

Program EVALPLOT  
(Version 2018-1)

by

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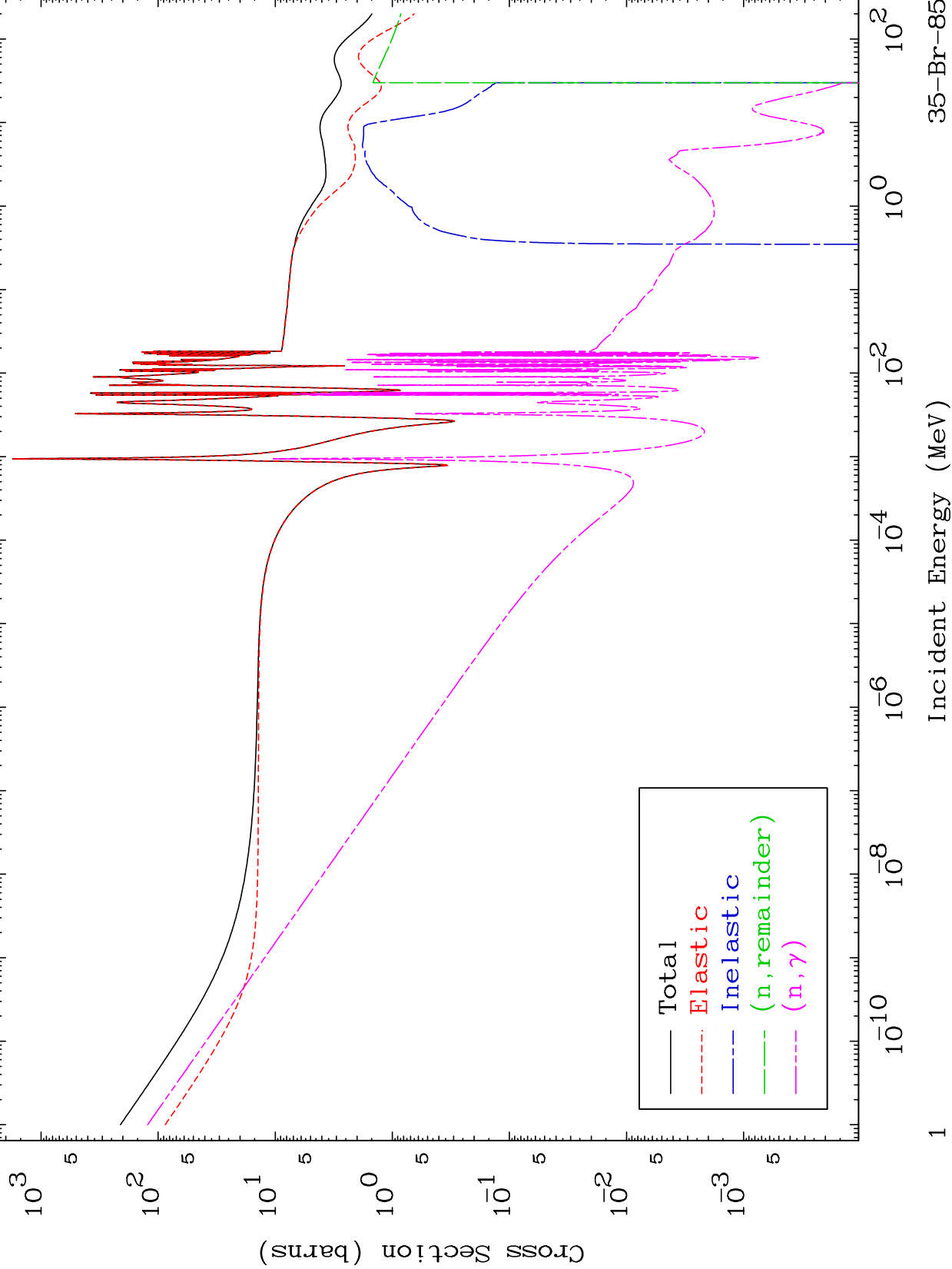
Press Mouse Button to Start

MAT 3543

Major

293 Kelvin Cross Sections

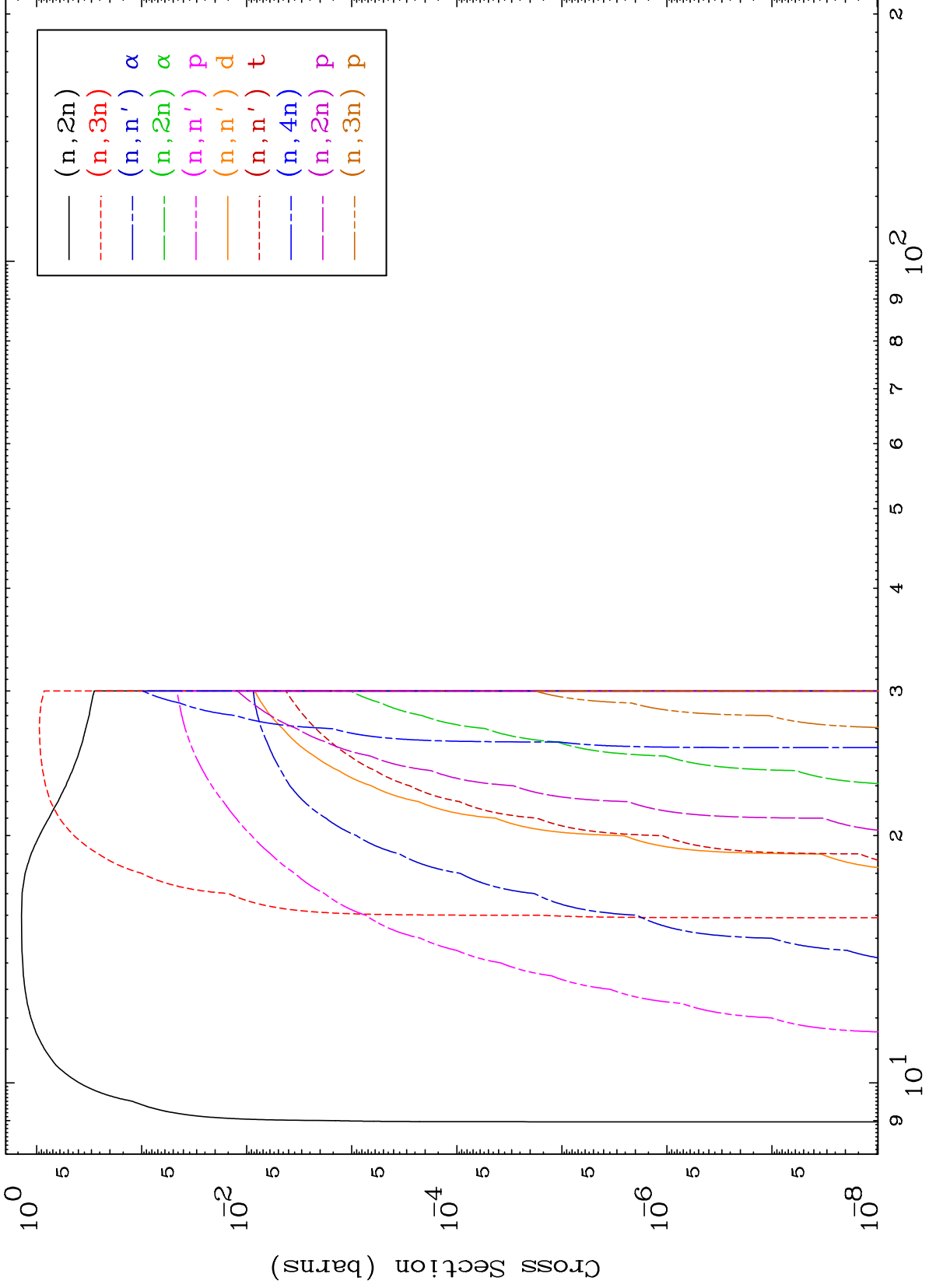
35-Br-85



MAT 3543

Neutron Production  
293 Kelvin Cross Sections

35-Br-85



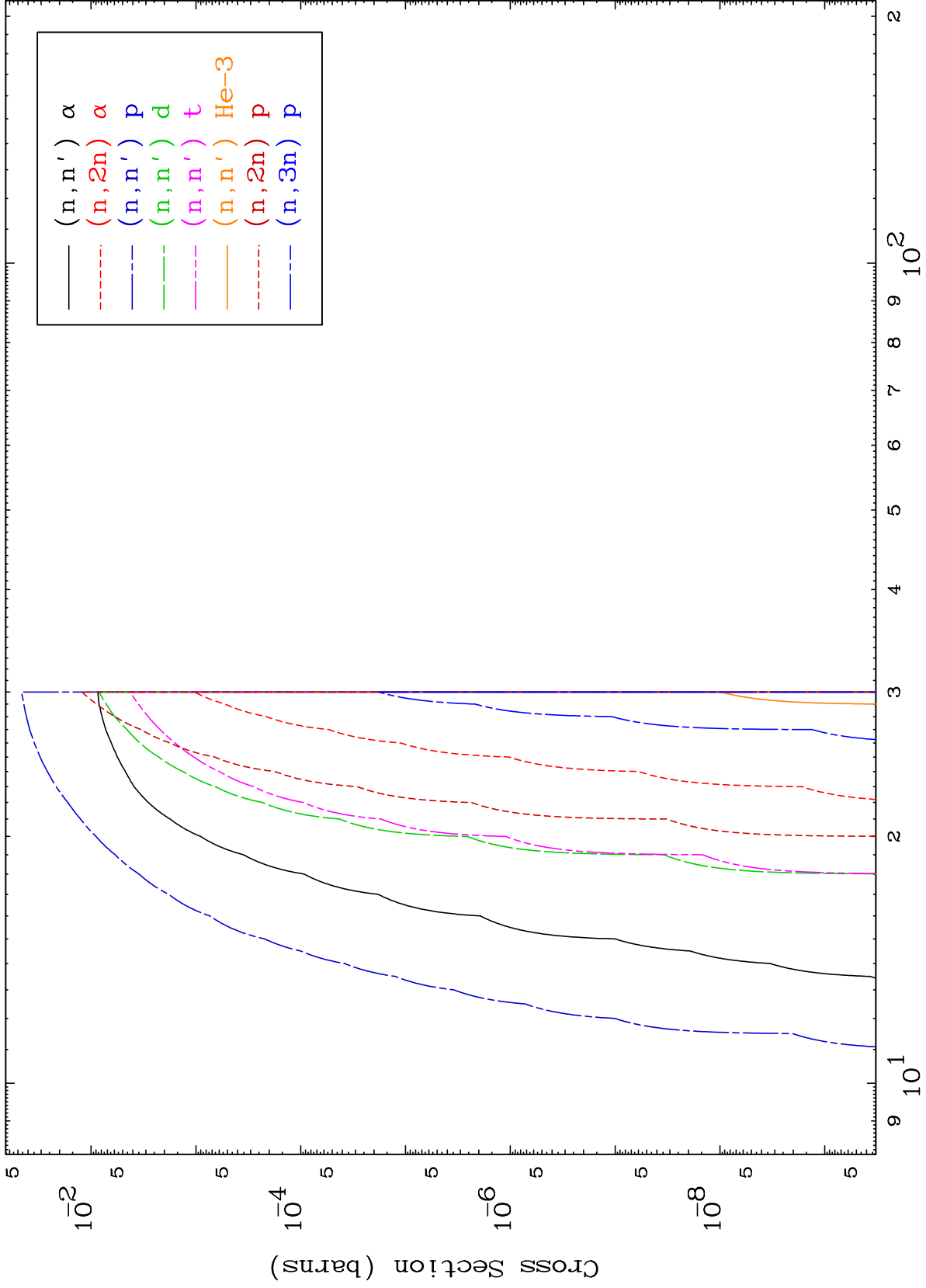
Incident Energy (MeV)

35-Br-85

MAT 3543

Charged Particle  
293 Kelvin Cross Sections

35-Br-85



3

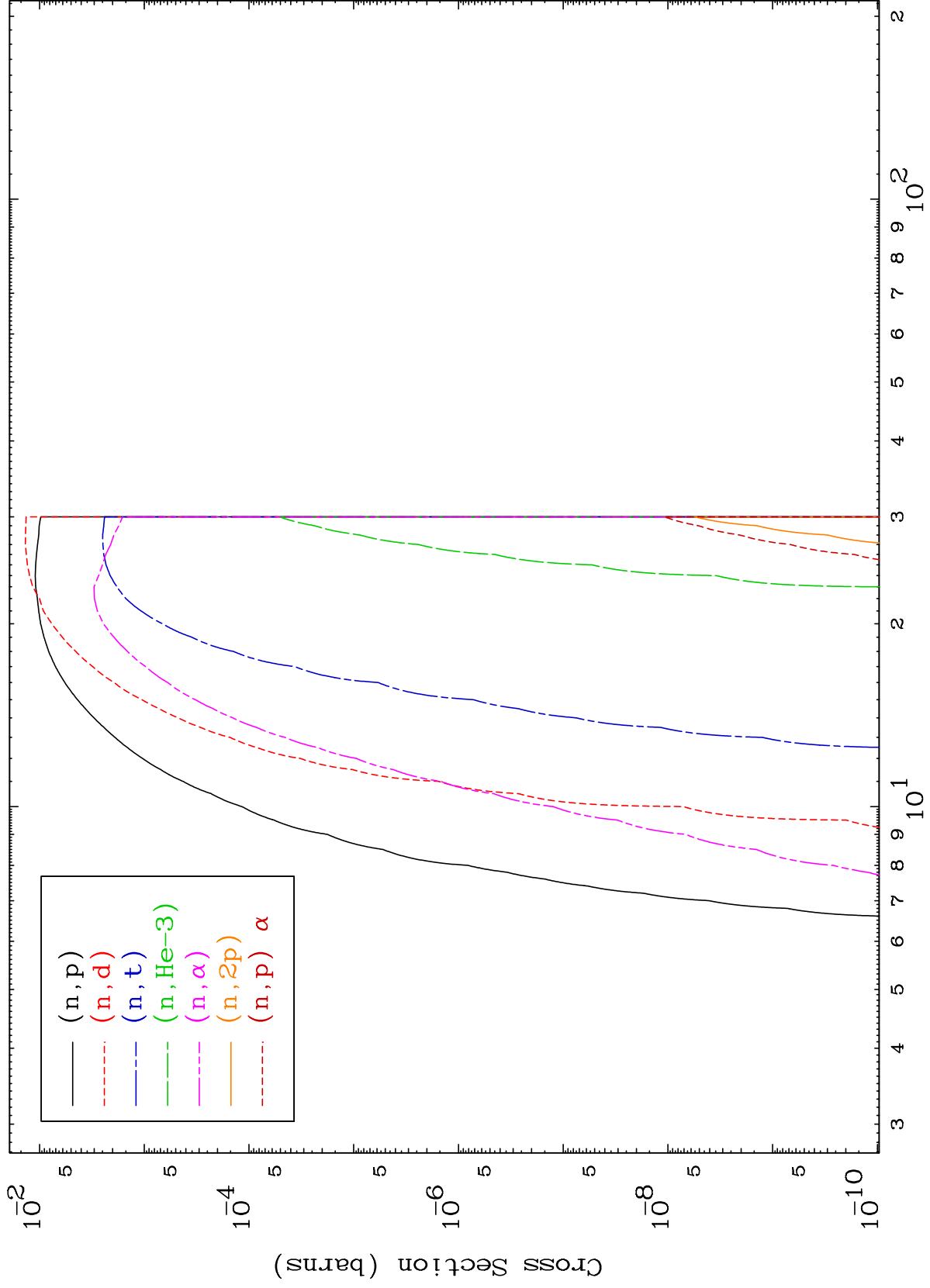
Incident Energy (MeV)

35-Br-85

MAT 3543

Charged Particle  
293 Kelvin Cross Sections

35-Br-85



4

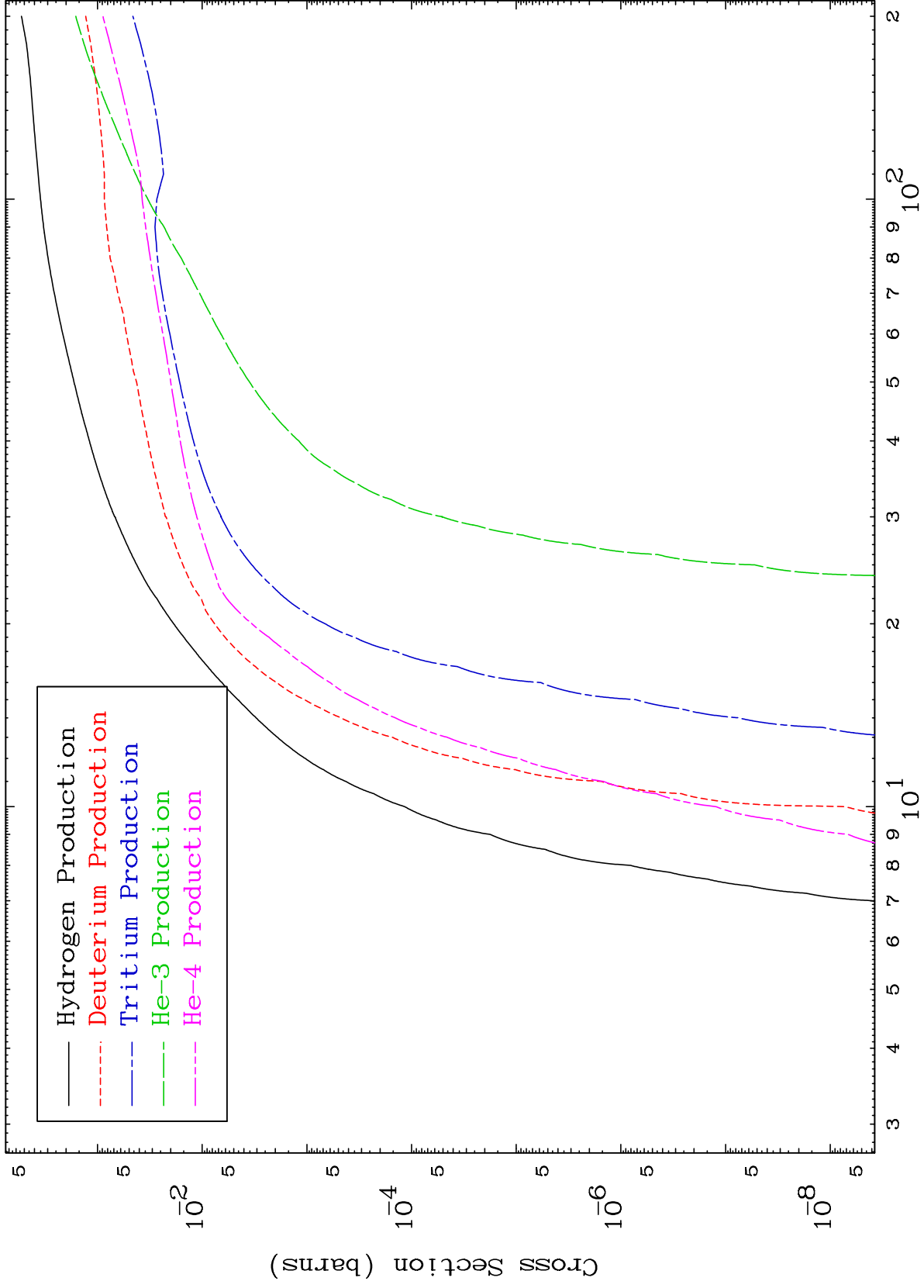
Incident Energy (MeV)

35-Br-85

MAT 3543

Particle Production  
293 Kelvin Cross Sections

35-Br-85



5

Incident Energy (MeV)

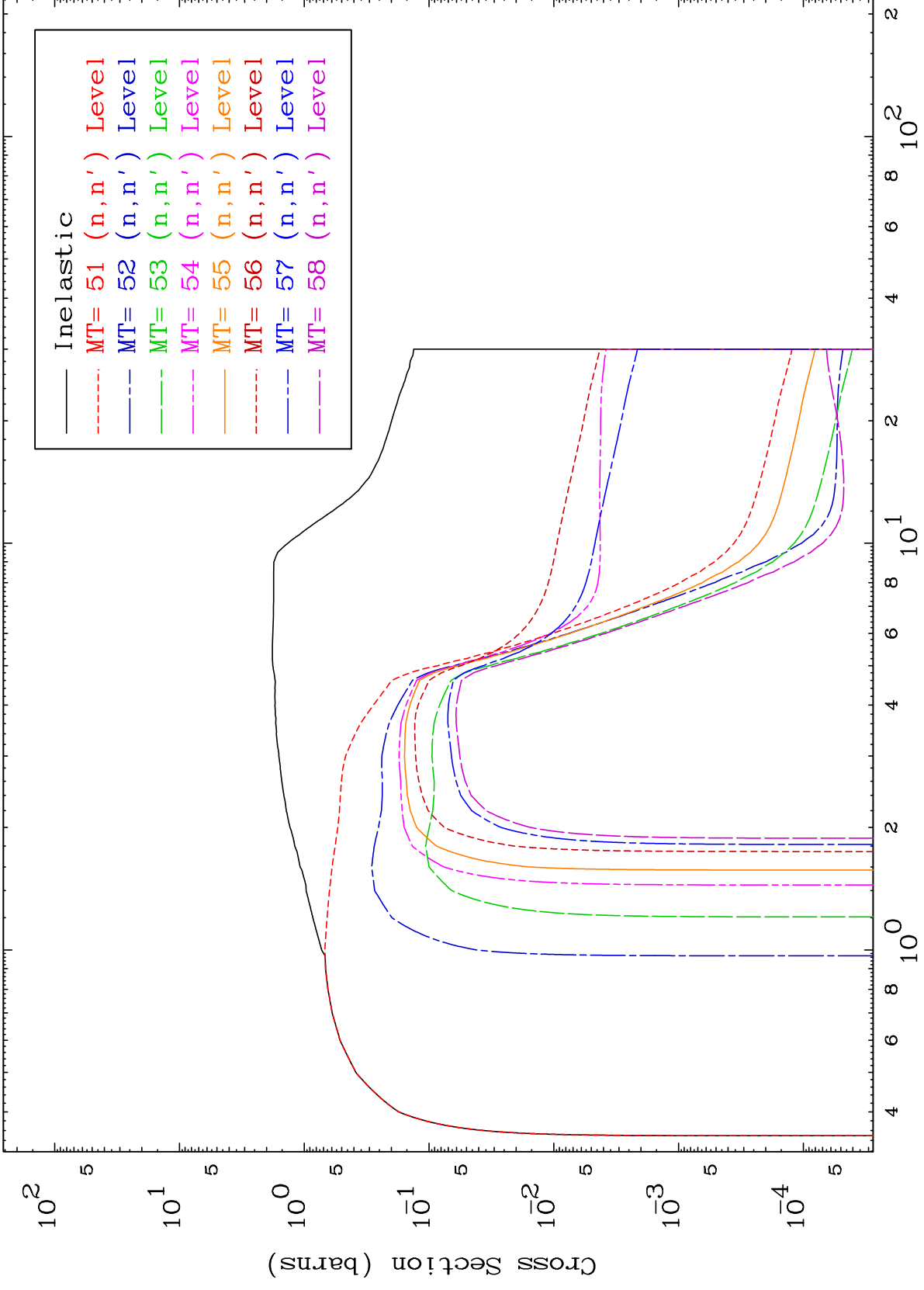
35-Br-85

MAT 3543

(n,n') Level

35-Br-85

293 Kelvin Cross Sections



6

Incident Energy (MeV)

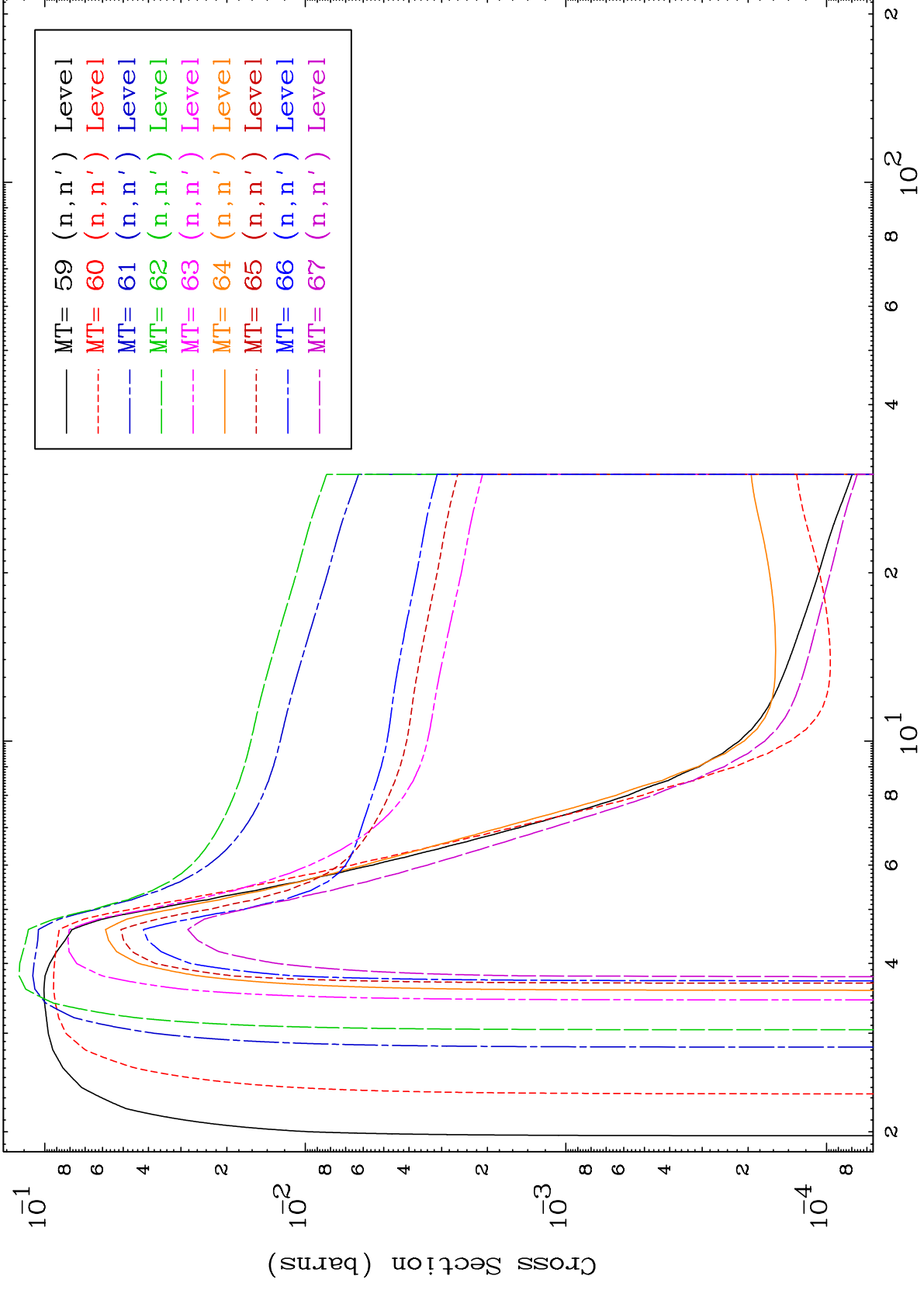
35-Br-85

MAT 3543

(n,n') Level

35-Br-85

293 Kelvin Cross Sections



7

Incident Energy (MeV)

35-Br-85

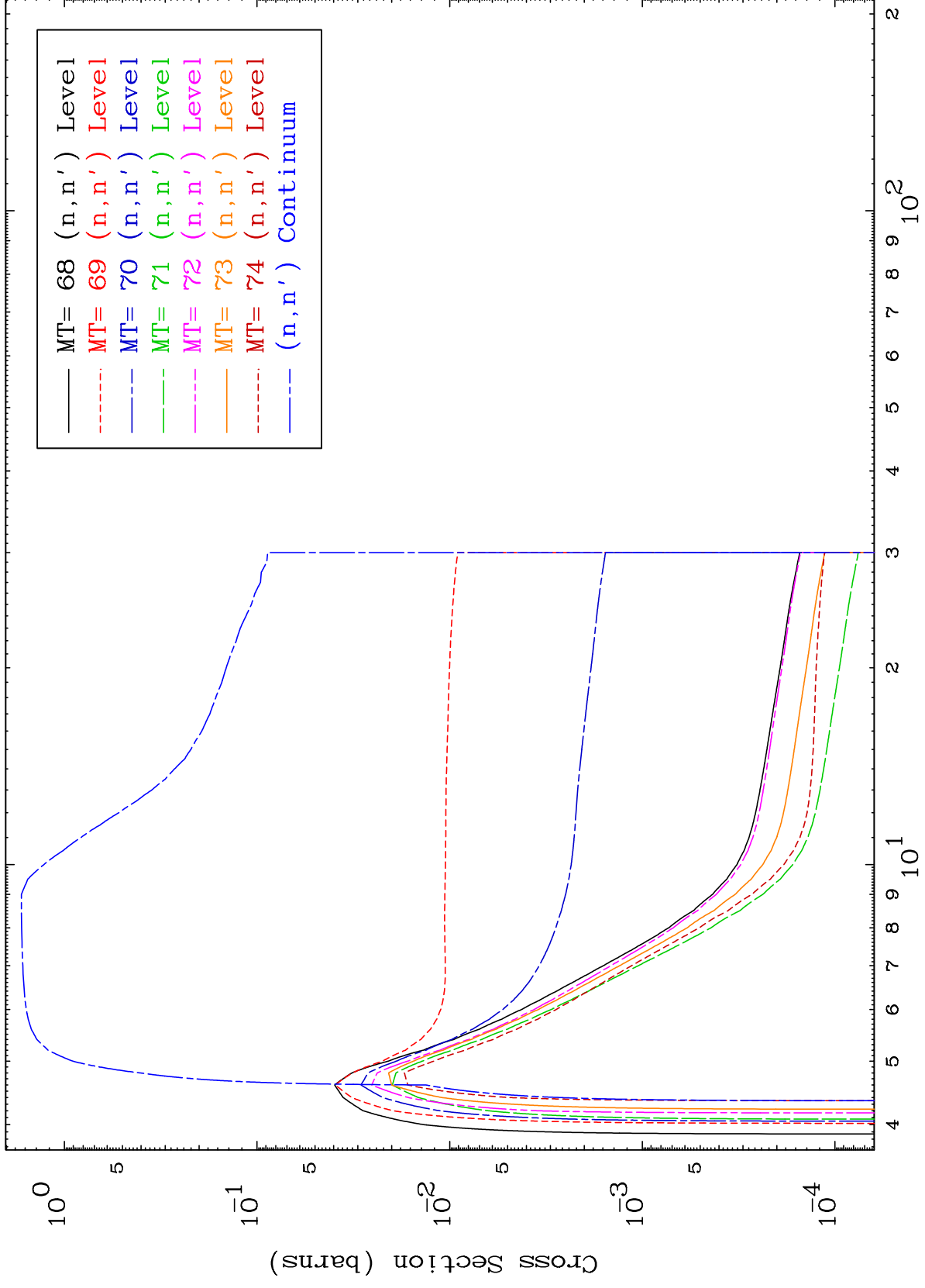


MAT 3543

(n,n') Level

35-Br-85

293 Kelvin Cross Sections



Incident Energy (MeV)

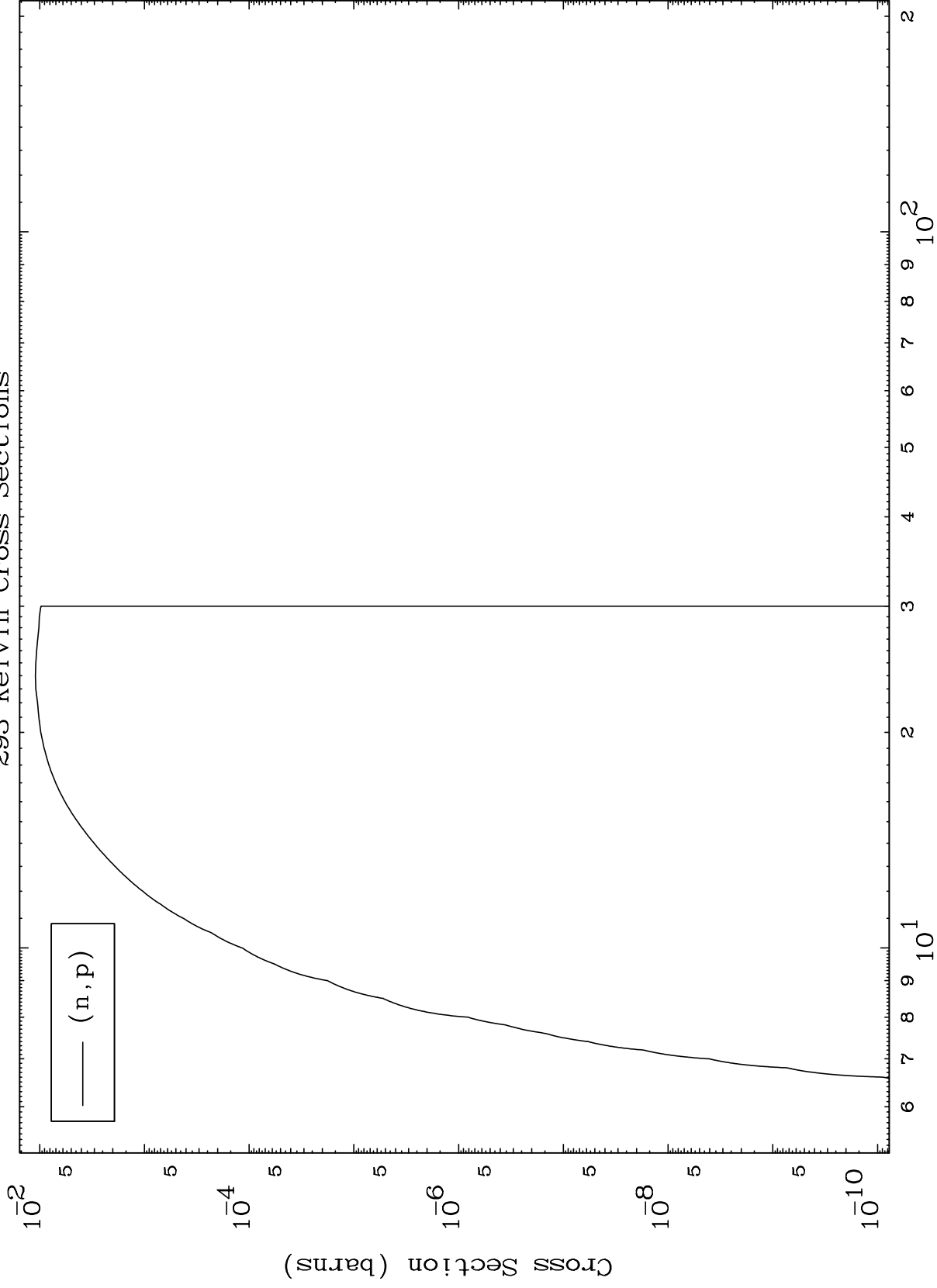
35-Br-85

8

MAT 3543

(n,p) Levels  
293 Kelvin Cross Sections

35-Br-85



9

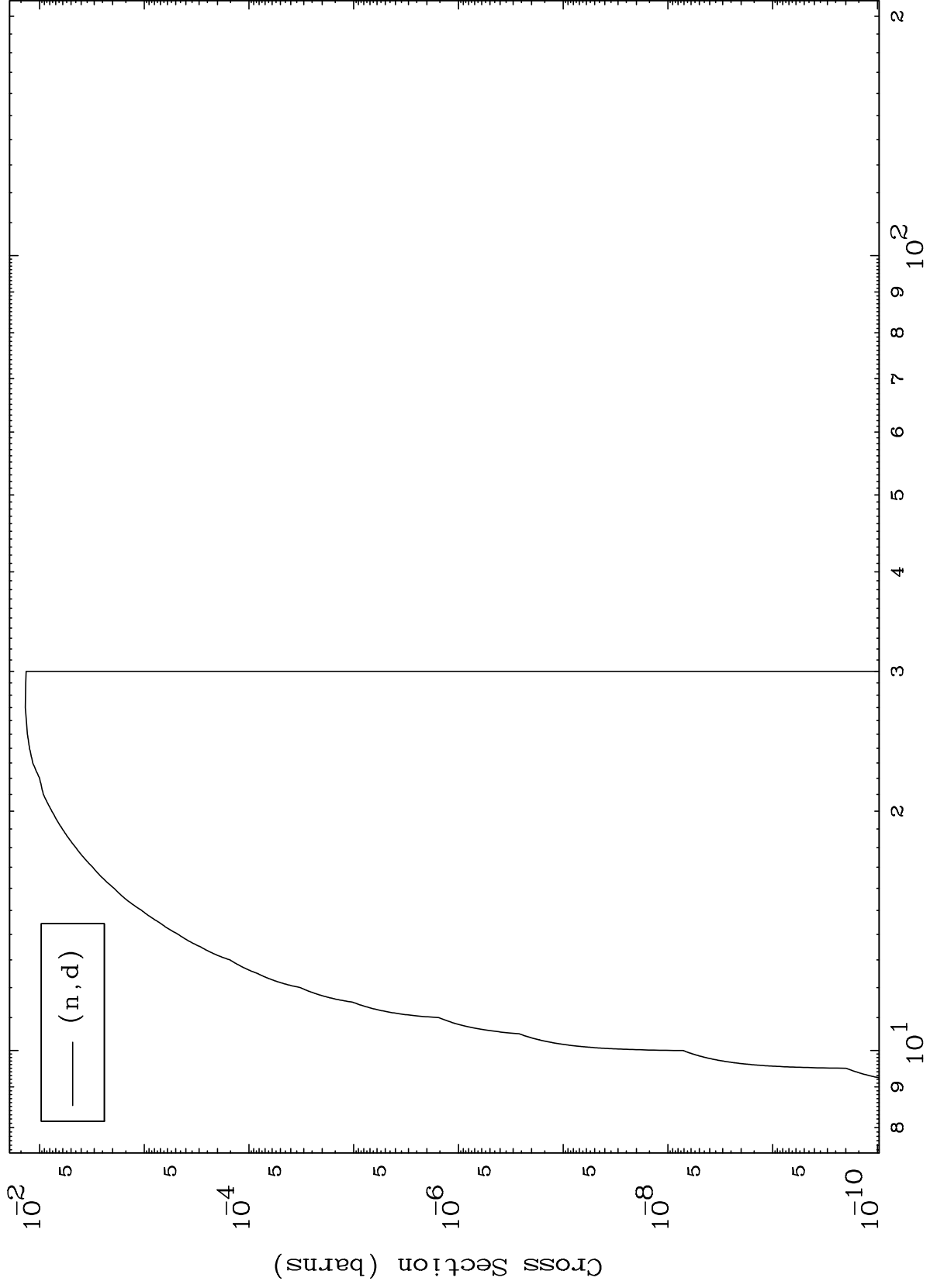
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,d) Levels  
293 Kelvin Cross Sections

35-Br-85



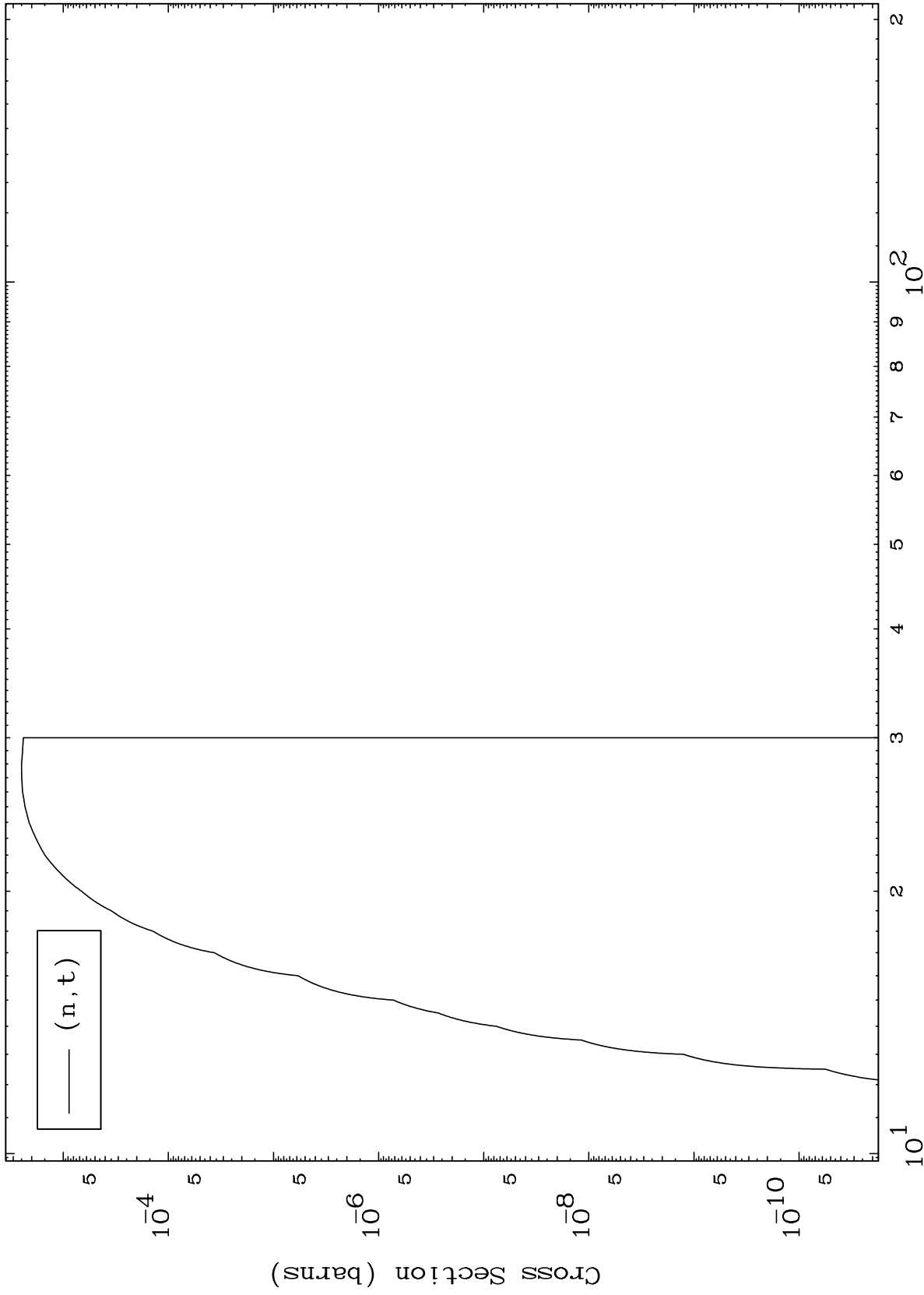
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,t) Levels  
293 Kelvin Cross Sections

35-Br-85



11

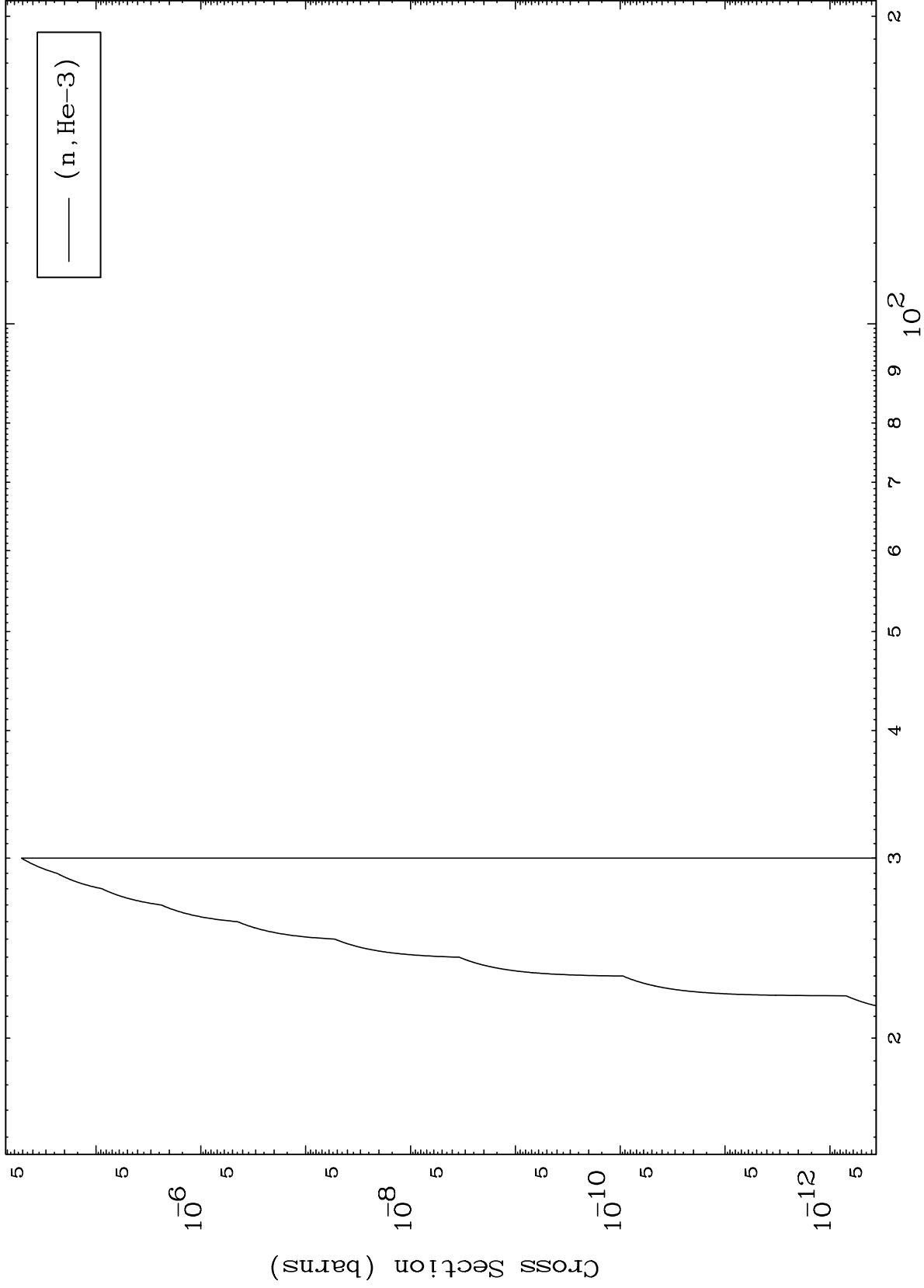
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,He3) Levels  
293 Kelvin Cross Sections

35-Br-85



12

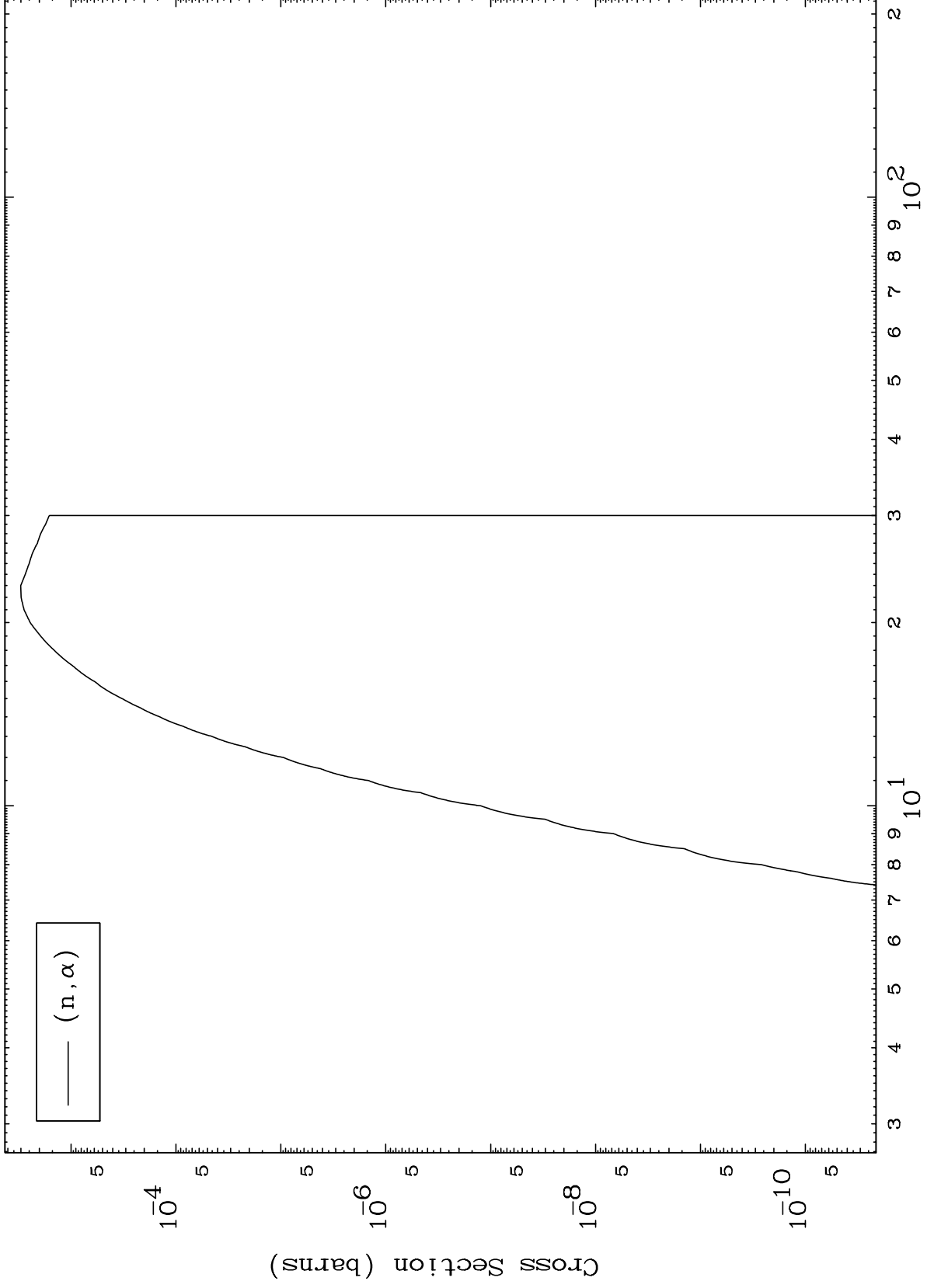
Incident Energy (MeV)

35-Br-85

MAT 3543

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

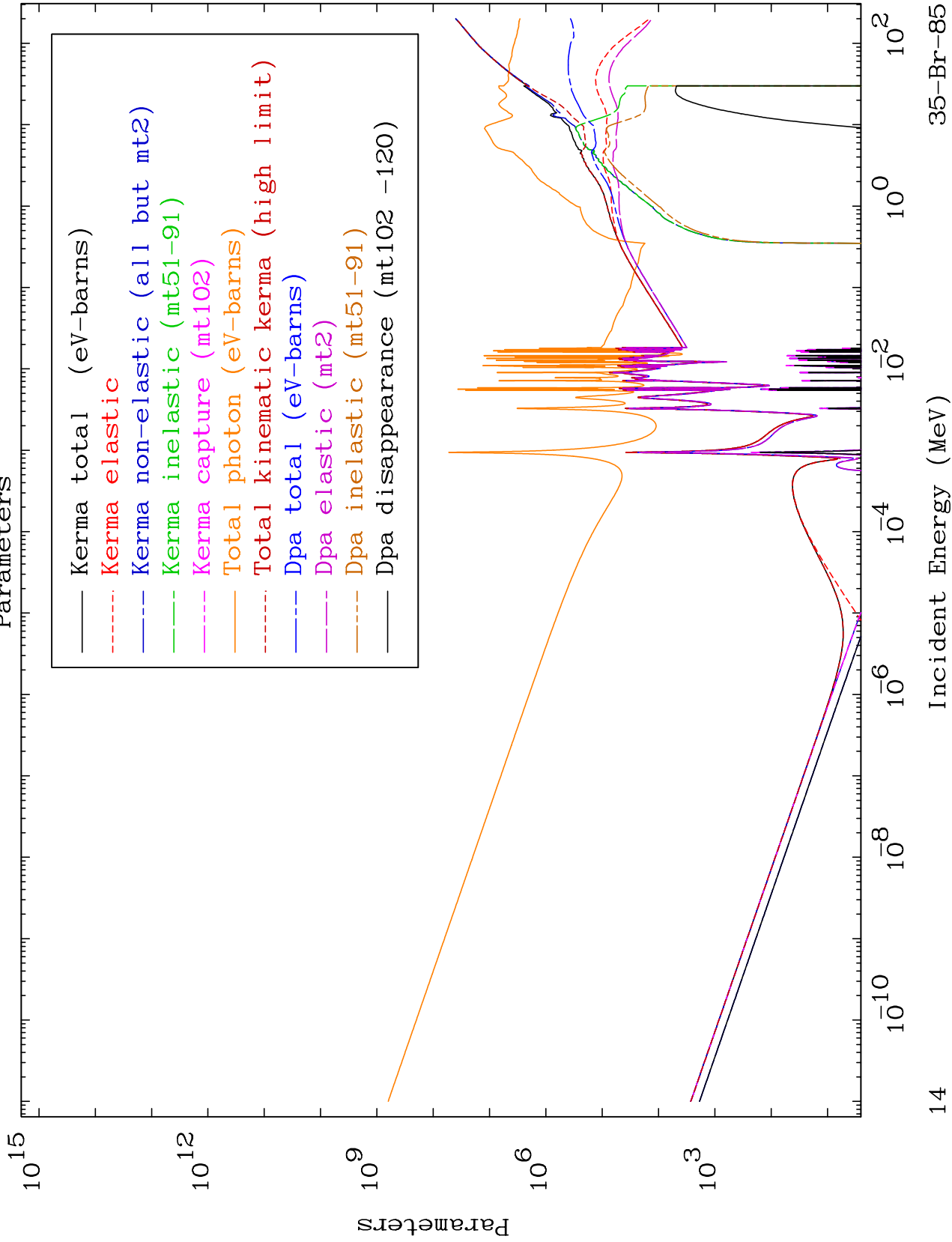
35-Br-85



13

Incident Energy (MeV)

