

Program EVALPLOT  
(Version 2018-1)

by

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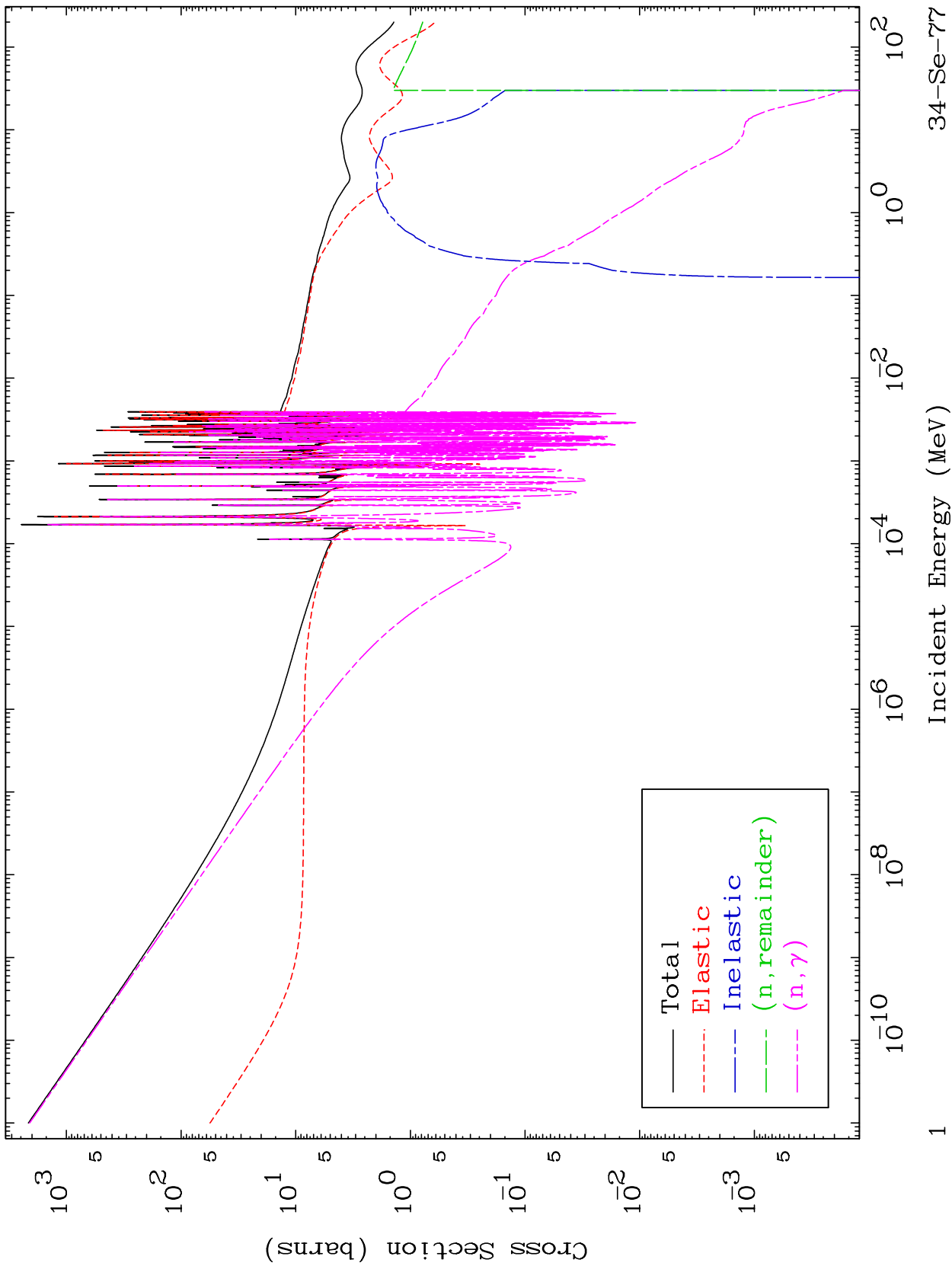
Press Mouse Button to Start

MAT 3434

Major

293 Kelvin Cross Sections

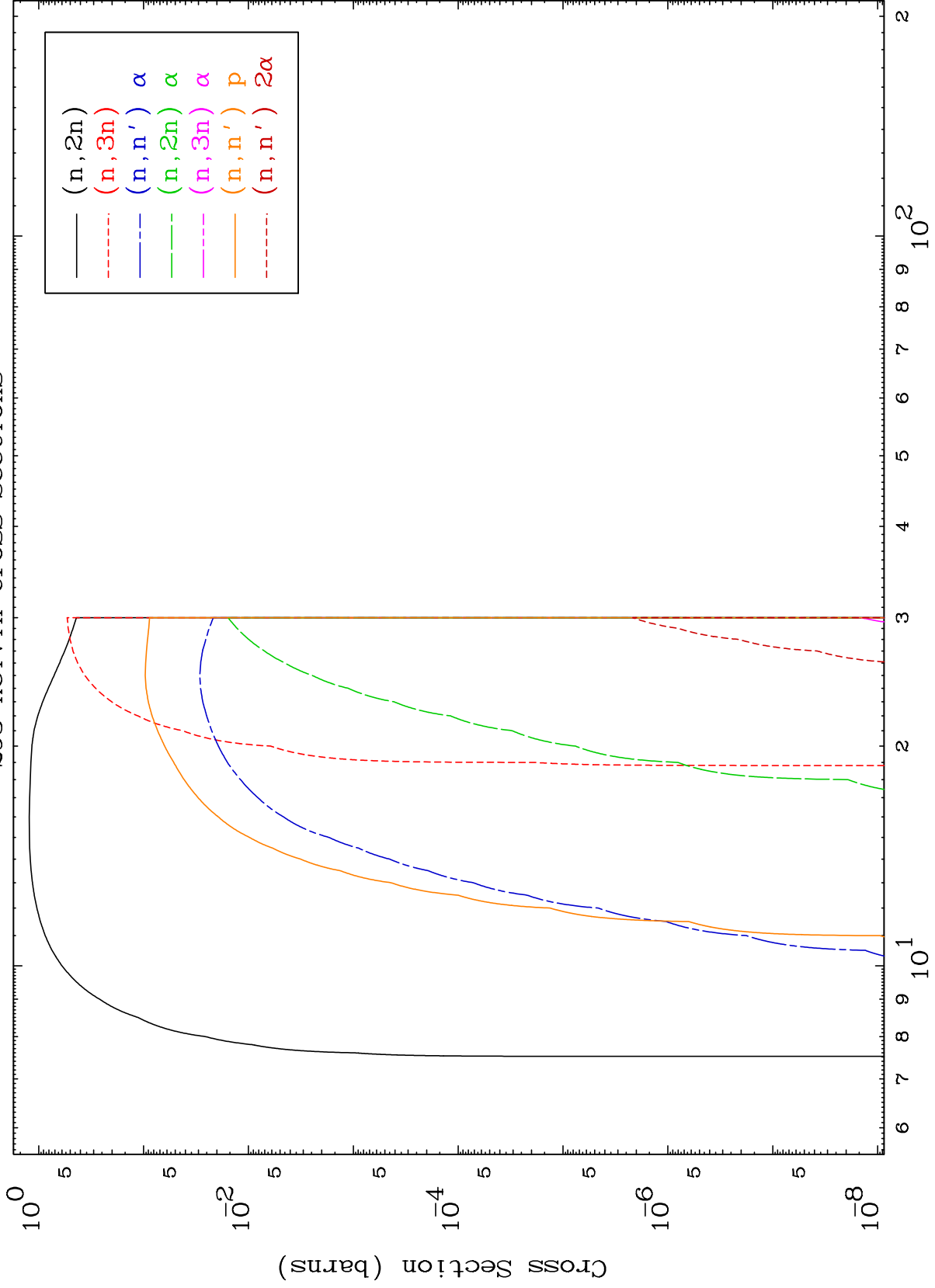
34-Se-77



MAT 3434

Neutron Production  
293 Kelvin Cross Sections

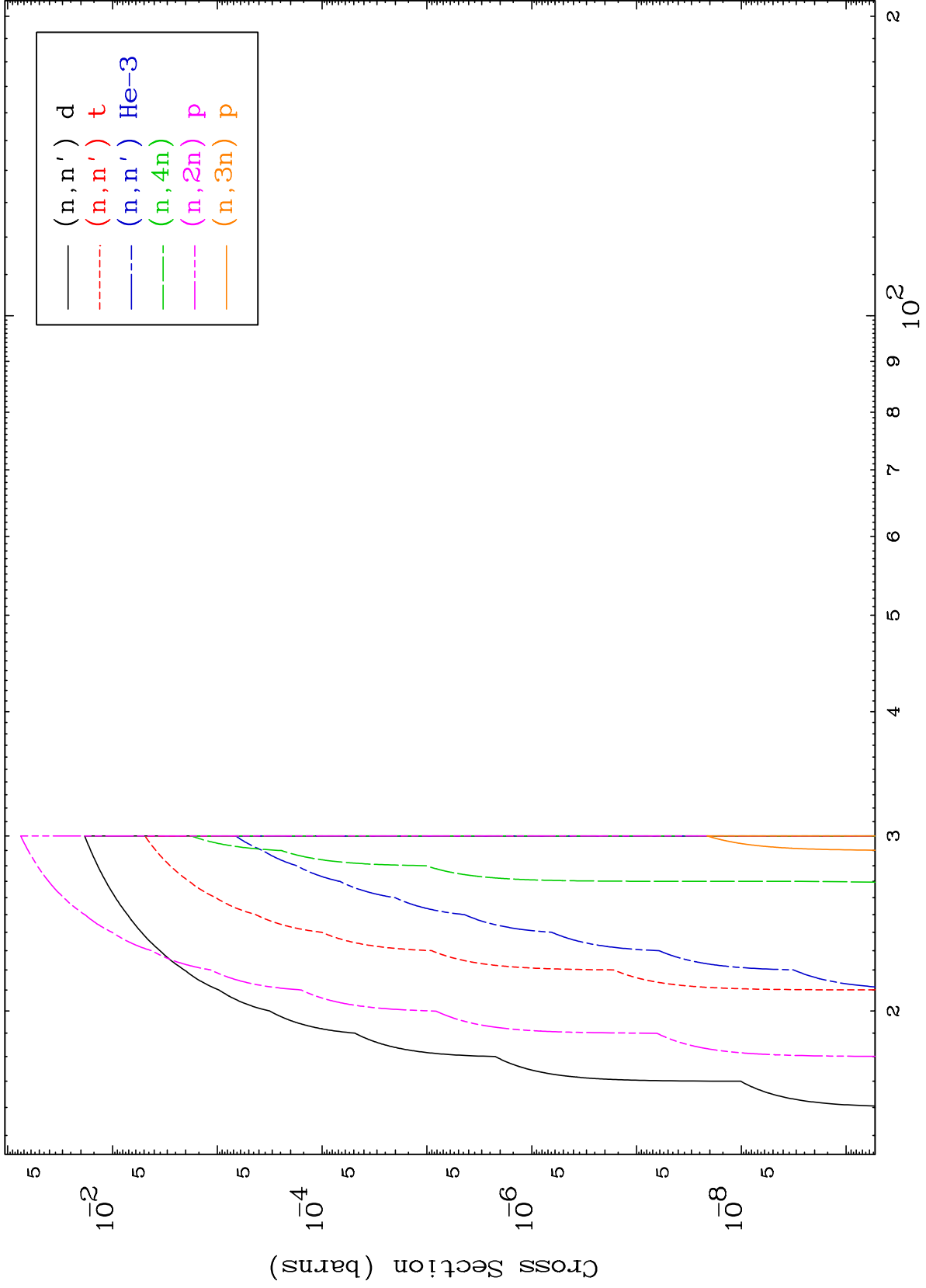
34-Se-77



2

Incident Energy (MeV)

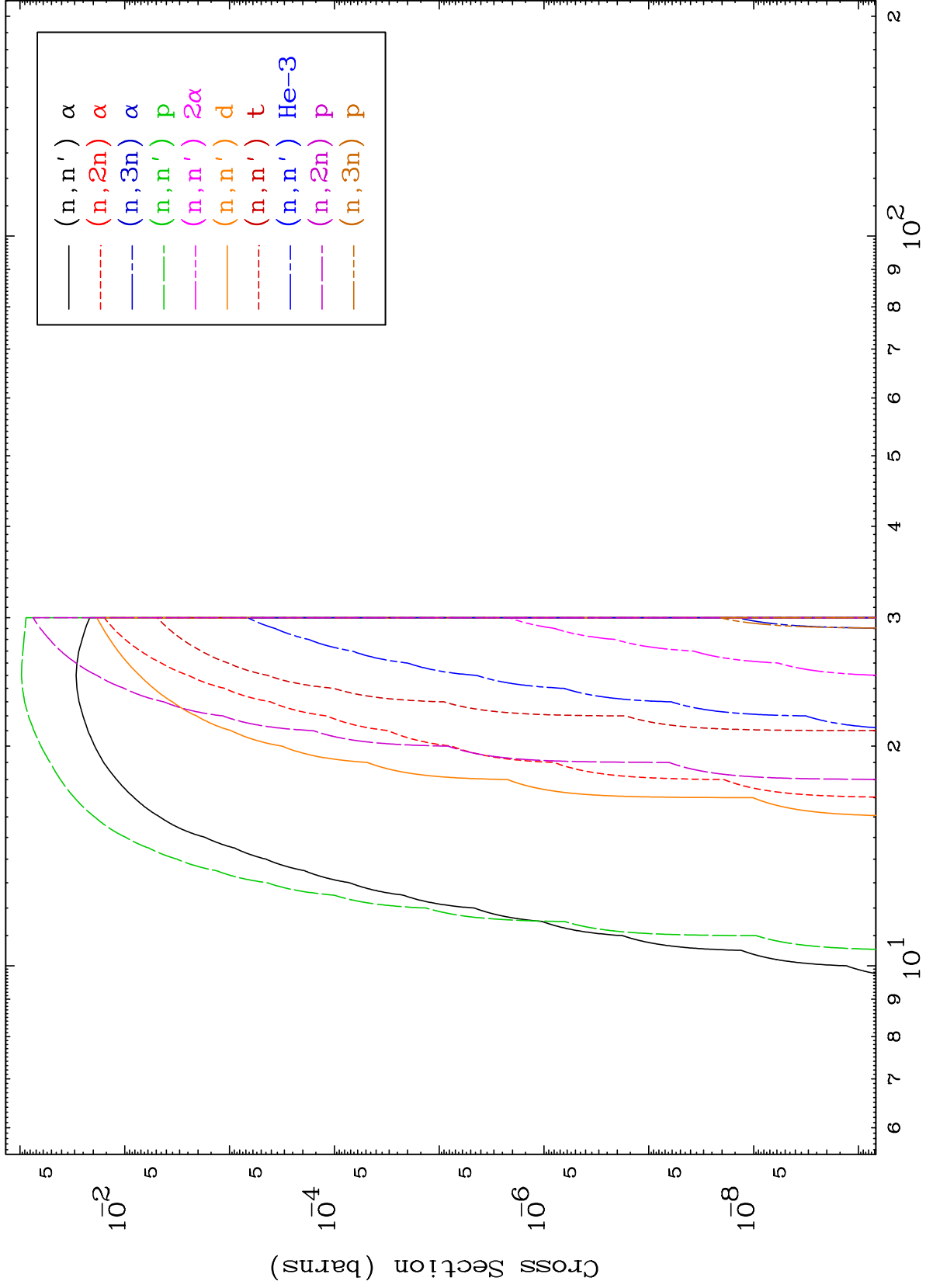
34-Se-77



MAT 3434

Charged Particle  
293 Kelvin Cross Sections

34-Se-77



4

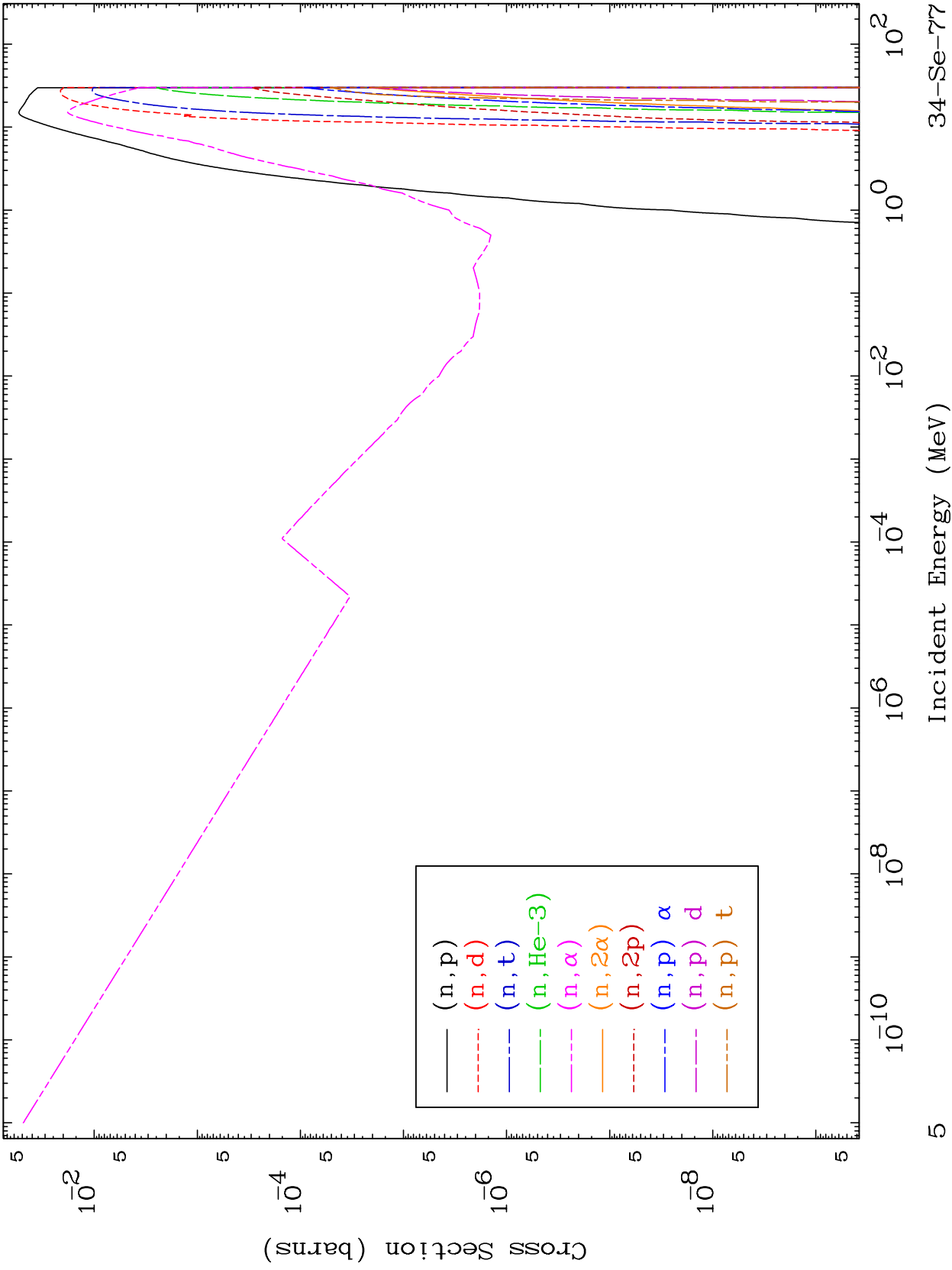
Incident Energy (MeV)

34-Se-77

MAT 3434

Charged Particle  
293 Kelvin Cross Sections

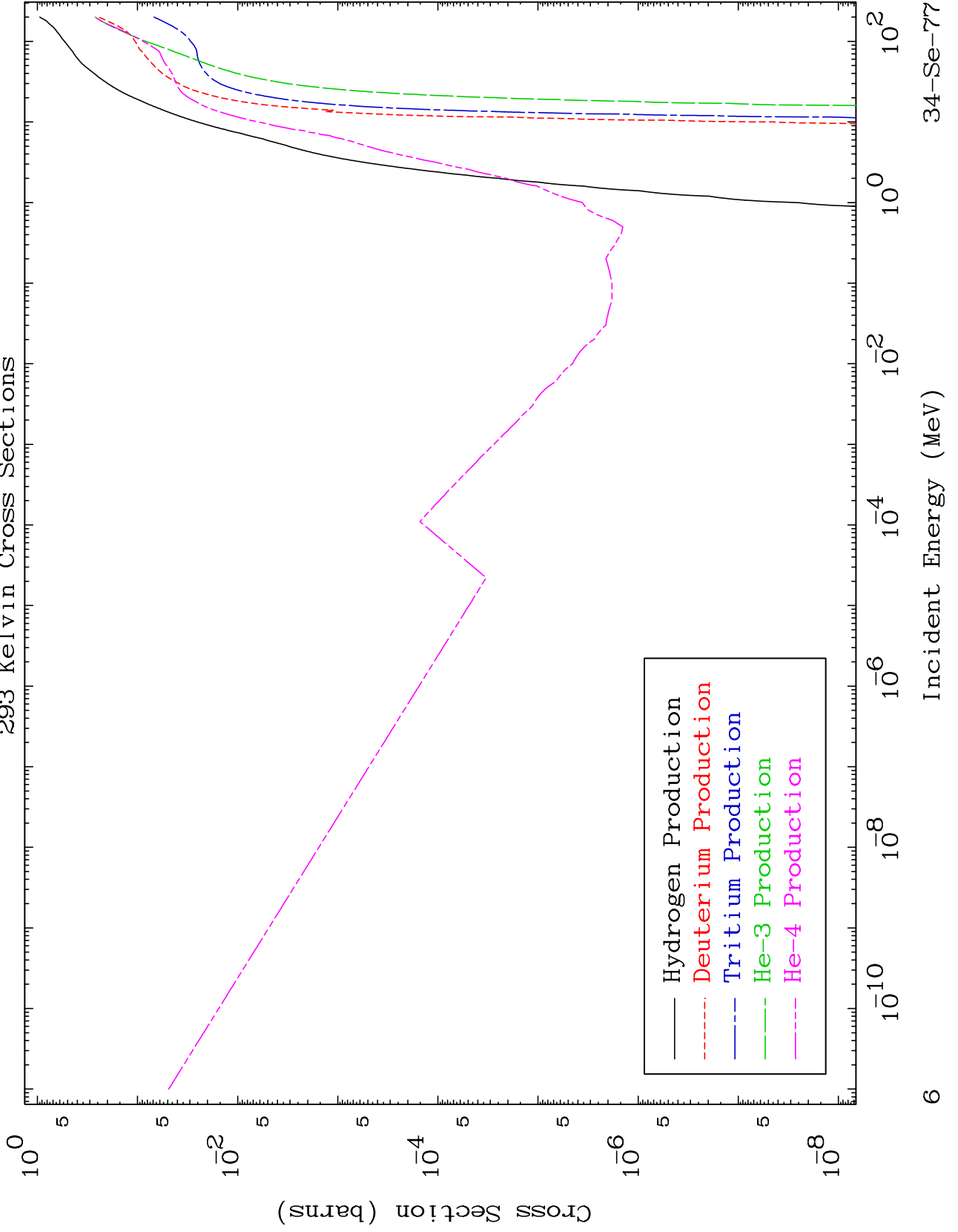
34-Se-77



MAT 3434

Particle Production  
293 Kelvin Cross Sections

34-Se-77

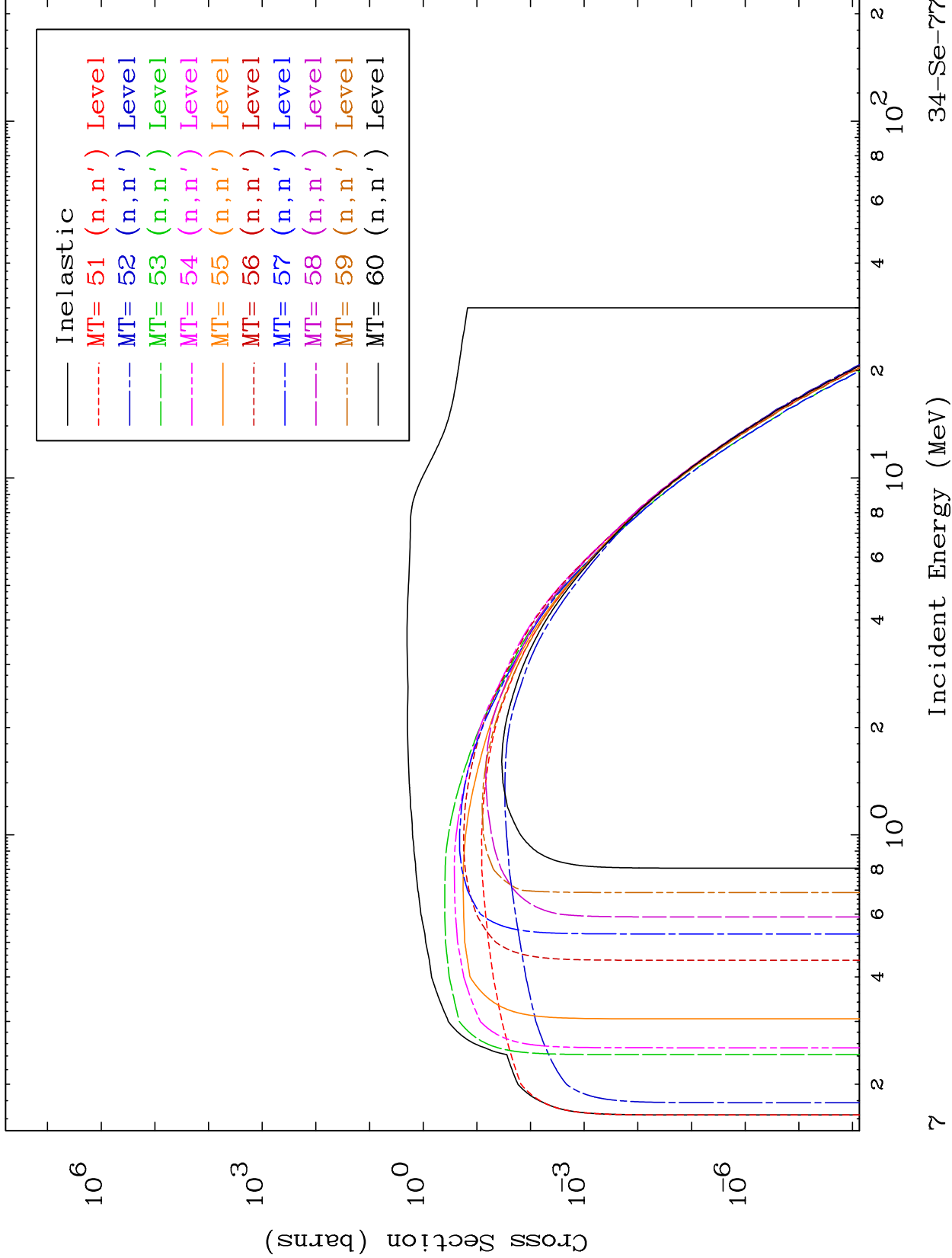


MAT 3434

(n,n') Level

34-Se-77

293 Kelvin Cross Sections



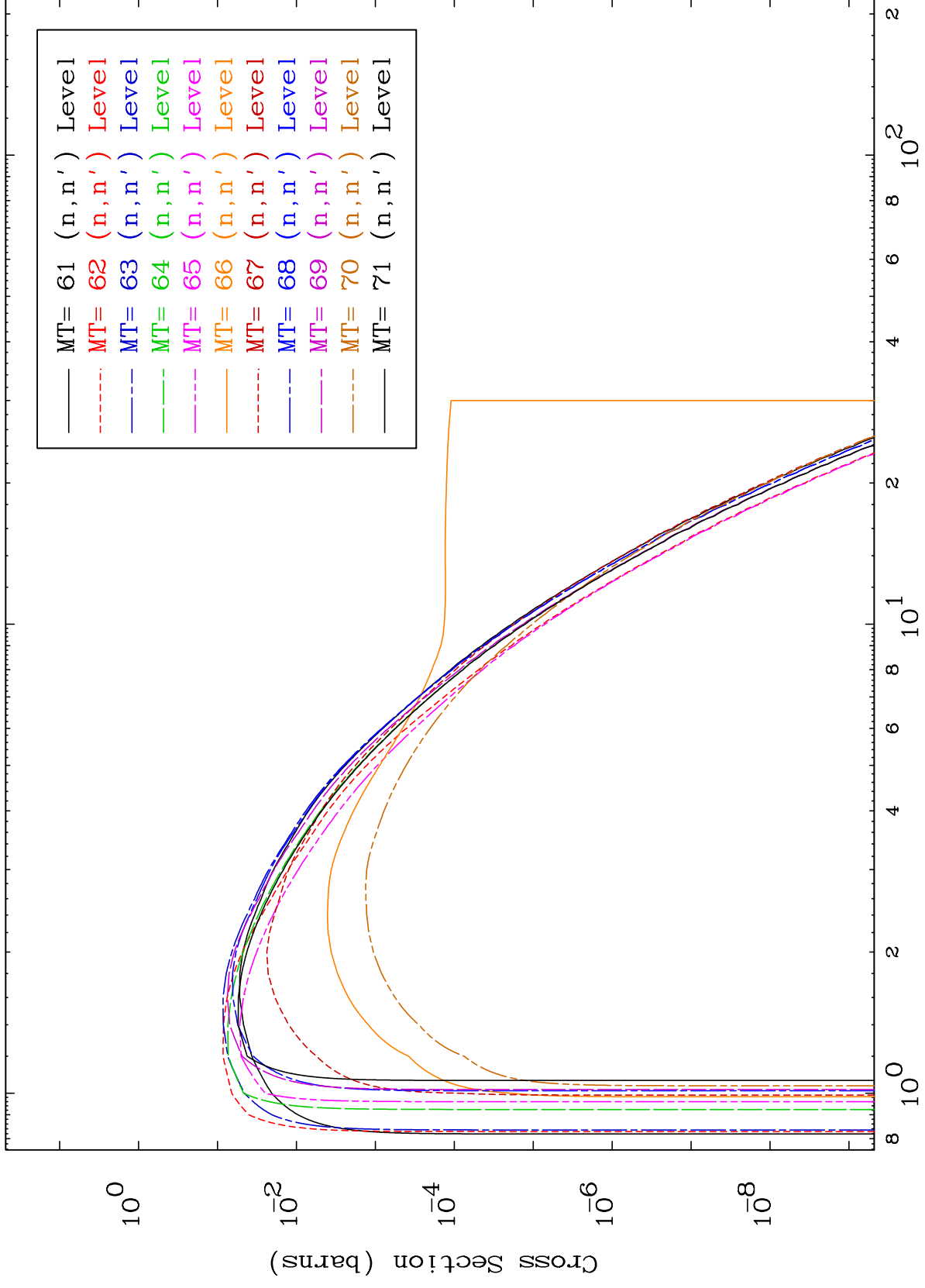


MAT 3434

(n,n') Level

34-Se-77

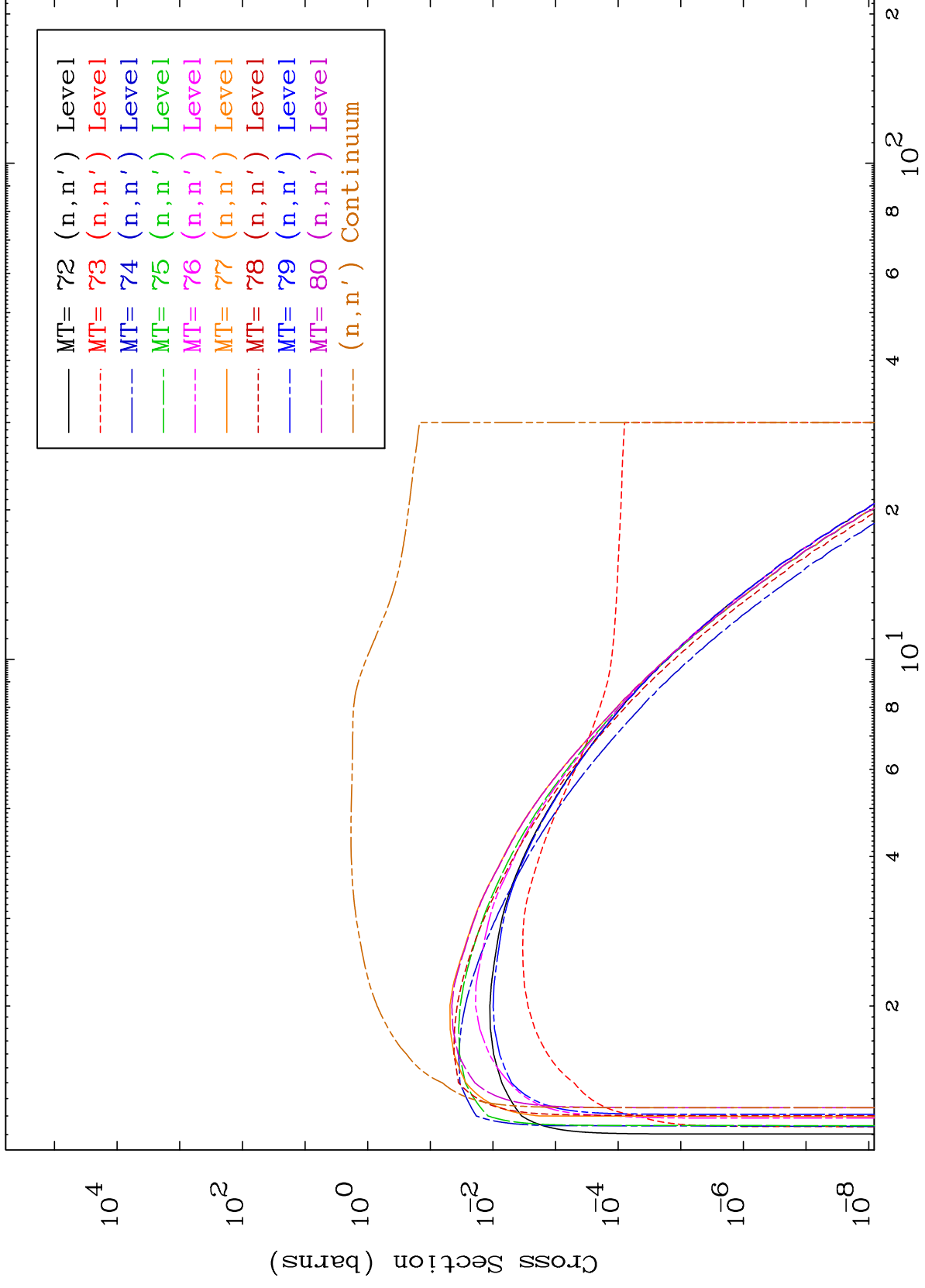
293 Kelvin Cross Sections



Incident Energy (MeV)

34-Se-77

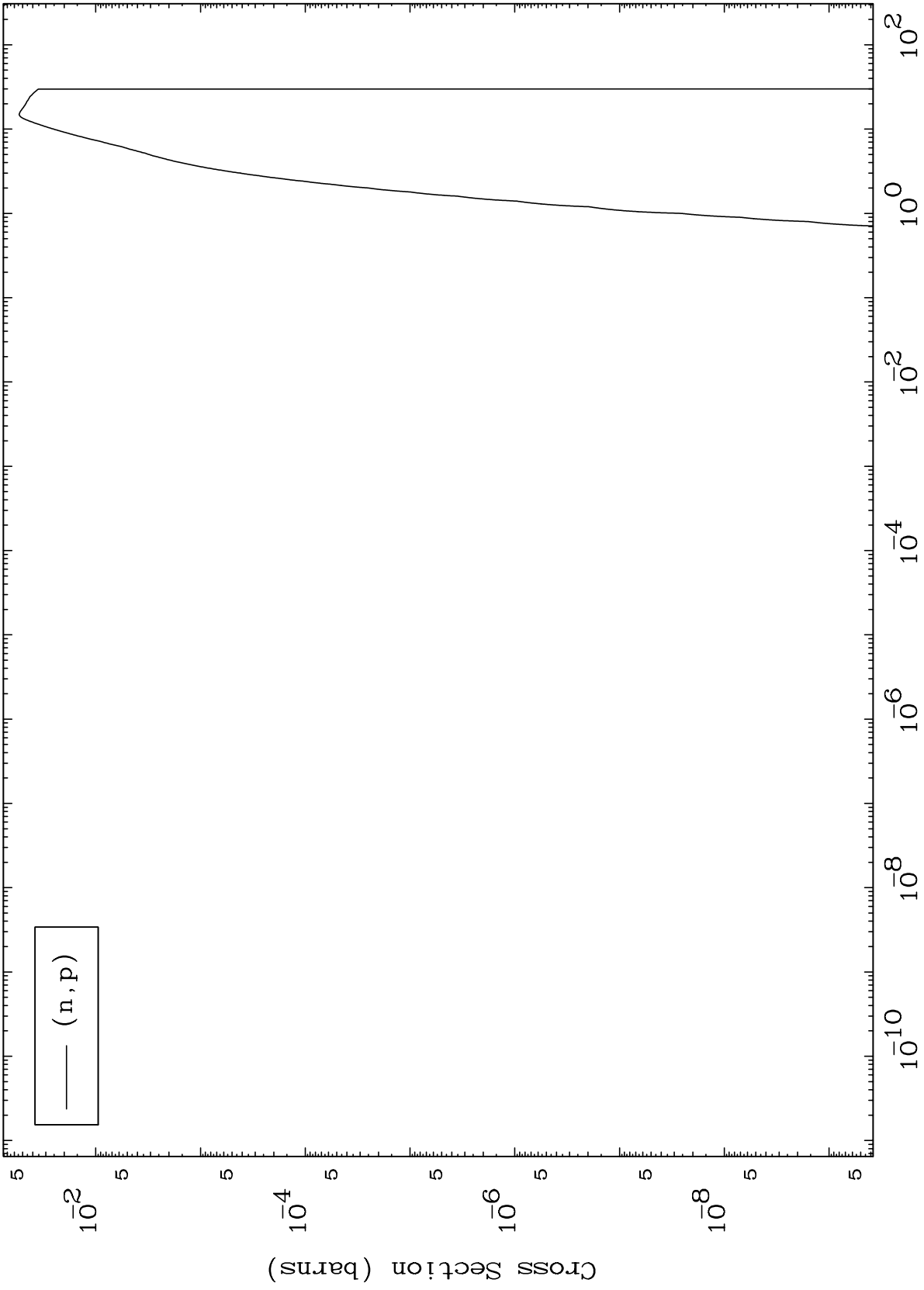
293 Kelvin Cross Sections



MAT 3434

(n,p) Levels  
293 Kelvin Cross Sections

34-Se-77



10

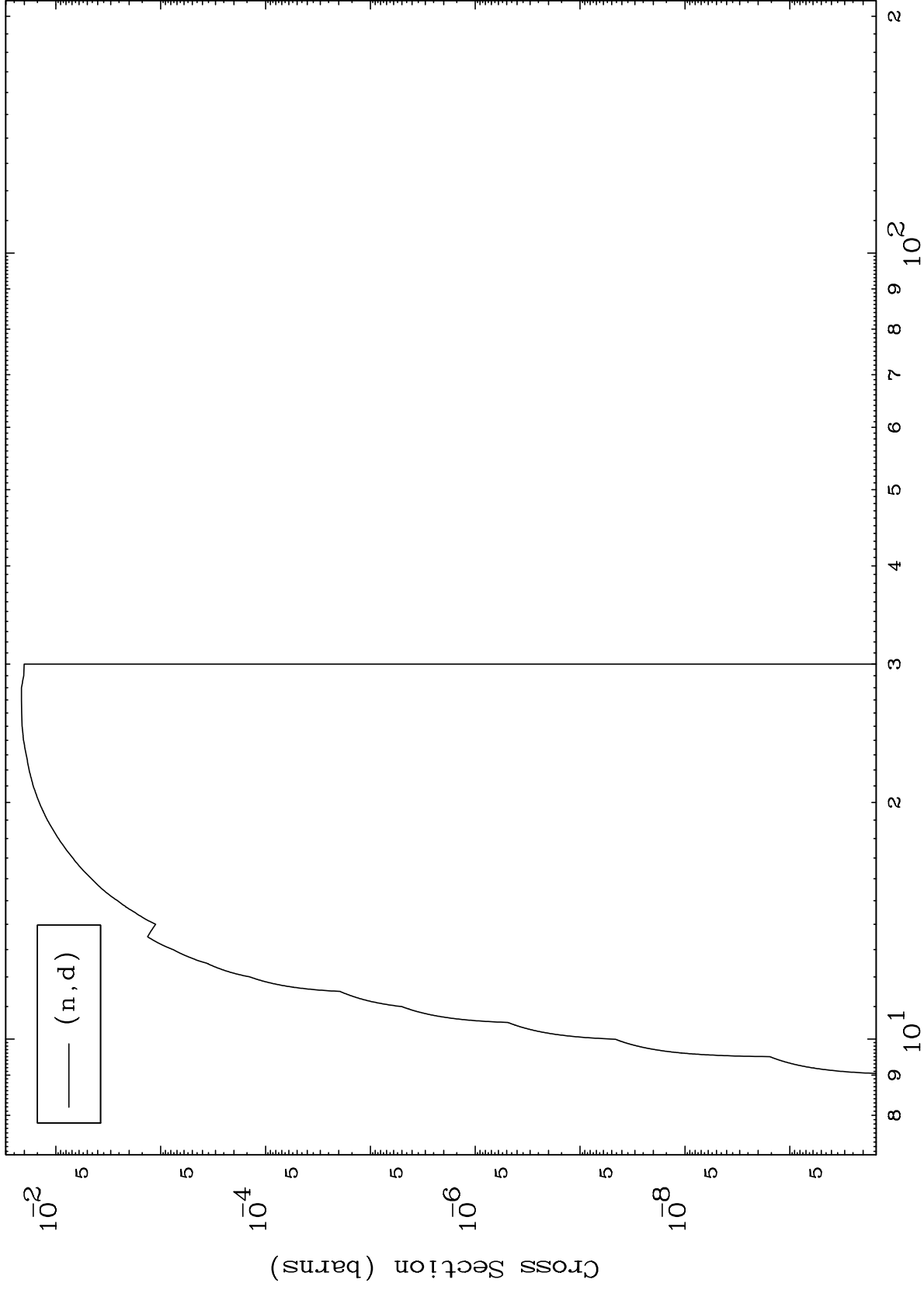
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,d) Levels  
293 Kelvin Cross Sections

34-Se-77



11

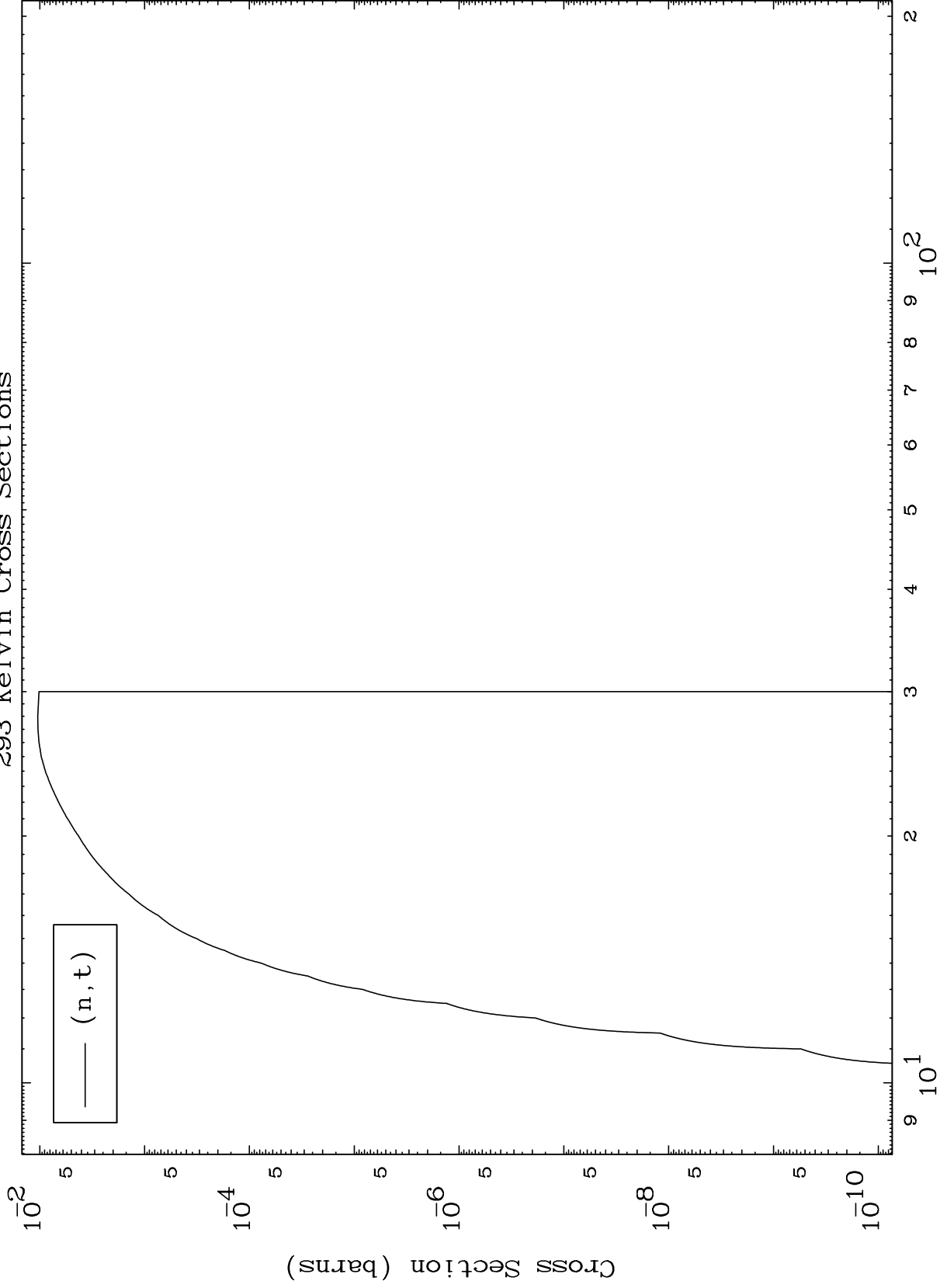
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,t) Levels  
293 Kelvin Cross Sections

