

Program EVALPLOT  
(Version 2017-1)

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

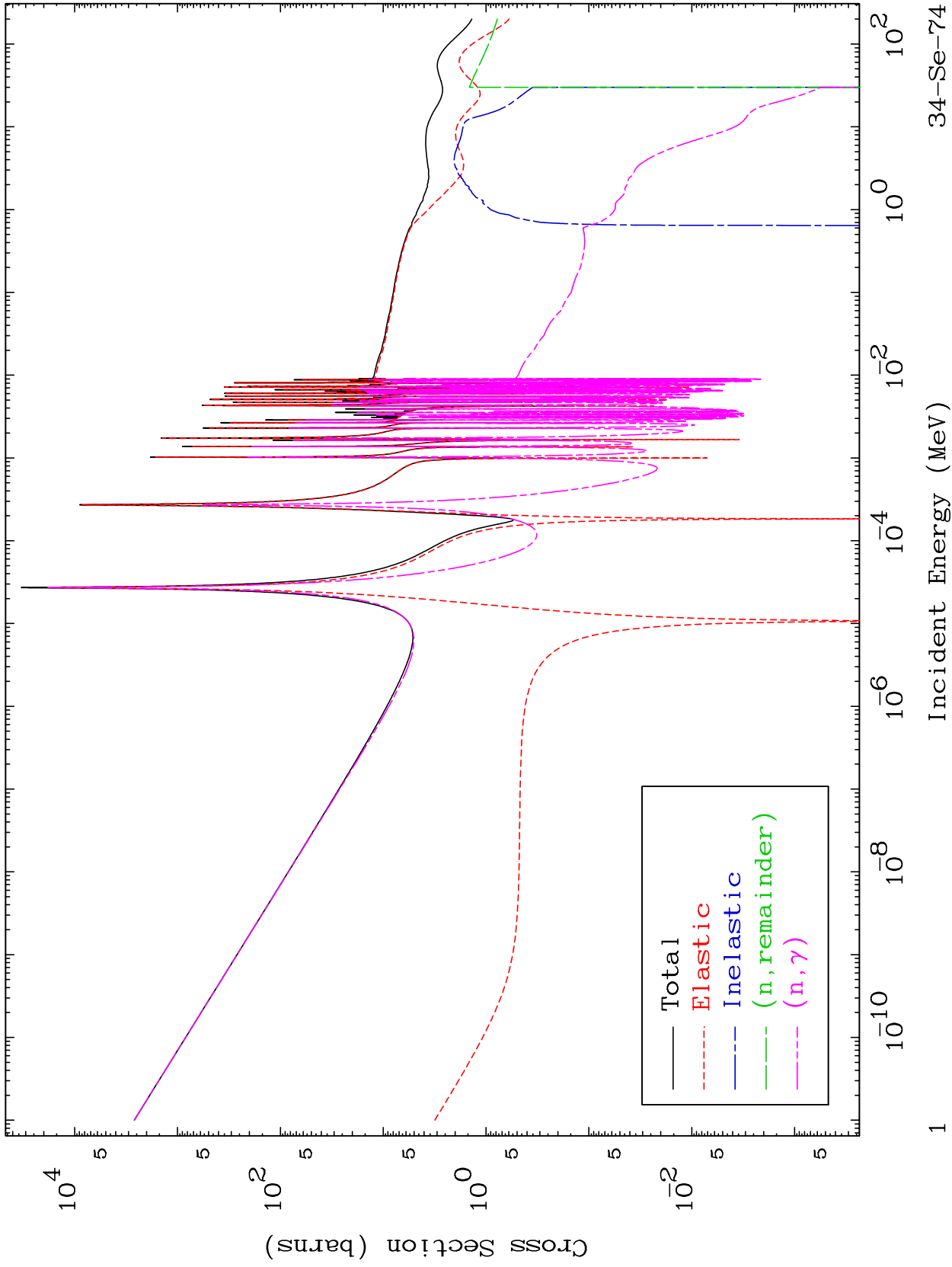
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3425

Major  
293 Kelvin Cross Sections

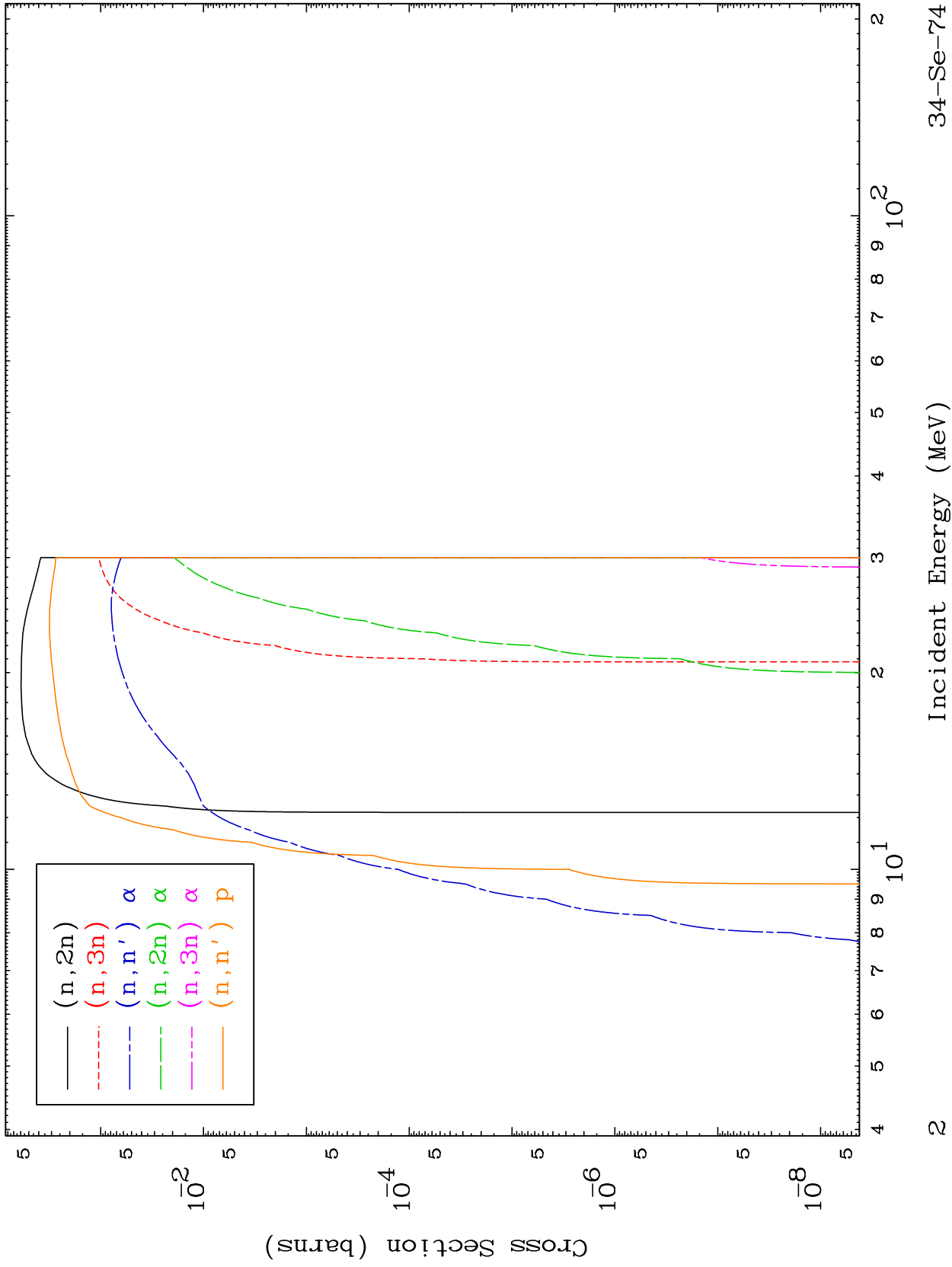
34-Se-74



MAT 3425

Neutron Production  
293 Kelvin Cross Sections

<sup>34</sup>Se-74



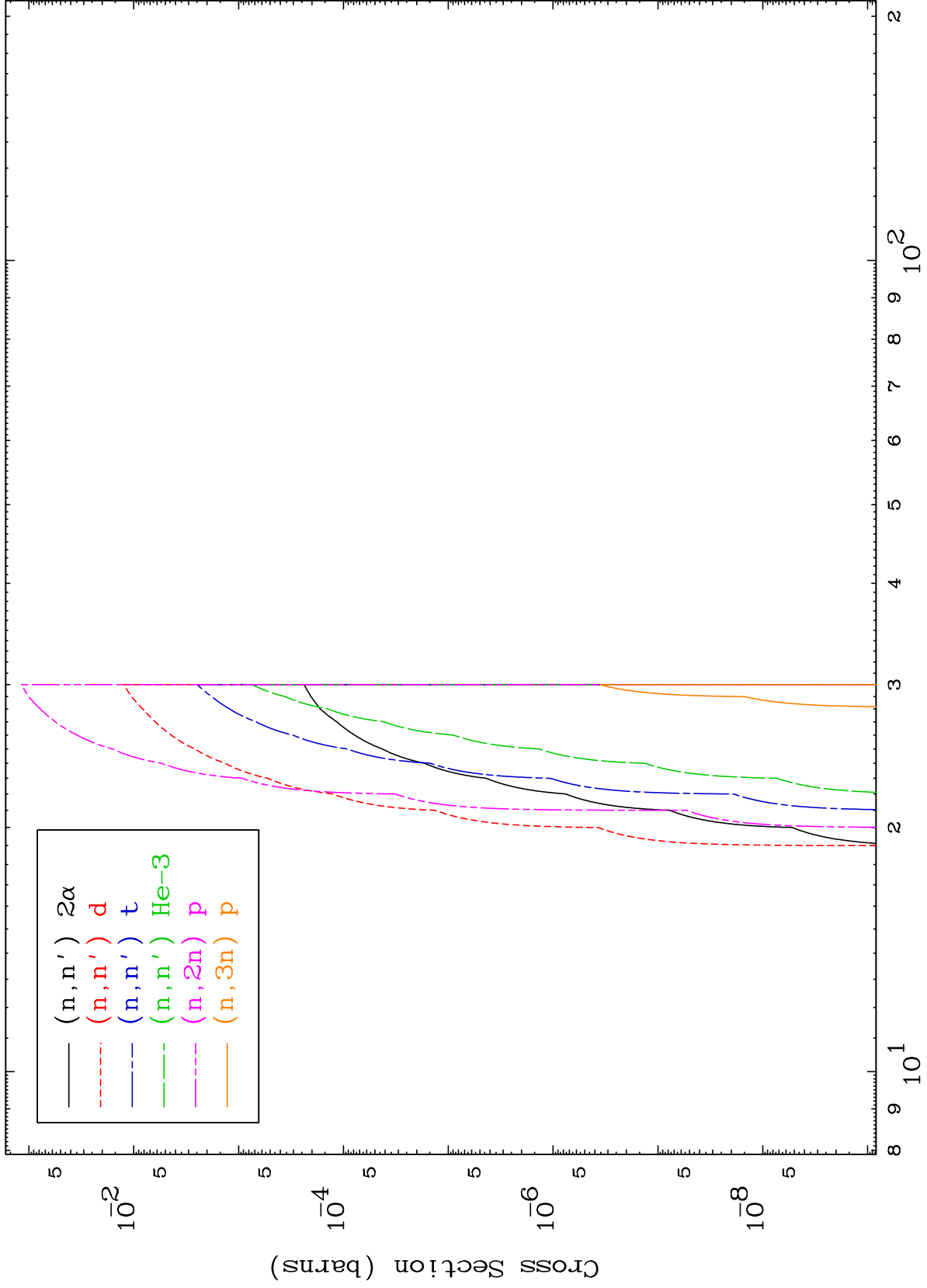
2

<sup>34</sup>Se-74

MAT 3425

Neutron Production  
293 Kelvin Cross Sections

34-Se-74



3

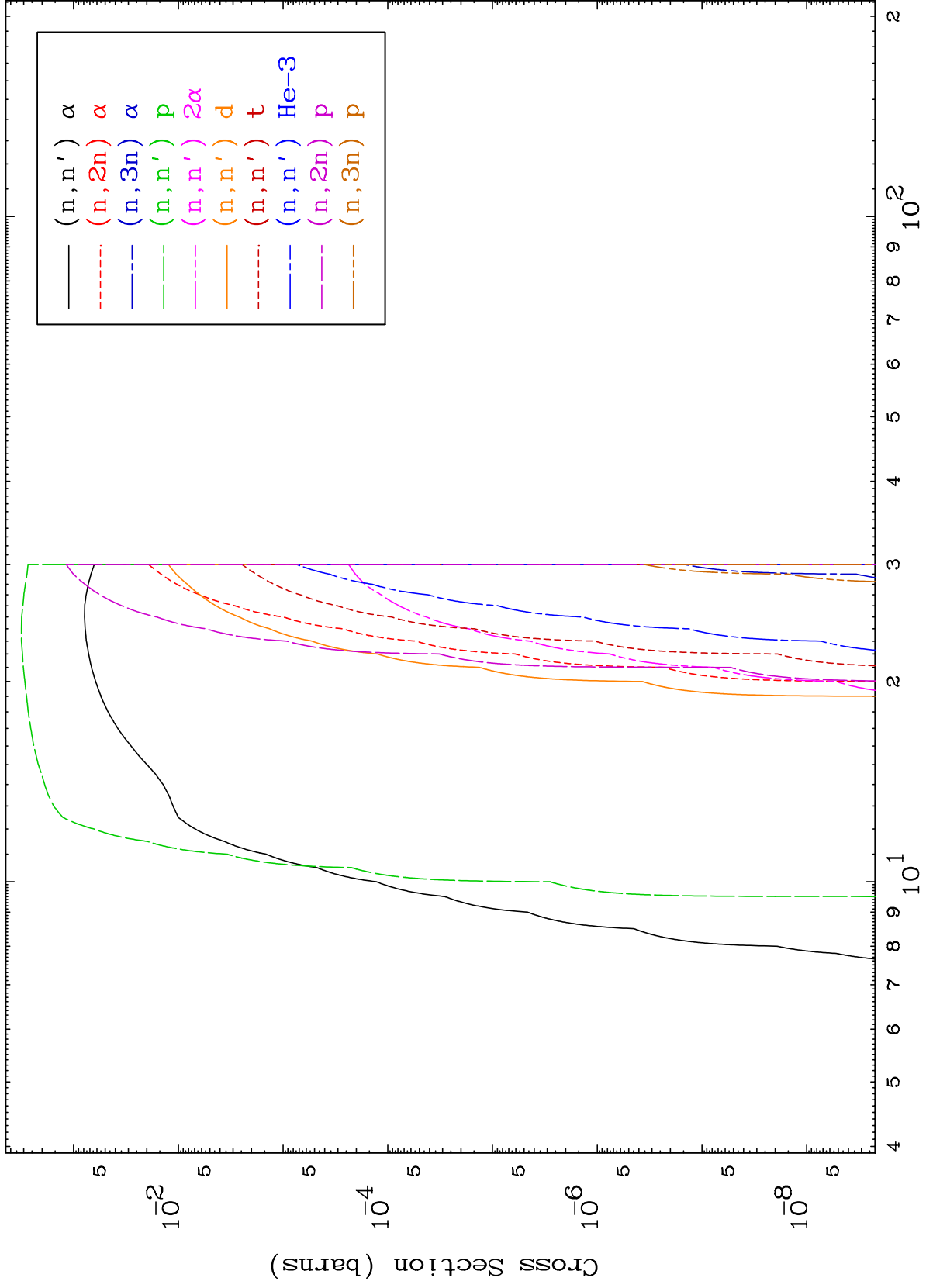
Incident Energy (MeV)

34-Se-74

MAT 3425

Charged Particle  
293 Kelvin Cross Sections

34-Se-74



4

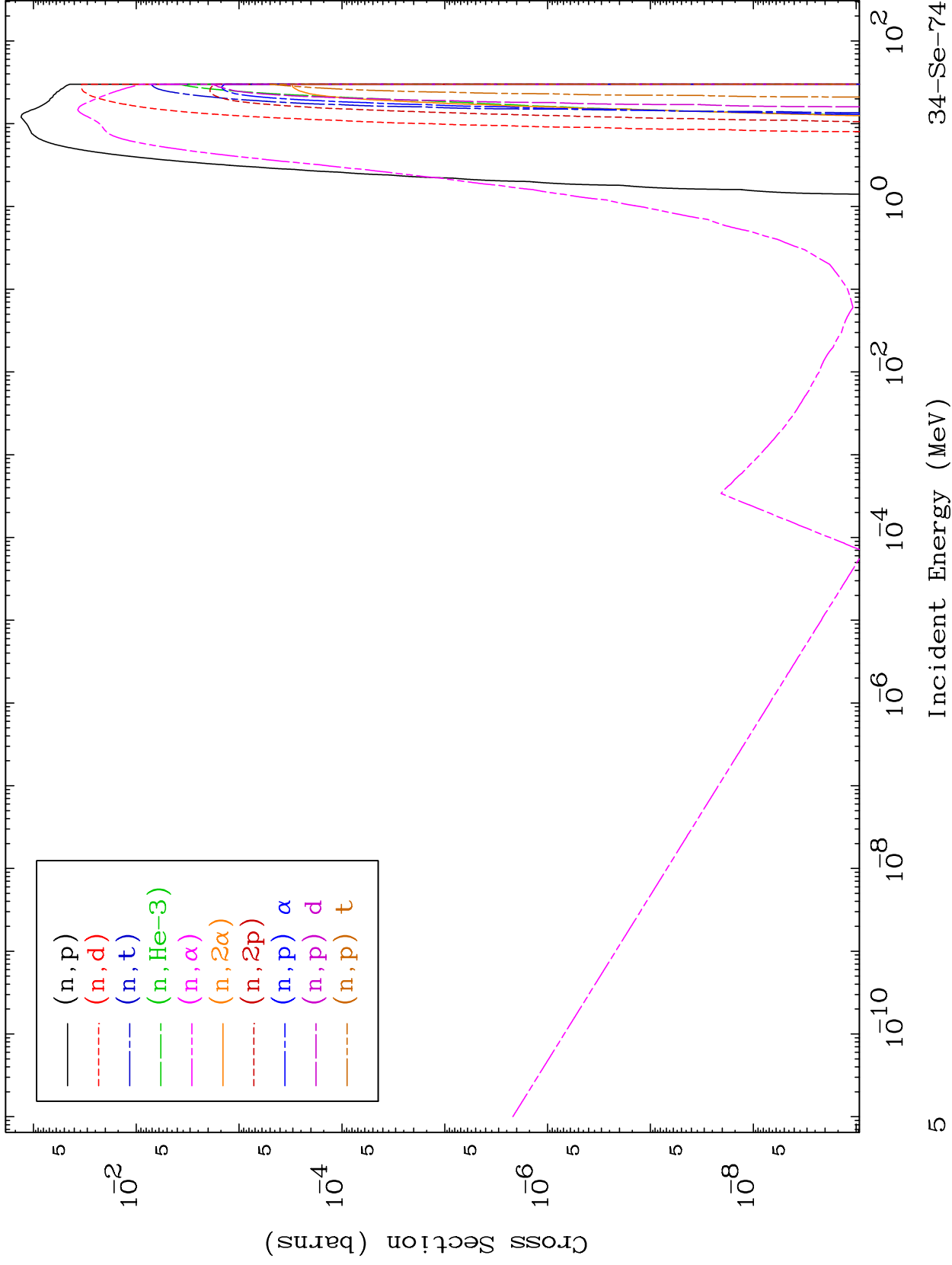
Incident Energy (MeV)

34-Se-74

MAT 3425

Charged Particle  
293 Kelvin Cross Sections

34-Se-74

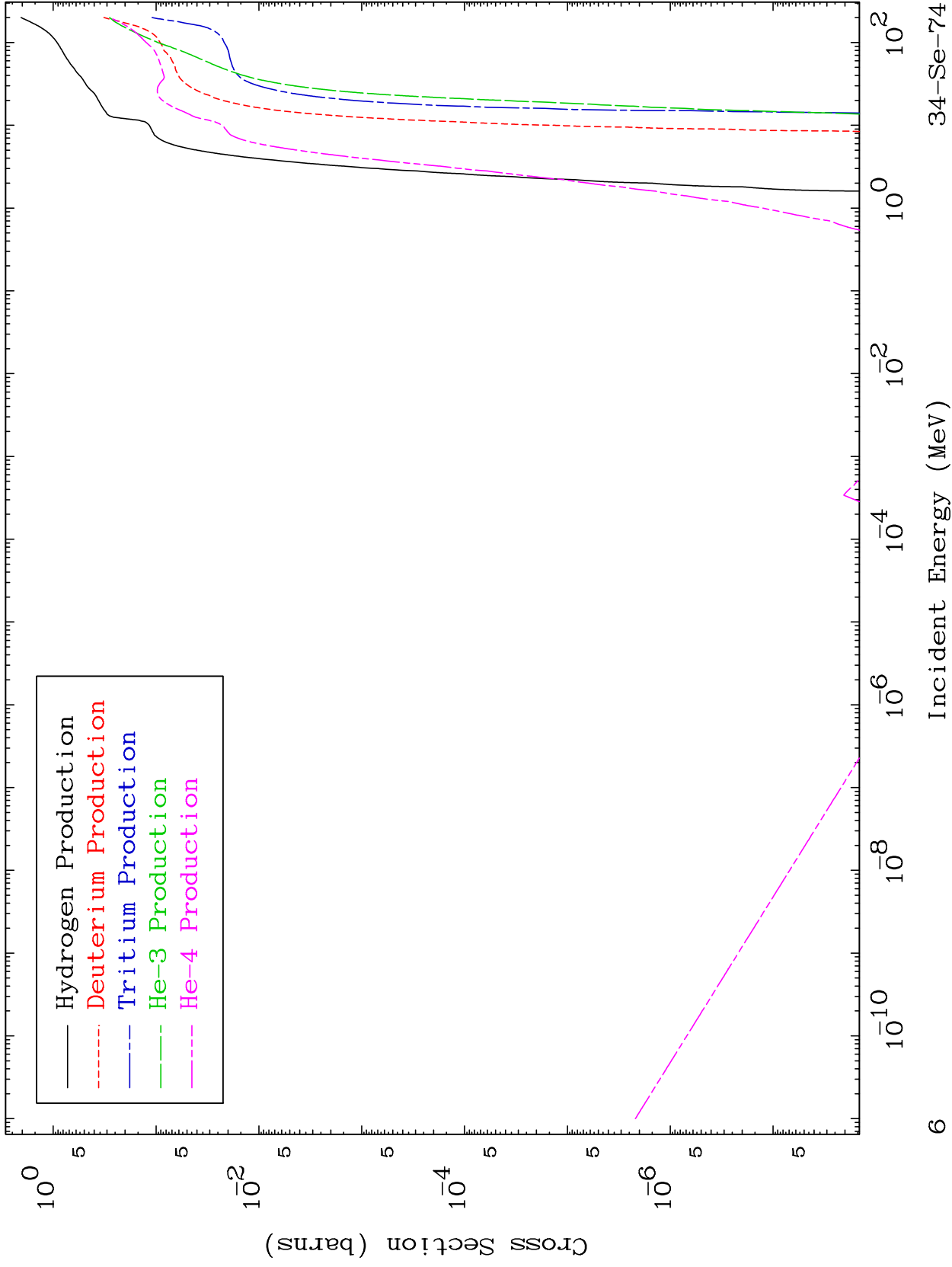


5

MAT 3425

Particle Production  
293 Kelvin Cross Sections

34-Se-74

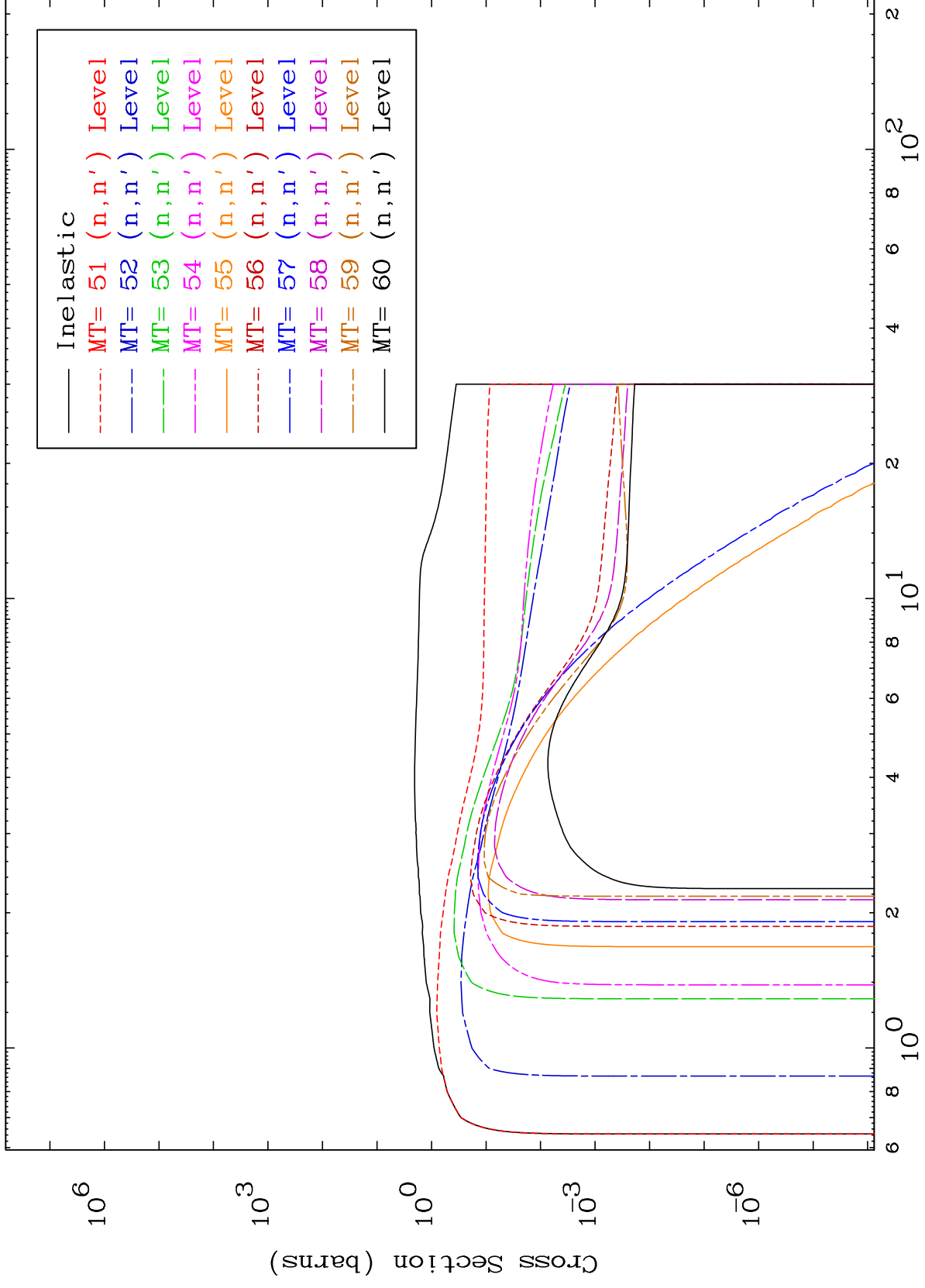


MAT 3425

(n,n') Level

34-Se-74

293 Kelvin Cross Sections



7

Incident Energy (MeV)

34-Se-74

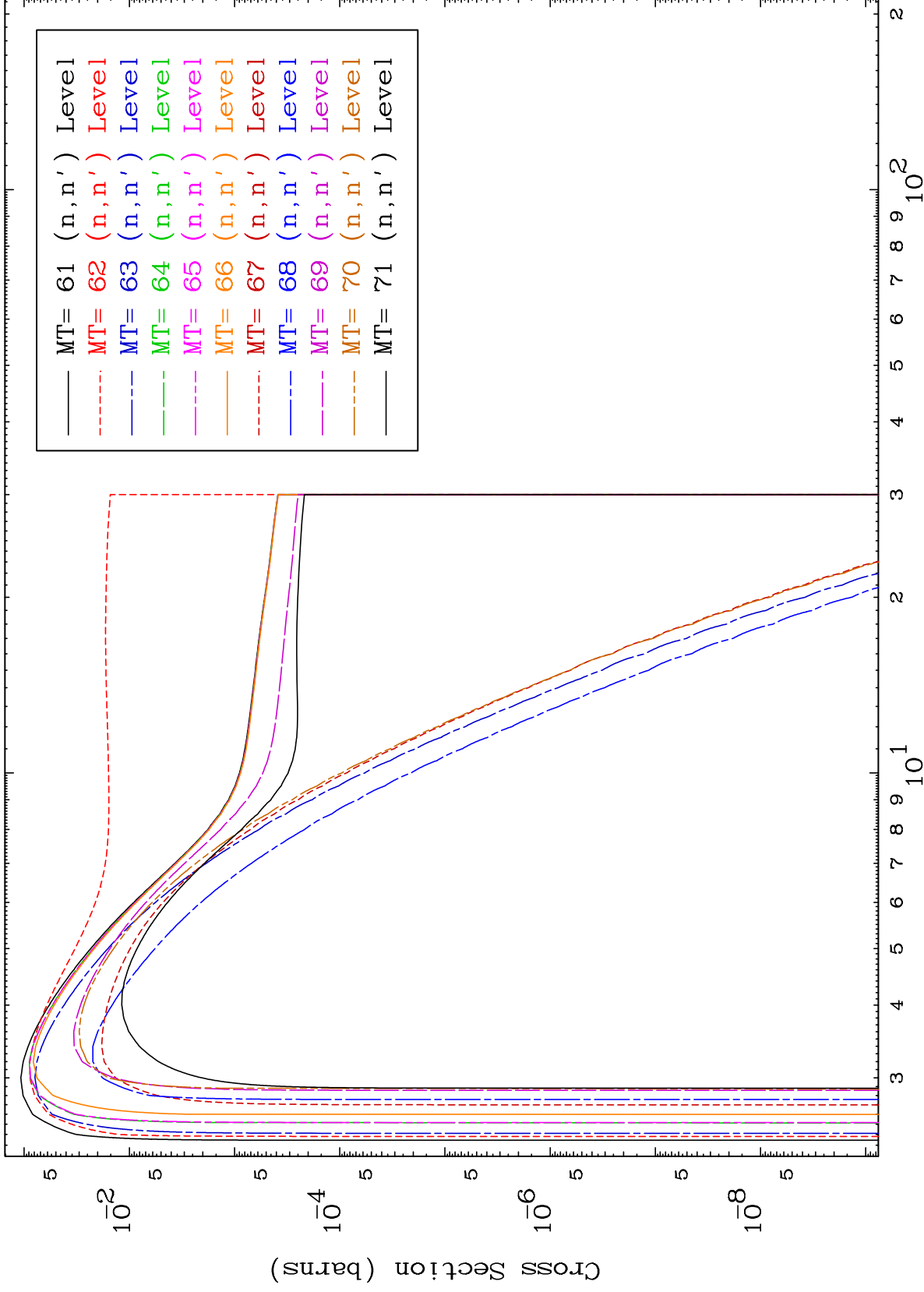


MAT 3425

(n,n') Level

34-Se-74

293 Kelvin Cross Sections



8

Incident Energy (MeV)

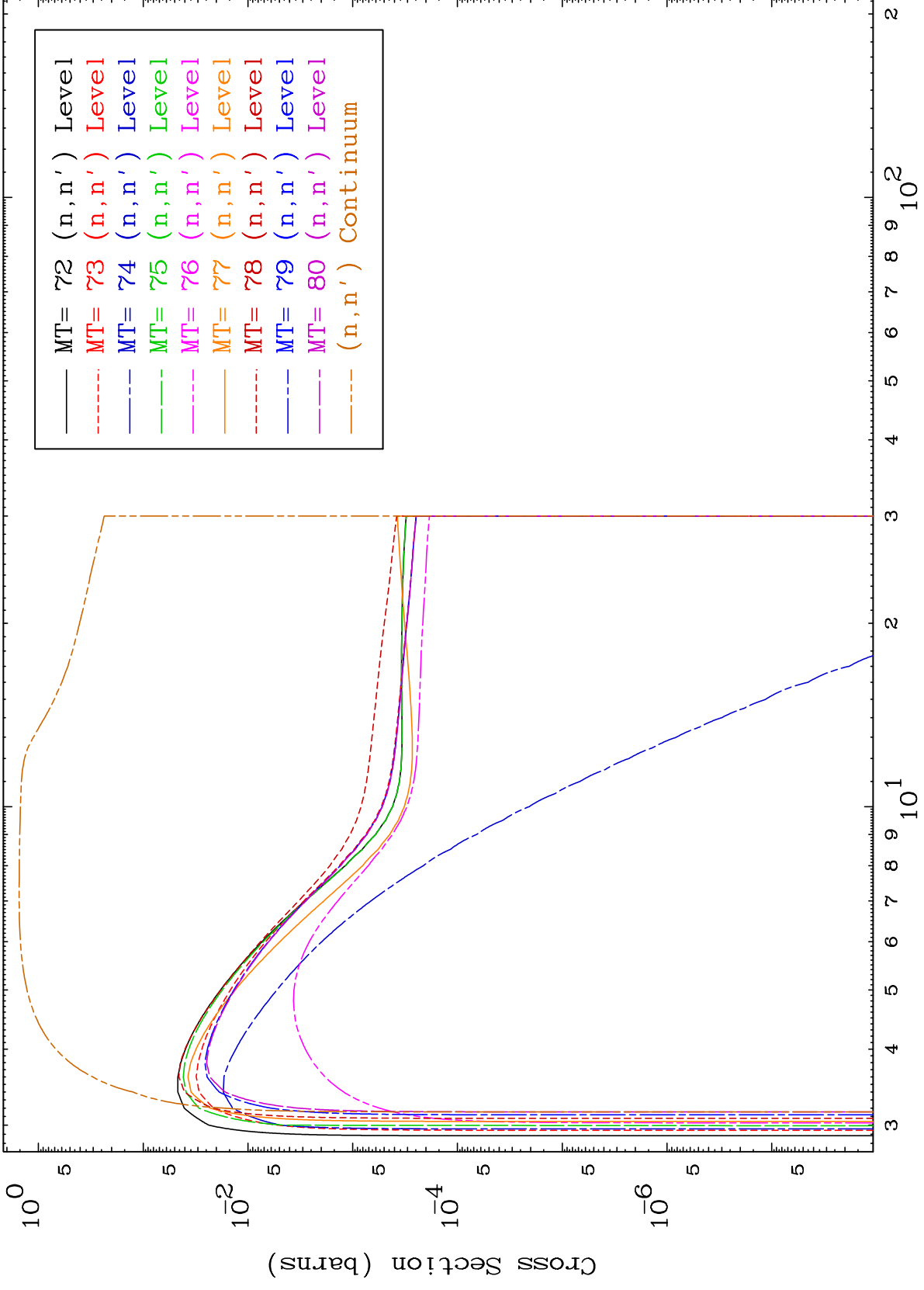
34-Se-74

MAT 3425

(n,n') Level

34-Se-74

293 Kelvin Cross Sections



9

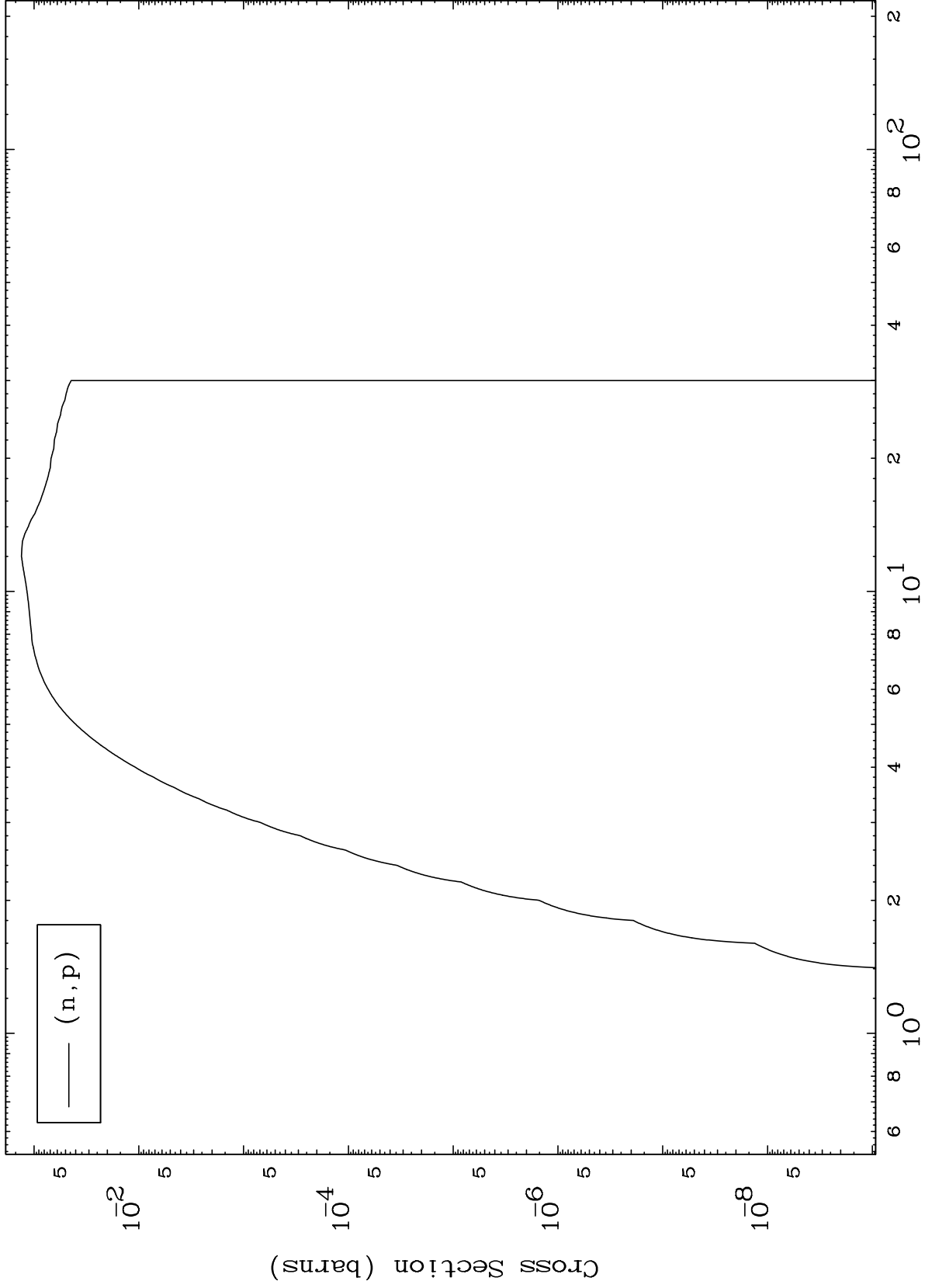
Incident Energy (MeV)

34-Se-74

MAT 3425

(n,p) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-74



10

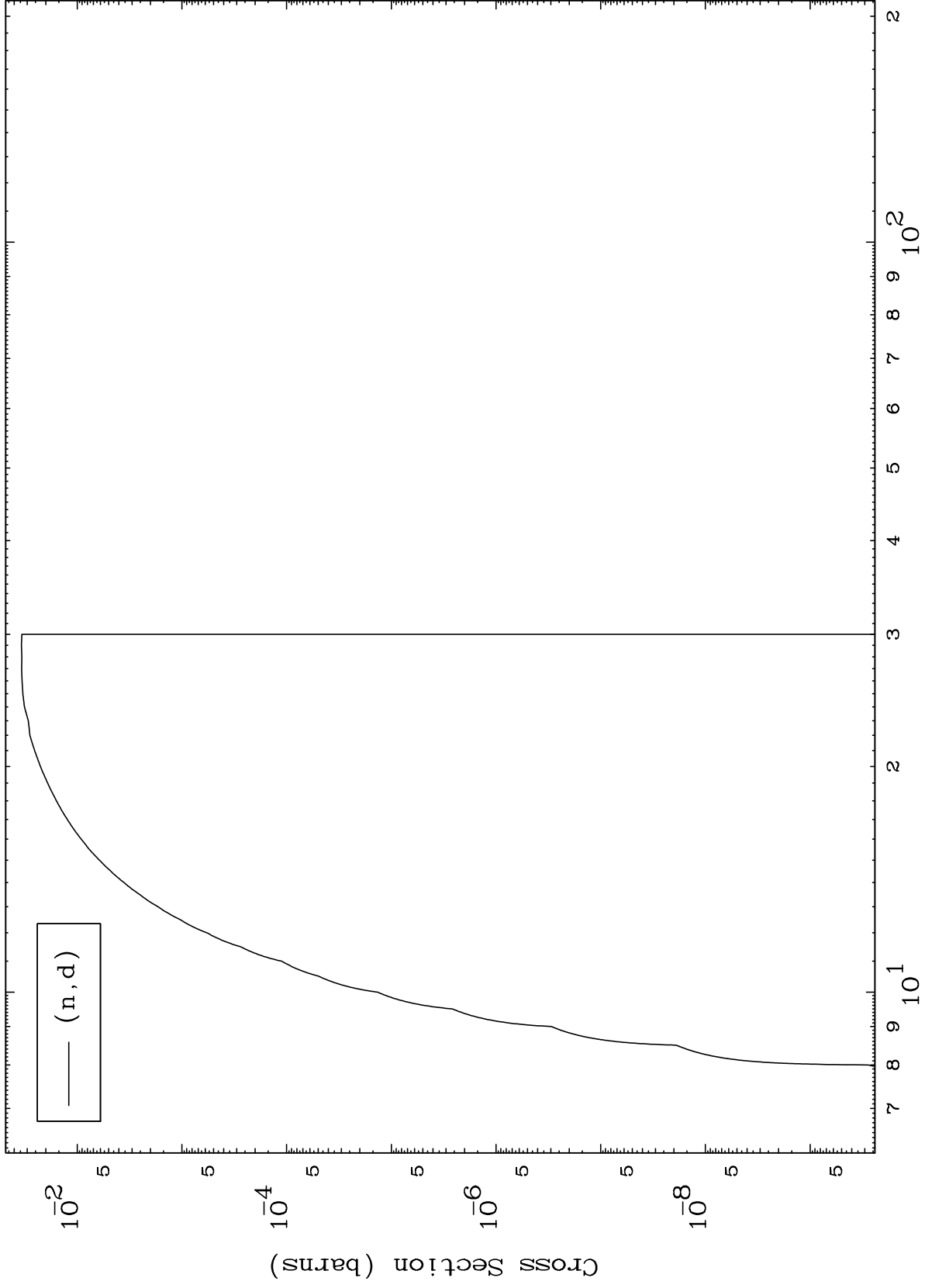
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

(n,d) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-74



11

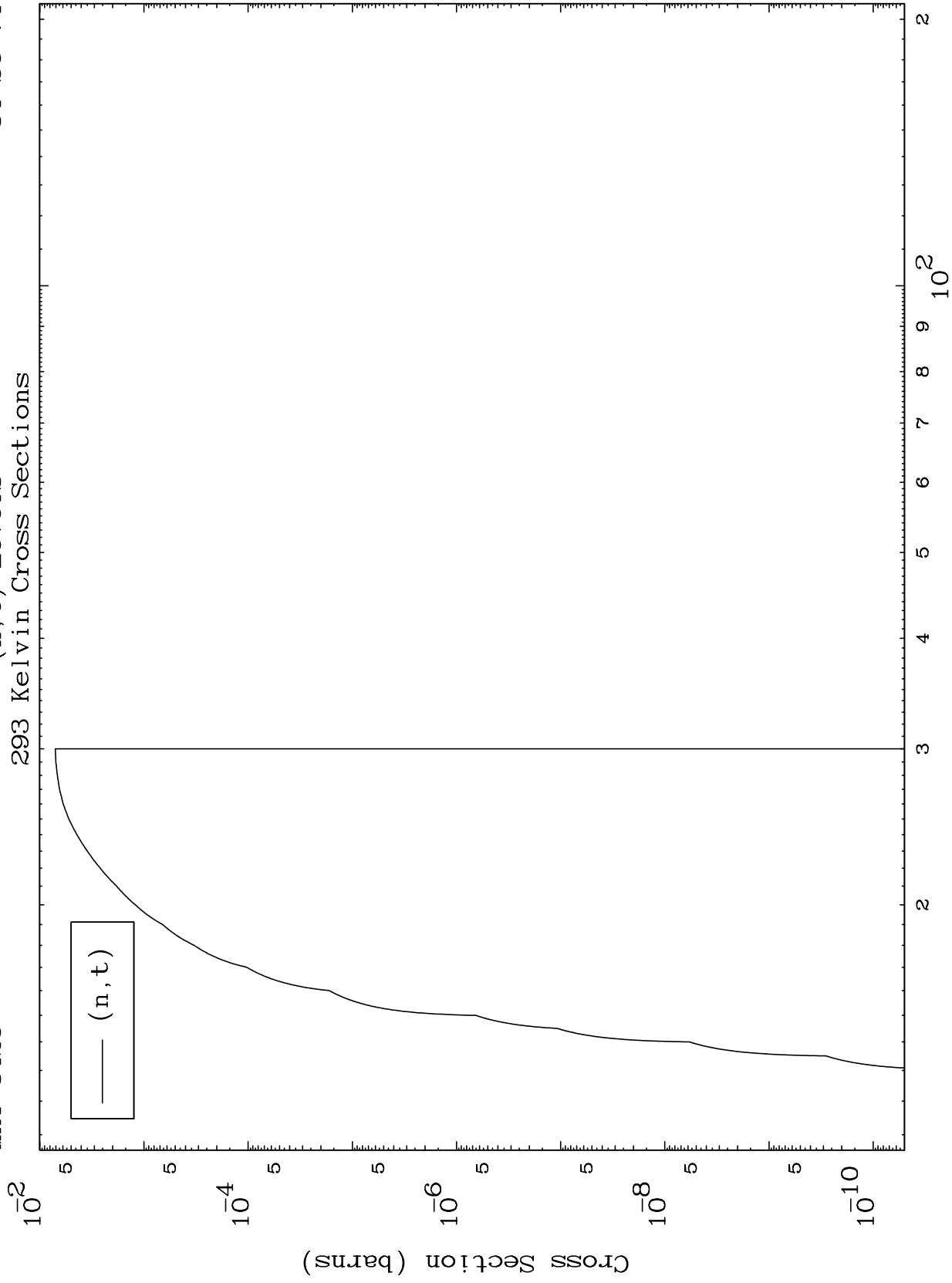
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

(n,t) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-74



12

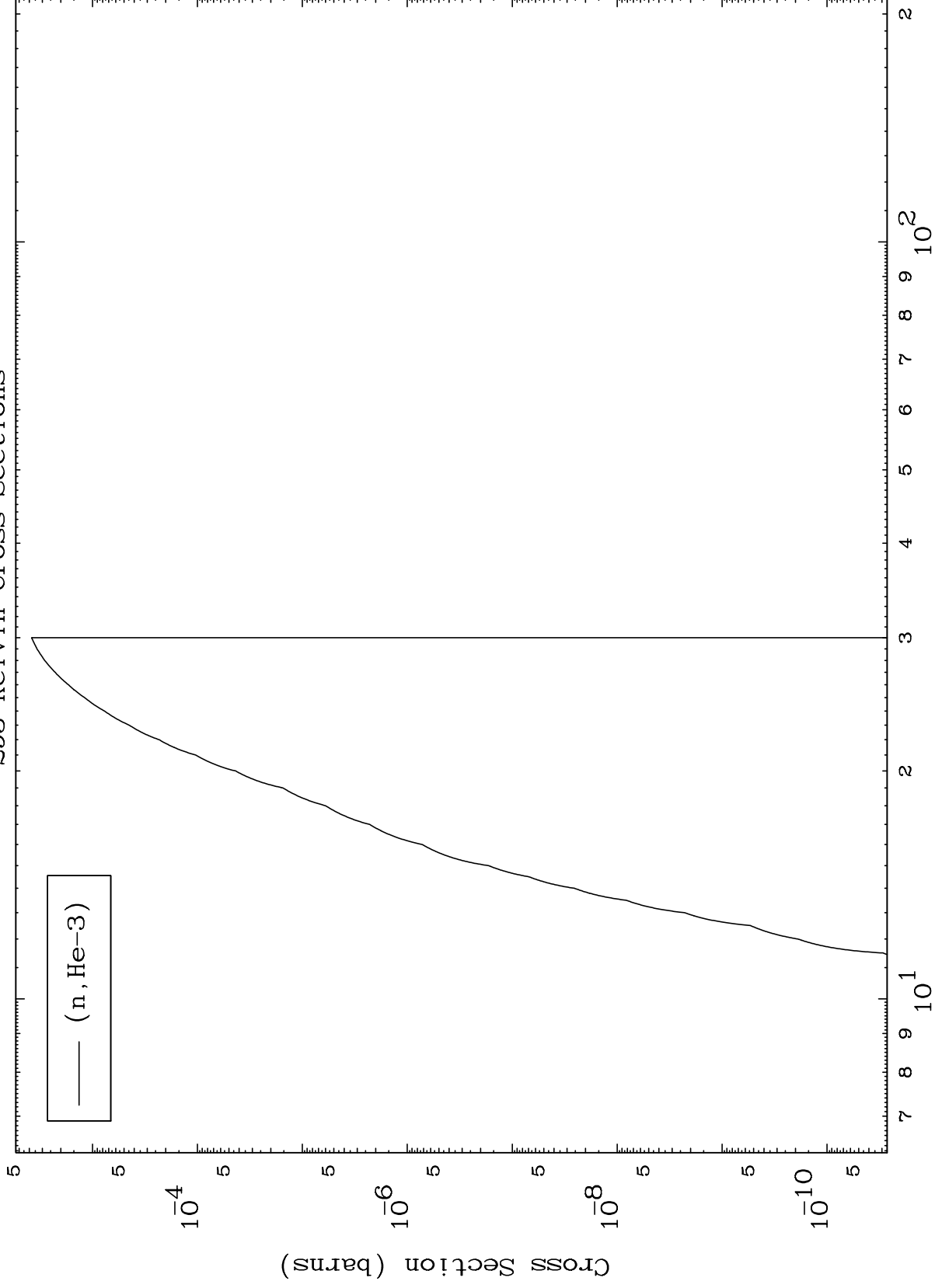
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

