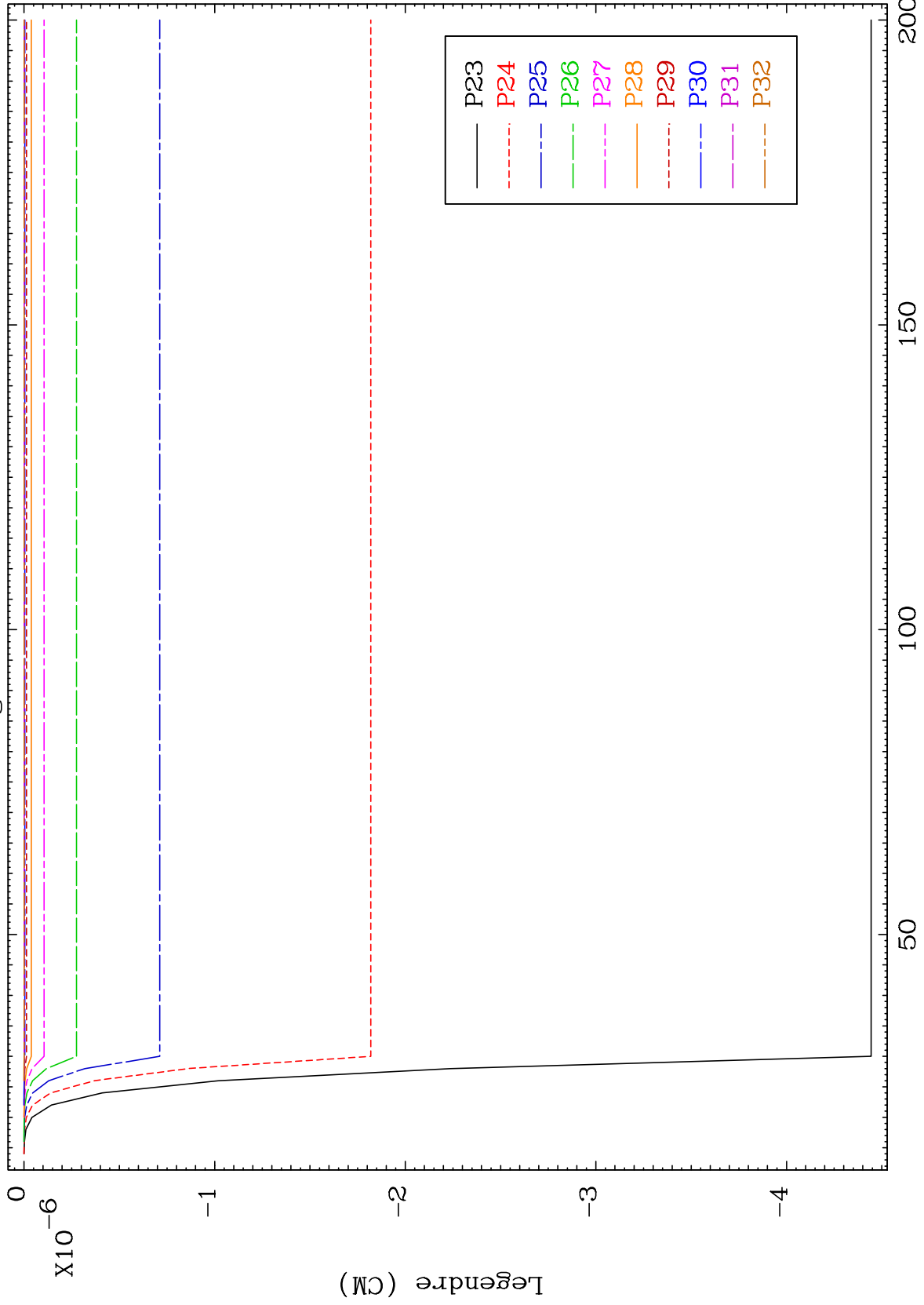
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



