

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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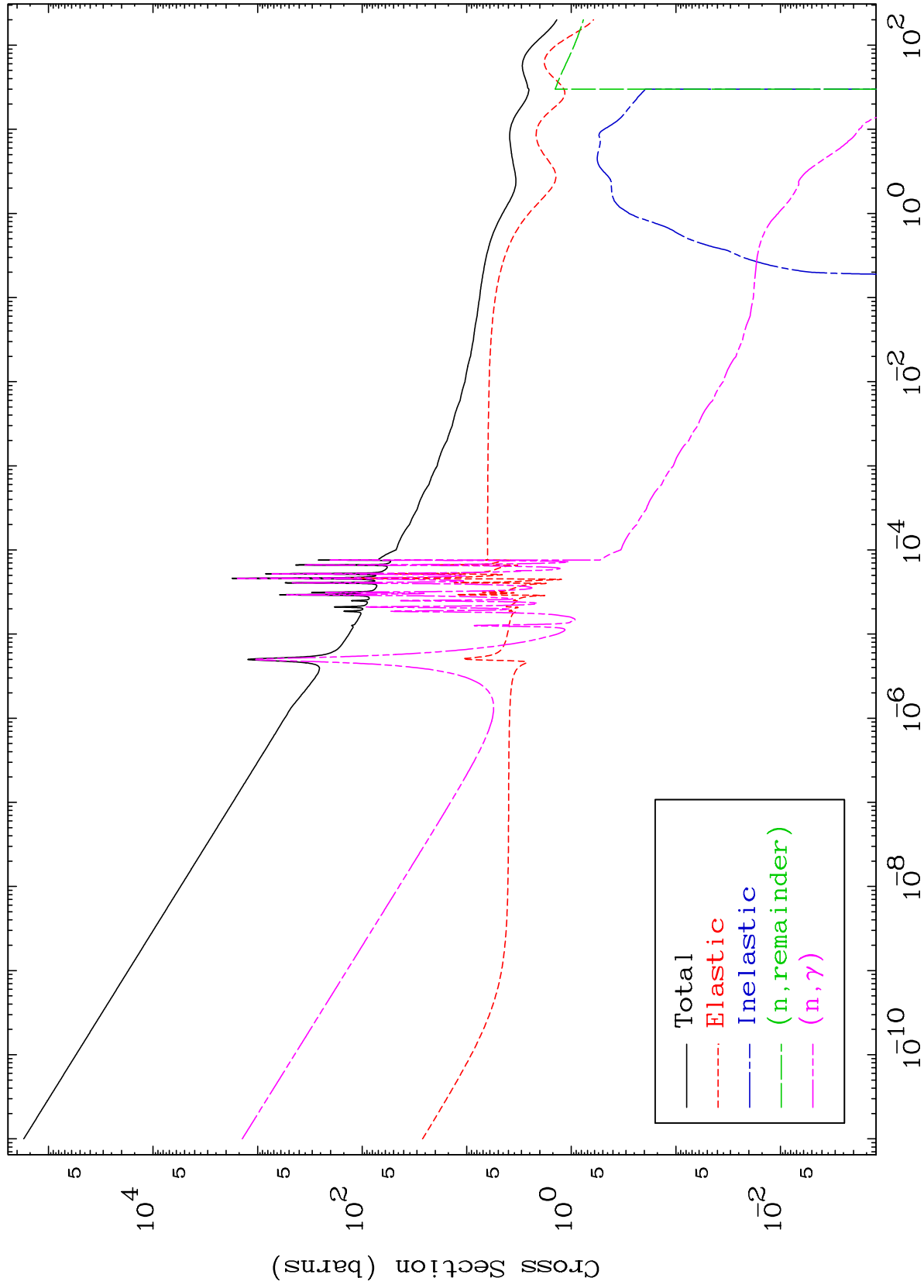
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3616

Major
293 Kelvin Cross Sections

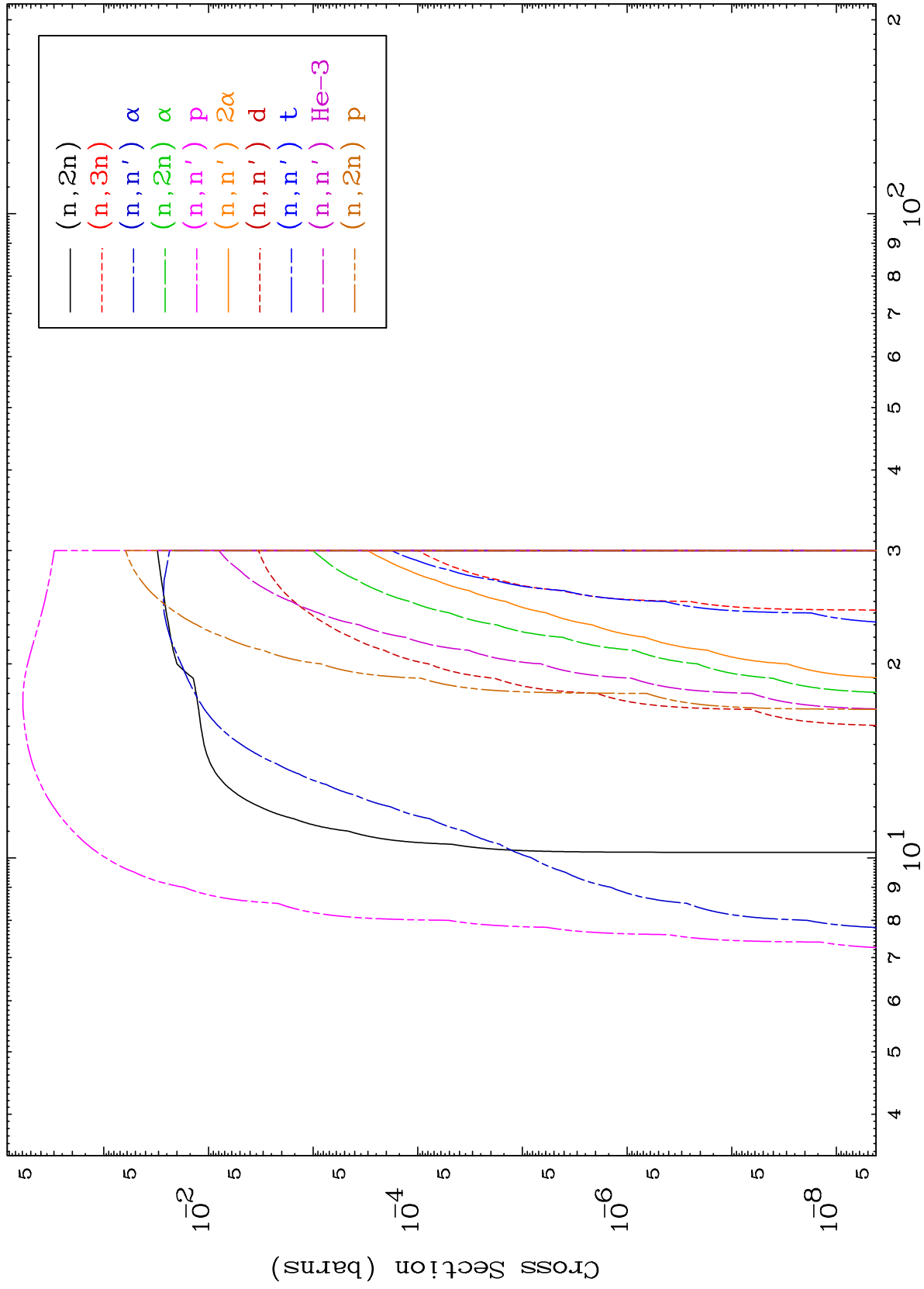
36-Kr-75



MAT 3616

Neutron Production
293 Kelvin Cross Sections

36-Kr-75



2

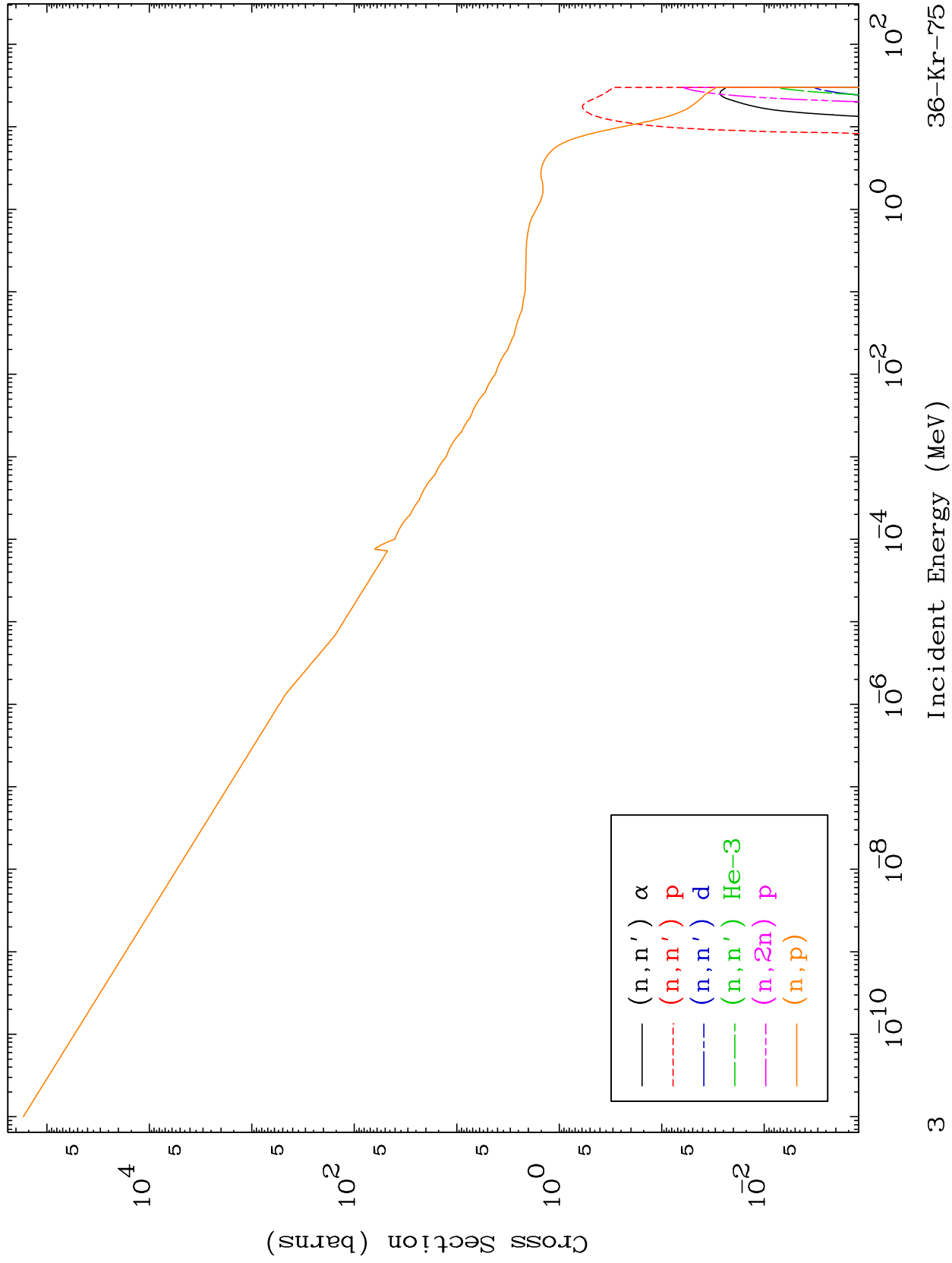
Incident Energy (MeV)

36-Kr-75

MAT 3616

Charged Particle
293 Kelvin Cross Sections

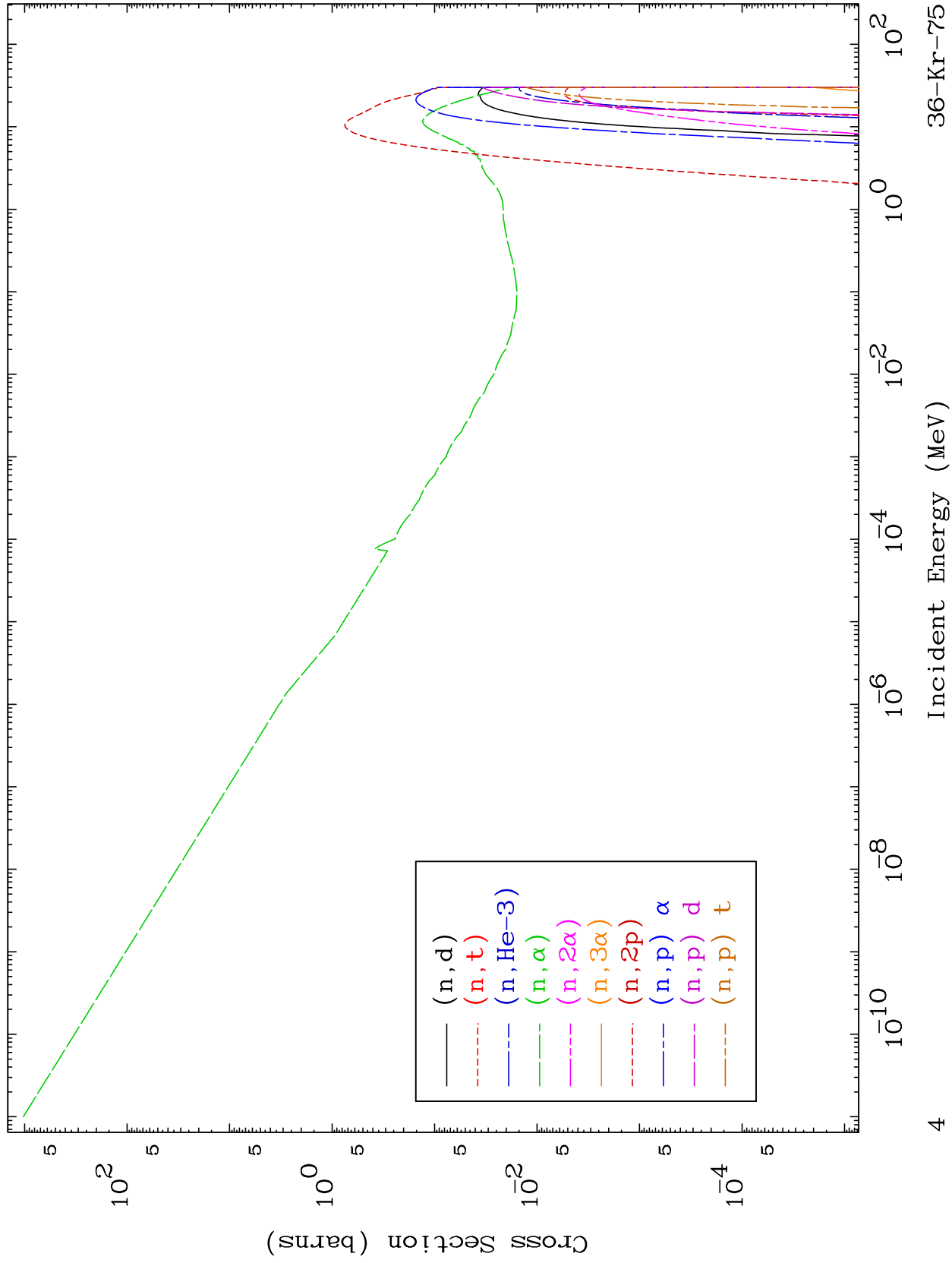
36-Kr-75



MAT 3616

293 Charged Particle
Kelvin Cross Sections

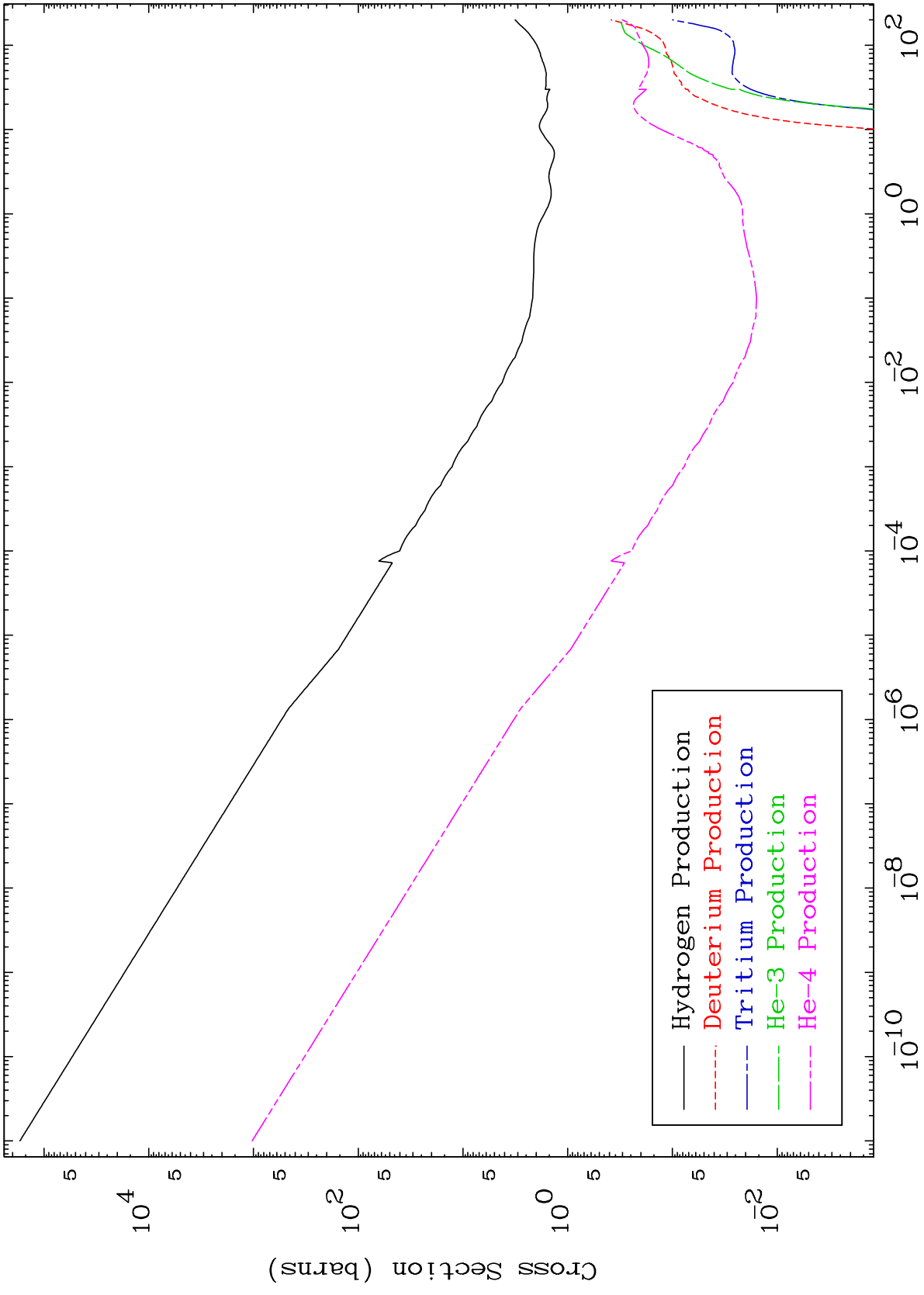
36-Kr-75



MAT 3616

Particle Production
293 Kelvin Cross Sections

36-Kr-75

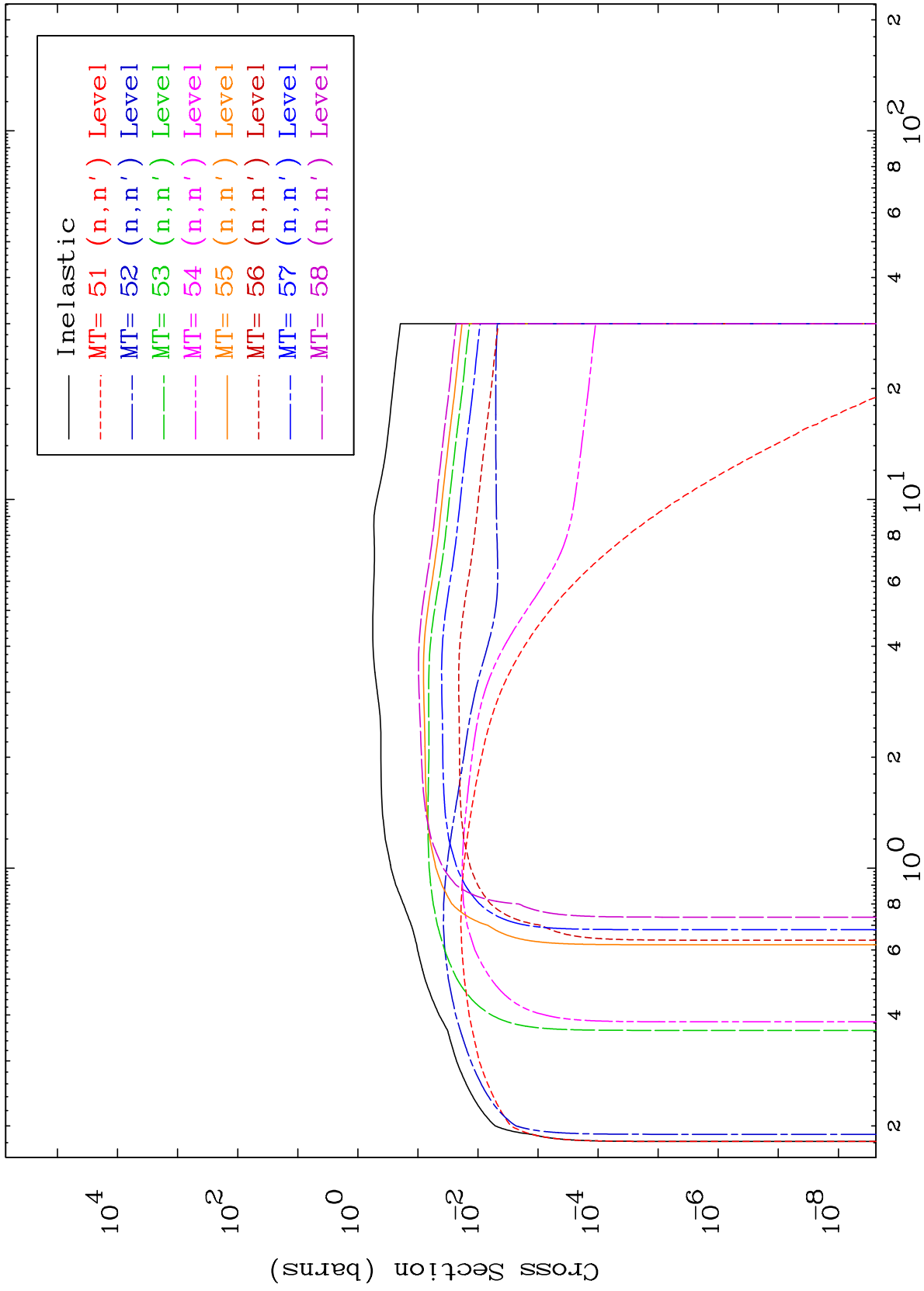


MAT 3616

(n,n') Level

36-Kr-75

293 Kelvin Cross Sections



6

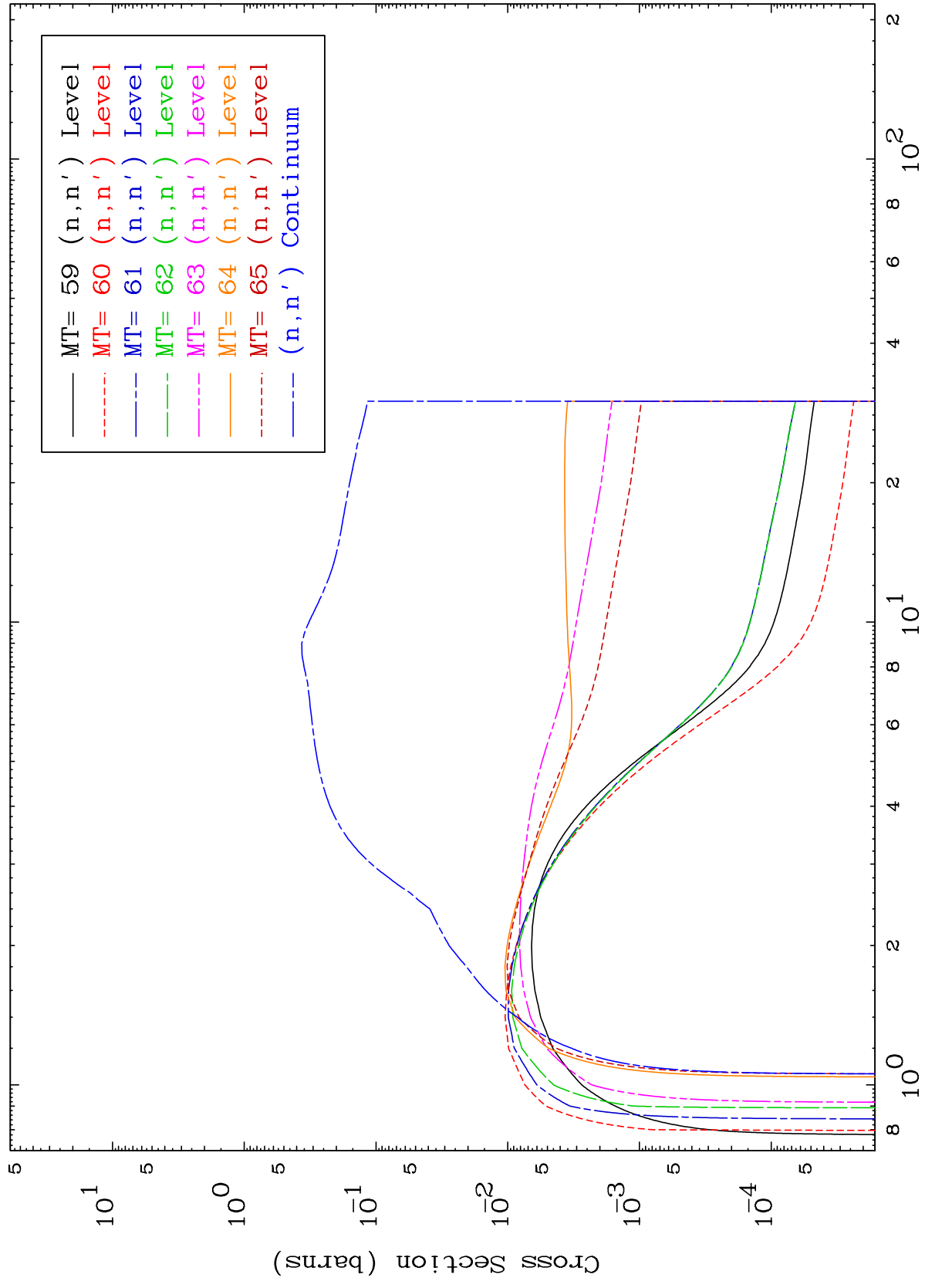
Incident Energy (MeV)

36-Kr-75

MAT 3616

(n,n') Level
293 Kelvin Cross Sections

36-Kr-75



7

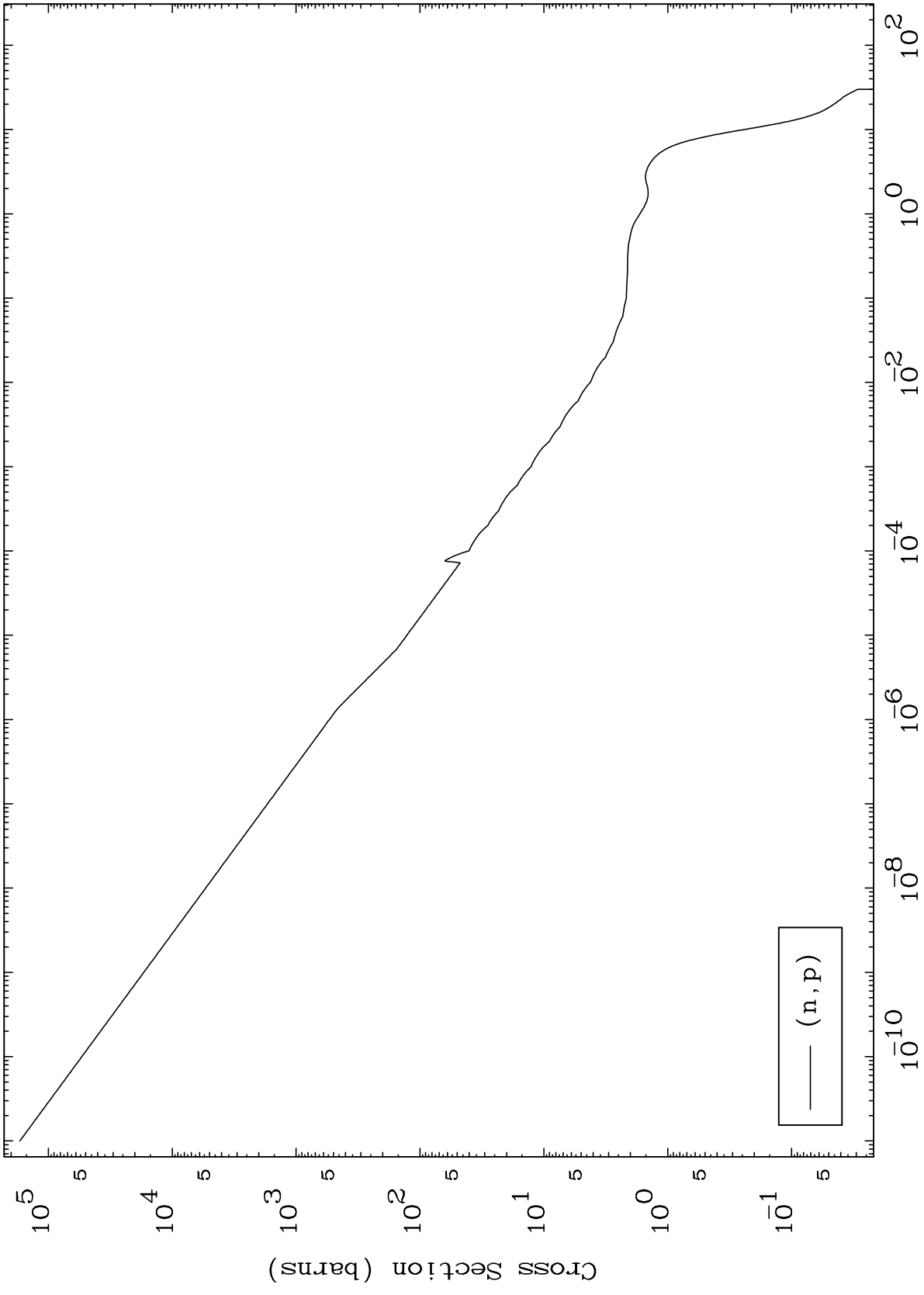
Incident Energy (MeV)

36-Kr-75

MAT 3616

(n,p) Levels
293 Kelvin Cross Sections

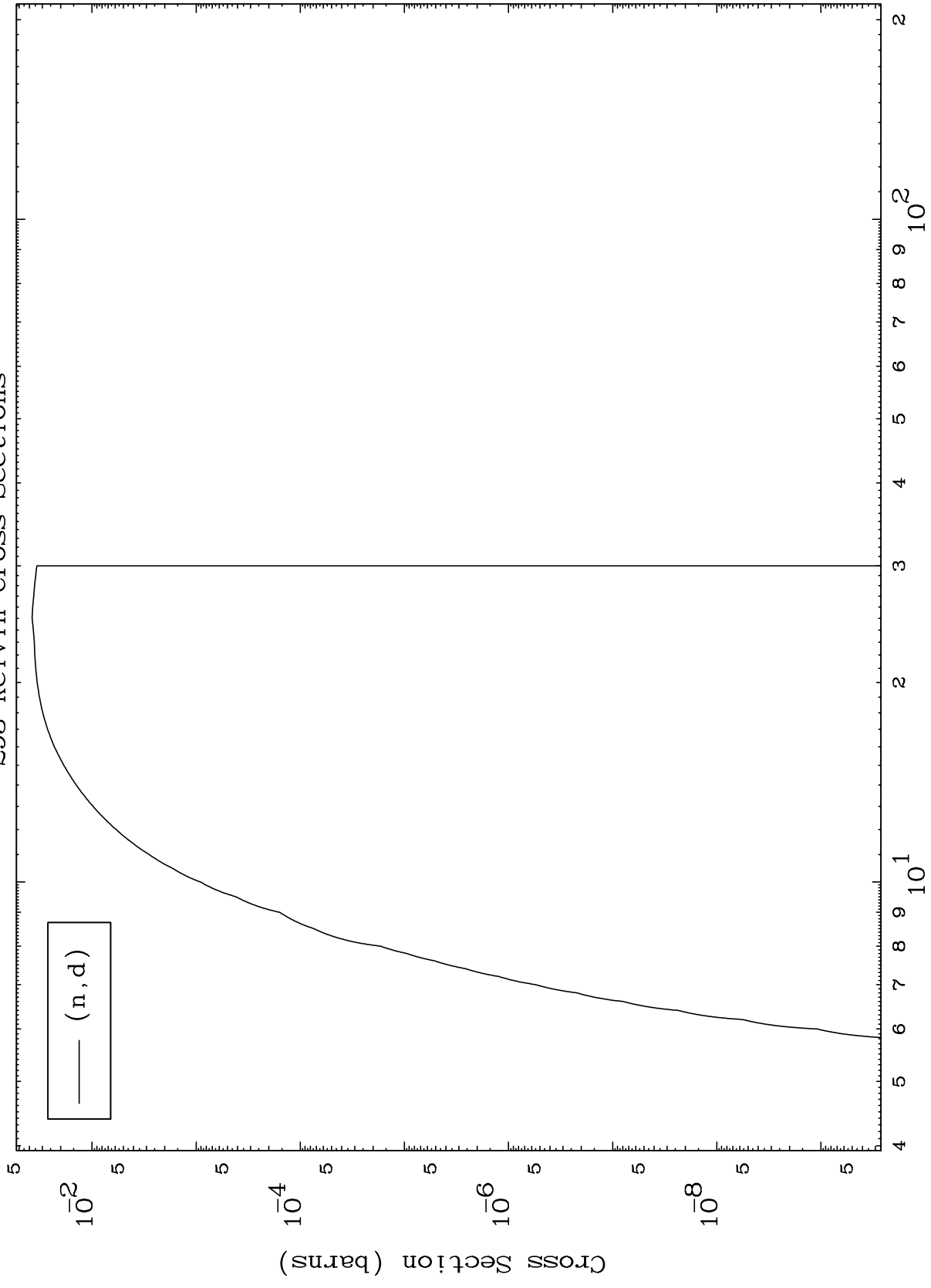
36-Kr-75



MAT 3616

(n,d) Levels
293 Kelvin Cross Sections

36-Kr-75



9

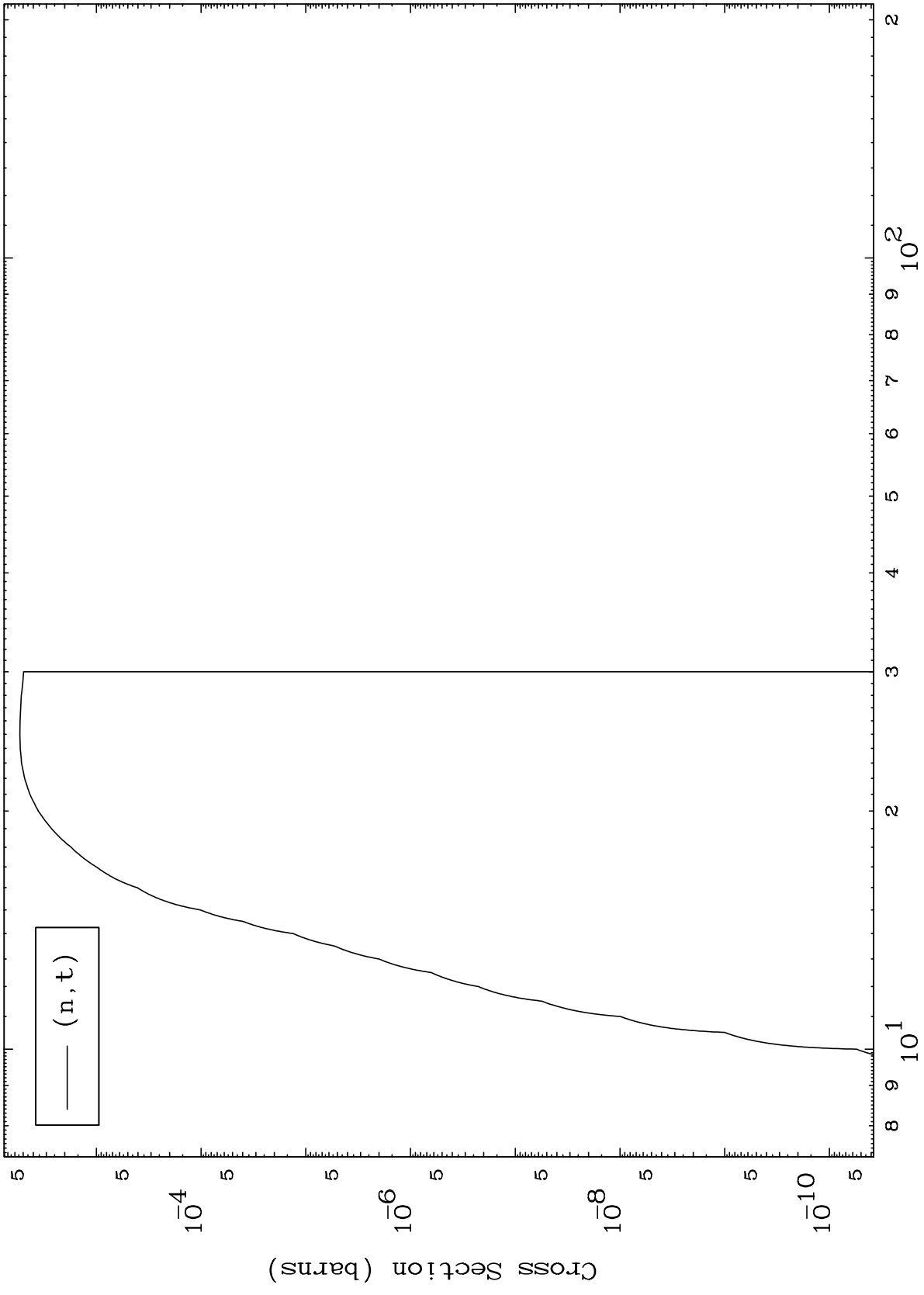
Incident Energy (MeV)