(n,He3) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-74



13

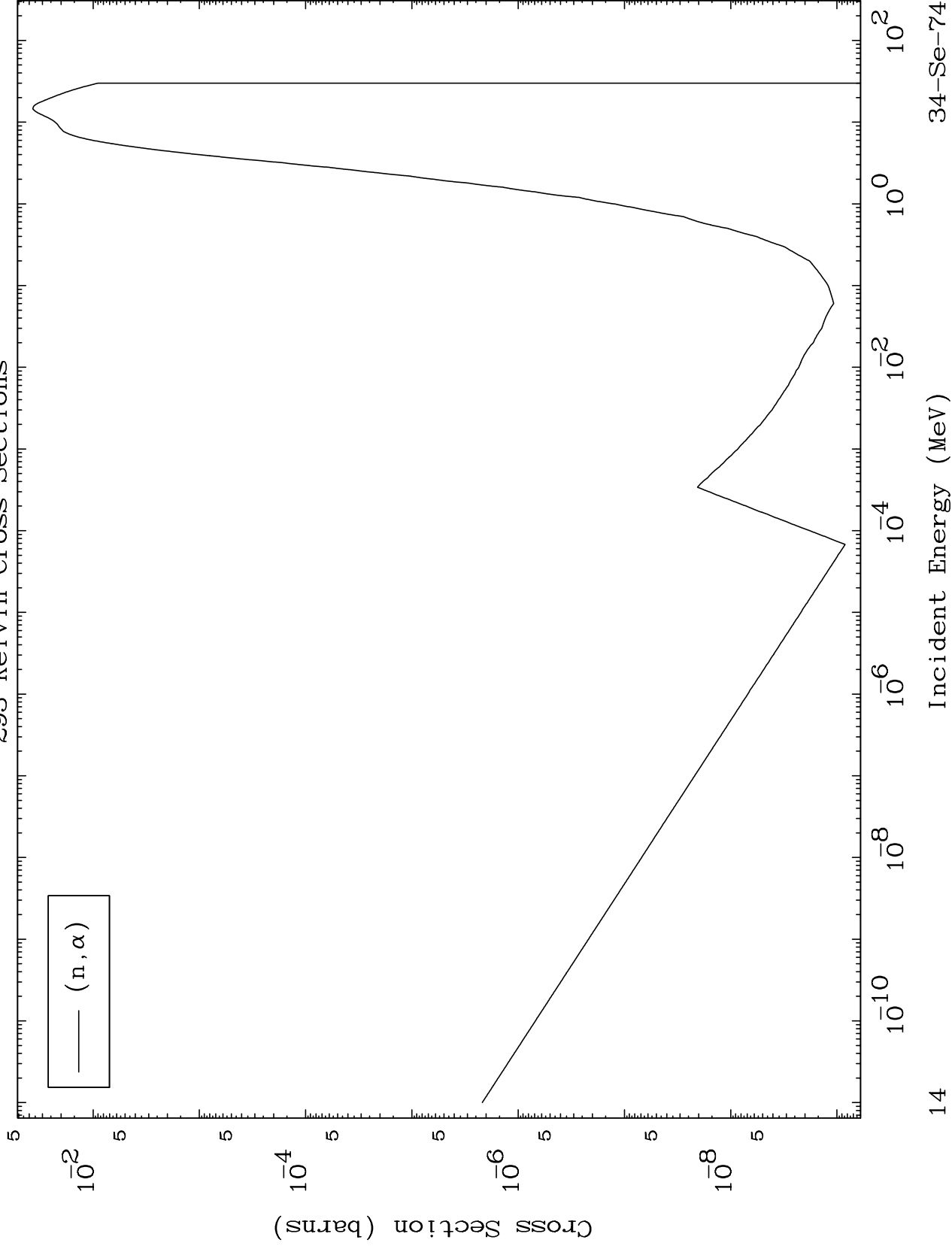
Incident Energy (MeV)

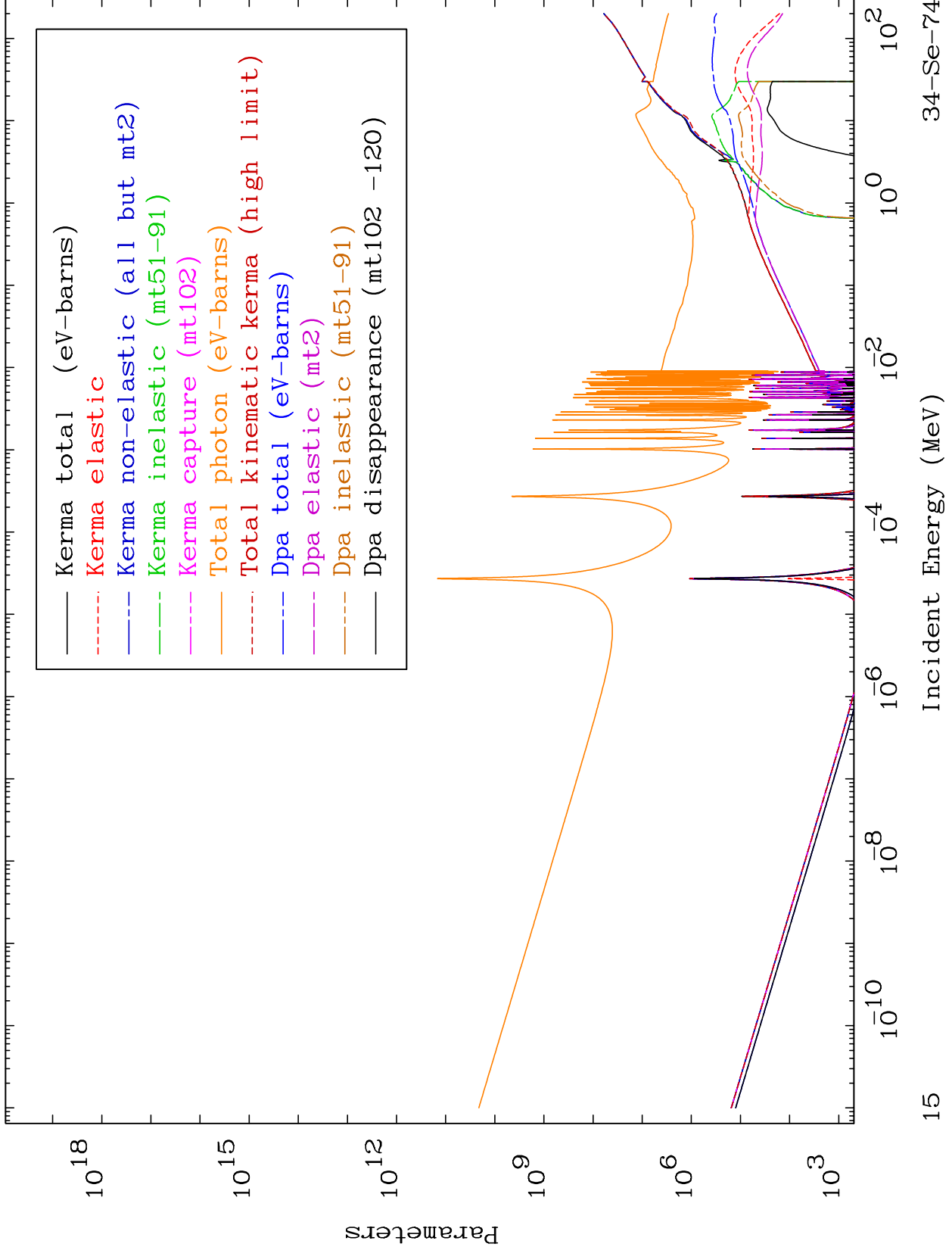
<sup>34</sup>Se-74

MAT 3425

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-74



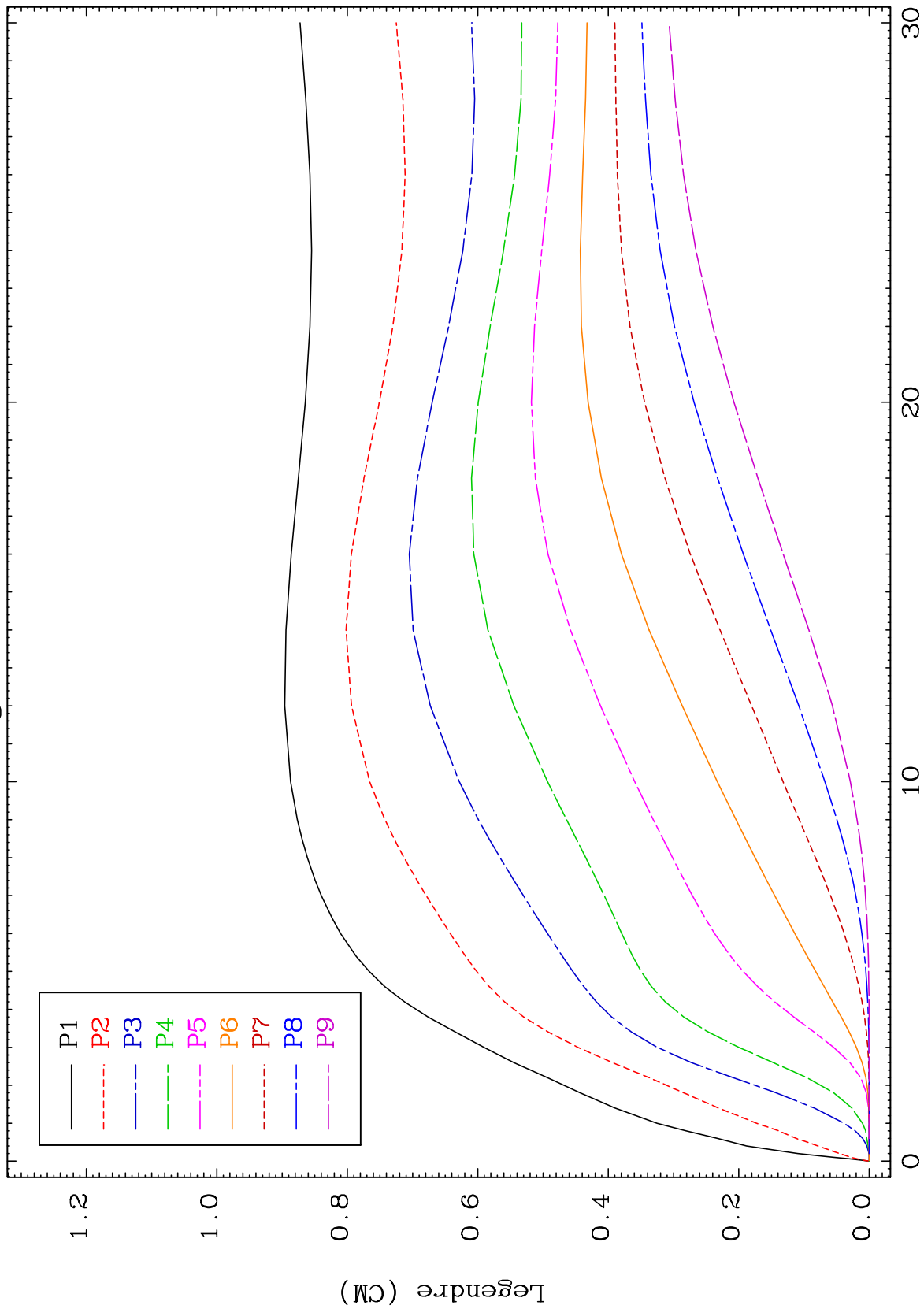




MAT 3425

Elastic Legendre Coefficients

<sup>34</sup>Se-74



16

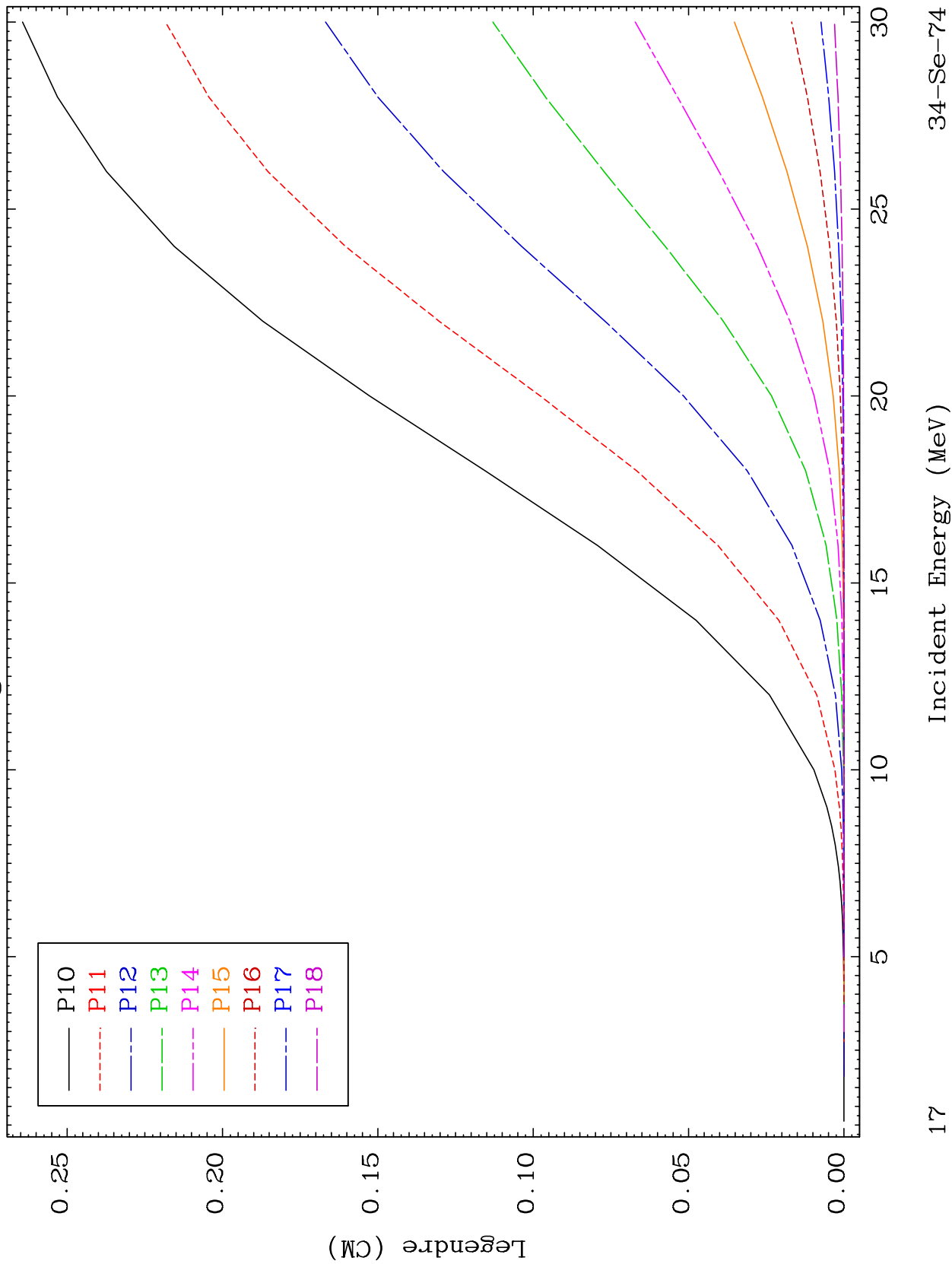
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

Elastic  
Legendre Coefficients

<sup>34</sup>Se-74



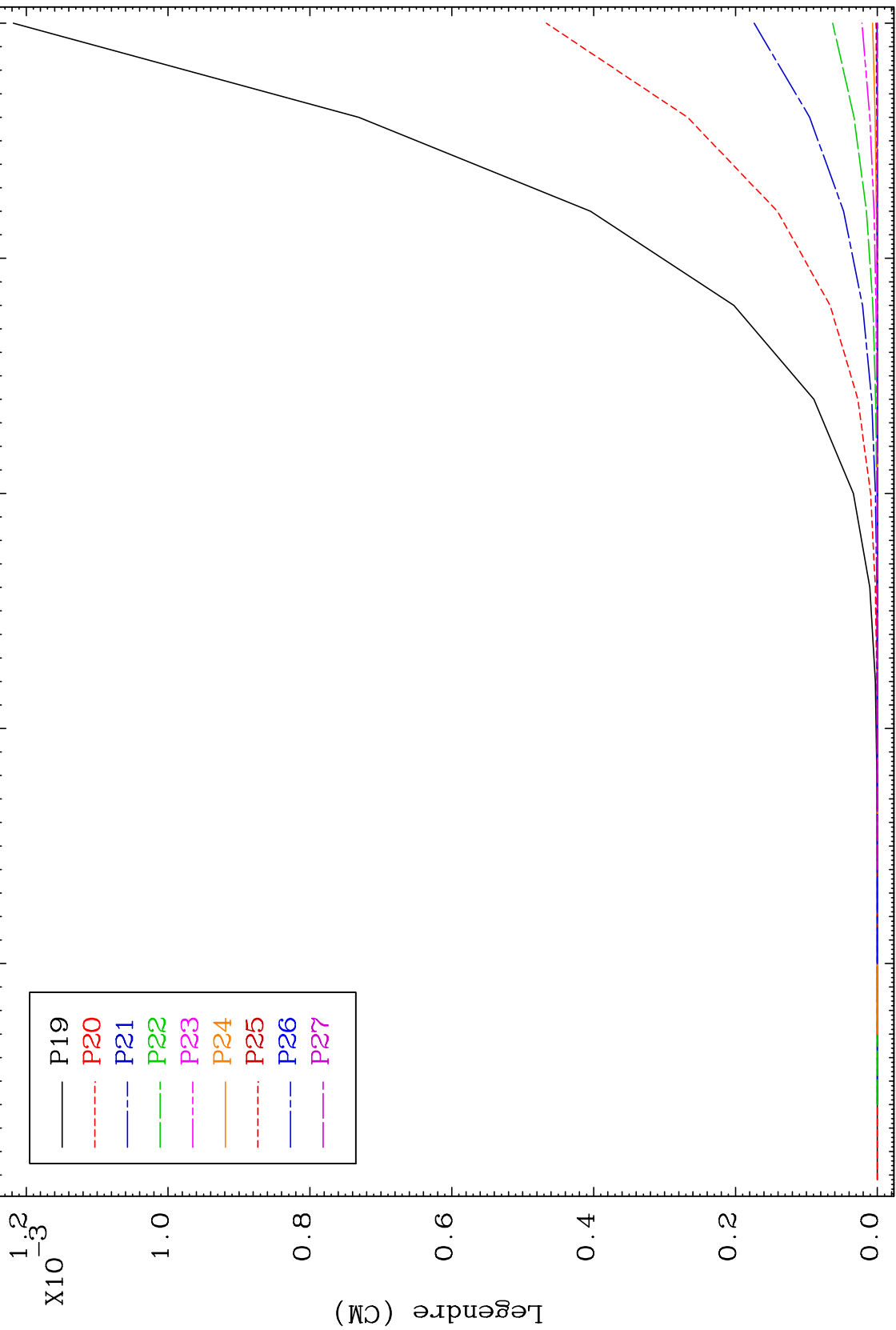
17

<sup>34</sup>Se-74

MAT 3425

Elastic  
Legendre Coefficients

<sup>34</sup>Se-74



18

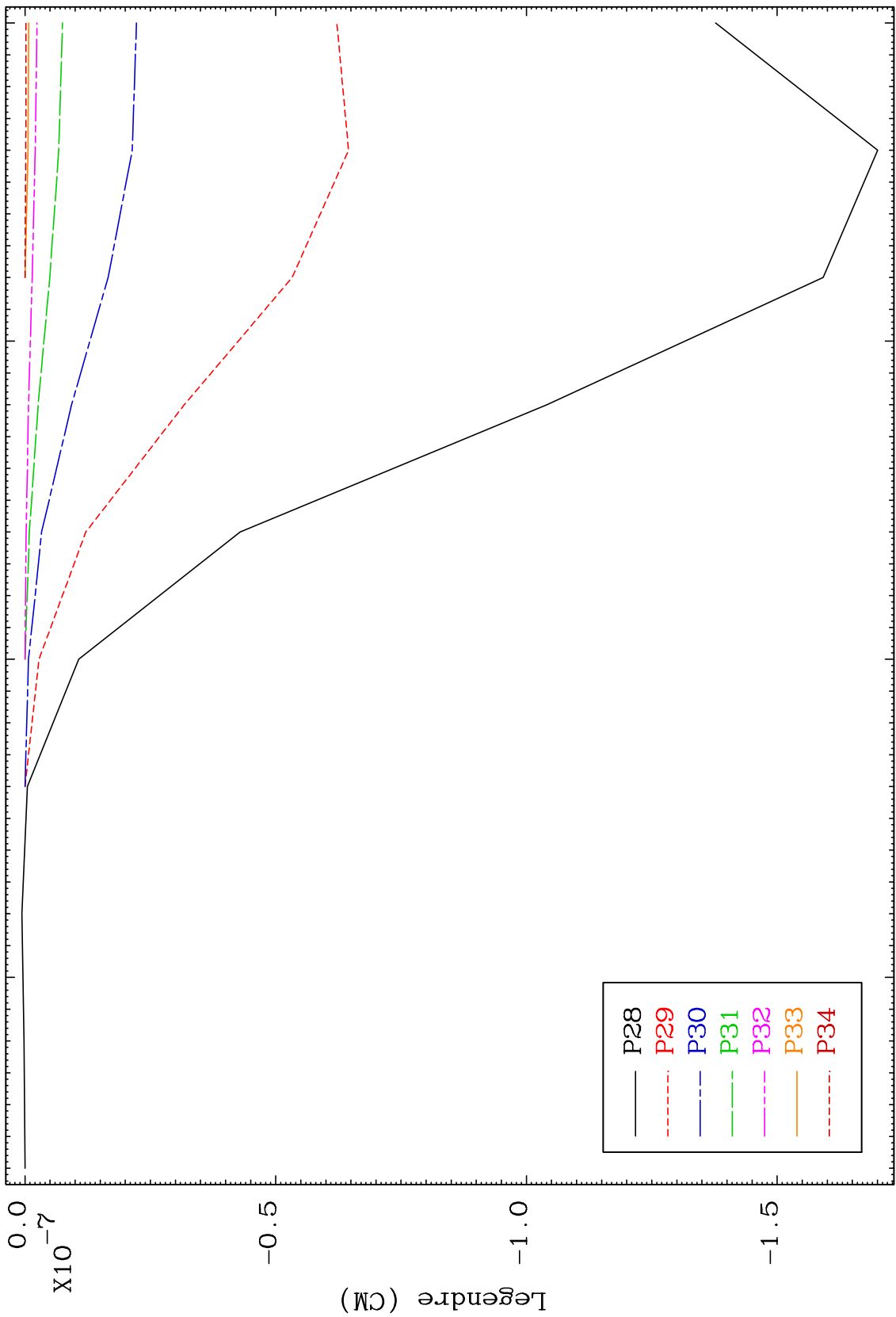
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

<sup>34</sup>Se-74

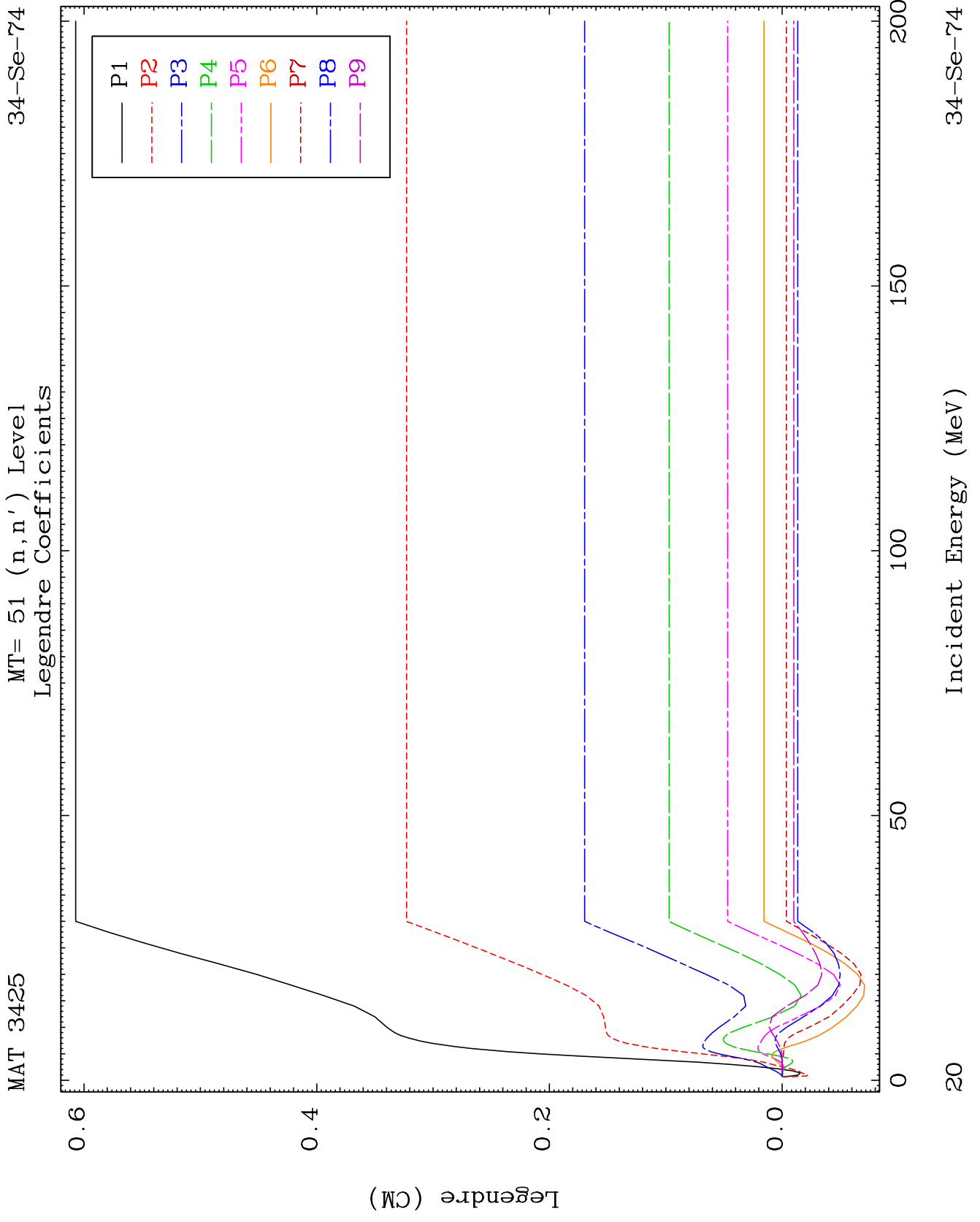
Elastic Legendre Coefficients

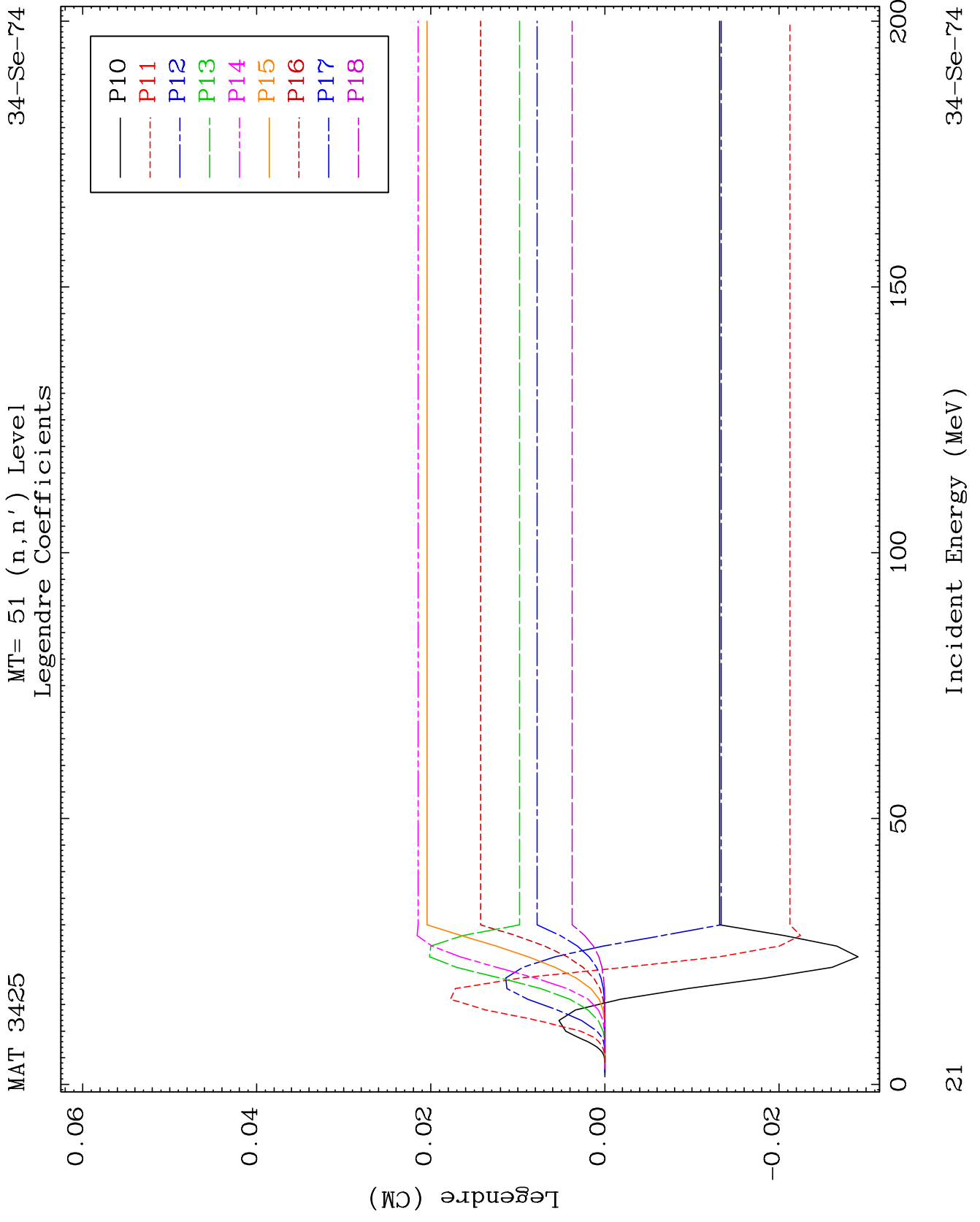


19

Incident Energy (MeV)

<sup>34</sup>Se-74

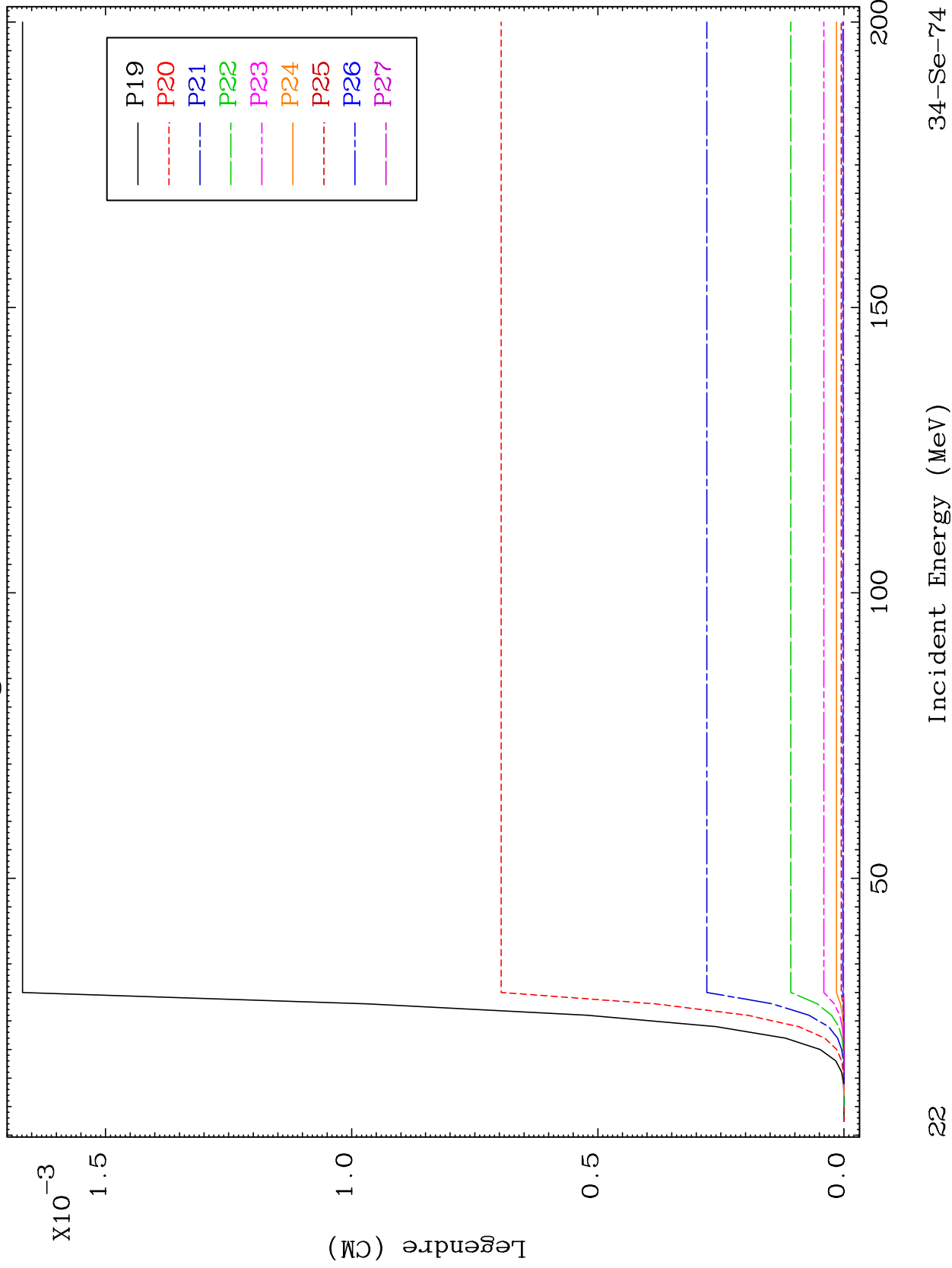




MAT 3425

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

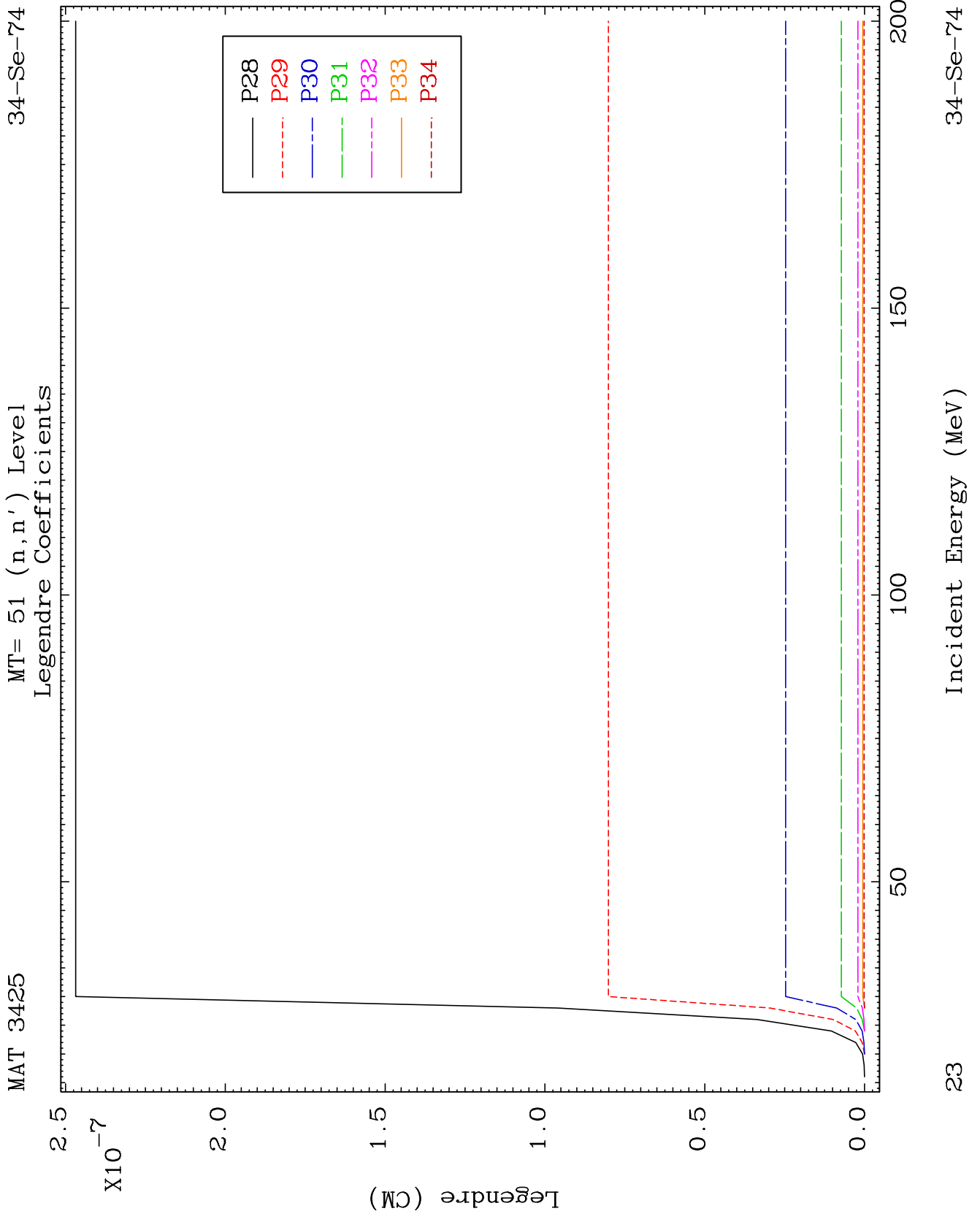
<sup>34</sup>Se-74



22

Incident Energy (MeV)

<sup>34</sup>Se-74

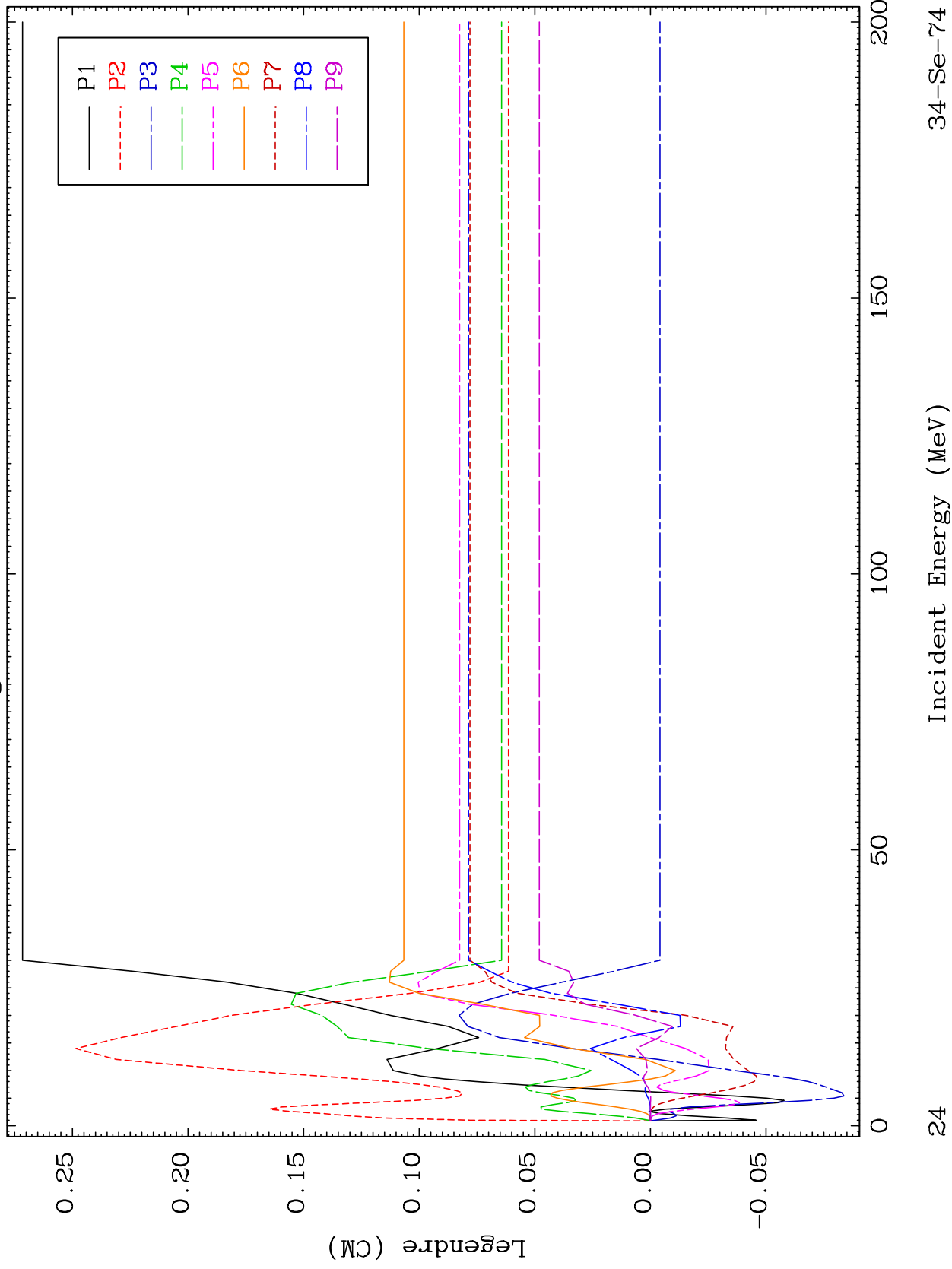




MAT 3425

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

34-Se-74



34-Se-74

Incident Energy (MeV)

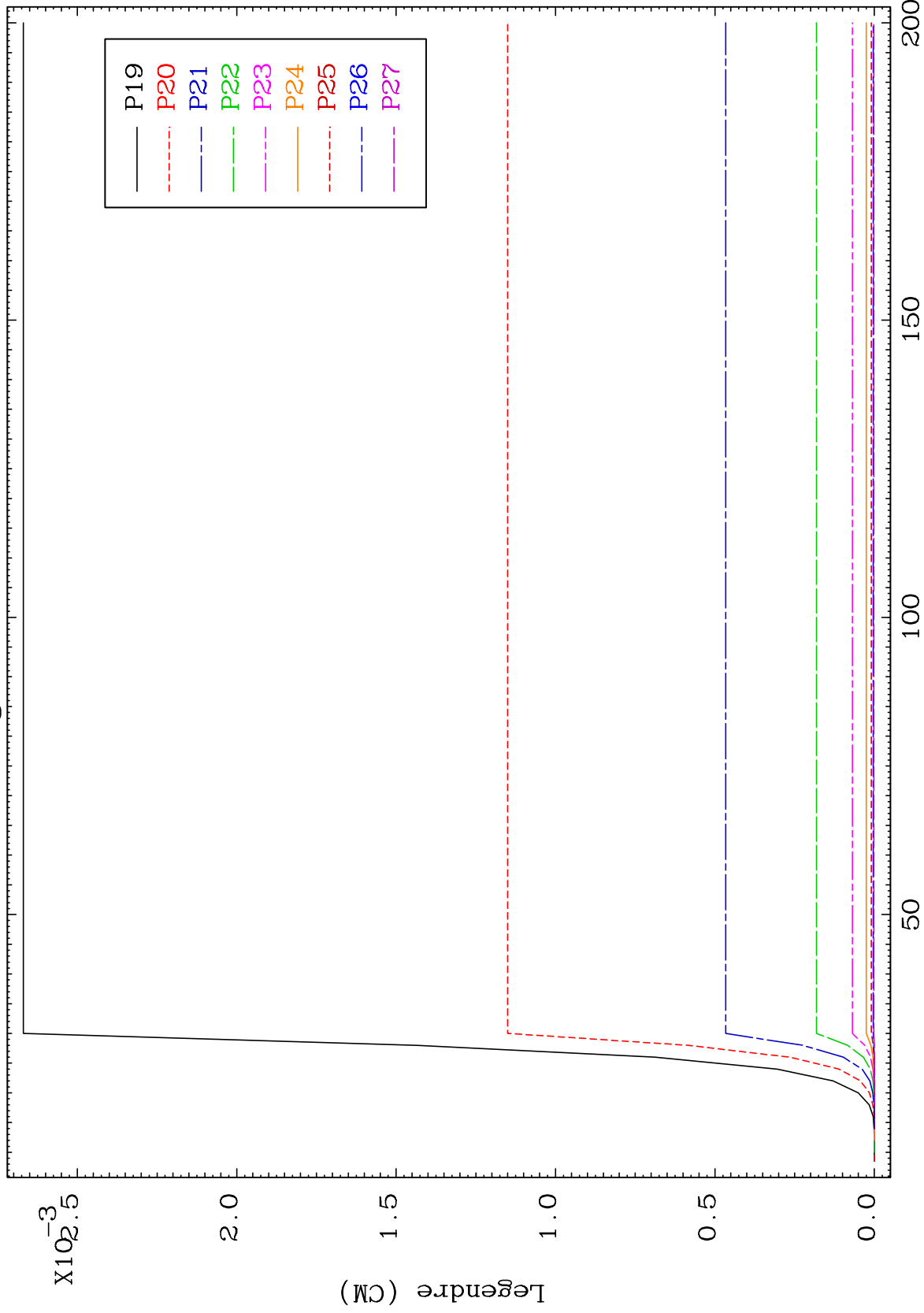
24



MAT 3425

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

<sup>34</sup>Se-74



26

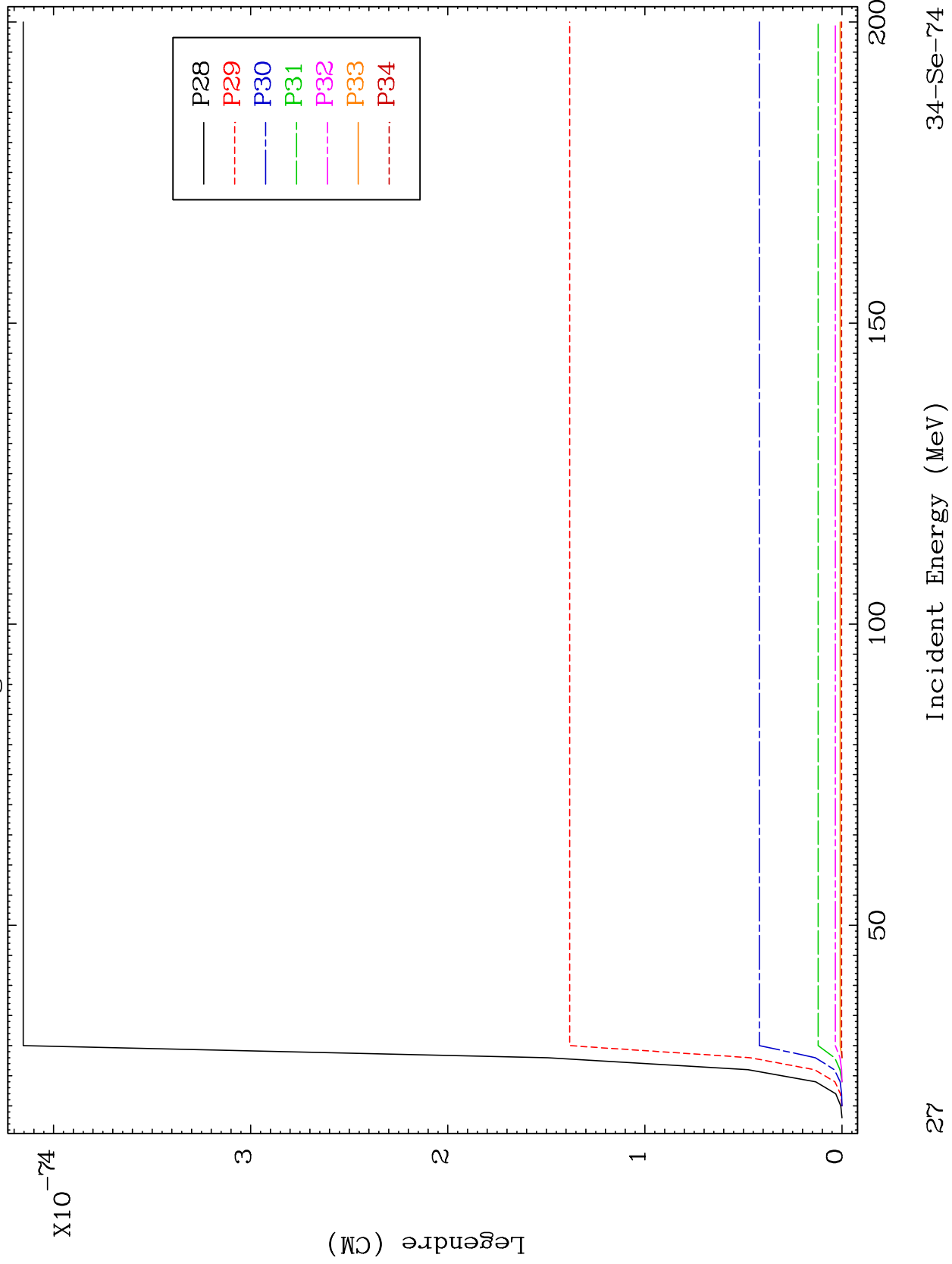
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