93

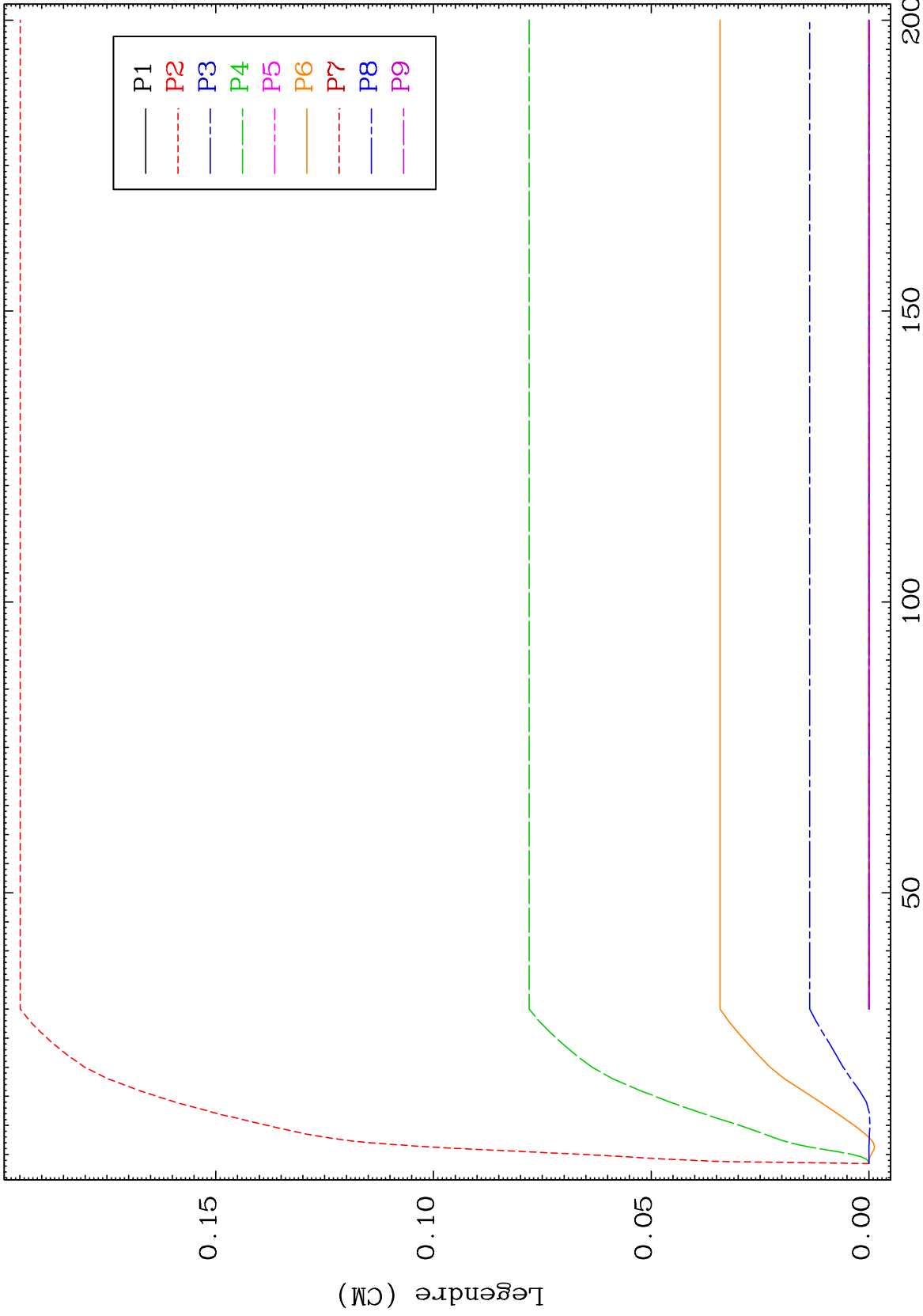
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



94

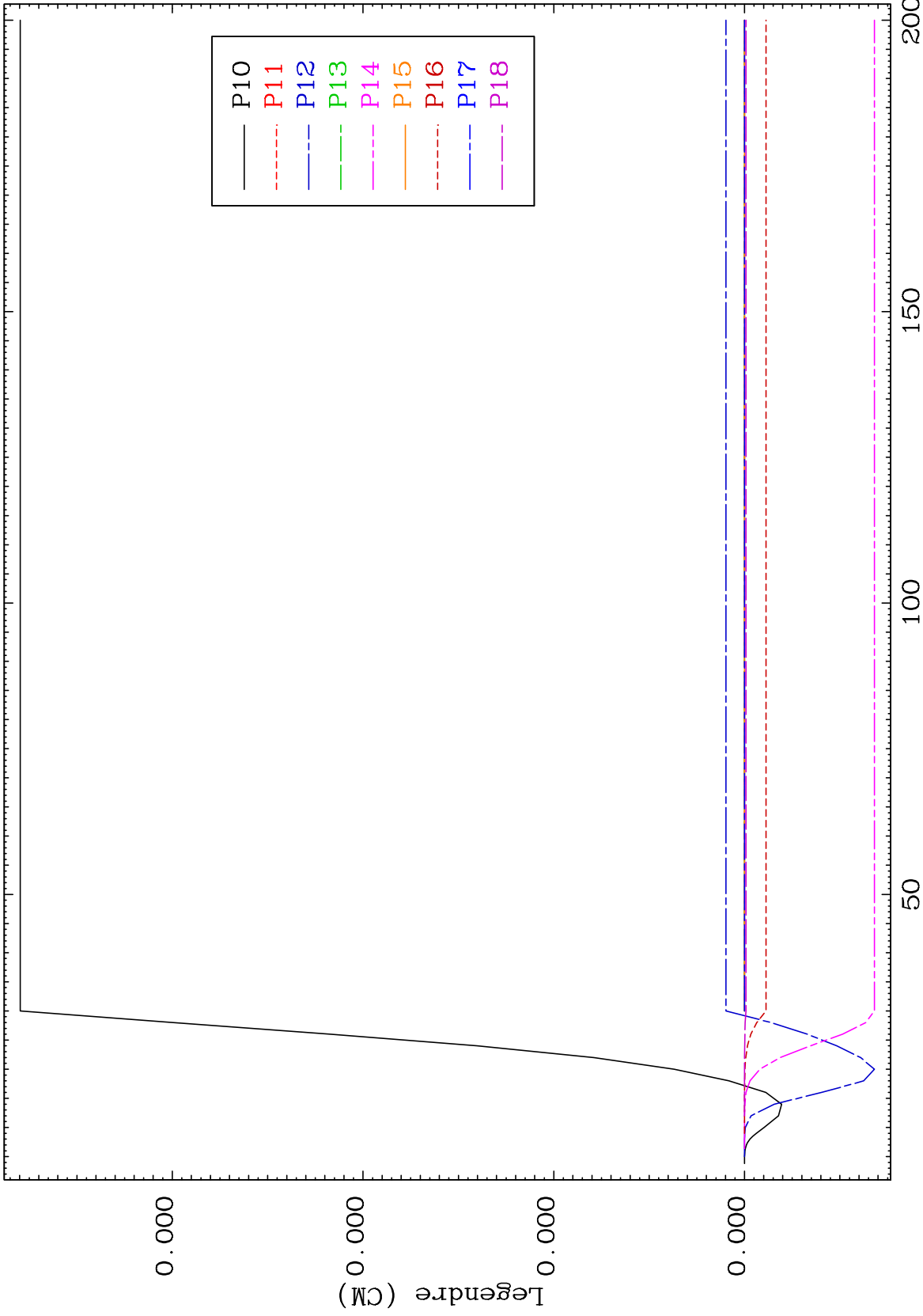
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



