

Program EVALPLOT
(Version 2021-1)

by

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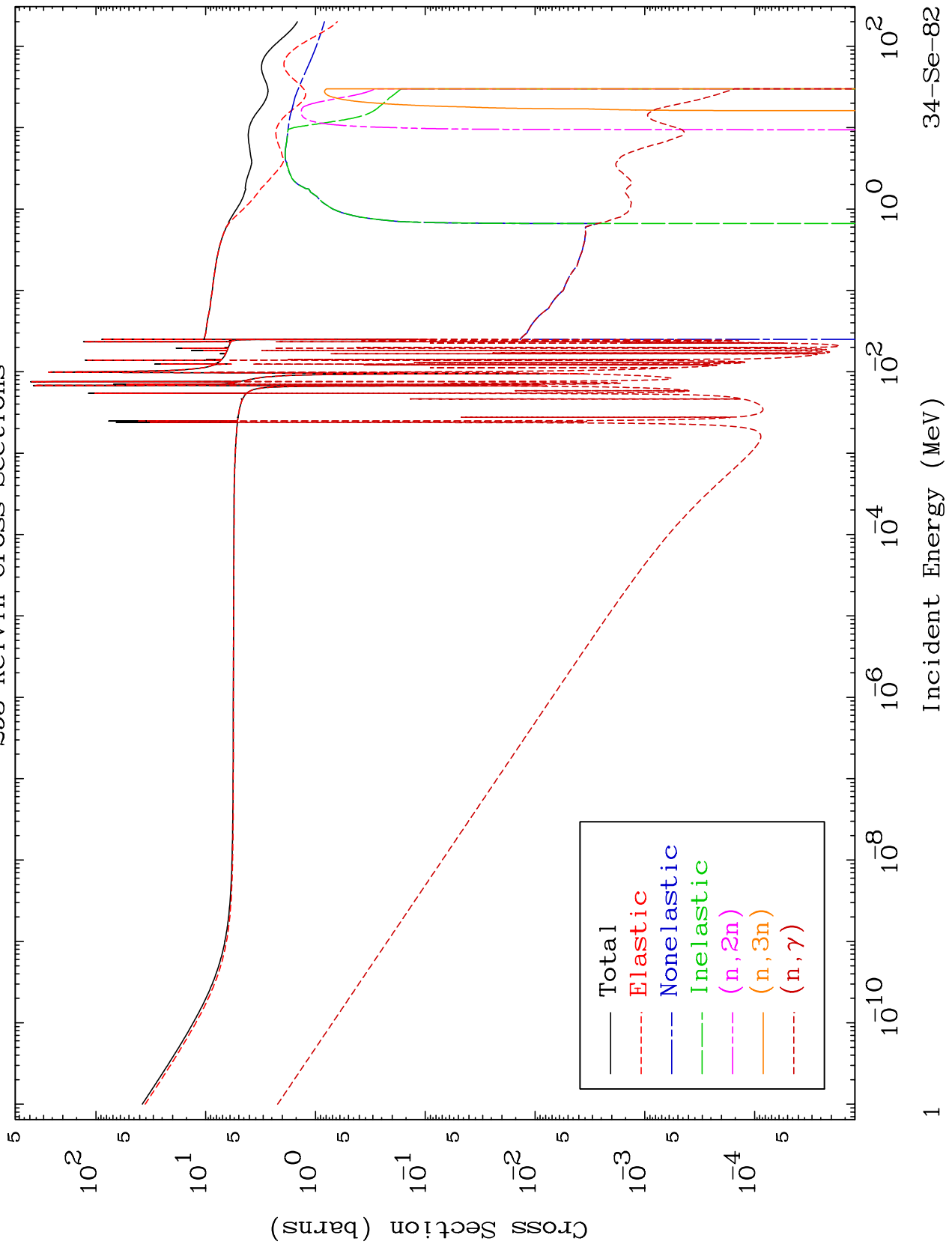
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3449

Neutron Major
293 Kelvin Cross Sections

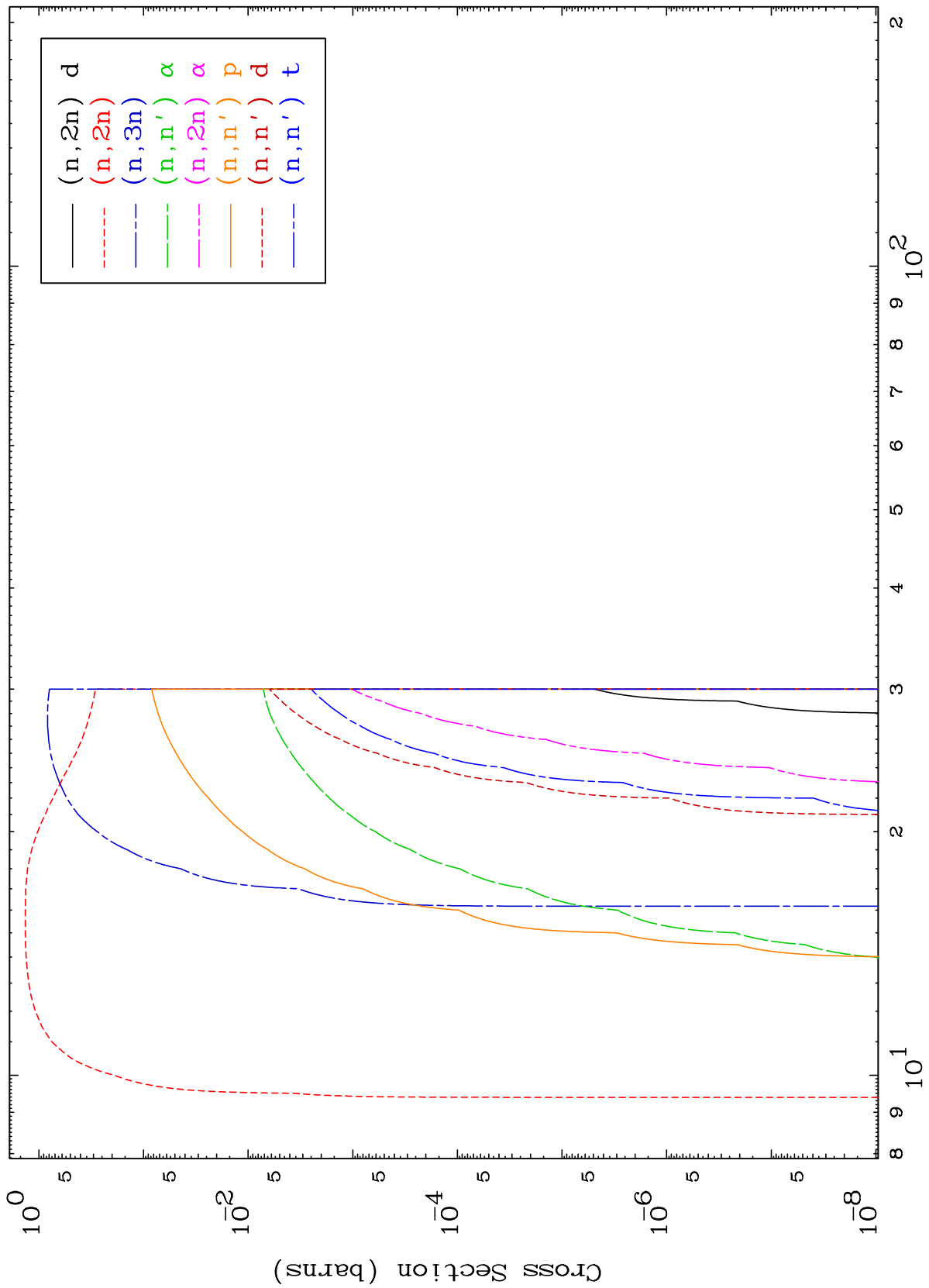
34-Se-82



MAT 3449

Neutron Absorption
293 Kelvin Cross Sections

34-Se-82



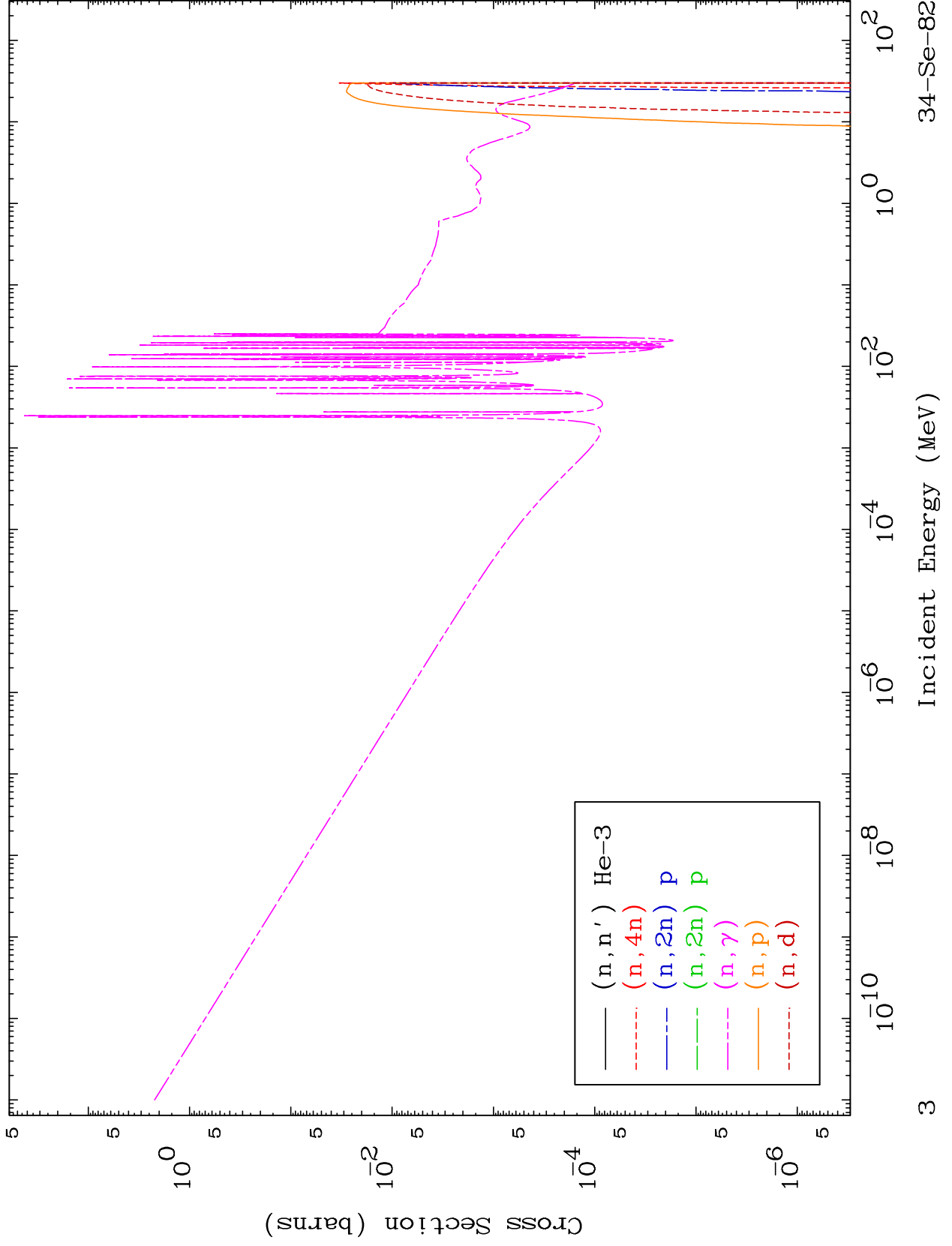
Incident Energy (MeV)

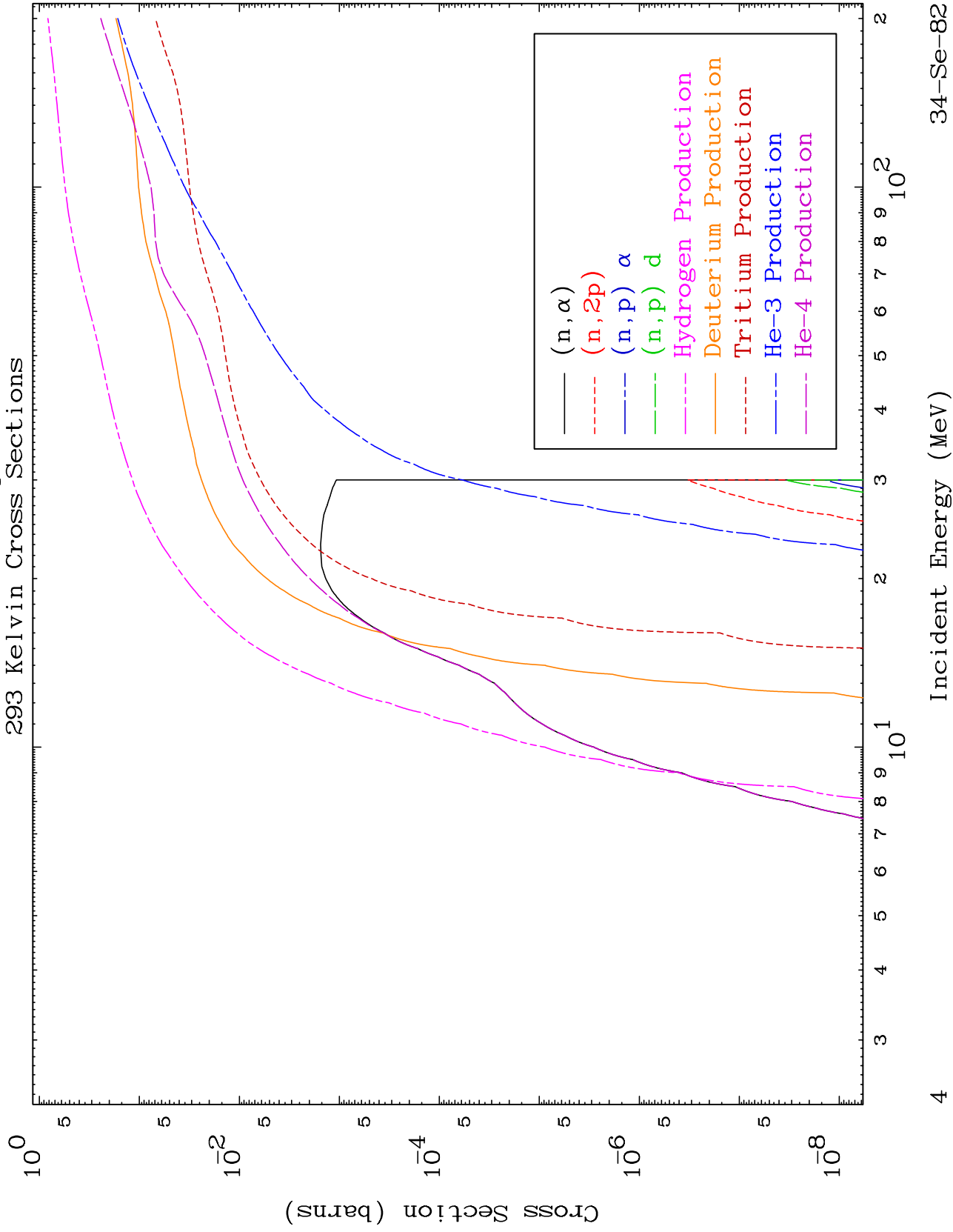
34-Se-82

MAT 3449

Neutron Absorption
293 Kelvin Cross Sections

34-Se-82

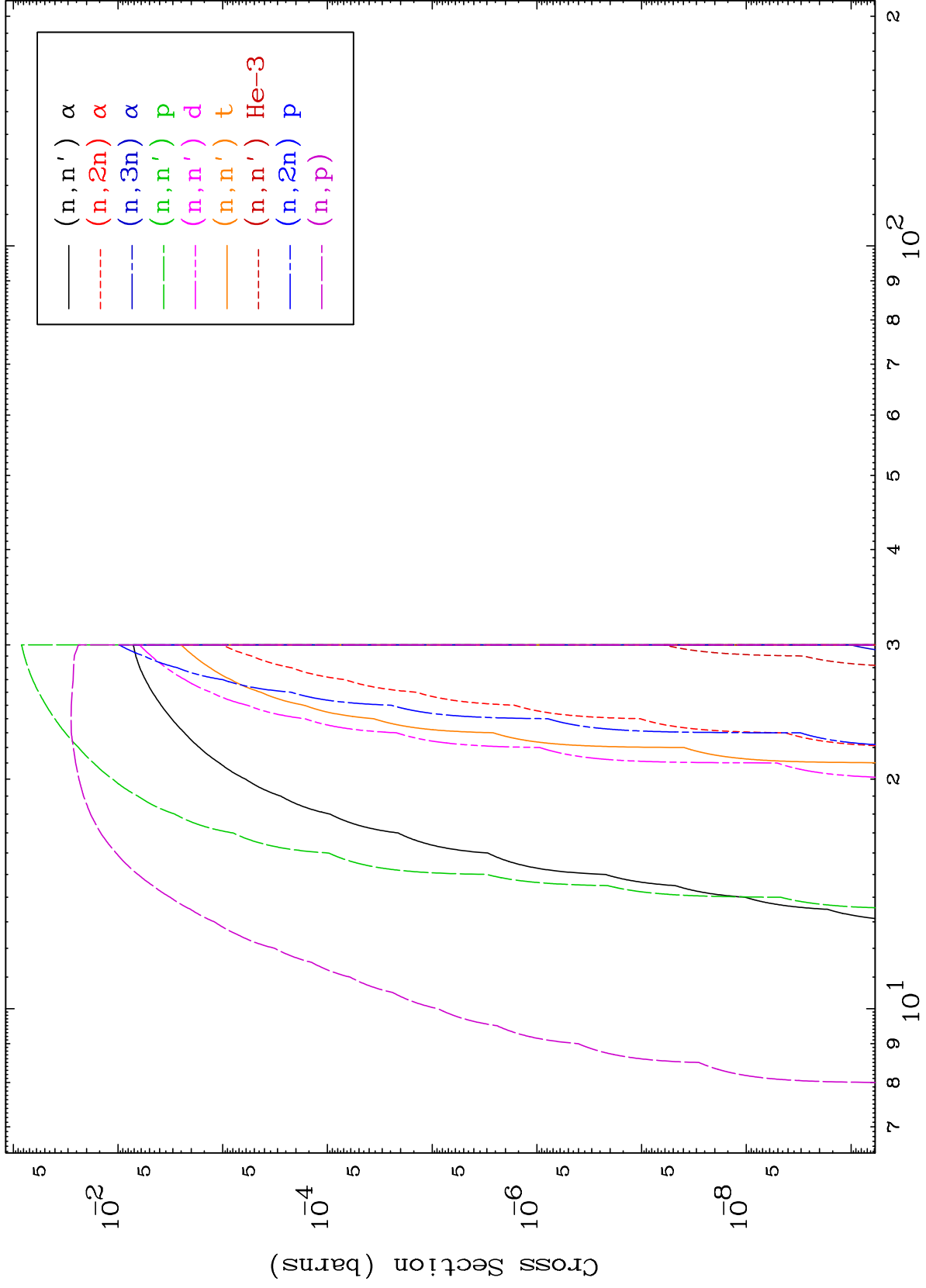




MAT 3449

Charged Particle
293 Kelvin Cross Sections

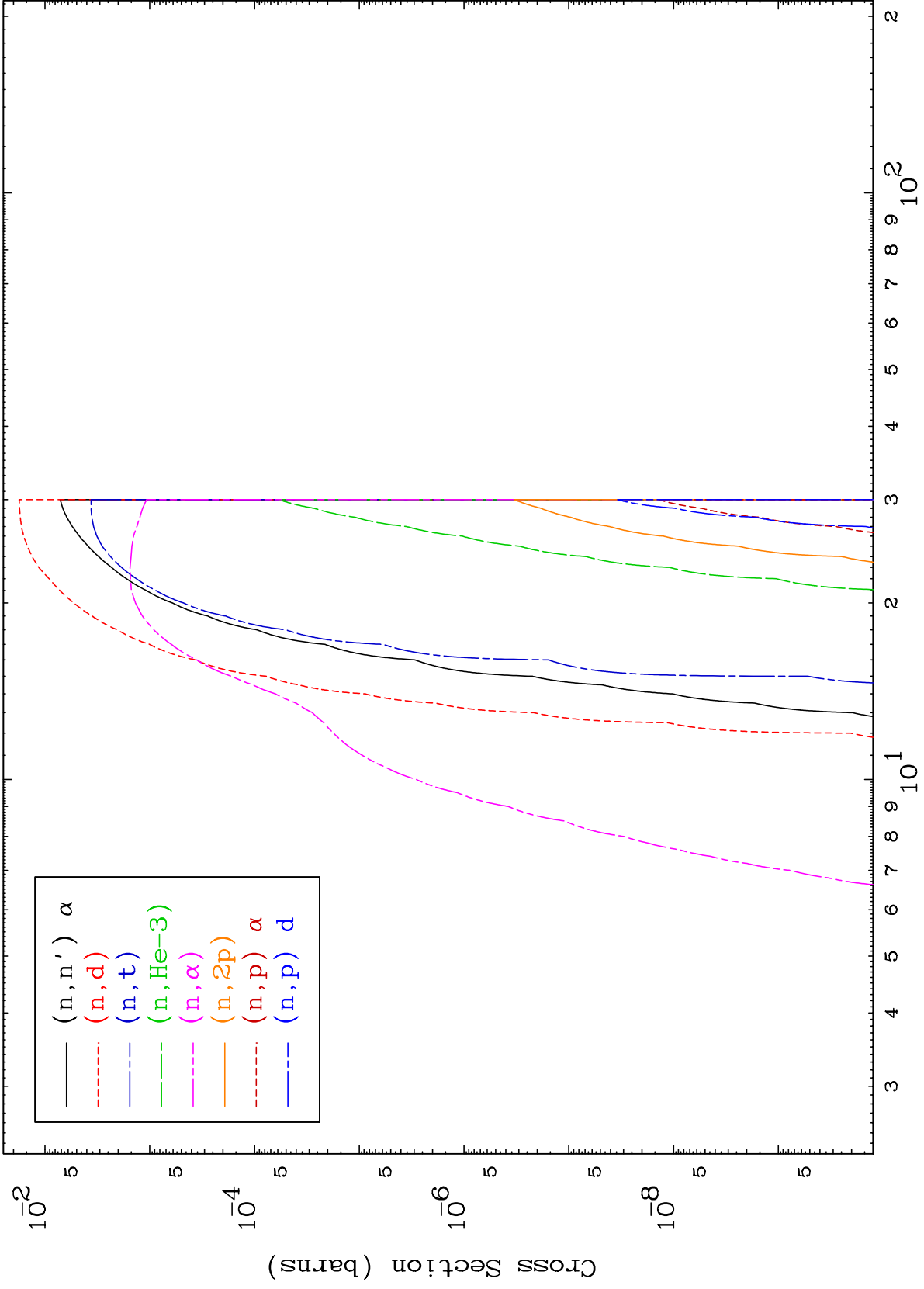
34-Se-82



5

Incident Energy (MeV)

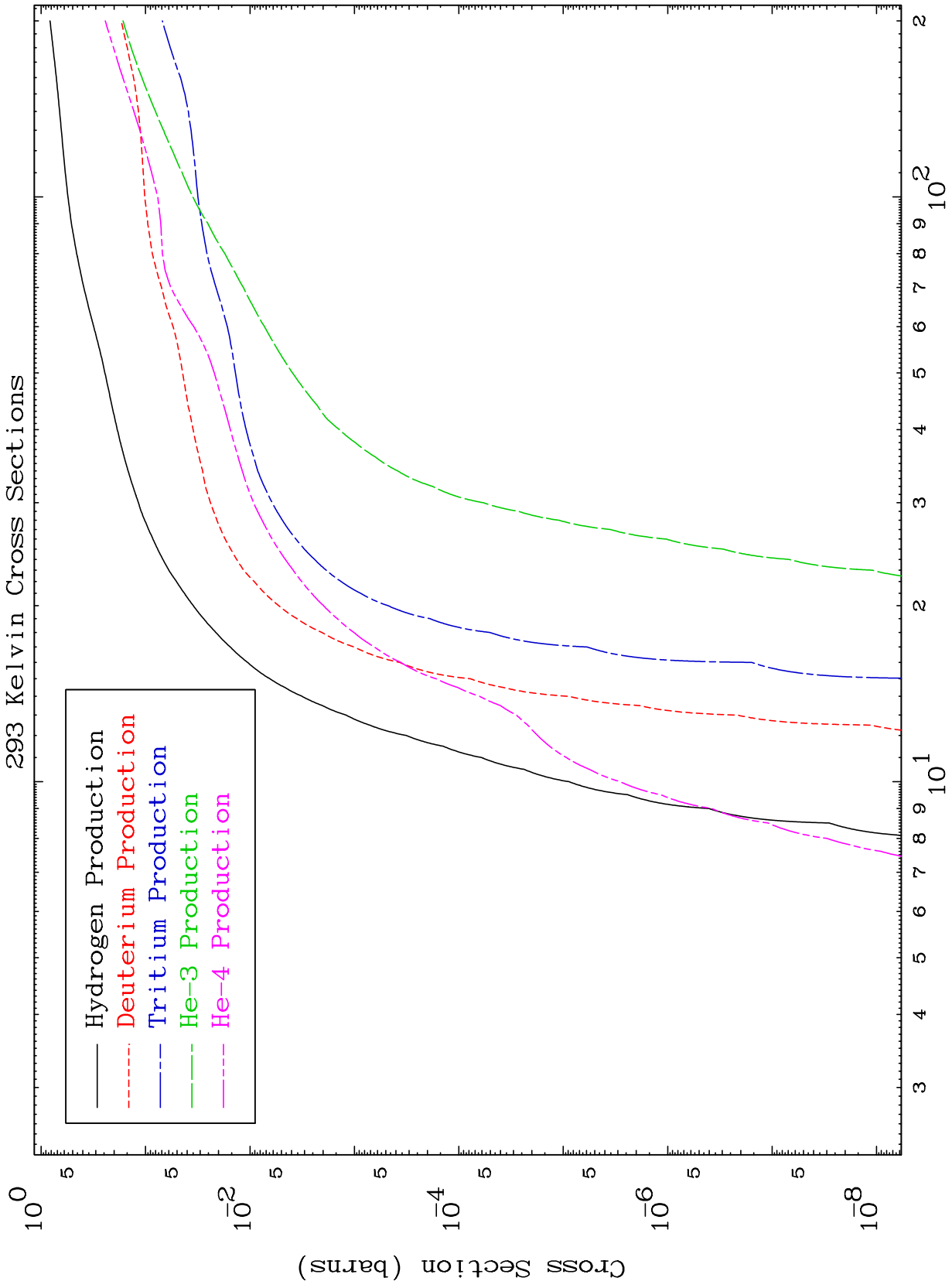
34-Se-82

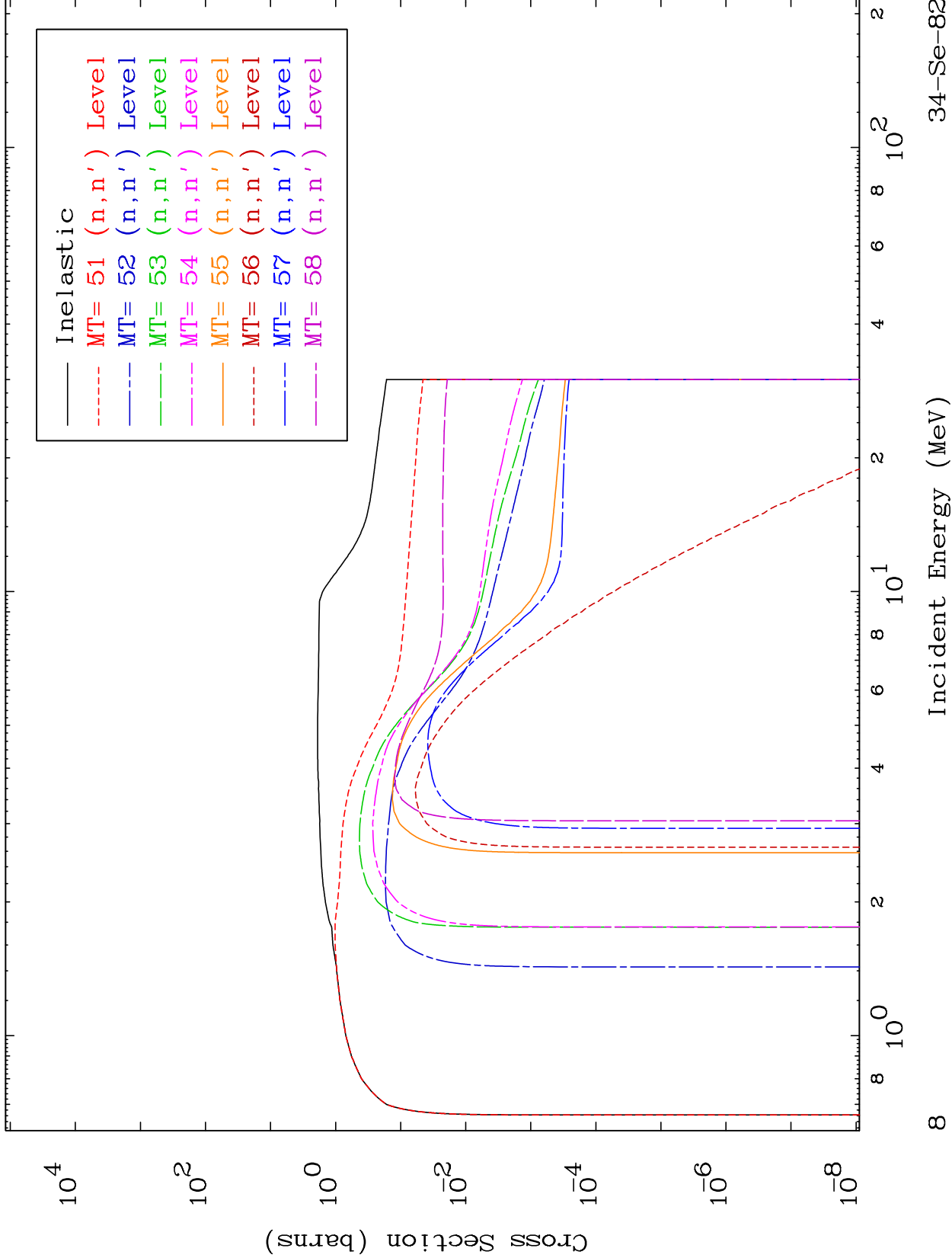


MAT 3449

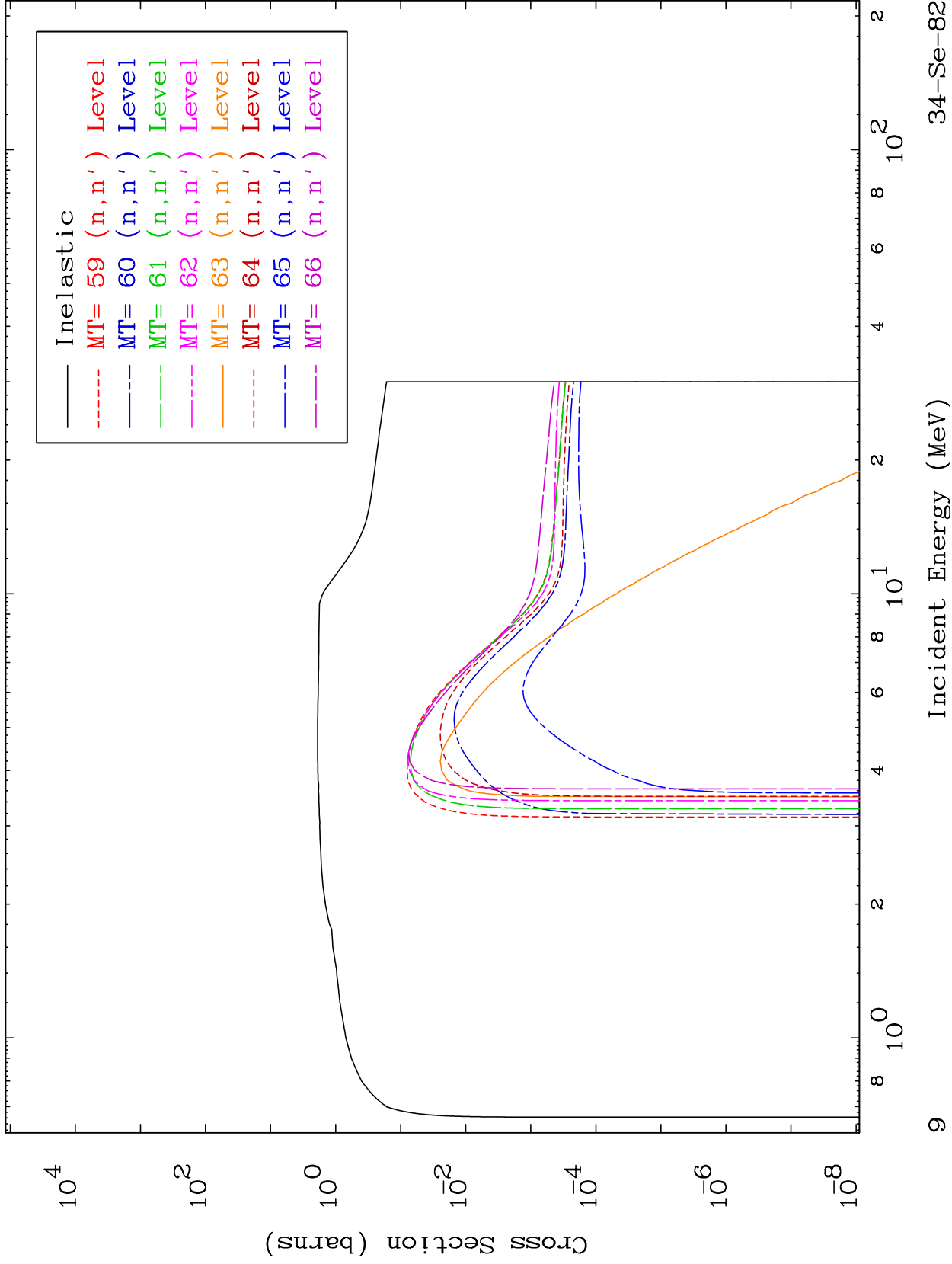
Particle Production
293 Kelvin Cross Sections

34-Se-82





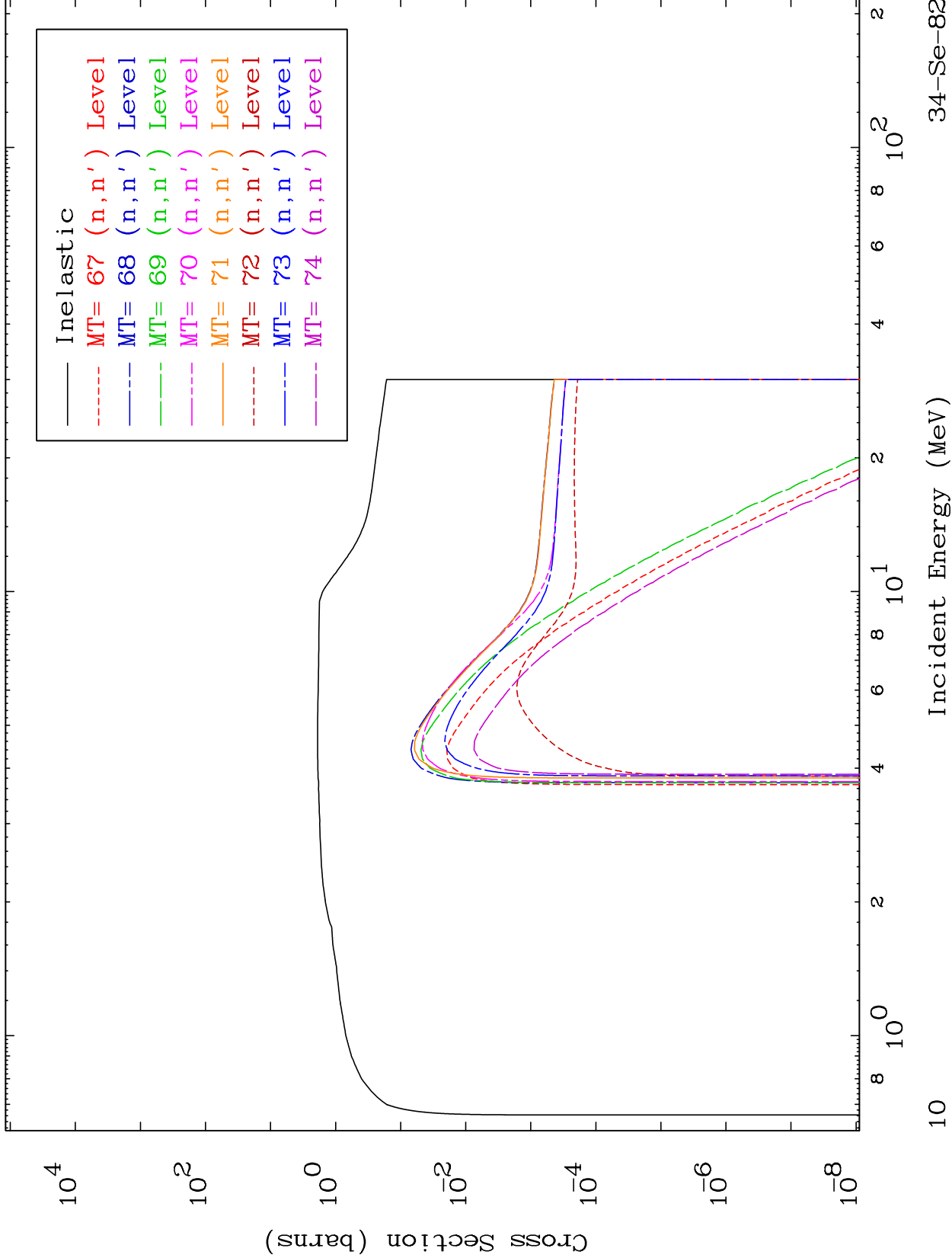
293 Kelvin Cross Sections



MAT 3449

(n,n') Levels
293 Kelvin Cross Sections

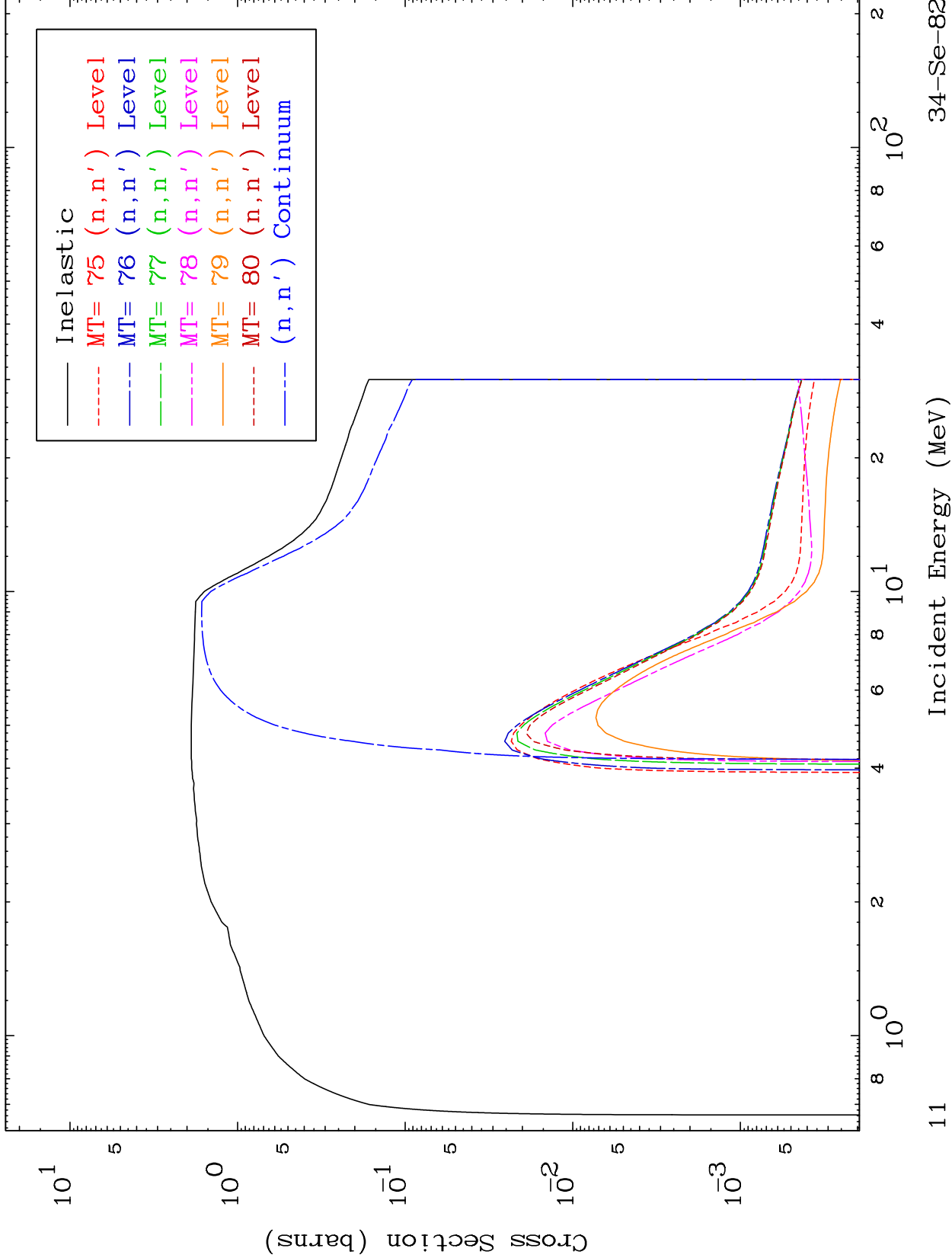
34-Se-82



34-Se-82

Incident Energy (MeV)

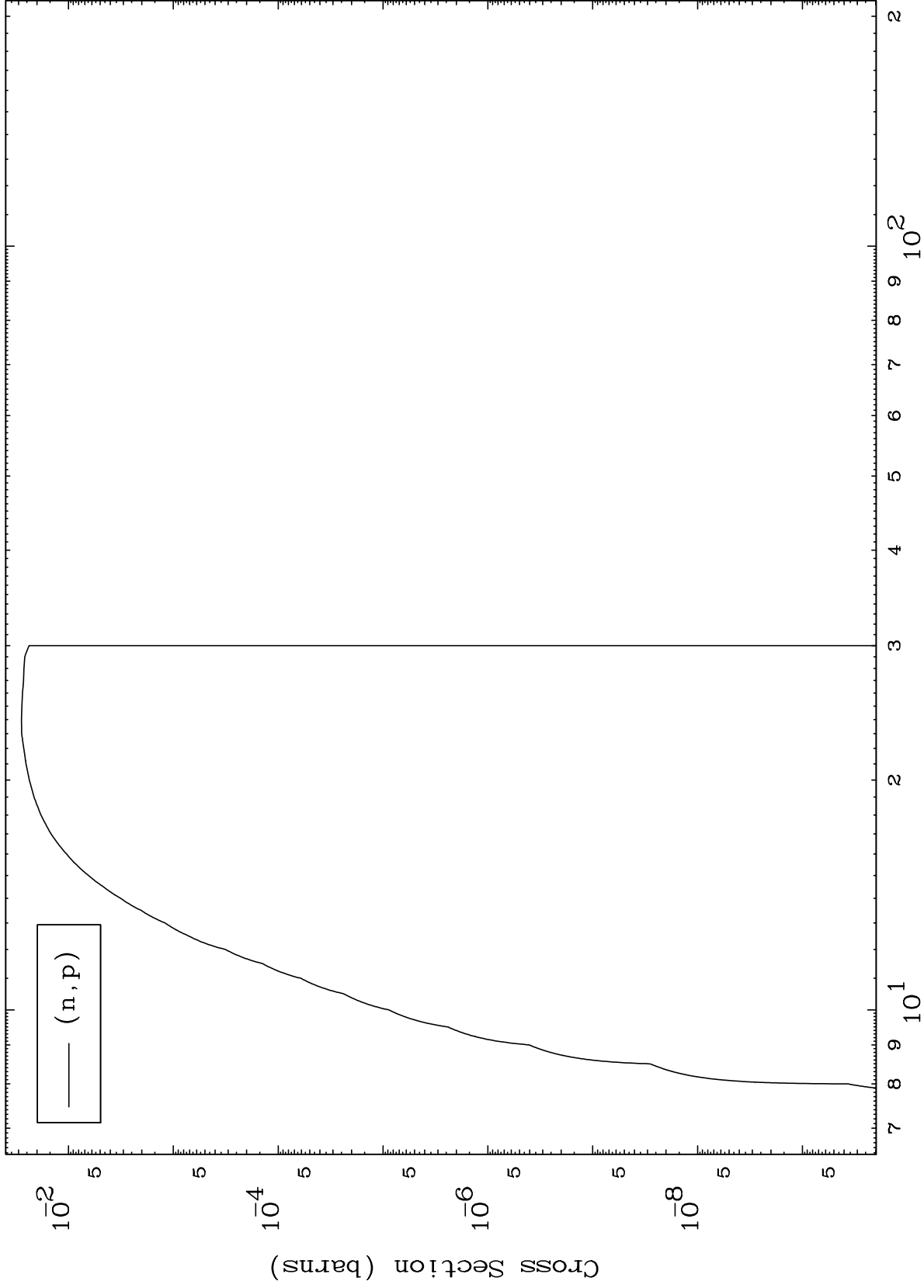
10



MAT 3449

(n,p) Levels
293 Kelvin Cross Sections

34-Se-82



12

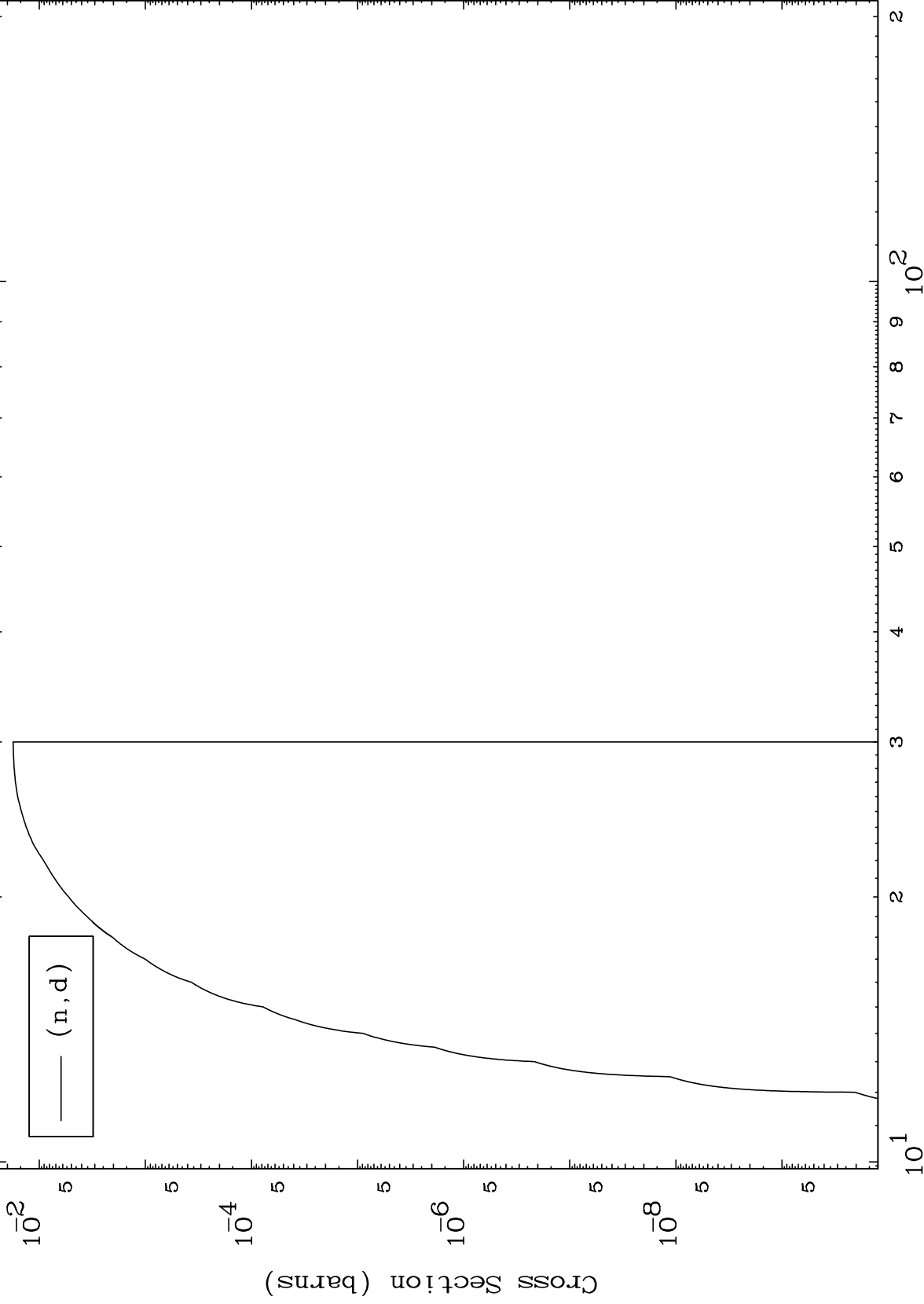
Incident Energy (MeV)

34-Se-82

MAT 3449

(n,d) Levels
293 Kelvin Cross Sections

34-Se-82



13

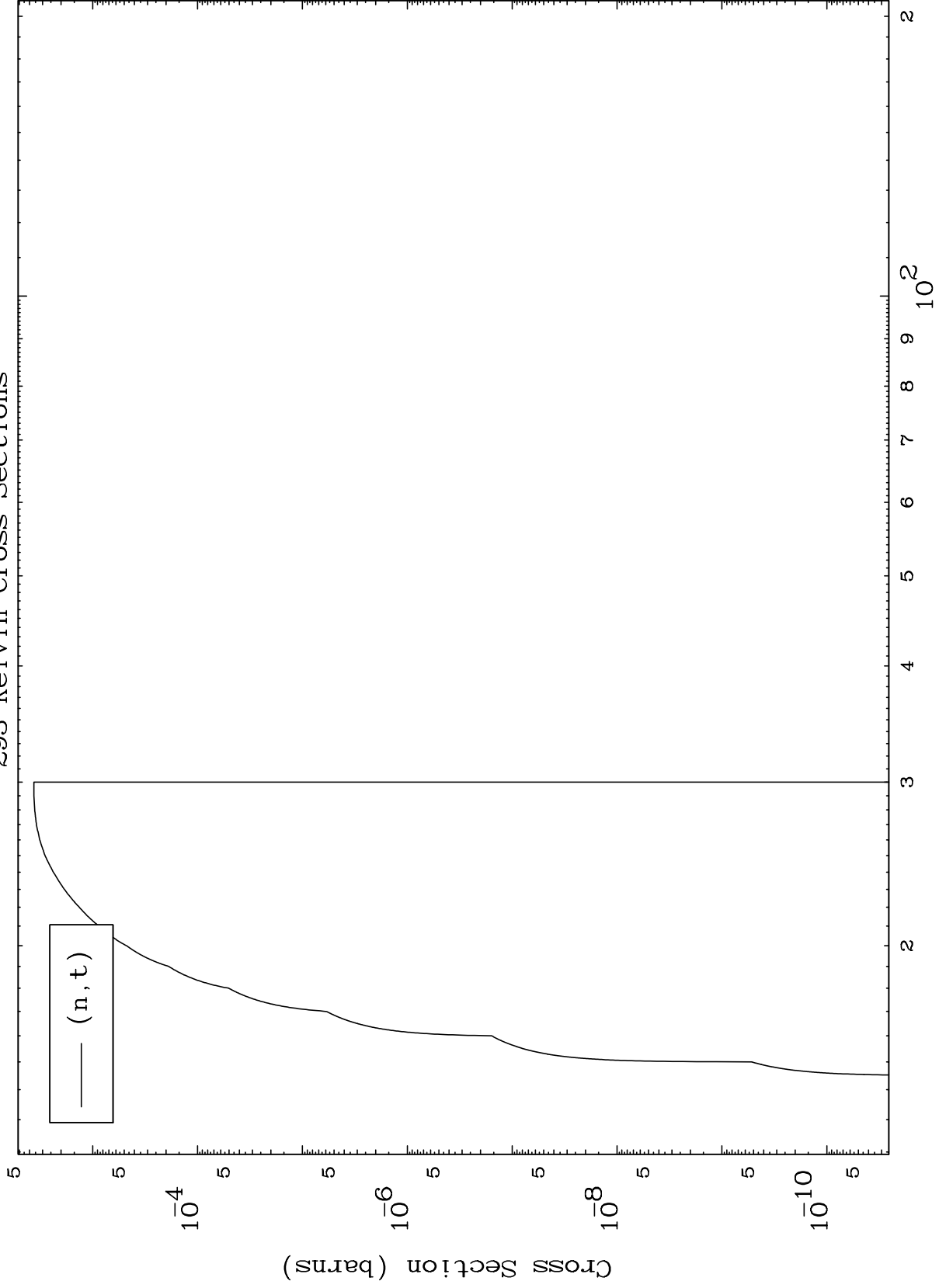
Incident Energy (MeV)

34-Se-82

MAT 3449

(n,t) Levels
293 Kelvin Cross Sections

³⁴Se-82



14

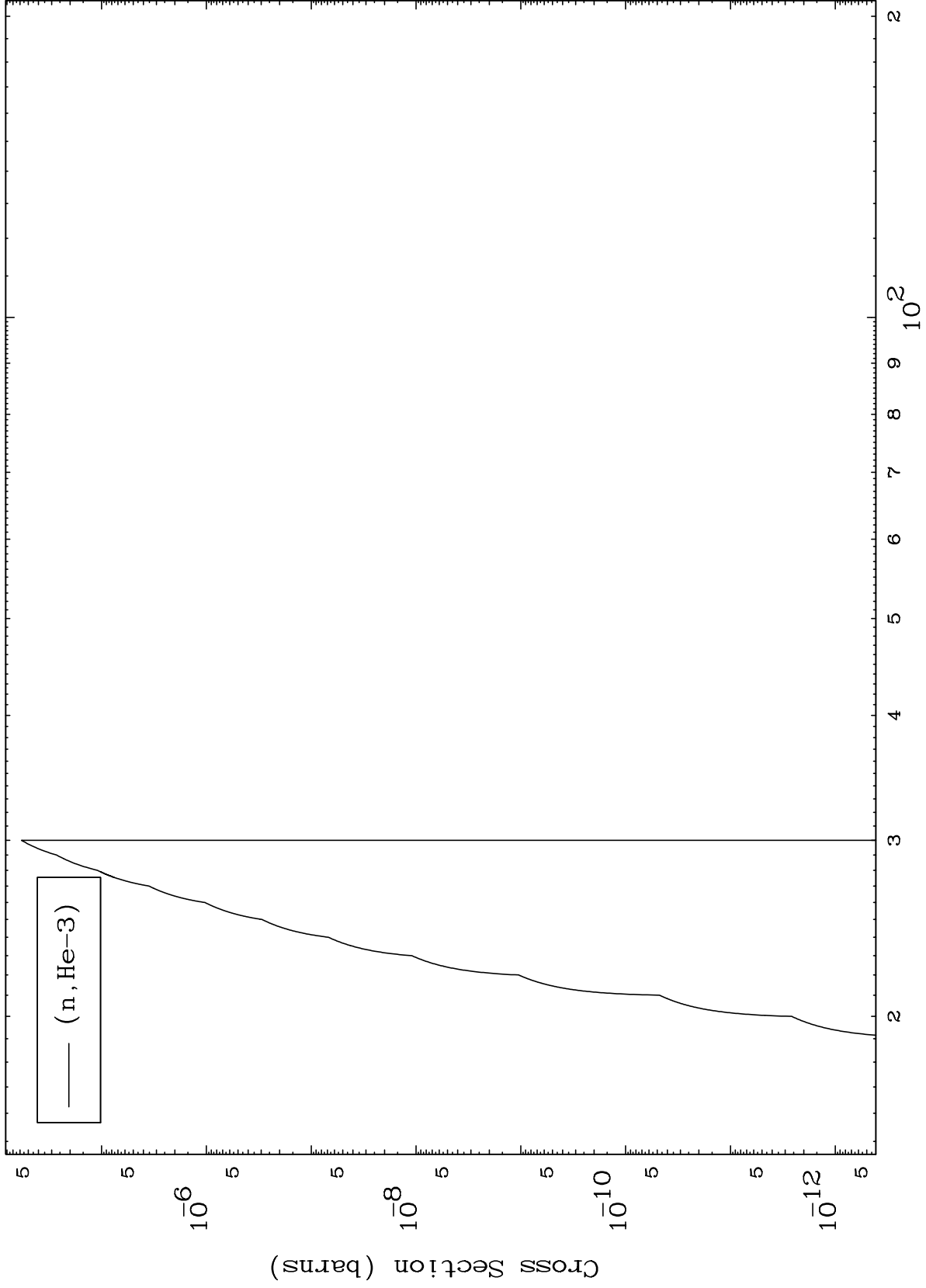
Incident Energy (MeV)

