

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

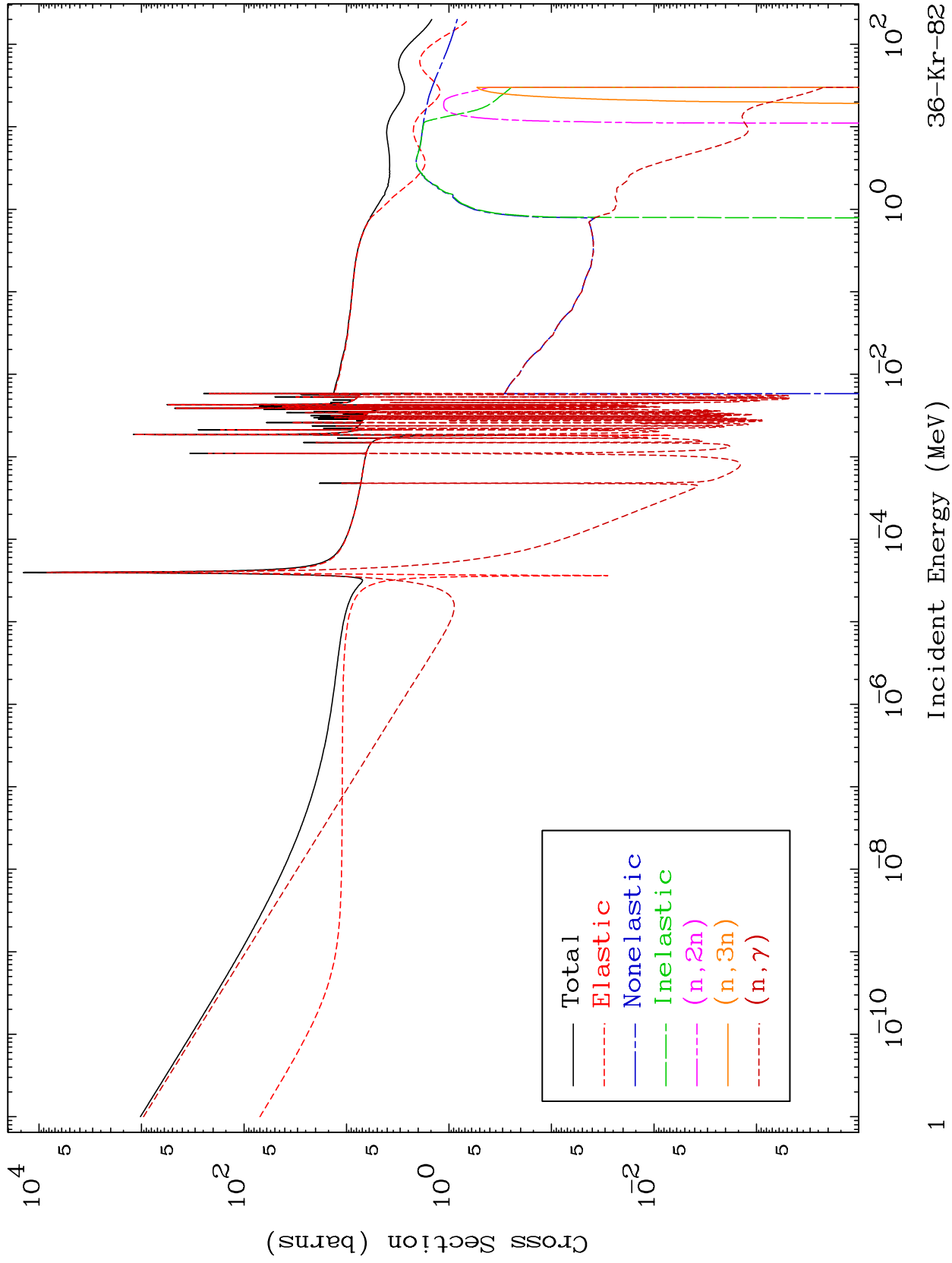
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3637

Neutron Major  
293 Kelvin Cross Sections

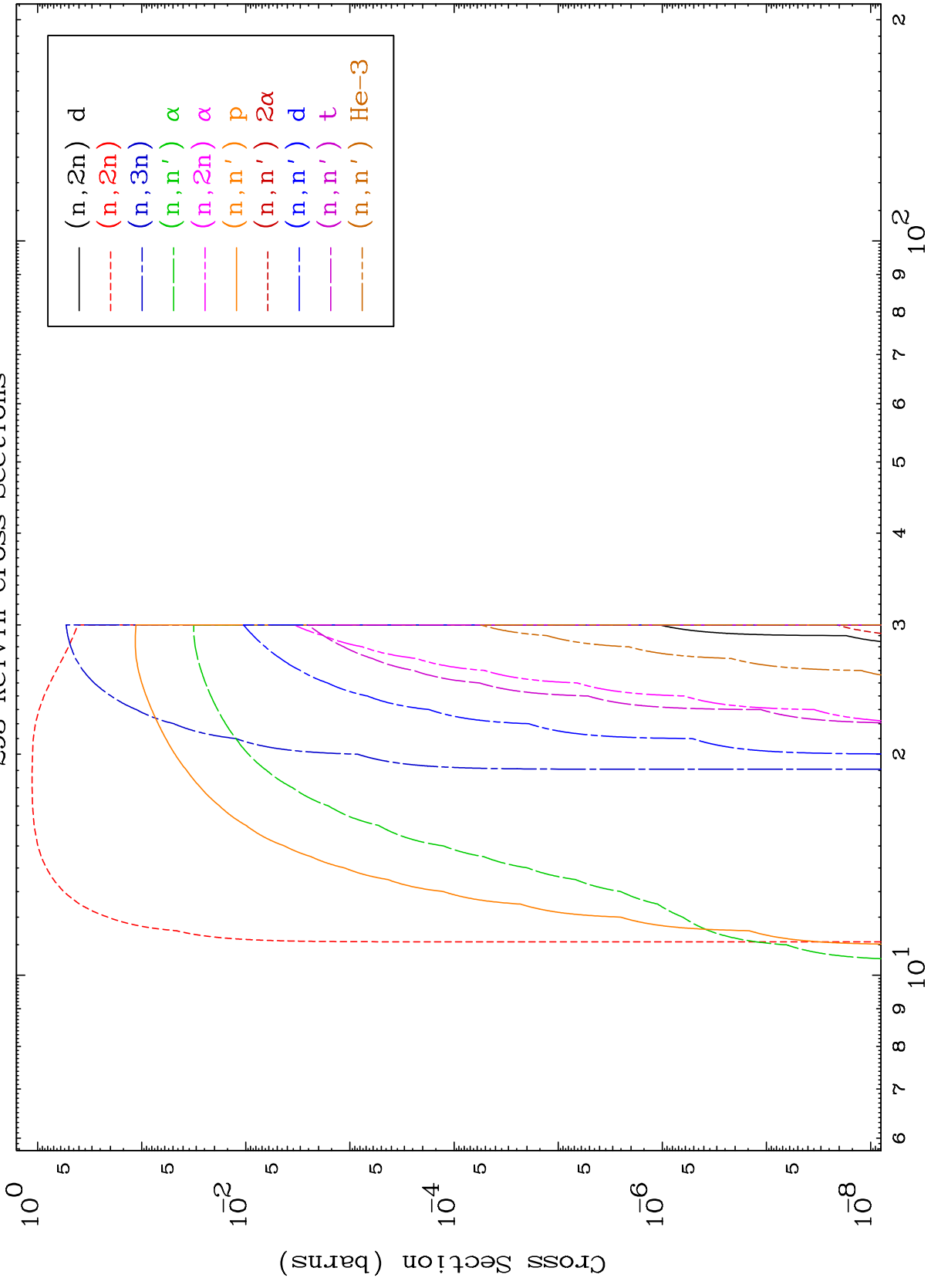
36-Kr-82



MAT 3637

Neutron Absorption  
293 Kelvin Cross Sections

36-Kr-82



2

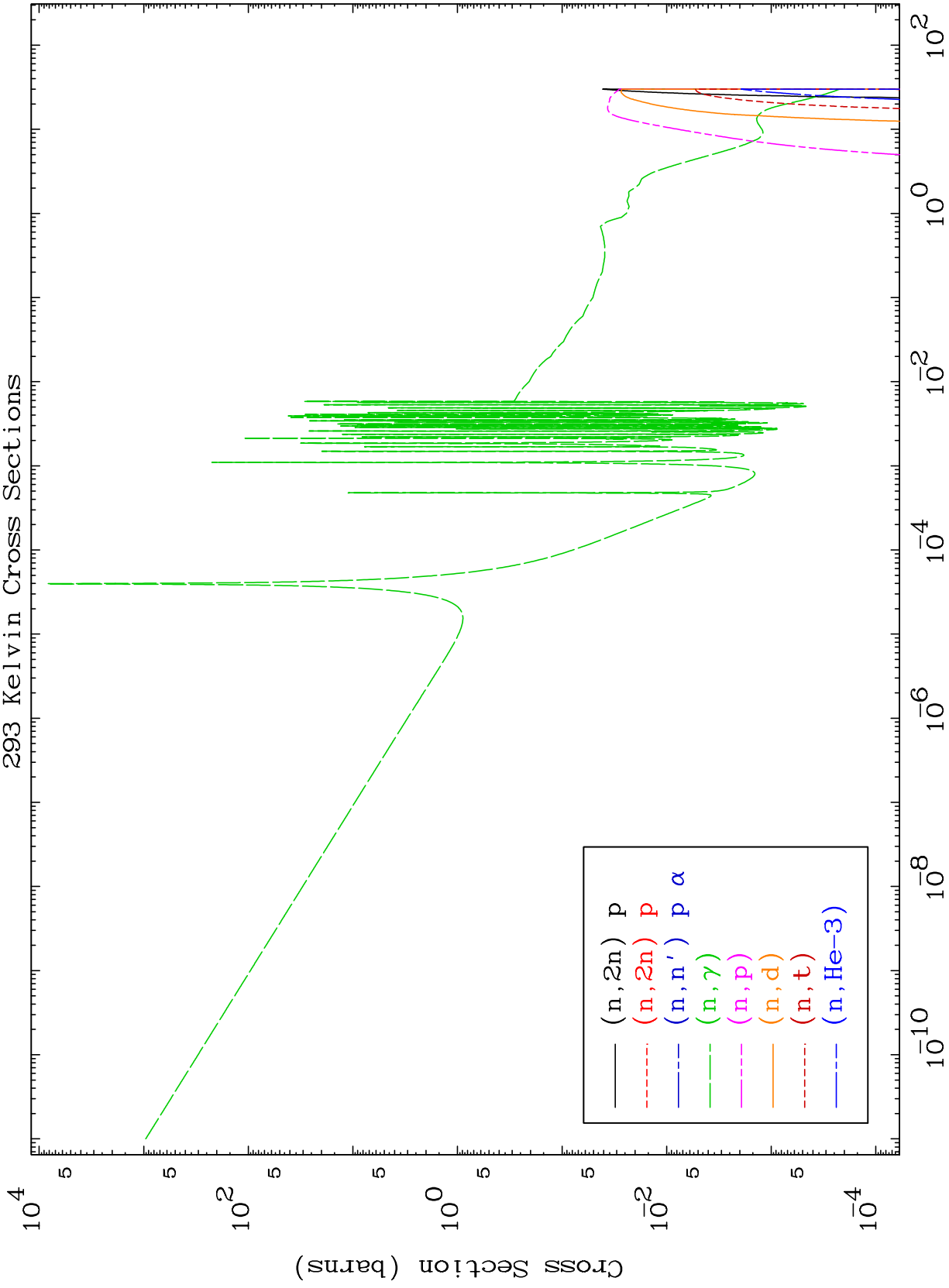
Incident Energy (MeV)

36-Kr-82

MAT 3637

Neutron Absorption  
293 Kelvin Cross Sections

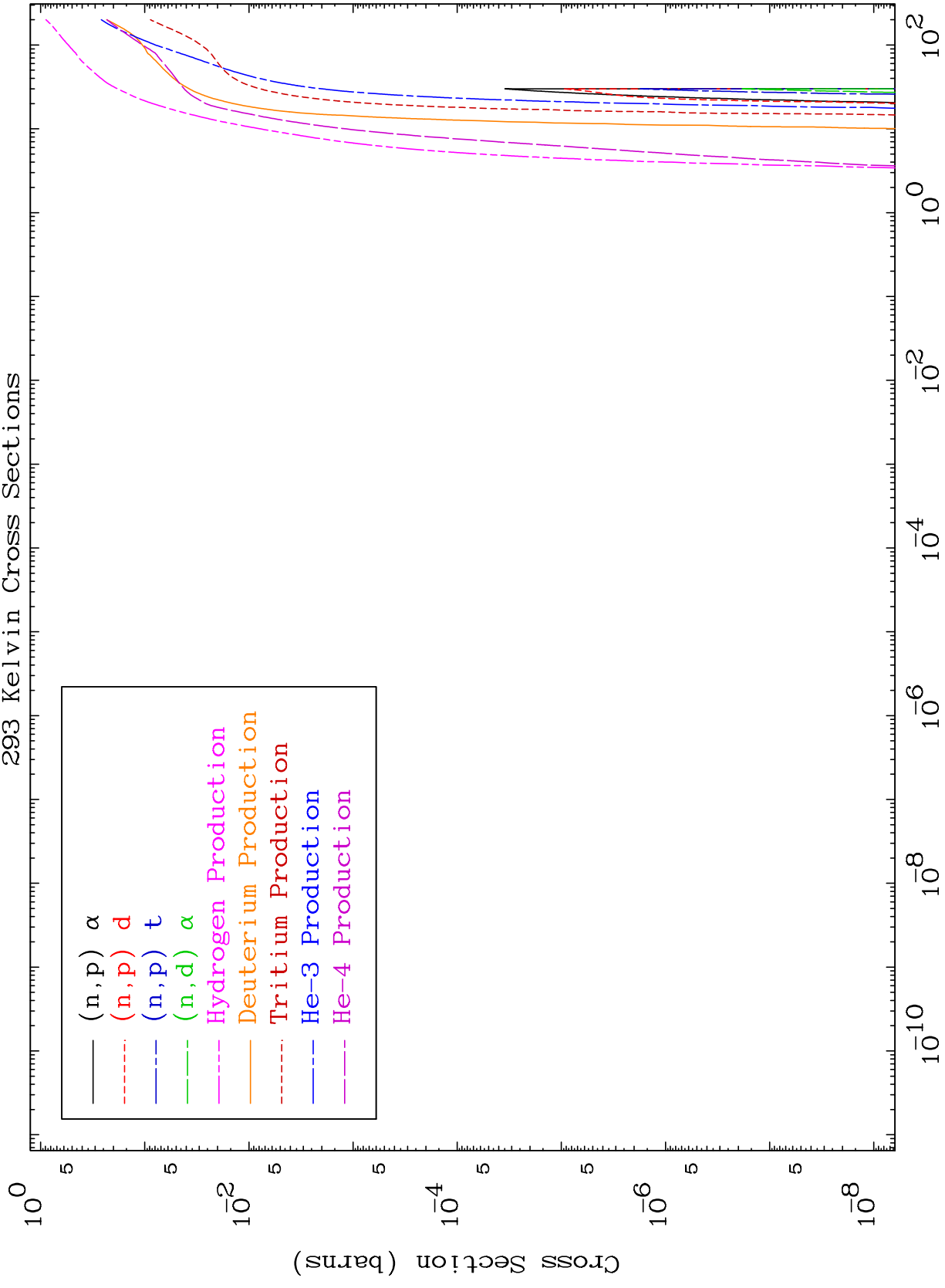
36-Kr-82



MAT 3637

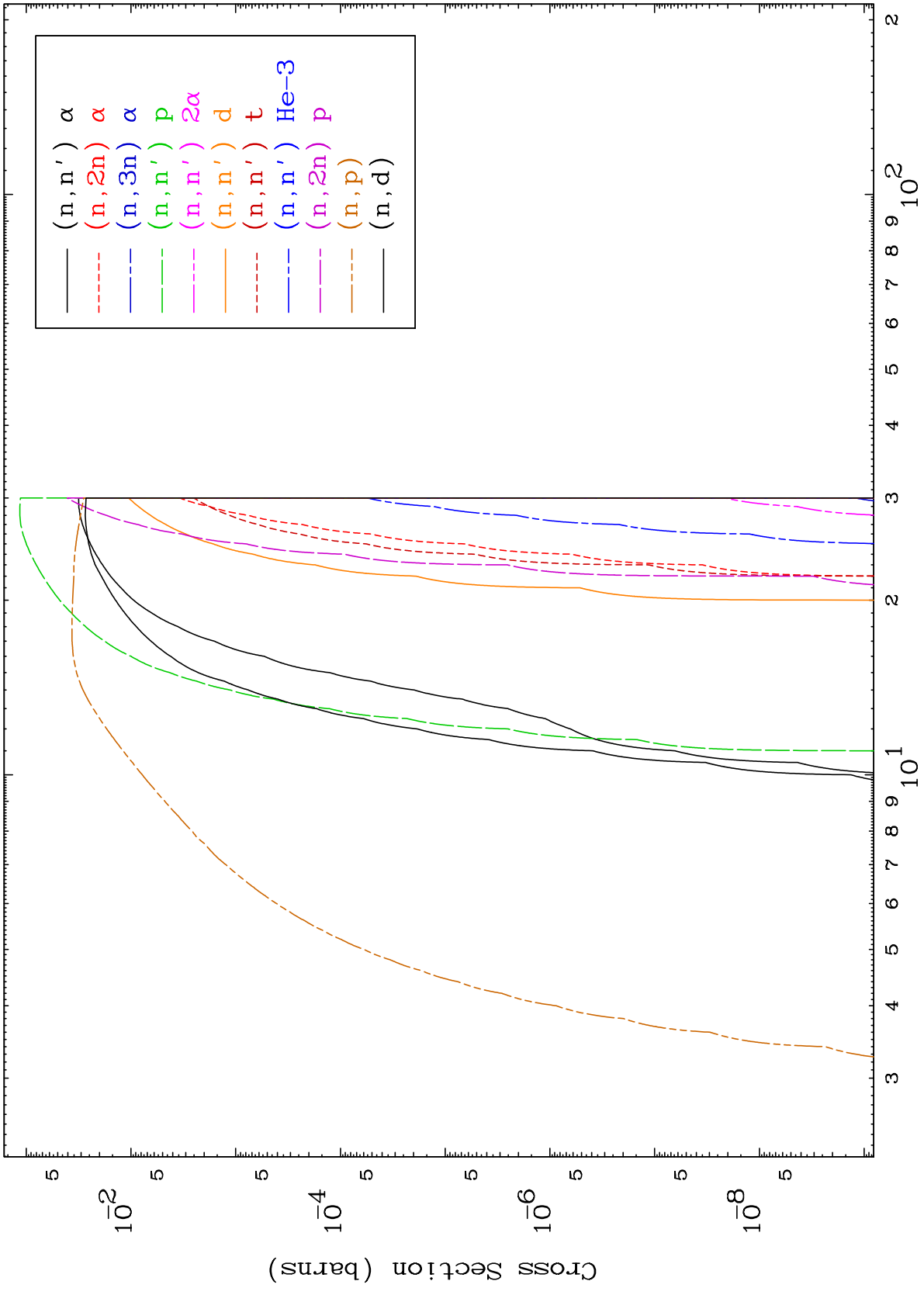
Neutron Absorption  
293 Kelvin Cross Sections

36-Kr-82



36-Kr-82

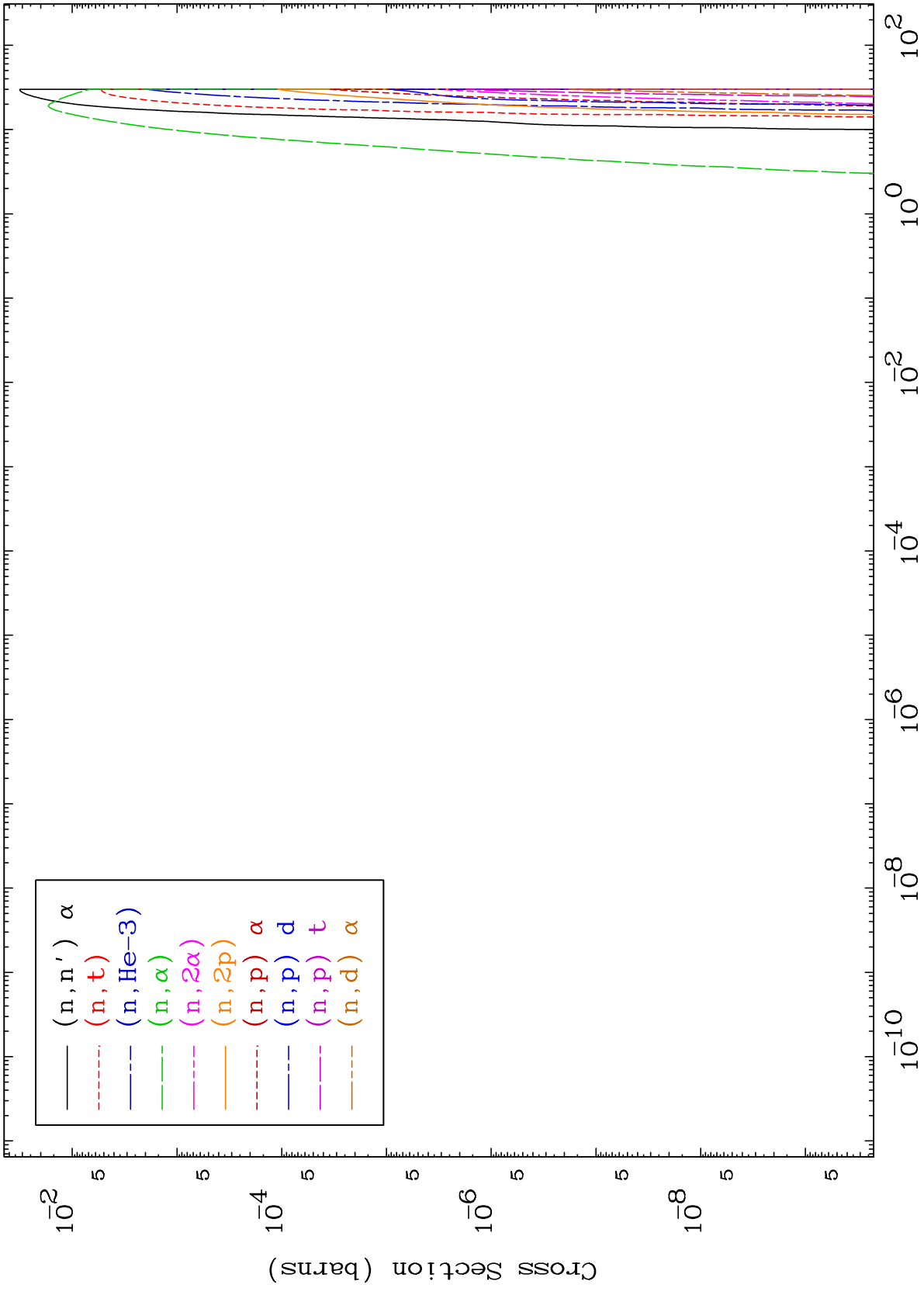
Incident Energy (MeV)



MAT 3637

Charged Particle  
293 Kelvin Cross Sections

36-Kr-82

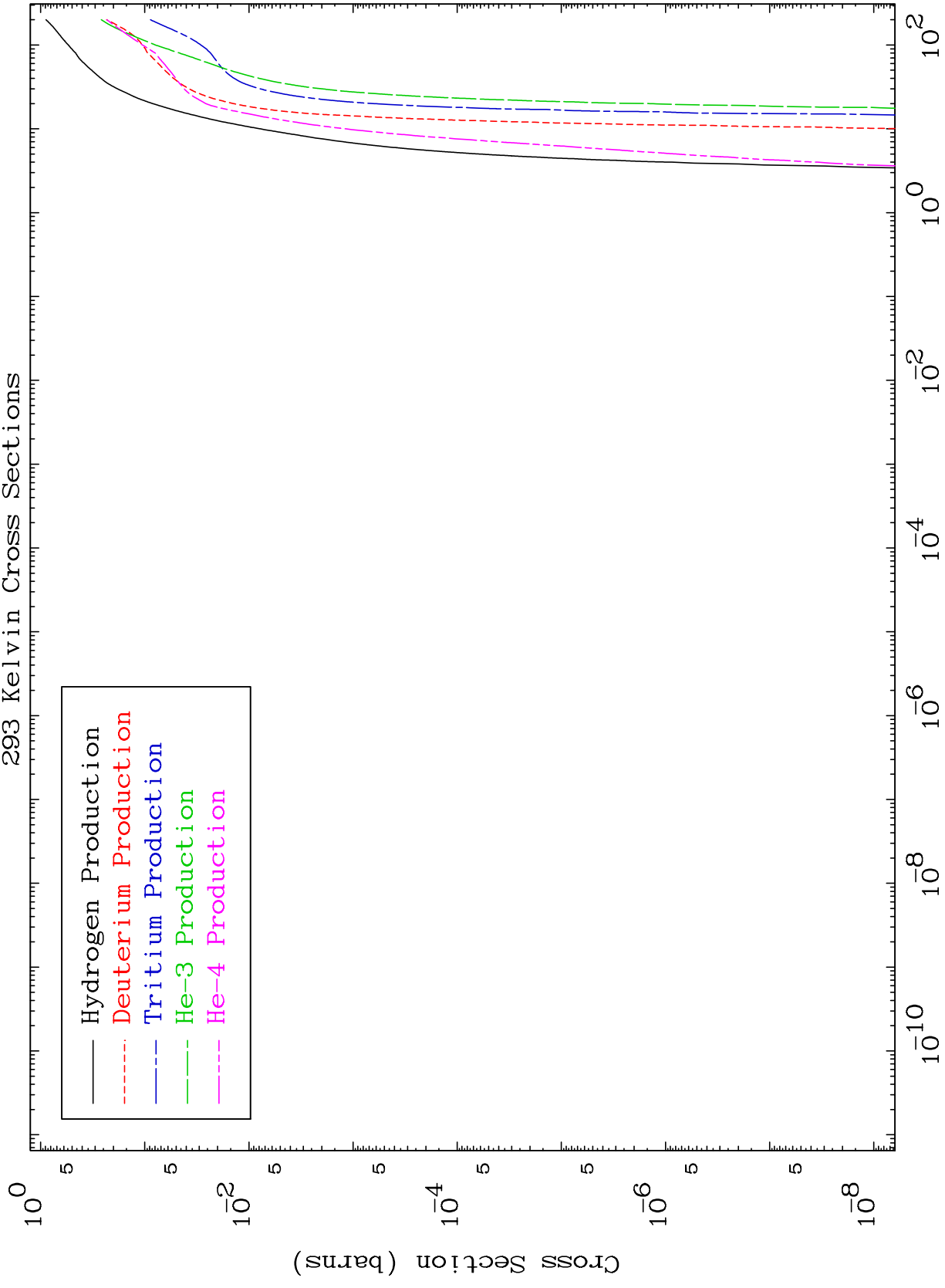


36-Kr-82

MAT 3637

Particle Production  
293 Kelvin Cross Sections

36-Kr-82



7

Incident Energy (MeV)

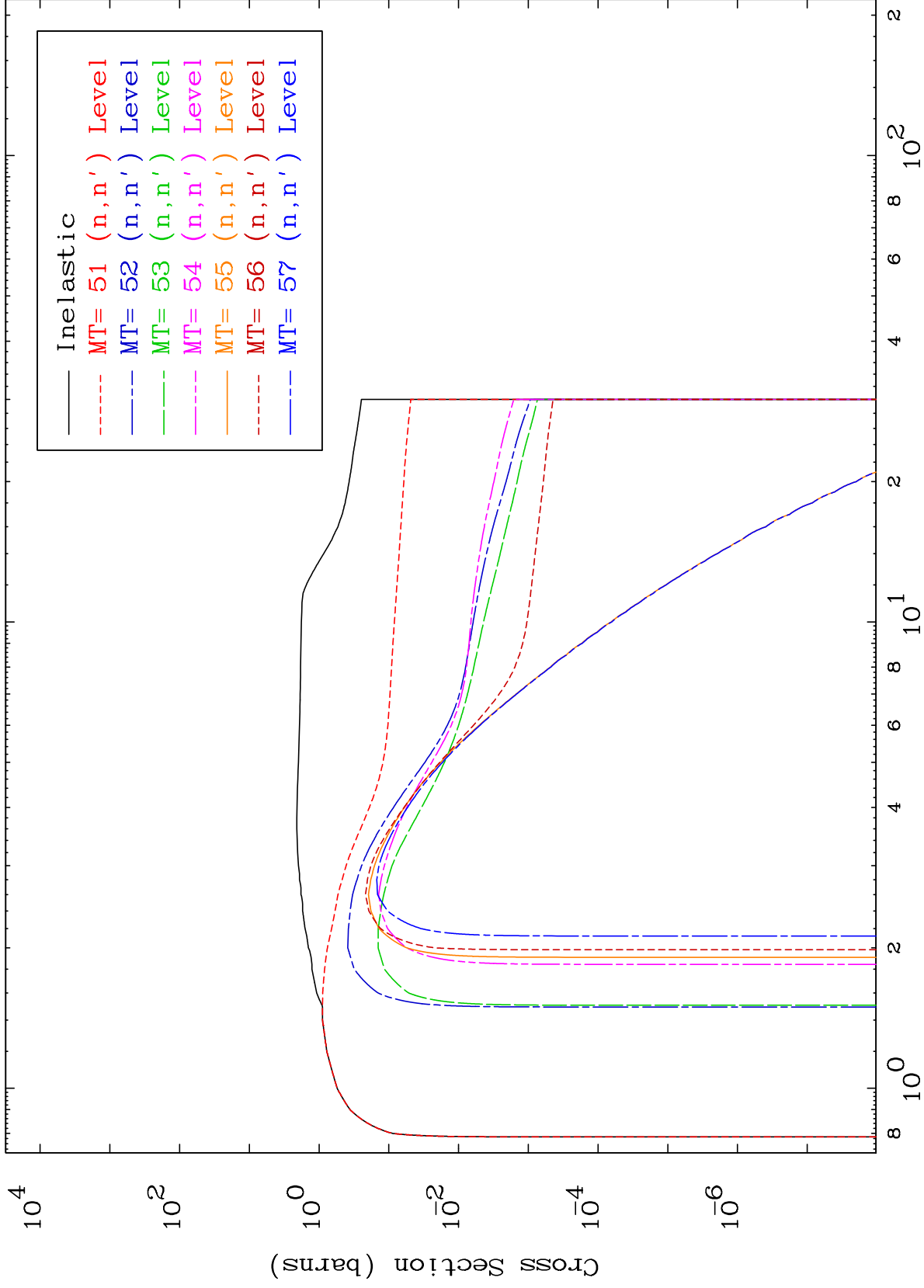
36-Kr-82



MAT 3637

(n,n') Levels  
293 Kelvin Cross Sections

36-Kr-82



8

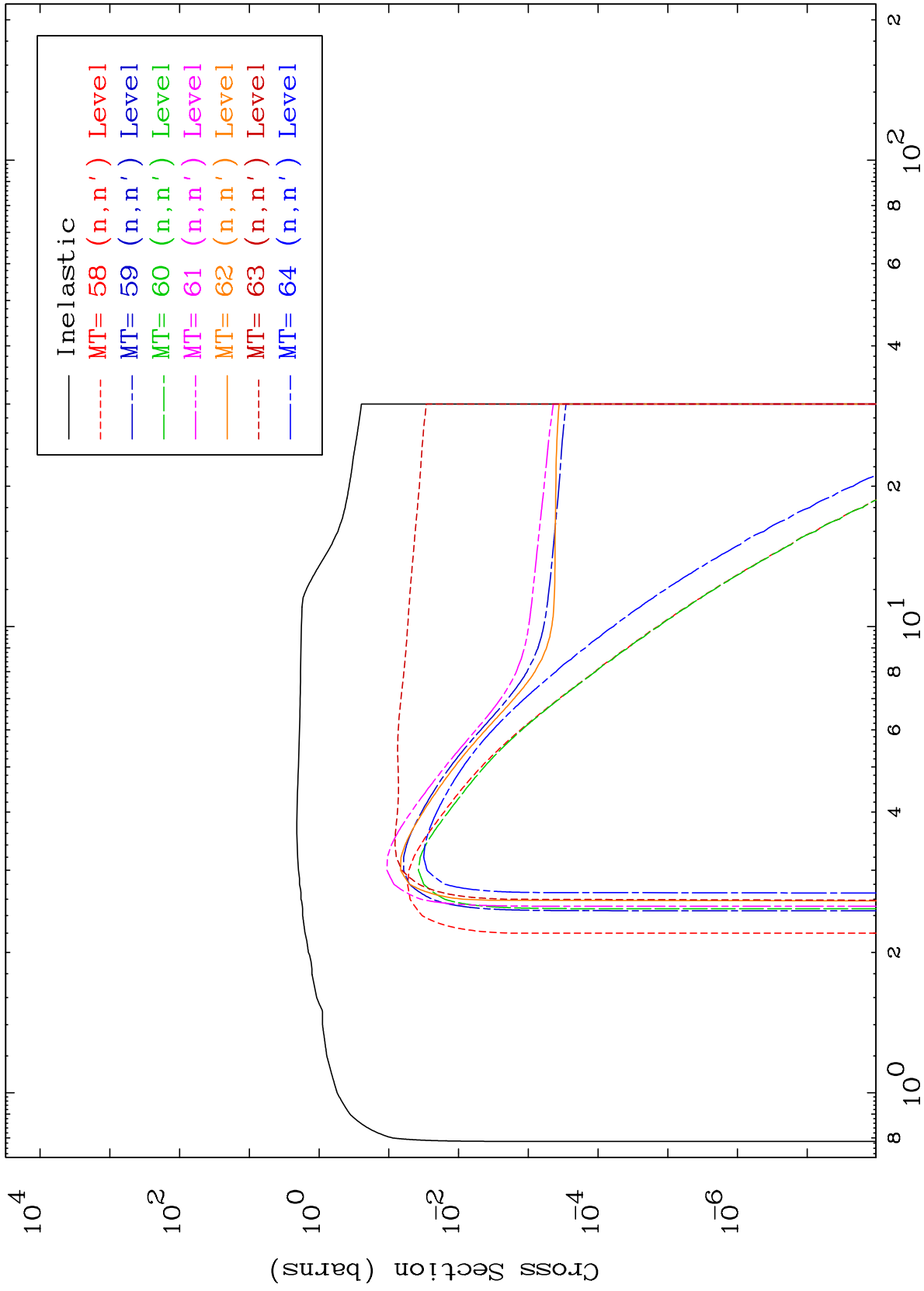
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,n') Levels  
293 Kelvin Cross Sections

36-Kr-82



9

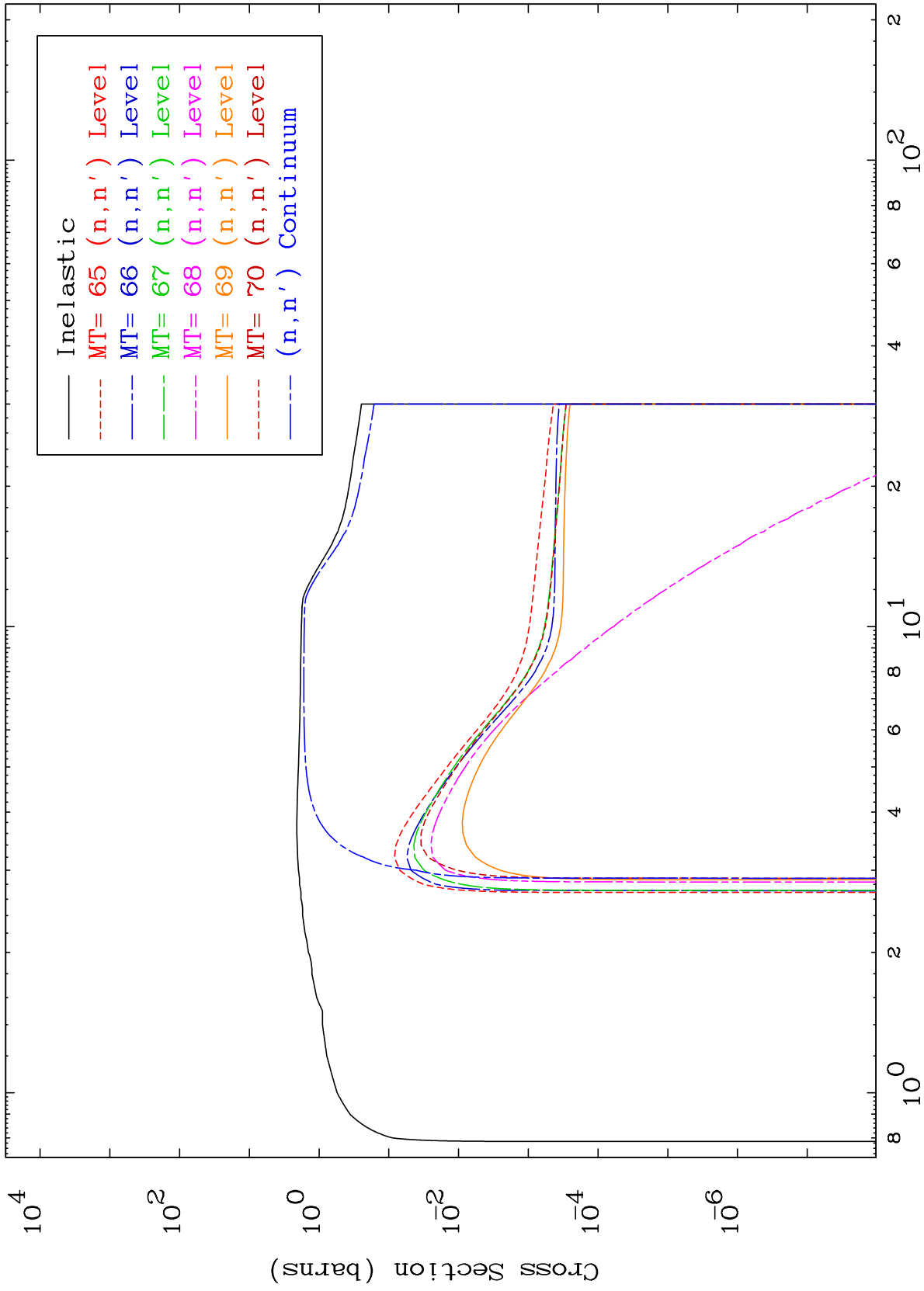
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,n') Levels  
293 Kelvin Cross Sections

36-Kr-82



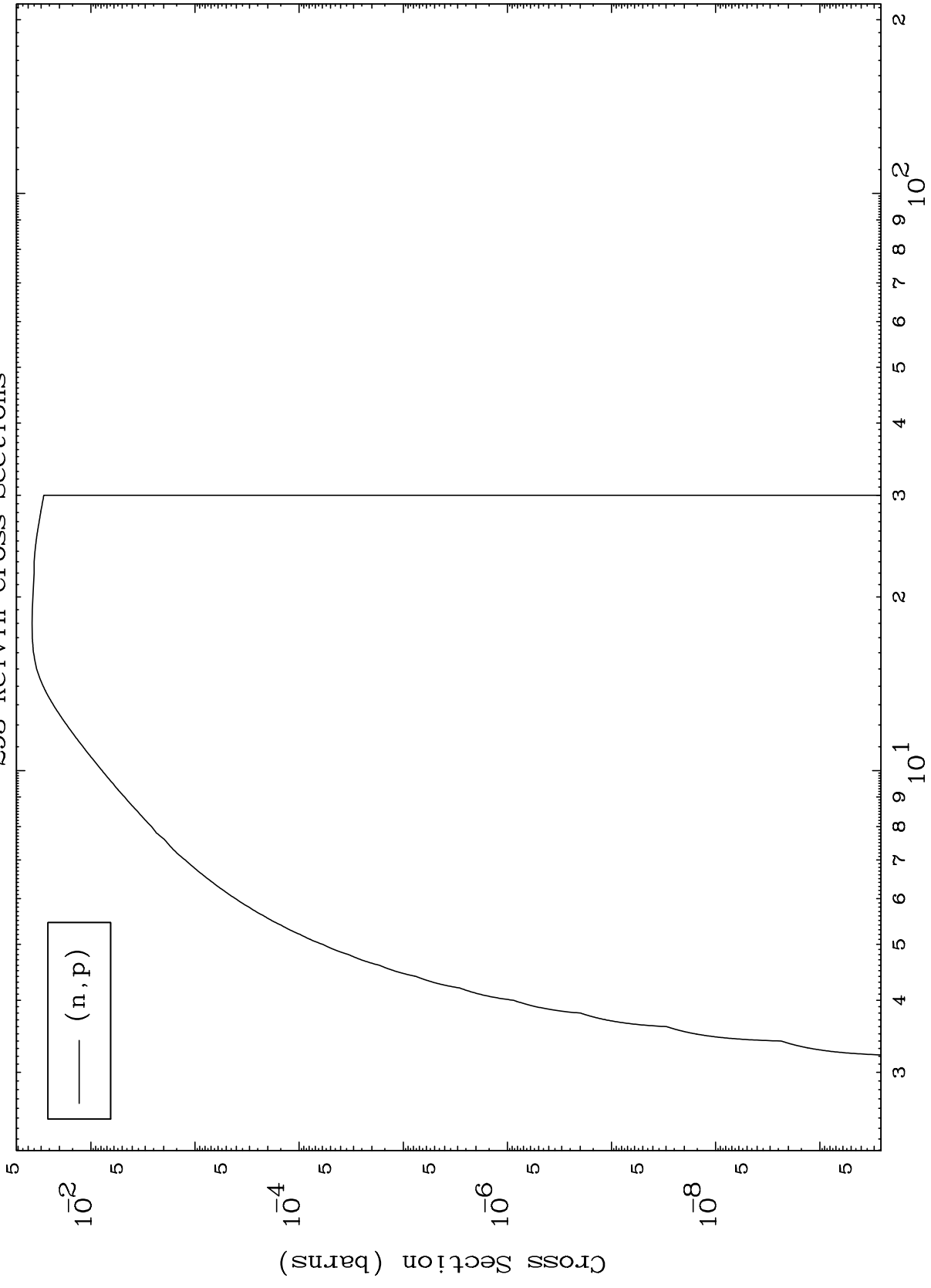
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,p) Levels  
293 Kelvin Cross Sections

36-Kr-82



11

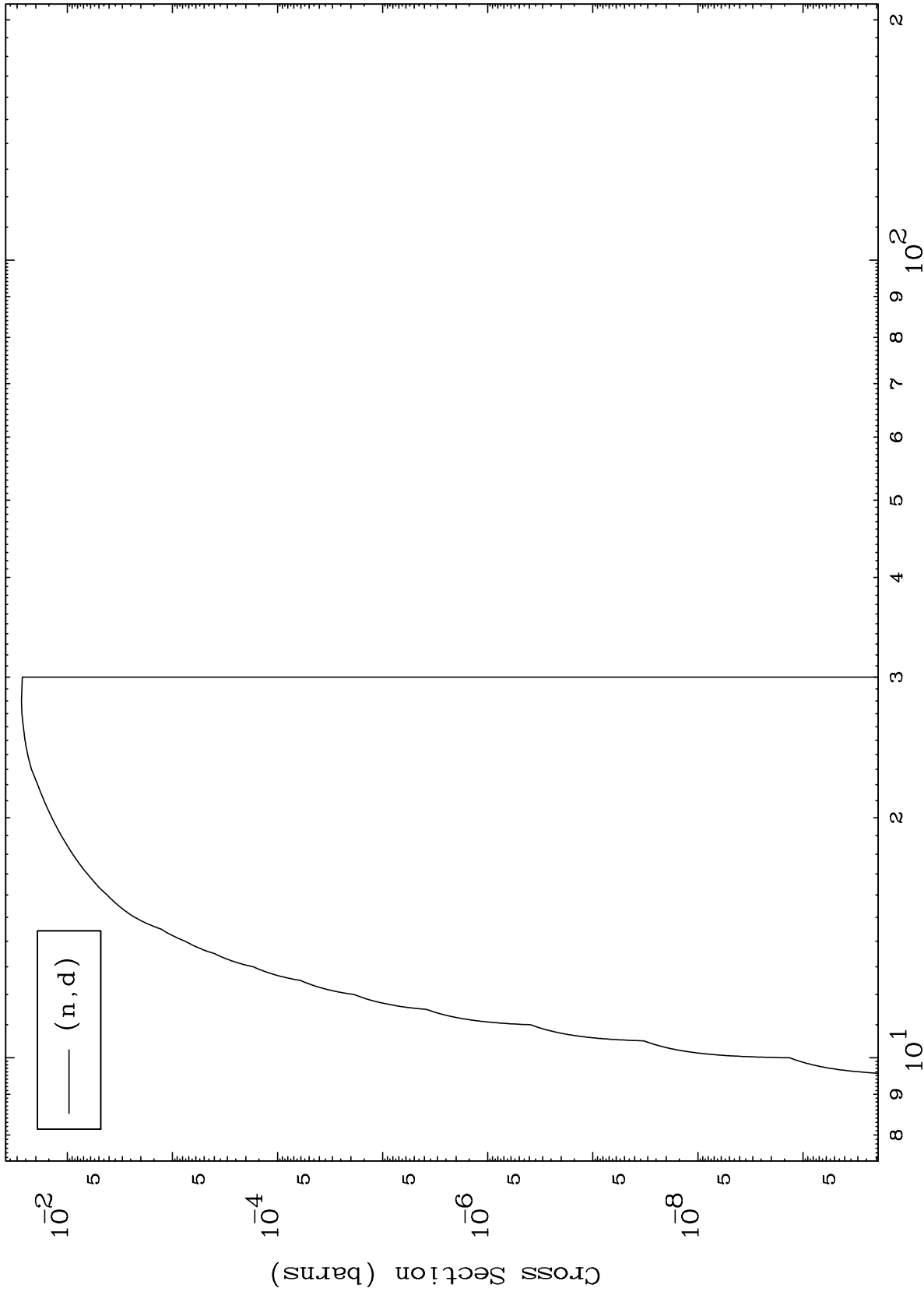
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,d) Levels  
293 Kelvin Cross Sections

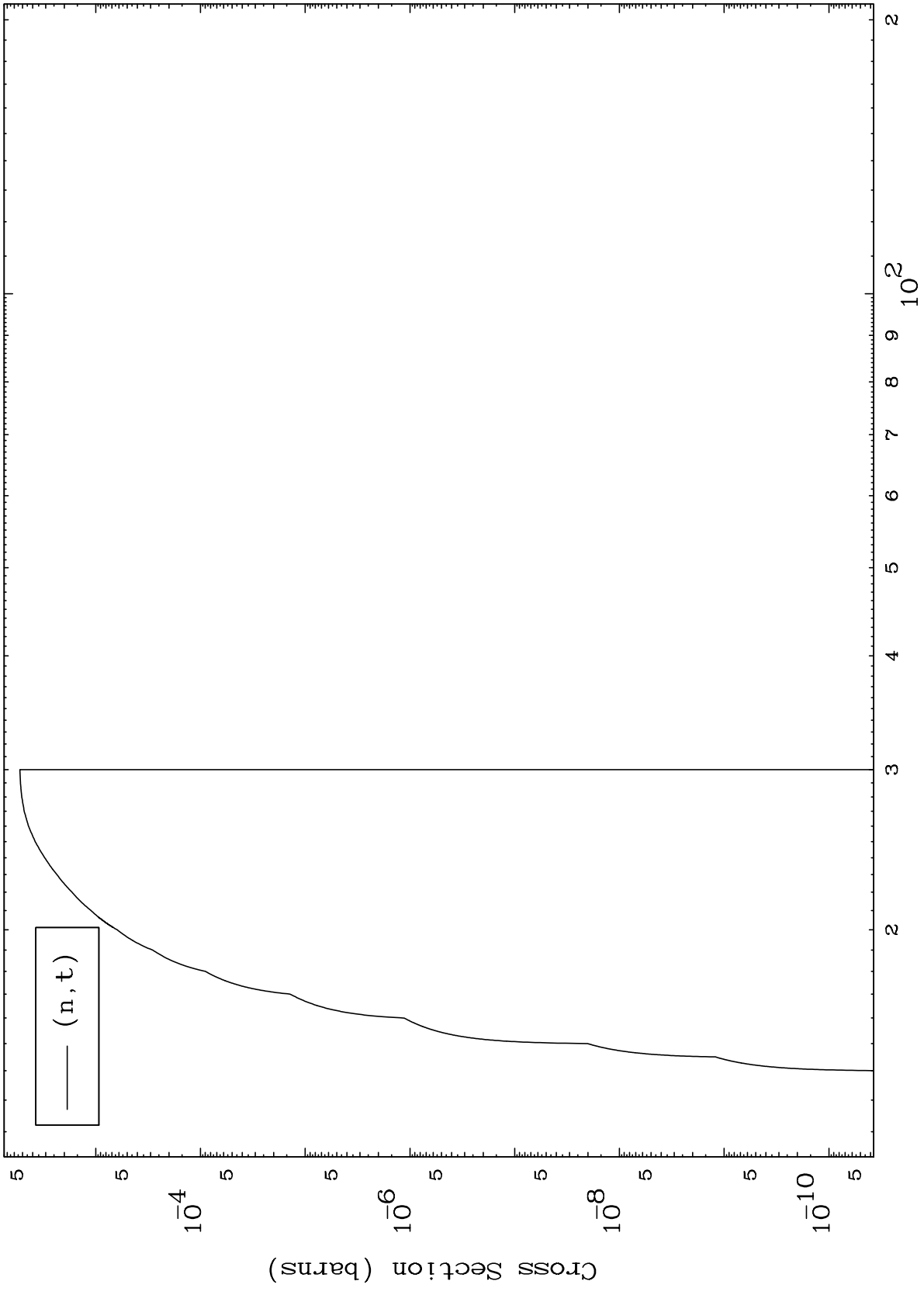
36-Kr-82



12

Incident Energy (MeV)