95

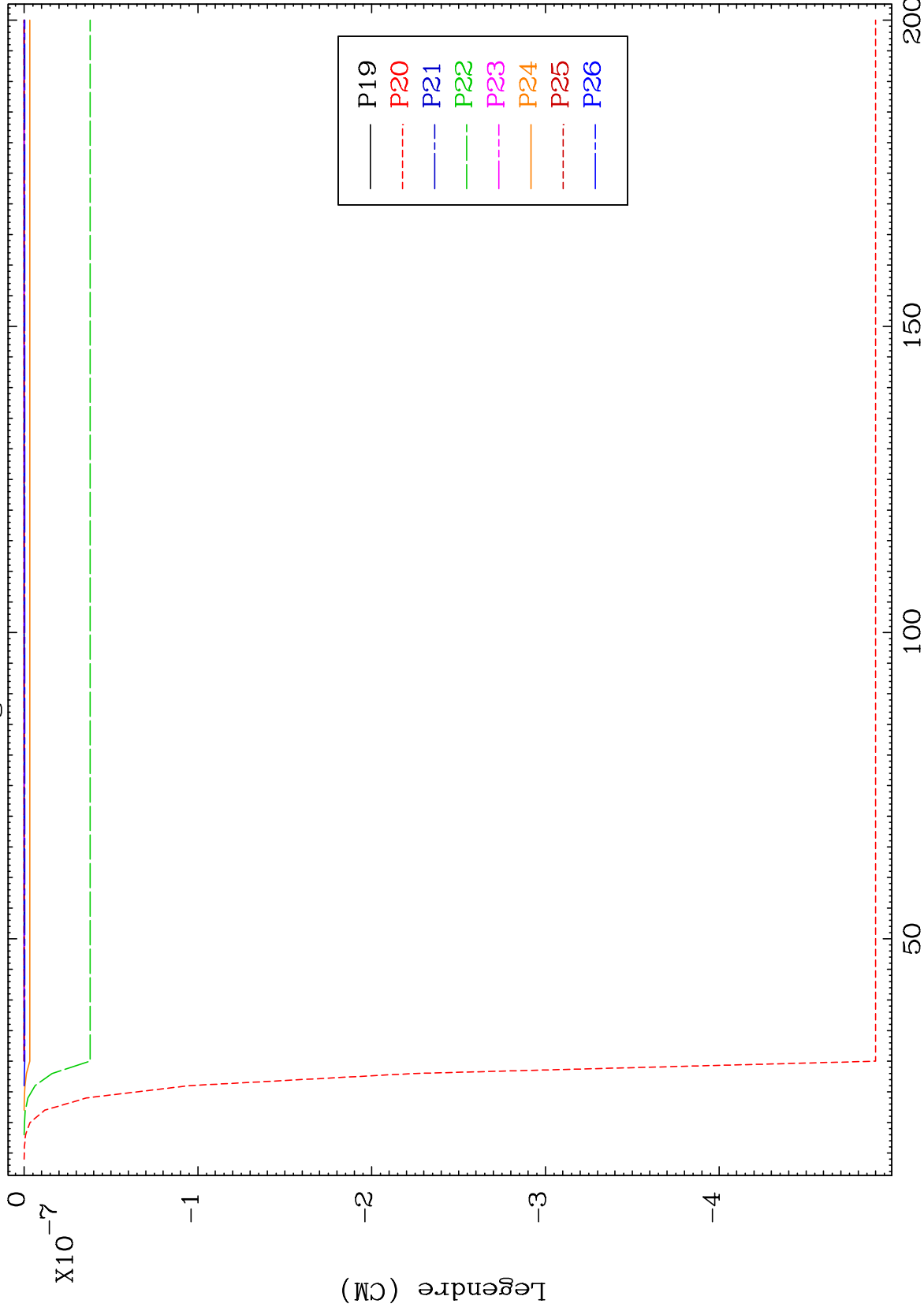
Incident Energy (MeV)