36-Kr-75

MAT 3616

(n,t) Levels
293 Kelvin Cross Sections

36-Kr-75



10

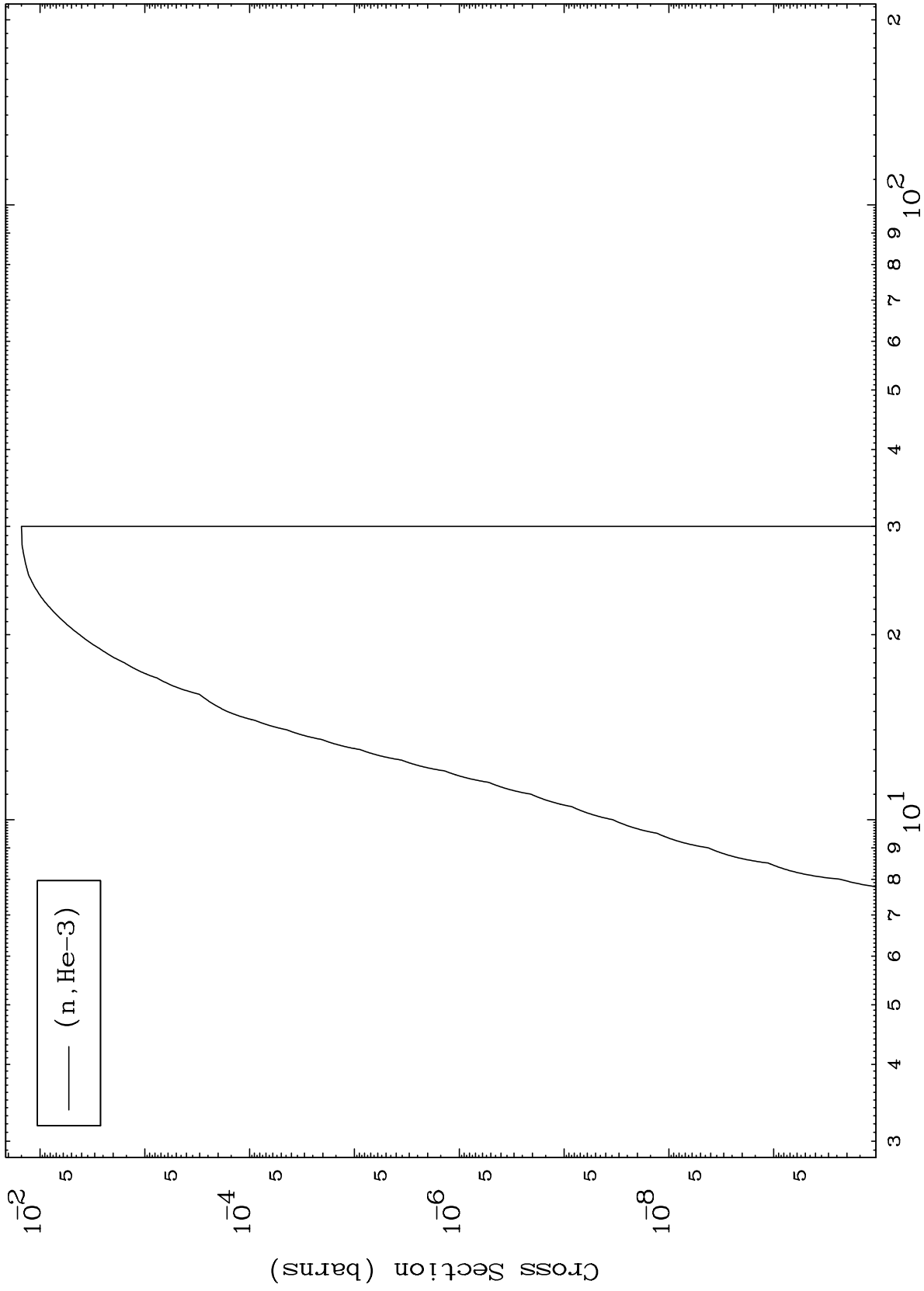
Incident Energy (MeV)

36-Kr-75

MAT 3616

(n,He3) Levels
293 Kelvin Cross Sections

36-Kr-75



11

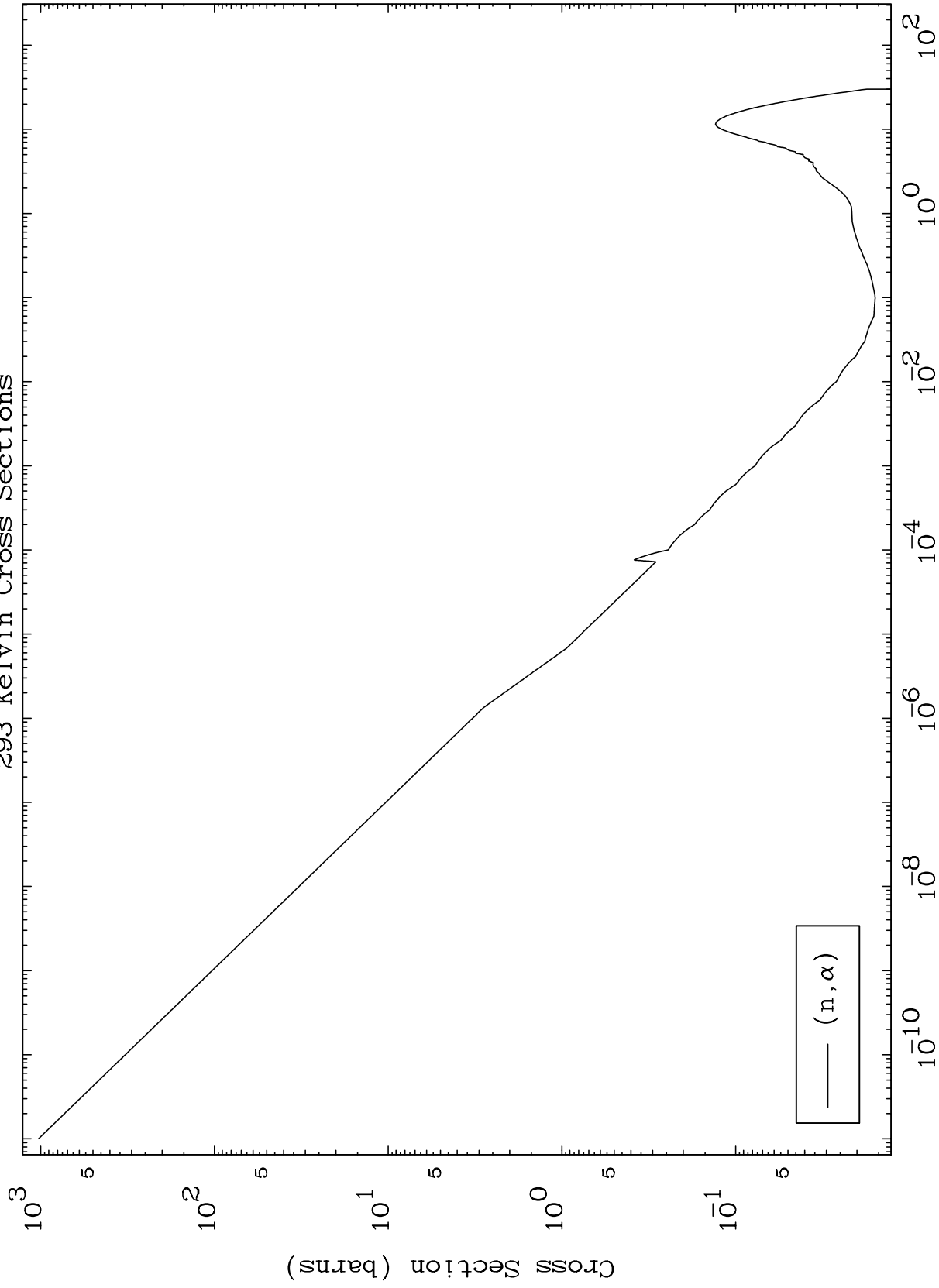
Incident Energy (MeV)

36-Kr-75

MAT 3616

(n, α) Levels
293 Kelvin Cross Sections

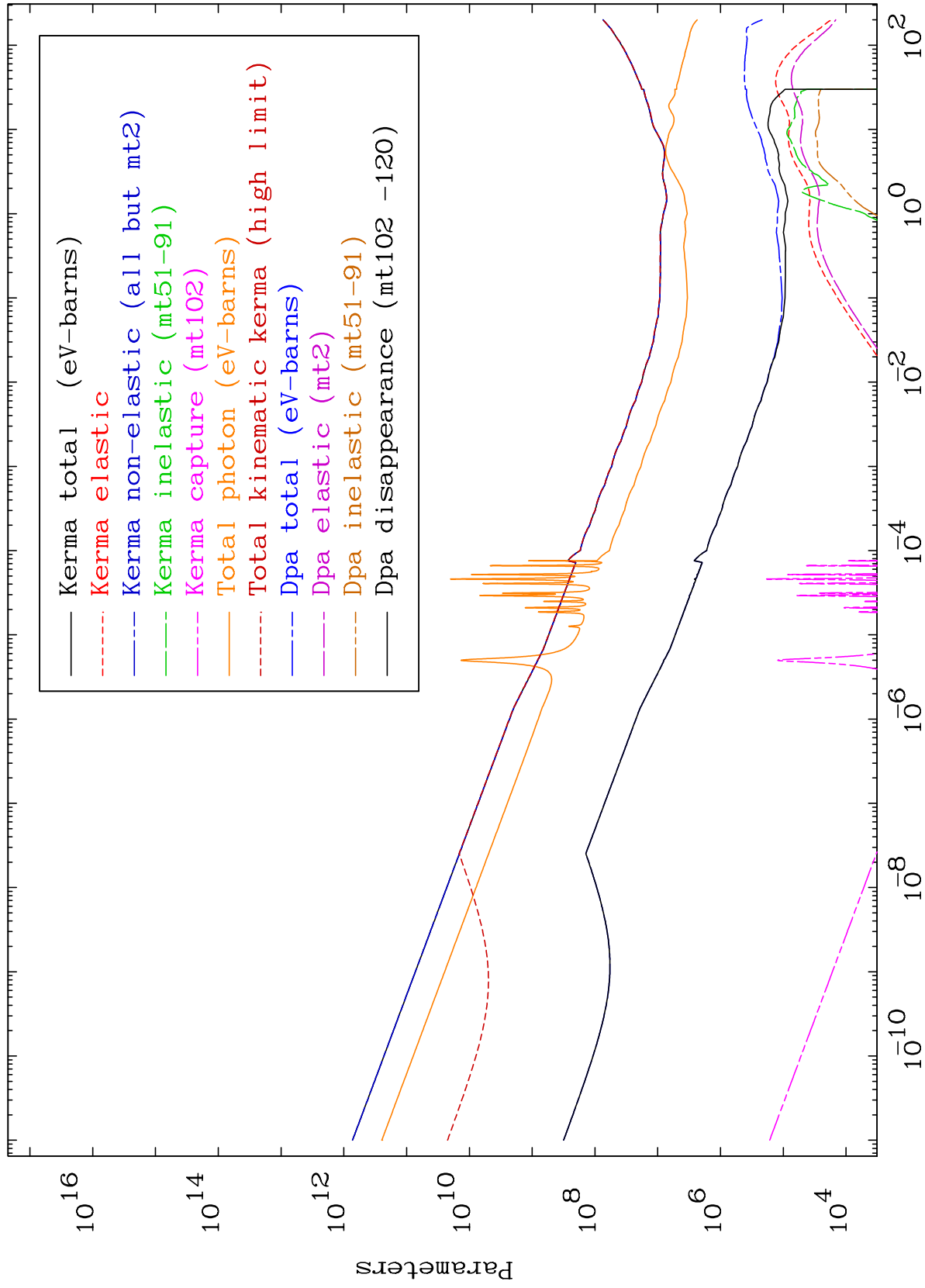
36-Kr-75



12

Incident Energy (MeV)

36-Kr-75



MAT 3616

Elastic Legendre Coefficients

³⁶Kr-75



14

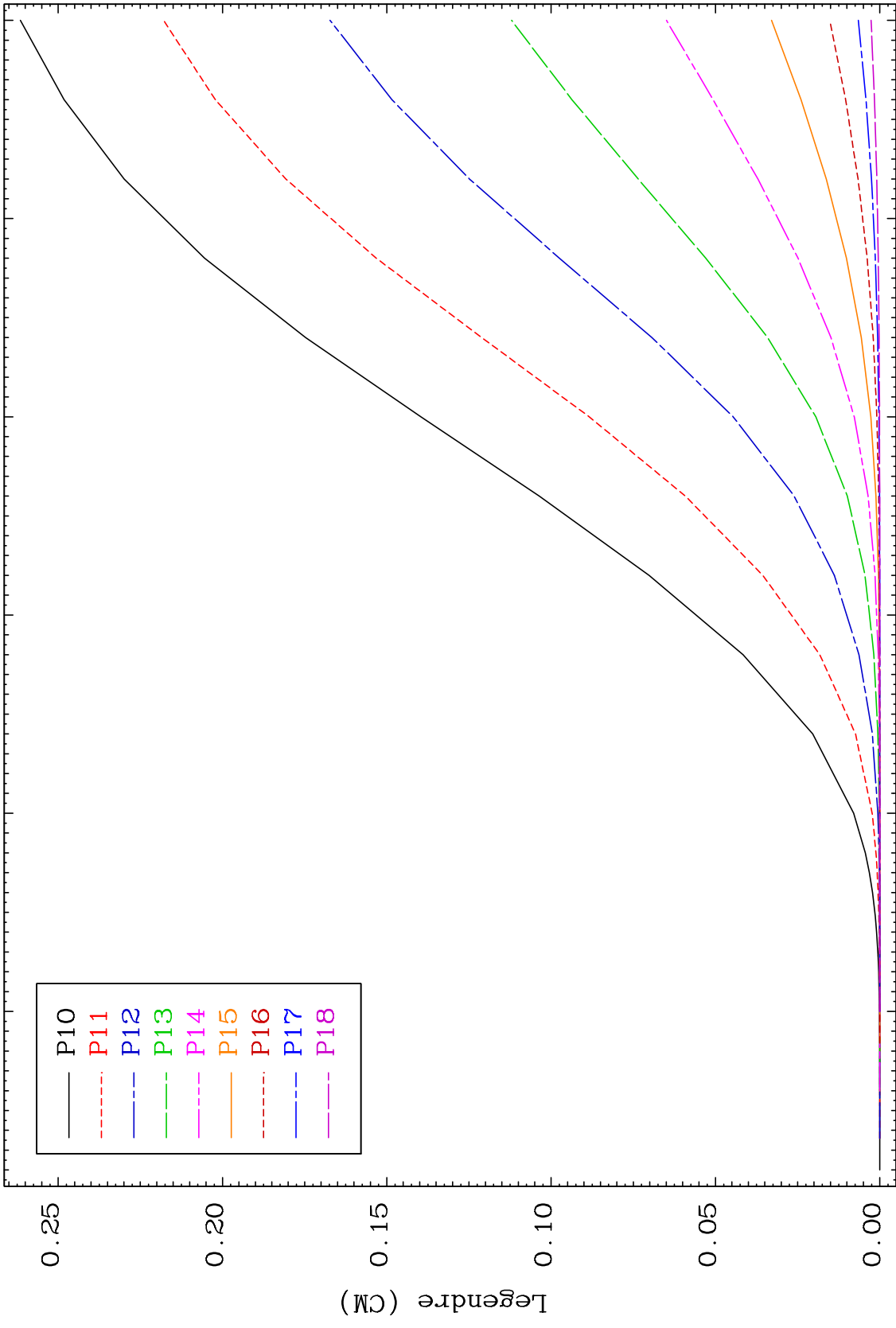
Incident Energy (MeV)

³⁶Kr-75

MAT 3616

Elastic Legendre Coefficients

³⁶Kr-75



15

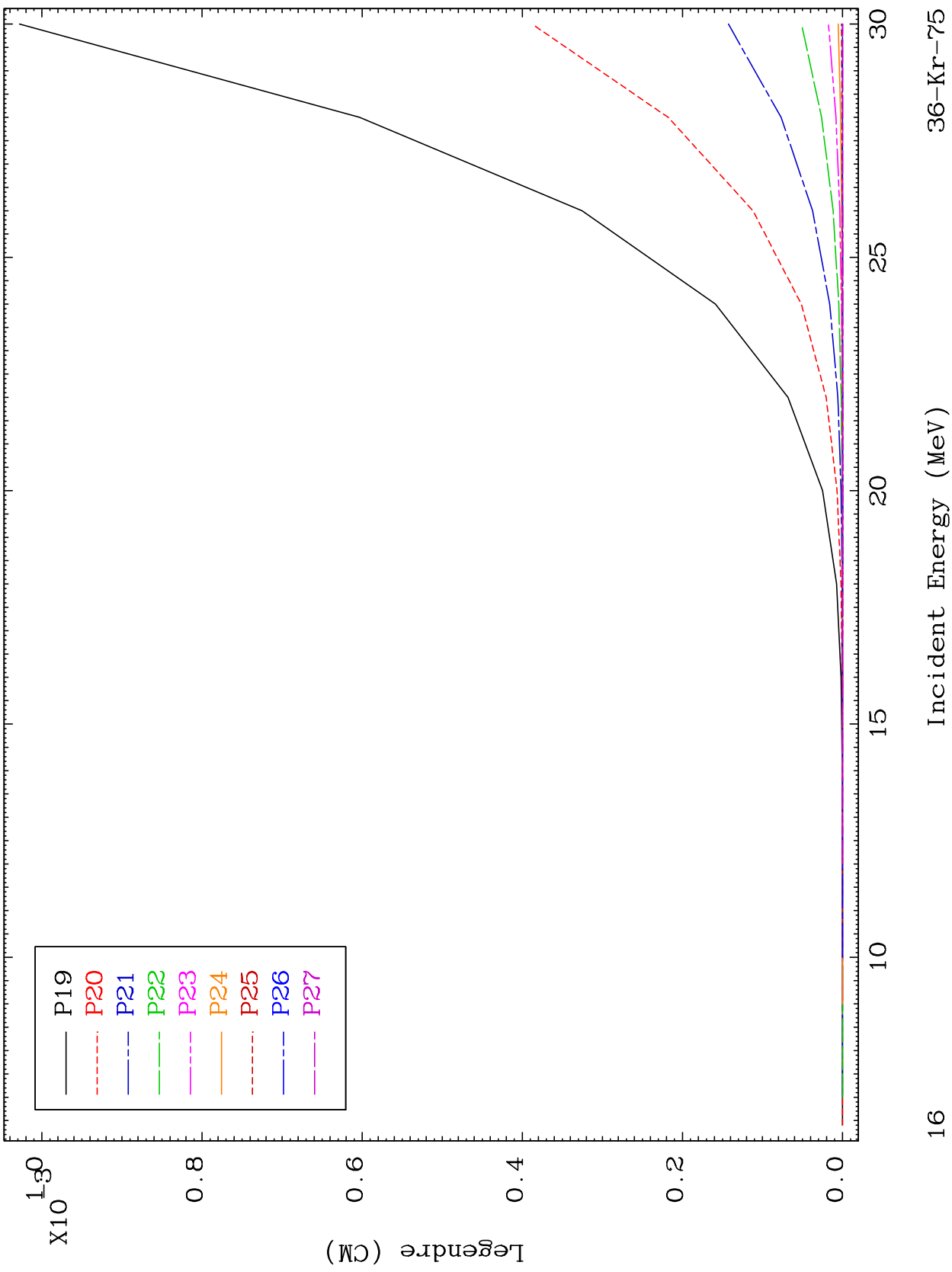
Incident Energy (MeV)

³⁶Kr-75

MAT 3616

Elastic
Legendre Coefficients

36-Kr-75



16

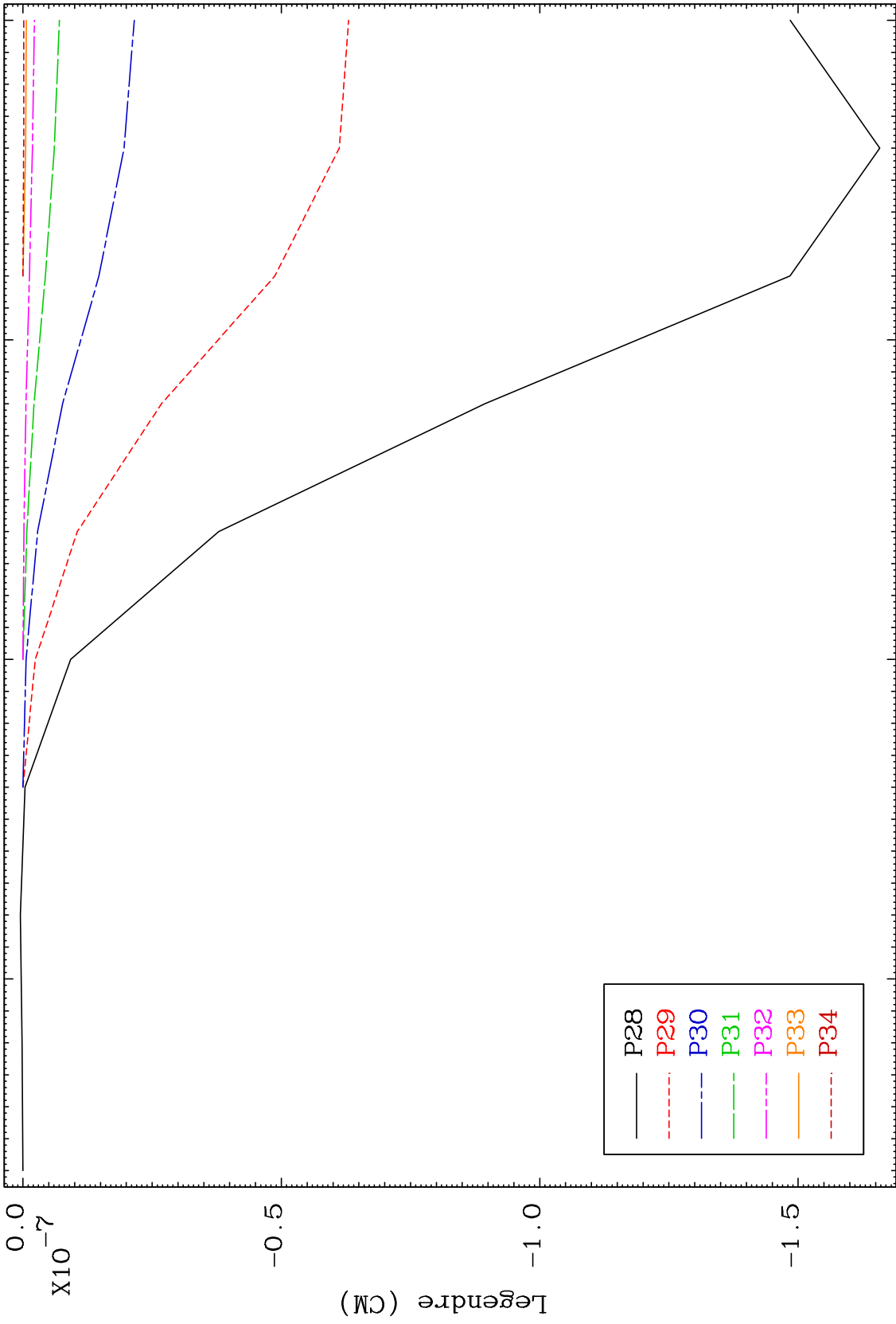
Incident Energy (MeV)

36-Kr-75

MAT 3616

36-Kr-75

Elastic
Legendre Coefficients

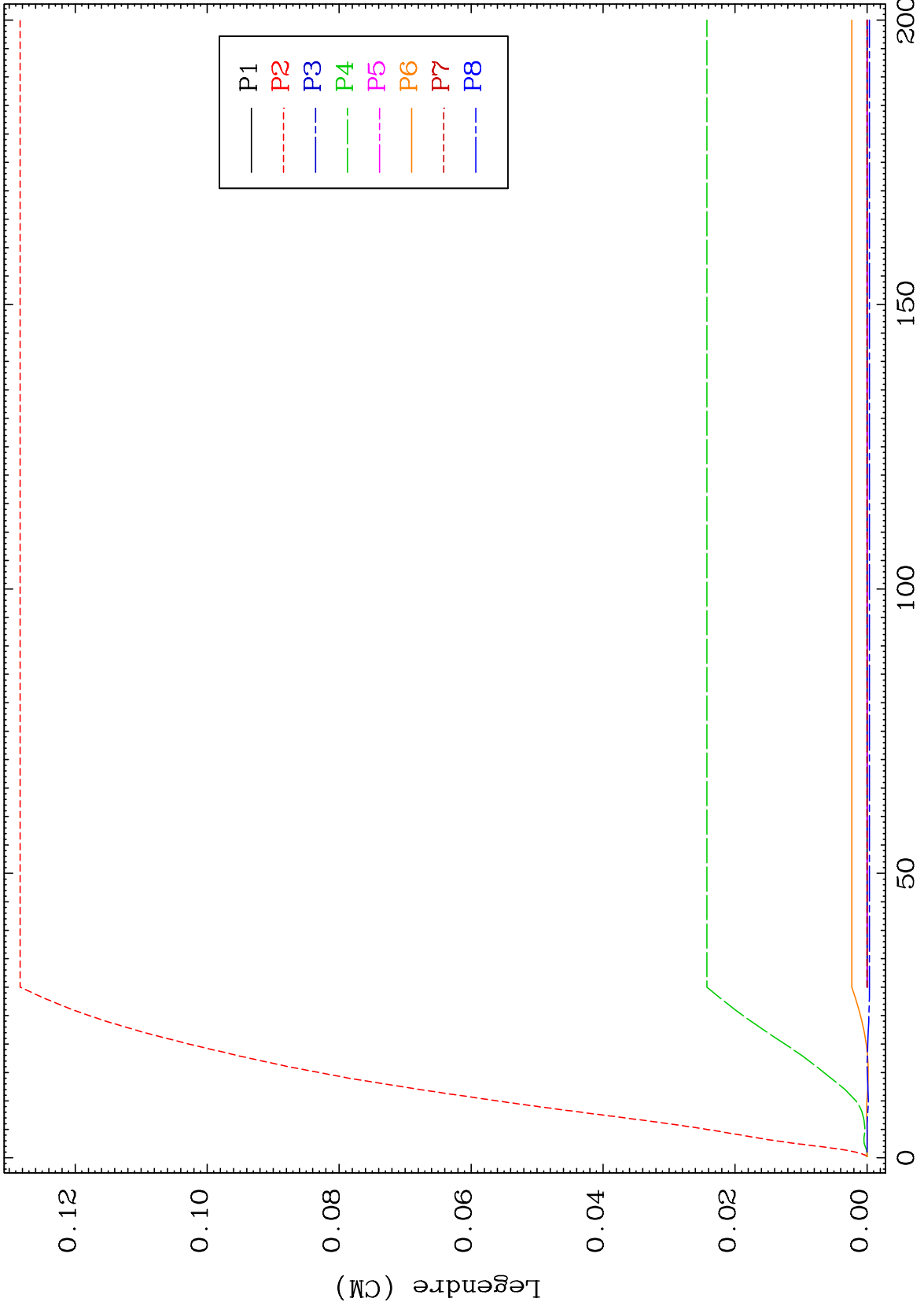


17

Incident Energy (MeV)

36-Kr-75

MAT 3616 MT= 51 (n,n') Level Legendre Coefficients 36-Kr-75

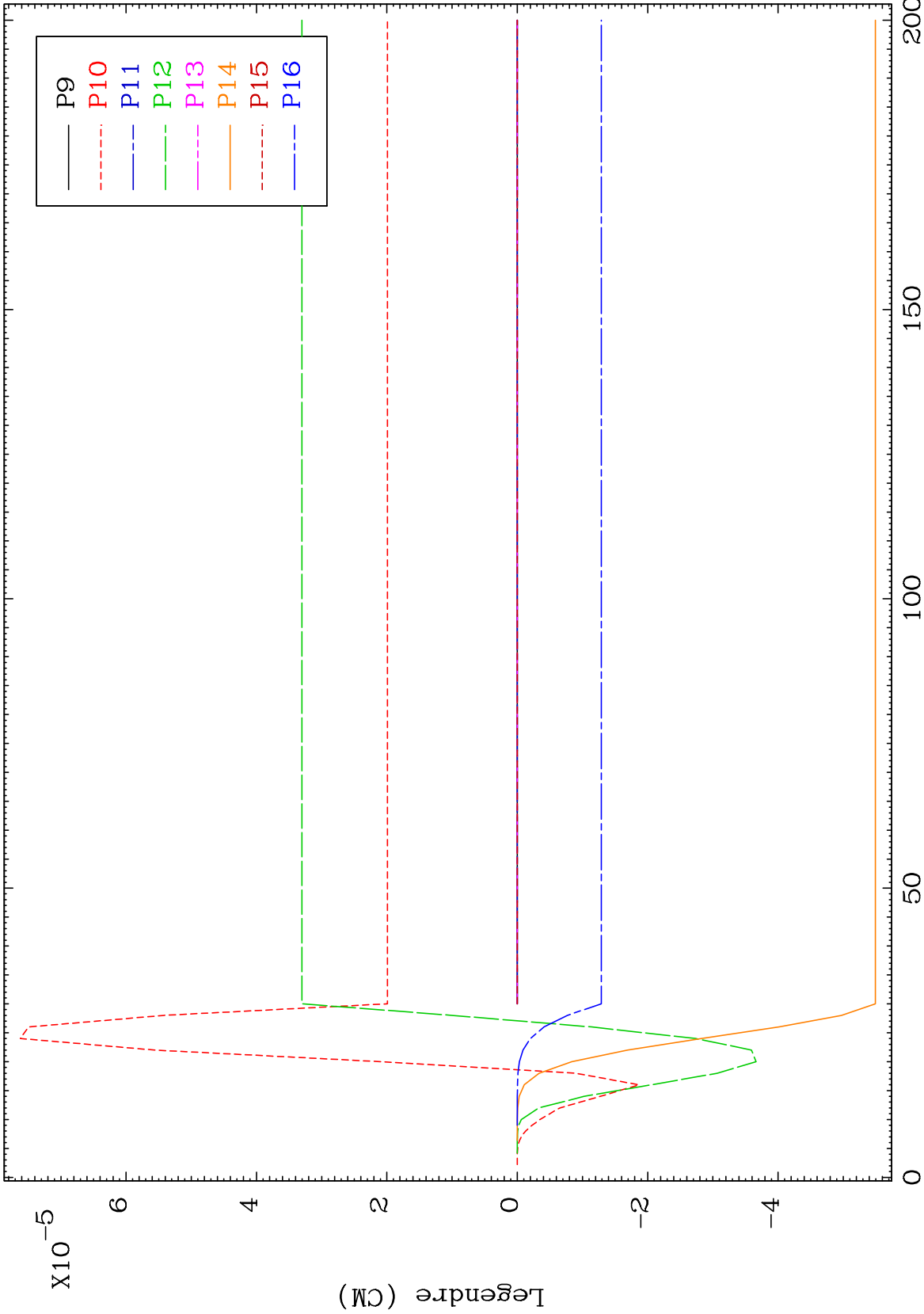


18 Incident Energy (MeV) 36-Kr-75

MAT 3616

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

36-Kr-75



19

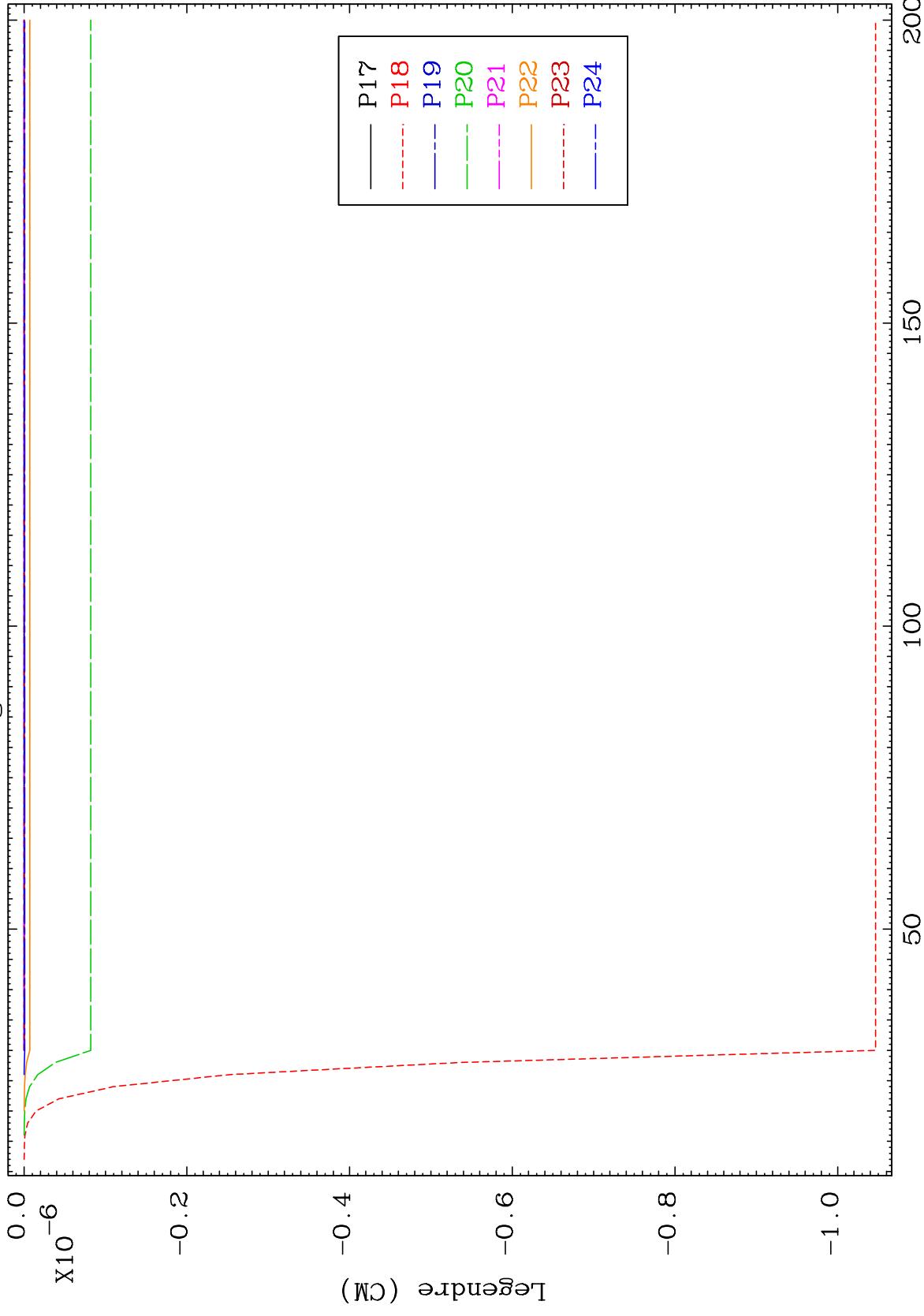
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



36-Kr-75

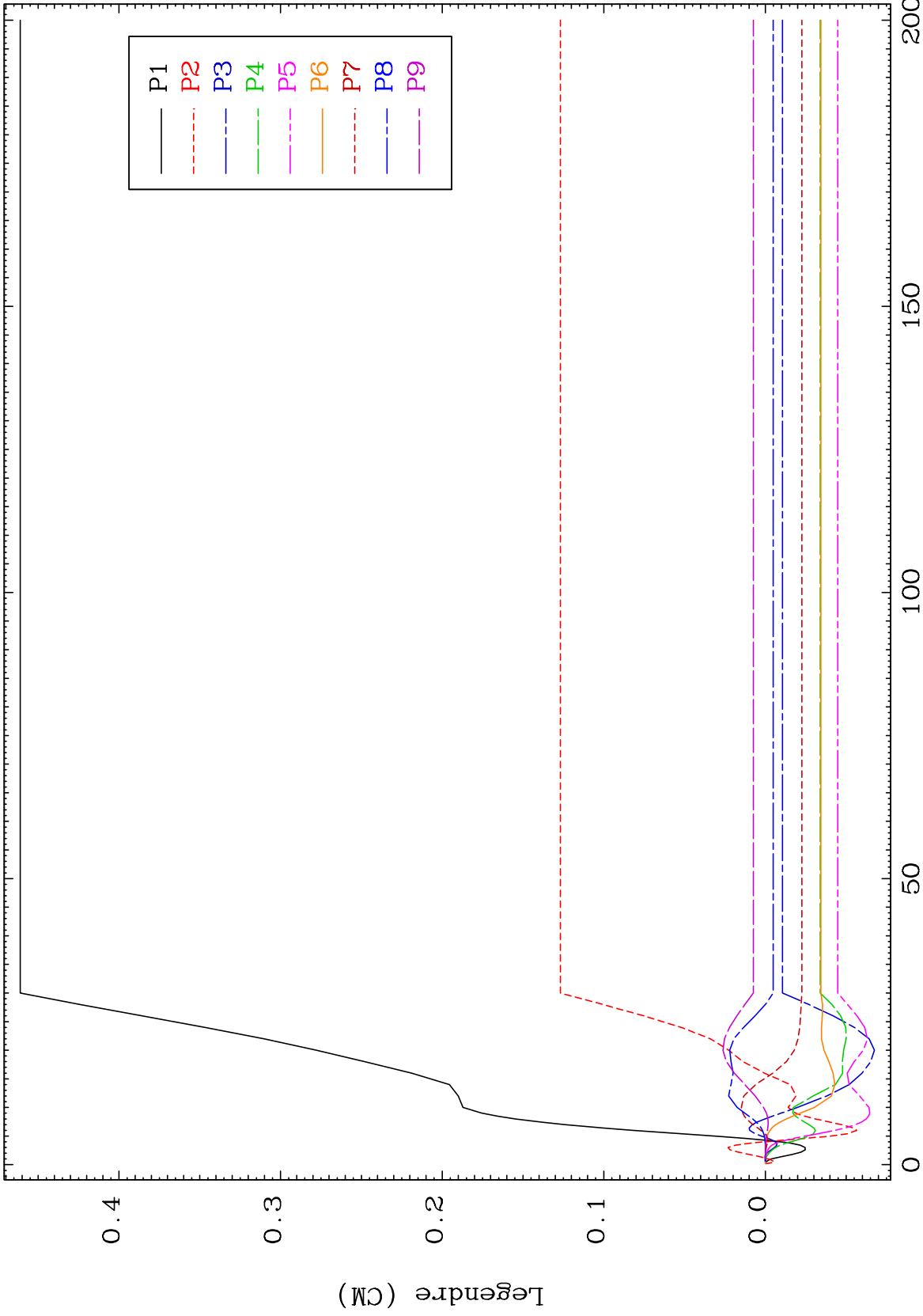
Incident Energy (MeV)