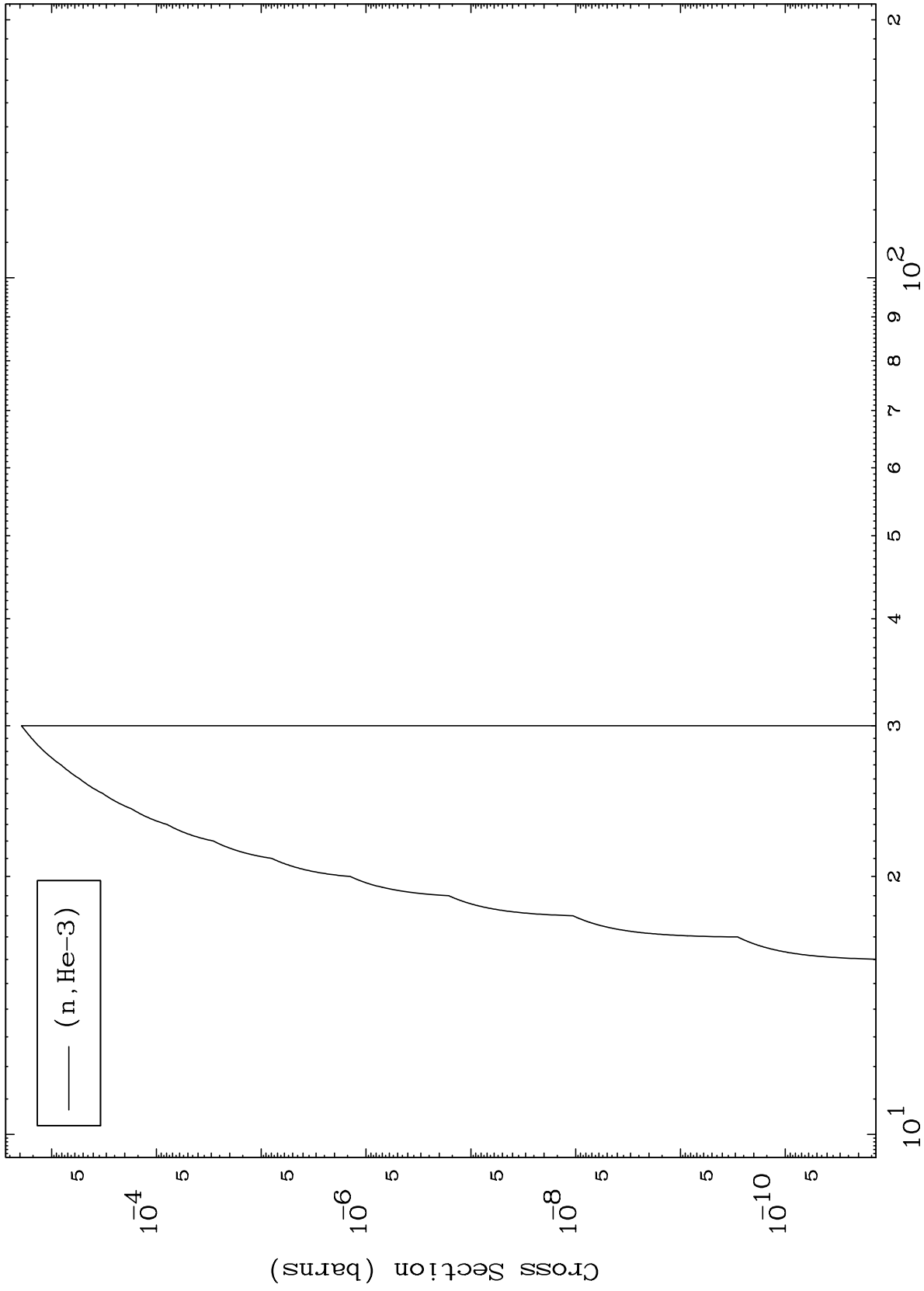
36-Kr-82



MAT 3637

(n,He3) Levels  
293 Kelvin Cross Sections

36-Kr-82



14

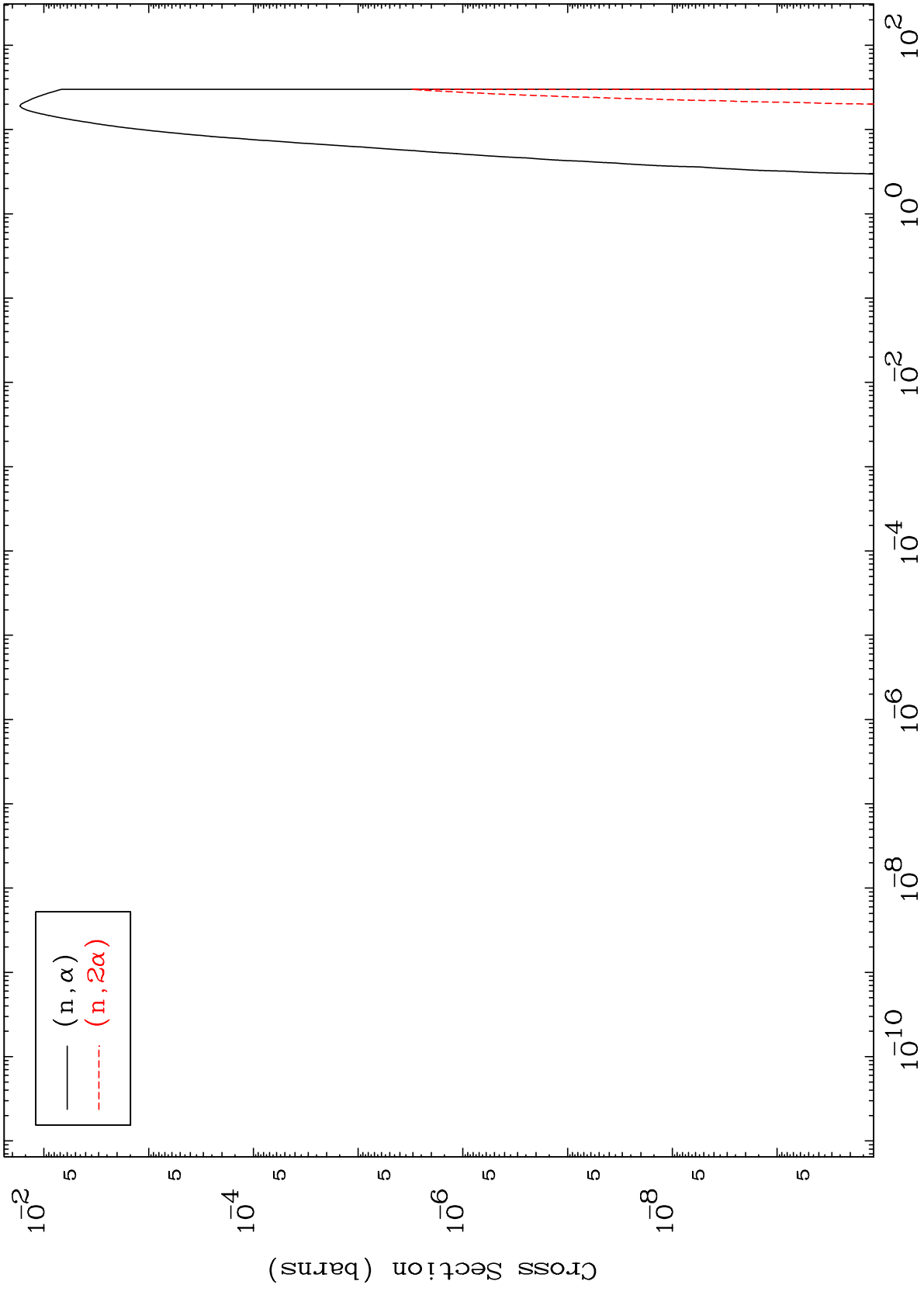
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,α) Levels  
293 Kelvin Cross Sections

36-Kr-82



15

Incident Energy (MeV)

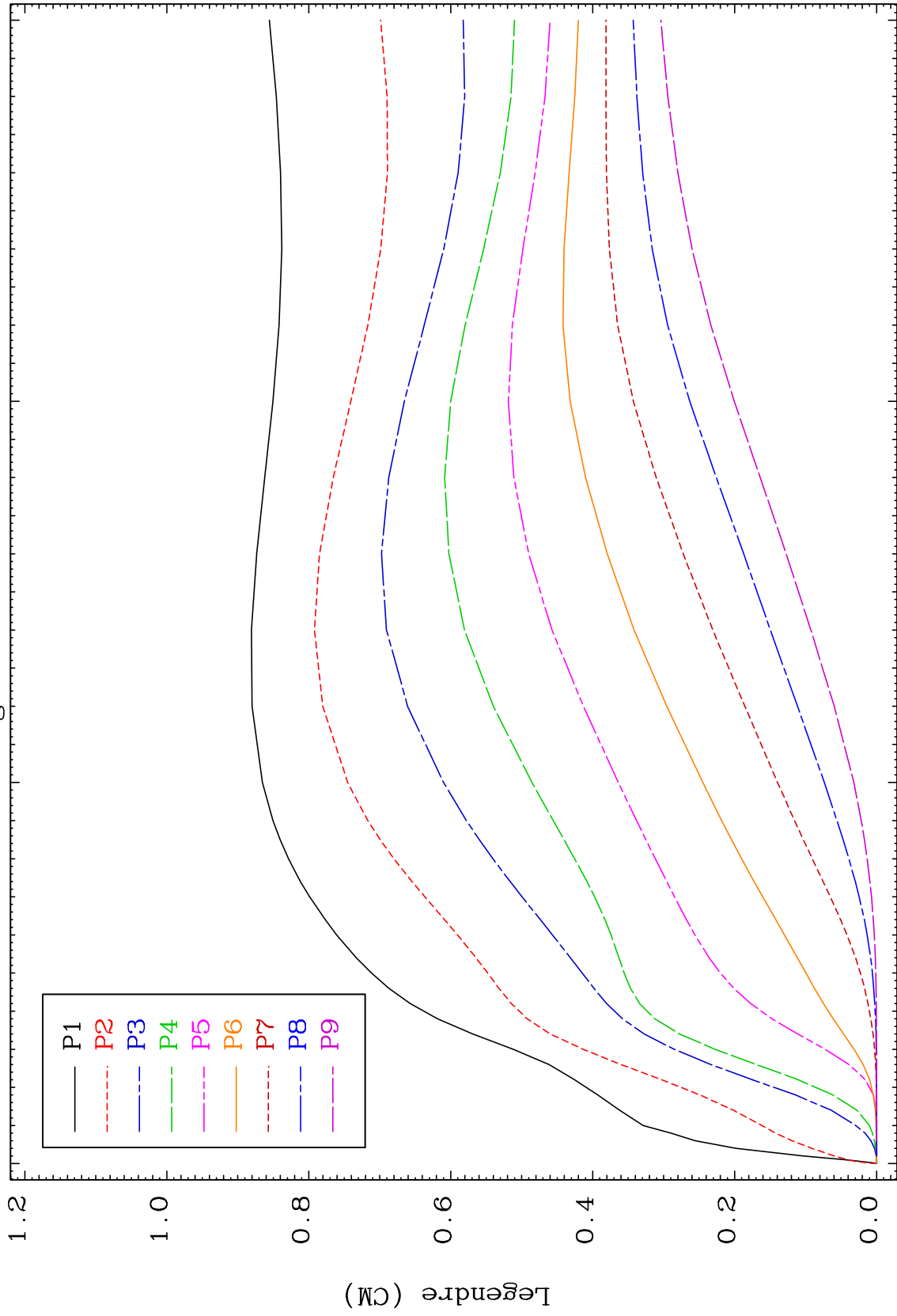
36-Kr-82



MAT 3637

Elastic Legendre Coefficients

<sup>36</sup>Kr-82



16

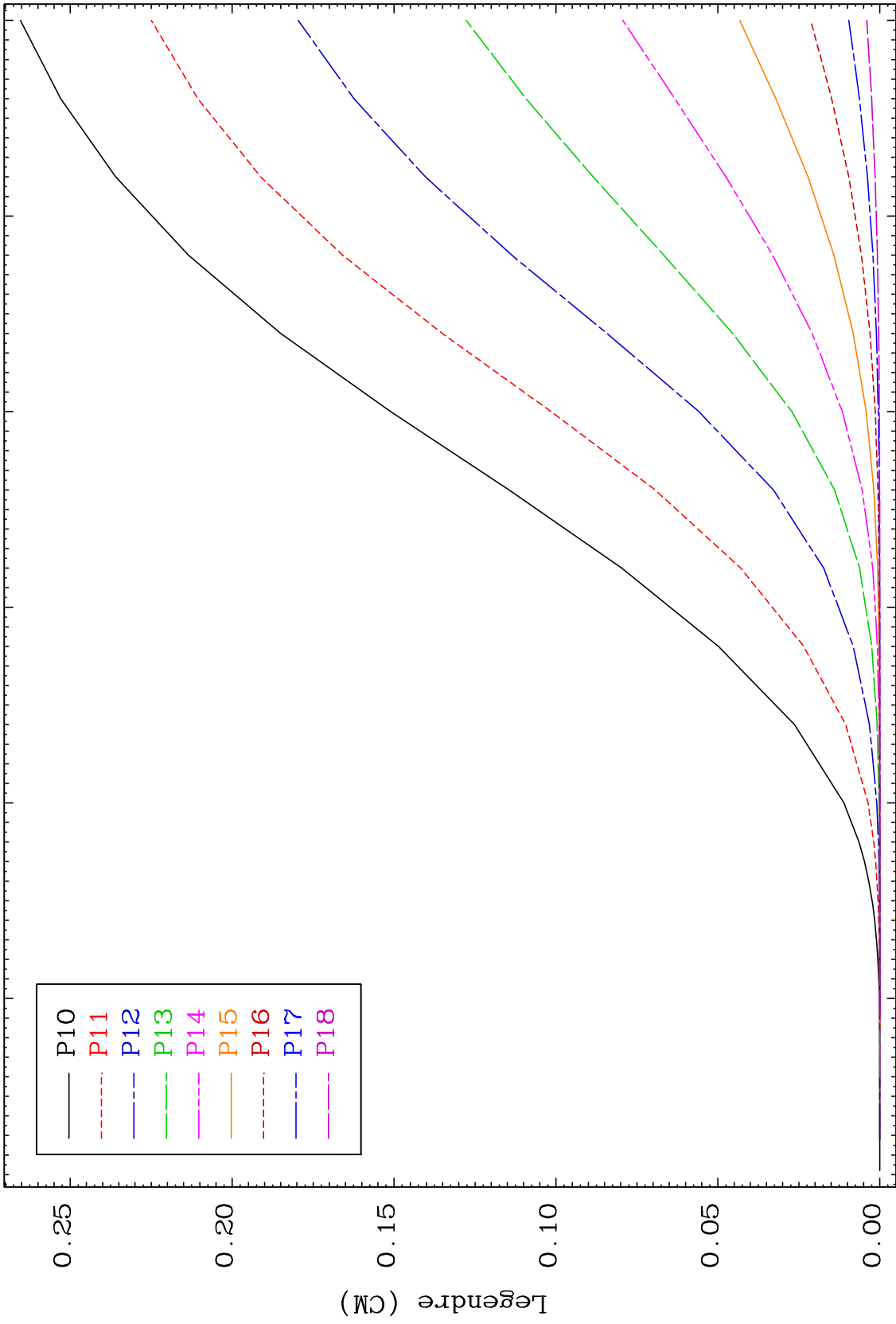
Incident Energy (MeV)

<sup>36</sup>Kr-82

MAT 3637

Elastic Legendre Coefficients

36-Kr-82



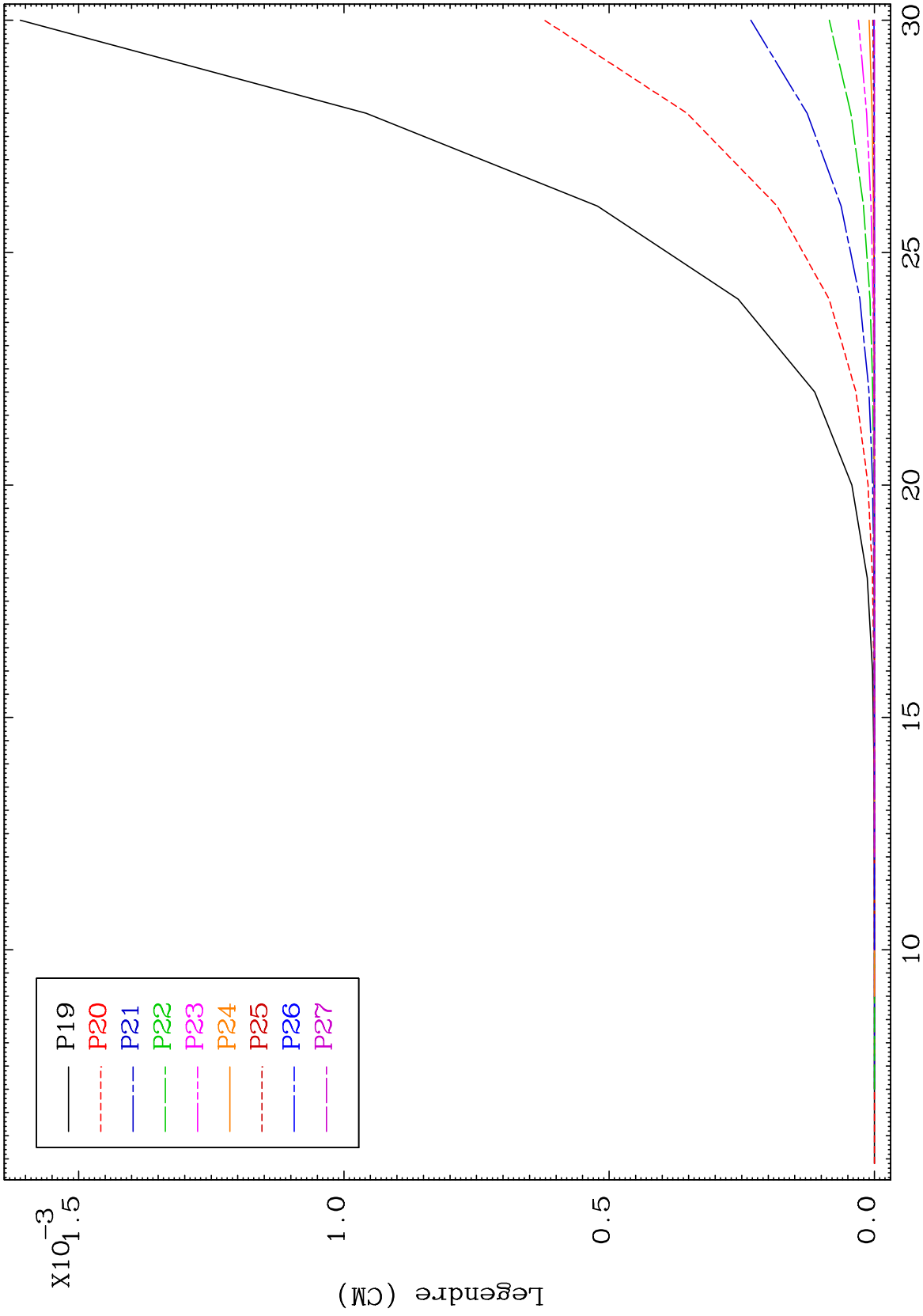
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36-Kr-82

MAT 3637

### Elastic Legendre Coefficients

36-Kr-82



18

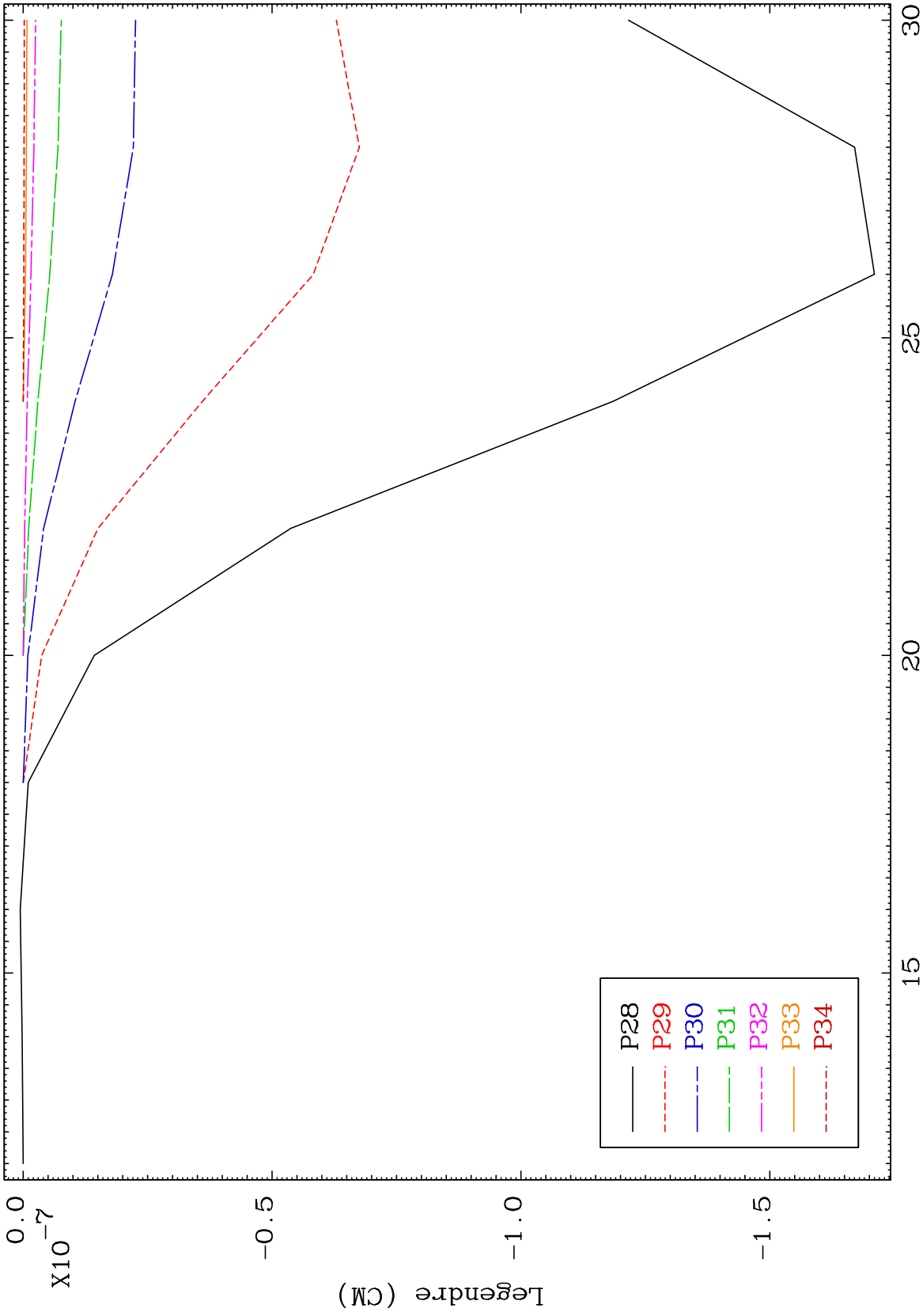
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

Elastic Legendre Coefficients



19

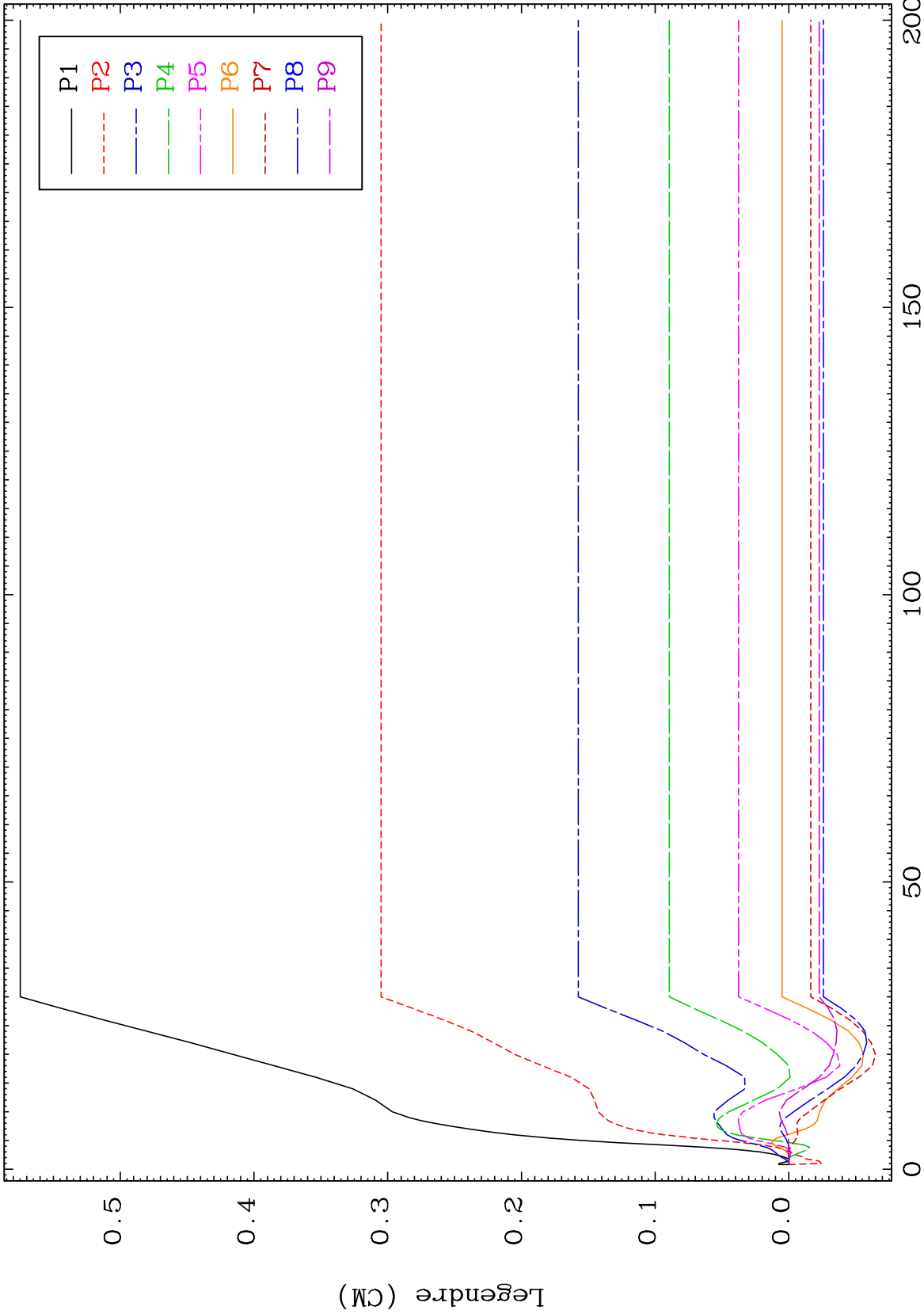
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



36-Kr-82

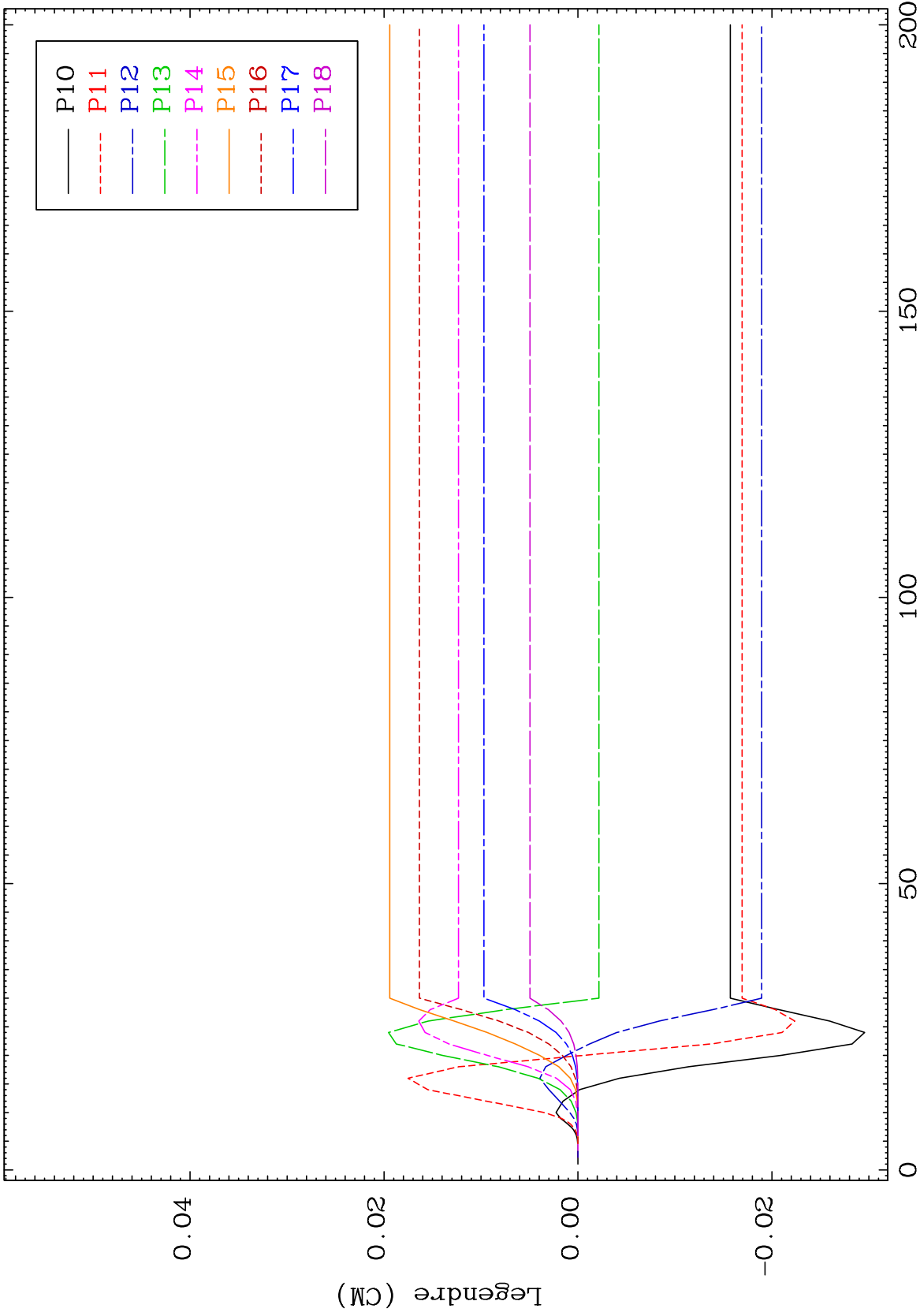
Incident Energy (MeV)

20

MAT 3637

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

36-Kr-82



21

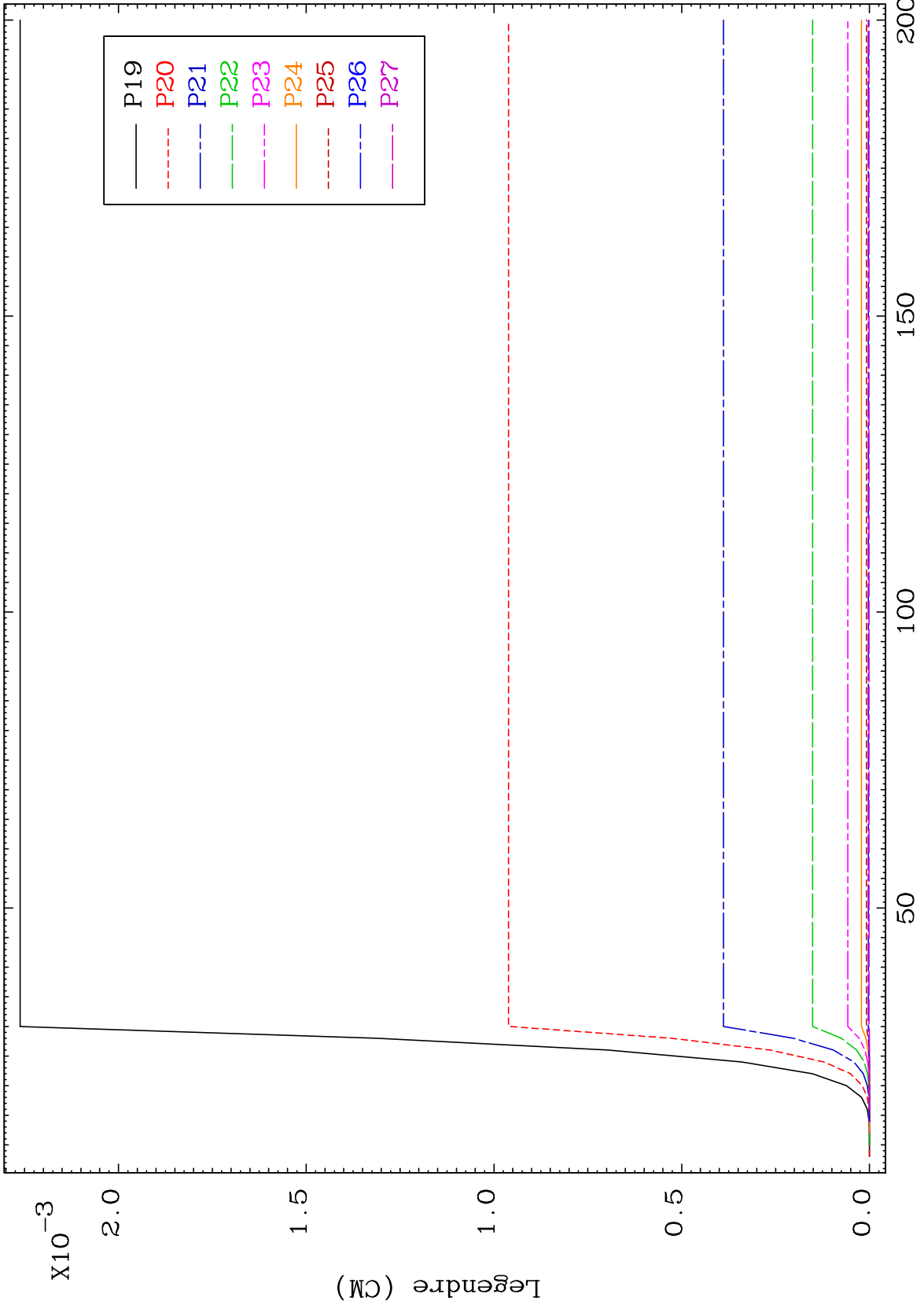
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



22

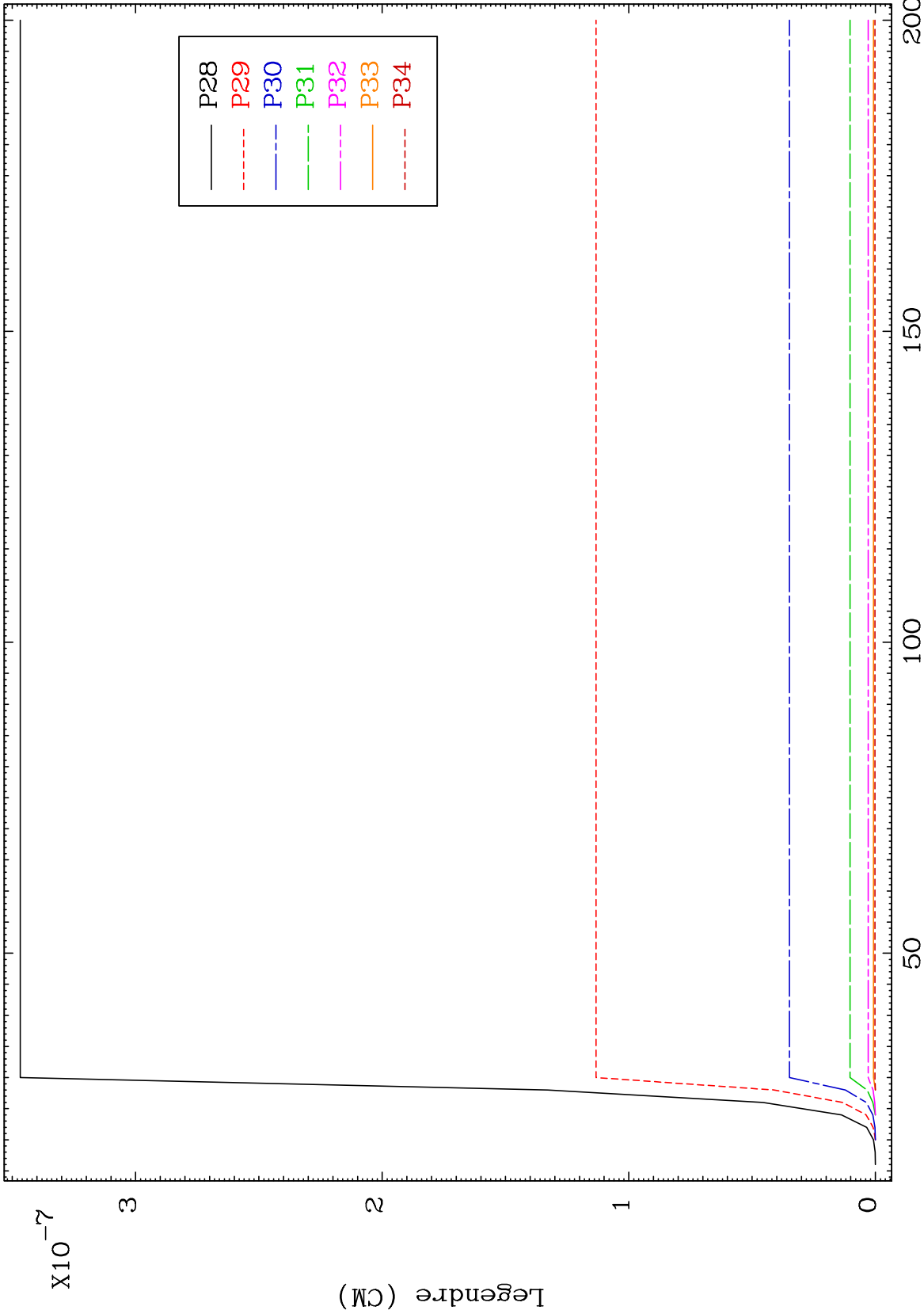
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



23

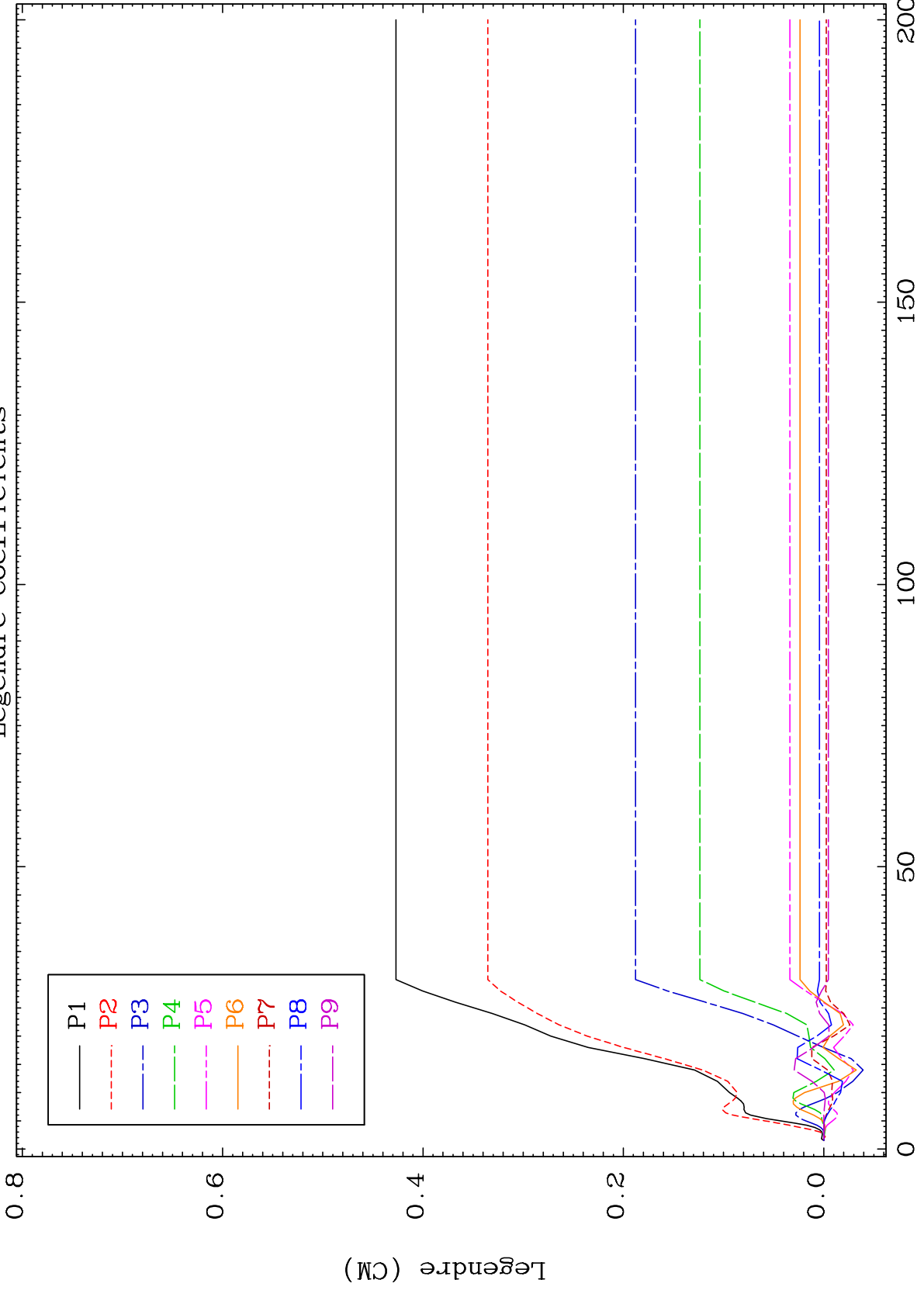
36-Kr-82



MAT 3637

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

36-Kr-82



24

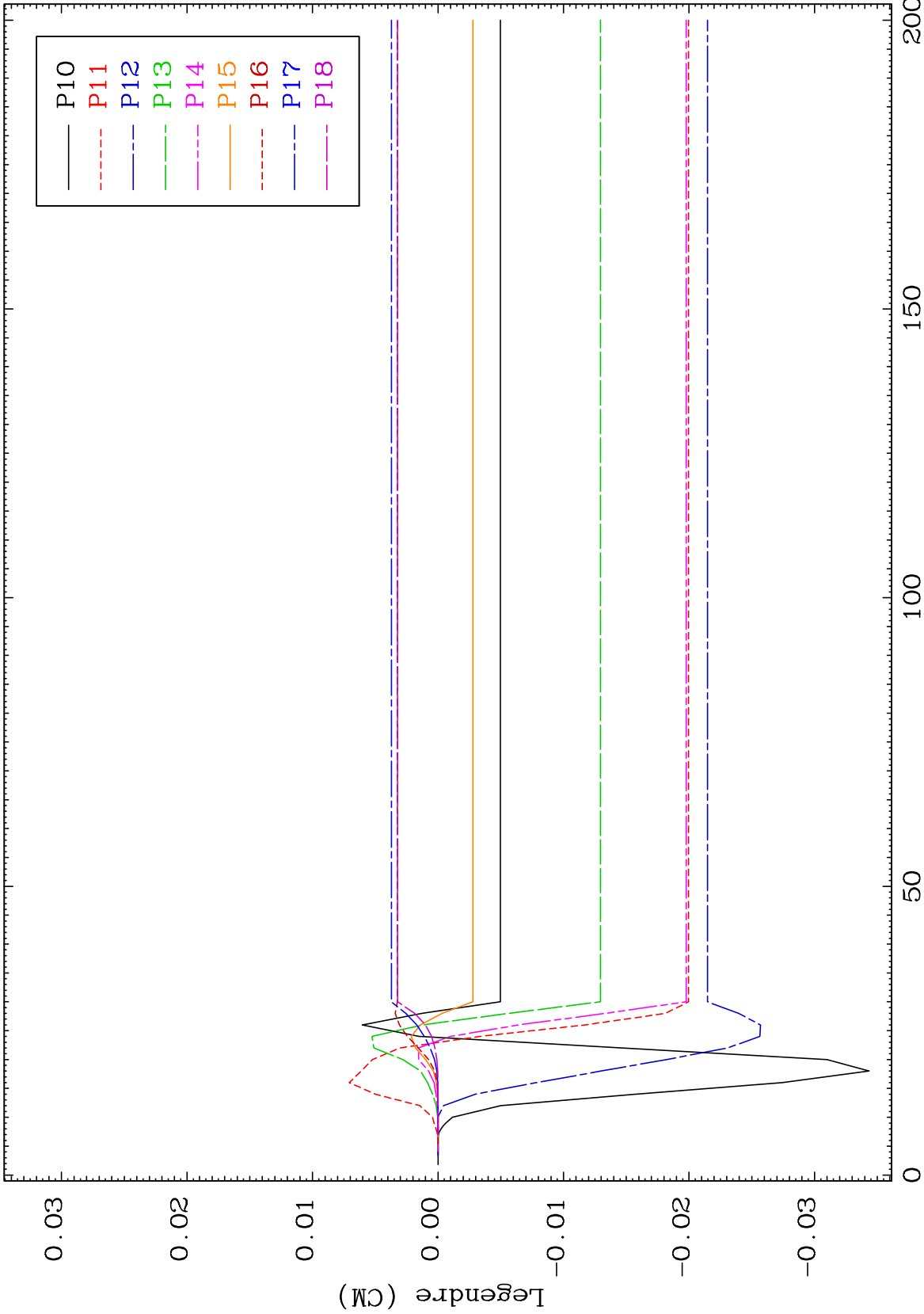
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



25

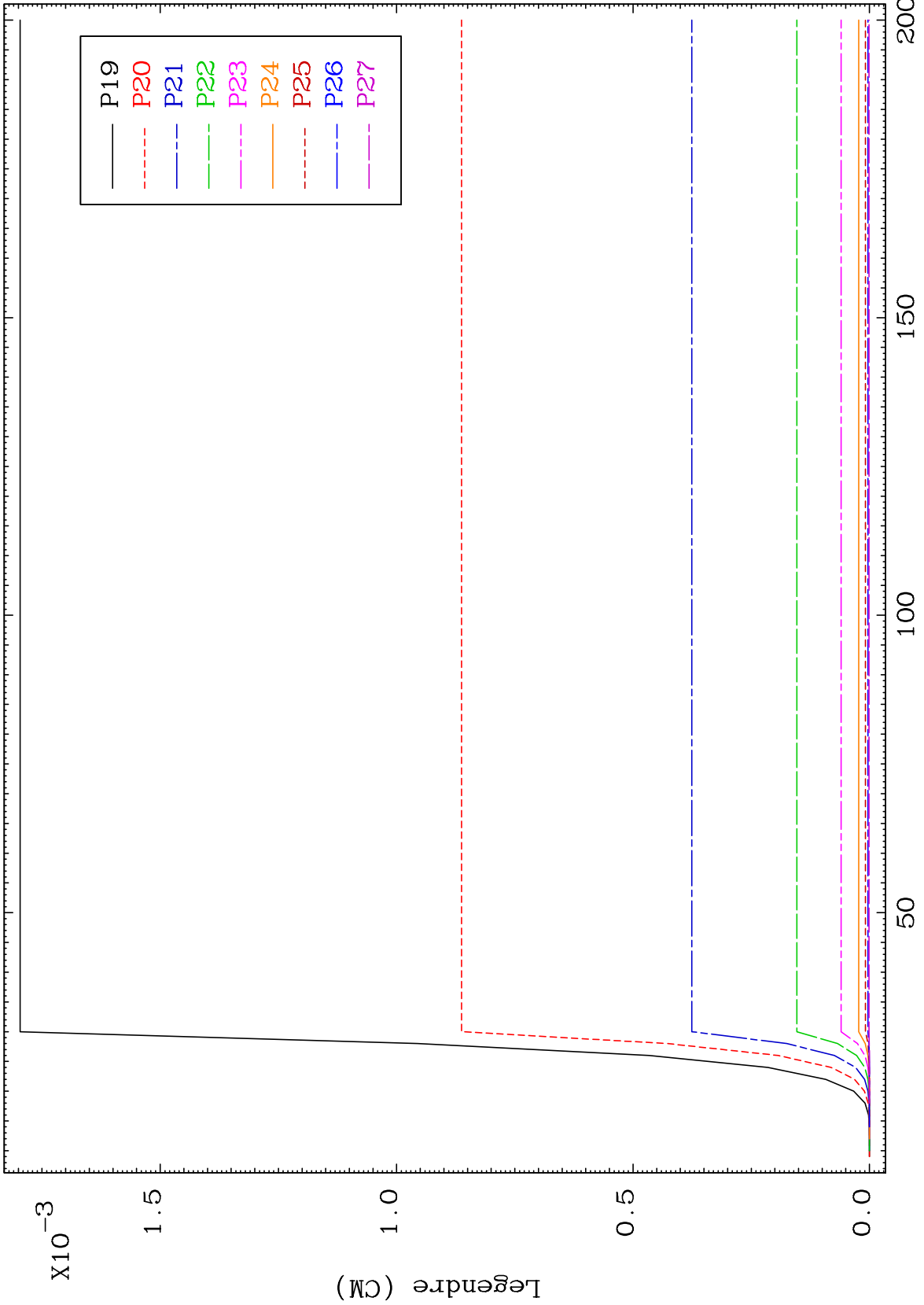
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