³⁴Se-82

MAT 3449

(n,He3) Levels
293 Kelvin Cross Sections

³⁴Se-82



15

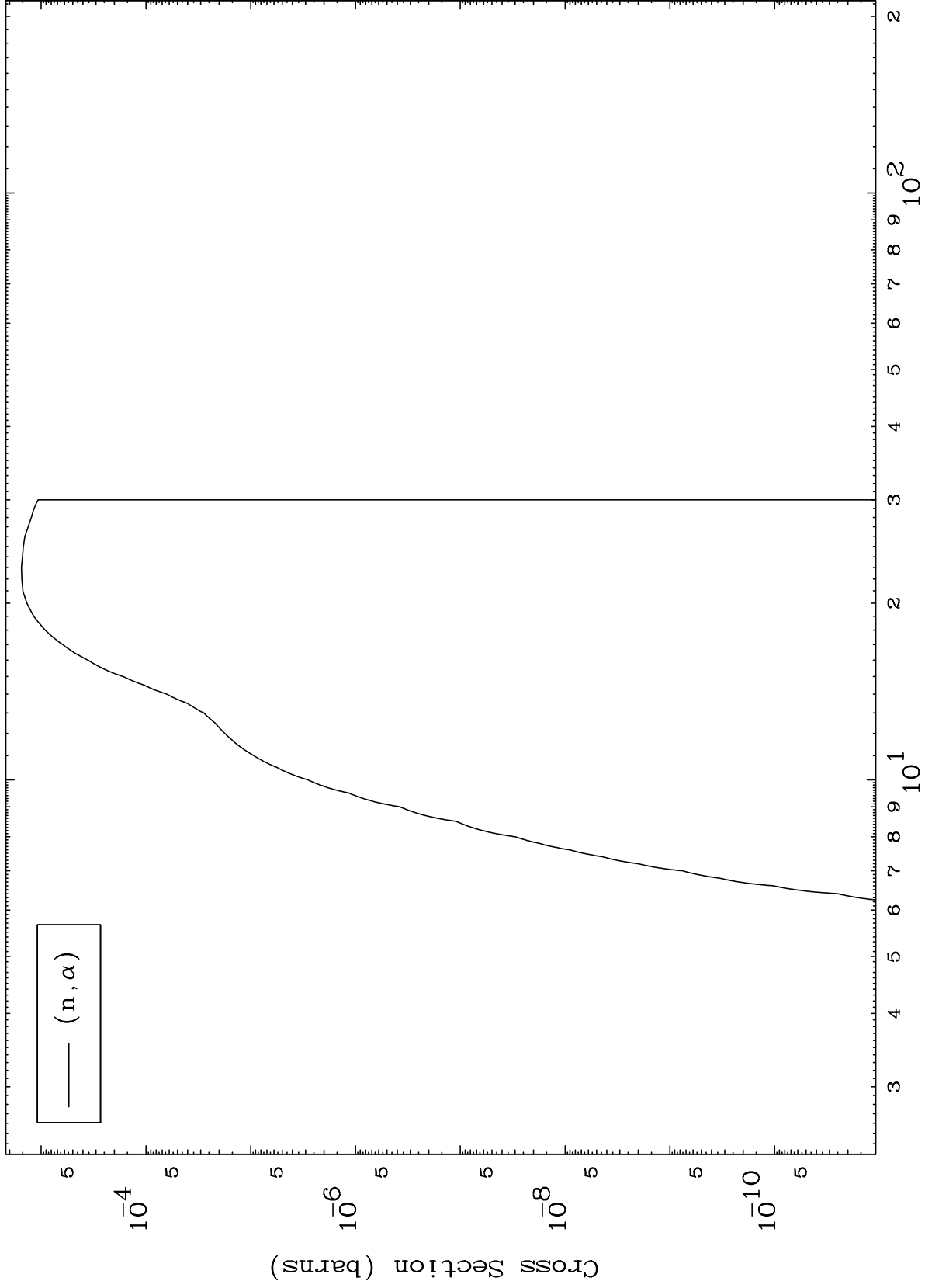
Incident Energy (MeV)

³⁴Se-82

MAT 3449

(n, α) Levels
293 Kelvin Cross Sections

34-Se-82



16

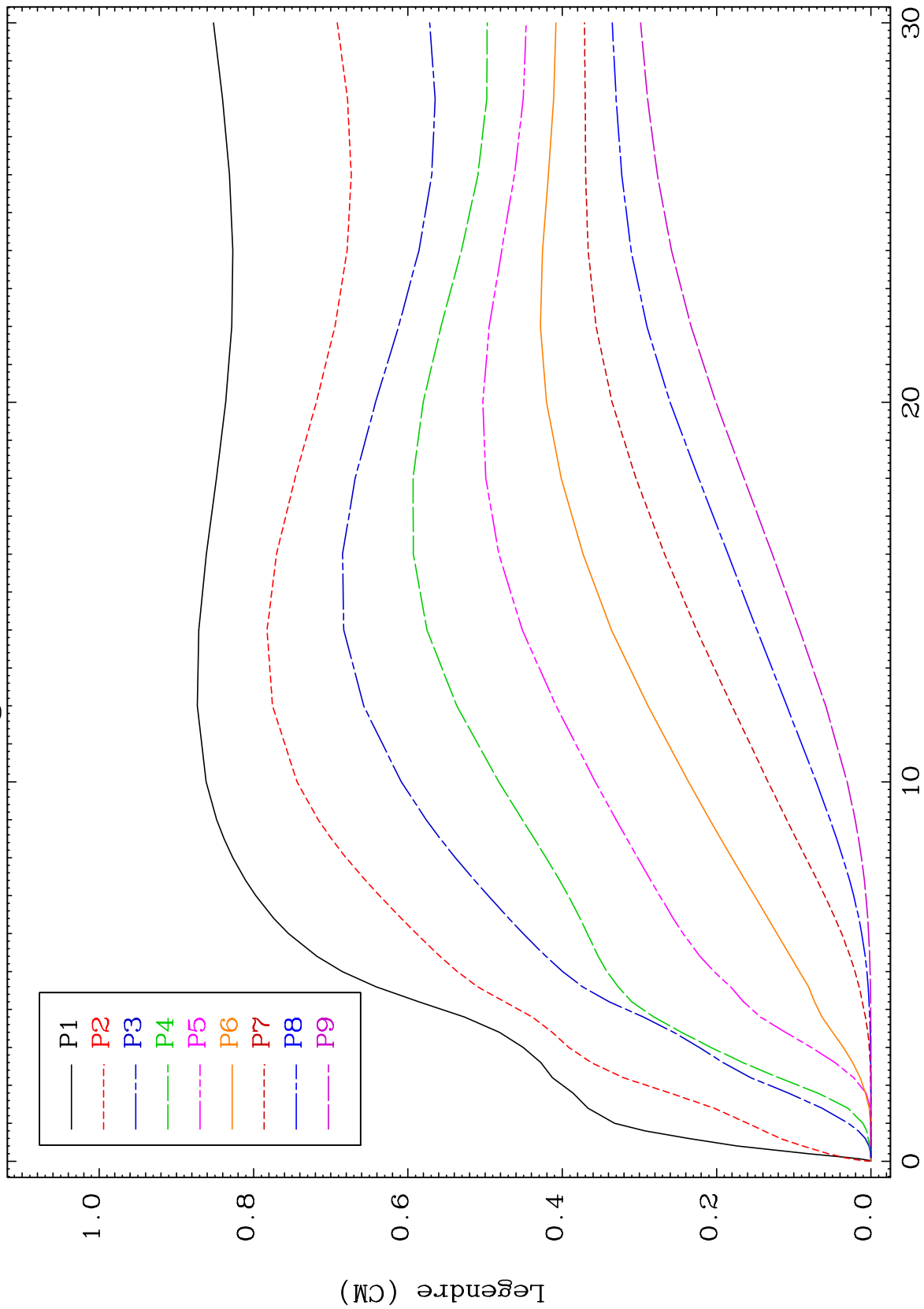
Incident Energy (MeV)

34-Se-82

MAT 3449

Elastic Legendre Coefficients

³⁴Se-82



17

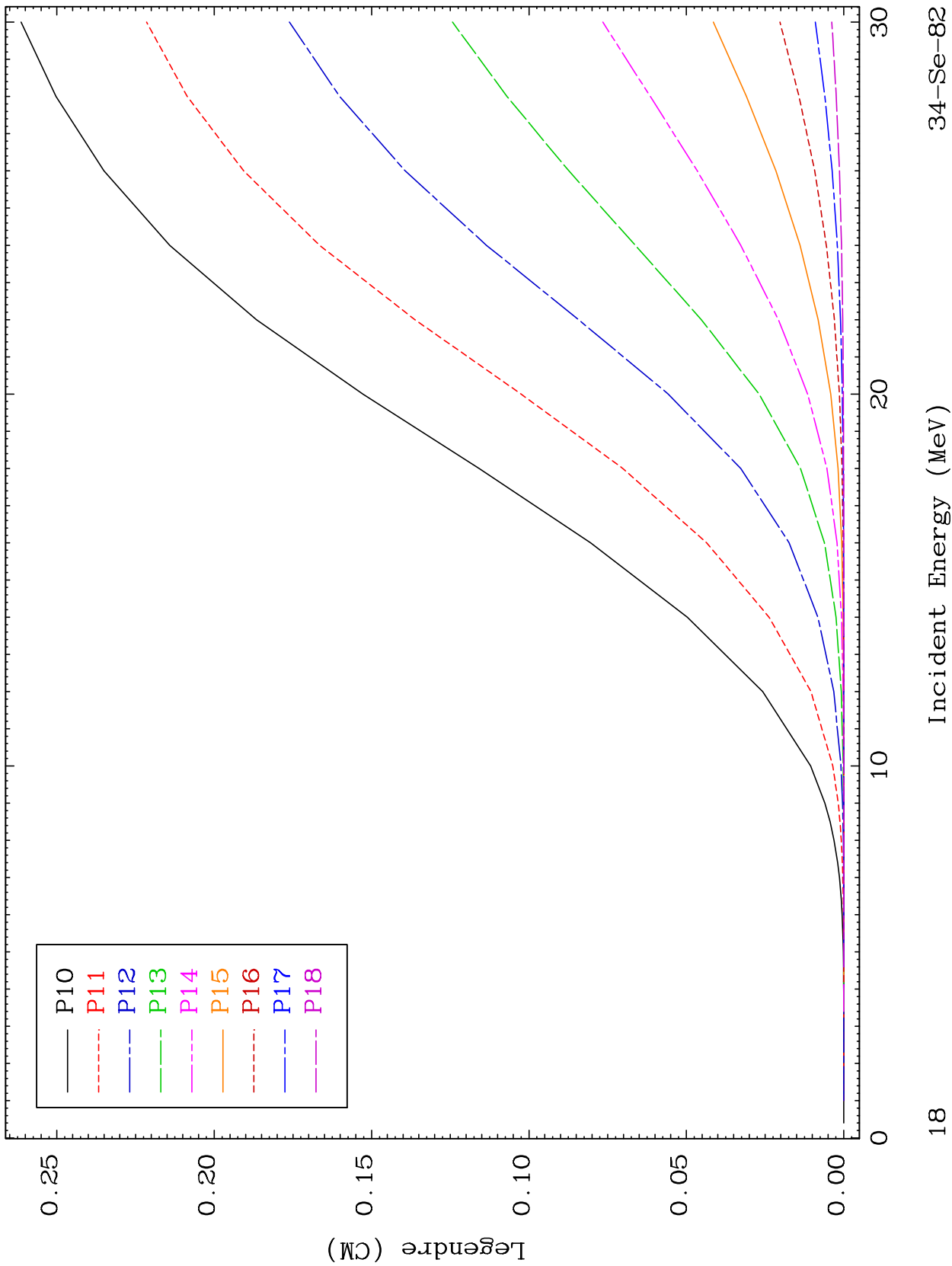
Incident Energy (MeV)

³⁴Se-82

MAT 3449

Elastic Legendre Coefficients

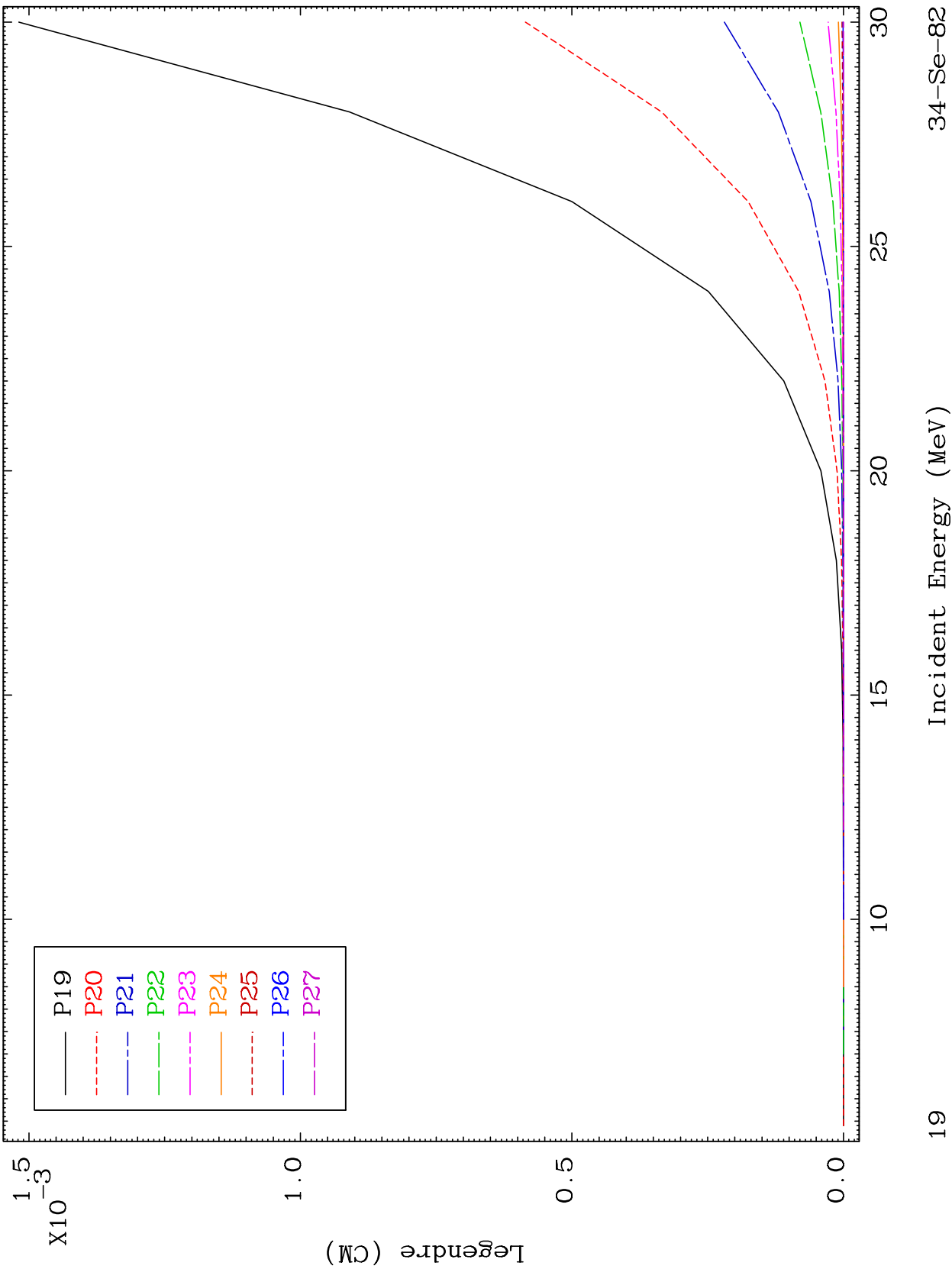
³⁴Se-82



MAT 3449

Elastic
Legendre Coefficients

34-Se-82



19

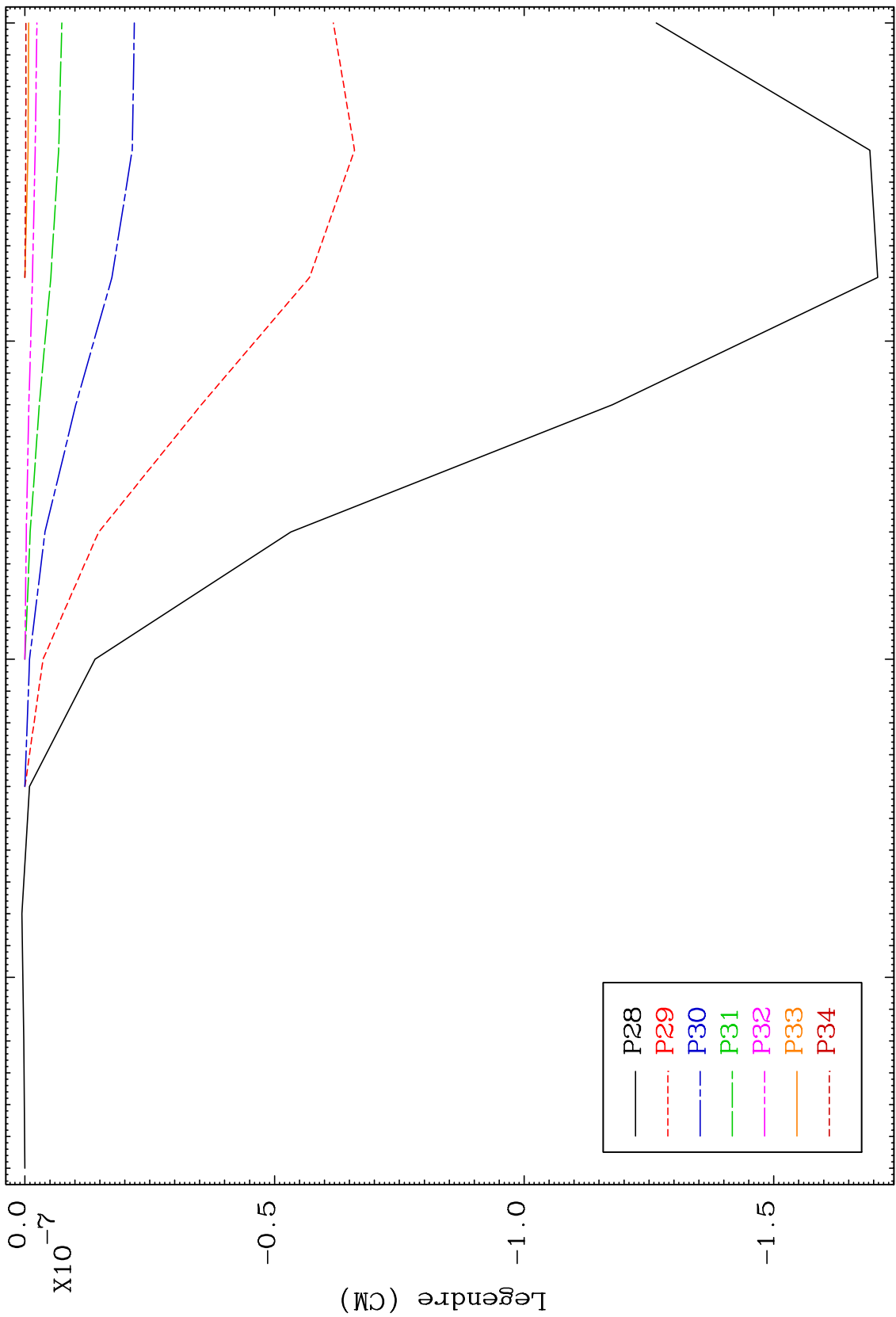
Incident Energy (MeV)

34-Se-82

MAT 3449

³⁴Se-82

Elastic Legendre Coefficients



Incident Energy (MeV)

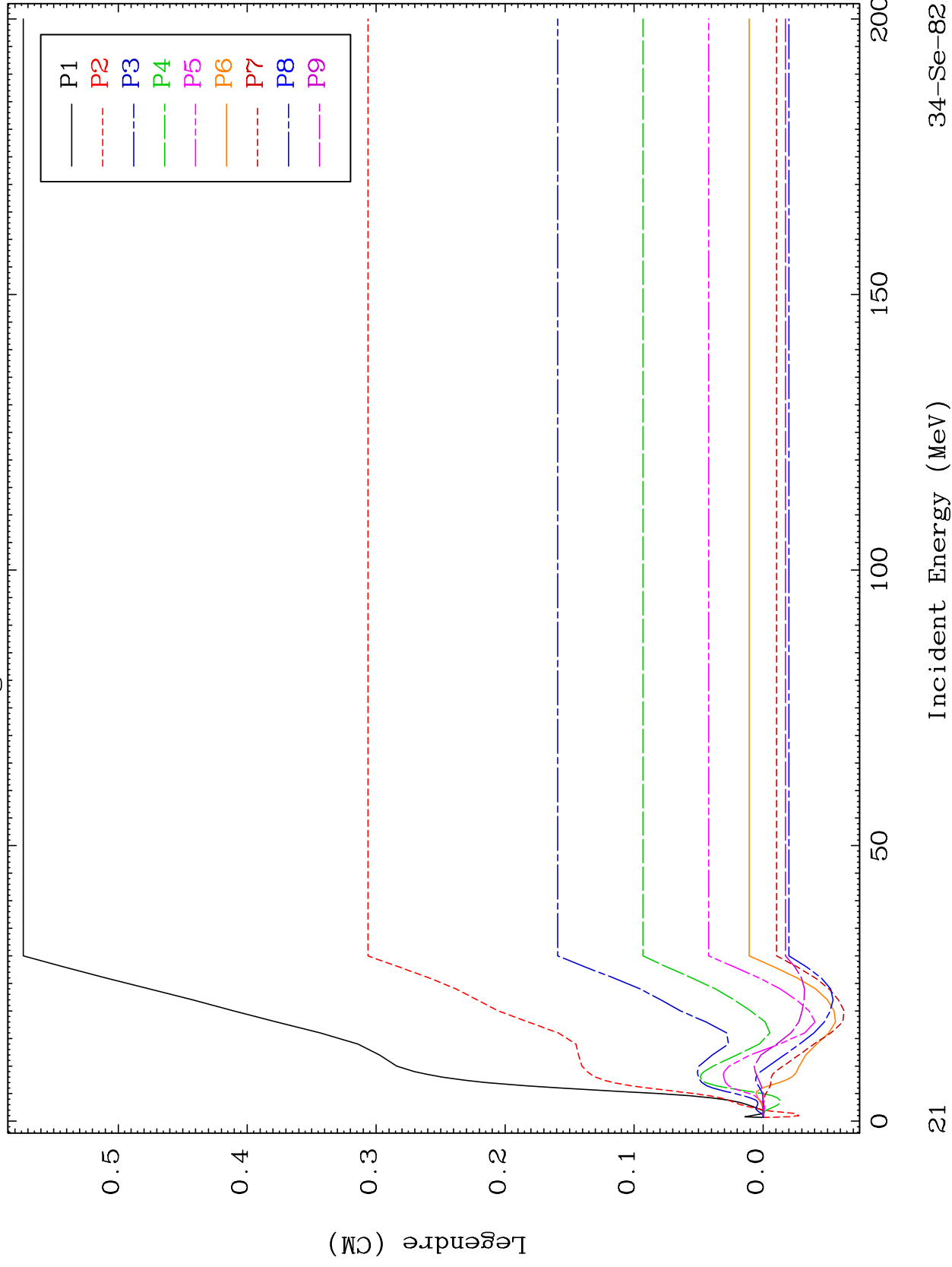
³⁴Se-82

MAT 3449

MAT 3449

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

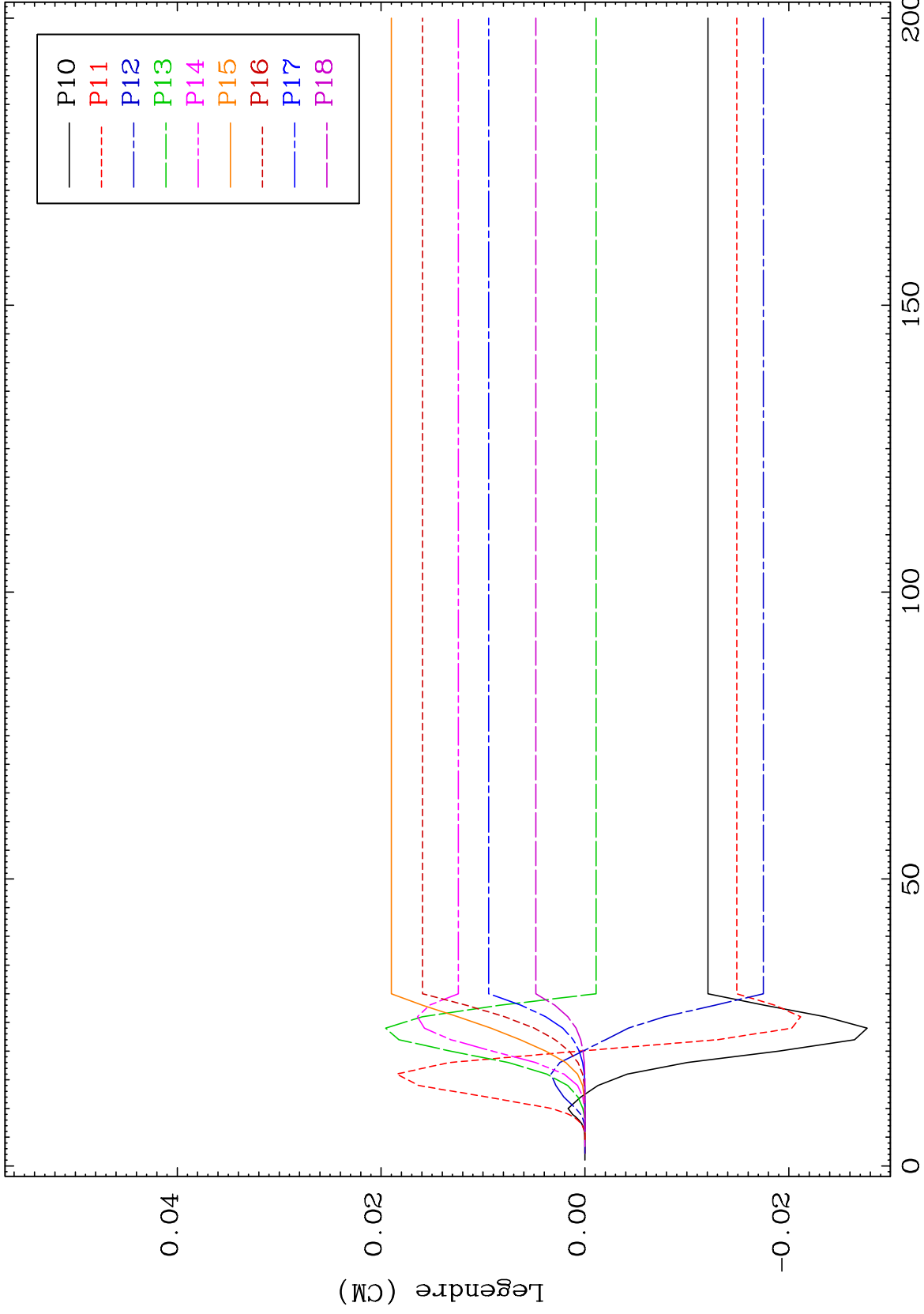
³⁴Se-82



MAT 3449

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

34-Se-82



22

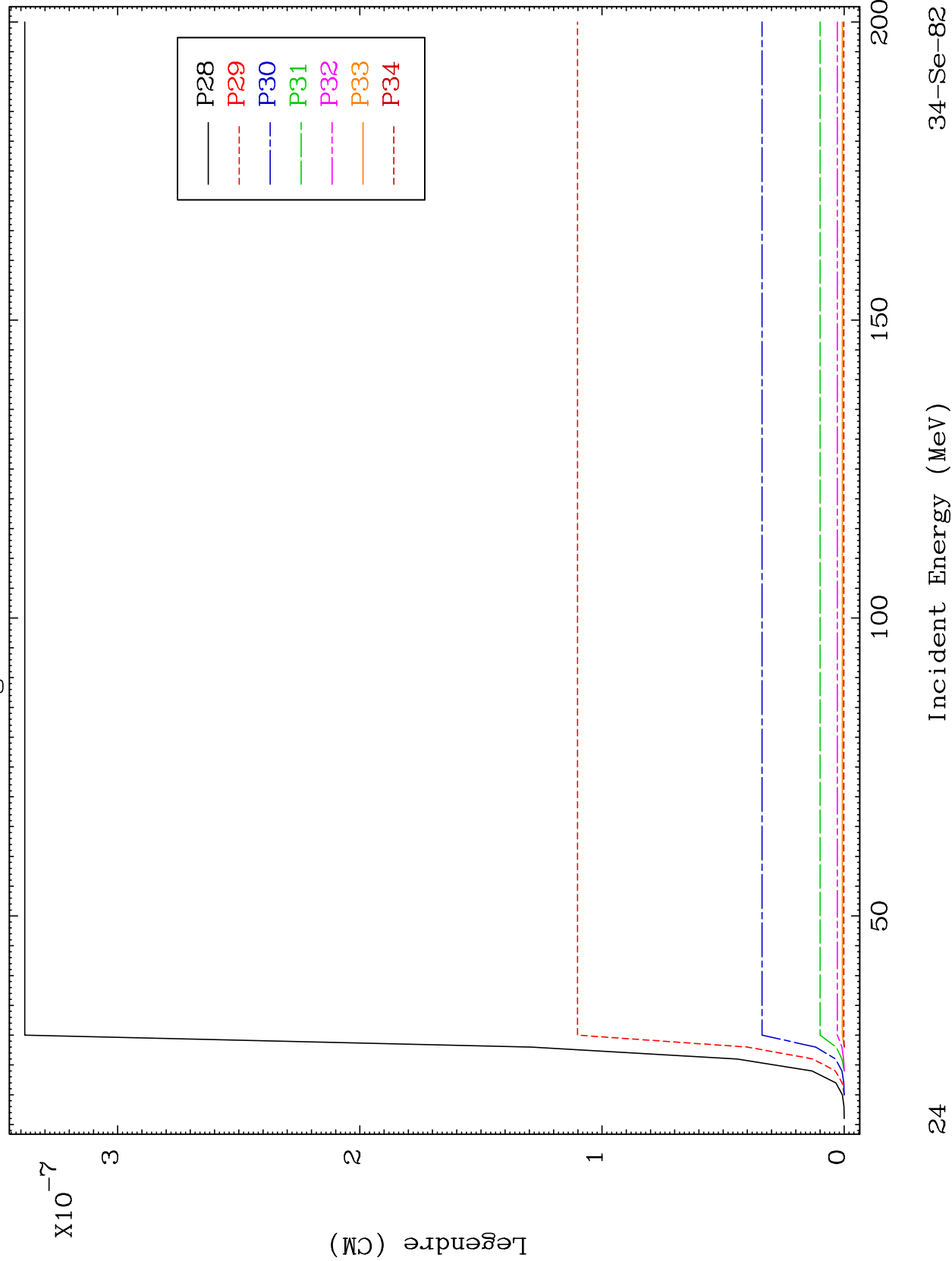
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



24

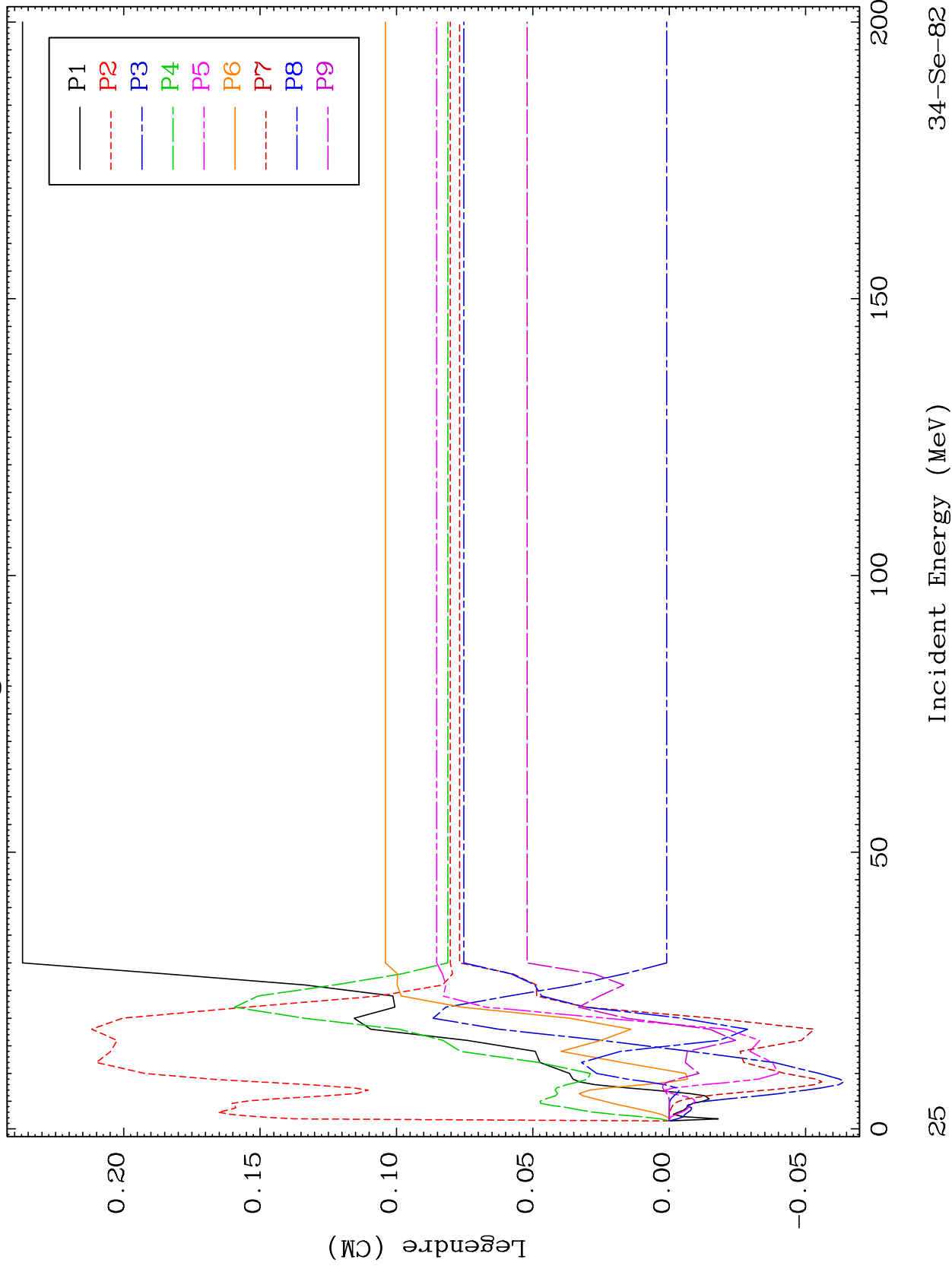
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



34-Se-82

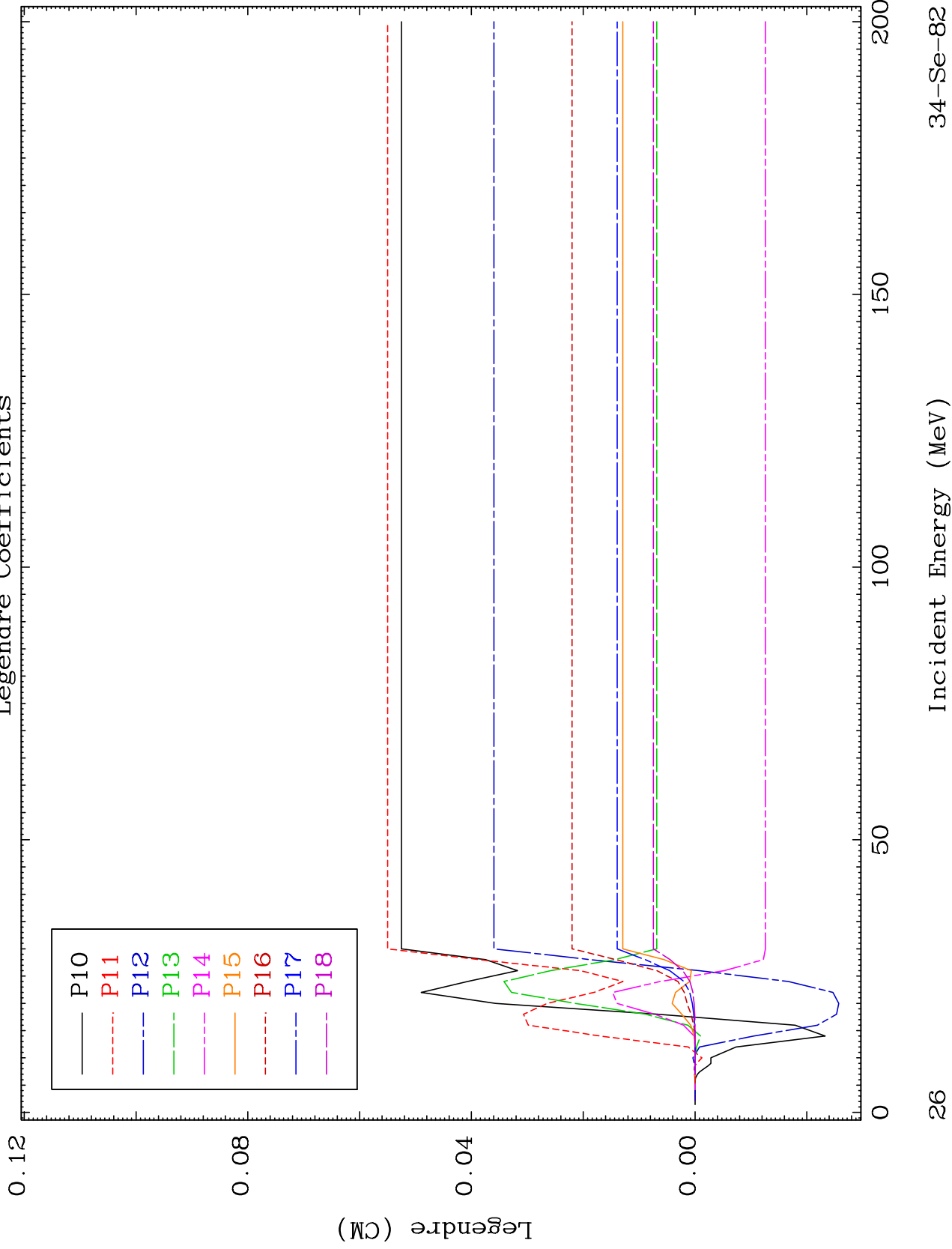
Incident Energy (MeV)

25

MAT 3449

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

³⁴Se-82



26

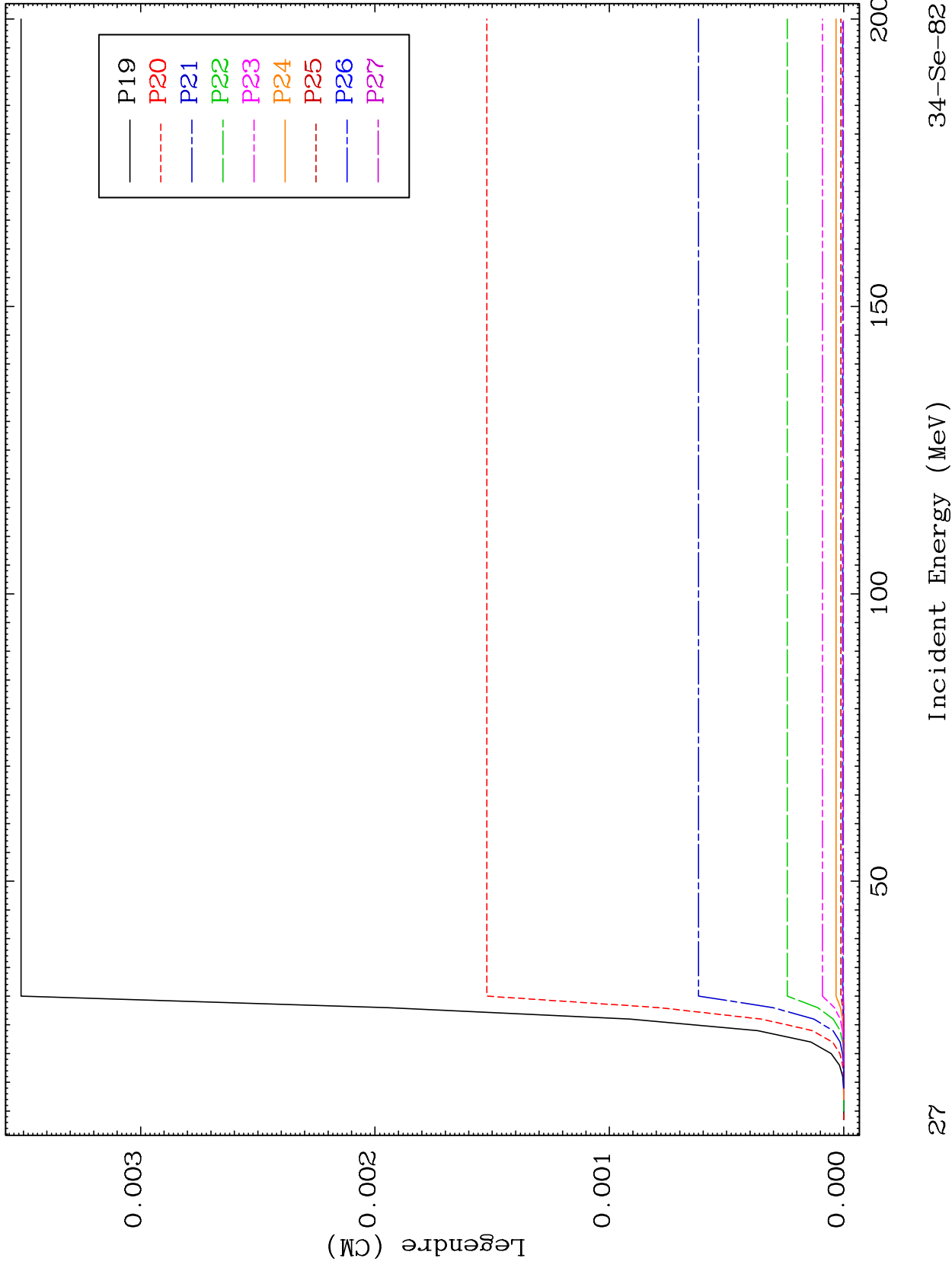
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



27

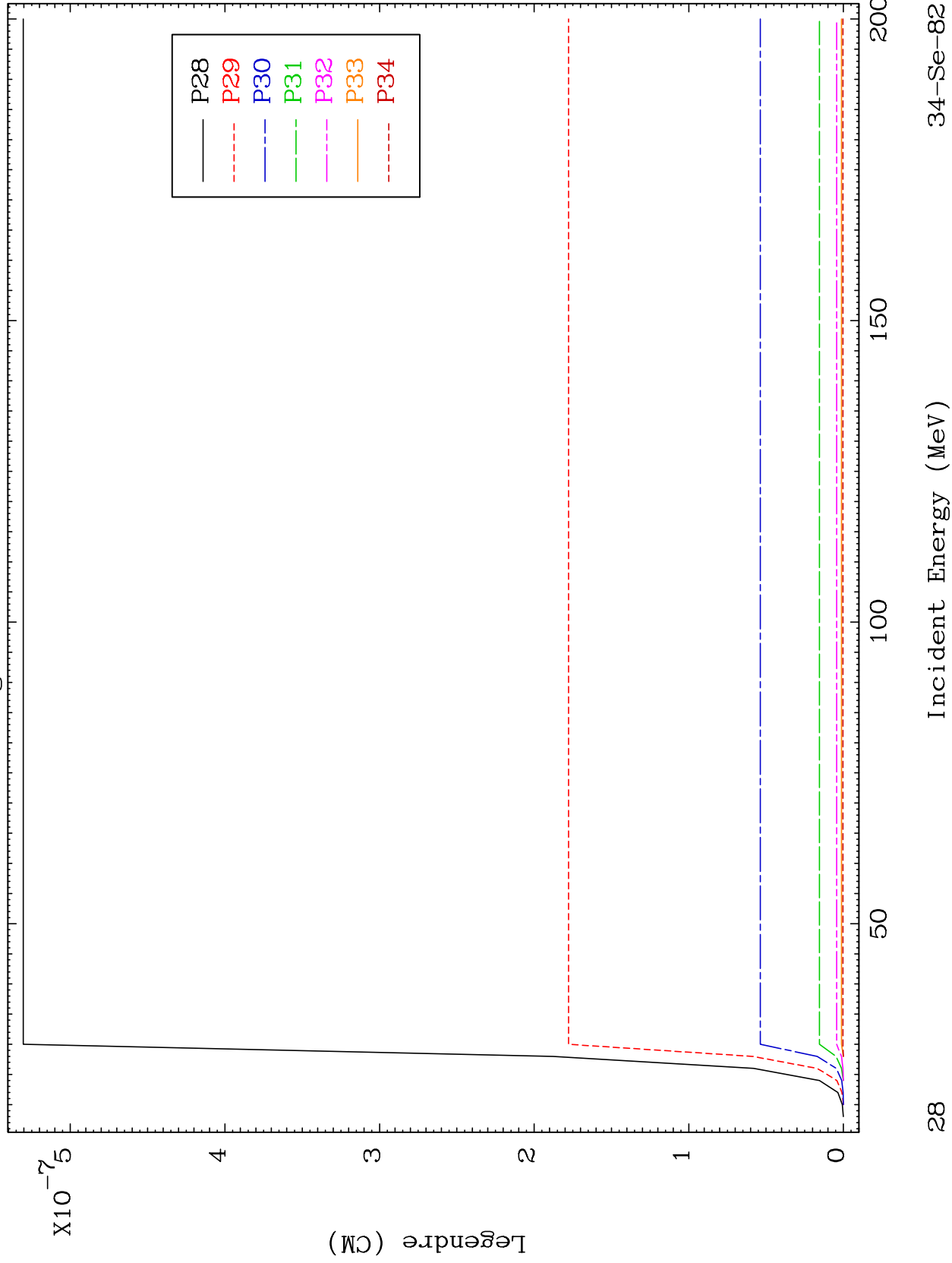
Incident Energy (MeV)

34-Se-82

MAT 3449

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

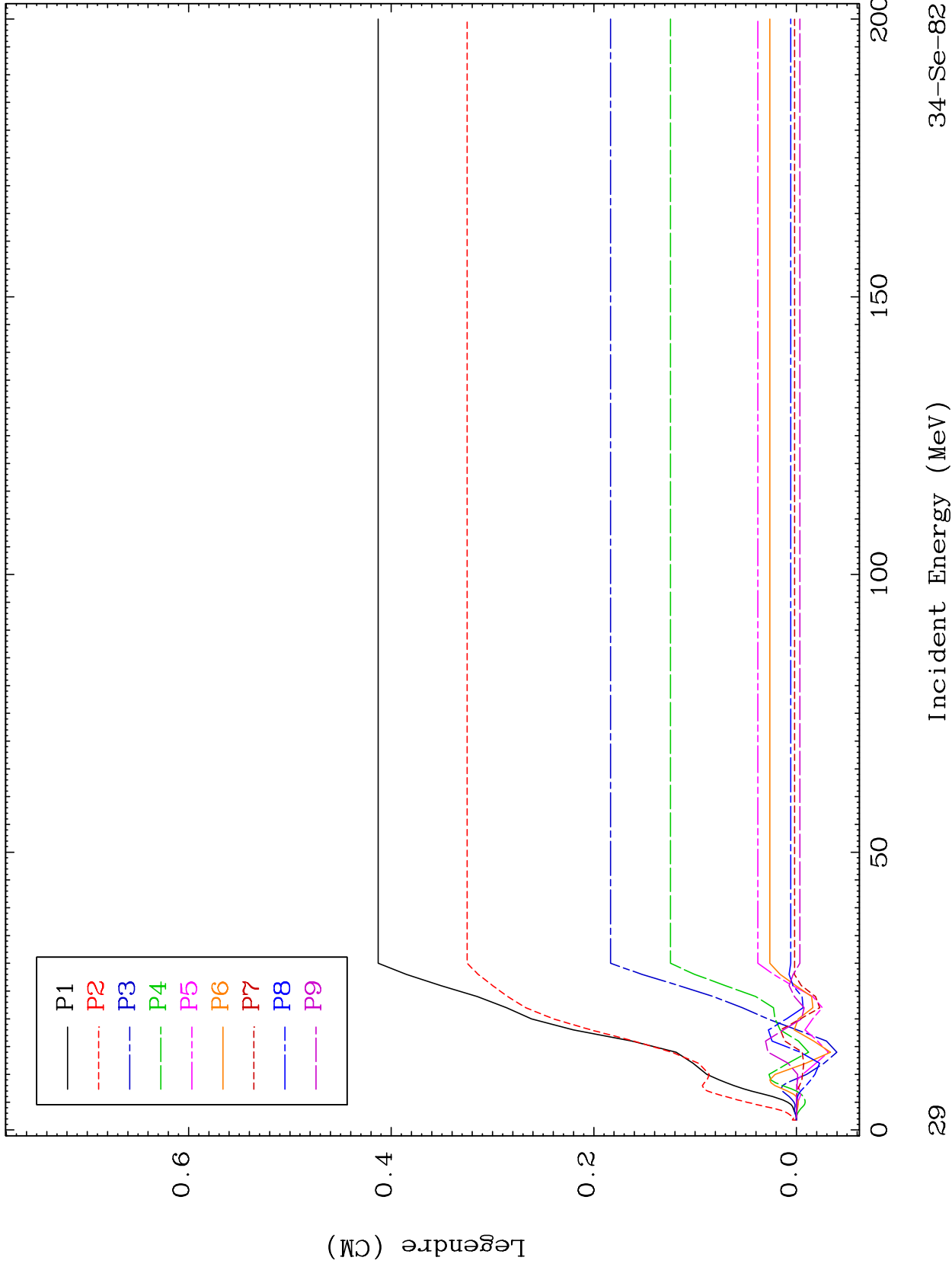
34-Se-82



MAT 3449

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

³⁴Se-82



29

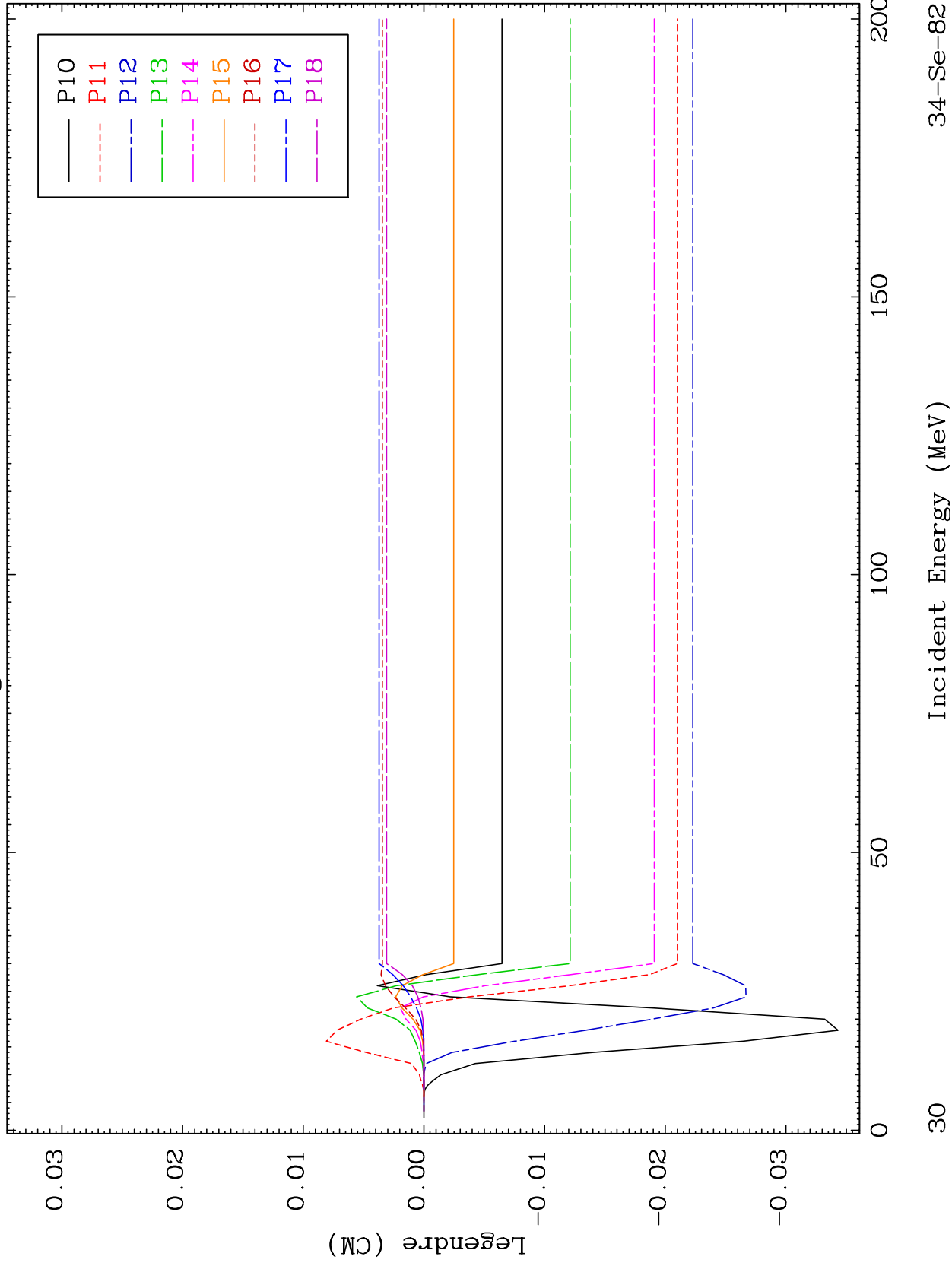
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