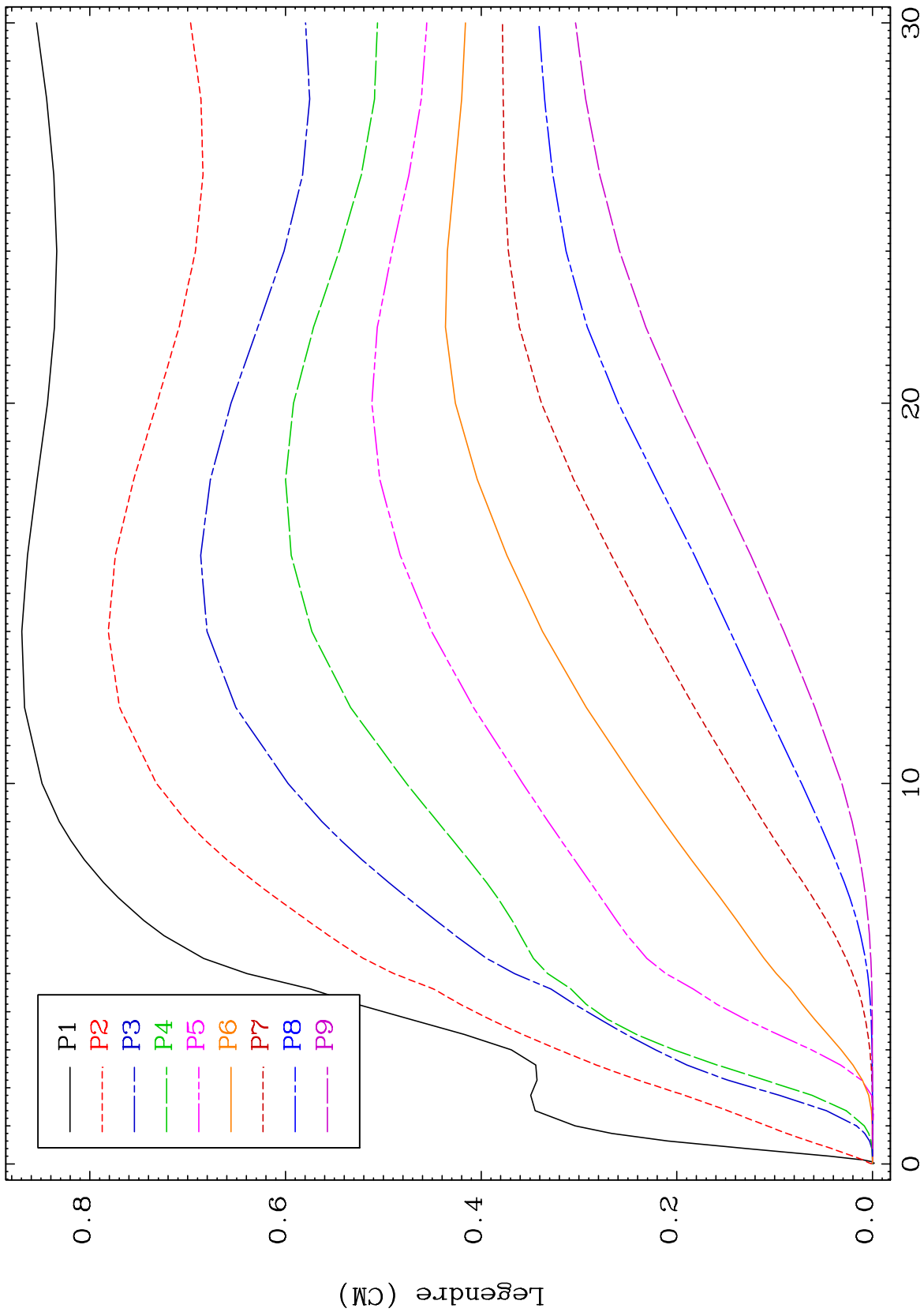
35-Br-85



MAT 3543

Elastic Legendre Coefficients

<sup>35</sup>Br-85



15

Incident Energy (MeV)

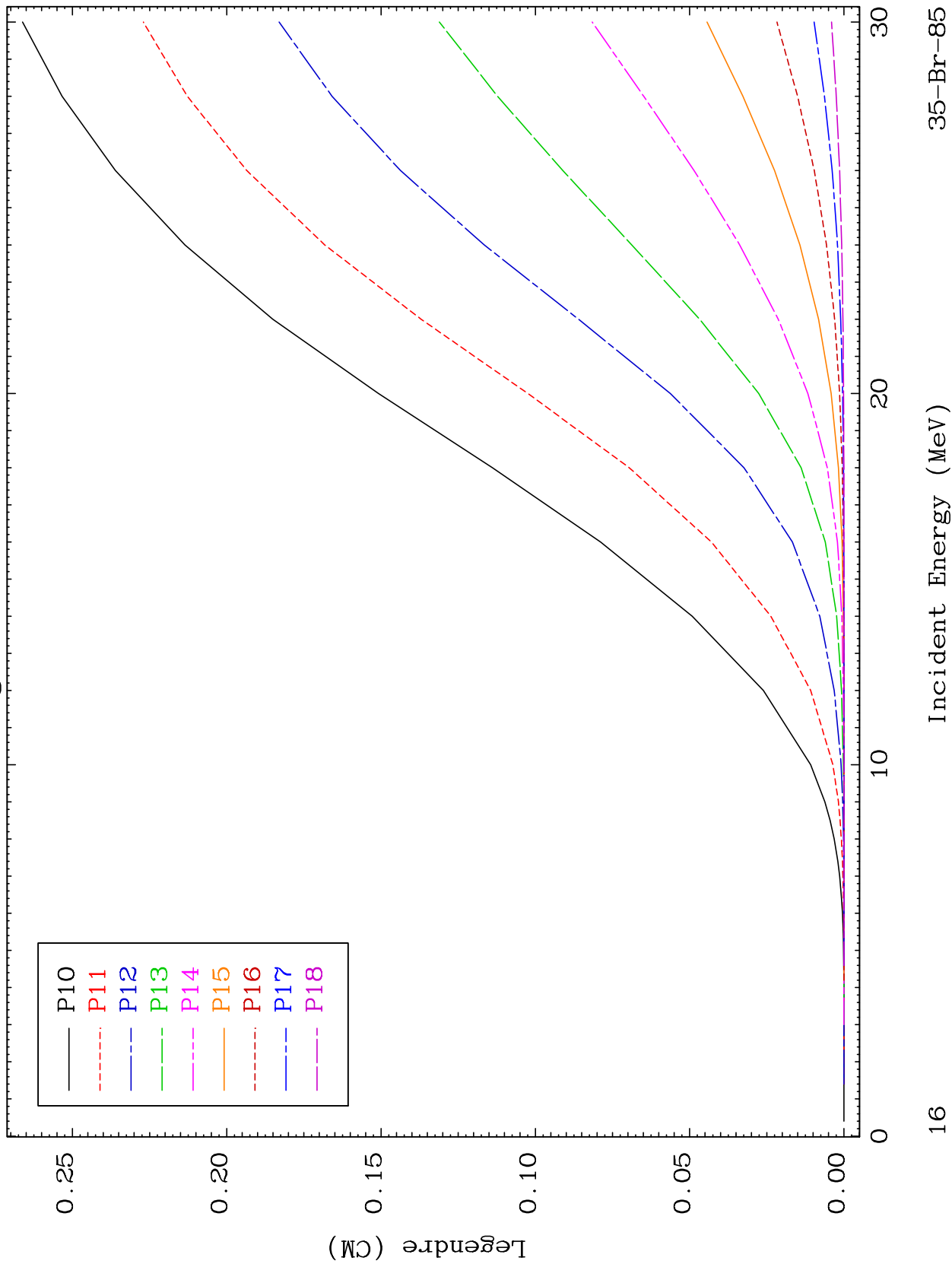
<sup>35</sup>Br-85



MAT 3543

### Elastic Legendre Coefficients

<sup>35</sup>Br-85



16

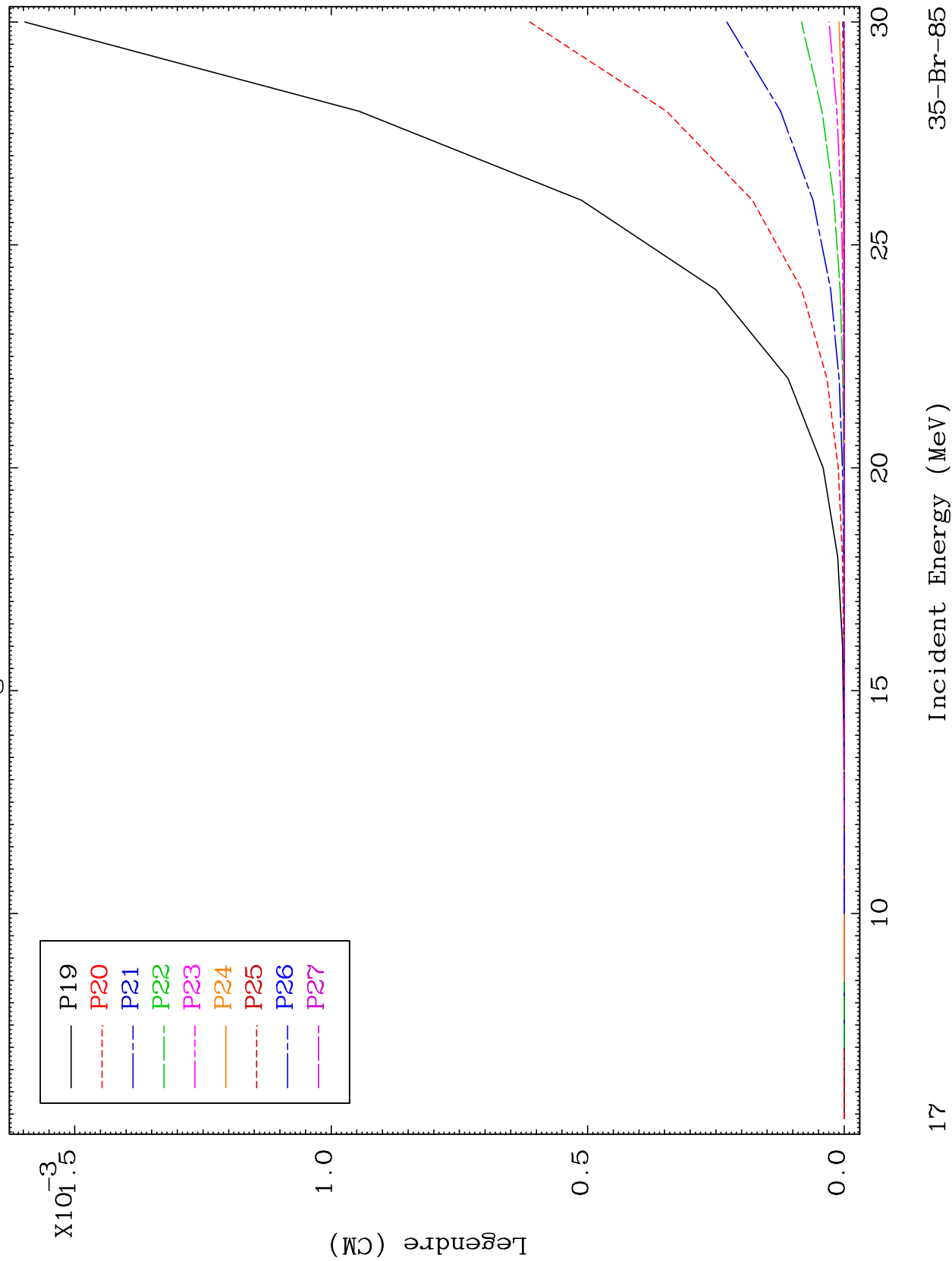
Incident Energy (MeV)

<sup>35</sup>Br-85

MAT 3543

### Elastic Legendre Coefficients

35-Br-85



17

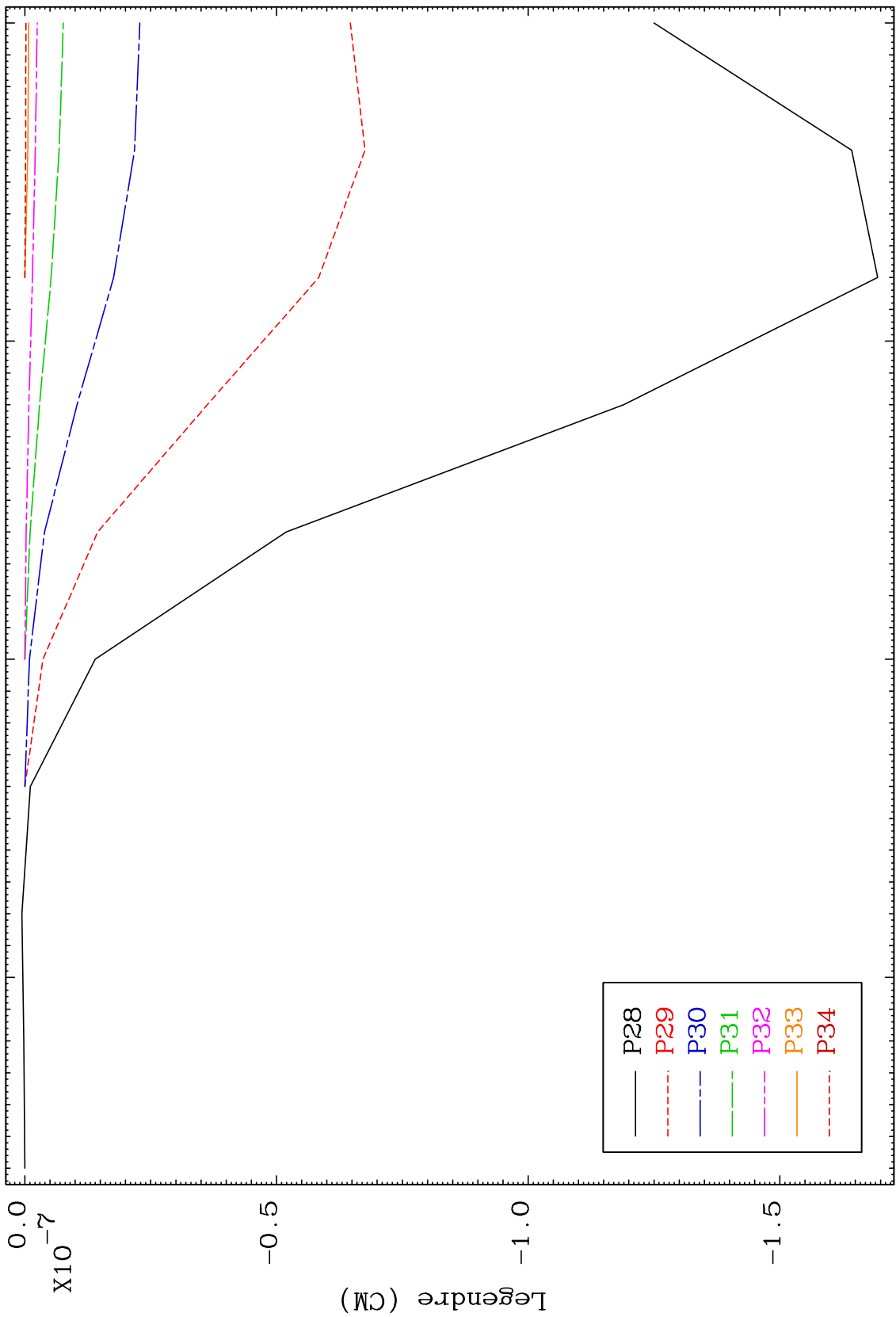
Incident Energy (MeV)

35-Br-85

MAT 3543

35-Br-85

Elastic Legendre Coefficients



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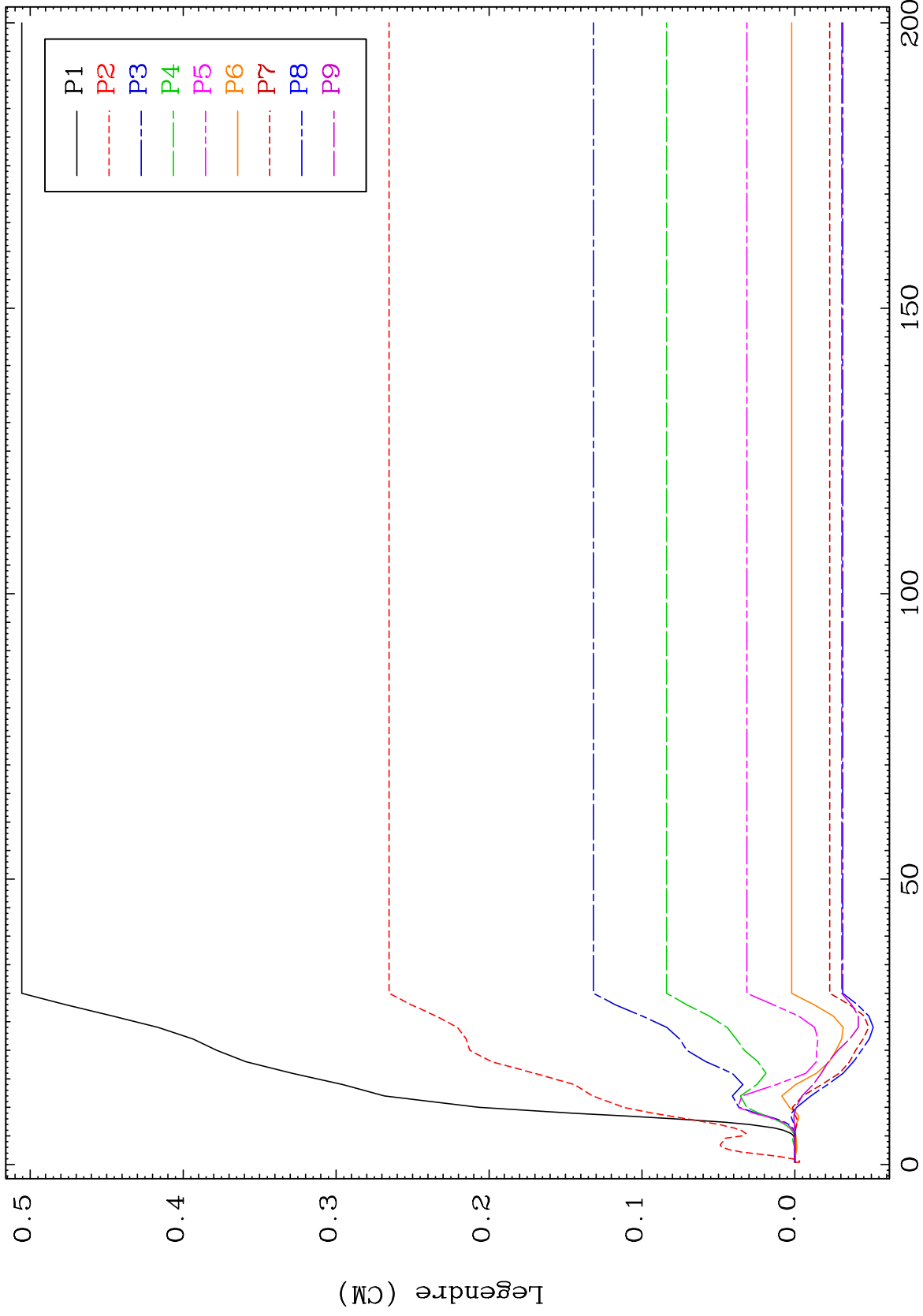
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



19

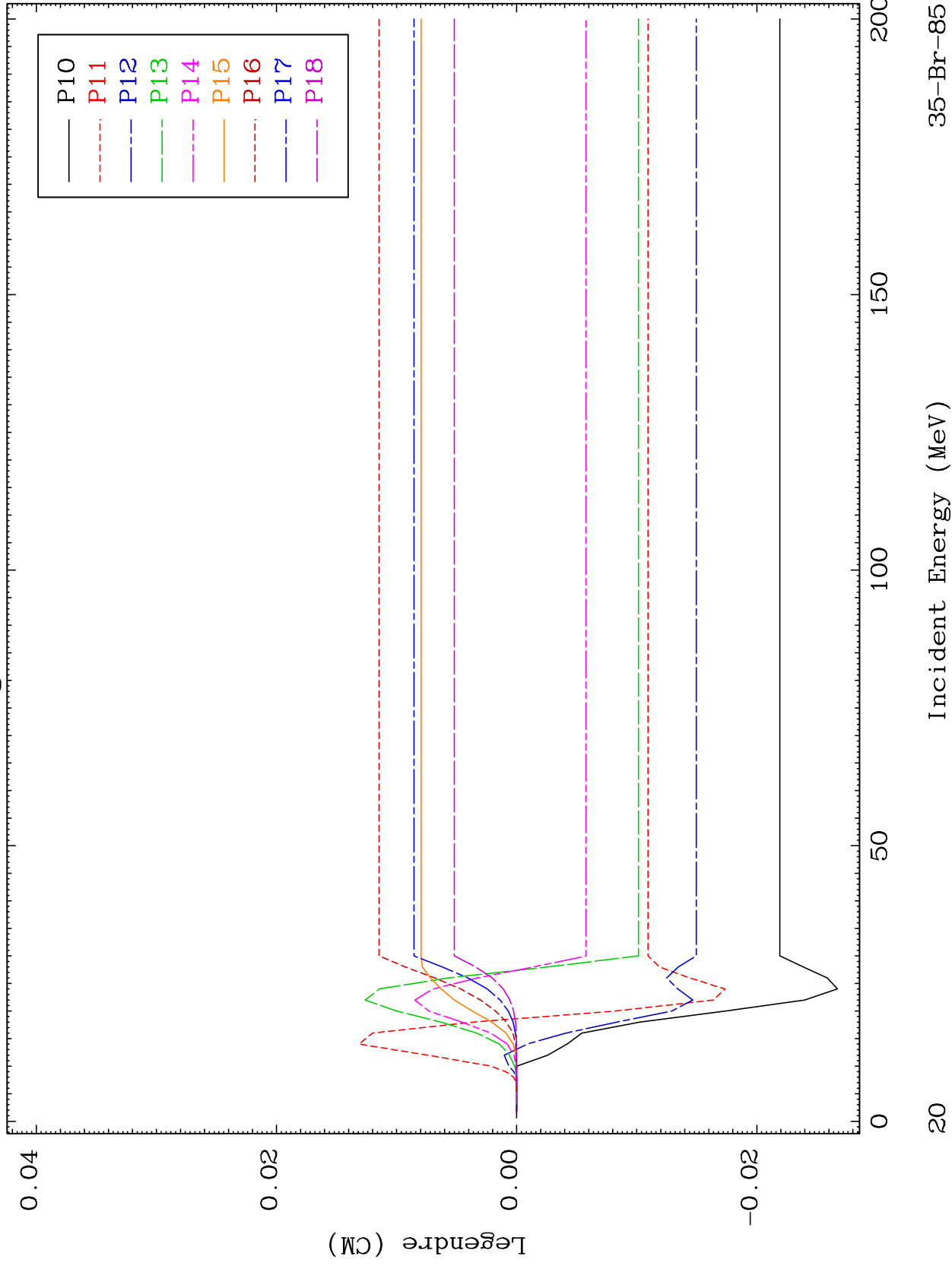
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85

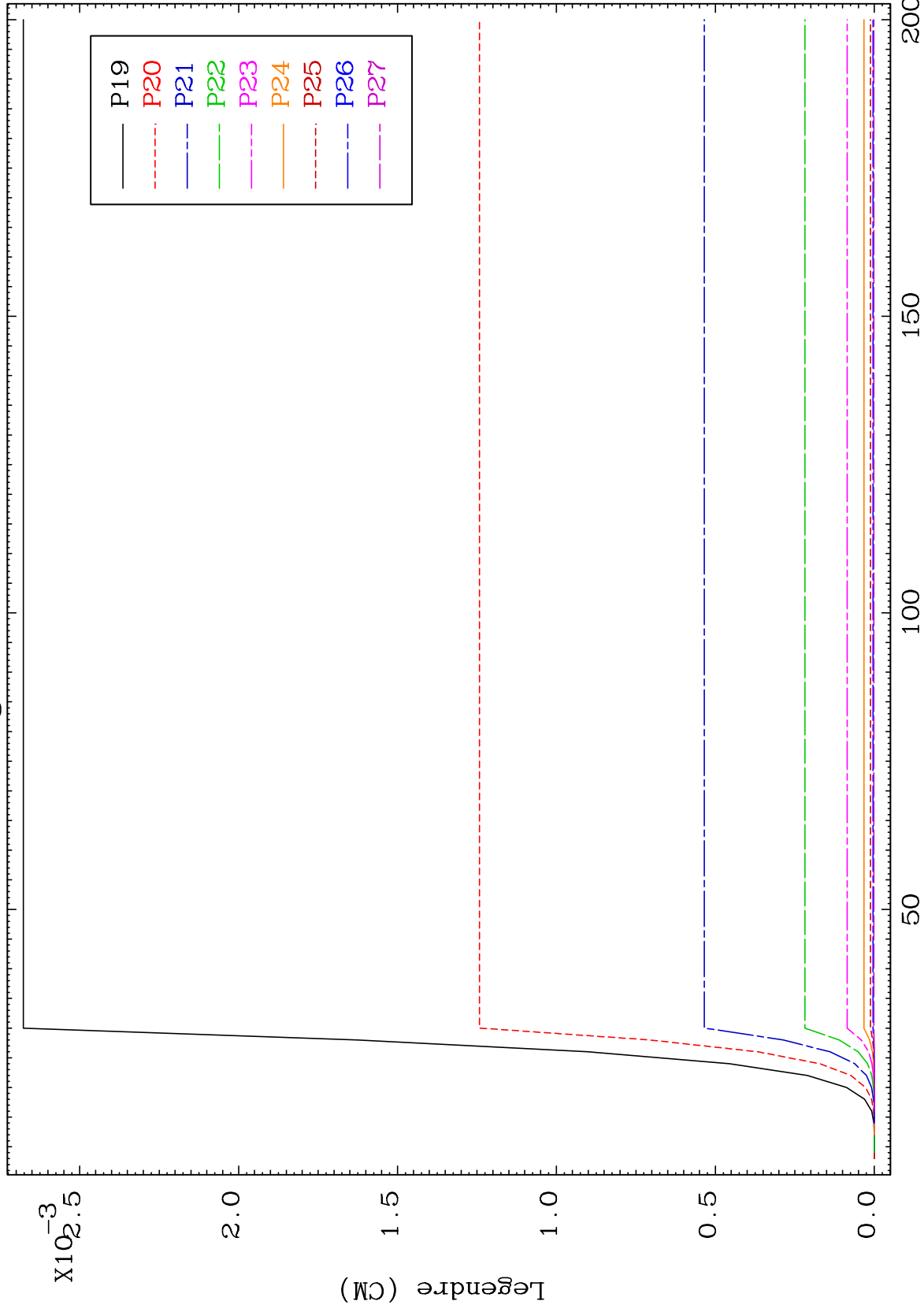


35-Br-85

MAT 3543

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

35-Br-85



21

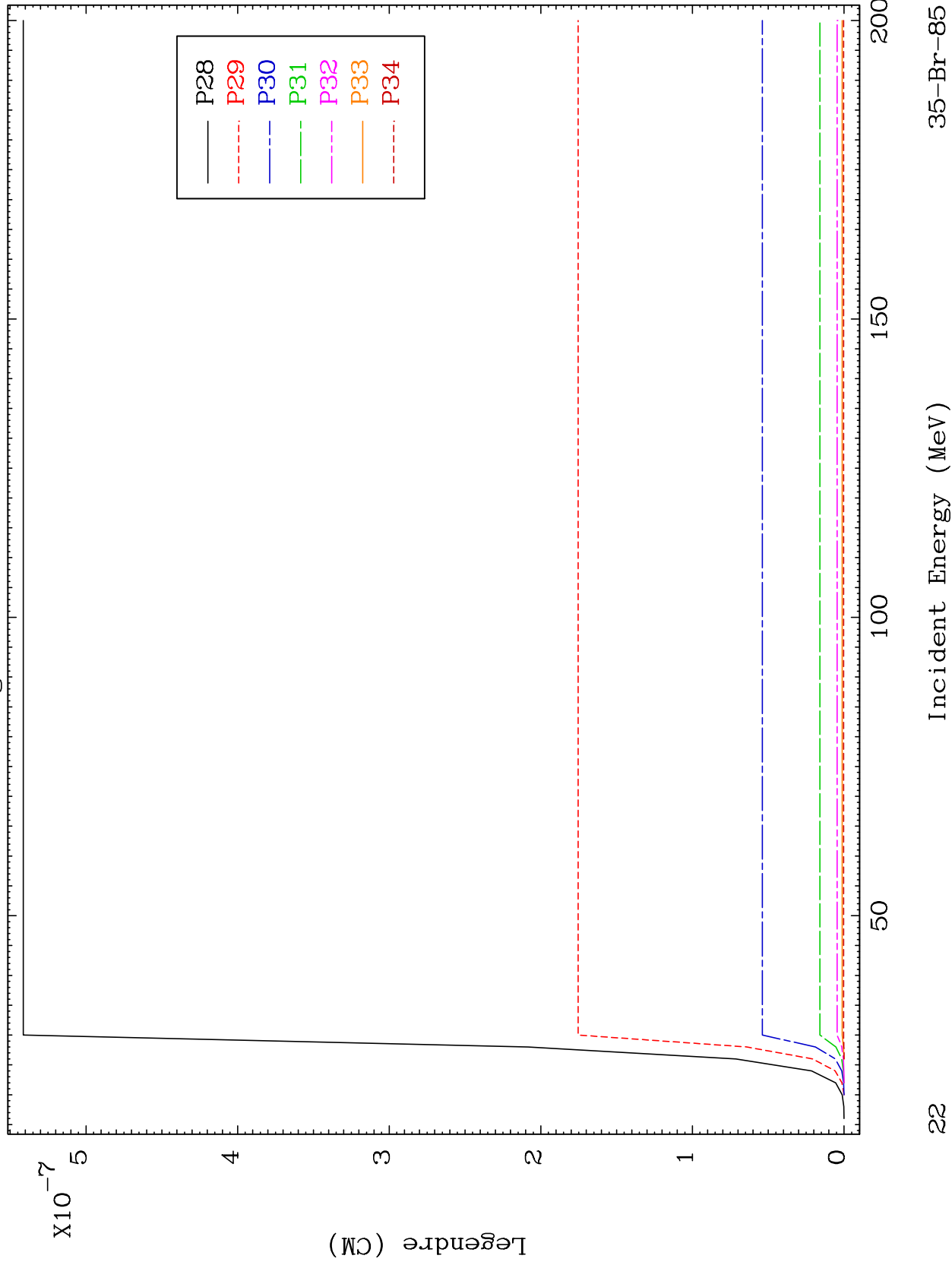
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85

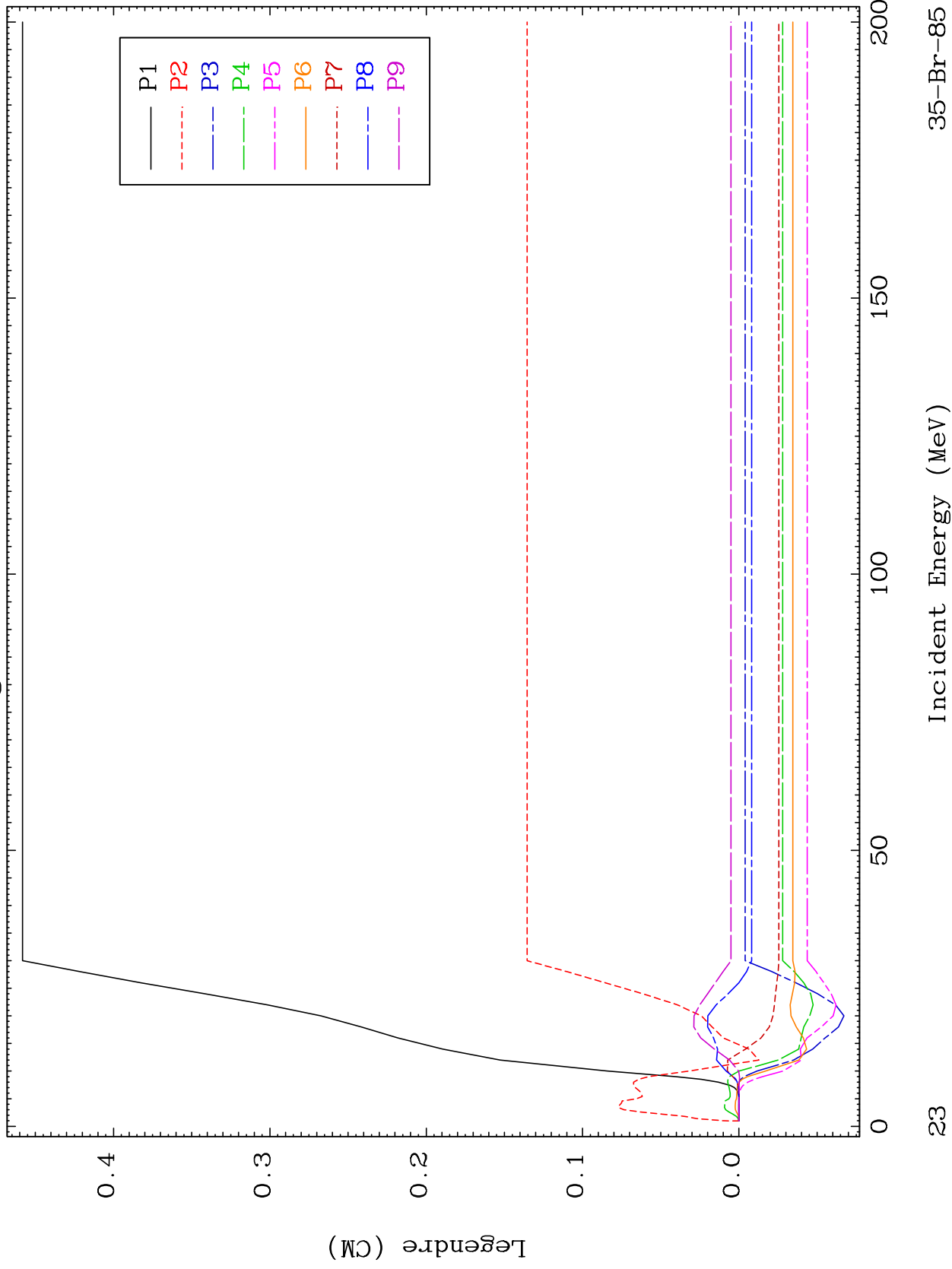


22

MAT 3543

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

35-Br-85

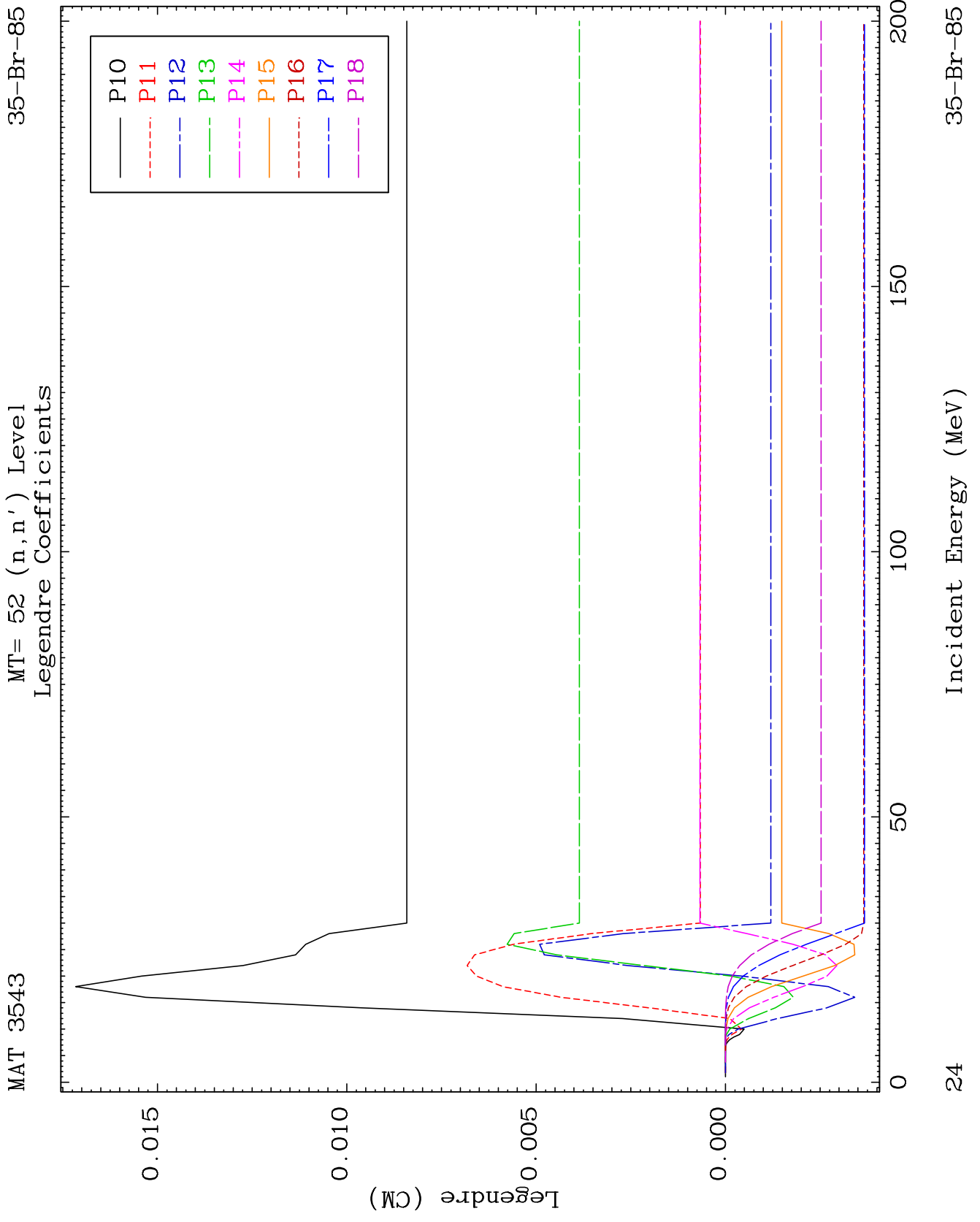


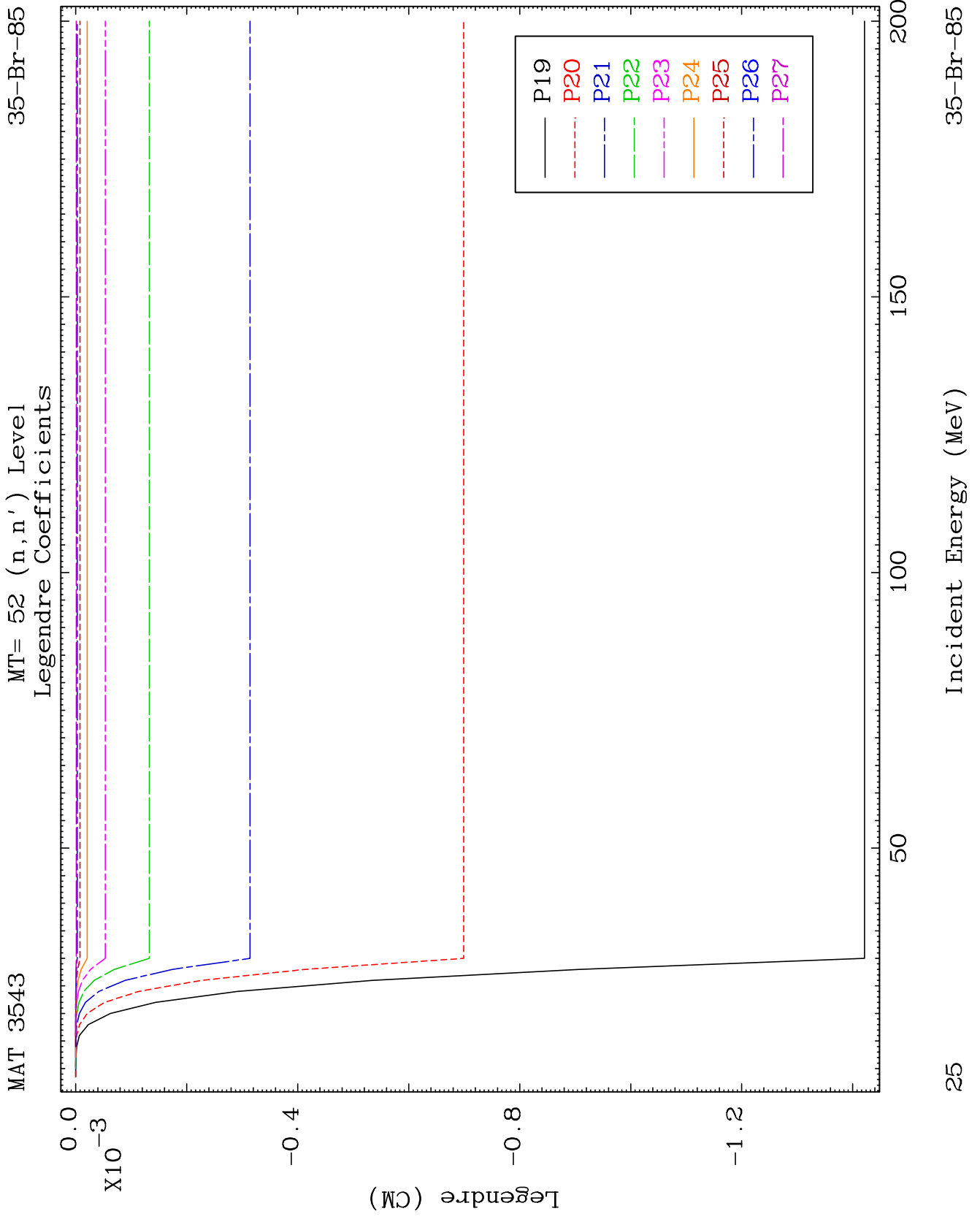
23

Incident Energy (MeV)

35-Br-85



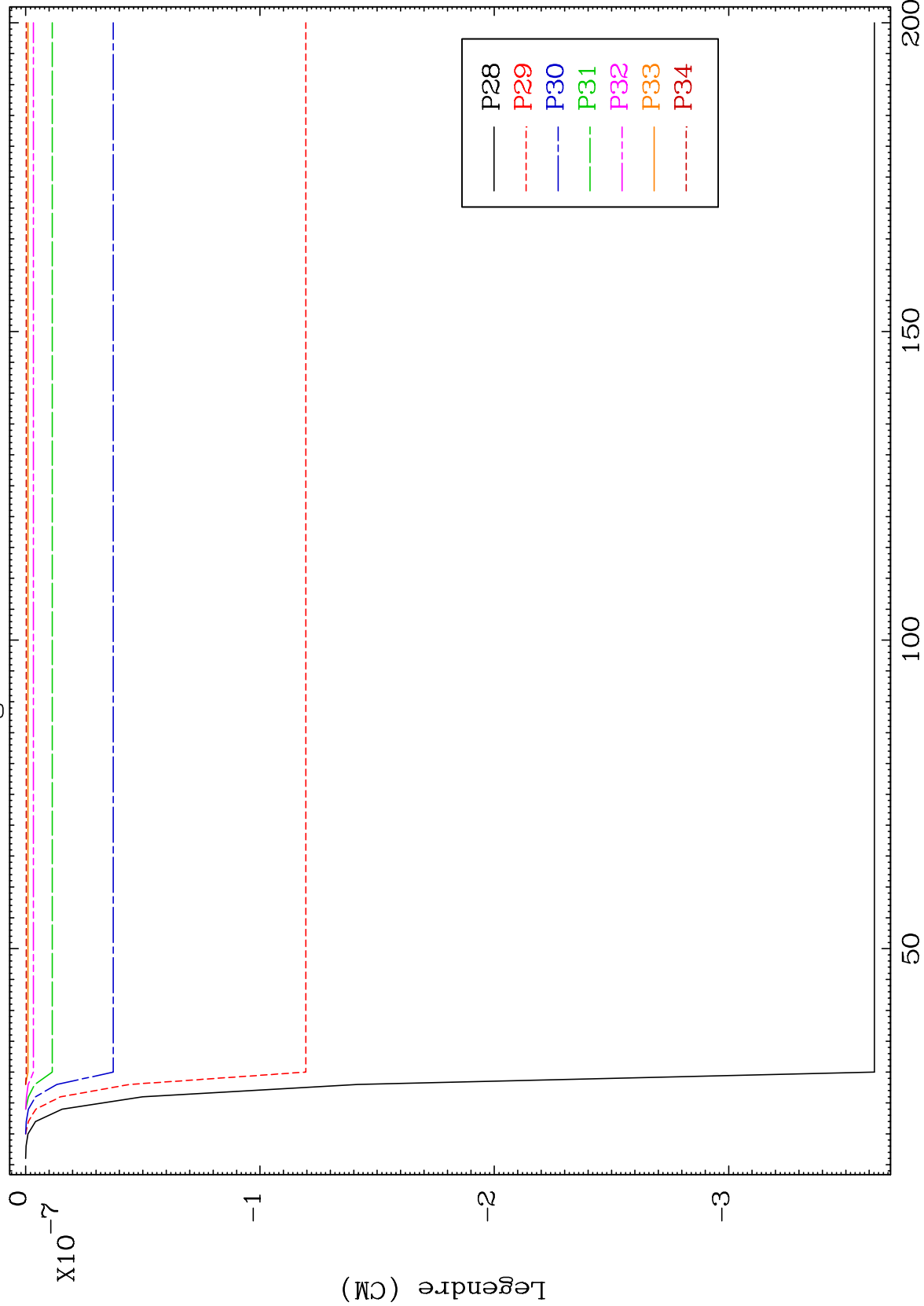




MAT 3543

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

35-Br-85



26

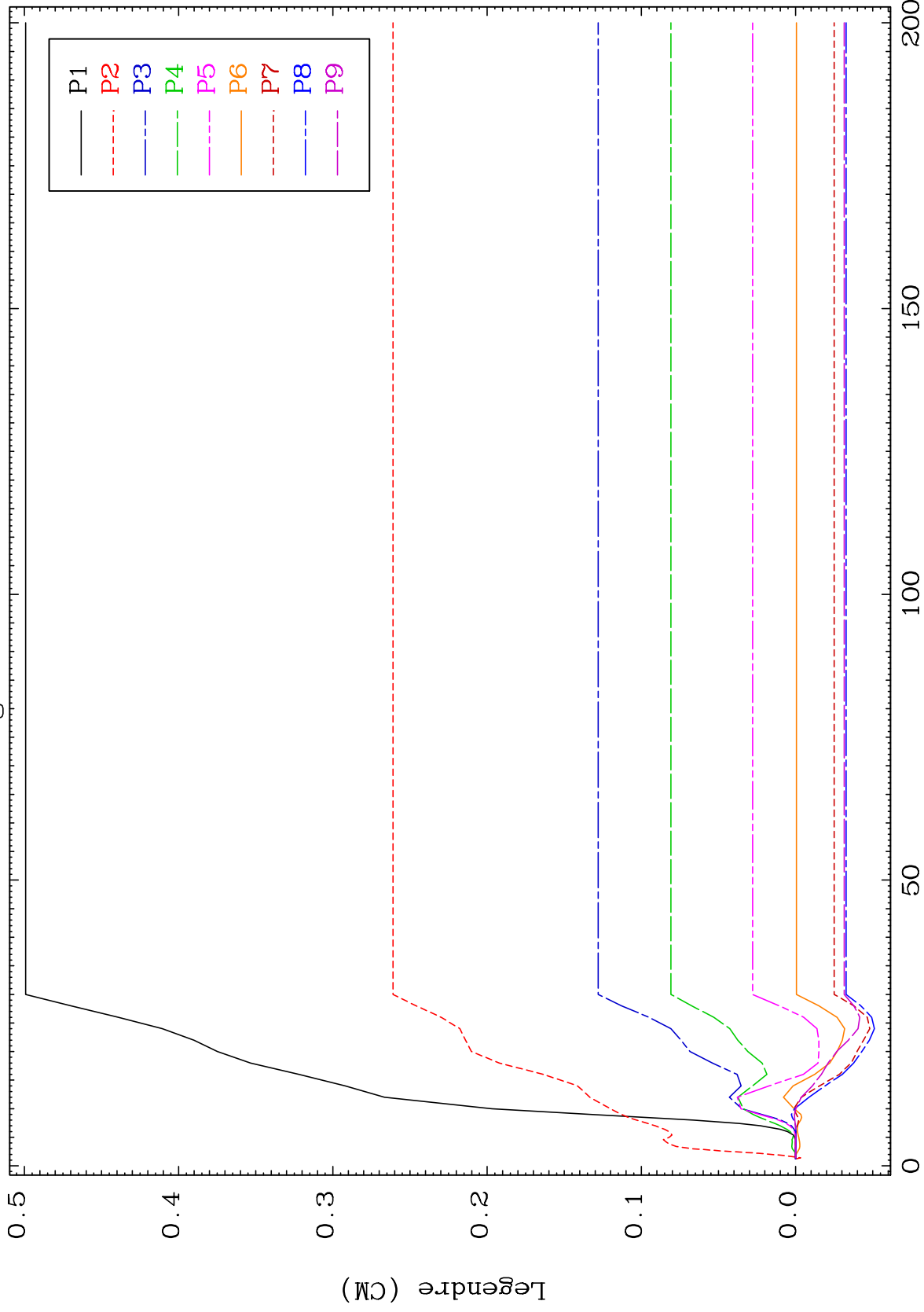
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



27

Incident Energy (MeV)