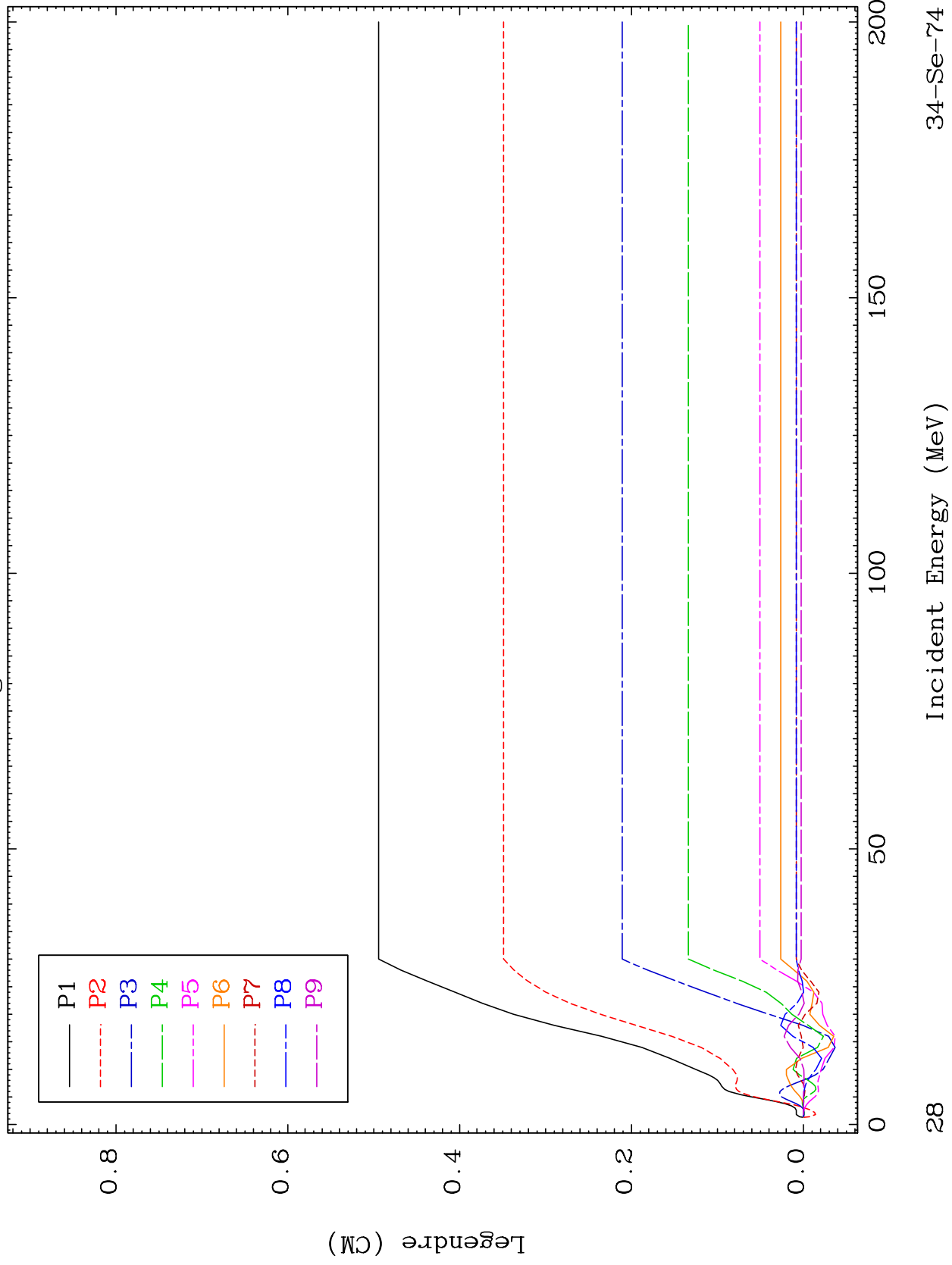
<sup>34</sup>Se-74



MAT 3425

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

<sup>34</sup>Se-74



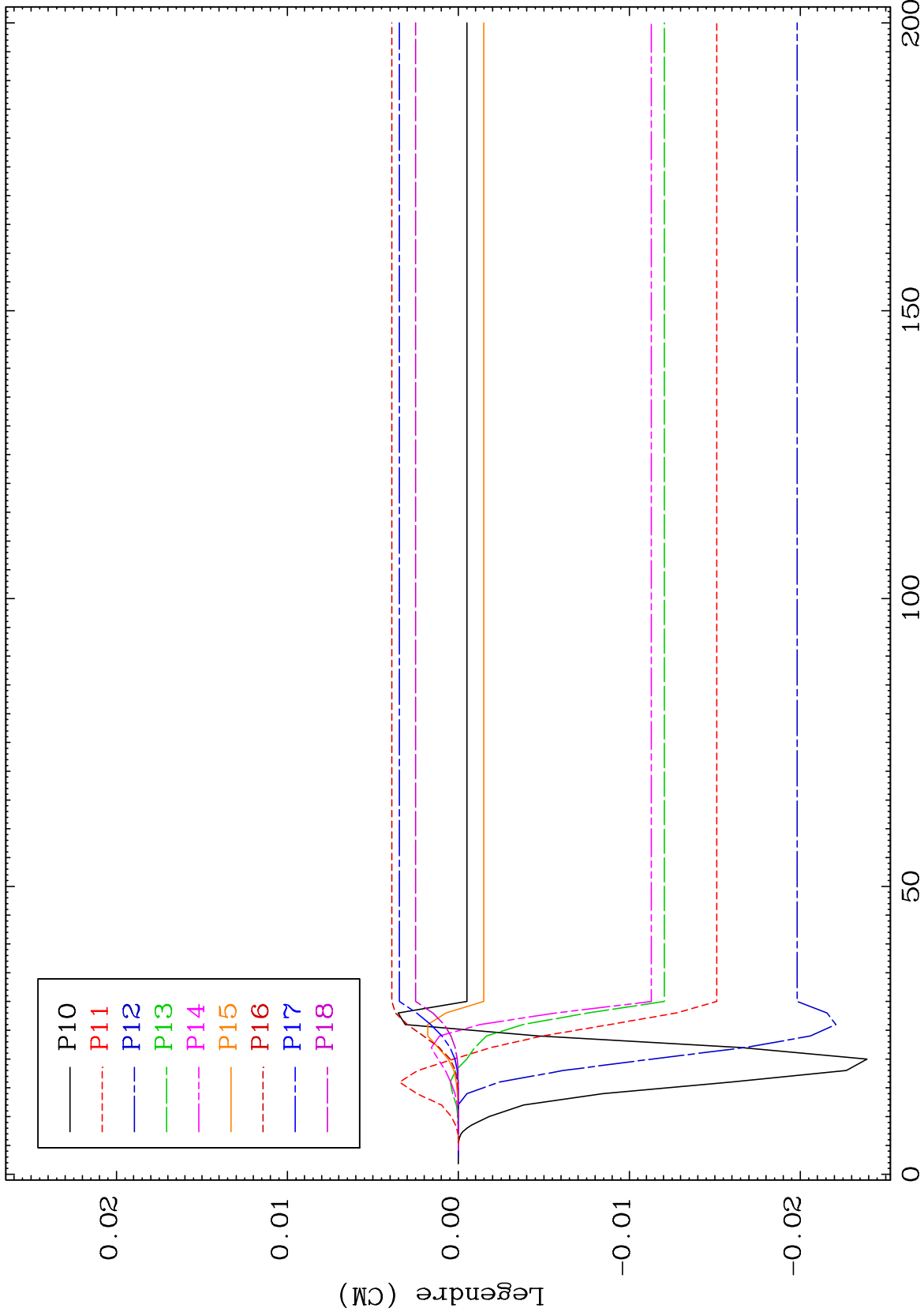
28

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



29

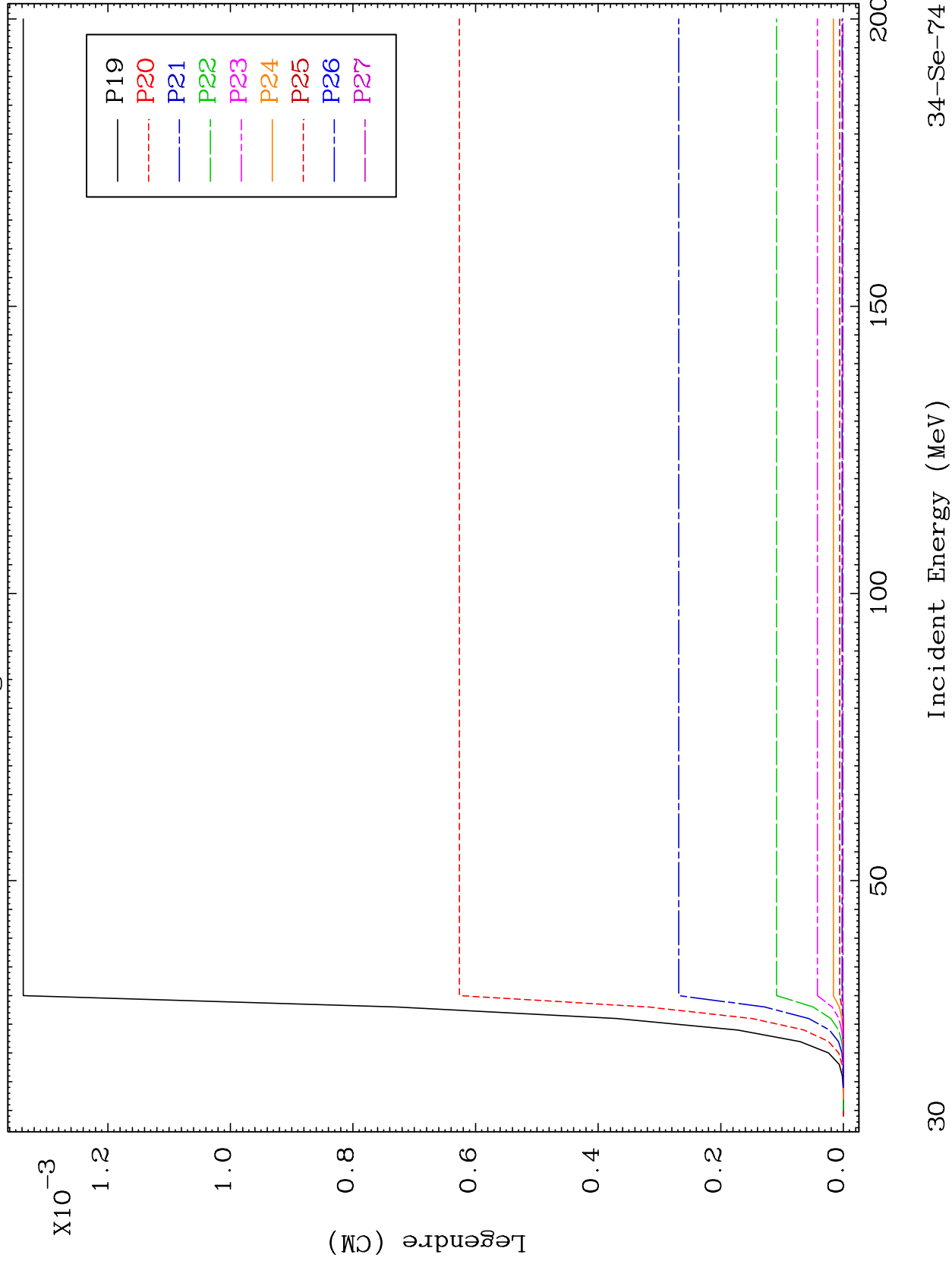
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74

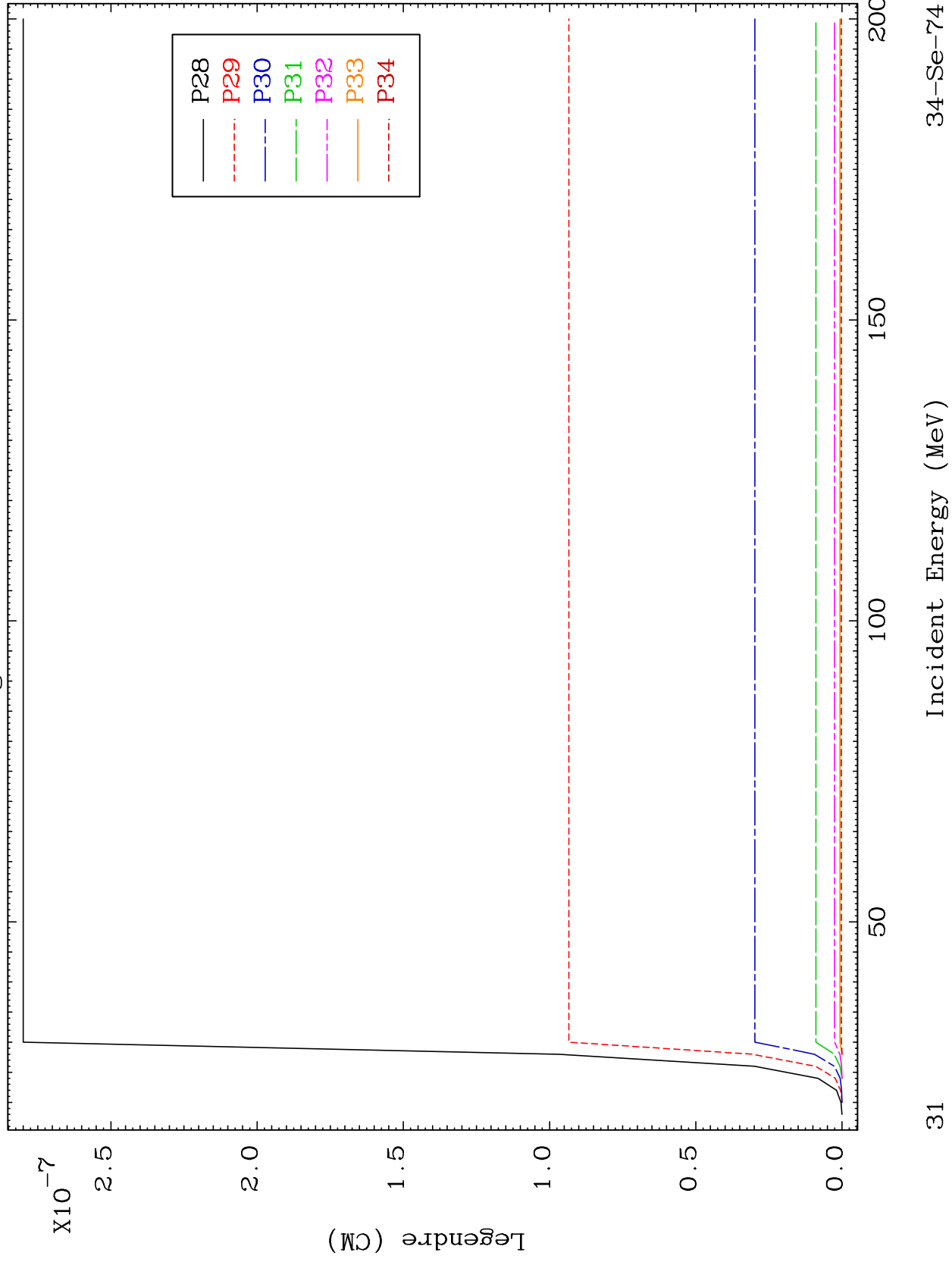


<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74



31

Incident Energy (MeV)

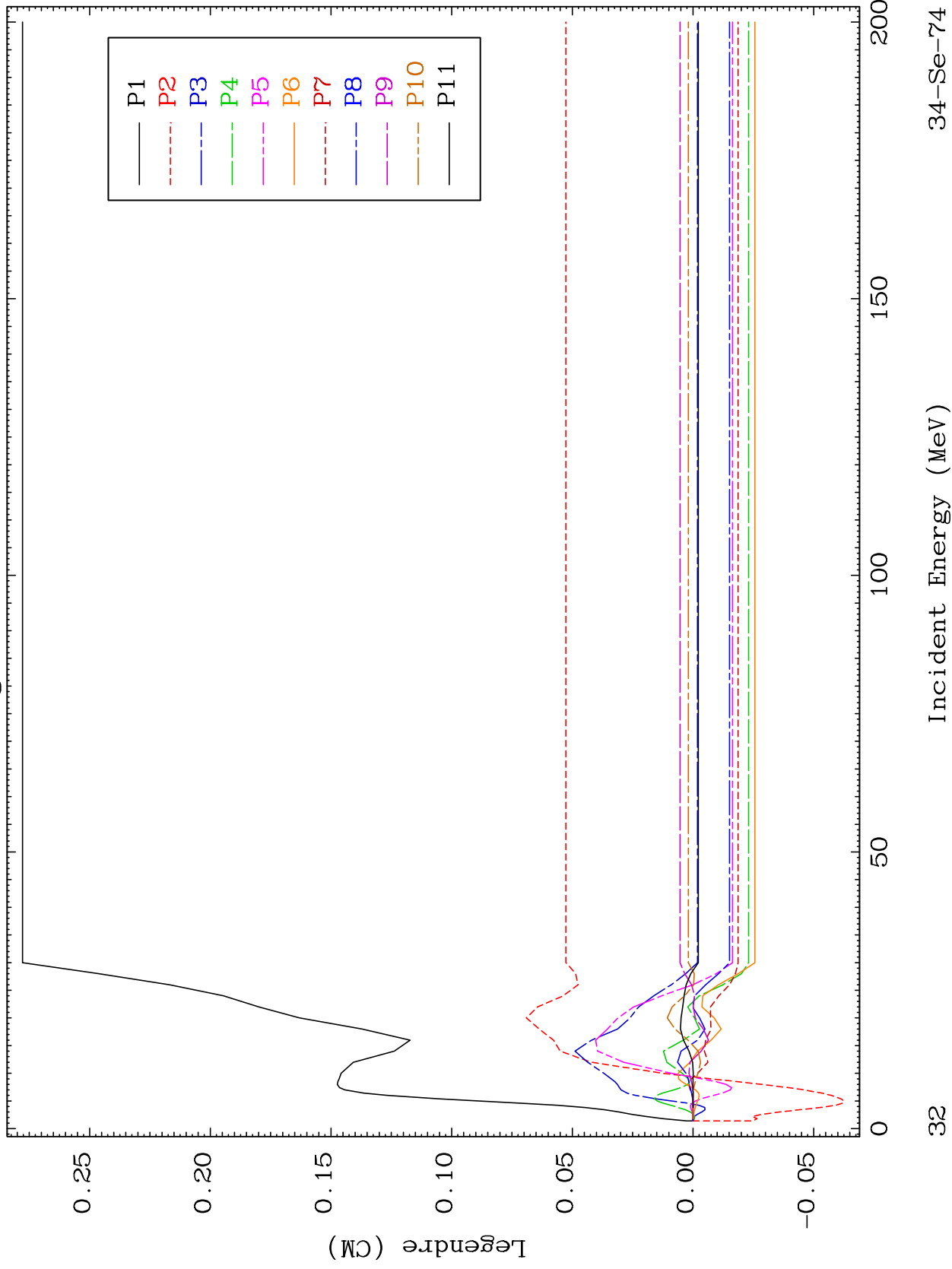
<sup>34</sup>Se-74



MAT 3425

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

<sup>34</sup>Se-74



<sup>34</sup>Se-74

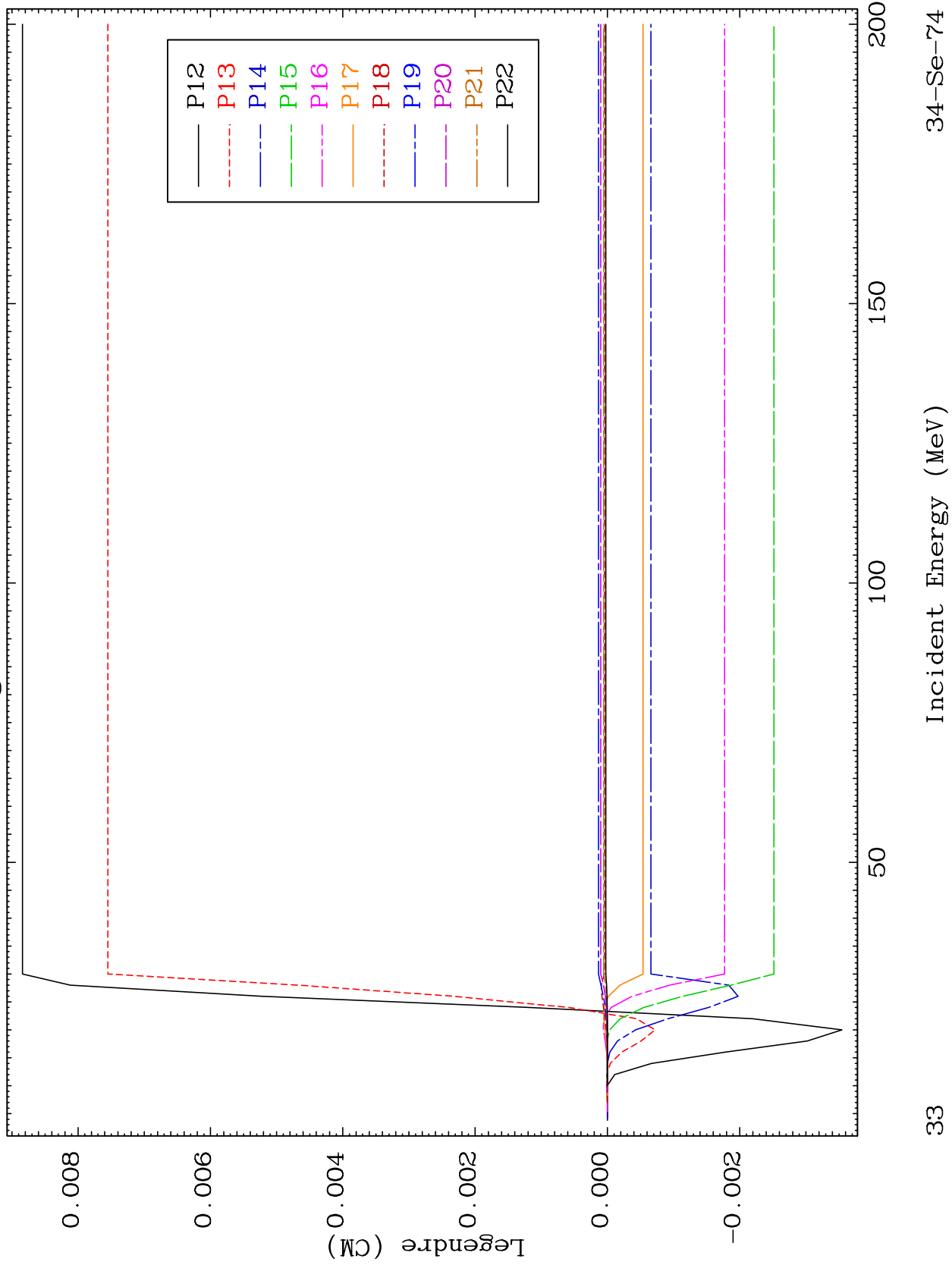
Incident Energy (MeV)

32

MAT 3425

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

<sup>34</sup>Se-74



33

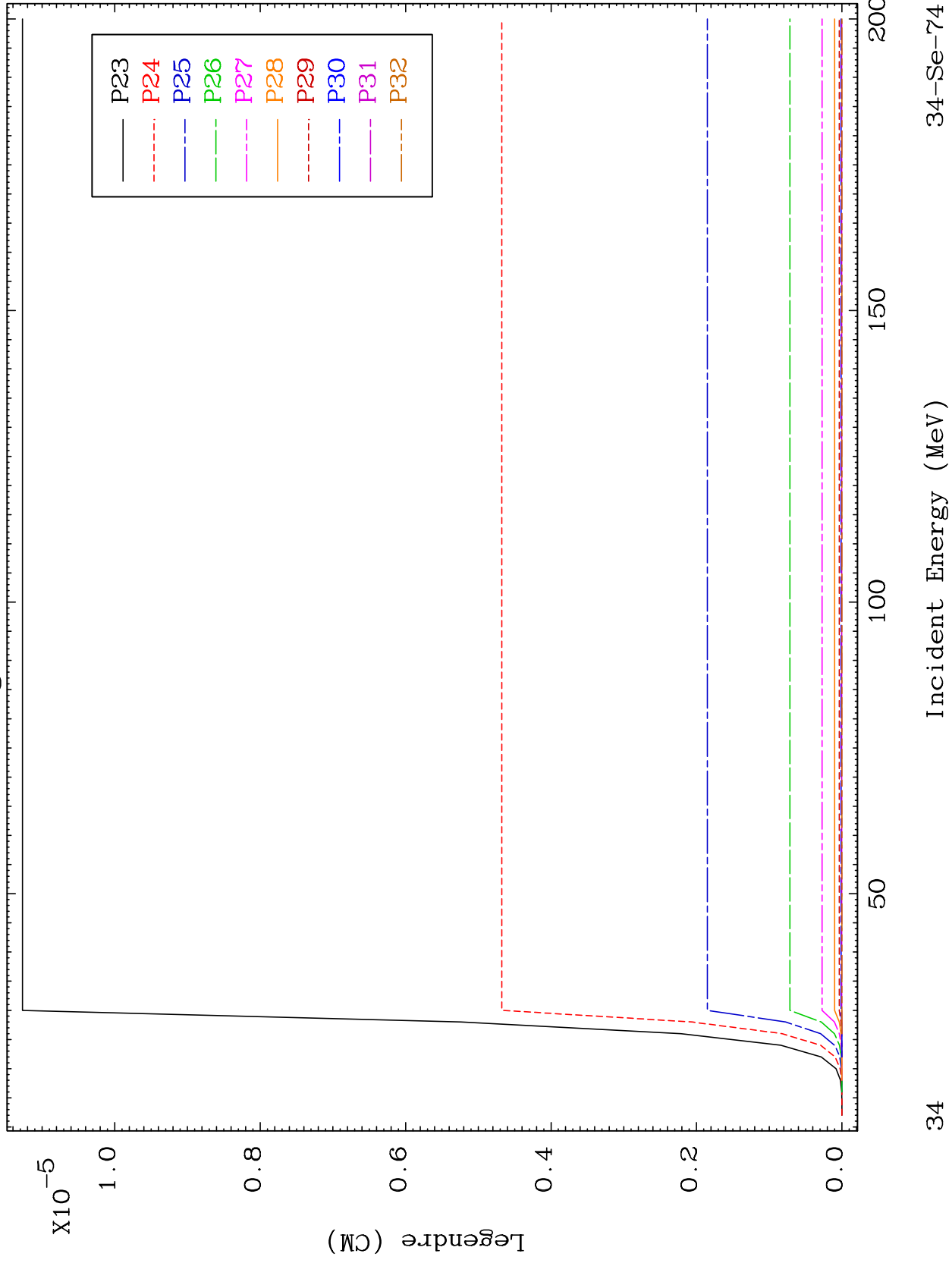
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

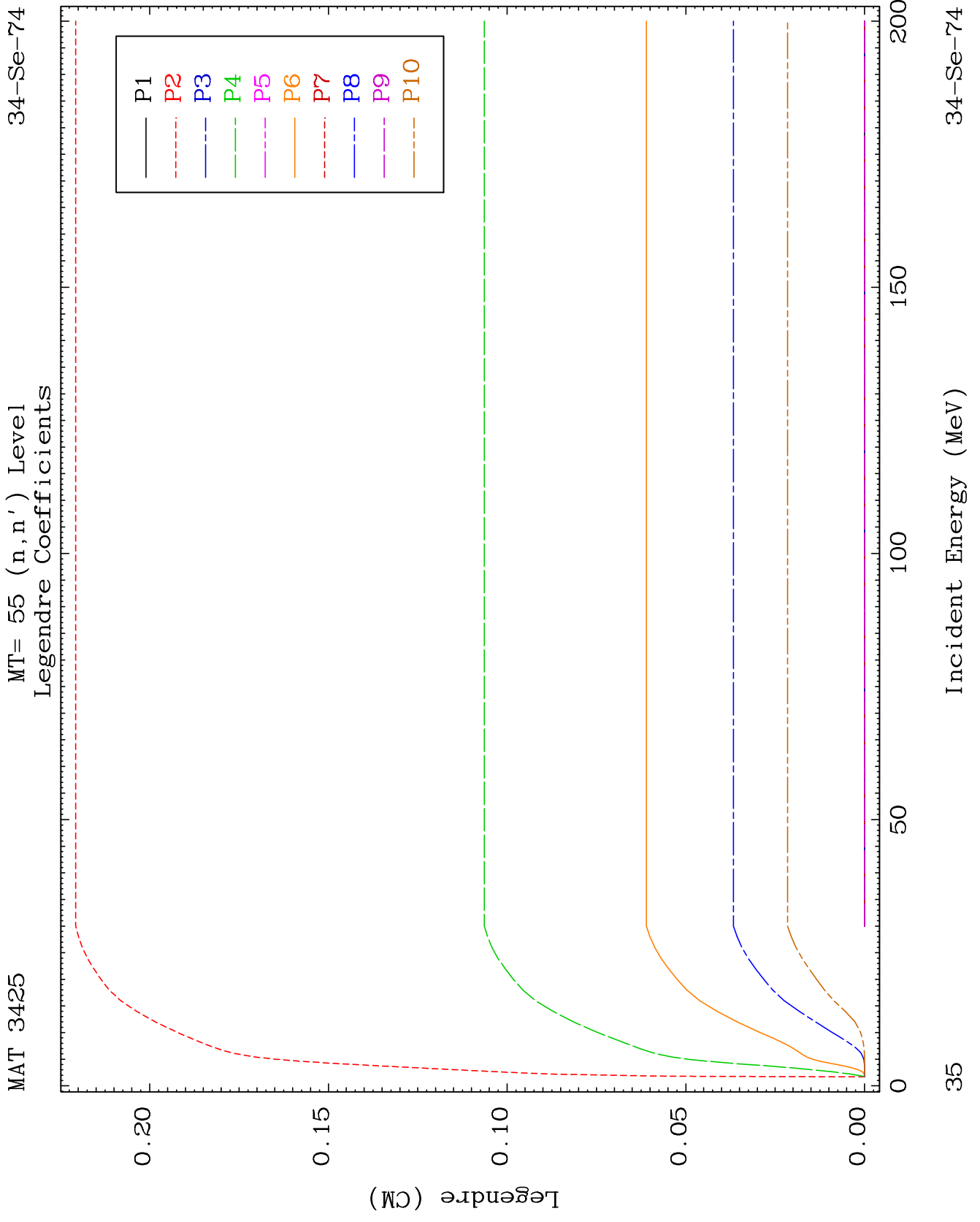
MT= 54 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-74



34

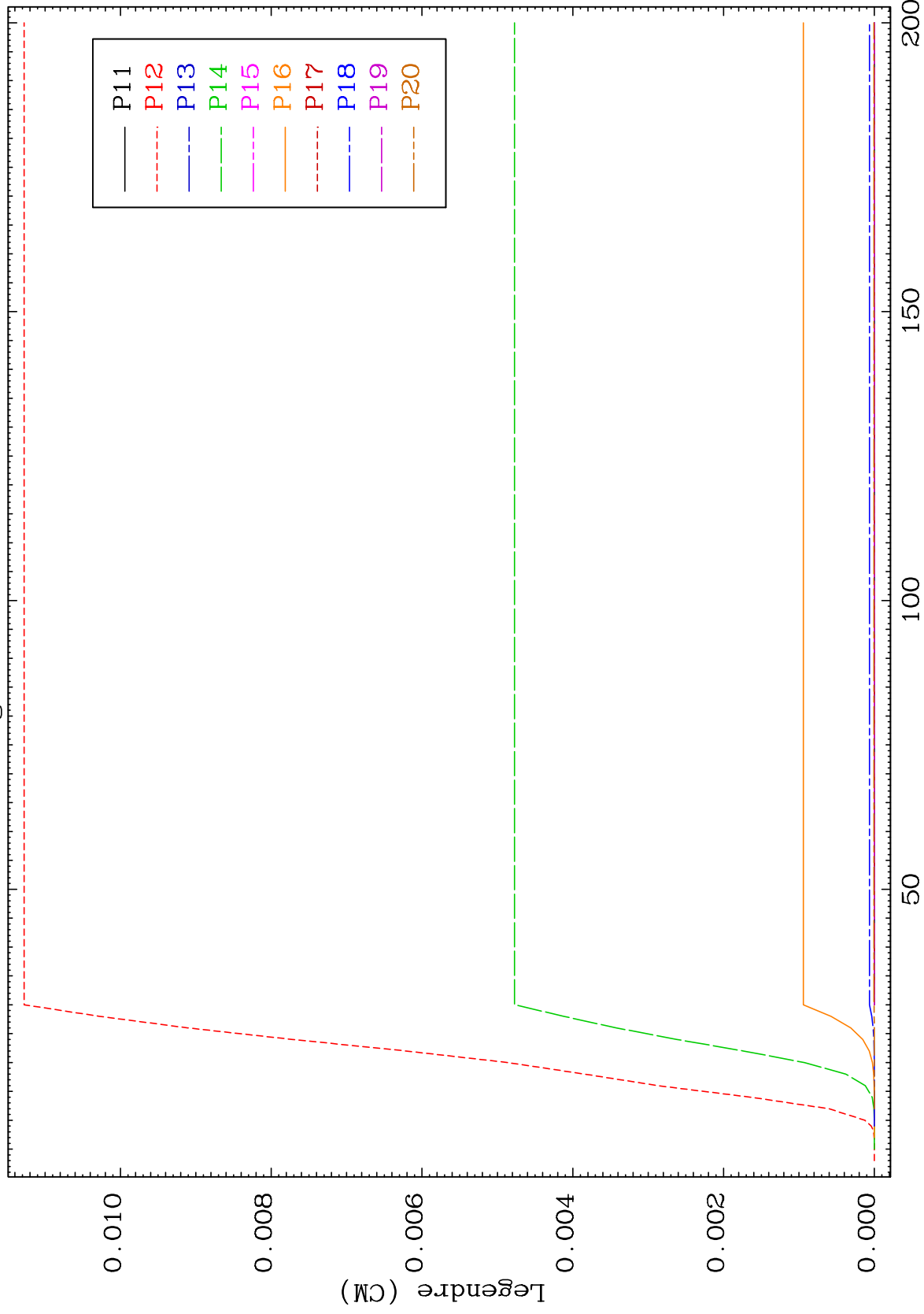
<sup>34</sup>Se-74



MAT 3425

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

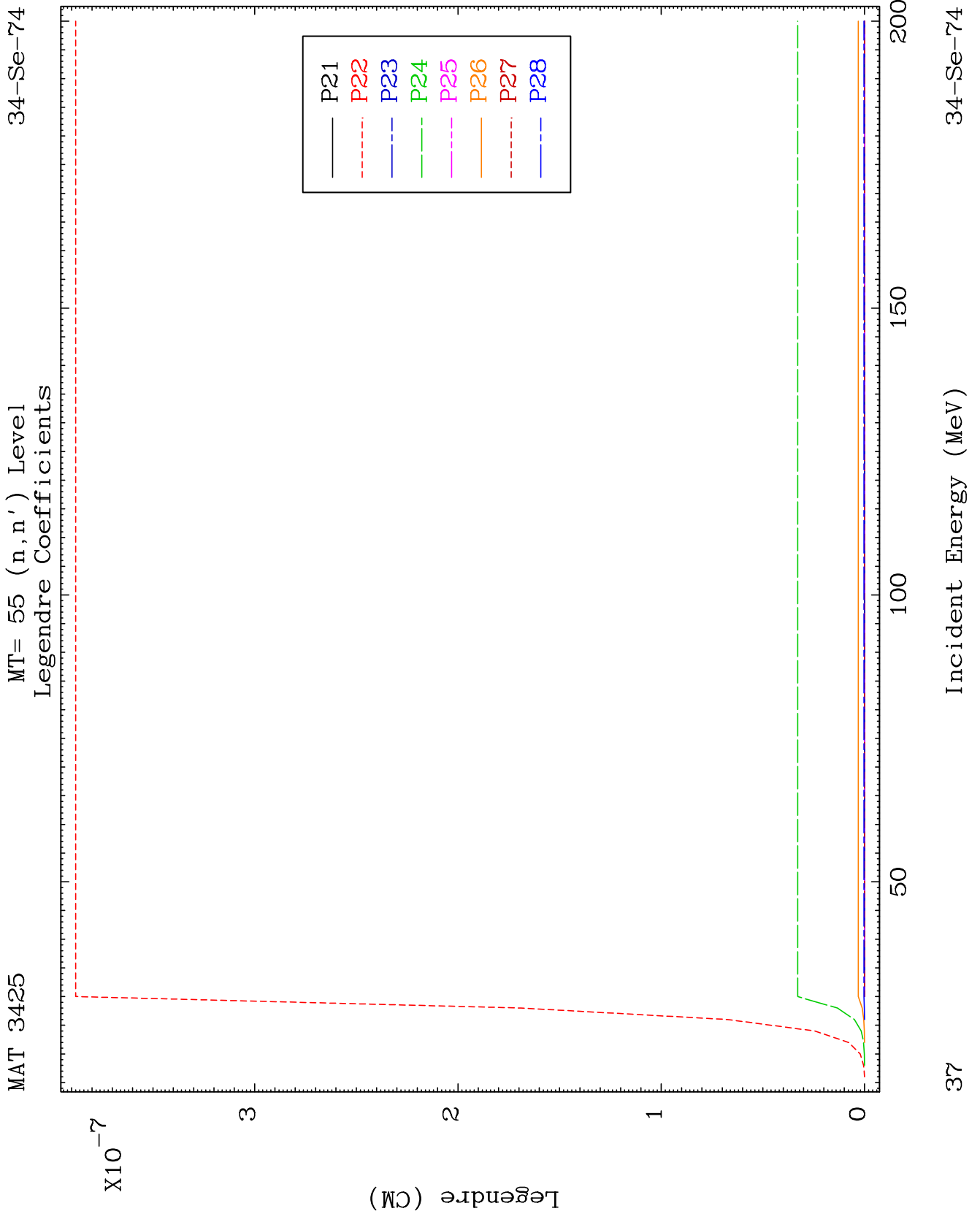
<sup>34</sup>Se-74

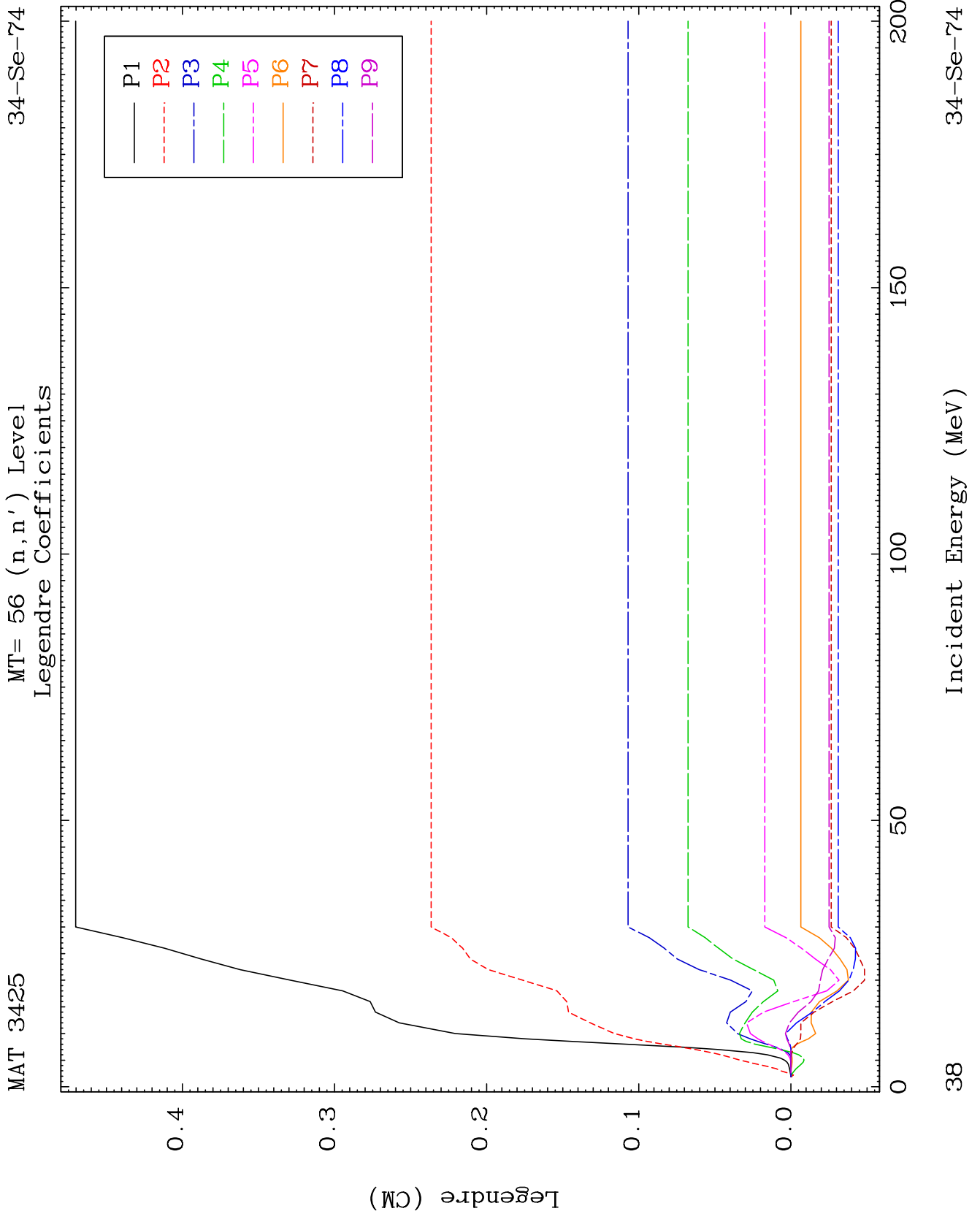


36

Incident Energy (MeV)

<sup>34</sup>Se-74

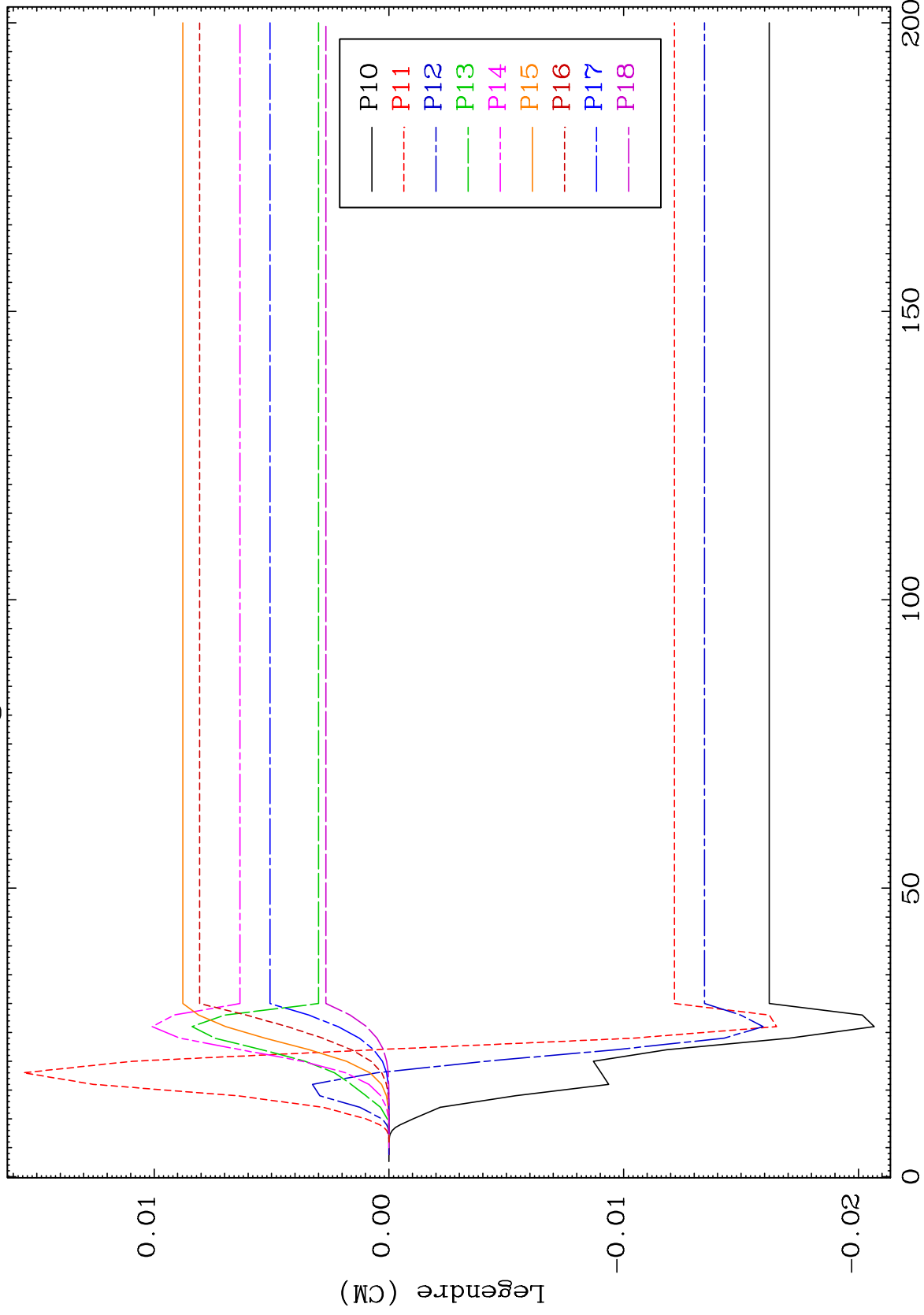




MAT 3425

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

34-Se-74



39

Incident Energy (MeV)

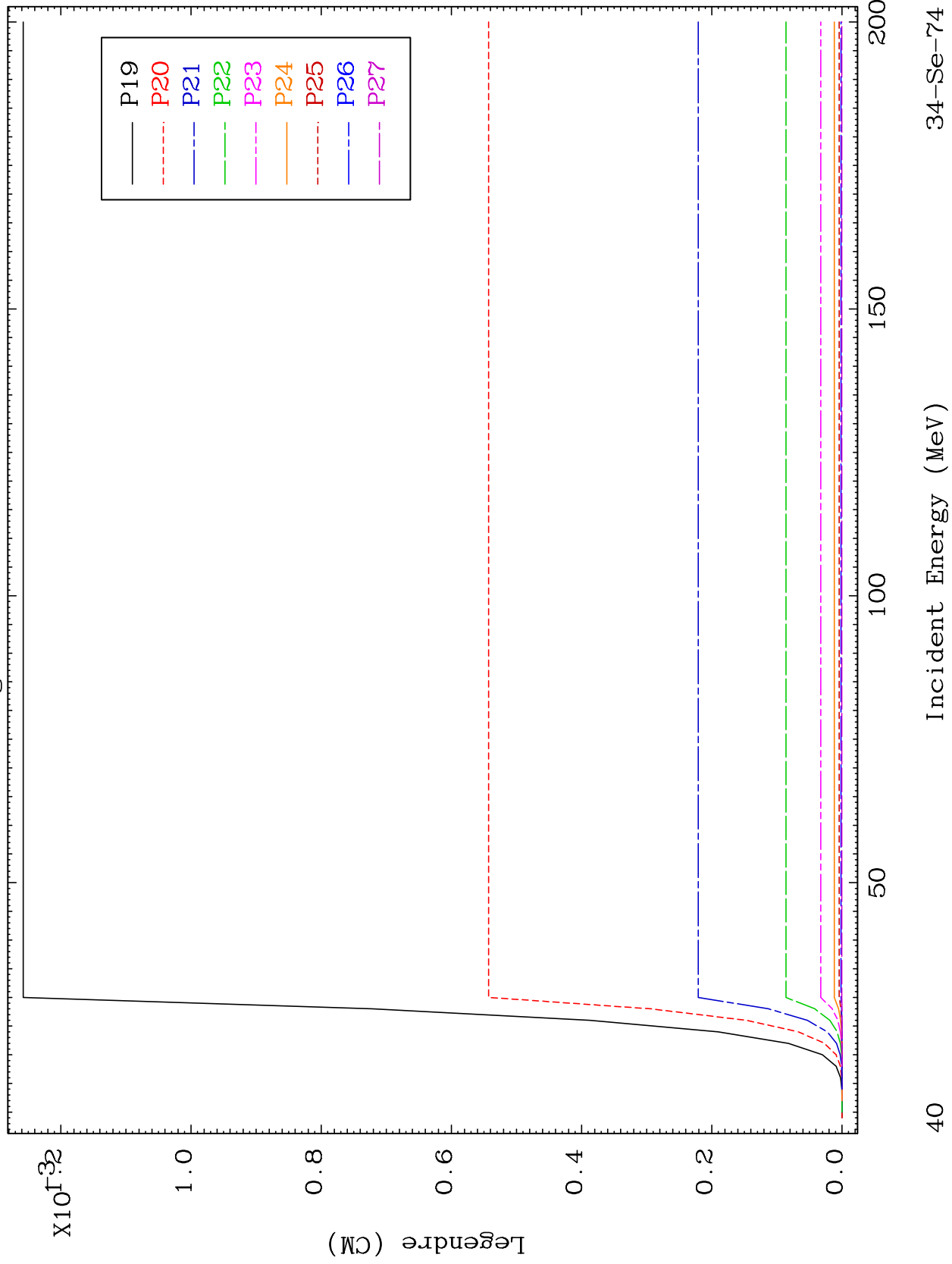
34-Se-74



MAT 3425

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

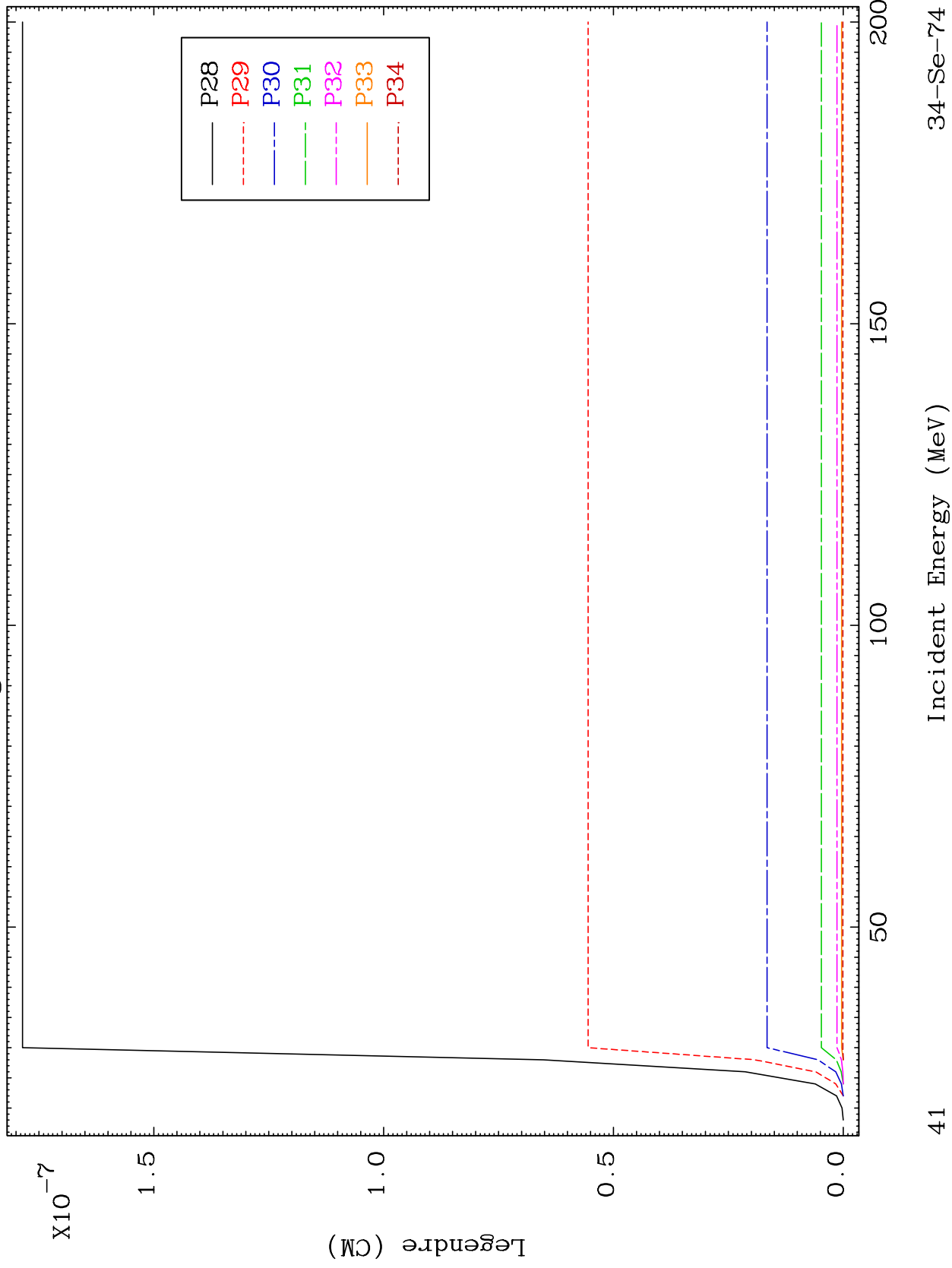
<sup>34</sup>Se-74



MAT 3425

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

34-Se-74



41

Incident Energy (MeV)