³⁴Se-82



³⁴Se-82

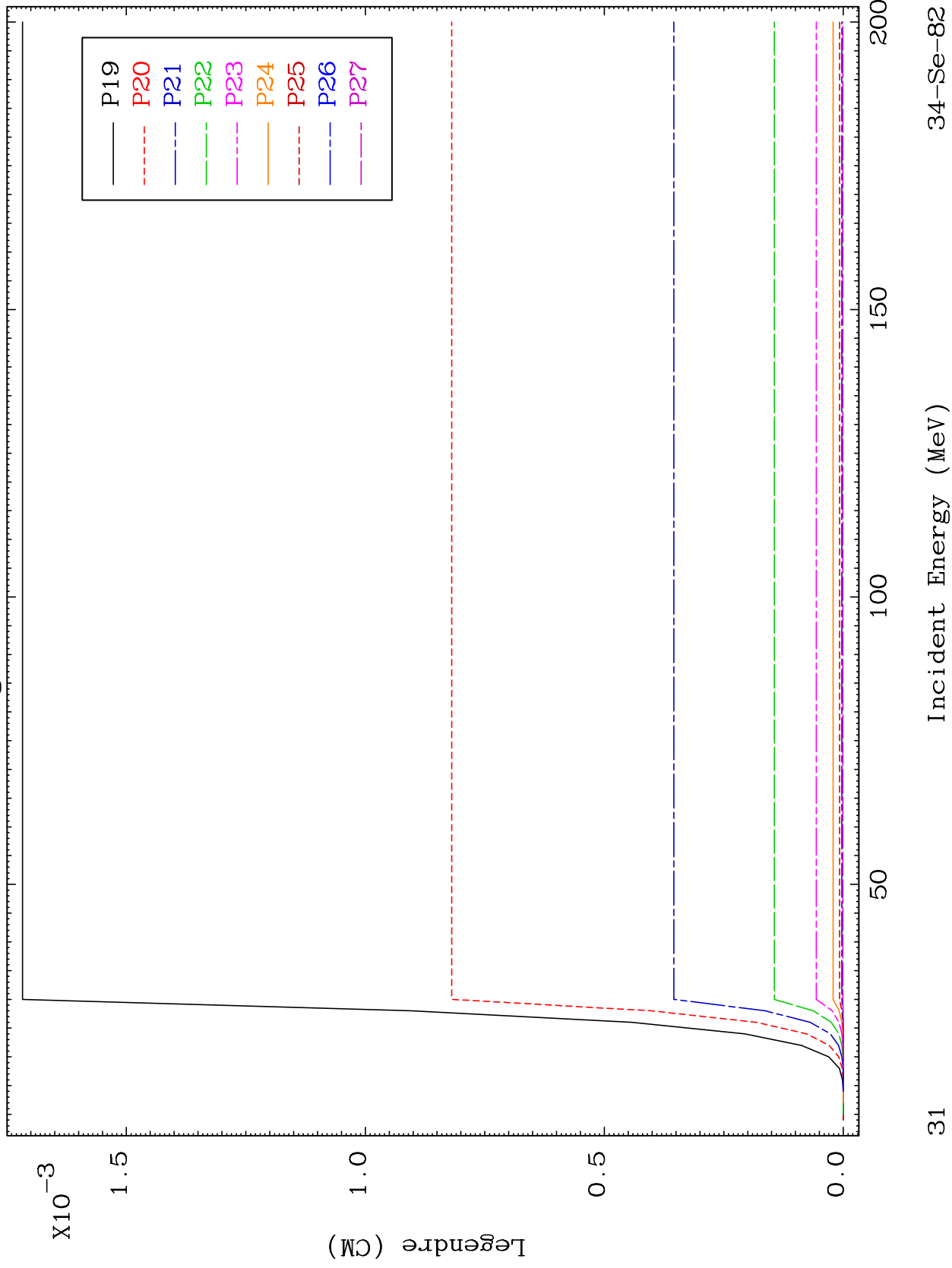
Incident Energy (MeV)

30

MAT 3449

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

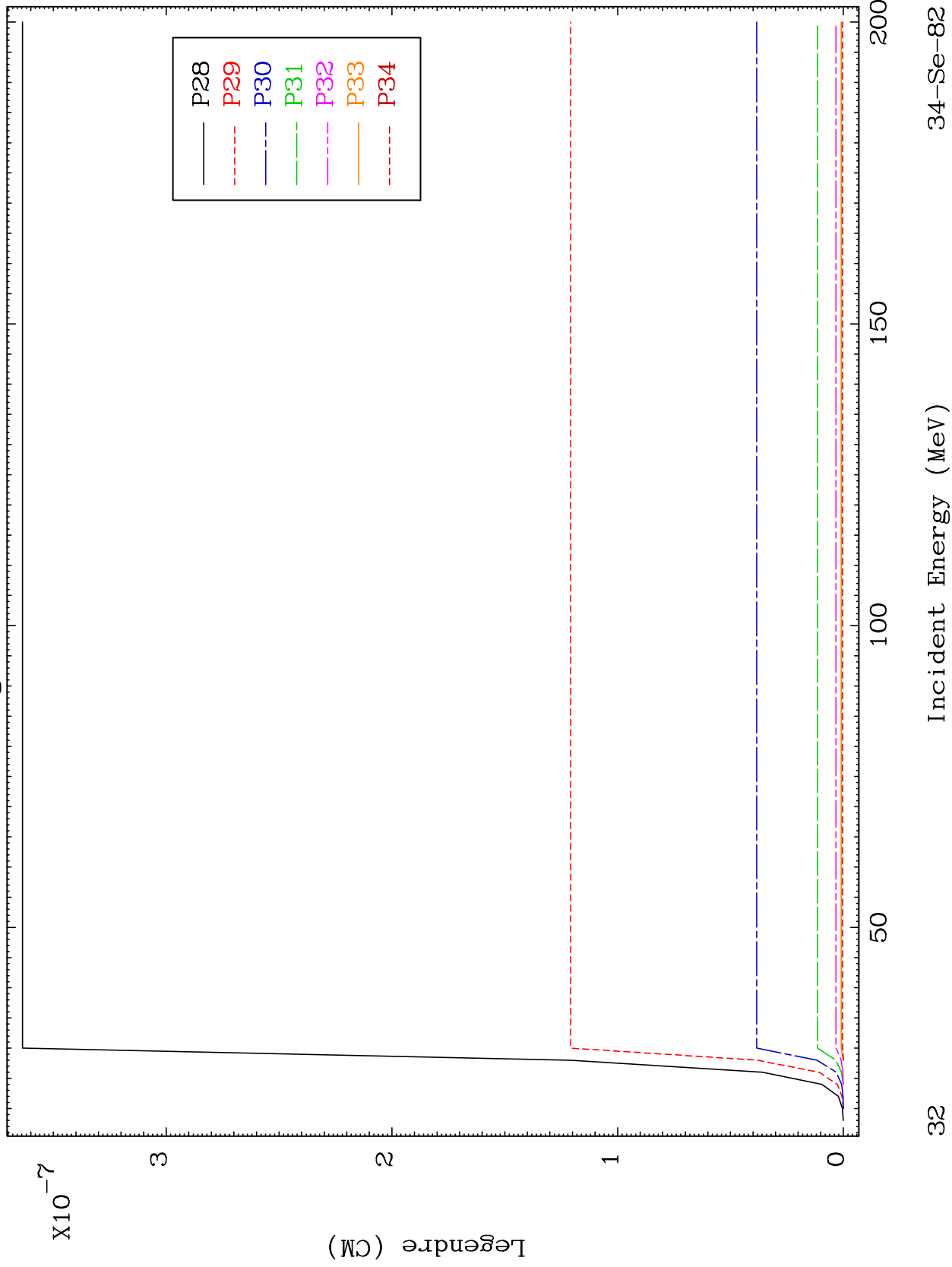
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MAT 3449

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

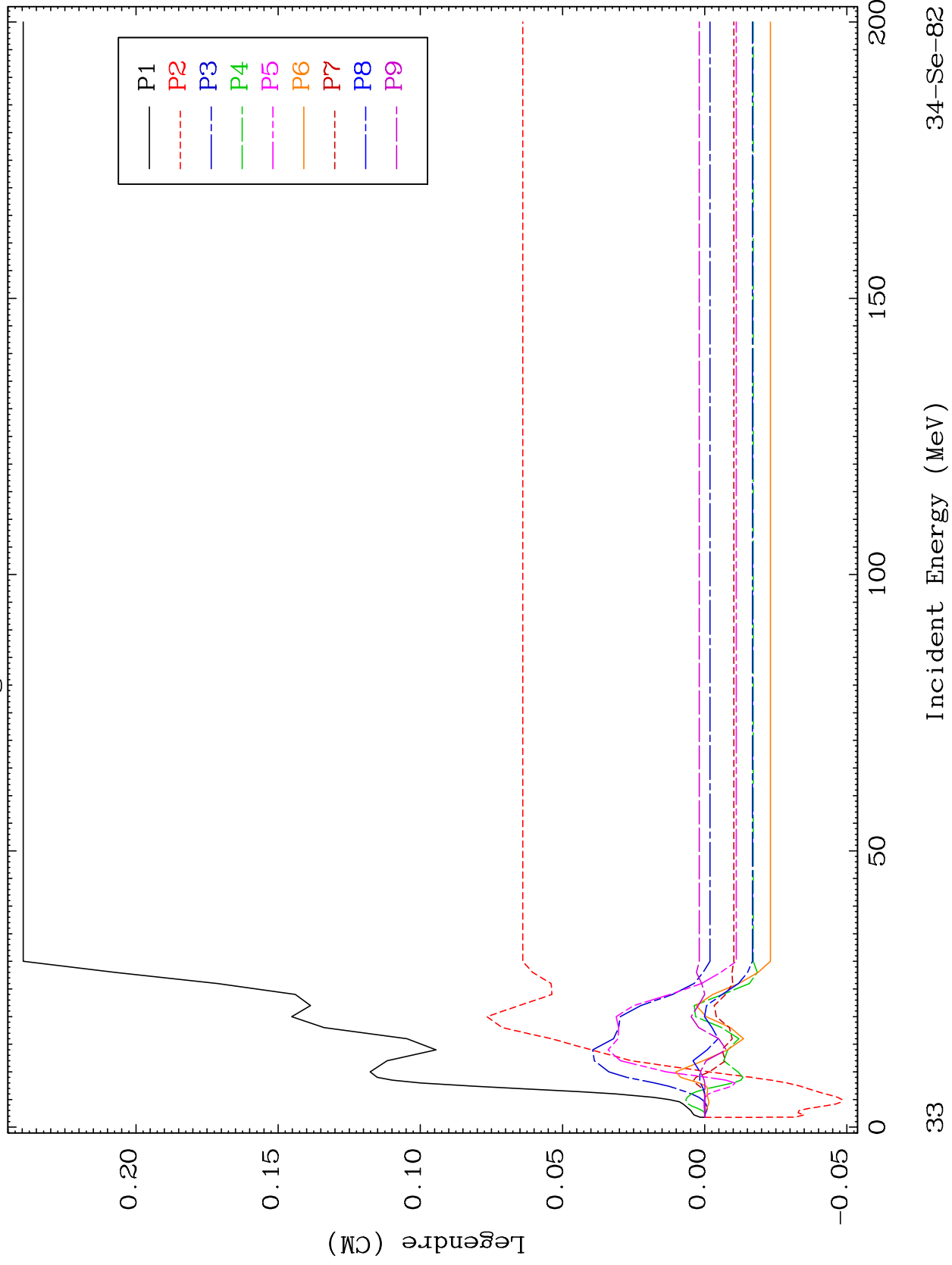
34-Se-82



MAT 3449

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

34-Se-82



34-Se-82

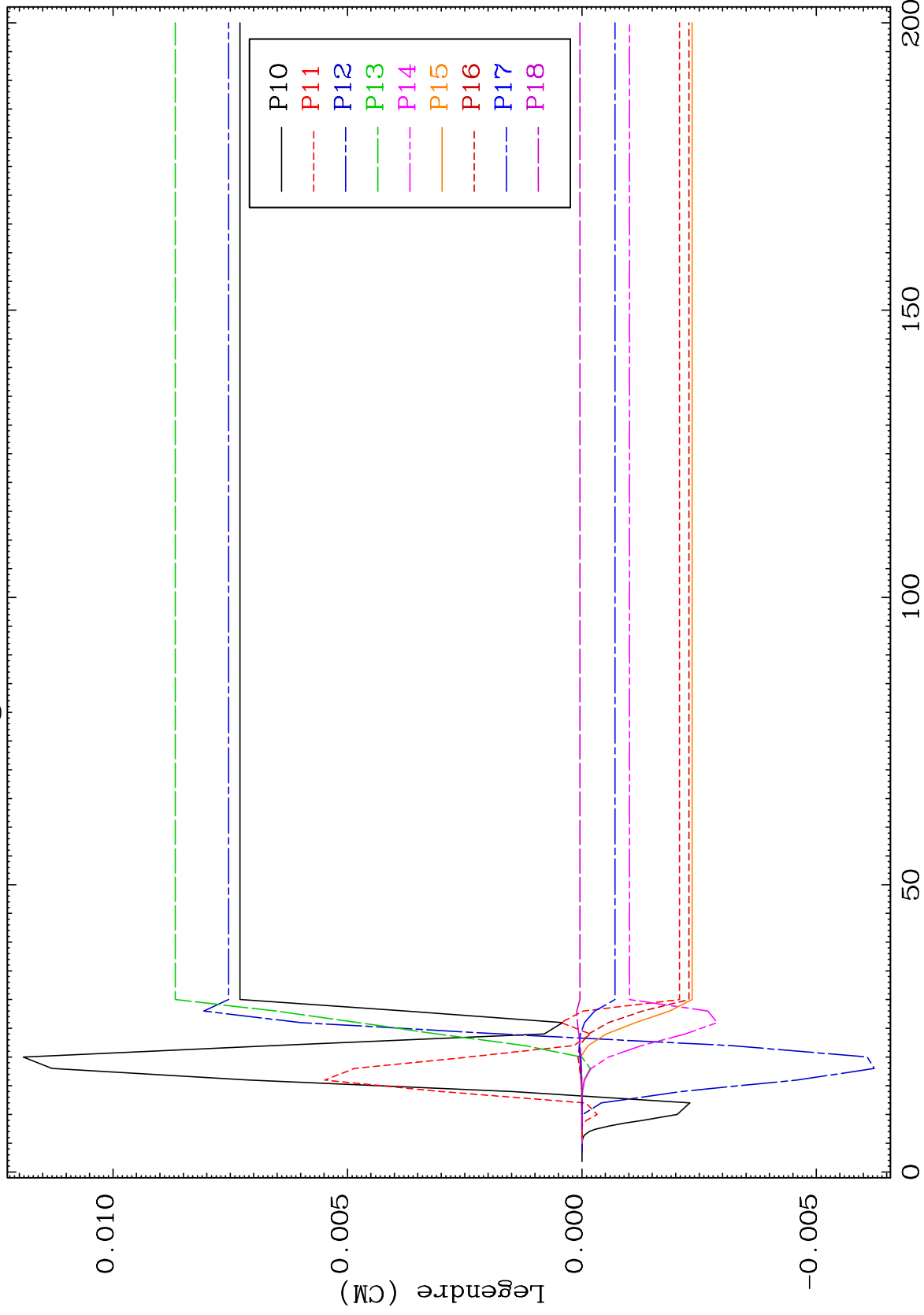
Incident Energy (MeV)

33

MAT 3449

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

34-Se-82



34

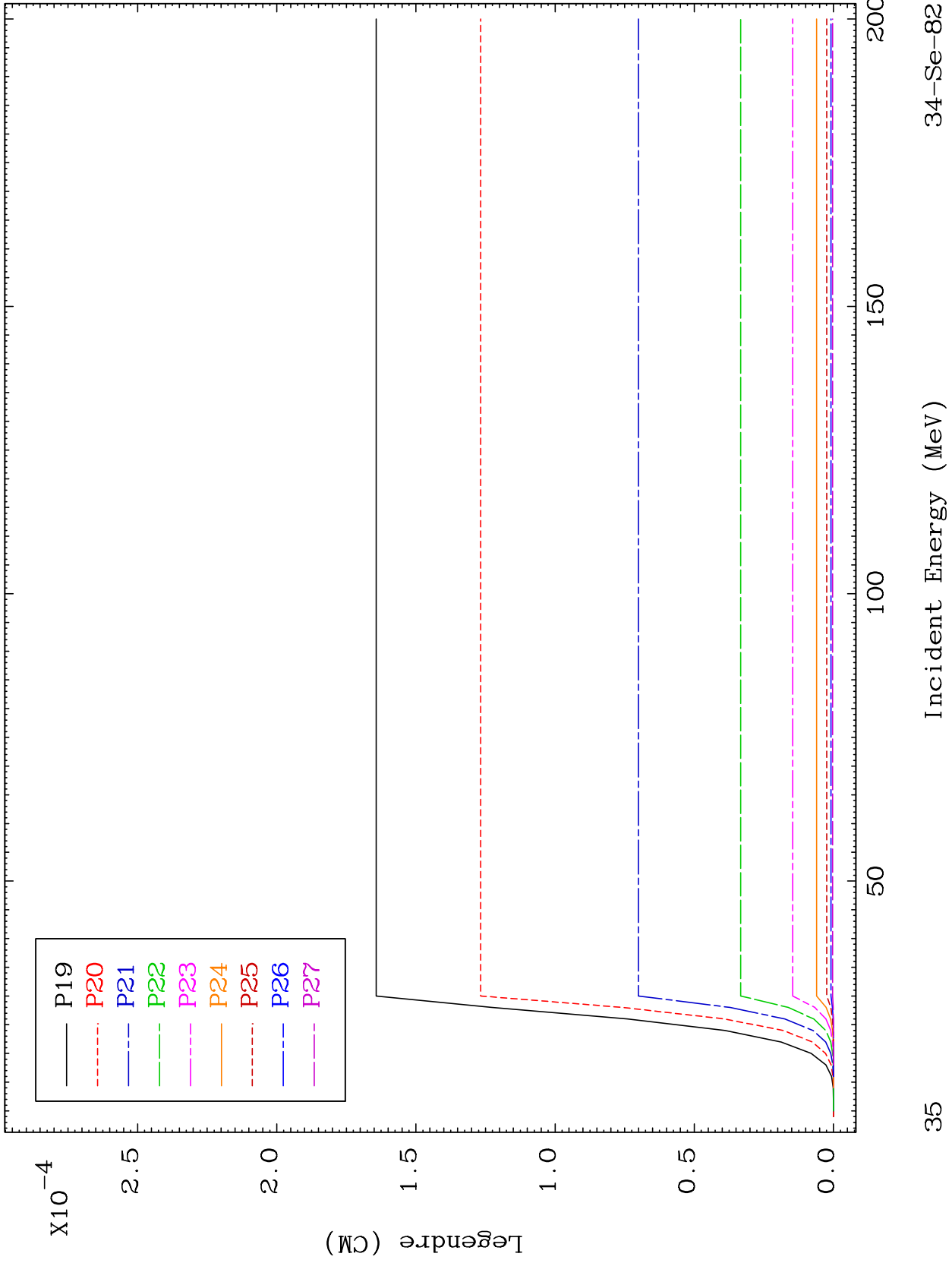
Incident Energy (MeV)

34-Se-82

MAT 3449

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

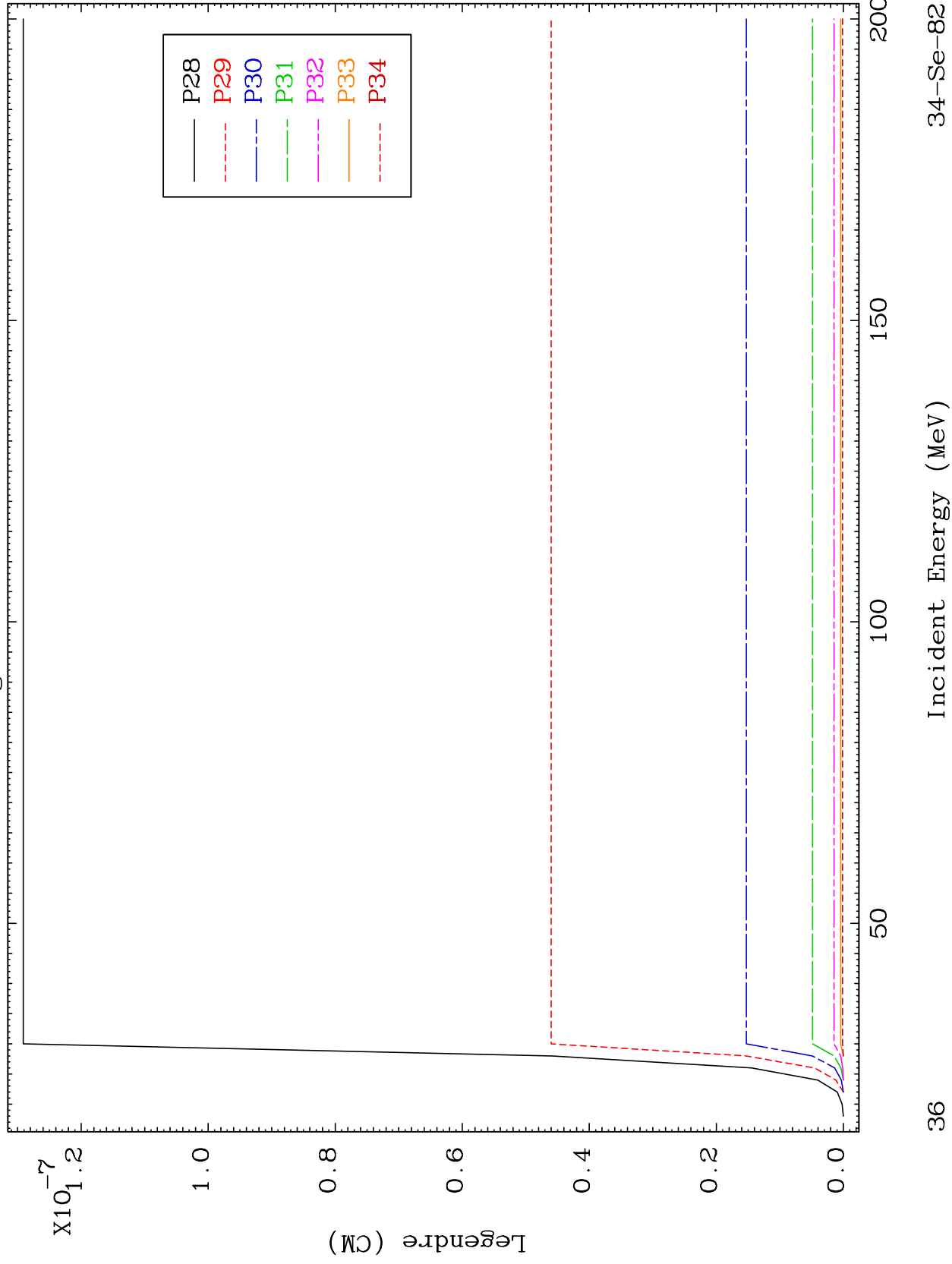
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MAT 3449

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

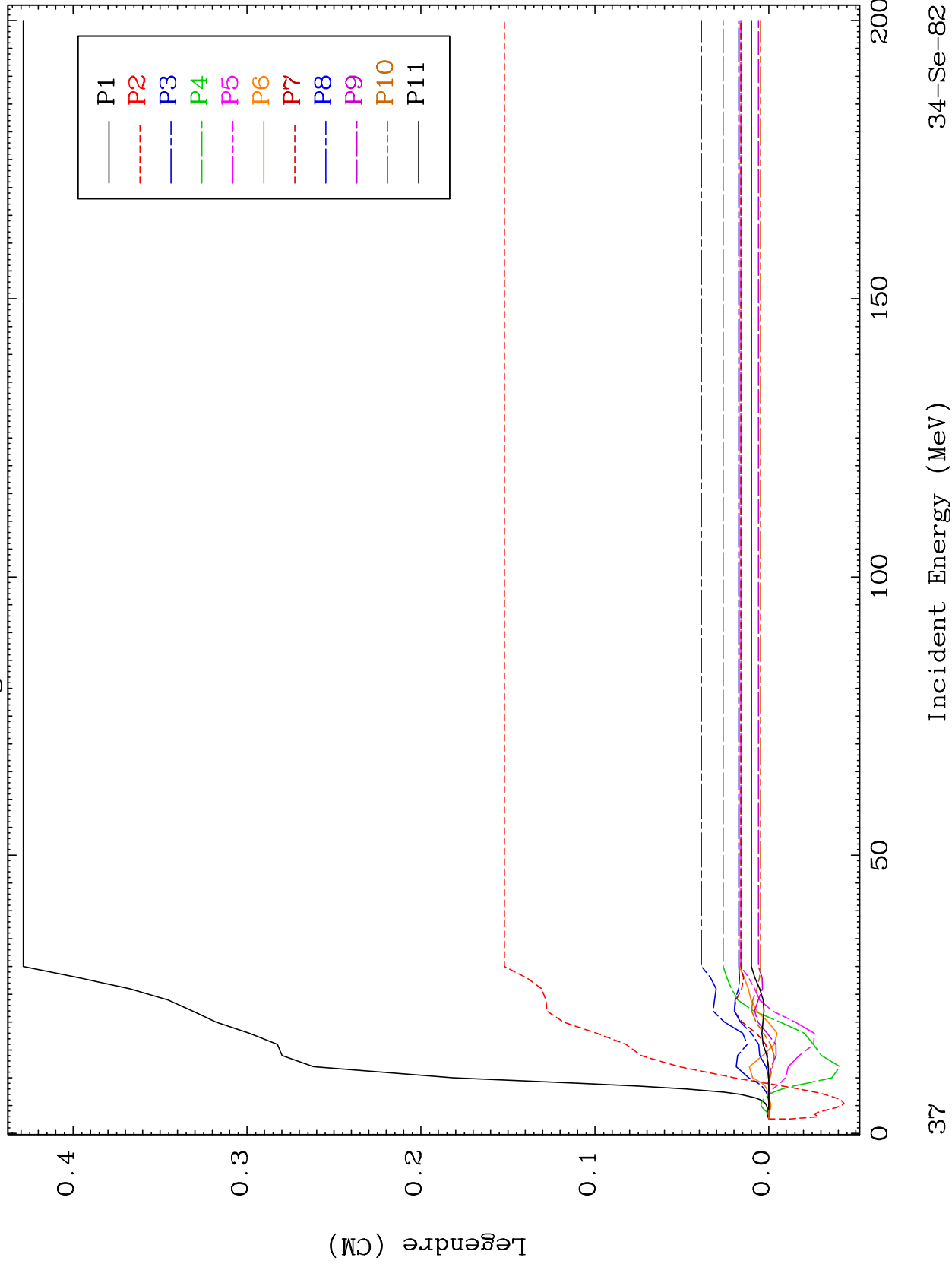
34-Se-82



MAT 3449

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

³⁴Se-82



37

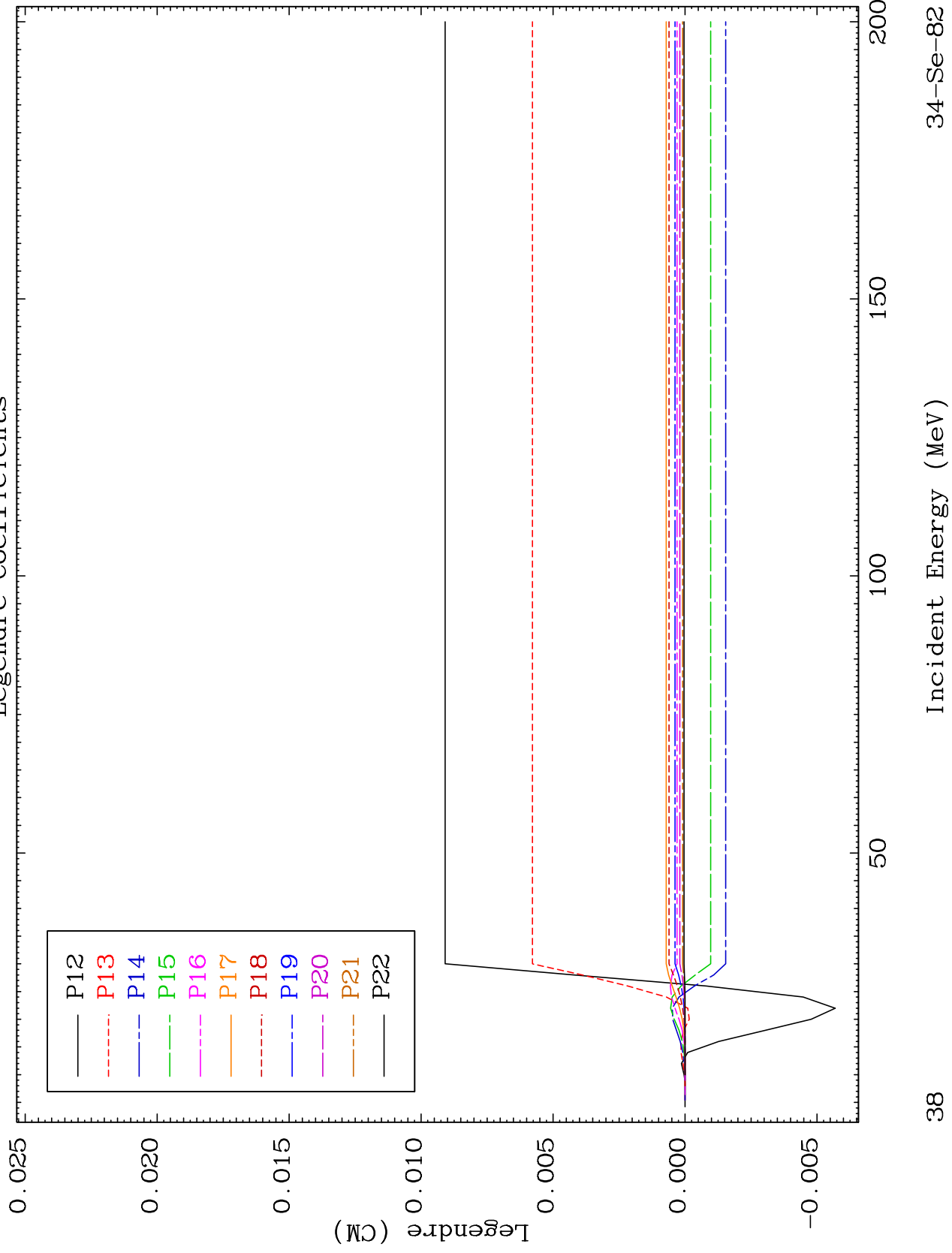
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



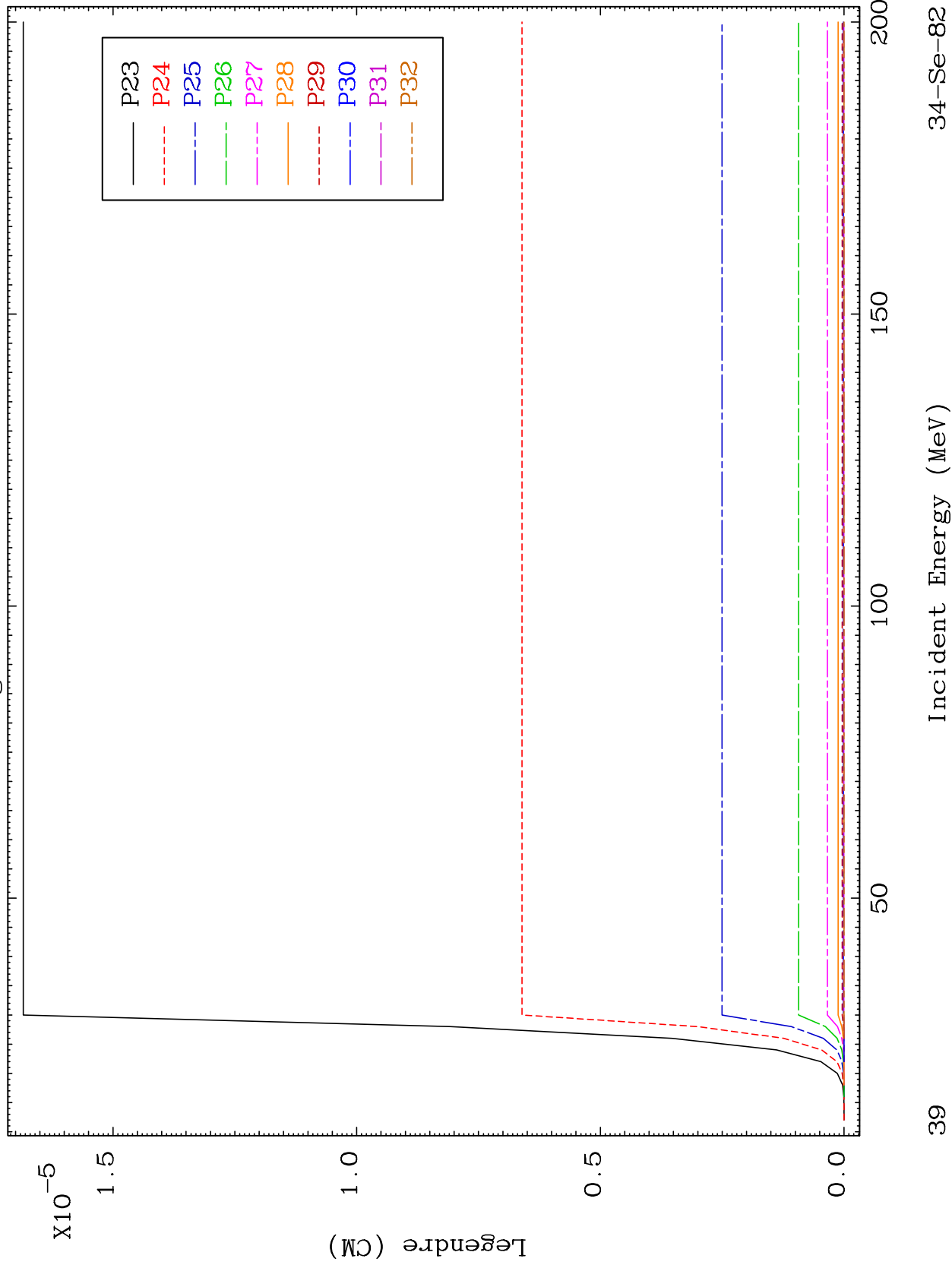
38

34-Se-82

MAT 3449

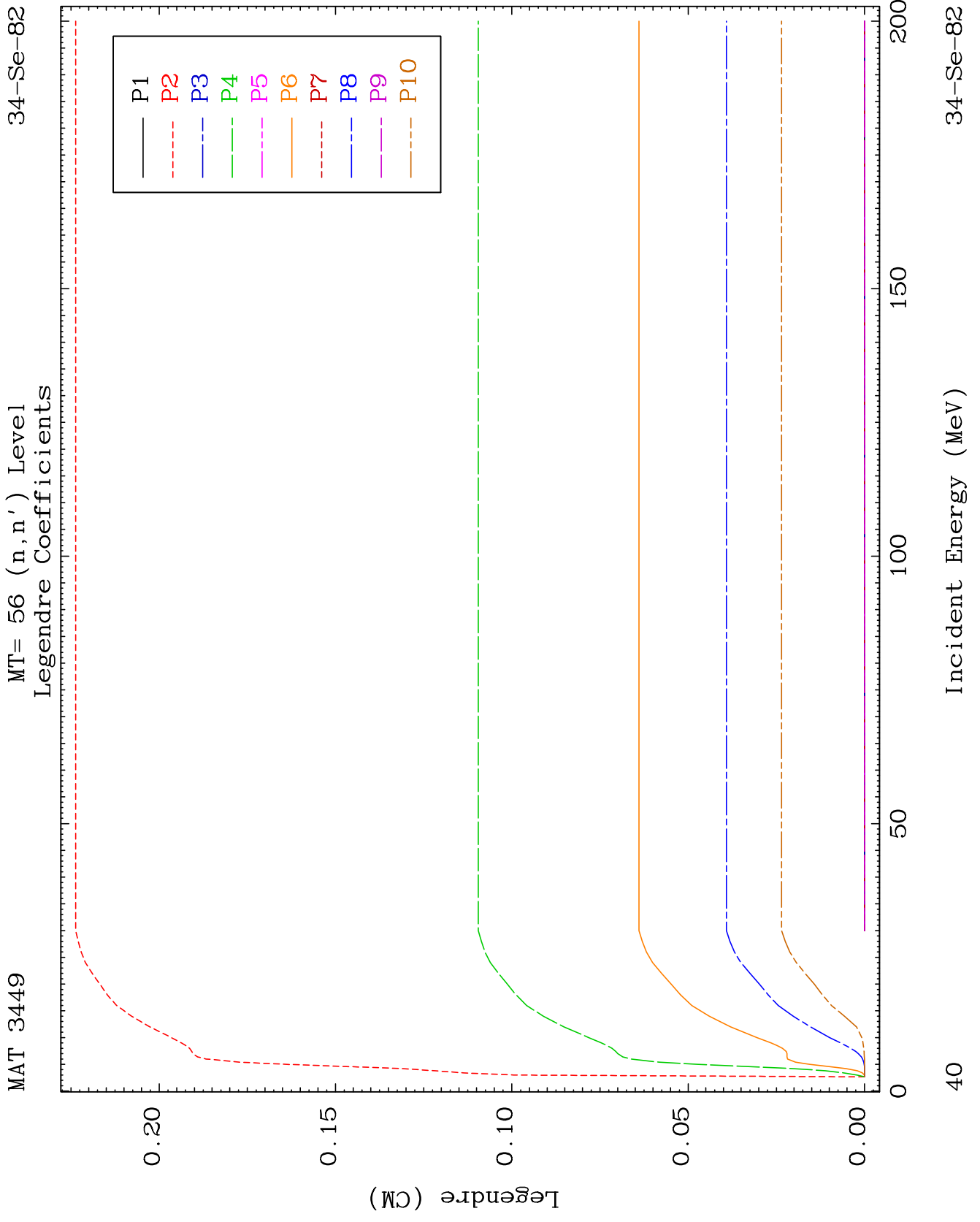
MT= 55 (n,n') Level
Legendre Coefficients

³⁴Se-82



39

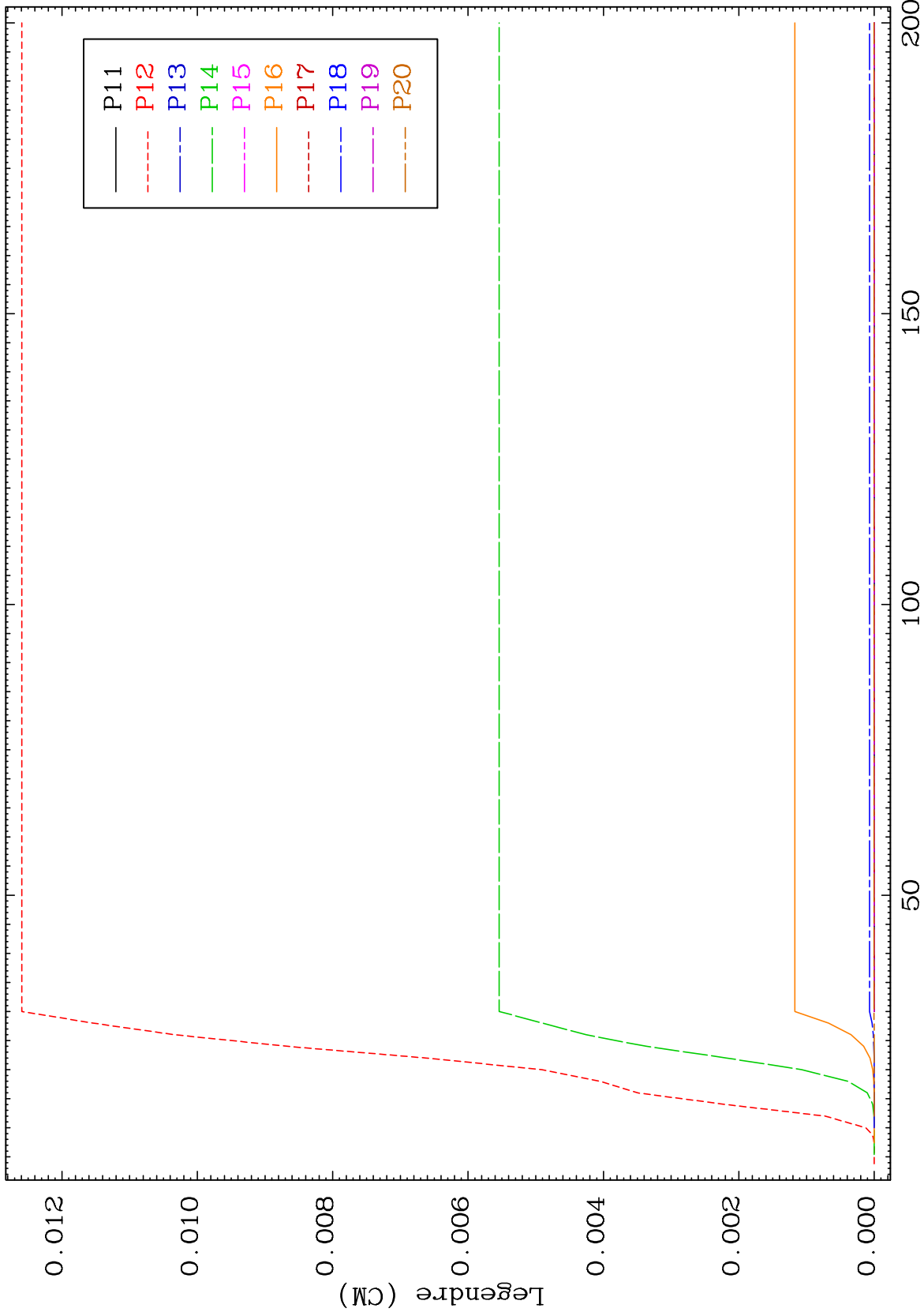
³⁴Se-82



MAT 3449

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

34-Se-82



41

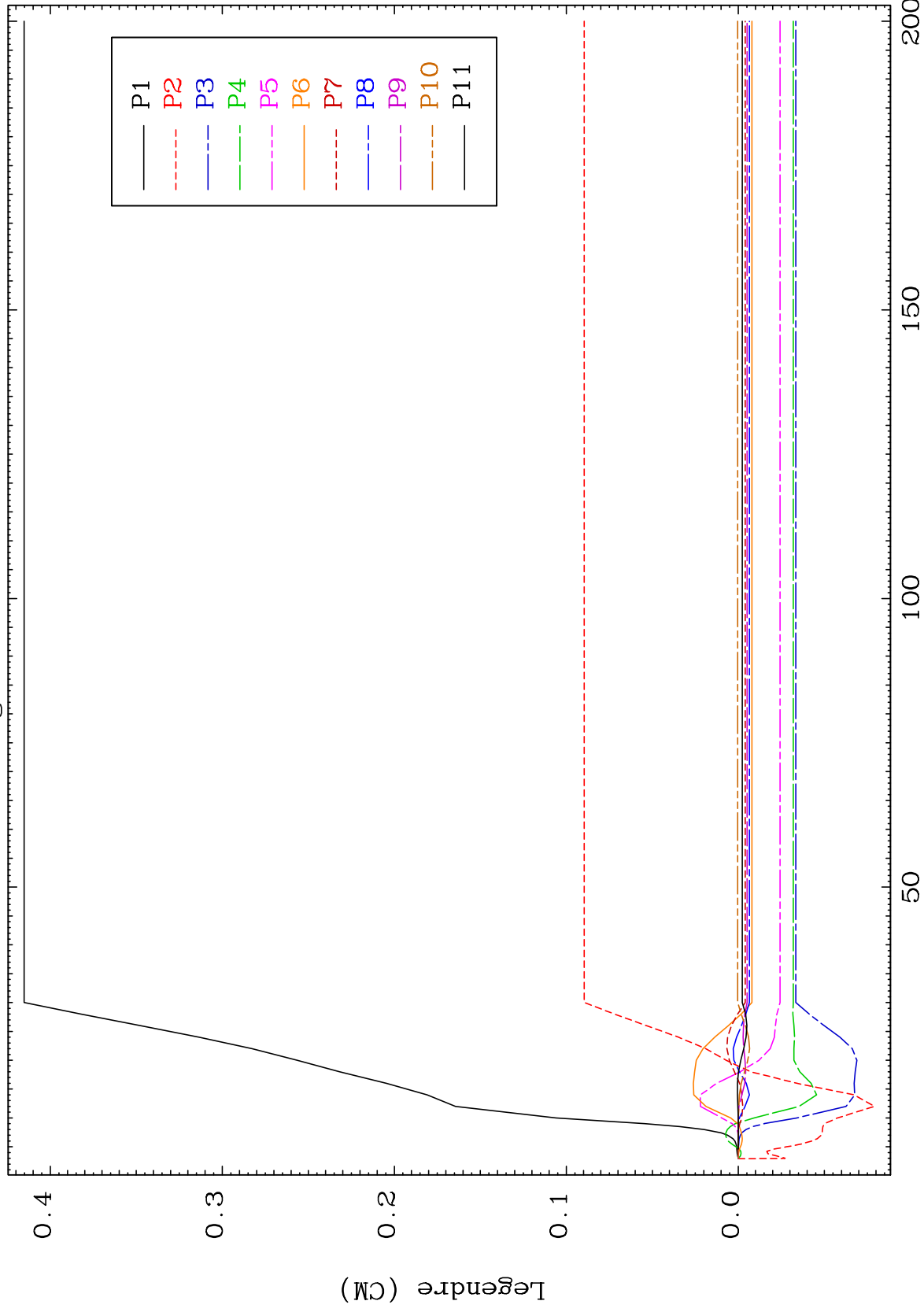
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



43

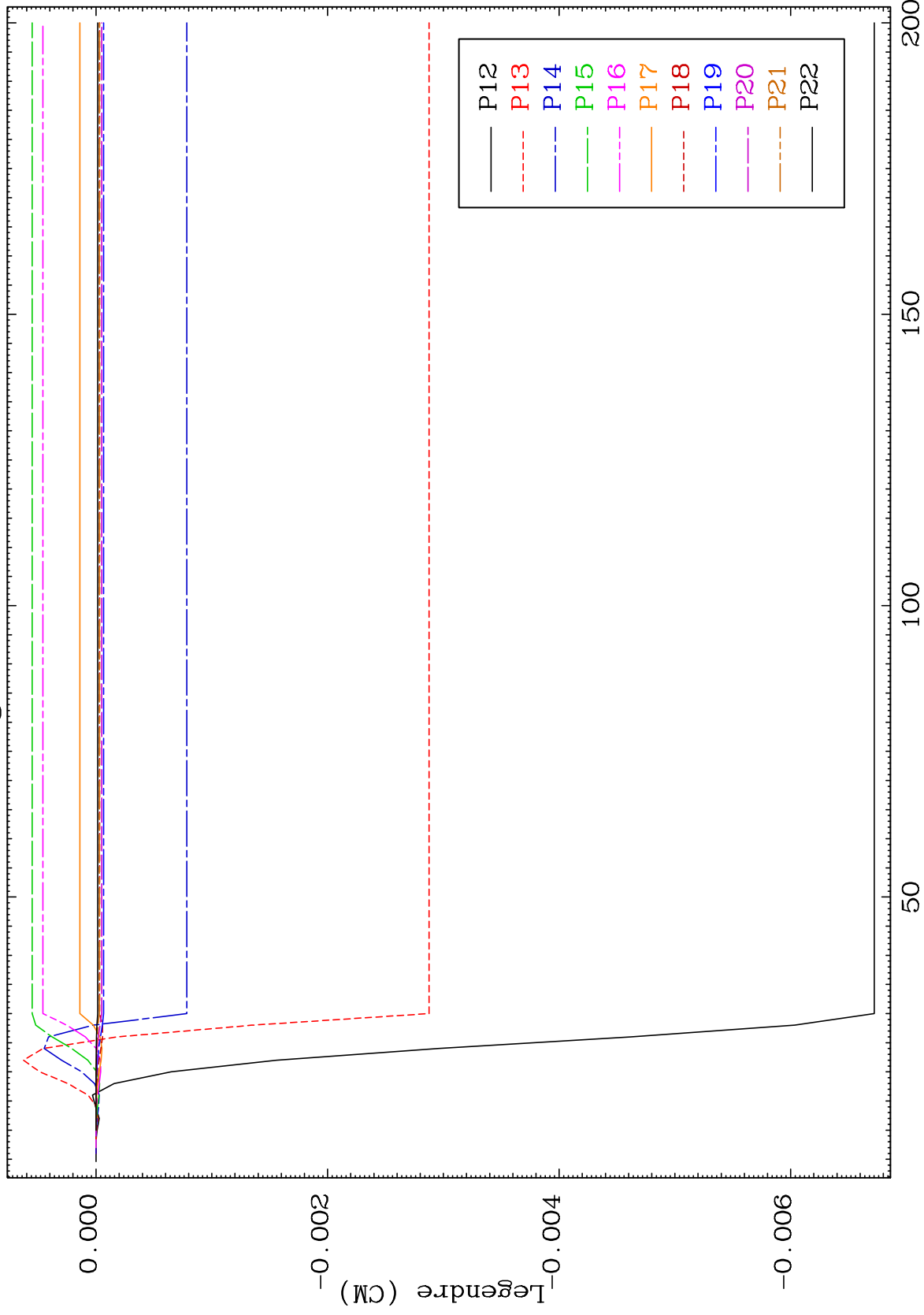
Incident Energy (MeV)

34-Se-82

MAT 3449

34-Se-82

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



44

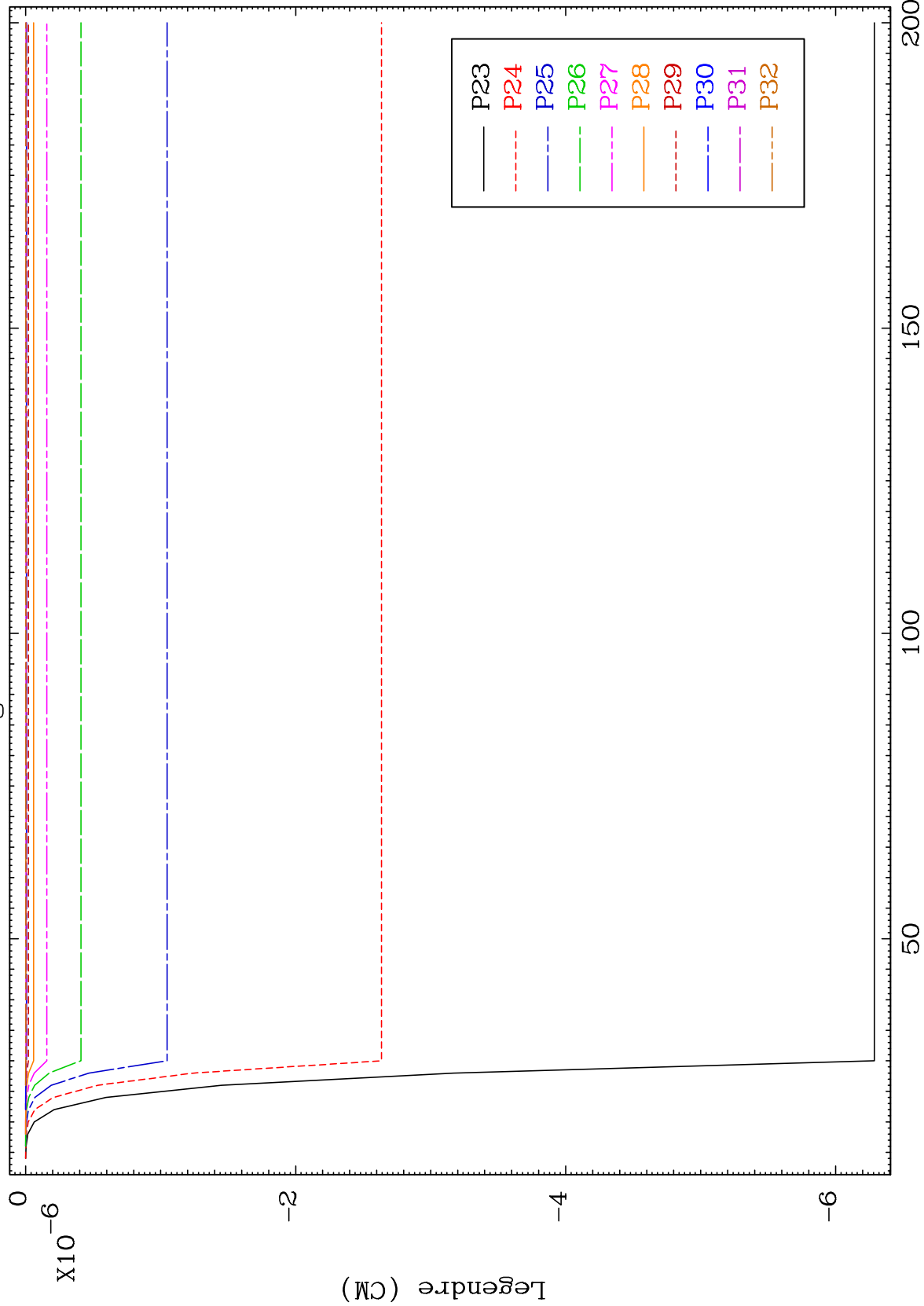
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



45

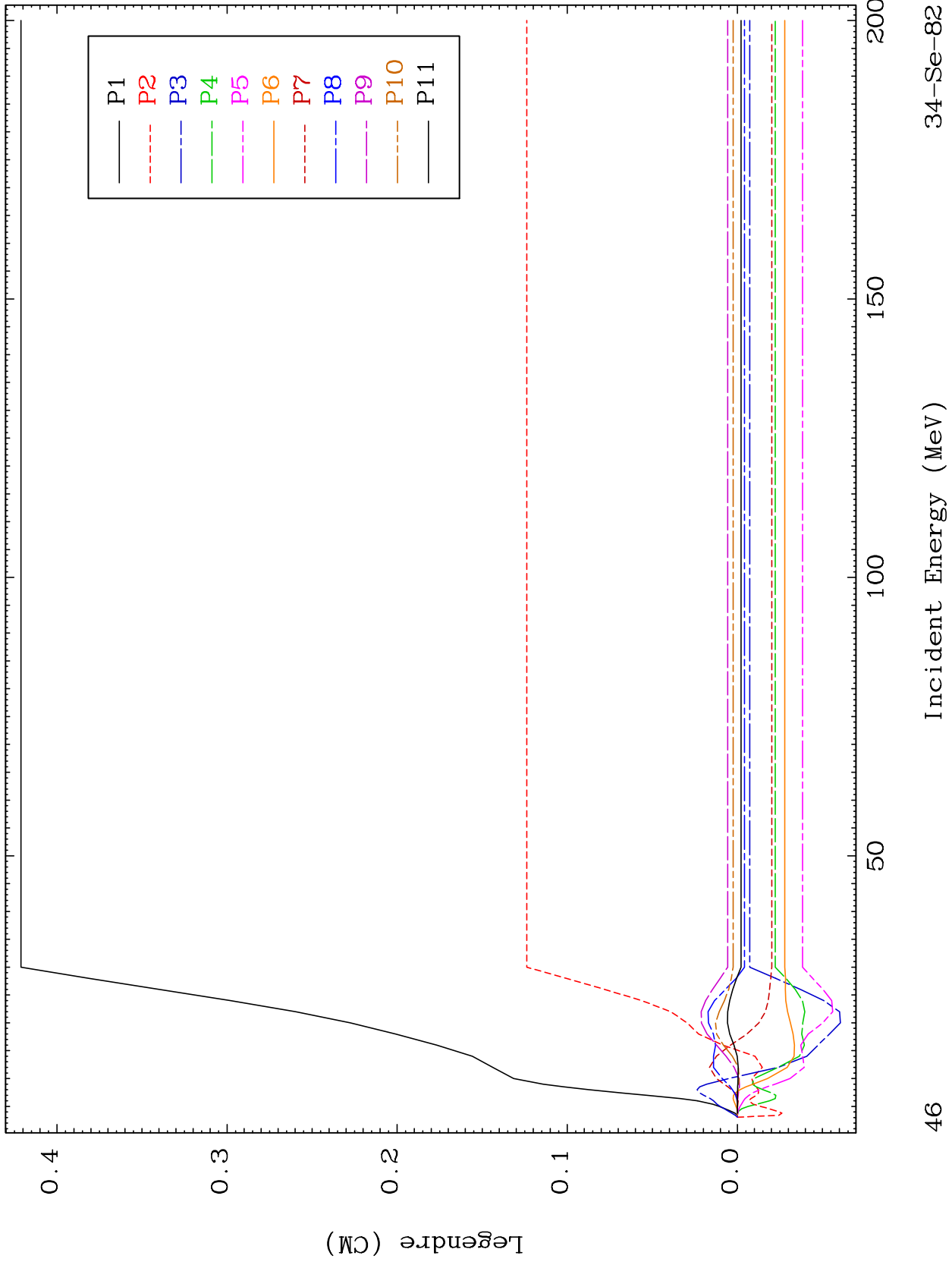
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