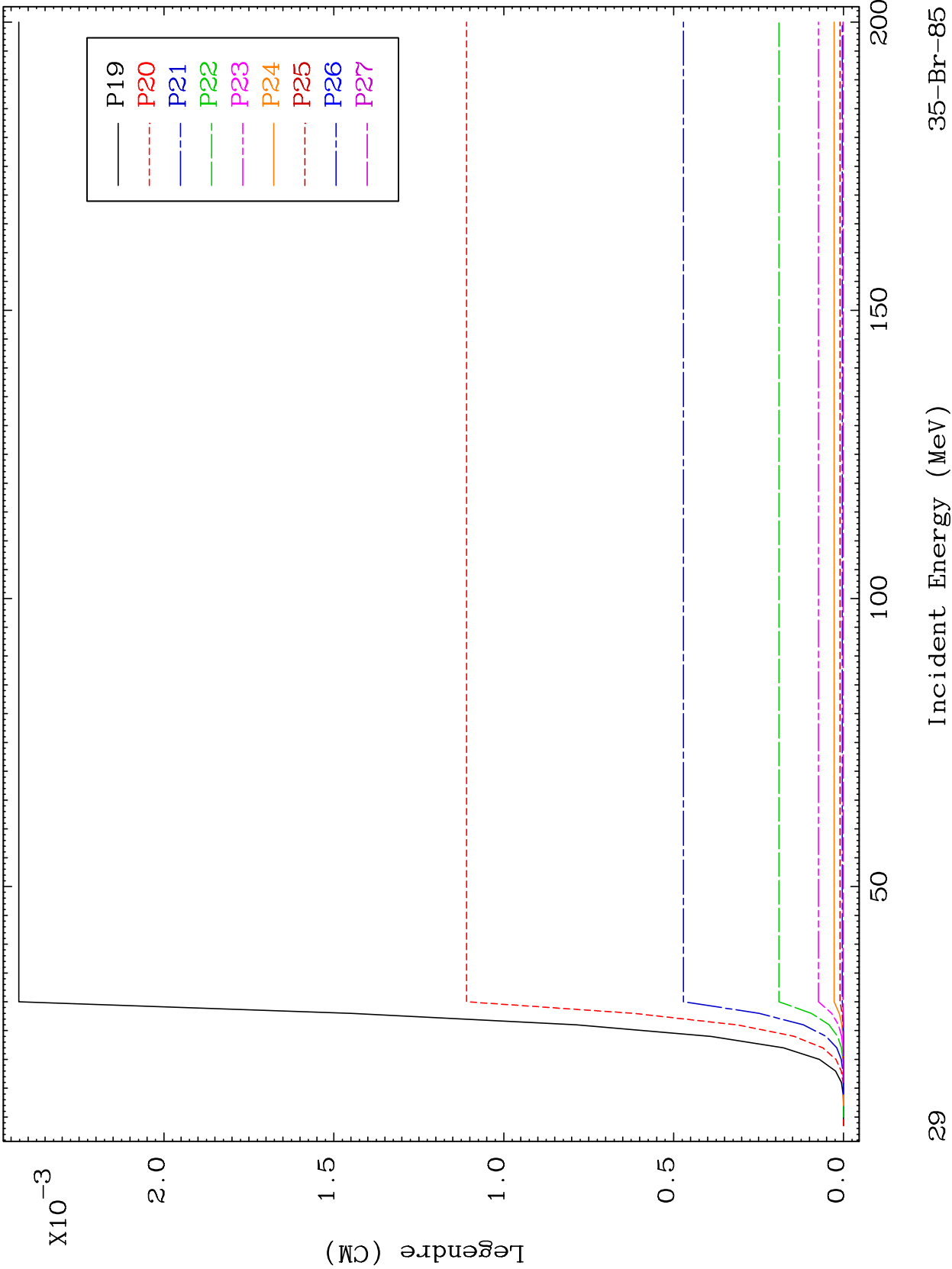
35-Br-85



MAT 3543

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

35-Br-85

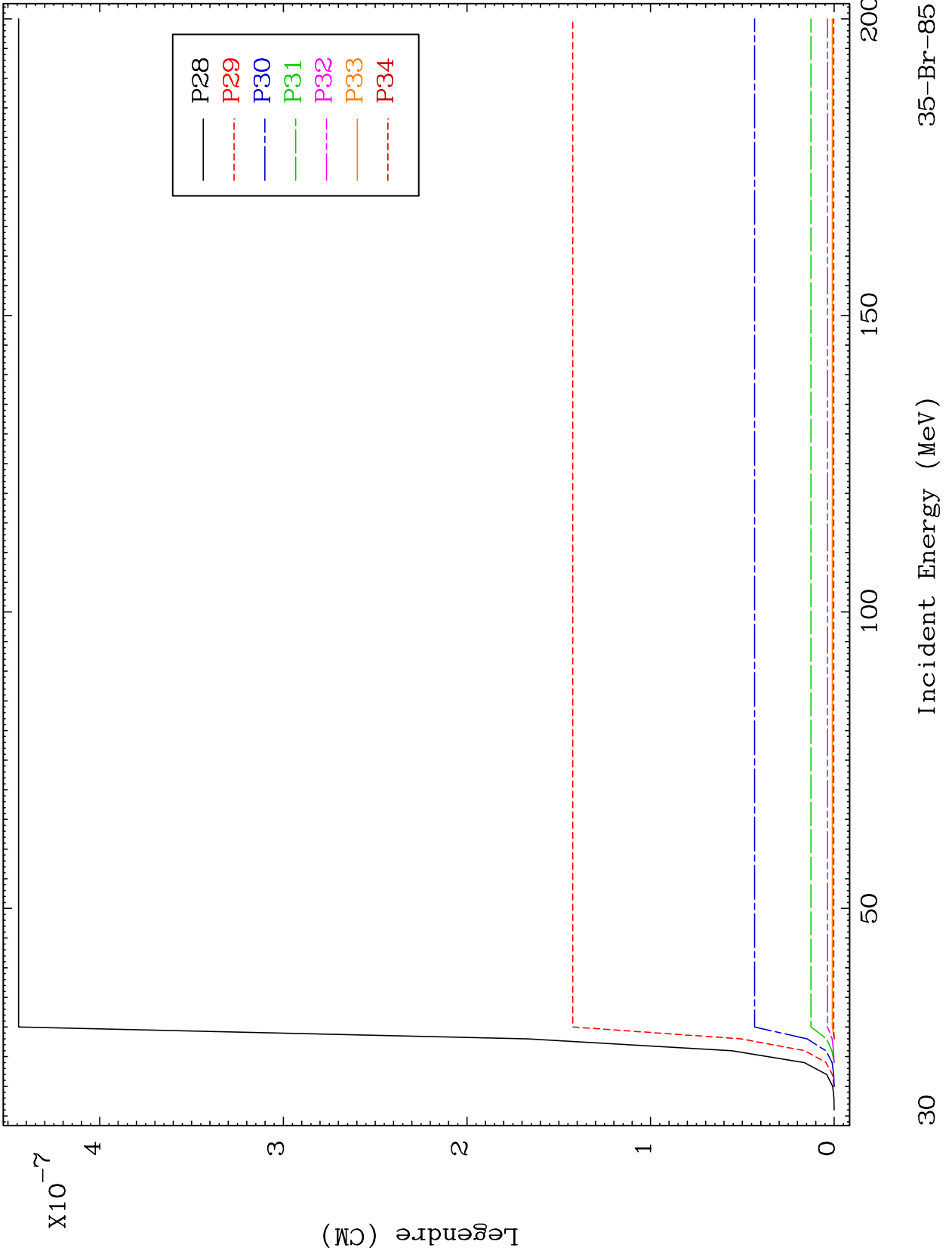


29

MAT 3543

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

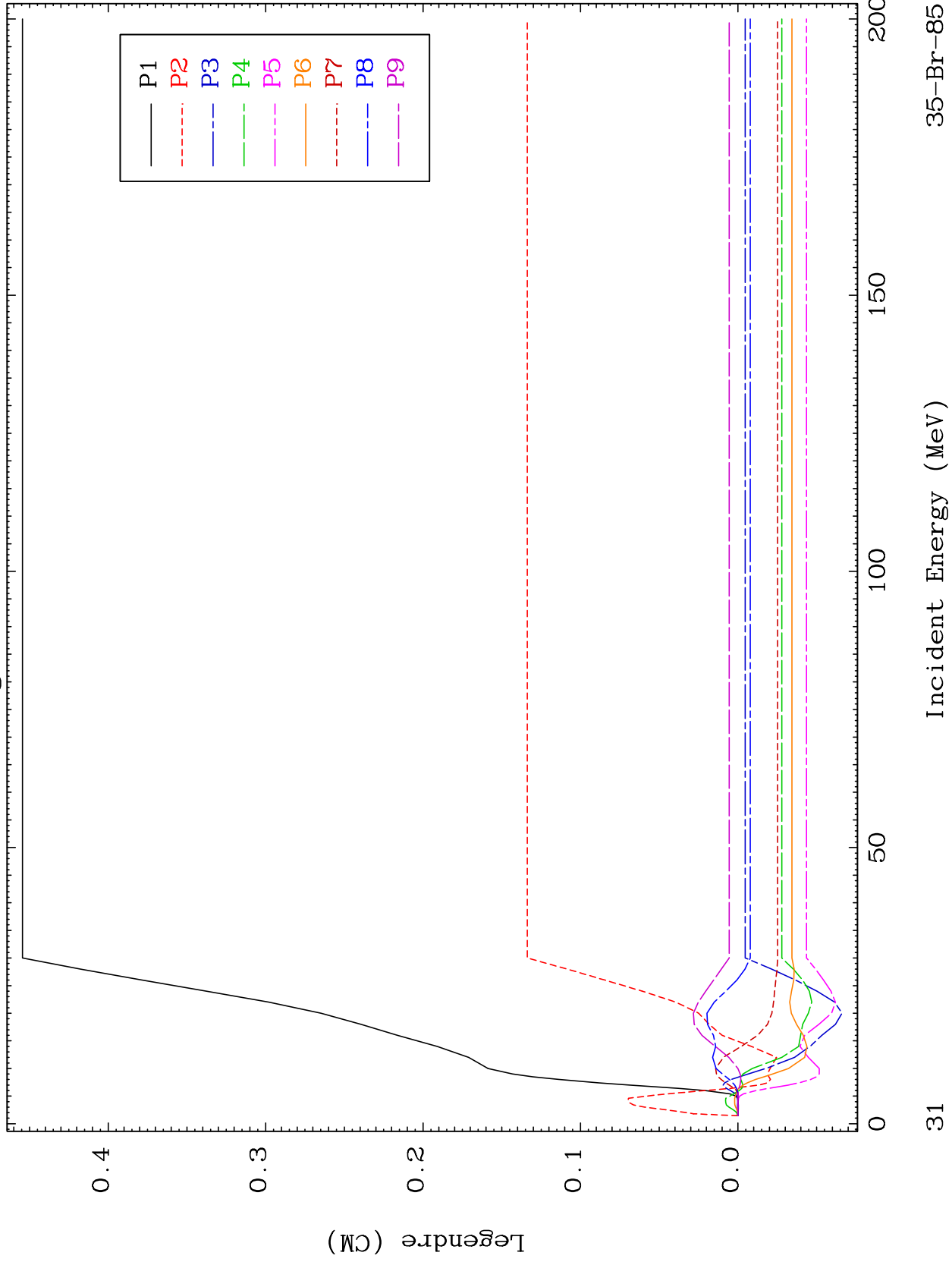
35-Br-85



MAT 3543

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

35-Br-85



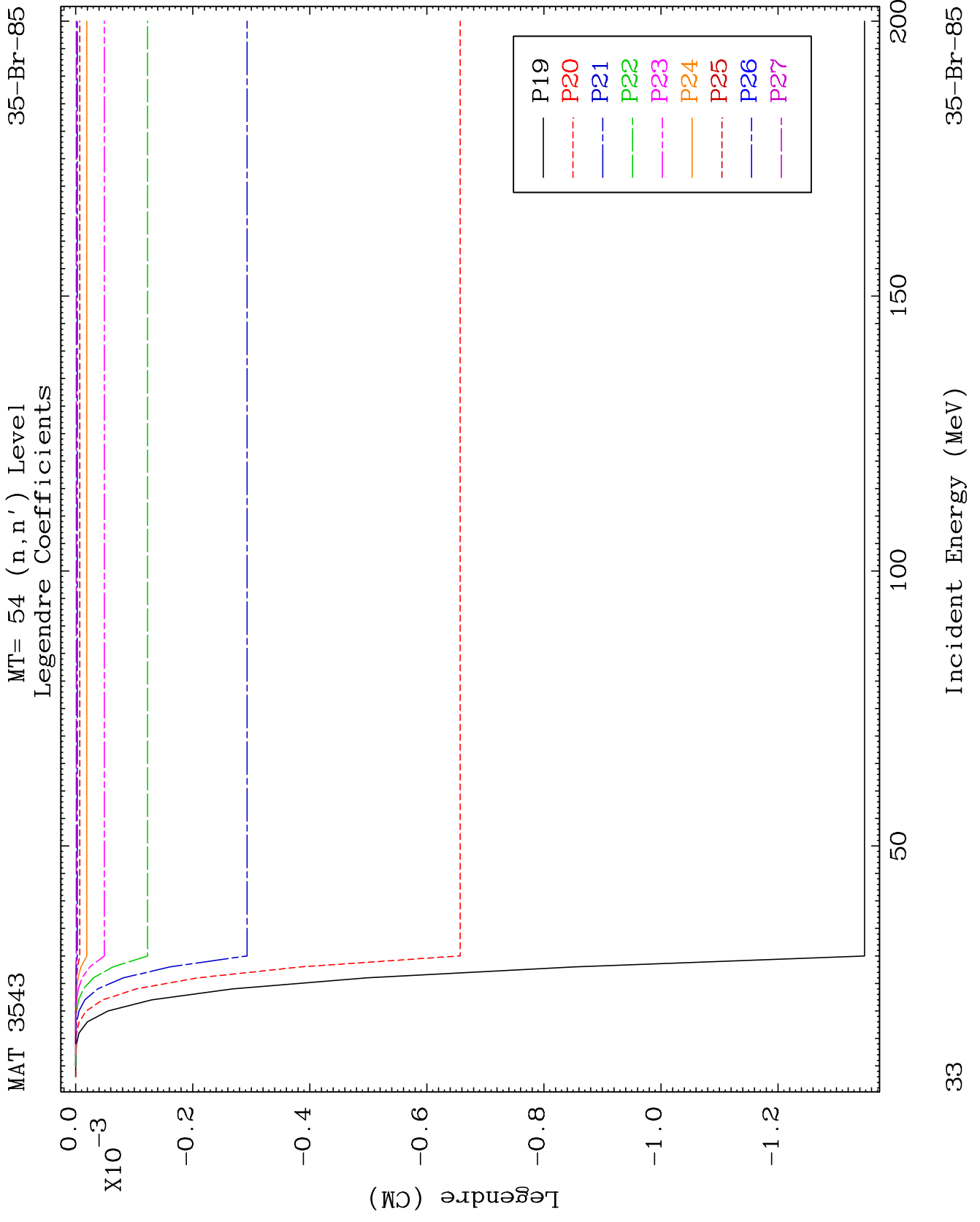
35-Br-85

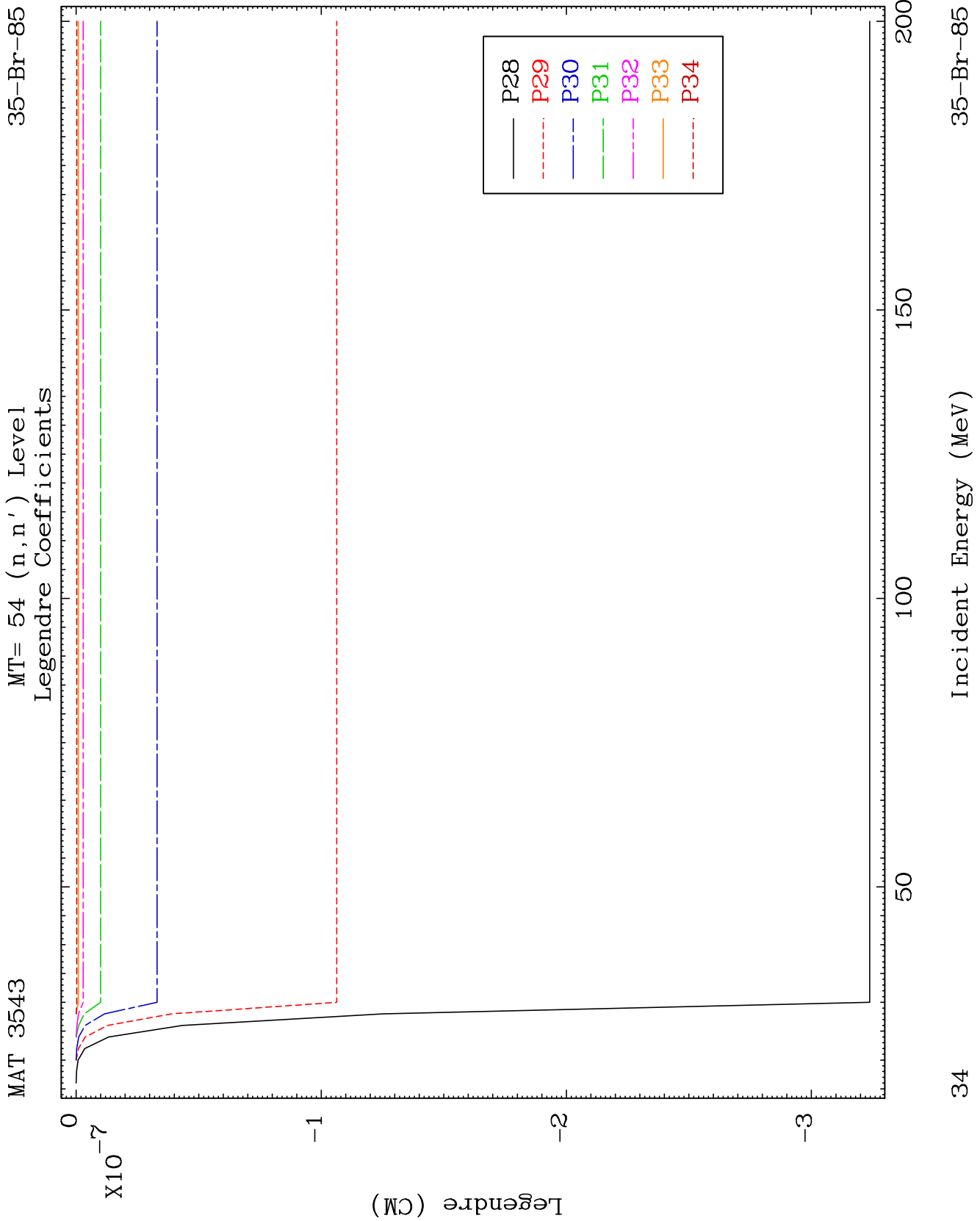
Incident Energy (MeV)

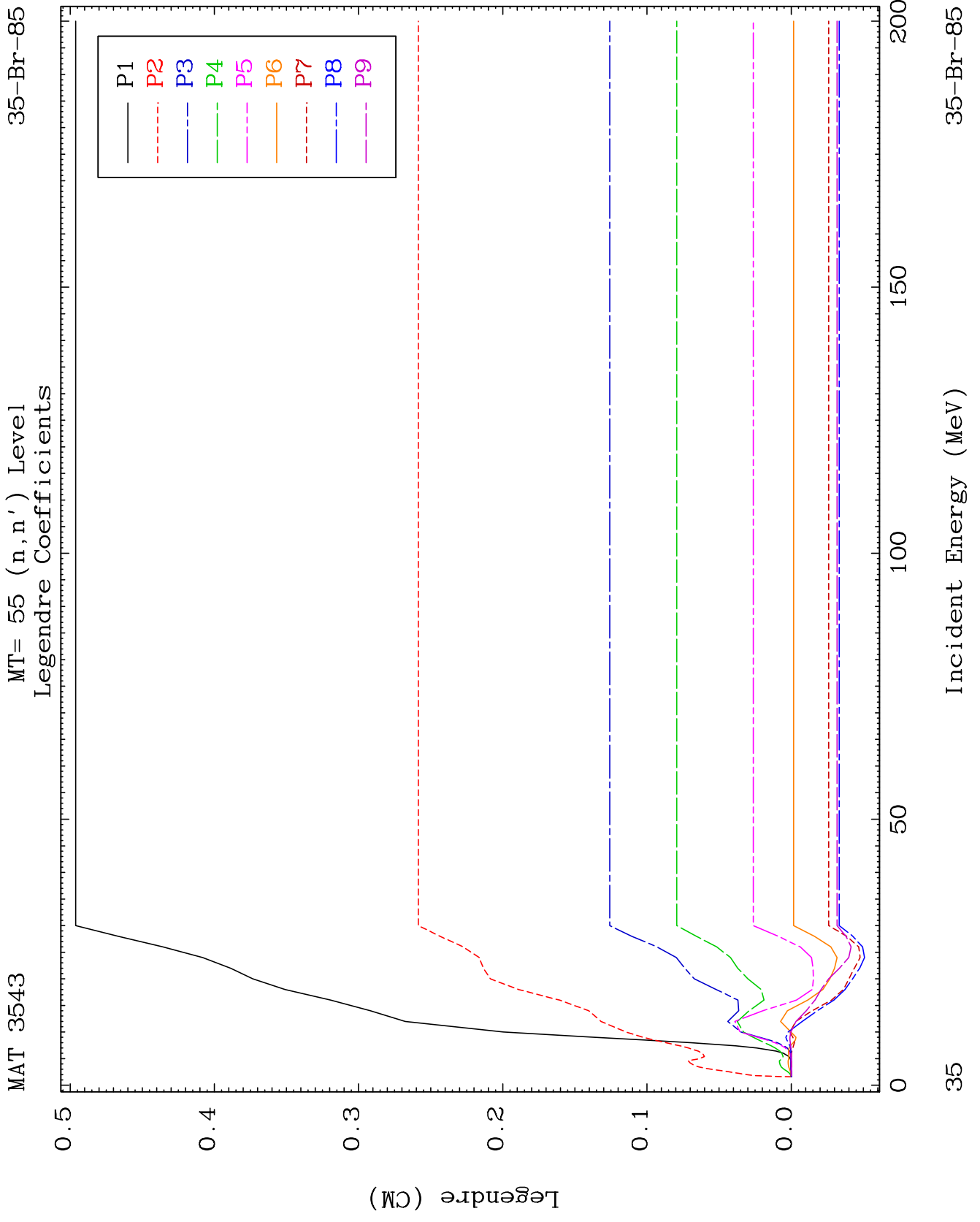
31









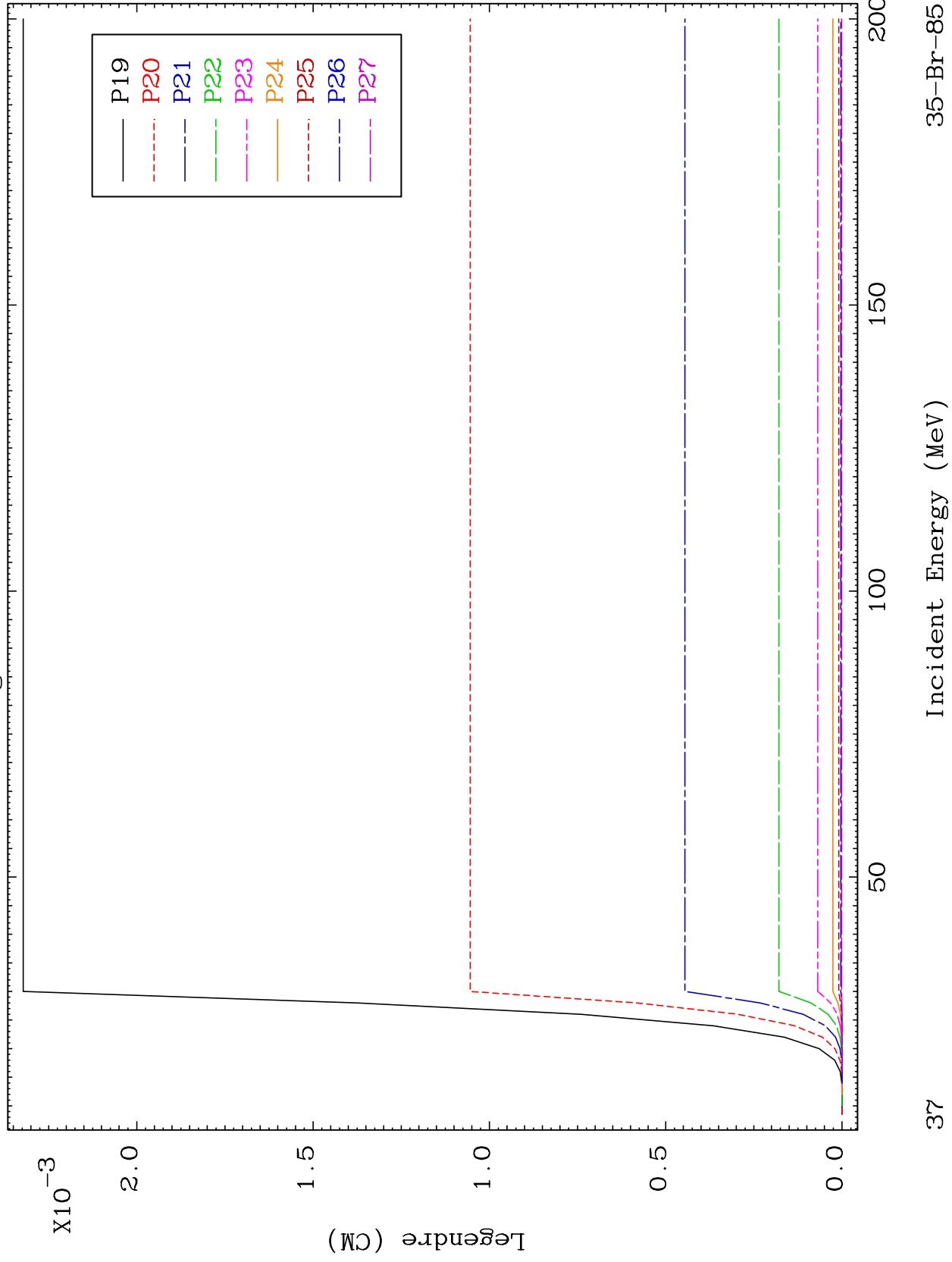




MAT 3543

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

35-Br-85



37

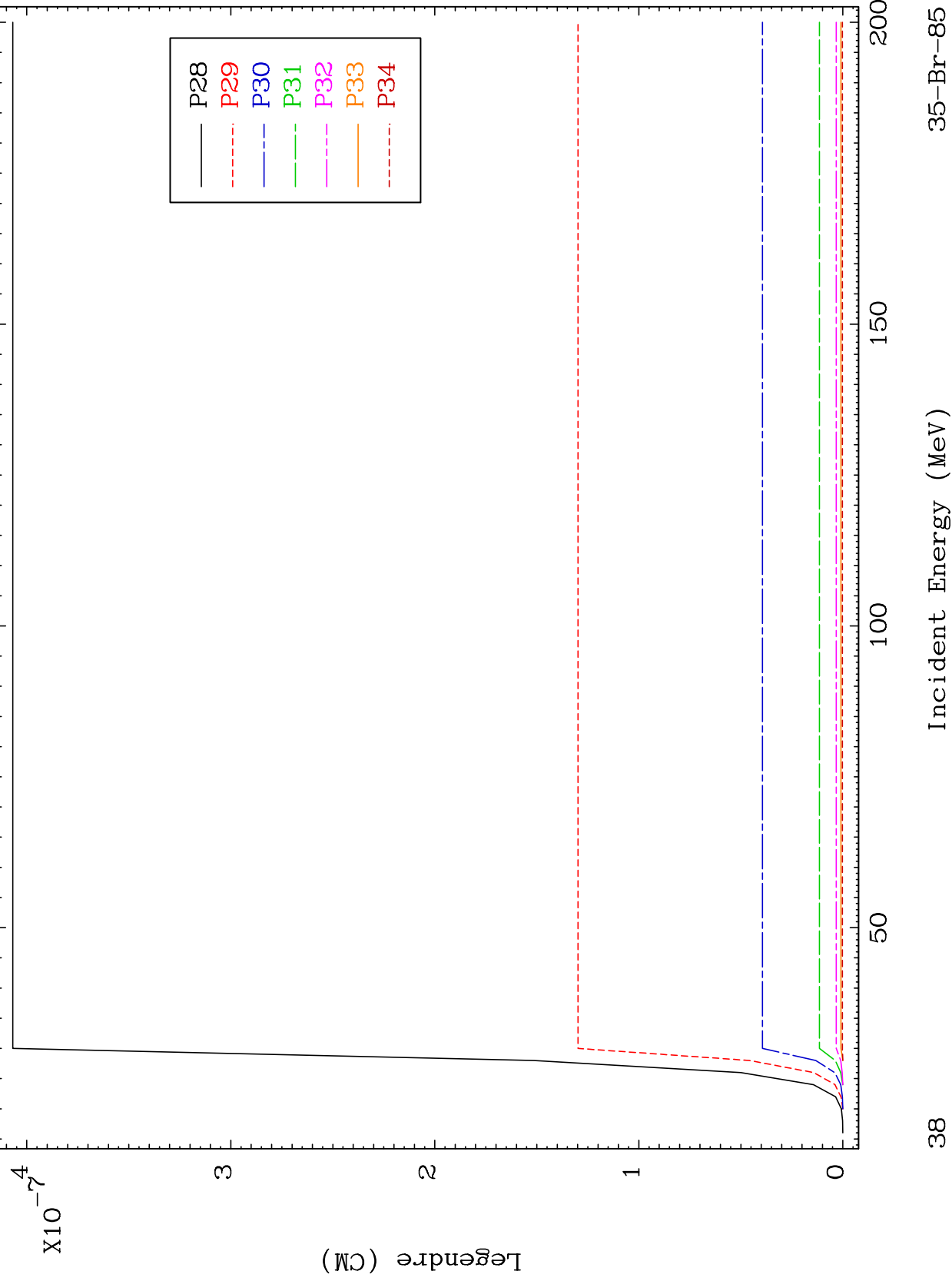
Incident Energy (MeV)

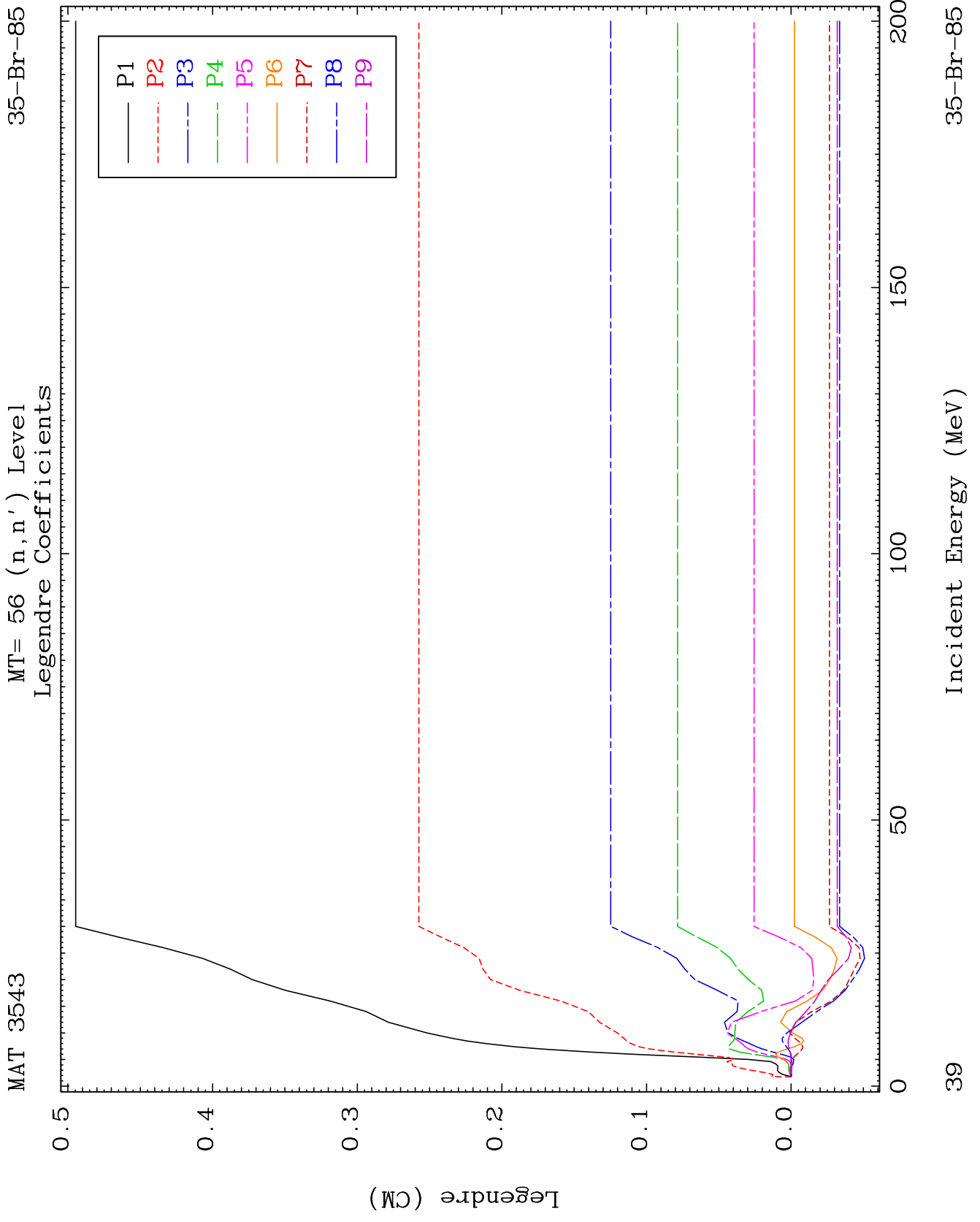
35-Br-85

MAT 3543

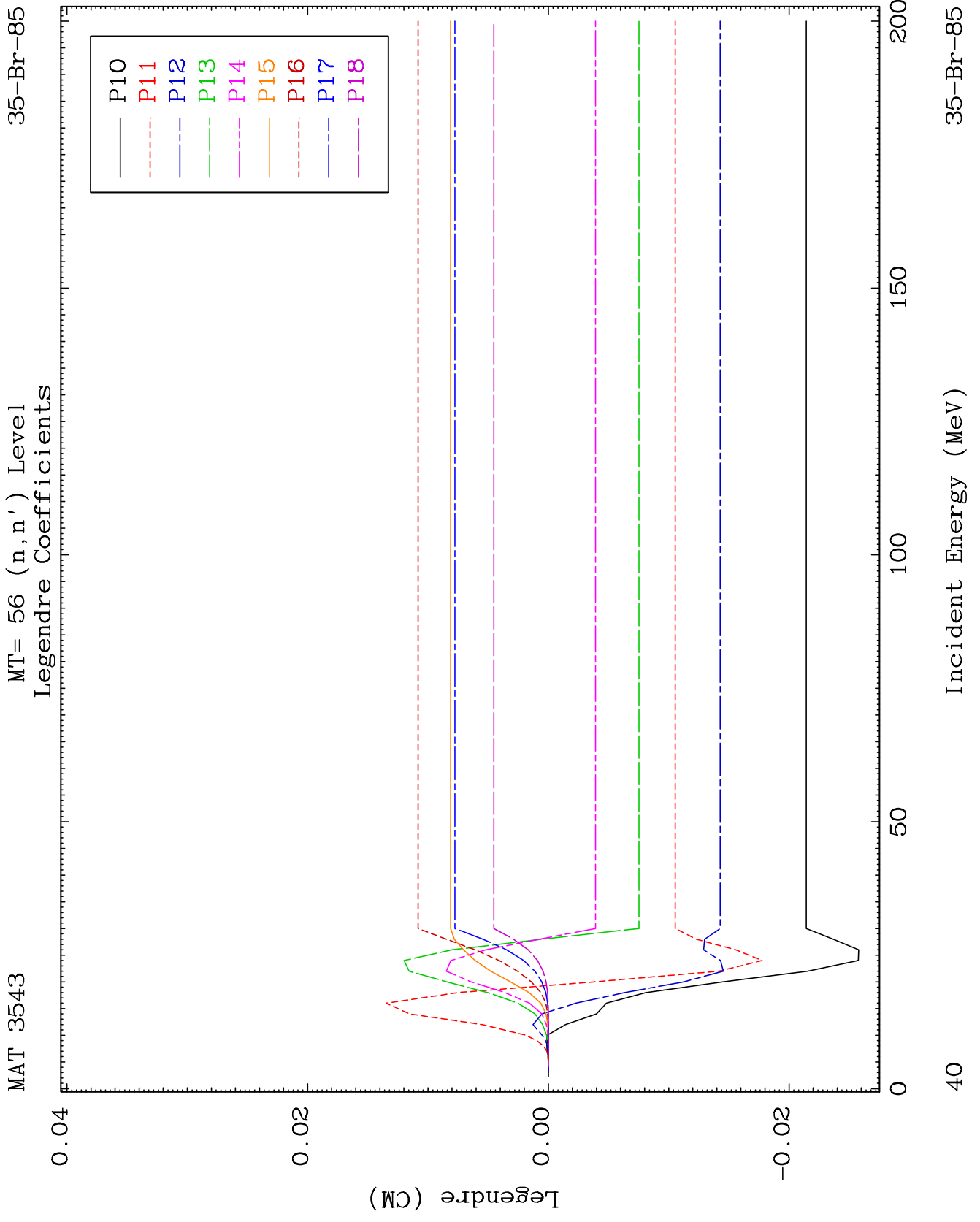
MT= 55 (n,n') Level  
Legendre Coefficients

35-Br-85





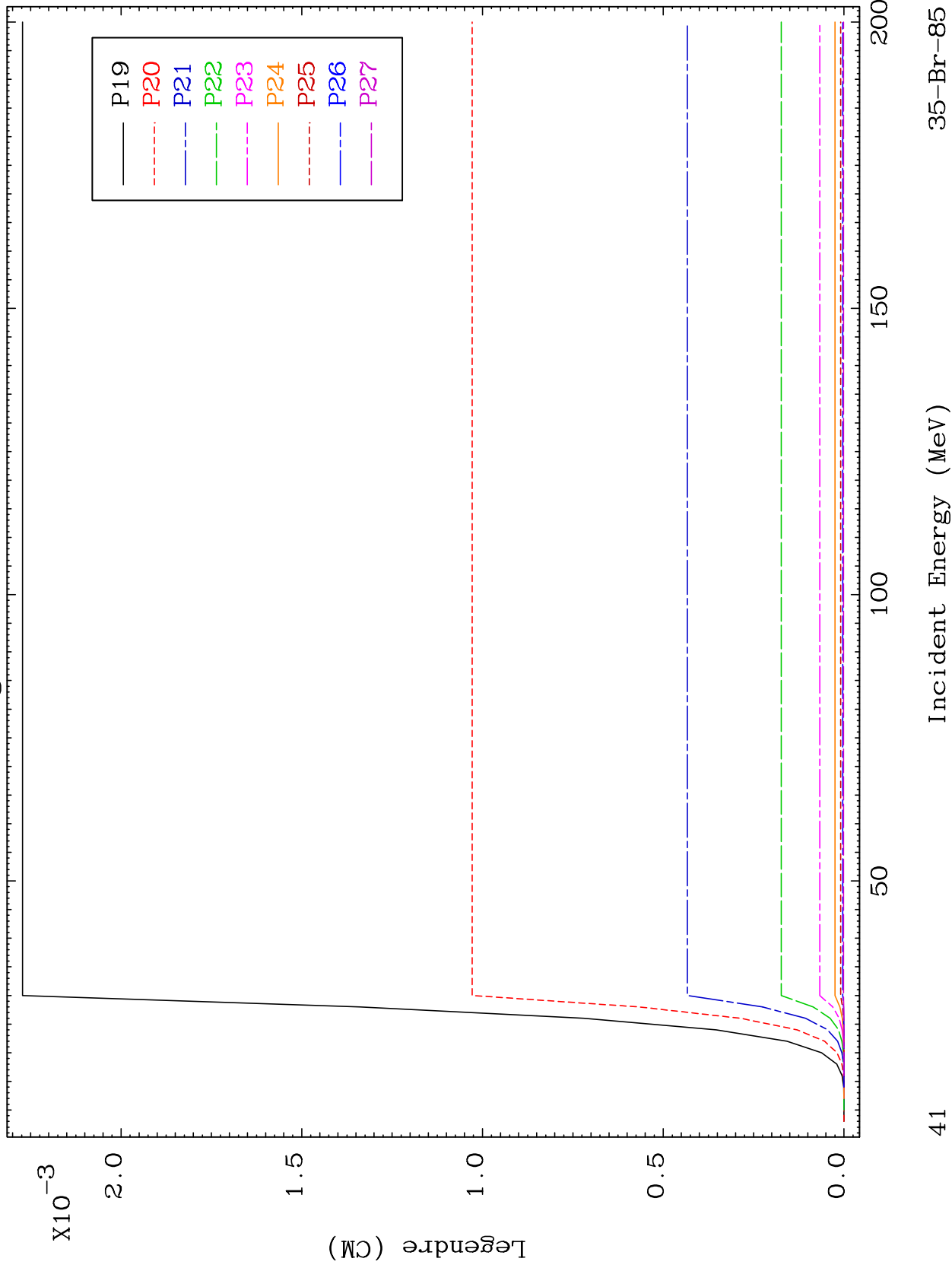




MAT 3543

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

35-Br-85



41

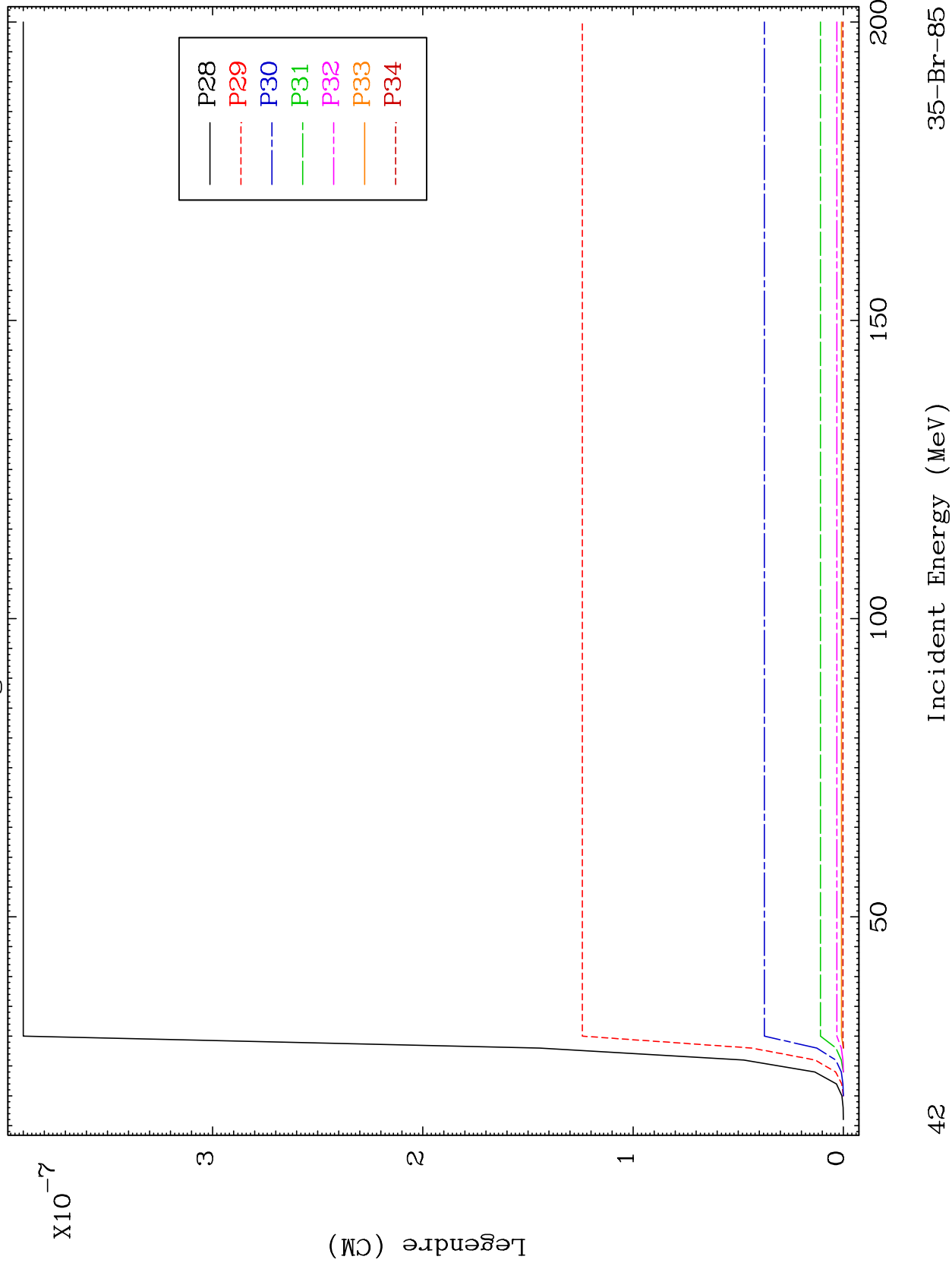
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



42

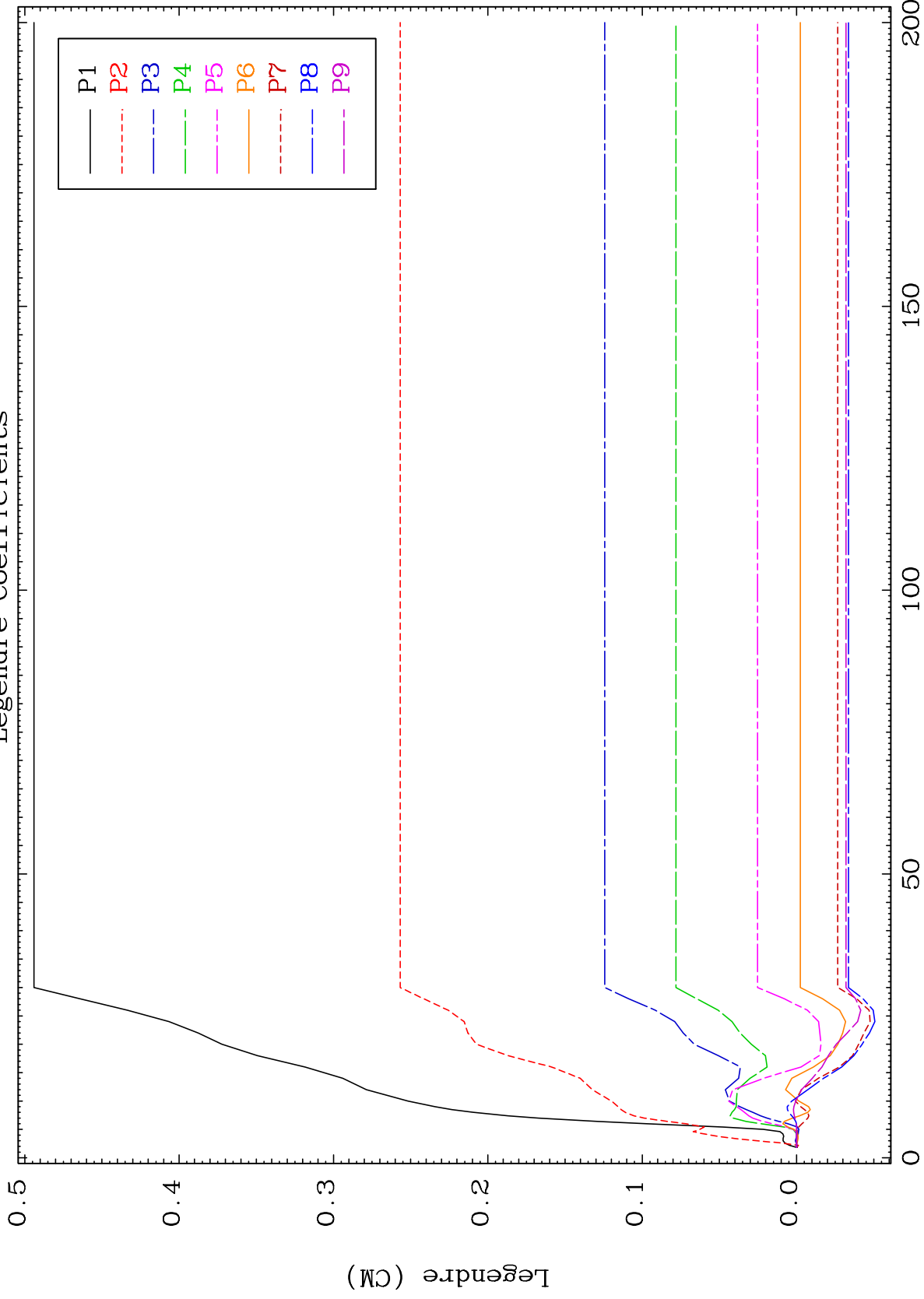
Incident Energy (MeV)

35-Br-85

MAT 3543

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

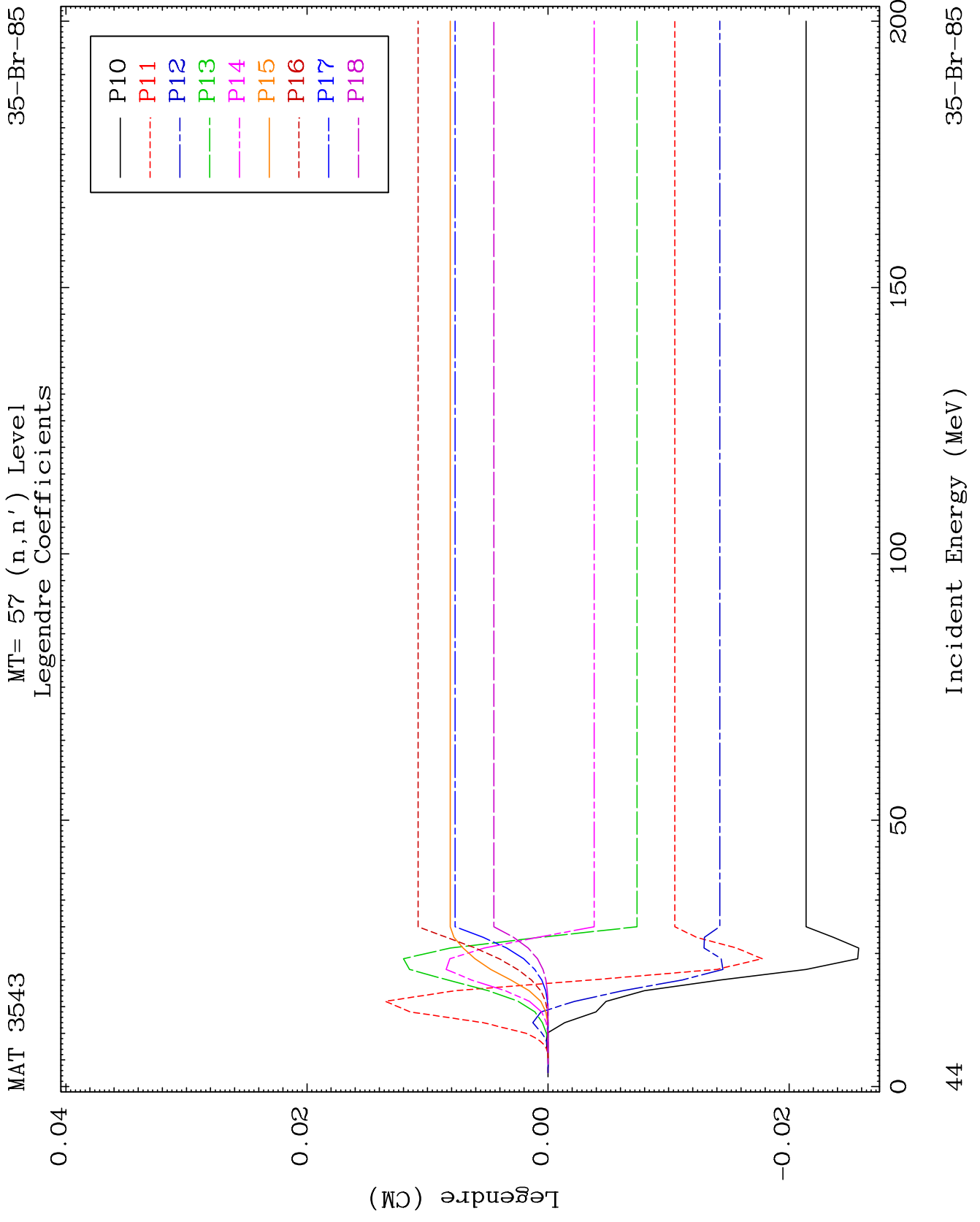
35-Br-85



43

Incident Energy (MeV)