34-Se-72

MAT 3419

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

34-Se-72



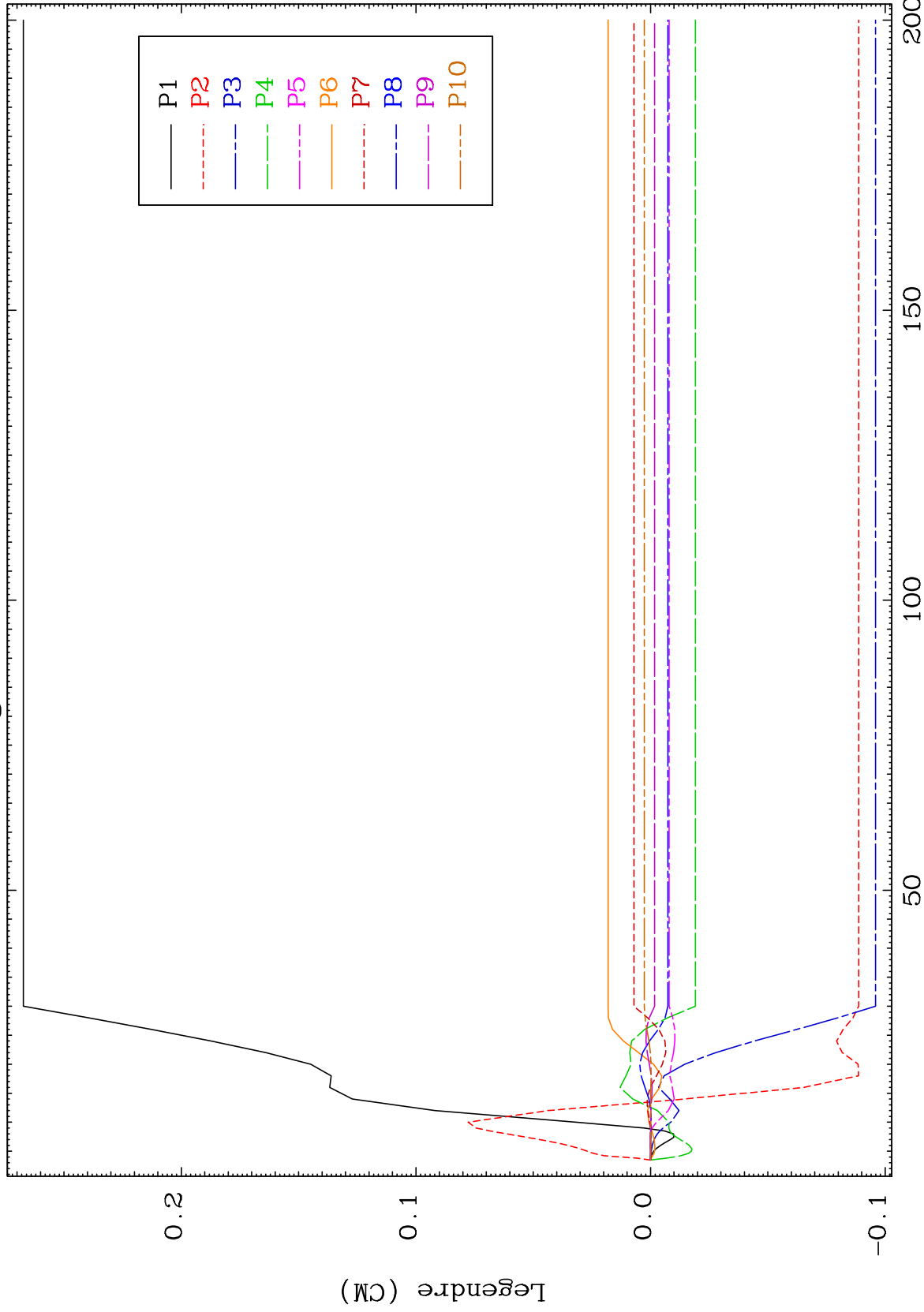
96

34-Se-72

MAT 3419

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

