

Program EVALPLOT  
(Version 2017-1)

by

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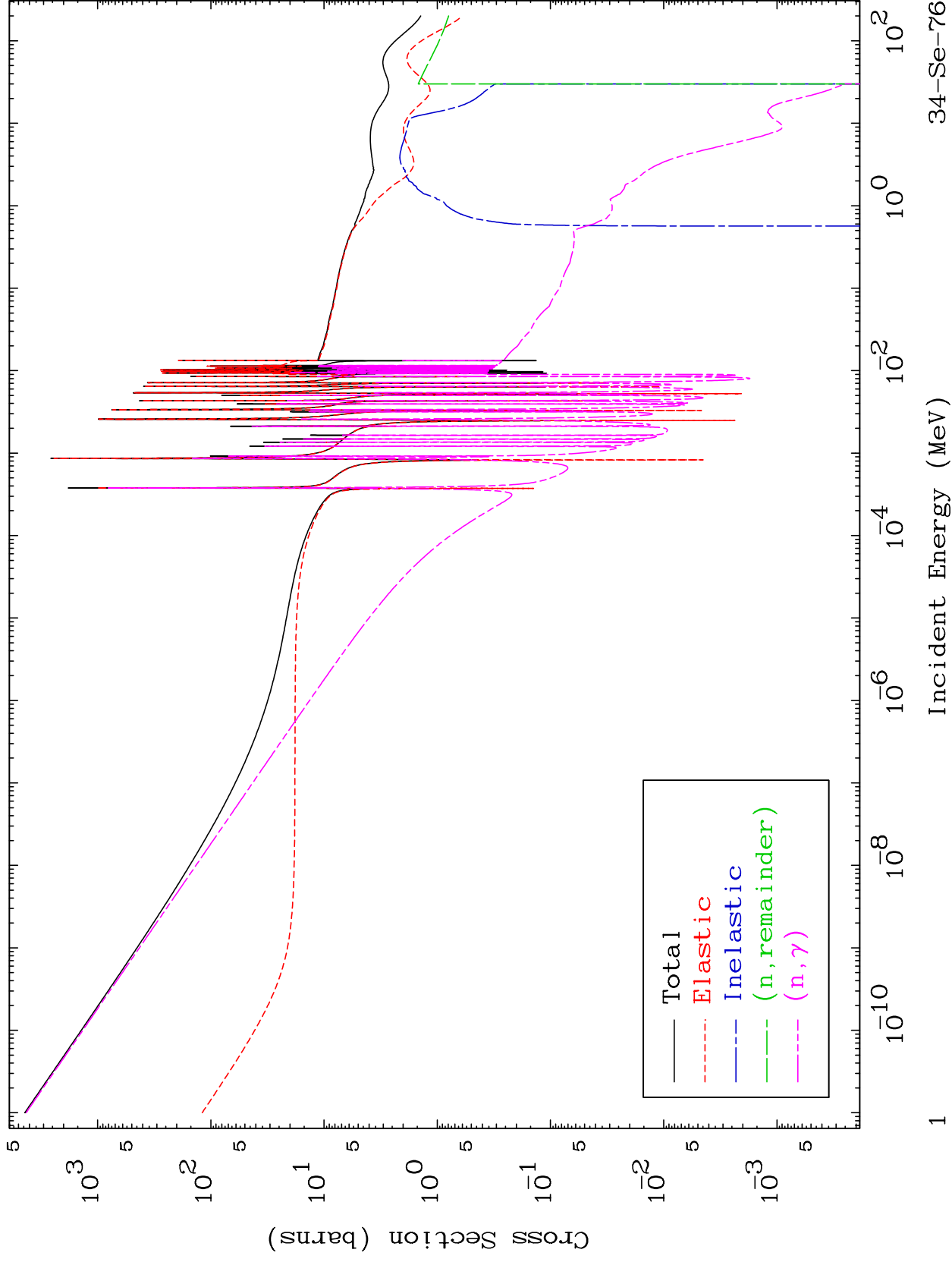
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3431

Major  
293 Kelvin Cross Sections

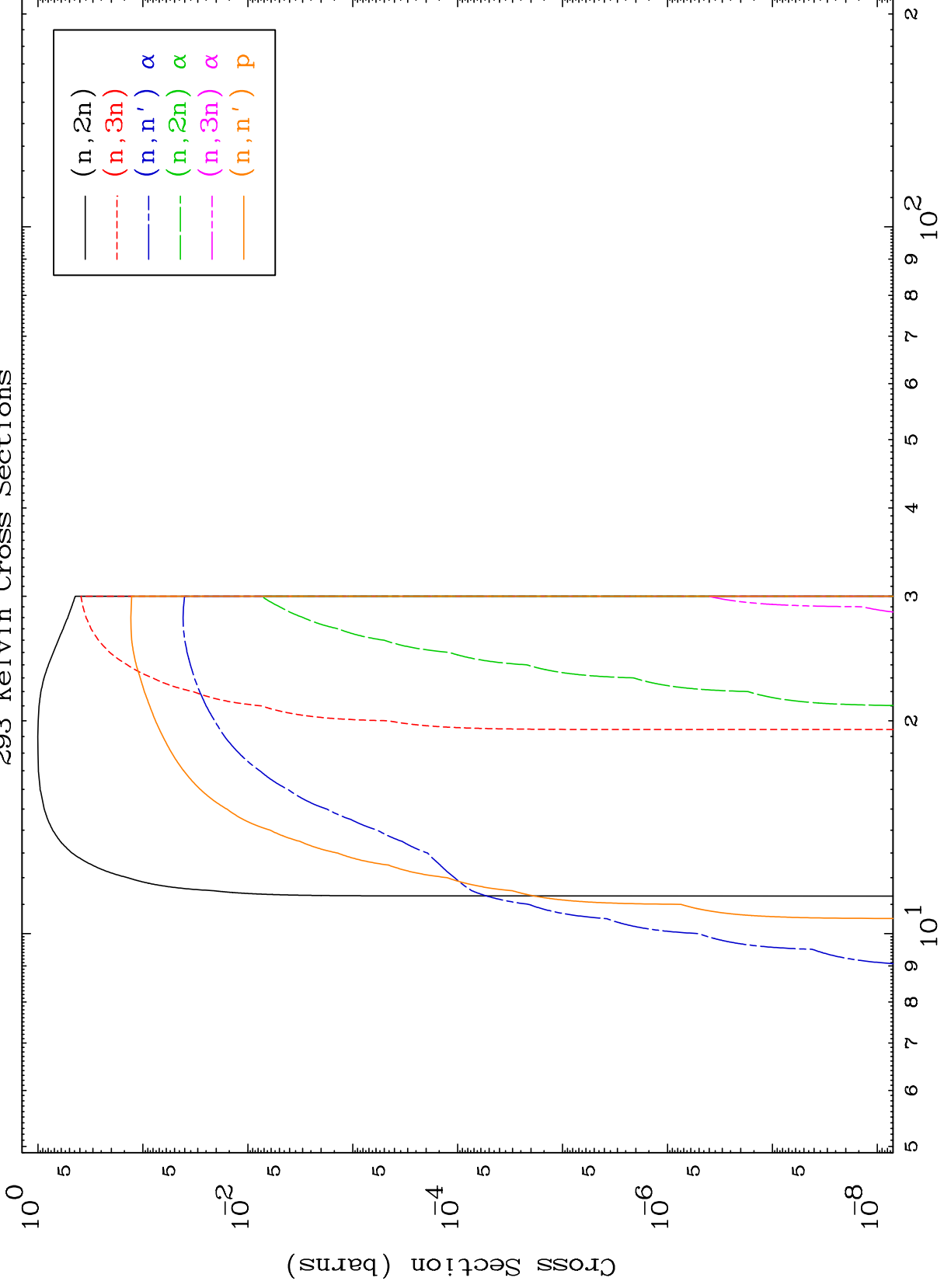
34-Se-76



MAT 3431

Neutron Production  
293 Kelvin Cross Sections

<sup>34</sup>Se-76



2

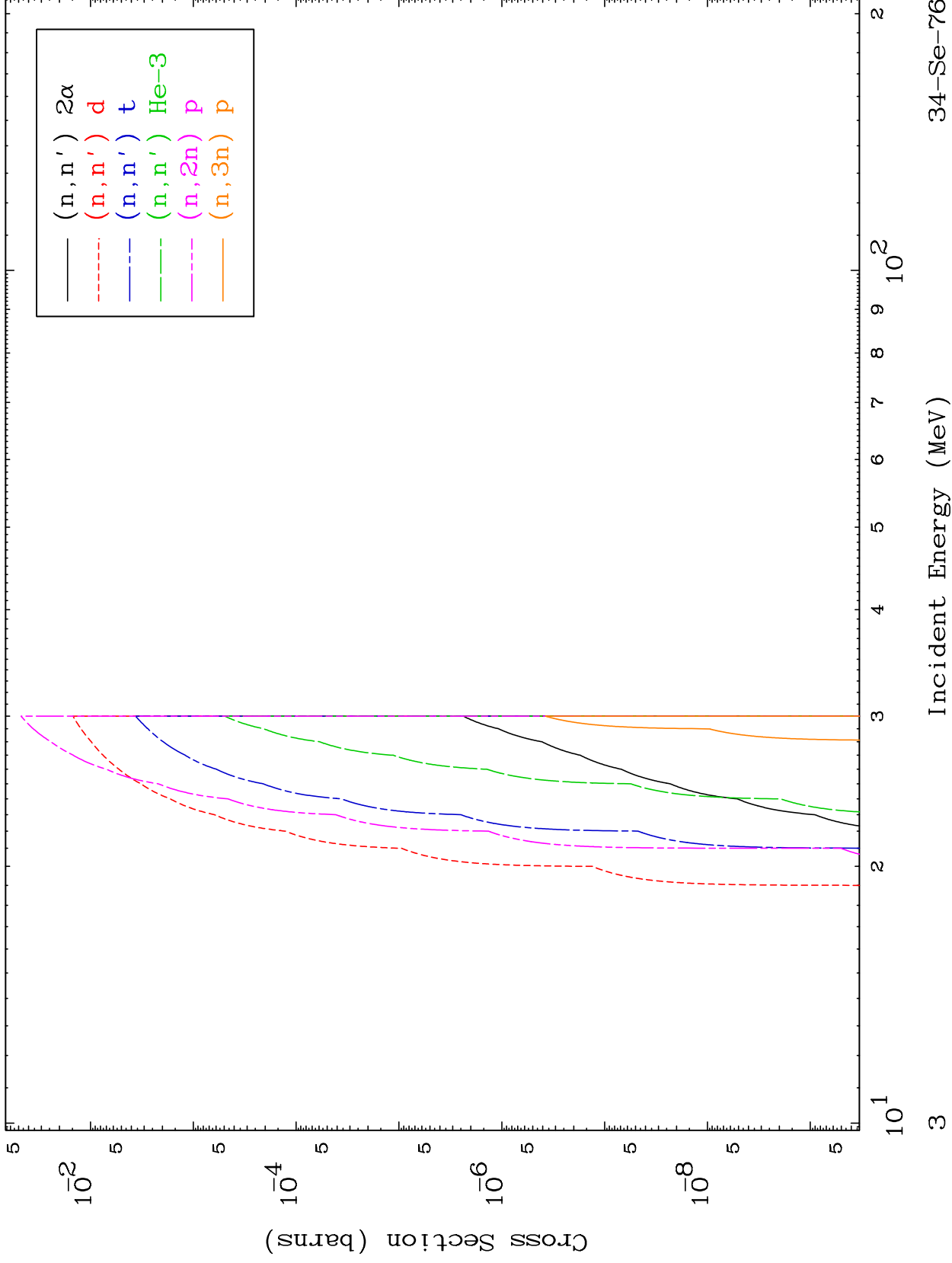
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

Neutron Production  
293 Kelvin Cross Sections

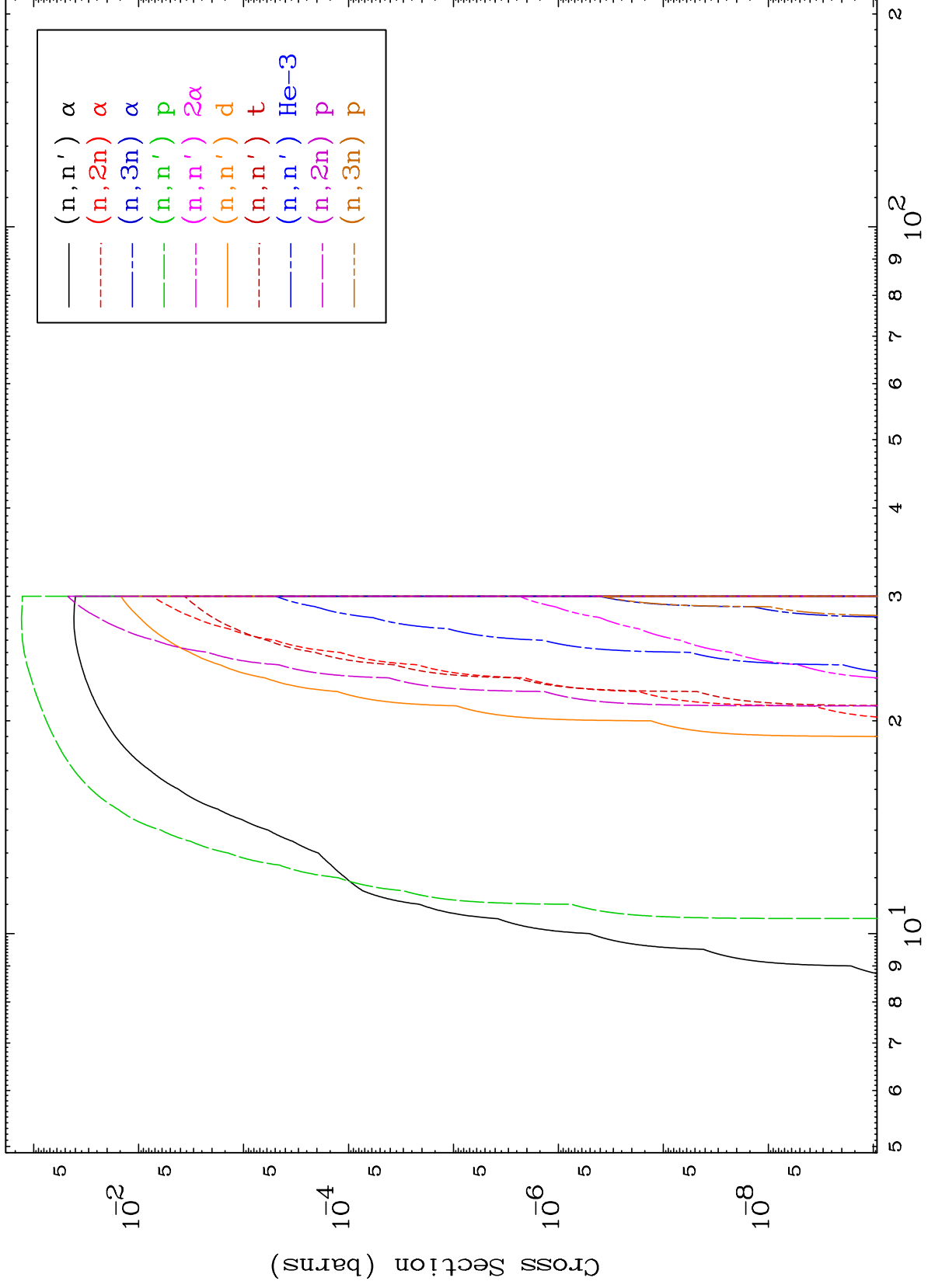
34-Se-76



MAT 3431

Charged Particle  
293 Kelvin Cross Sections

34-Se-76



4

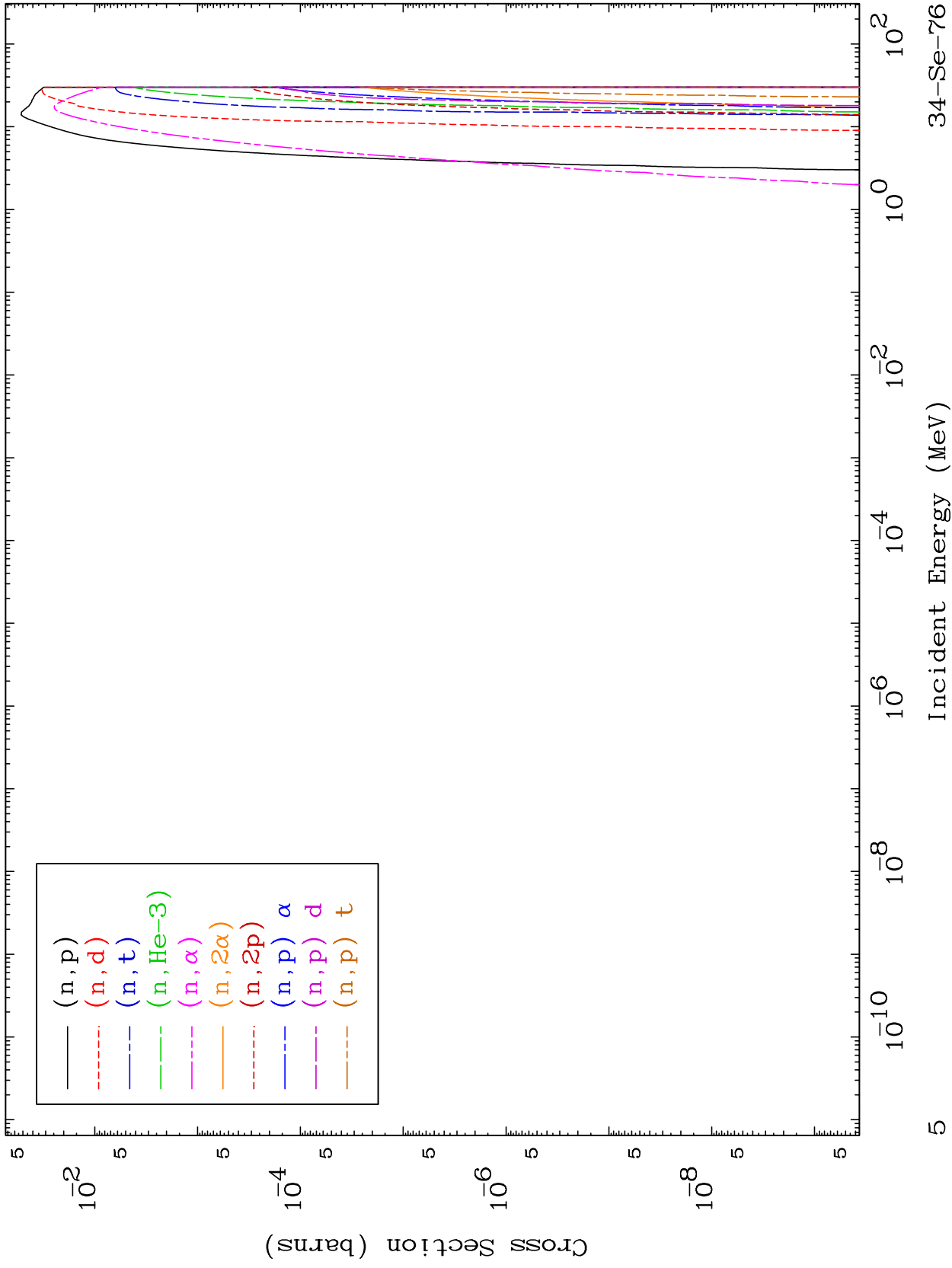
Incident Energy (MeV)

34-Se-76

MAT 3431

Charged Particle  
293 Kelvin Cross Sections

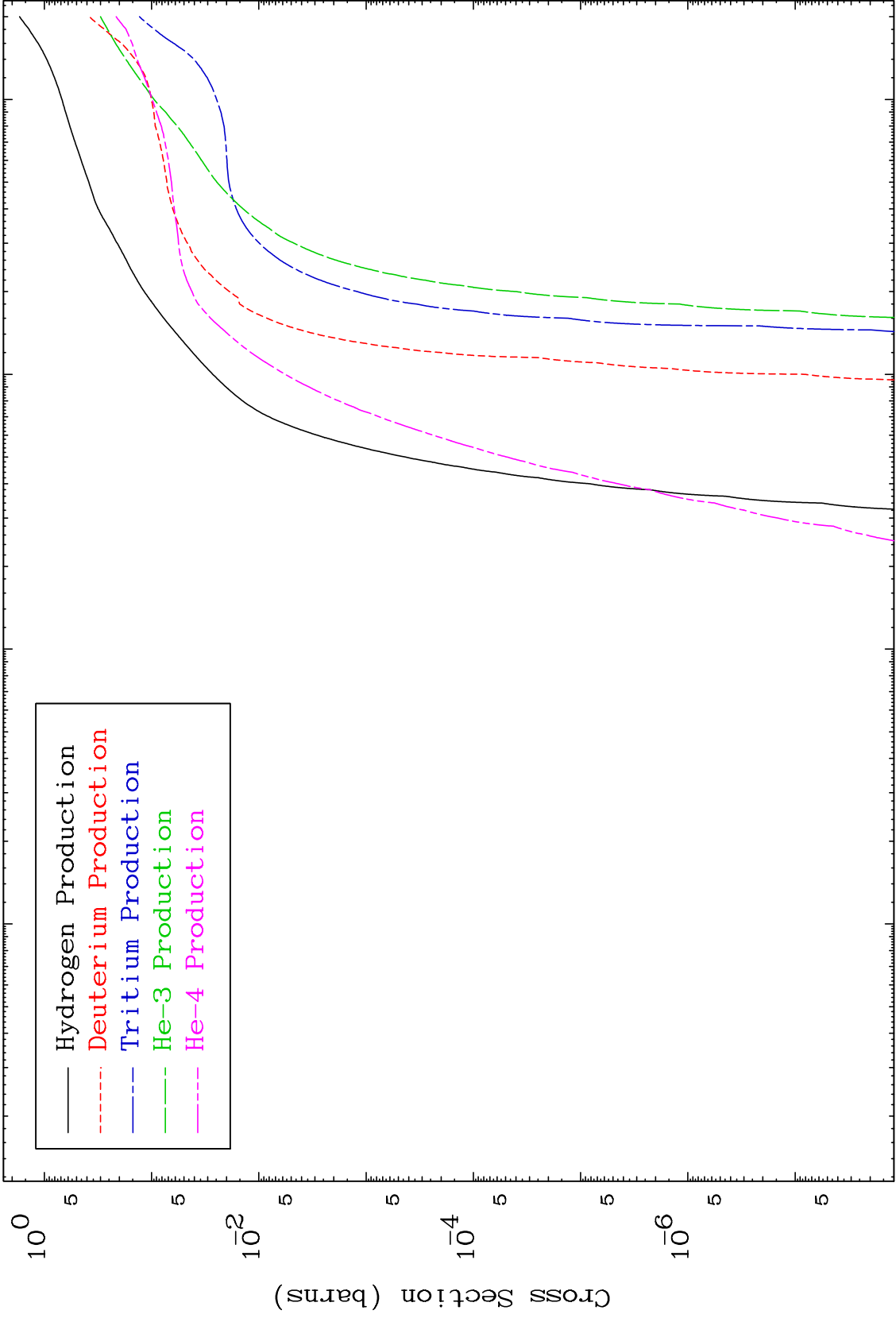
34-Se-76



MAT 3431

Particle Production  
293 Kelvin Cross Sections

<sup>34</sup>Se-76



6

Incident Energy (MeV)

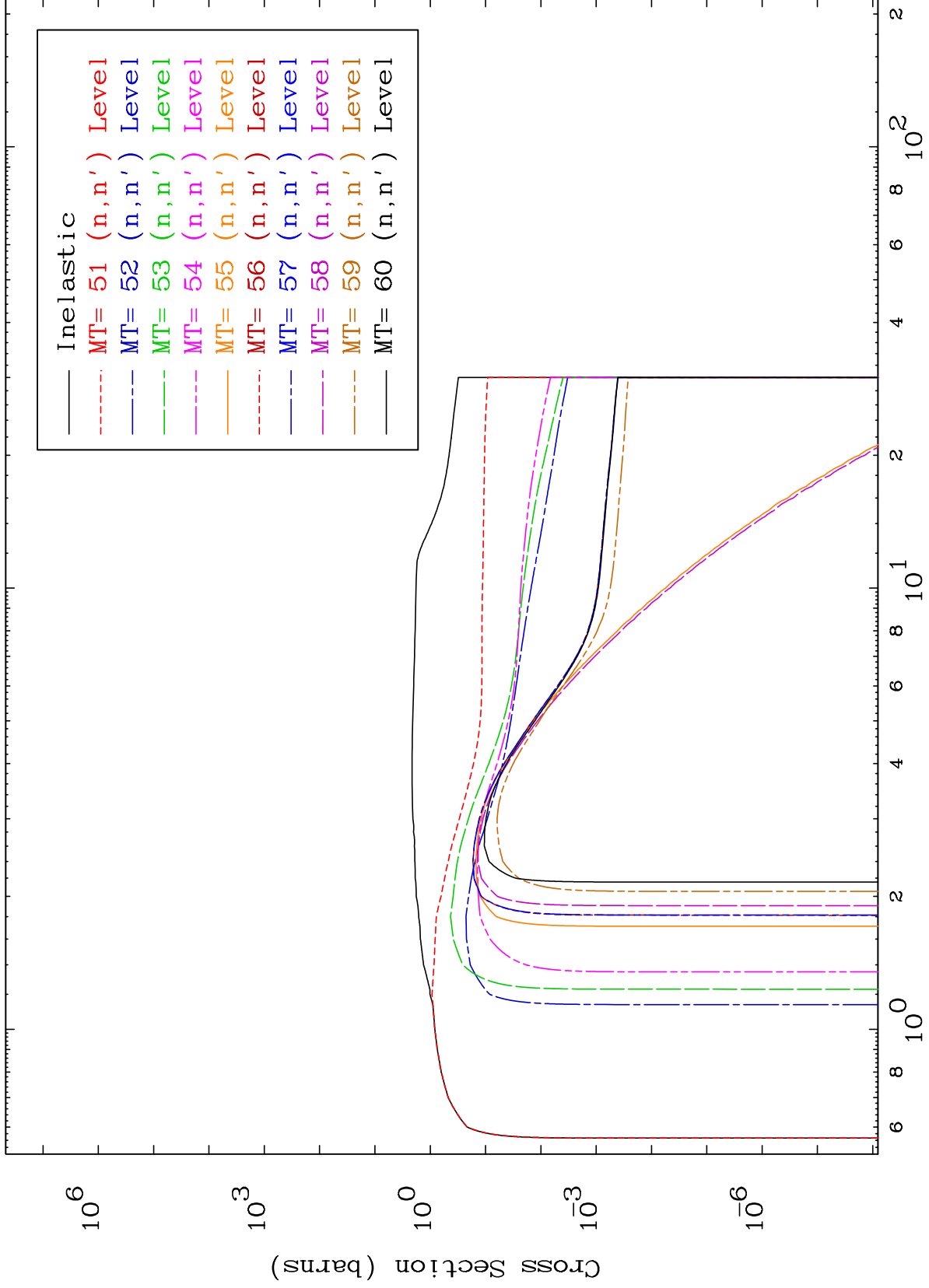
<sup>34</sup>Se-76

MAT 3431

(n,n') Level

34-Se-76

293 Kelvin Cross Sections



7

Incident Energy (MeV)

34-Se-76

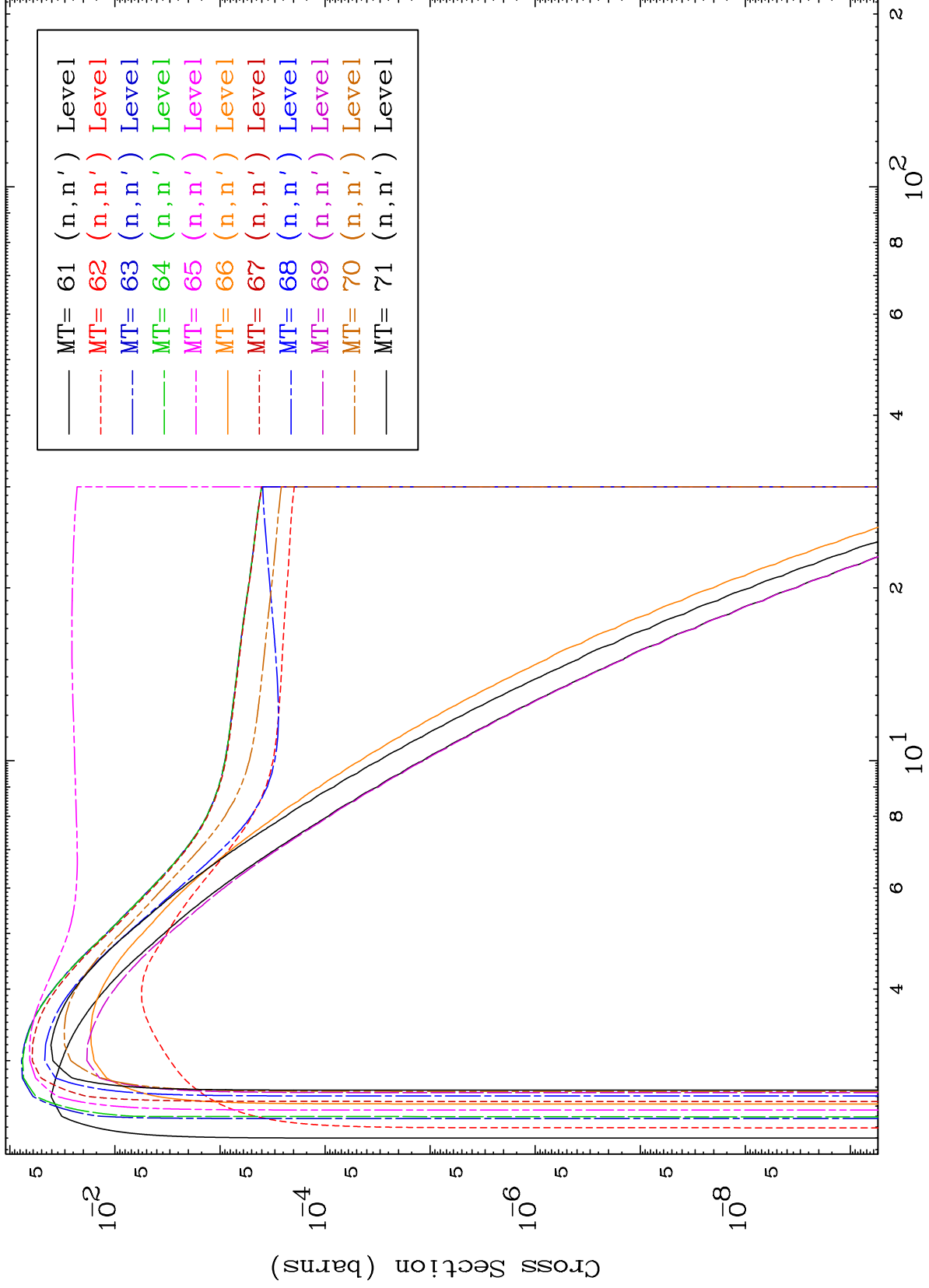


MAT 3431

(n,n') Level

34-Se-76

293 Kelvin Cross Sections



8

Incident Energy (MeV)

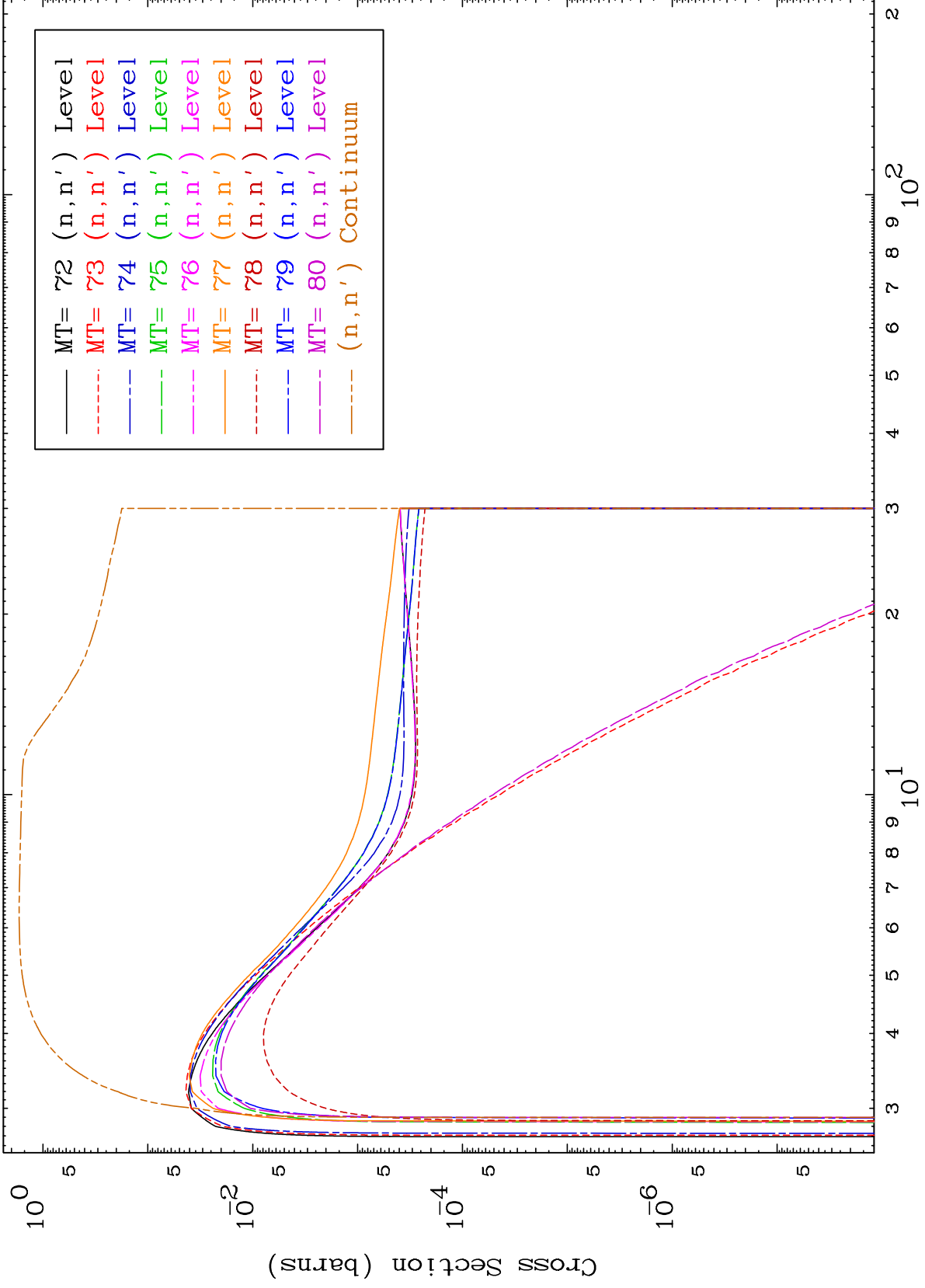
34-Se-76

MAT 3431

(n,n') Level

34-Se-76

293 Kelvin Cross Sections



9

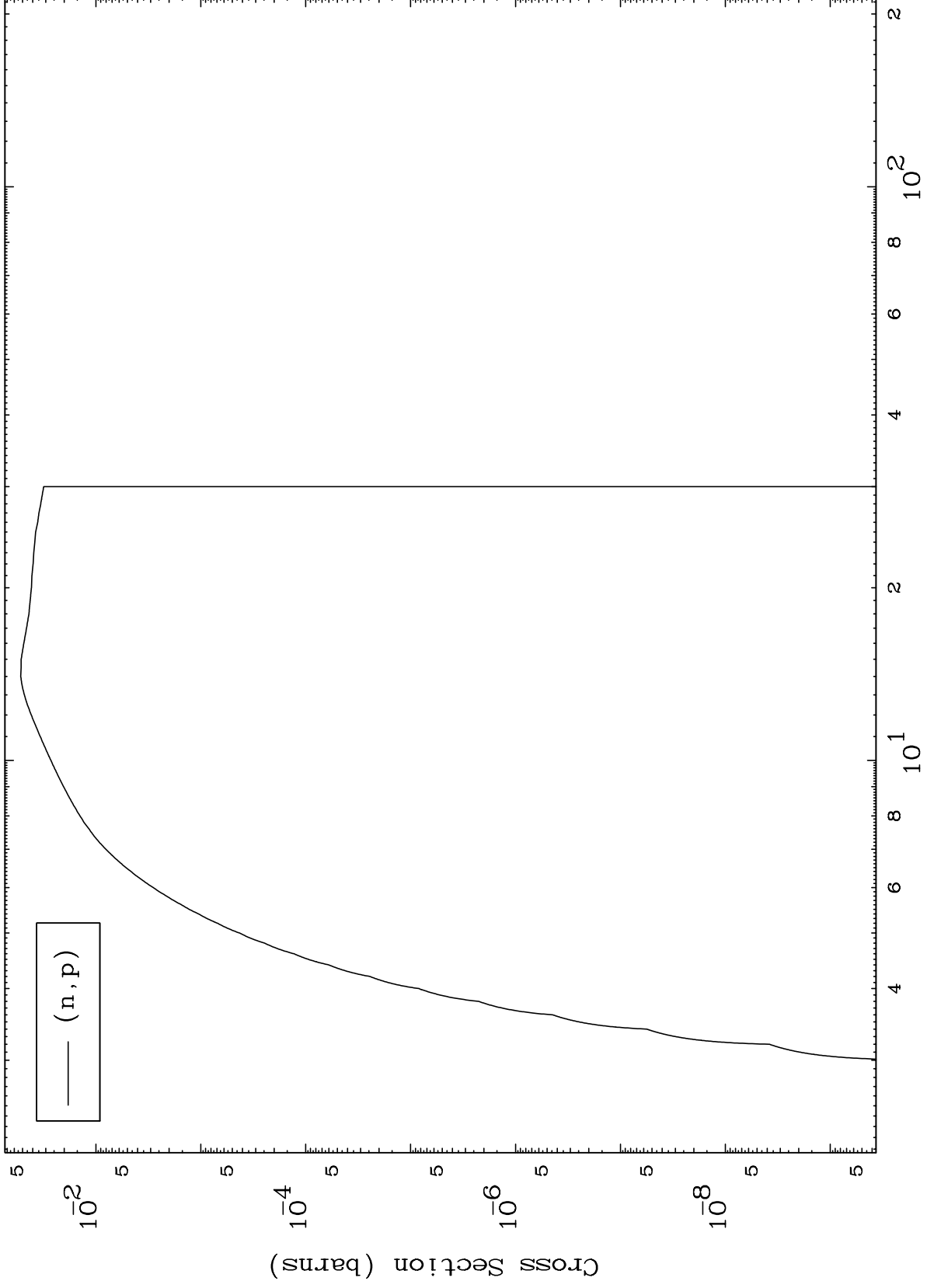
Incident Energy (MeV)

34-Se-76

MAT 3431

(n,p) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-76



10

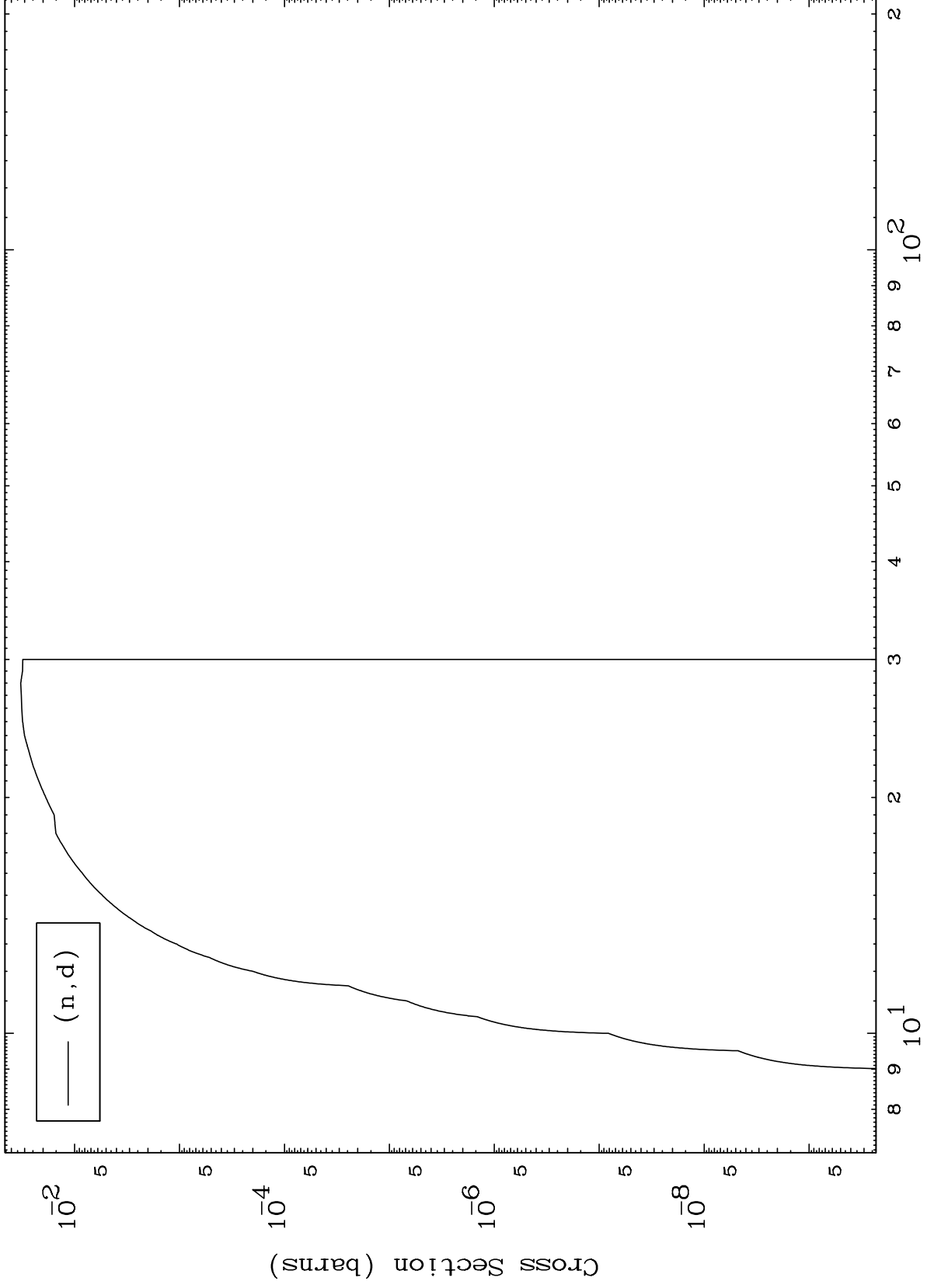
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

(n,d) Levels  
293 Kelvin Cross Sections

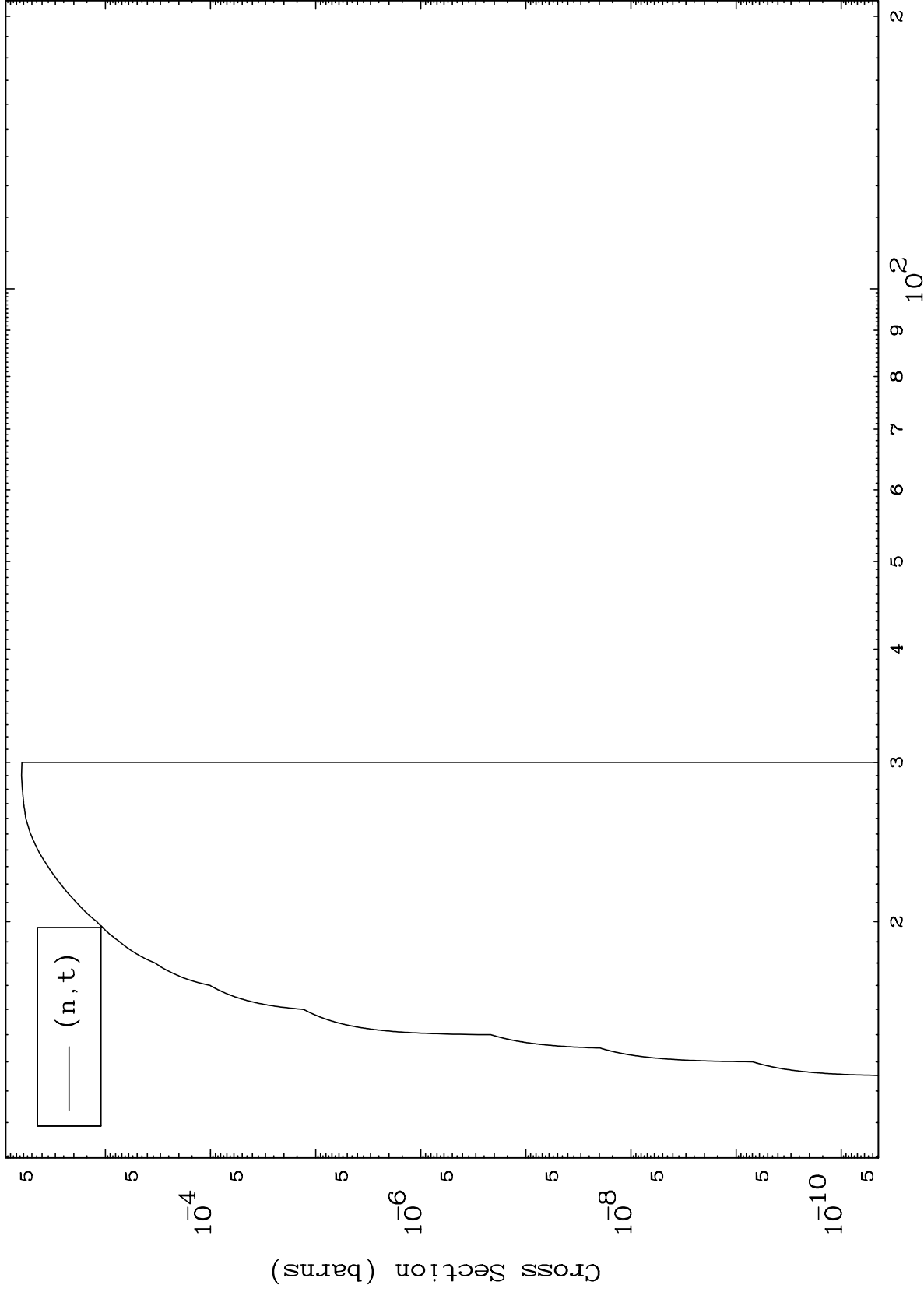
<sup>34</sup>Se-76



MAT 3431

(n,t) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-76



12

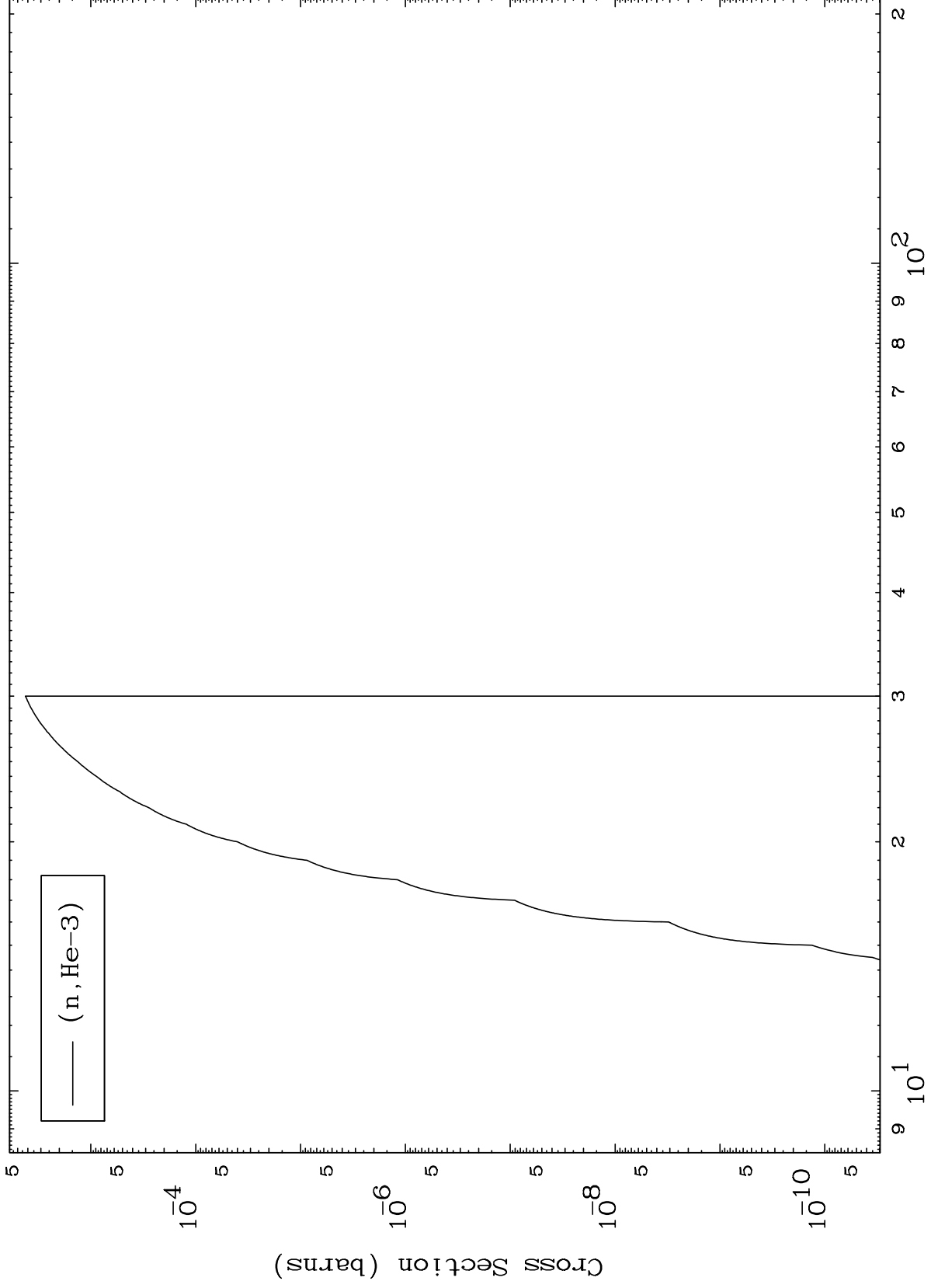
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

(n,He3) Levels  
293 Kelvin Cross Sections

<sup>34</sup>Se-76



13

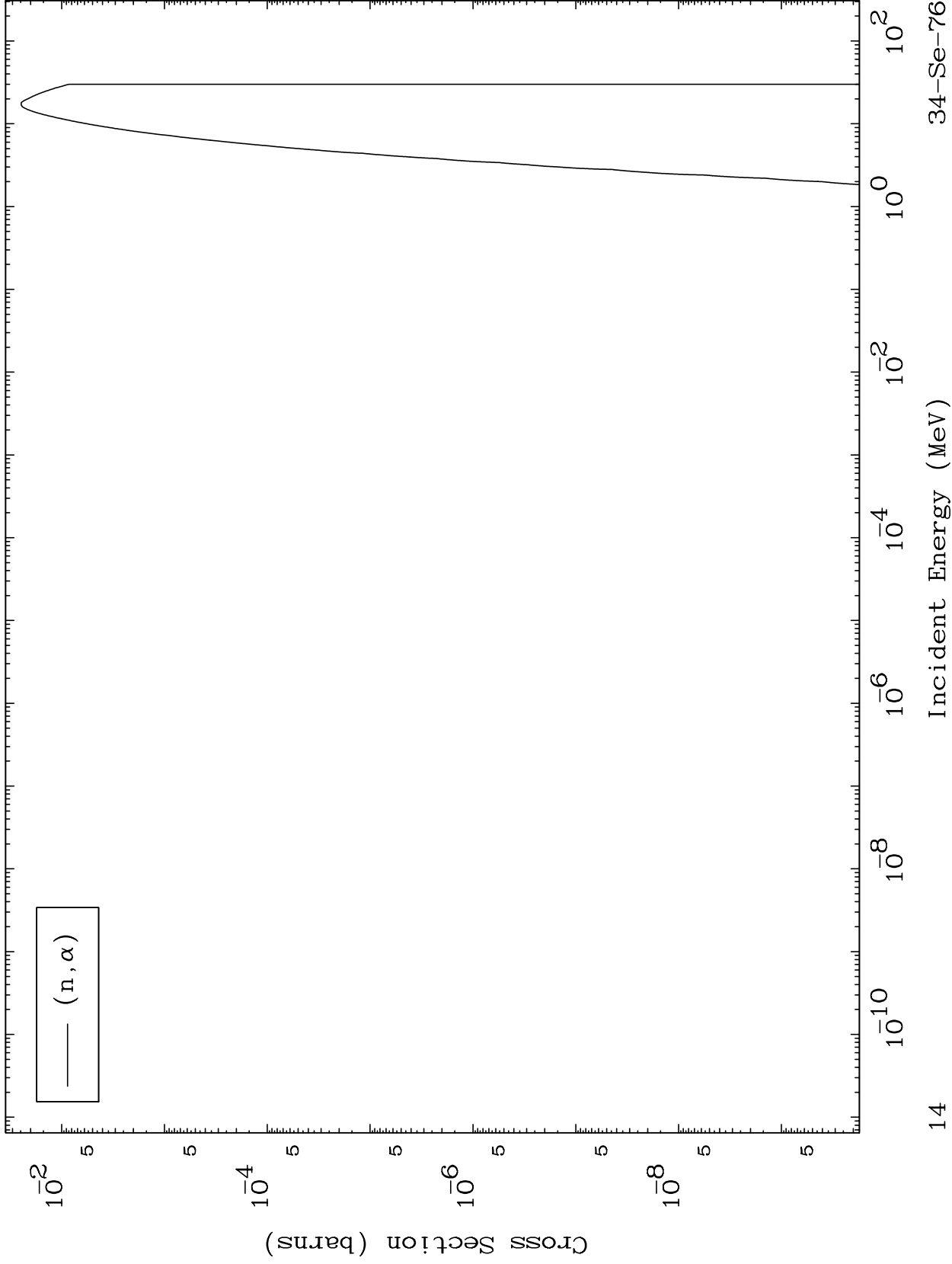
Incident Energy (MeV)

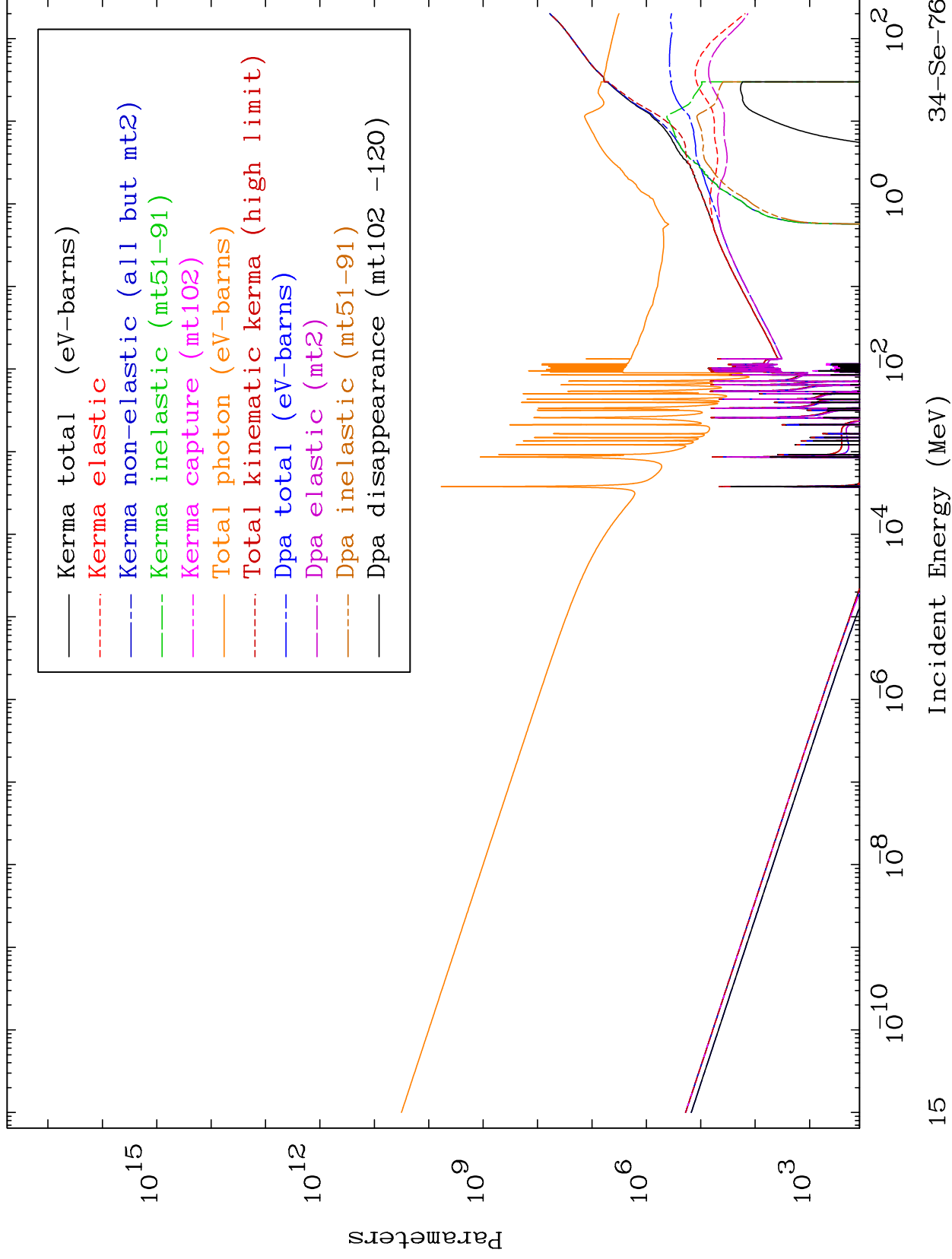
<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



