

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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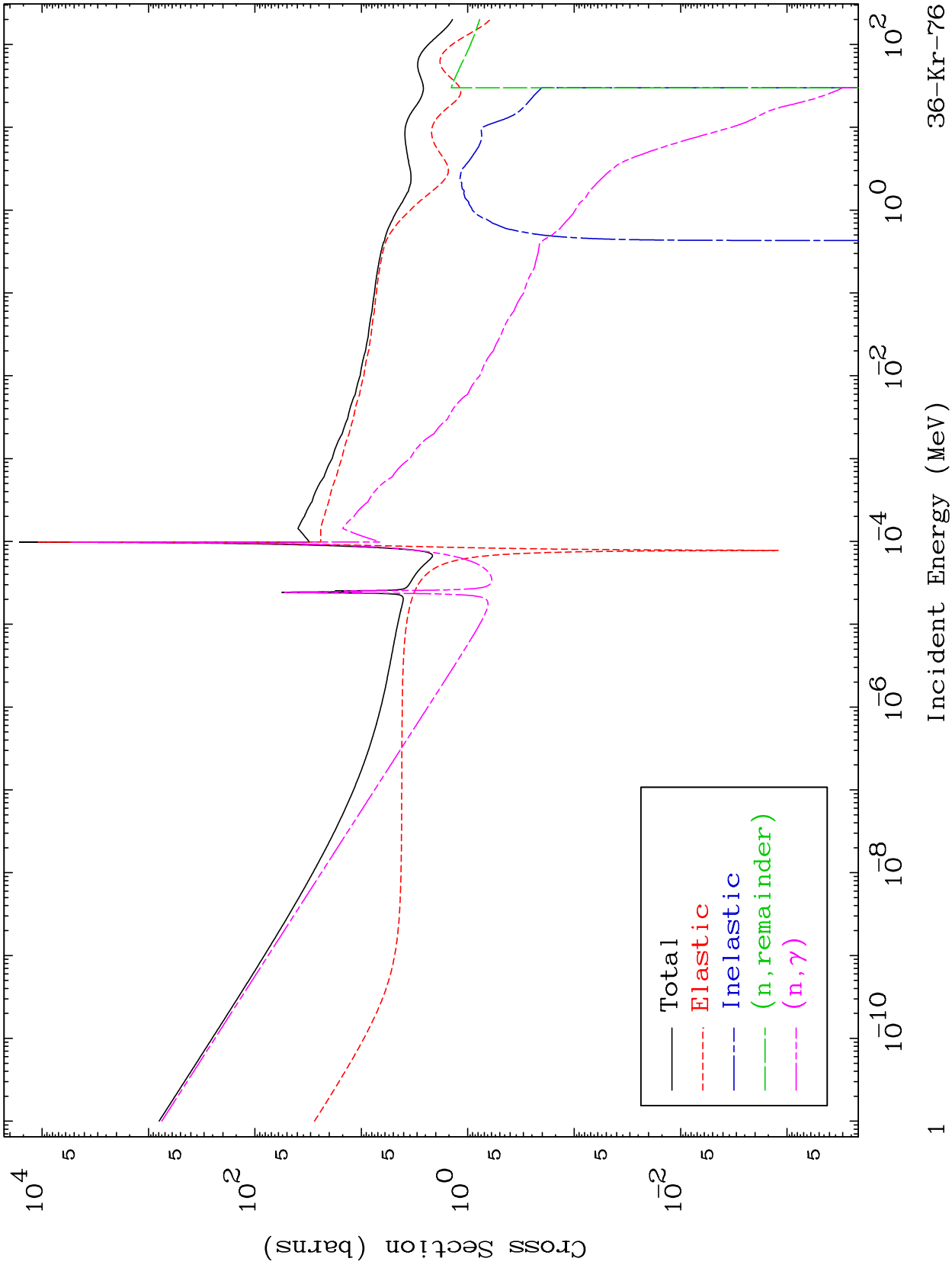
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3619

Major  
293 Kelvin Cross Sections

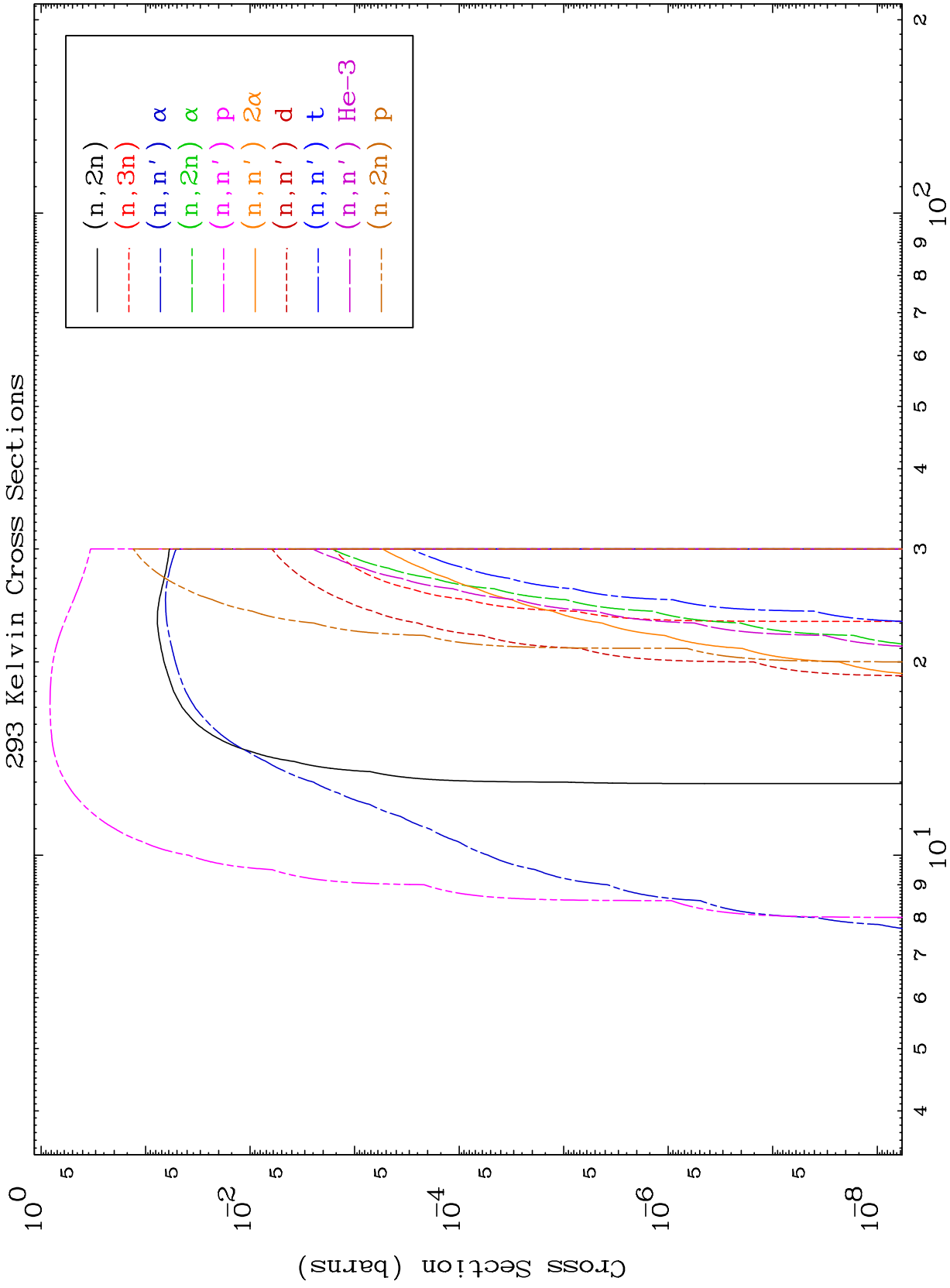
36-Kr-76



MAT 3619

Neutron Production  
293 Kelvin Cross Sections

36-Kr-76



2

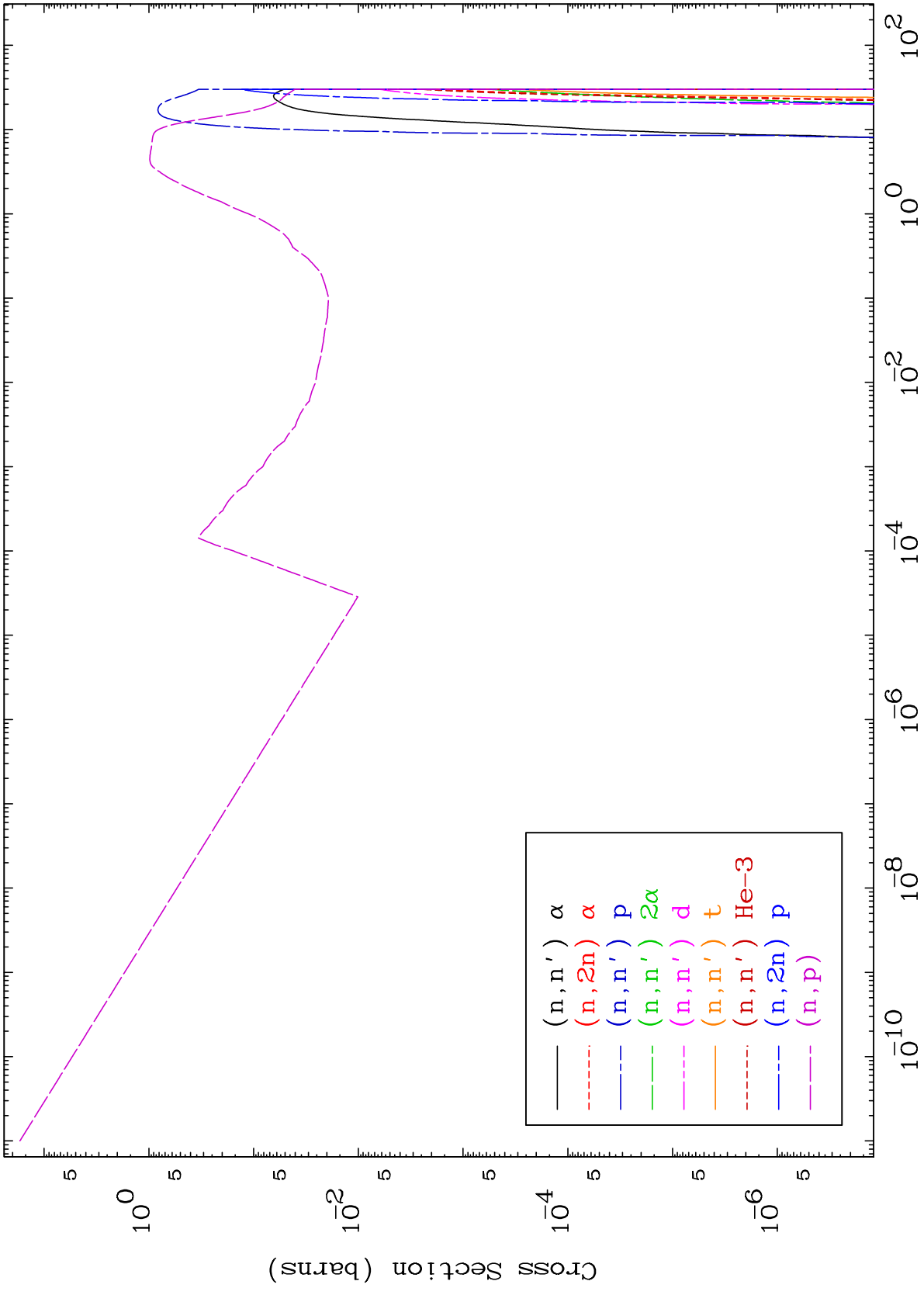
Incident Energy (MeV)

36-Kr-76

MAT 3619

Charged Particle  
293 Kelvin Cross Sections

36-Kr-76

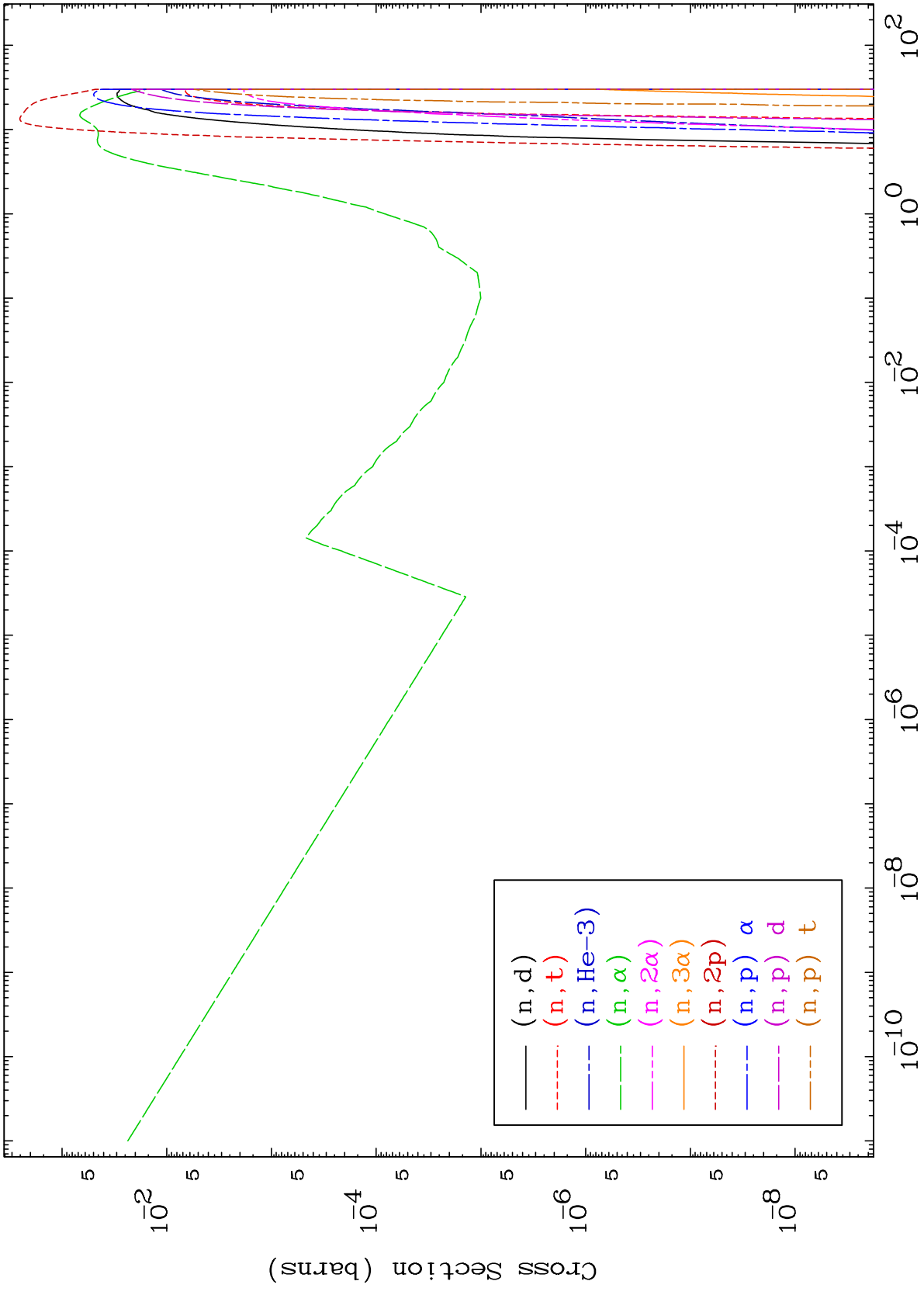


36-Kr-76

MAT 3619

Charged Particle  
293 Kelvin Cross Sections

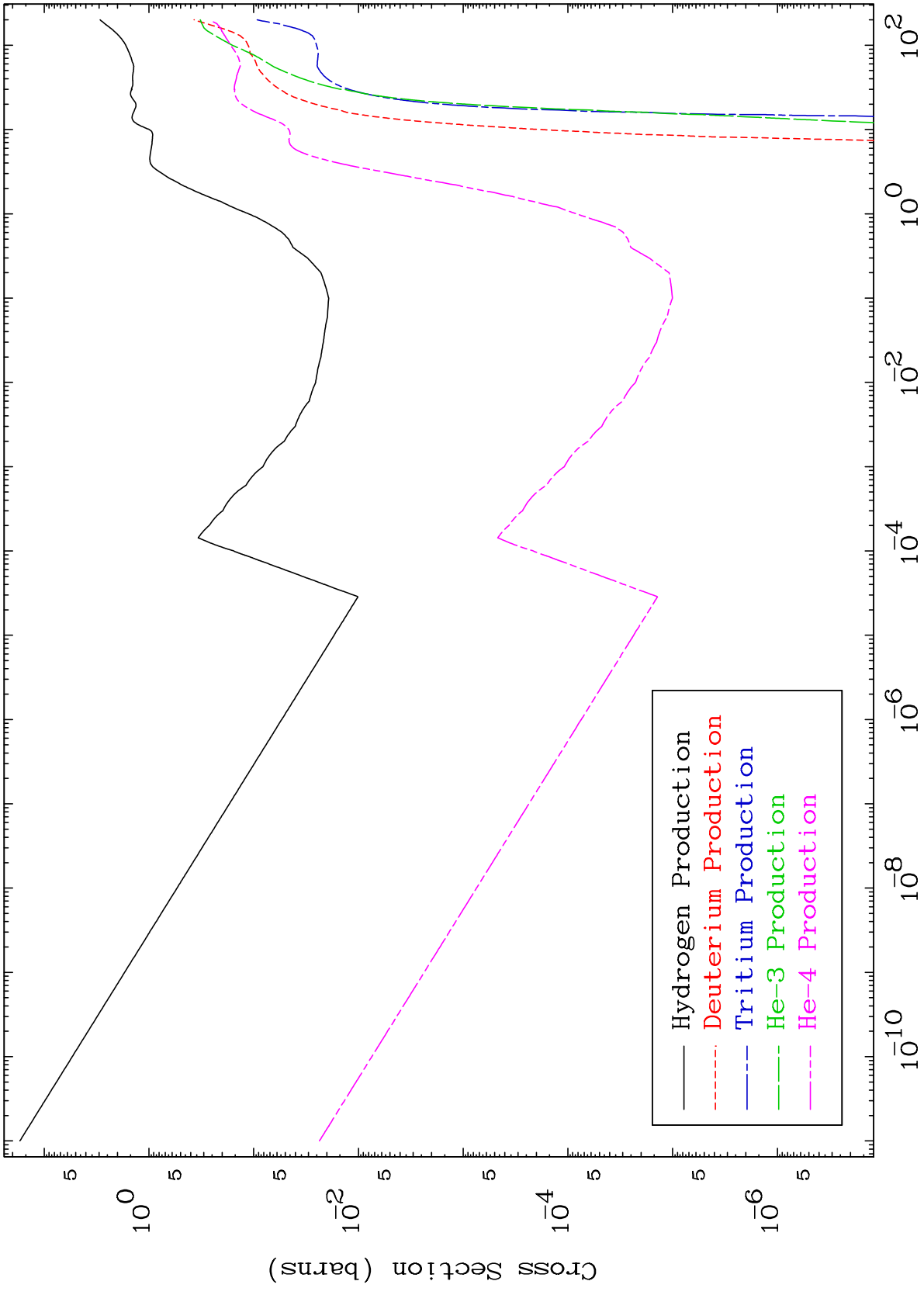
36-Kr-76



MAT 3619

Particle Production  
293 Kelvin Cross Sections

36-Kr-76

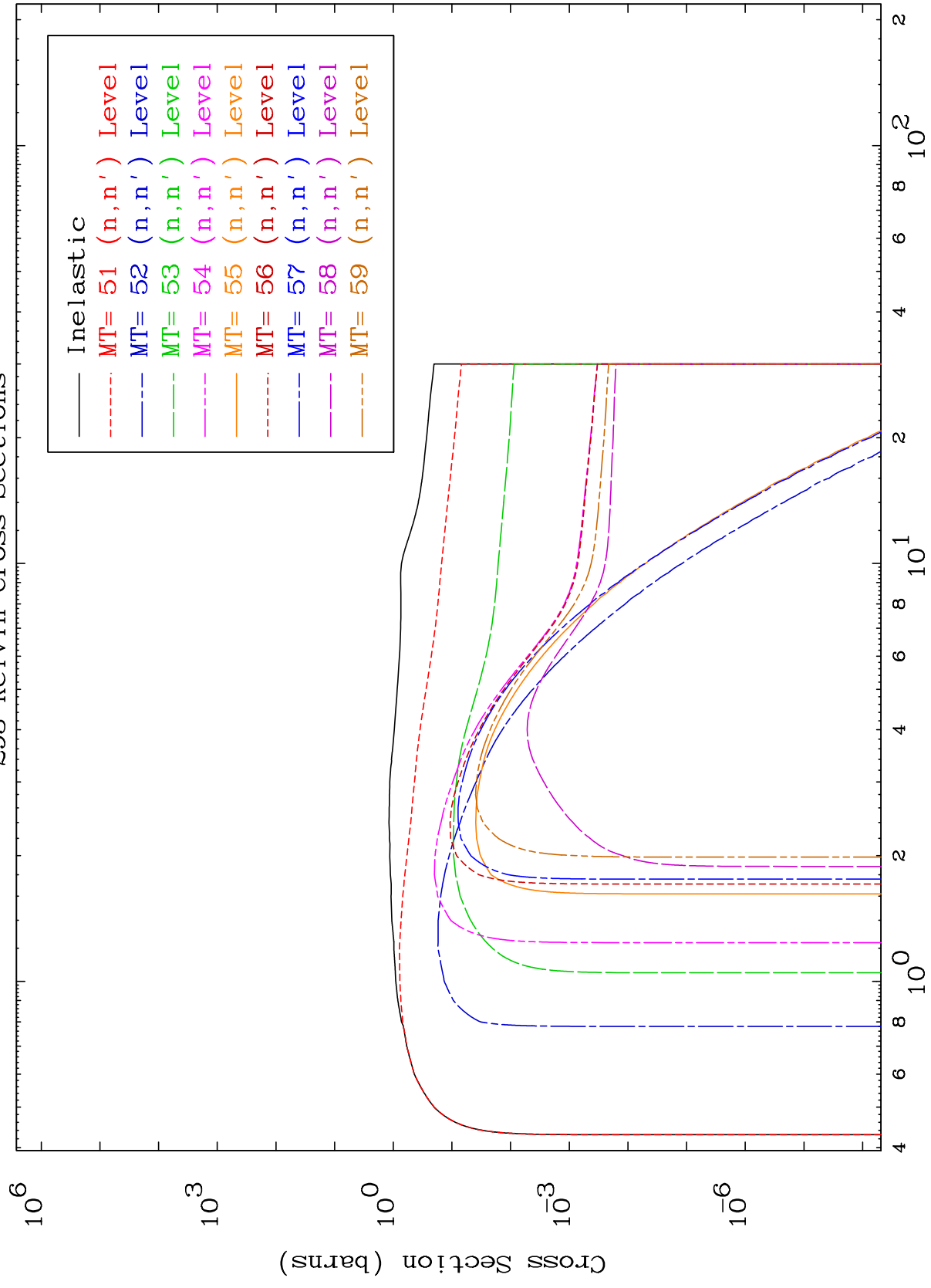


MAT 3619

(n,n') Level

36-Kr-76

293 Kelvin Cross Sections



6

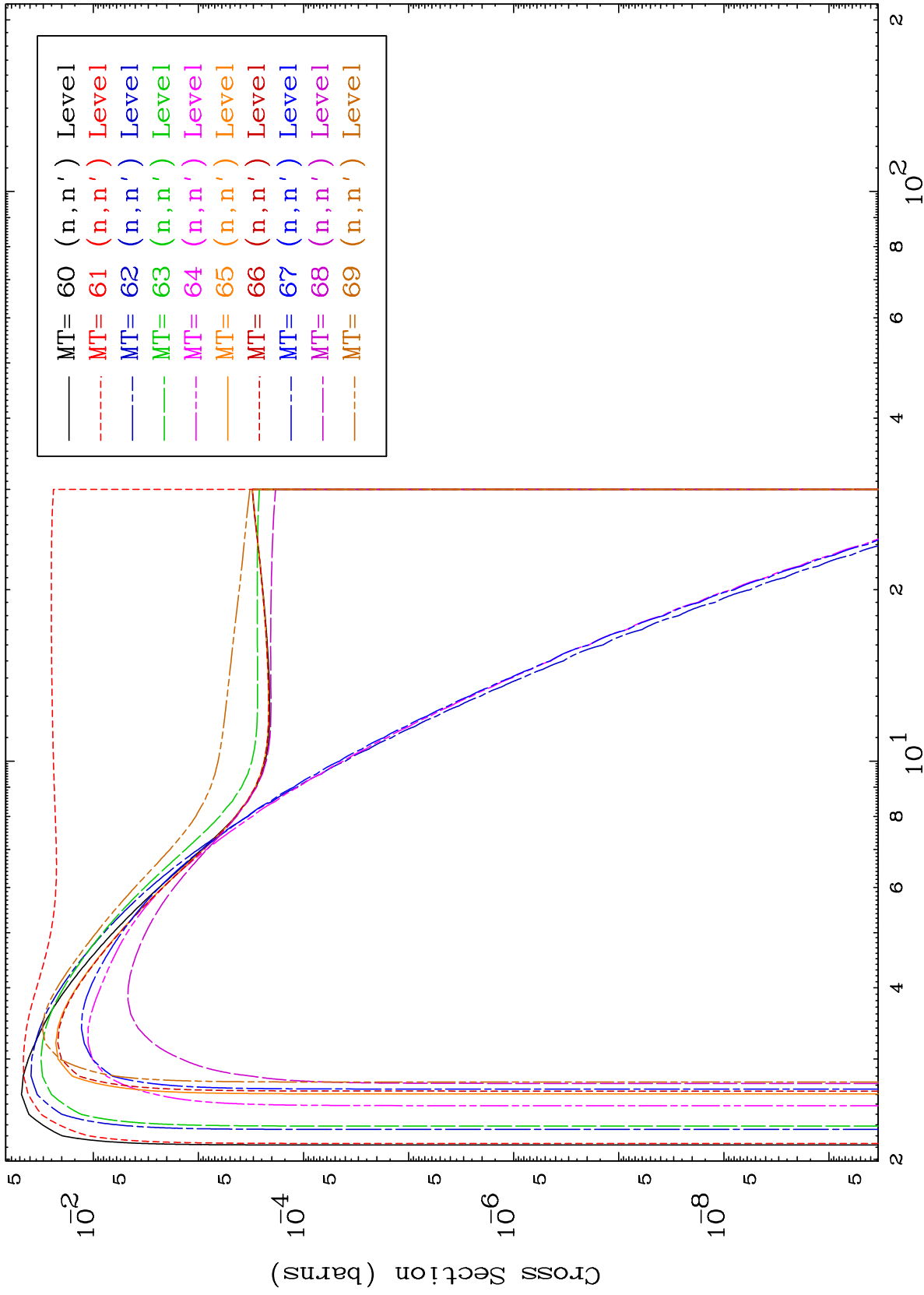
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-76



7

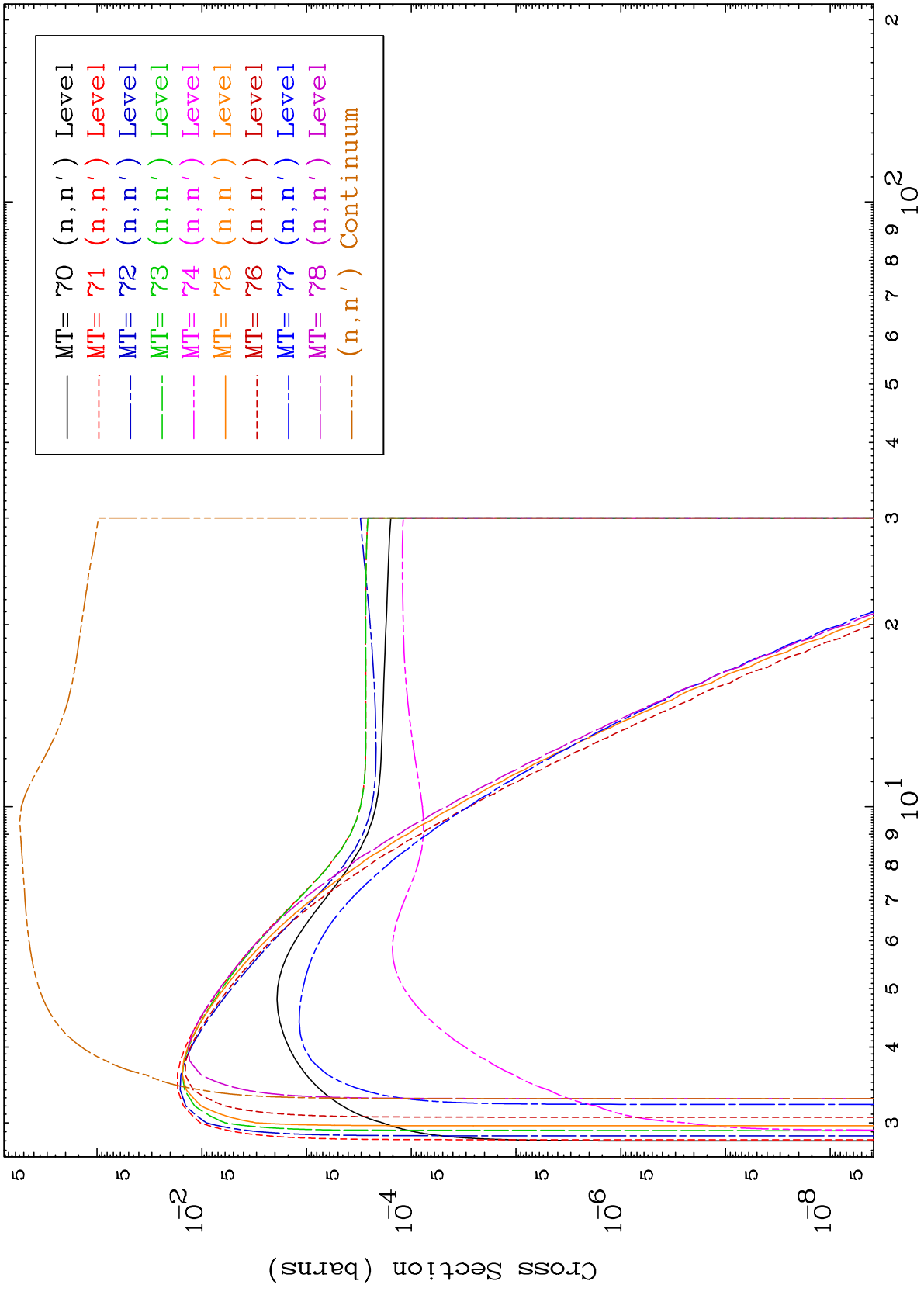
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,n') Level  
293 Kelvin Cross Sections

36-Kr-76



8

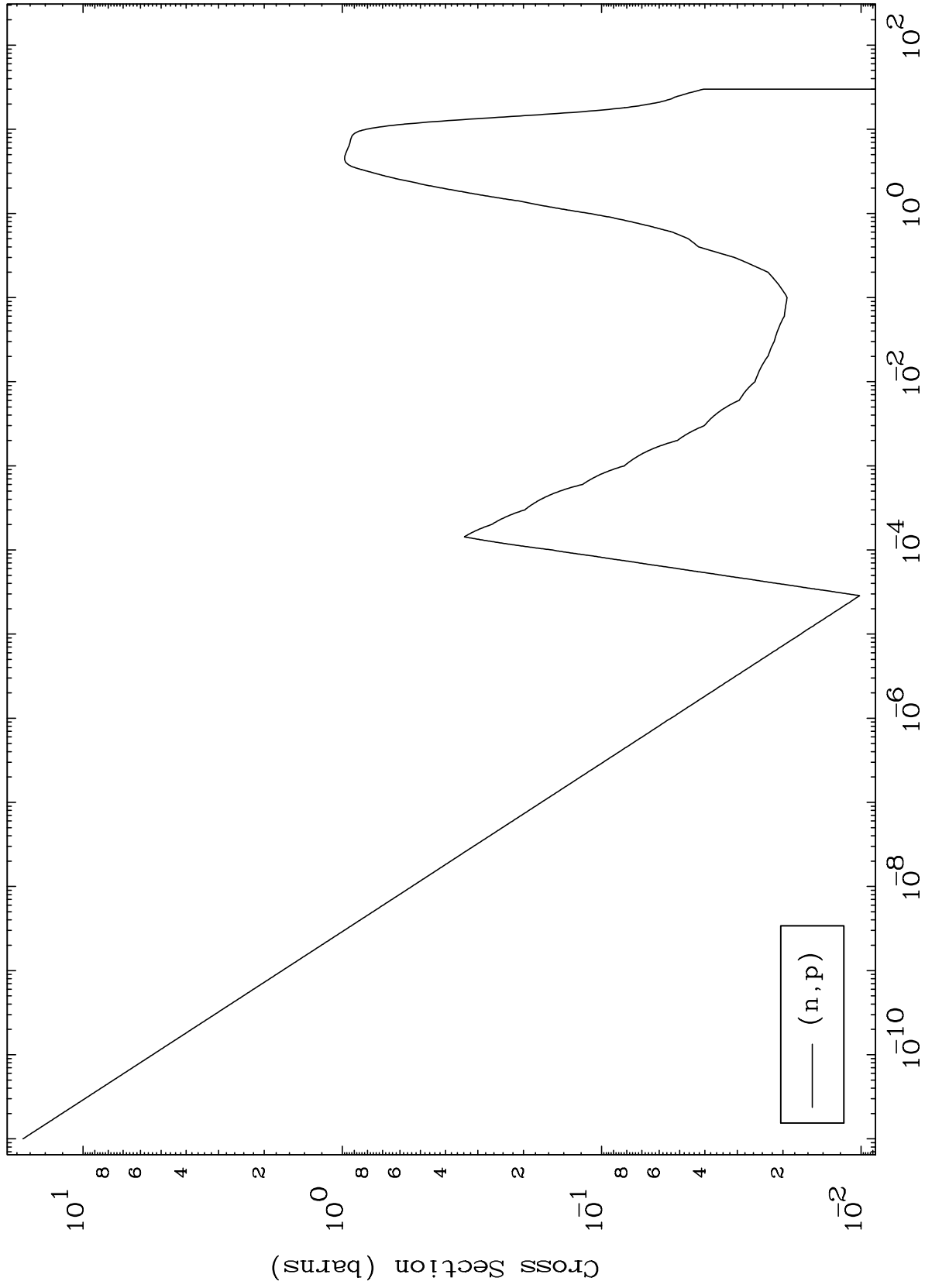
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-76



9

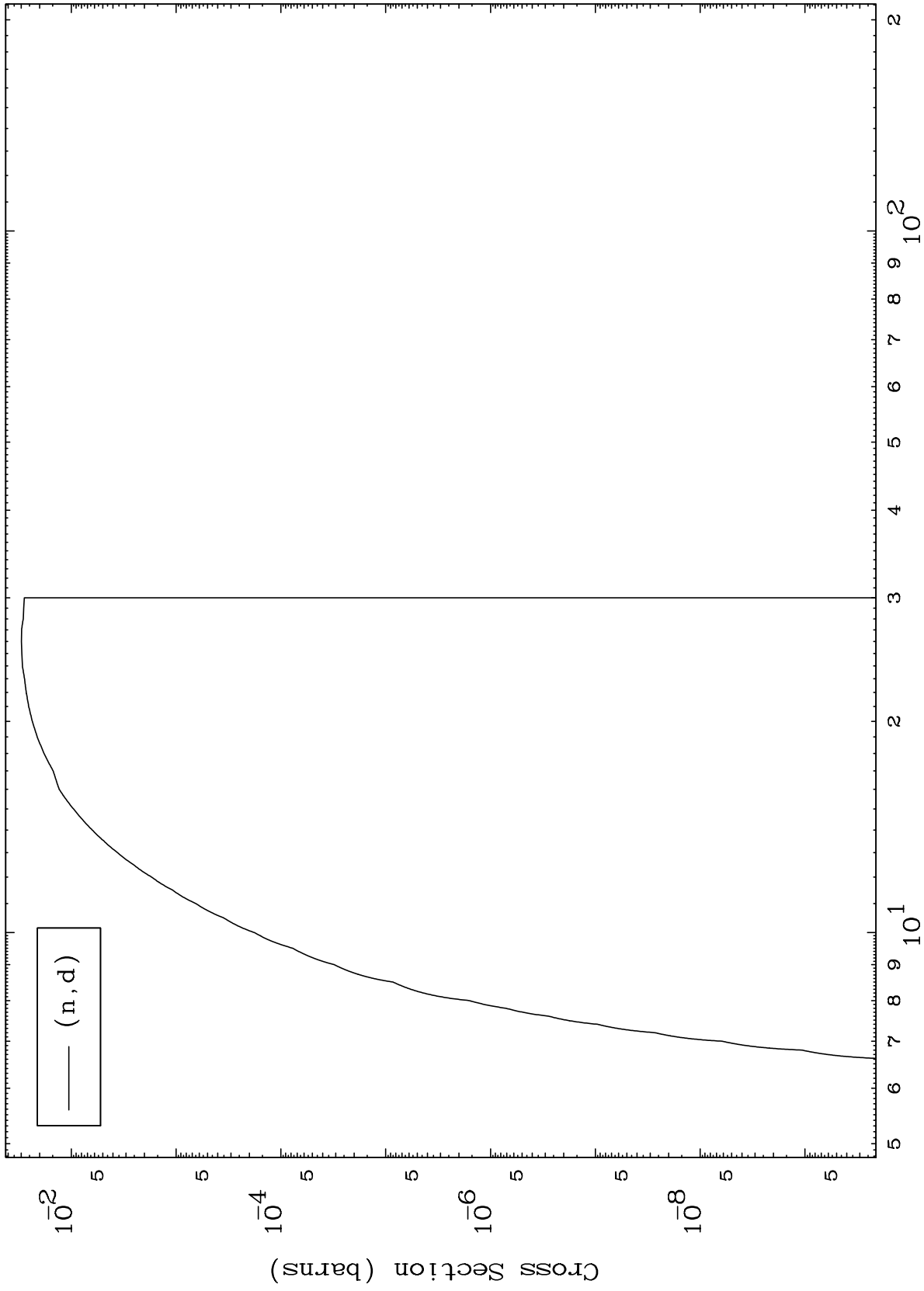
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,d) Levels  
293 Kelvin Cross Sections

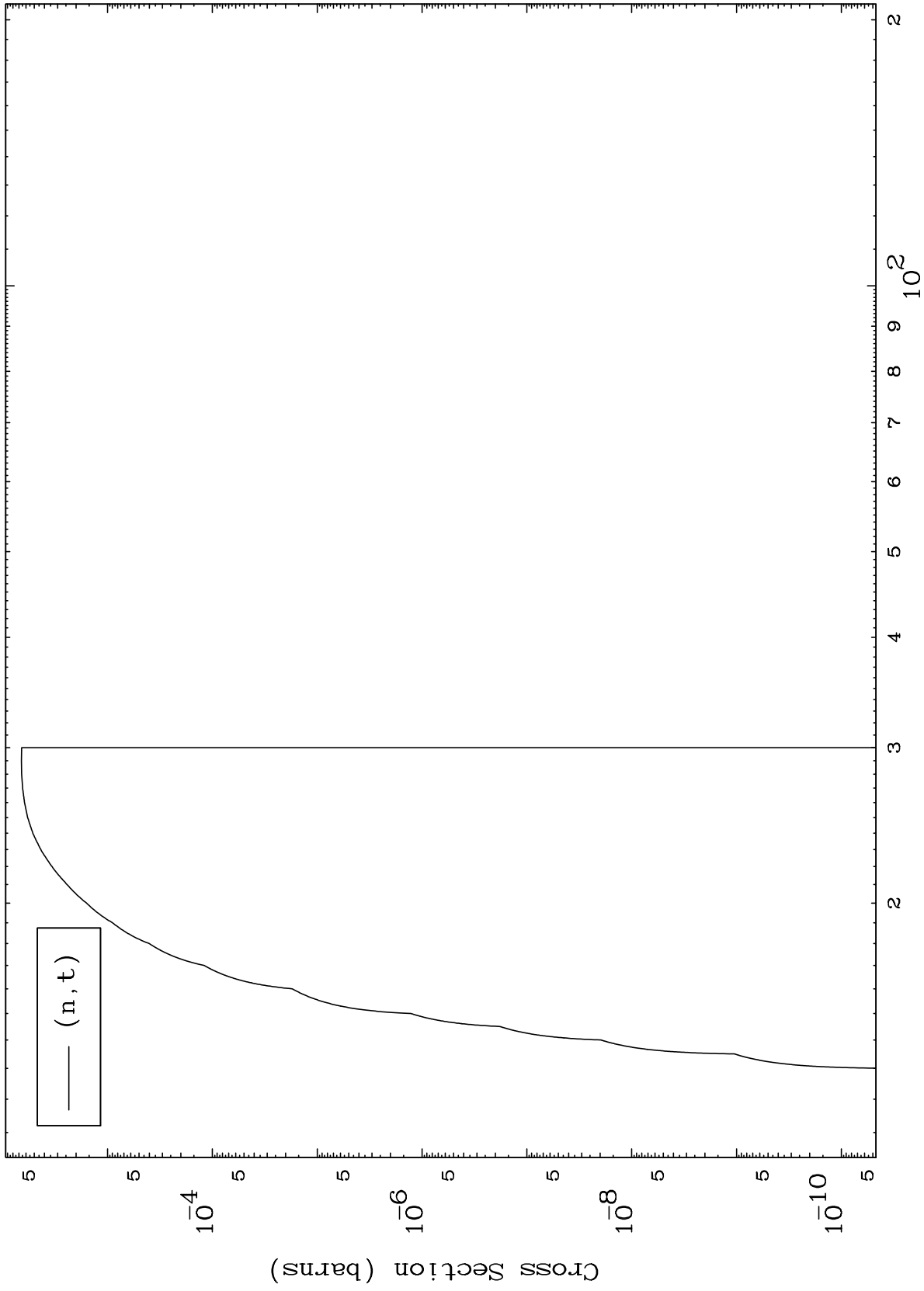
36-Kr-76



10

Incident Energy (MeV)

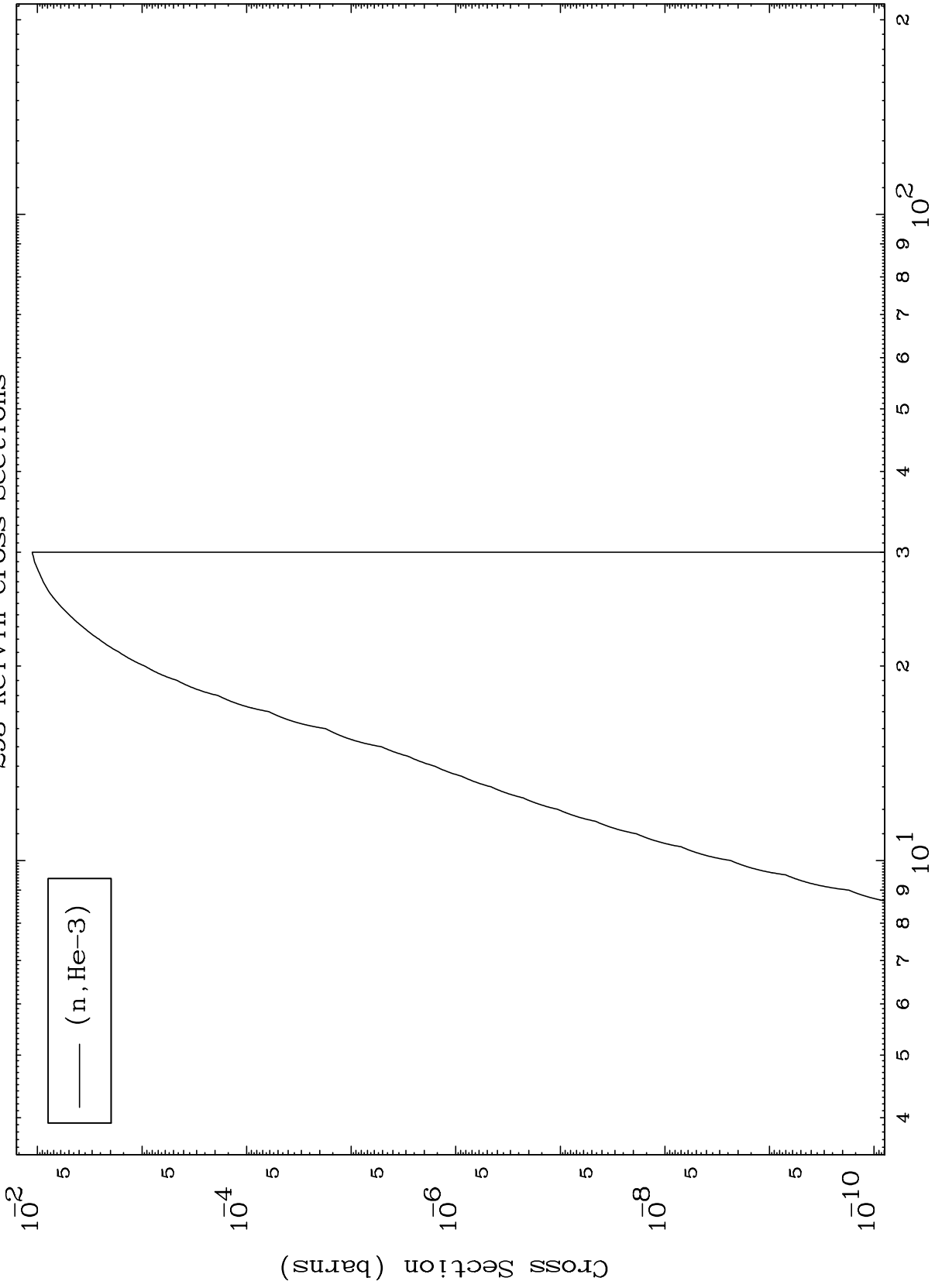
36-Kr-76



MAT 3619

36-Kr-76

(n,He3) Levels  
293 Kelvin Cross Sections



12

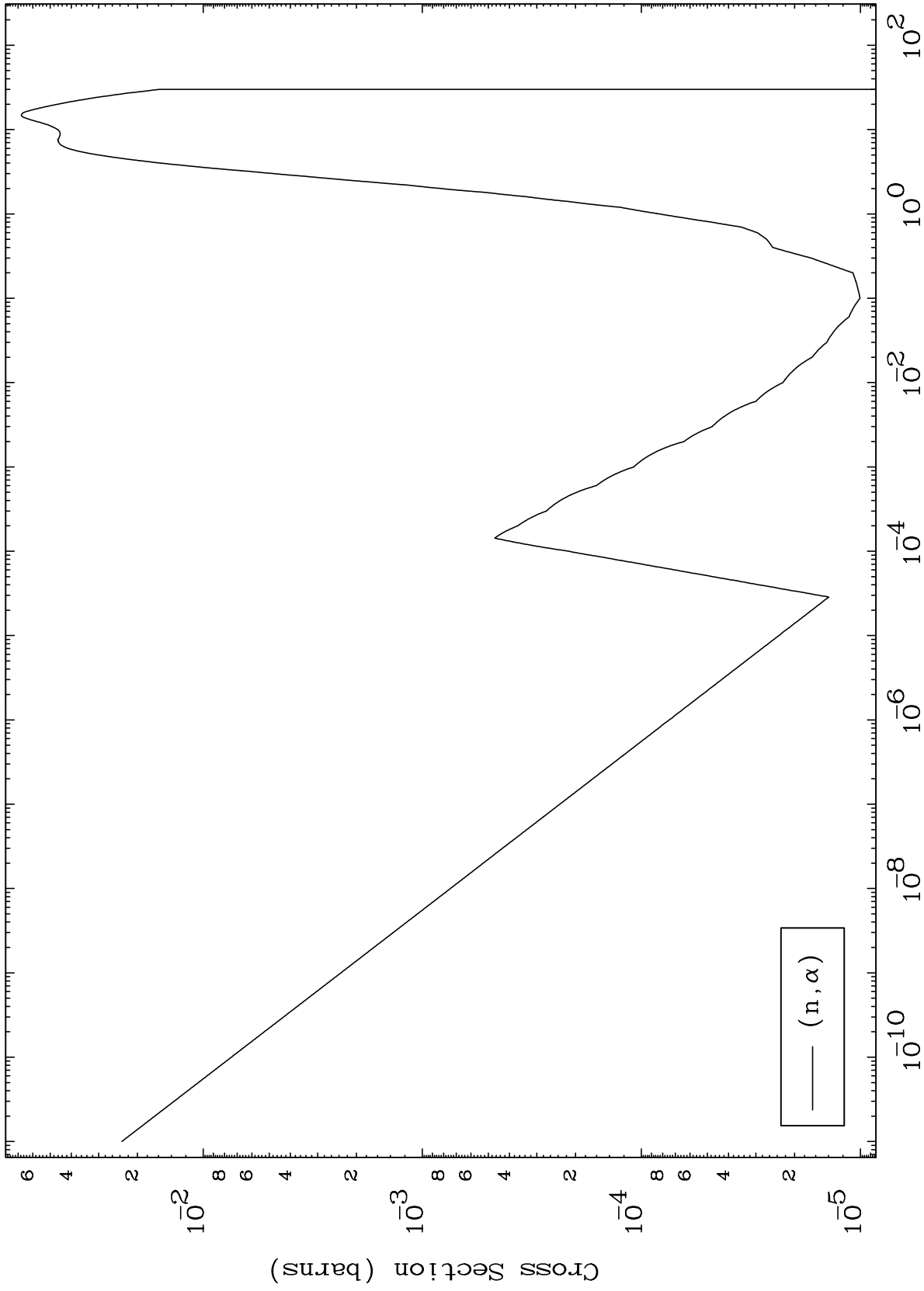
Incident Energy (MeV)

36-Kr-76

MAT 3619

(n,α) Levels  
293 Kelvin Cross Sections

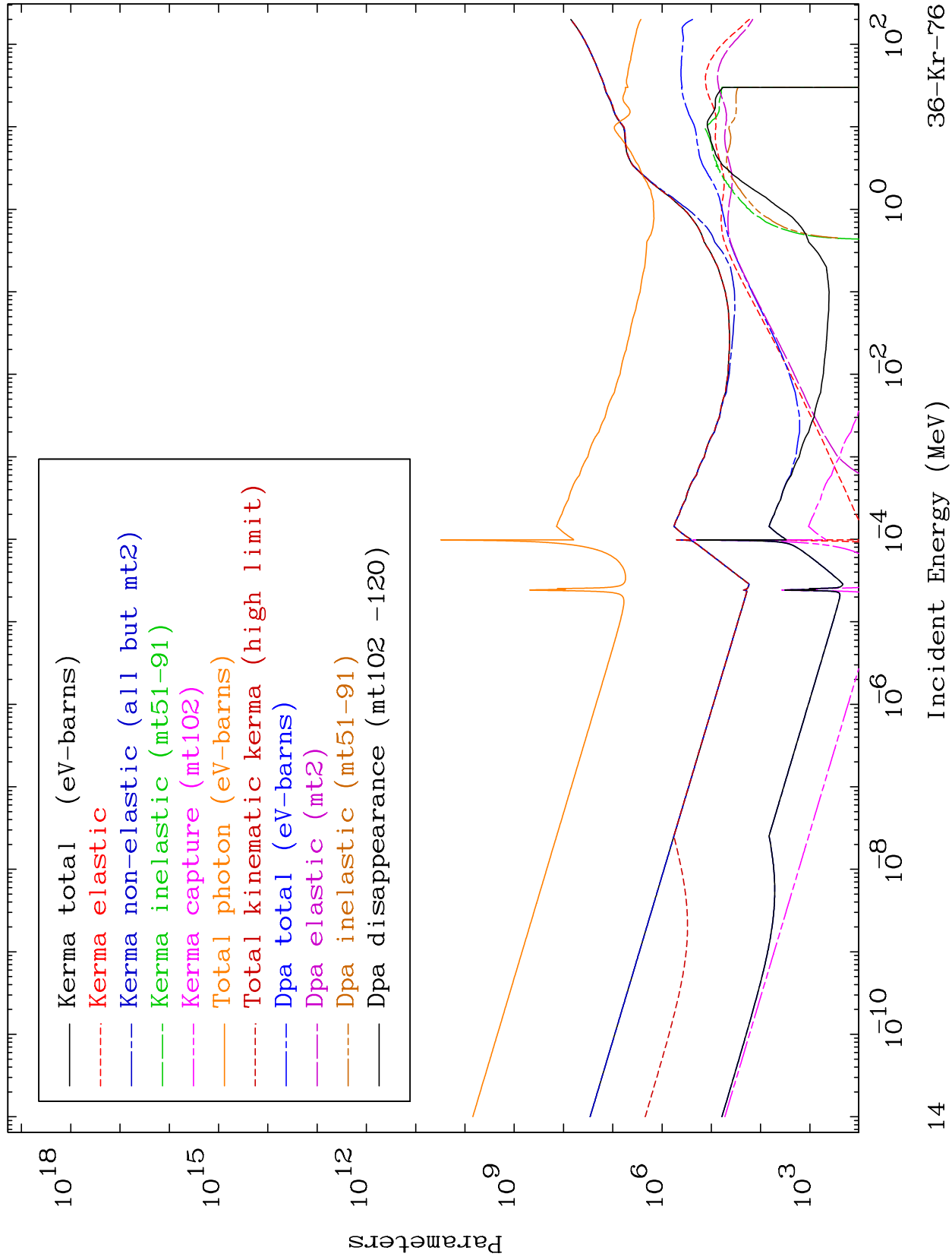
36-Kr-76



13

Incident Energy (MeV)