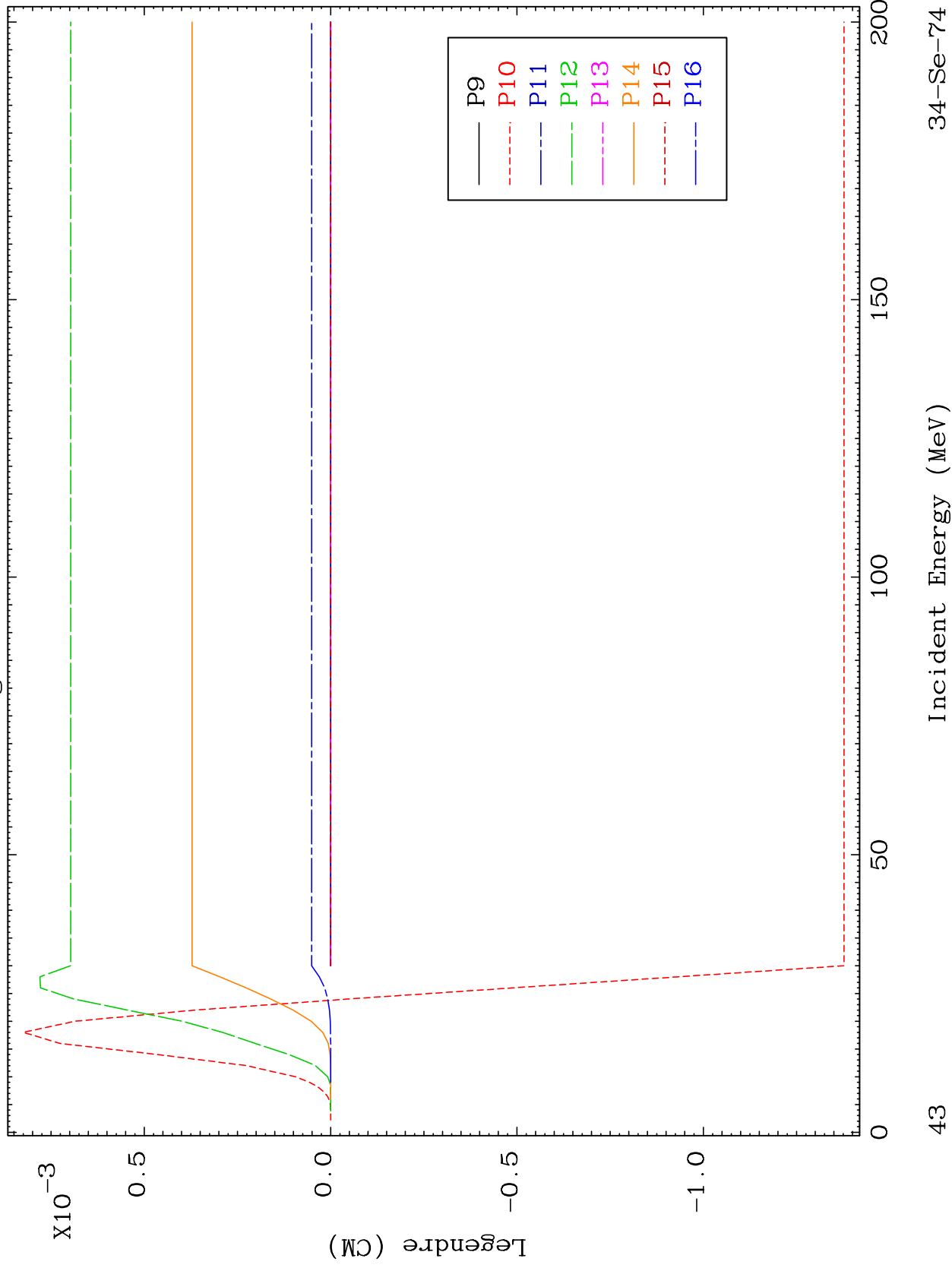
34-Se-74



MAT 3425

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

34-Se-74



43

Incident Energy (MeV)

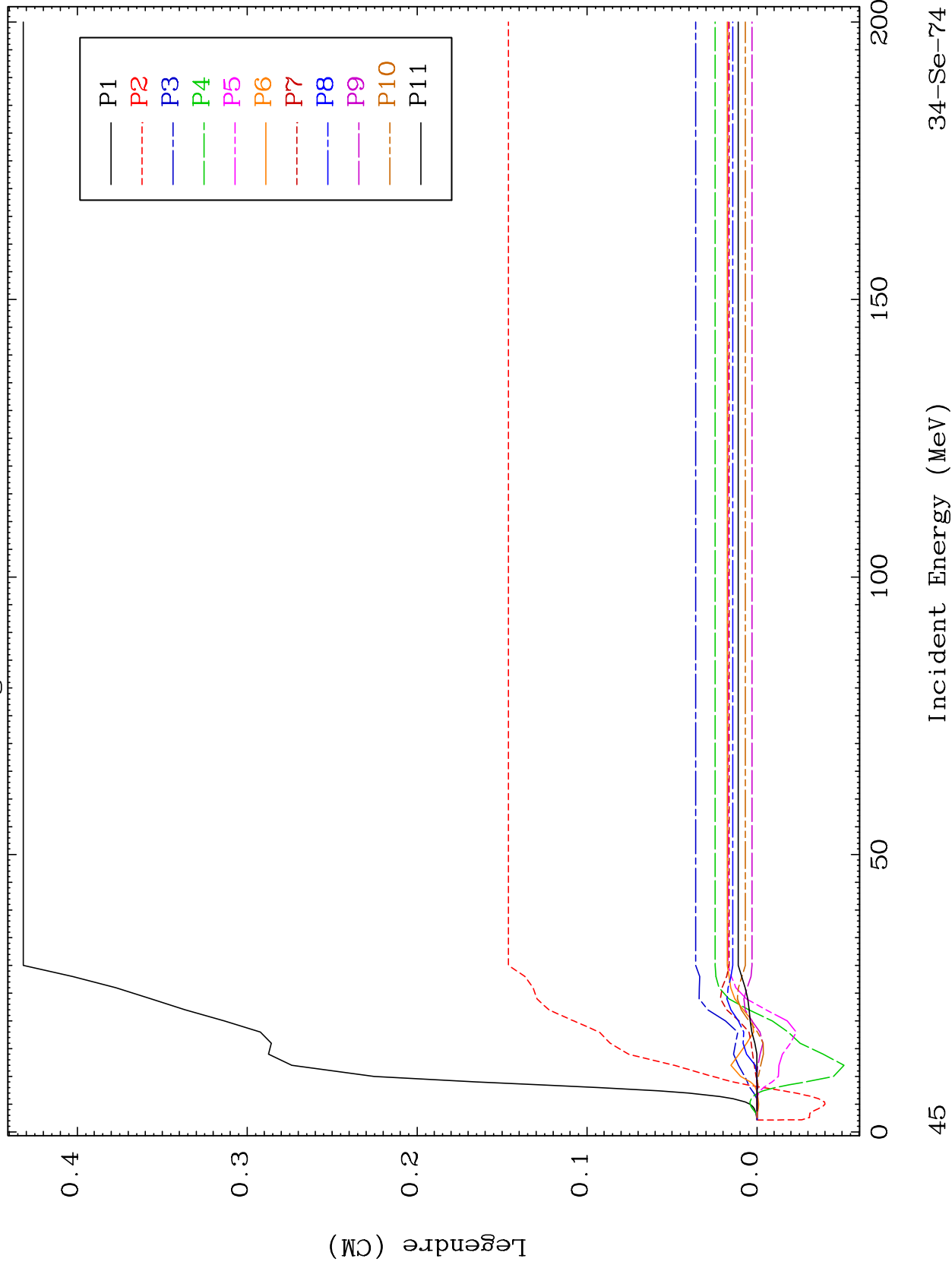
34-Se-74



MAT 3425

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

<sup>34</sup>Se-74



<sup>34</sup>Se-74

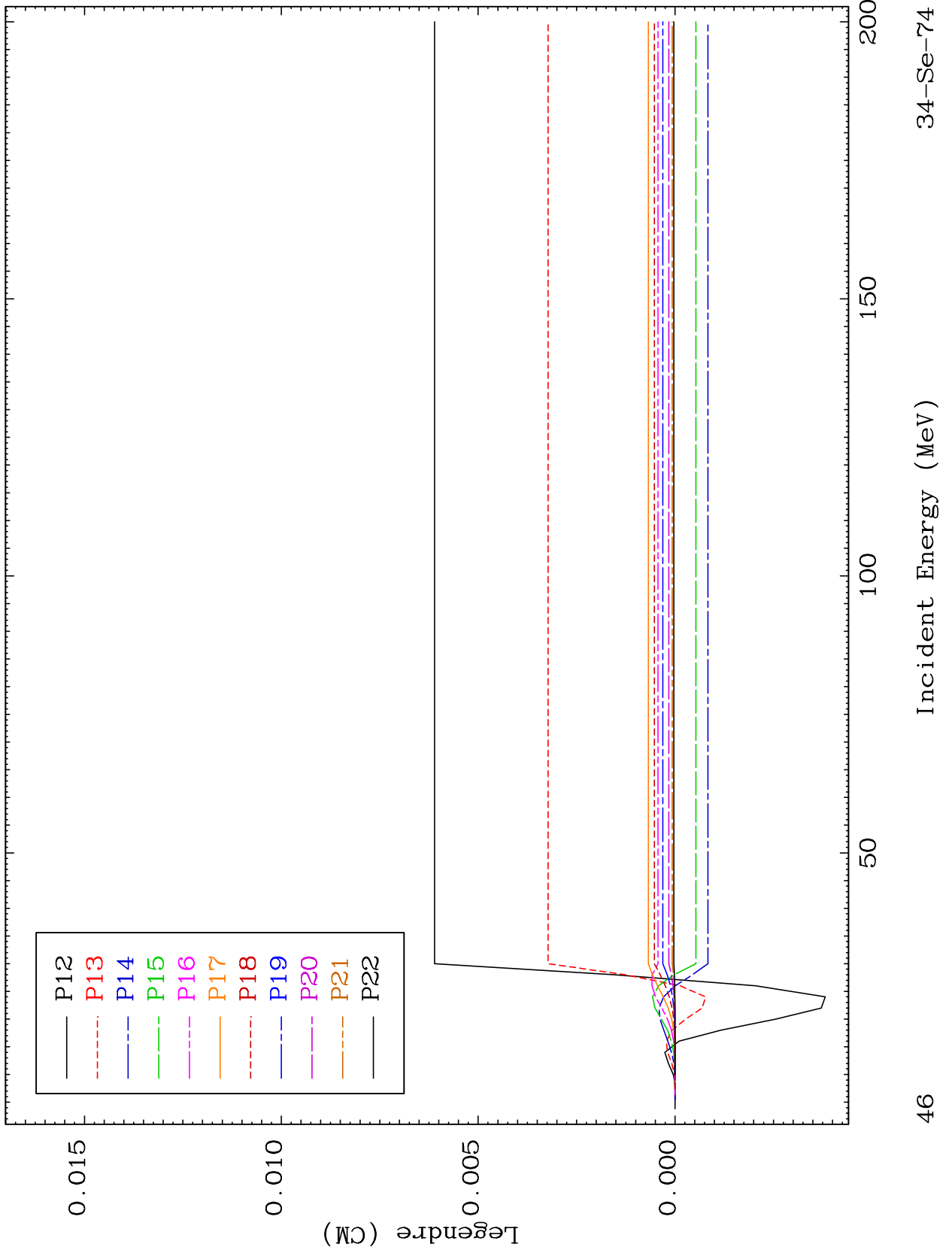
Incident Energy (MeV)

45

MAT 3425

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

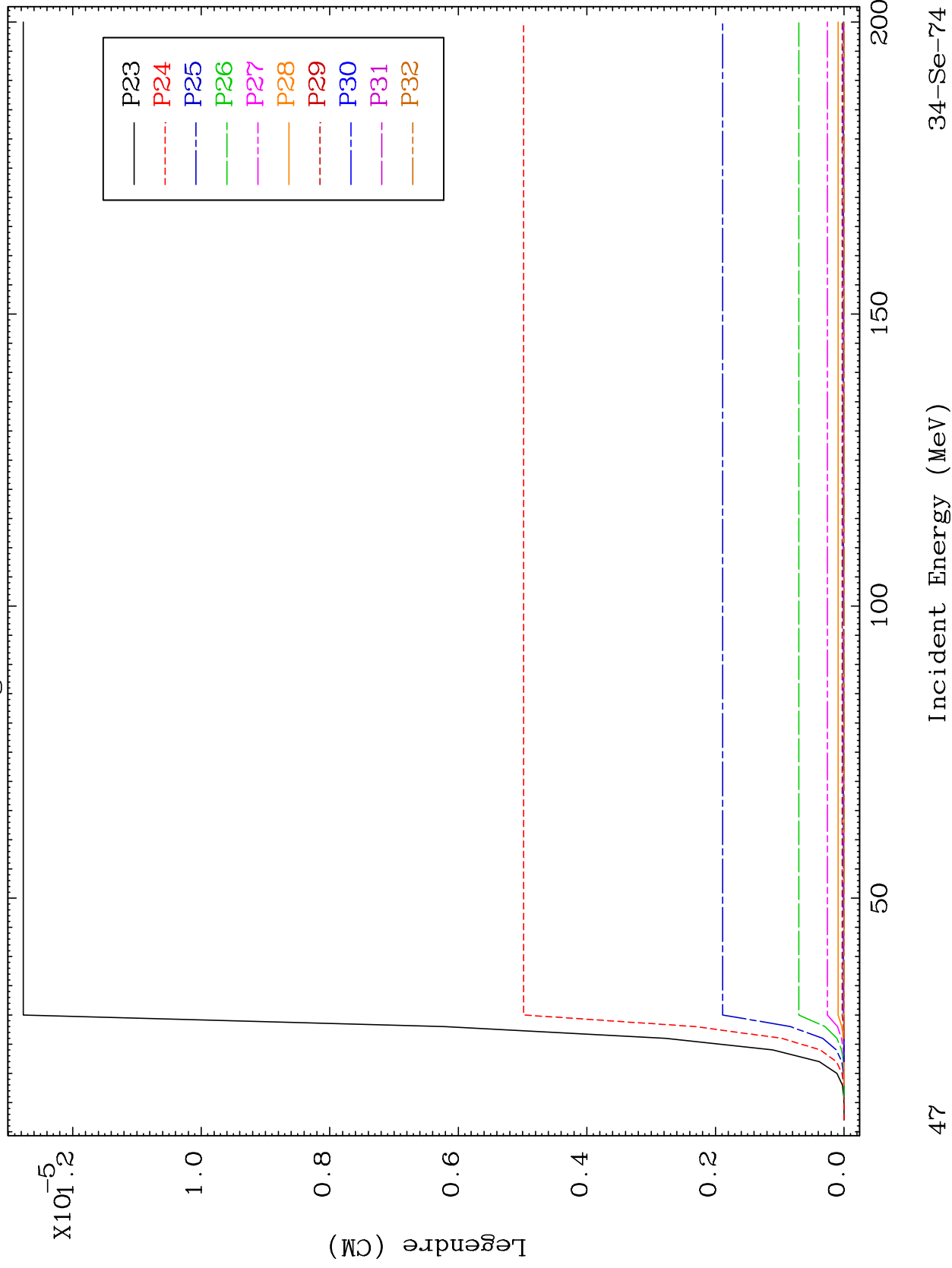
34-Se-74



MAT 3425

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

<sup>34</sup>Se-74



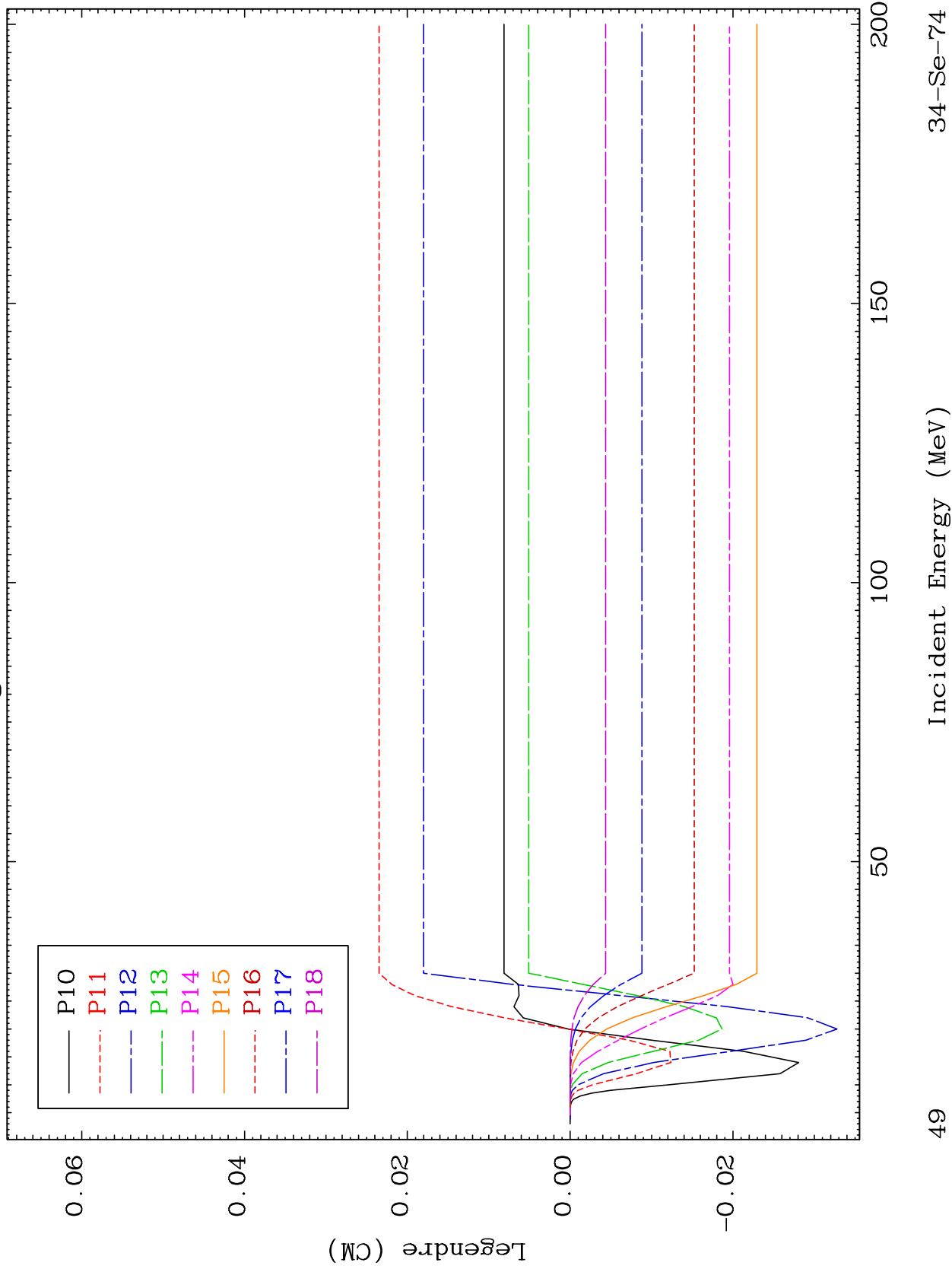
47

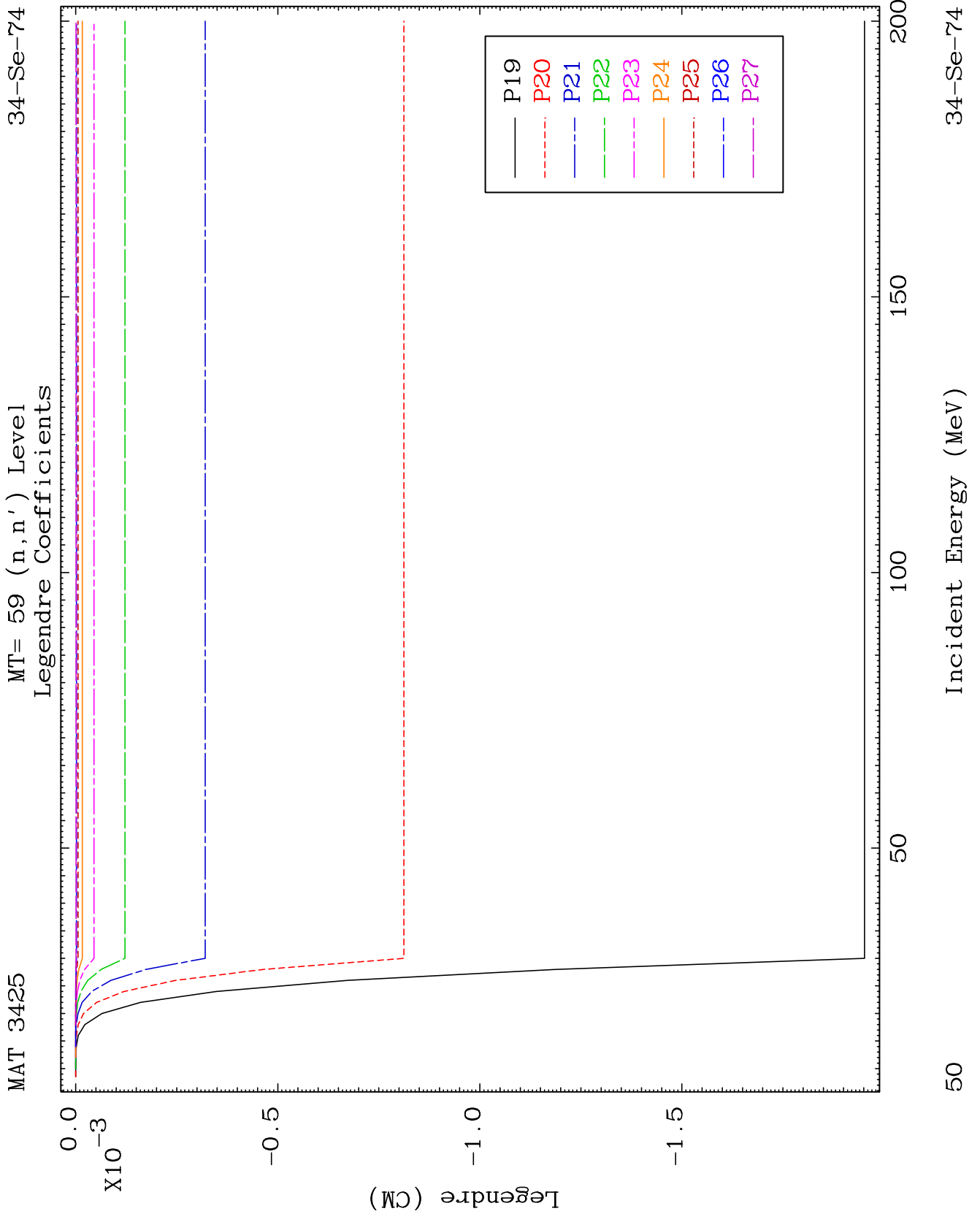
Incident Energy (MeV)

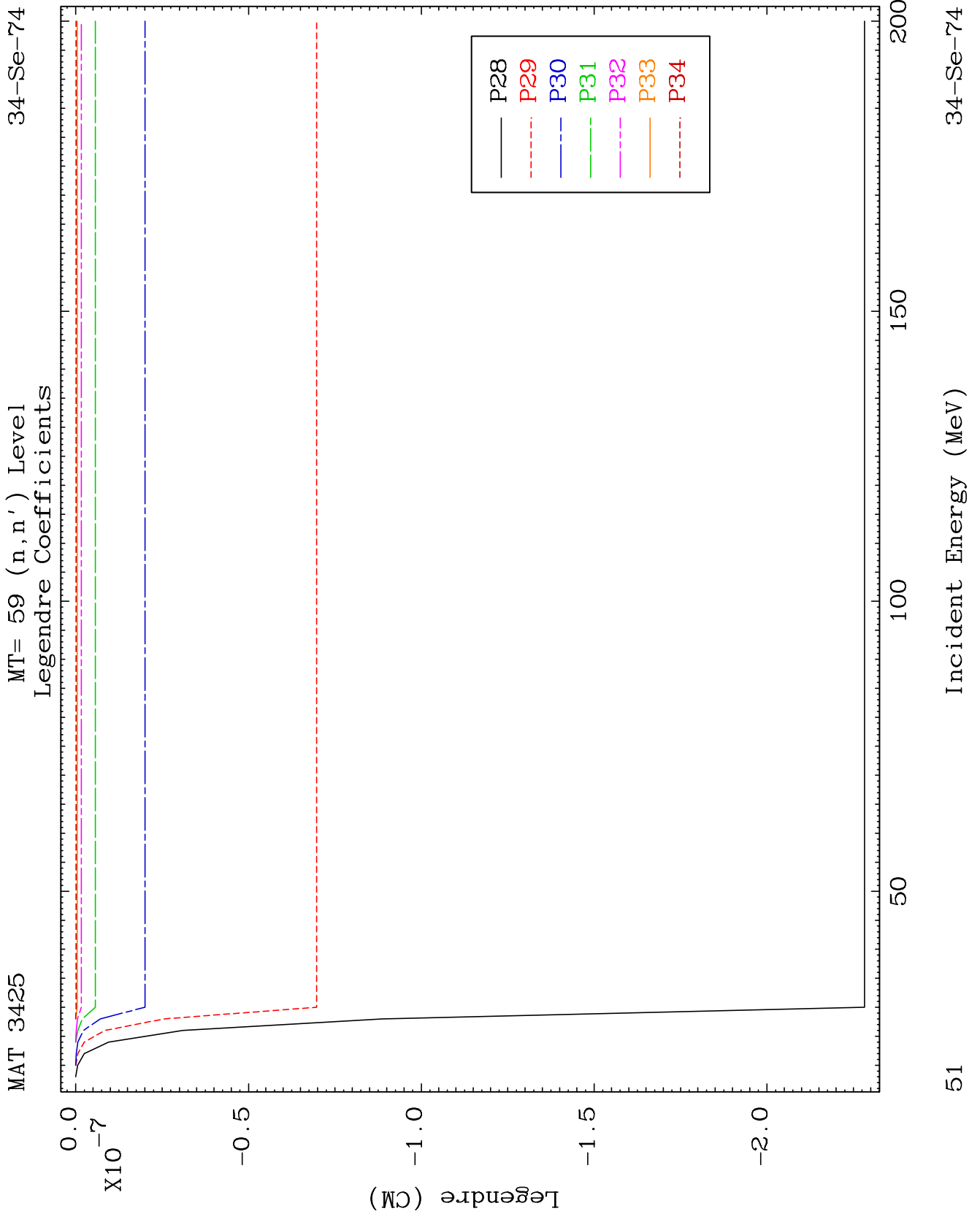
<sup>34</sup>Se-74







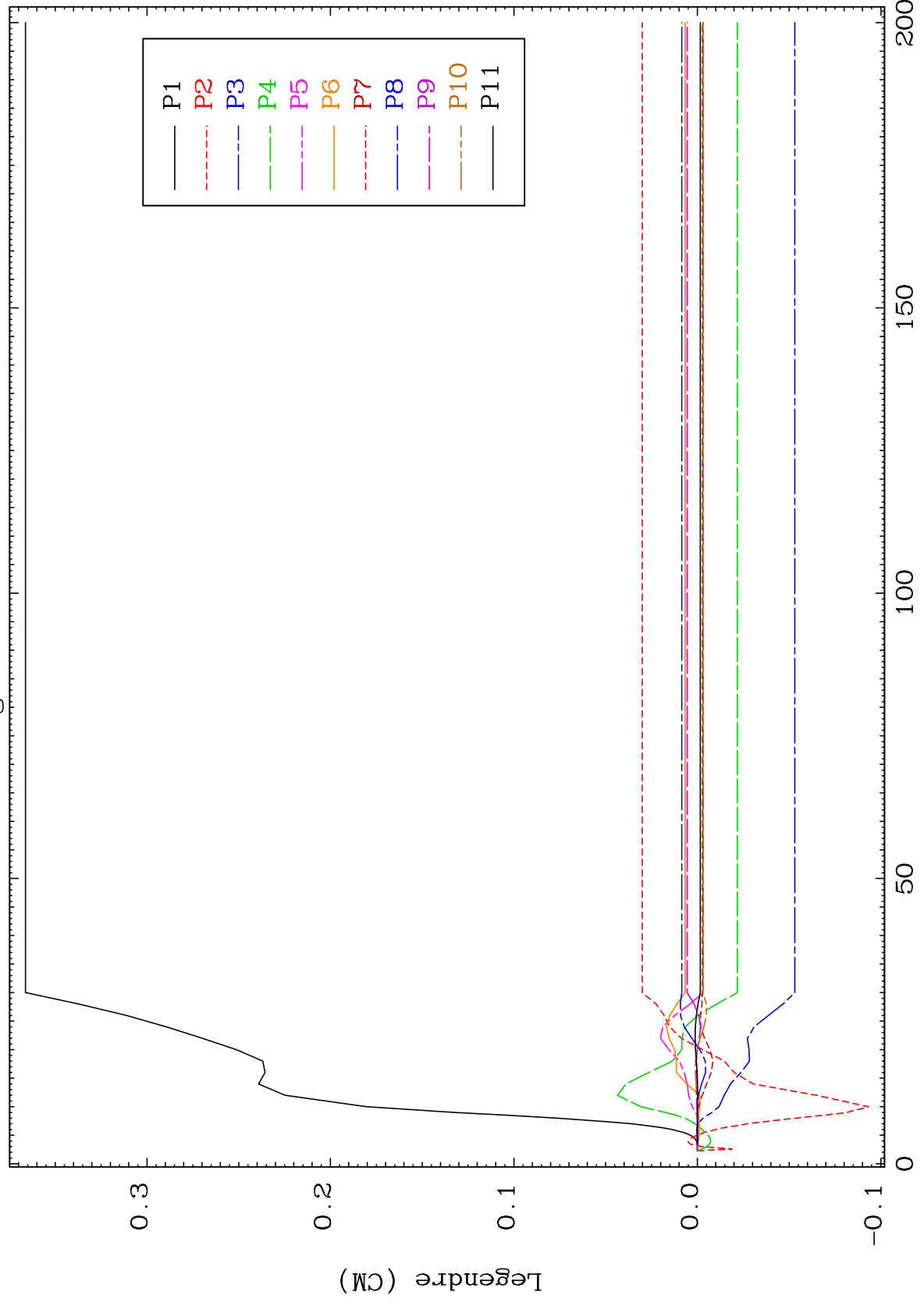




MAT 3425

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

<sup>34</sup>Se-74



<sup>34</sup>Se-74

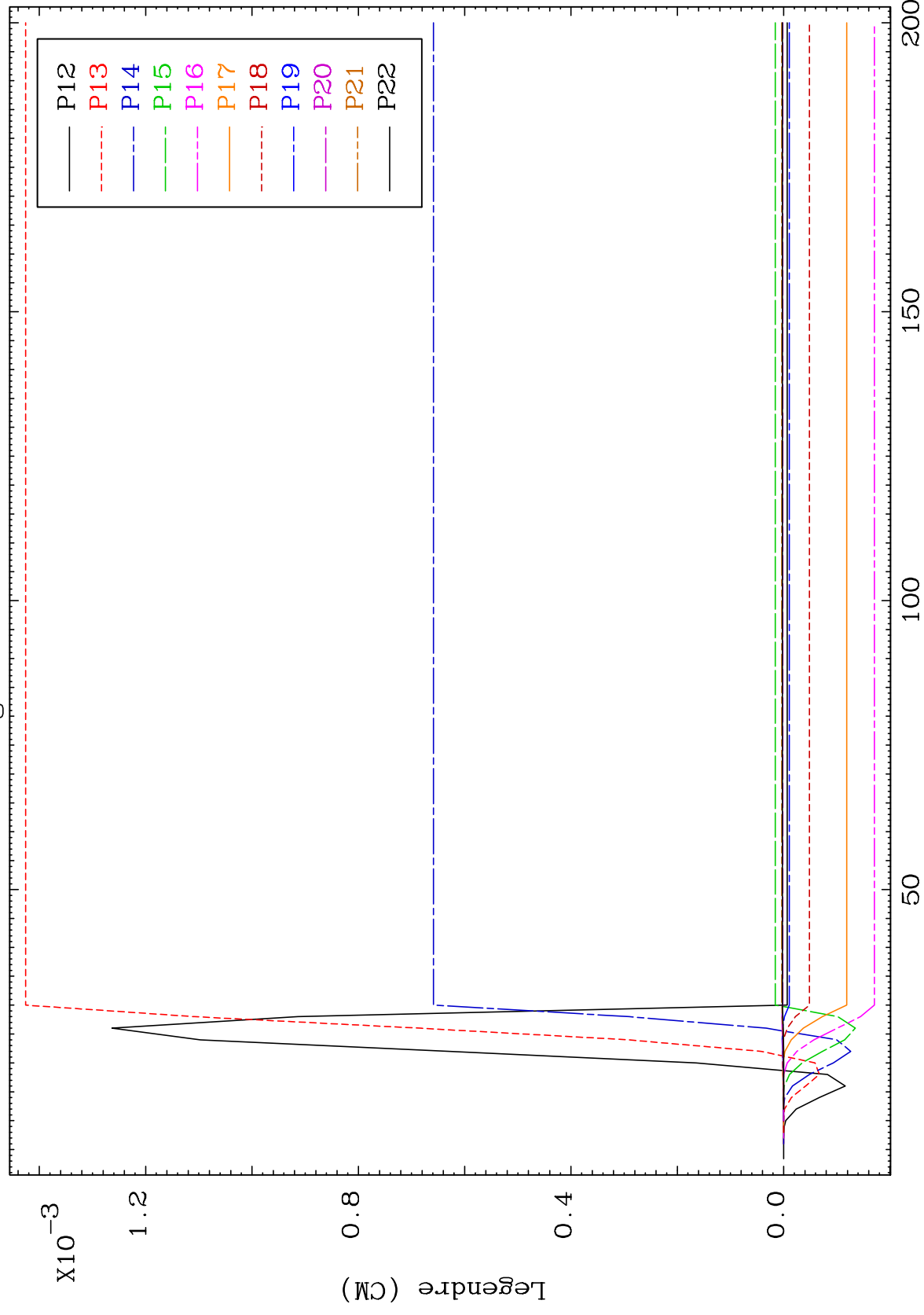
Incident Energy (MeV)

52

MAT 3425

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

<sup>34</sup>Se-74



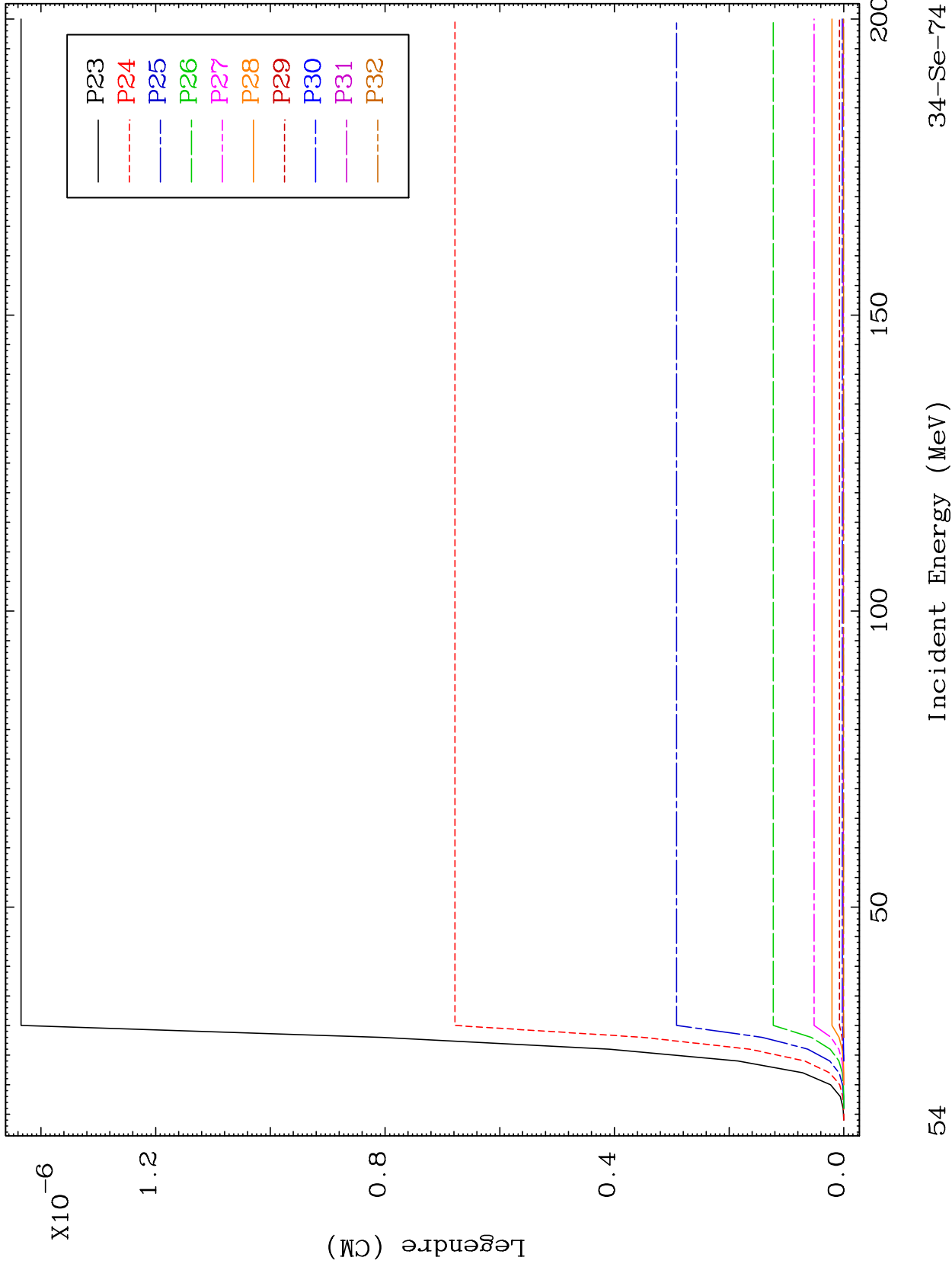
53

<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74



54

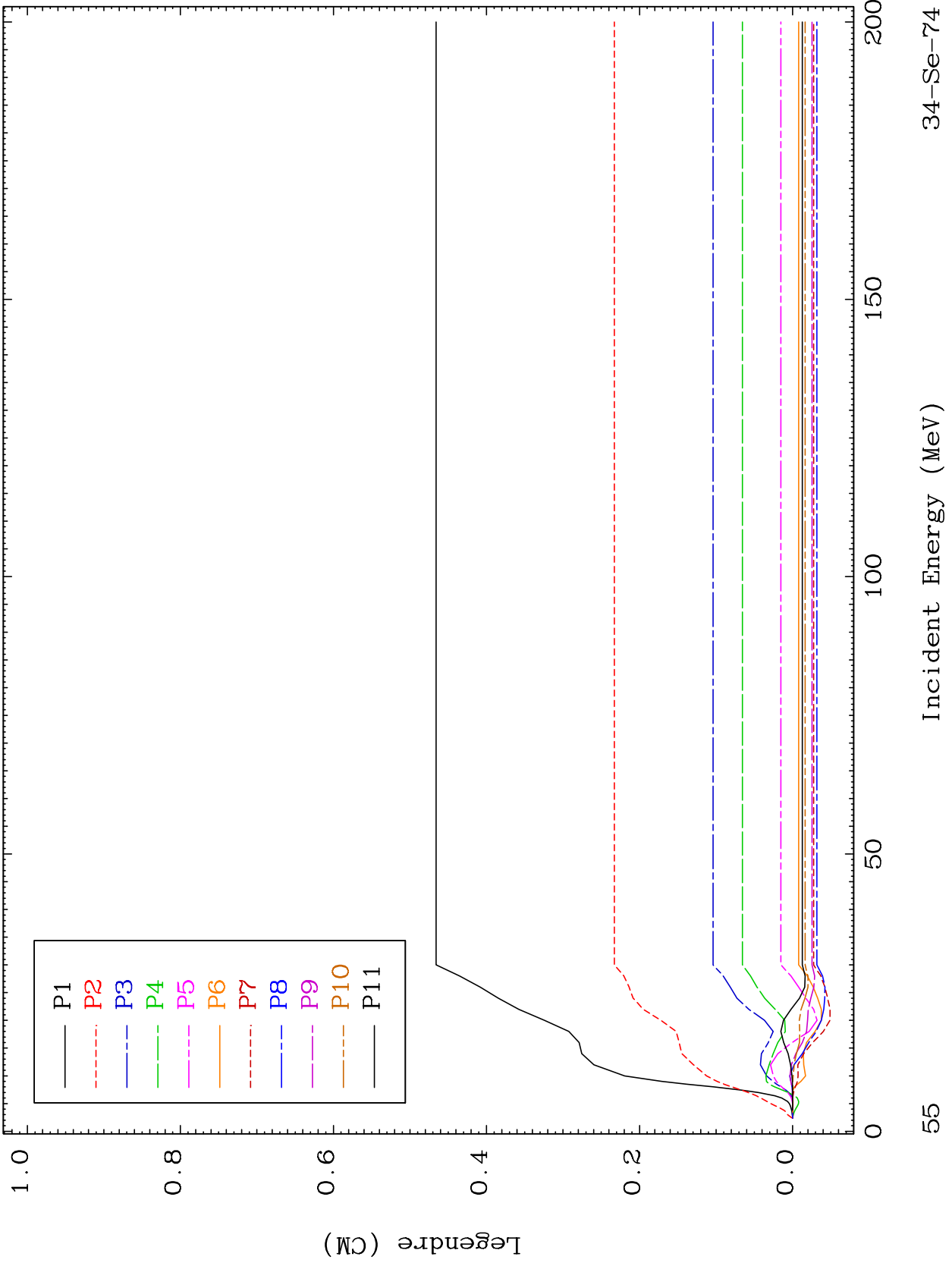
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74



55

Incident Energy (MeV)

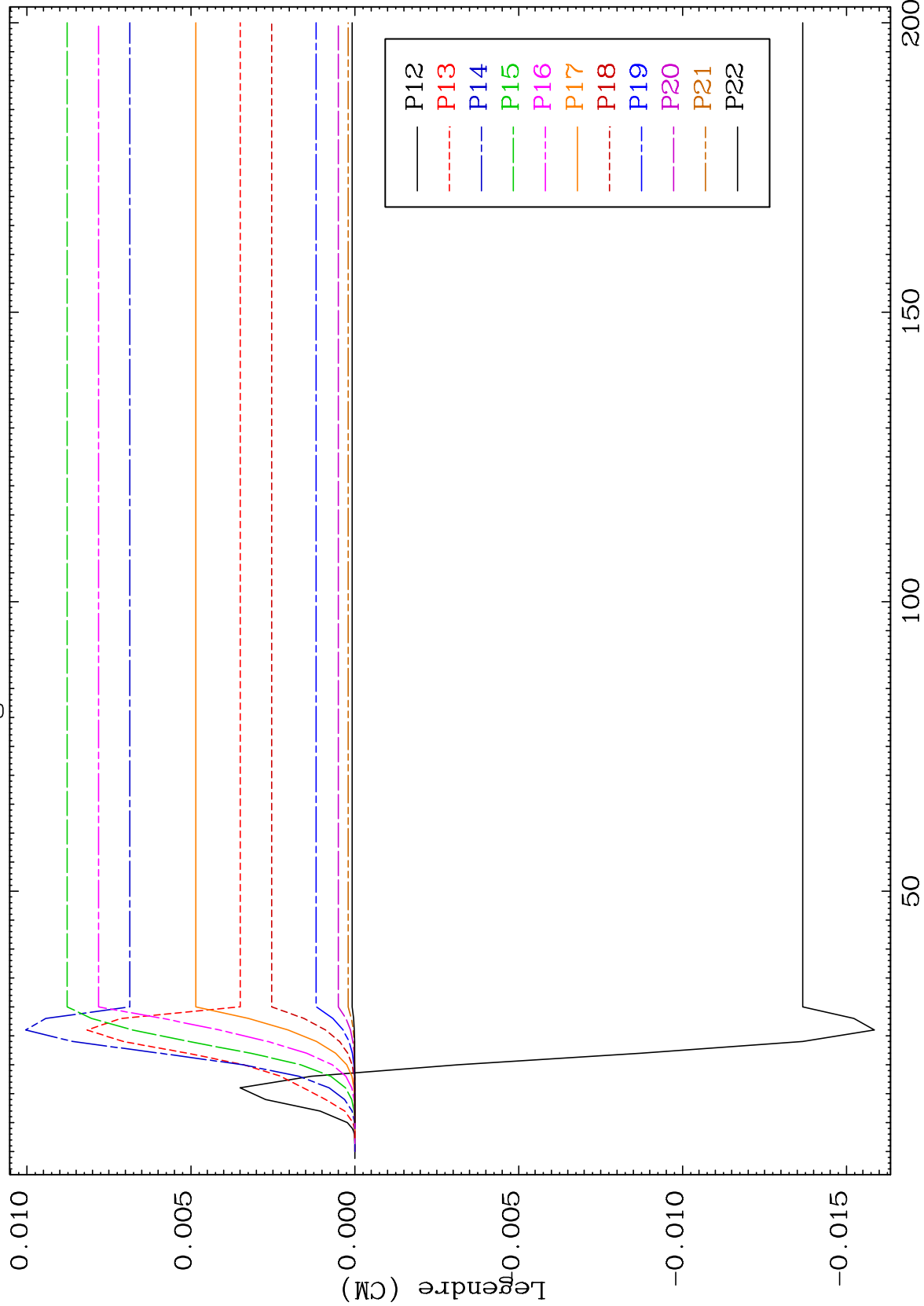
<sup>34</sup>Se-74



MAT 3425

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

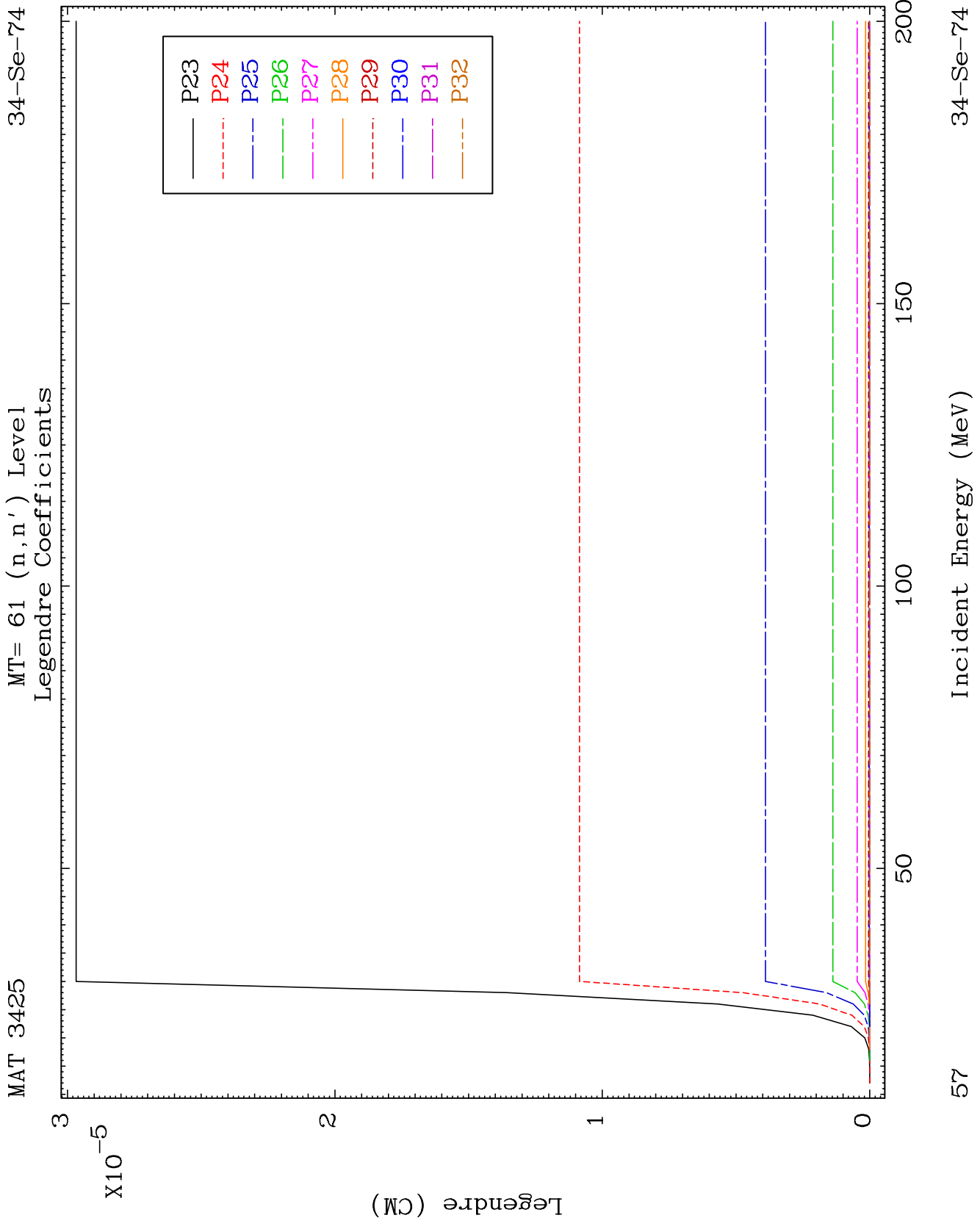
<sup>34</sup>Se-74



56

Incident Energy (MeV)