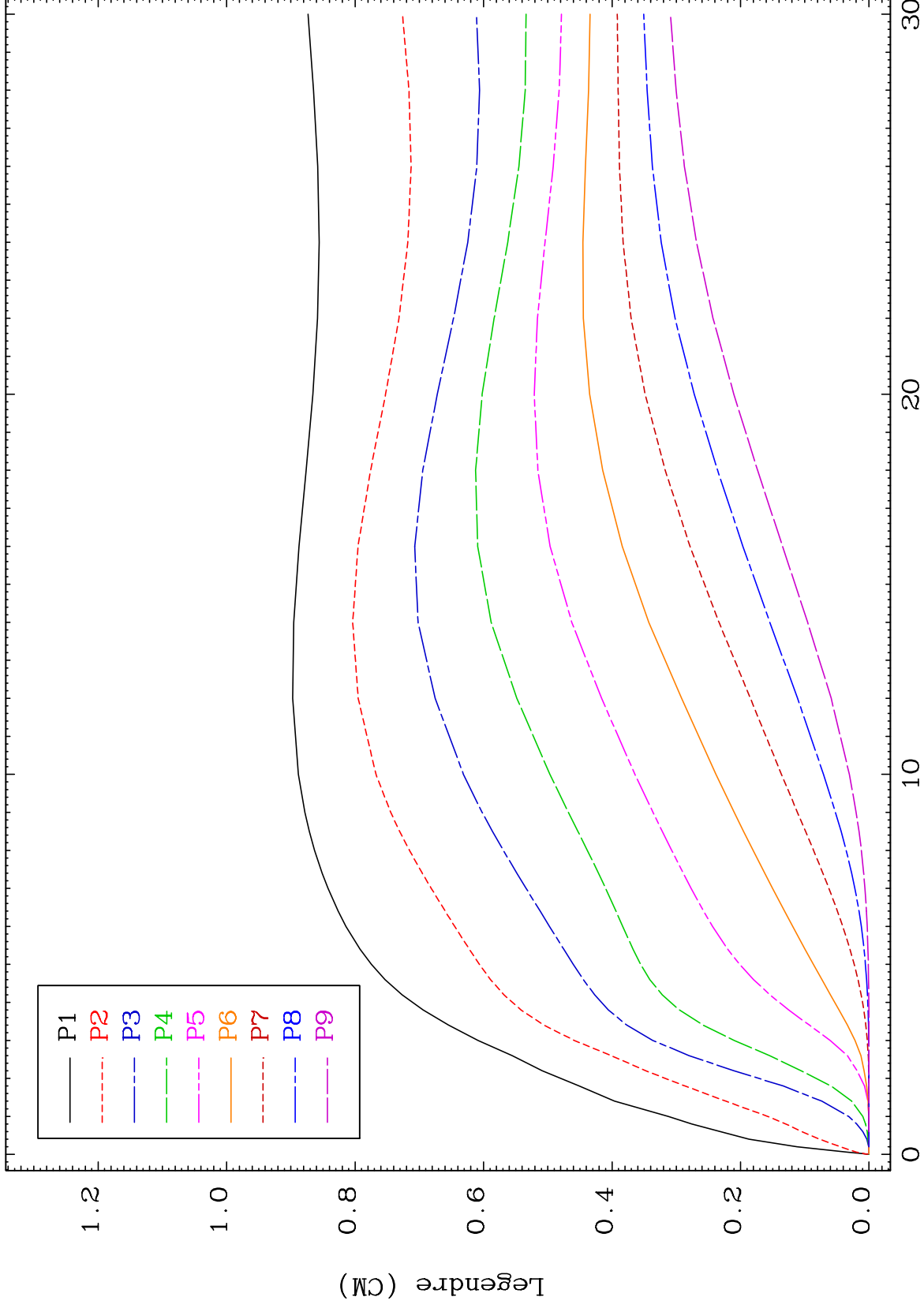




MAT 3431

Elastic Legendre Coefficients

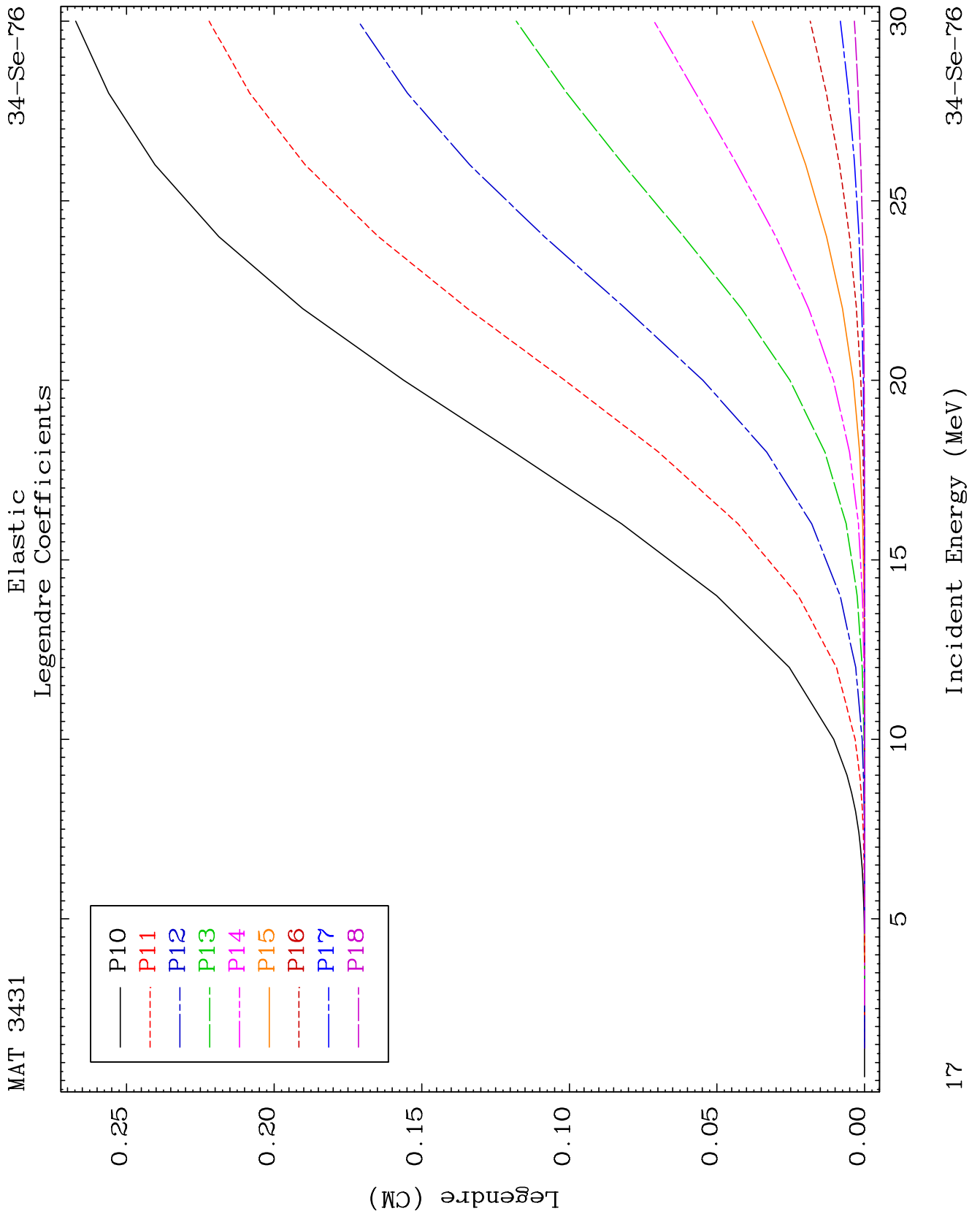
<sup>34</sup>Se-76



16

Incident Energy (MeV)

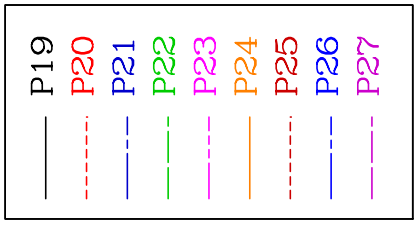
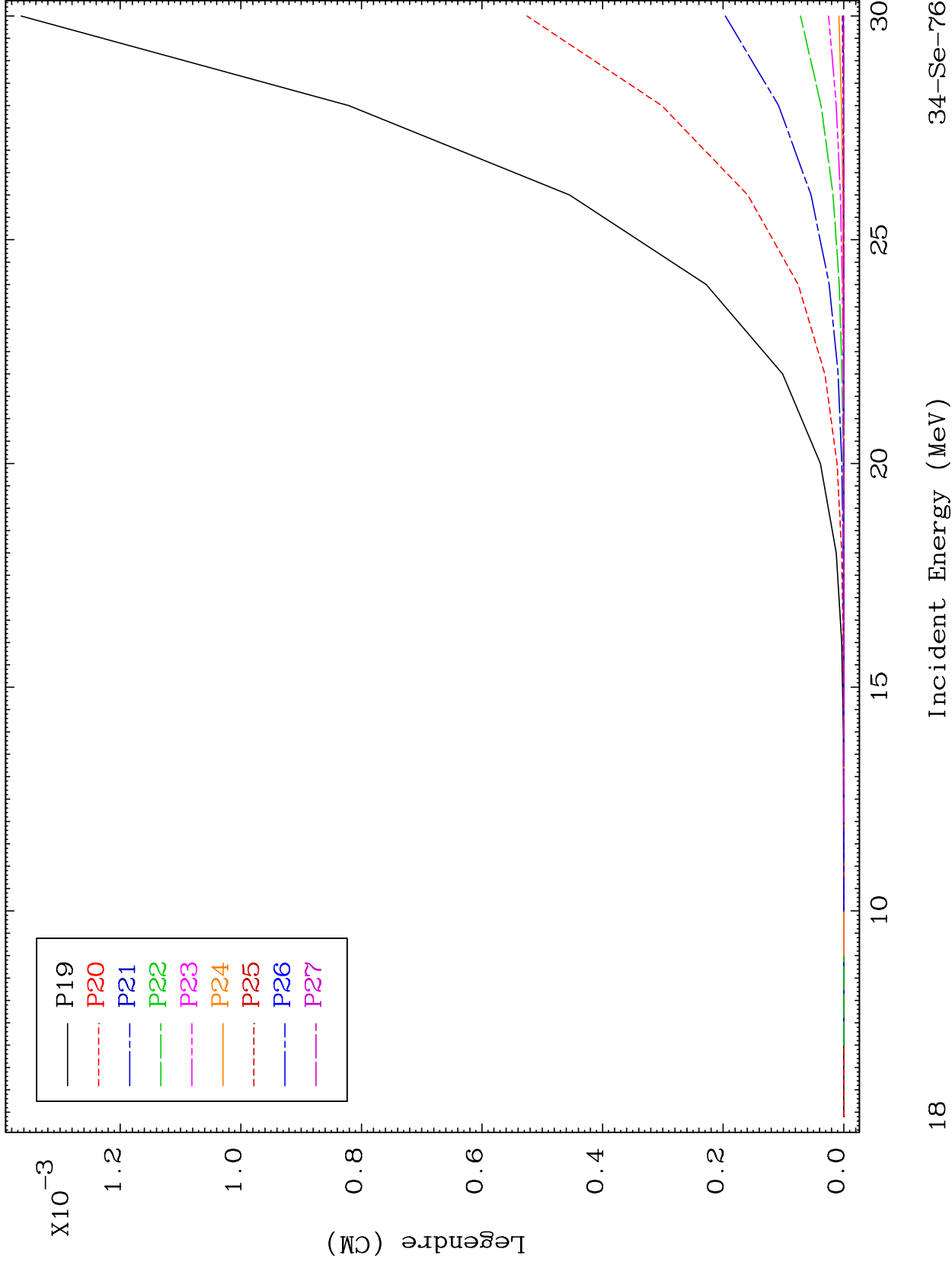
<sup>34</sup>Se-76

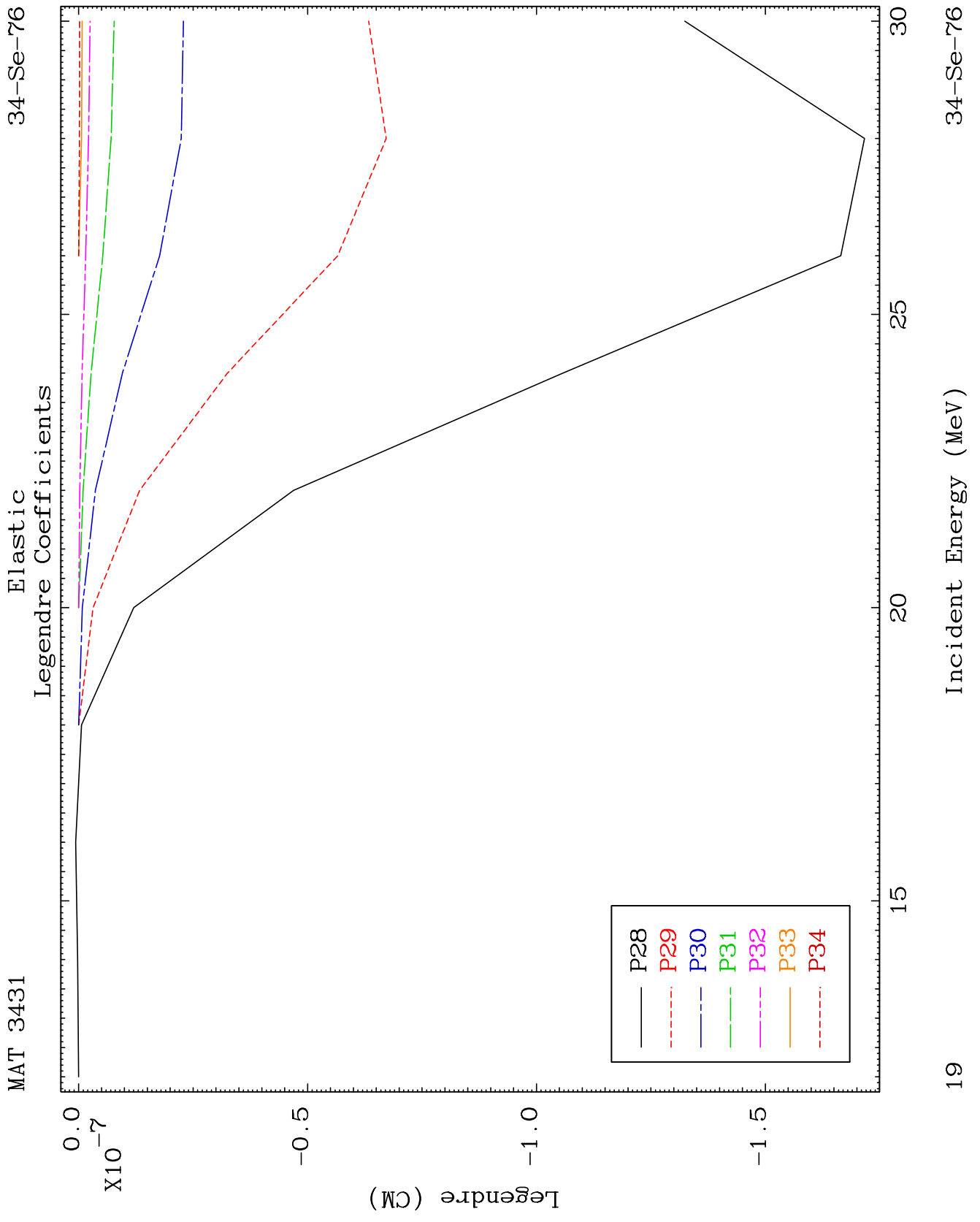


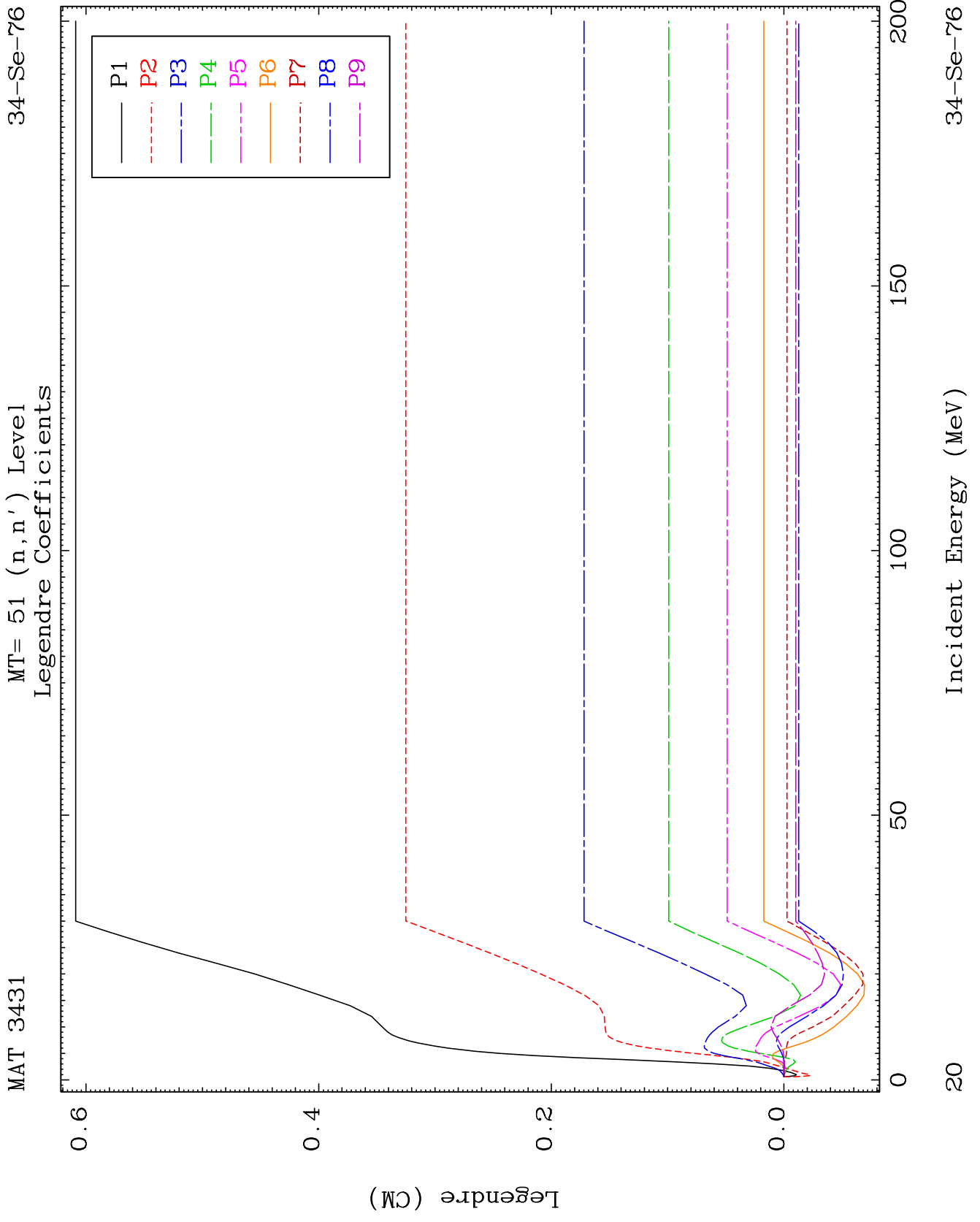
MAT 3431

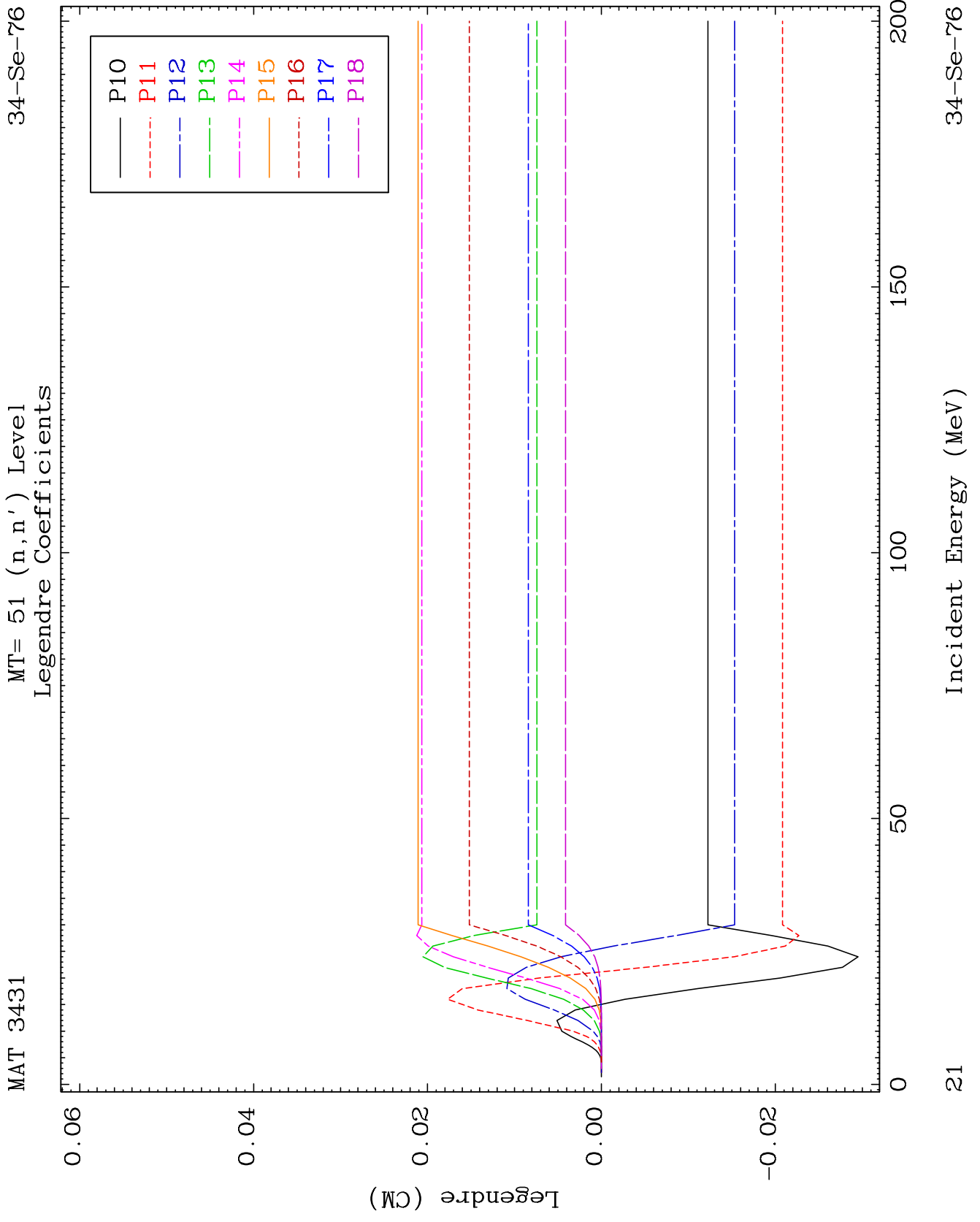
Elastic  
Legendre Coefficients

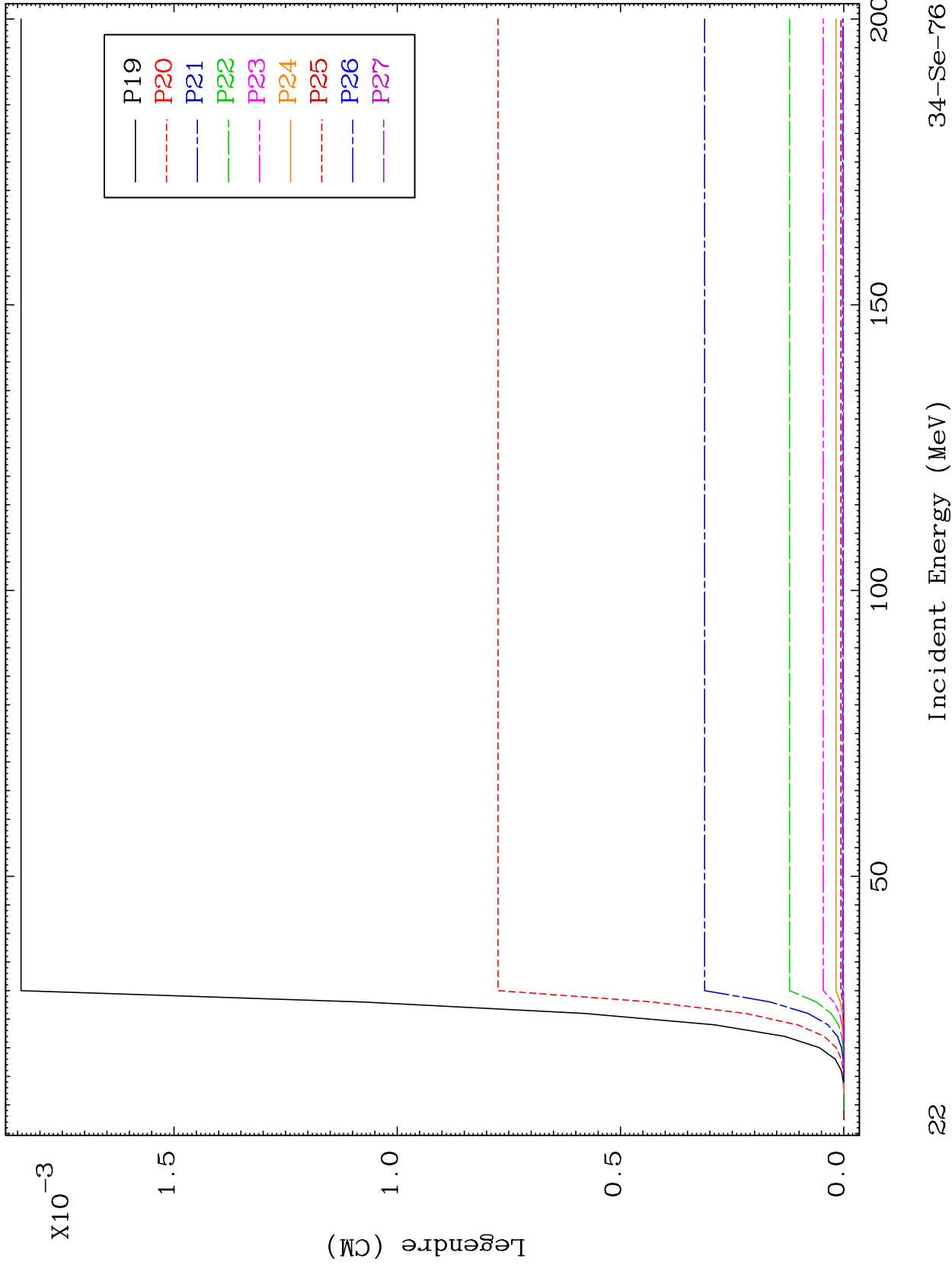
<sup>34</sup>Se-76







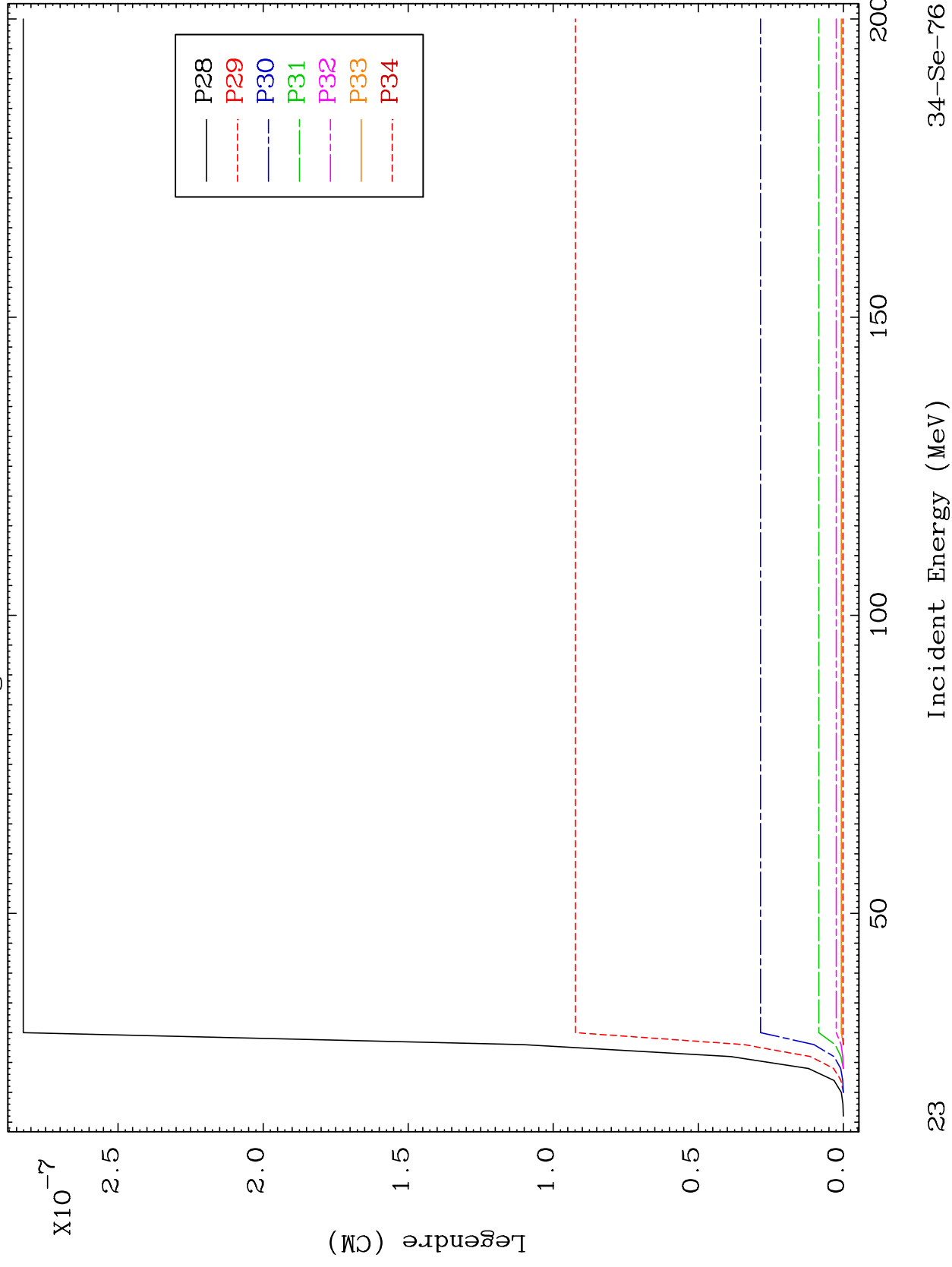




MAT 3431

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

34-Se-76



23

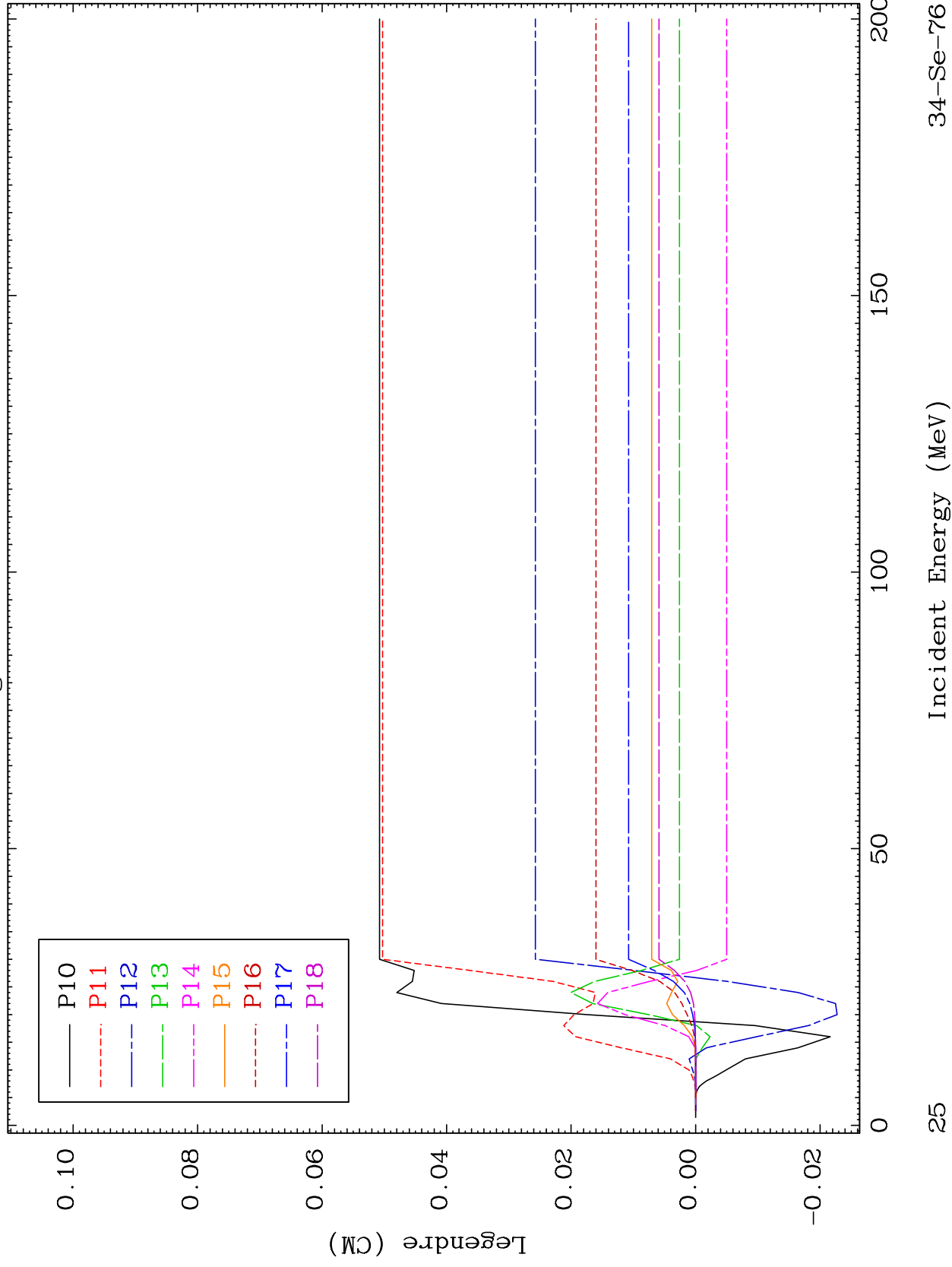




MAT 3431

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

34-Se-76



34-Se-76

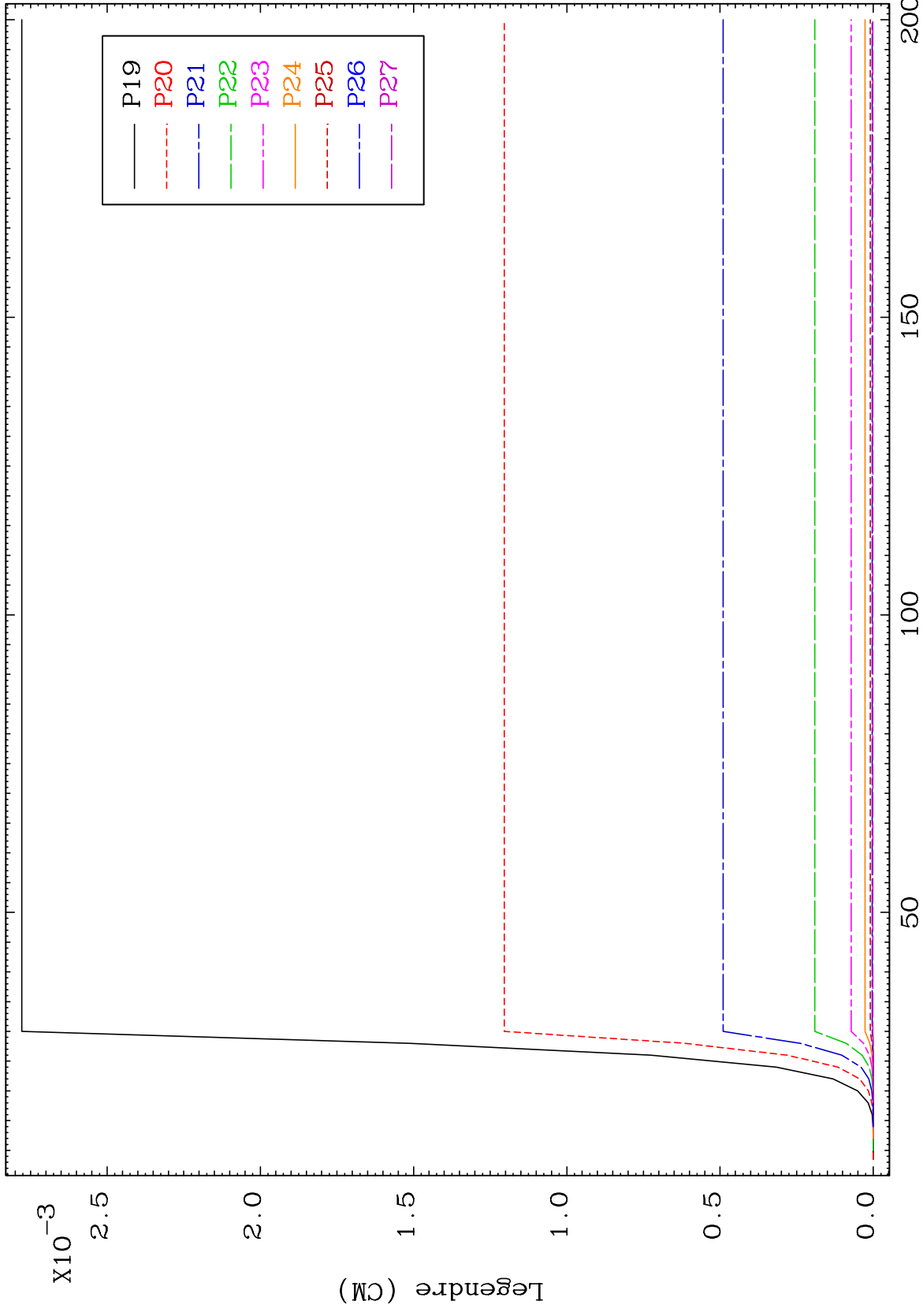
Incident Energy (MeV)

25

MAT 3431

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

34-Se-76



26

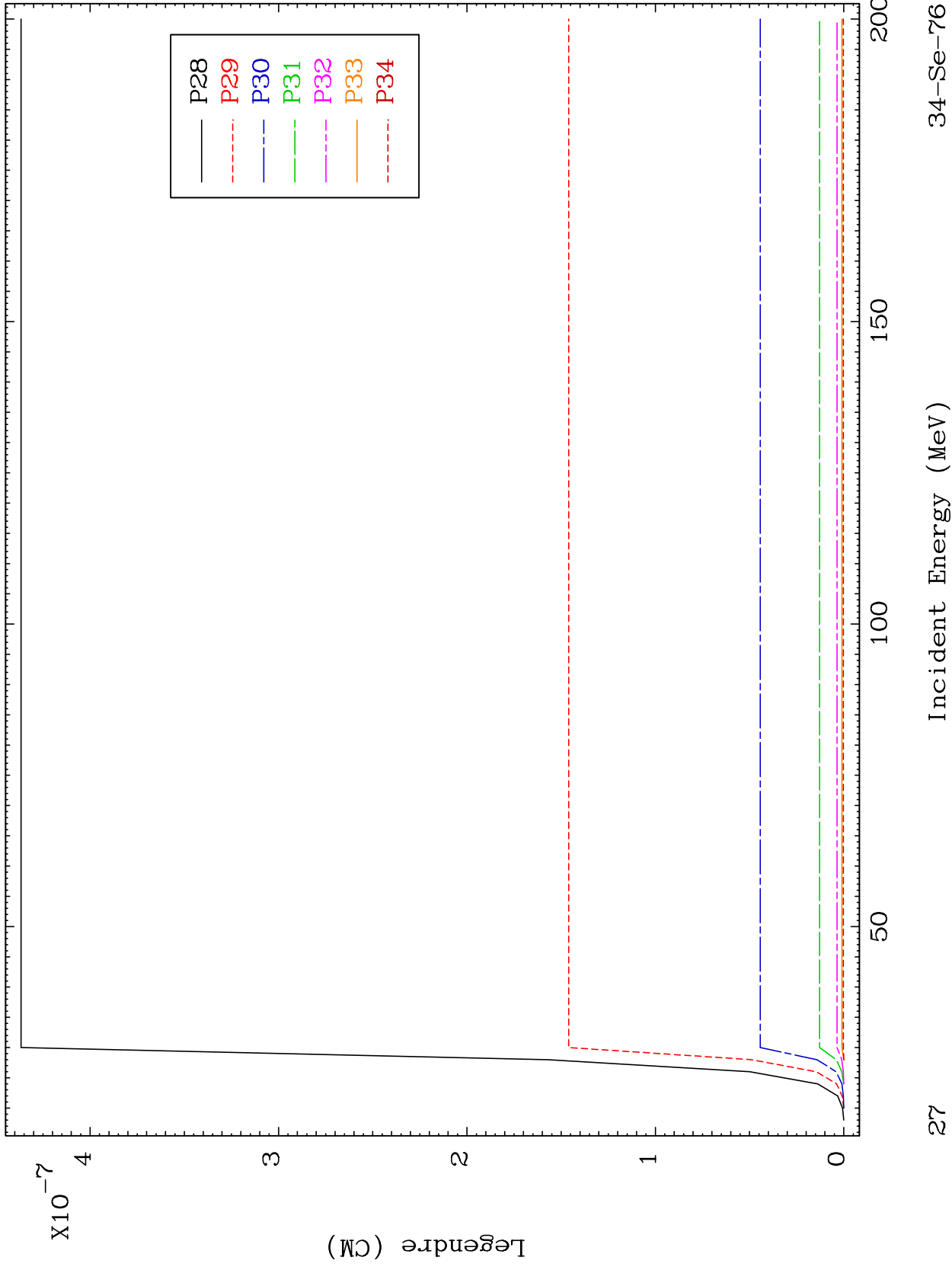
Incident Energy (MeV)

34-Se-76

MAT 3431

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

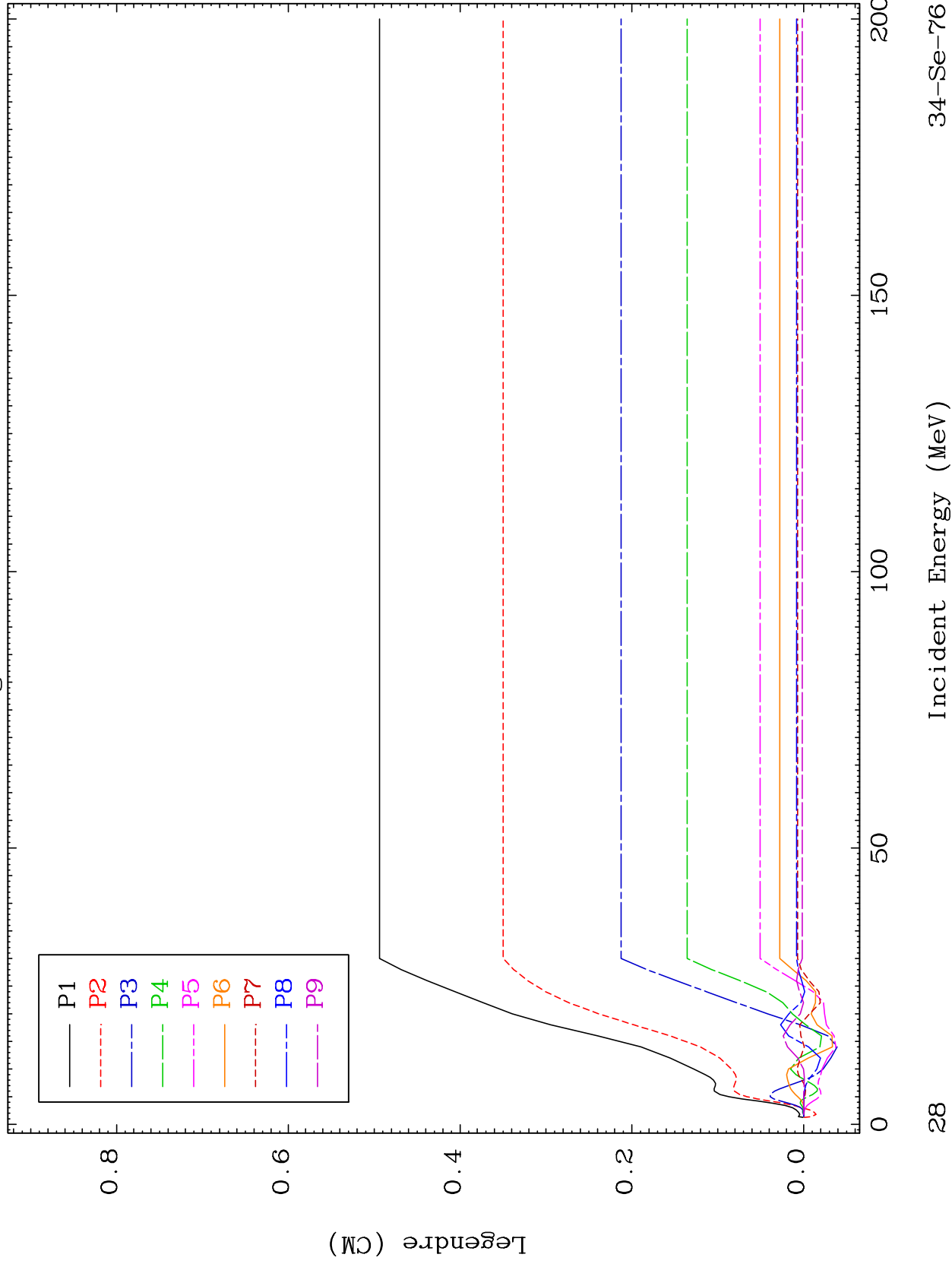
34-Se-76



MAT 3431

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

<sup>34</sup>Se-76



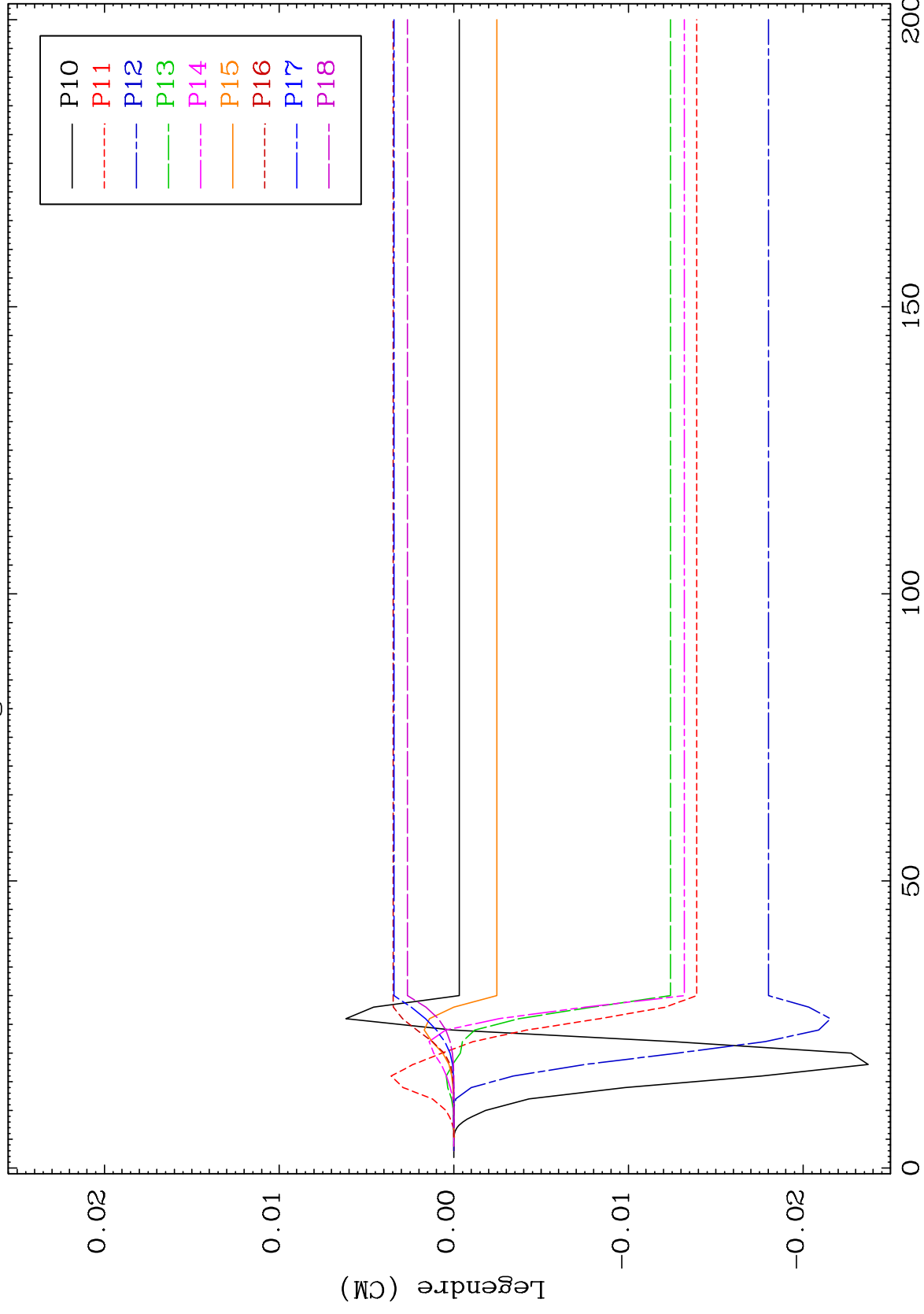
28

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



29

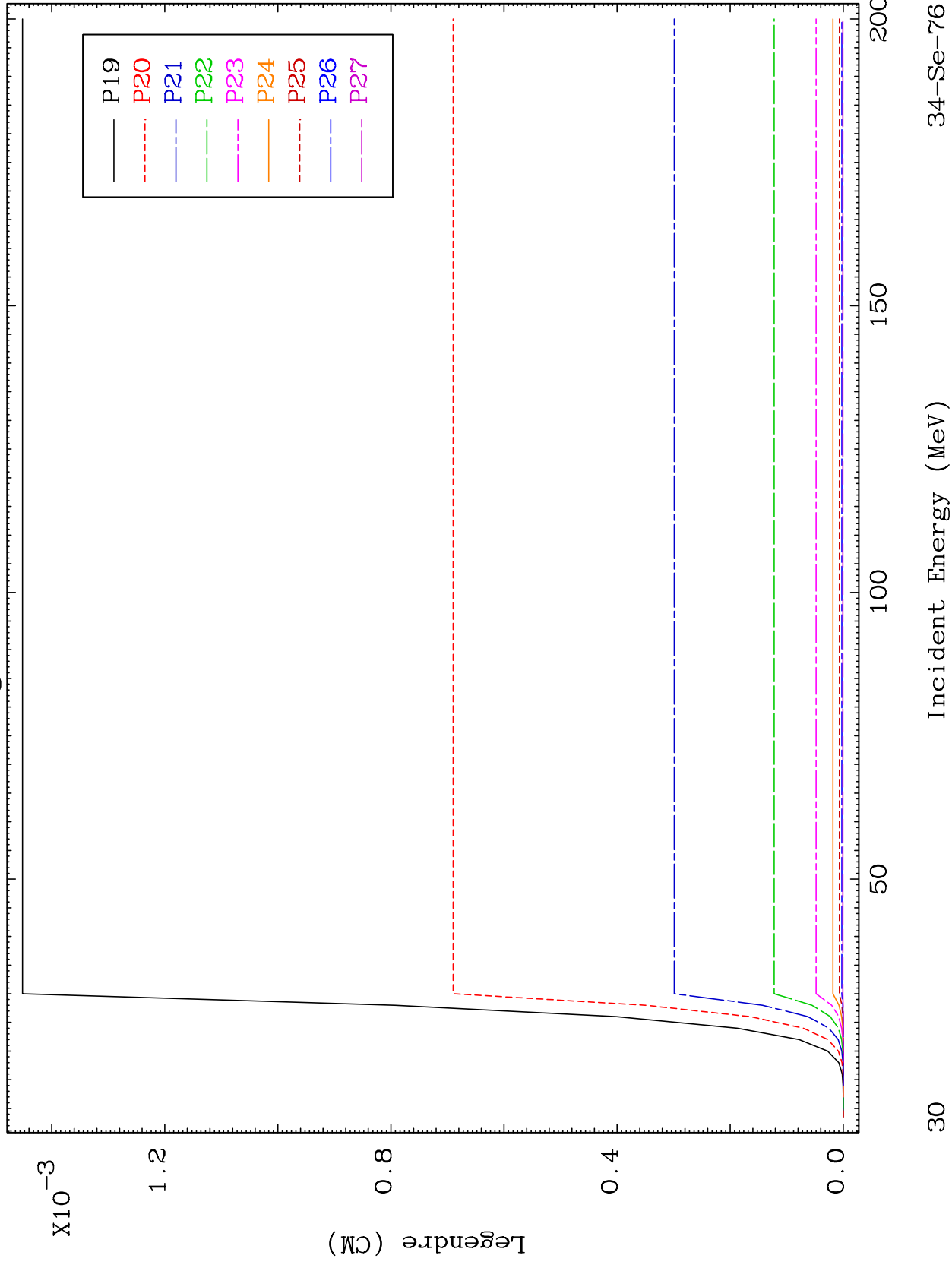
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