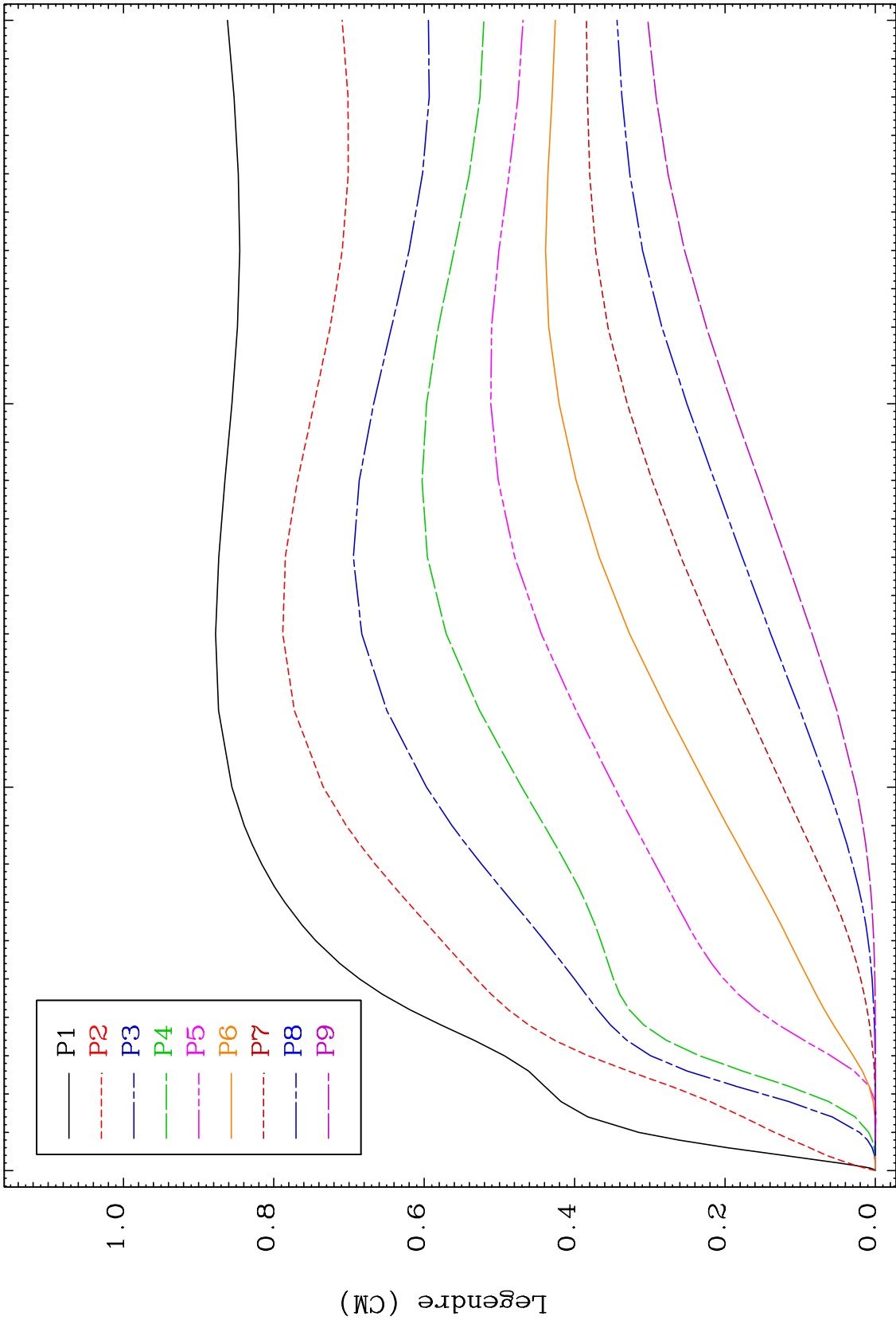
36-Kr-76



MAT 3619

Elastic Legendre Coefficients

<sup>36</sup>Kr-76



15

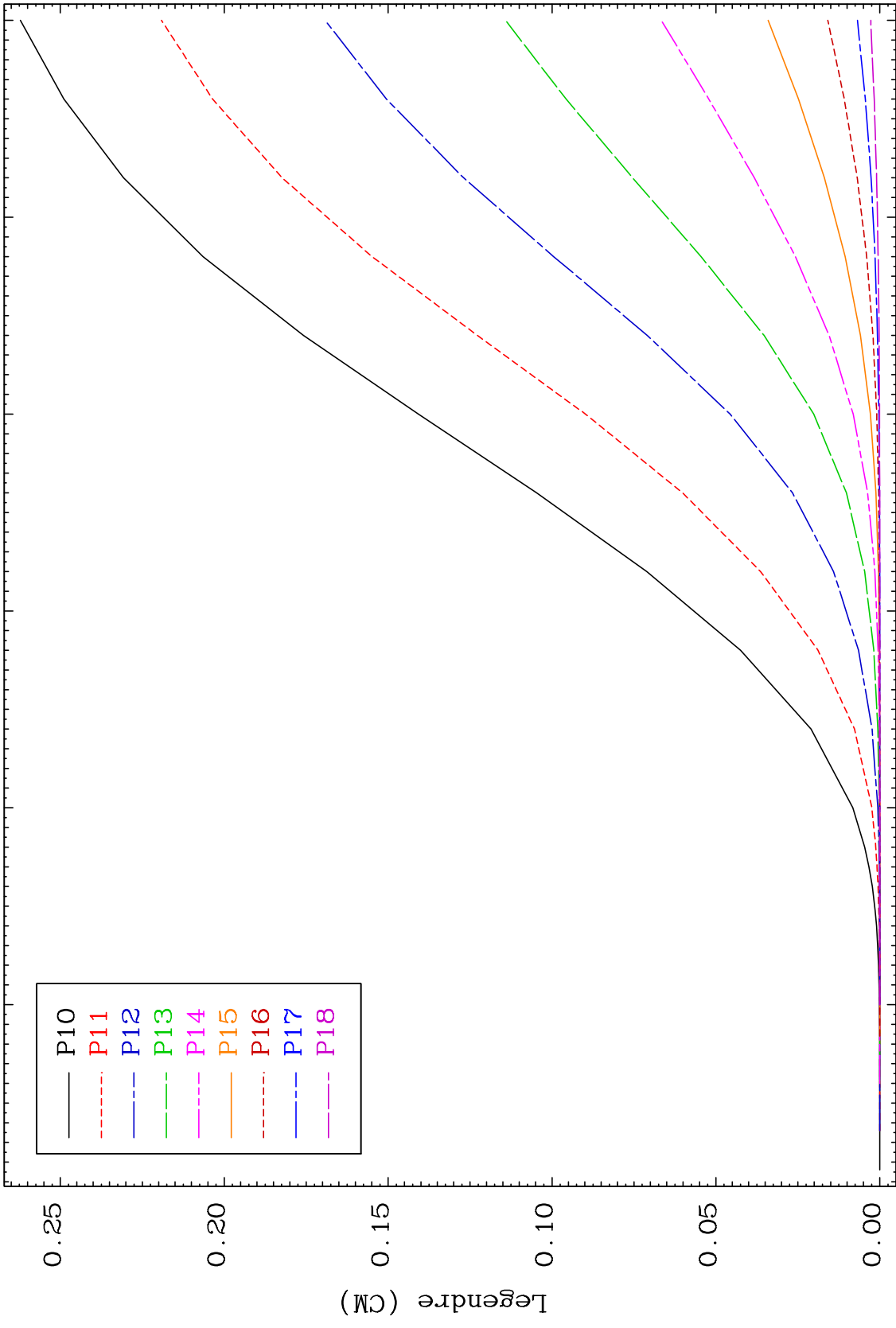
Incident Energy (MeV)

<sup>36</sup>Kr-76

MAT 3619

Elastic Legendre Coefficients

<sup>36</sup>Kr-76



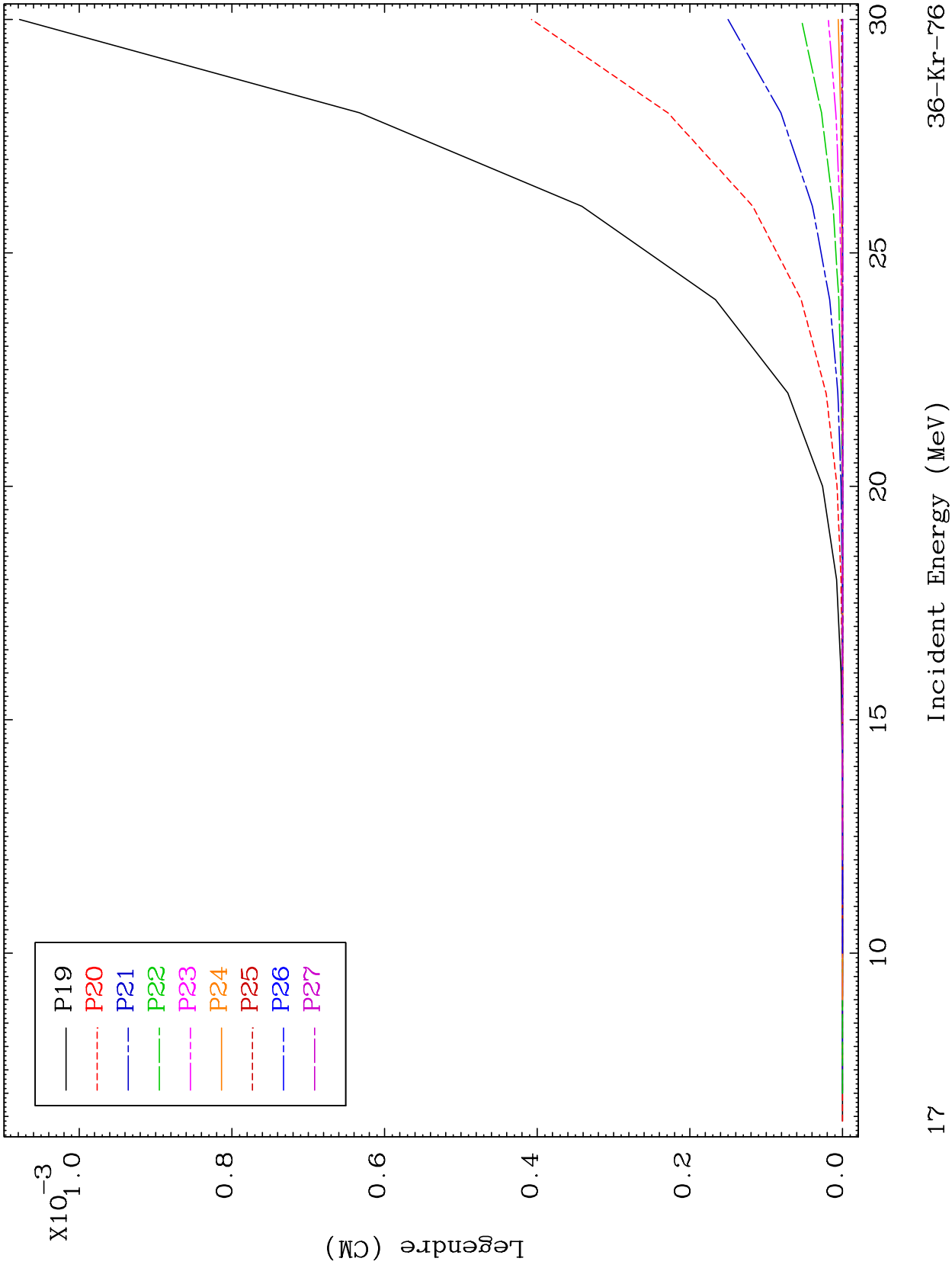
16

<sup>36</sup>Kr-76

MAT 3619

### Elastic Legendre Coefficients

<sup>36</sup>Kr-76



17

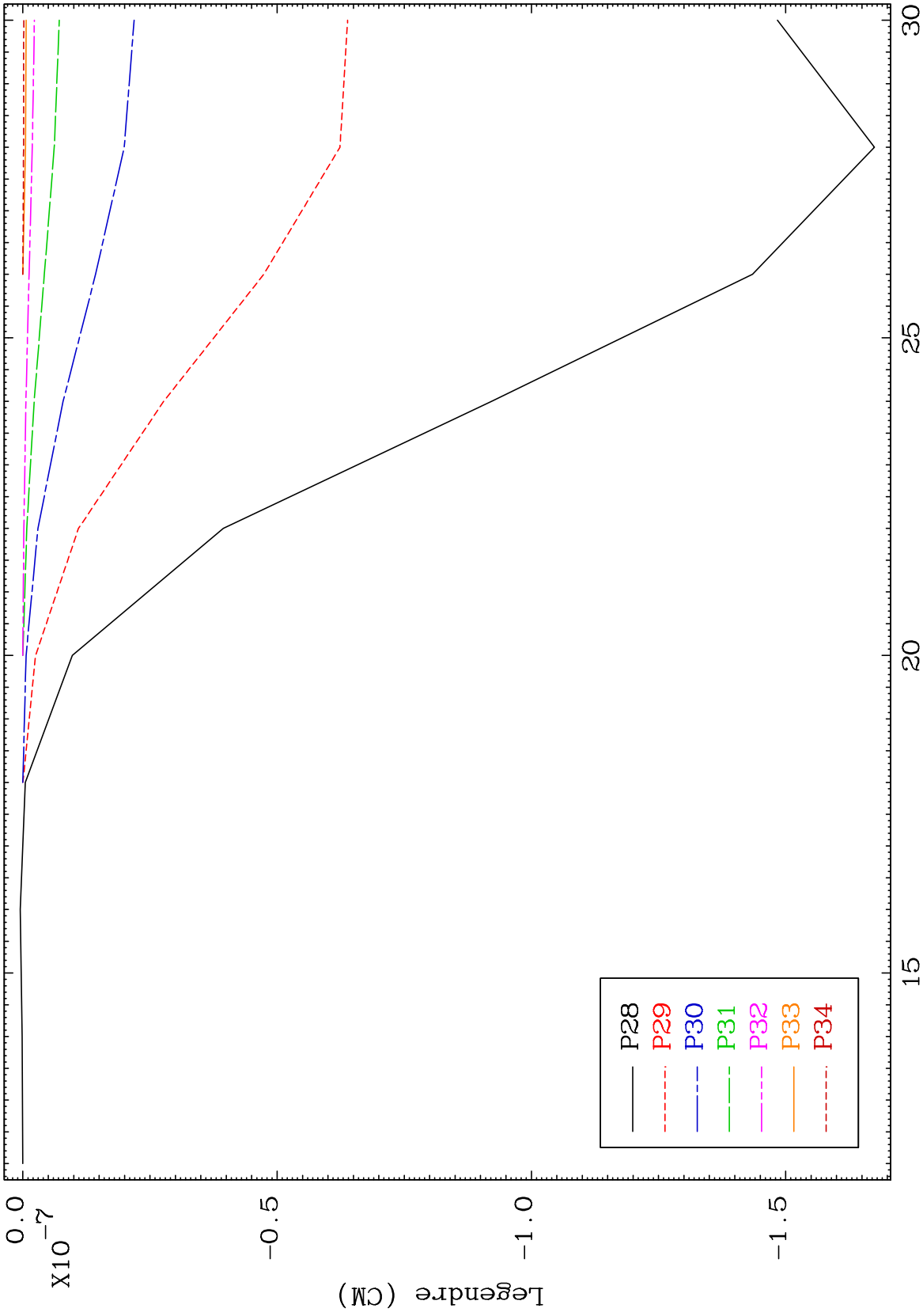
Incident Energy (MeV)

<sup>36</sup>Kr-76

MAT 3619

<sup>36</sup>Kr-76

Elastic Legendre Coefficients



18

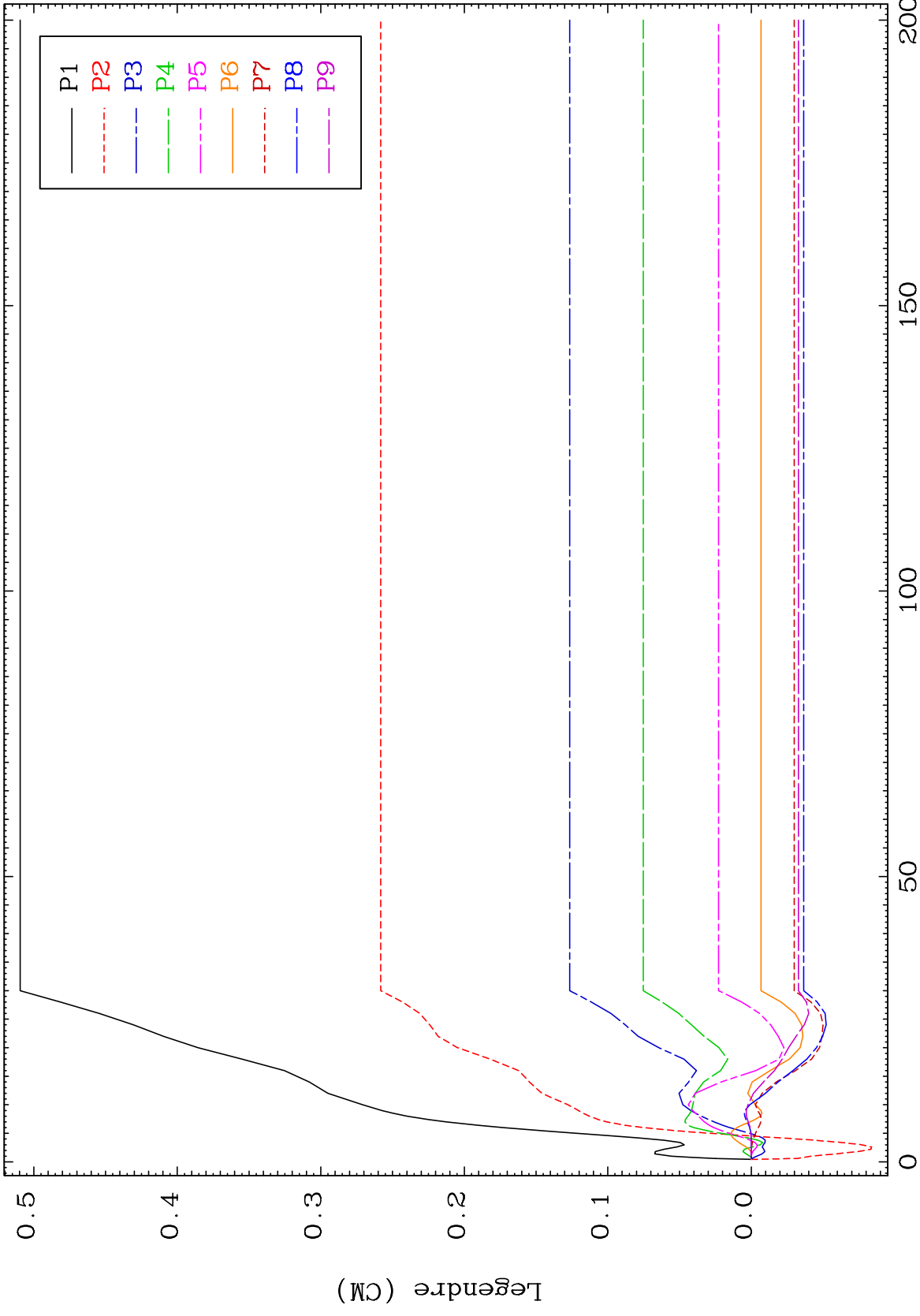
Incident Energy (MeV)

<sup>36</sup>Kr-76

MAT 3619

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

36-Kr-76



19

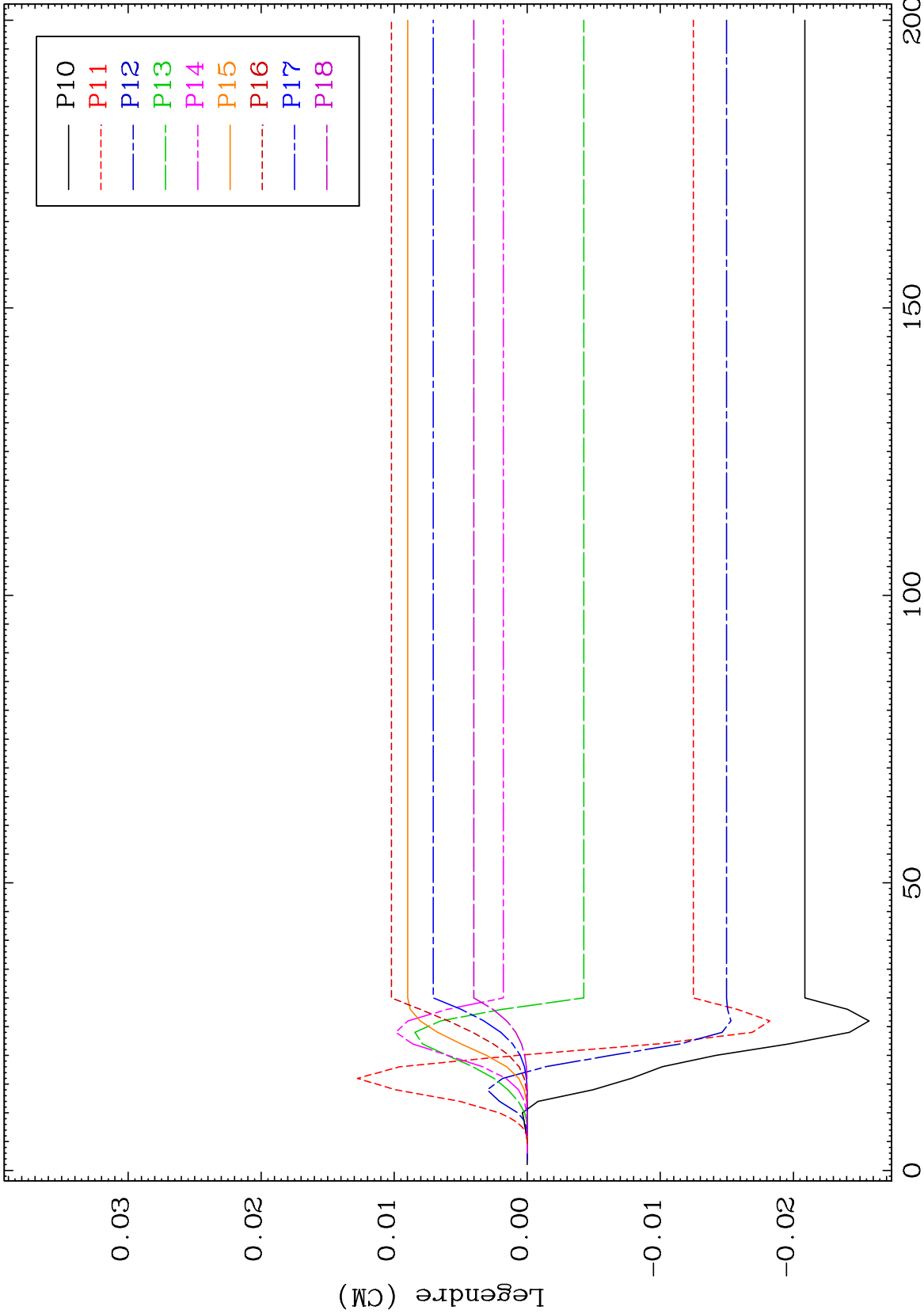
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



0

50

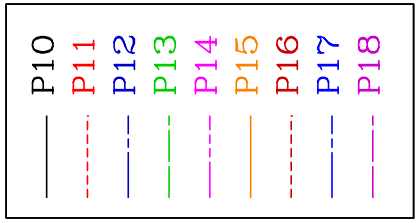
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150

200

Incident Energy (MeV)

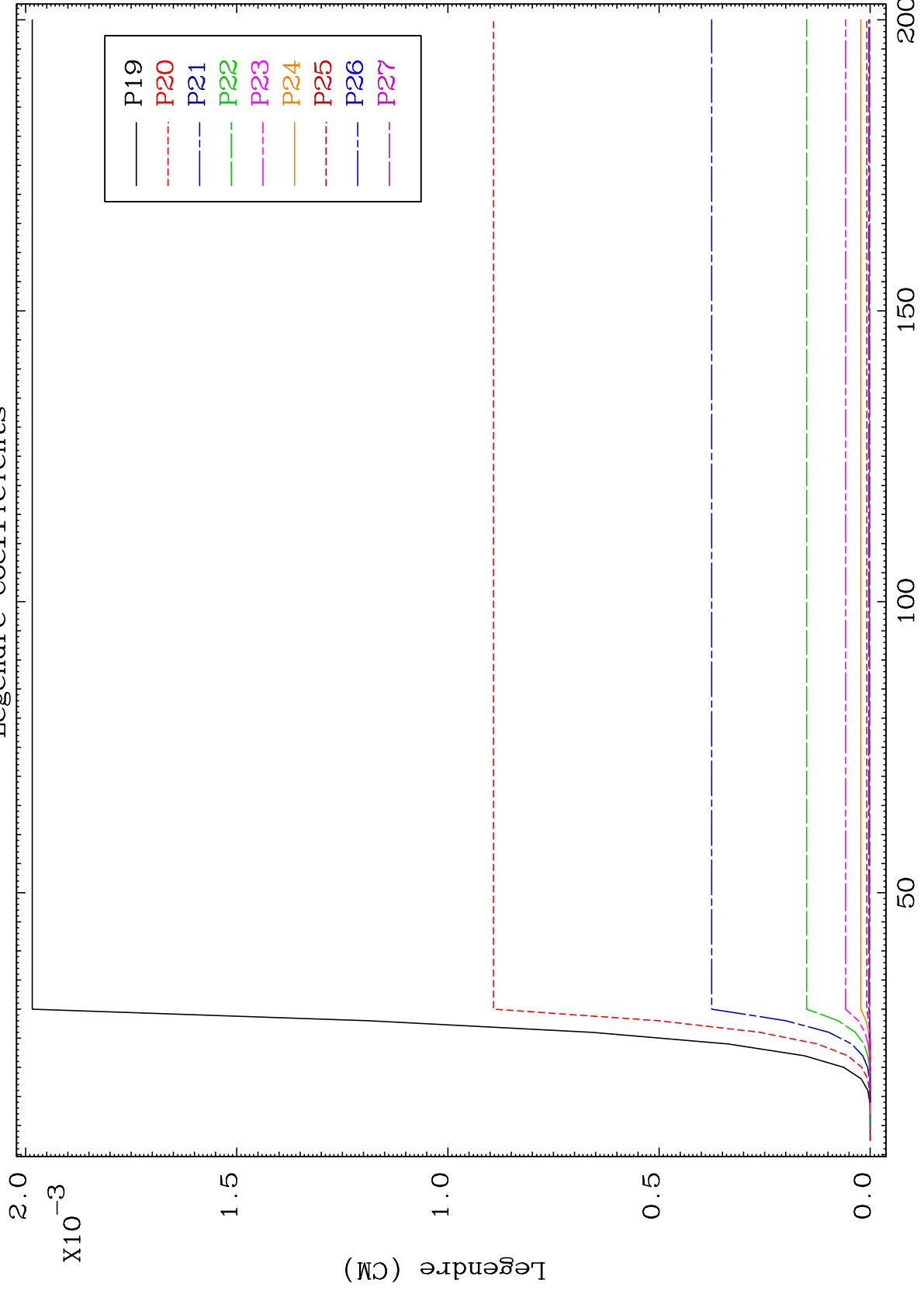
36-Kr-76



MAT 3619

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

36-Kr-76



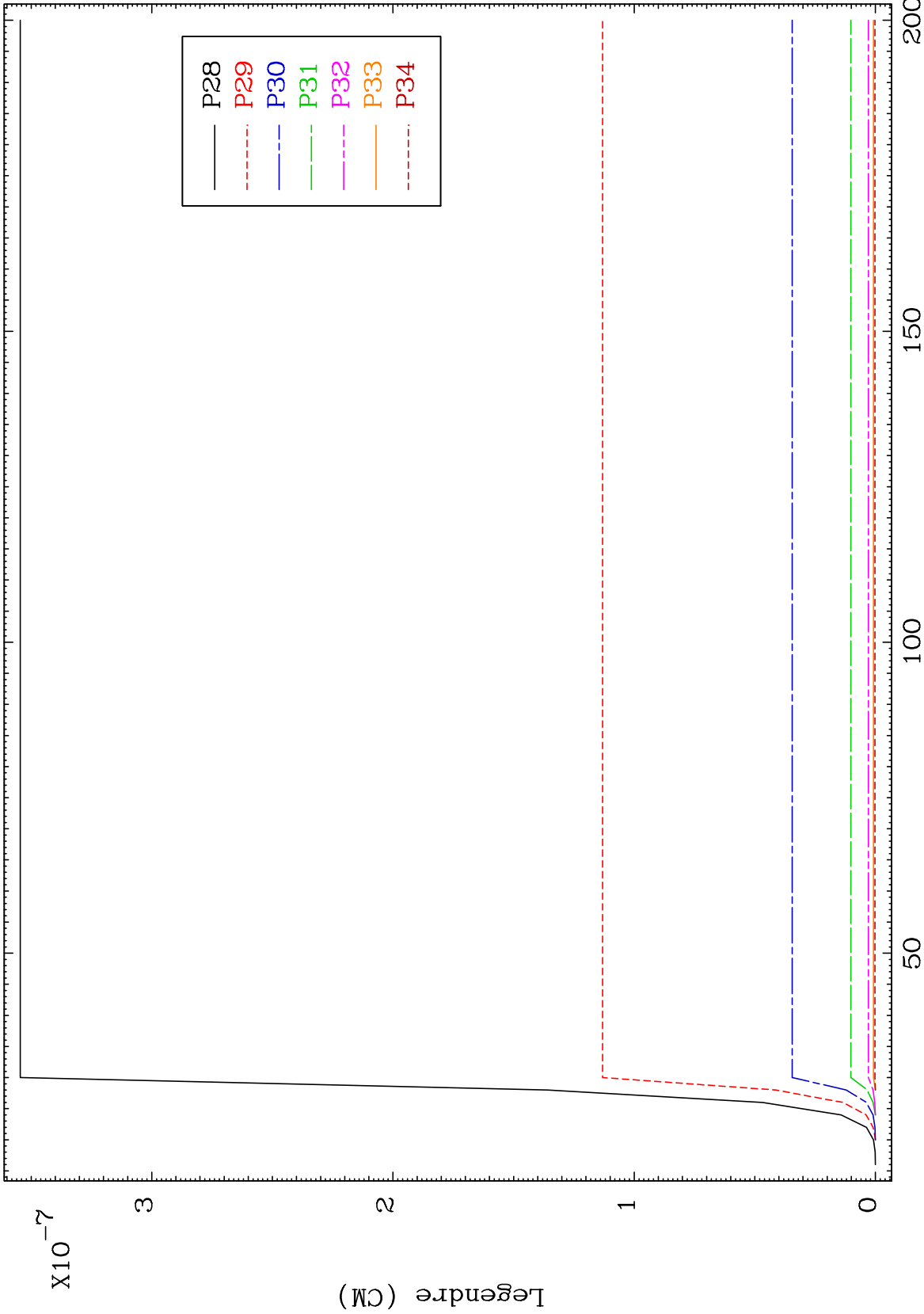
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36-Kr-76

MAT 3619

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

36-Kr-76

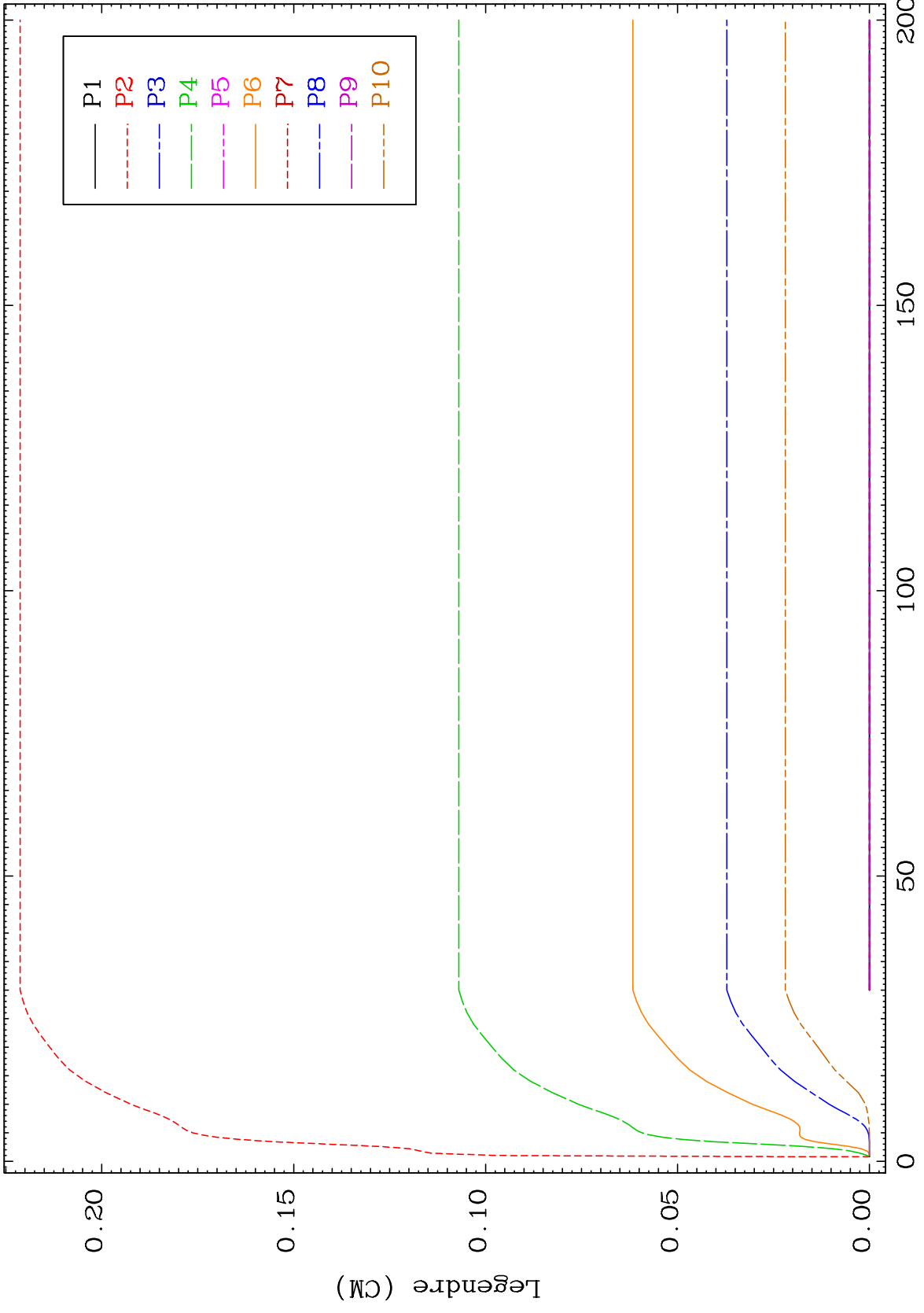


22

Incident Energy (MeV)

36-Kr-76

MAT 3619 MT= 52 (n,n') Level Legendre Coefficients 36-Kr-76

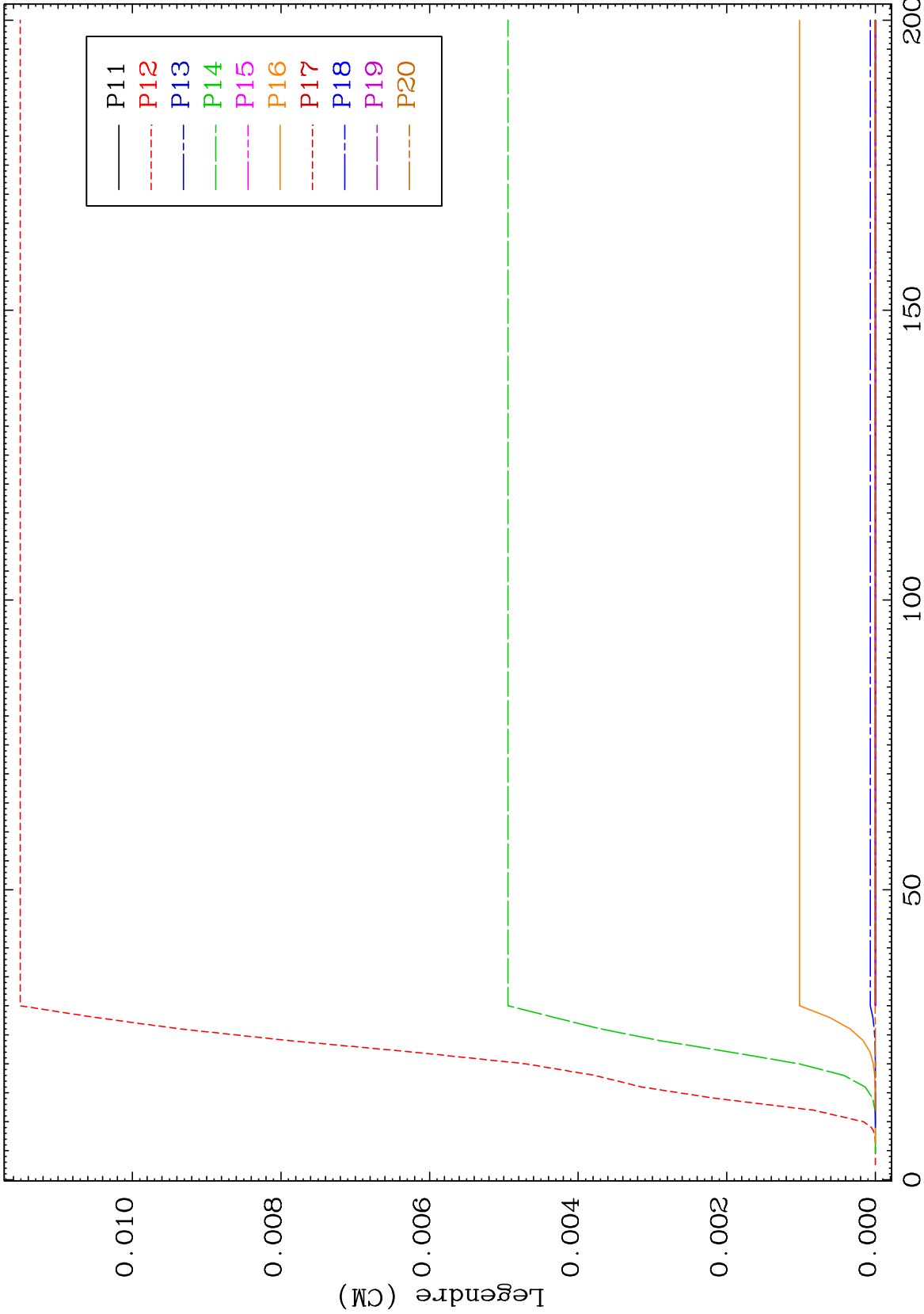


36-Kr-76

MAT 3619

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

36-Kr-76

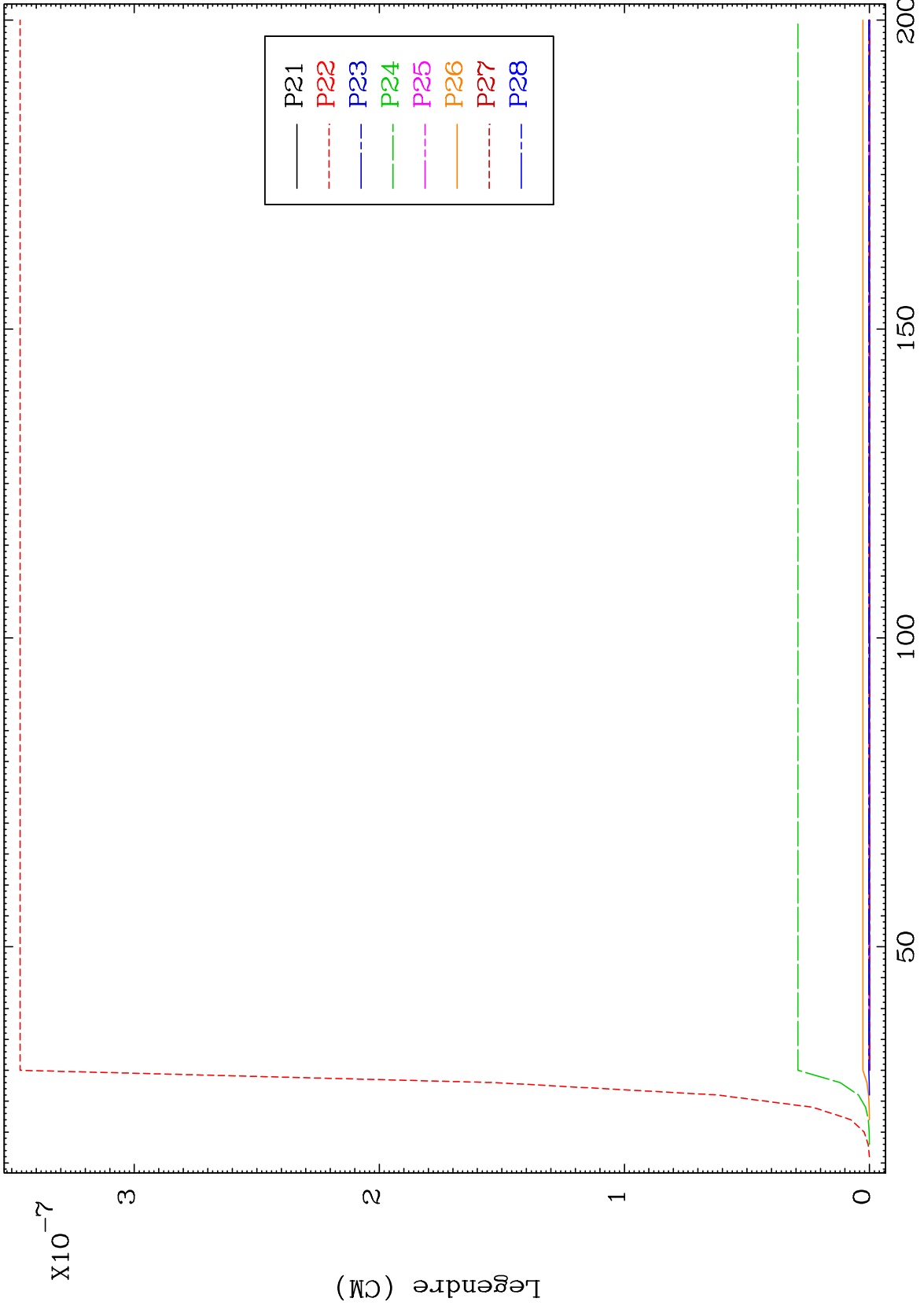


24

Incident Energy (MeV)

36-Kr-76

MAT 3619 MT= 52 (n,n') Level Legendre Coefficients 36-Kr-76

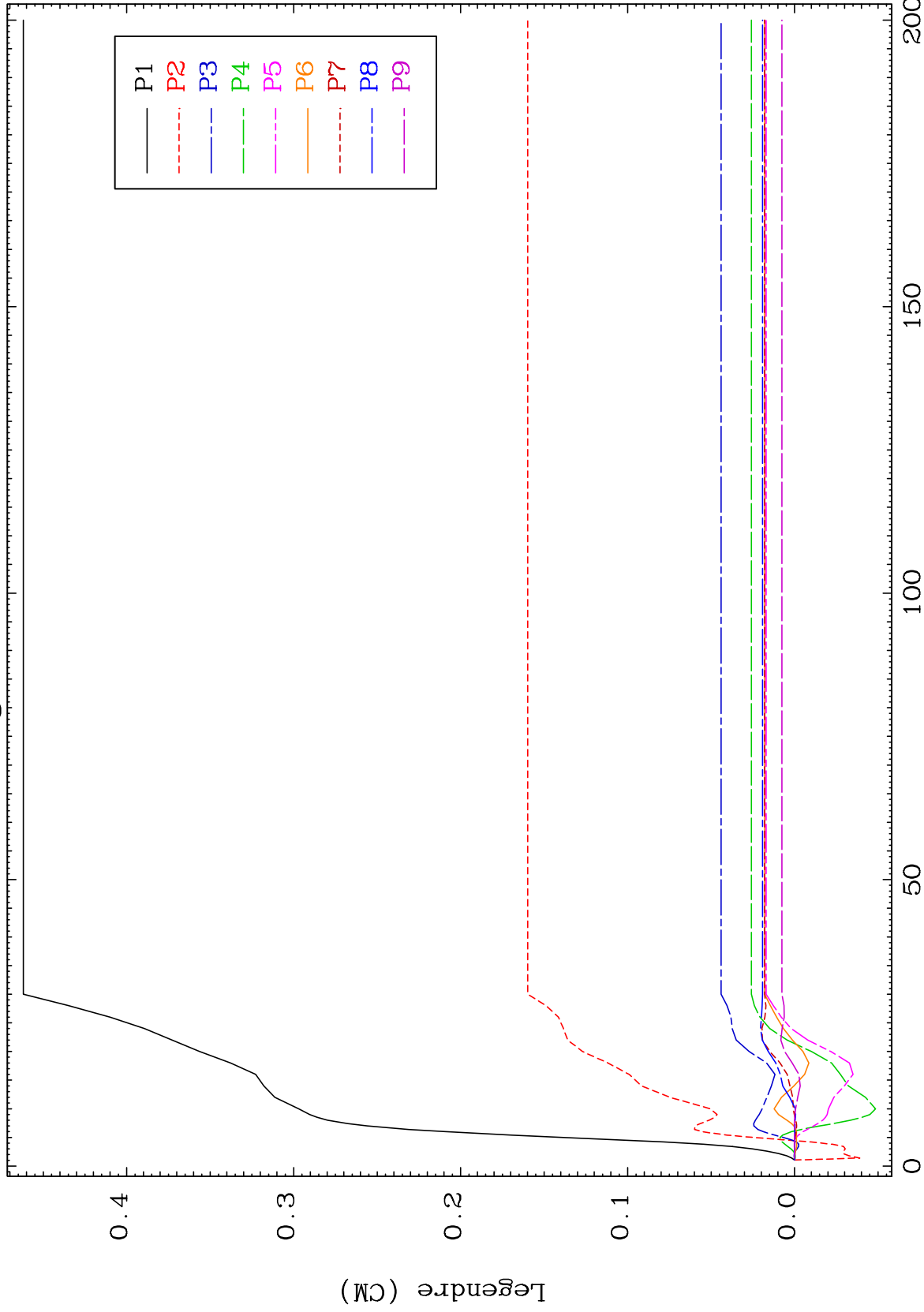


36-Kr-76

MAT 3619

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

36-Kr-76



26

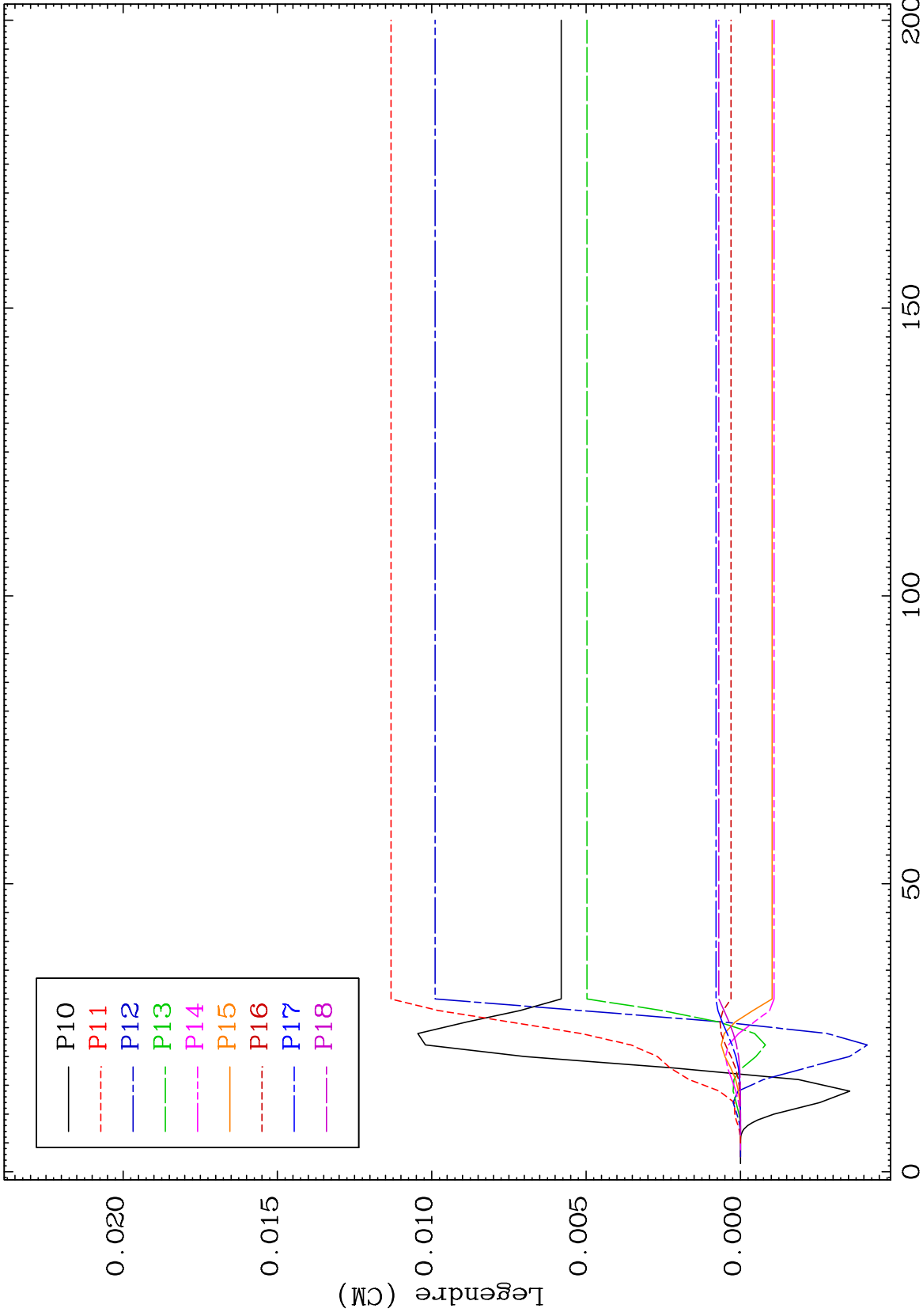
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



27

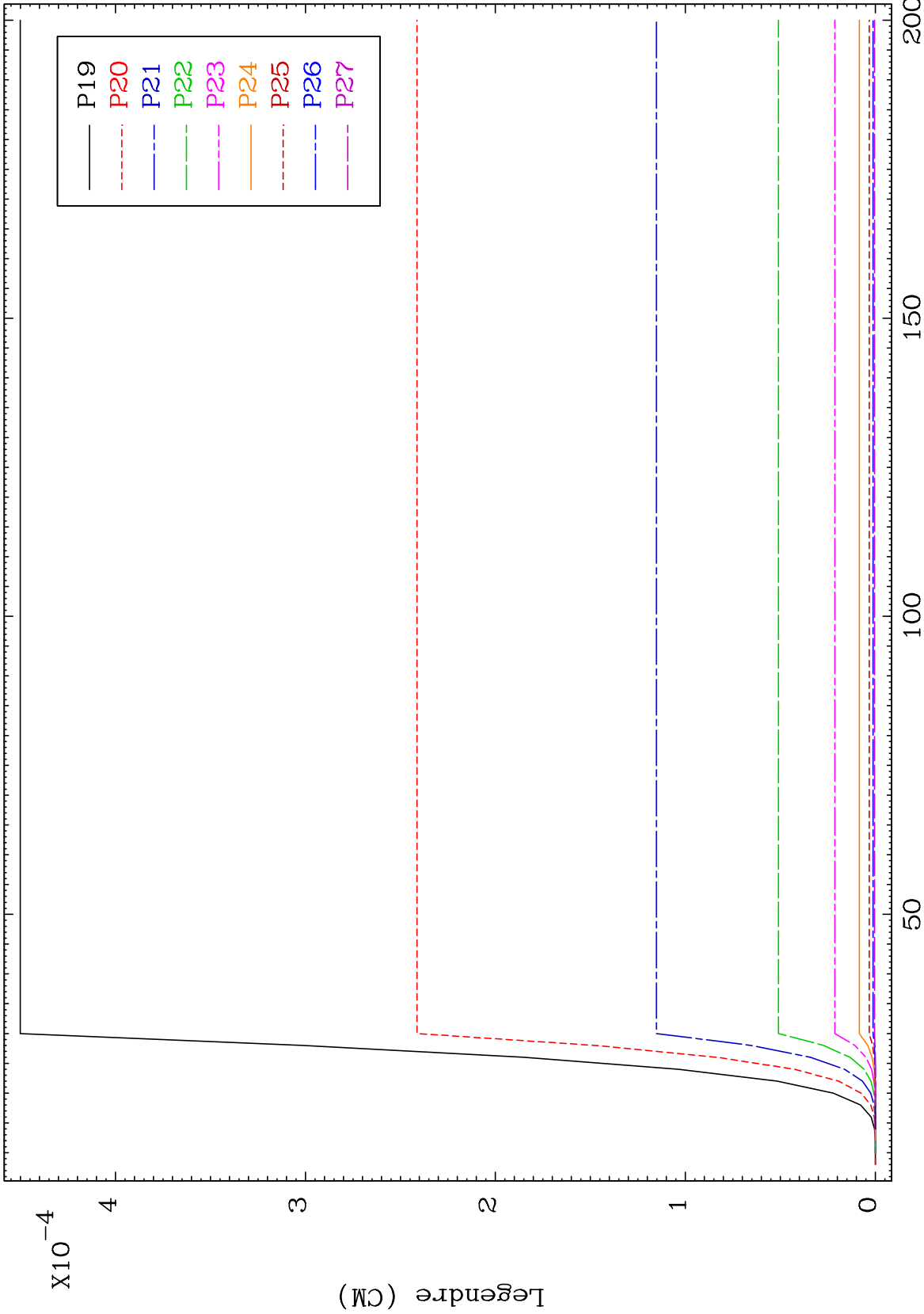
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



28

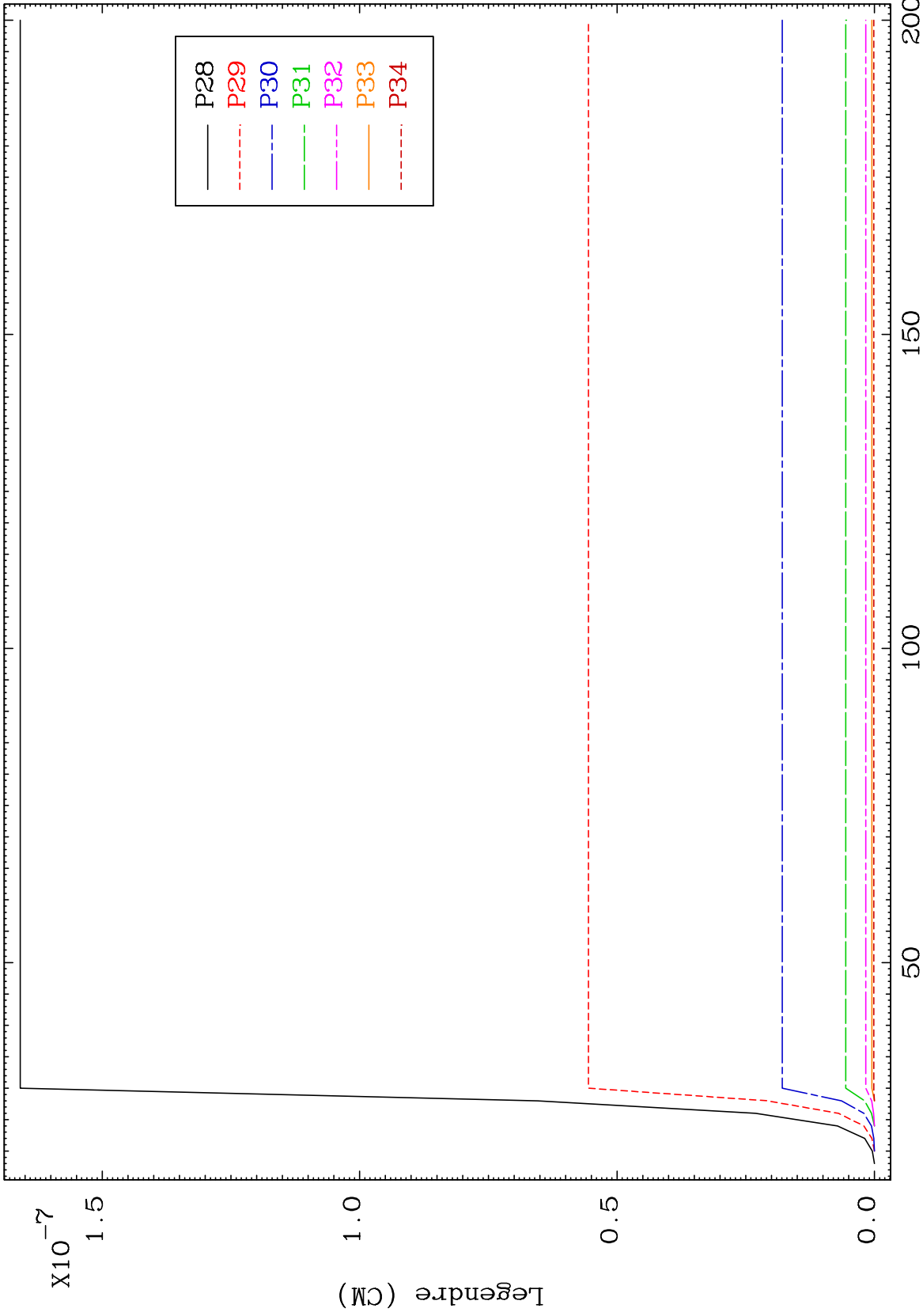
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



29

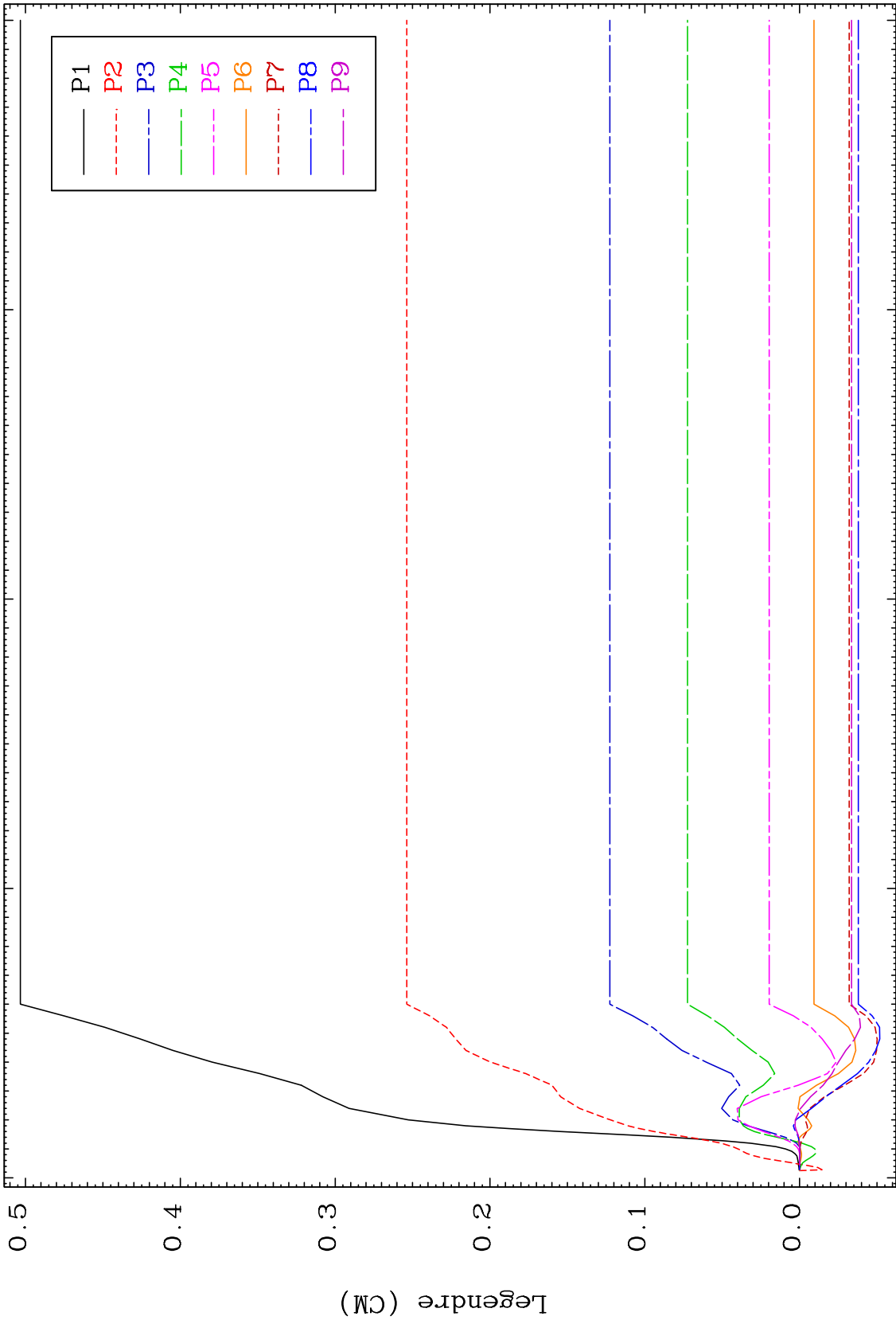
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