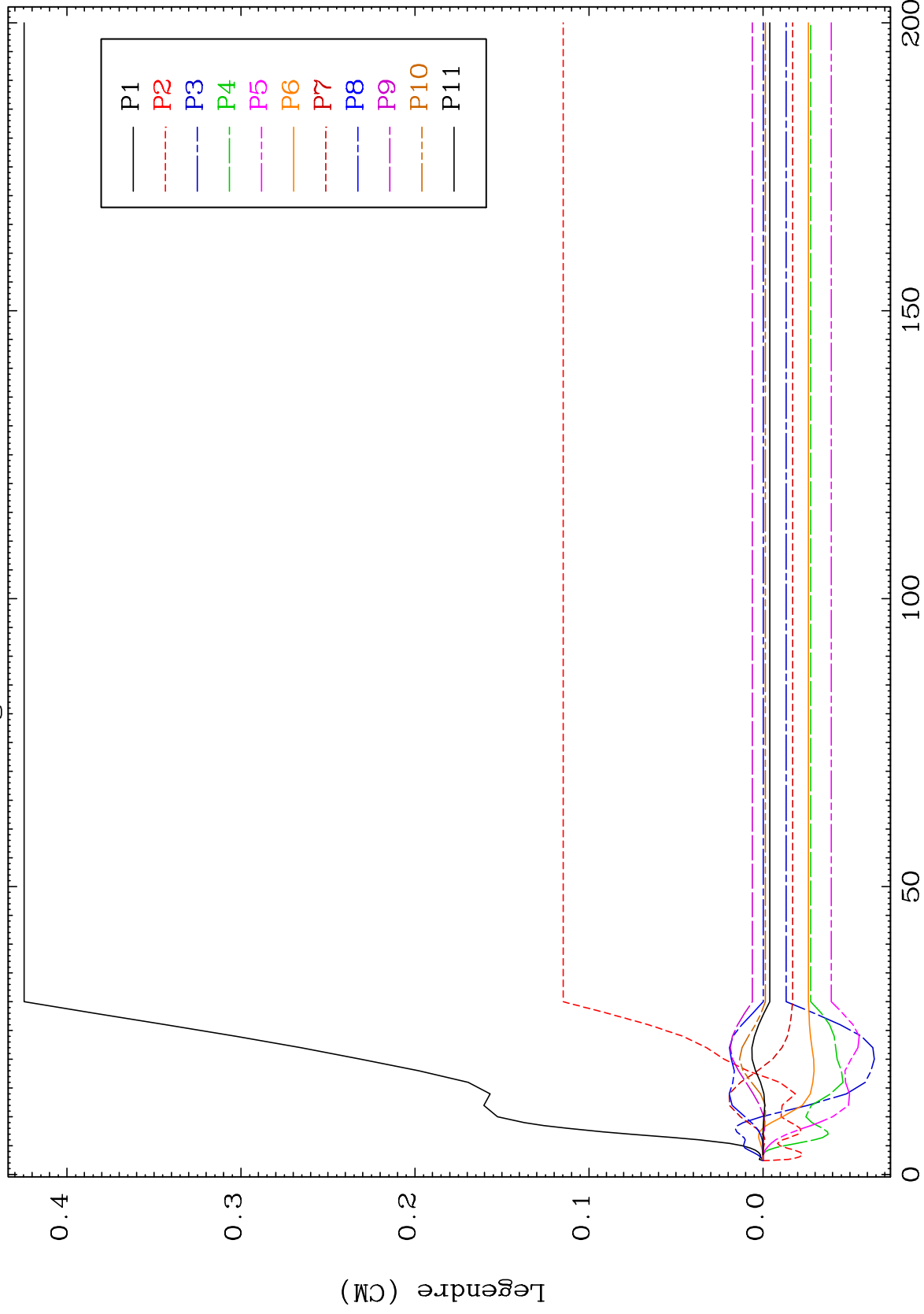
<sup>34</sup>Se-74



MAT 3425

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

<sup>34</sup>Se-74



58

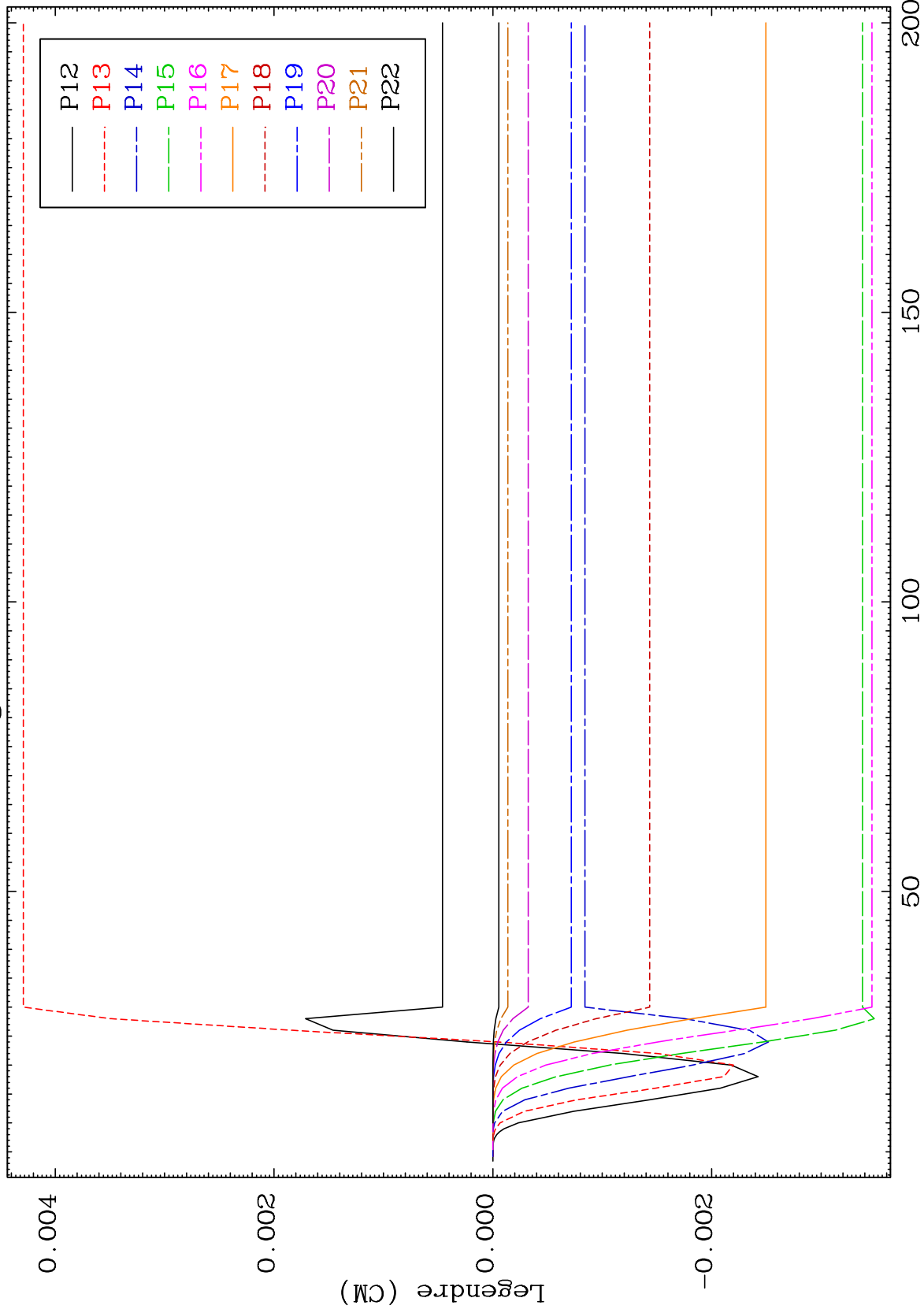
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

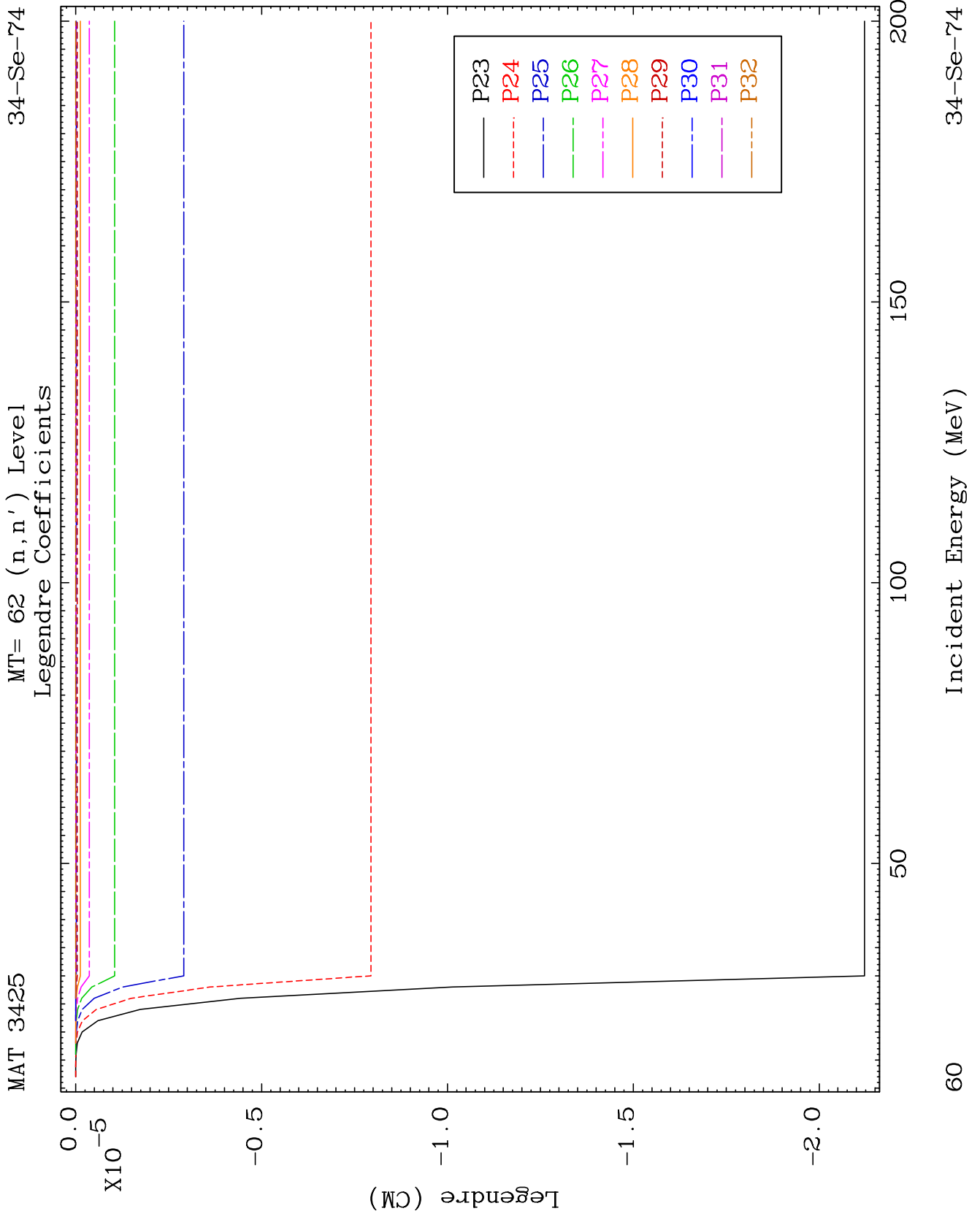
34-Se-74



59

Incident Energy (MeV)

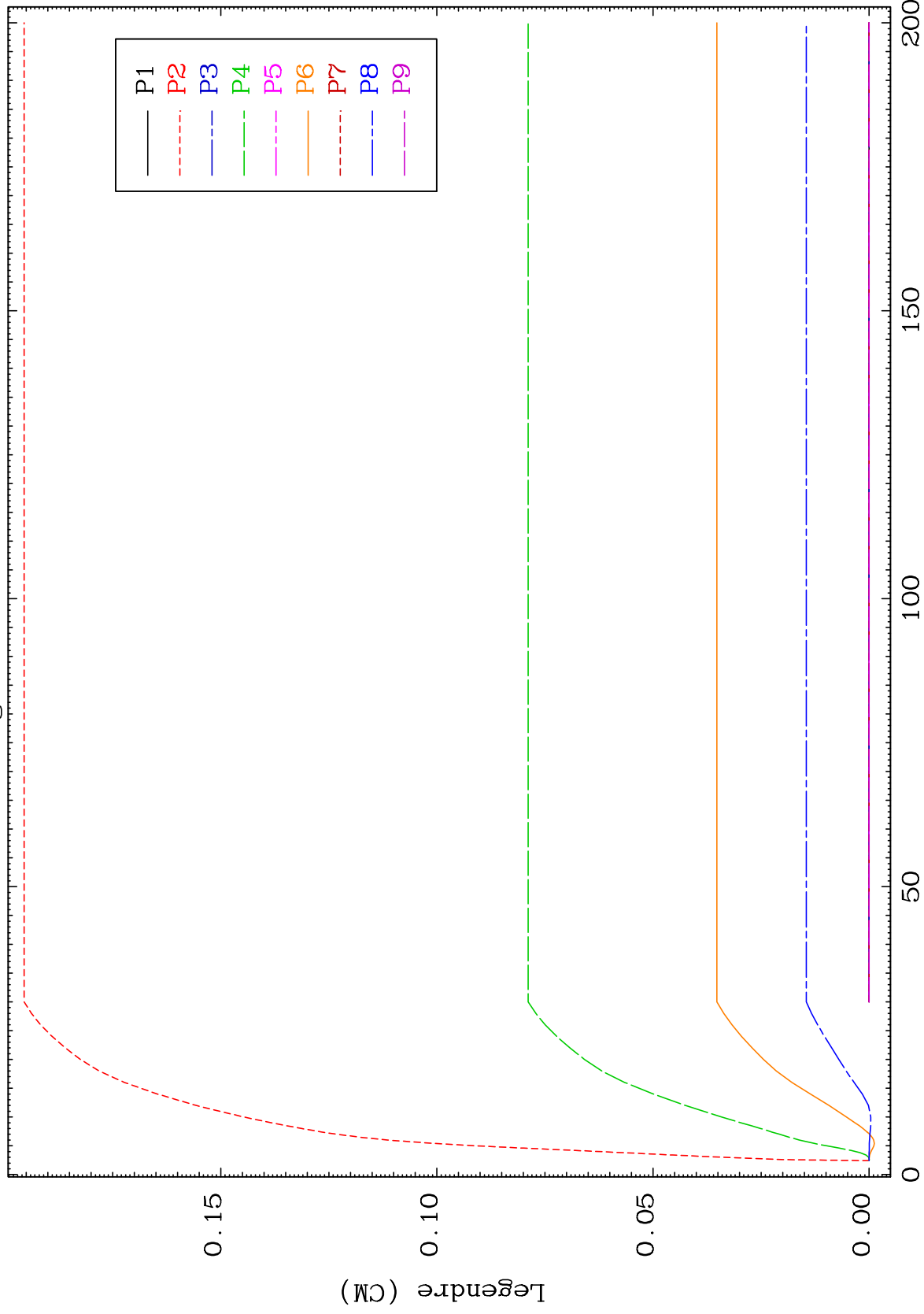
34-Se-74



MAT 3425

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

34-Se-74



61

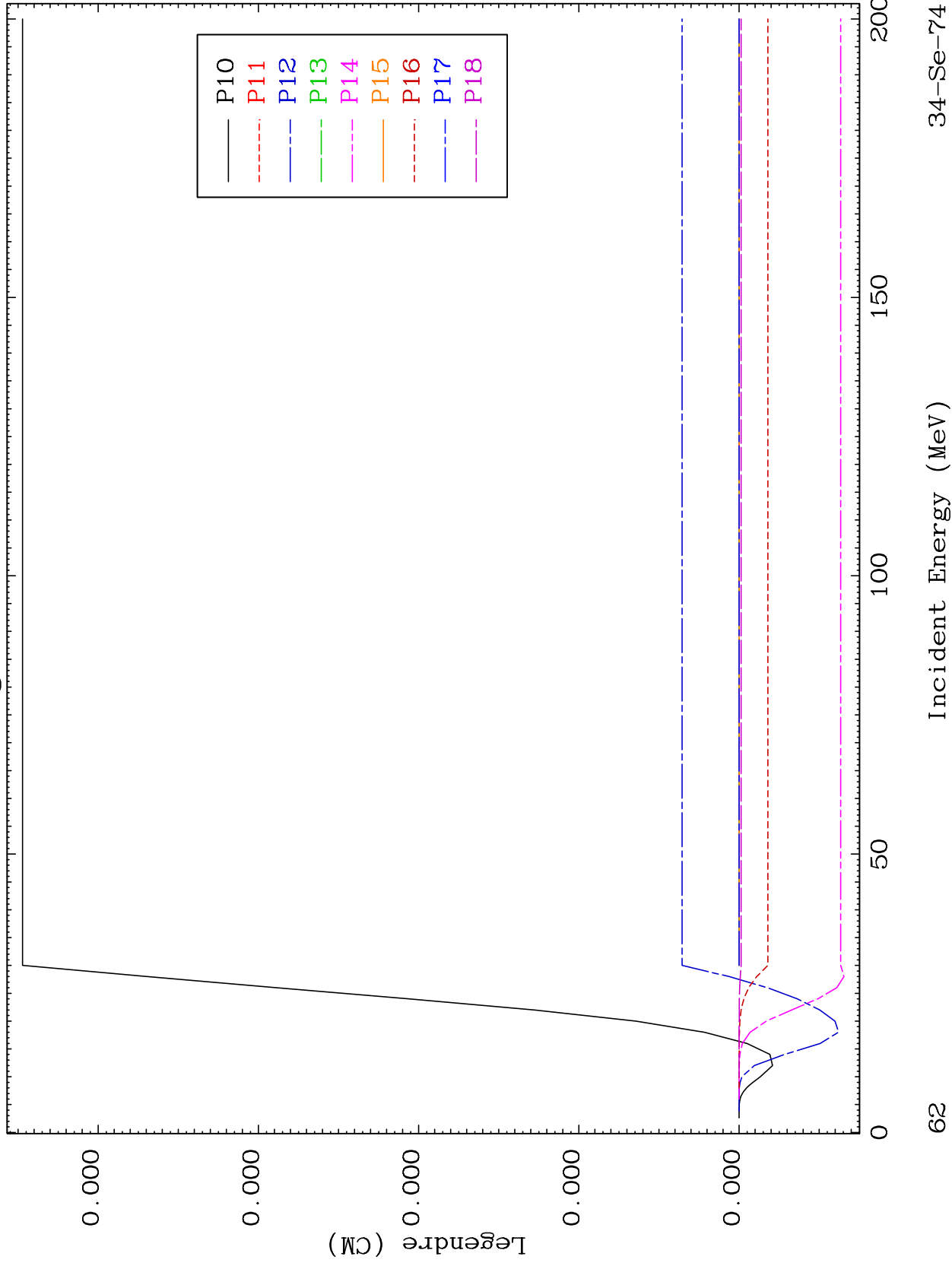
Incident Energy (MeV)

34-Se-74

MAT 3425

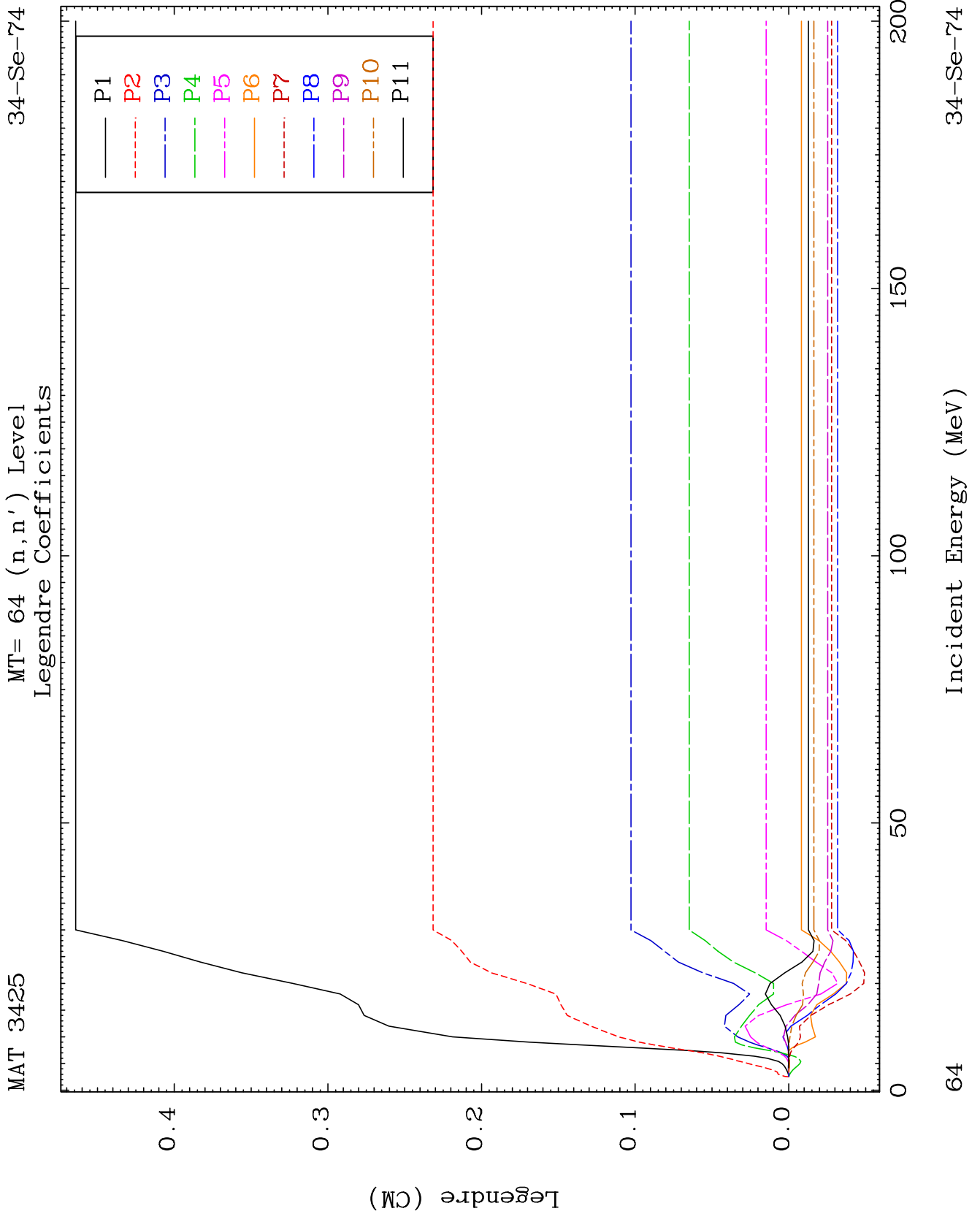
MT= 63 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-74





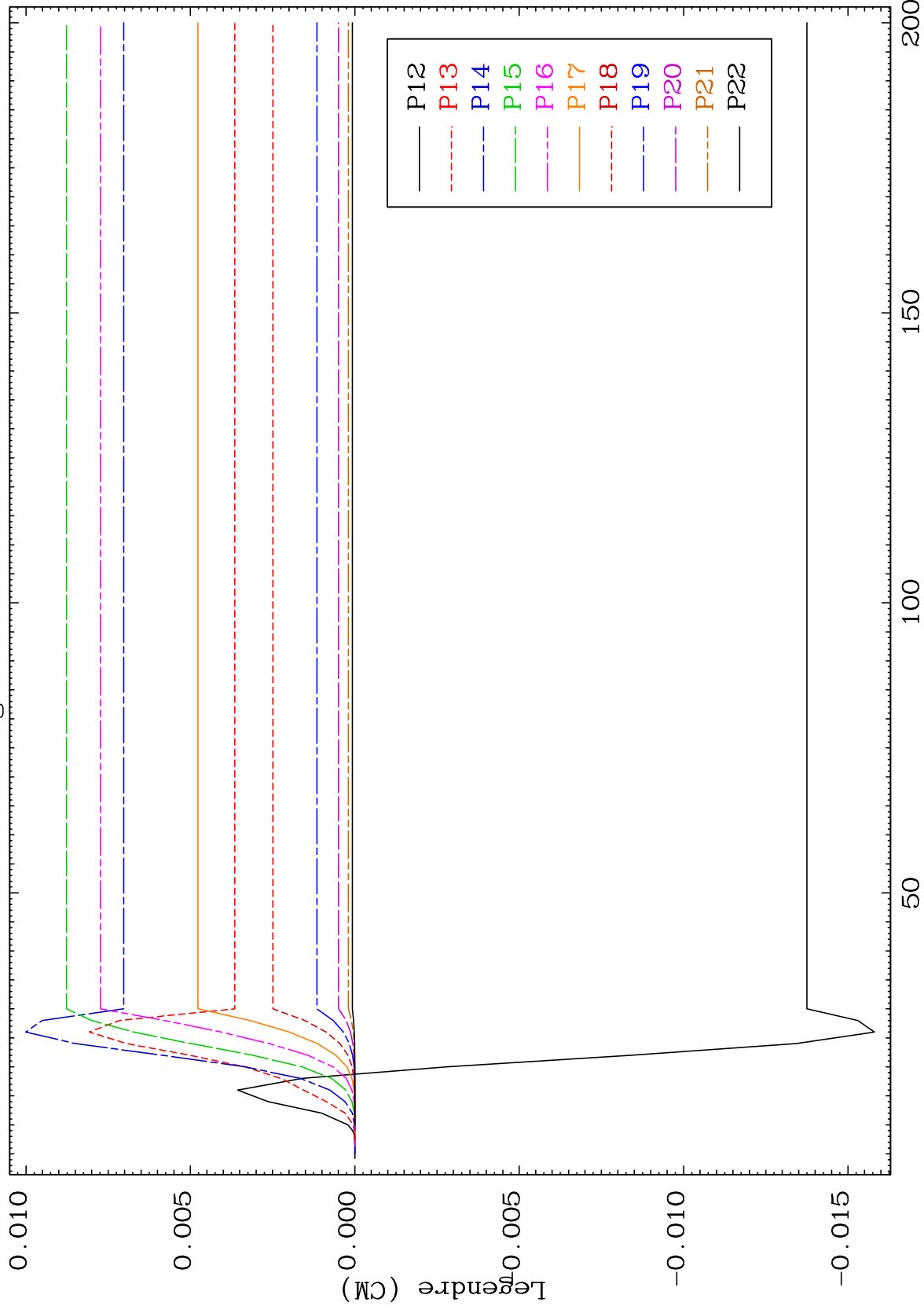




MAT 3425

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

34-Se-74



65

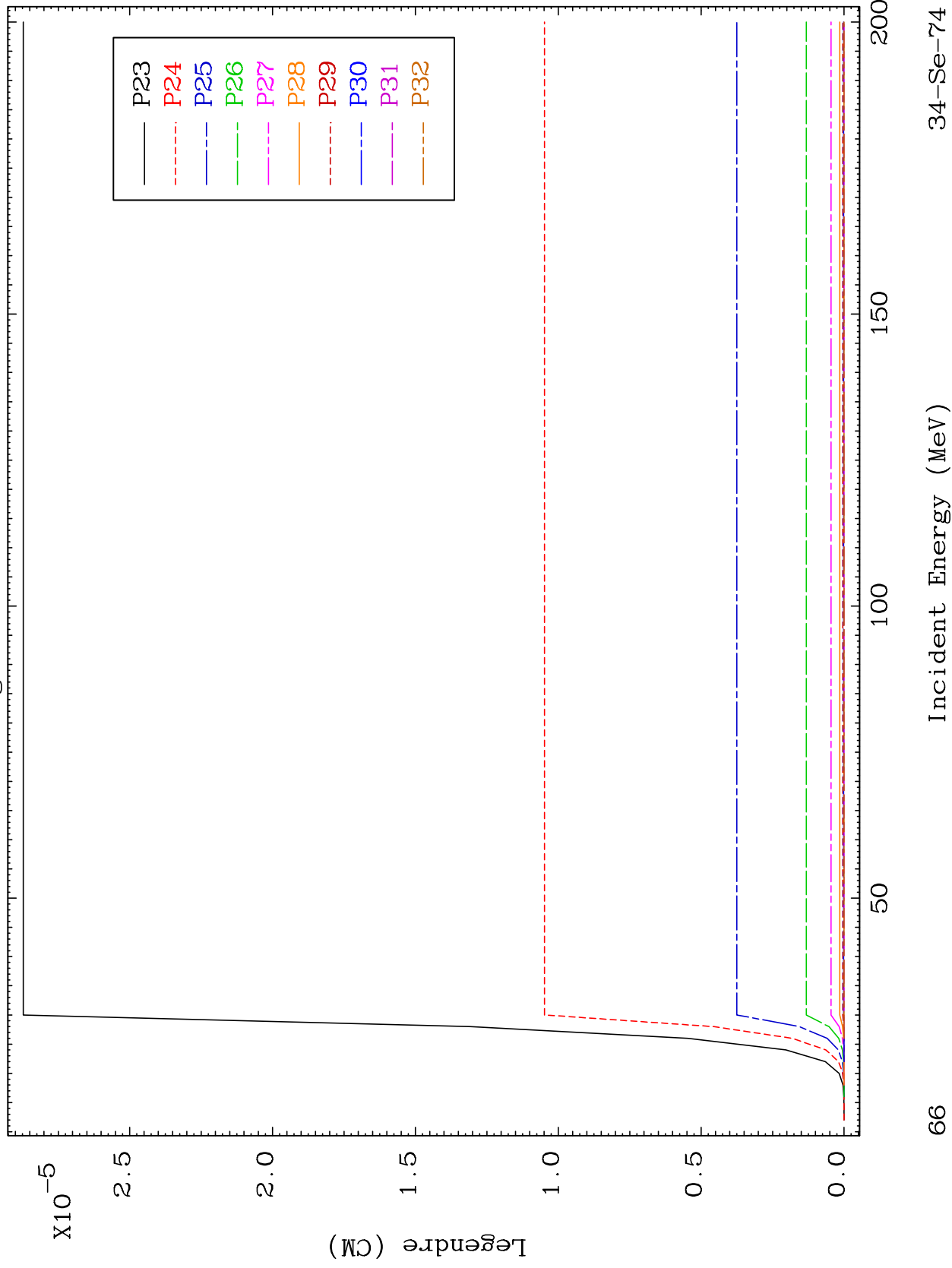
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74



66

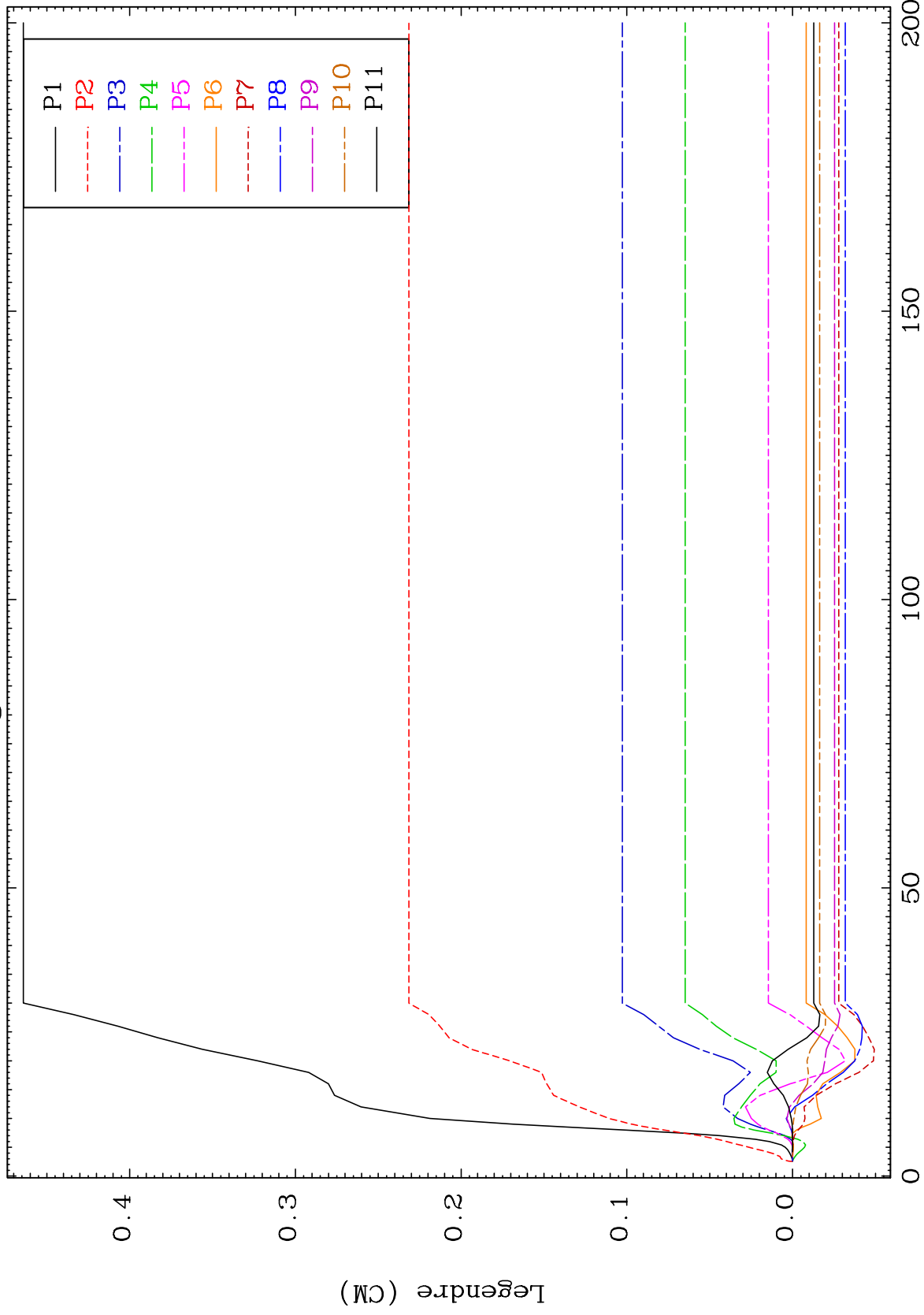
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74



67

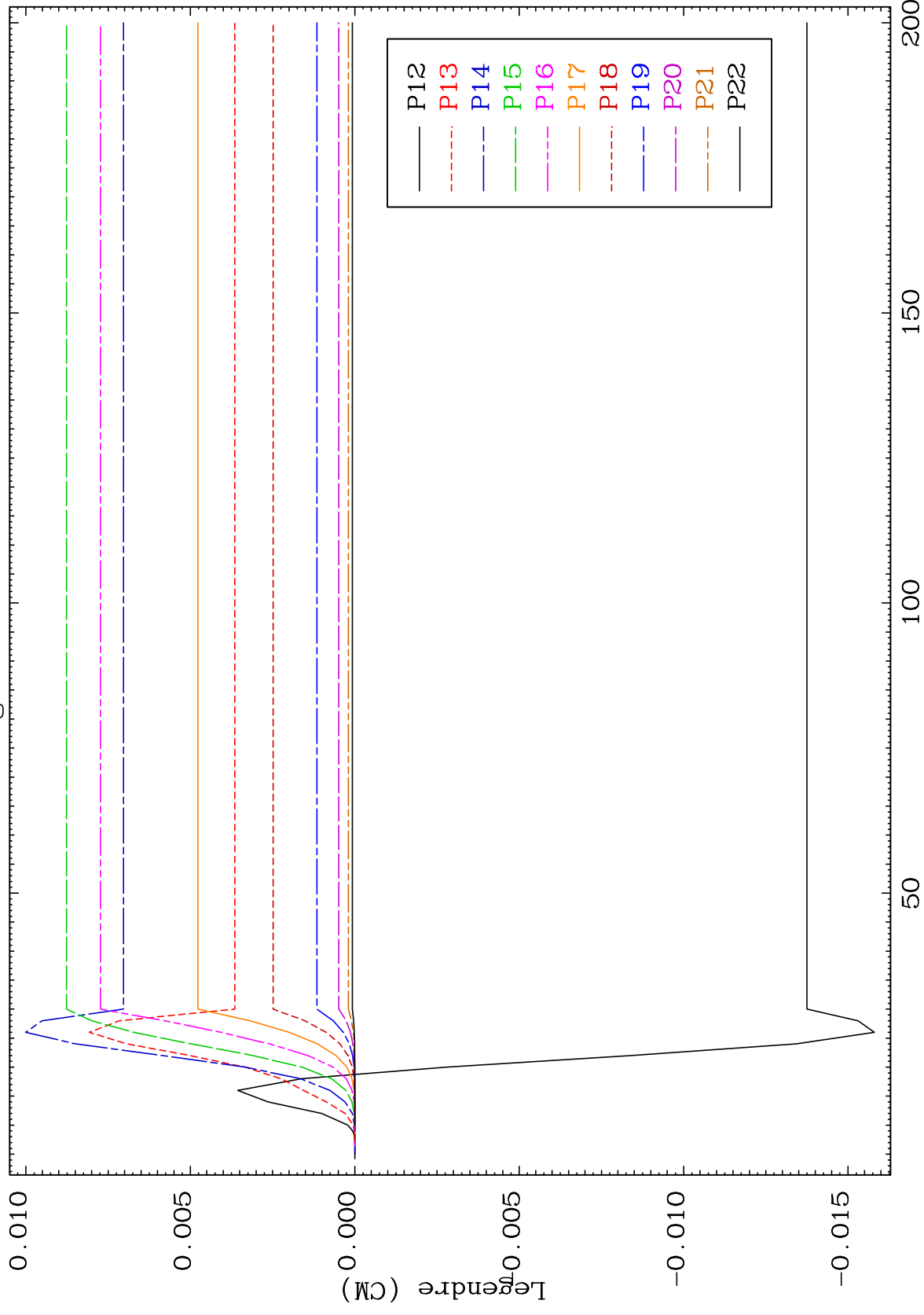
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

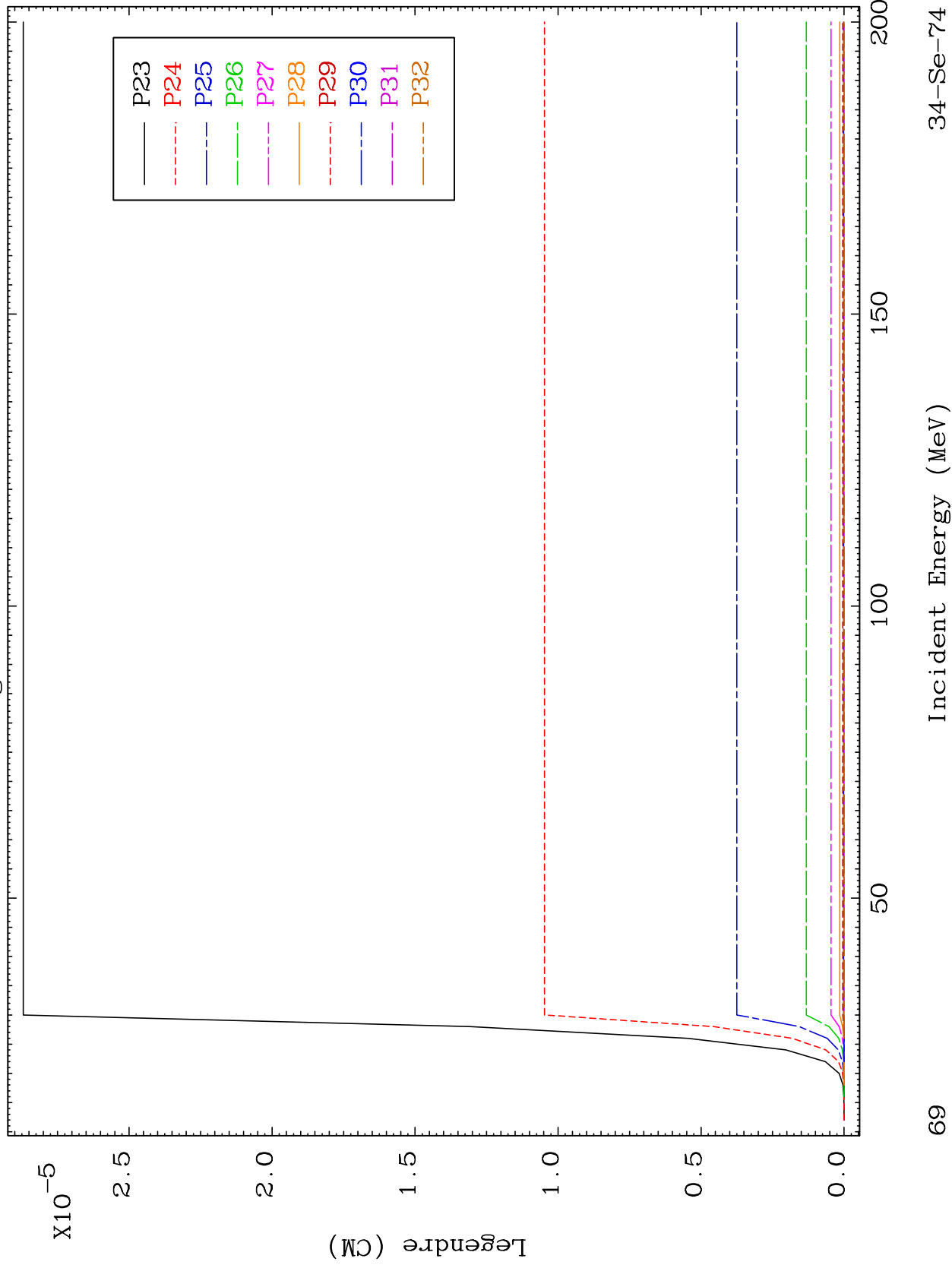
34-Se-74



MAT 3425

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

<sup>34</sup>Se-74



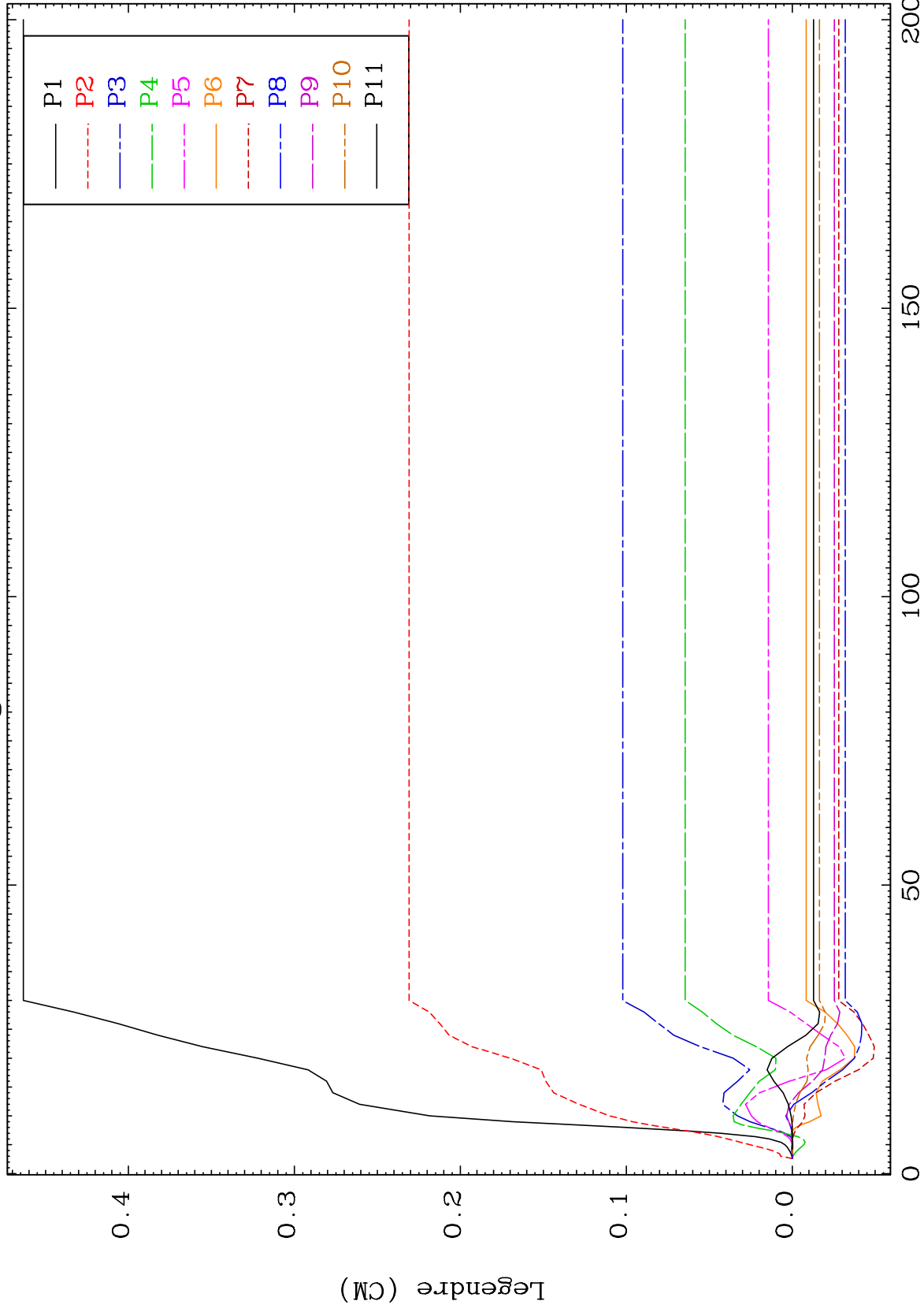
69

<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74



70

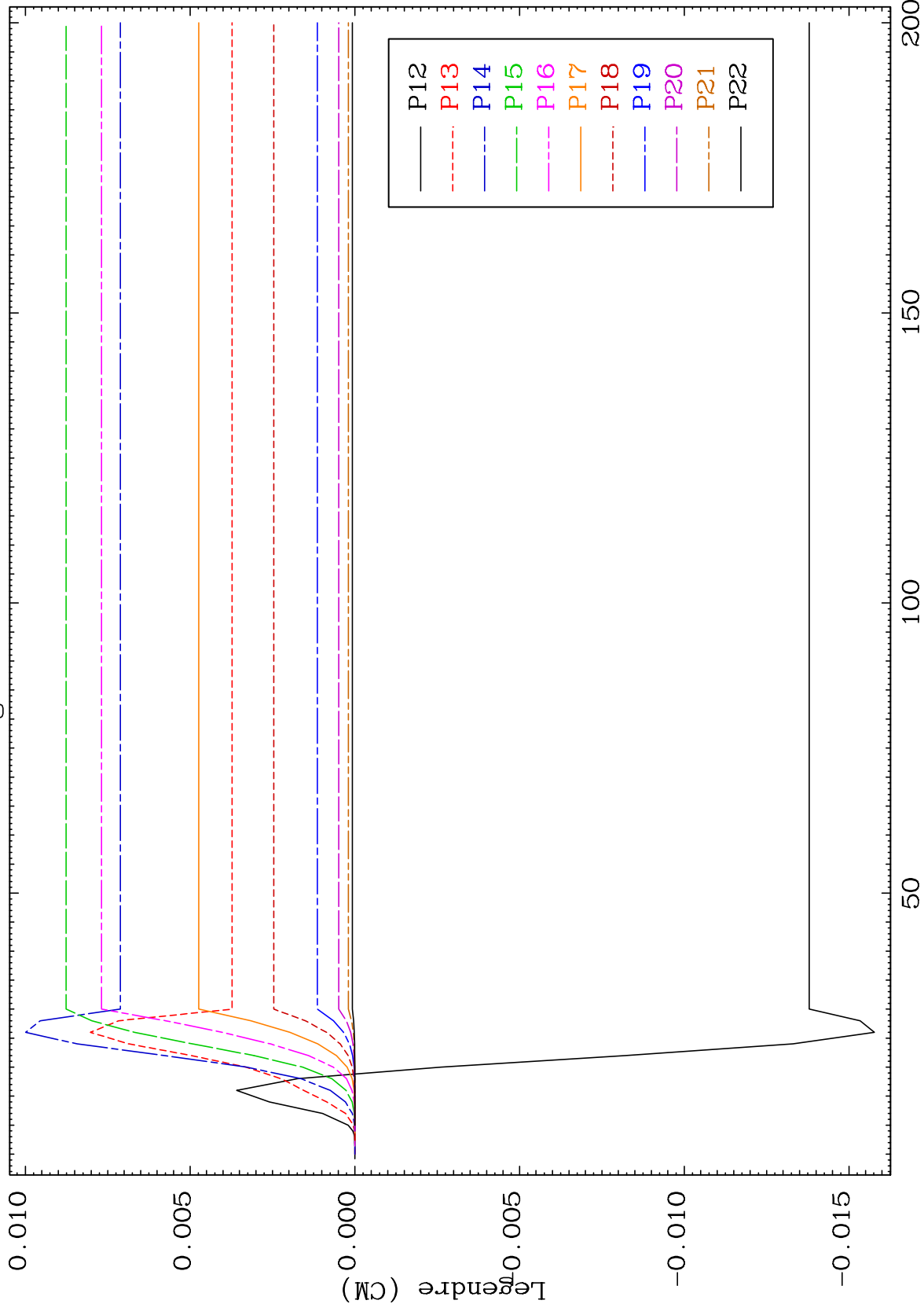
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



71

Incident Energy (MeV)