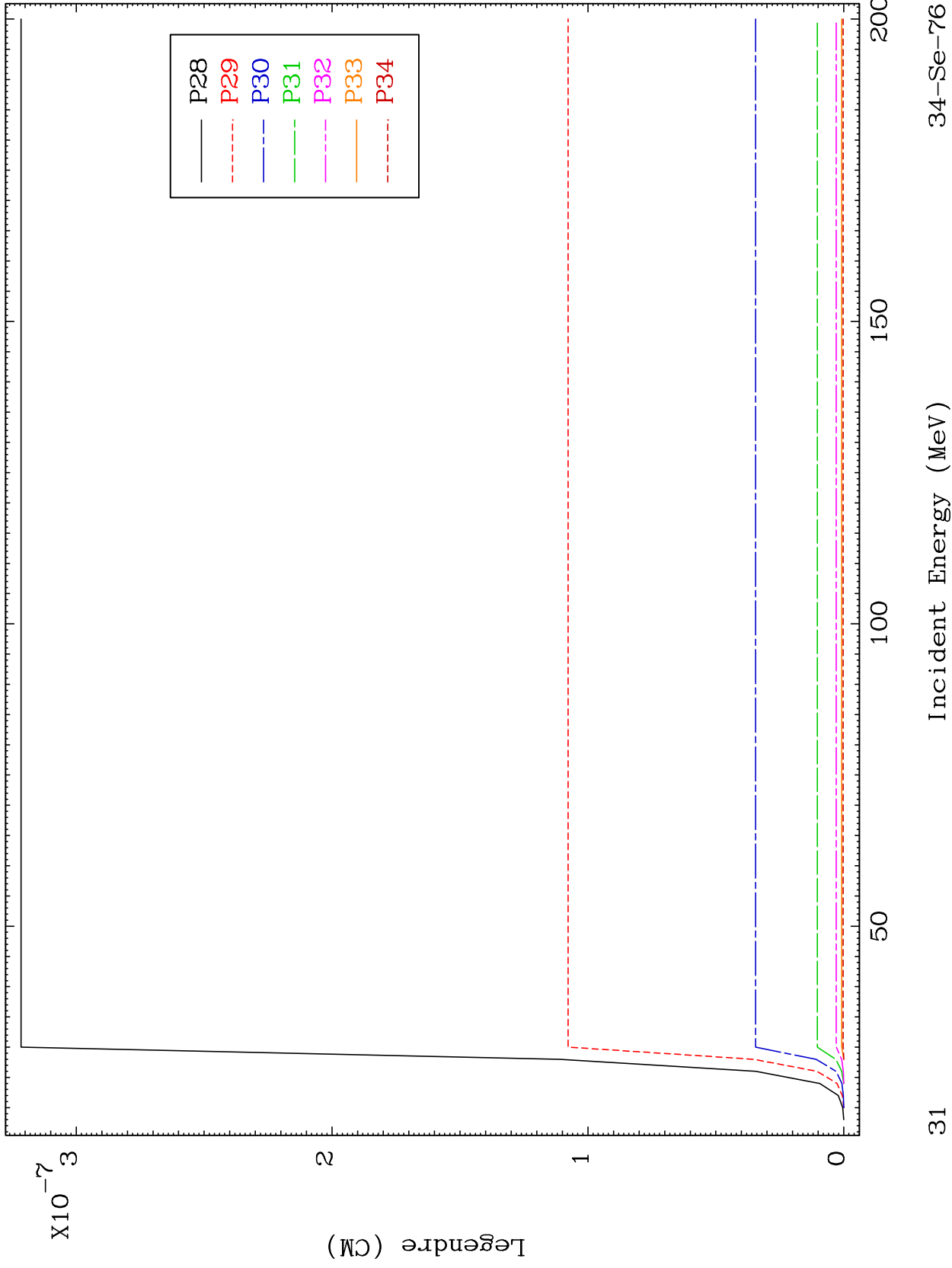
<sup>34</sup>Se-76



MAT 3431

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

34-Se-76

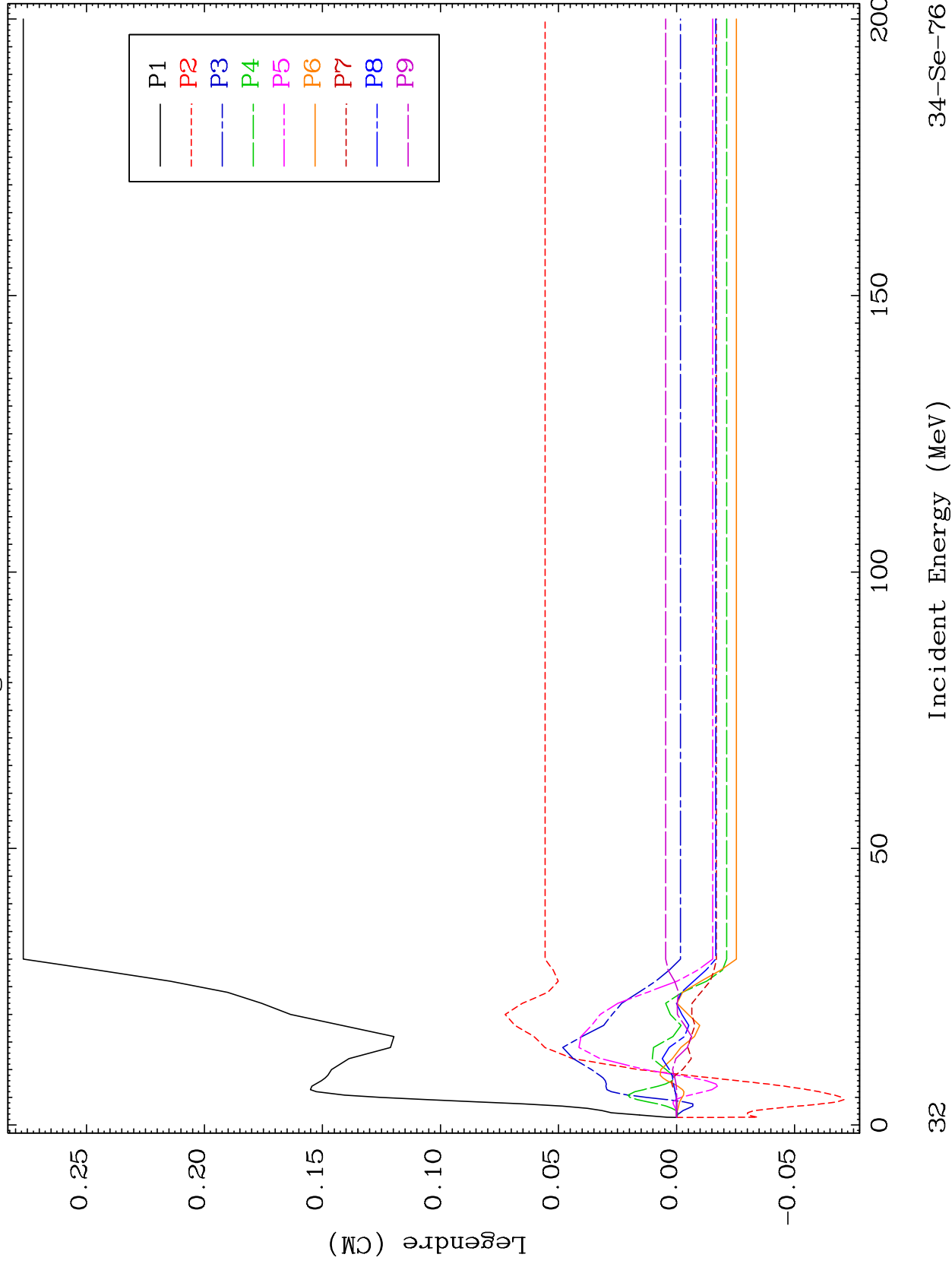




MAT 3431

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

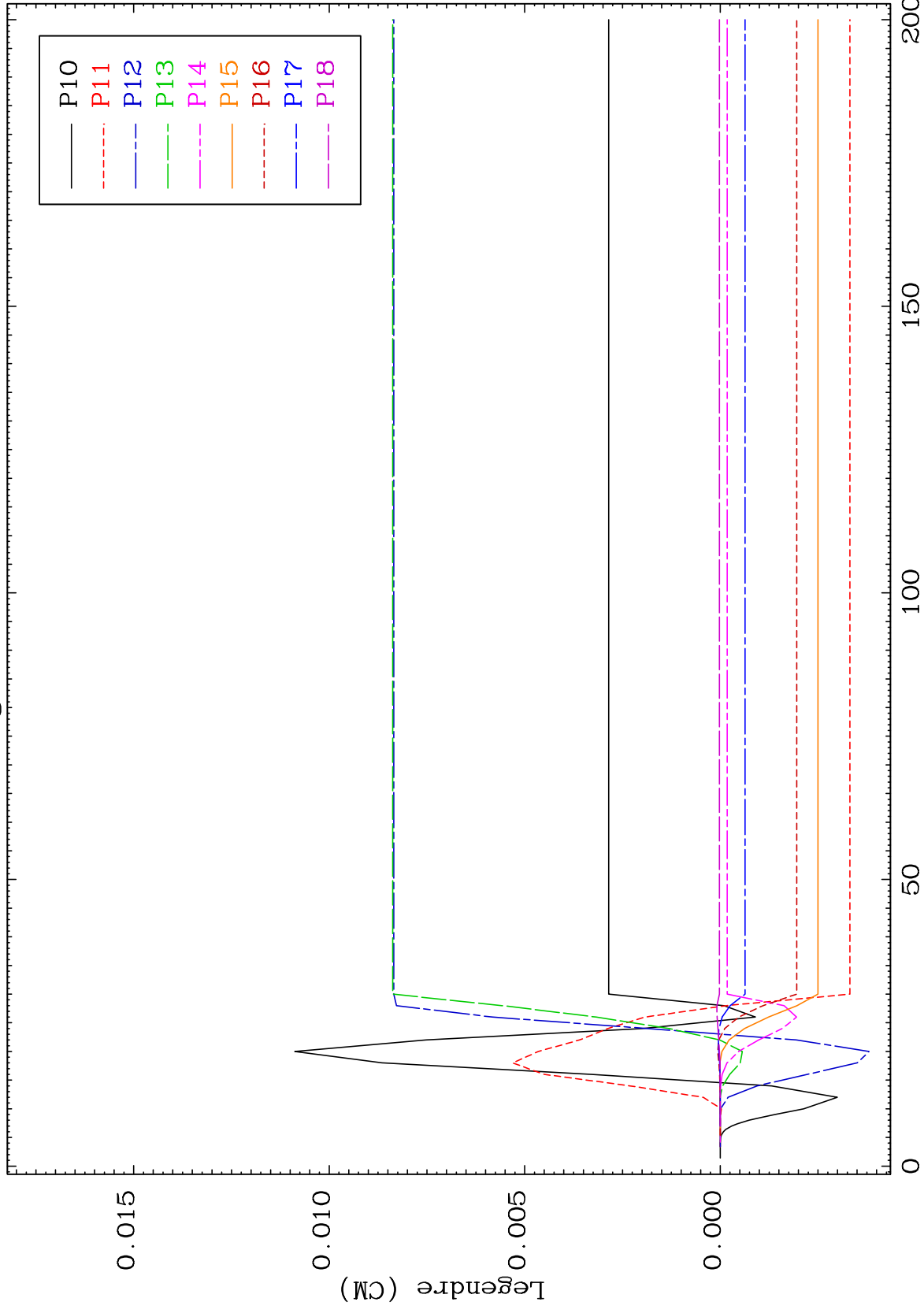
<sup>34</sup>Se-76



MAT 3431

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

<sup>34</sup>Se-76



33

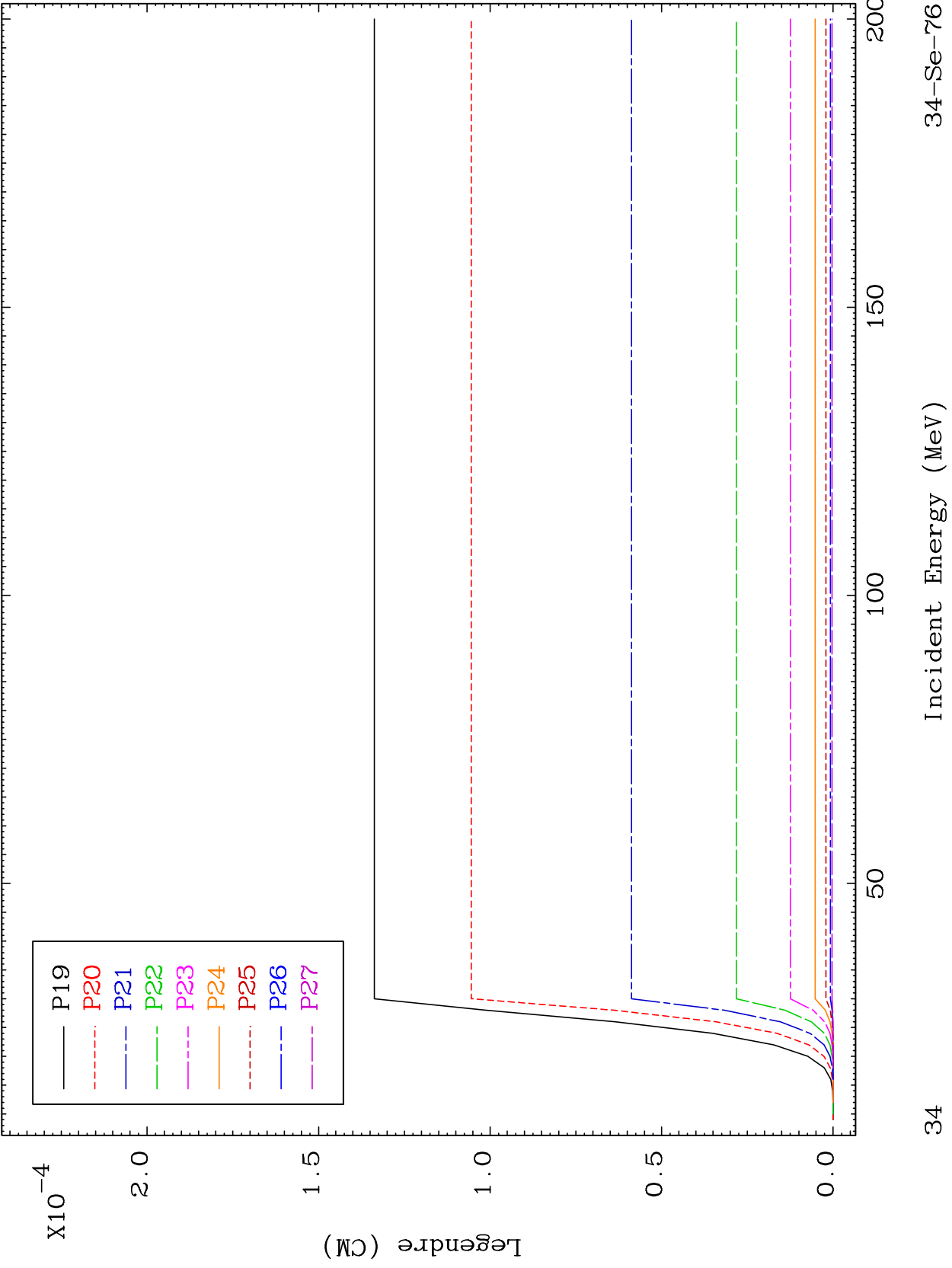
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

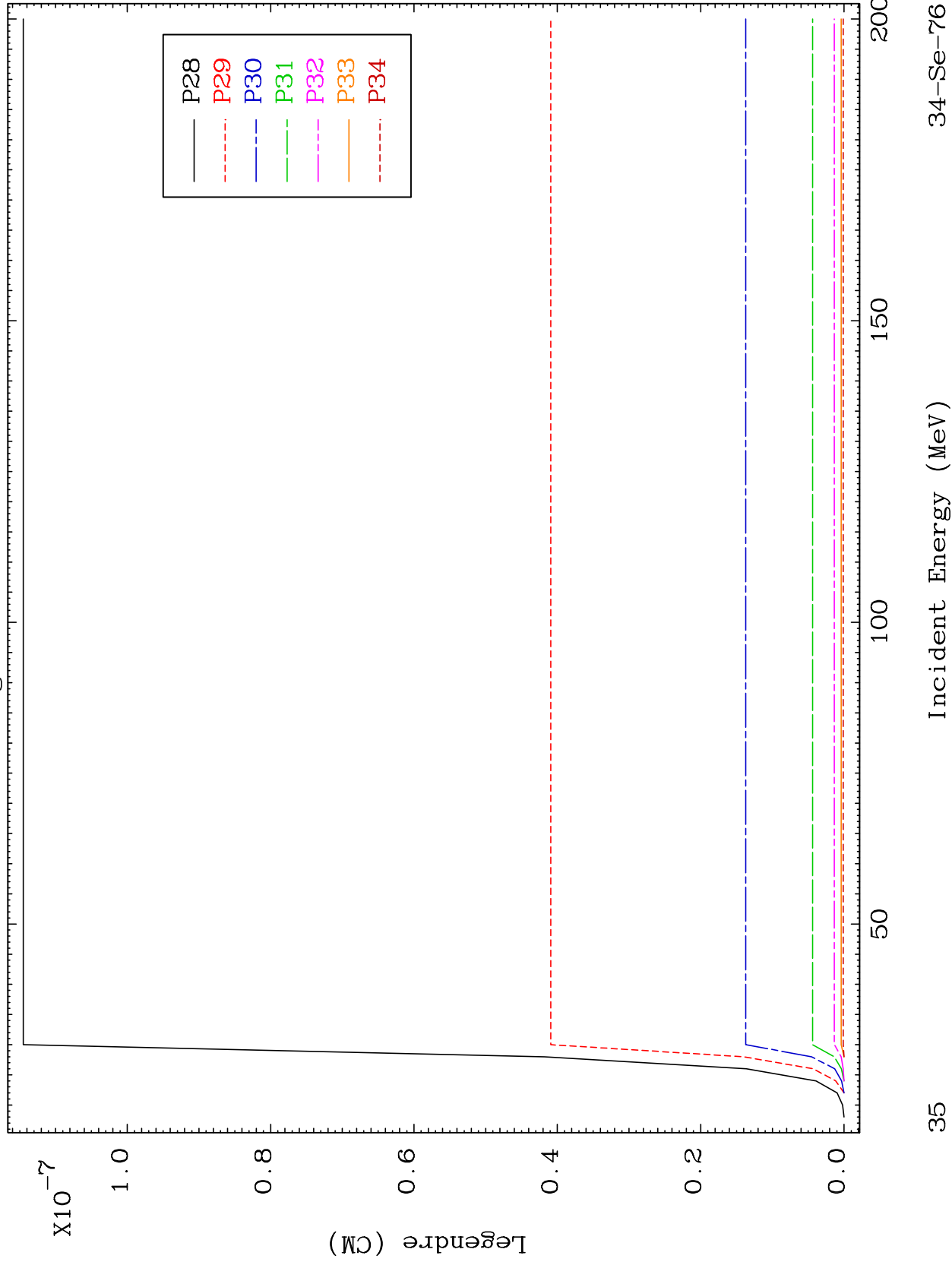
34-Se-76



MAT 3431

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

34-Se-76

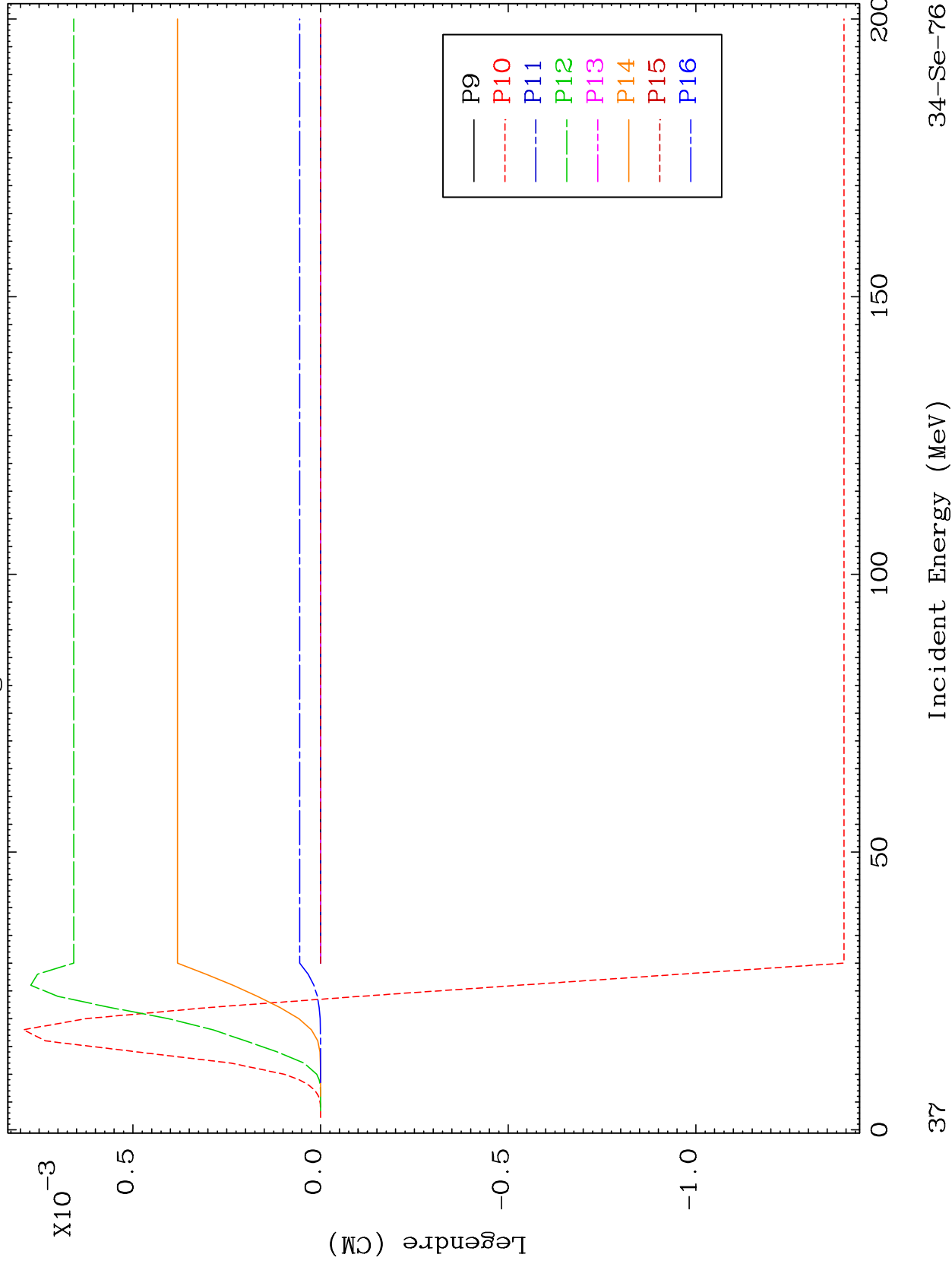




MAT 3431

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

<sup>34</sup>Se-76

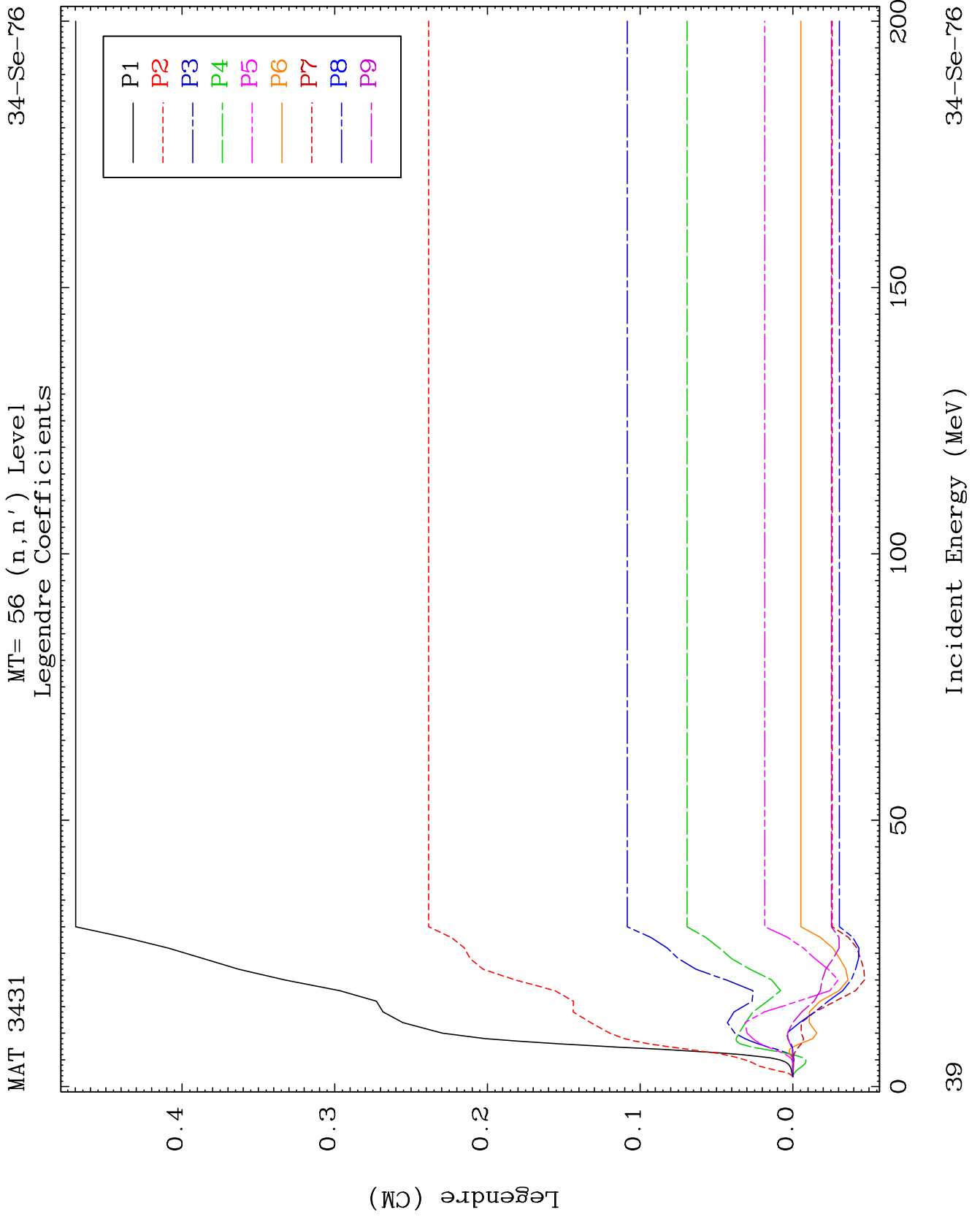


37

Incident Energy (MeV)

<sup>34</sup>Se-76



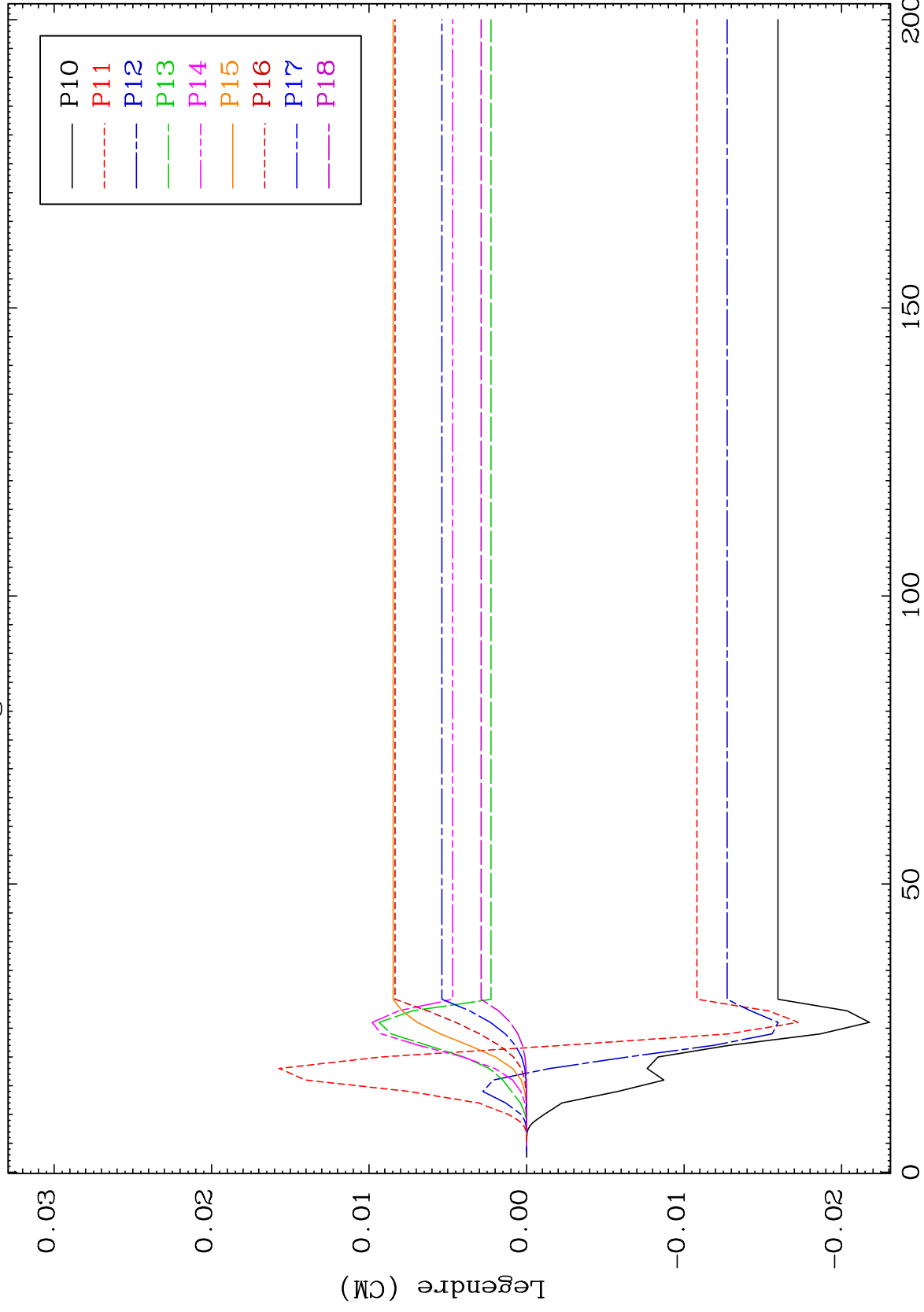




MAT 3431

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

<sup>34</sup>Se-76



<sup>34</sup>Se-76

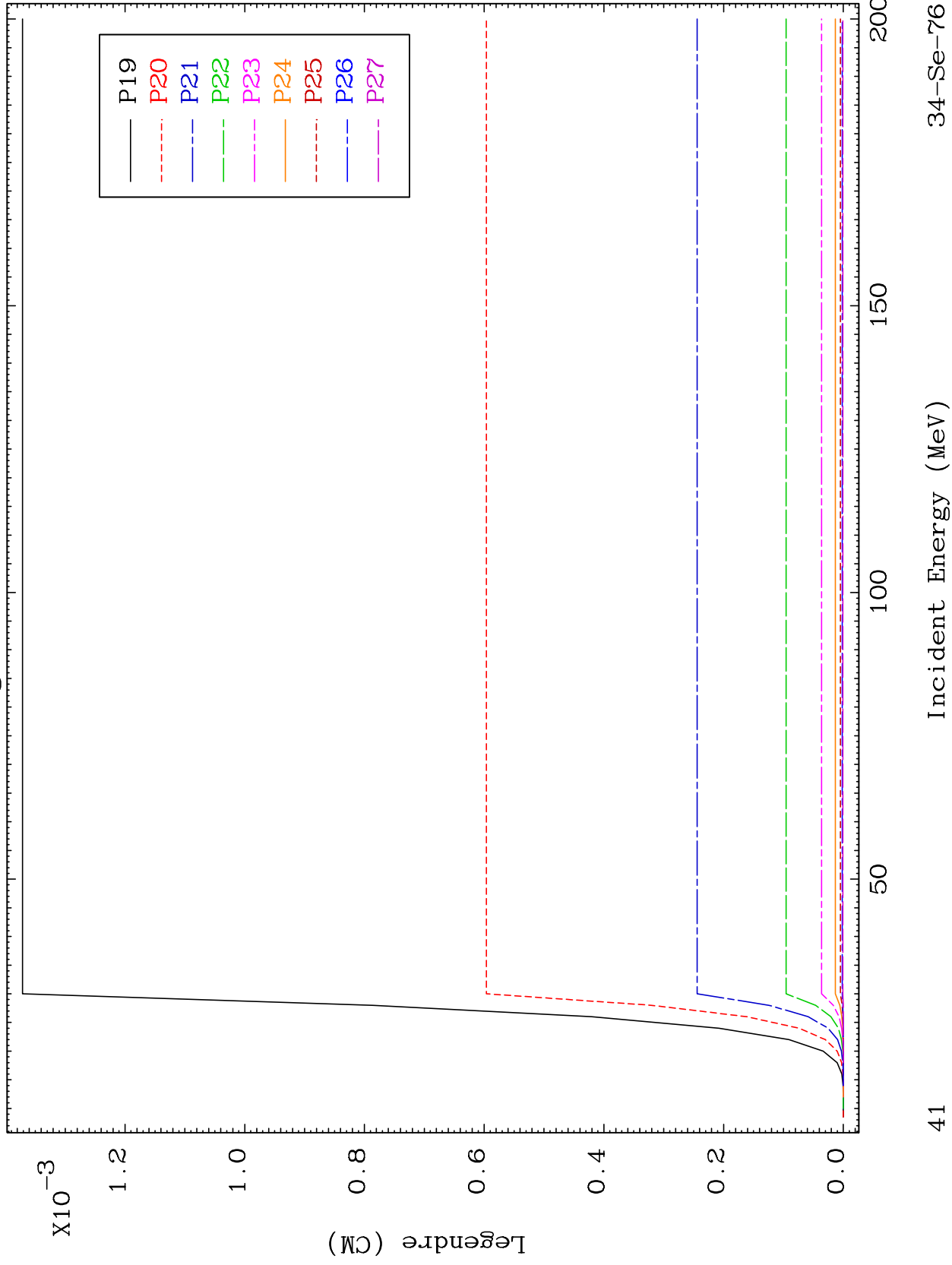
Incident Energy (MeV)

40

MAT 3431

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

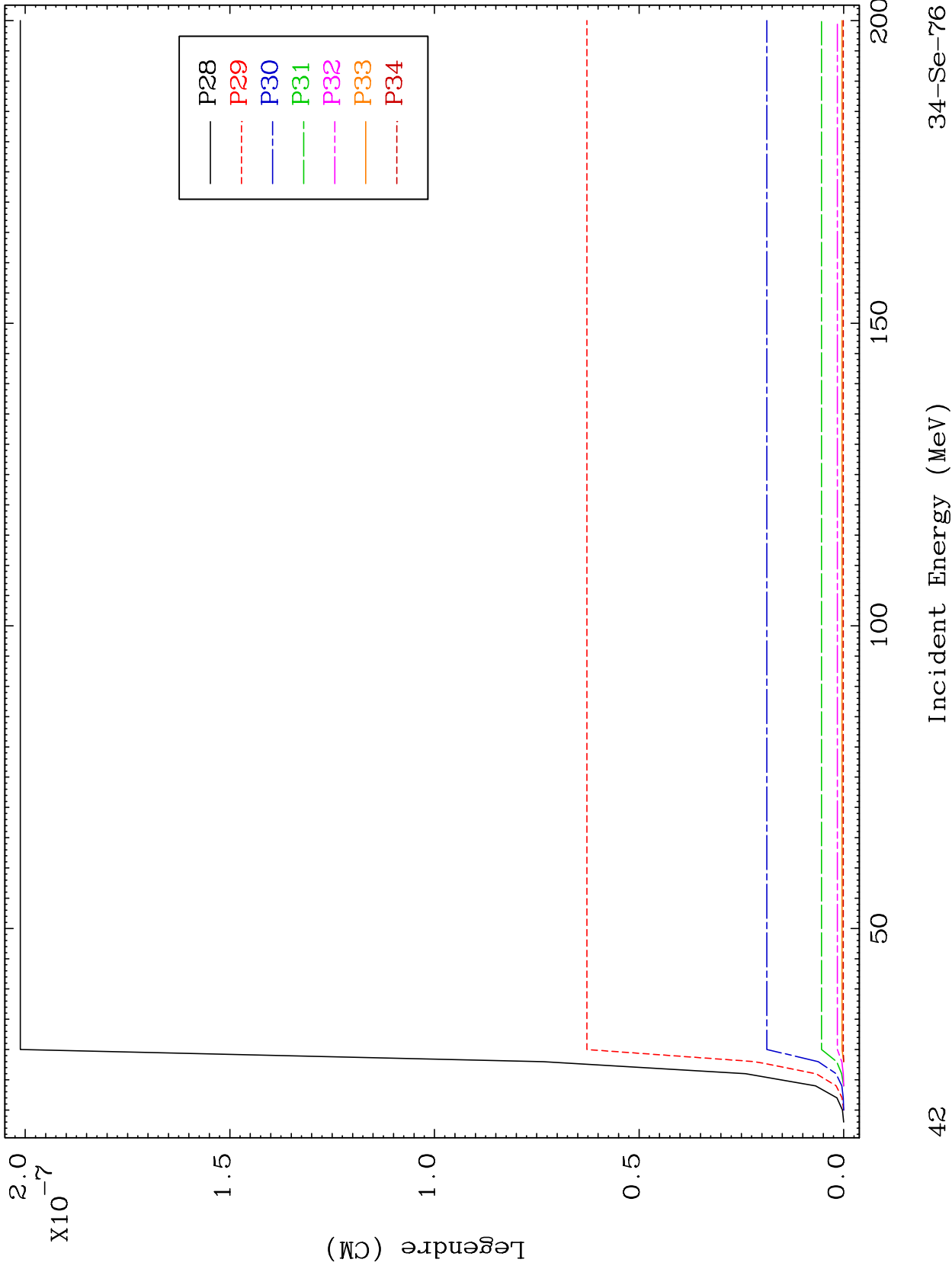
<sup>34</sup>Se-76



MAT 3431

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

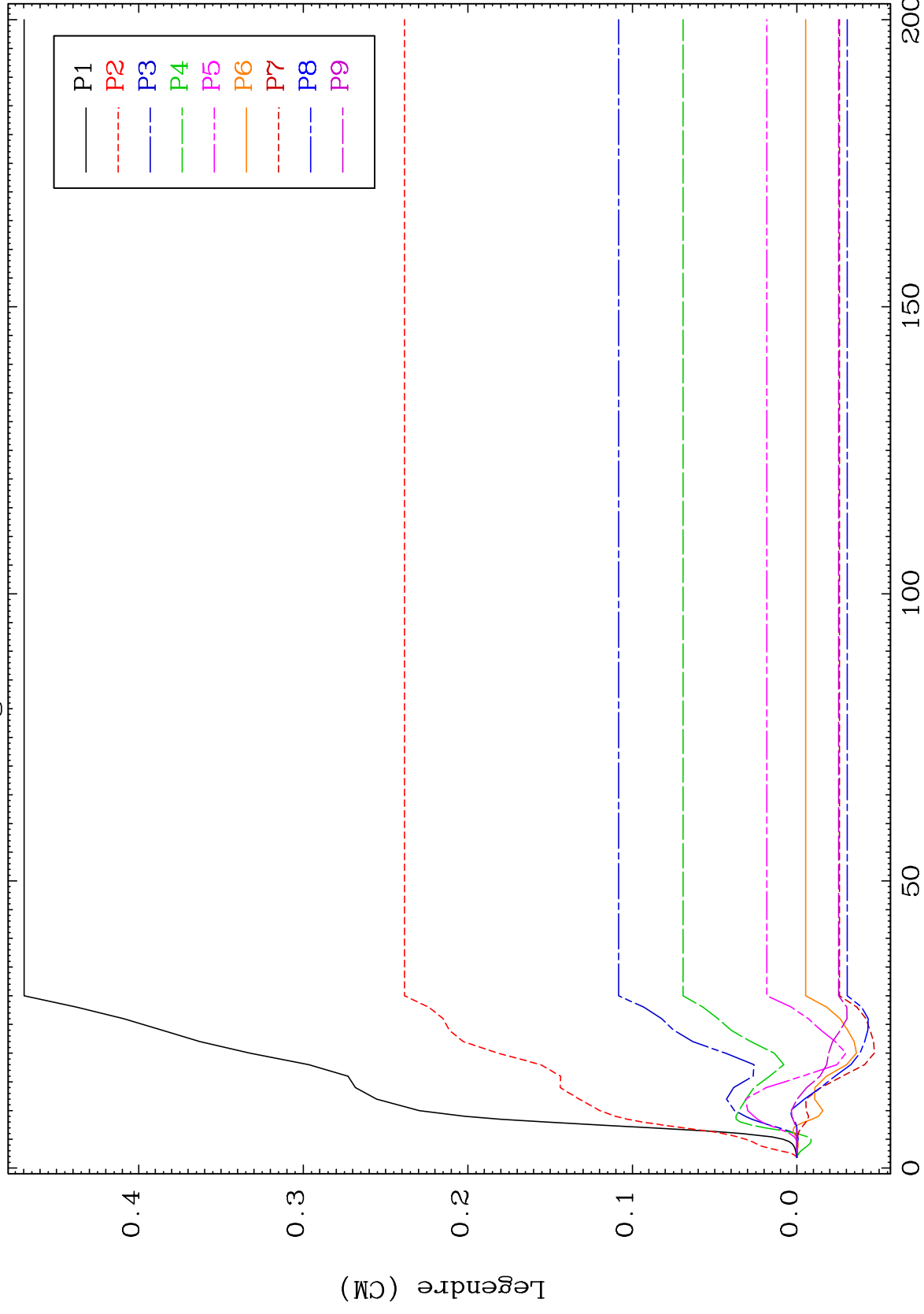
34-Se-76



MAT 3431

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

<sup>34</sup>Se-76



43

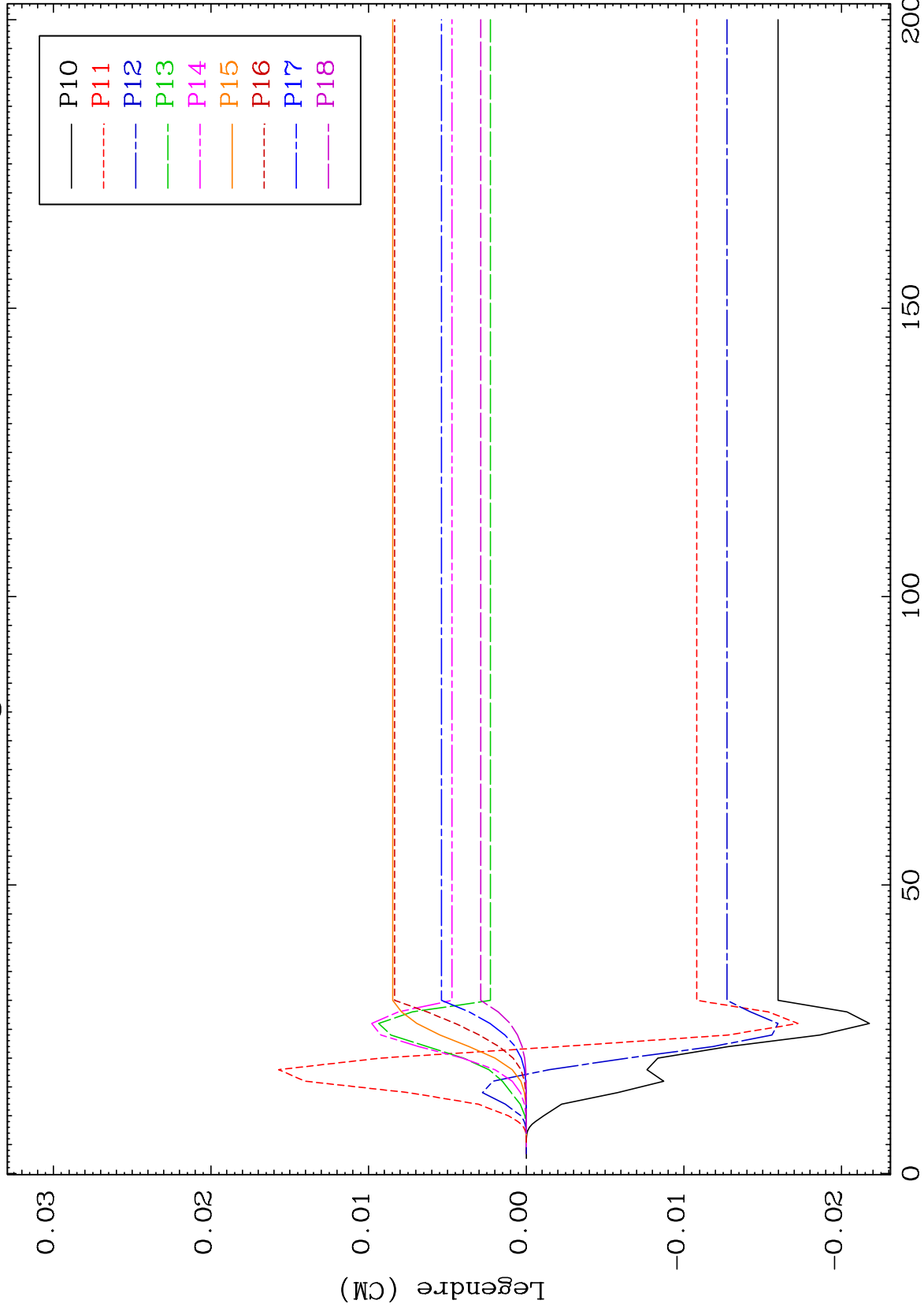
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



44

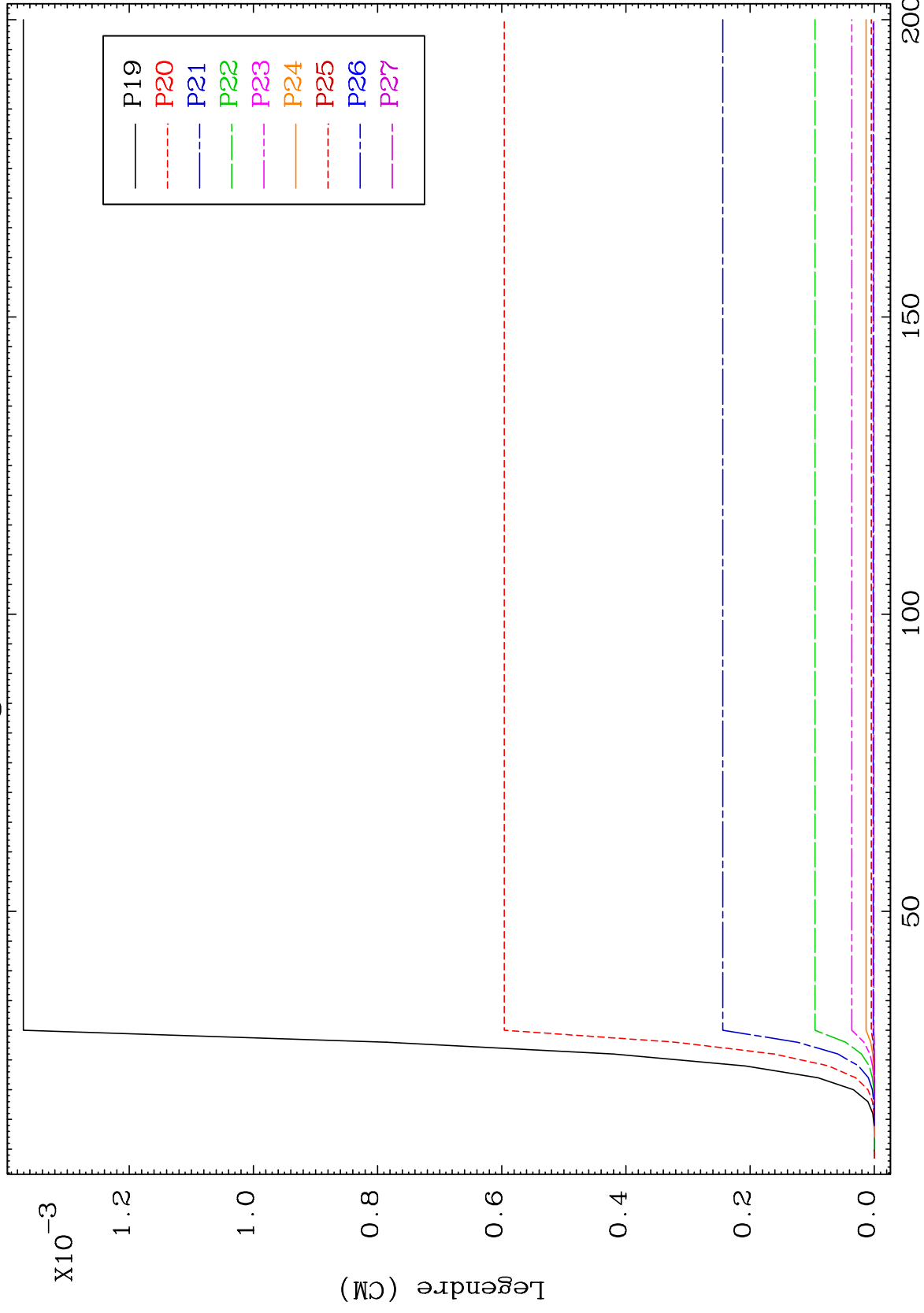
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

34-Se-76



45

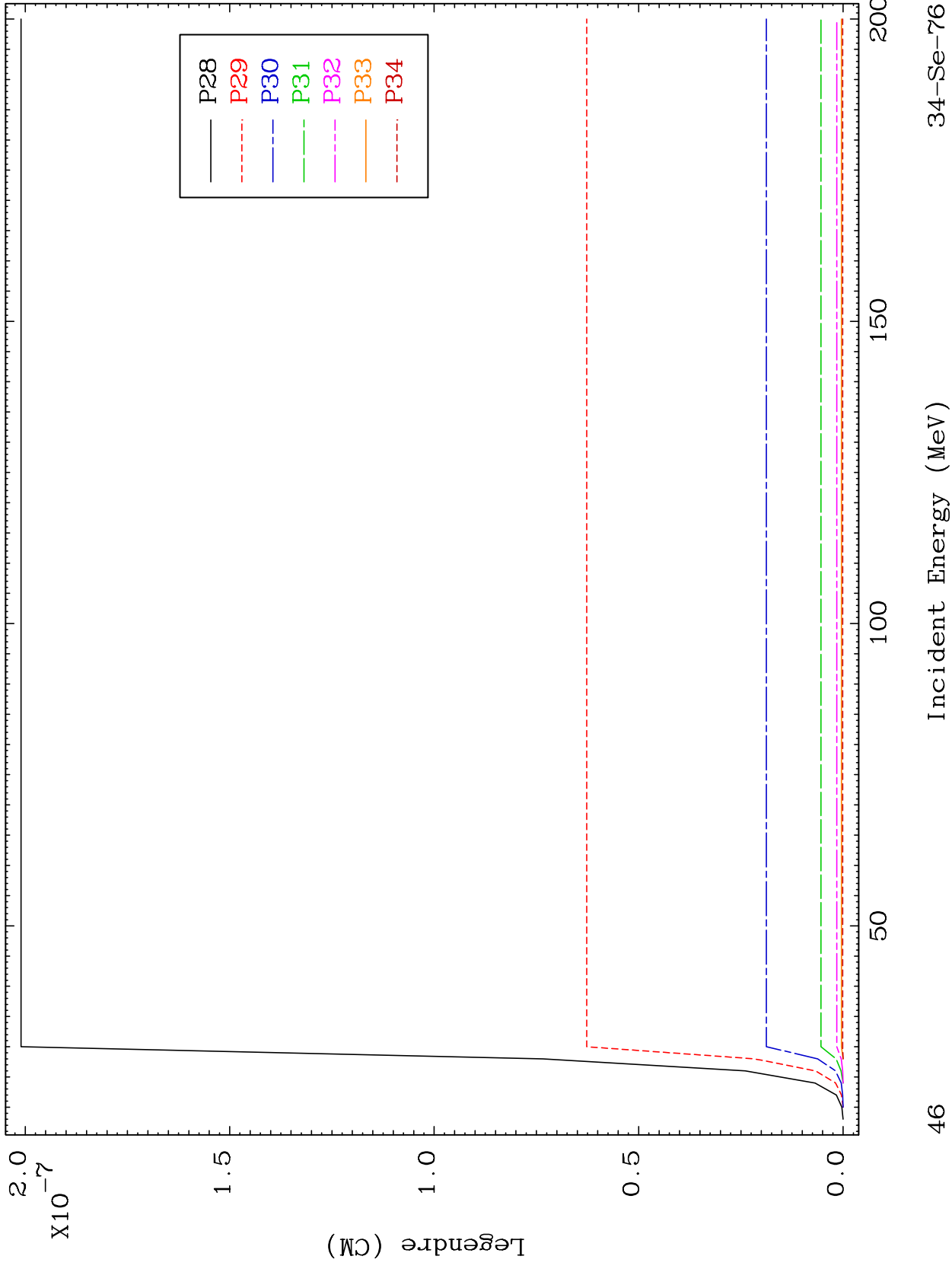
Incident Energy (MeV)

34-Se-76

MAT 3431

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

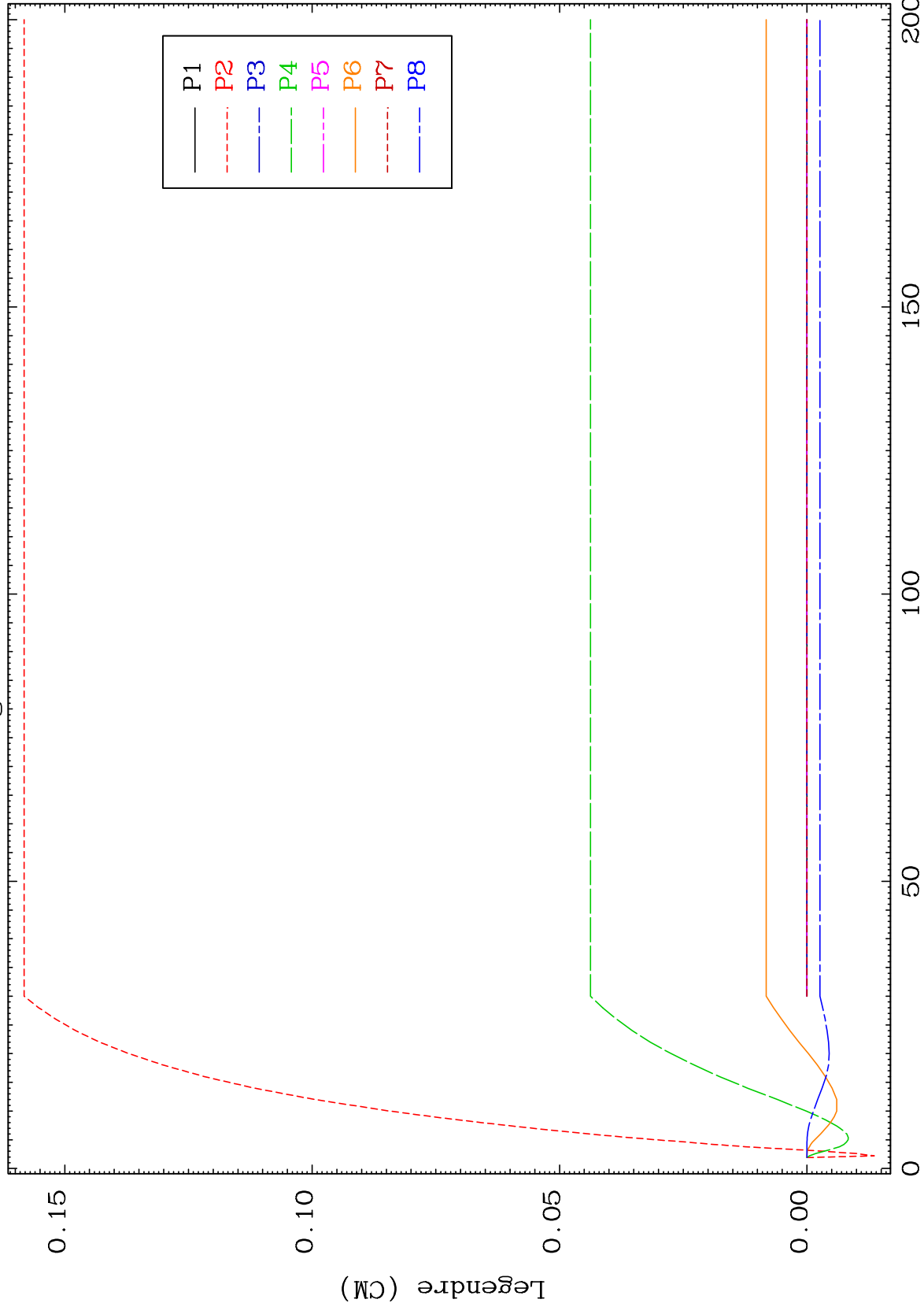
34-Se-76



MAT 3431

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

<sup>34</sup>Se-76

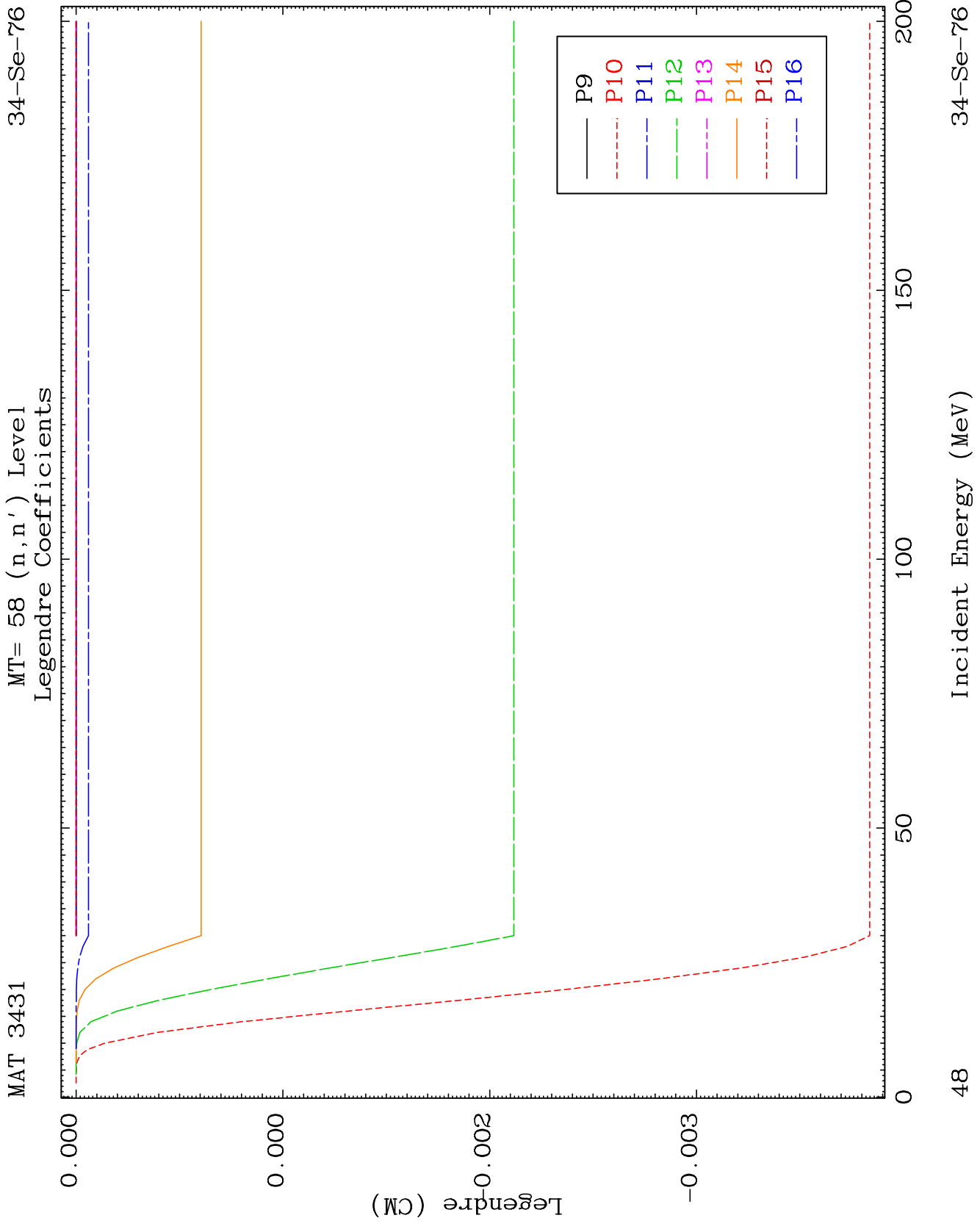


47

Incident Energy (MeV)