26

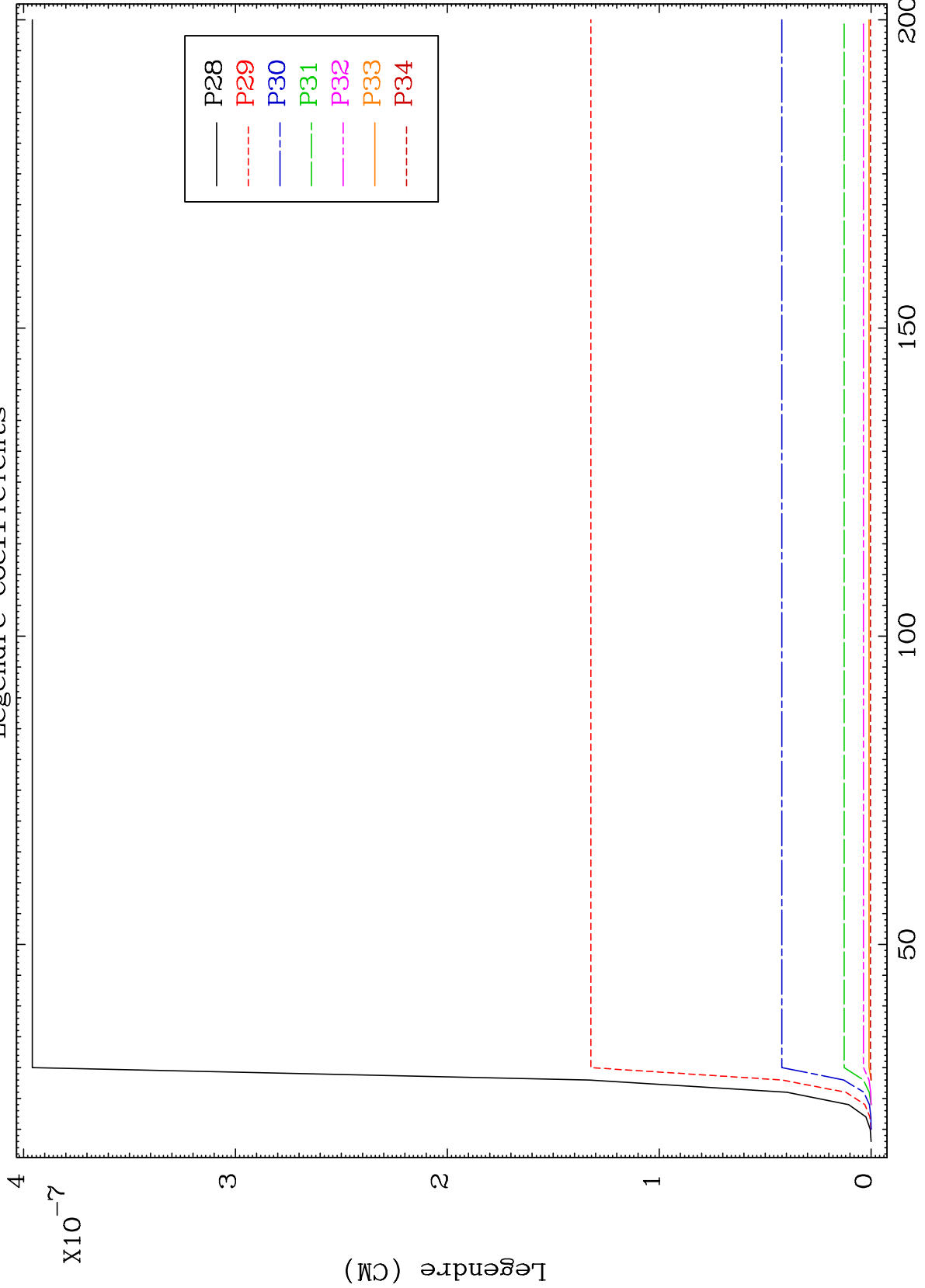
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



27

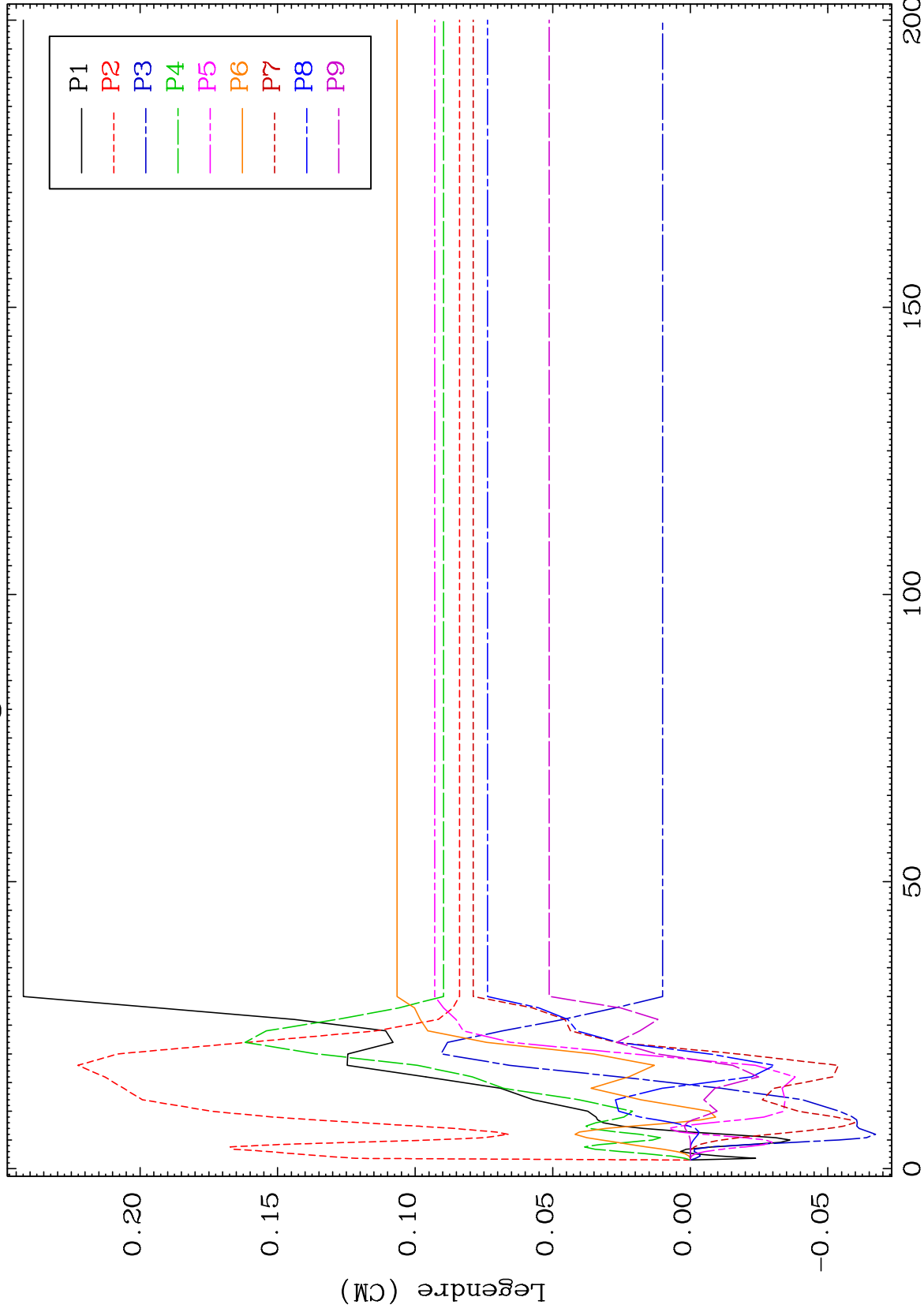
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



28

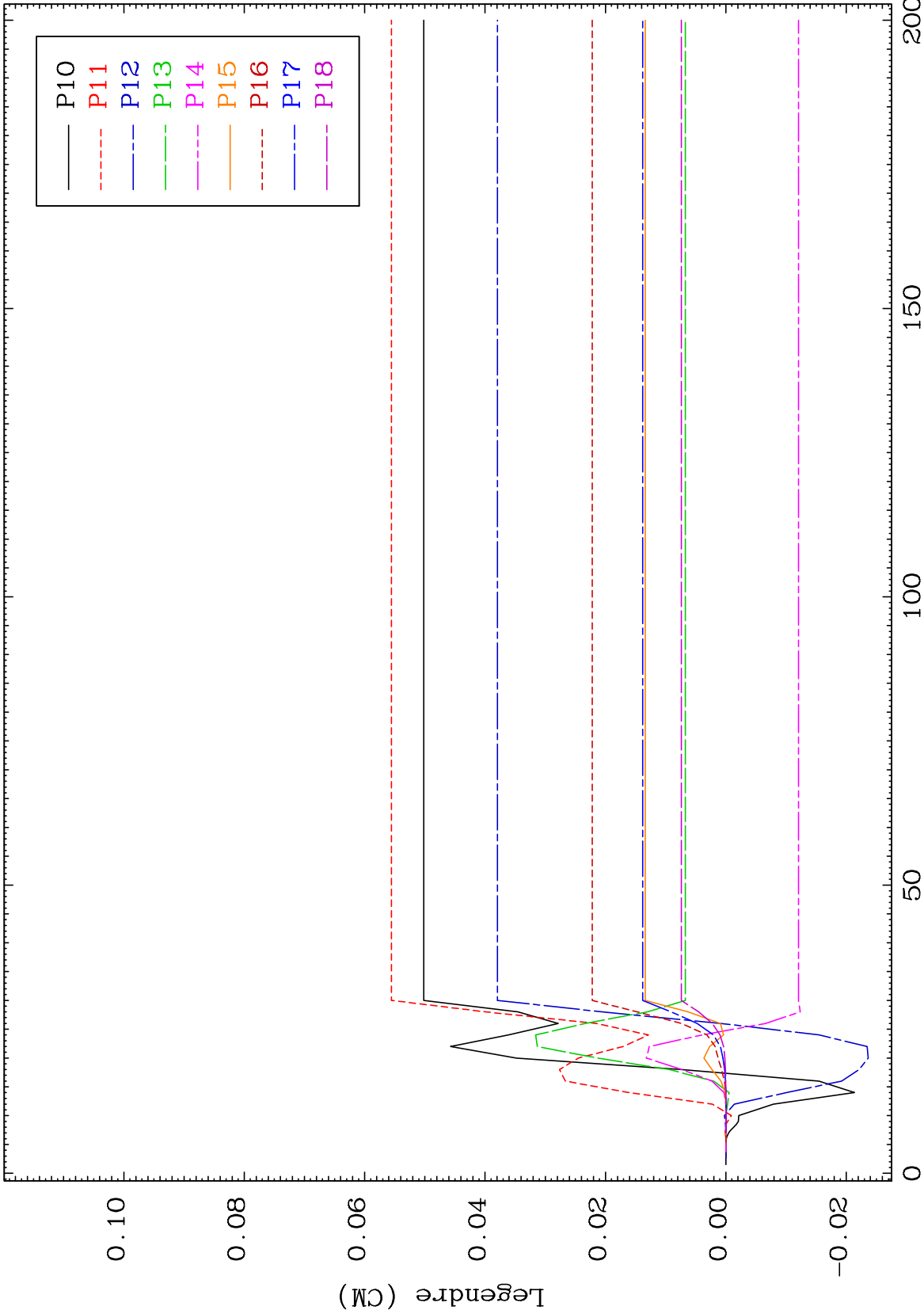
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



29

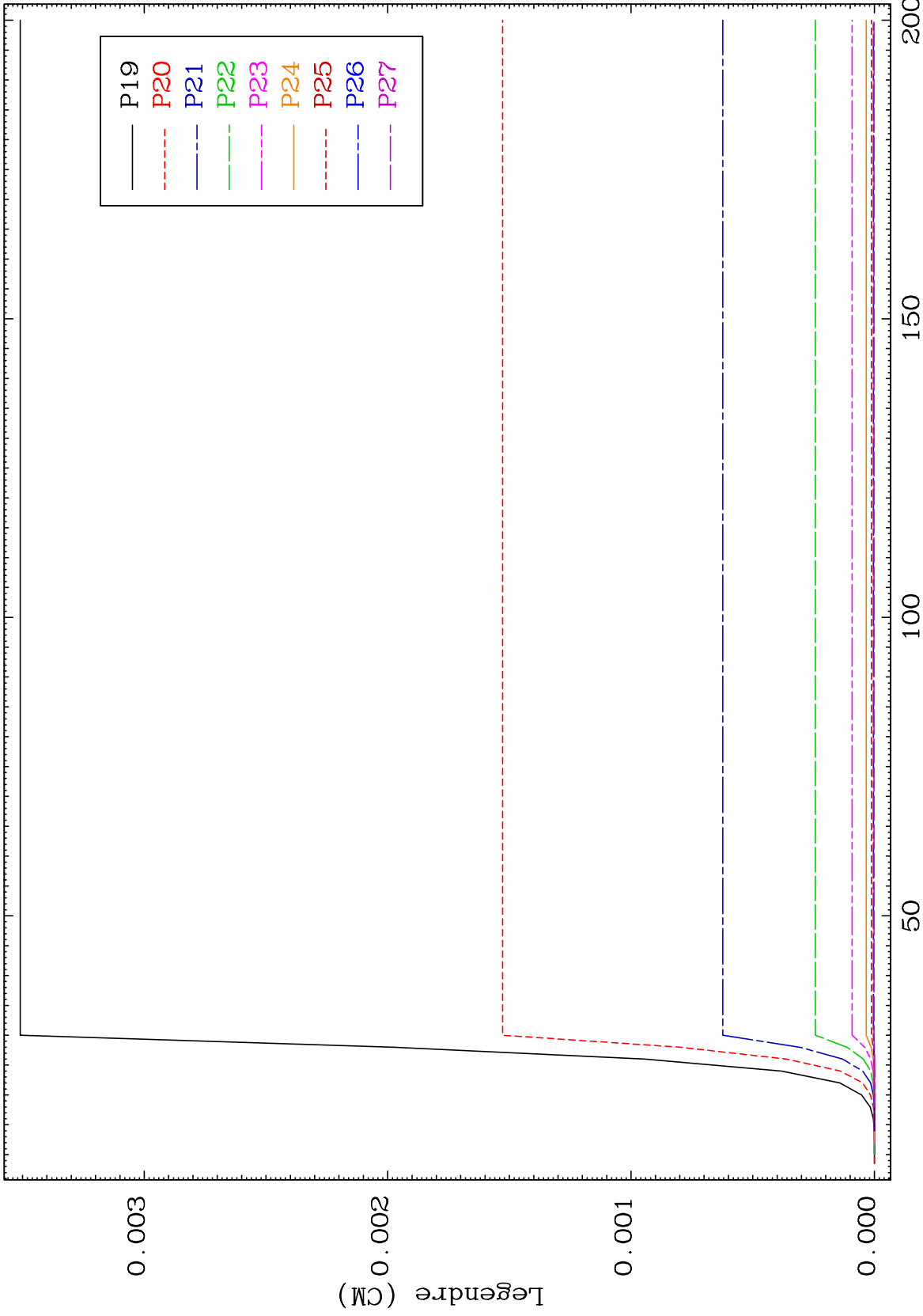
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



30

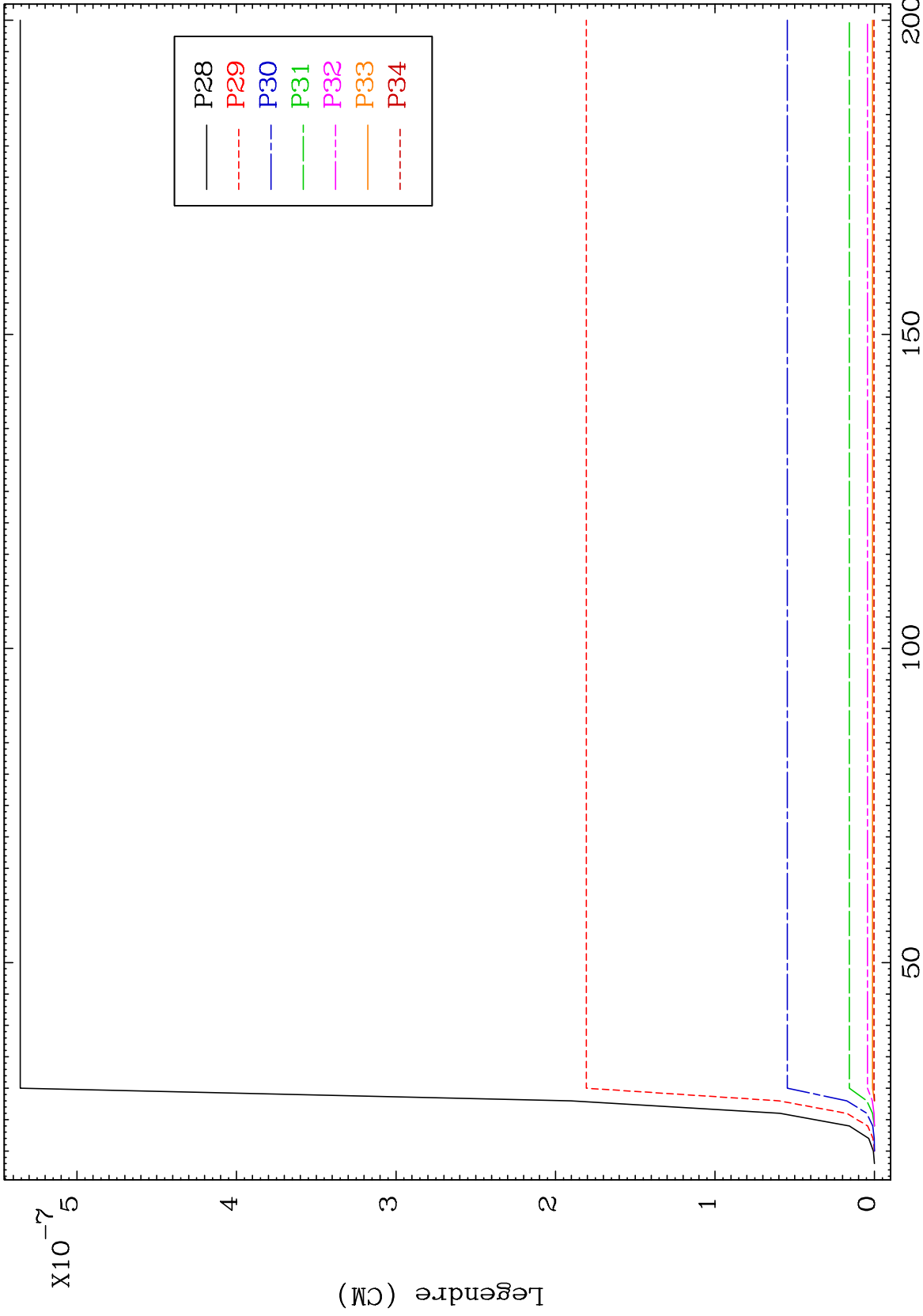
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



31

Incident Energy (MeV)

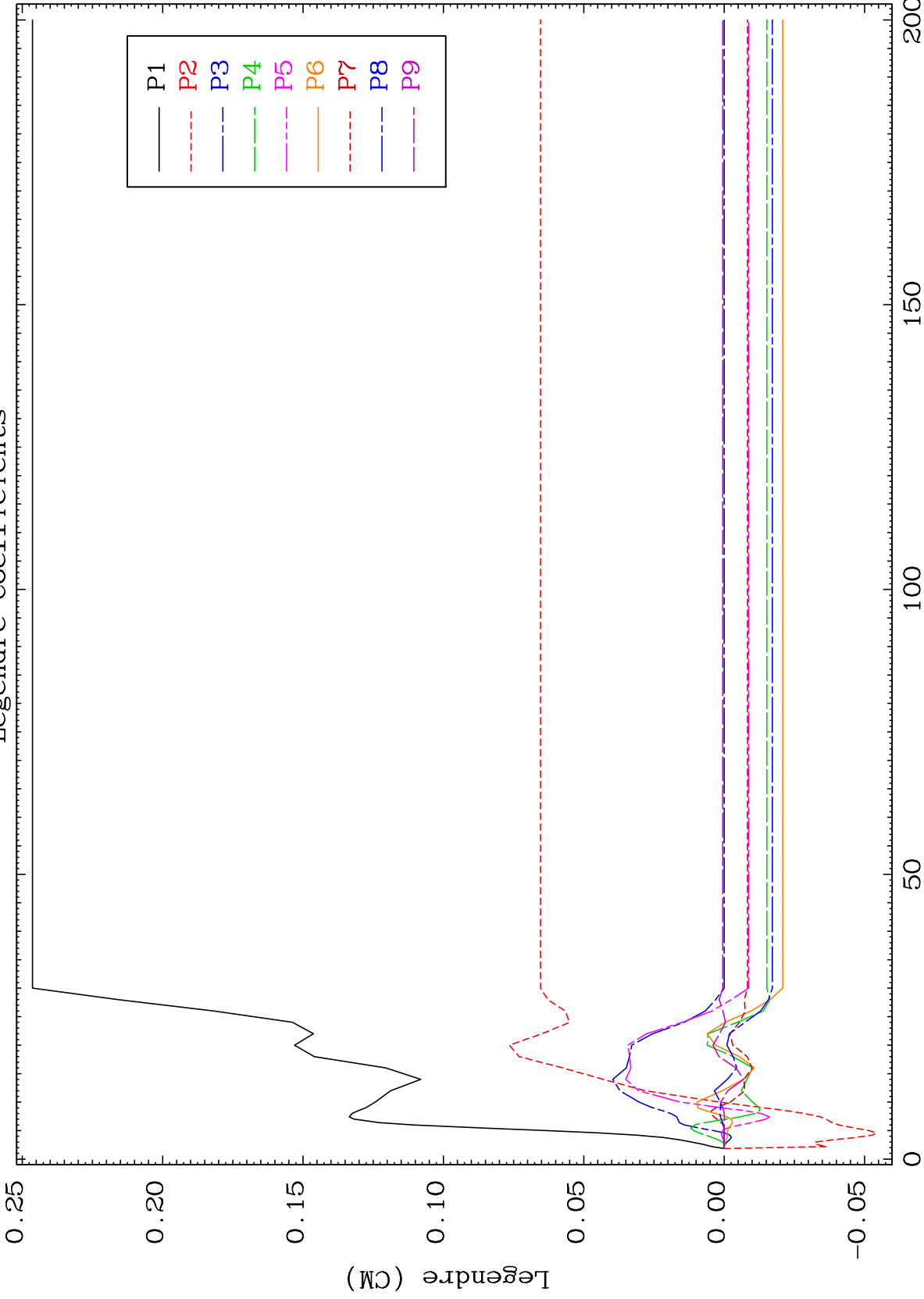
36-Kr-82



MAT 3637

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

36-Kr-82



32

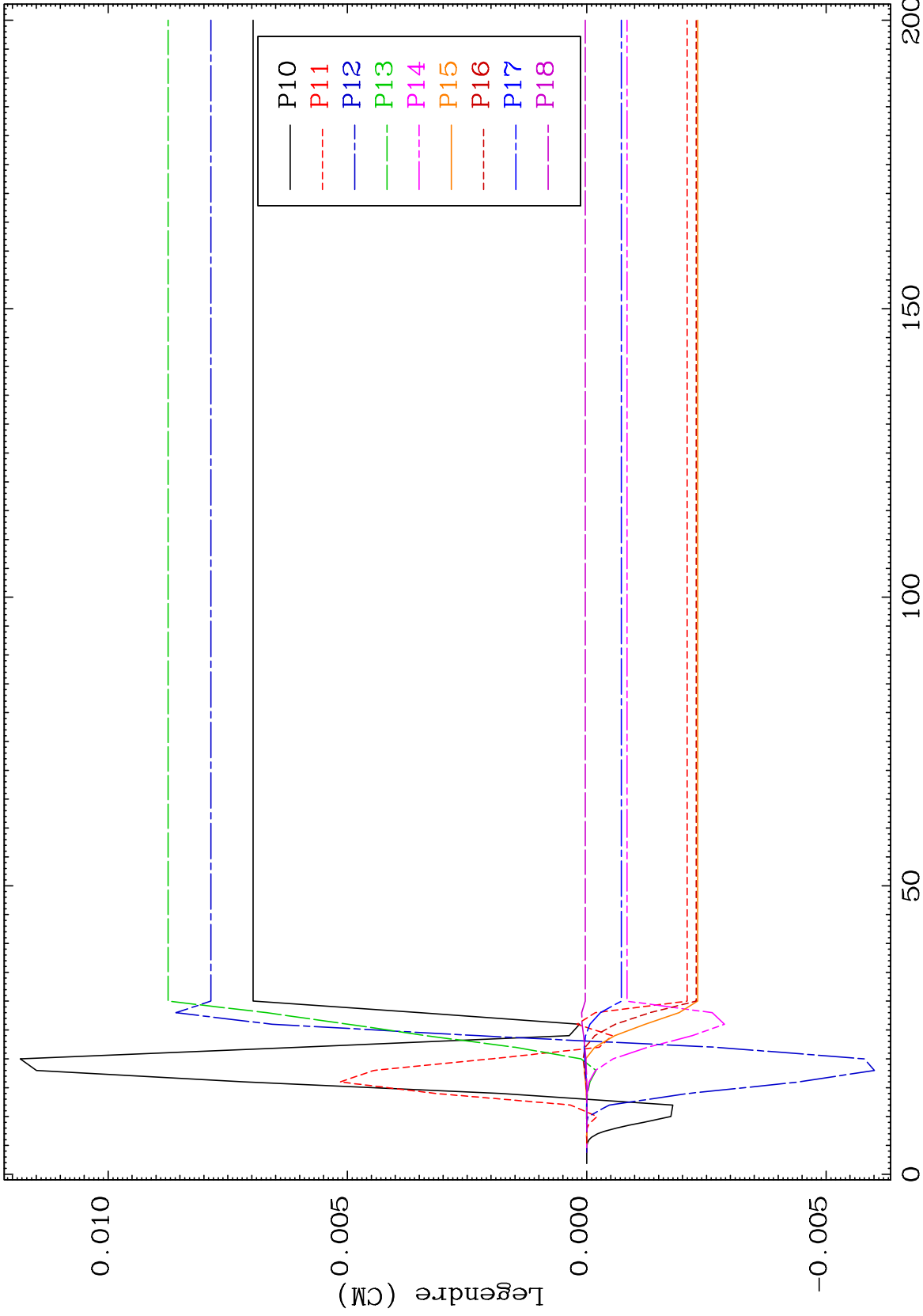
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



33

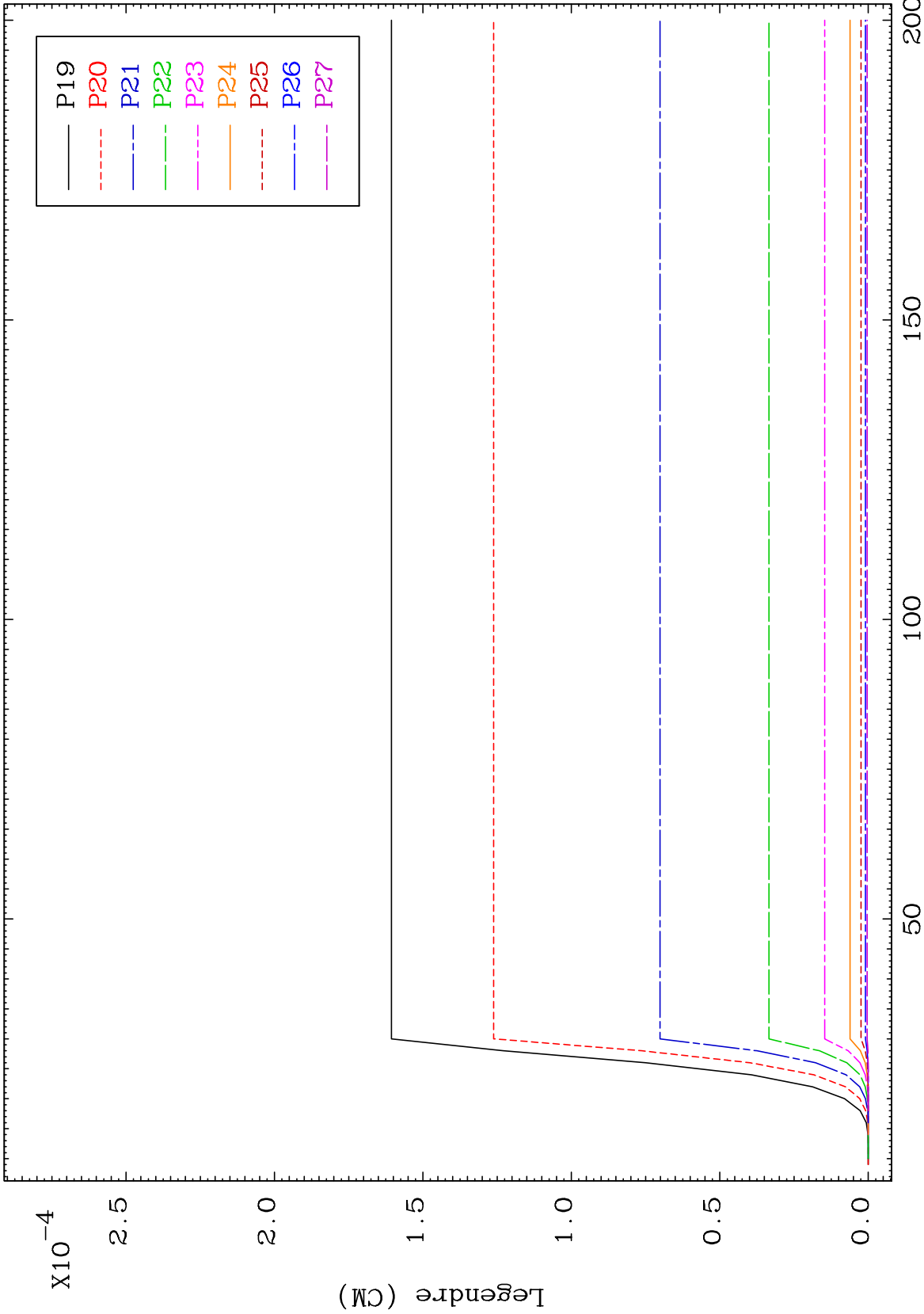
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



34

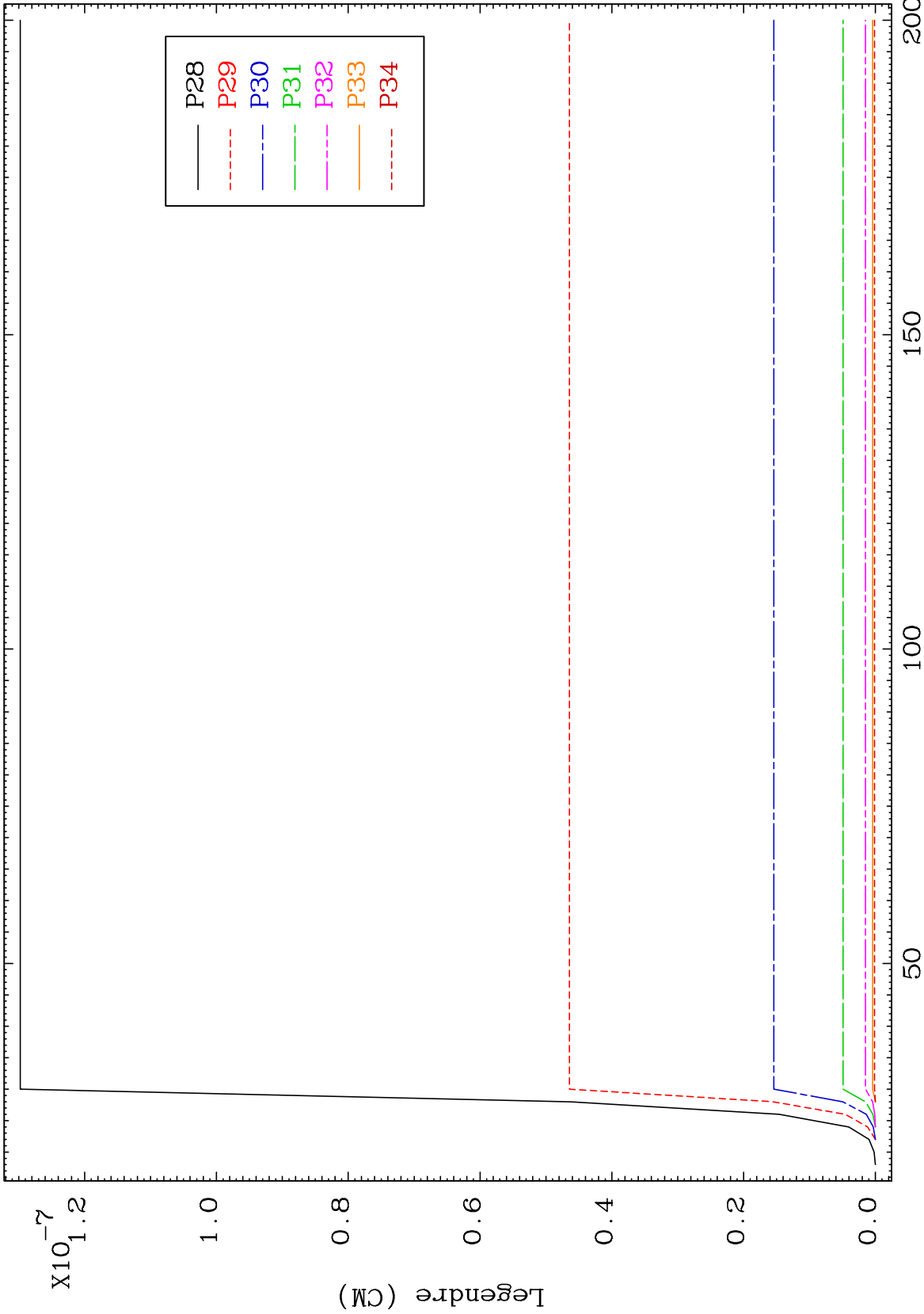
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82

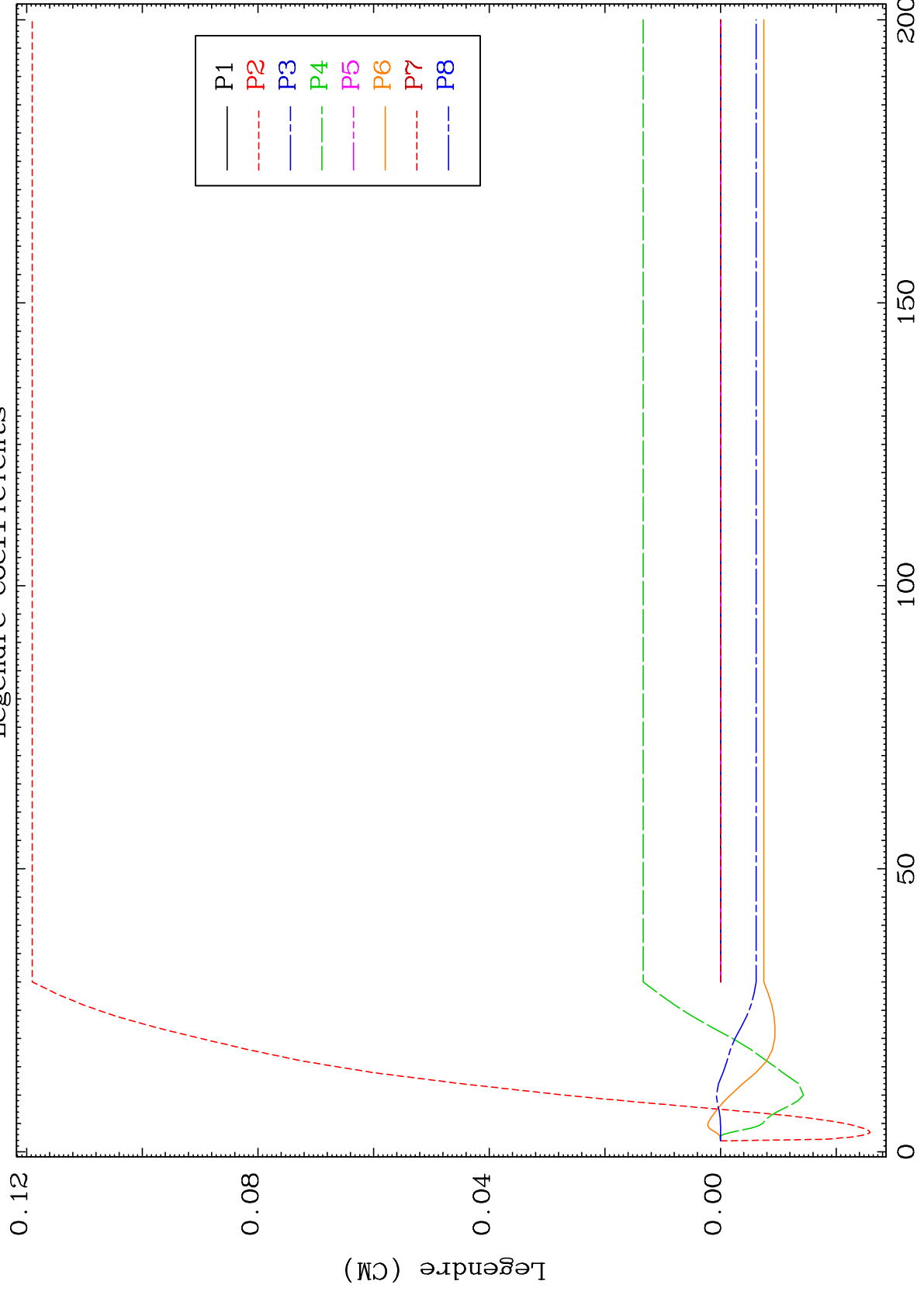


35

Incident Energy (MeV)

36-Kr-82

MAT 3637 MT= 55 (n,n') Level Legendre Coefficients 36-Kr-82

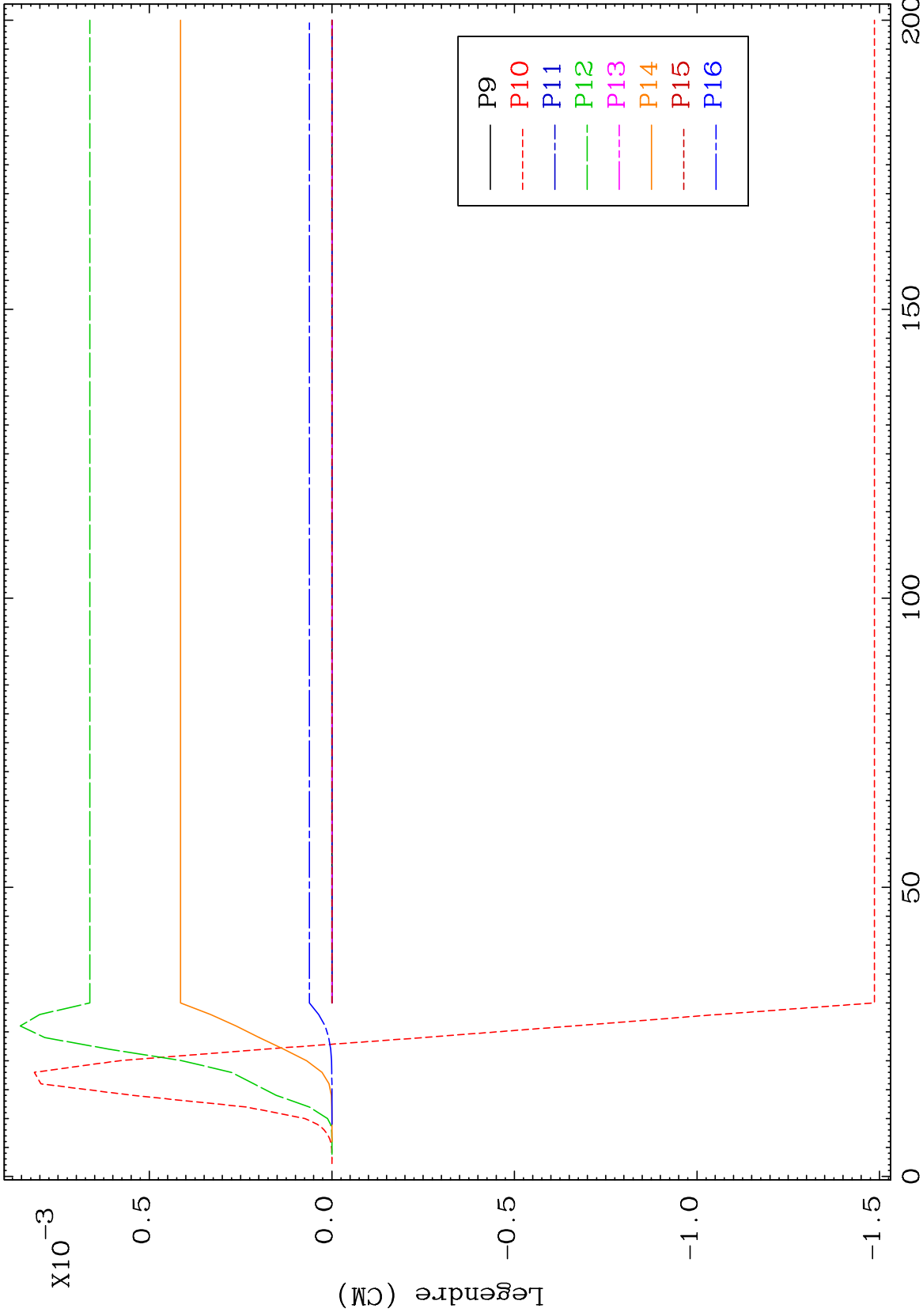


36

MAT 3637

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

36-Kr-82



37

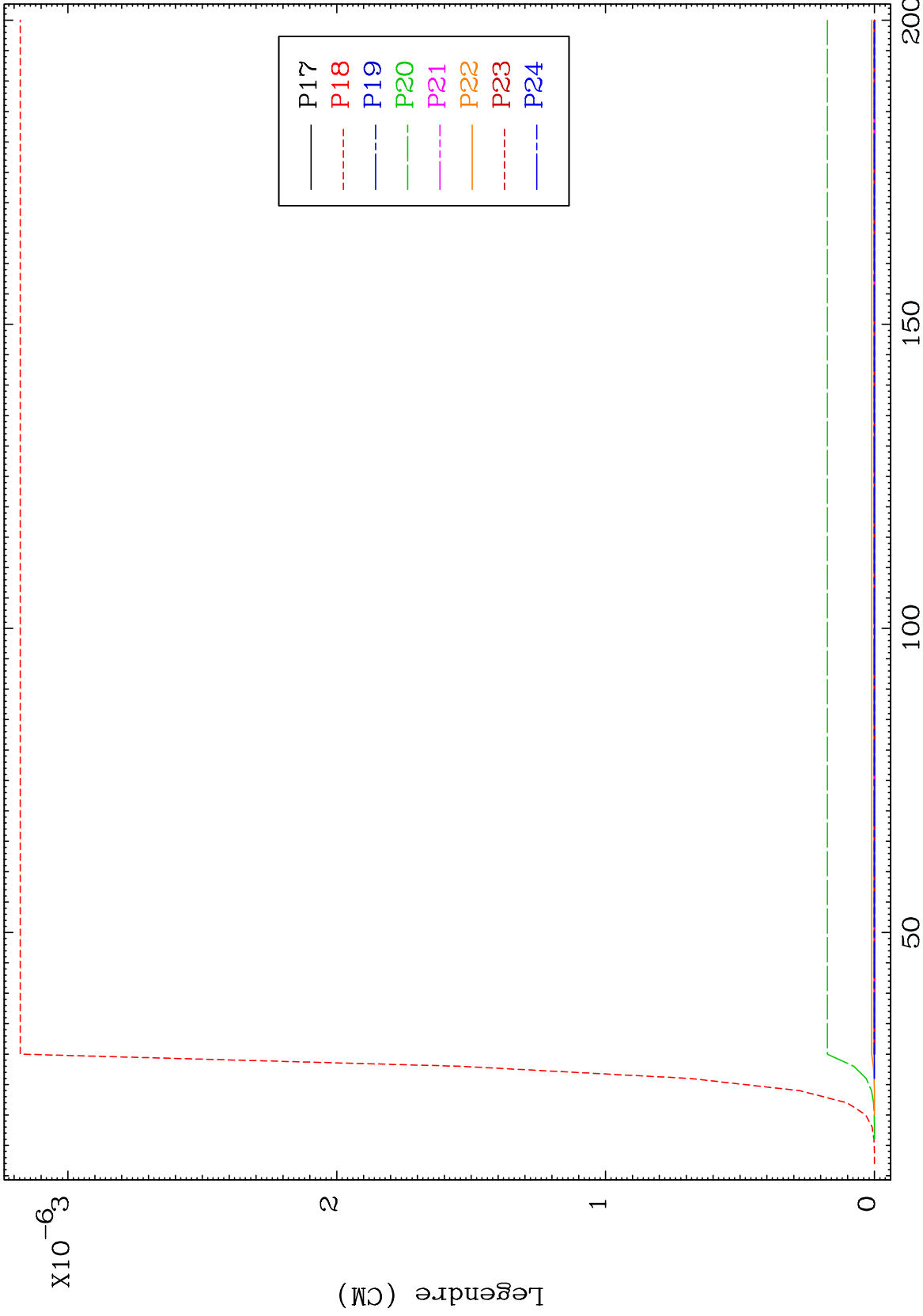
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



38

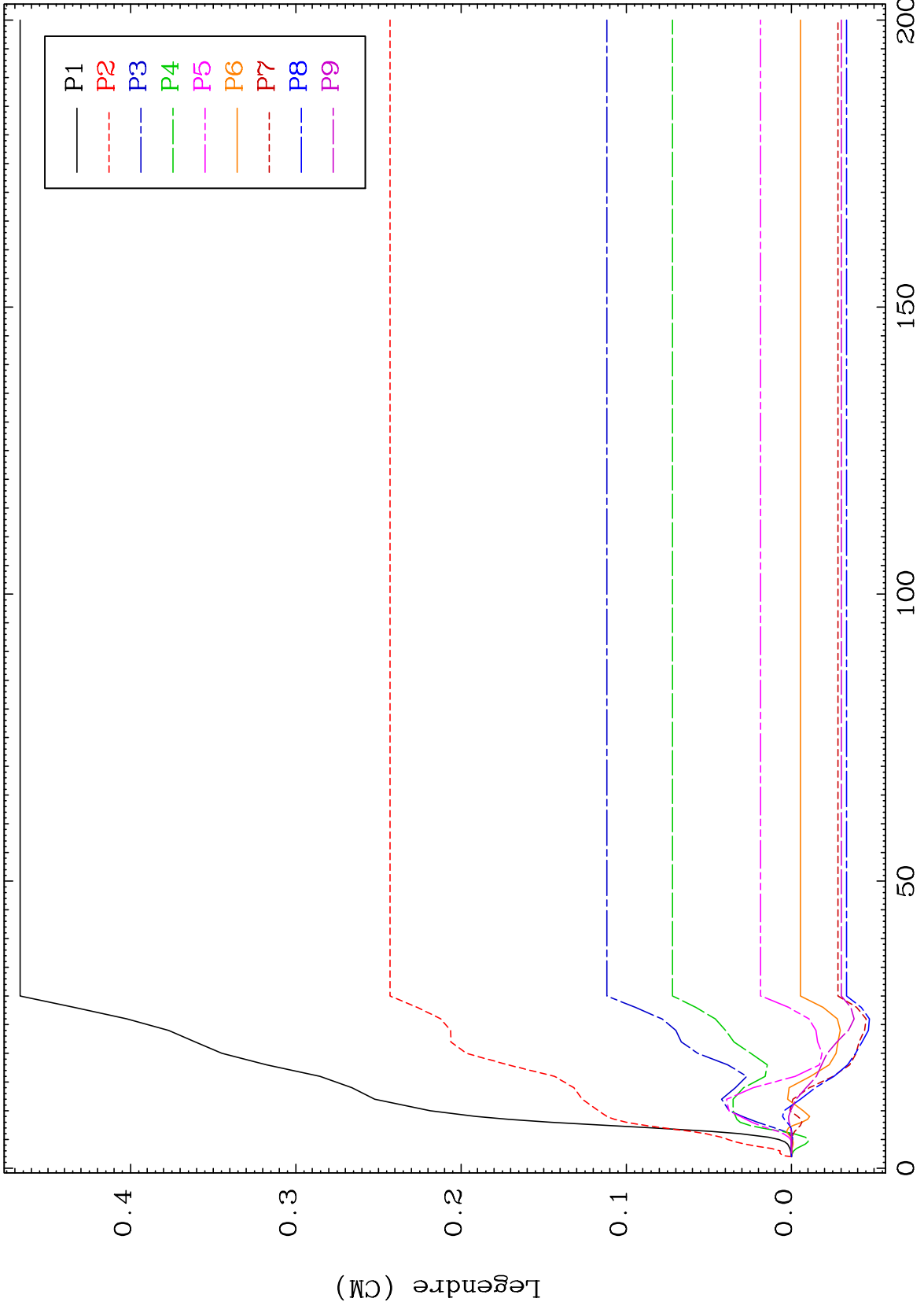
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



