

Program EVALPLOT  
(Version 2021-1)

by

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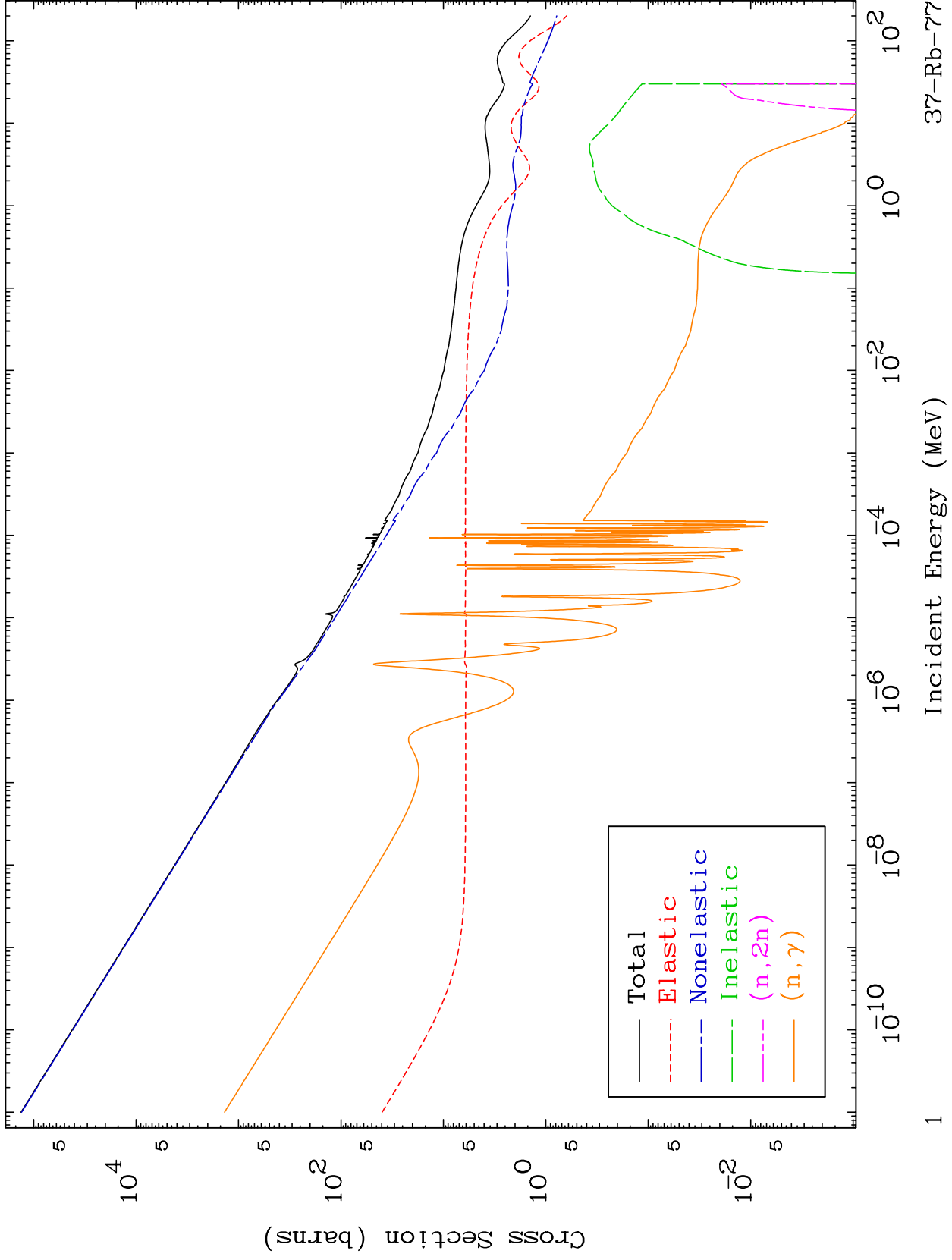
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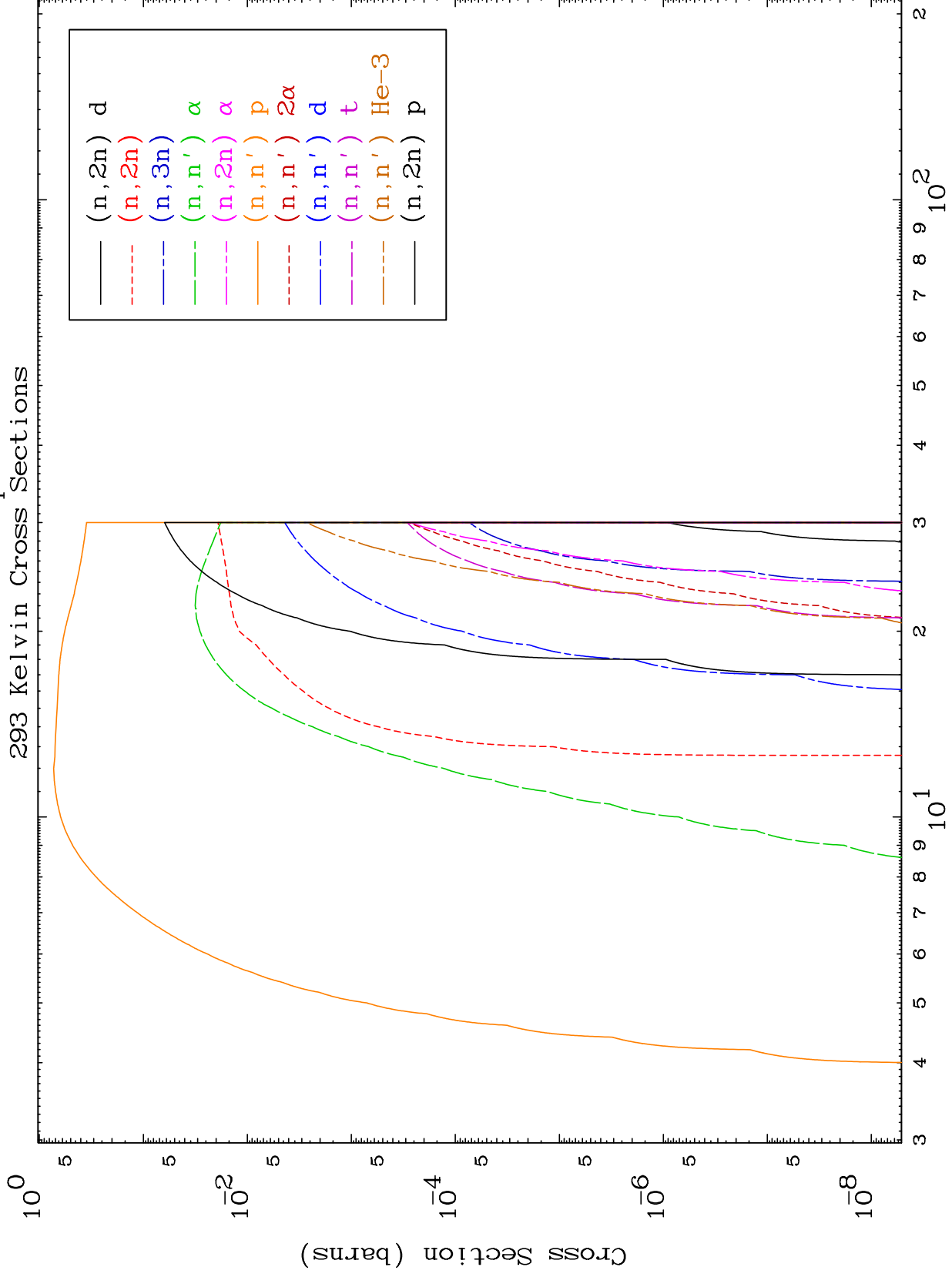
Press Mouse Button to Start

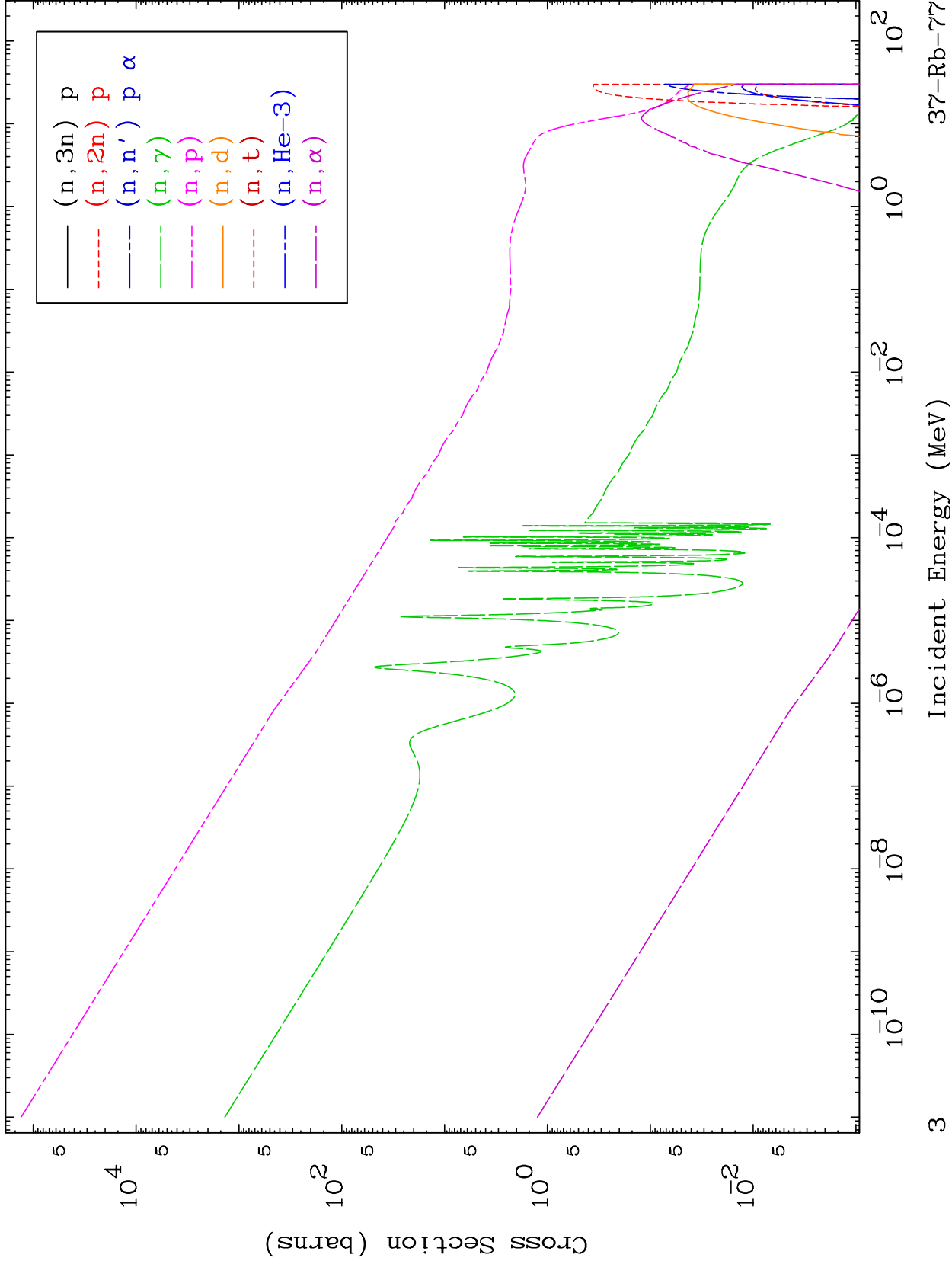
MAT 3701

Neutron Major  
293 Kelvin Cross Sections

37-Rb-77



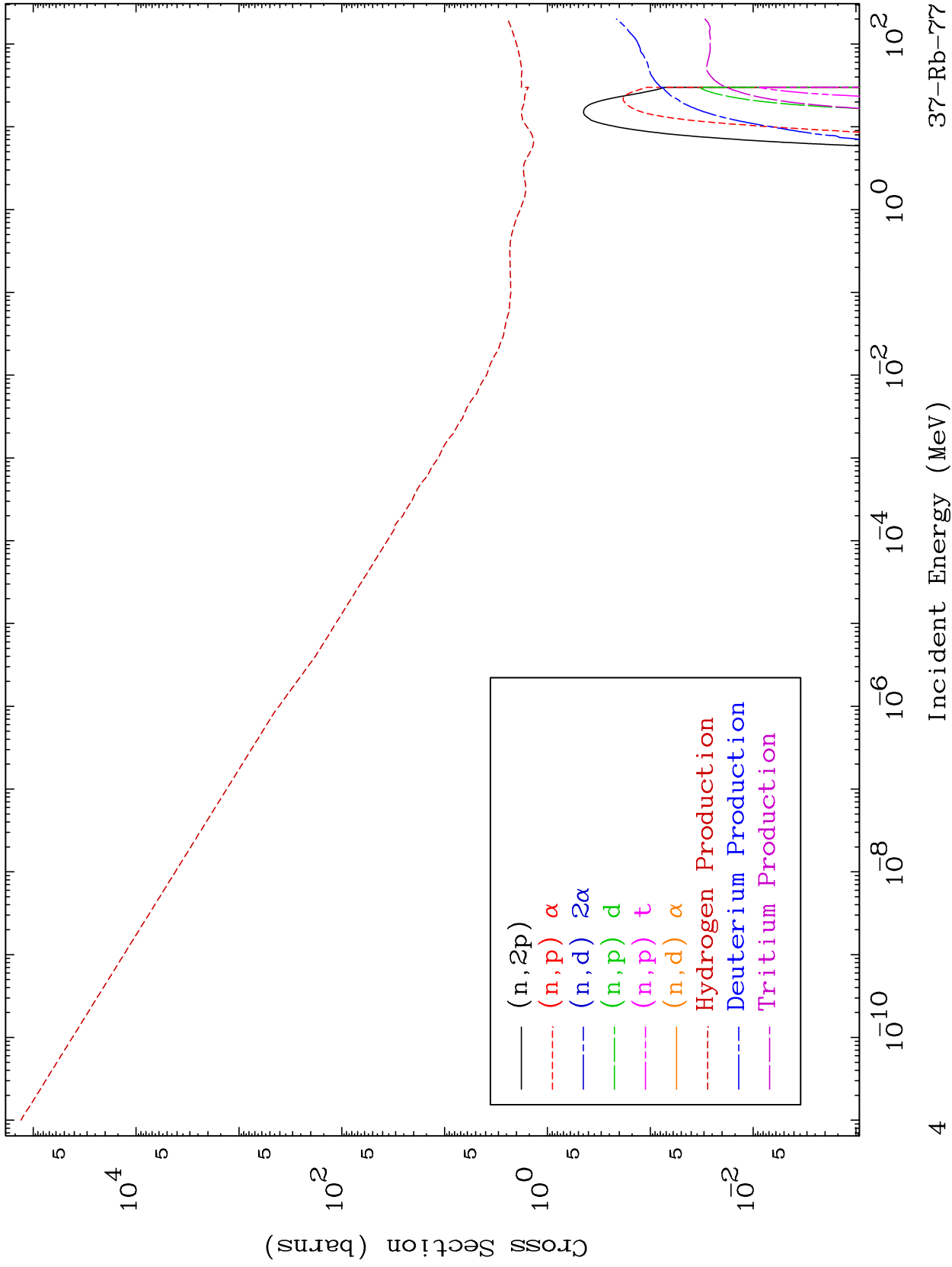




MAT 3701

Neutron Absorption  
293 Kelvin Cross Sections

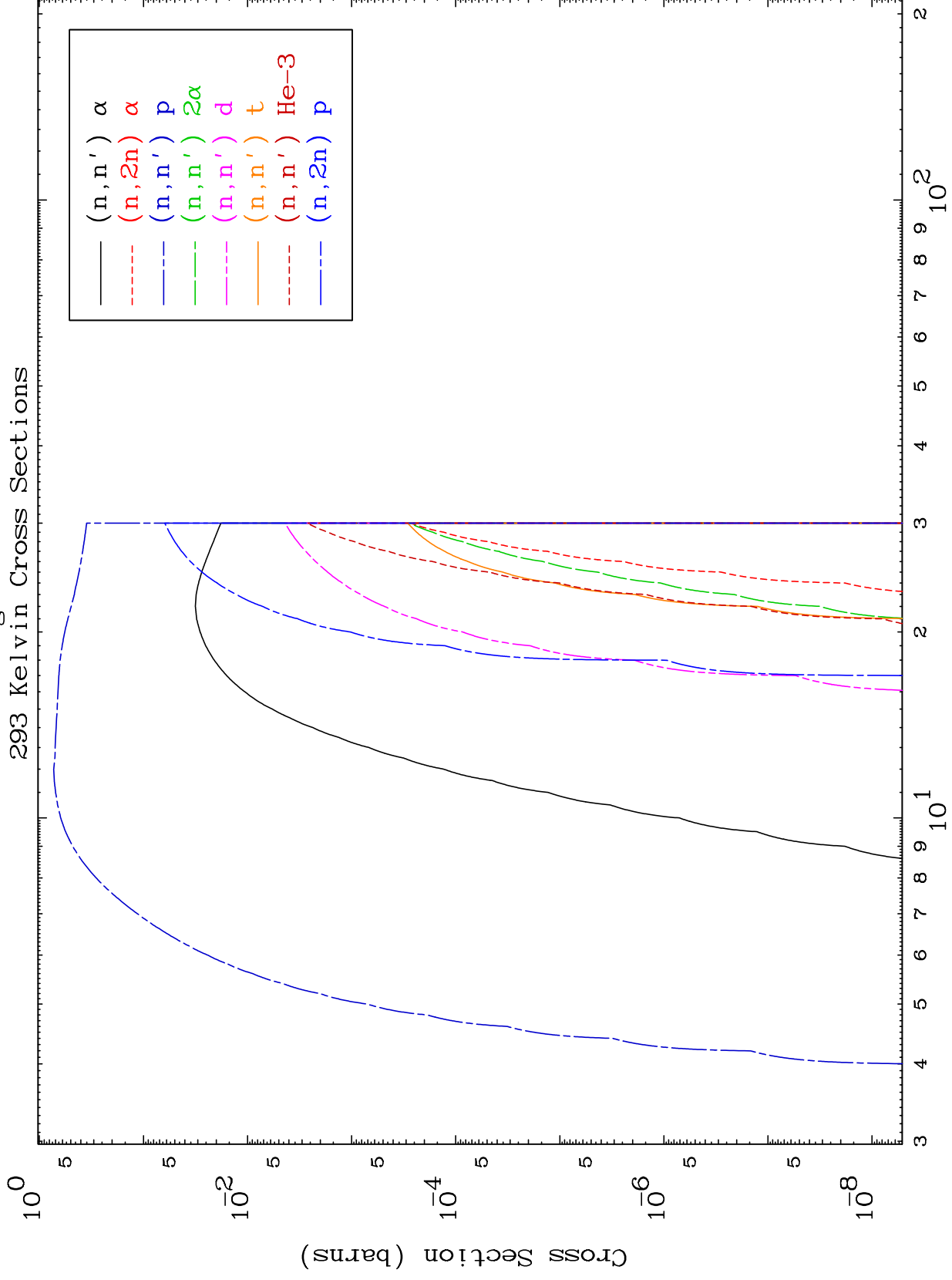
37-Rb-77



MAT 3701

Charged Particle  
293 Kelvin Cross Sections

37-Rb-77



5

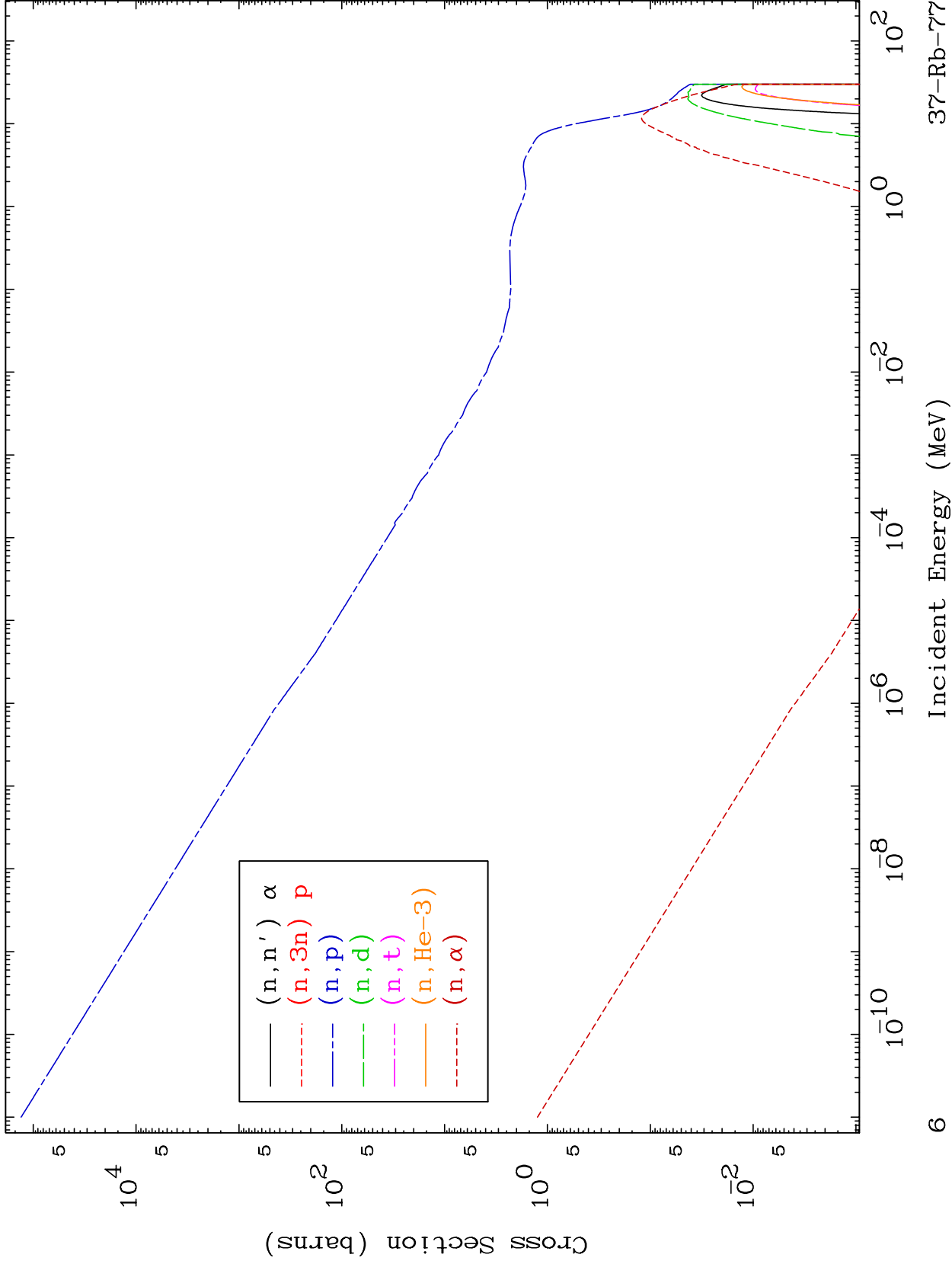
Incident Energy (MeV)