34-Se-77



12

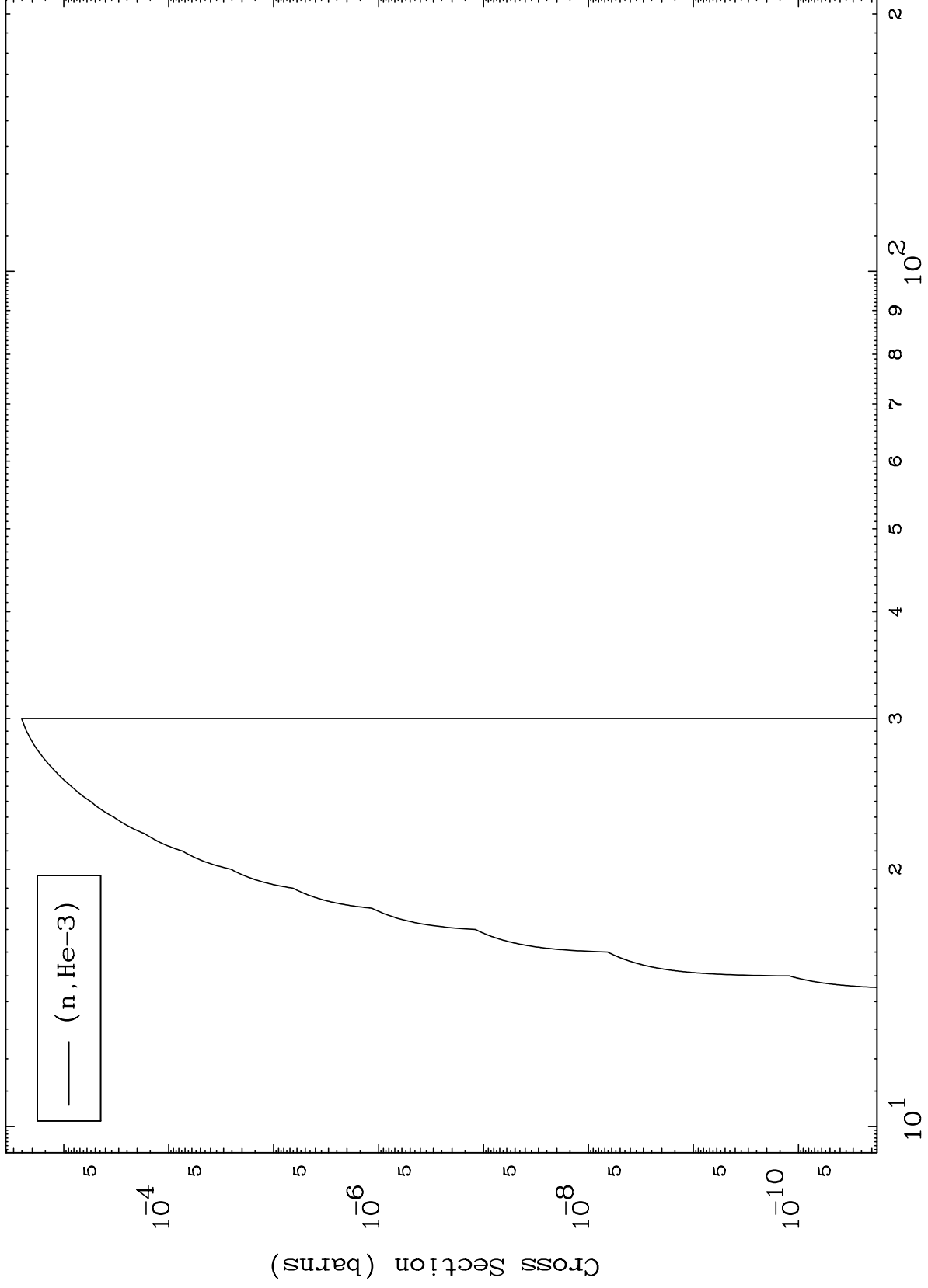
Incident Energy (MeV)

34-Se-77

MAT 3434

(n,He3) Levels  
293 Kelvin Cross Sections

34-Se-77



34-Se-77

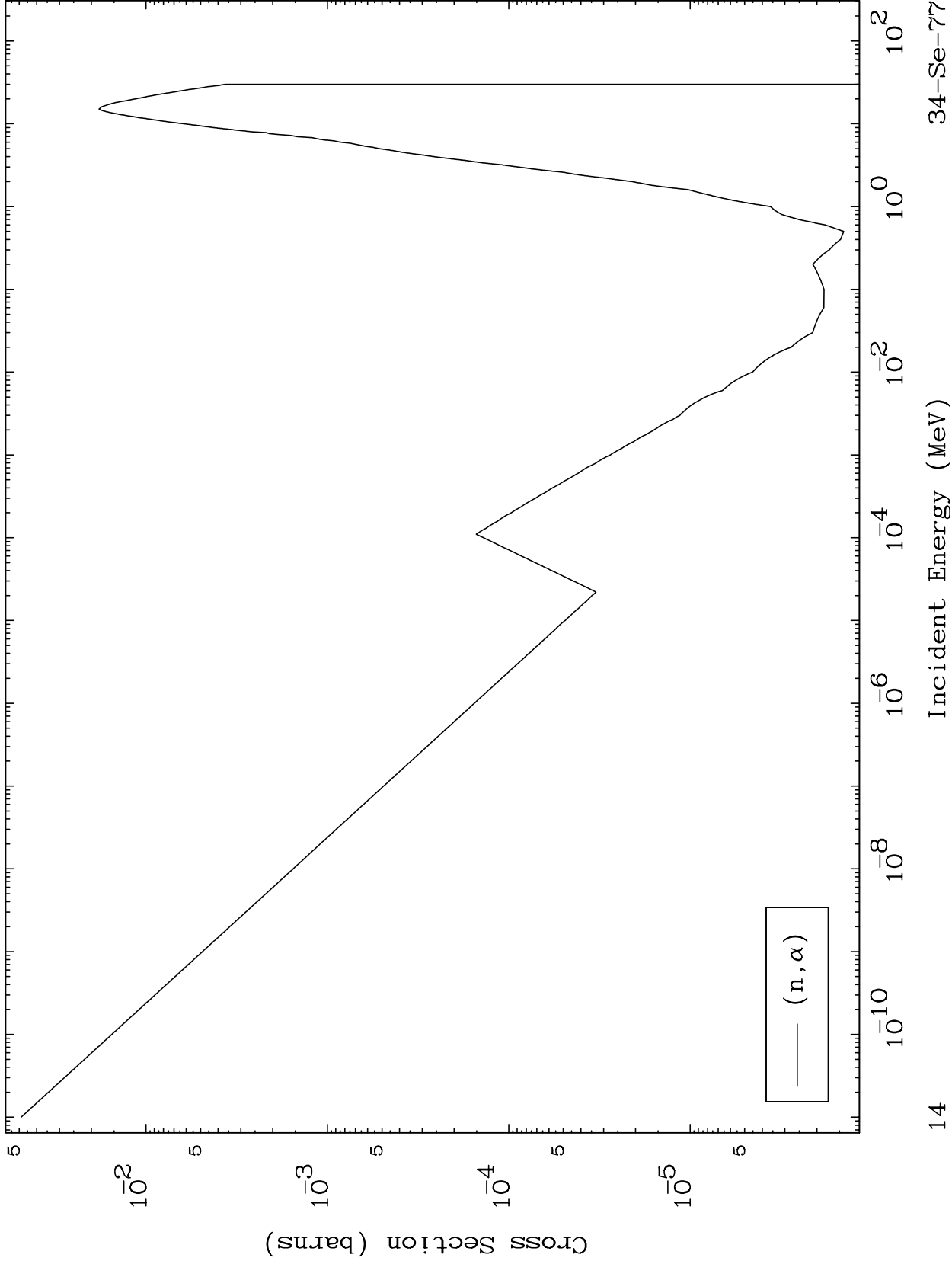
Incident Energy (MeV)

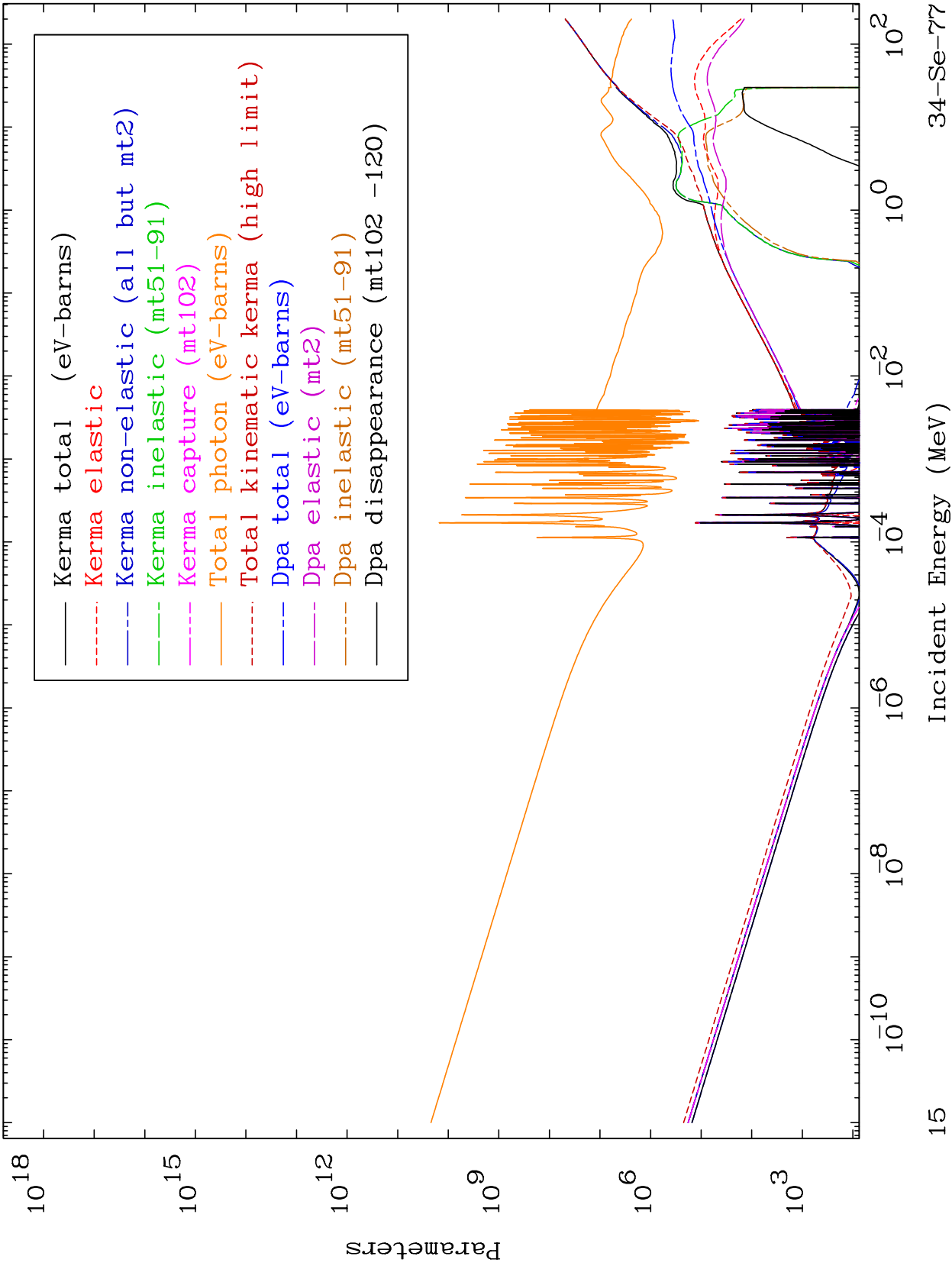
13

MAT 3434

(n,α) Levels  
293 Kelvin Cross Sections

34-Se-77



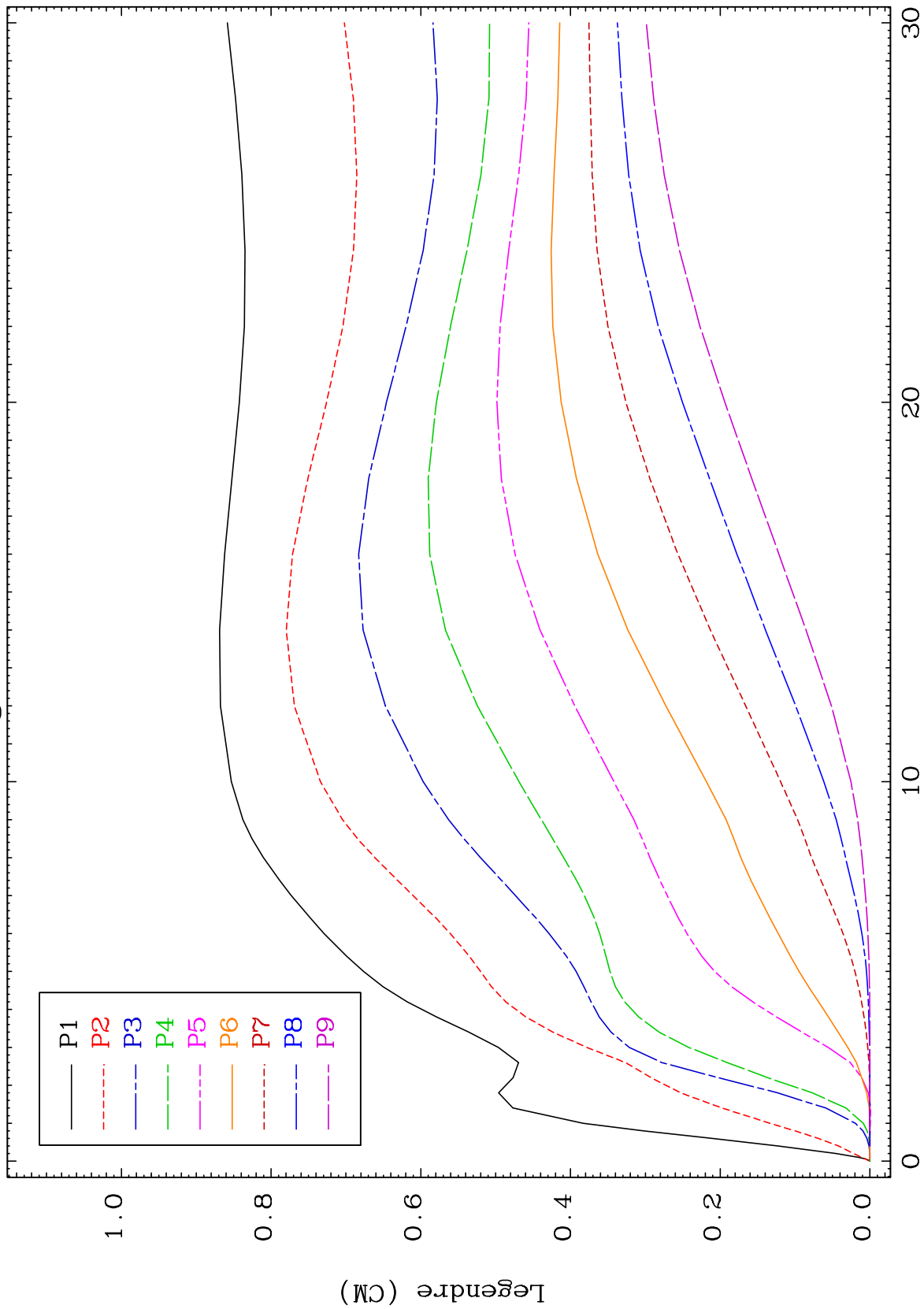




MAT 3434

Elastic Legendre Coefficients

<sup>34</sup>Se-77



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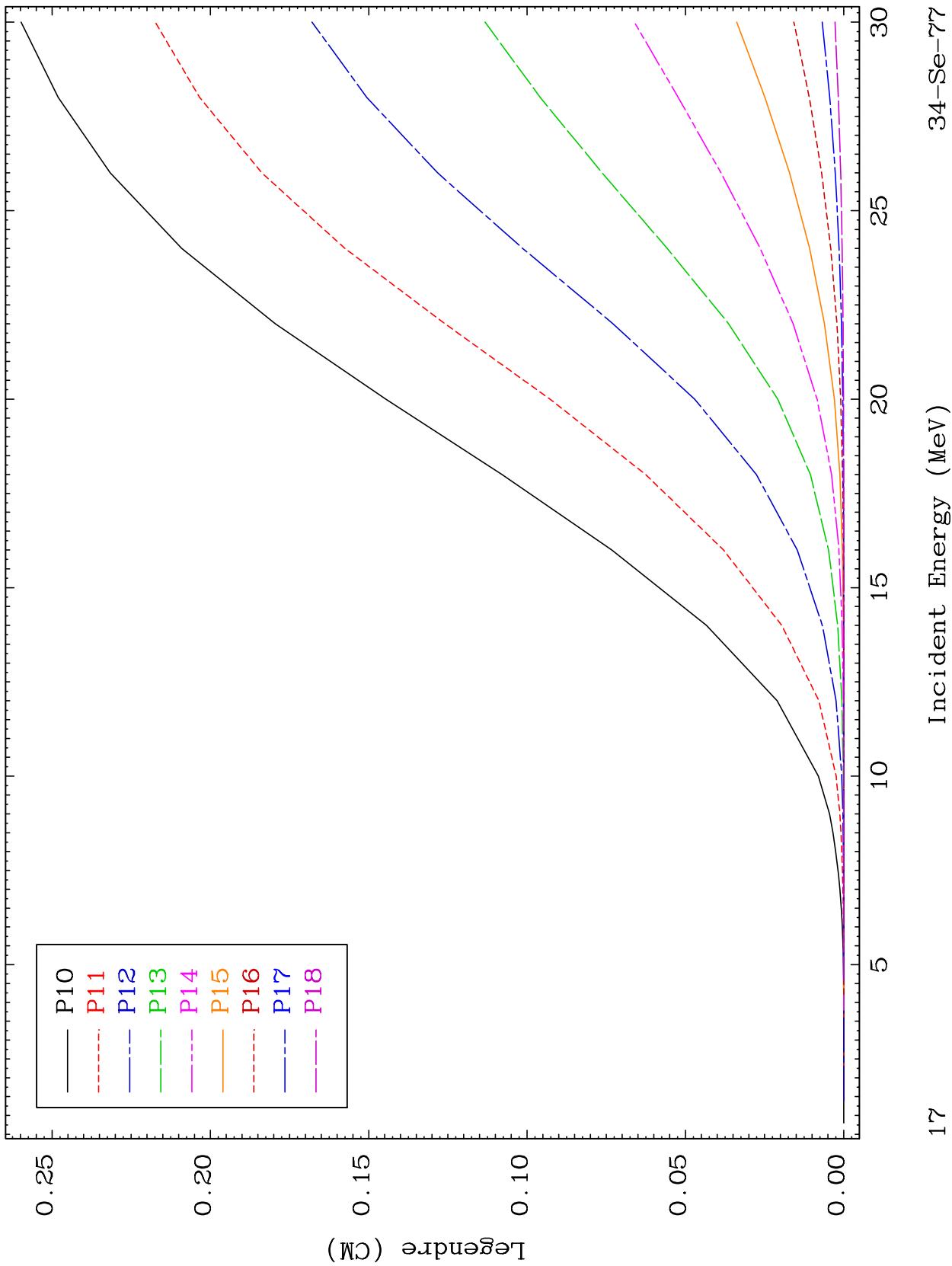
Incident Energy (MeV)

<sup>34</sup>Se-77

MAT 3434

Elastic Legendre Coefficients

<sup>34</sup>Se-77

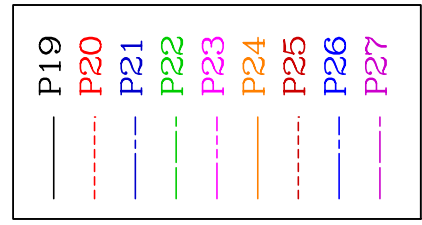


17

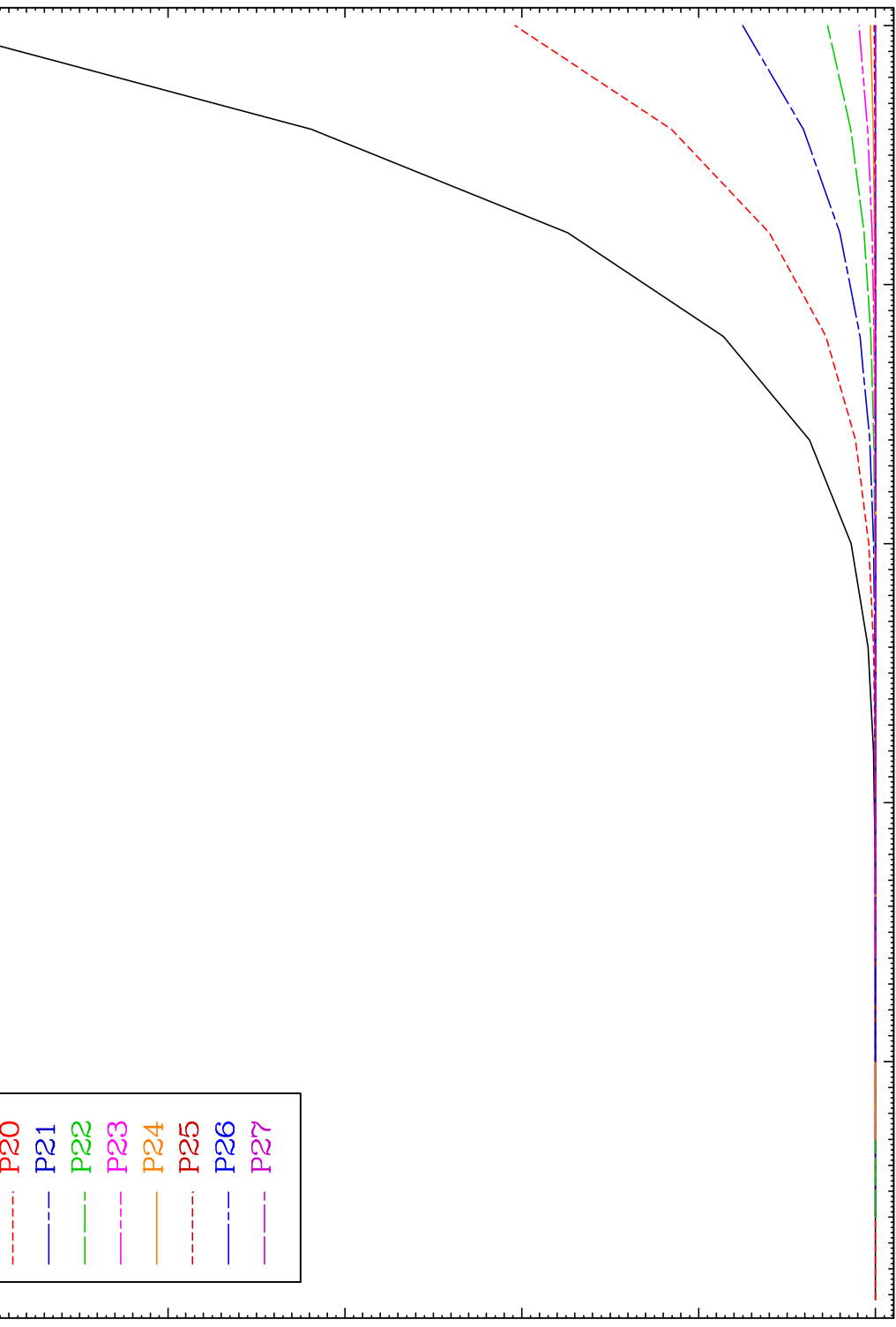
MAT 3434

Elastic  
Legendre Coefficients

<sup>34</sup>Se-77



$\times 10^{-3}$   
Legendre (CM)



18

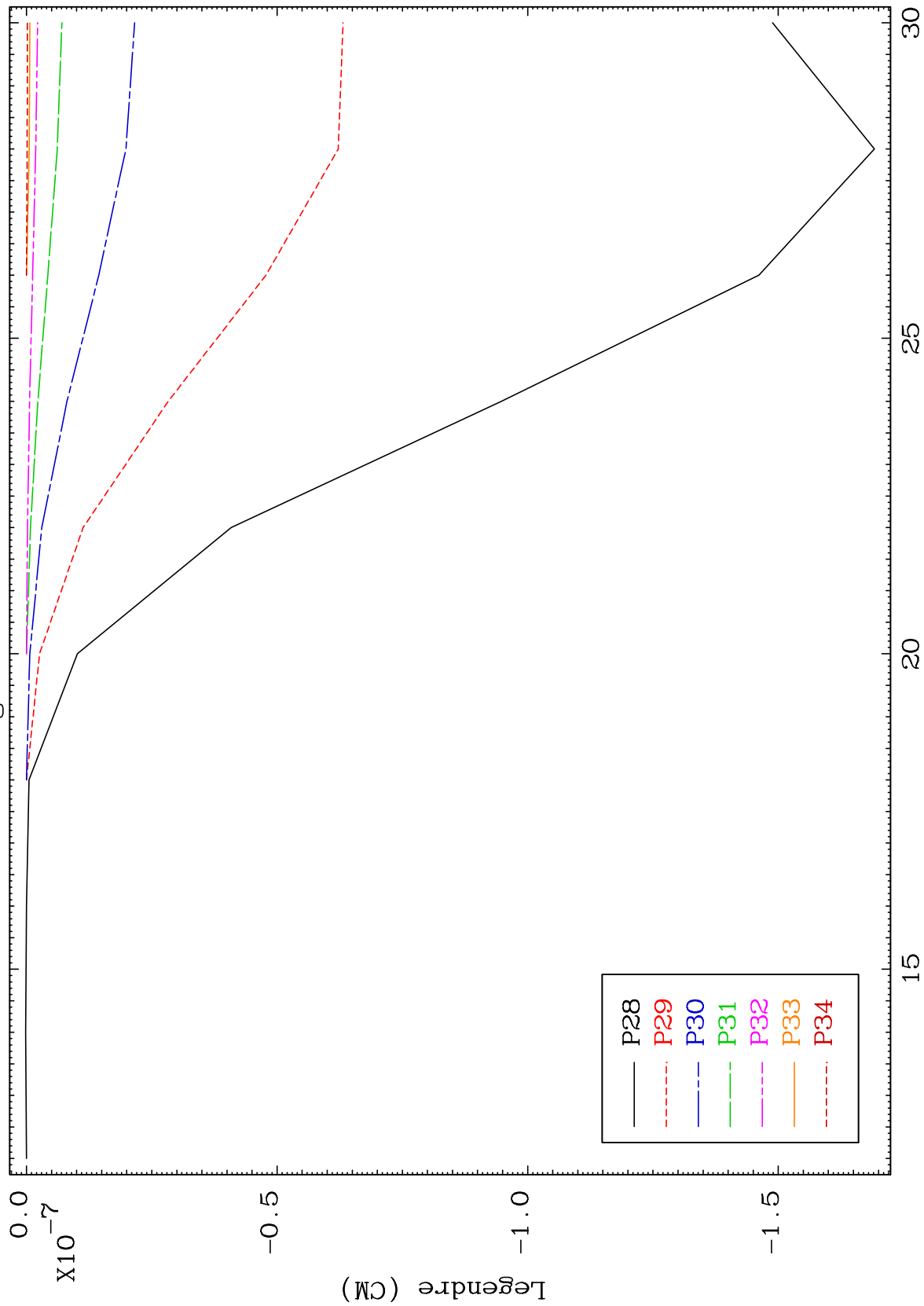
Incident Energy (MeV)

<sup>34</sup>Se-77

MAT 3434

34-Se-77

Elastic Legendre Coefficients



19

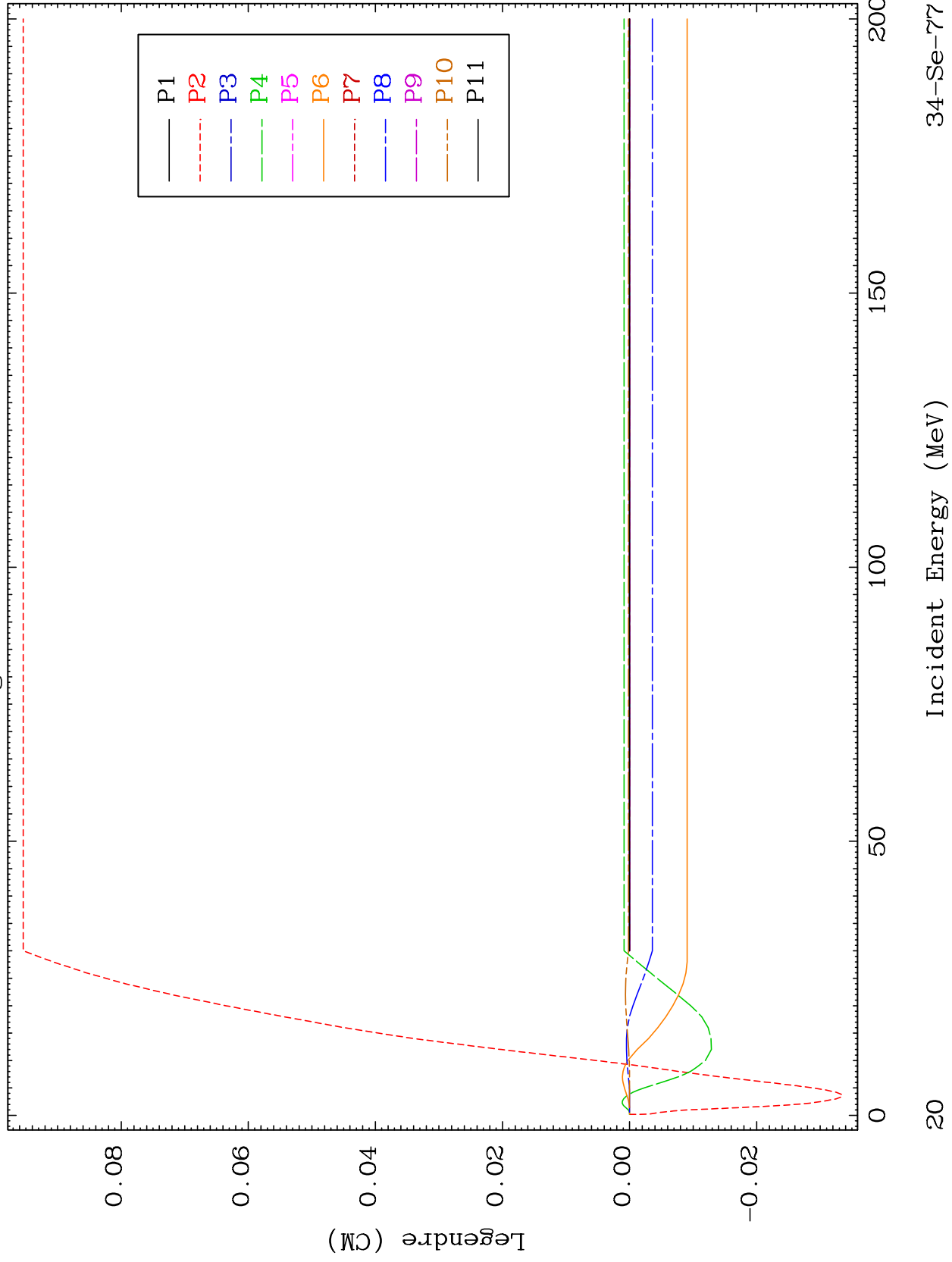
Incident Energy (MeV)

34-Se-77

MAT 3434

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

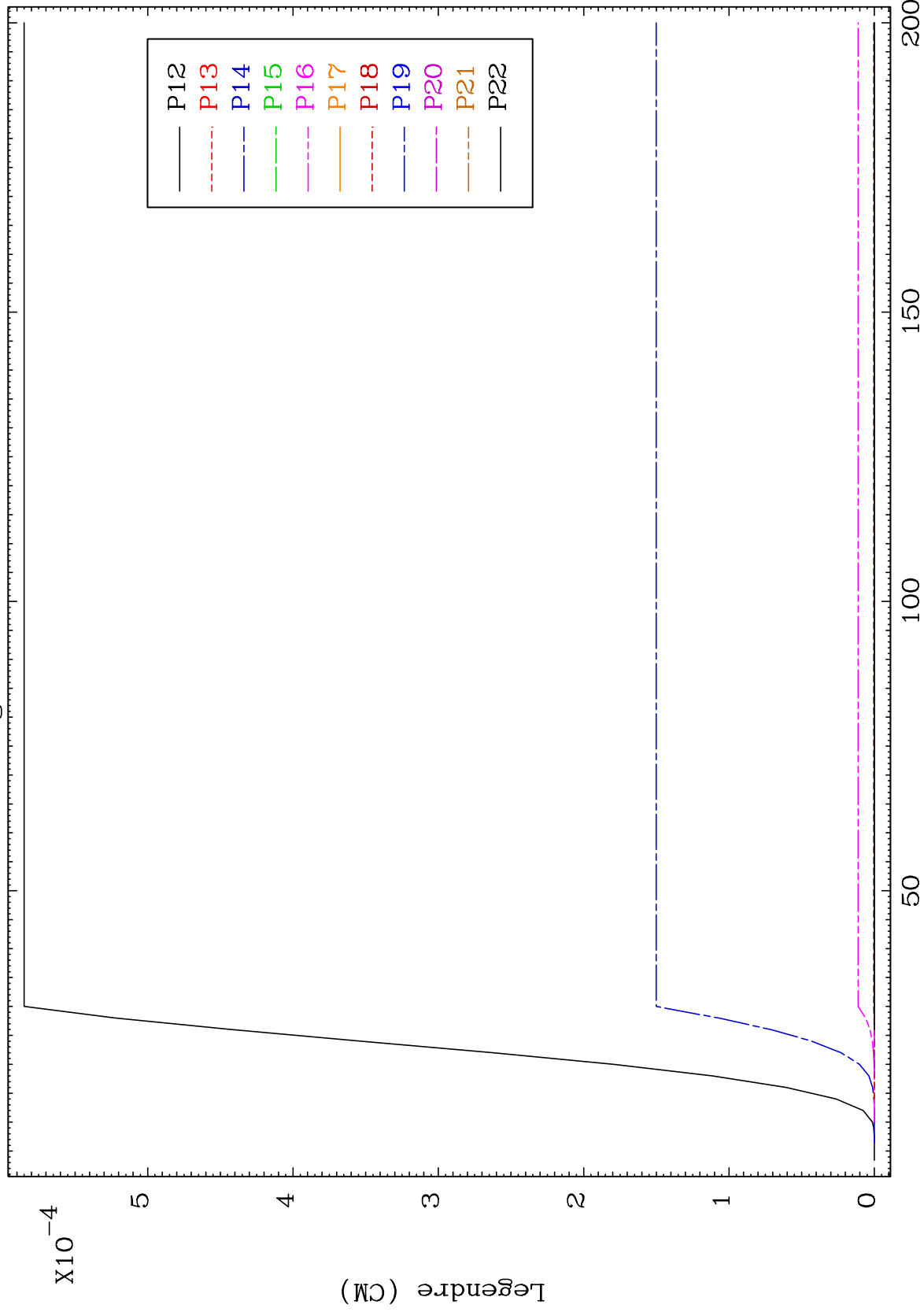
<sup>34</sup>Se-77



MAT 3434

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

<sup>34</sup>Se-77



21

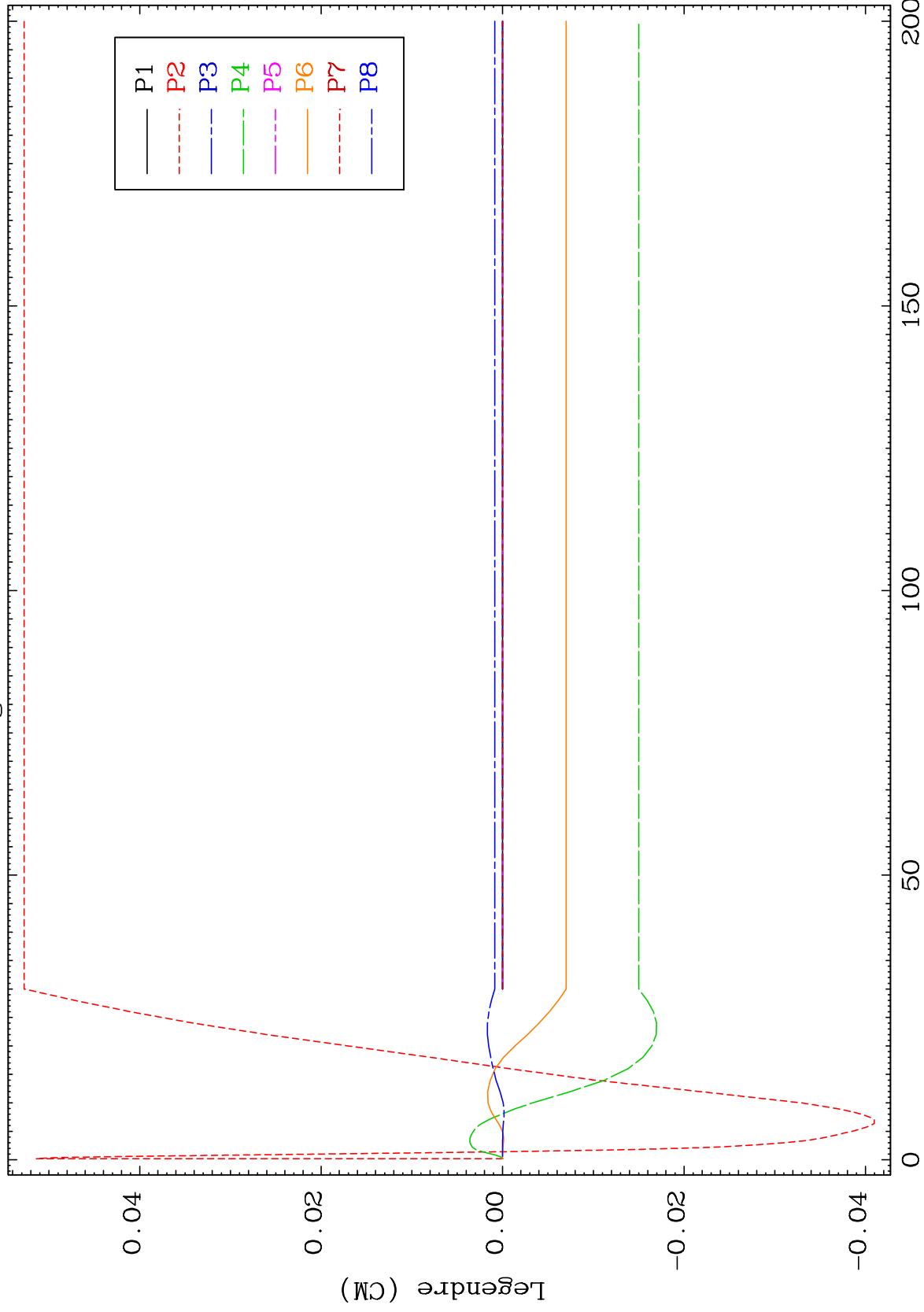
Incident Energy (MeV)

<sup>34</sup>Se-77

MAT 3434

34-Se-77

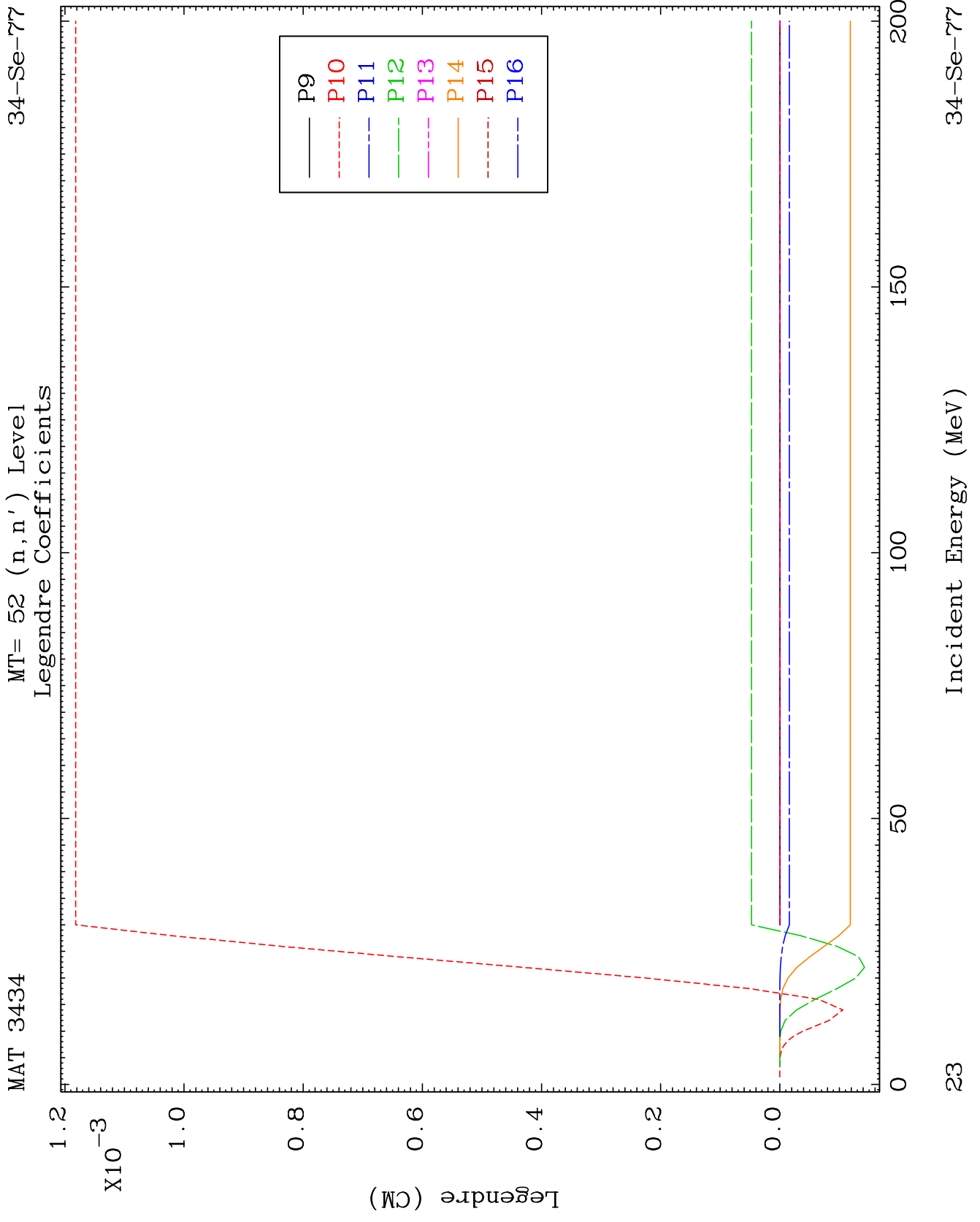
MT= 52 (n,n') Level  
Legendre Coefficients



22

Incident Energy (MeV)

34-Se-77

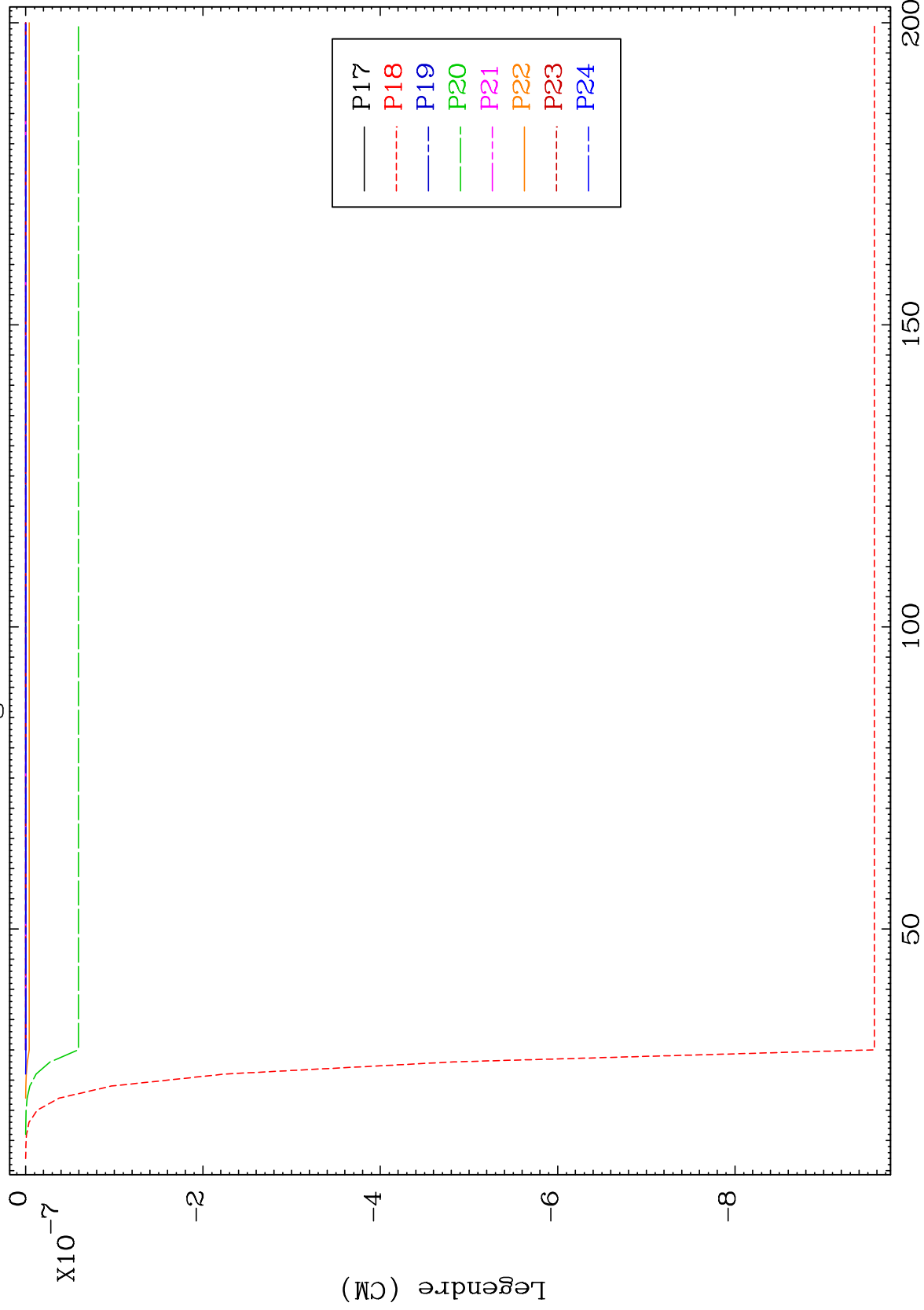




MAT 3434

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

34-Se-77



24

Incident Energy (MeV)