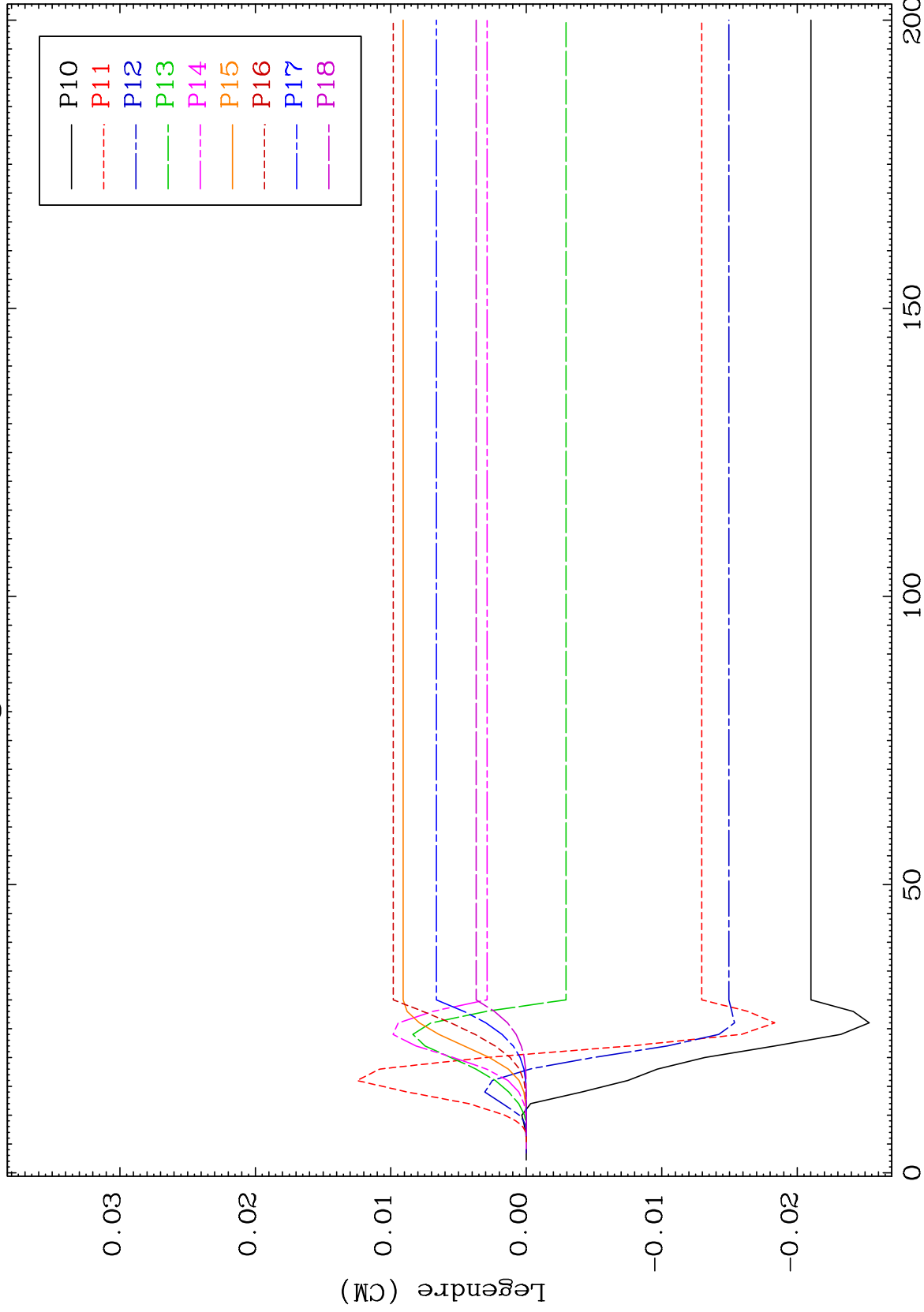
Incident Energy (MeV)

30

MAT 3619

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

36-Kr-76



31

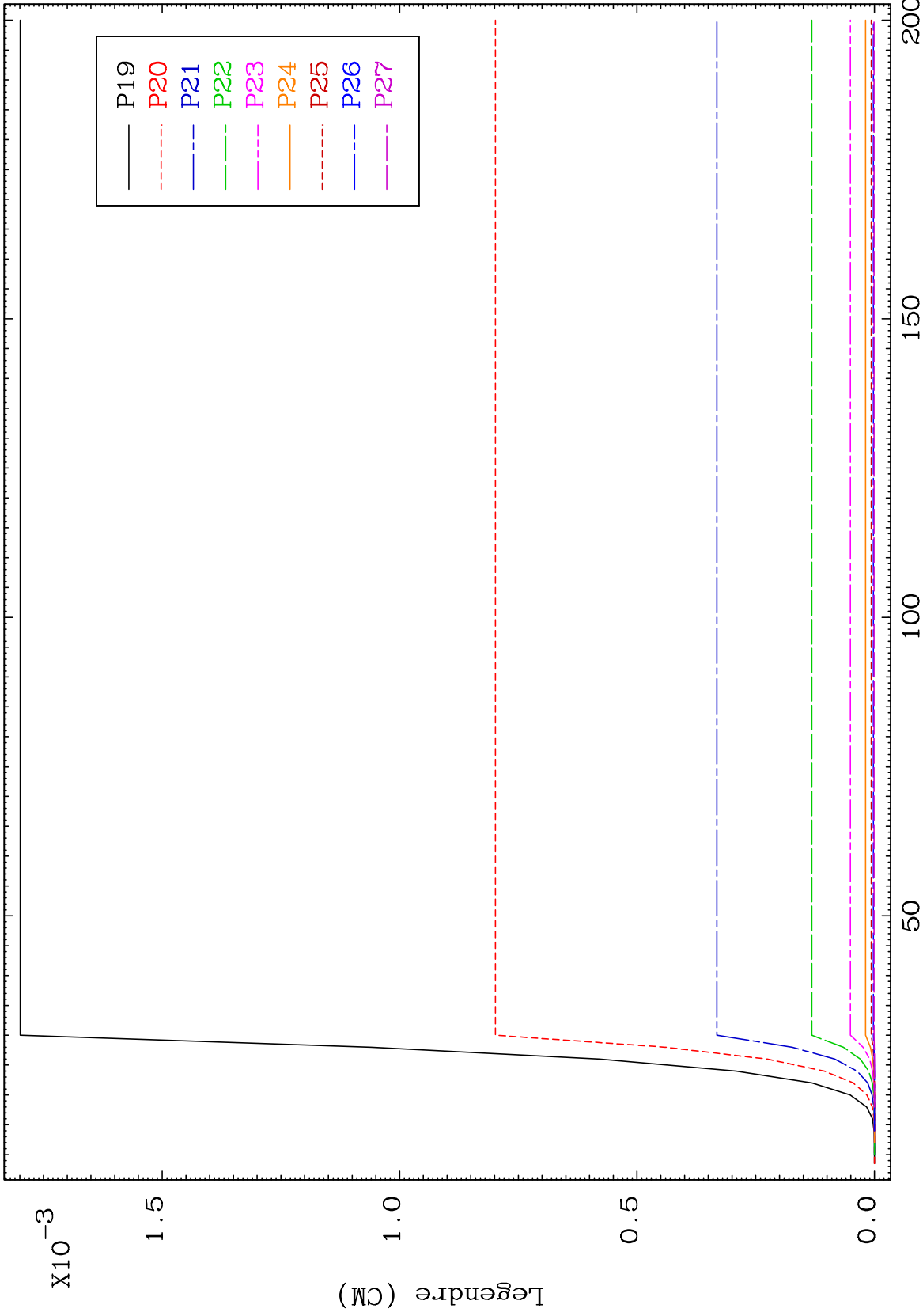
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



32

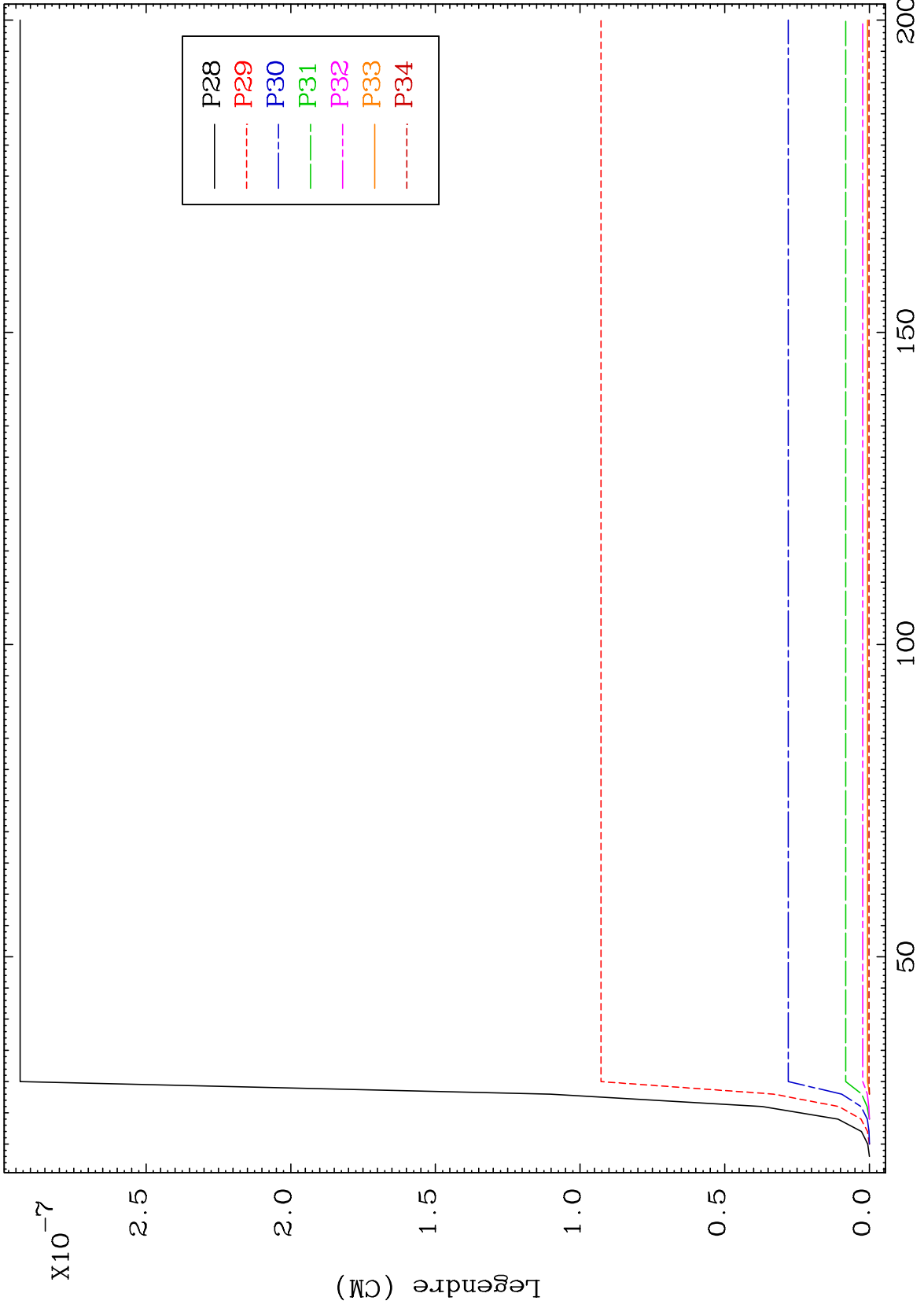
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



33

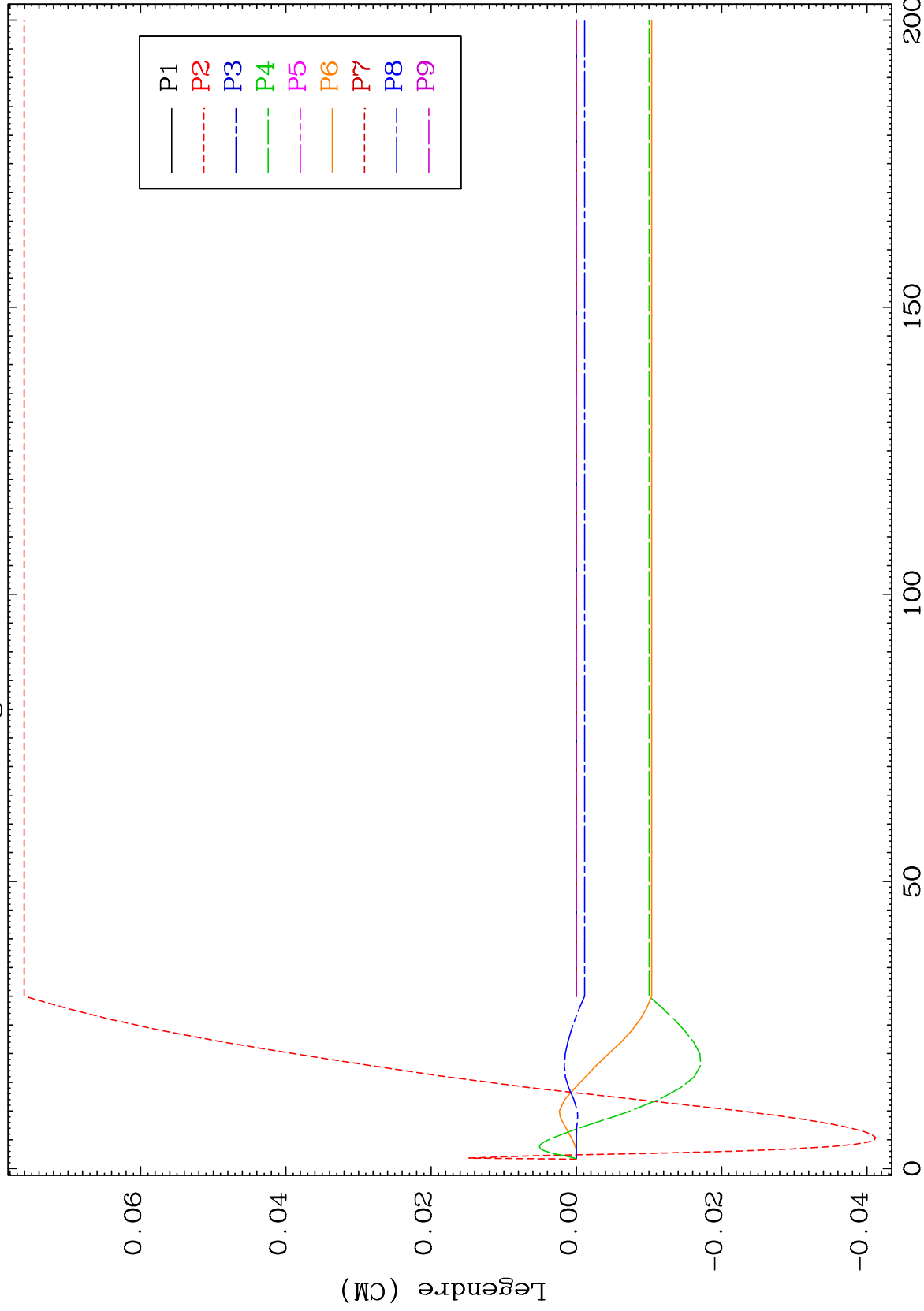
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



34

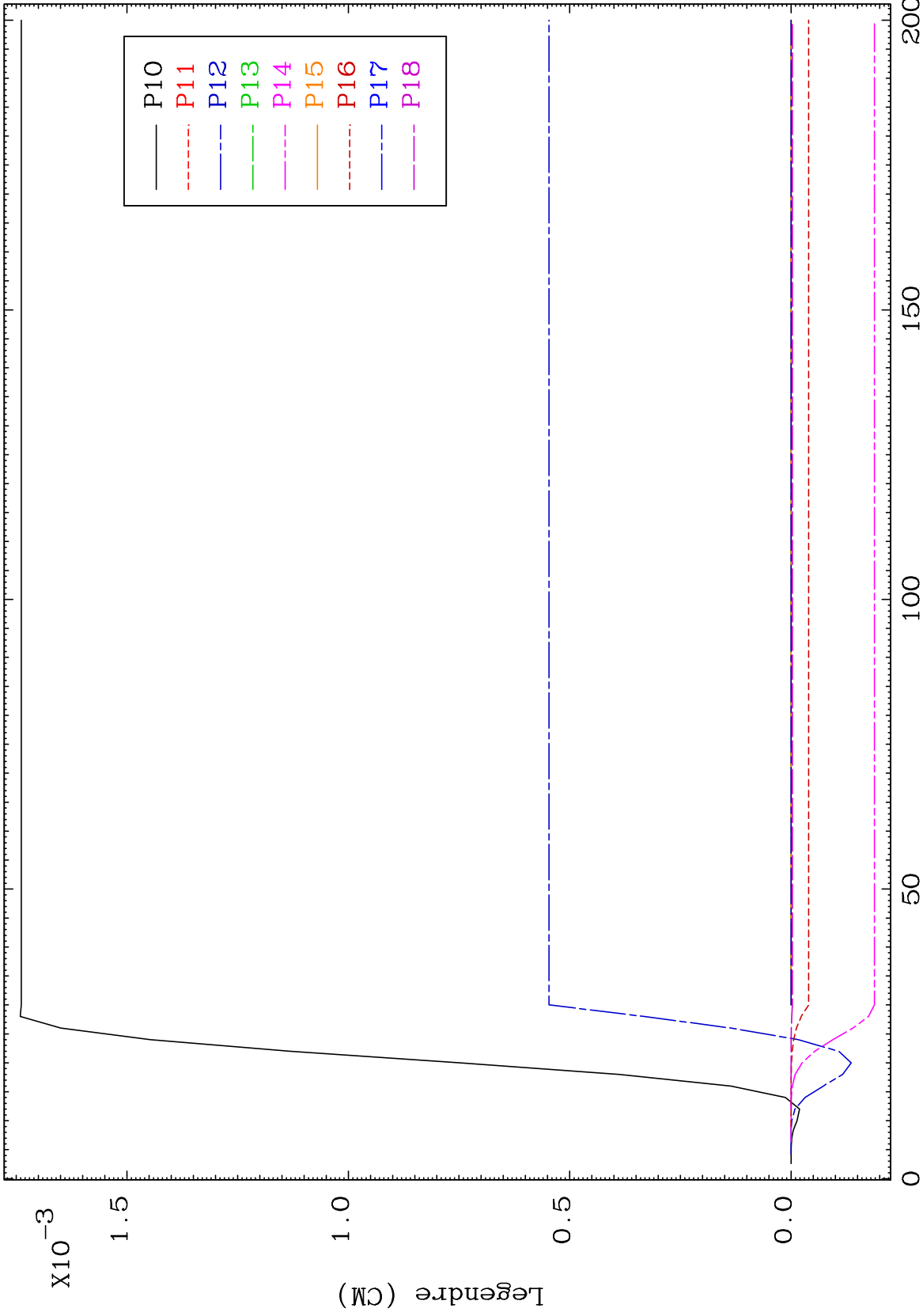
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76

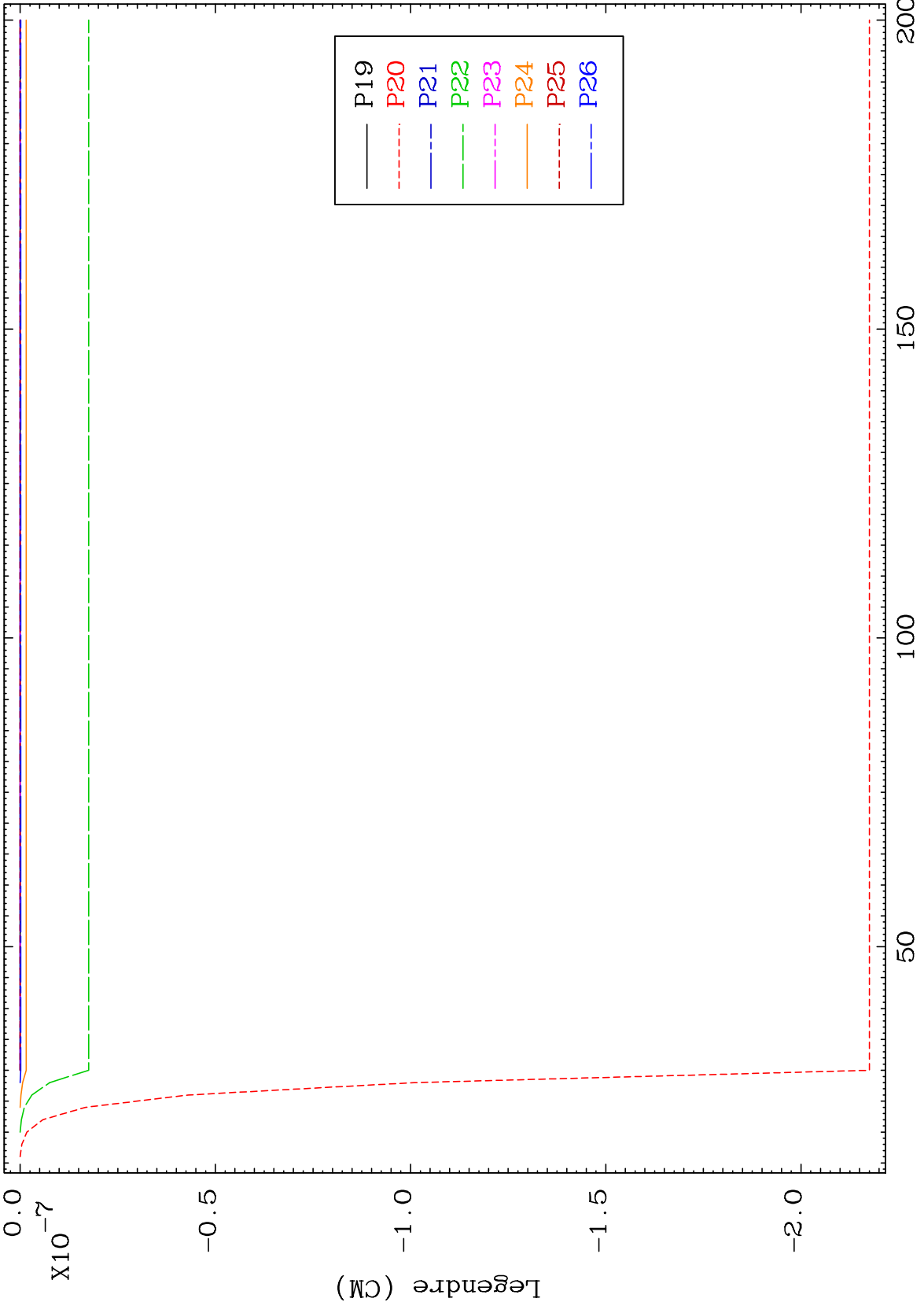


35

Incident Energy (MeV)

36-Kr-76

MAT 3619 MT= 55 (n,n') Level Legendre Coefficients 36-Kr-76

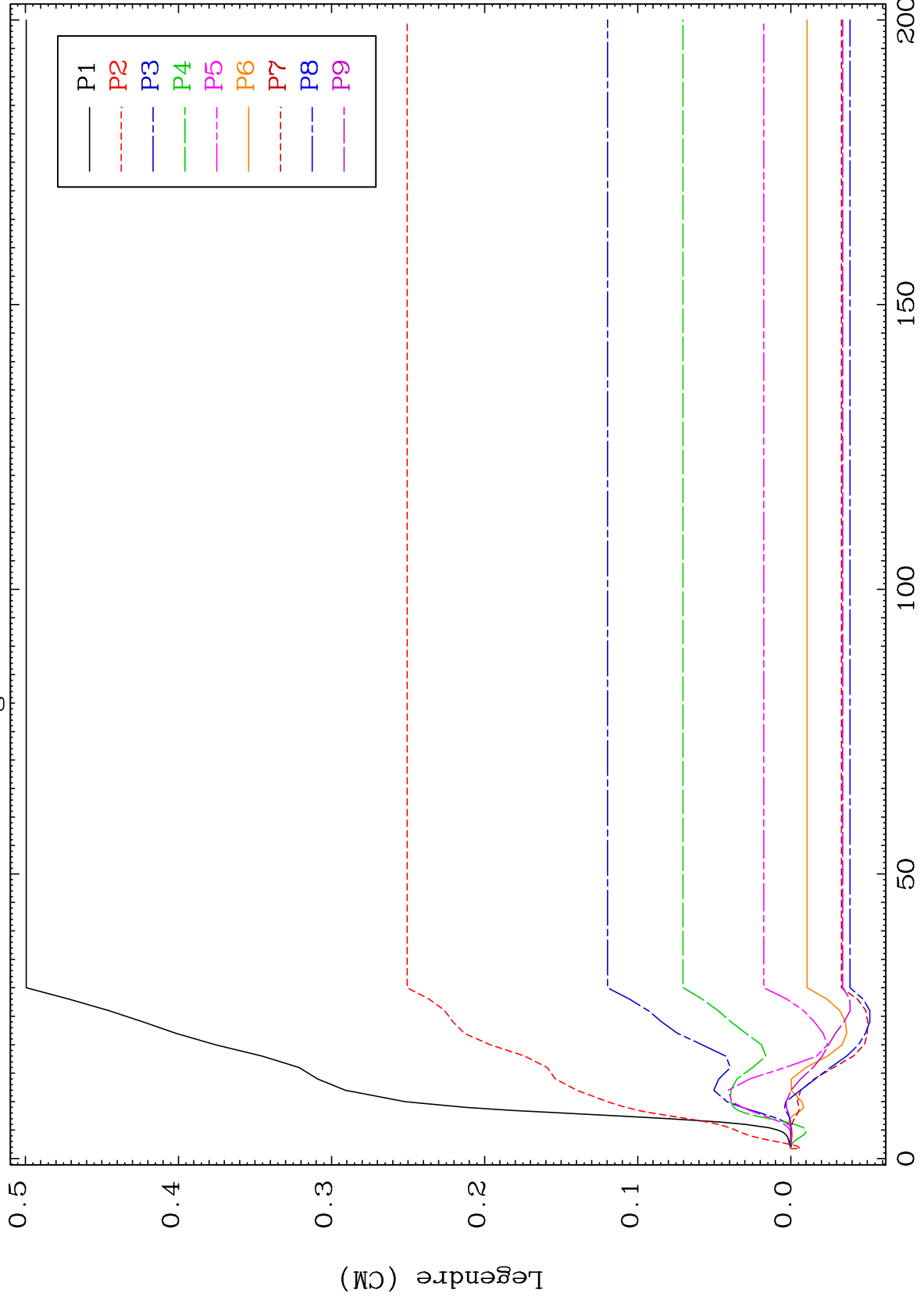


36 36-Kr-76

MAT 3619

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

36-Kr-76



37

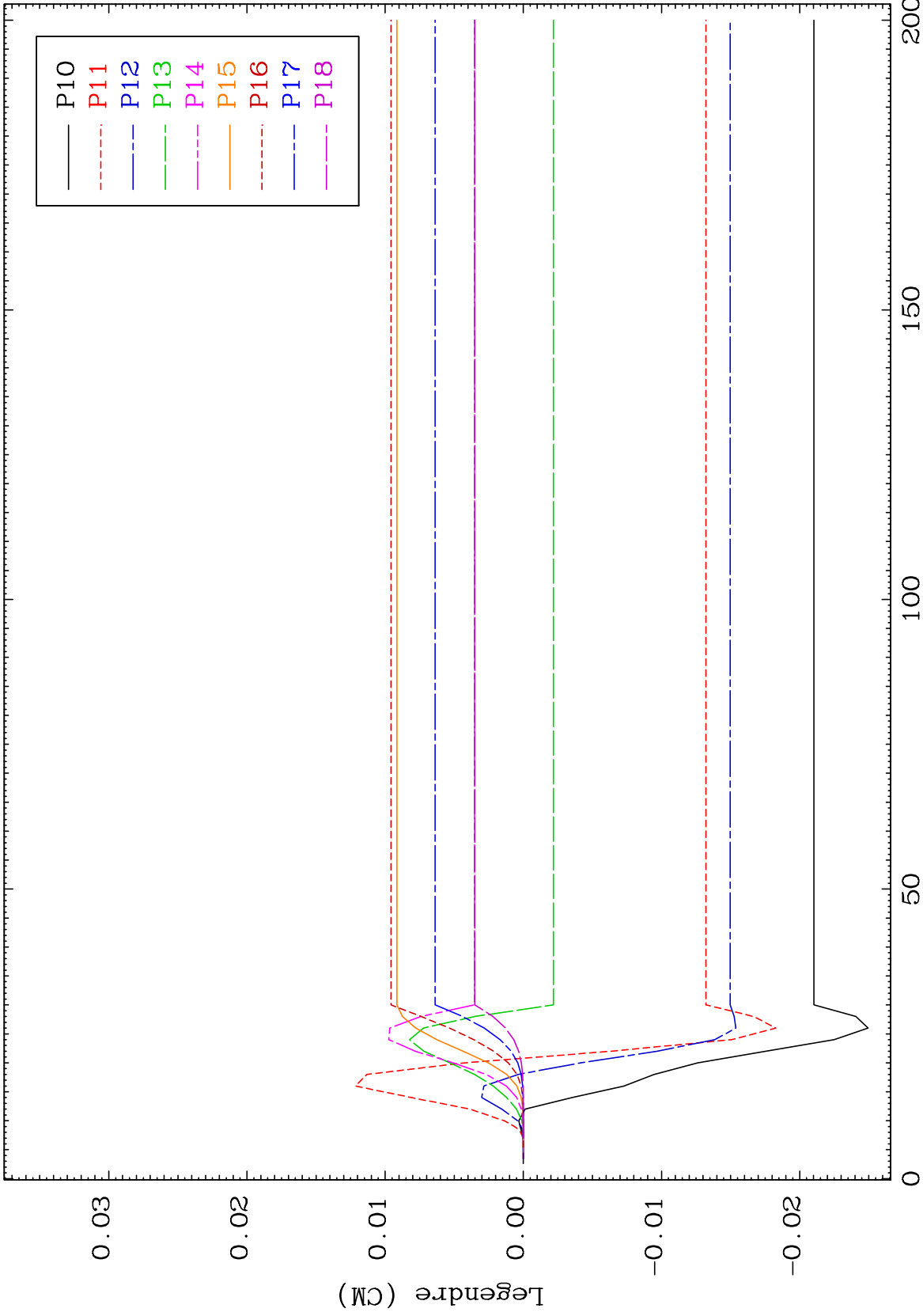
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



38

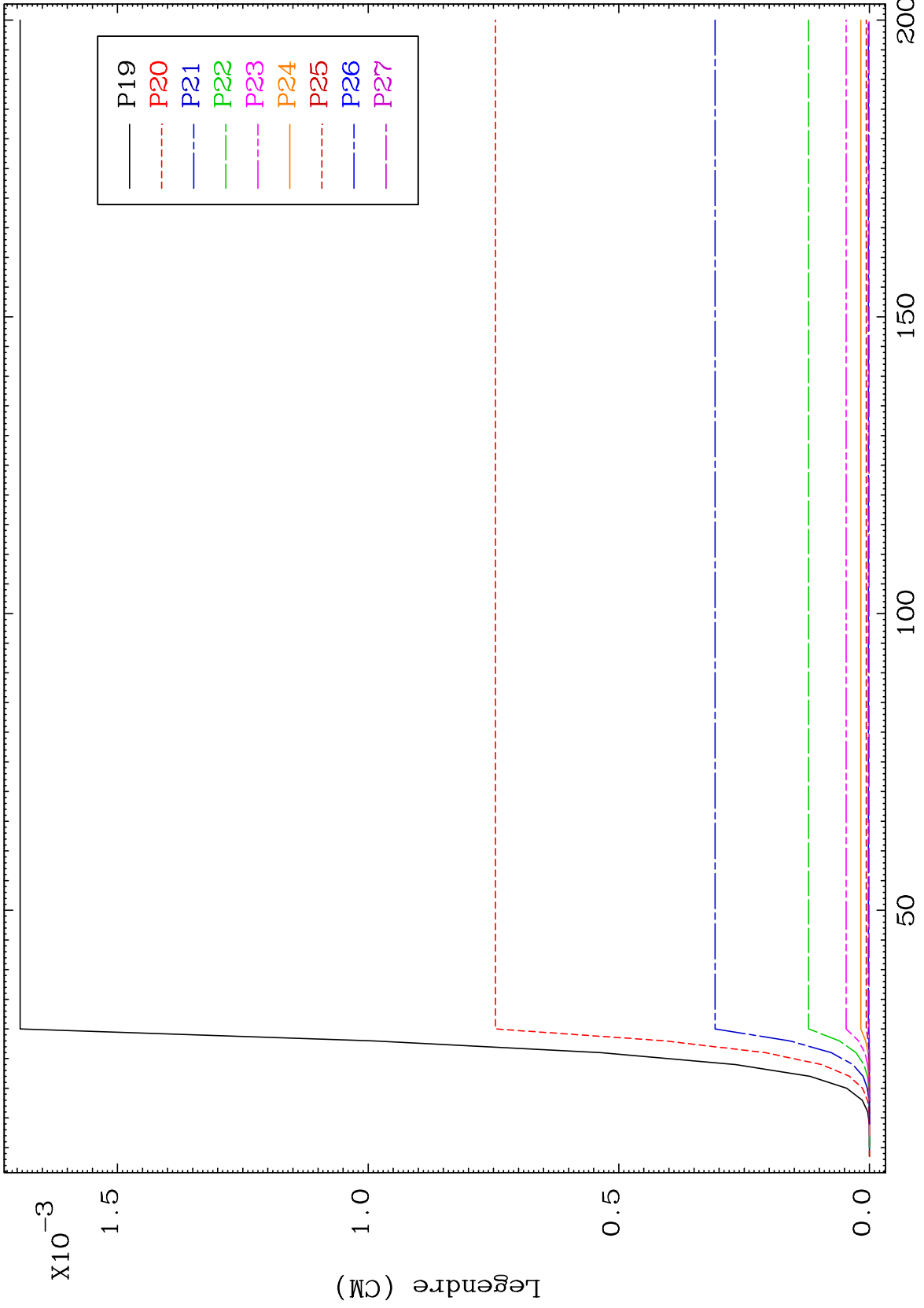
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



39

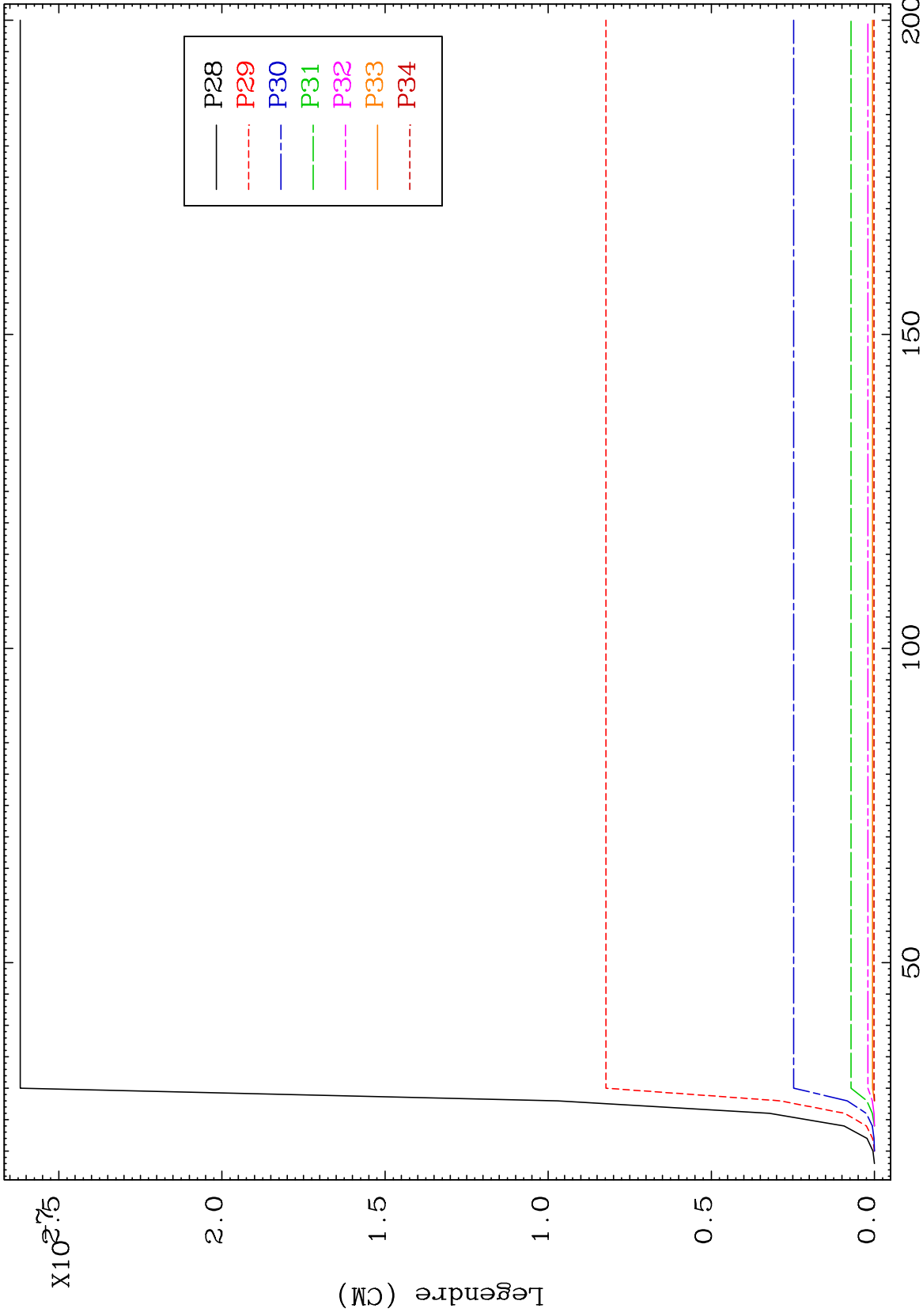
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



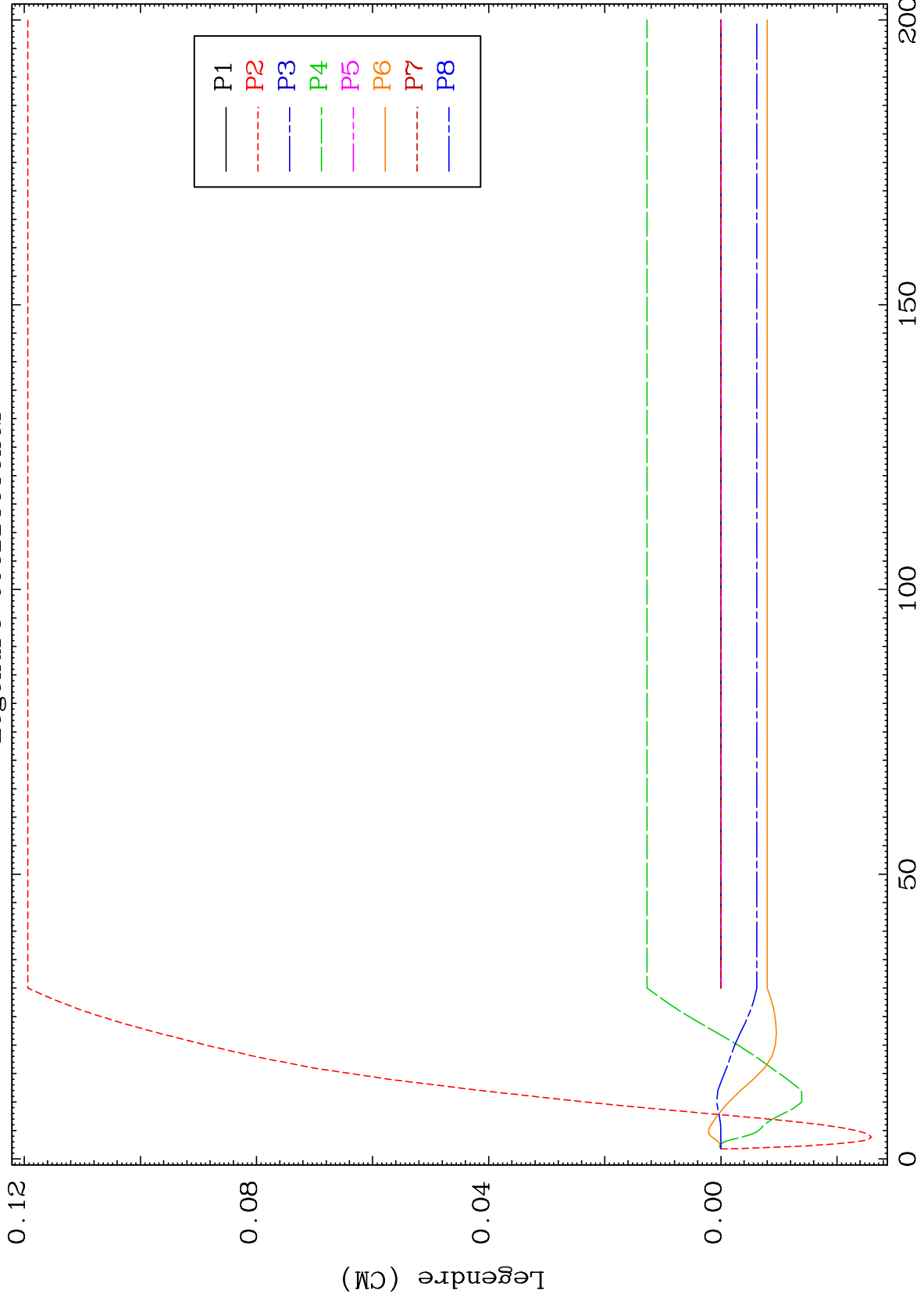
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Incident Energy (MeV)

36-Kr-76

MAT 3619 MT= 57 (n,n') Level Legendre Coefficients

36-Kr-76



36-Kr-76

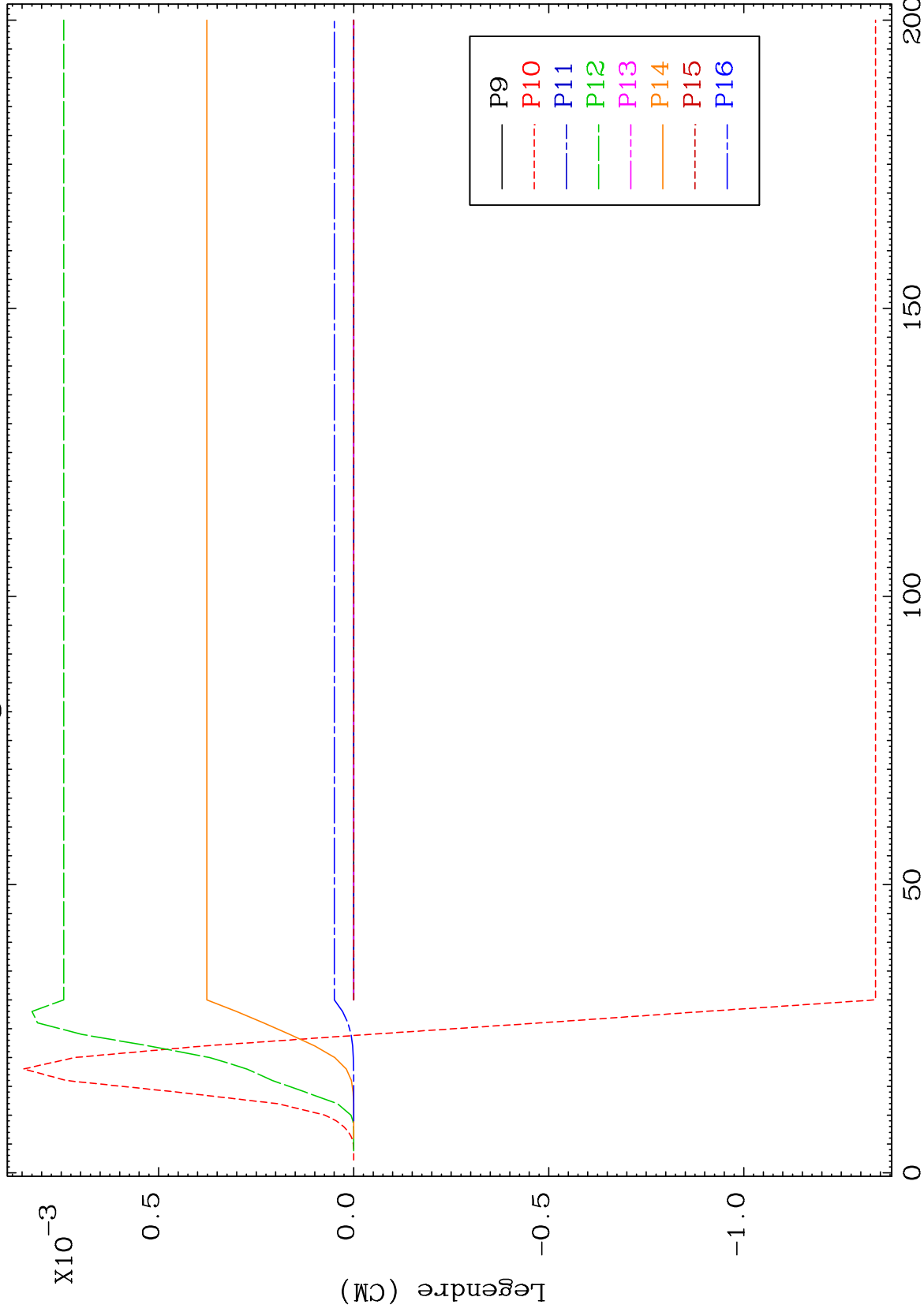
Incident Energy (MeV)

41

MAT 3619

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

36-Kr-76



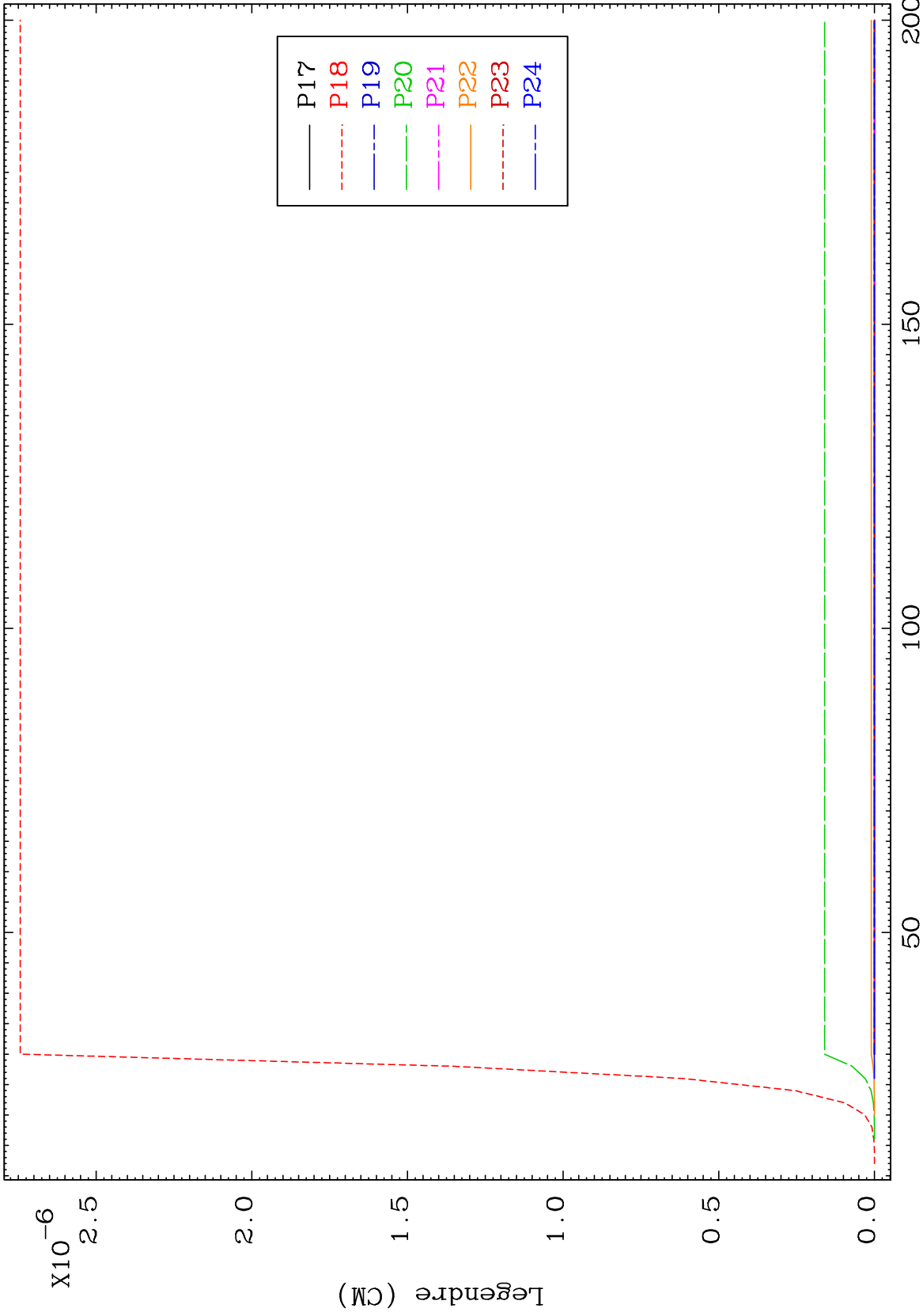
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36-Kr-76

MAT 3619

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

36-Kr-76



43

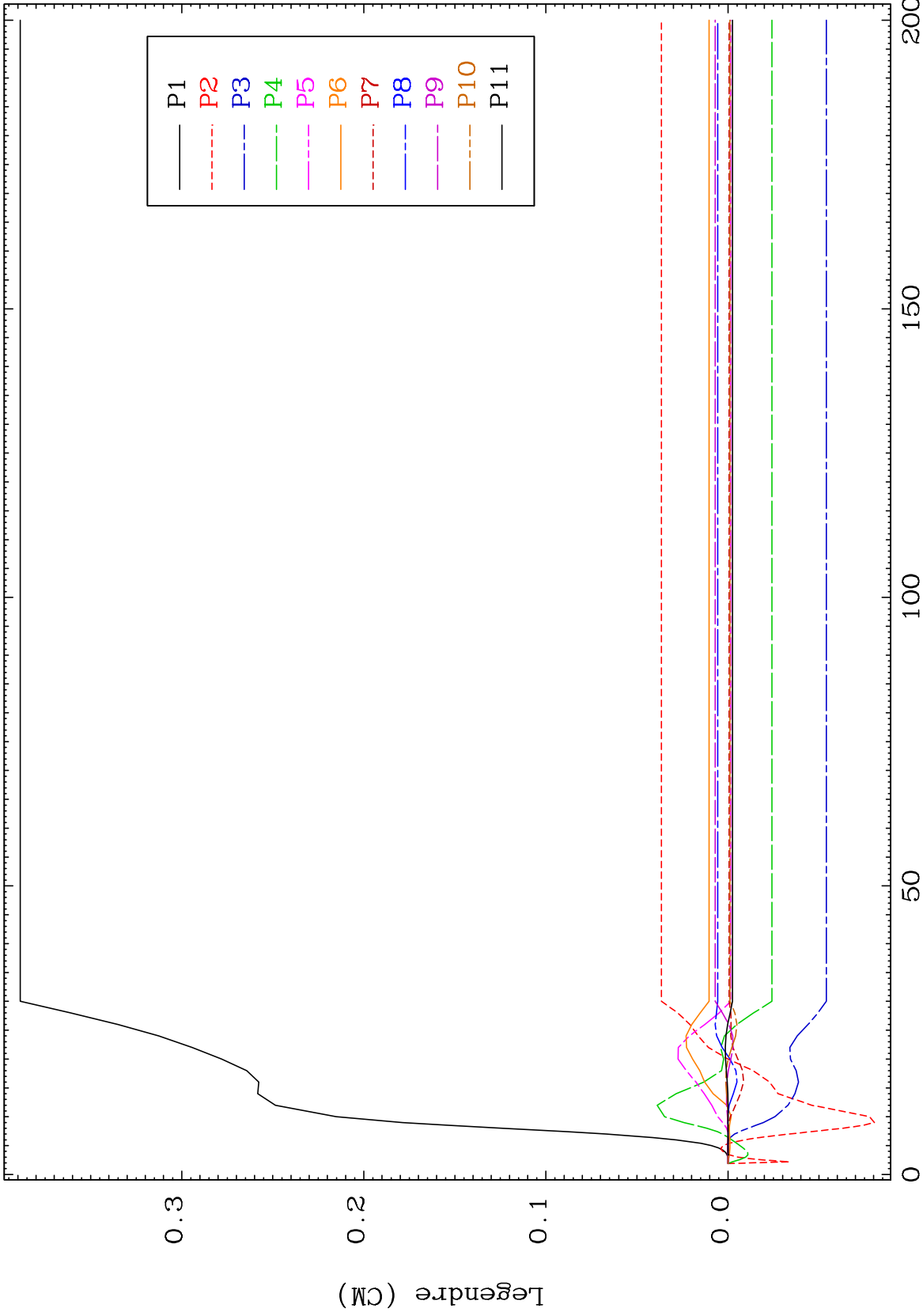
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



44

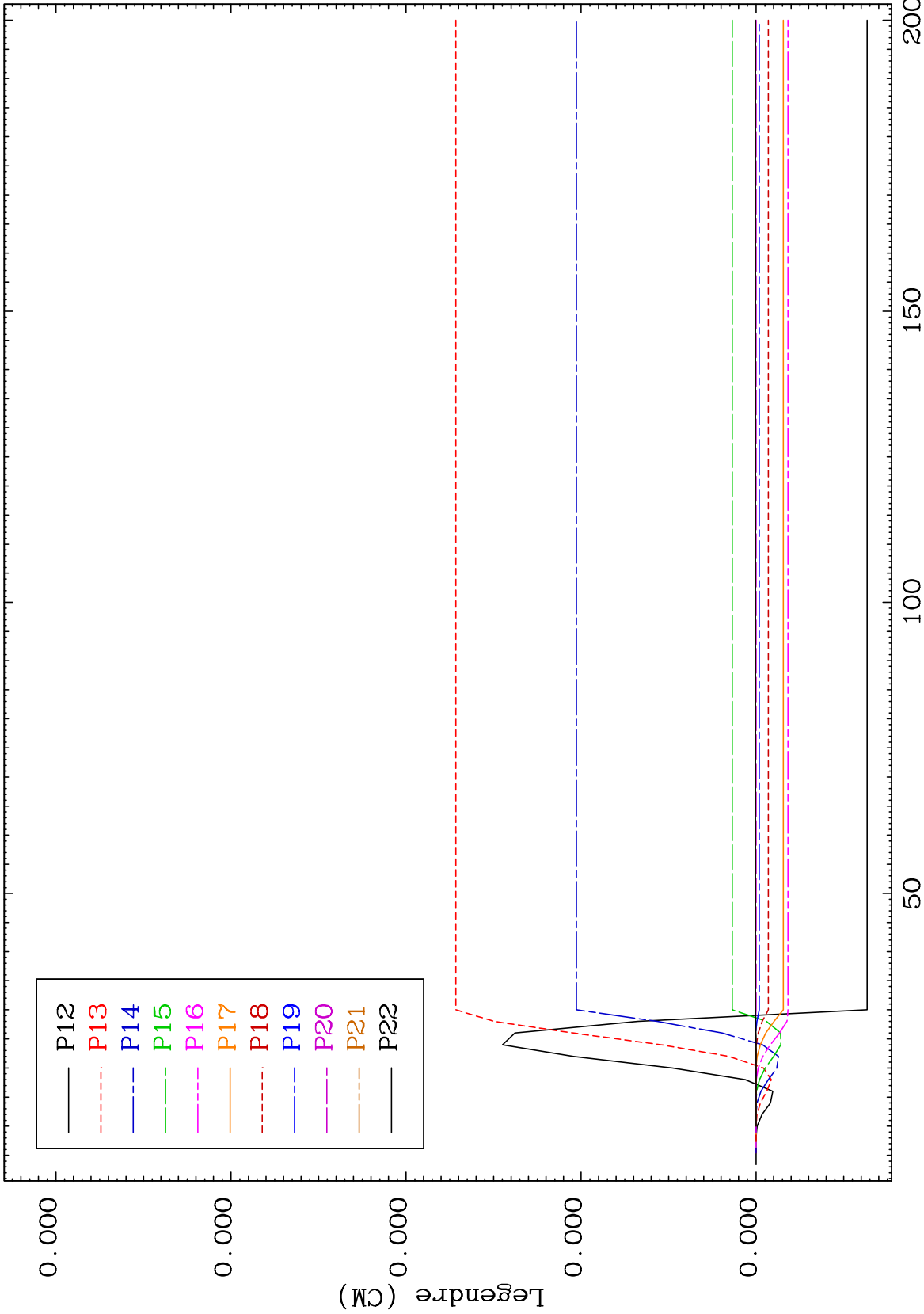
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