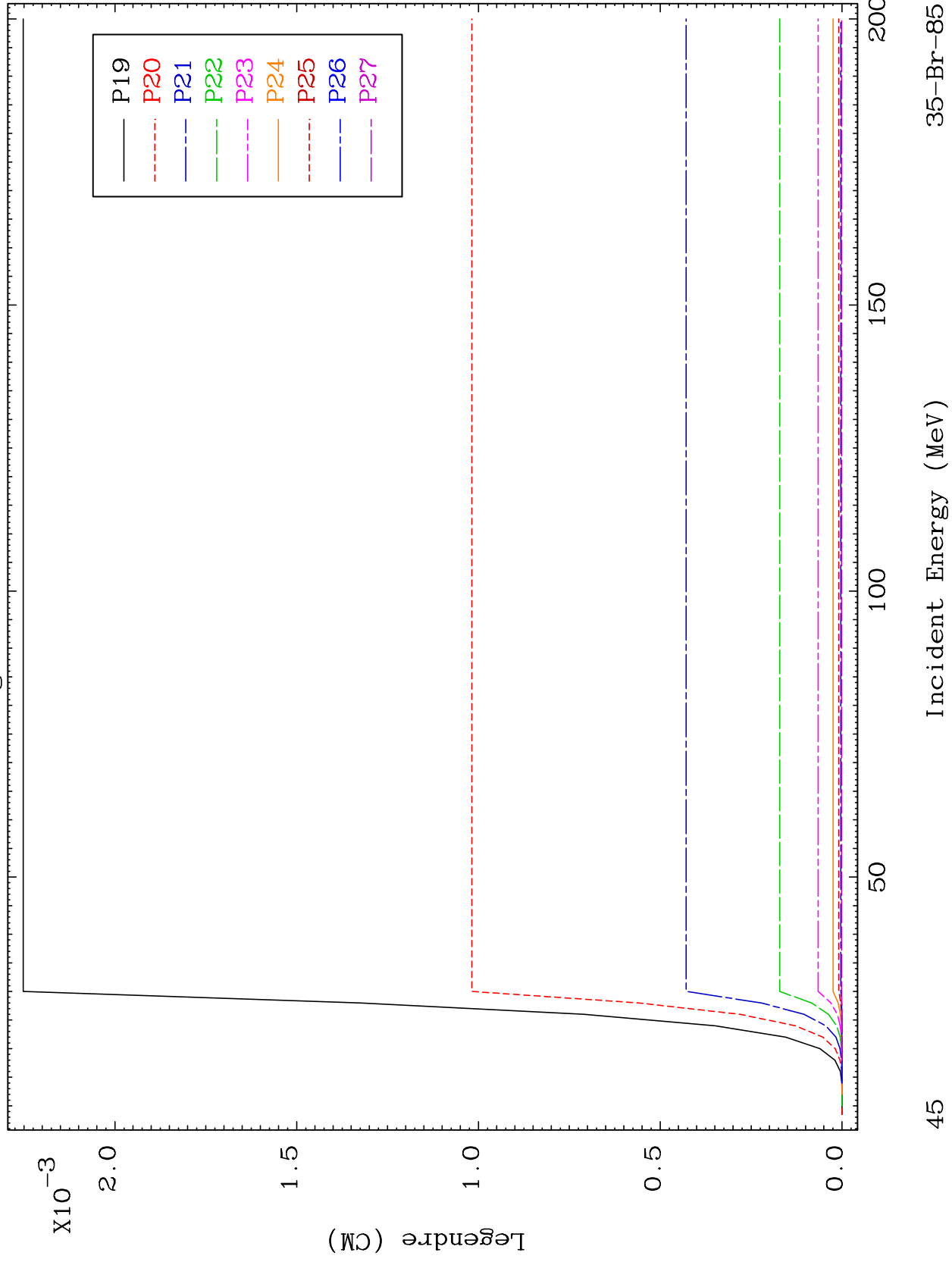
35-Br-85



MAT 3543

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

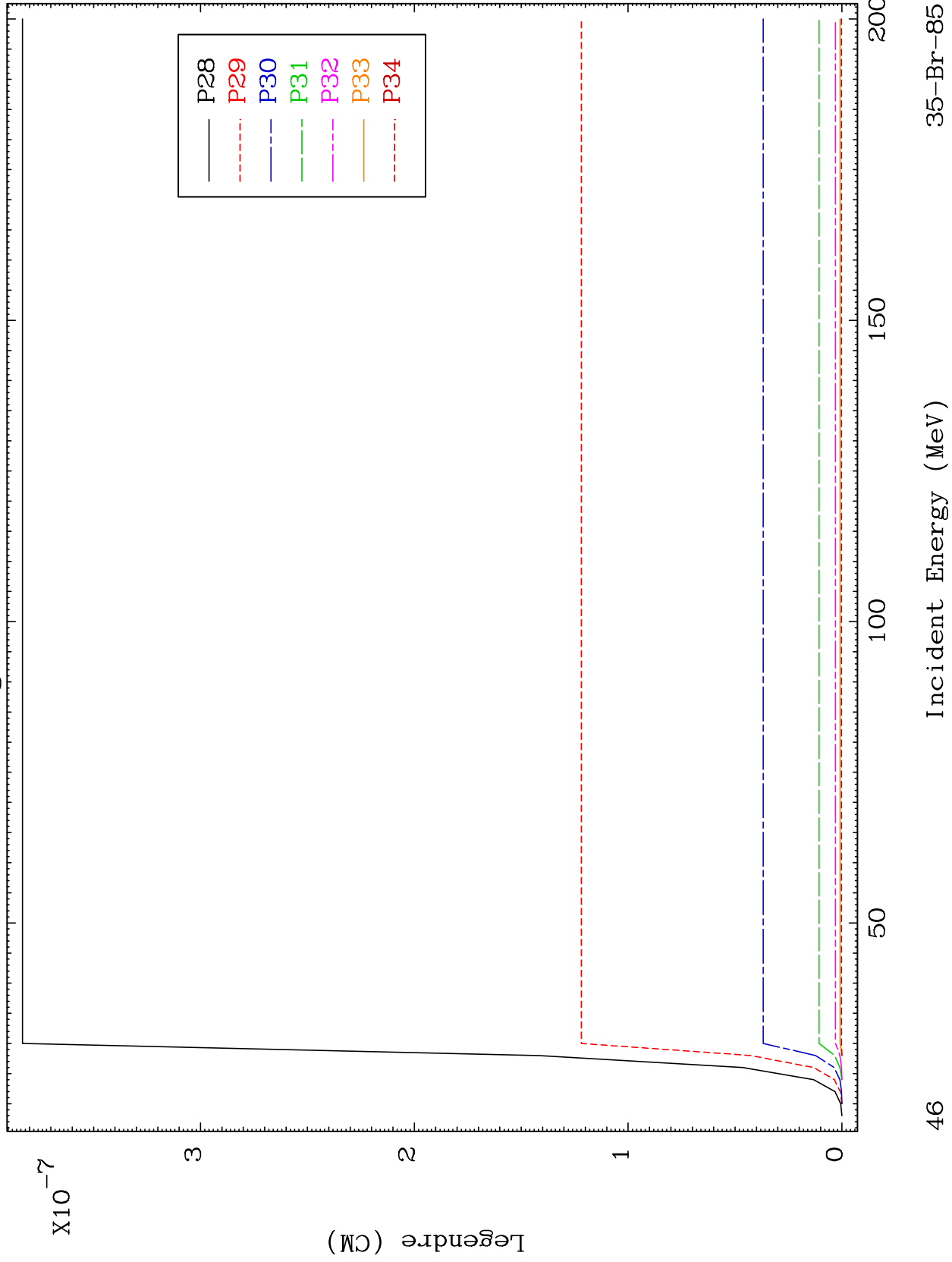
35-Br-85



MAT 3543

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

35-Br-85



46

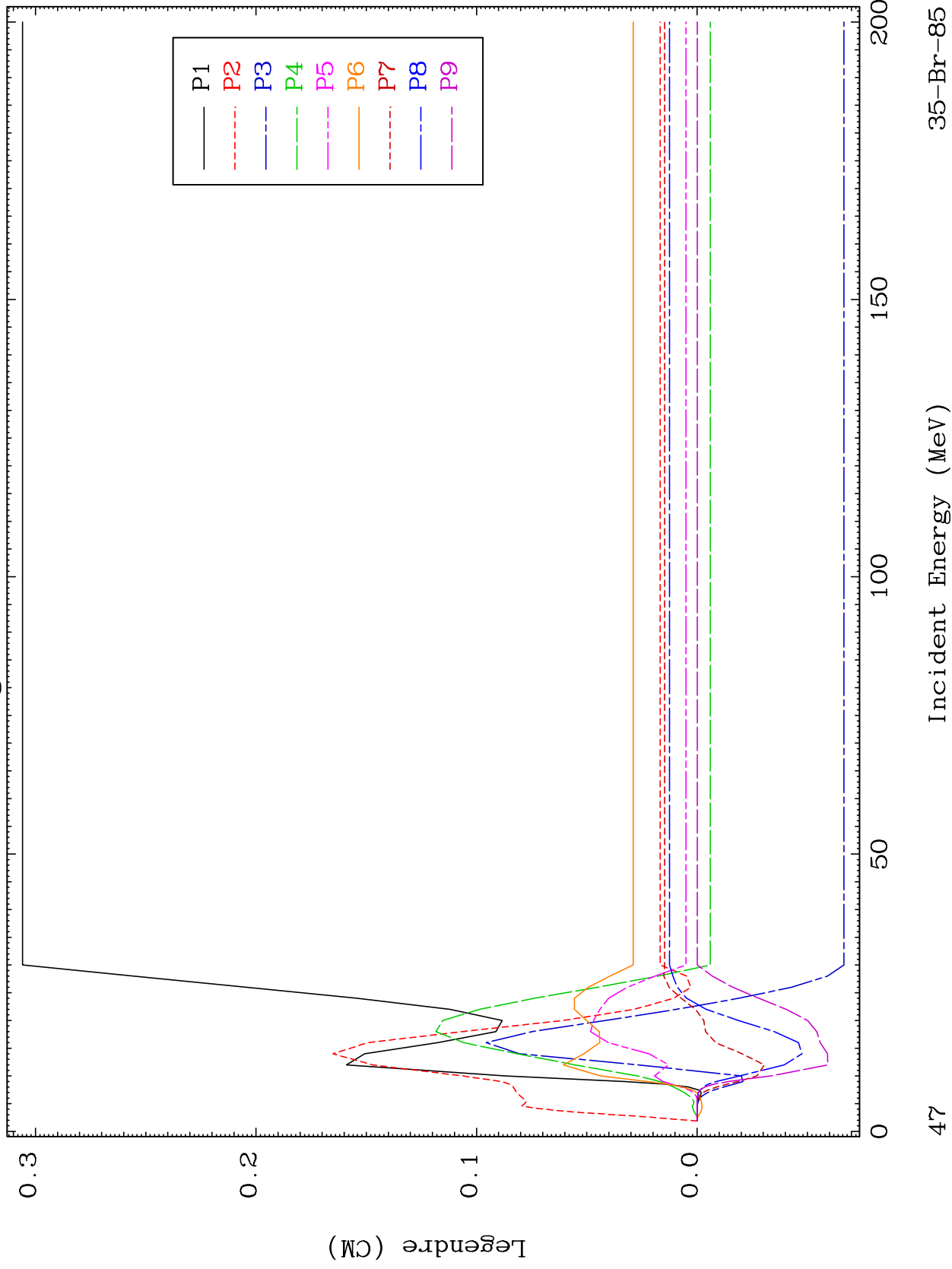
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



35-Br-85

Incident Energy (MeV)

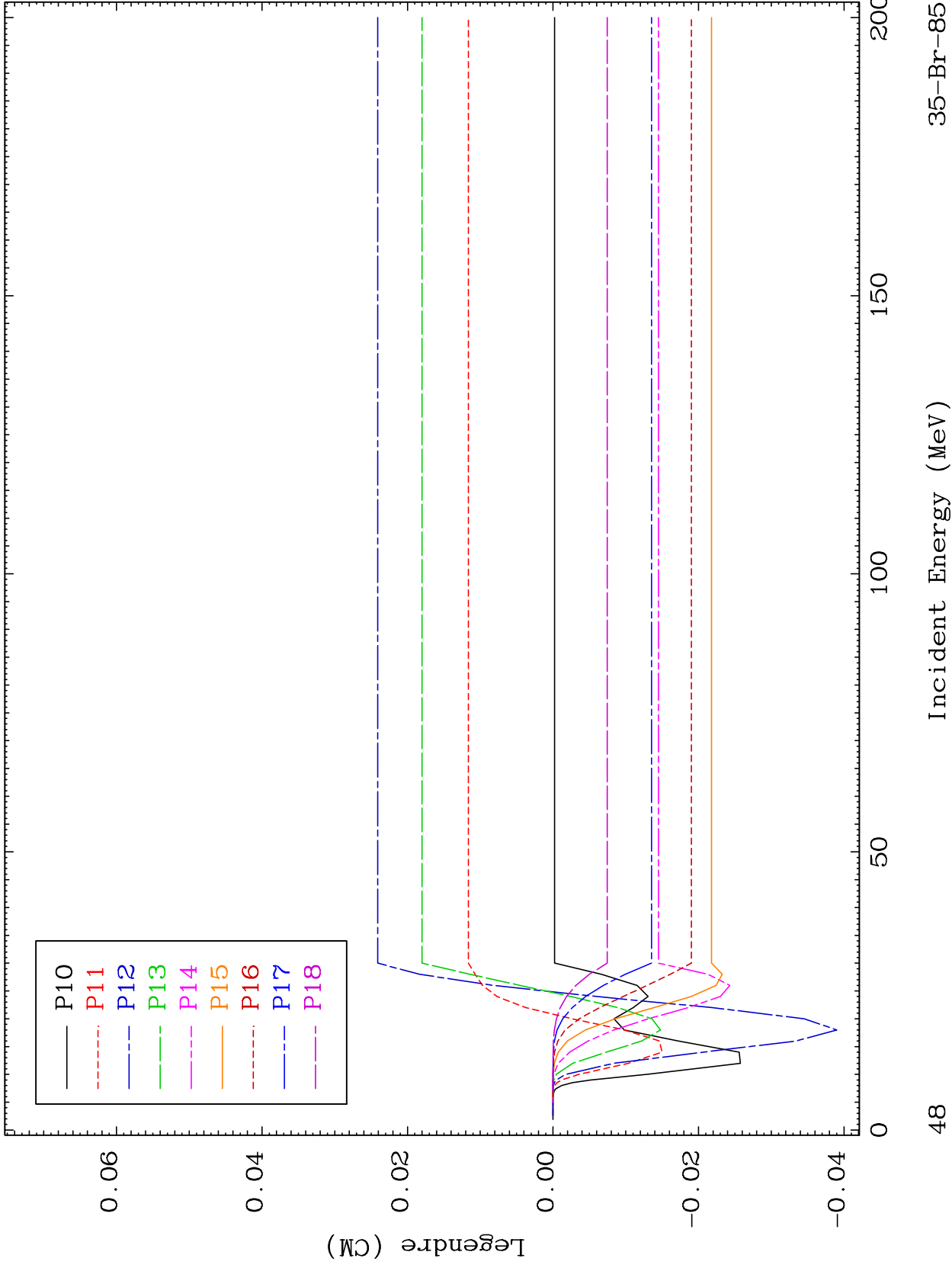
47



MAT 3543

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

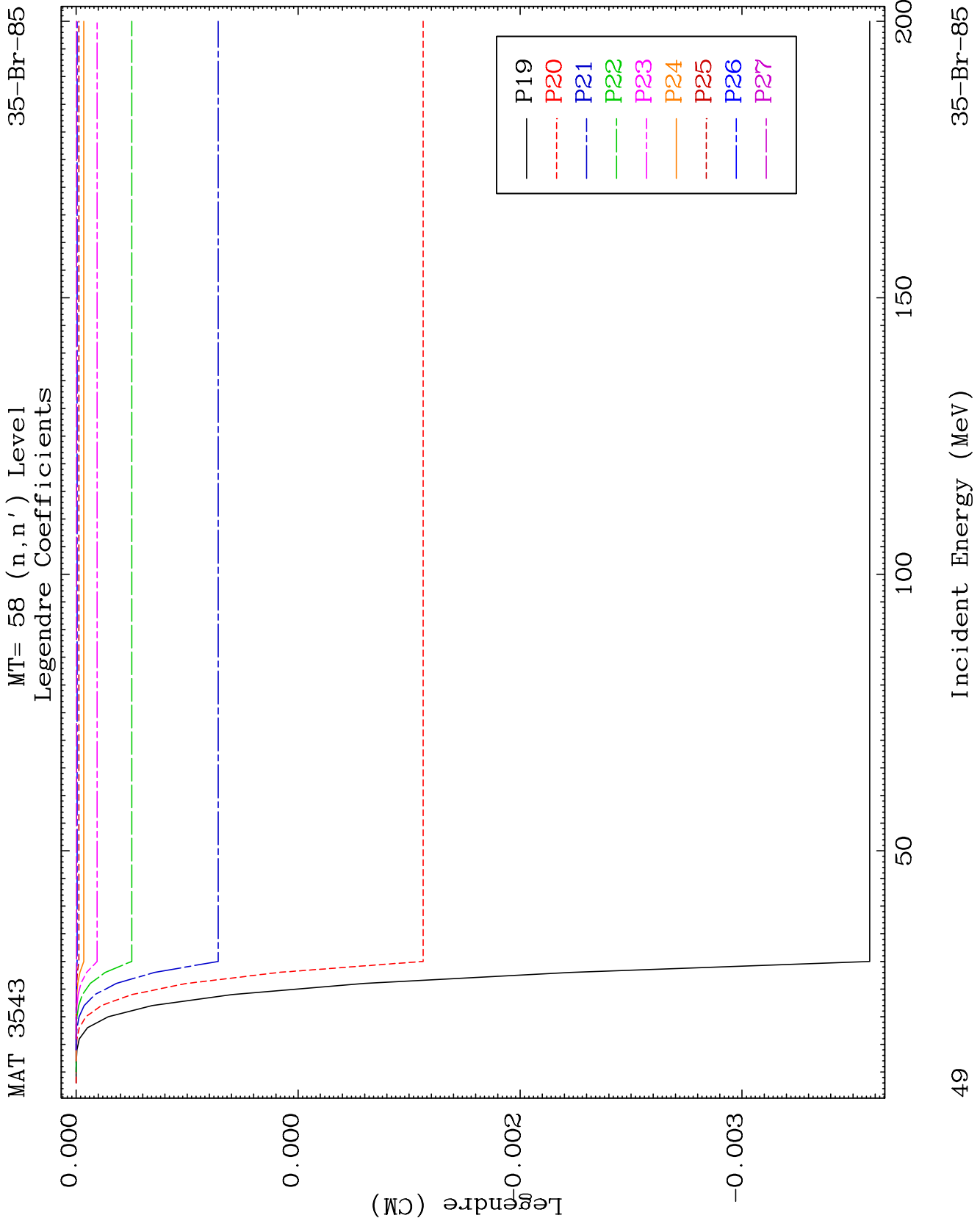
35-Br-85



48

Incident Energy (MeV)

35-Br-85

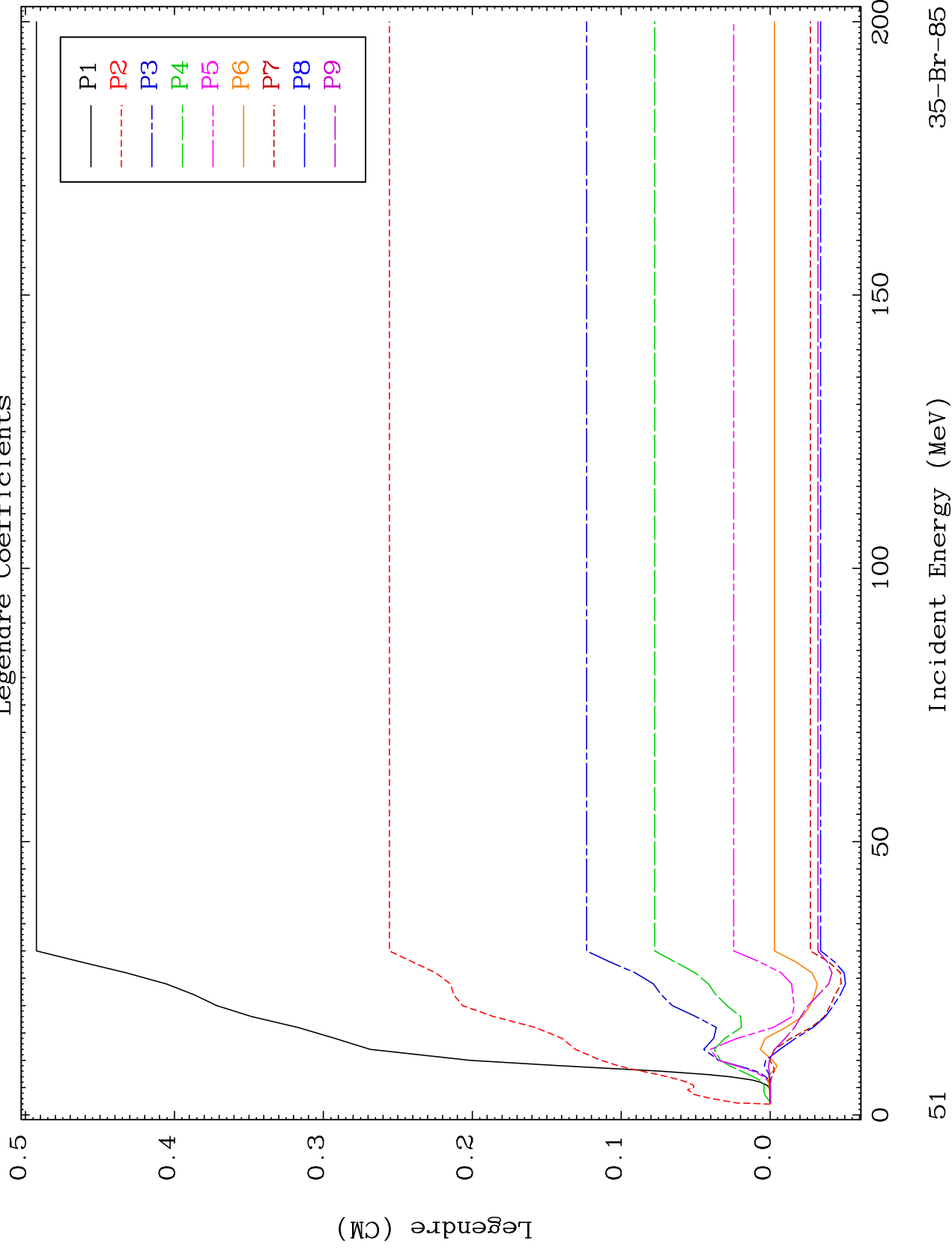




MAT 3543

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

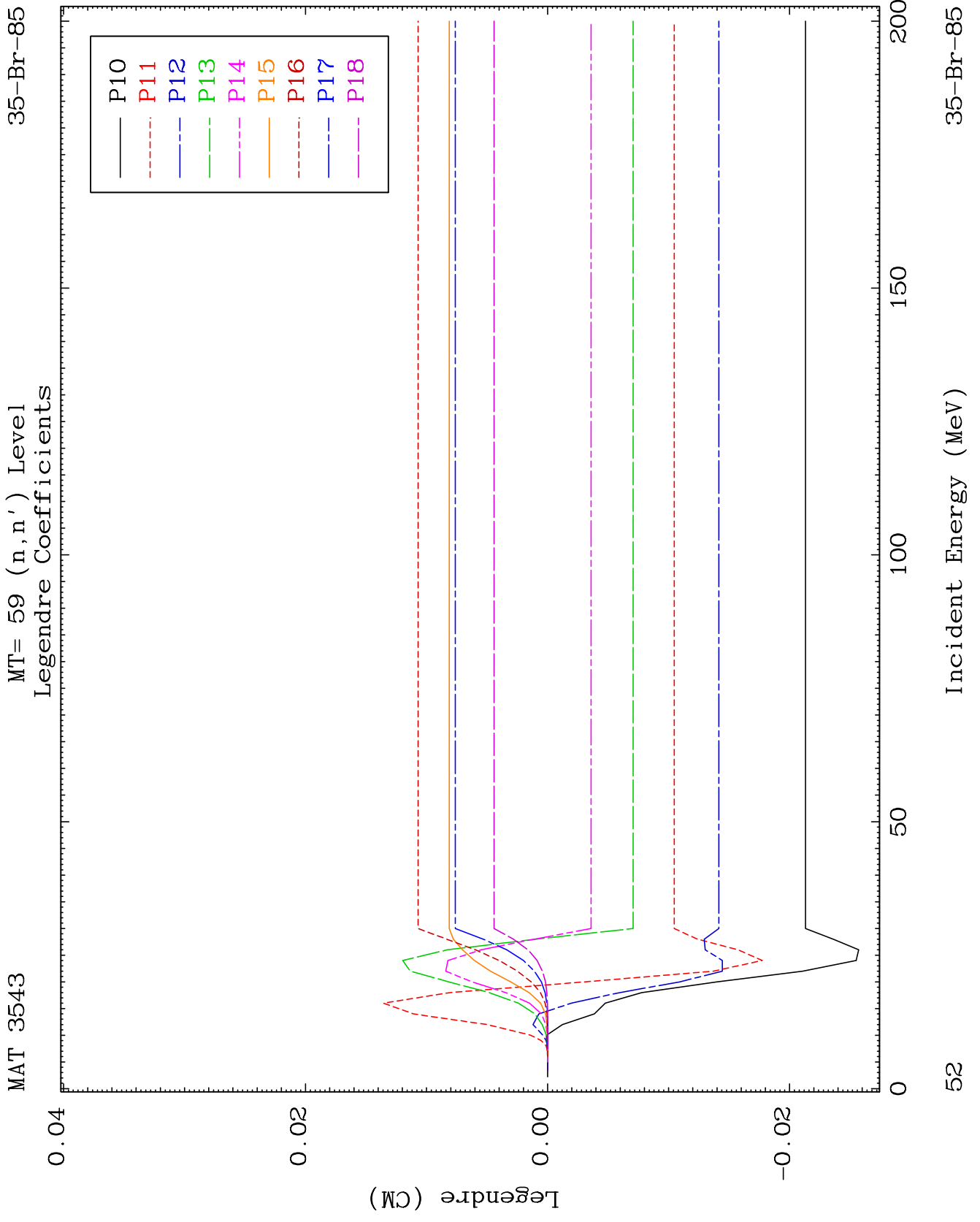
35-Br-85



51

Incident Energy (MeV)

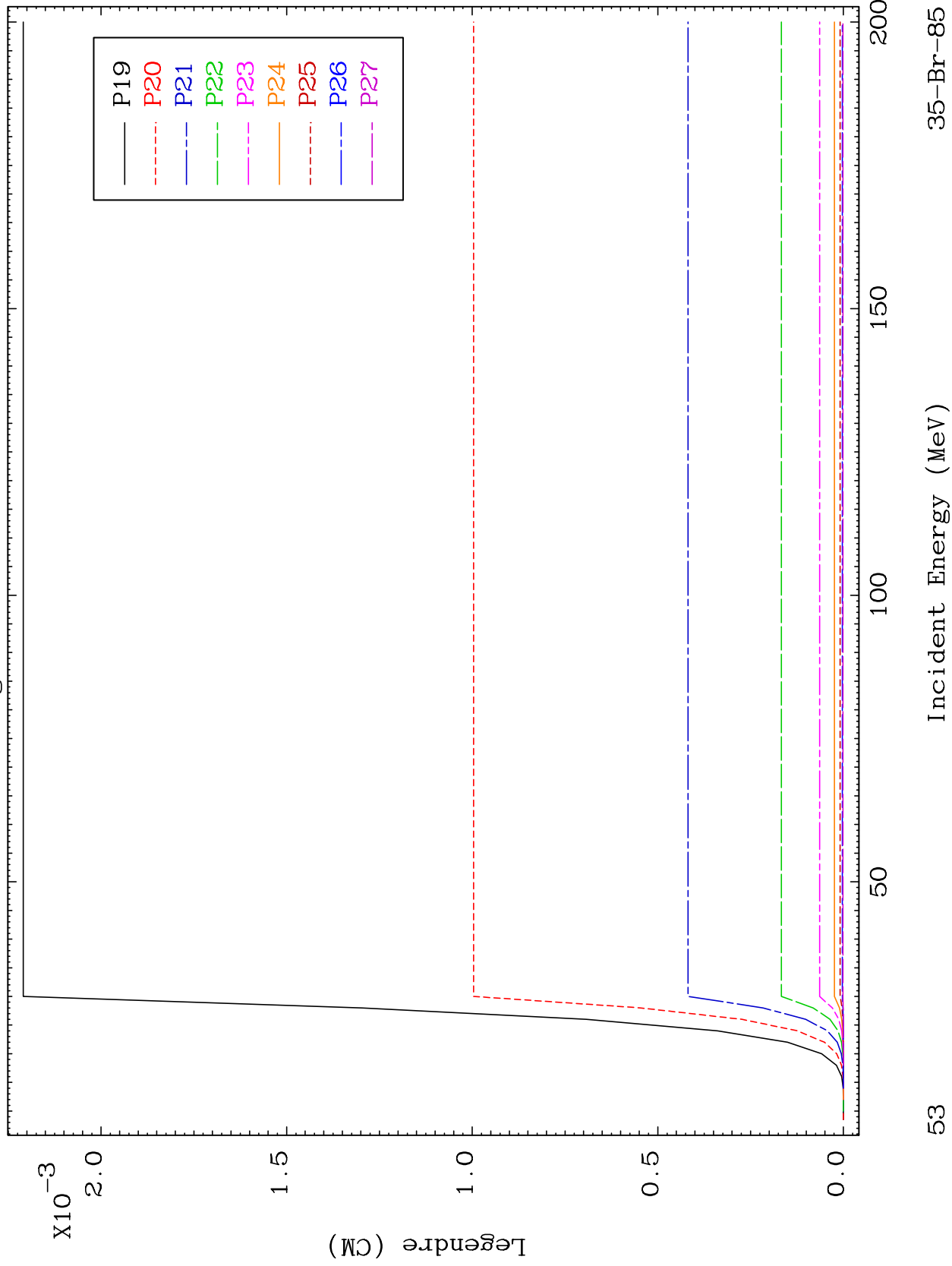
35-Br-85



MAT 3543

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

35-Br-85



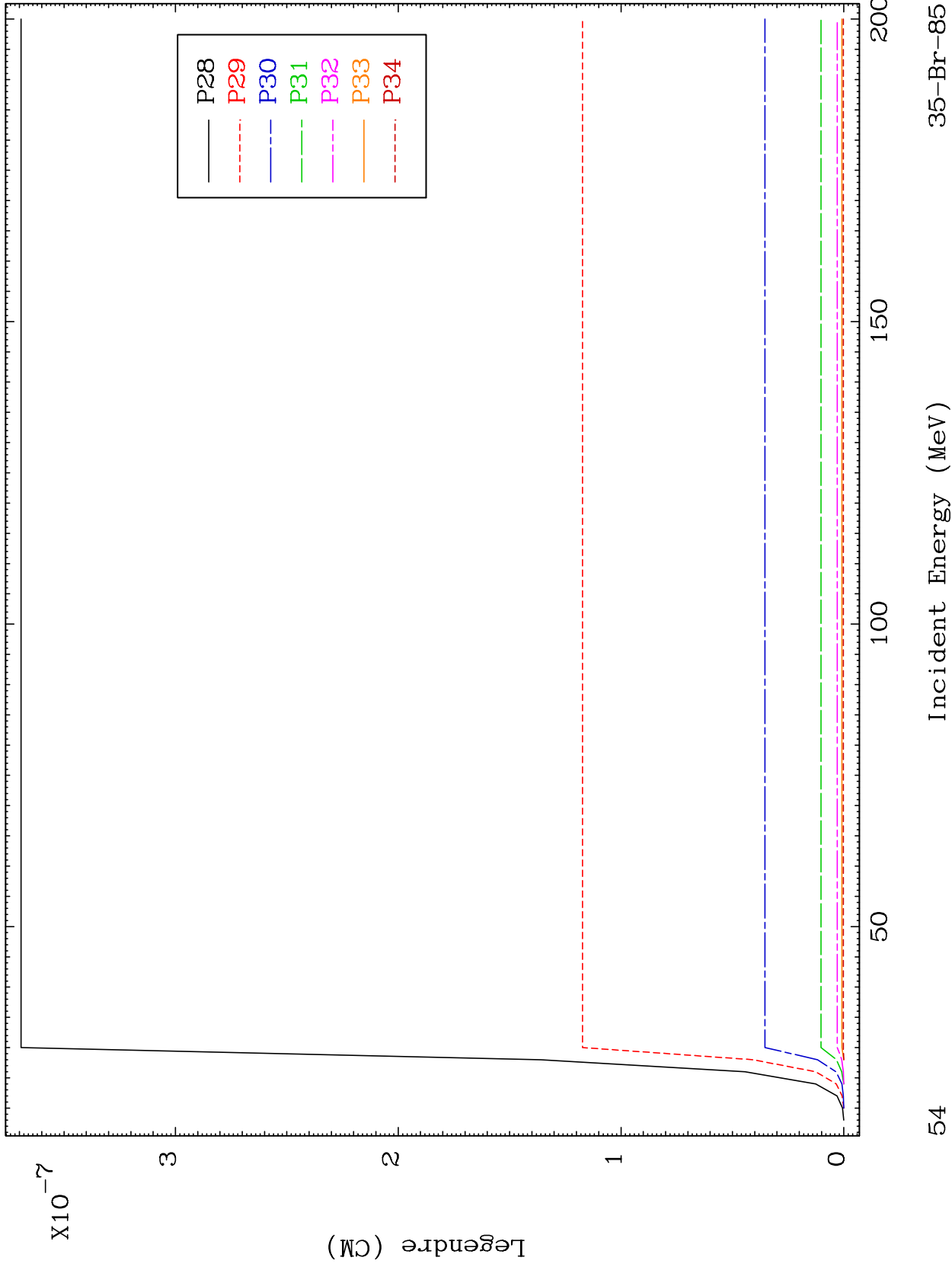
53

35-Br-85

MAT 3543

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

35-Br-85



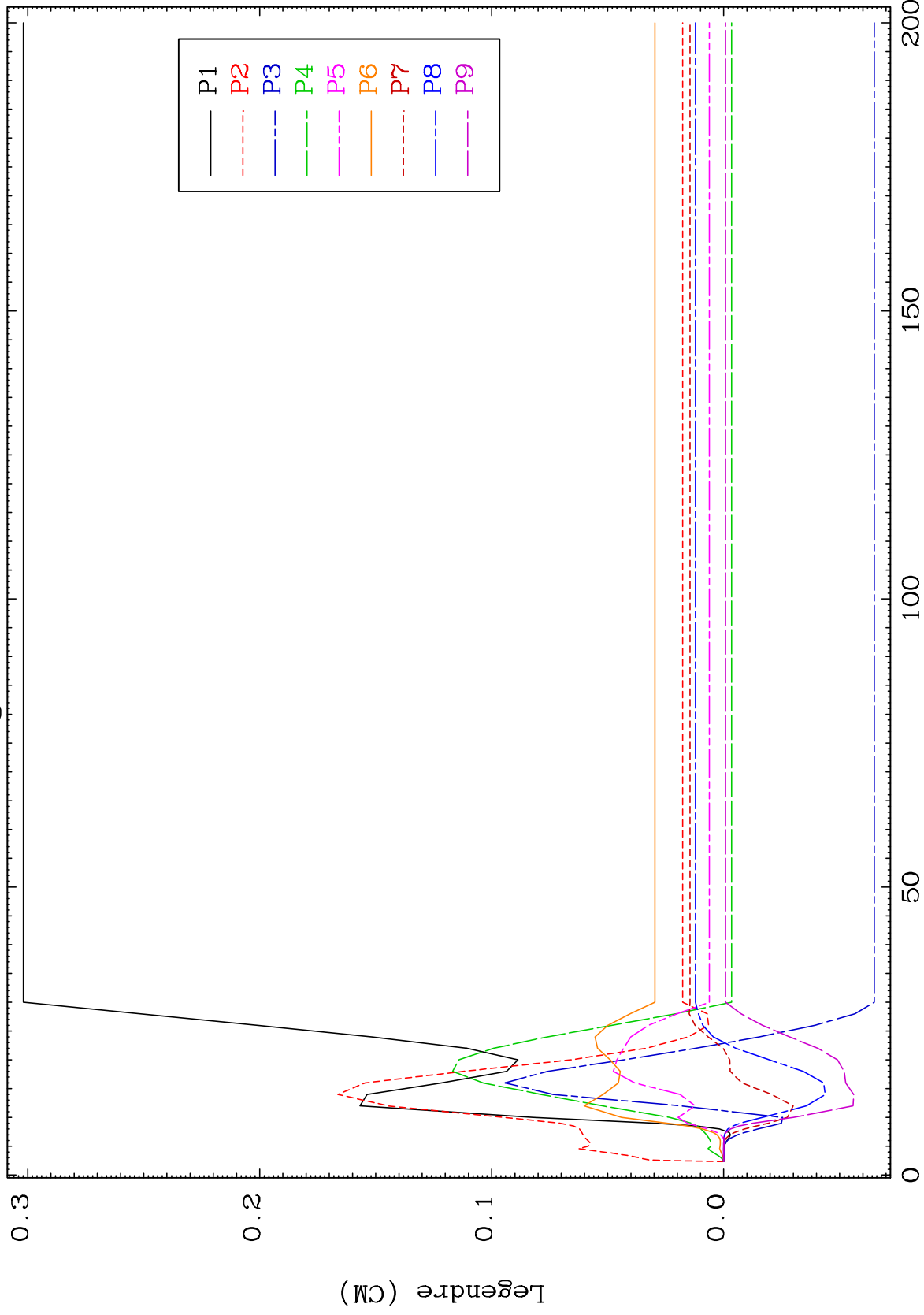
54

35-Br-85

MAT 3543

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

35-Br-85



55

Incident Energy (MeV)

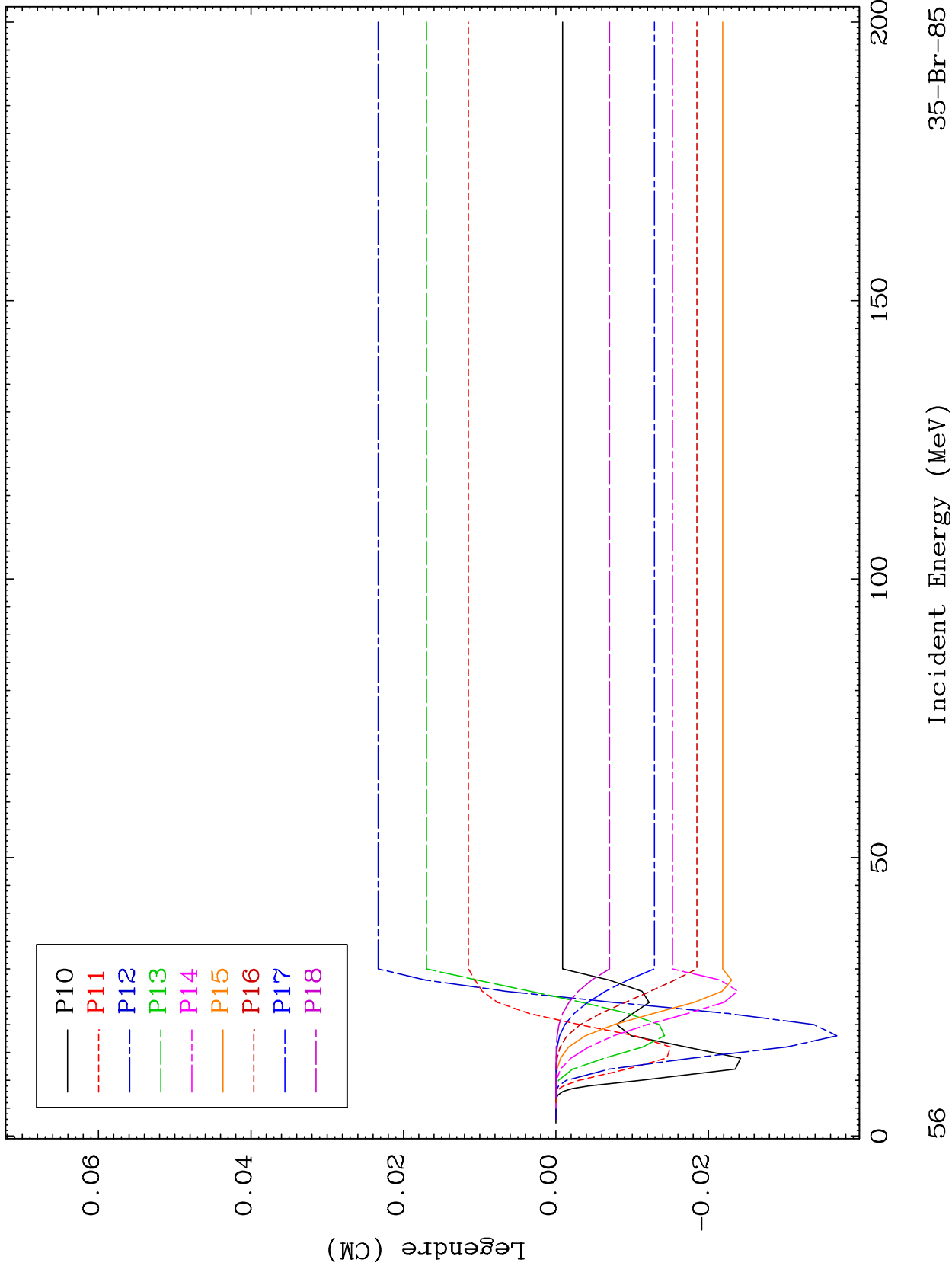
35-Br-85



MAT 3543

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

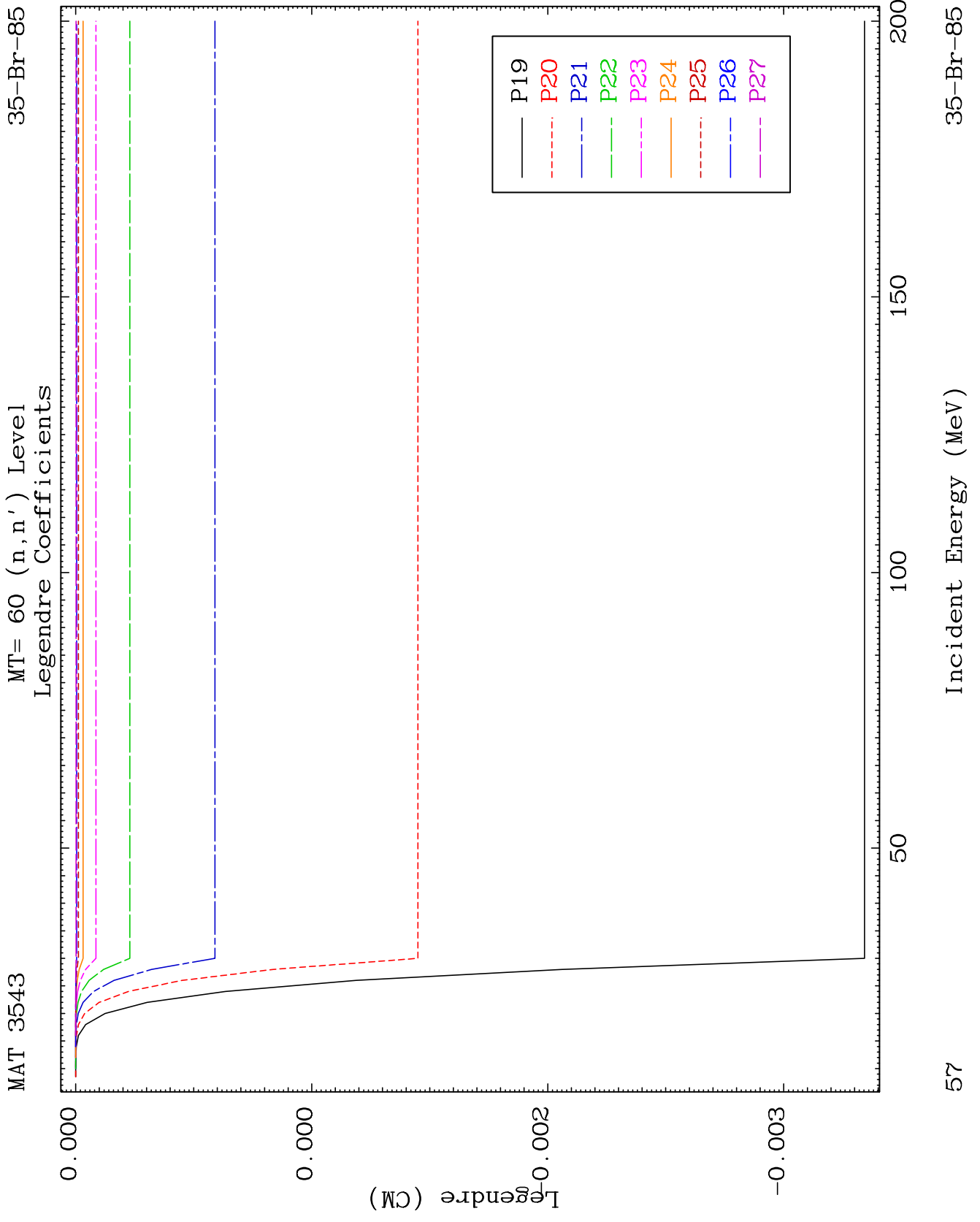
35-Br-85

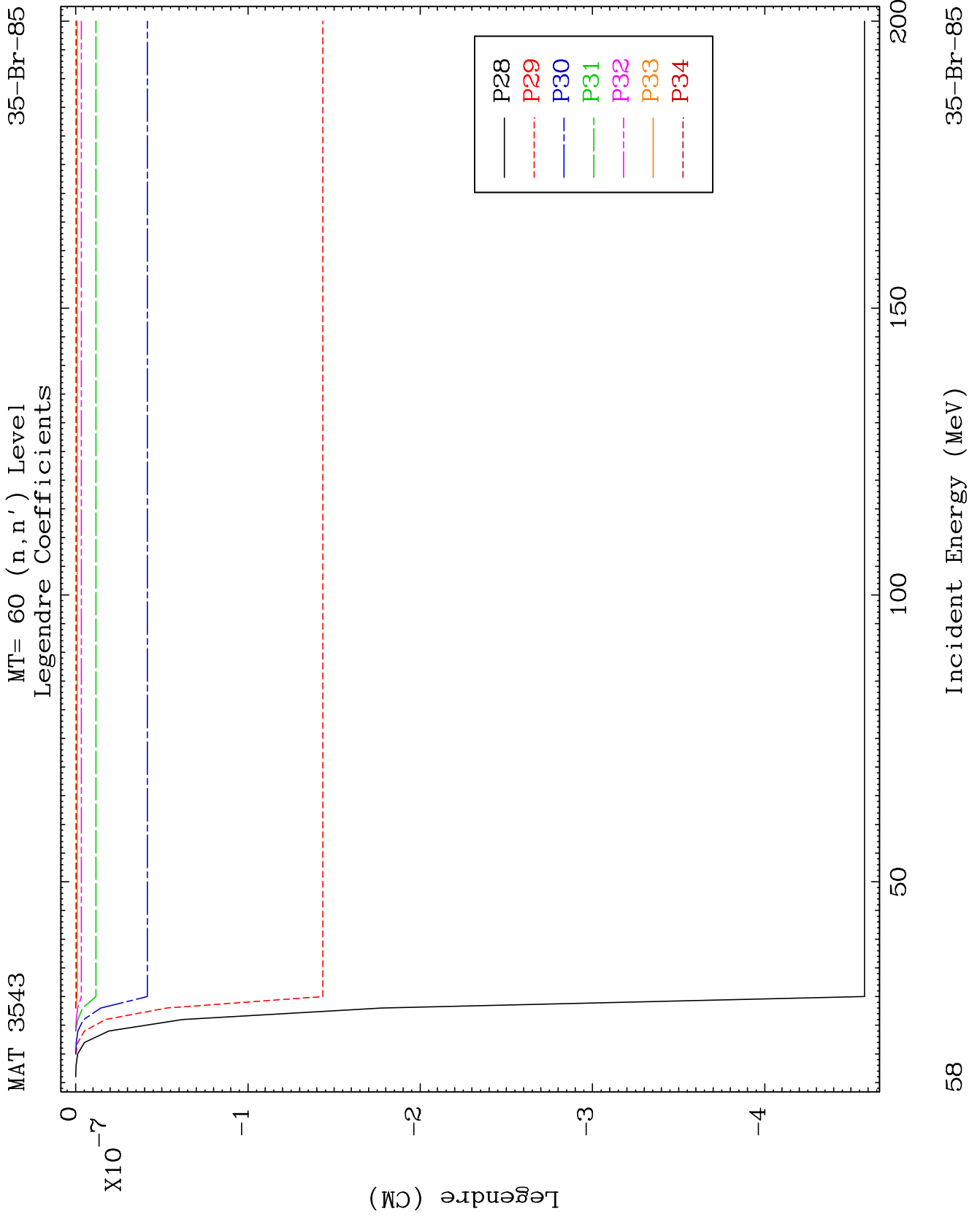


56

Incident Energy (MeV)

35-Br-85

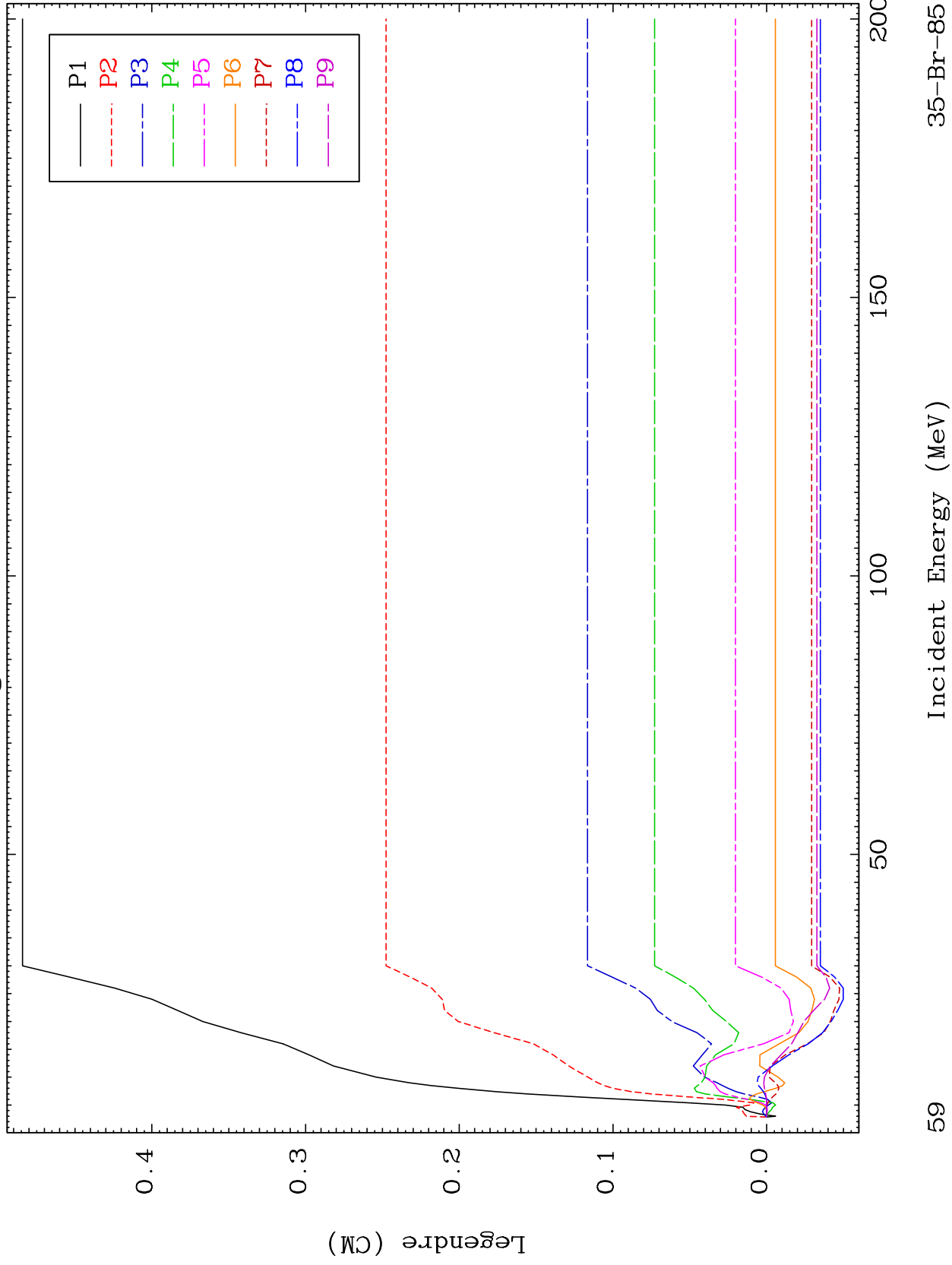




MAT 3543

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

35-Br-85



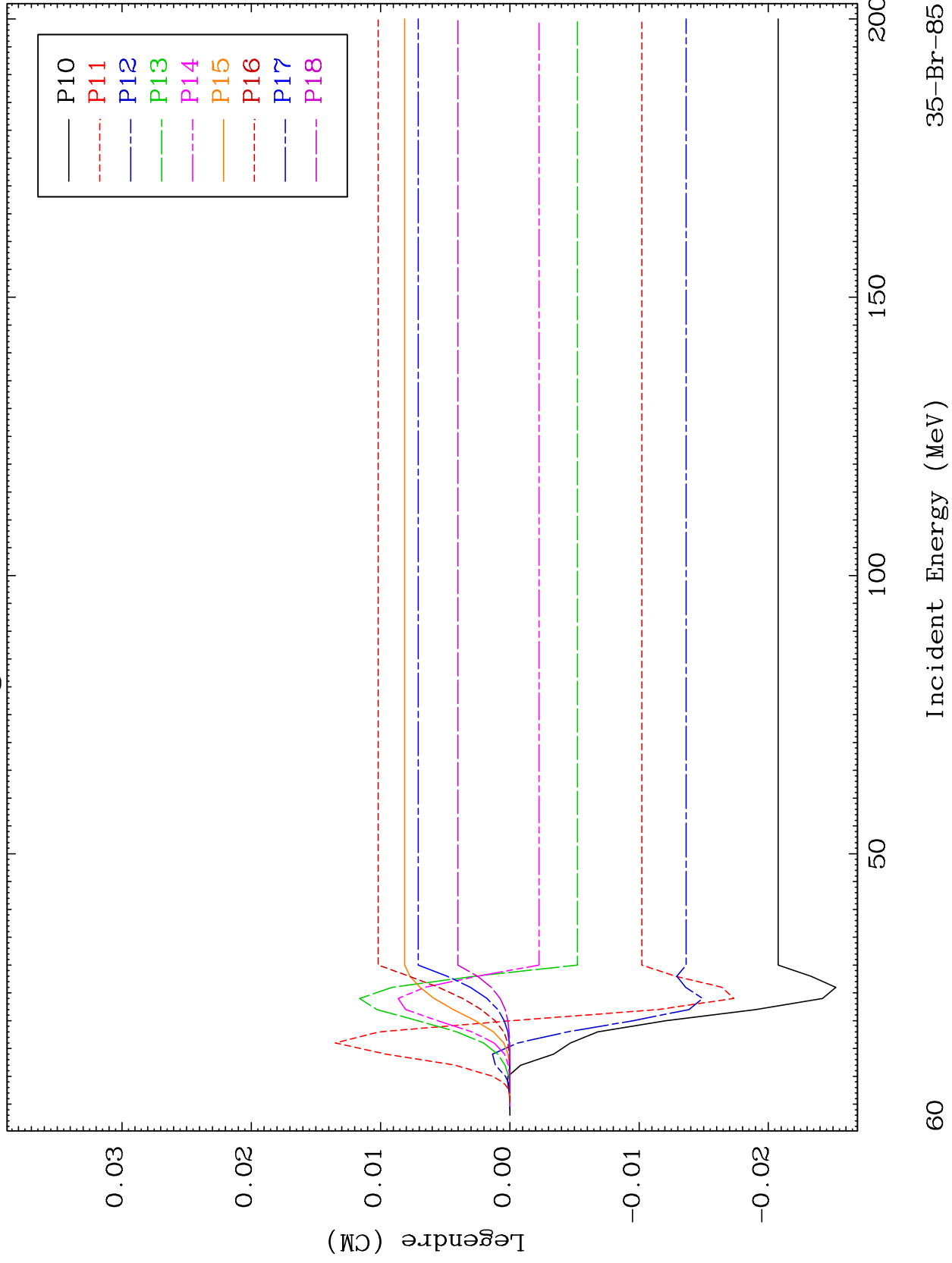
59

35-Br-85

MAT 3543

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

35-Br-85



60

Incident Energy (MeV)