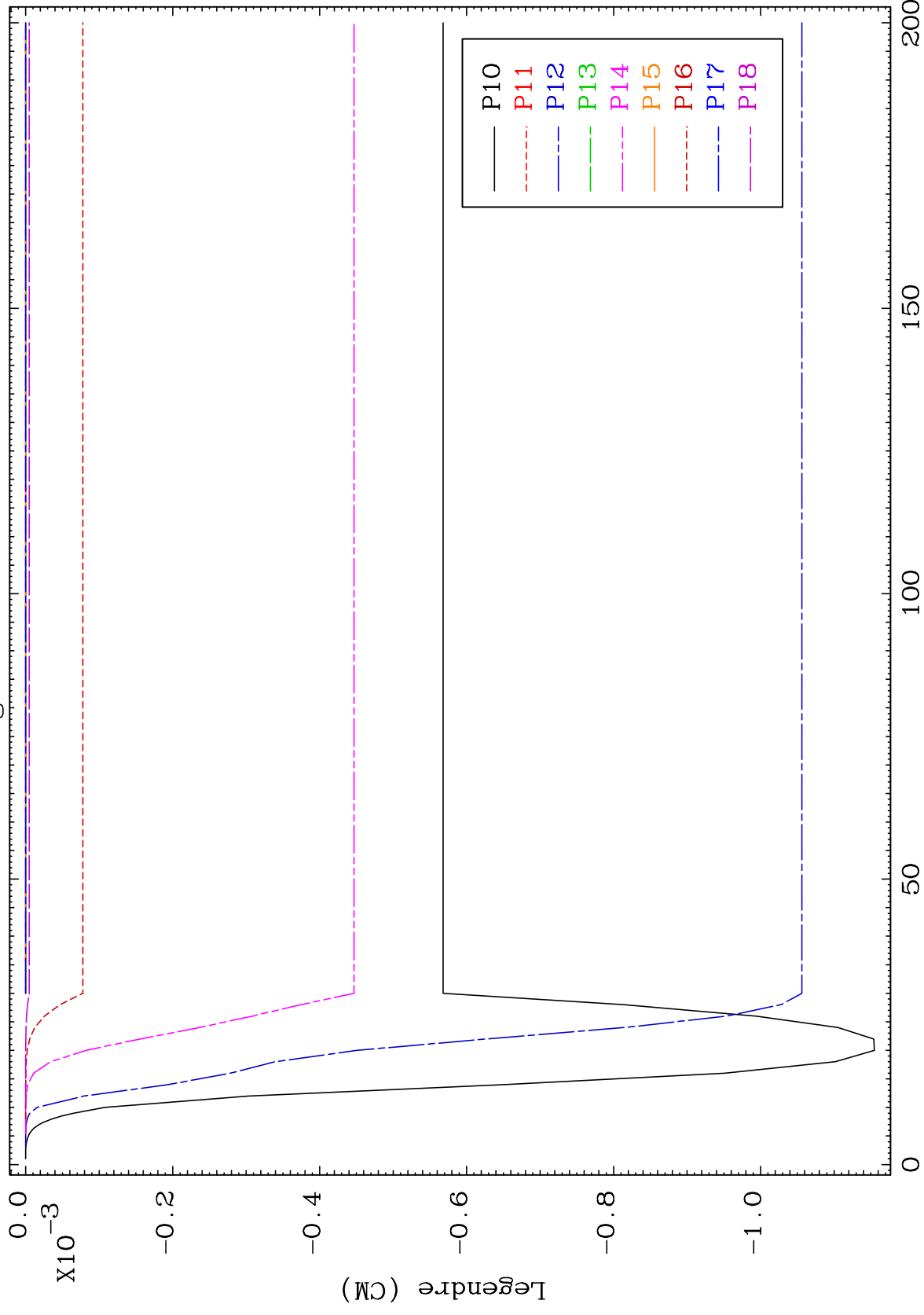
34-Se-77



MAT 3434

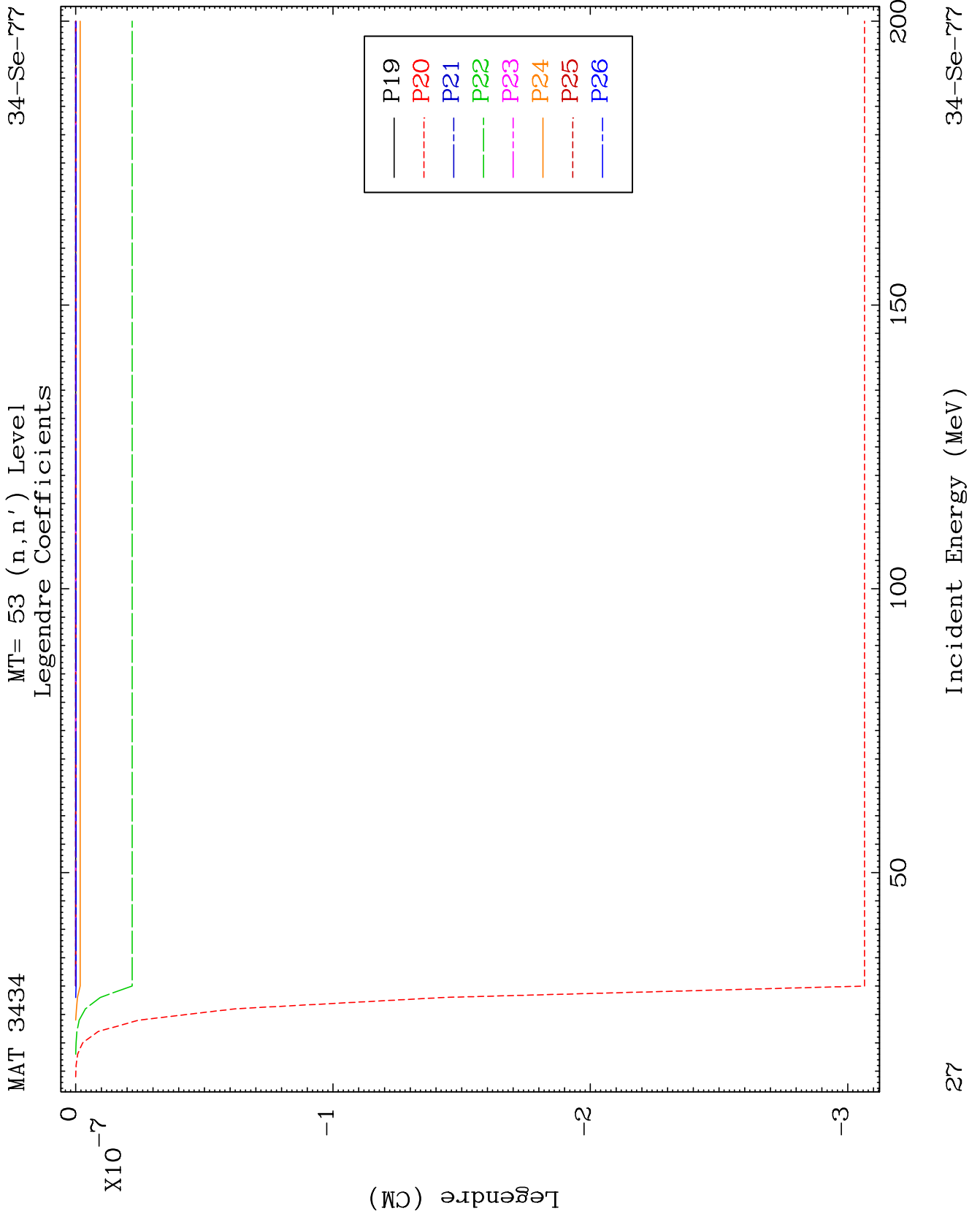
MT= 53 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-77



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<sup>34</sup>Se-77

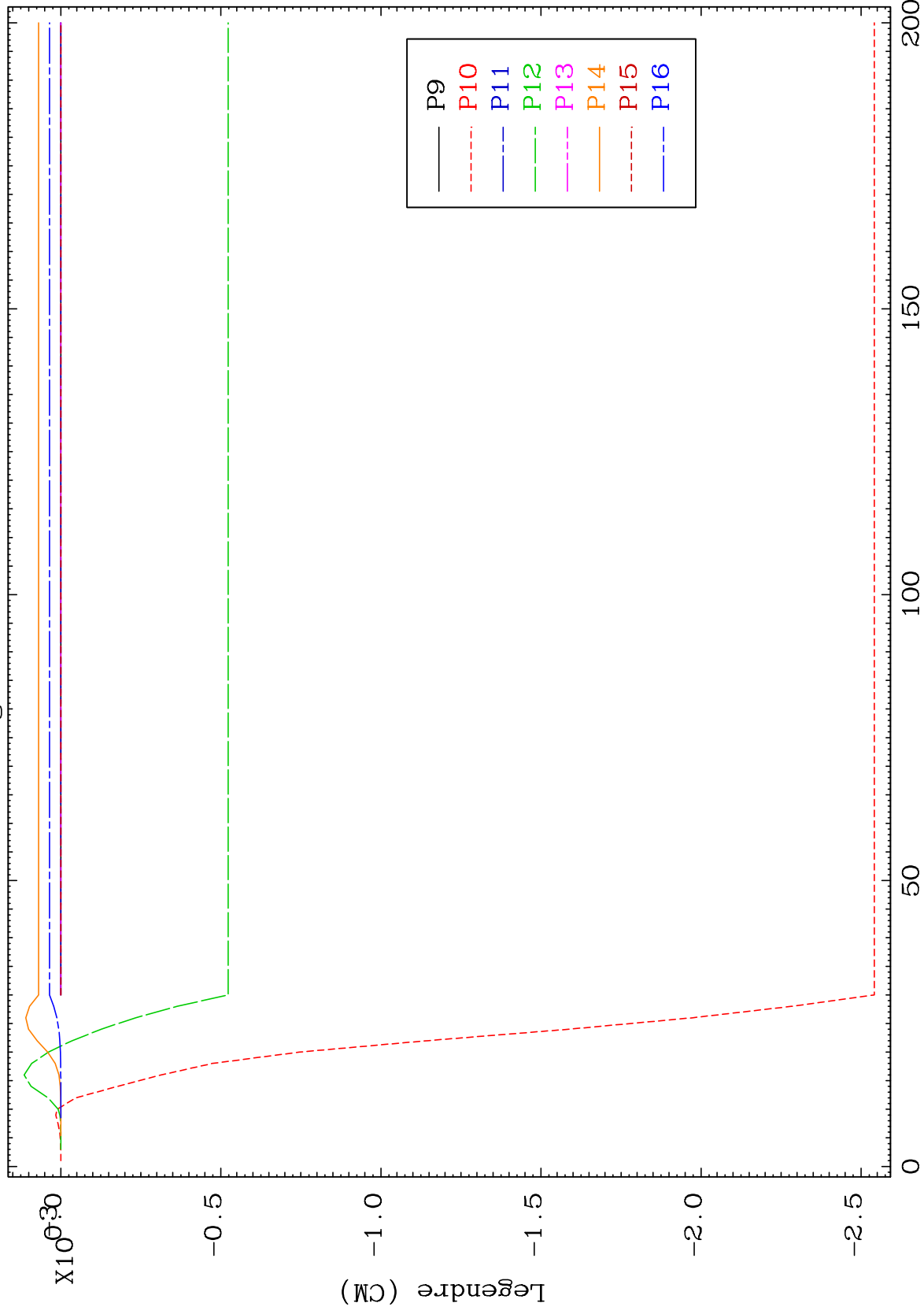




MAT 3434

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

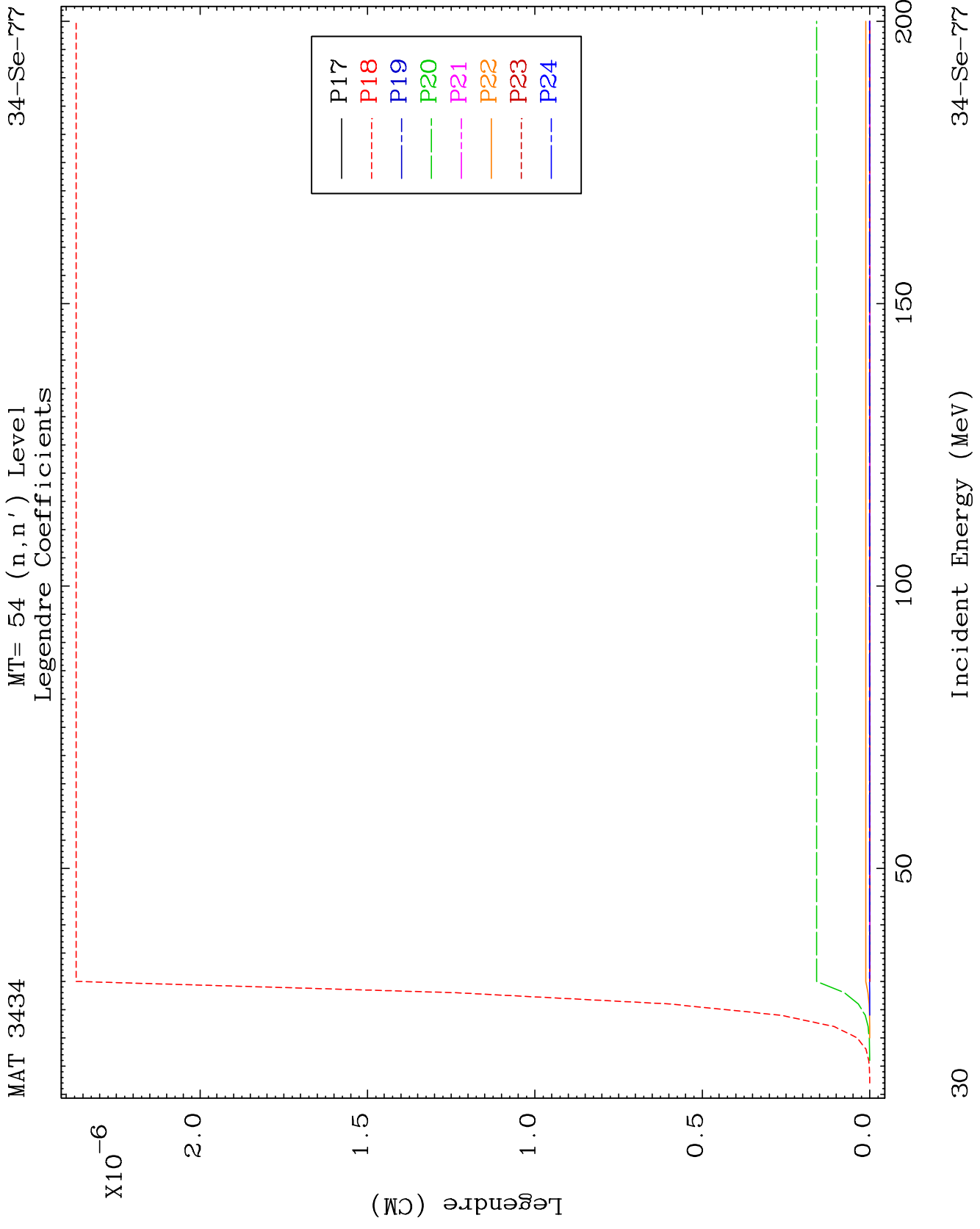
34-Se-77



29

Incident Energy (MeV)

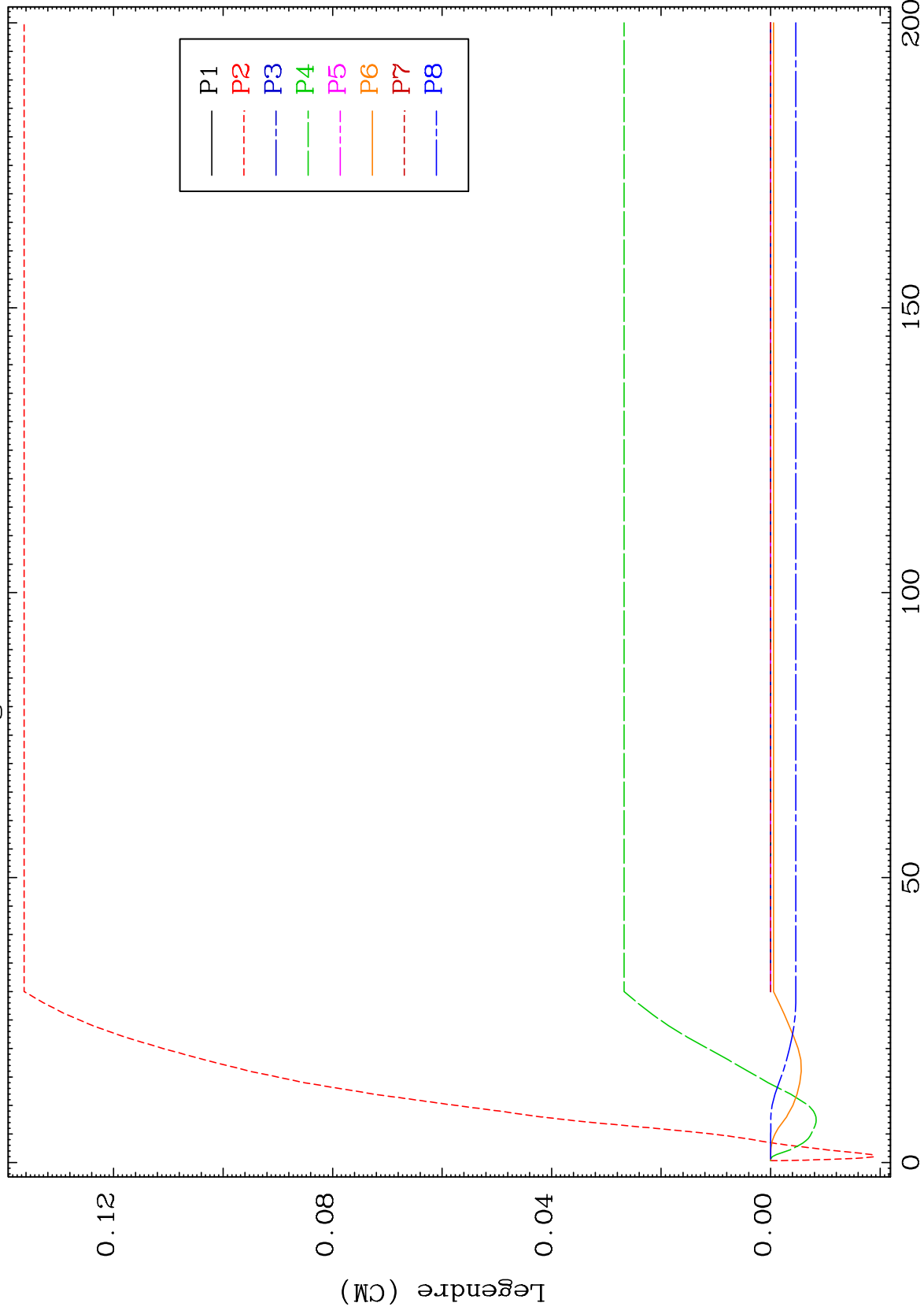
34-Se-77



MAT 3434

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

34-Se-77



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Incident Energy (MeV)

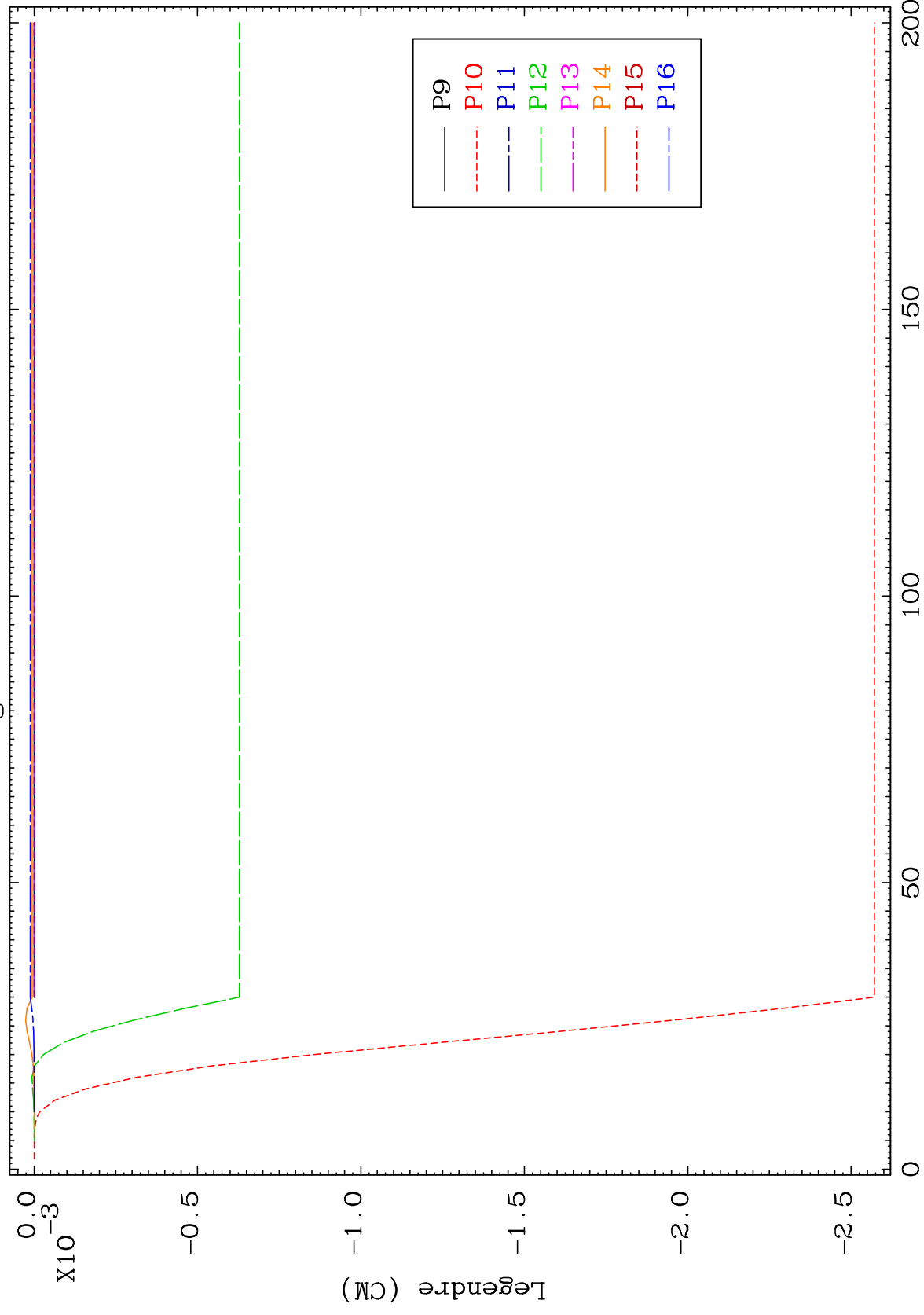
34-Se-77



MAT 3434

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

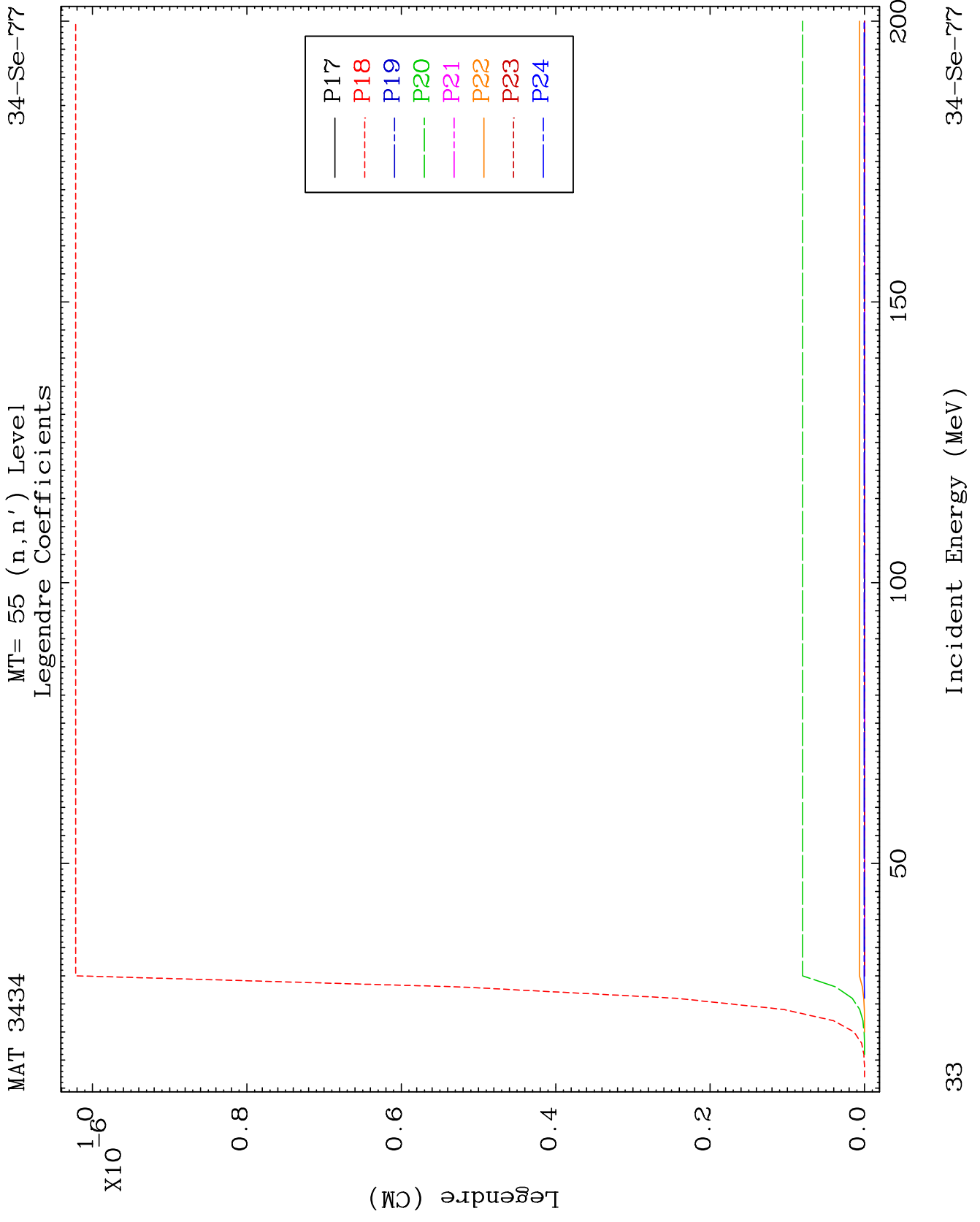
34-Se-77

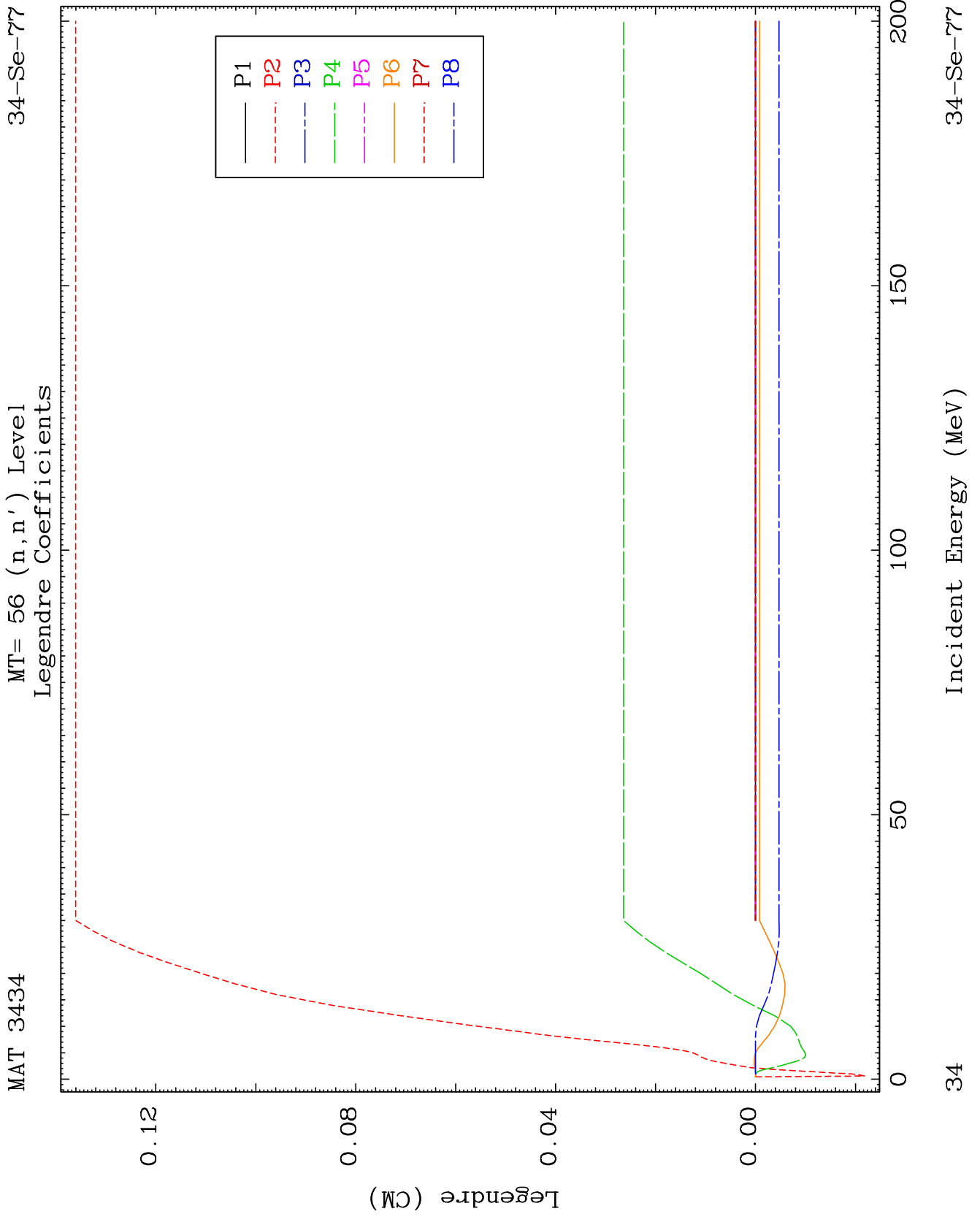


32

Incident Energy (MeV)

34-Se-77

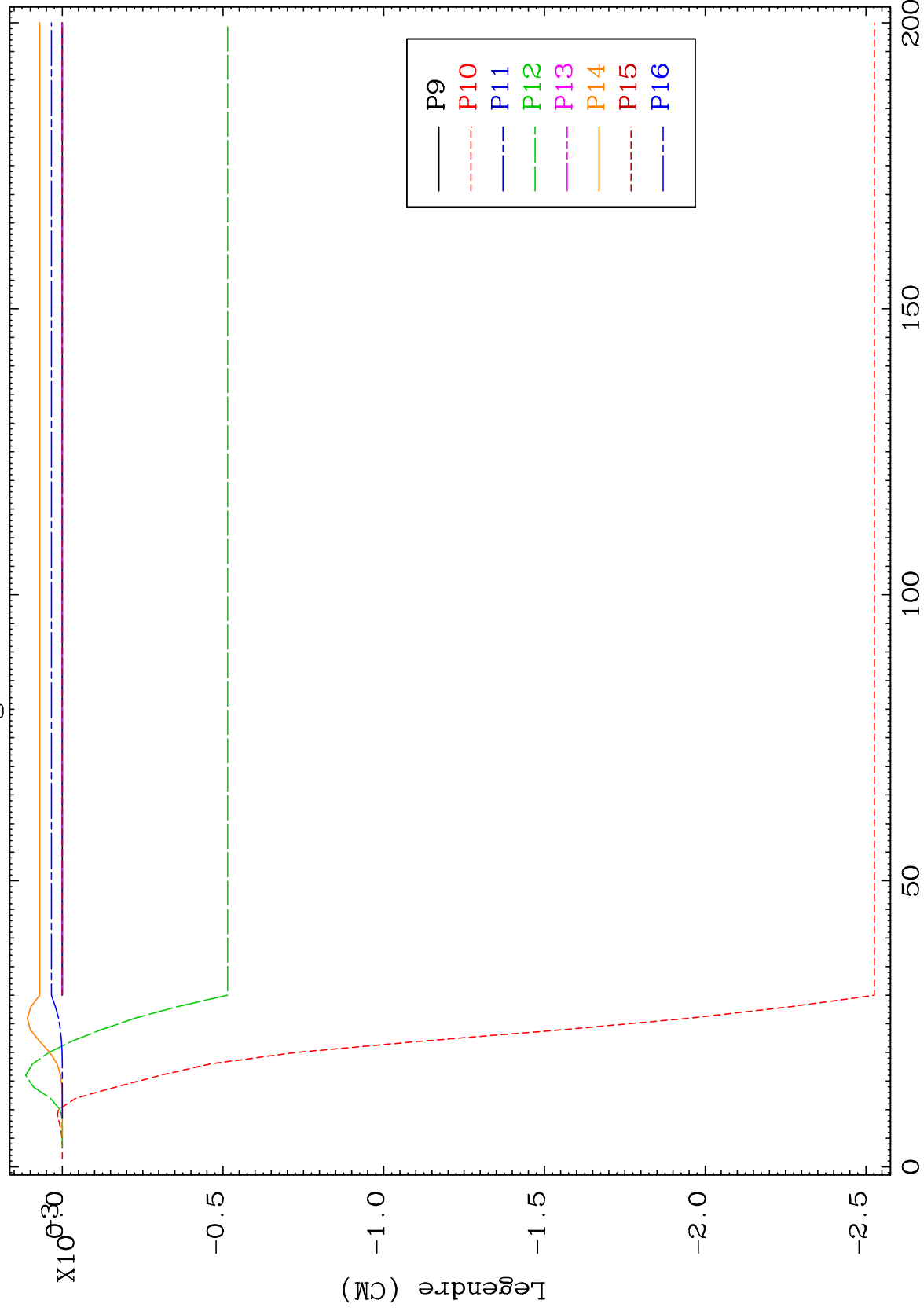




MAT 3434

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

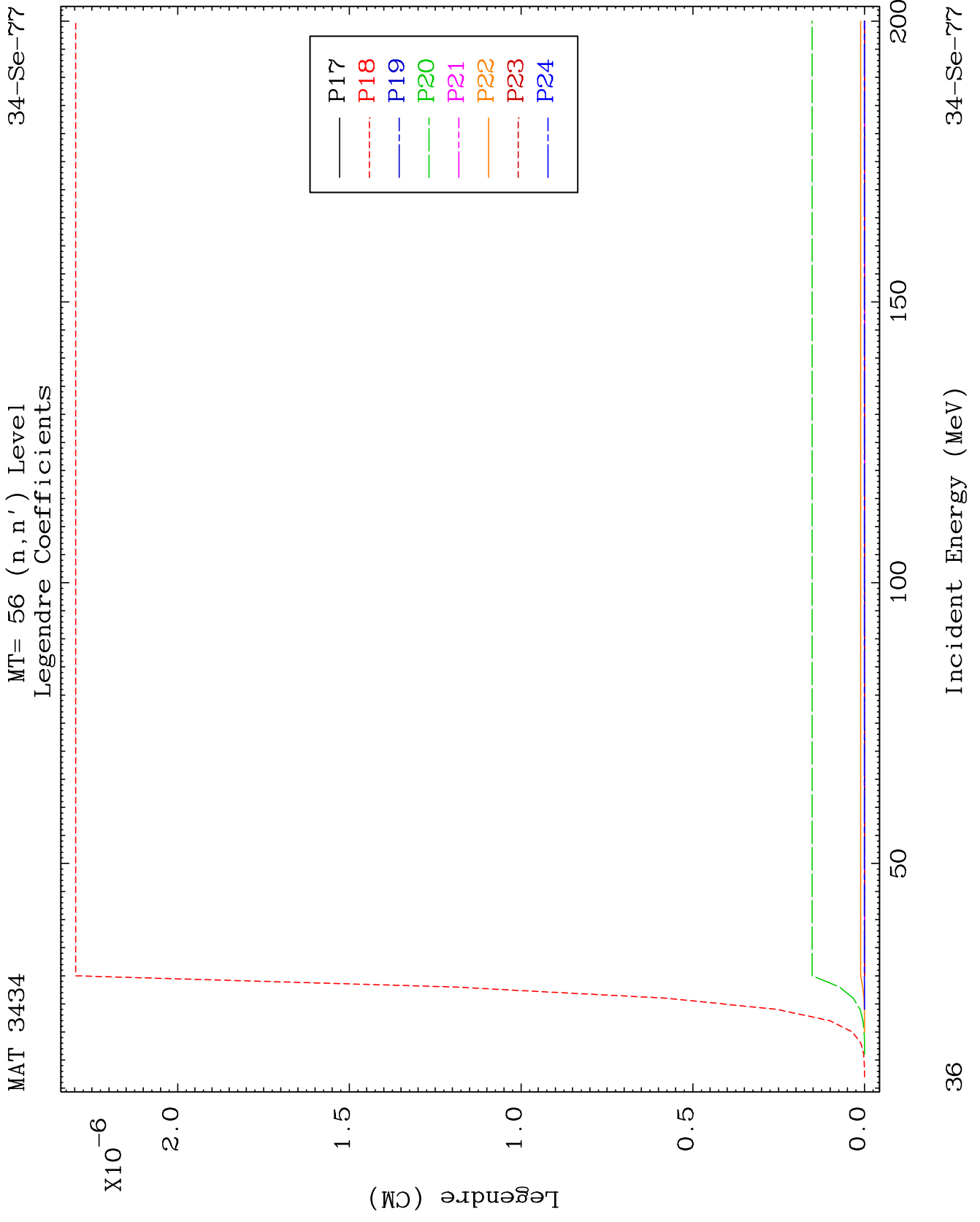
34-Se-77

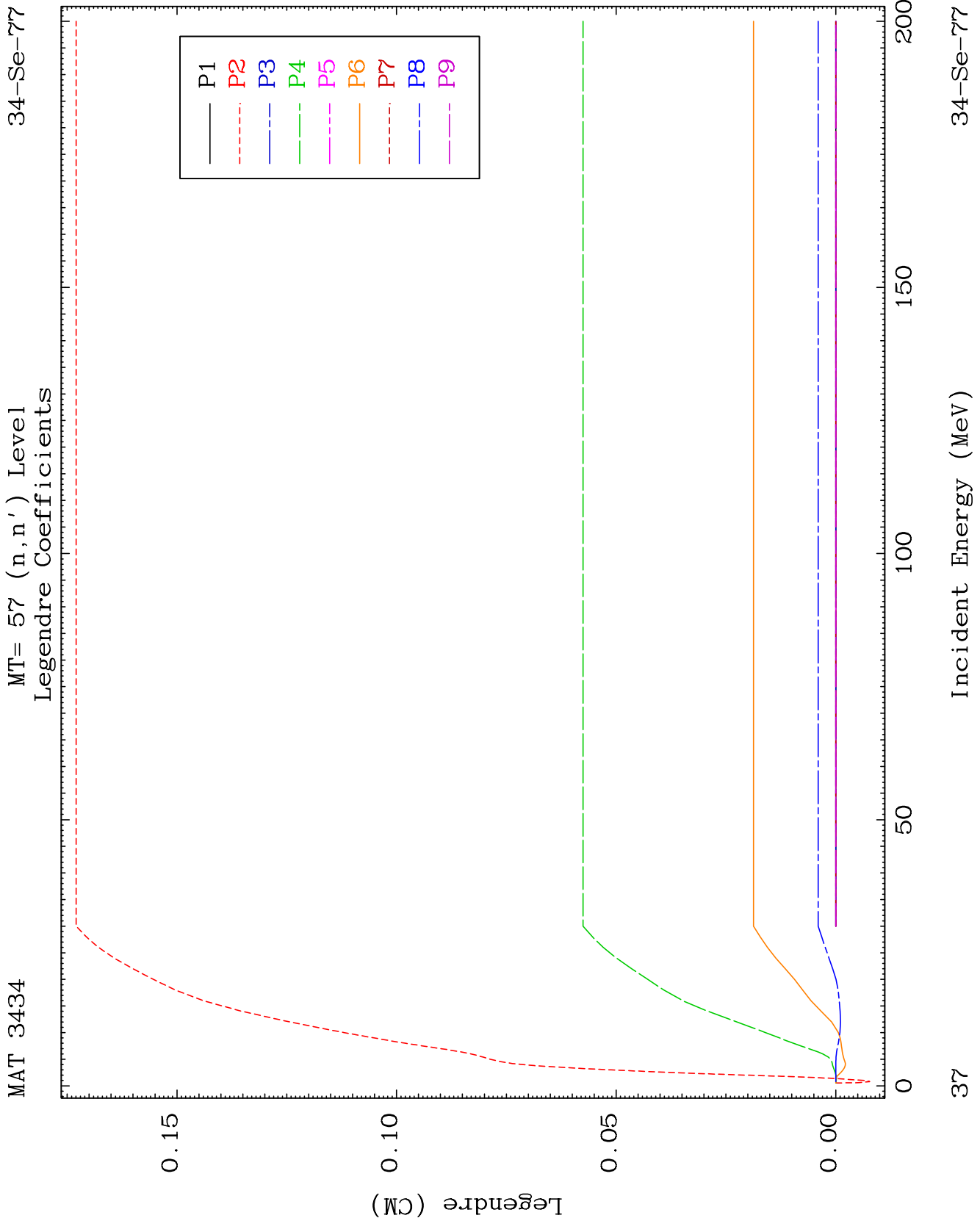


35

Incident Energy (MeV)

34-Se-77

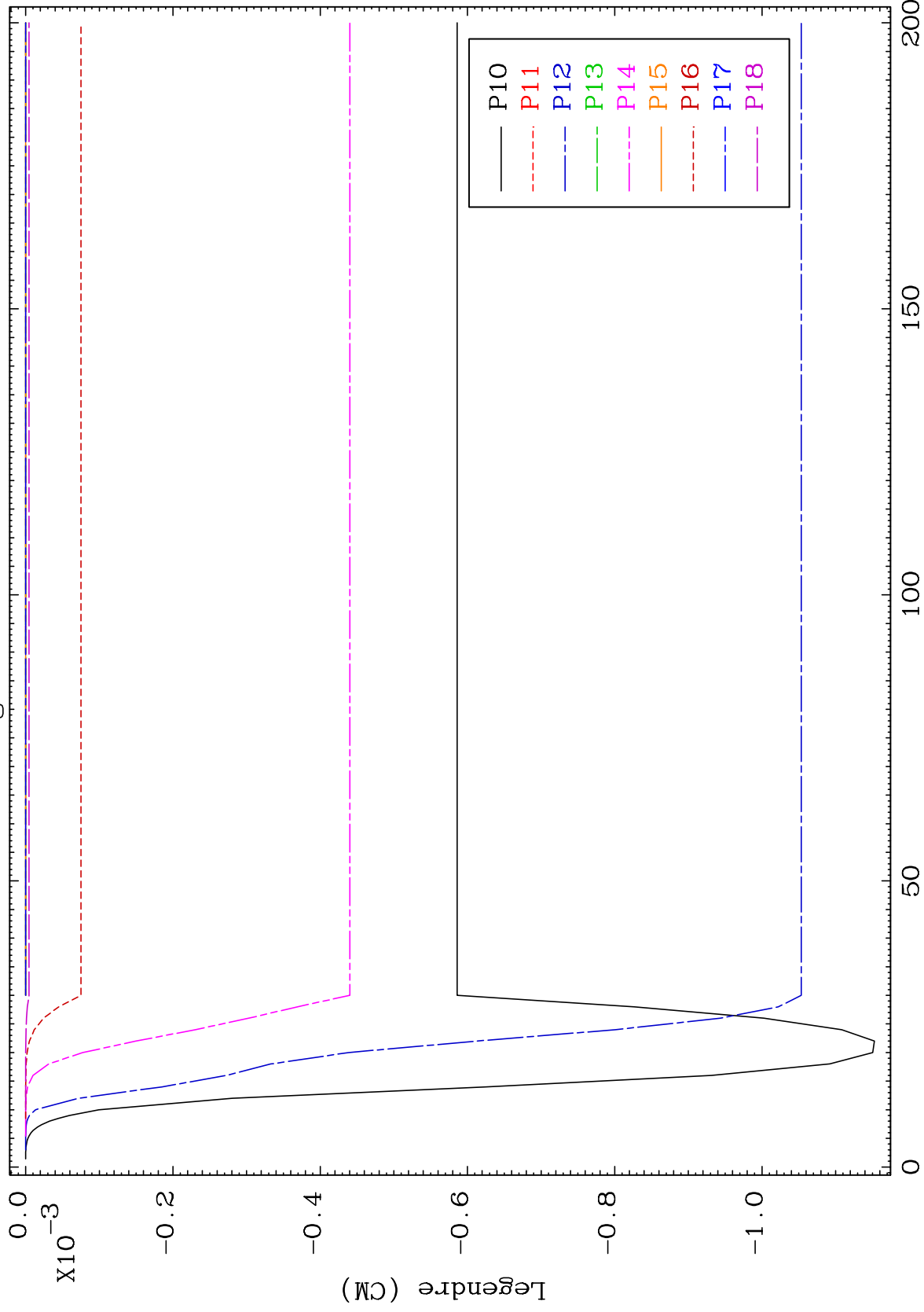




MAT 3434

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

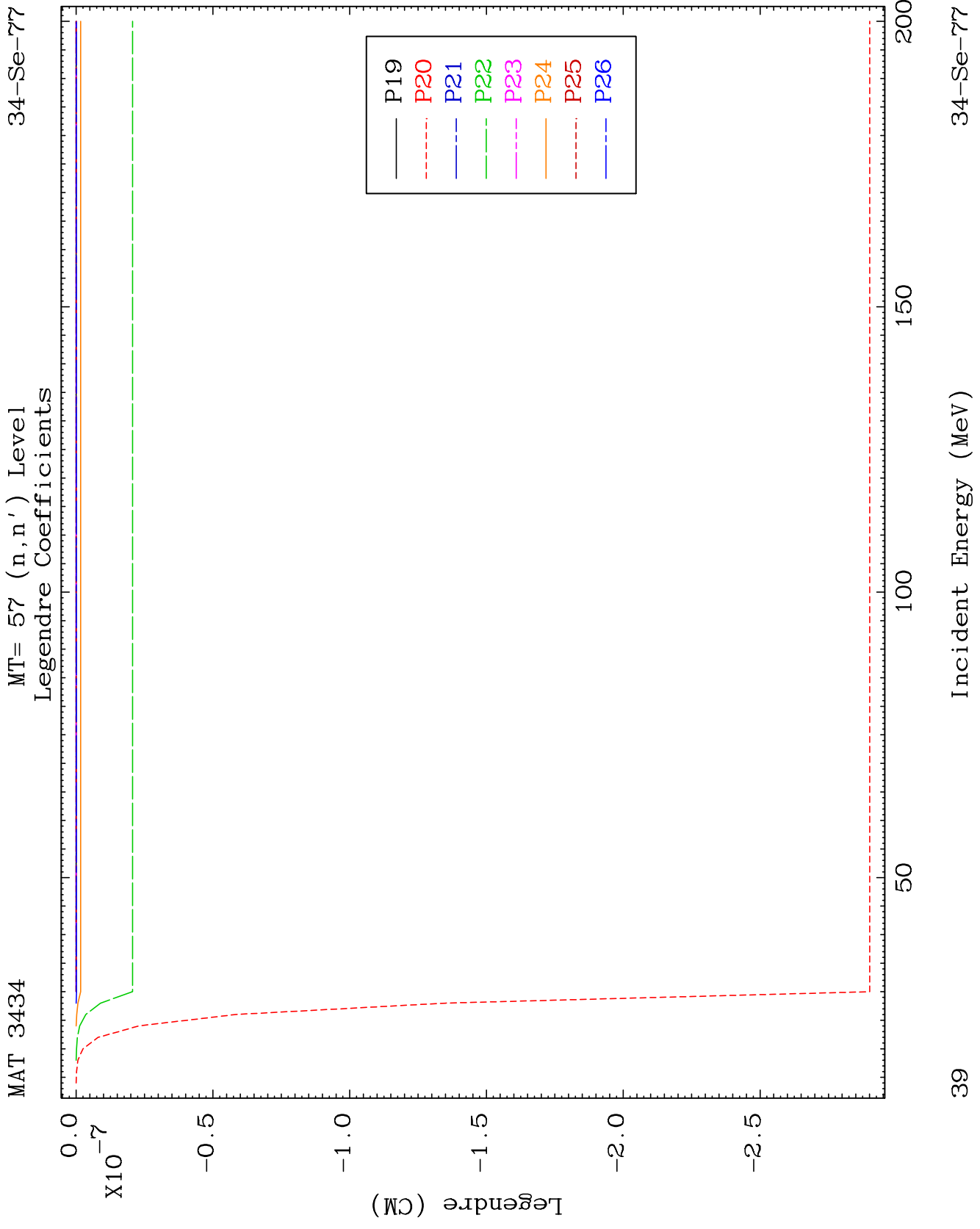
34-Se-77



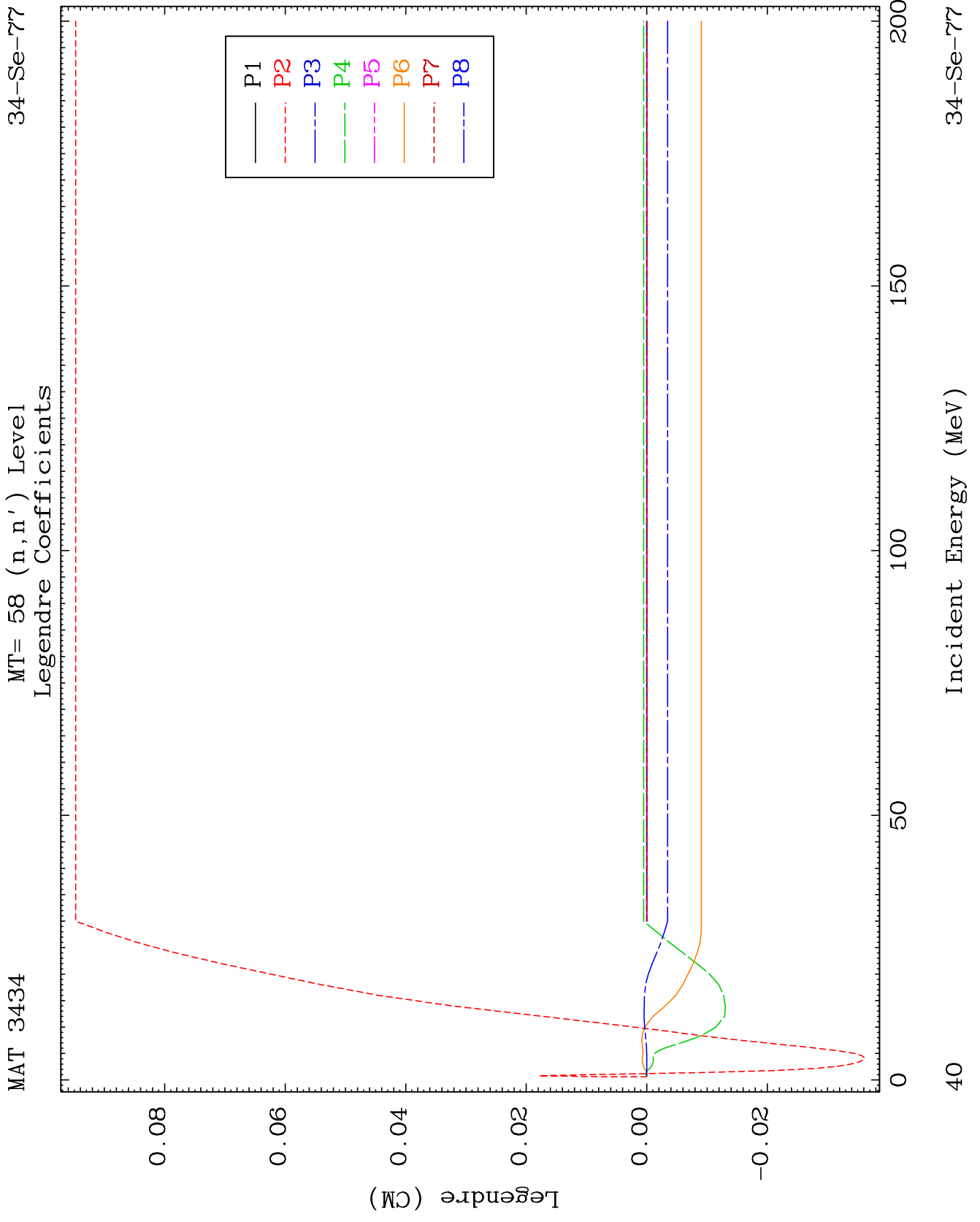
38

Incident Energy (MeV)