<sup>34</sup>Se-76

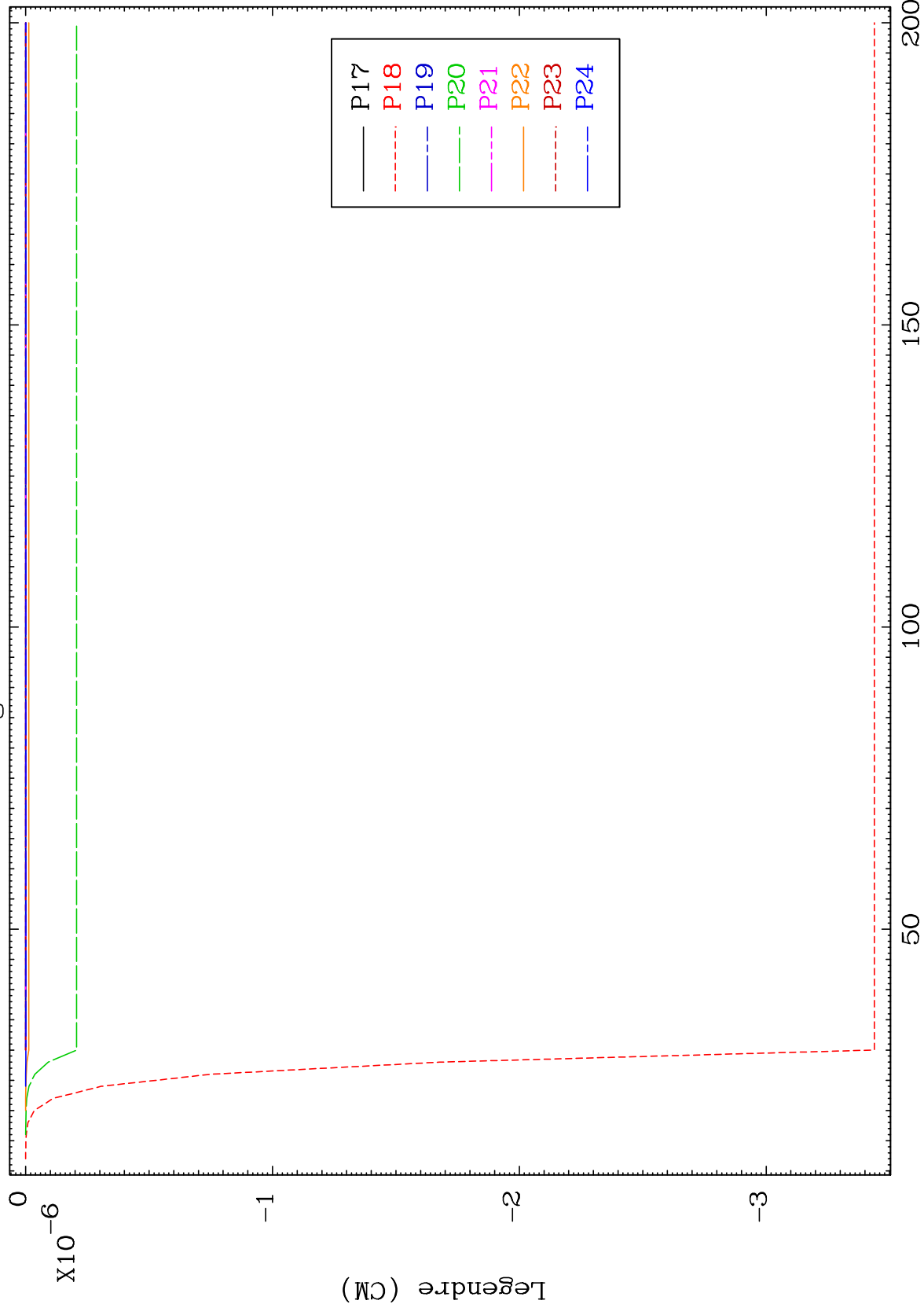




MAT 3431

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

34-Se-76



34-Se-76

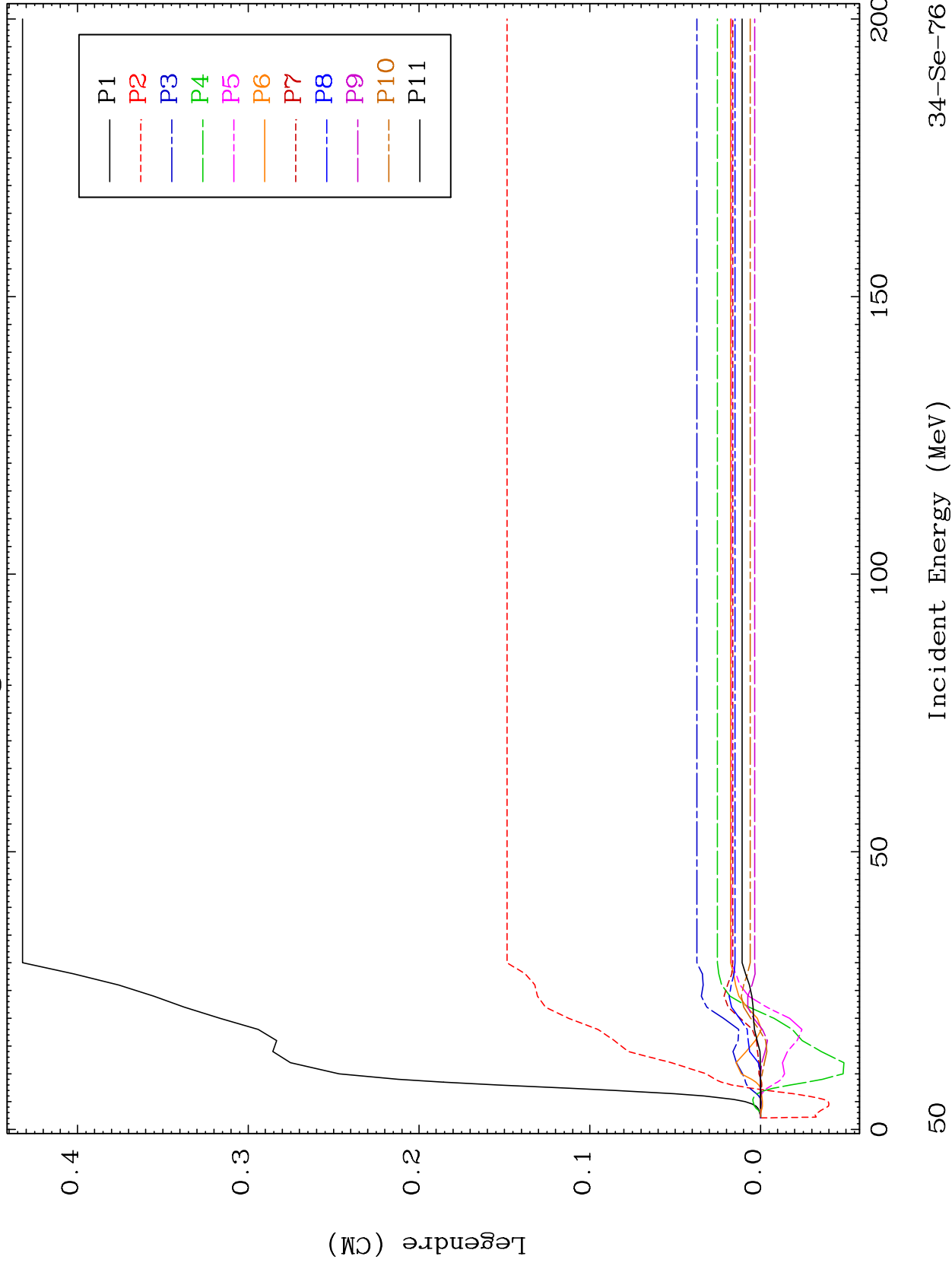
Incident Energy (MeV)

49

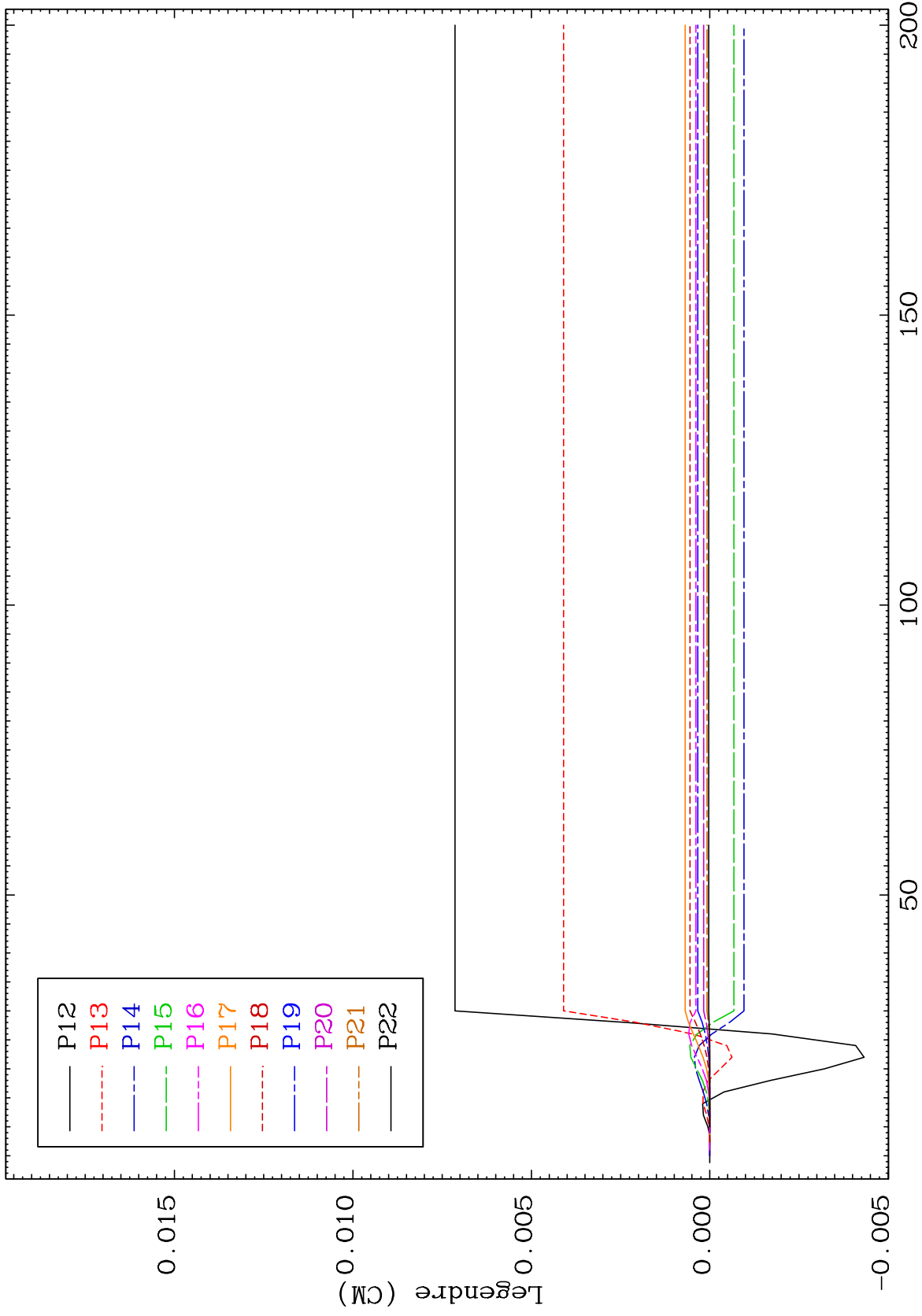
MAT 3431

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

<sup>34</sup>Se-76



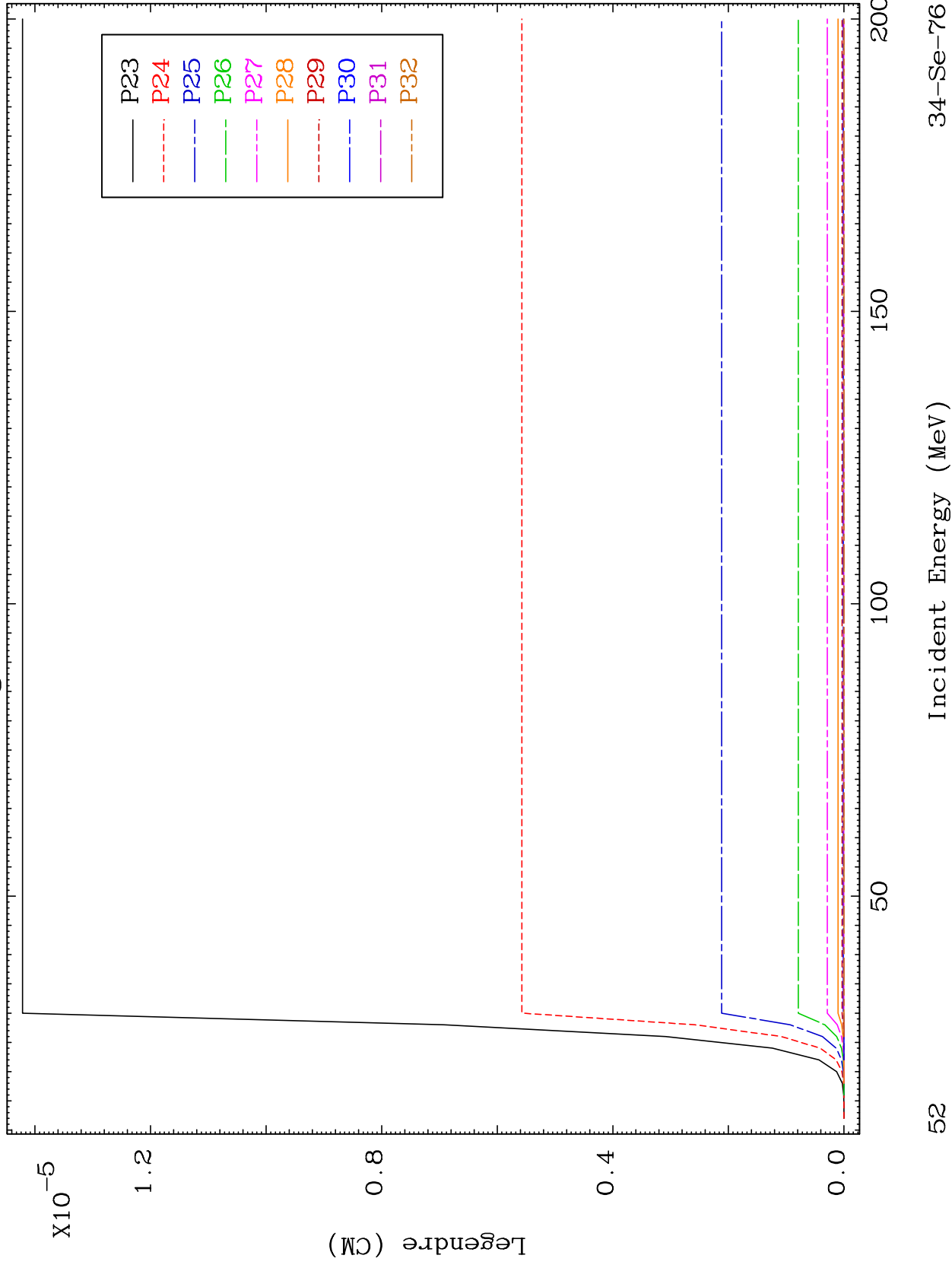
<sup>34</sup>Se-76



MAT 3431

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

<sup>34</sup>Se-76



52

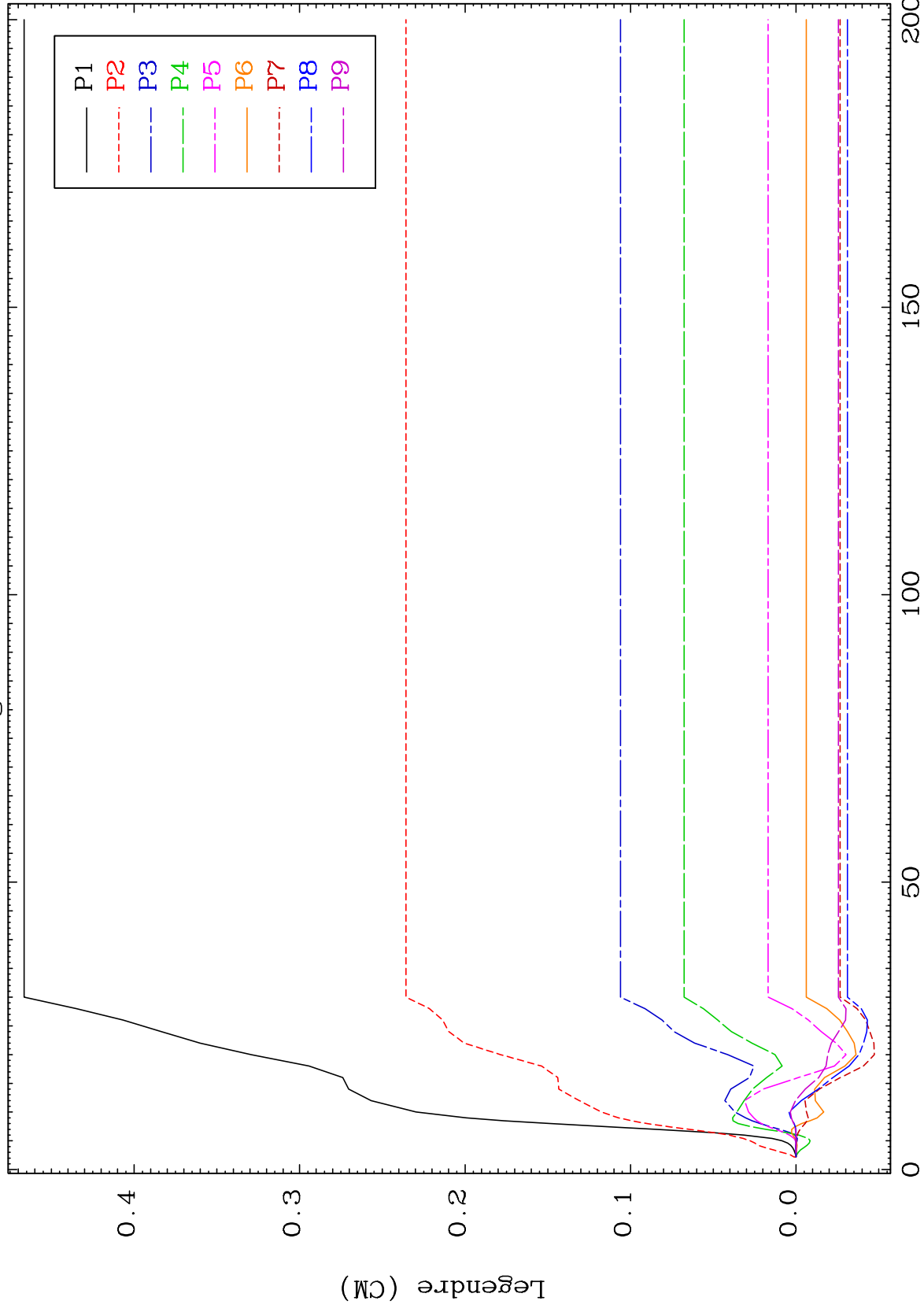
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



53

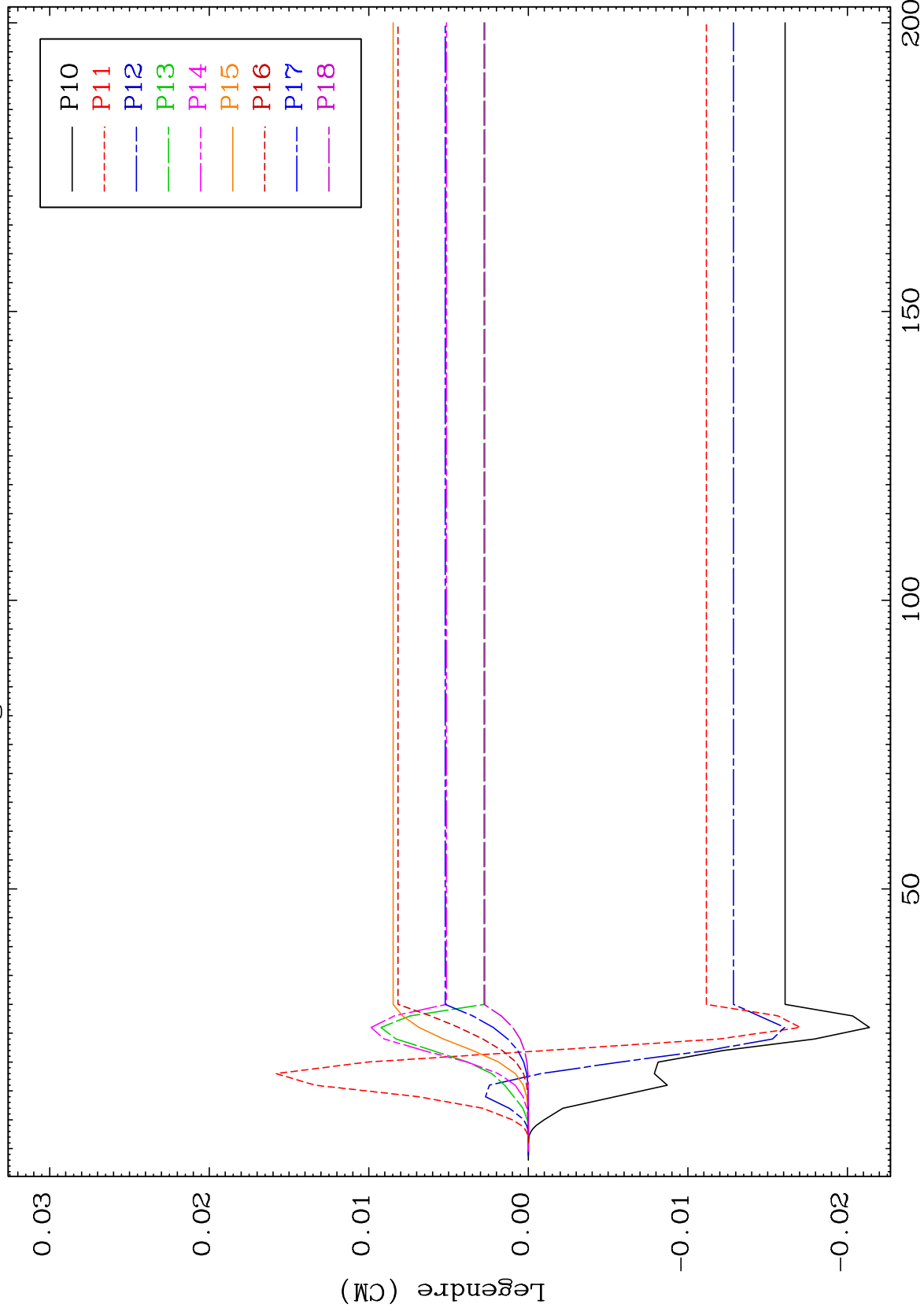
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



54

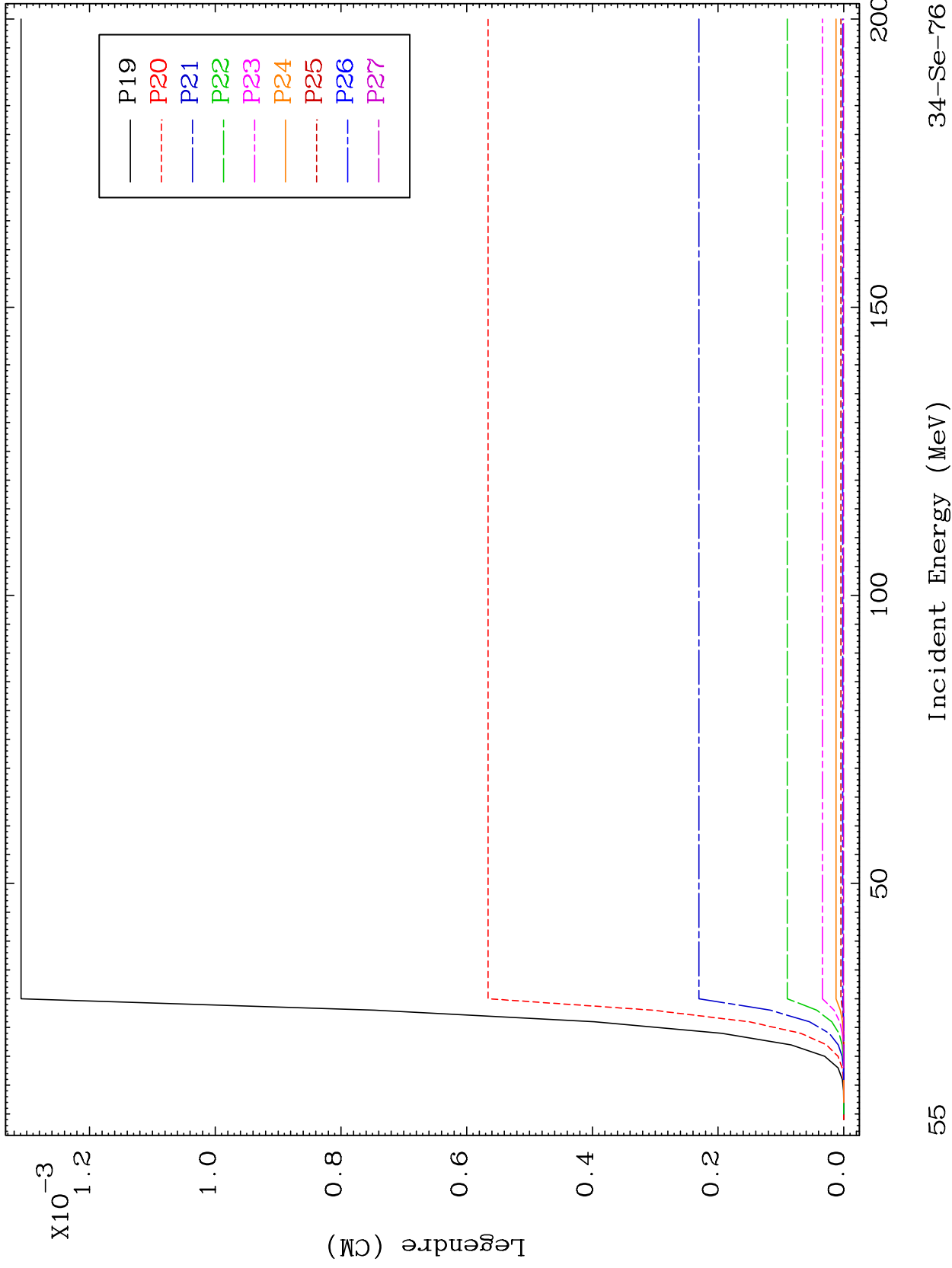
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



55

Incident Energy (MeV)

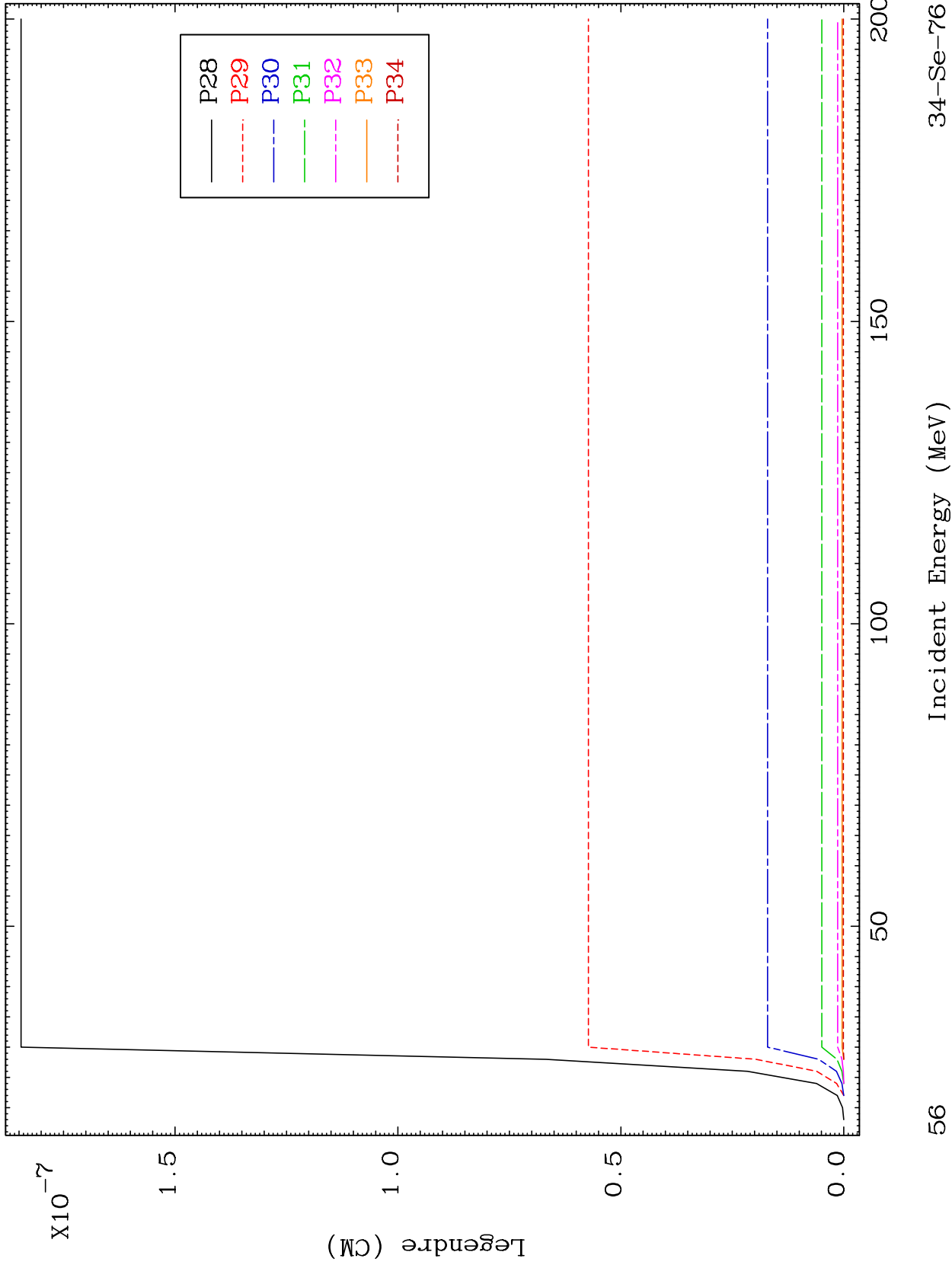
<sup>34</sup>Se-76



MAT 3431

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

34-Se-76



56

Incident Energy (MeV)

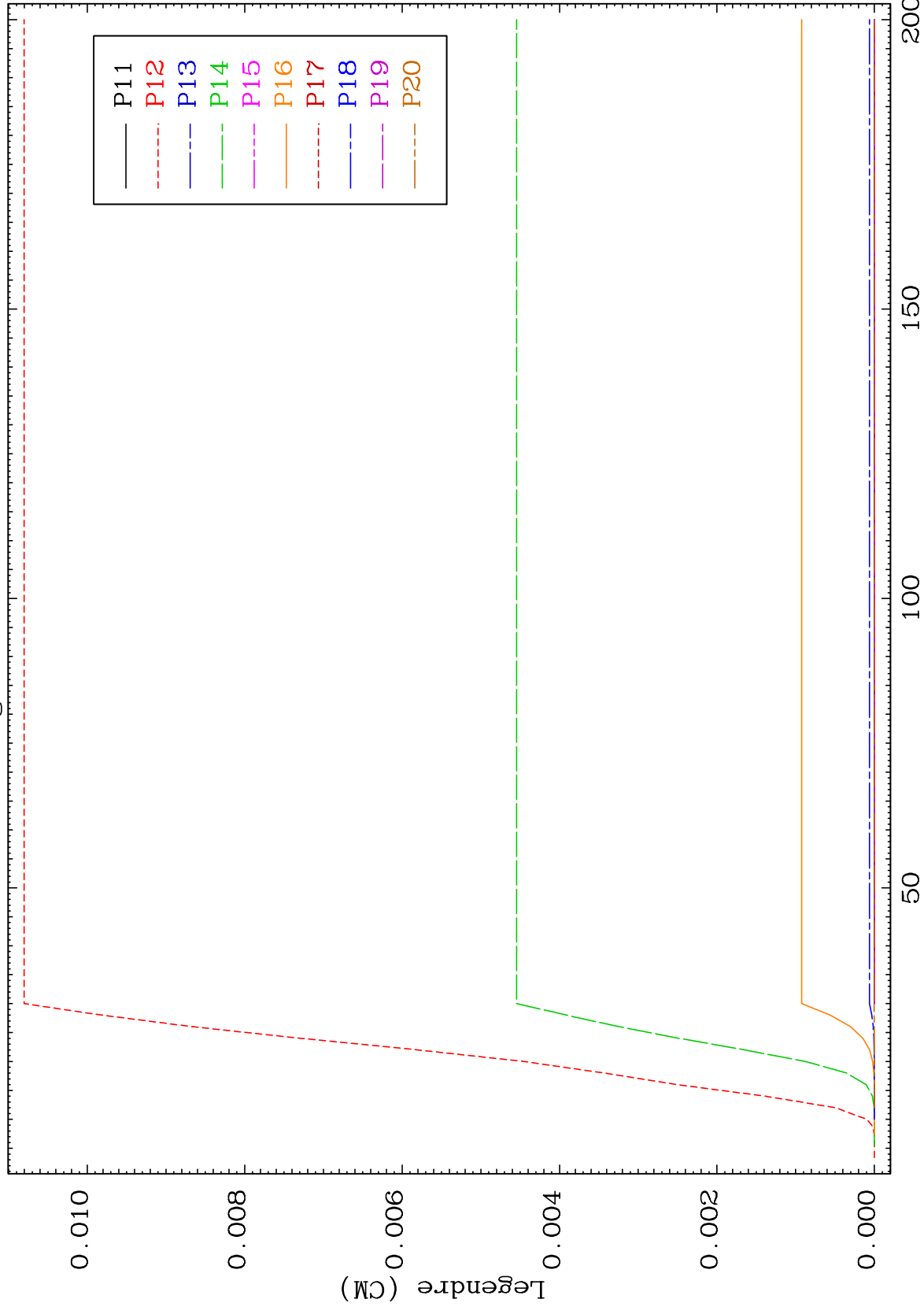
34-Se-76



MAT 3431

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

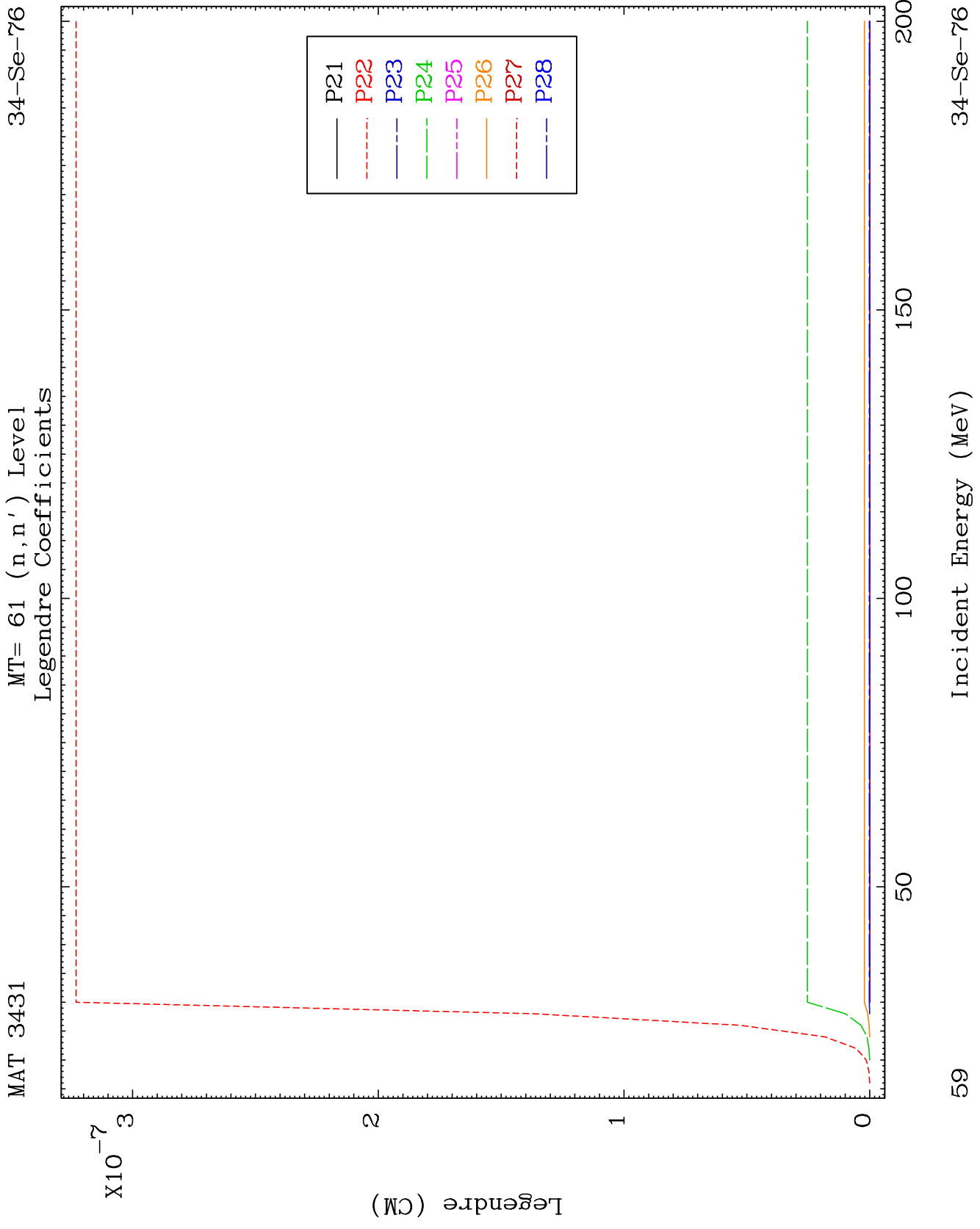
<sup>34</sup>Se-76



58

Incident Energy (MeV)

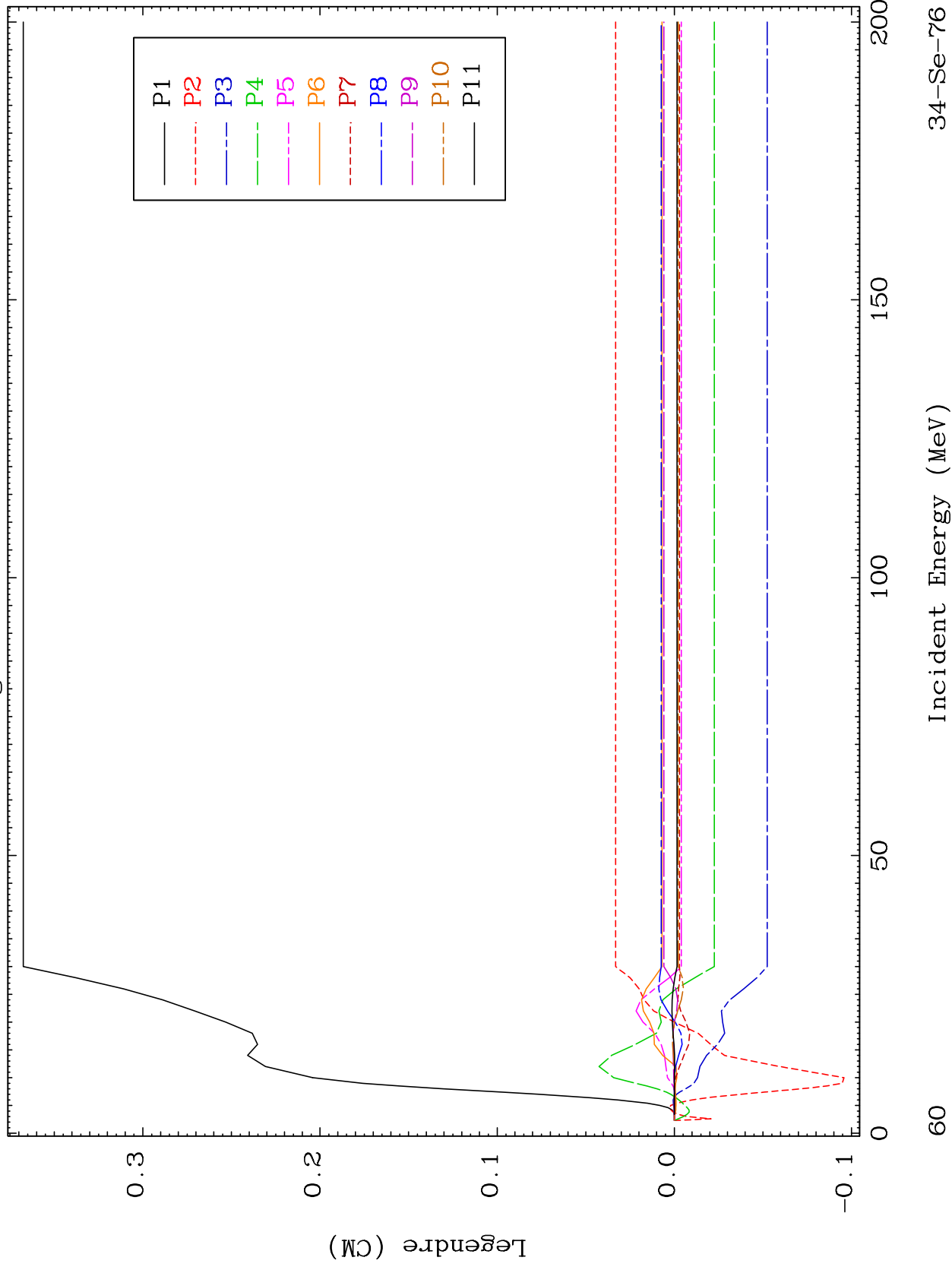
<sup>34</sup>Se-76



MAT 3431

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

<sup>34</sup>Se-76

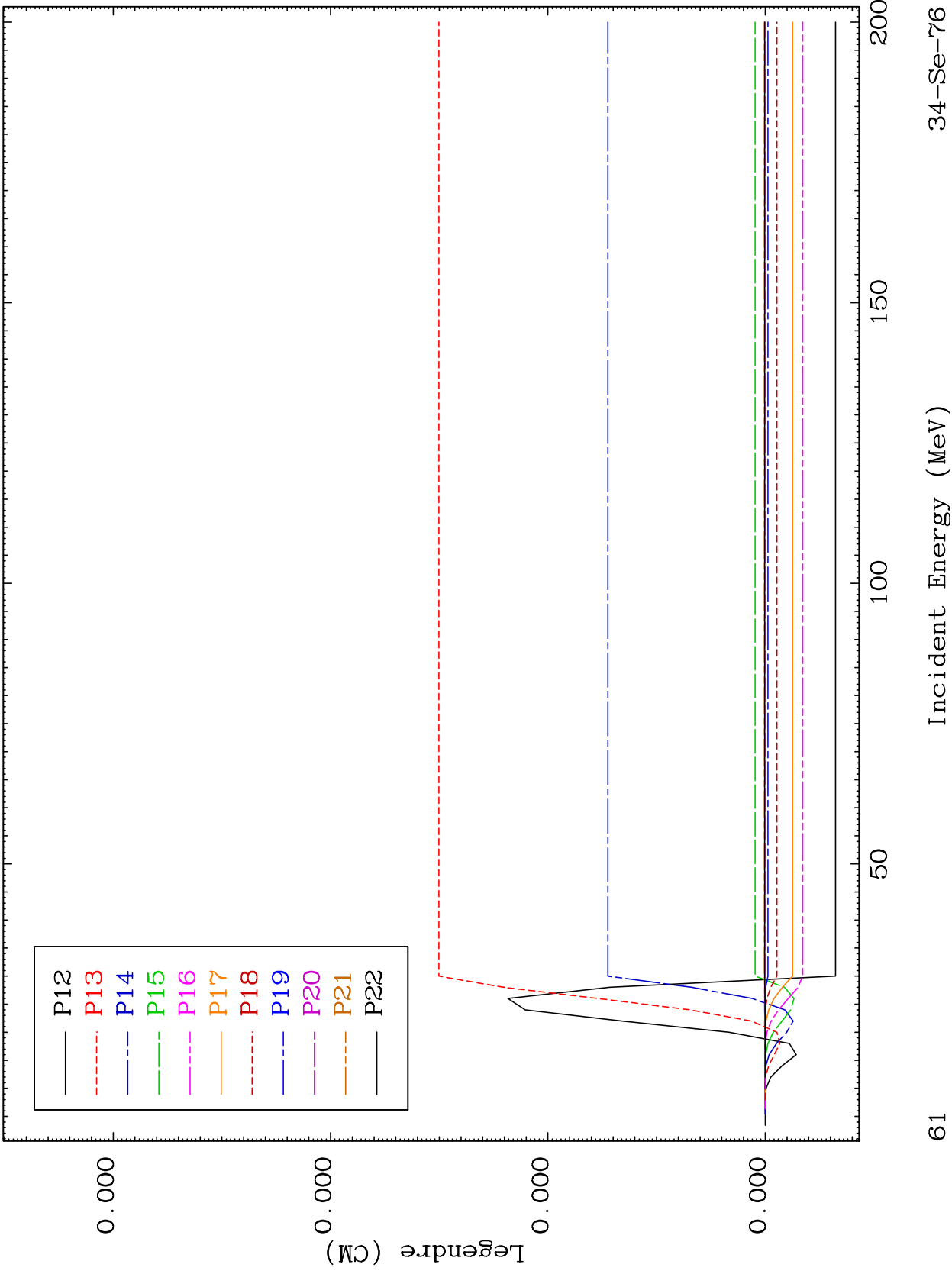


<sup>34</sup>Se-76

MAT 3431

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

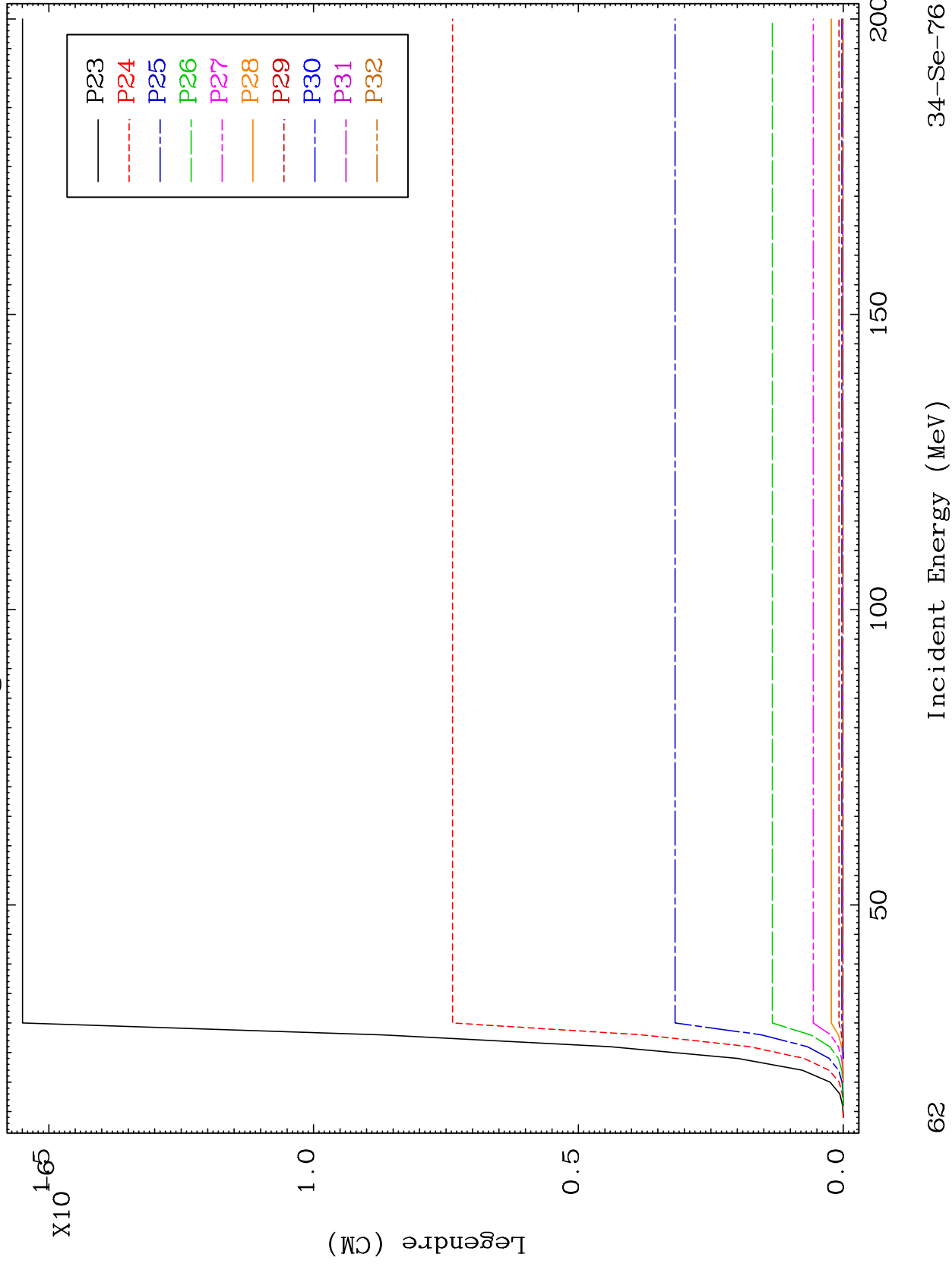
34-Se-76



MAT 3431

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

<sup>34</sup>Se-76



62

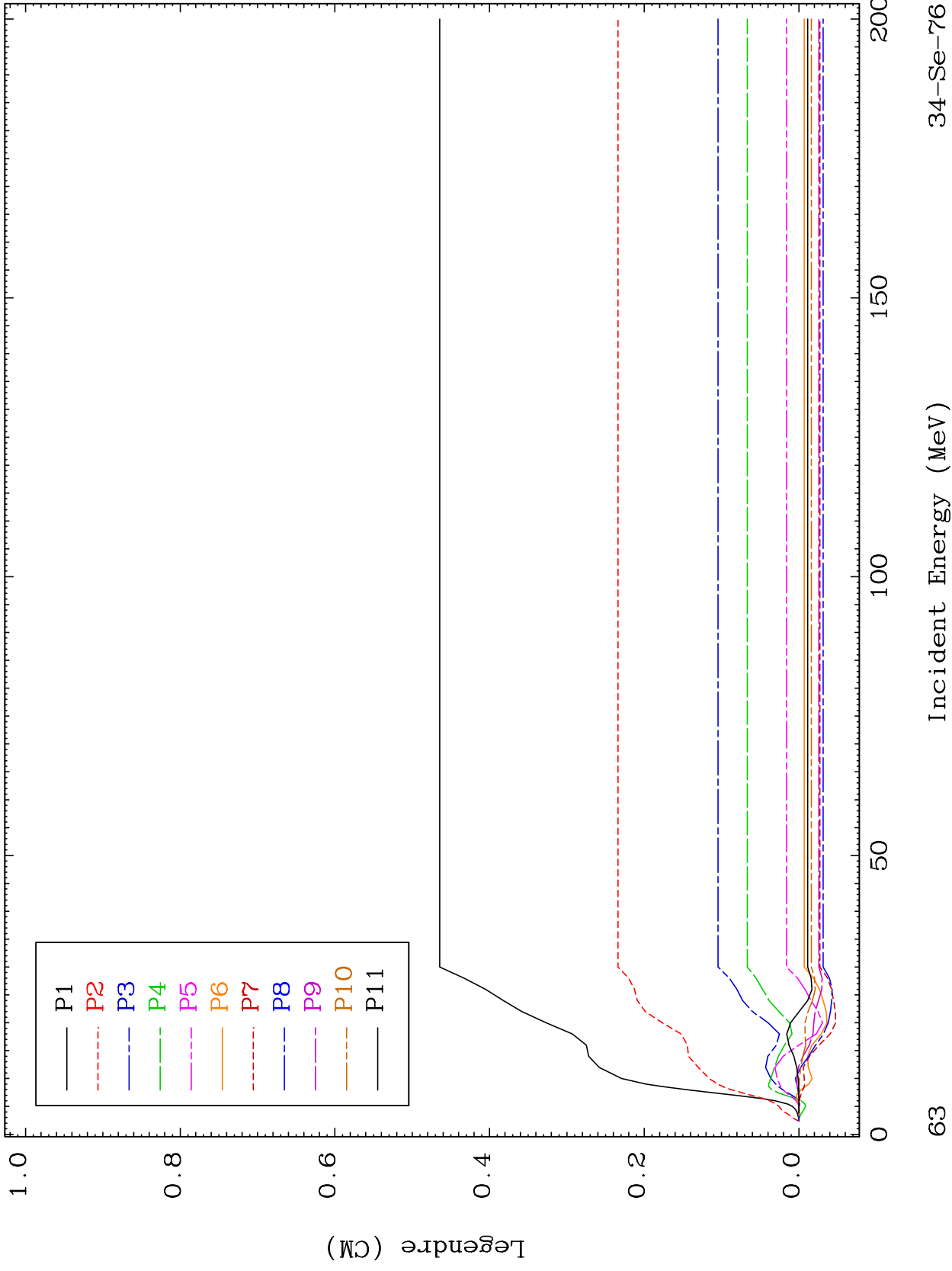
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



<sup>34</sup>Se-76

Incident Energy (MeV)