39

Incident Energy (MeV)

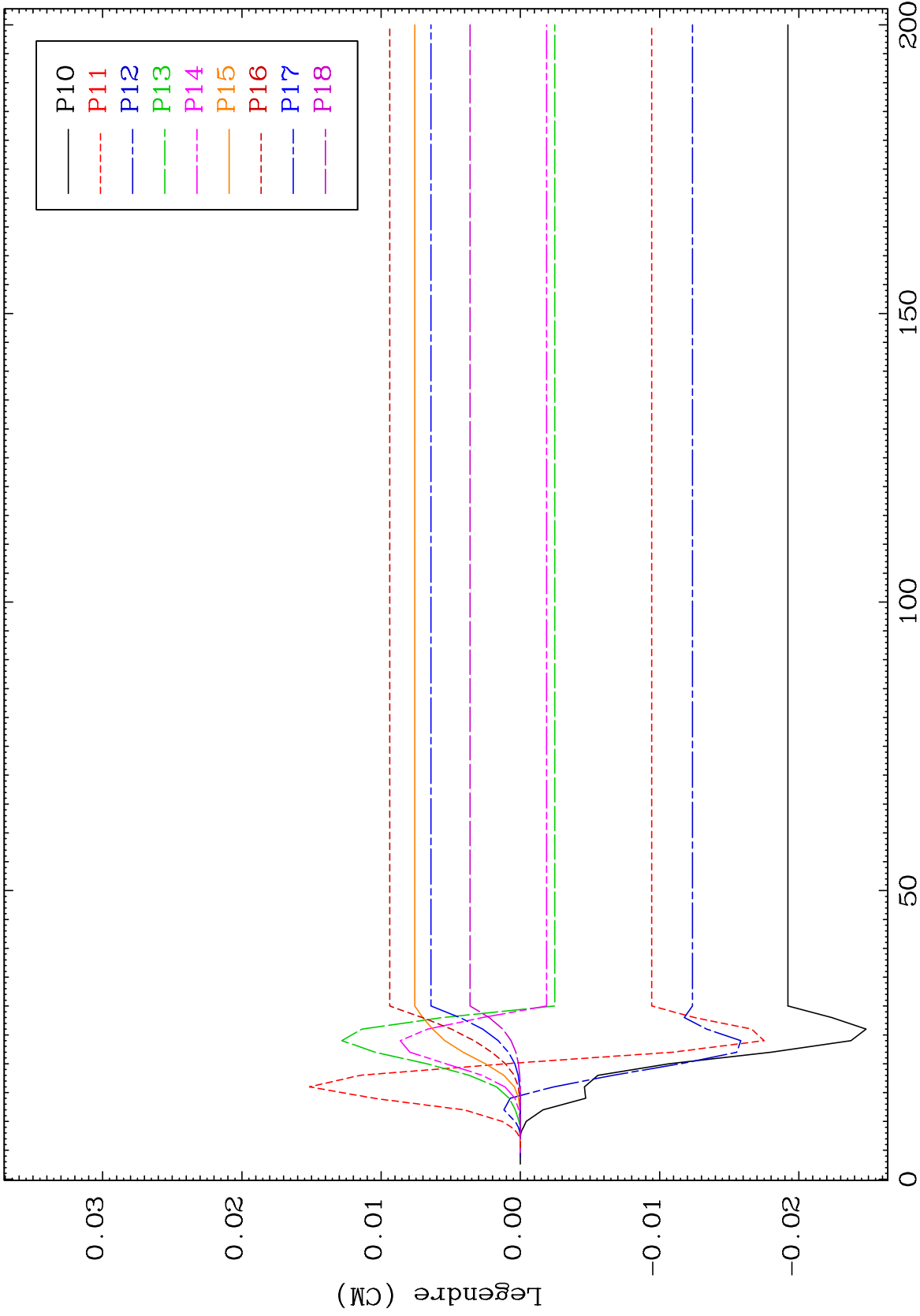
36-Kr-82



MAT 3637

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

36-Kr-82



40

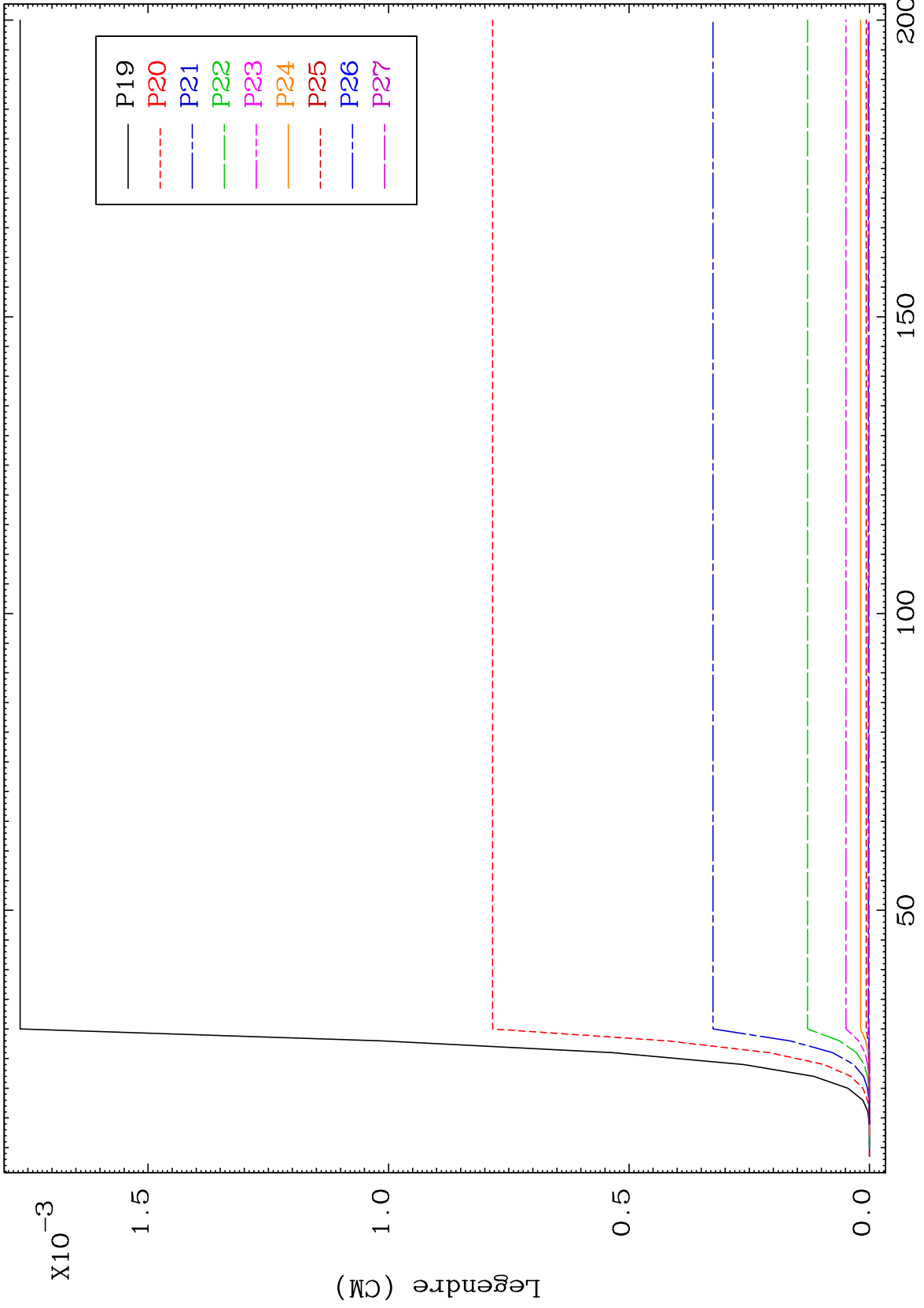
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



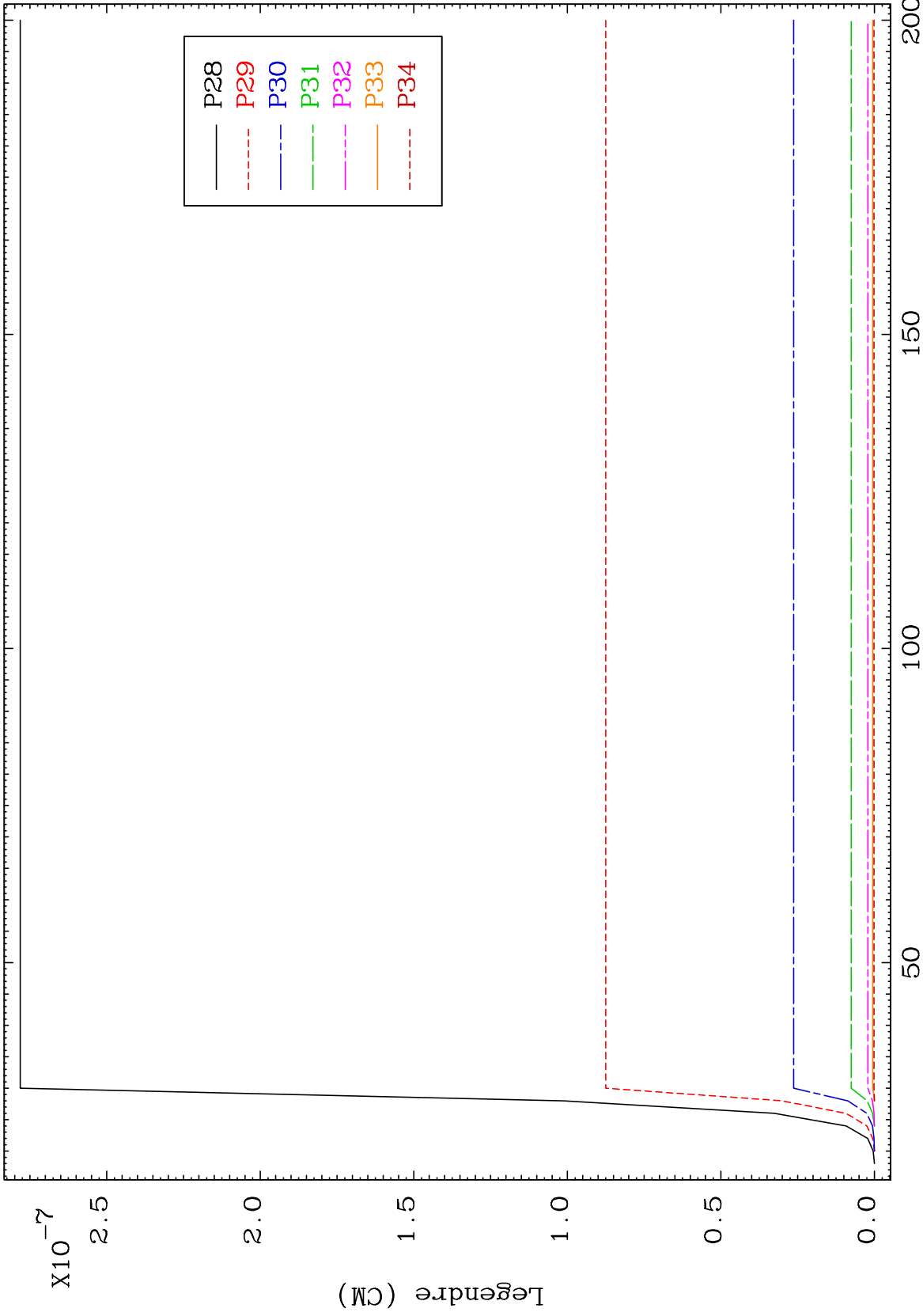
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36-Kr-82

MAT 3637

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

36-Kr-82



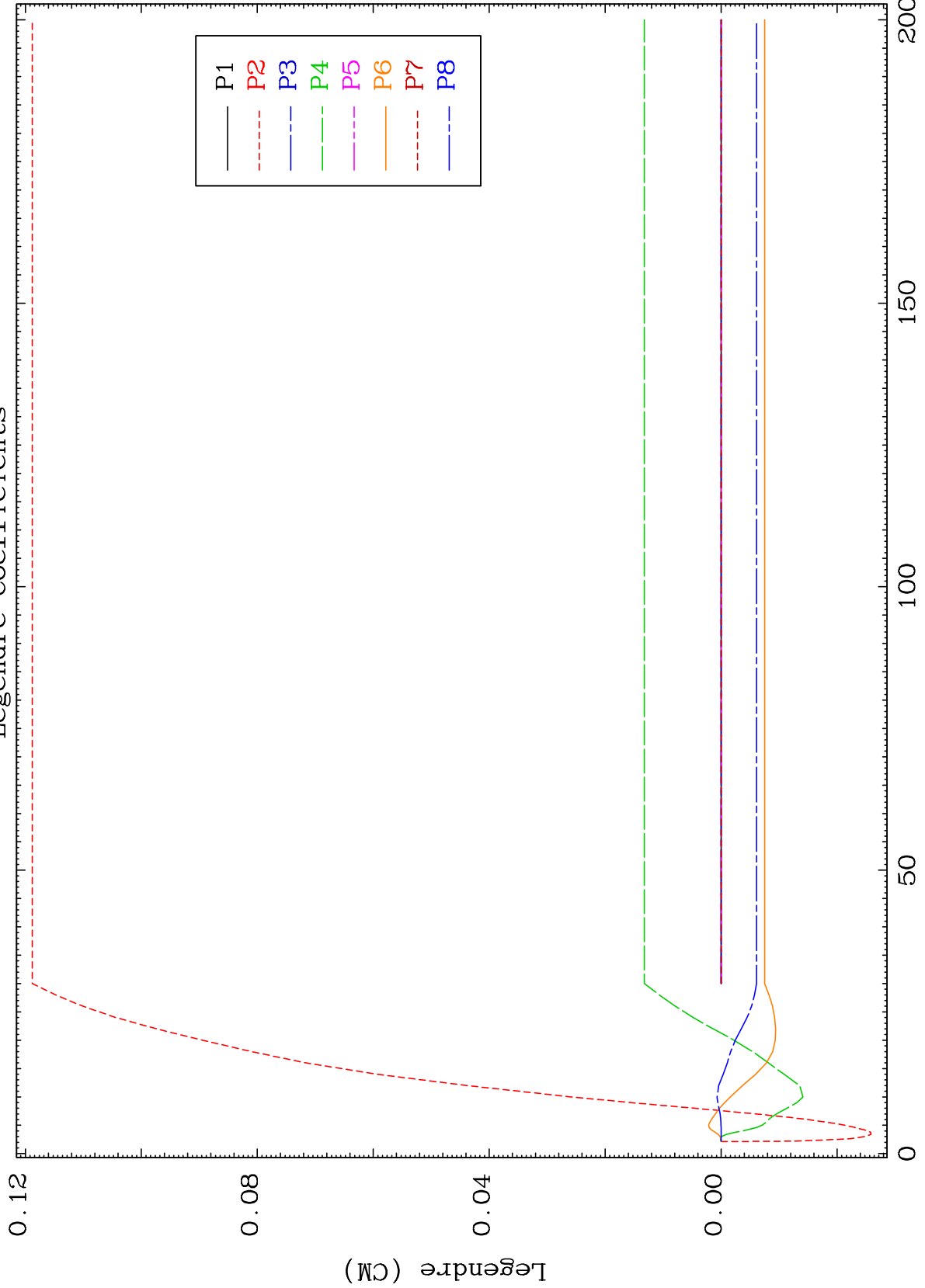
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Incident Energy (MeV)

36-Kr-82

MAT 3637 MT= 57 (n,n') Level Legendre Coefficients

36-Kr-82



36-Kr-82

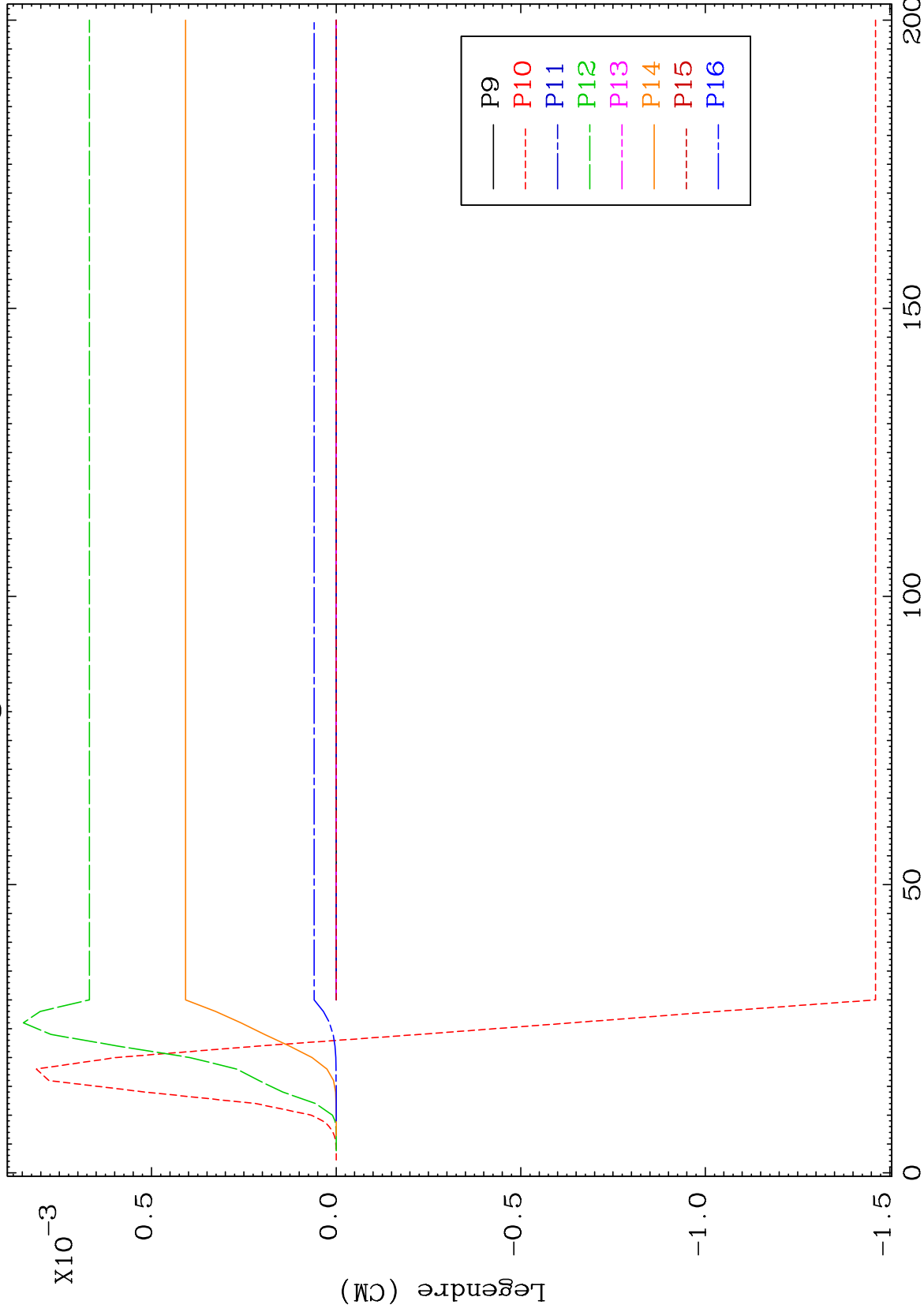
Incident Energy (MeV)

43

MAT 3637

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

36-Kr-82



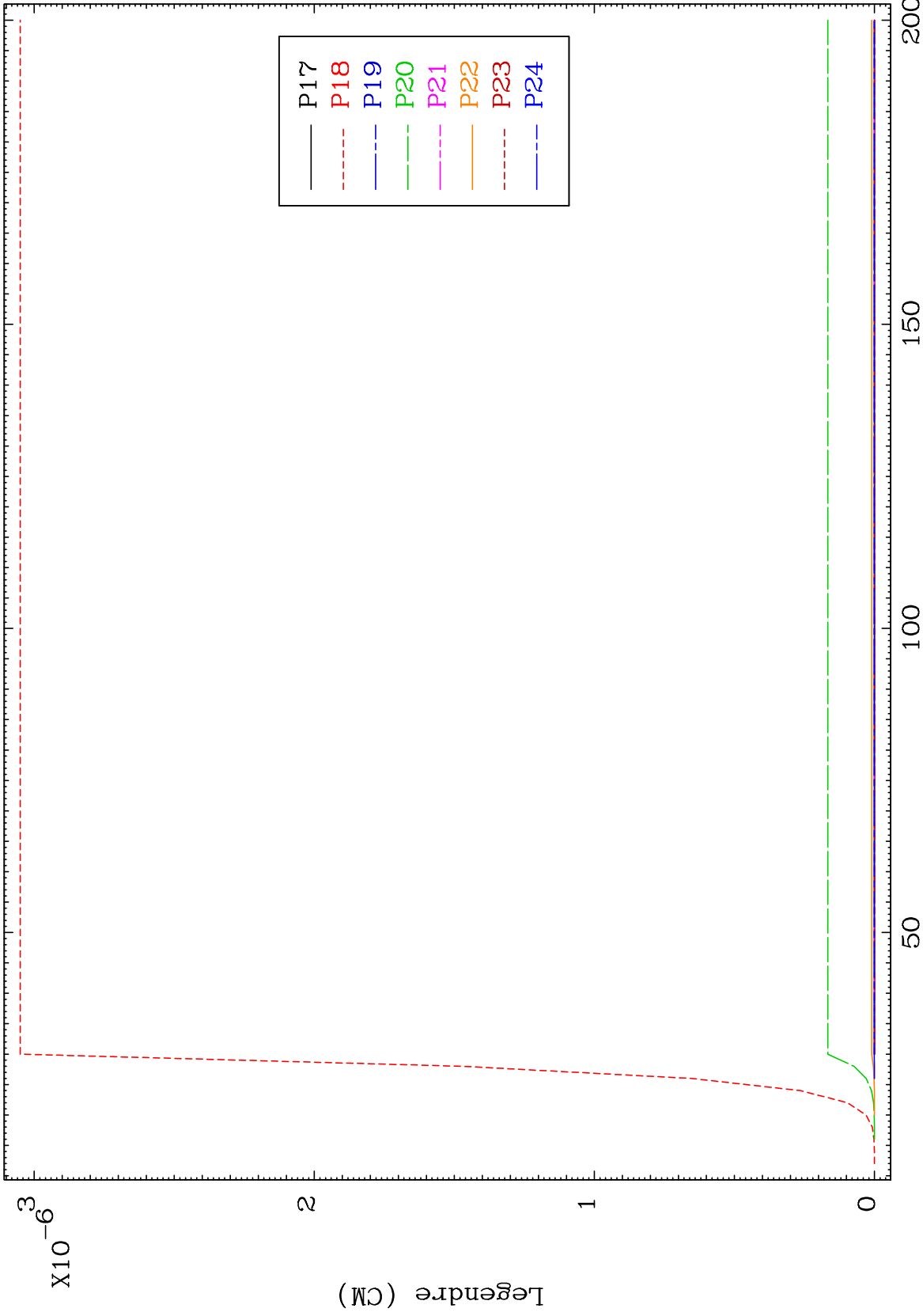
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36-Kr-82

MAT 3637

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

36-Kr-82



45

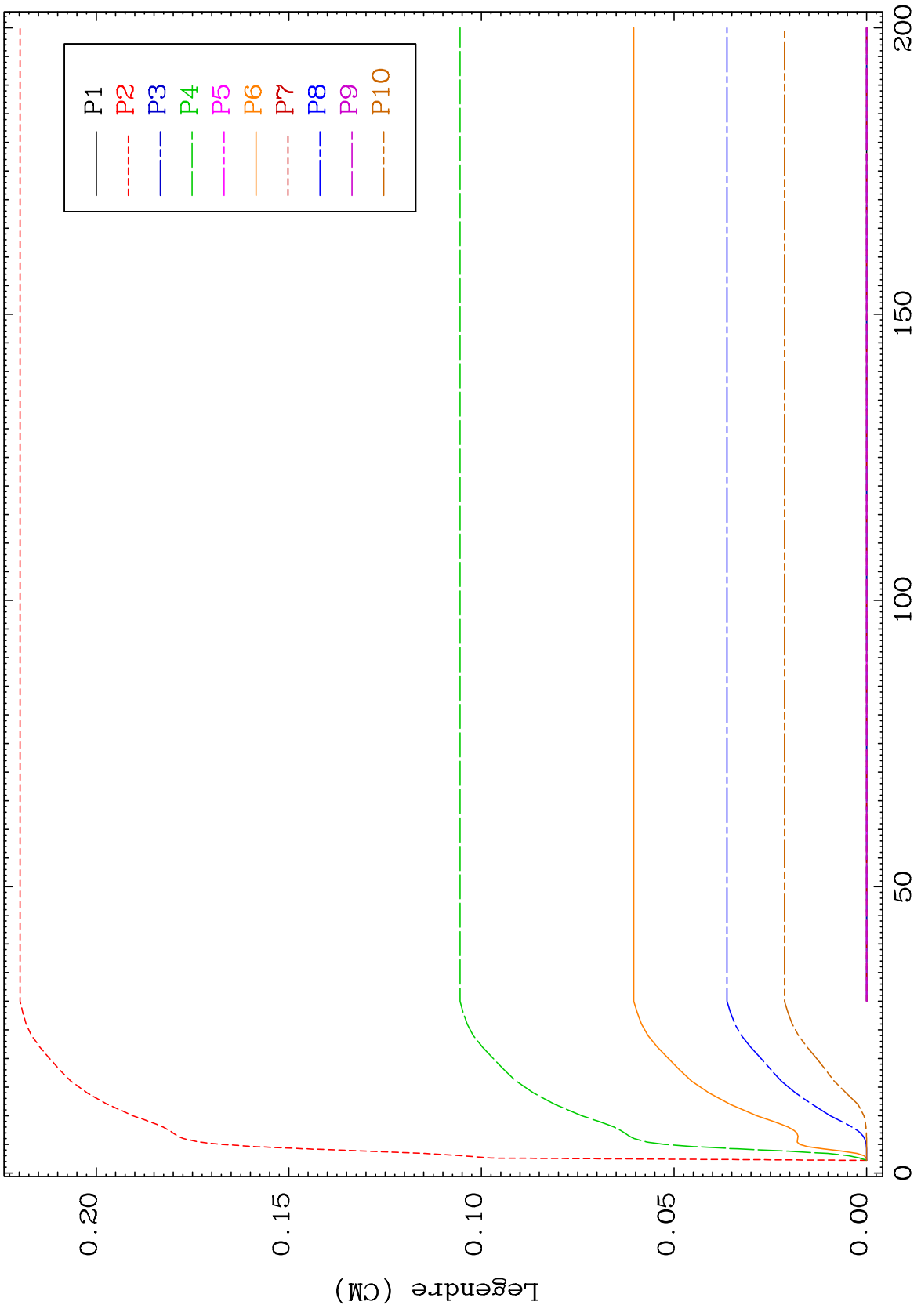
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



46

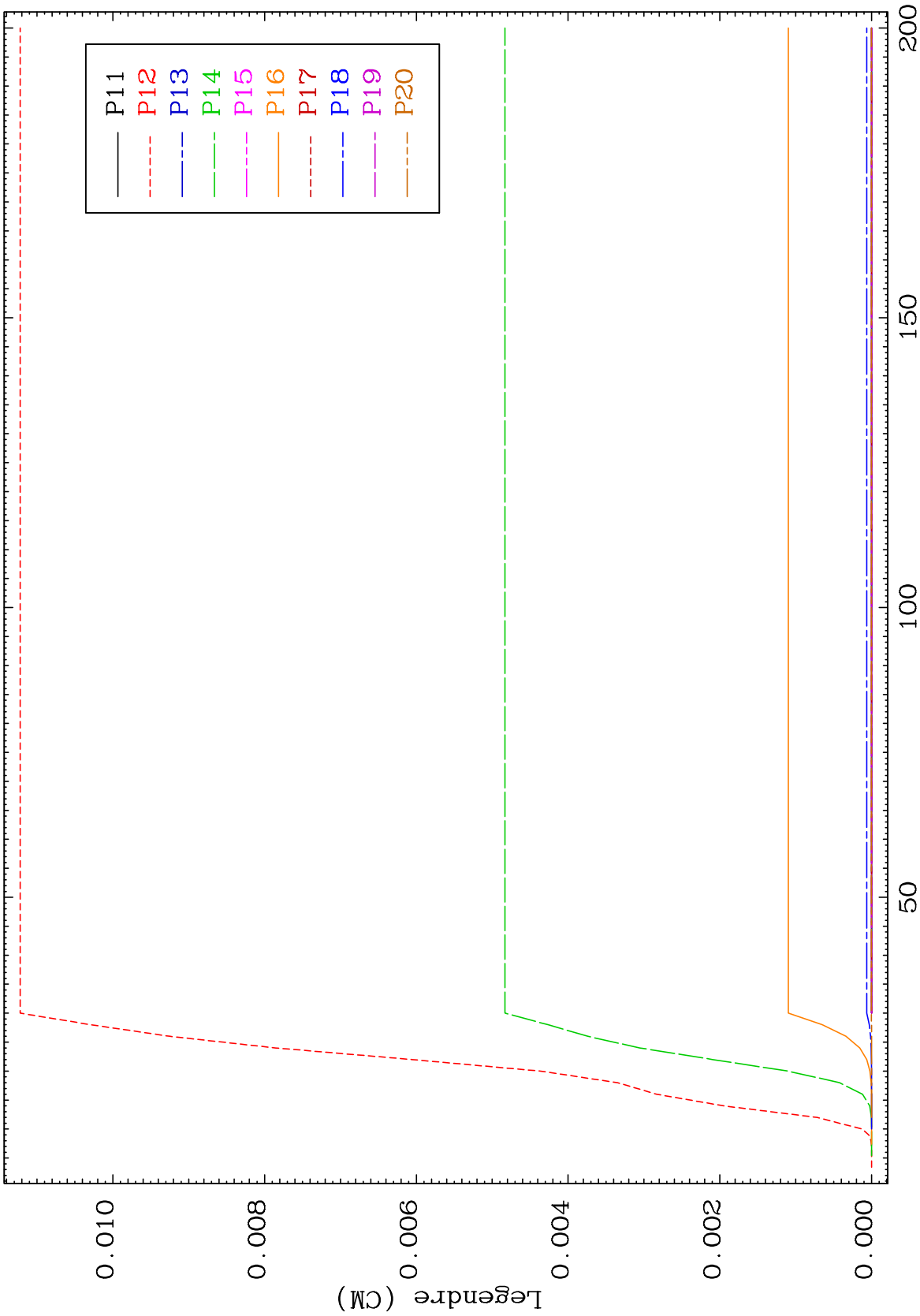
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



47

Incident Energy (MeV)

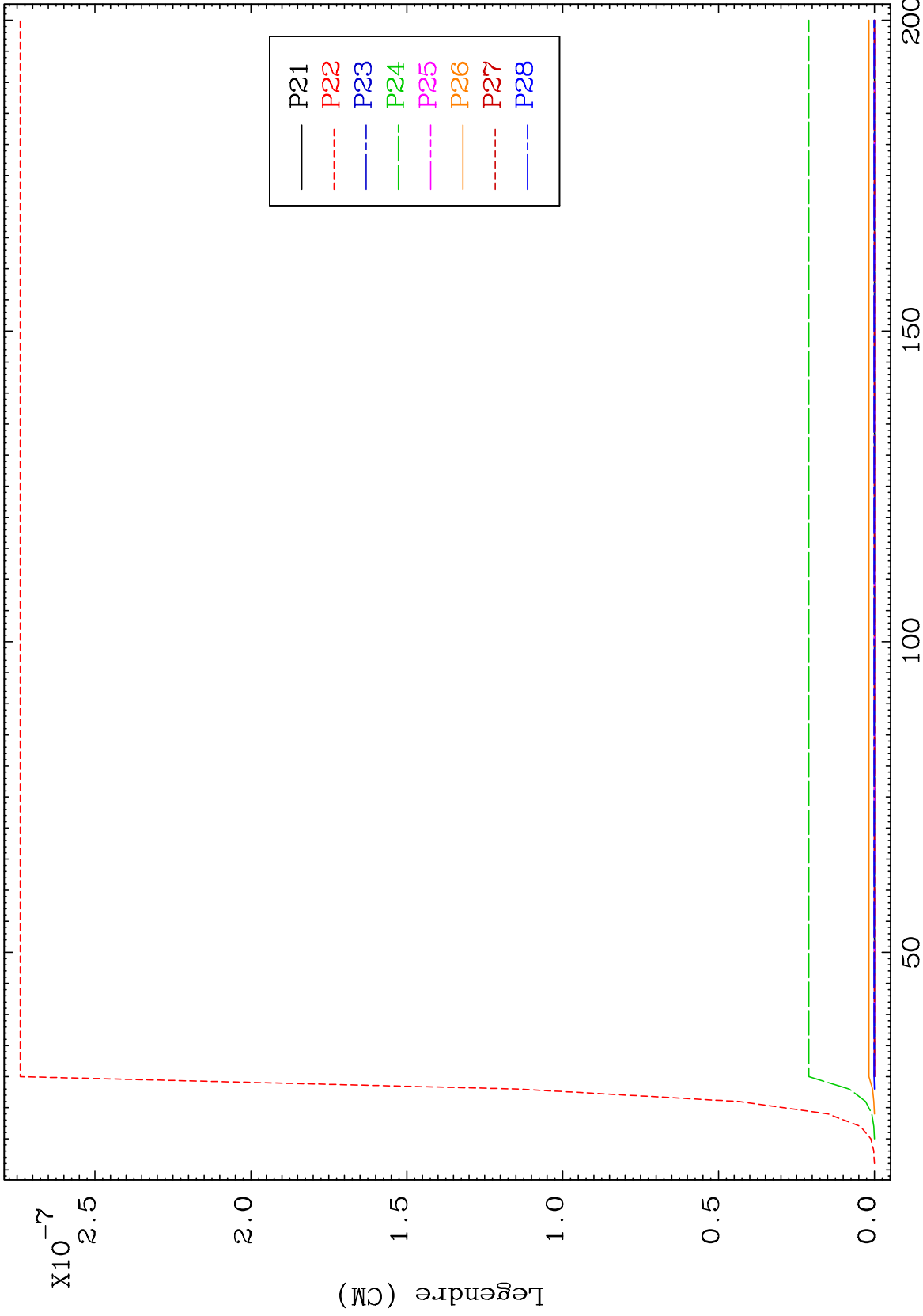
36-Kr-82



MAT 3637

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

36-Kr-82



48

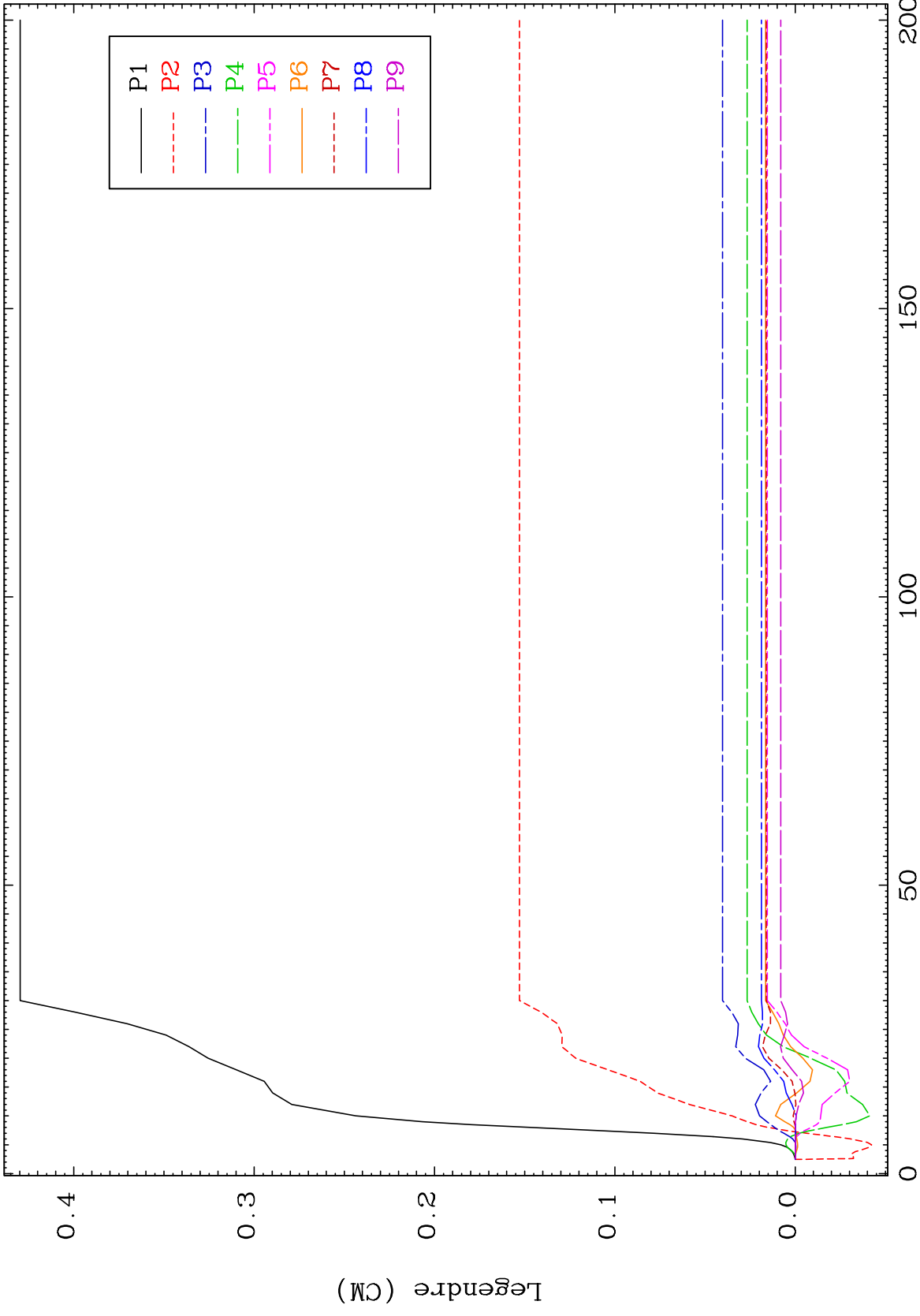
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



49

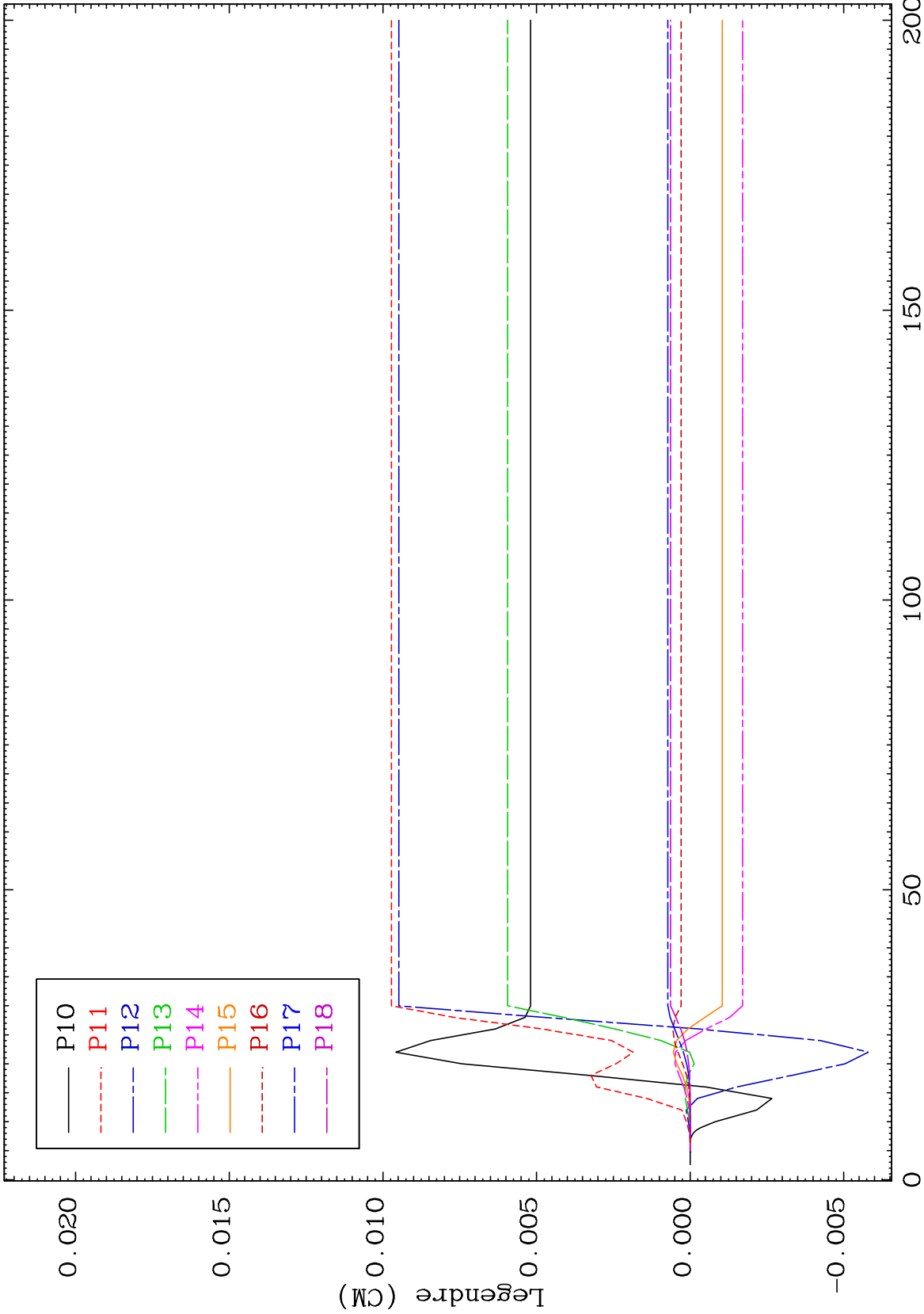
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



50

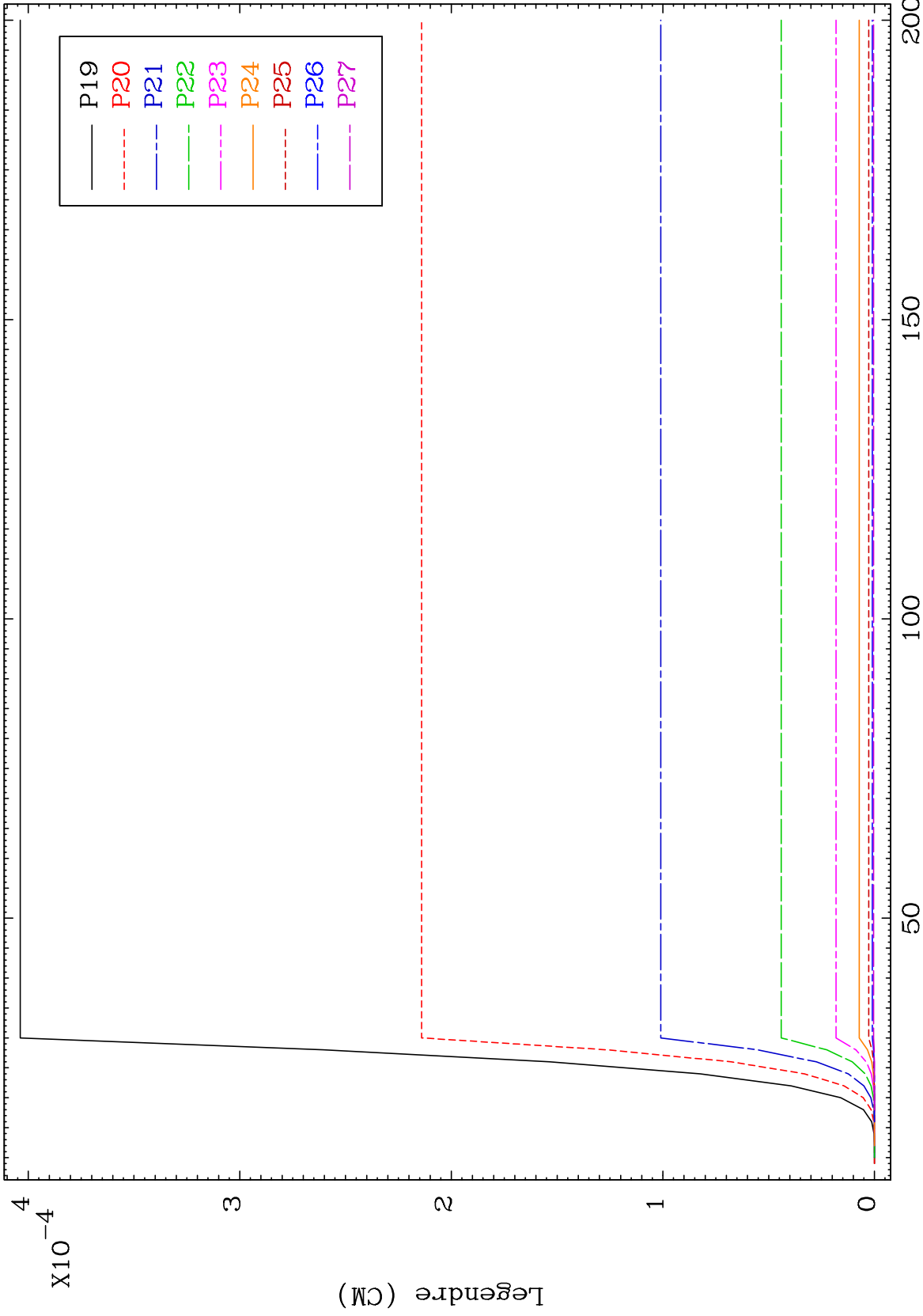
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



51

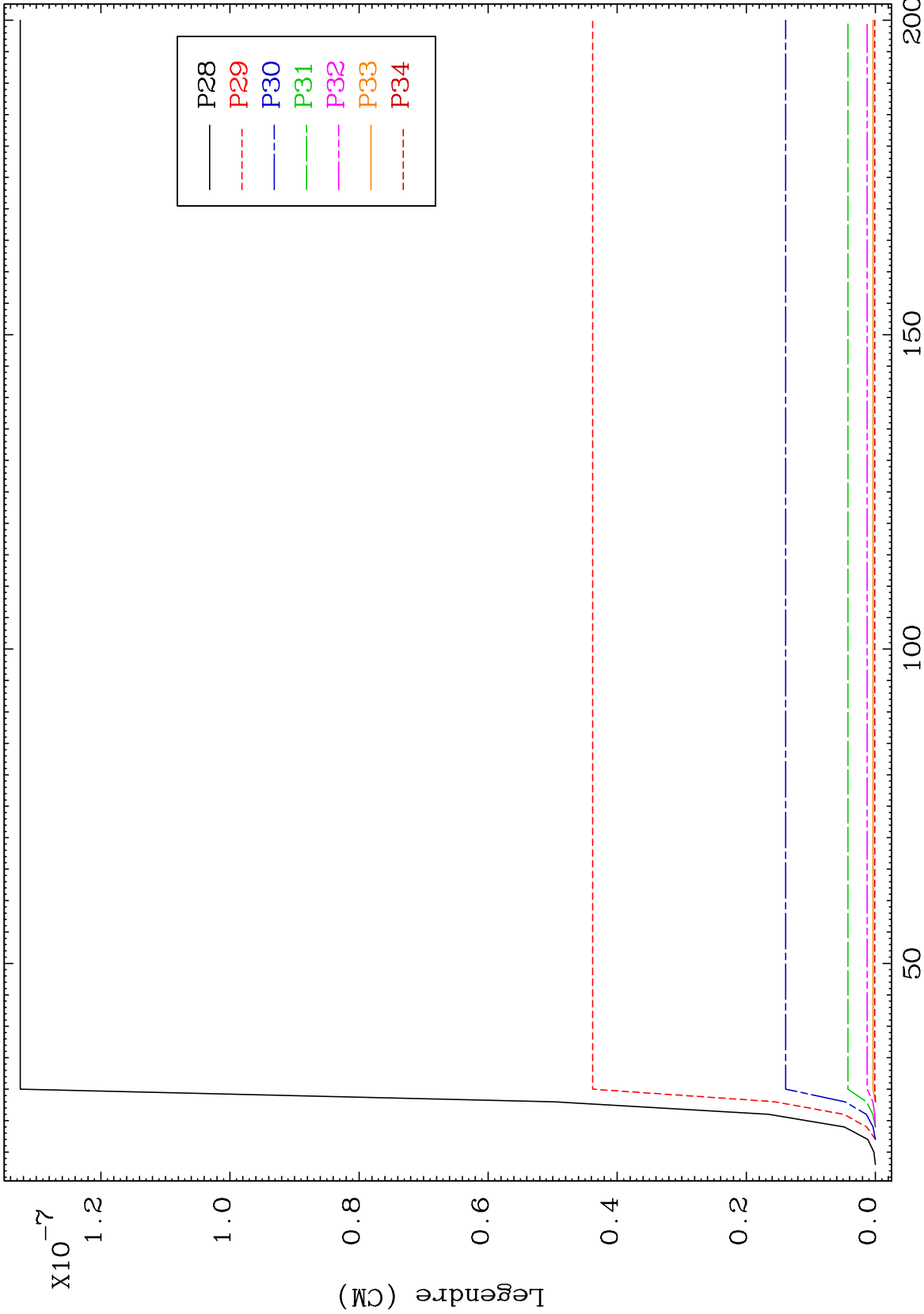
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