34-Se-77



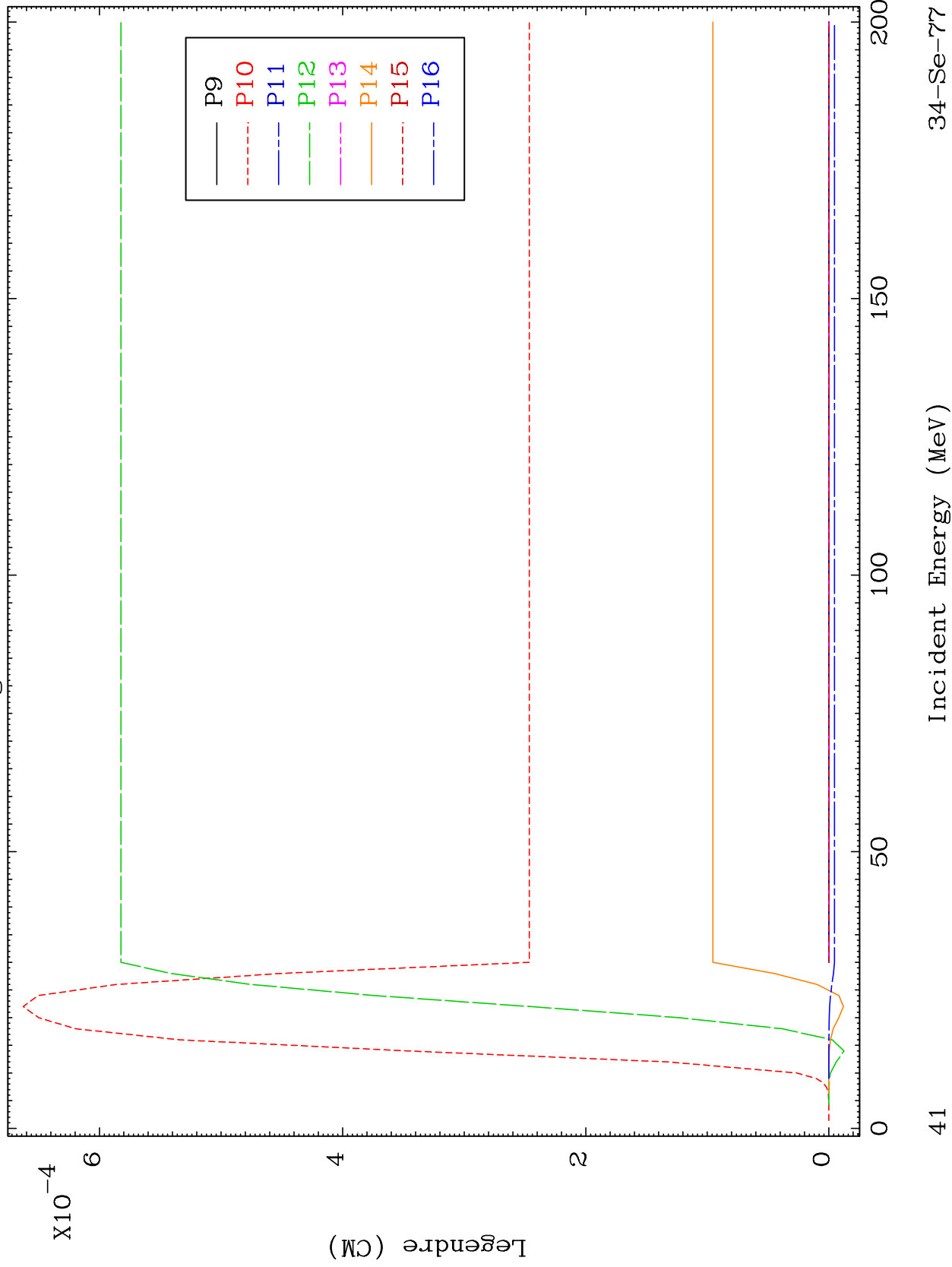




MAT 3434

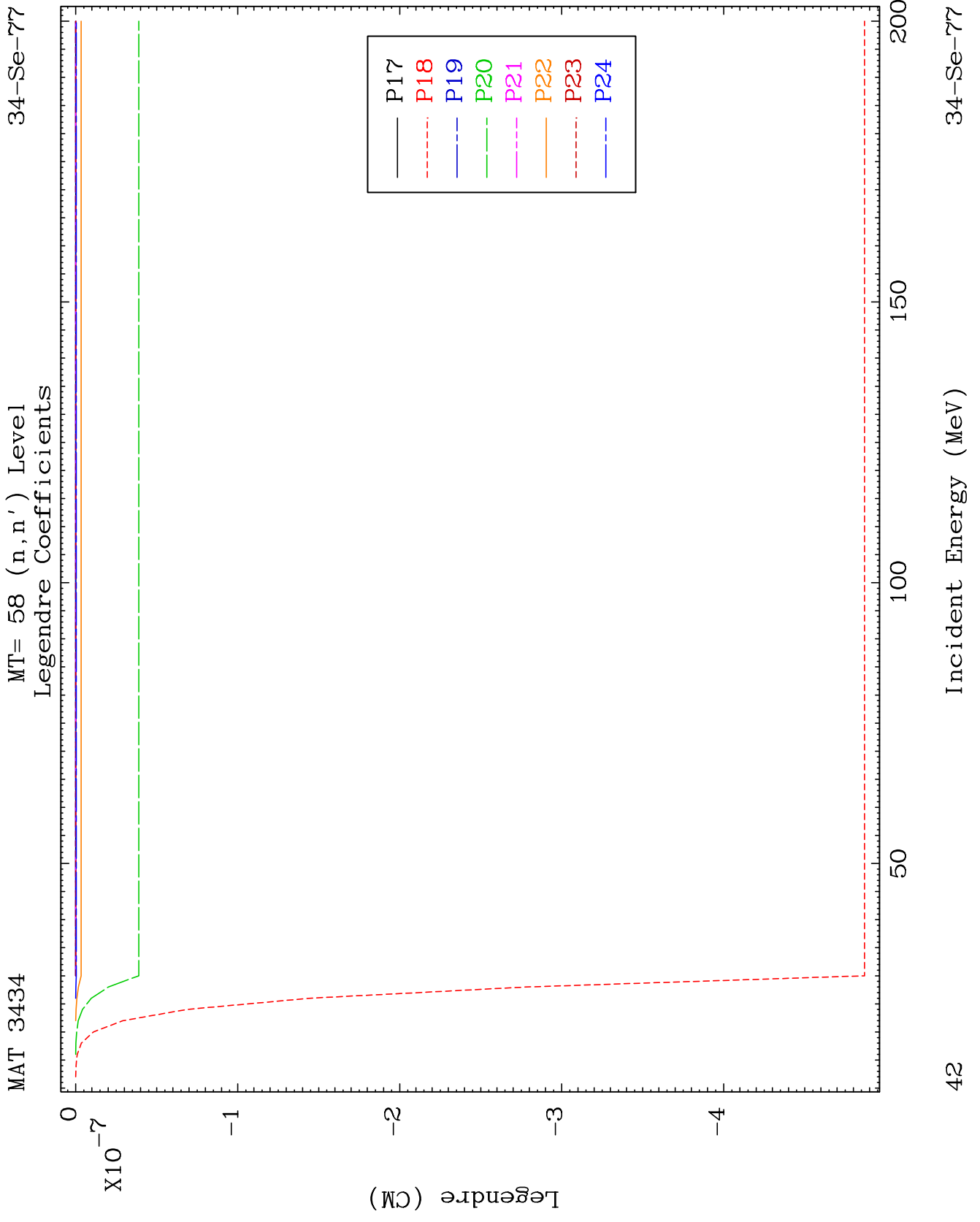
MT= 58 (n,n') Level  
Legendre Coefficients

34-Se-77



41

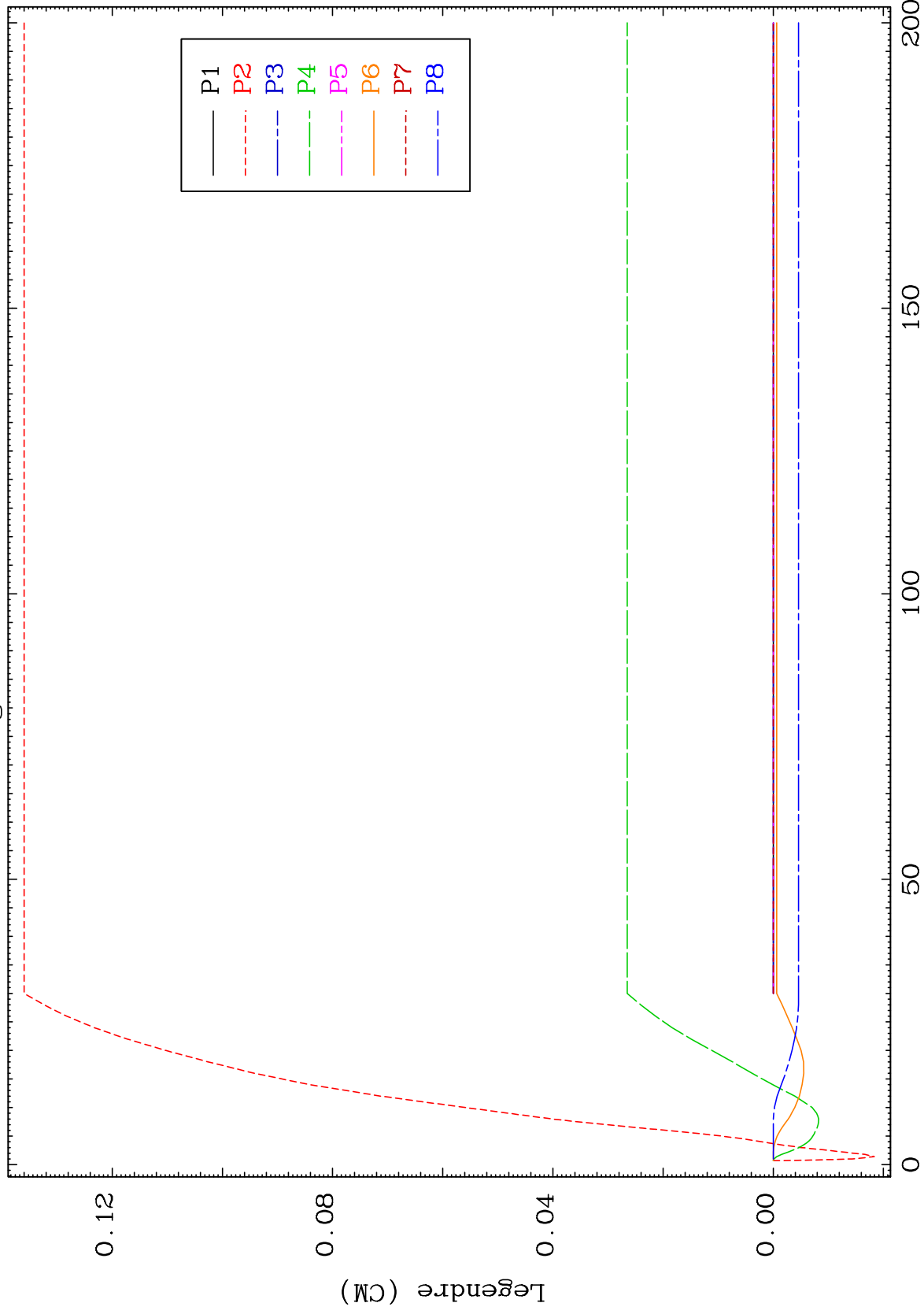
34-Se-77



MAT 3434

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

34-Se-77



43

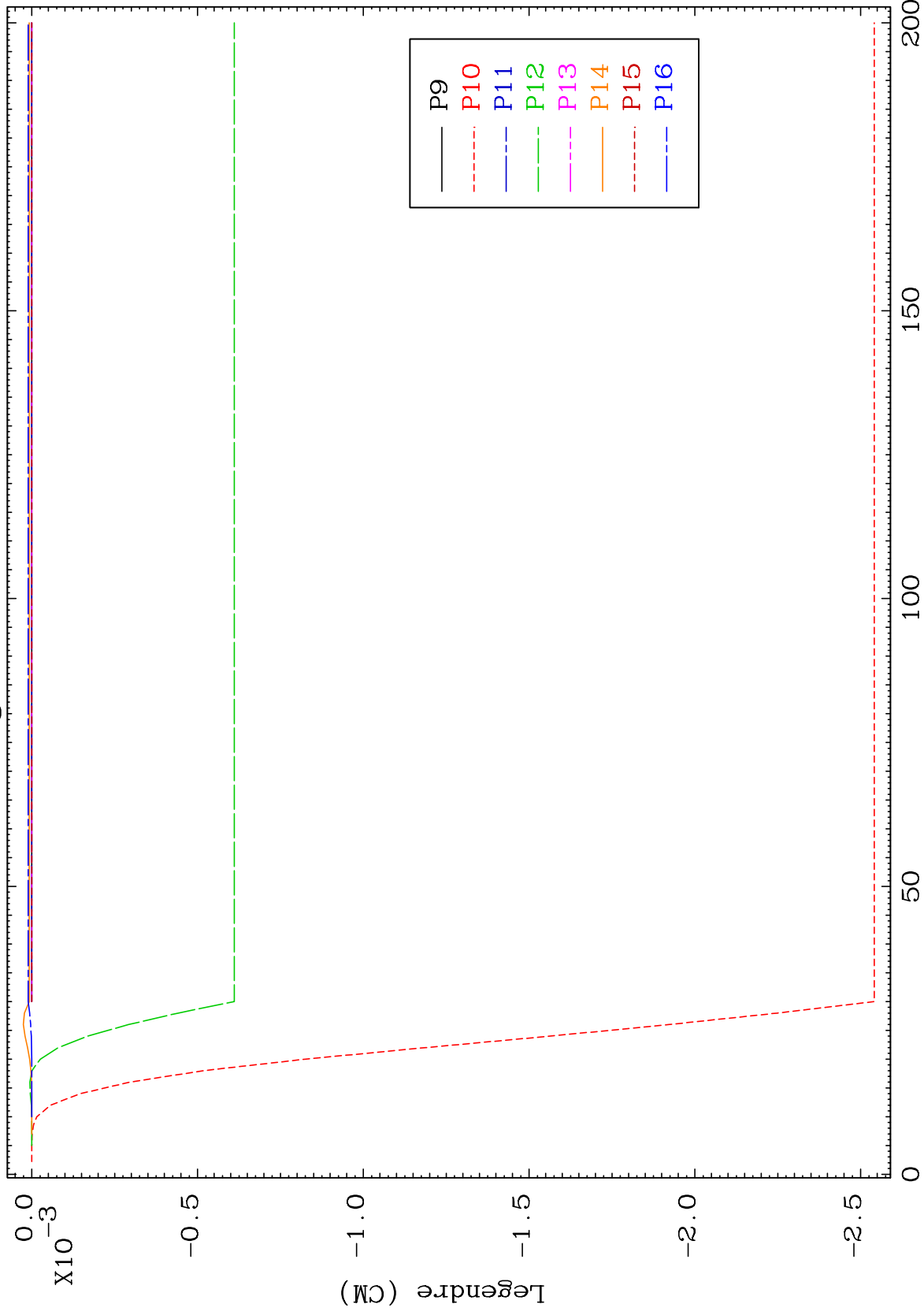
Incident Energy (MeV)

34-Se-77

MAT 3434

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

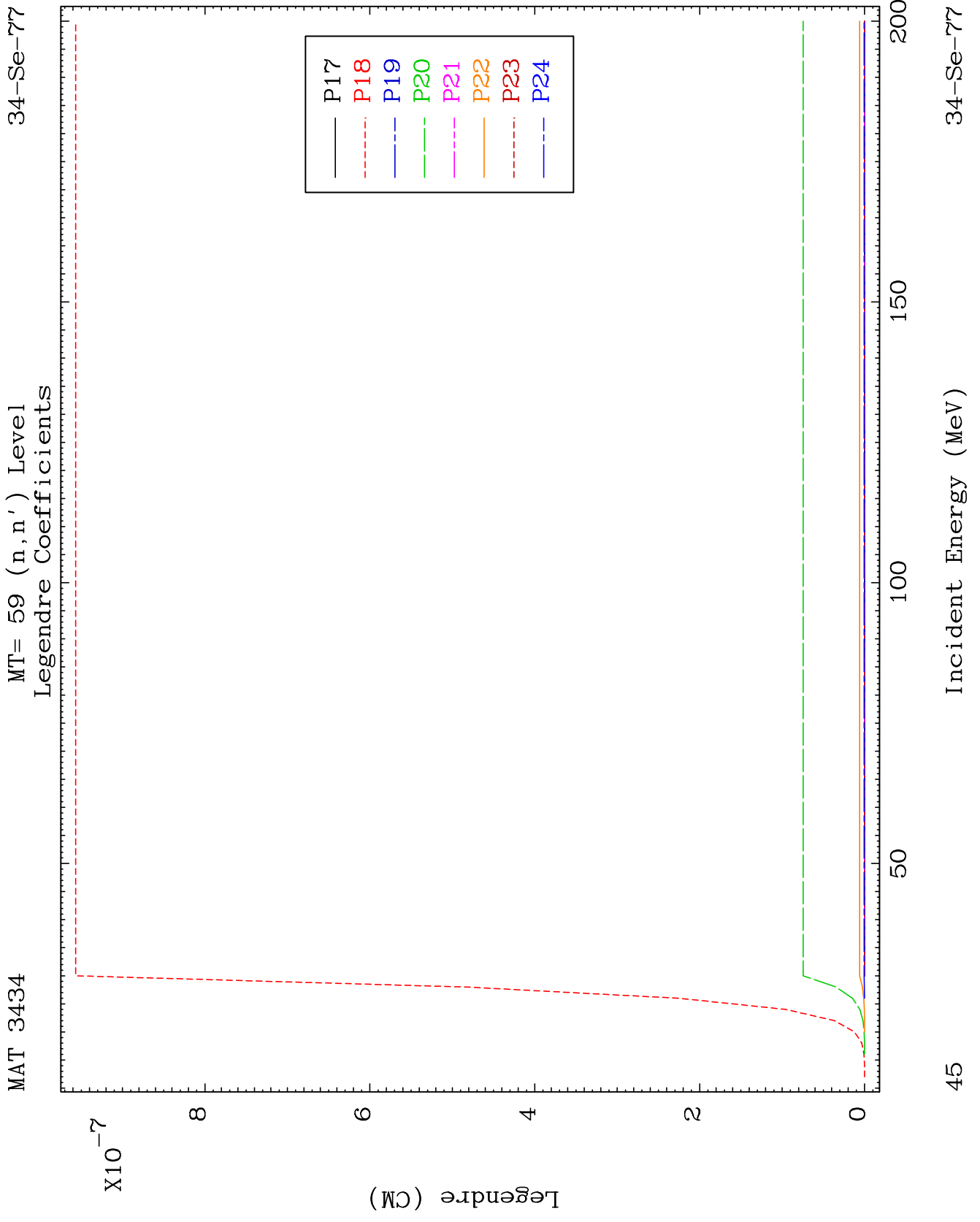
34-Se-77



44

Incident Energy (MeV)

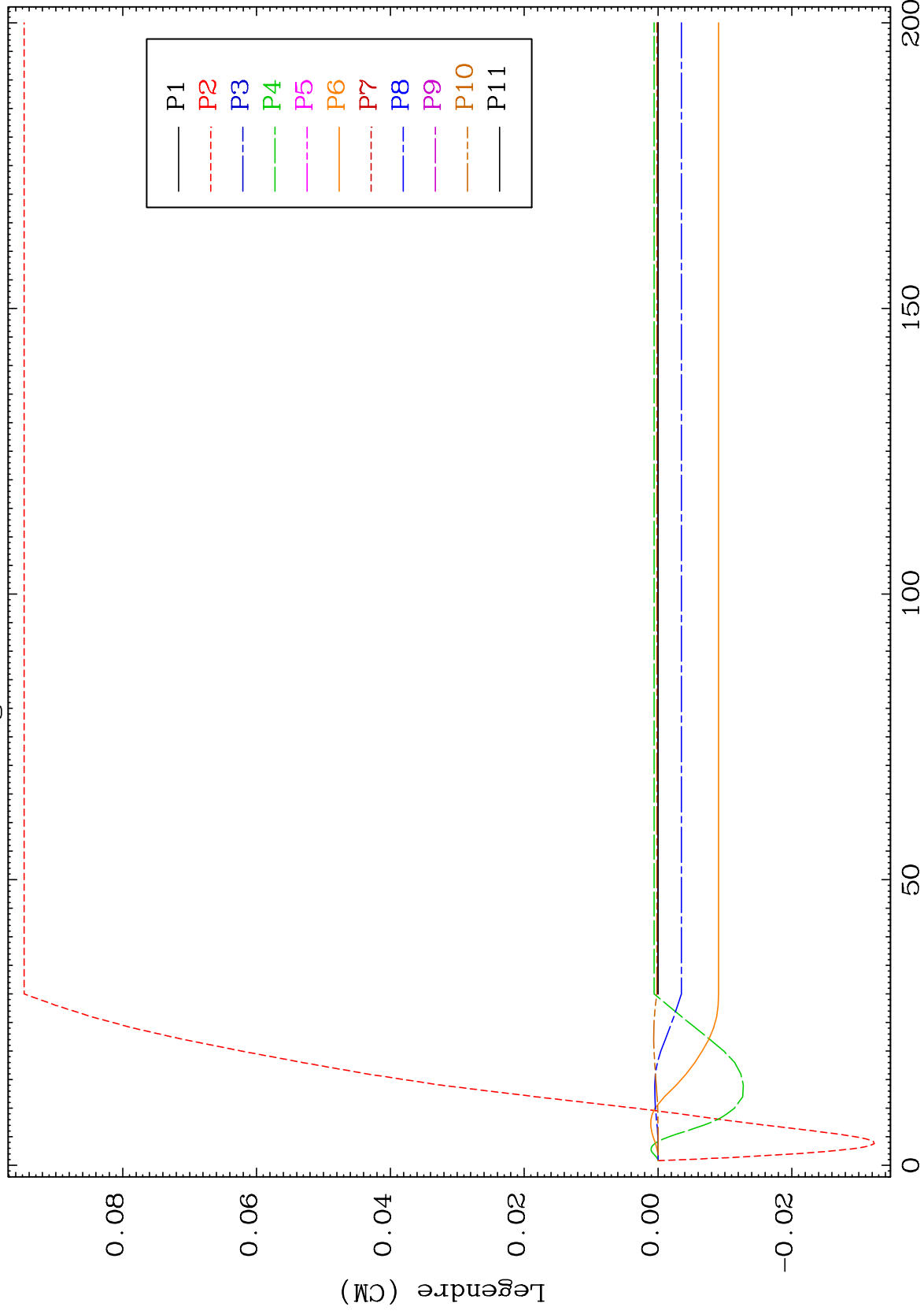
34-Se-77



MAT 3434

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

<sup>34</sup>Se-77



46

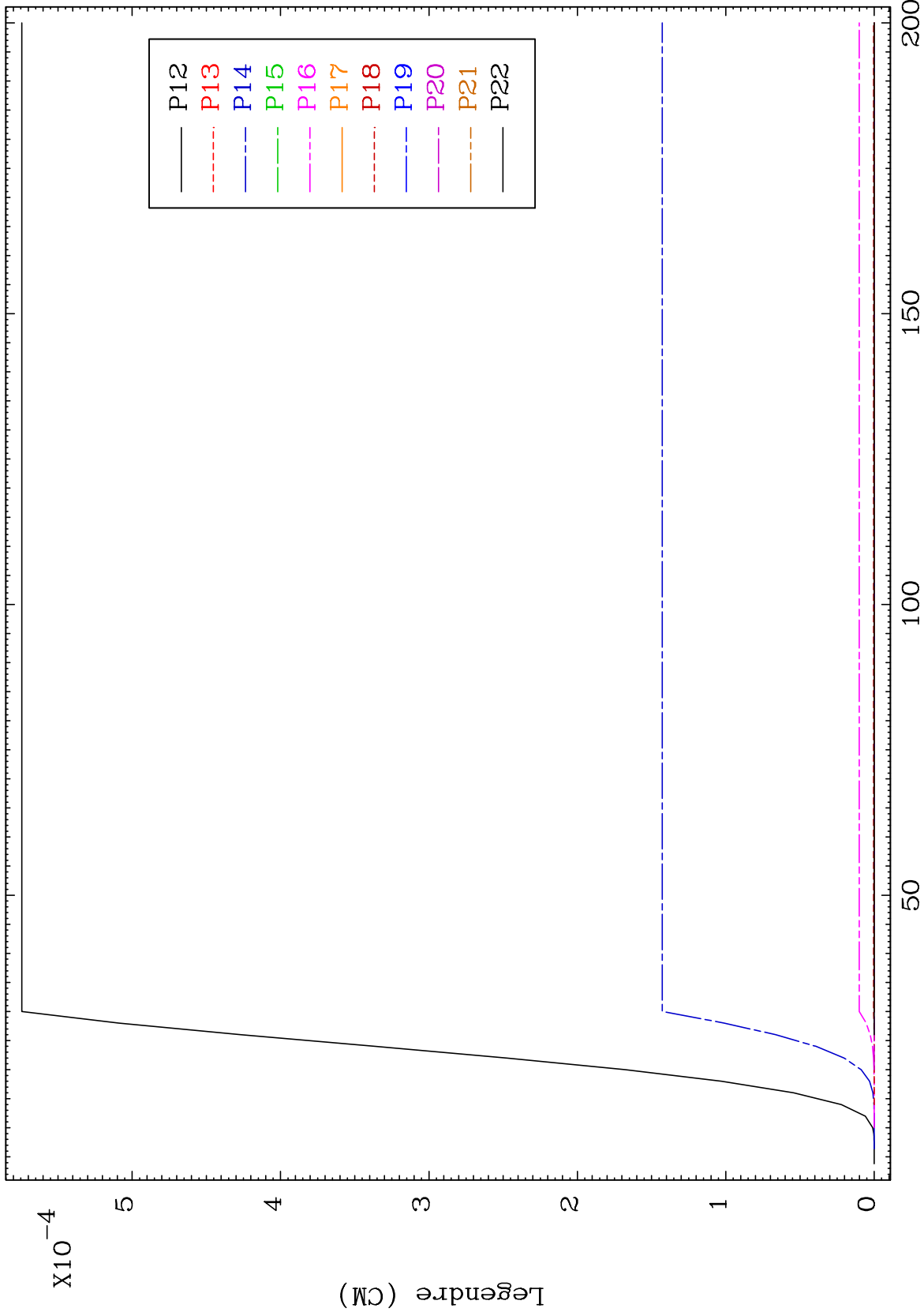
Incident Energy (MeV)

<sup>34</sup>Se-77

MAT 3434

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

34-Se-77



47

Incident Energy (MeV)

34-Se-77

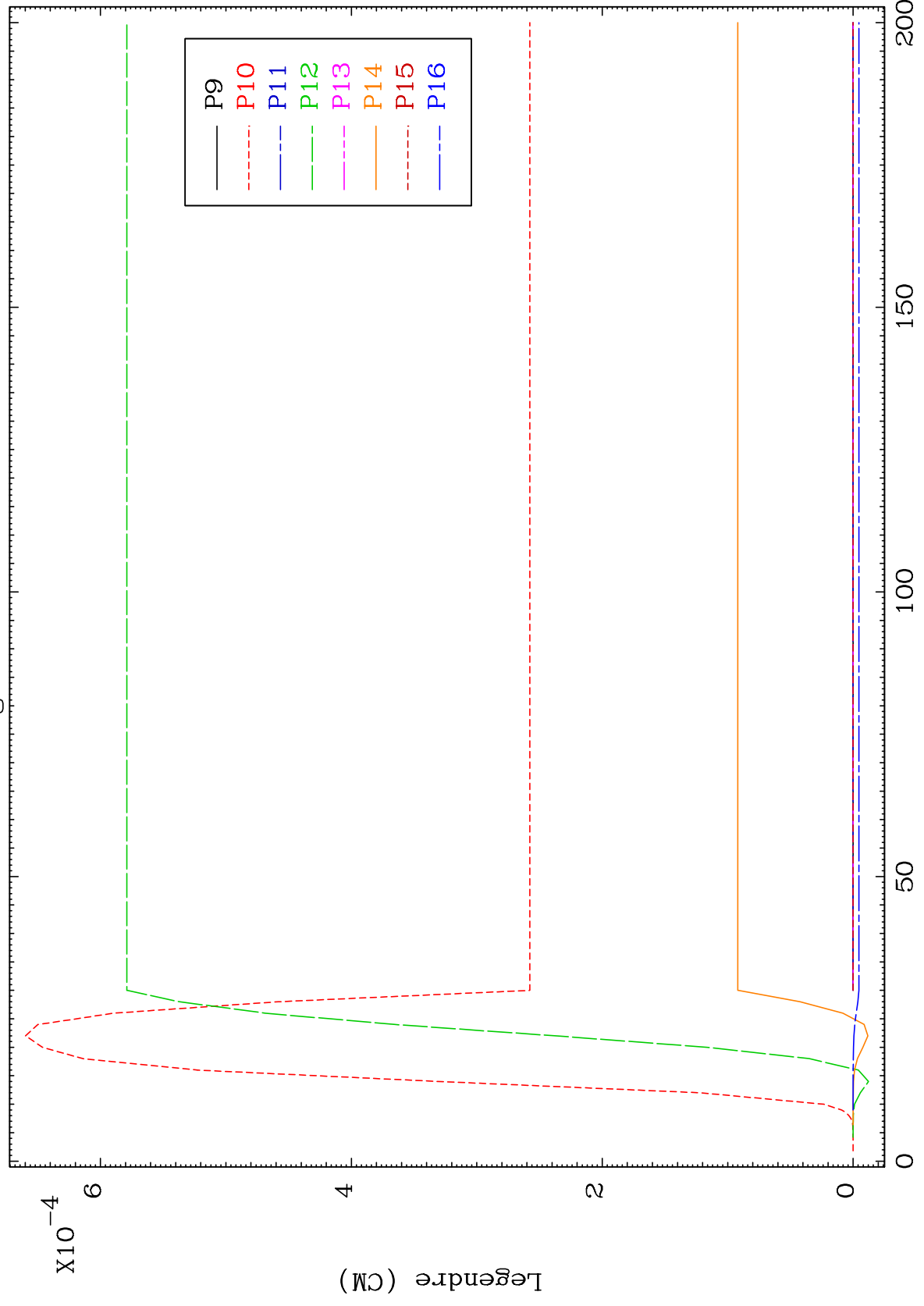




MAT 3434

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

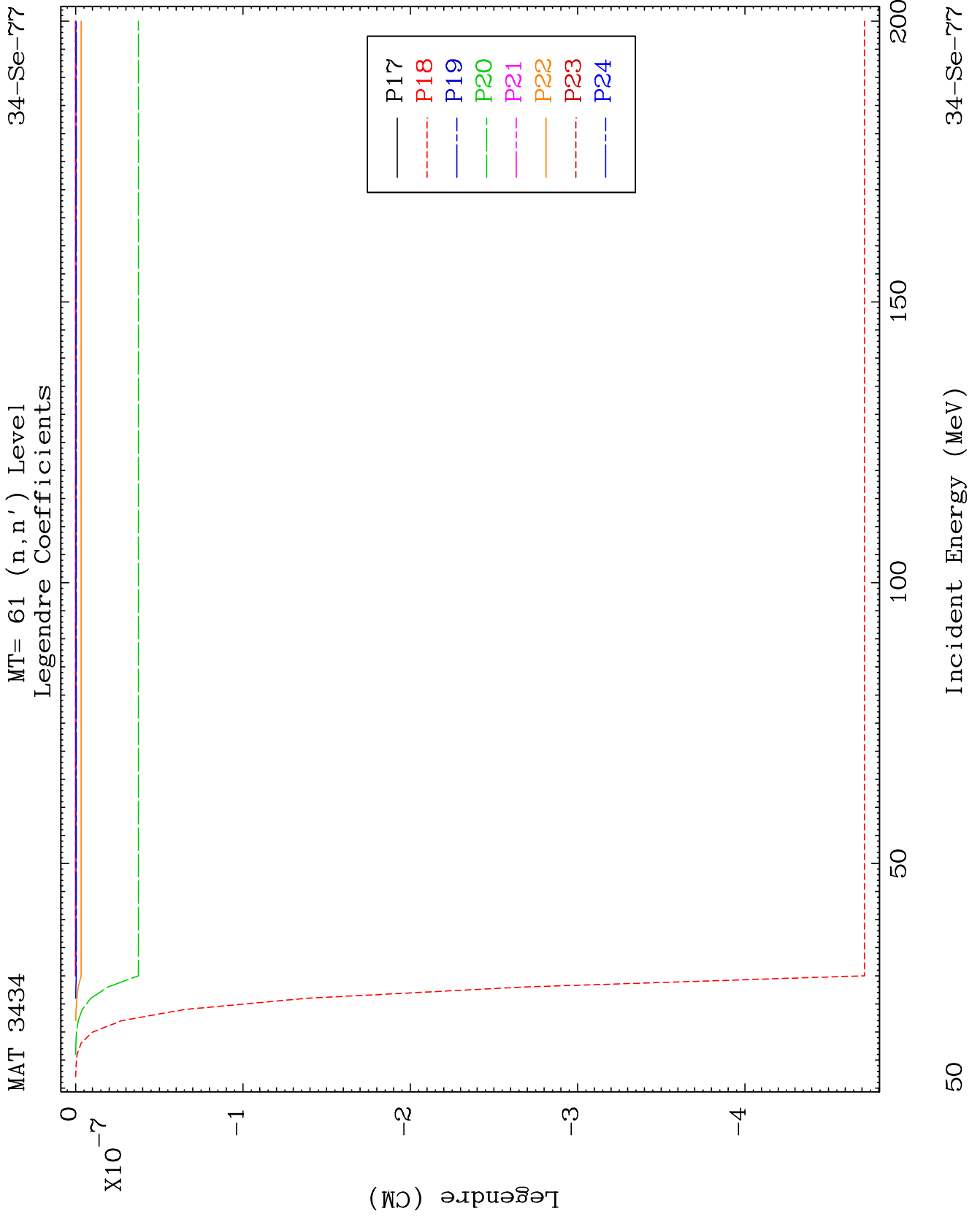
34-Se-77

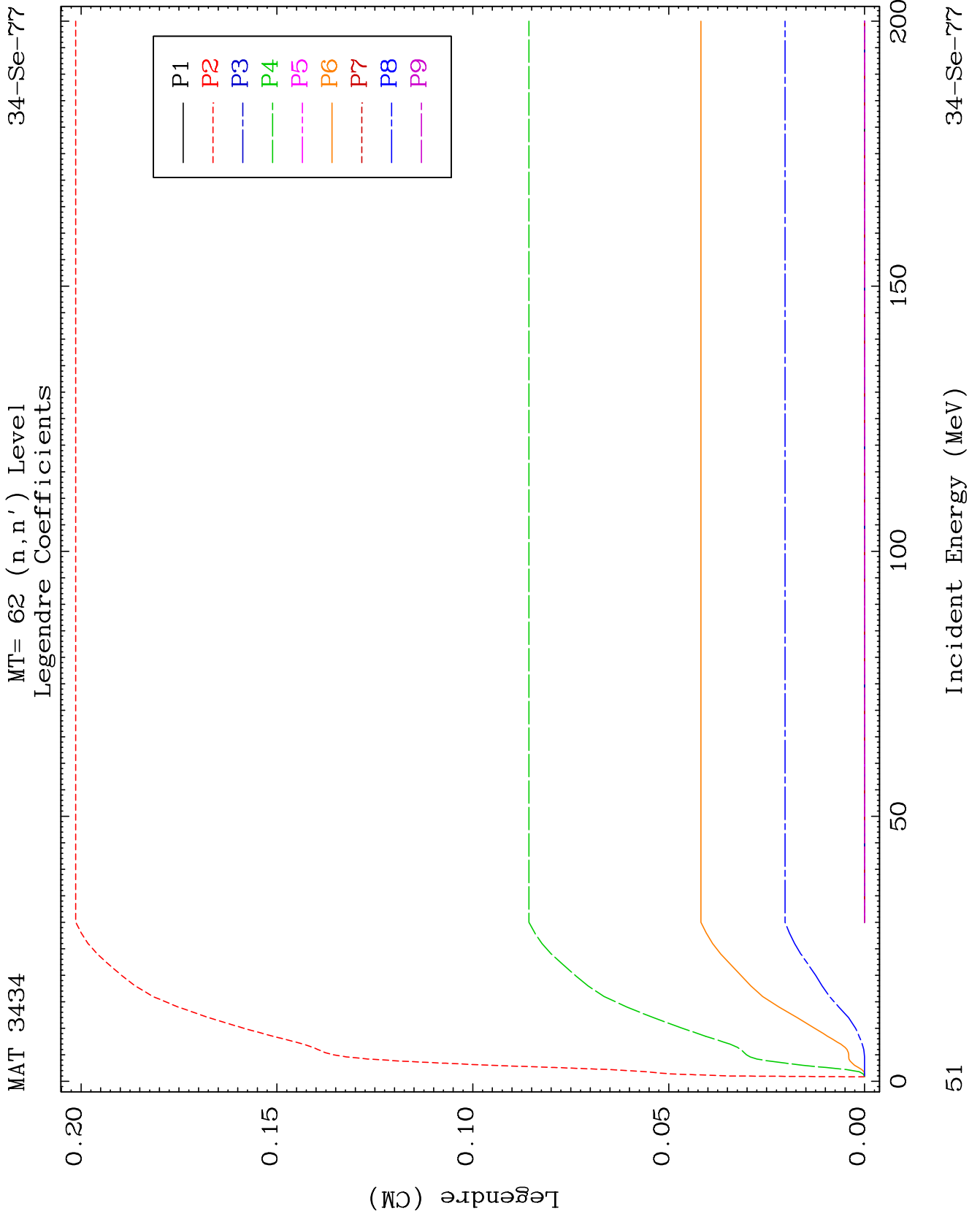


49

Incident Energy (MeV)