20

MAT 3616

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

36-Kr-75

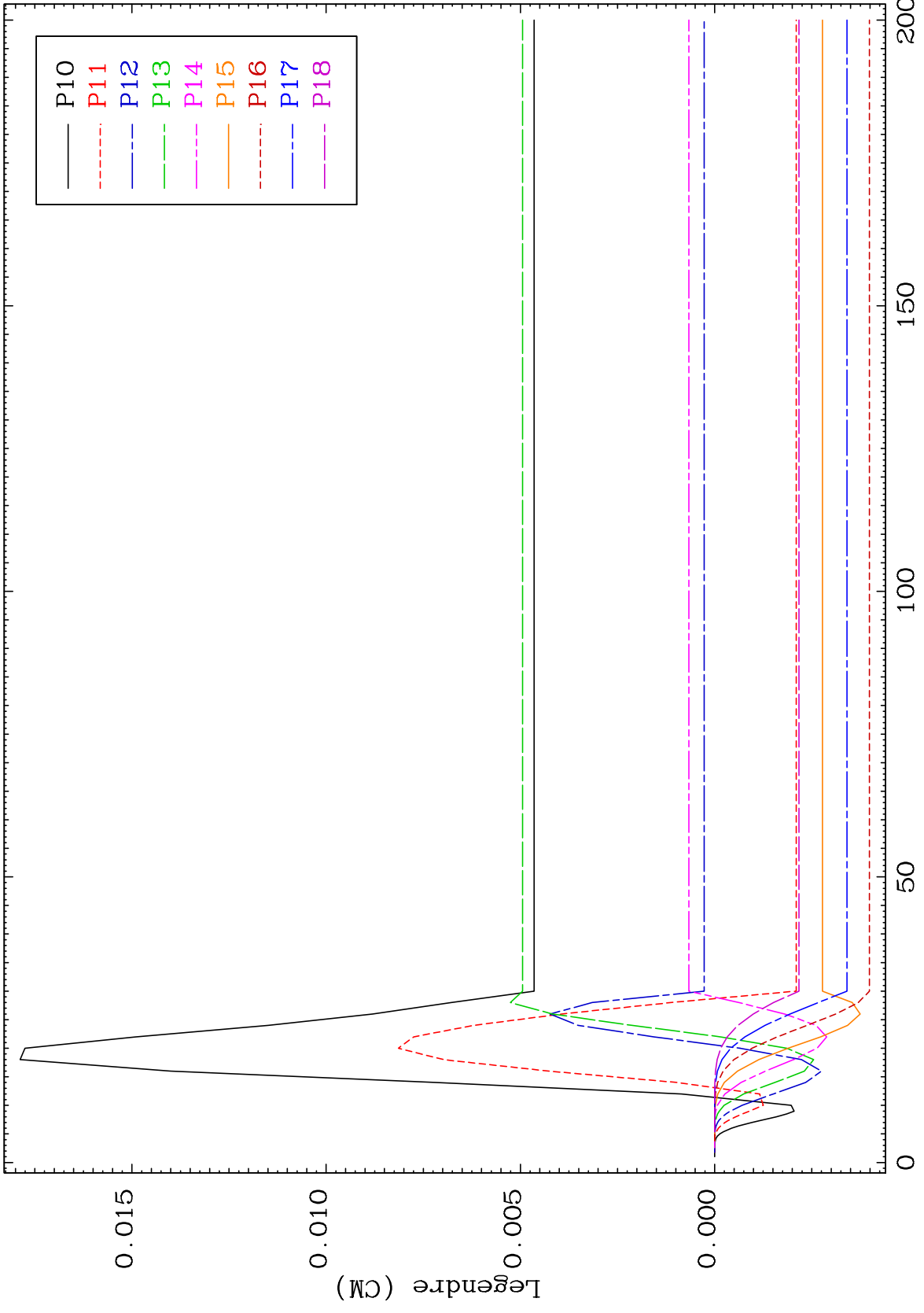


21

Incident Energy (MeV)

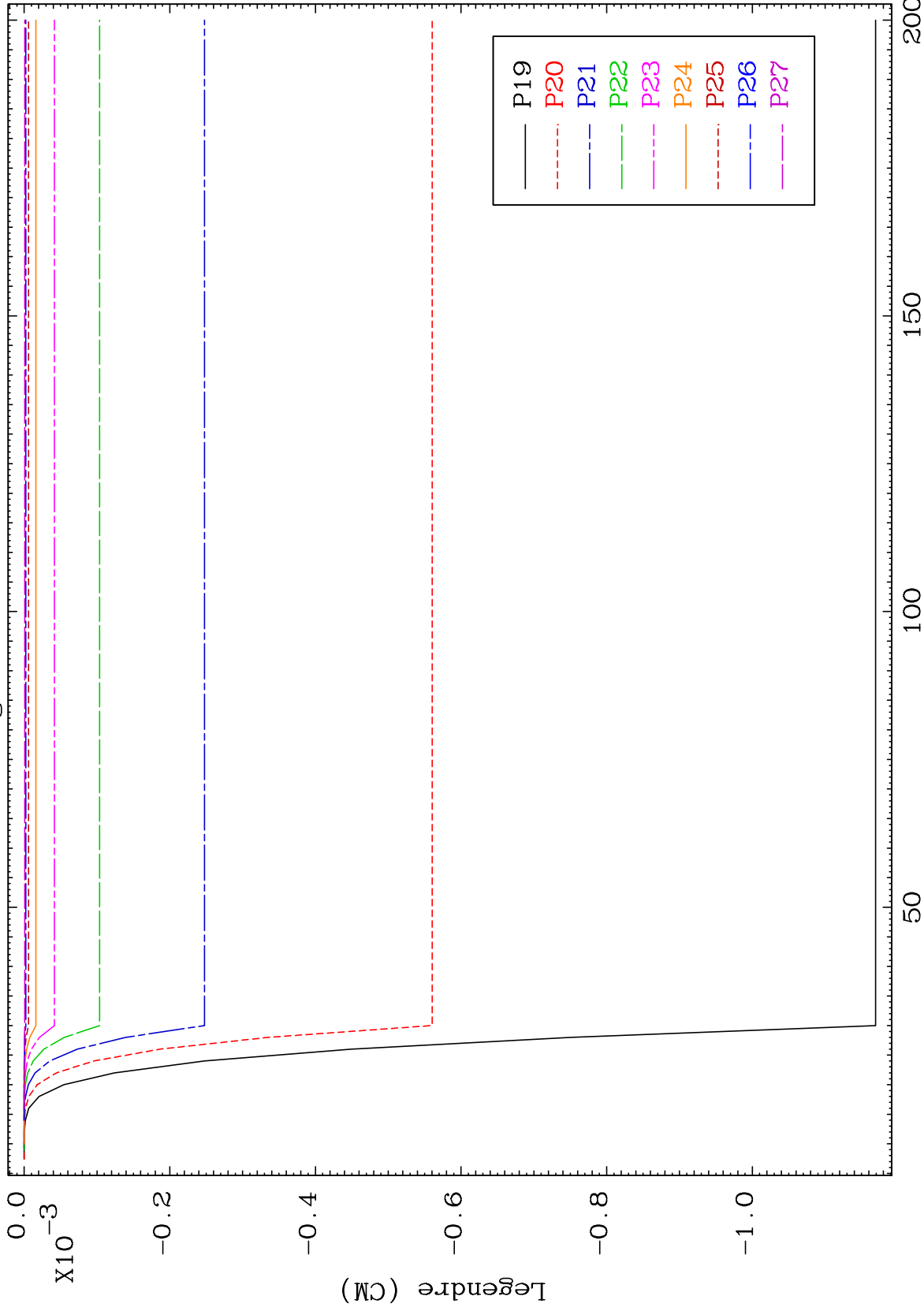
36-Kr-75

MAT 3616 MT= 52 (n,n') Level Legendre Coefficients 36-Kr-75



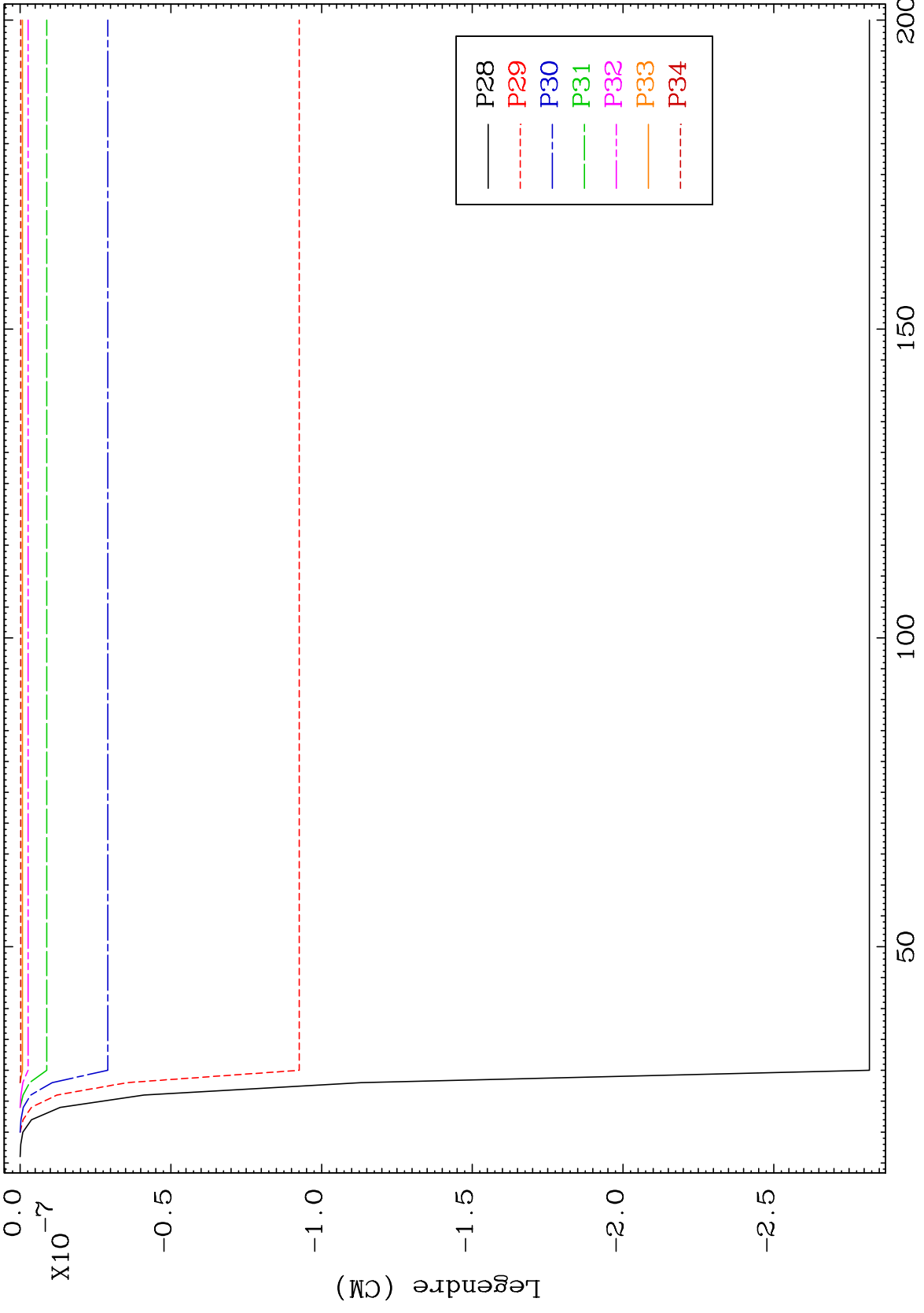
36-Kr-75

MAT 3616 MT= 52 (n,n') Level Legendre Coefficients 36-Kr-75



36-Kr-75

MAT 3616 MT= 52 (n,n') Level Legendre Coefficients 36-Kr-75

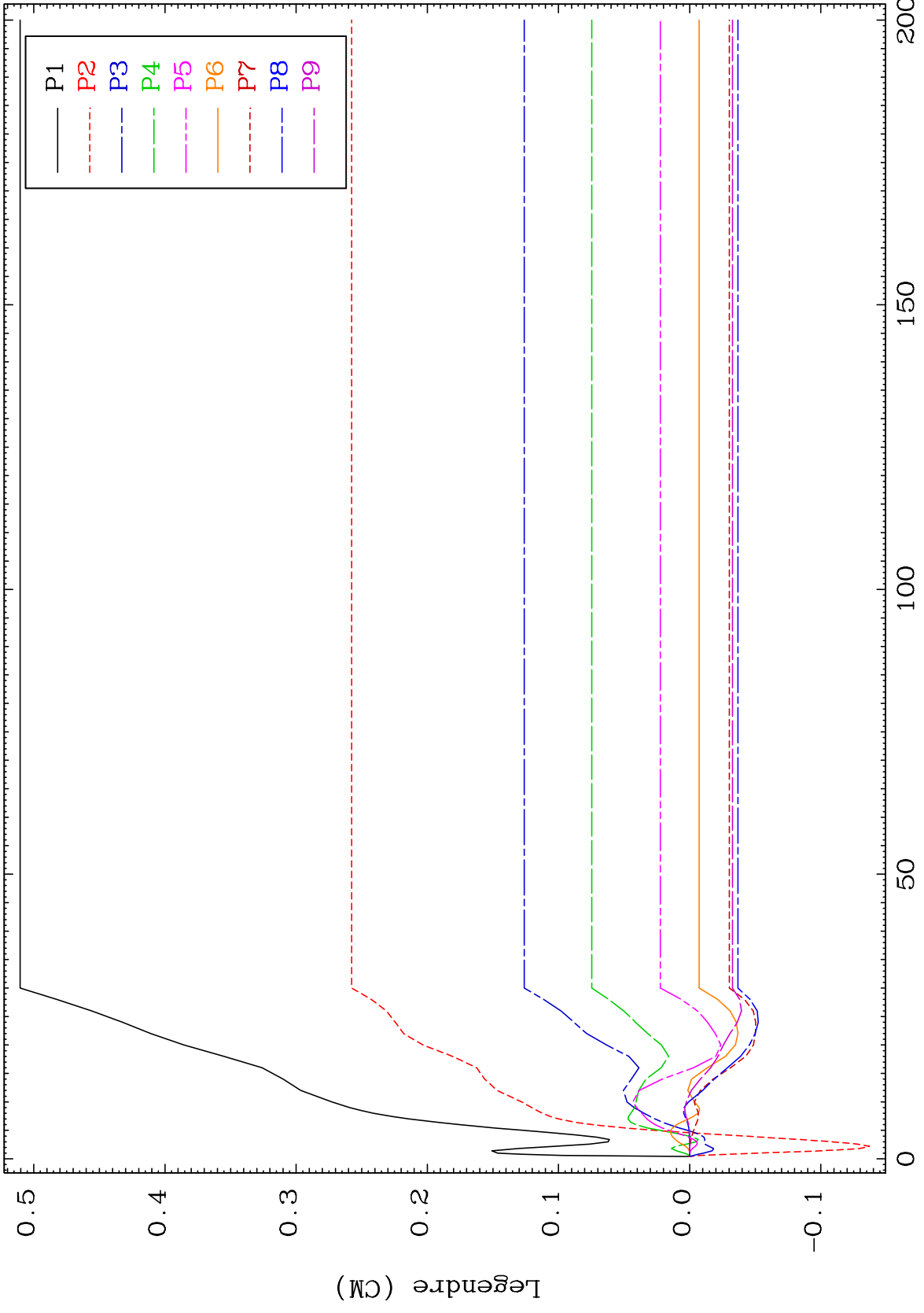


24 Incident Energy (MeV) 36-Kr-75

MAT 3616

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

36-Kr-75



36-Kr-75

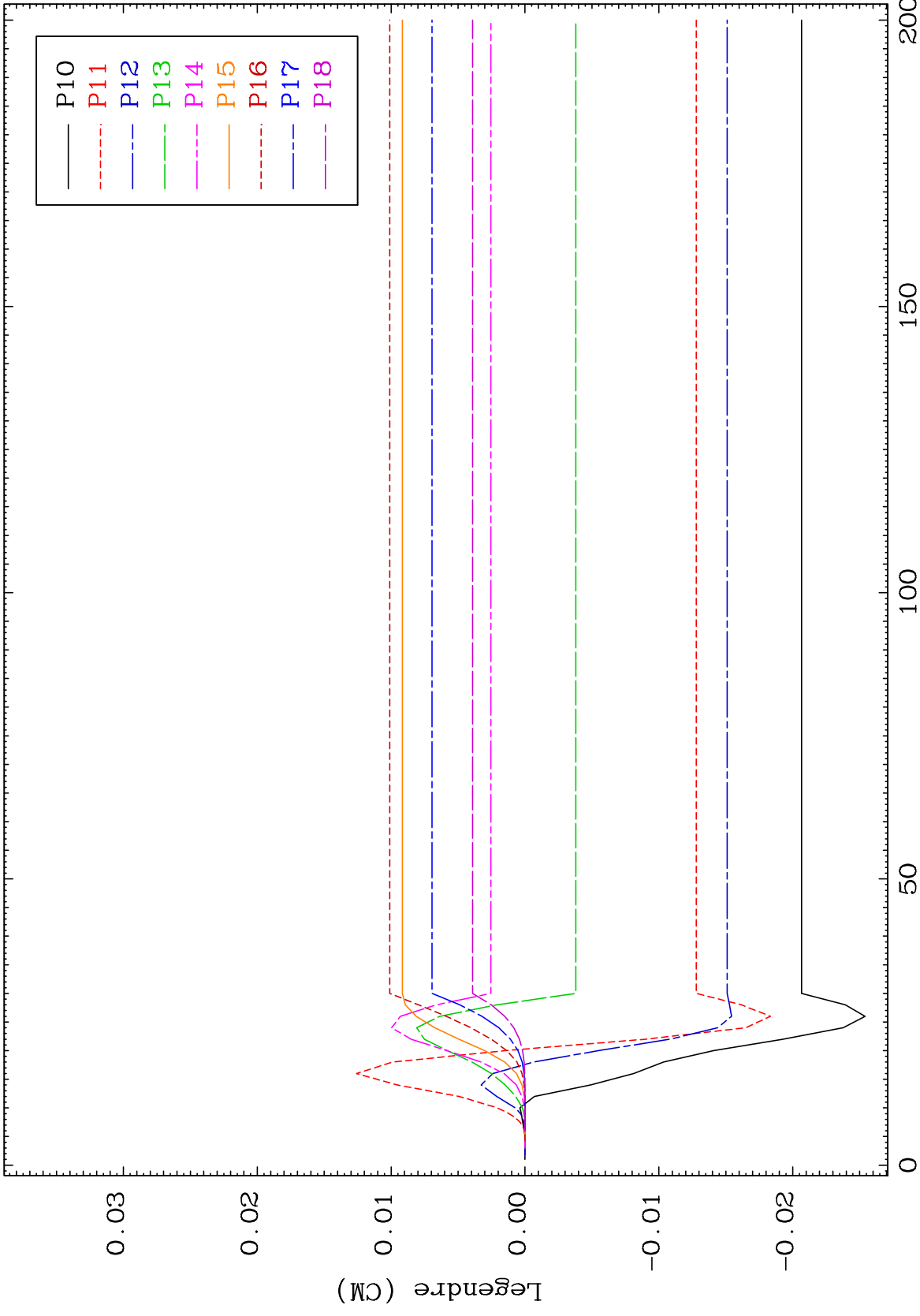
Incident Energy (MeV)

25

MAT 3616

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

36-Kr-75



26

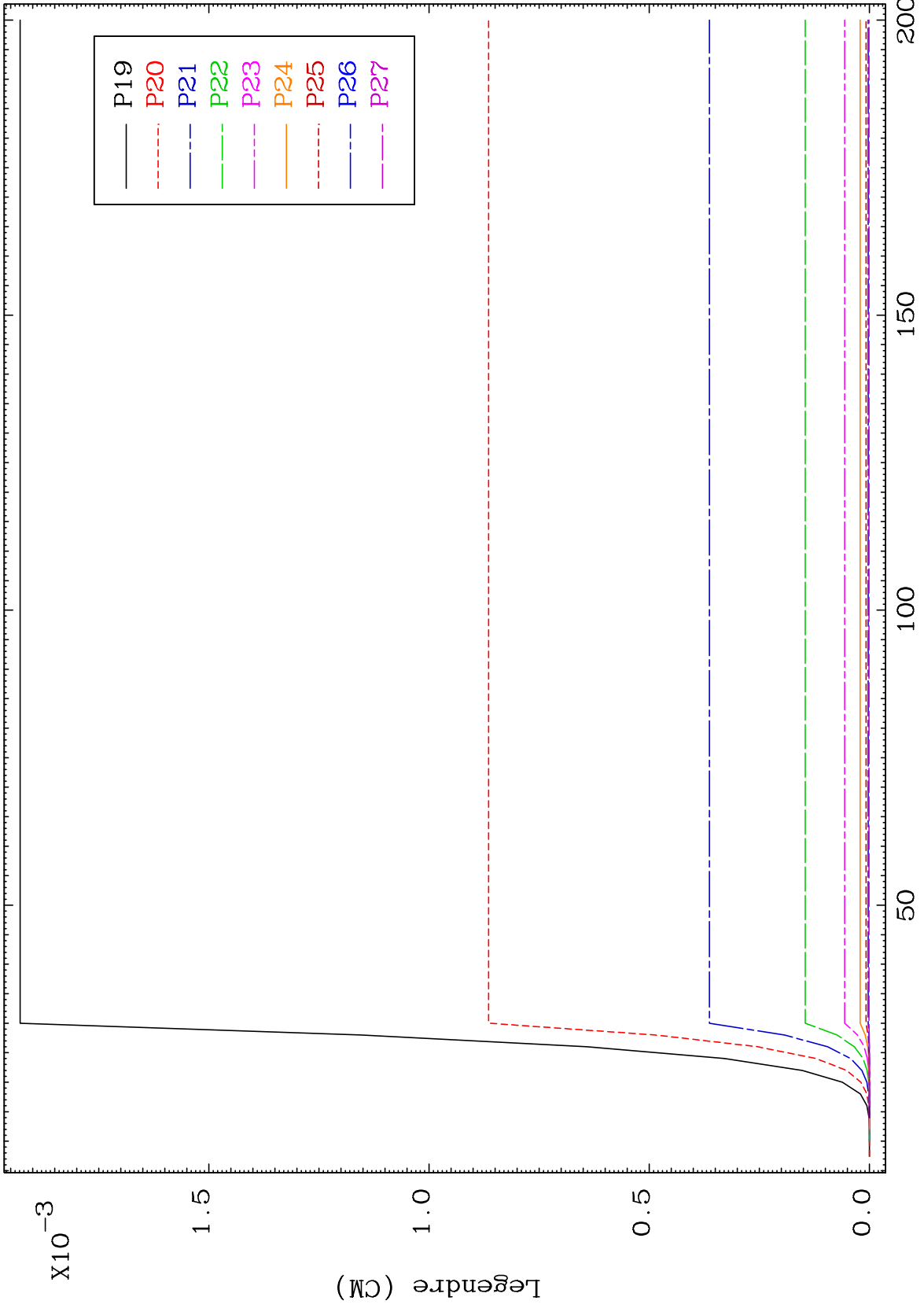
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



27

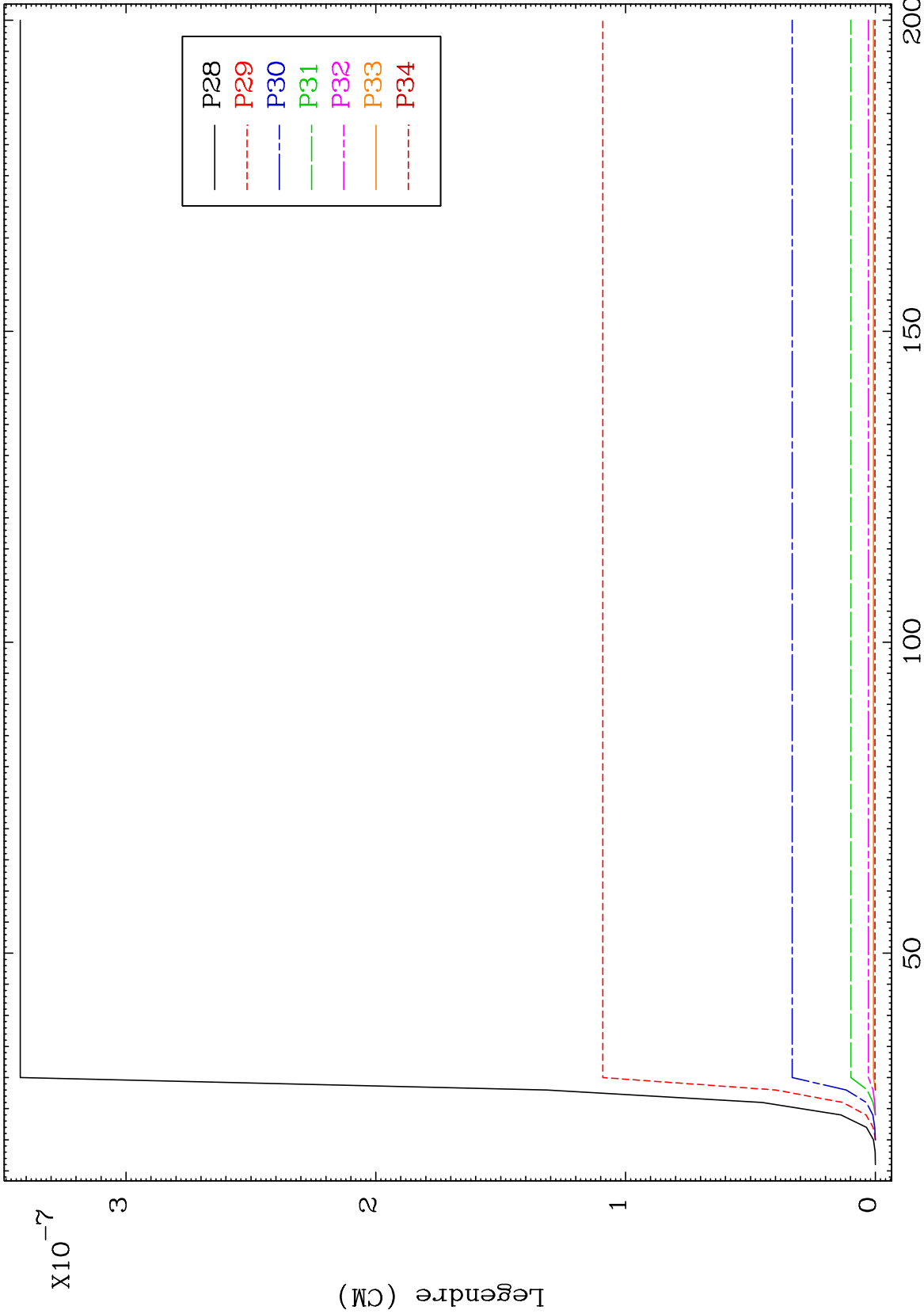
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



28

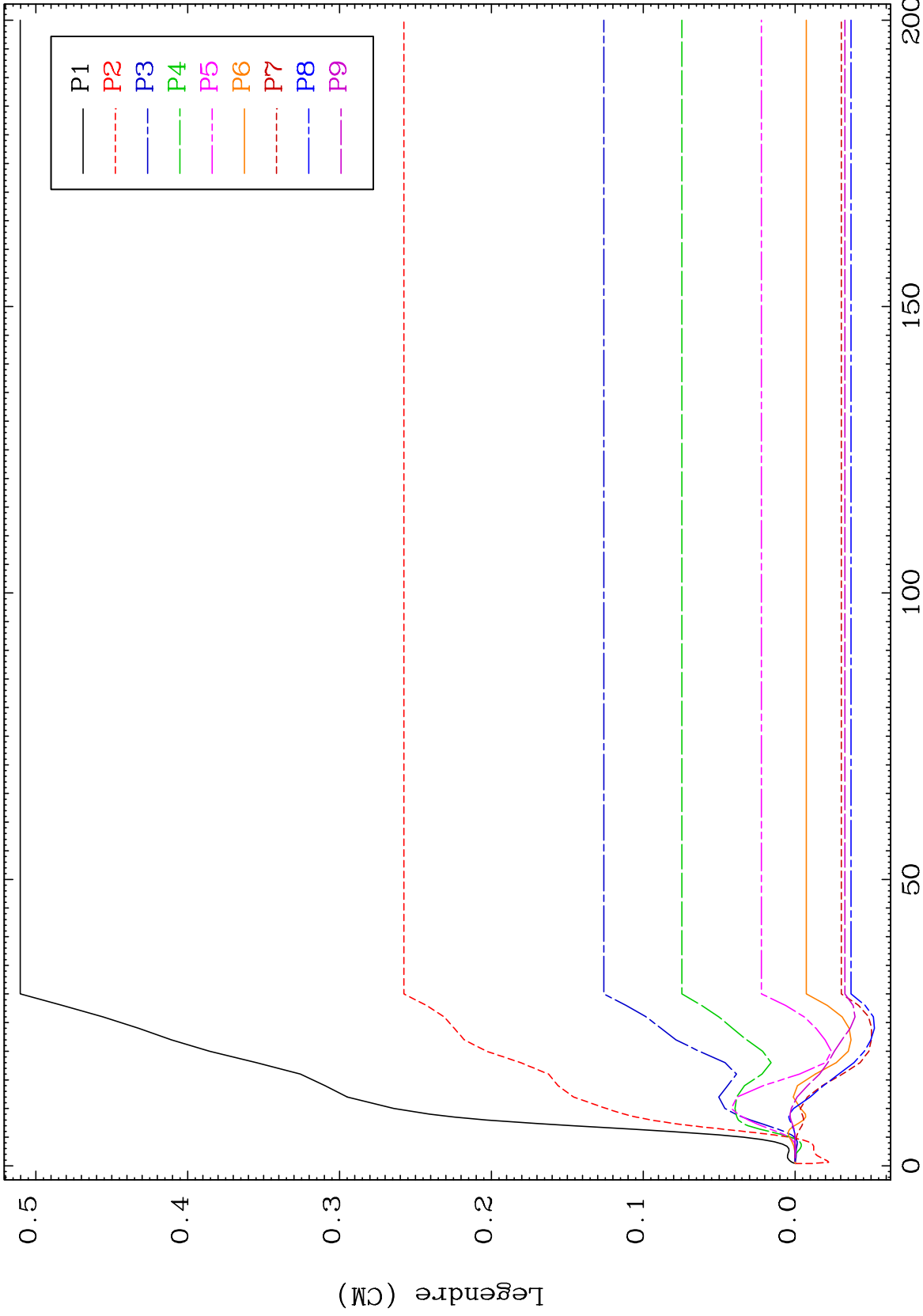
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



29

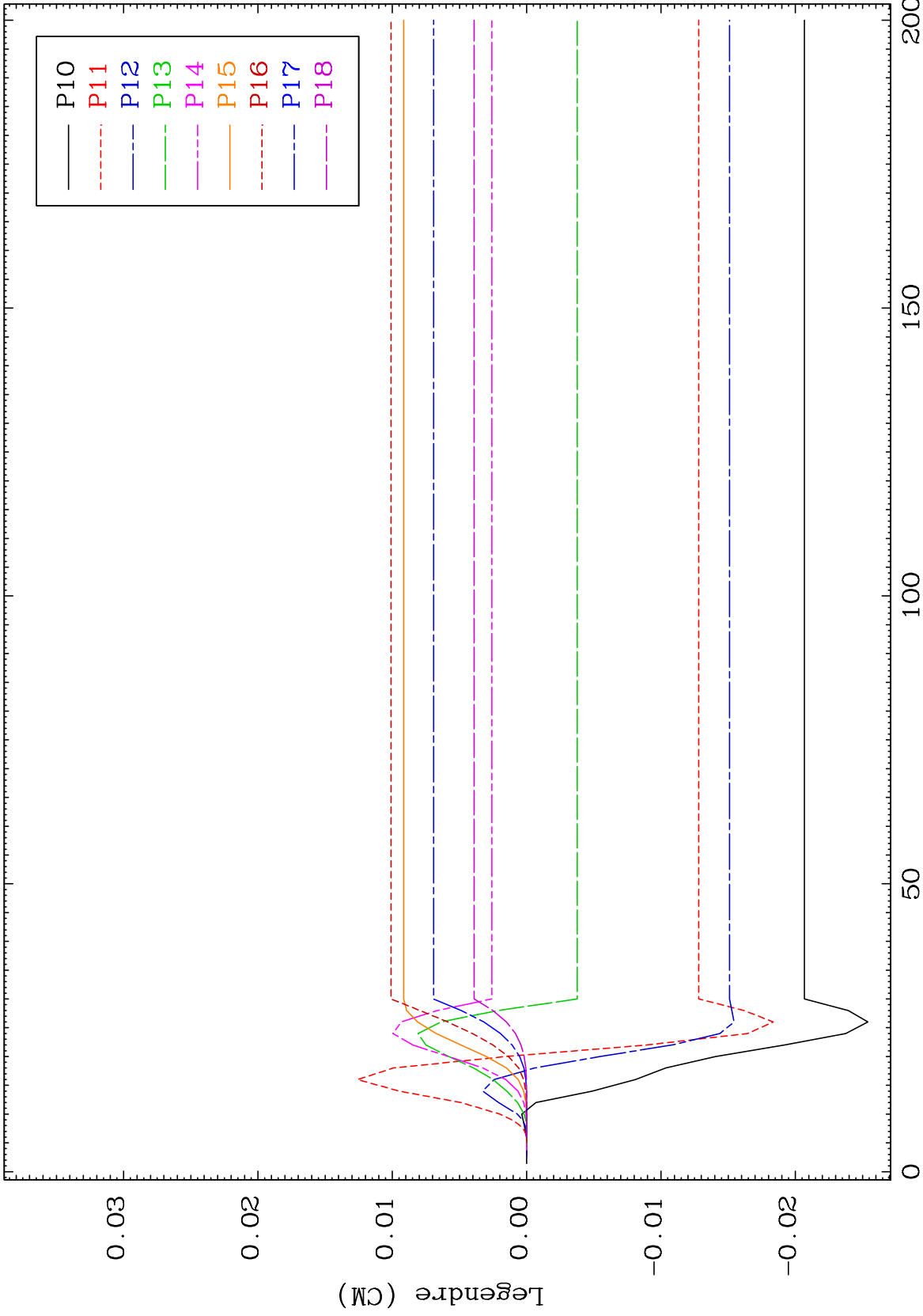
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



0

50

100

150

200

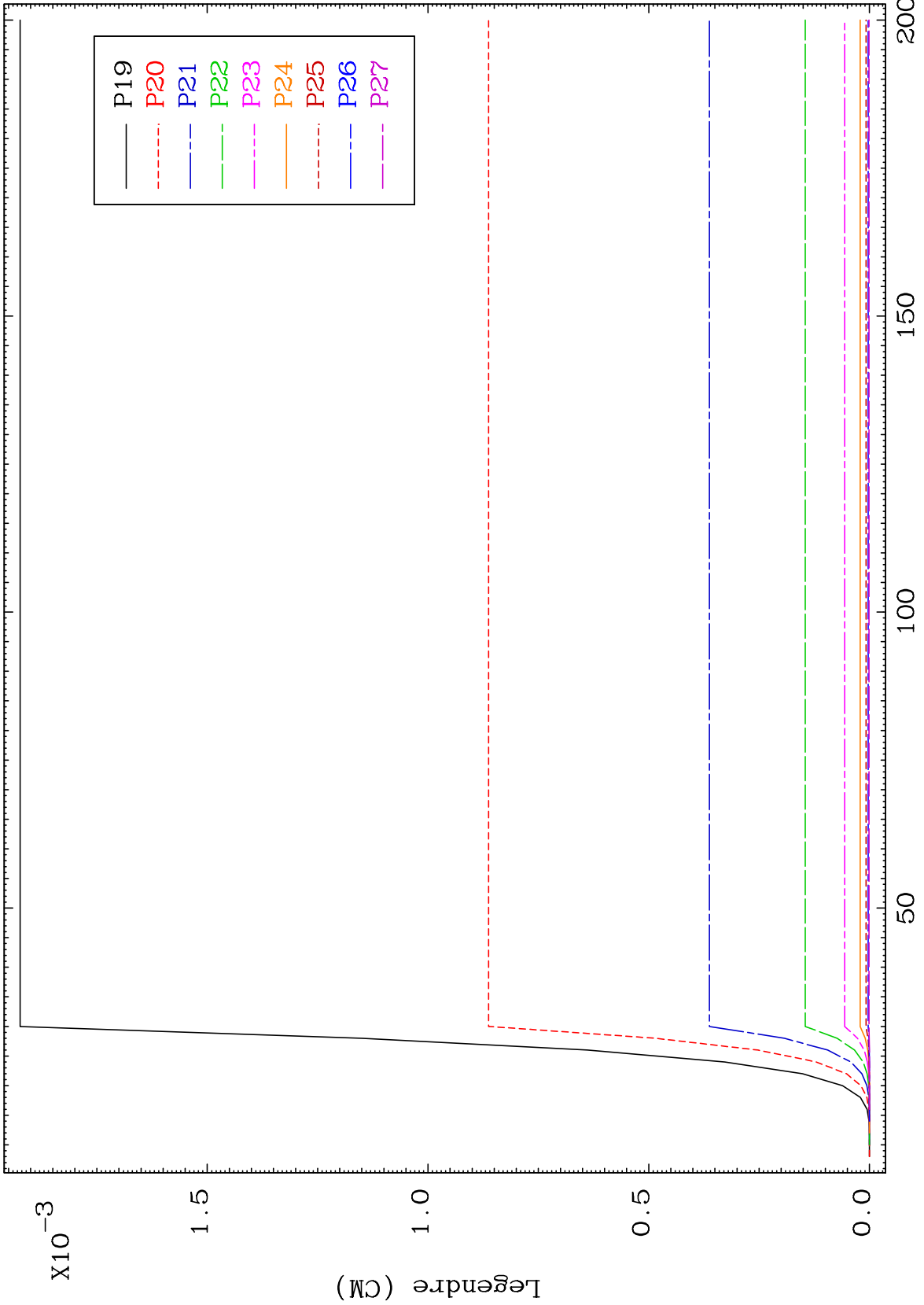
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



31

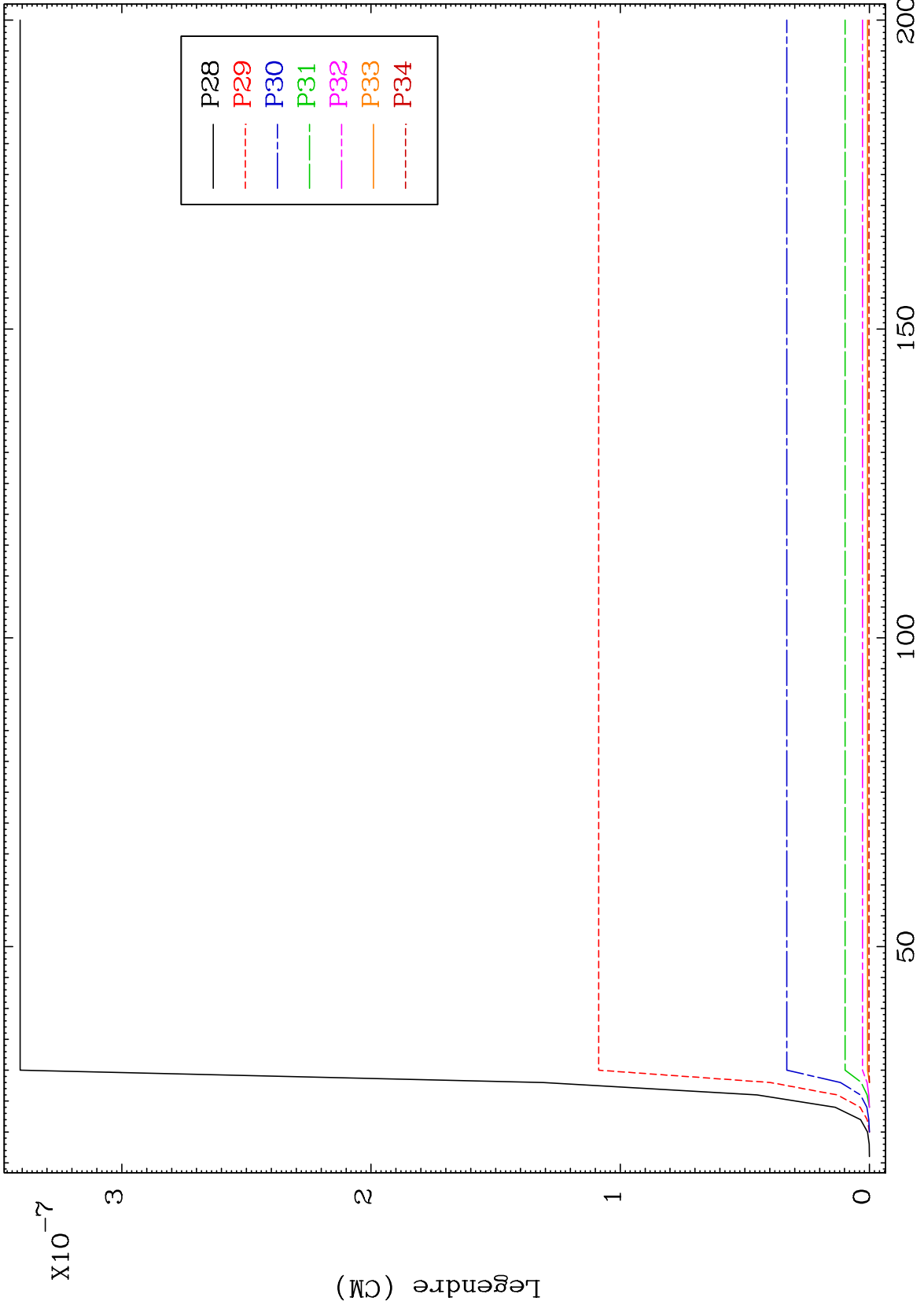
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