46

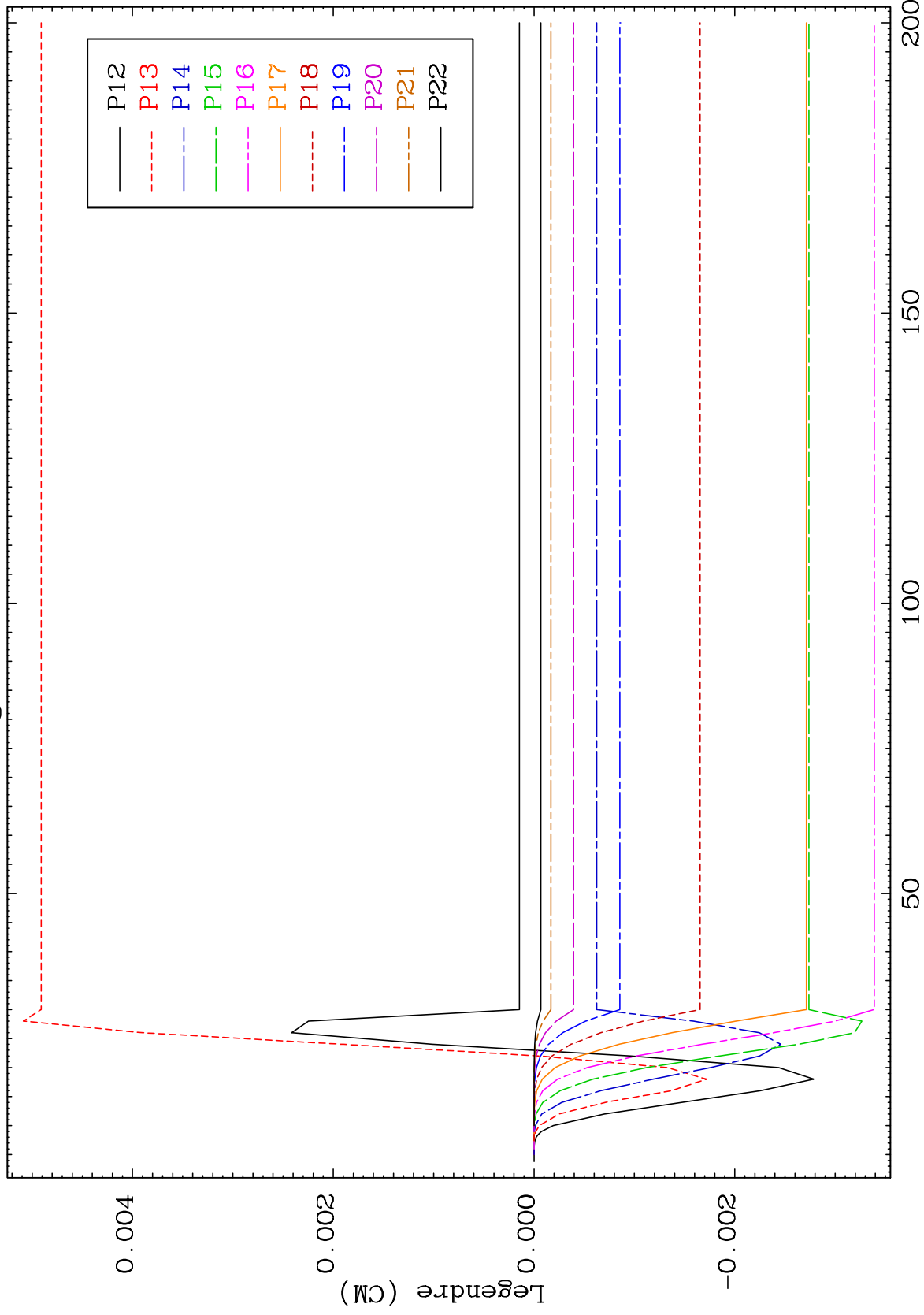
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



47

Incident Energy (MeV)

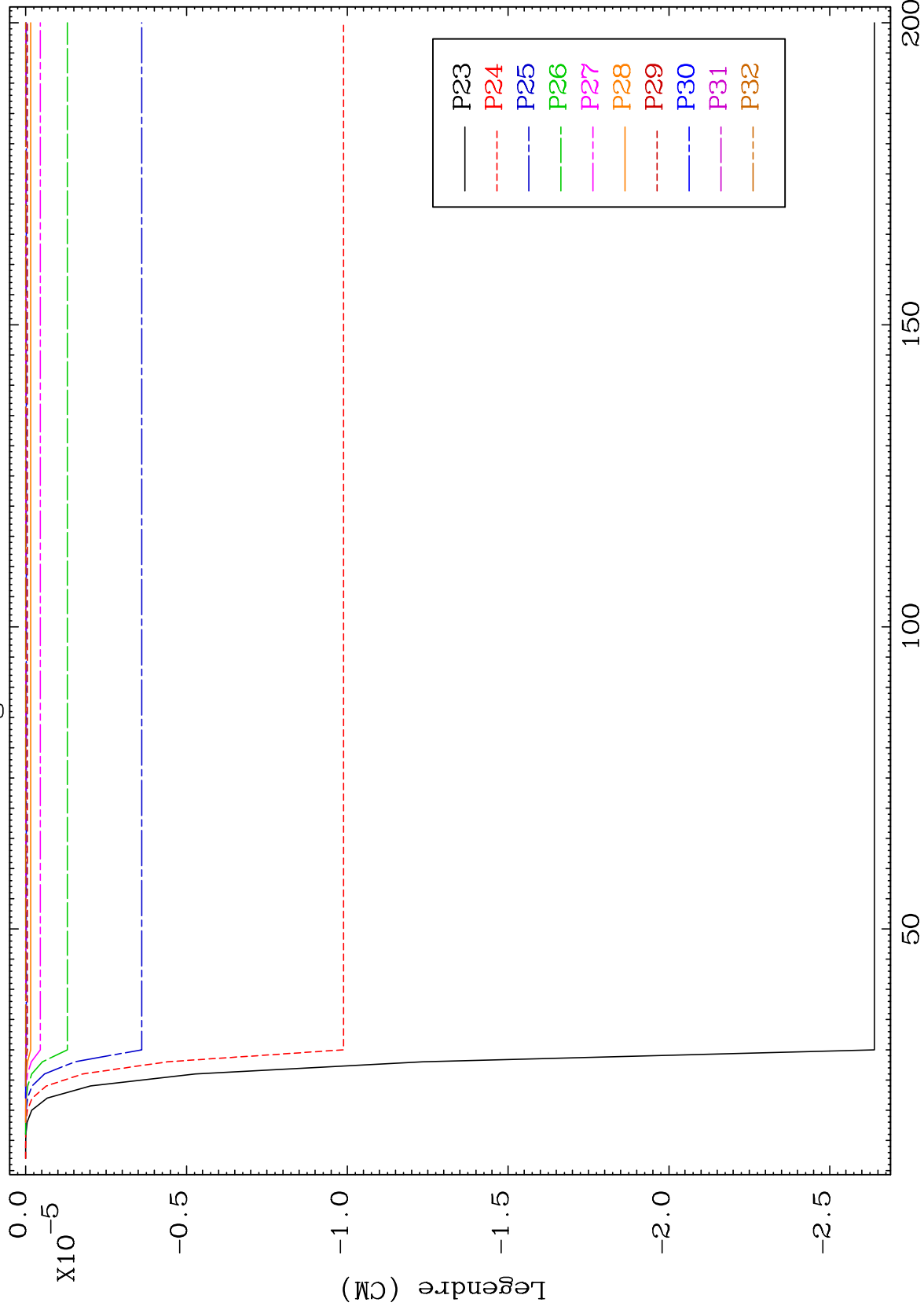
34-Se-82

MAT 3449

MT= 58 (n,n') Level

34-Se-82

Legendre Coefficients



48

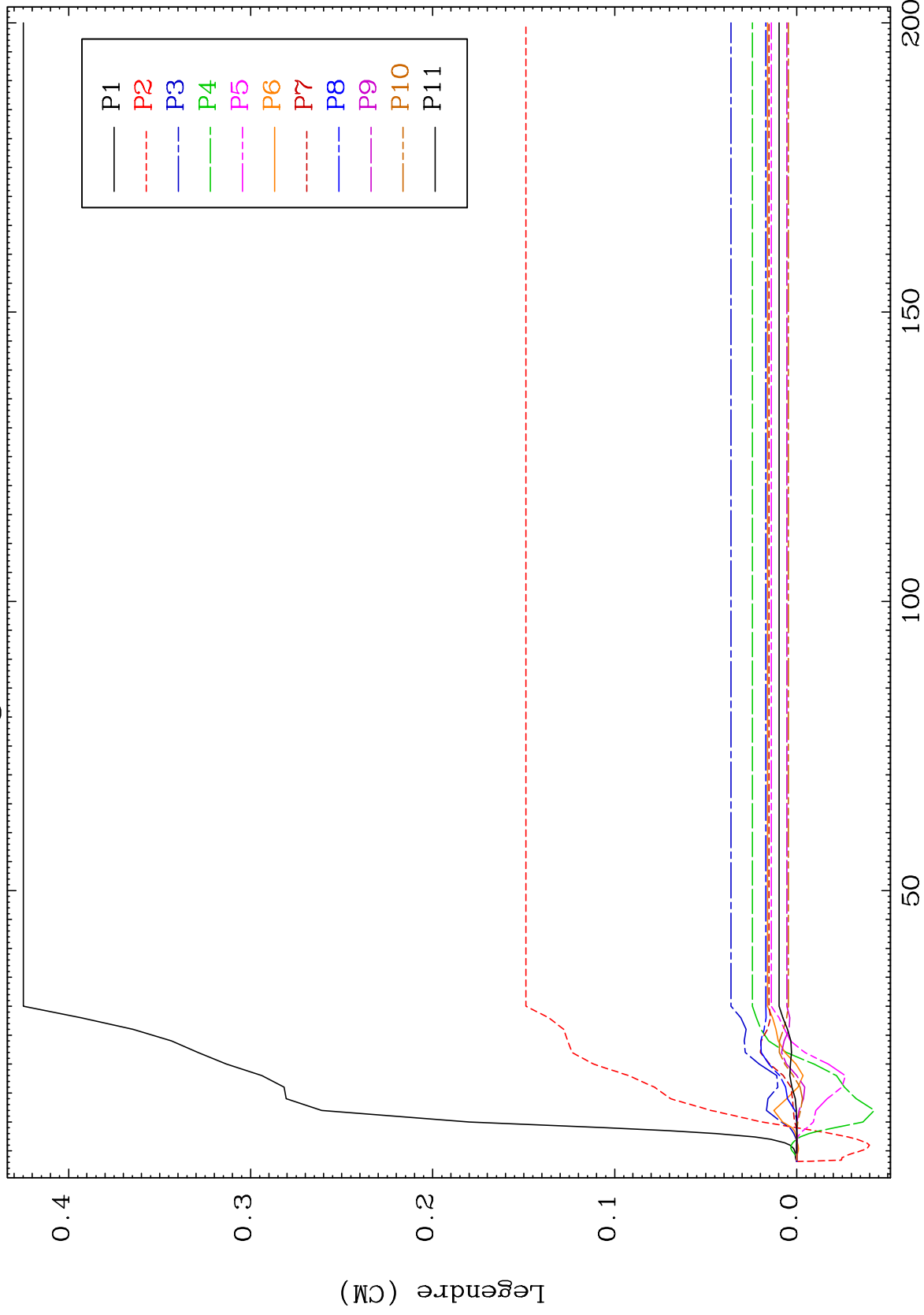
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



49

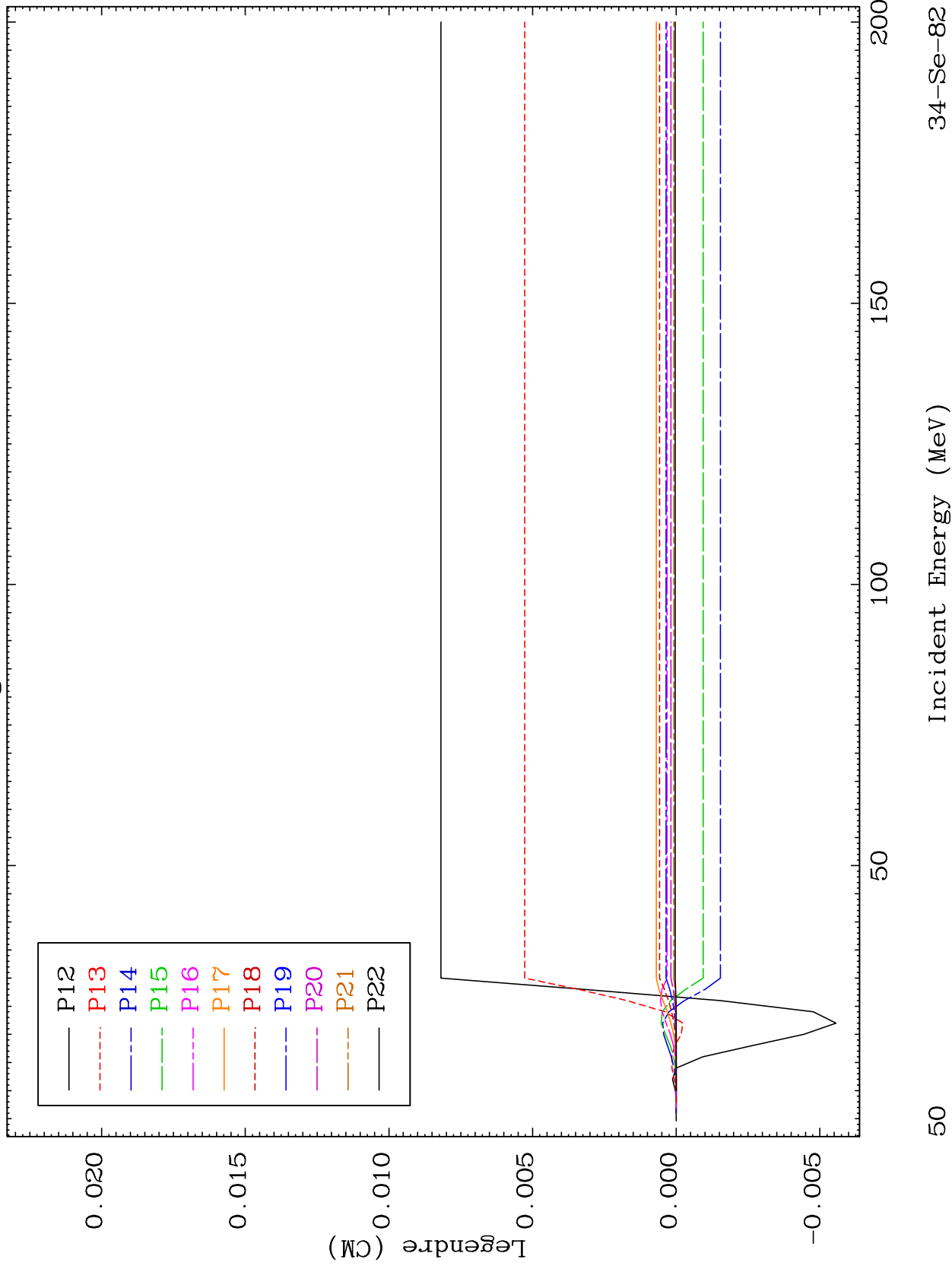
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



50

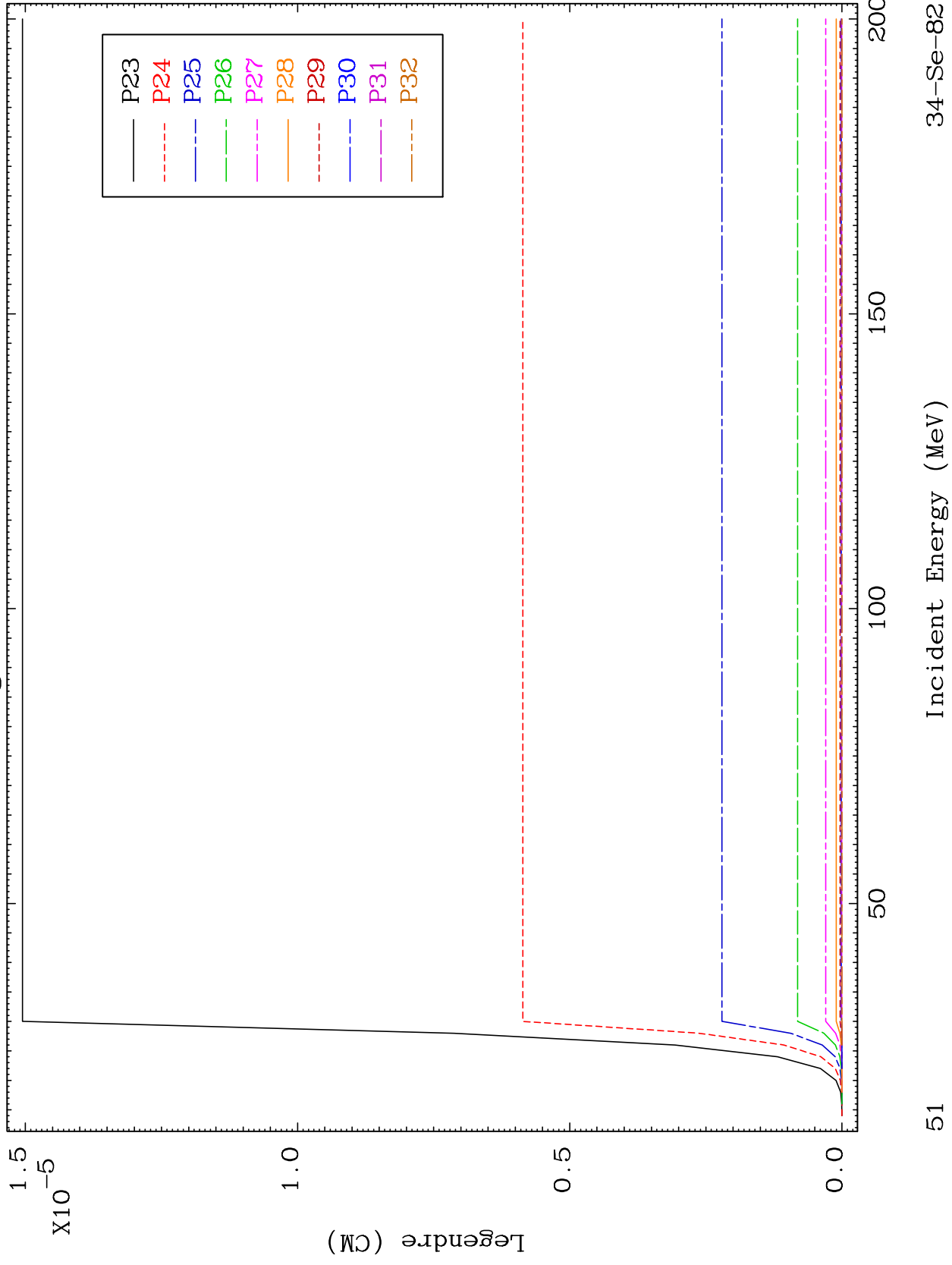
Incident Energy (MeV)

34-Se-82

MAT 3449

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

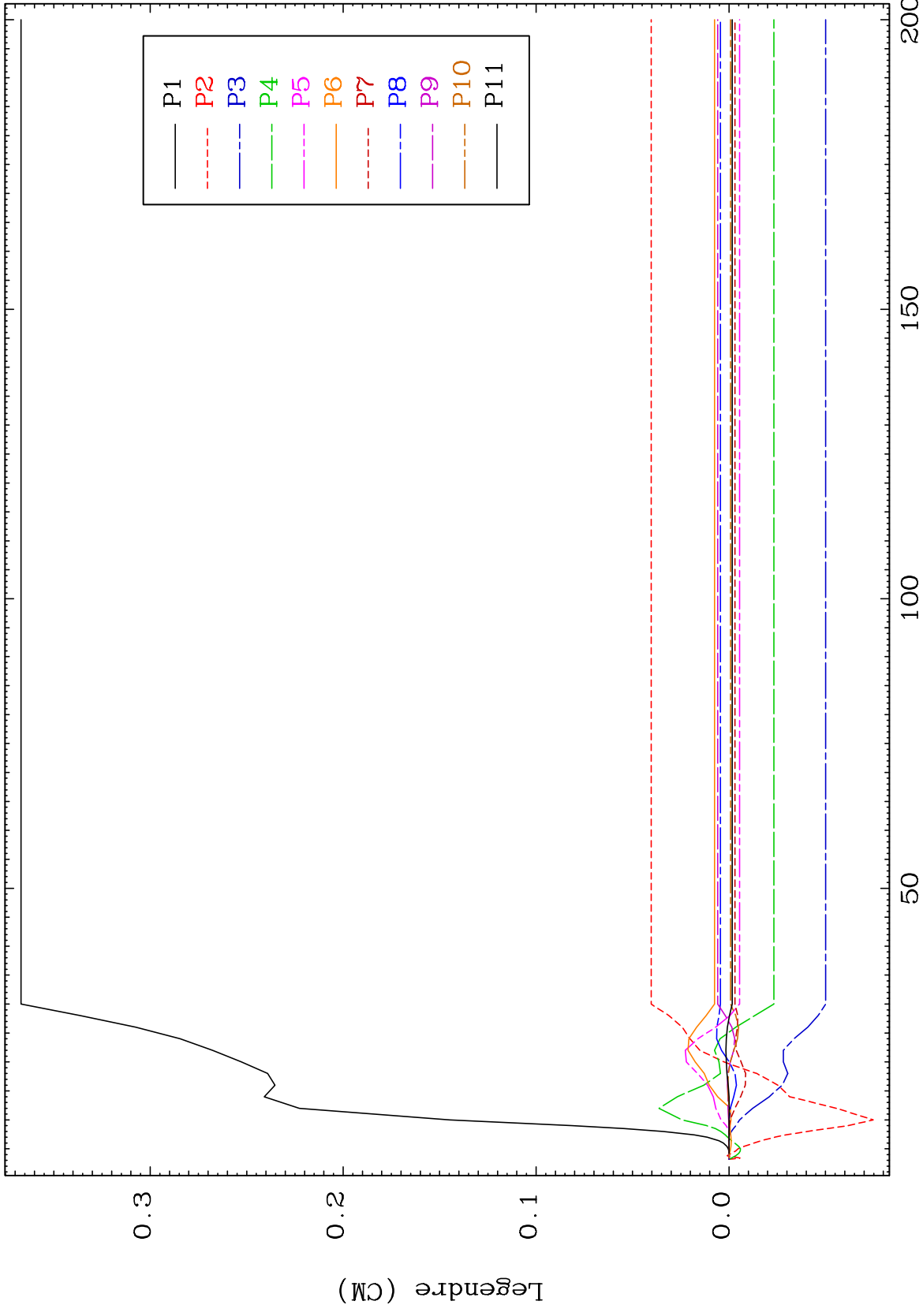
34-Se-82



MAT 3449

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

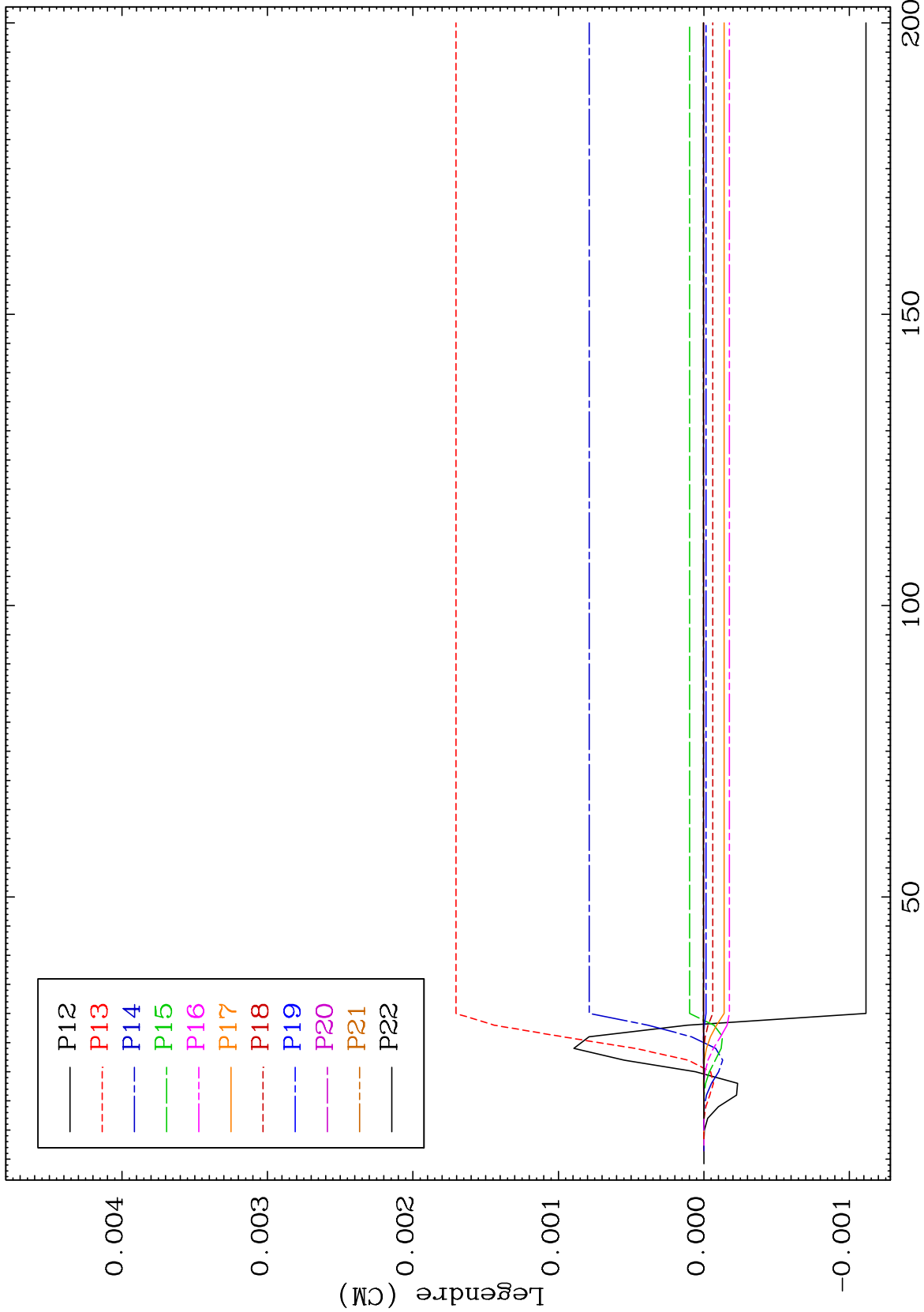
³⁴Se-82



52

Incident Energy (MeV)

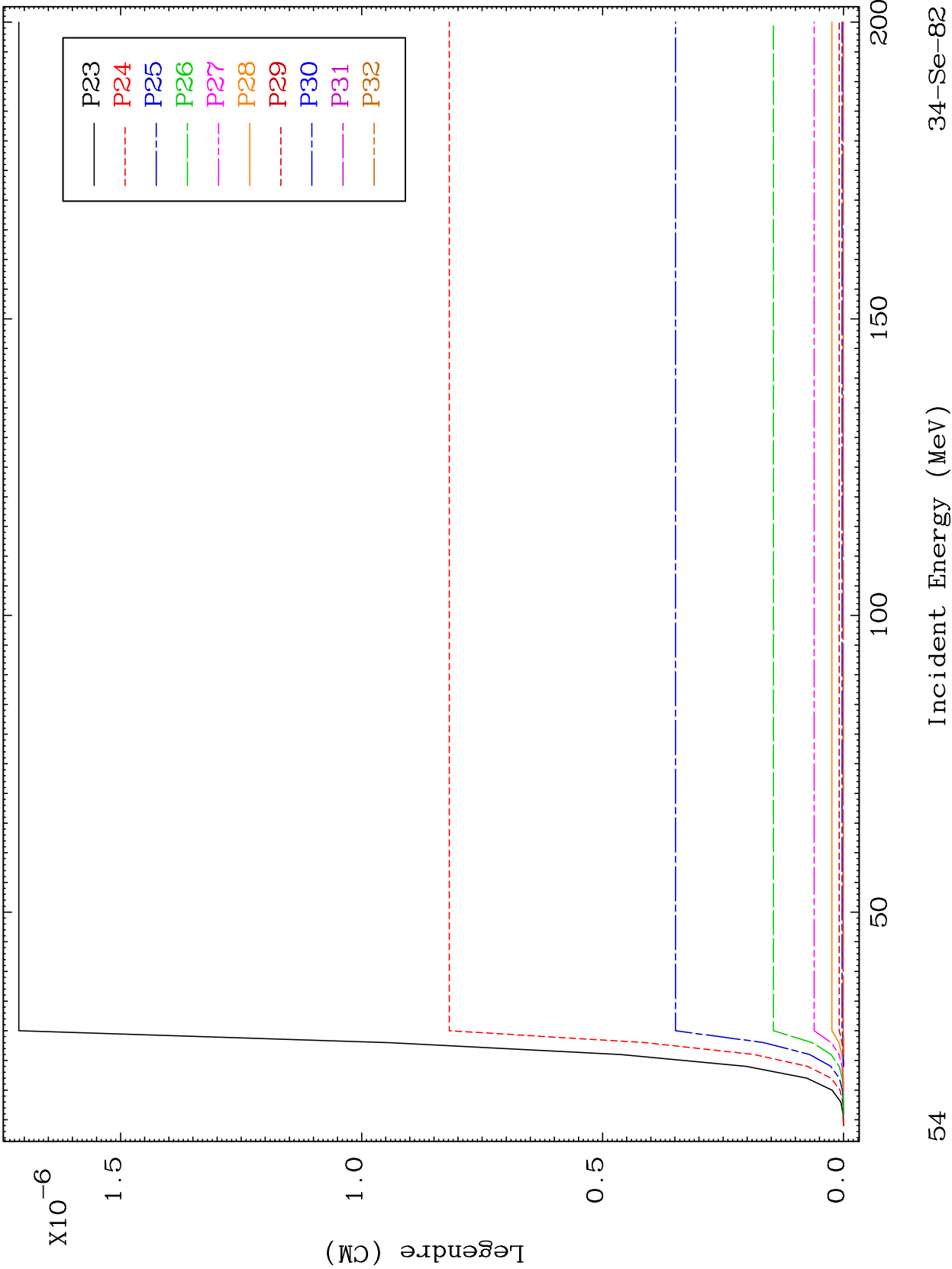
³⁴Se-82



MAT 3449

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

³⁴Se-82



54

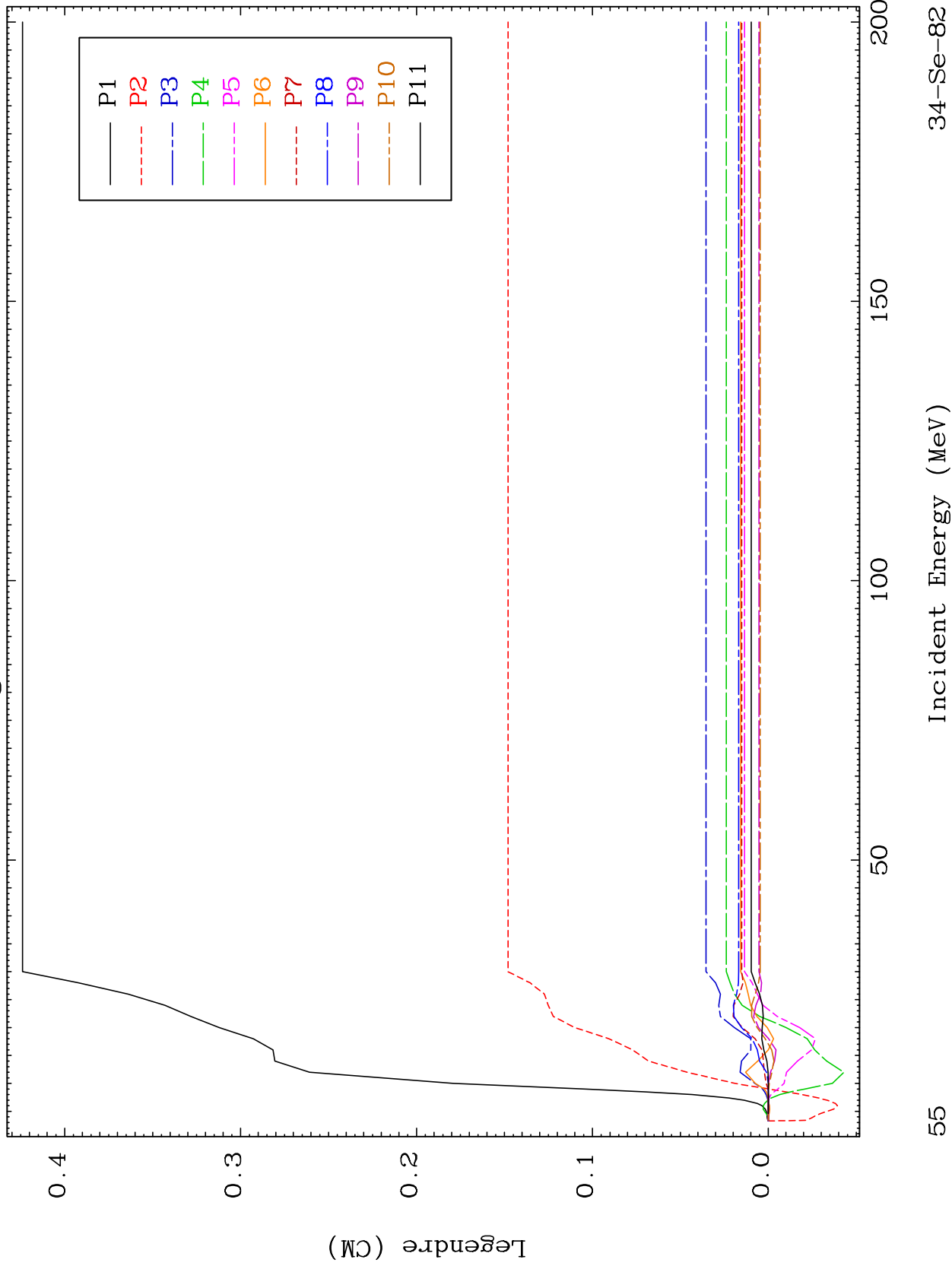
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

³⁴Se-82



55

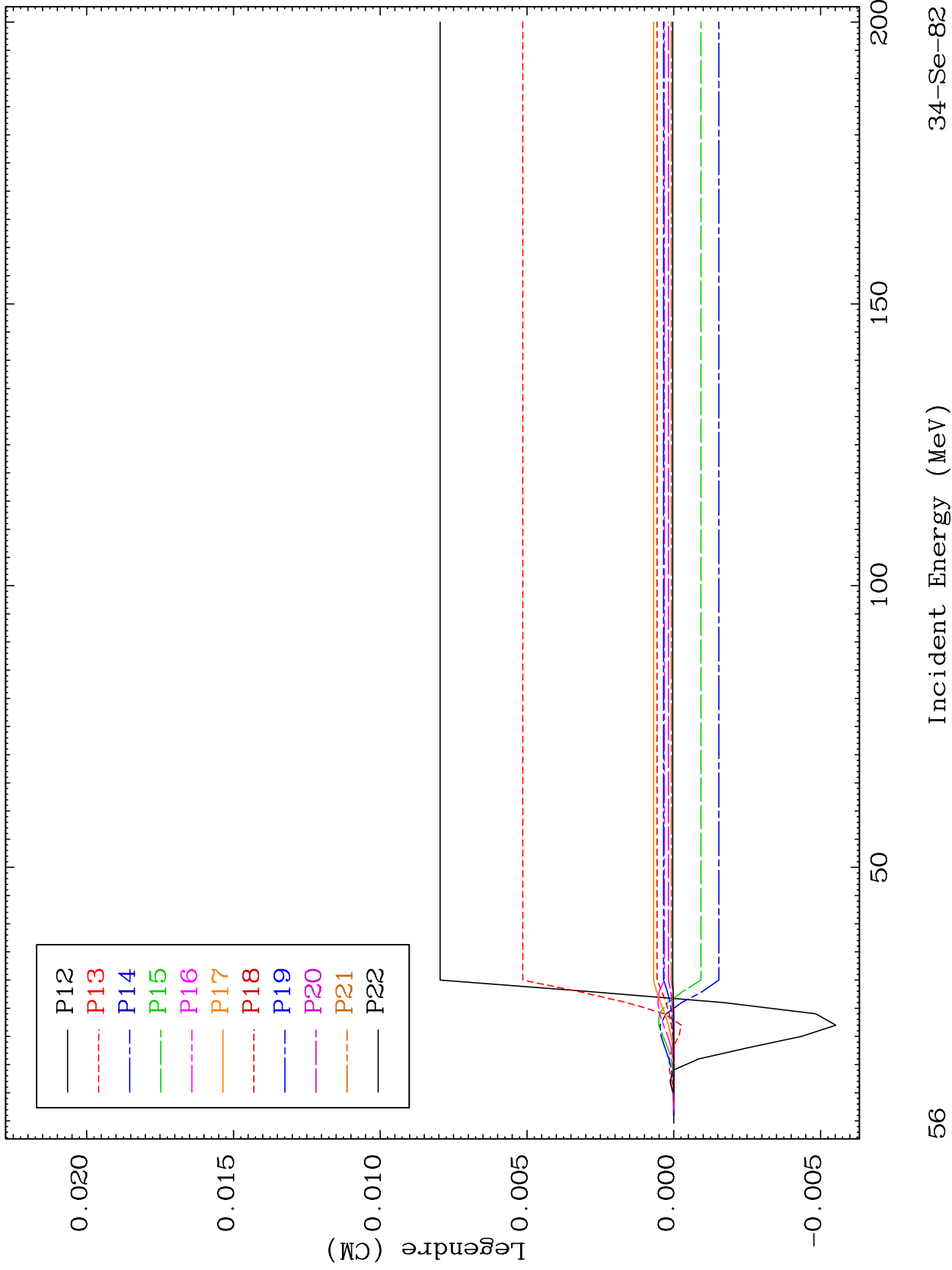
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



56

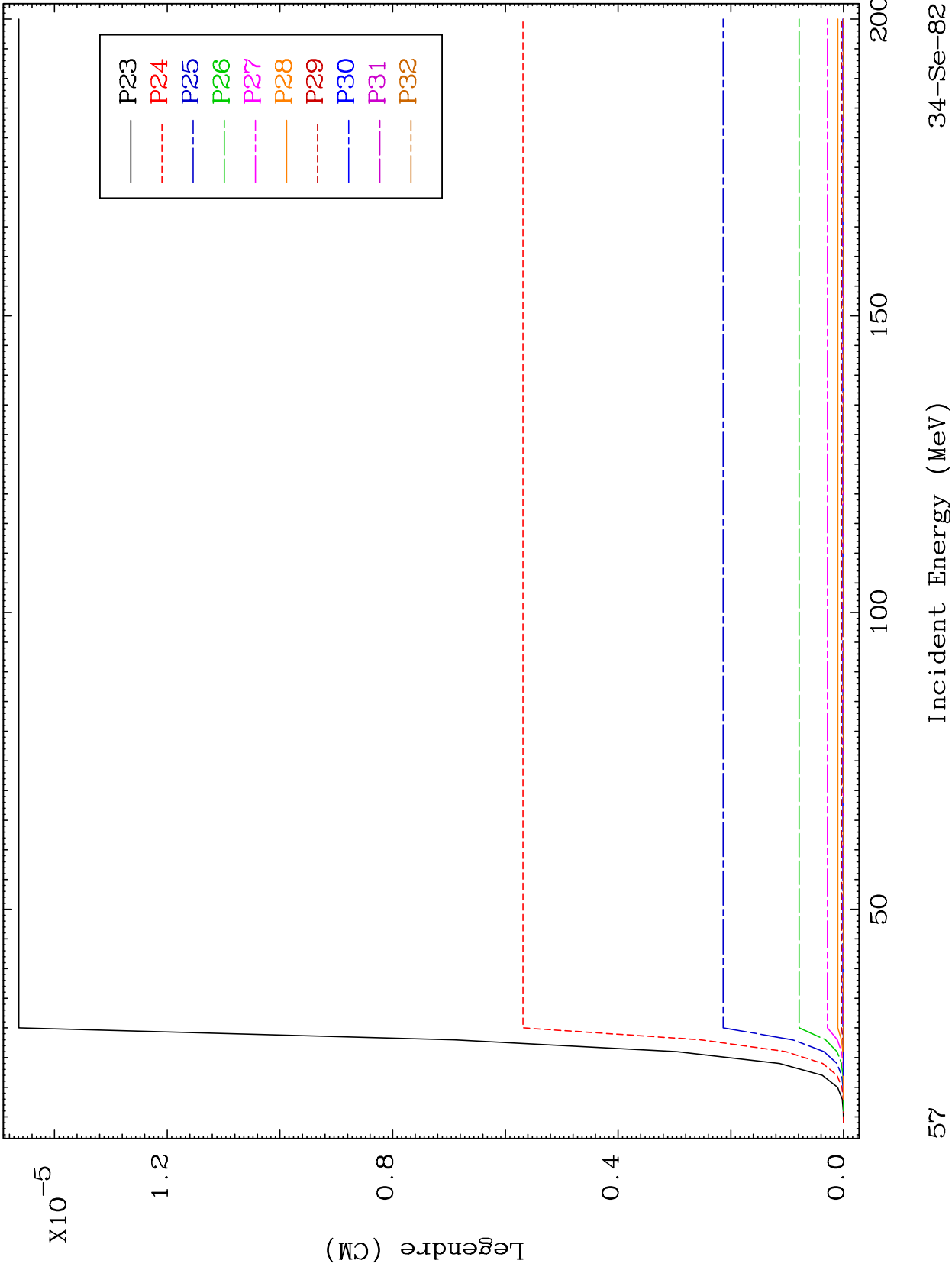
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



57

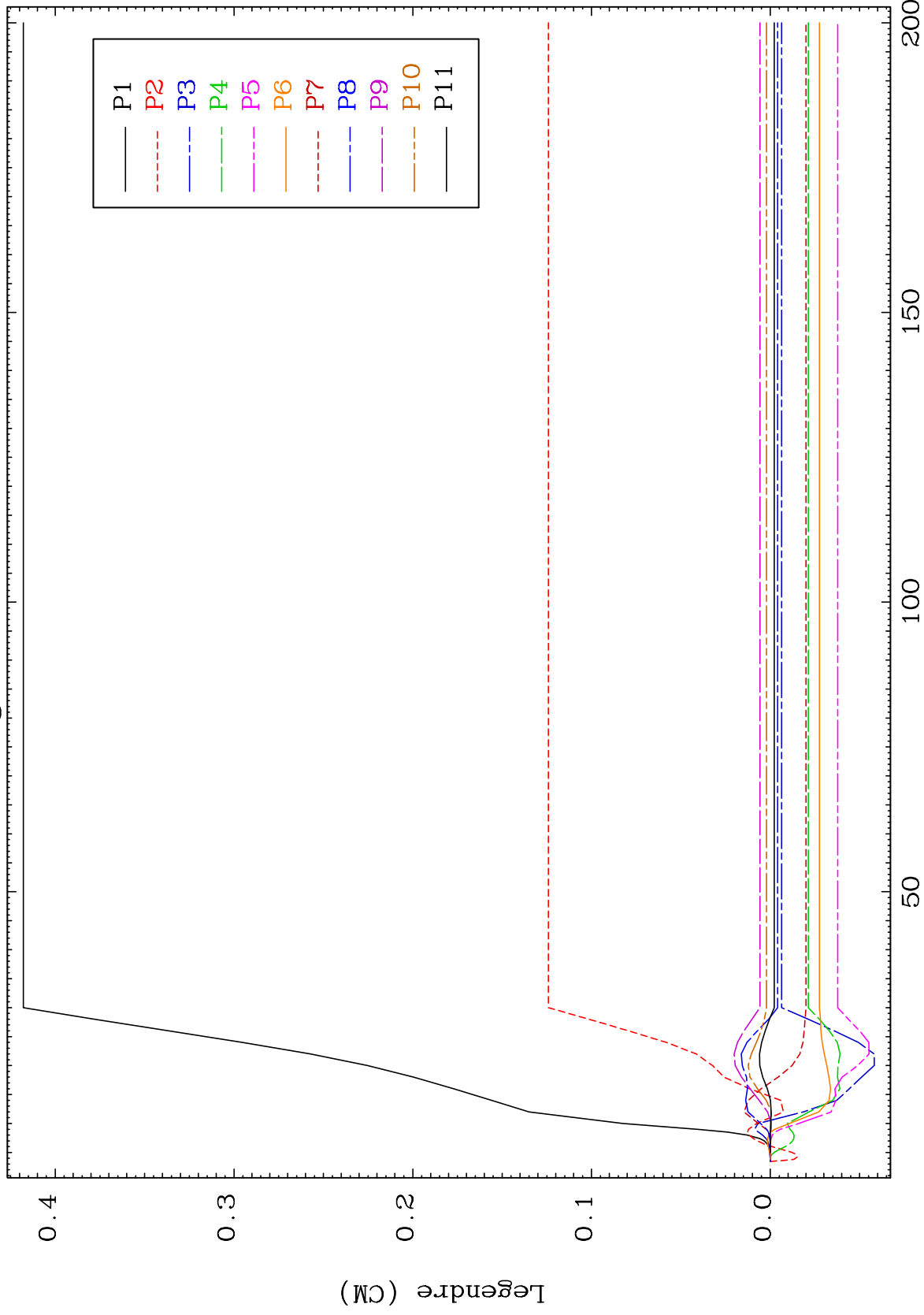
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



58

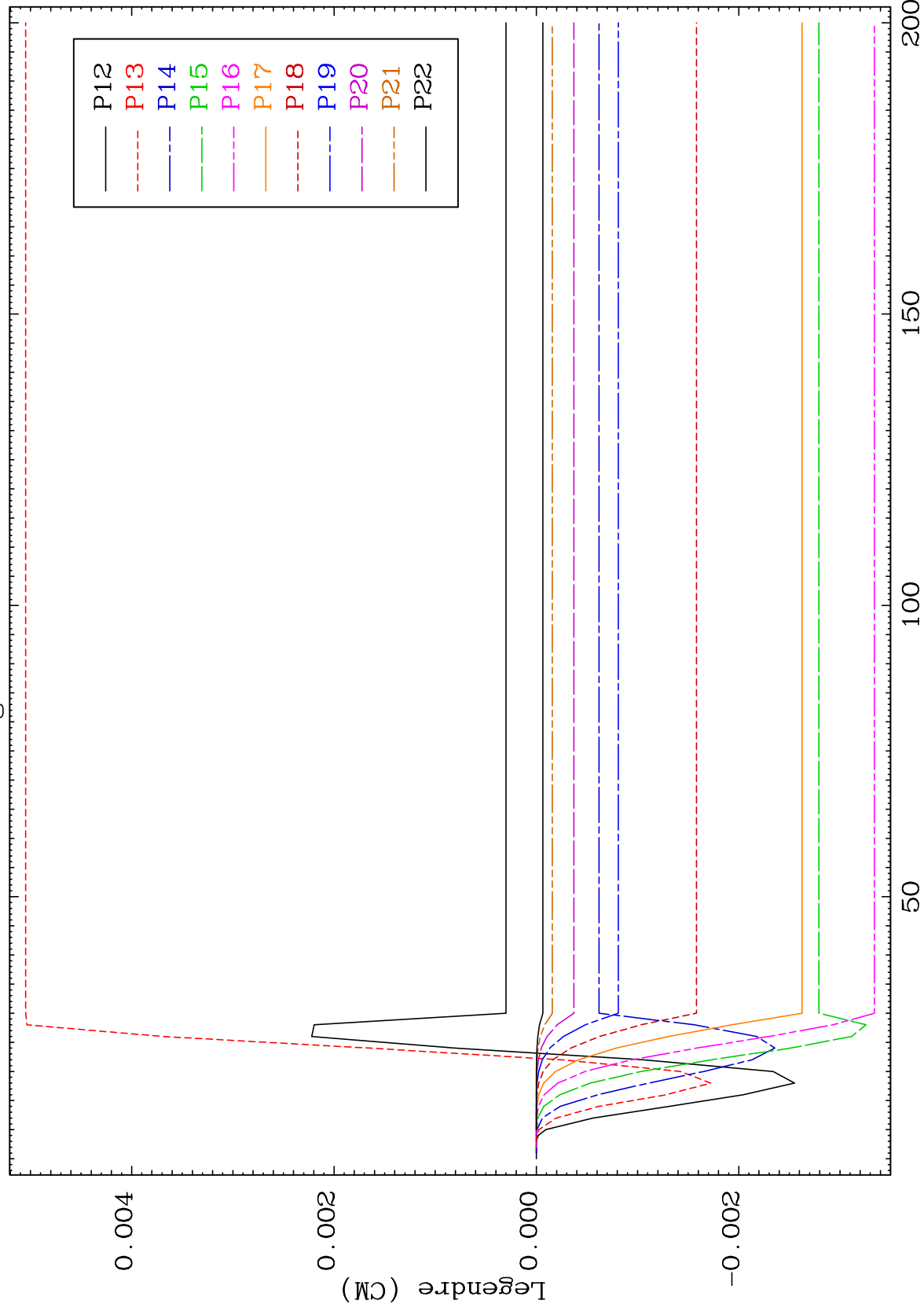
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



59

Incident Energy (MeV)

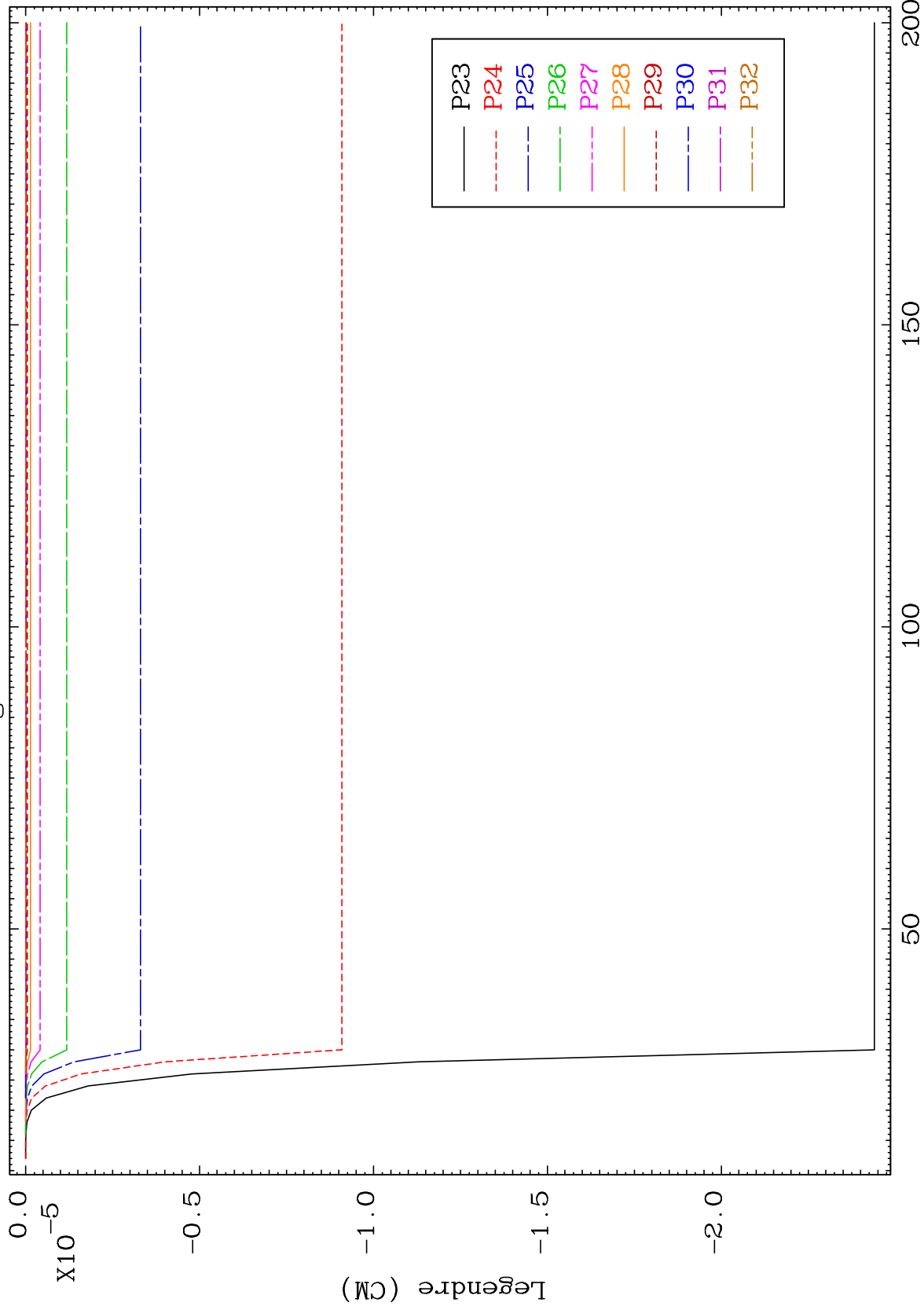
34-Se-82

MAT 3449

MT= 62 (n,n') Level

34-Se-82

Legendre Coefficients



60

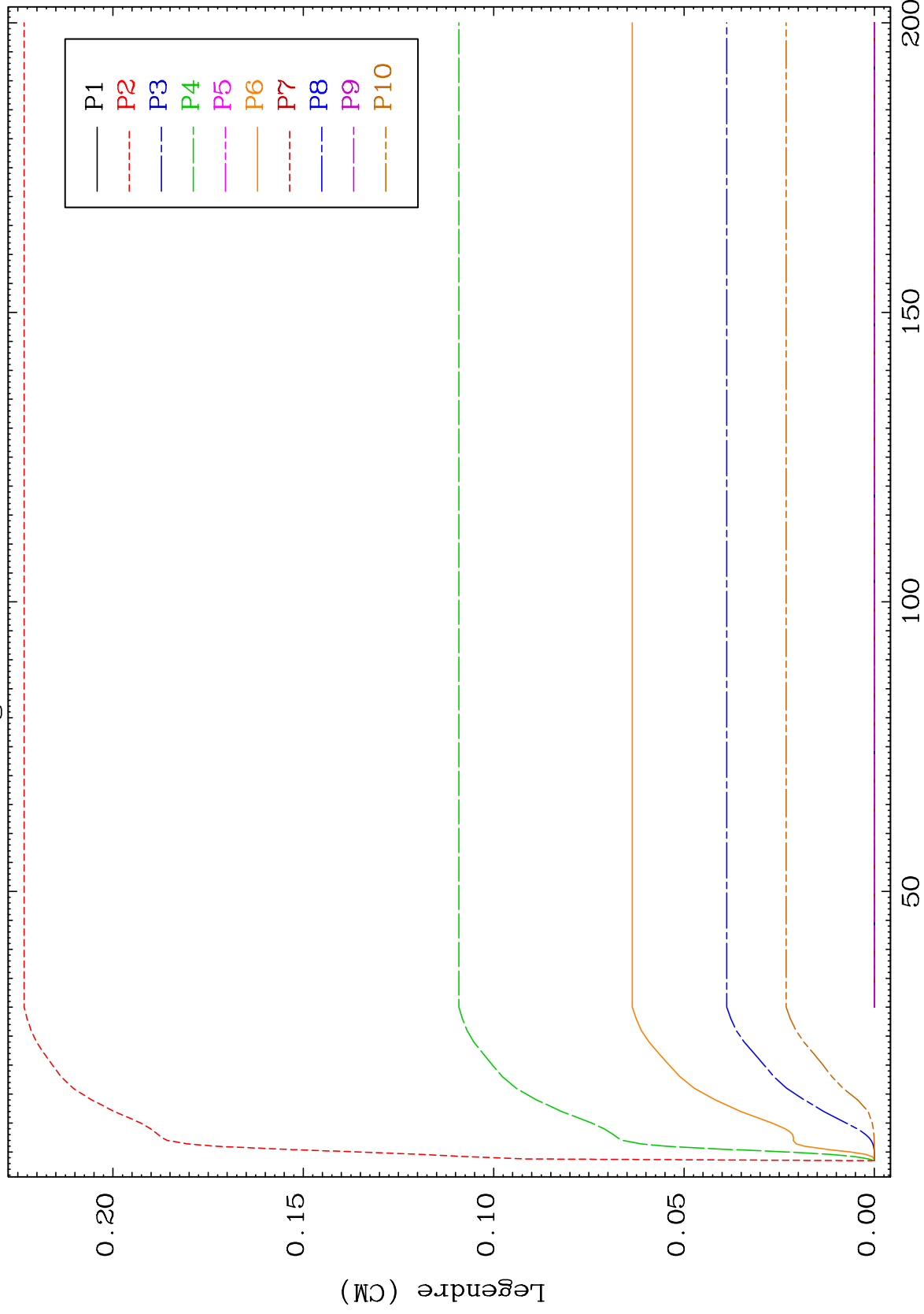
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