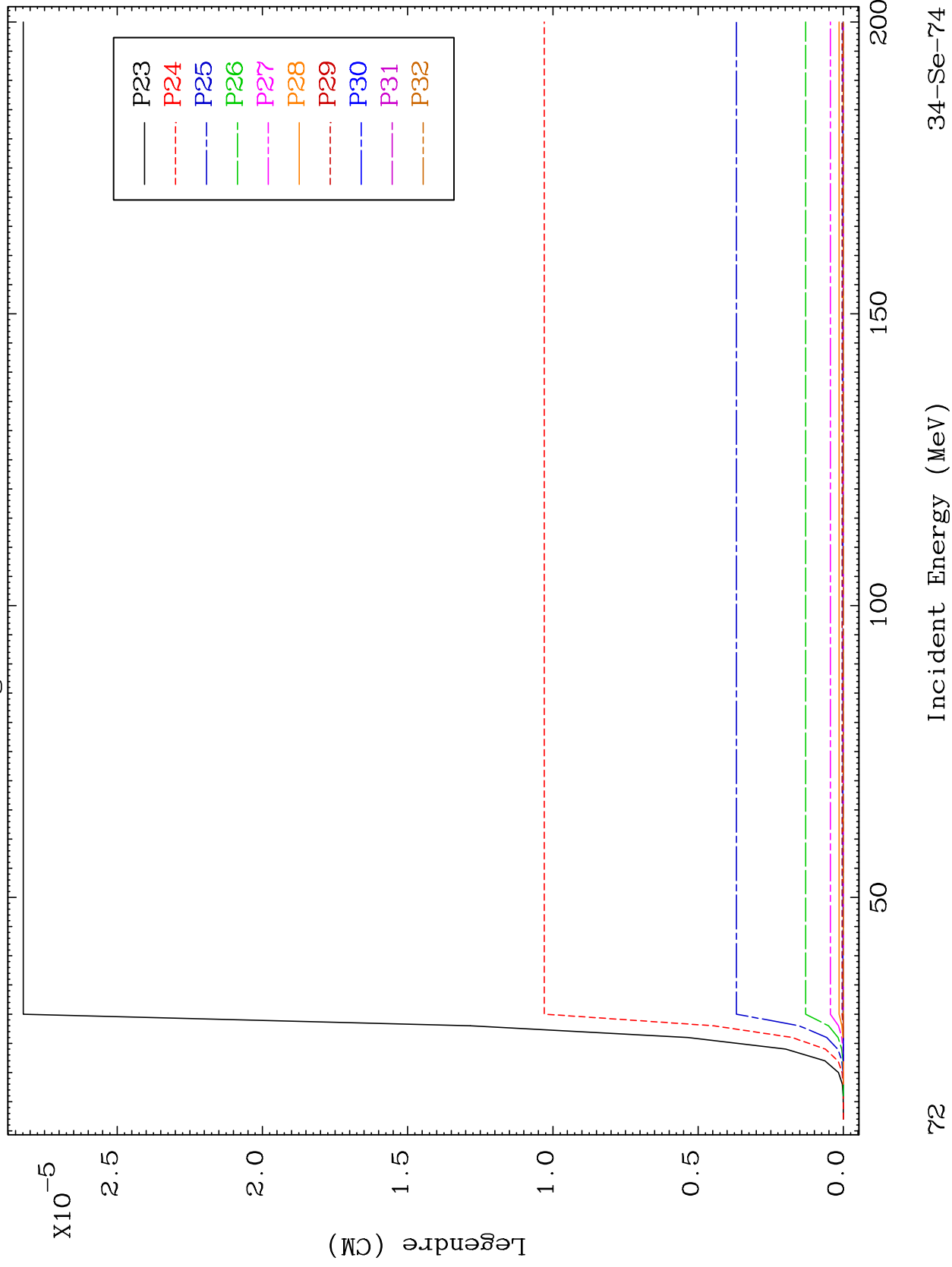
34-Se-74



MAT 3425

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

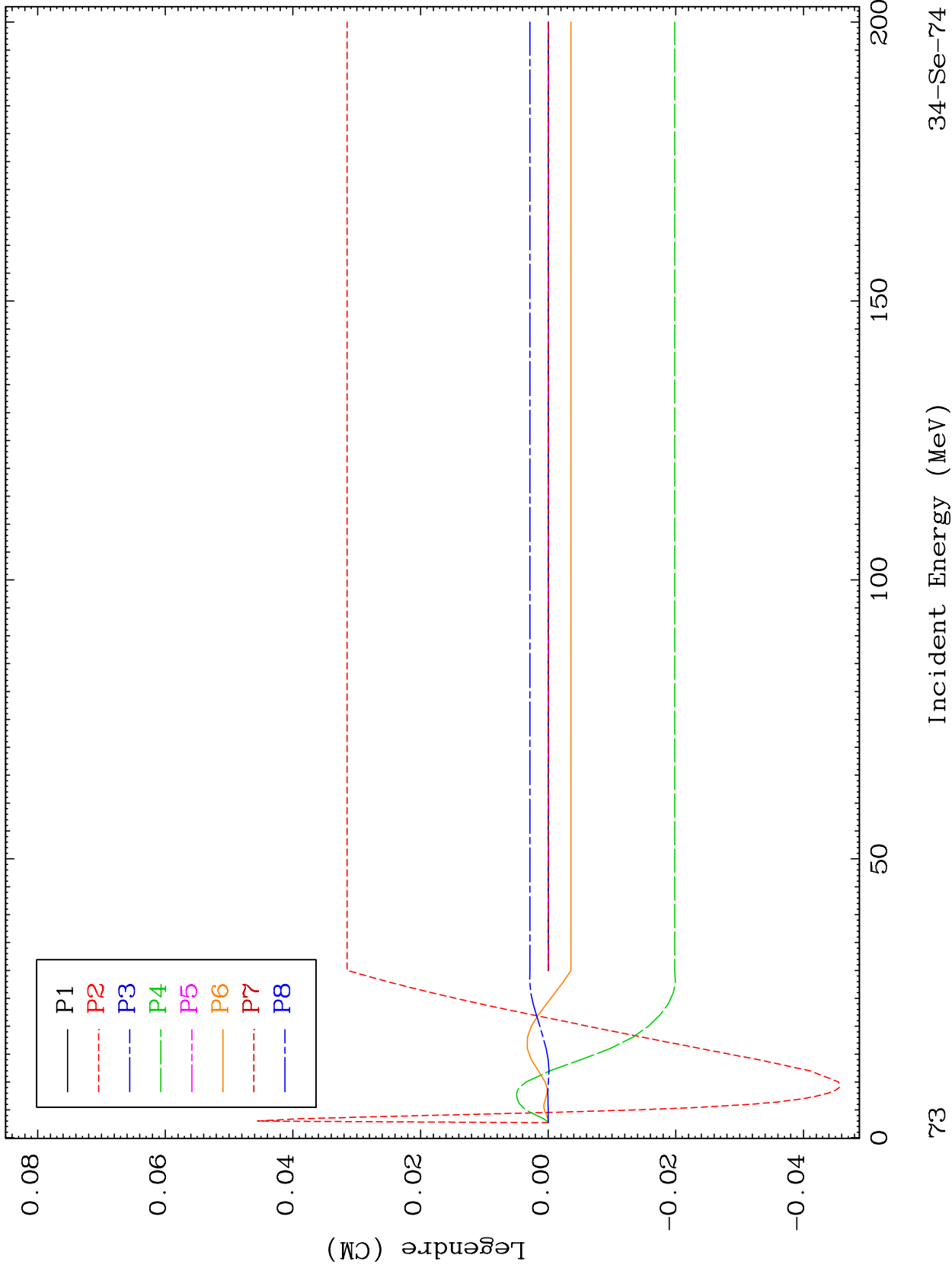
<sup>34</sup>Se-74



MAT 3425

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

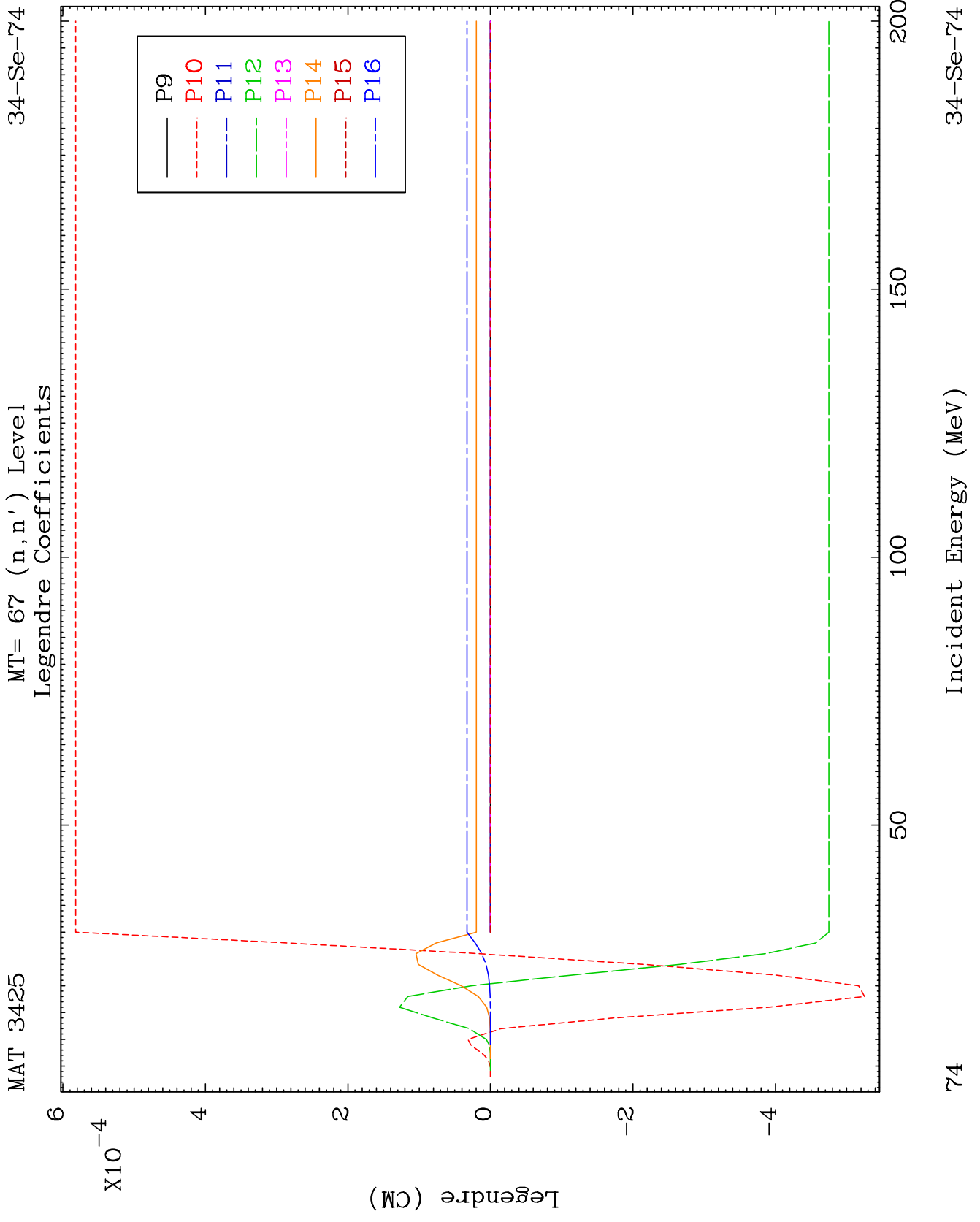
<sup>34</sup>Se-74

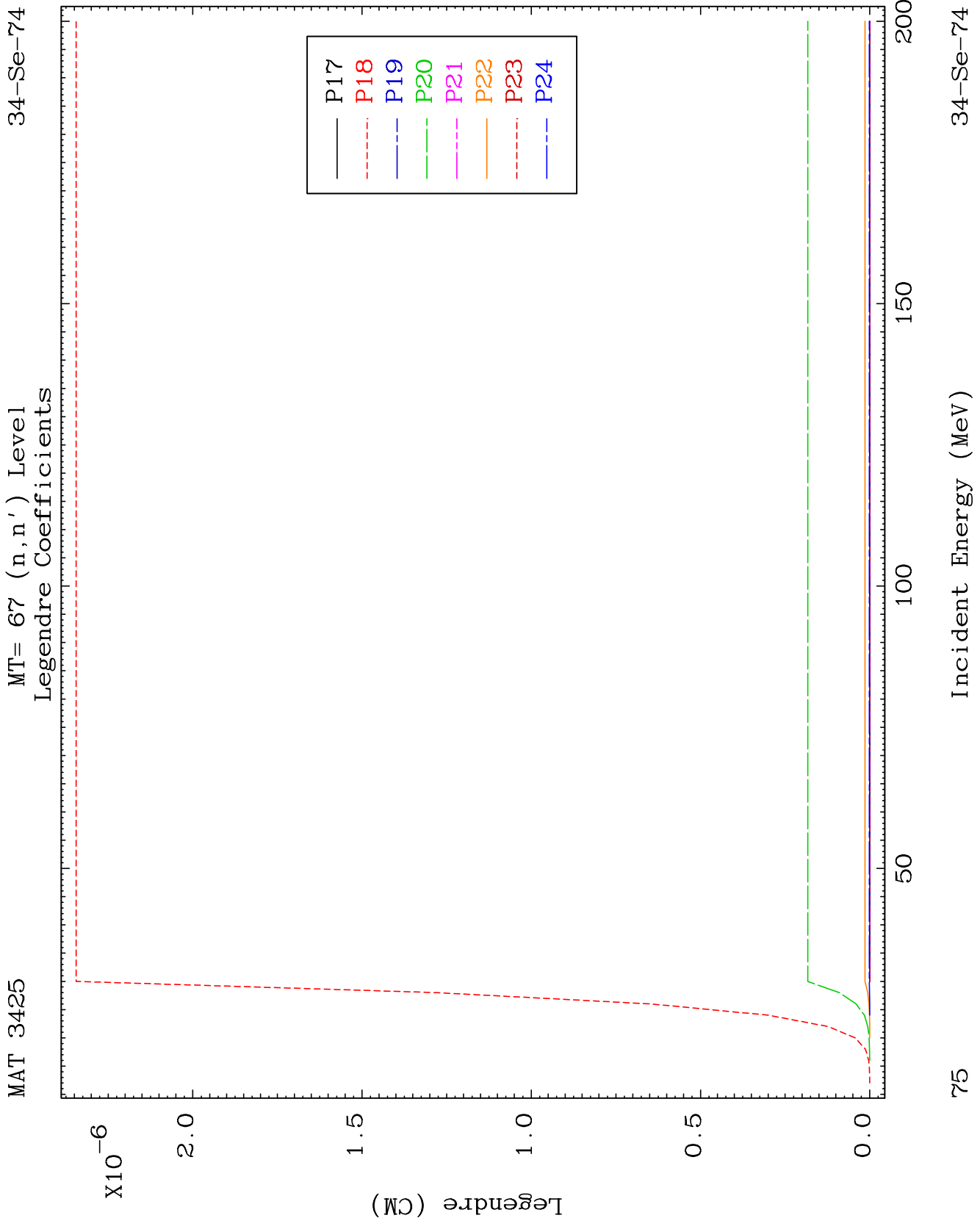


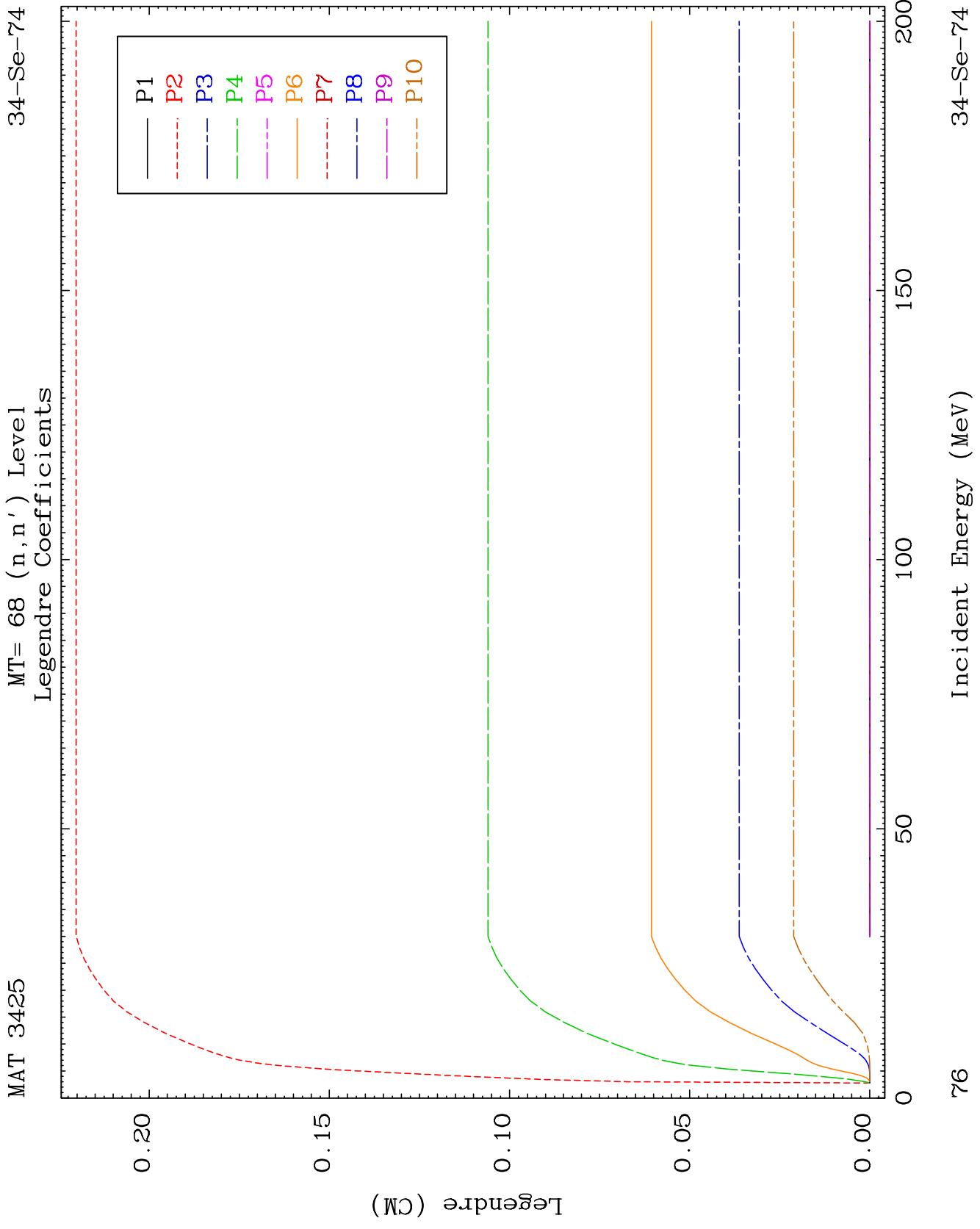
73

Incident Energy (MeV)

<sup>34</sup>Se-74



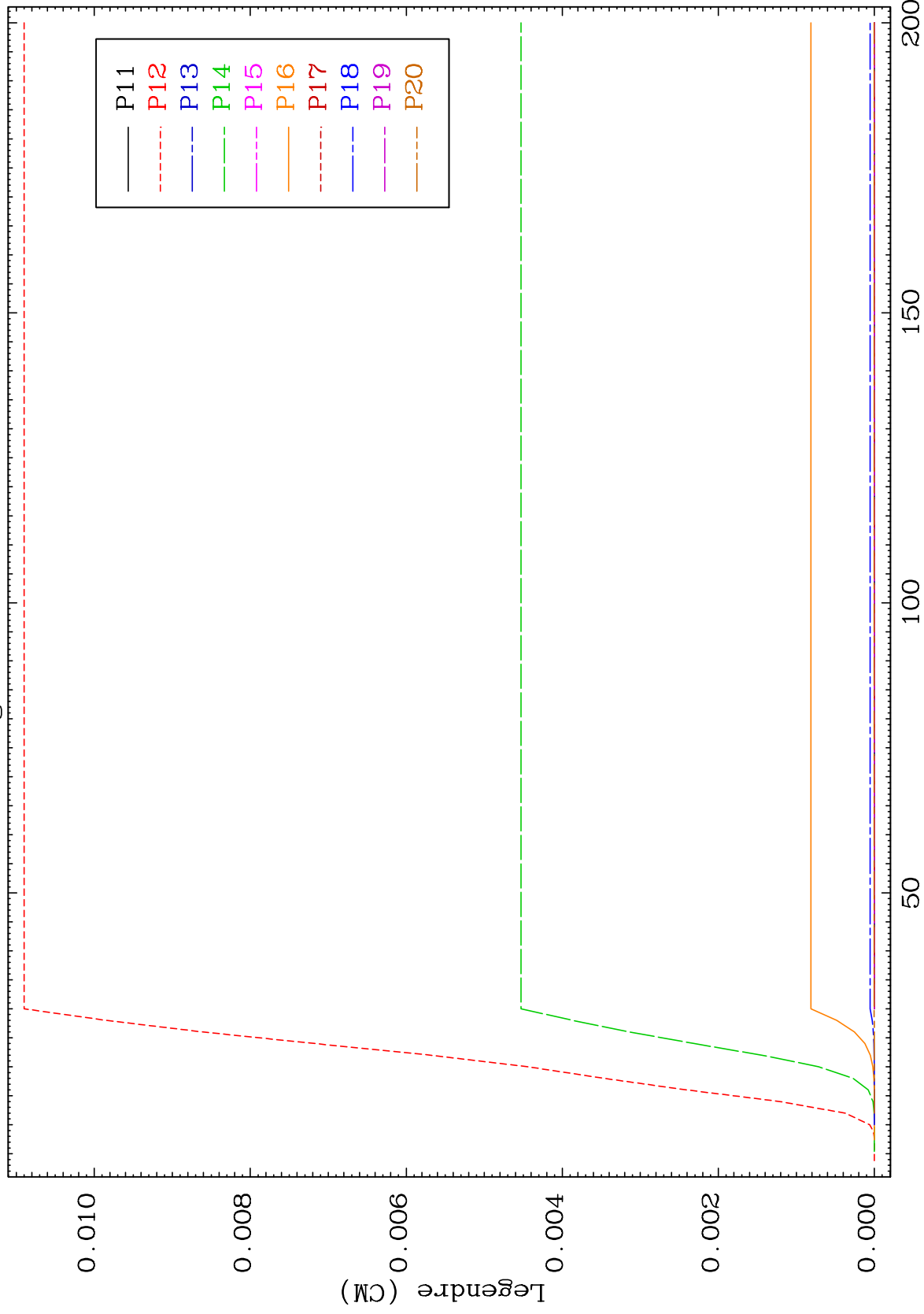




MAT 3425

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

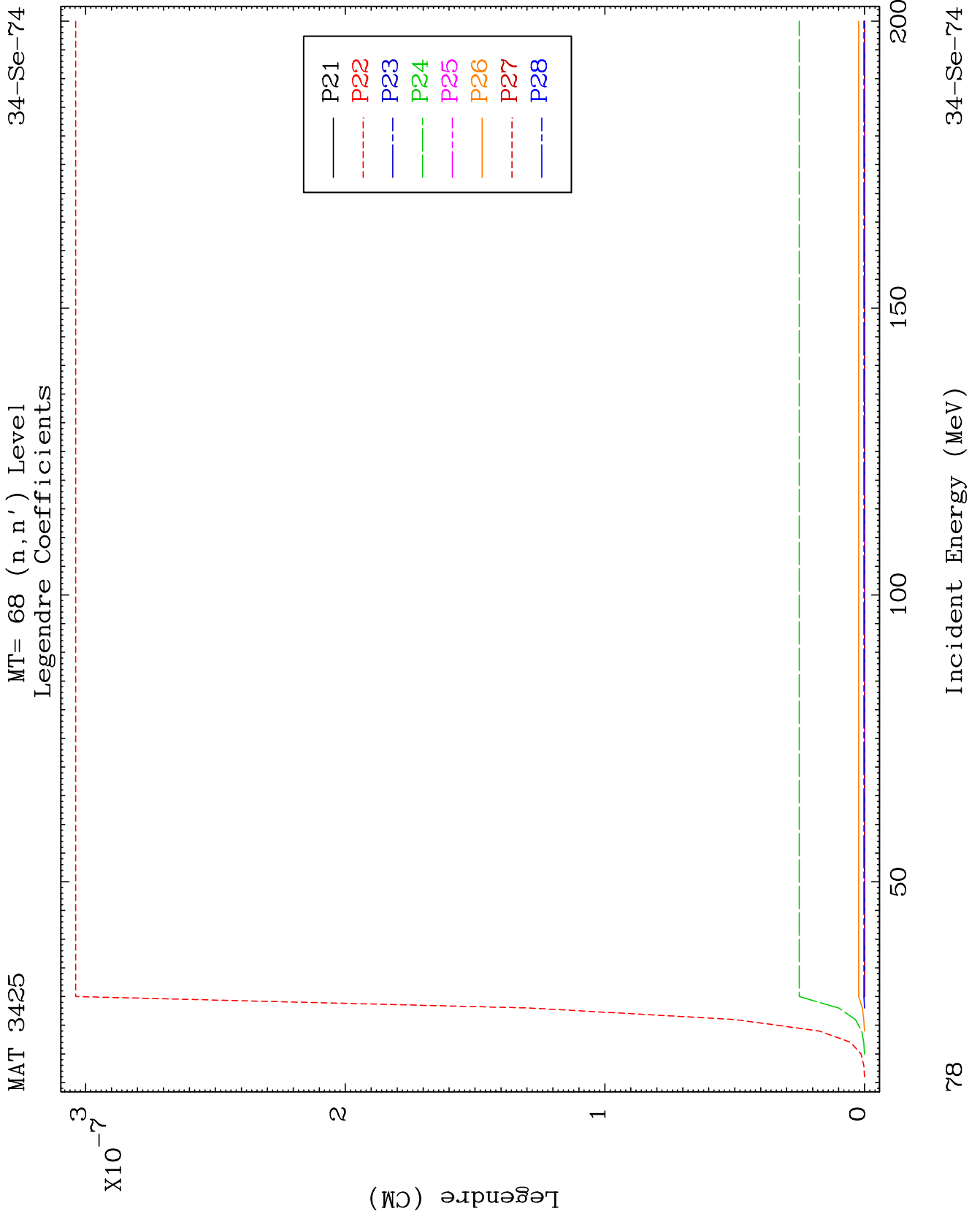
34-Se-74



77

Incident Energy (MeV)

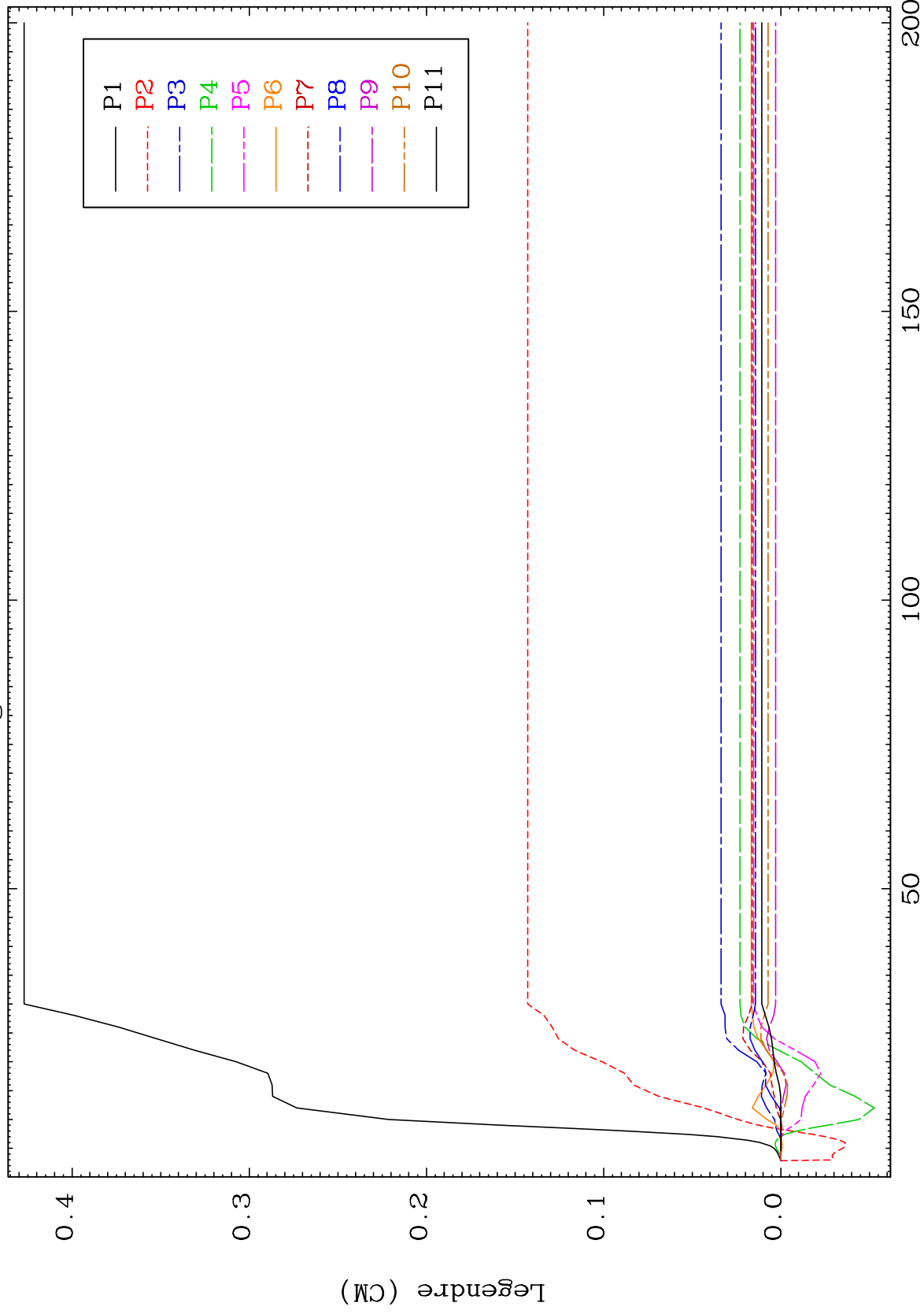
34-Se-74



MAT 3425

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

<sup>34</sup>Se-74



79

Incident Energy (MeV)

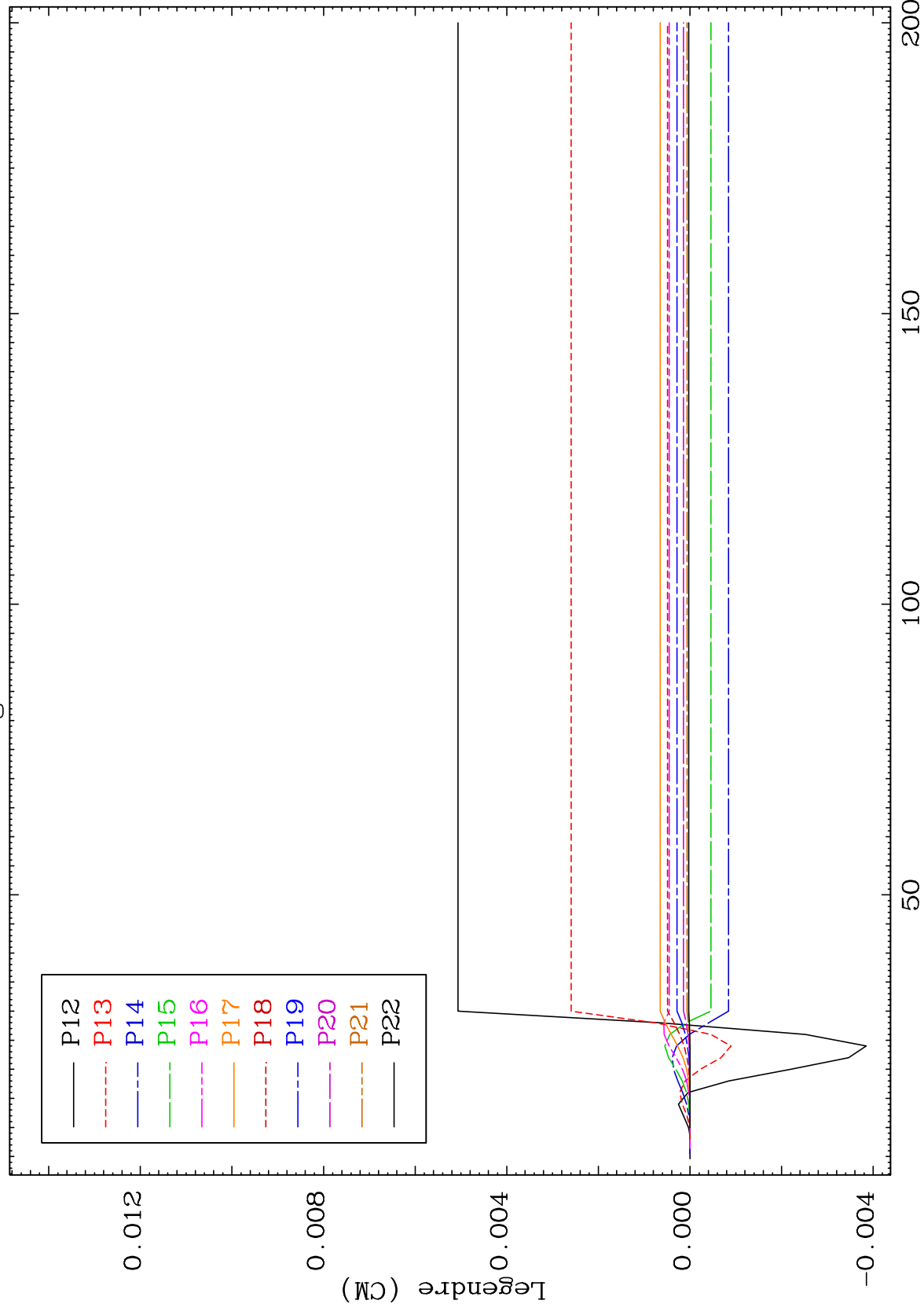
<sup>34</sup>Se-74



MAT 3425

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

34-Se-74



80

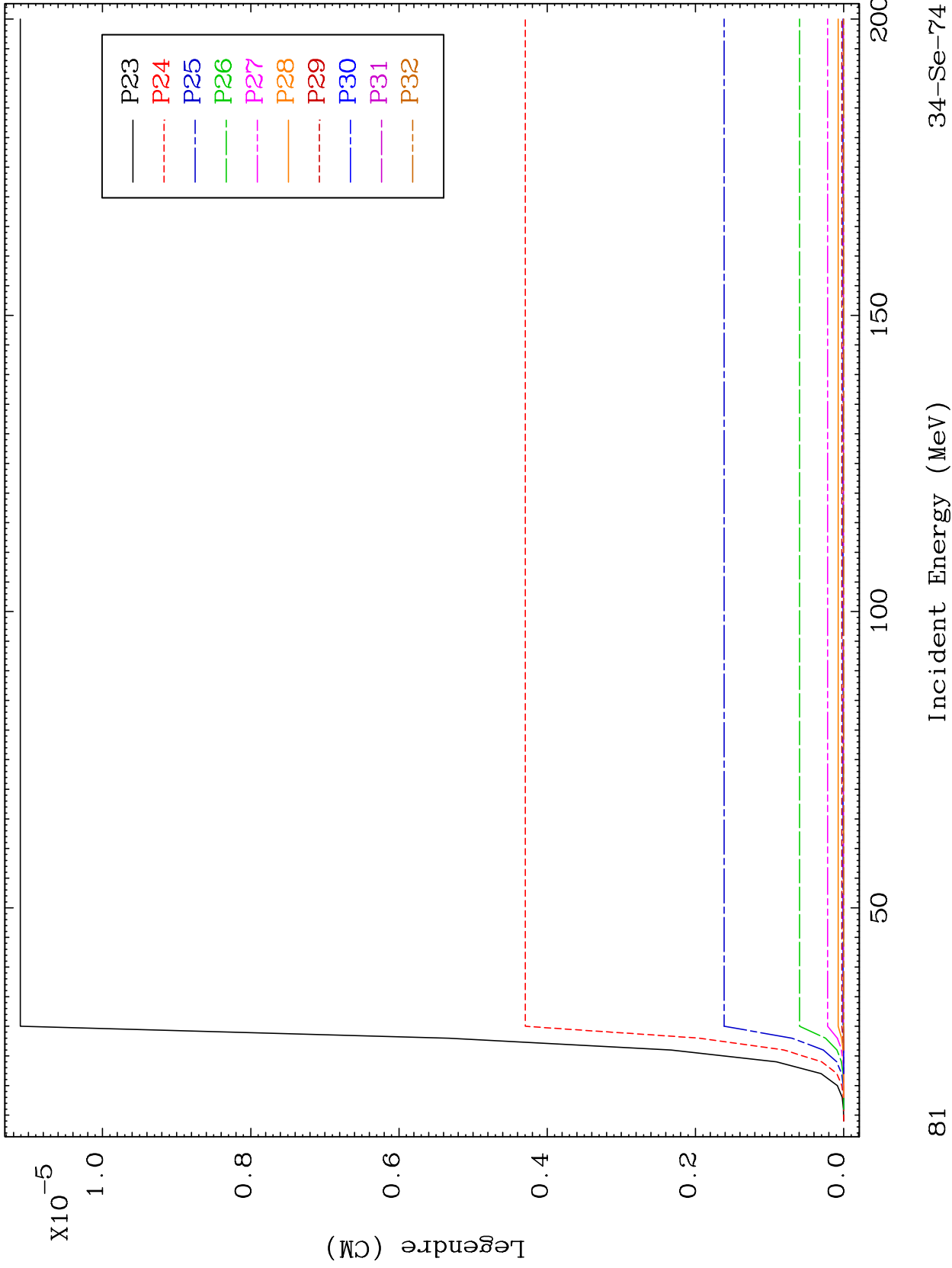
Incident Energy (MeV)

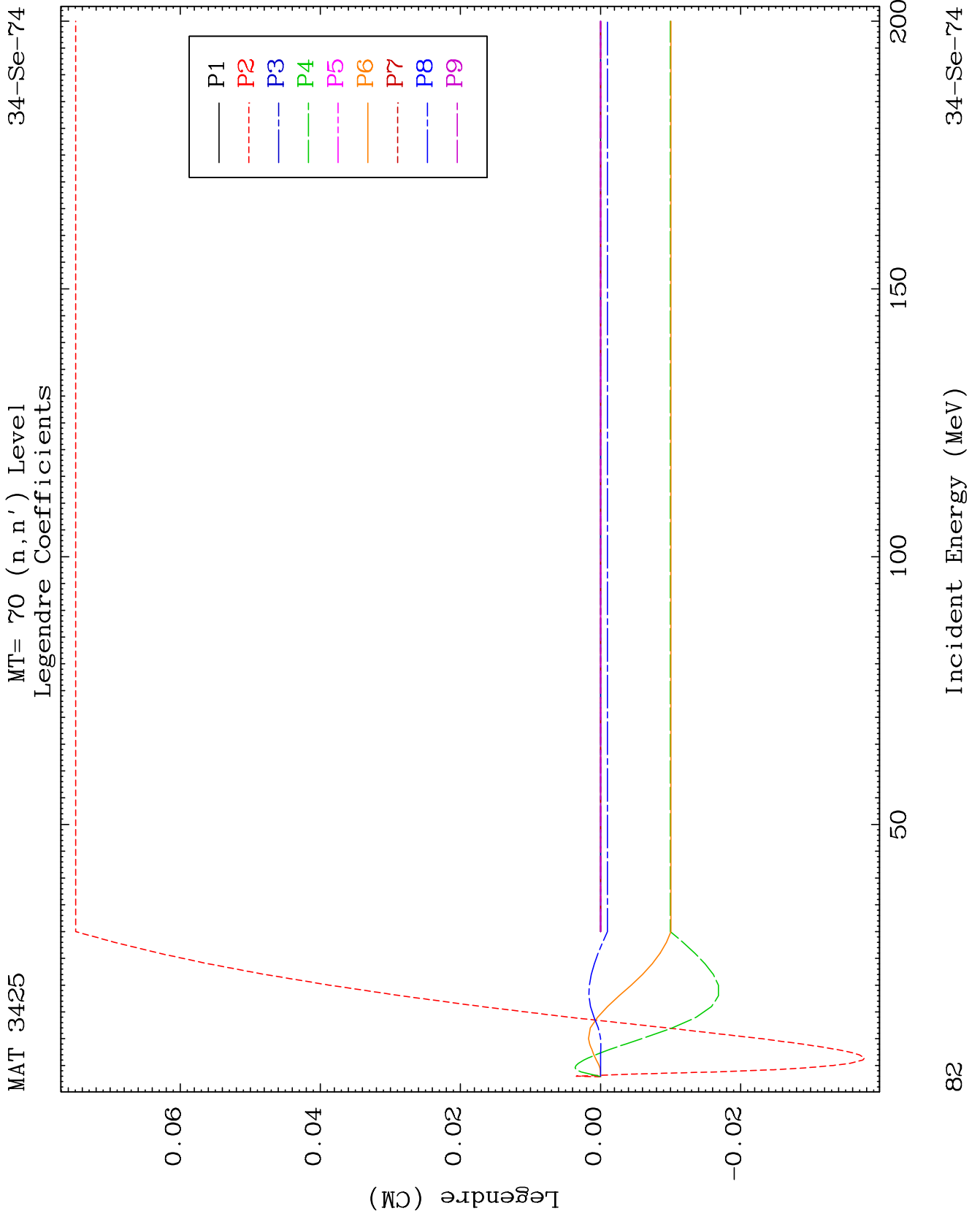
34-Se-74

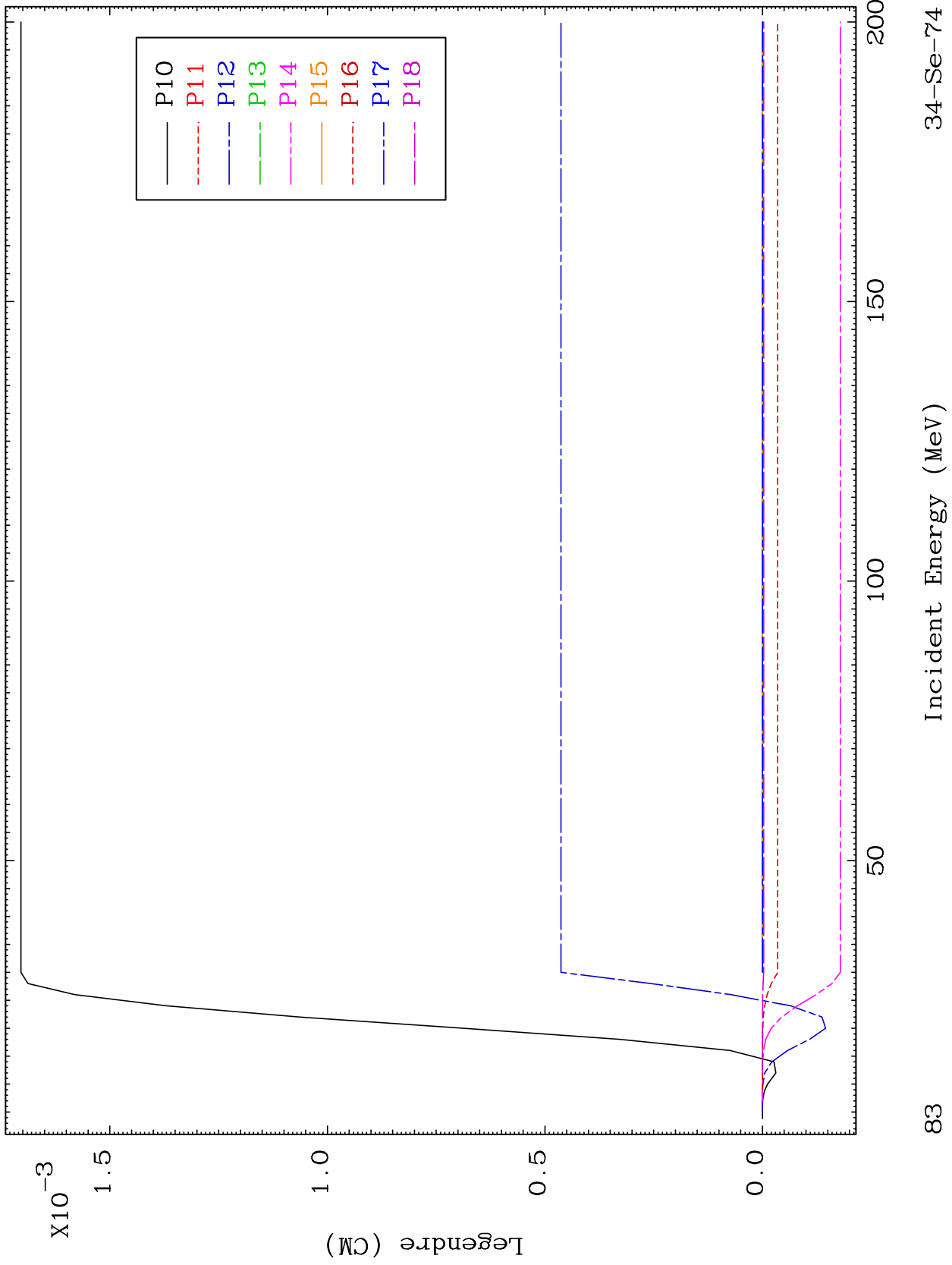
MAT 3425

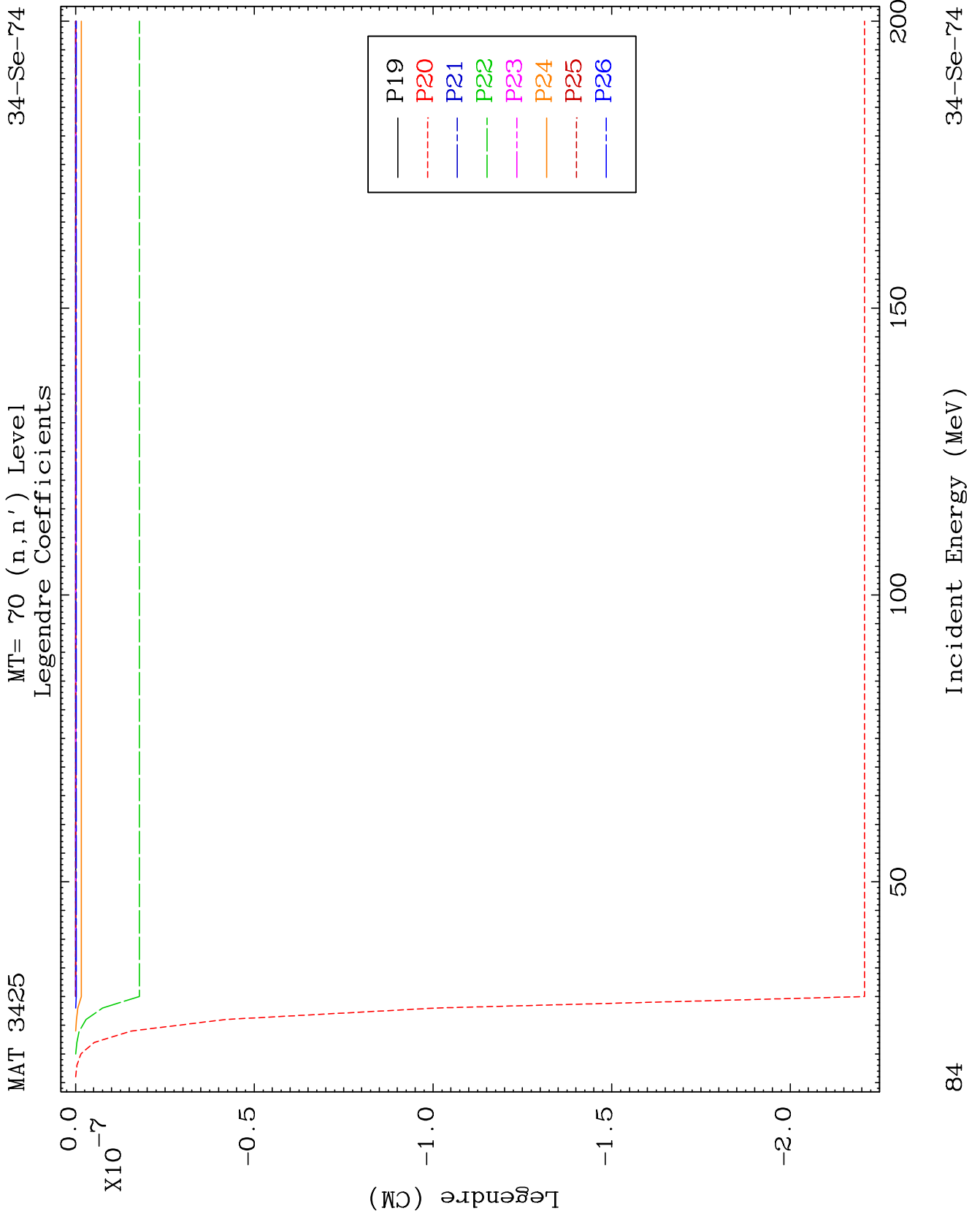
MT= 69 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-74





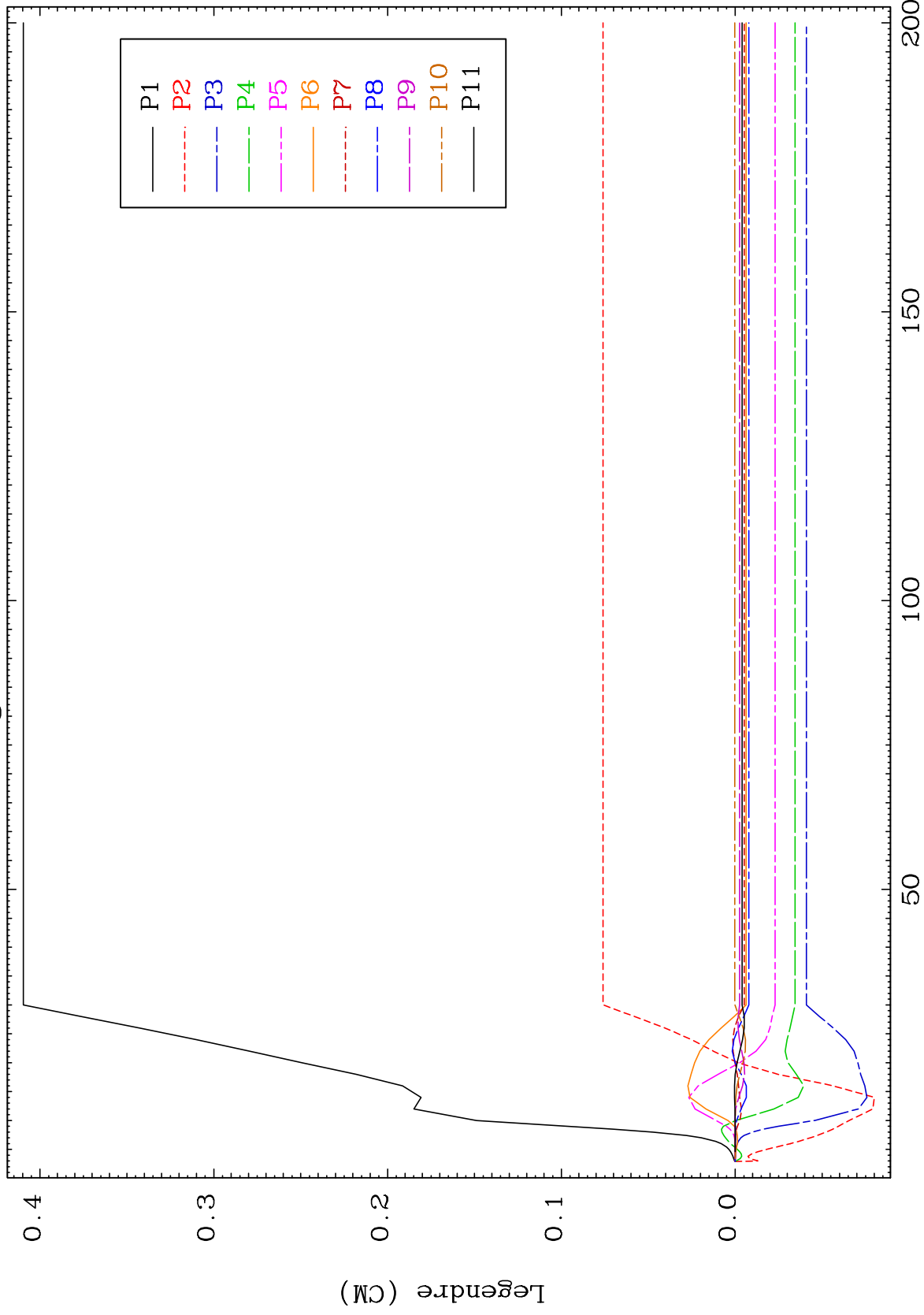




MAT 3425

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

<sup>34</sup>Se-74



85

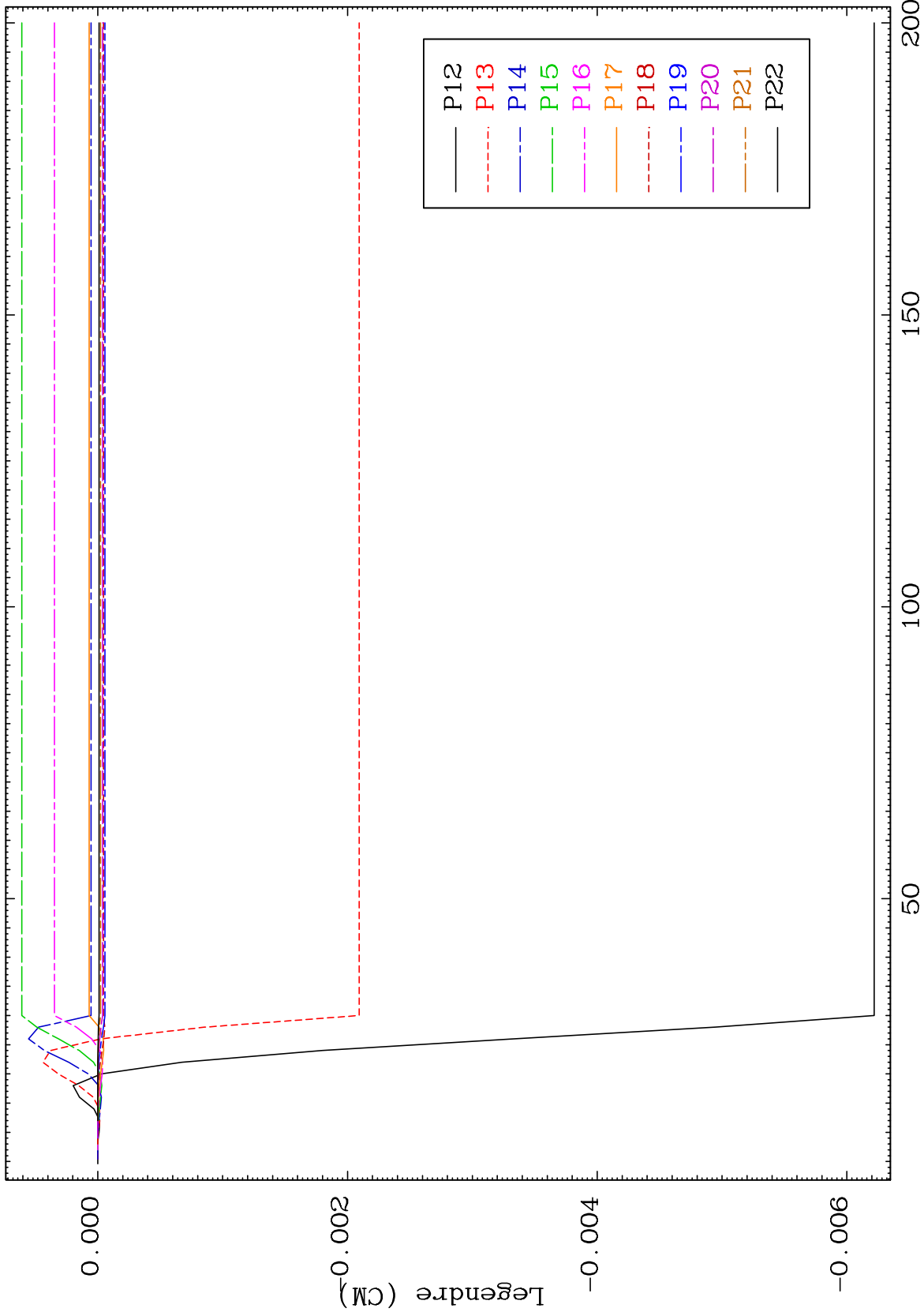
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