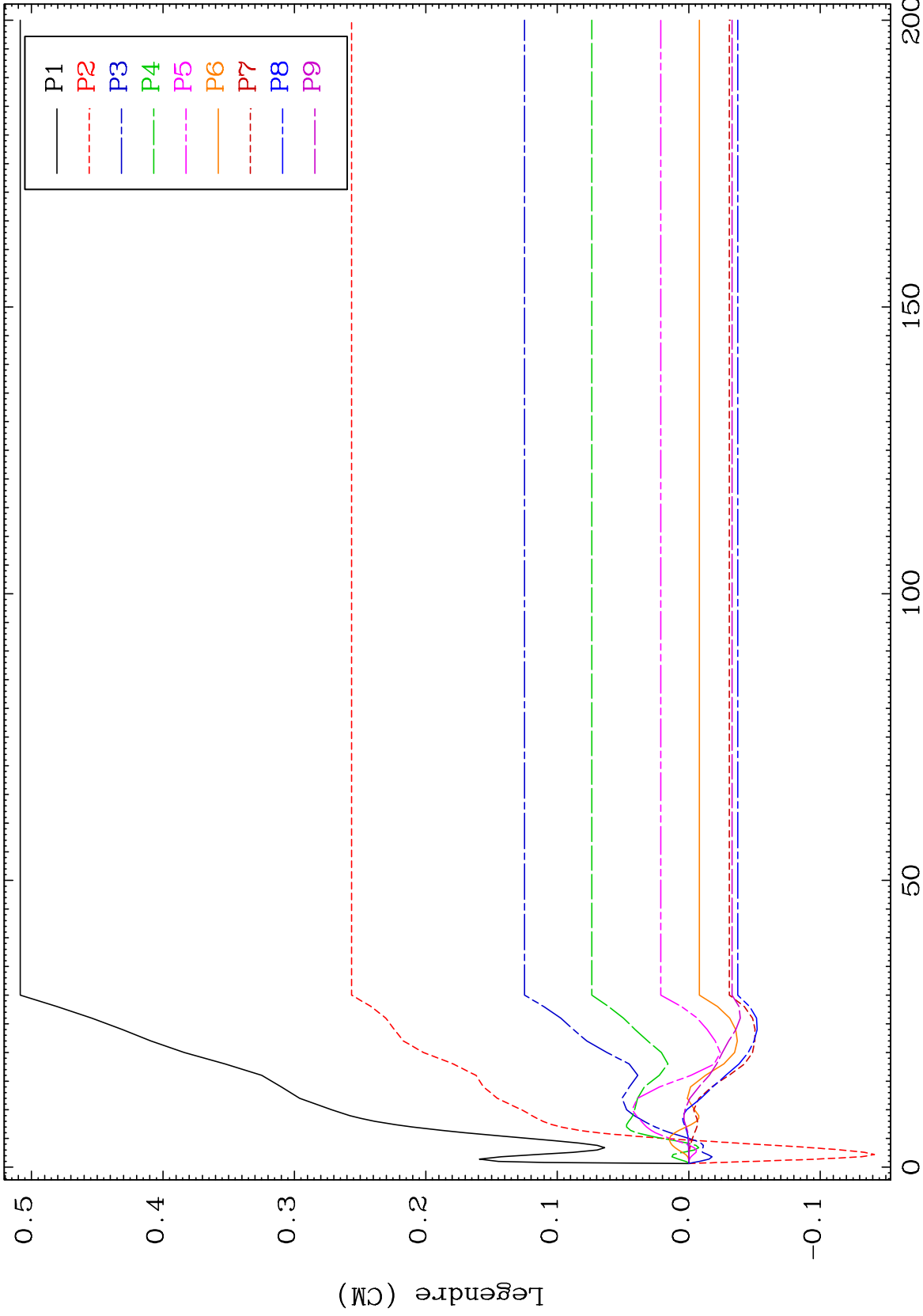
36-Kr-75



MAT 3616

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

36-Kr-75



33

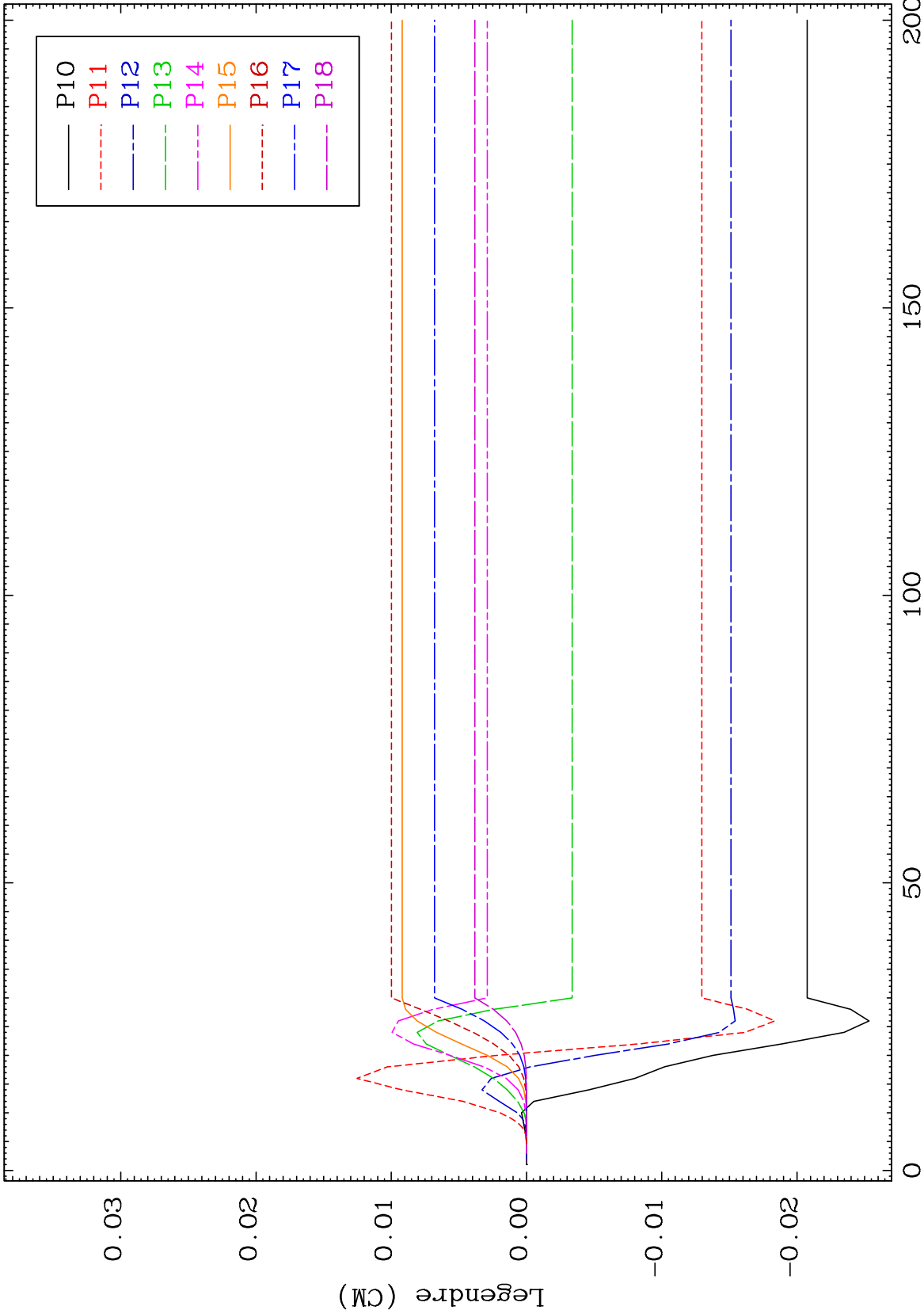
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



34

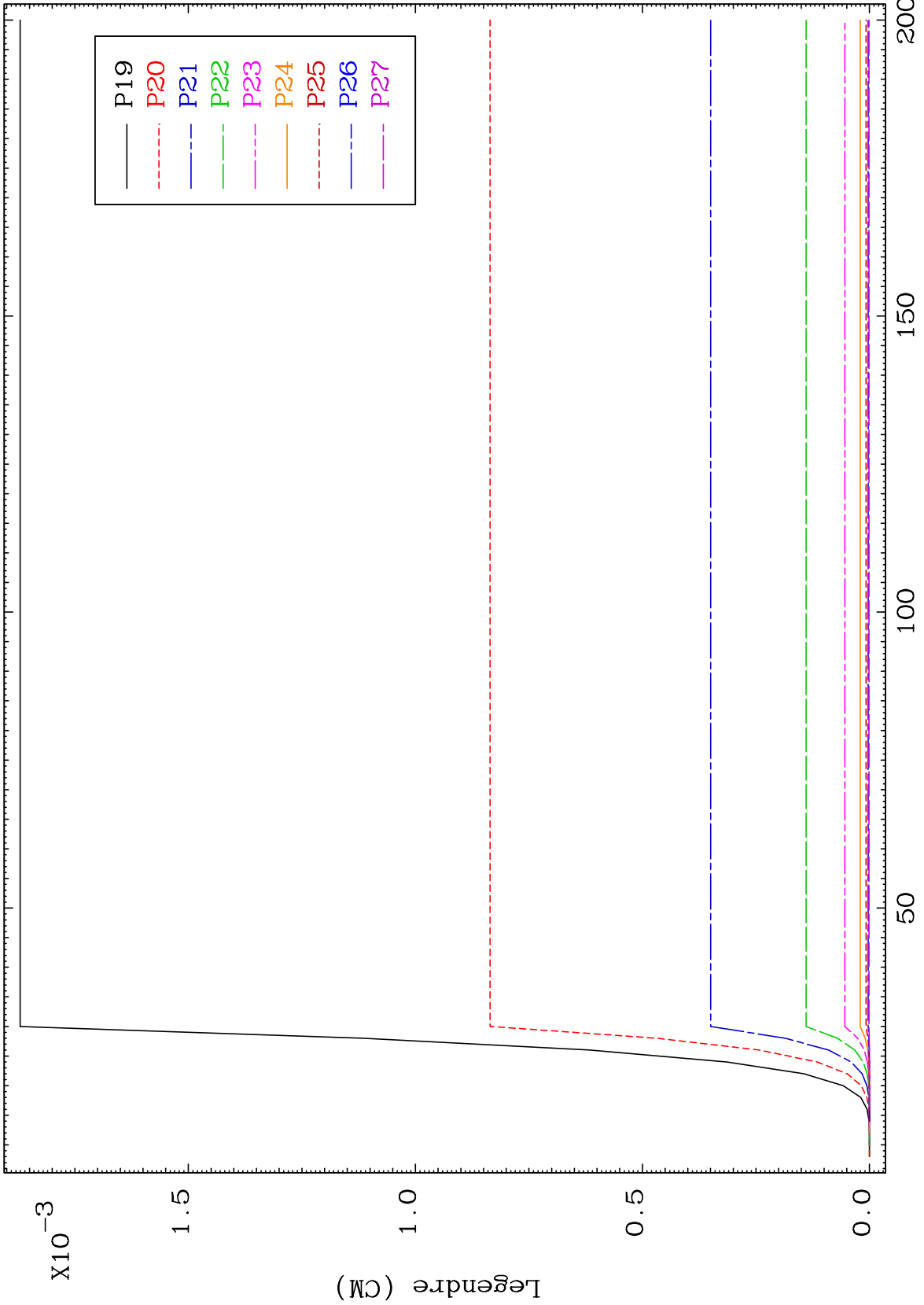
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



35

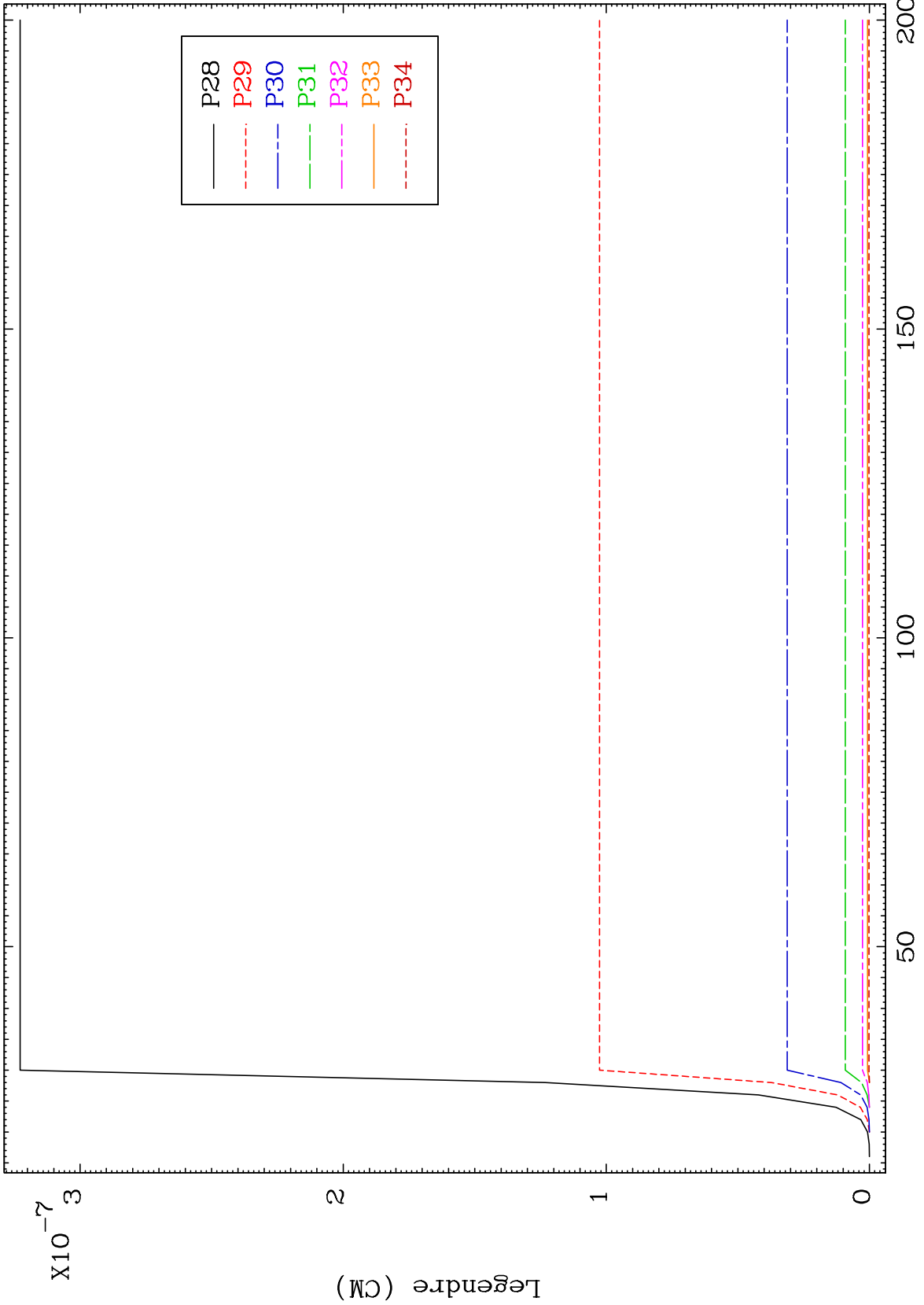
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



36

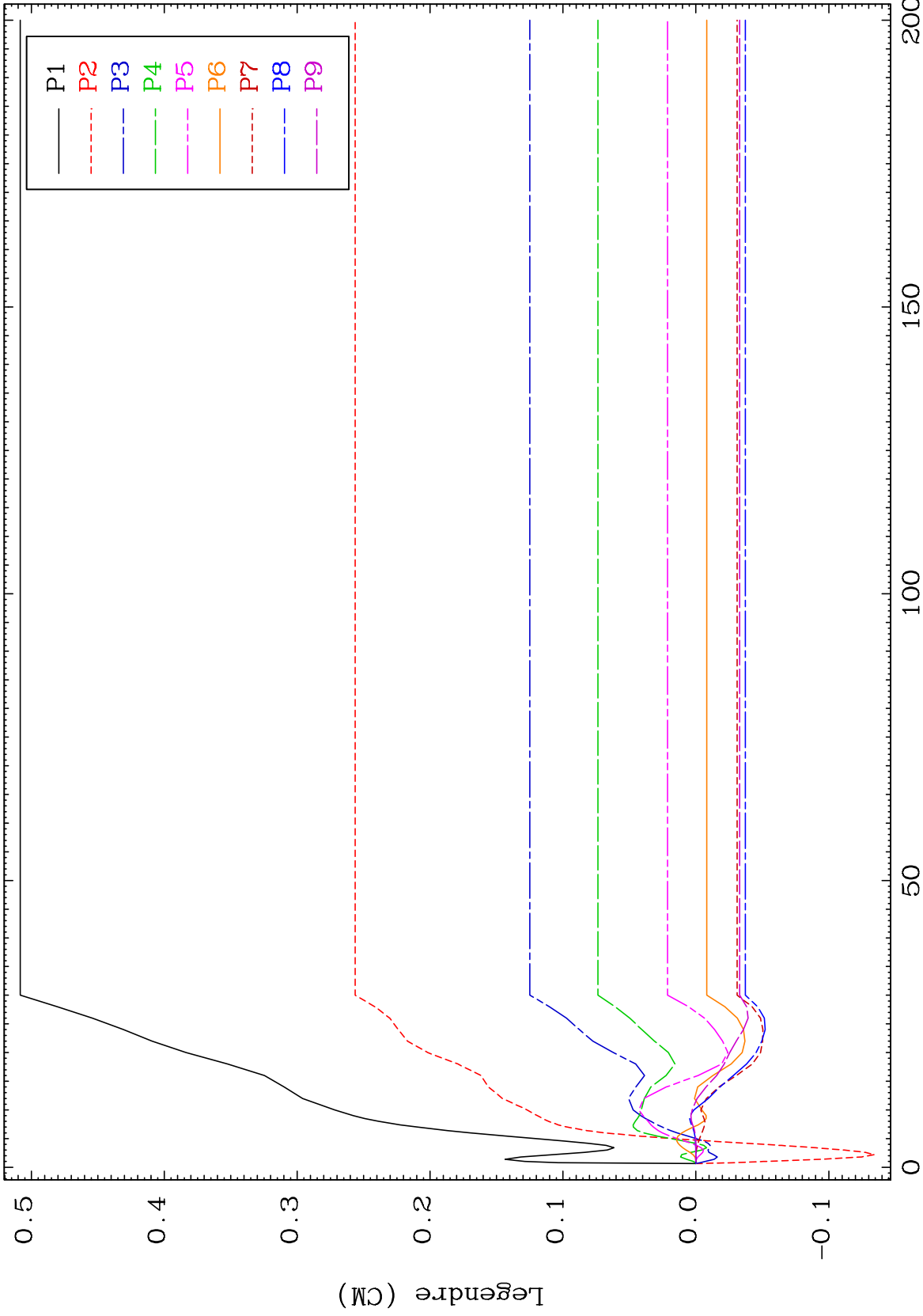
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



37

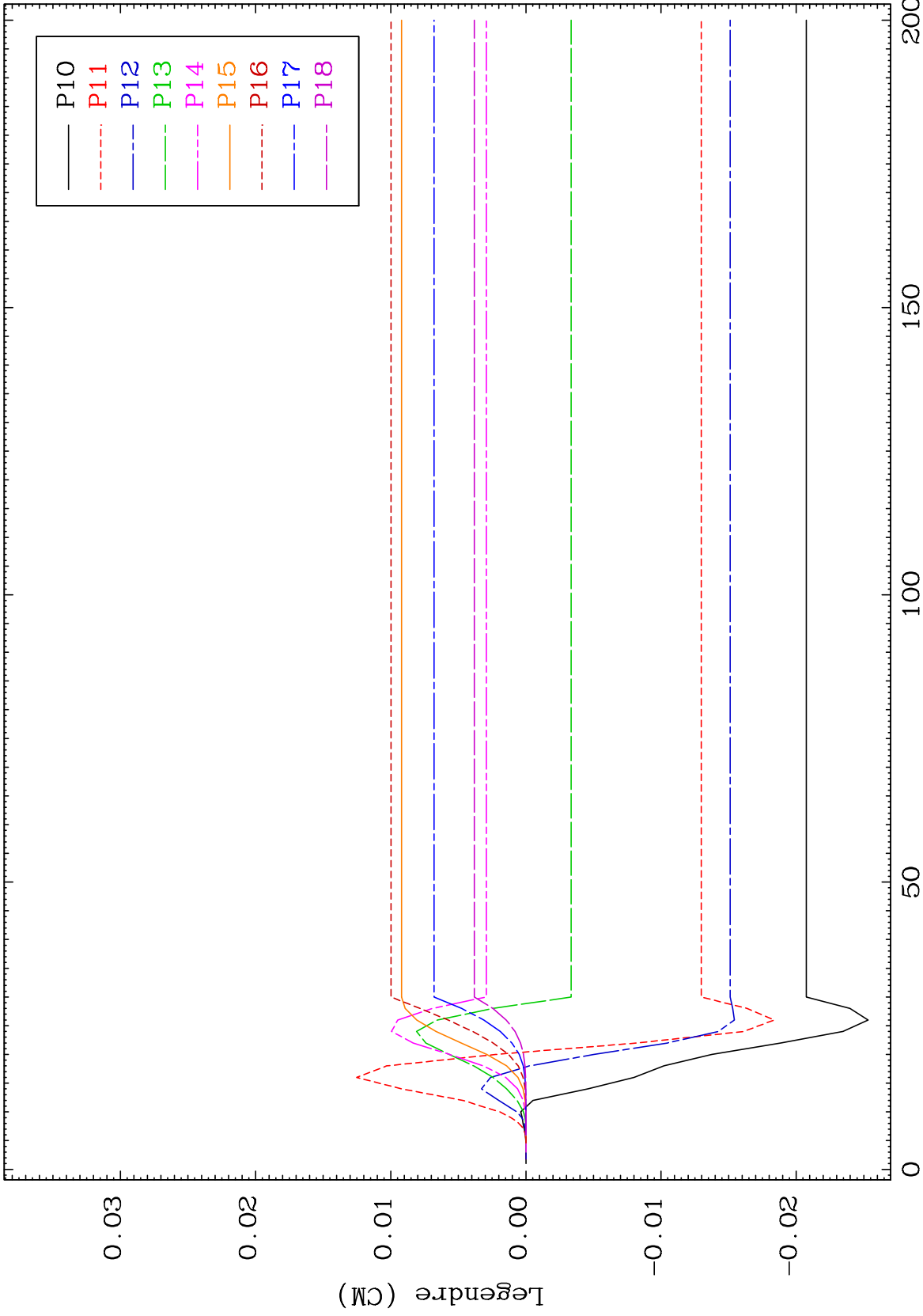
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



38

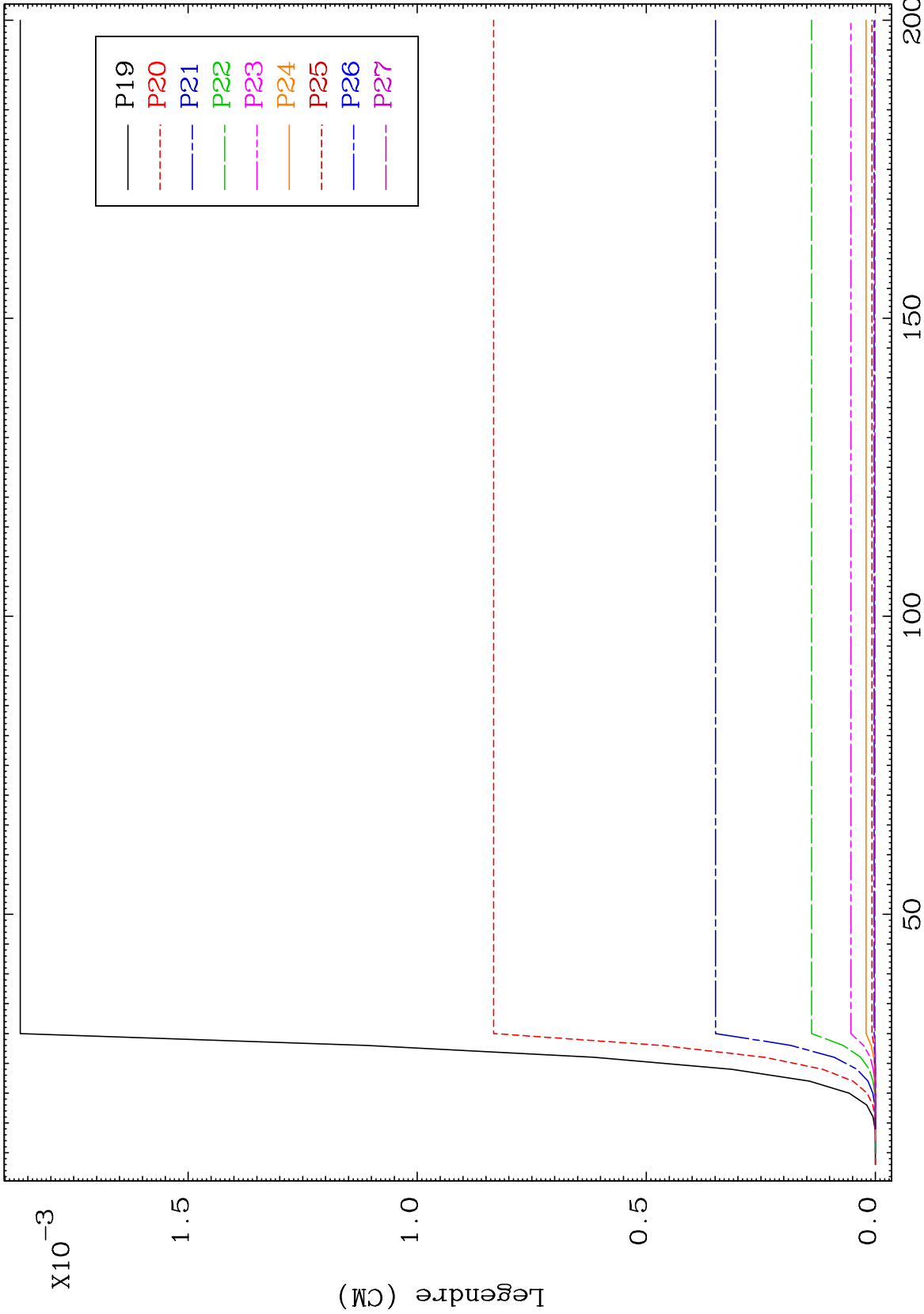
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



39

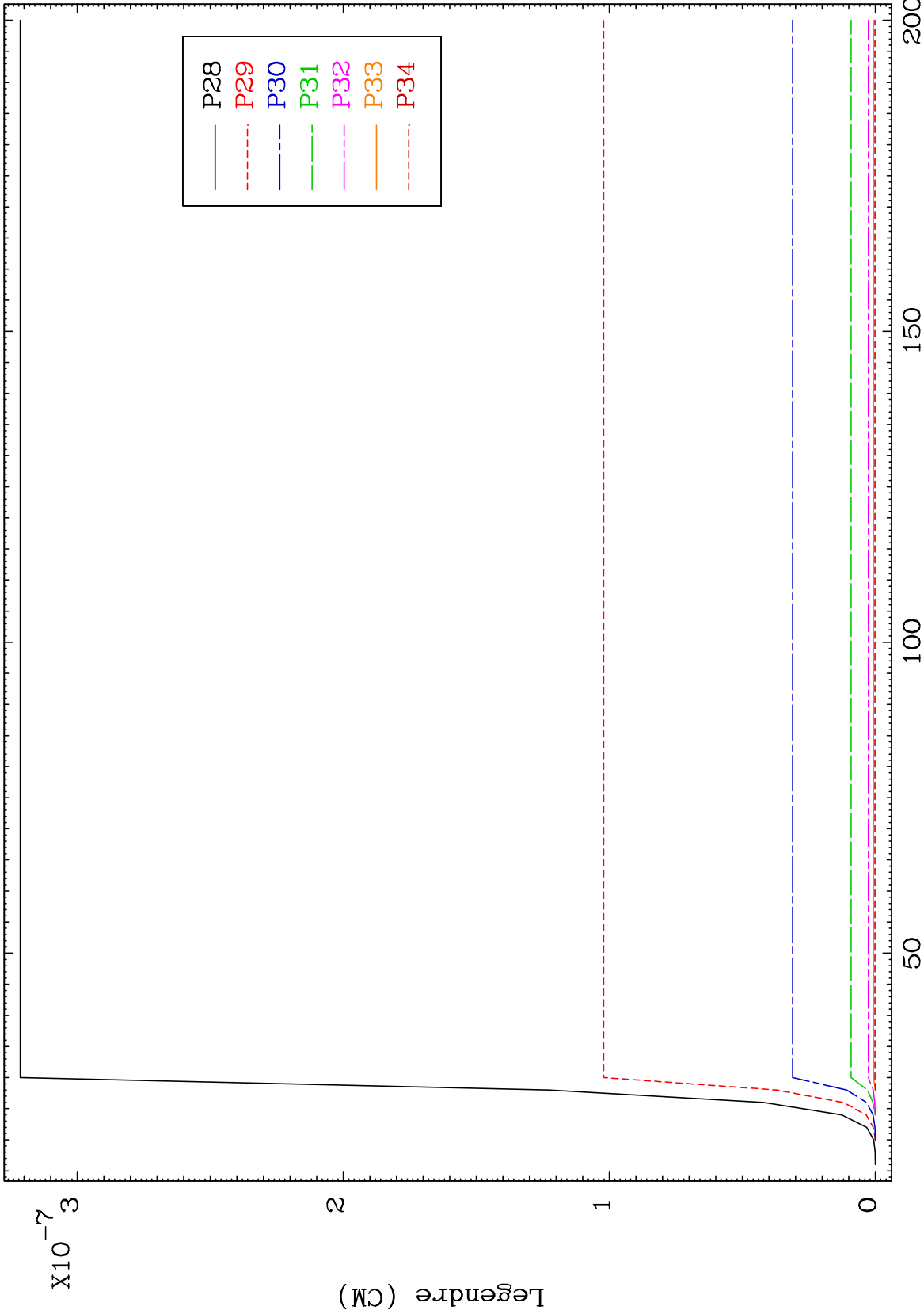
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



40

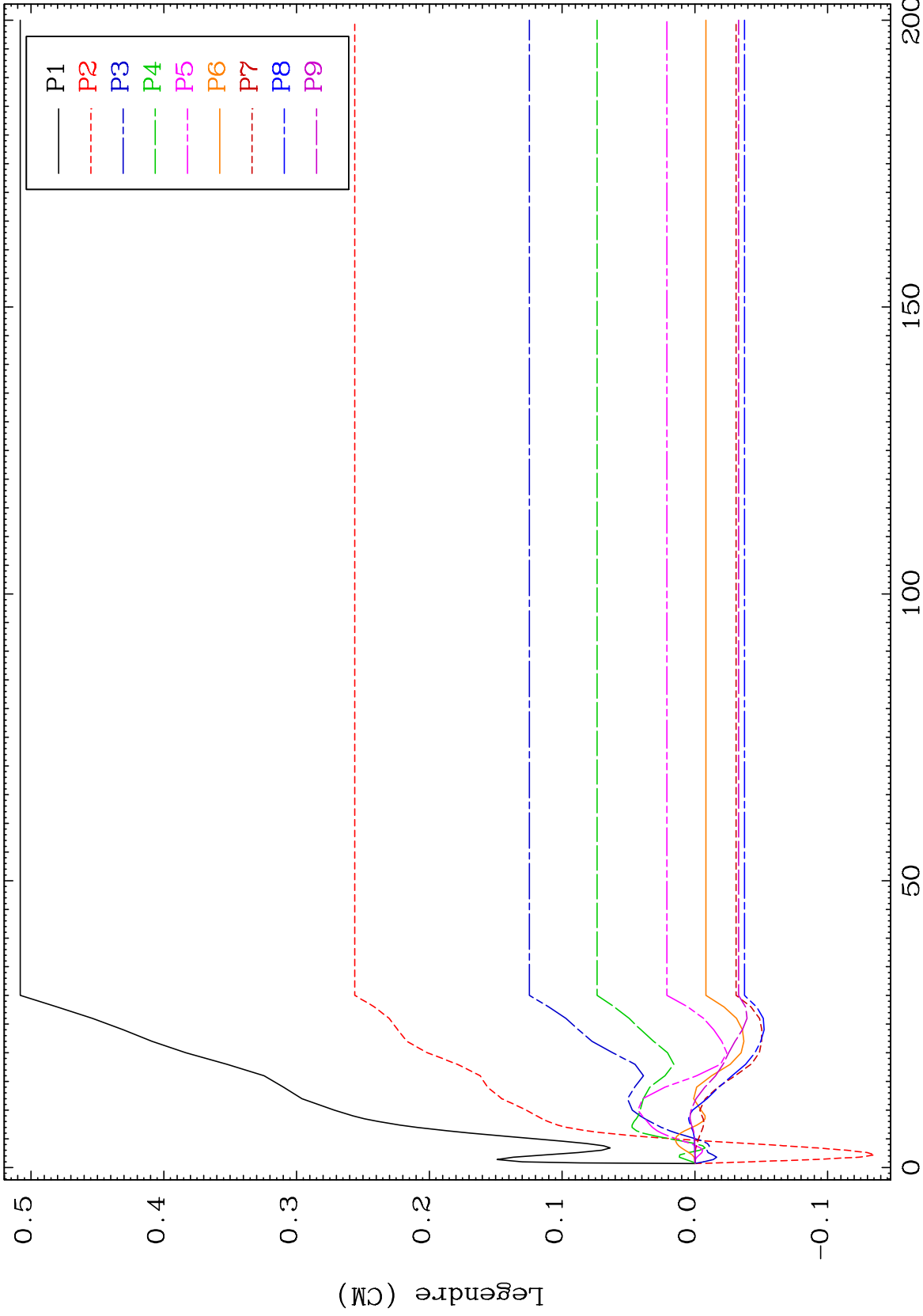
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



41

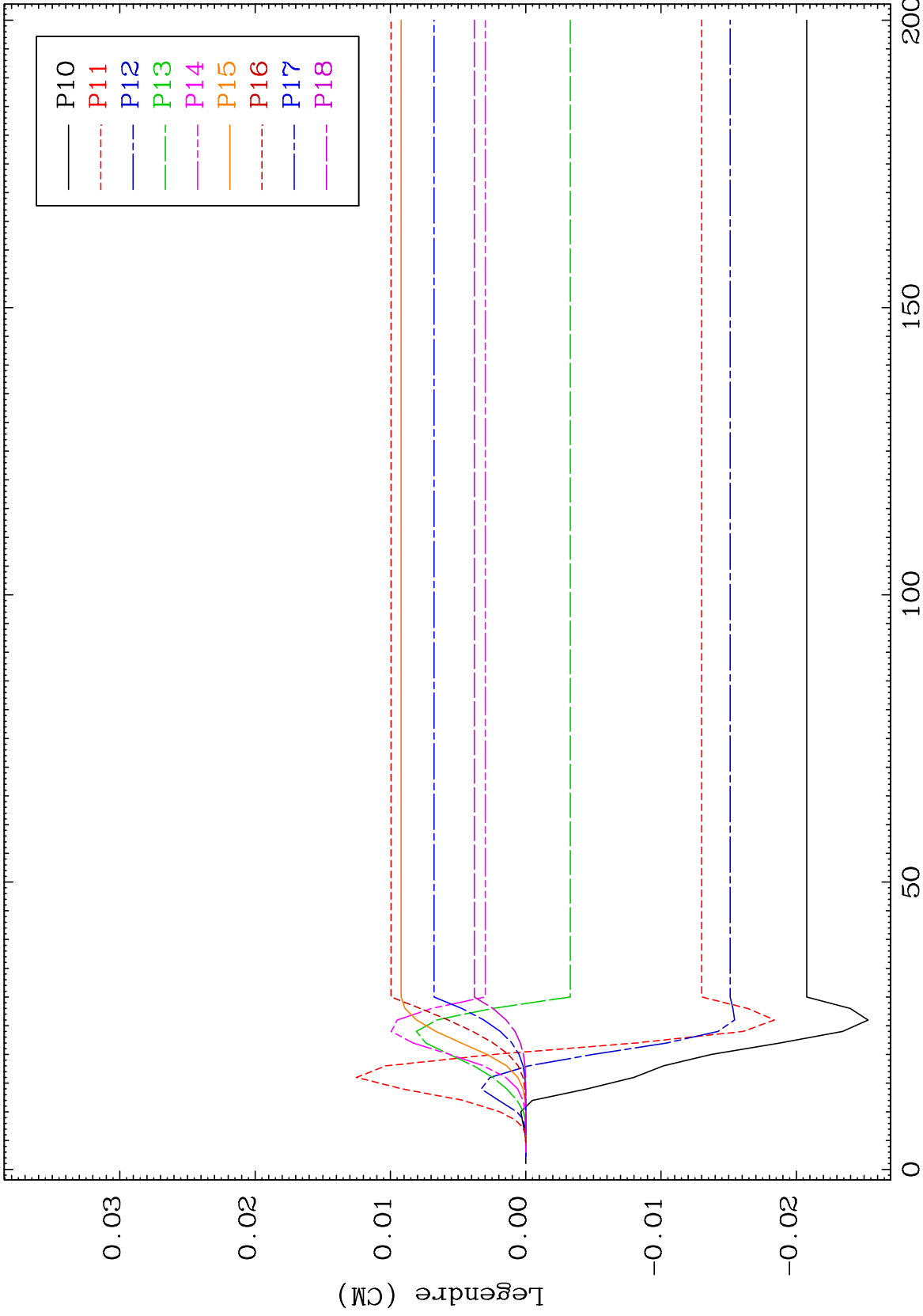
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