45

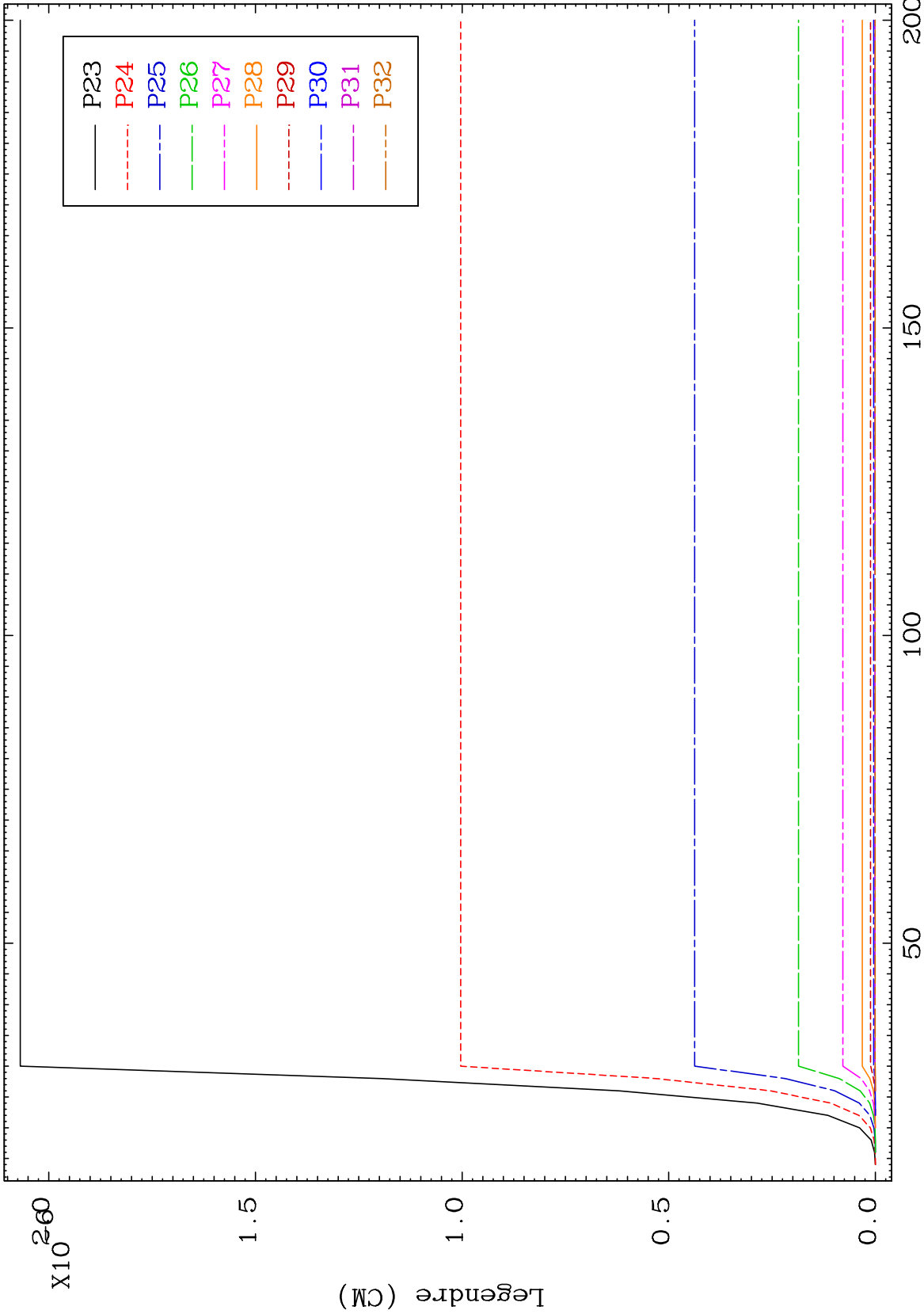
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



46

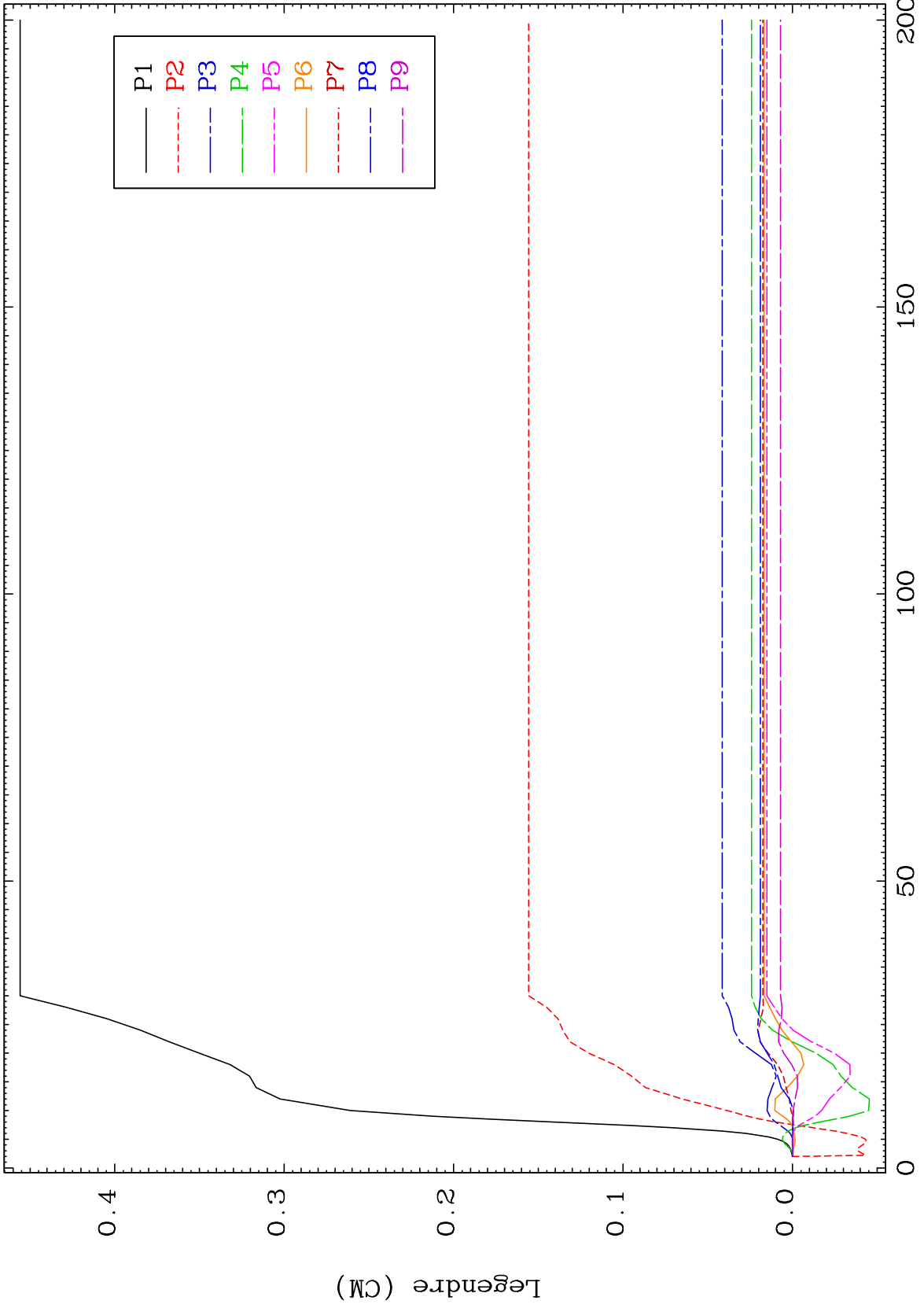
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



47

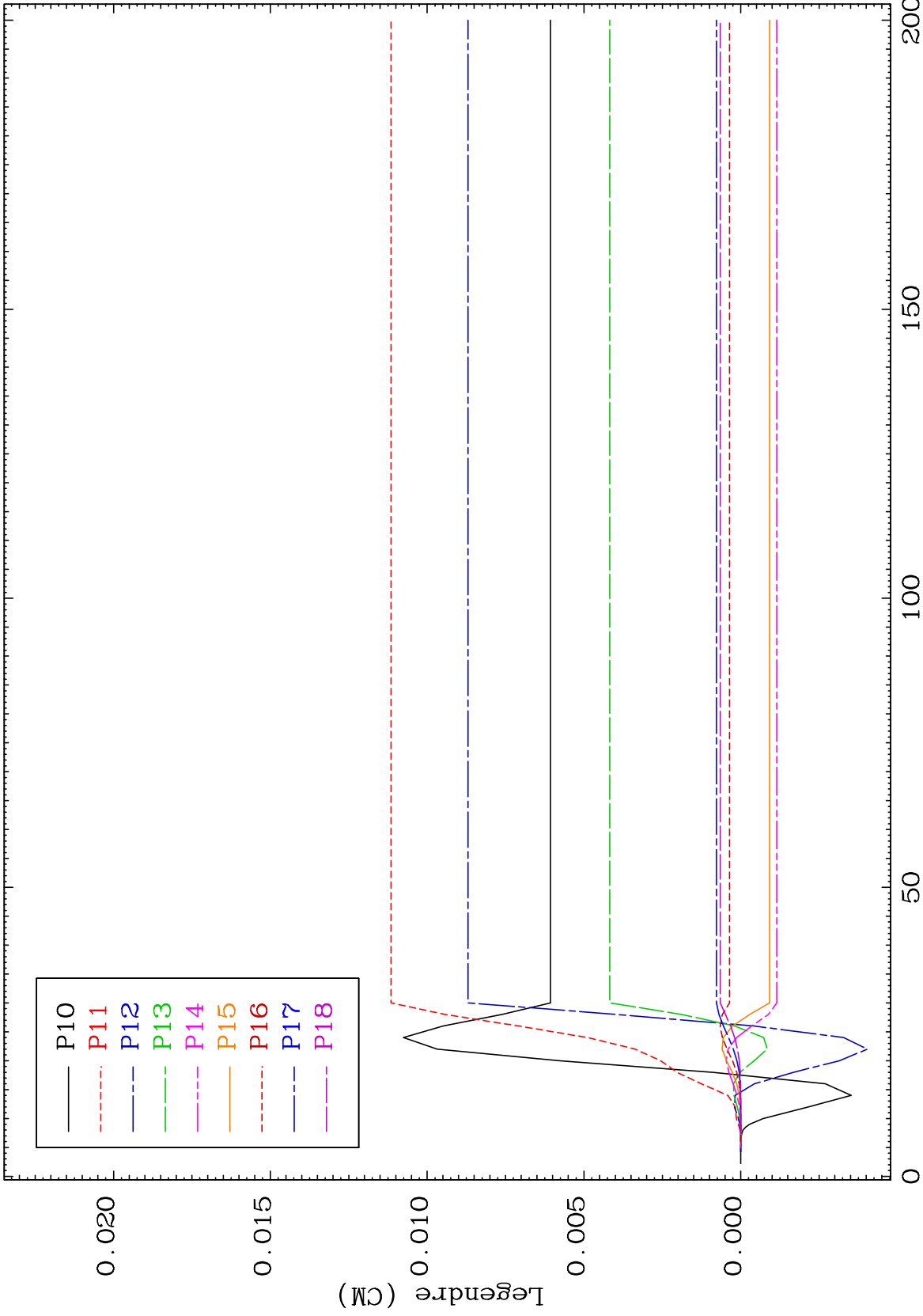
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



48

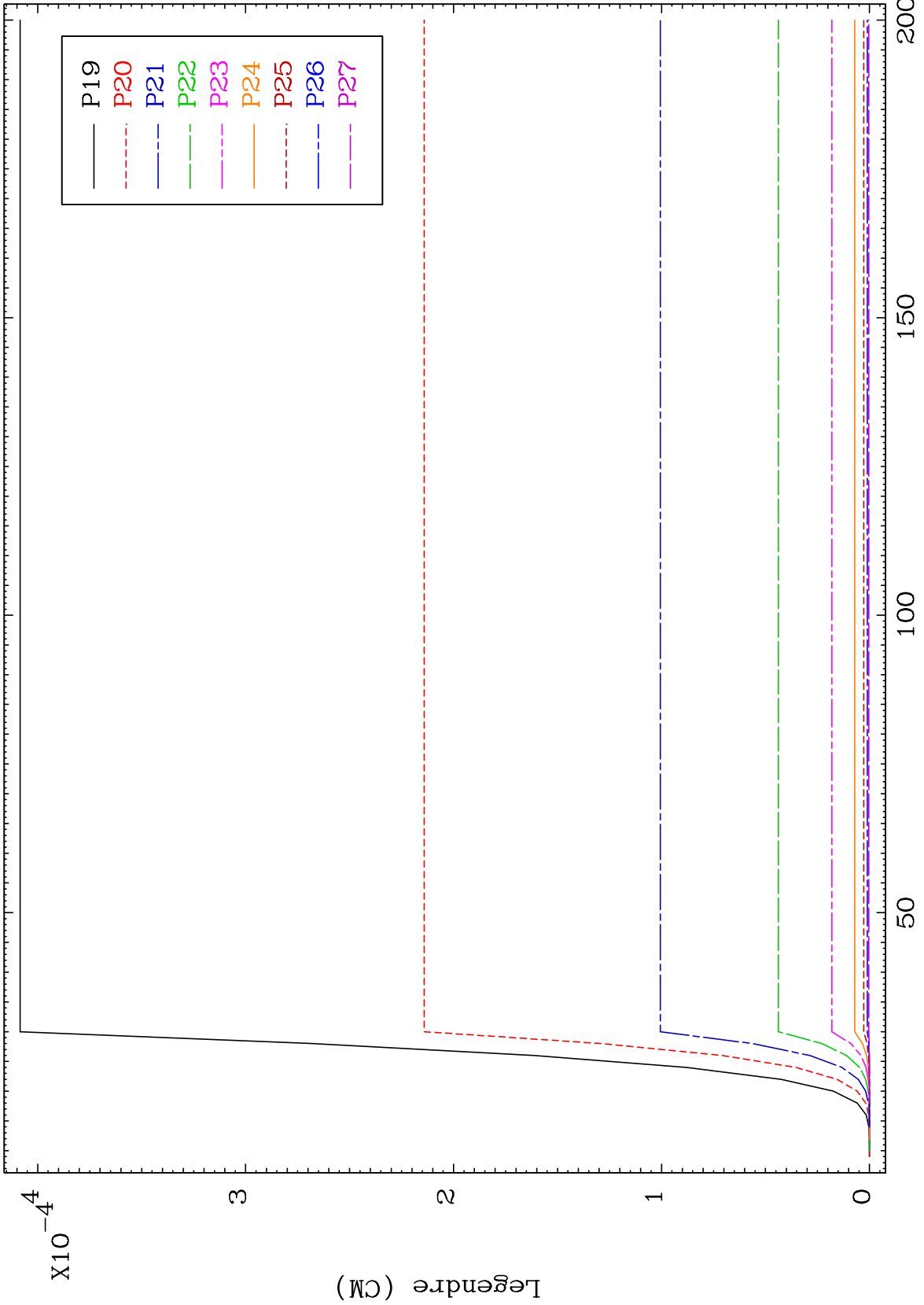
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



49

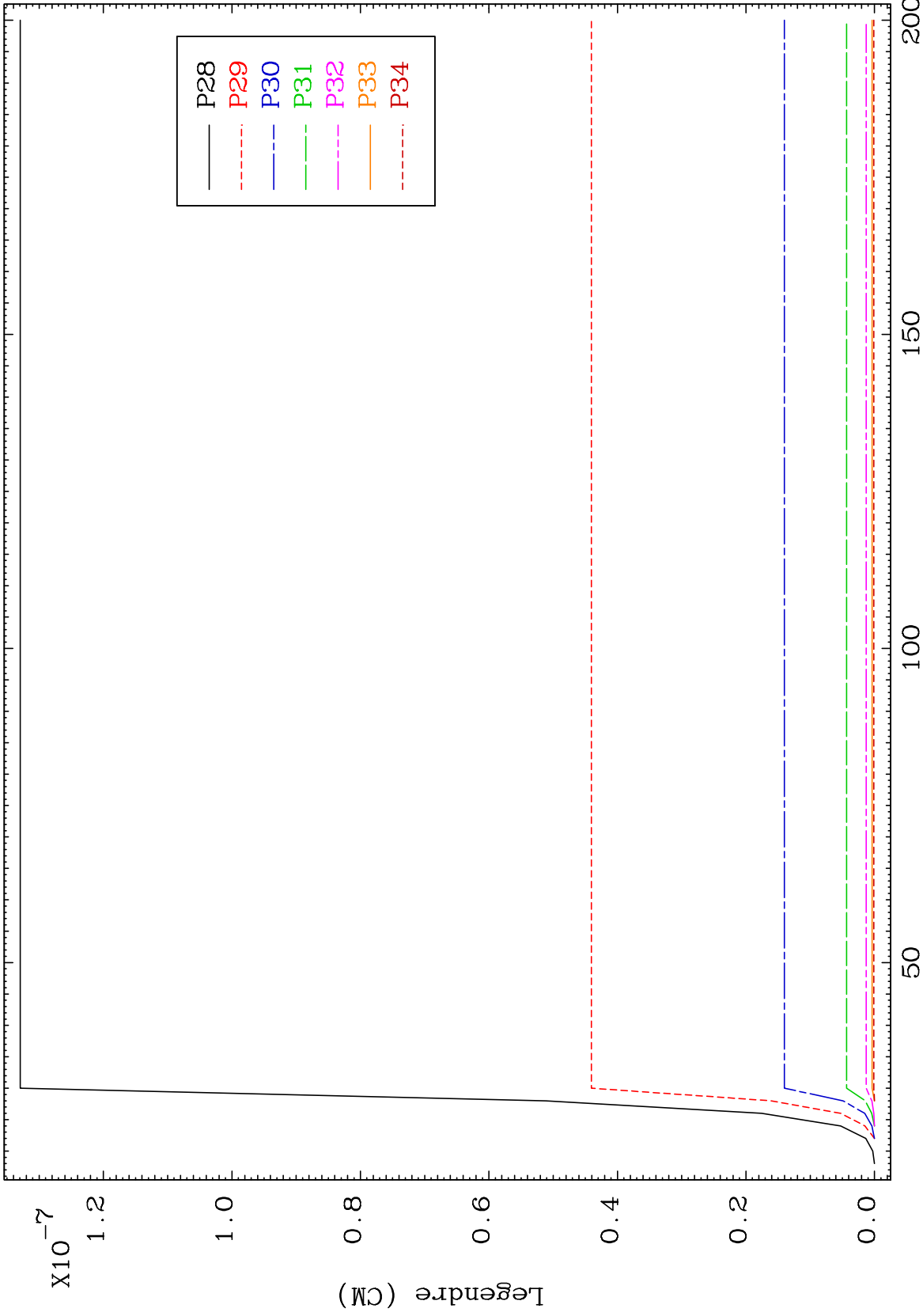
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



50

Incident Energy (MeV)

50

150

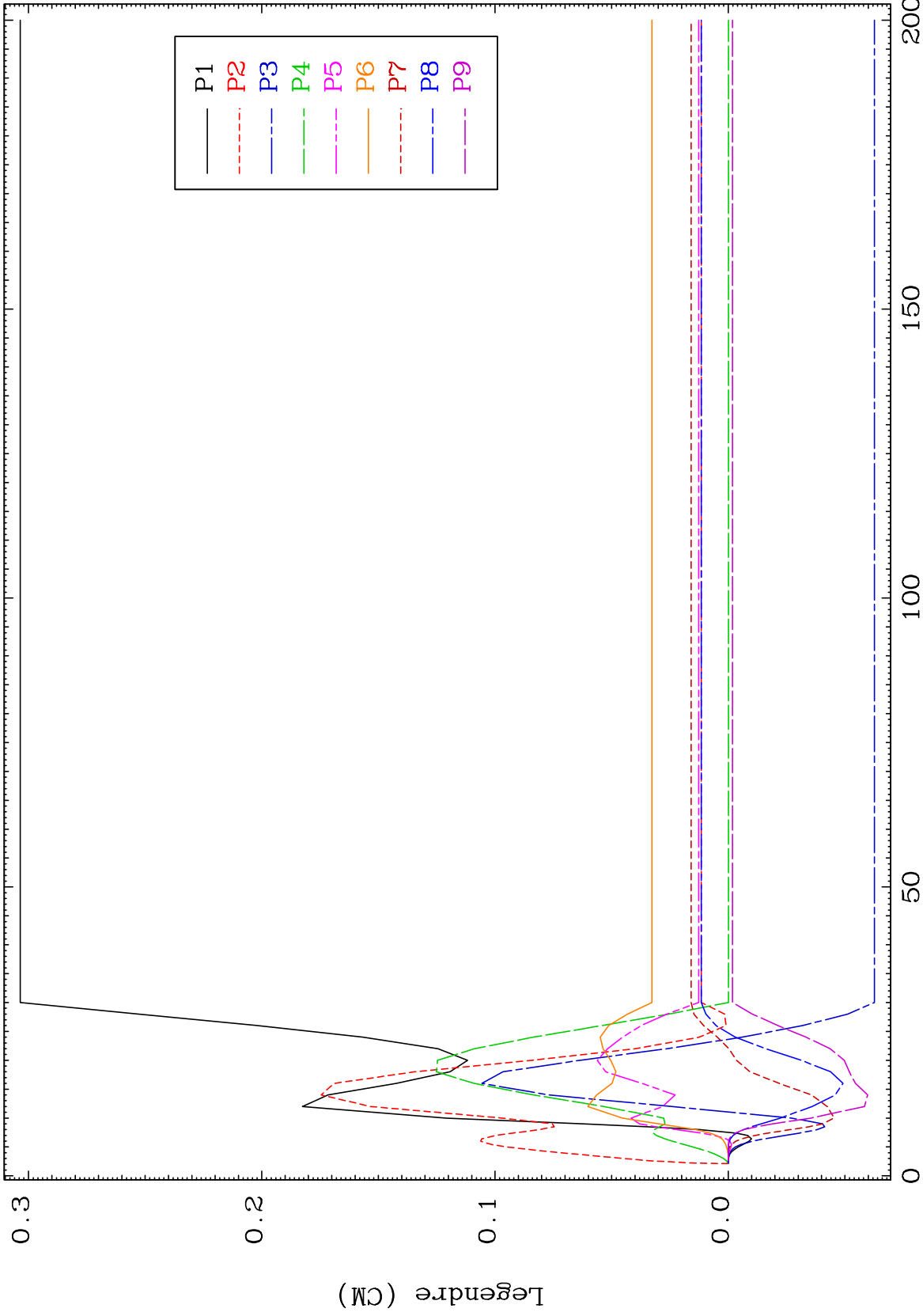
200

36-Kr-76

MAT 3619

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

36-Kr-76



51

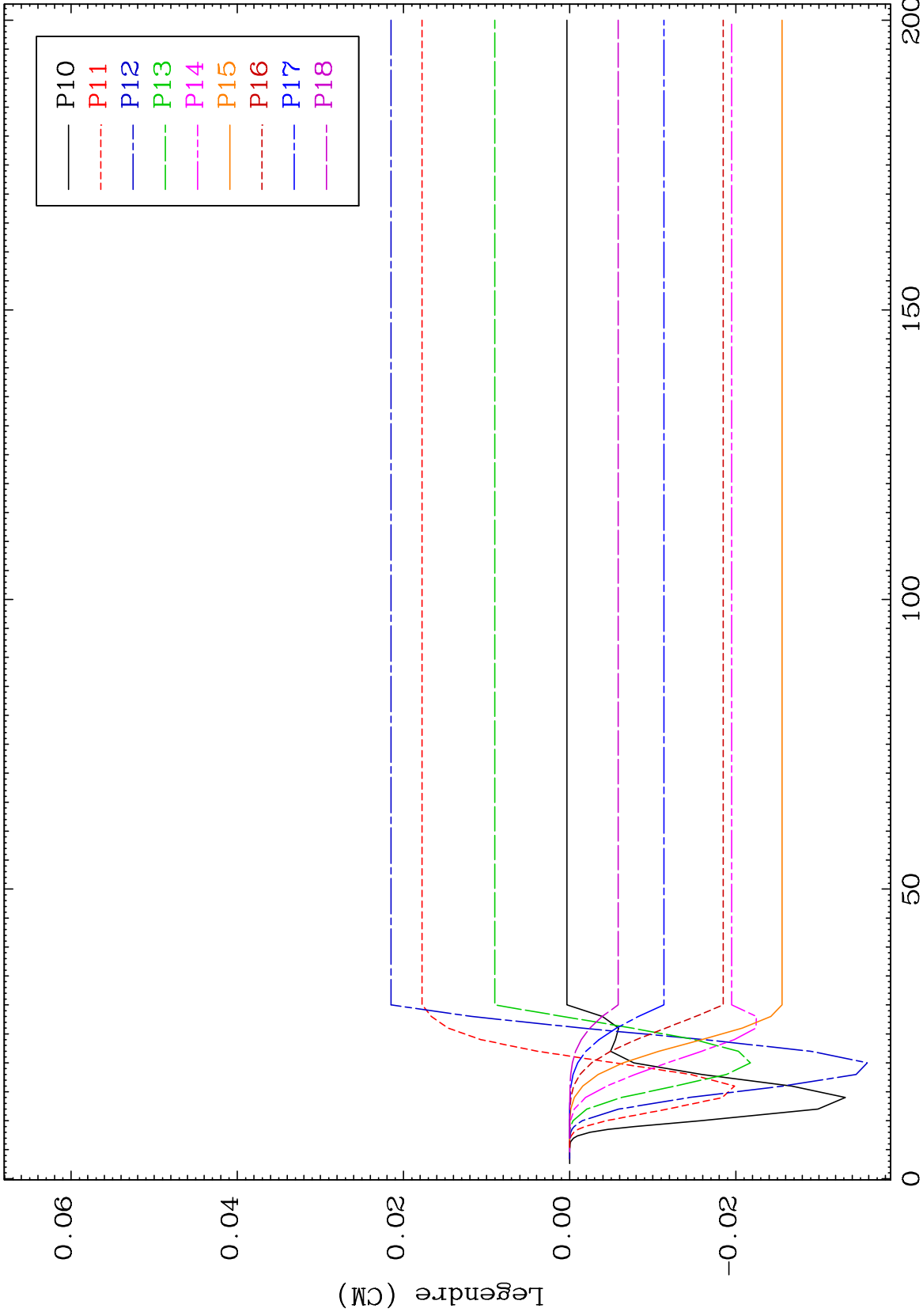
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



52

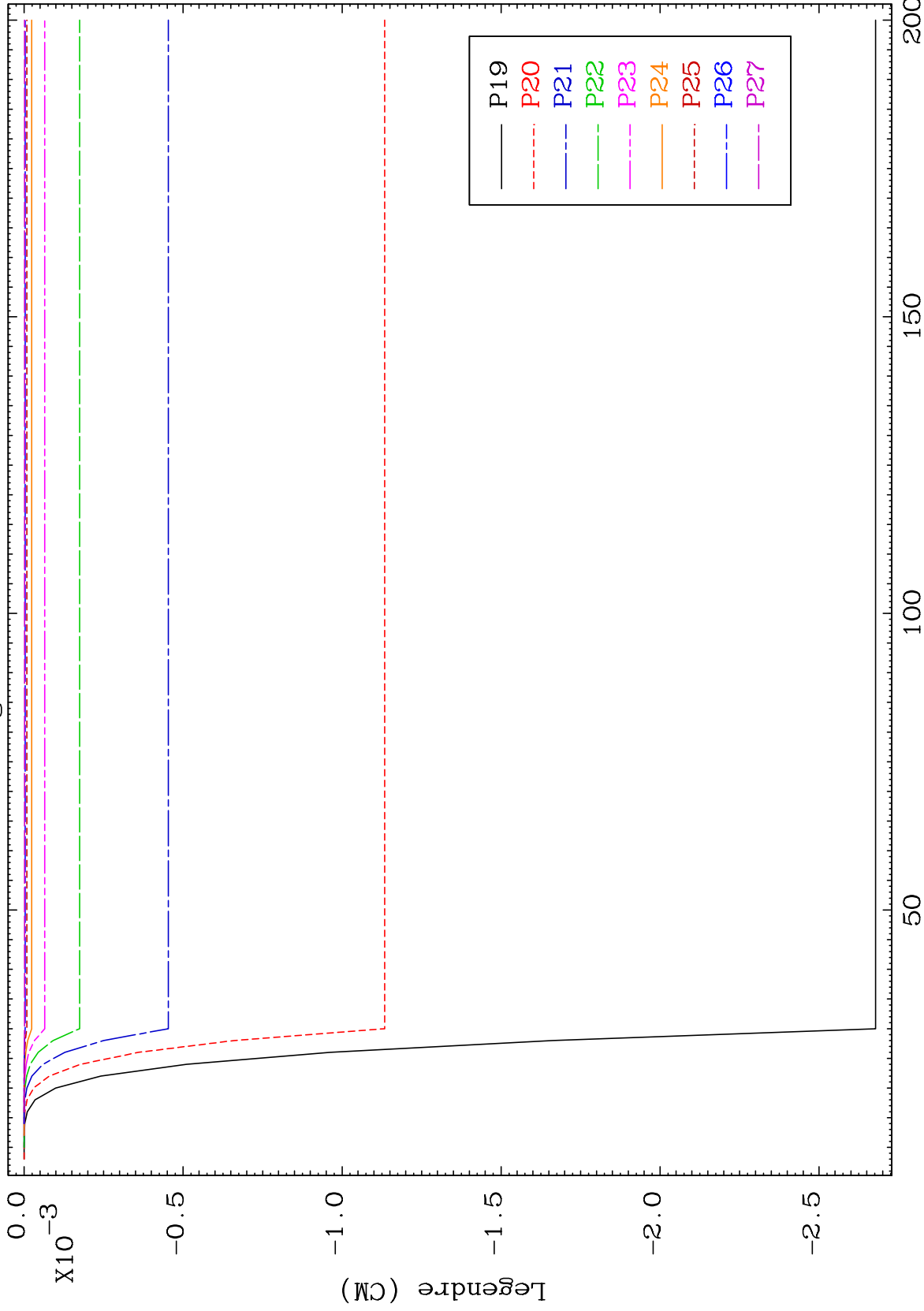
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



53

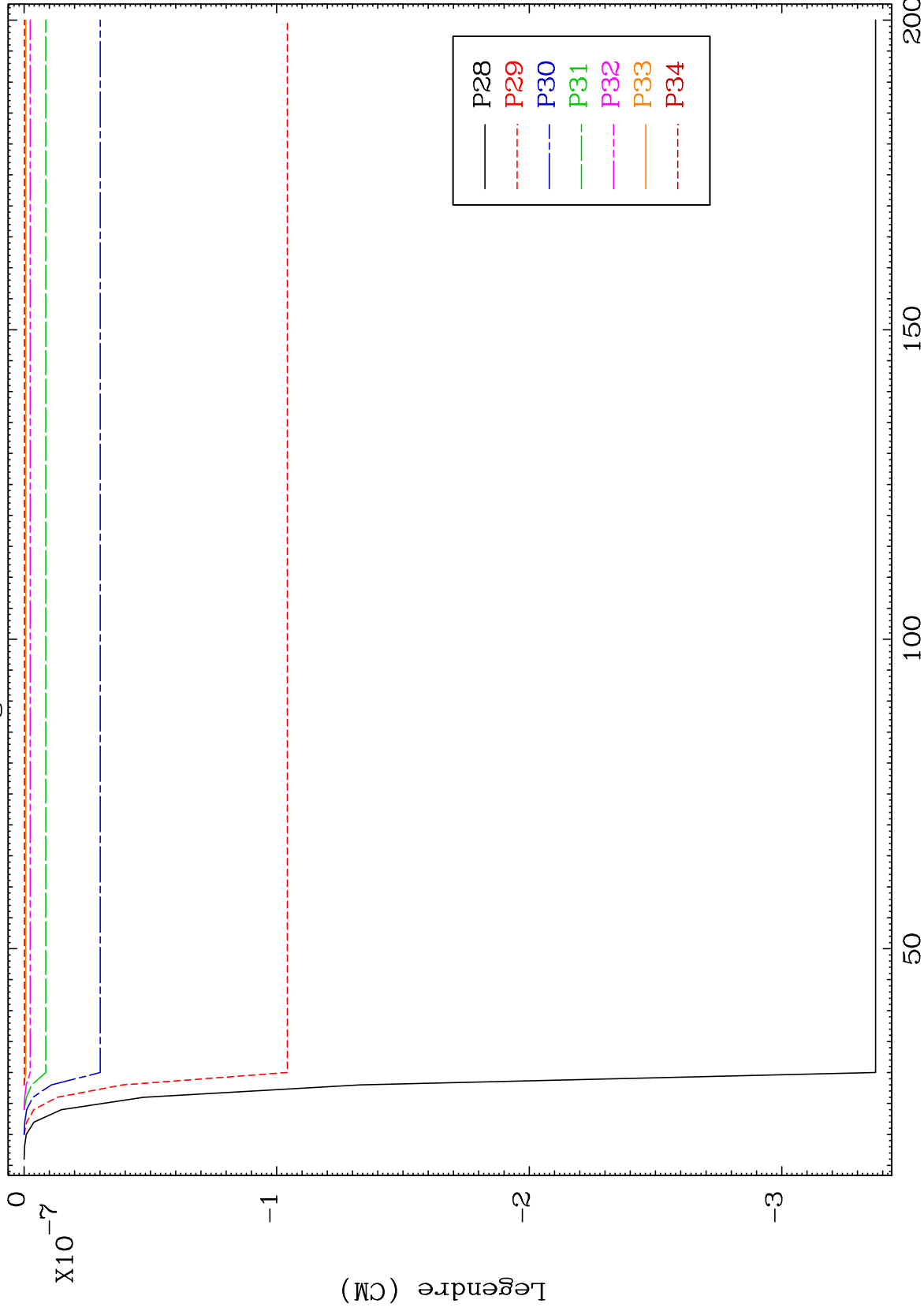
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



54

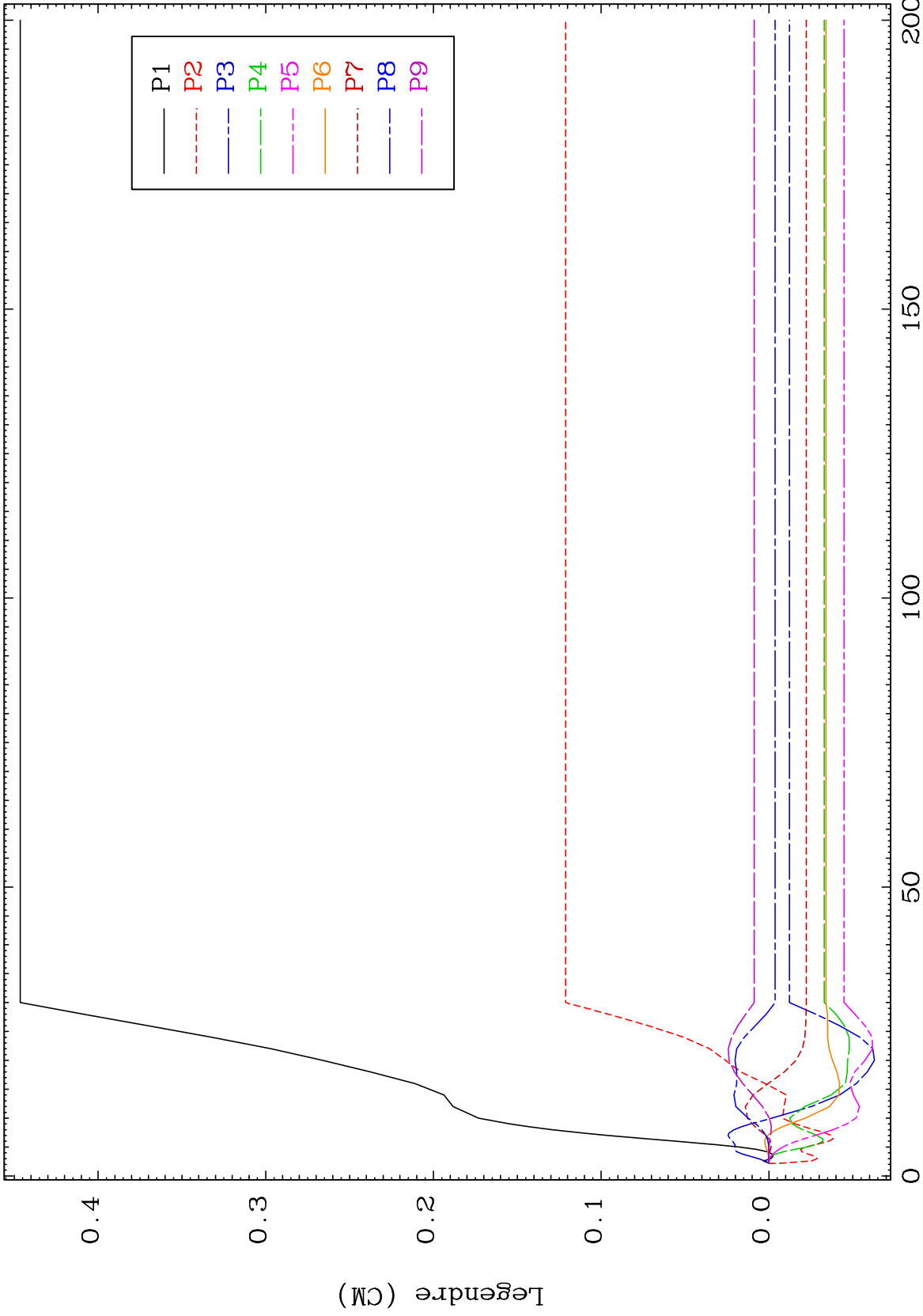
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76

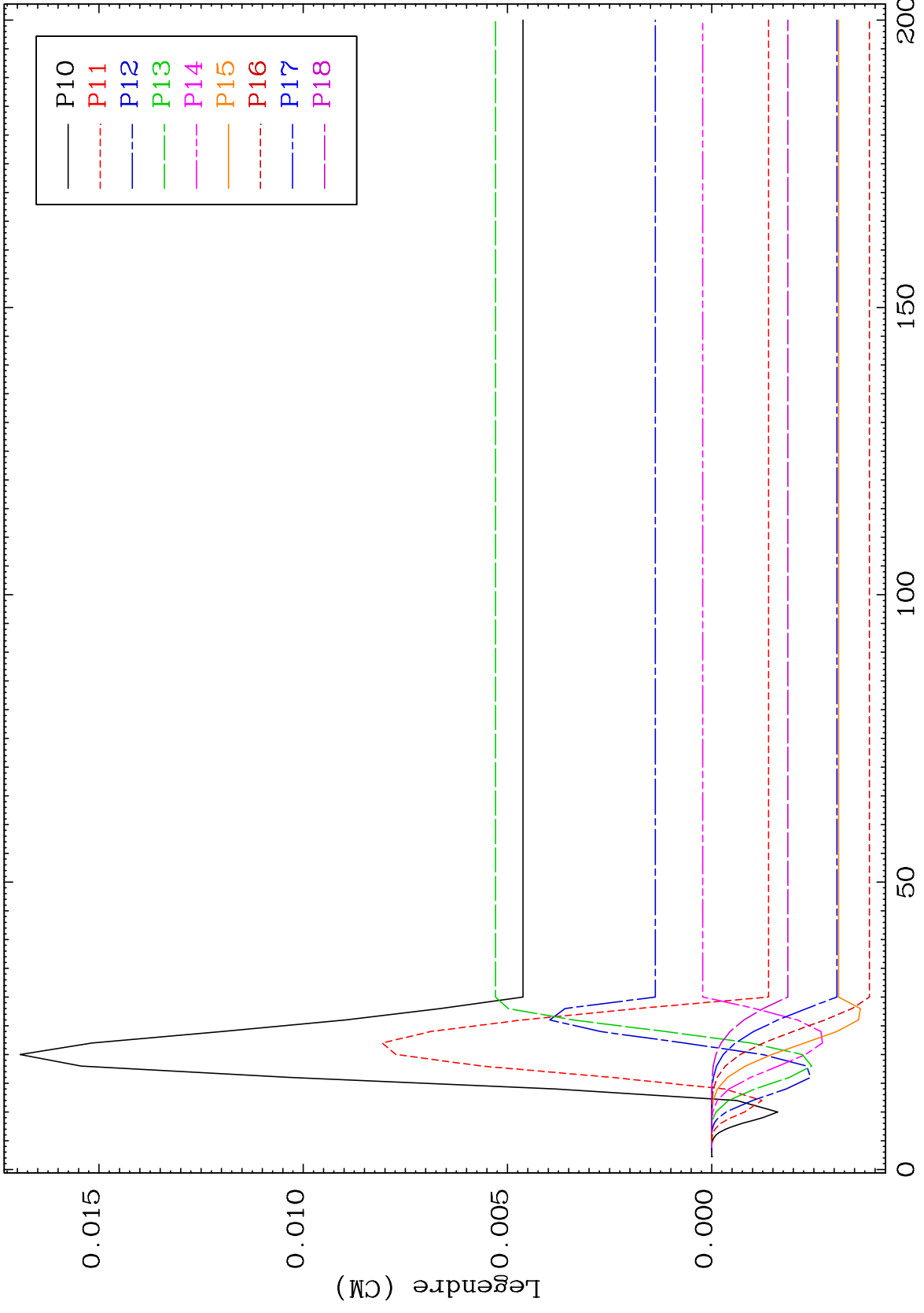


55

Incident Energy (MeV)

36-Kr-76

MAT 3619 MT= 61 (n,n') Level Legendre Coefficients 36-Kr-76

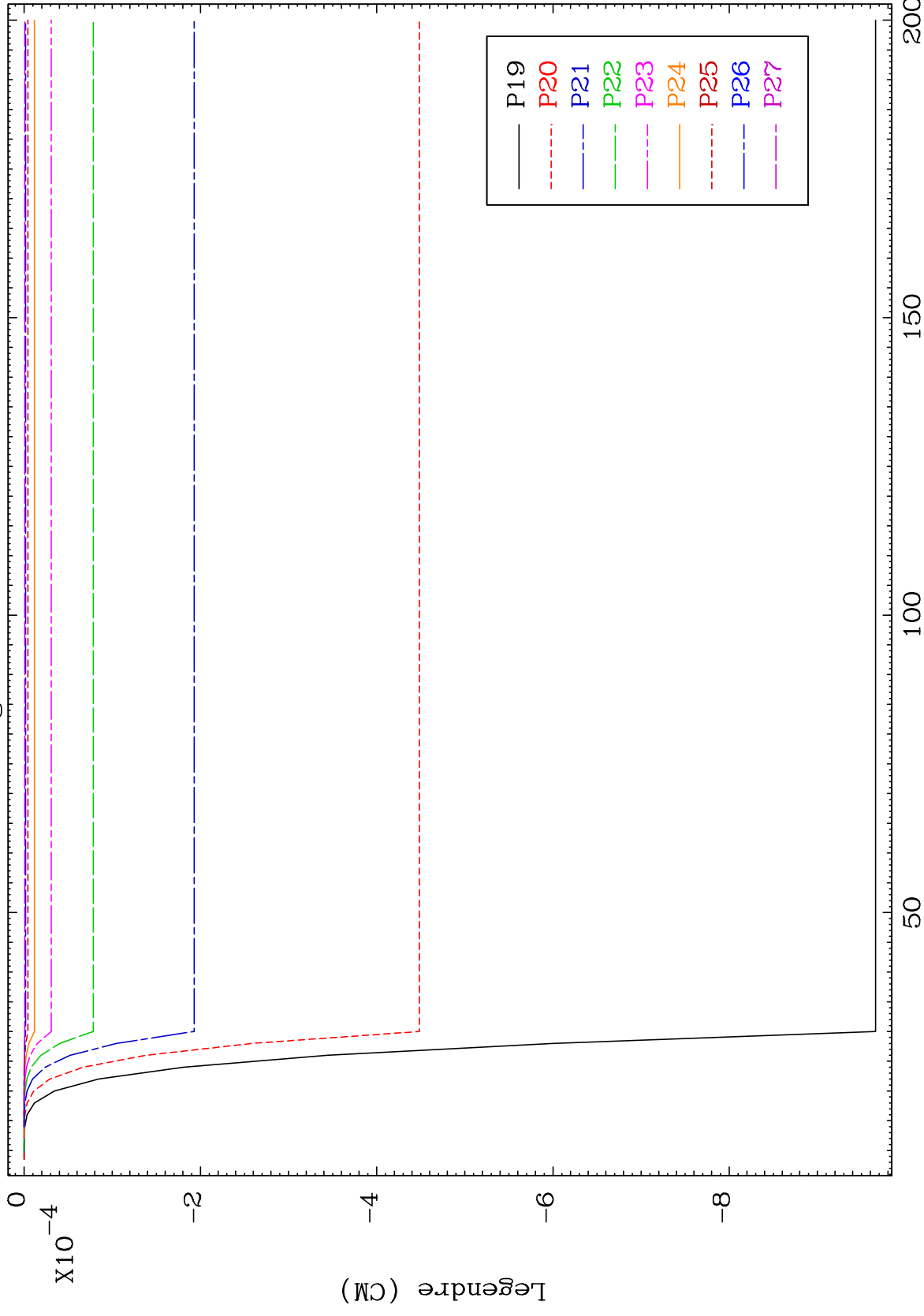


56 36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

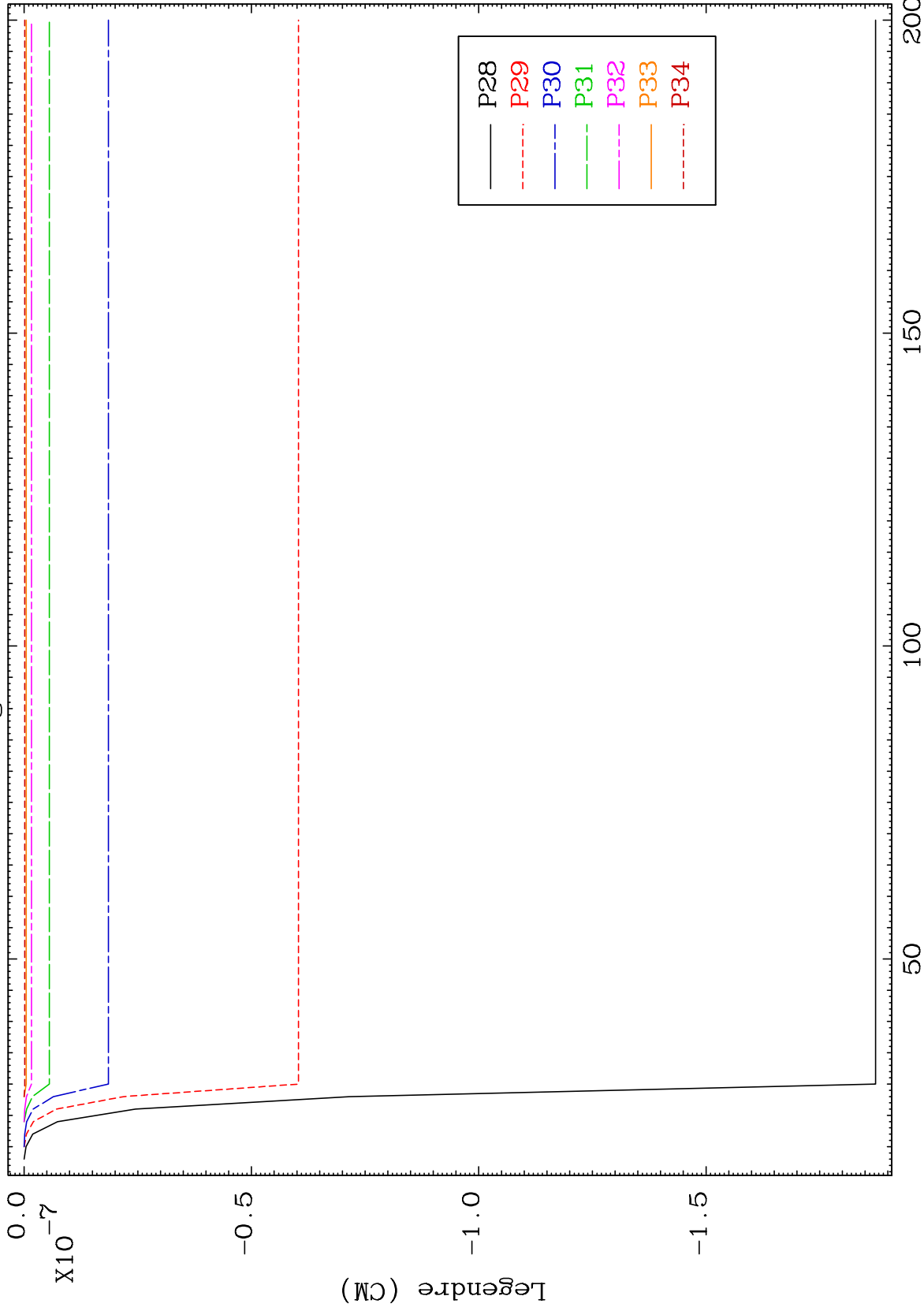
Incident Energy (MeV)

57

MAT 3619

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

36-Kr-76



58

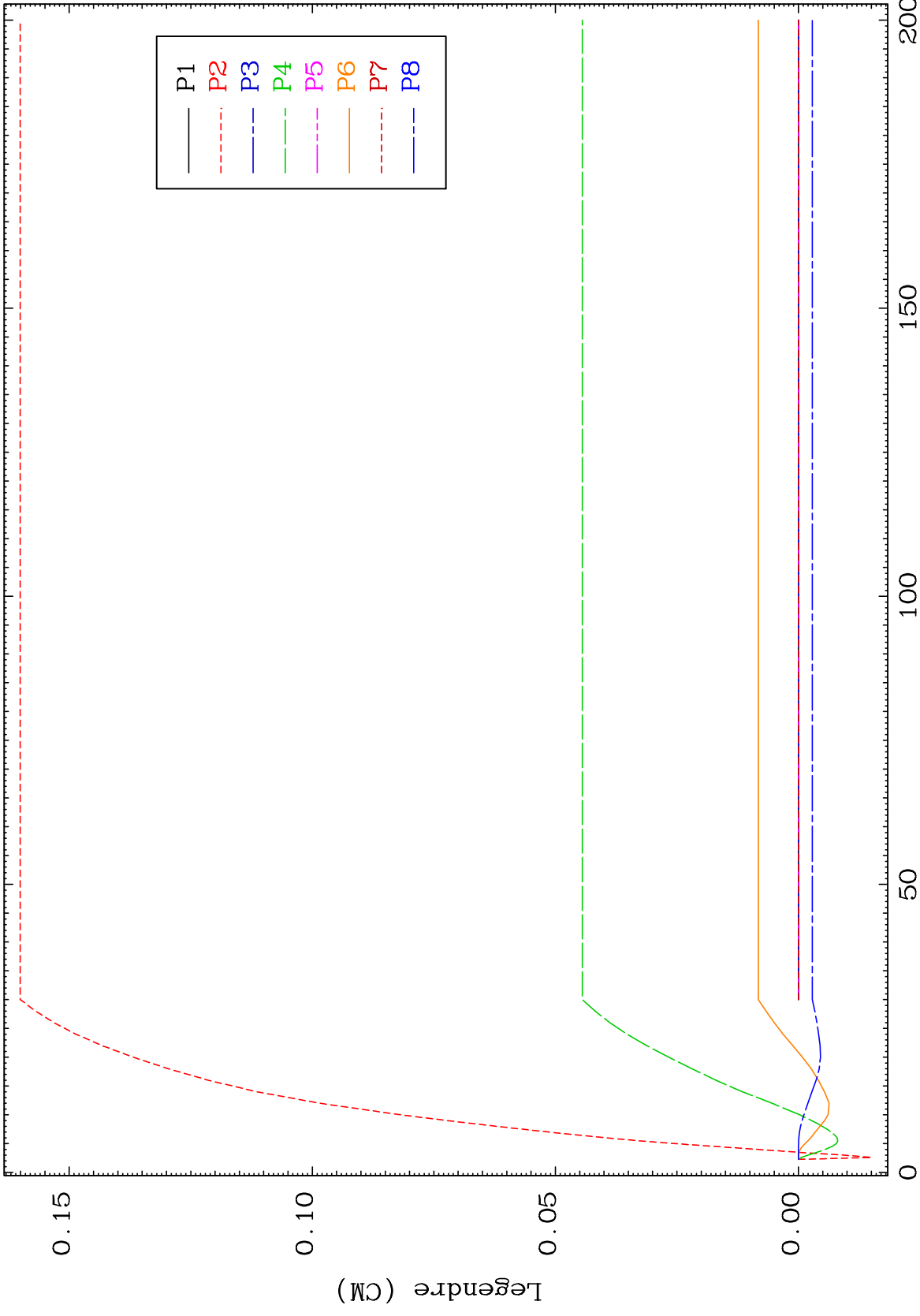
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



59

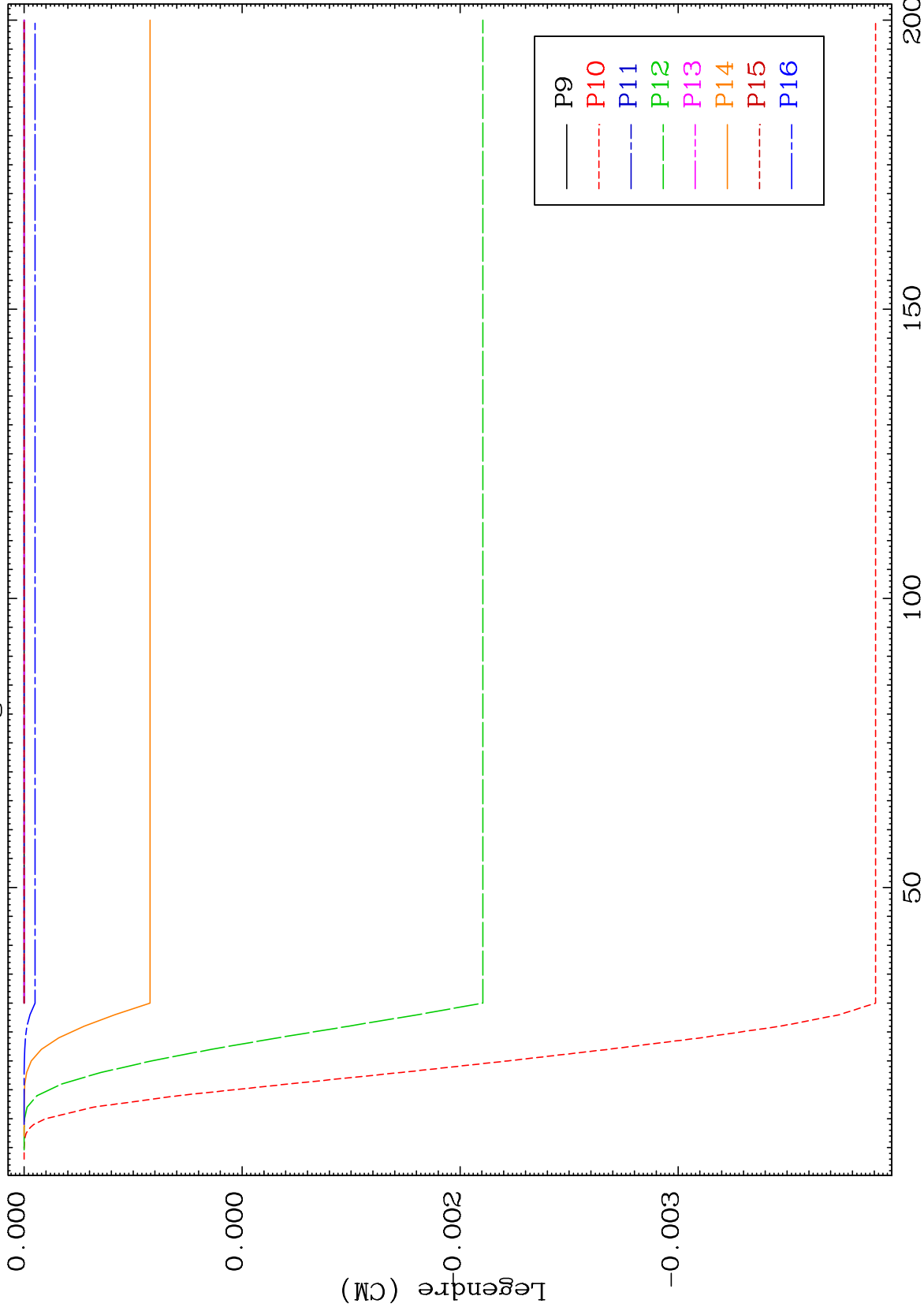
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