34-Se-77

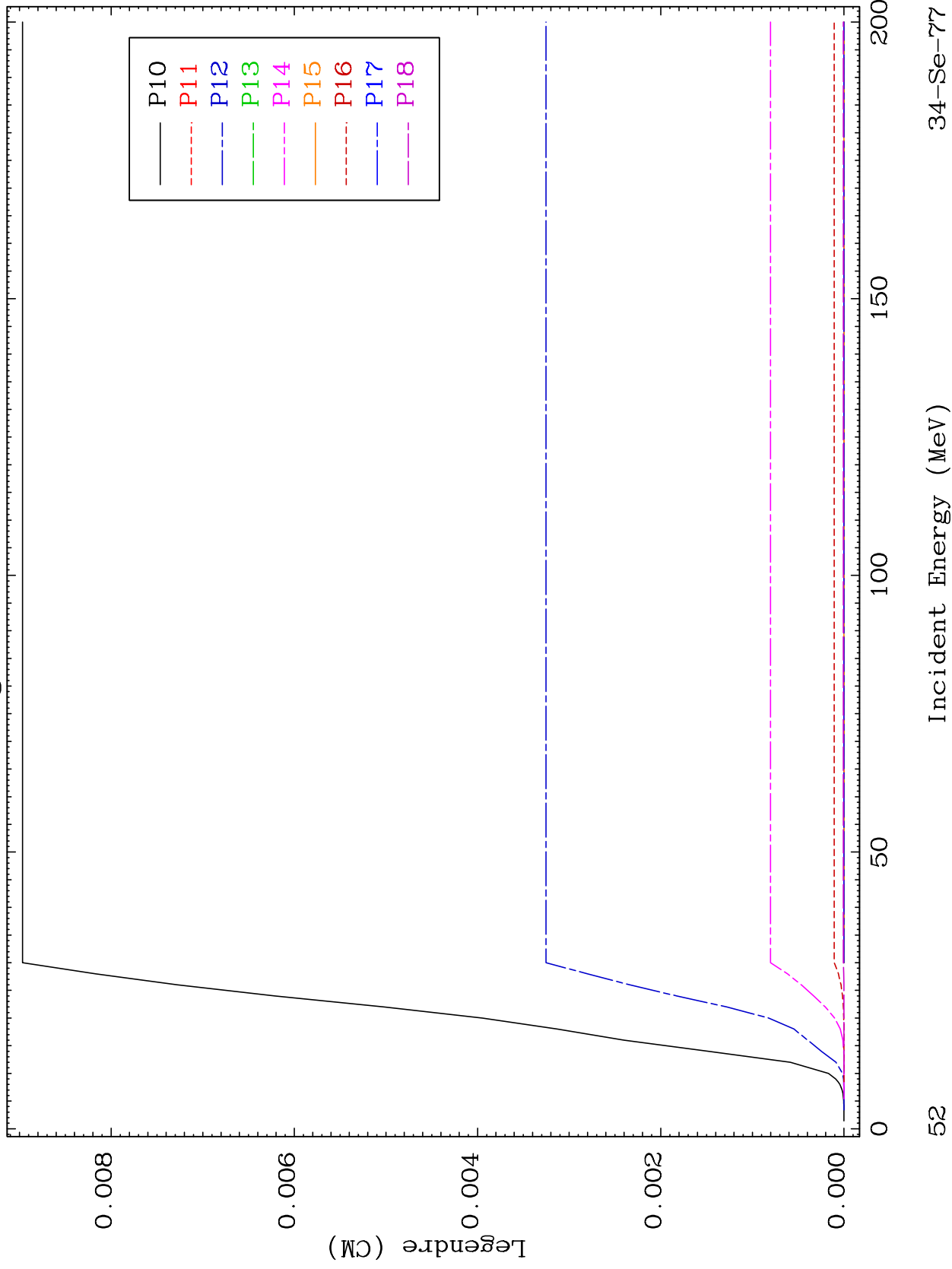




MAT 3434

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

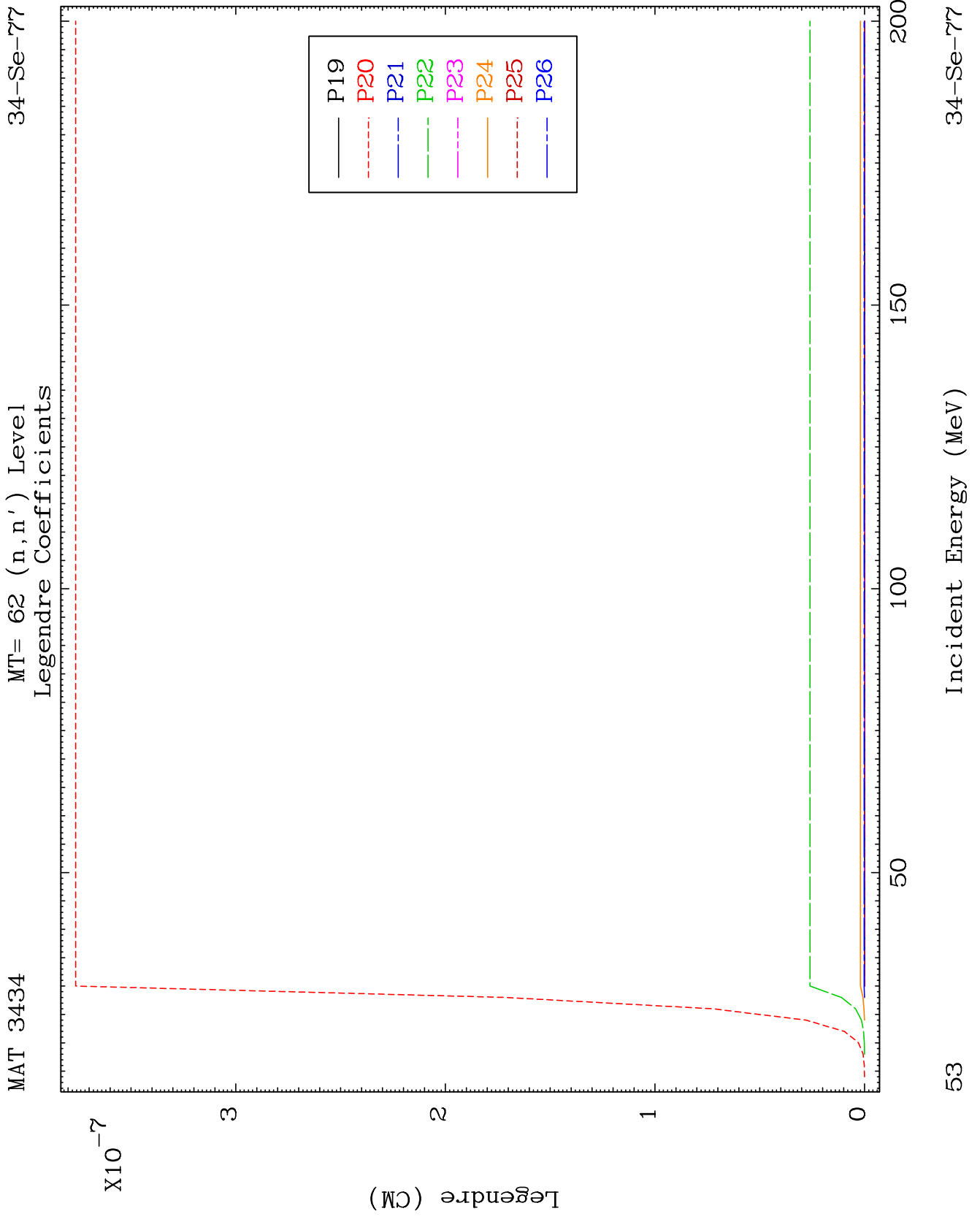
<sup>34</sup>Se-77

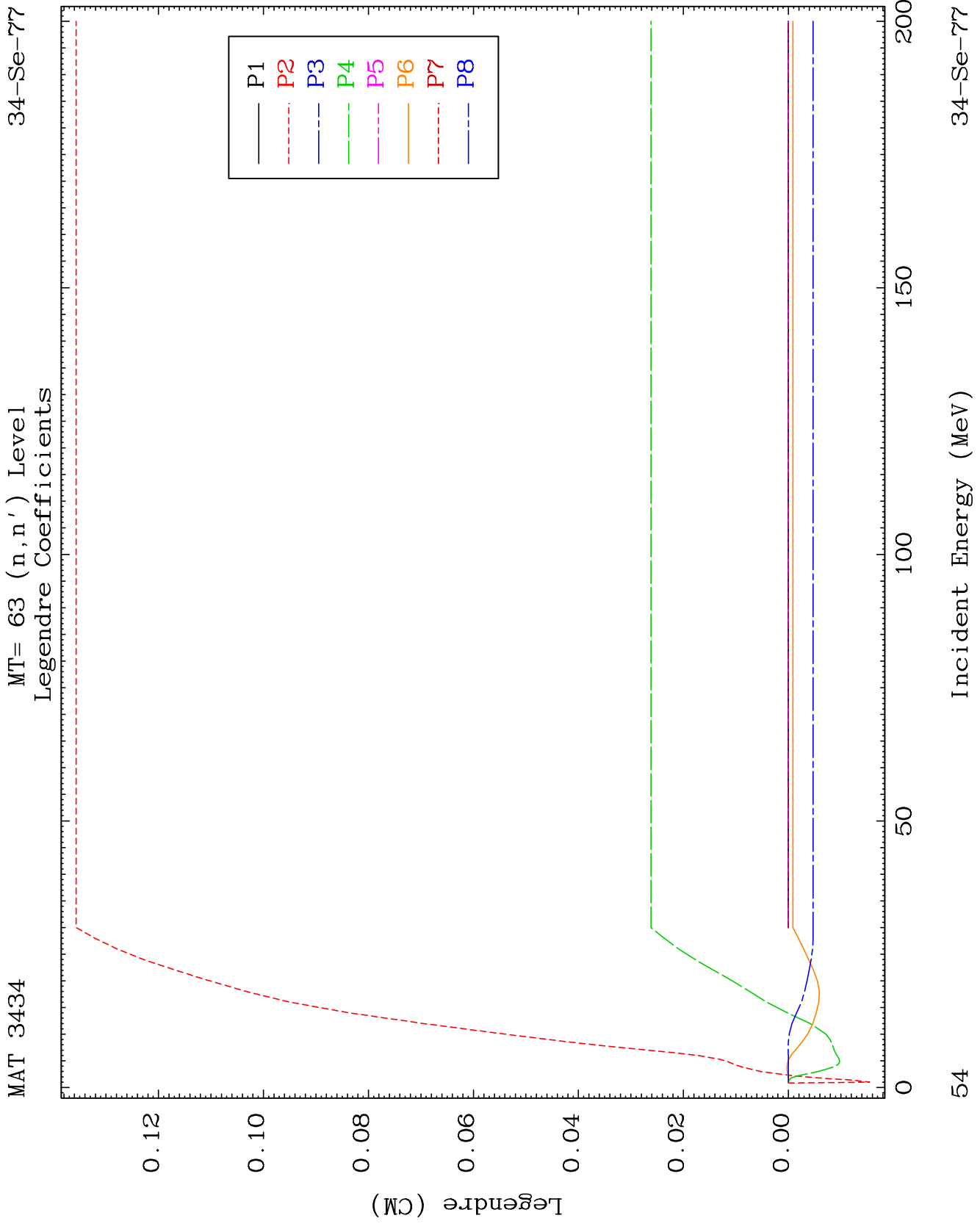


<sup>34</sup>Se-77

Incident Energy (MeV)

52

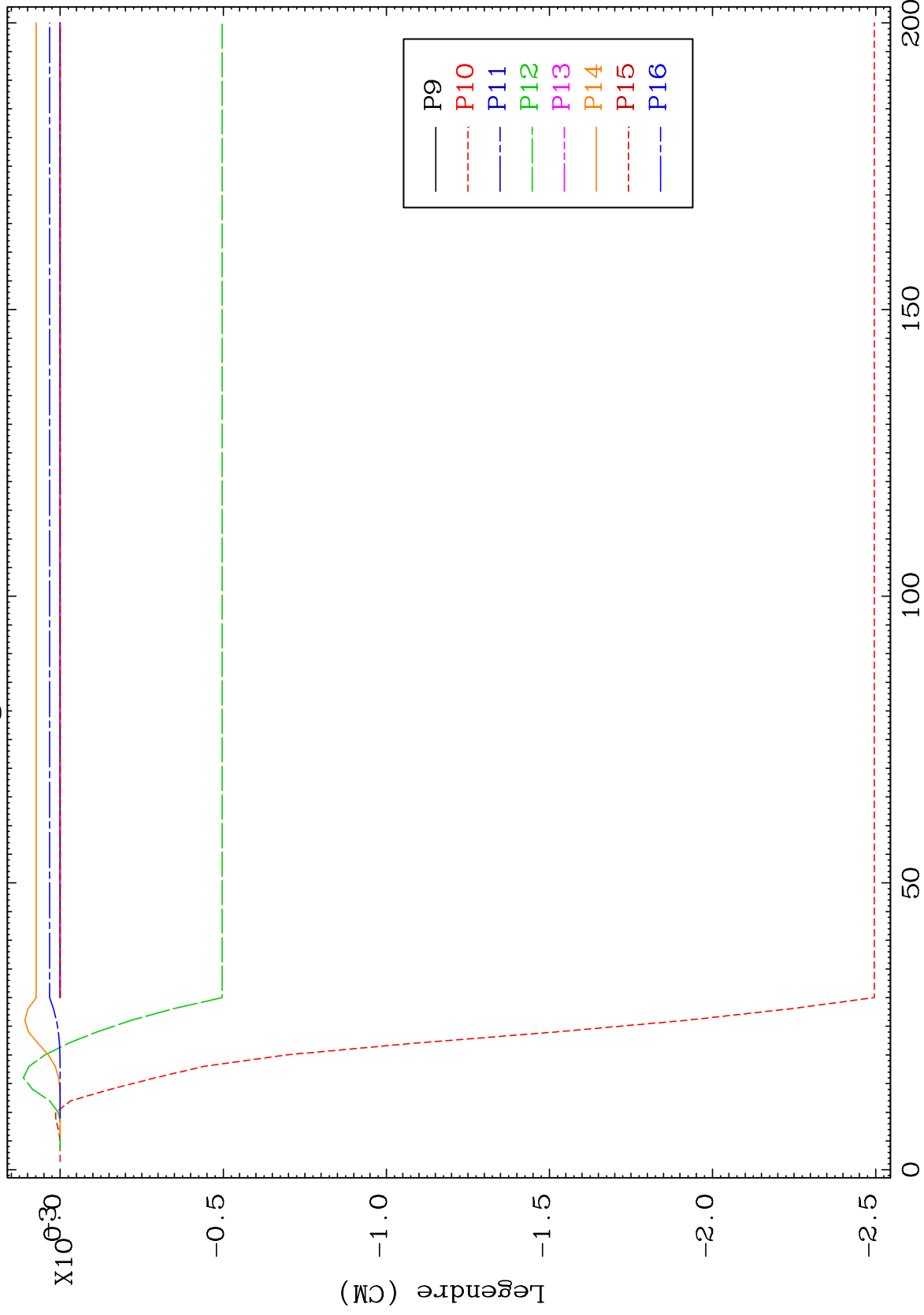




MAT 3434

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

34-Se-77

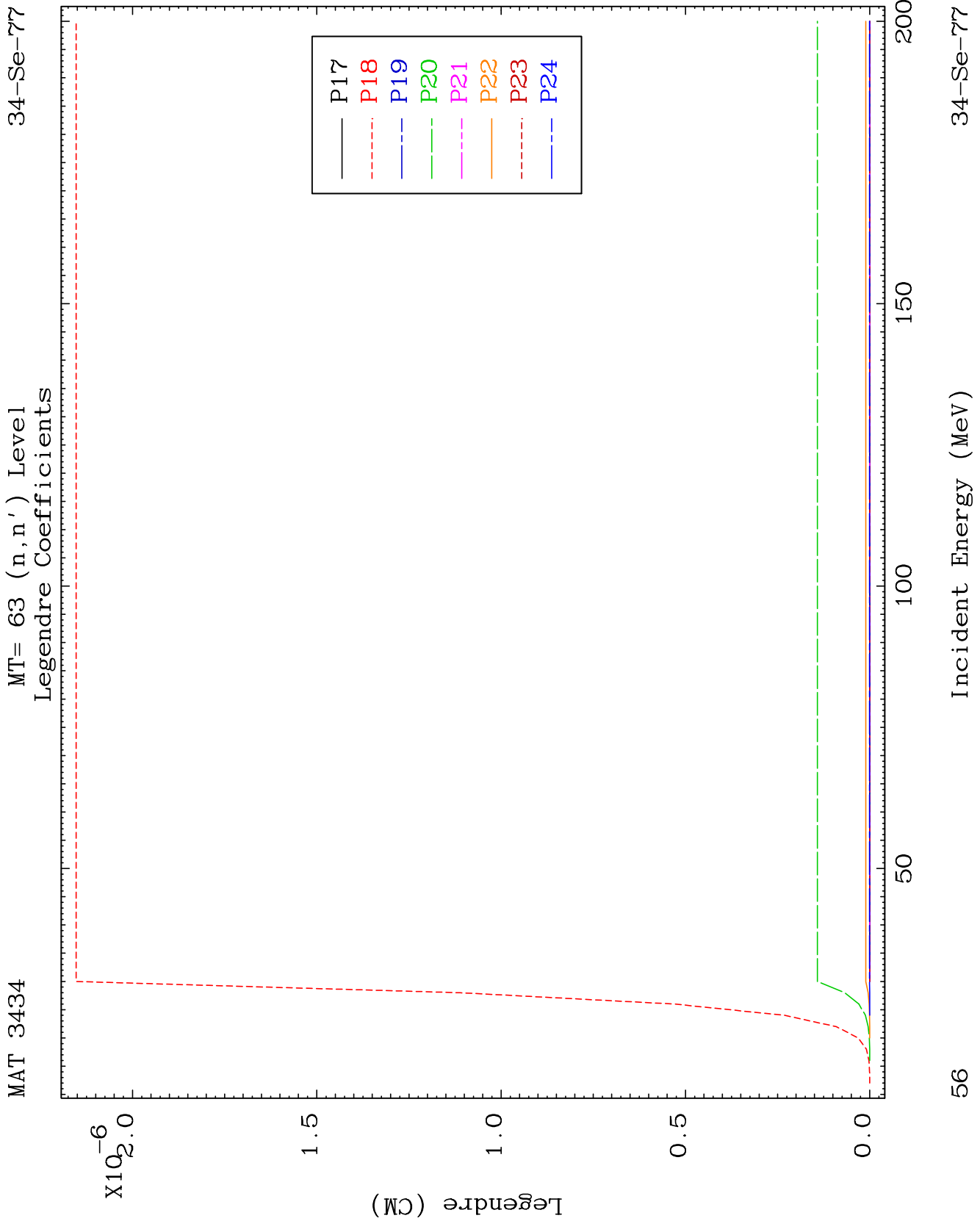


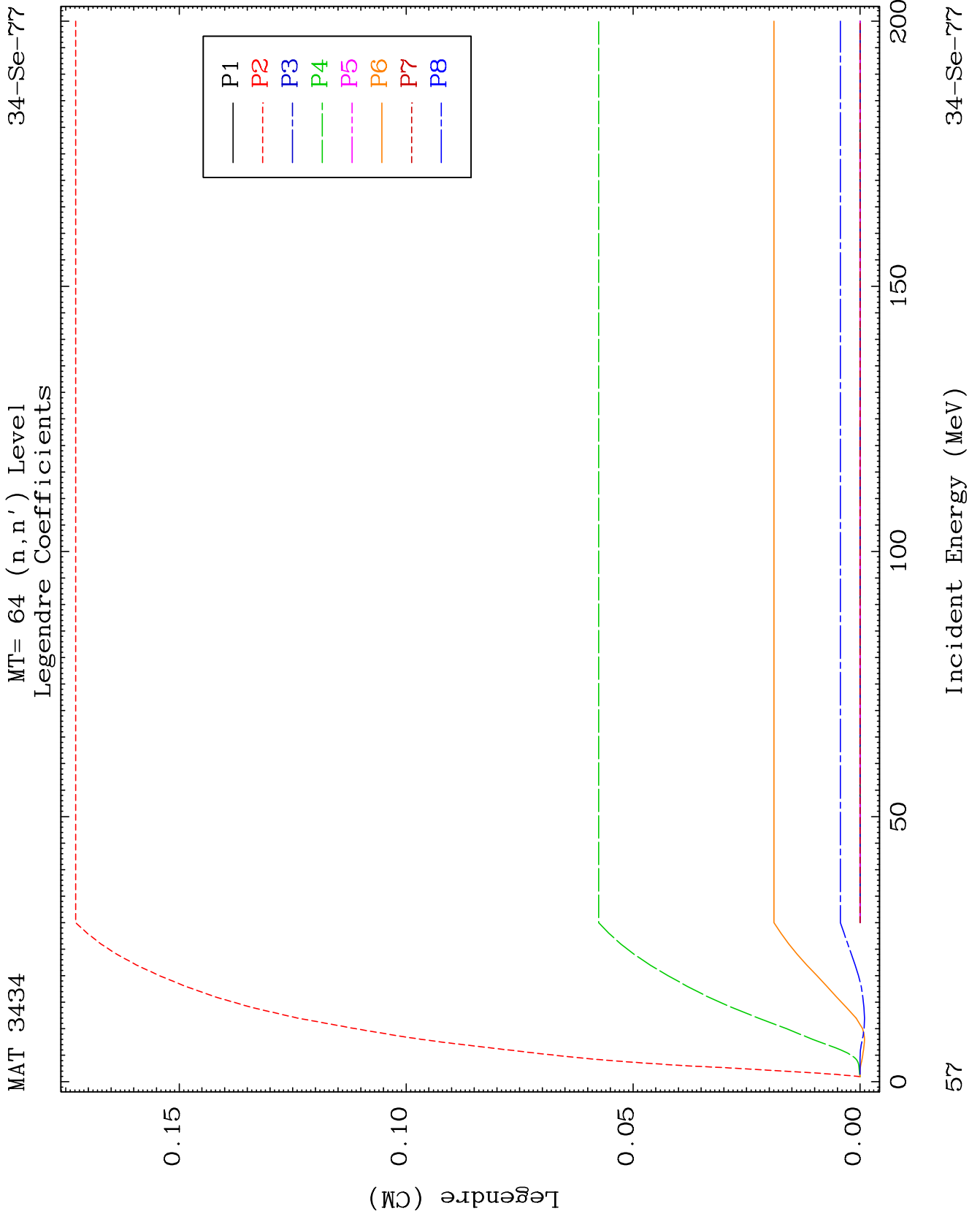
55

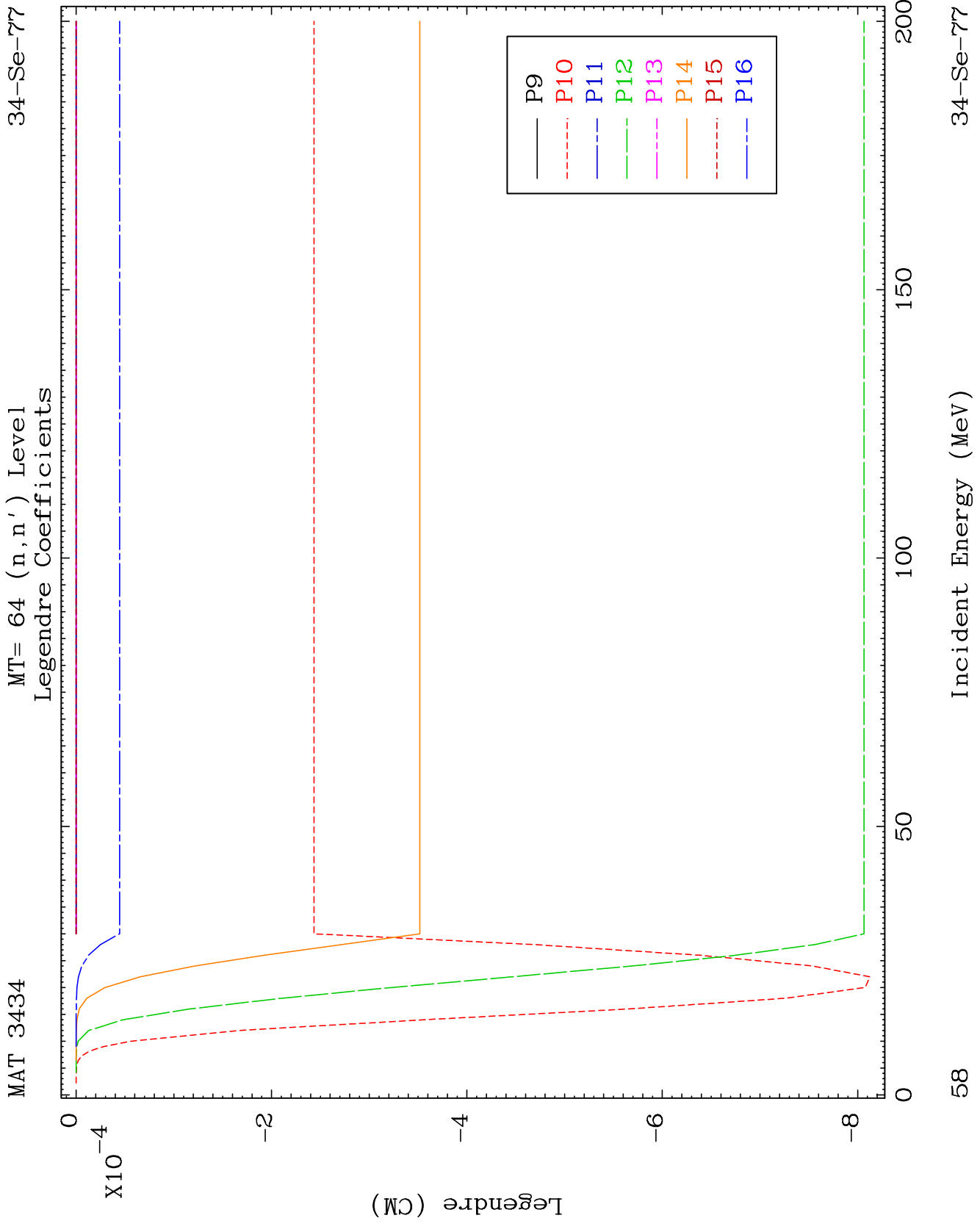
Incident Energy (MeV)

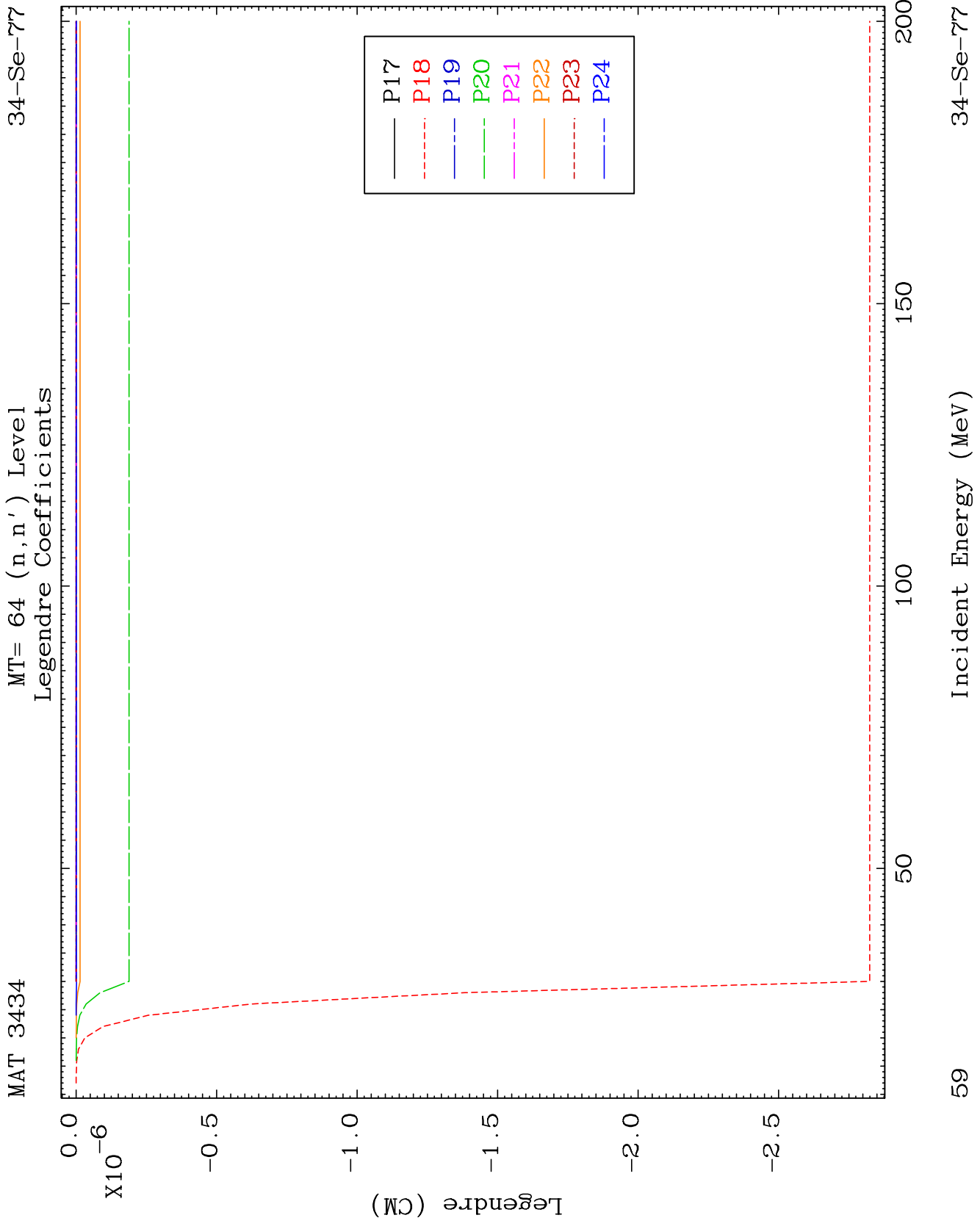
34-Se-77









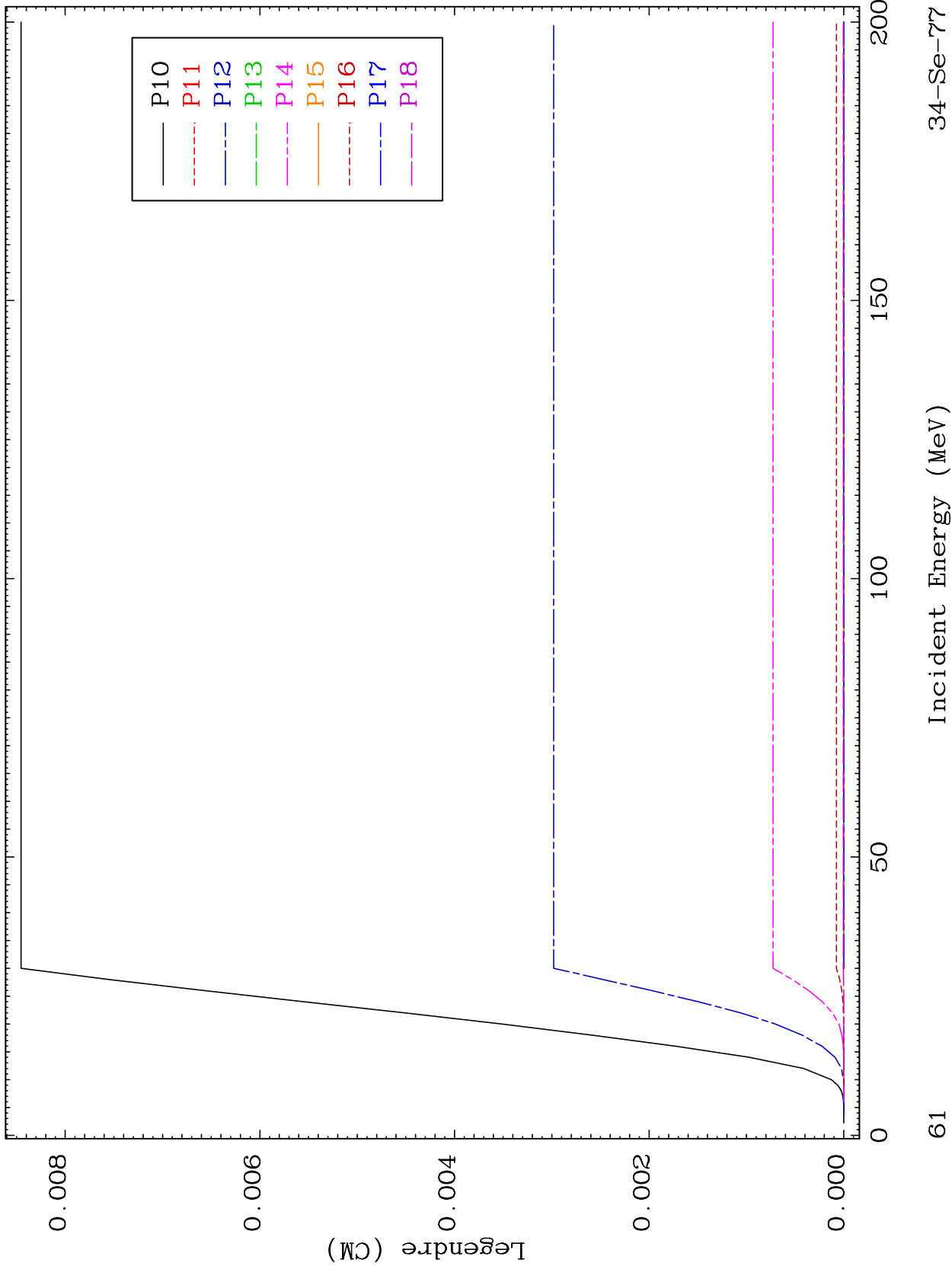




MAT 3434

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

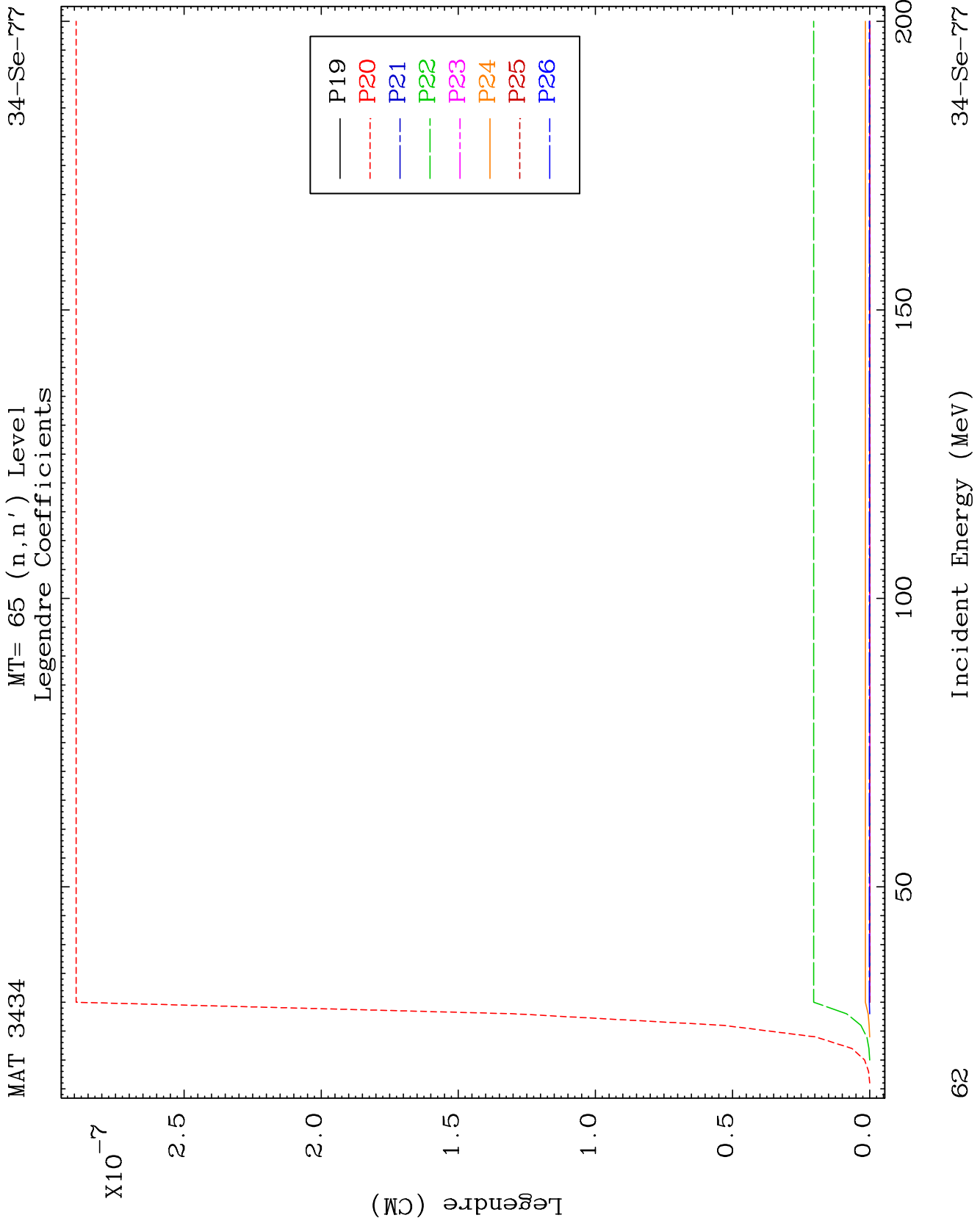
34-Se-77



61

Incident Energy (MeV)

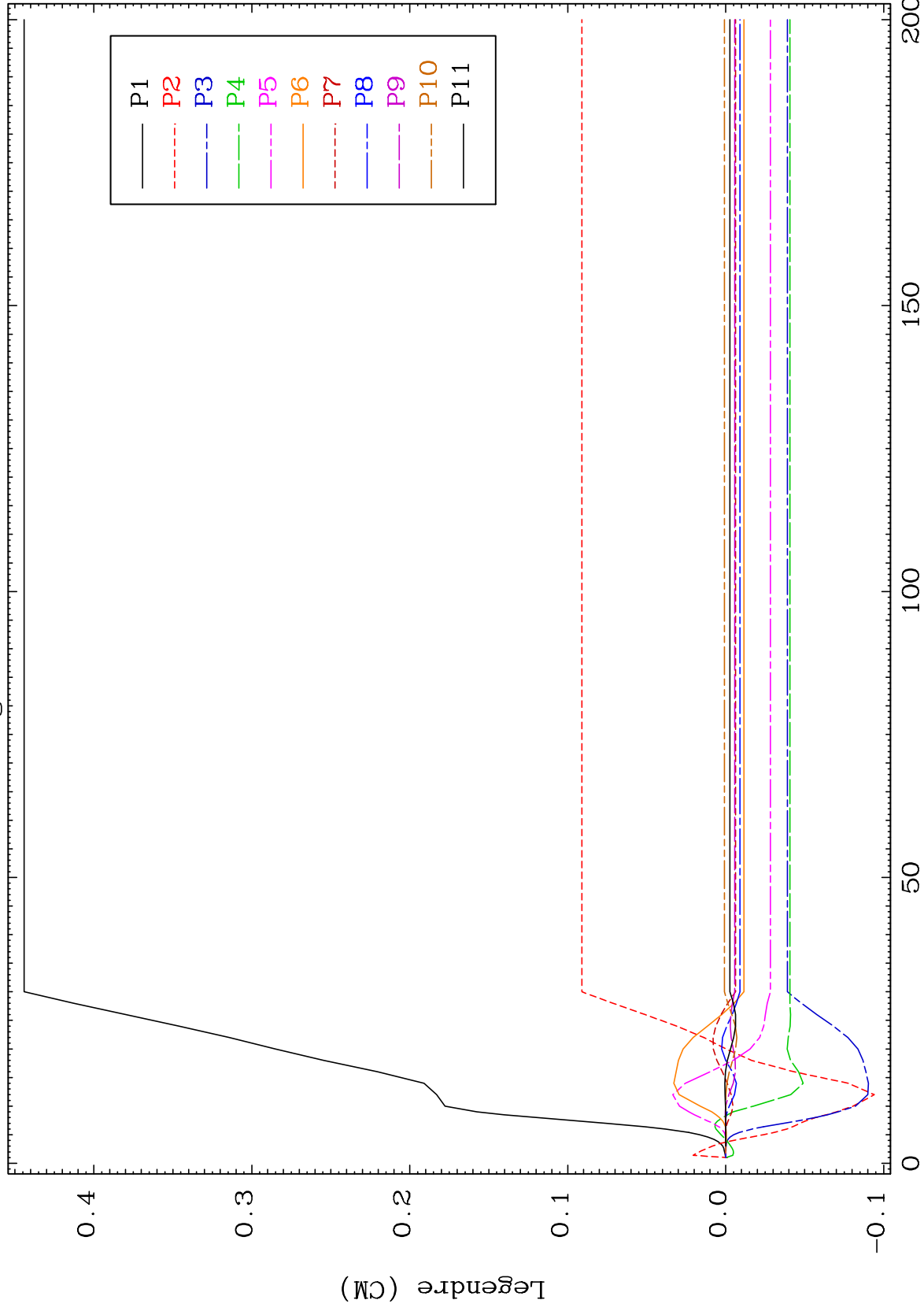
34-Se-77



MAT 3434

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

34-Se-77



63

Incident Energy (MeV)

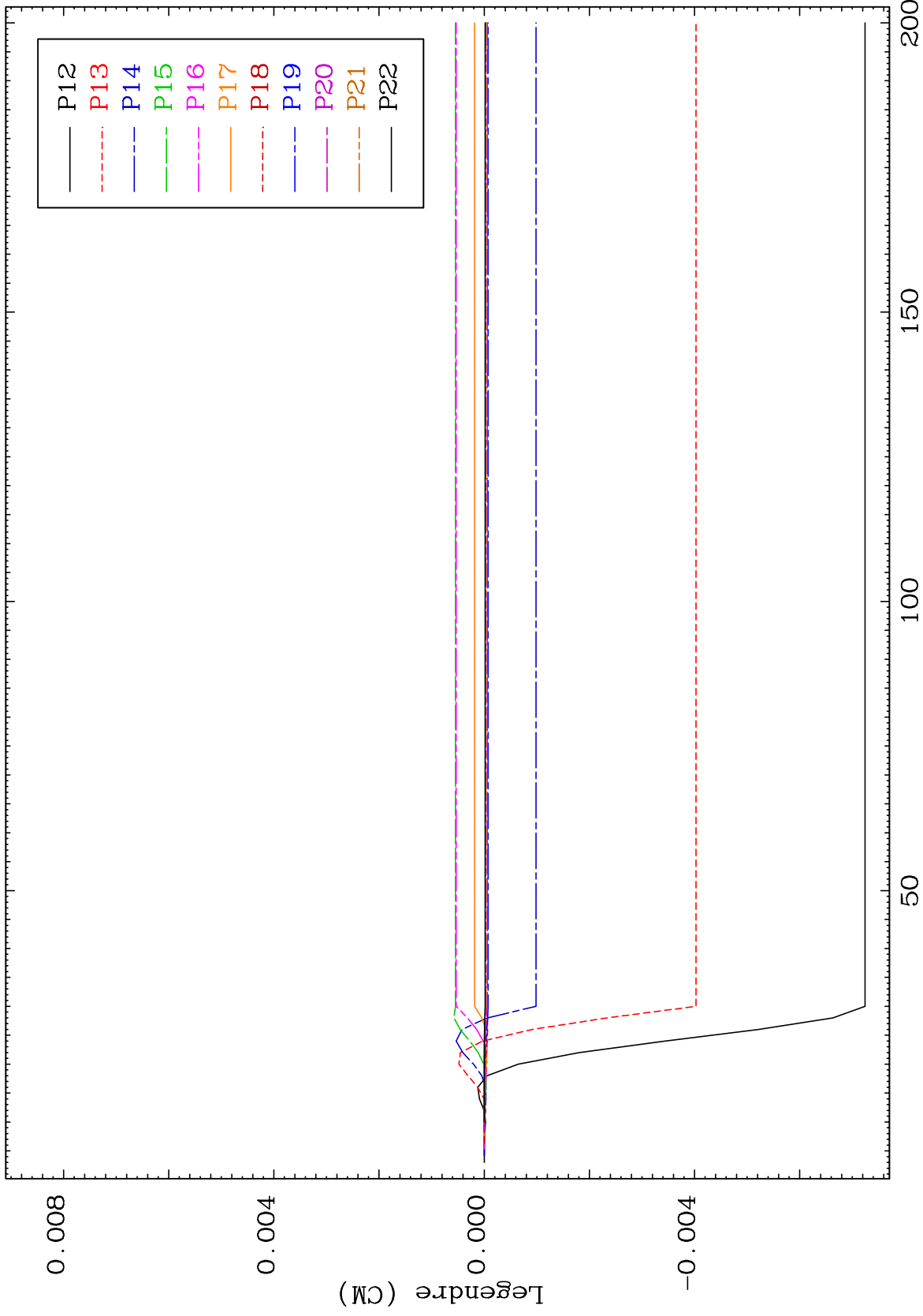
34-Se-77



MAT 3434

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

34-Se-77



64

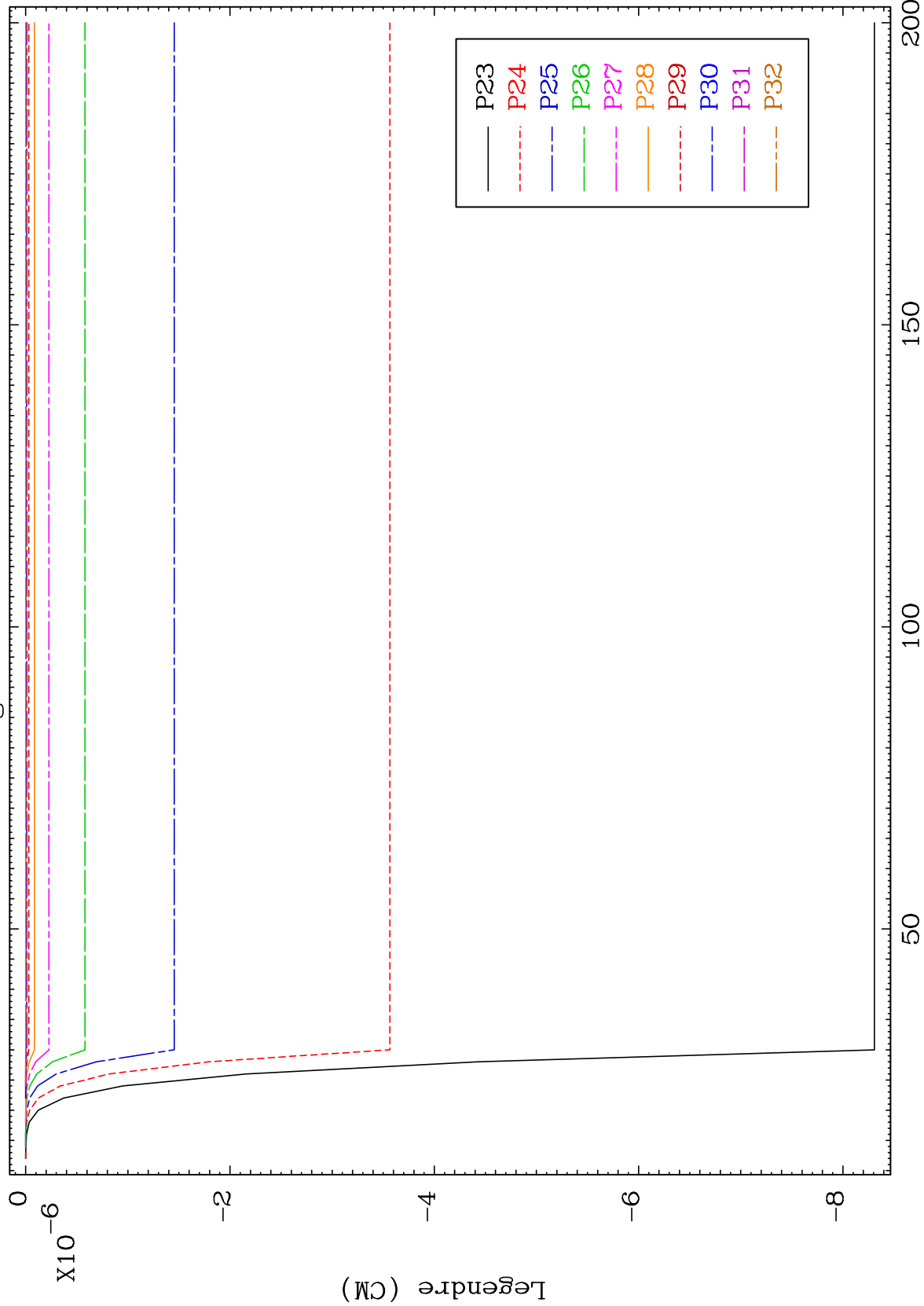
Incident Energy (MeV)