42

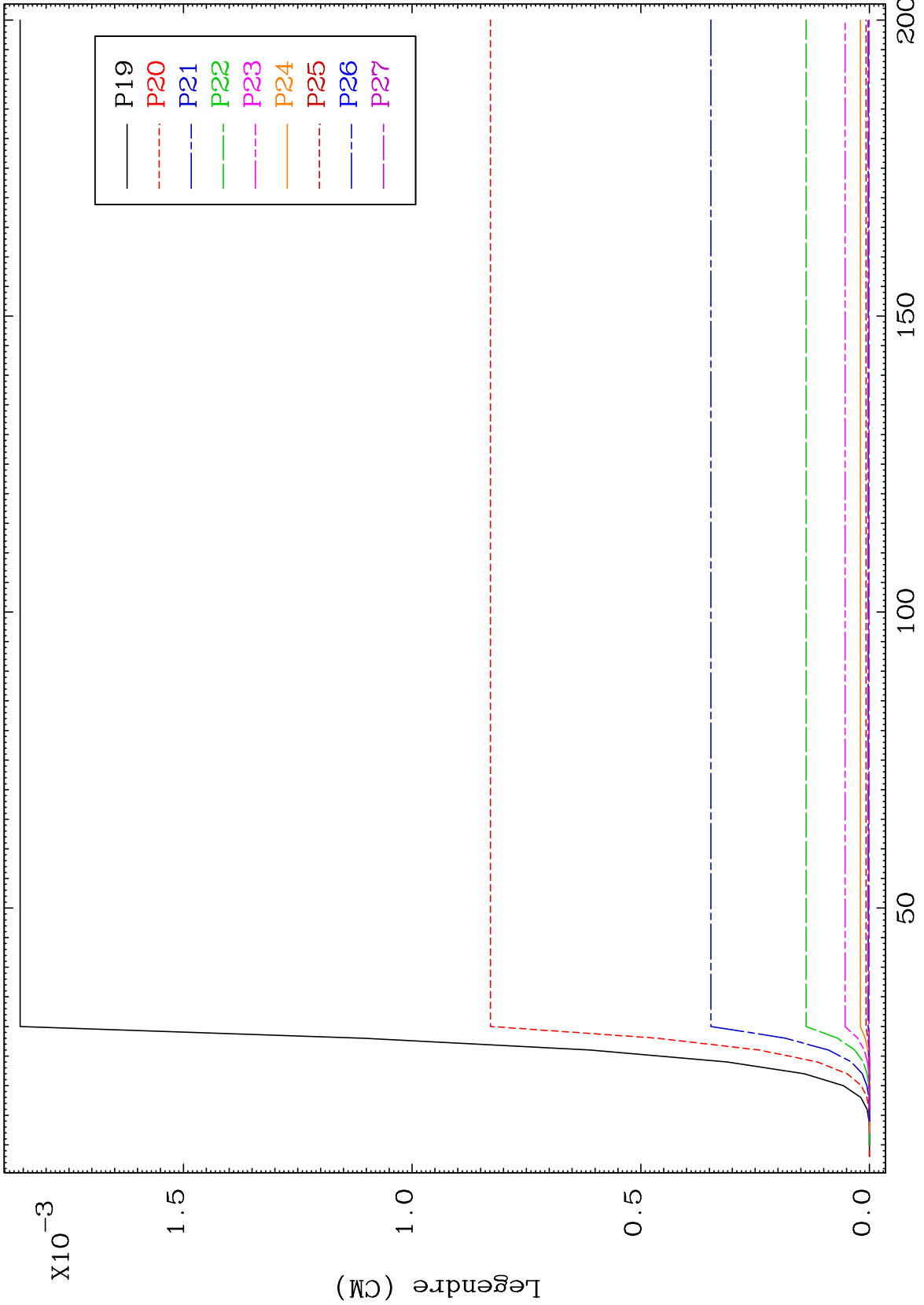
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



43

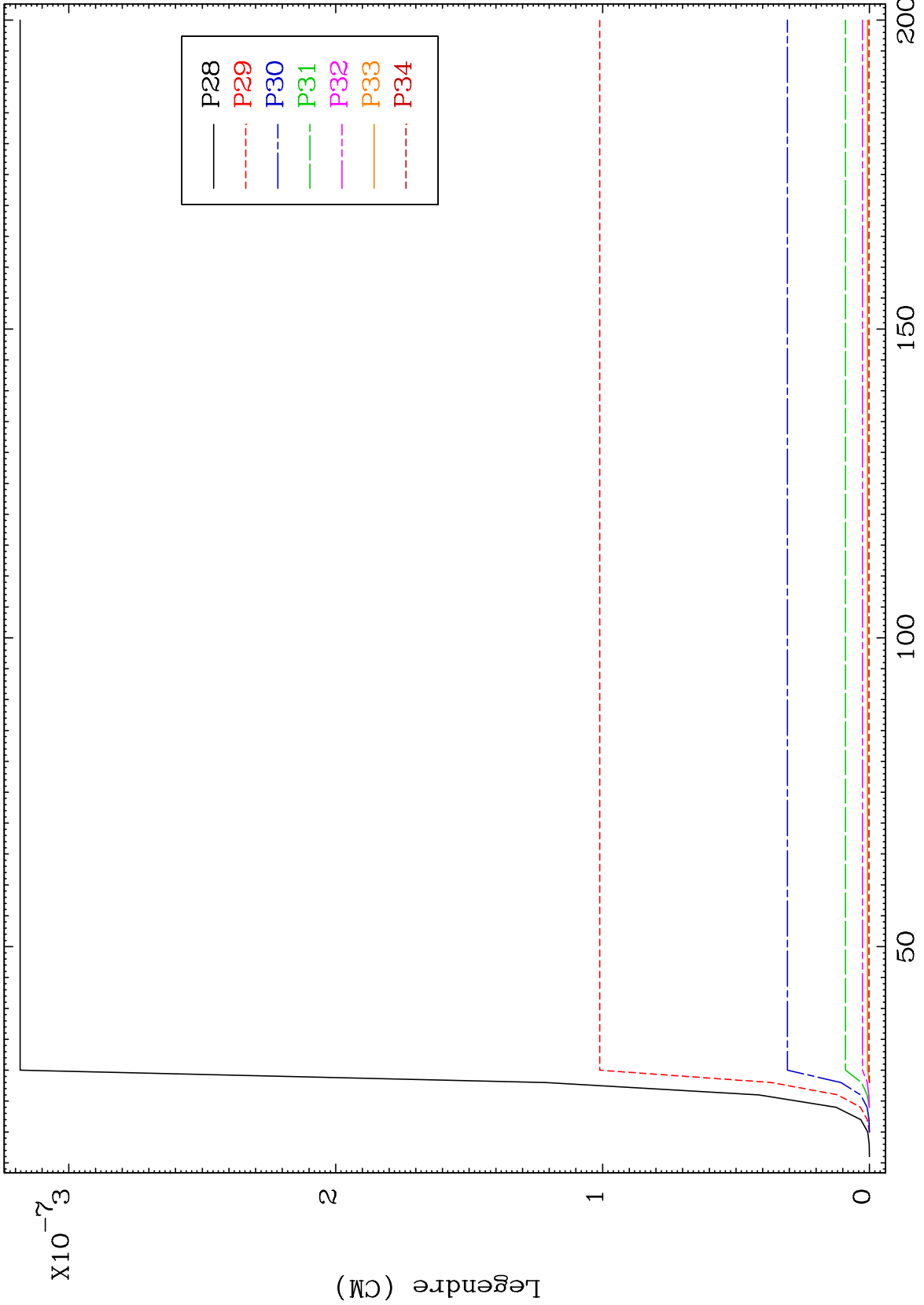
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



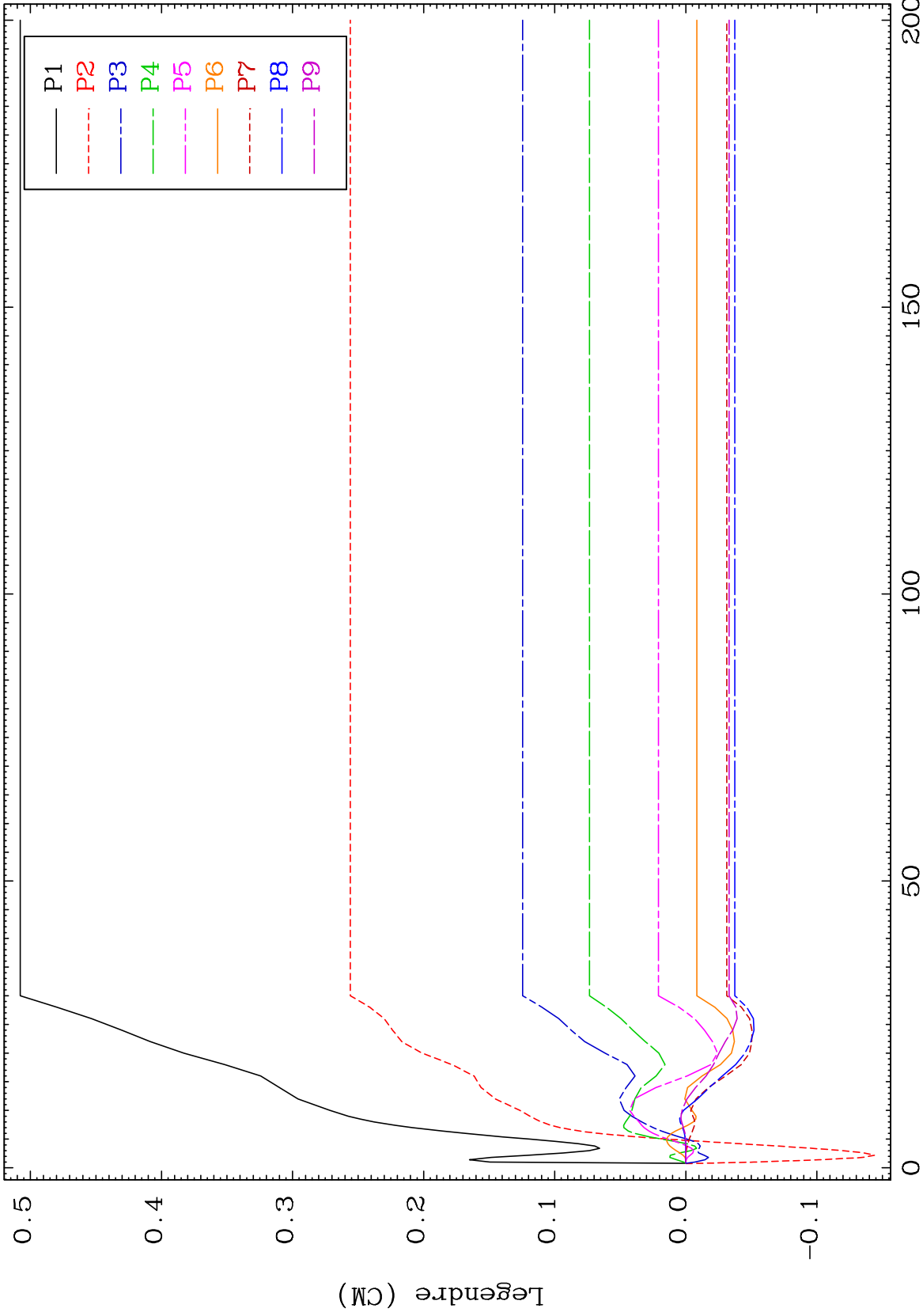
44

36-Kr-75

MAT 3616

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

36-Kr-75



45

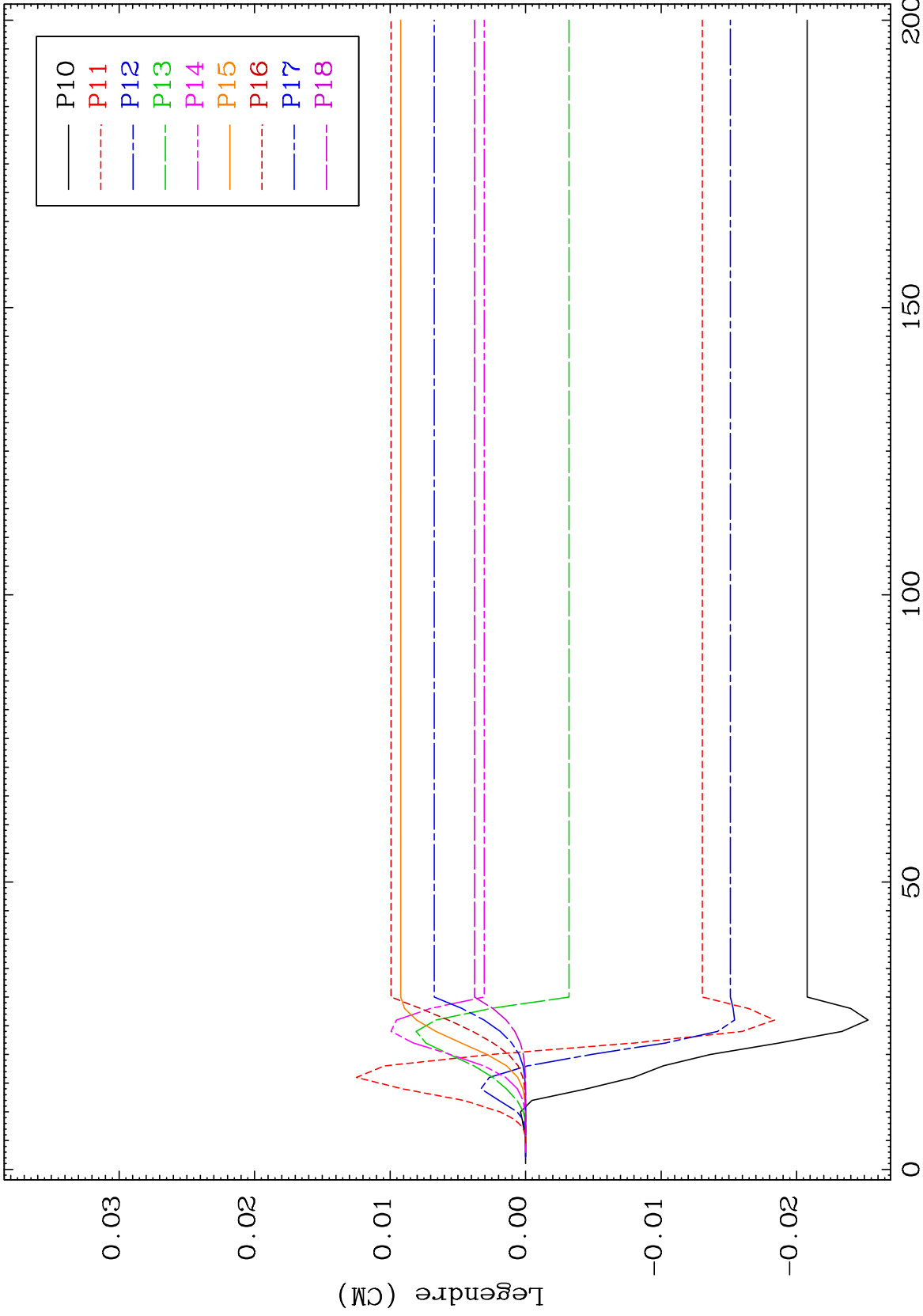
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



46

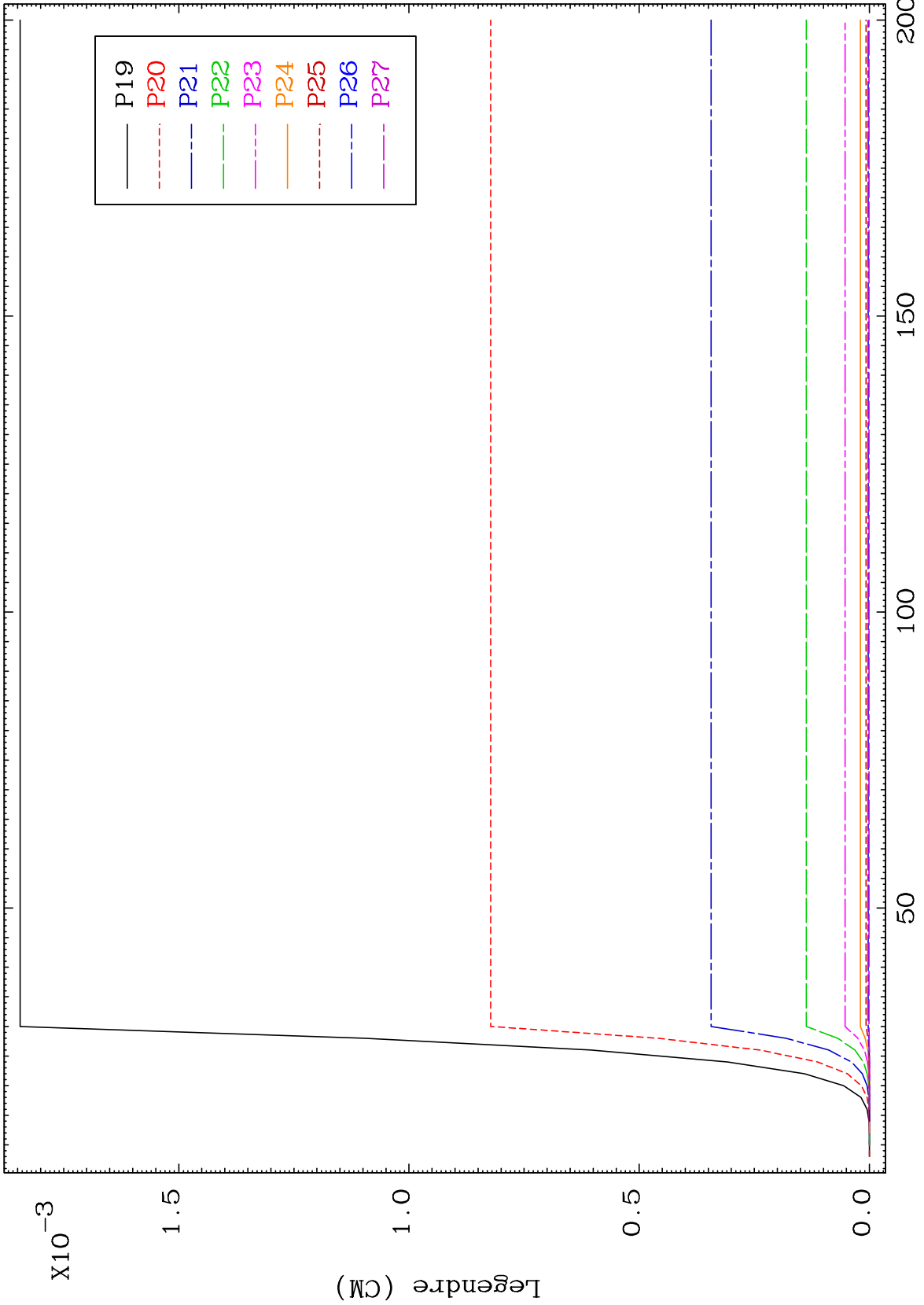
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



47

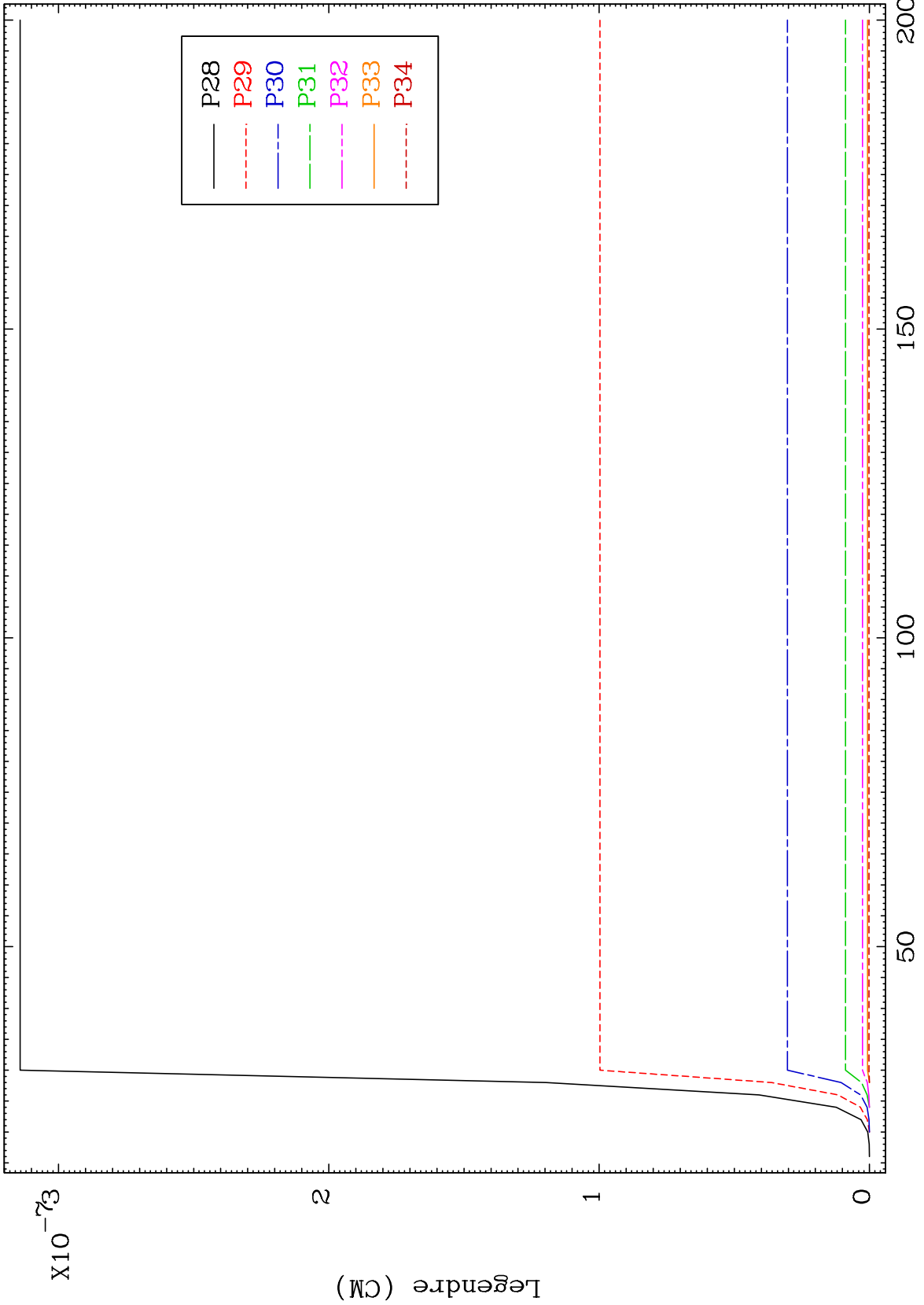
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



48

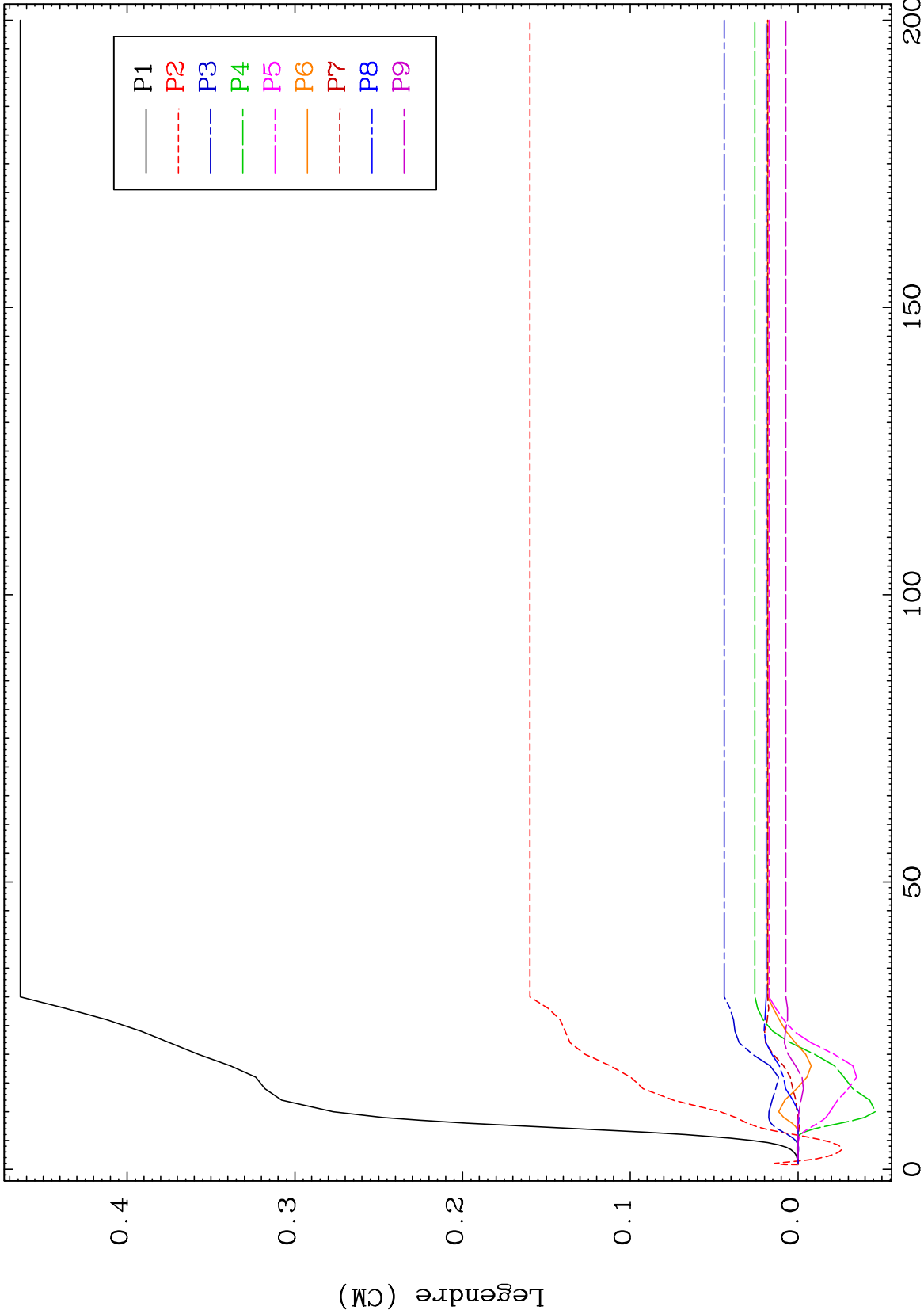
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



49

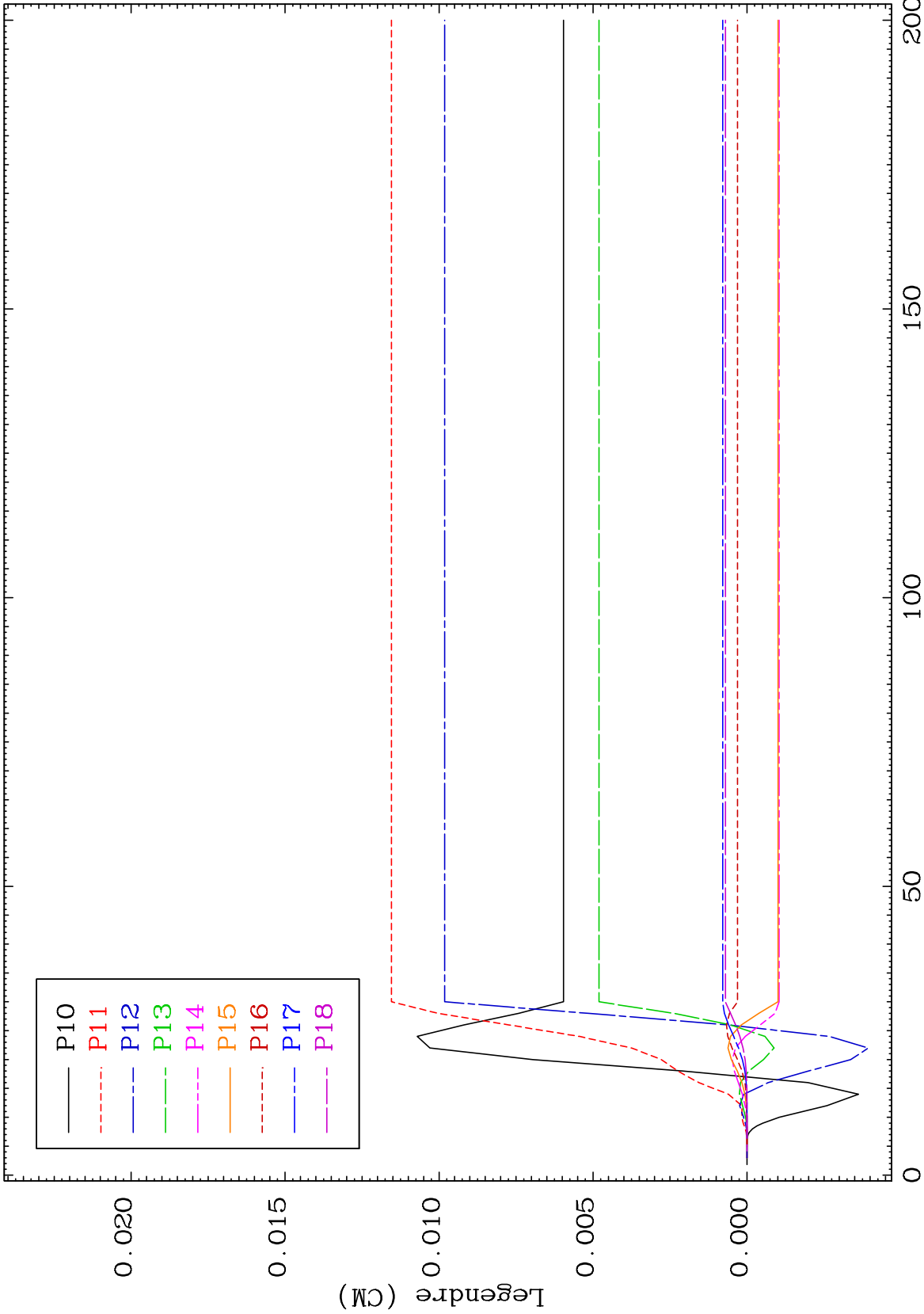
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



50

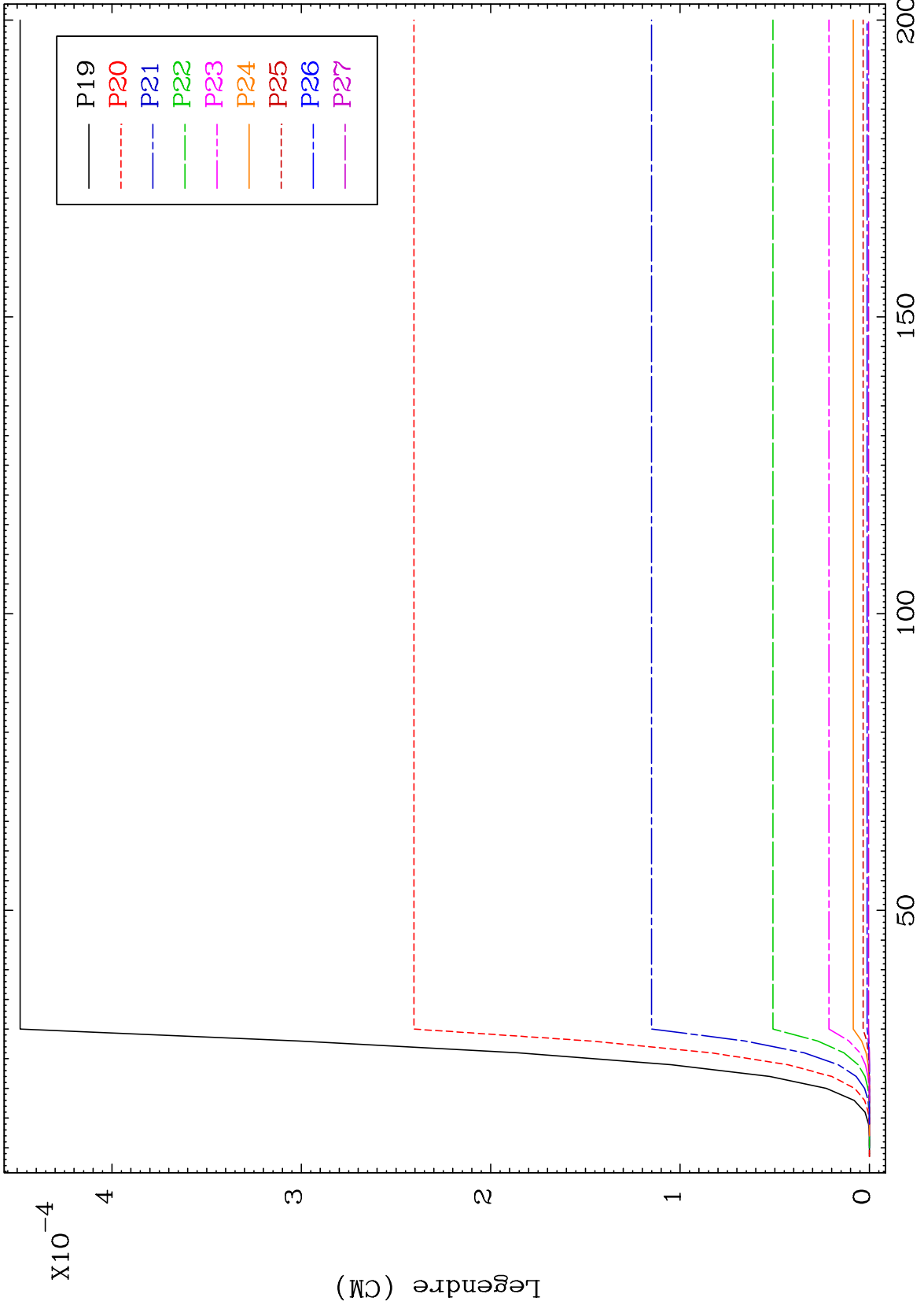
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



51

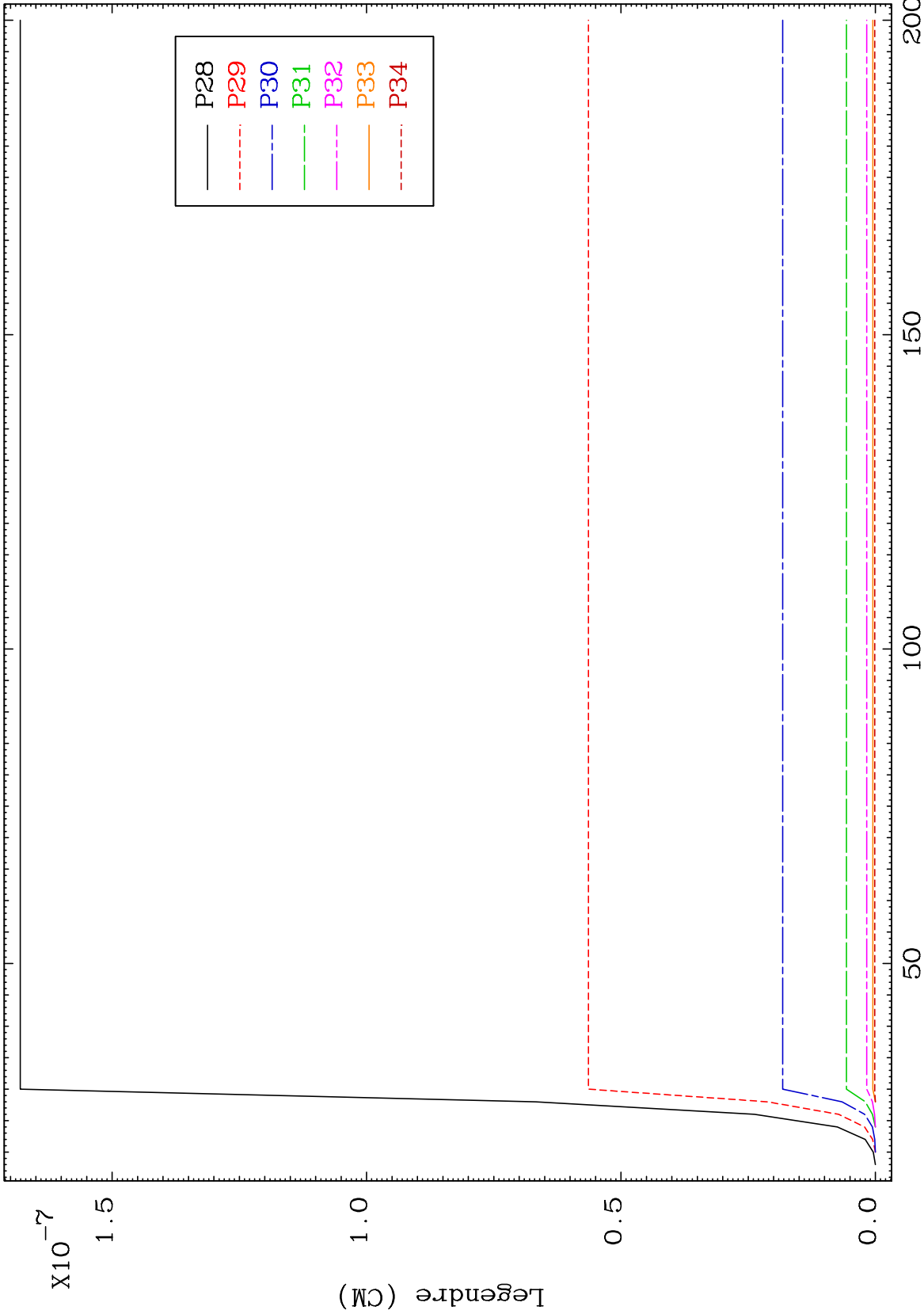
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