61

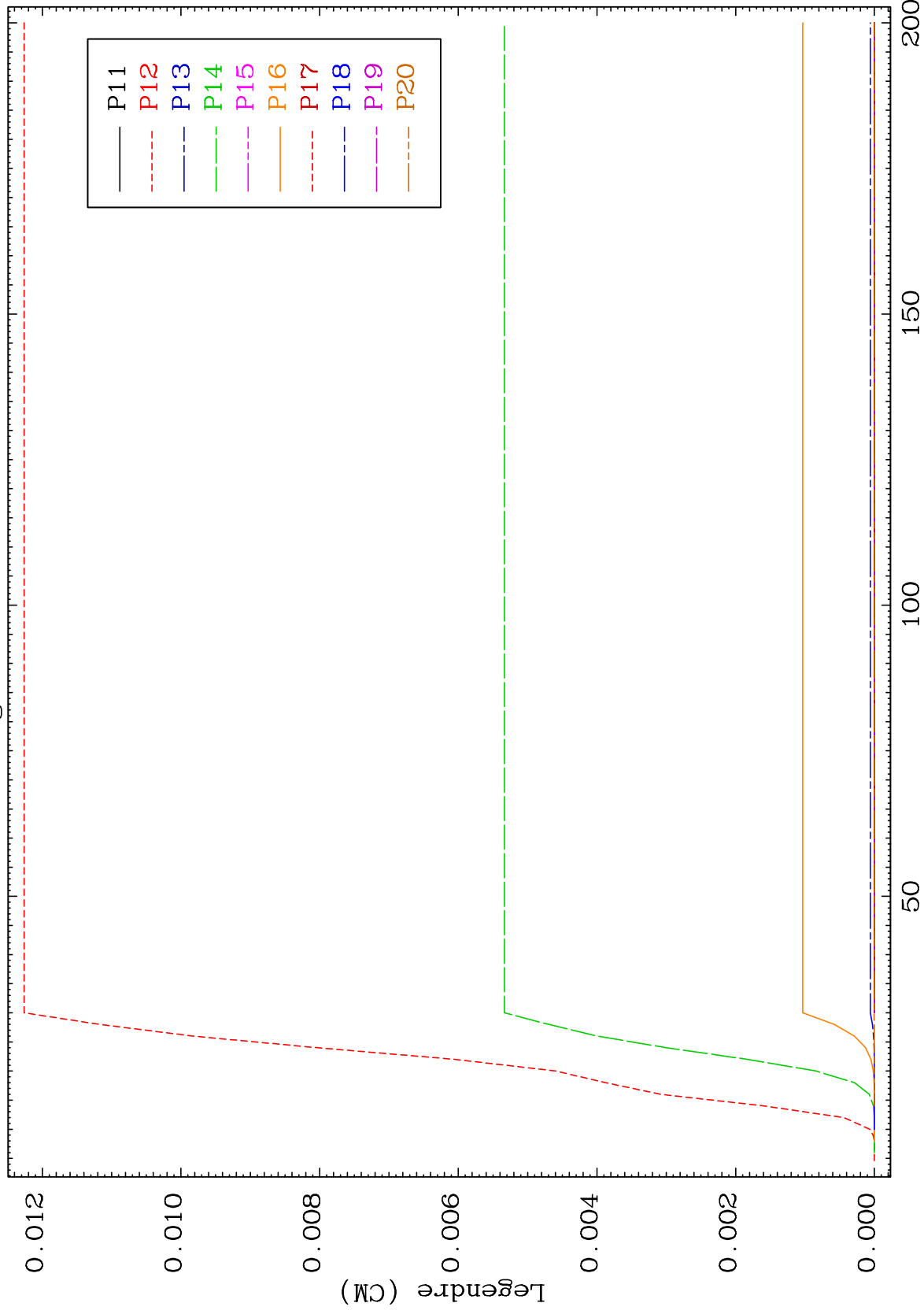
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



62

Incident Energy (MeV)

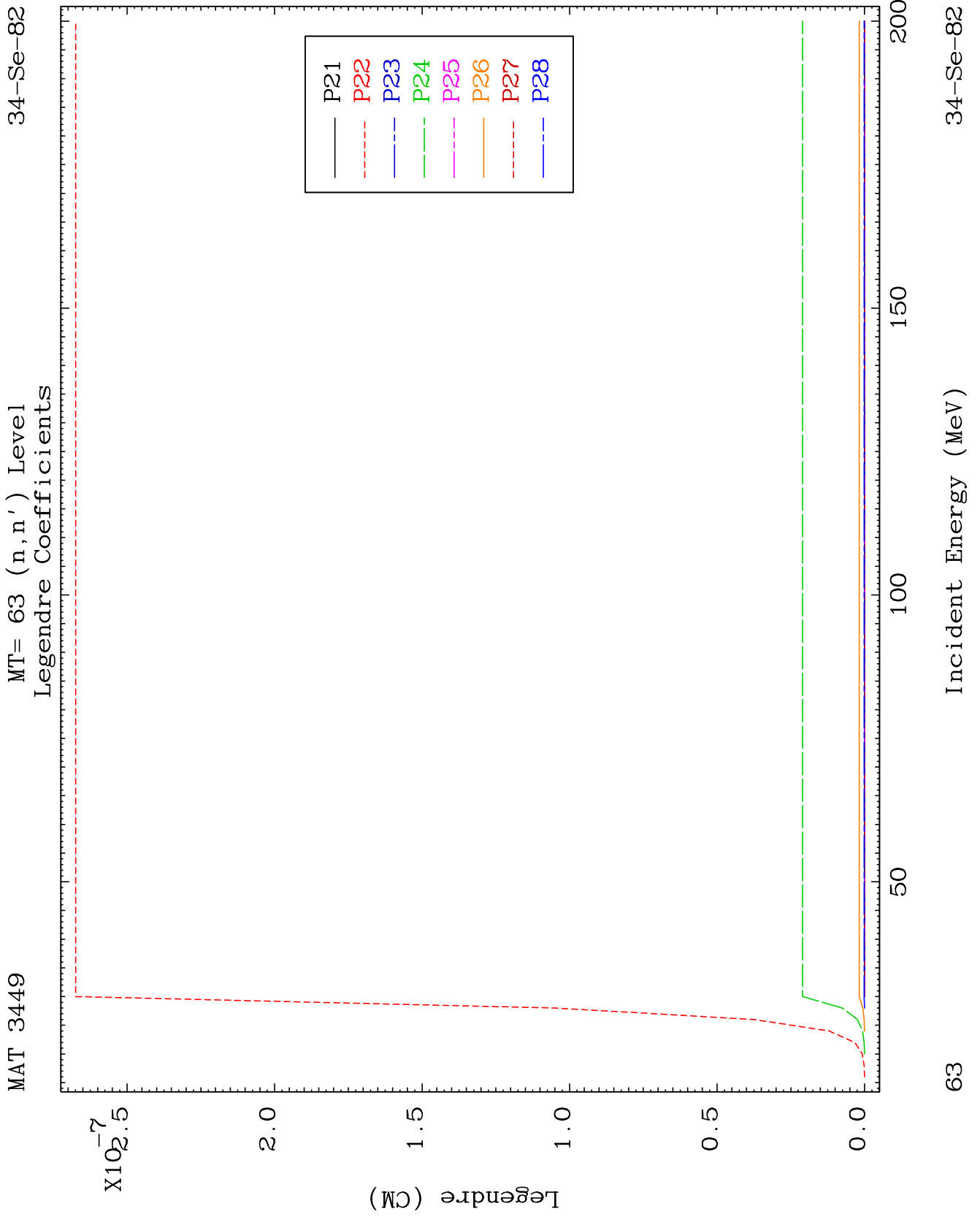
34-Se-82

200

150

100

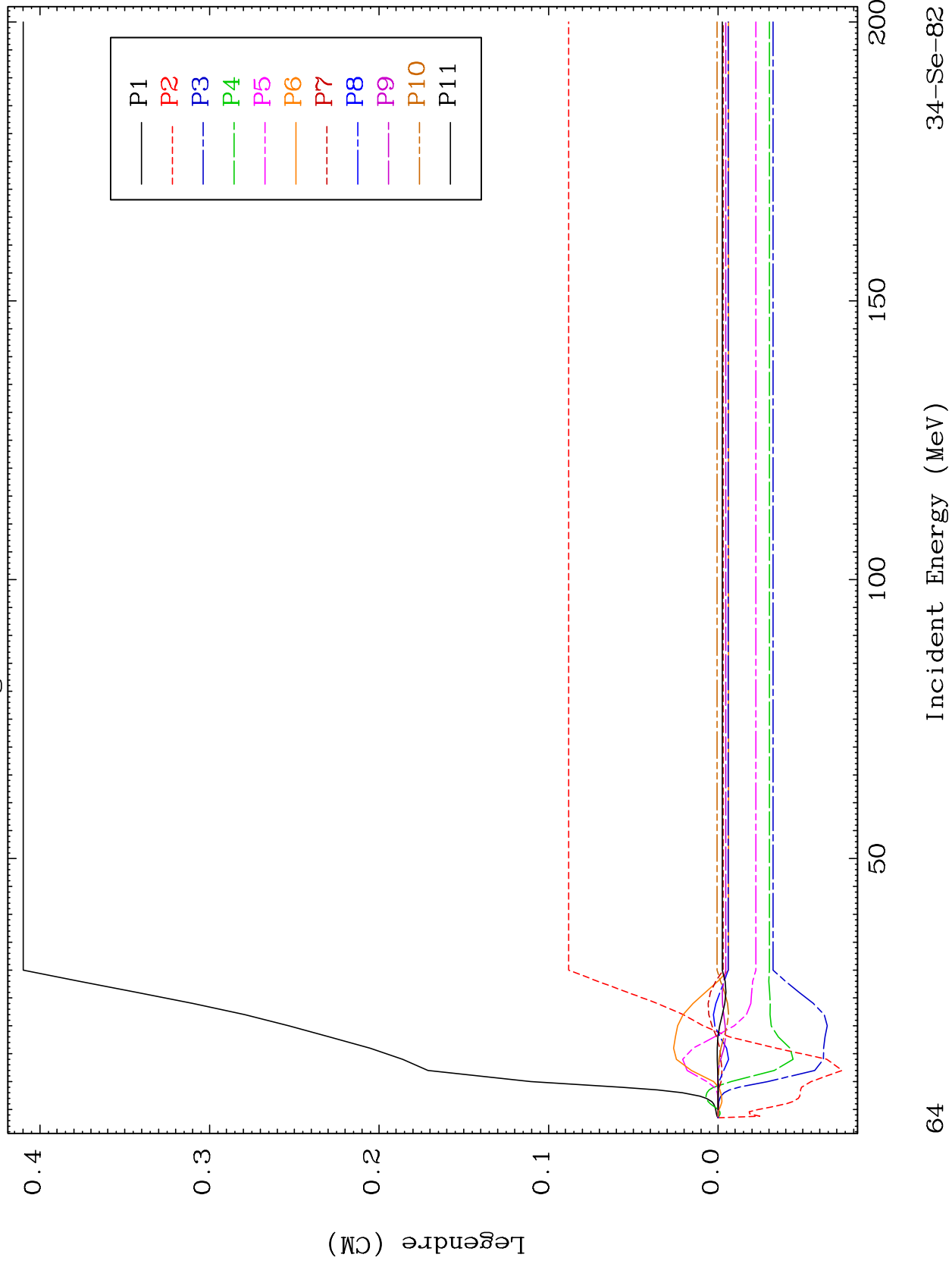
50



MAT 3449

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

³⁴Se-82



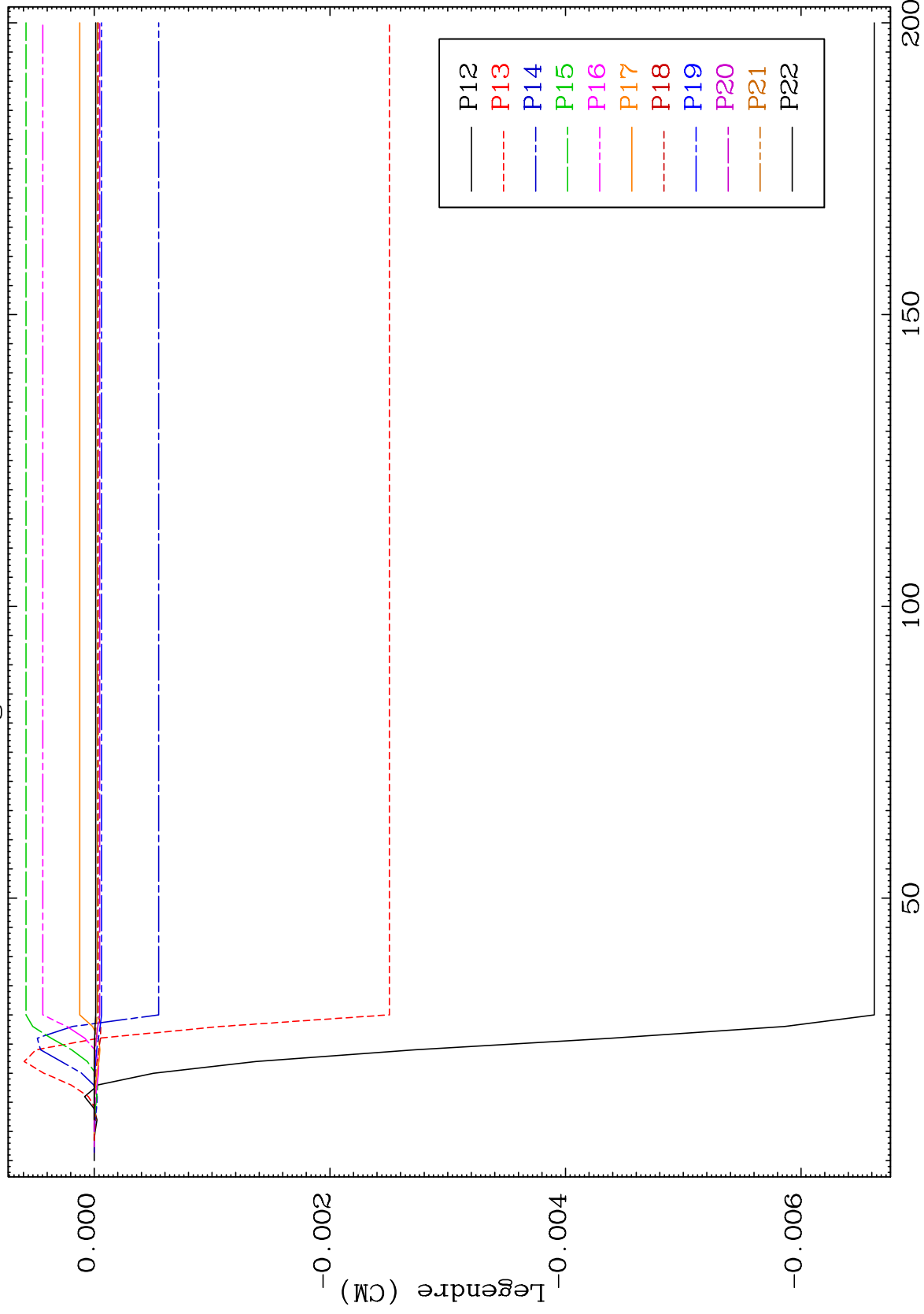
64

³⁴Se-82

MAT 3449

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

34-Se-82



65

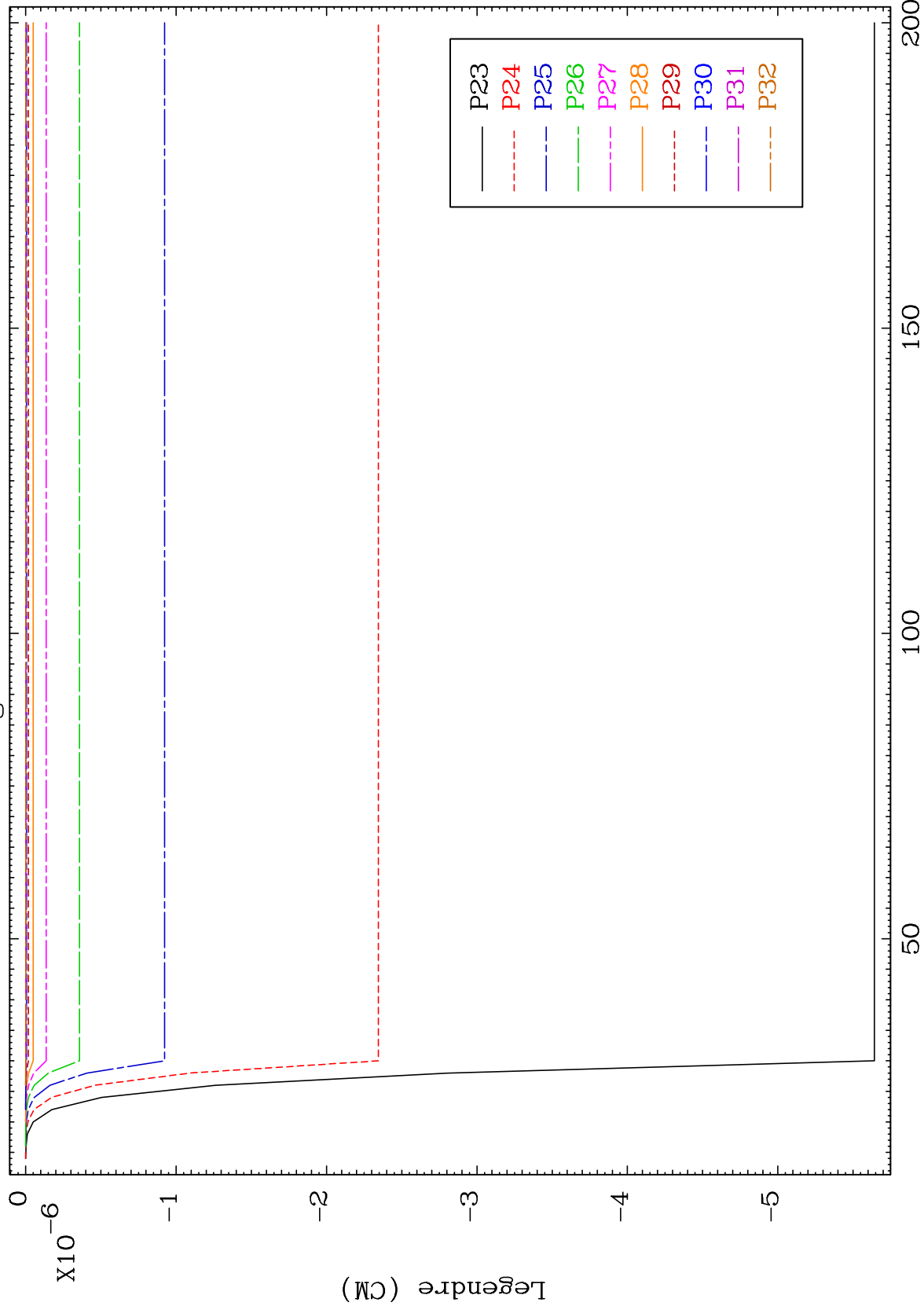
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



66

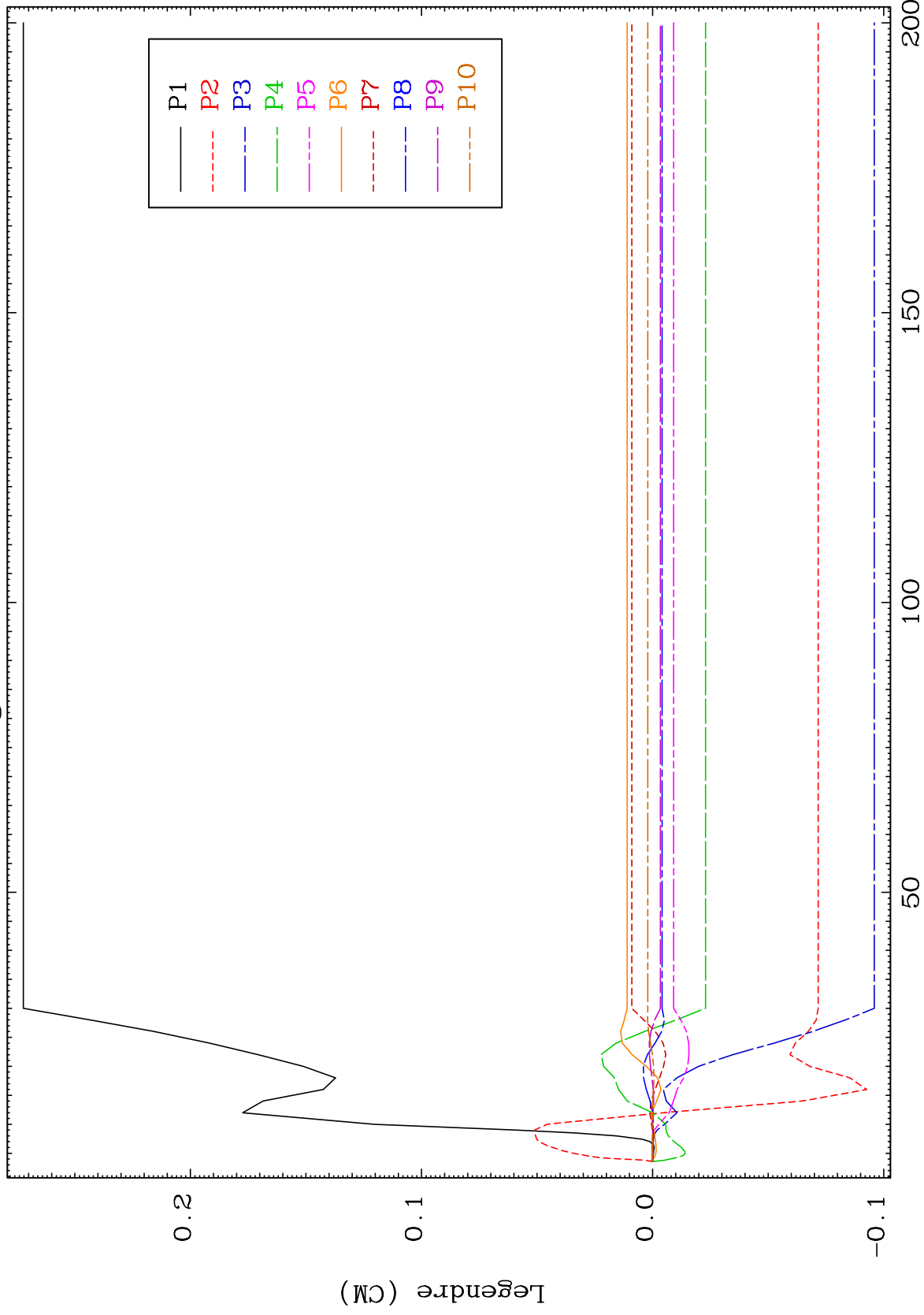
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



67

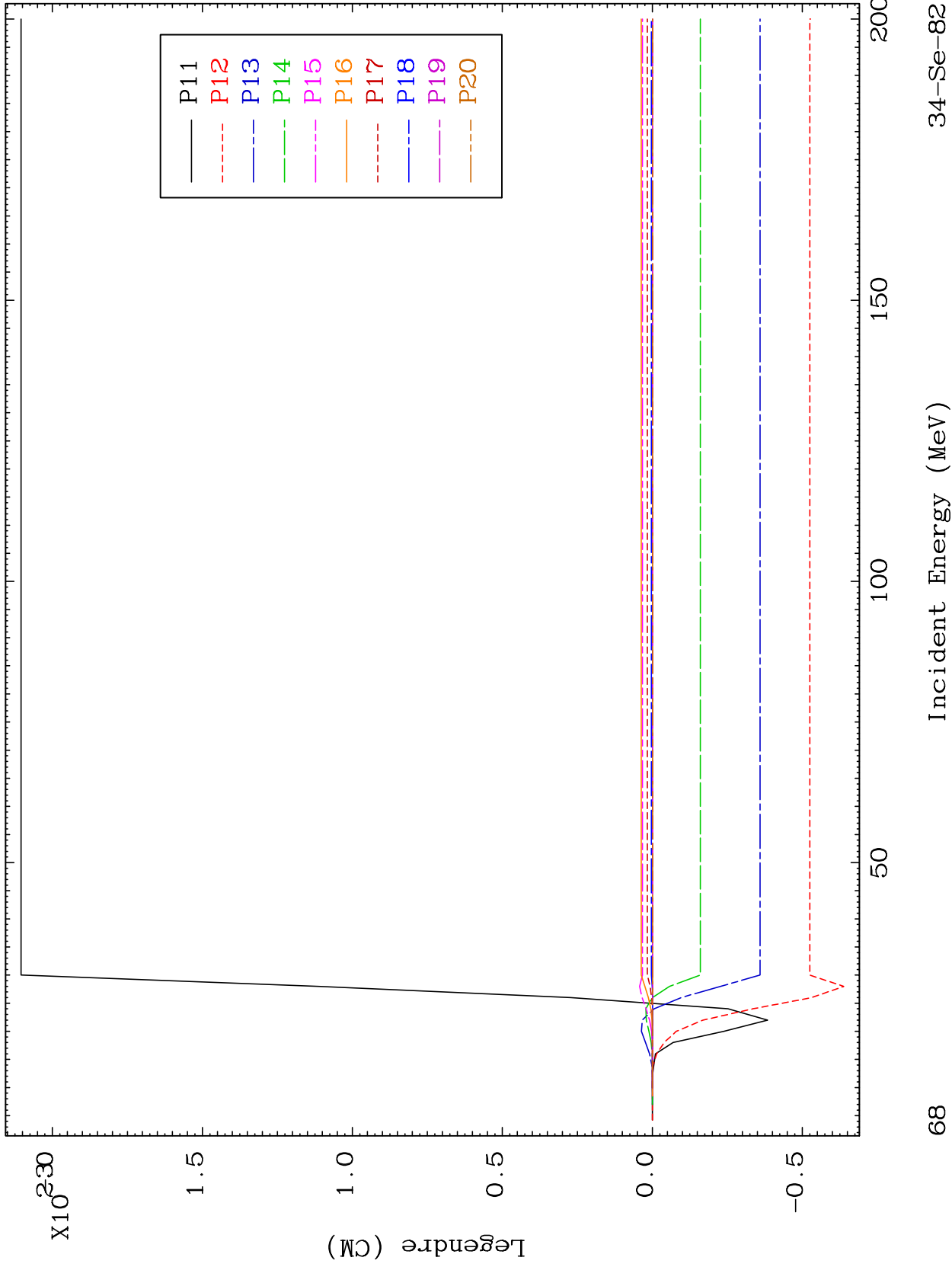
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



68

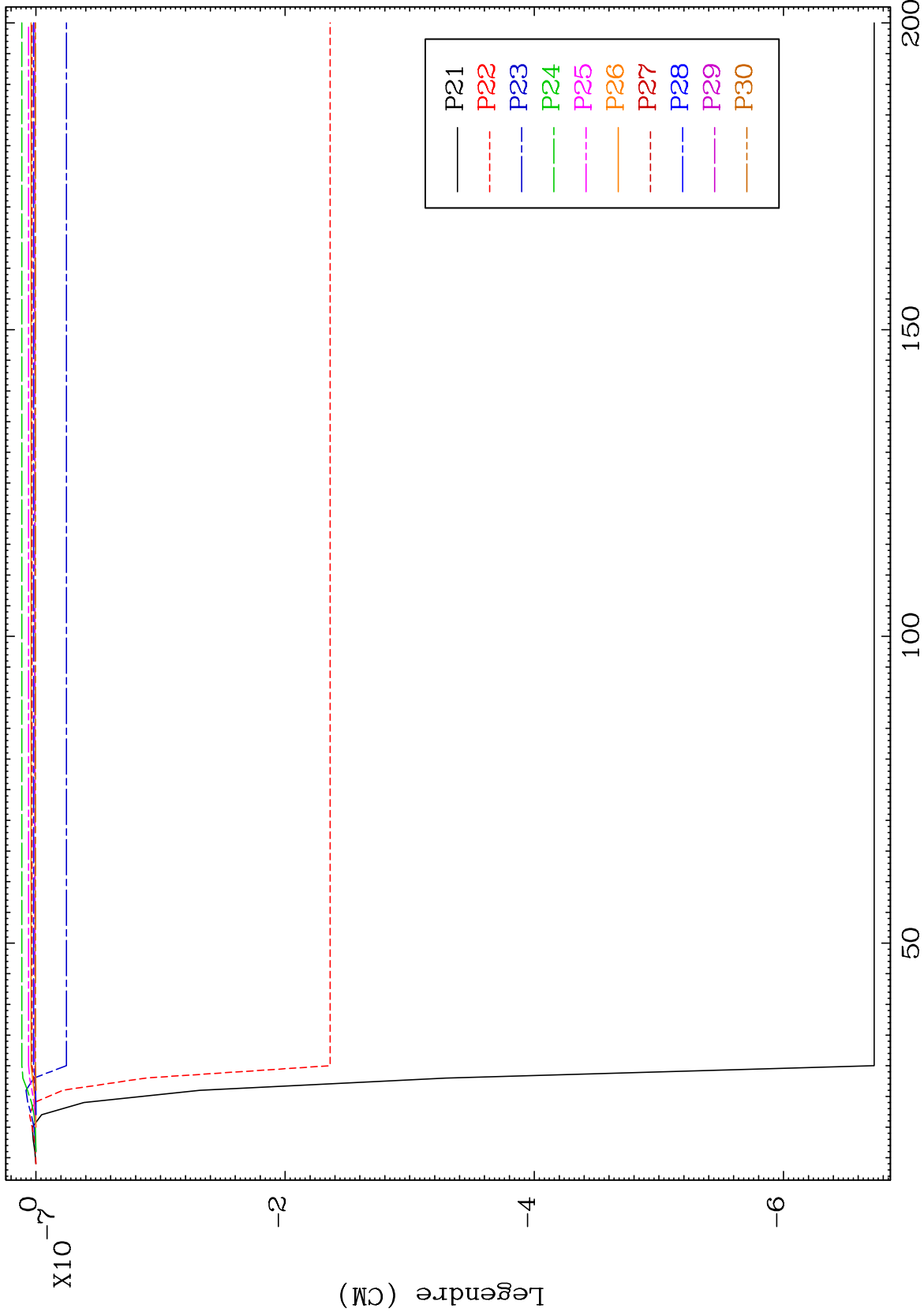
Incident Energy (MeV)

34-Se-82

MAT 3449

34-Se-82

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



69

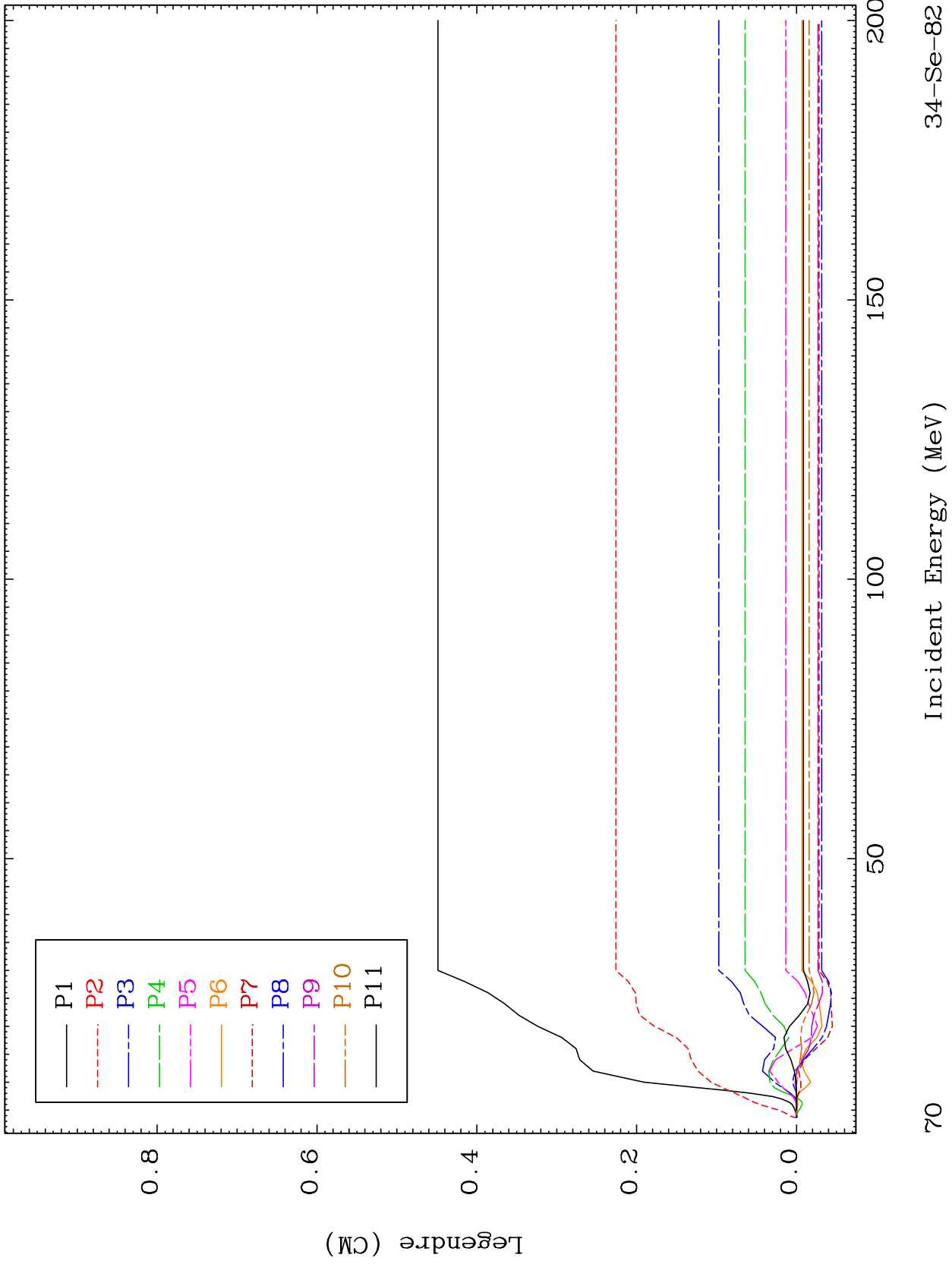
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



70

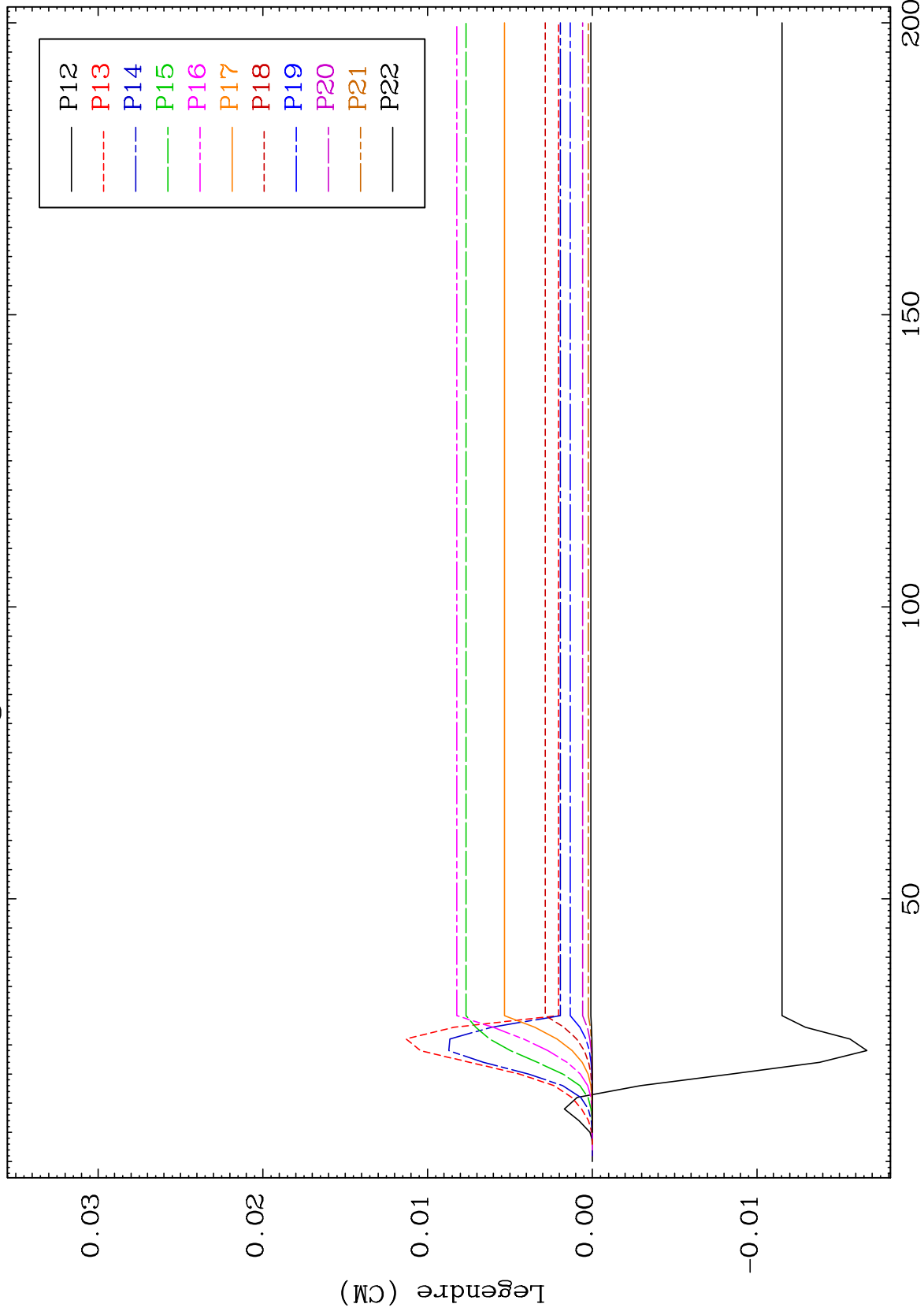
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



71

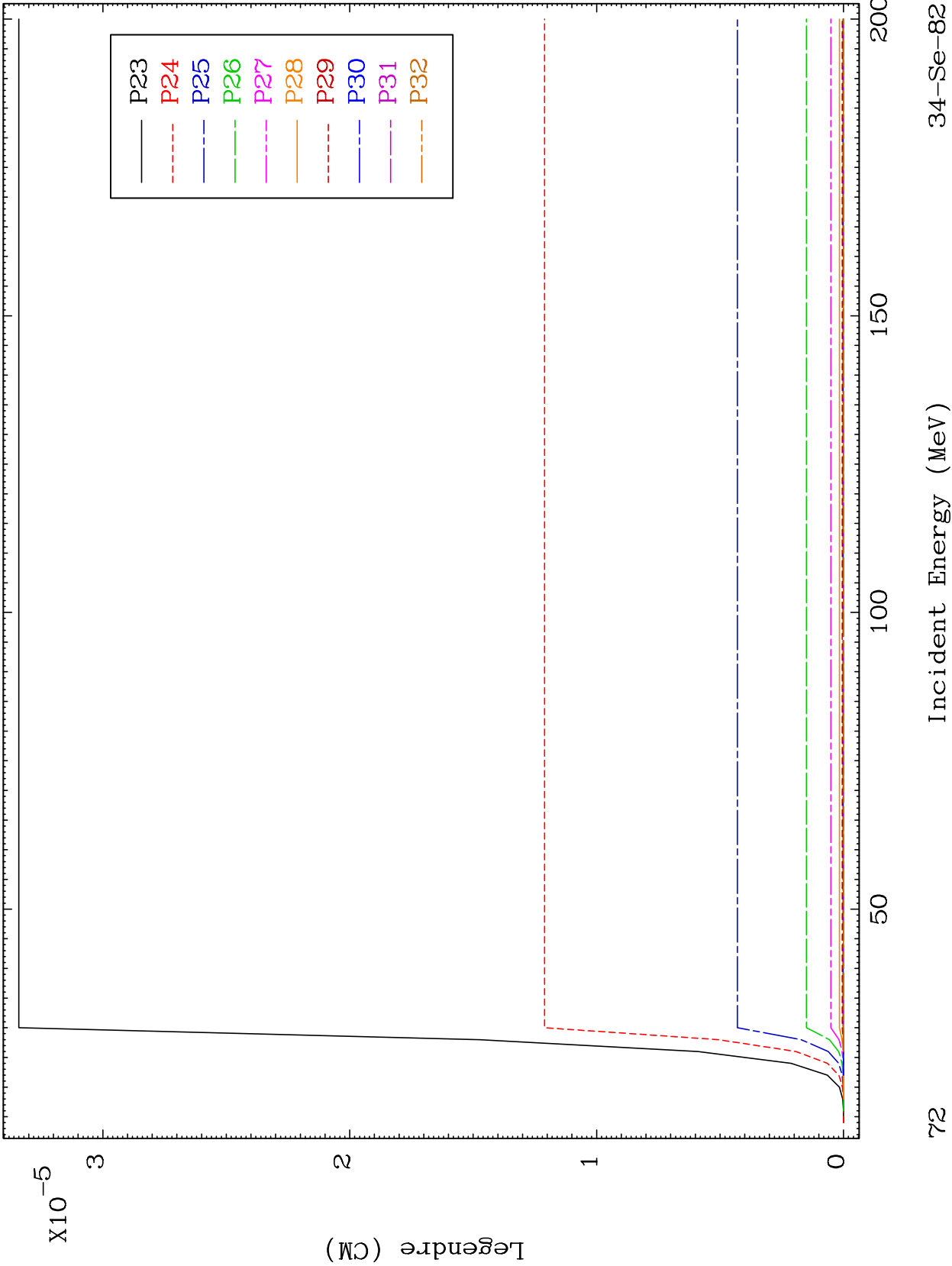
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



72

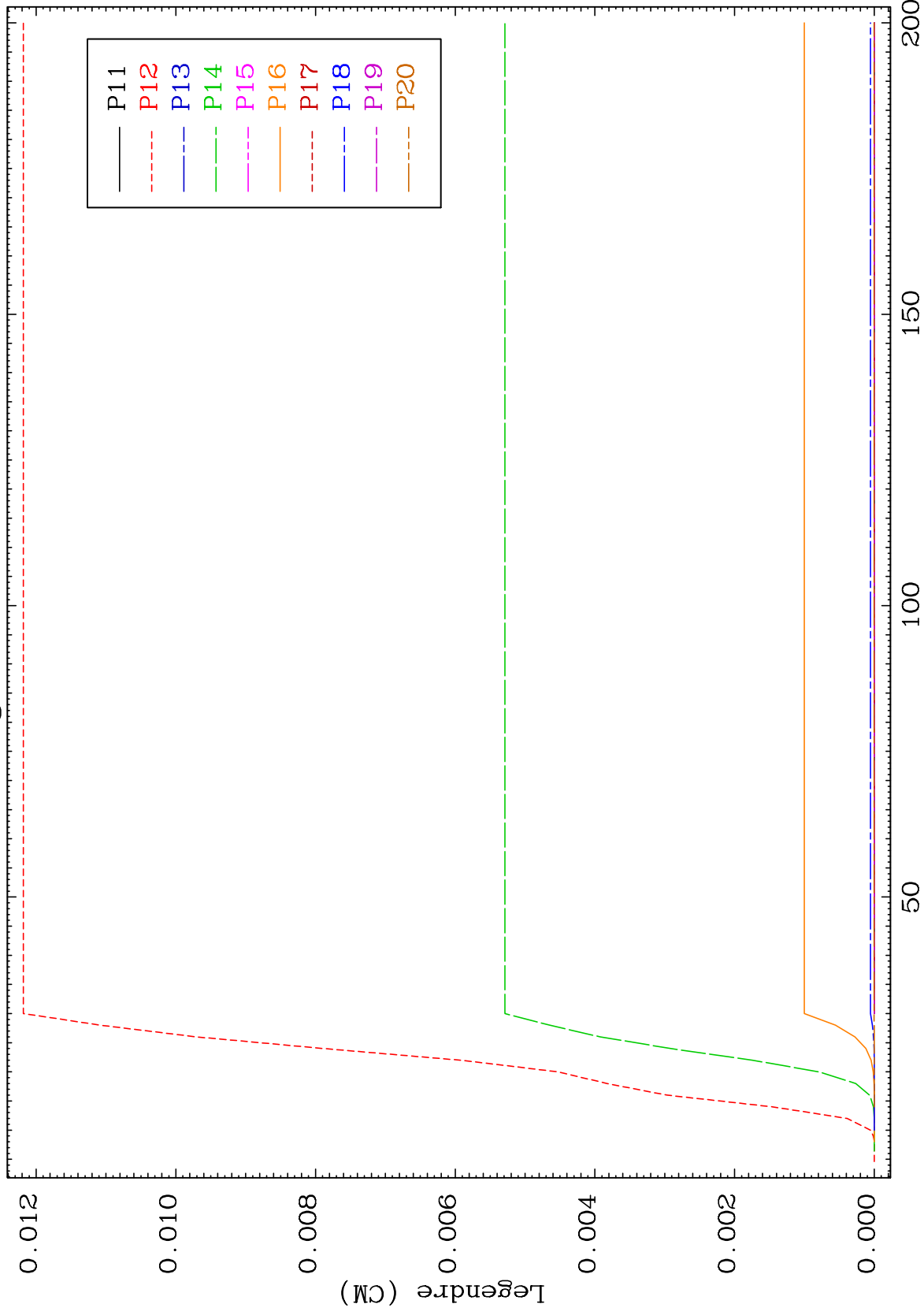
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



74

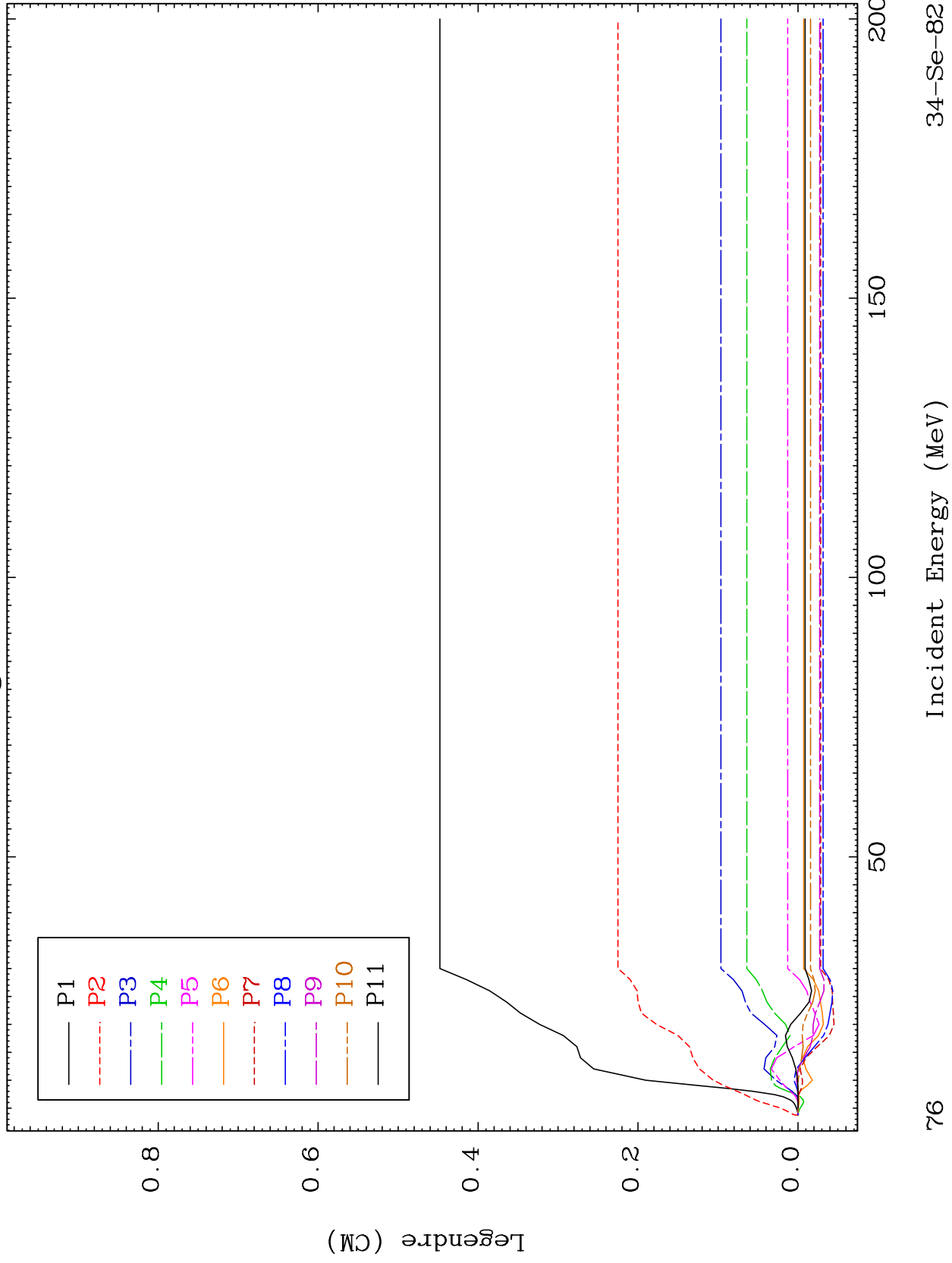
Incident Energy (MeV)

34-Se-82

MAT 3449

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

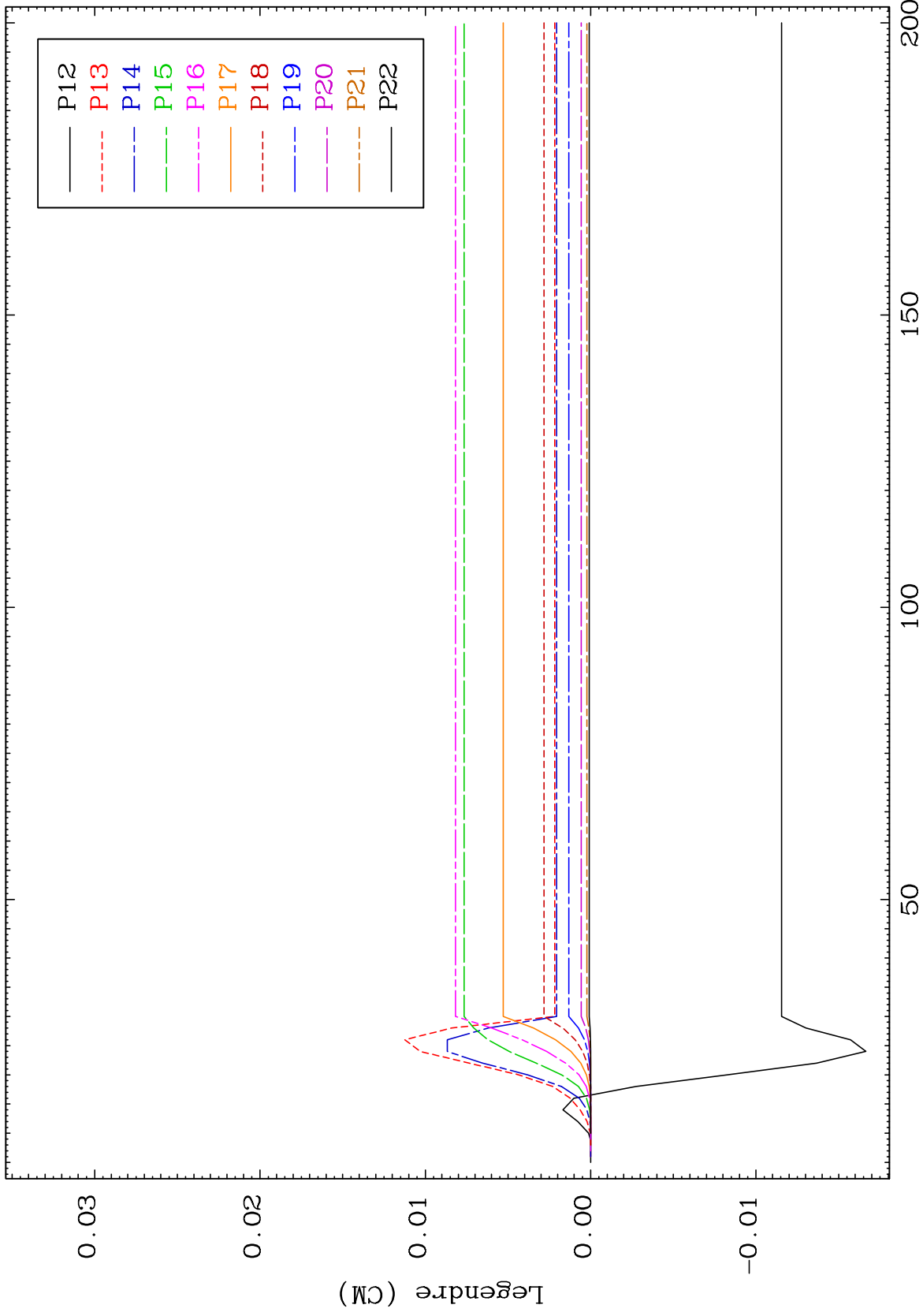
³⁴Se-82



MAT 3449

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

³⁴Se-82



77

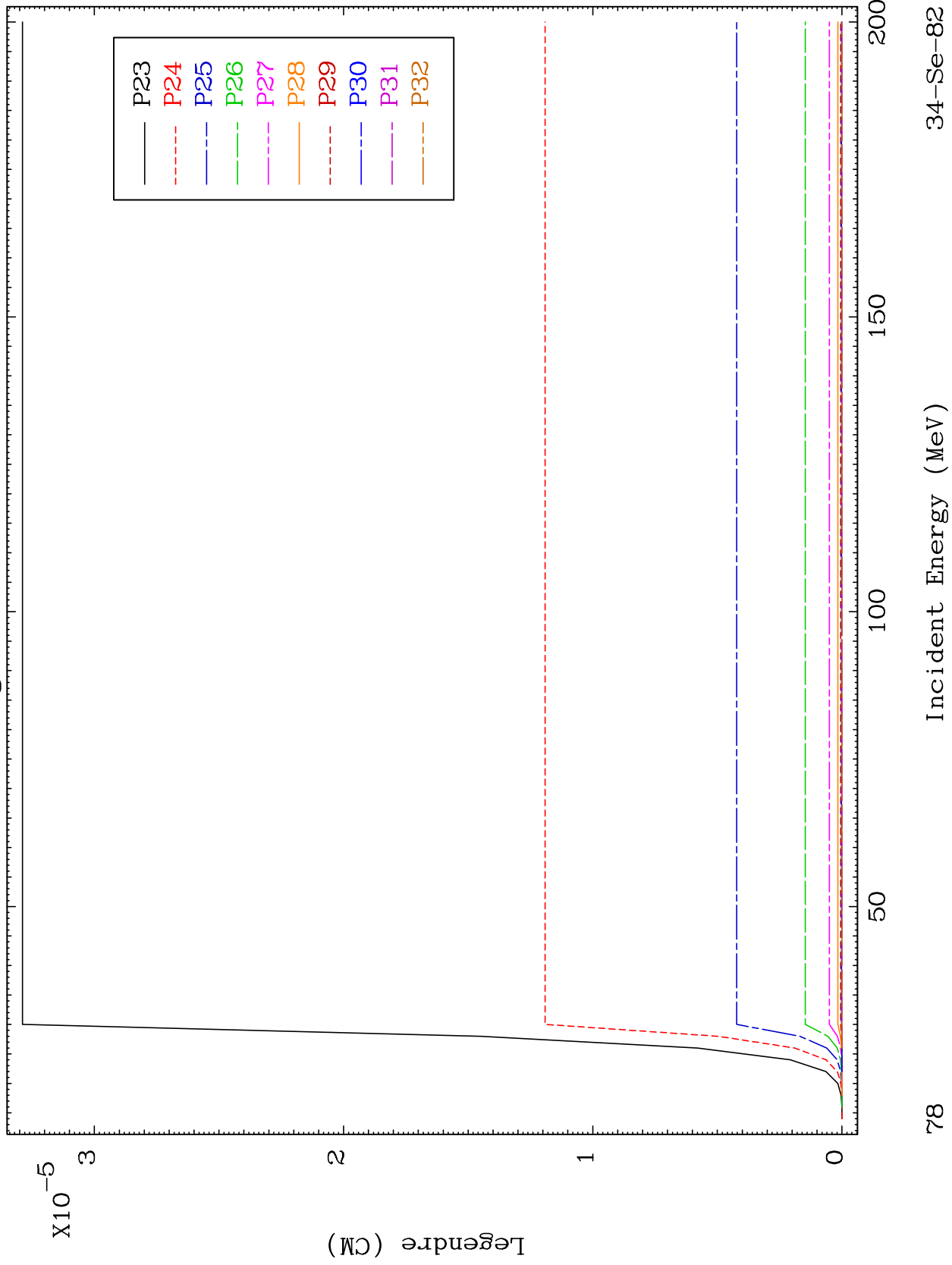
Incident Energy (MeV)