60

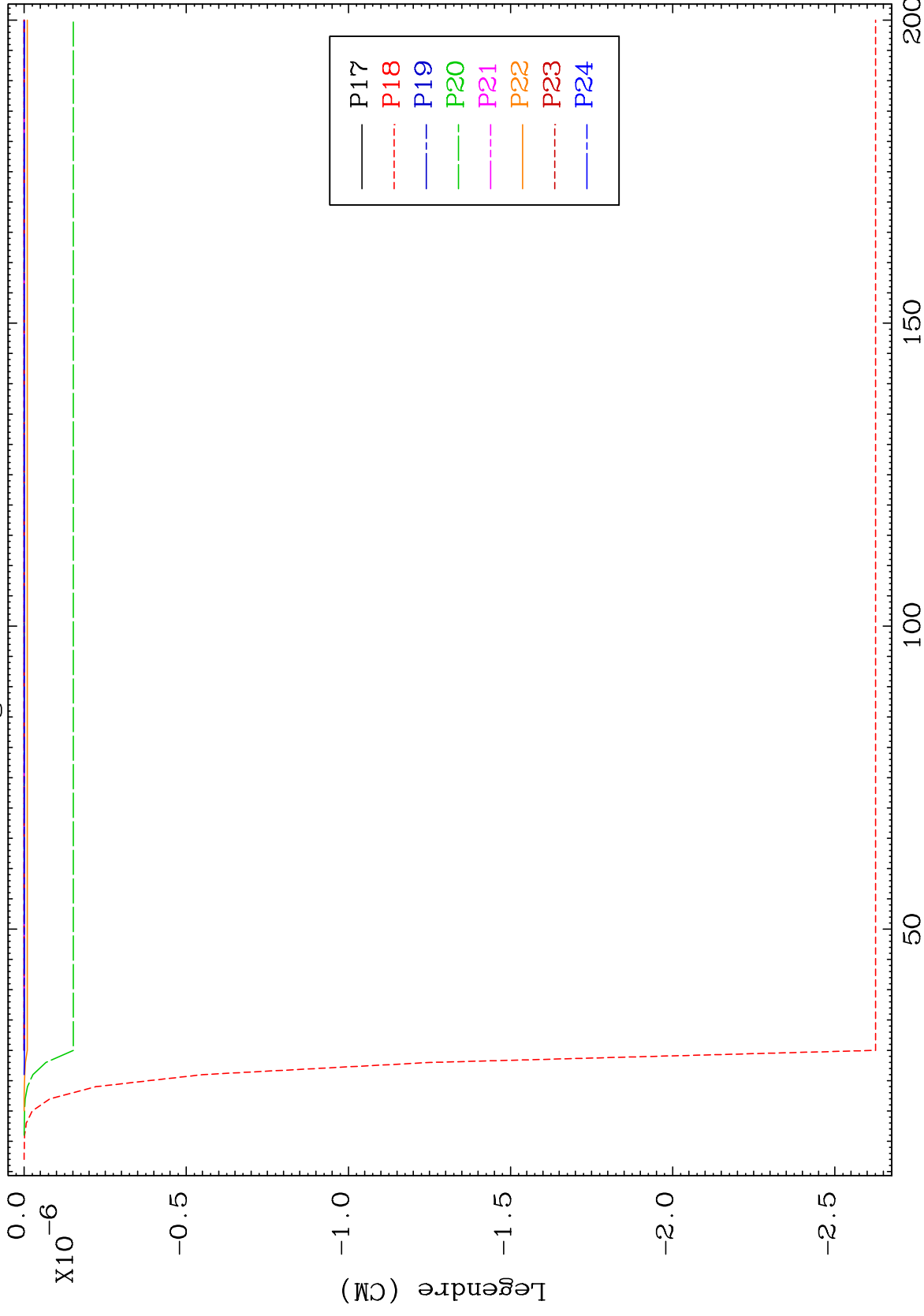
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

Incident Energy (MeV)

61

MAT 3619

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

36-Kr-76



62

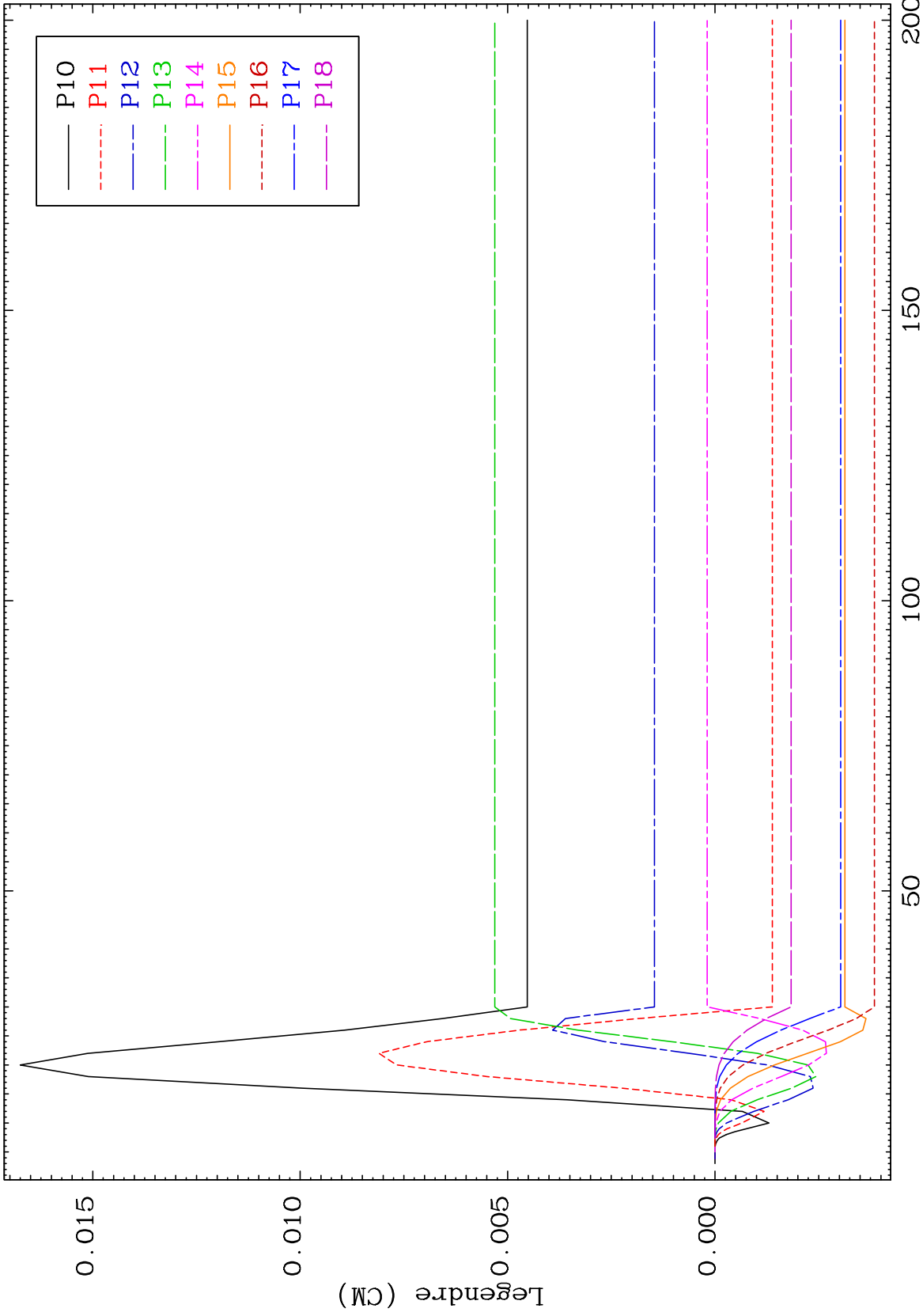
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



63

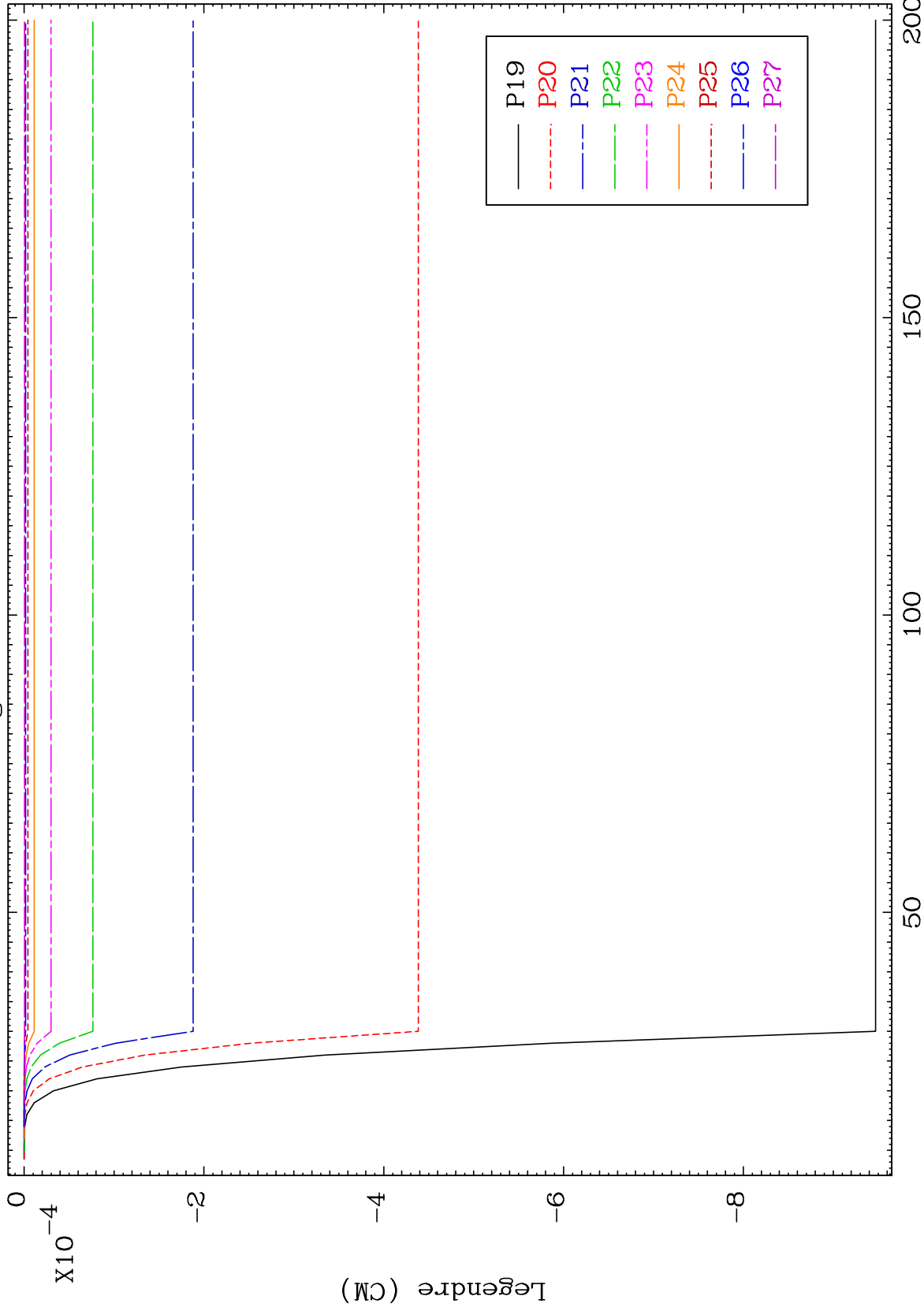
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



64

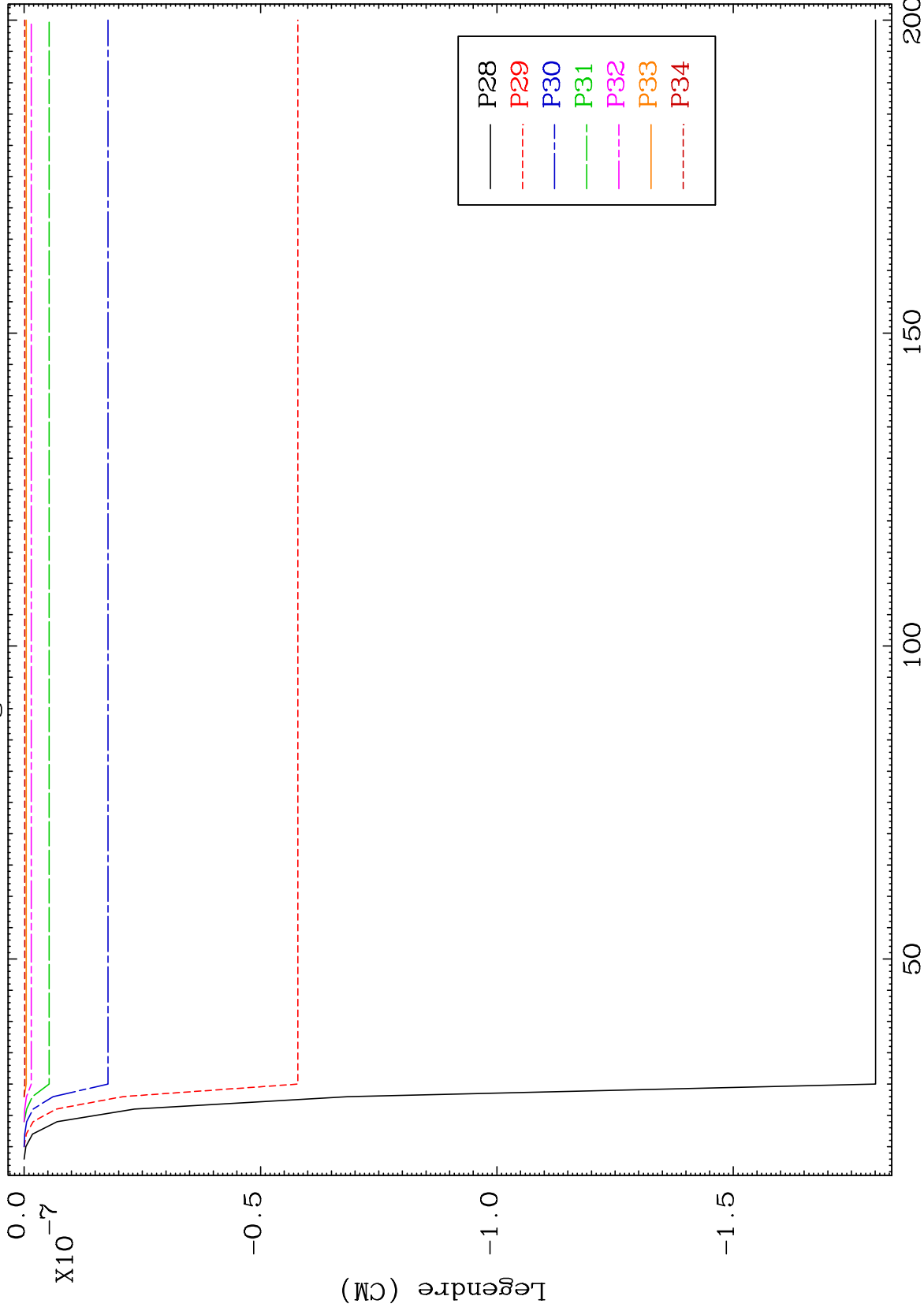
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



65

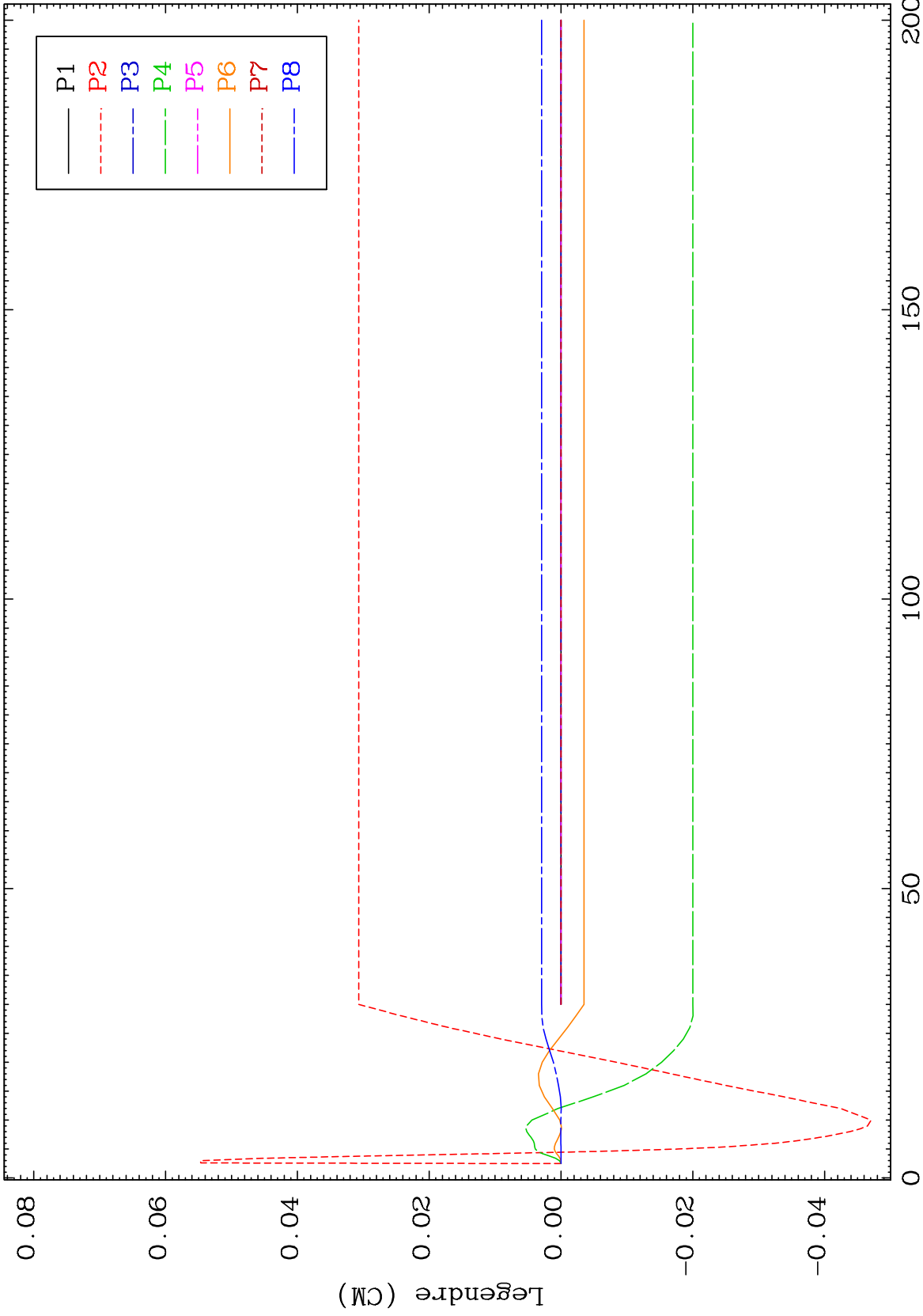
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



66

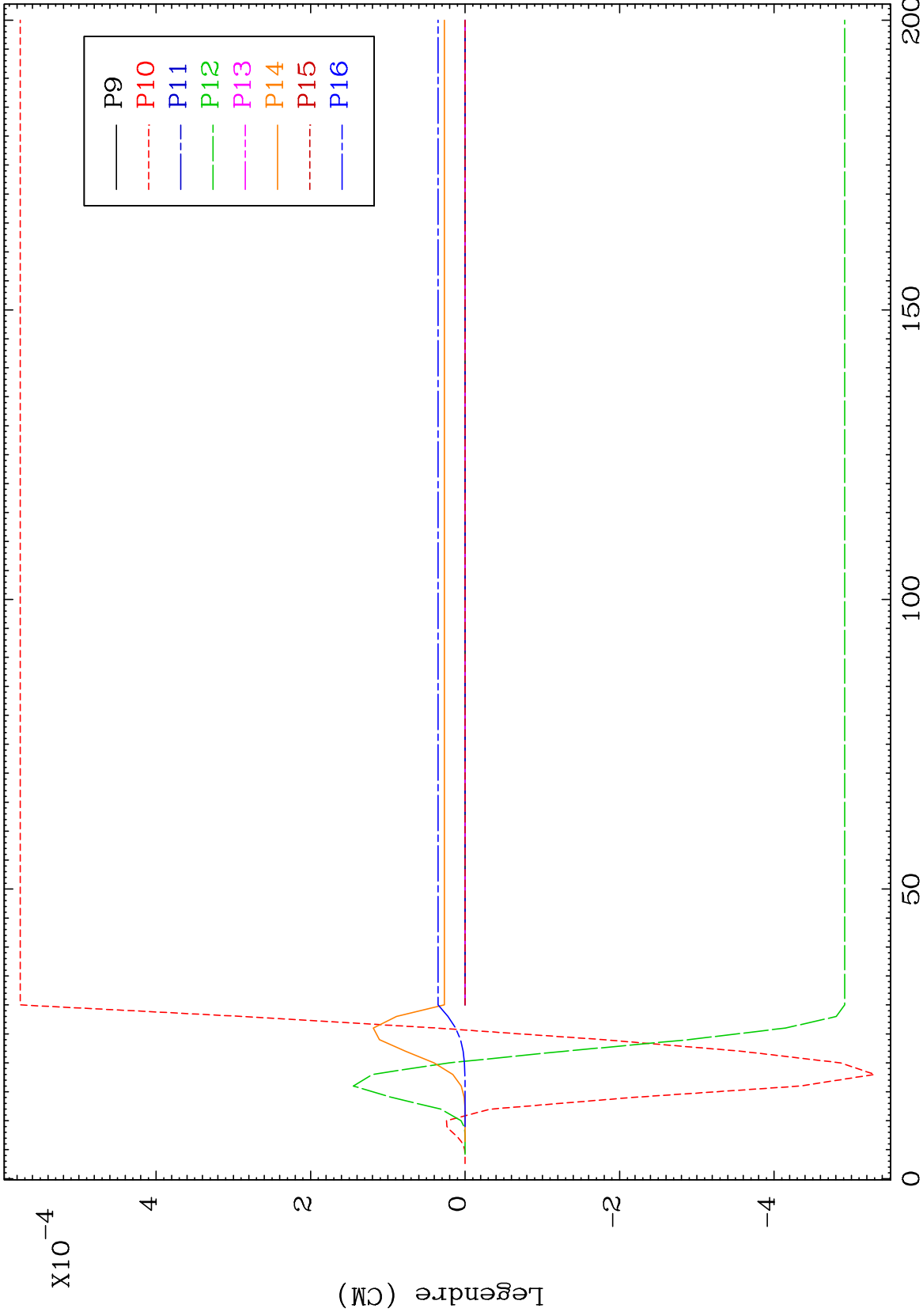
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76

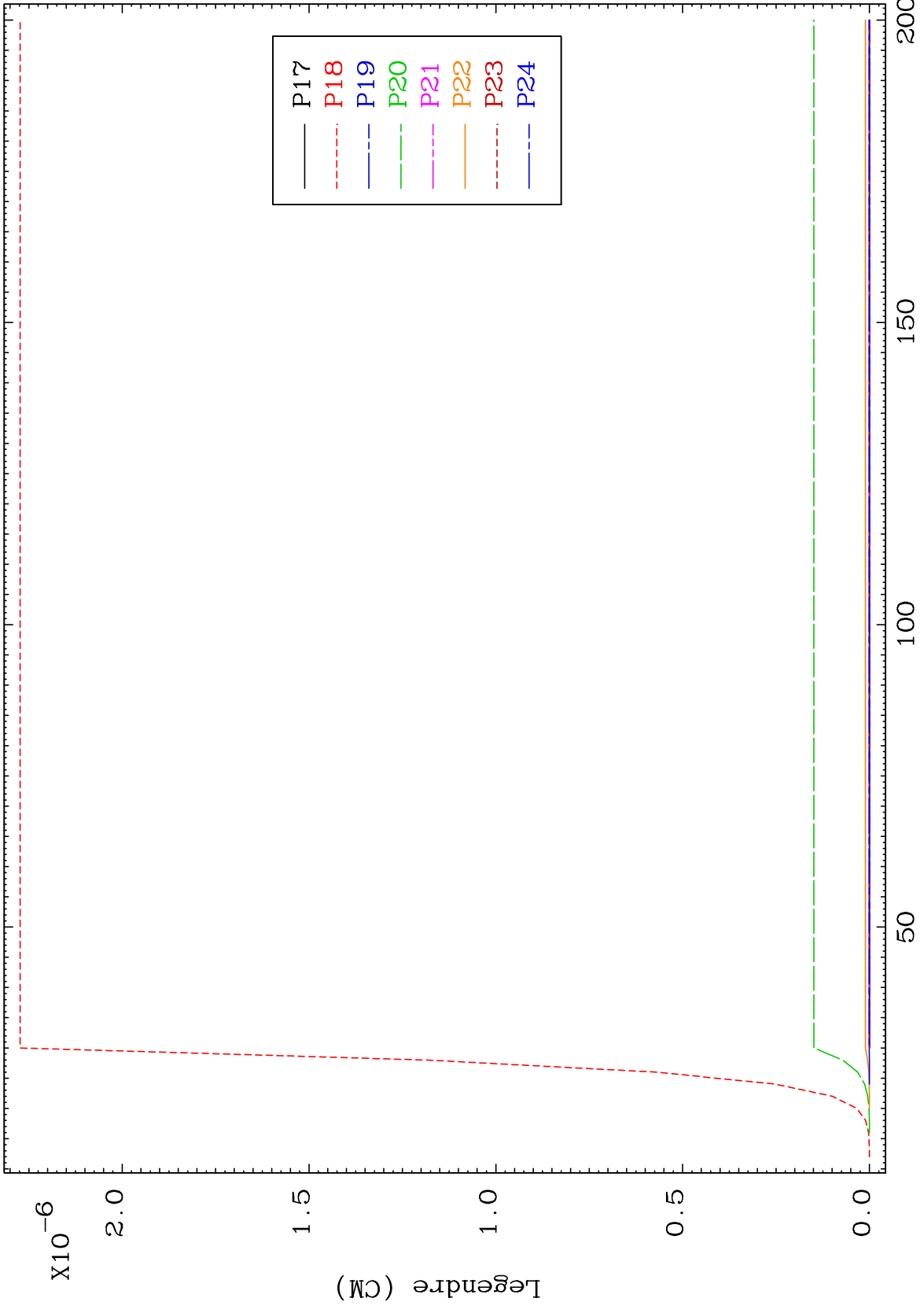


67

Incident Energy (MeV)

36-Kr-76

MAT 3619 MT= 64 (n,n') Level Legendre Coefficients 36-Kr-76

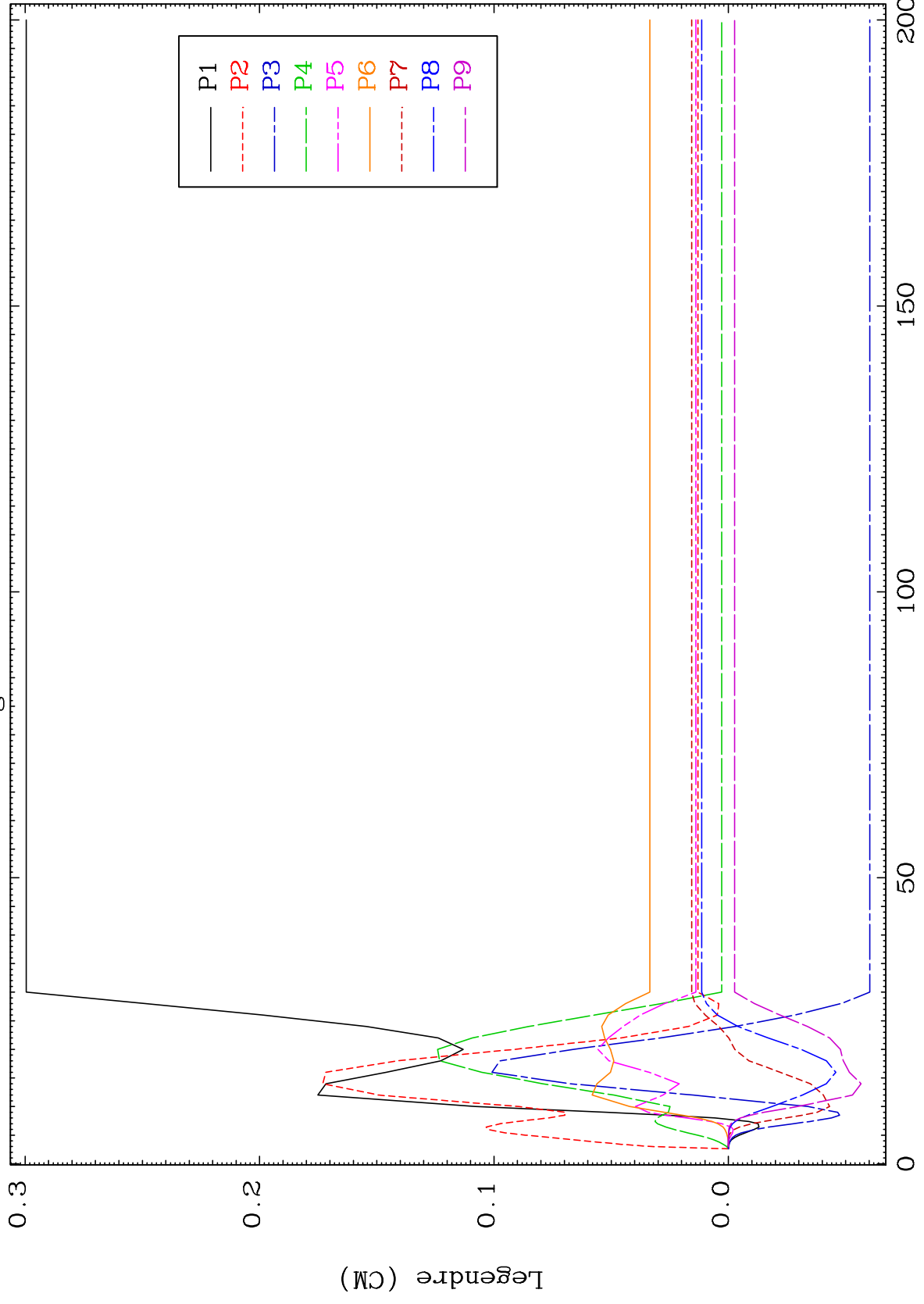


68 36-Kr-76

MAT 3619

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

36-Kr-76



69

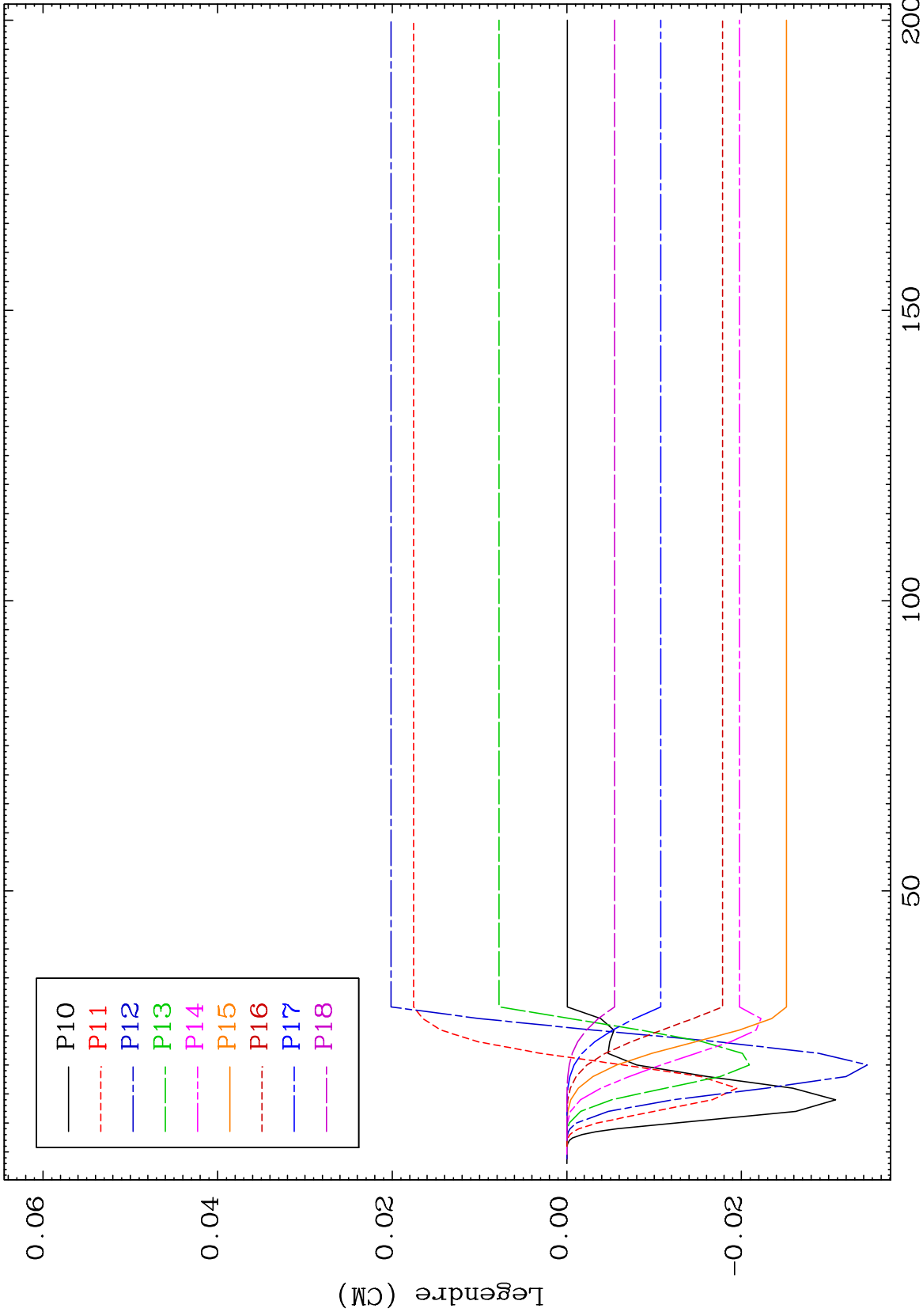
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



70

Incident Energy (MeV)

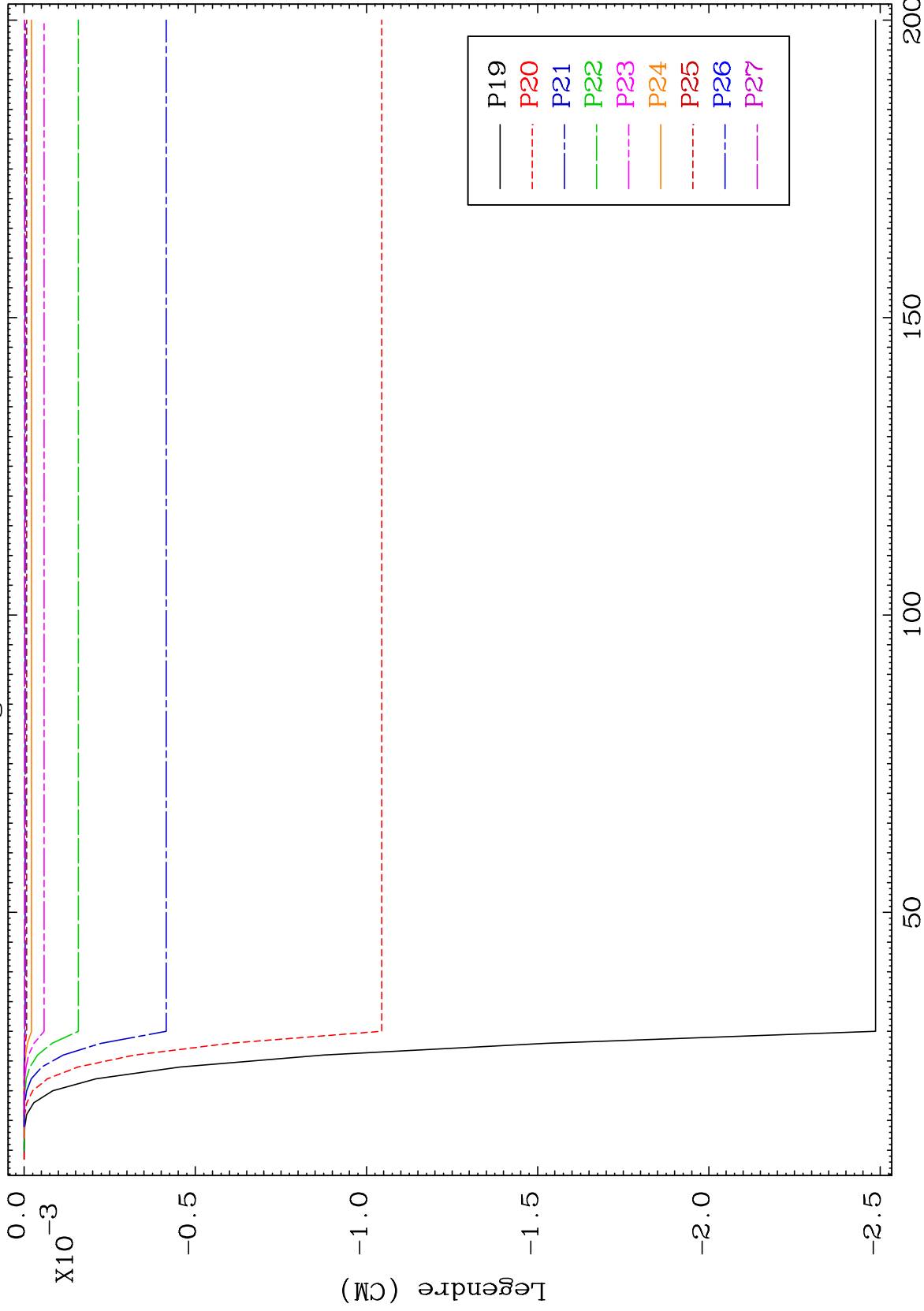
50

100

150

200

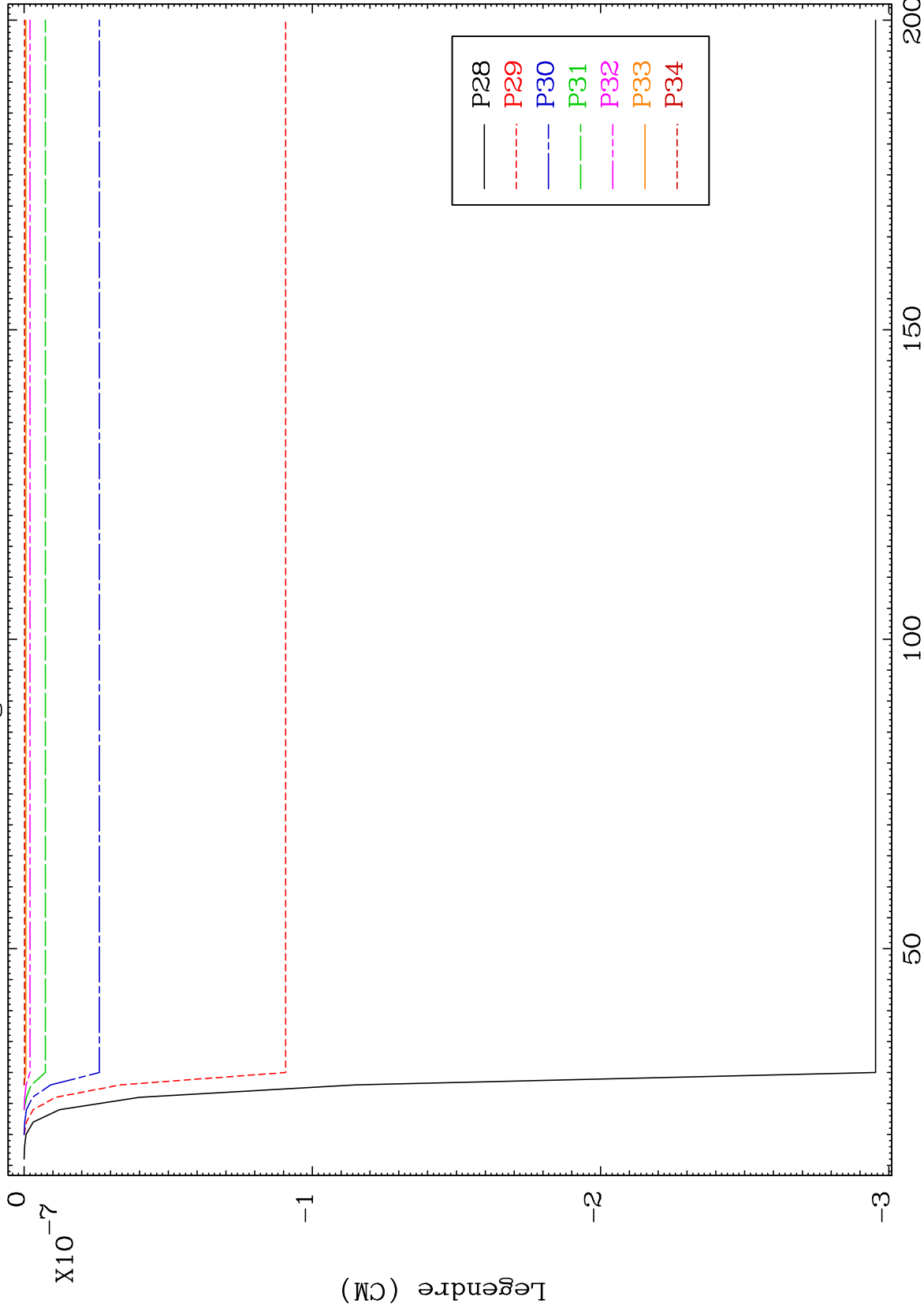
36-Kr-76



MAT 3619

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

36-Kr-76



72

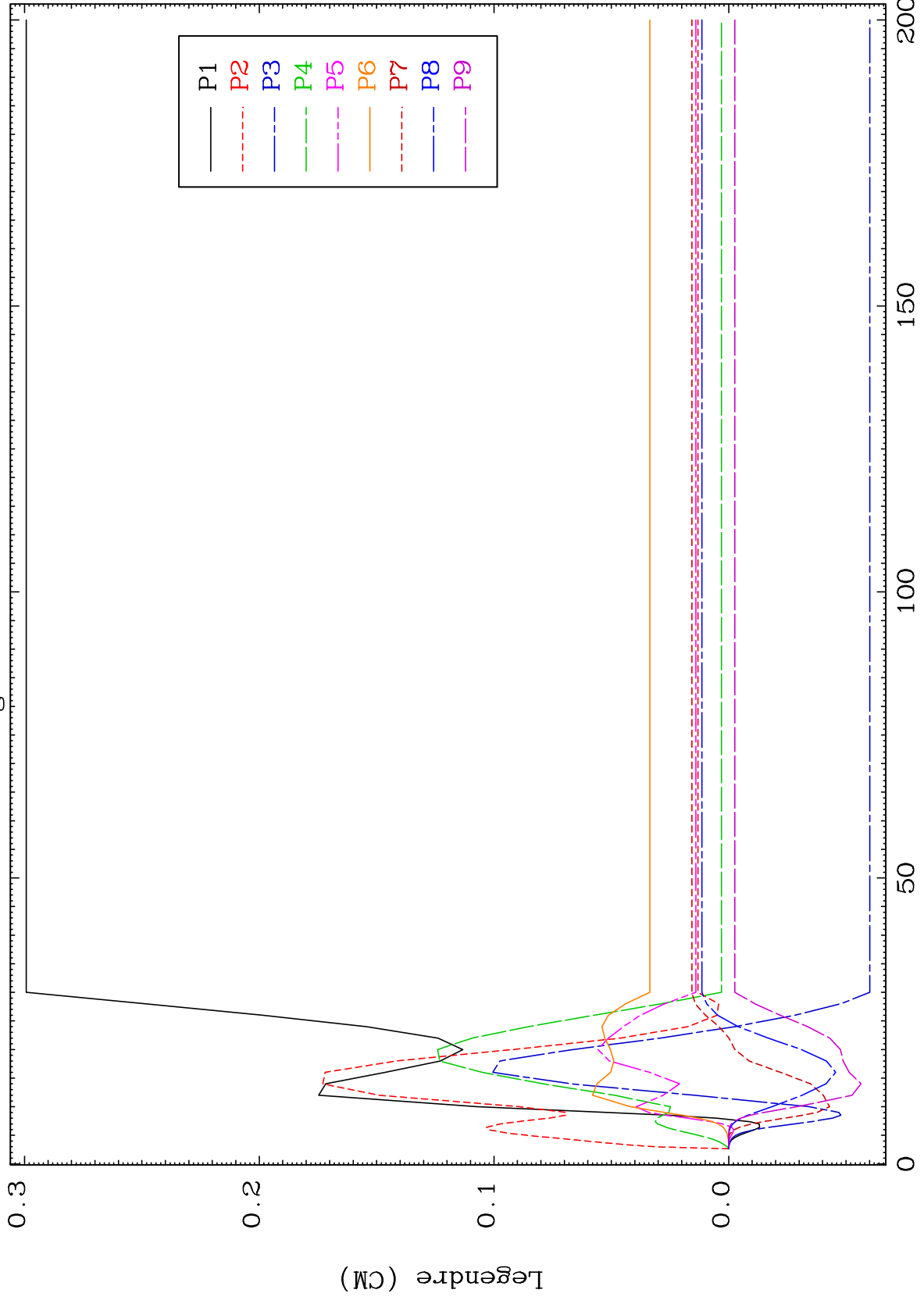
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

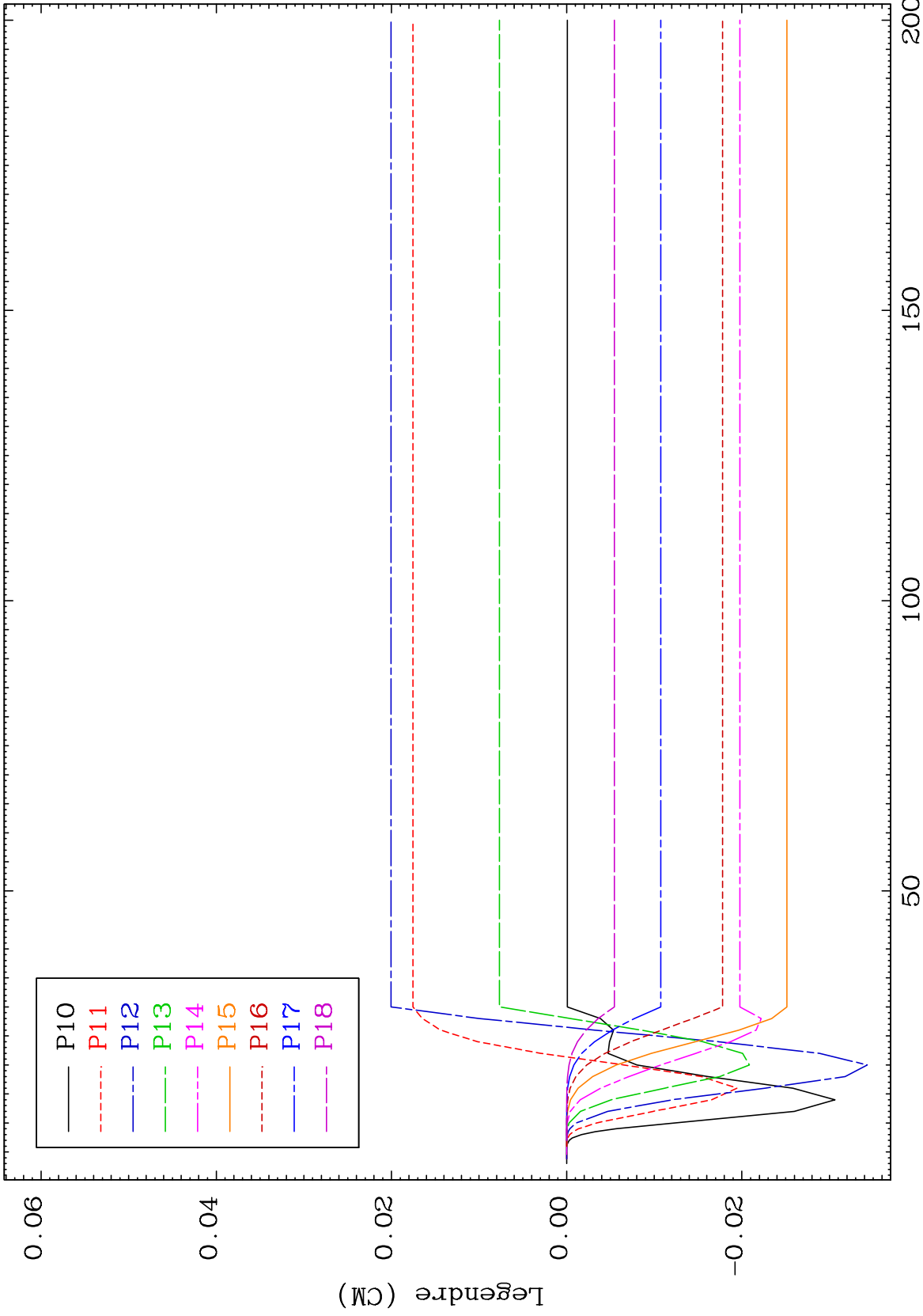
36-Kr-76



73

Incident Energy (MeV)

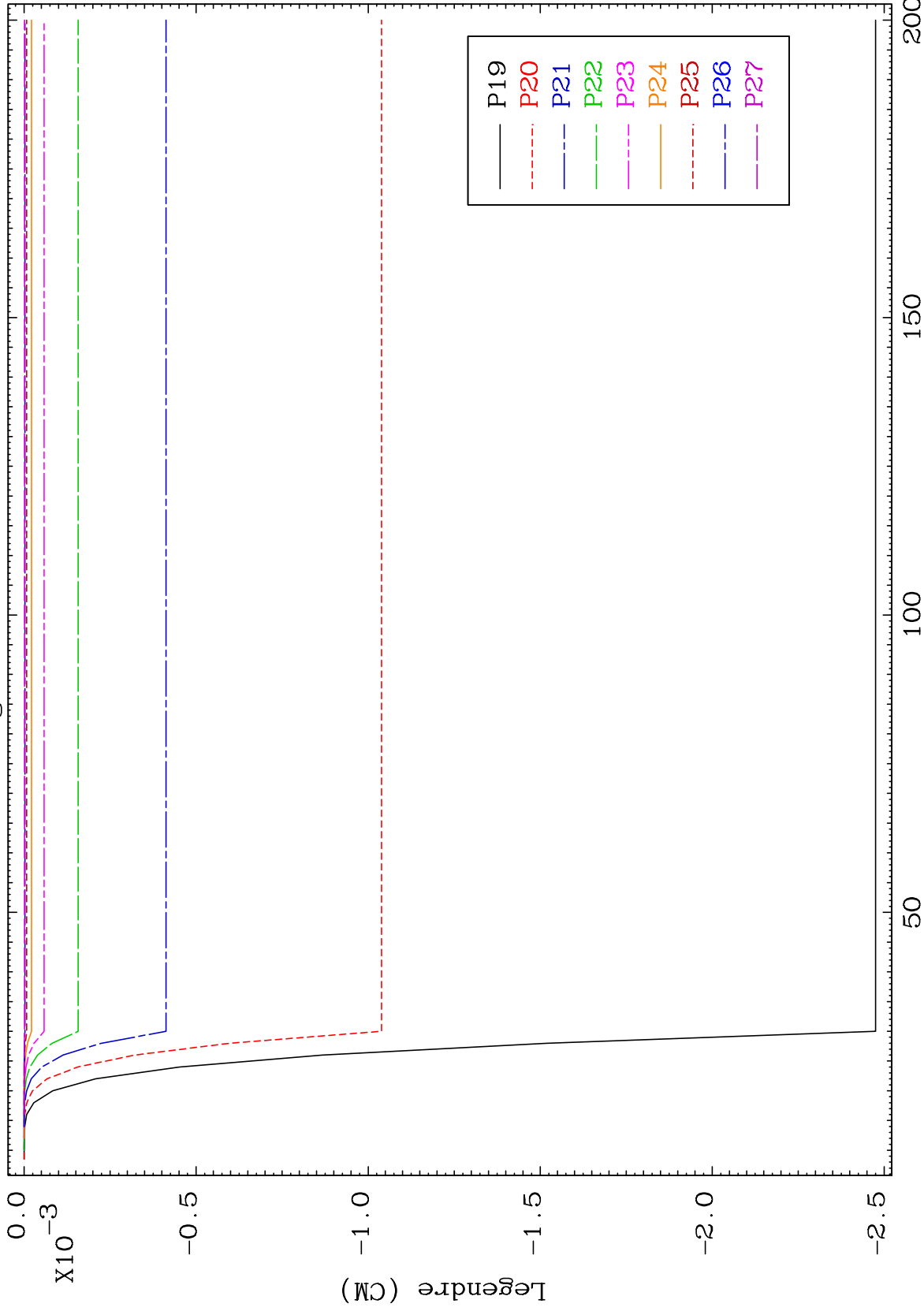
36-Kr-76



MAT 3619

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

36-Kr-76



36-Kr-76

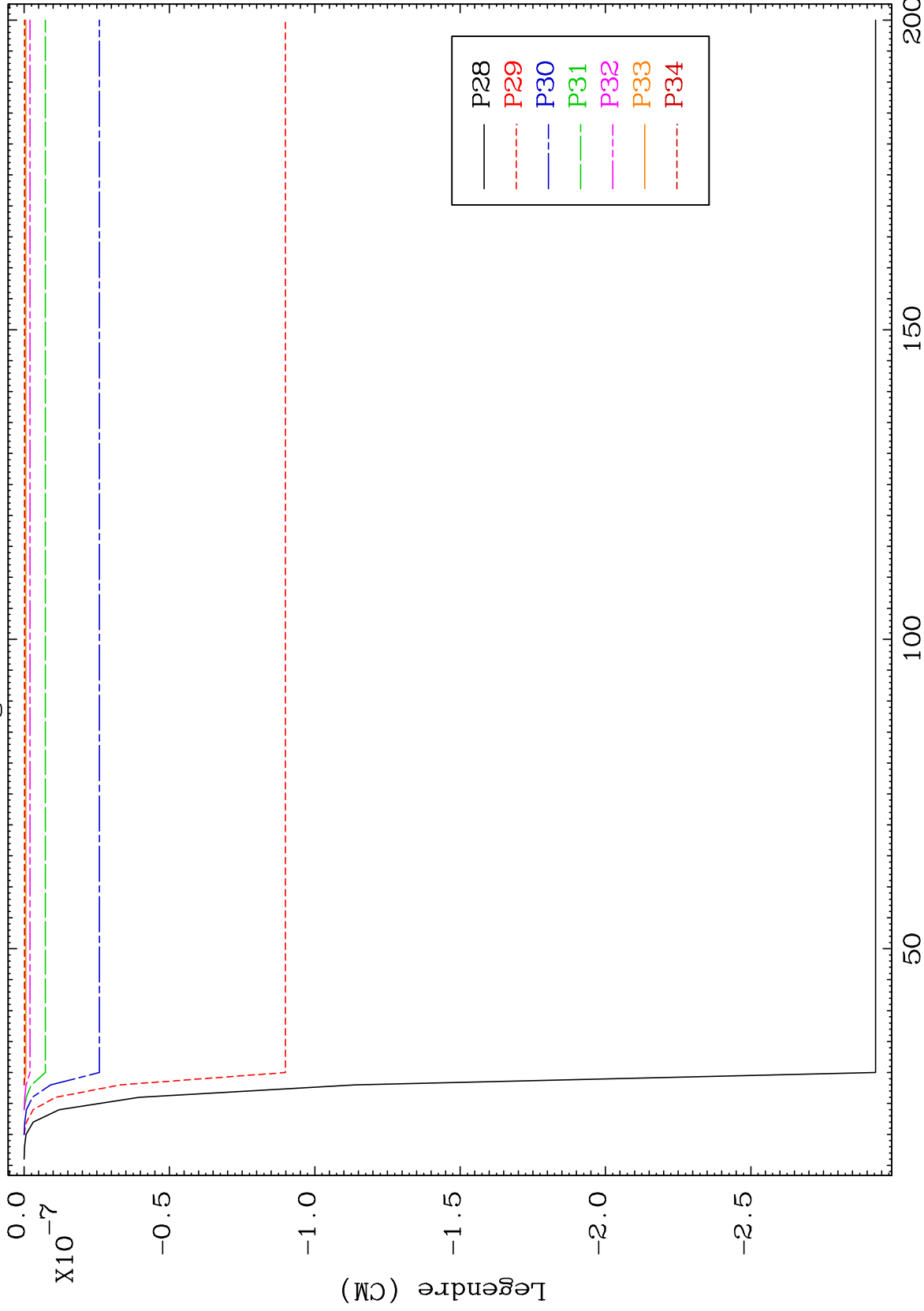
Incident Energy (MeV)