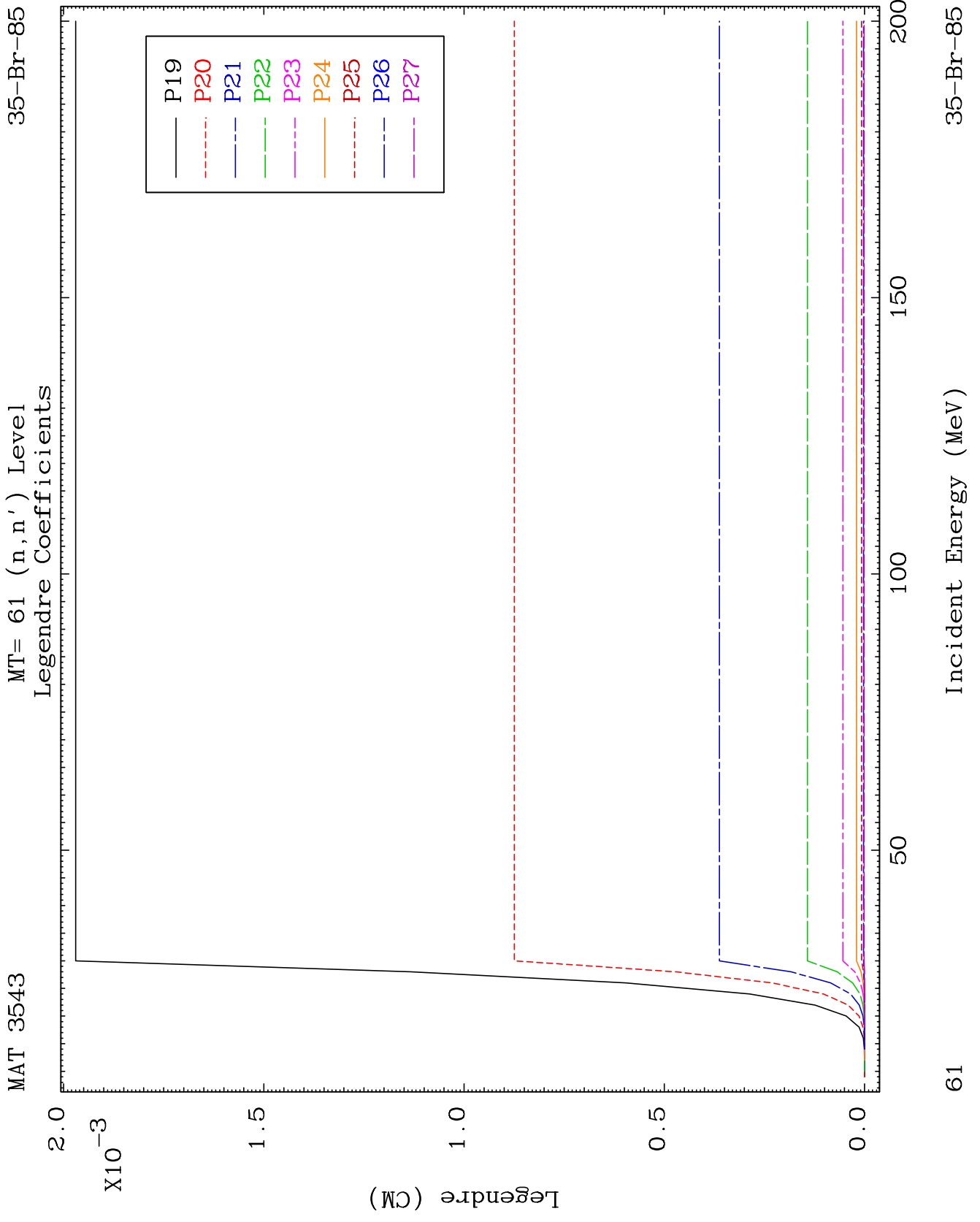
50

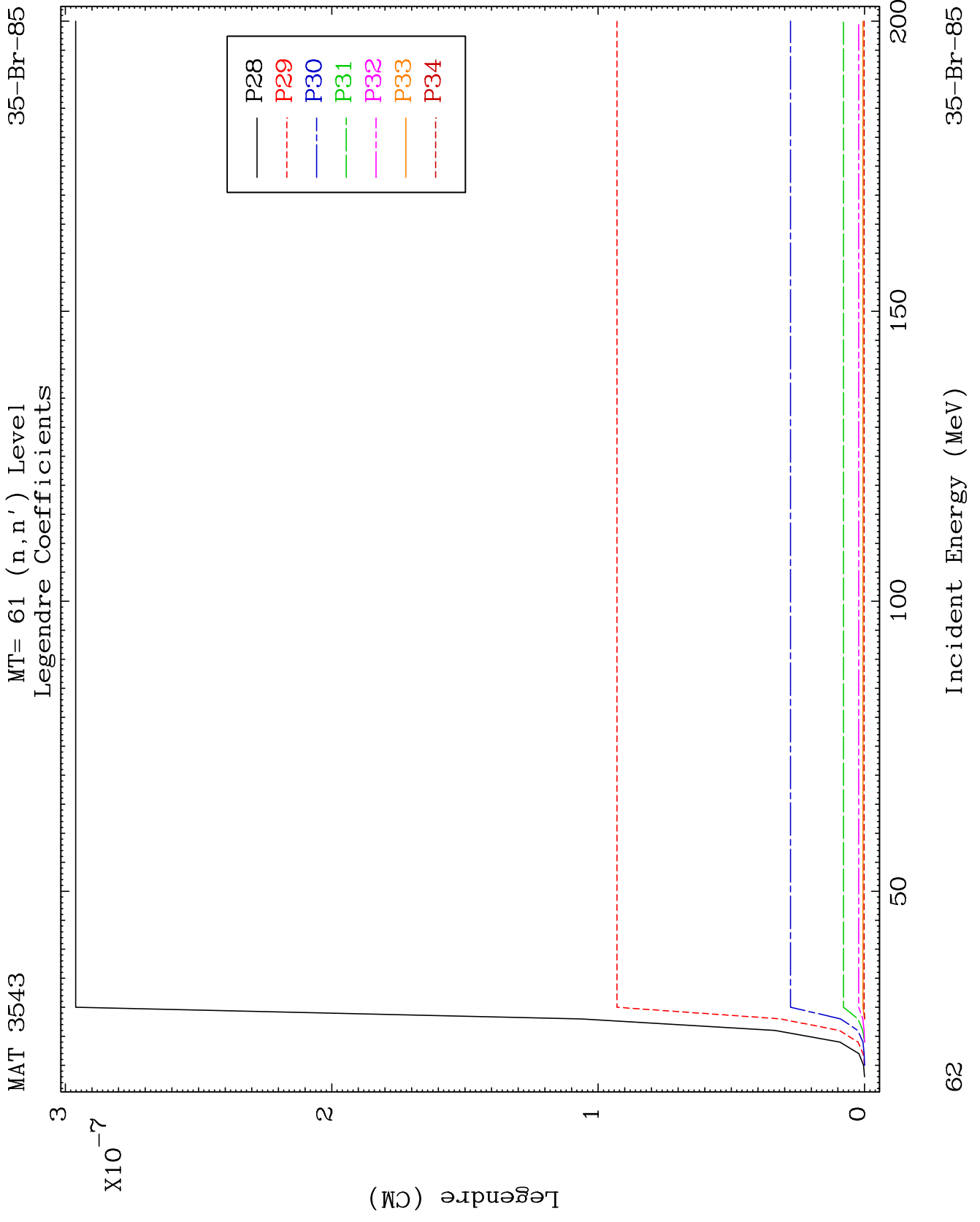
100

150

200

35-Br-85

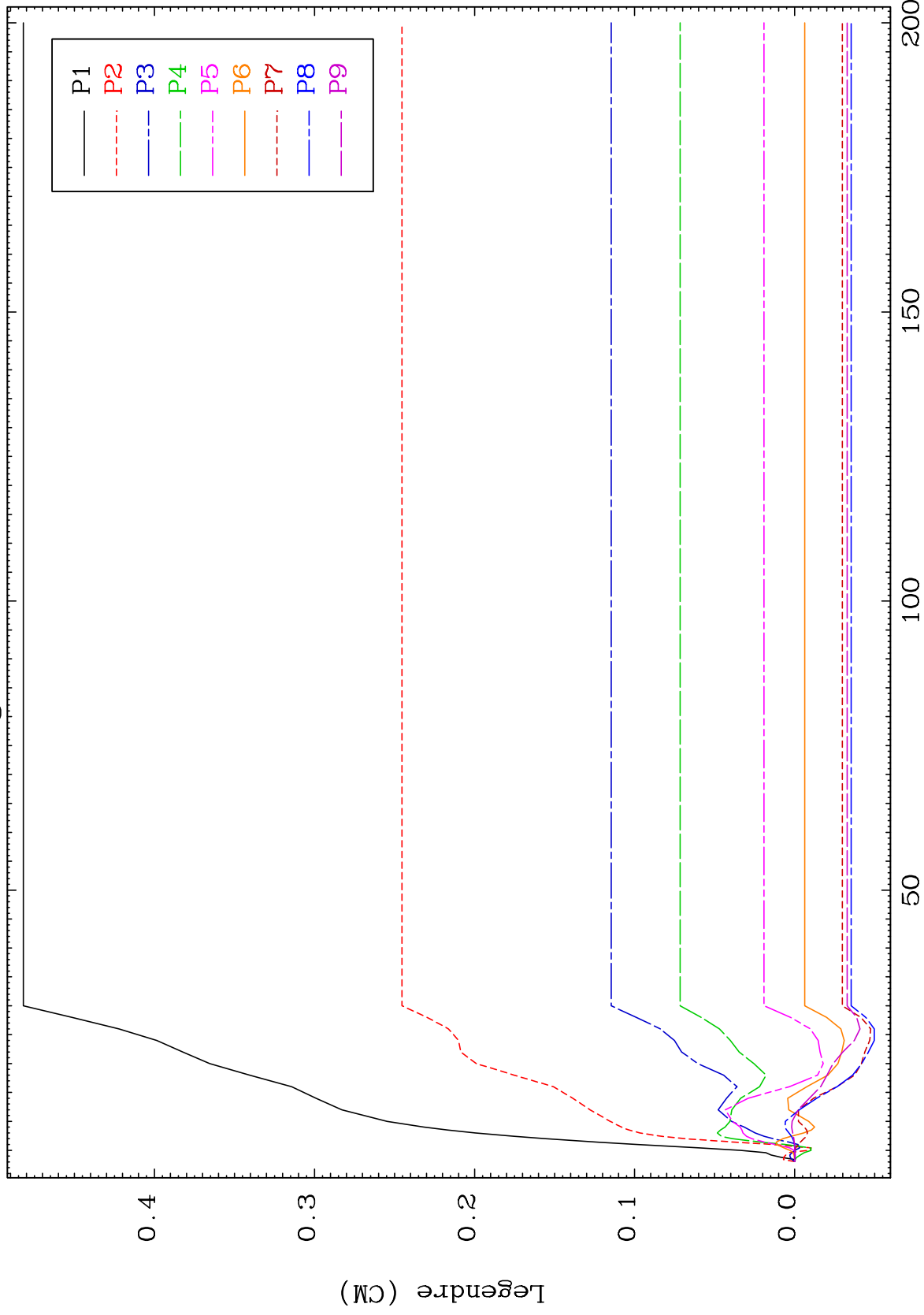




MAT 3543

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

35-Br-85



63

Incident Energy (MeV)

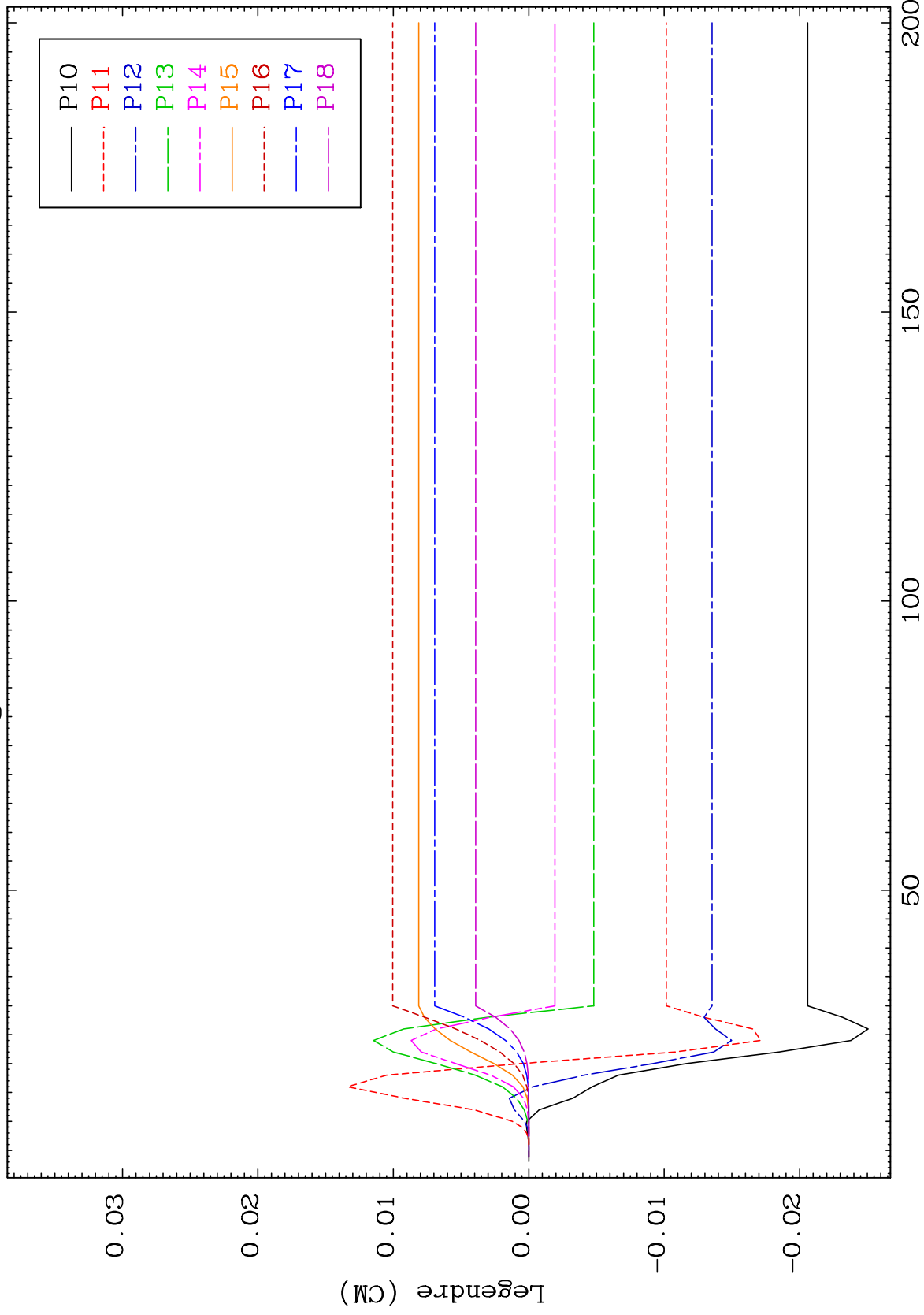
35-Br-85



MAT 3543

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

35-Br-85



64

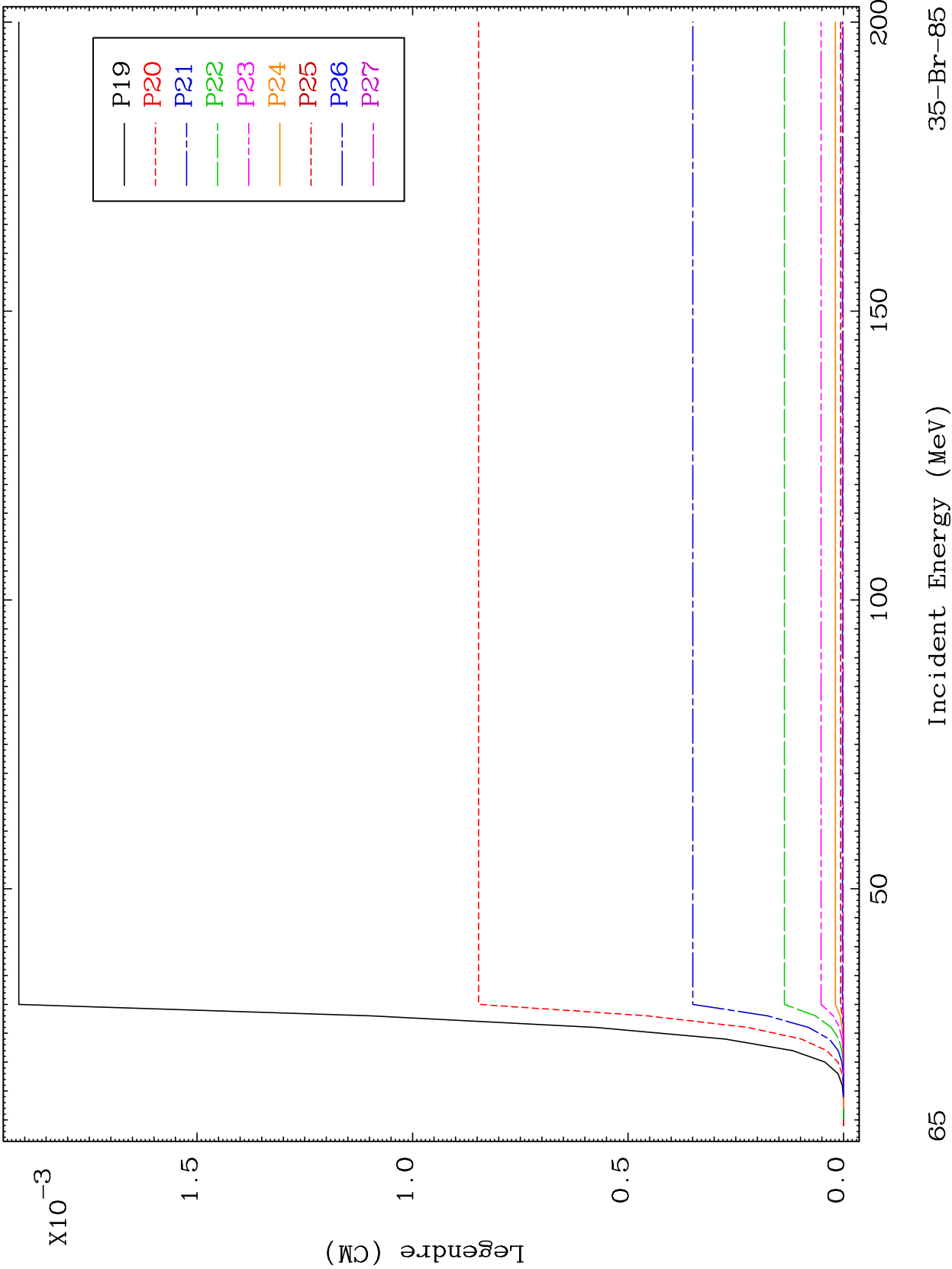
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



65

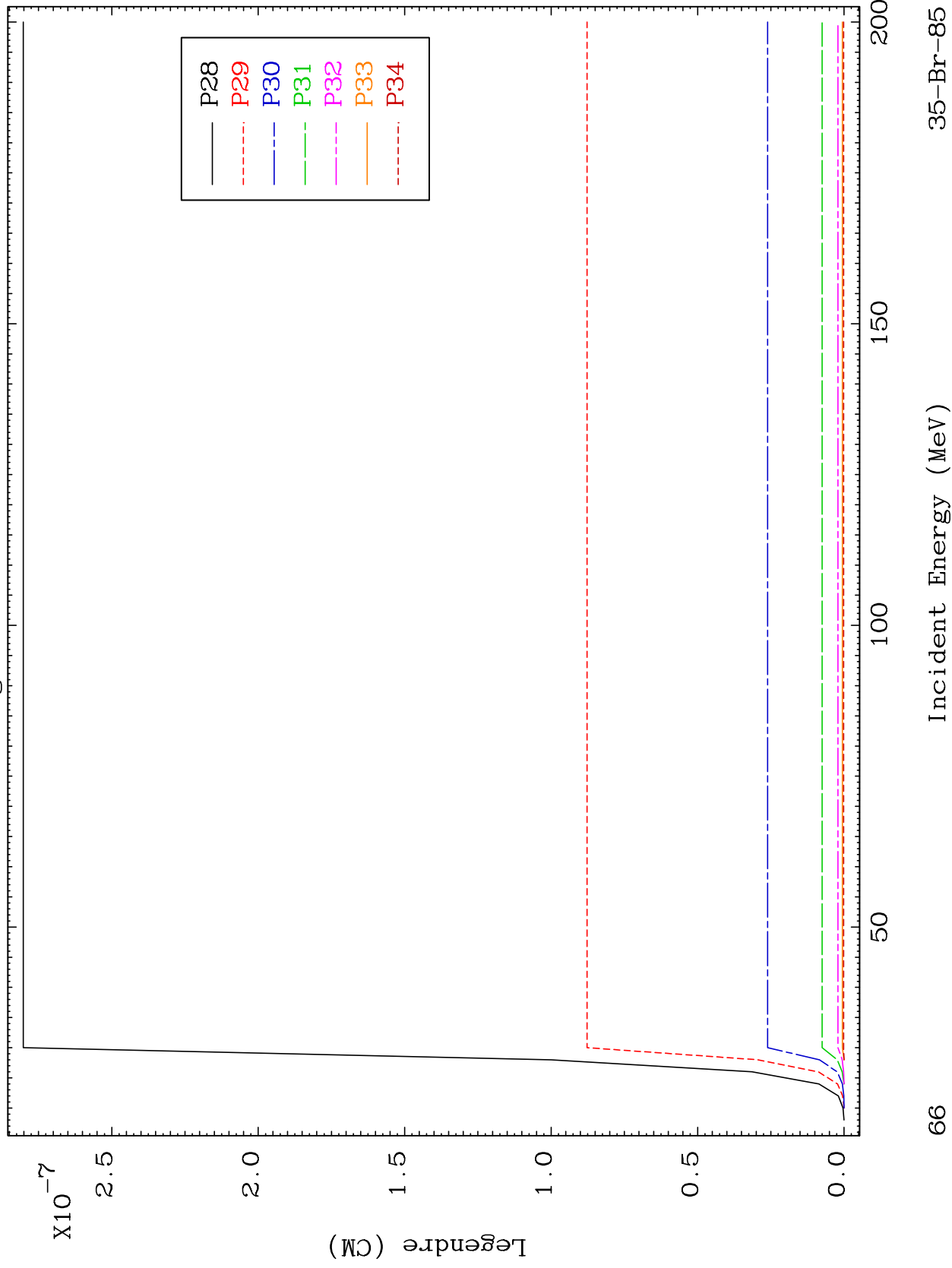
Incident Energy (MeV)

35-Br-85

MAT 3543

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

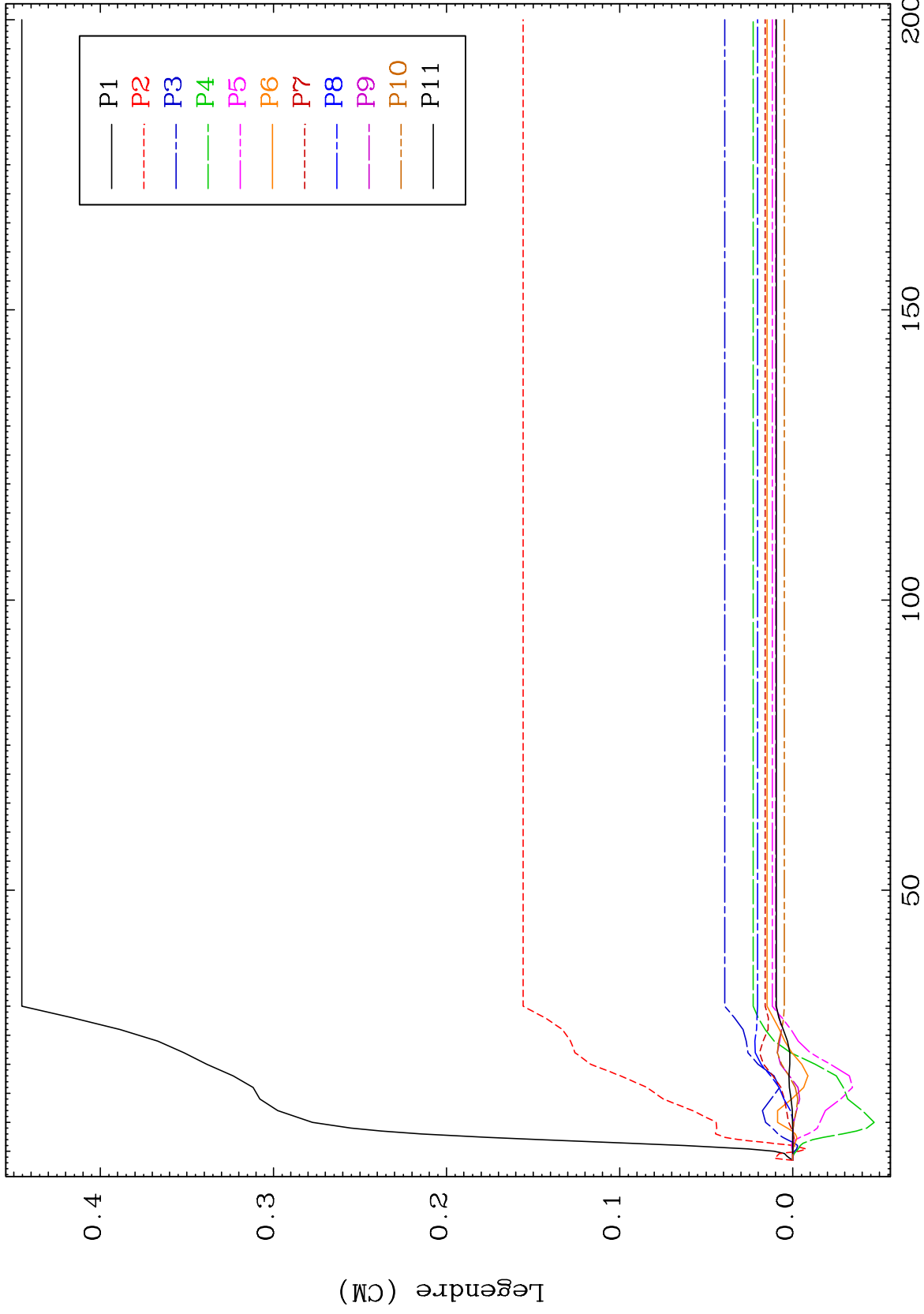
35-Br-85



MAT 3543

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

35-Br-85



67

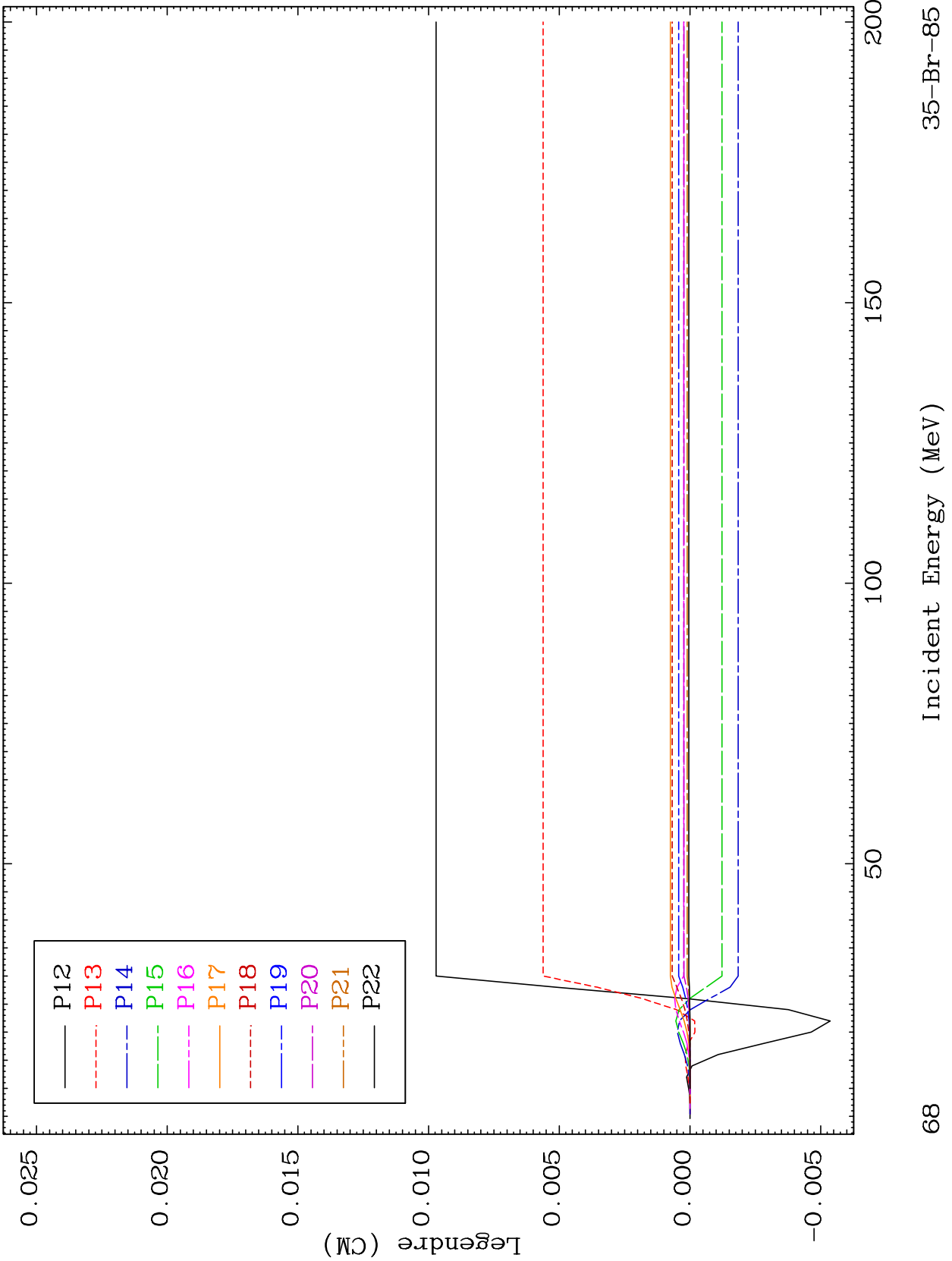
Incident Energy (MeV)

35-Br-85

MAT 3543

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

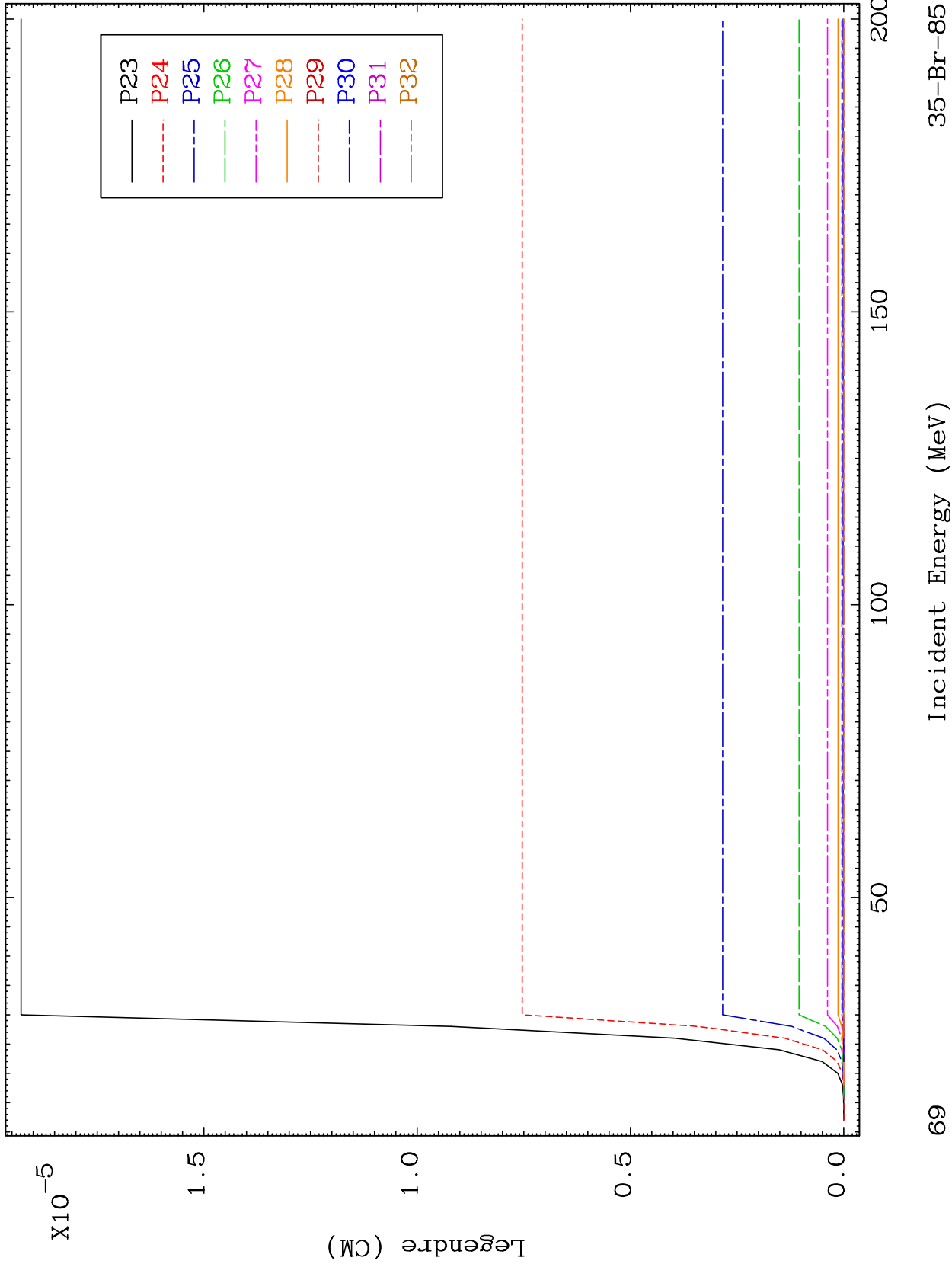
35-Br-85



MAT 3543

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

35-Br-85



69

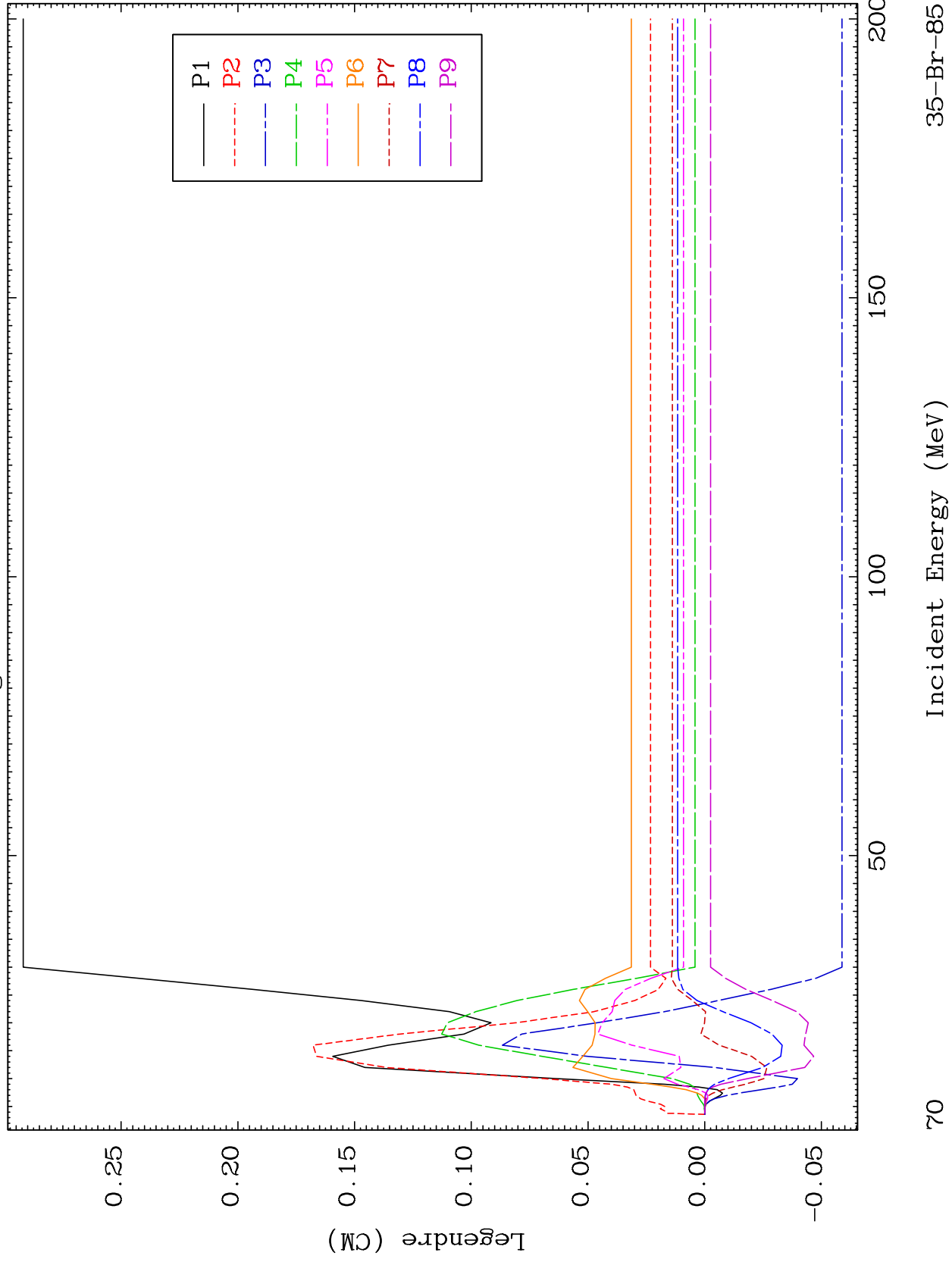
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



70

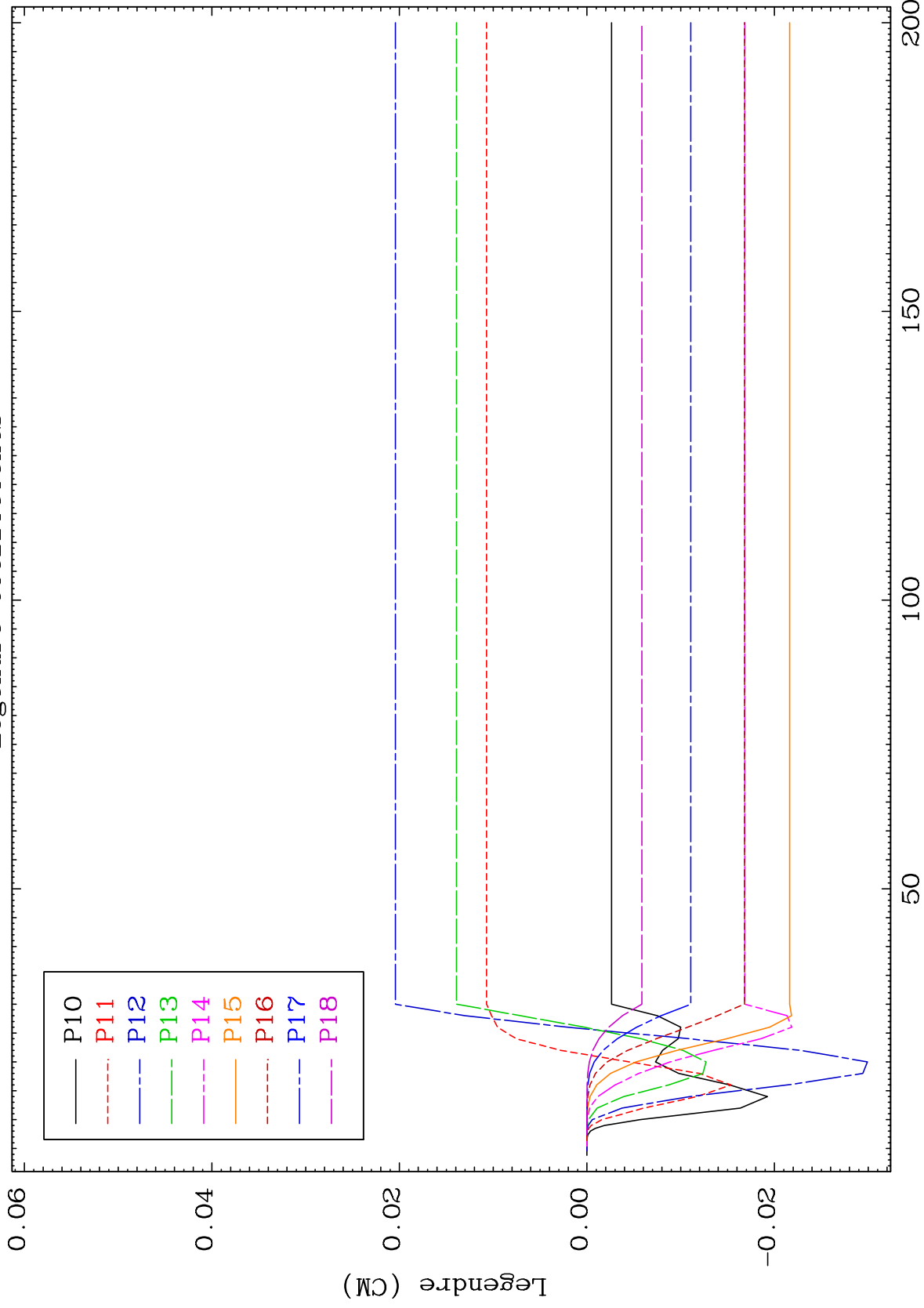
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85

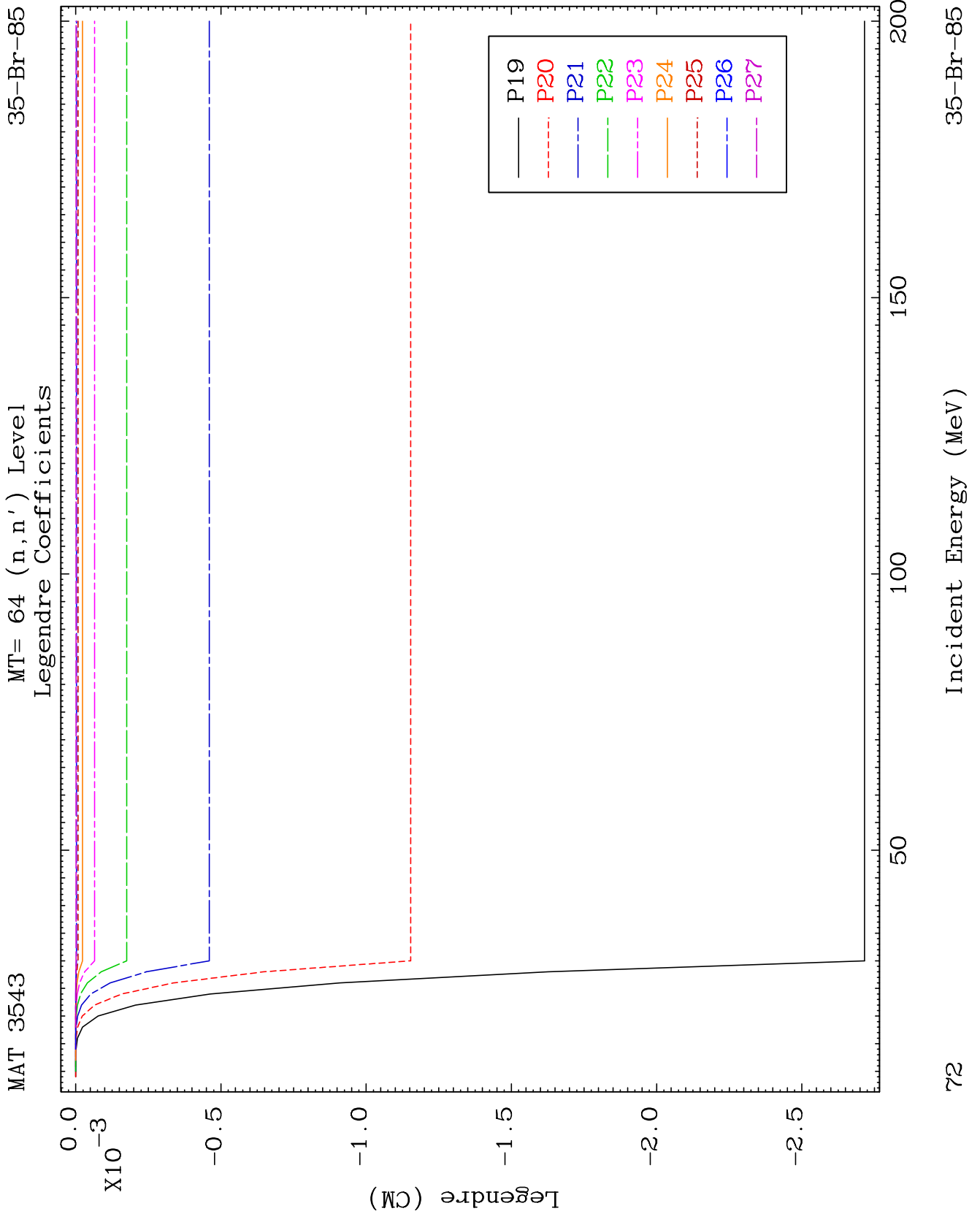


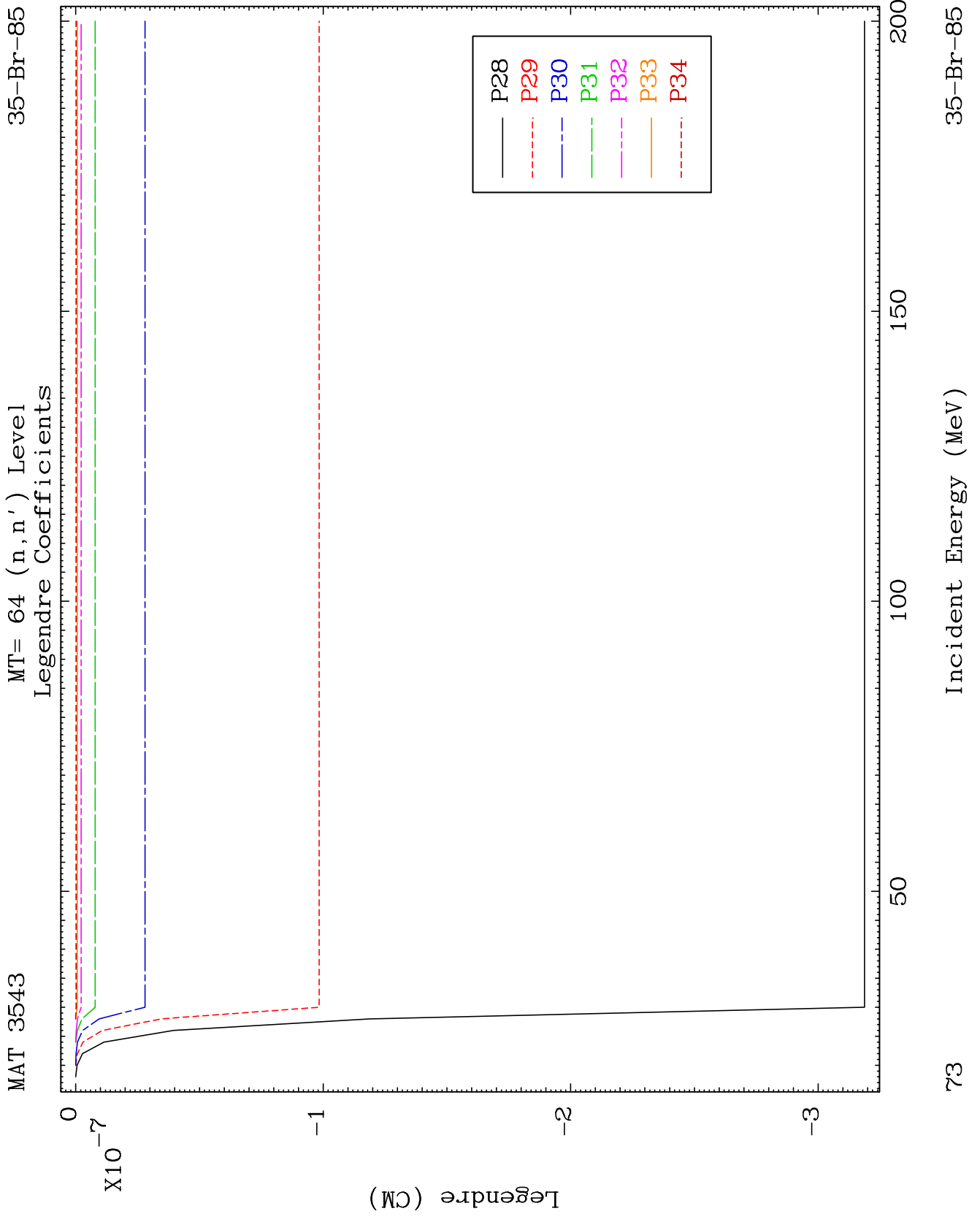
71

Incident Energy (MeV)

35-Br-85



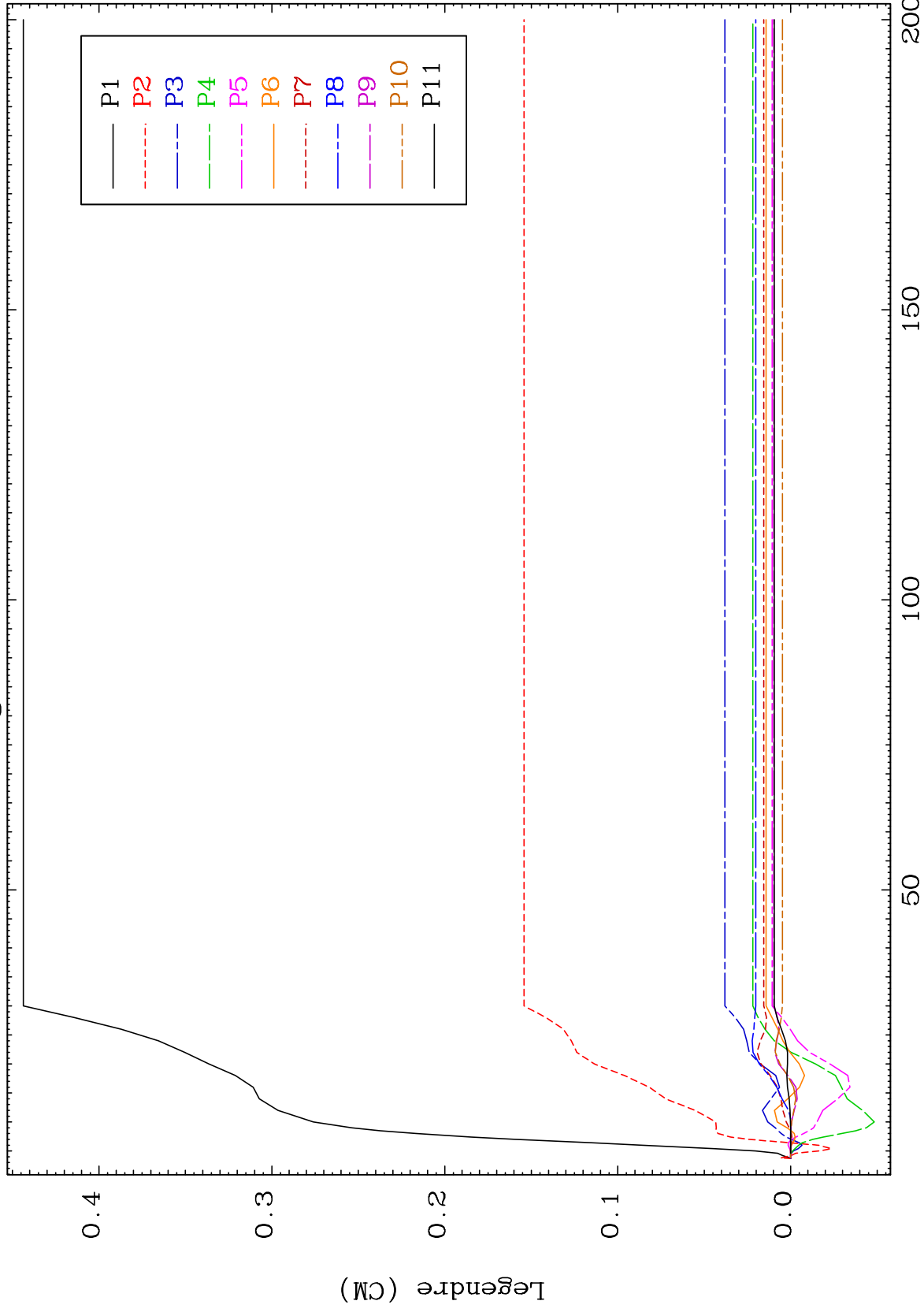




MAT 3543

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

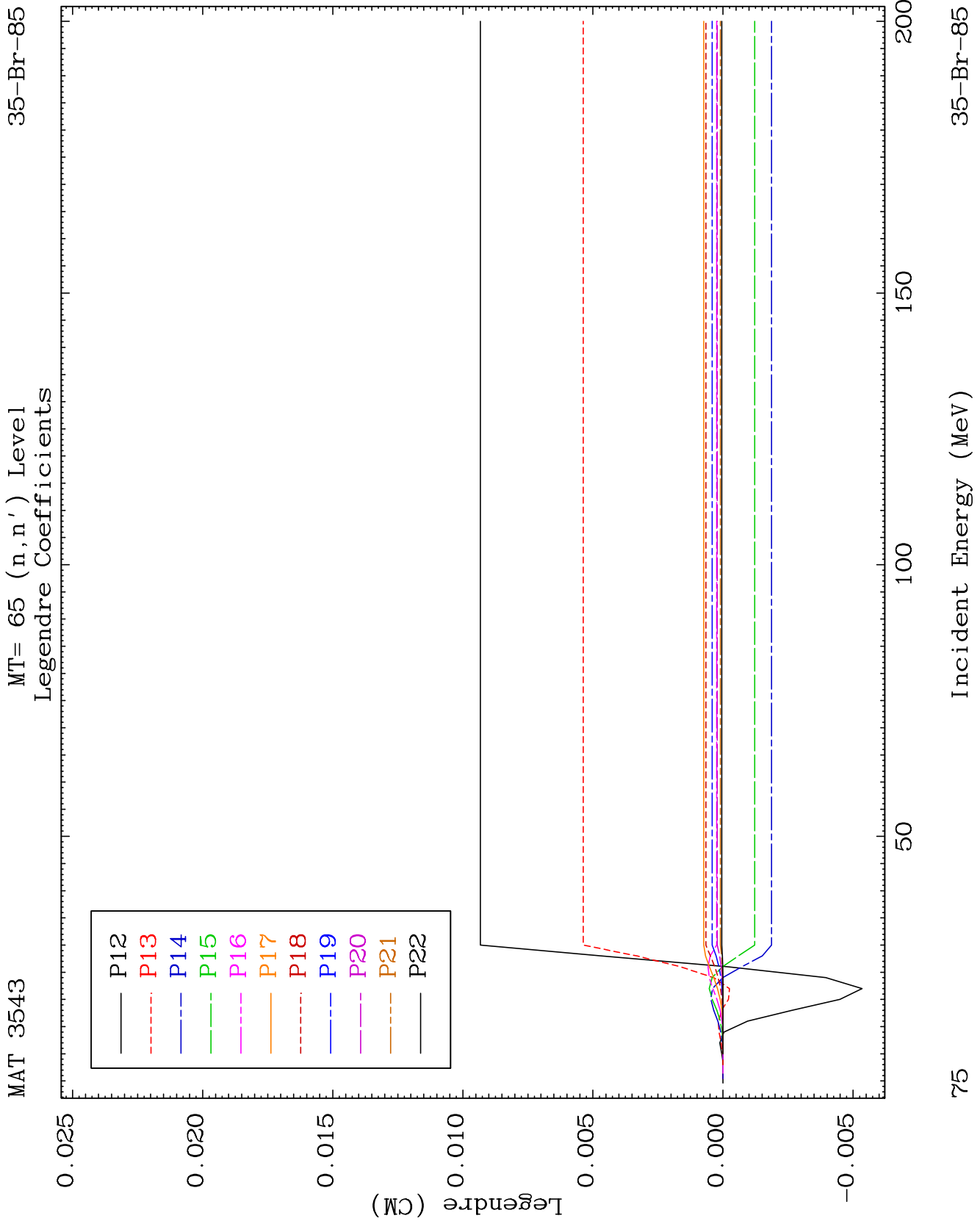
35-Br-85



74

Incident Energy (MeV)