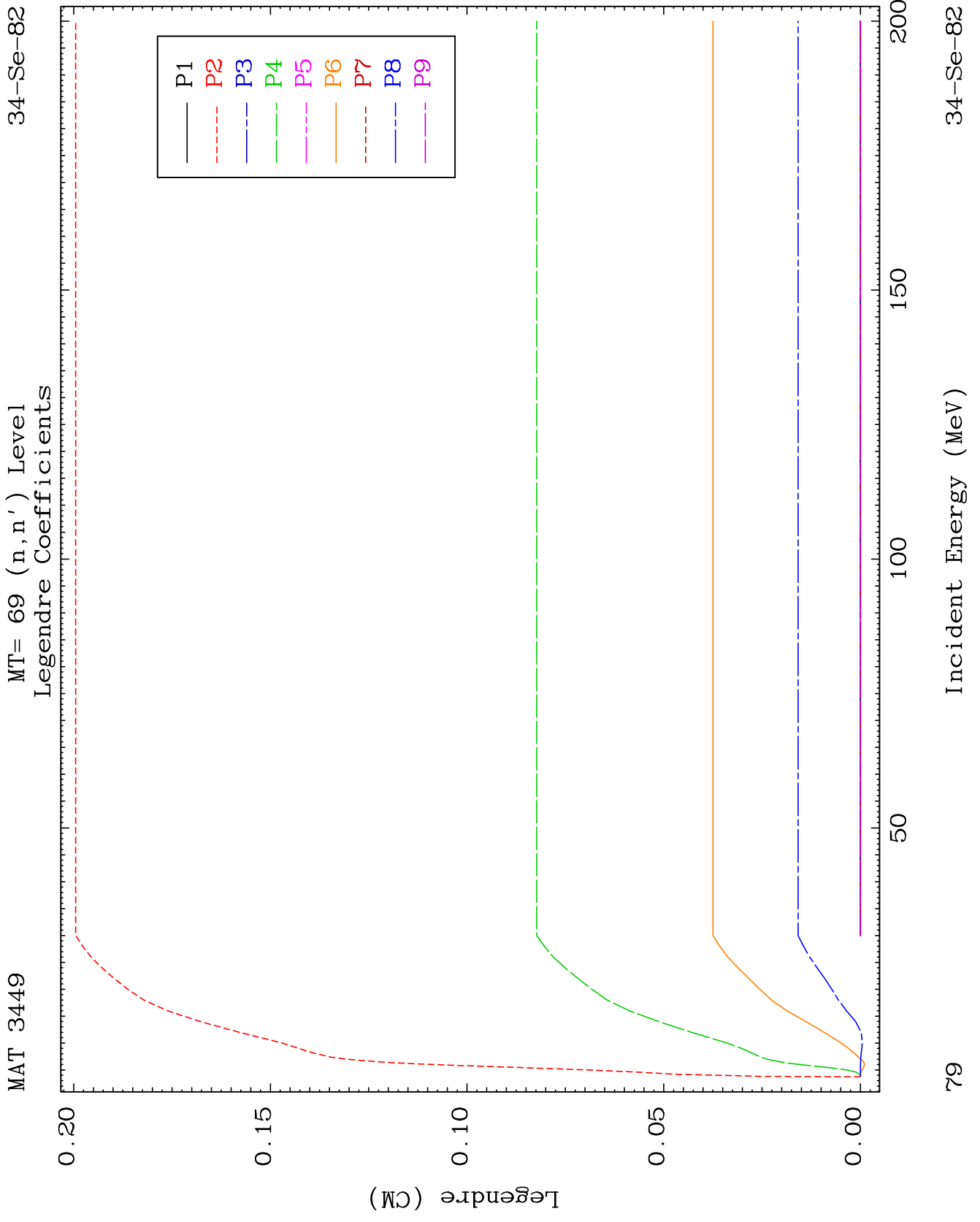
³⁴Se-82

MAT 3449

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

³⁴Se-82

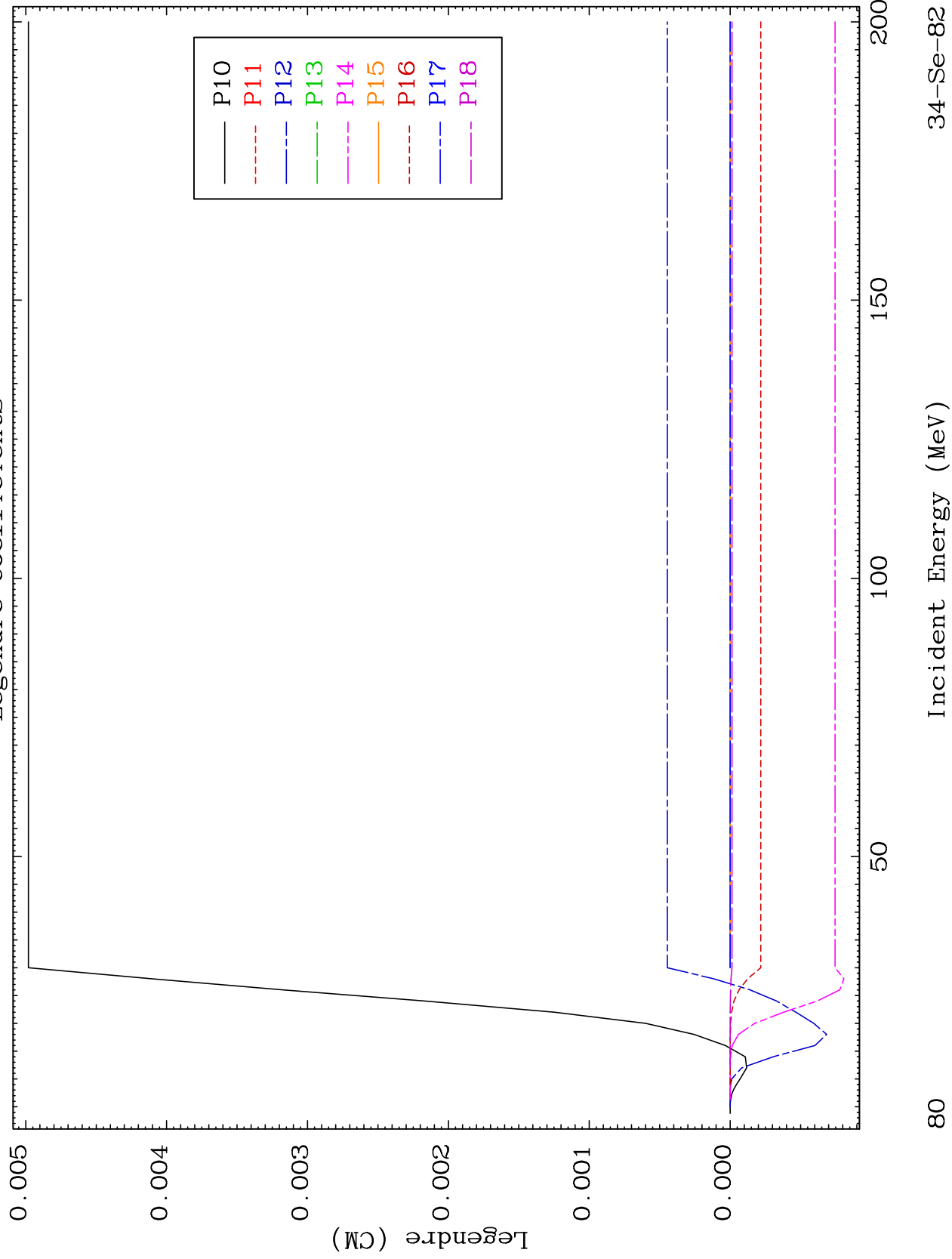




MAT 3449

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

³⁴Se-82



80

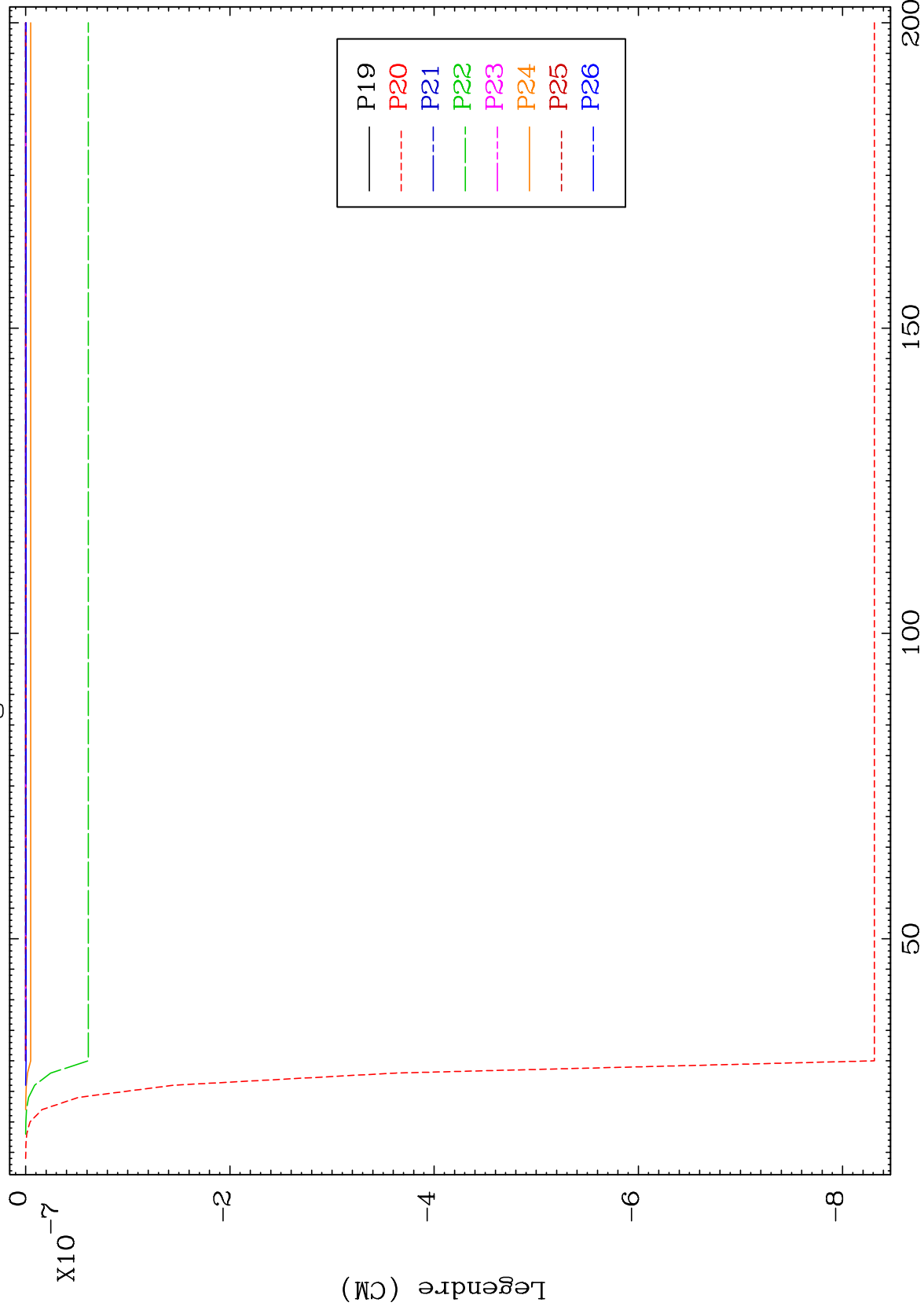
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



34-Se-82

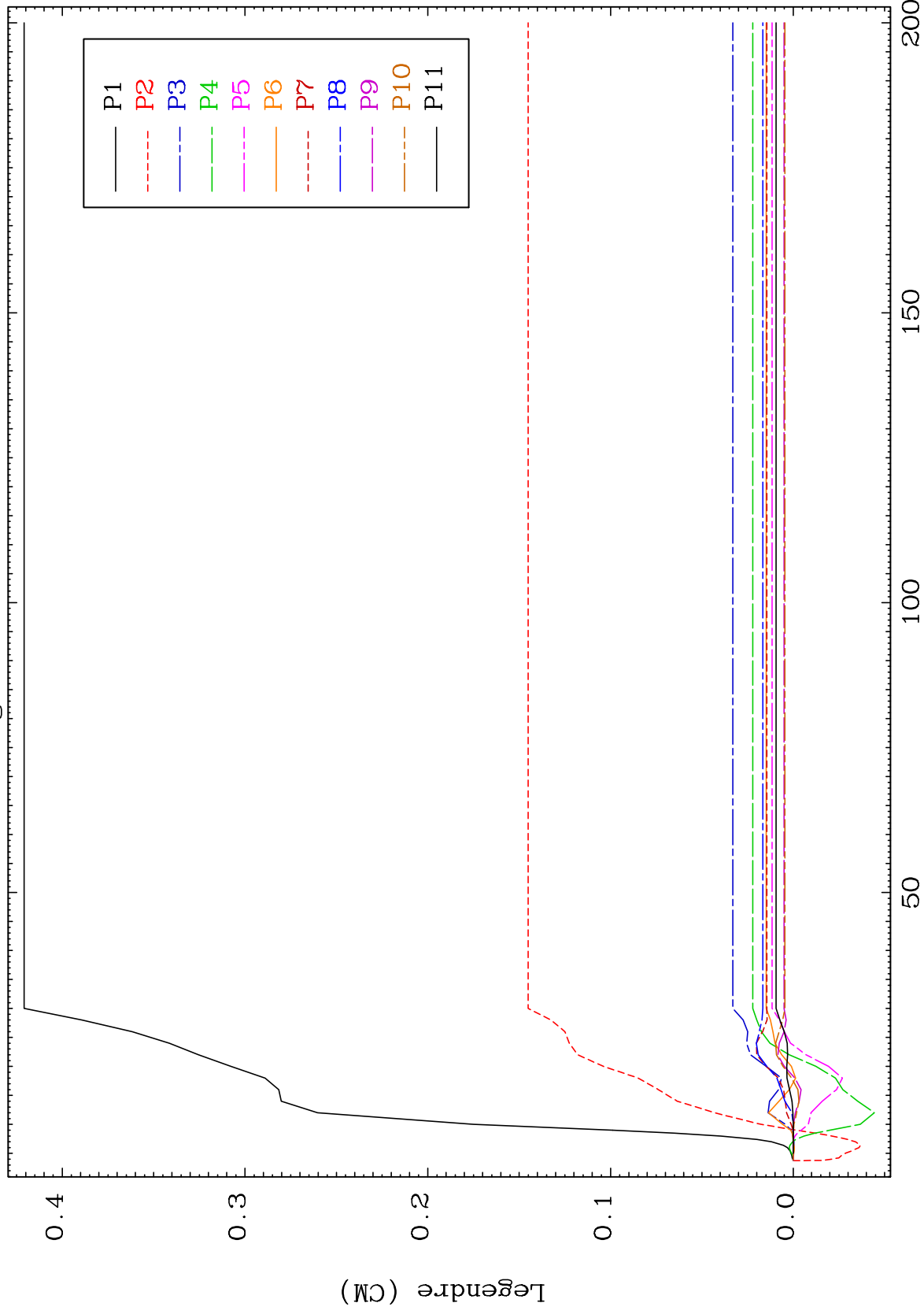
Incident Energy (MeV)

81

MAT 3449

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

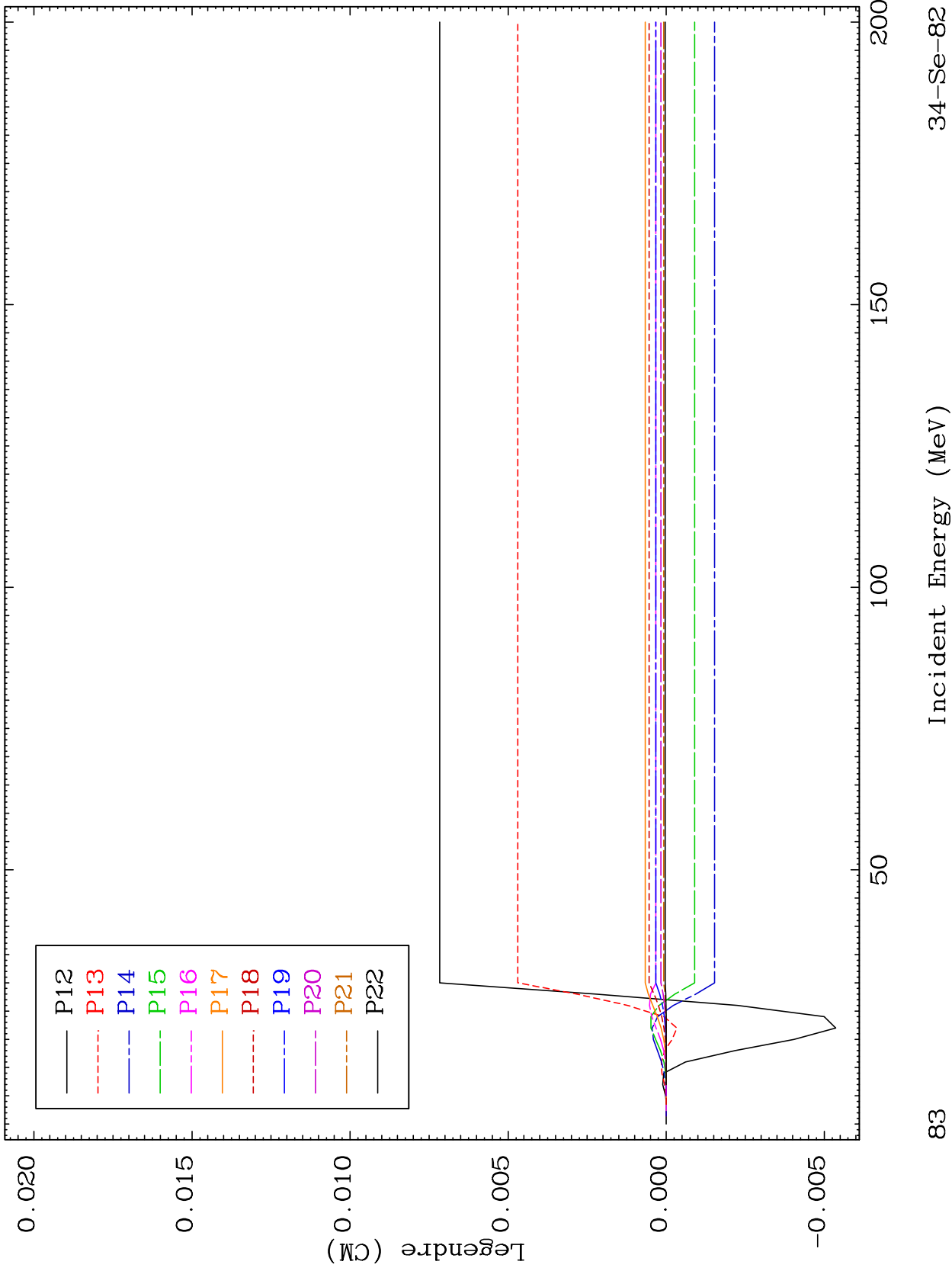
³⁴Se-82



82

Incident Energy (MeV)

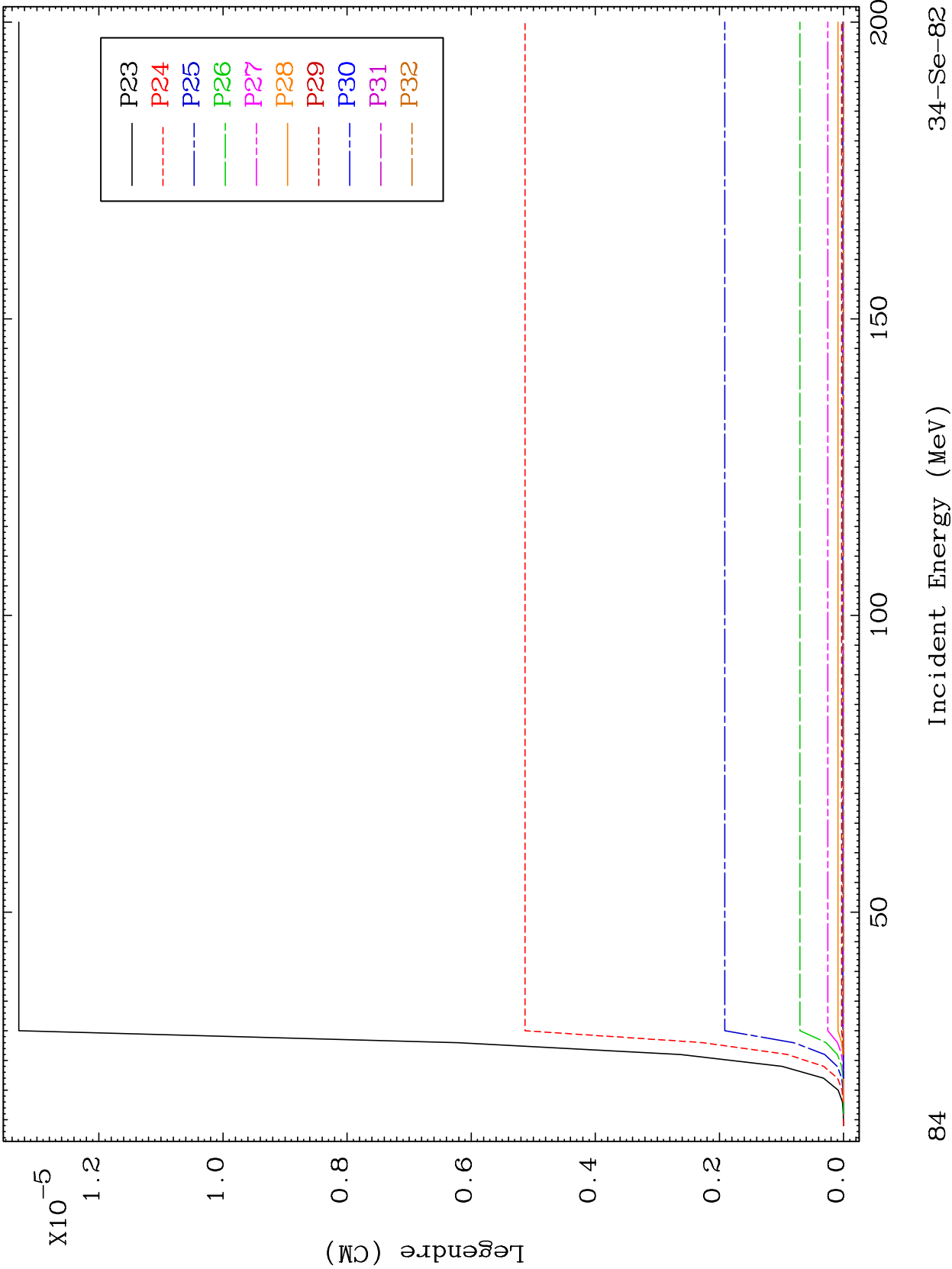
³⁴Se-82



MAT 3449

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

34-Se-82



84

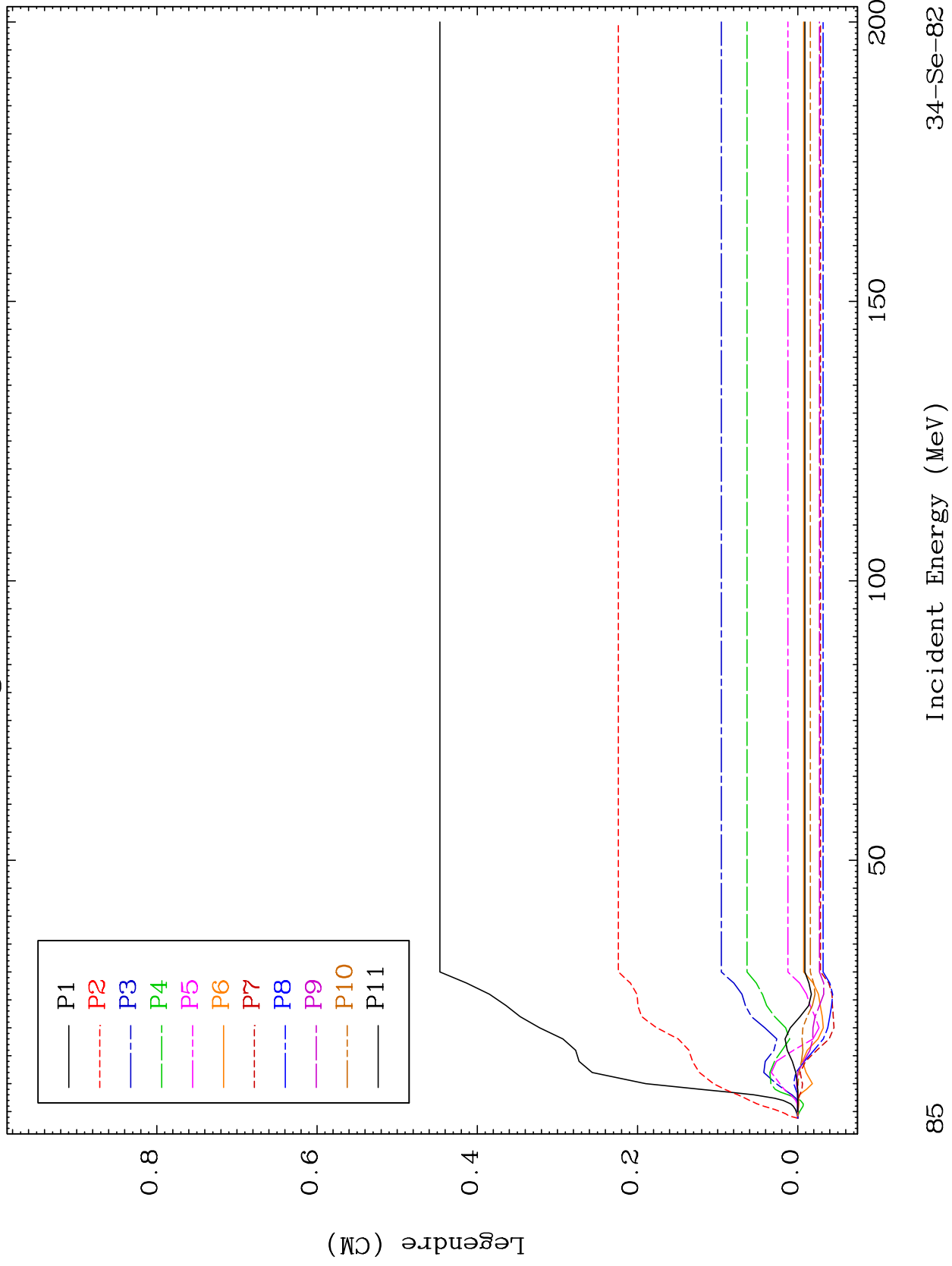
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



85

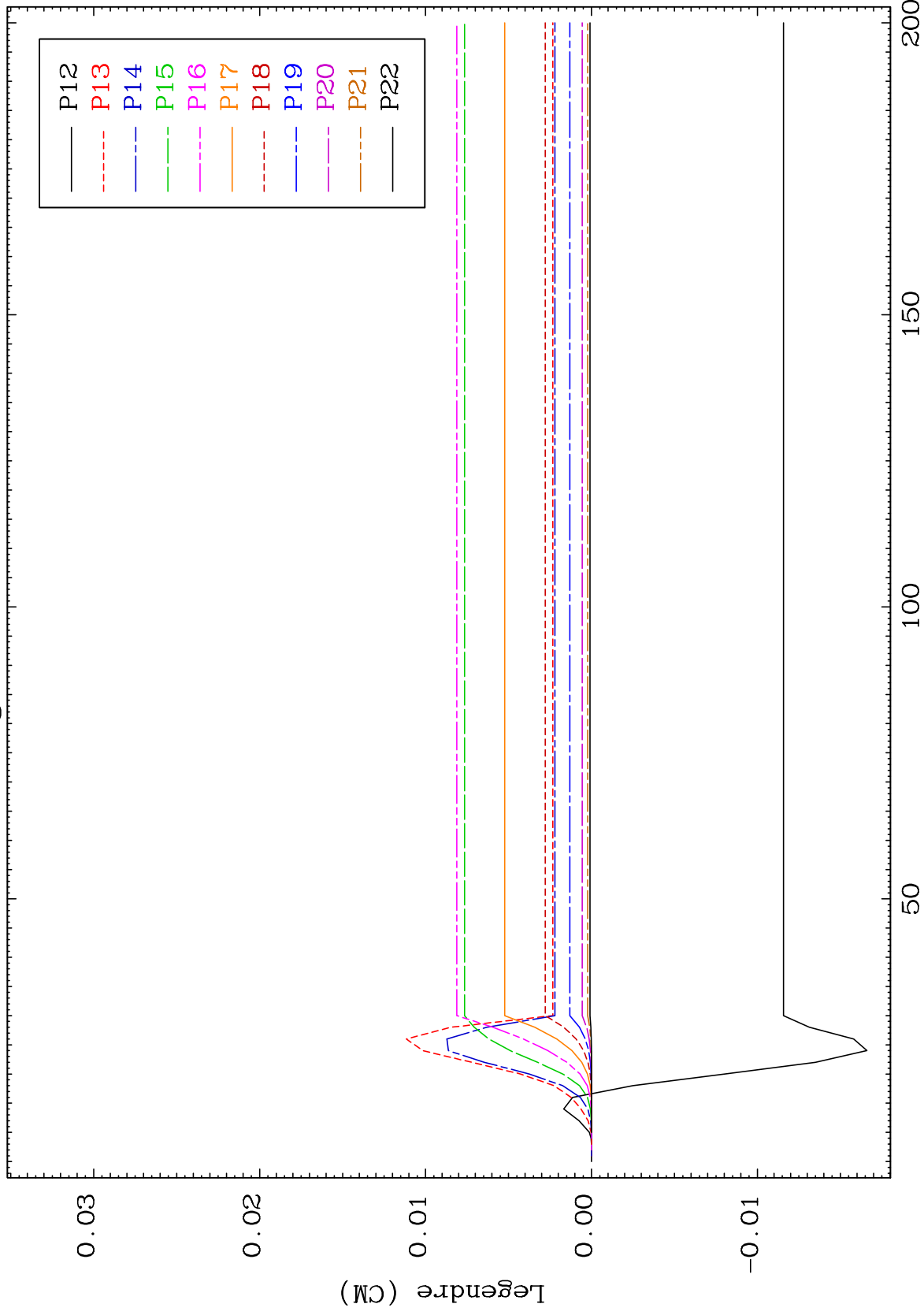
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



86

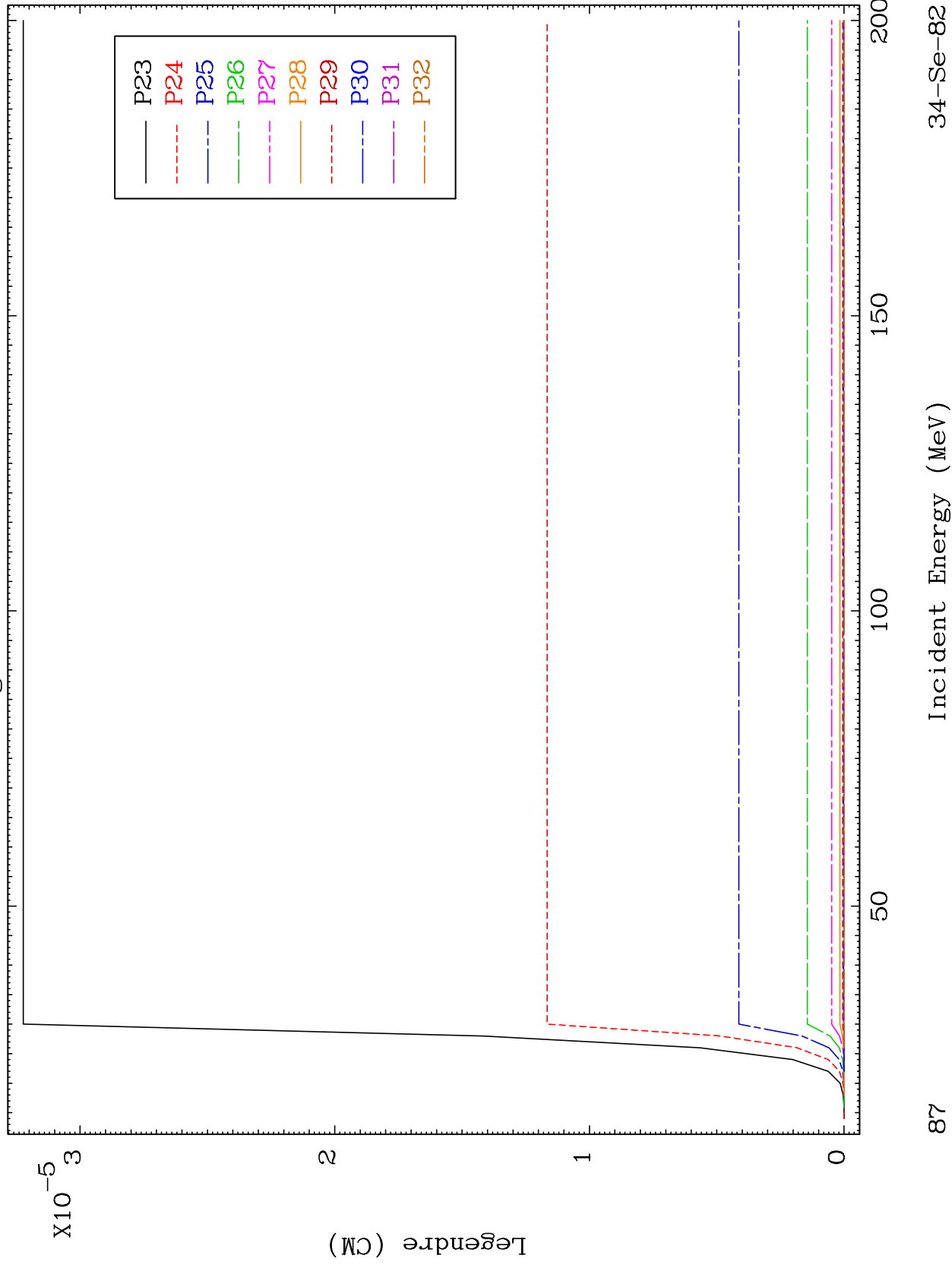
Incident Energy (MeV)

34-Se-82

MAT 3449

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

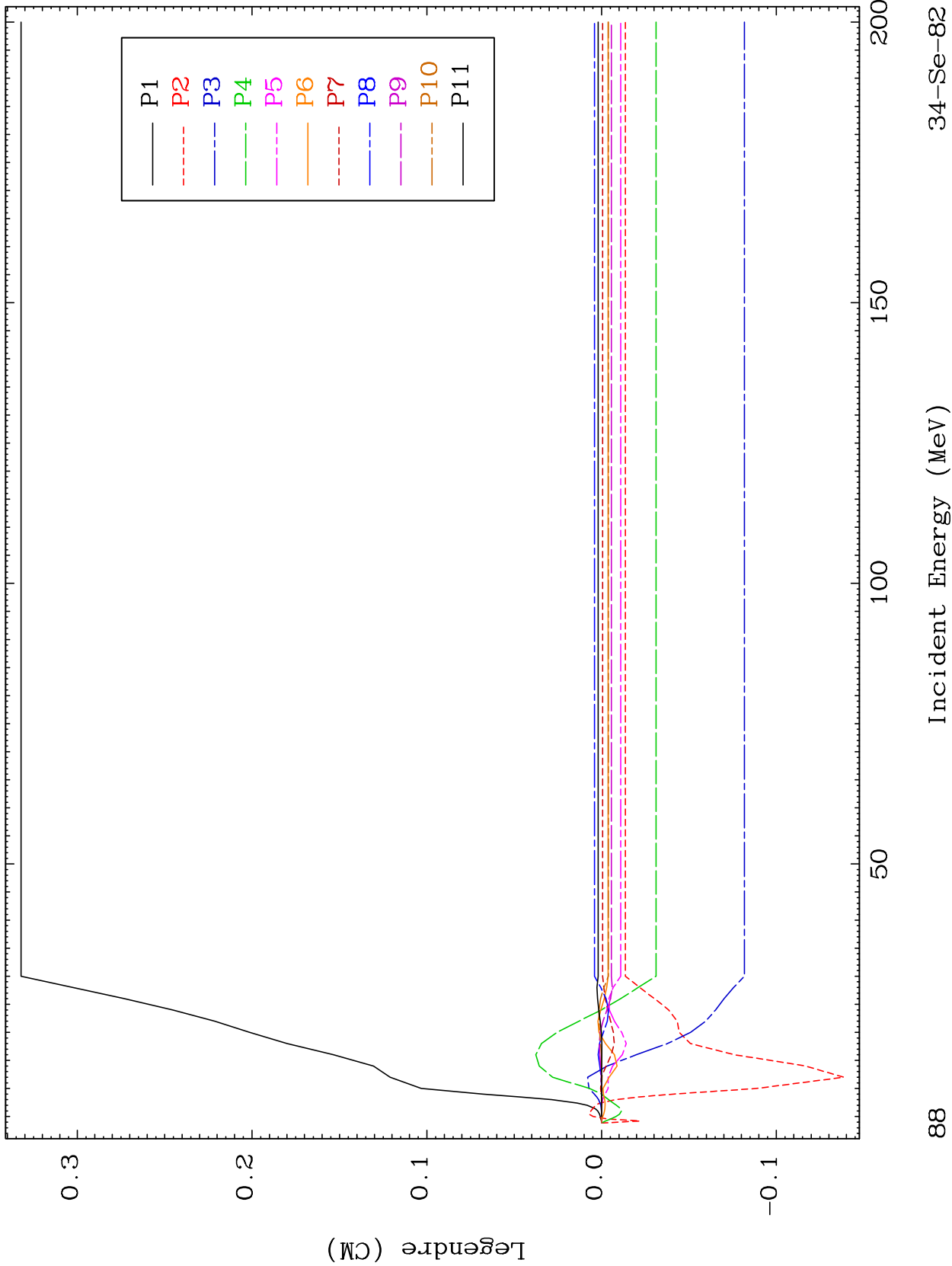
34-Se-82



MAT 3449

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

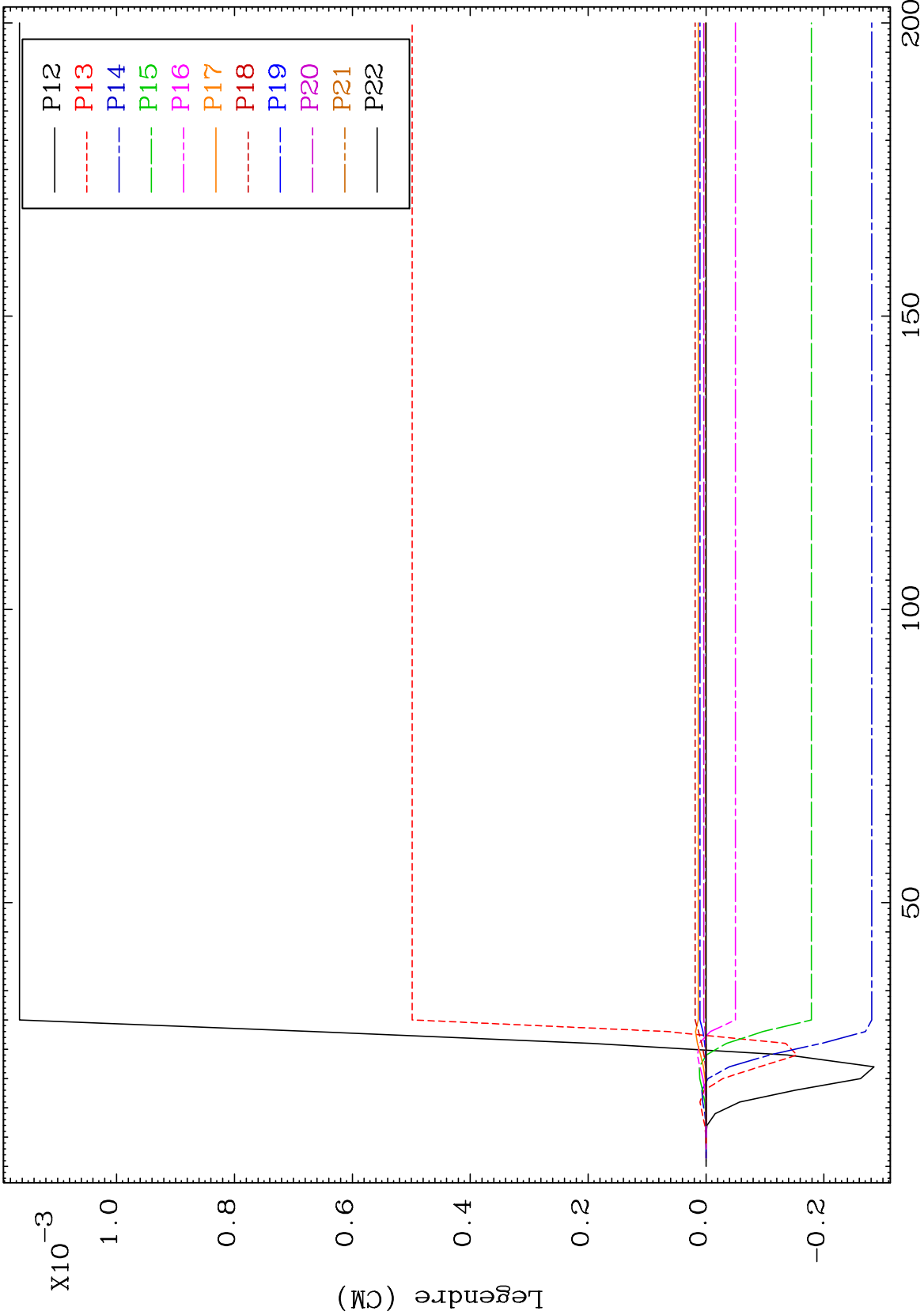
³⁴Se-82



88

Incident Energy (MeV)

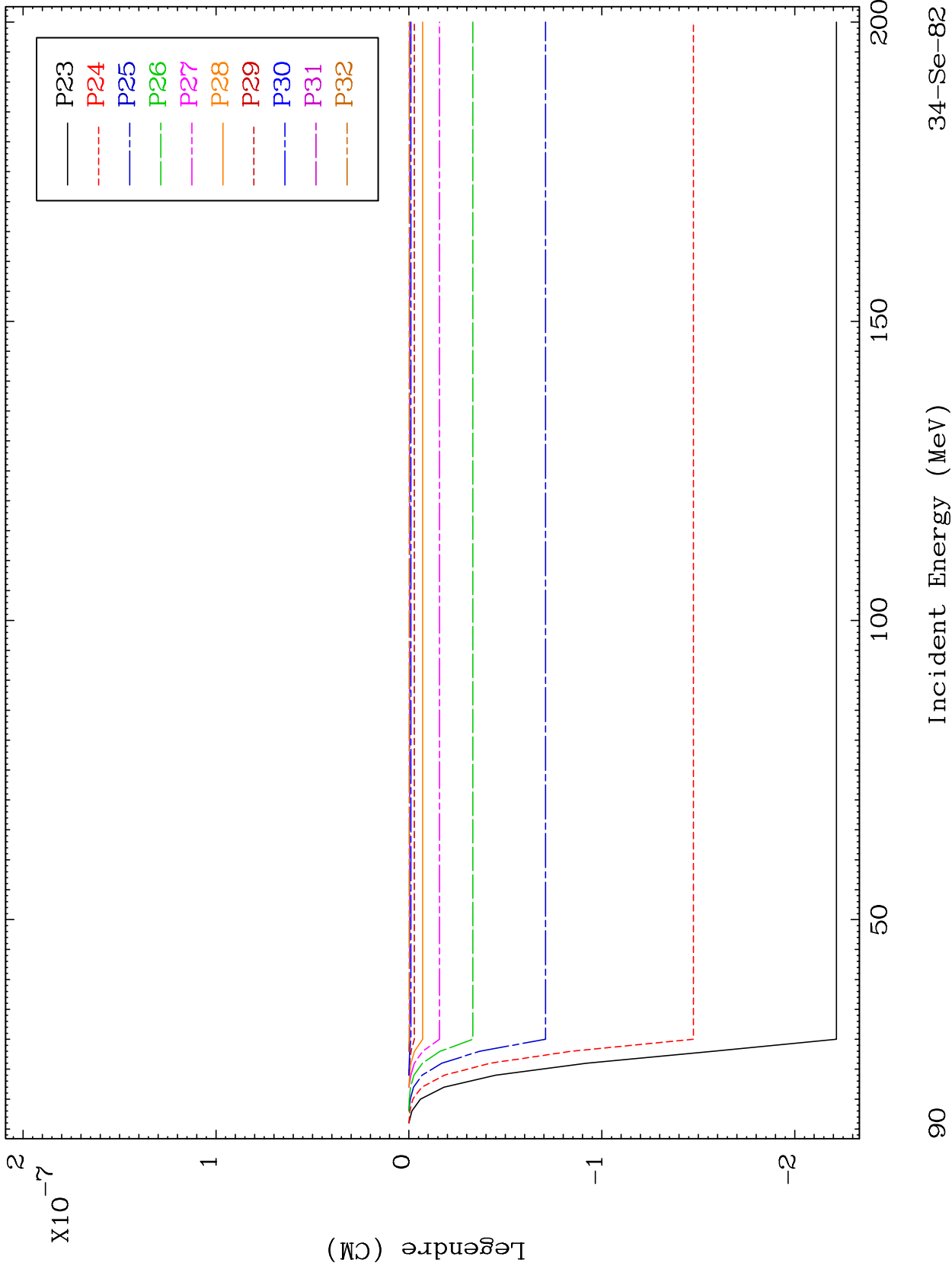
³⁴Se-82



MAT 3449

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

34-Se-82



90

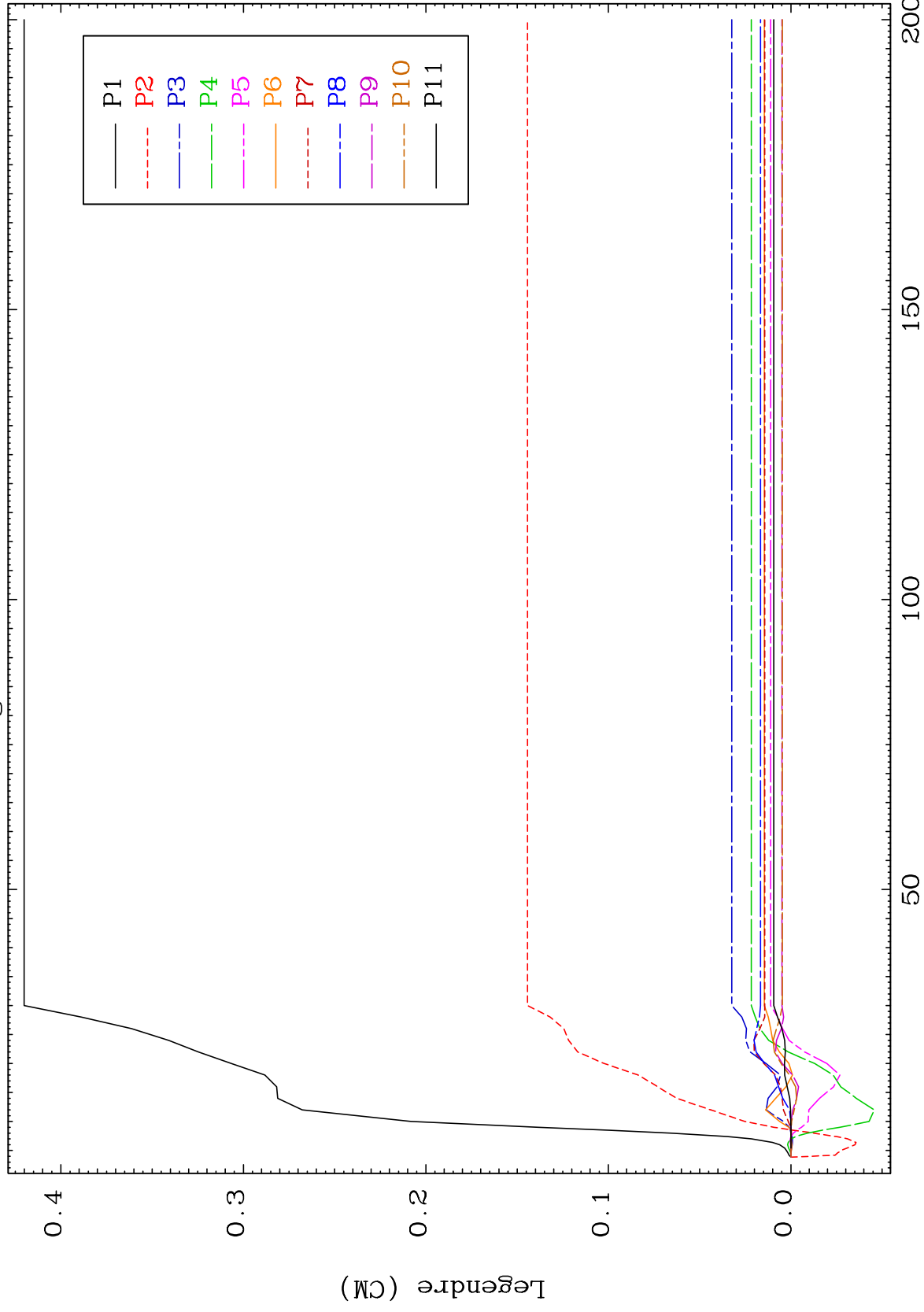
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



91

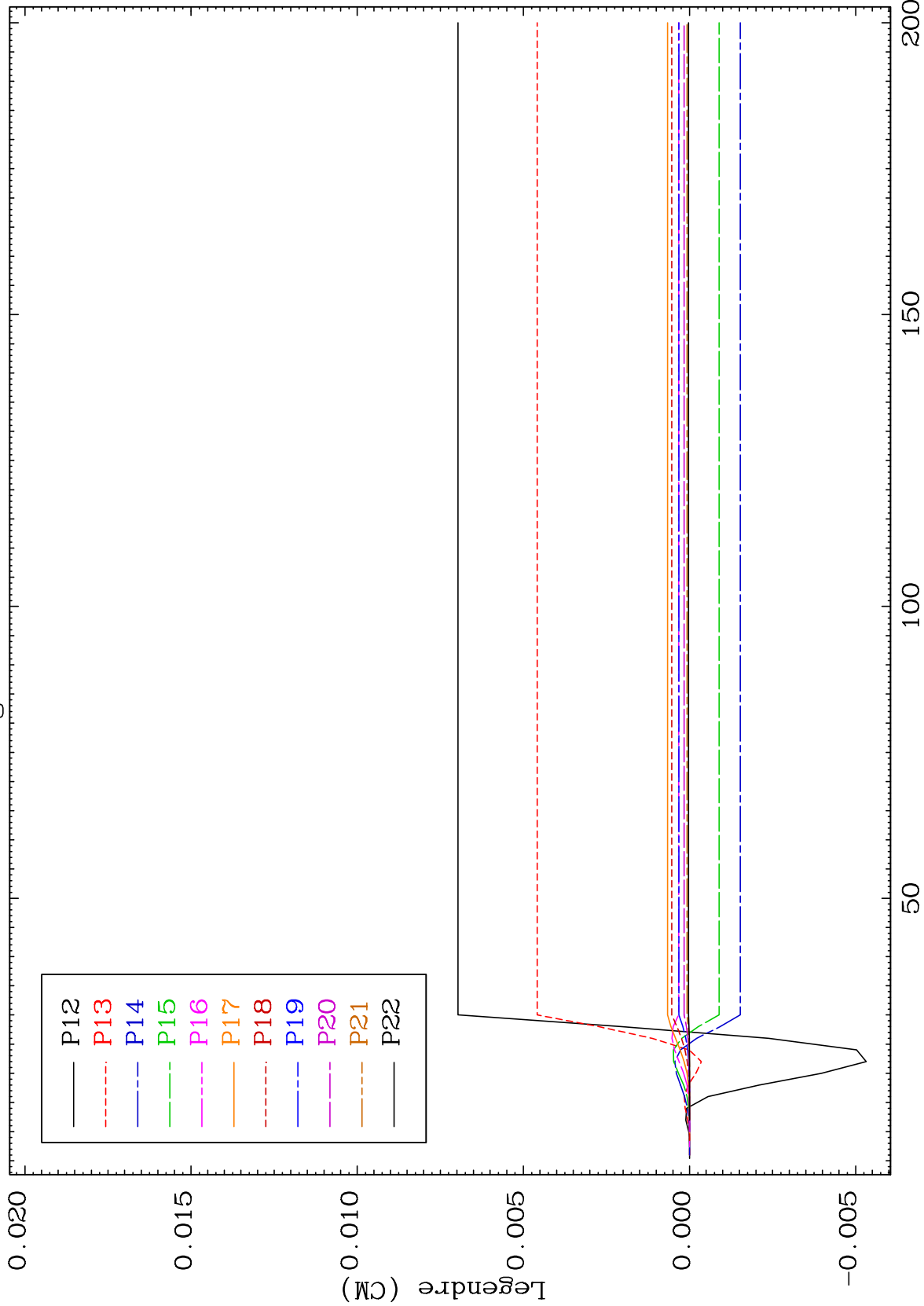
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