52

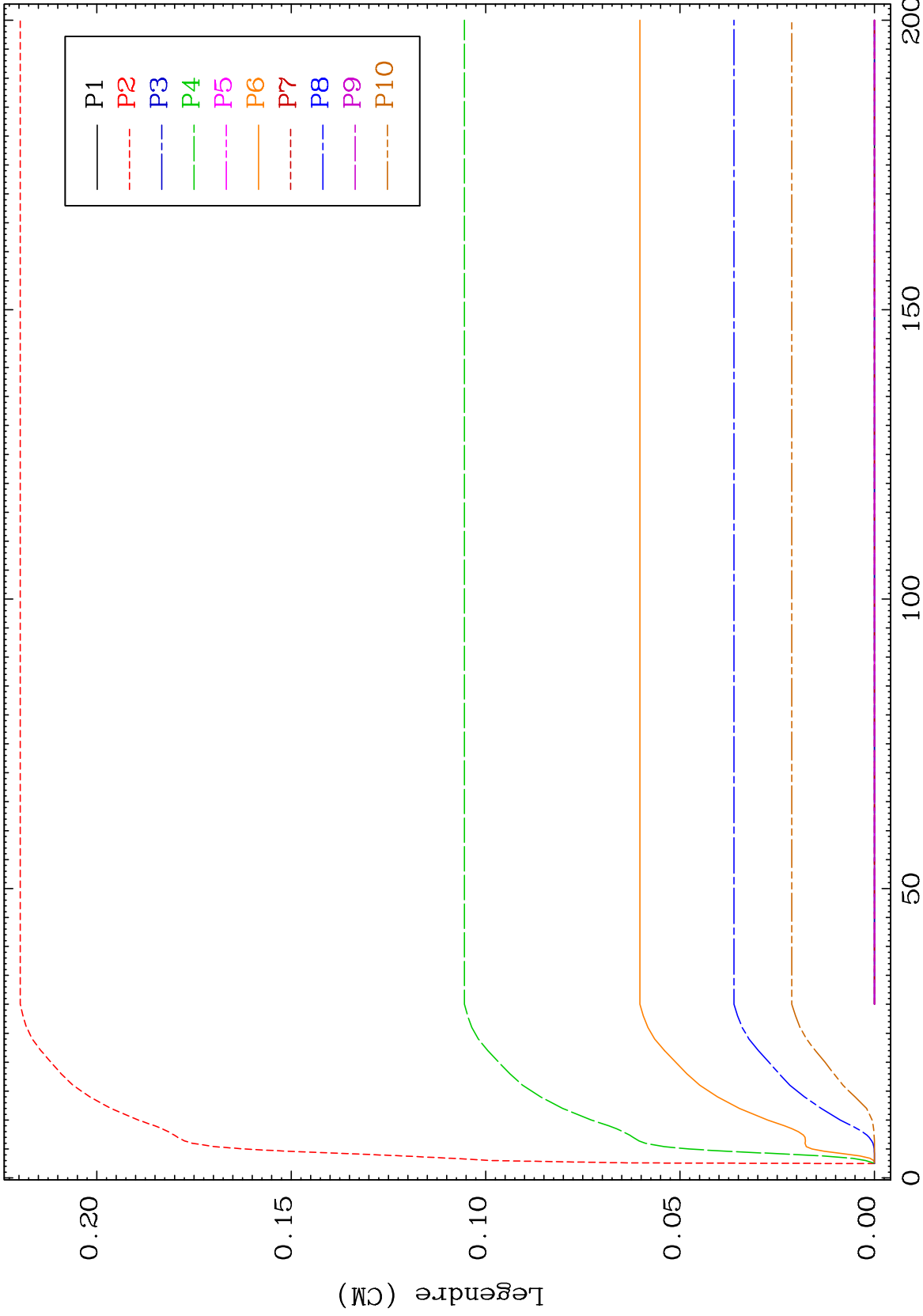
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



53

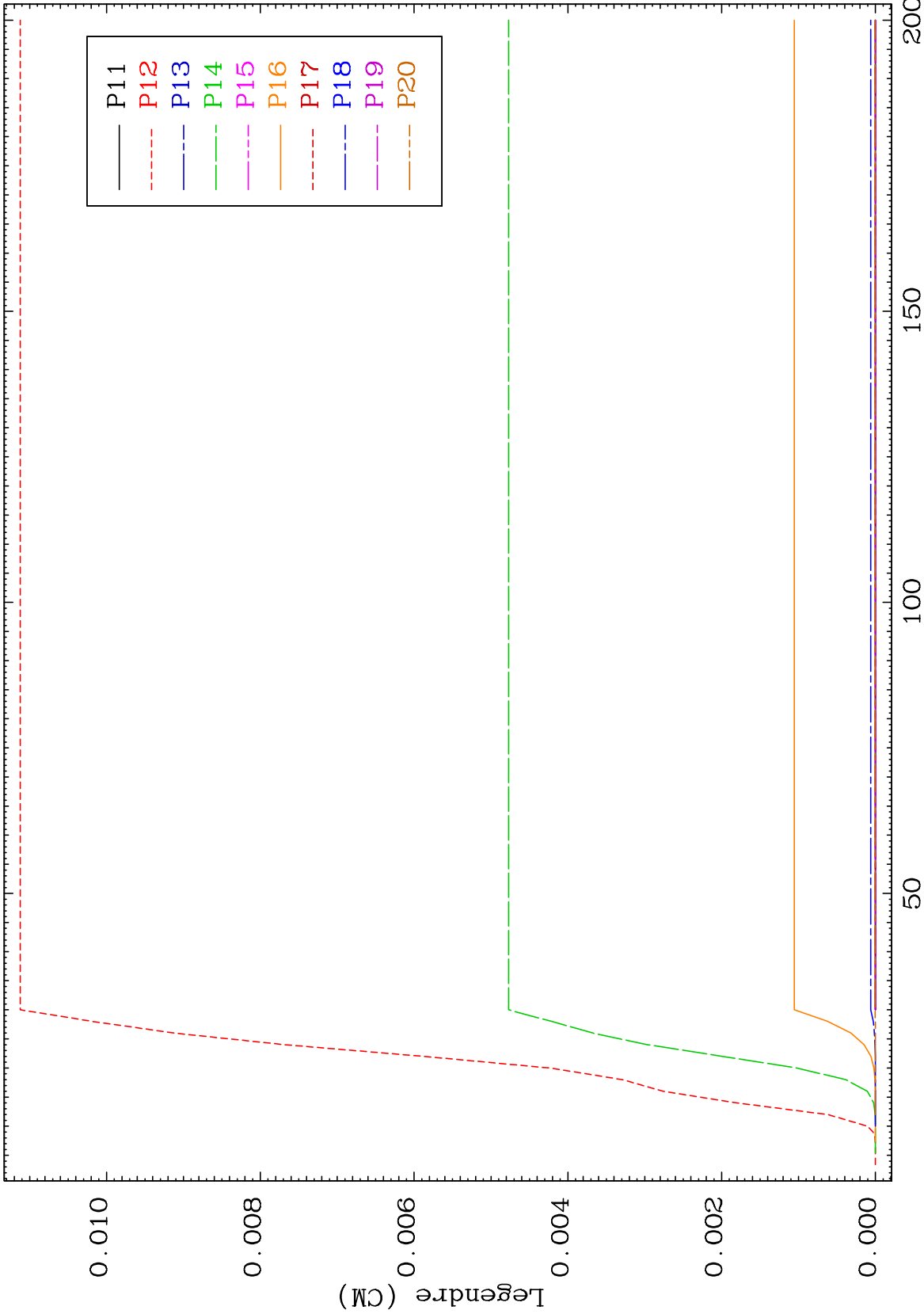
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



54

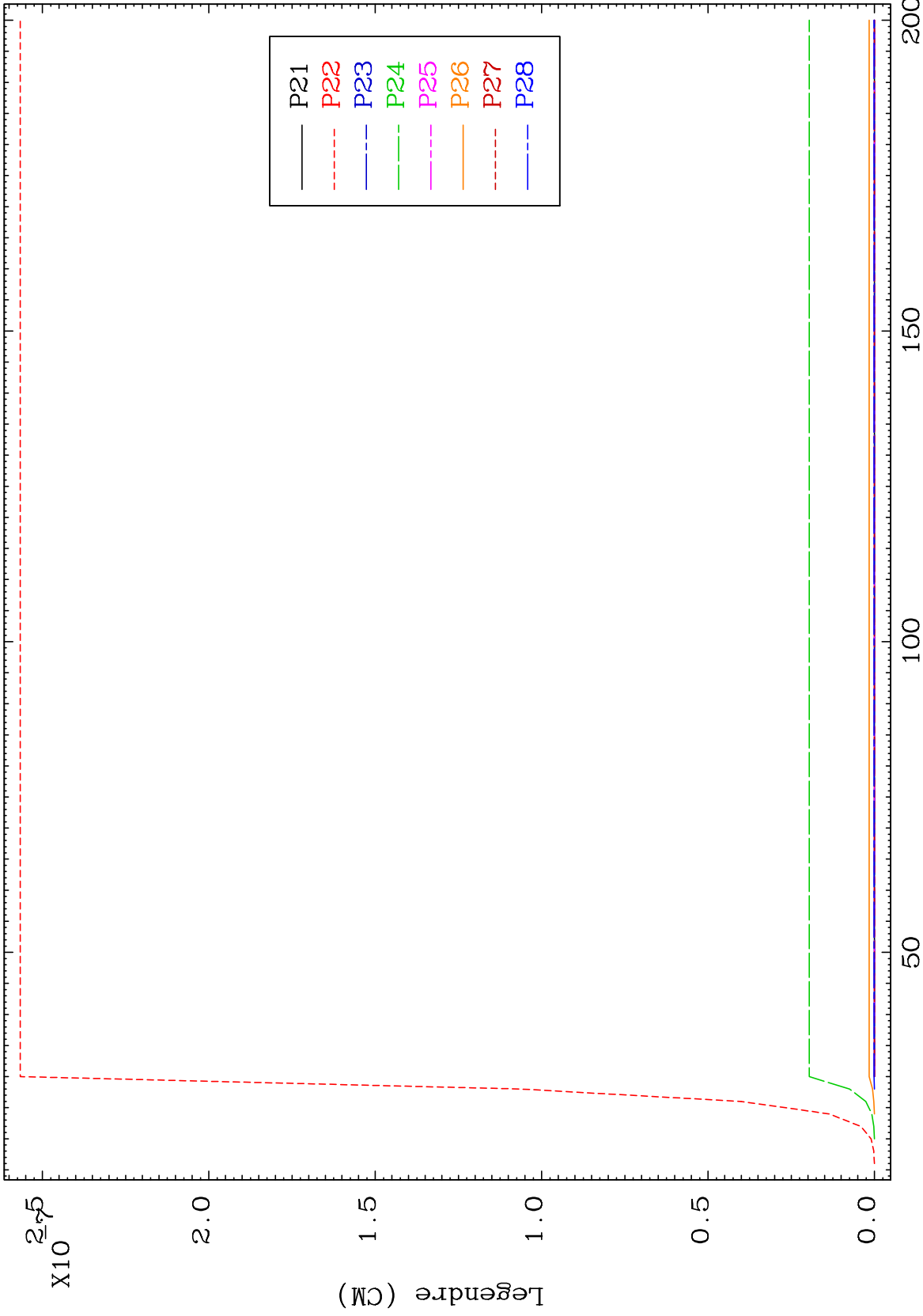
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



55

Incident Energy (MeV)

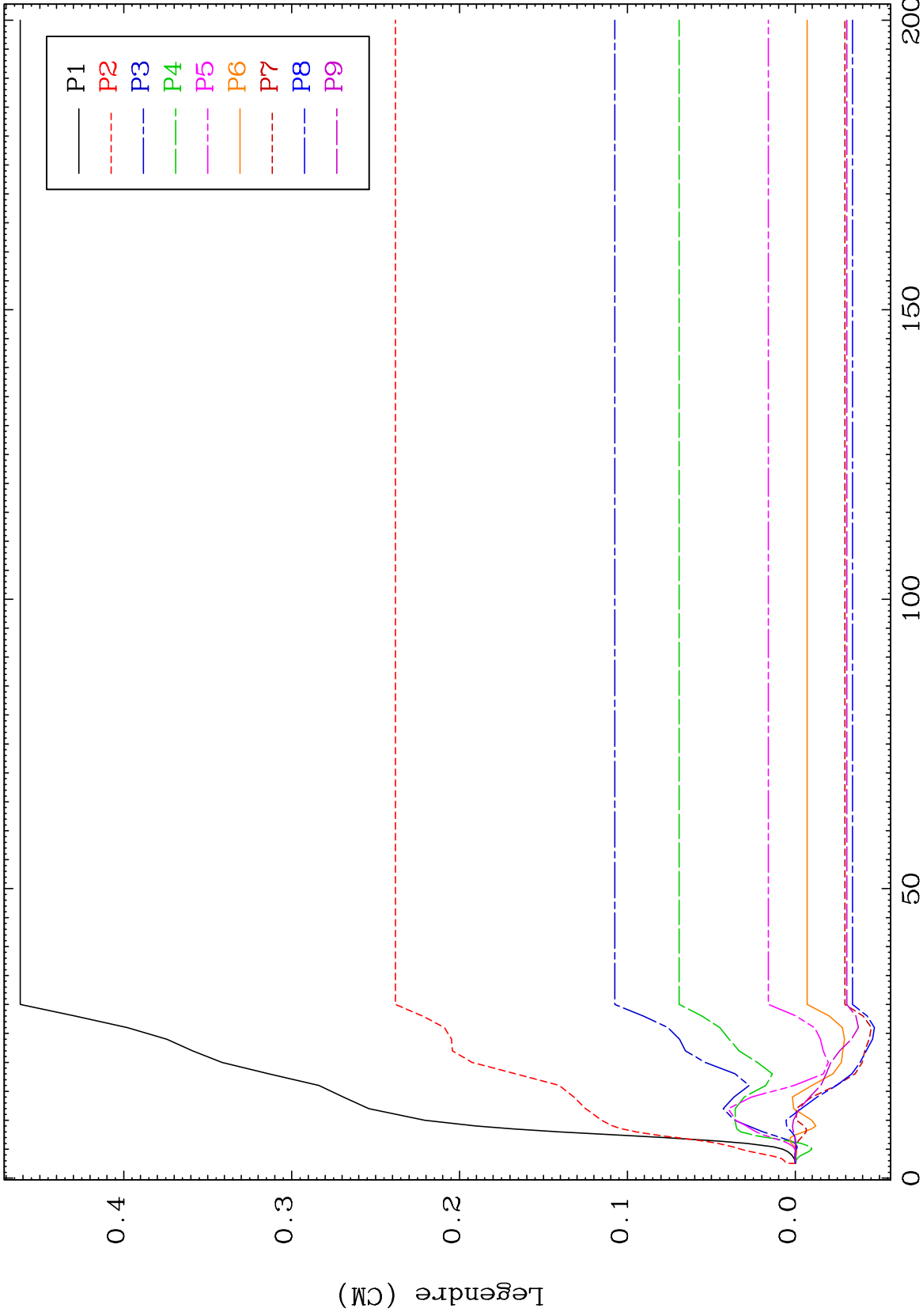
36-Kr-82



MAT 3637

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

36-Kr-82



56

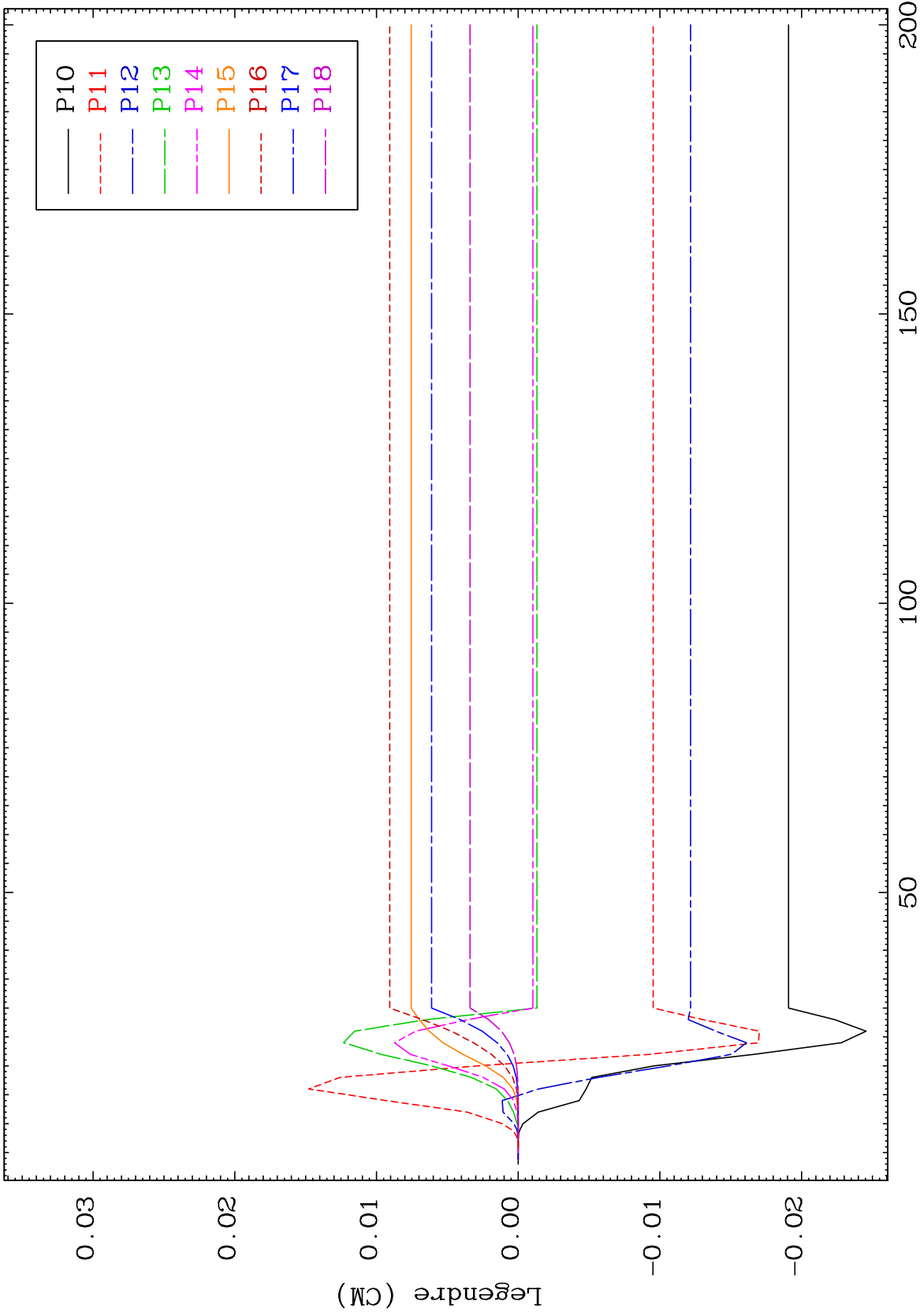
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



57

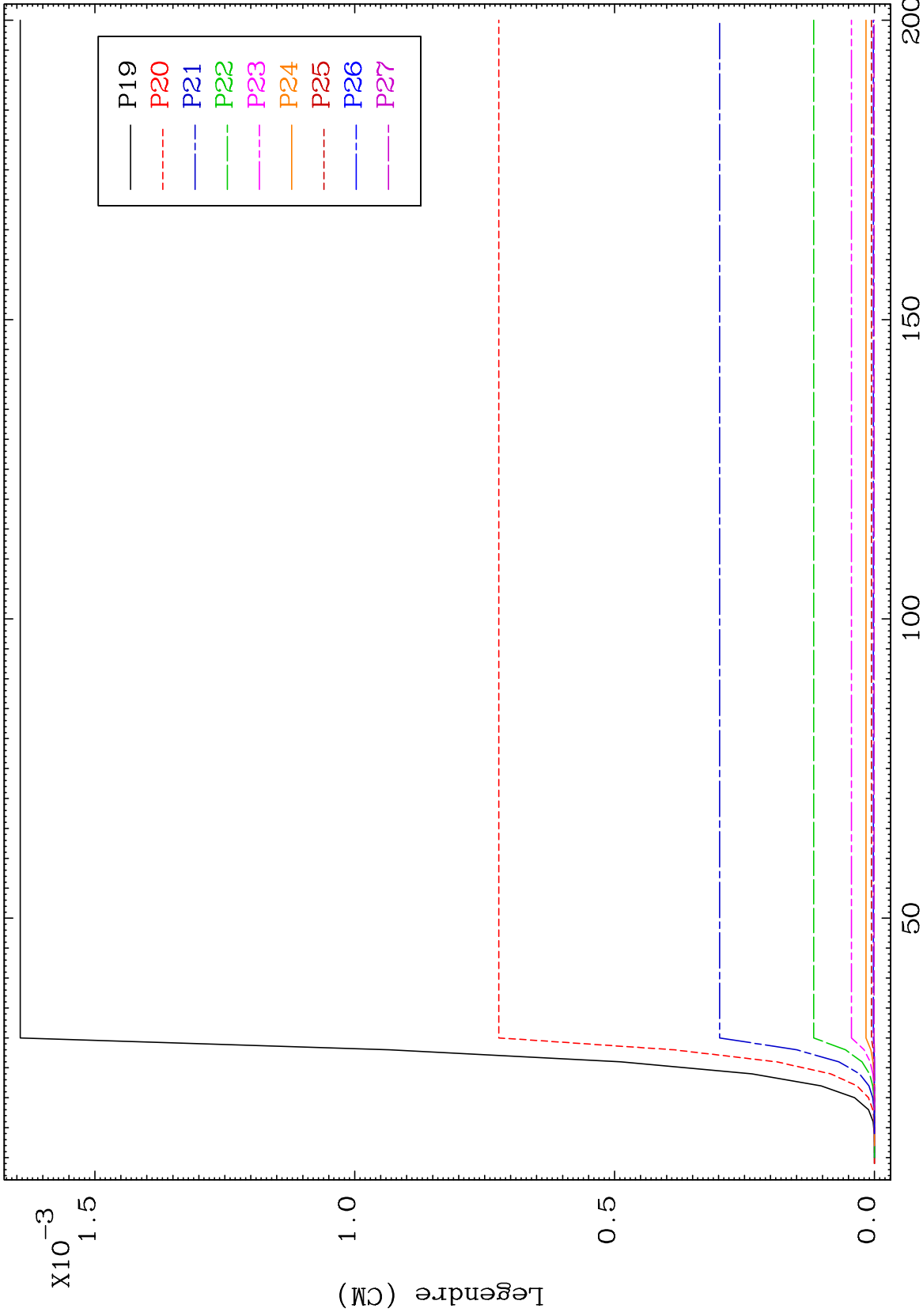
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



58

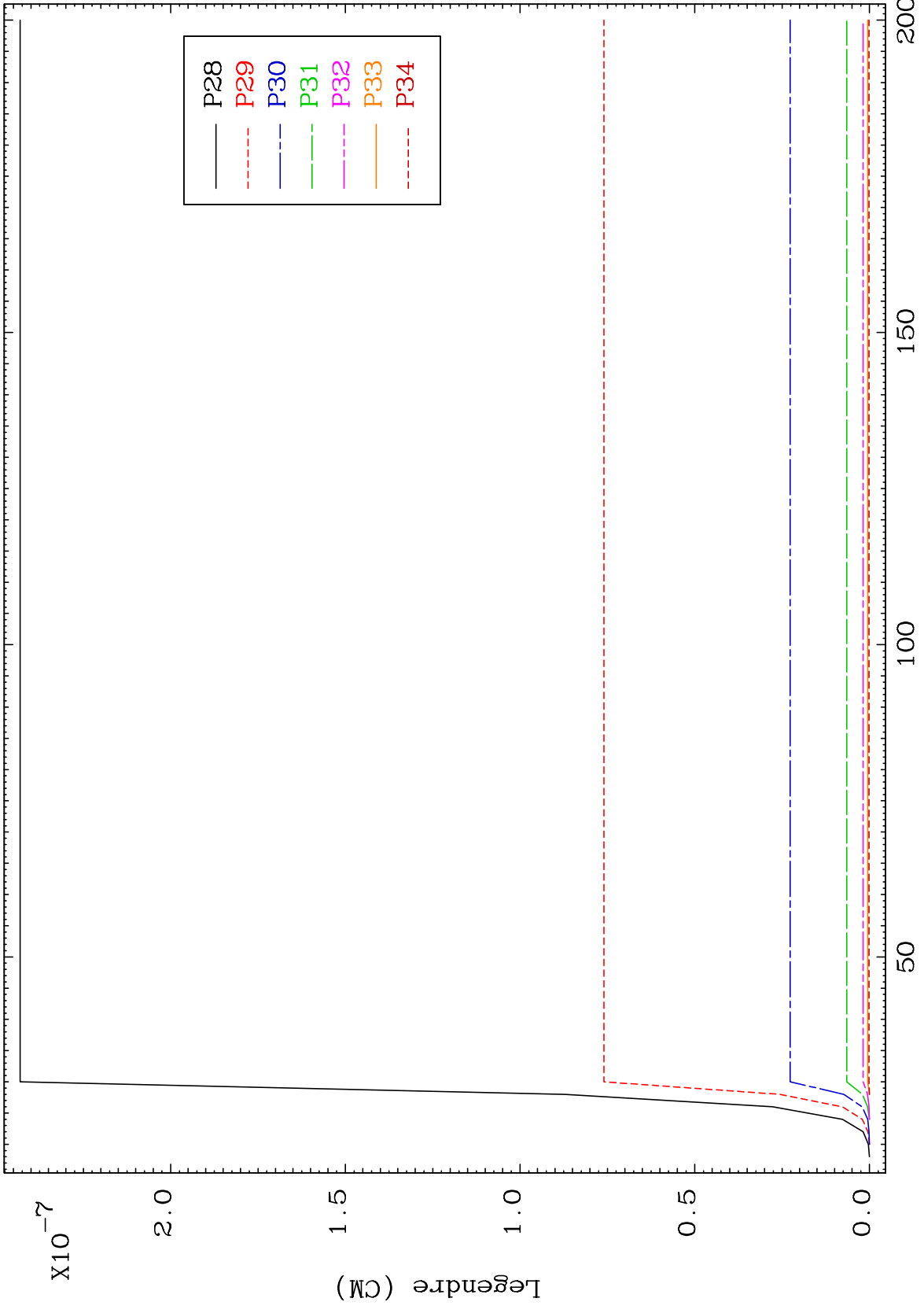
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



59

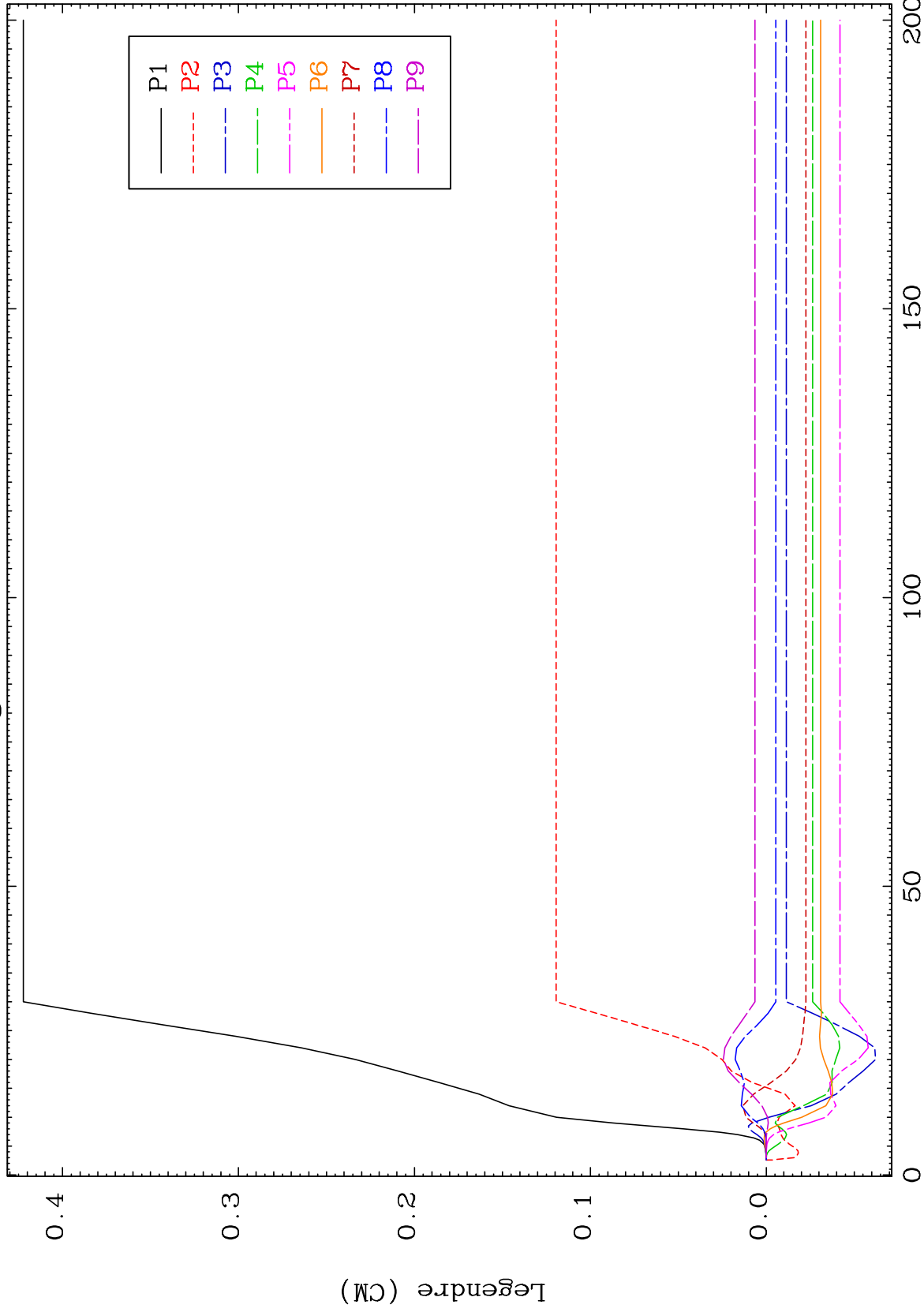
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



60

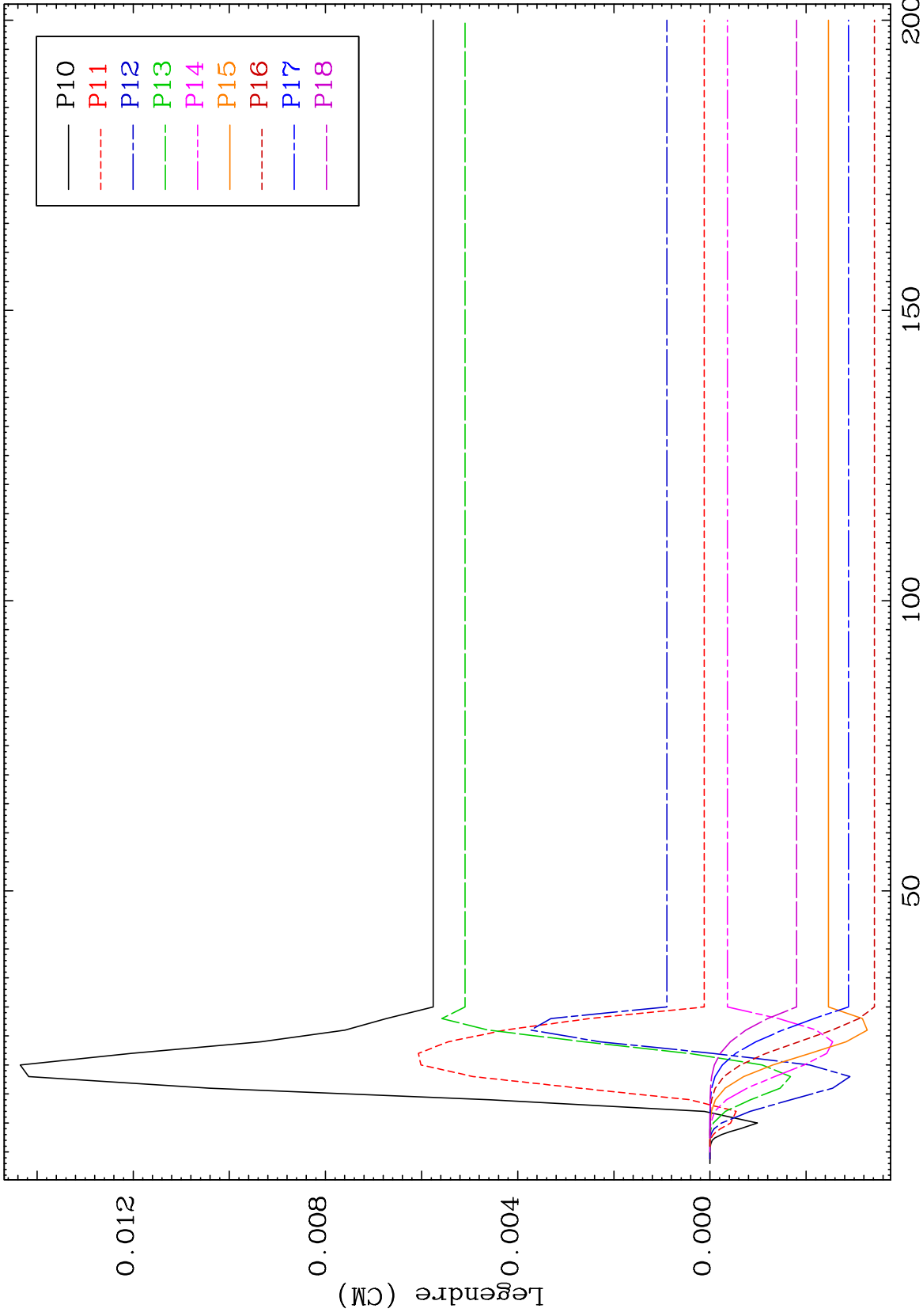
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



61

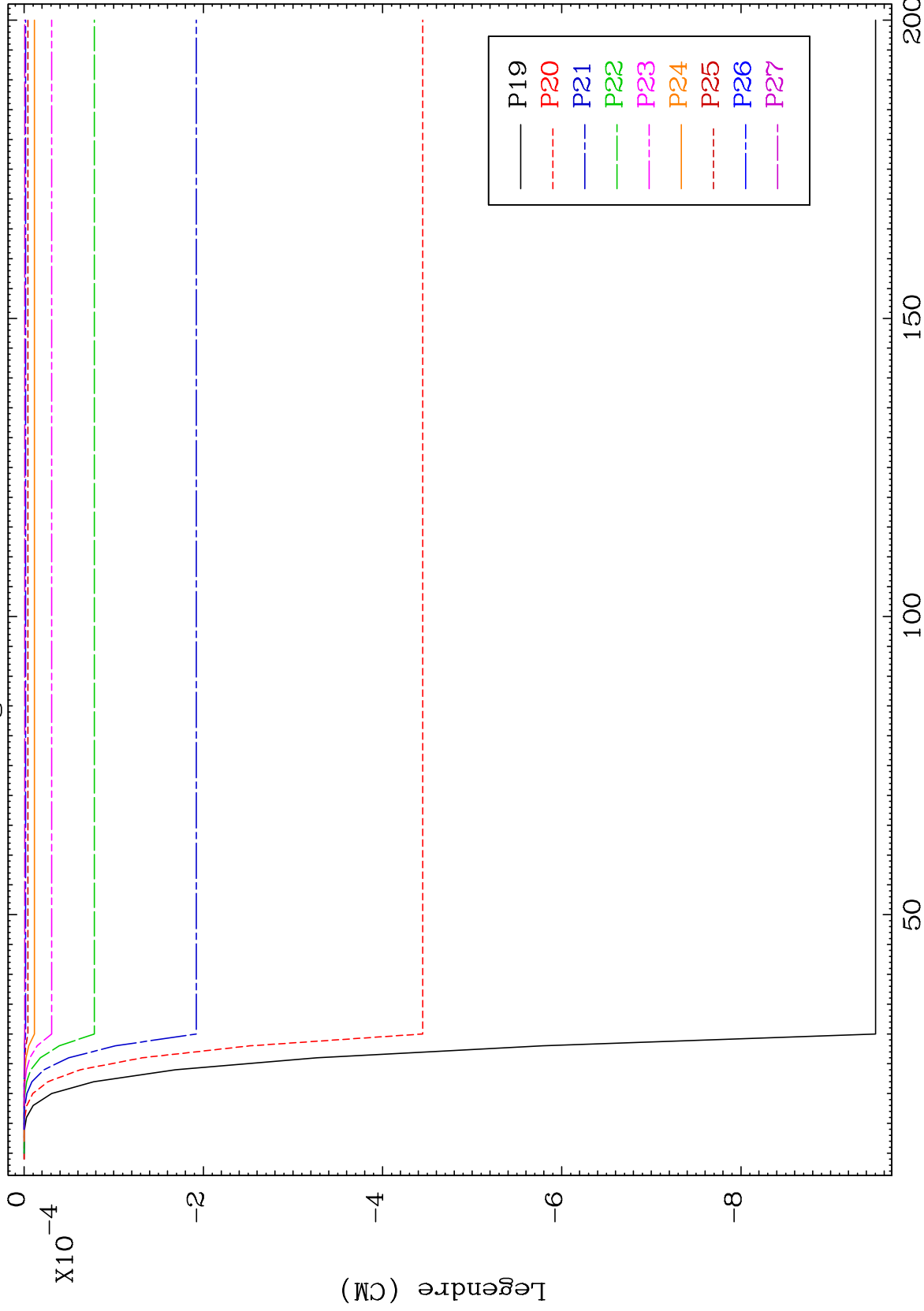
Incident Energy (MeV)

36-Kr-82

36-Kr-82

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

MAT 3637



36-Kr-82

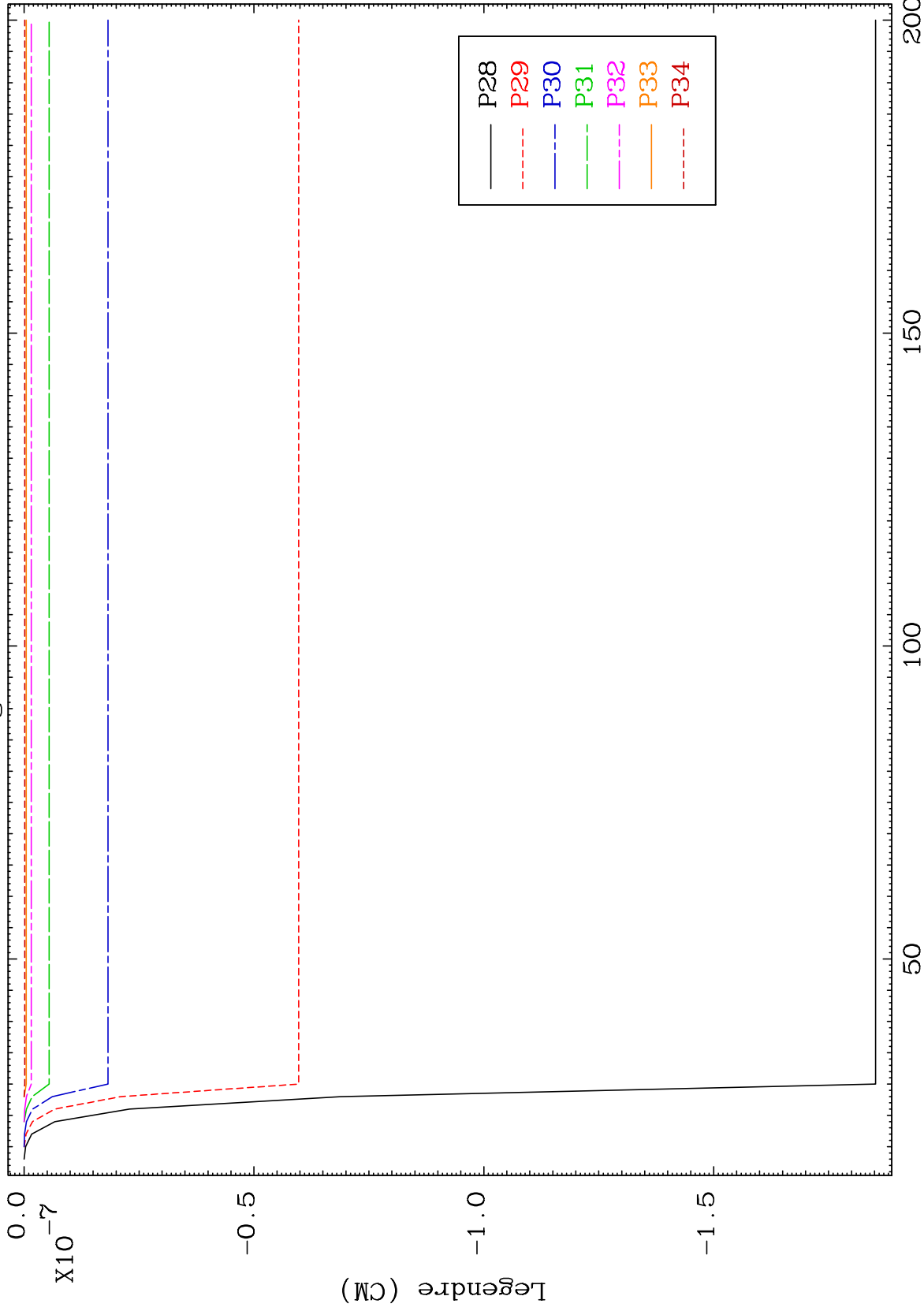
Incident Energy (MeV)

62

MAT 3637

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

36-Kr-82



63

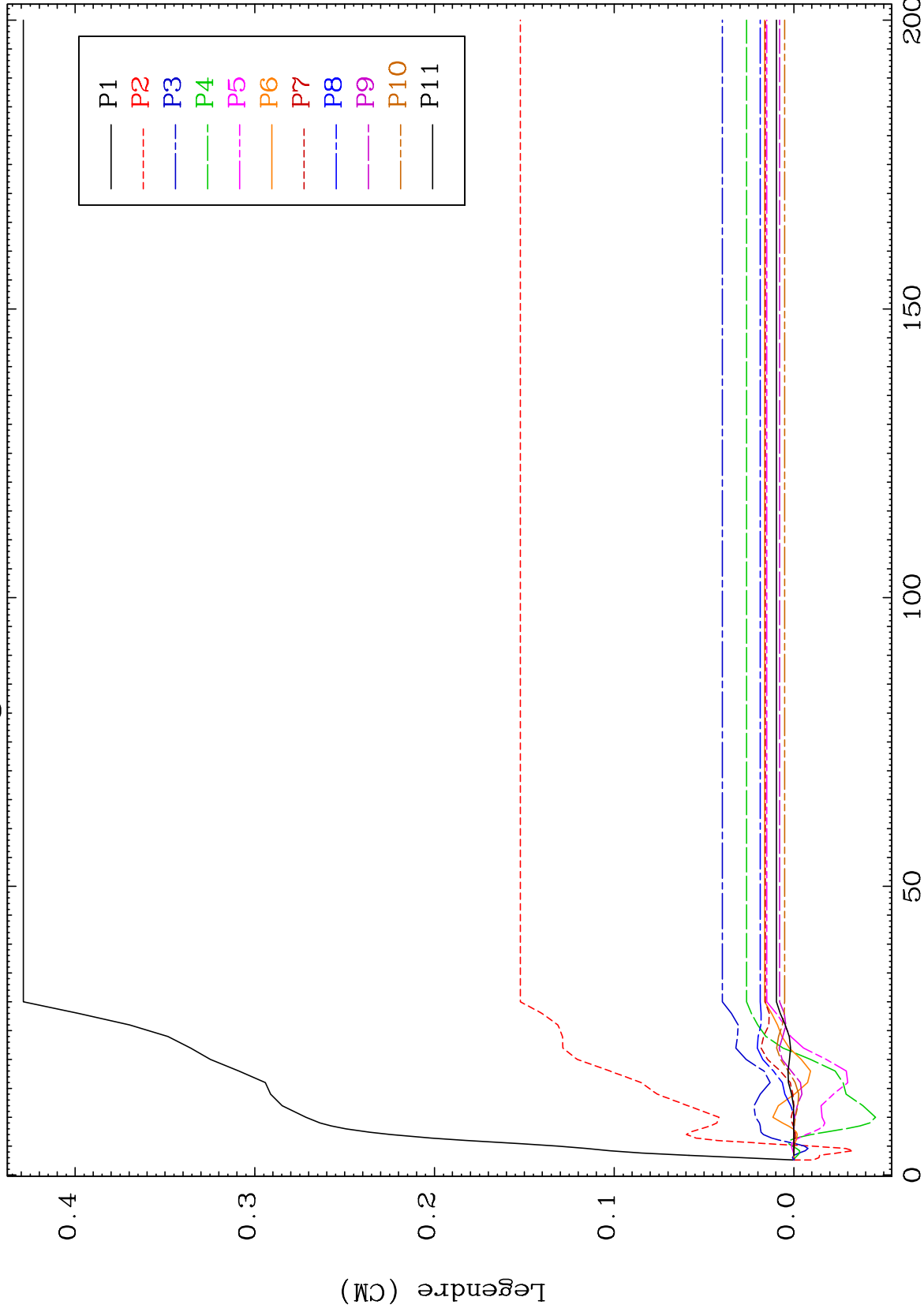
36-Kr-82



MAT 3637

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

36-Kr-82



64

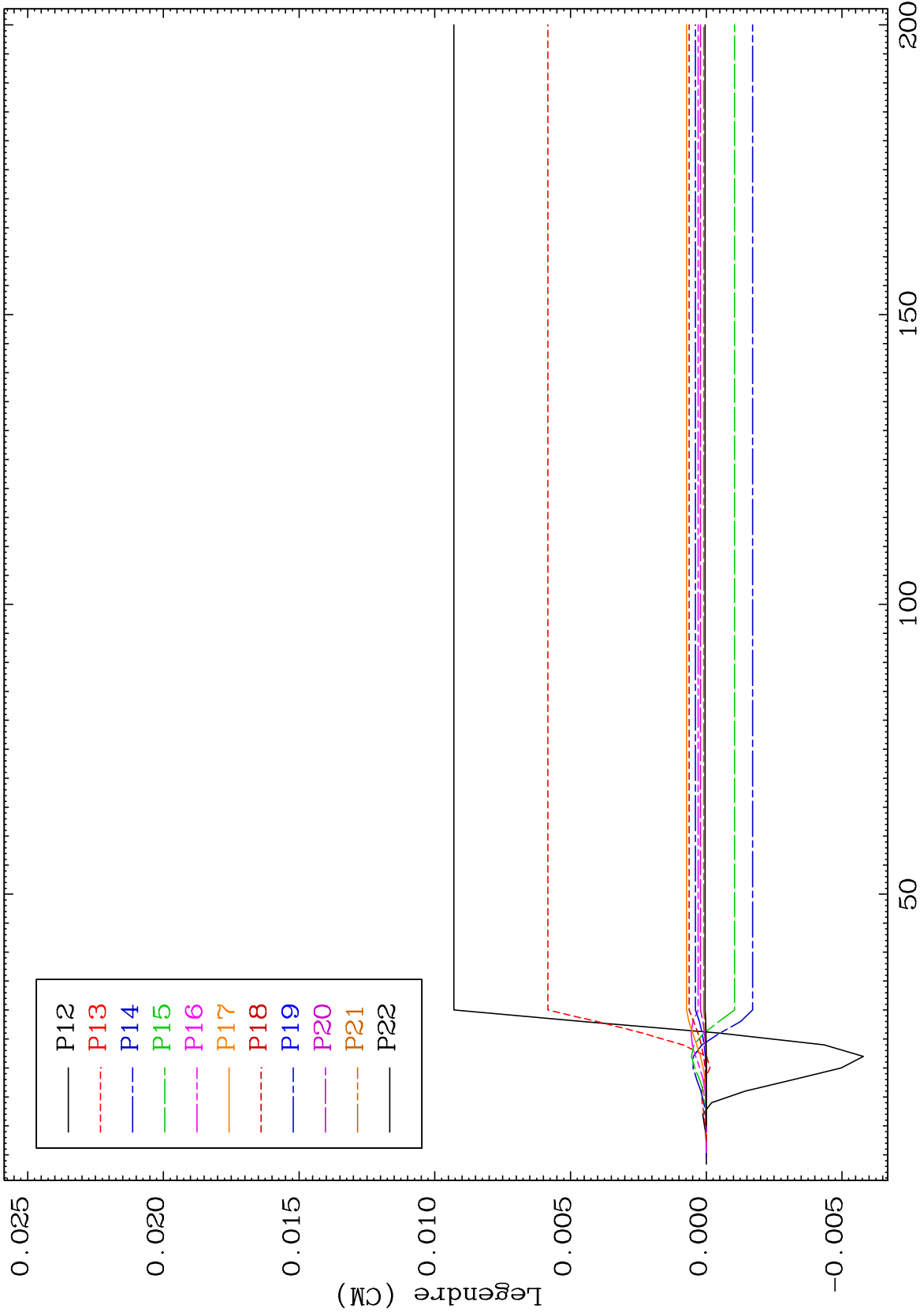
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