37-Rb-77

MAT 3701

Charged Particle  
293 Kelvin Cross Sections

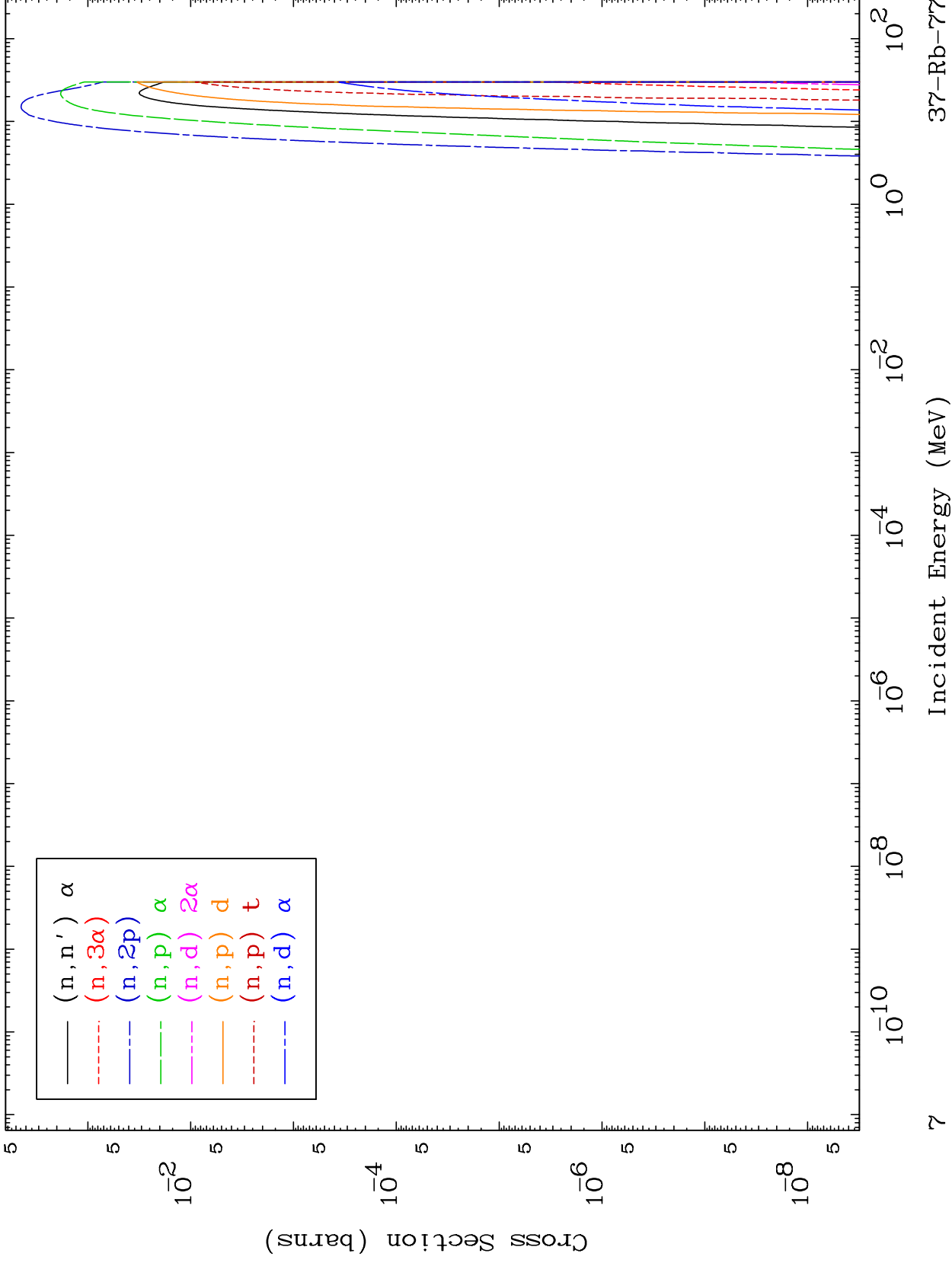
37-Rb-77



MAT 3701

Charged Particle  
293 Kelvin Cross Sections

37-Rb-77

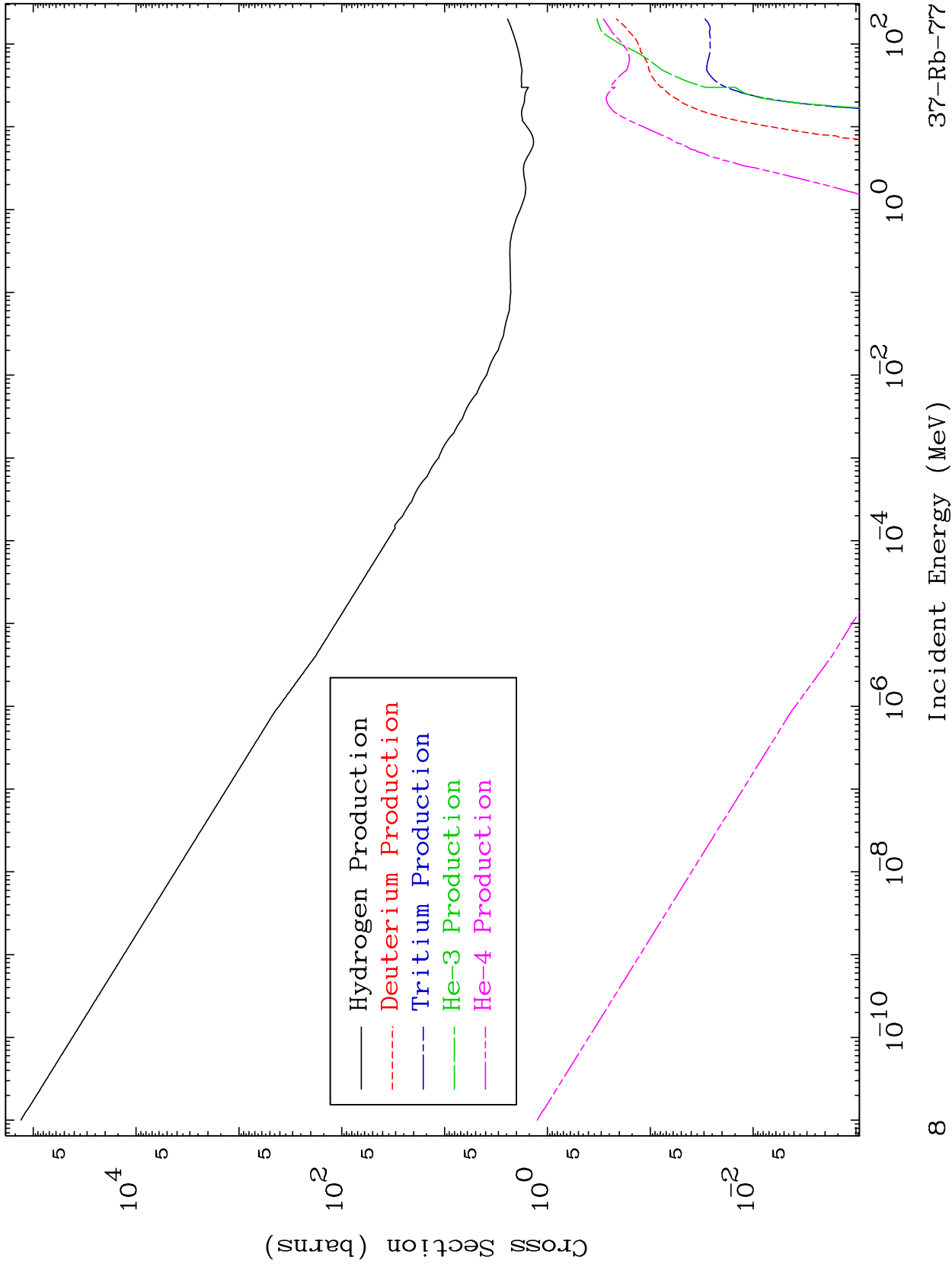


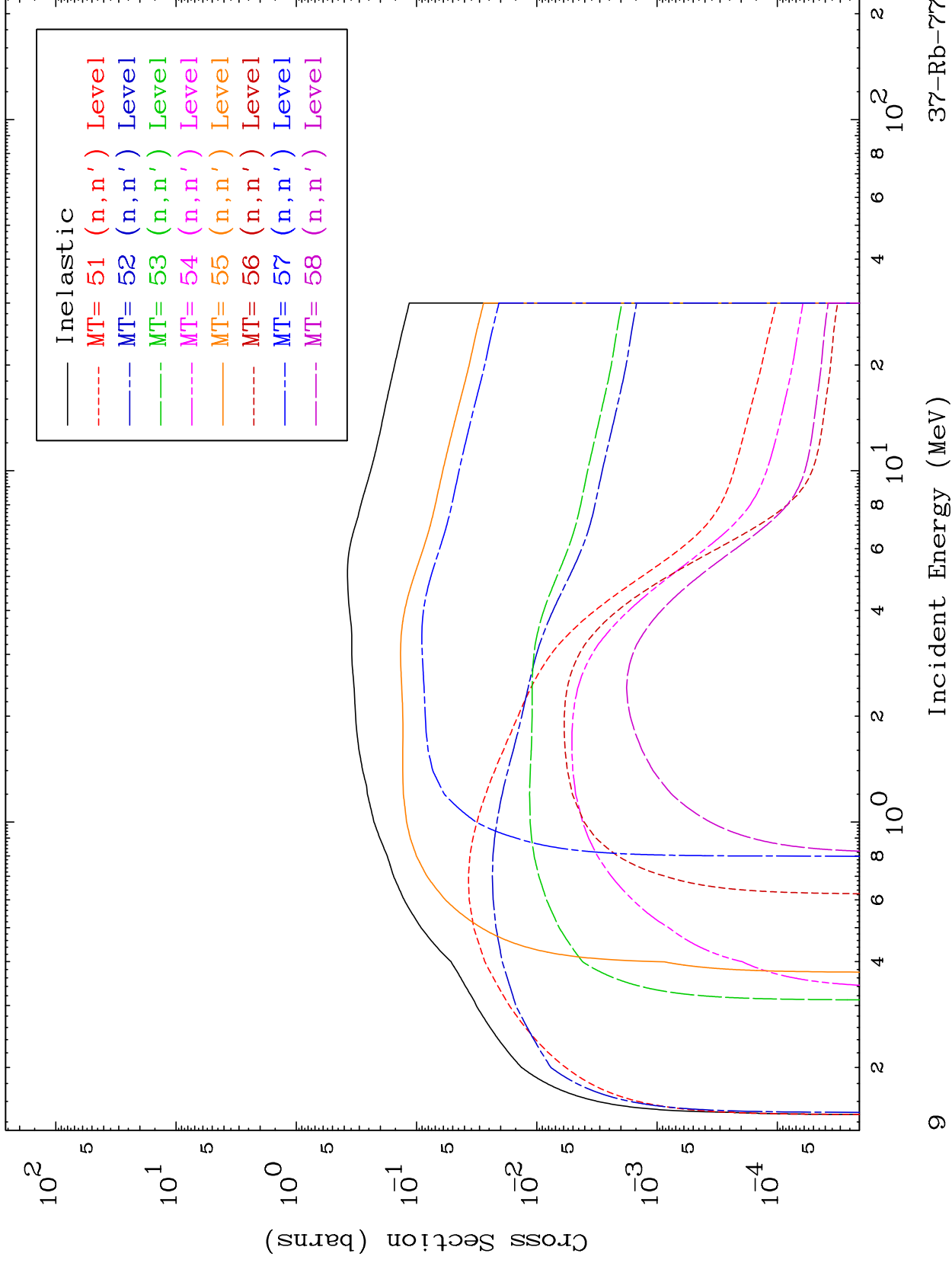


MAT 3701

Particle Production  
293 Kelvin Cross Sections

37-Rb-77

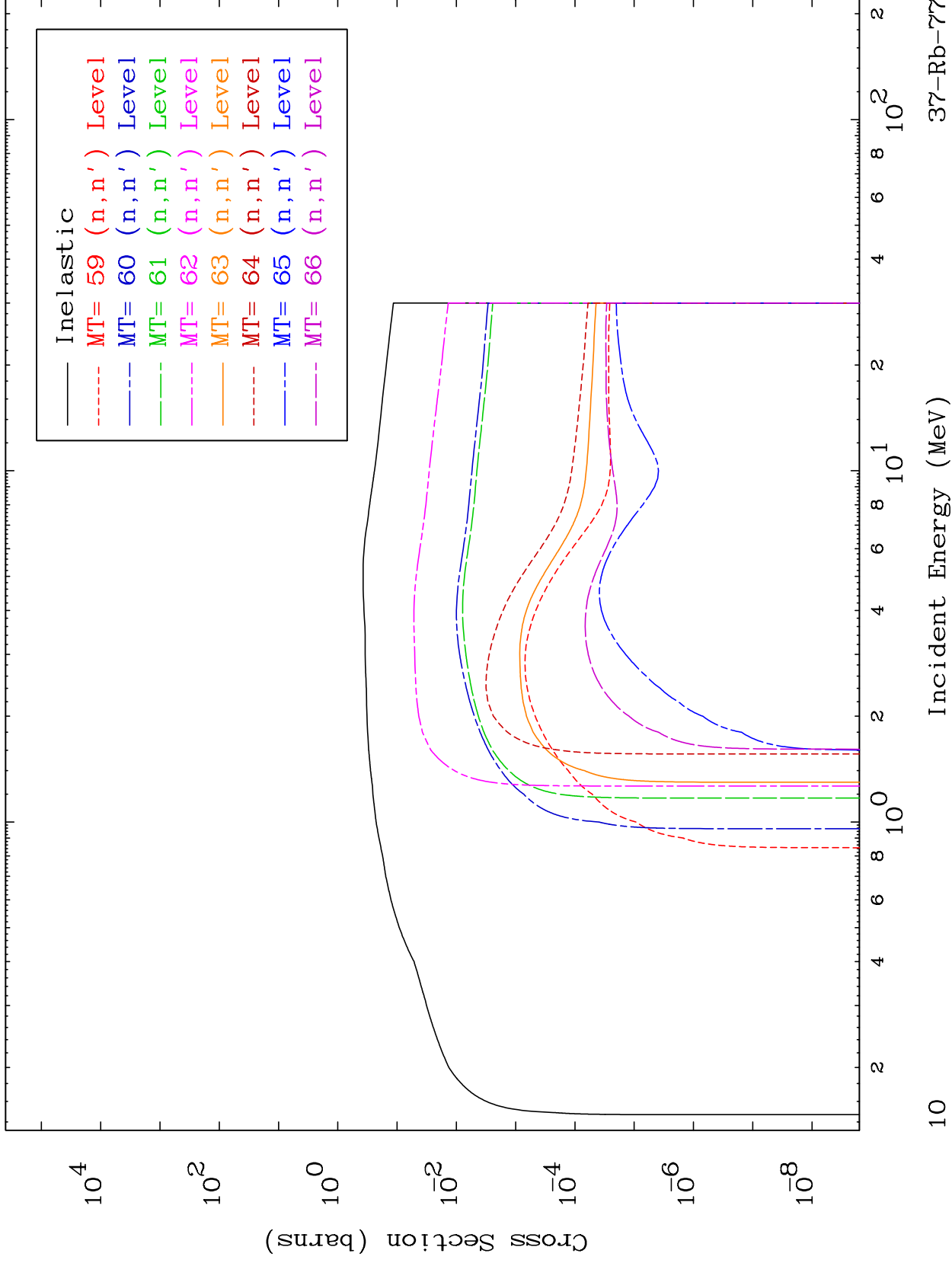




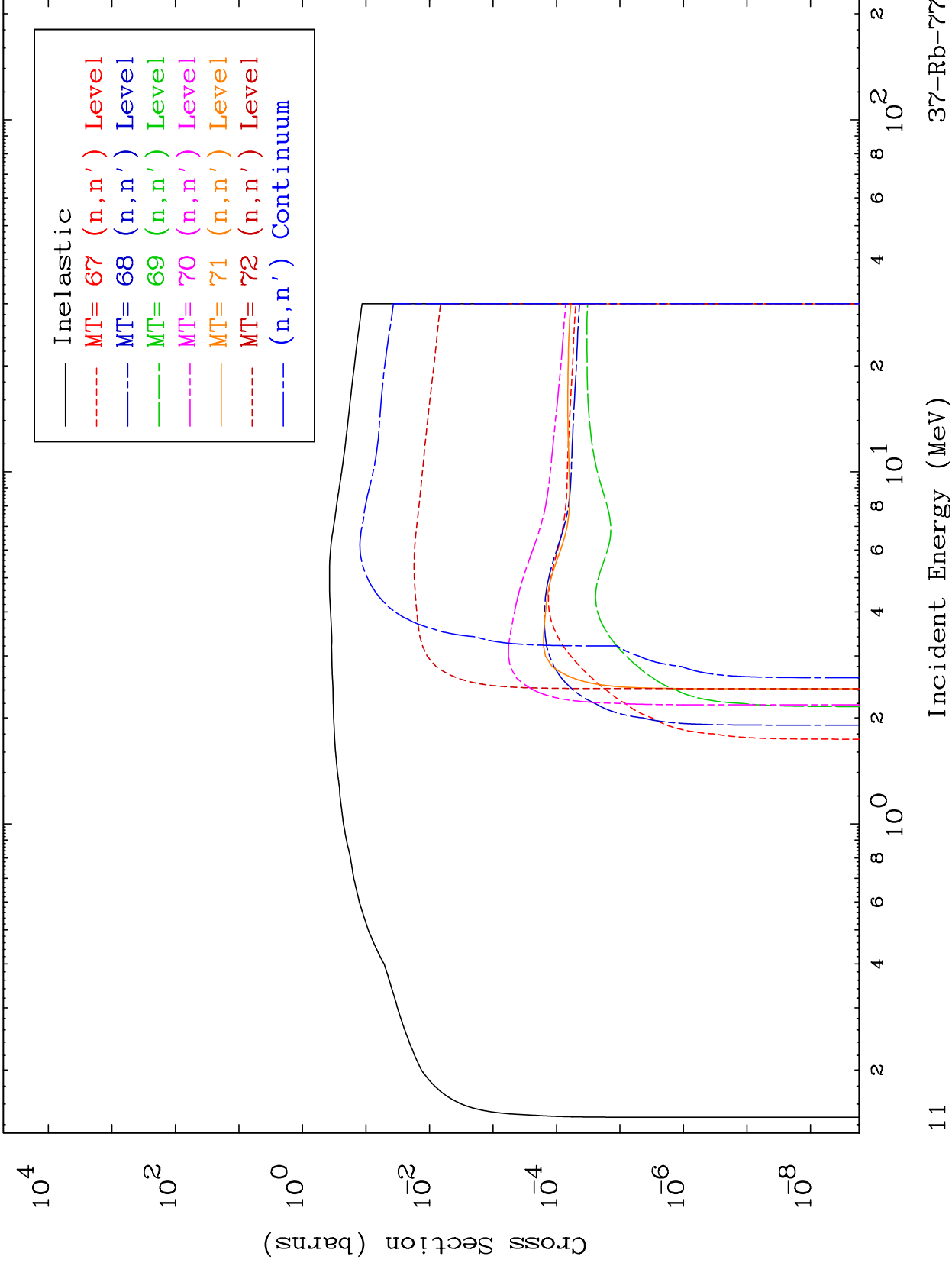
MAT 3701

(n,n') Levels  
293 Kelvin Cross Sections

37-Rb-77



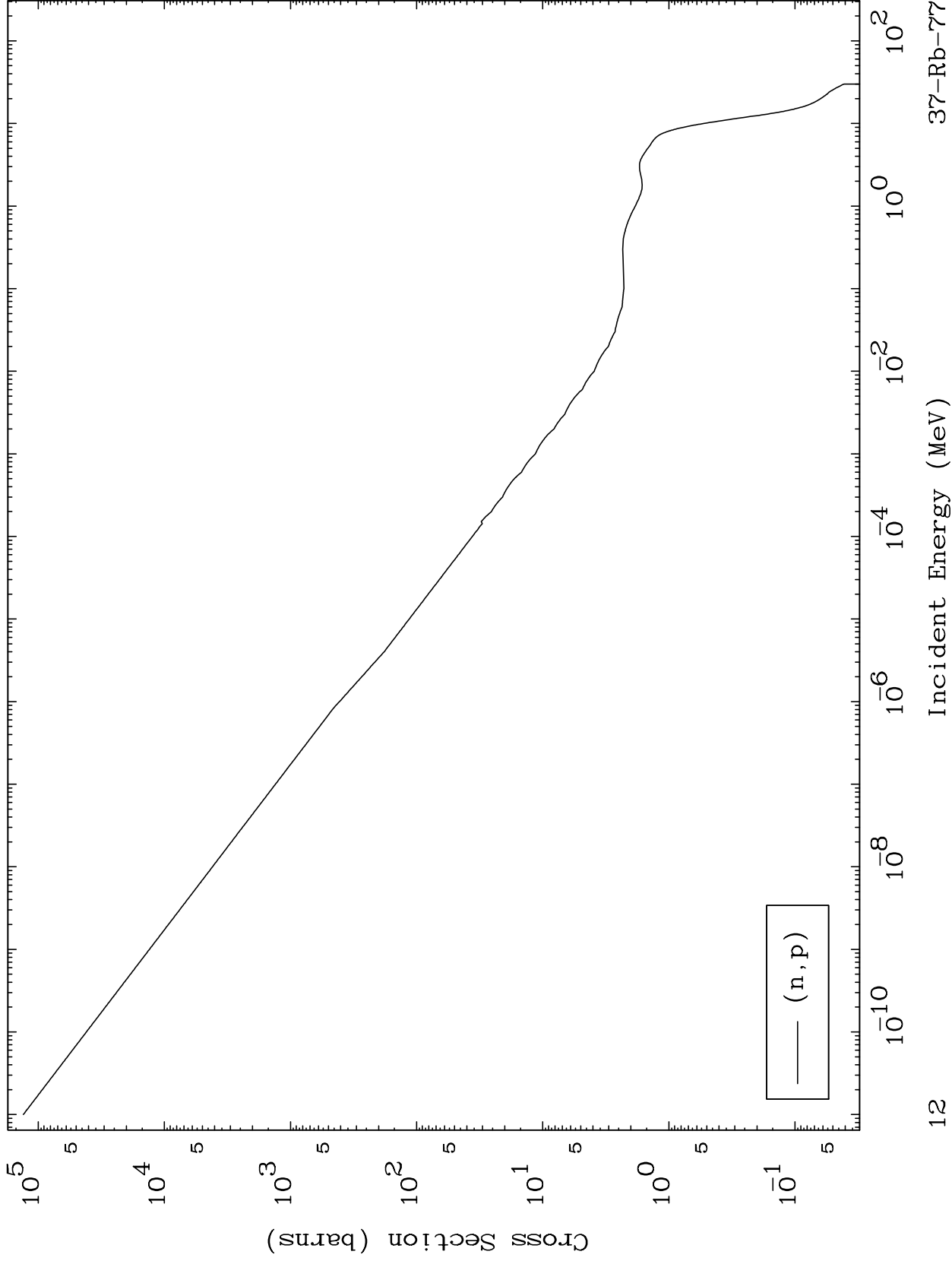
10



MAT 3701

(n,p) Levels  
293 Kelvin Cross Sections

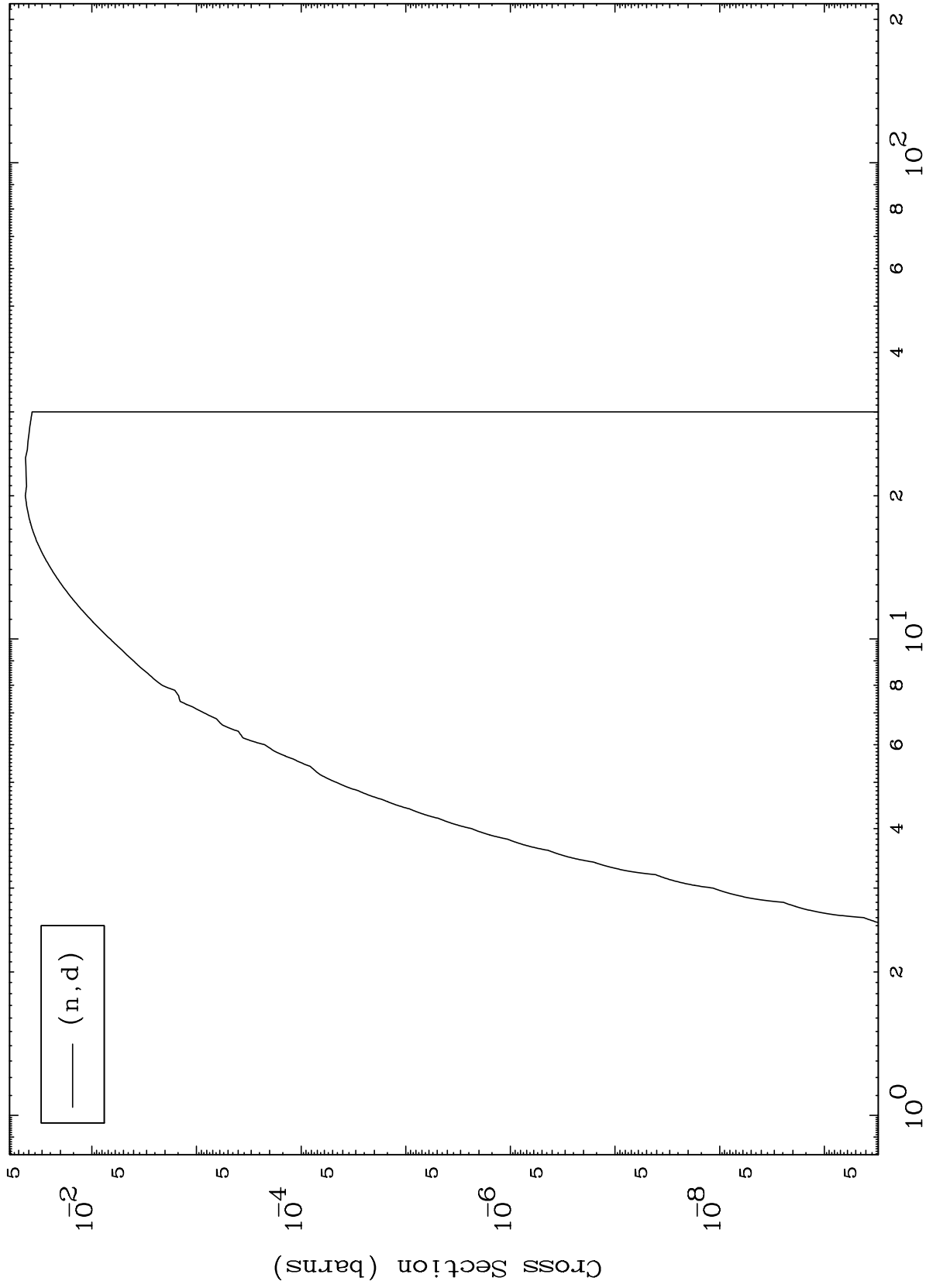
37-Rb-77



MAT 3701

(n,d) Levels  
293 Kelvin Cross Sections

37-Rb-77



13

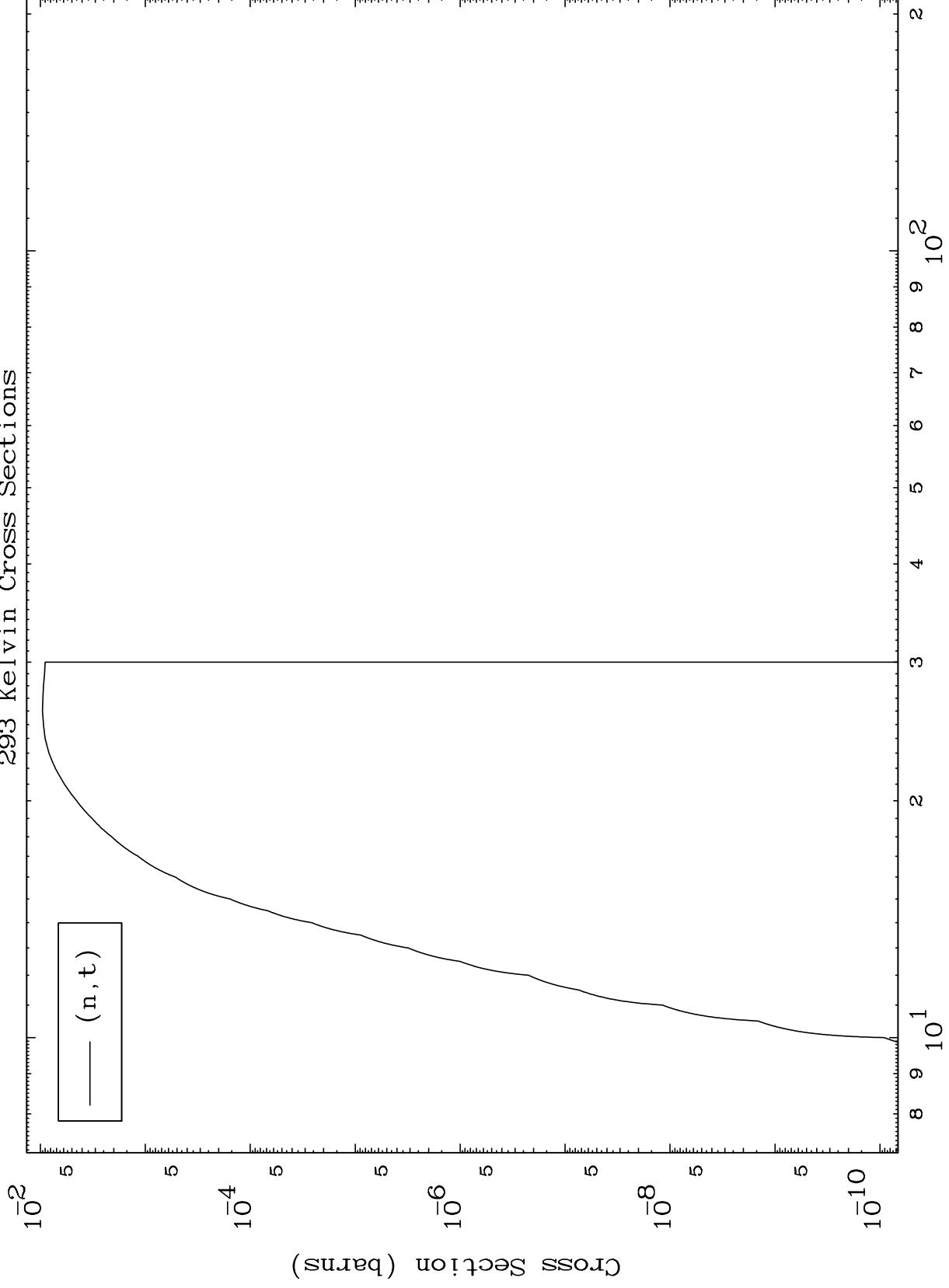
Incident Energy (MeV)

37-Rb-77

MAT 3701

(n,t) Levels  
293 Kelvin Cross Sections

37-Rb-77



14

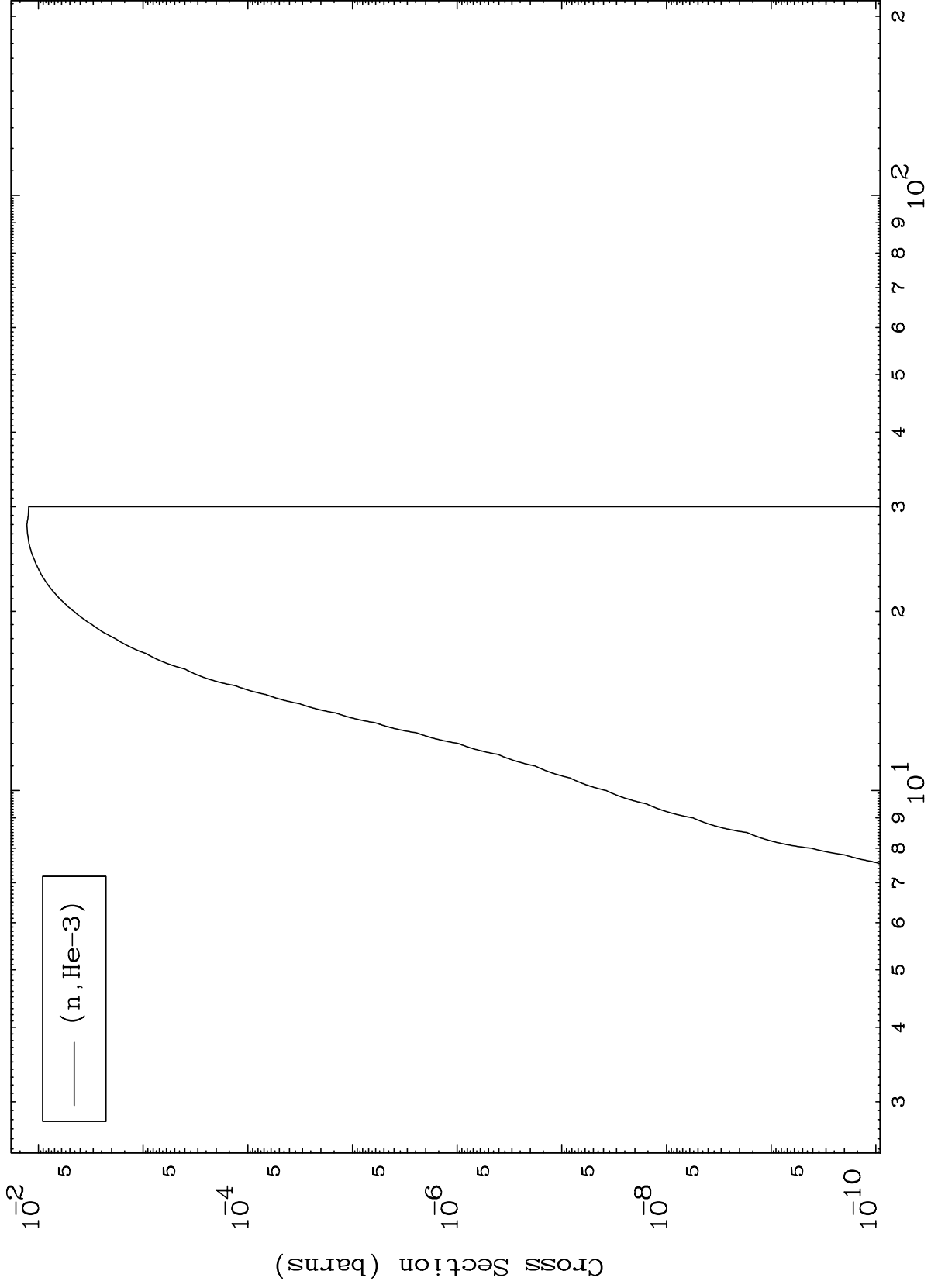
Incident Energy (MeV)

37-Rb-77

MAT 3701

(n,He3) Levels  
293 Kelvin Cross Sections

37-Rb-77



15

Incident Energy (MeV)

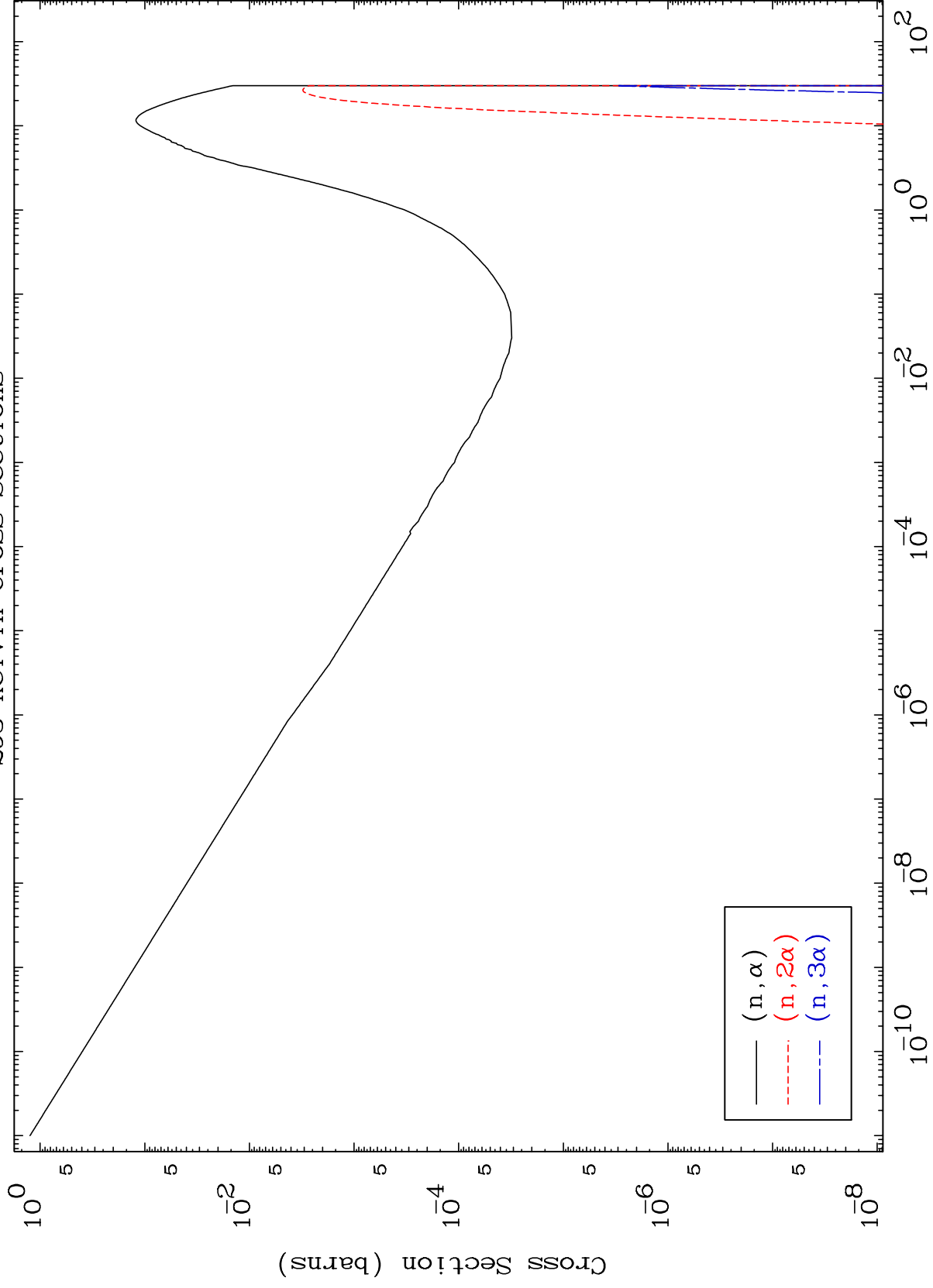
37-Rb-77



MAT 3701

(n,α) Levels  
293 Kelvin Cross Sections

37-Rb-77



16

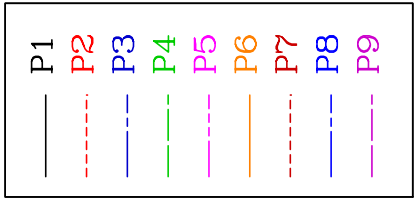
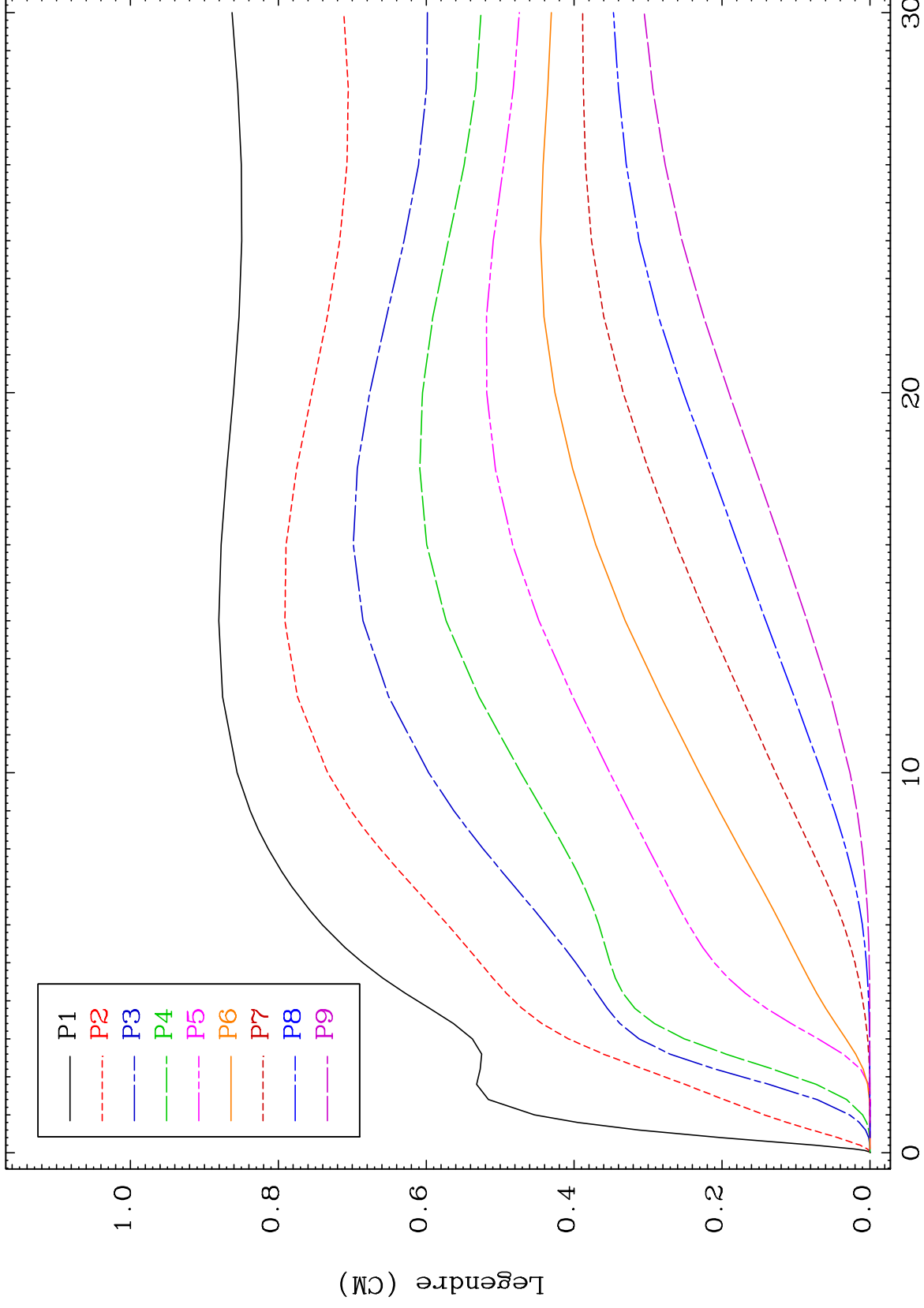
Incident Energy (MeV)