75

MAT 3619

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

36-Kr-76



36-Kr-76

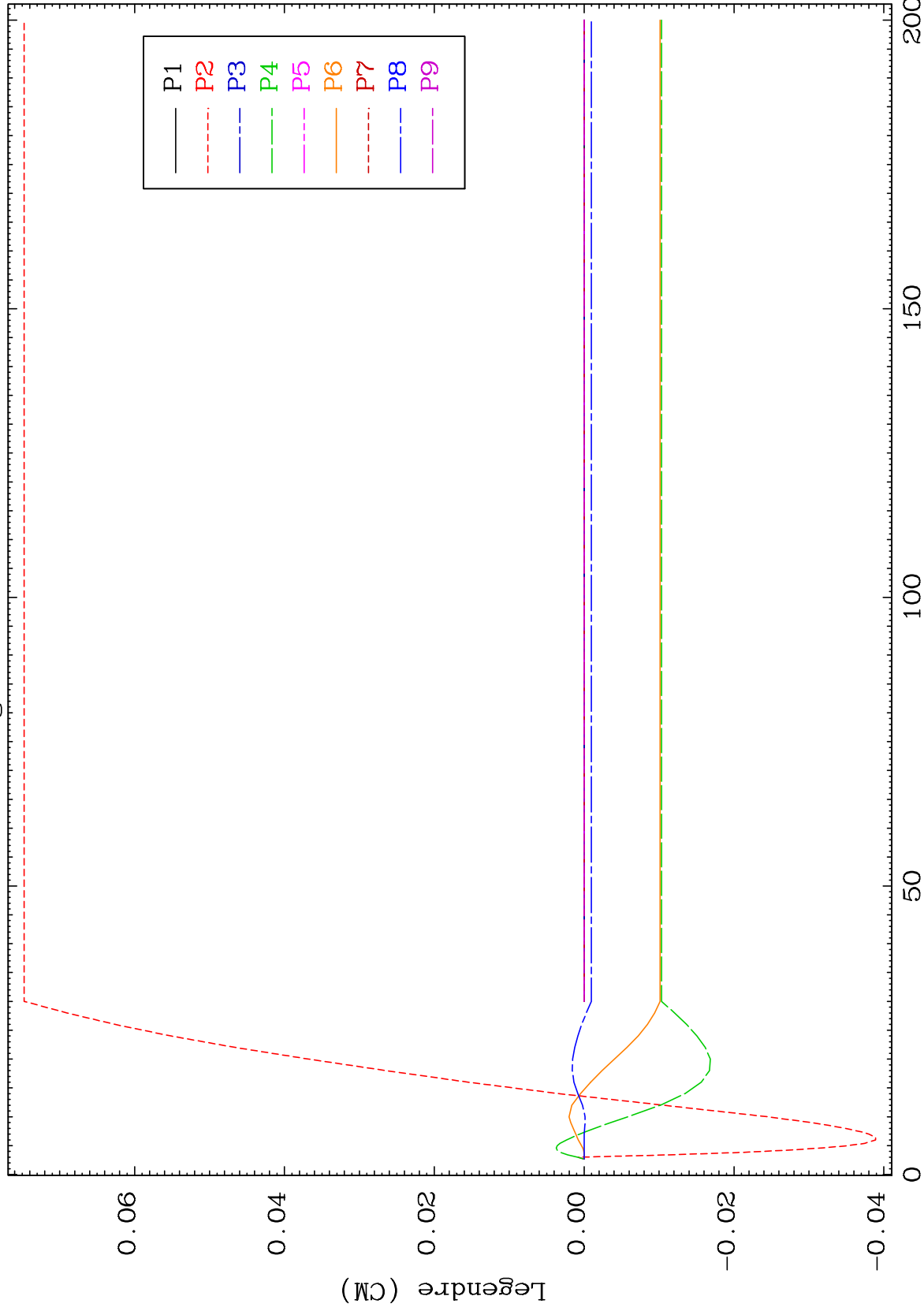
Incident Energy (MeV)

76

MAT 3619

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

36-Kr-76



77

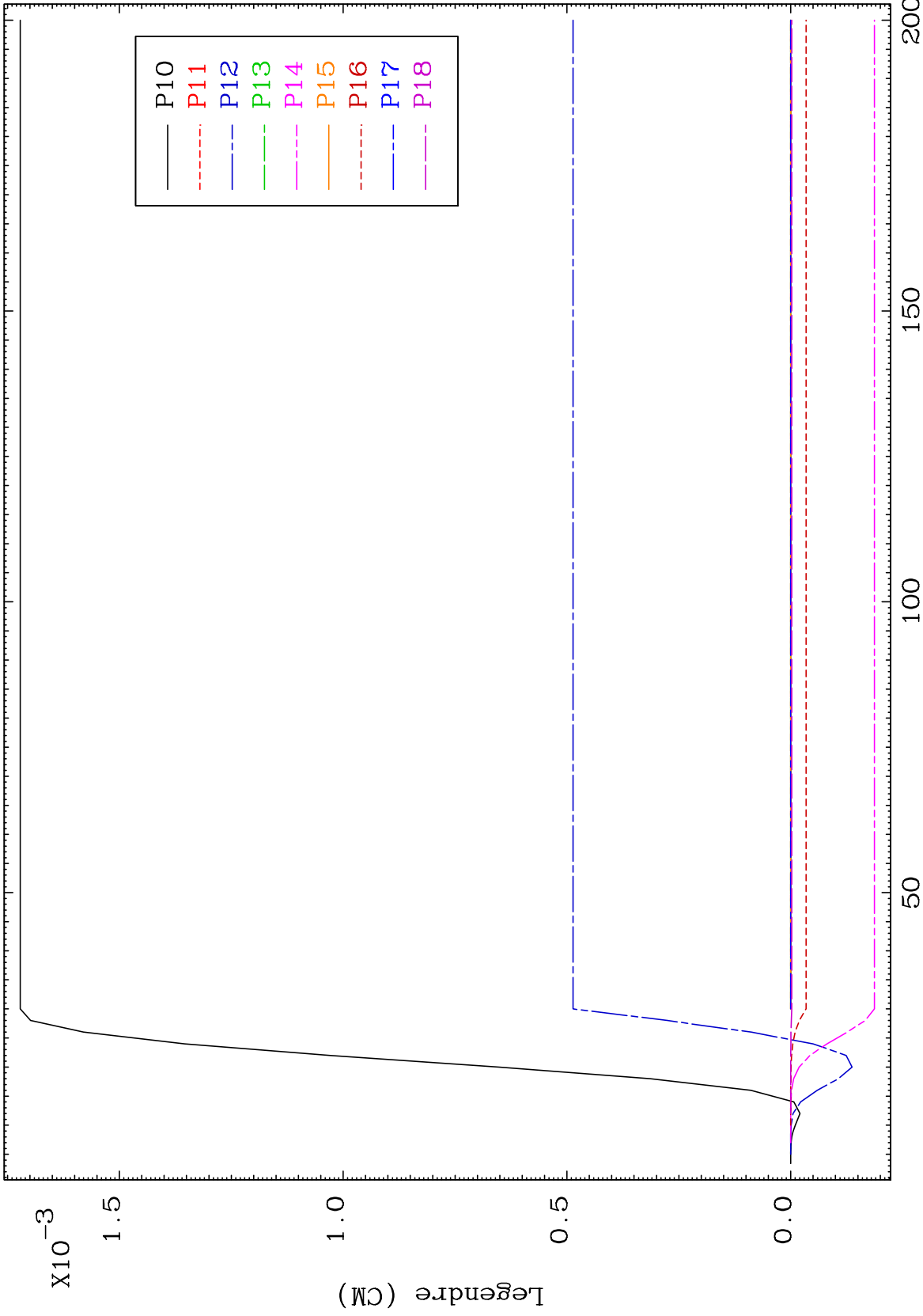
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



78

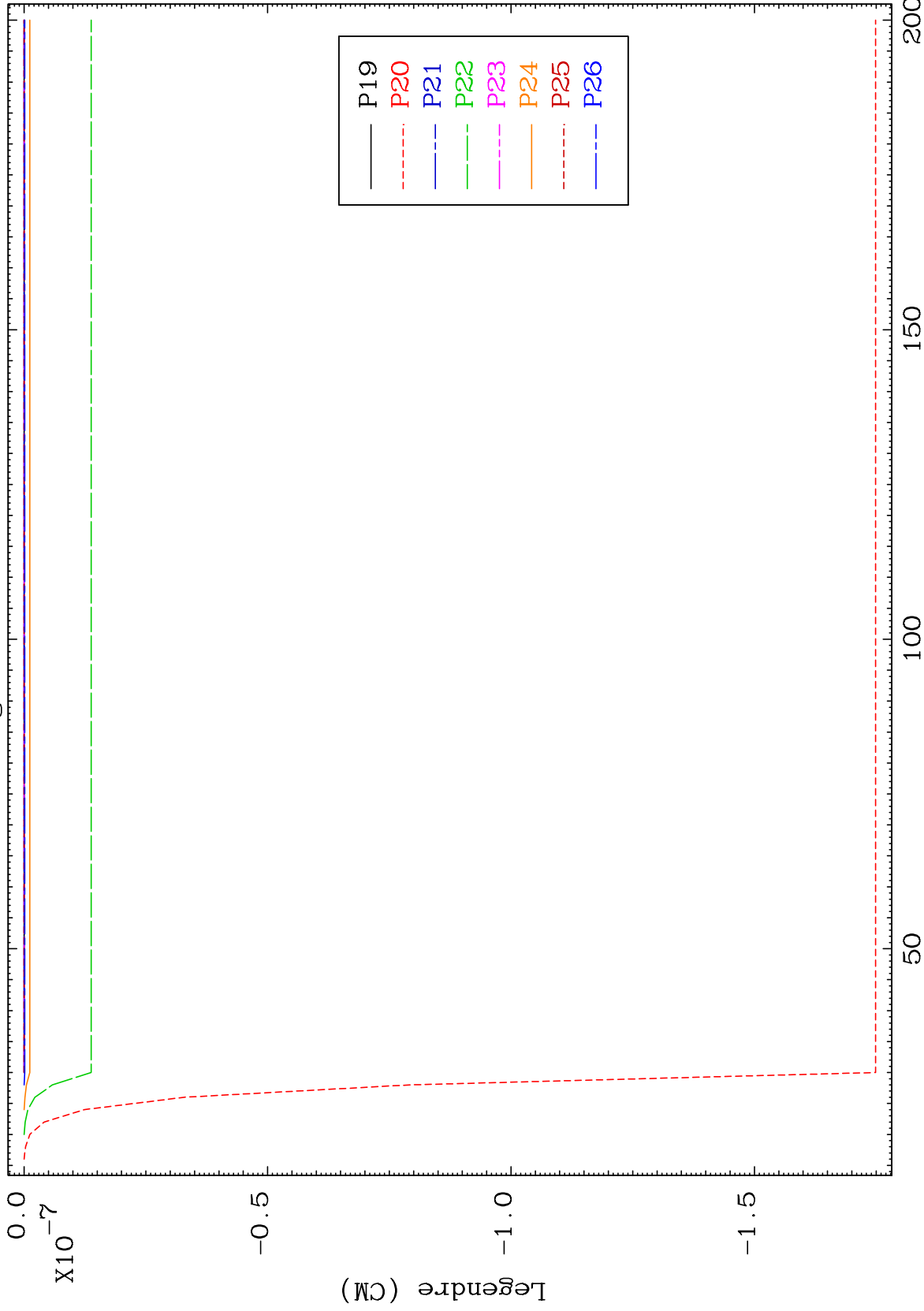
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

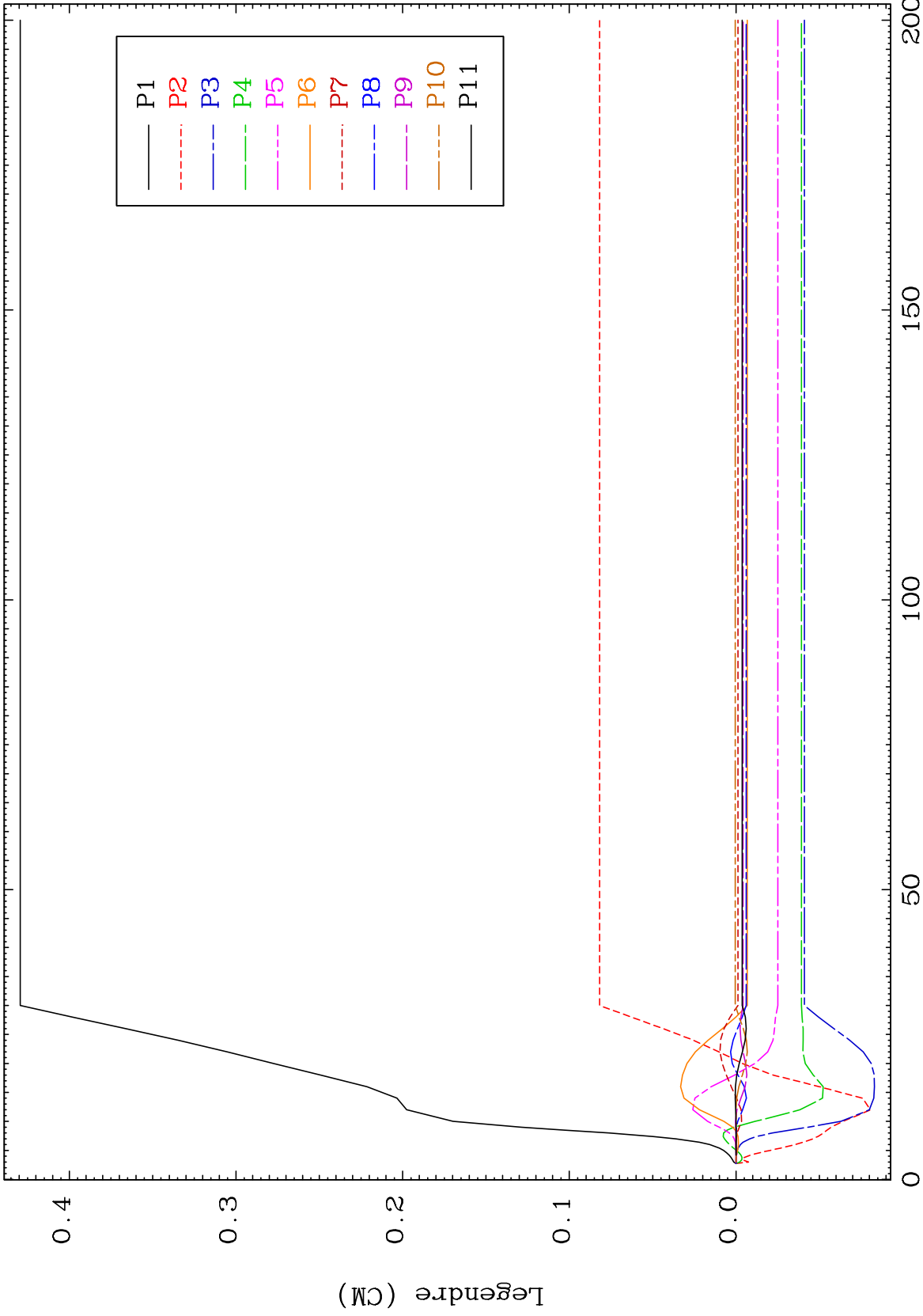
Incident Energy (MeV)

79

MAT 3619

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

36-Kr-76



80

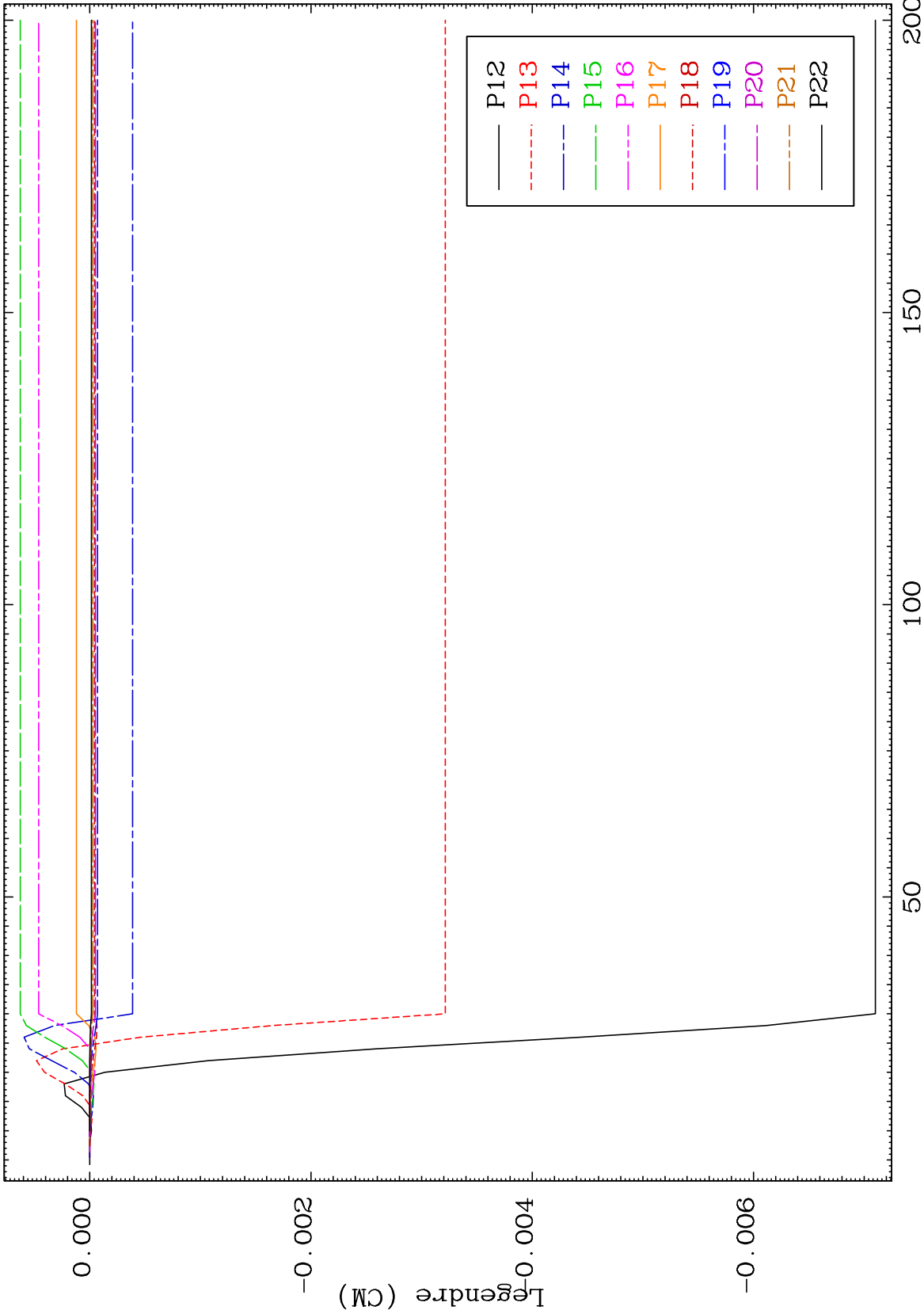
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

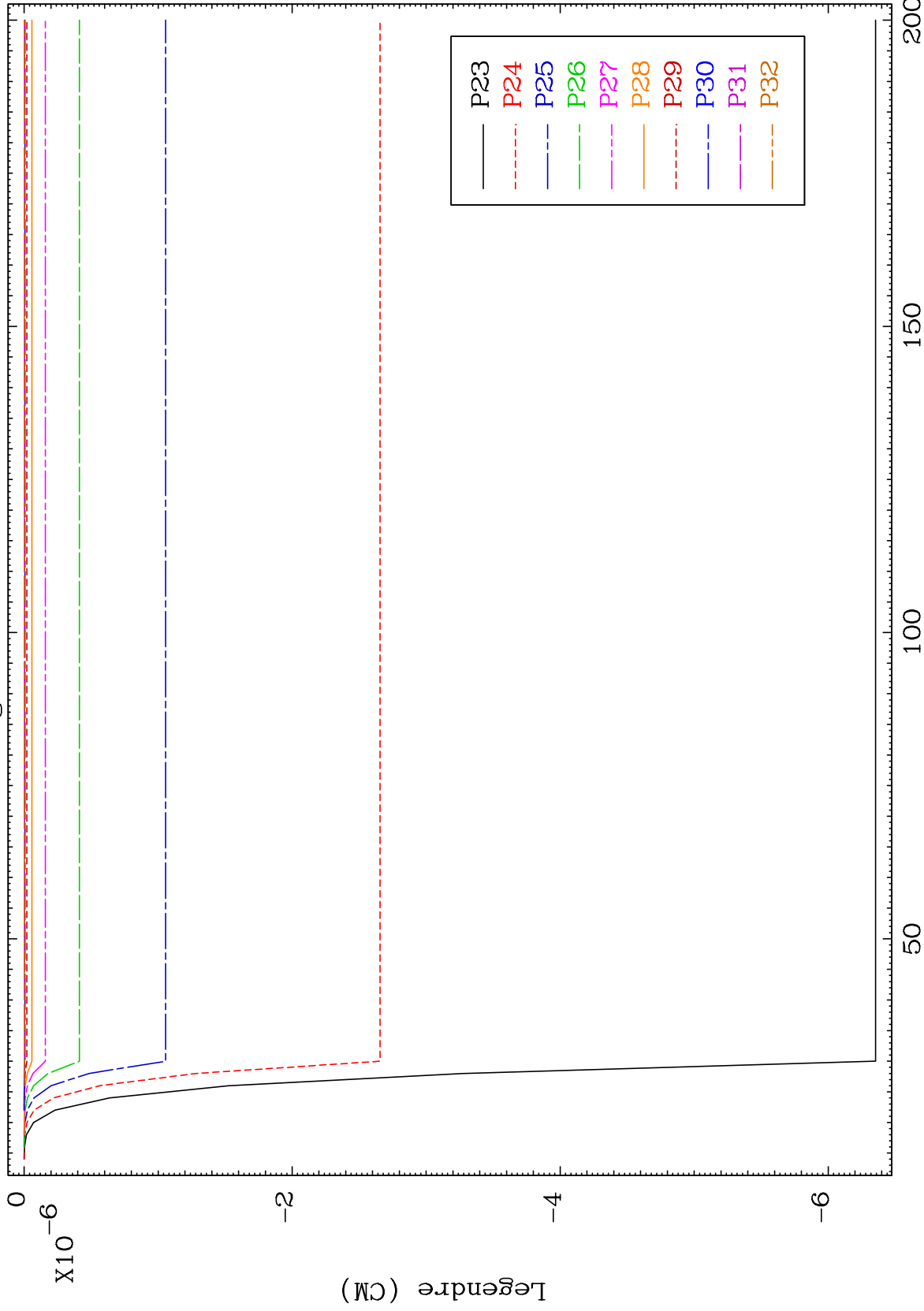
36-Kr-76



MAT 3619

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

36-Kr-76



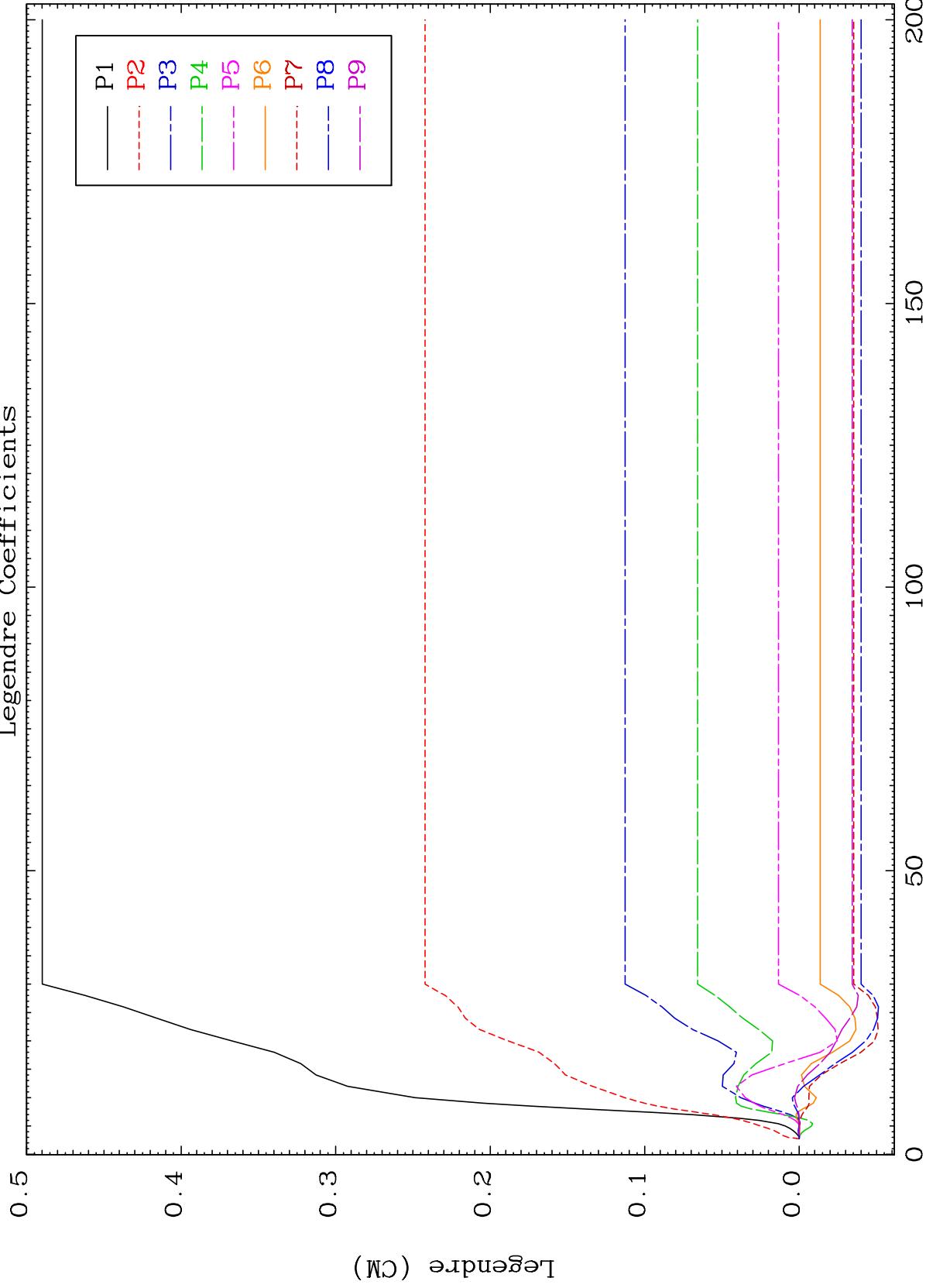
82

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

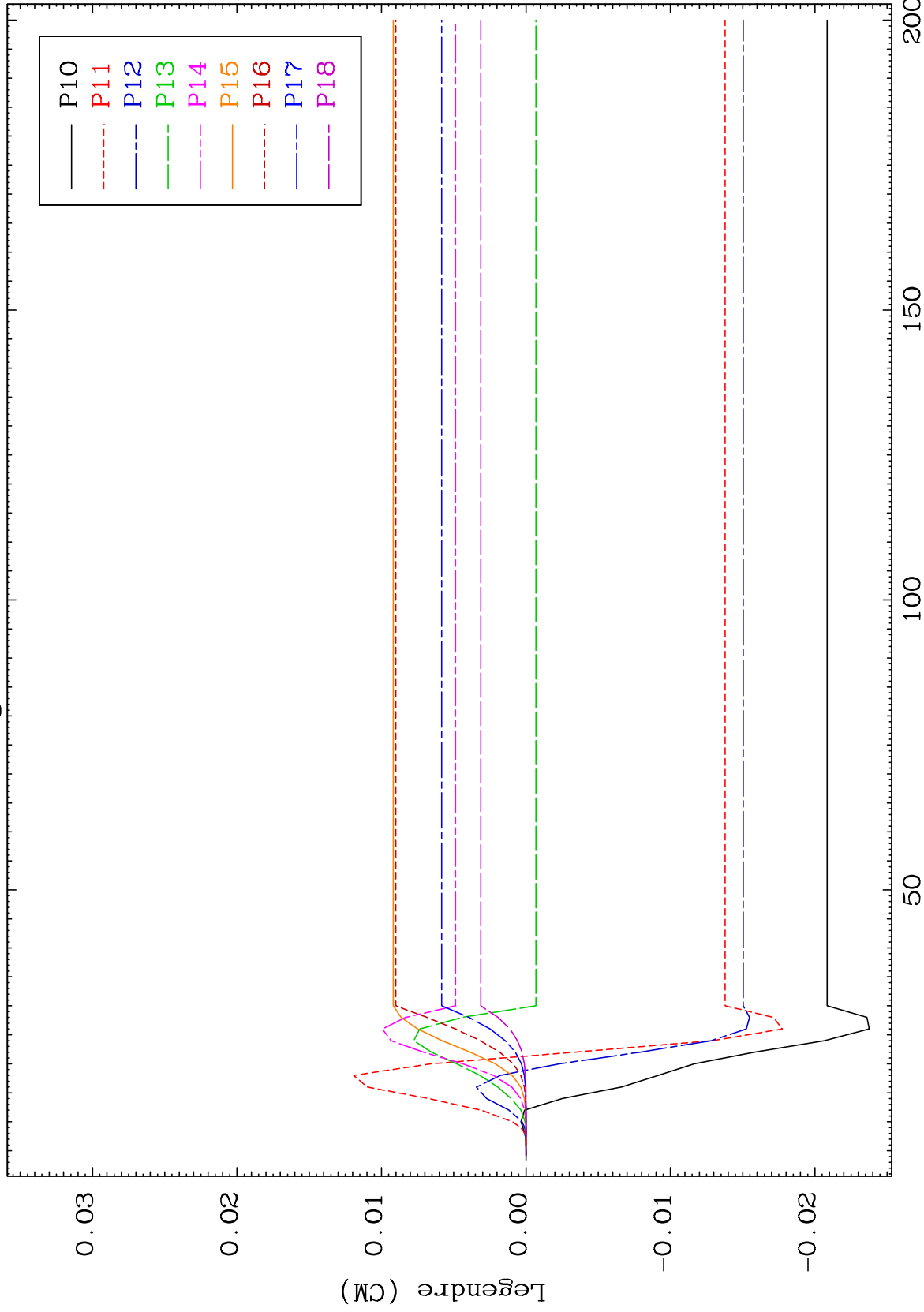
Incident Energy (MeV)

83

MAT 3619

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

36-Kr-76



84

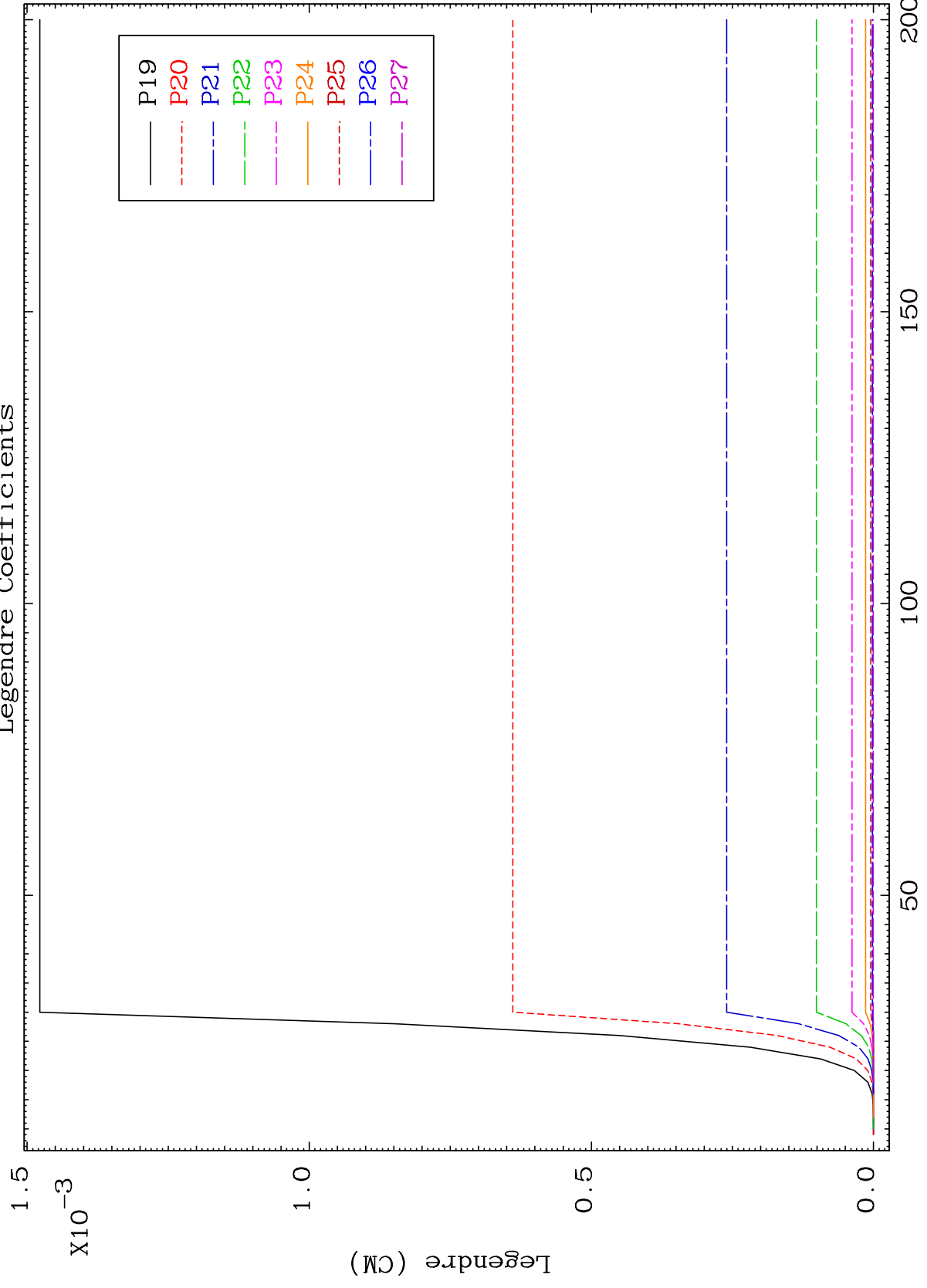
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

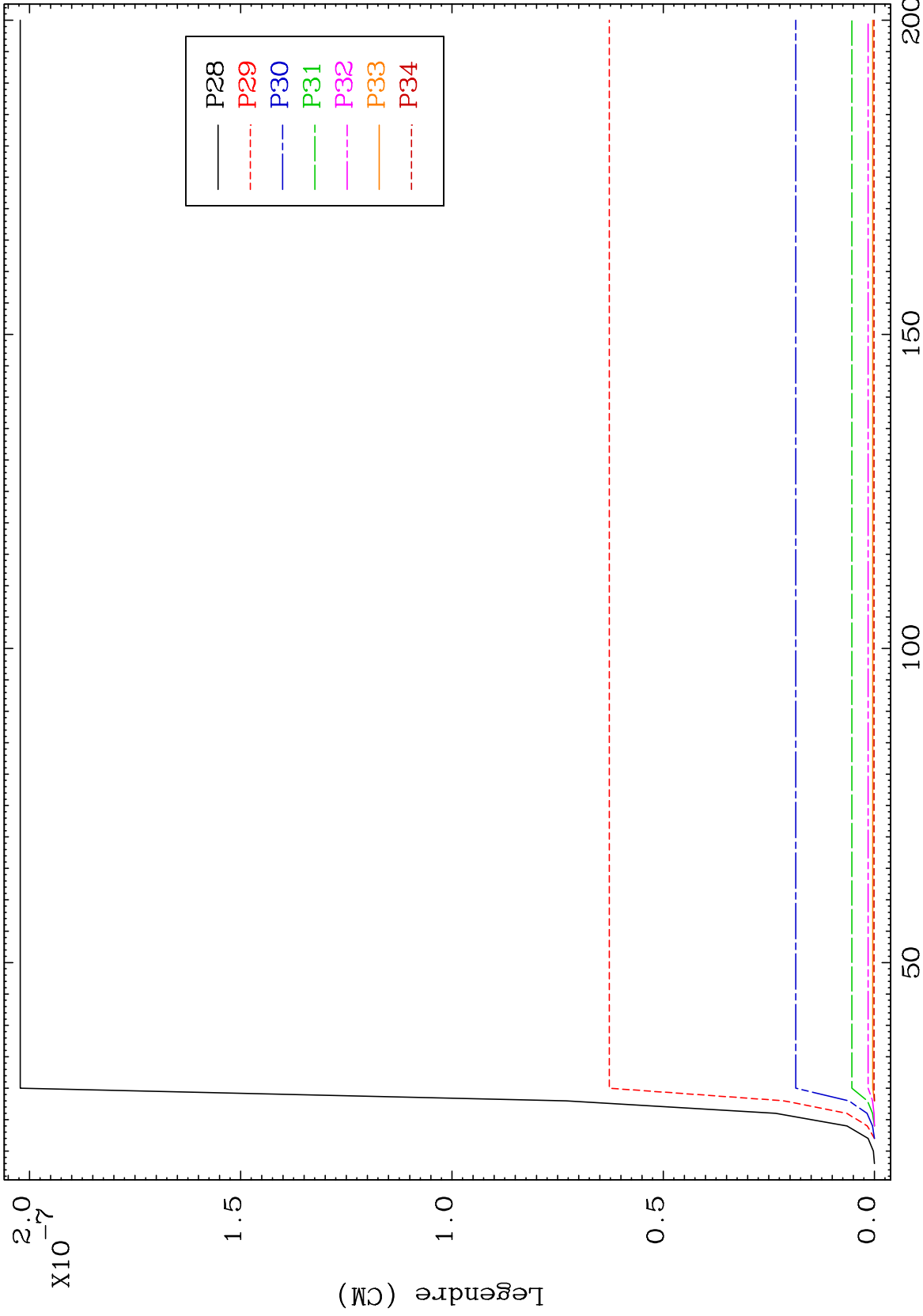
Incident Energy (MeV)

85

MAT 3619

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

36-Kr-76



86

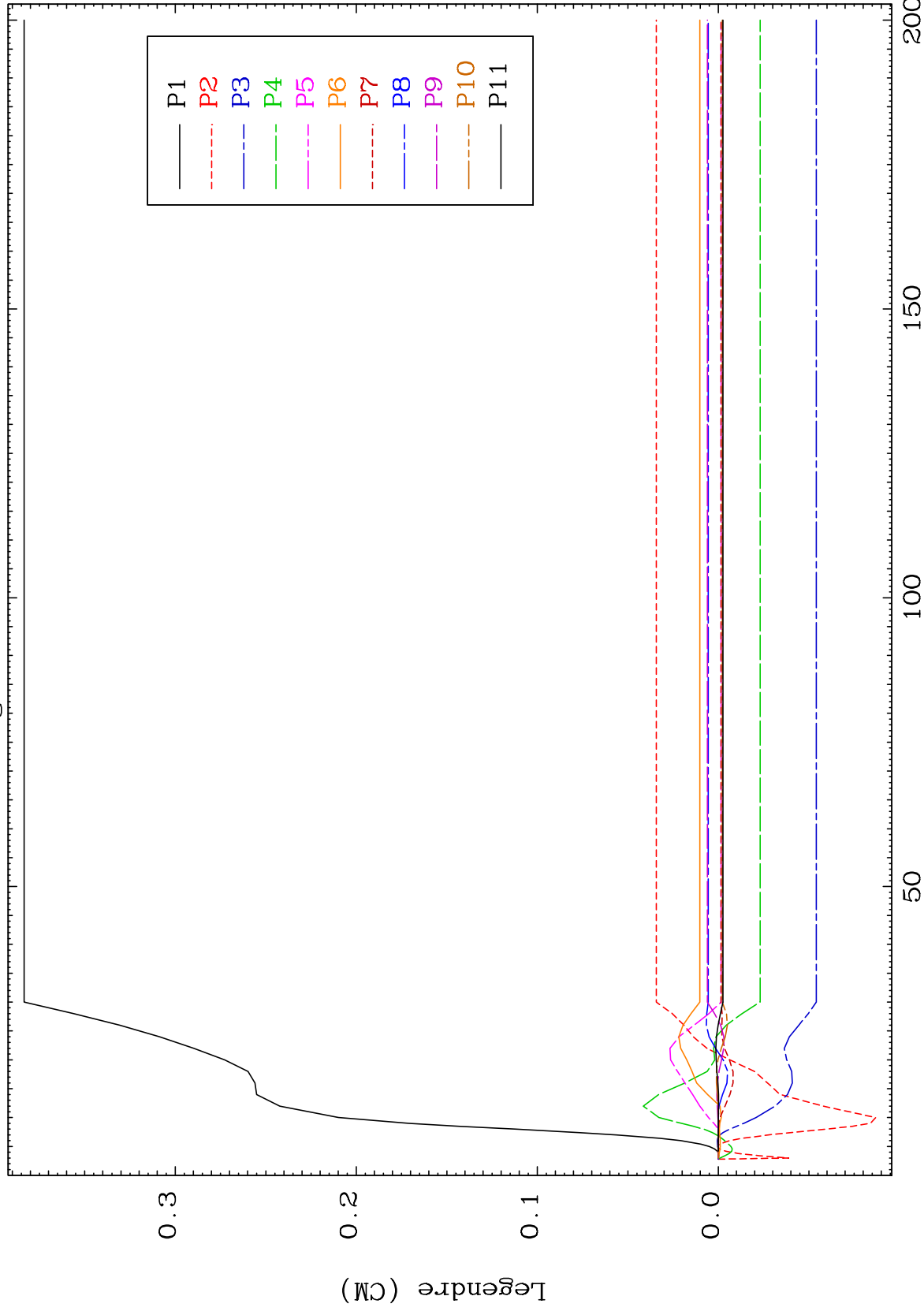
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

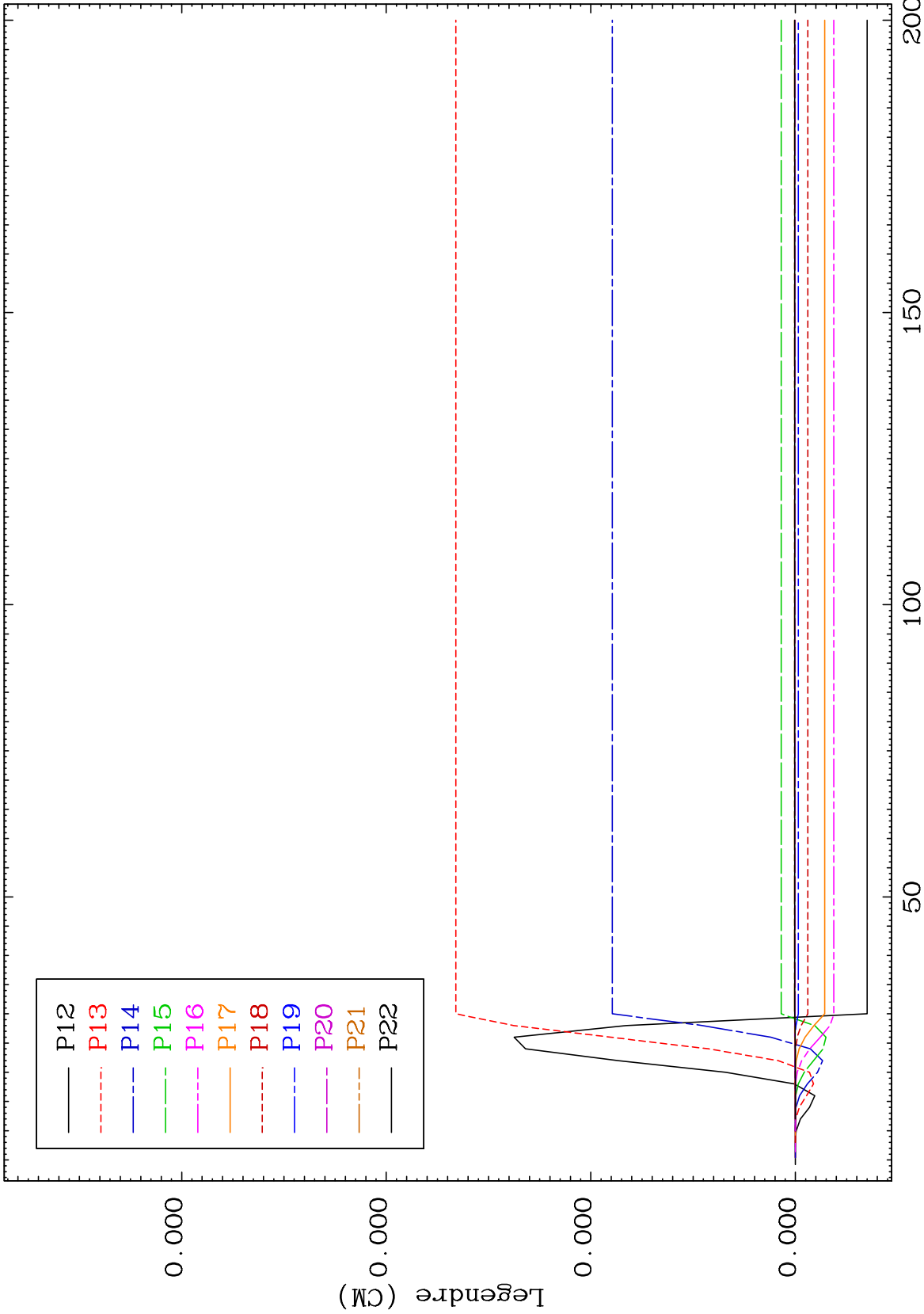
36-Kr-76



87

Incident Energy (MeV)

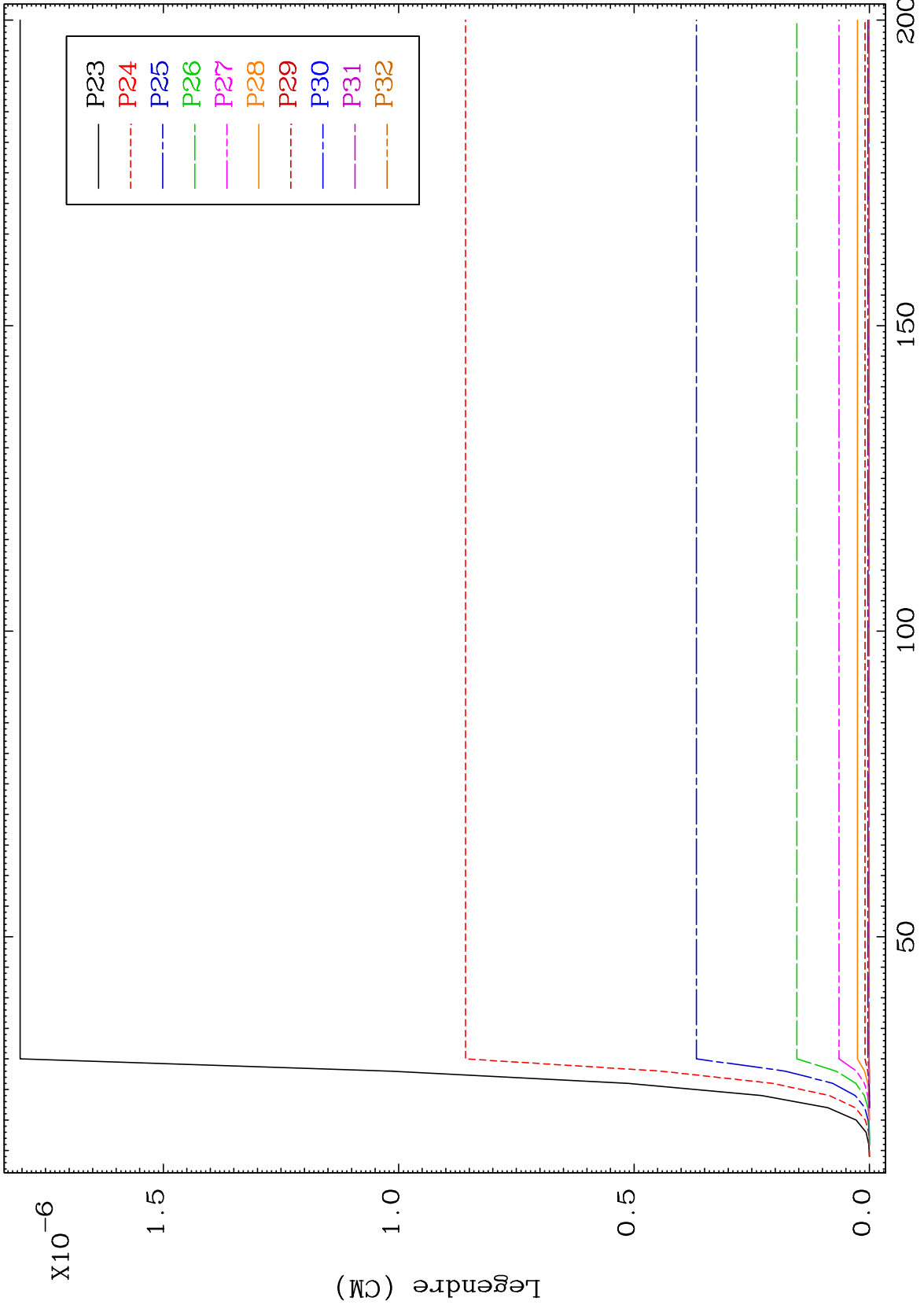
36-Kr-76



MAT 3619

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

36-Kr-76



89

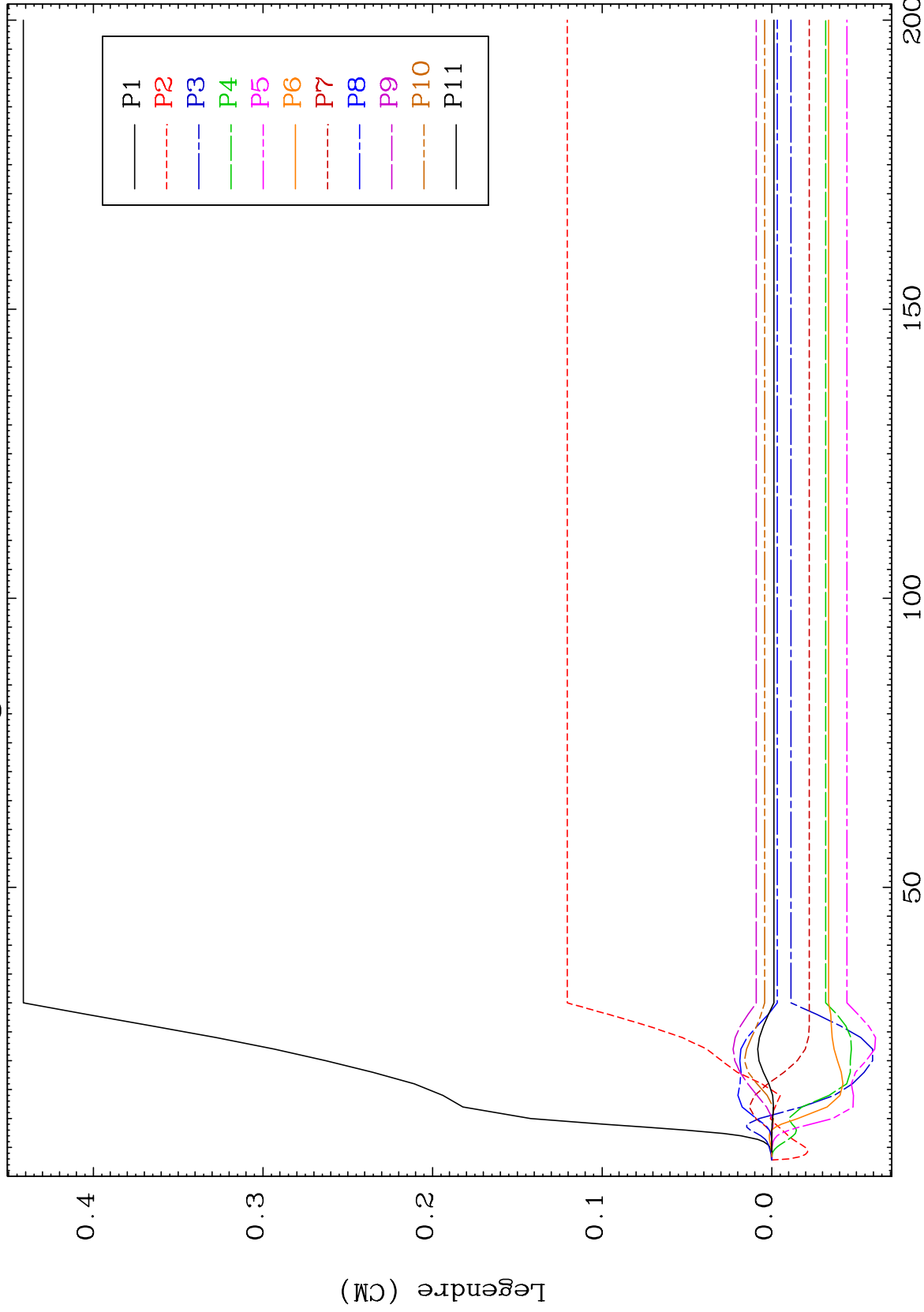
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



90

Incident Energy (MeV)

50

100

150

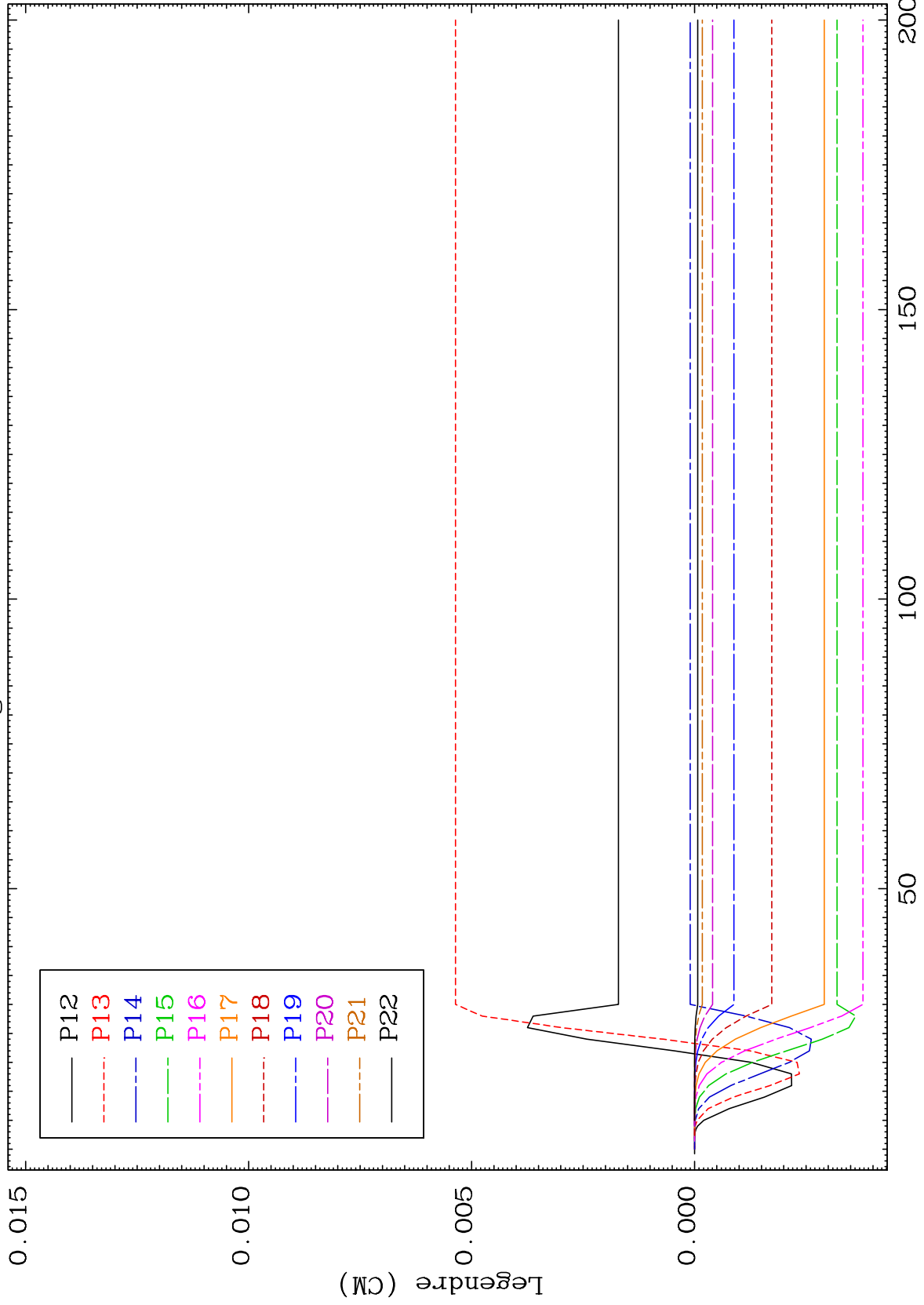
200

36-Kr-76

MAT 3619

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

36-Kr-76



91

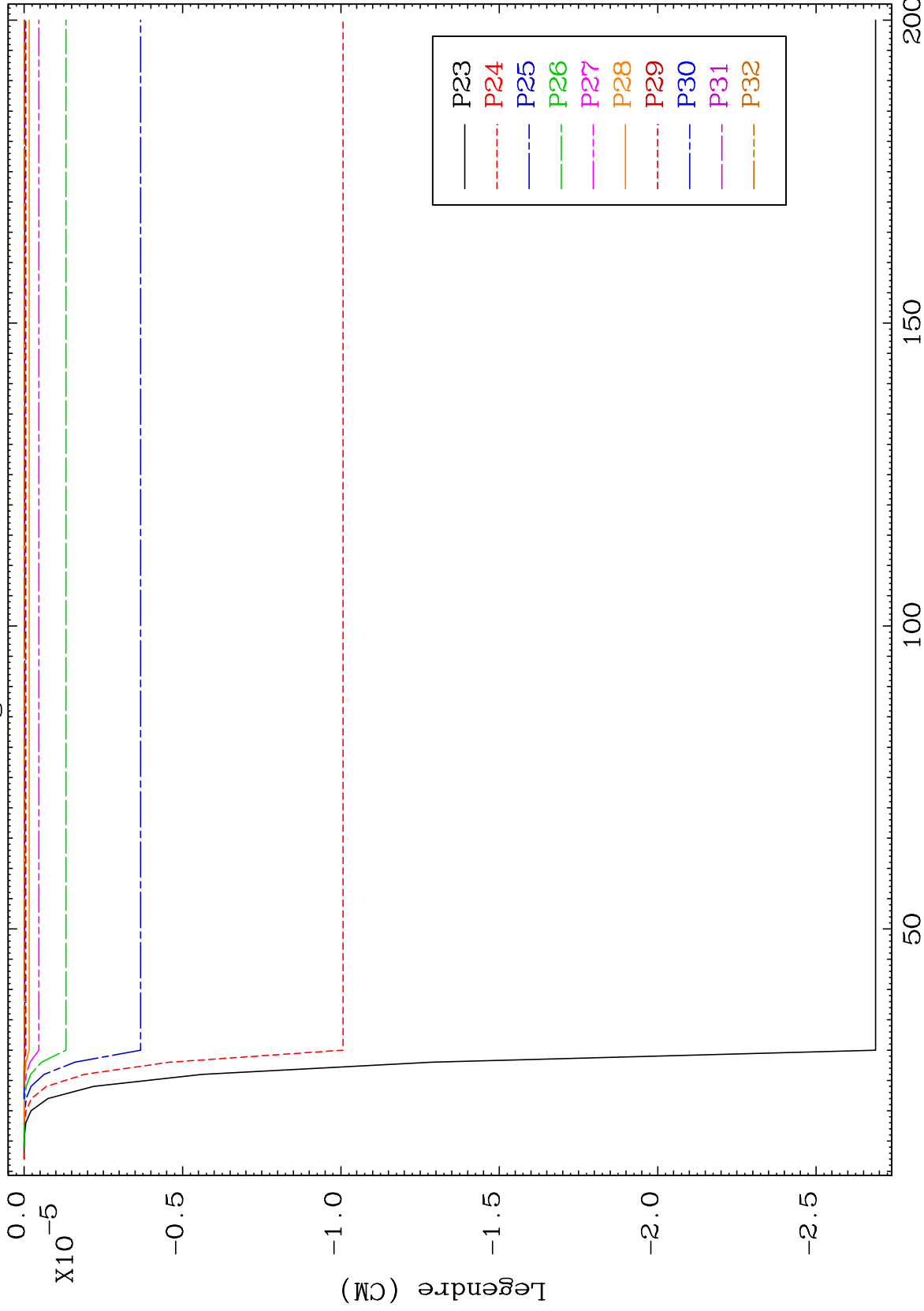
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