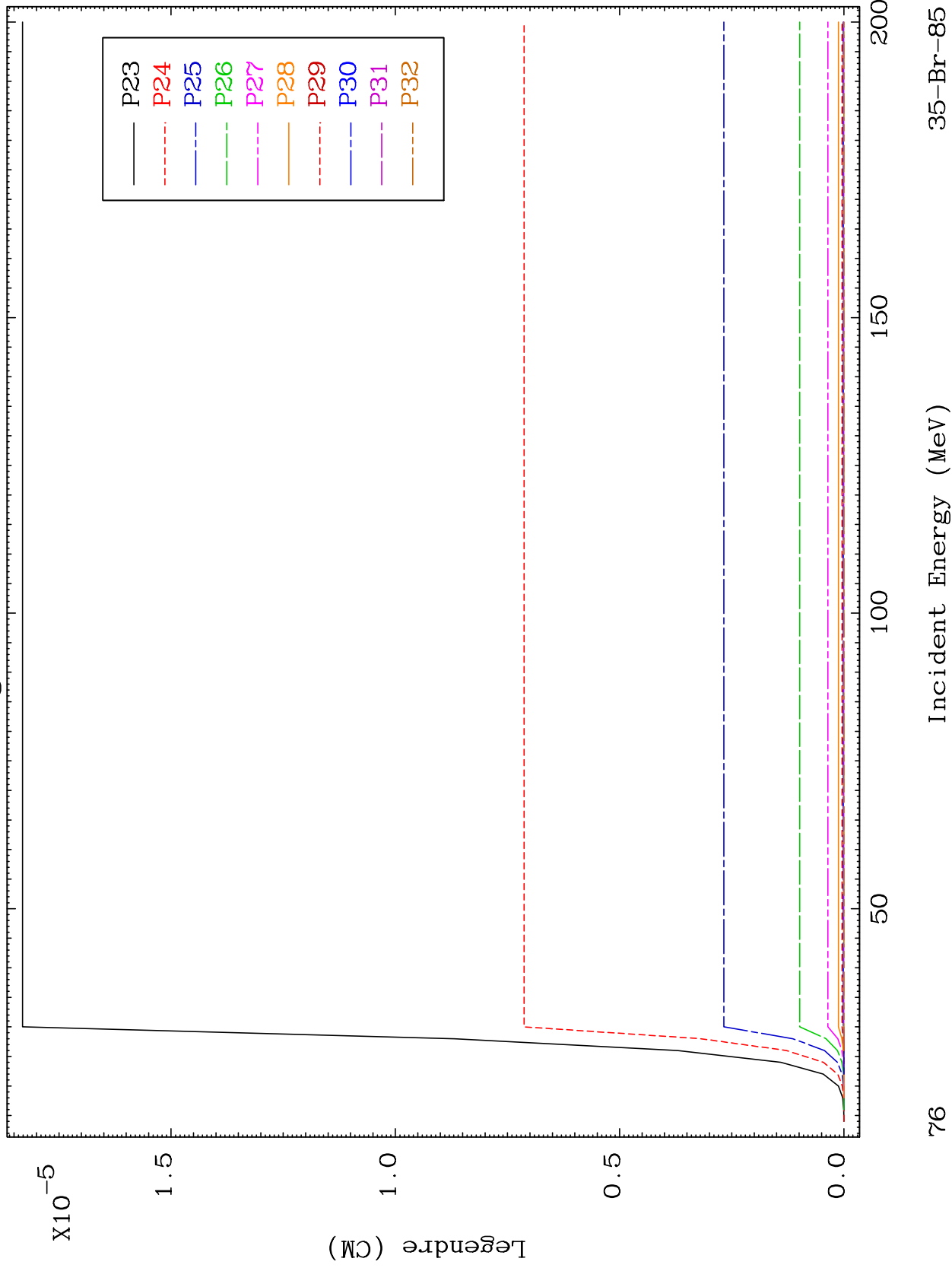
35-Br-85



MAT 3543

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

35-Br-85



76

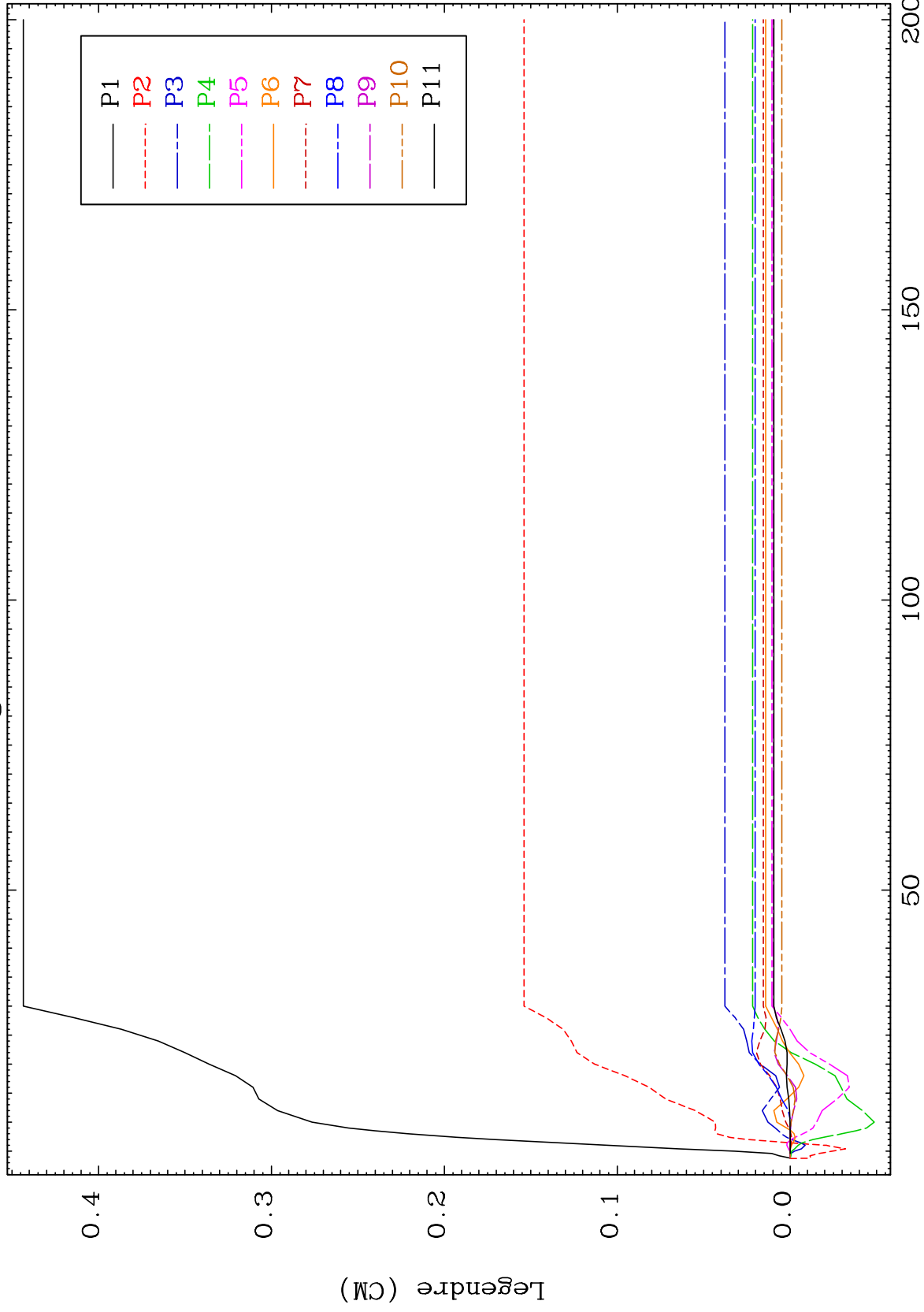
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



77

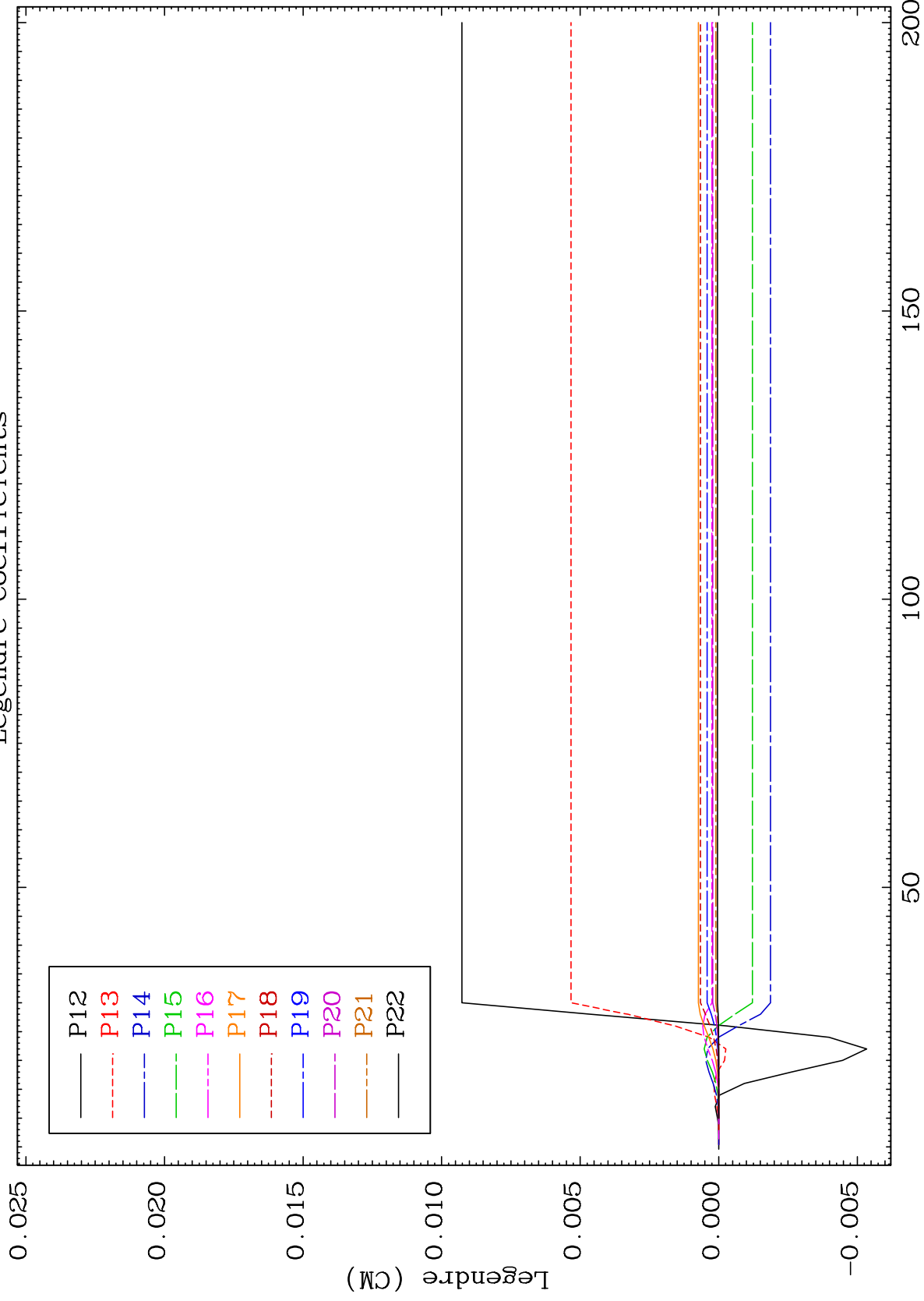
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



78

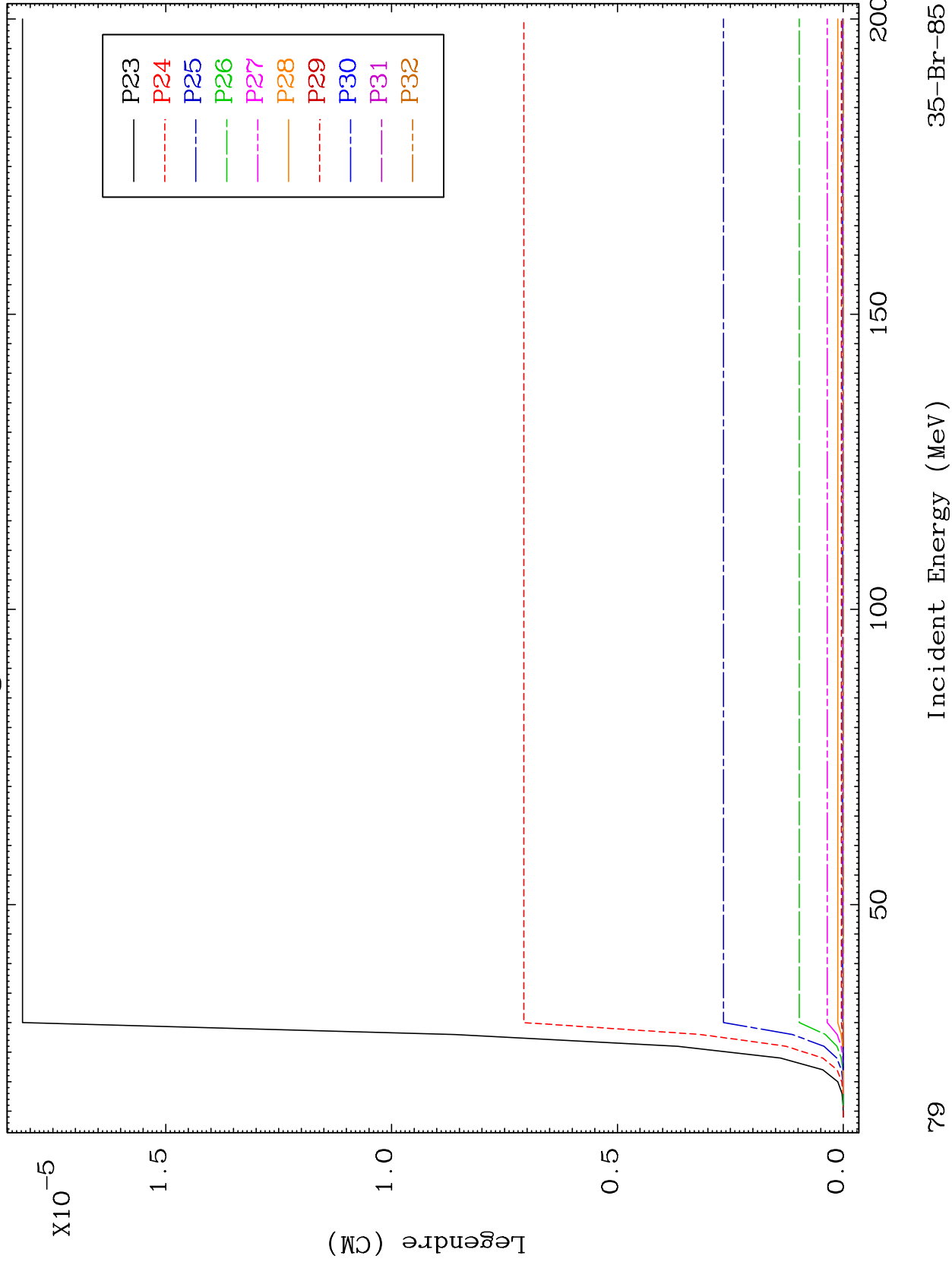
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



79

Incident Energy (MeV)

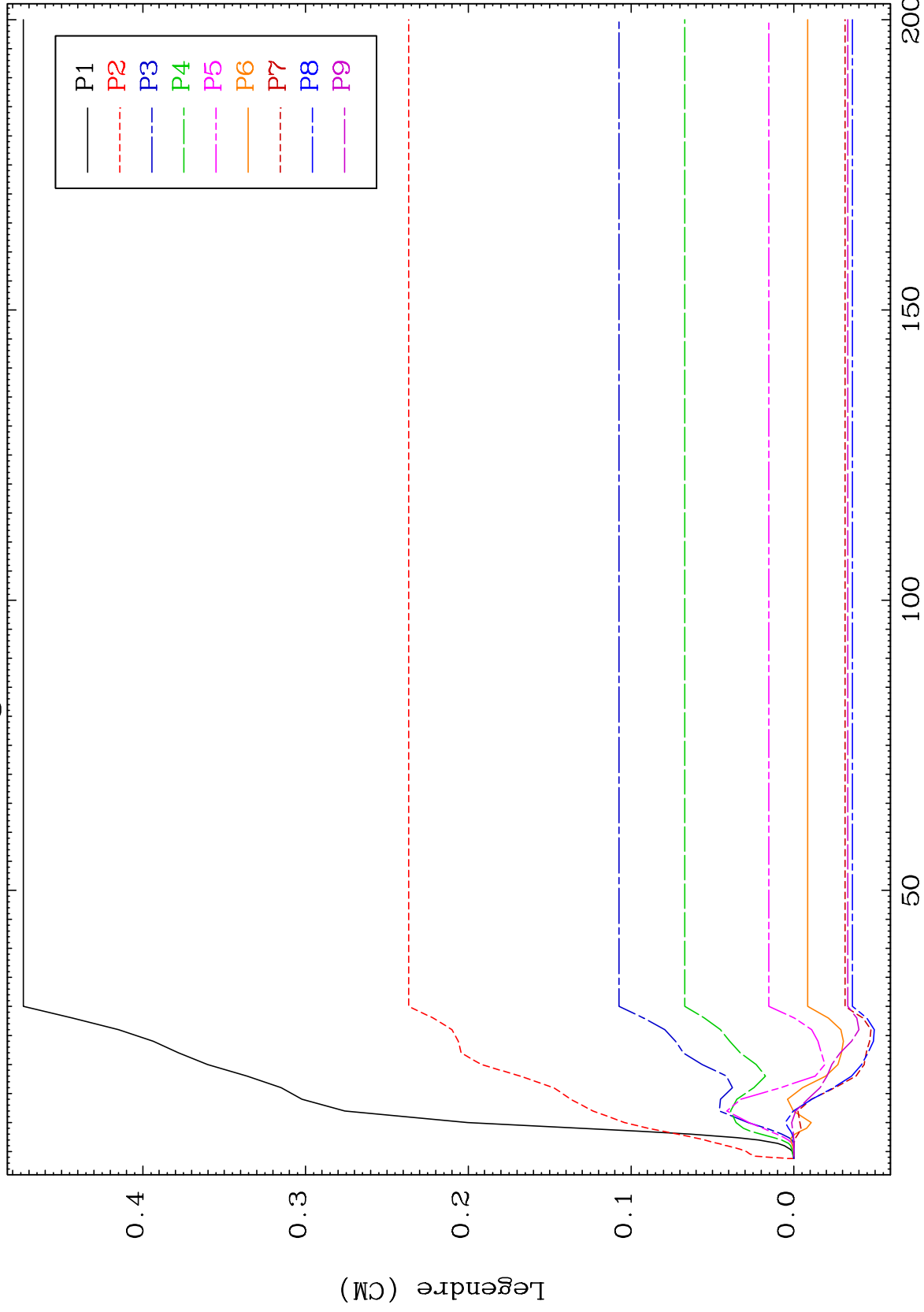
35-Br-85



MAT 3543

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

35-Br-85



80

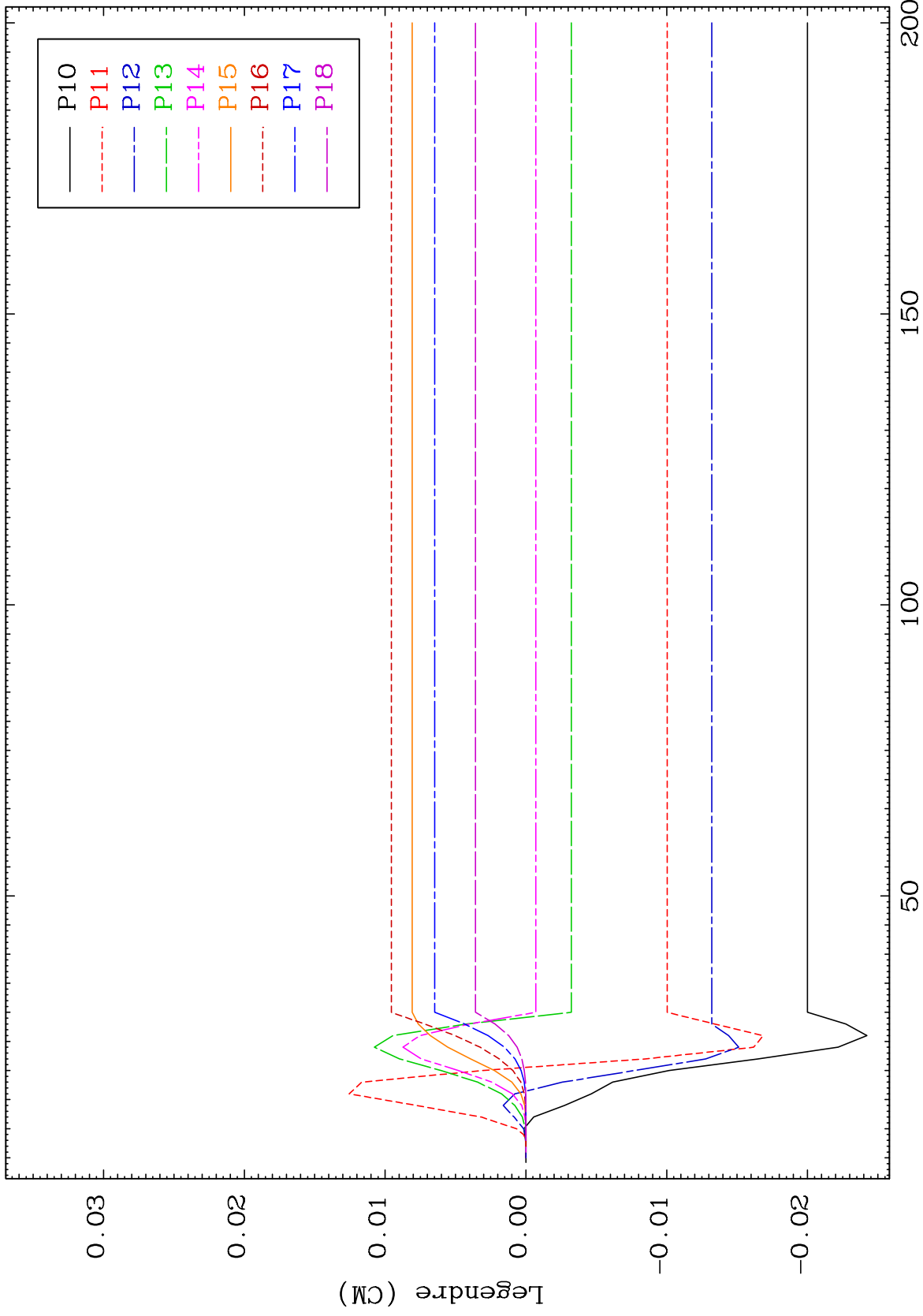
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



81

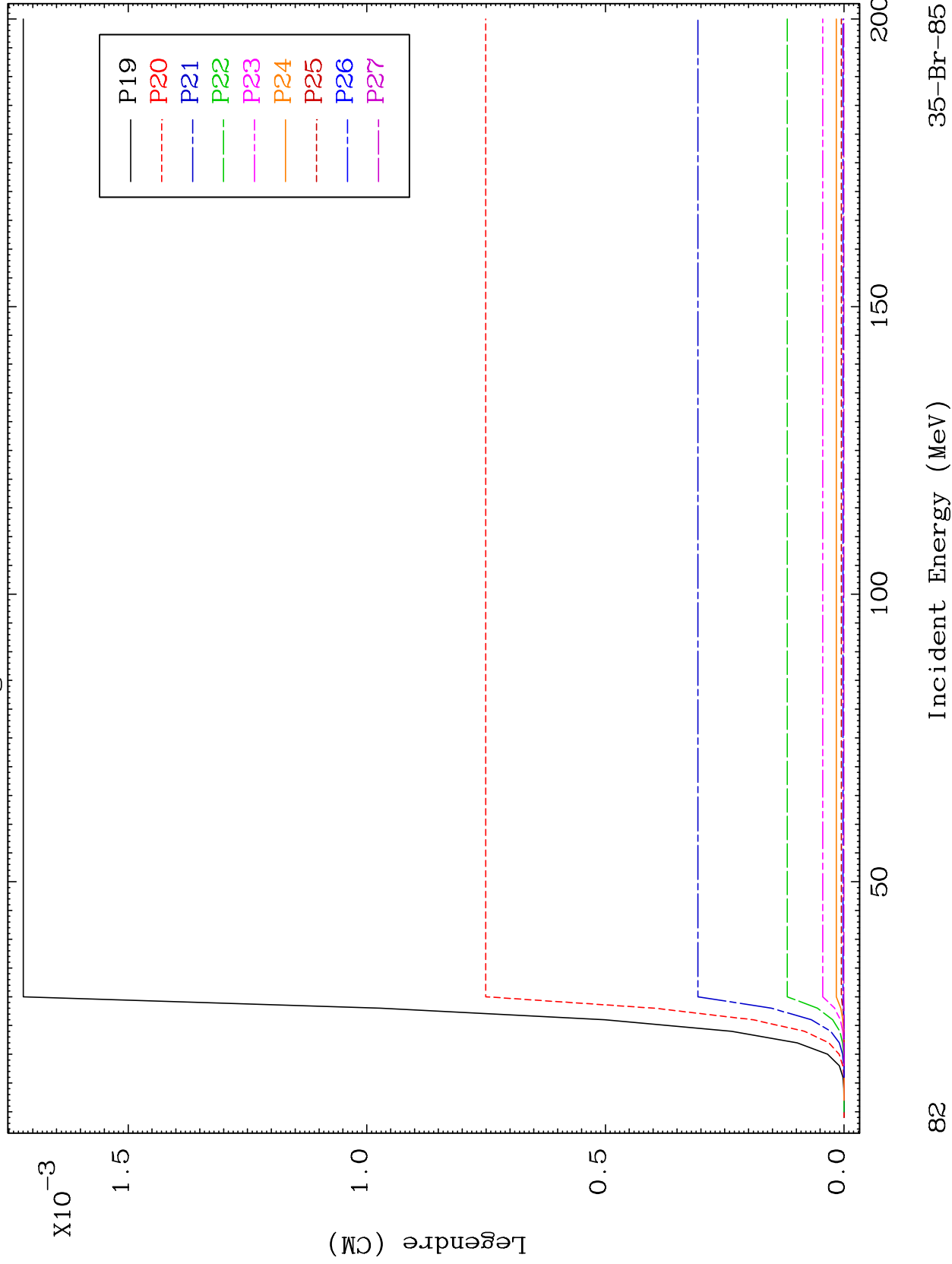
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



82

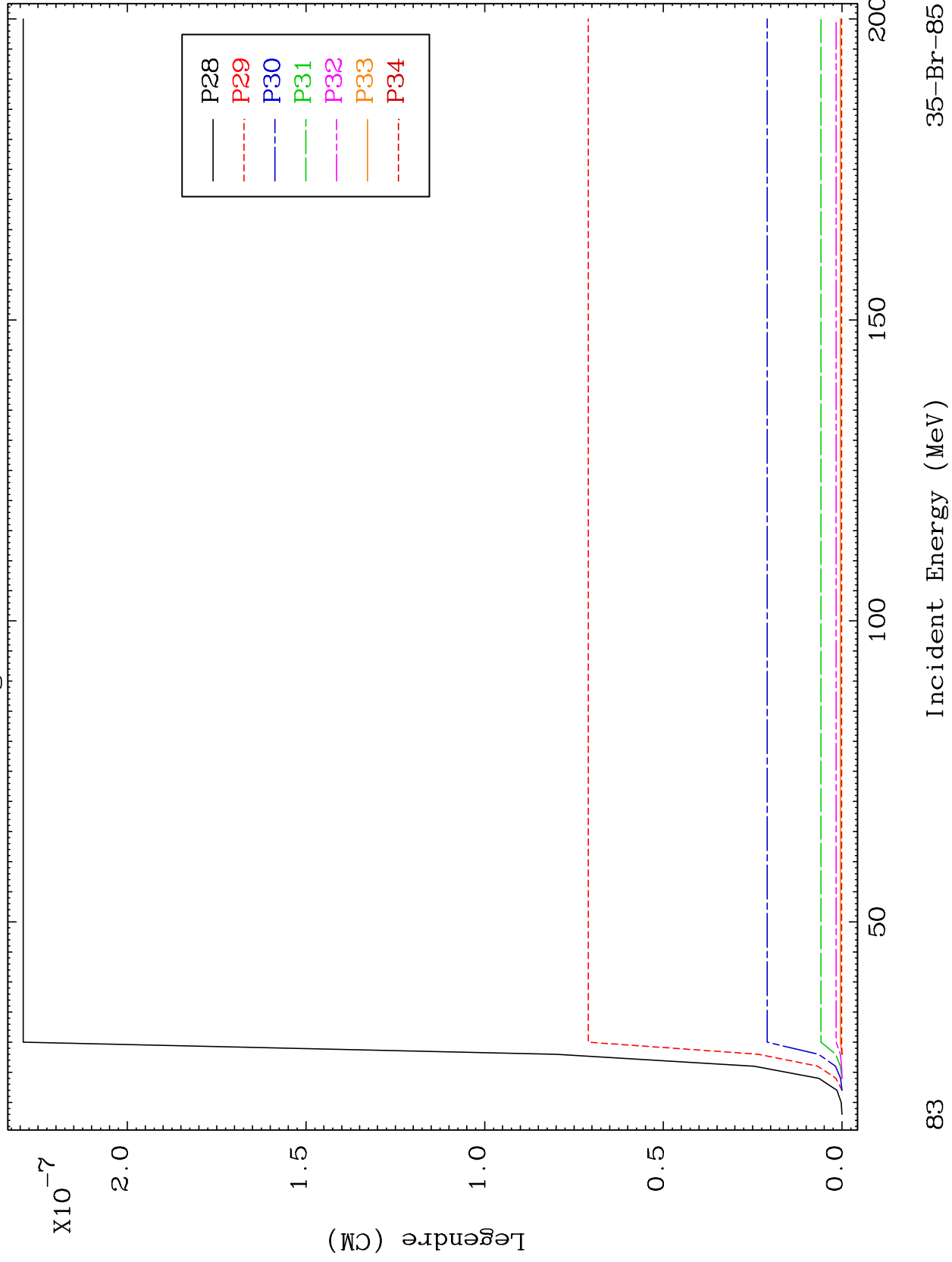
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



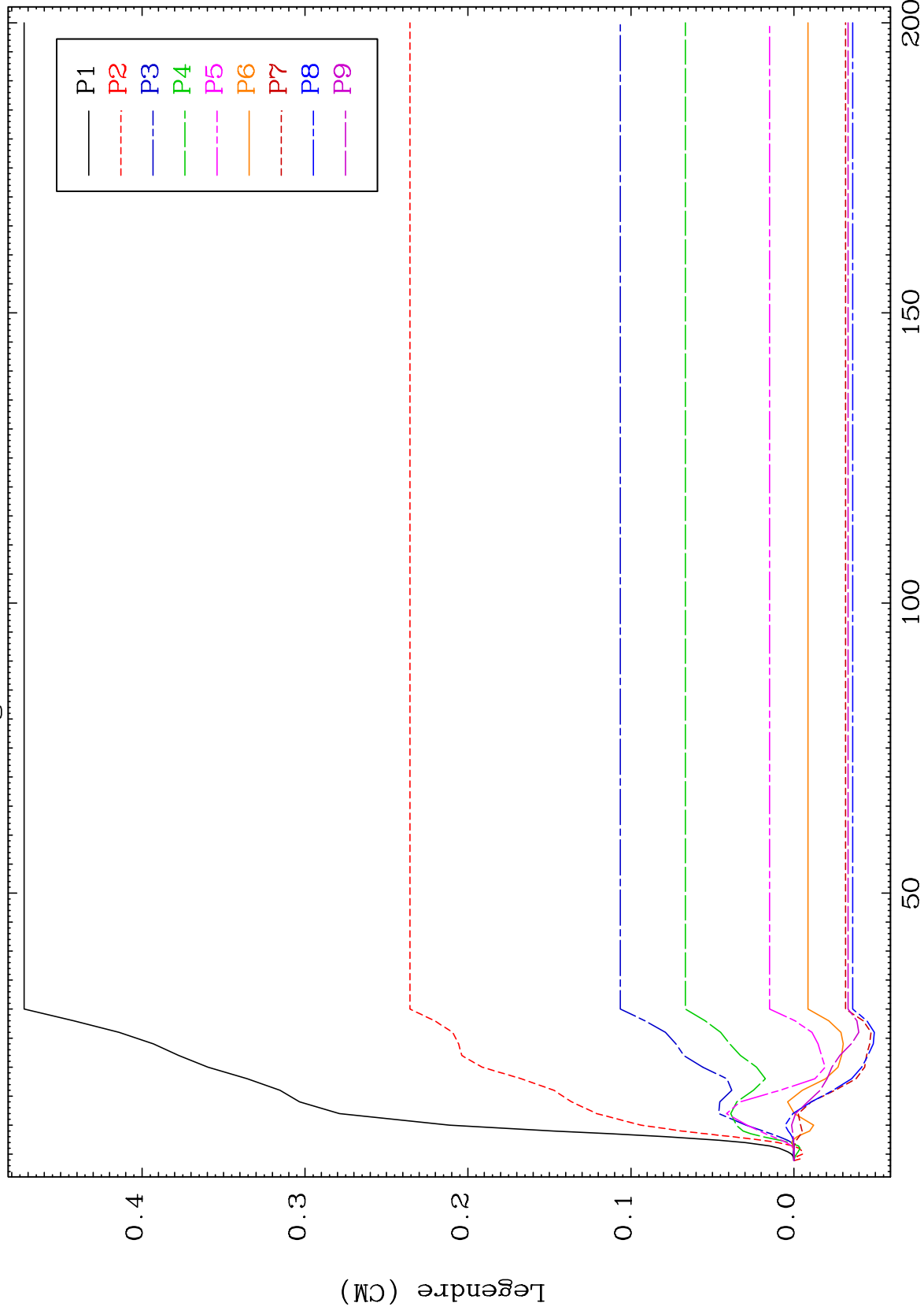
83

35-Br-85

MAT 3543

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

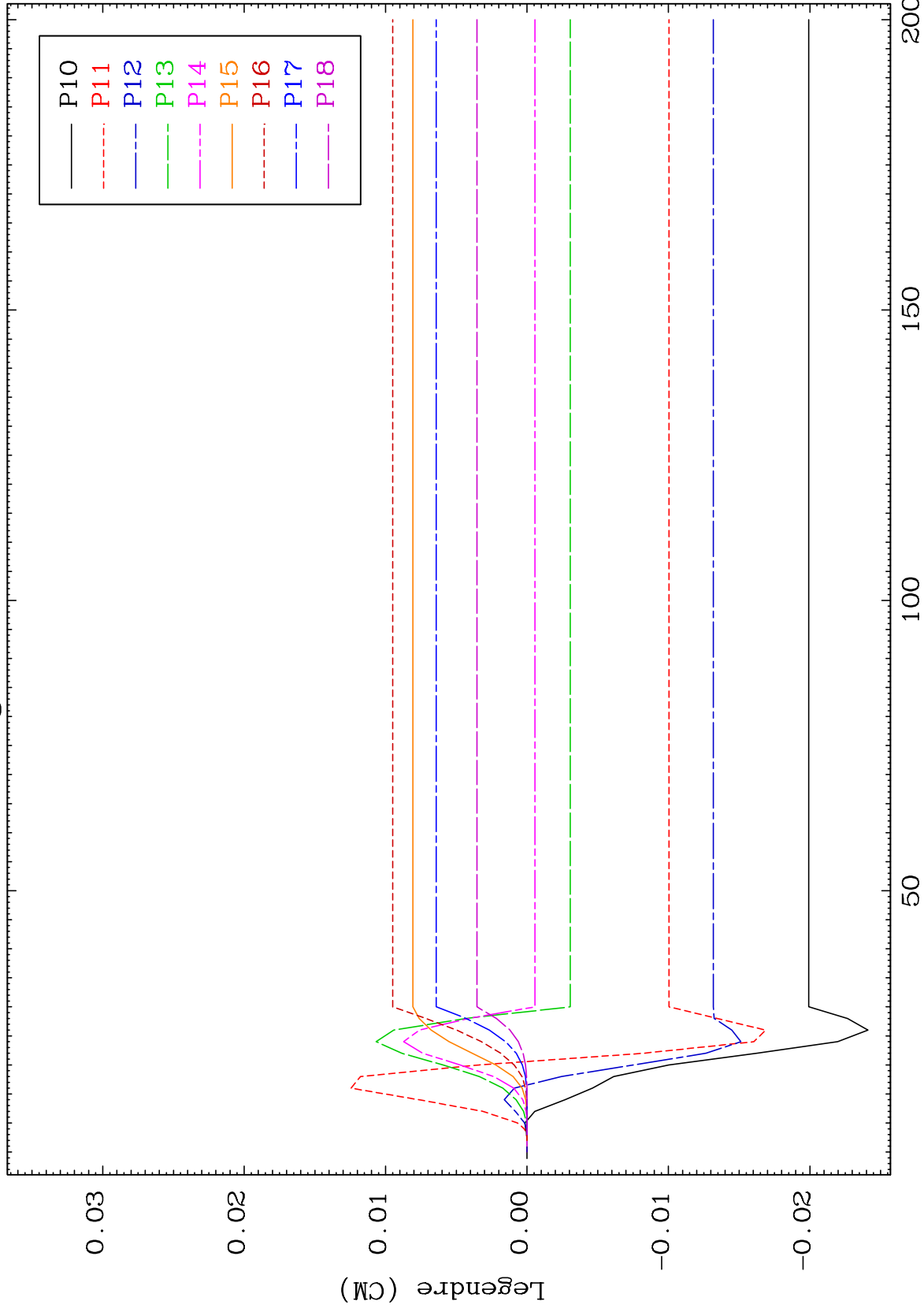
35-Br-85



MAT 3543

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

35-Br-85



85

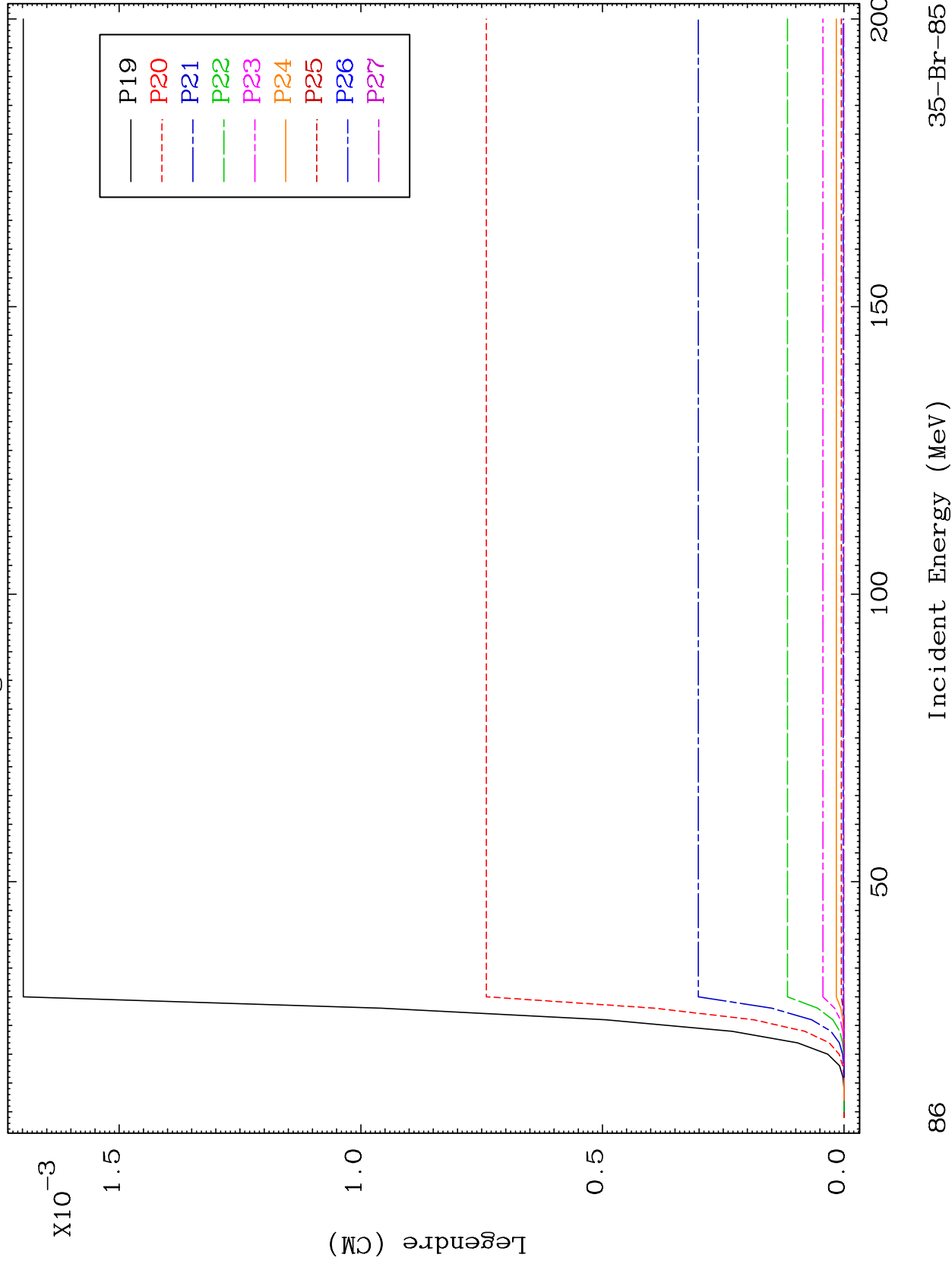
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



86

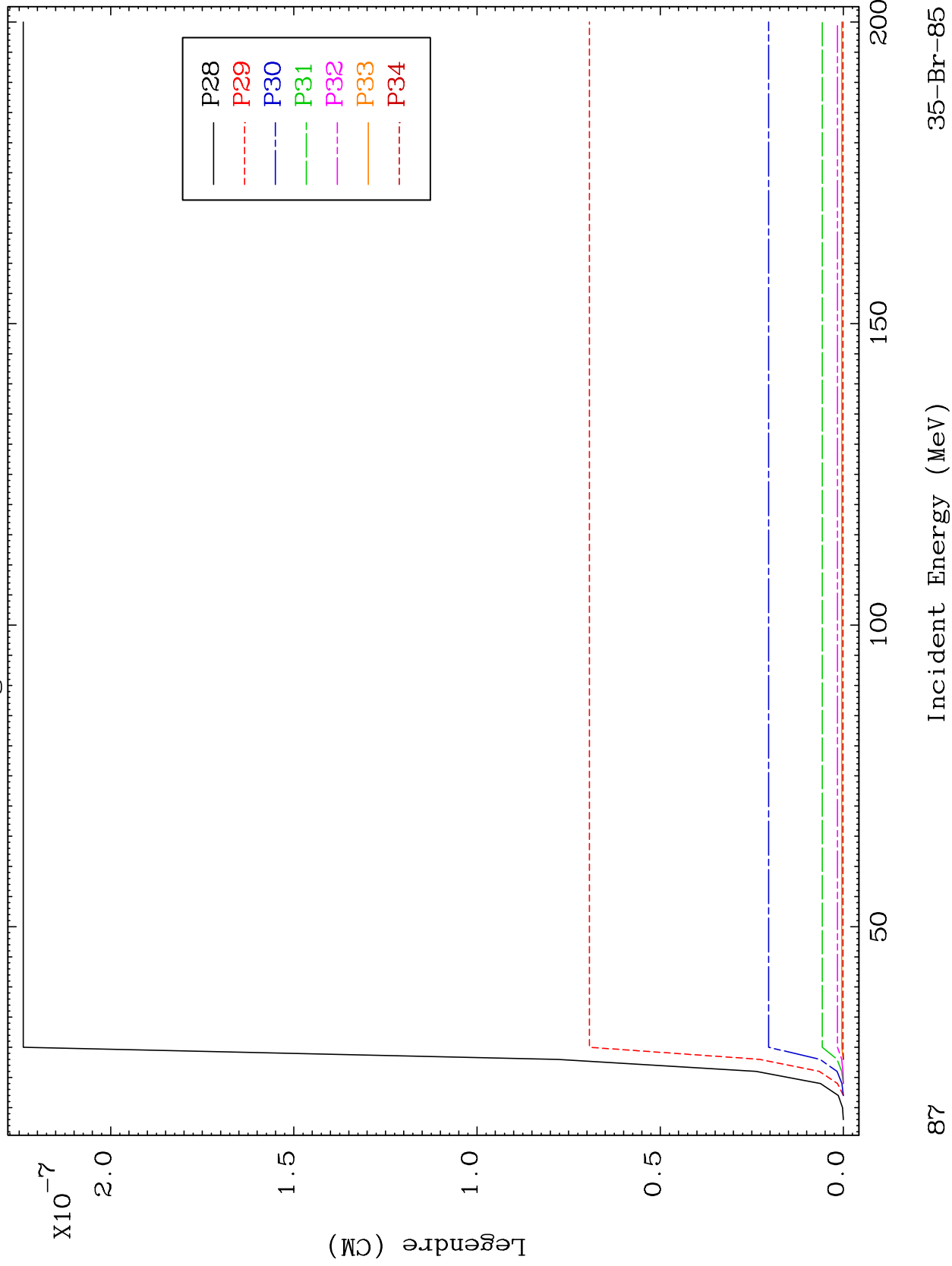
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85

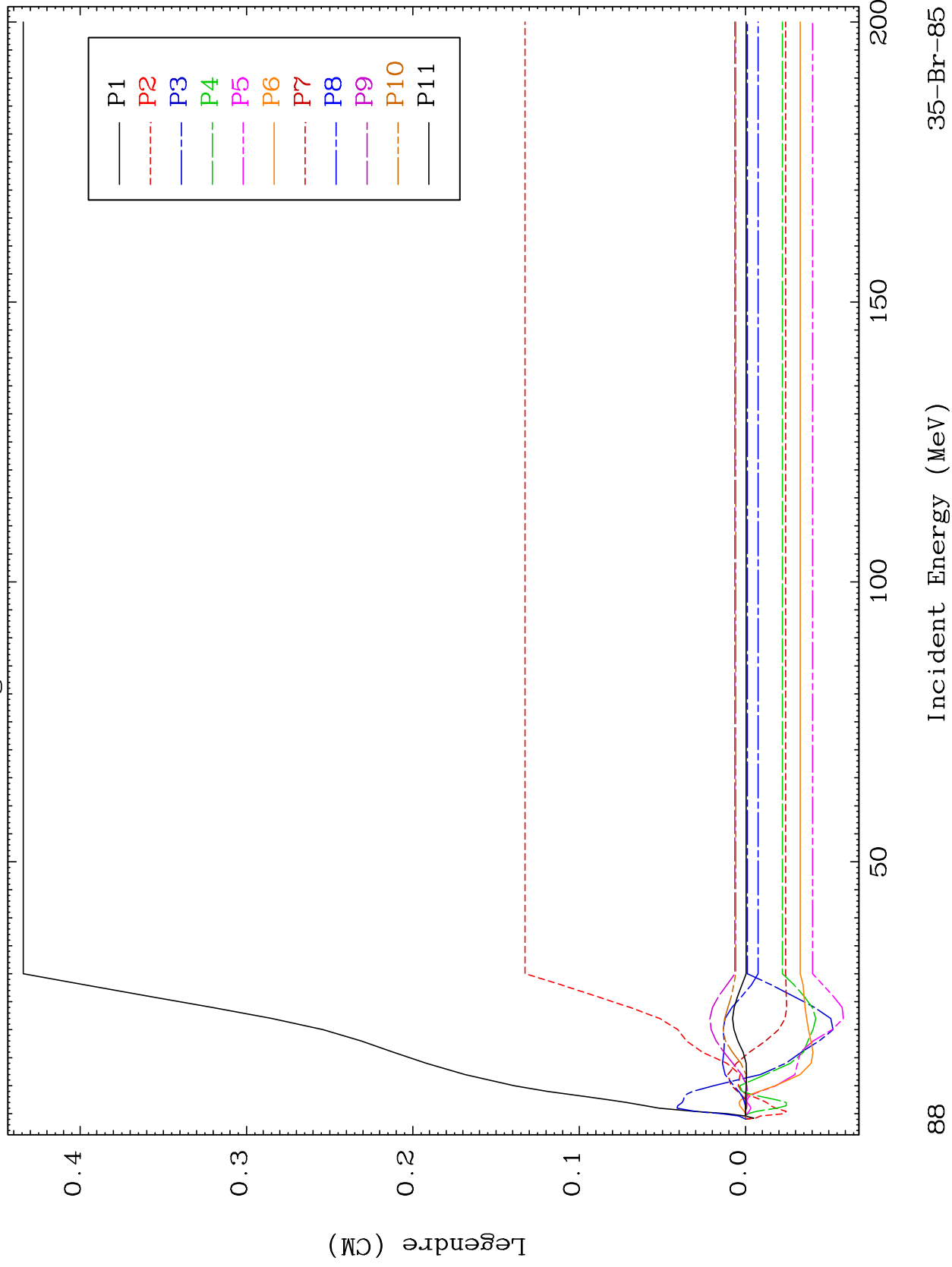




MAT 3543

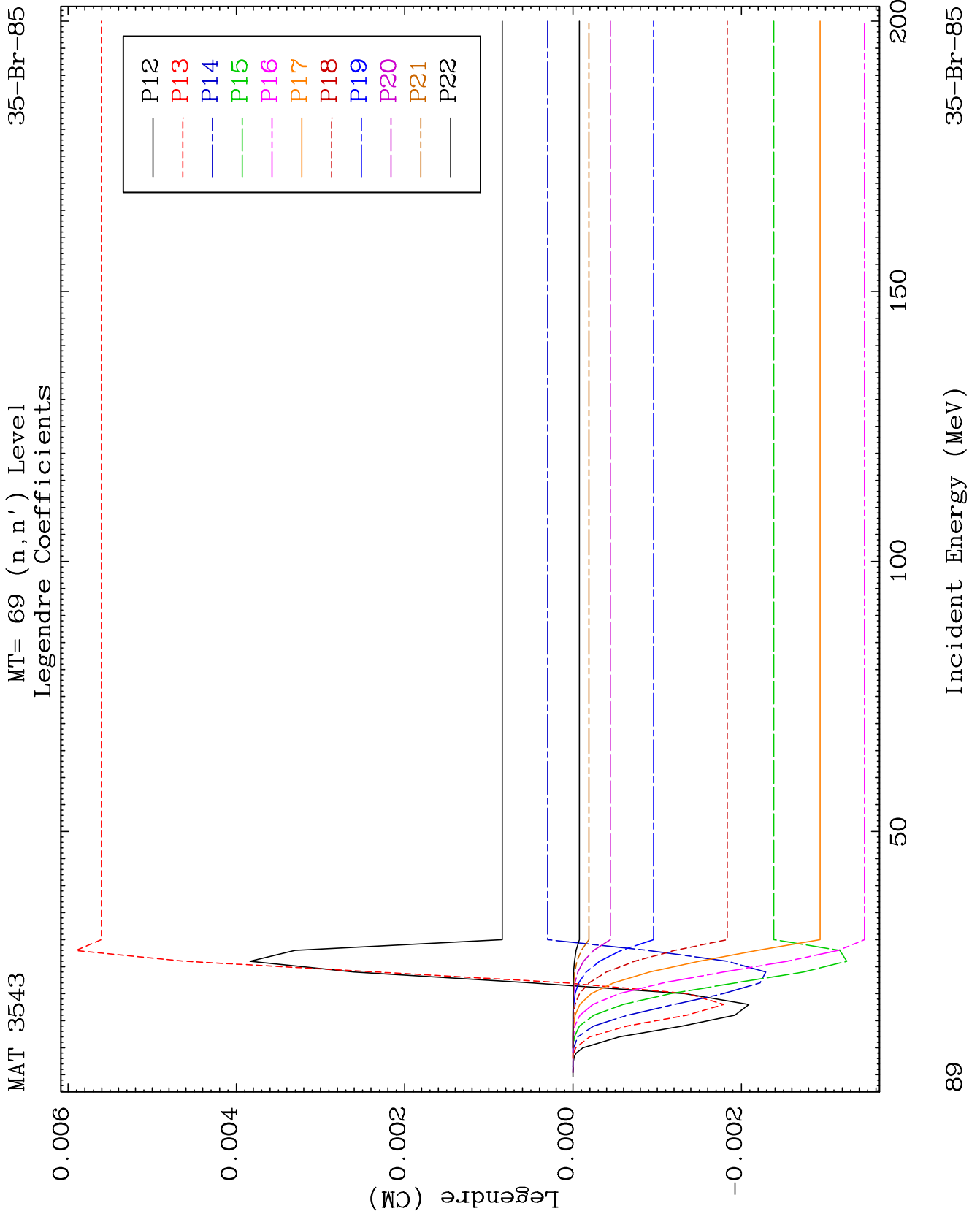
MT= 69 (n,n') Level  
Legendre Coefficients