65

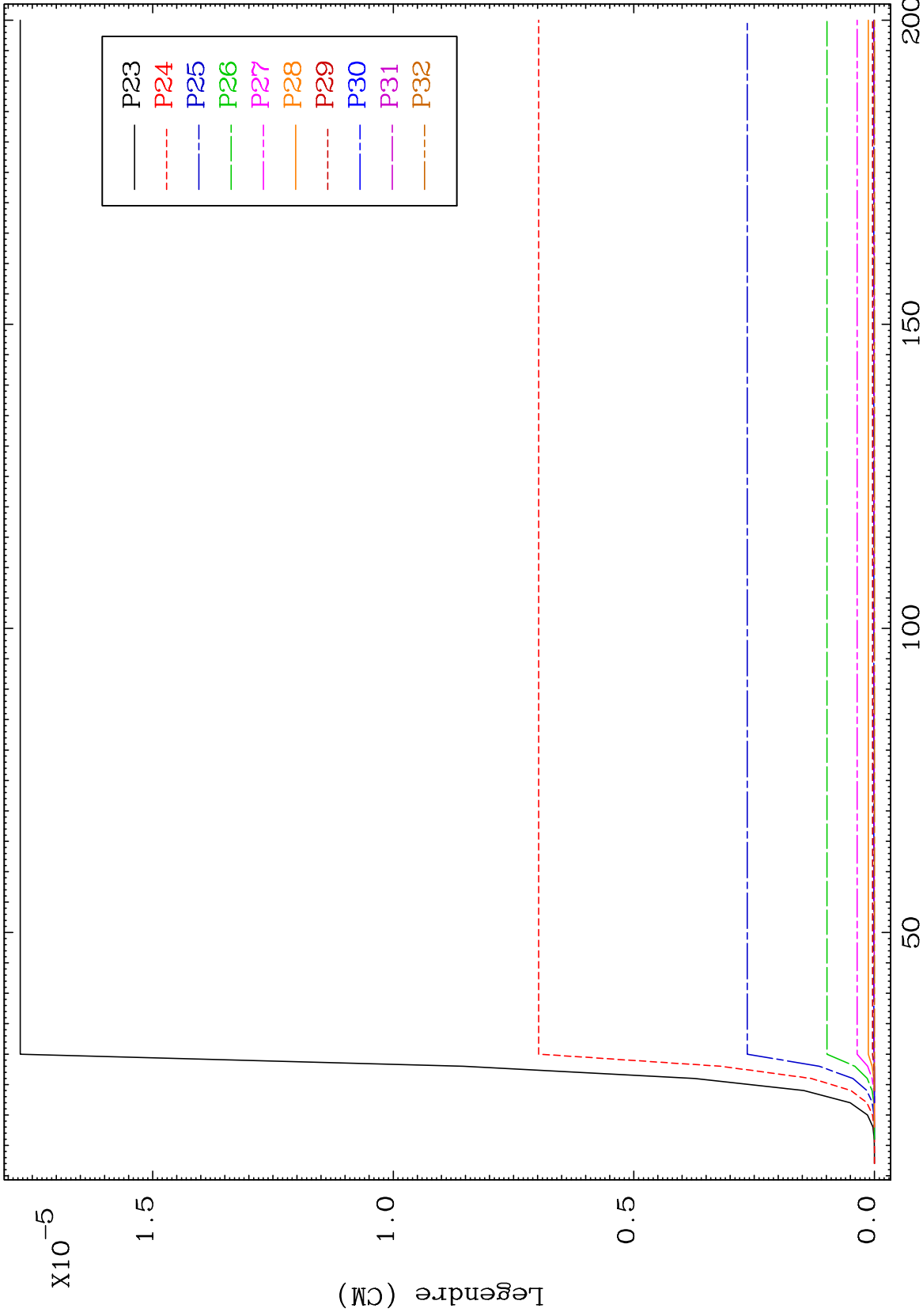
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



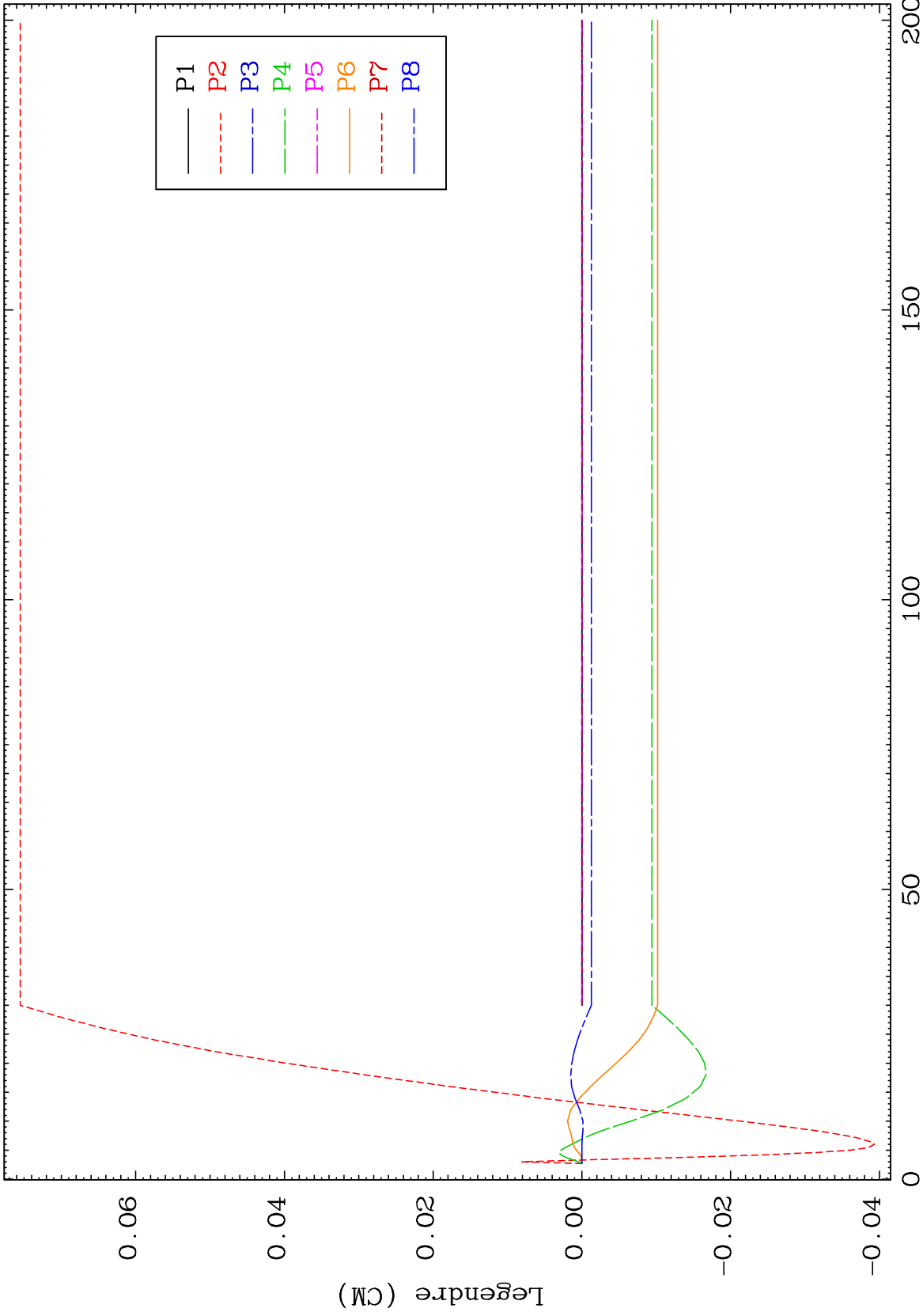
66

36-Kr-82

MAT 3637

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

36-Kr-82



67

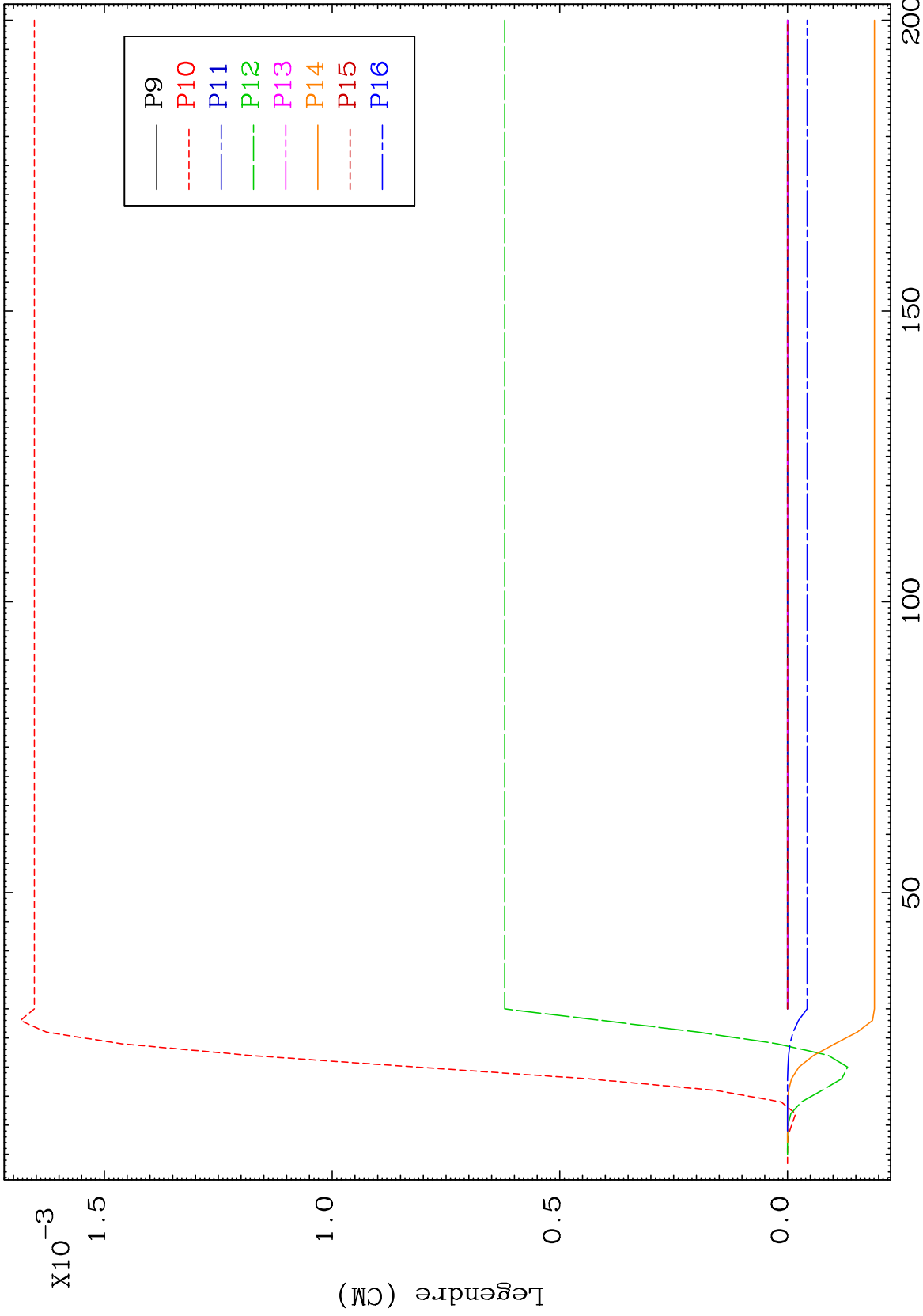
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



68

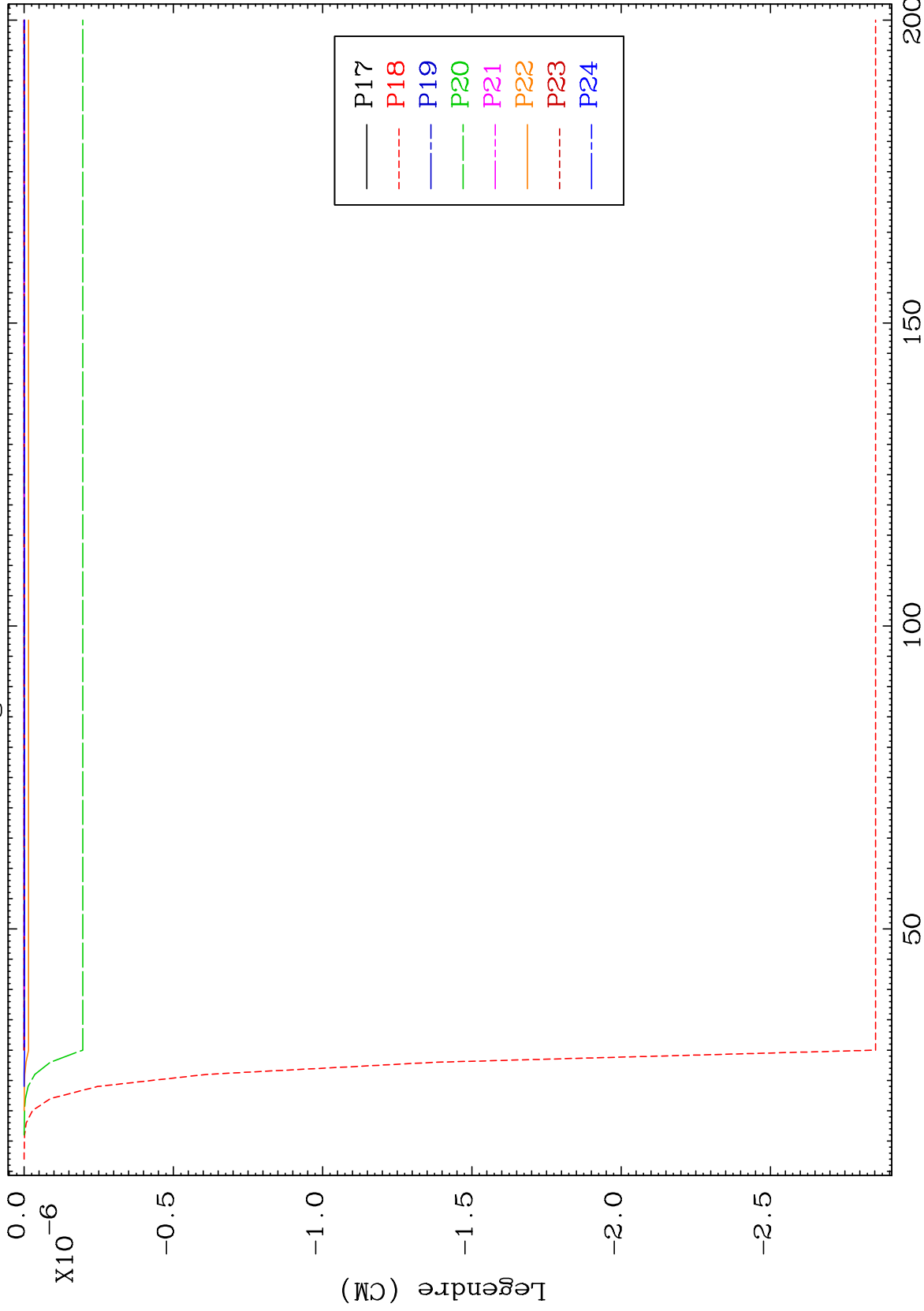
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



69

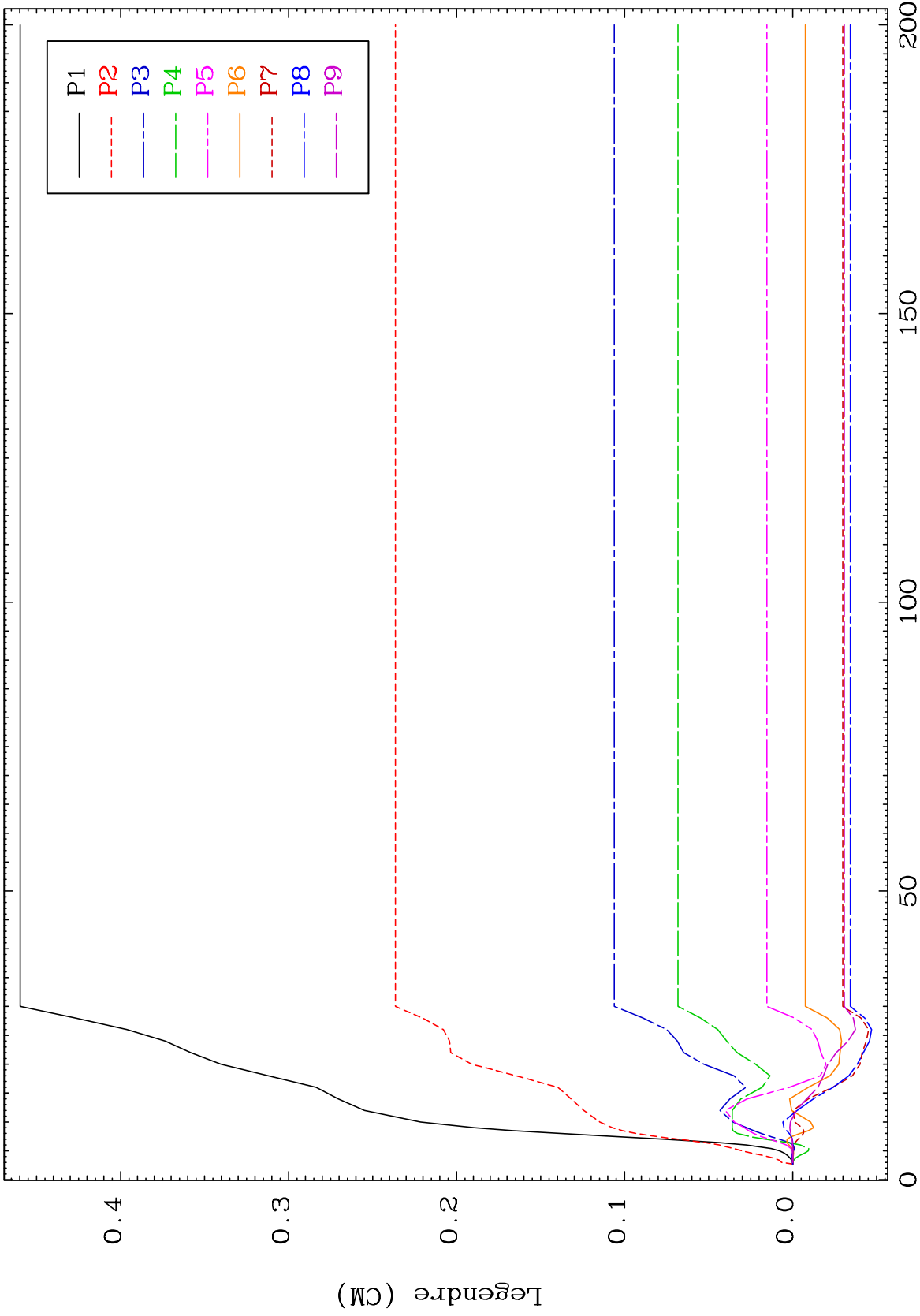
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



70

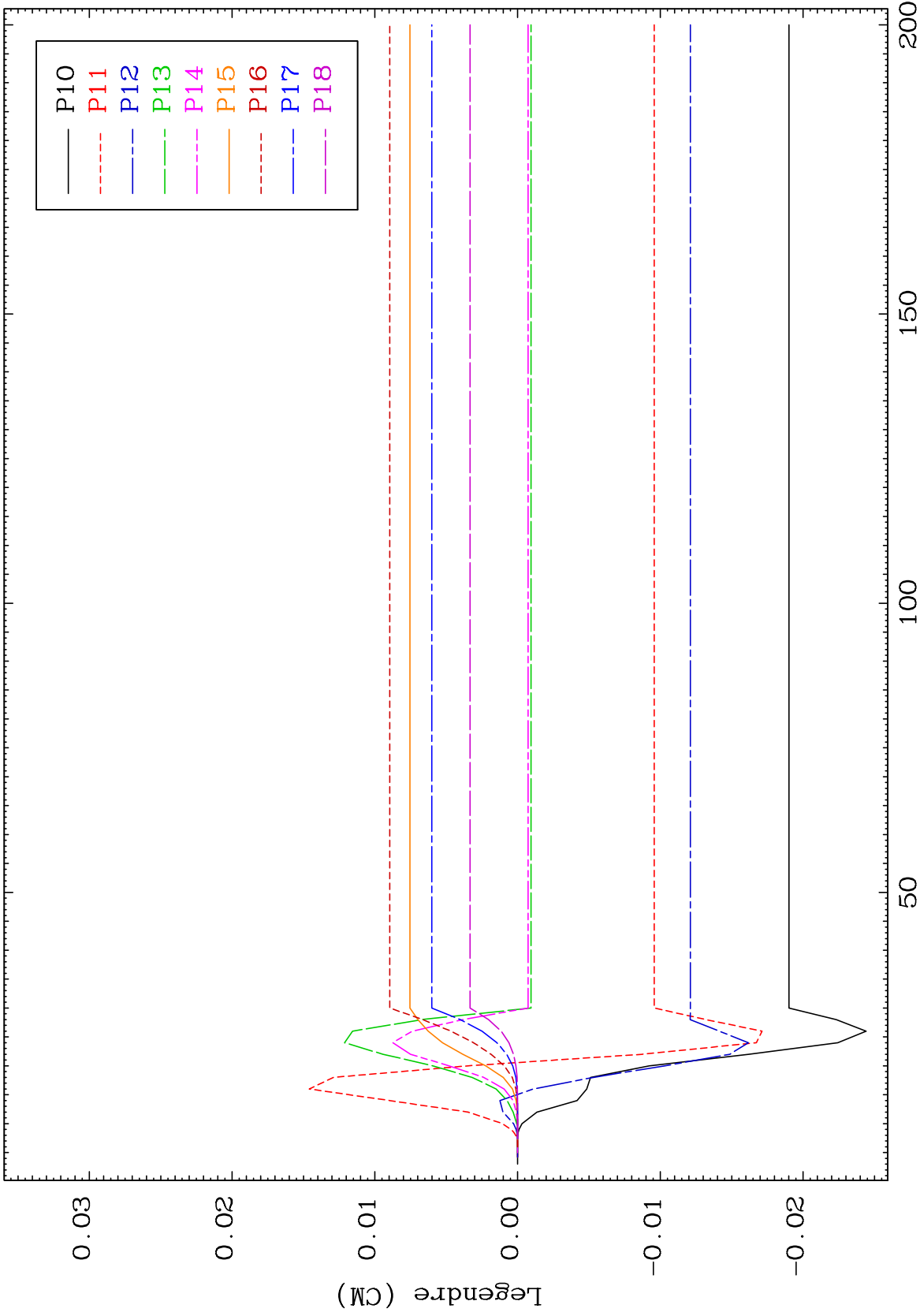
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



71

Incident Energy (MeV)

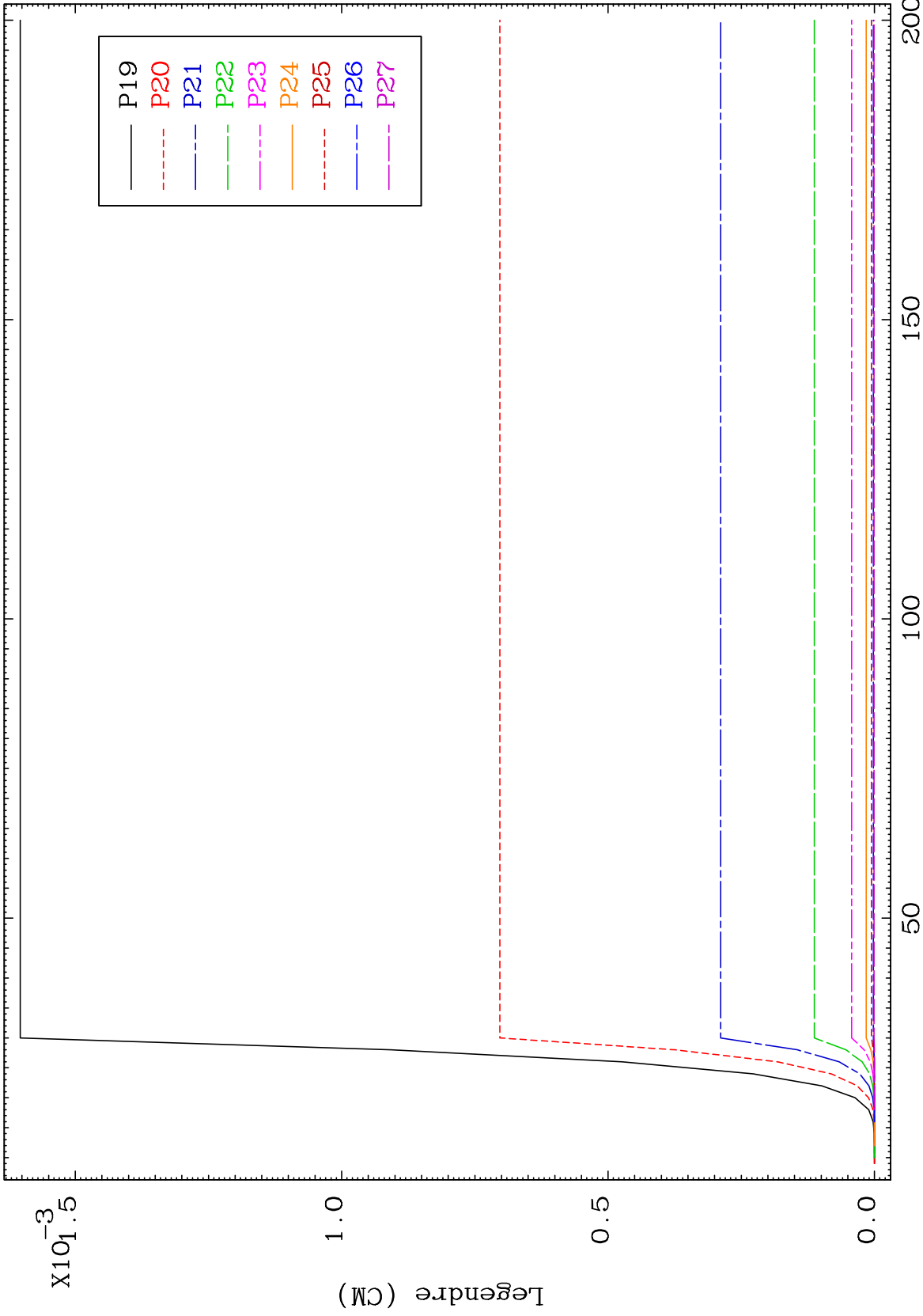
36-Kr-82



MAT 3637

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

36-Kr-82



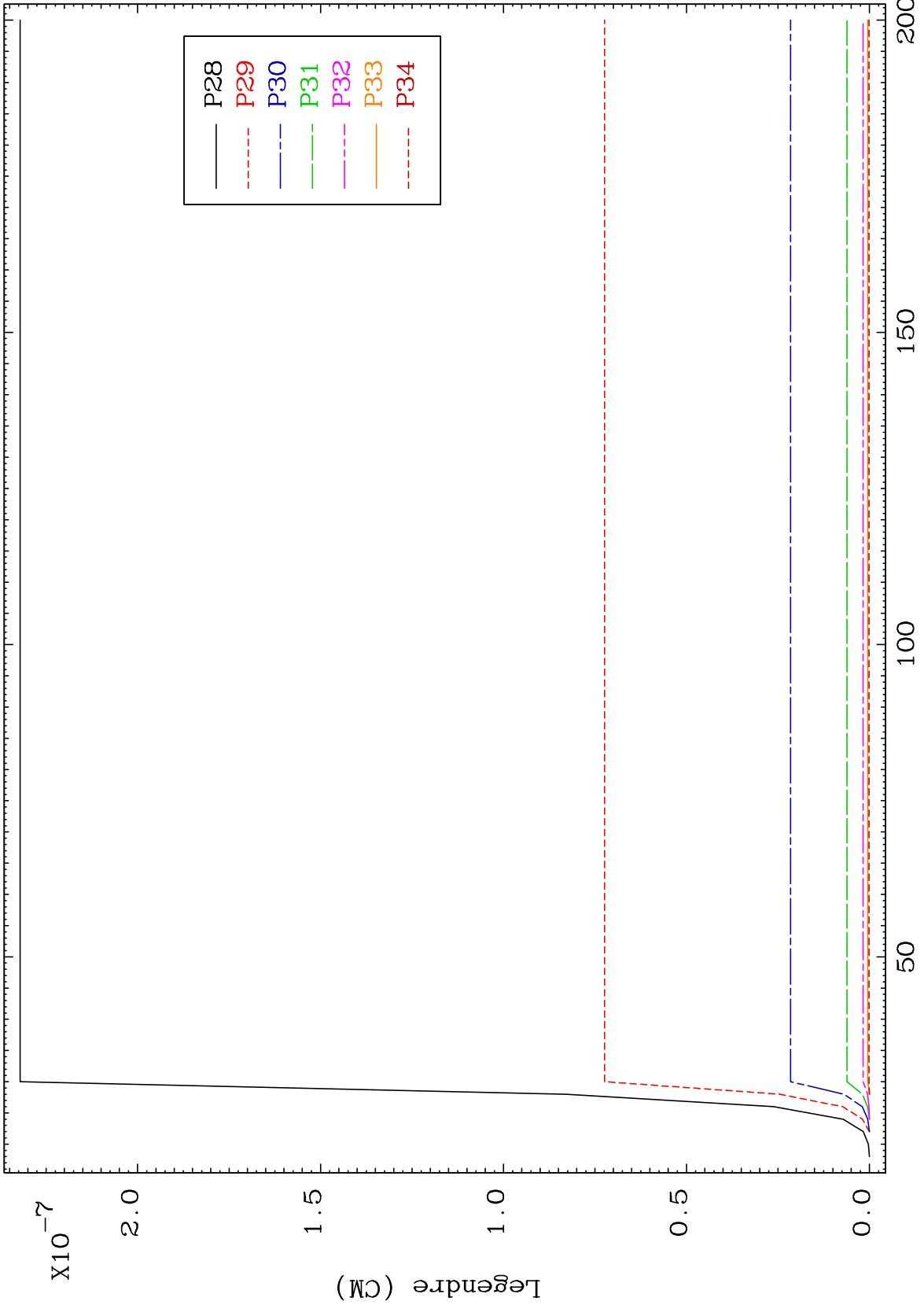
72

36-Kr-82

MAT 3637

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

36-Kr-82



73

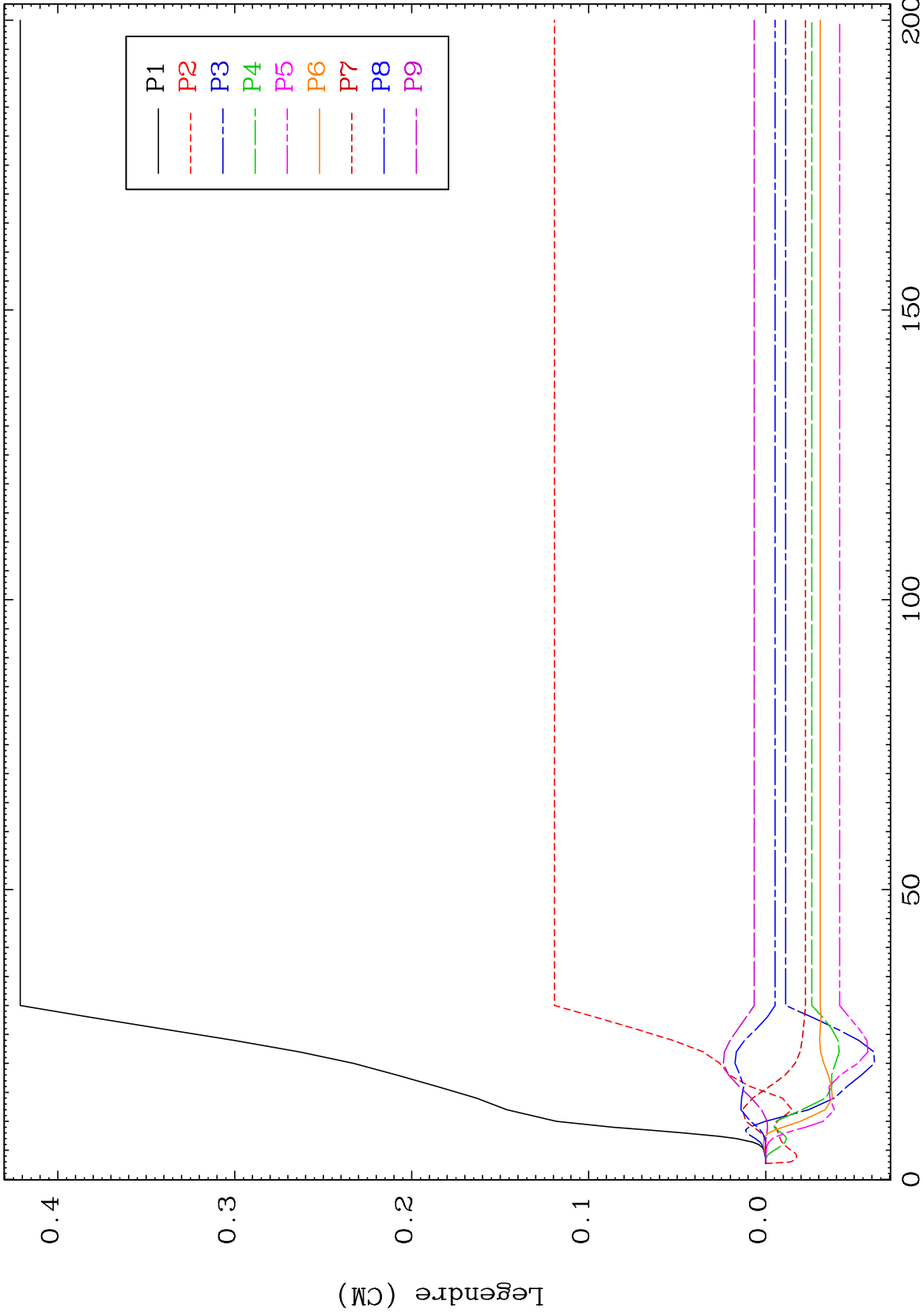
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



74

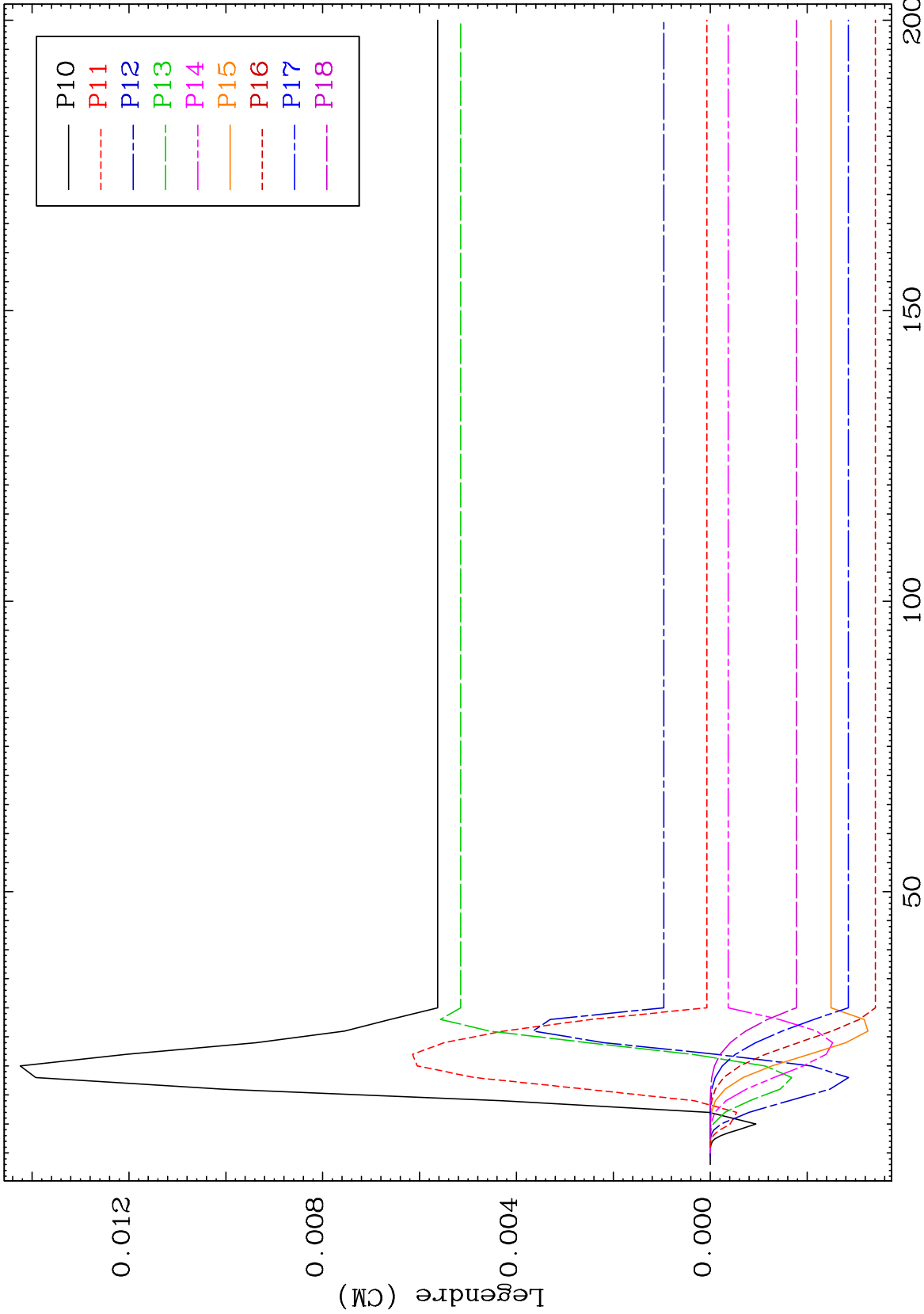
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



75

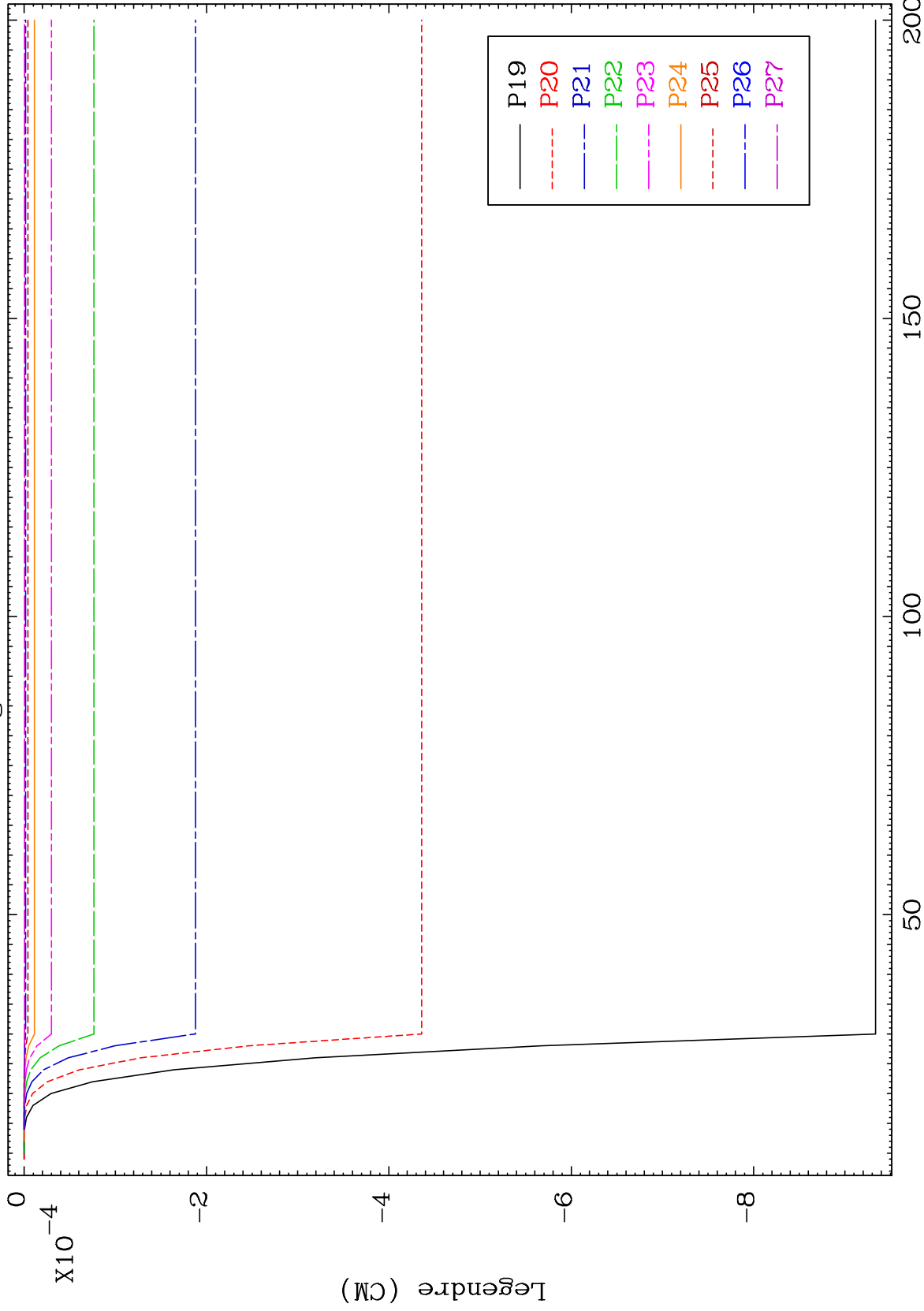
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



36-Kr-82

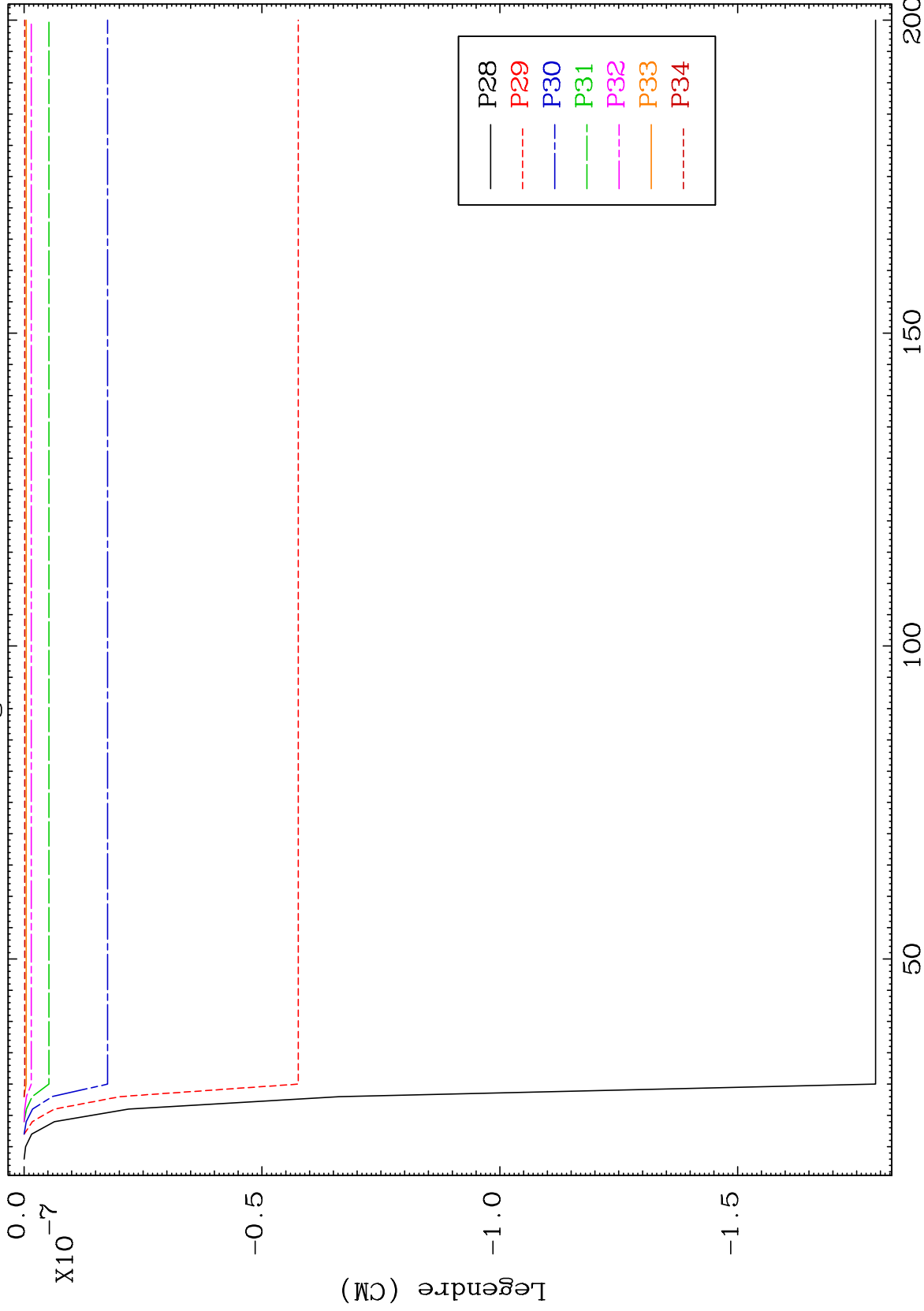
Incident Energy (MeV)