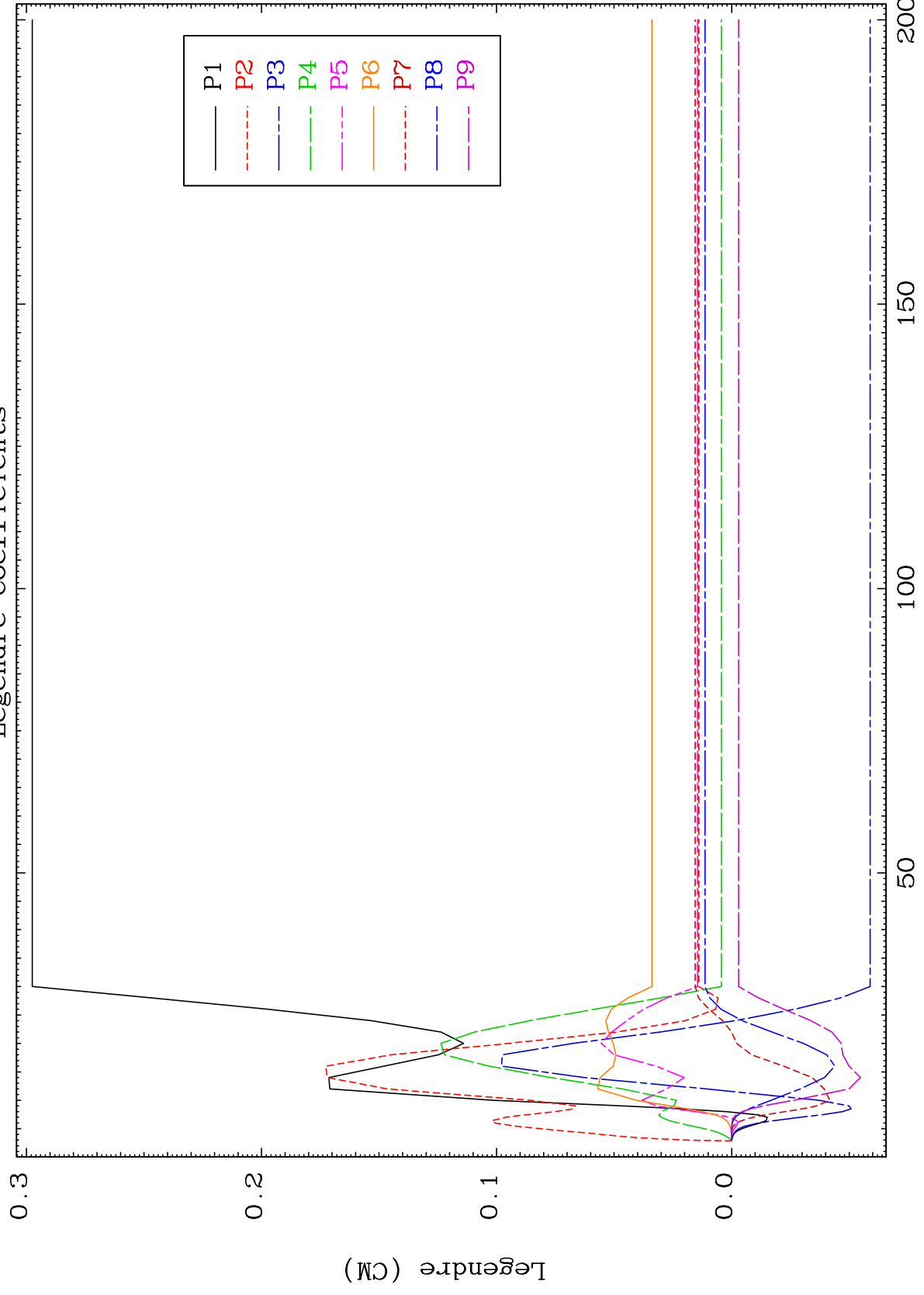
Incident Energy (MeV)

92

MAT 3619

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

36-Kr-76



93

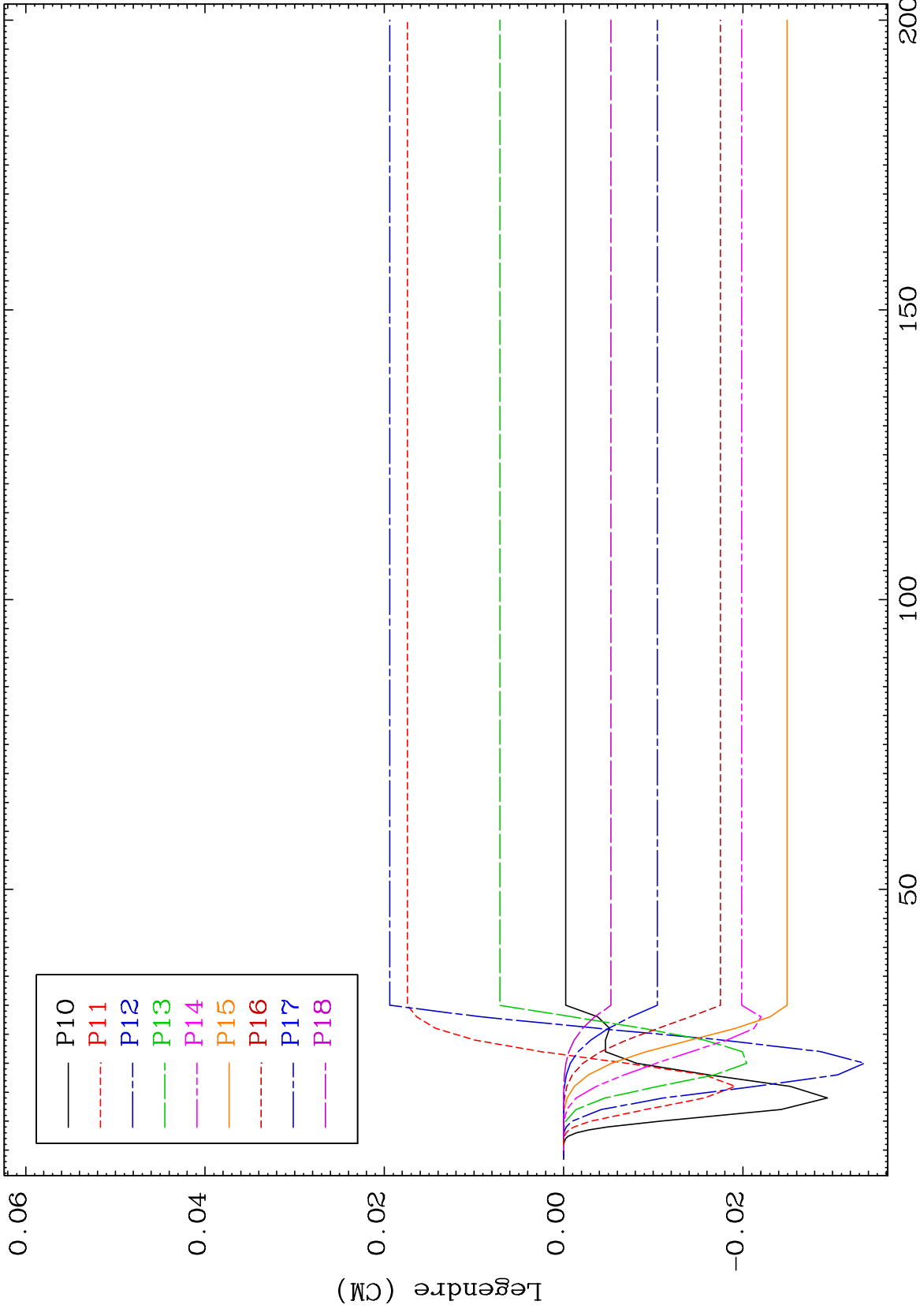
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



94

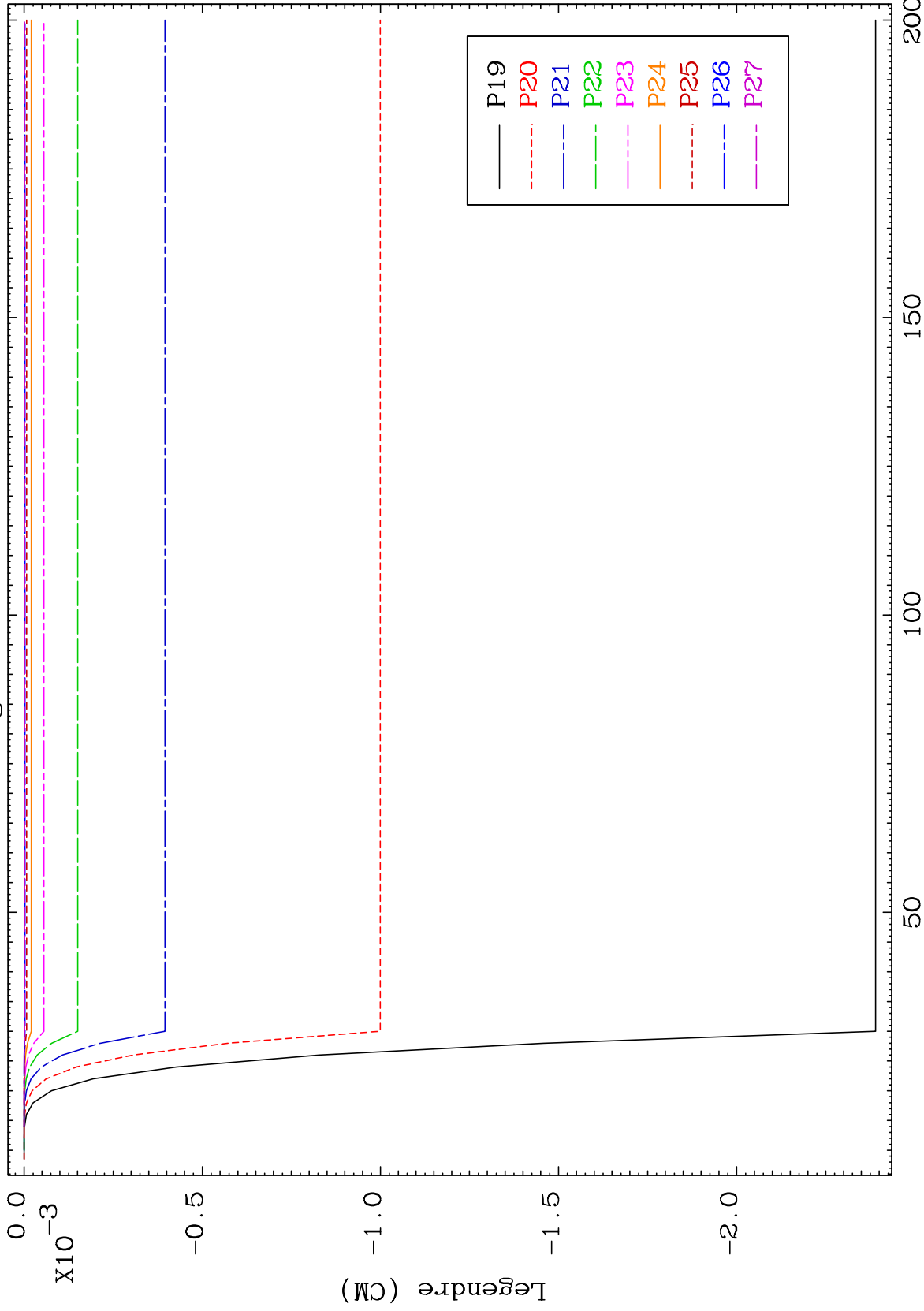
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



95

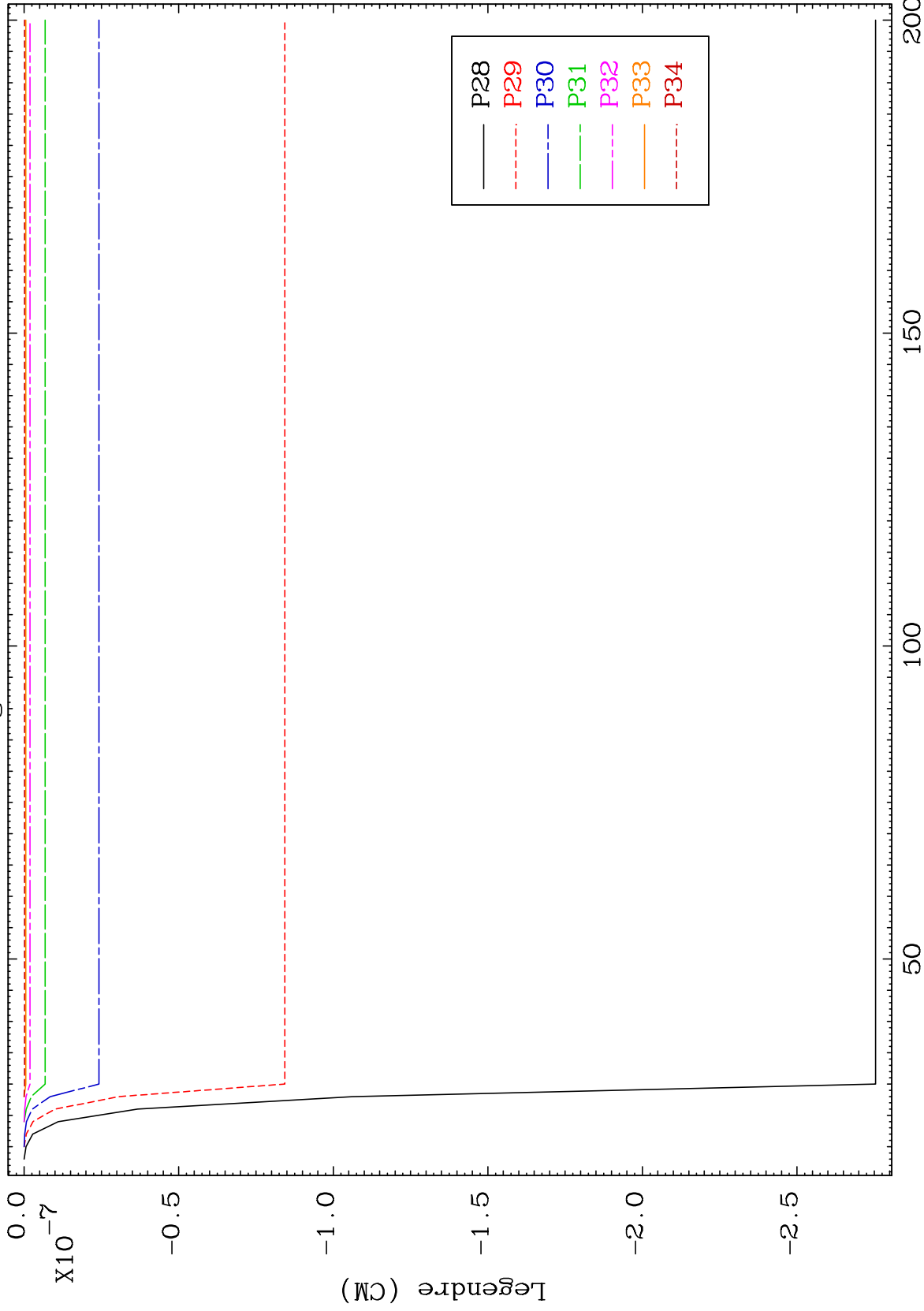
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



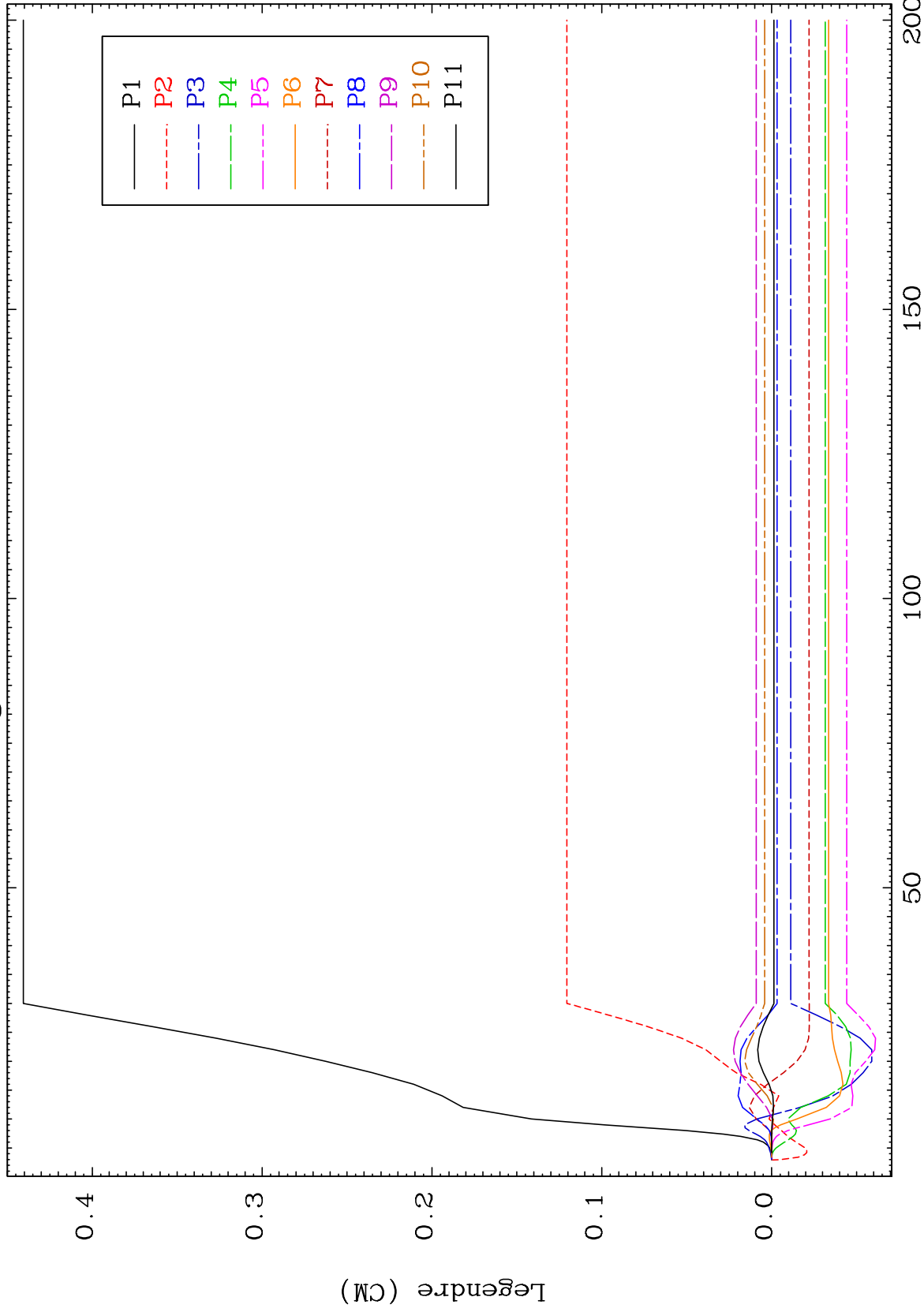
96

36-Kr-76

MAT 3619

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

36-Kr-76



97

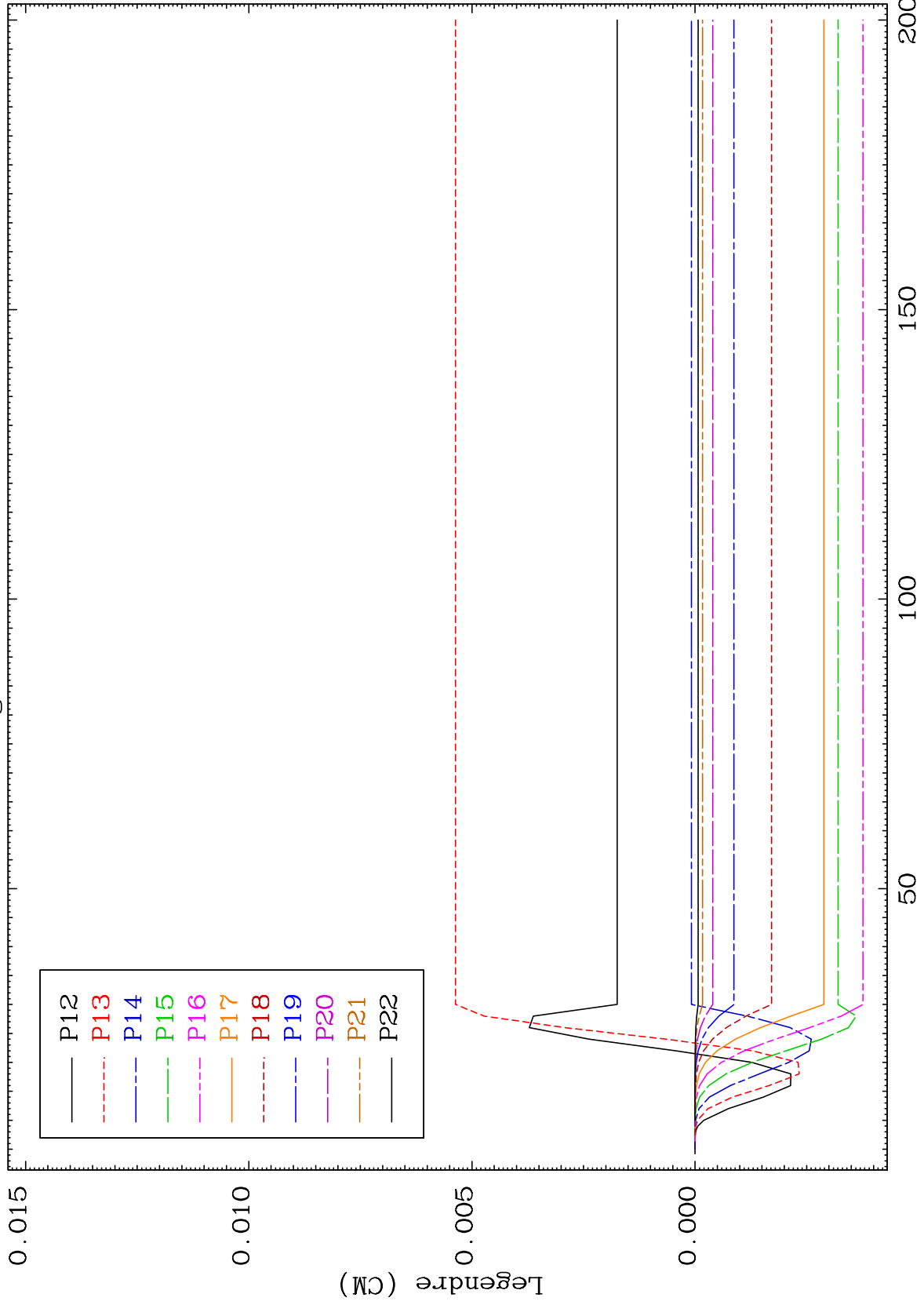
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



98

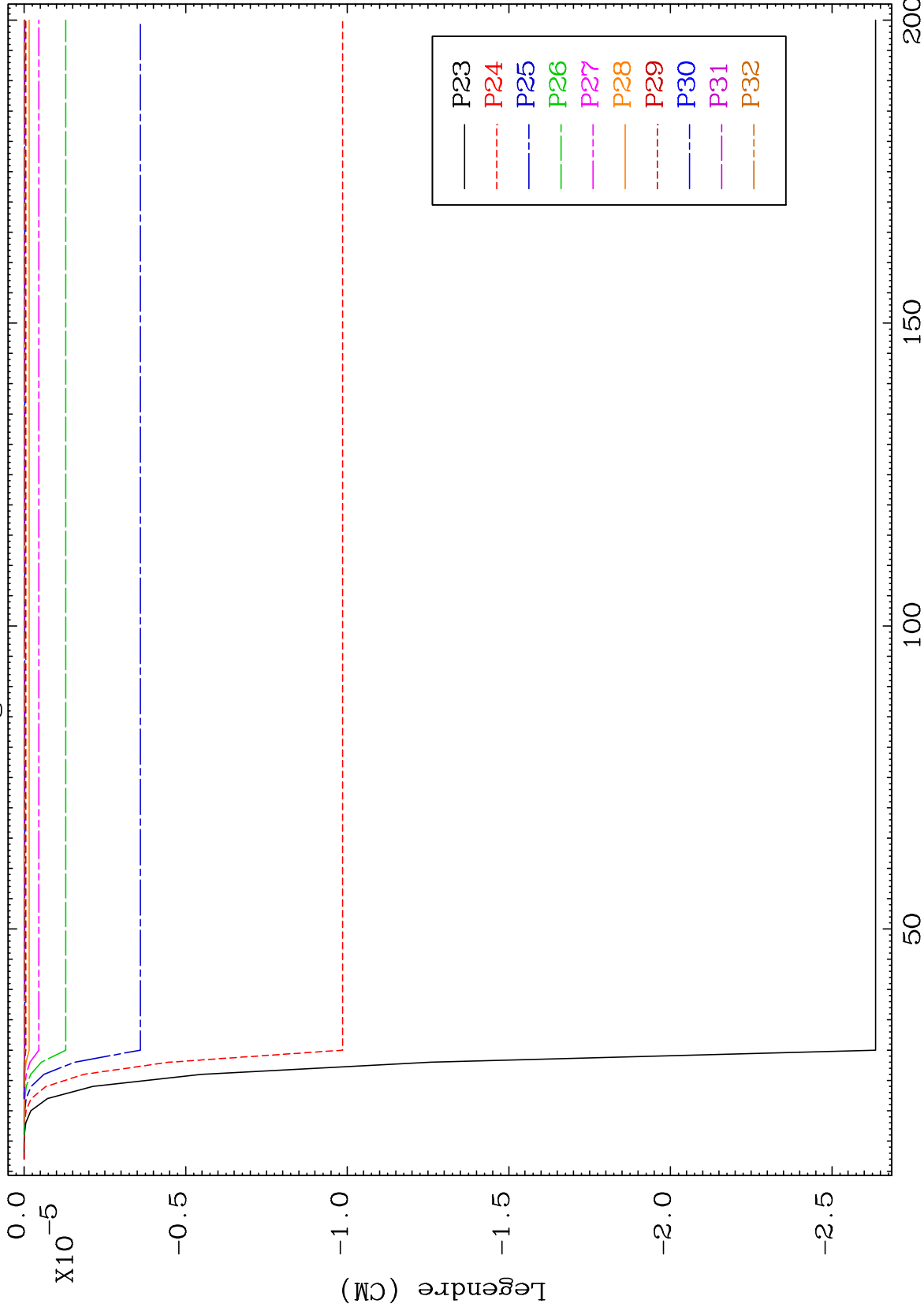
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



99

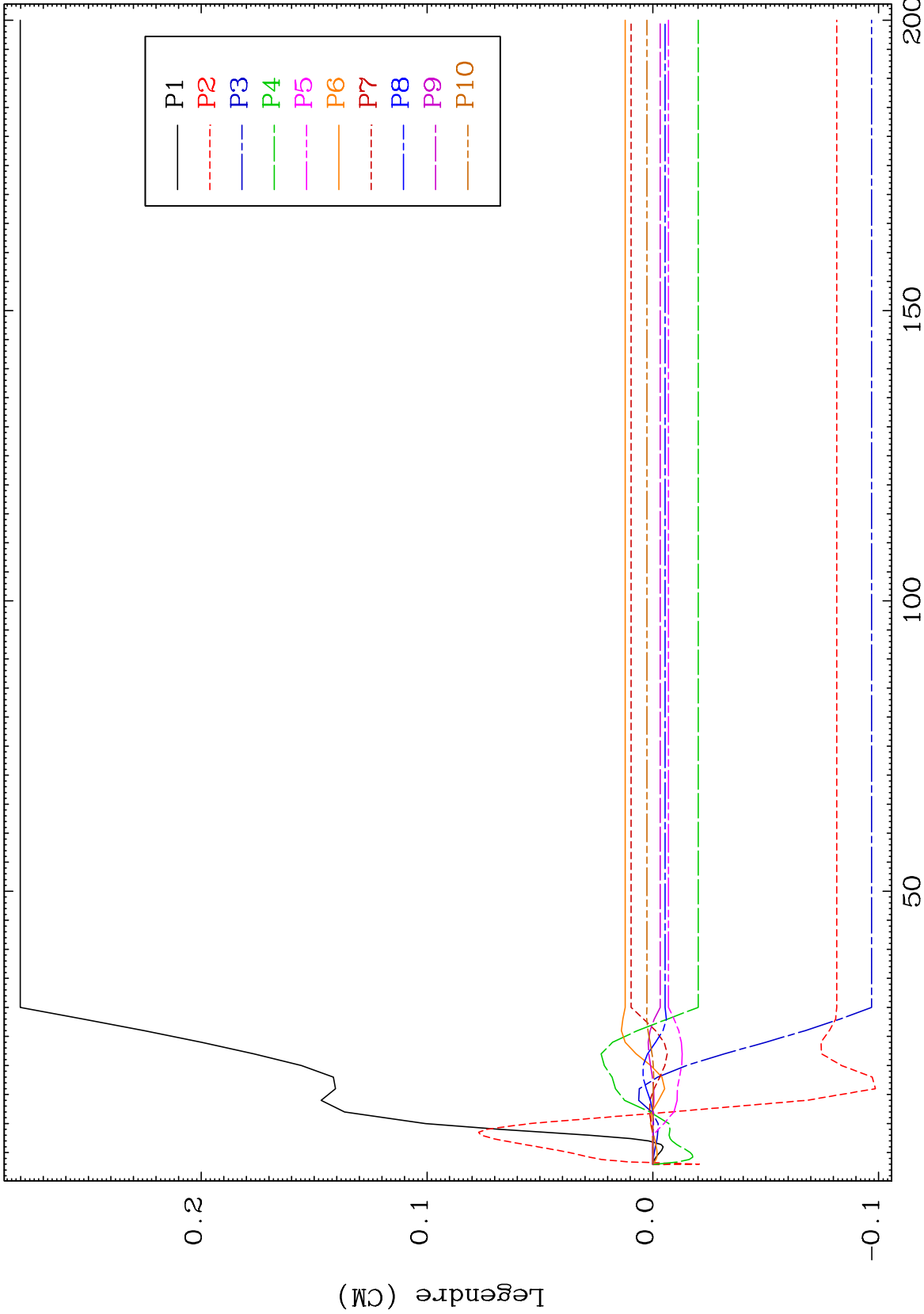
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



100

50

100

150

200

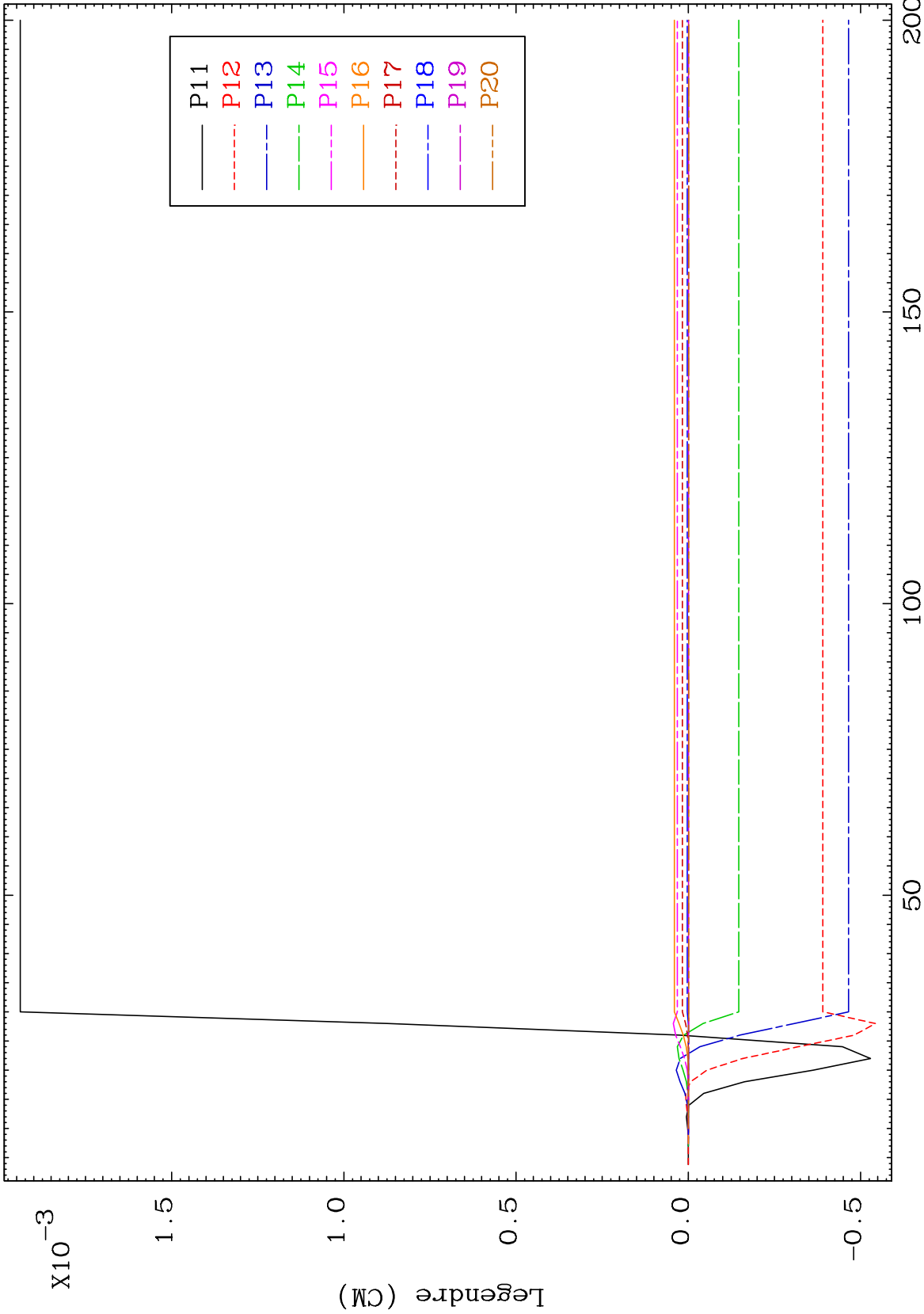
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



101

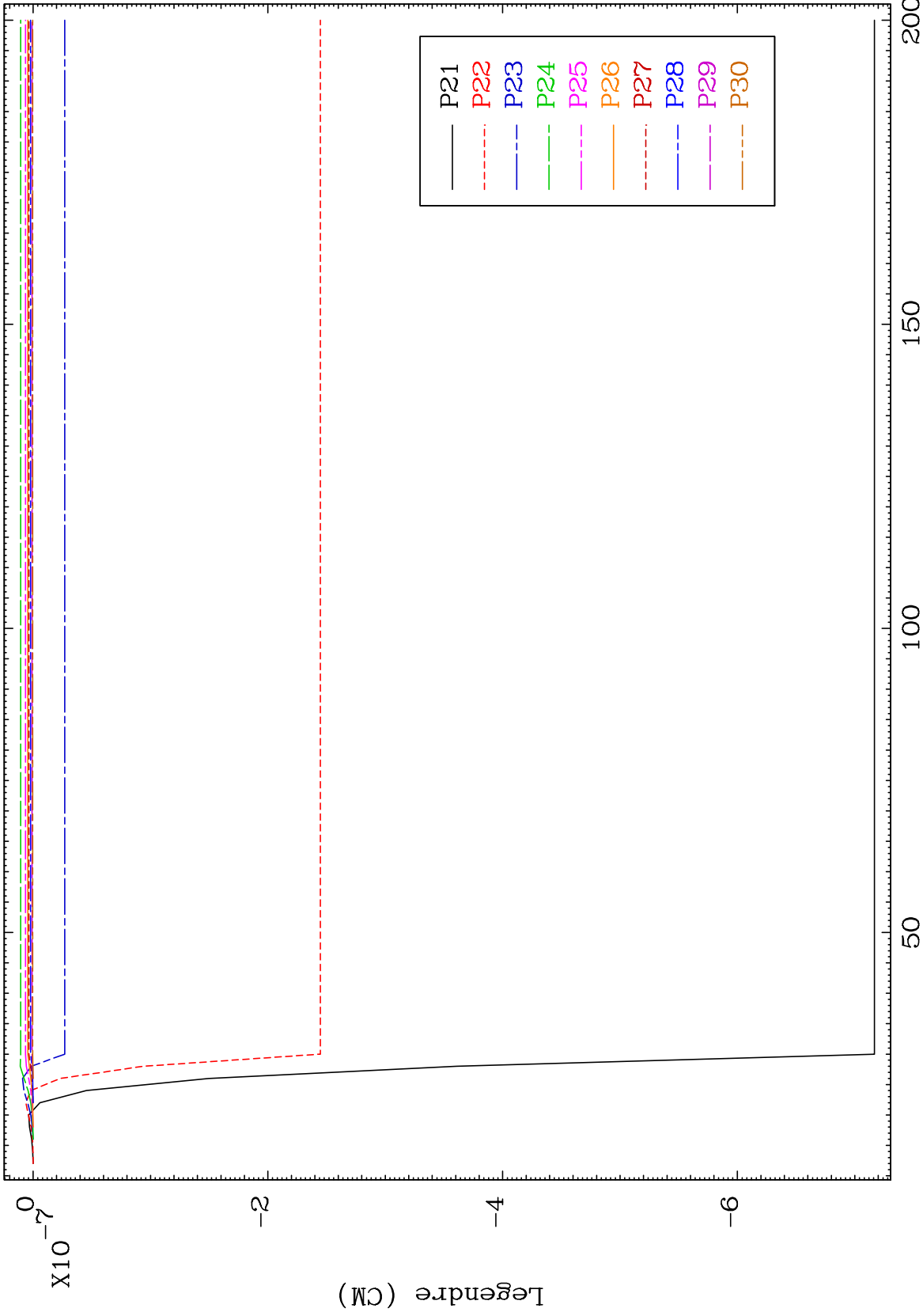
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76

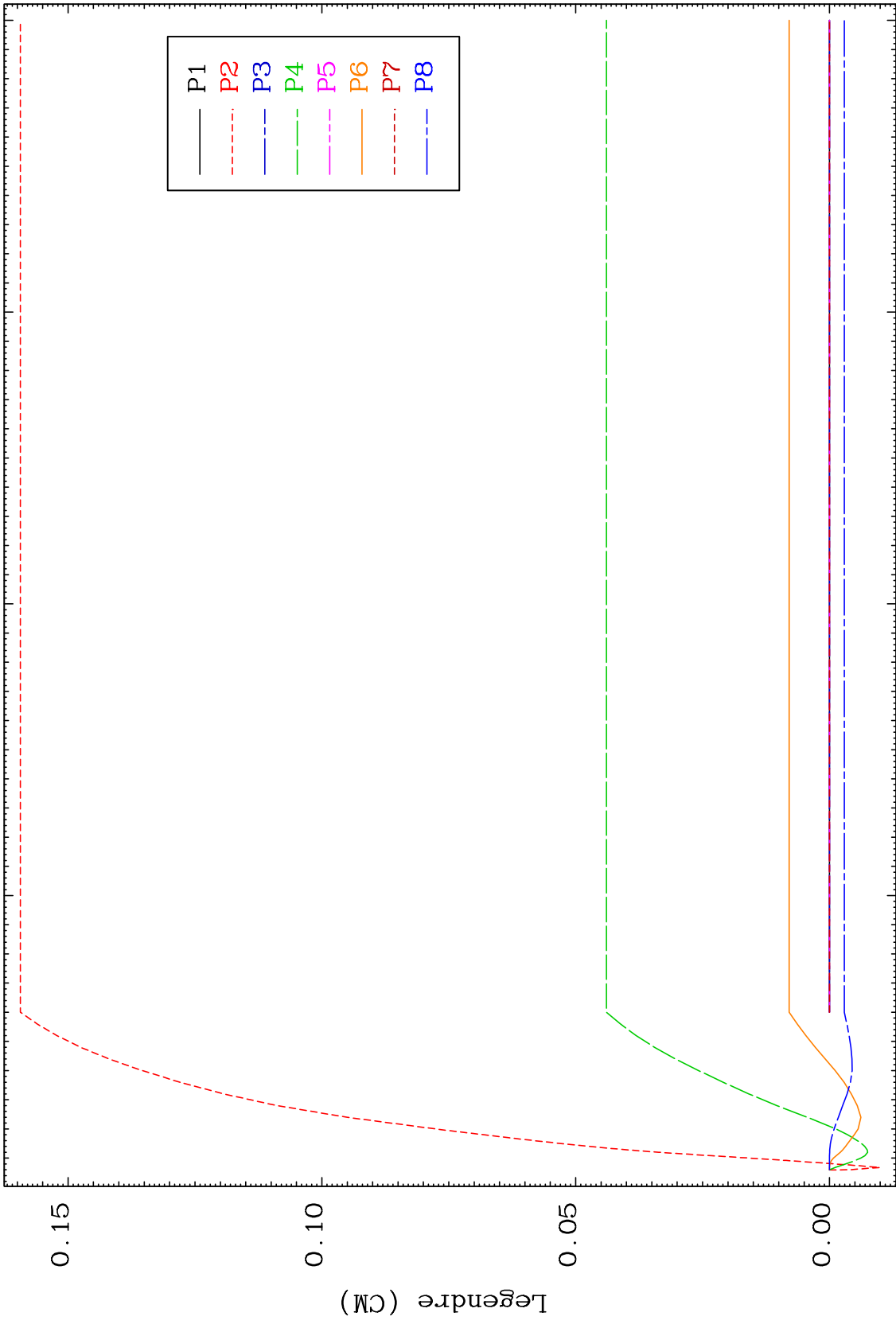


102

Incident Energy (MeV)

36-Kr-76

MAT 3619 MT= 75 (n,n') Level Legendre Coefficients 36-Kr-76

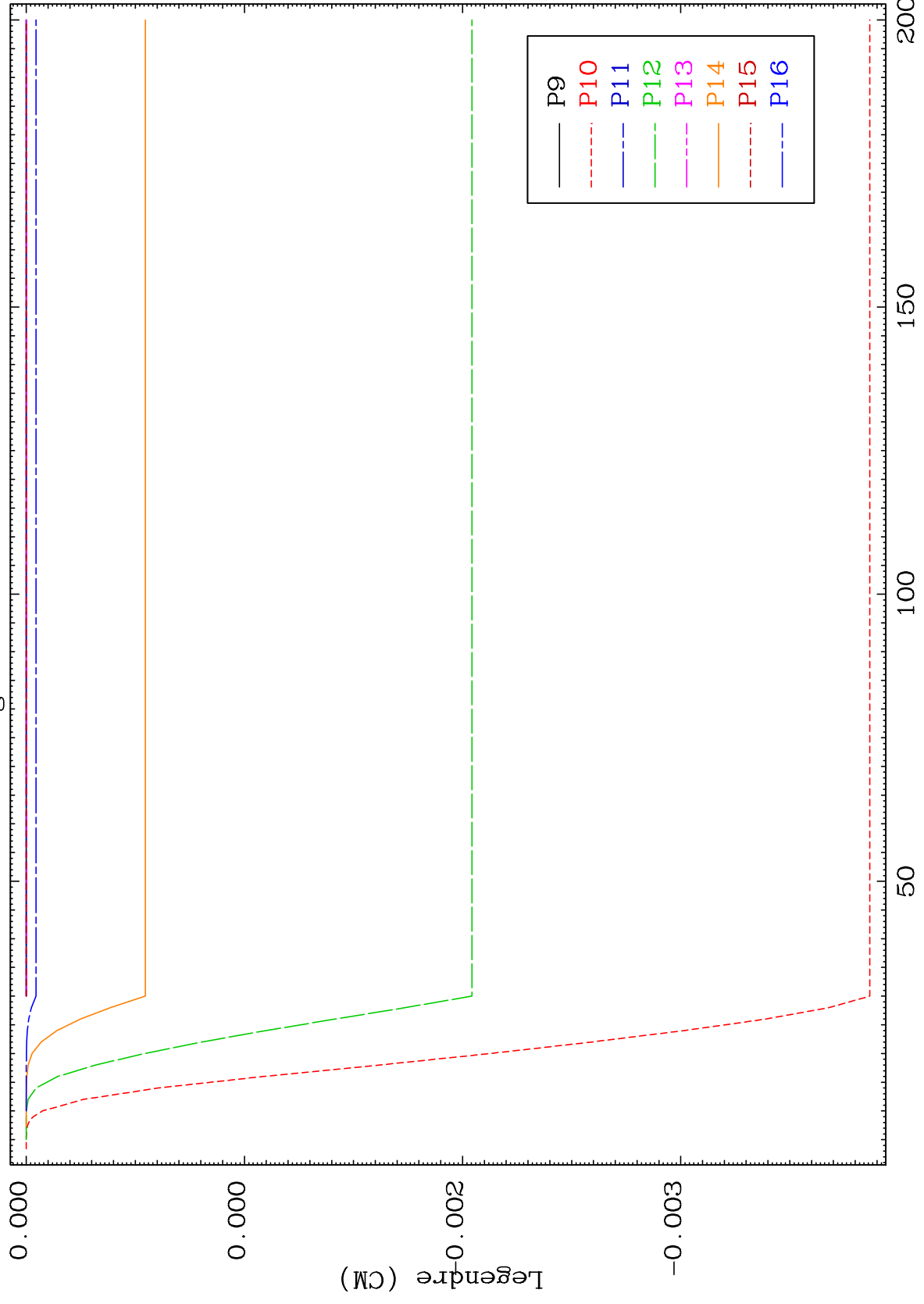


36-Kr-76

MAT 3619

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

36-Kr-76



36-Kr-76

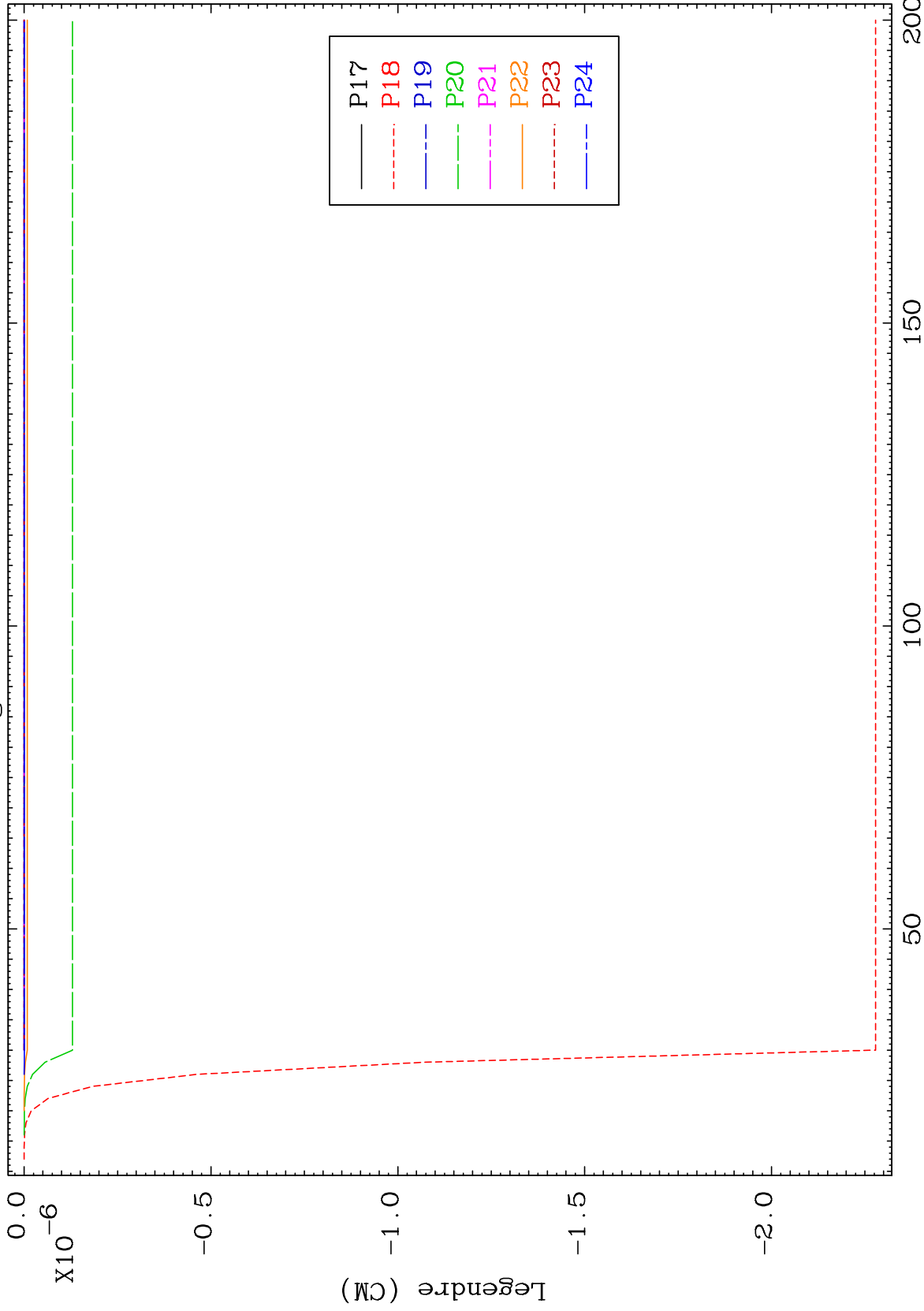
Incident Energy (MeV)

104

MAT 3619

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

36-Kr-76



36-Kr-76

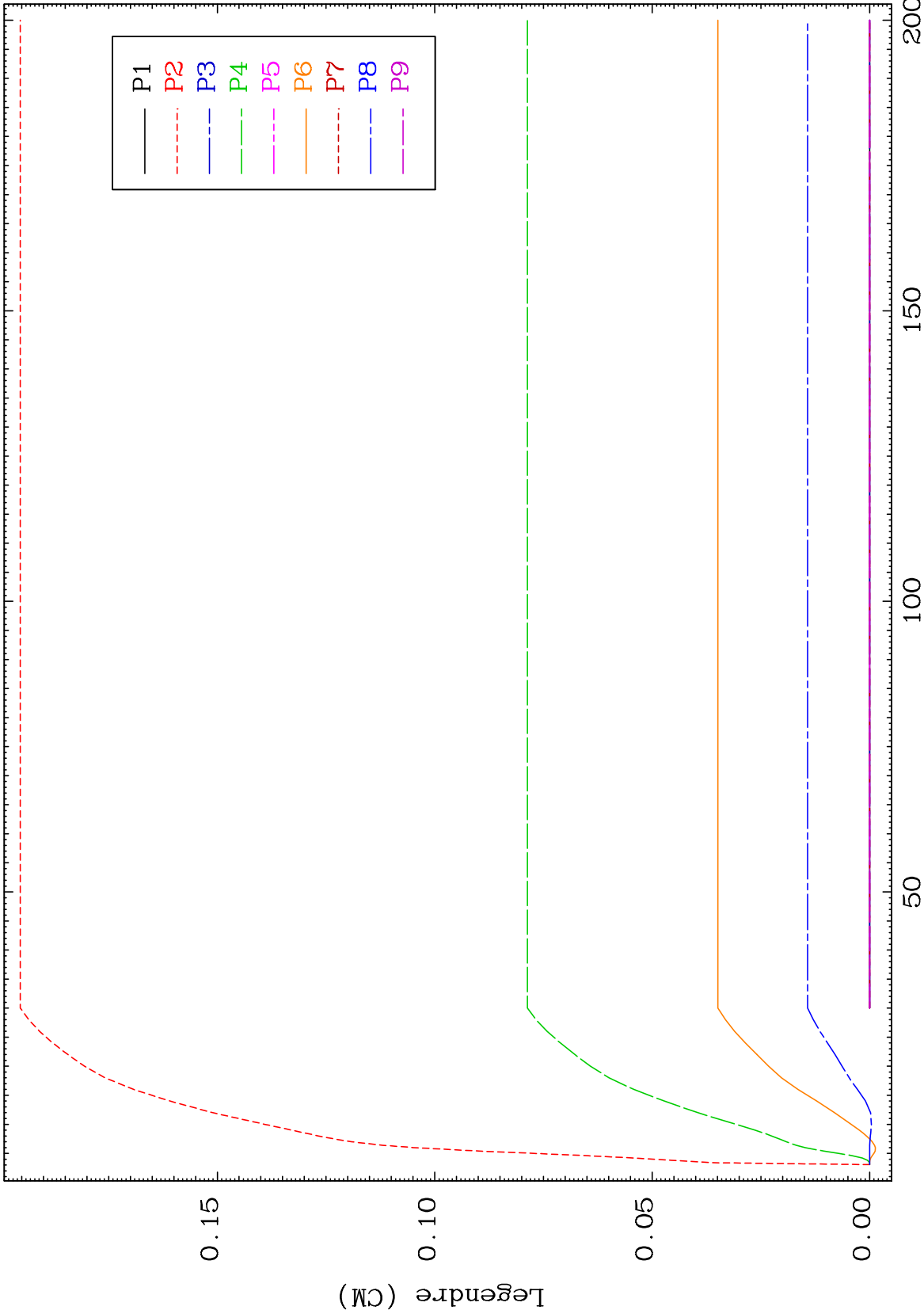
Incident Energy (MeV)