37-Rb-77

MAT 3701

Elastic Legendre Coefficients

<sup>37</sup>Rb-<sup>77</sup>



17

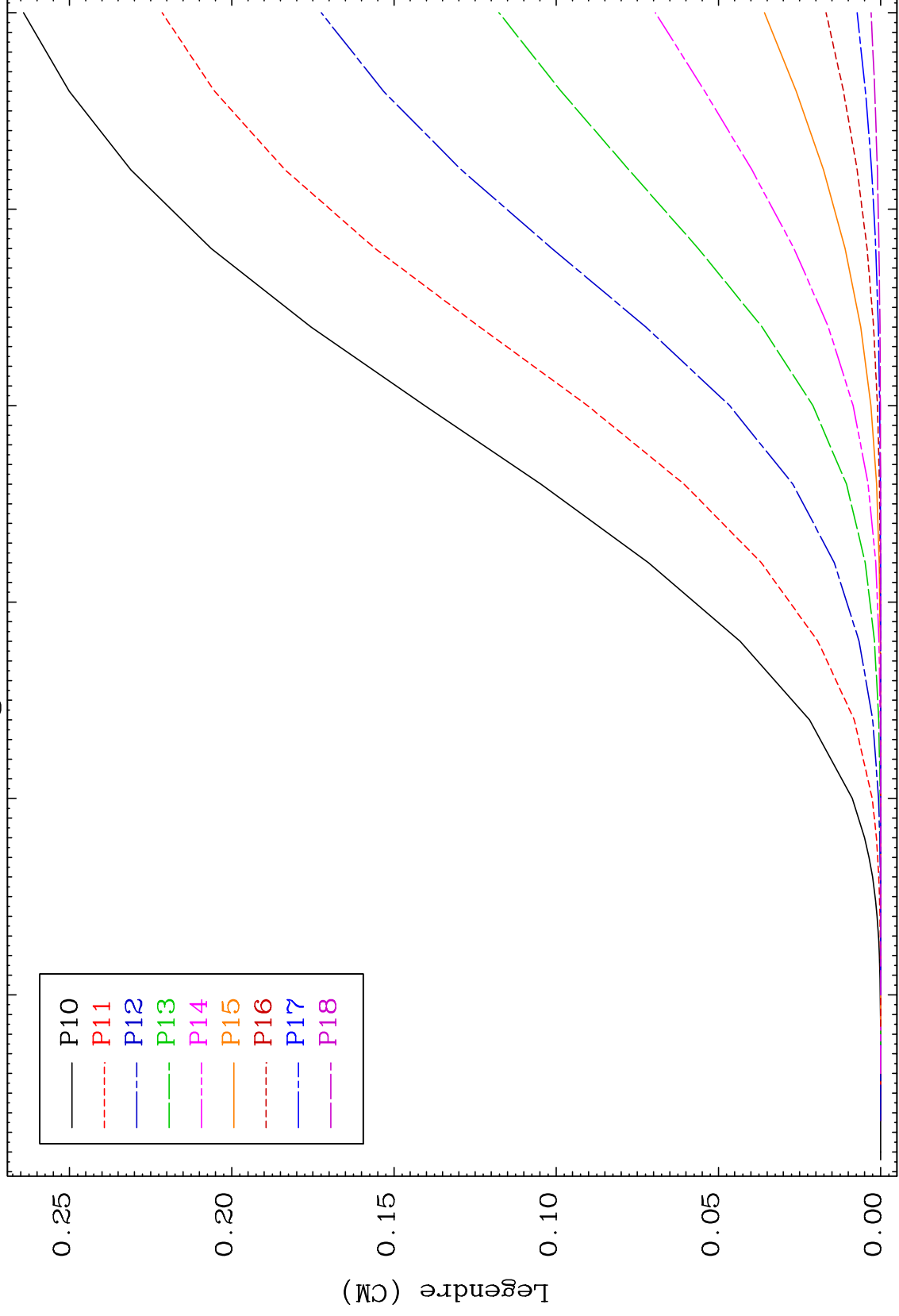
Incident Energy (MeV)

<sup>37</sup>Rb-<sup>77</sup>

MAT 3701

Elastic Legendre Coefficients

<sup>37</sup>Rb-<sup>77</sup>



18

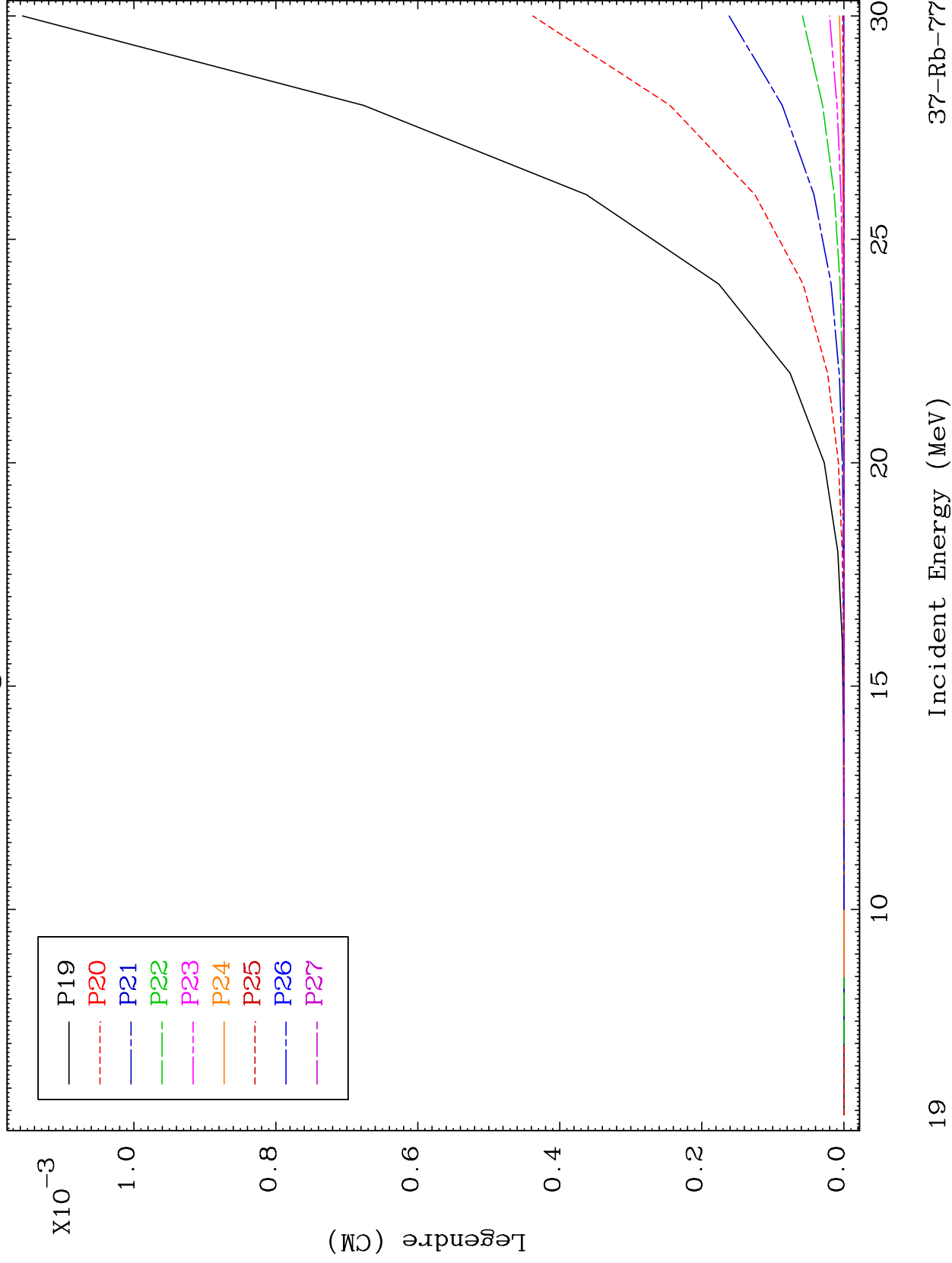
Incident Energy (MeV)

<sup>37</sup>Rb-<sup>77</sup>

MAT 3701

Elastic Legendre Coefficients

37-Rb-77



19

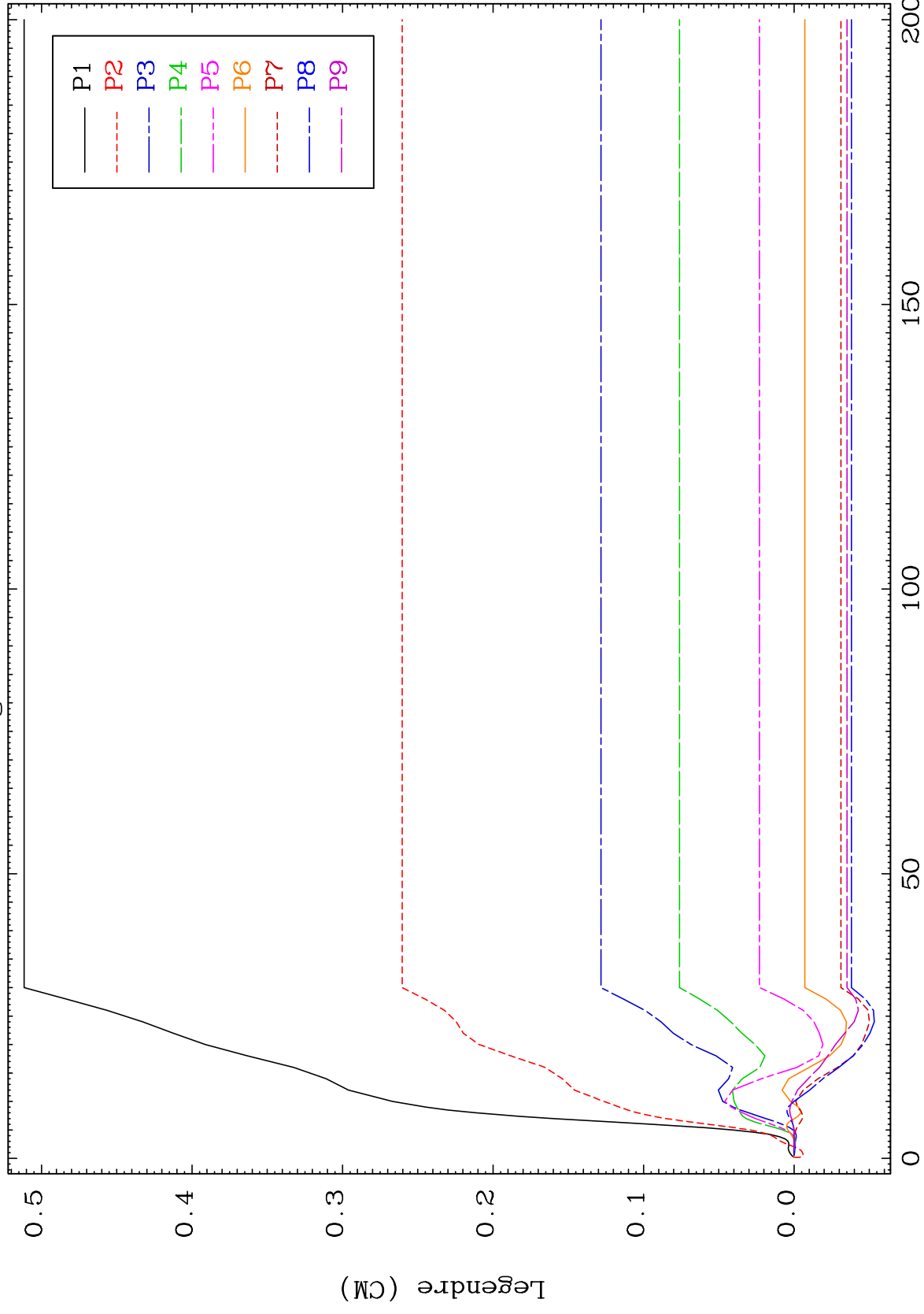
37-Rb-77



MAT 3701

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

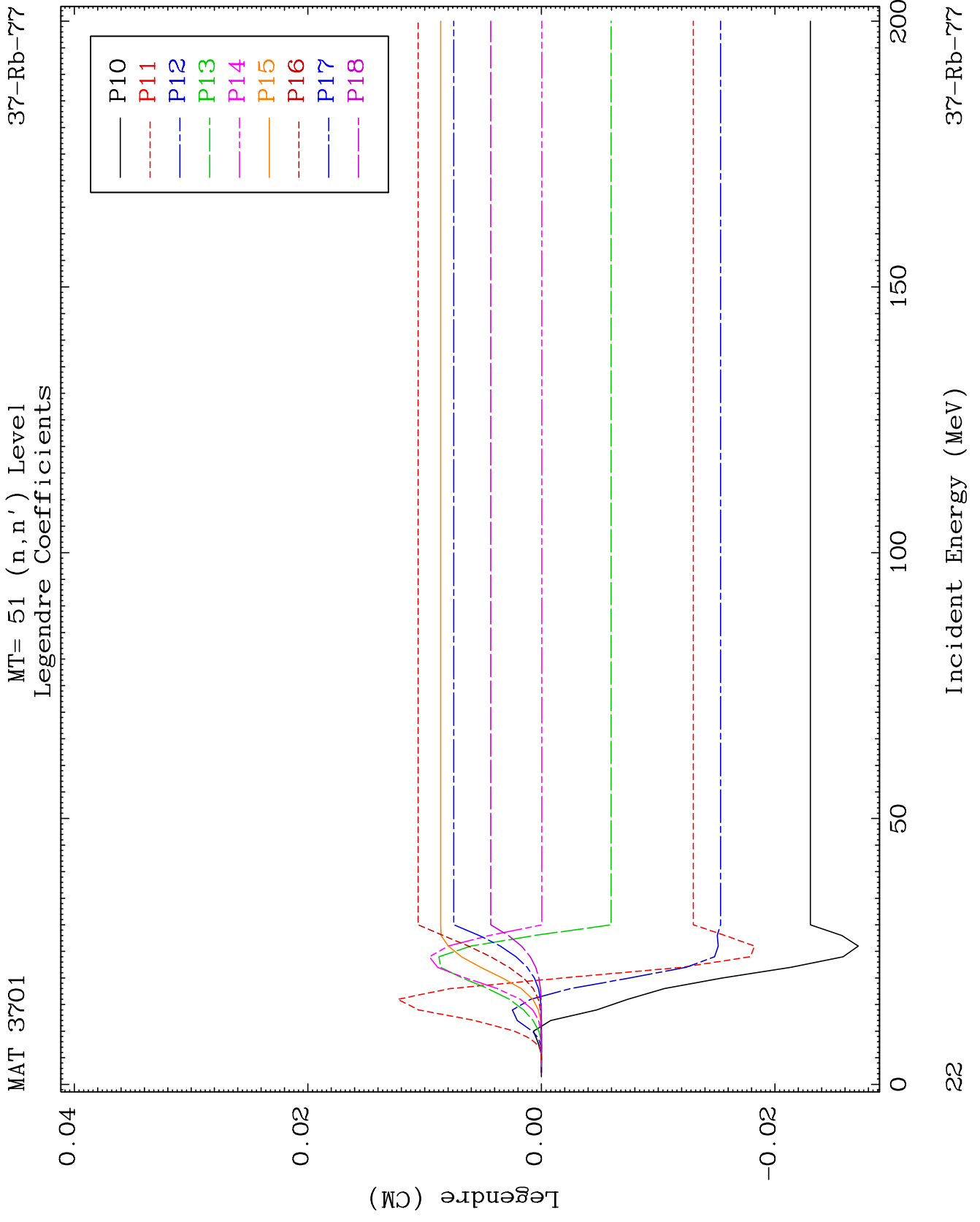
37-Rb-77



21

Incident Energy (MeV)

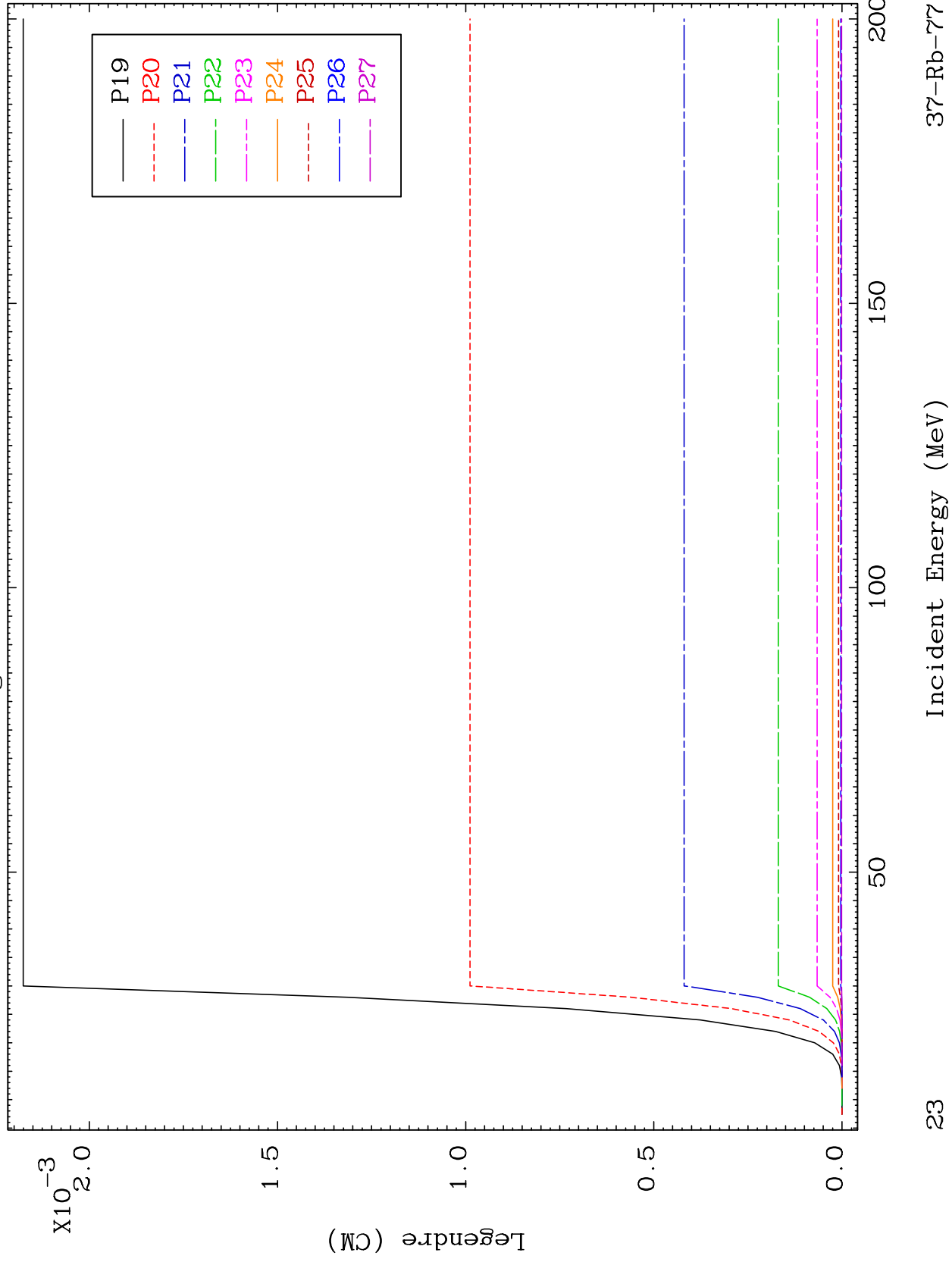
37-Rb-77



MAT 3701

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

37-Rb-77



23

Incident Energy (MeV)

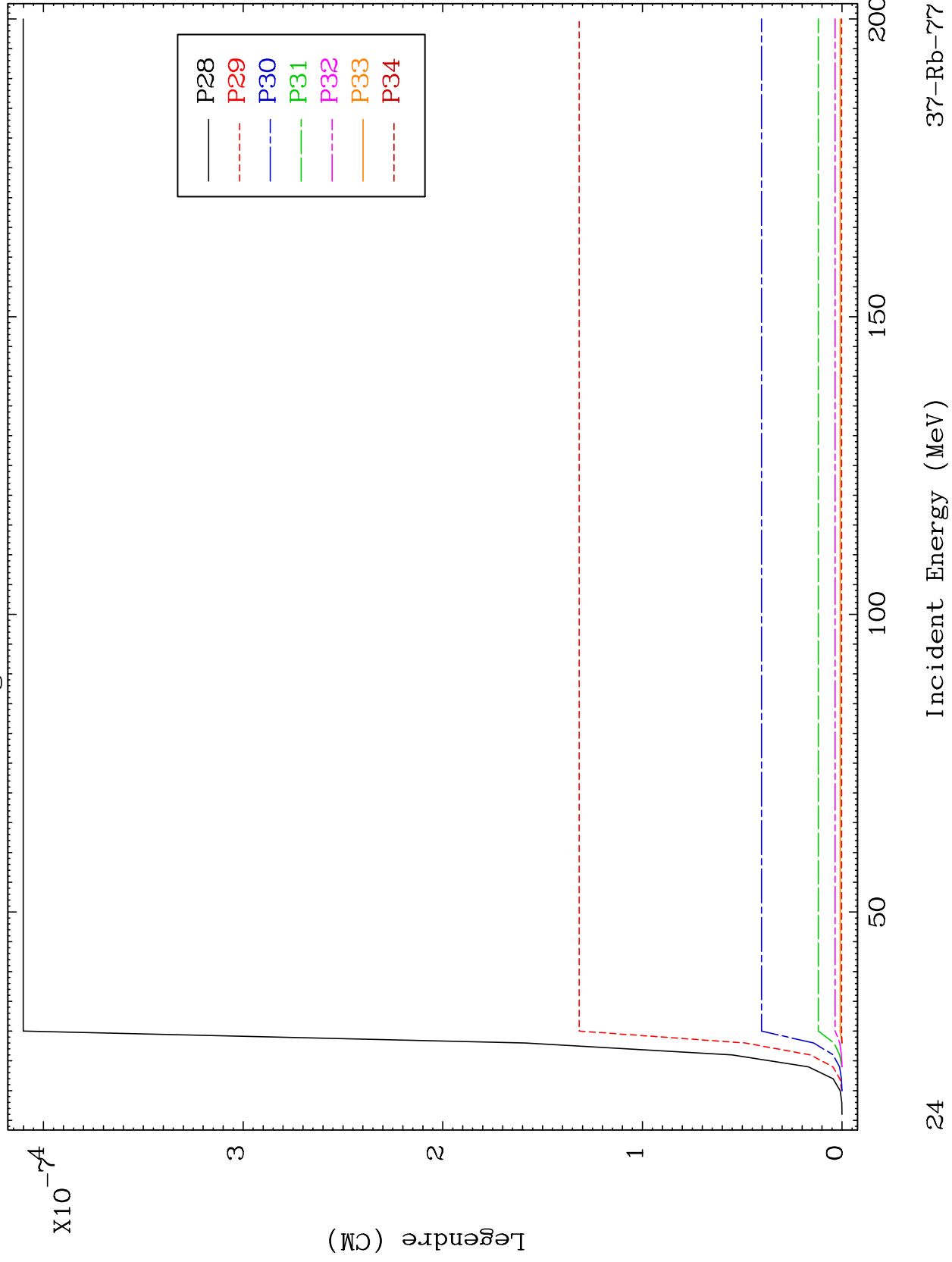
37-Rb-77



MAT 3701

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

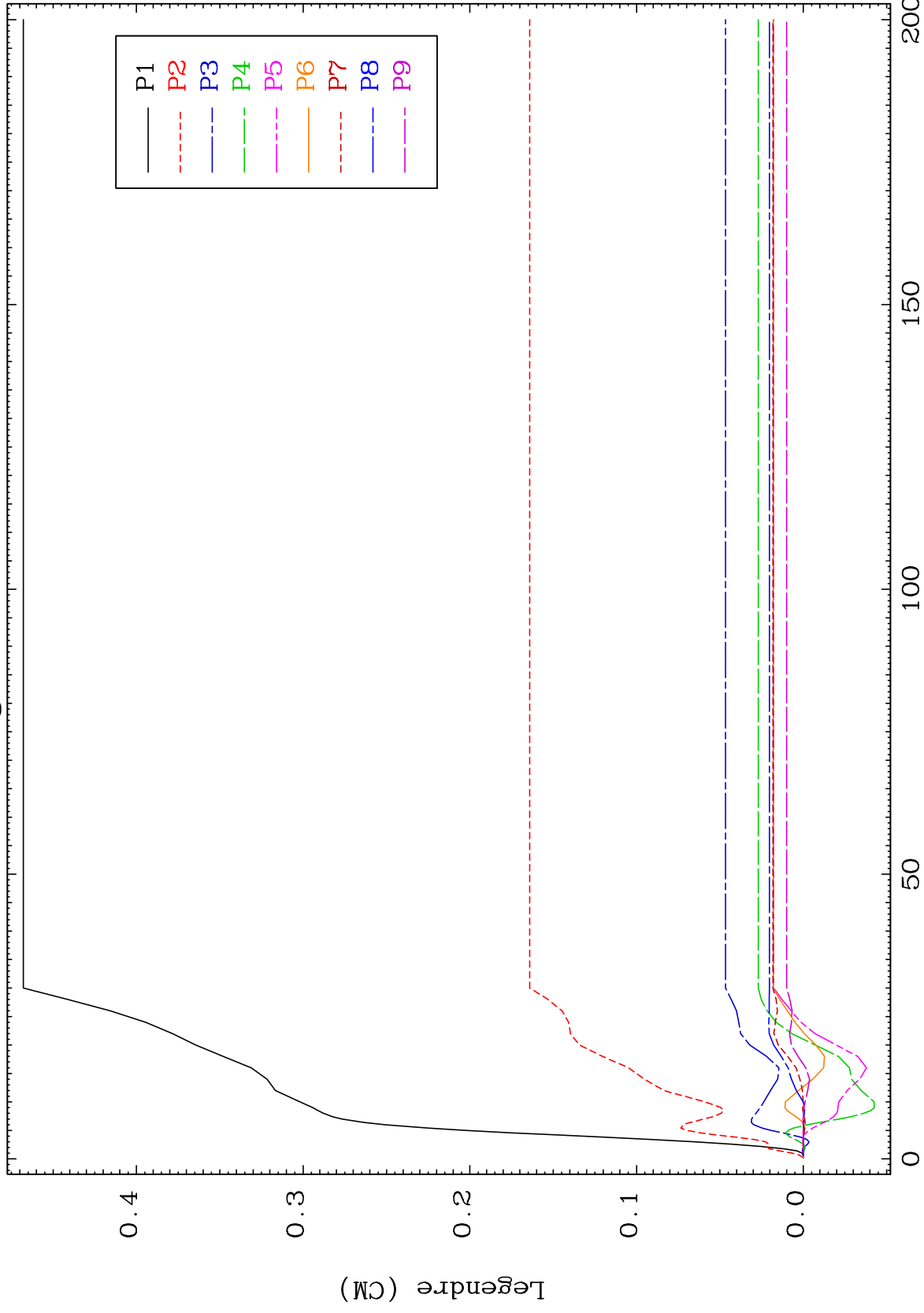
37-Rb-77



MAT 3701

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

37-Rb-77



25

Incident Energy (MeV)

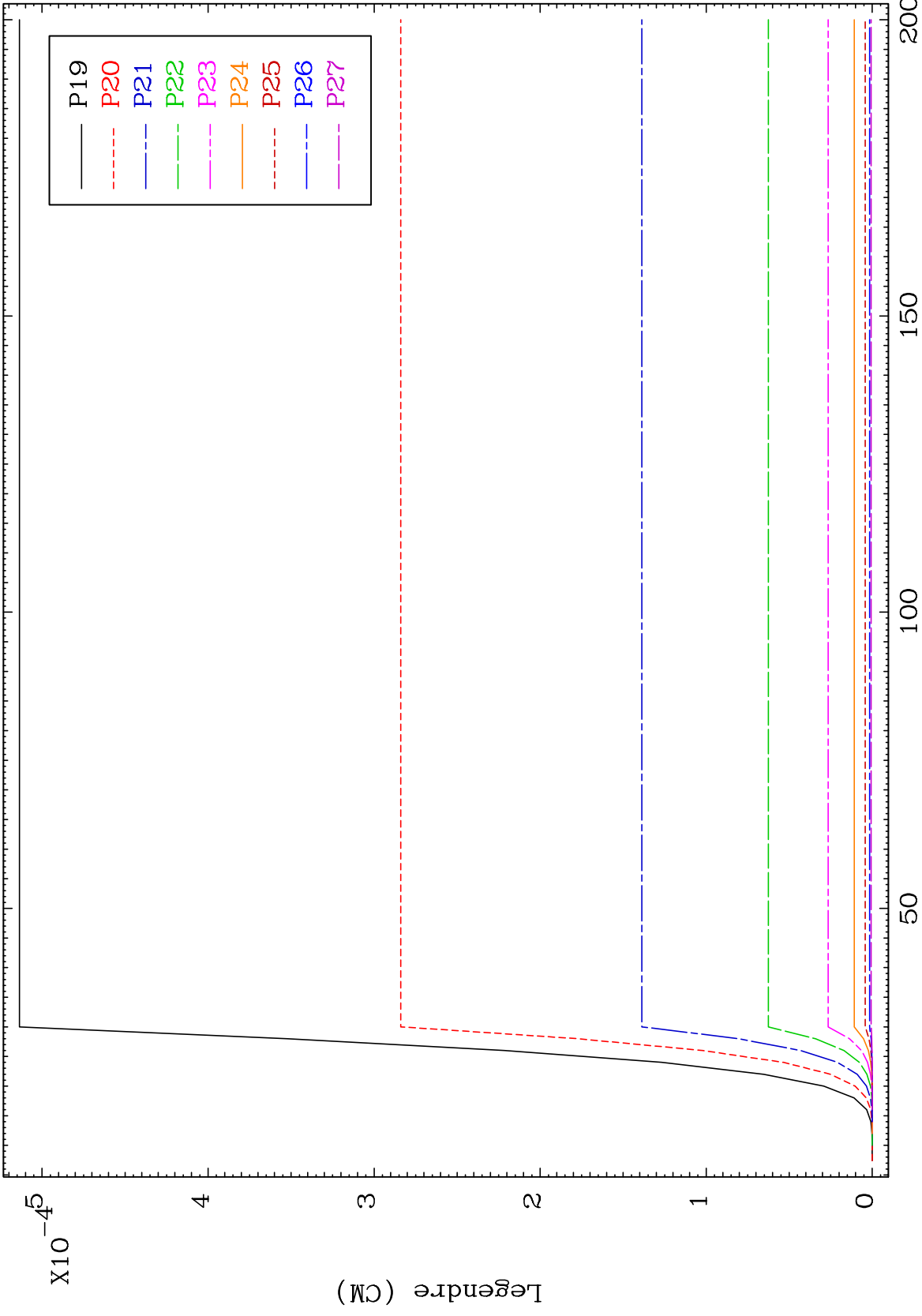
37-Rb-77



MAT 3701

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

37-Rb-77



27

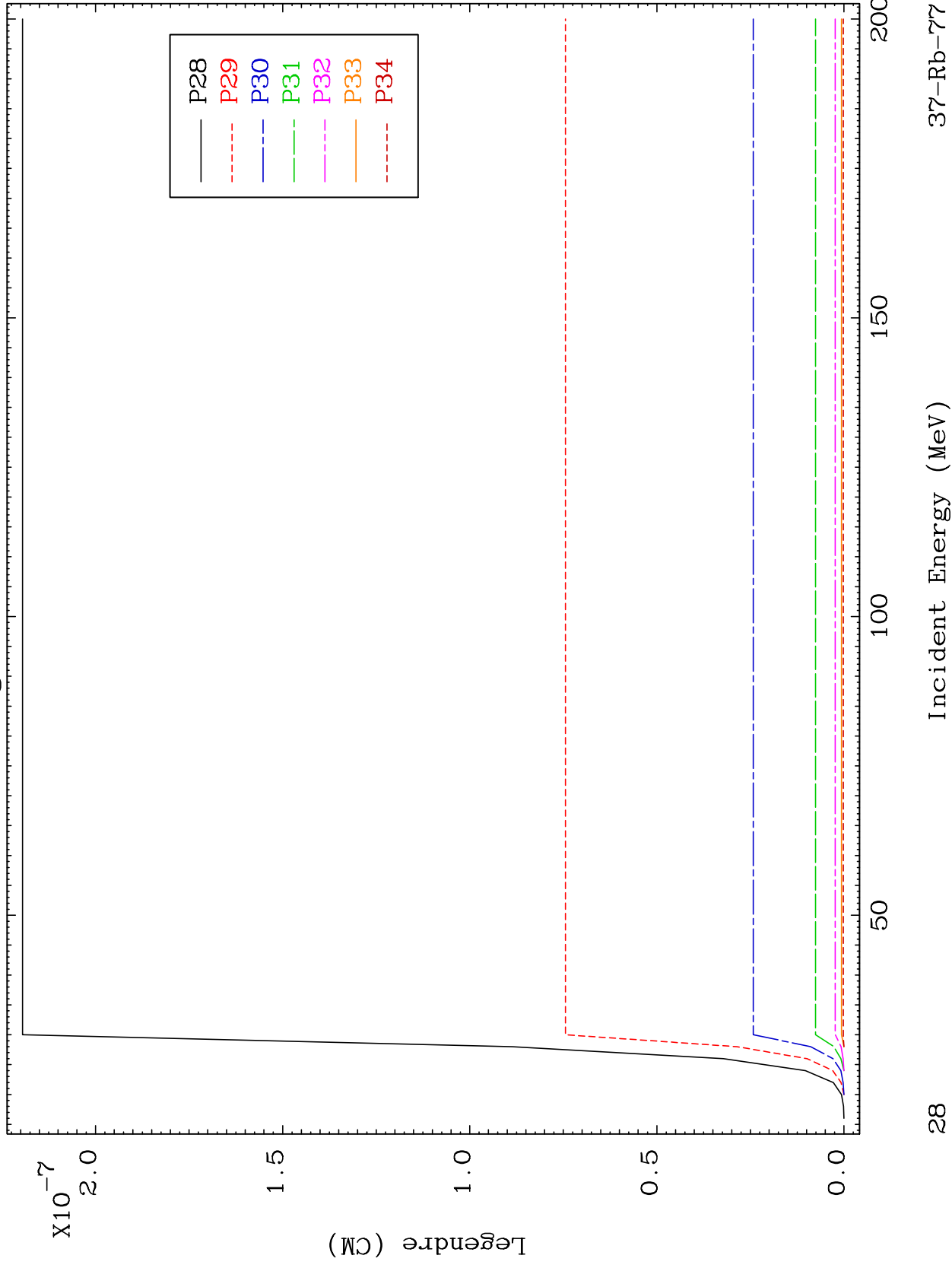
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