76

MAT 3637

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

36-Kr-82



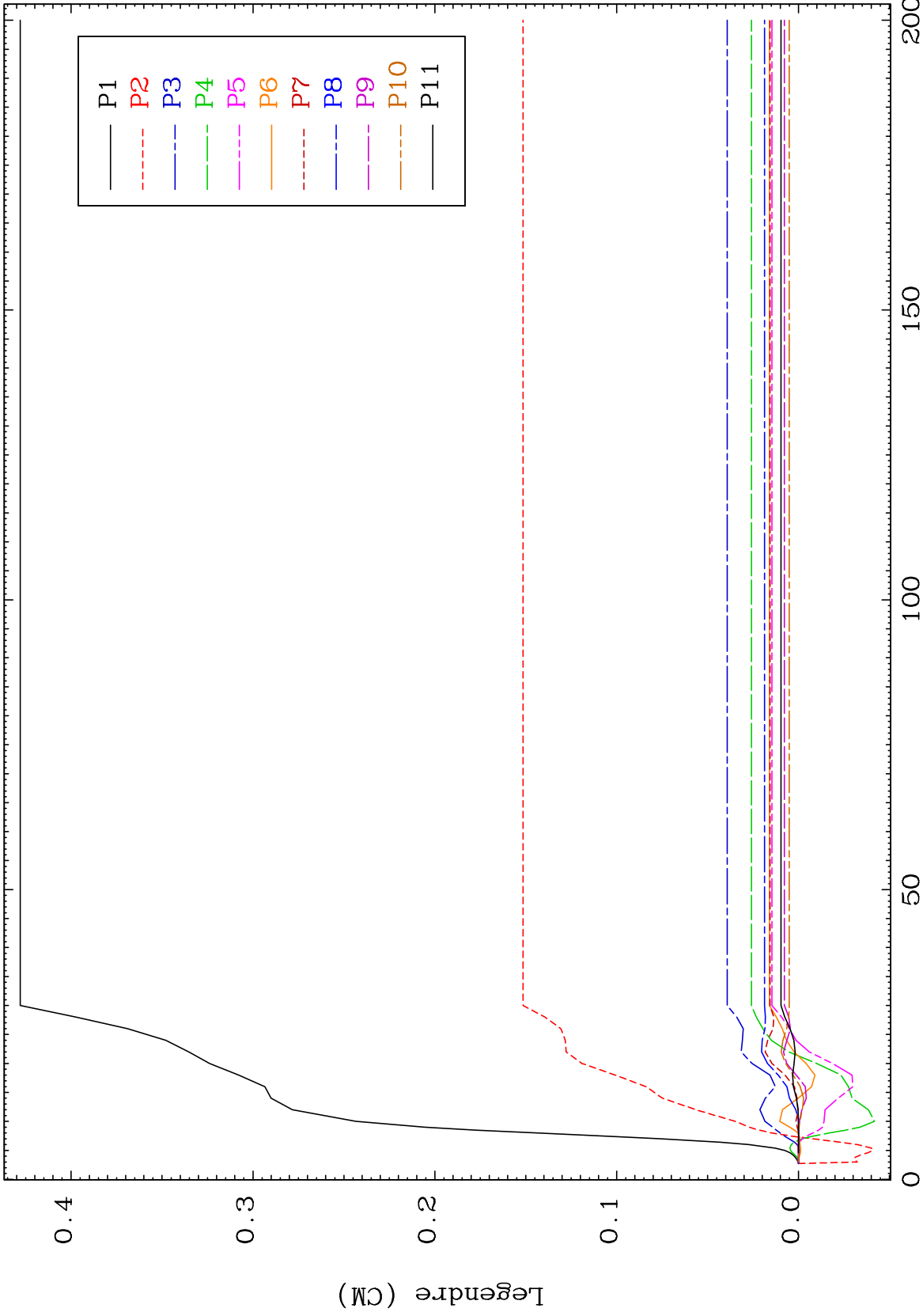
77

36-Kr-82

MAT 3637

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

36-Kr-82



78

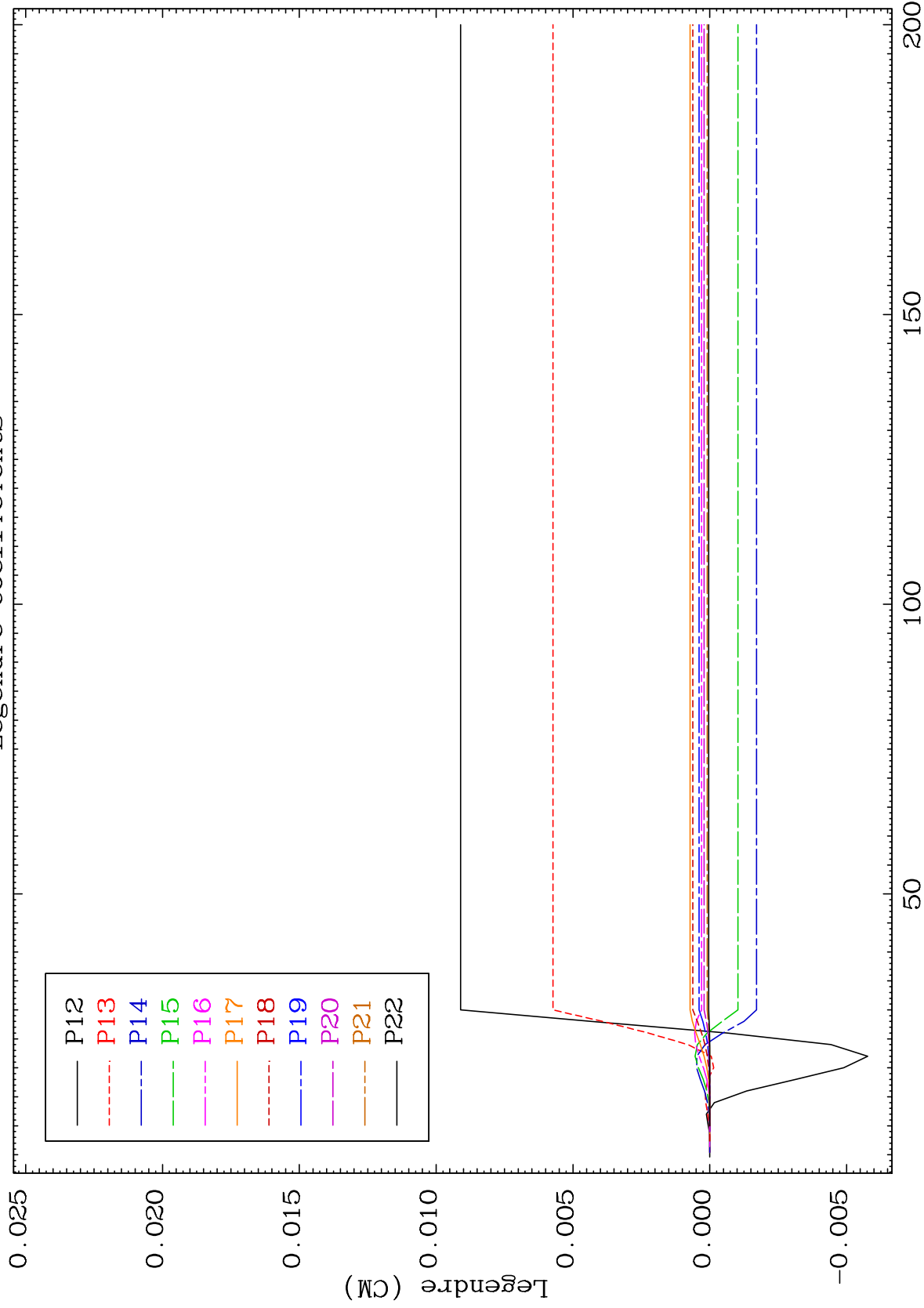
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



79

Incident Energy (MeV)

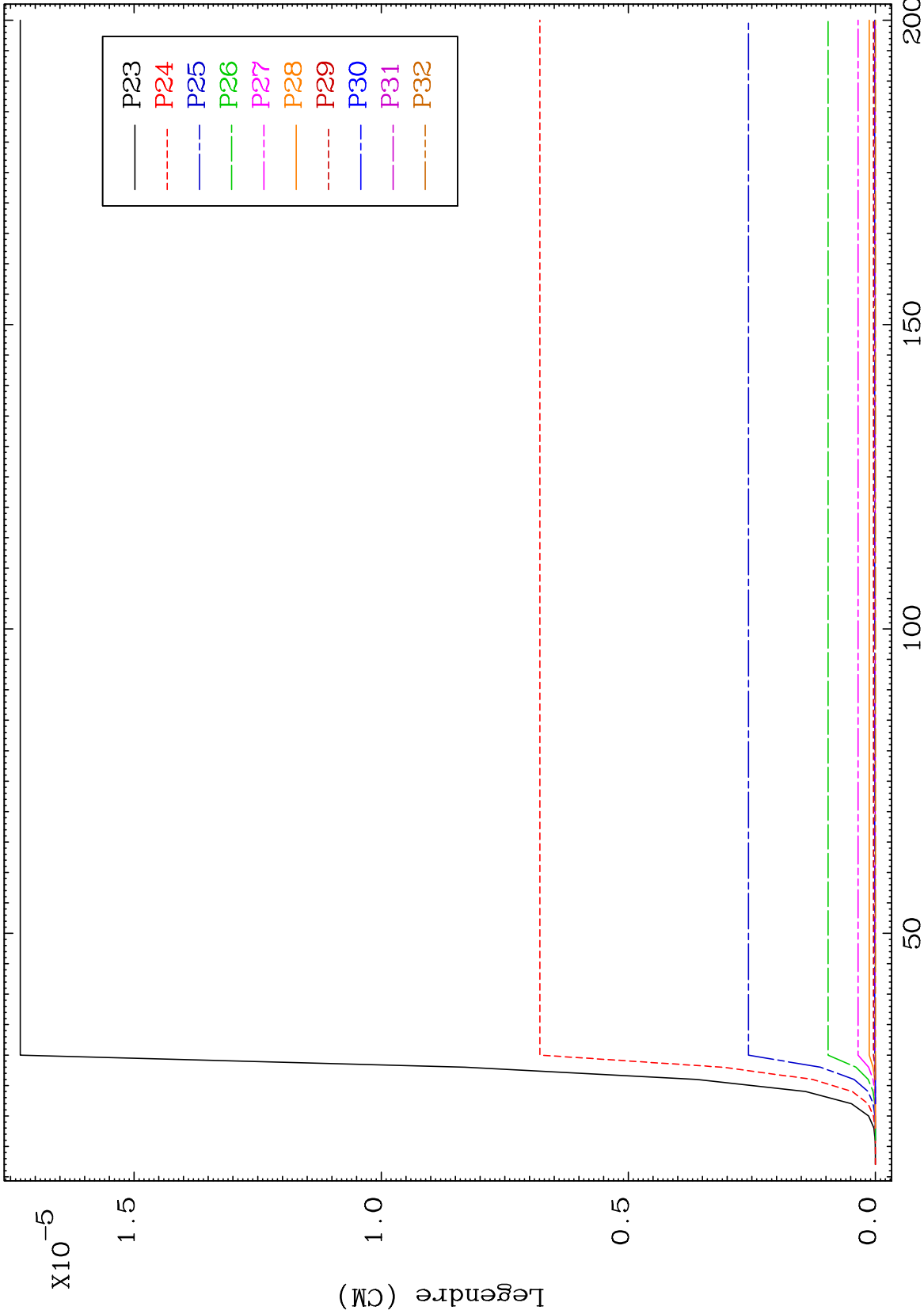
36-Kr-82



MAT 3637

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

36-Kr-82



80

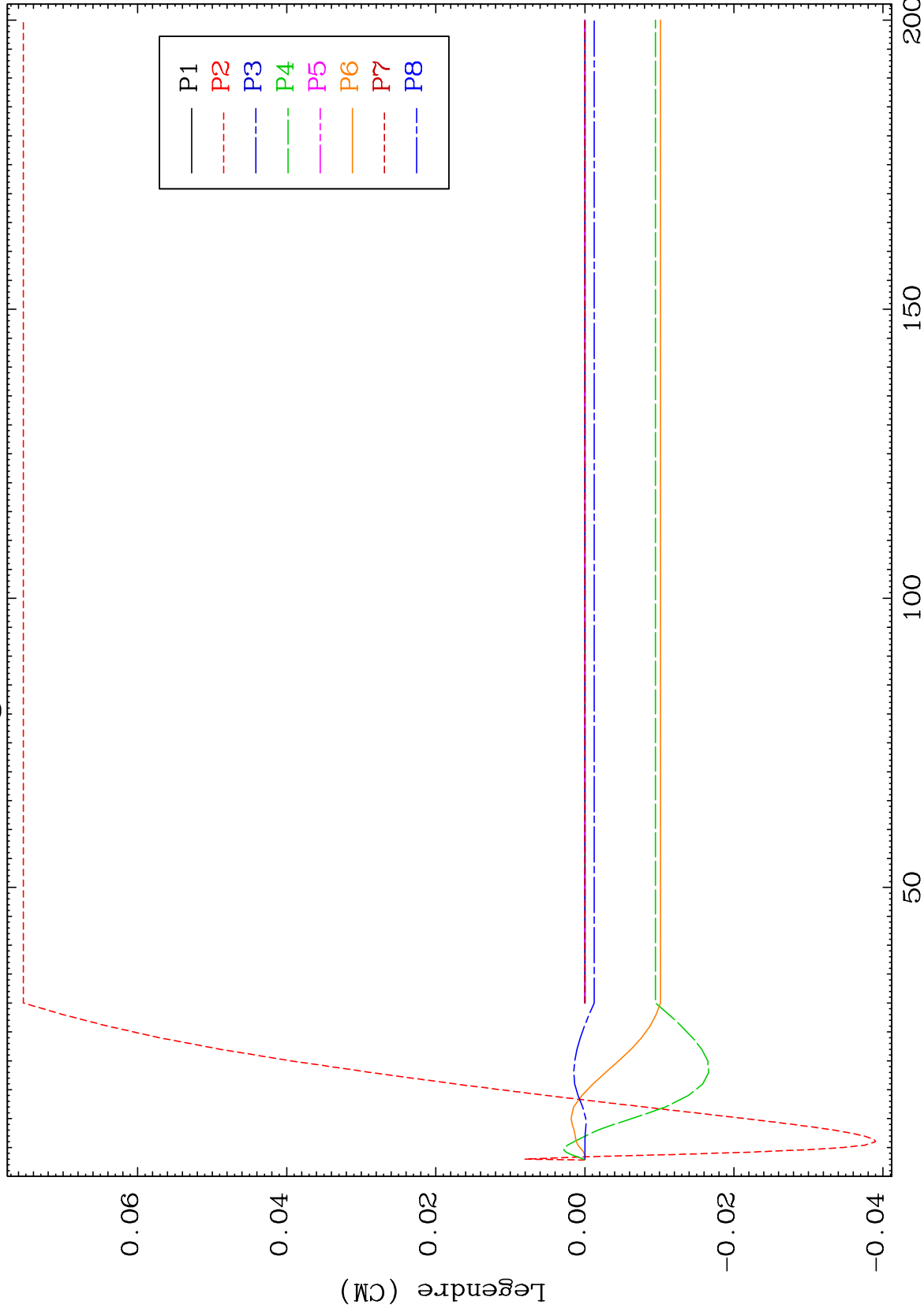
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



81

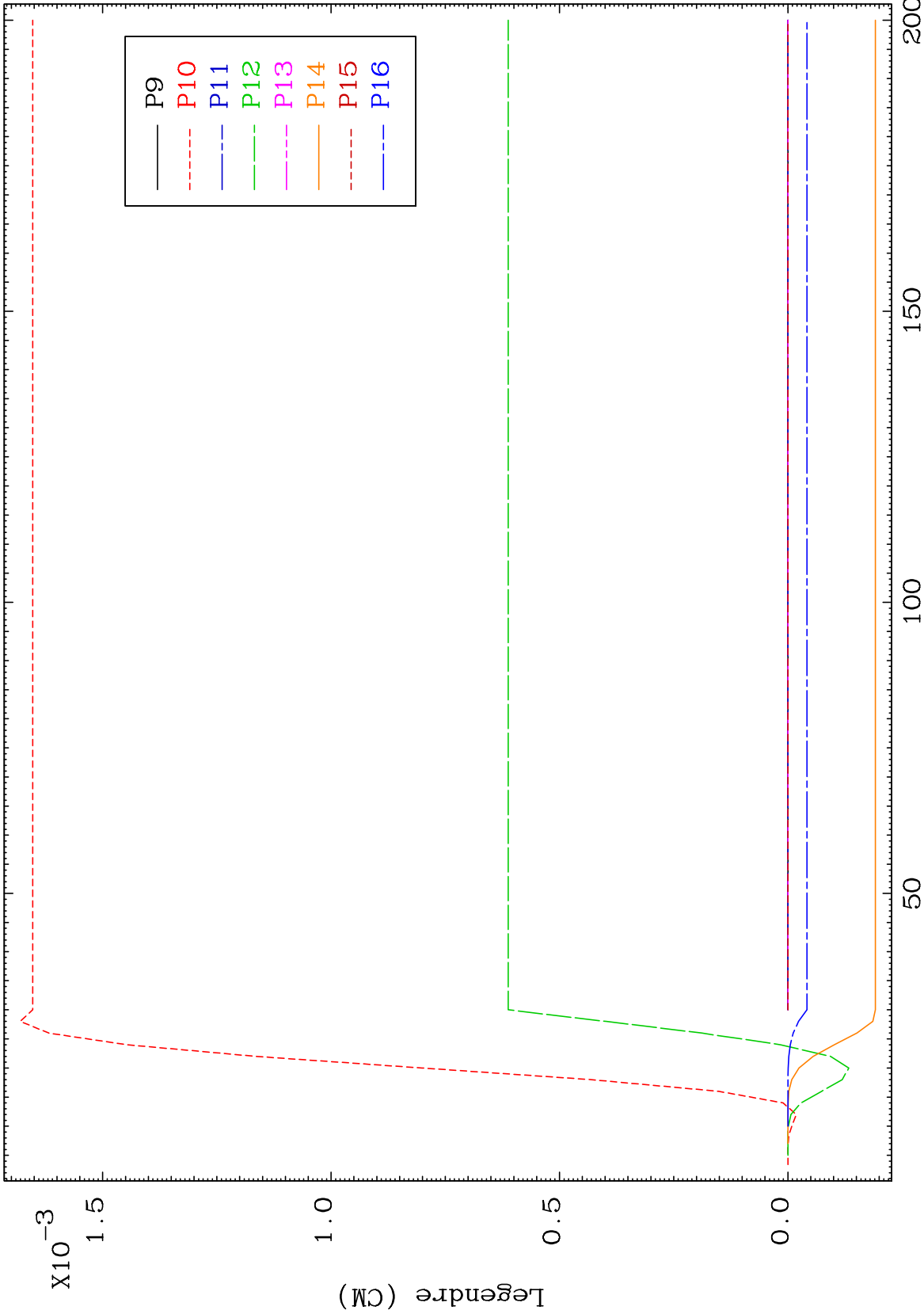
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



82

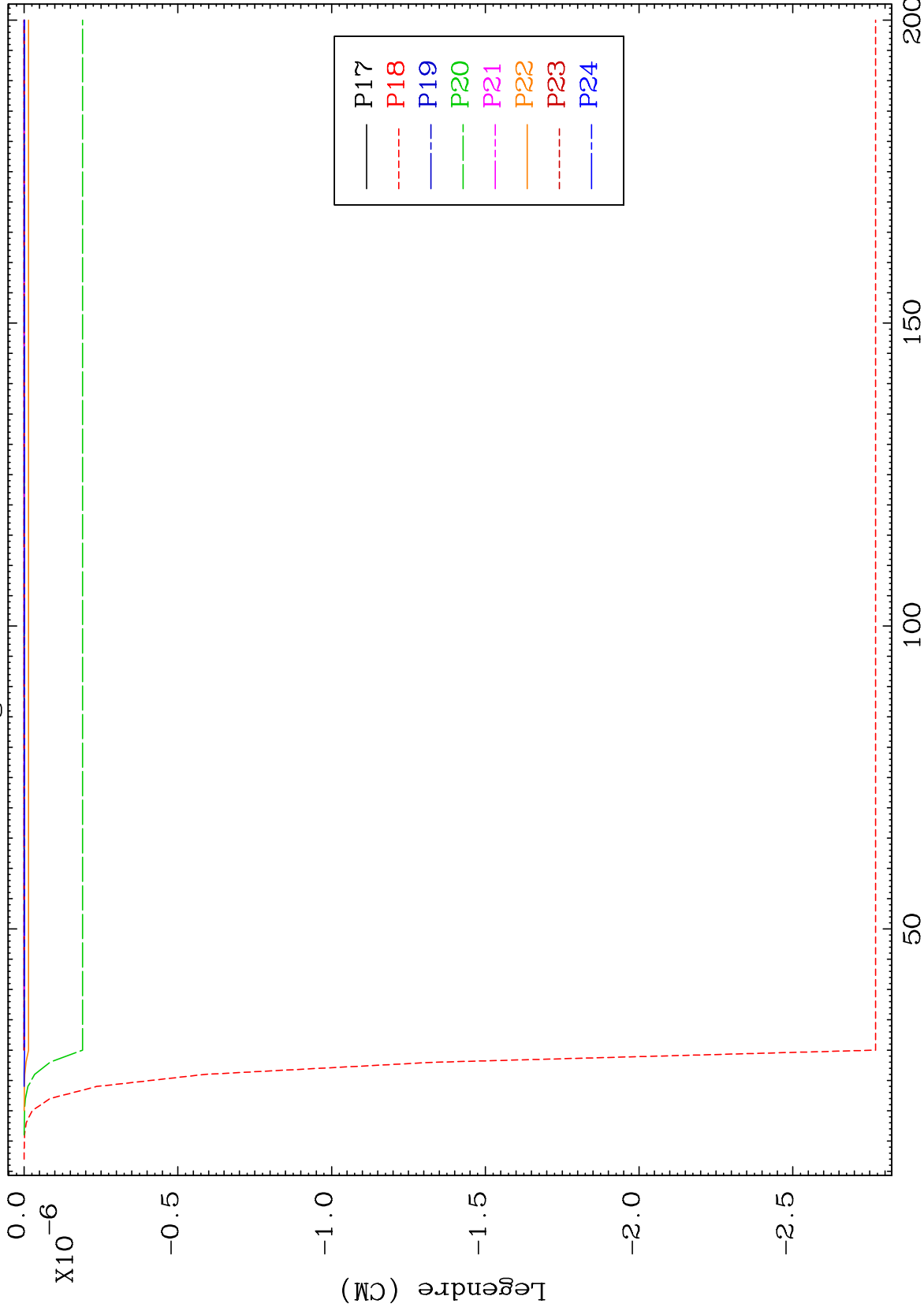
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



83

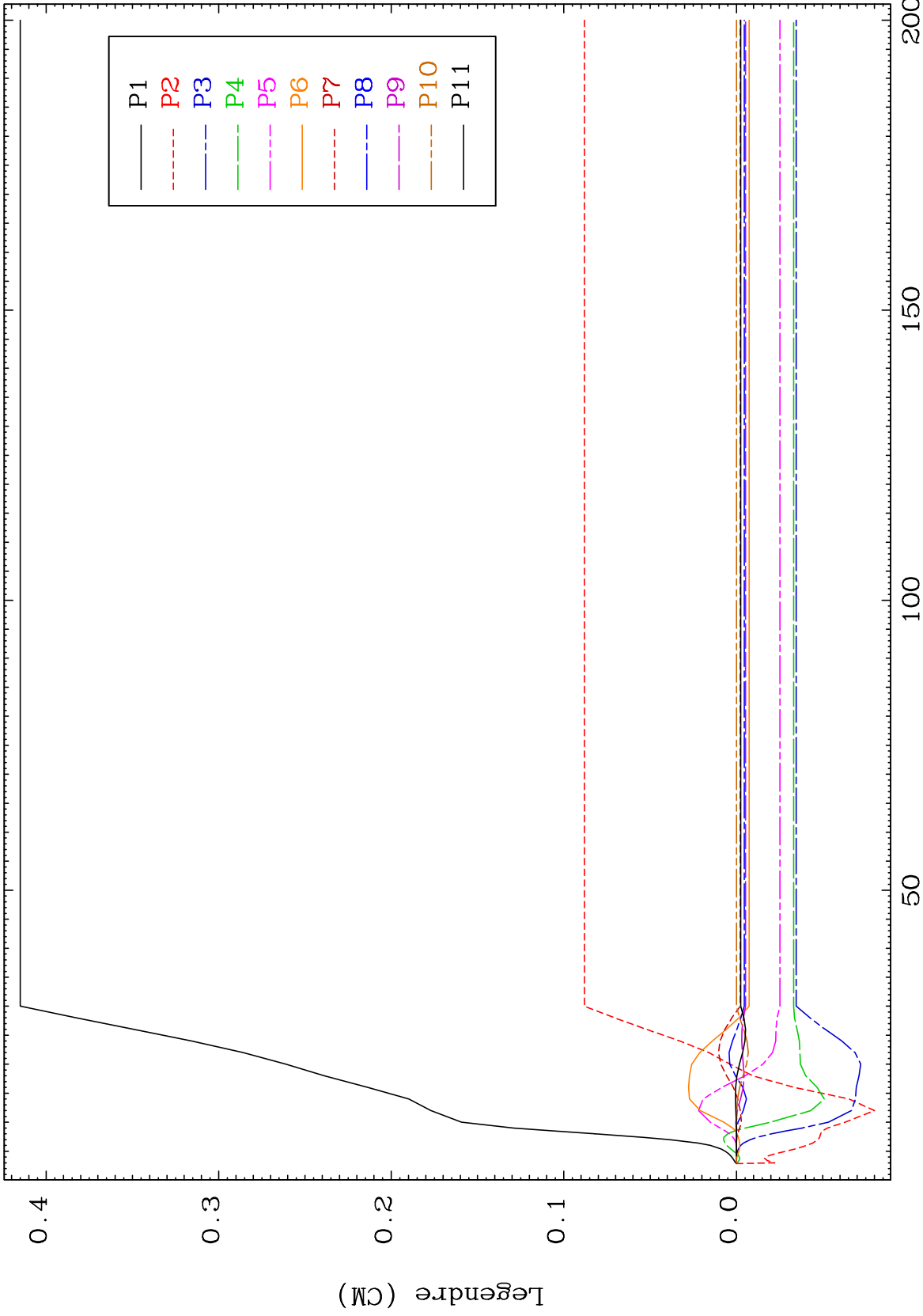
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



84

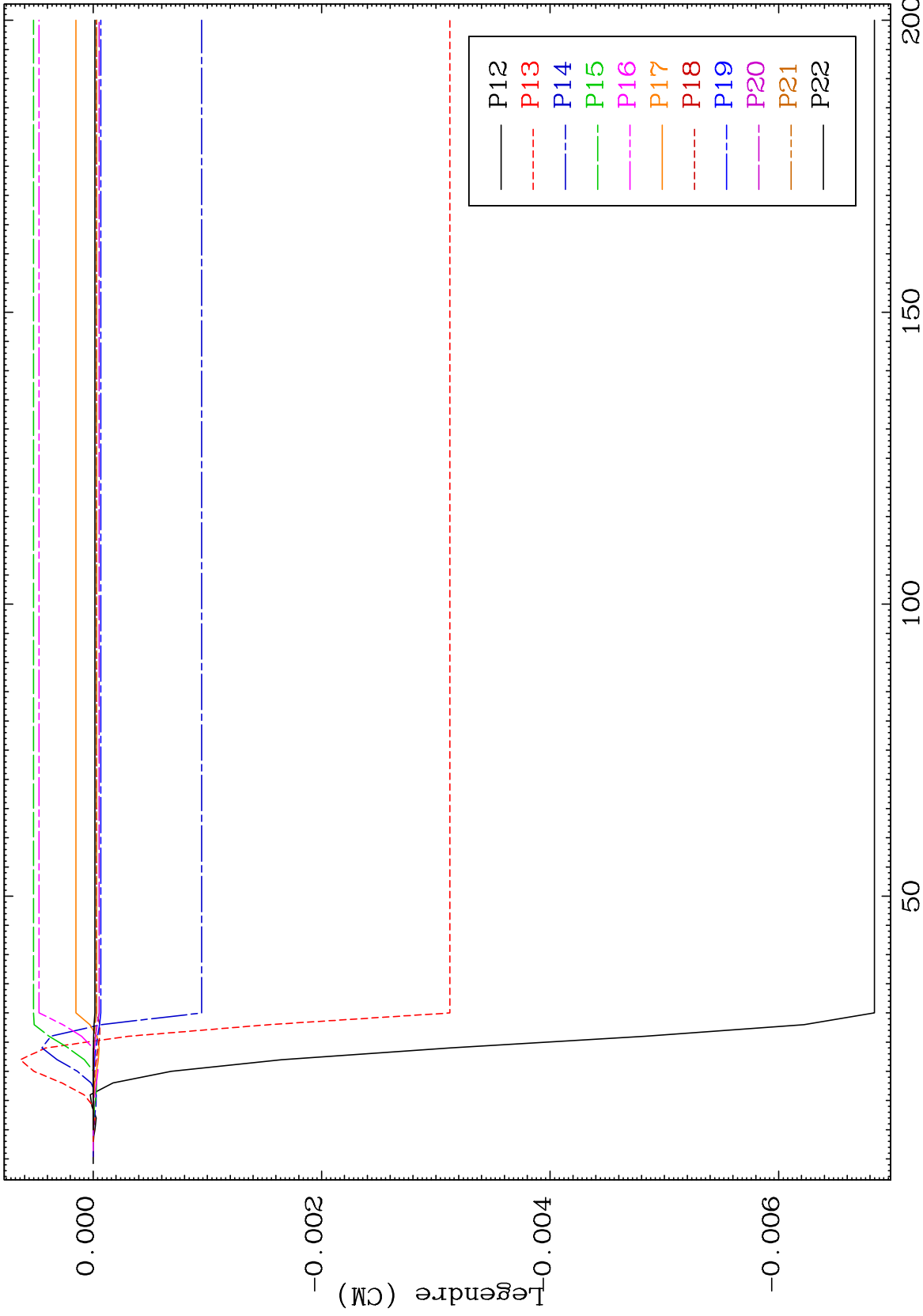
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



85

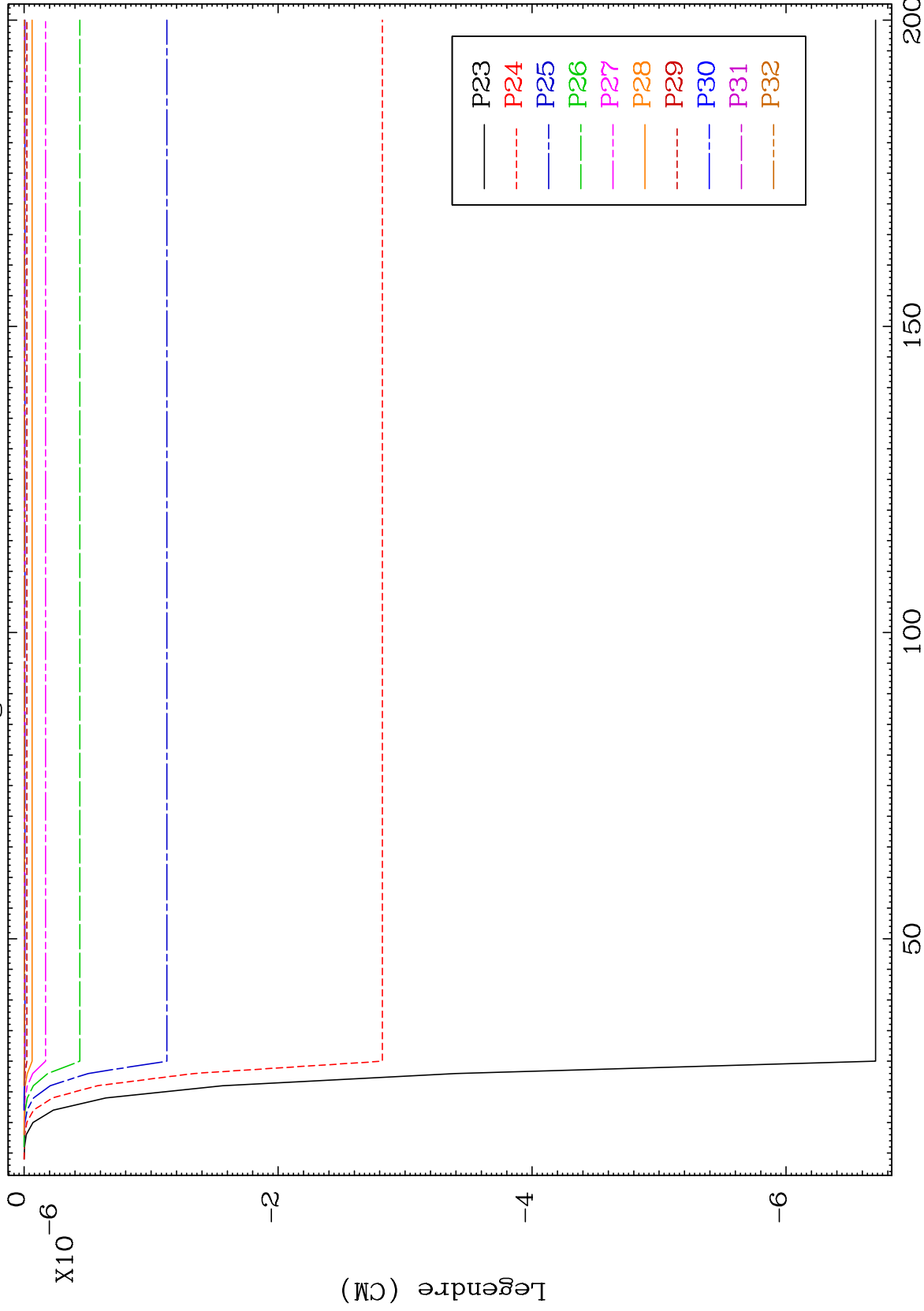
Incident Energy (MeV)

36-Kr-82

MAT 3637

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

36-Kr-82



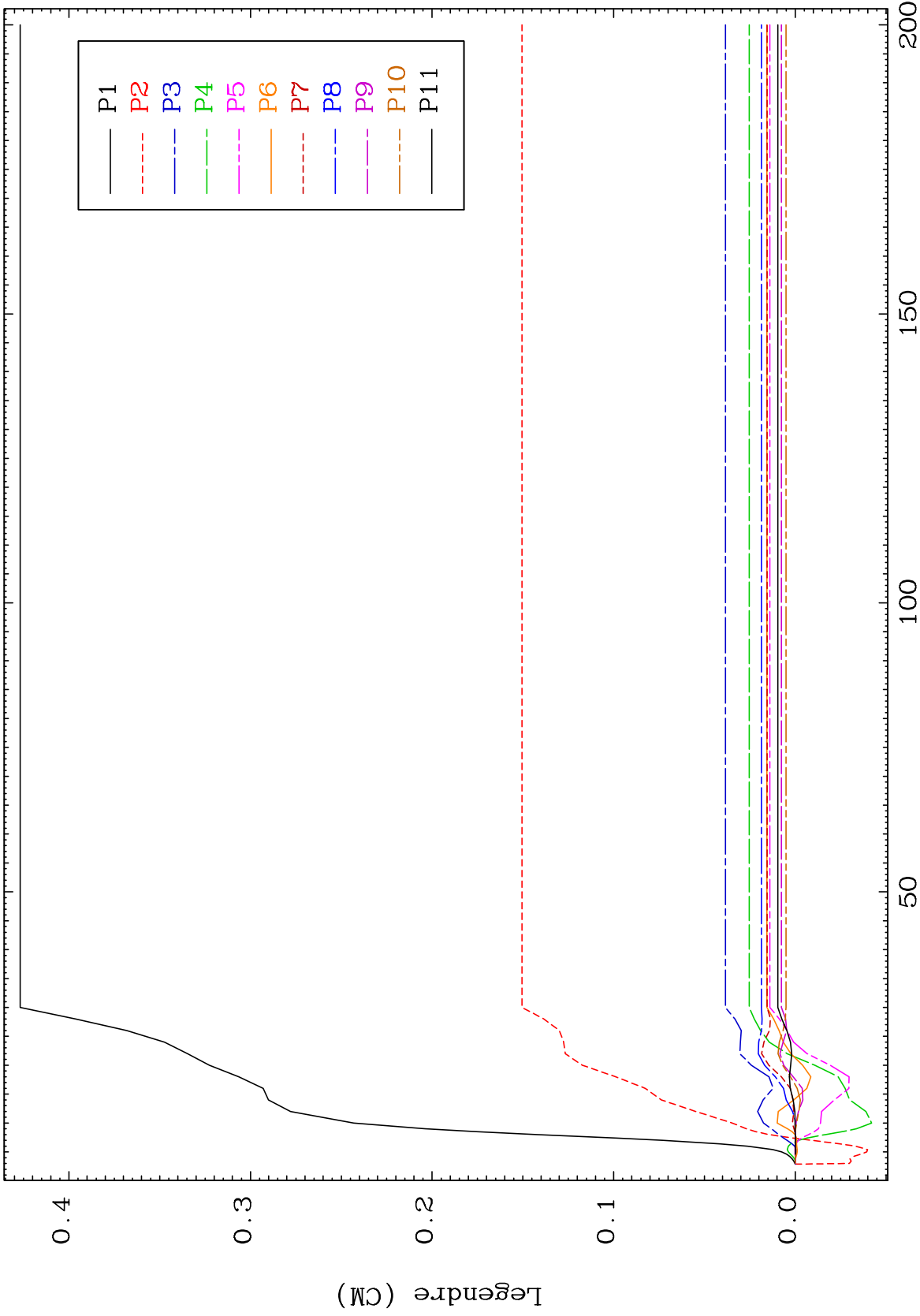
86

36-Kr-82

MAT 3637

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

36-Kr-82

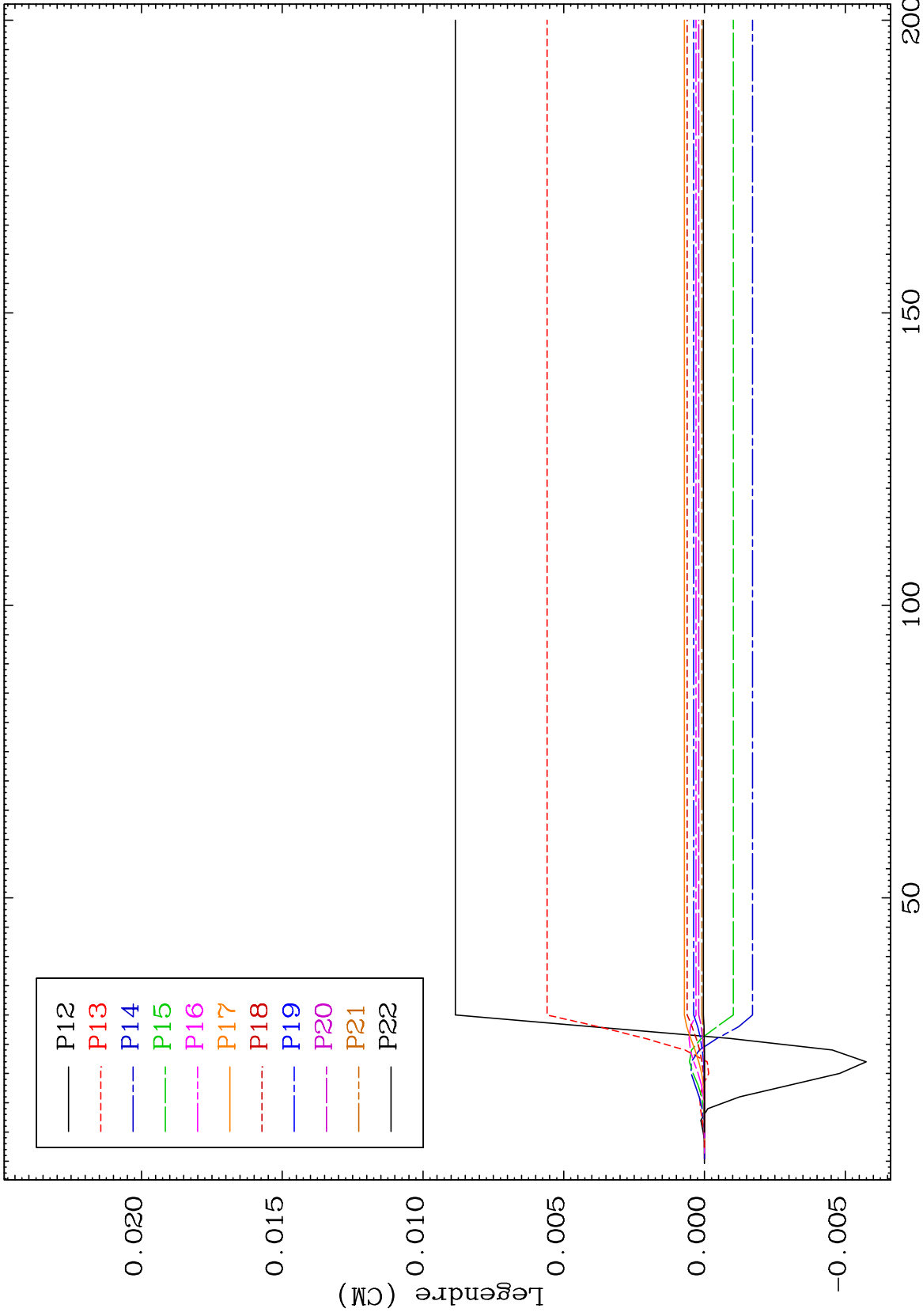


87

Incident Energy (MeV)

36-Kr-82

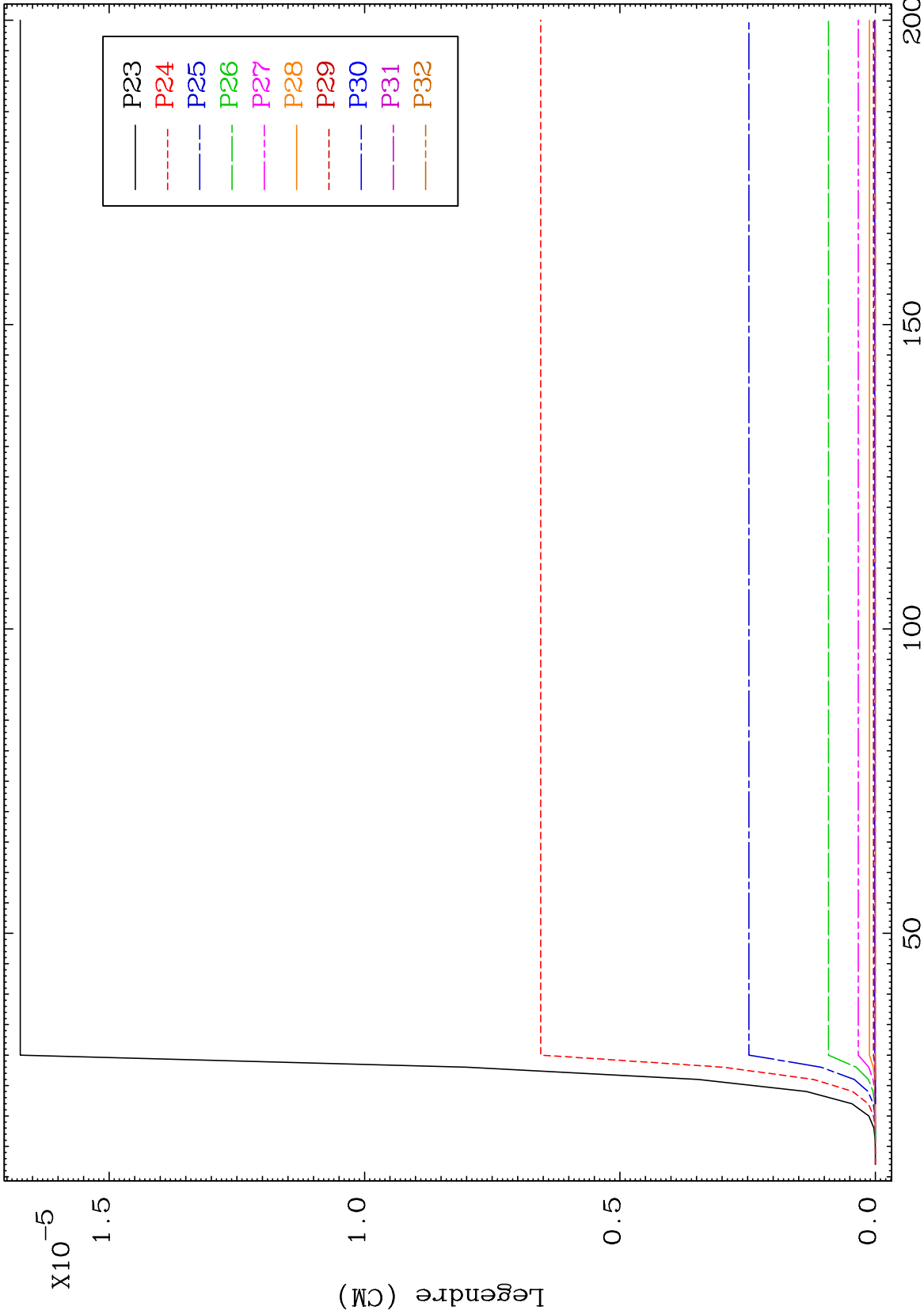




MAT 3637

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

36-Kr-82



89

Incident Energy (MeV)

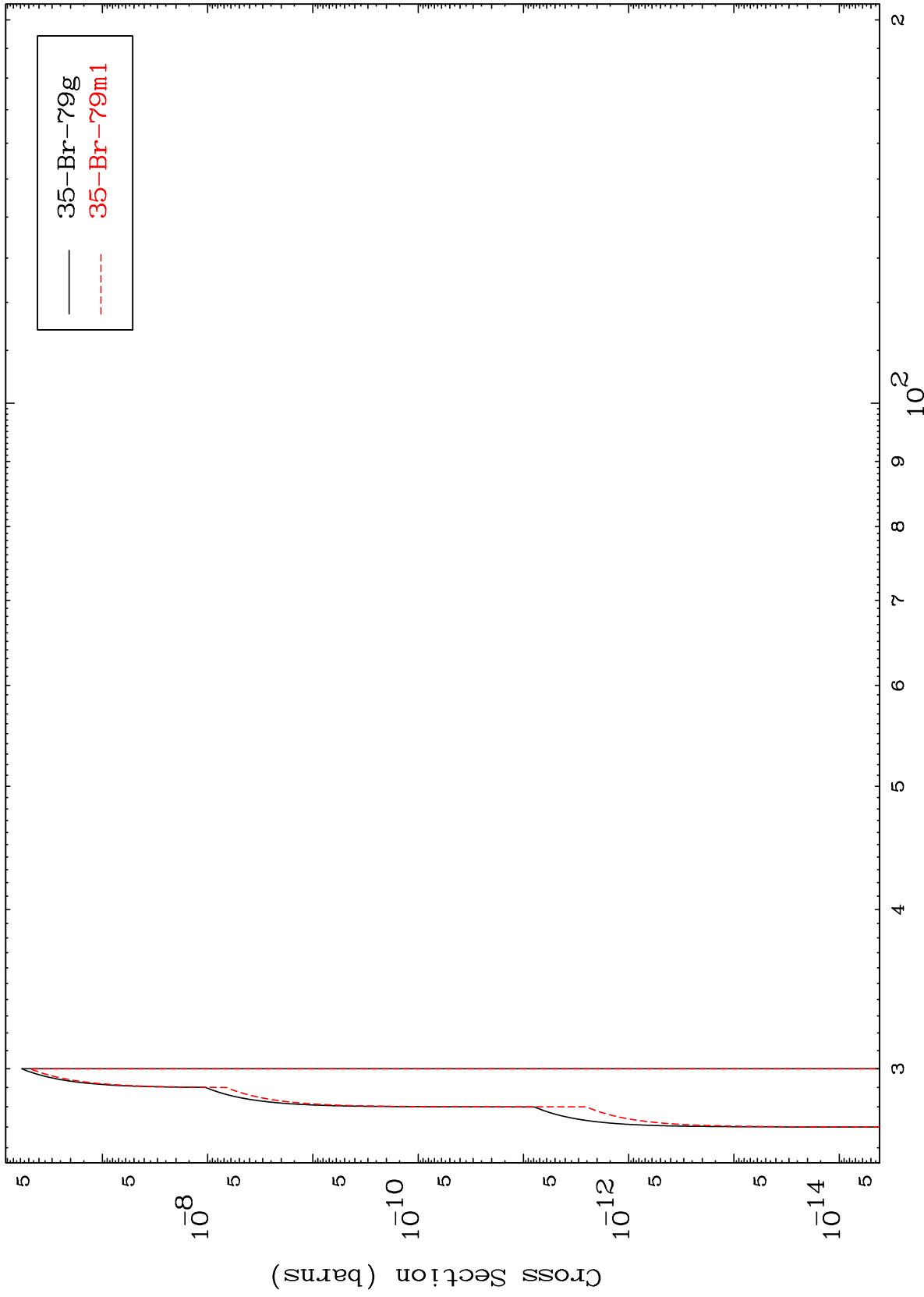
36-Kr-82

MAT 3637

(n,2n) d

36-Kr-82

Radionuclide Production Cross Section



90

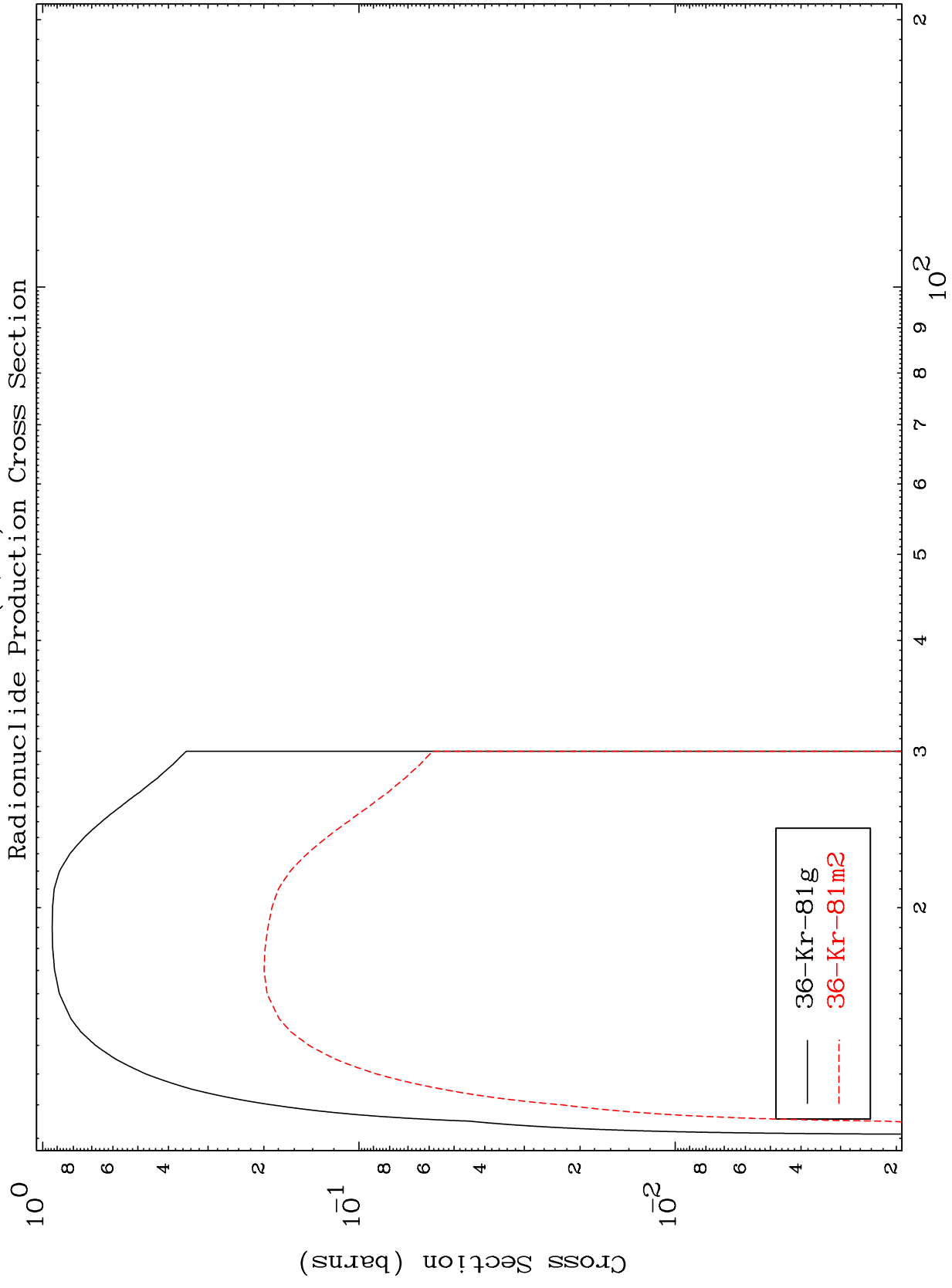
Incident Energy (MeV)