105

MAT 3619

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

36-Kr-76



106

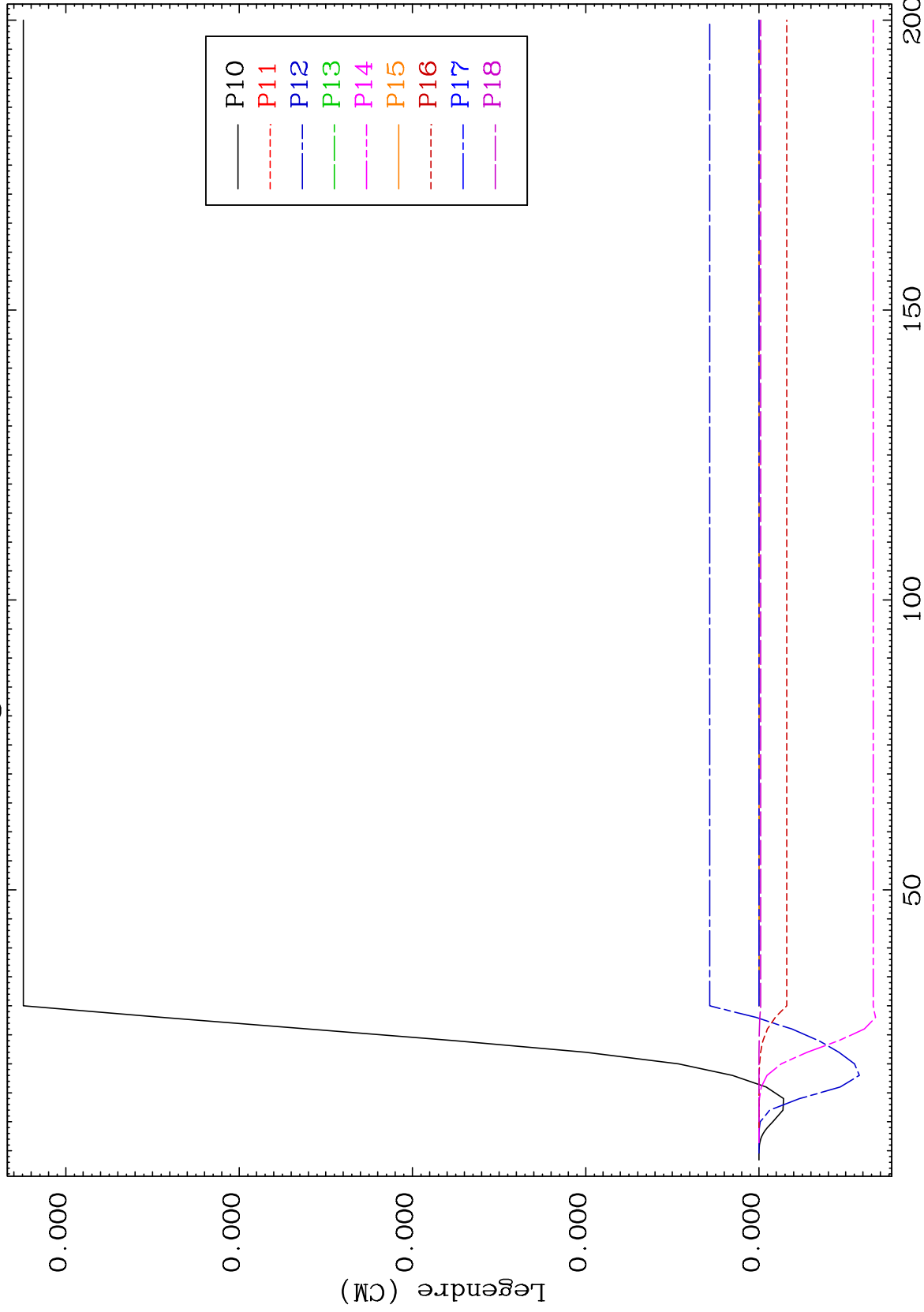
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



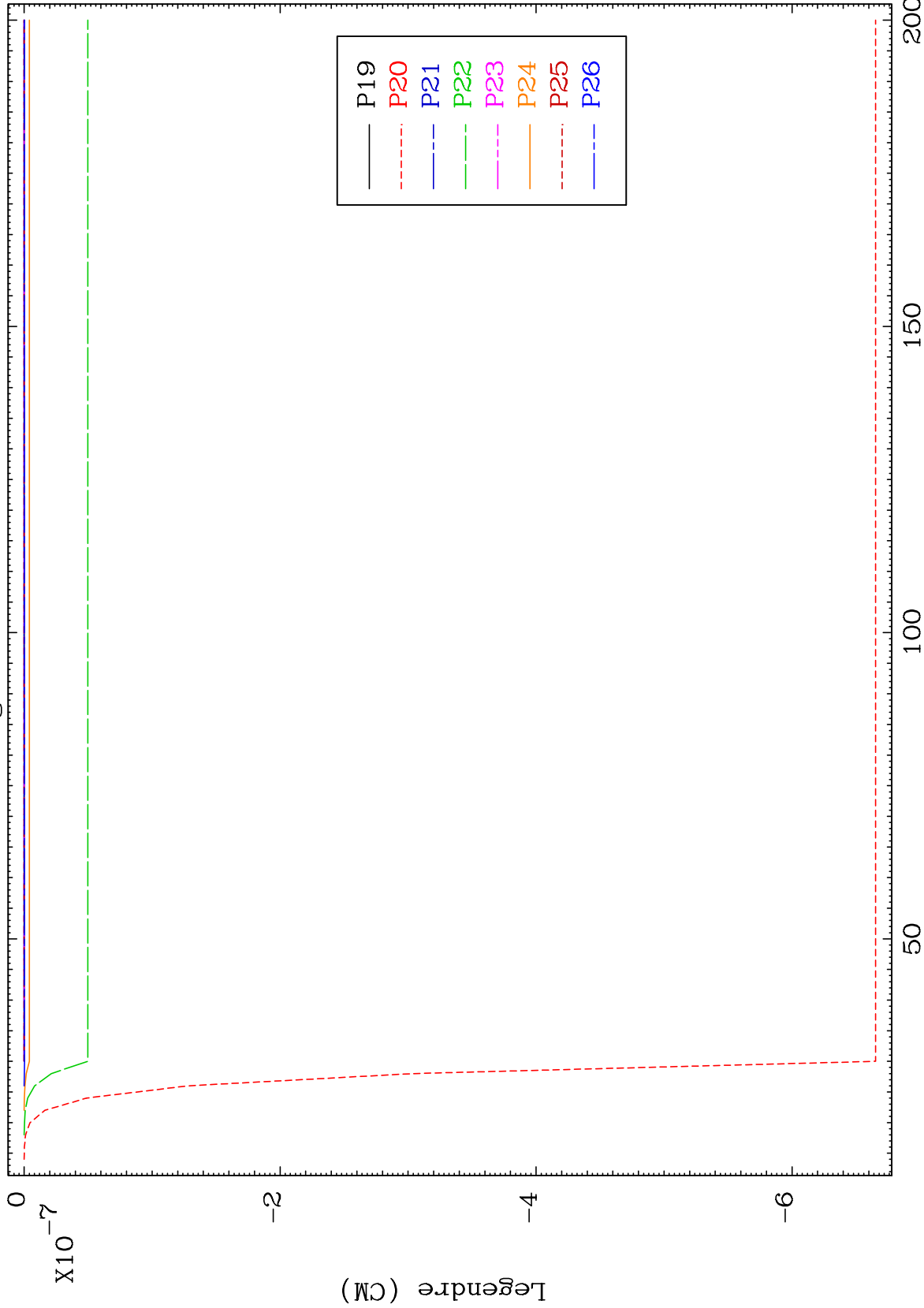
107

36-Kr-76

MAT 3619

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

36-Kr-76



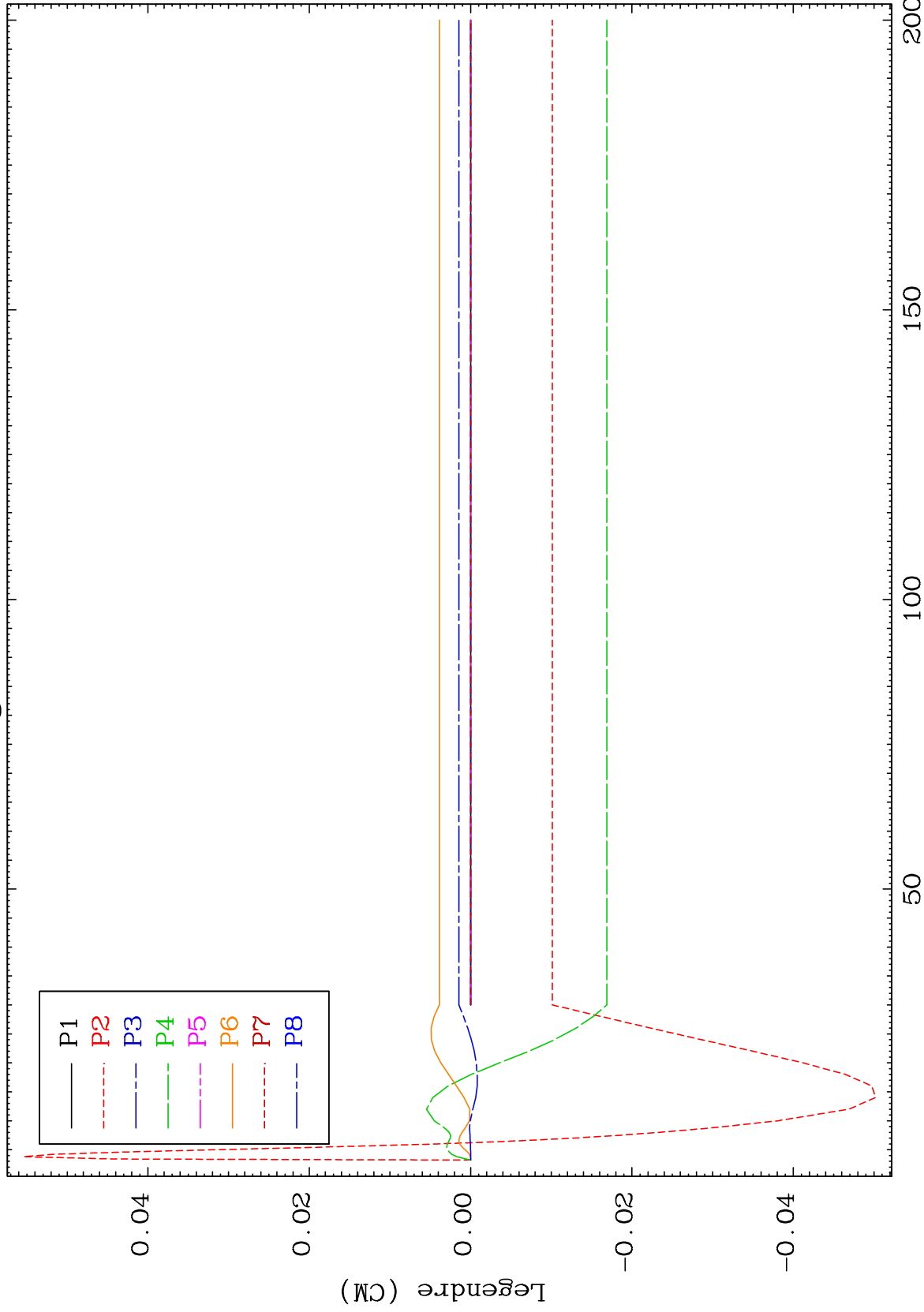
108

36-Kr-76

MAT 3619

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

36-Kr-76



109

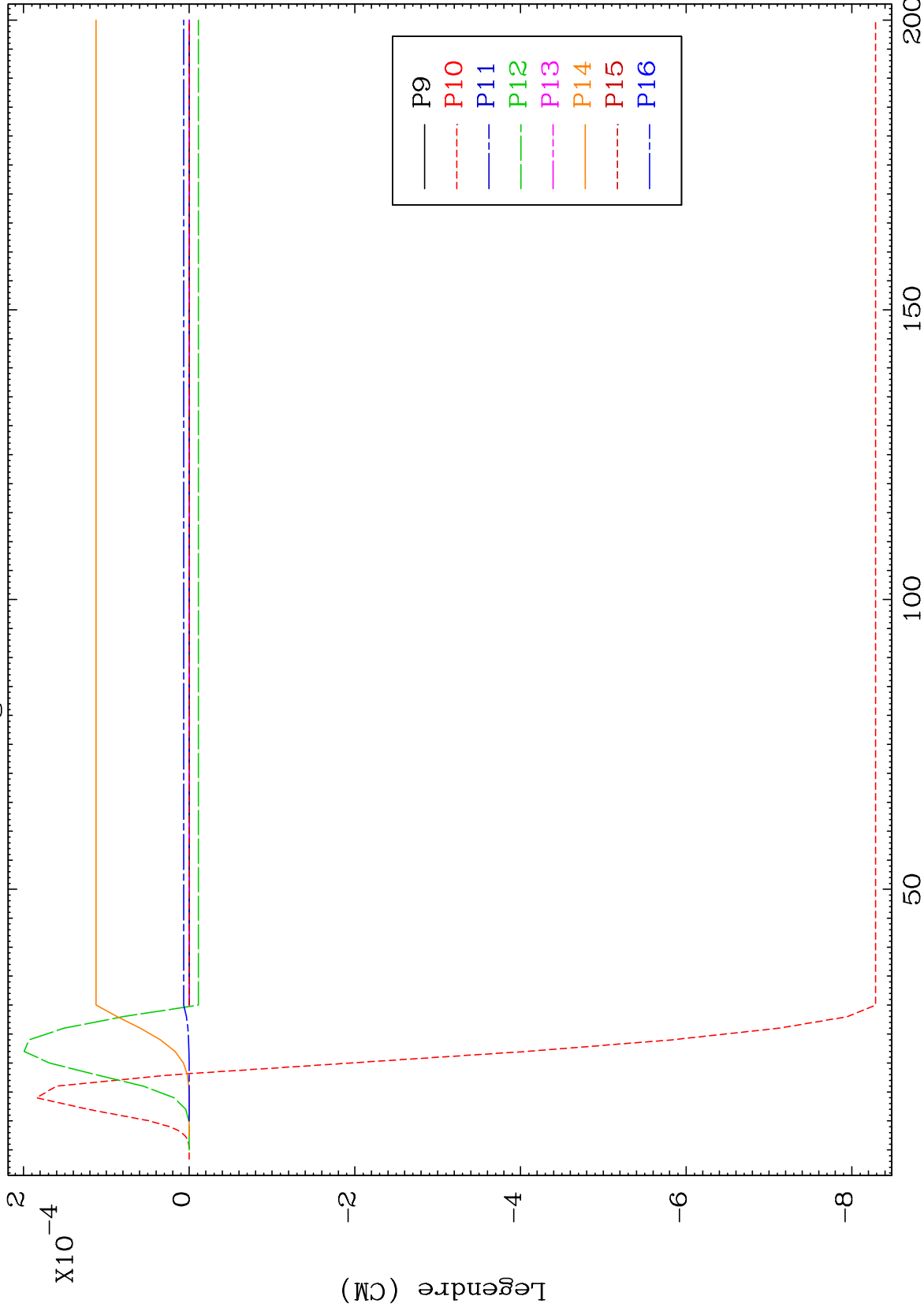
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



110

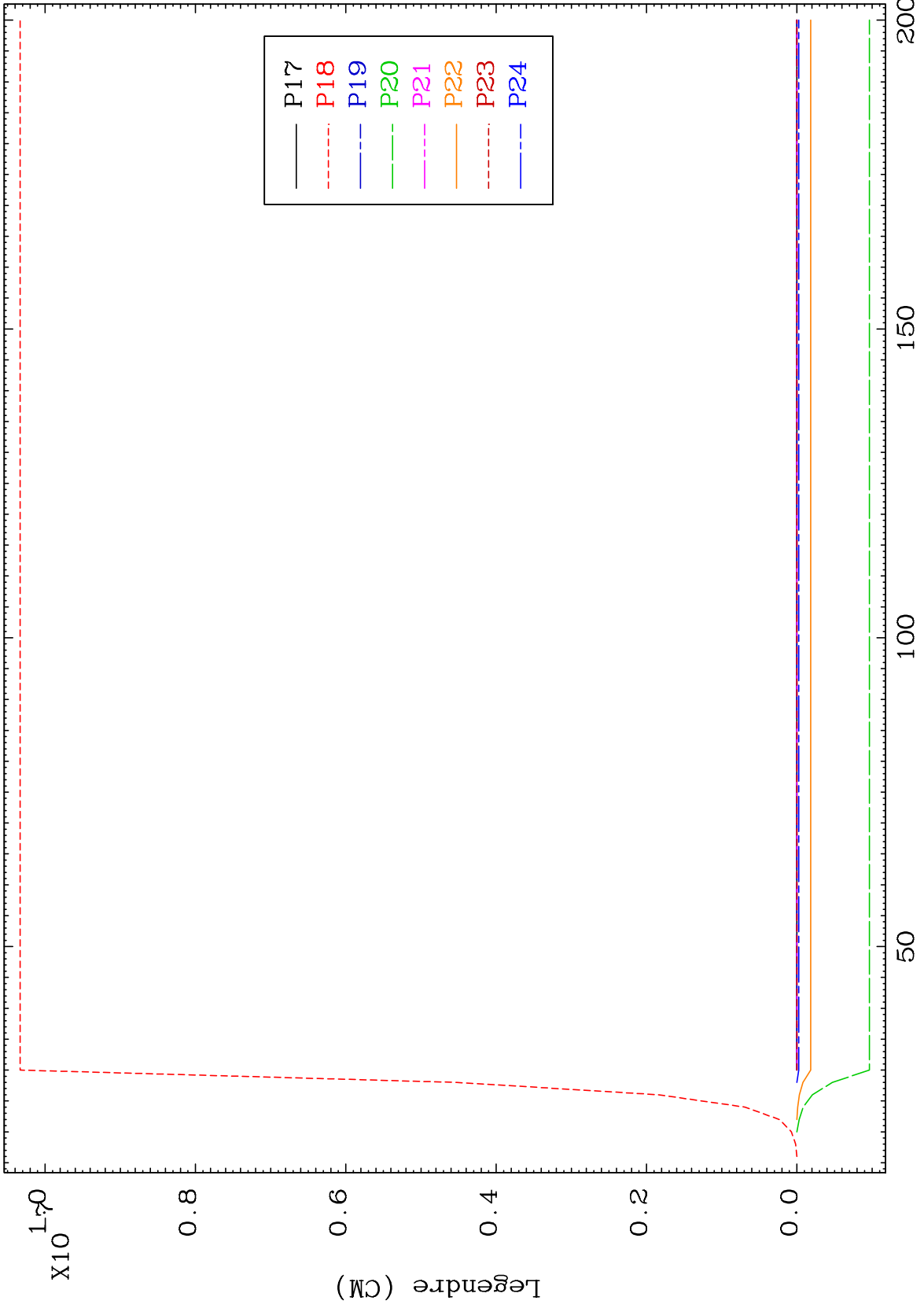
Incident Energy (MeV)

36-Kr-76

MAT 3619

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

36-Kr-76



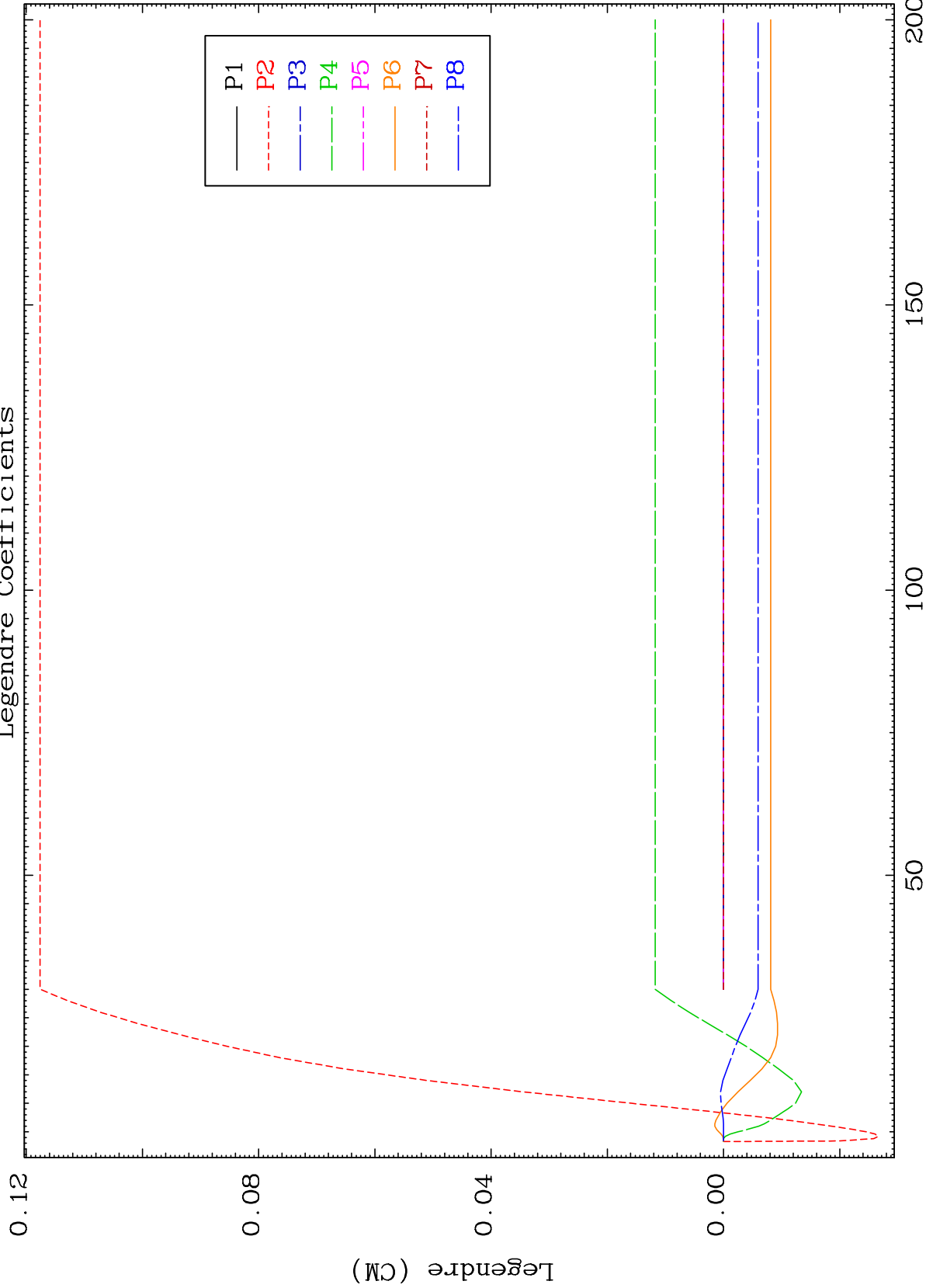
111

36-Kr-76

MAT 3619 MT= 78 (n,n') Level Legendre Coefficients

36-Kr-76

36-Kr-76



112

50

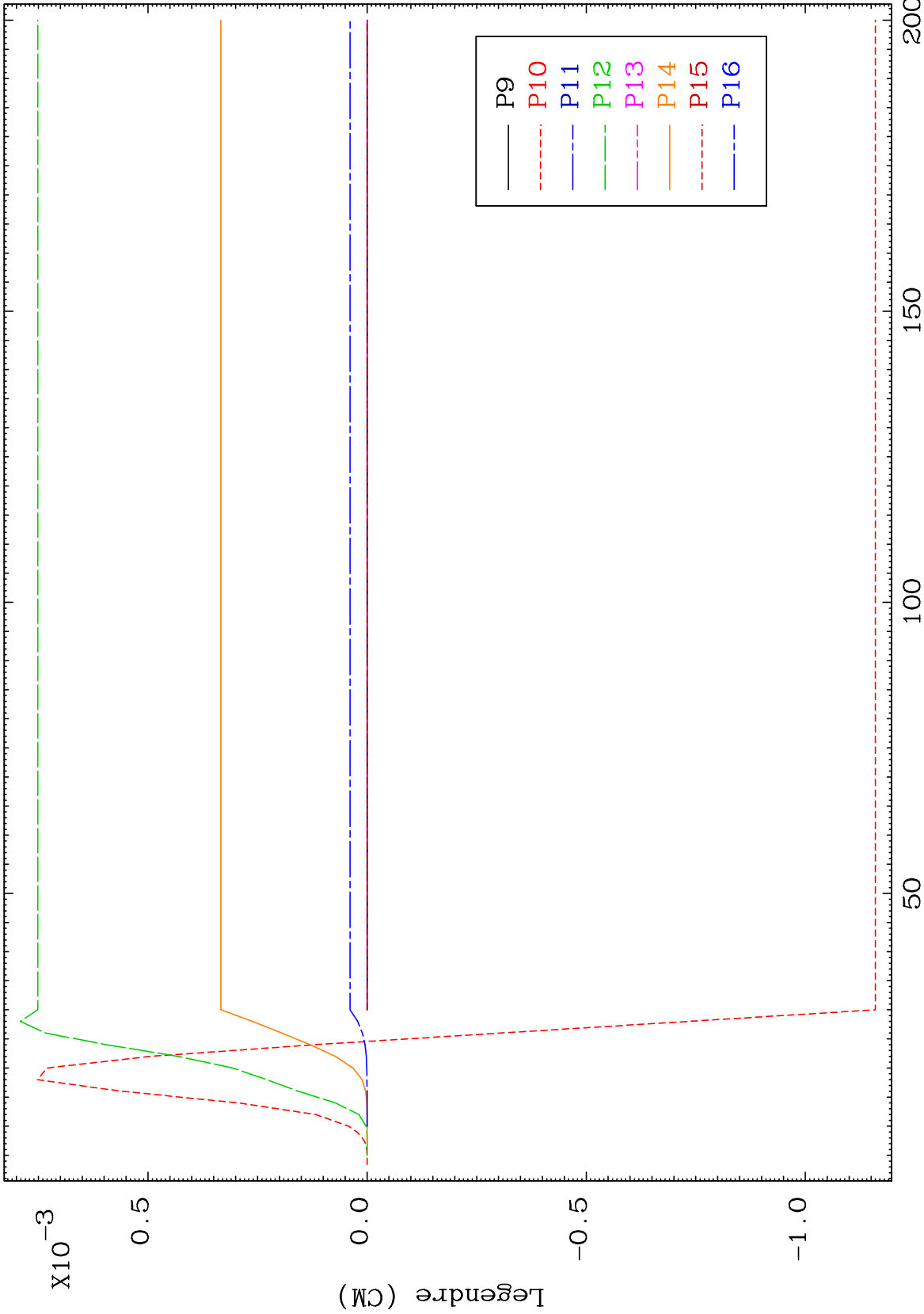
100

150

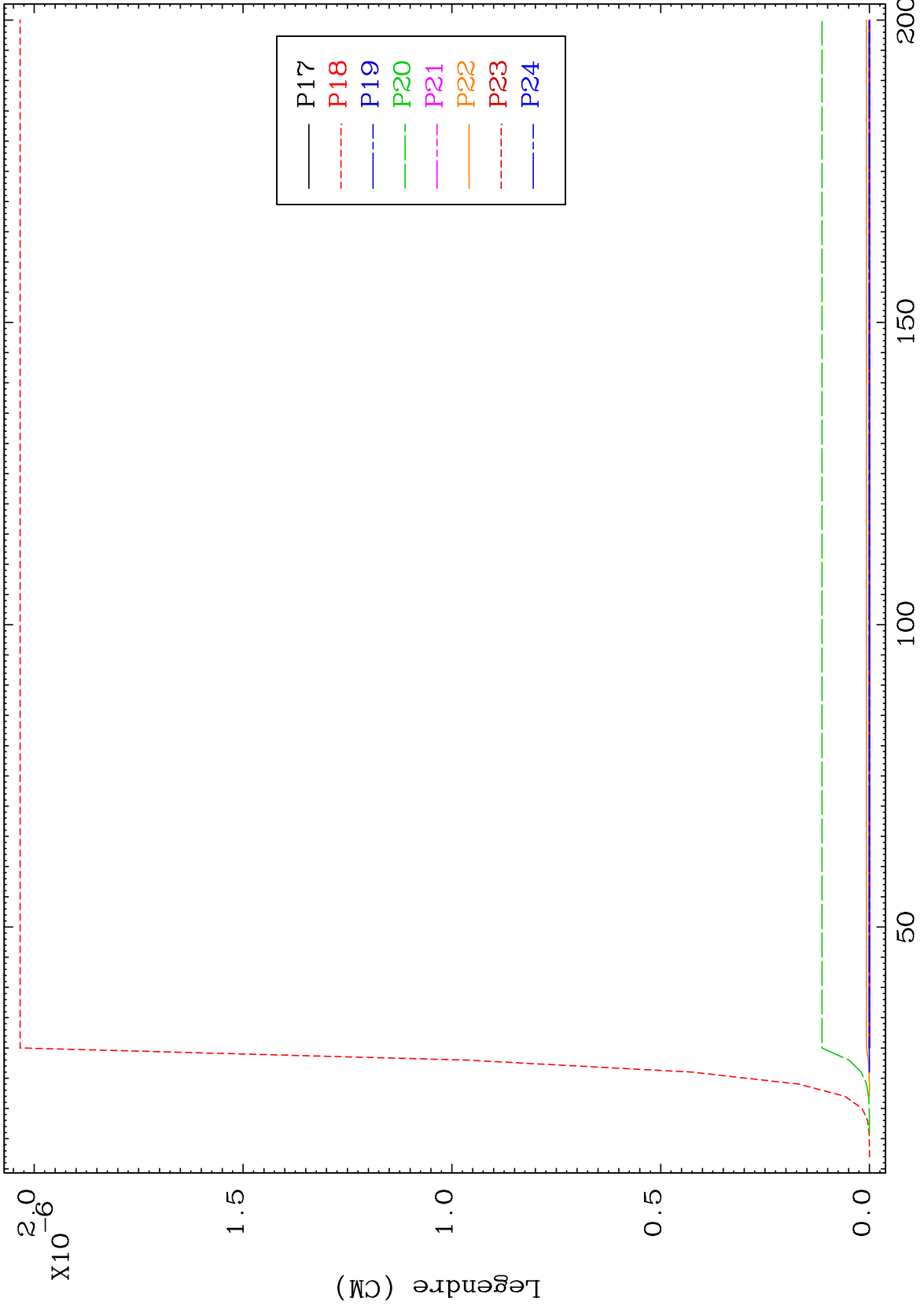
200

Legendre (CM)

Incident Energy (MeV)



MAT 3619 MT= 78 (n,n') Level Legendre Coefficients 36-Kr-76



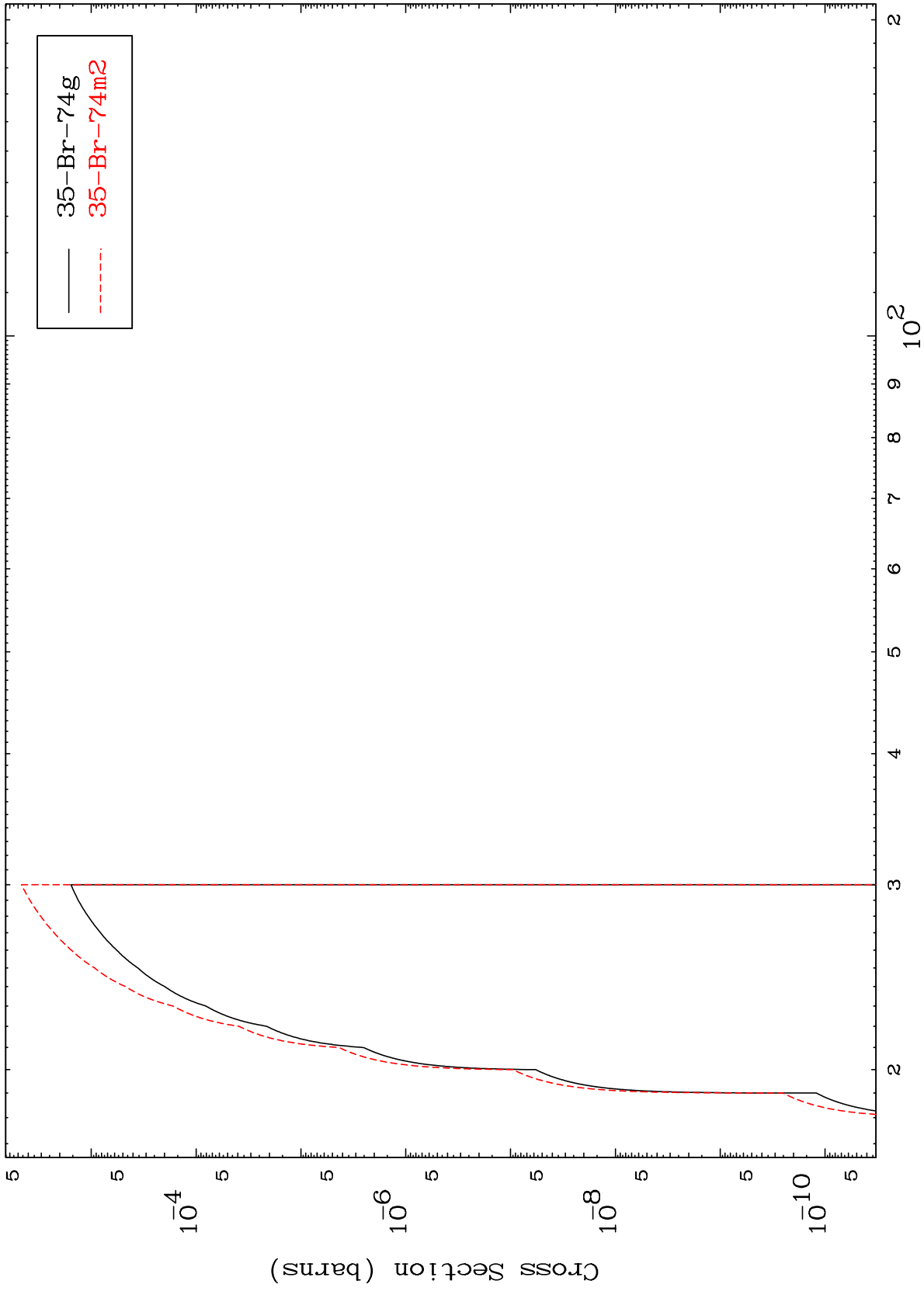
114 36-Kr-76

MAT 3619

(n,n') d

36-Kr-76

Radionuclide Production Cross Section



115

Incident Energy (MeV)

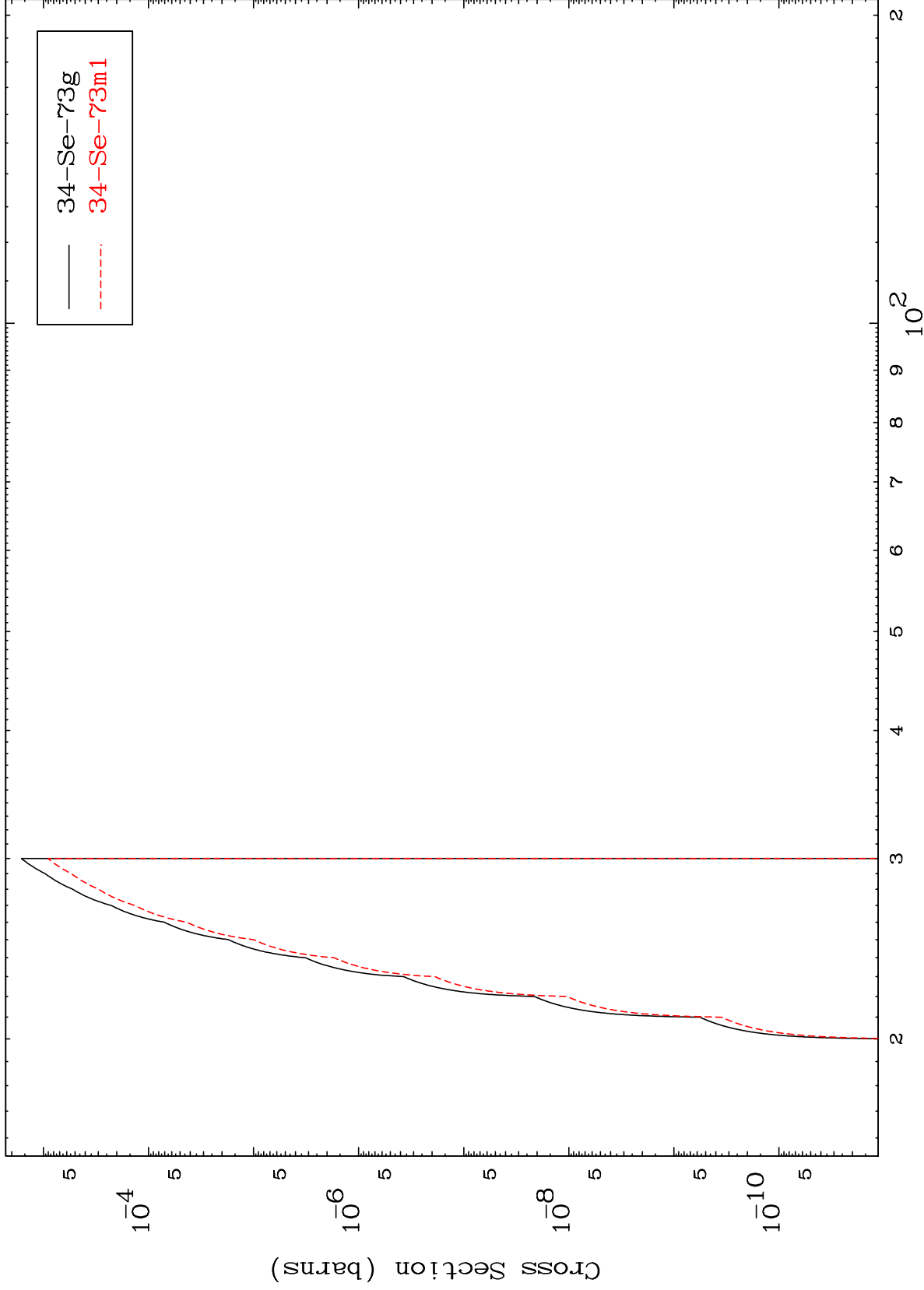
36-Kr-76

MAT 3619

(n, n') He-3

36-Kr-76

Radionuclide Production Cross Section



116

Incident Energy (MeV)

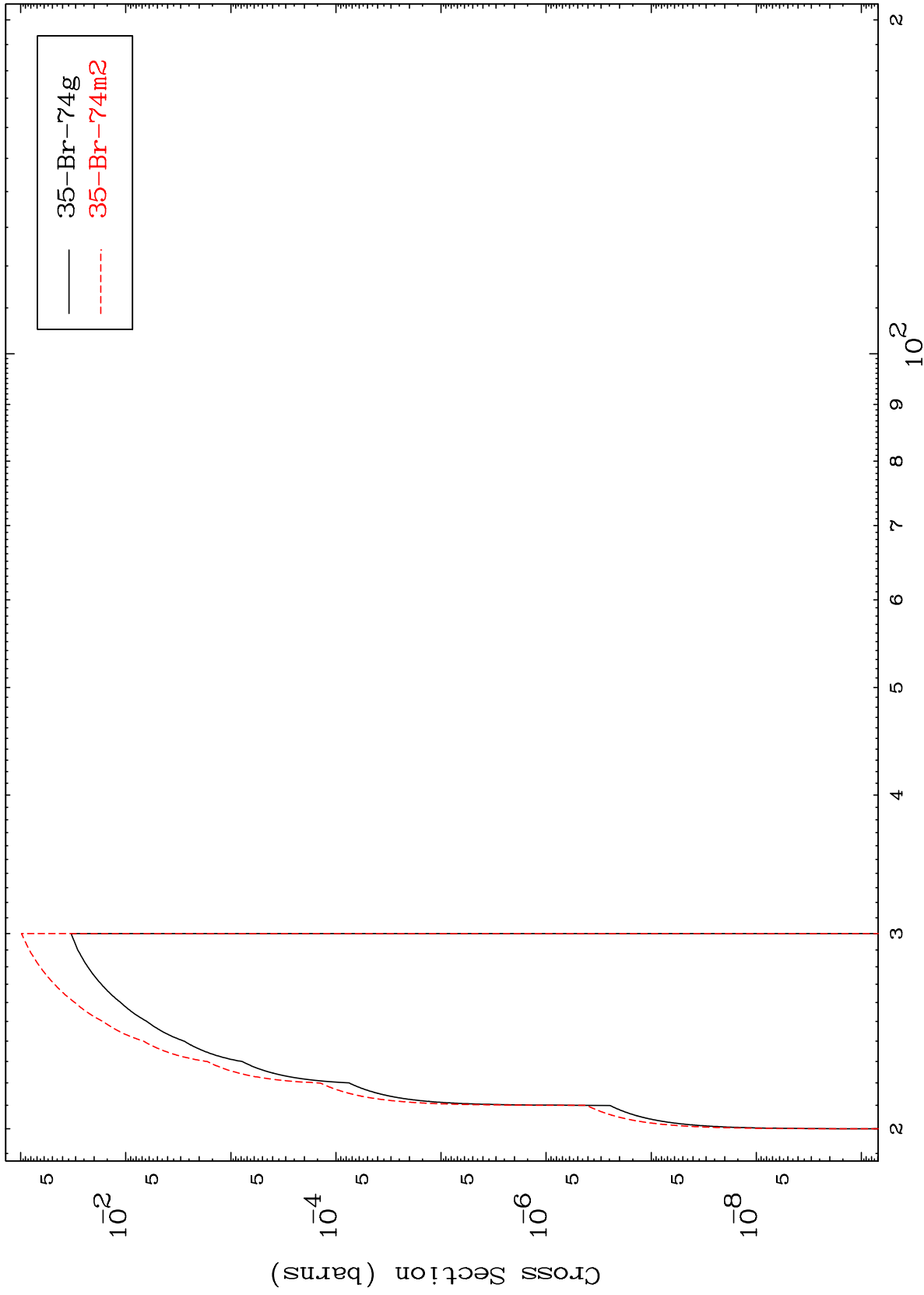
36-Kr-76

MAT 3619

(n,2n) p

36-Kr-76

Radionuclide Production Cross Section



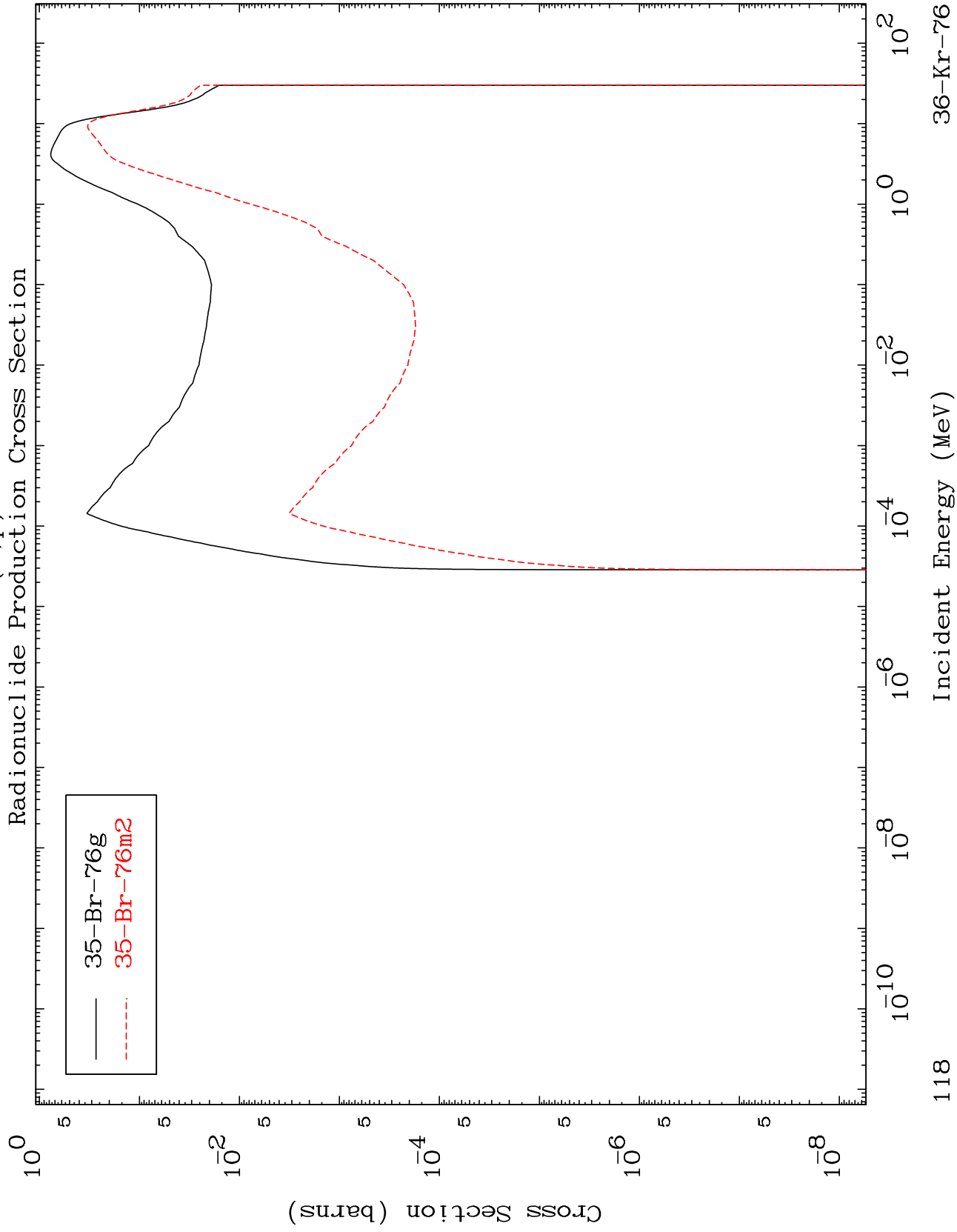
117

Incident Energy (MeV)

36-Kr-76

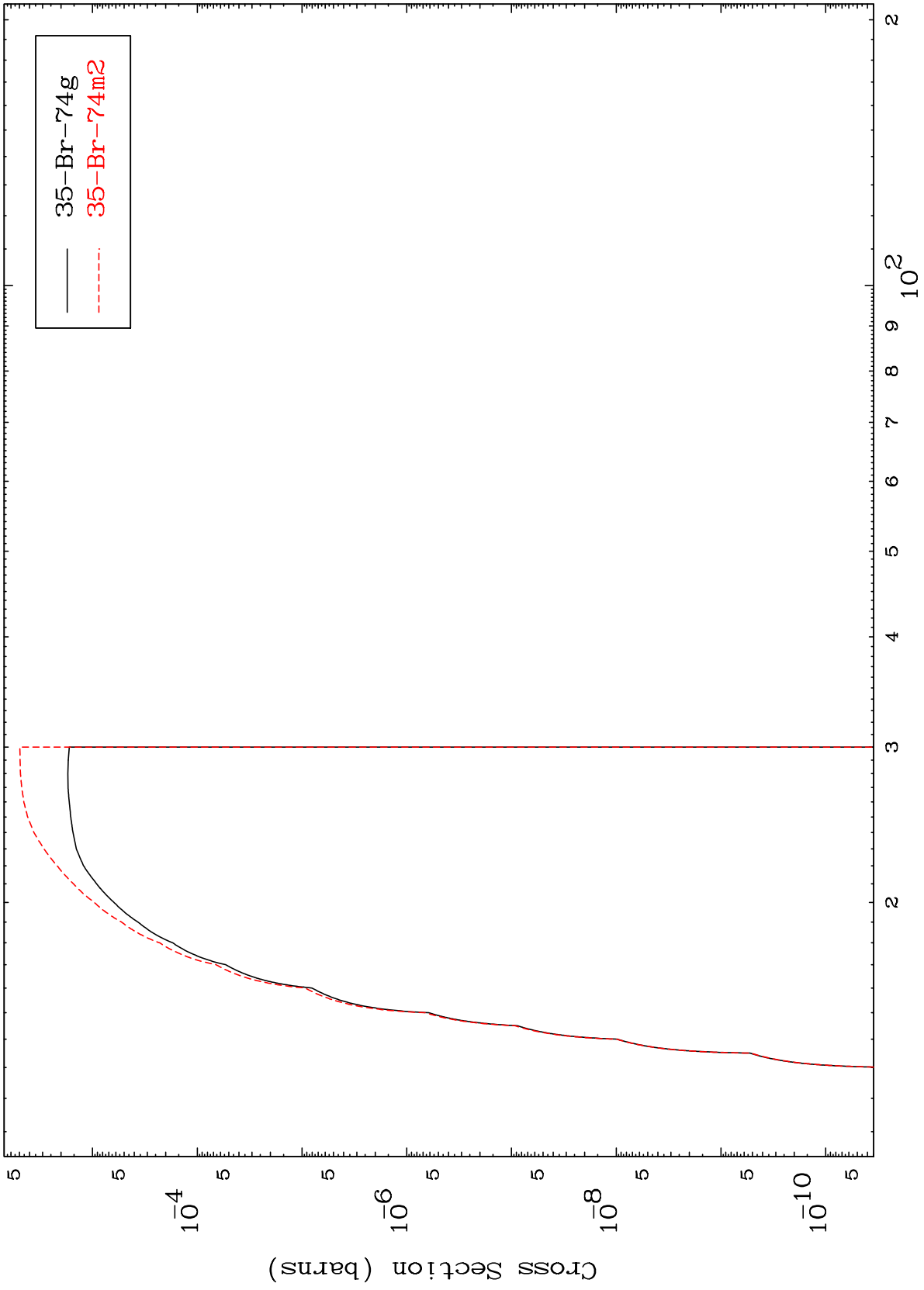
MAT 3619

<sup>36</sup>Kr-76



— 35-Br-76g  
- - - 35-Br-76m2

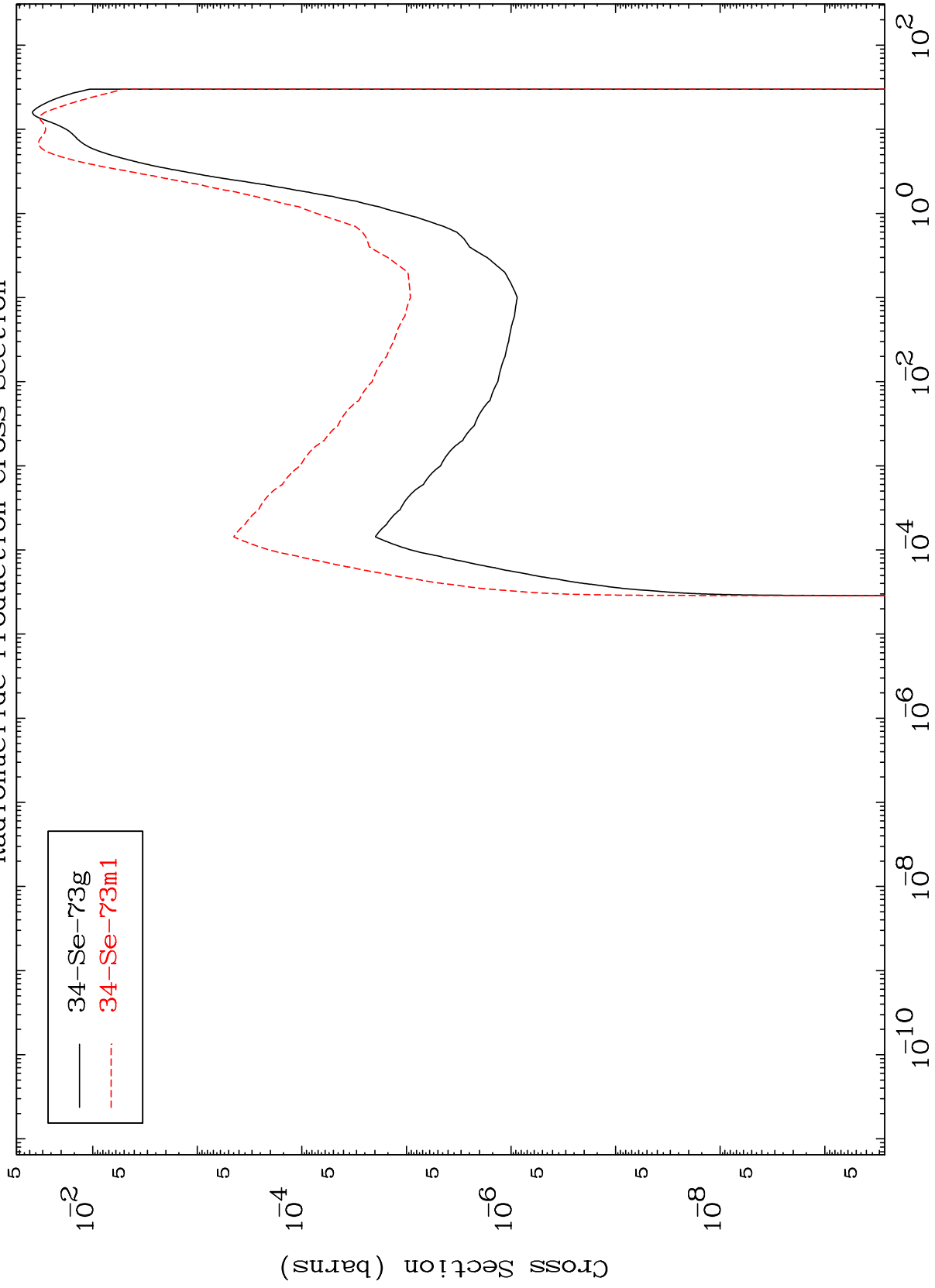
(n, t)  
Radionuclide Production Cross Section



MAT 3619

<sup>36</sup>Kr-76

Radionuclide Production Cross Section



— 34-Se-73g  
- - - 34-Se-73m1

120

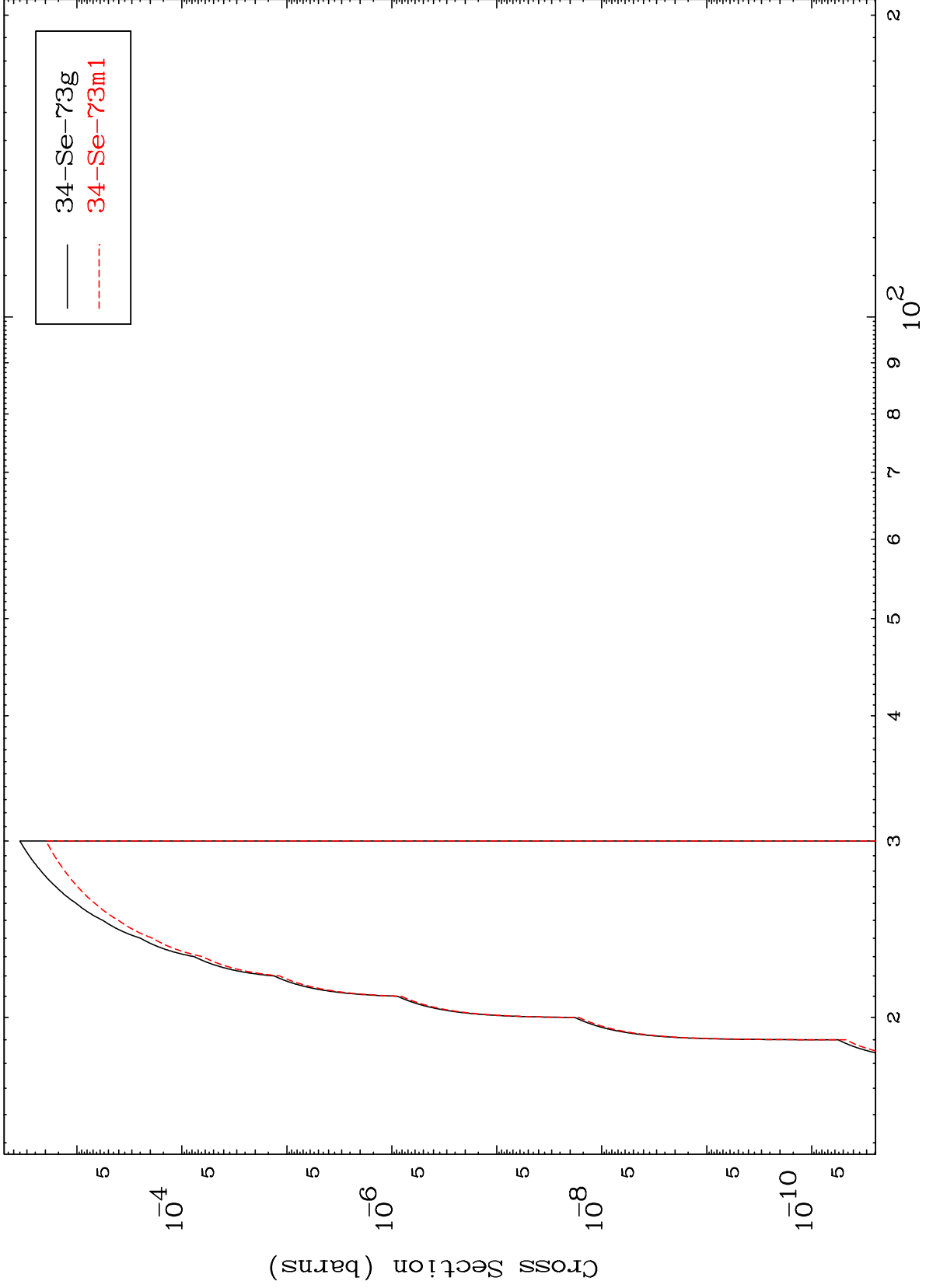
<sup>36</sup>Kr-76

MAT 3619

(n,p) t

36-Kr-76

Radionuclide Production Cross Section



121

Incident Energy (MeV)

36-Kr-76