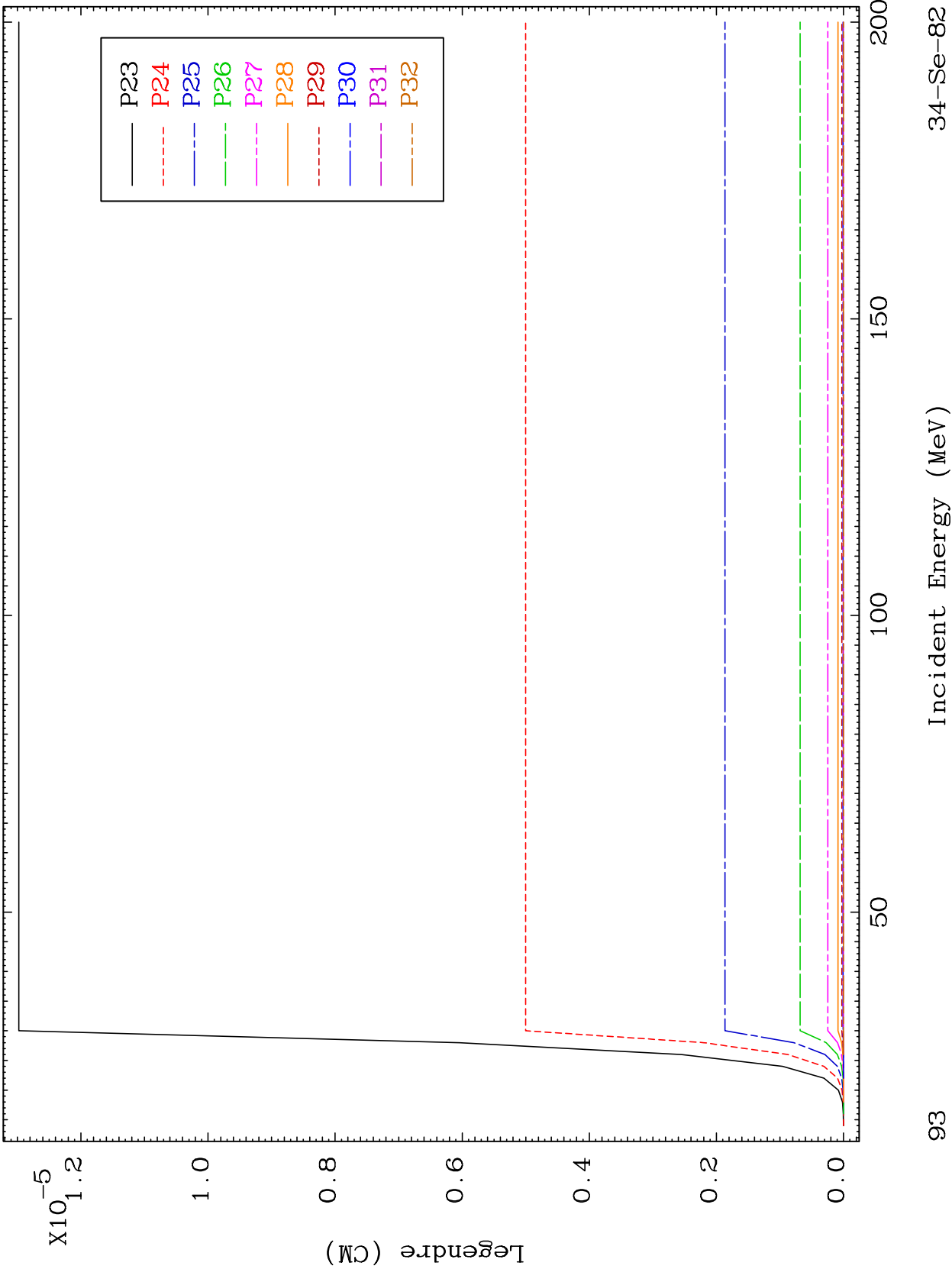
34-Se-82



MAT 3449

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

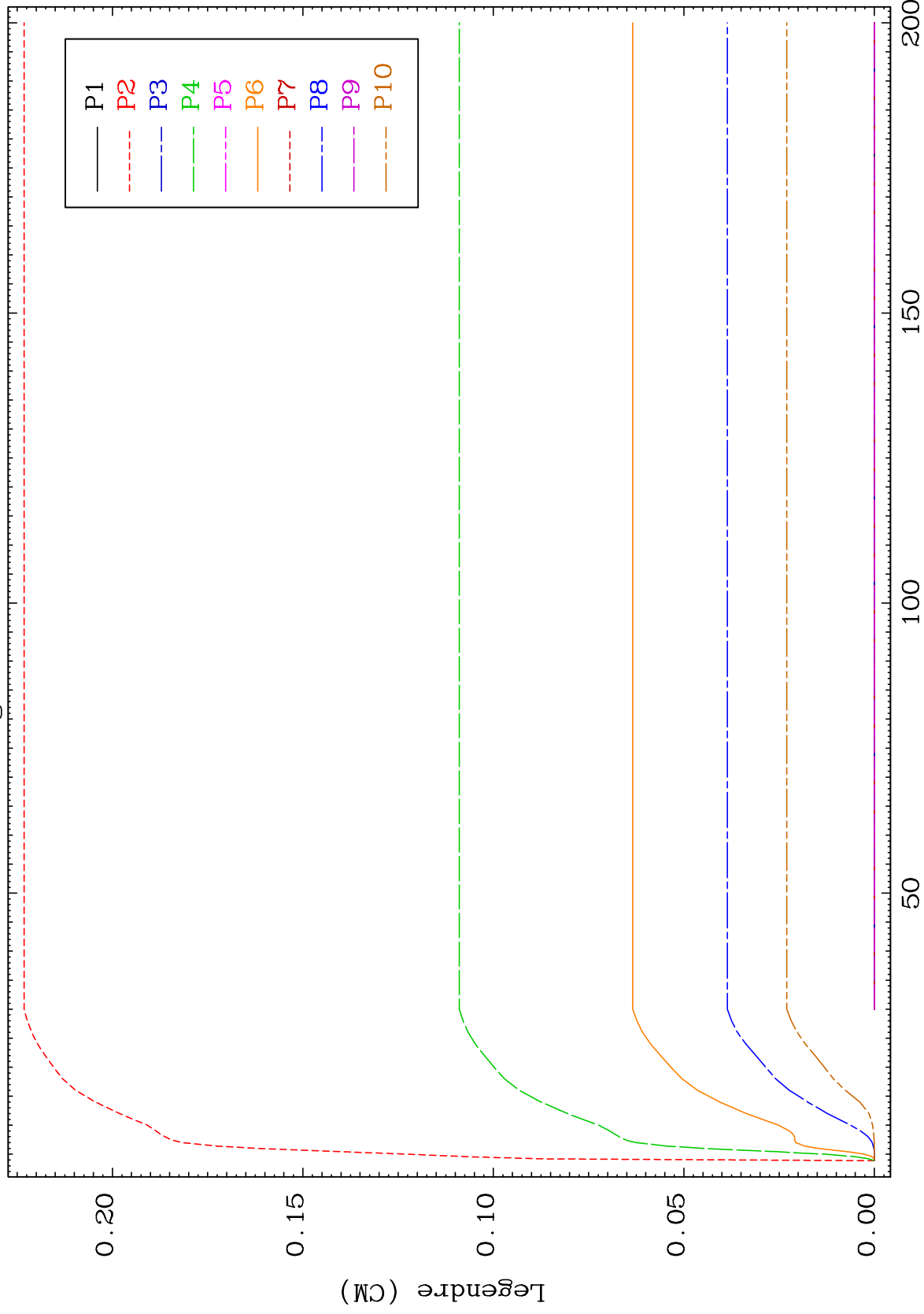
34-Se-82



MAT 3449

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

34-Se-82



94

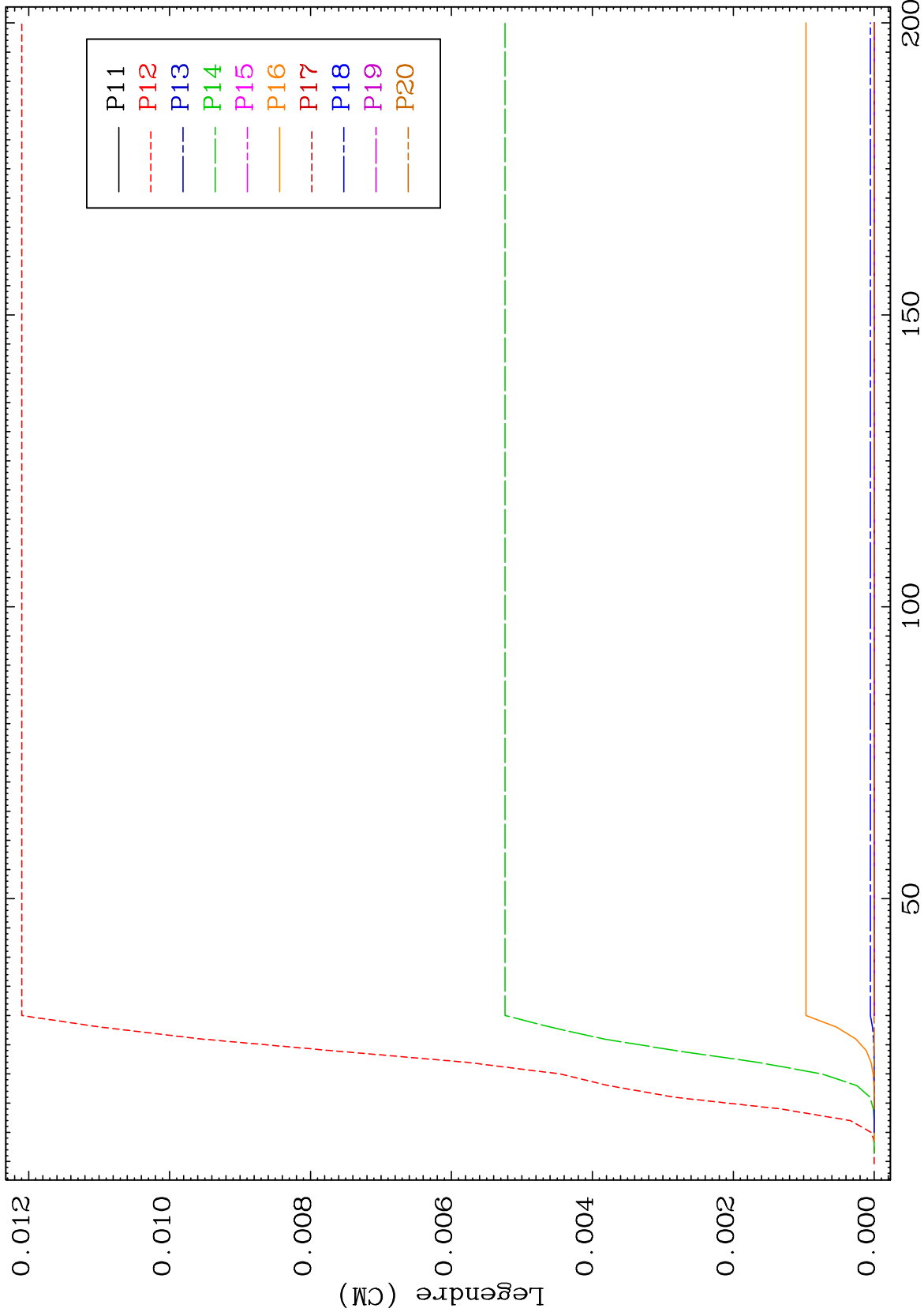
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



95

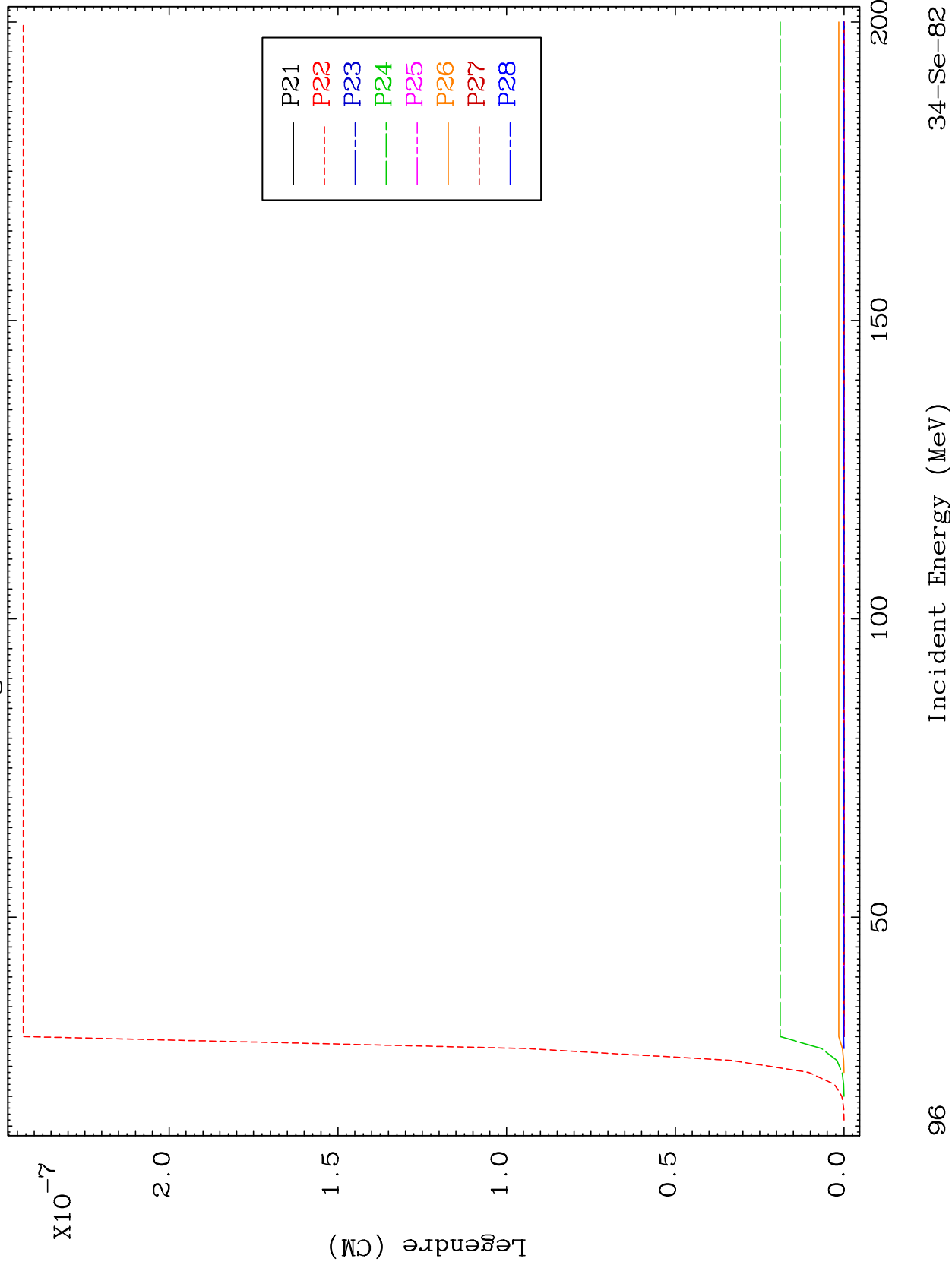
Incident Energy (MeV)

34-Se-82

MAT 3449

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

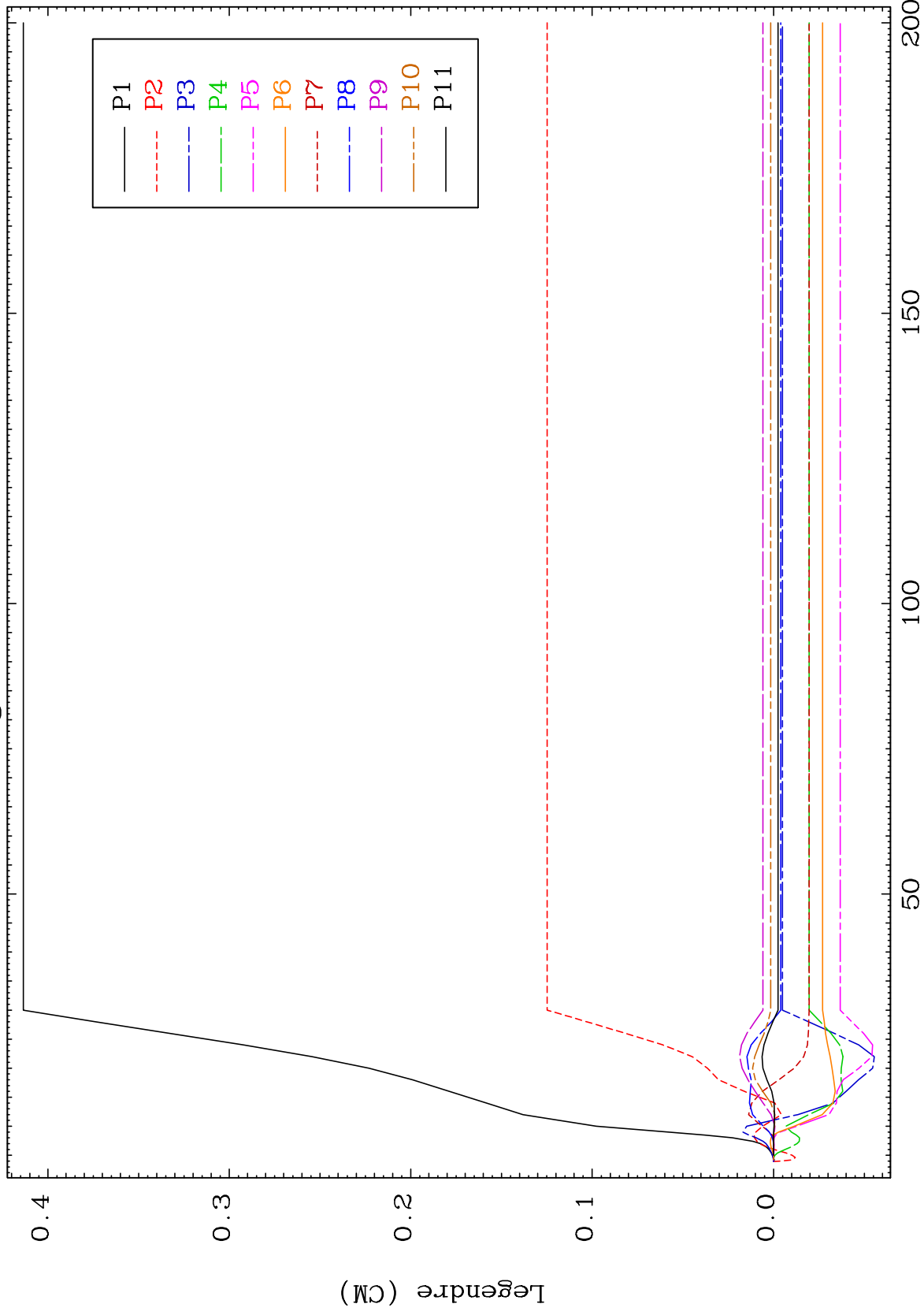
34-Se-82



MAT 3449

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

34-Se-82



97

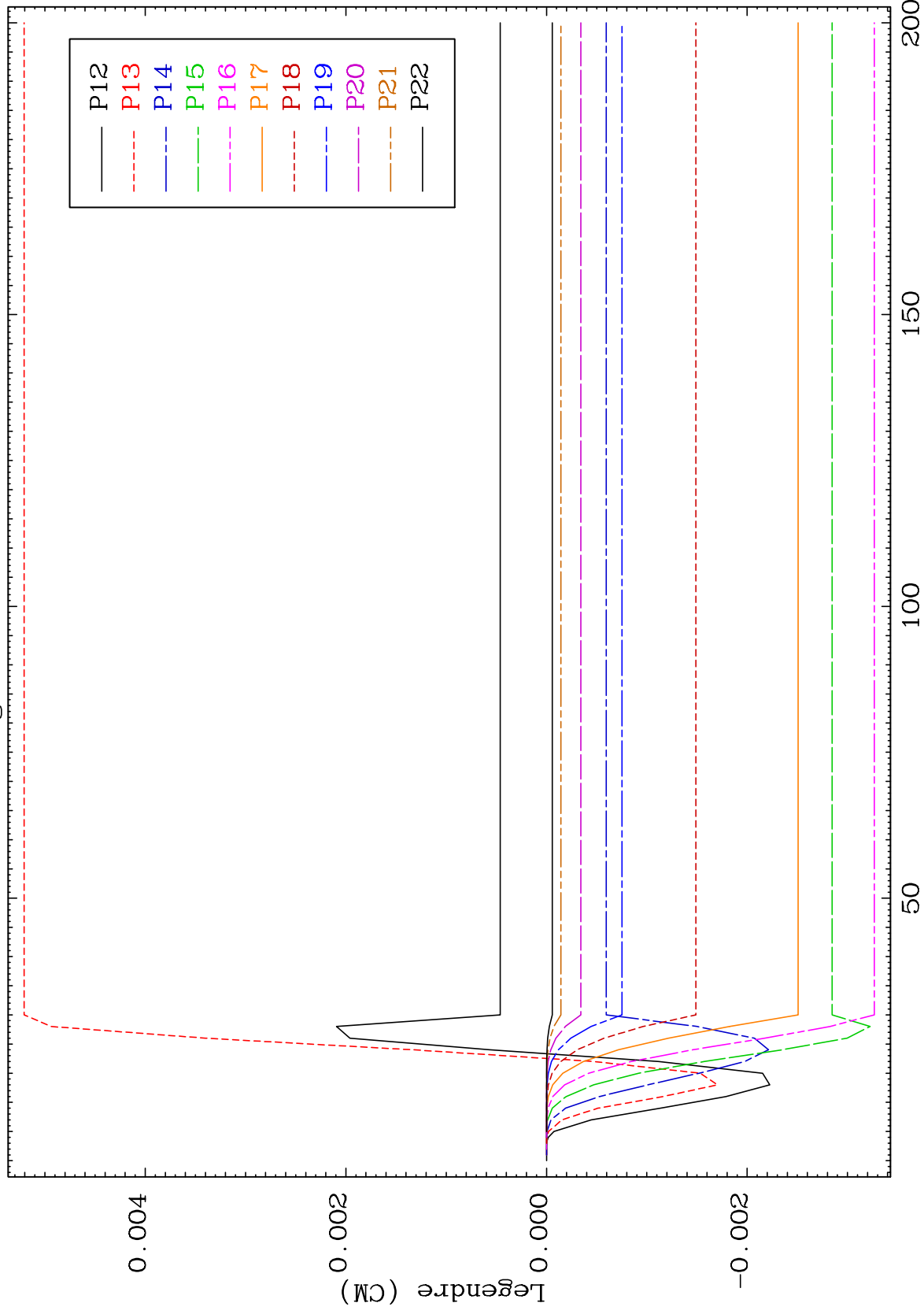
Incident Energy (MeV)

34-Se-82

MAT 3449

34-Se-82

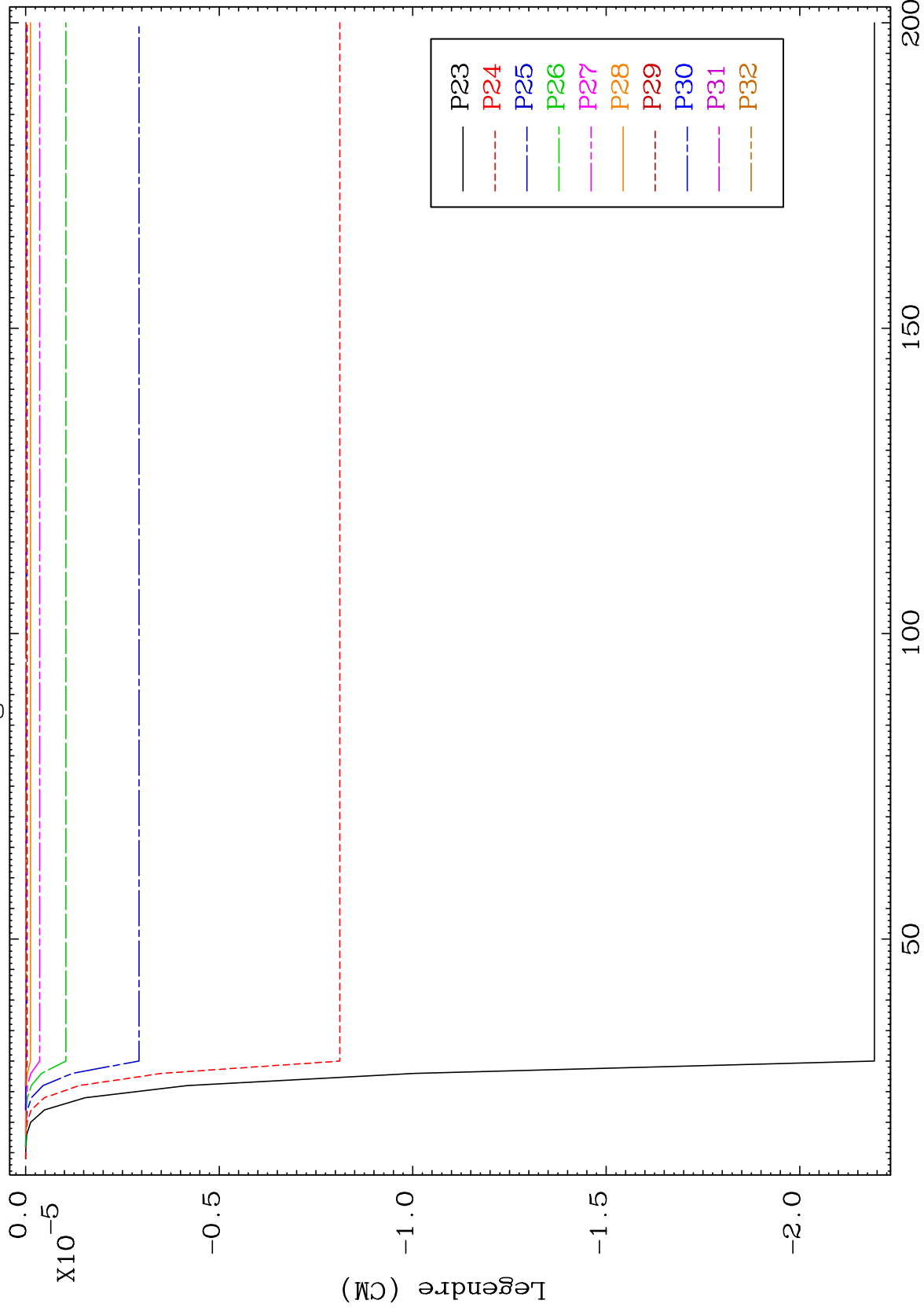
MT= 75 (n,n') Level
Legendre Coefficients



MAT 3449

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

34-Se-82



99

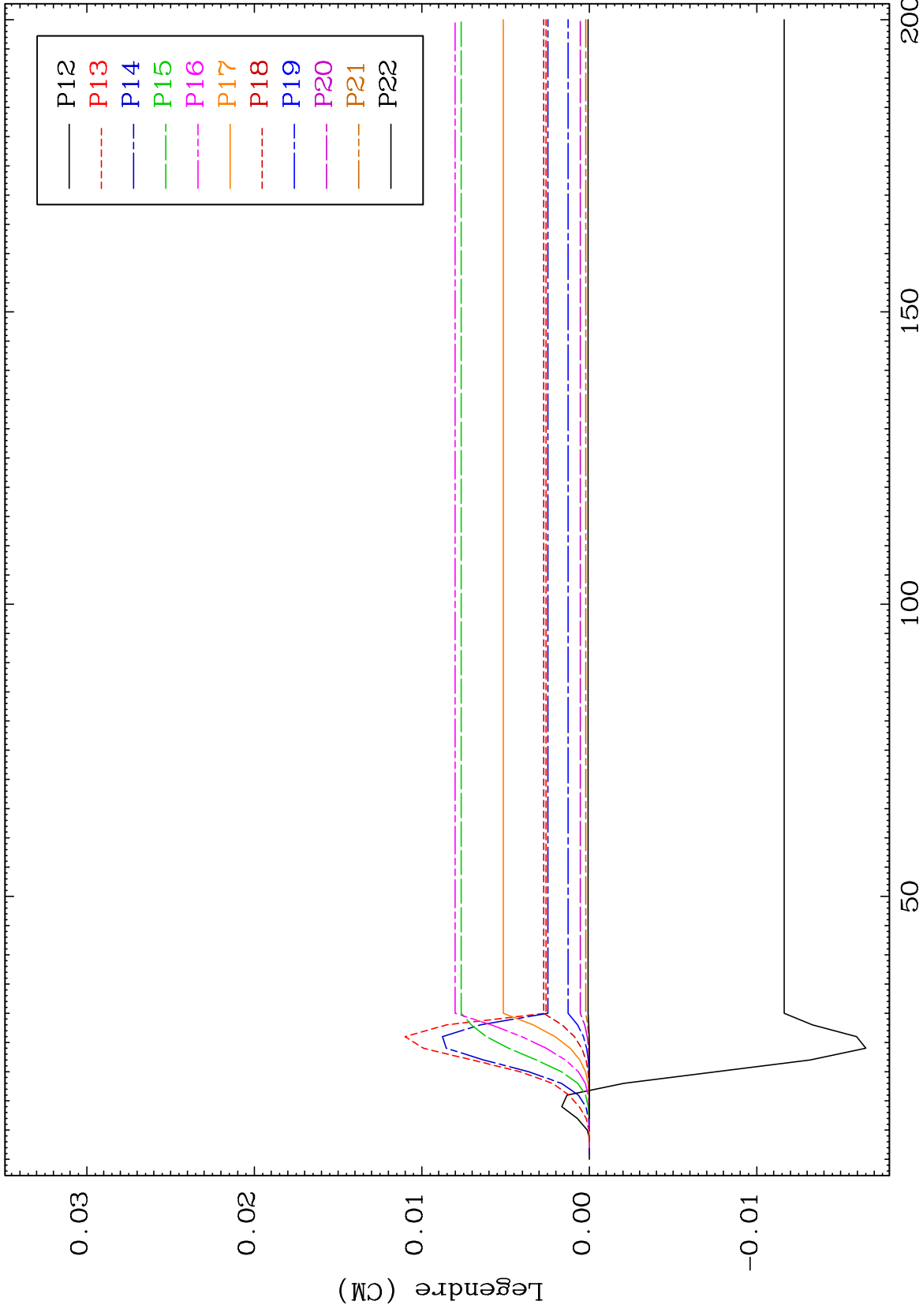
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



101

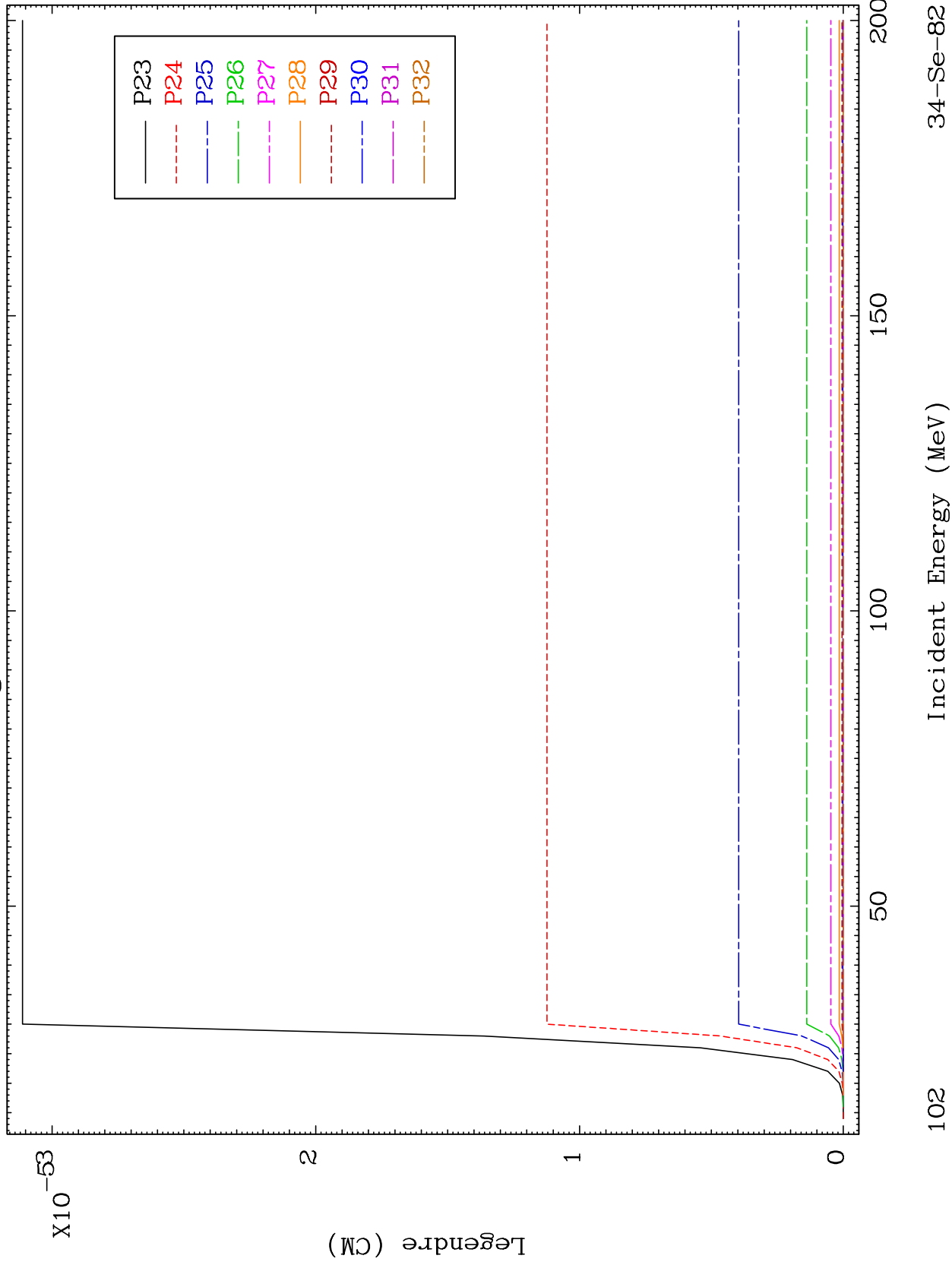
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

³⁴Se-82

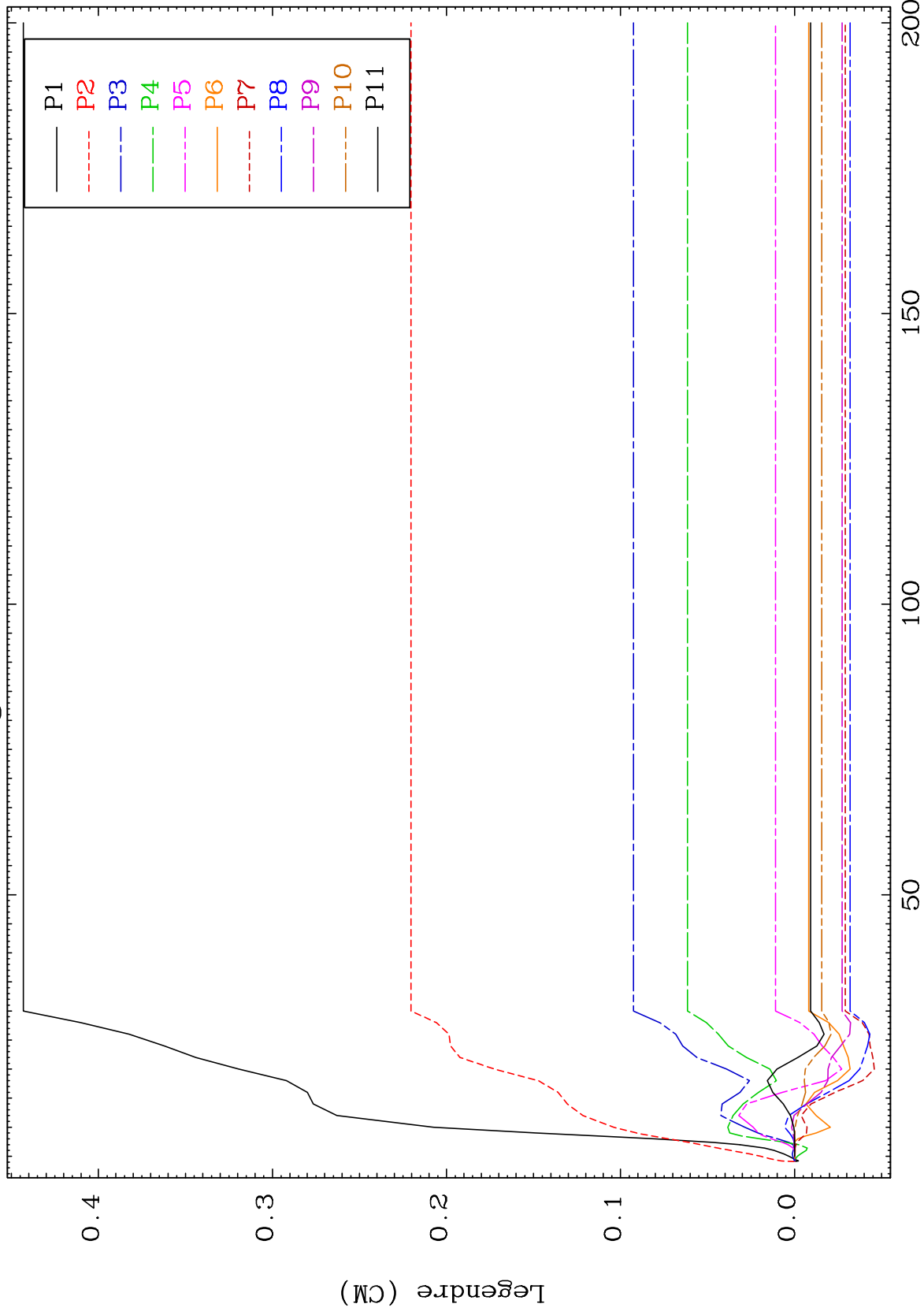


102

MAT 3449

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

³⁴Se-82



103

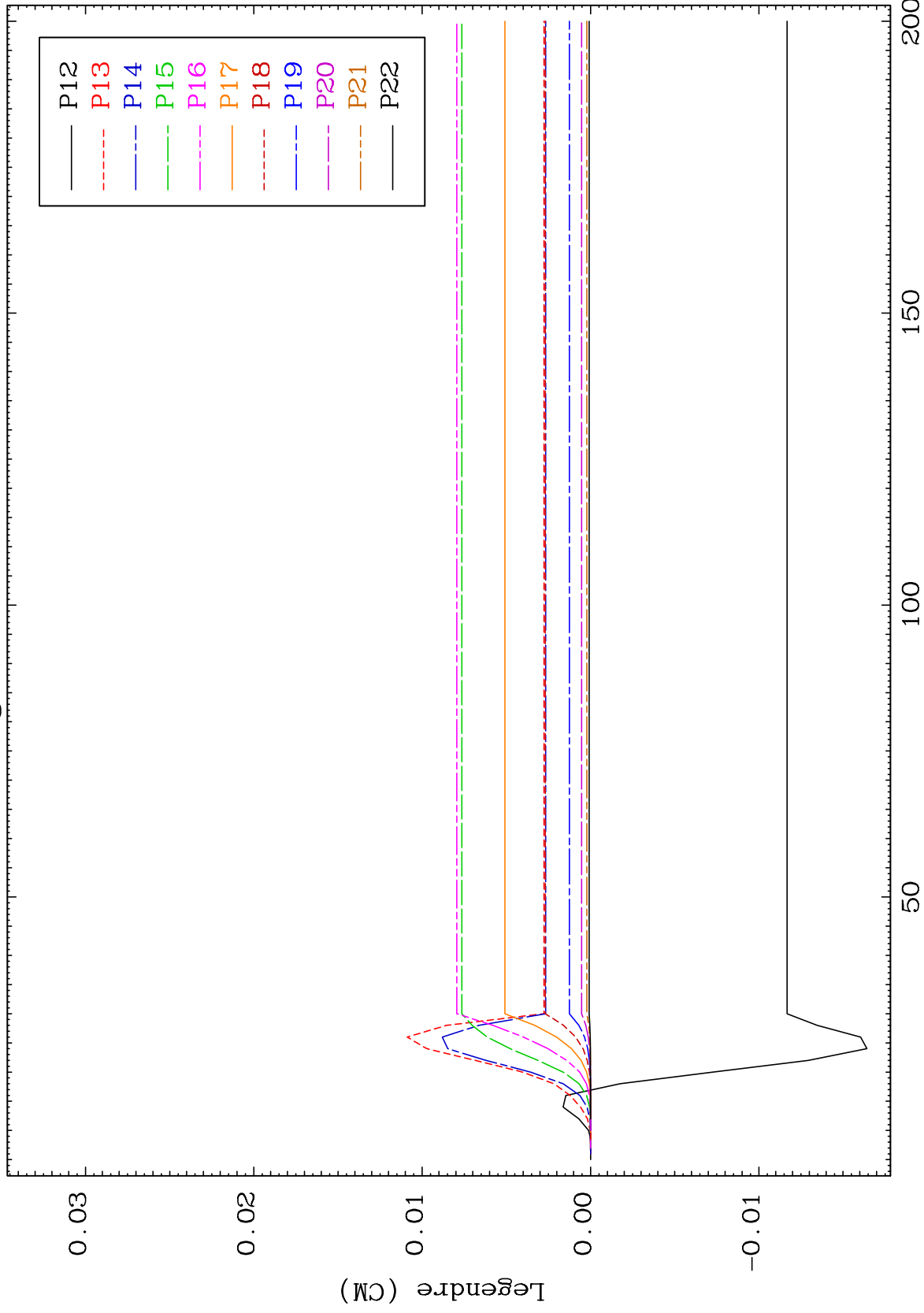
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



104

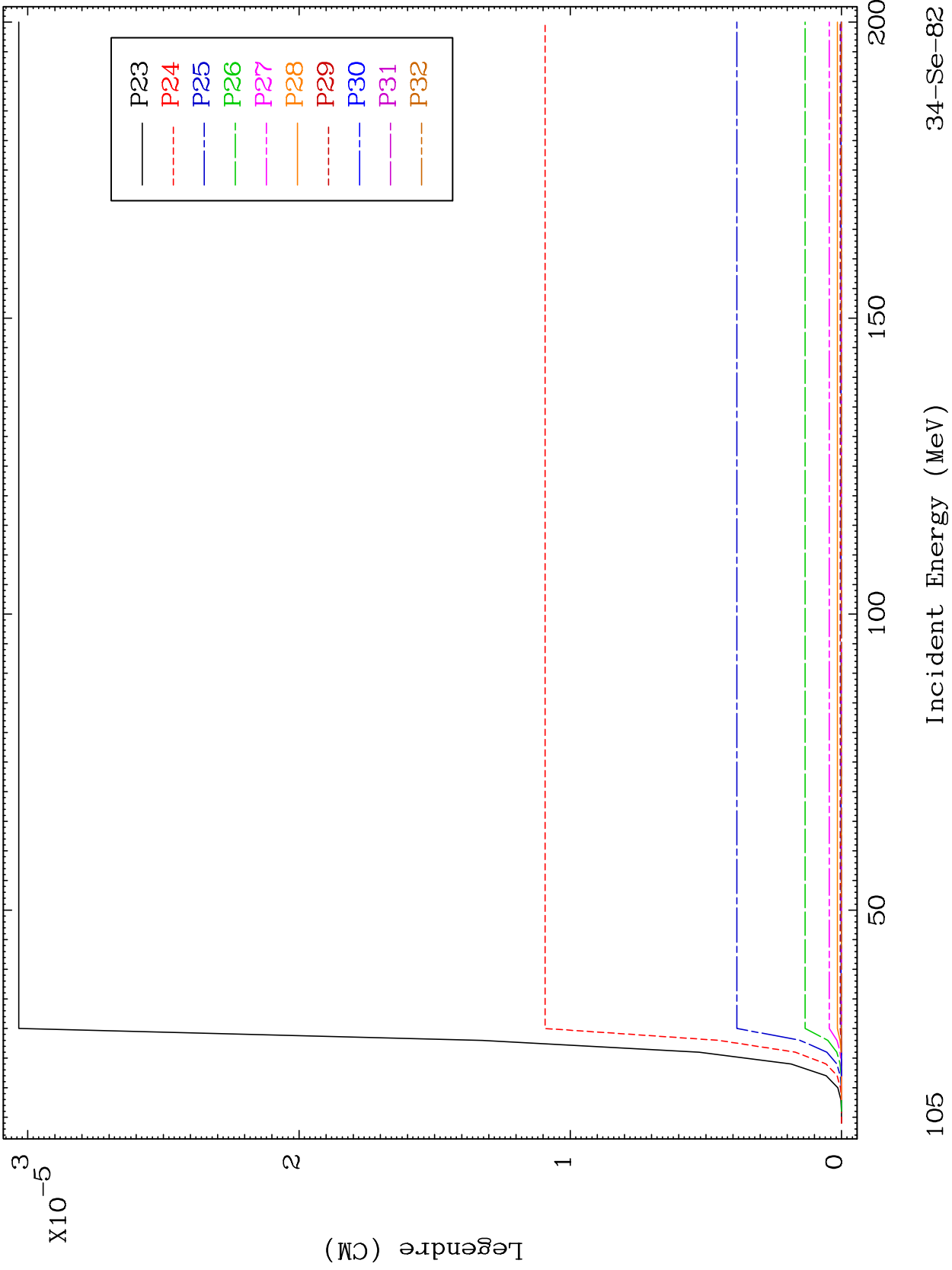
Incident Energy (MeV)

34-Se-82

MAT 3449

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

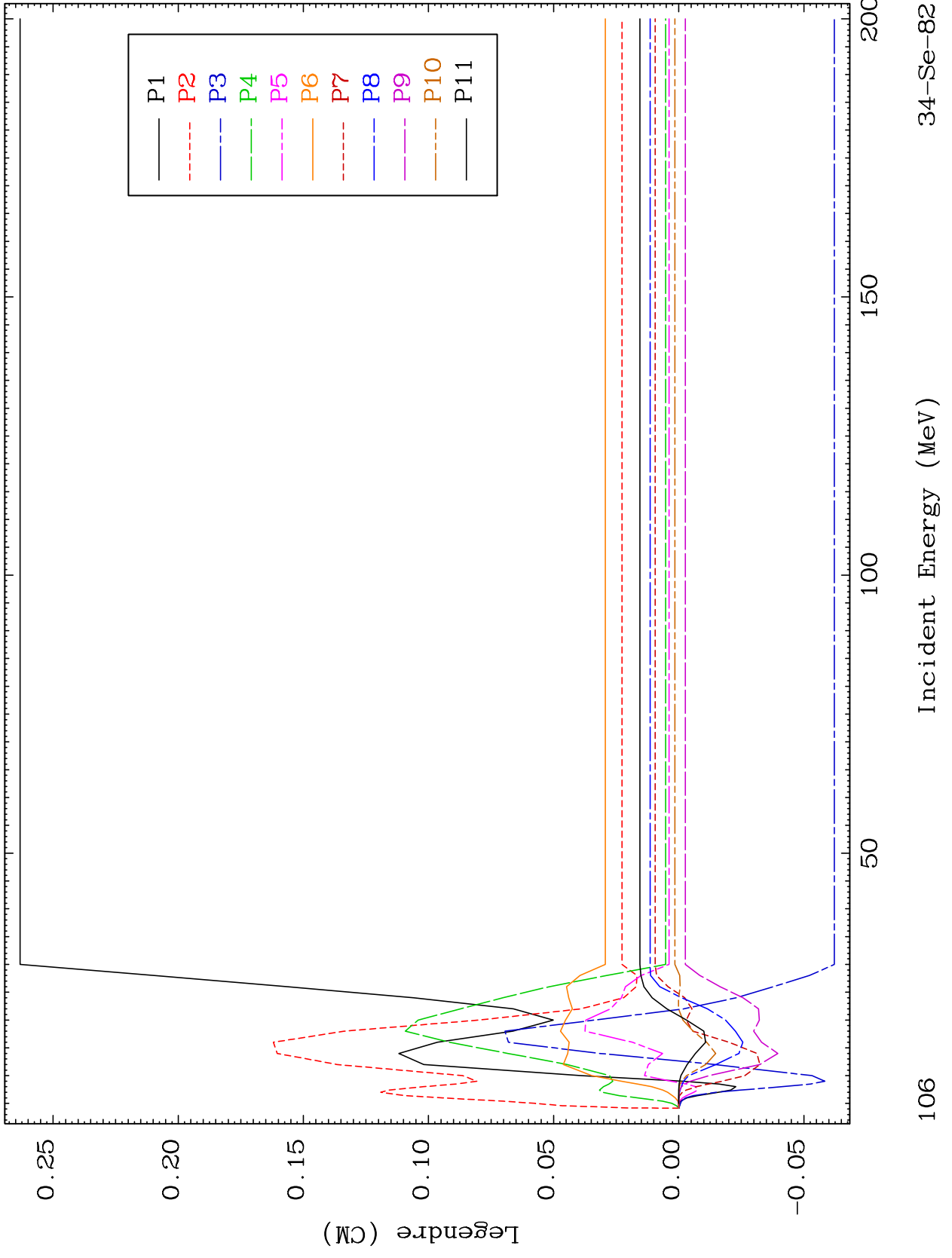
³⁴Se-82



MAT 3449

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

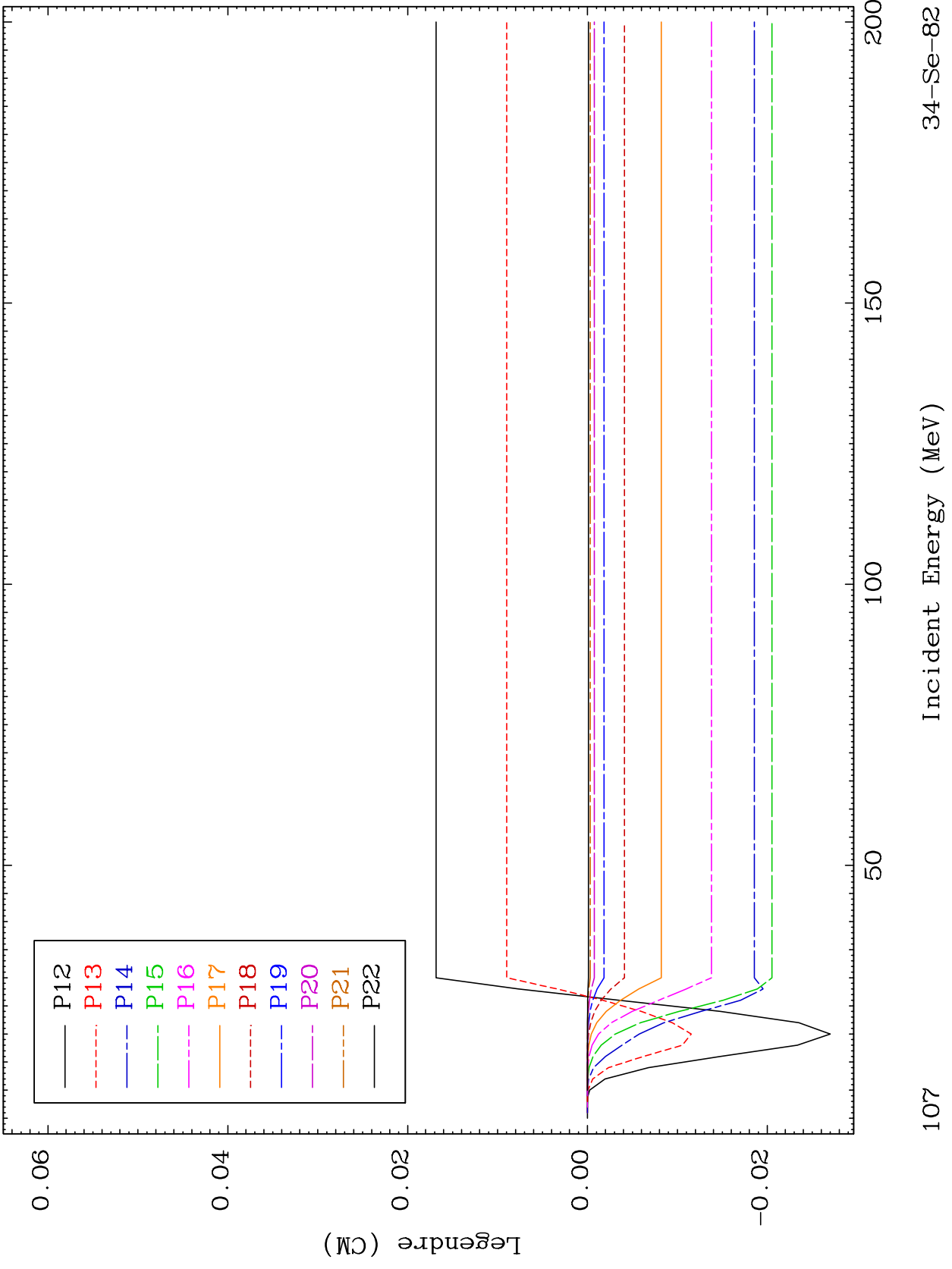
³⁴Se-82



MAT 3449

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

34-Se-82



107

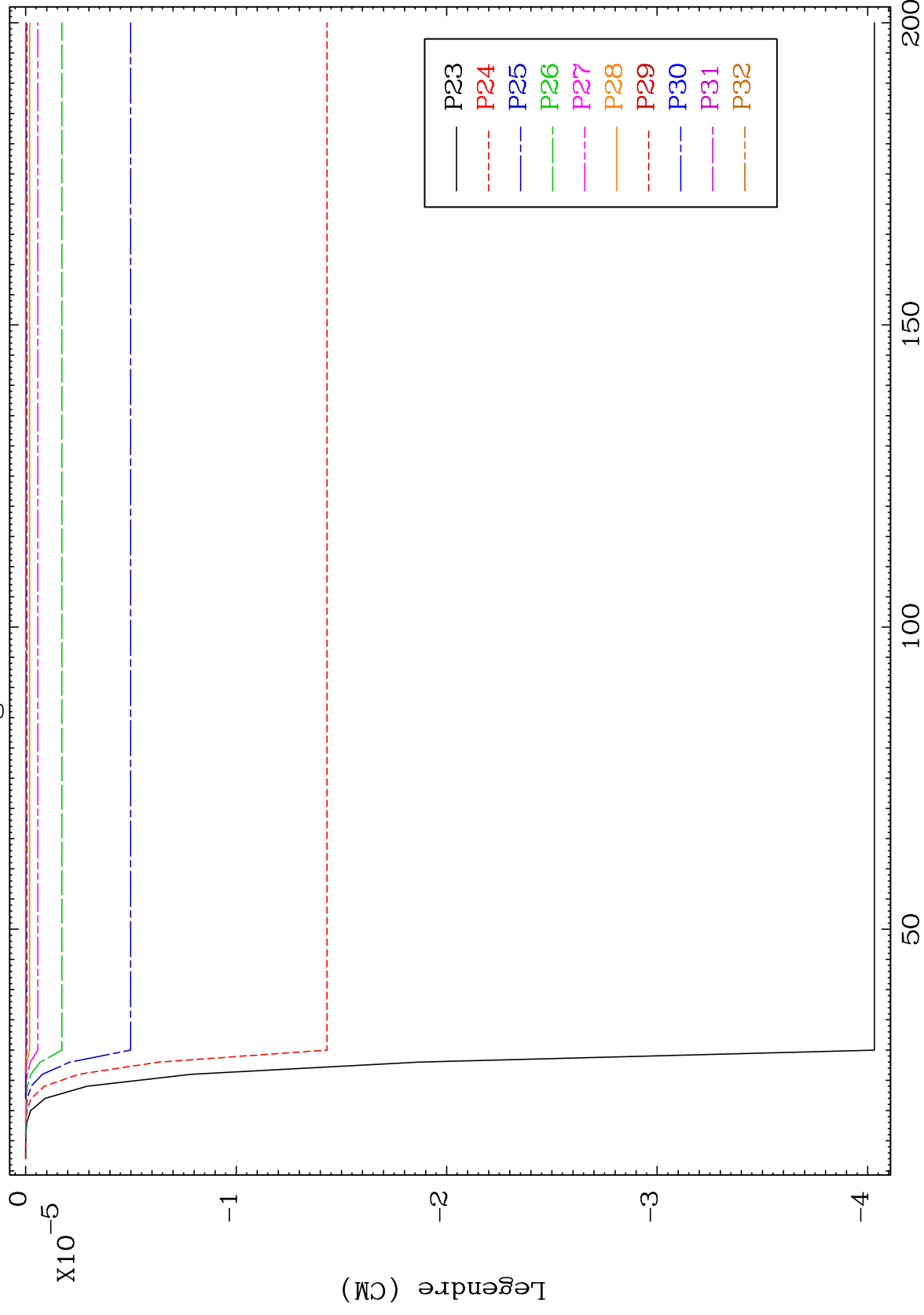
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