36-Kr-82

MAT 3637

<sup>36</sup>Kr-82

Radionuclide Production Cross Section



91

Incident Energy (MeV)

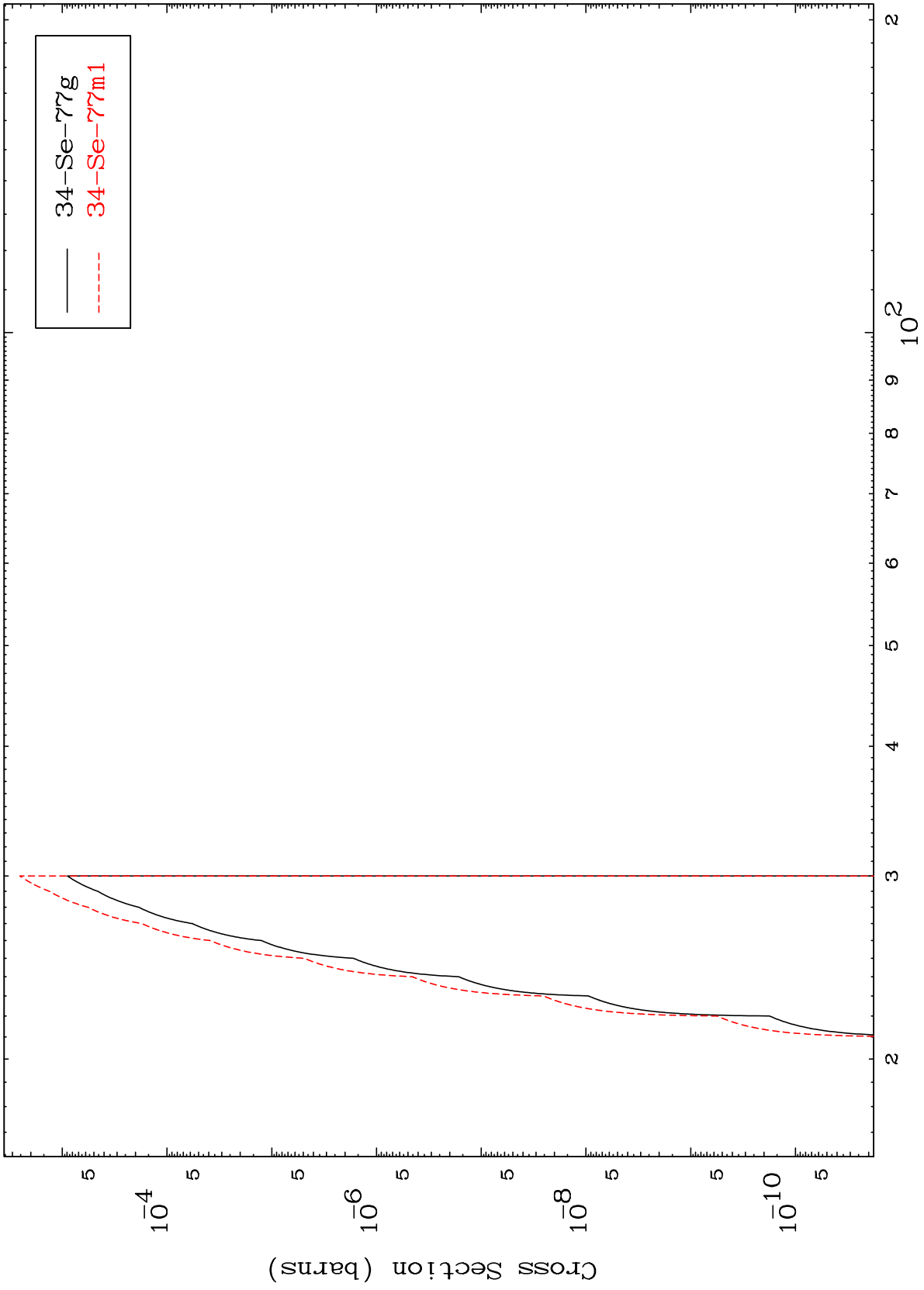
<sup>36</sup>Kr-82

MAT 3637

(n,2n)  $\alpha$

36-Kr-82

Radionuclide Production Cross Section



92

Incident Energy (MeV)

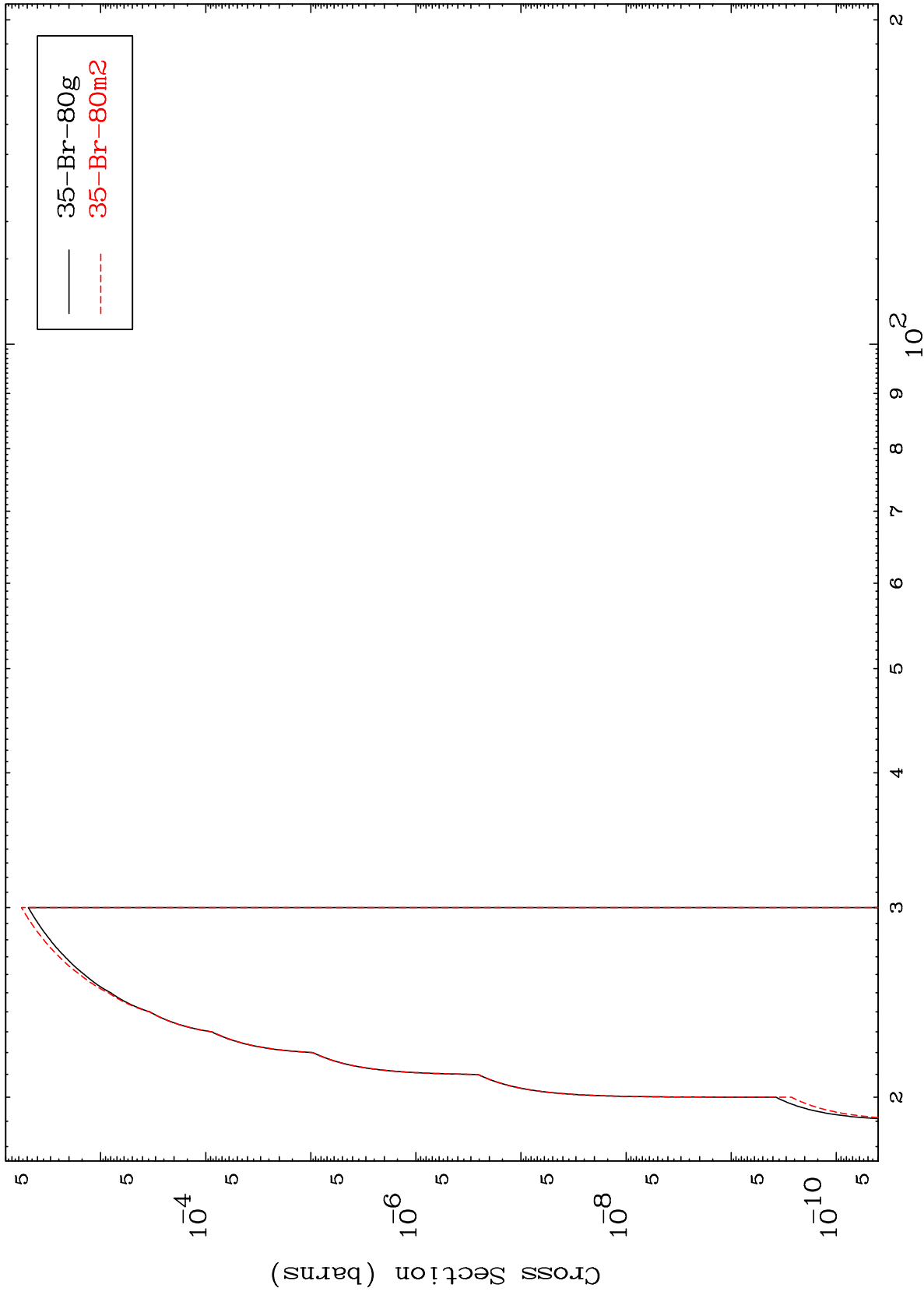
36-Kr-82

MAT 3637

(n,n') d

36-Kr-82

Radionuclide Production Cross Section



93

Incident Energy (MeV)

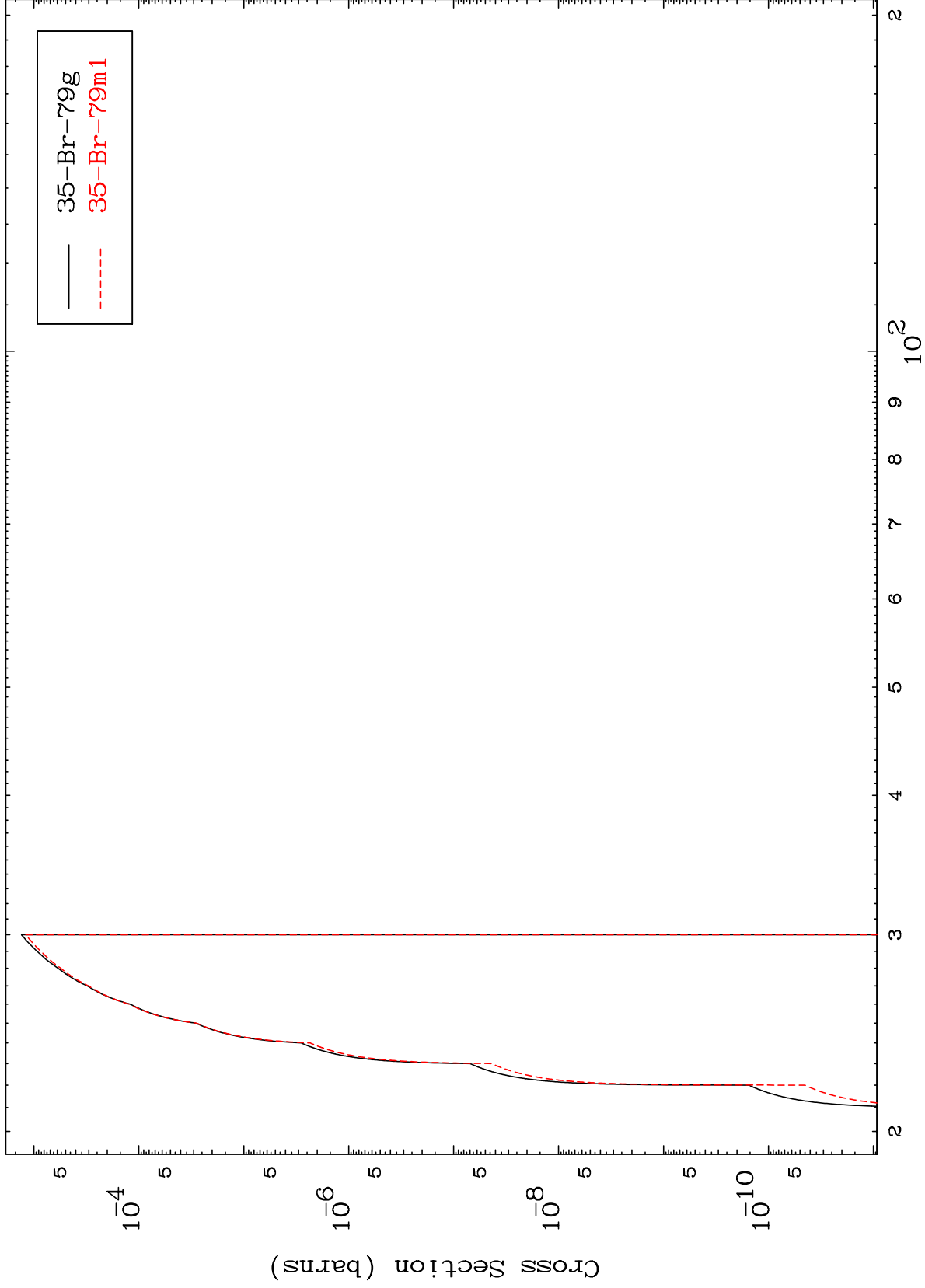
36-Kr-82

MAT 3637

(n,n') t

36-Kr-82

Radionuclide Production Cross Section



94

Incident Energy (MeV)

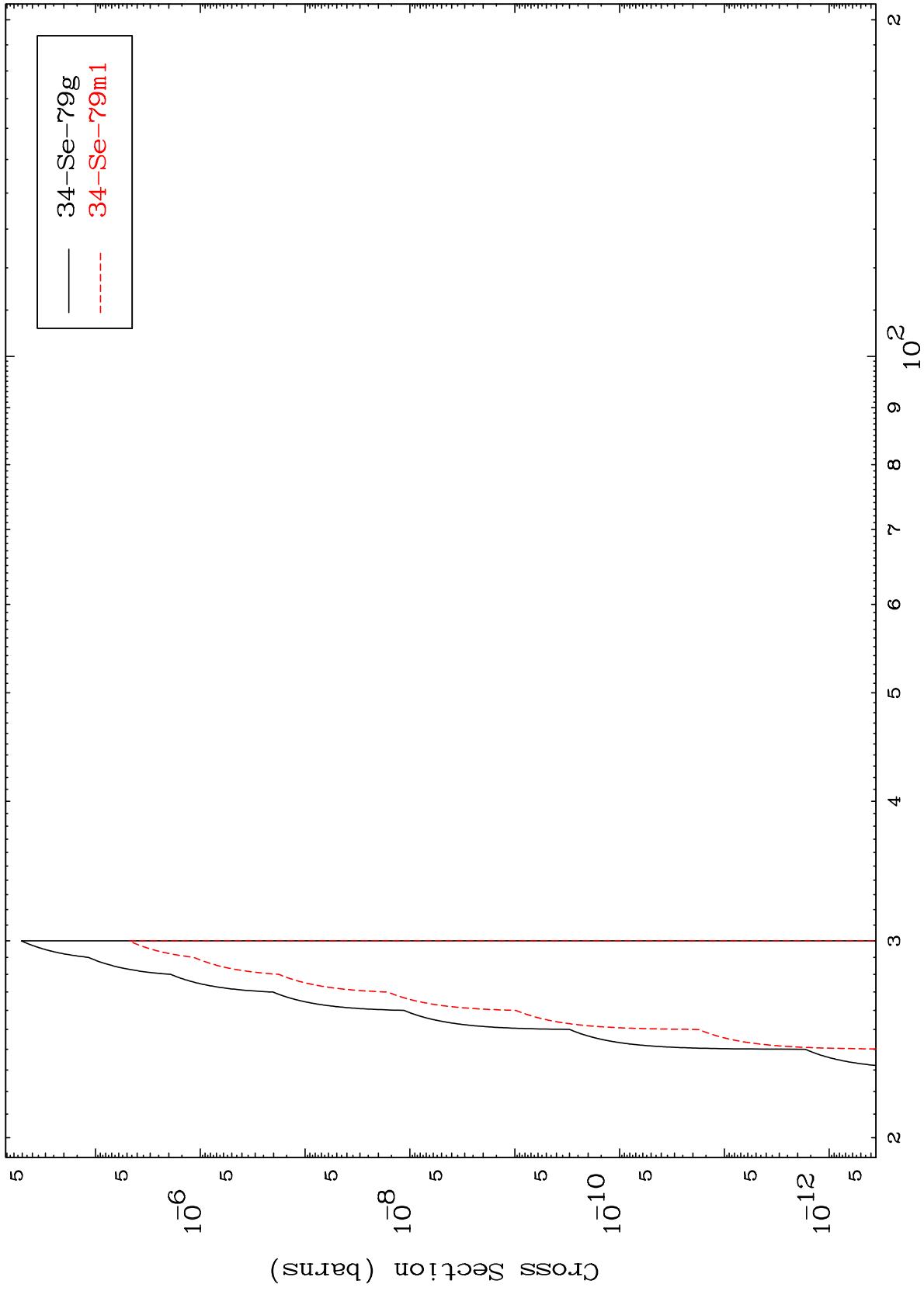
36-Kr-82

MAT 3637

(n, n') He-3

36-Kr-82

Radionuclide Production Cross Section



95

Incident Energy (MeV)

36-Kr-82

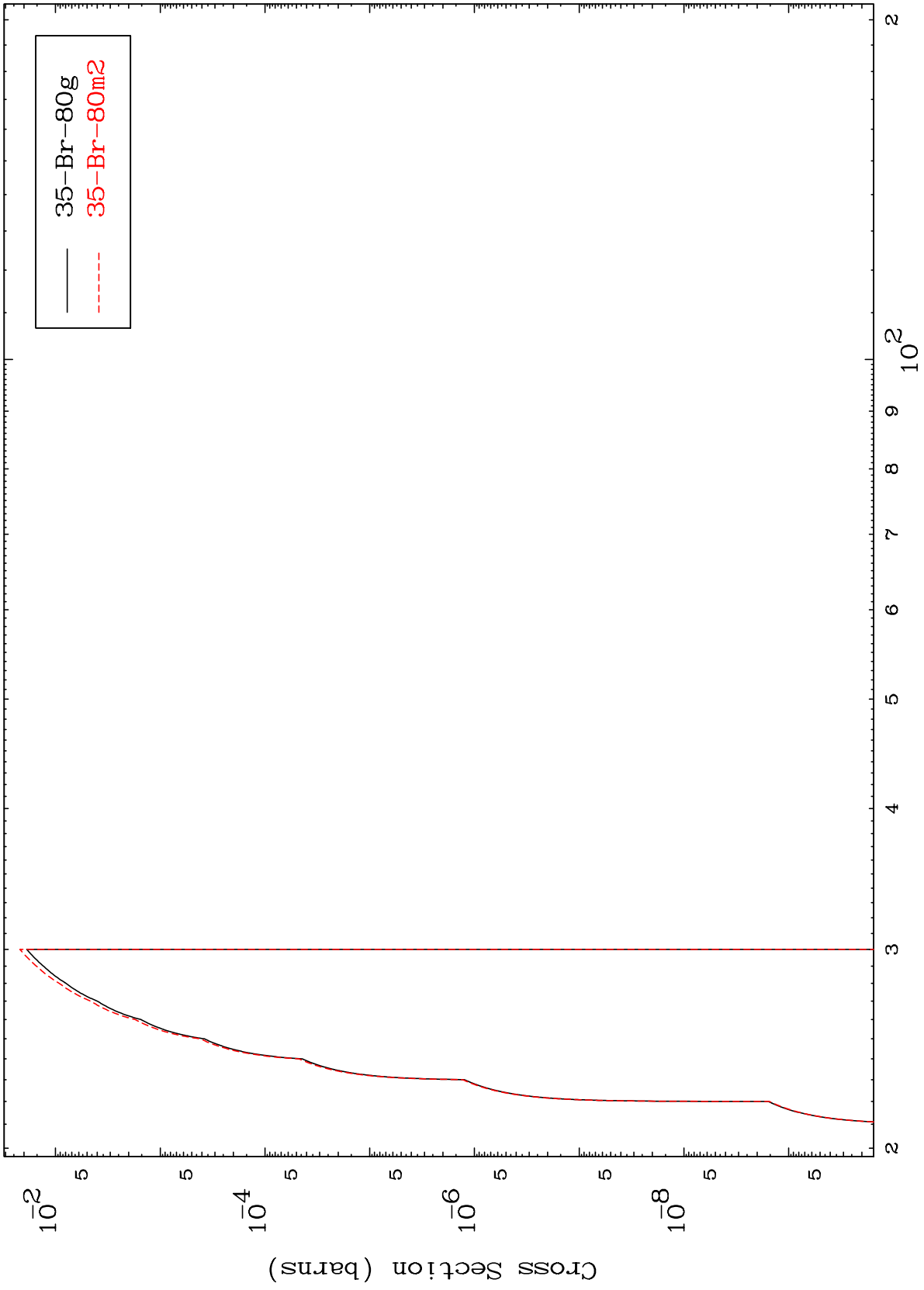


MAT 3637

(n,2n) p

36-Kr-82

Radionuclide Production Cross Section



96

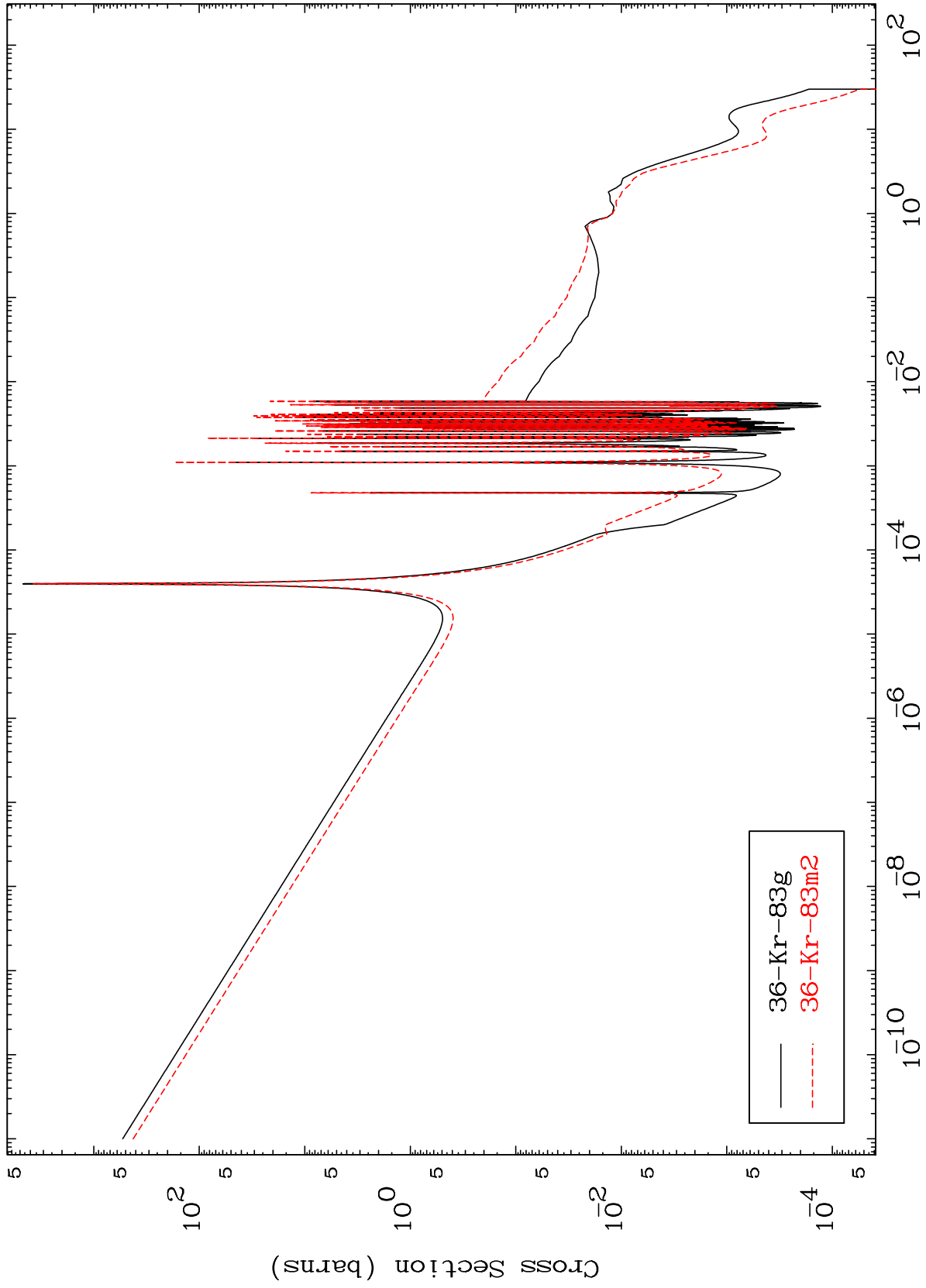
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

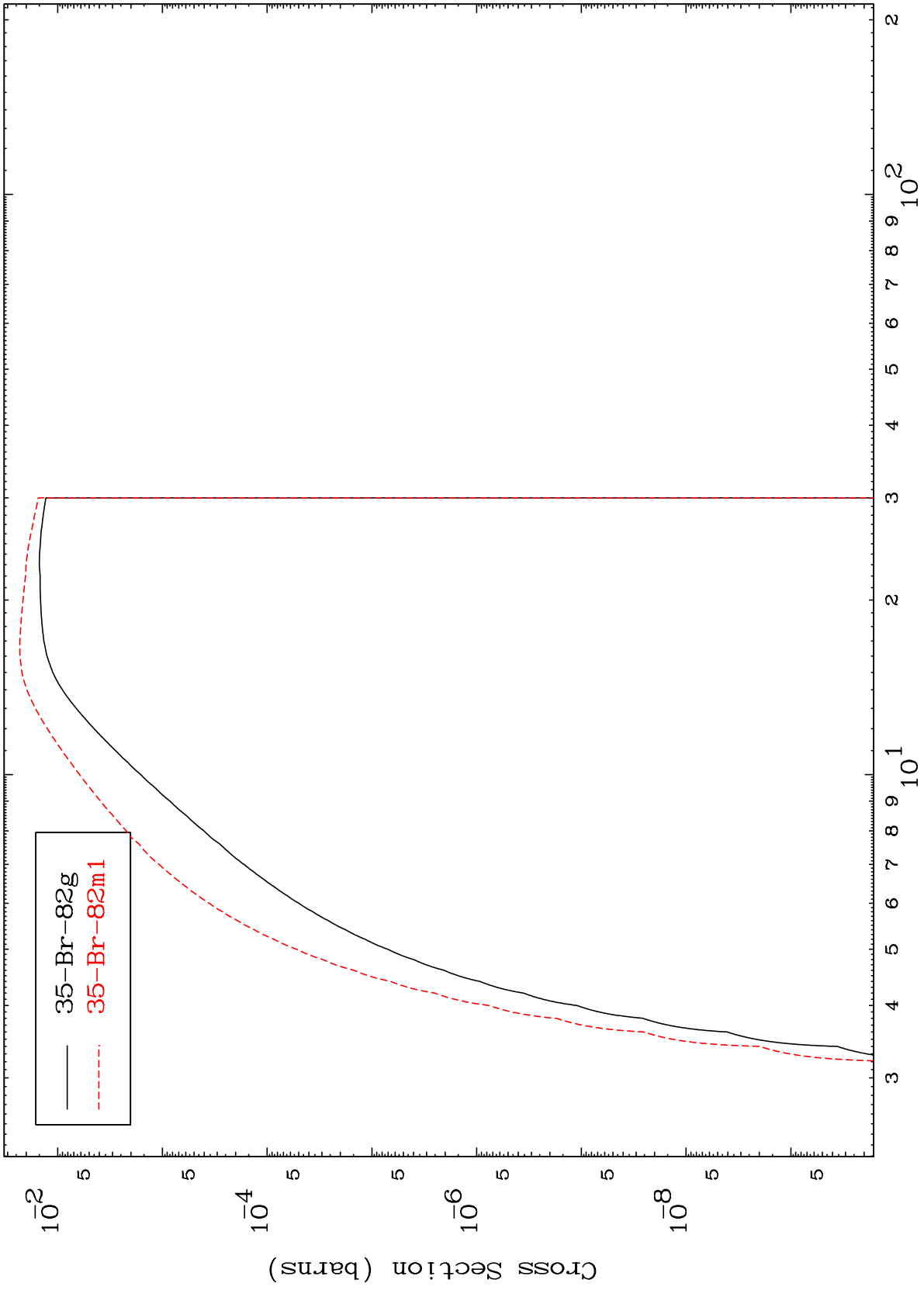
Radionuclide Production Cross Section  
(n,γ)



MAT 3637

36-Kr-82

(n,p)  
Radionuclide Production Cross Section



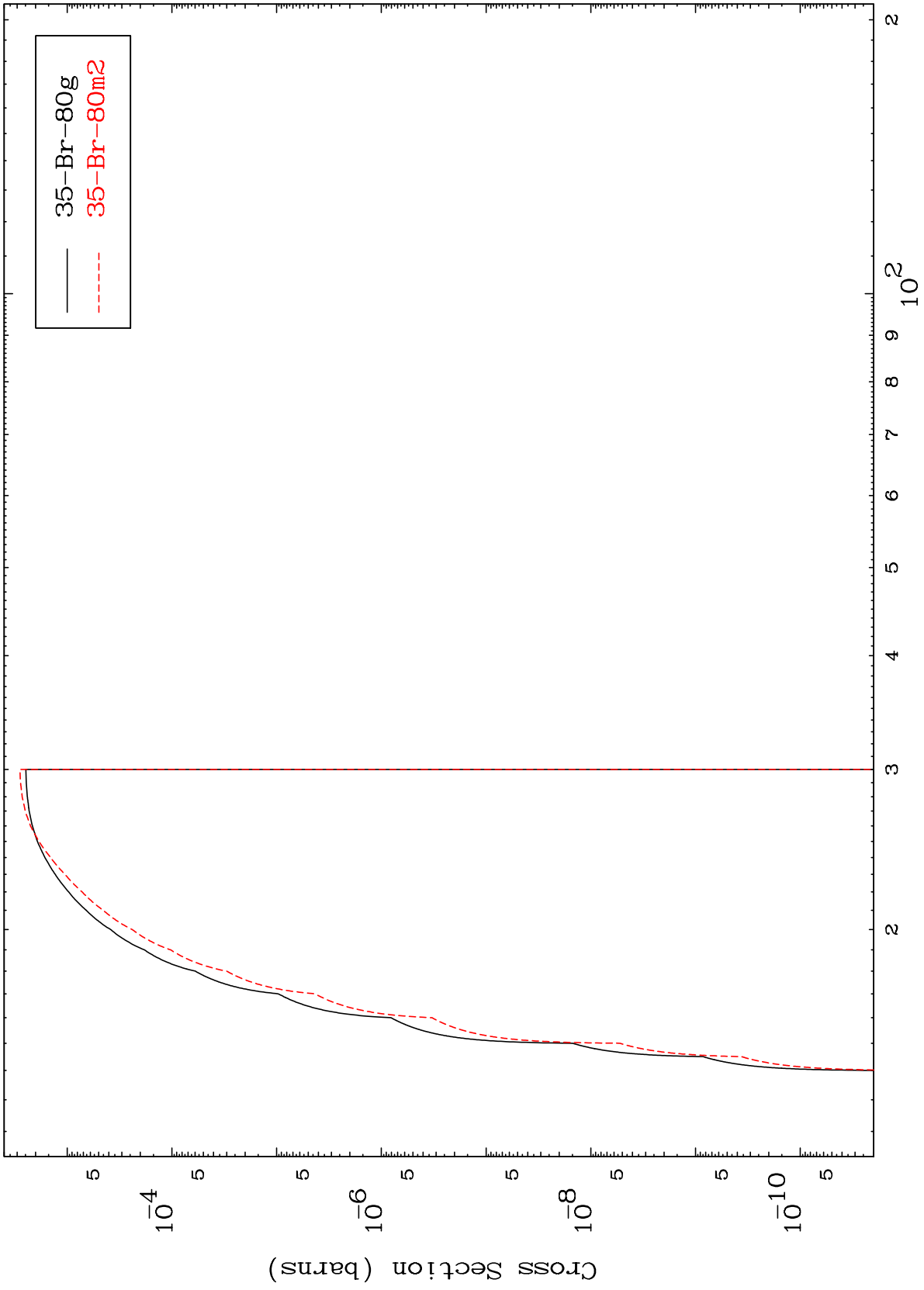
98

36-Kr-82

MAT 3637

36-Kr-82

(n, t)  
Radionuclide Production Cross Section



99

Incident Energy (MeV)

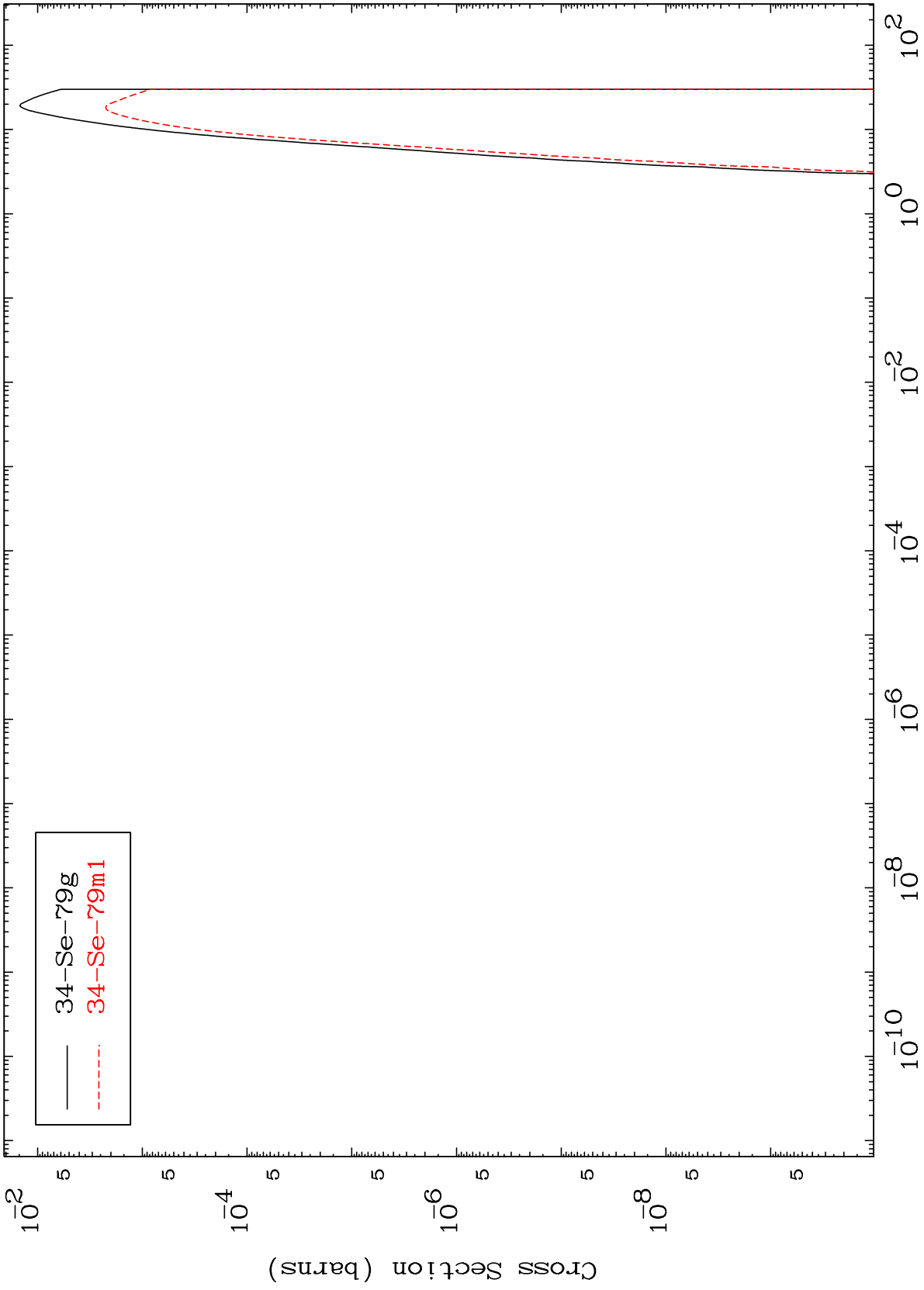
36-Kr-82

MAT 3637

(n,α)

<sup>36</sup>Kr-82

Radionuclide Production Cross Section



100

Incident Energy (MeV)

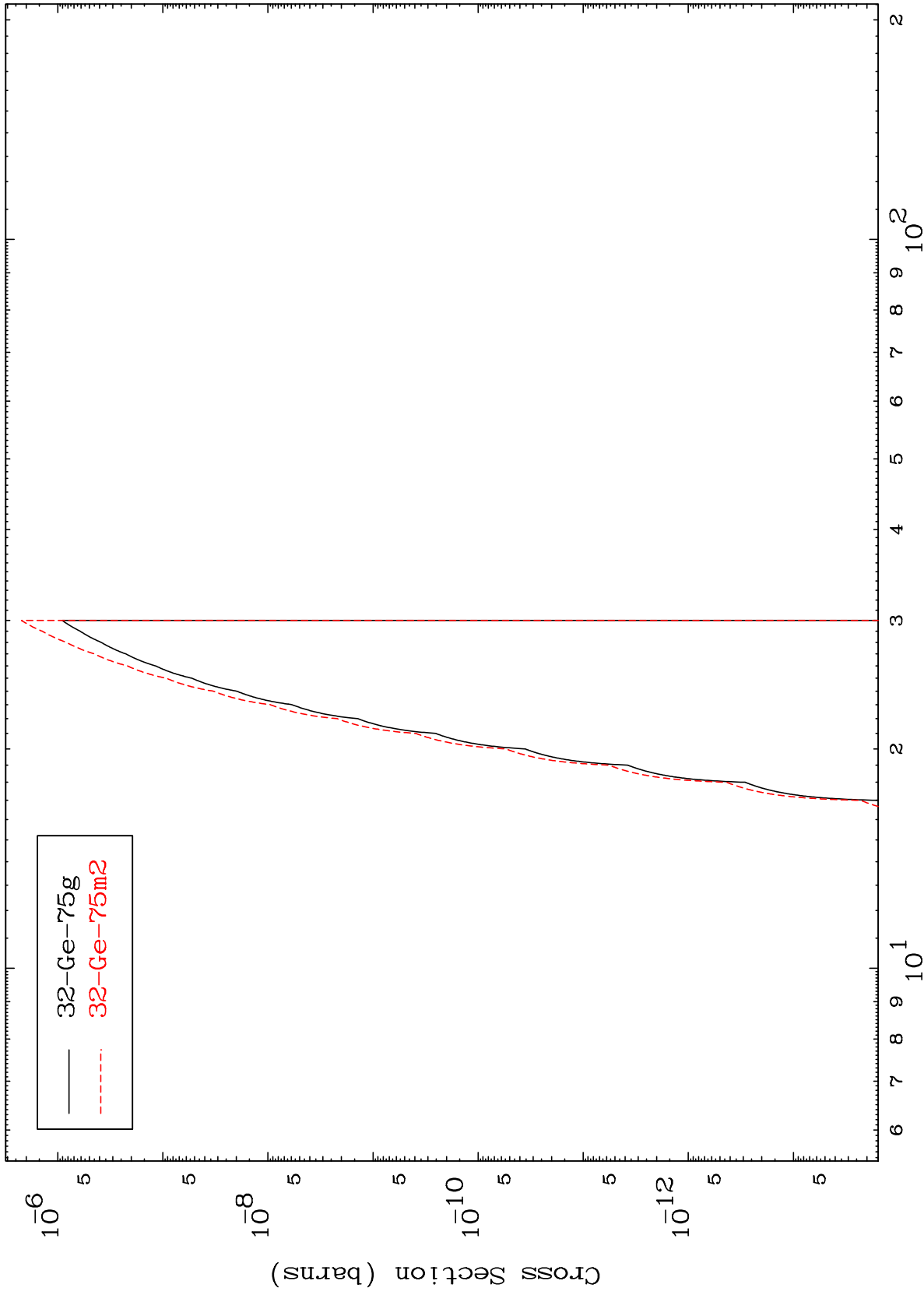
<sup>36</sup>Kr-82

MAT 3637

36-Kr-82

Radionuclide Production Cross Section

(n,2α)



101

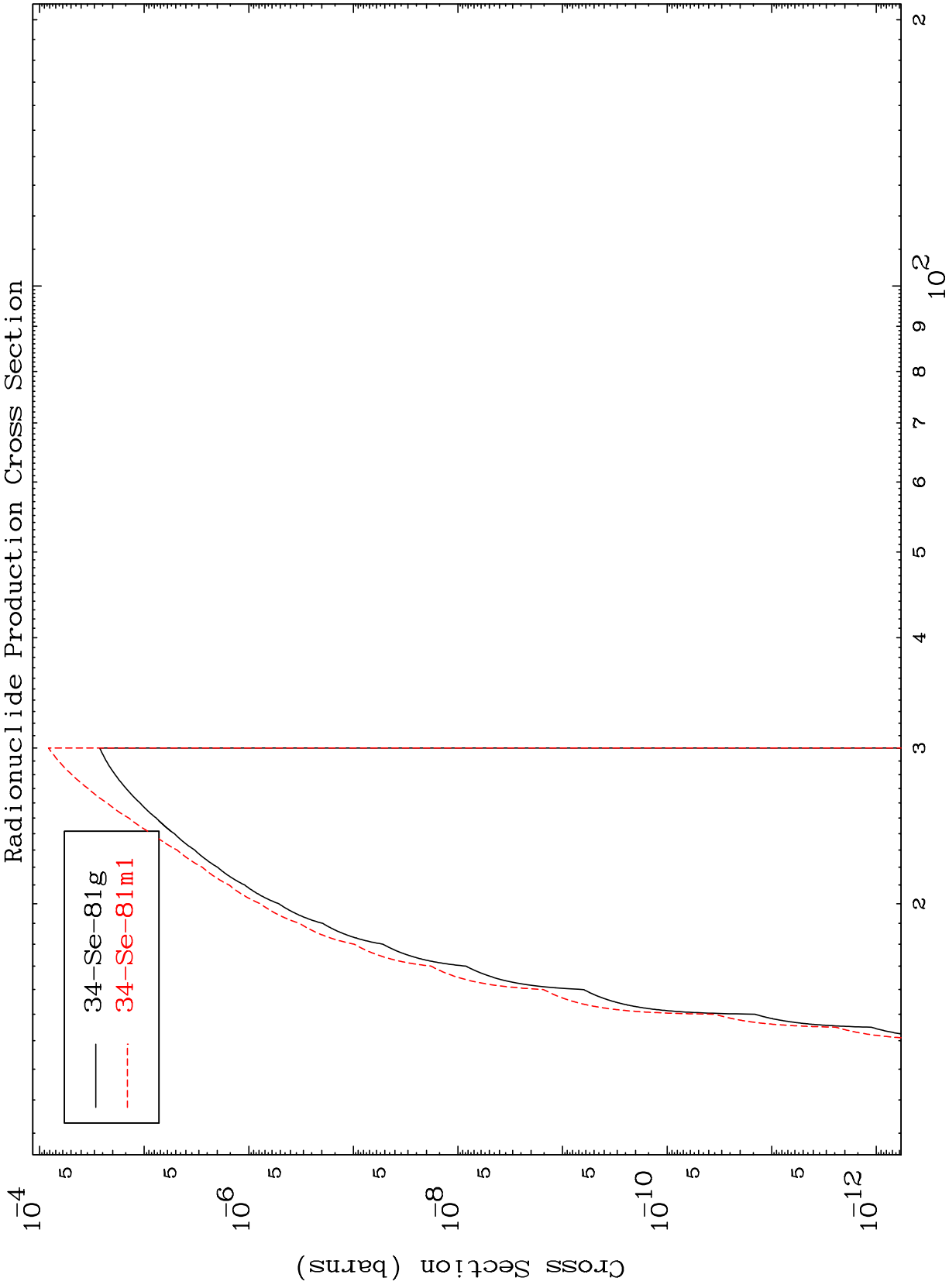
Incident Energy (MeV)

36-Kr-82

MAT 3637

36-Kr-82

Radionuclide Production Cross Section  
(n,2p)



102

Incident Energy (MeV)

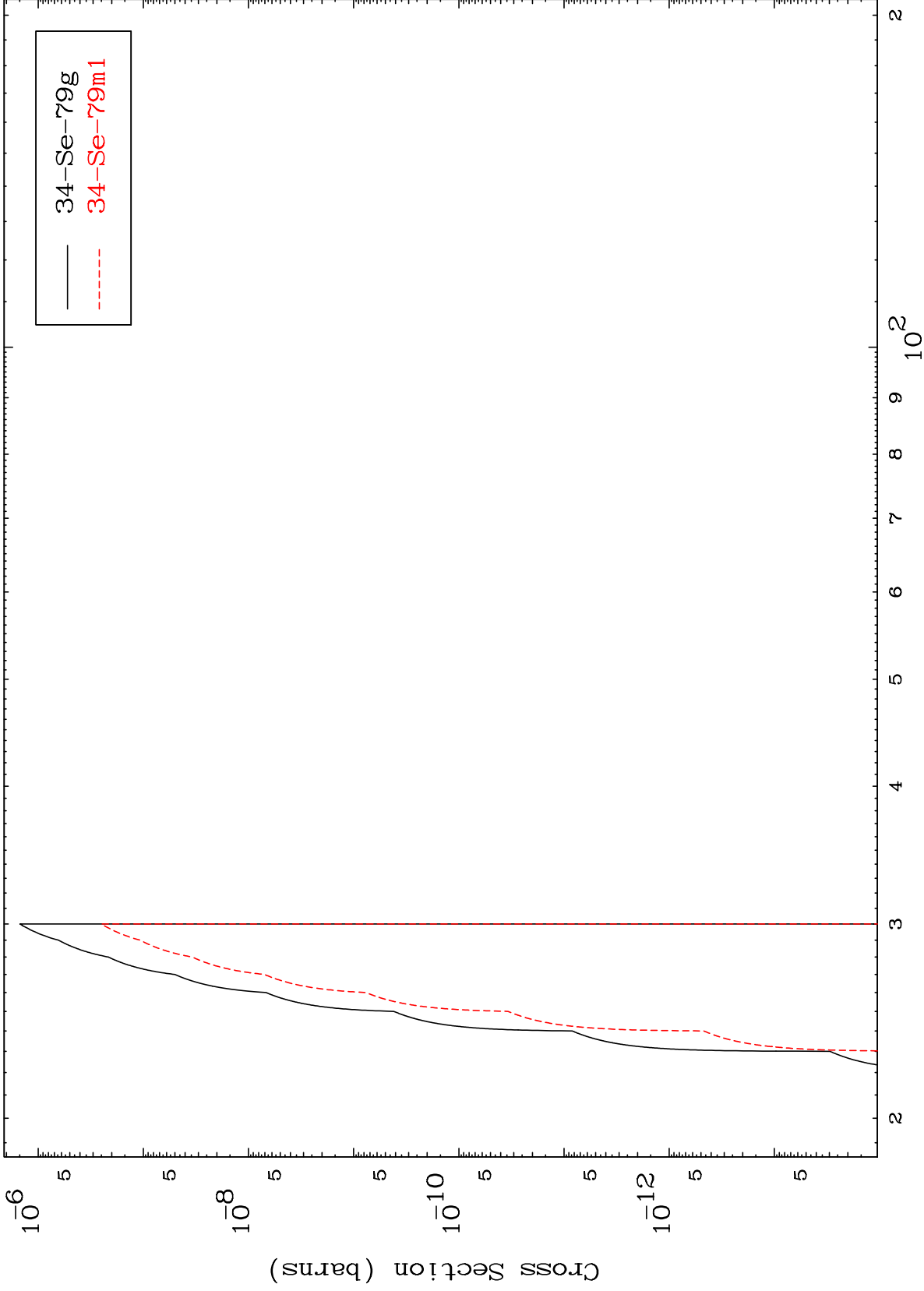
36-Kr-82

MAT 3637

(n,p) t

36-Kr-82

Radionuclide Production Cross Section



103

Incident Energy (MeV)

36-Kr-82