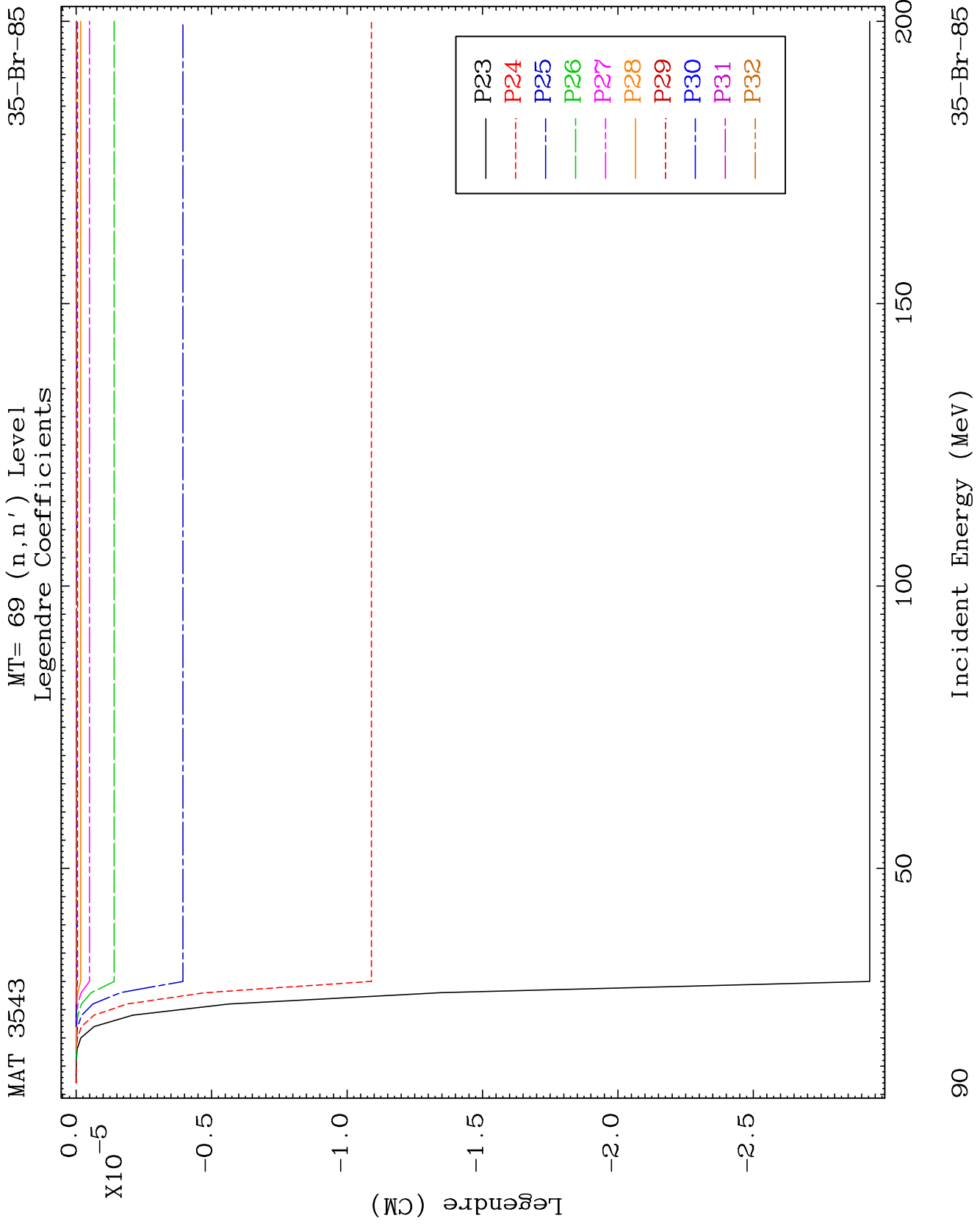
35-Br-85



88

35-Br-85

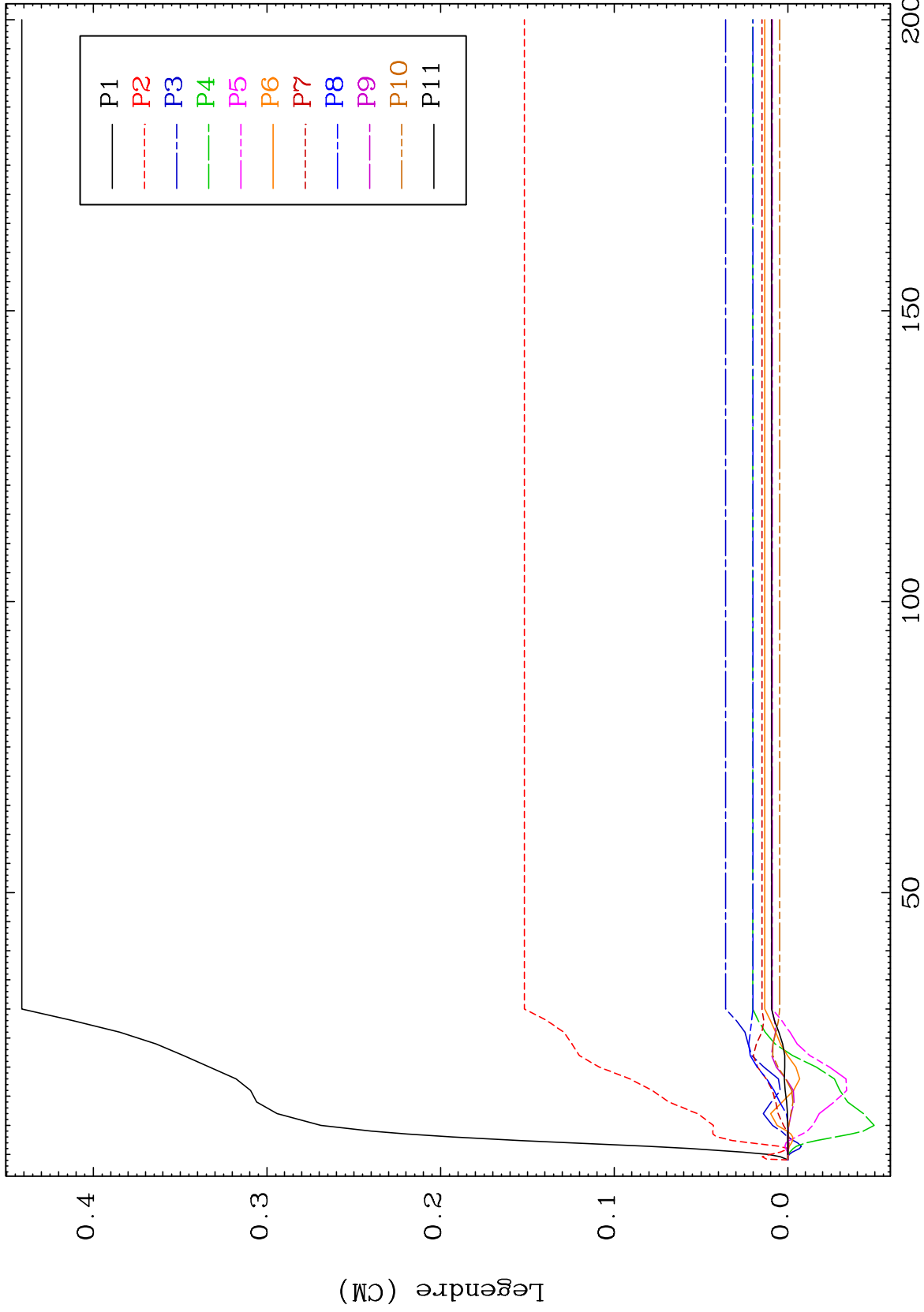




MAT 3543

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

35-Br-85



91

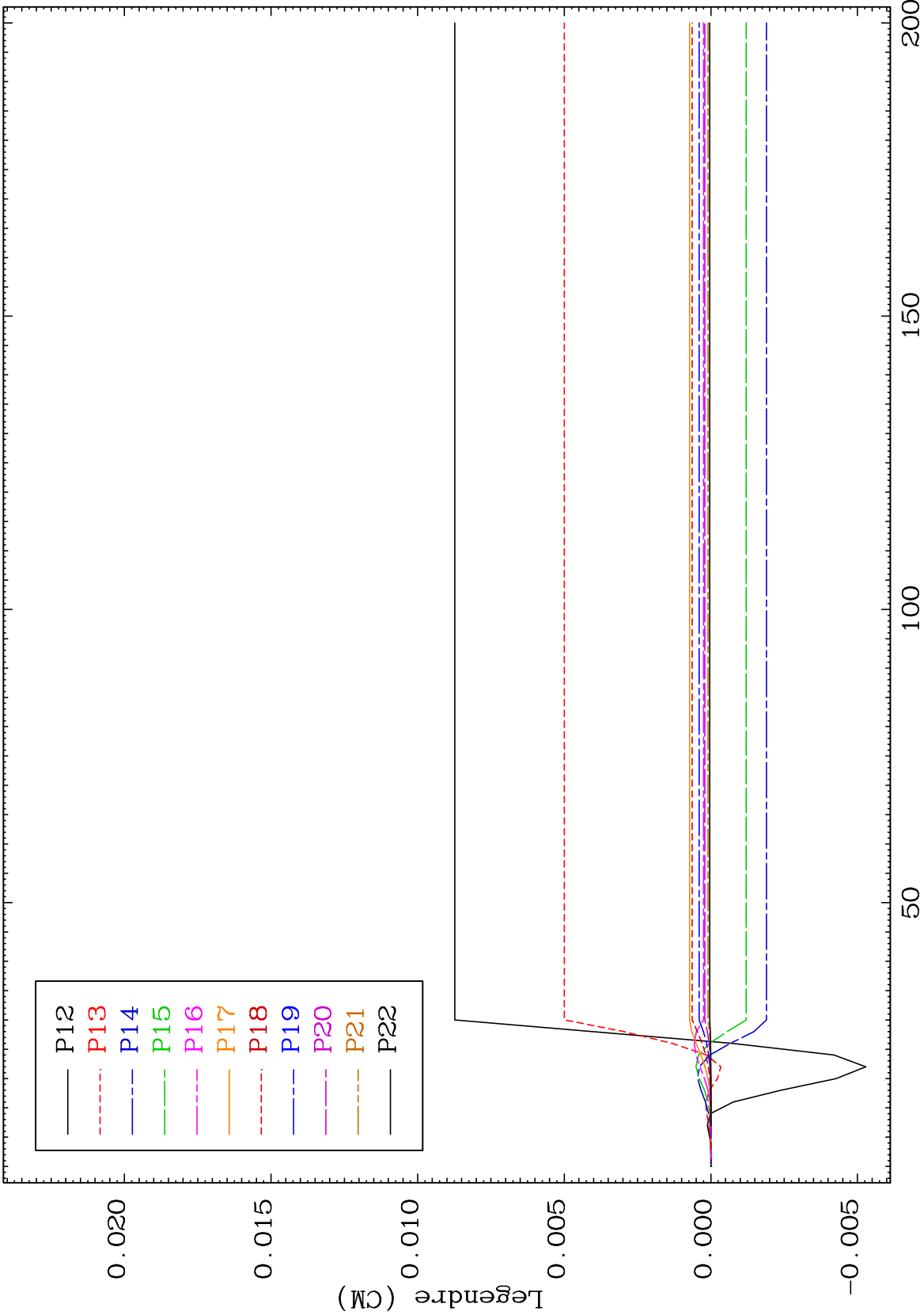
Incident Energy (MeV)

35-Br-85

MAT 3543

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

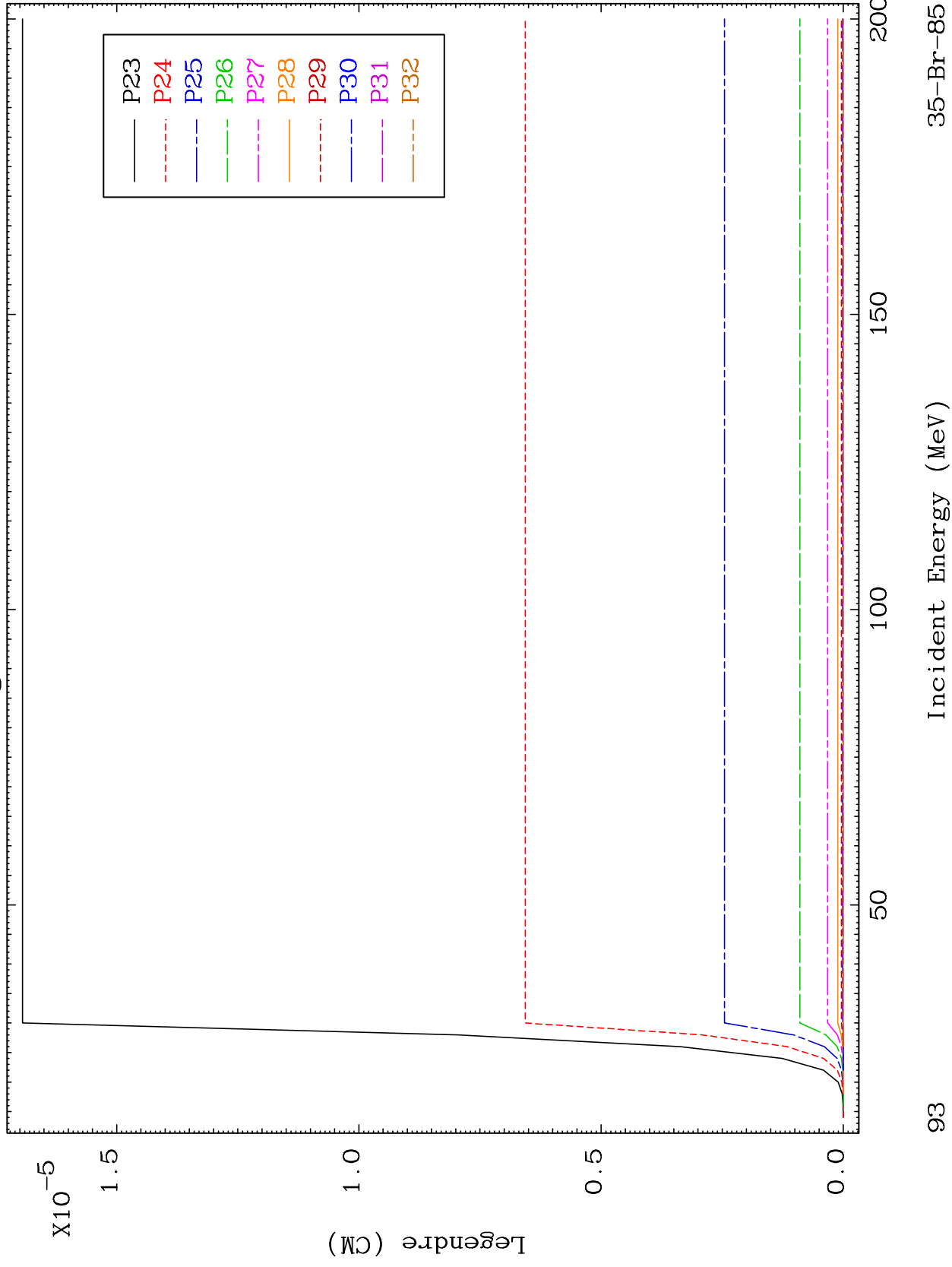
35-Br-85



MAT 3543

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

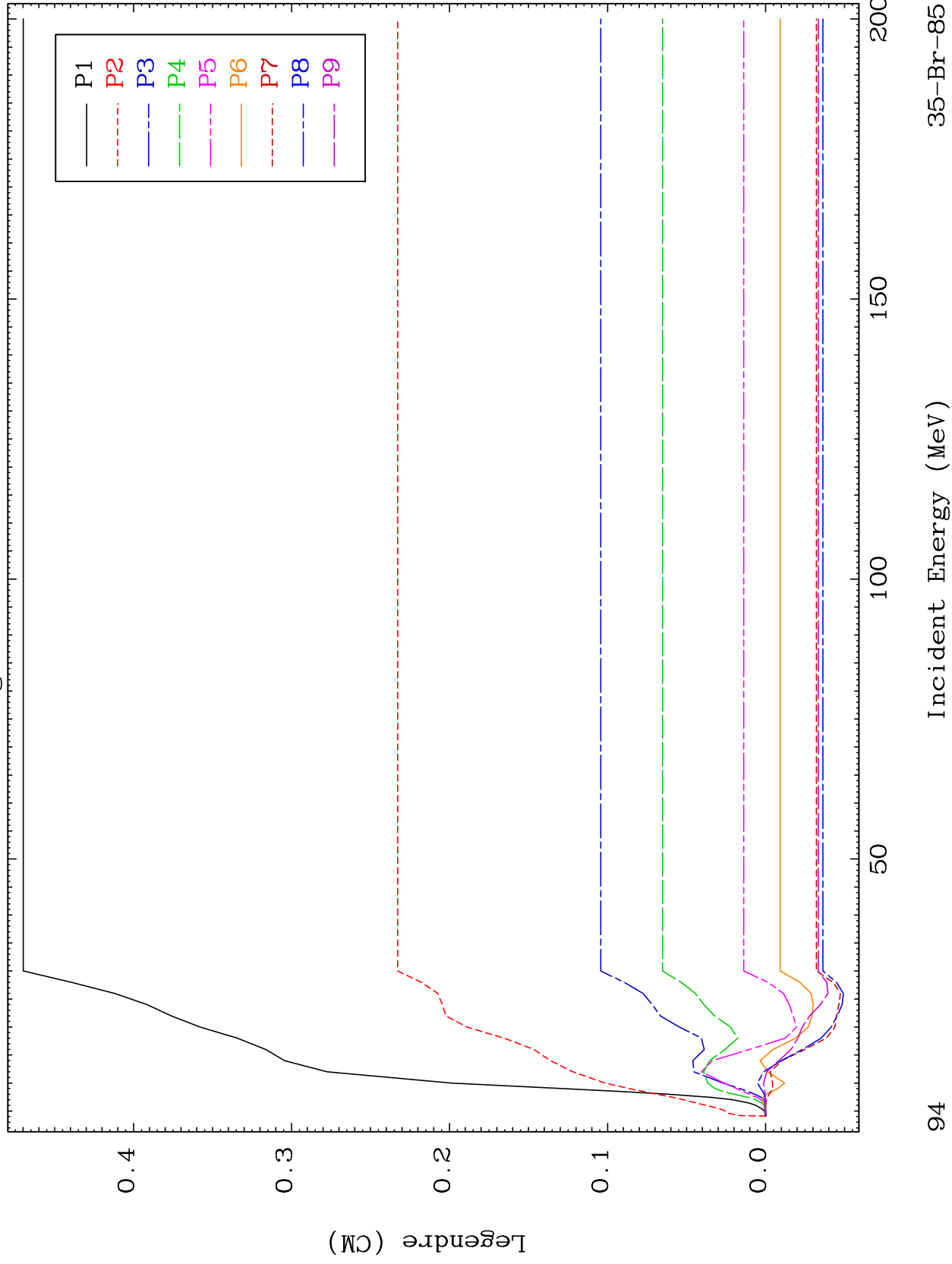
35-Br-85



MAT 3543

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

35-Br-85



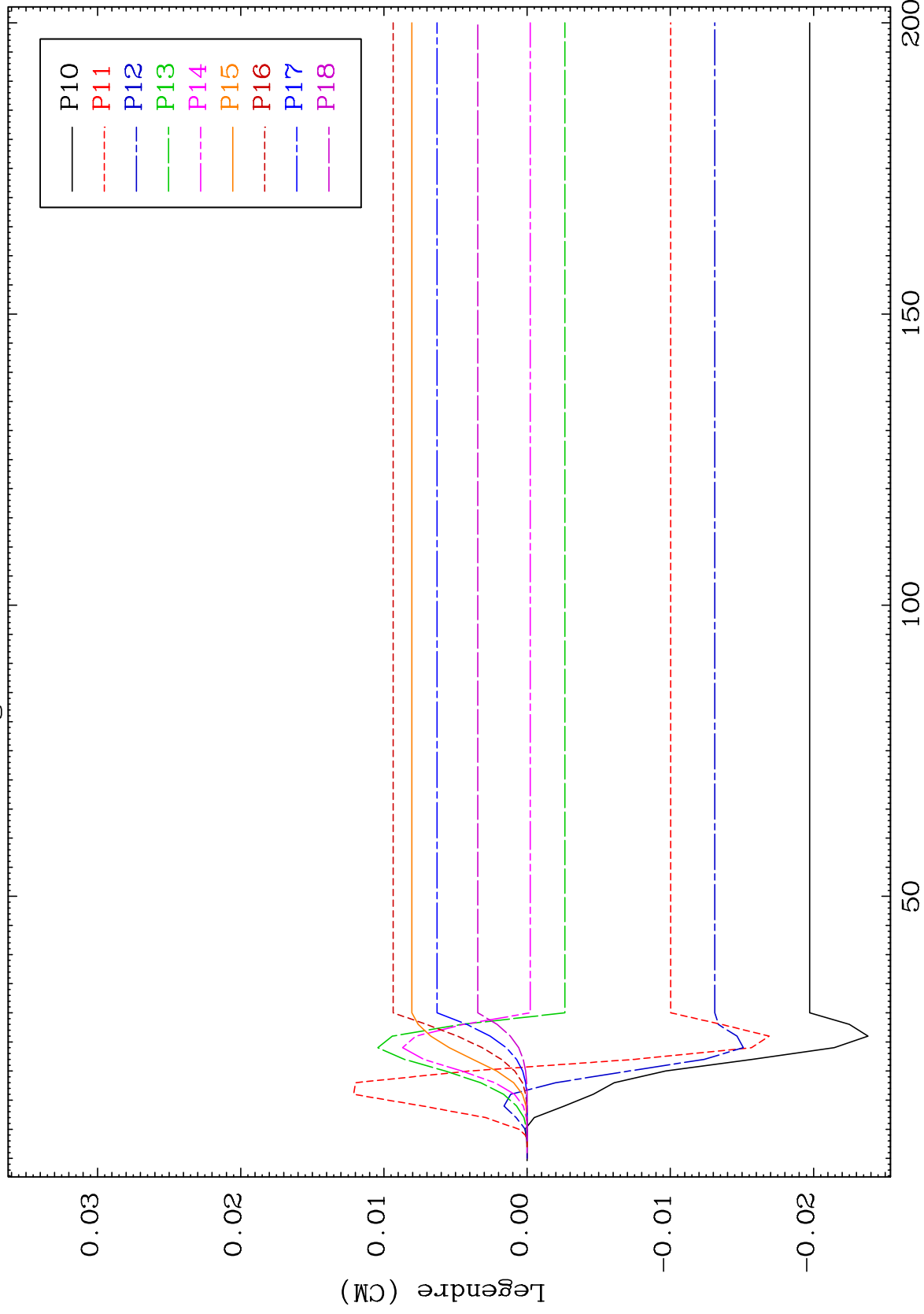
94

35-Br-85

MAT 3543

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

35-Br-85



95

Incident Energy (MeV)

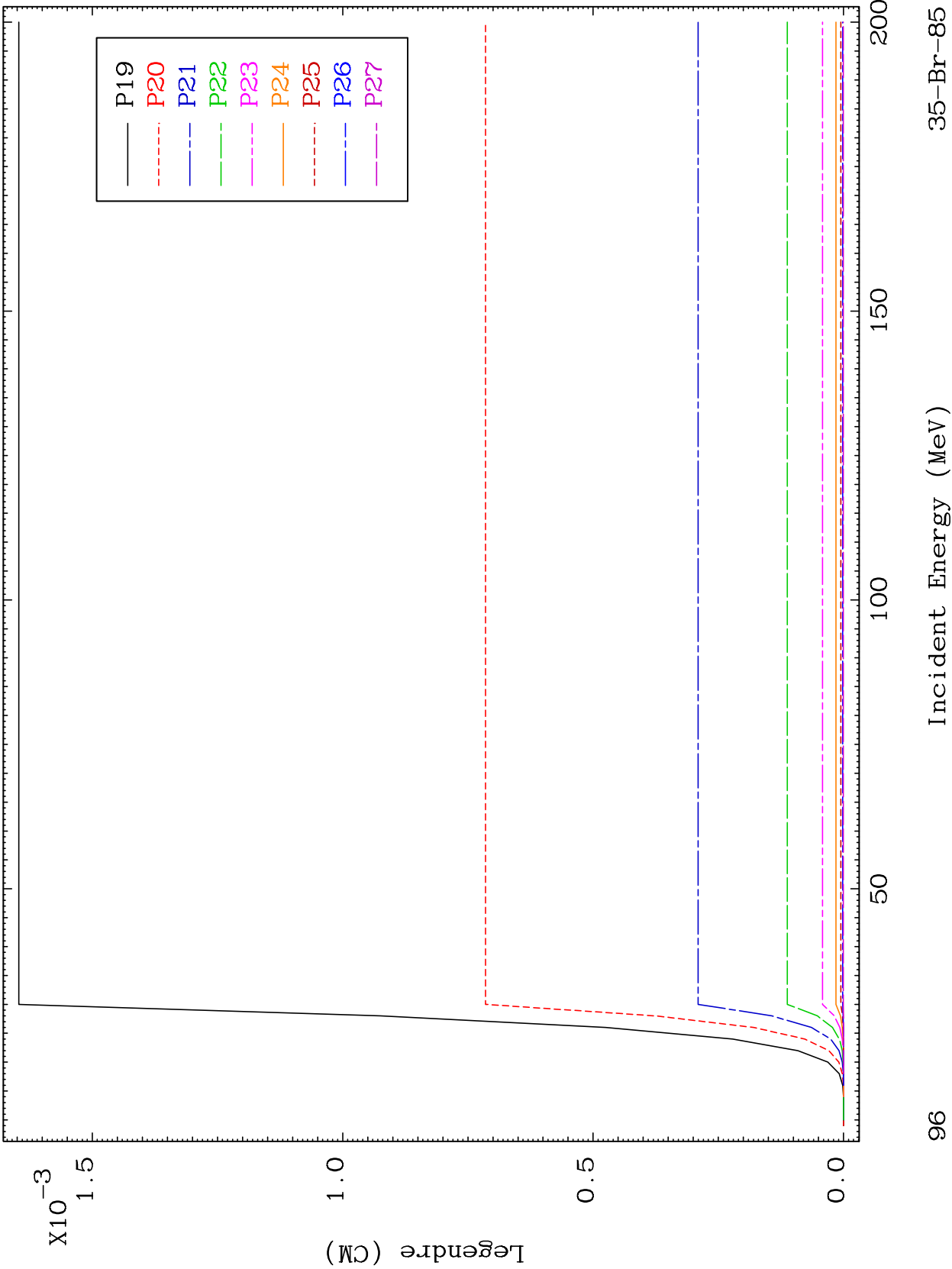
35-Br-85



MAT 3543

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

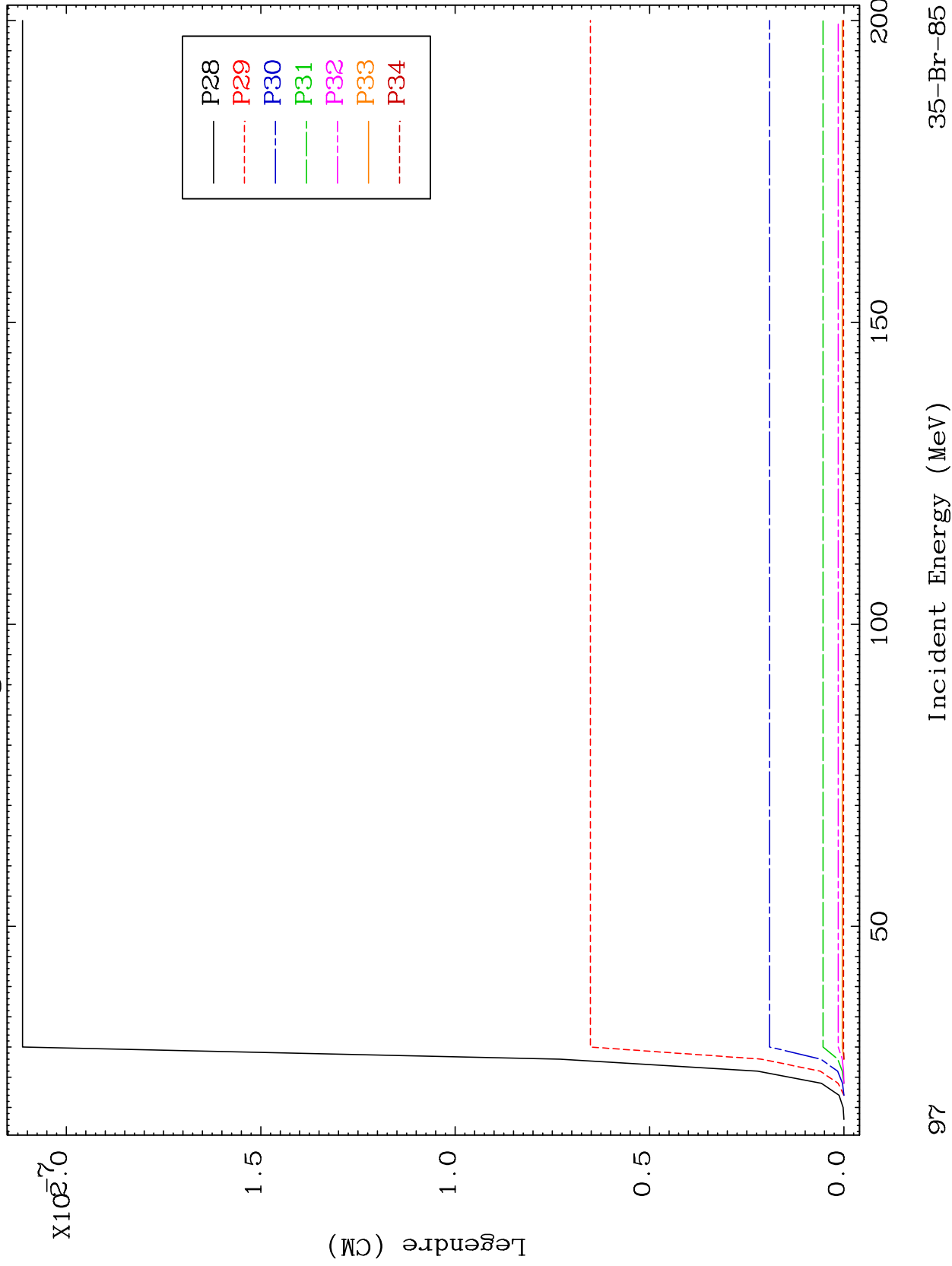
35-Br-85



MAT 3543

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

35-Br-85



97

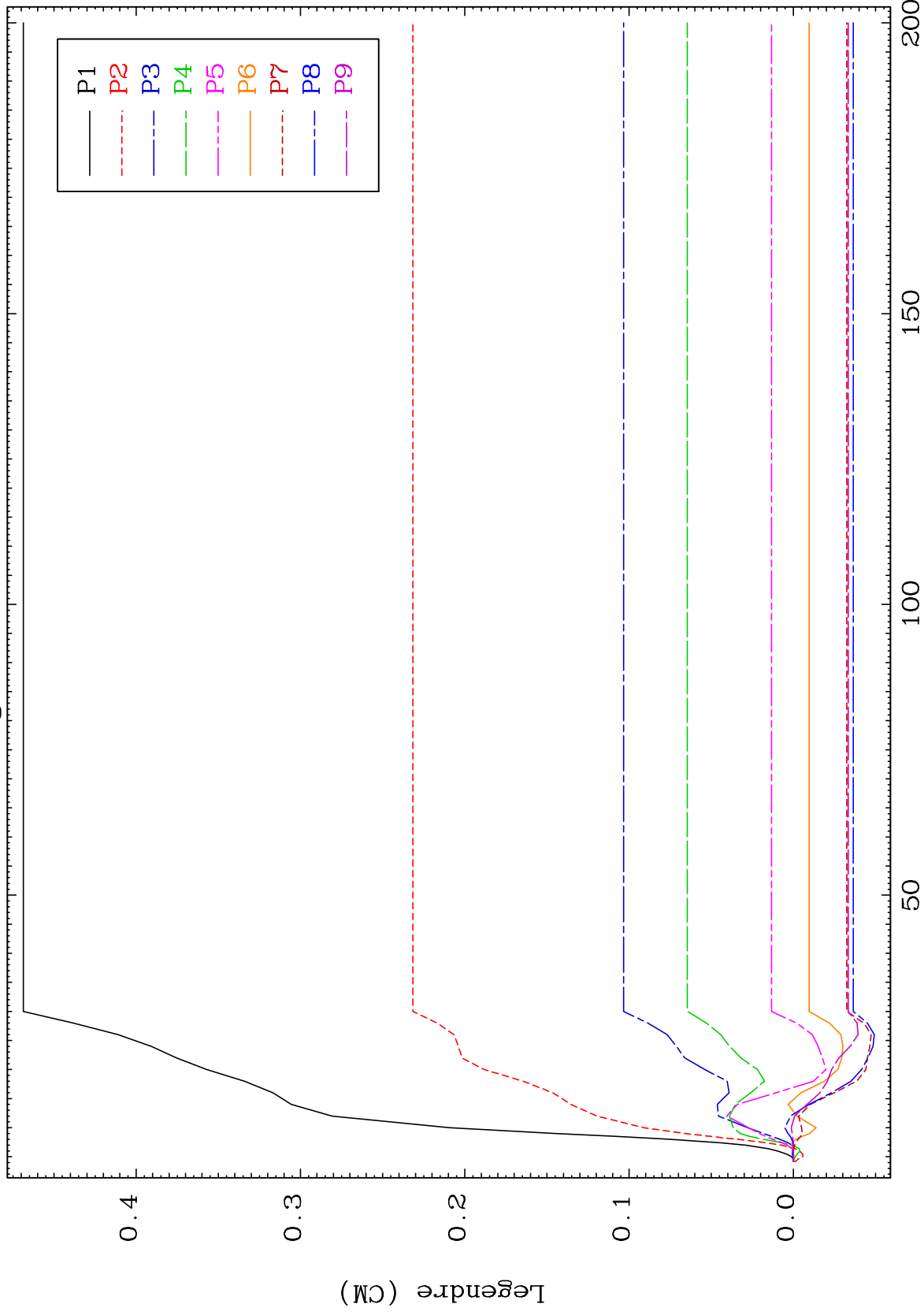
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



98

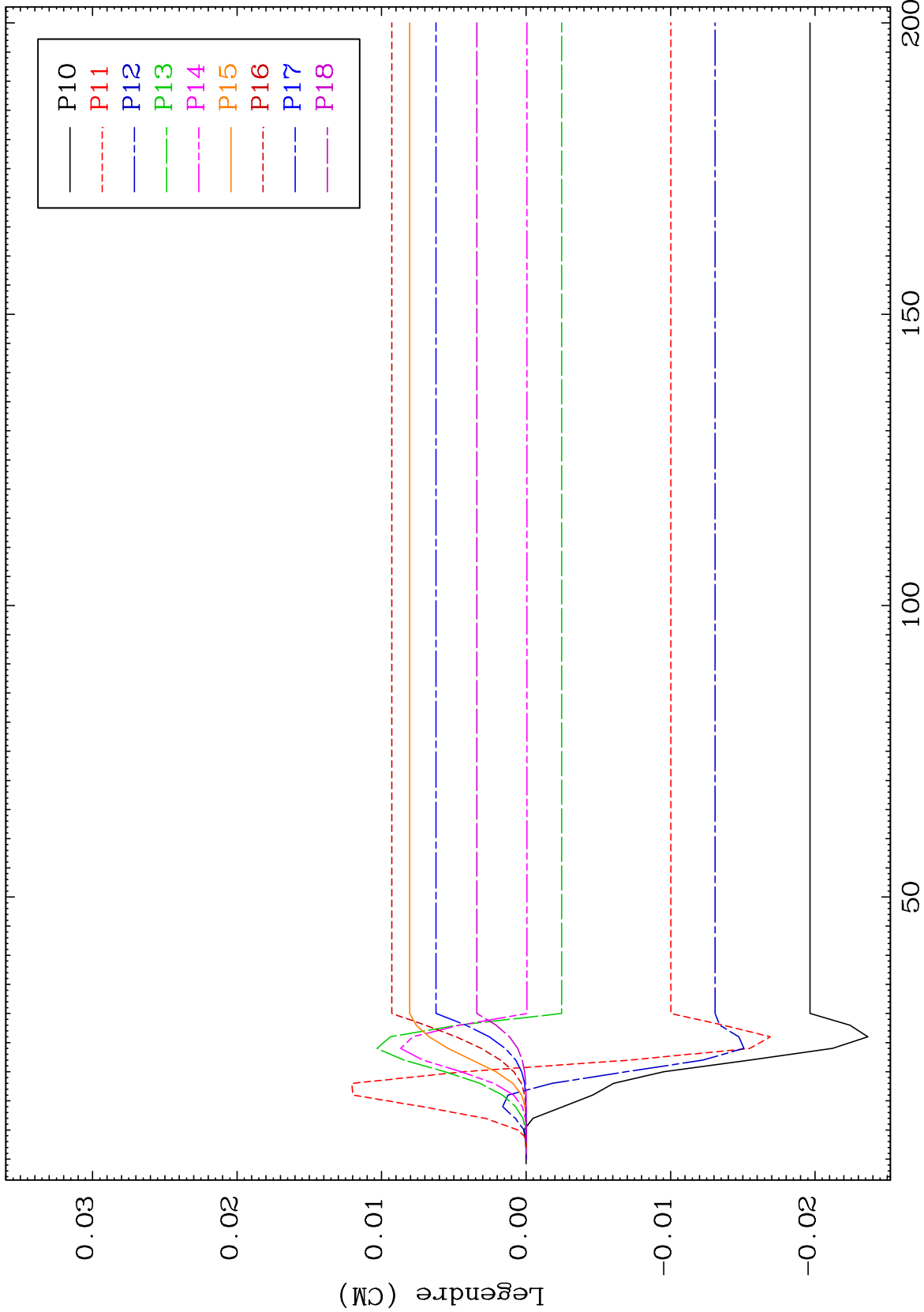
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



99

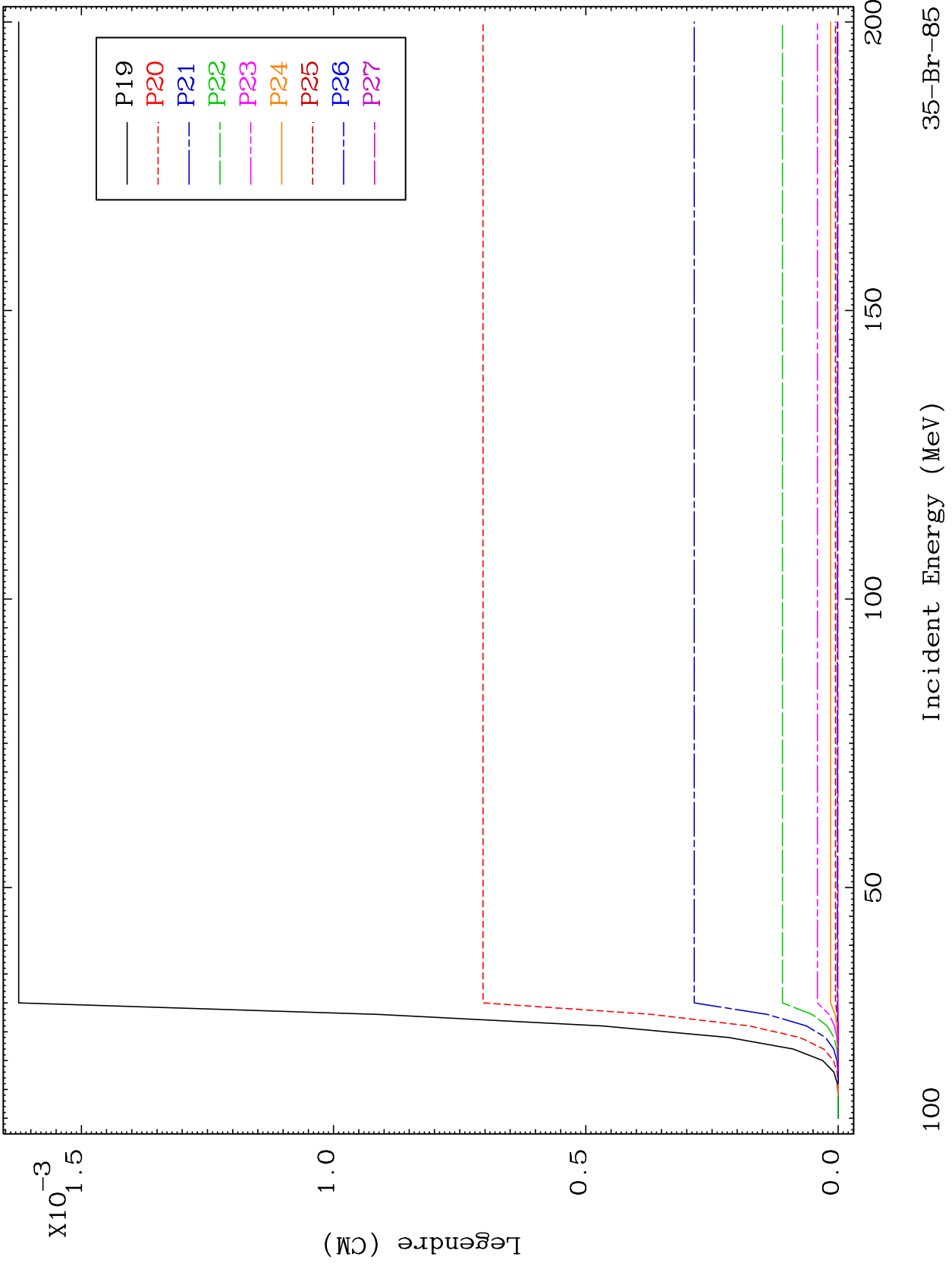
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



100

50

100

150

200

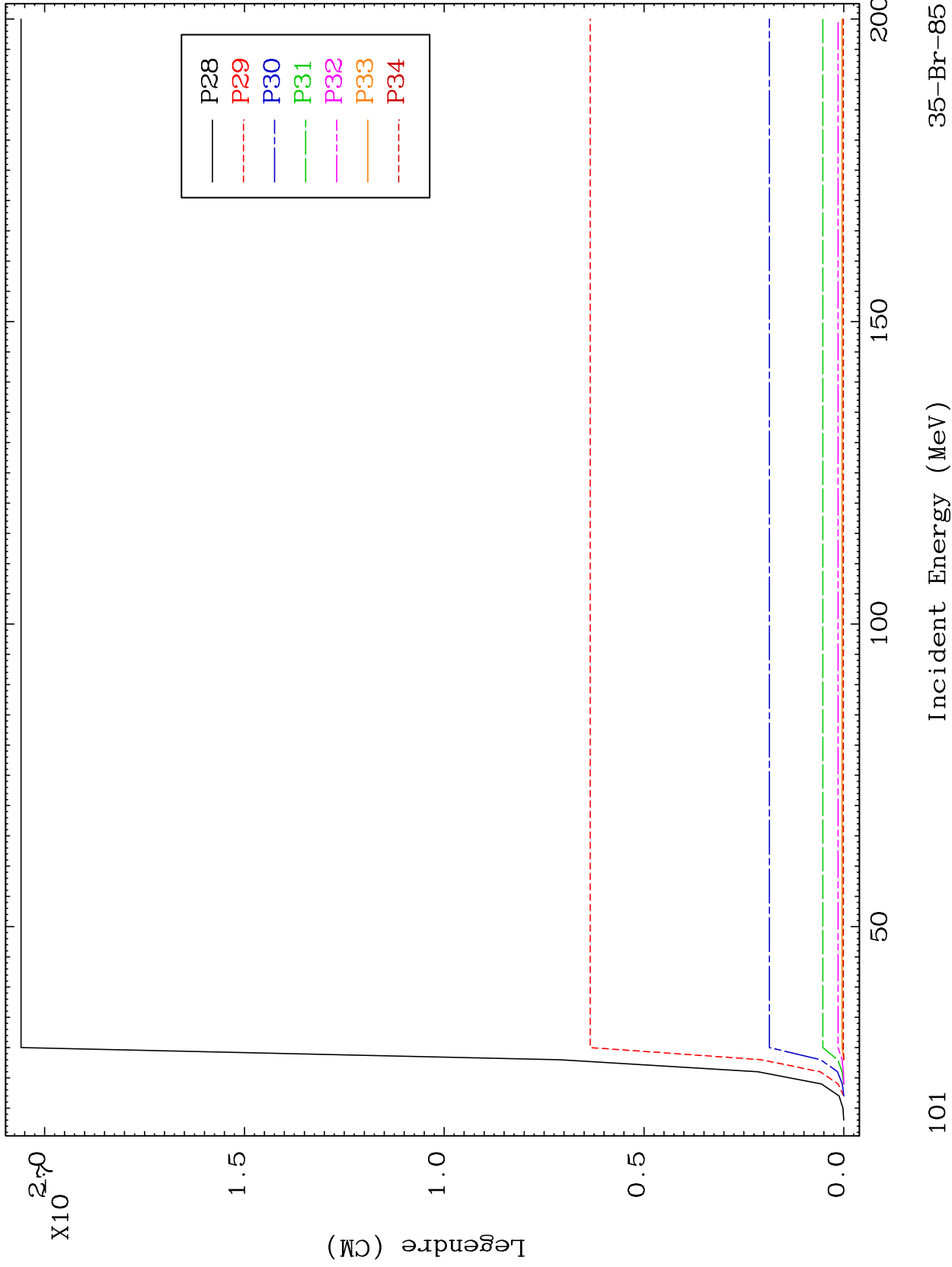
Incident Energy (MeV)

35-Br-85

MAT 3543

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

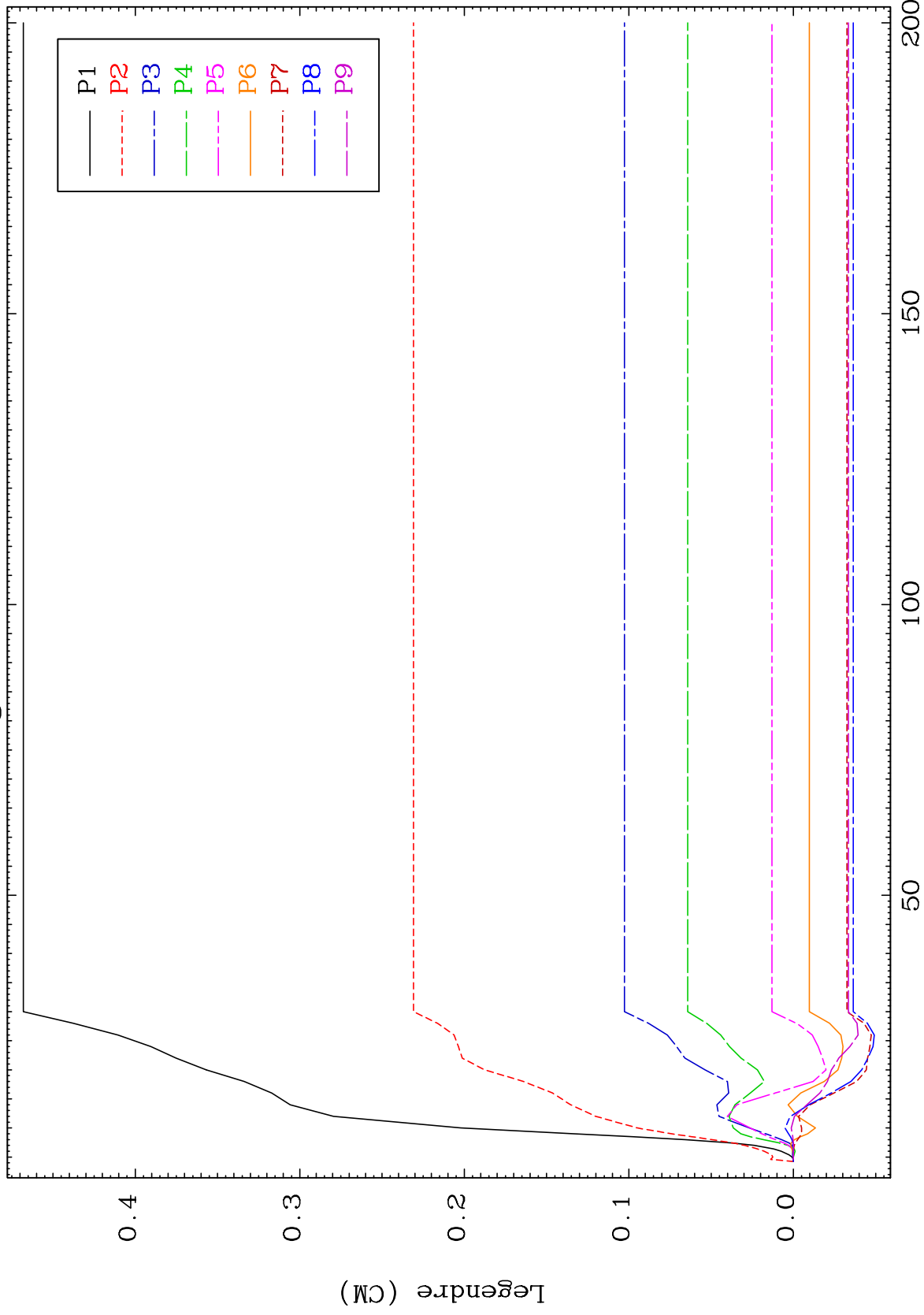
35-Br-85



MAT 3543

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

35-Br-85



102

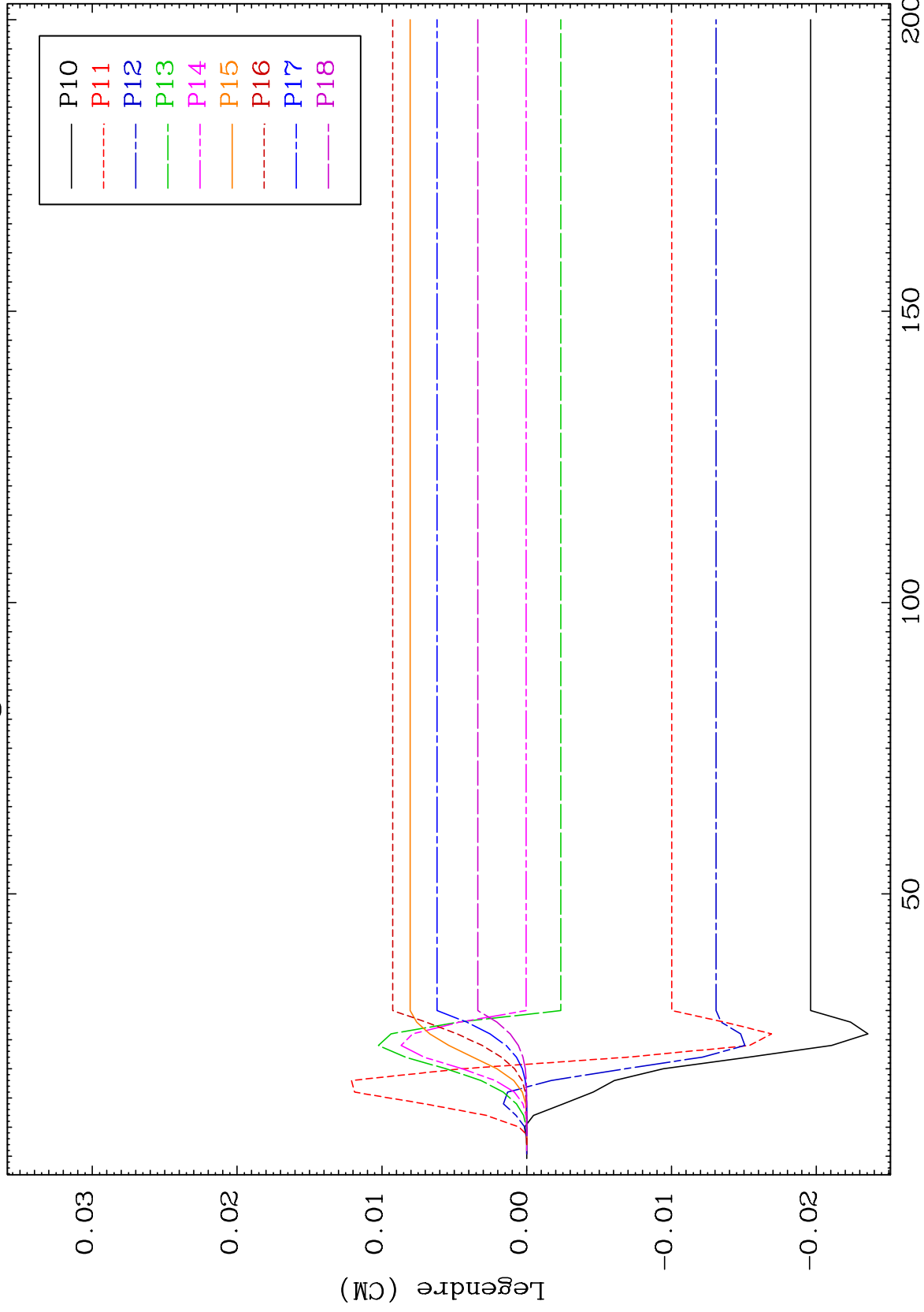
Incident Energy (MeV)