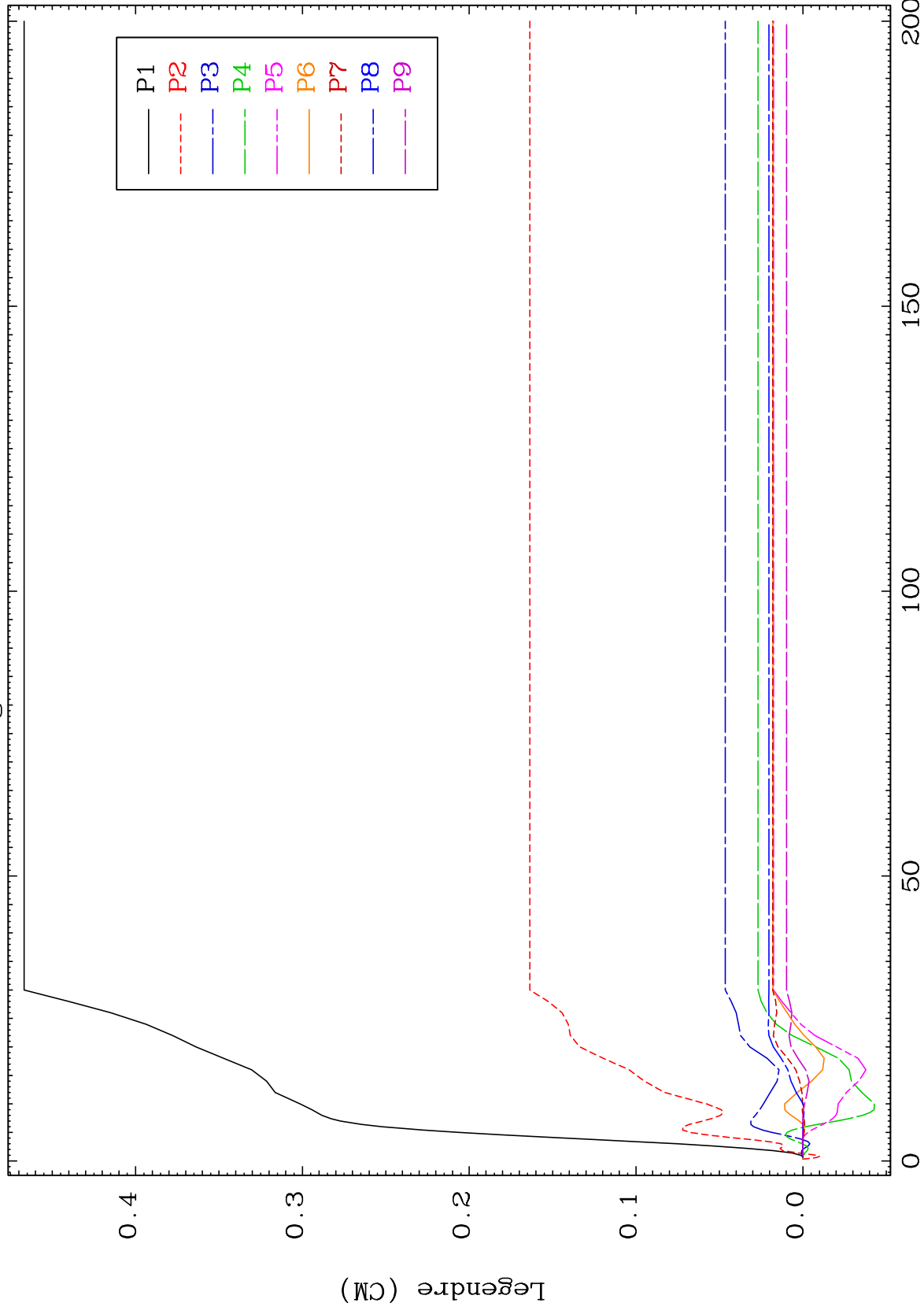
28

37-Rb-77

MAT 3701

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

37-Rb-77



29

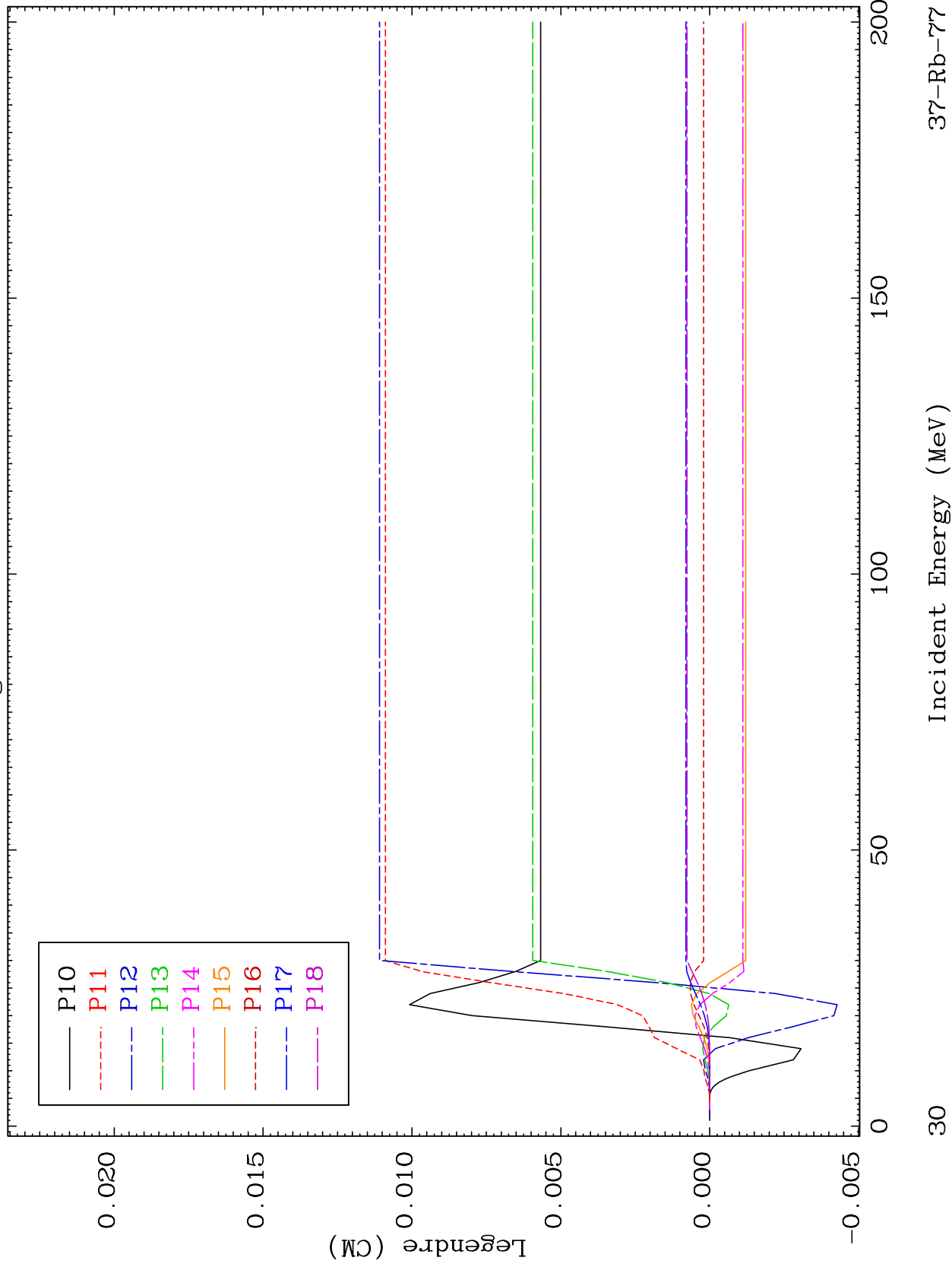
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



37-Rb-77

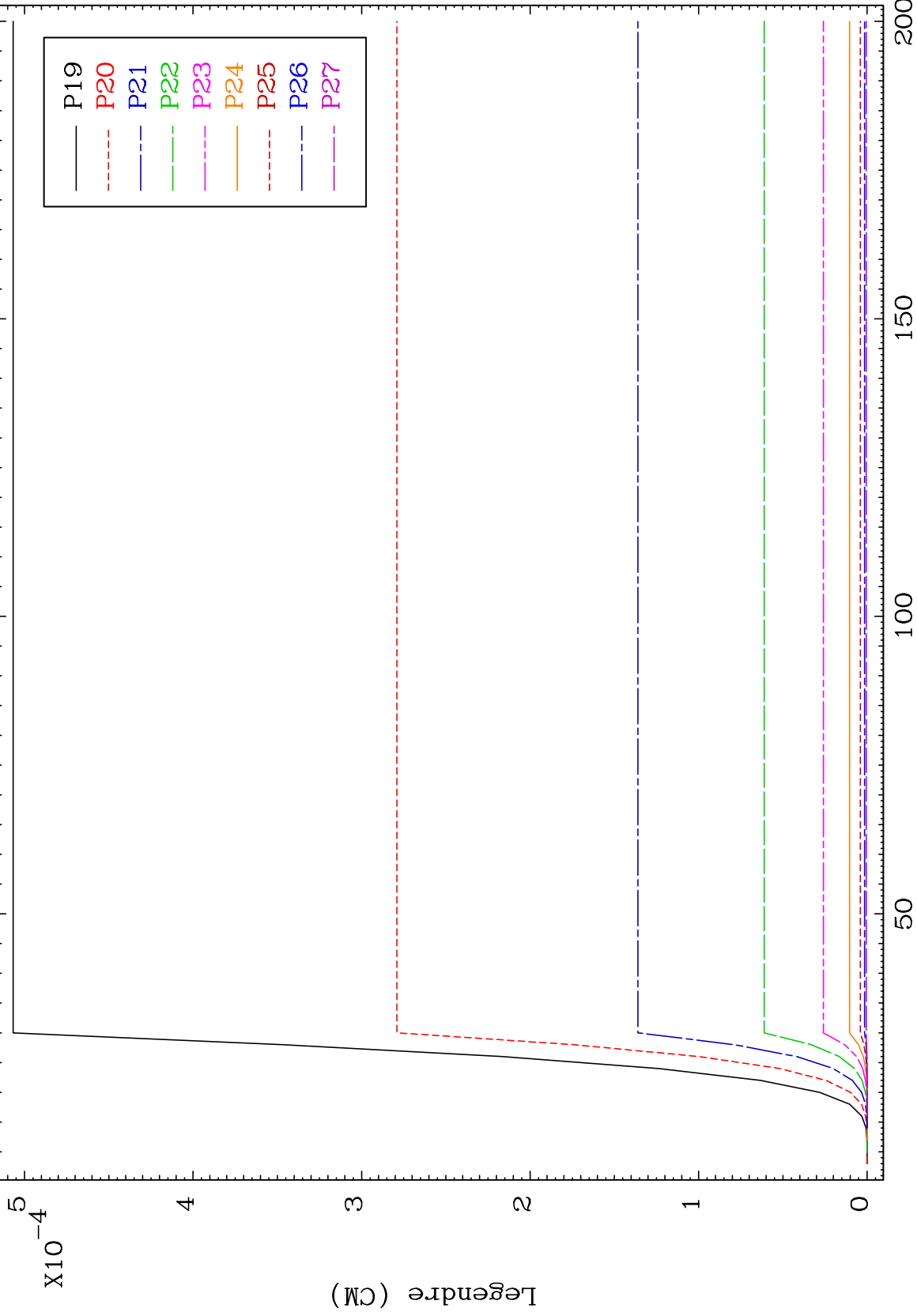
Incident Energy (MeV)

30

MAT 3701

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

37-Rb-77

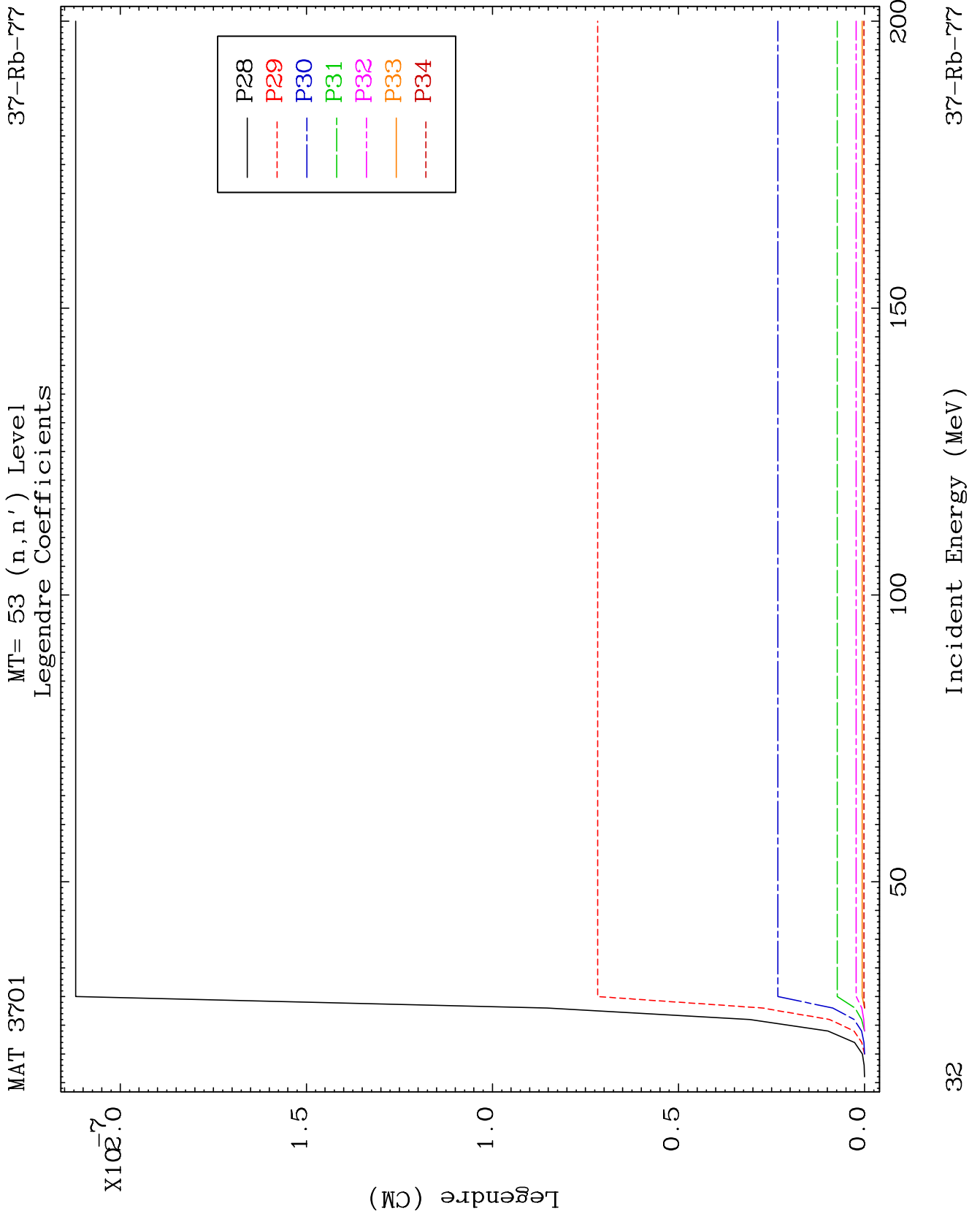


31

Incident Energy (MeV)

37-Rb-77

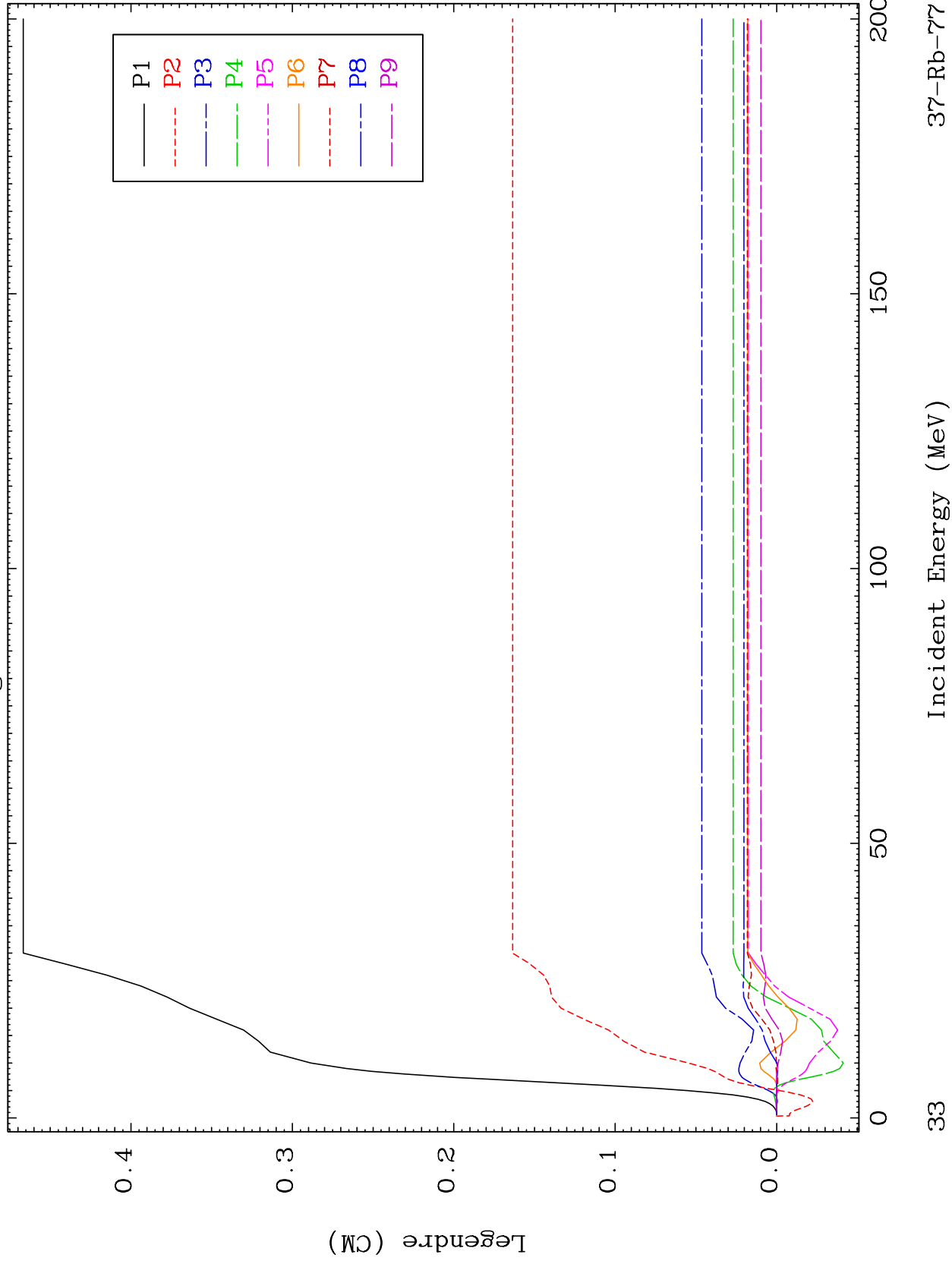




MAT 3701

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

37-Rb-77



33

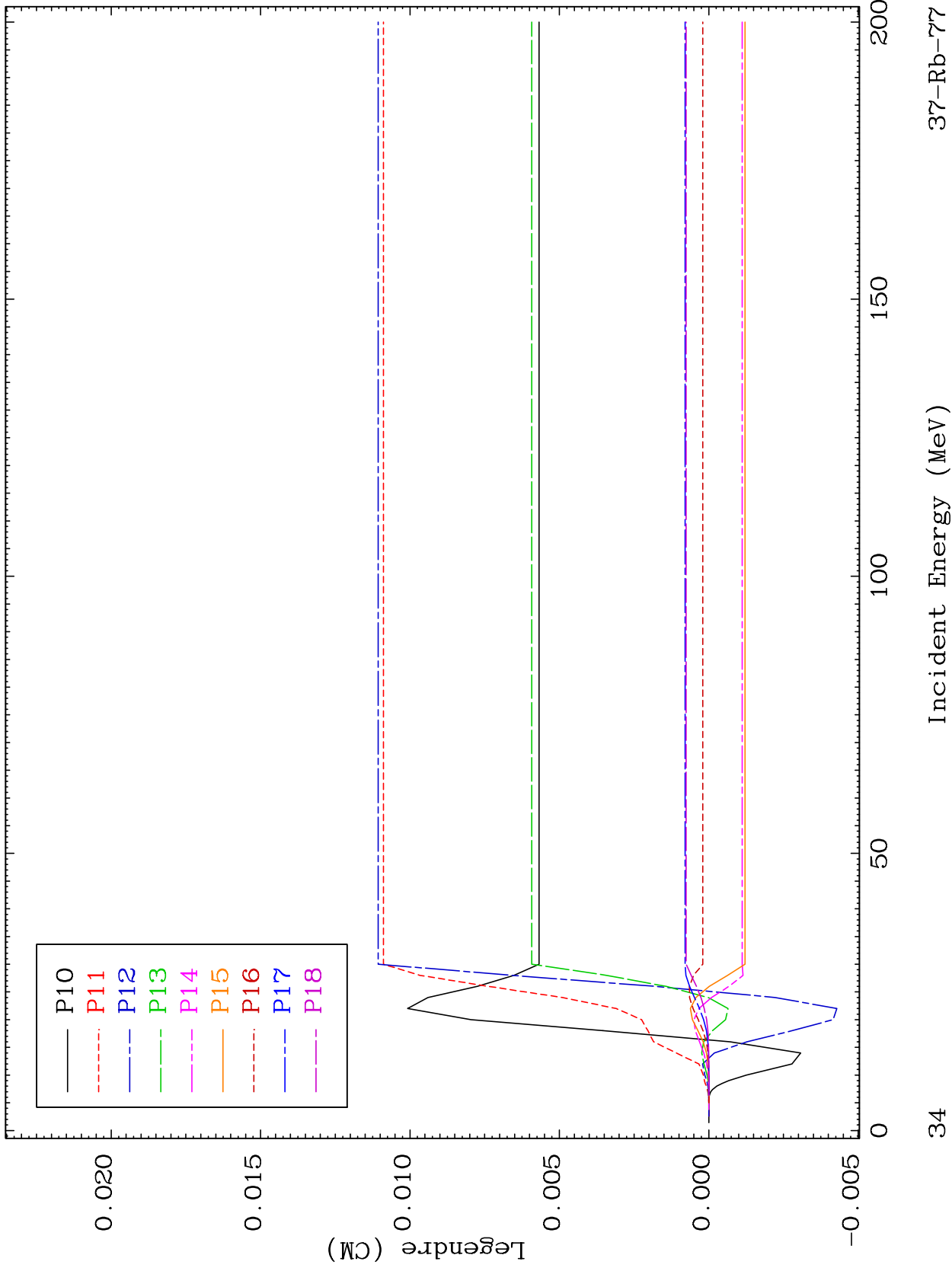
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



34

Incident Energy (MeV)

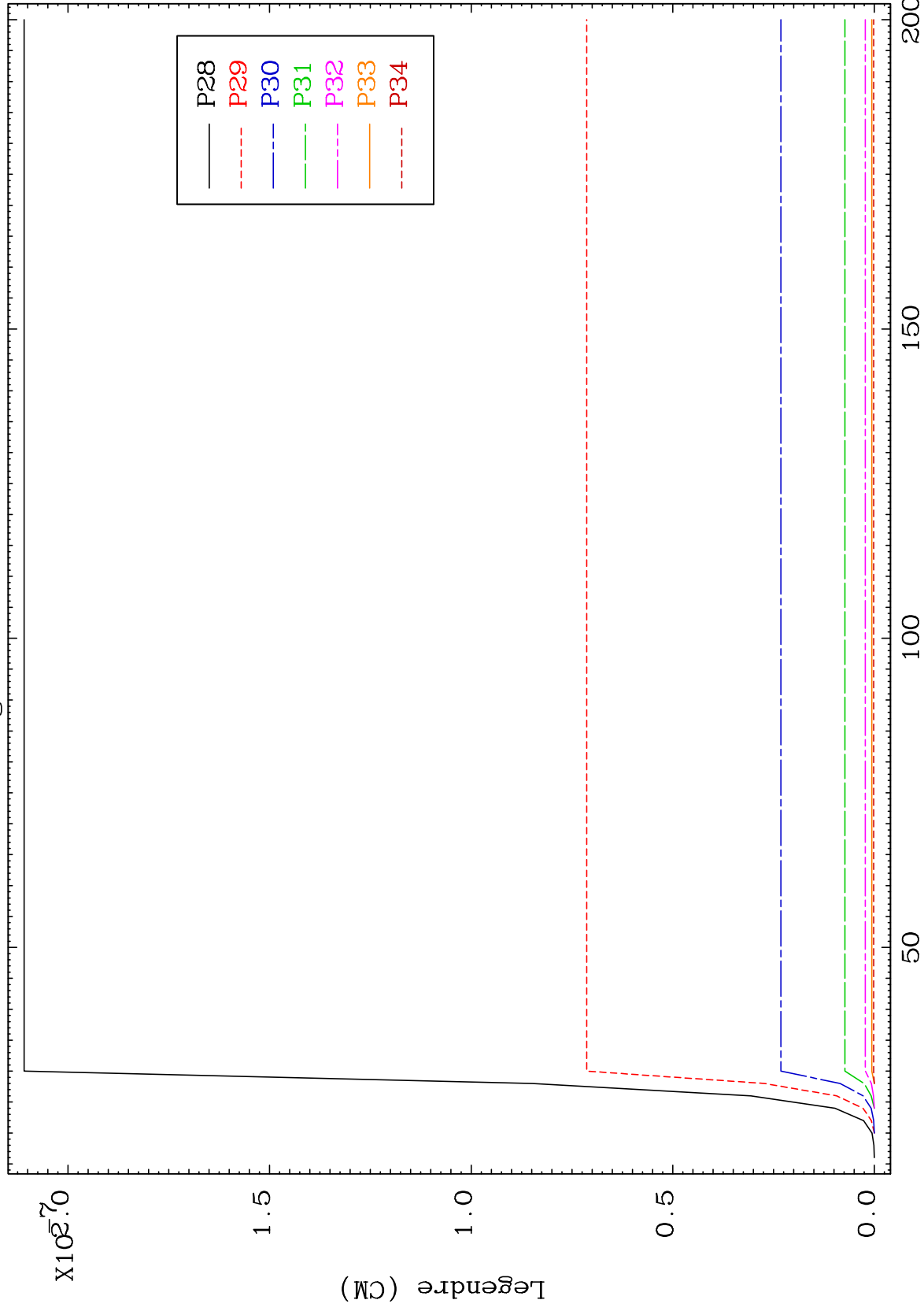
37-Rb-77



MAT 3701

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

37-Rb-77



36

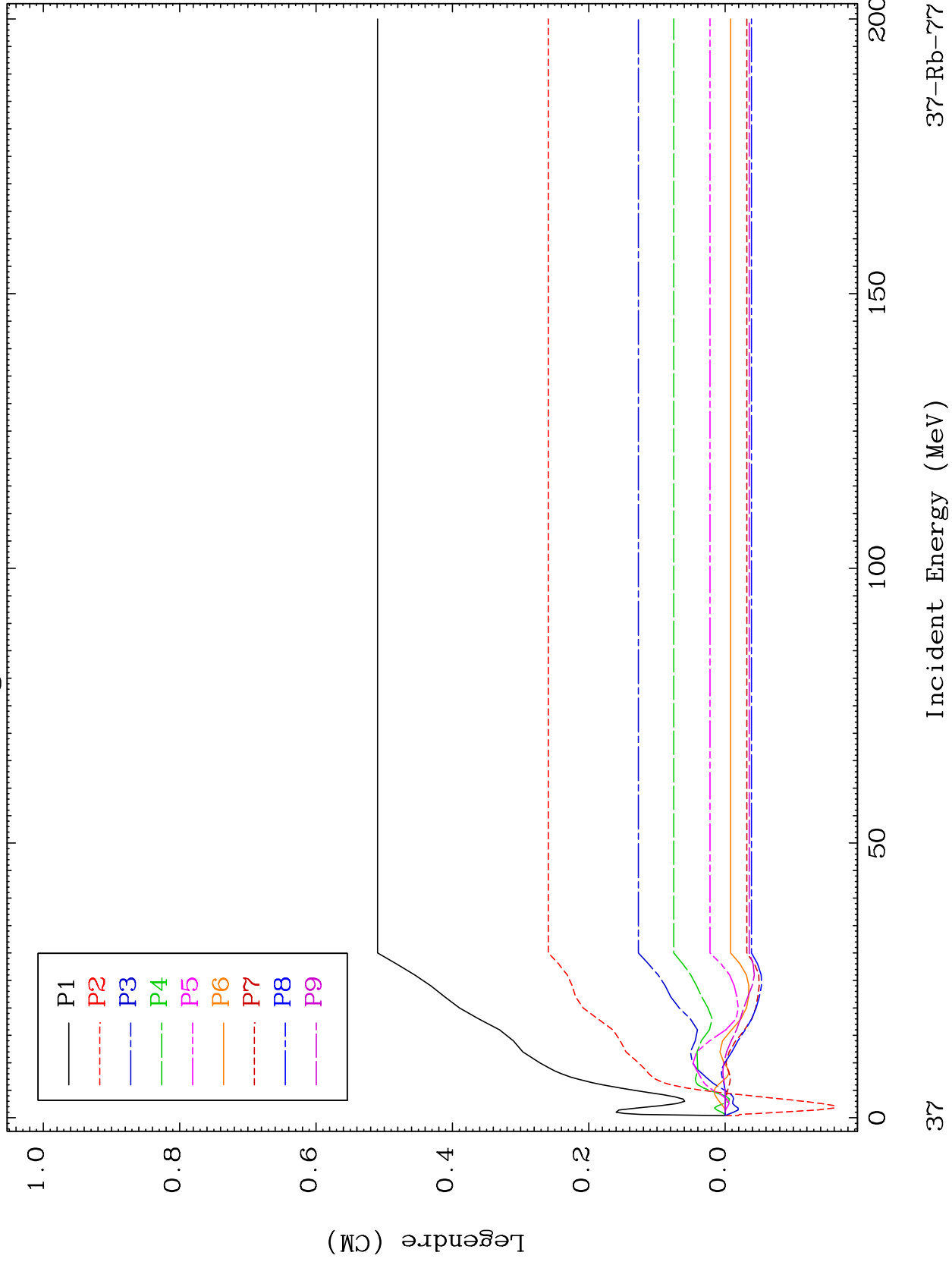
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77