34-Se-72



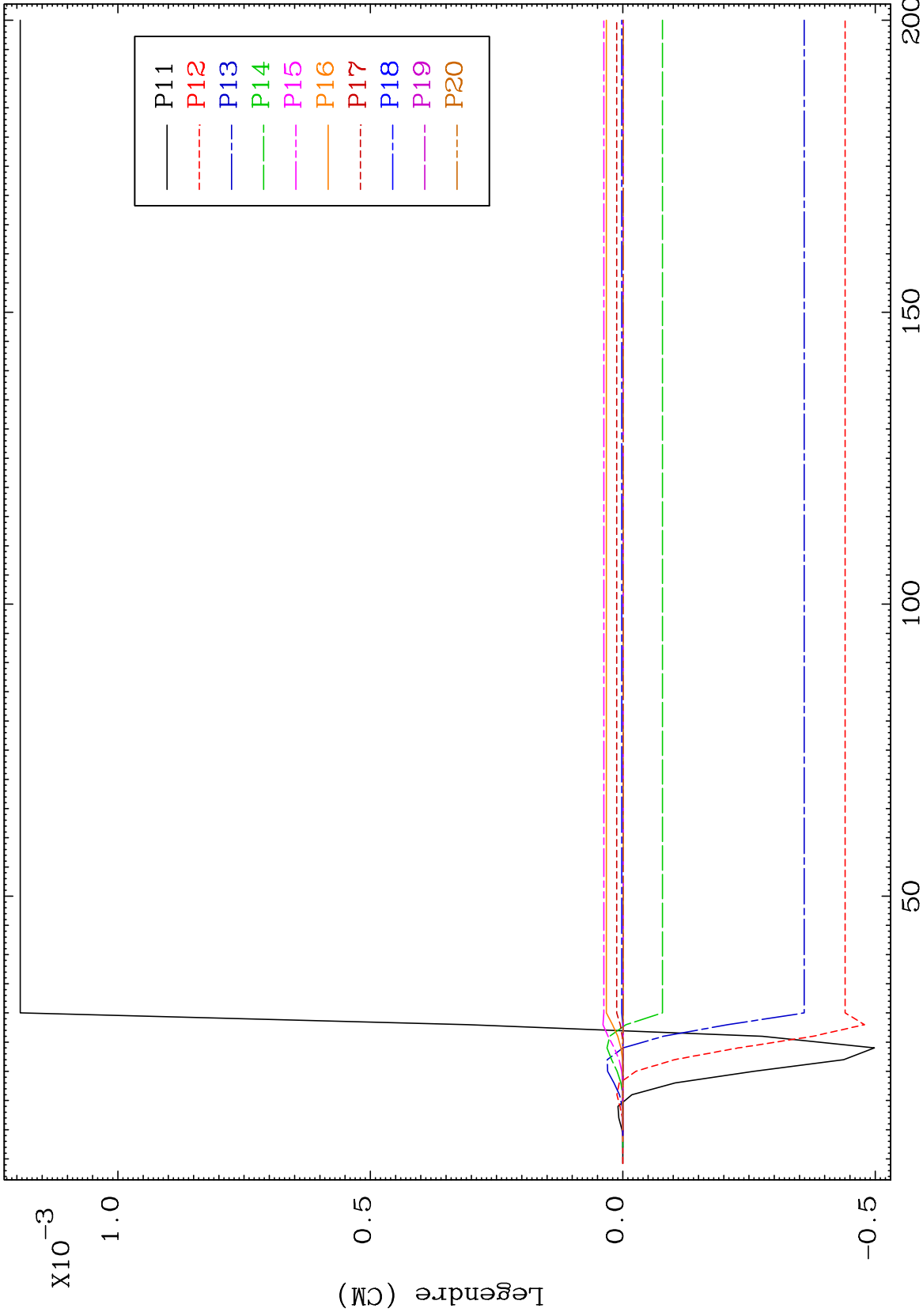
97

34-Se-72

MAT 3419

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

34-Se-72