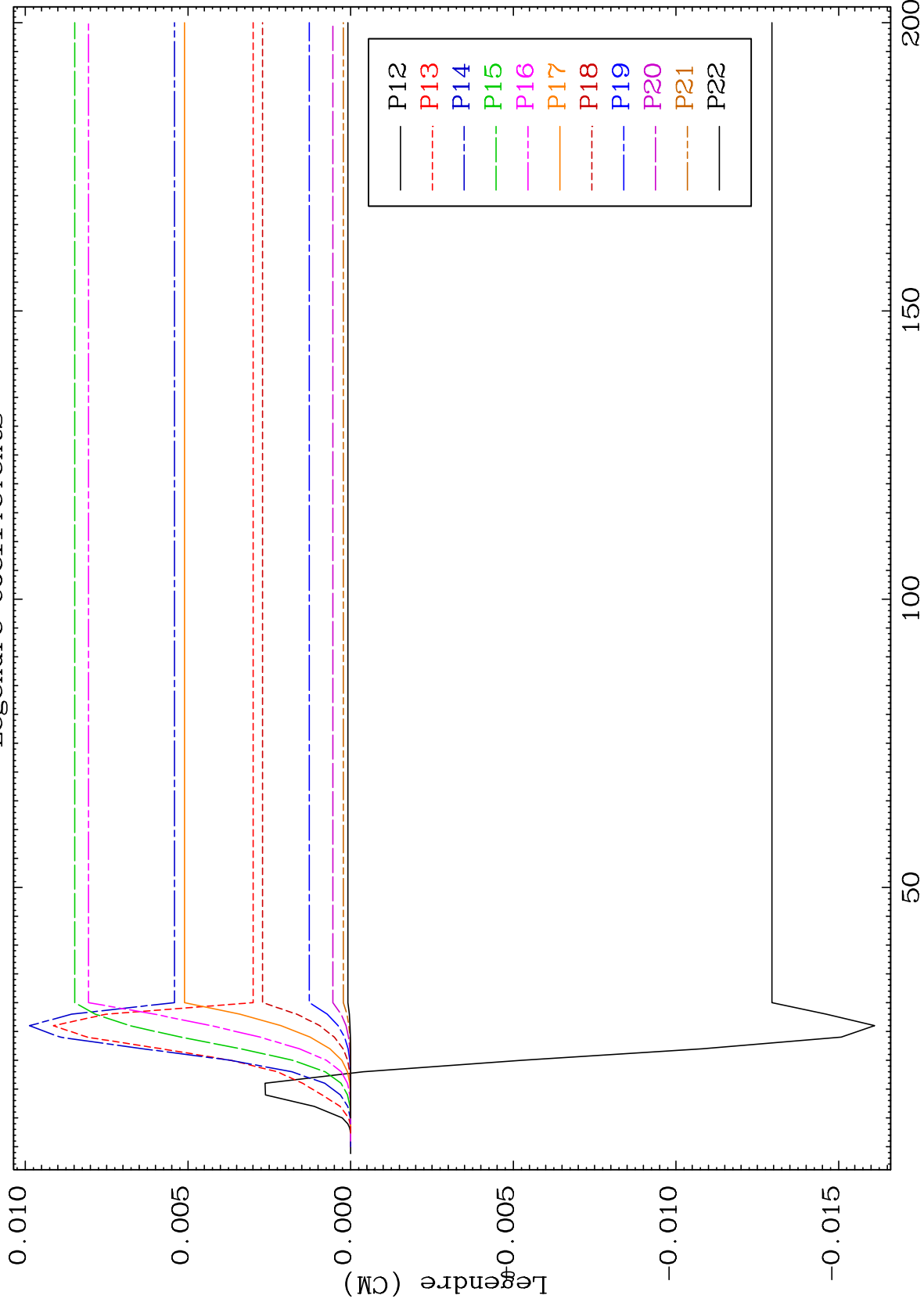
63



MAT 3431

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

34-Se-76



64

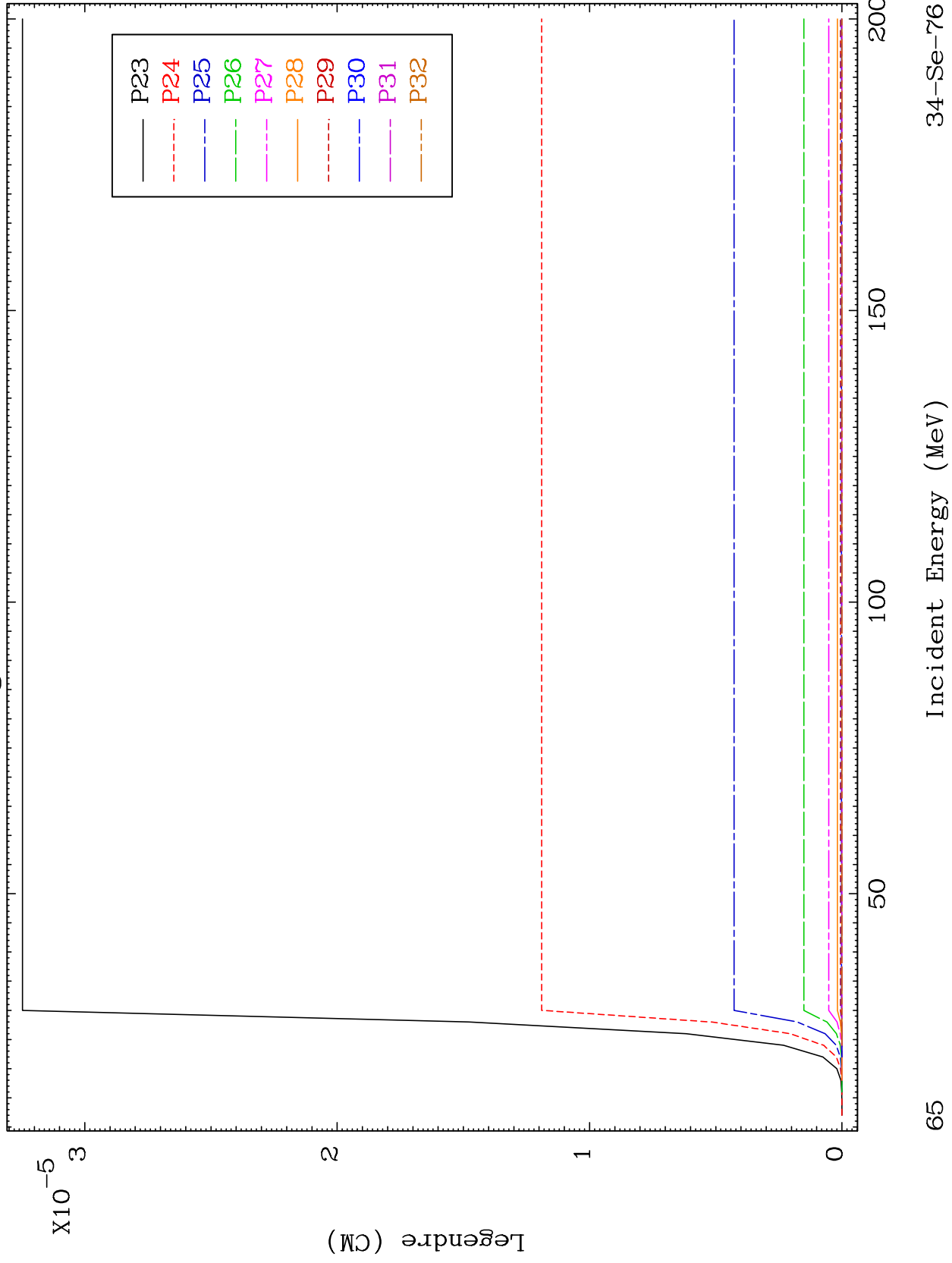
Incident Energy (MeV)

34-Se-76

MAT 3431

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

<sup>34</sup>Se-76



65

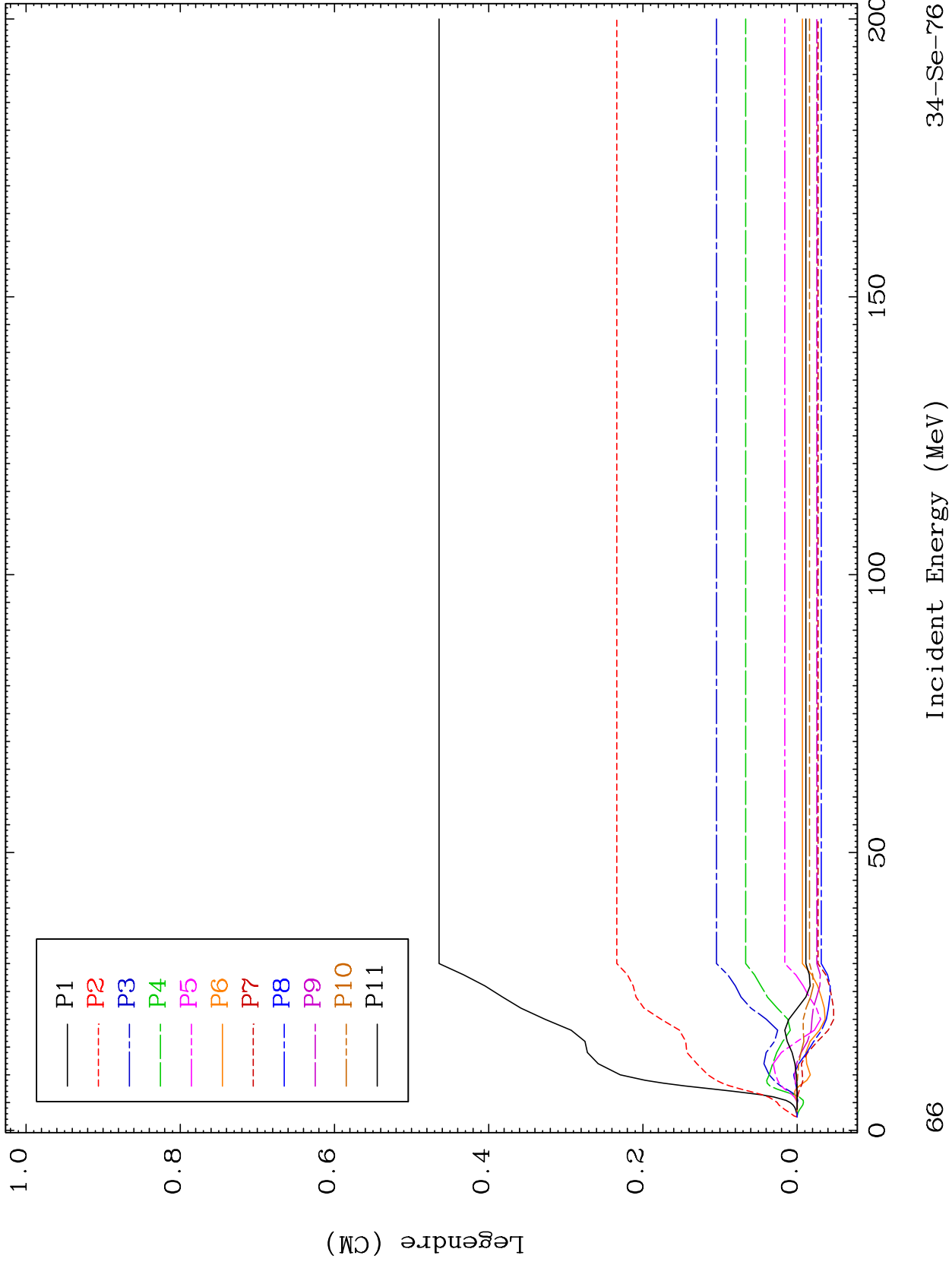
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



66

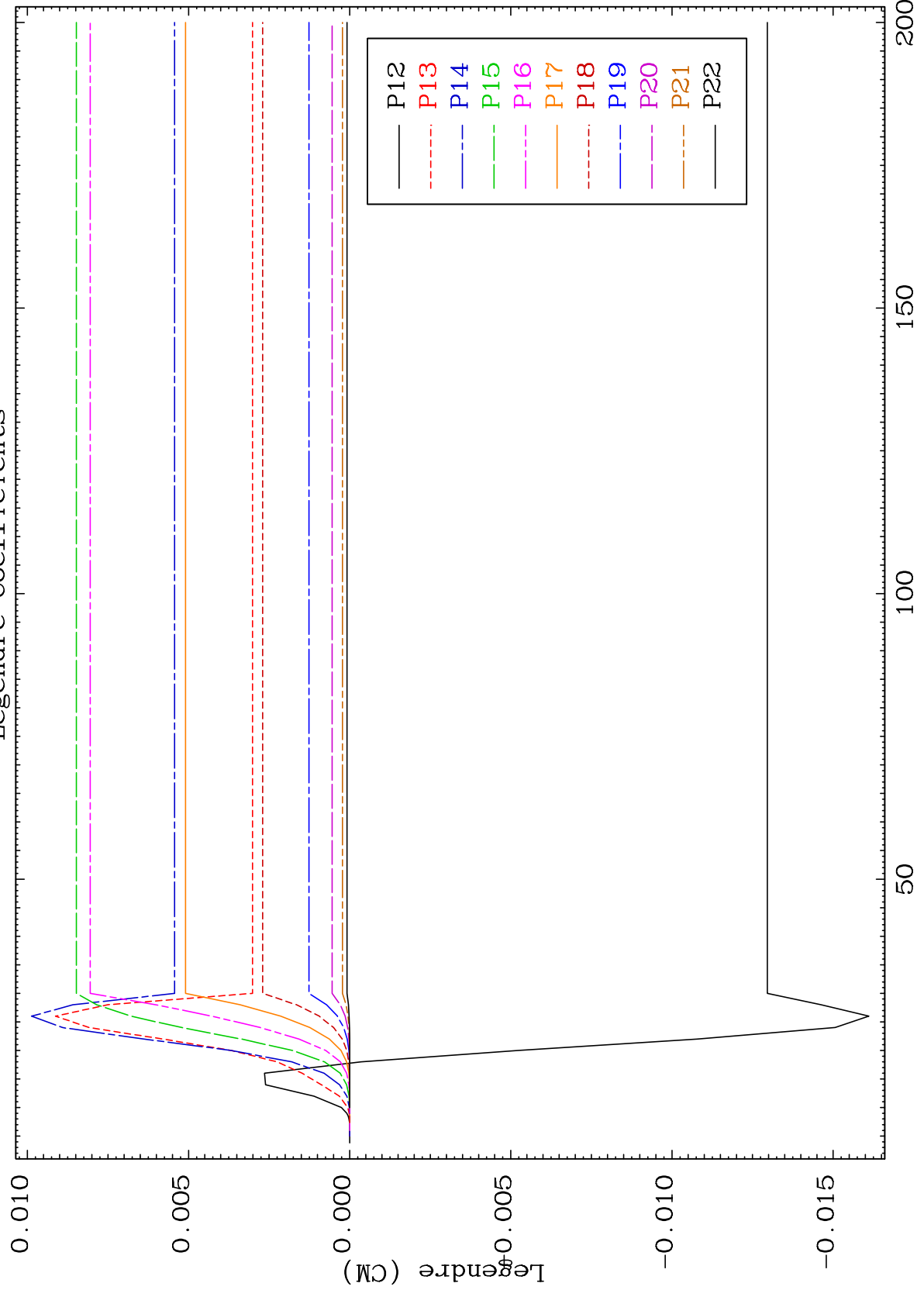
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

34-Se-76



34-Se-76

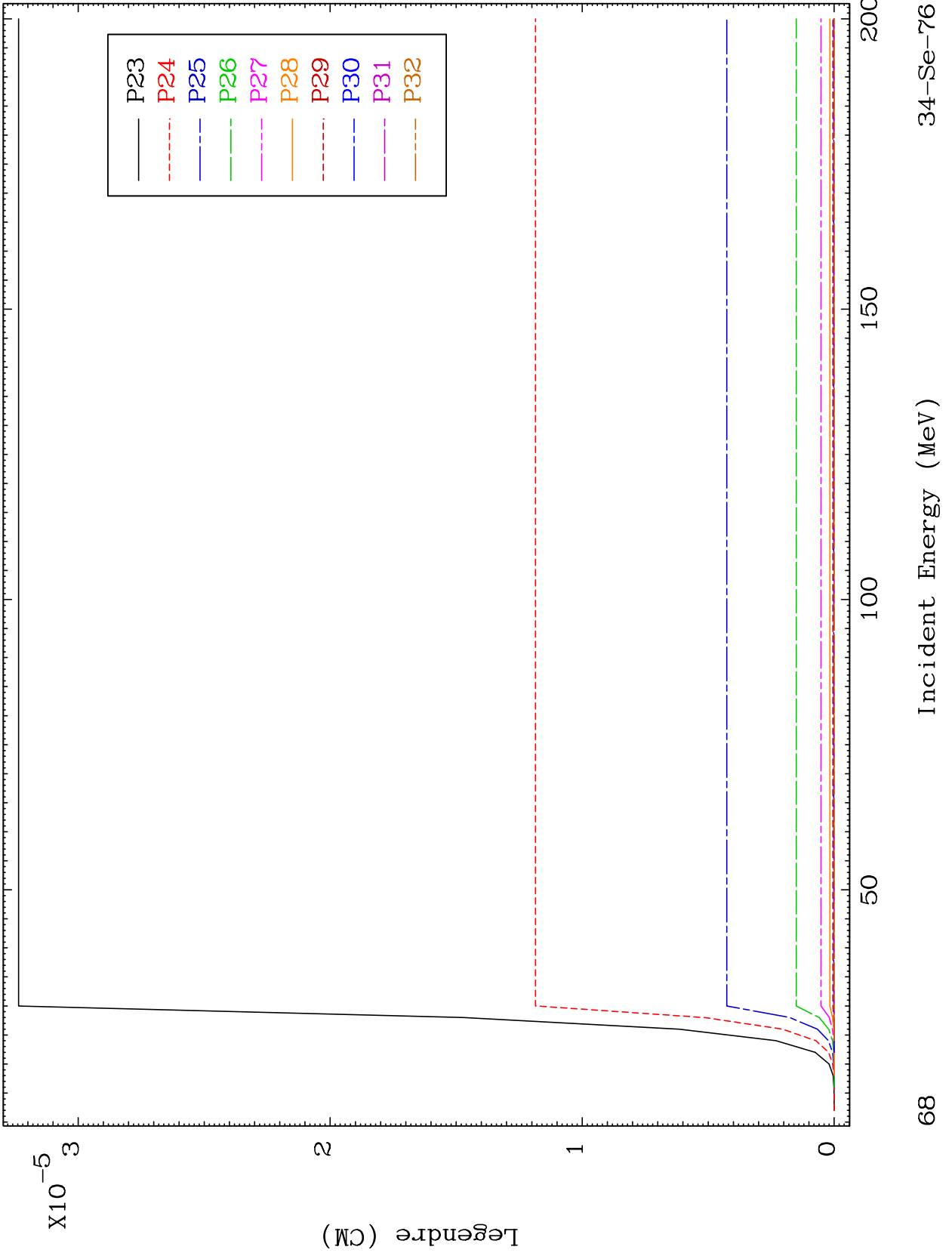
Incident Energy (MeV)

67

MAT 3431

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

<sup>34</sup>Se-76



68

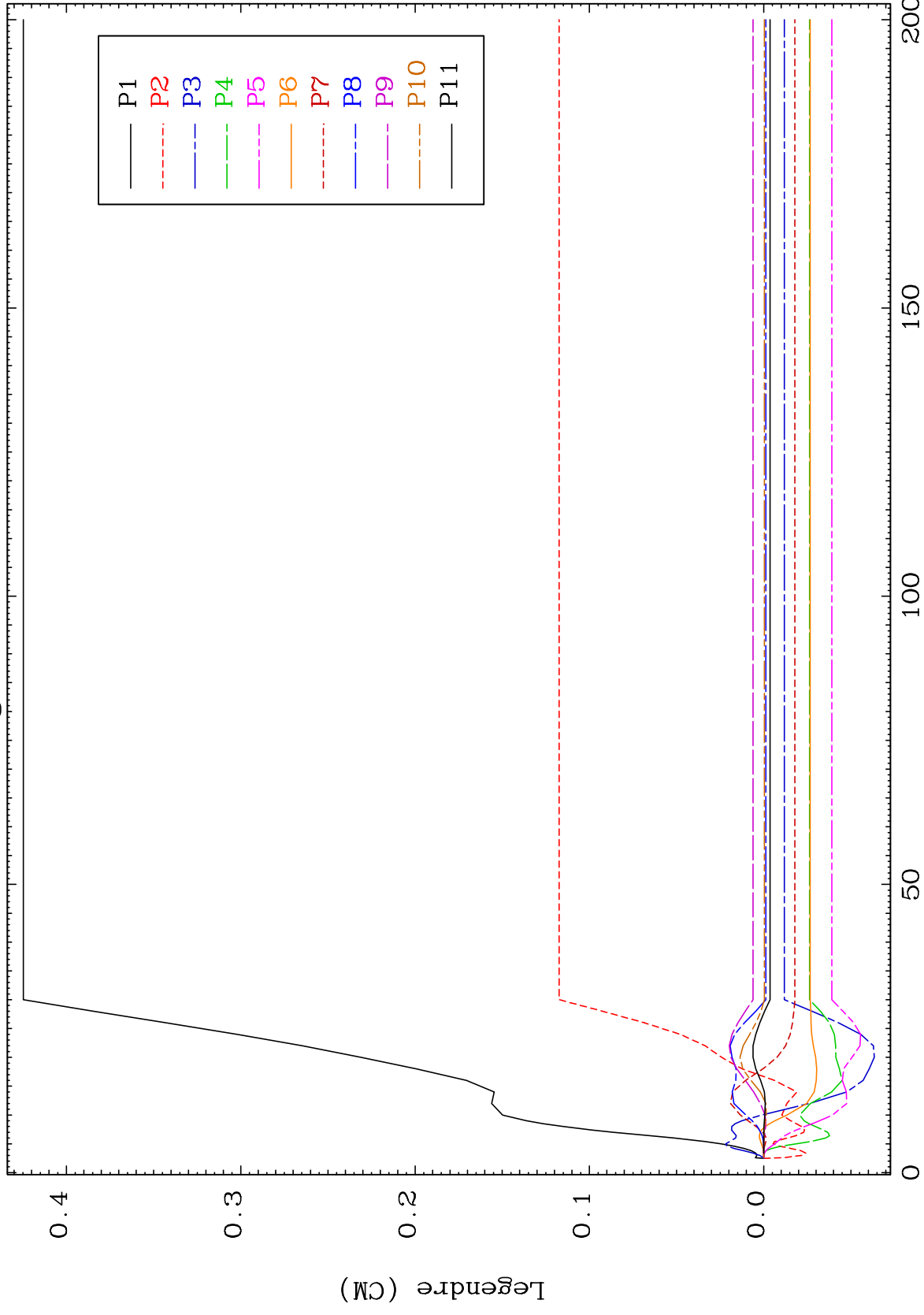
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



69

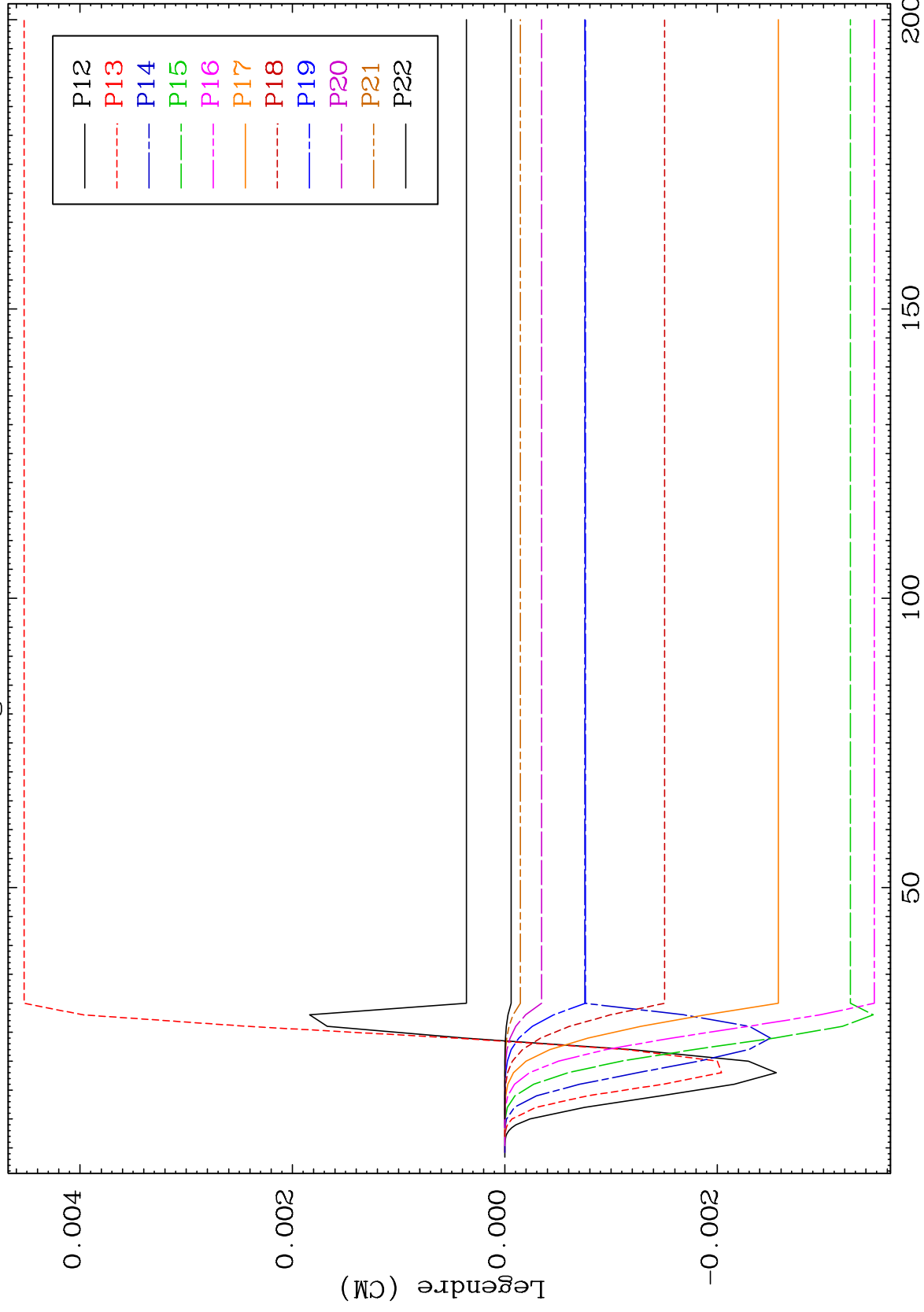
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76

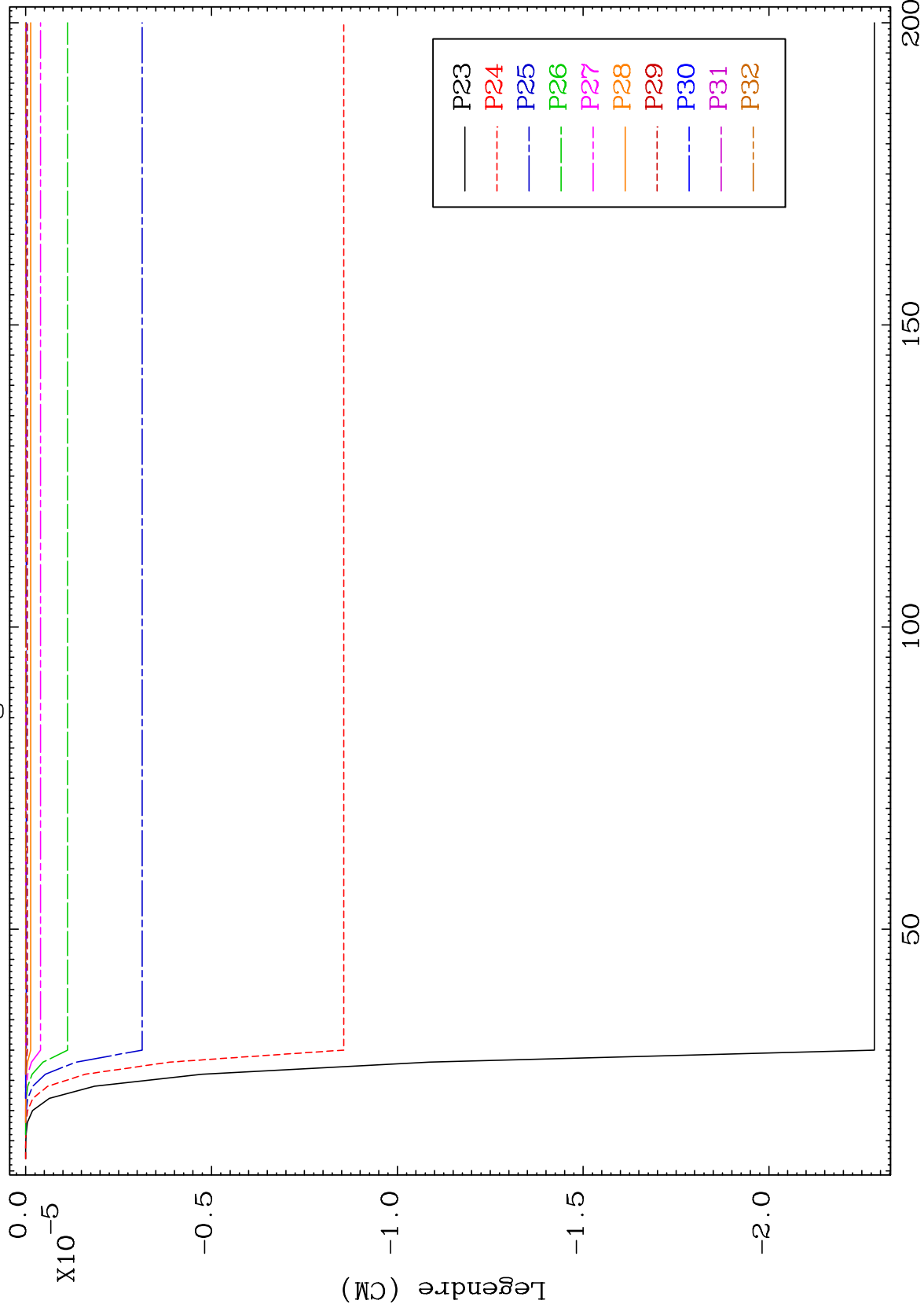


70

Incident Energy (MeV)

<sup>34</sup>Se-76

Legendre Coefficients

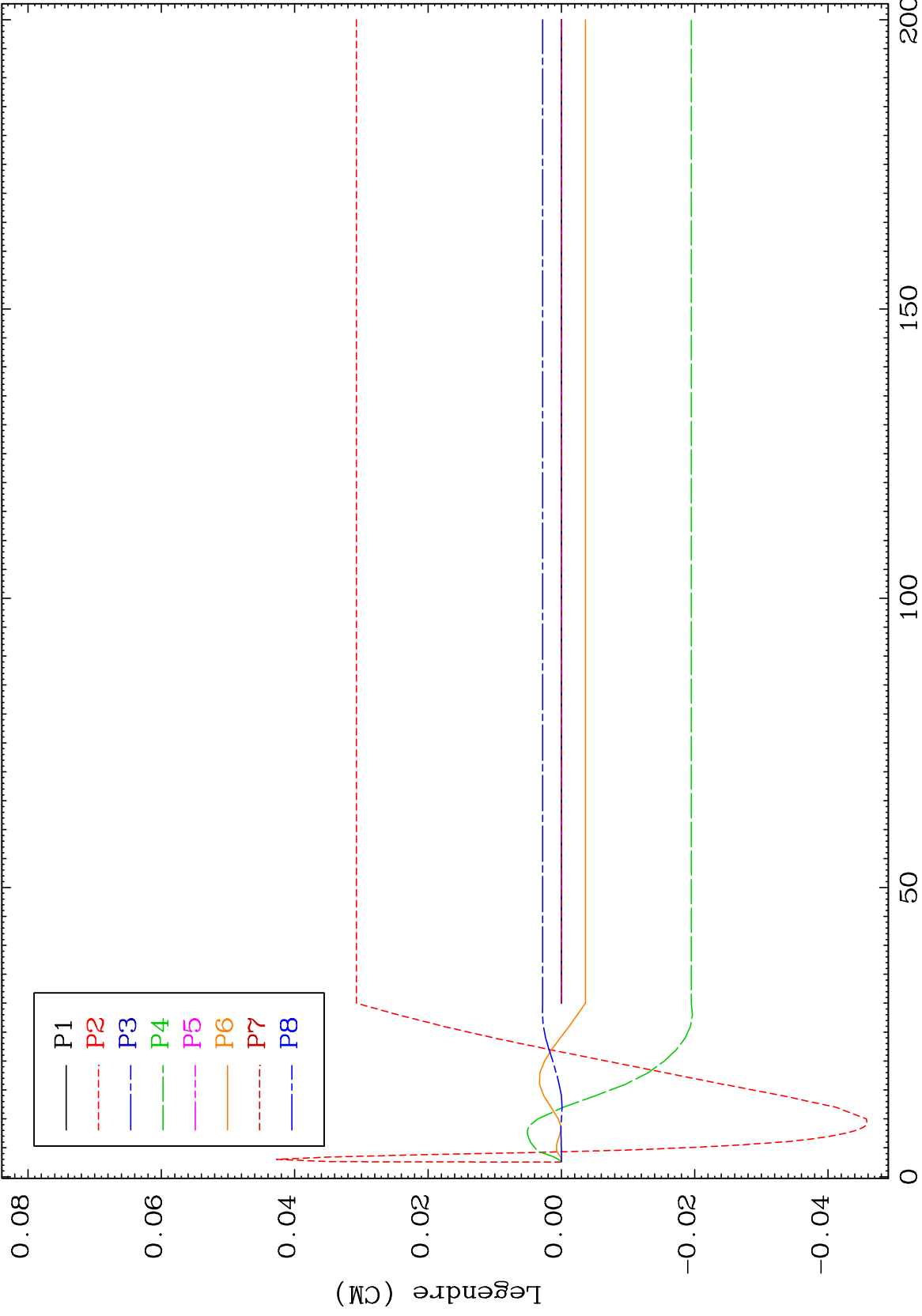




MAT 3431

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

<sup>34</sup>Se-76



72

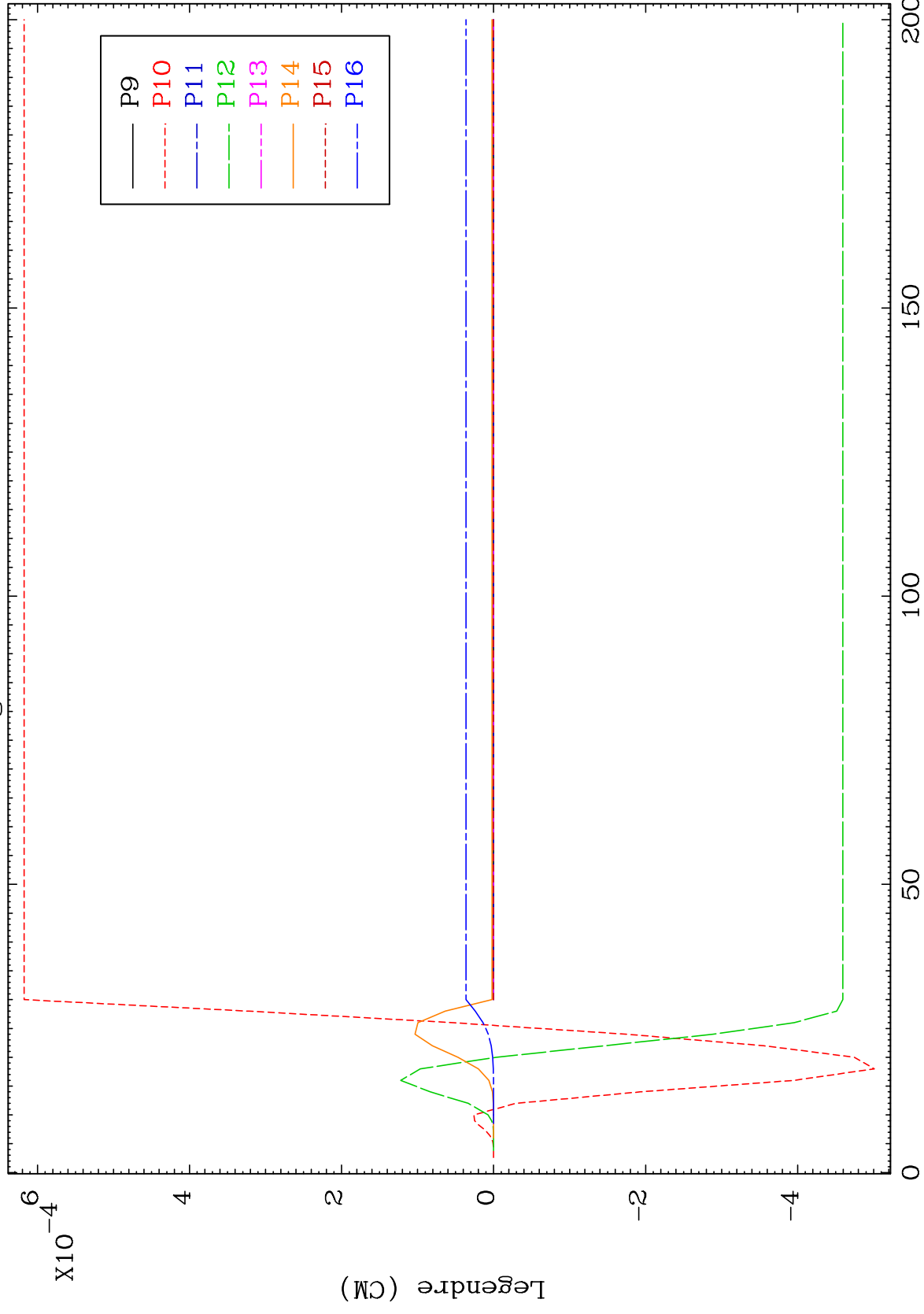
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

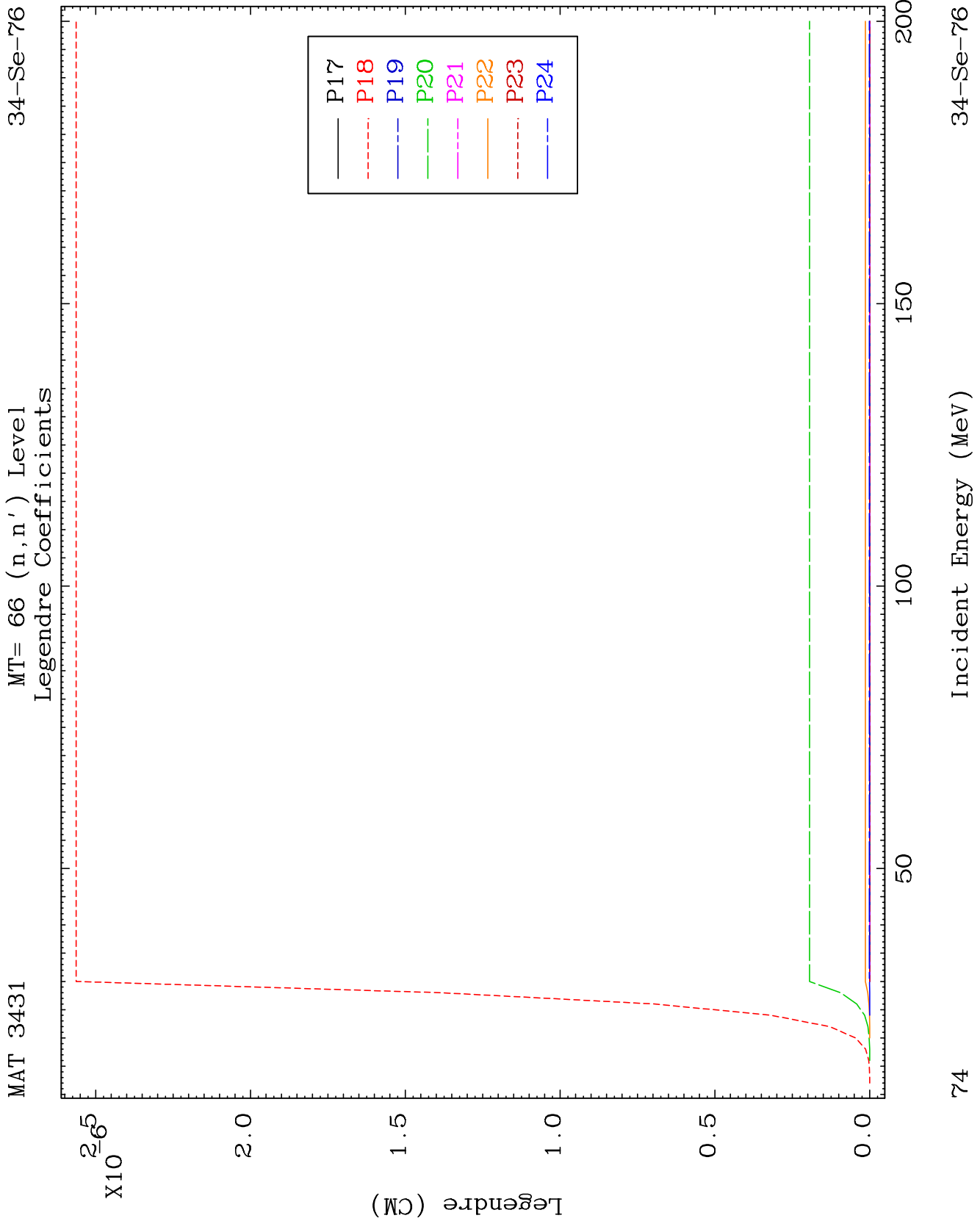
<sup>34</sup>Se-76



73

Incident Energy (MeV)

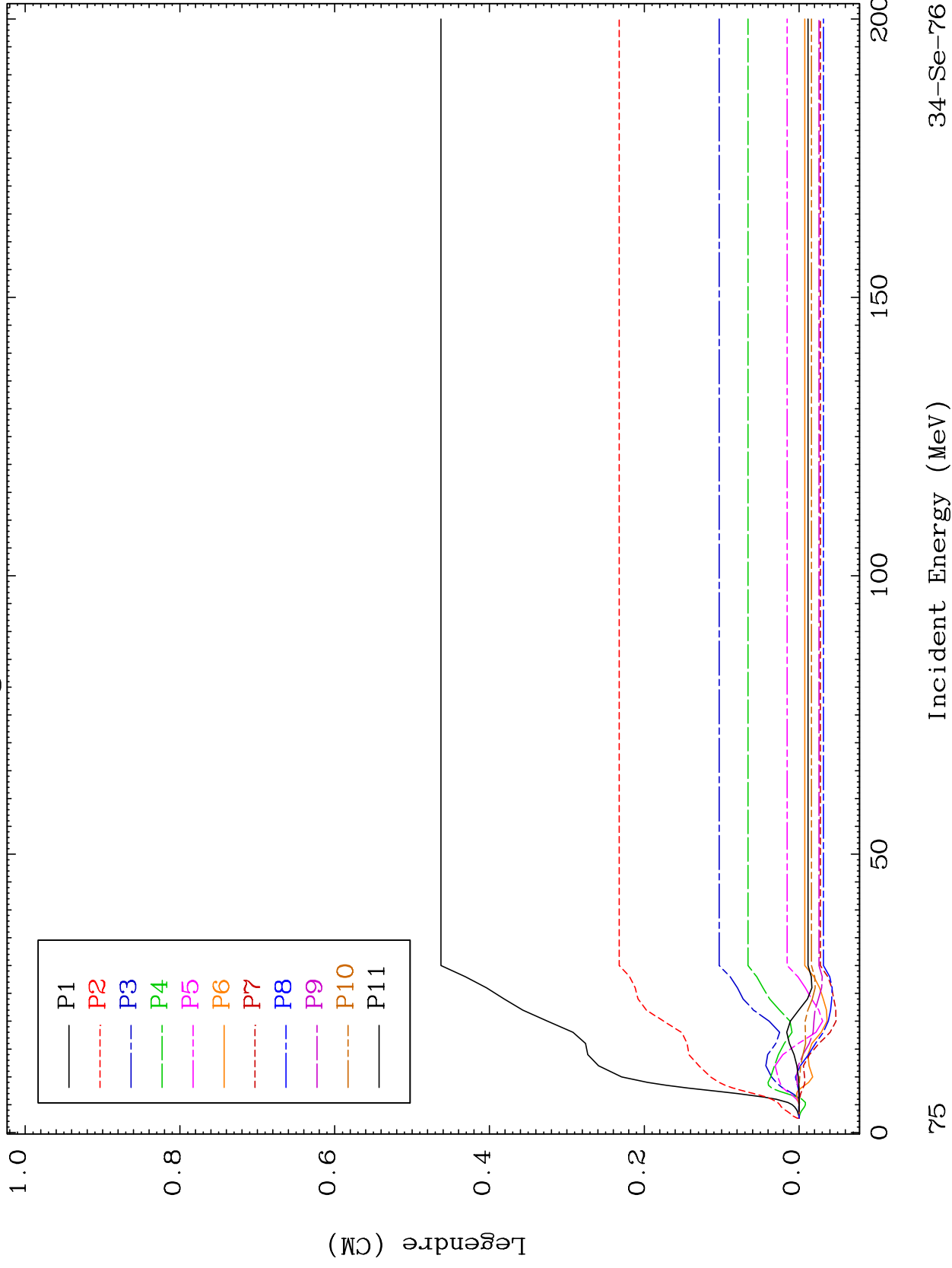
<sup>34</sup>Se-76



MAT 3431

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

<sup>34</sup>Se-76



<sup>34</sup>Se-76

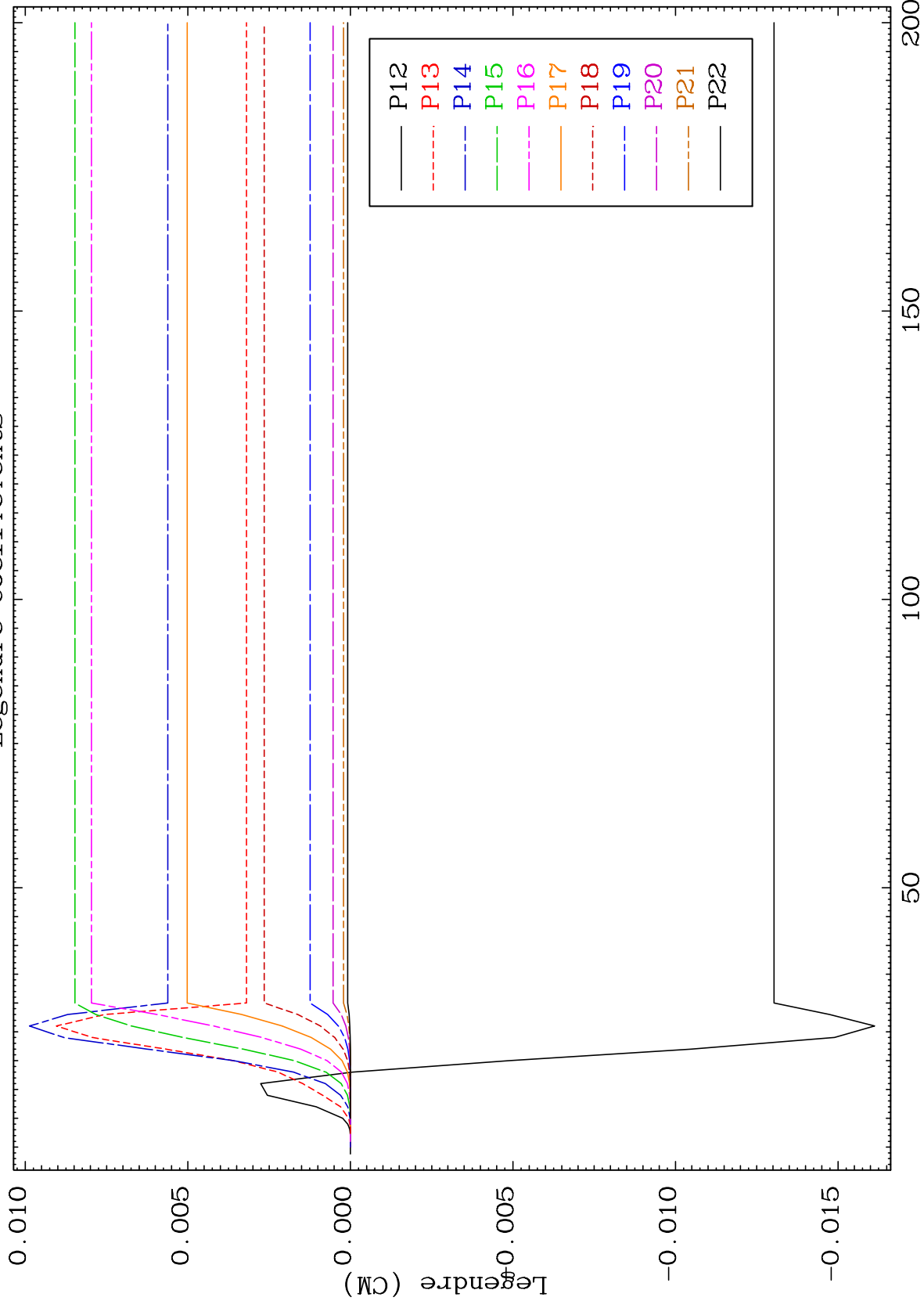
Incident Energy (MeV)

75

MAT 3431

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

34-Se-76



76

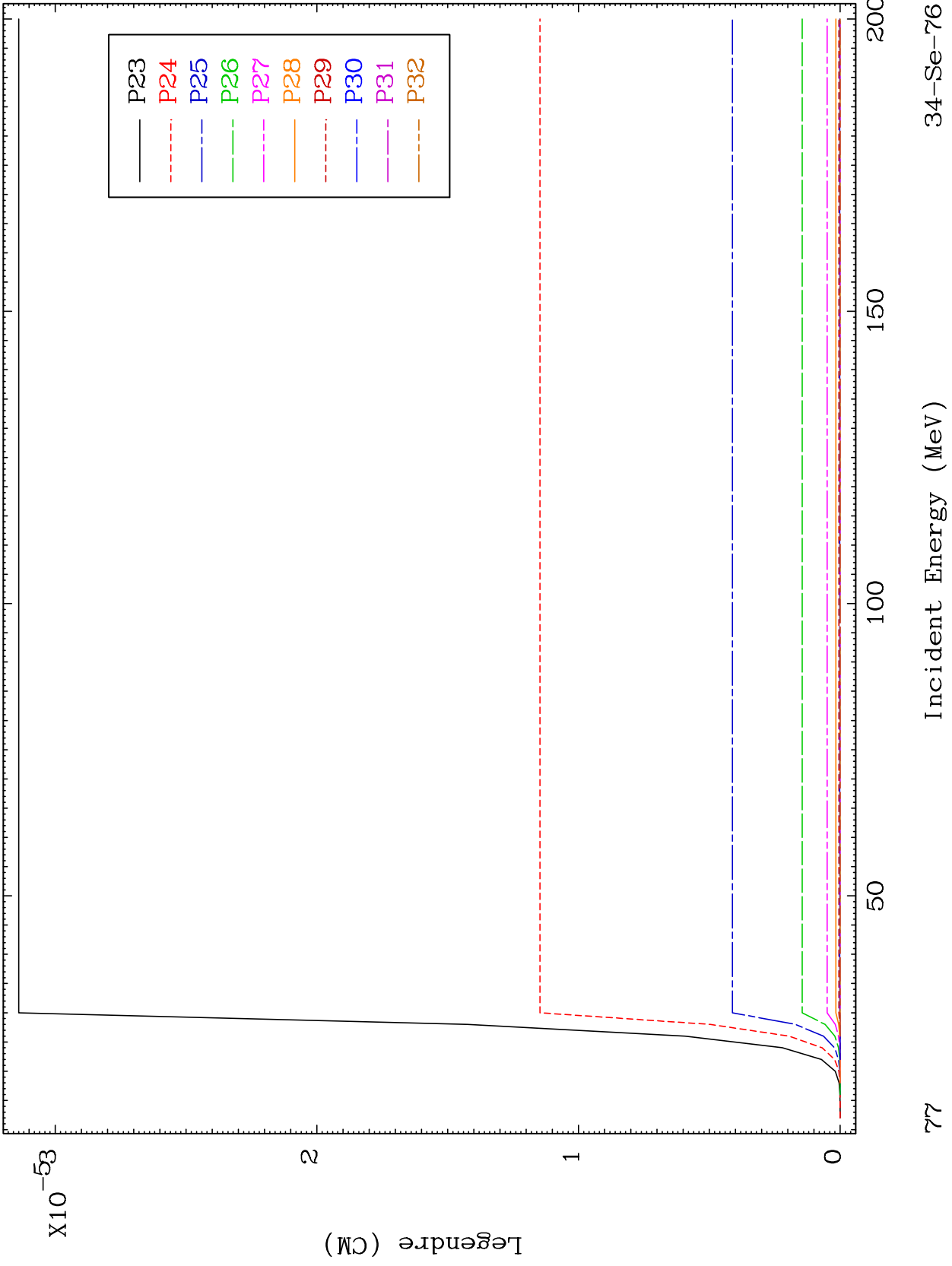
Incident Energy (MeV)

34-Se-76

MAT 3431

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

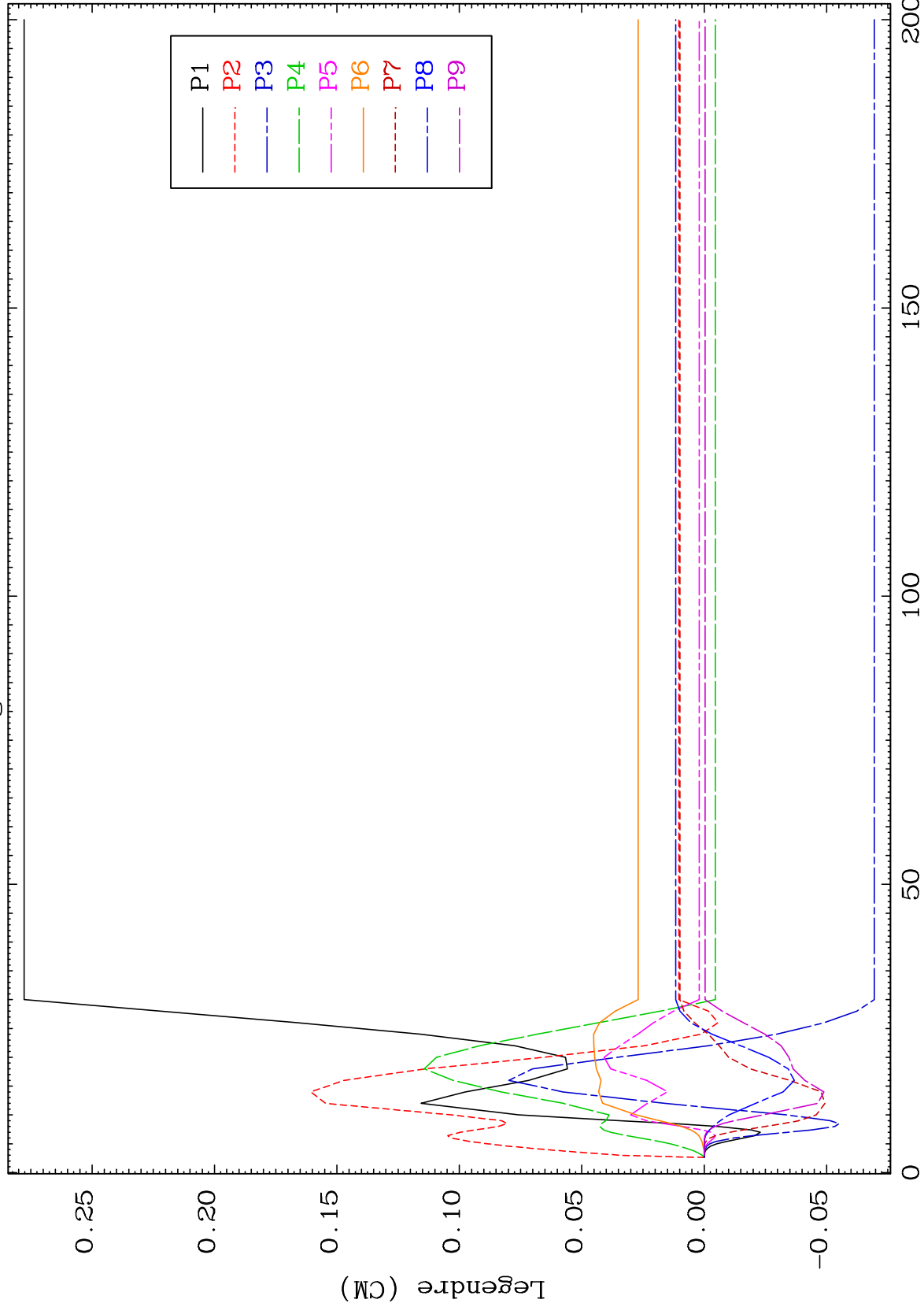
<sup>34</sup>Se-76



MAT 3431

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

<sup>34</sup>Se-76



78

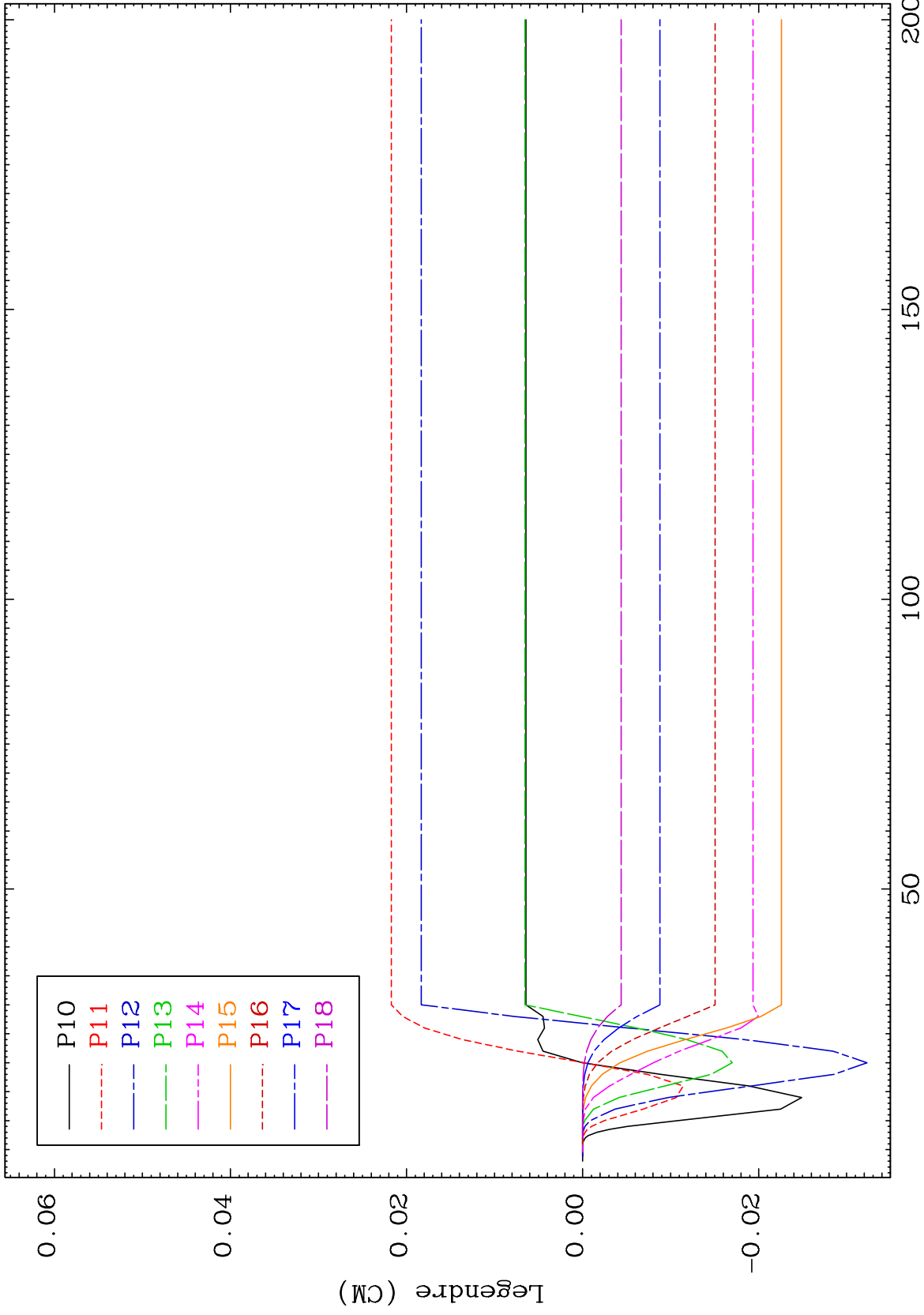
Incident Energy (MeV)