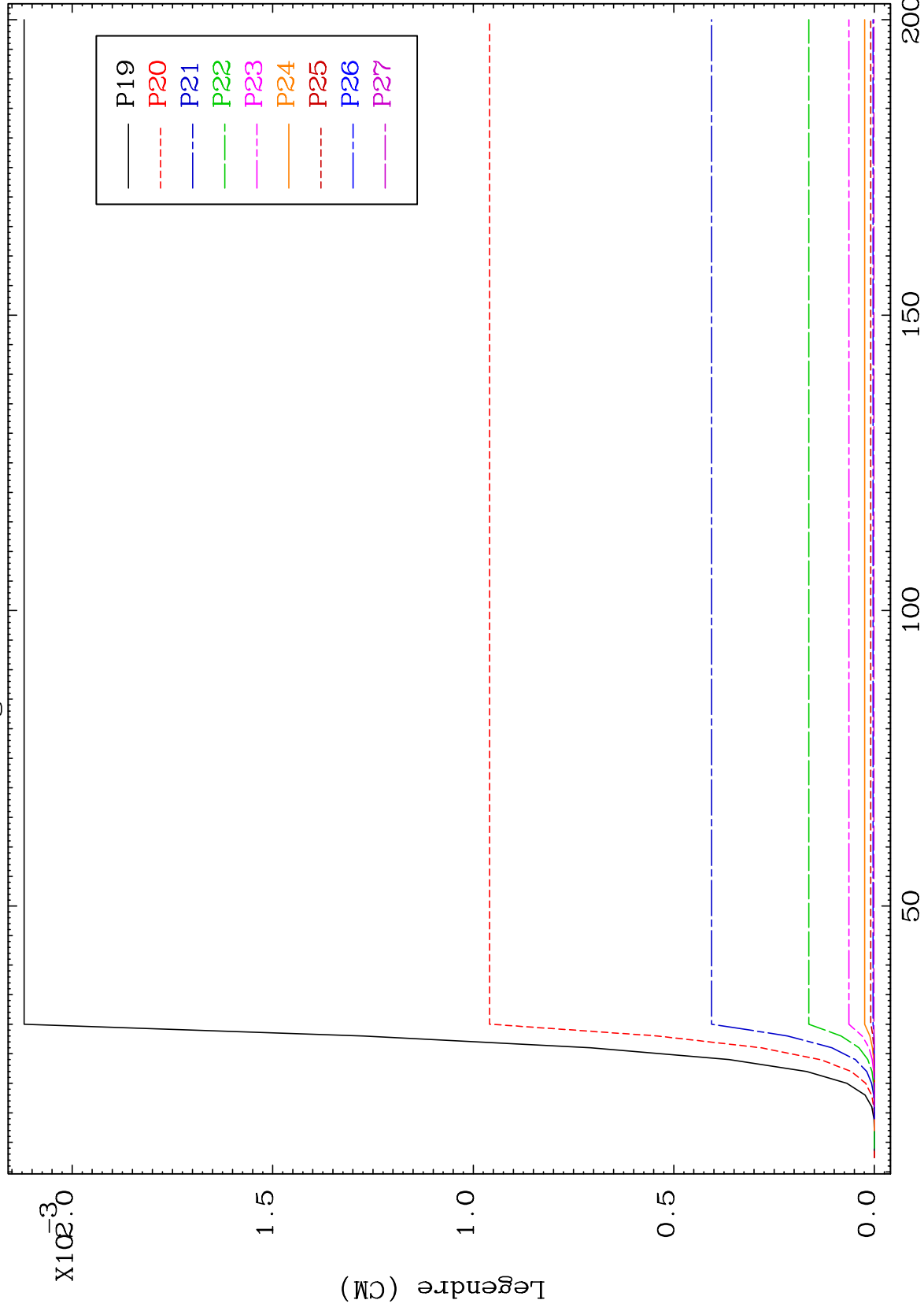




MAT 3701

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

37-Rb-77



39

Incident Energy (MeV)

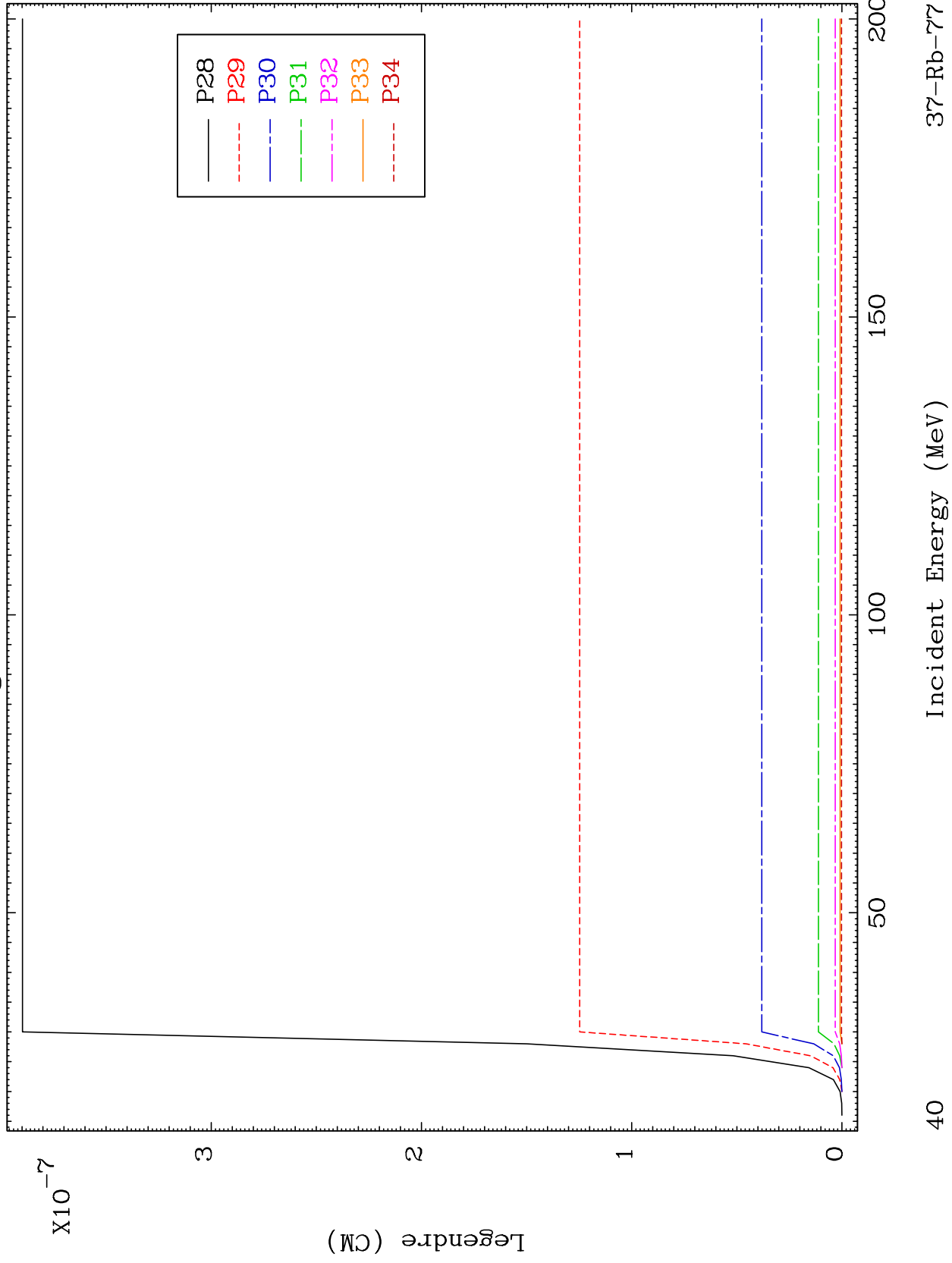
37-Rb-77



MAT 3701

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

37-Rb-77



37-Rb-77

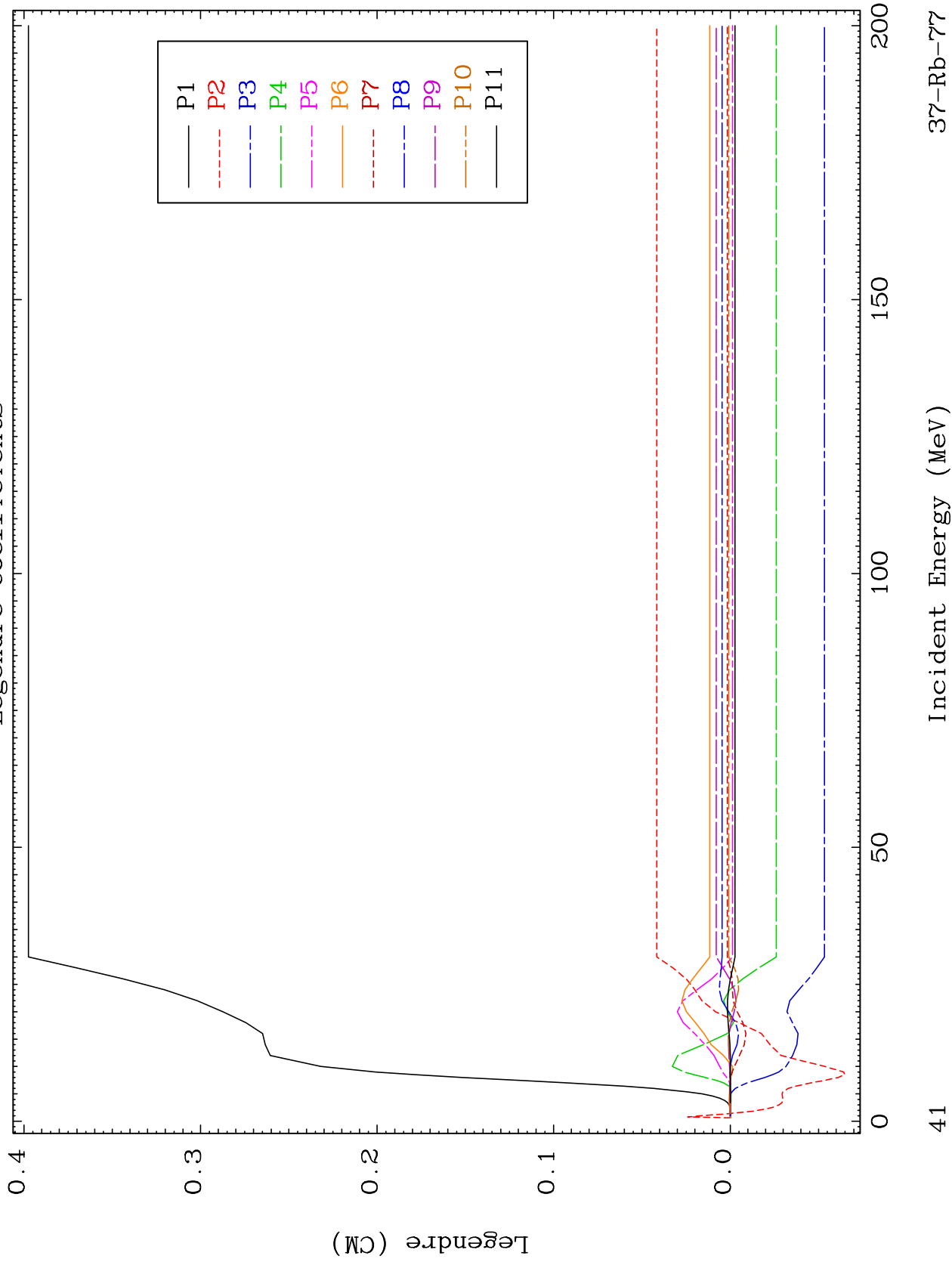
Incident Energy (MeV)

40

MAT 3701

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

37-Rb-77



37-Rb-77

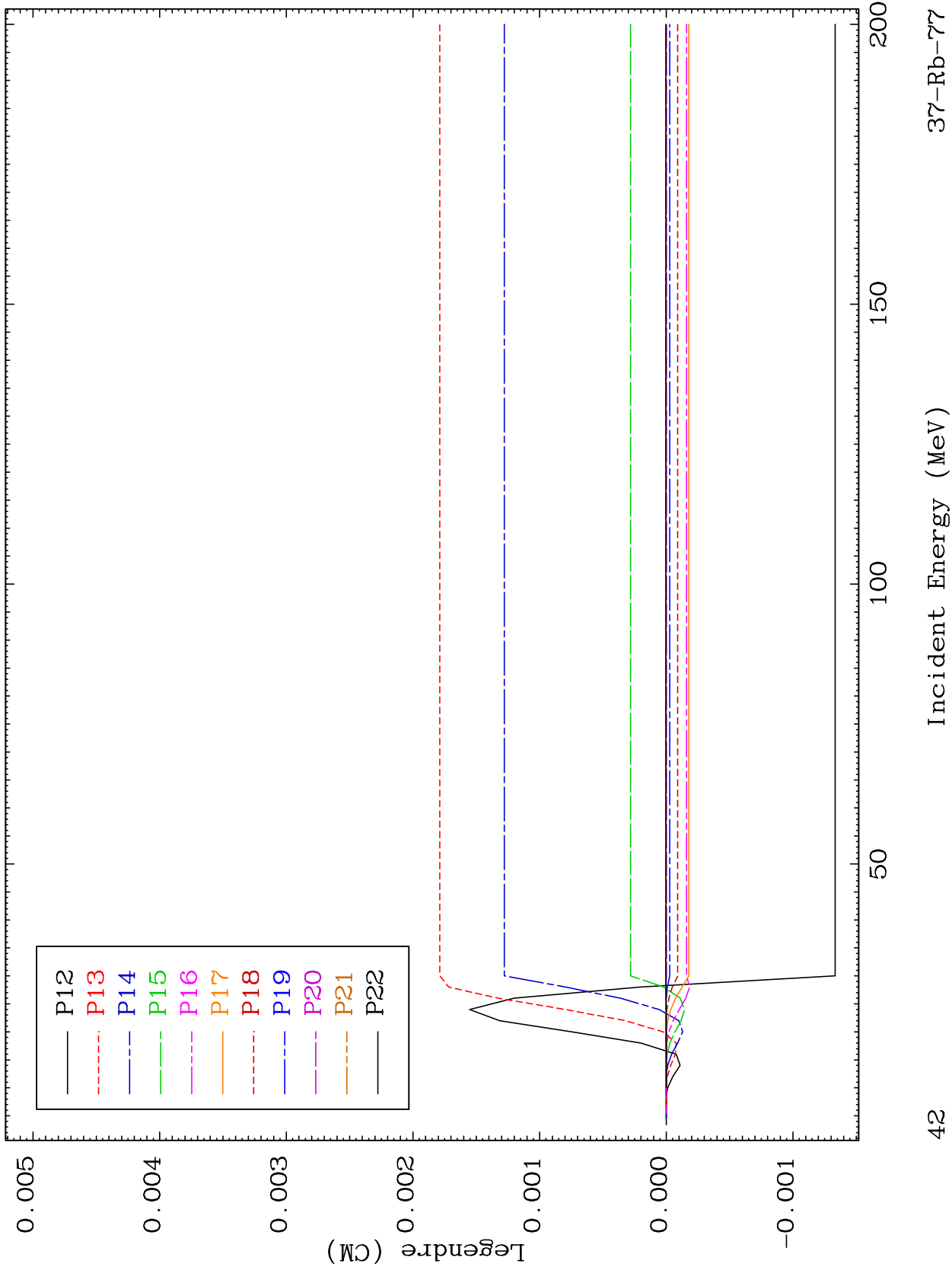
Incident Energy (MeV)

41

MAT 3701

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

37-Rb-77

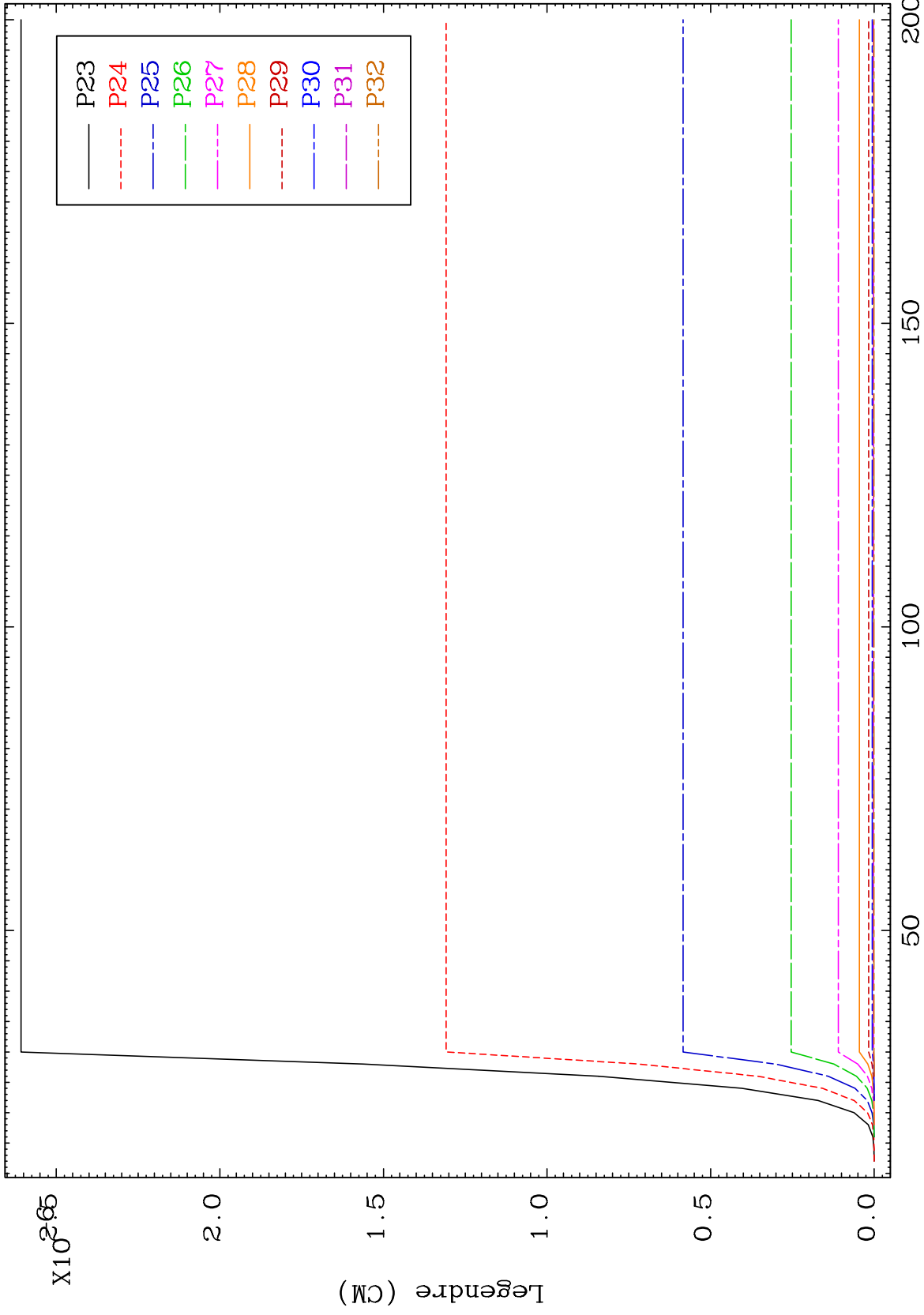


42

MAT 3701

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

37-Rb-77



43

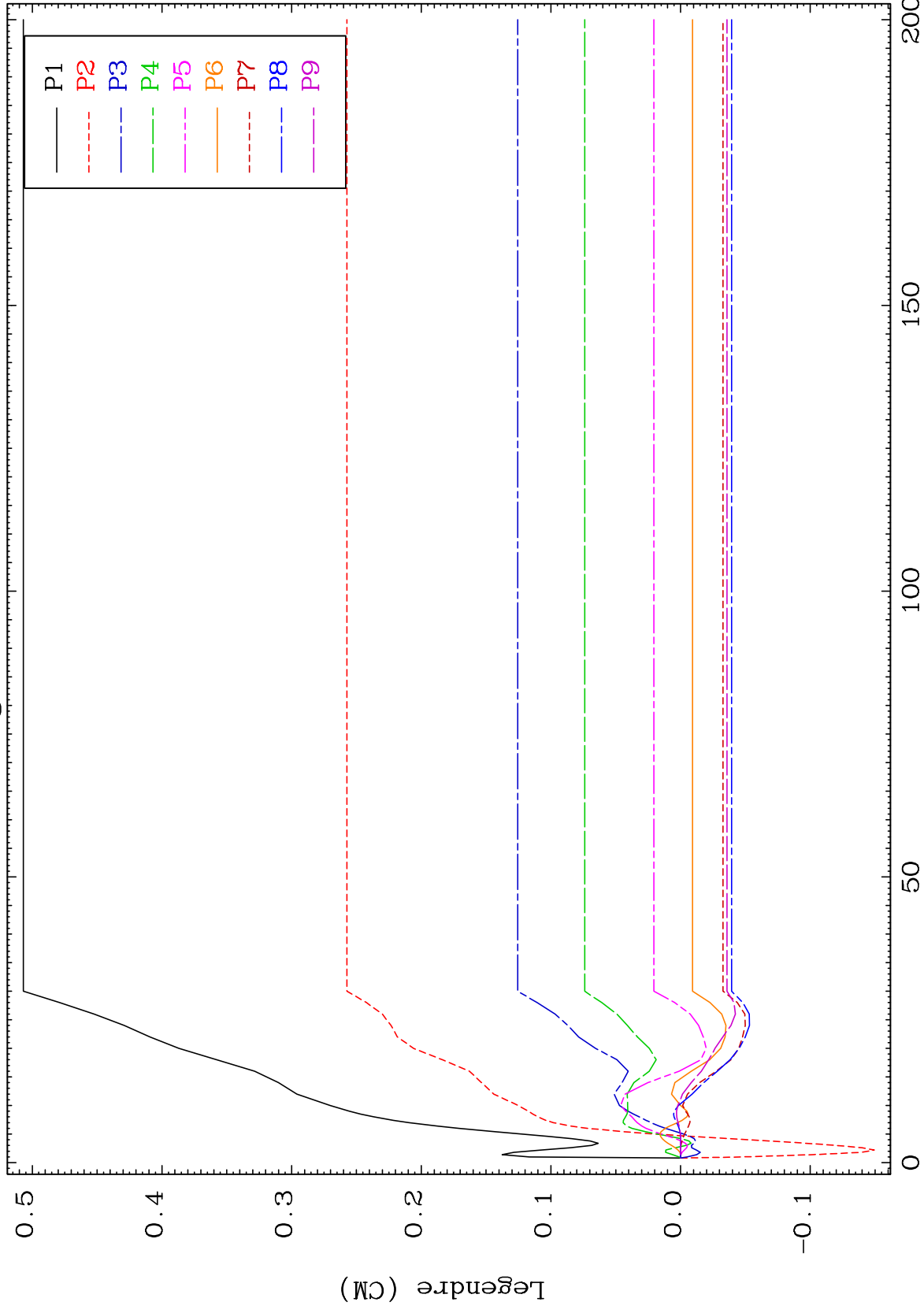
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



44

Incident Energy (MeV)

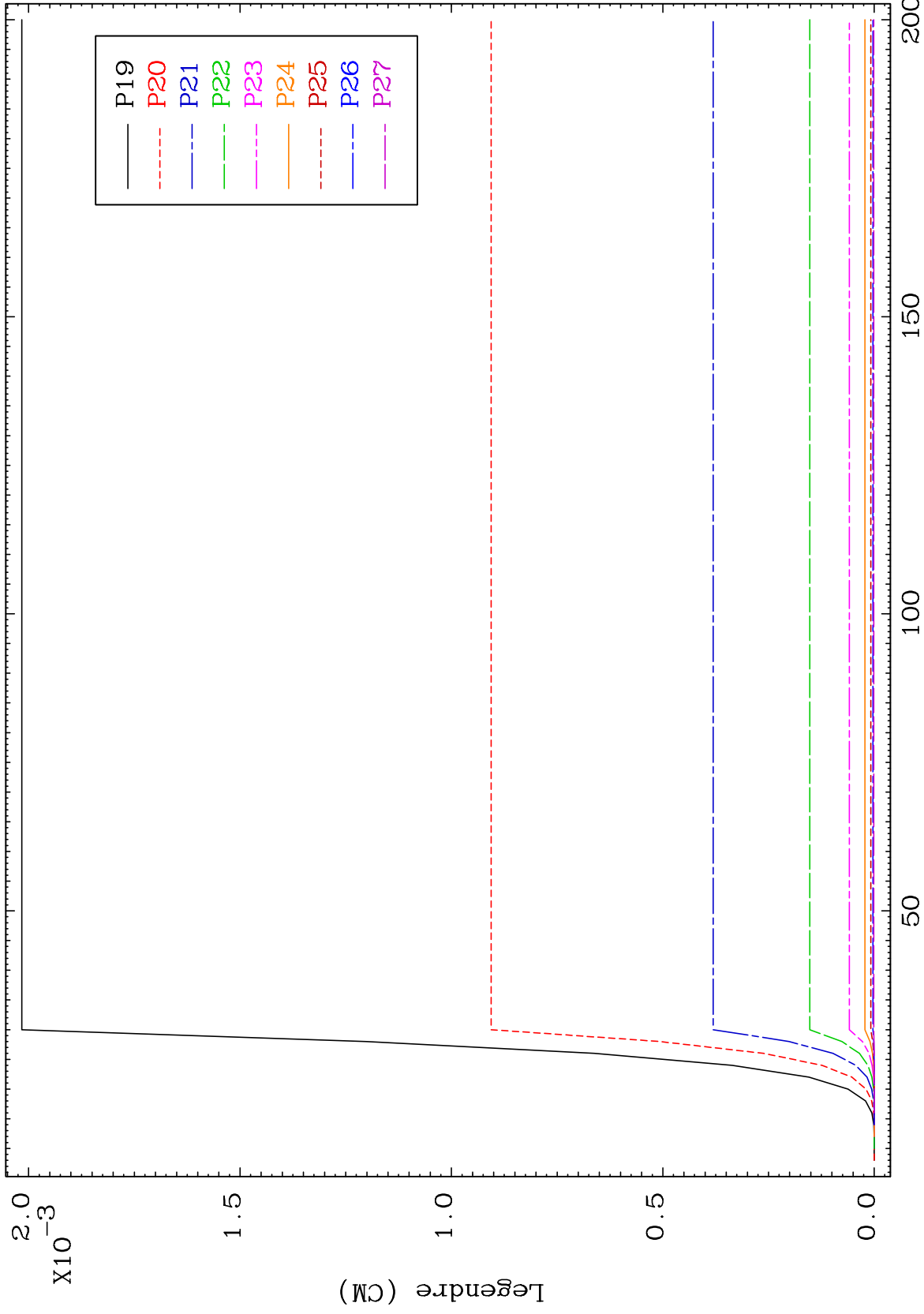
37-Rb-77



MAT 3701

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

37-Rb-77



46

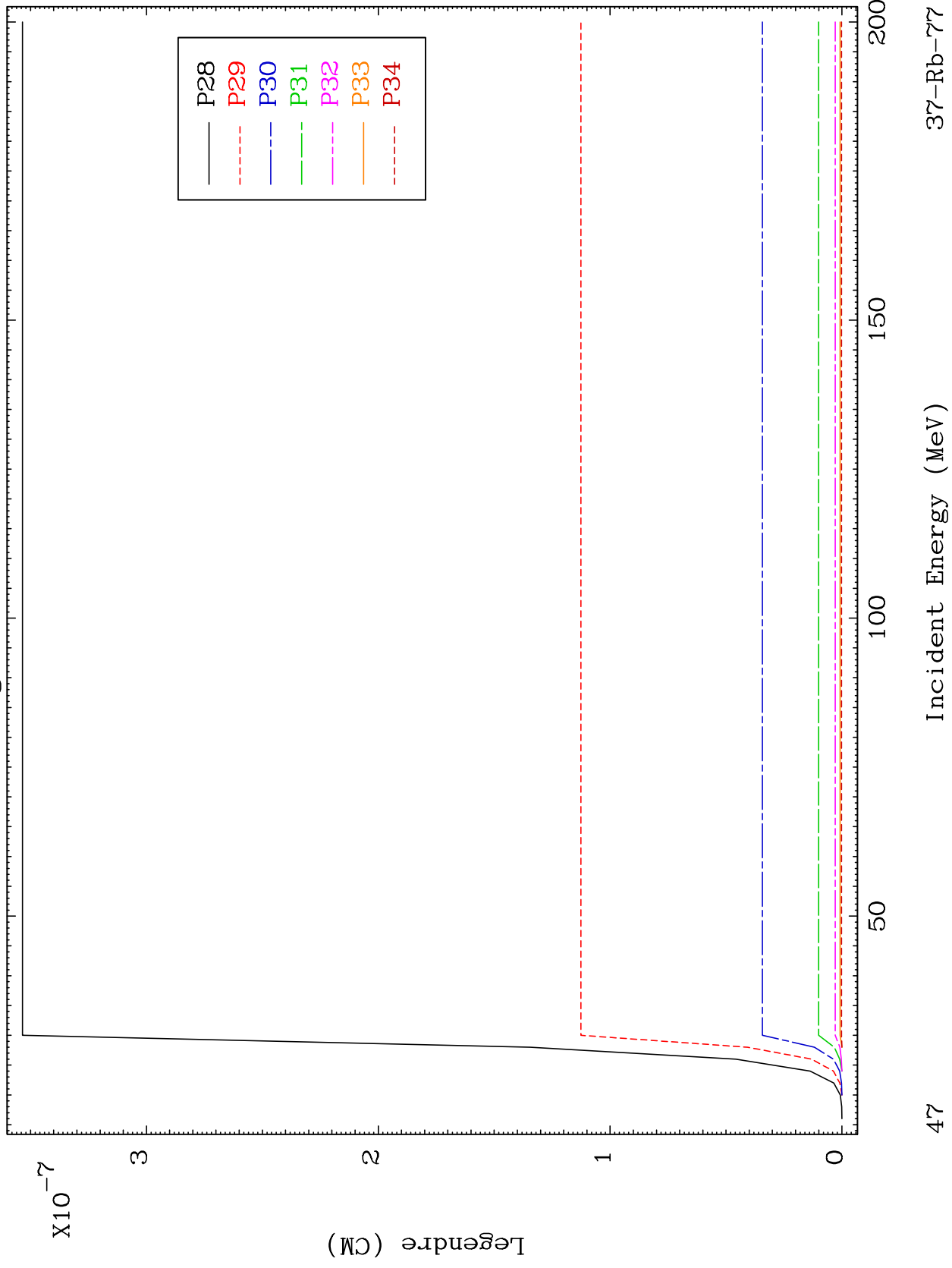
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



47

Incident Energy (MeV)