52

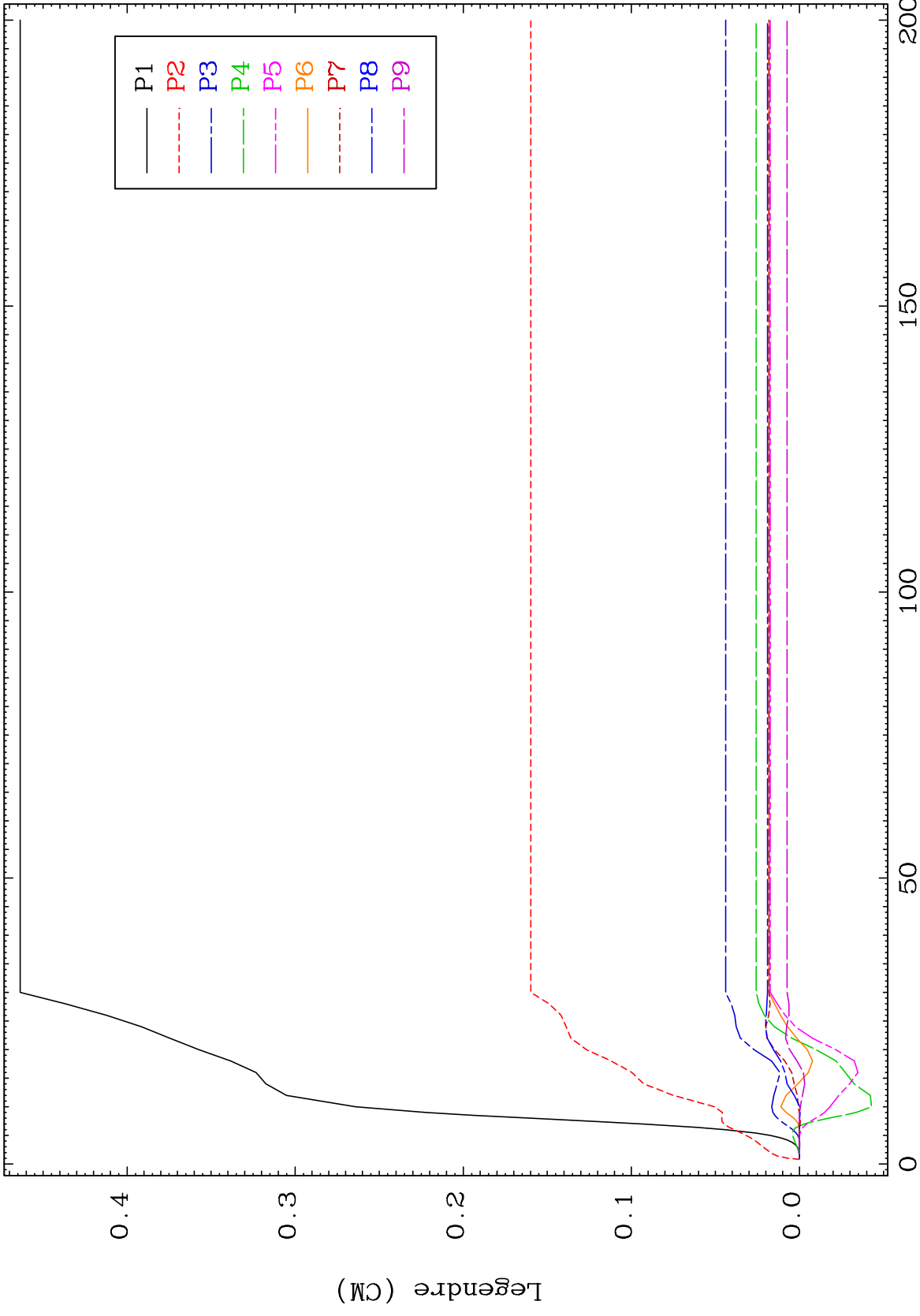
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



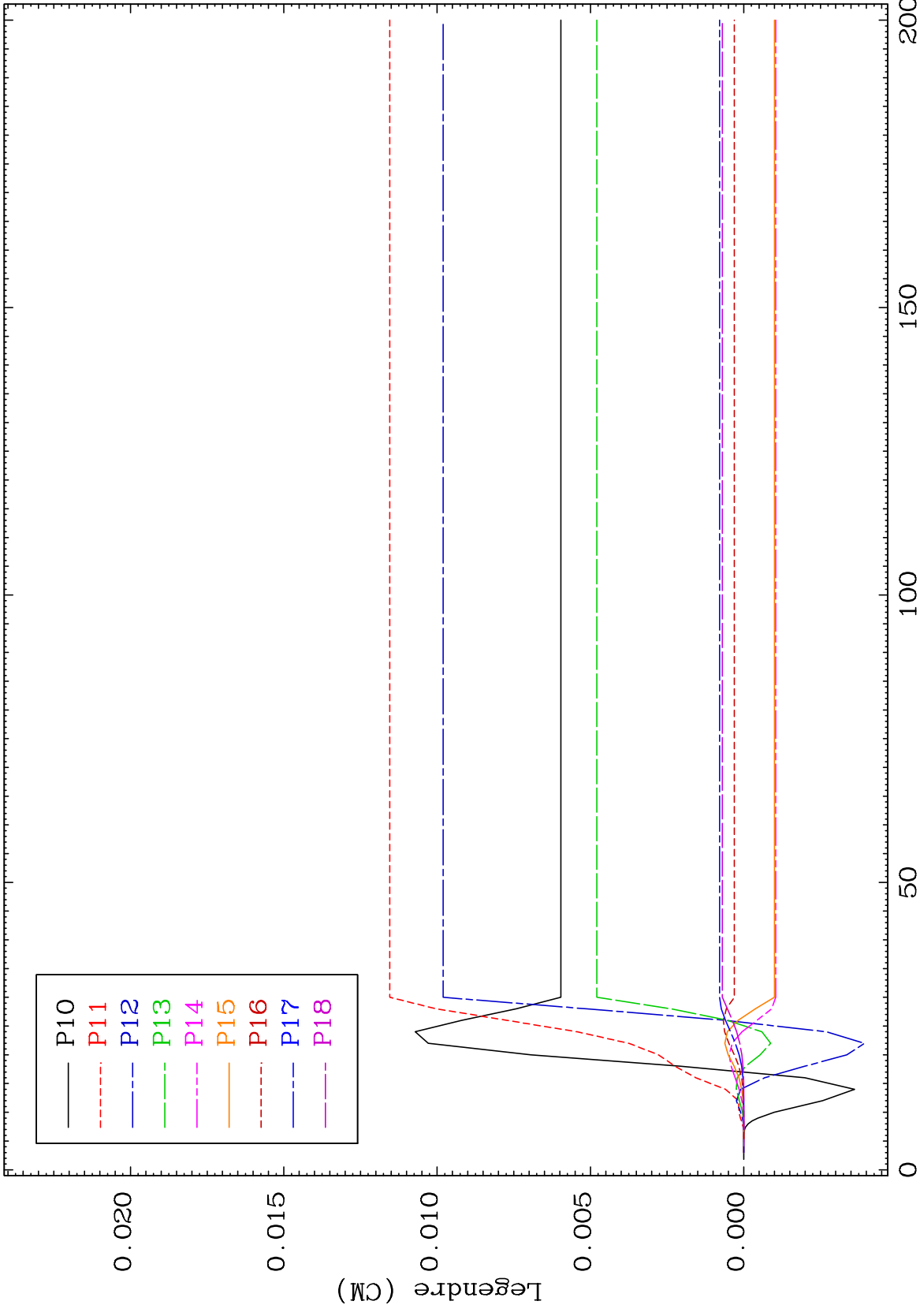
53

36-Kr-75

MAT 3616

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

36-Kr-75



54

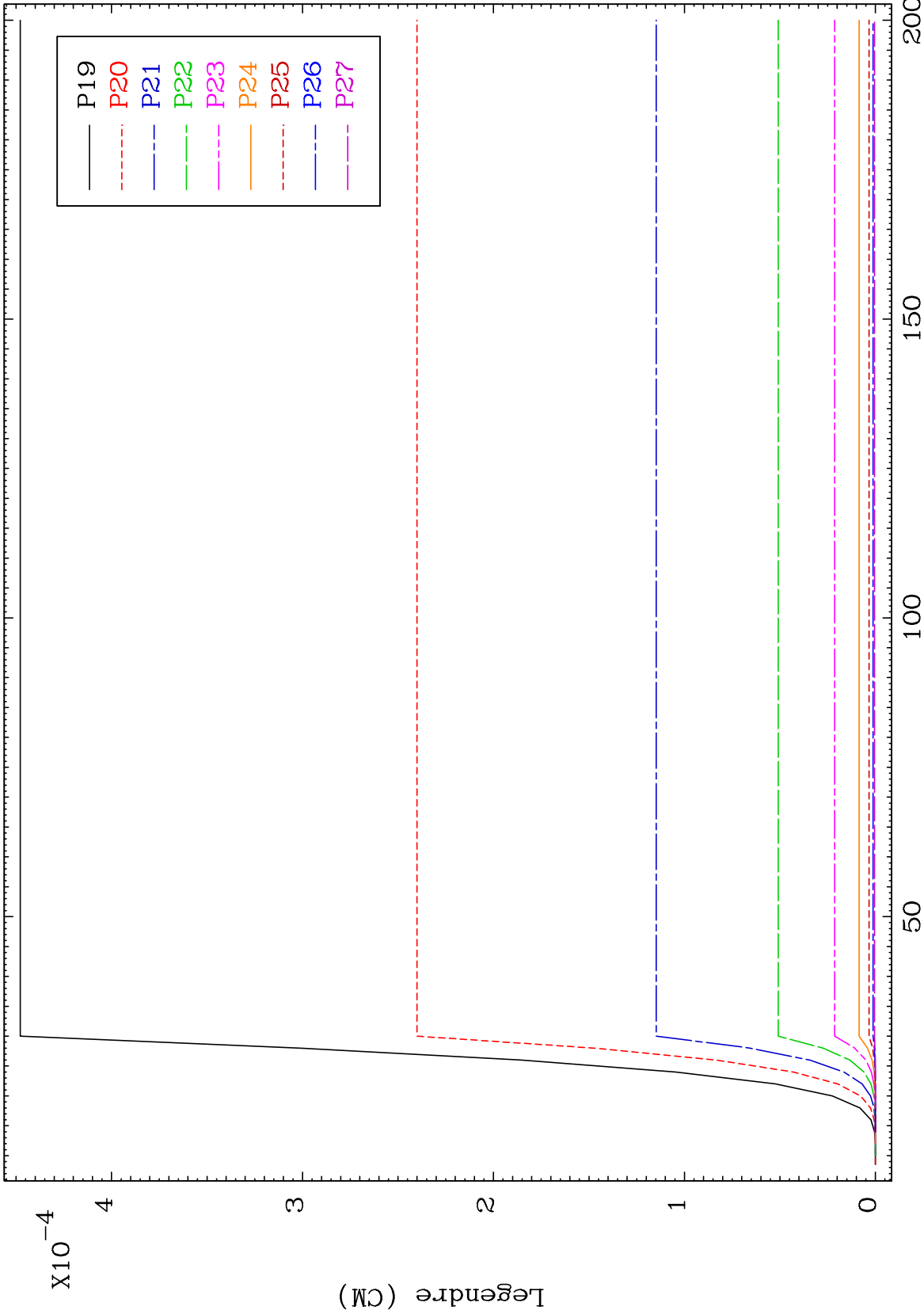
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



55

Incident Energy (MeV)

36-Kr-75

200

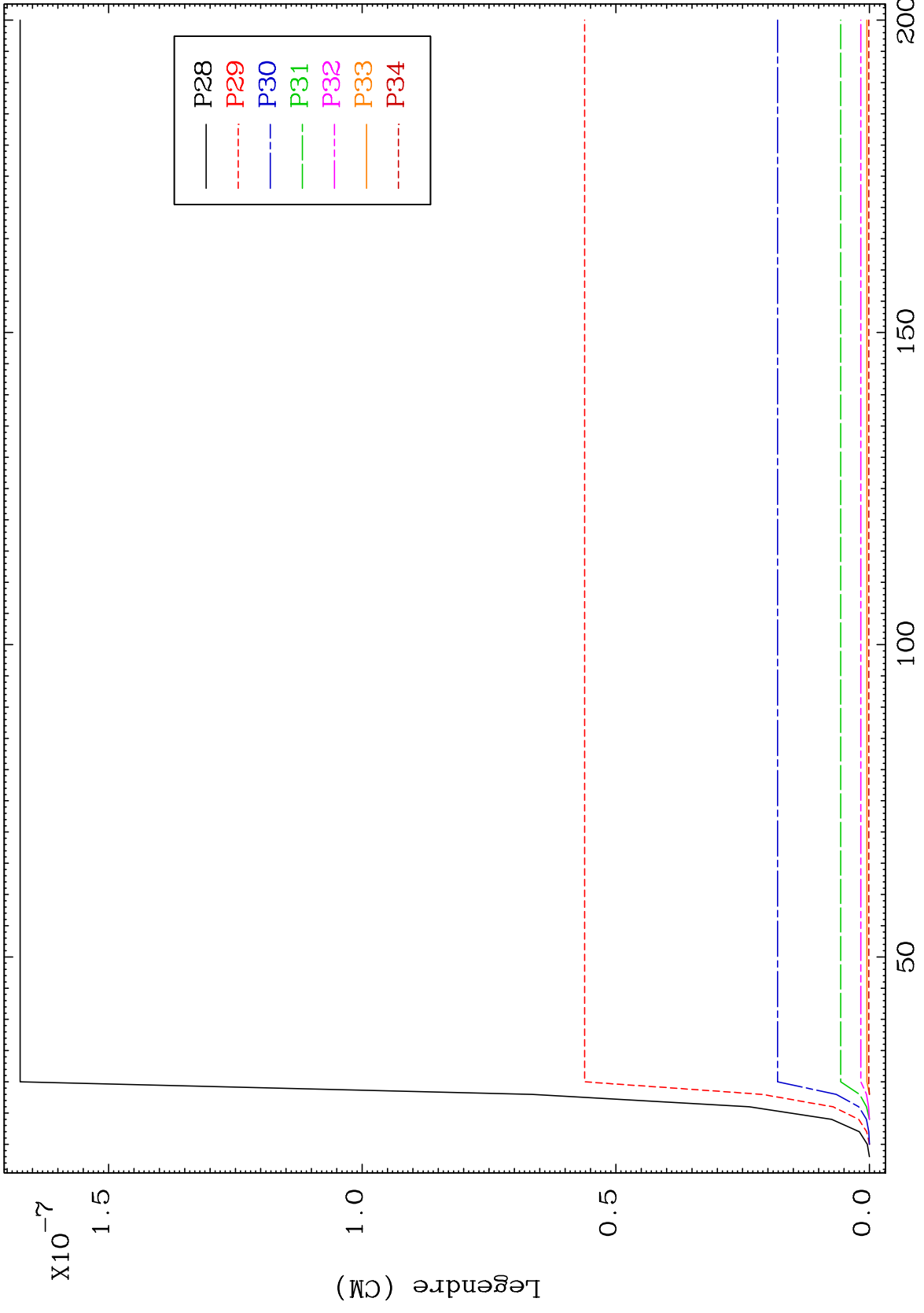
X10⁻⁴

Legendre (CM)

MAT 3616

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

36-Kr-75



56

Incident Energy (MeV)

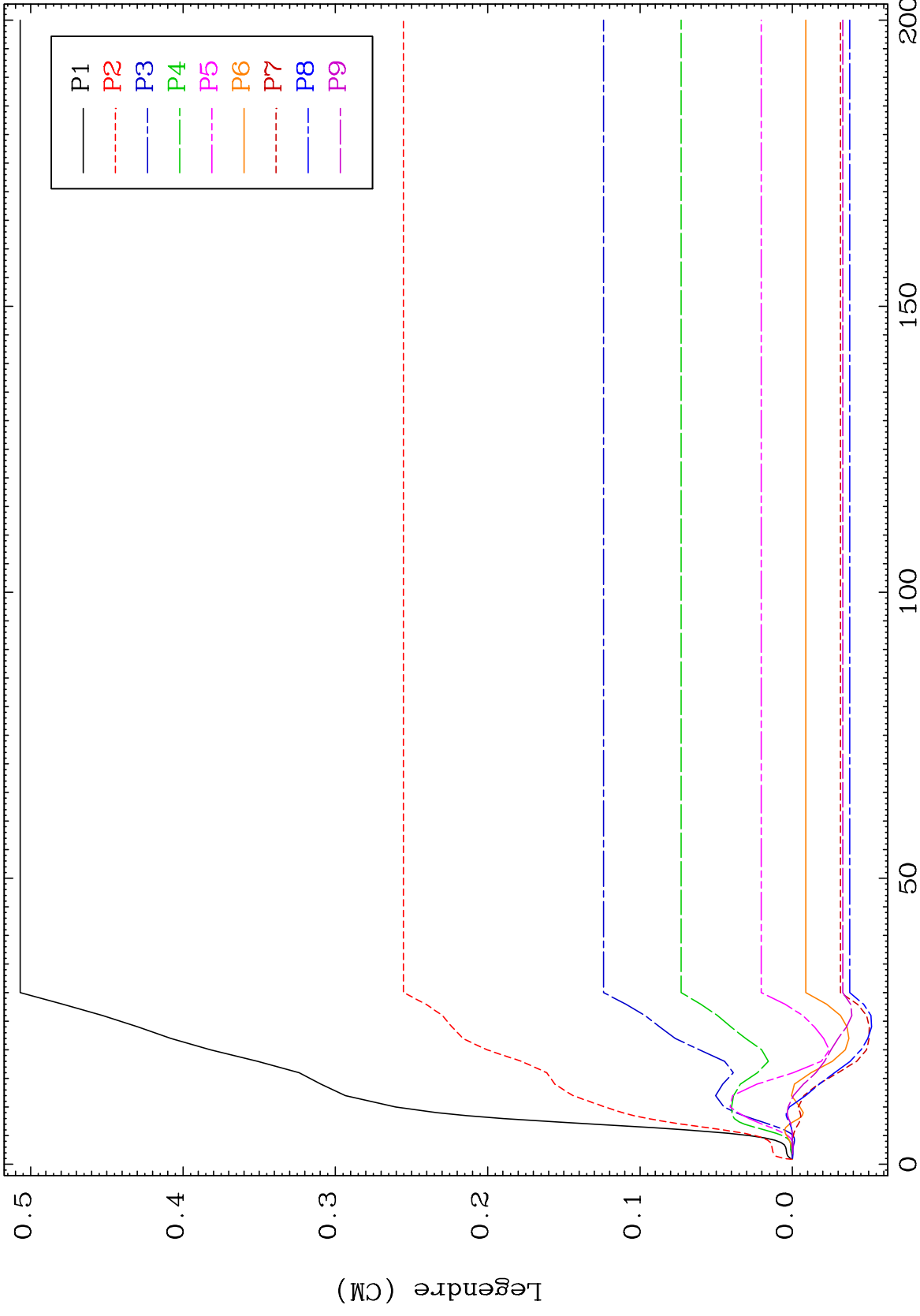
36-Kr-75

MAT 3616

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

36-Kr-75

36-Kr-75

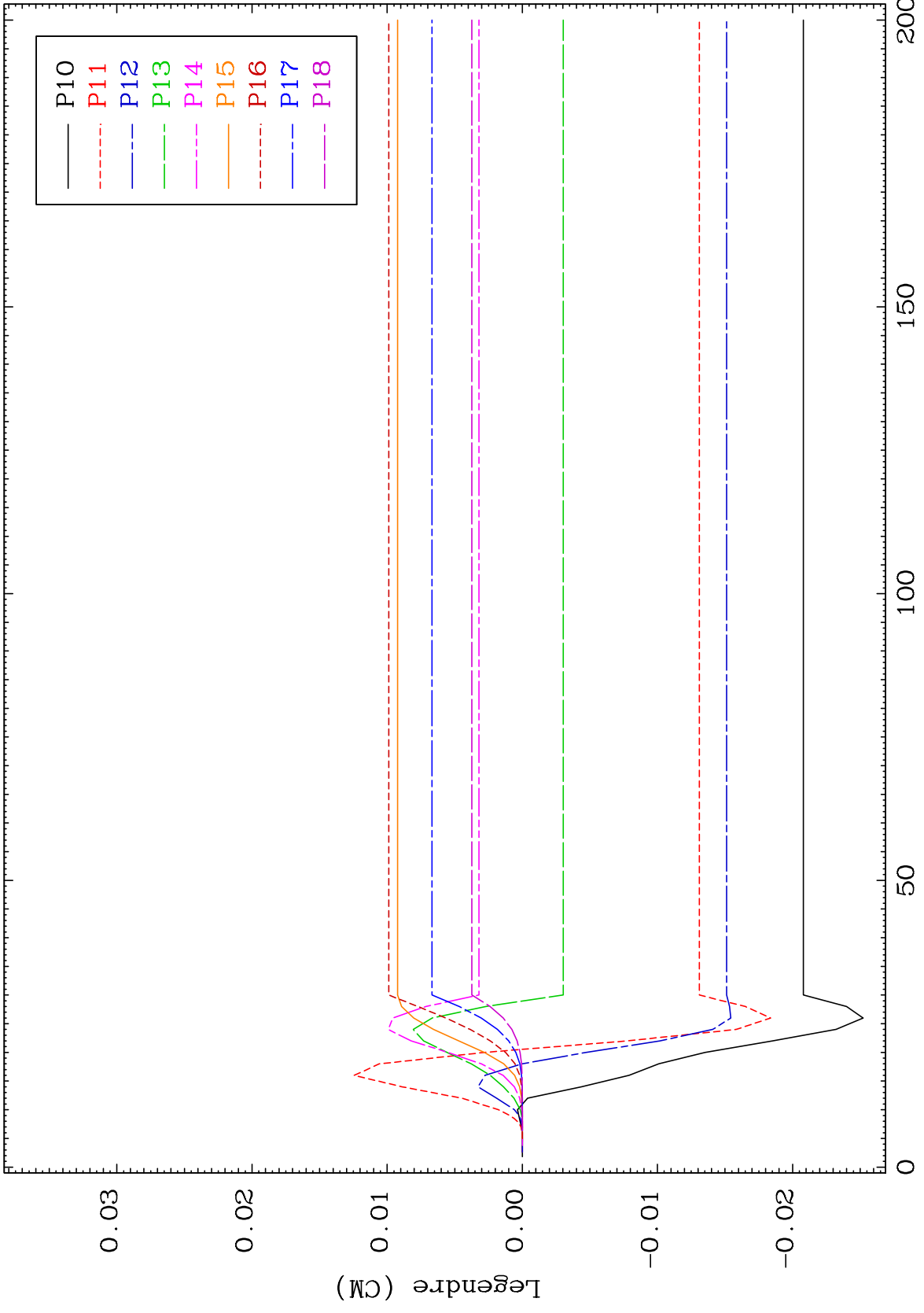


57

MAT 3616

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

36-Kr-75



58

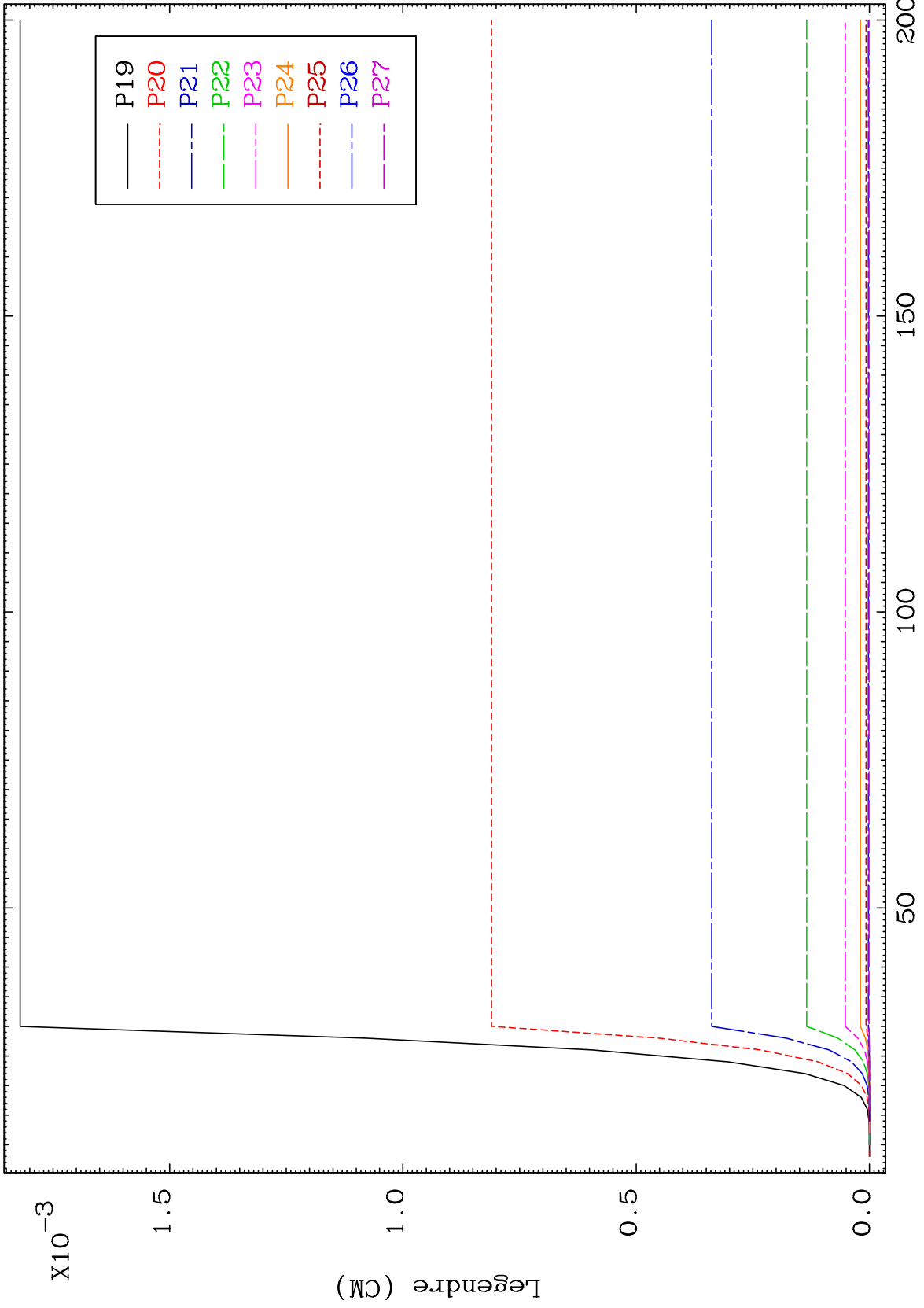
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



59

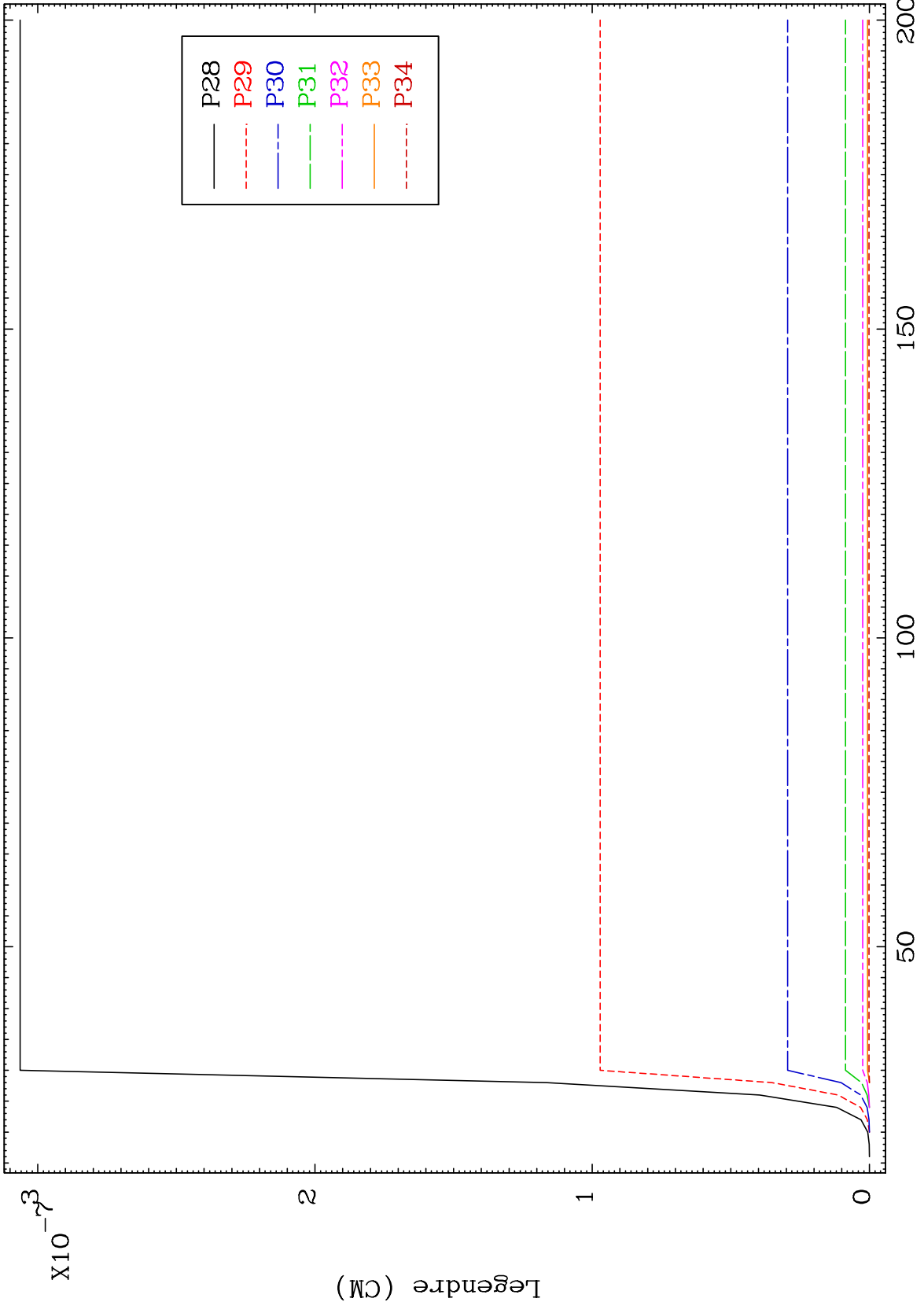
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



60

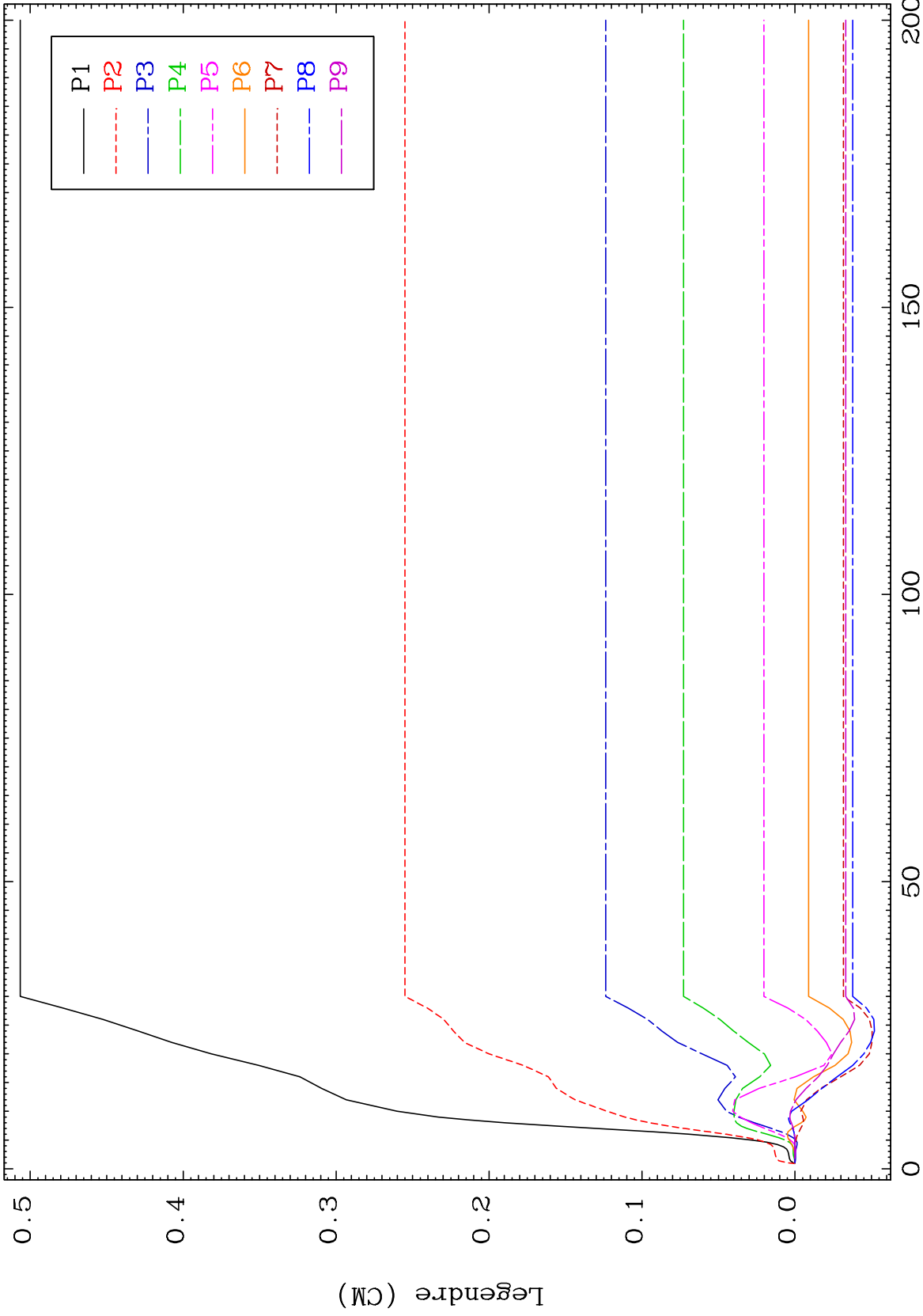
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



61

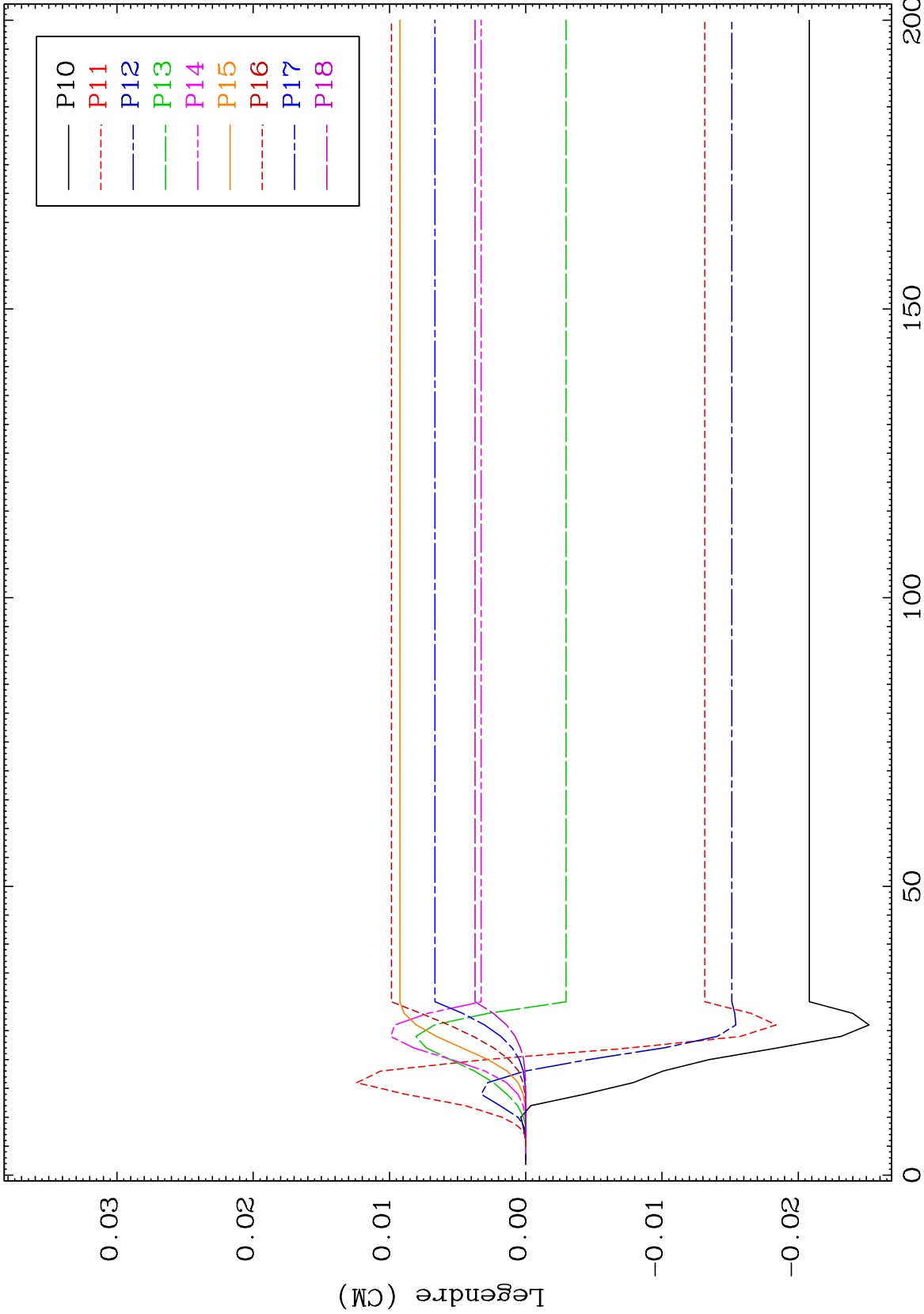
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



62

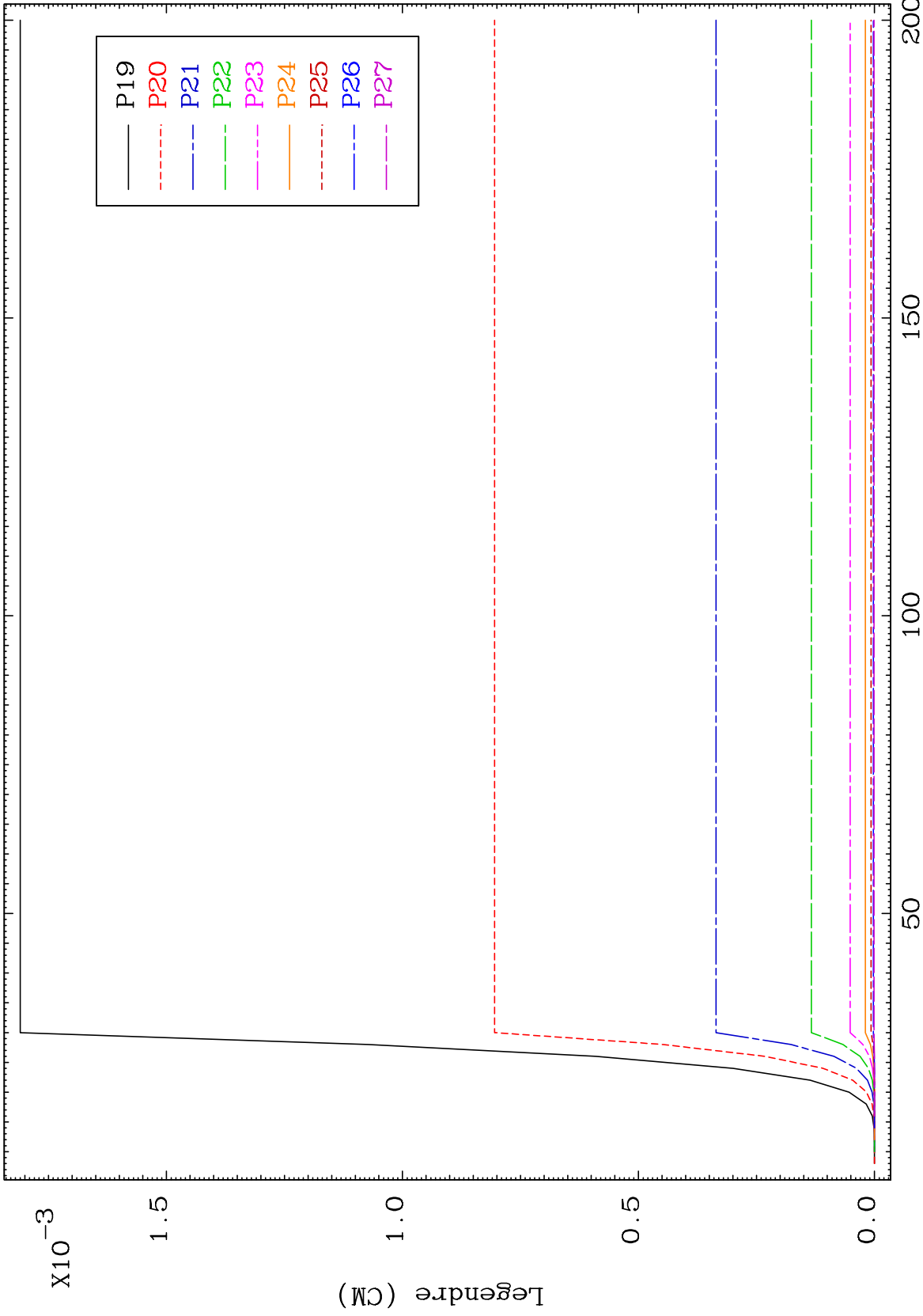
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