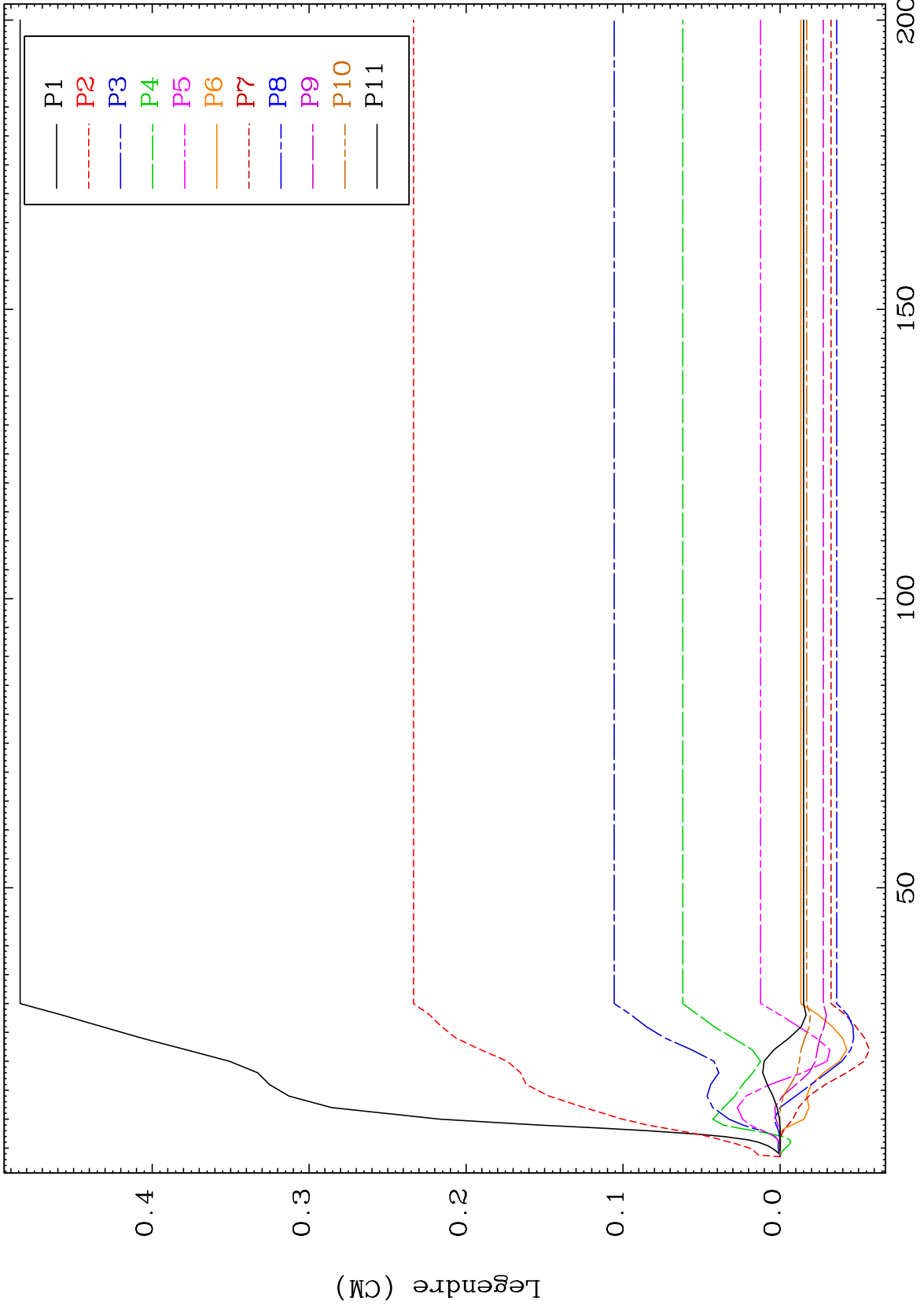
98

34-Se-72

MAT 3419

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

34-Se-72



34-Se-72

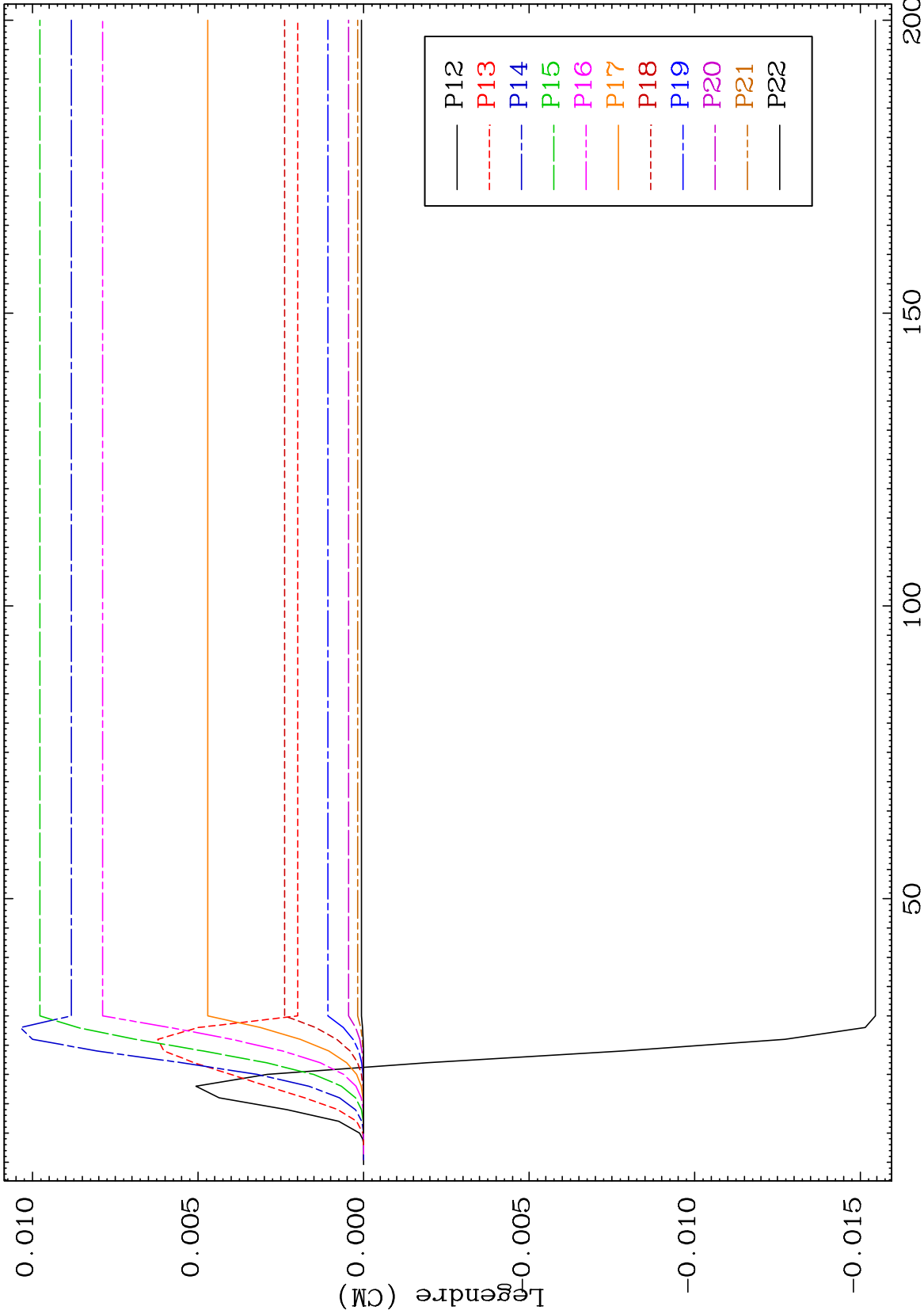
Incident Energy (MeV)