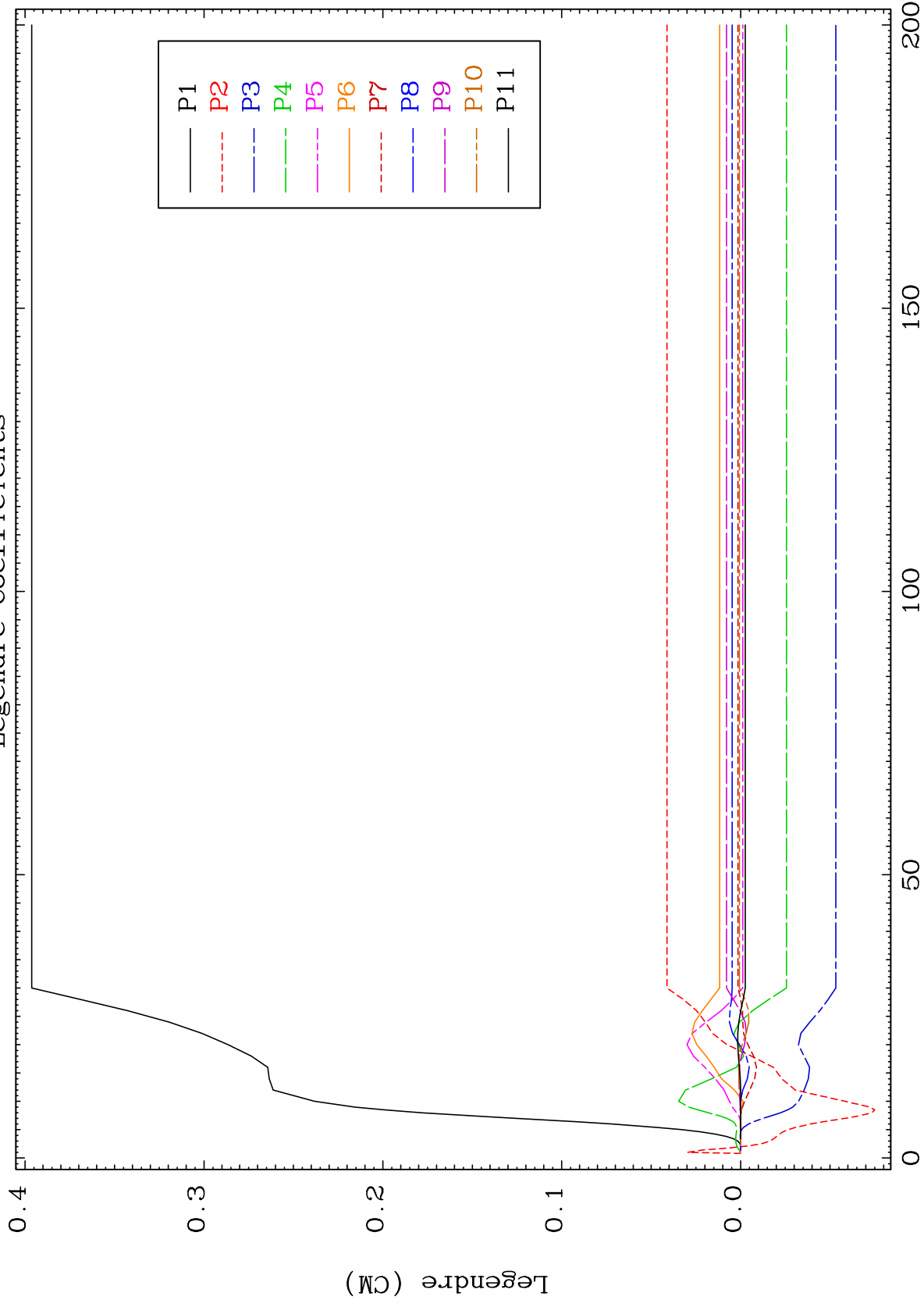
37-Rb-77



MAT 3701

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

37-Rb-77



48

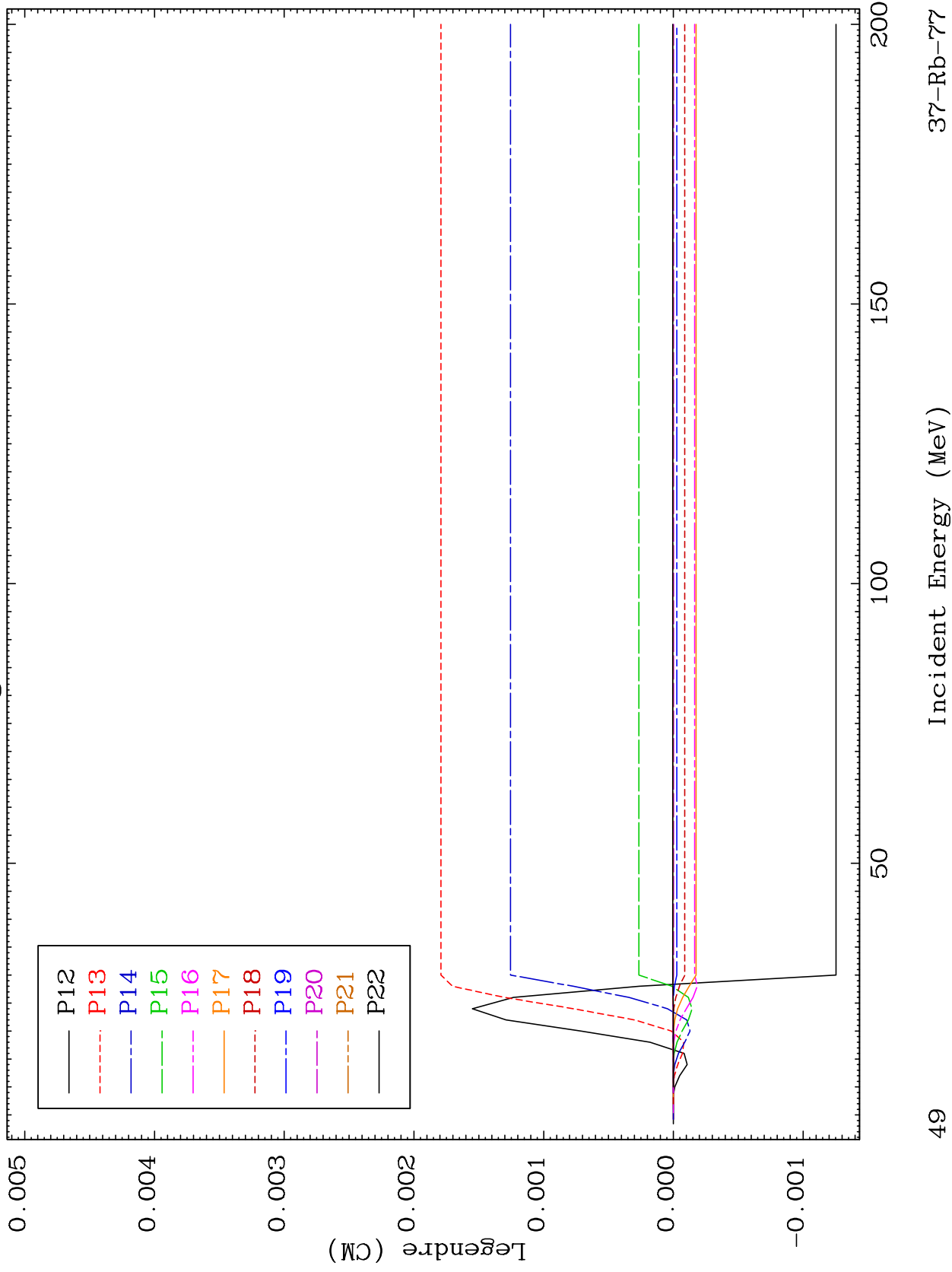
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

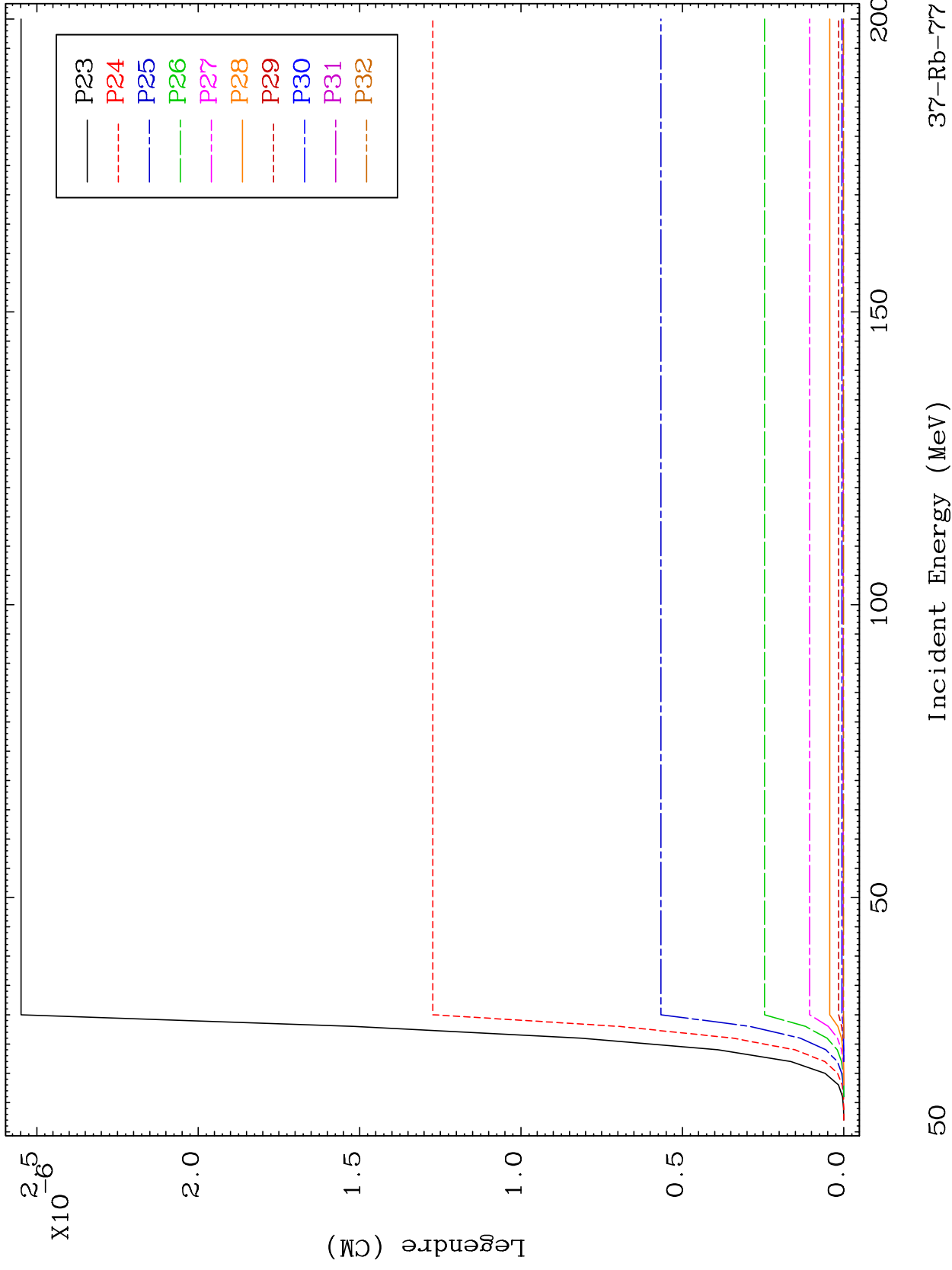
37-Rb-77



MAT 3701

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

37-Rb-77



37-Rb-77

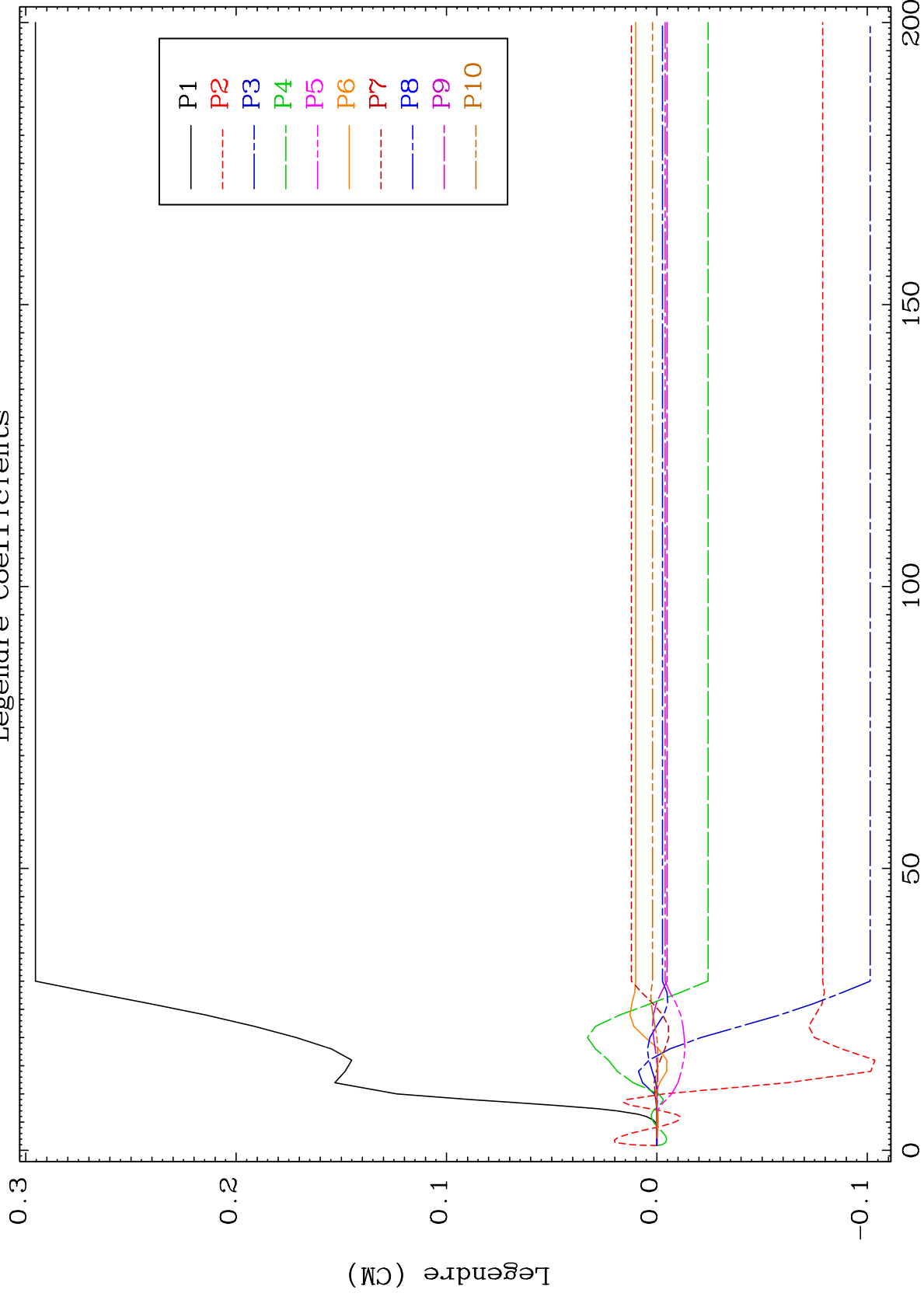
Incident Energy (MeV)

50

MAT 3701

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

37-Rb-77



51

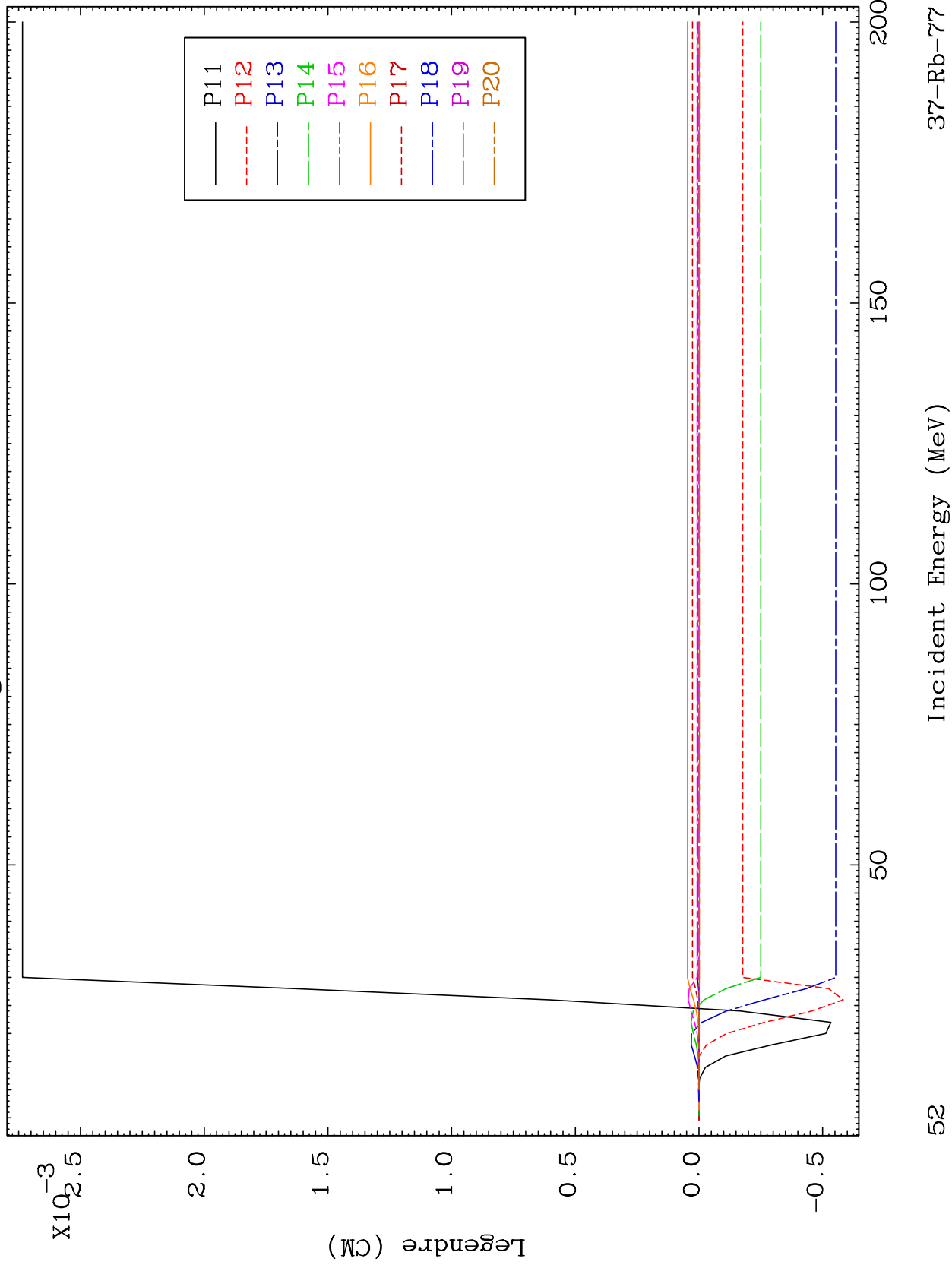
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



52

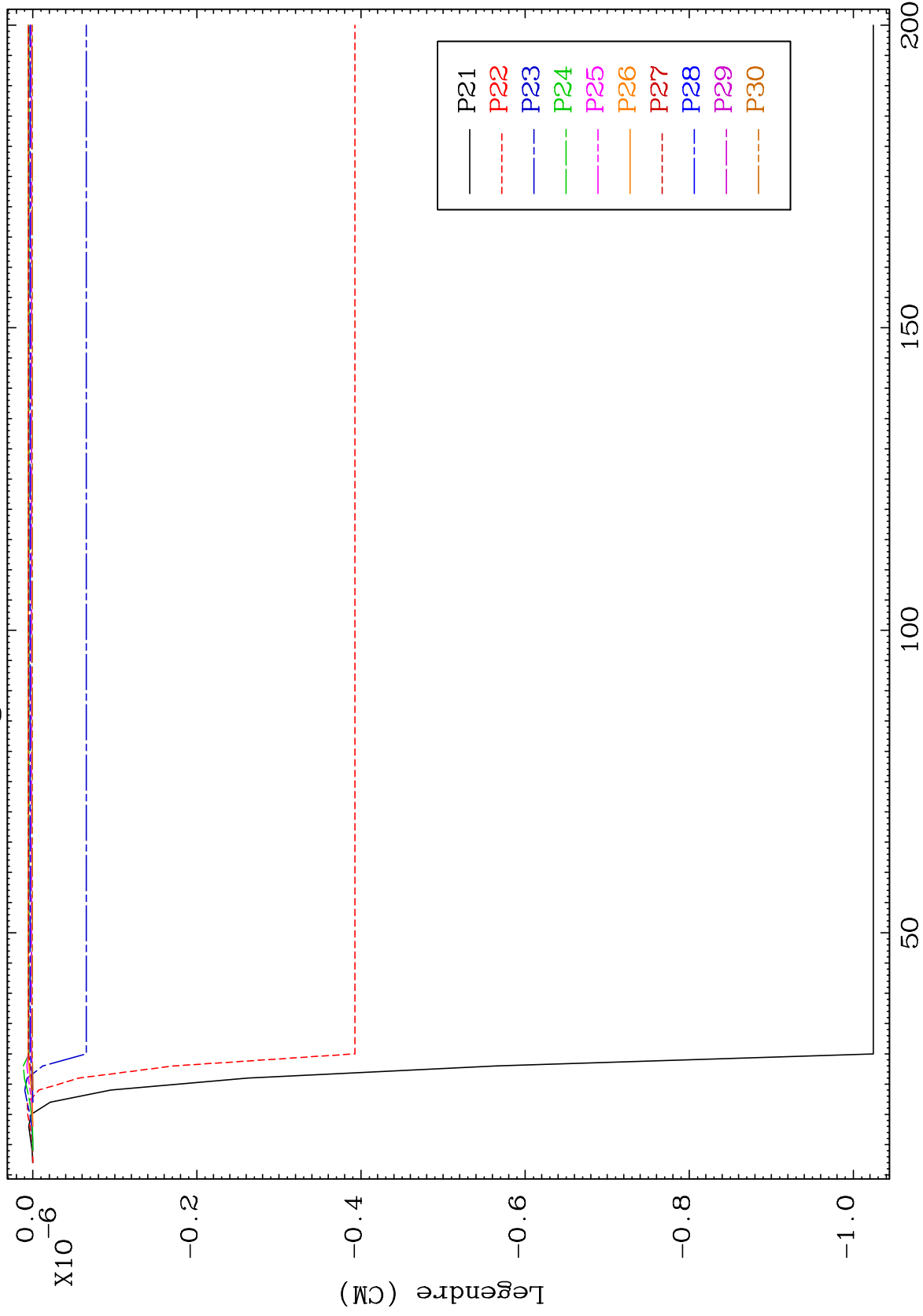
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



53

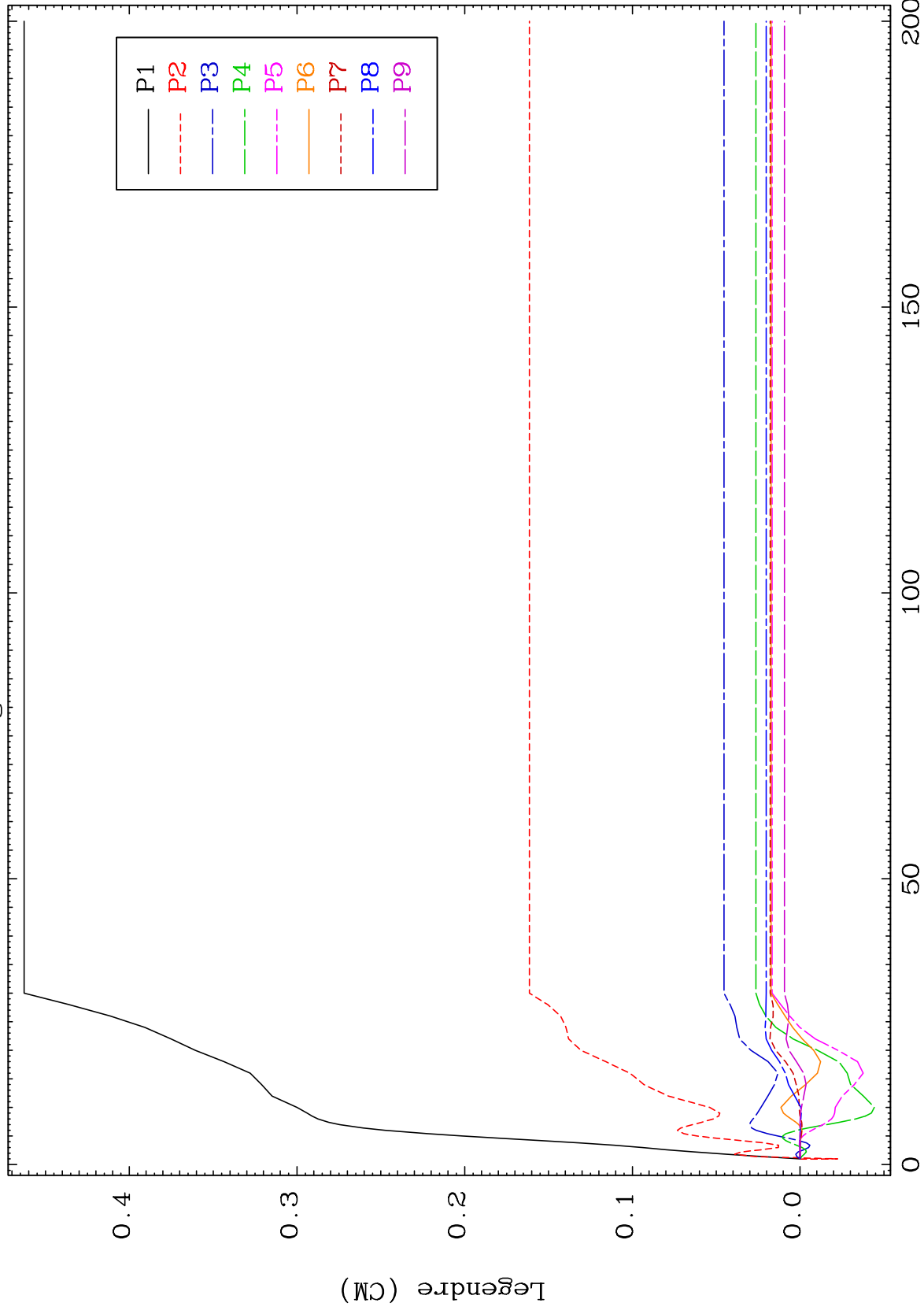
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



54

Incident Energy (MeV)

37-Rb-77

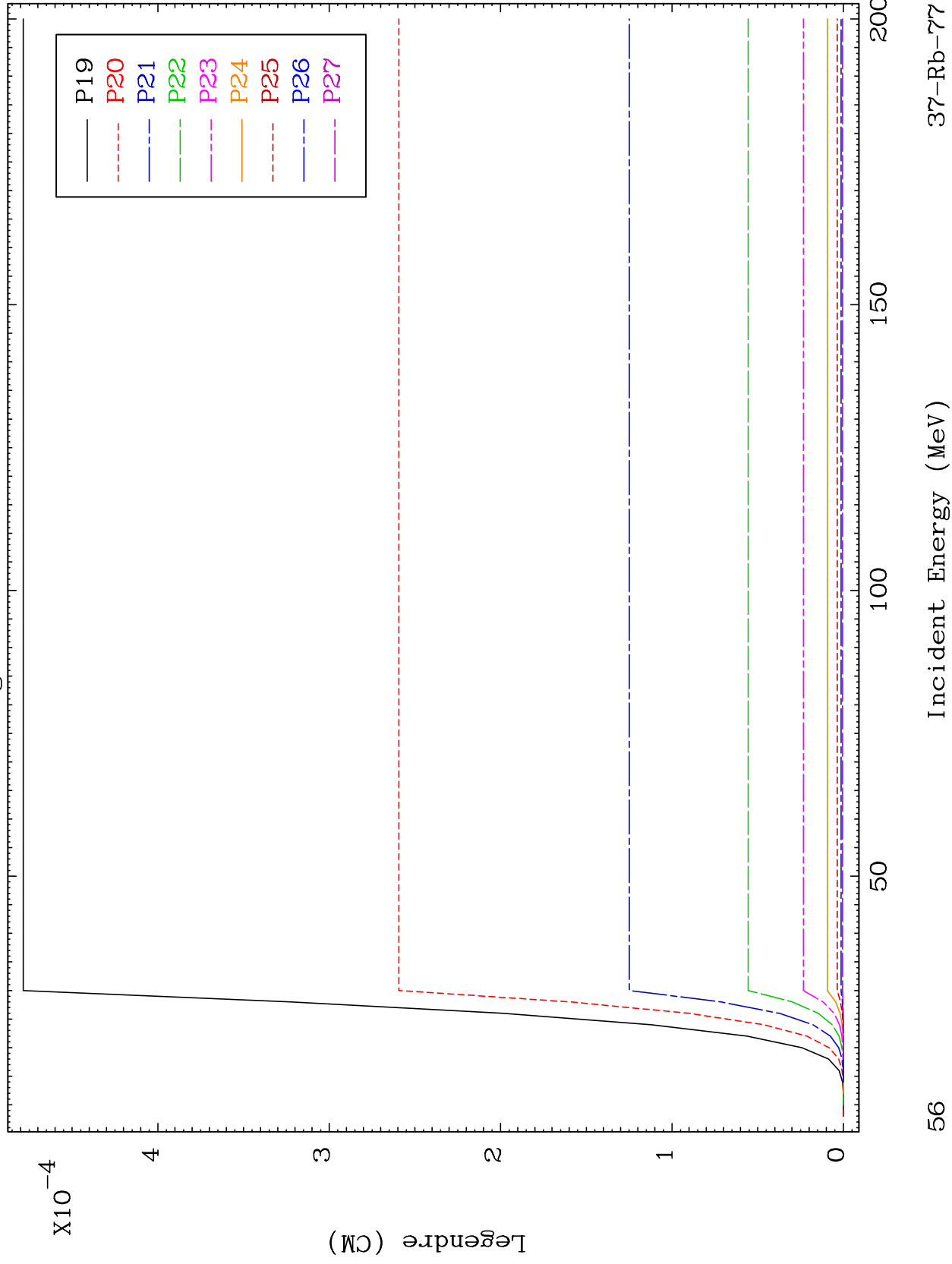




MAT 3701

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

37-Rb-77



56

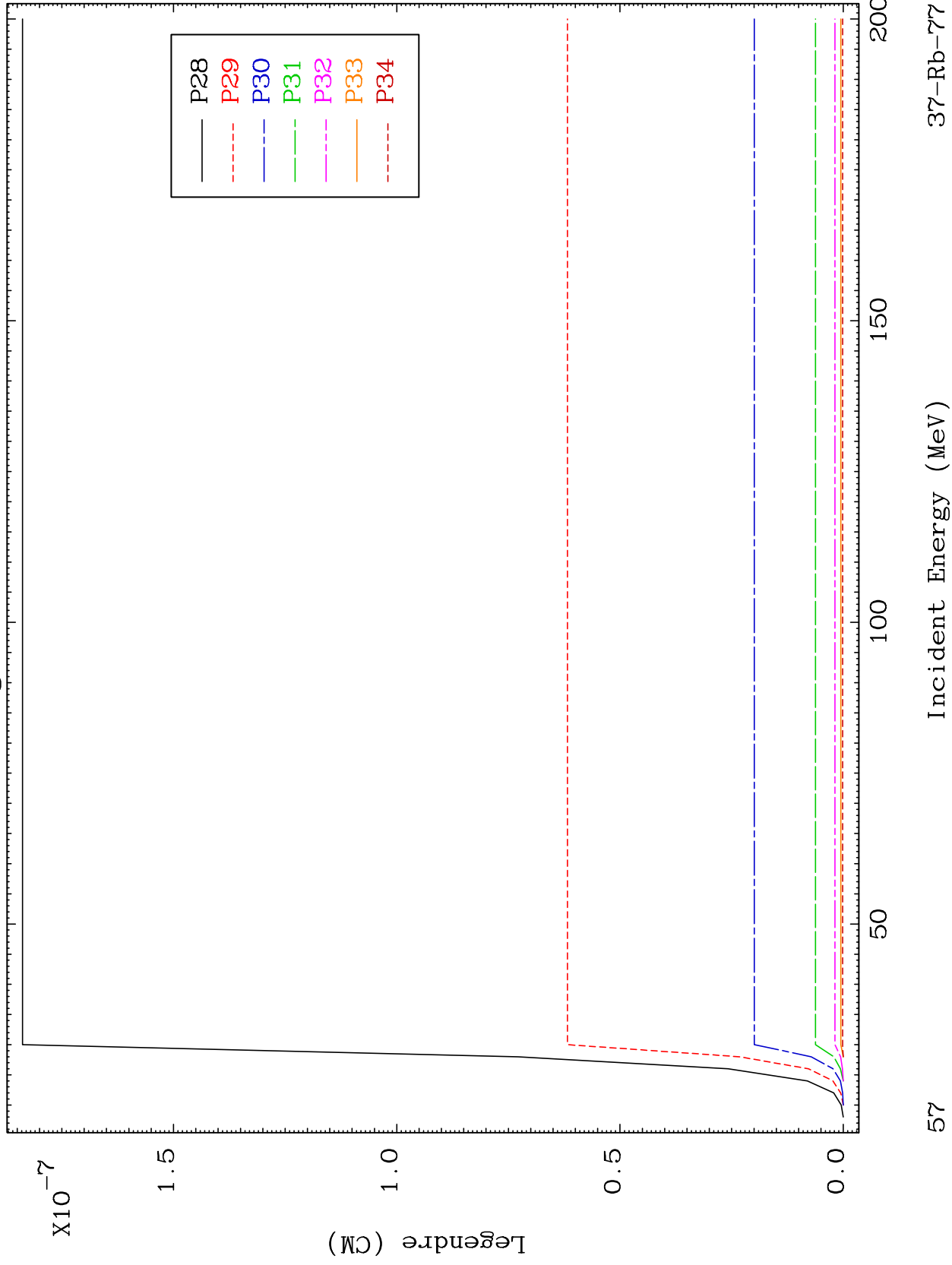
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



57

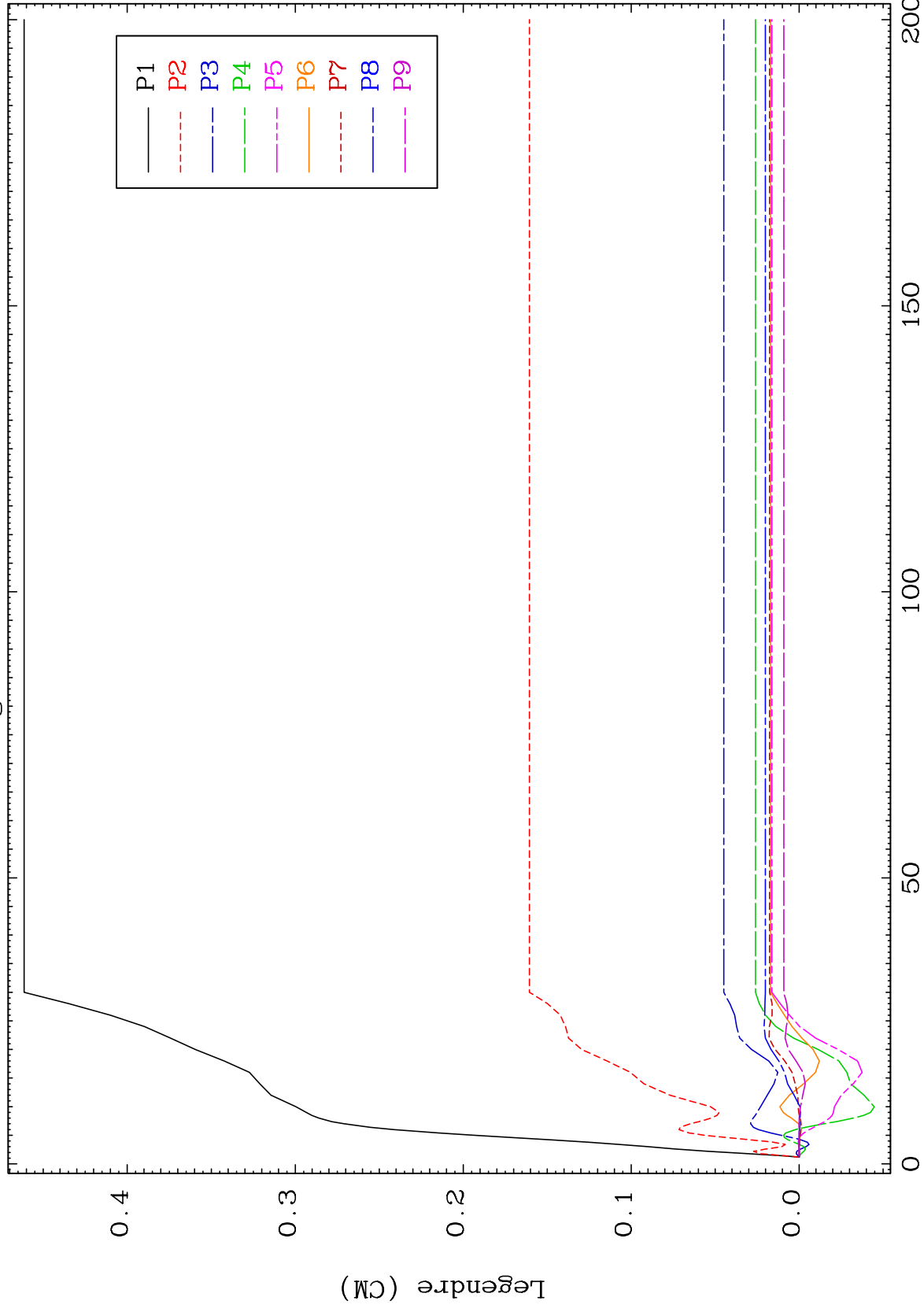
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