108

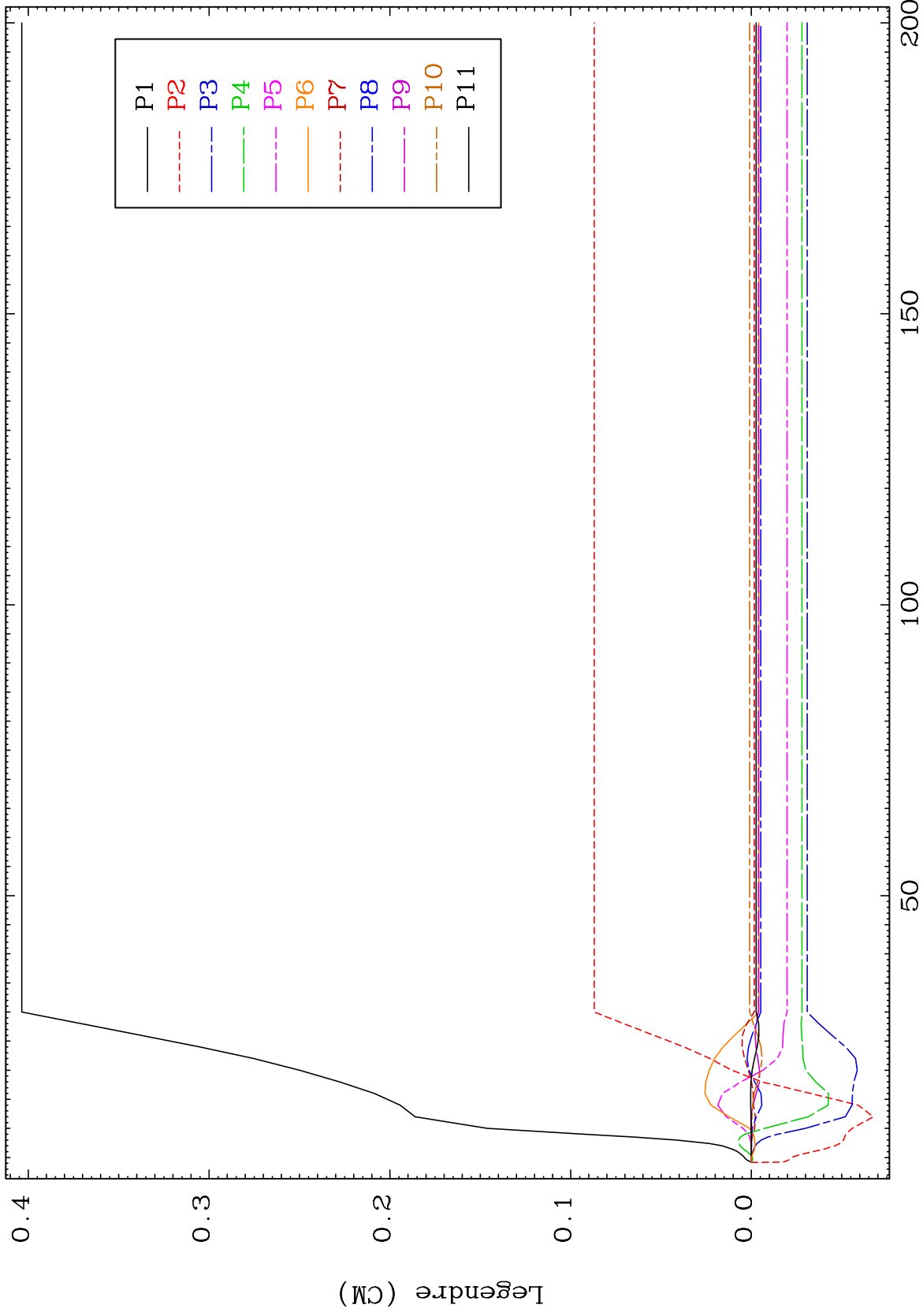
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



109

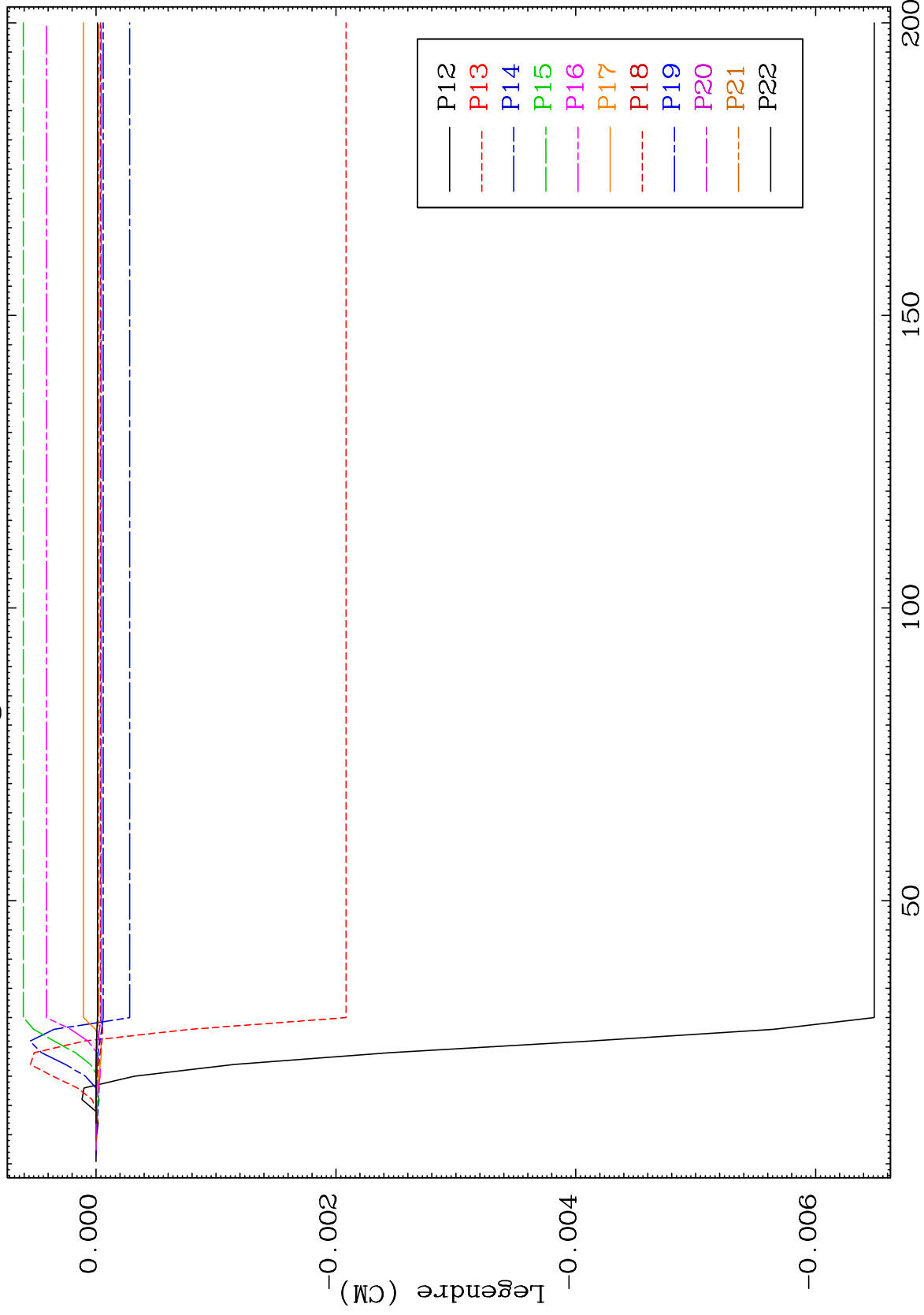
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



110

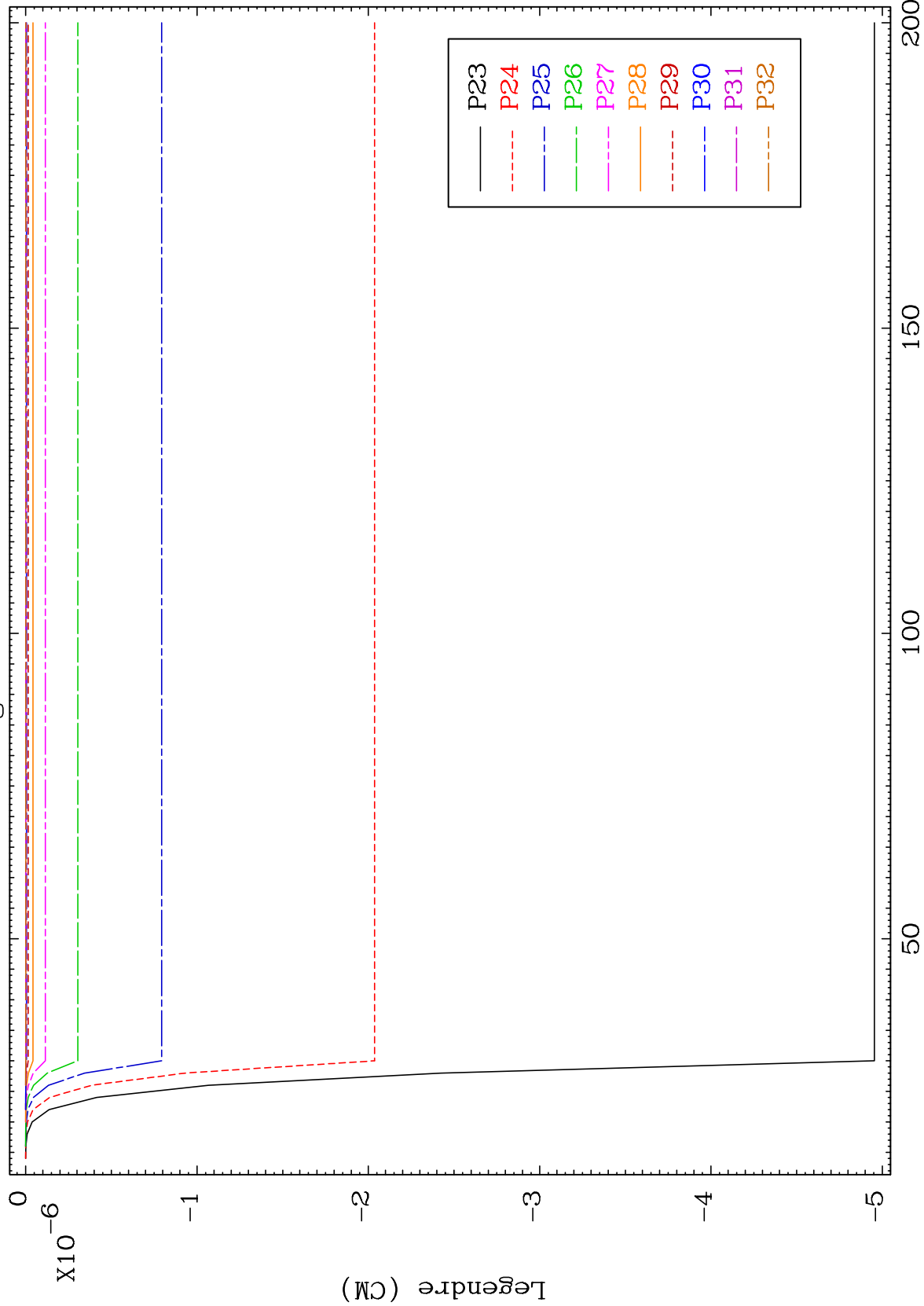
Incident Energy (MeV)

34-Se-82

MAT 3449

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

34-Se-82



111

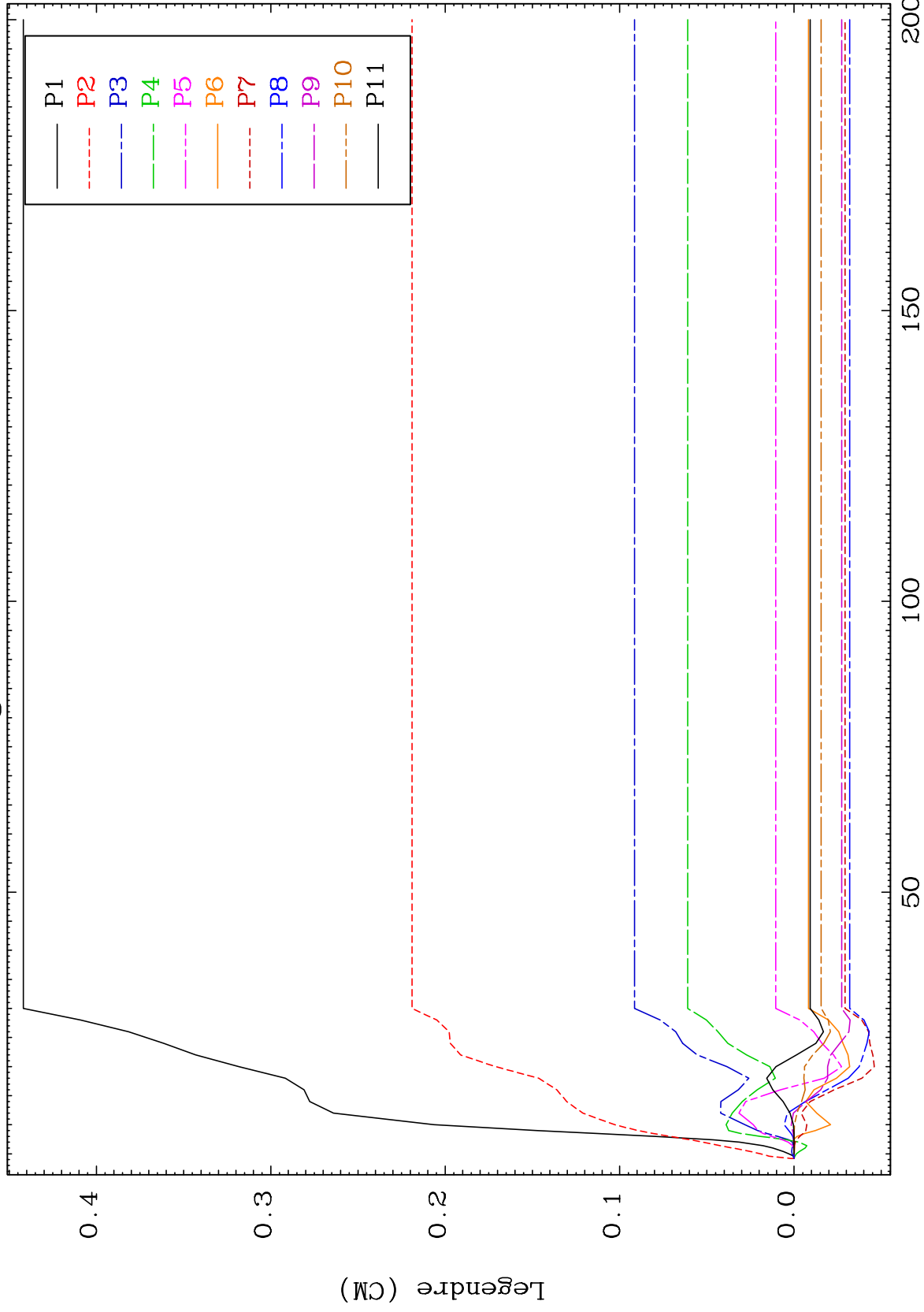
Incident Energy (MeV)

34-Se-82

MAT 3449

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

³⁴Se-82



112

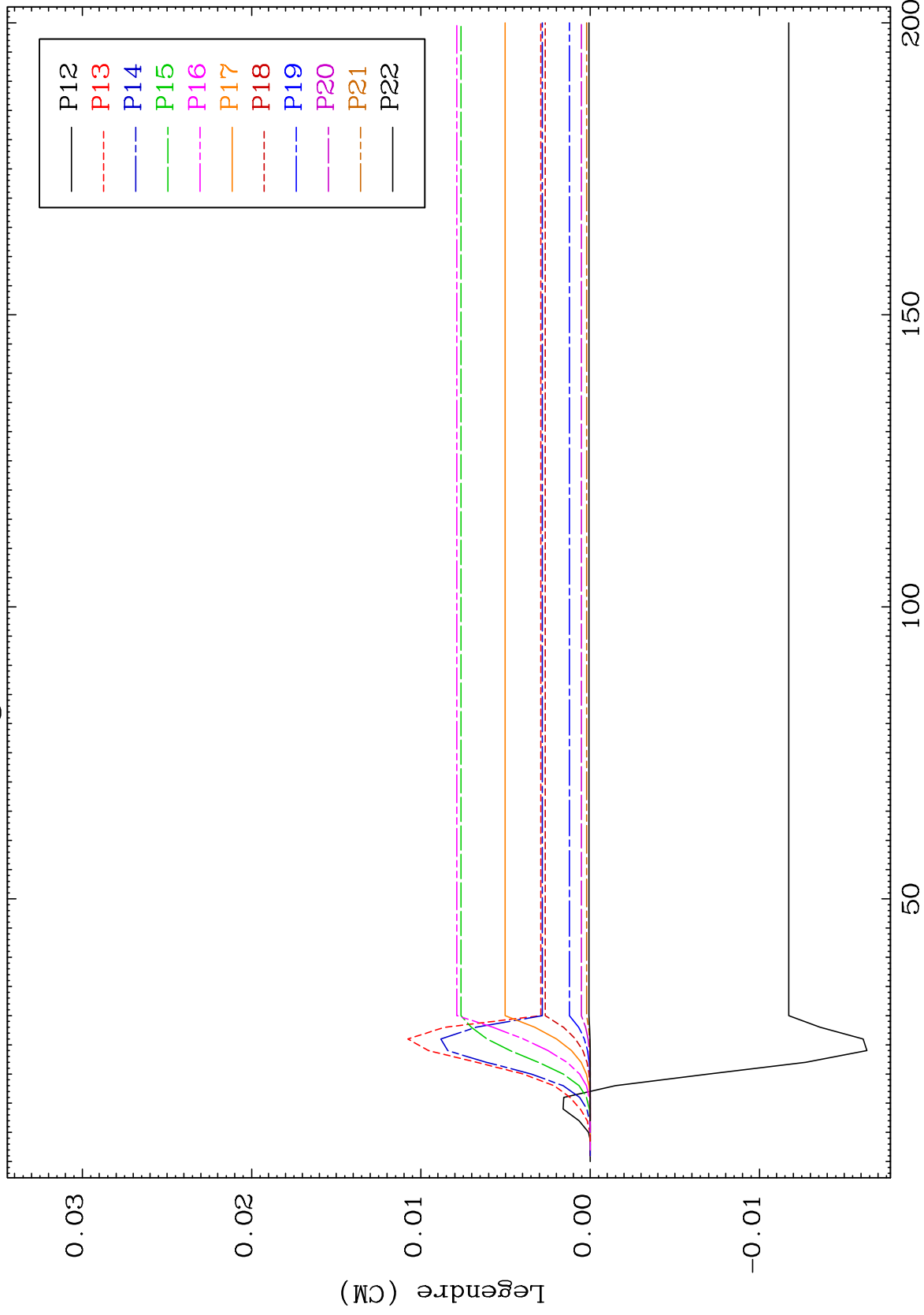
Incident Energy (MeV)

³⁴Se-82

MAT 3449

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

34-Se-82



113

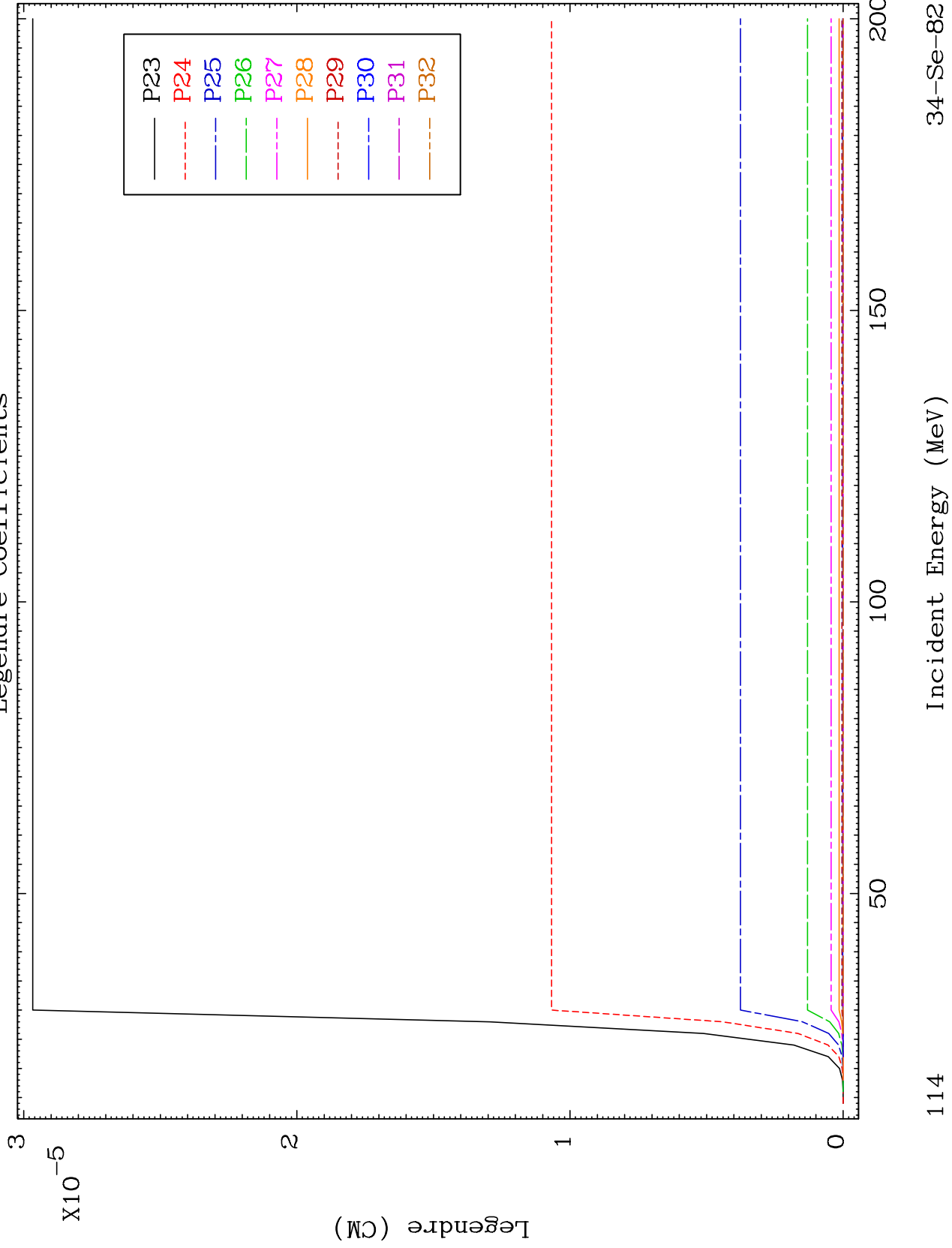
Incident Energy (MeV)

34-Se-82

MAT 3449

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

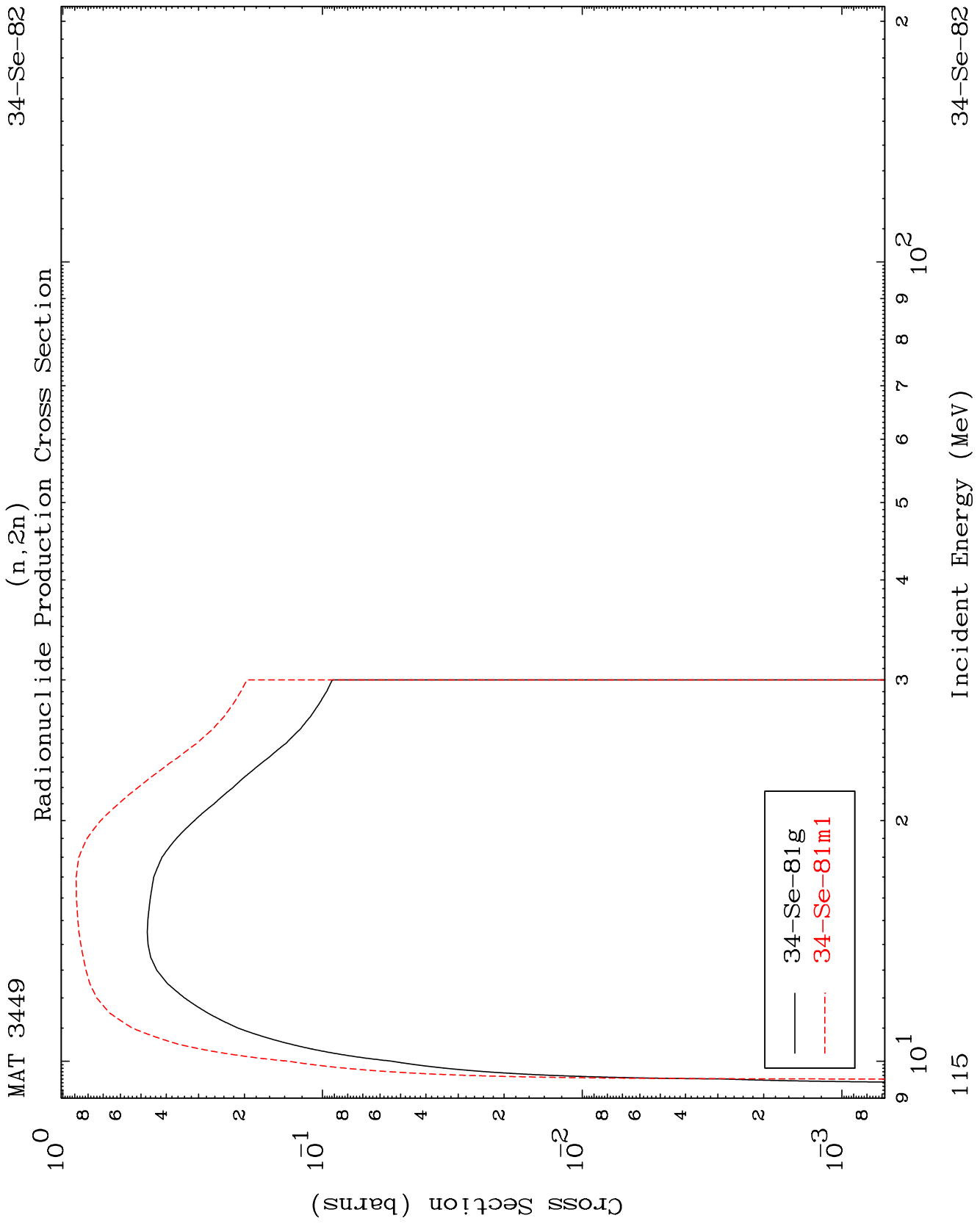
³⁴Se-82



114

Incident Energy (MeV)

³⁴Se-82

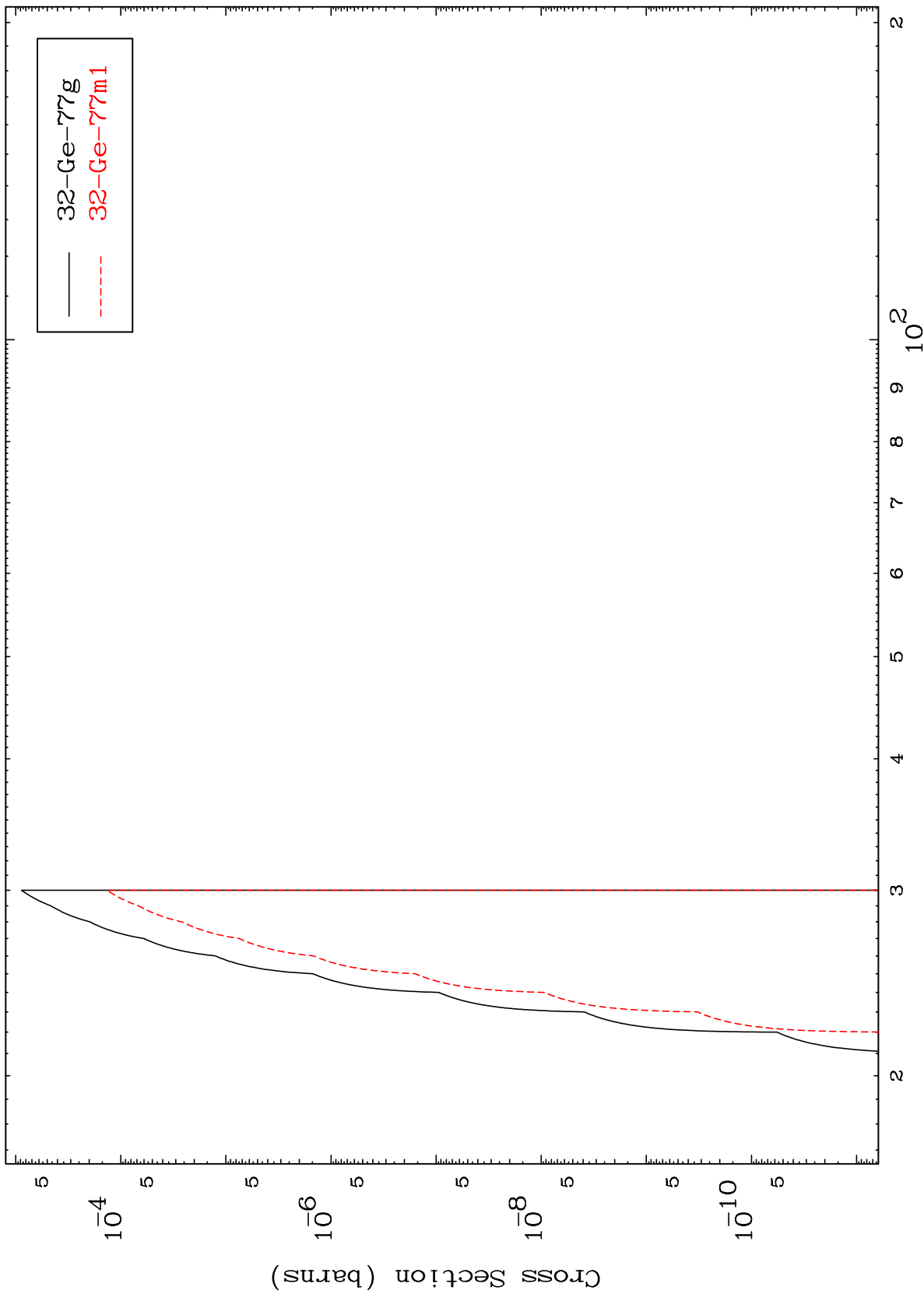


MAT 3449

$(n,2n) \alpha$

$^{34}\text{Se-82}$

Radionuclide Production Cross Section



116

Incident Energy (MeV)

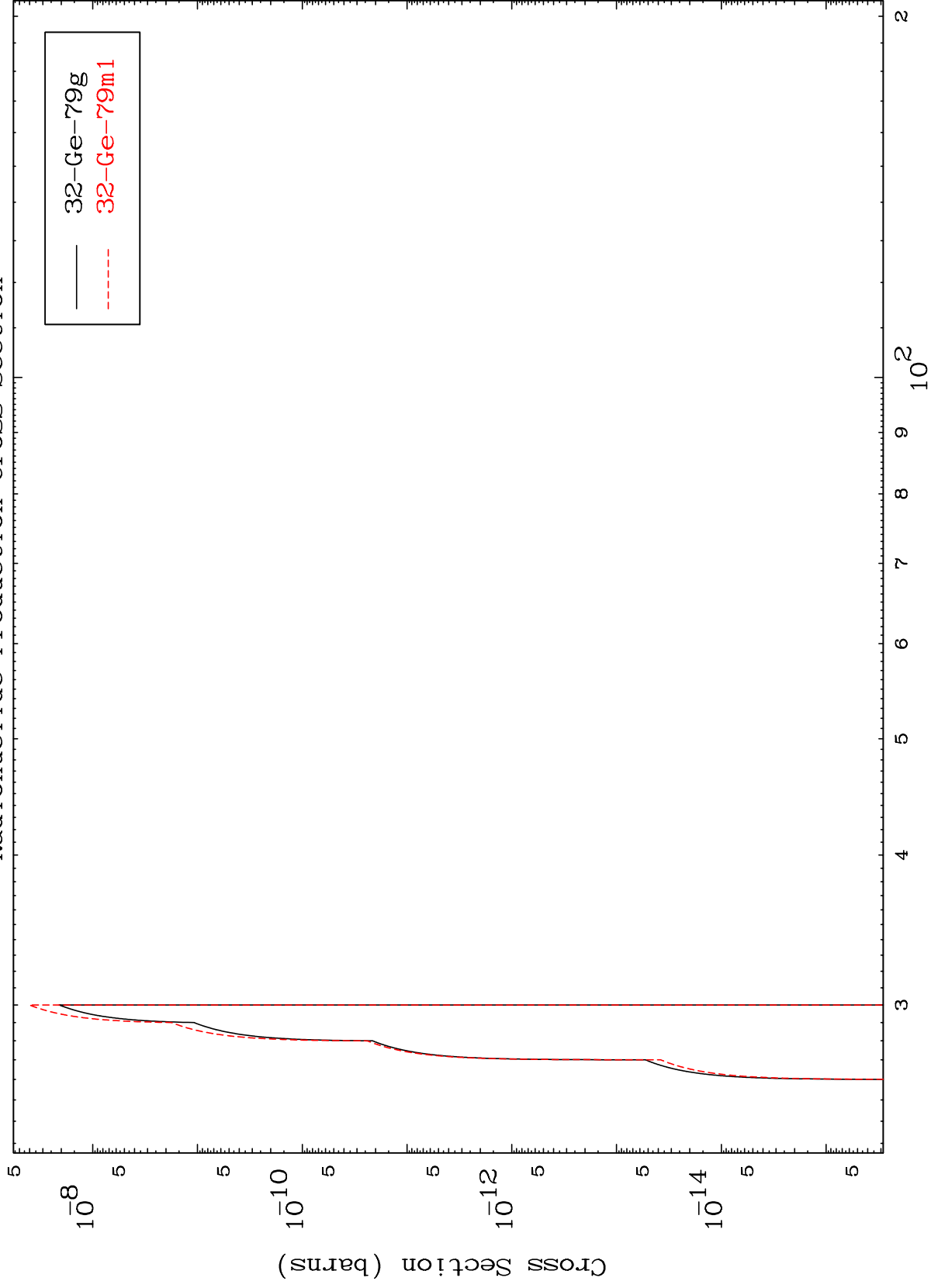
$^{34}\text{Se-82}$

MAT 3449

(n,n') He-3

34-Ge-82

Radionuclide Production Cross Section



117

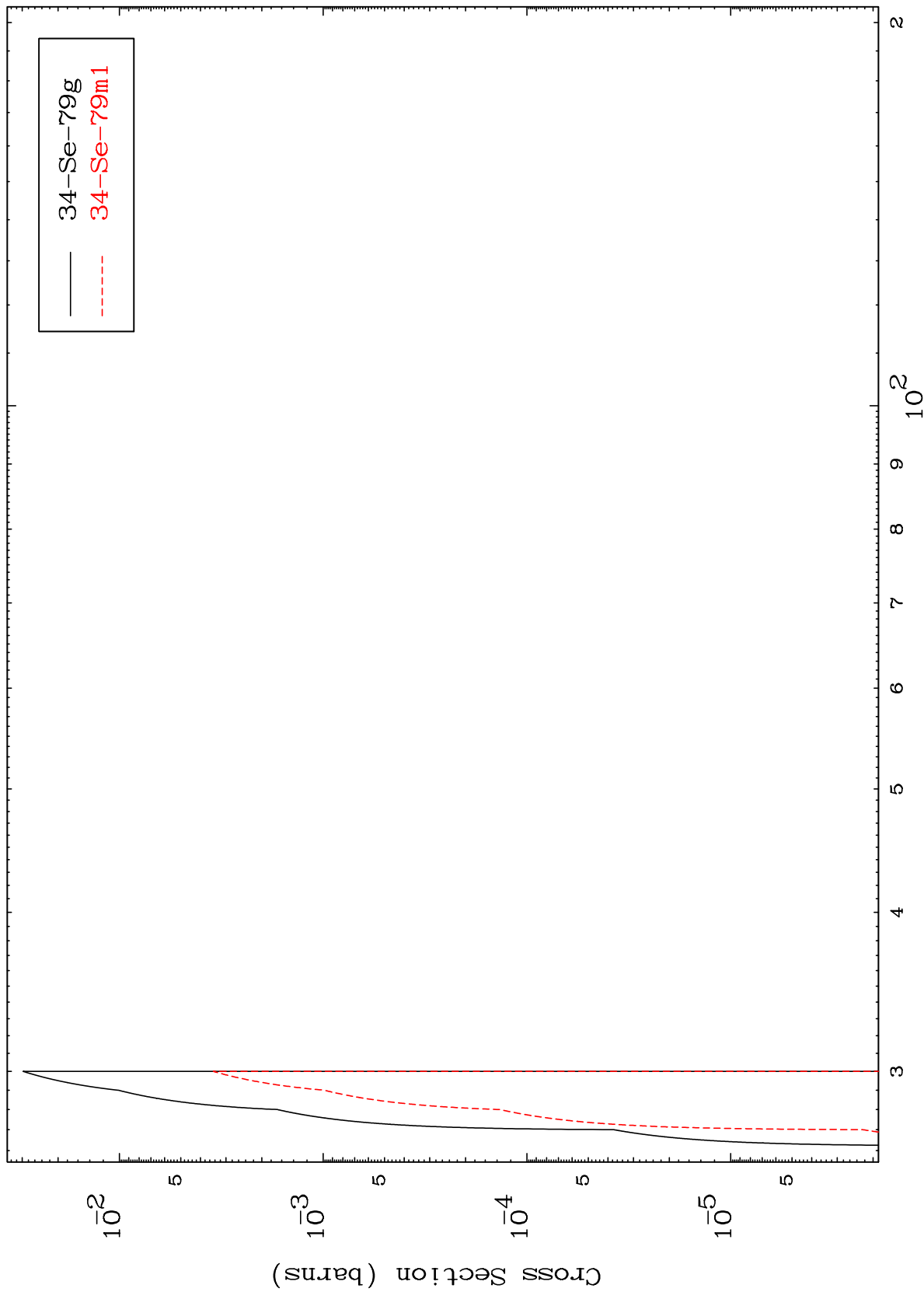
Incident Energy (MeV)

34-Ge-82

MAT 3449

³⁴Se-82

(n,4n)
Radionuclide Production Cross Section



— 34-Se-79g
- - - 34-Se-79m1

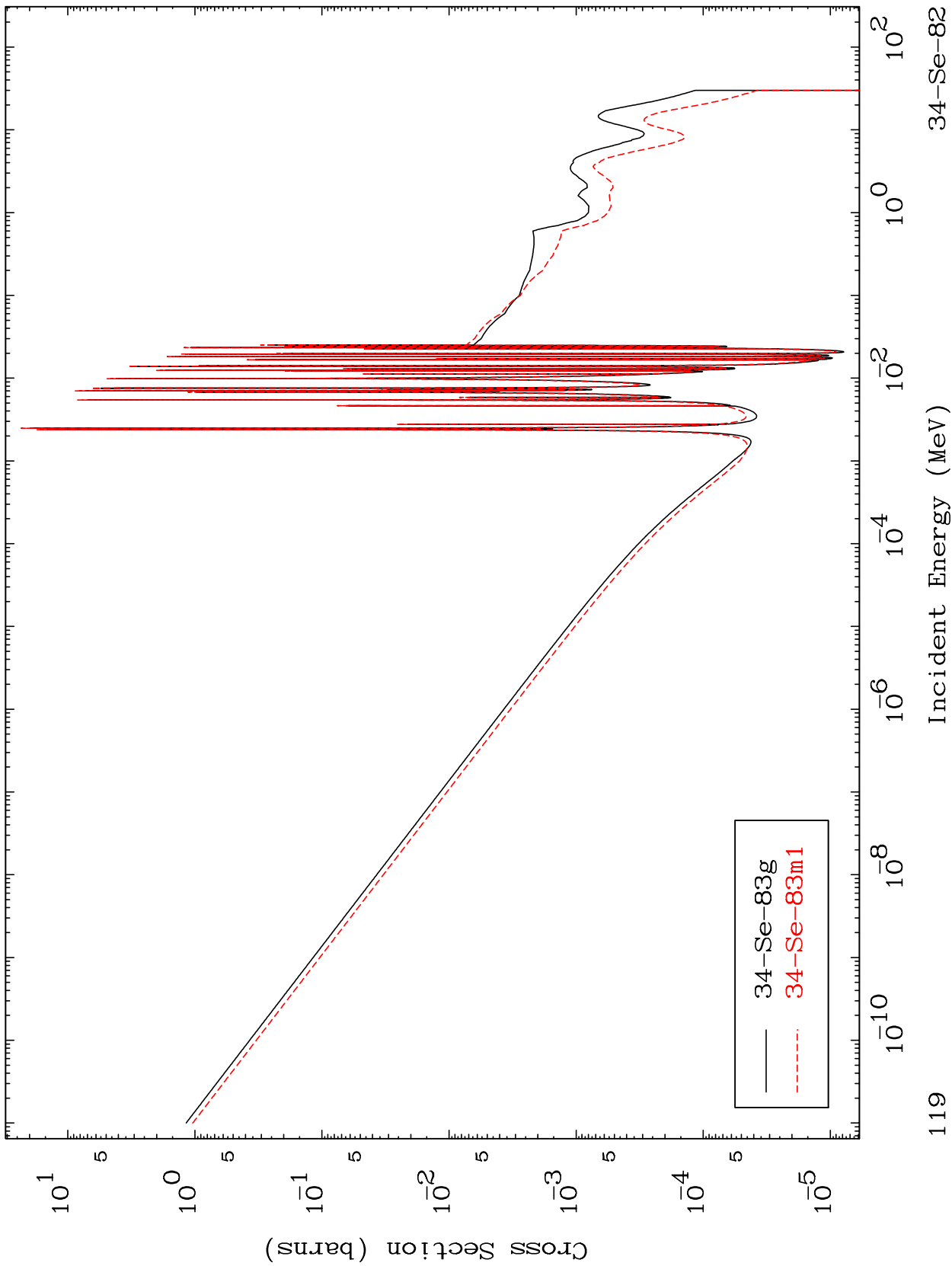
118

³⁴Se-82

MAT 3449

³⁴Se-82

(n,γ)
Radionuclide Production Cross Section



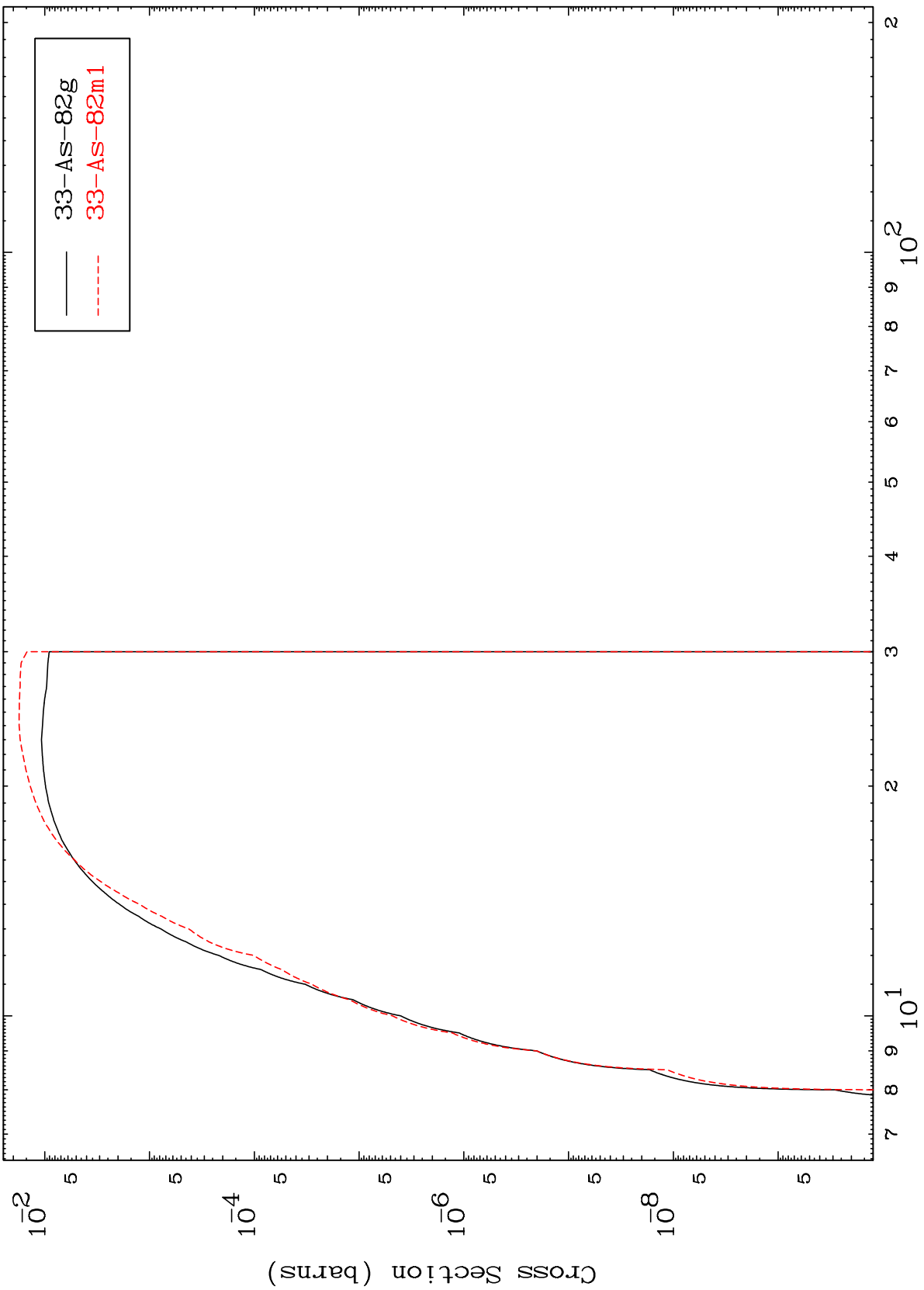
119

³⁴Se-82

MAT 3449

34-Se-82

(n,p)
Radionuclide Production Cross Section



120

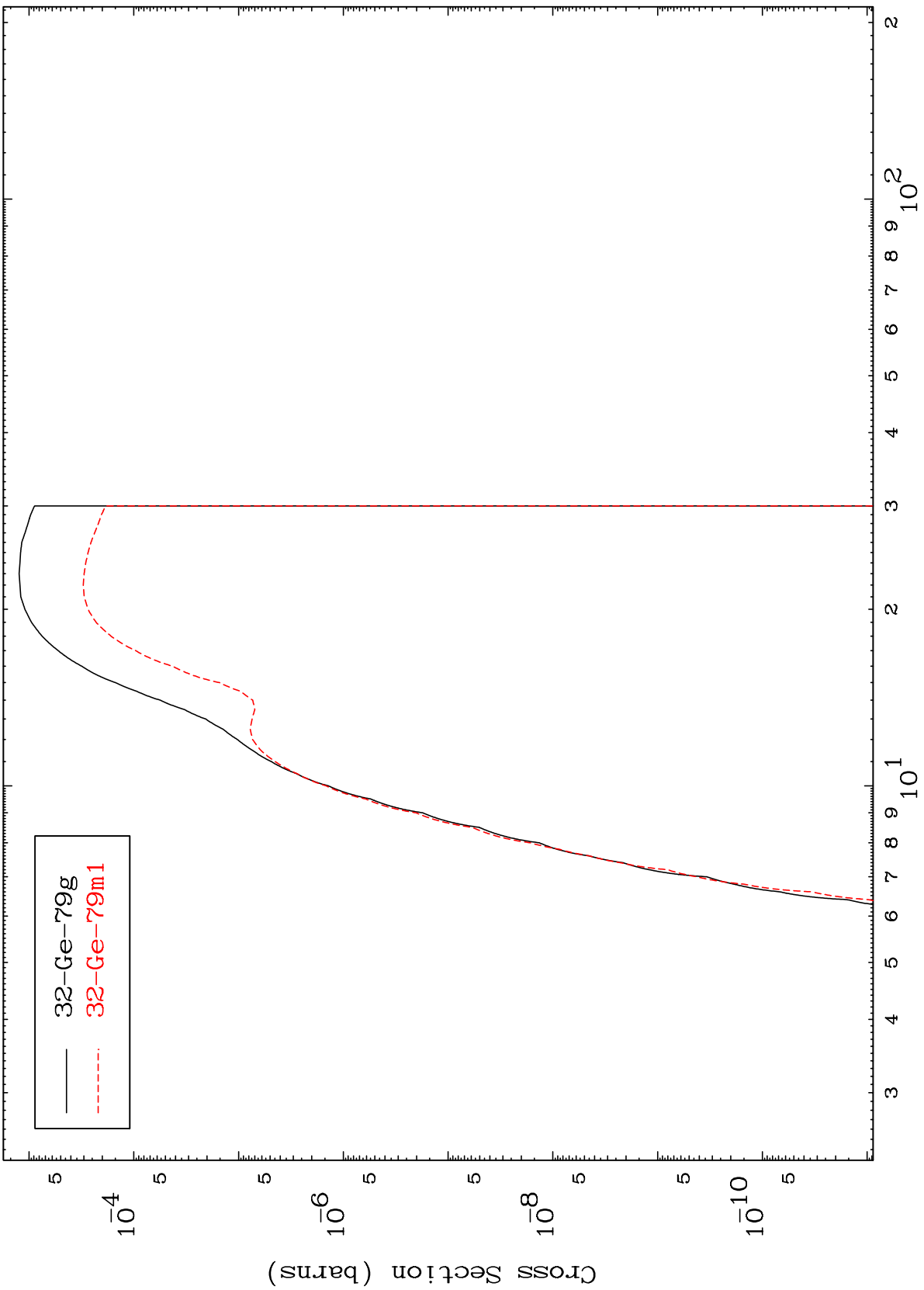
Incident Energy (MeV)

34-Se-82

MAT 3449

³⁴Se-82

Radionuclide Production Cross Section (n,α)



121

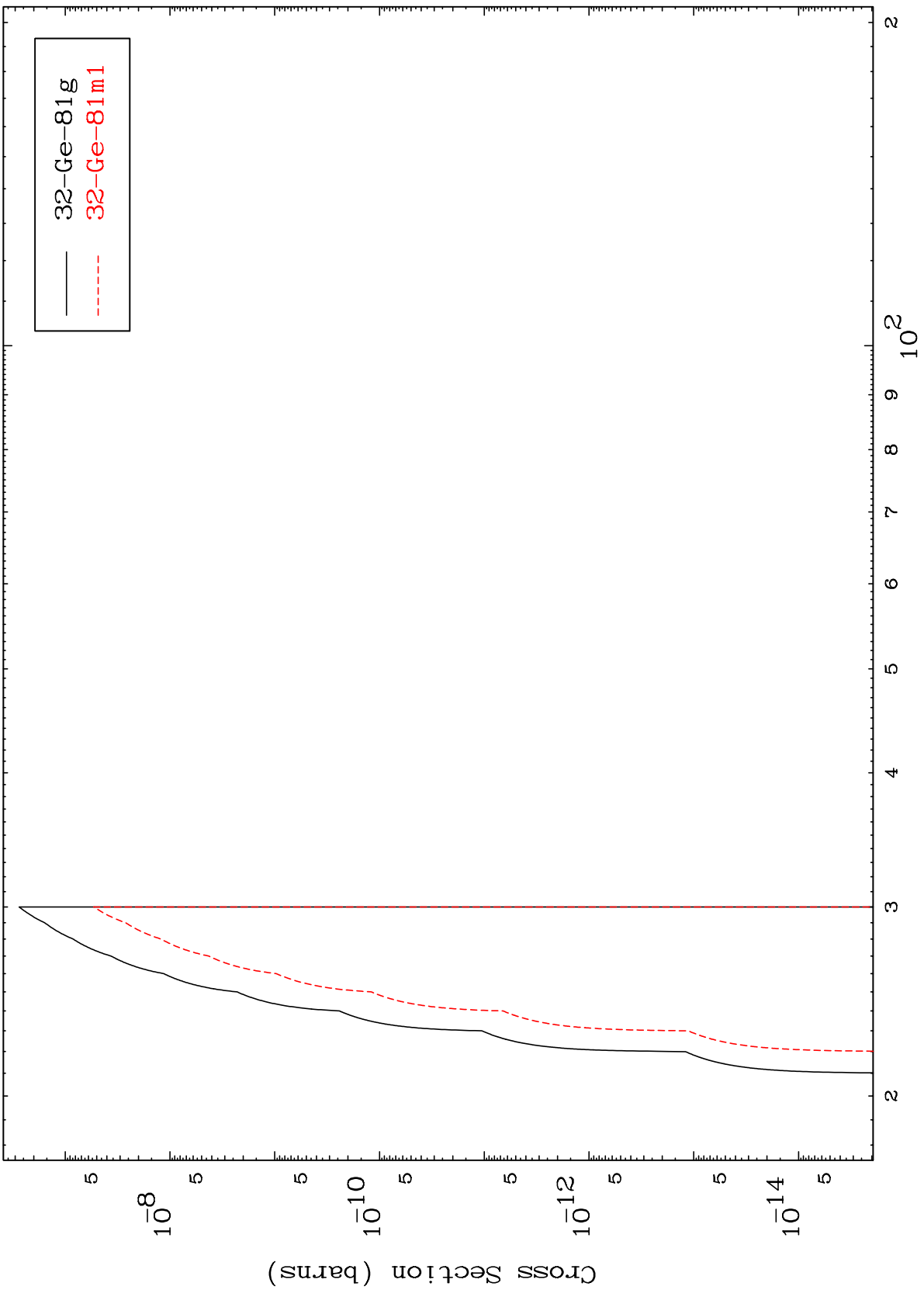
Incident Energy (MeV)

³⁴Se-82

MAT 3449

34-Se-82

(n,2p)
Radionuclide Production Cross Section



122

34-Se-82

Incident Energy (MeV)