34-Se-77

MAT 3434

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

34-Se-77



65

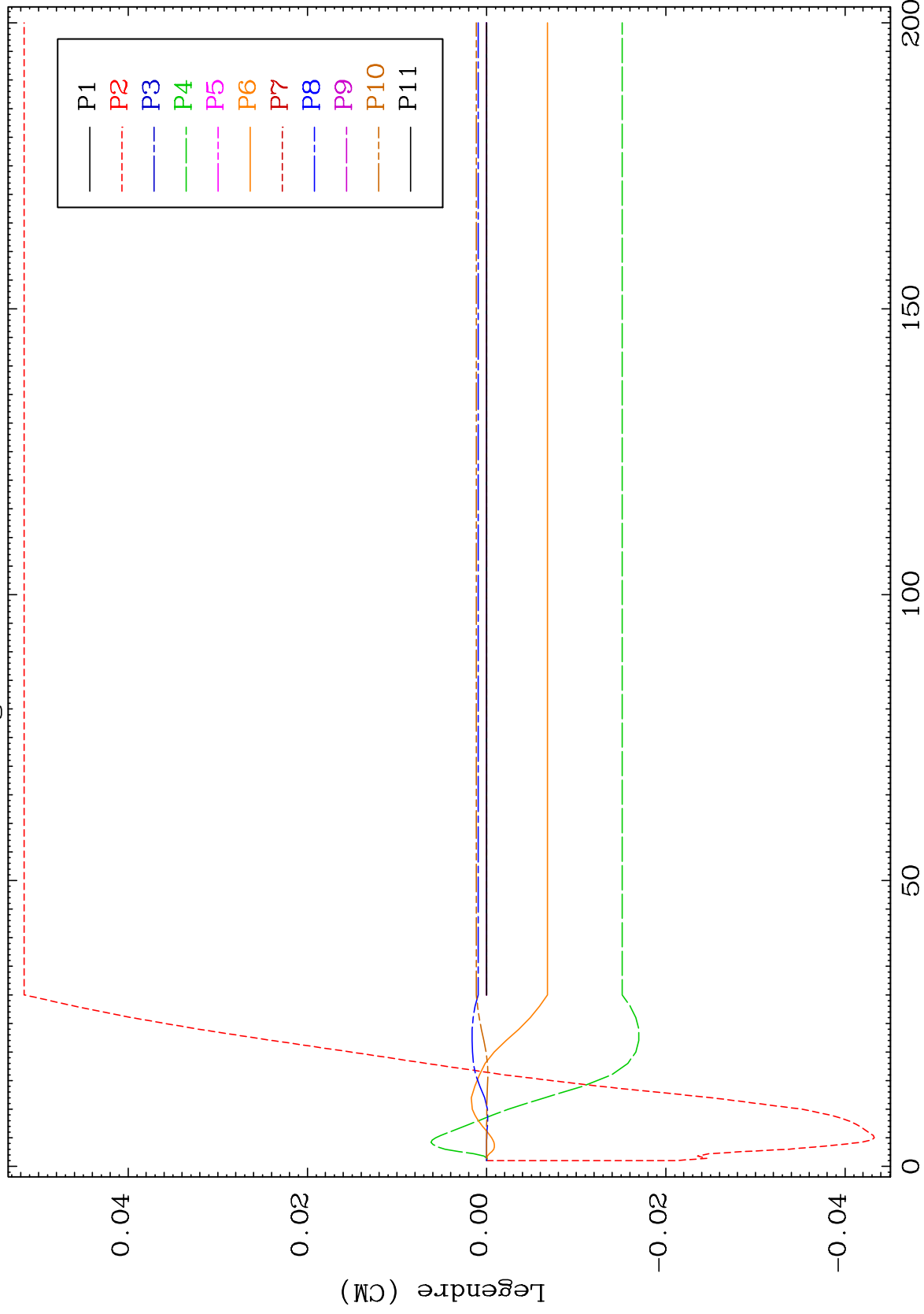
Incident Energy (MeV)

34-Se-77

MAT 3434

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

<sup>34</sup>Se-77



66

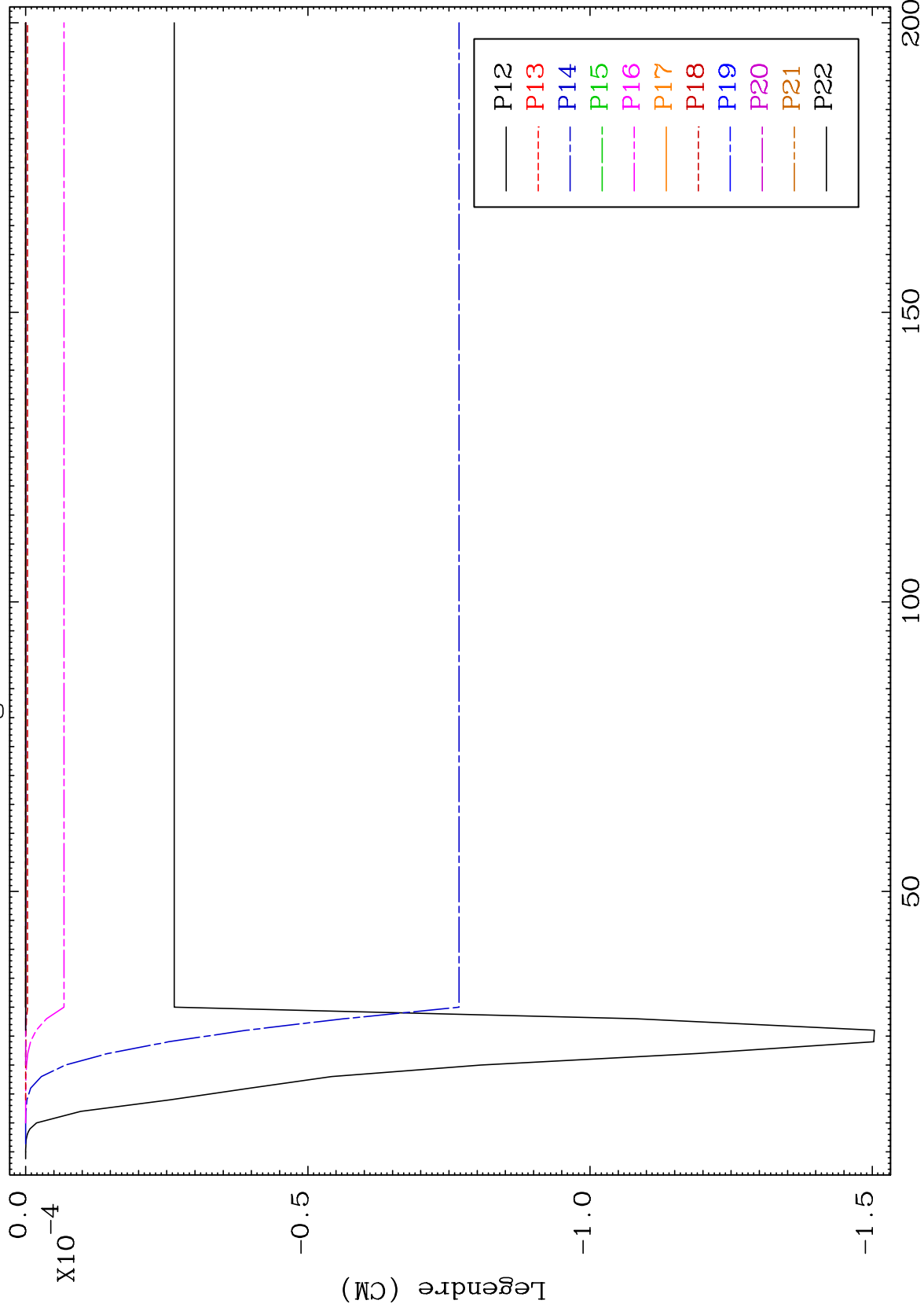
Incident Energy (MeV)

<sup>34</sup>Se-77

MAT 3434

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

34-Se-77



34-Se-77

Incident Energy (MeV)

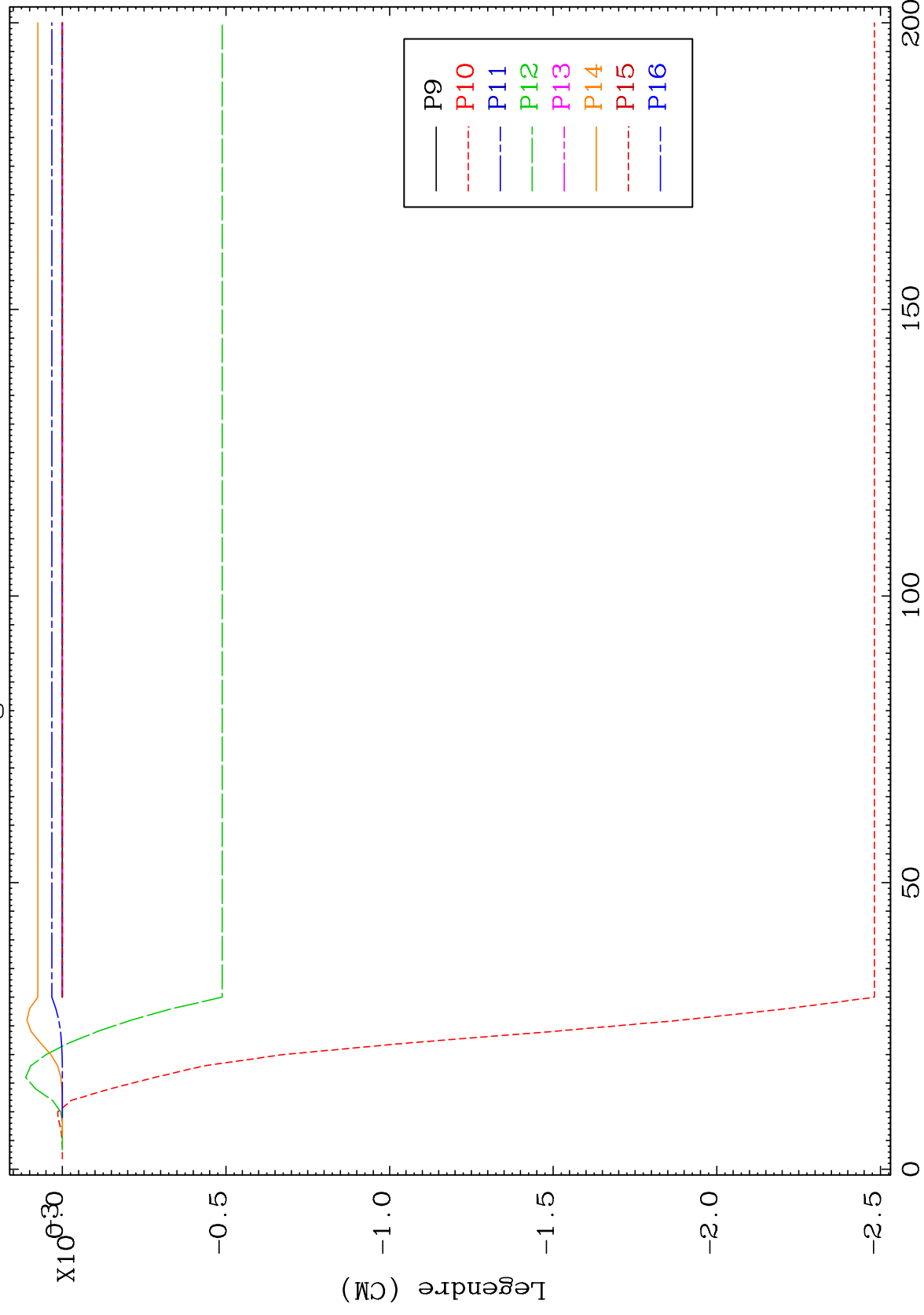
67



MAT 3434

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

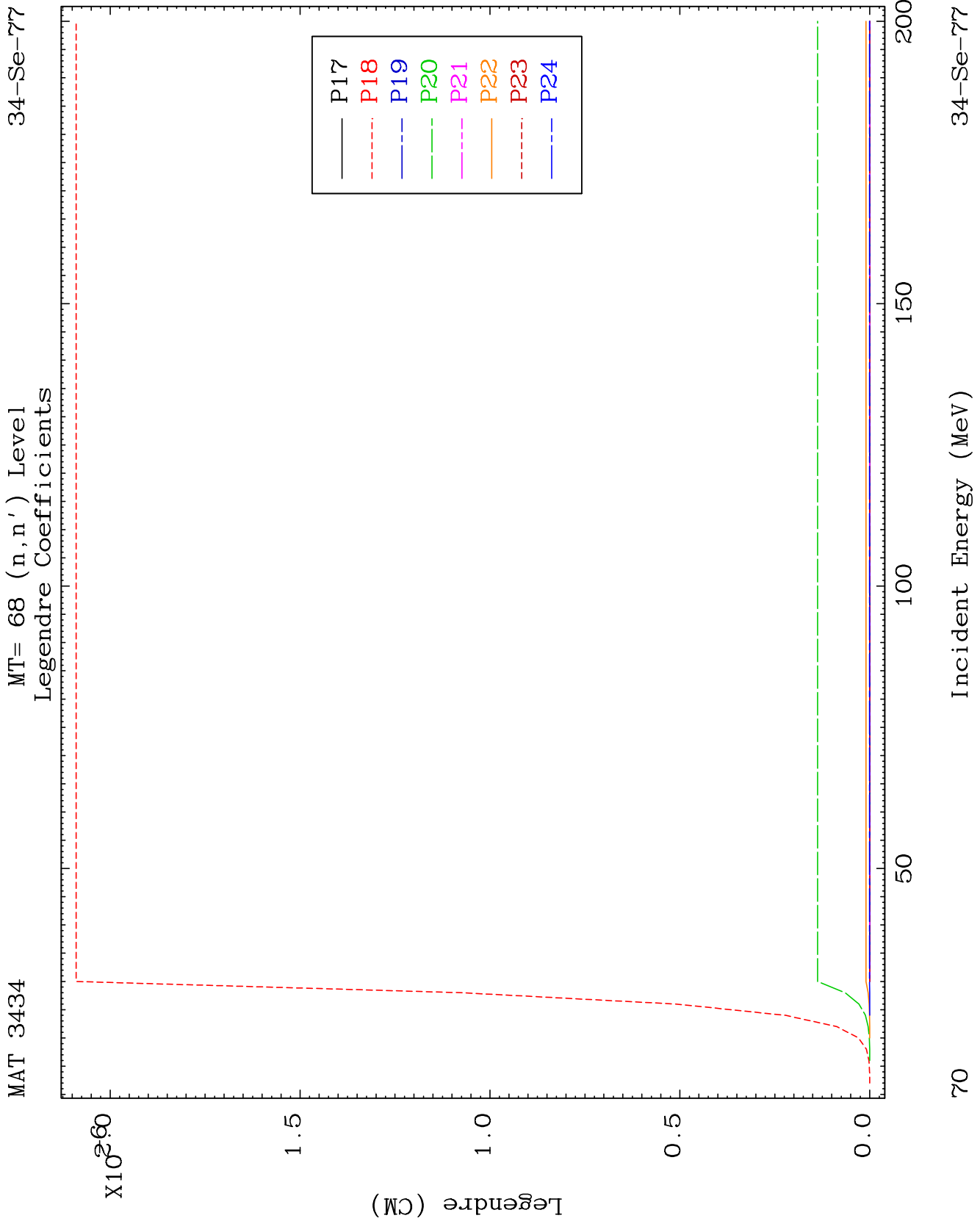
34-Se-77

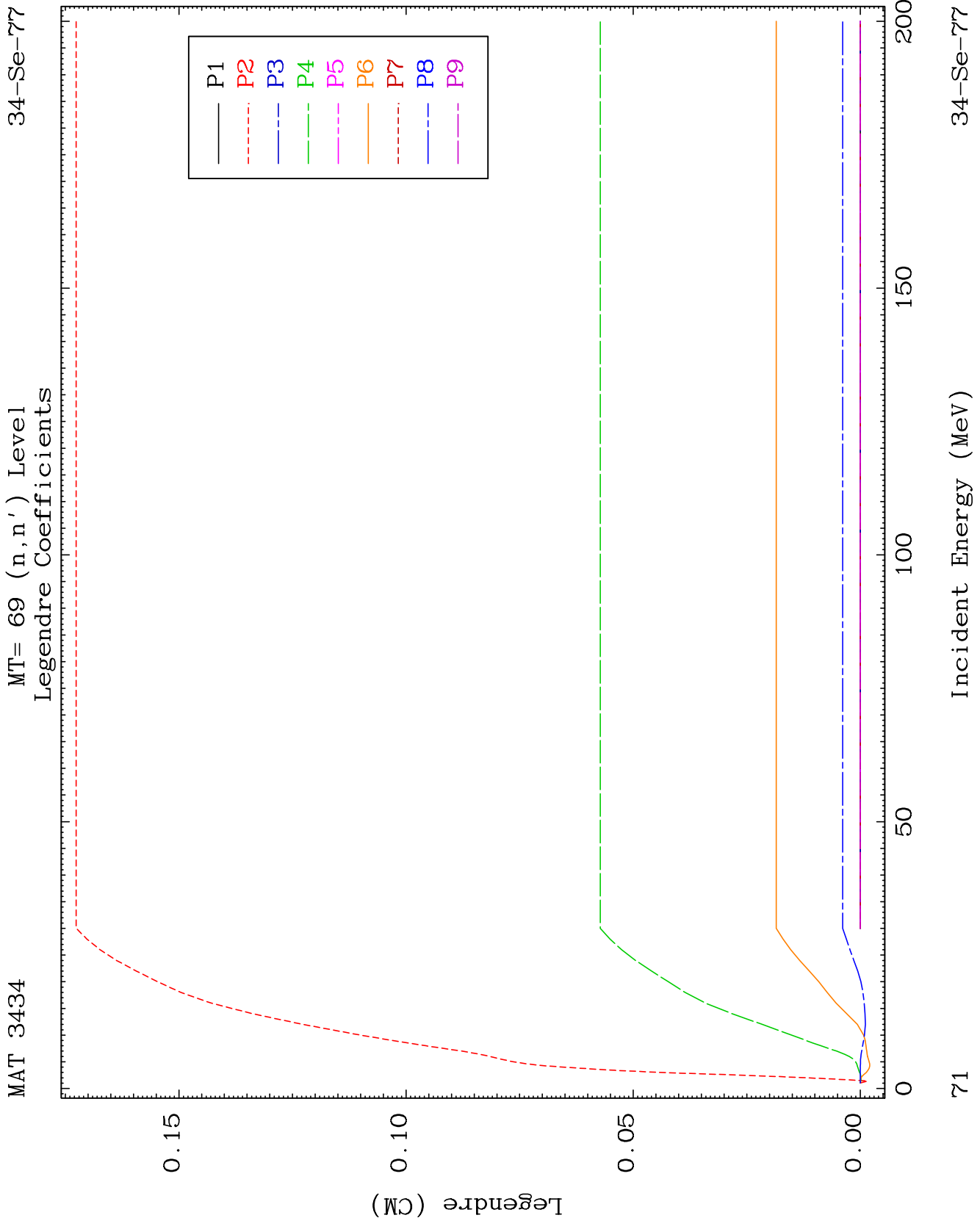


69

Incident Energy (MeV)

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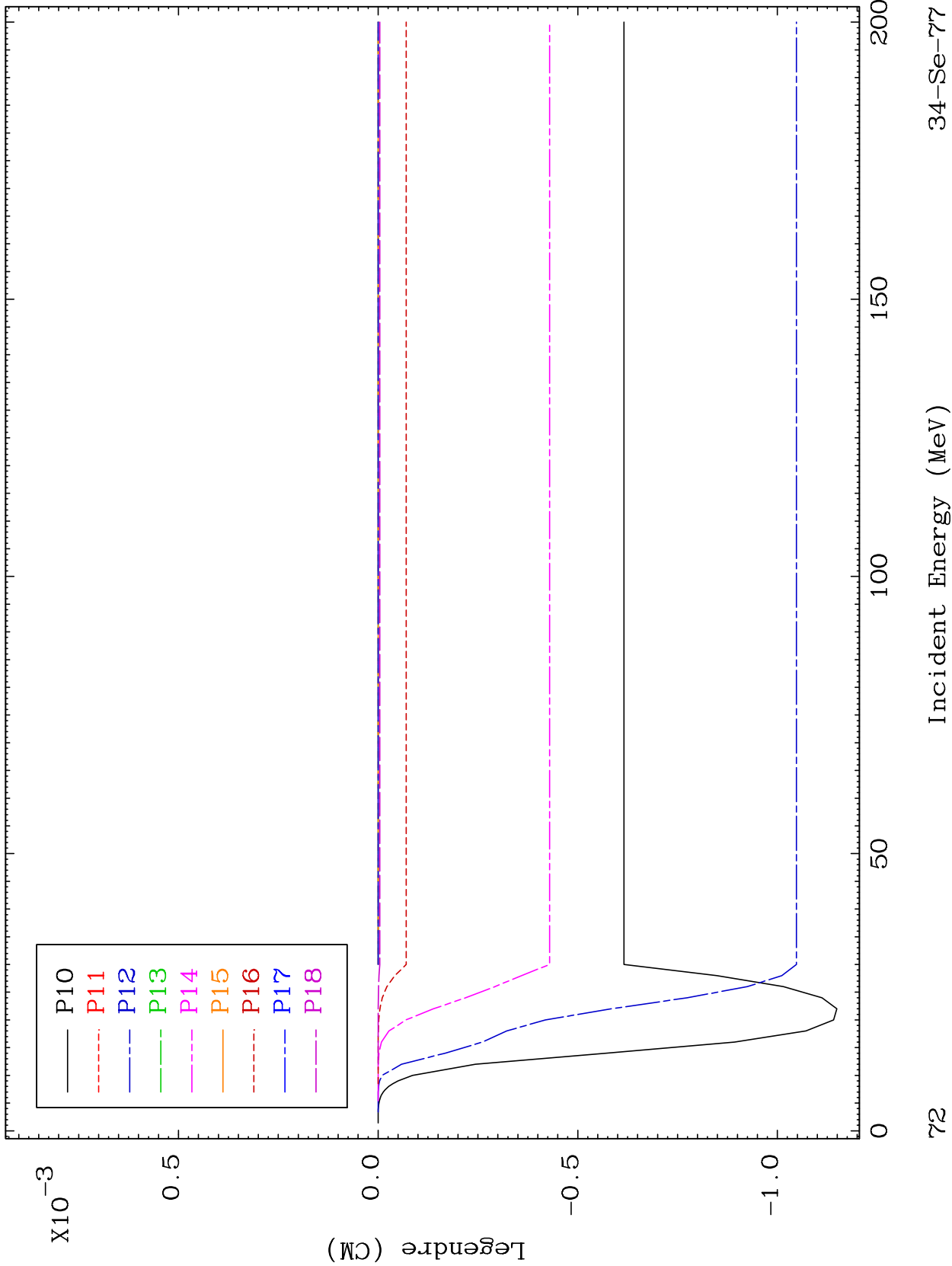




MAT 3434

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

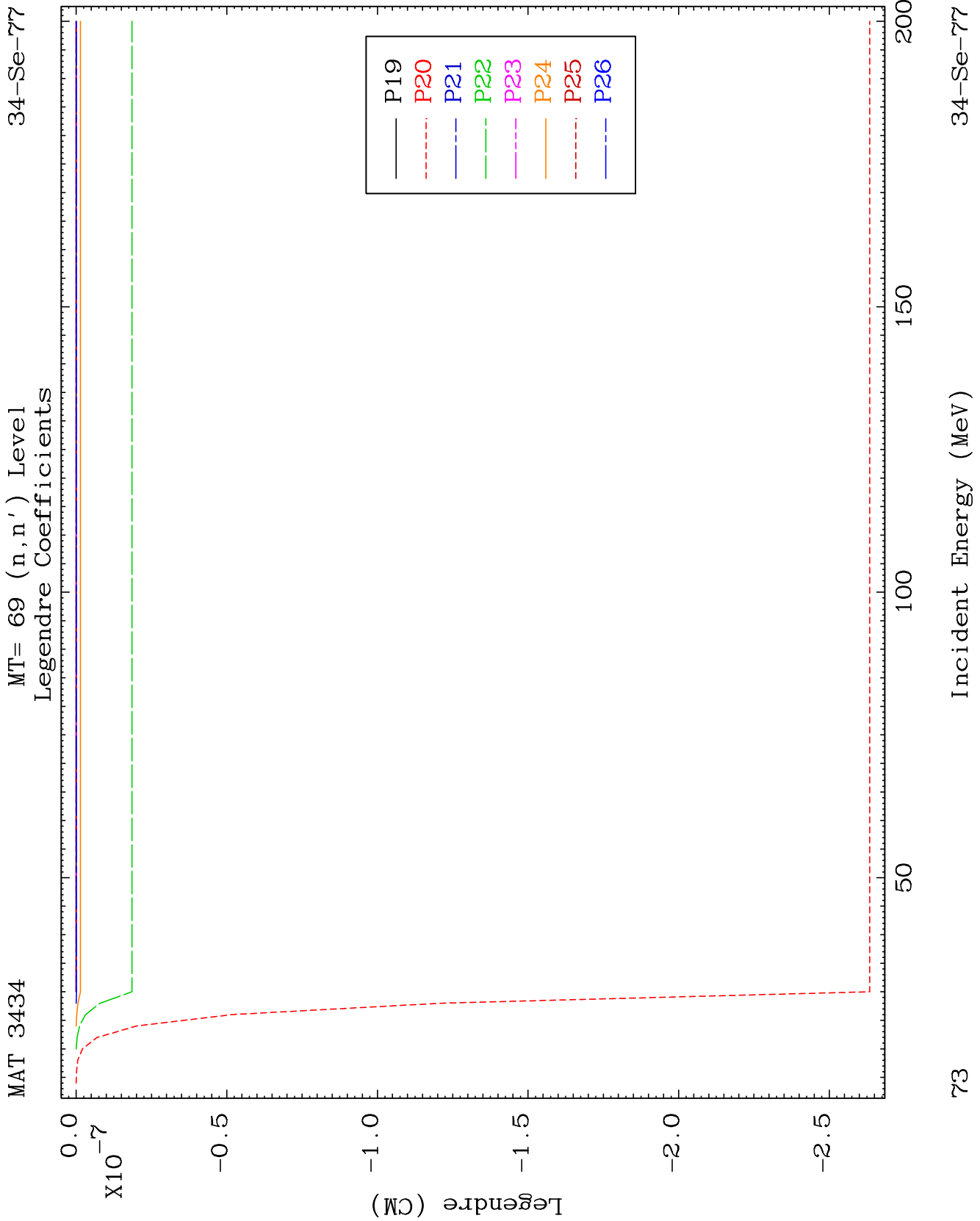
34-Se-77



34-Se-77

Incident Energy (MeV)

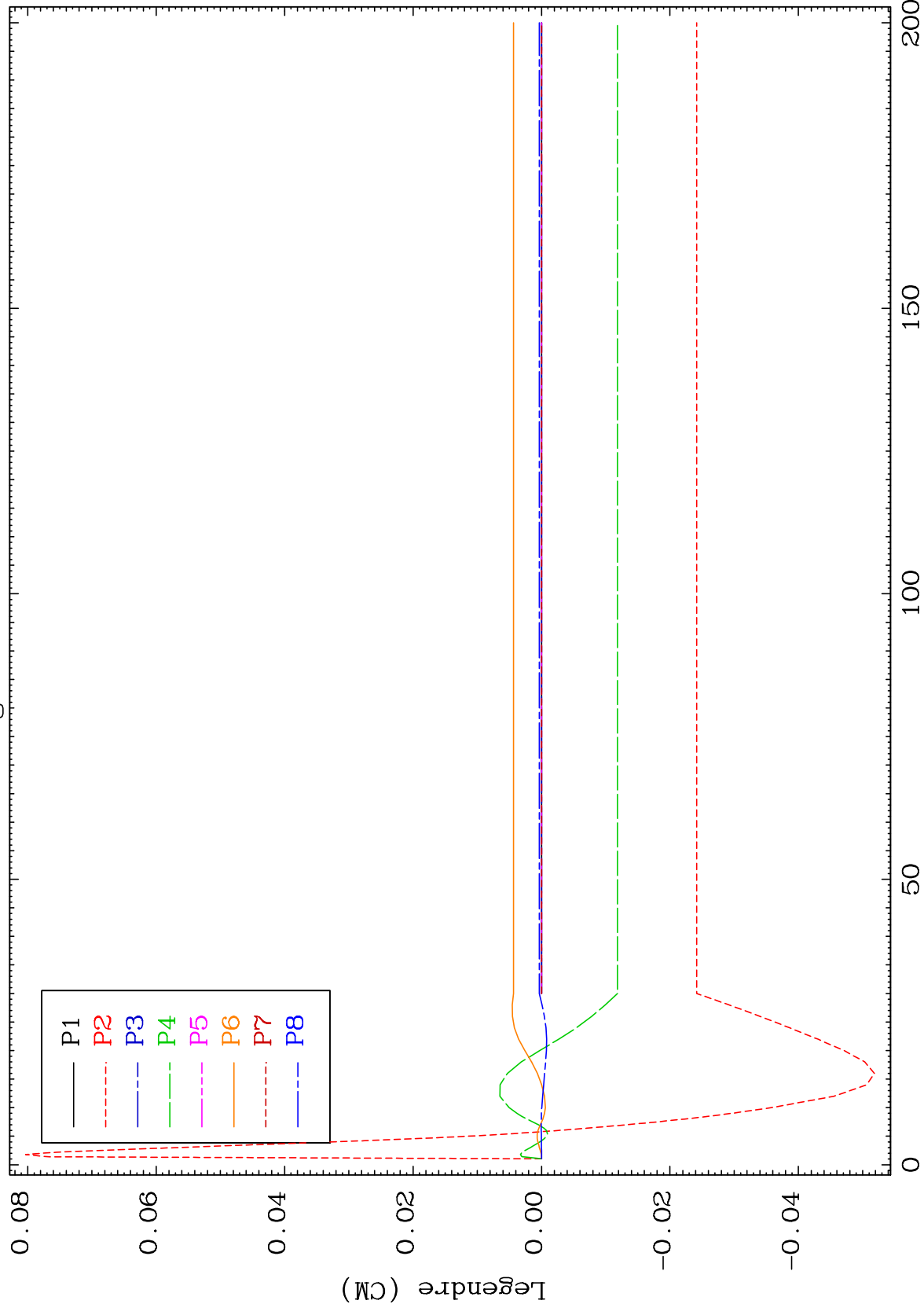
72



MAT 3434

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

<sup>34</sup>Se-77



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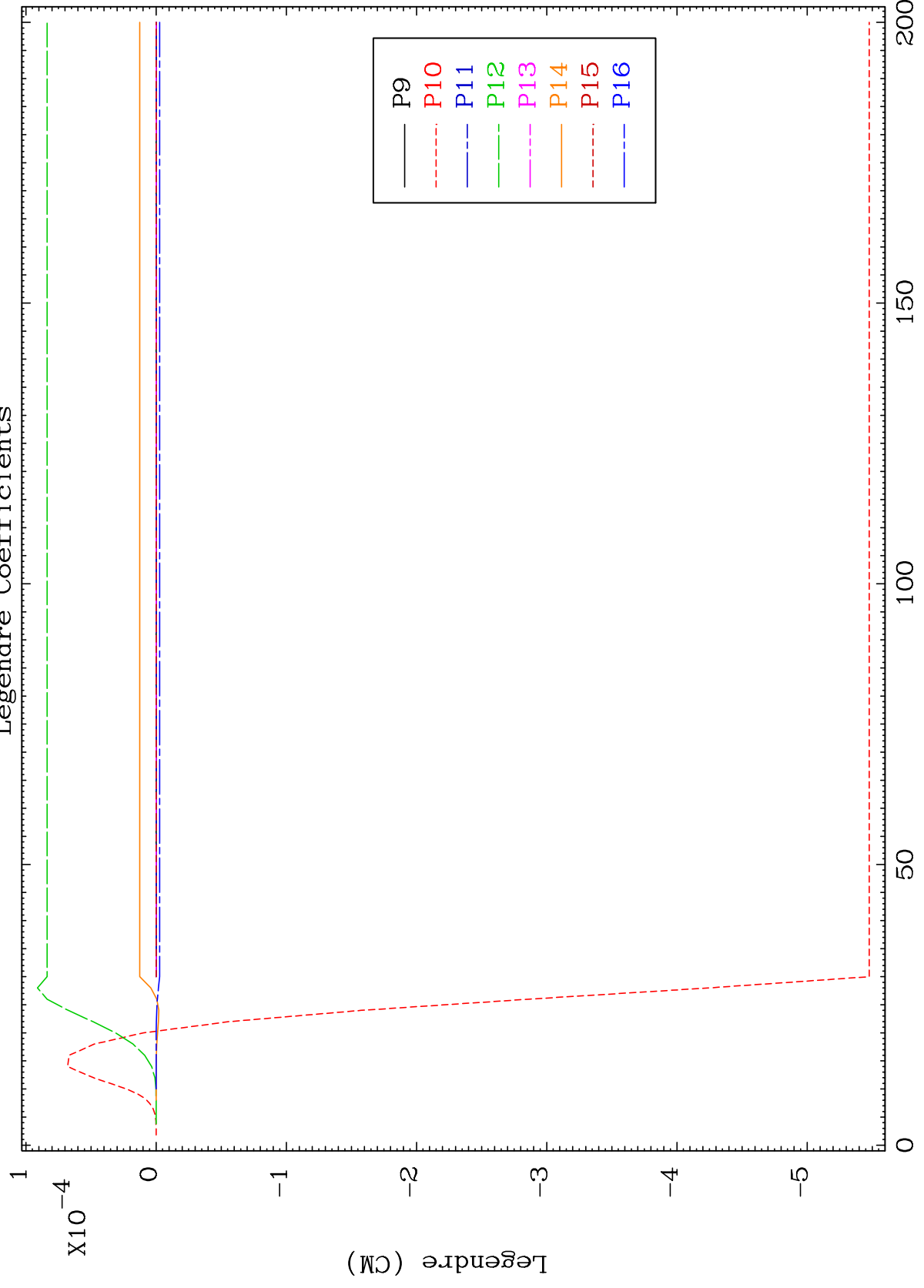
Incident Energy (MeV)

<sup>34</sup>Se-77

MAT 3434

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

34-Se-77



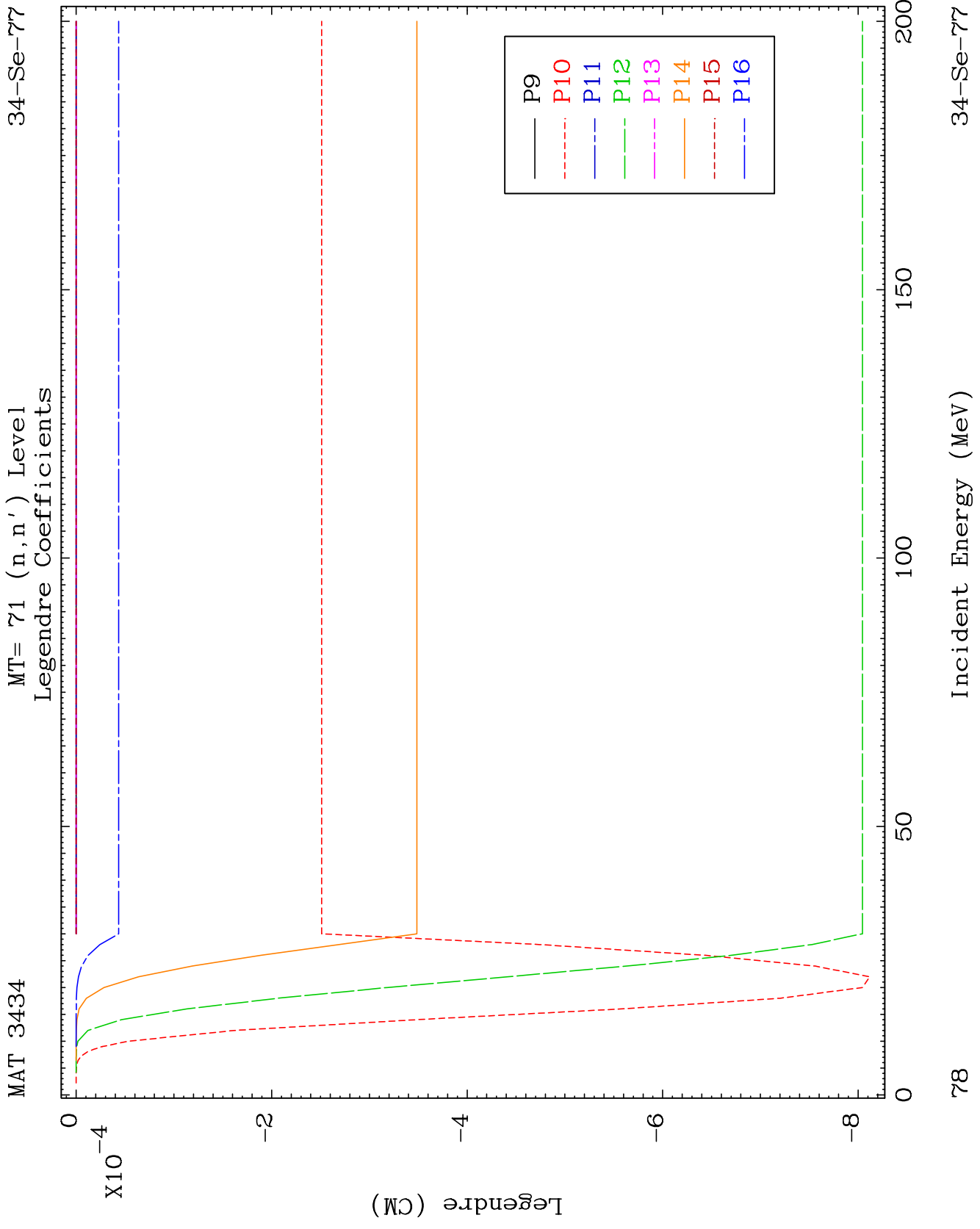
75

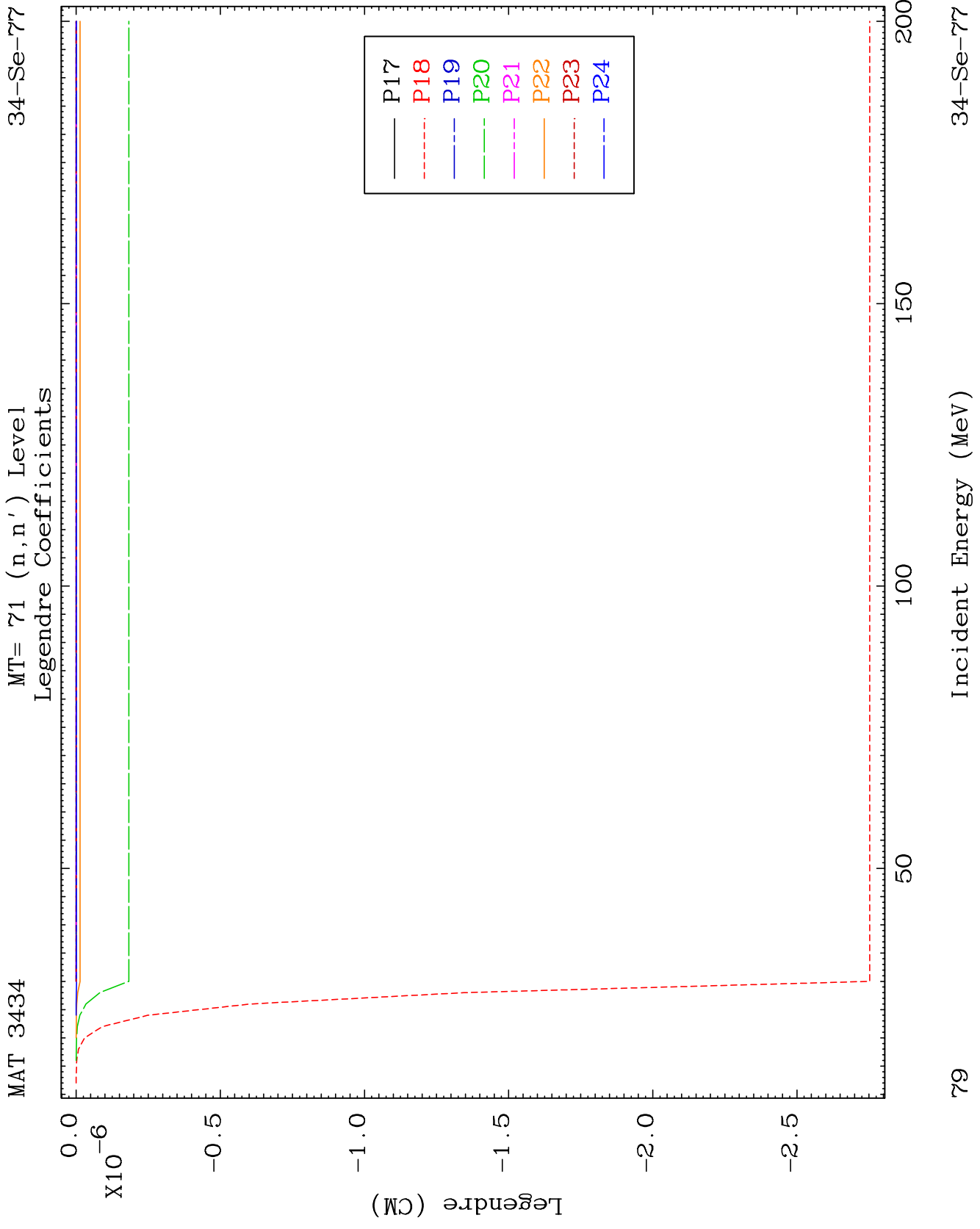
Incident Energy (MeV)