58

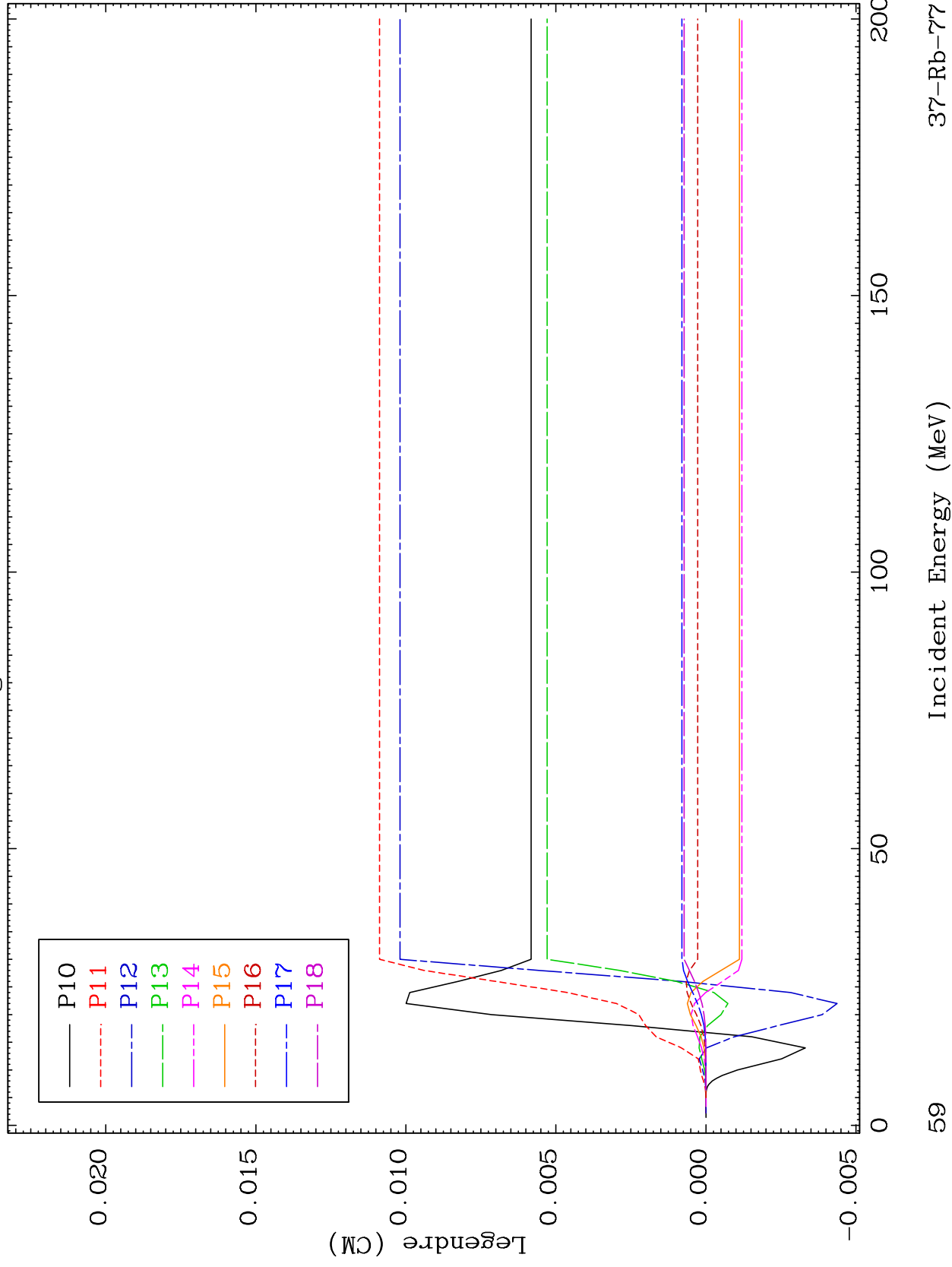
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

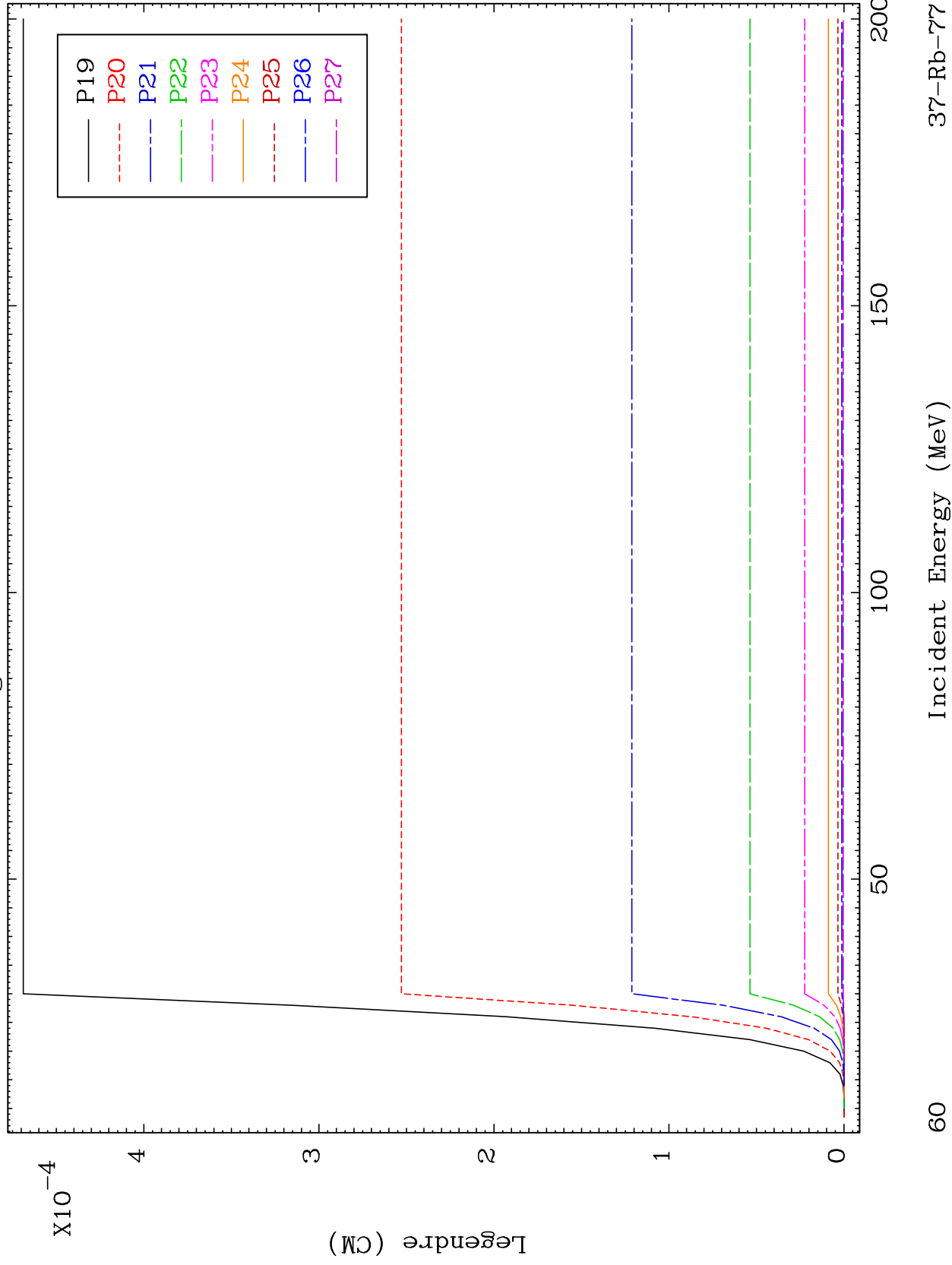
37-Rb-77



MAT 3701

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

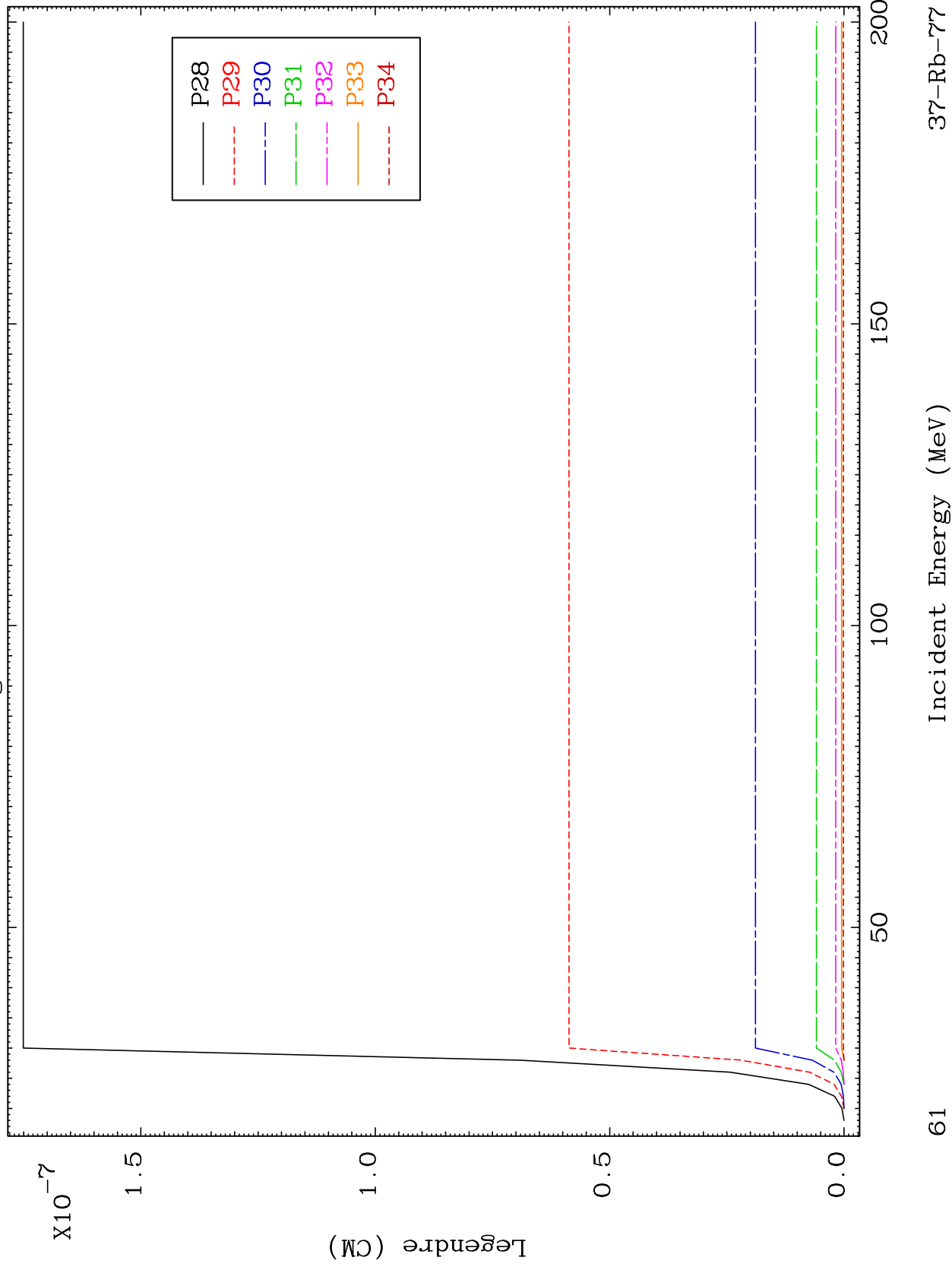
37-Rb-77



MAT 3701

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

37-Rb-77



61

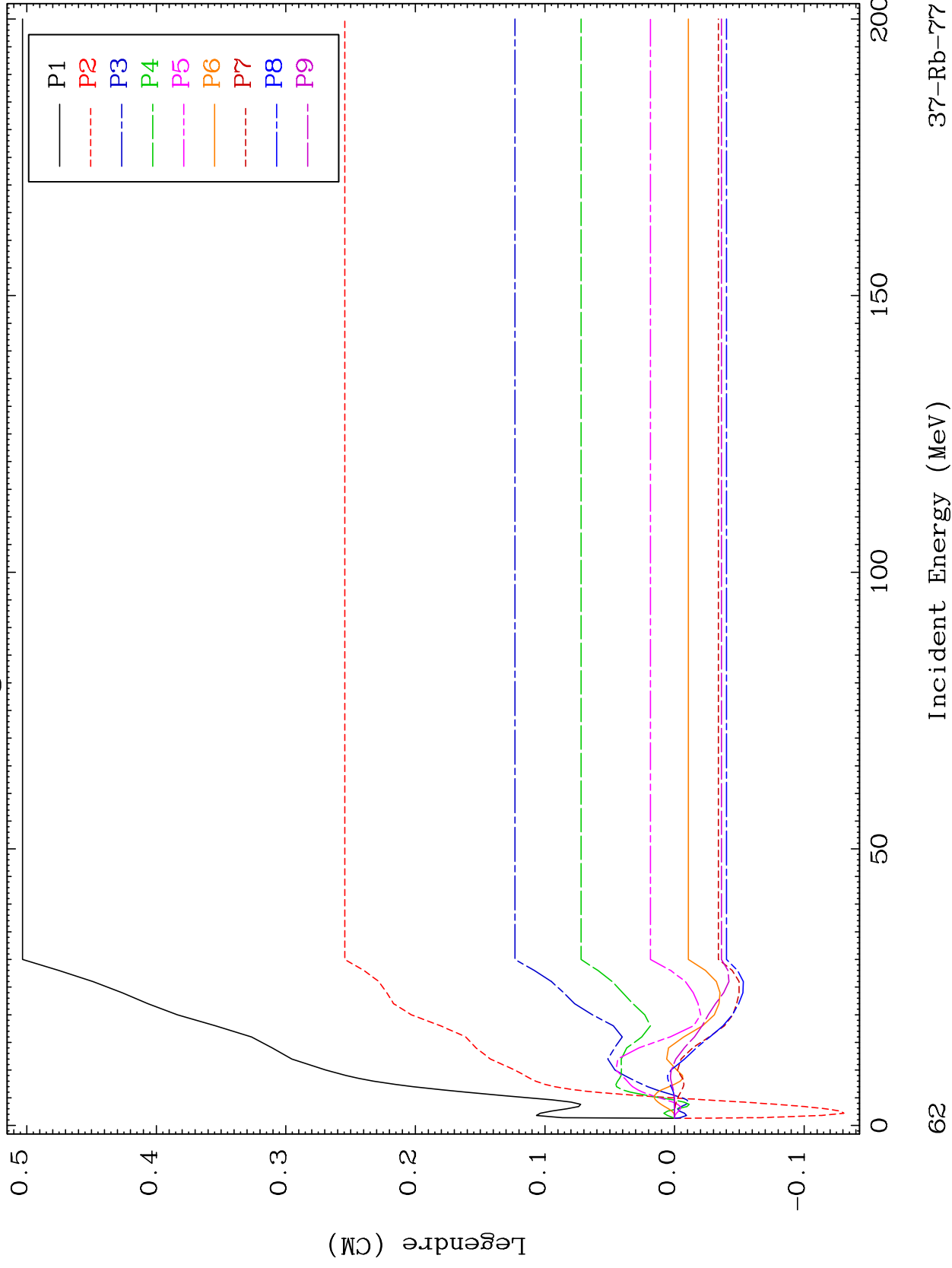
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



37-Rb-77

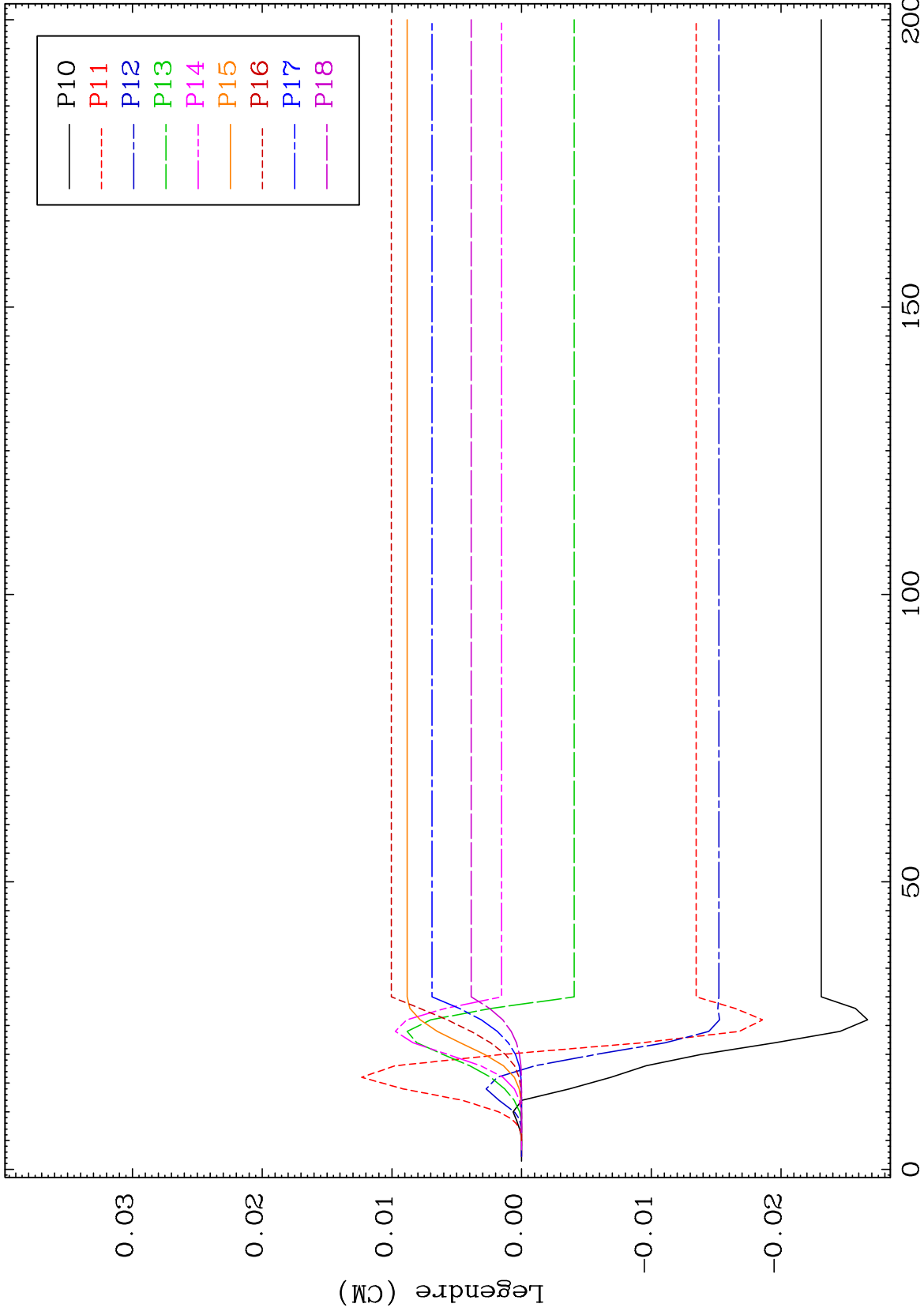
Incident Energy (MeV)

62

MAT 3701

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

37-Rb-77



63

Incident Energy (MeV)

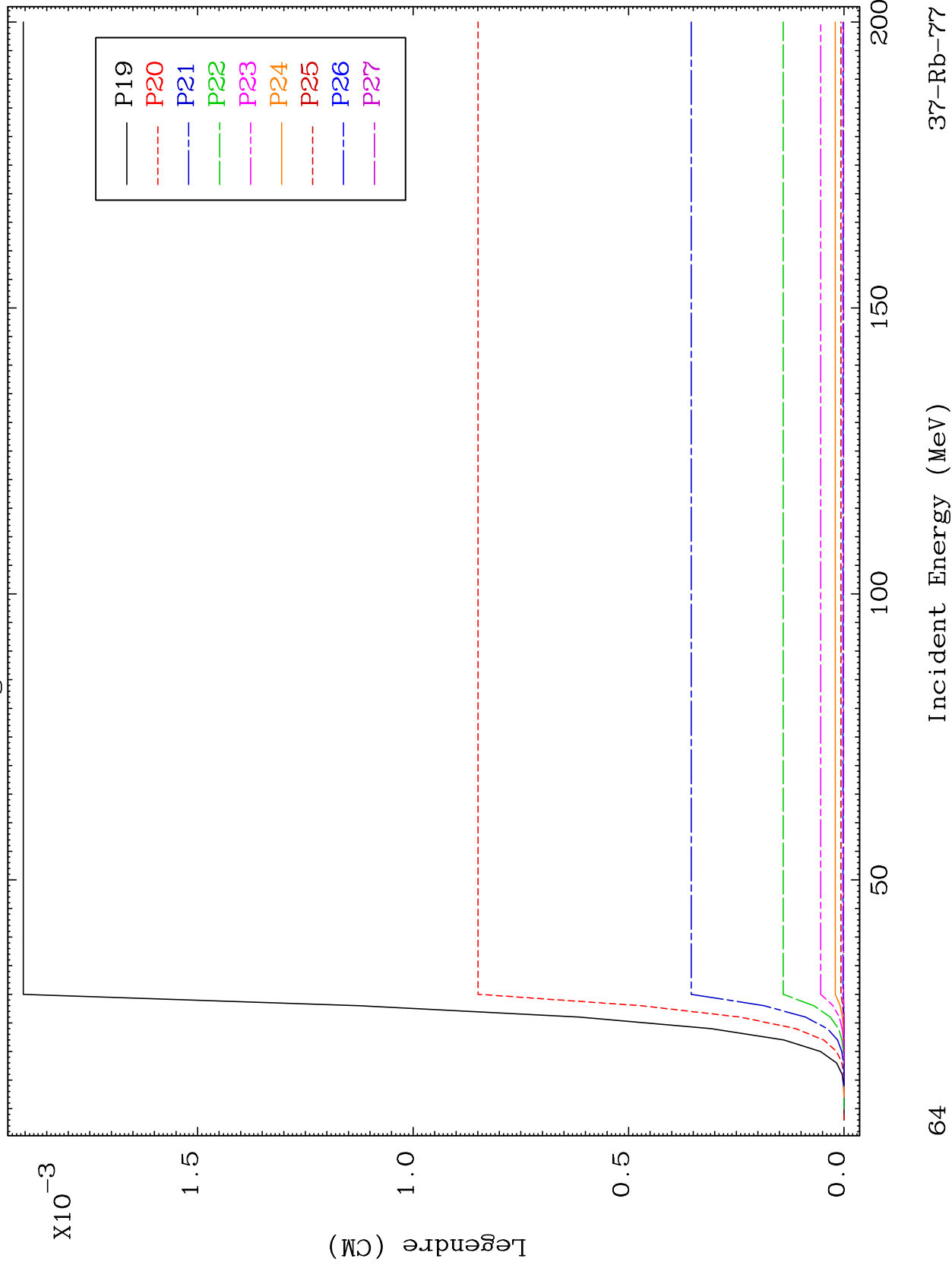
37-Rb-77



MAT 3701

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

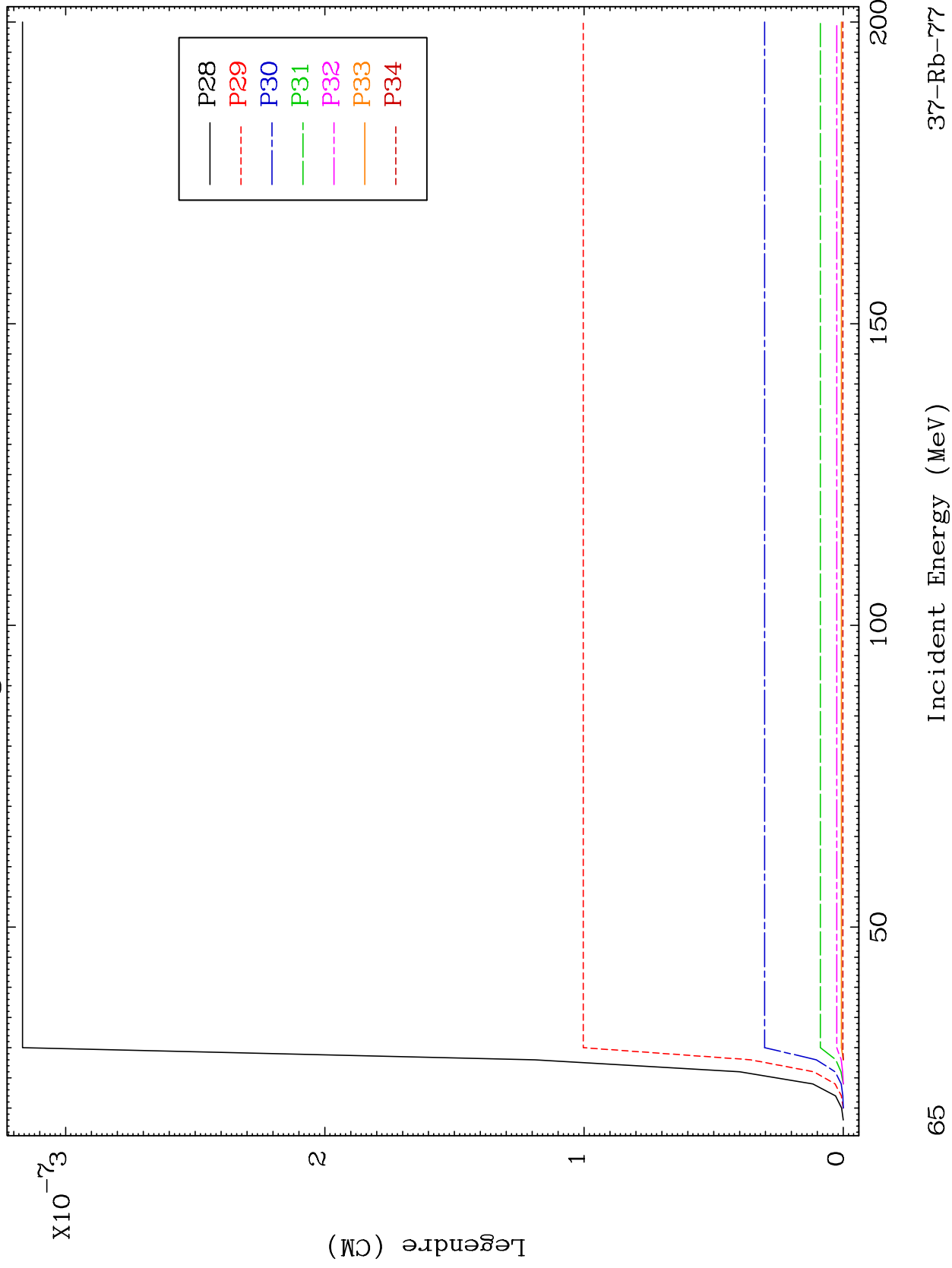
37-Rb-77



MAT 3701

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

37-Rb-77



65

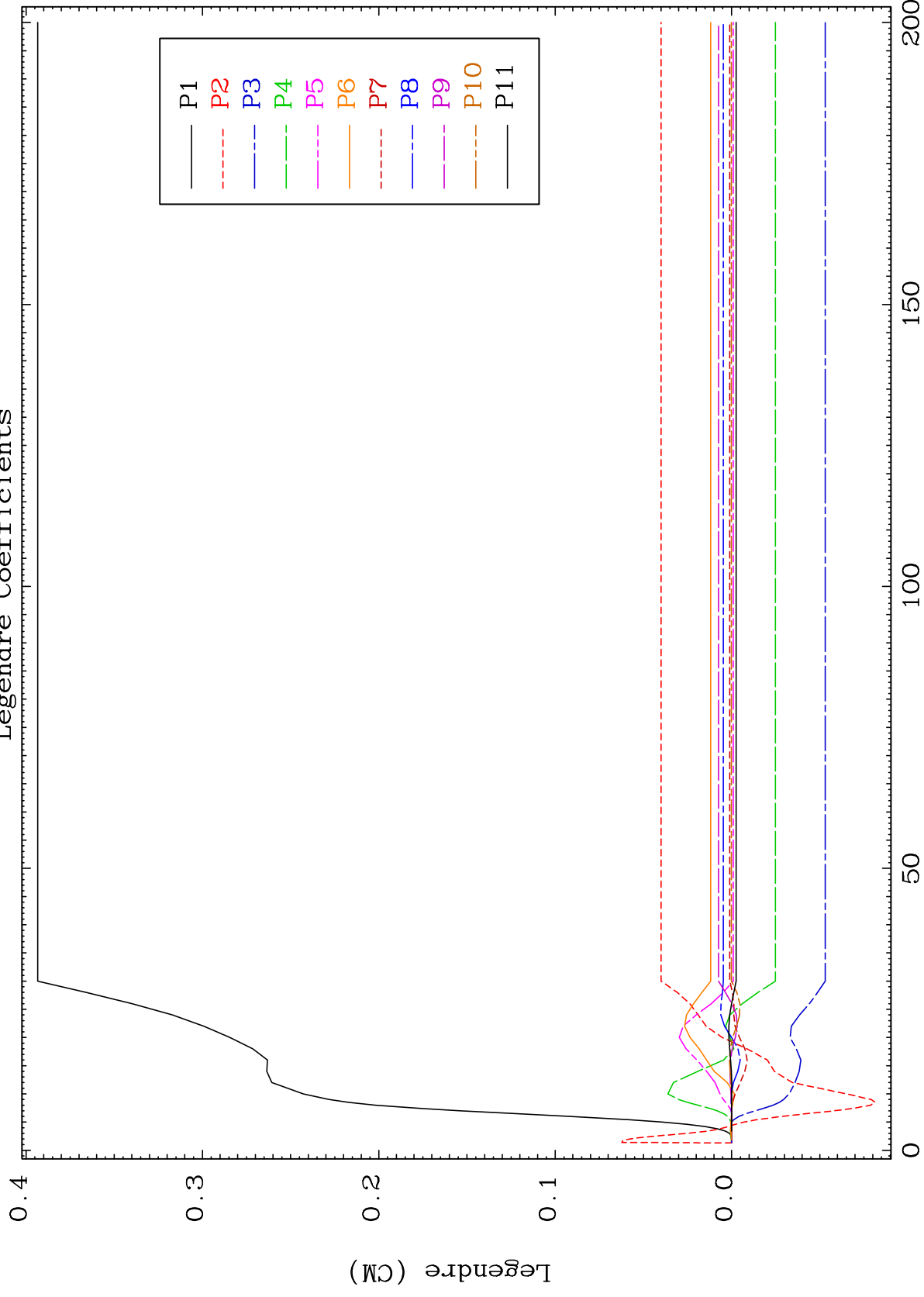
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