35-Br-85

MAT 3543

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

35-Br-85



103

Incident Energy (MeV)

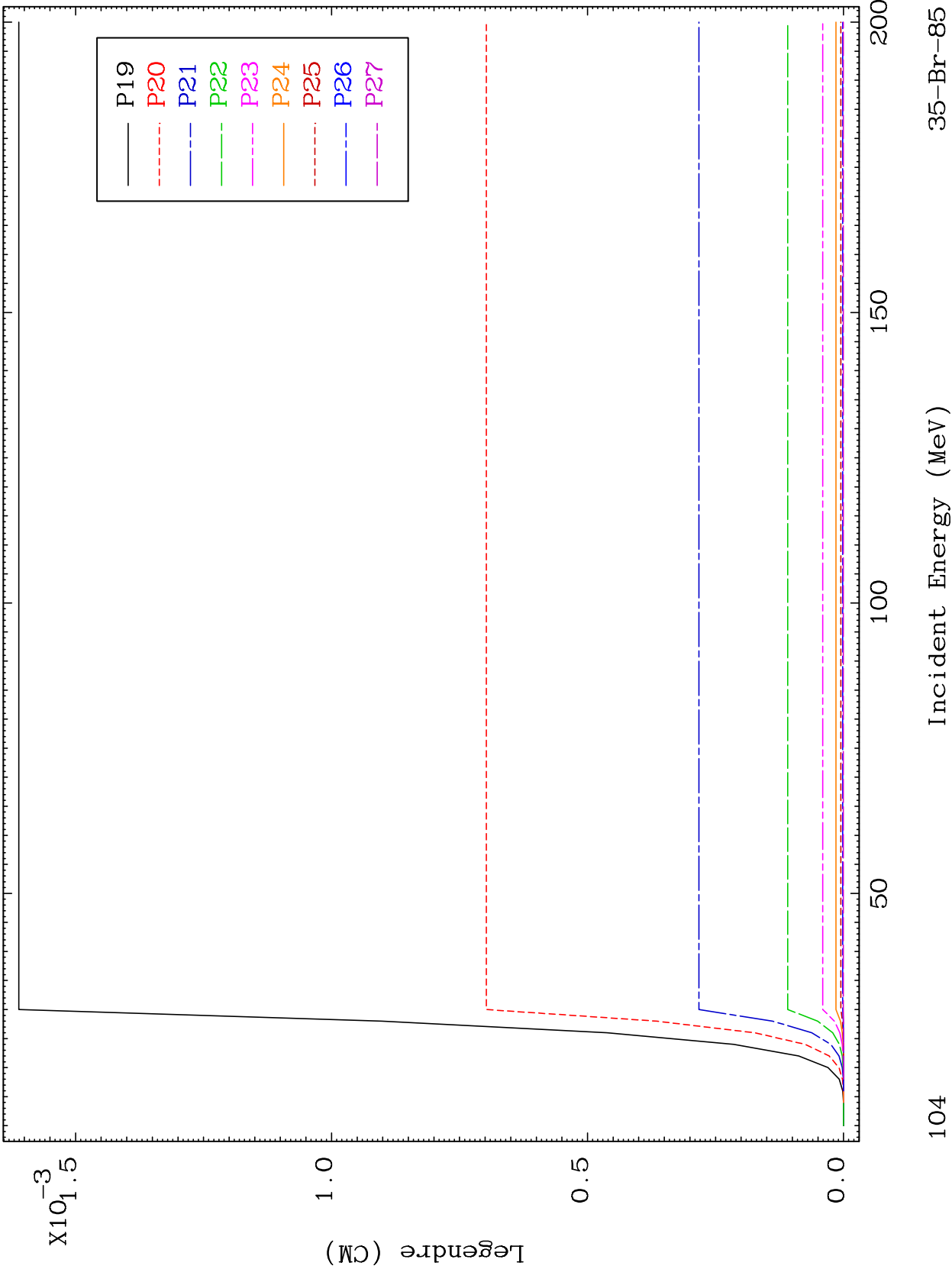
35-Br-85



MAT 3543

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

35-Br-85



104

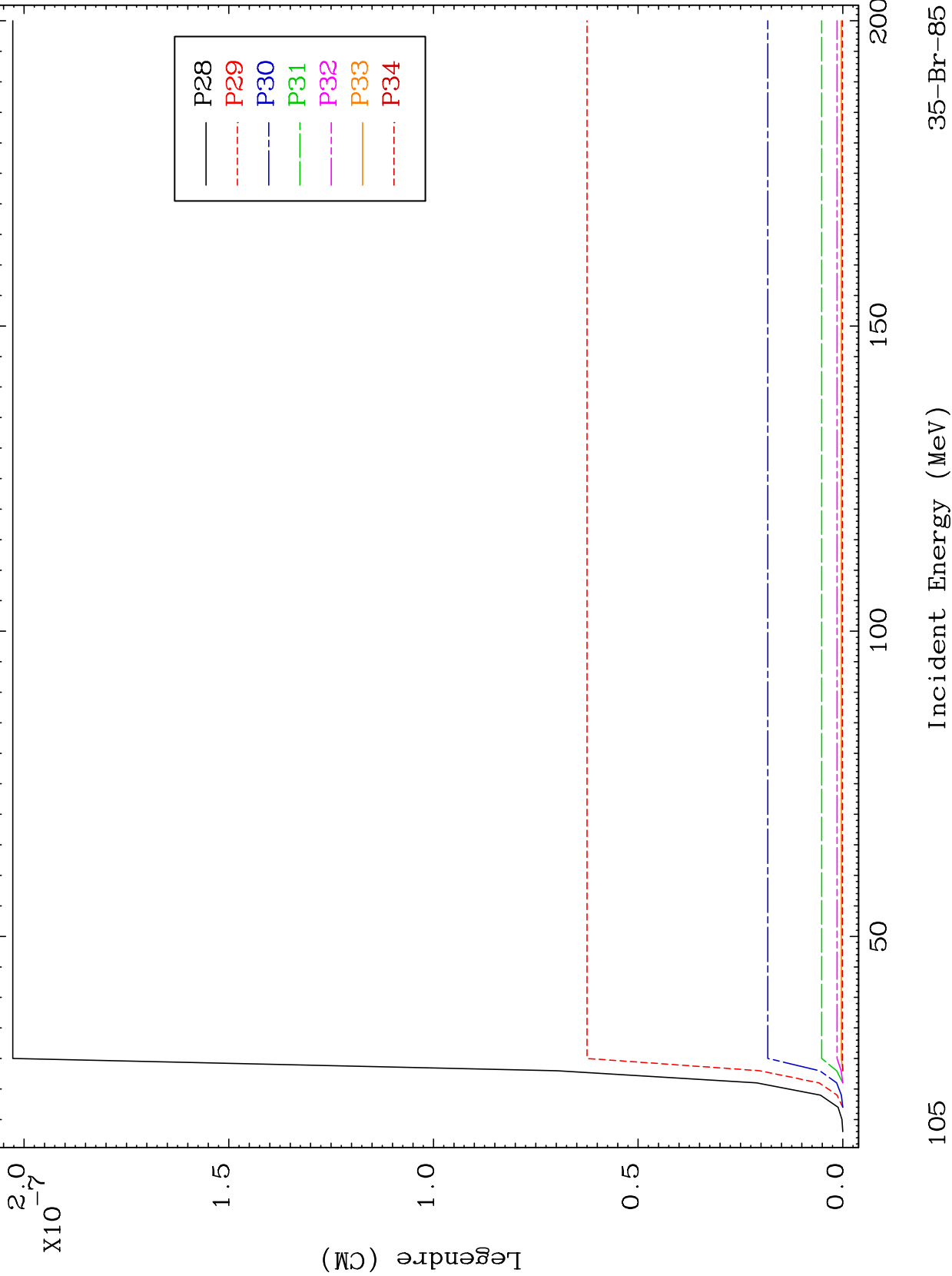
Incident Energy (MeV)

35-Br-85

MAT 3543

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

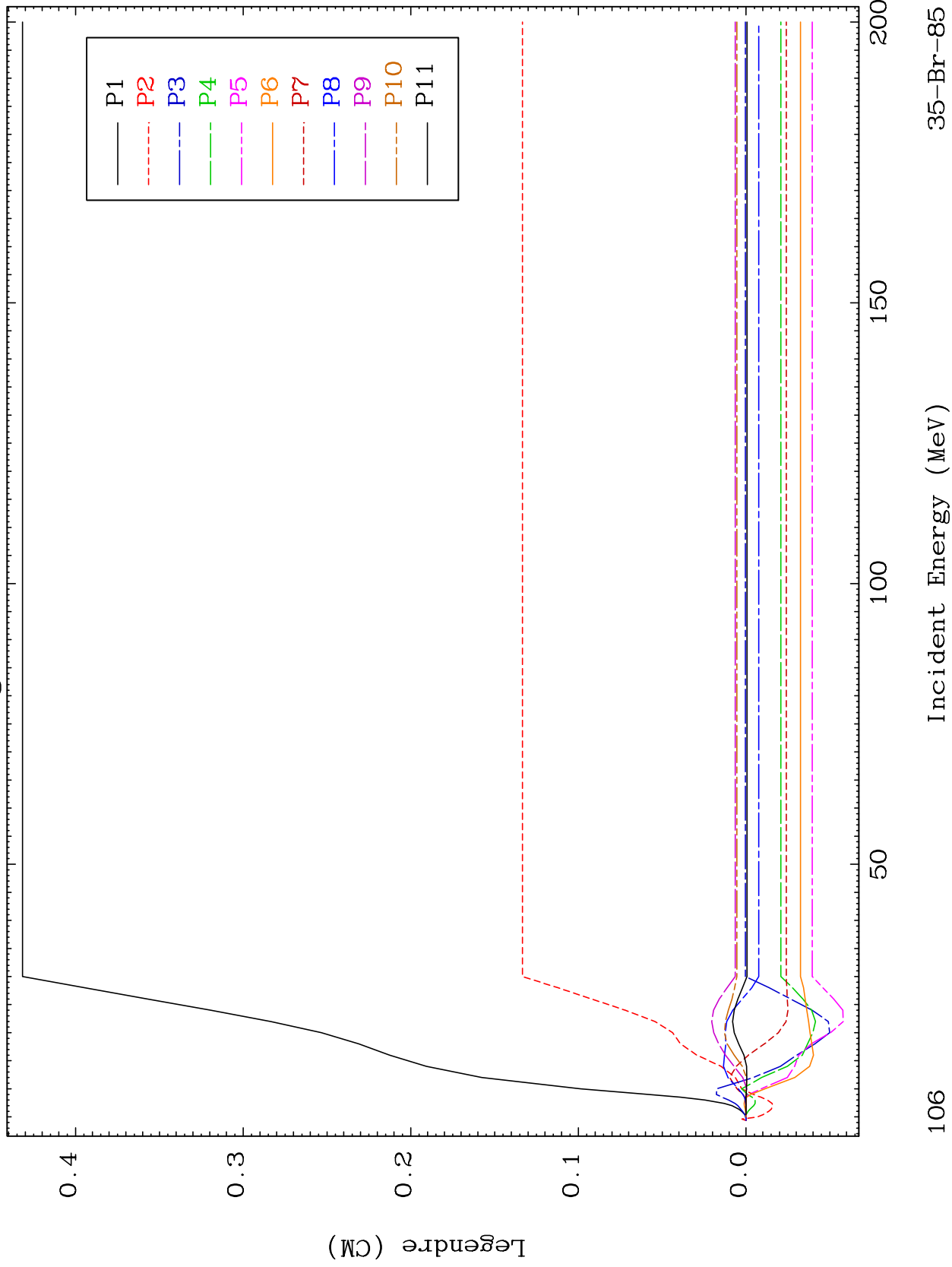
35-Br-85



MAT 3543

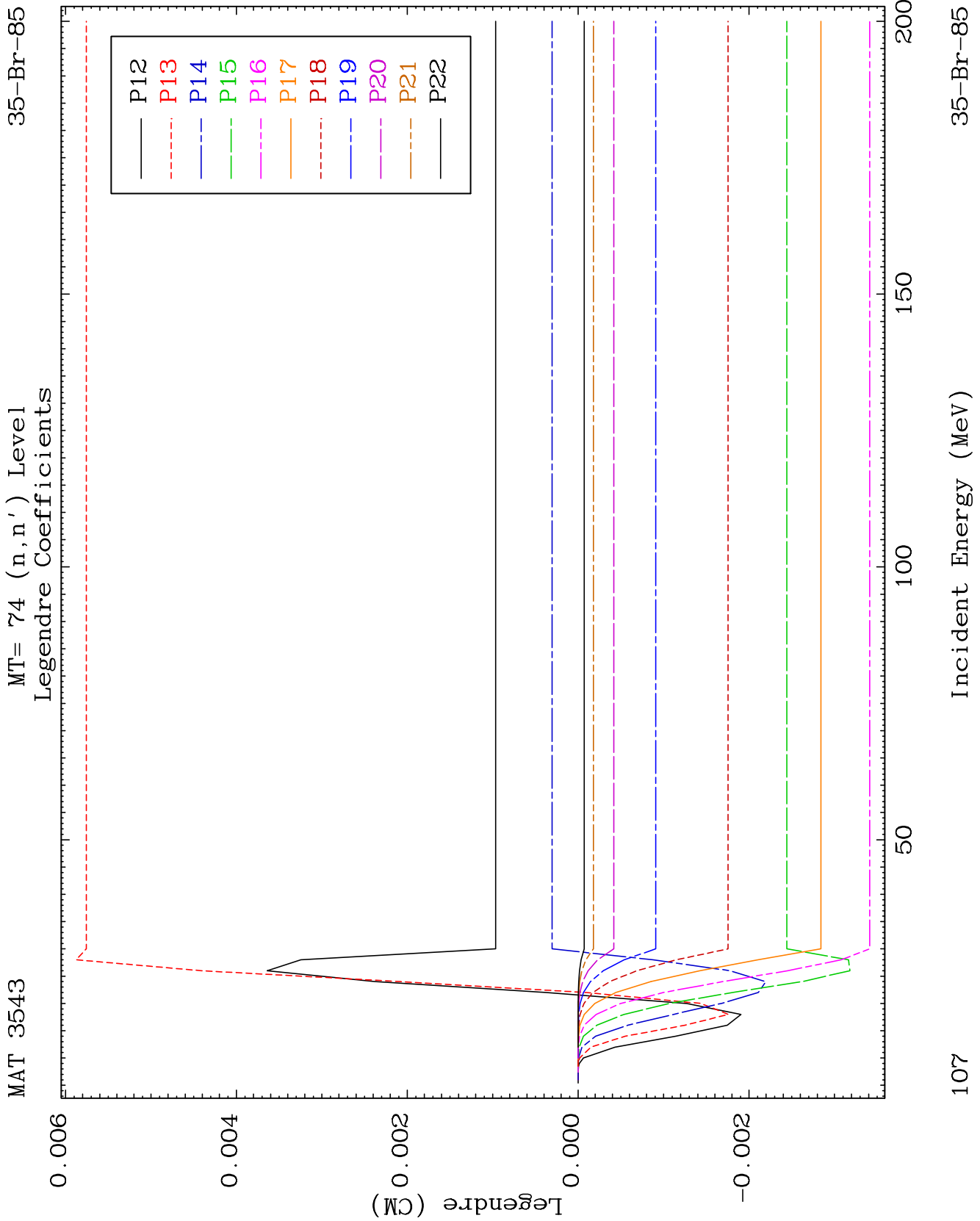
MT= 74 (n,n') Level  
Legendre Coefficients

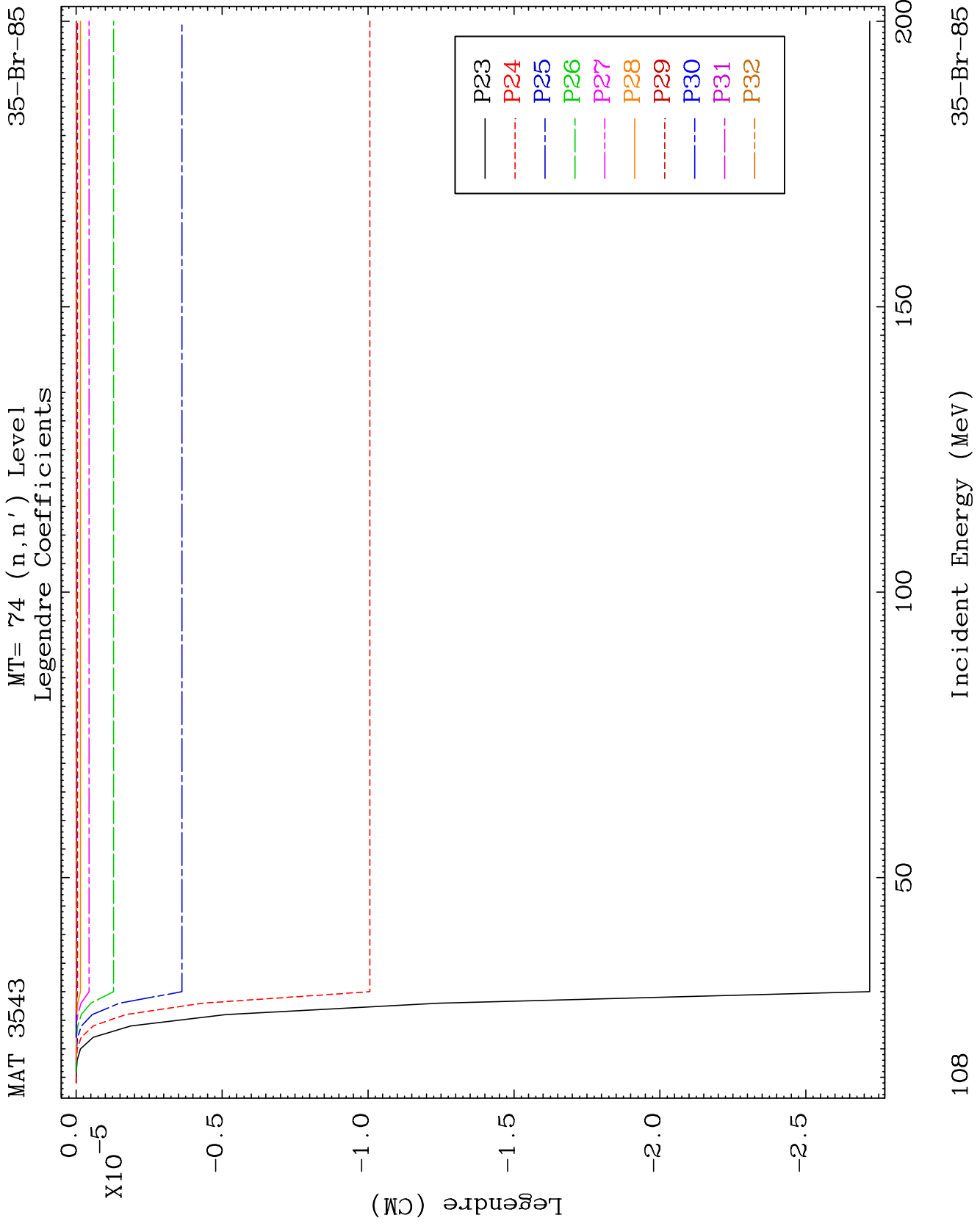
35-Br-85



106

35-Br-85

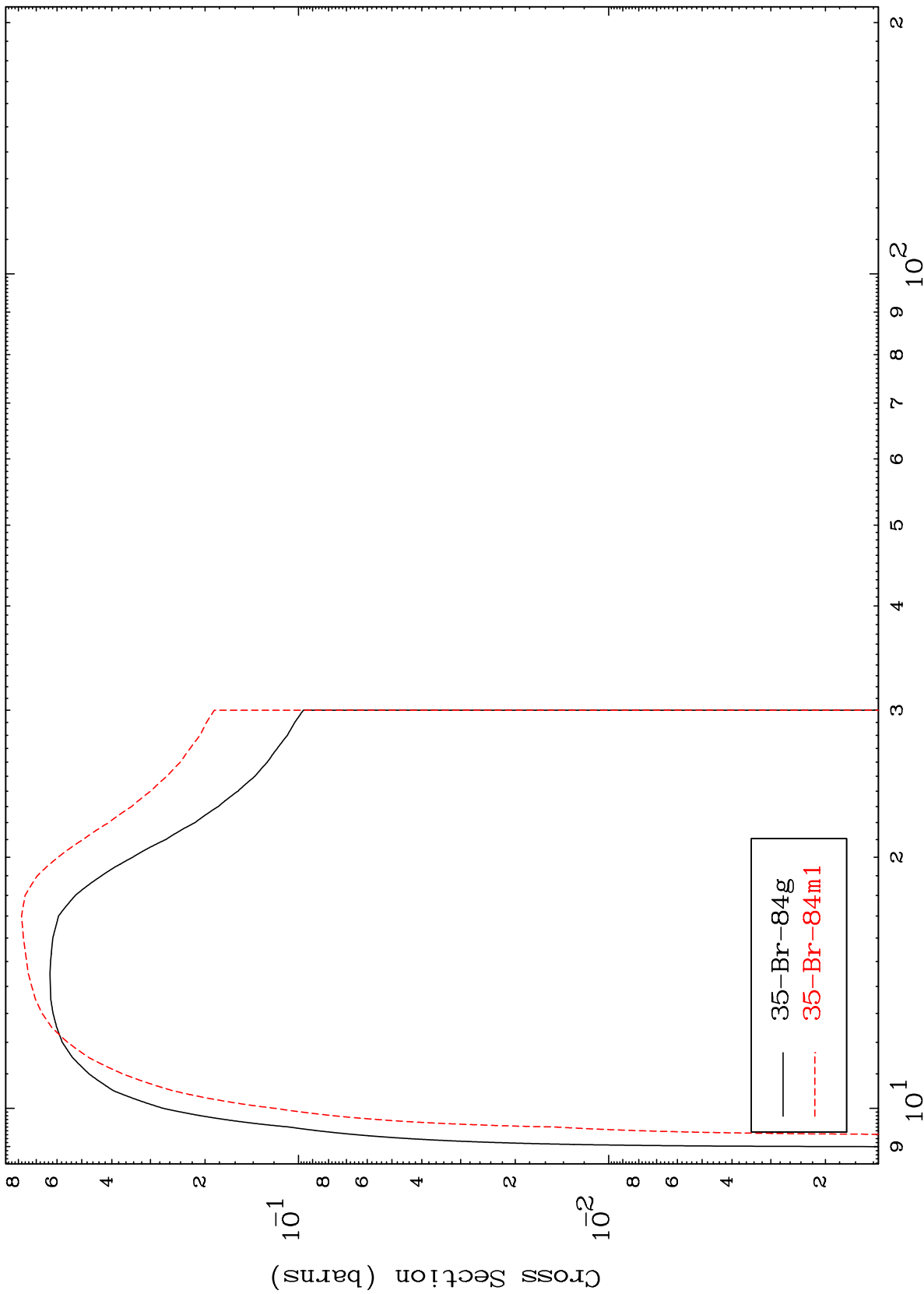




MAT 3543

<sup>35</sup>Br-85

(n,2n)  
Radionuclide Production Cross Section



— 35-Br-84g  
- - - 35-Br-84m1

<sup>35</sup>Br-85

Incident Energy (MeV)

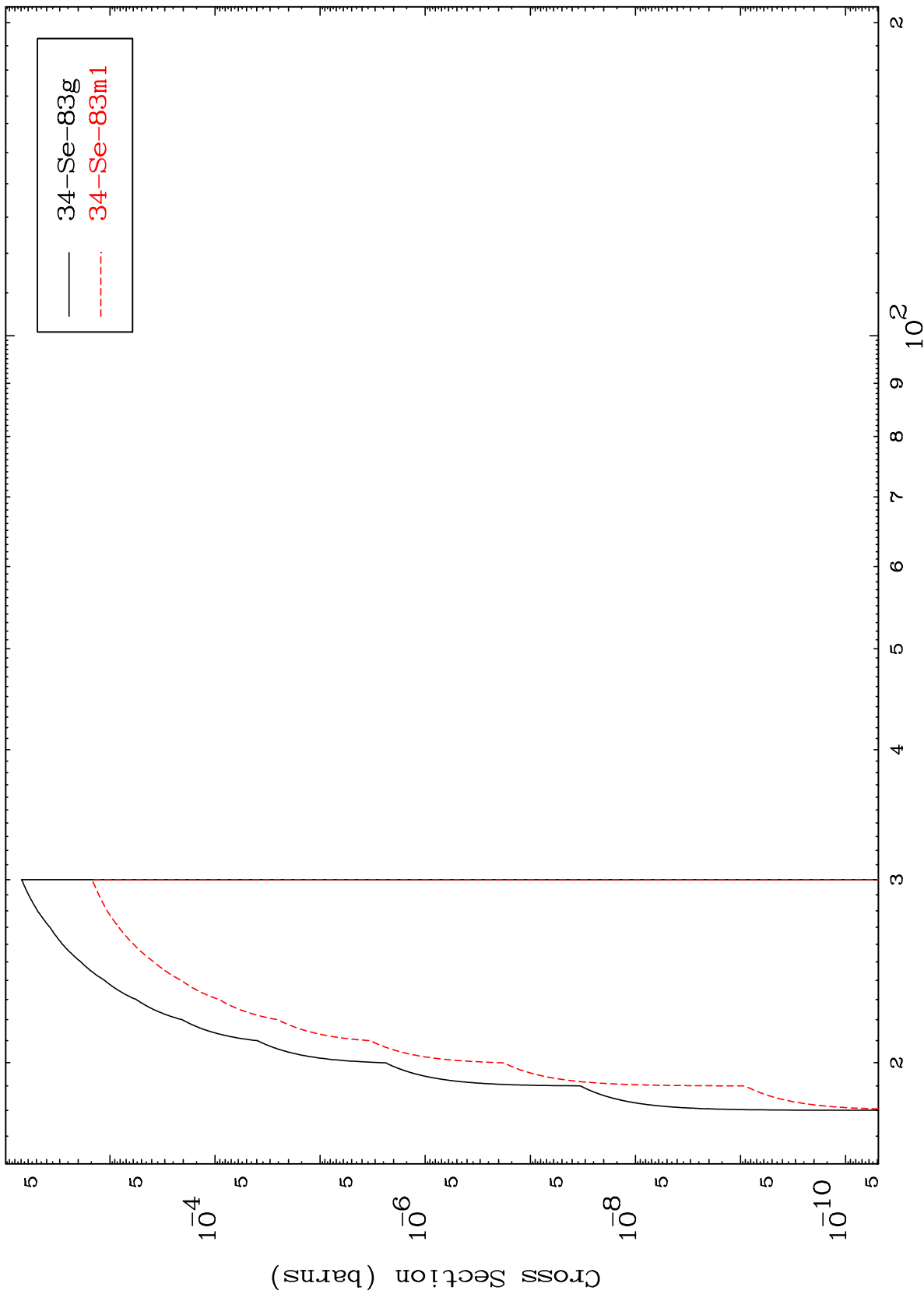
109

MAT 3543

(n,n') d

35-Br-85

Radionuclide Production Cross Section



110

Incident Energy (MeV)

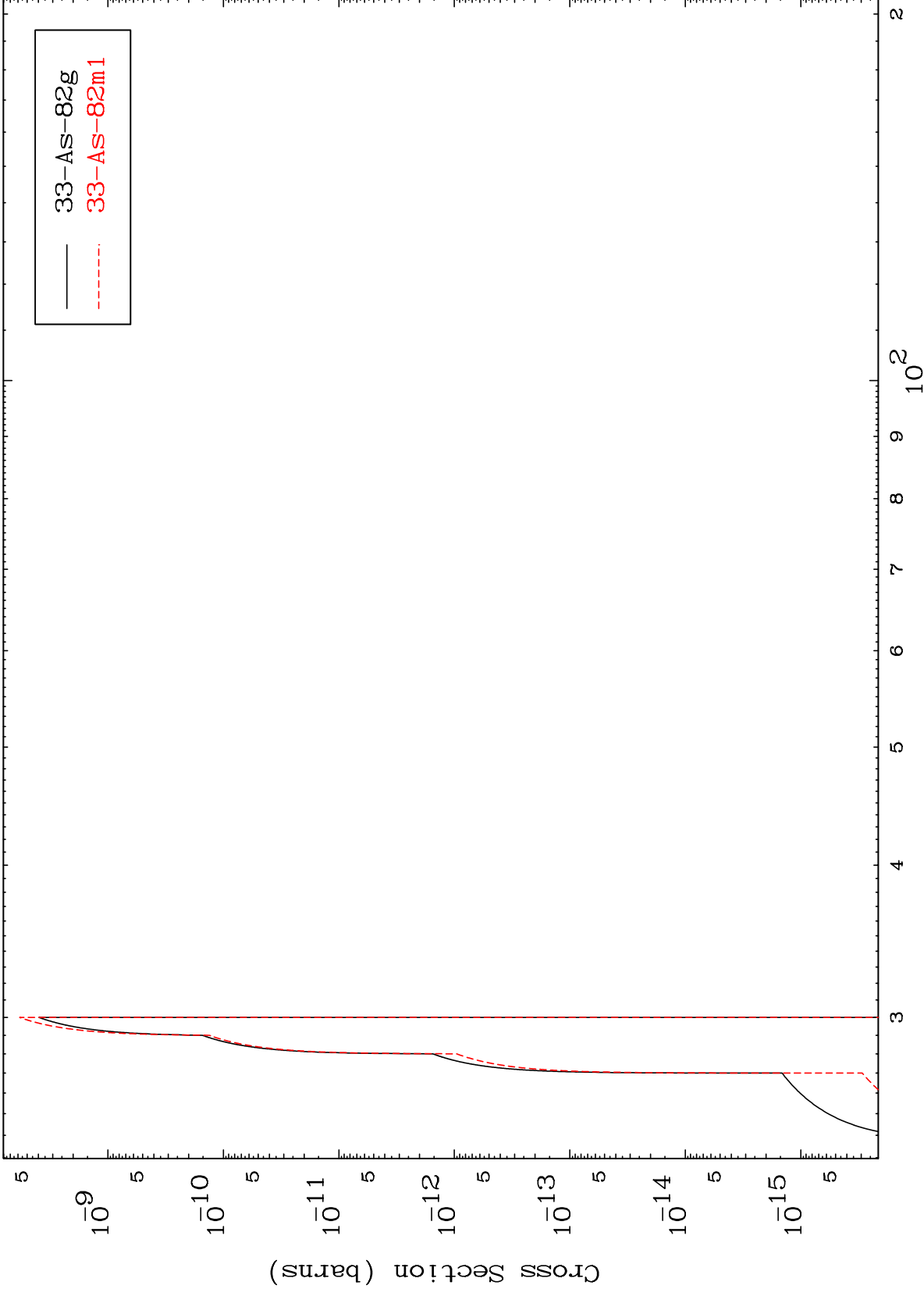
35-Br-85

MAT 3543

(n,n') He-3

35-Br-85

Radionuclide Production Cross Section



111

Incident Energy (MeV)

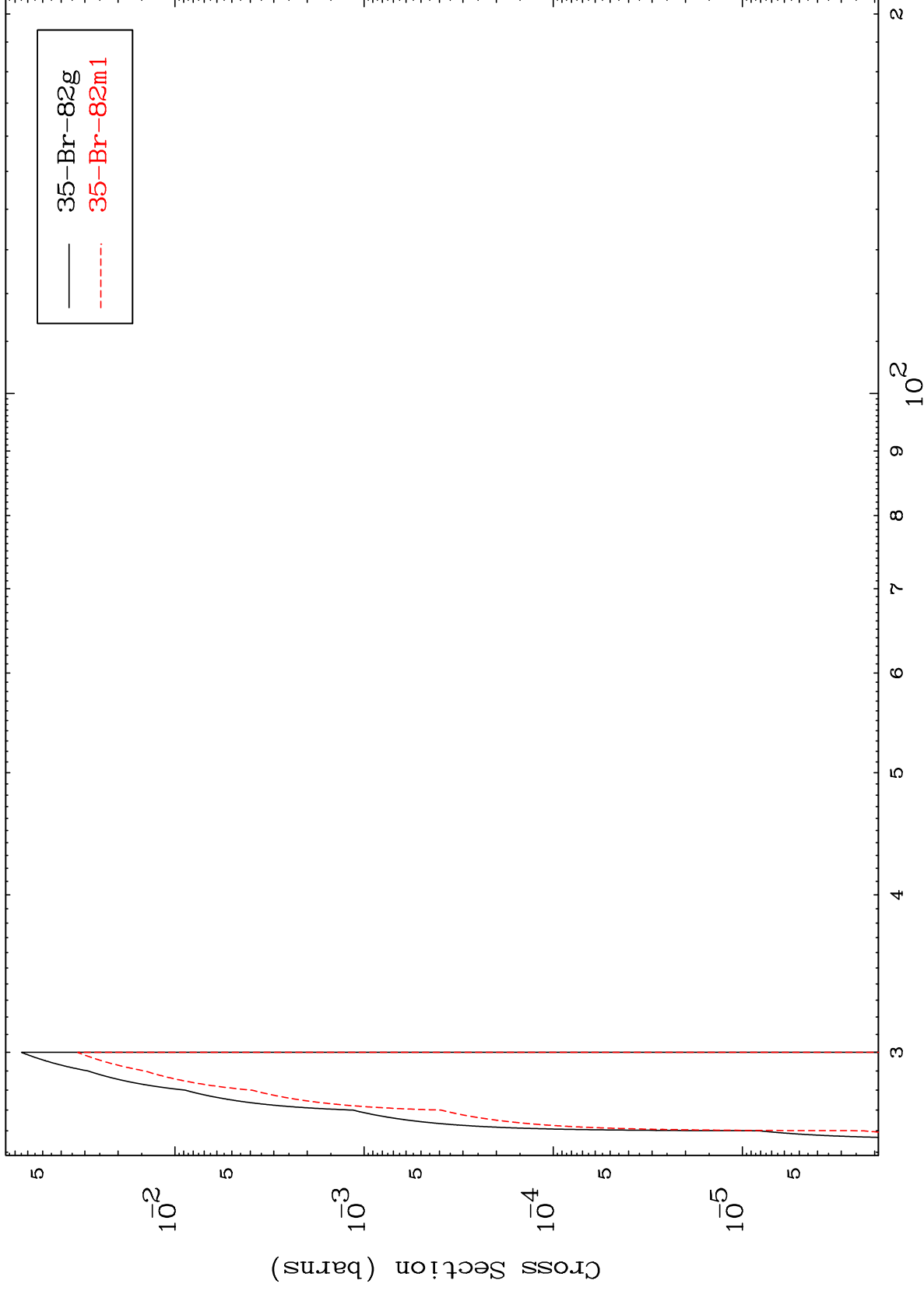
35-Br-85



MAT 3543

35-Br-85

(n,4n)  
Radionuclide Production Cross Section



35-Br-85

Incident Energy (MeV)

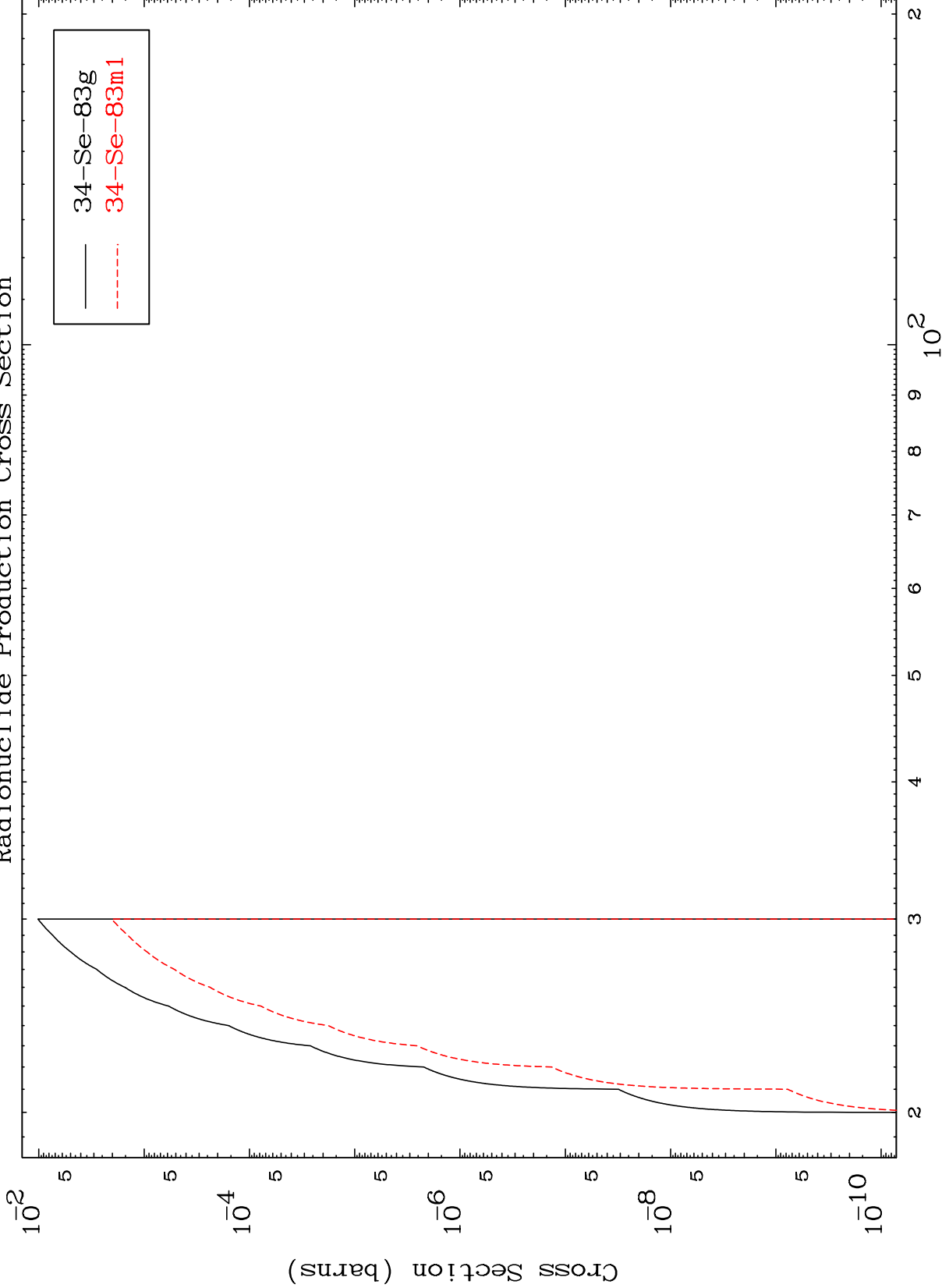
112

MAT 3543

(n,2n) p

35-Br-85

Radionuclide Production Cross Section



113

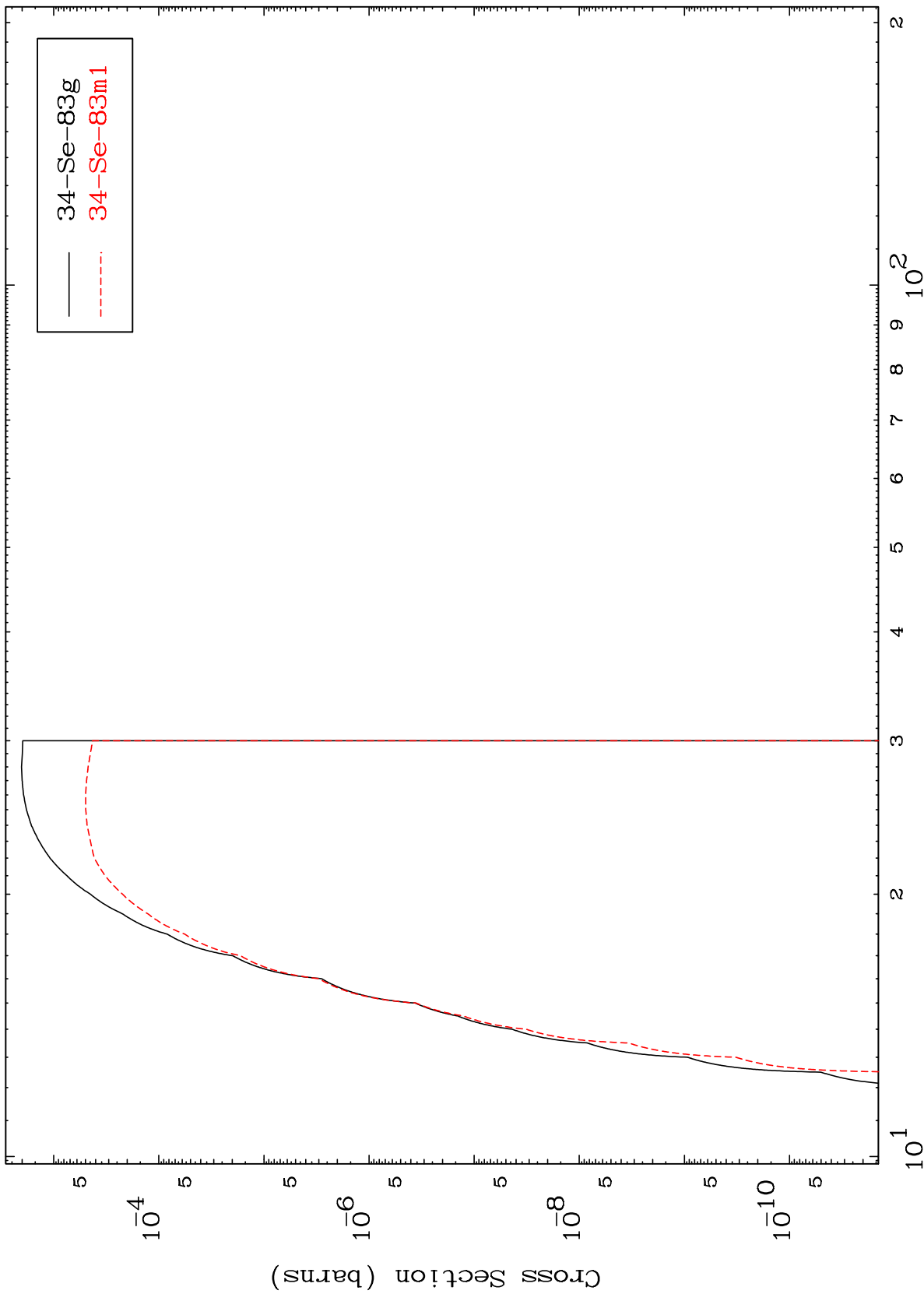
Incident Energy (MeV)

35-Br-85

MAT 3543

35-Br-85

(n,t)  
Radionuclide Production Cross Section



34-Se-83g  
34-Se-83m1

35-Br-85

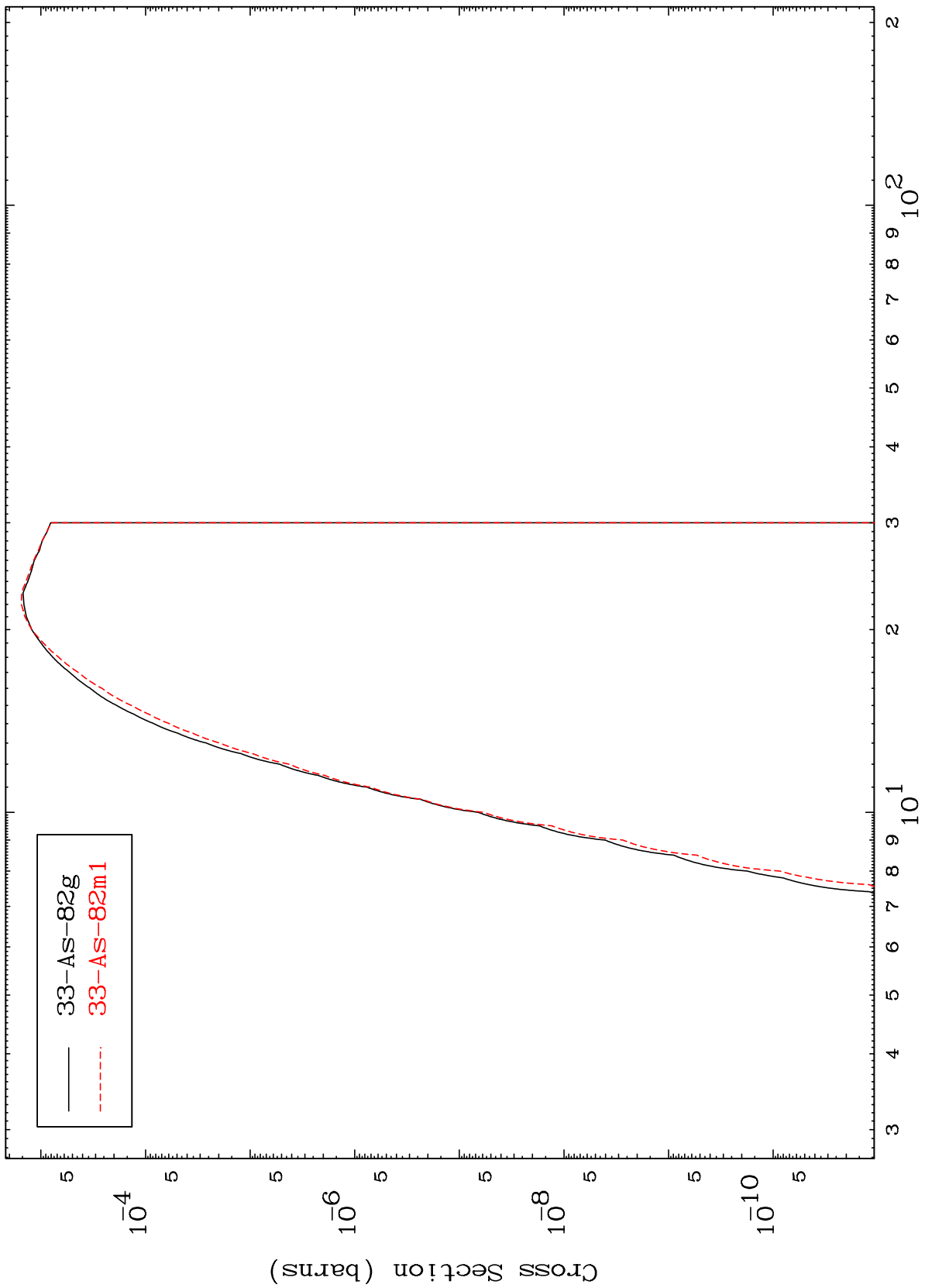
Incident Energy (MeV)

114

MAT 3543

35-Br-85

Radionuclide Production Cross Section  
(n,  $\alpha$ )



115

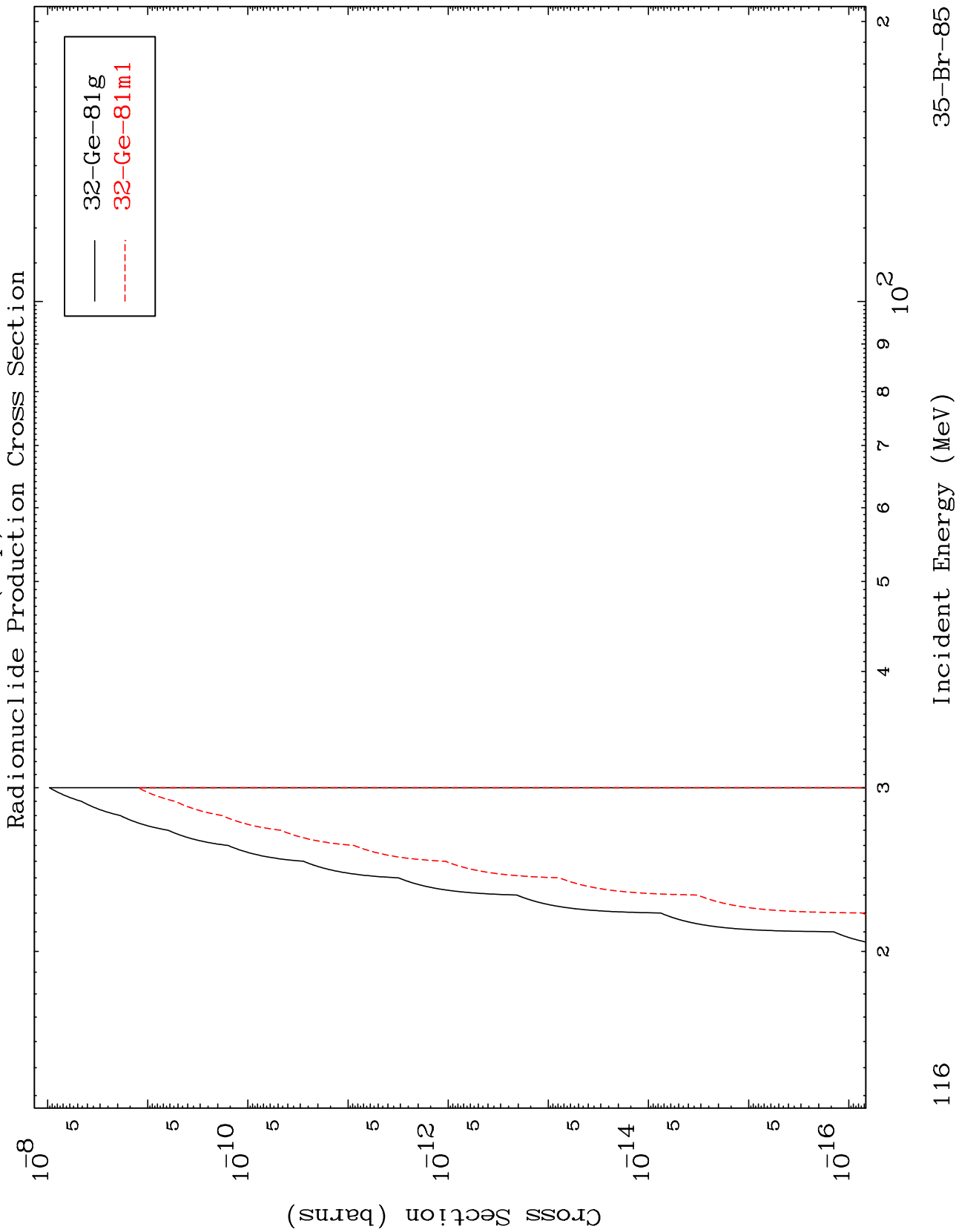
Incident Energy (MeV)

35-Br-85

MAT 3543

(n,p)  $\alpha$

35-Br-85



116

35-Br-85