Legendre (CM)

MAT 3419

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

34-Se-72



101

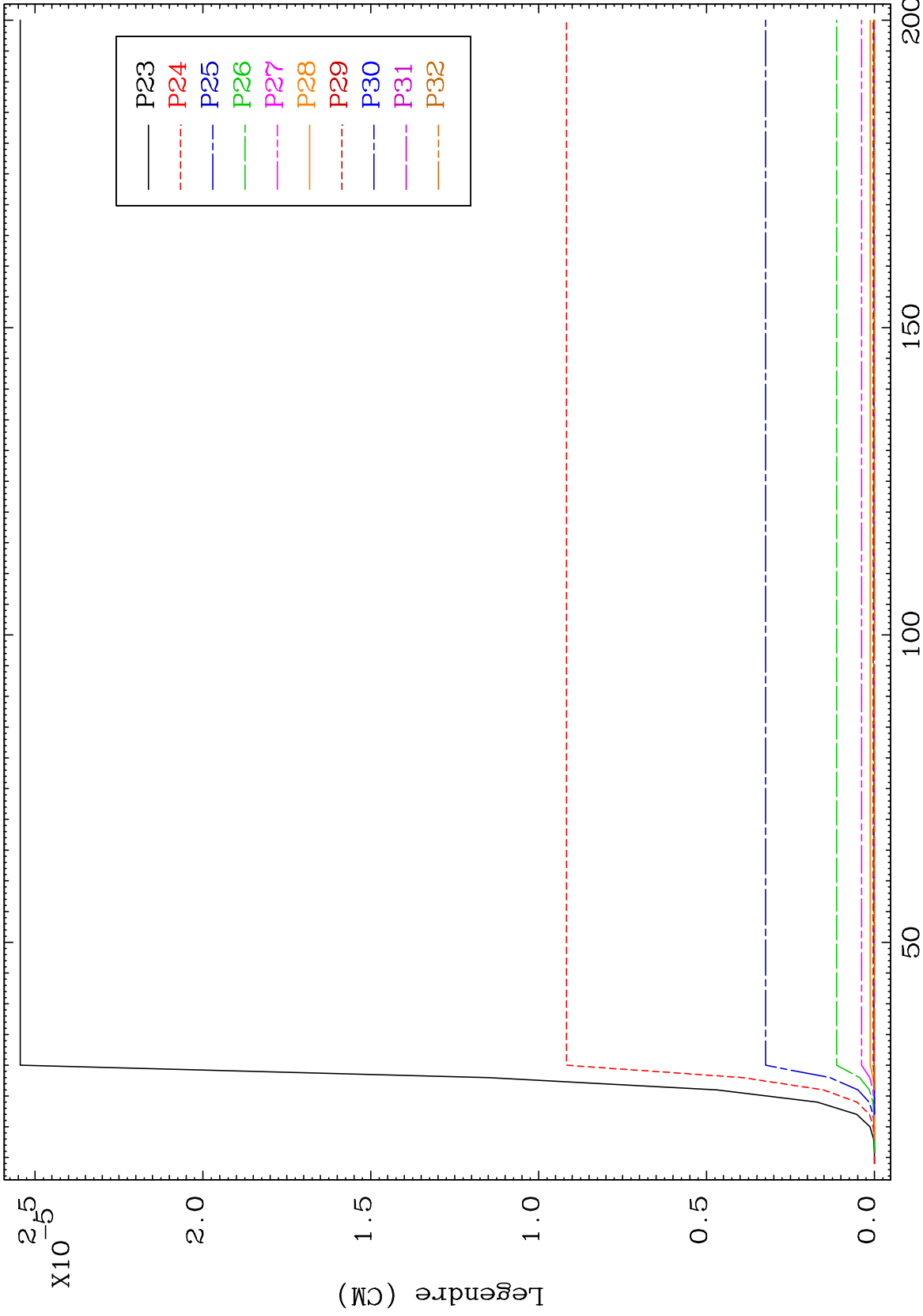
Incident Energy (MeV)