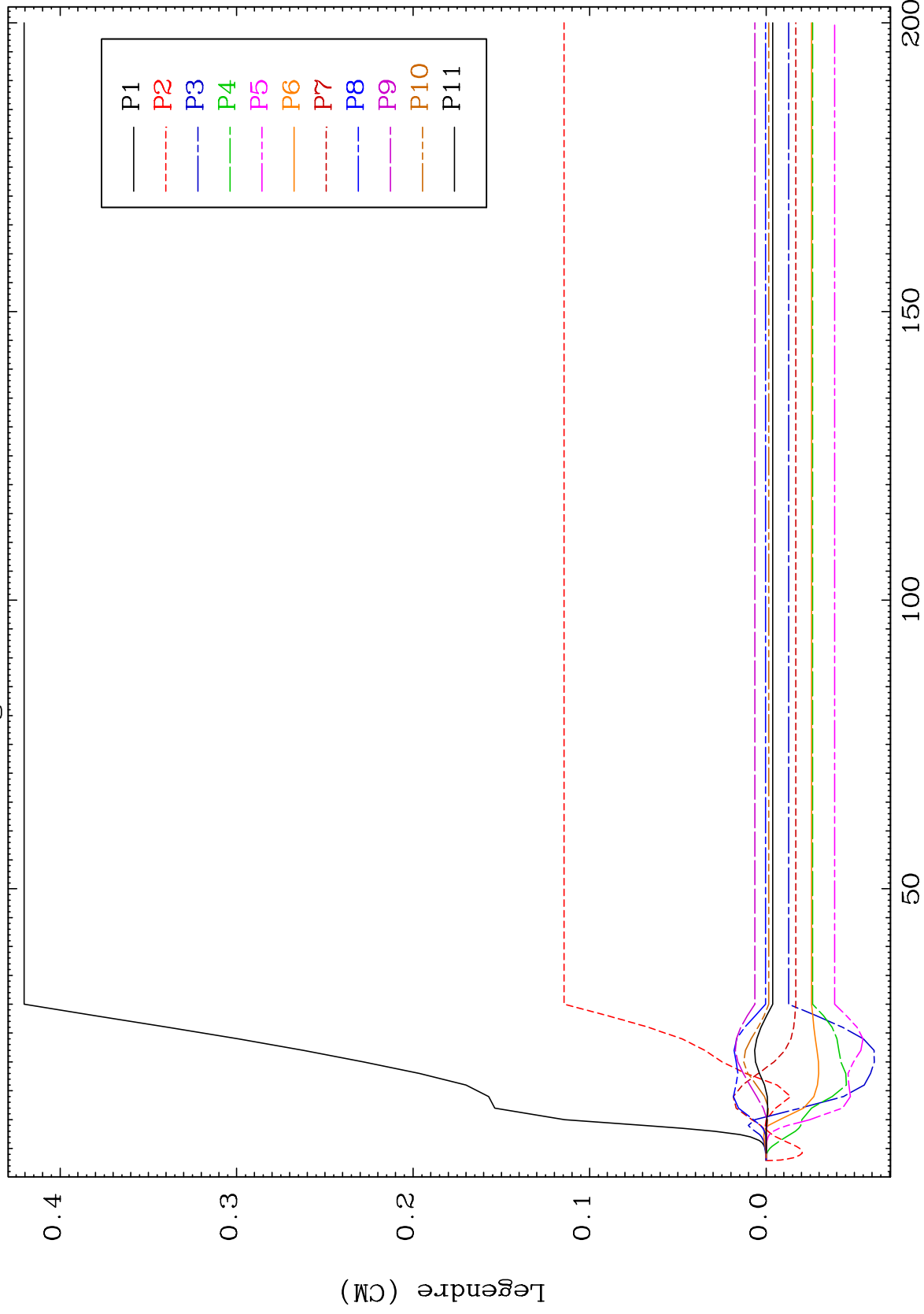




MAT 3425

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

<sup>34</sup>Se-74



88

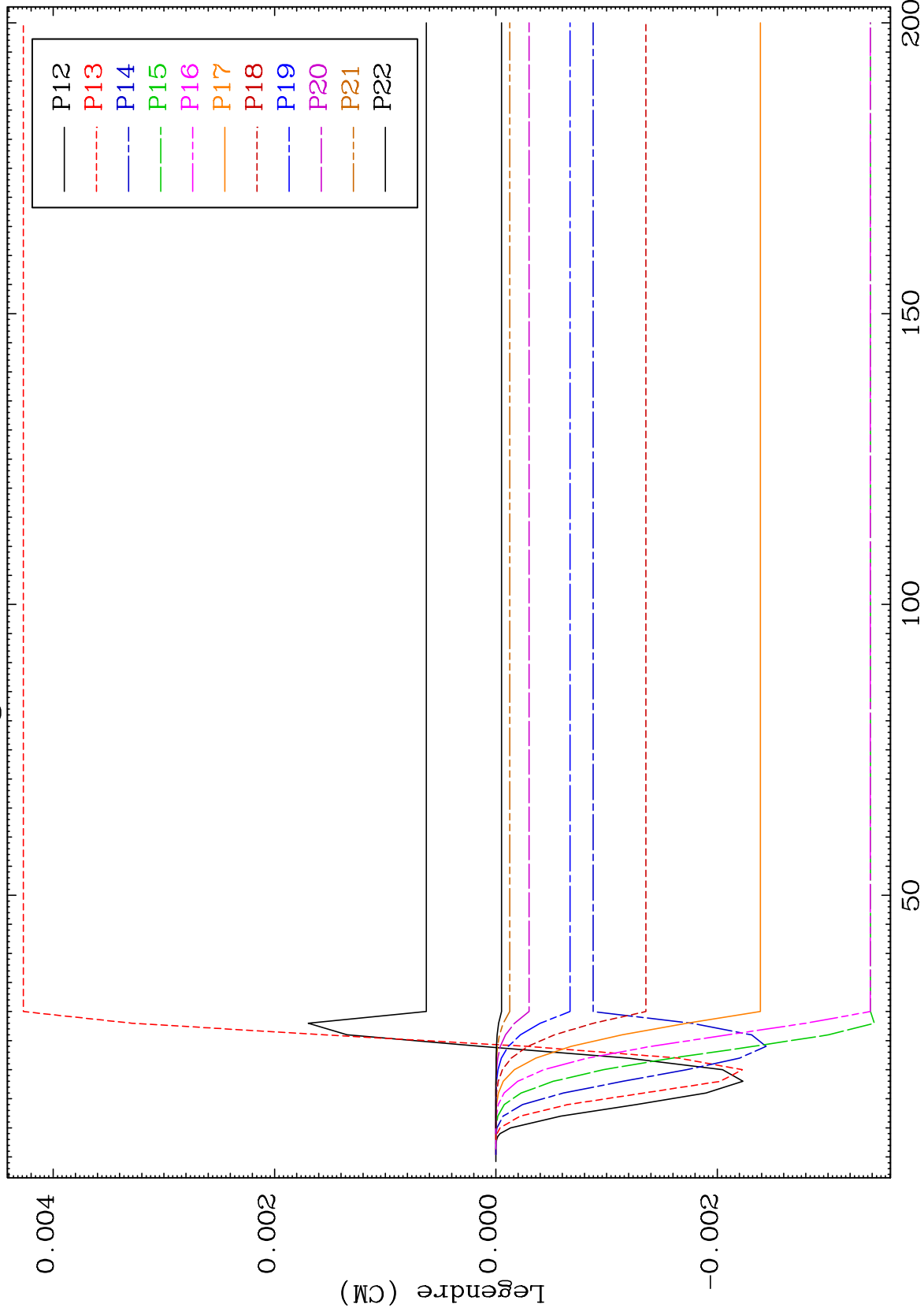
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74



89

Incident Energy (MeV)

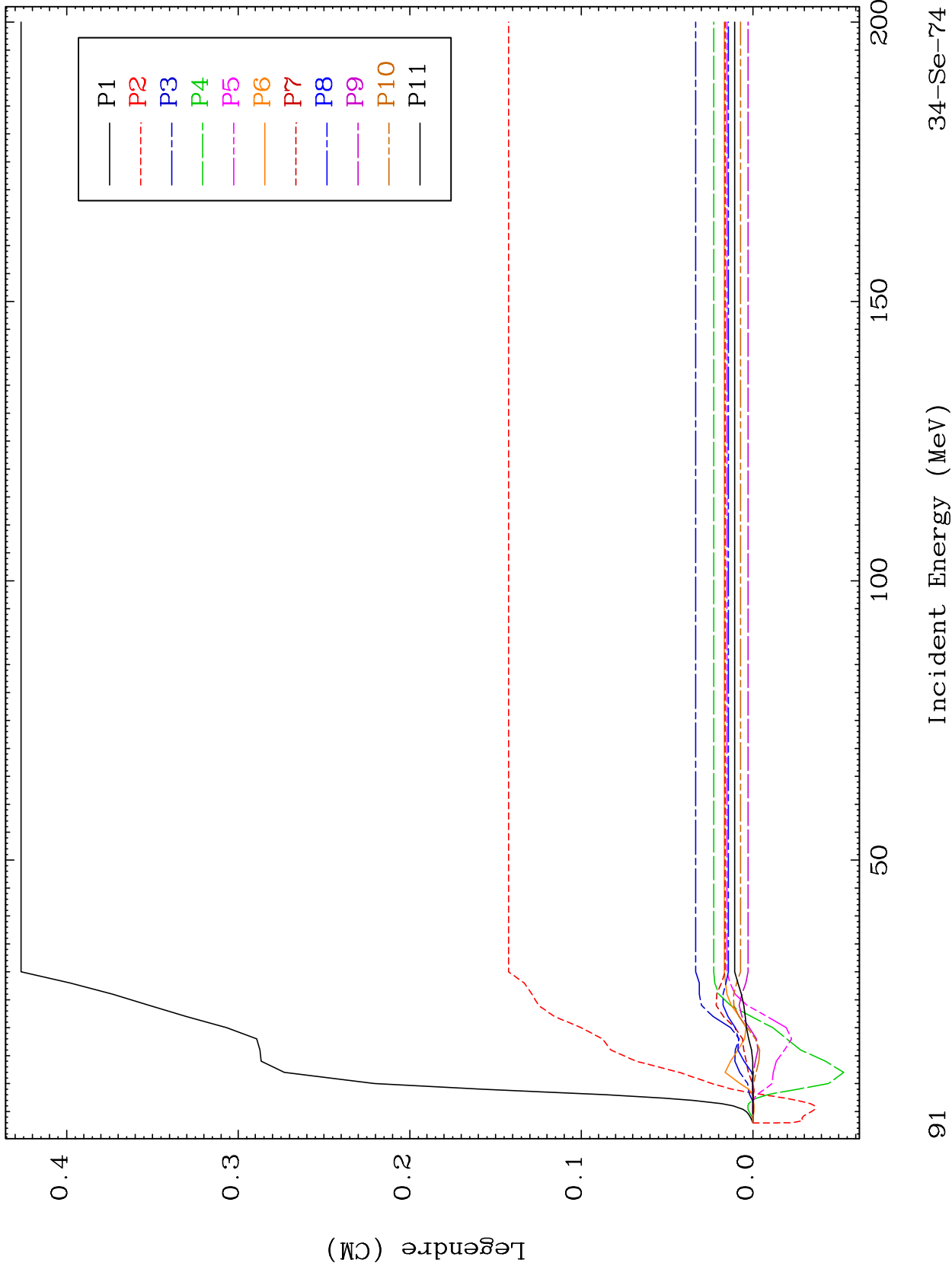
<sup>34</sup>Se-74



MAT 3425

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

<sup>34</sup>Se-74



91

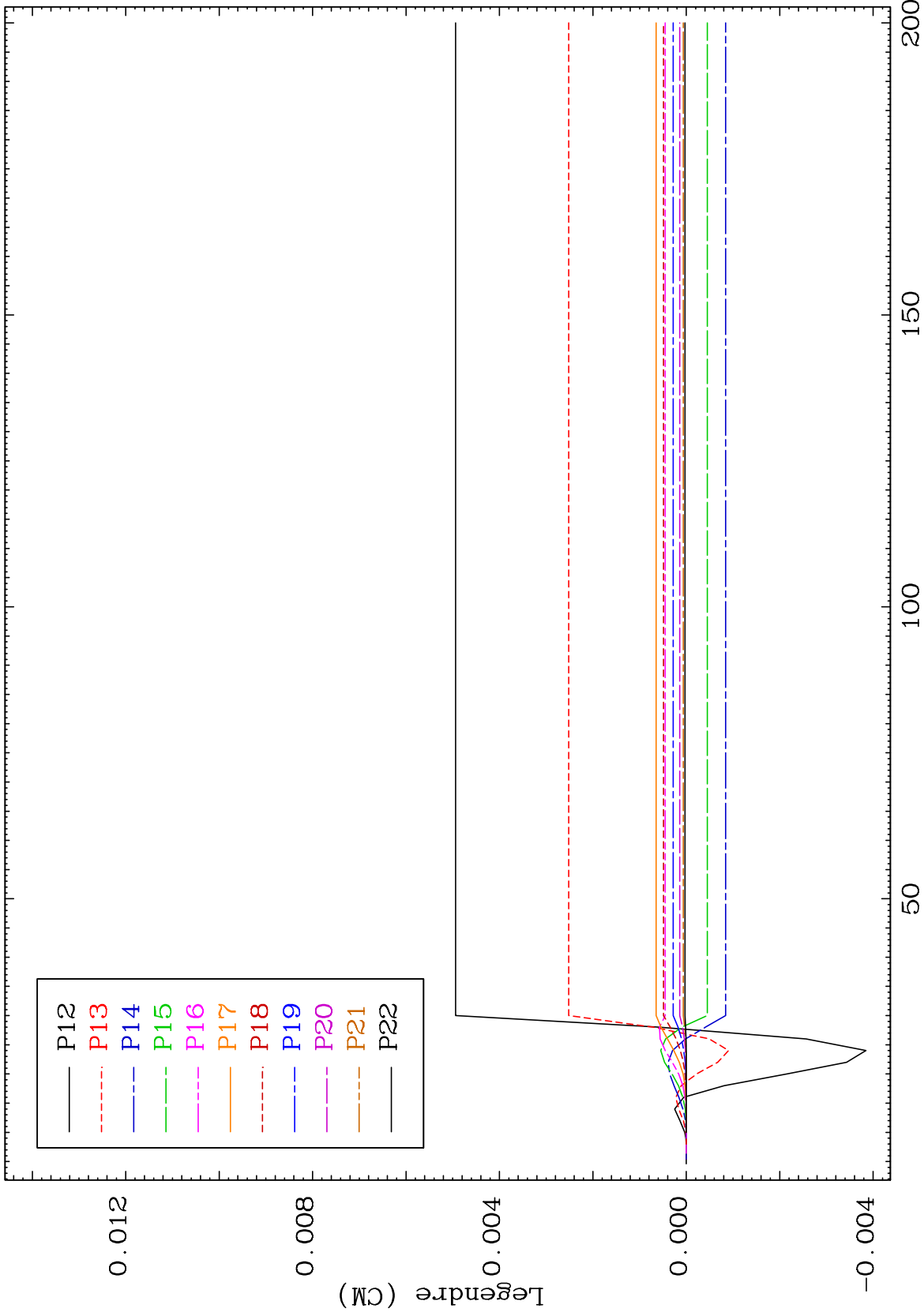
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



92

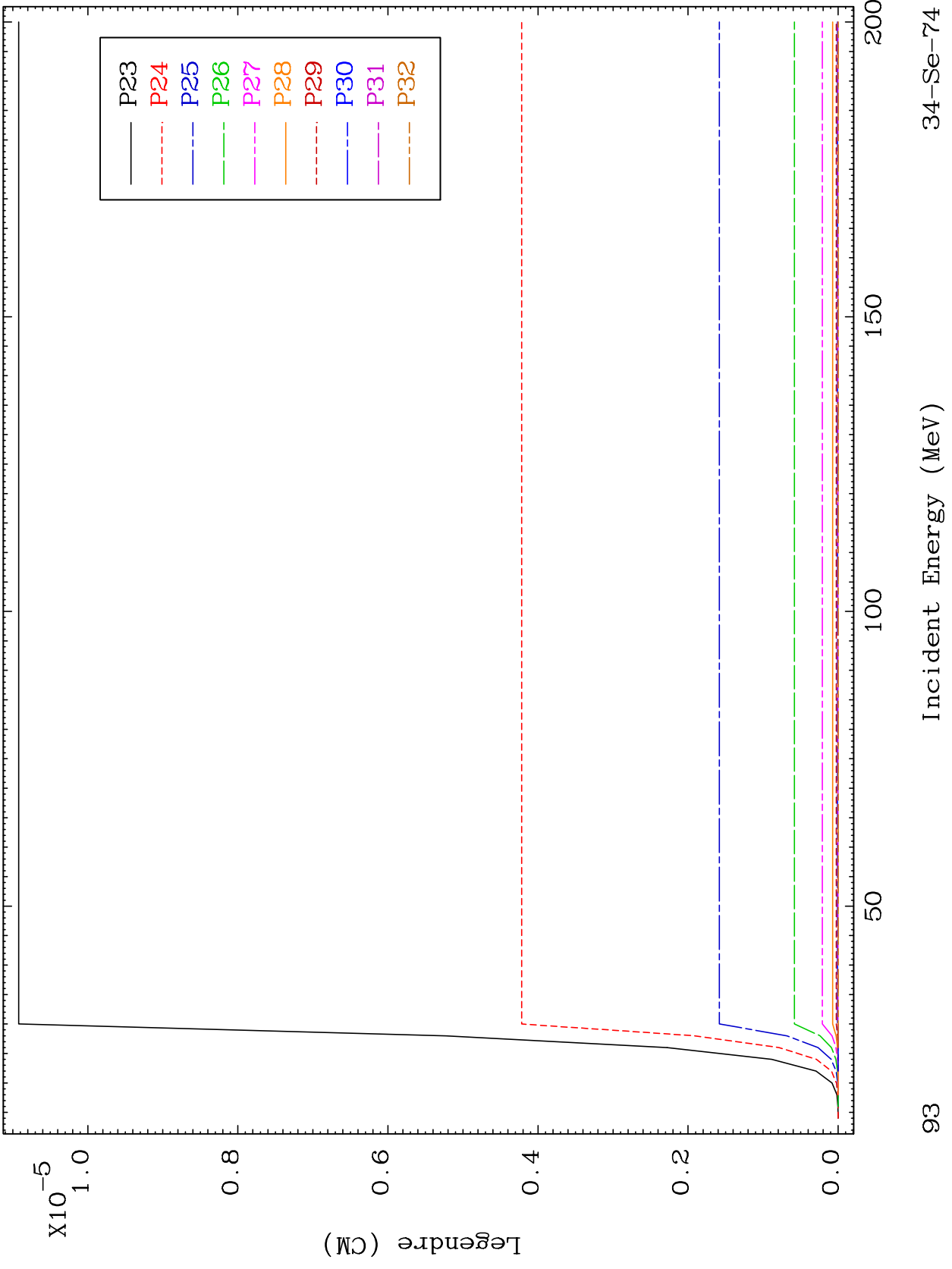
Incident Energy (MeV)

34-Se-74

MAT 3425

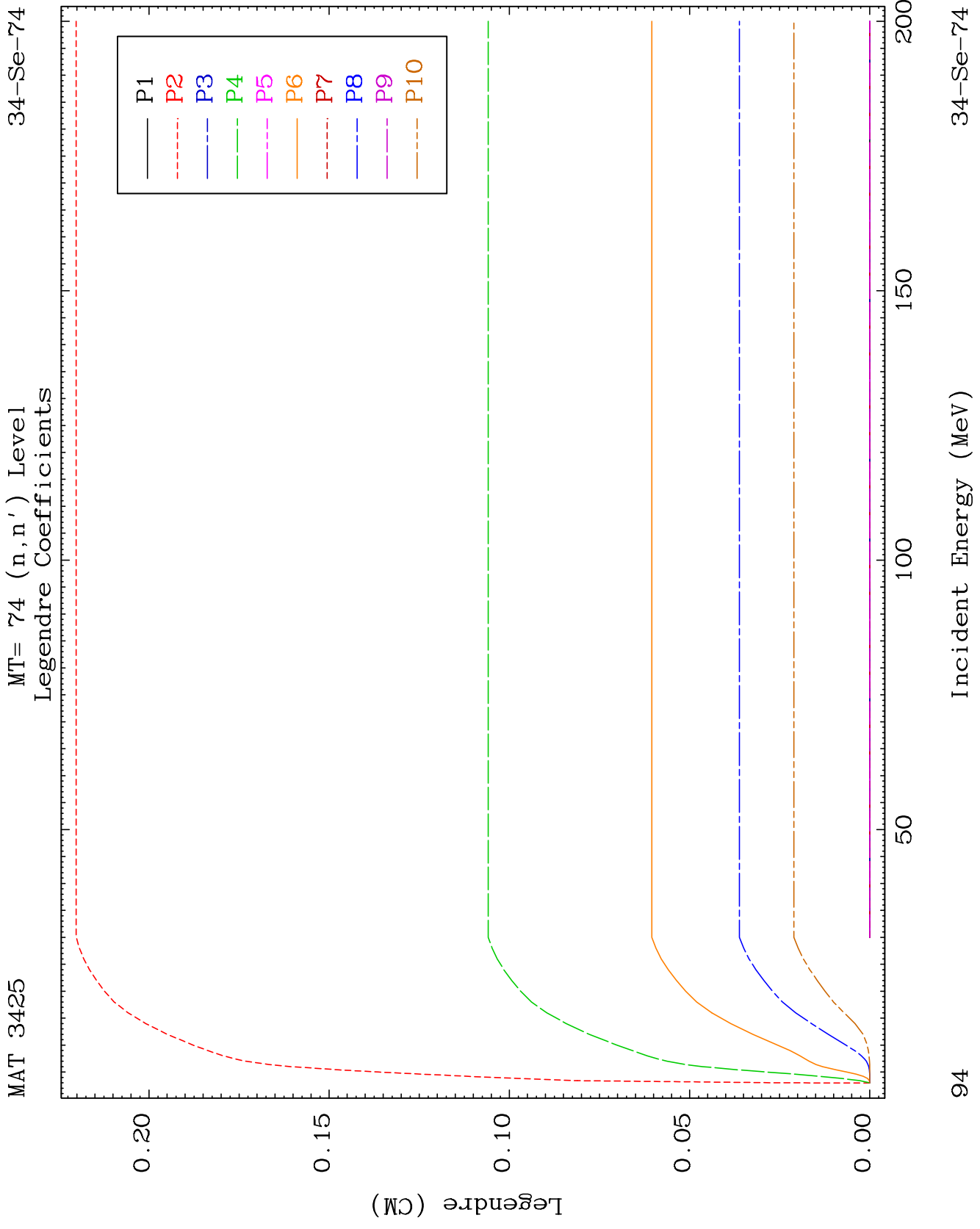
MT= 73 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-74



93

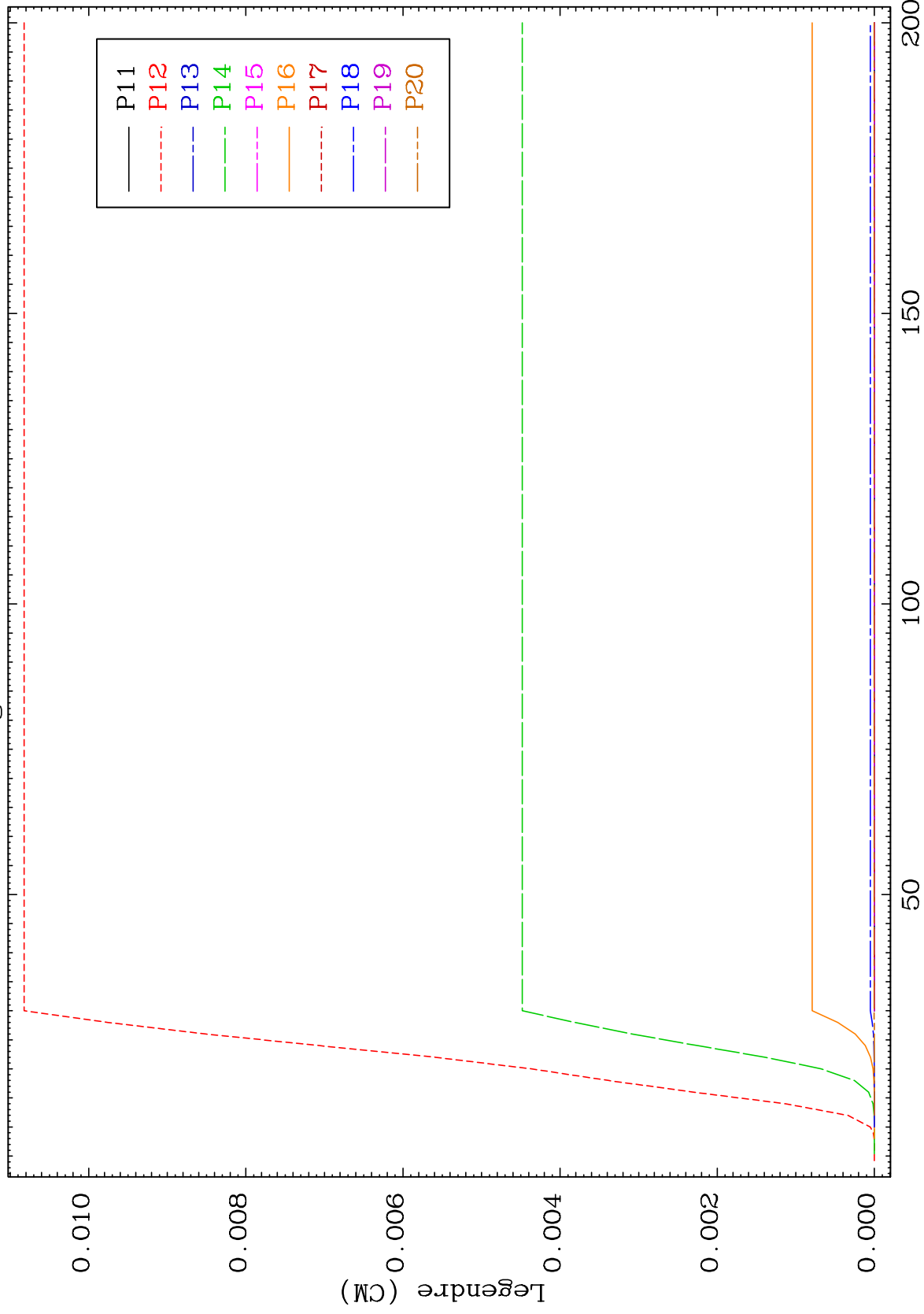
<sup>34</sup>Se-74



MAT 3425

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

34-Se-74

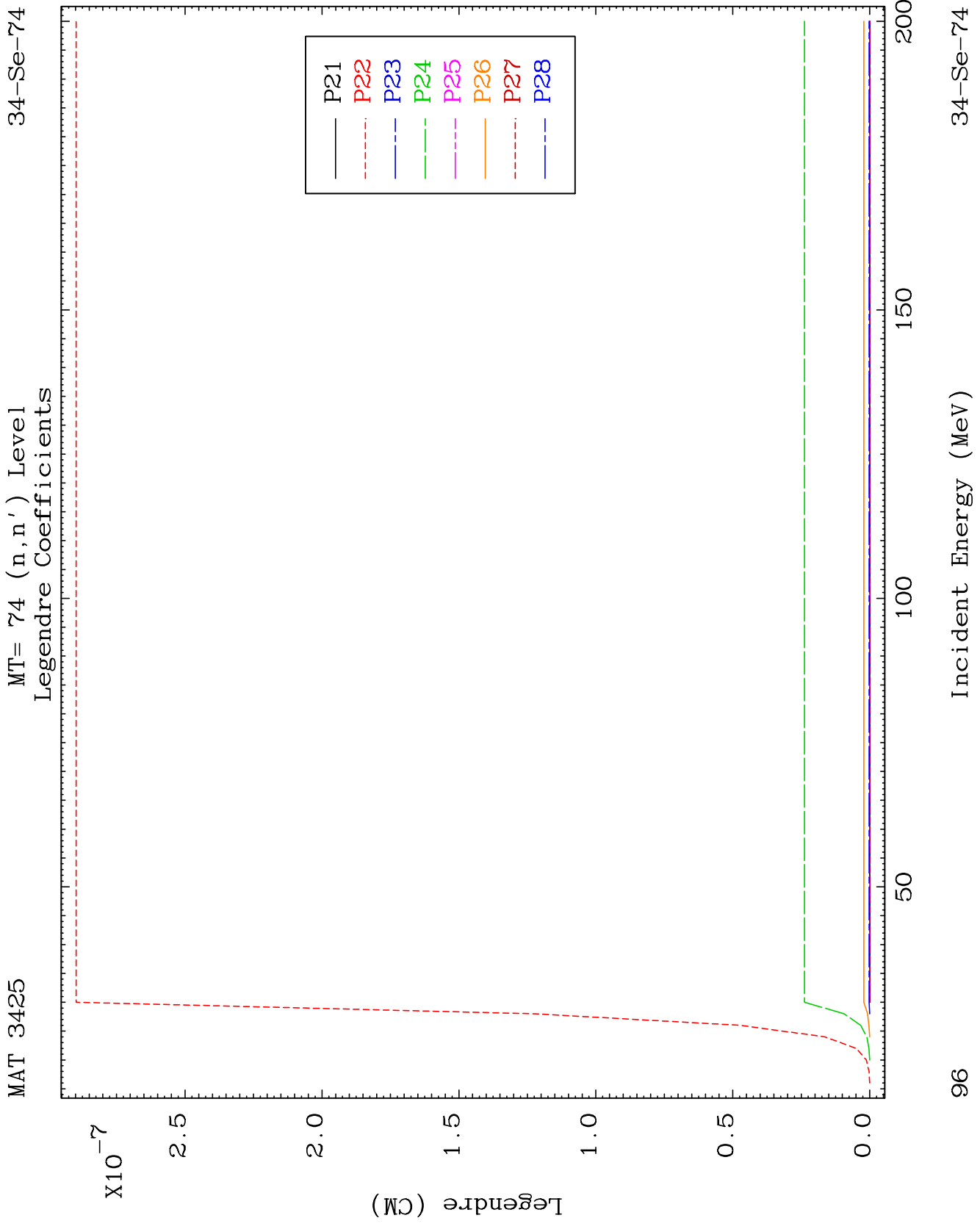


95

Incident Energy (MeV)

34-Se-74

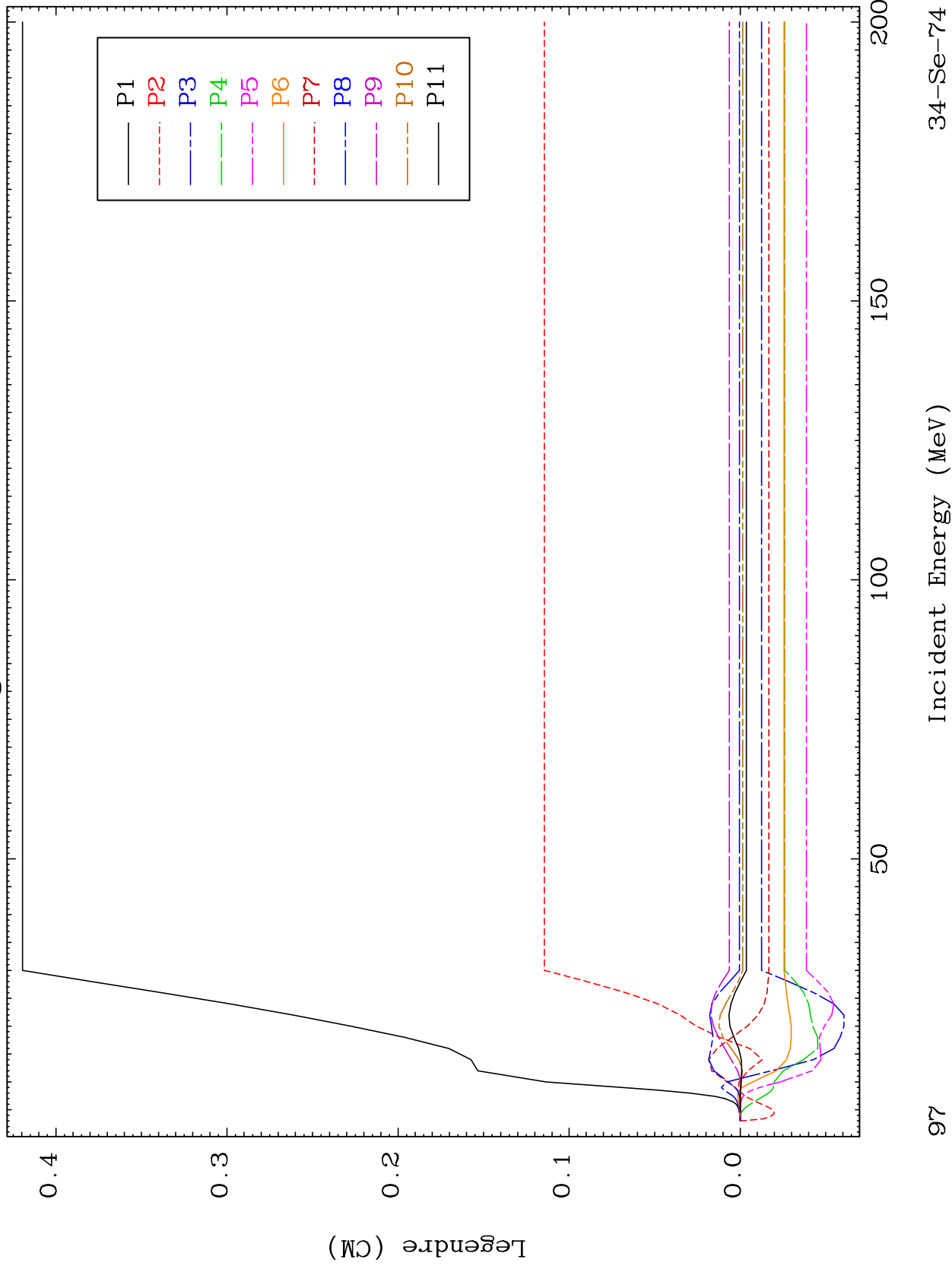




MAT 3425

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

<sup>34</sup>Se-74



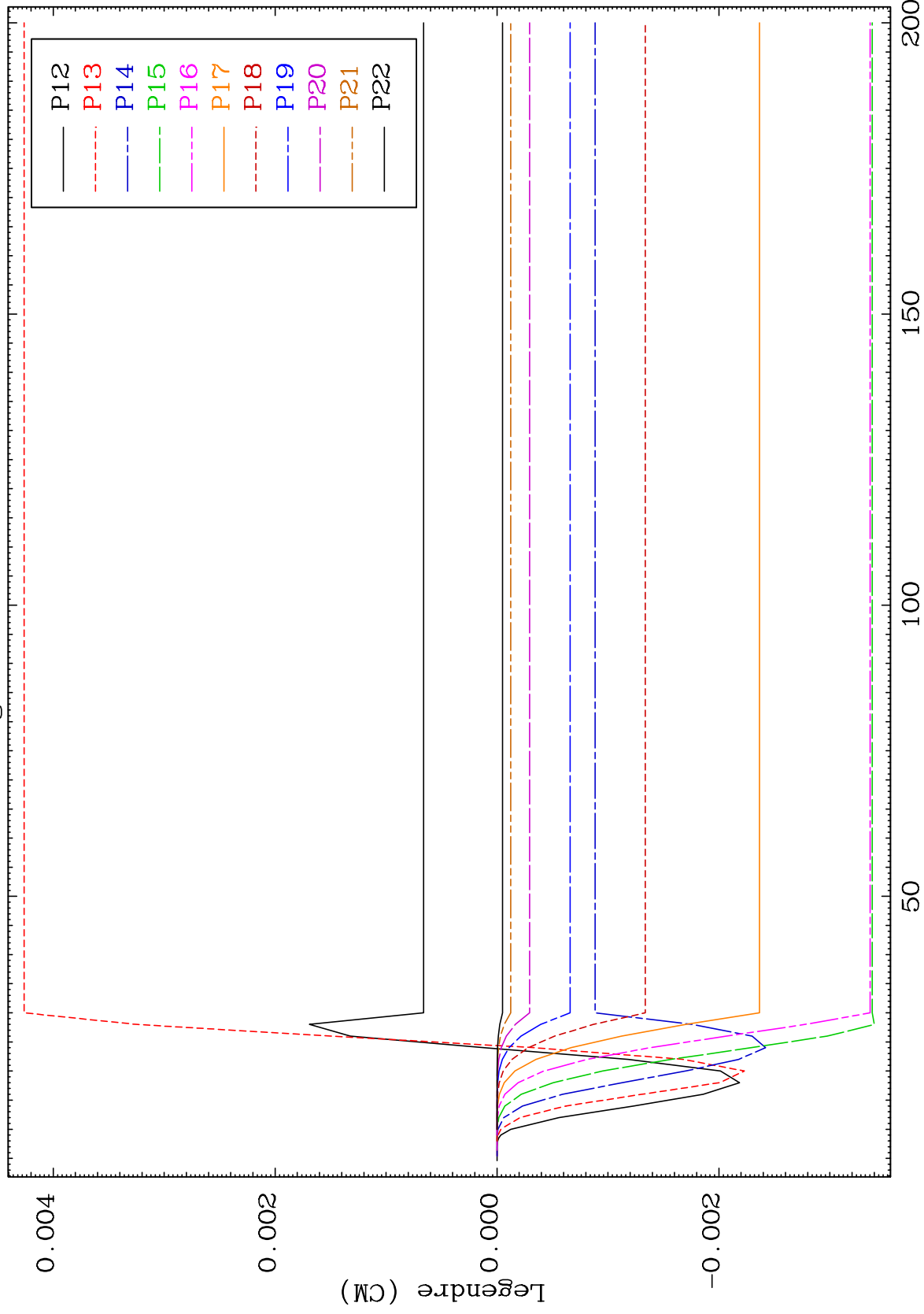
97

<sup>34</sup>Se-74

MAT 3425

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

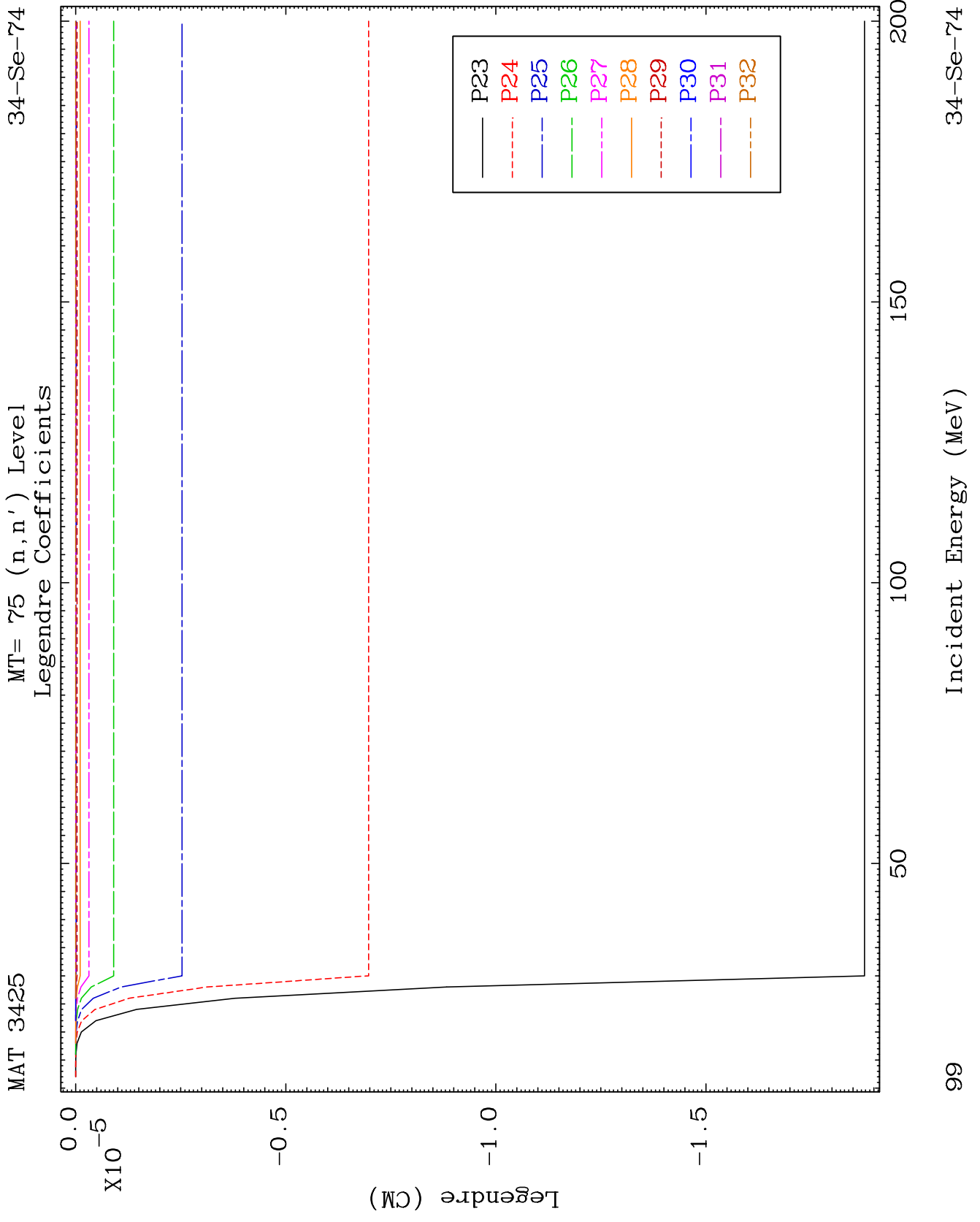
<sup>34</sup>Se-74



98

Incident Energy (MeV)

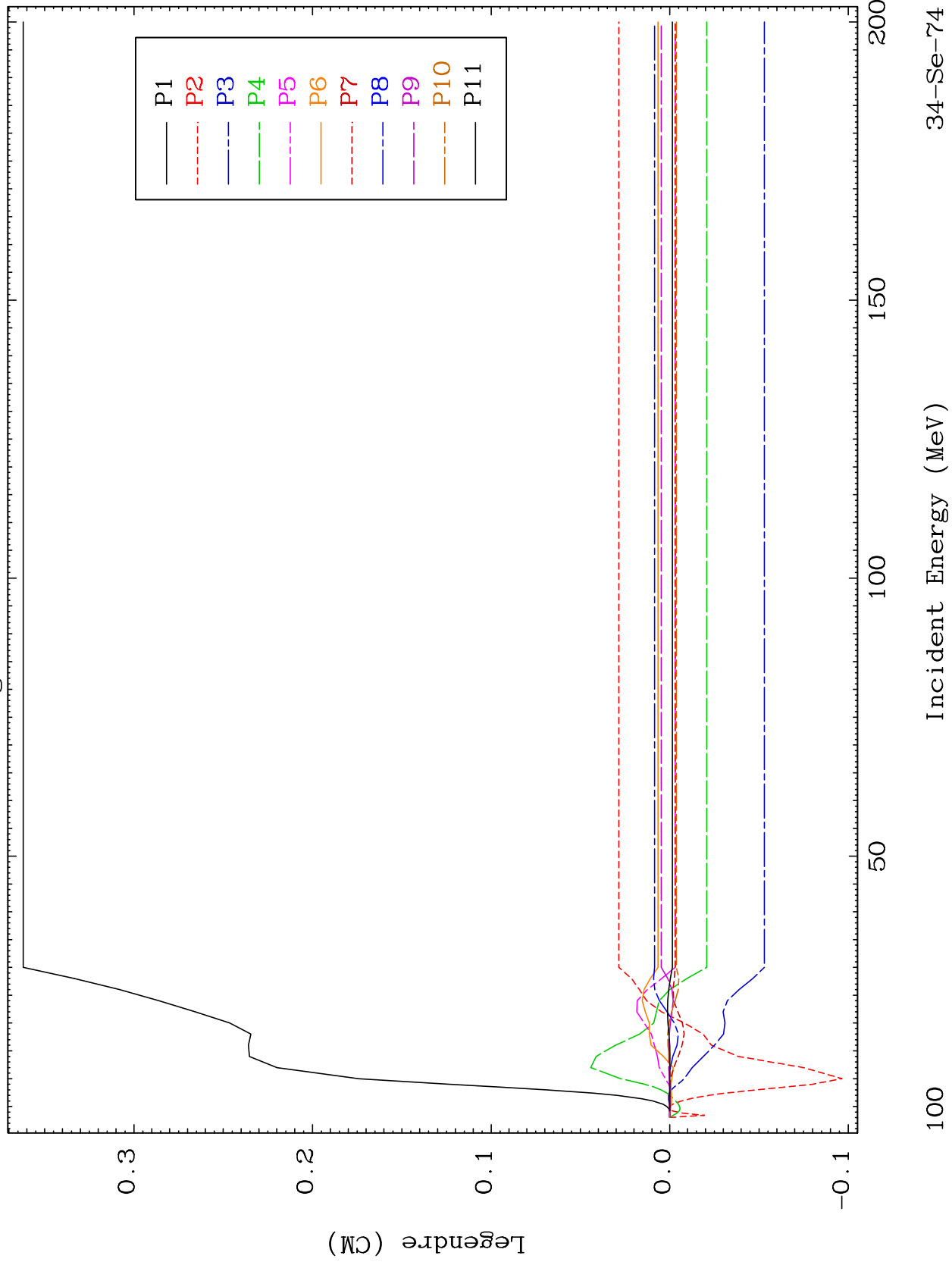
<sup>34</sup>Se-74



MAT 3425

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

<sup>34</sup>Se-74

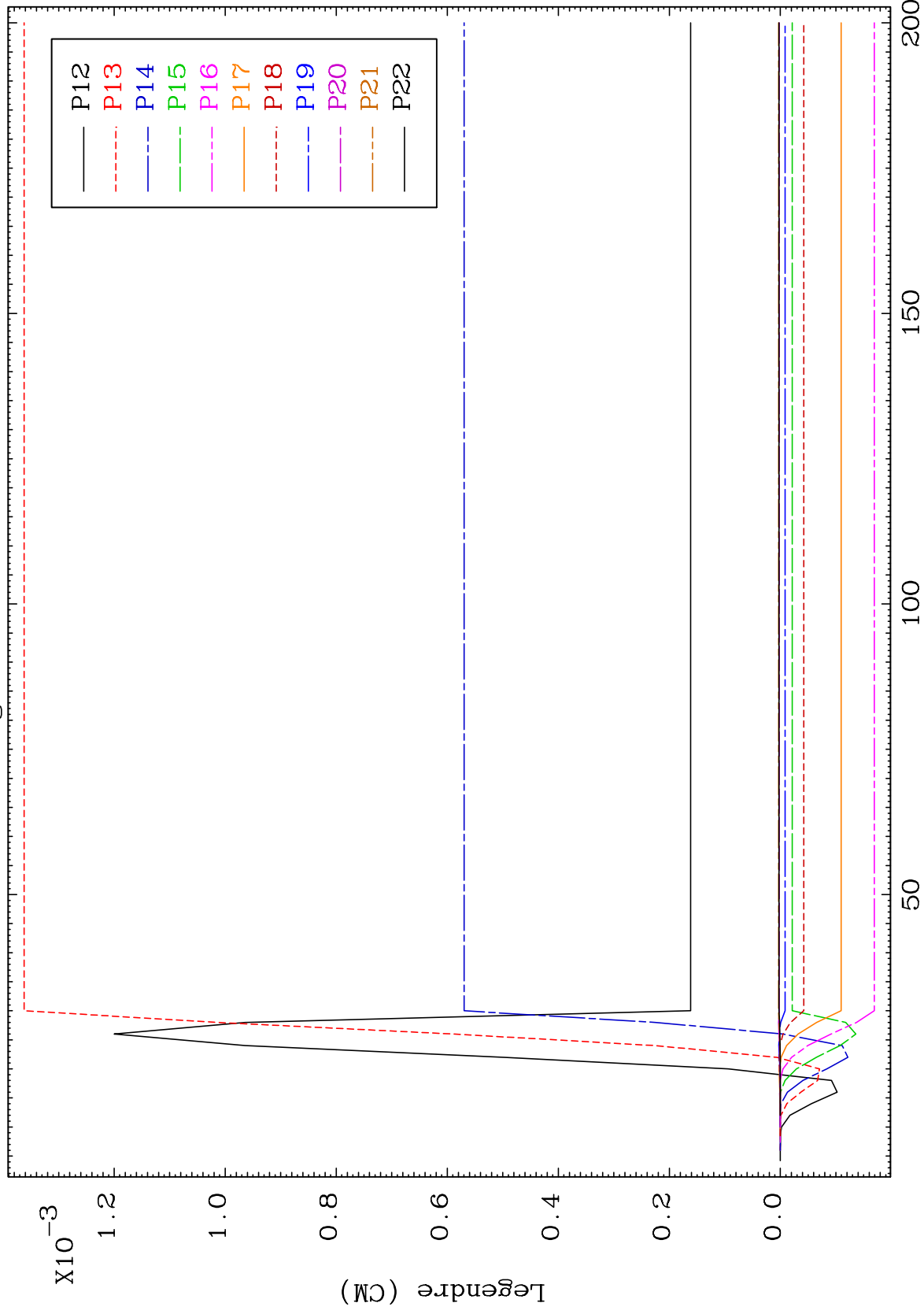


<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74



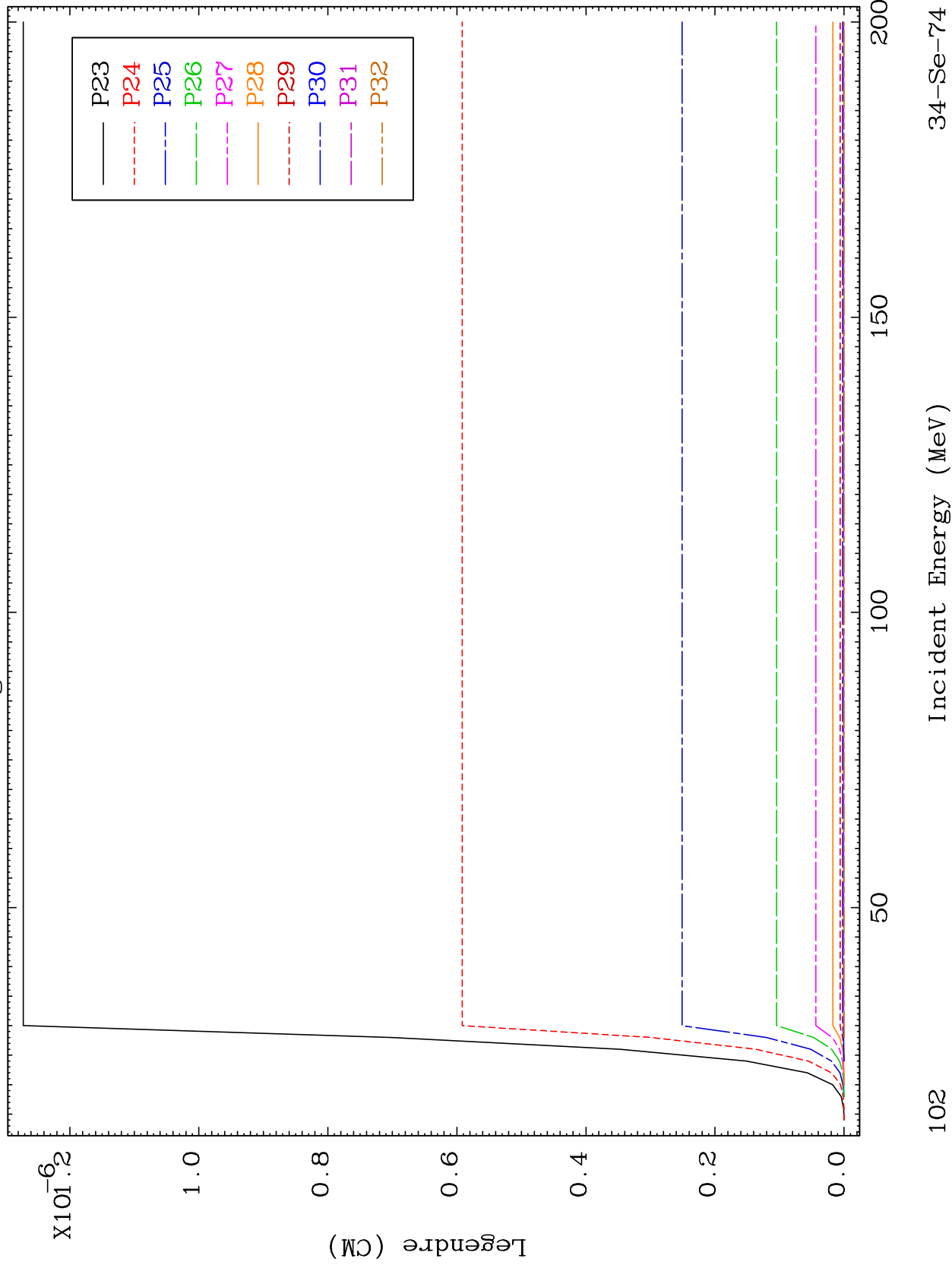
101

<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74

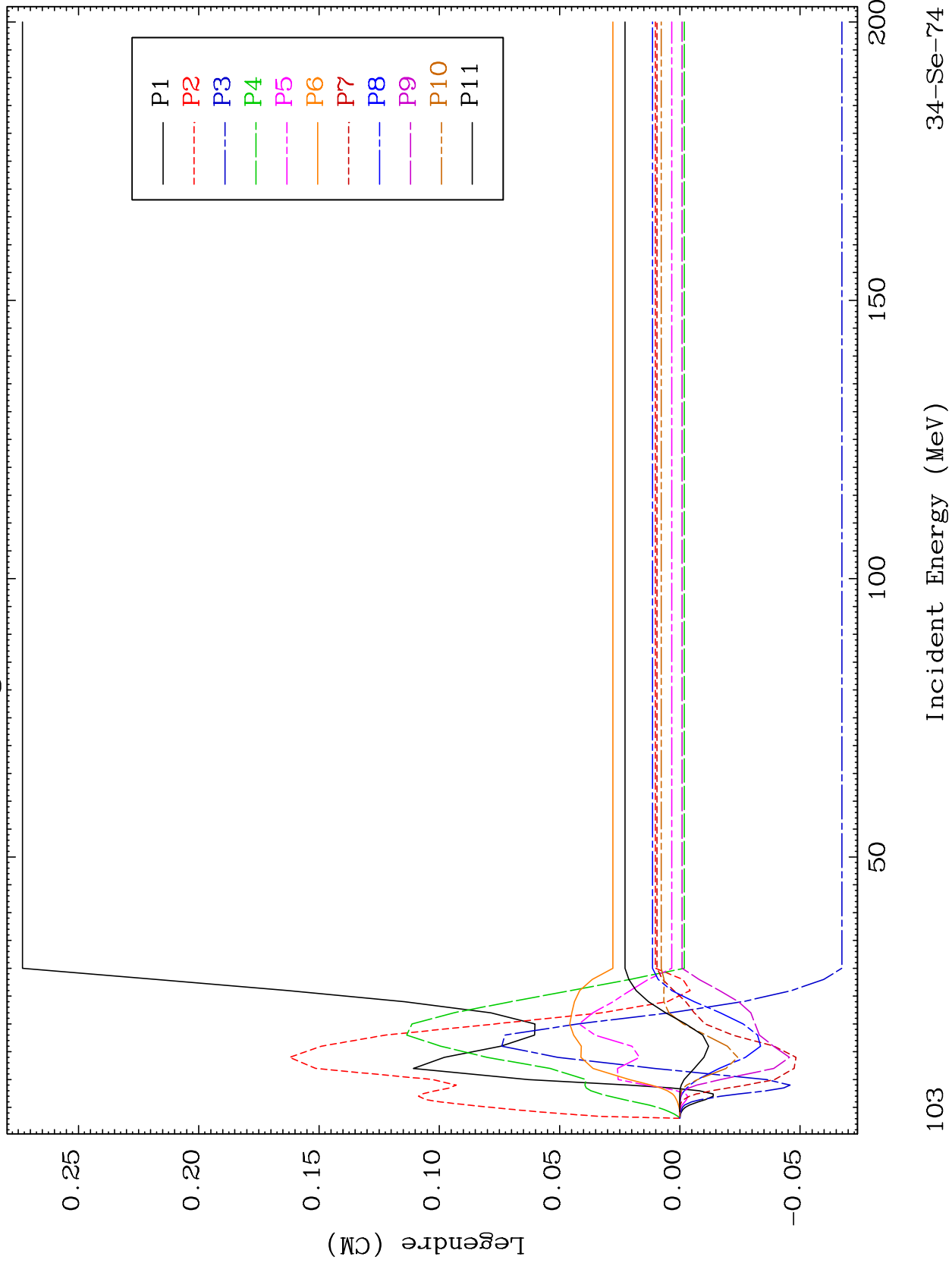


102

MAT 3425

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

<sup>34</sup>Se-74



103

Incident Energy (MeV)