<sup>34</sup>Se-76

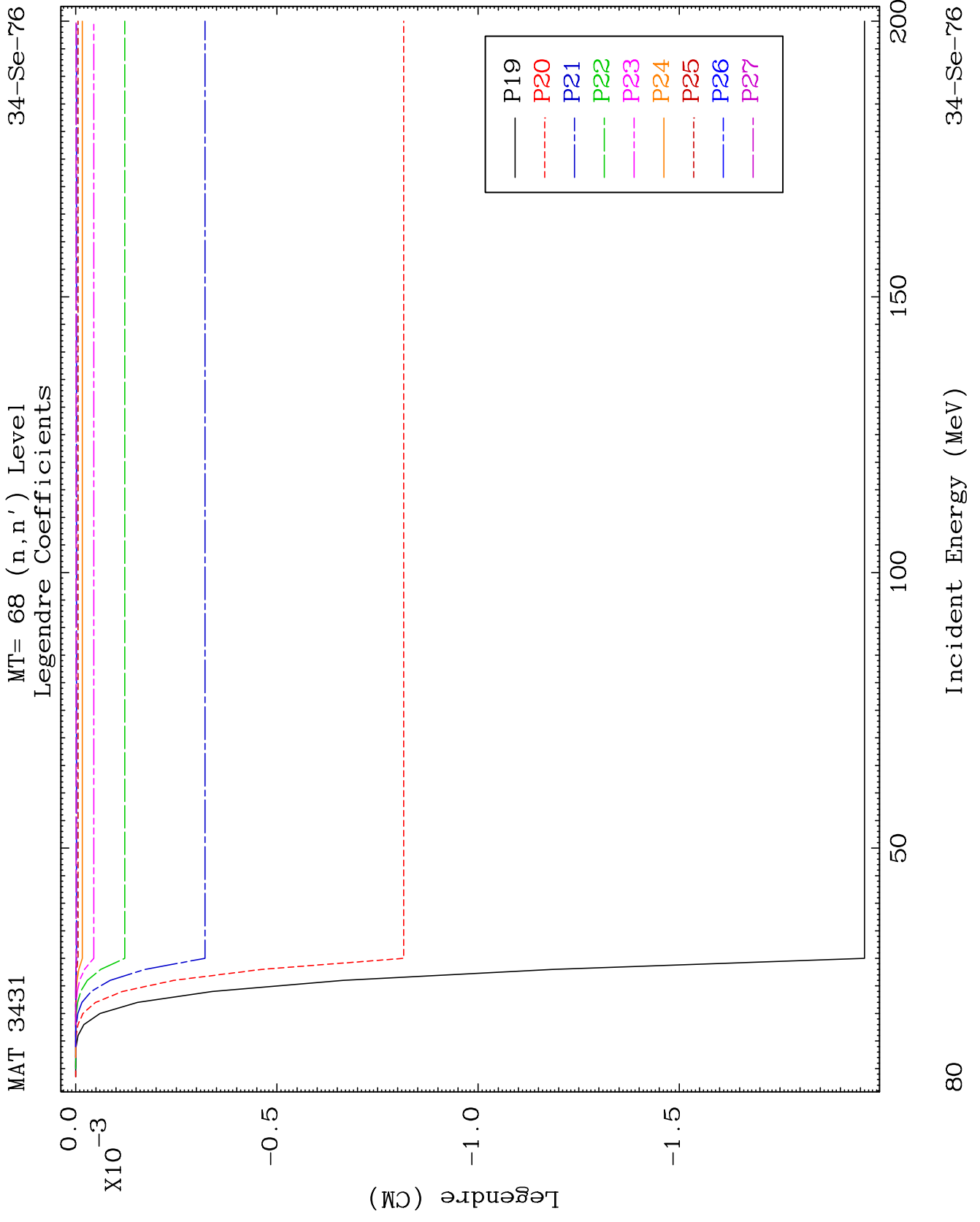
MAT 3431

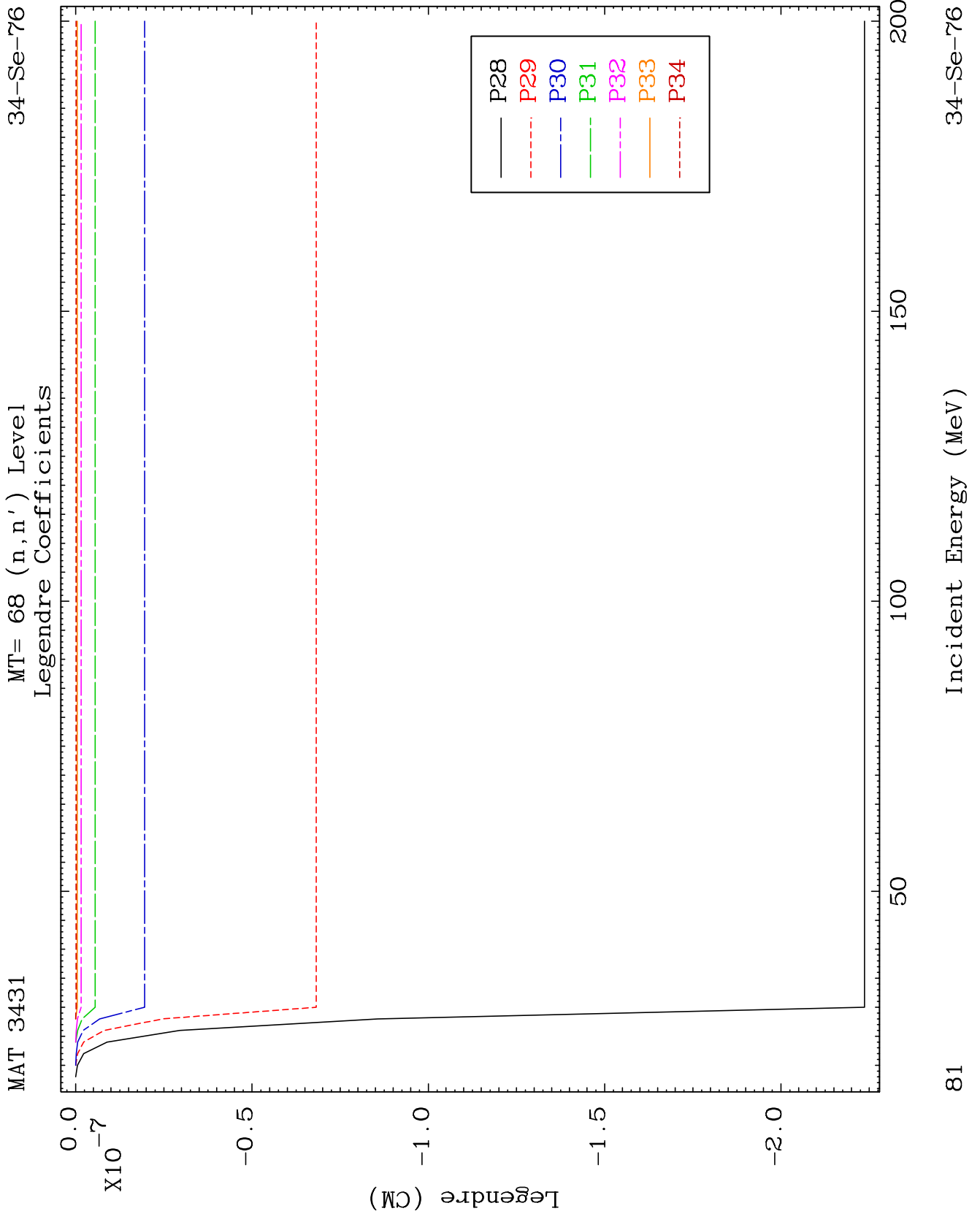
MT= 68 (n,n') Level  
Legendre Coefficients

34-Se-76





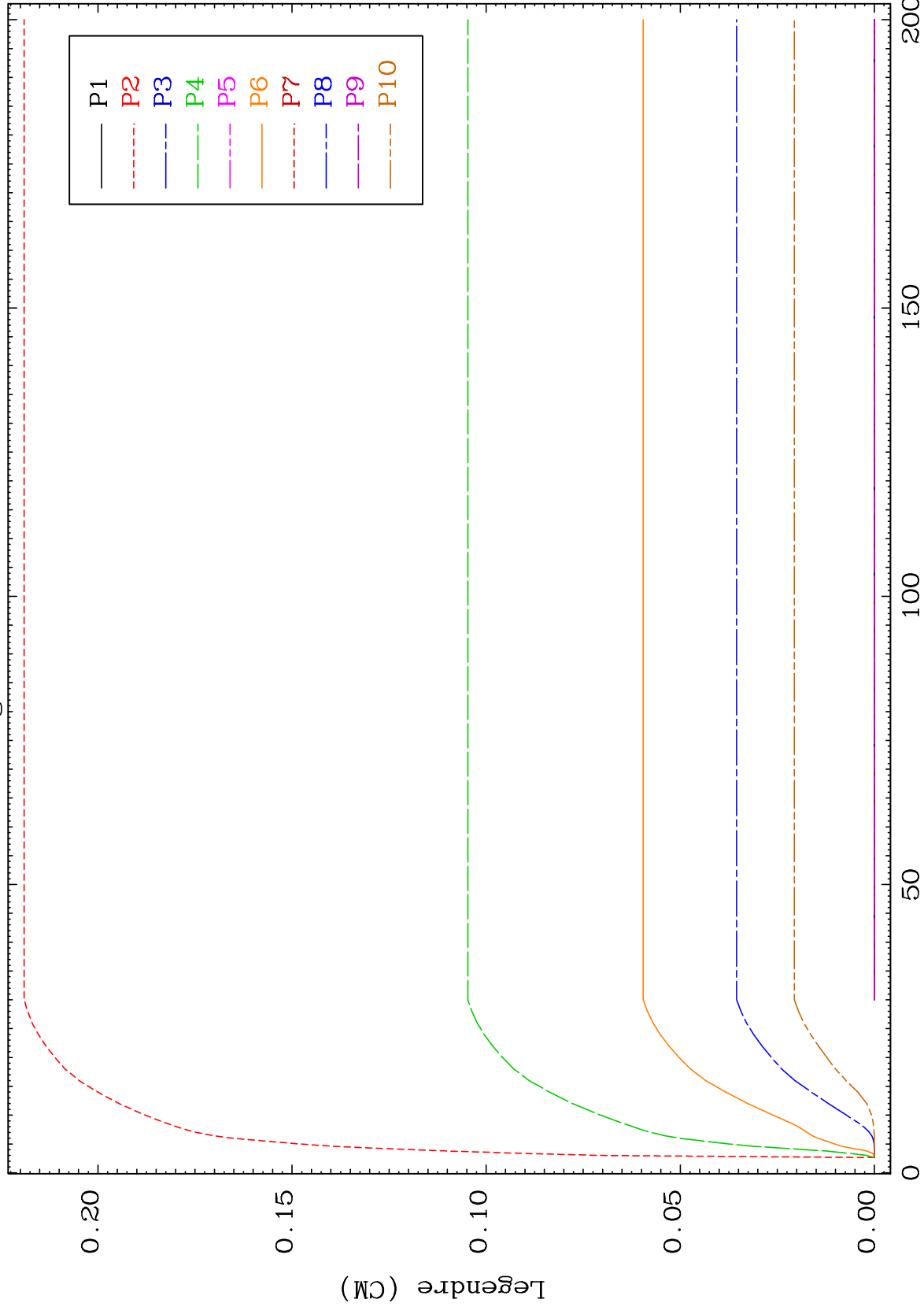




MAT 3431

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

<sup>34</sup>Se-76



<sup>34</sup>Se-76

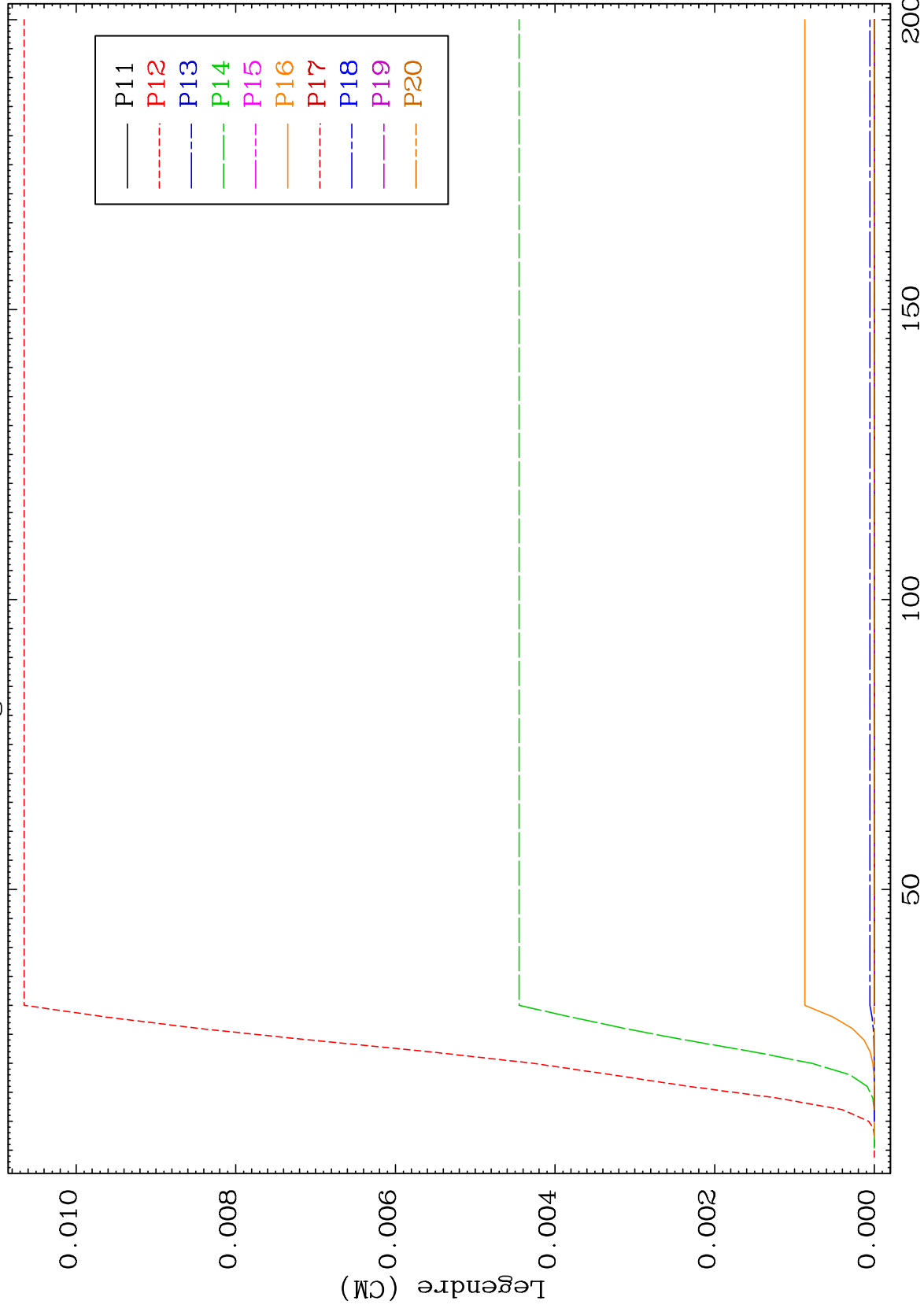
Incident Energy (MeV)

82

MAT 3431

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

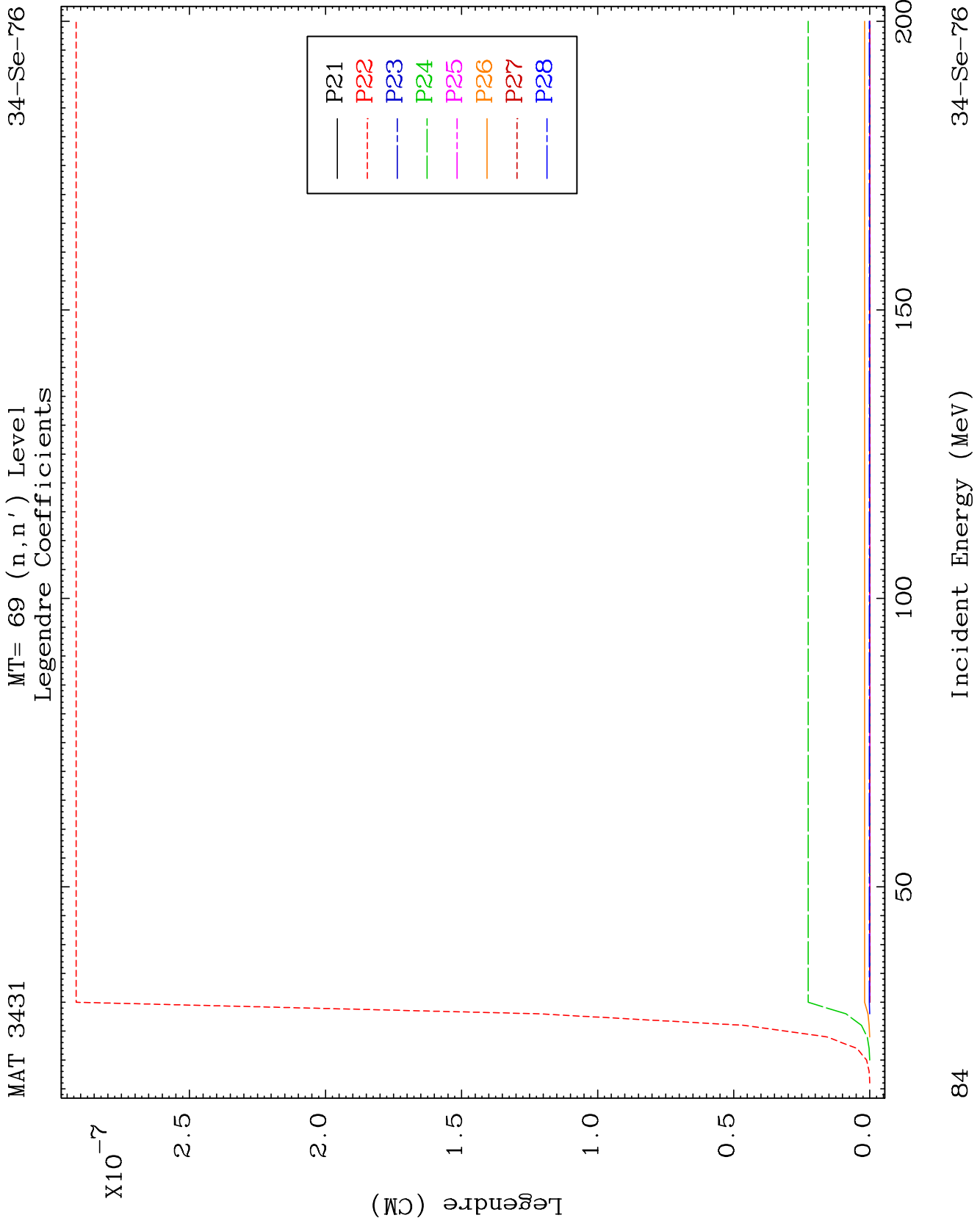
34-Se-76



83

Incident Energy (MeV)

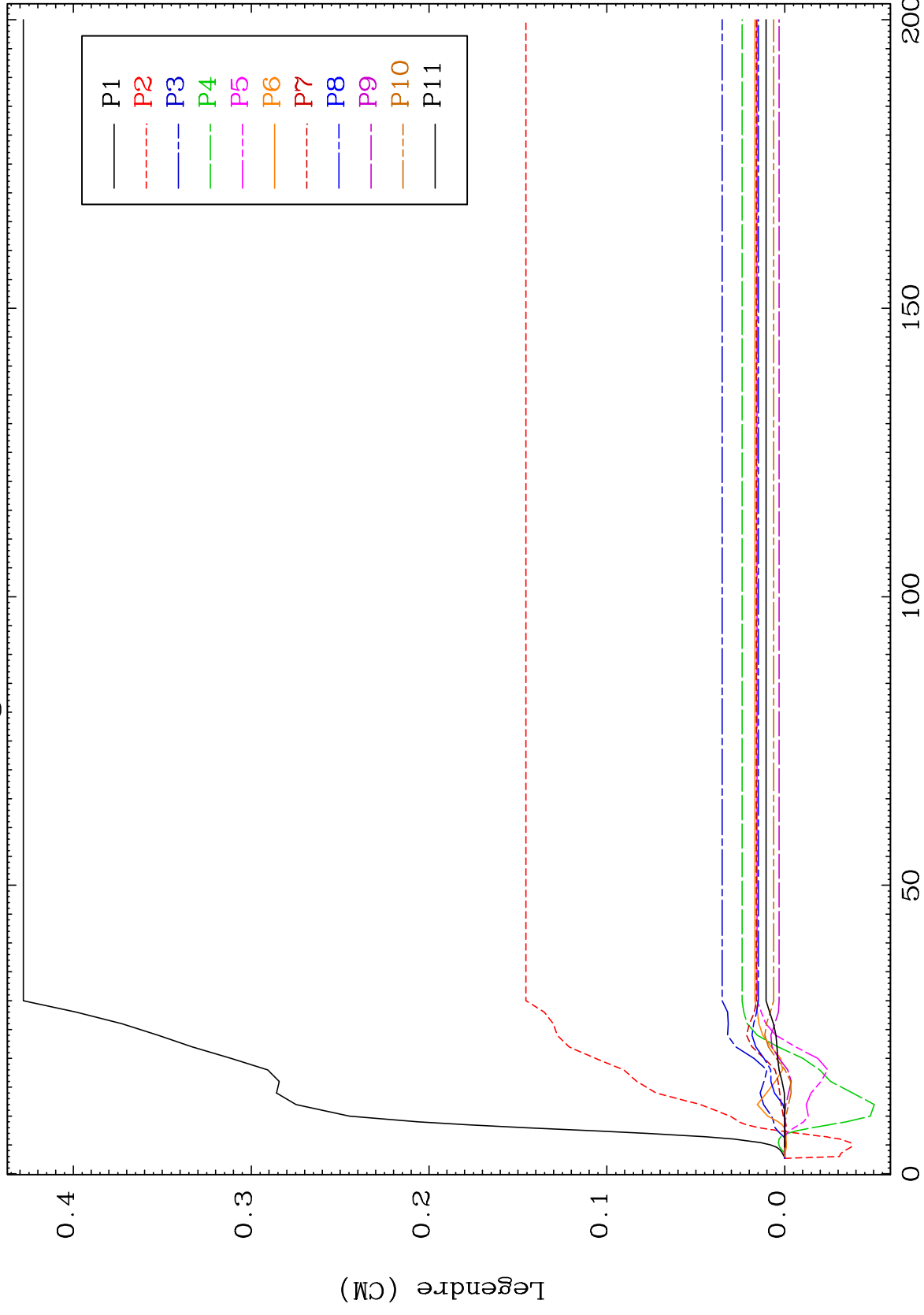
34-Se-76



MAT 3431

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

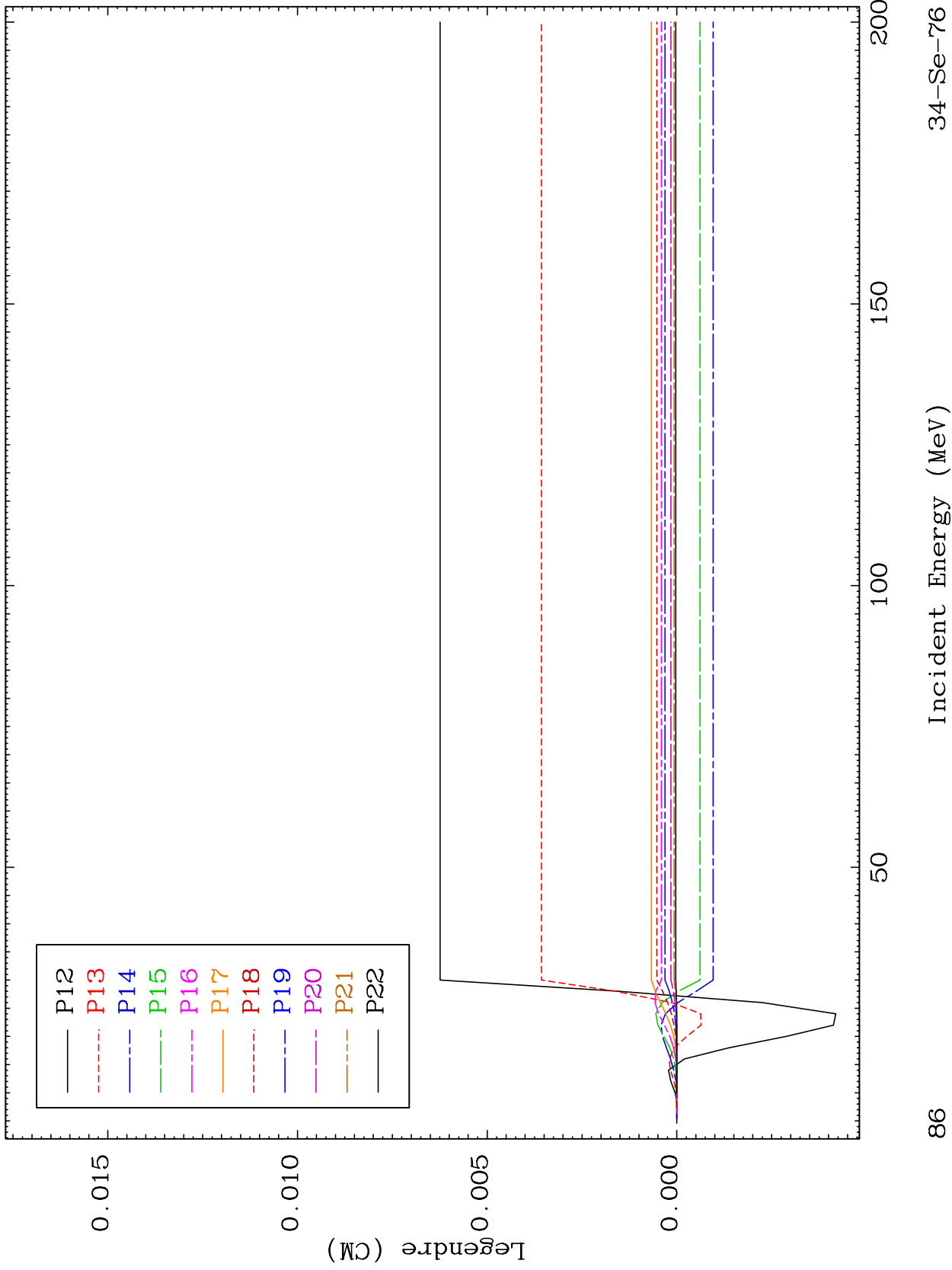
<sup>34</sup>Se-76



85

Incident Energy (MeV)

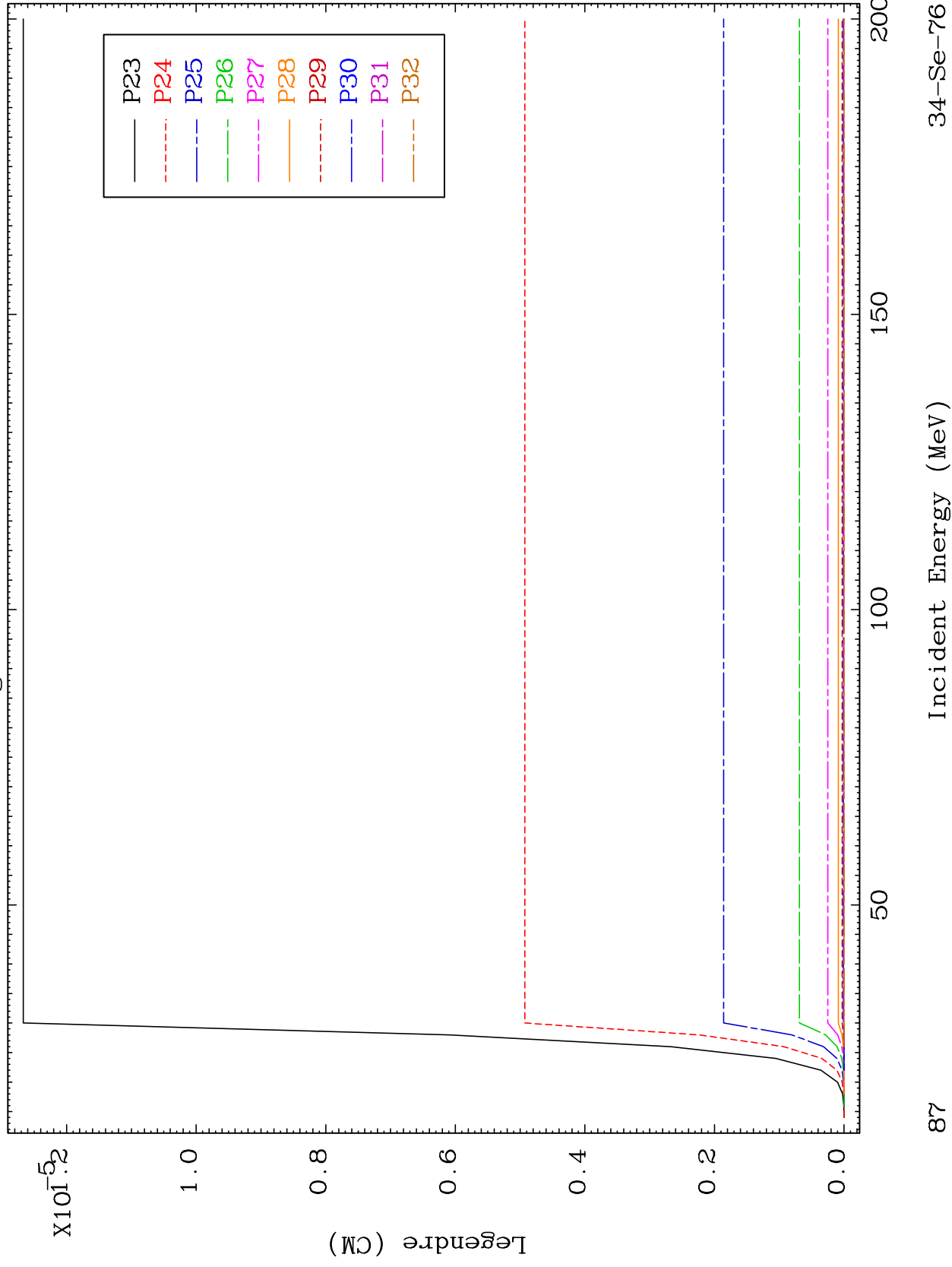
<sup>34</sup>Se-76



MAT 3431

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

<sup>34</sup>Se-76

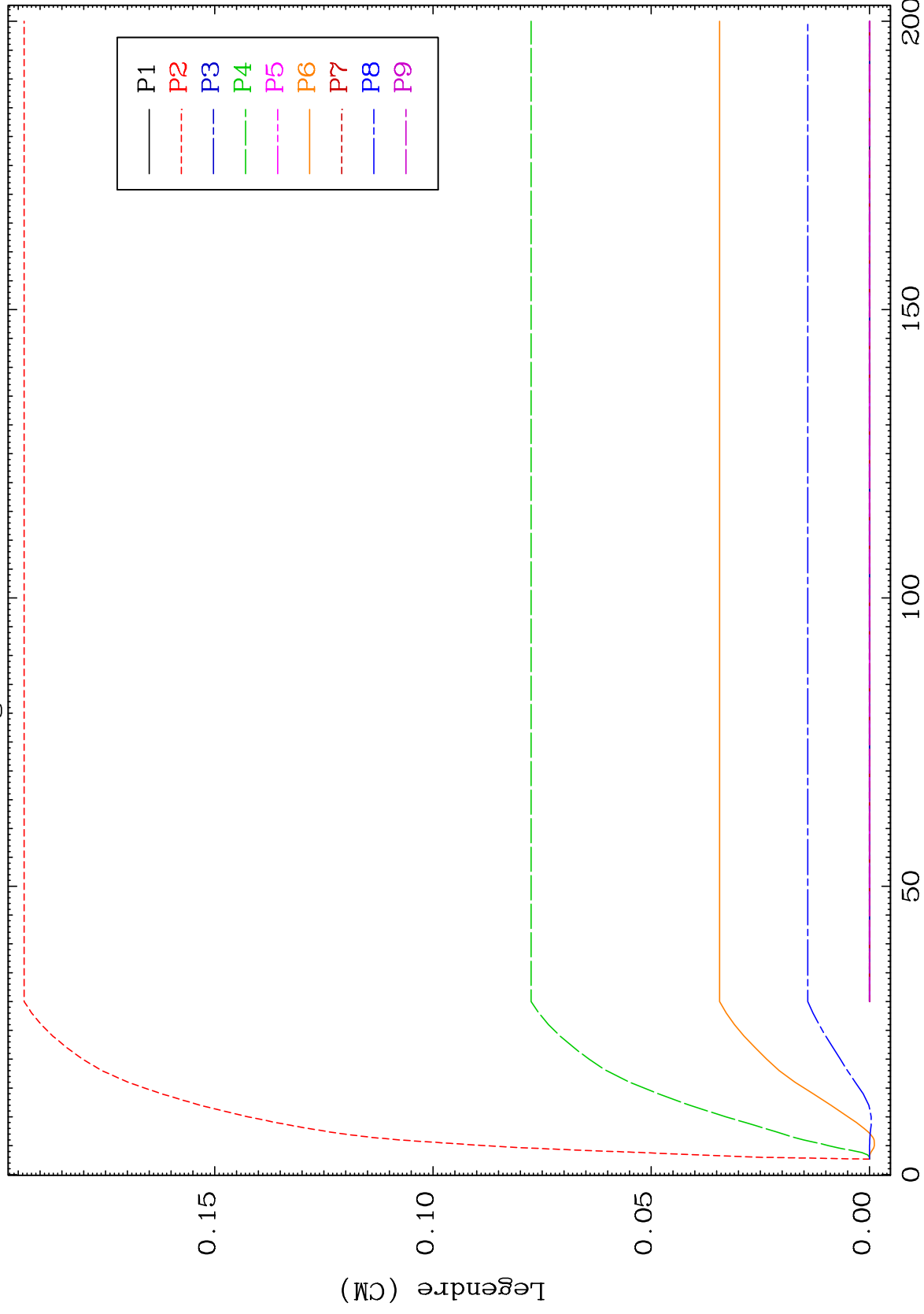




MAT 3431

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

34-Se-76



88

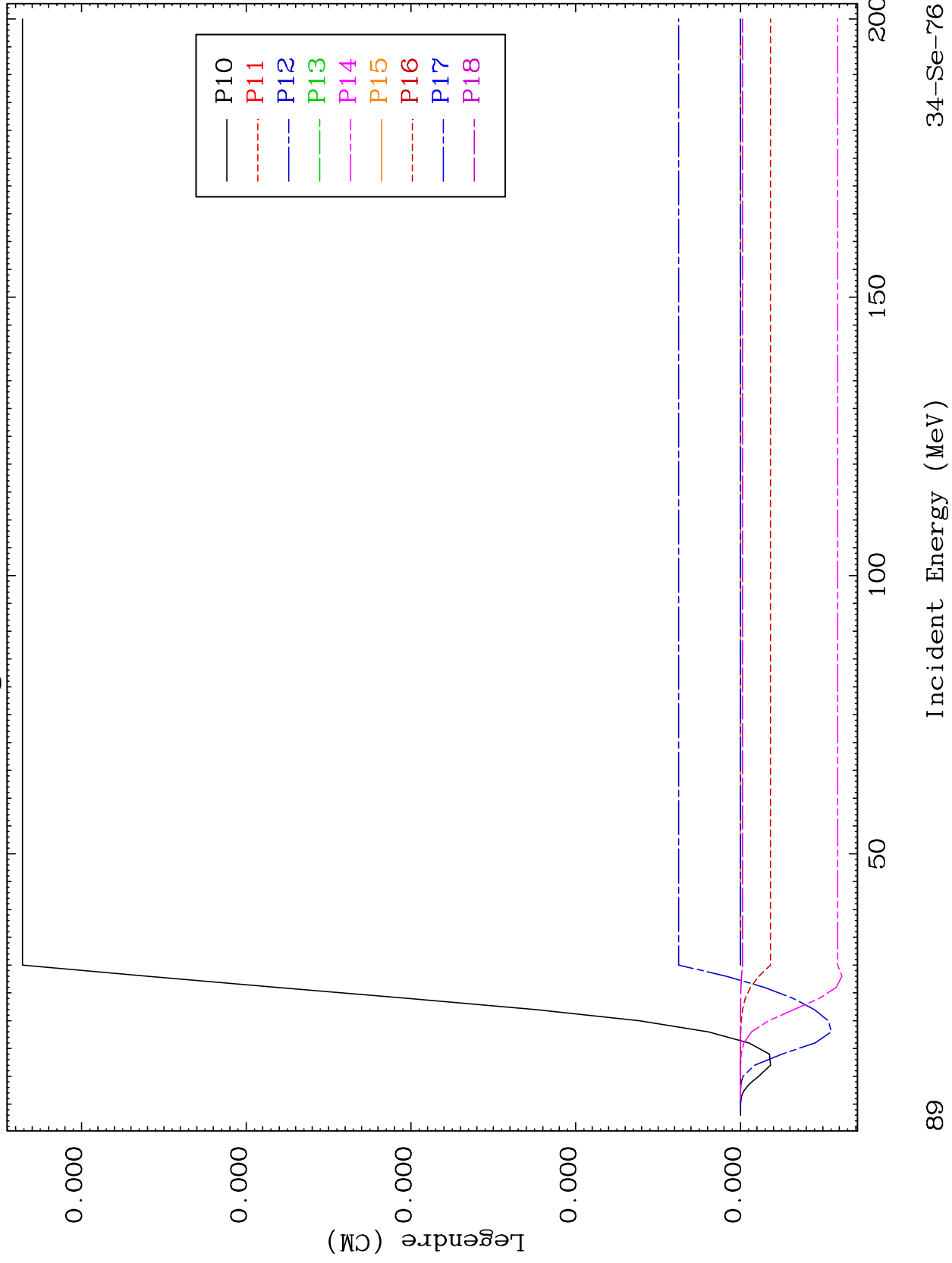
Incident Energy (MeV)

34-Se-76

MAT 3431

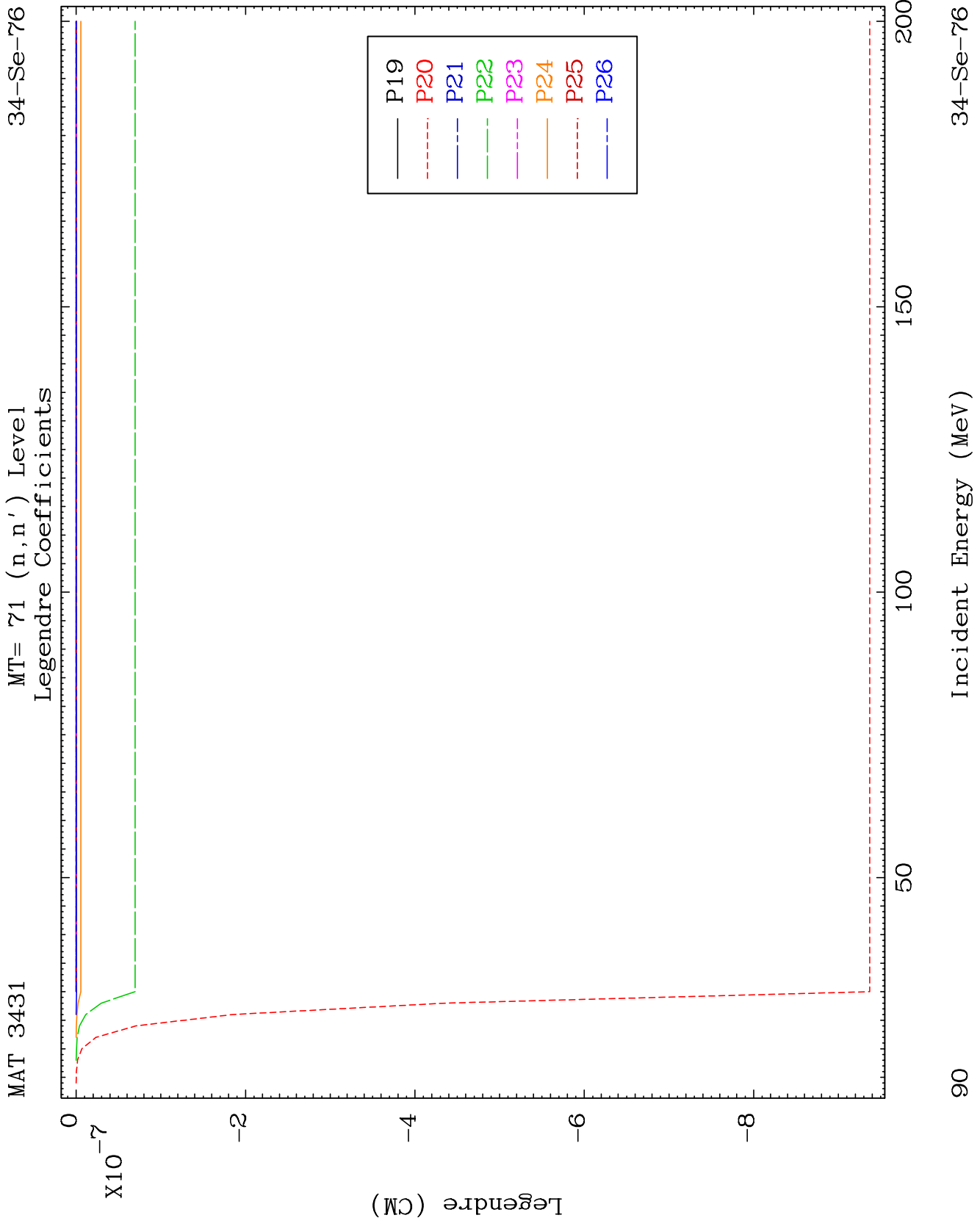
MT= 71 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-76



89

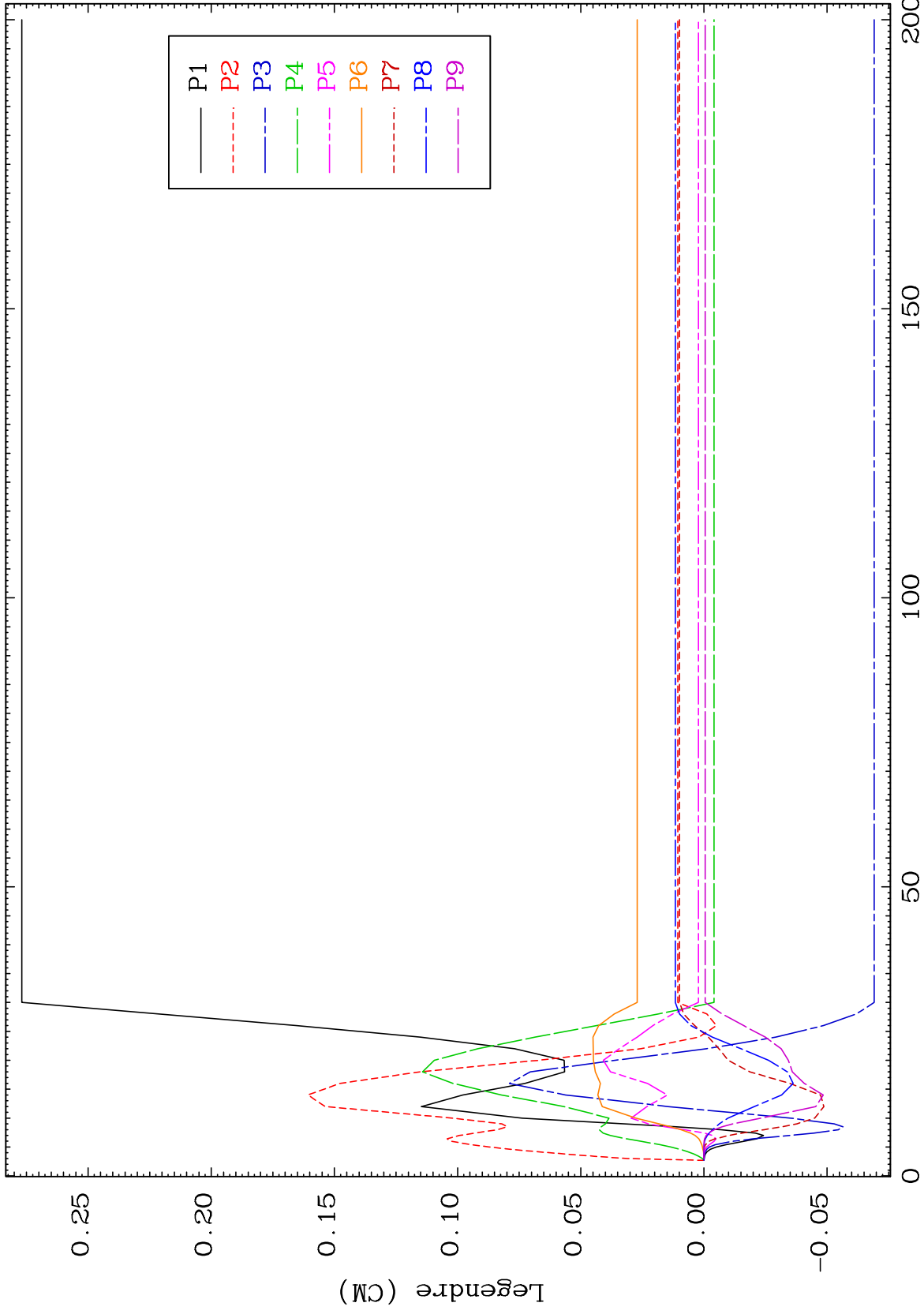
<sup>34</sup>Se-76



MAT 3431

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

<sup>34</sup>Se-76



91

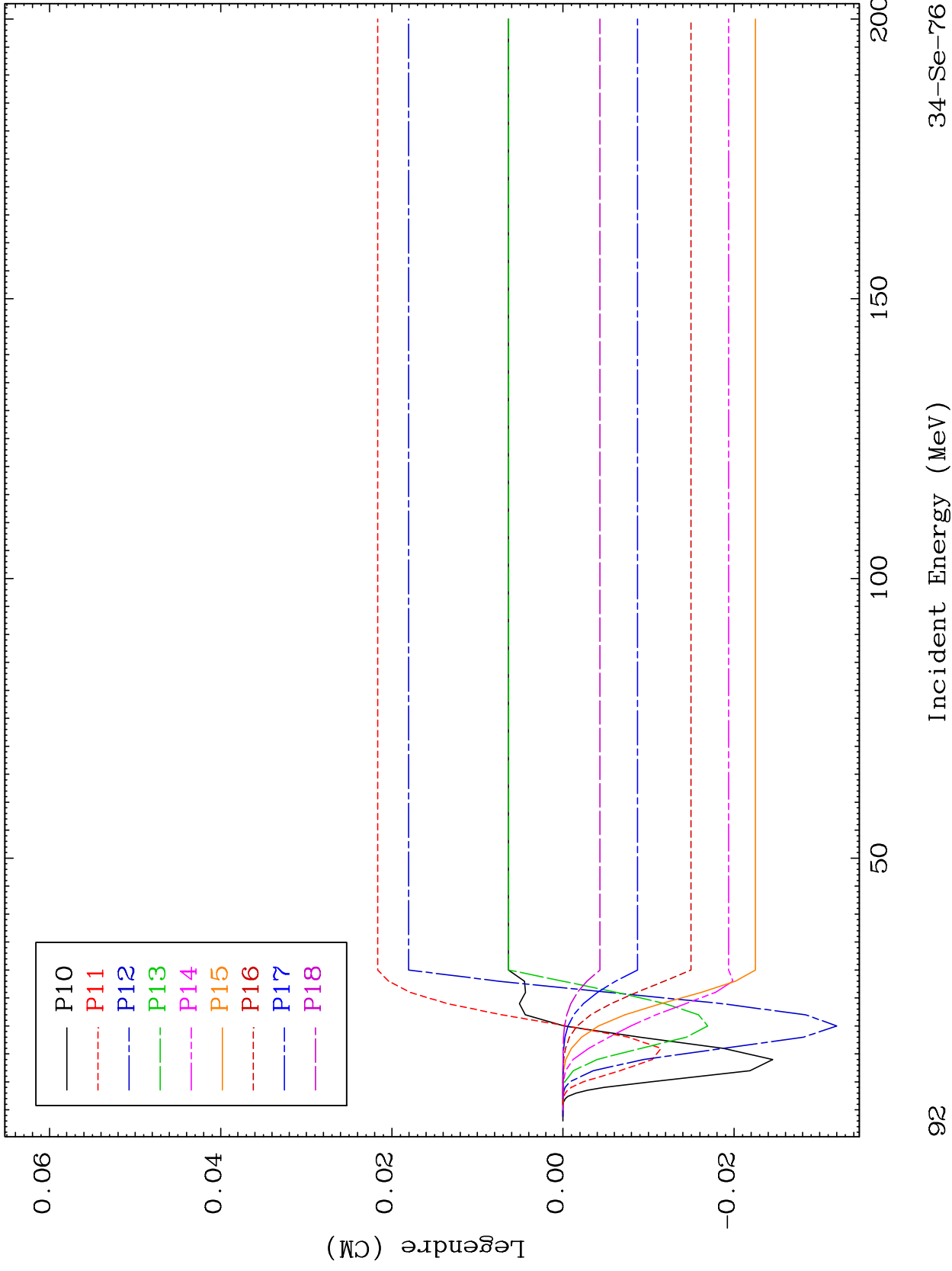
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

34-Se-76



92

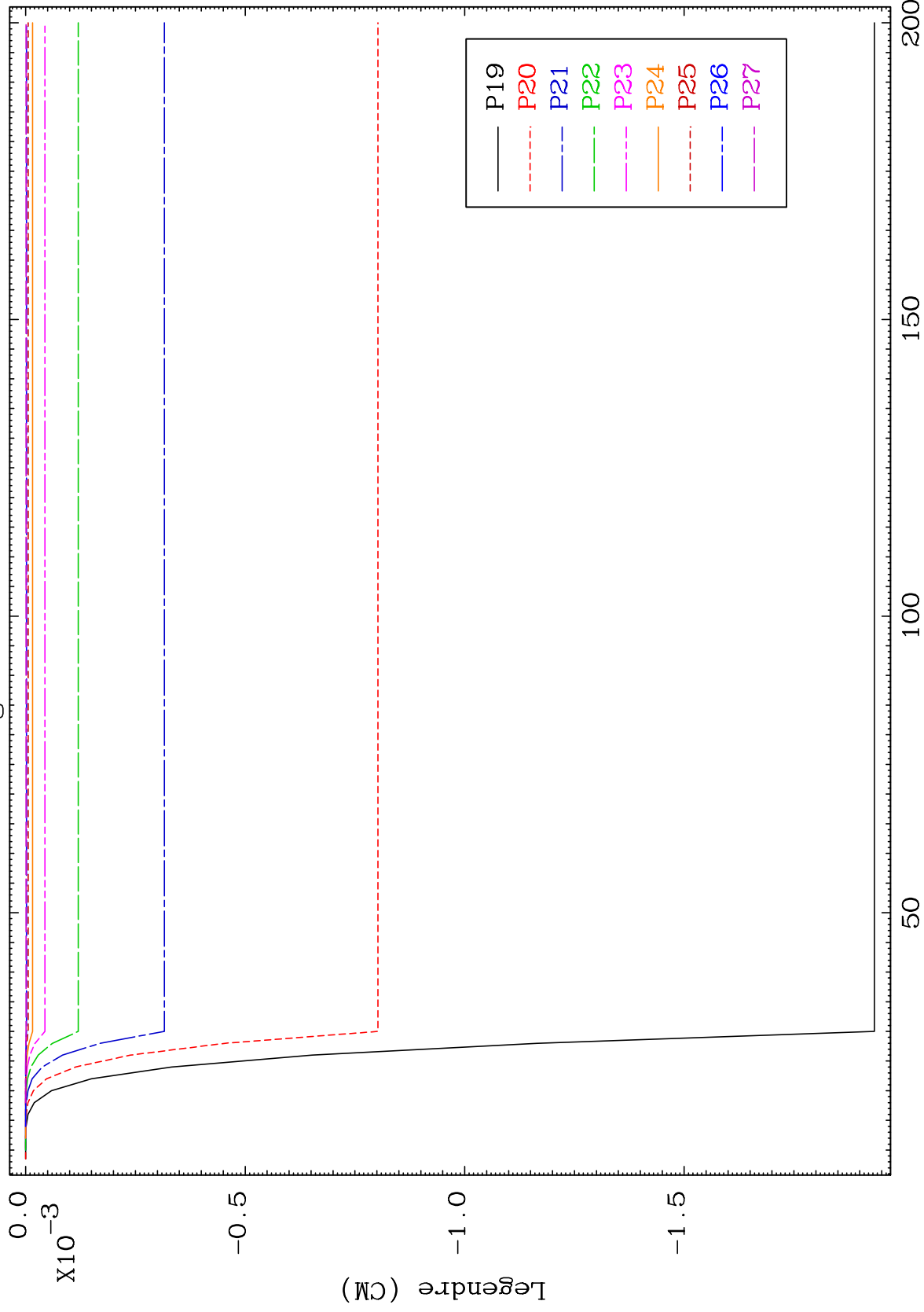
Incident Energy (MeV)

34-Se-76

MAT 3431

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

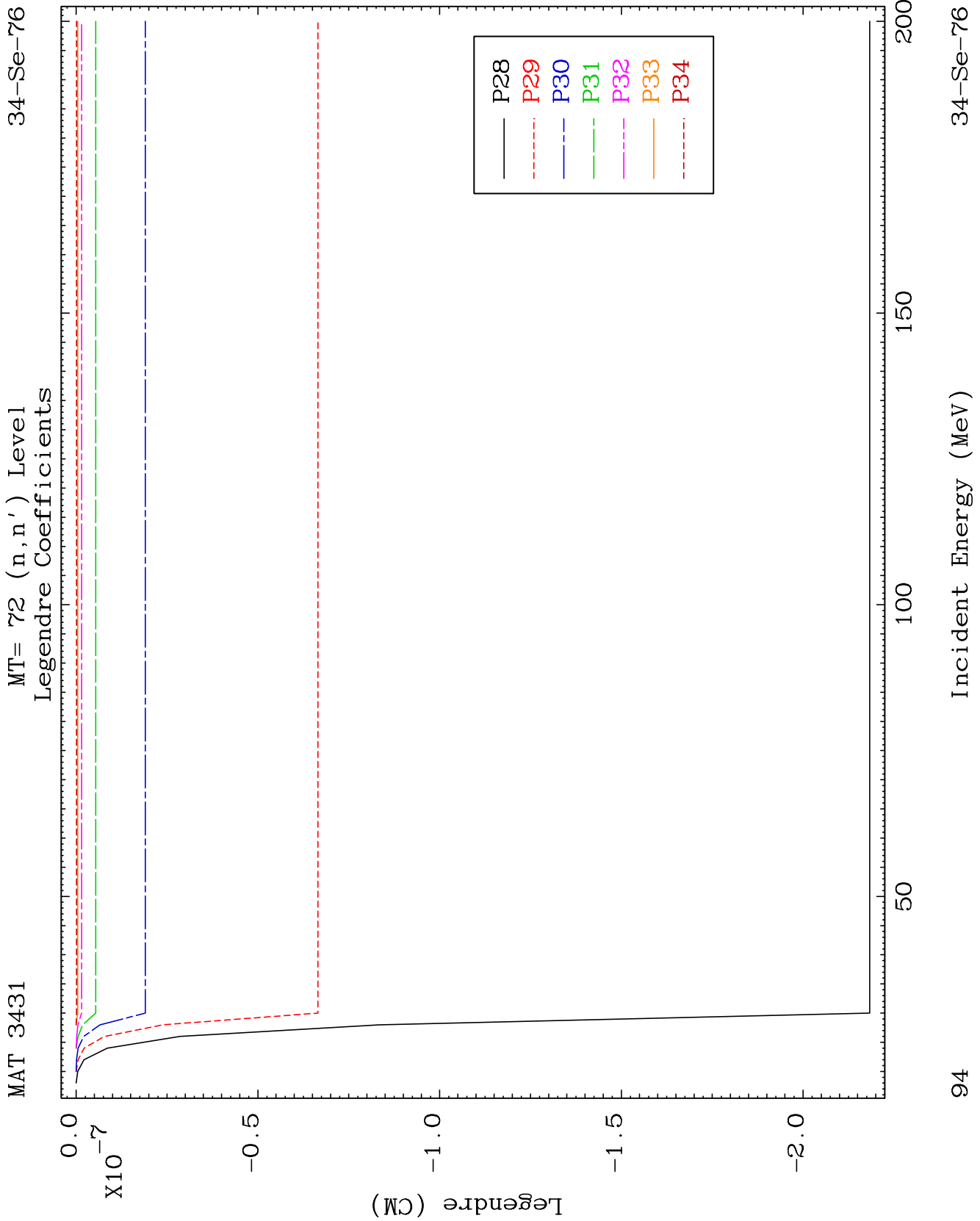
34-Se-76



93

Incident Energy (MeV)