34-Se-72

MAT 3419

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

³⁴Se-72



102

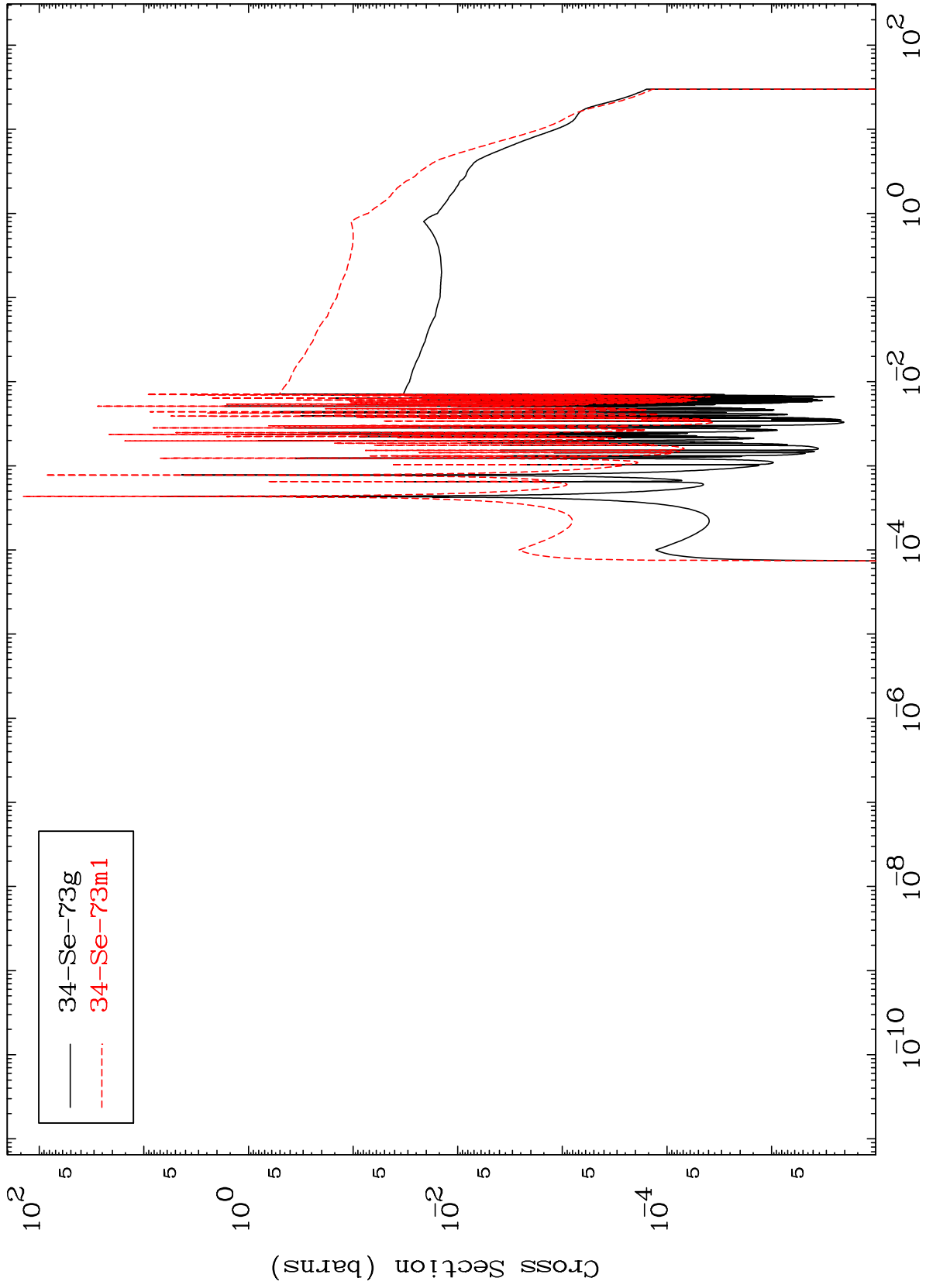
Incident Energy (MeV)

³⁴Se-72

MAT 3419

³⁴Se-72

Radionuclide Production Cross Section
(n,γ)



103

³⁴Se-72