63

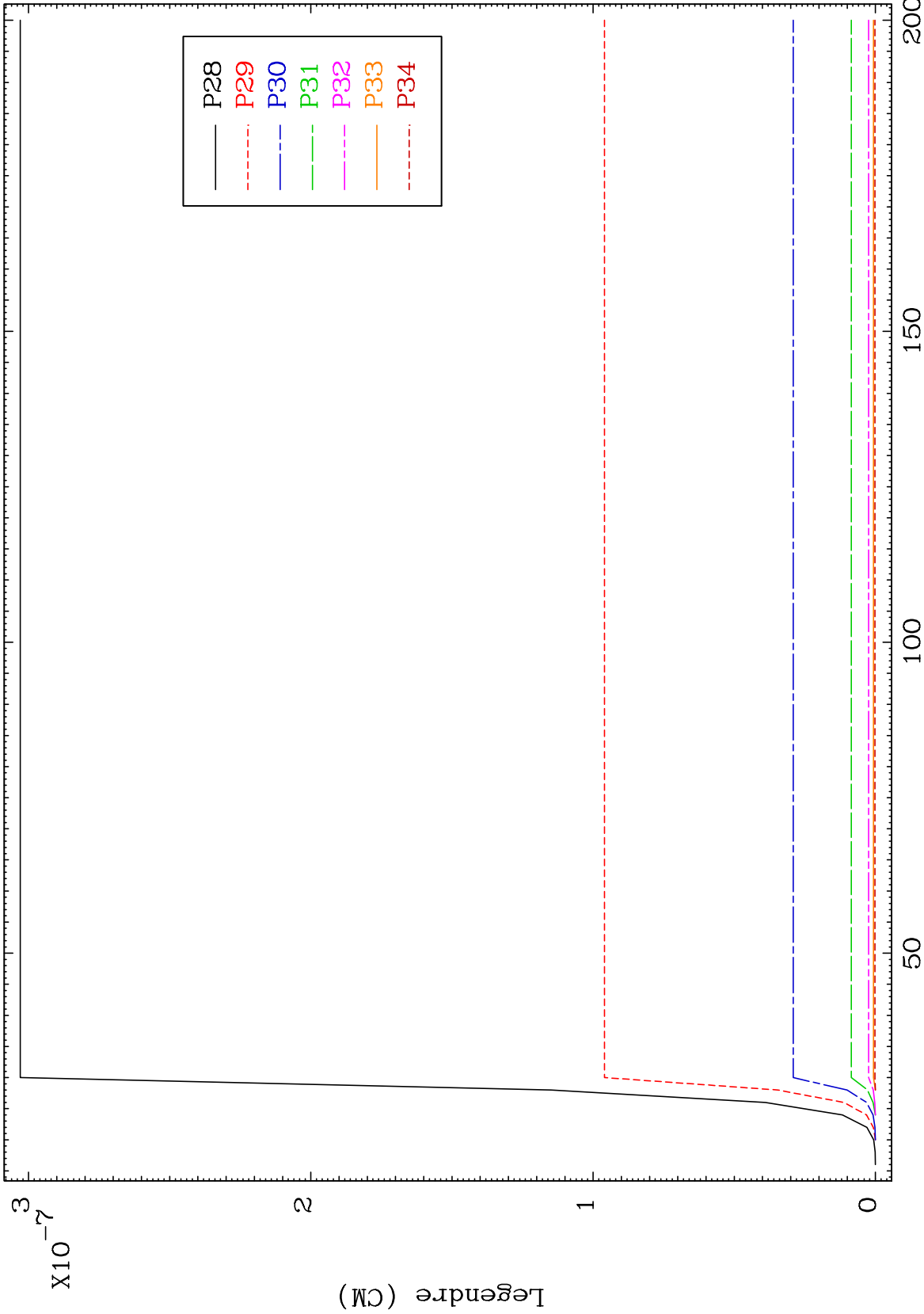
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



64

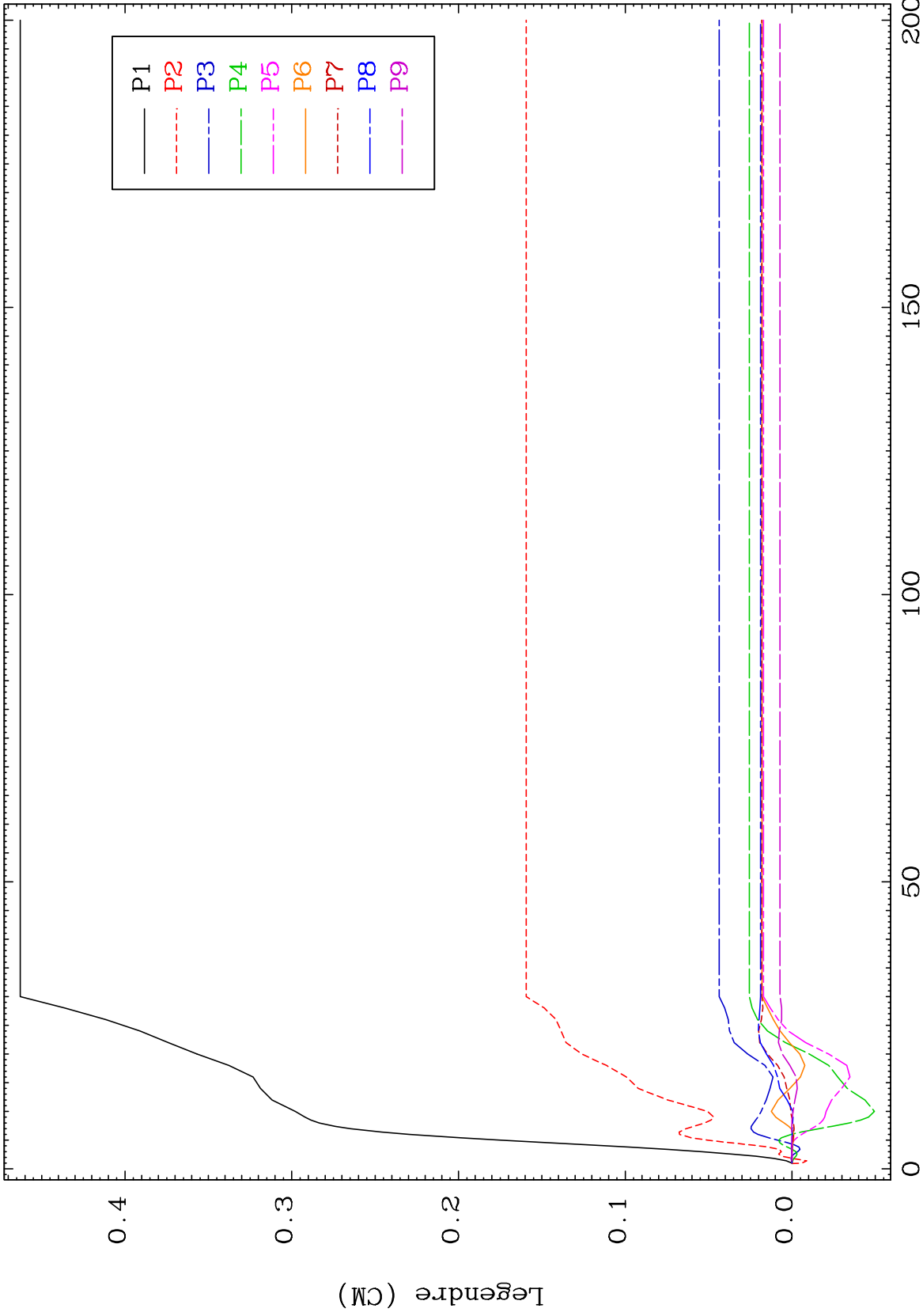
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



65

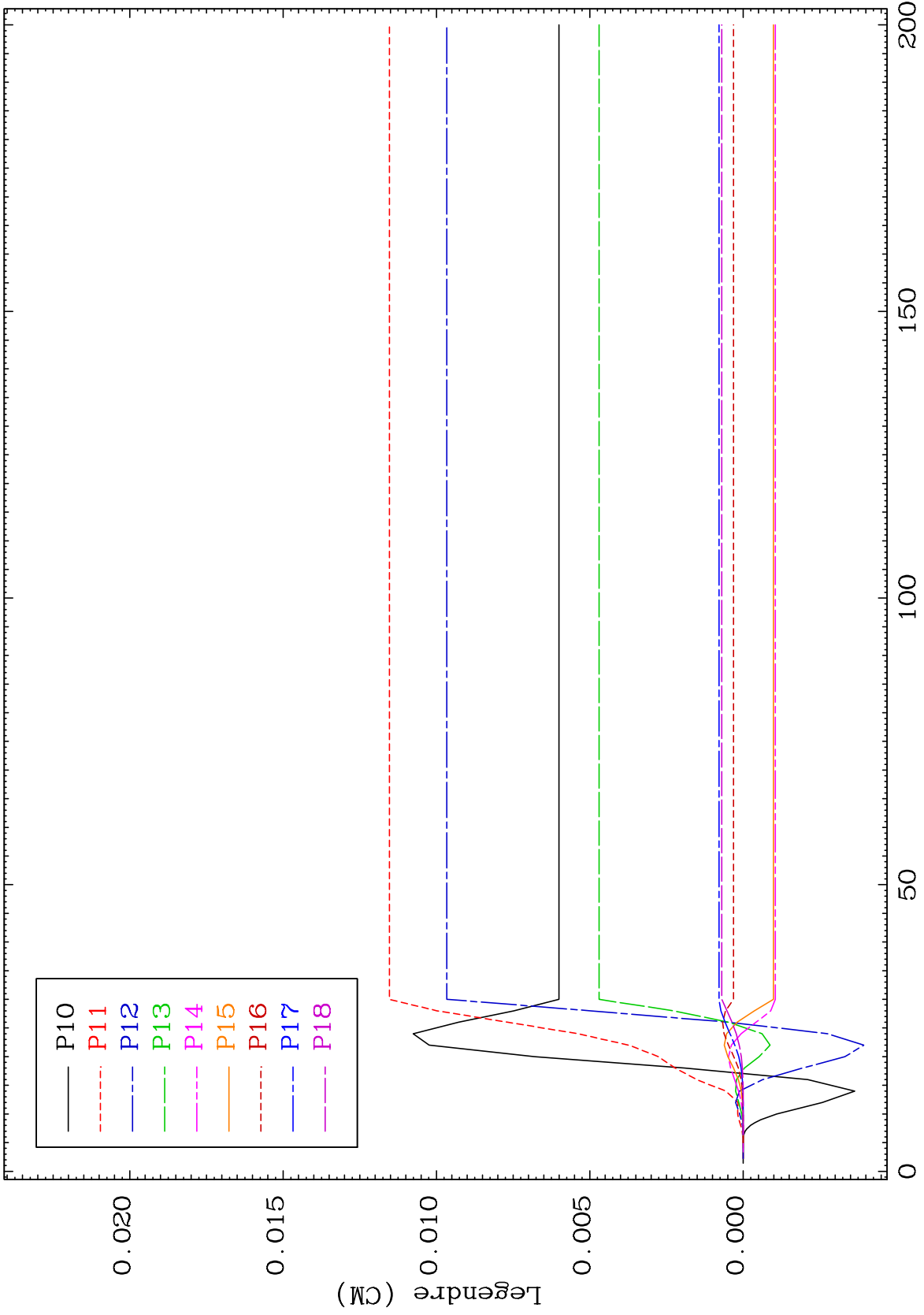
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



66

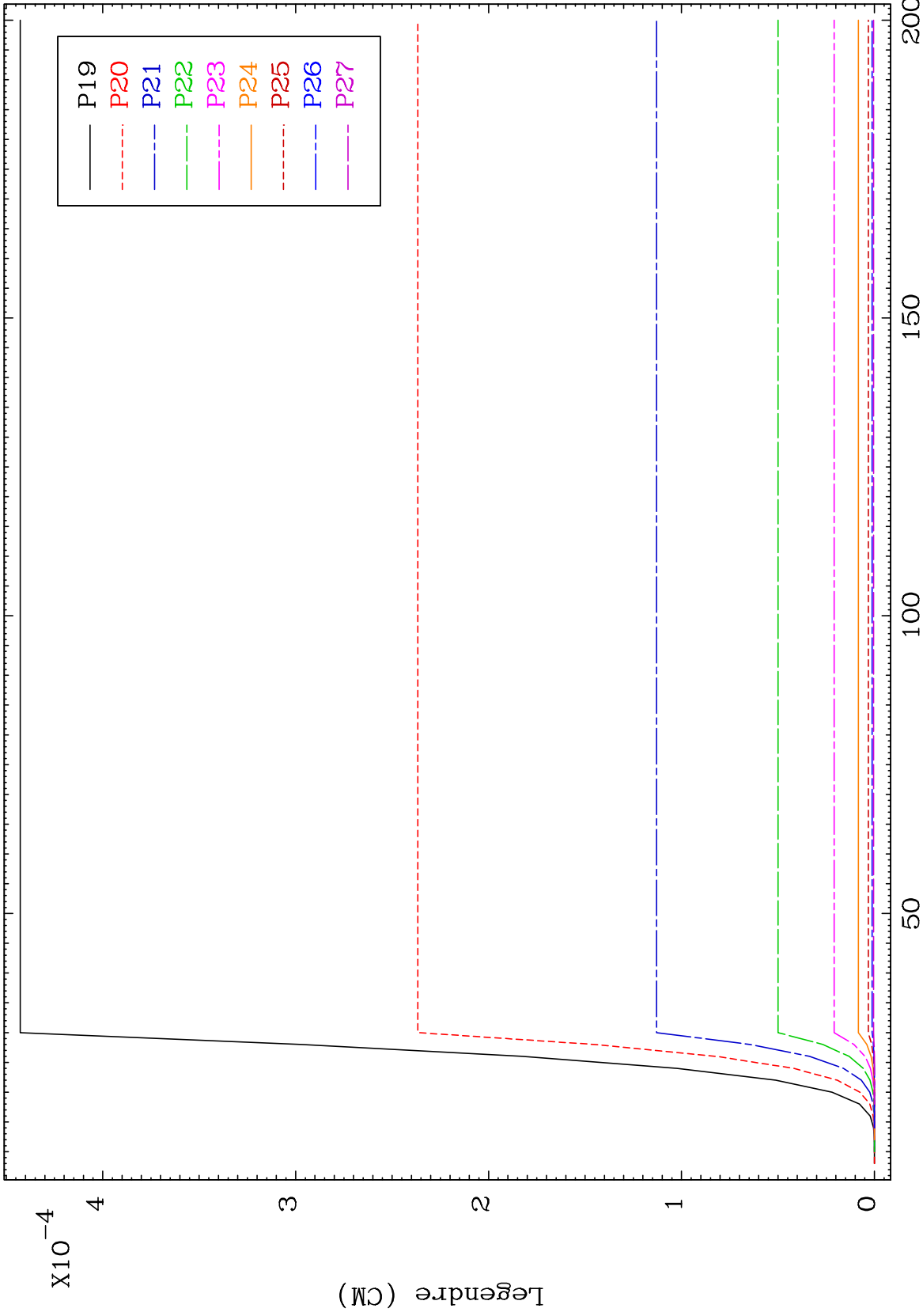
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



67

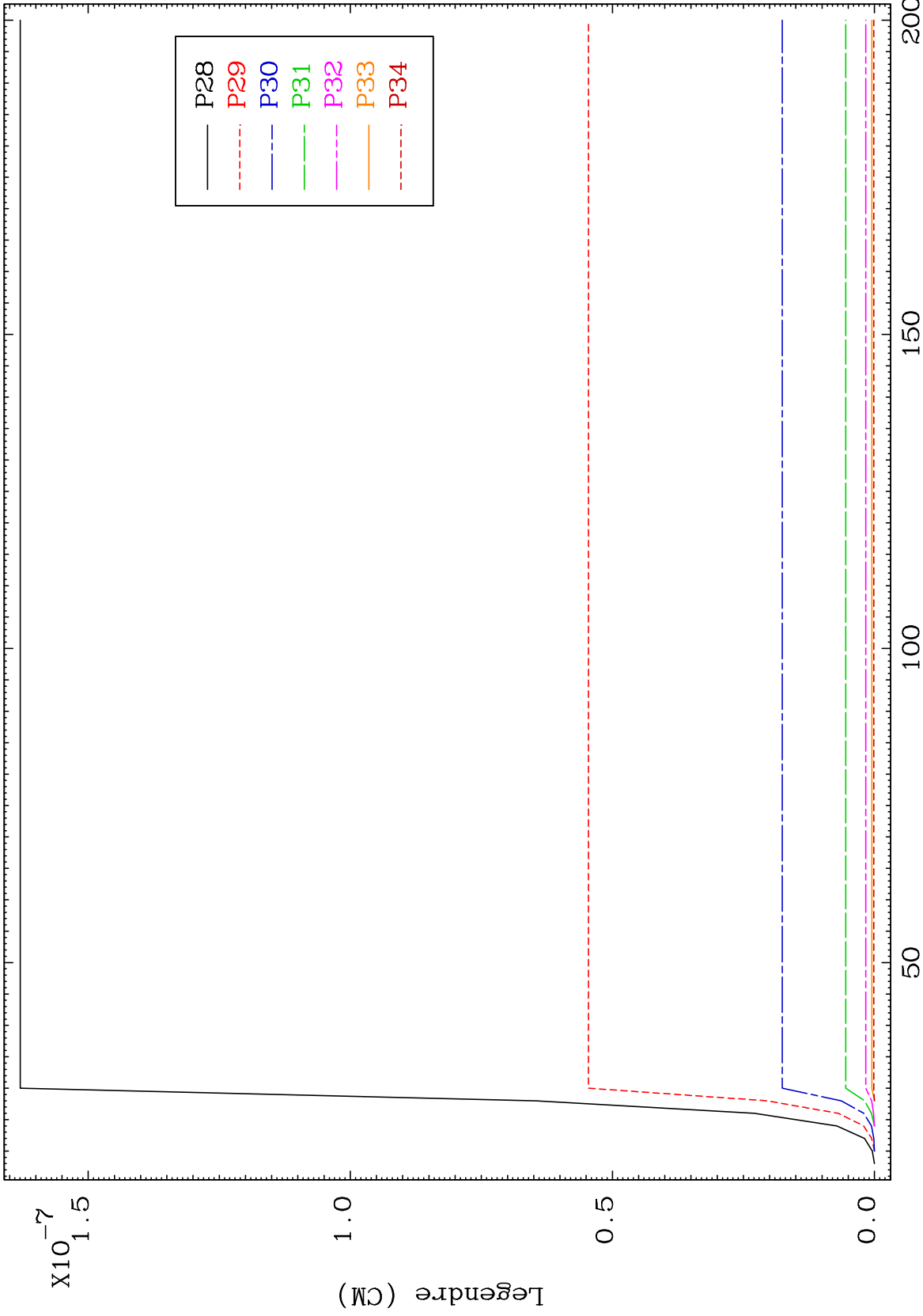
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



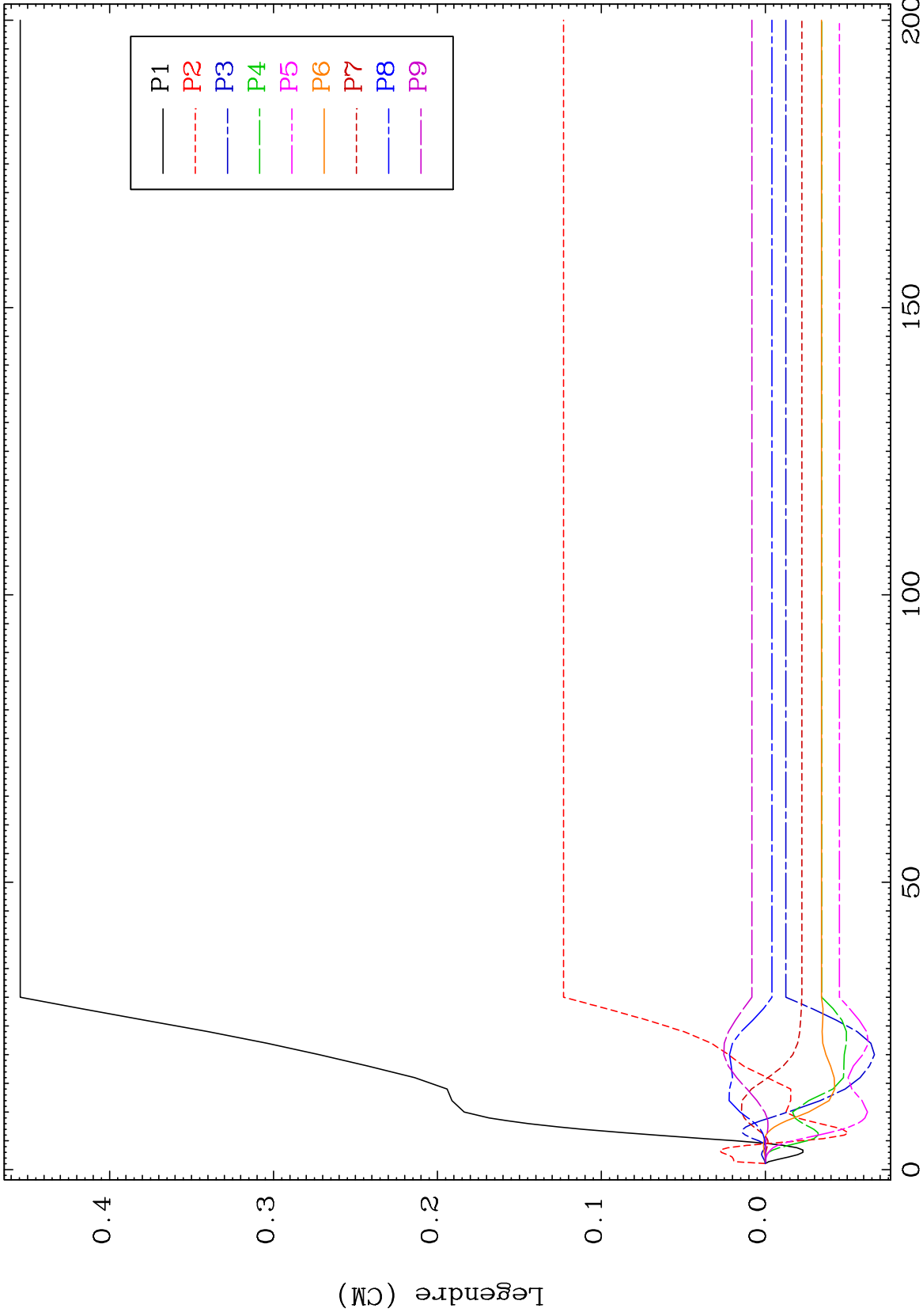
68

36-Kr-75

MAT 3616

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

36-Kr-75

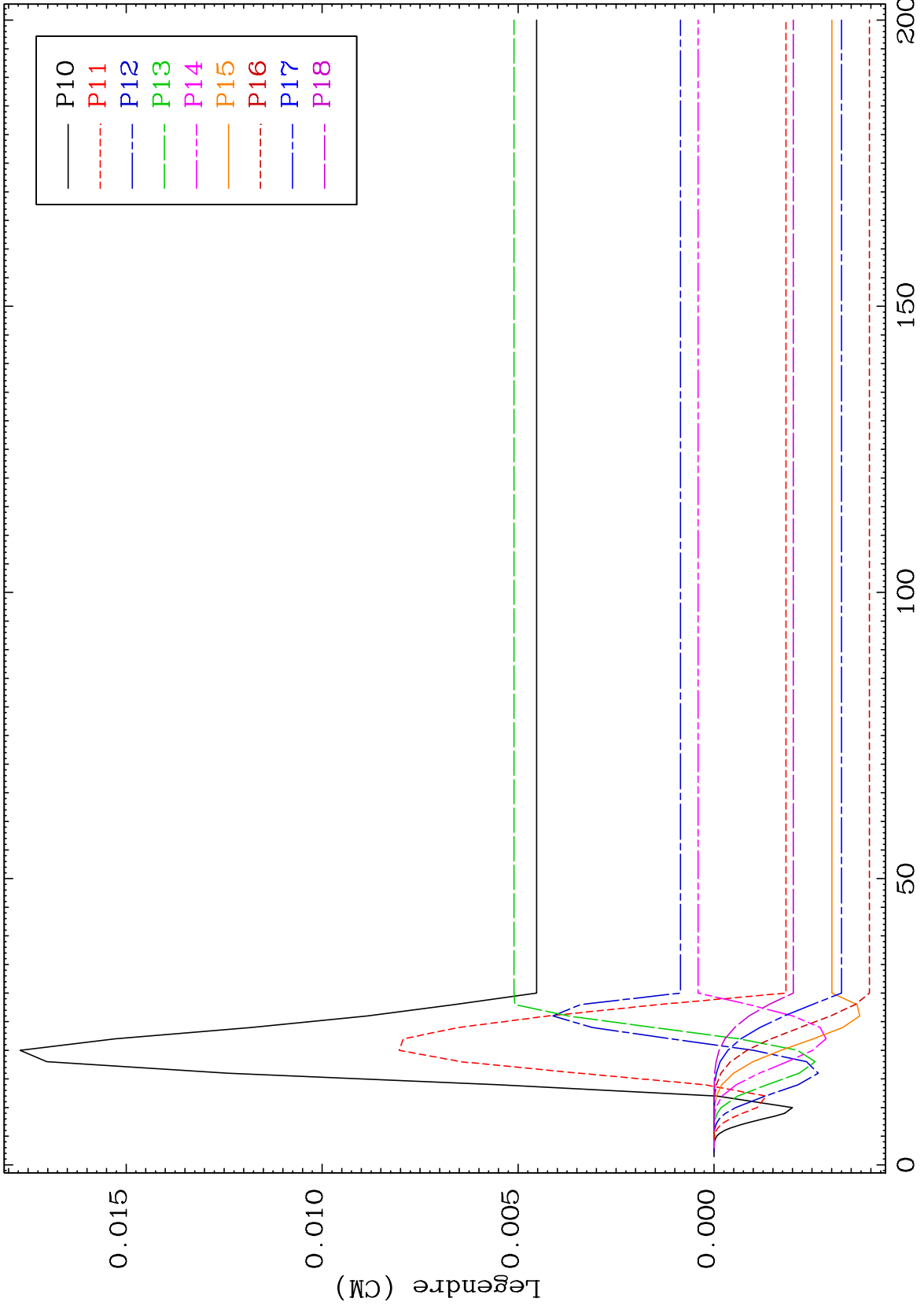


69

Incident Energy (MeV)

36-Kr-75

MAT 3616 MT= 64 (n,n') Level Legendre Coefficients 36-Kr-75

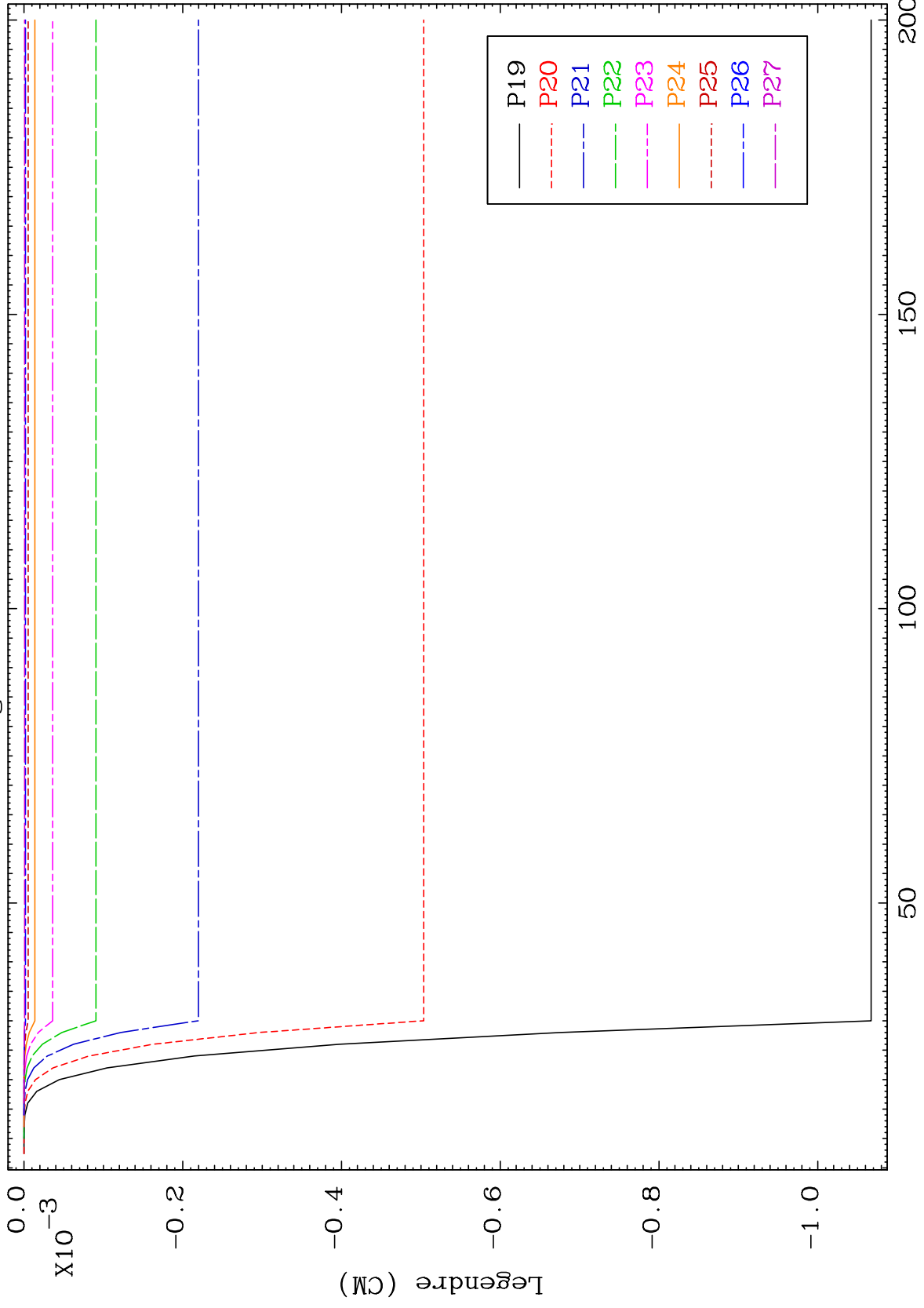


70 Incident Energy (MeV) 36-Kr-75

MAT 3616

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

36-Kr-75



71

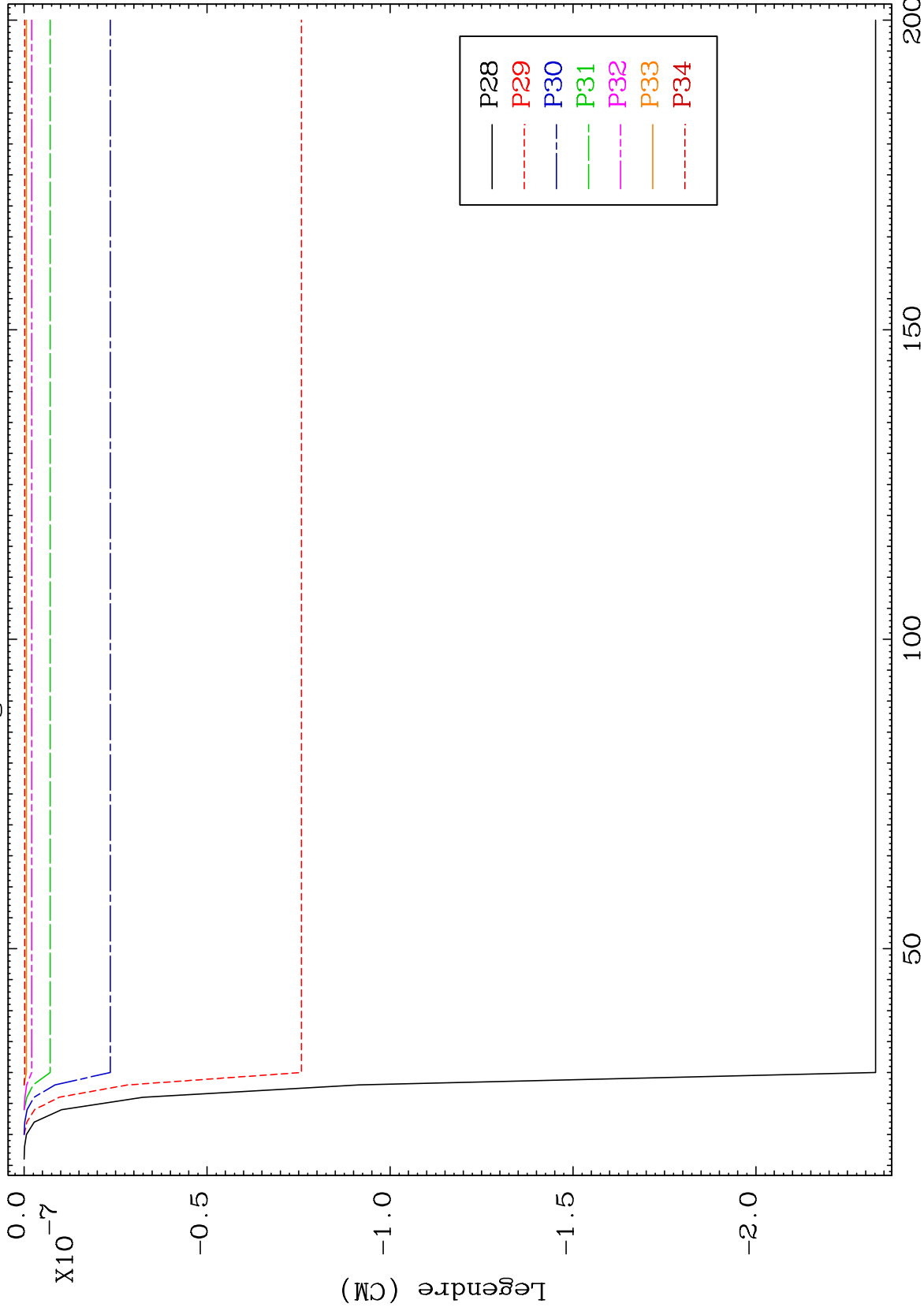
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



36-Kr-75

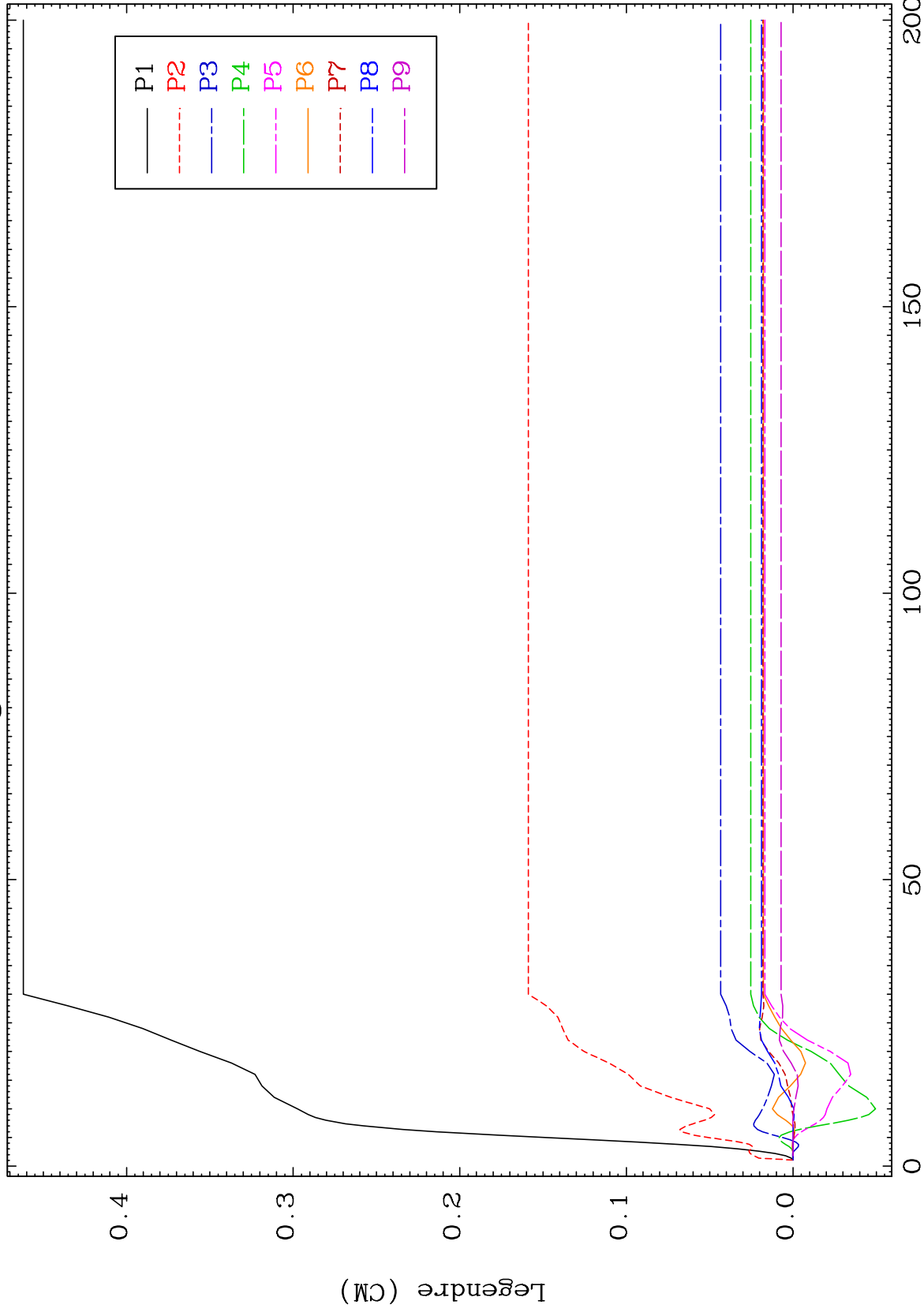
Incident Energy (MeV)