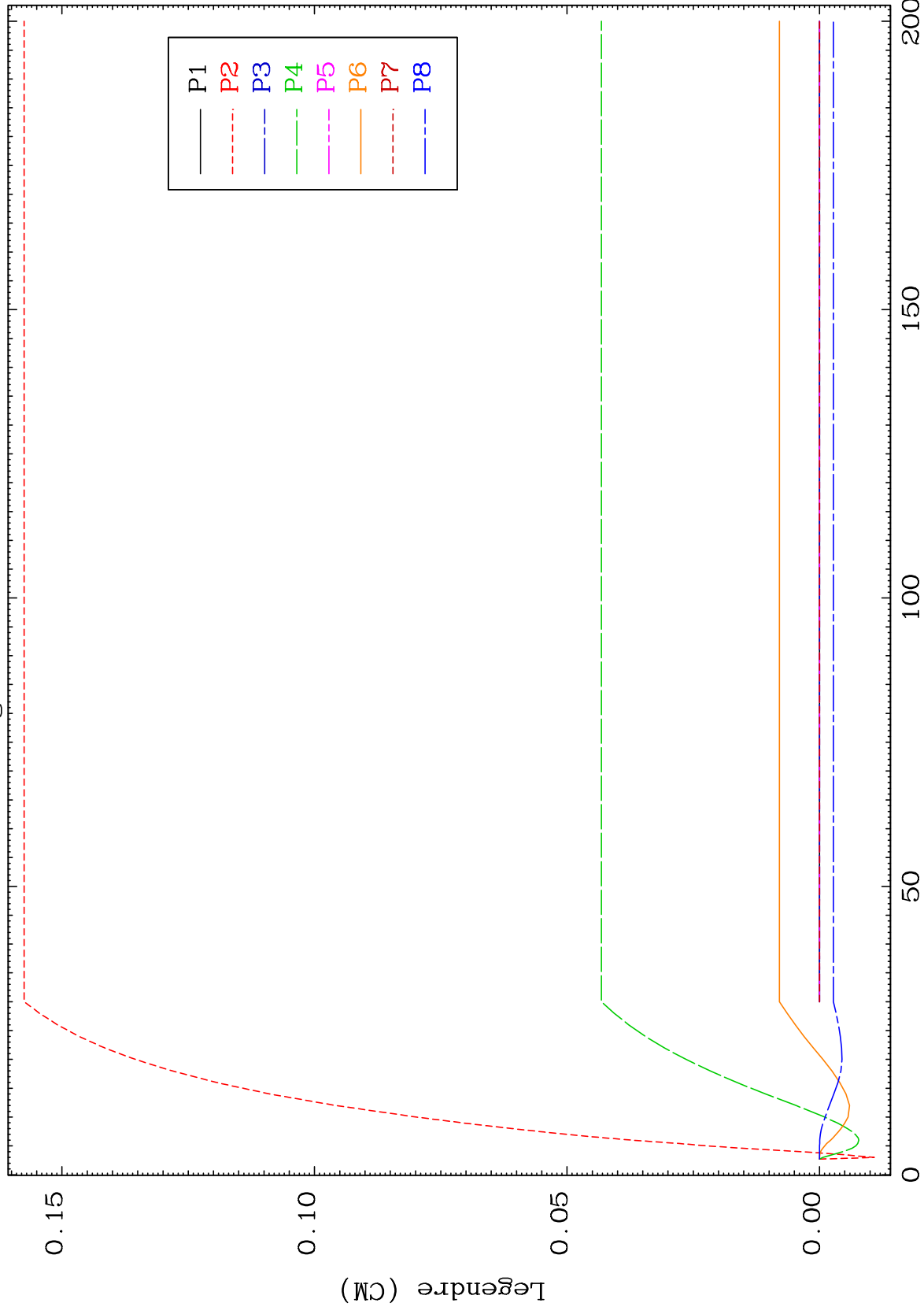
34-Se-76



MAT 3431

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

34-Se-76



95

Incident Energy (MeV)

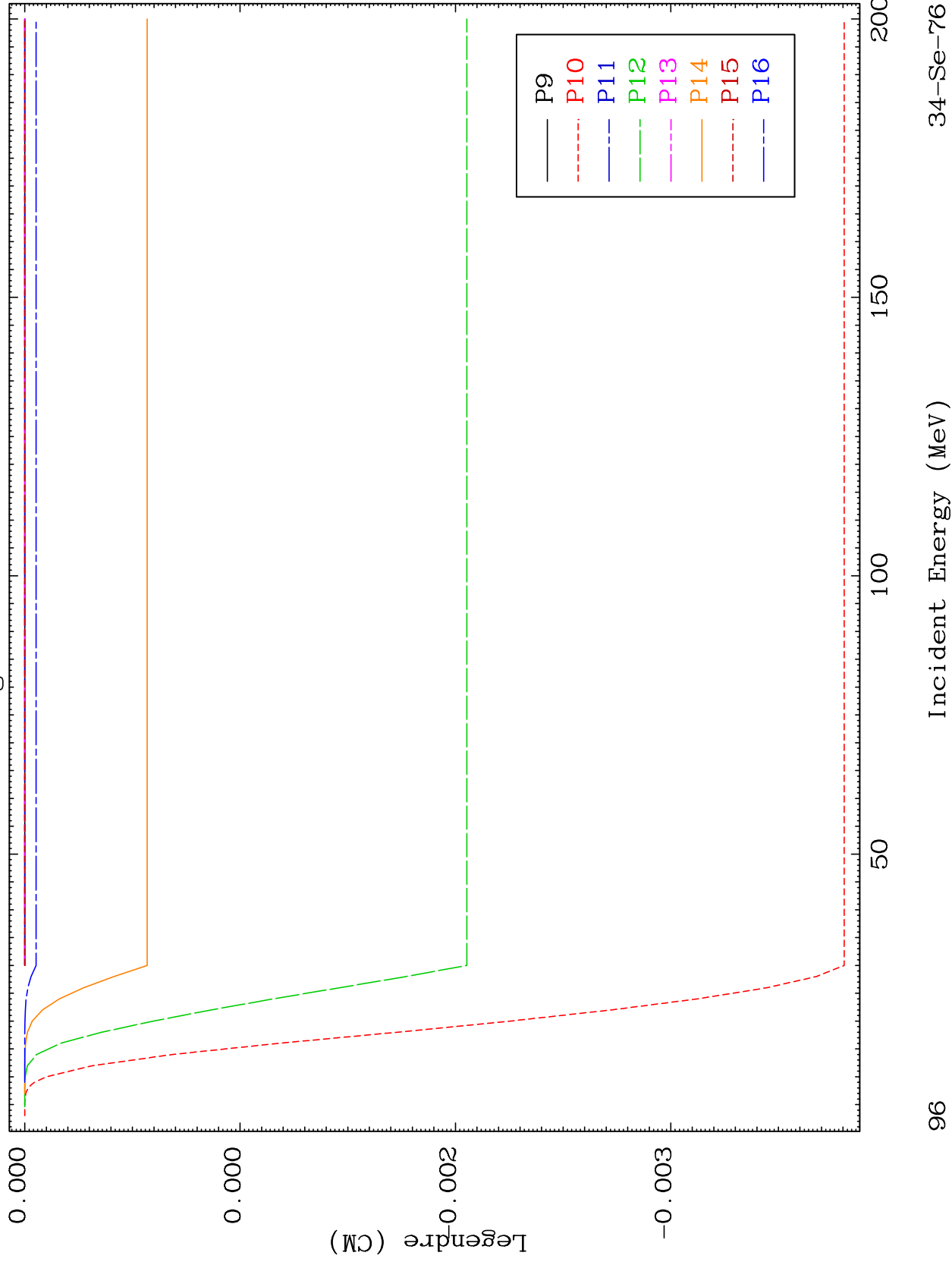
34-Se-76



MAT 3431

34-Se-76

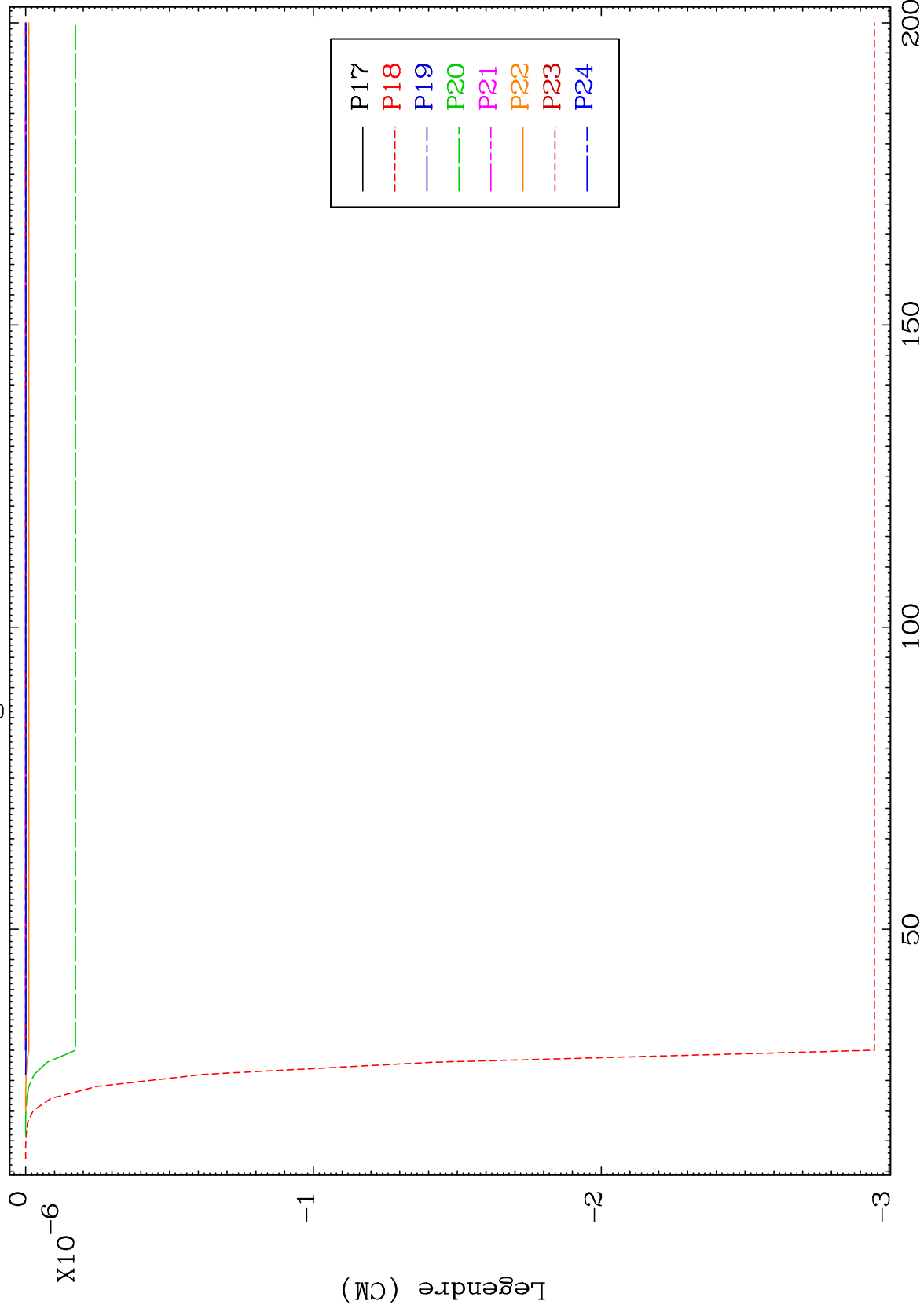
MT= 73 (n,n') Level  
Legendre Coefficients



MAT 3431

34-Se-76

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



97

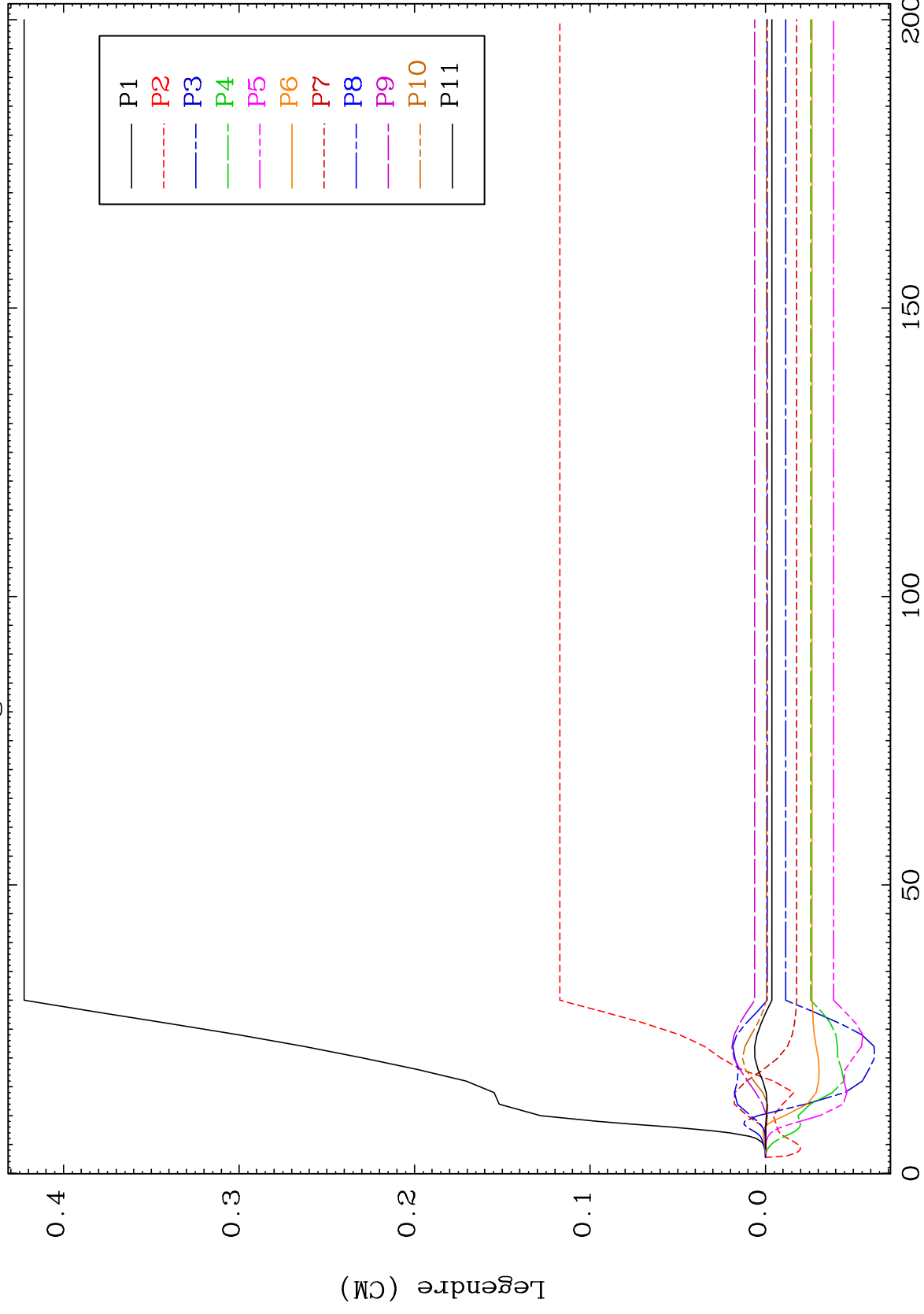
Incident Energy (MeV)

34-Se-76

MAT 3431

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

<sup>34</sup>Se-76



98

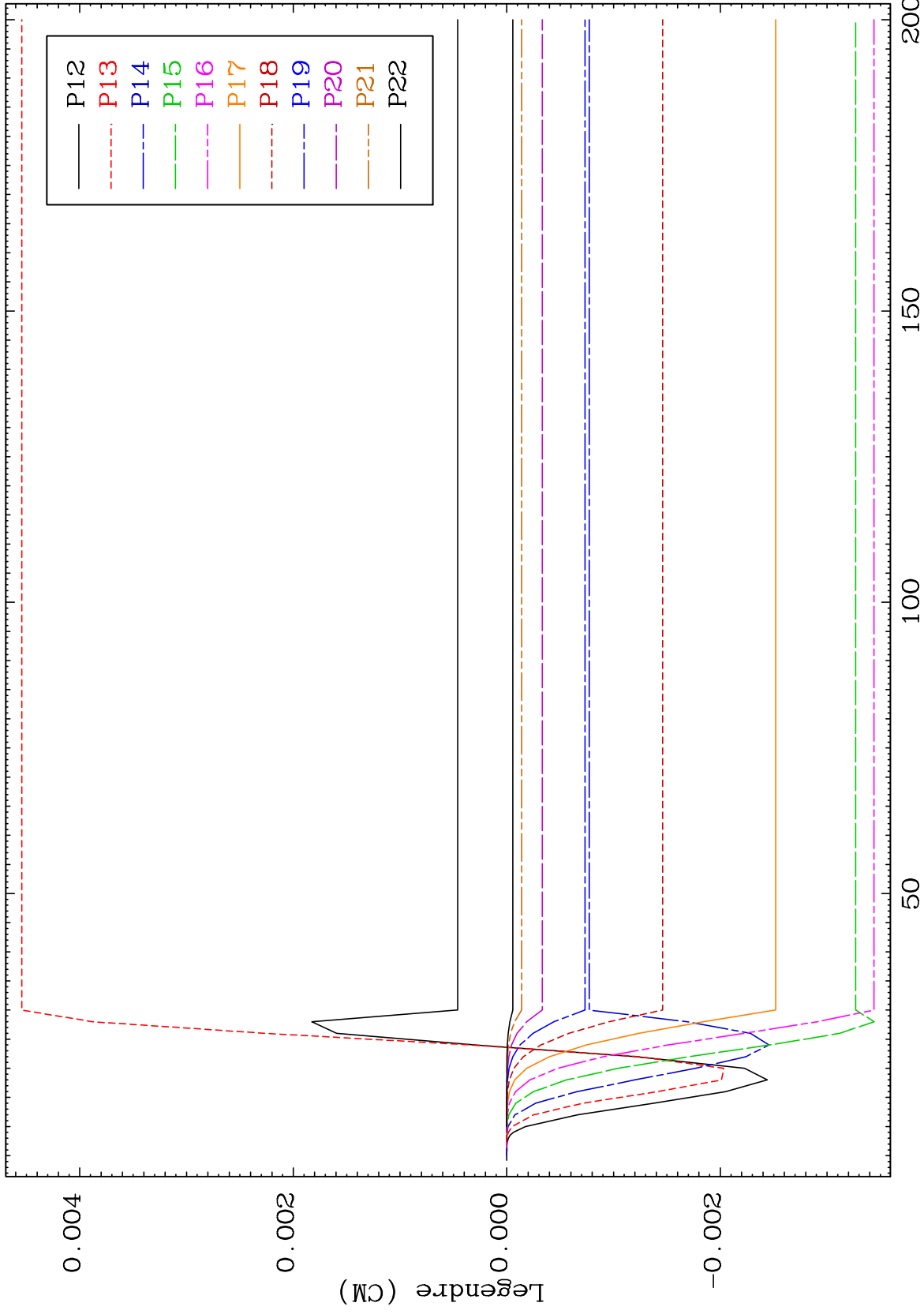
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



99

Incident Energy (MeV)

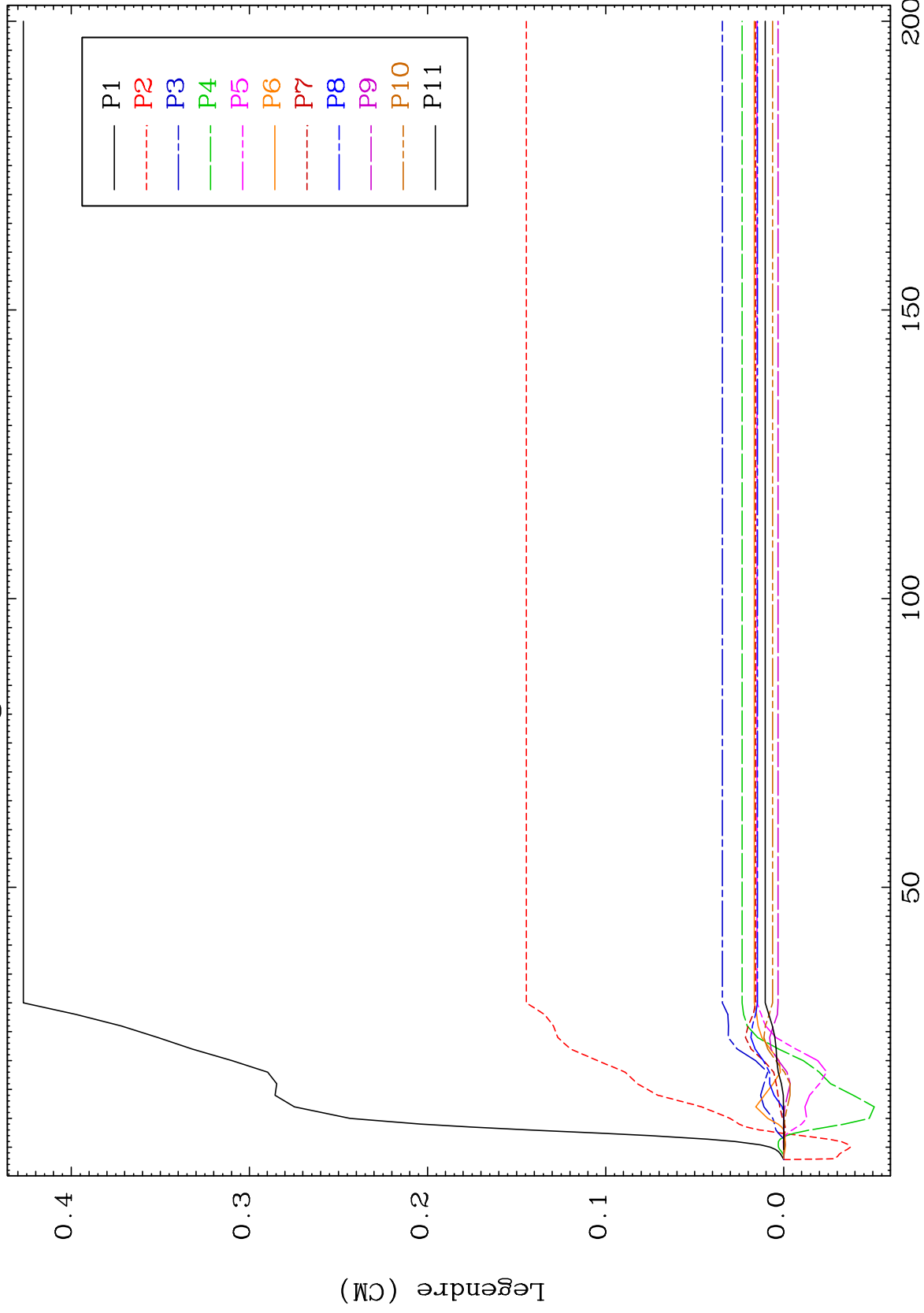
<sup>34</sup>Se-76



MAT 3431

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

<sup>34</sup>Se-76



101

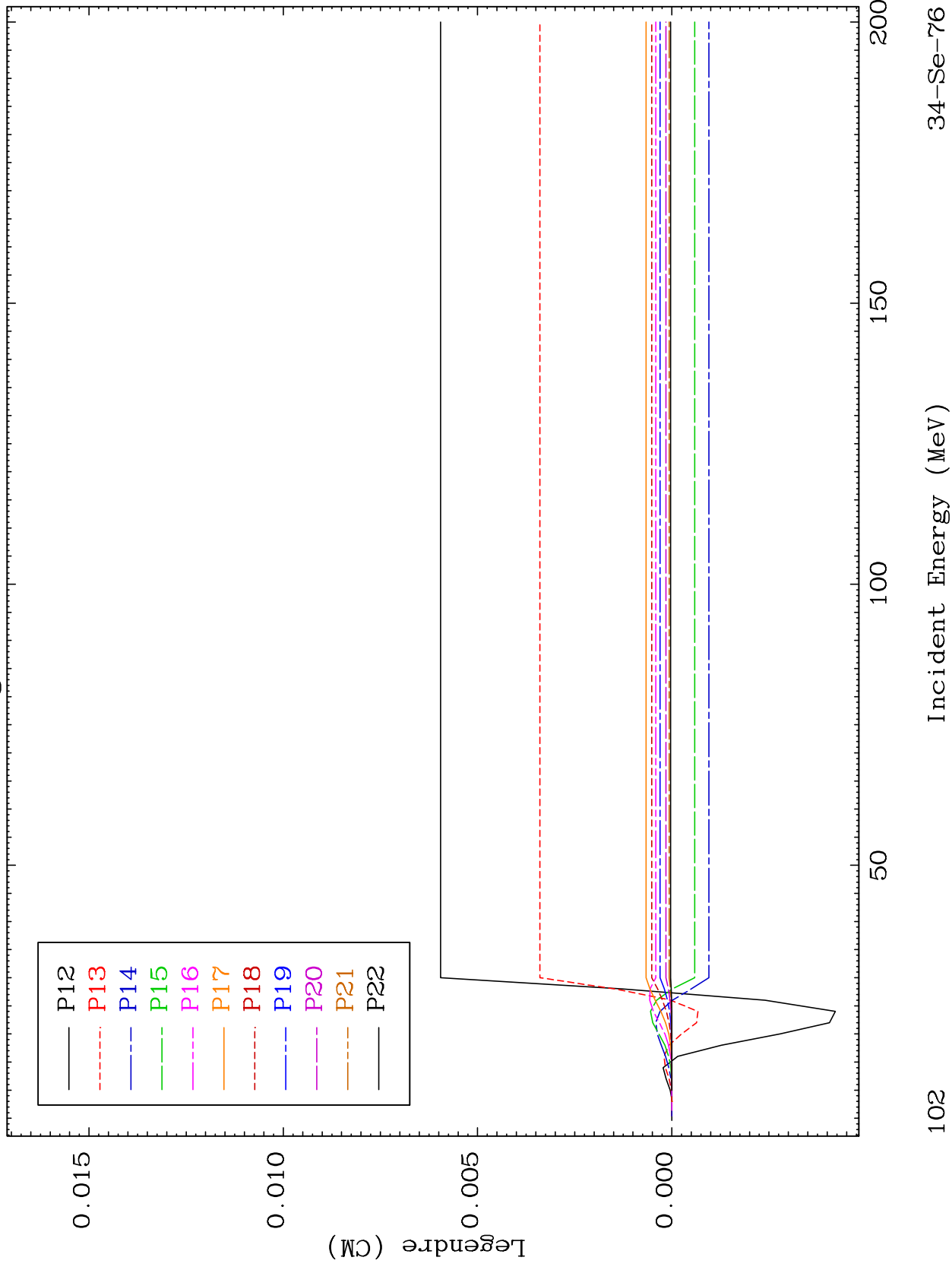
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



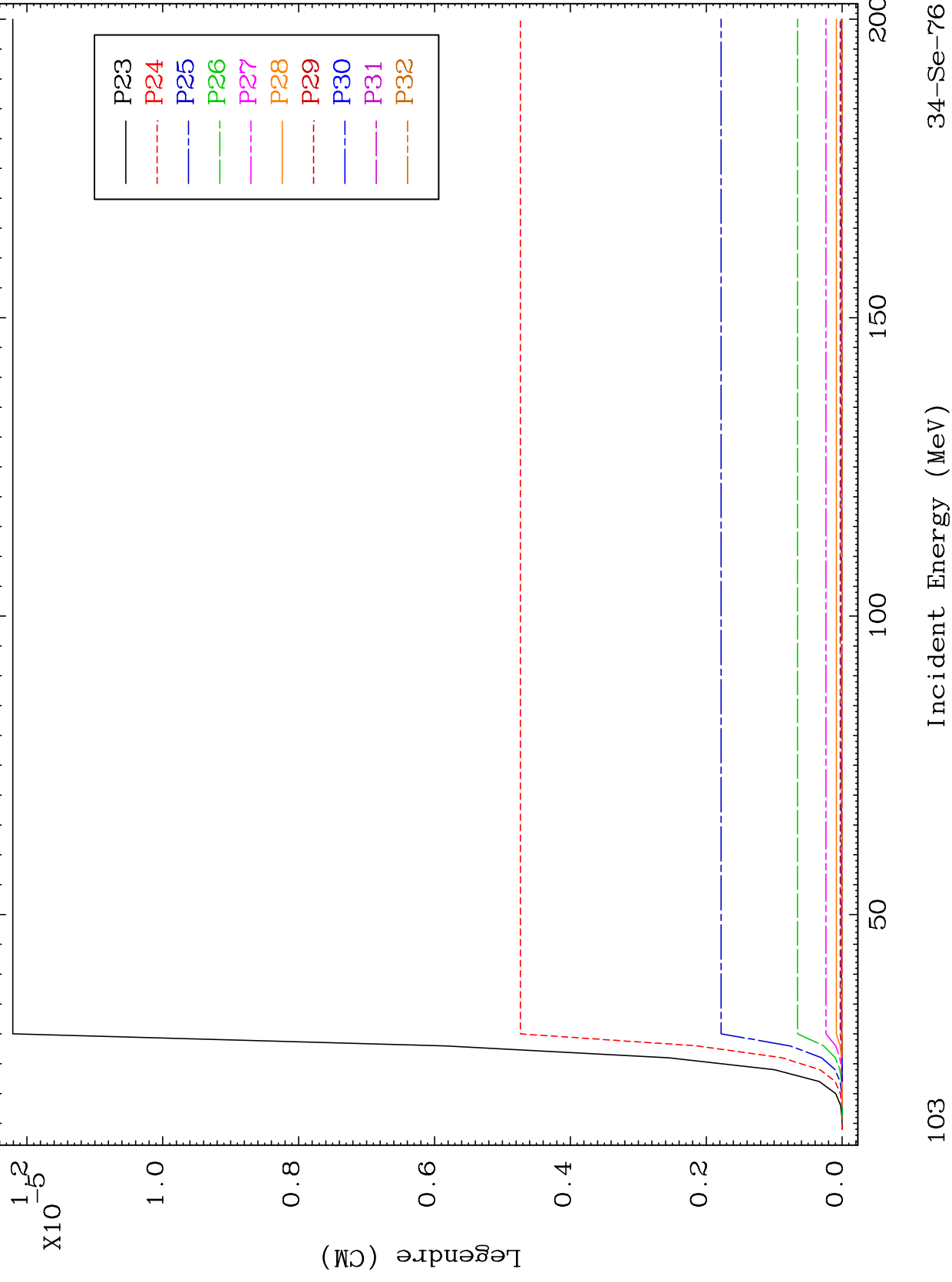
102

<sup>34</sup>Se-76

MAT 3431

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

34-Se-76



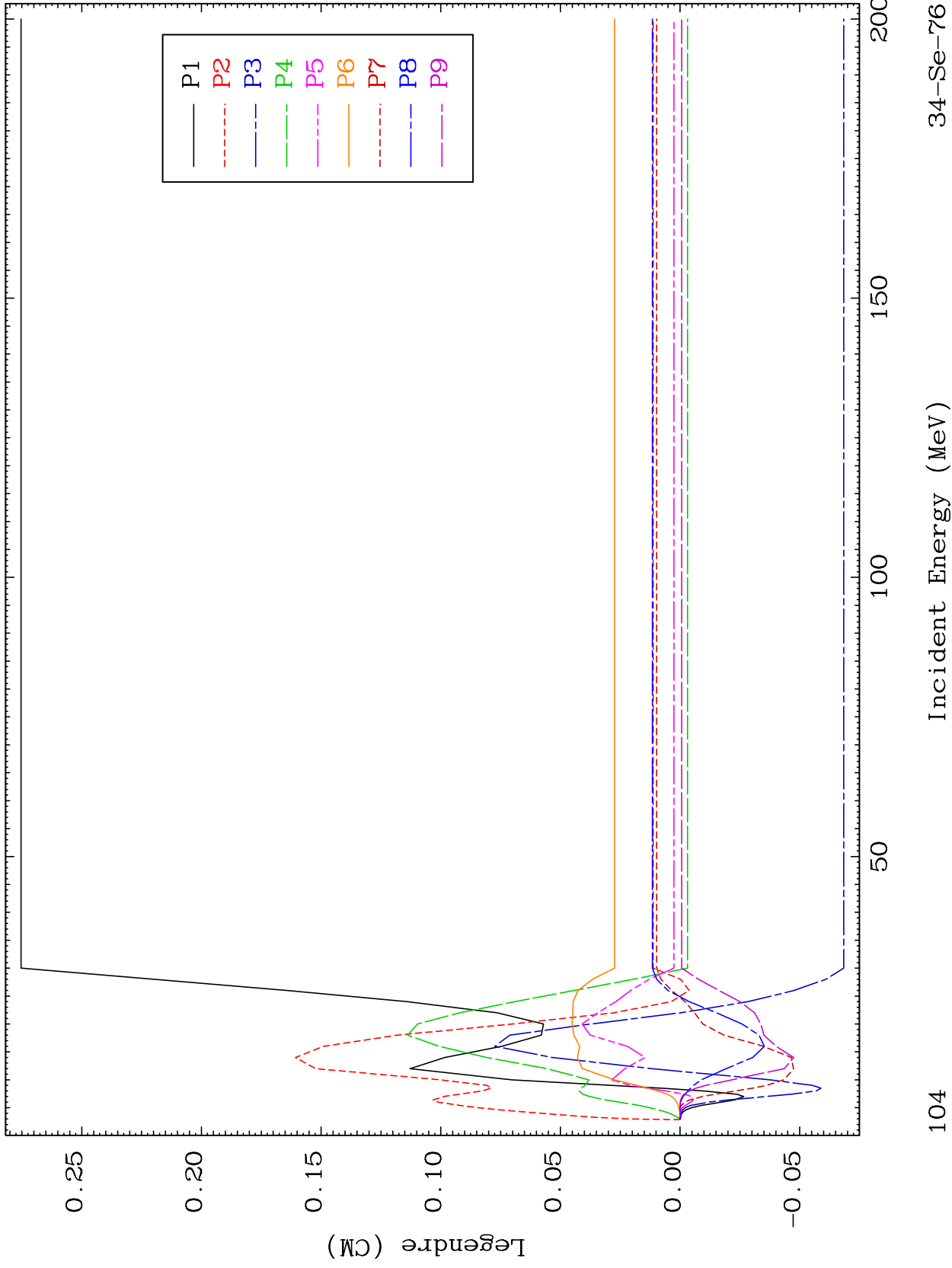
103



MAT 3431

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

<sup>34</sup>Se-76



104

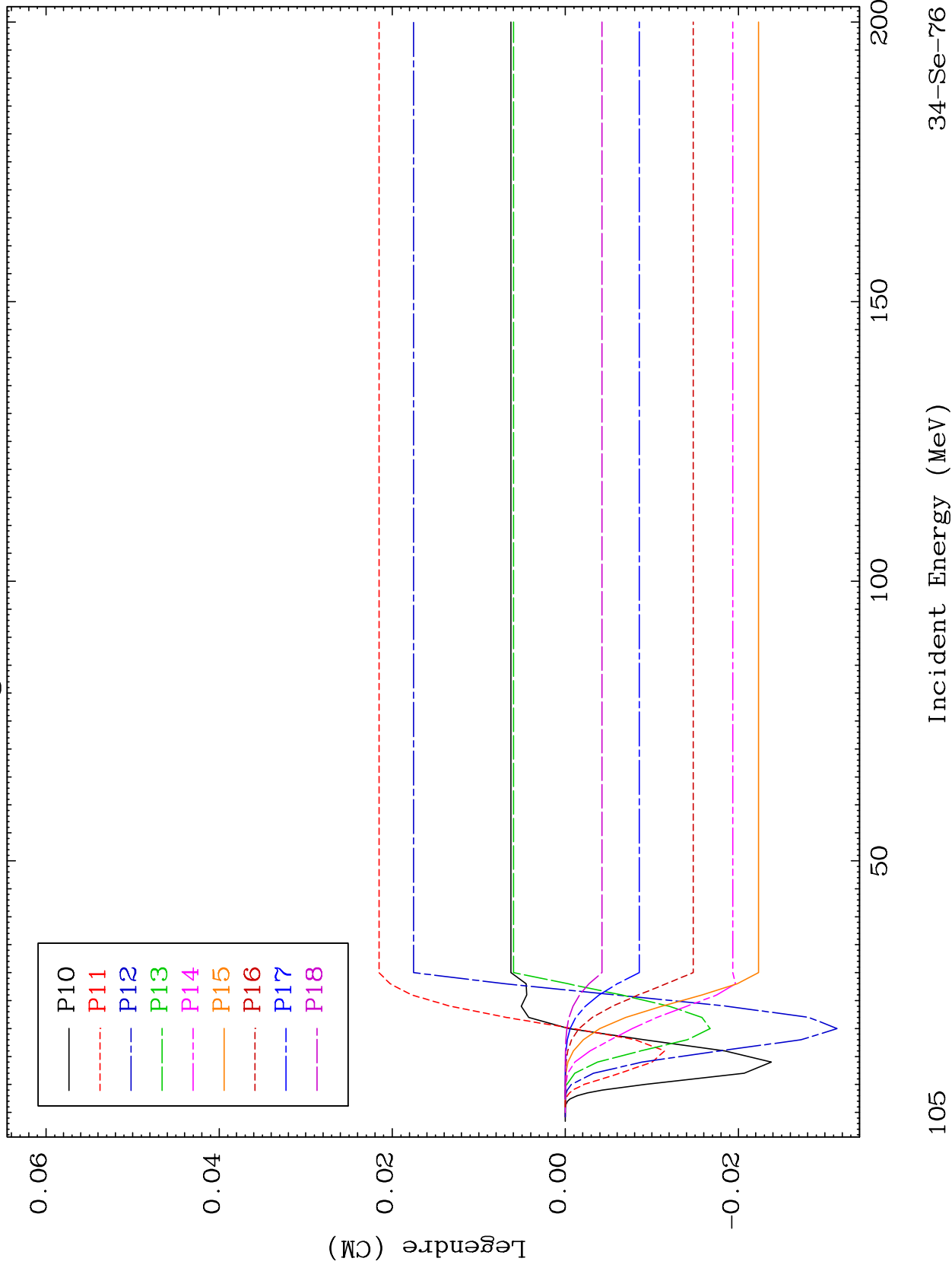
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

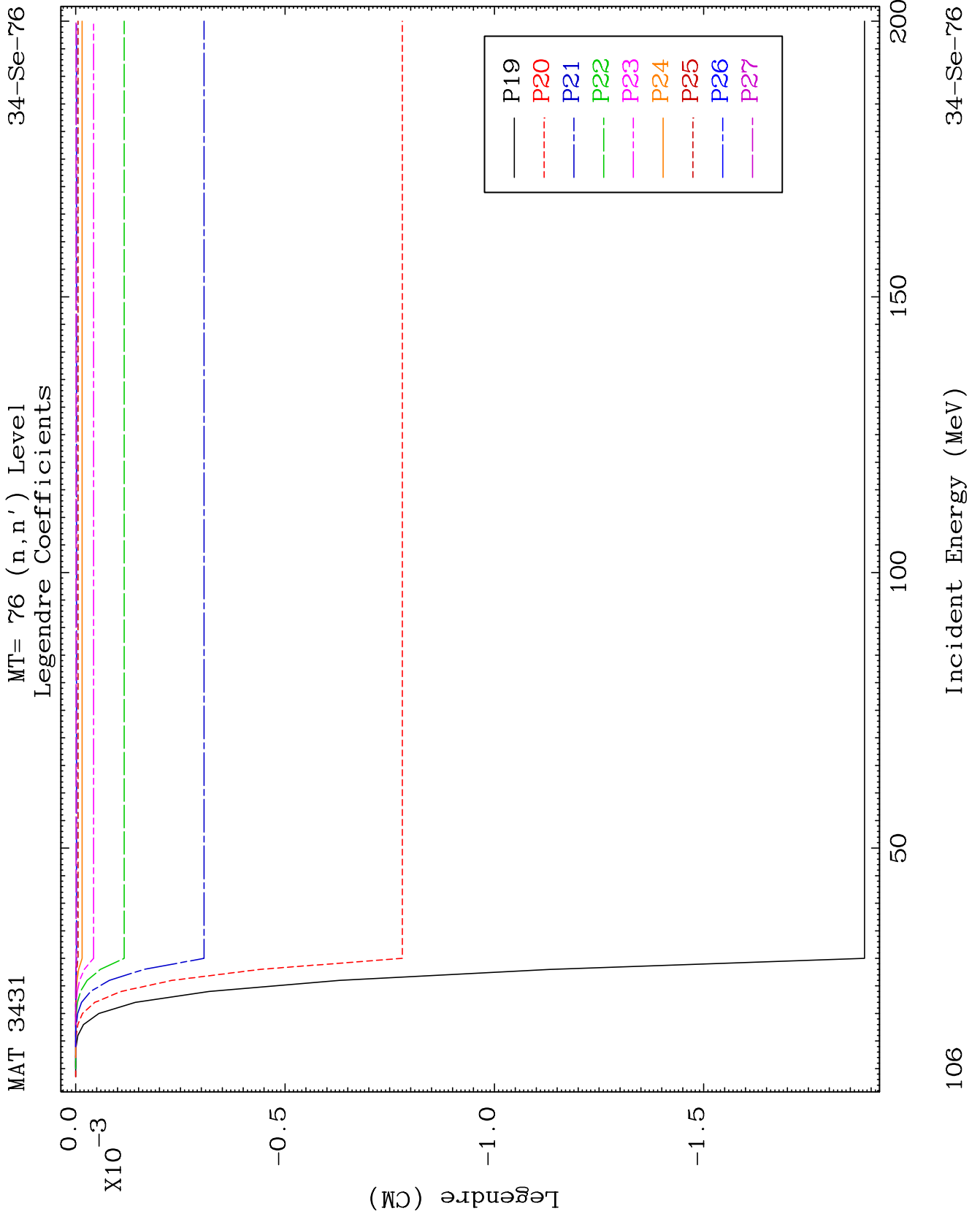
34-Se-76

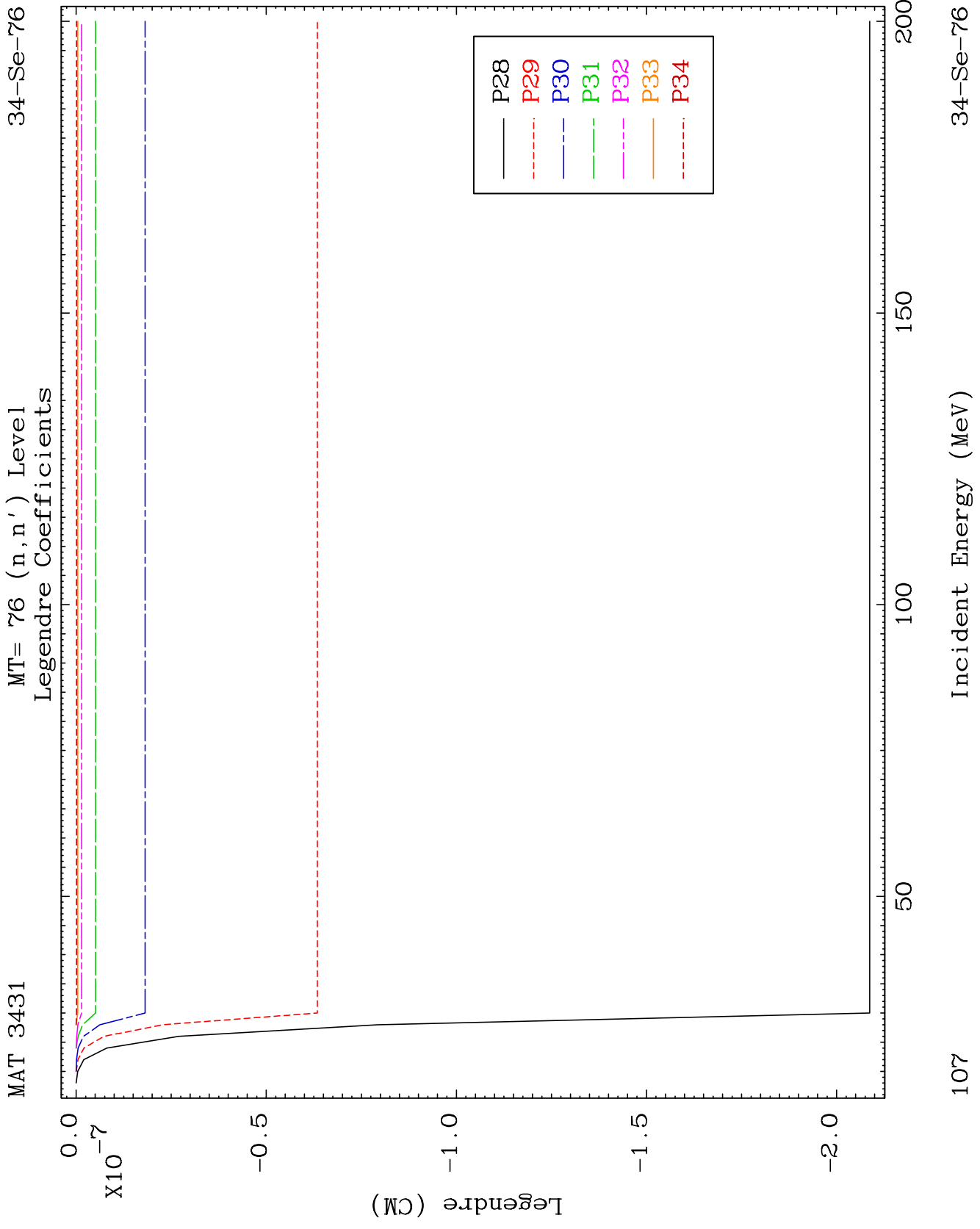


105

Incident Energy (MeV)

34-Se-76

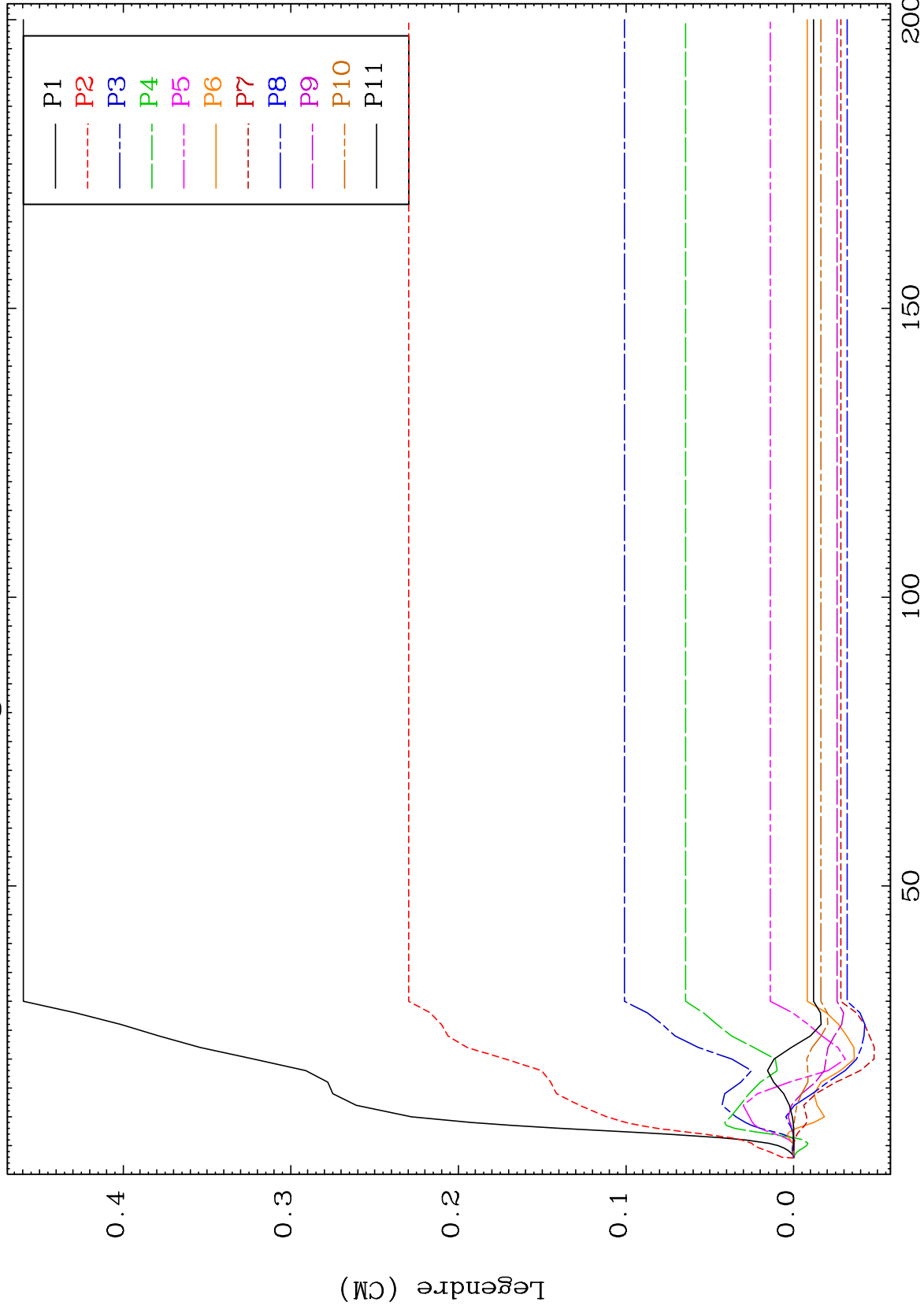




MAT 3431

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

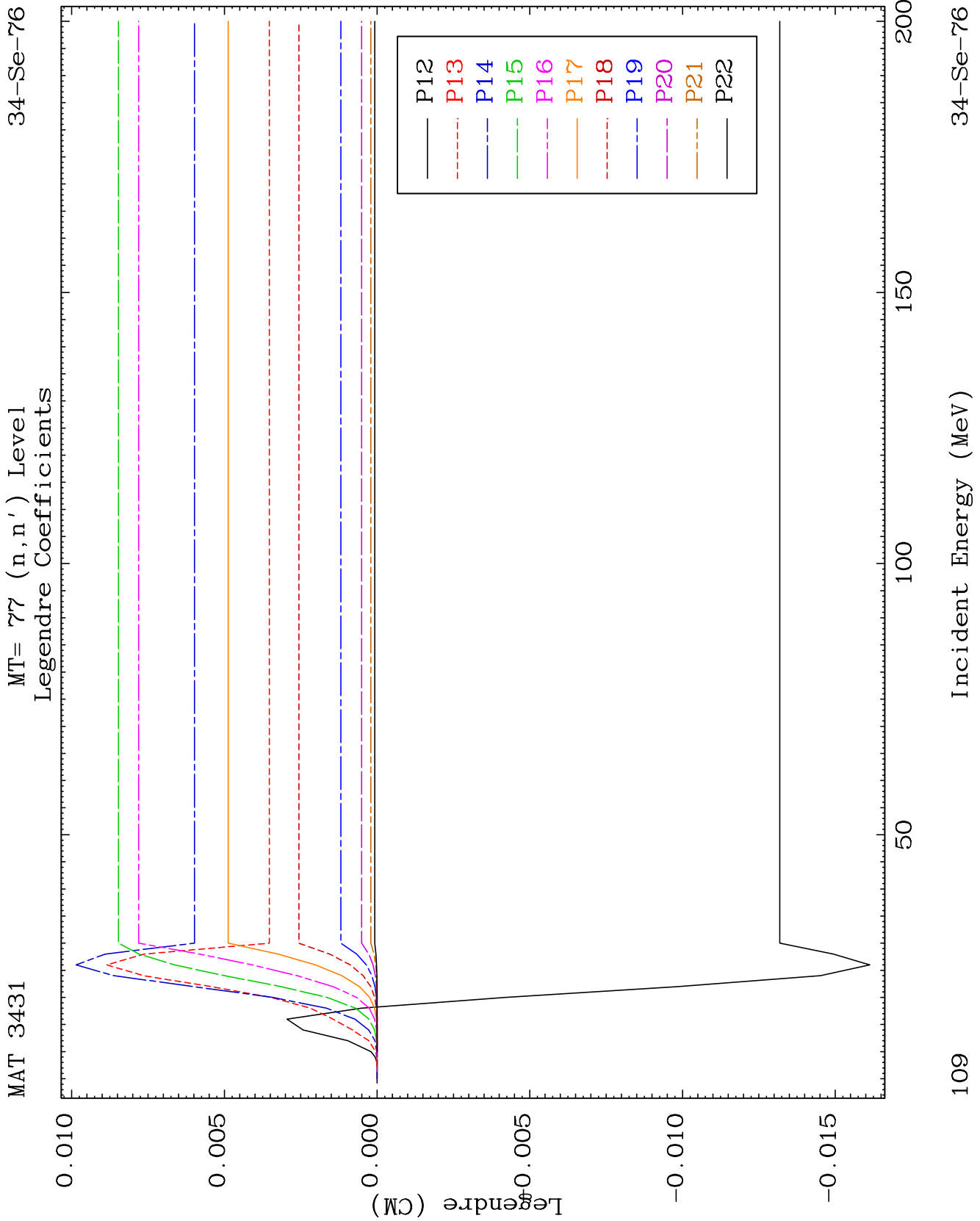
<sup>34</sup>Se-76

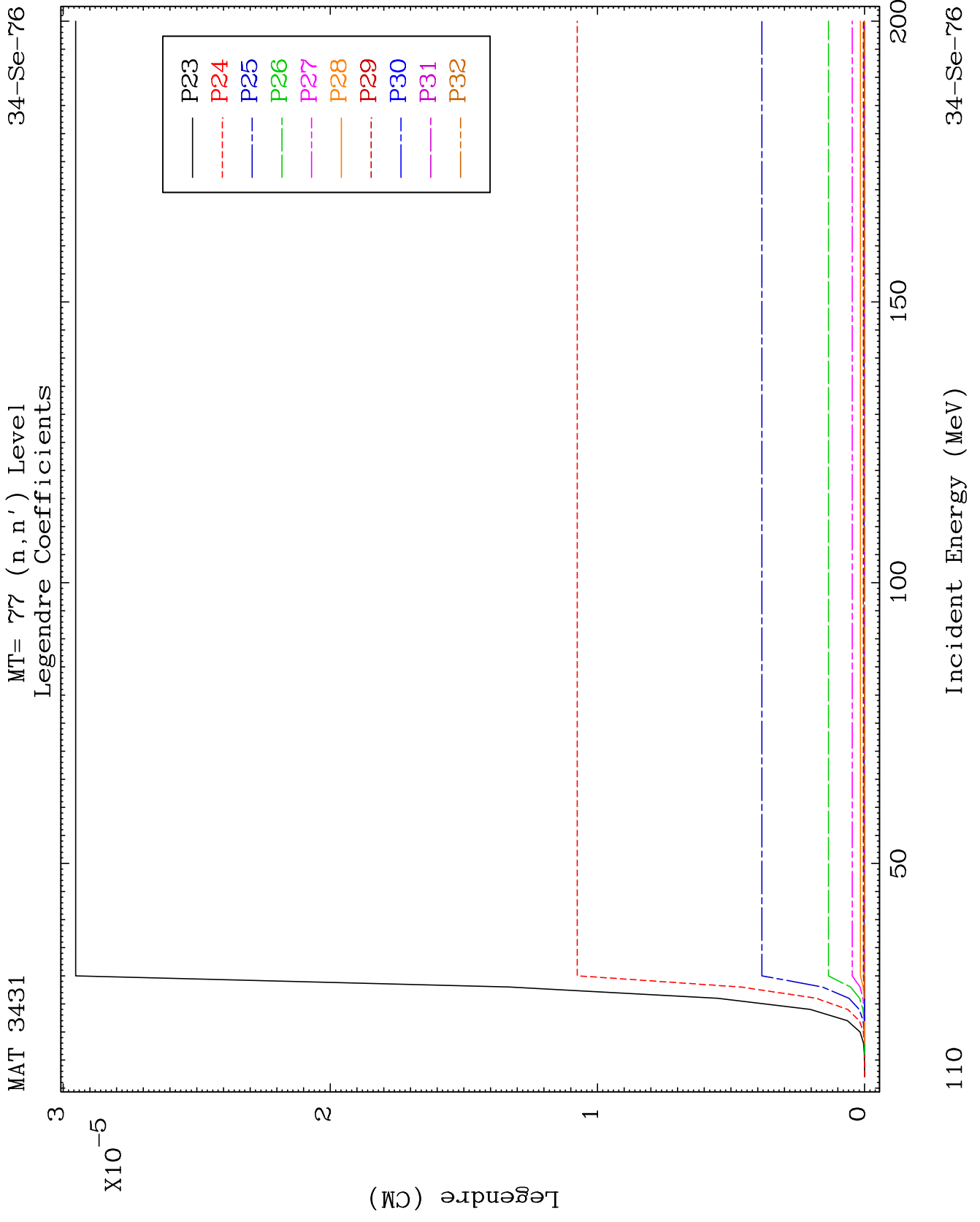


108

Incident Energy (MeV)