34-Se-77







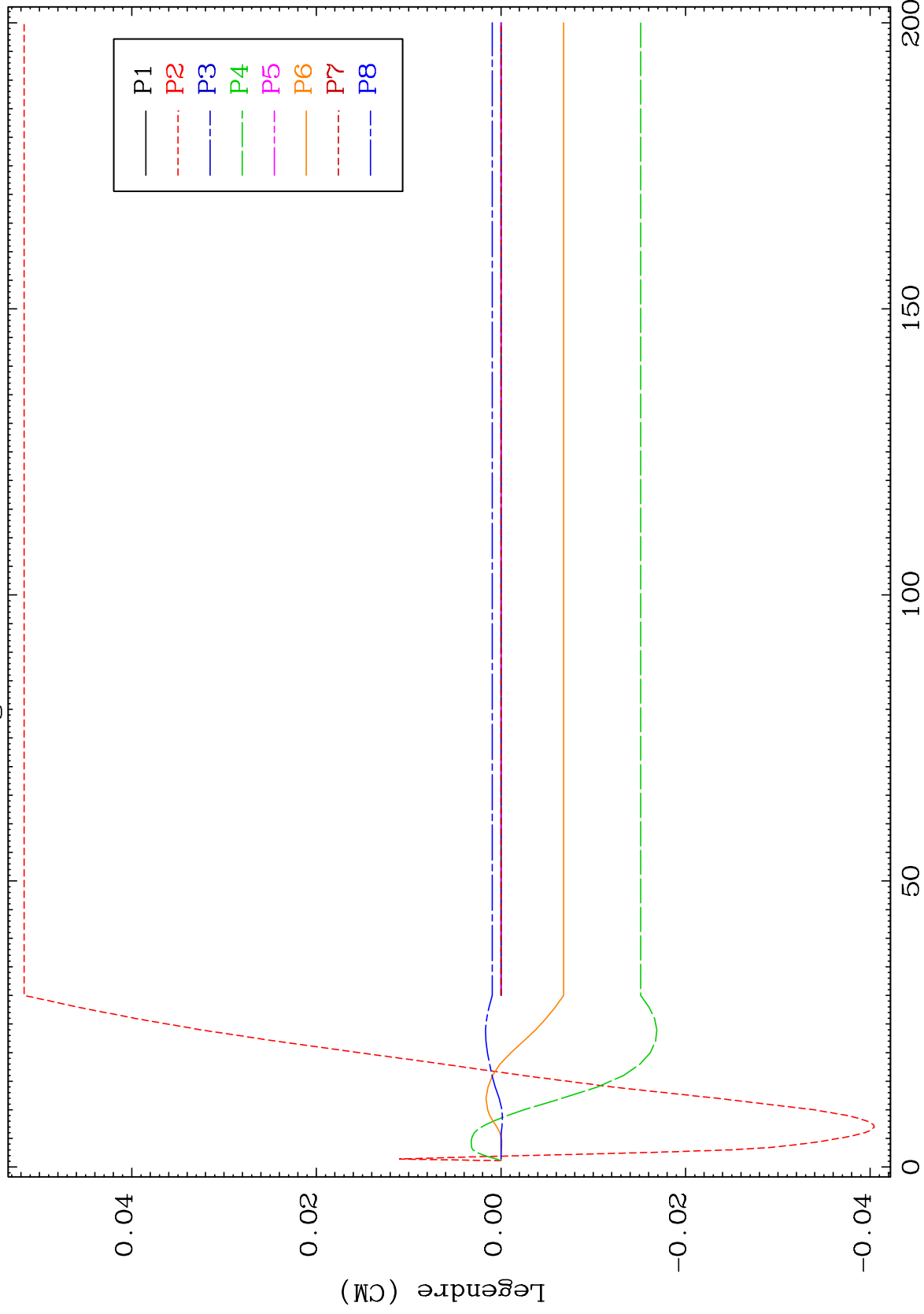




MAT 3434

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

<sup>34</sup>Se-77

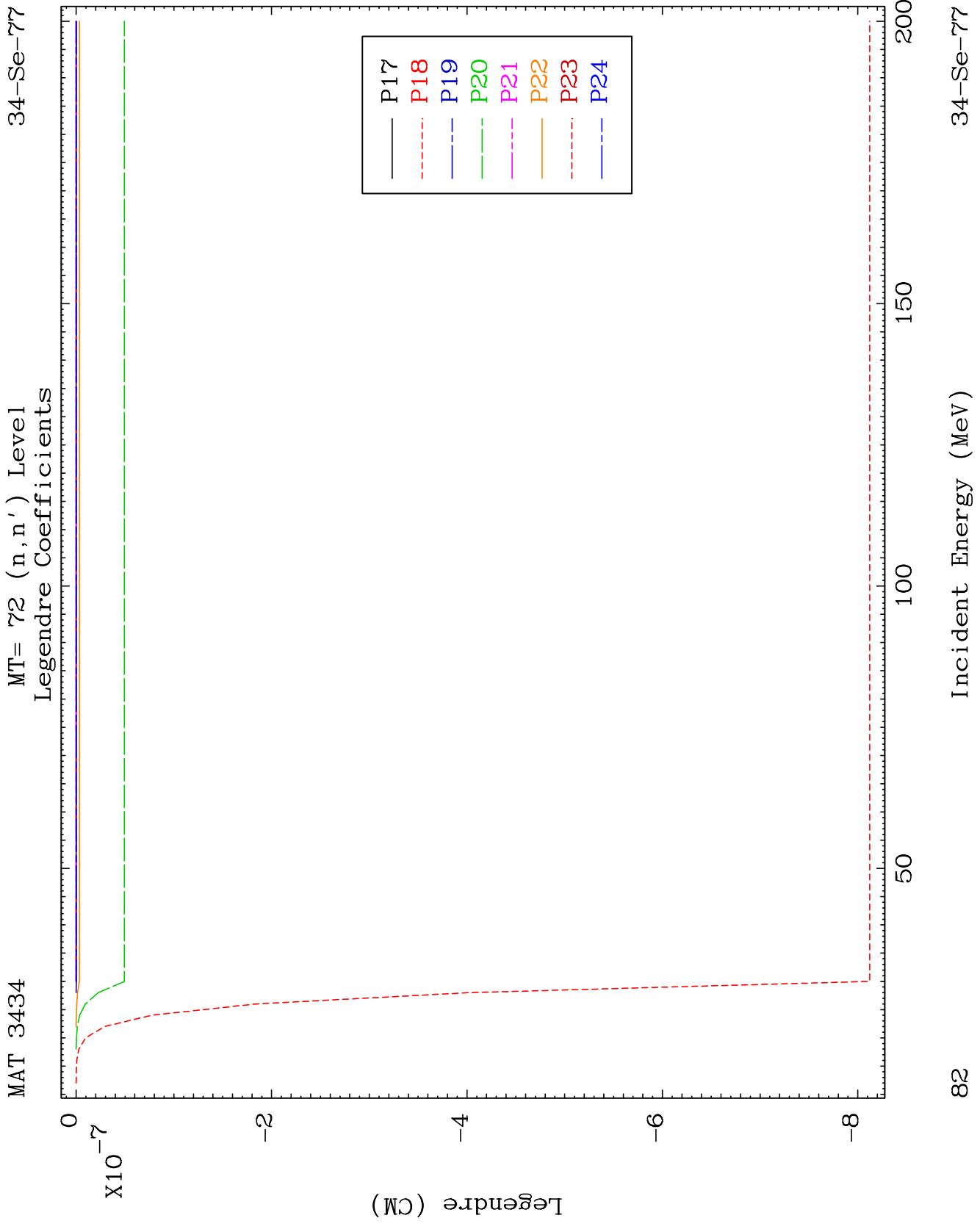


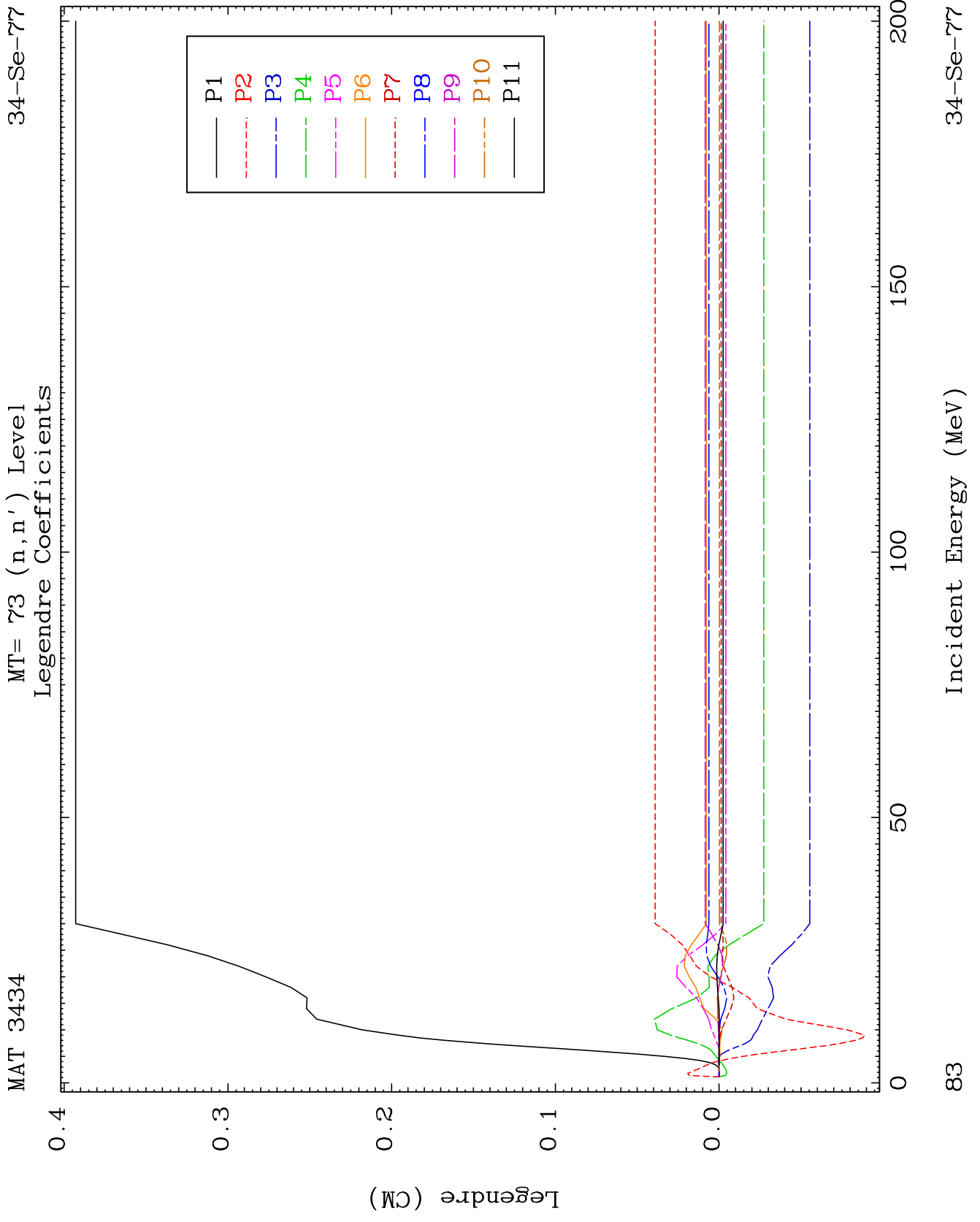
<sup>34</sup>Se-77

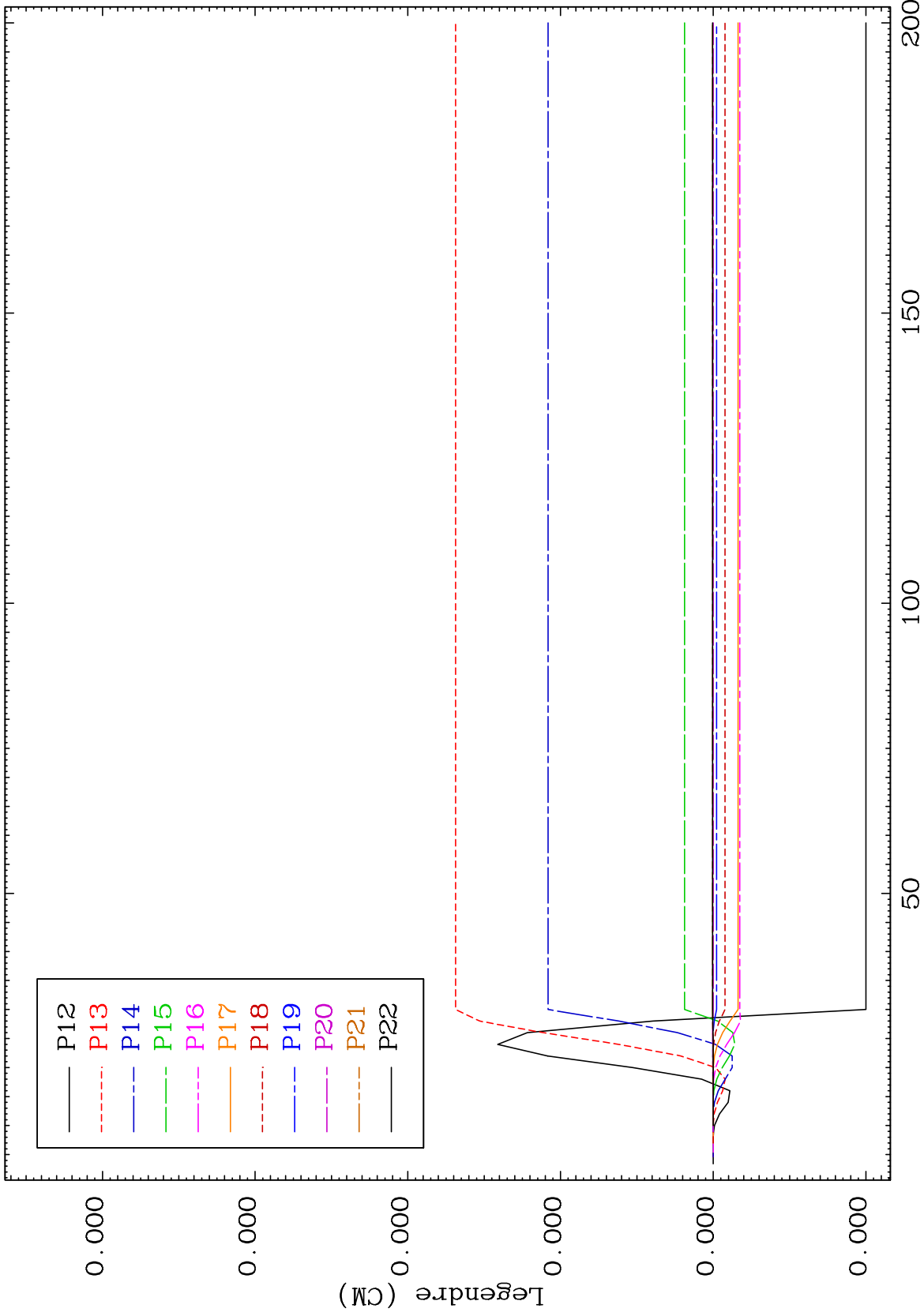
Incident Energy (MeV)

80





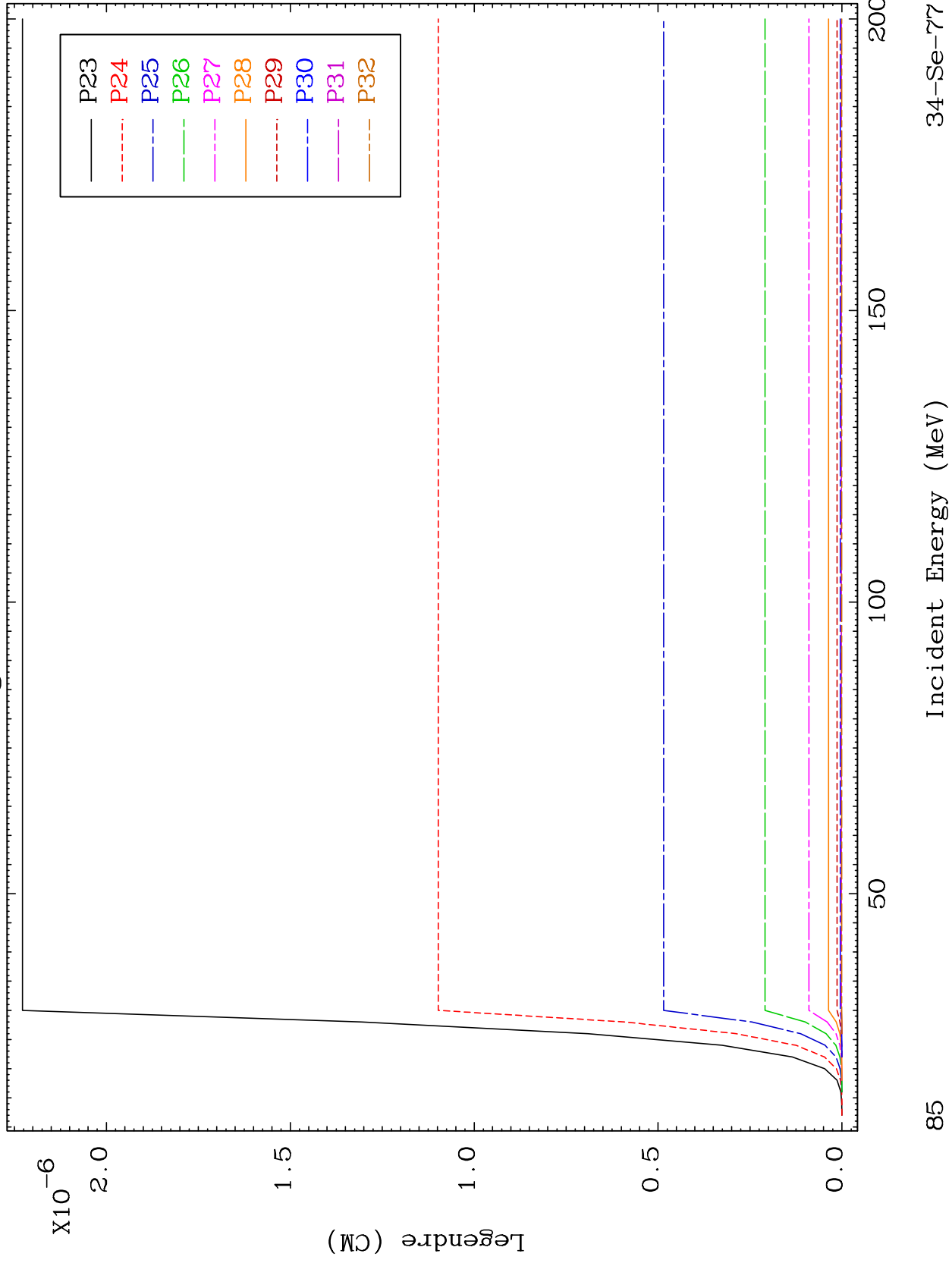




MAT 3434

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

<sup>34</sup>Se-77



85

Incident Energy (MeV)

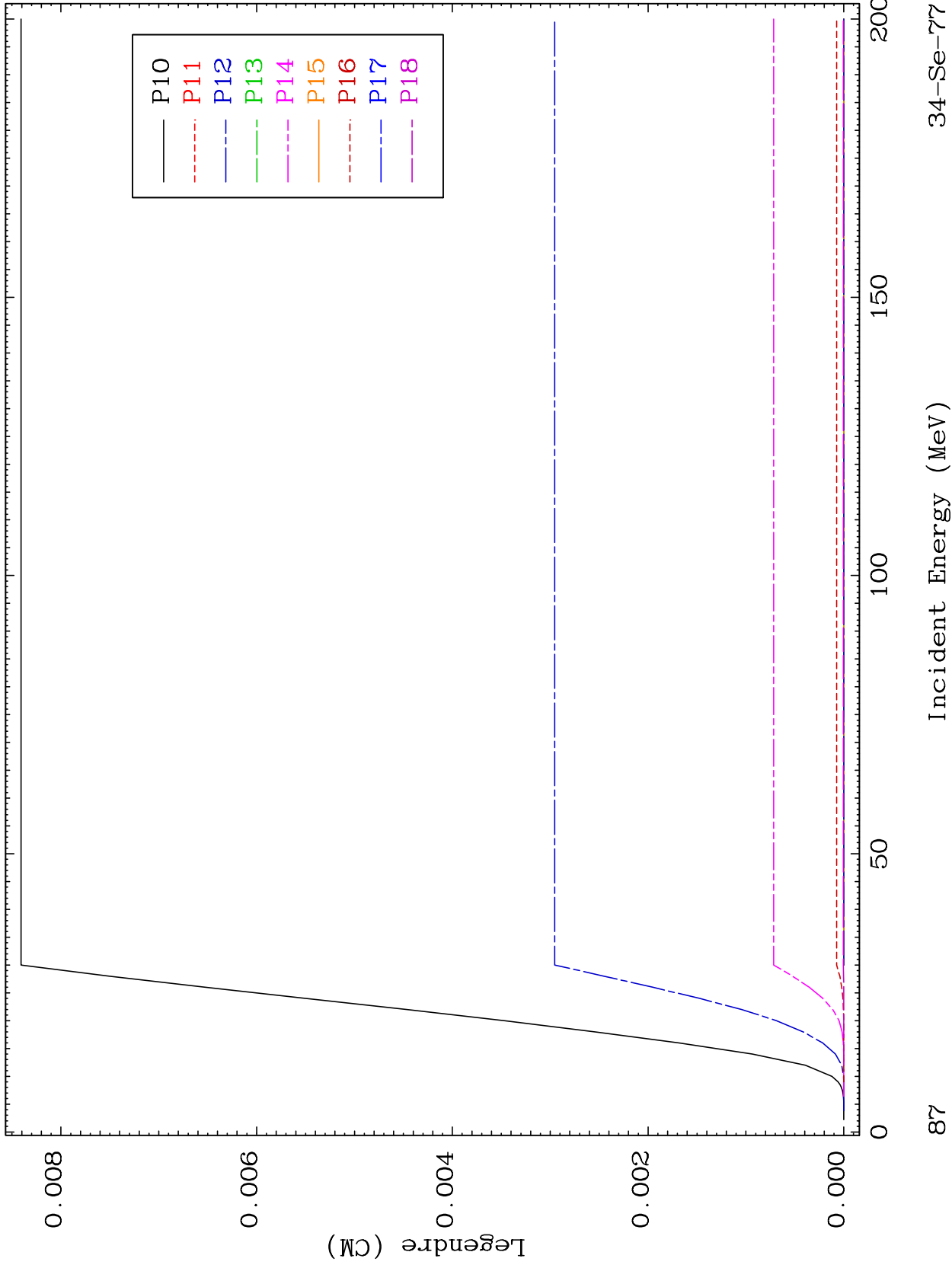
<sup>34</sup>Se-77



MAT 3434

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

34-Se-77

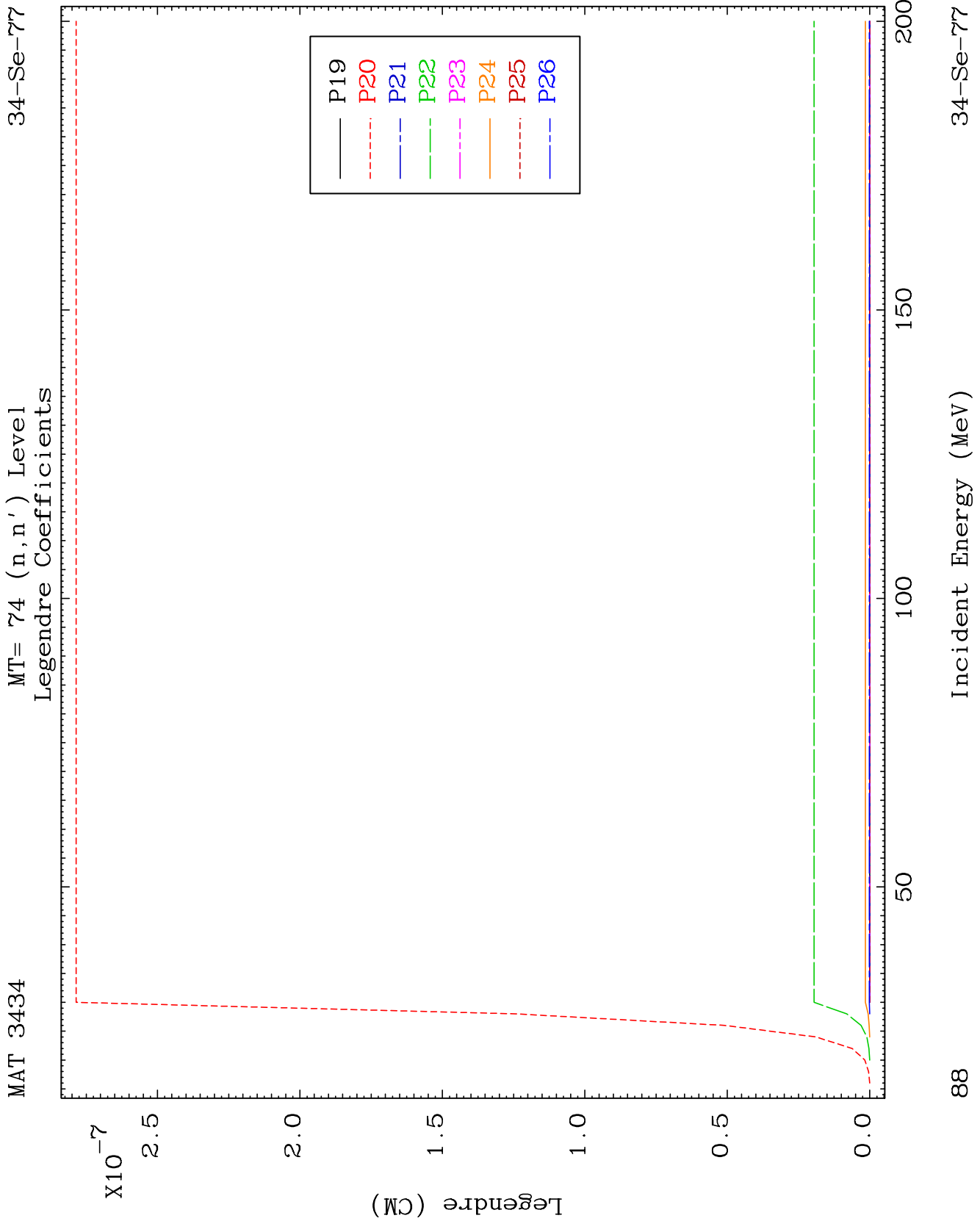


87

Incident Energy (MeV)

34-Se-77



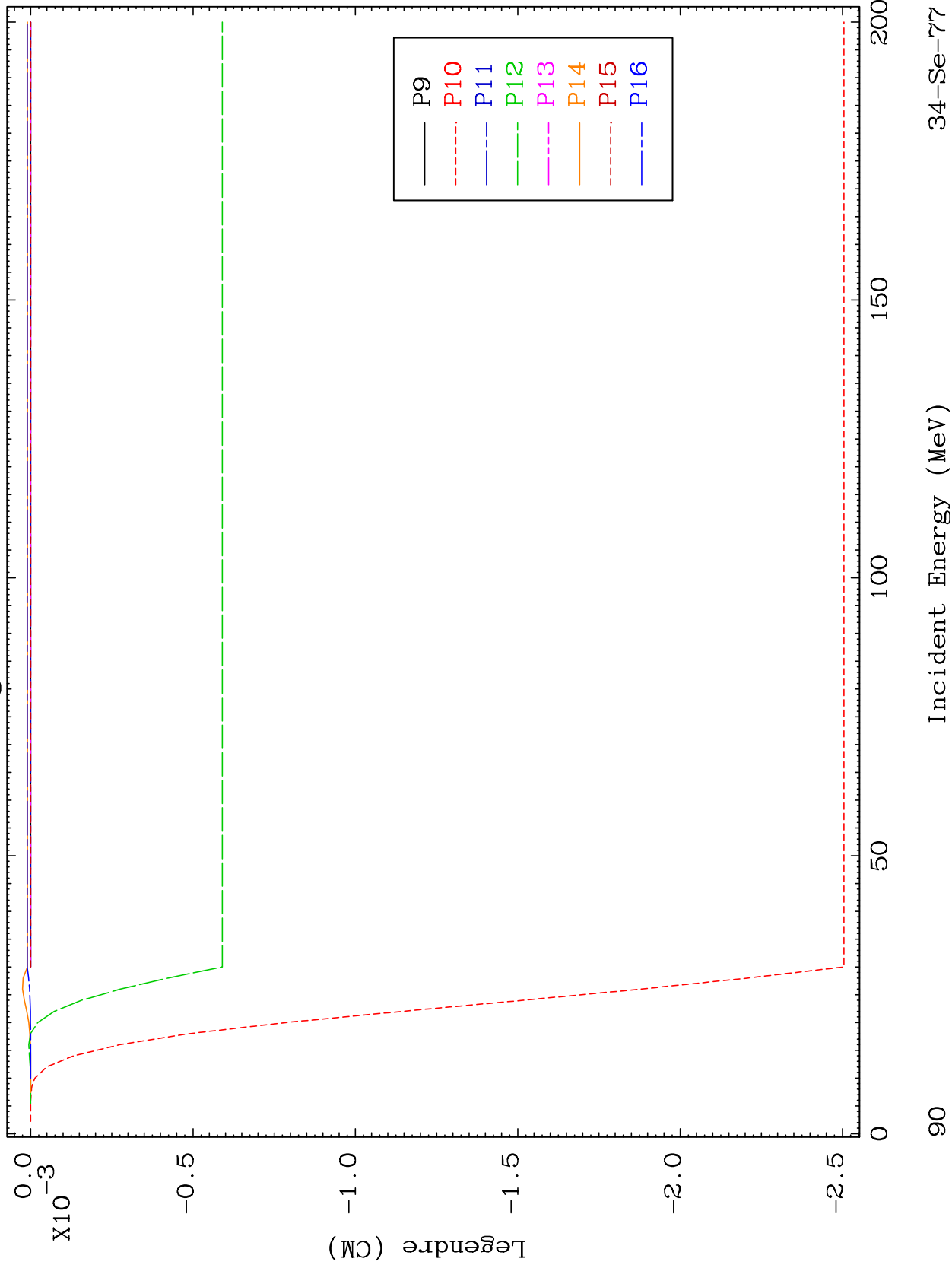




MAT 3434

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

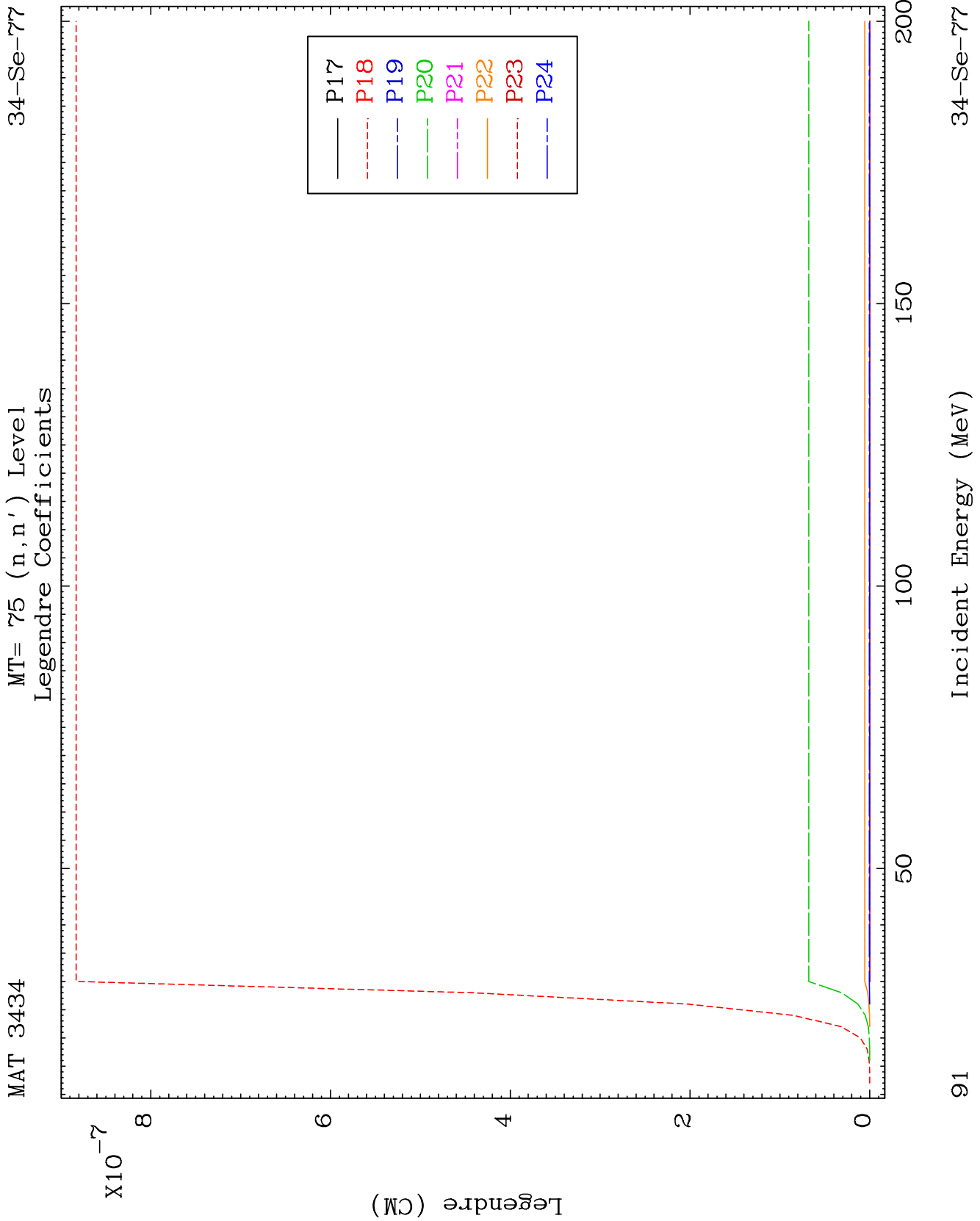
34-Se-77



34-Se-77

Incident Energy (MeV)

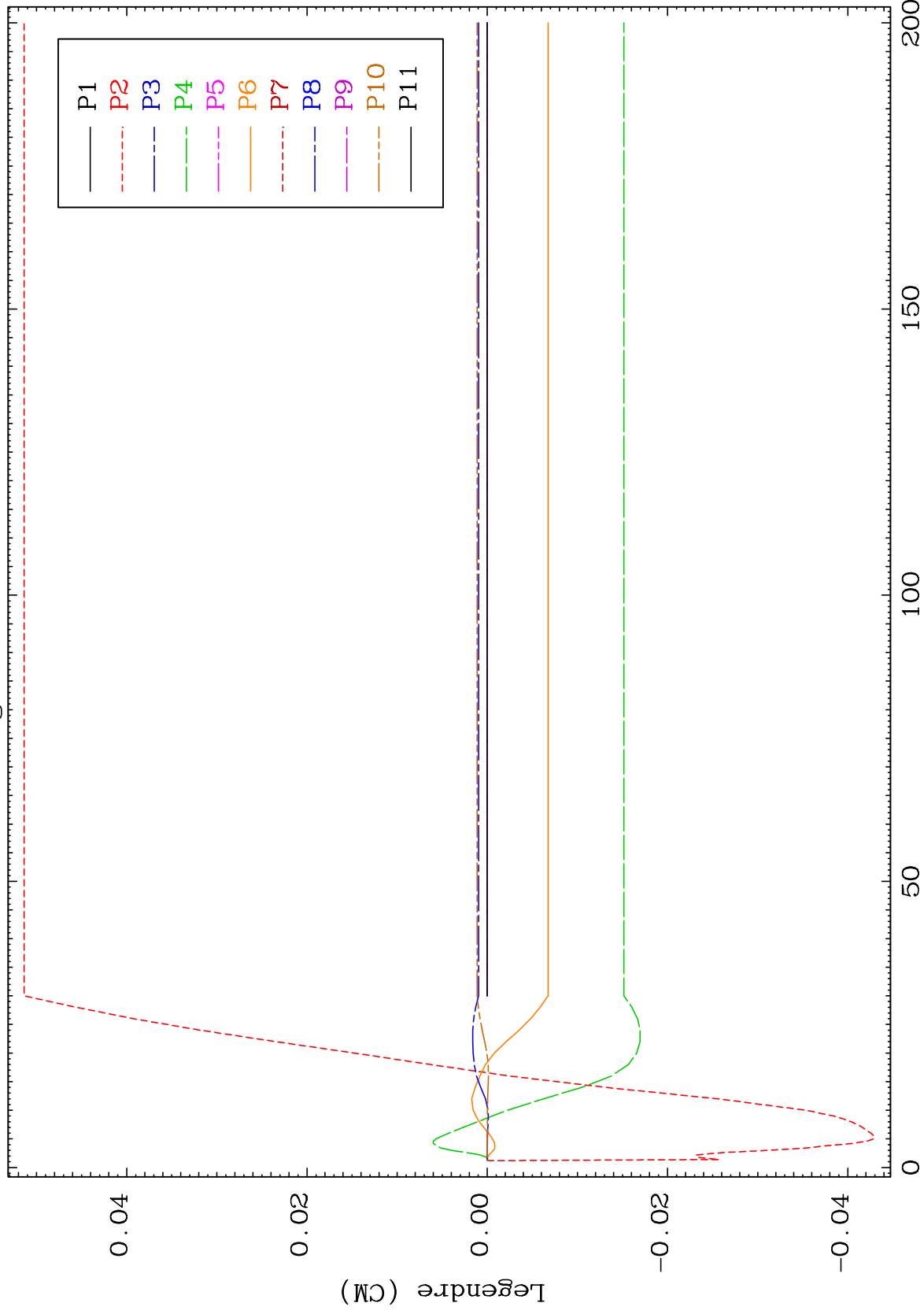
90



MAT 3434

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

34-Se-77



92

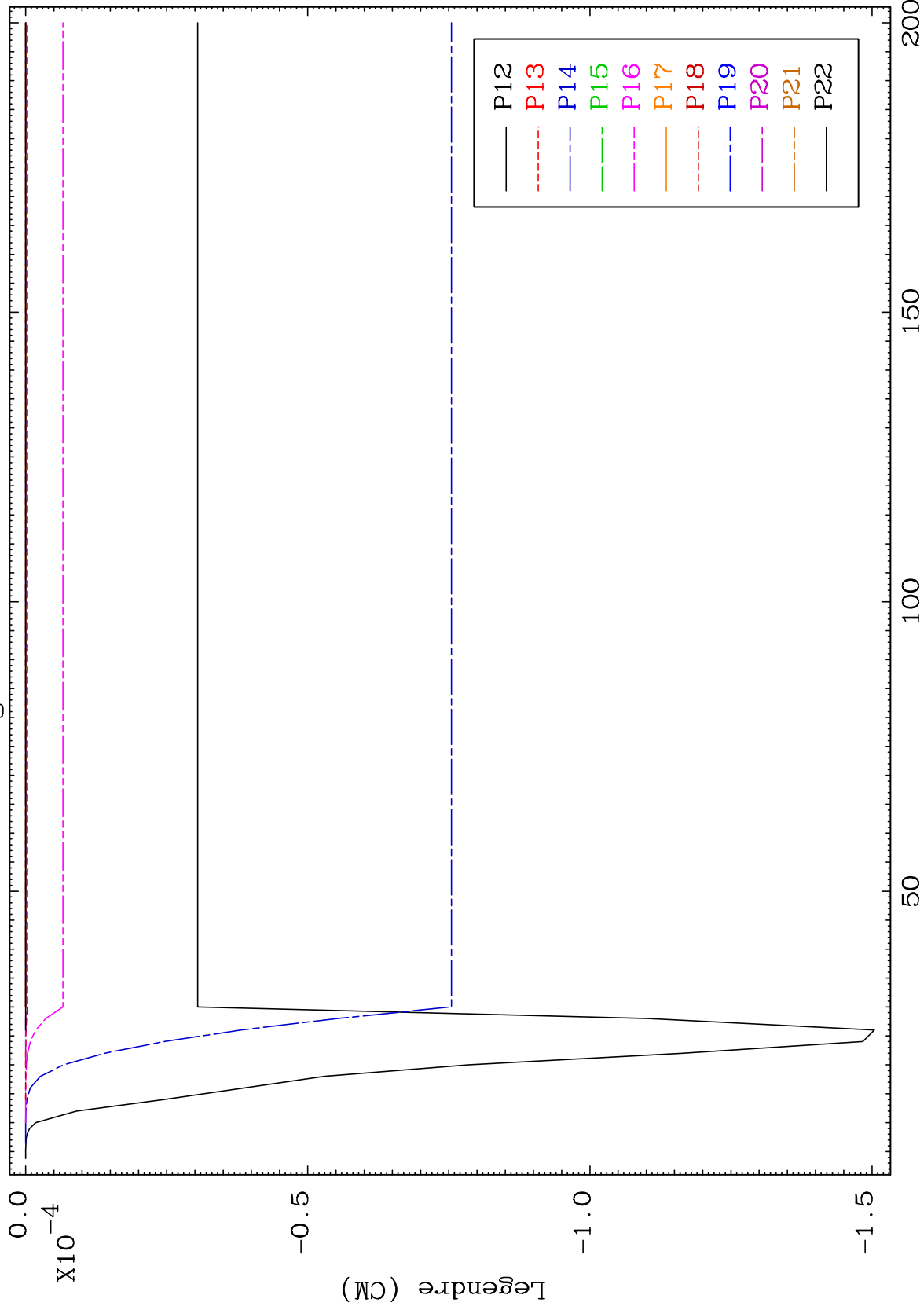
Incident Energy (MeV)

34-Se-77

MAT 3434

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

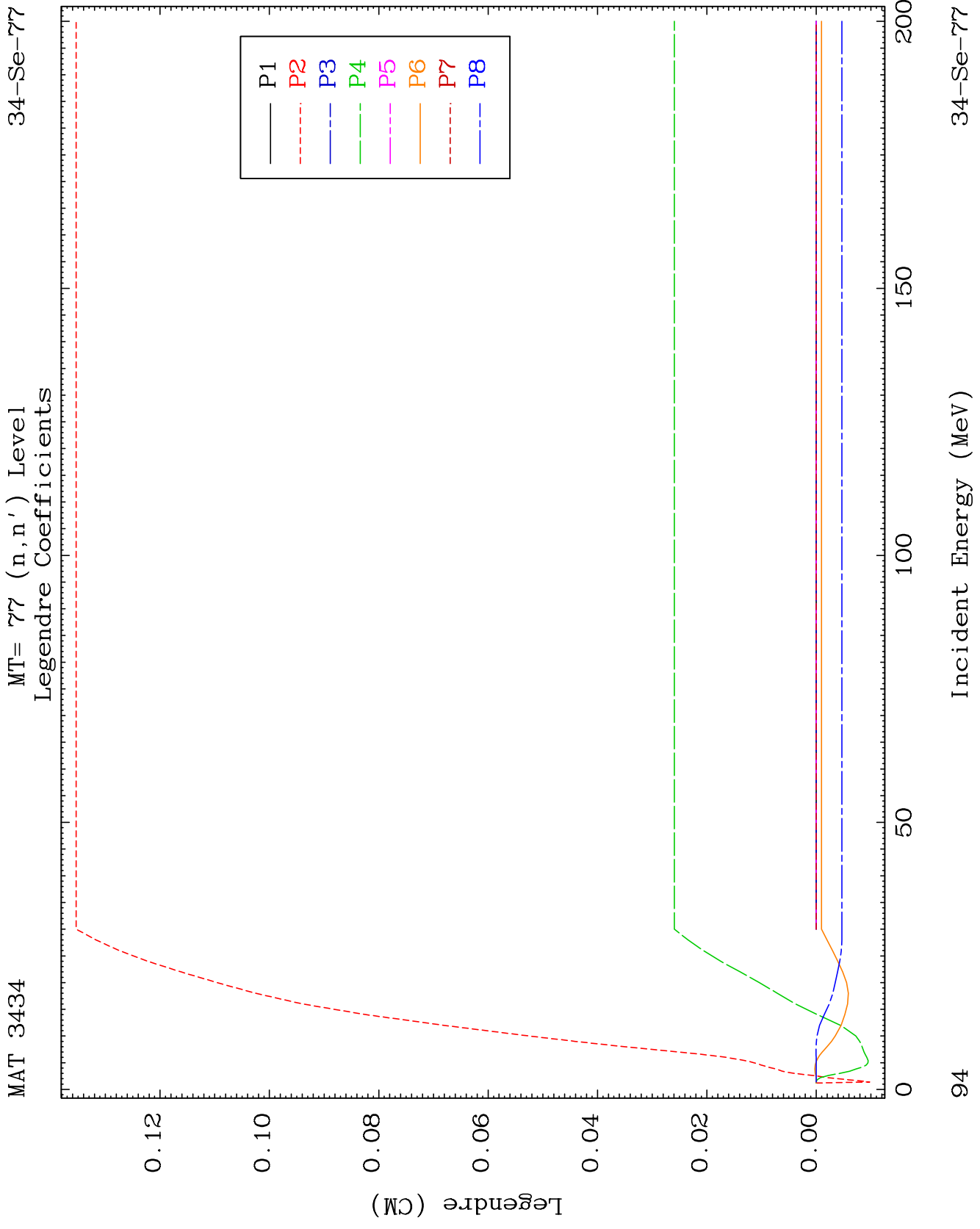
34-Se-77



93

Incident Energy (MeV)

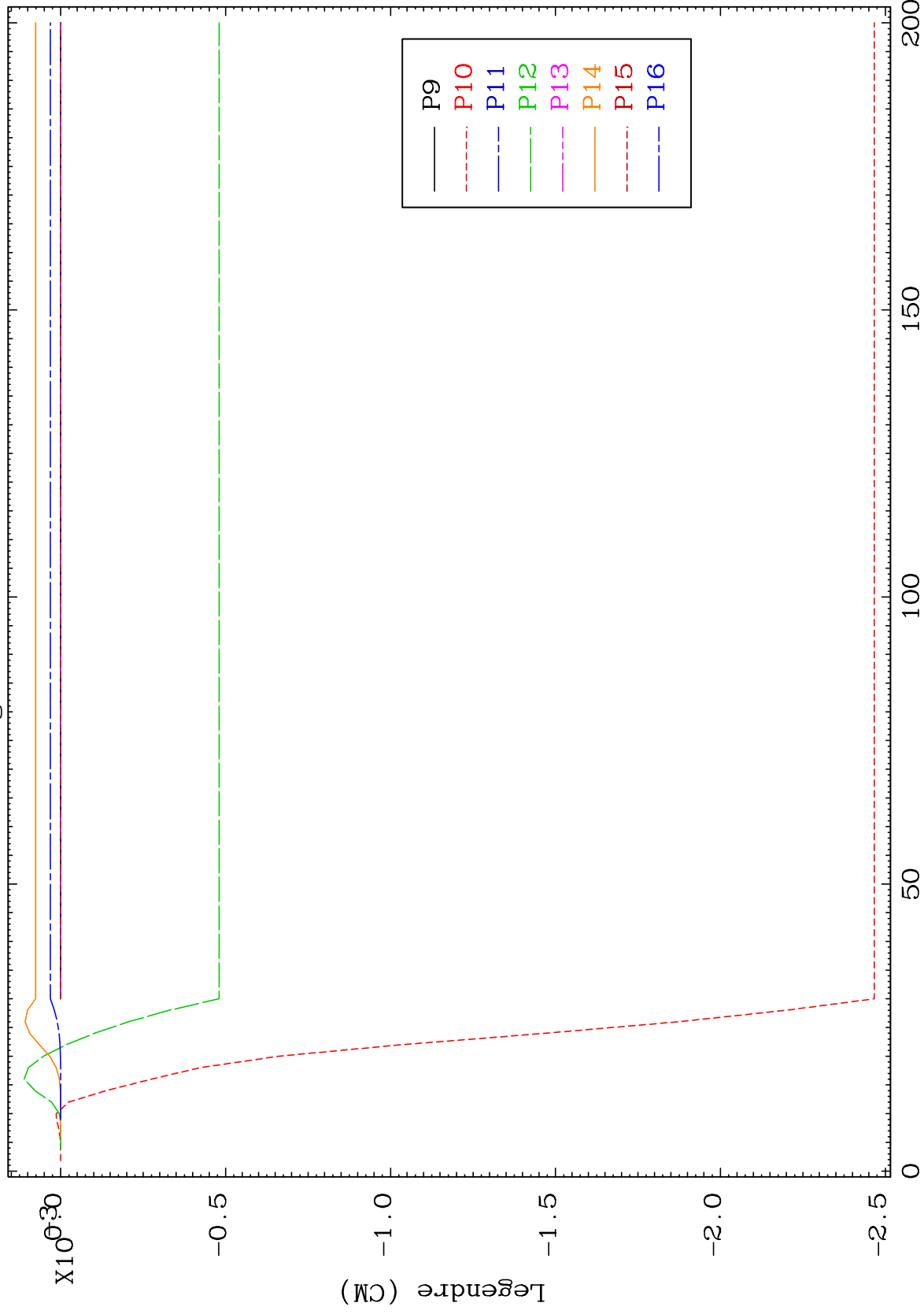
34-Se-77



MAT 3434

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

34-Se-77

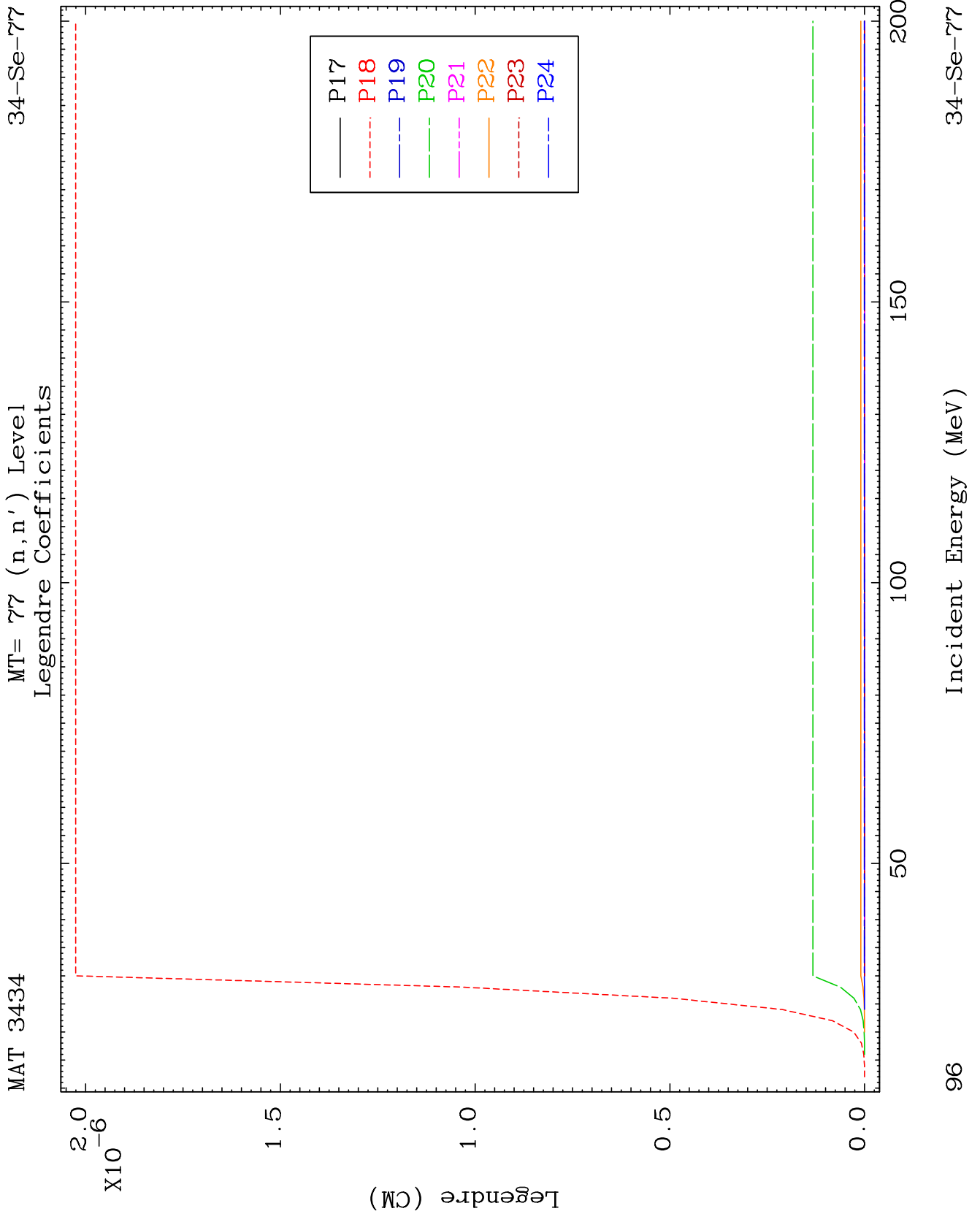


95

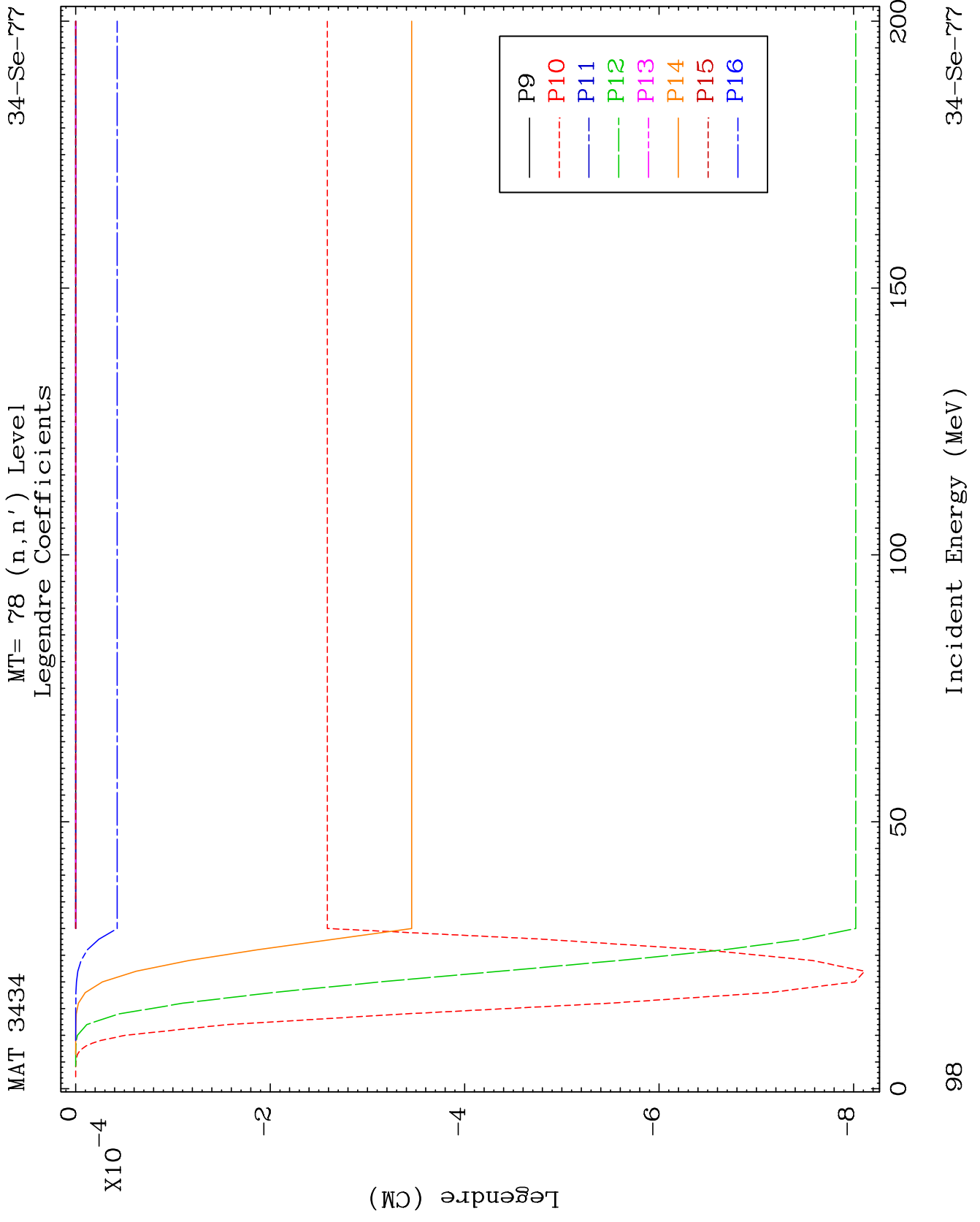
Incident Energy (MeV)