72

MAT 3616

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

36-Kr-75



73

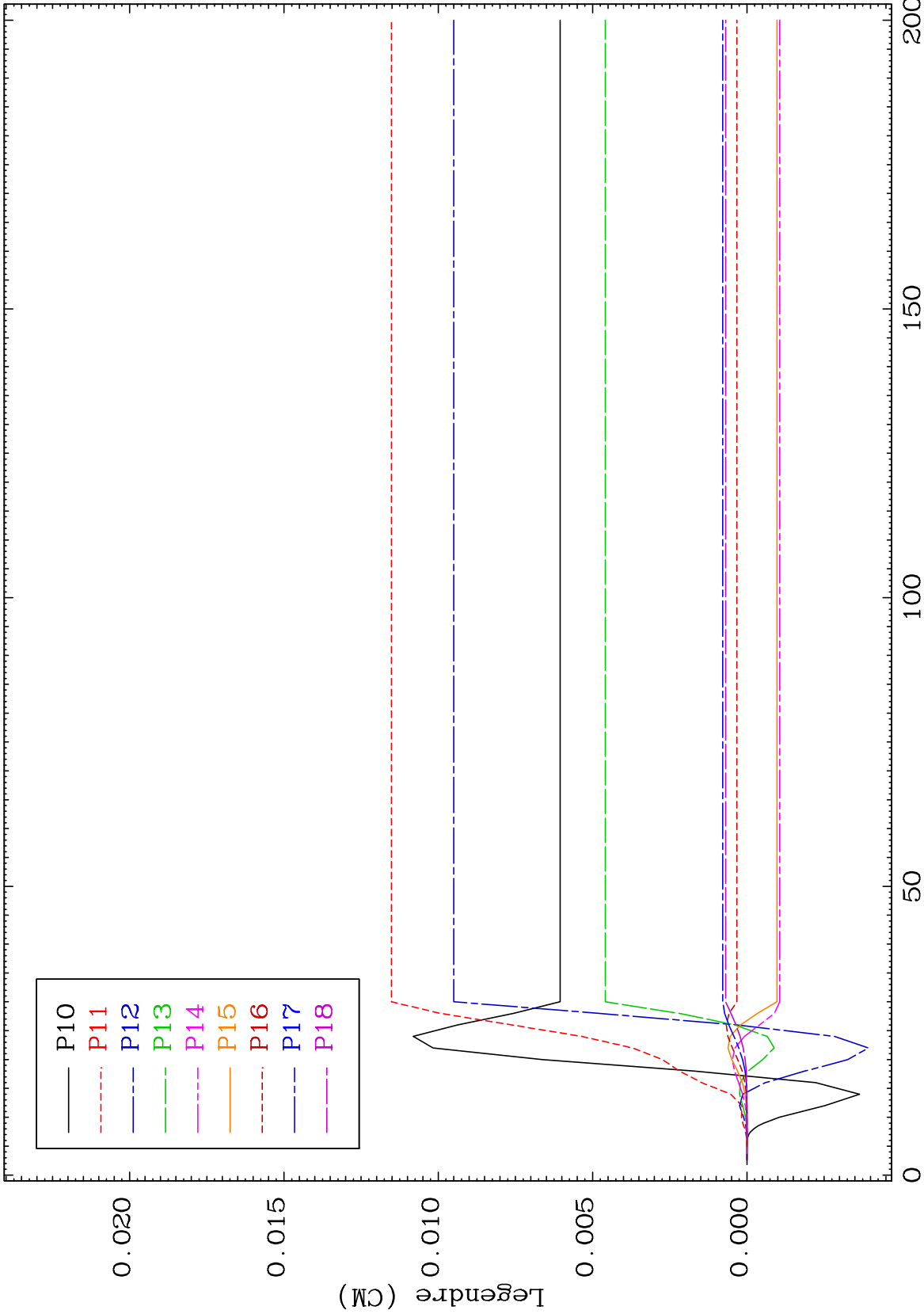
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



74

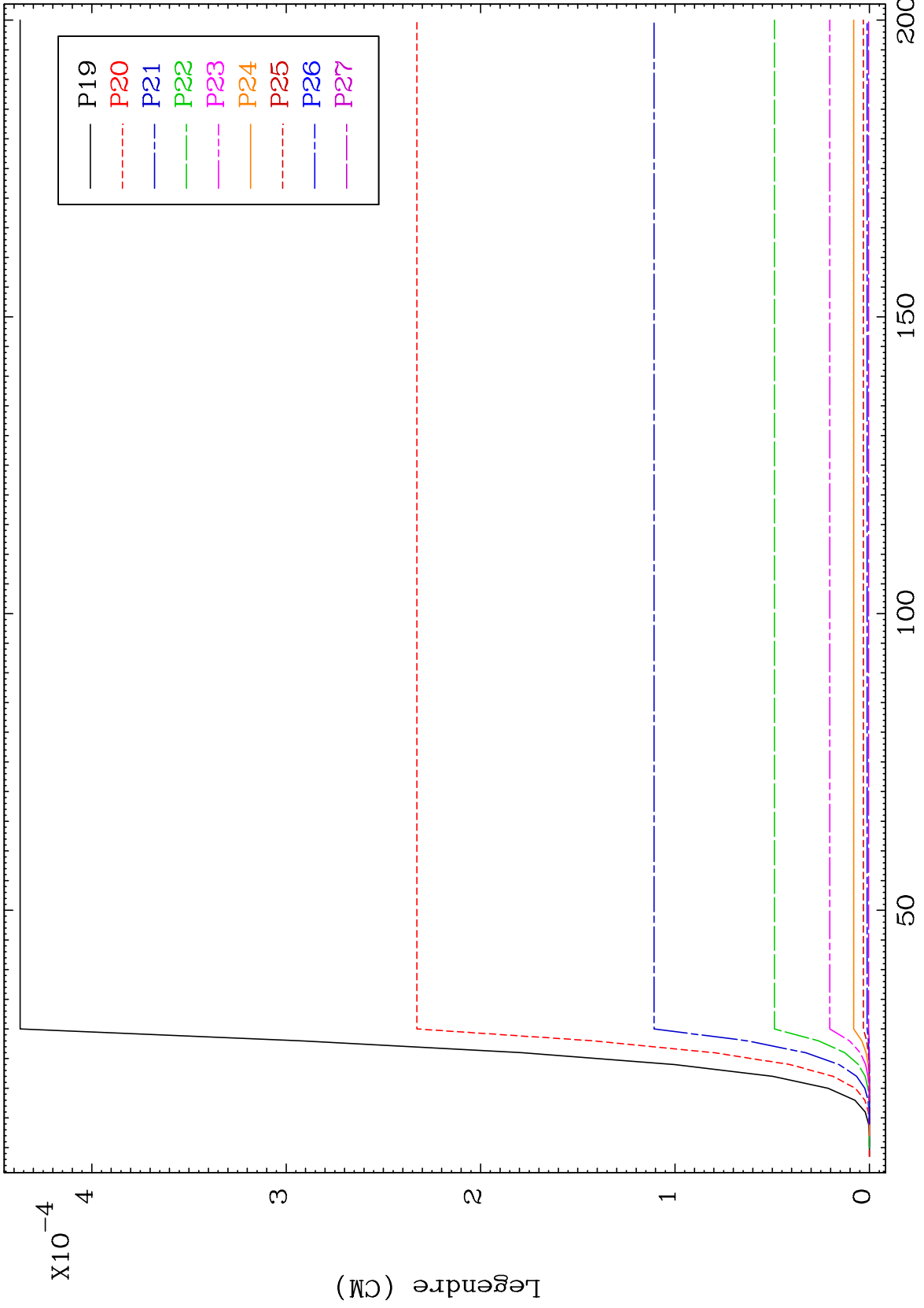
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



75

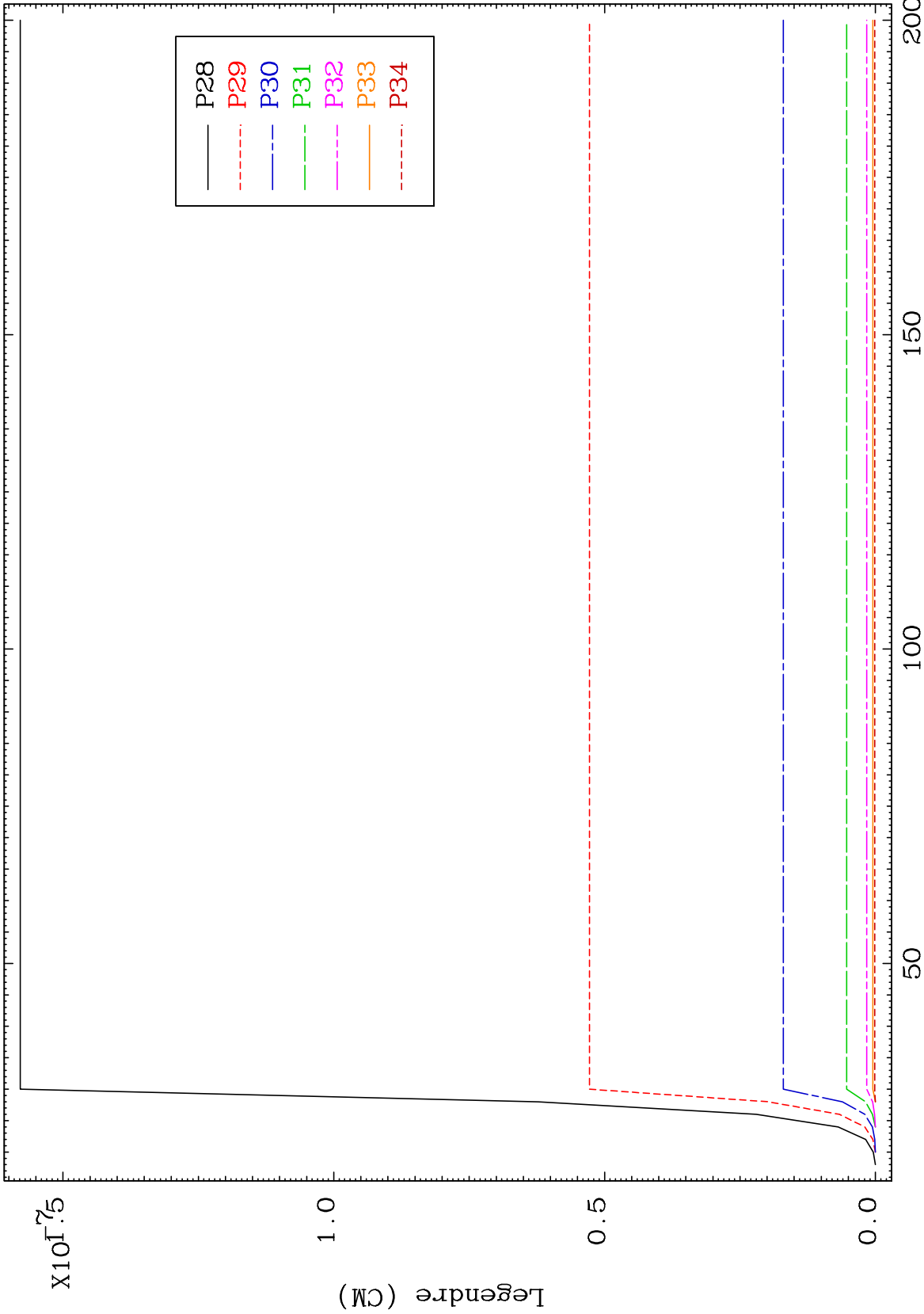
Incident Energy (MeV)

36-Kr-75

MAT 3616

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

36-Kr-75



76

Incident Energy (MeV)

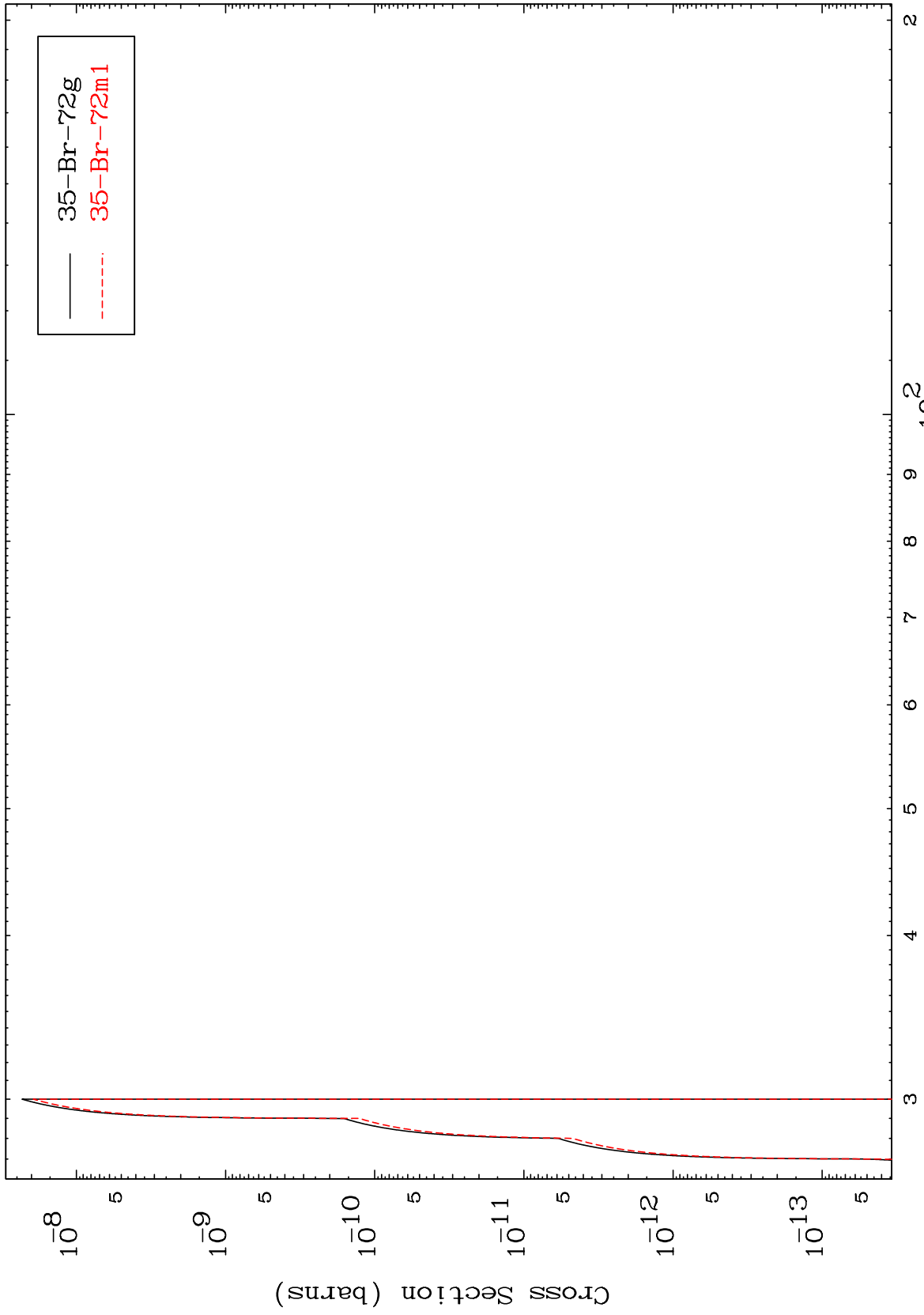
36-Kr-75

MAT 3616

(n,2n) d

36-Kr-75

Radionuclide Production Cross Section



77

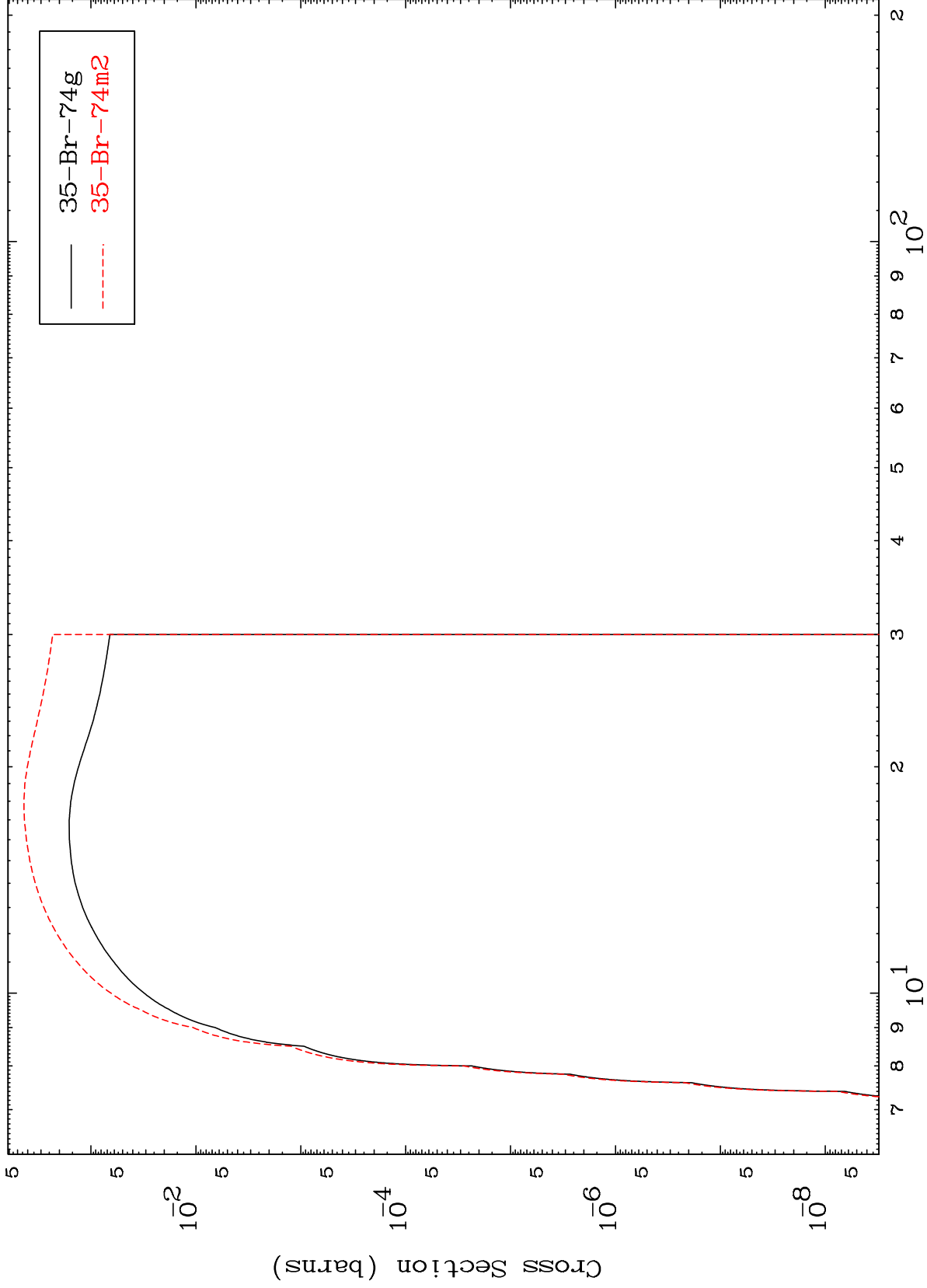
Incident Energy (MeV)

36-Kr-75

MAT 3616

36-Kr-75

(n,n') p
Radionuclide Production Cross Section



78

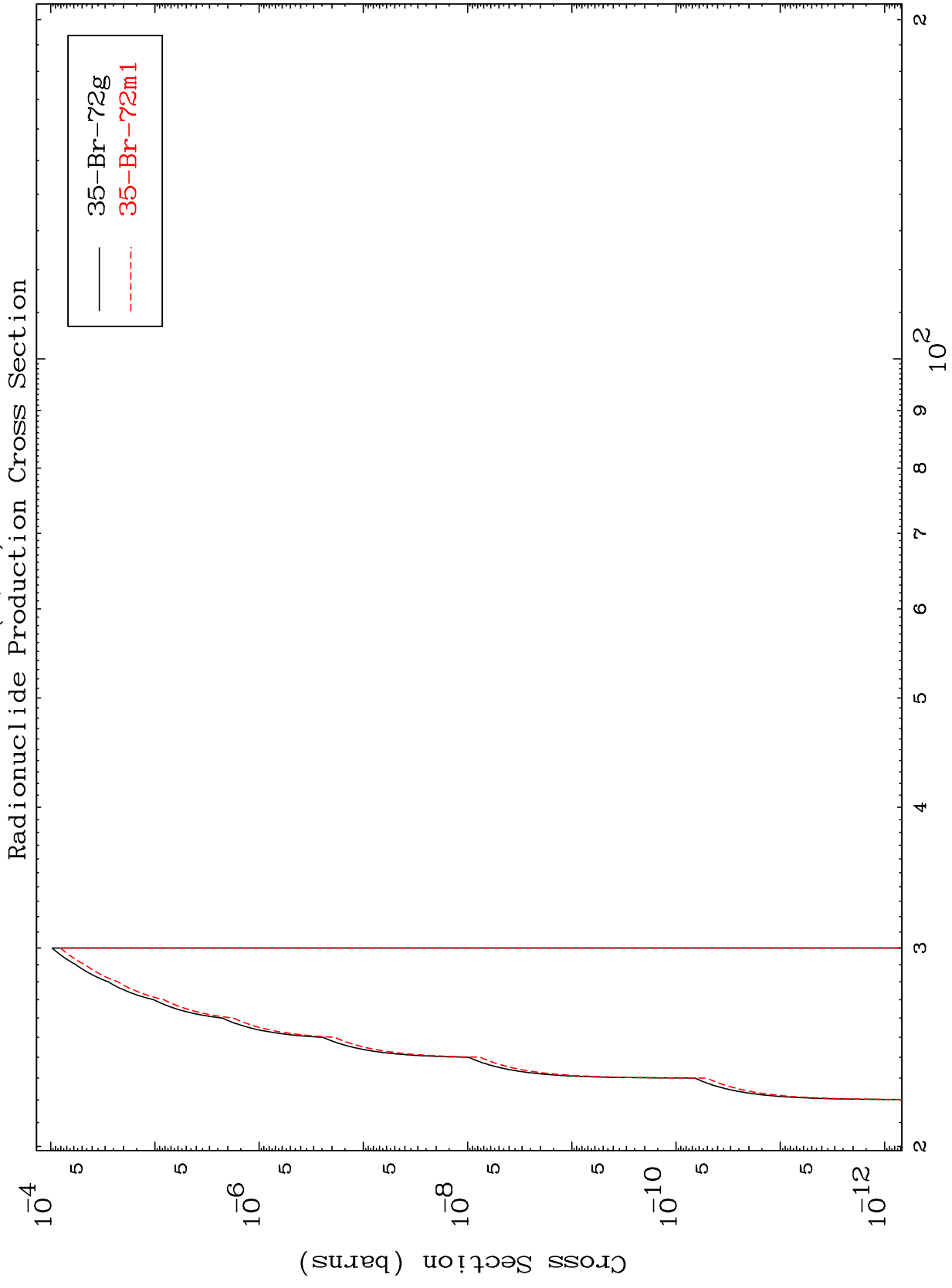
Incident Energy (MeV)

36-Kr-75

MAT 3616

(n,n') t

36-Kr-75



79

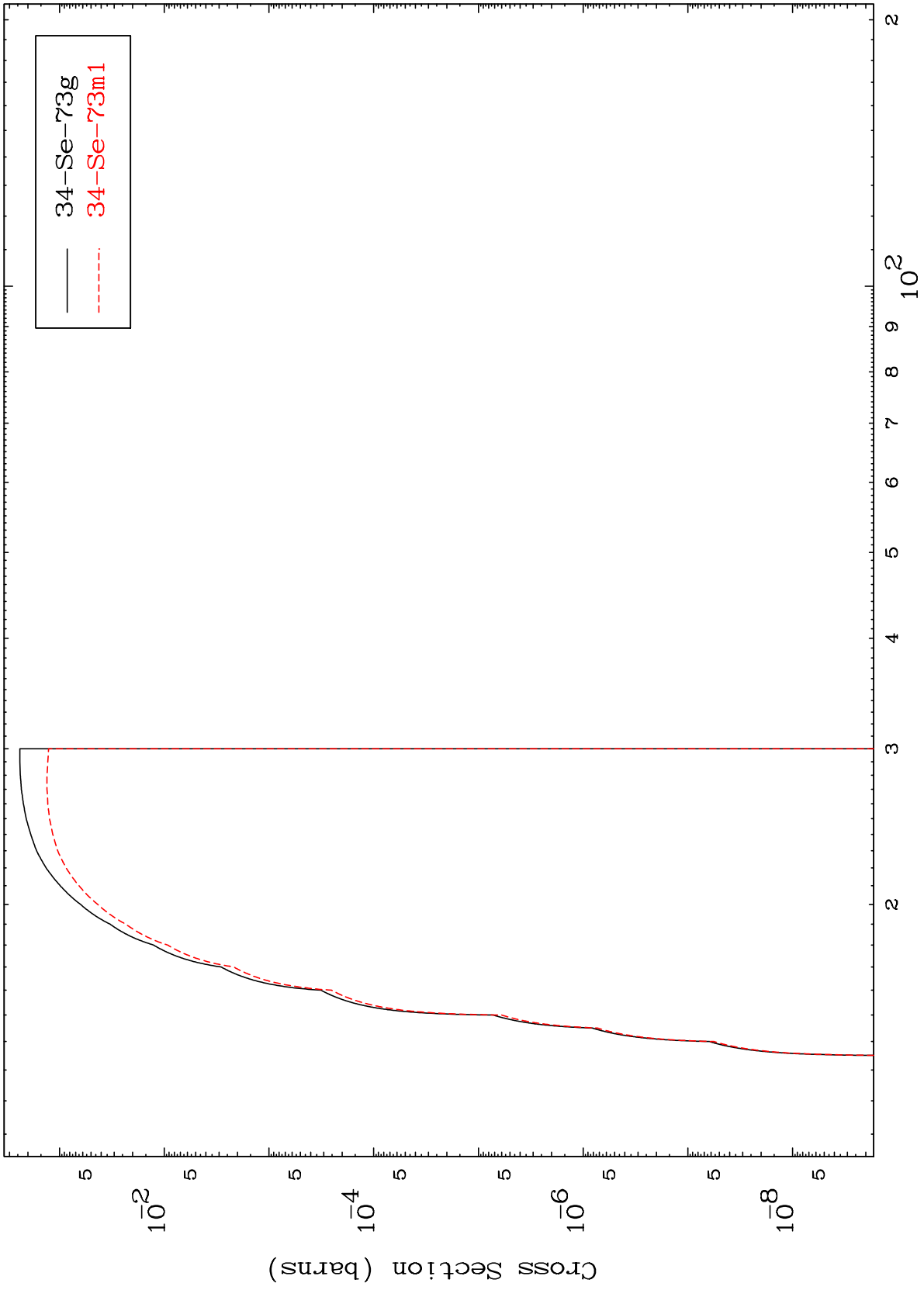
36-Kr-75

MAT 3616

(n,2n) p

³⁶Kr-75

Radionuclide Production Cross Section



80

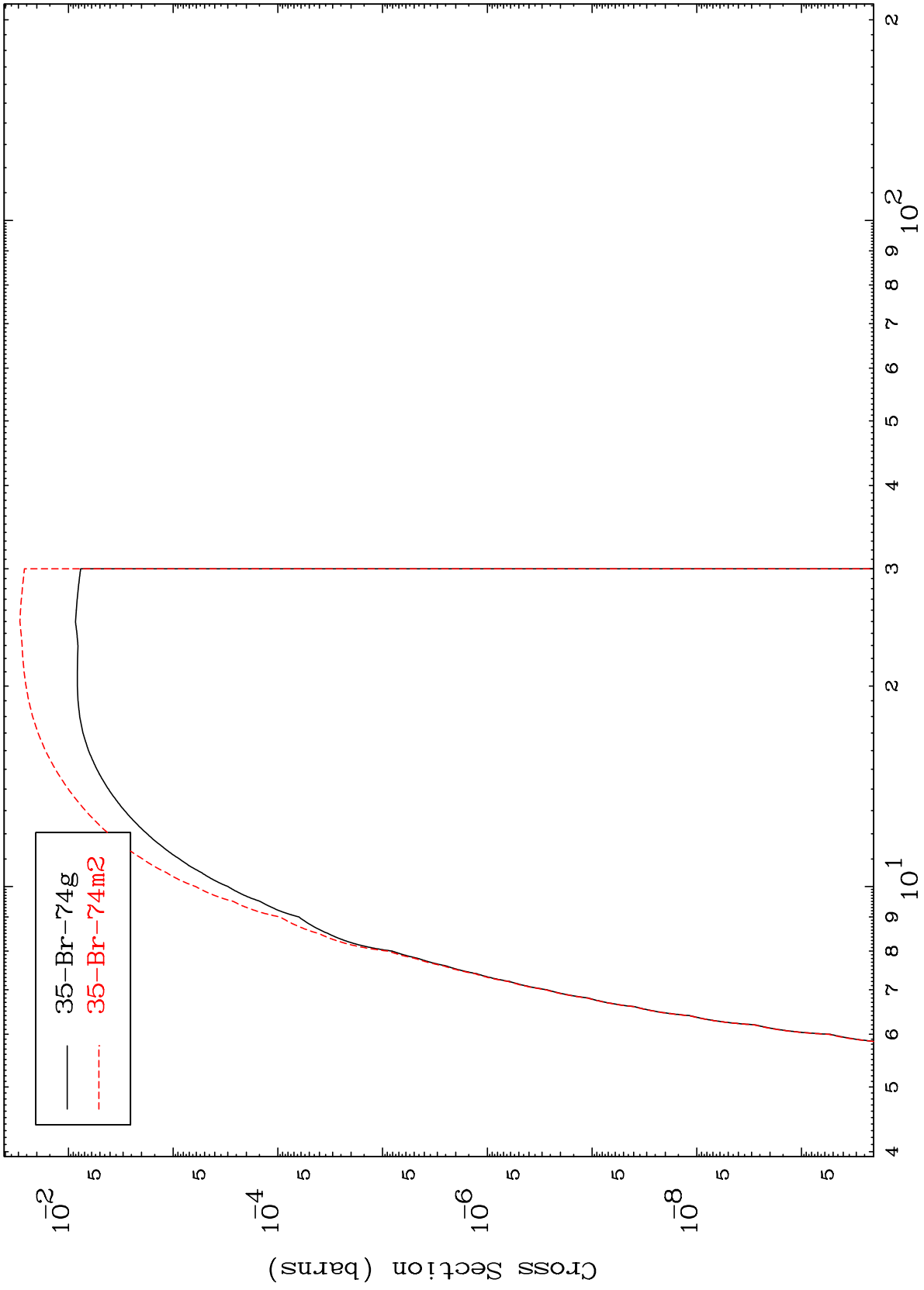
Incident Energy (MeV)

³⁶Kr-75

MAT 3616

³⁶Kr-75

(n,d)
Radionuclide Production Cross Section



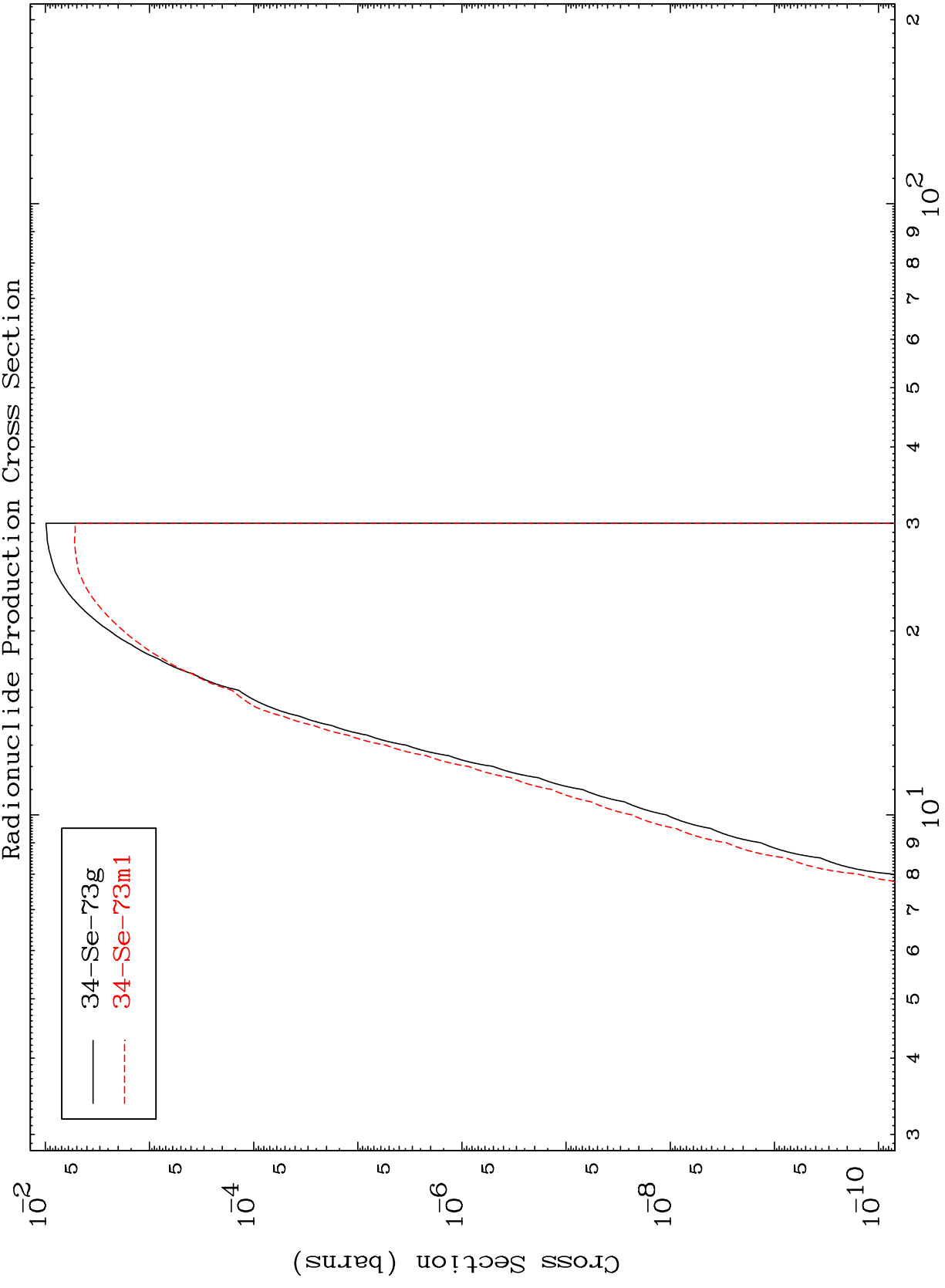
— 35-Br-74g
- - - 35-Br-74m2

MAT 3616

(n, He-3)

36-Kr-75

Radionuclide Production Cross Section



34-Se-73g
34-Se-73m1

82

Incident Energy (MeV)

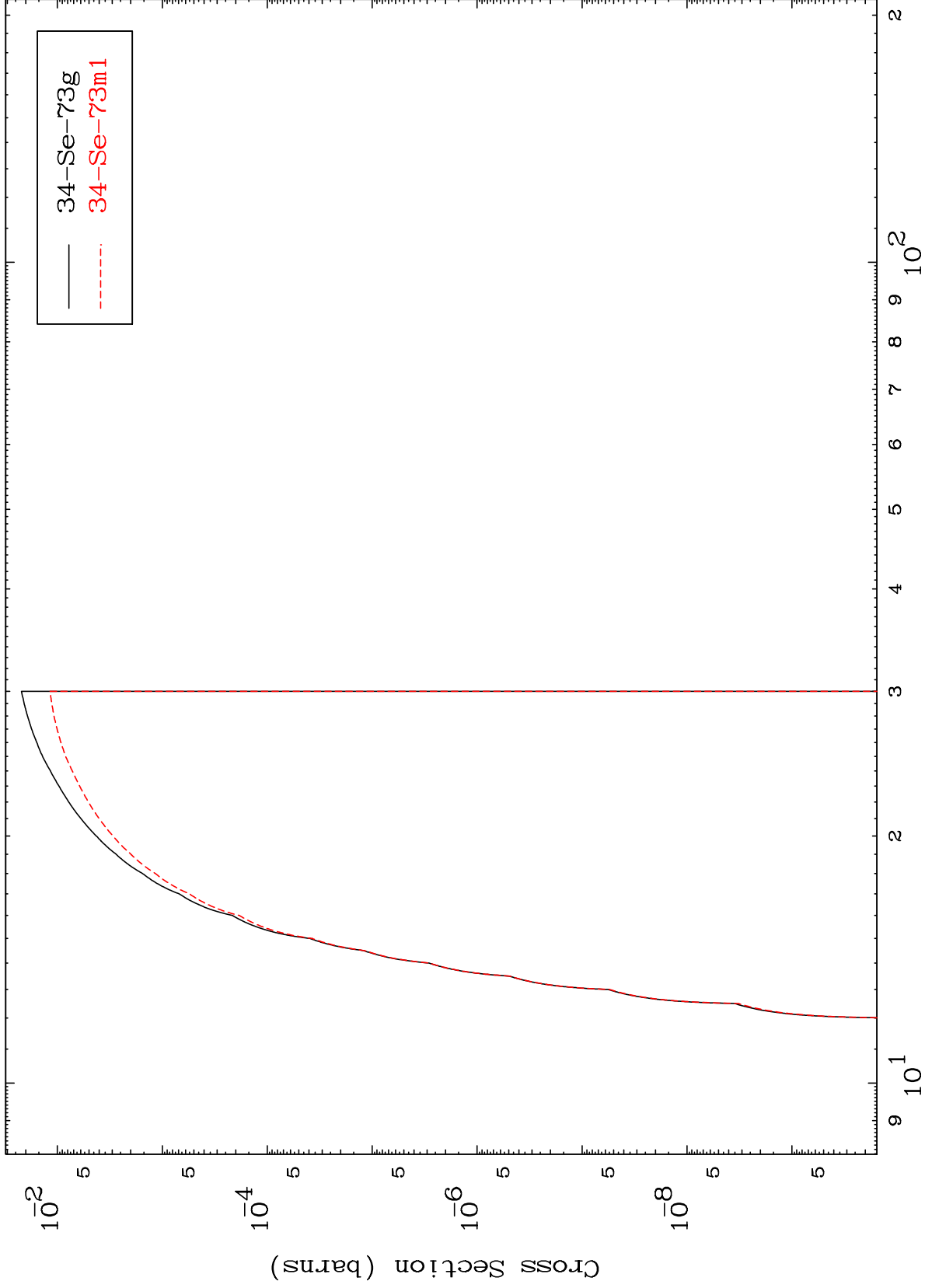
36-Kr-75

MAT 3616

(n,p) d

³⁶Kr-75

Radionuclide Production Cross Section



83

Incident Energy (MeV)

³⁶Kr-75