<sup>34</sup>Se-76

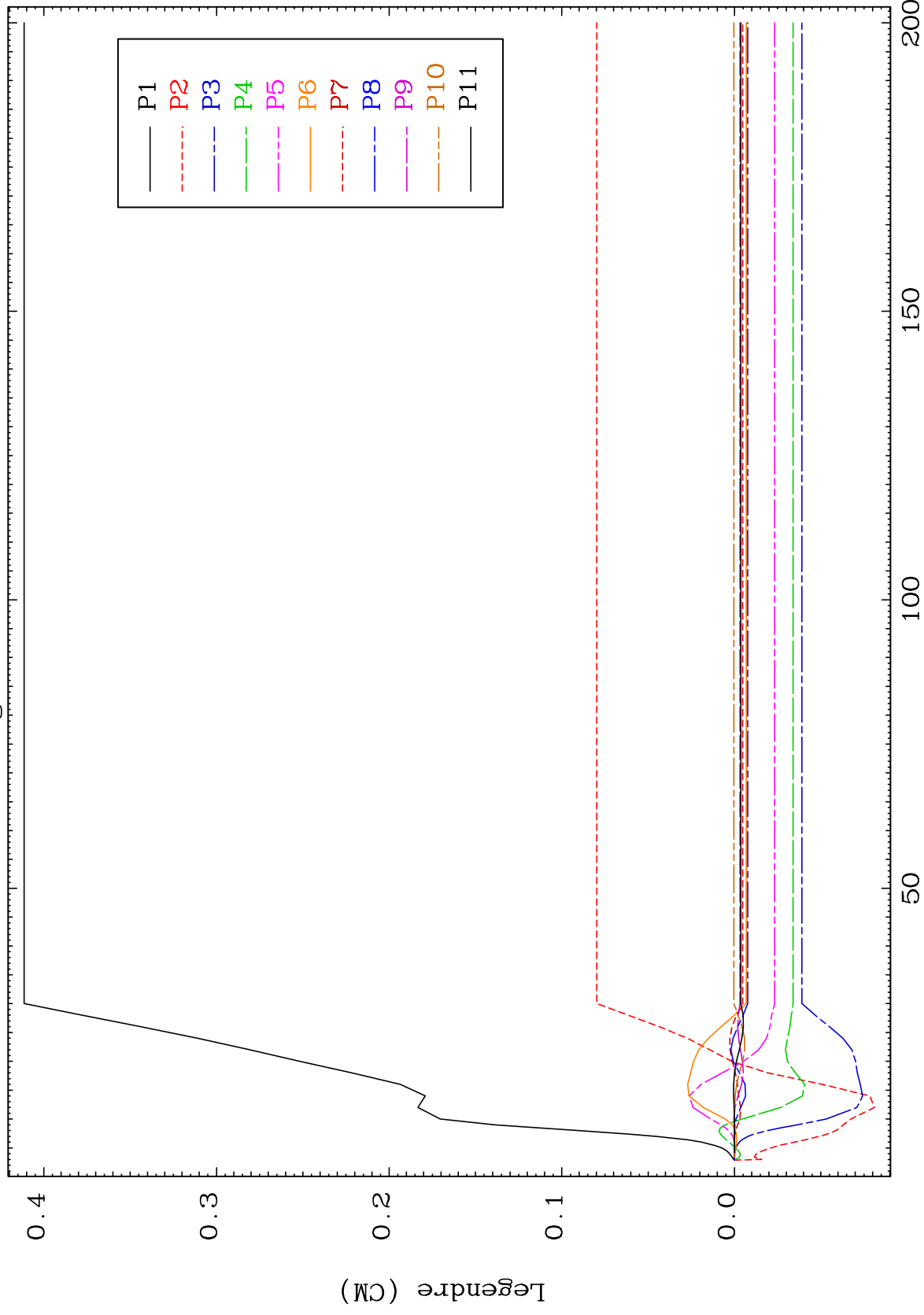




MAT 3431

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

<sup>34</sup>Se-76



111

Incident Energy (MeV)

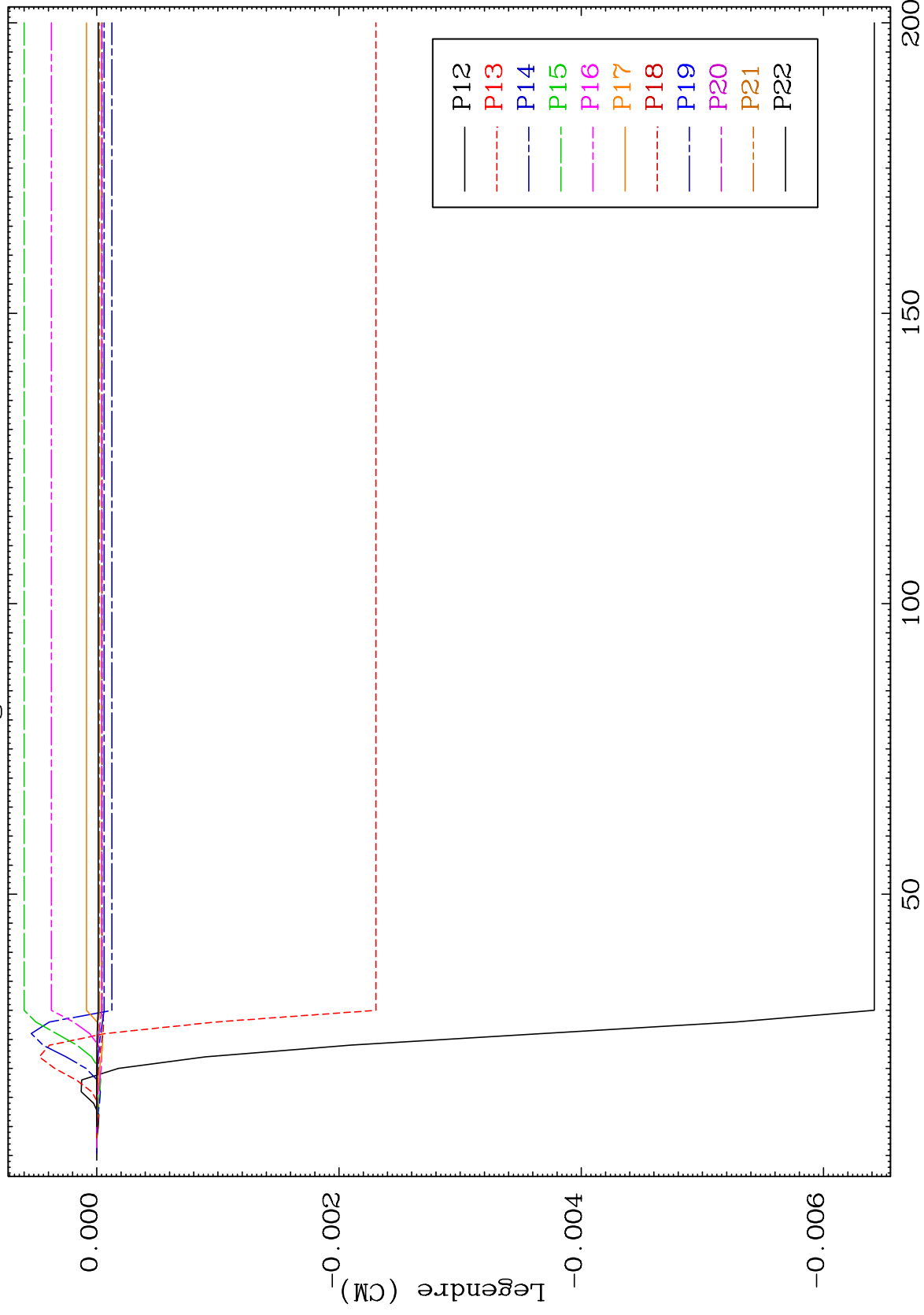
<sup>34</sup>Se-76



MAT 3431

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

<sup>34</sup>Se-76



112

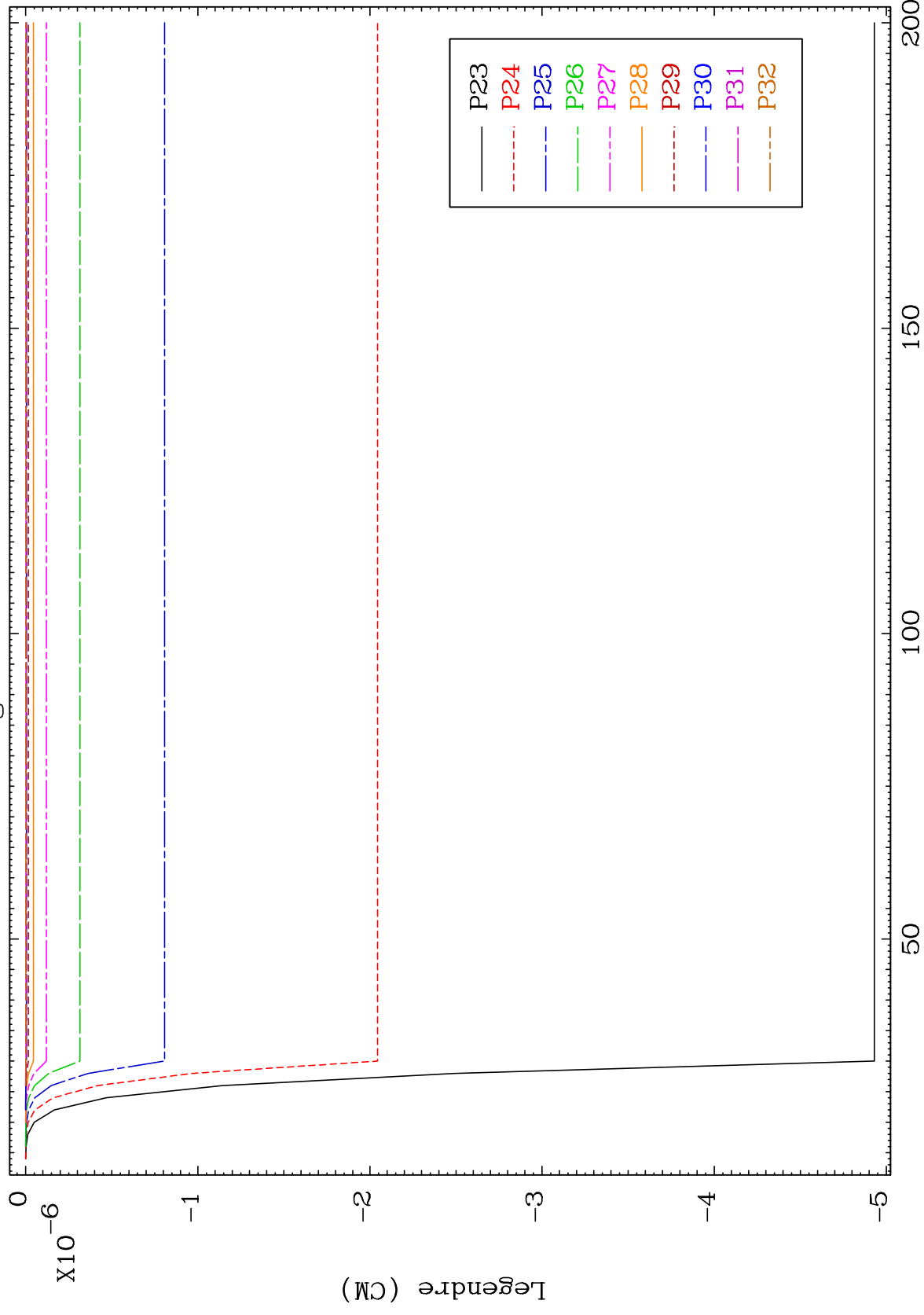
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



113

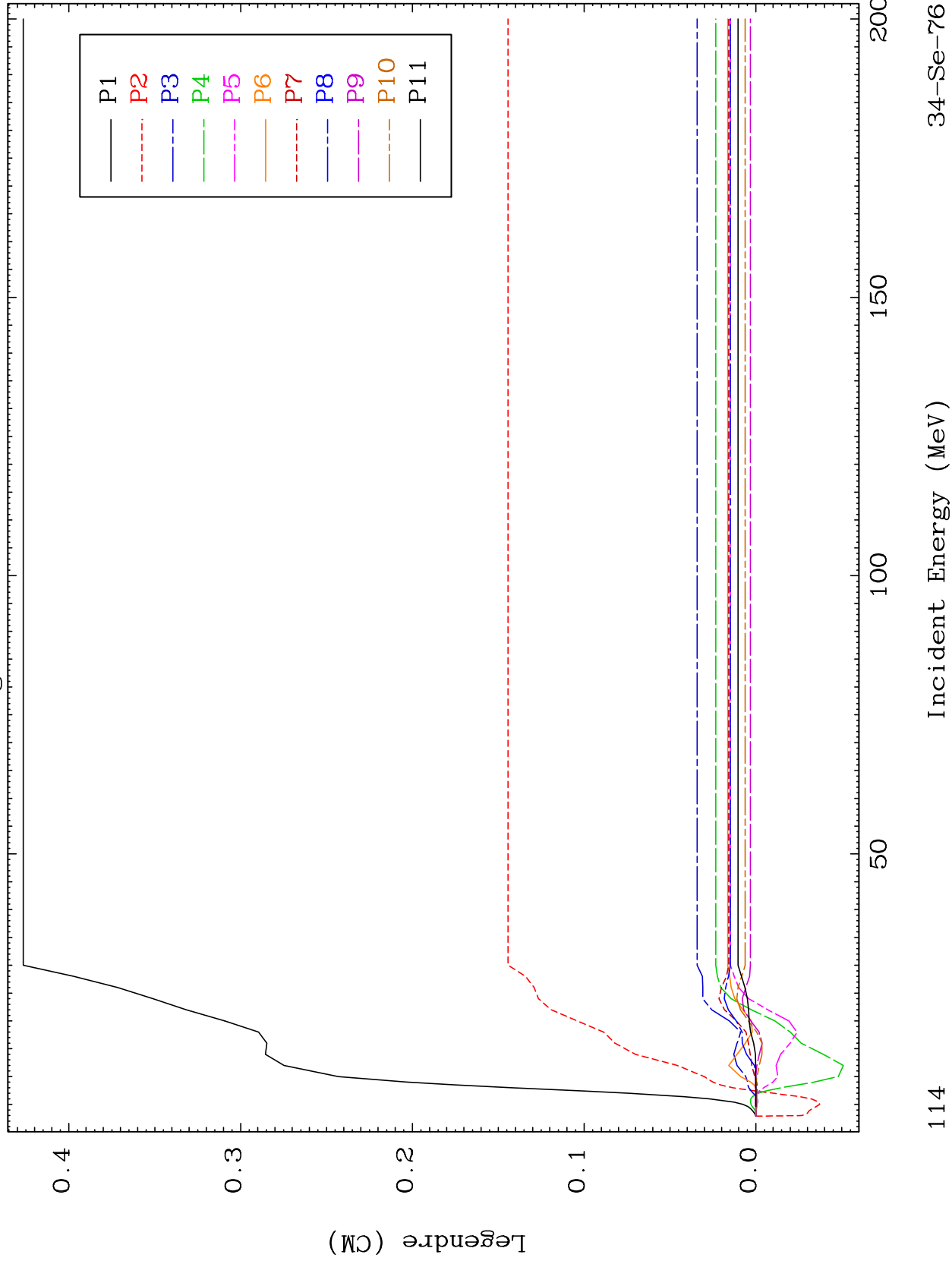
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



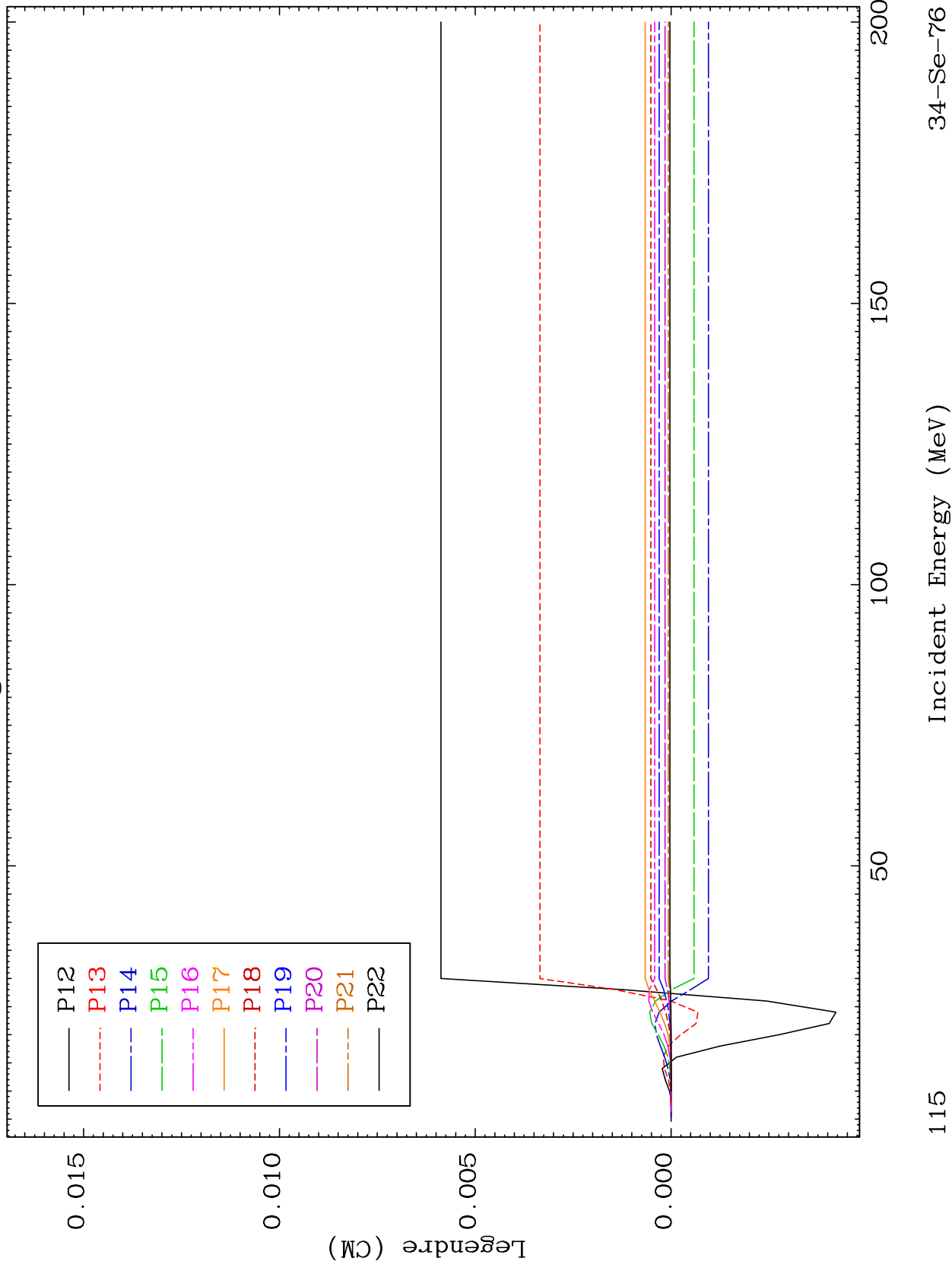
114

<sup>34</sup>Se-76

MAT 3431

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

<sup>34</sup>Se-76



115

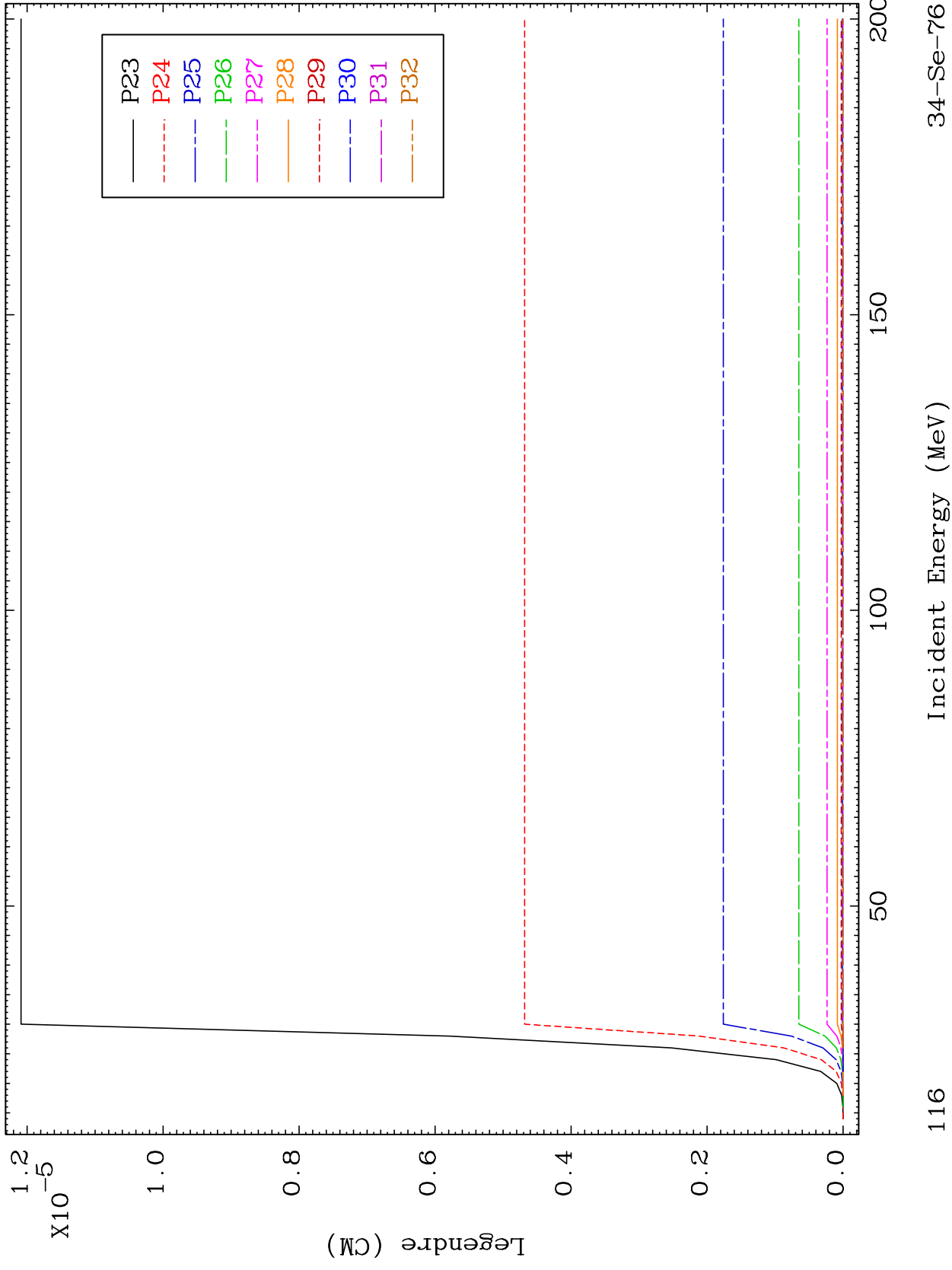
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

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

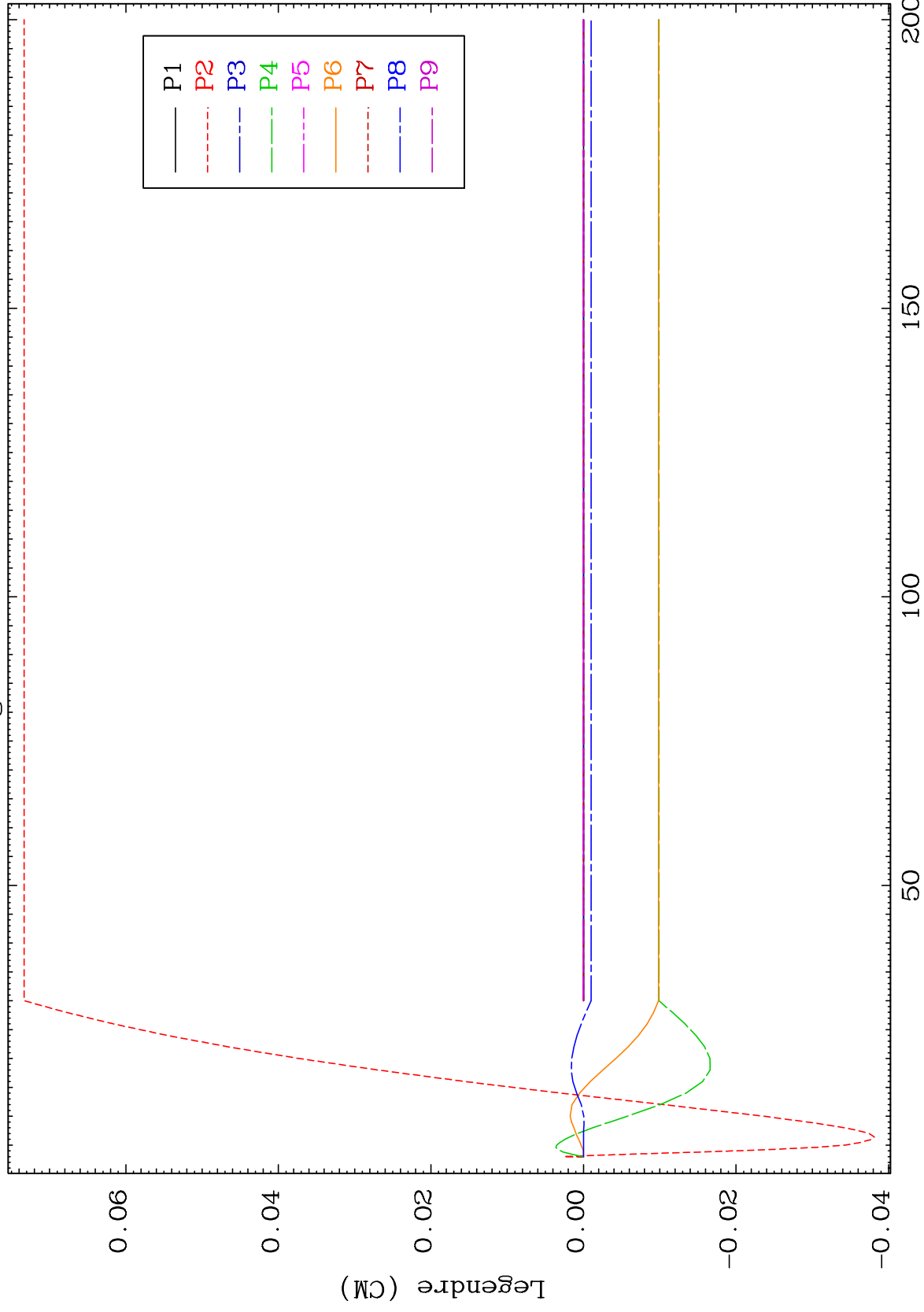
34-Se-76



MAT 3431

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

<sup>34</sup>Se-76



117

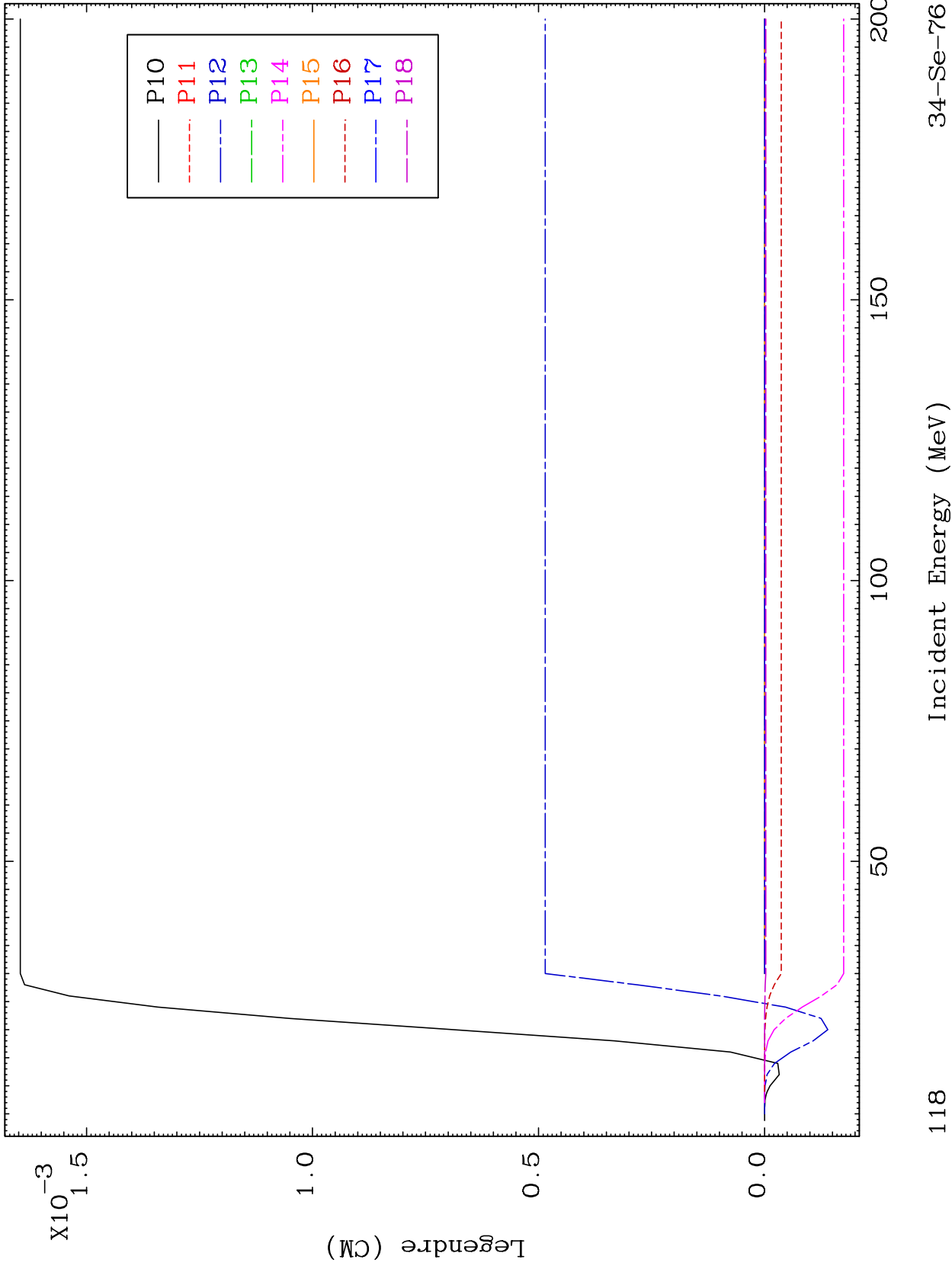
Incident Energy (MeV)

<sup>34</sup>Se-76

MAT 3431

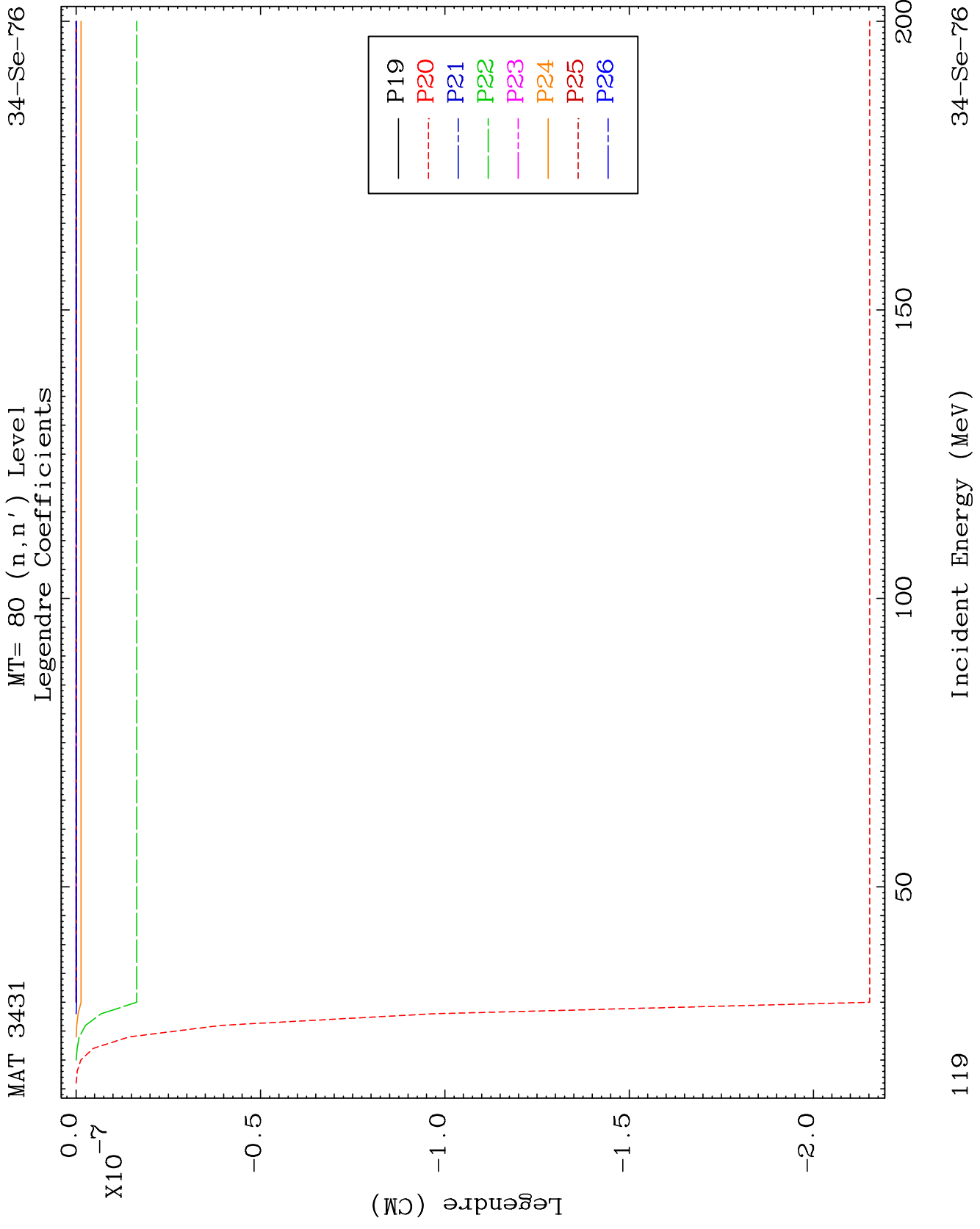
MT= 80 (n,n') Level  
Legendre Coefficients

<sup>34</sup>Se-76



118

<sup>34</sup>Se-76



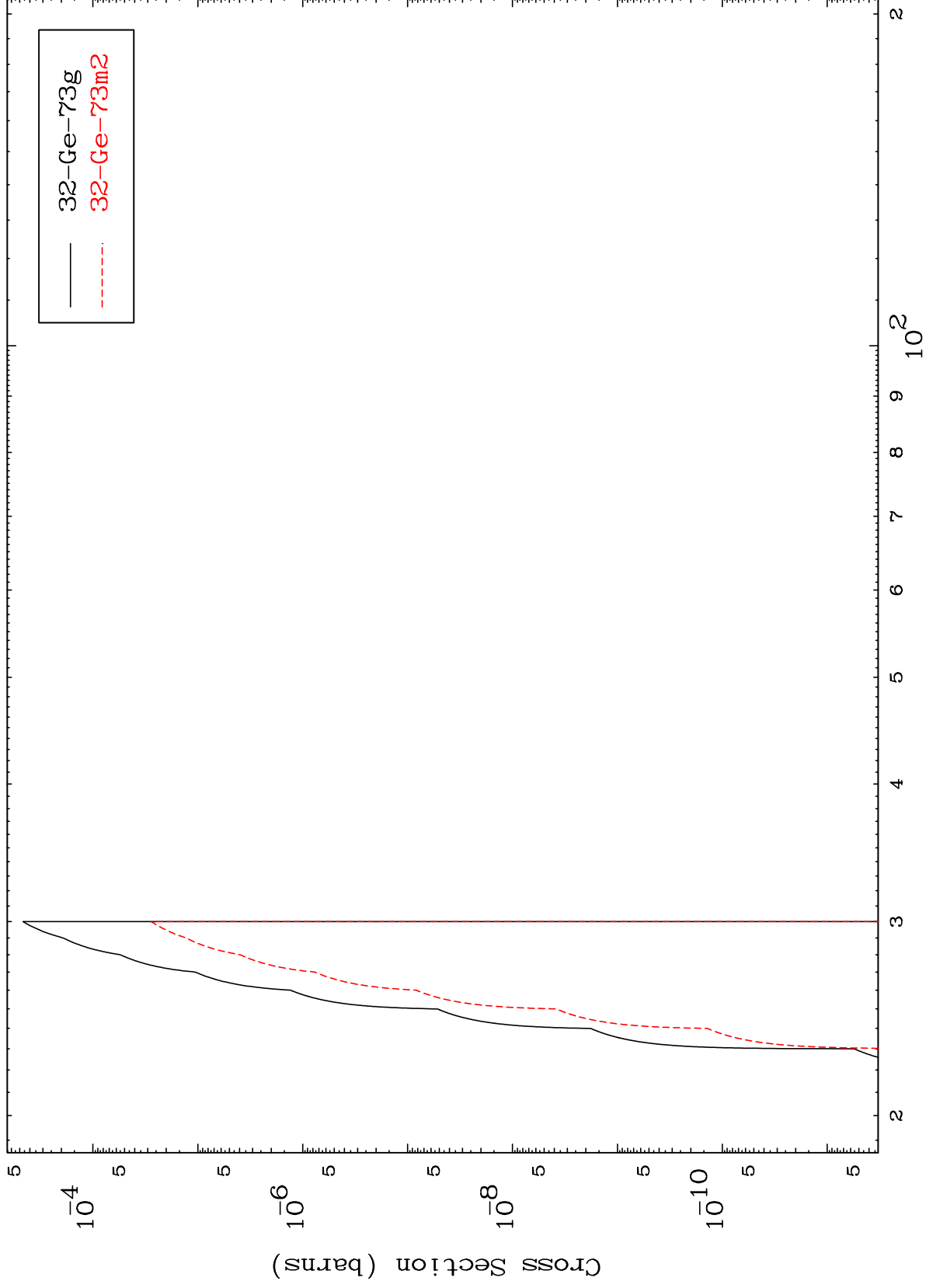


MAT 3431

(n,n') He-3

34-<sup>Se-76</sup>

Radionuclide Production Cross Section



120

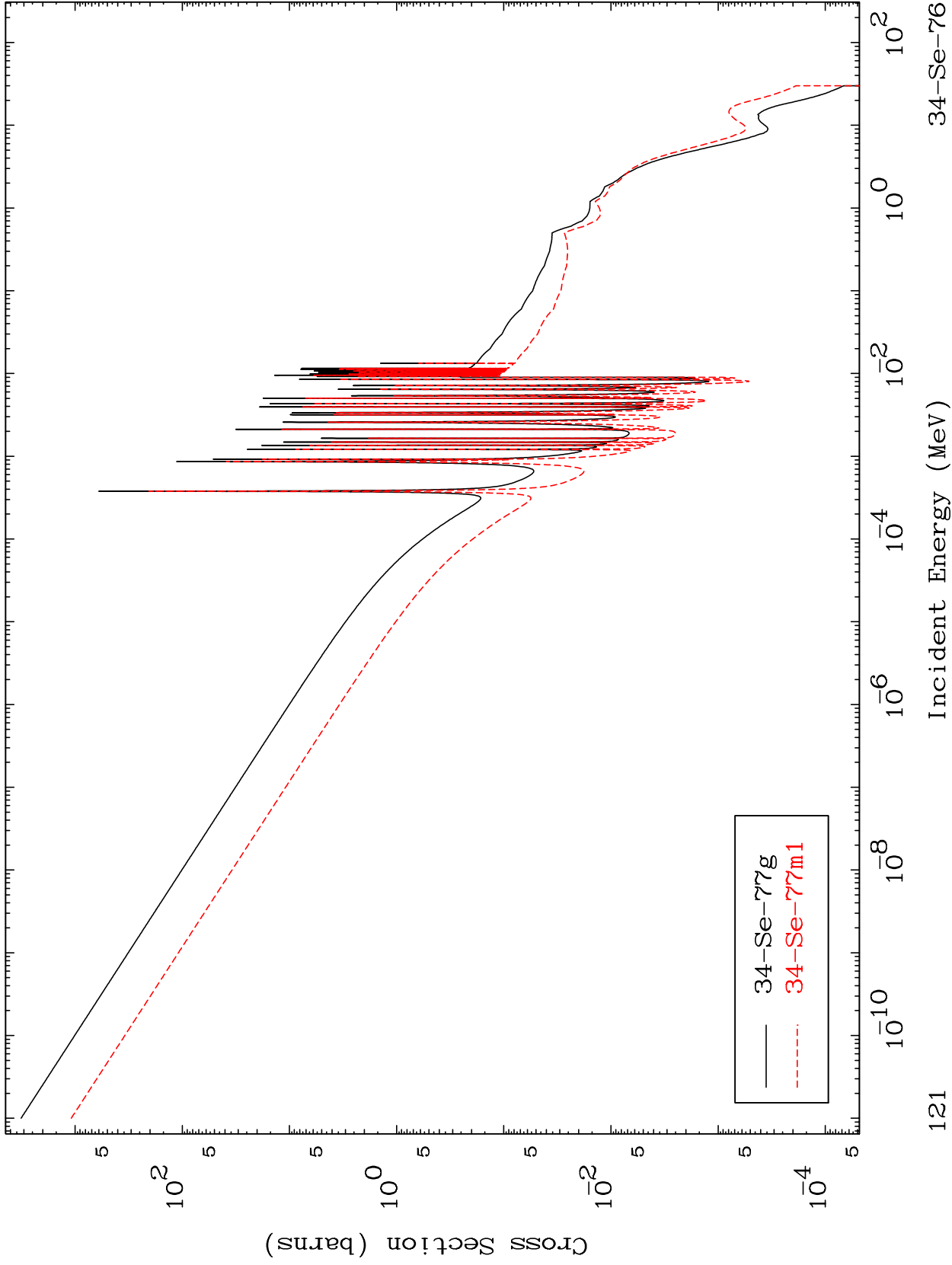
Incident Energy (MeV)

34-<sup>Se-76</sup>

MAT 3431

<sup>34</sup>Se-76

(n,γ)  
Radionuclide Production Cross Section



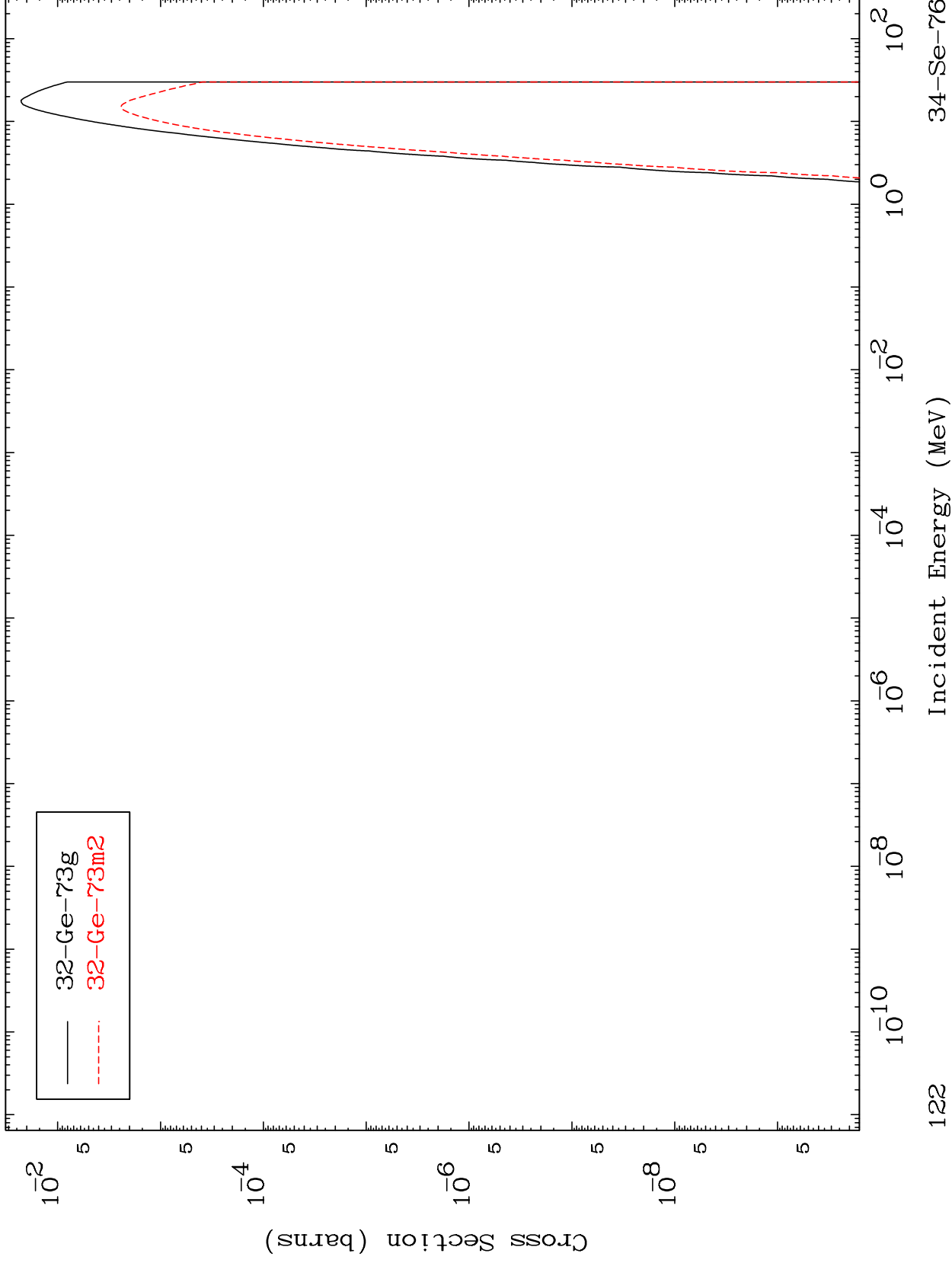
121

MAT 3431

(n,  $\alpha$ )

<sup>34</sup>Se-76

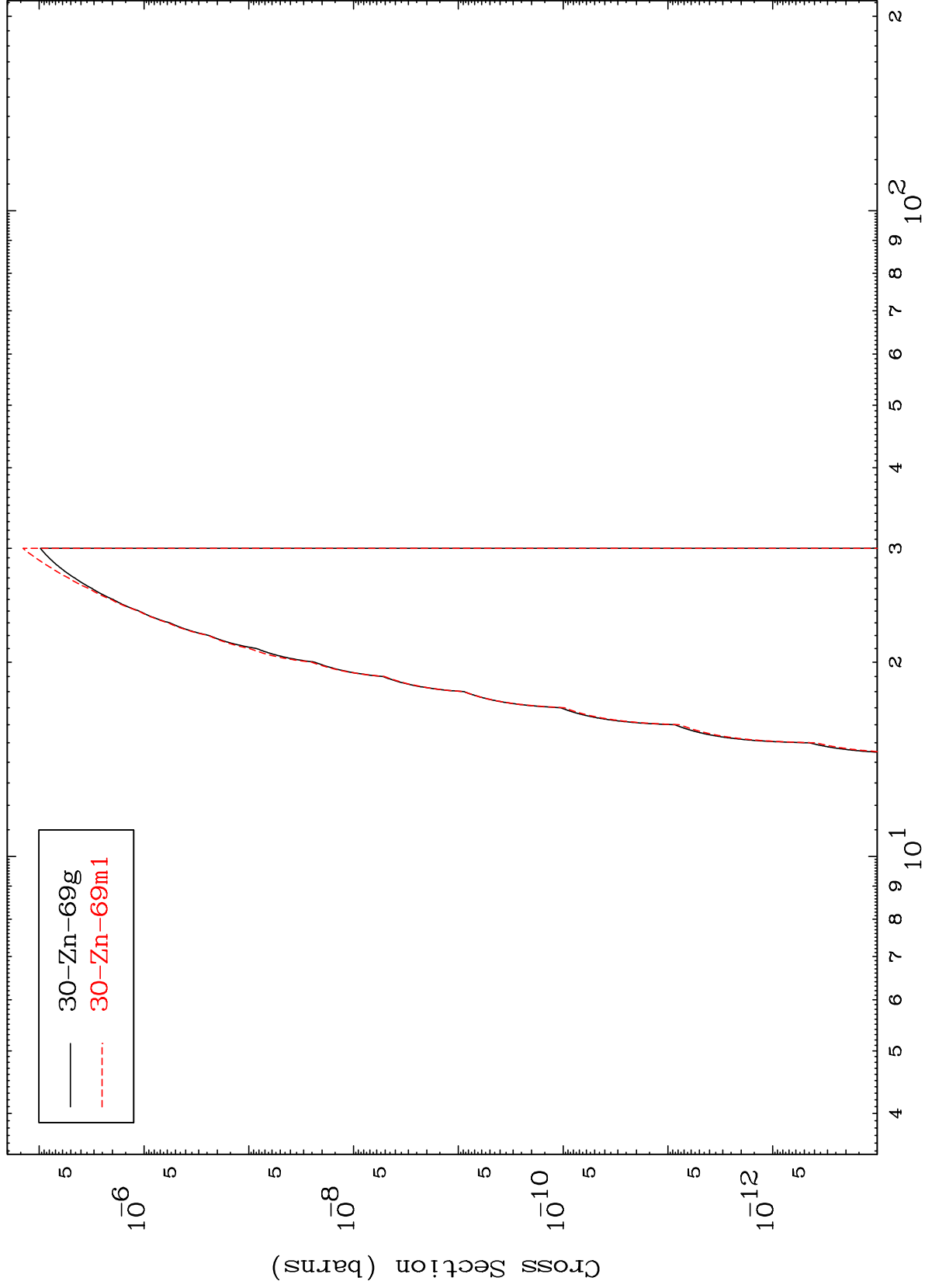
Radionuclide Production Cross Section



MAT 3431

<sup>34</sup>Se-76

Radionuclide Production Cross Section  
(n,2α)



<sup>34</sup>Se-76

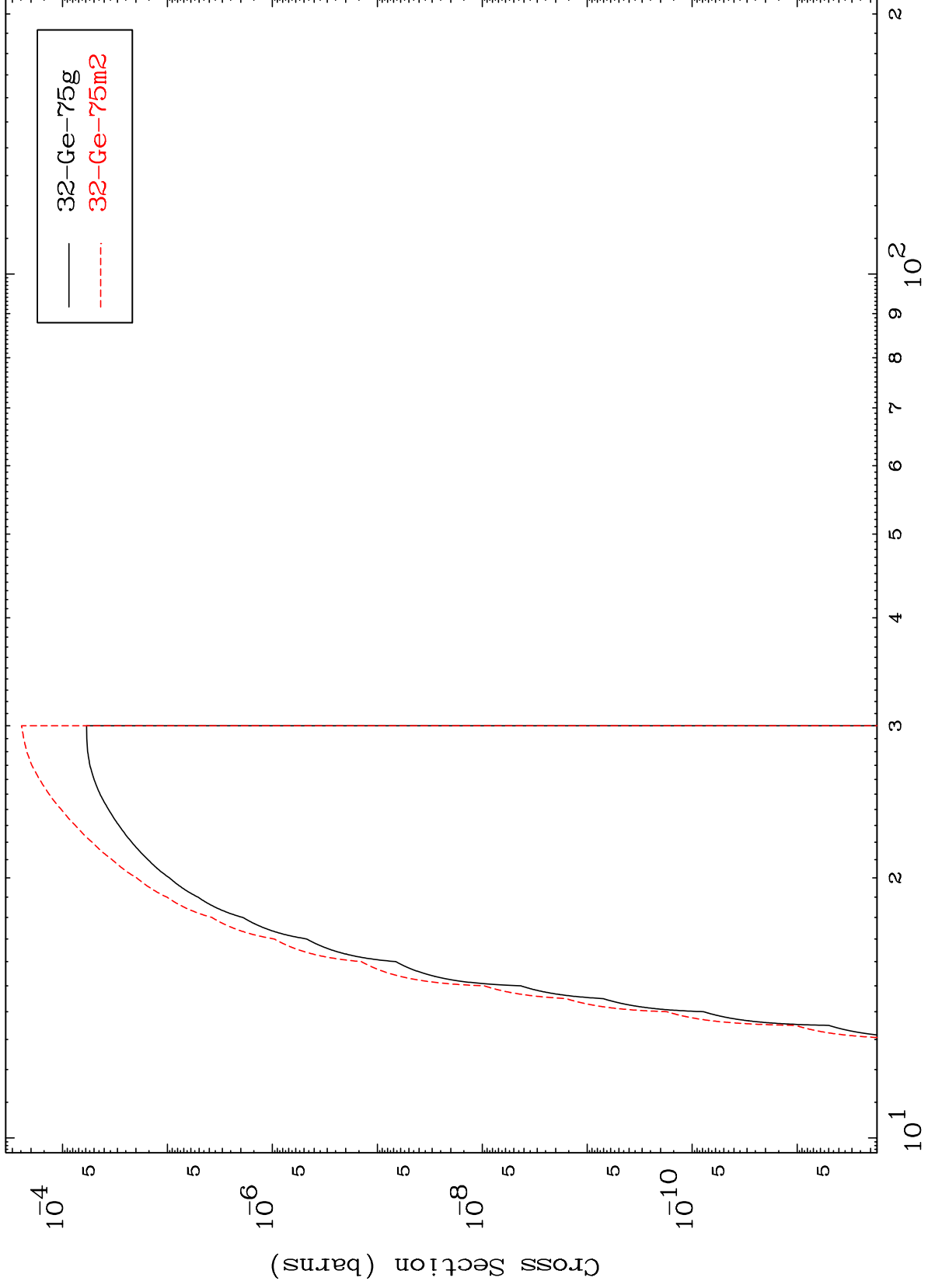
Incident Energy (MeV)

123

MAT 3431

<sup>34</sup>Se-76

(n,2p)  
Radionuclide Production Cross Section



<sup>34</sup>Se-76

Incident Energy (MeV)

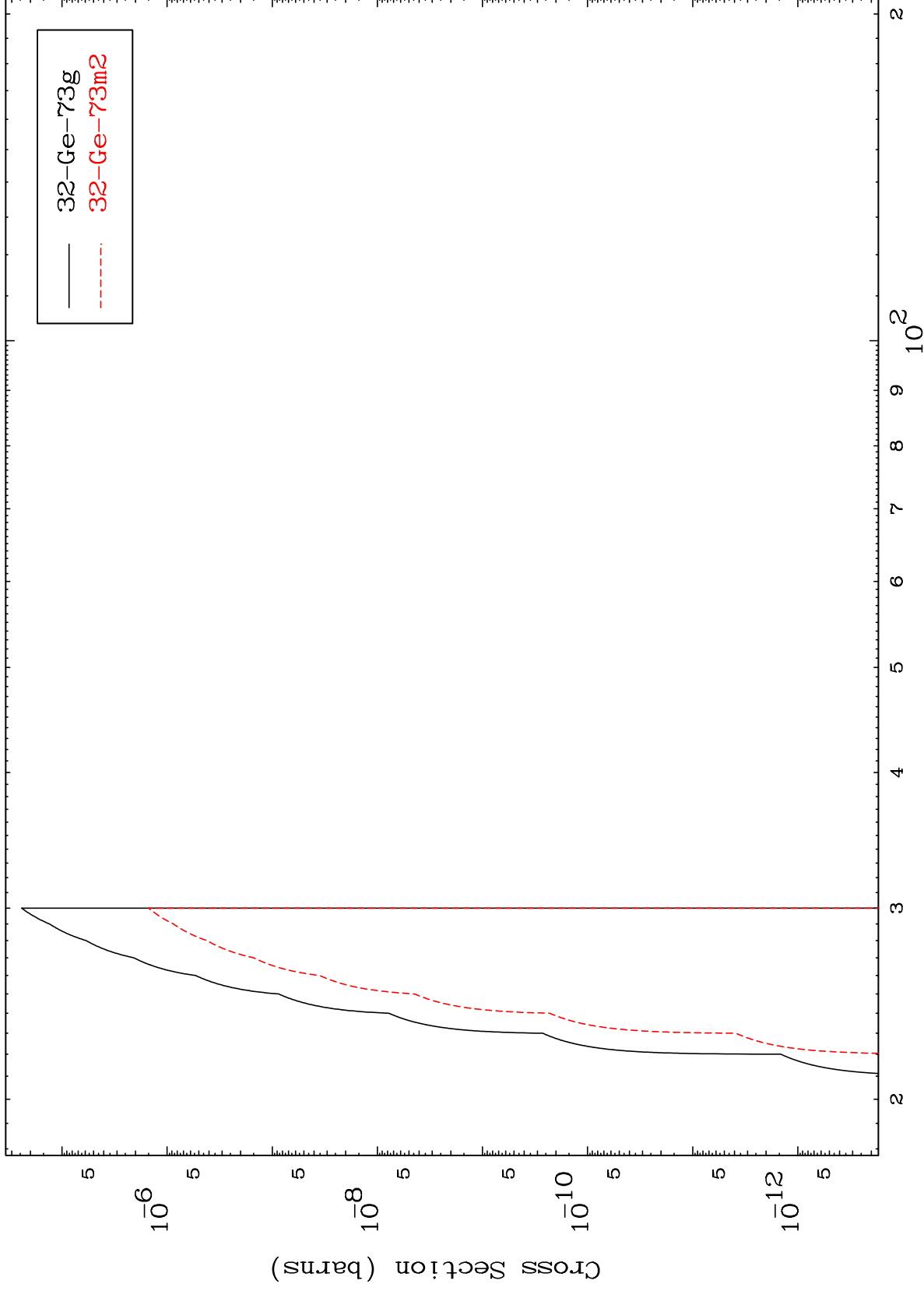
124

MAT 3431

(n,p) t

34-<sup>Se</sup>-76

Radionuclide Production Cross Section



125

Incident Energy (MeV)

34-<sup>Se</sup>-76