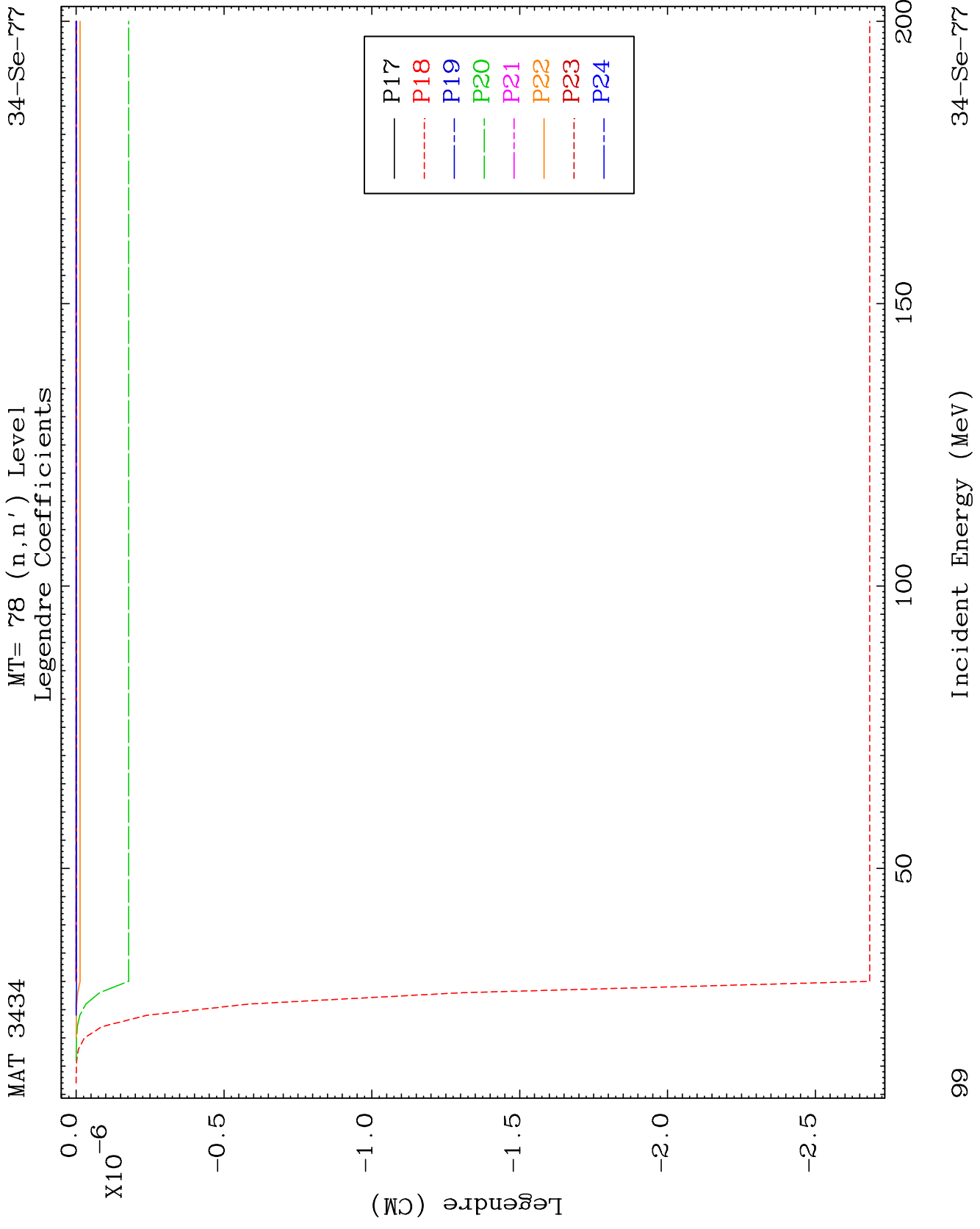
34-Se-77









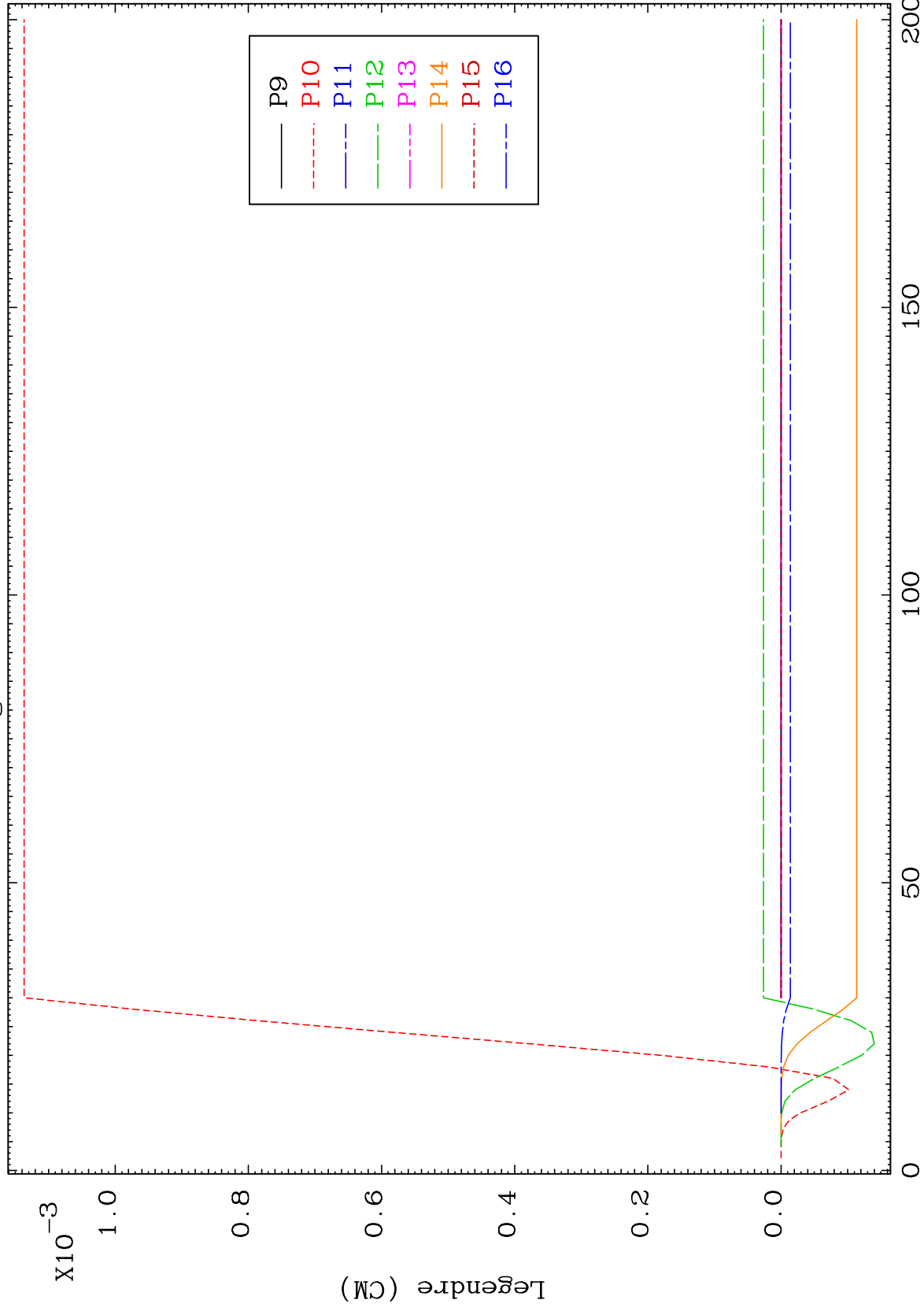




MAT 3434

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

34-Se-77



101

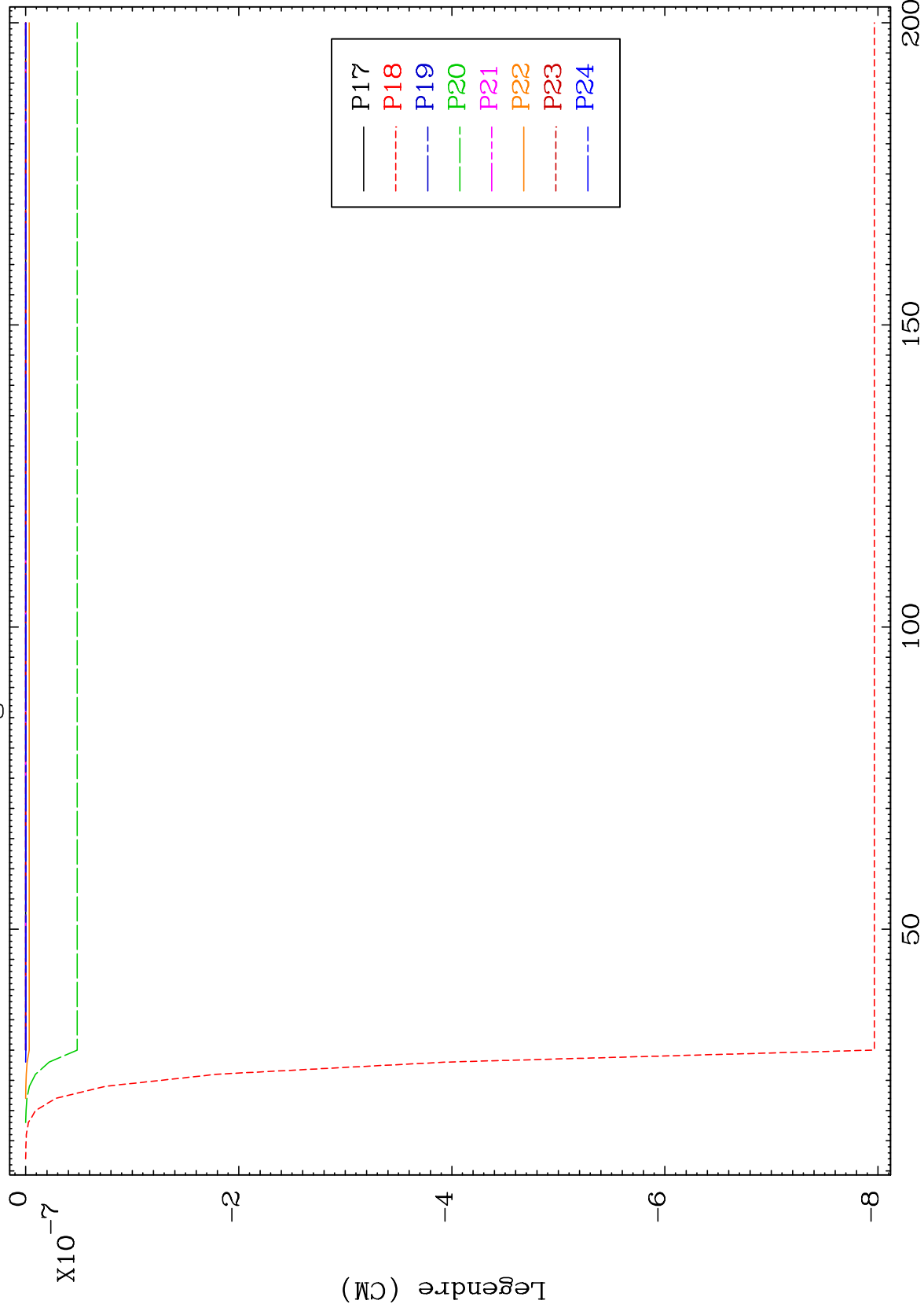
Incident Energy (MeV)

34-Se-77

MAT 3434

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

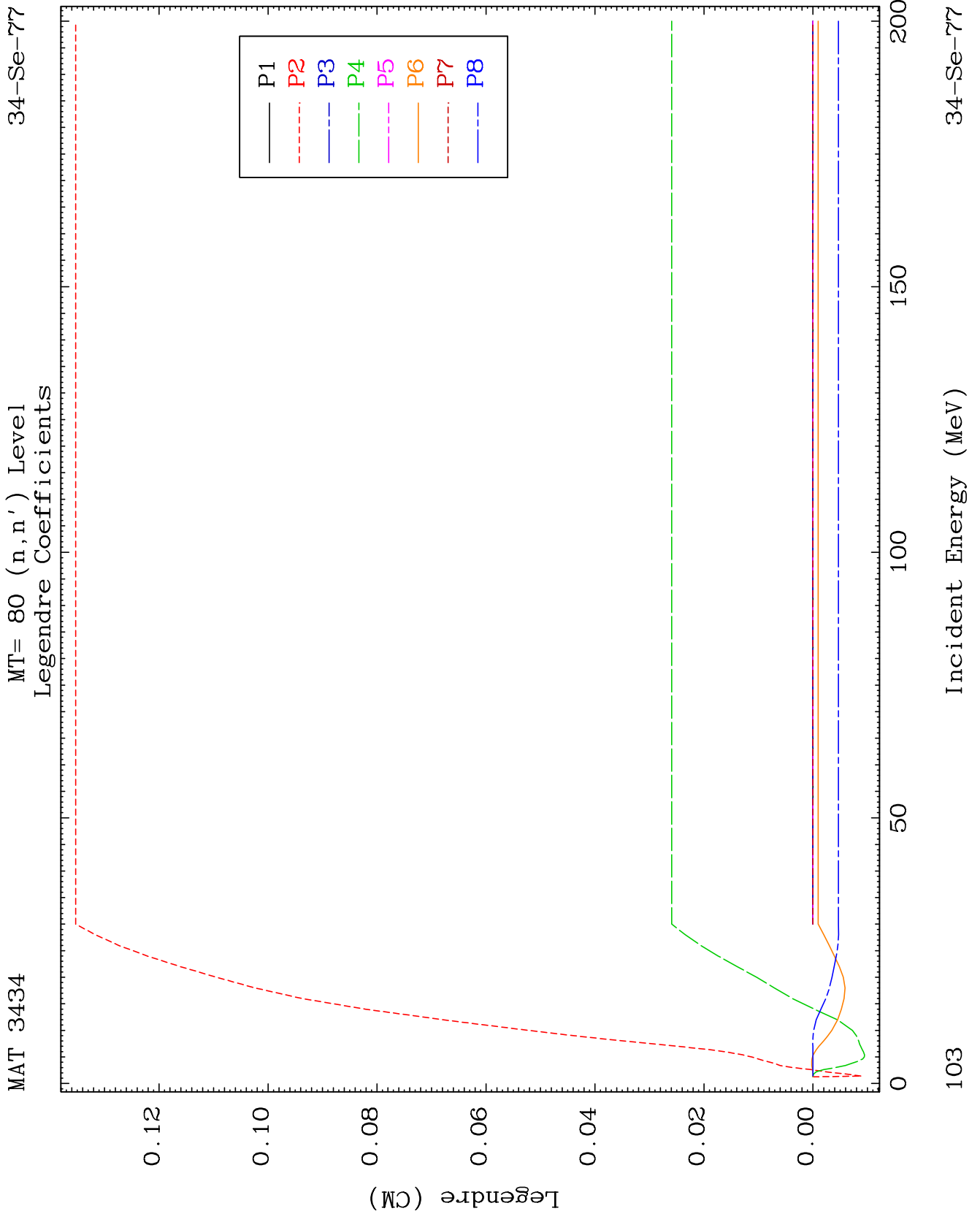
34-Se-77



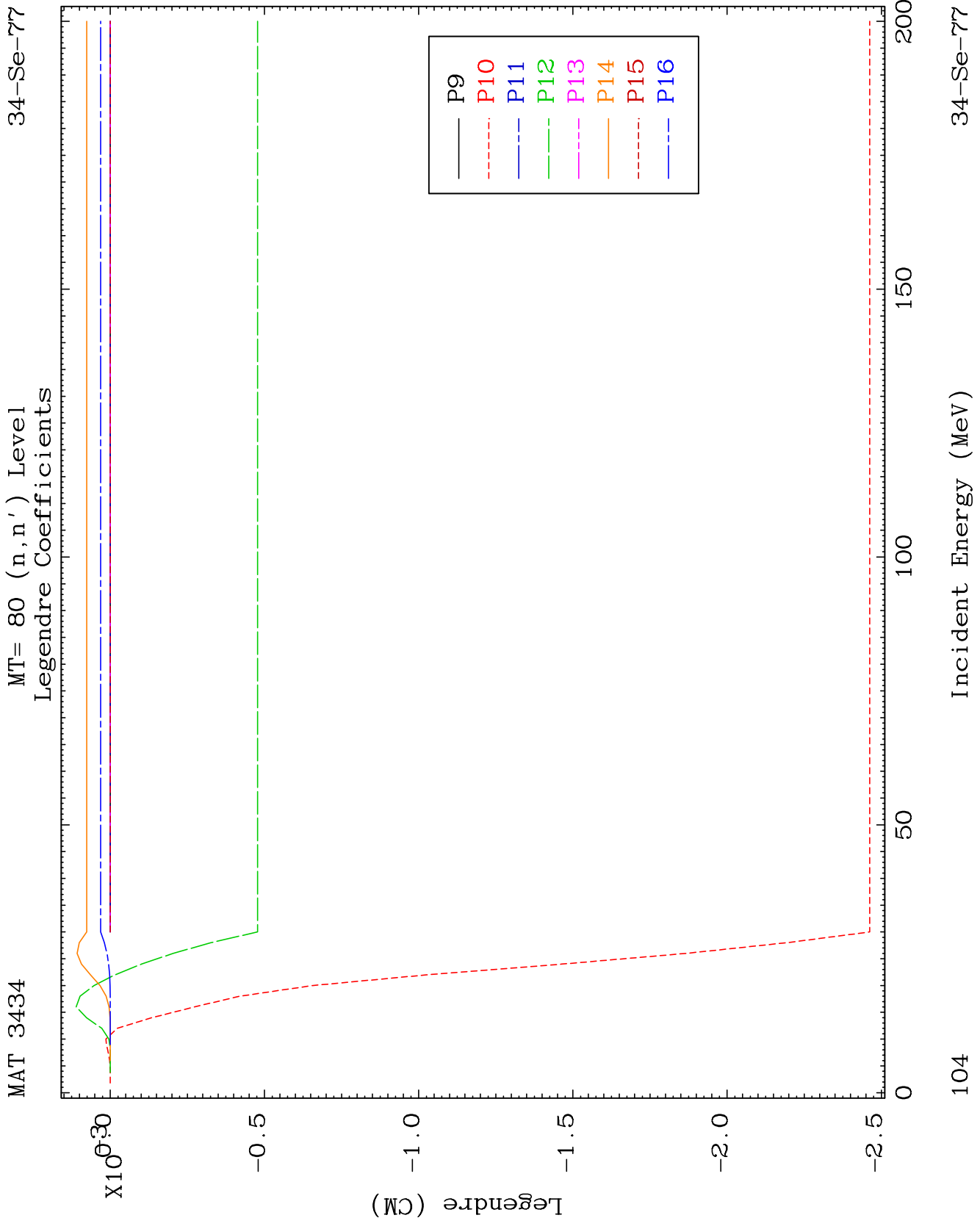
34-Se-77

Incident Energy (MeV)

102





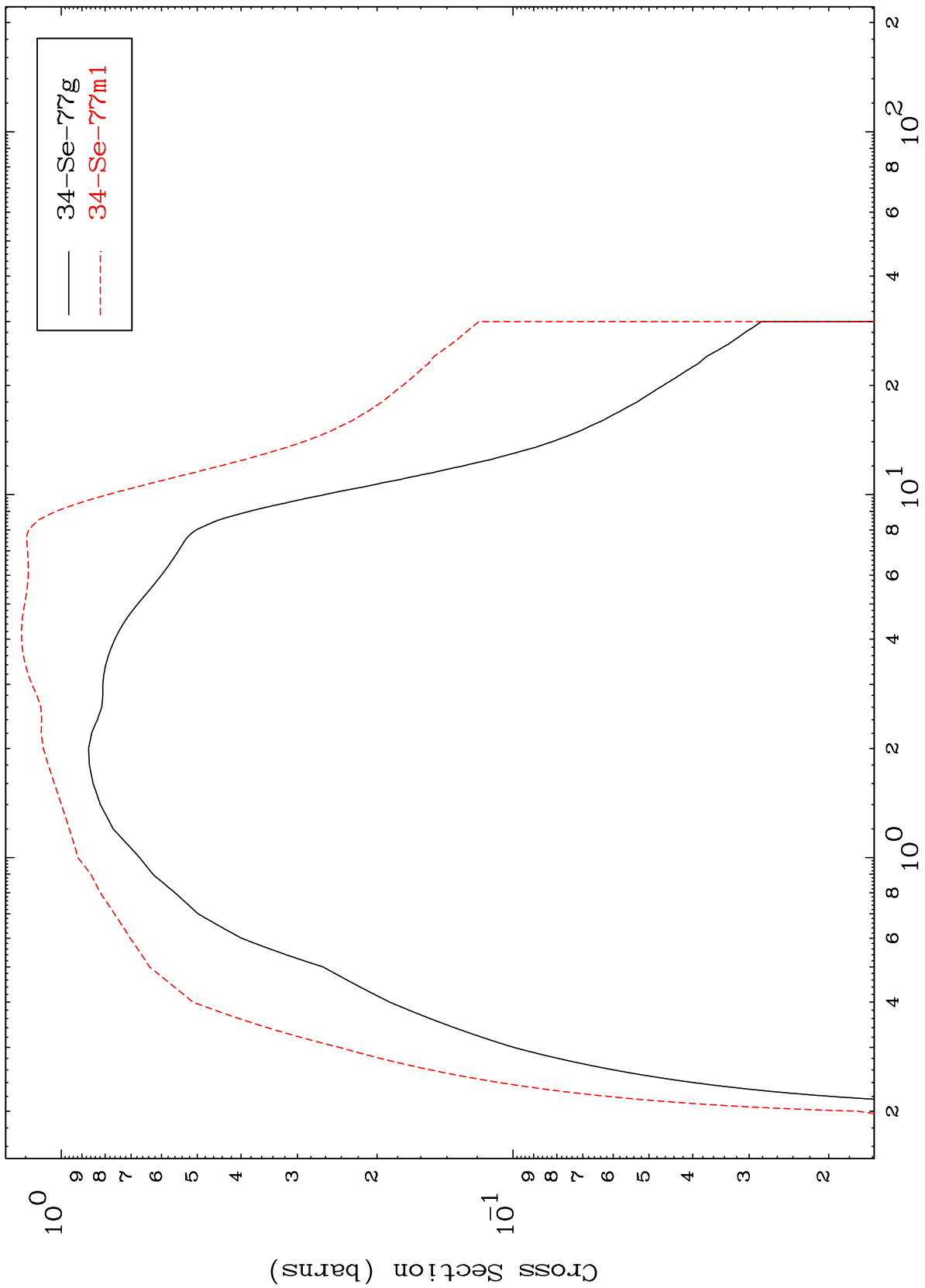




MAT 3434

<sup>34</sup>Se-77

Inelastic  
Radionuclide Production Cross Section



— 34-Se-77g  
- - - 34-Se-77m1

106

Incident Energy (MeV)

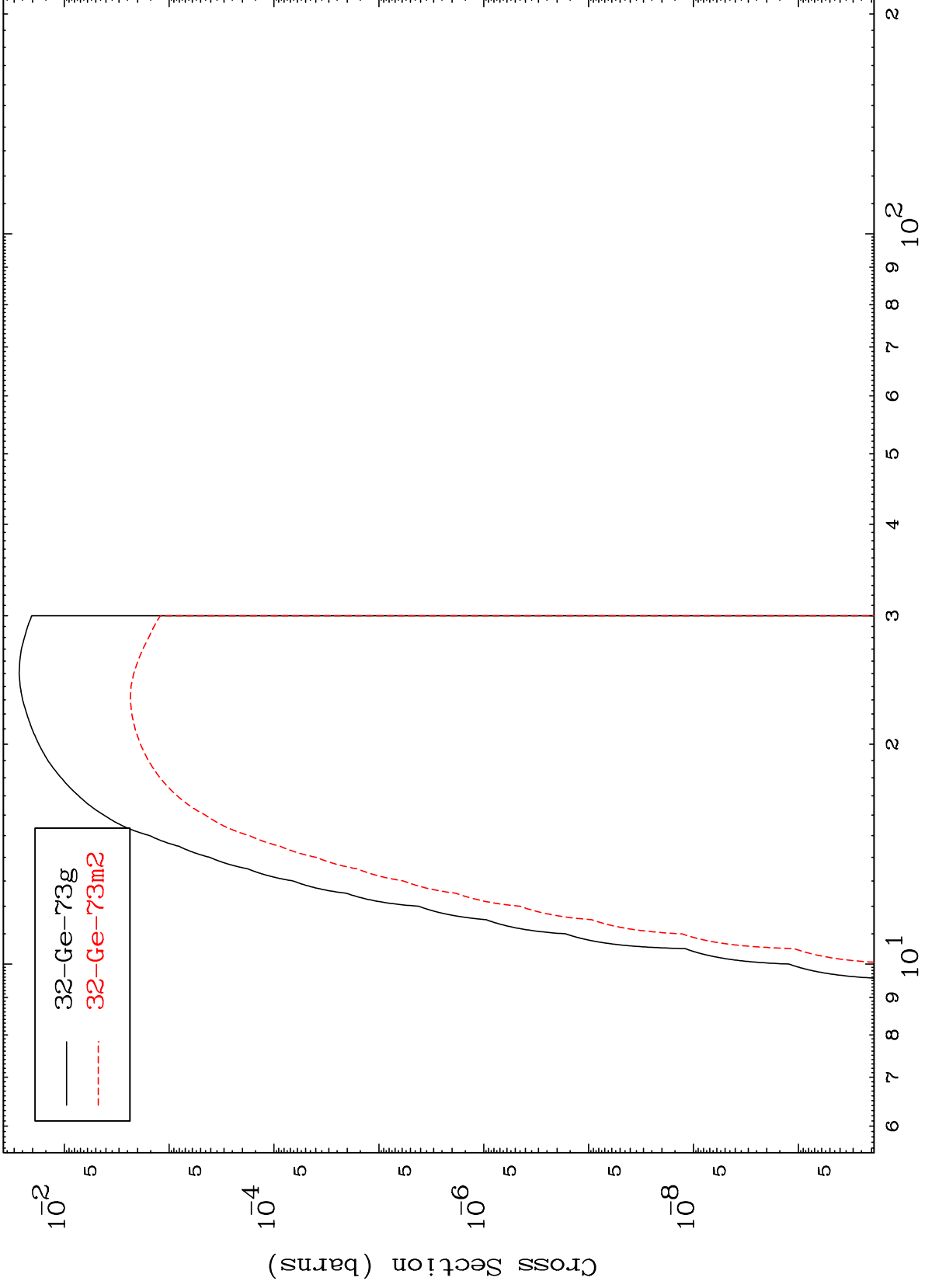
<sup>34</sup>Se-77

MAT 3434

$(n, n') \alpha$

34-Se-77

Radionuclide Production Cross Section



— 32-Ge-73g  
- - - 32-Ge-73m2

107

Incident Energy (MeV)

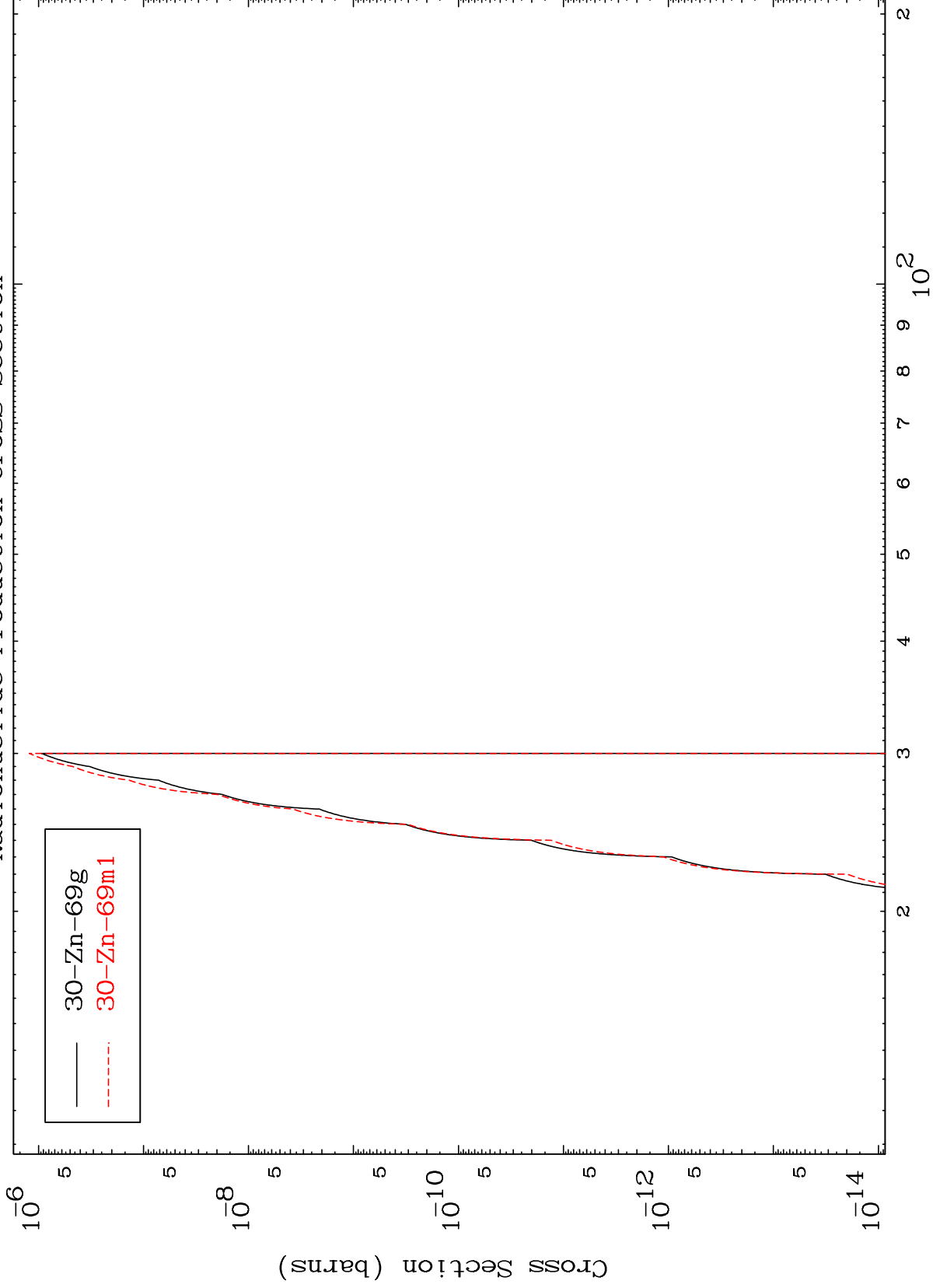
34-Se-77

MAT 3434

(n,n') 2α

34-Se-77

Radionuclide Production Cross Section



108

Incident Energy (MeV)

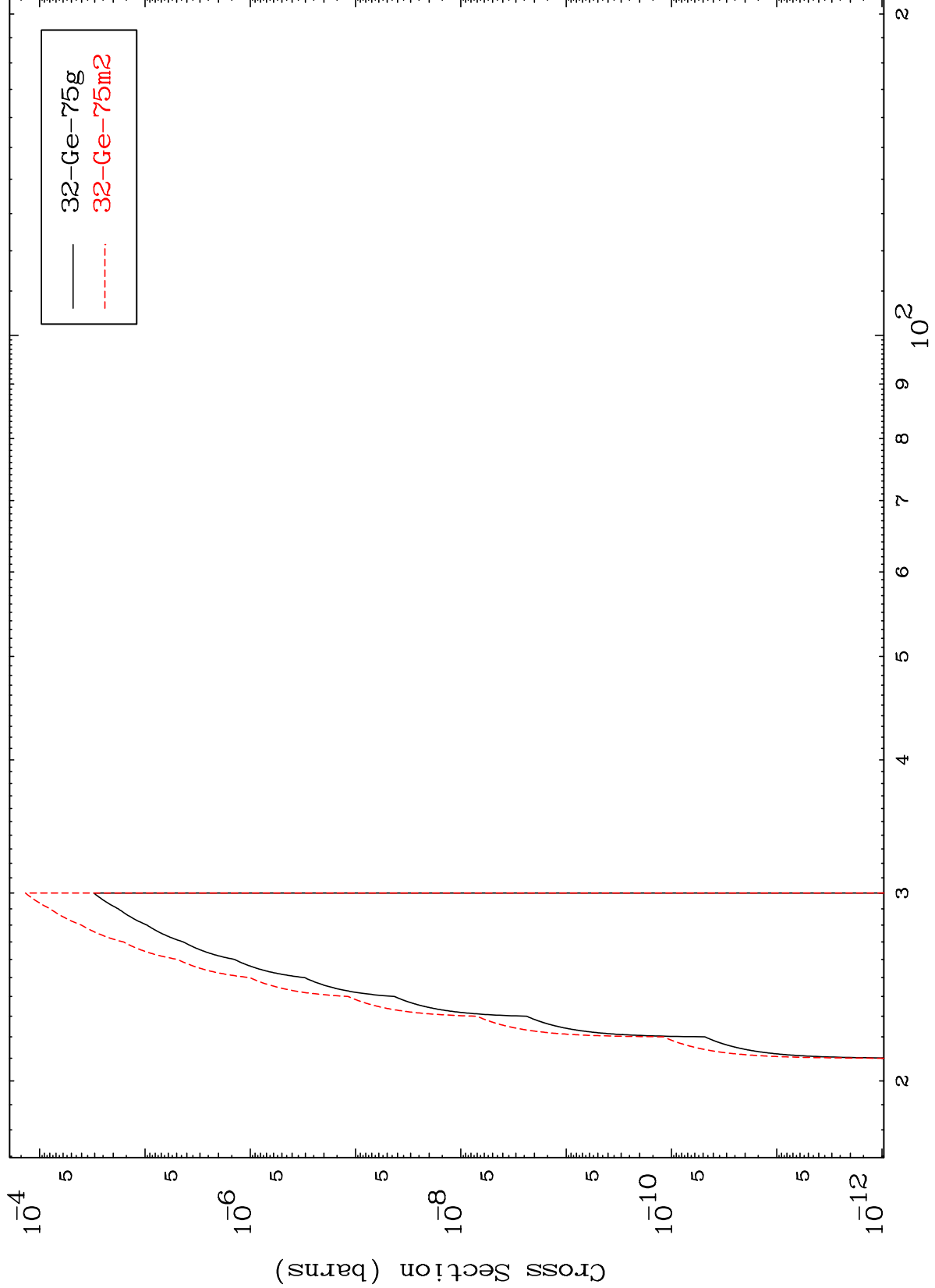
34-Se-77

MAT 3434

(n,2n) p

34-<sup>Se</sup>-77

Radionuclide Production Cross Section



32-<sup>Ge</sup>-75g  
32-<sup>Ge</sup>-75m2

109

Incident Energy (MeV)

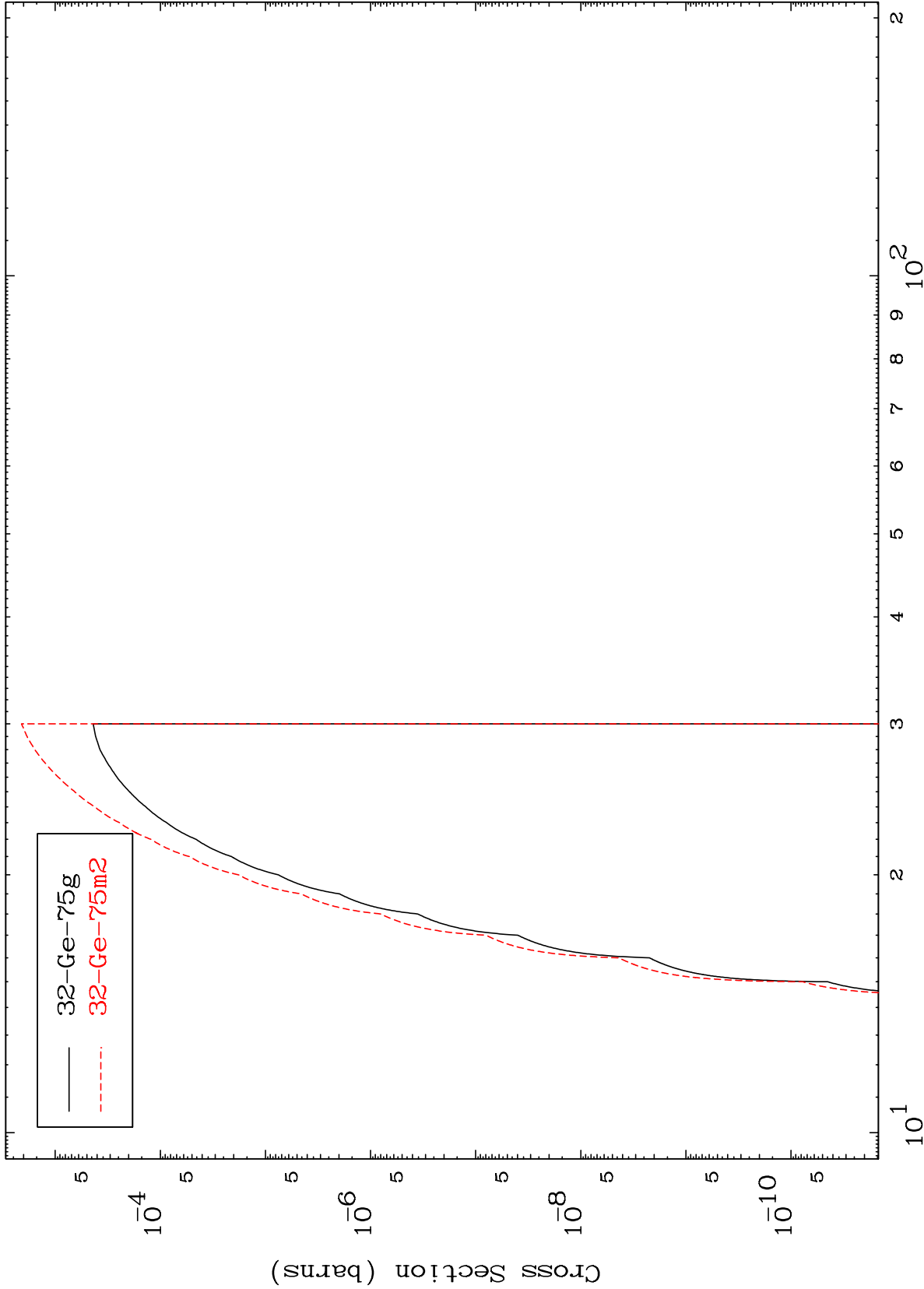
34-<sup>Se</sup>-77

MAT 3434

(n,He-3)

34-<sup>Se</sup>-77

Radionuclide Production Cross Section



Incident Energy (MeV)

34-<sup>Se</sup>-77

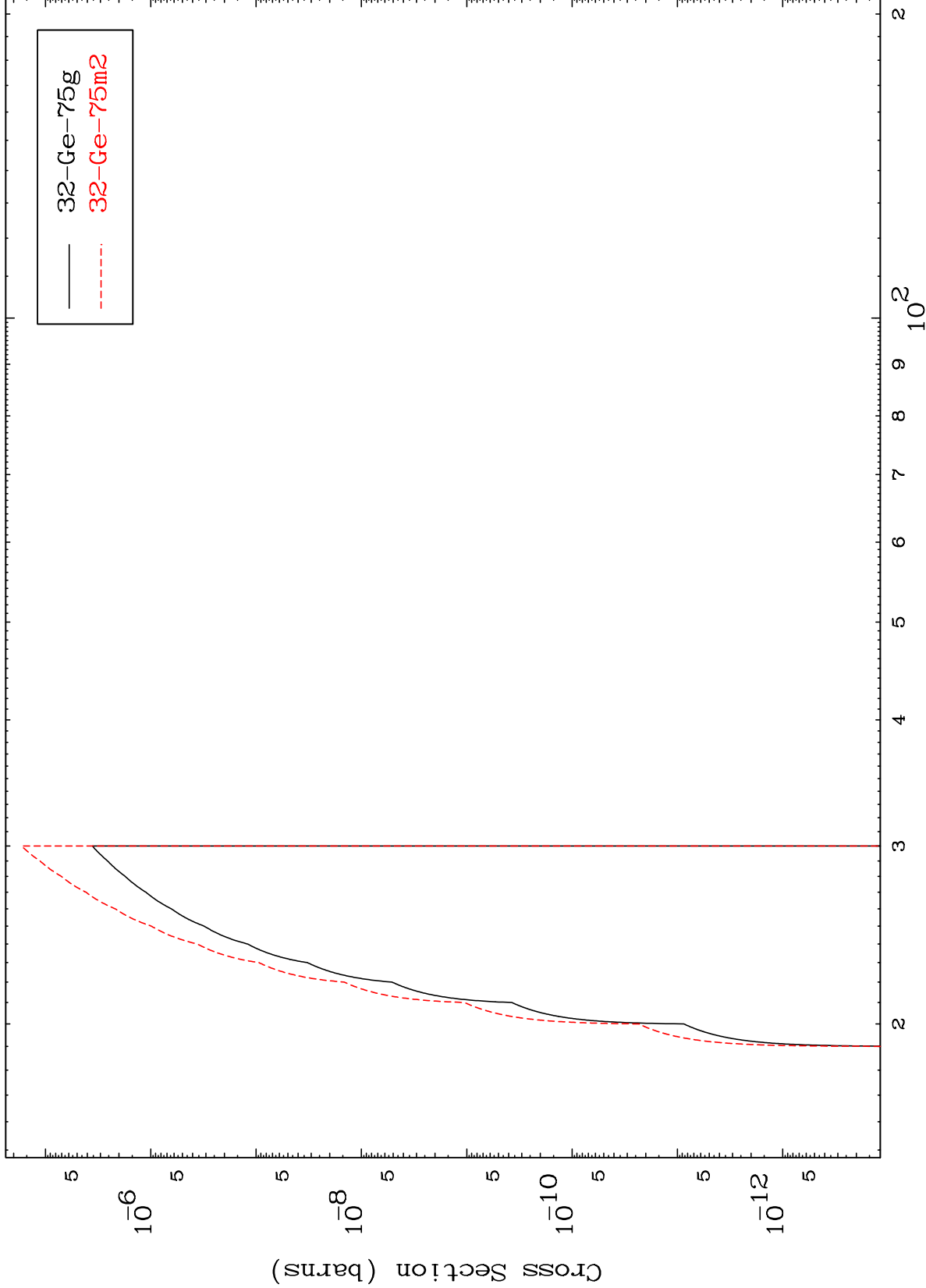
110

MAT 3434

(n,p) d

<sup>34</sup>Se-77

Radionuclide Production Cross Section



111

Incident Energy (MeV)

<sup>34</sup>Se-77