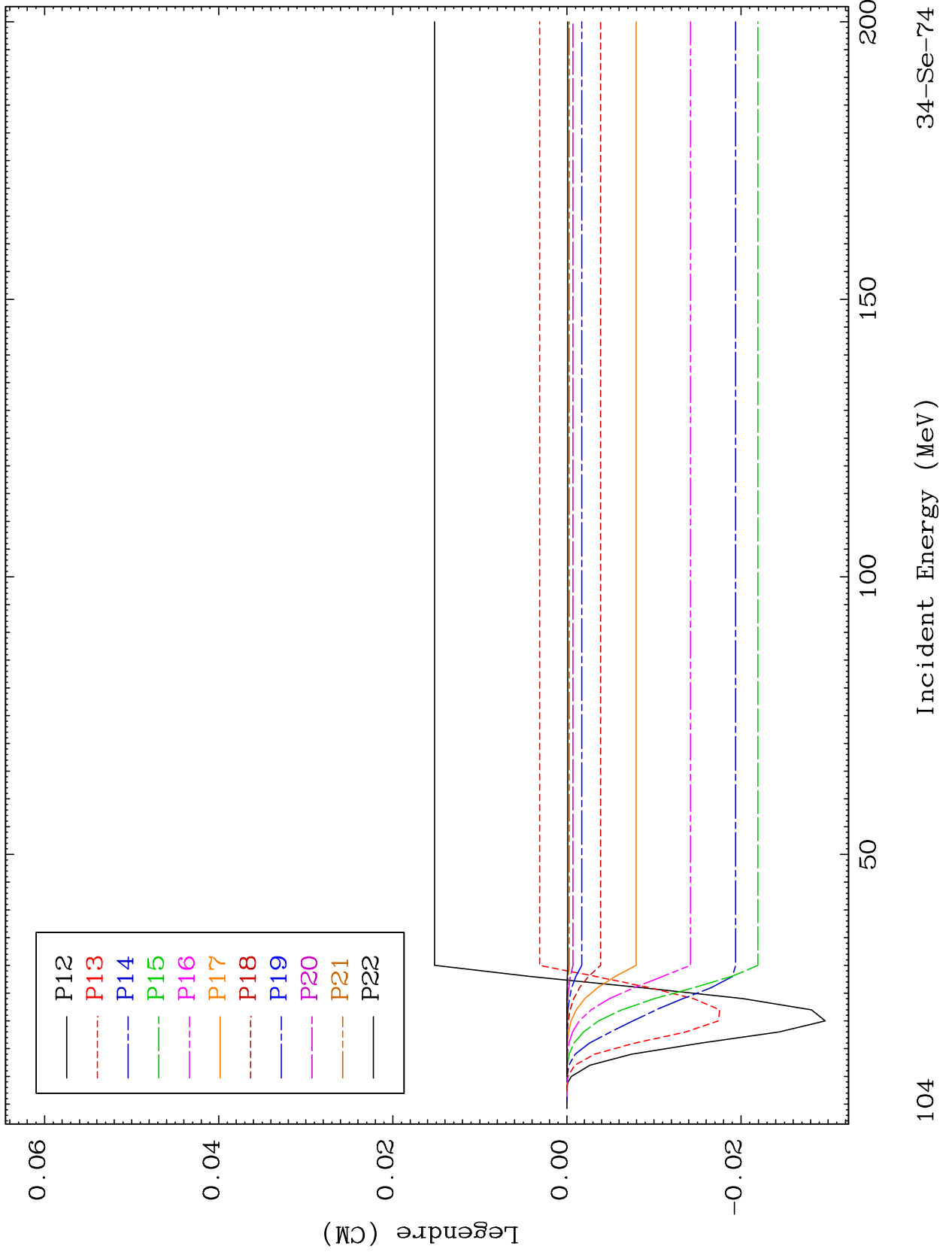
<sup>34</sup>Se-74



MAT 3425

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

34-Se-74



104

Incident Energy (MeV)

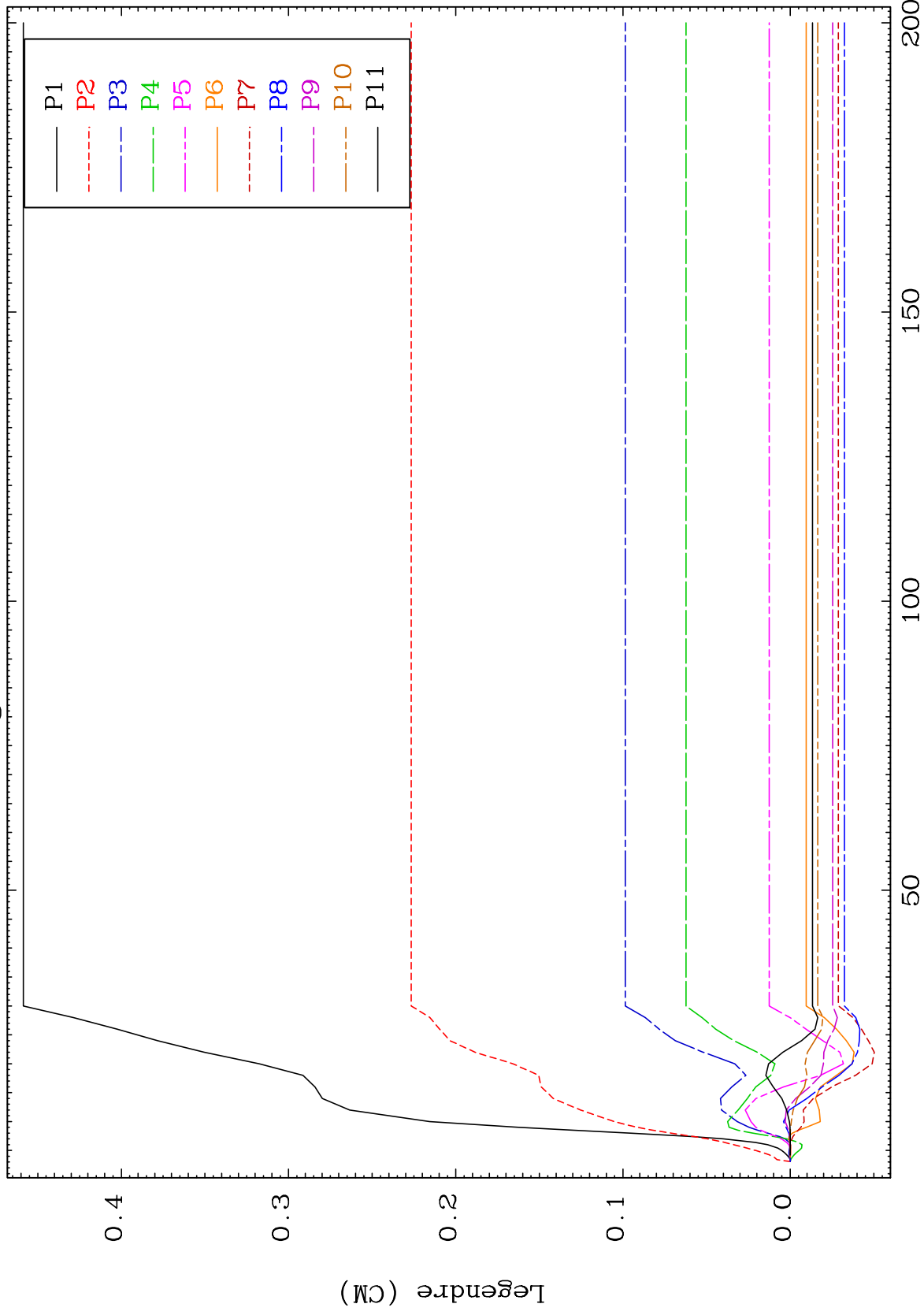
34-Se-74



MAT 3425

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

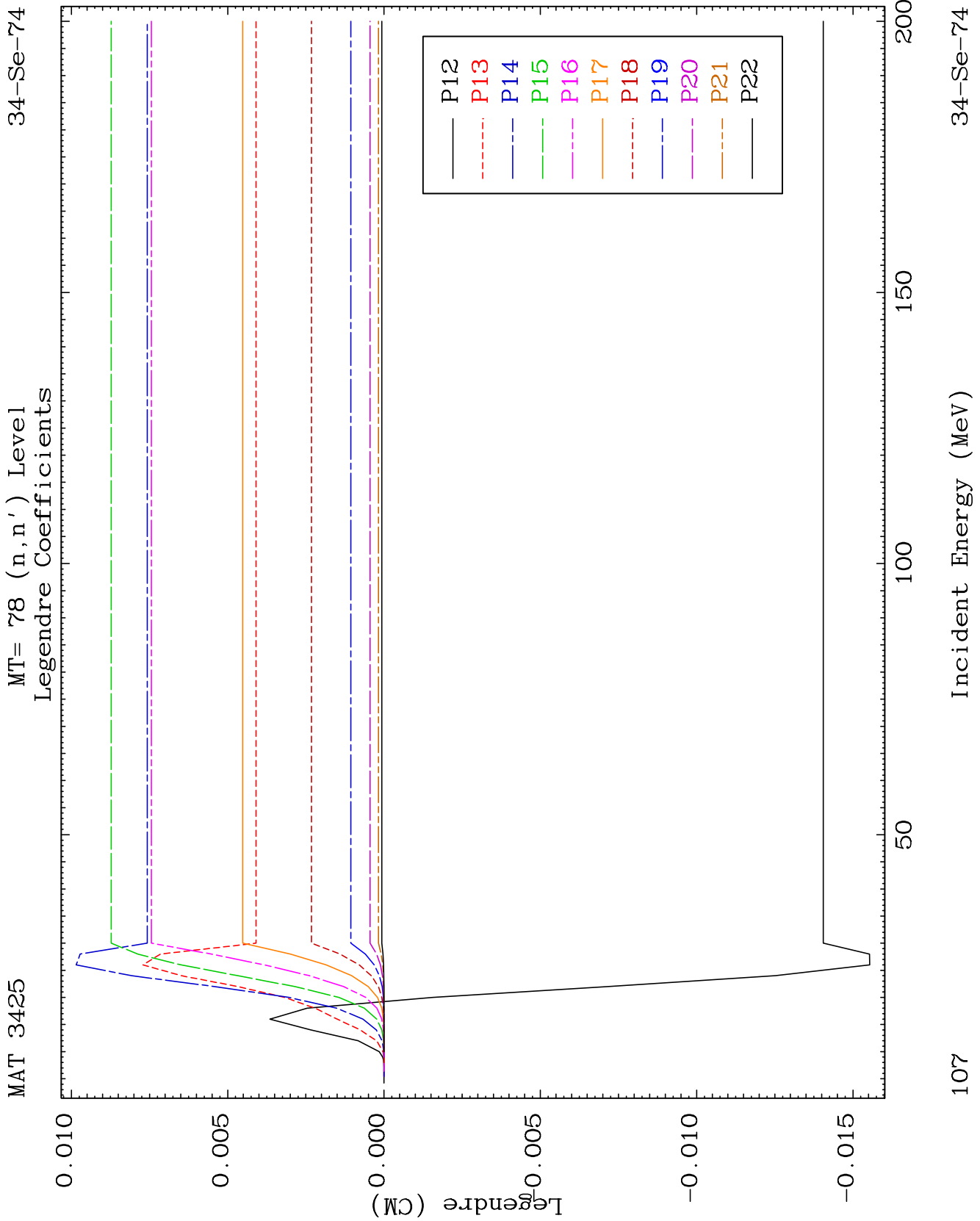
<sup>34</sup>Se-74



106

Incident Energy (MeV)

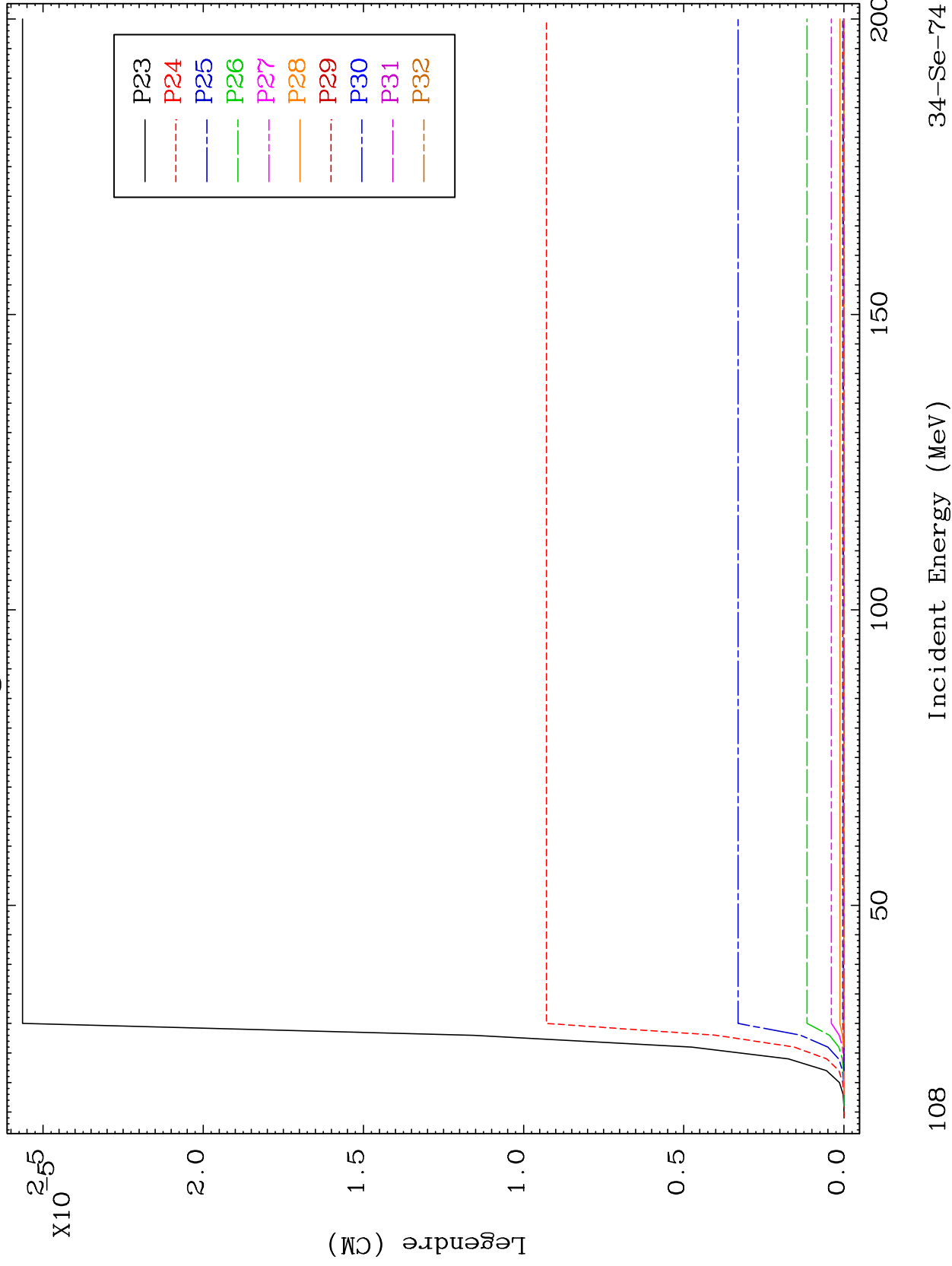
<sup>34</sup>Se-74



MAT 3425

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

<sup>34</sup>Se-74



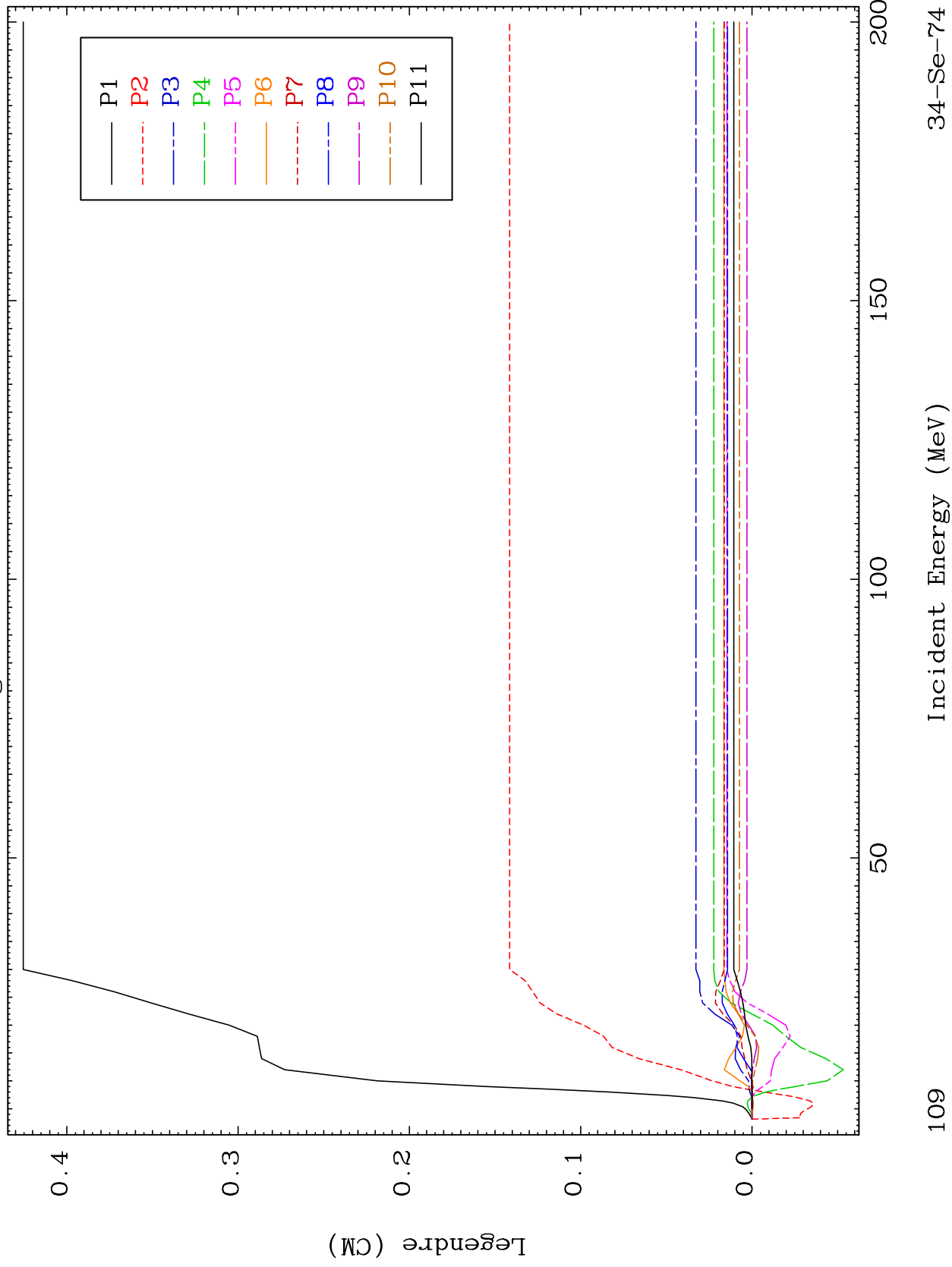
108

<sup>34</sup>Se-74

MAT 3425

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

<sup>34</sup>Se-74



109

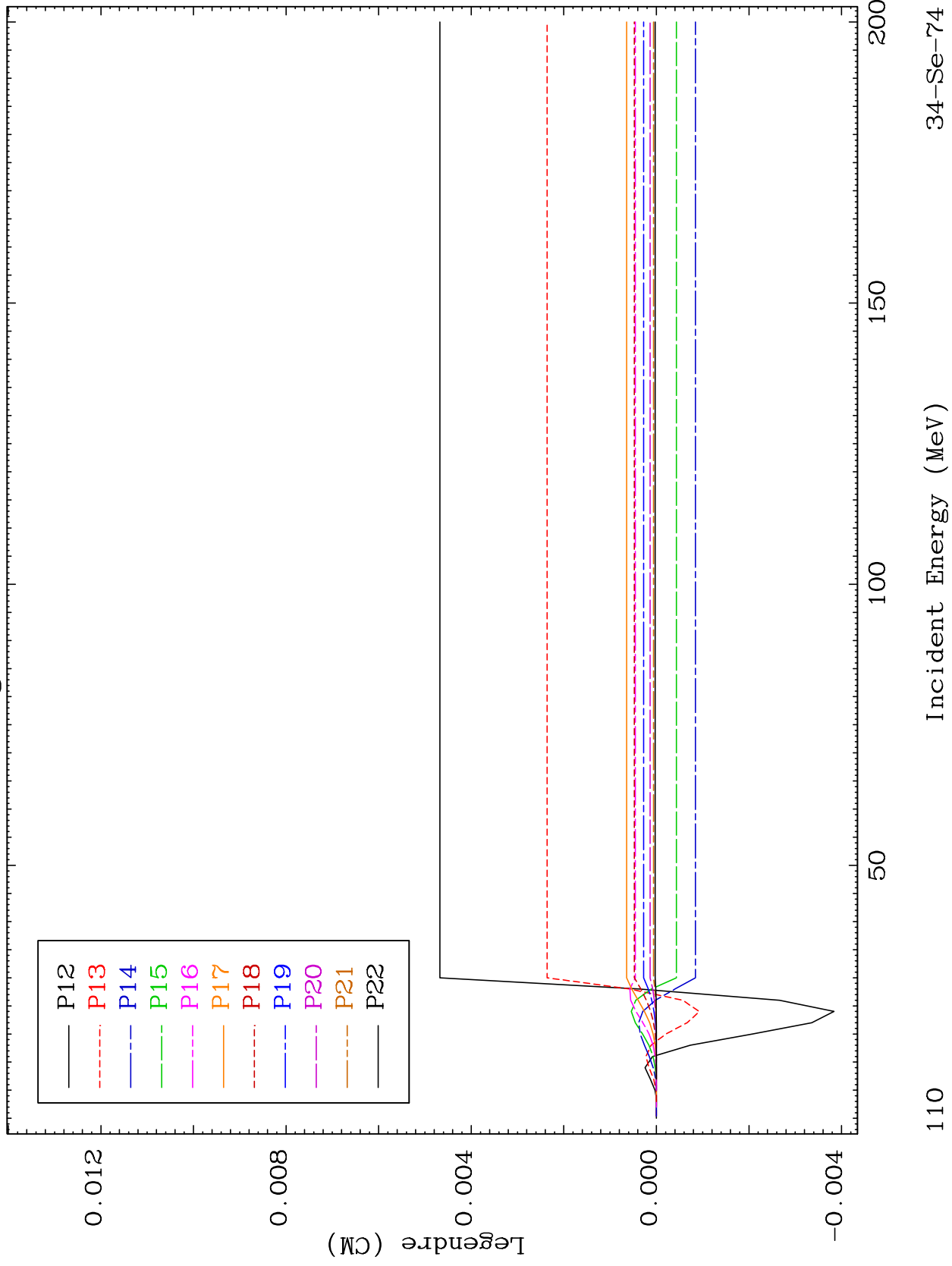
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



110

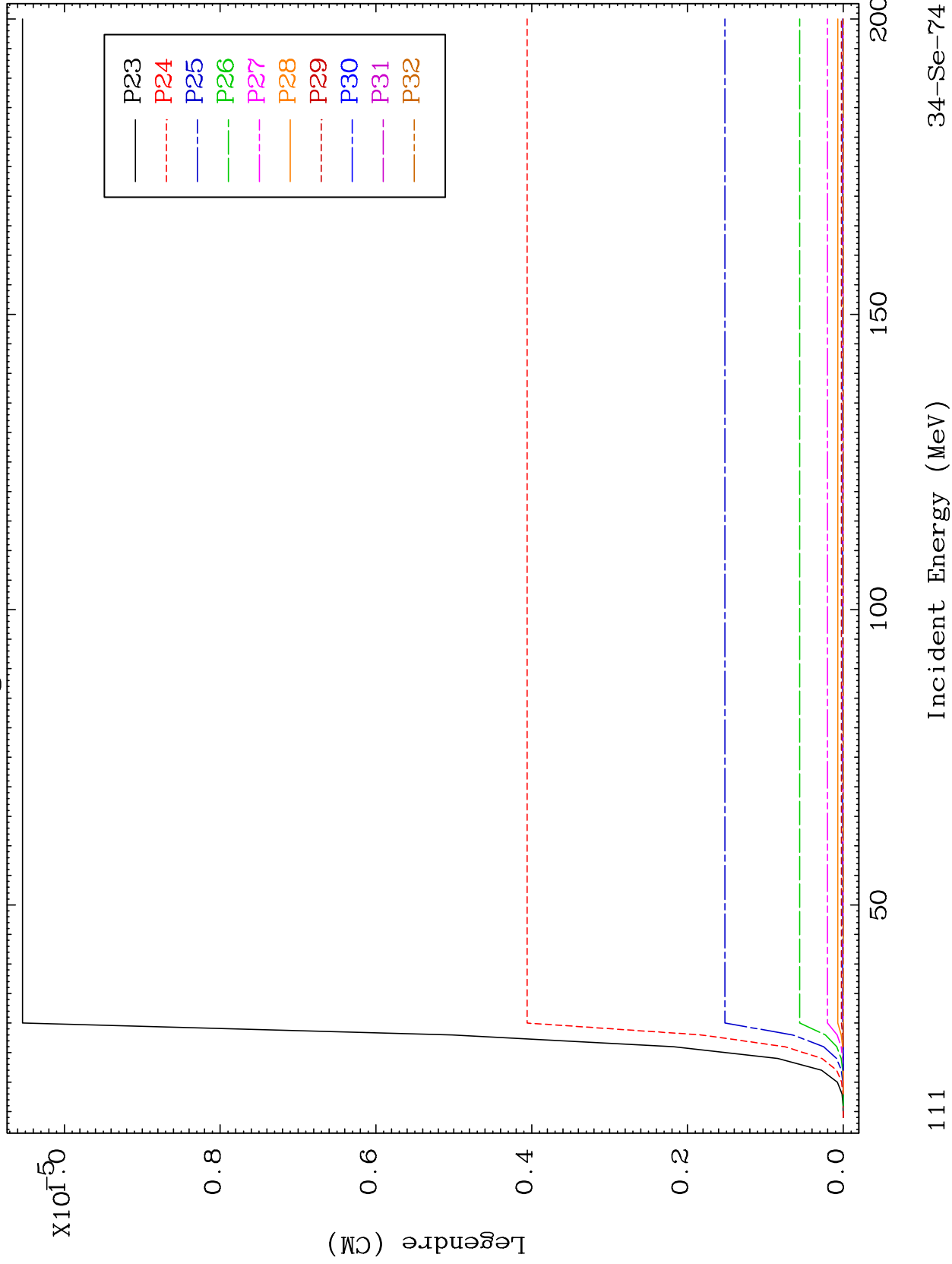
Incident Energy (MeV)

34-Se-74

MAT 3425

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

<sup>34</sup>Se-74



111

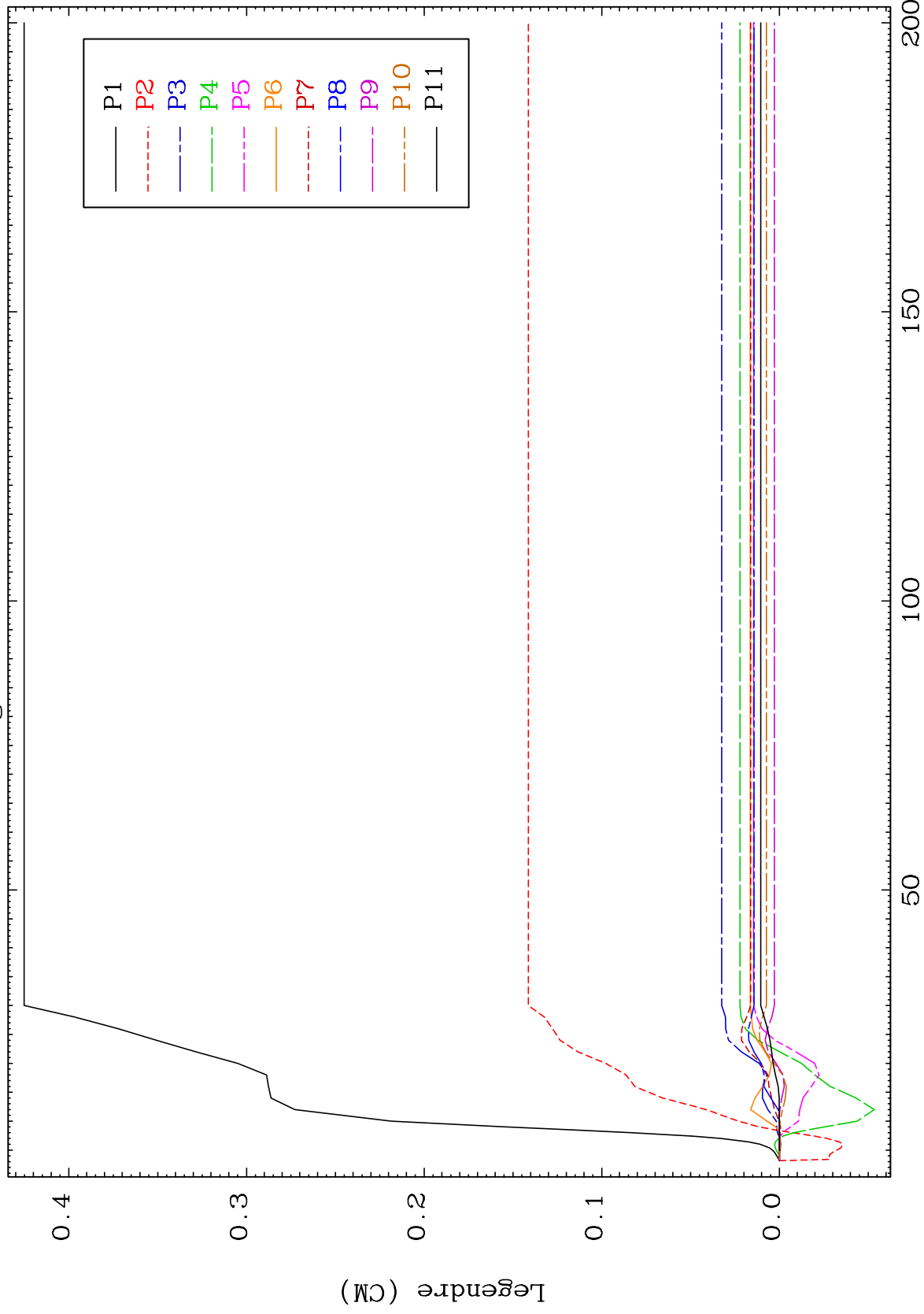
<sup>34</sup>Se-74



MAT 3425

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

<sup>34</sup>Se-74



112

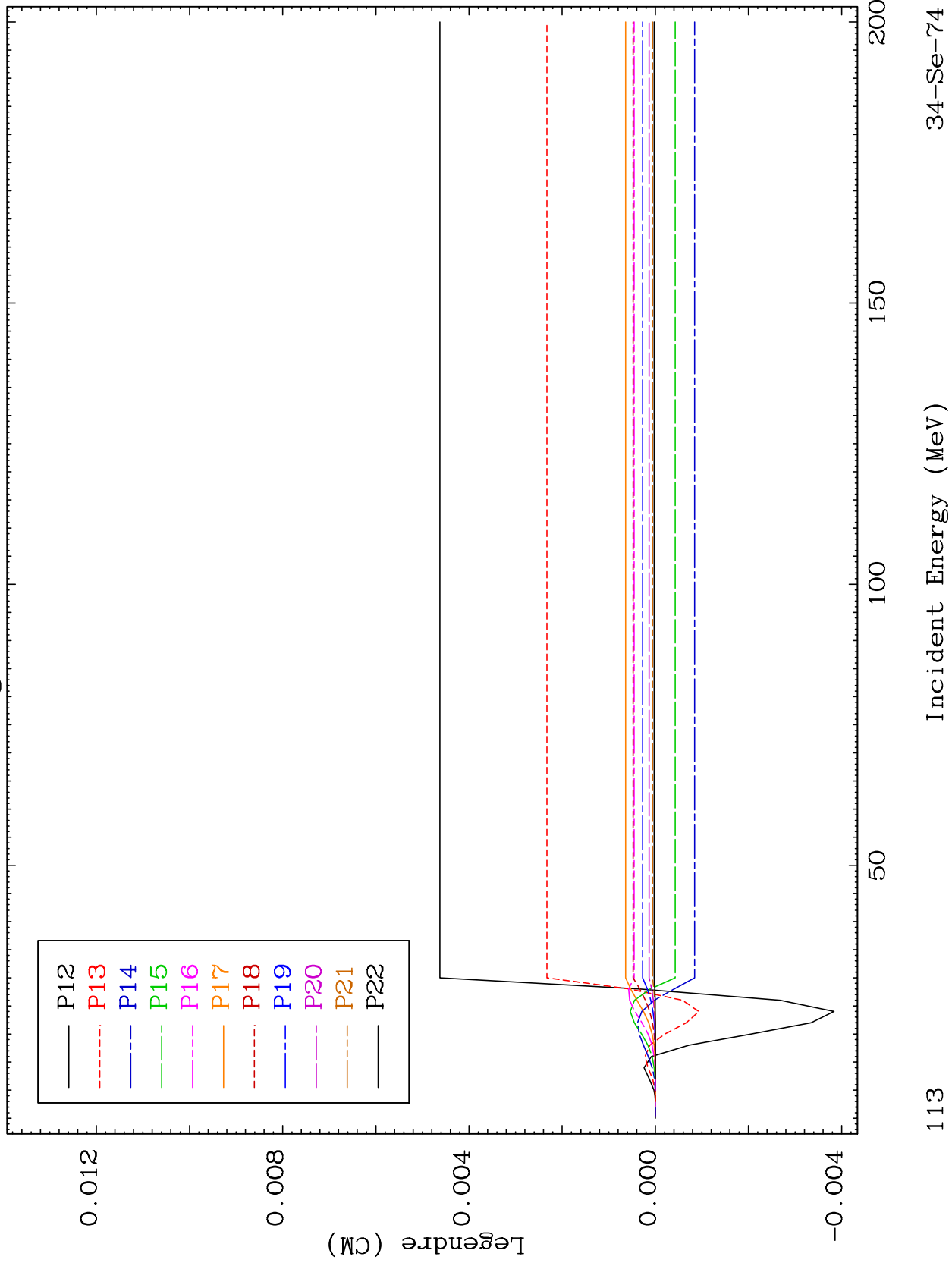
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

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

34-Se-74



113

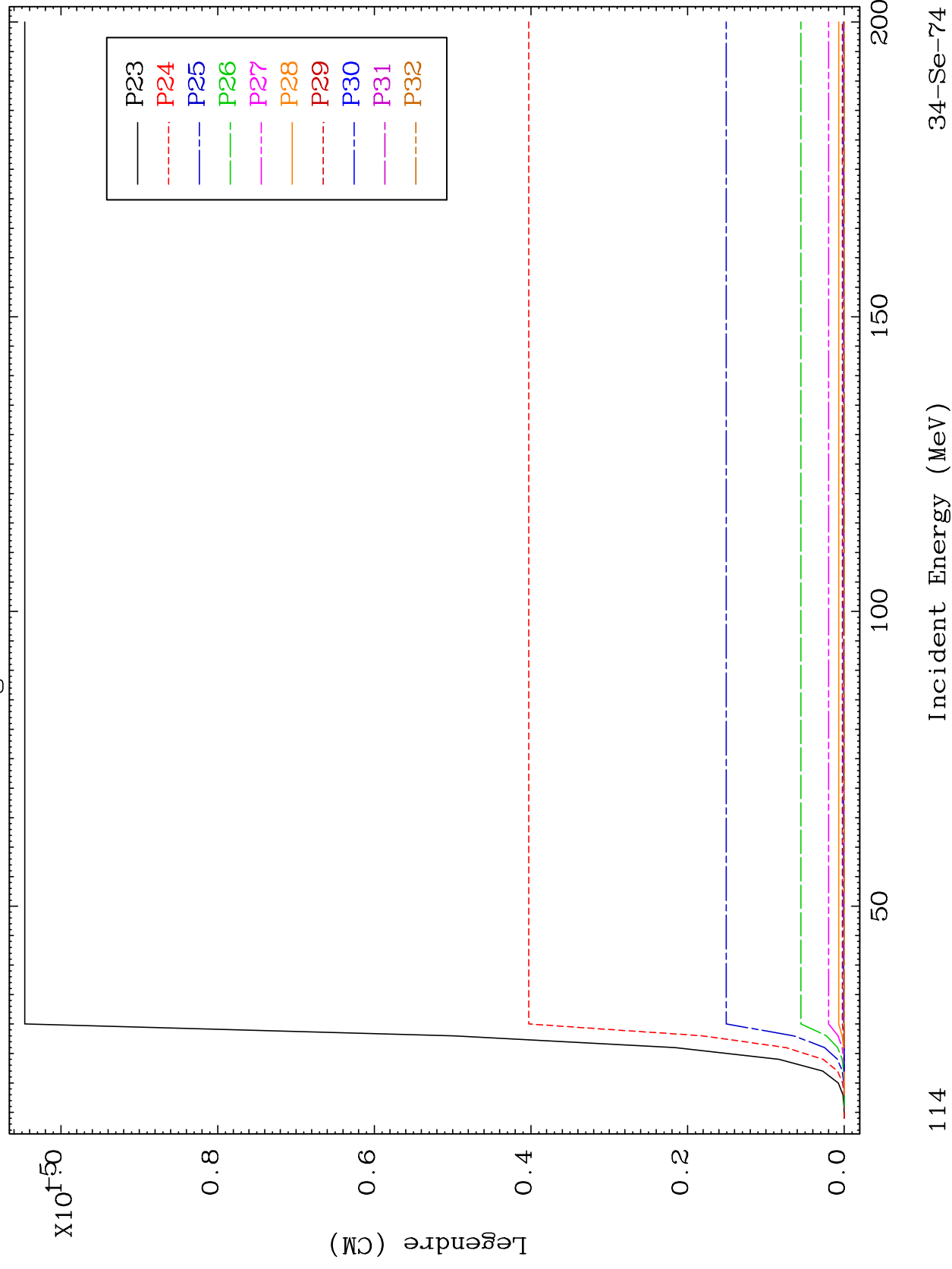
Incident Energy (MeV)

34-Se-74

MAT 3425

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

34-Se-74



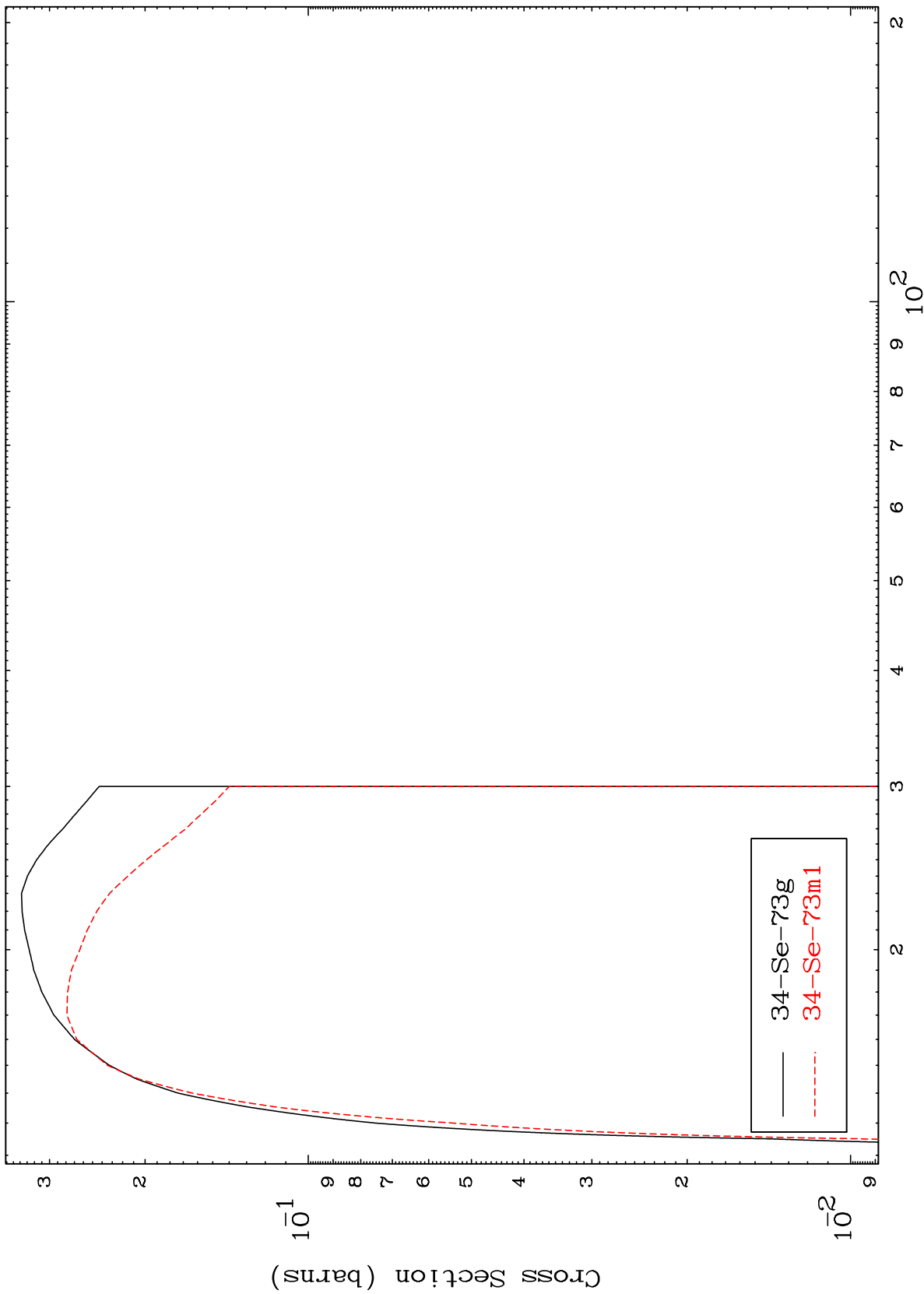
114

34-Se-74

MAT 3425

<sup>34</sup>Se-74

Radionuclide Production Cross Section  
(n,2n)



115

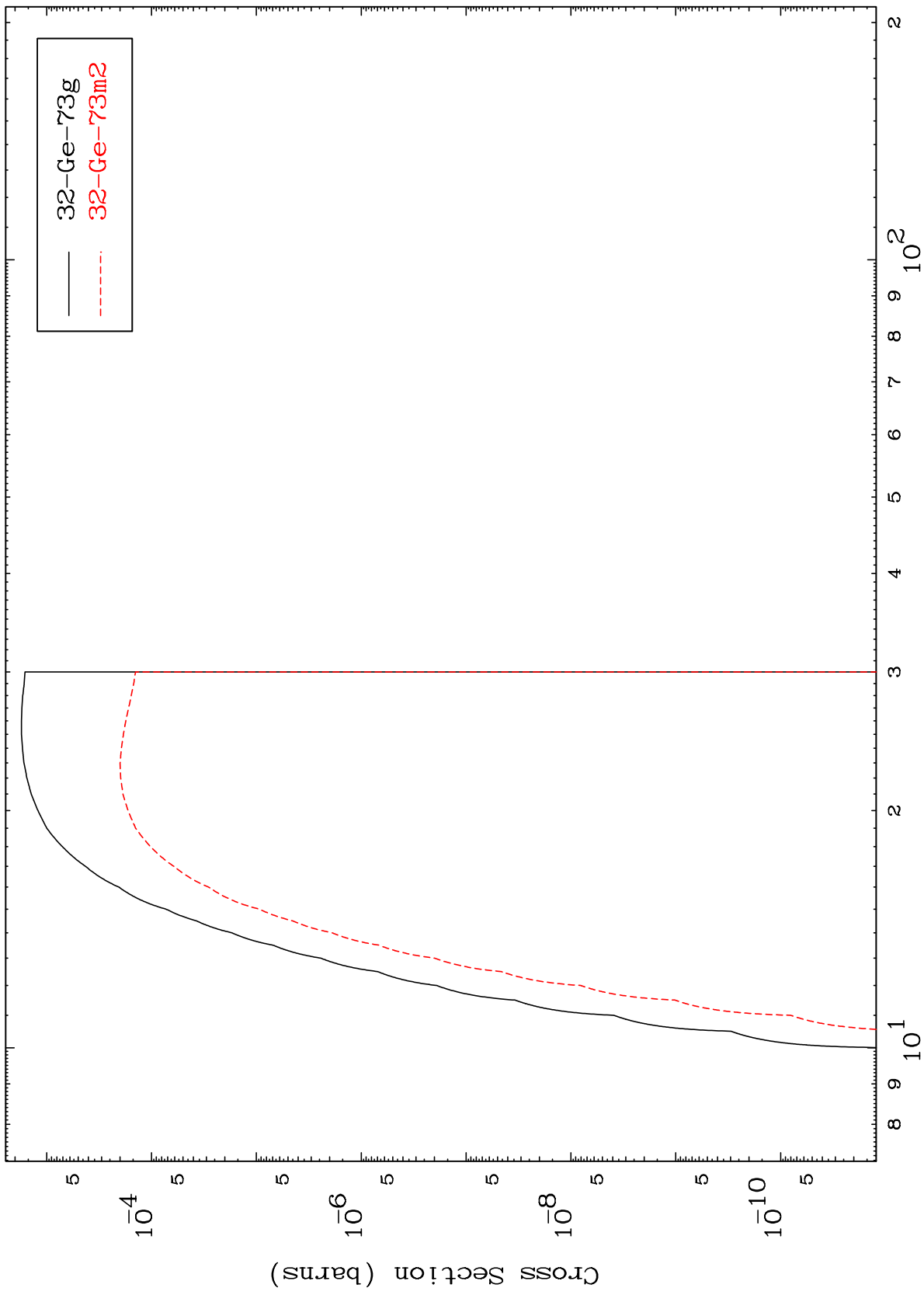
Incident Energy (MeV)

<sup>34</sup>Se-74

MAT 3425

<sup>34</sup>Se-74

(n,2p)  
Radionuclide Production Cross Section



116

Incident Energy (MeV)

<sup>34</sup>Se-74