66

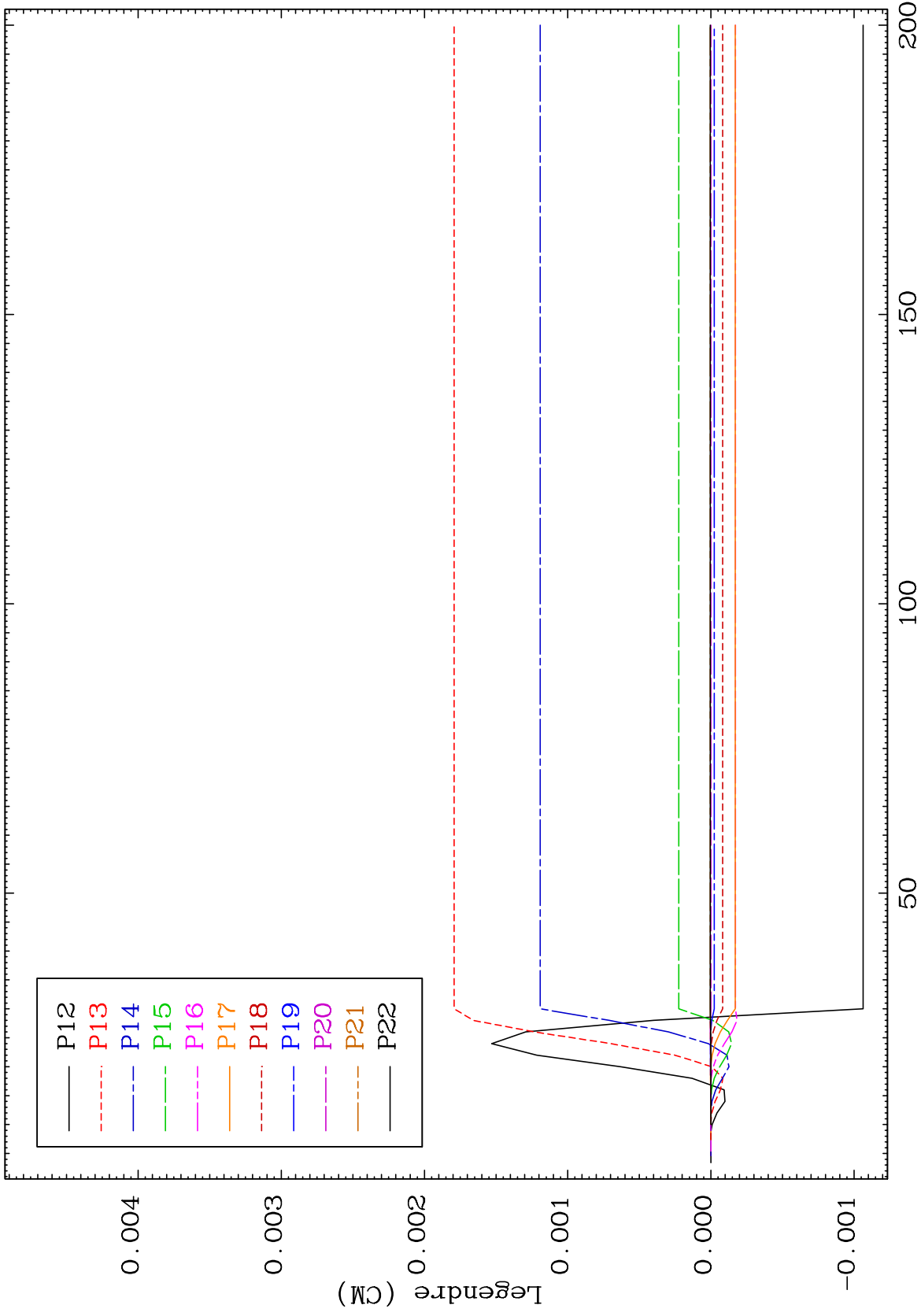
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



67

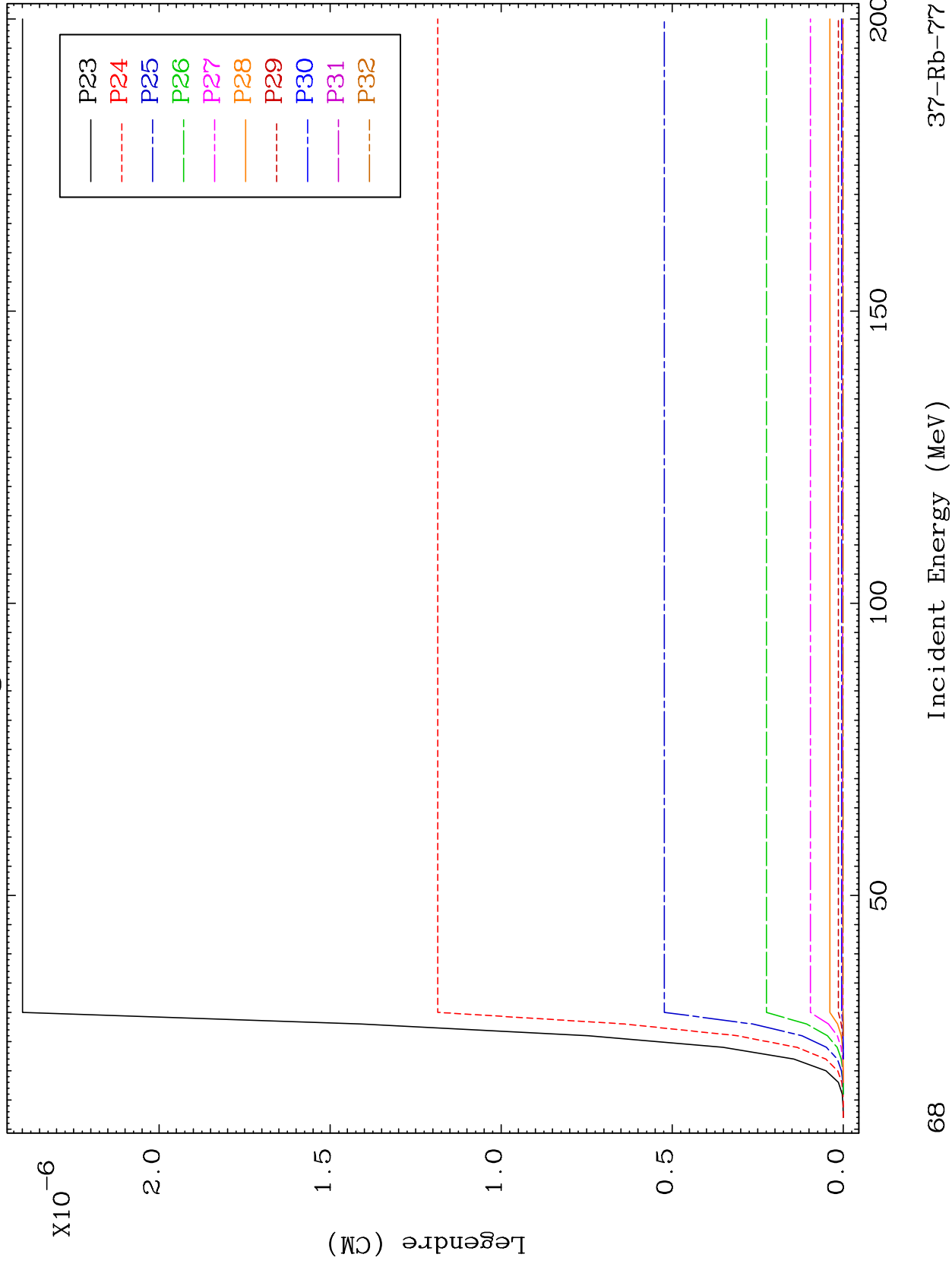
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



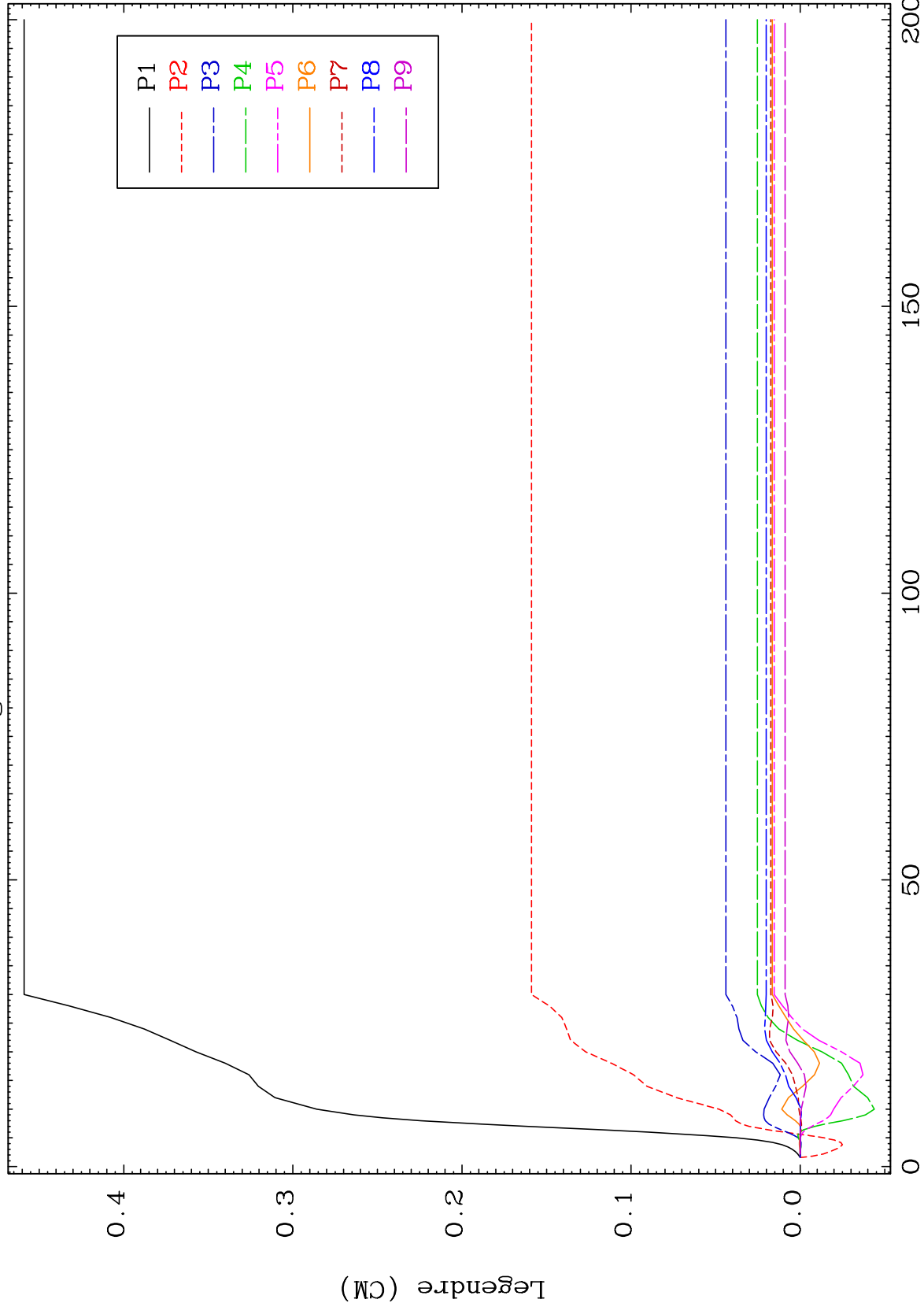
68

37-Rb-77

MAT 3701

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

37-Rb-77



69

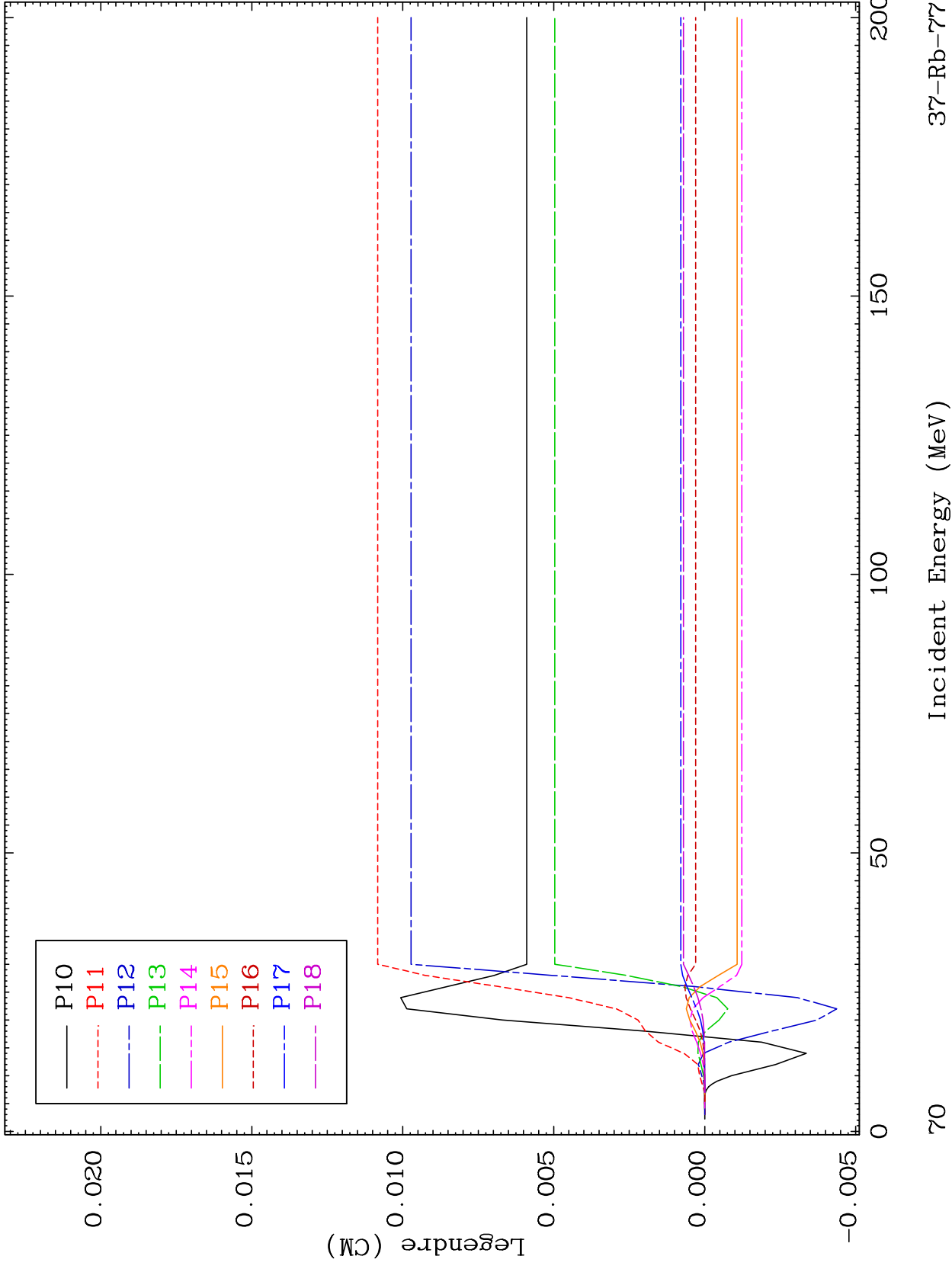
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



70

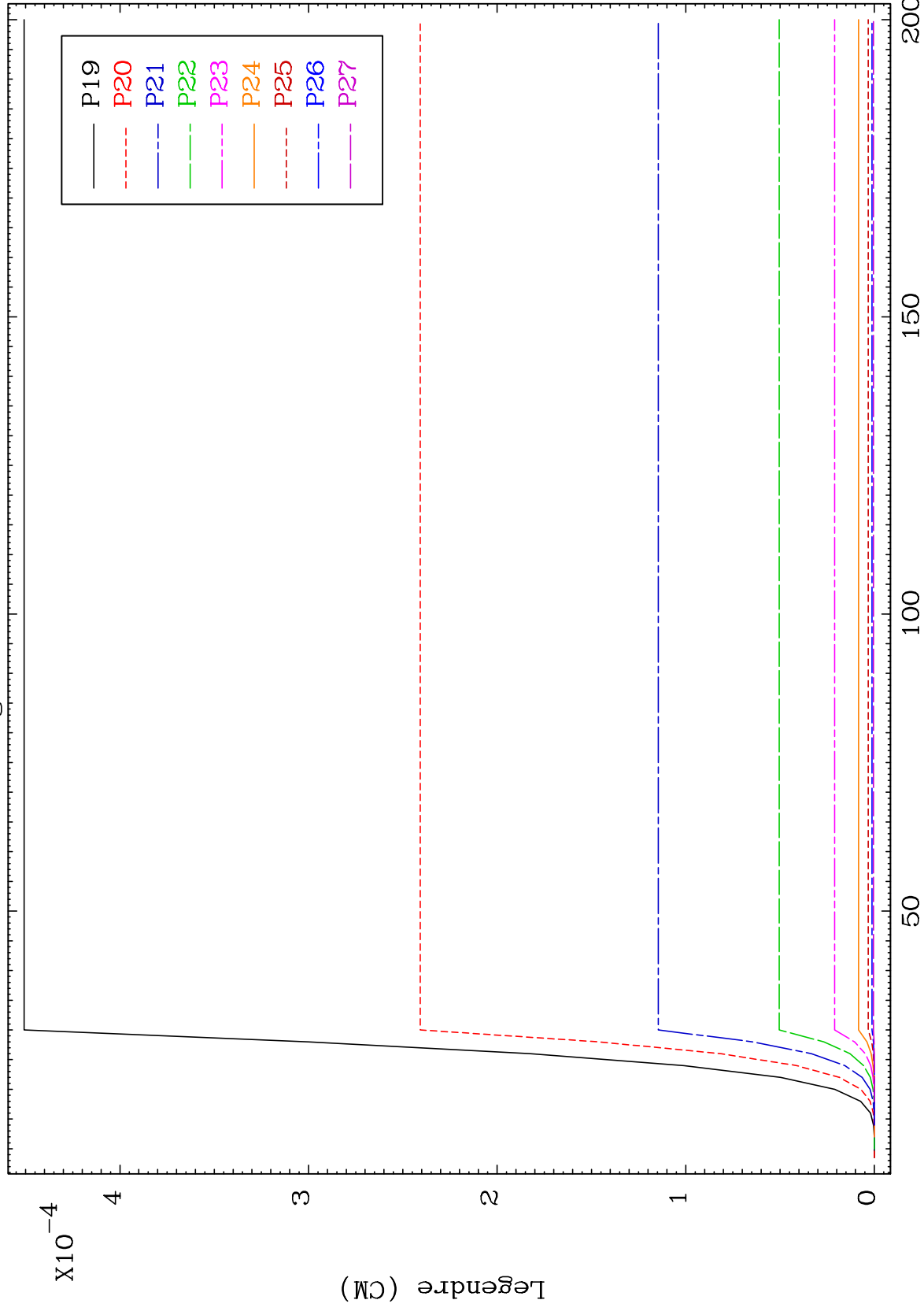
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



71

Incident Energy (MeV)

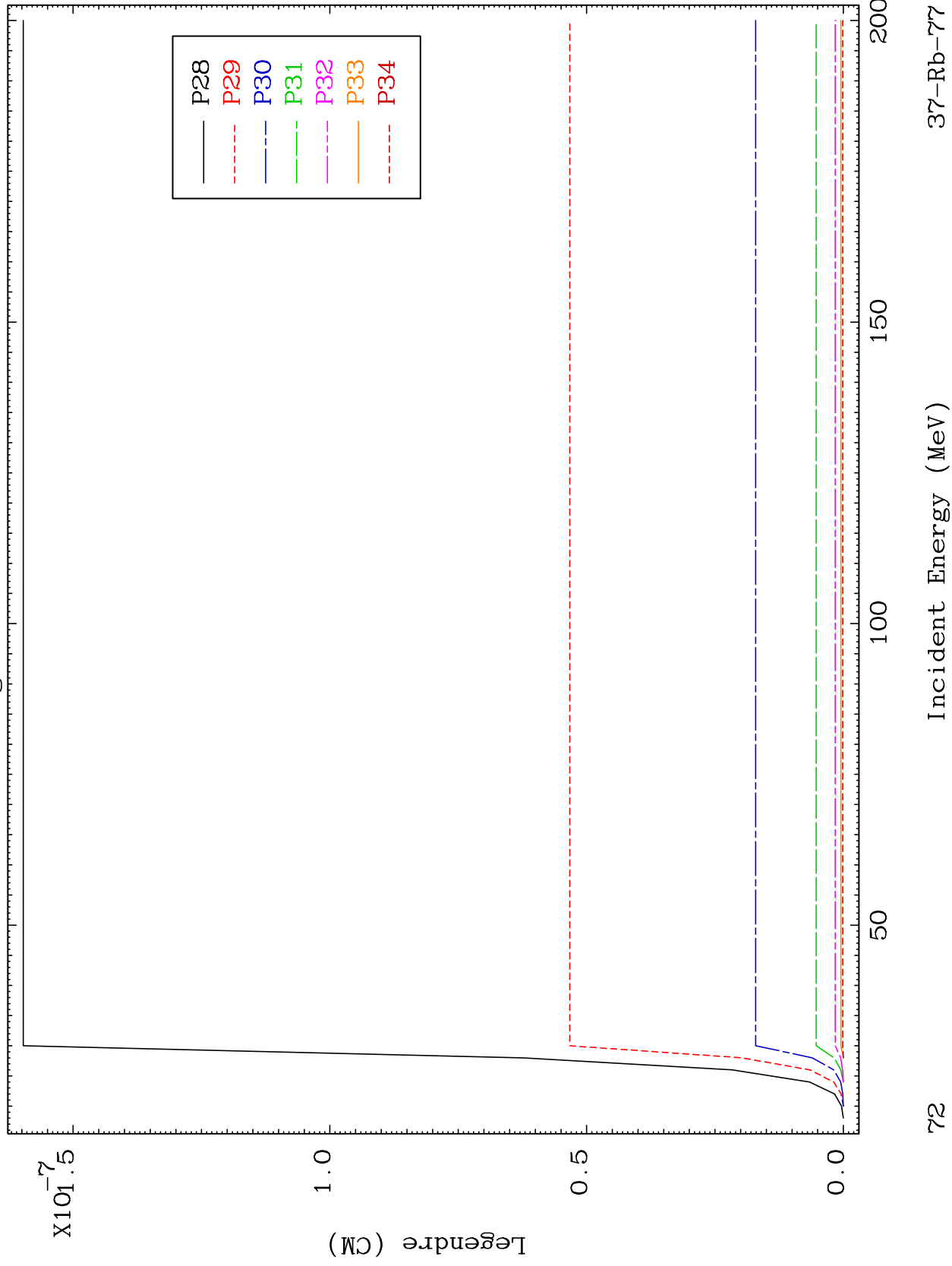
37-Rb-77



MAT 3701

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

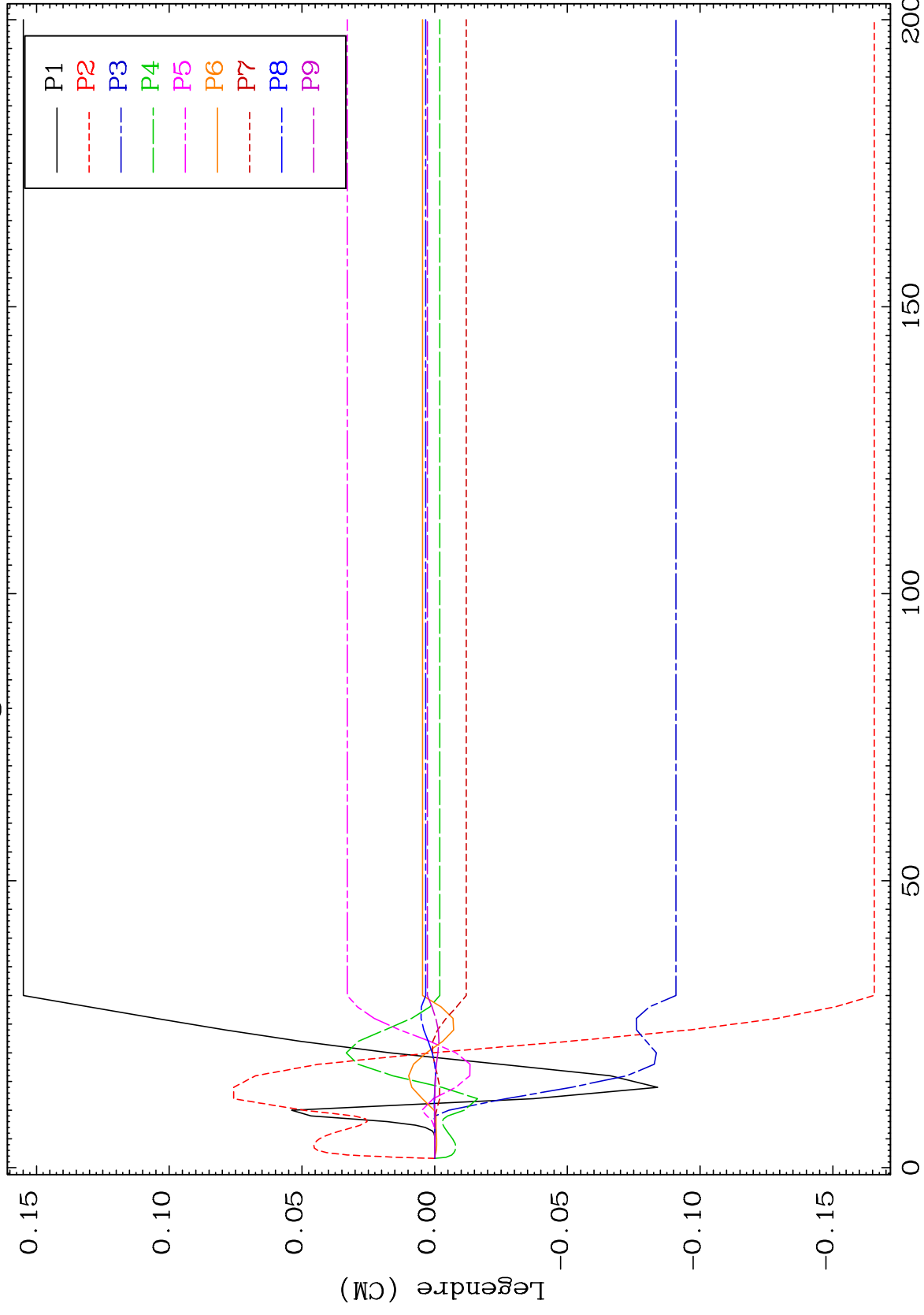
37-Rb-77



MAT 3701

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

37-Rb-77



73

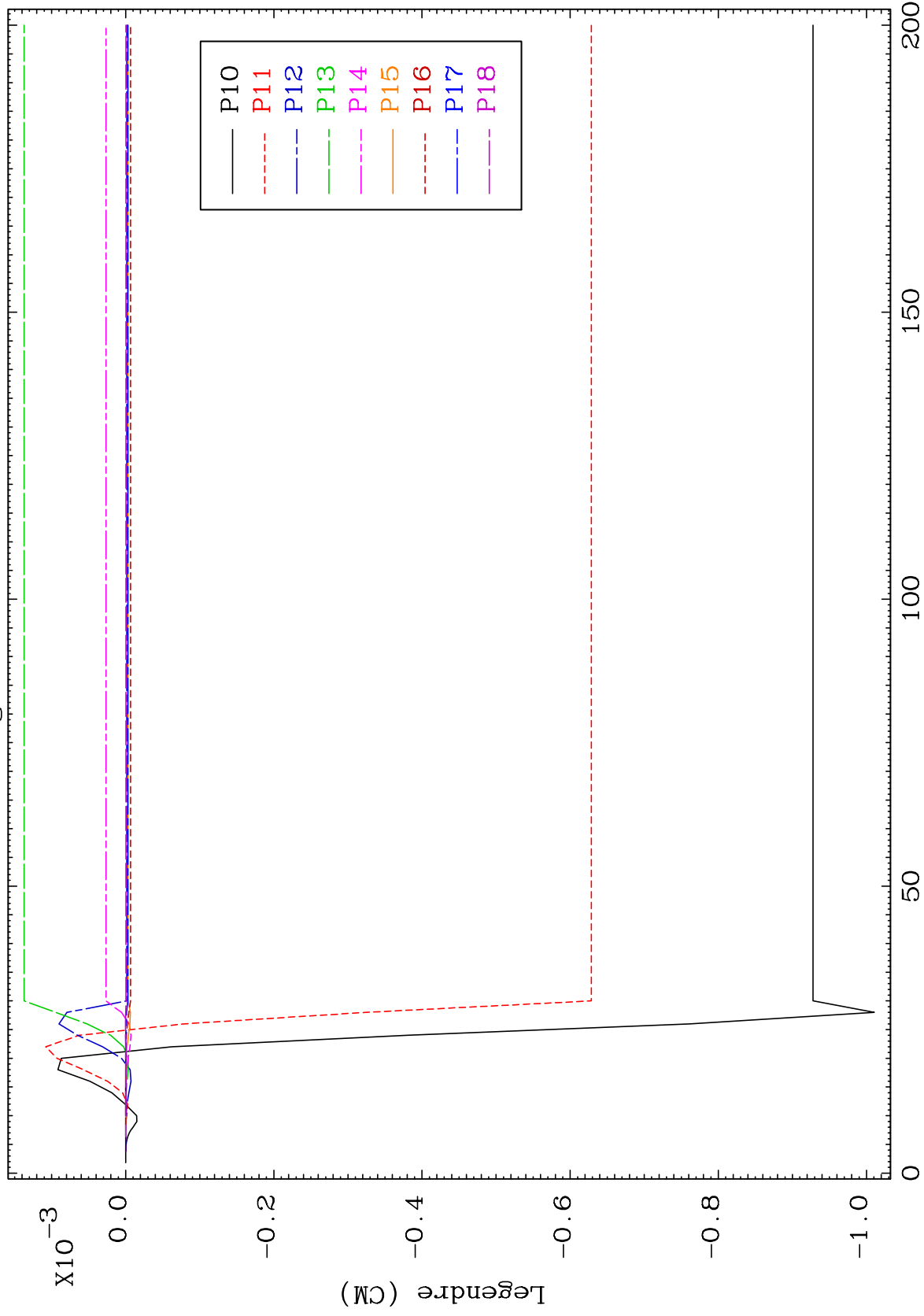
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



74

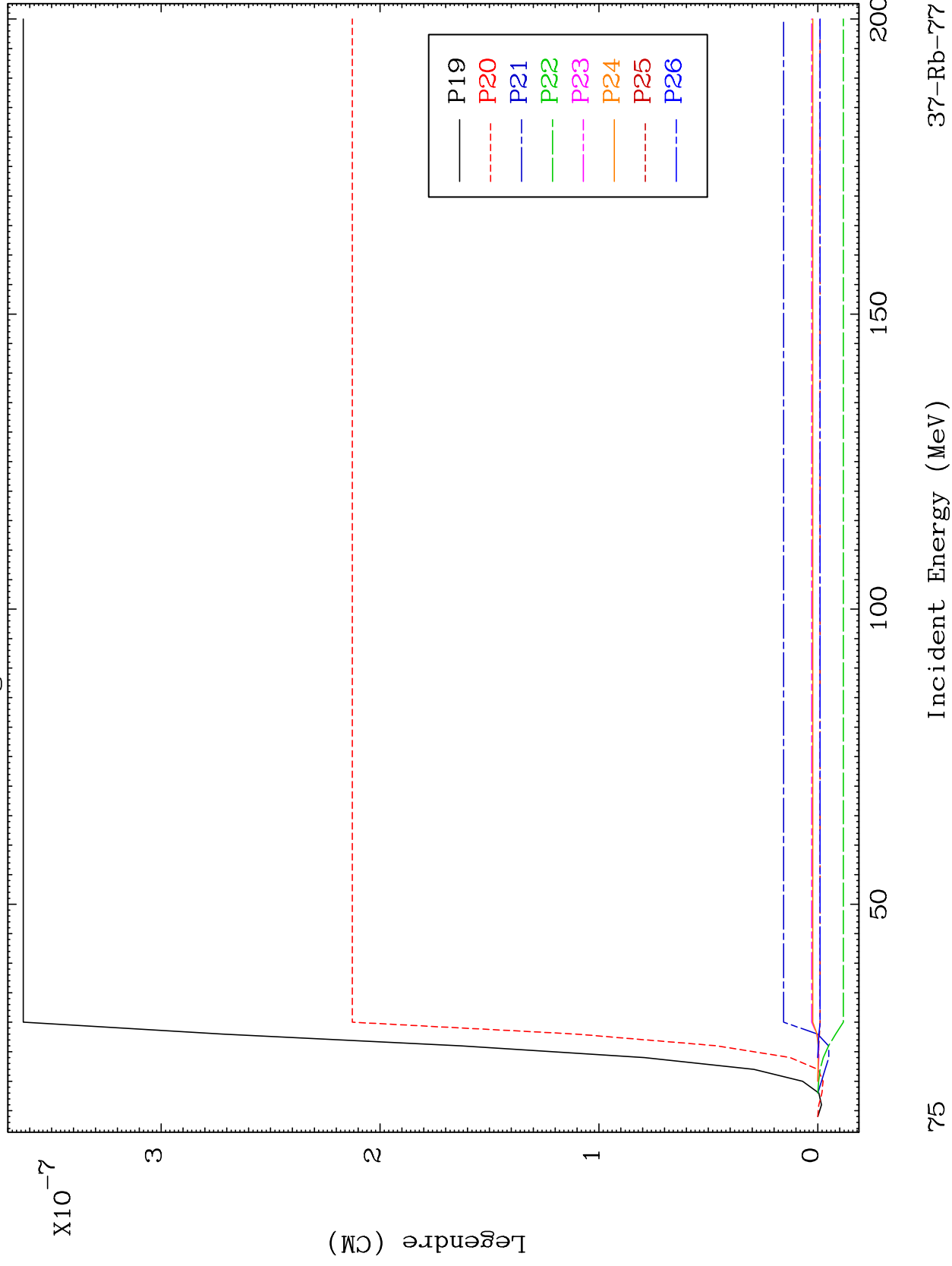
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



75

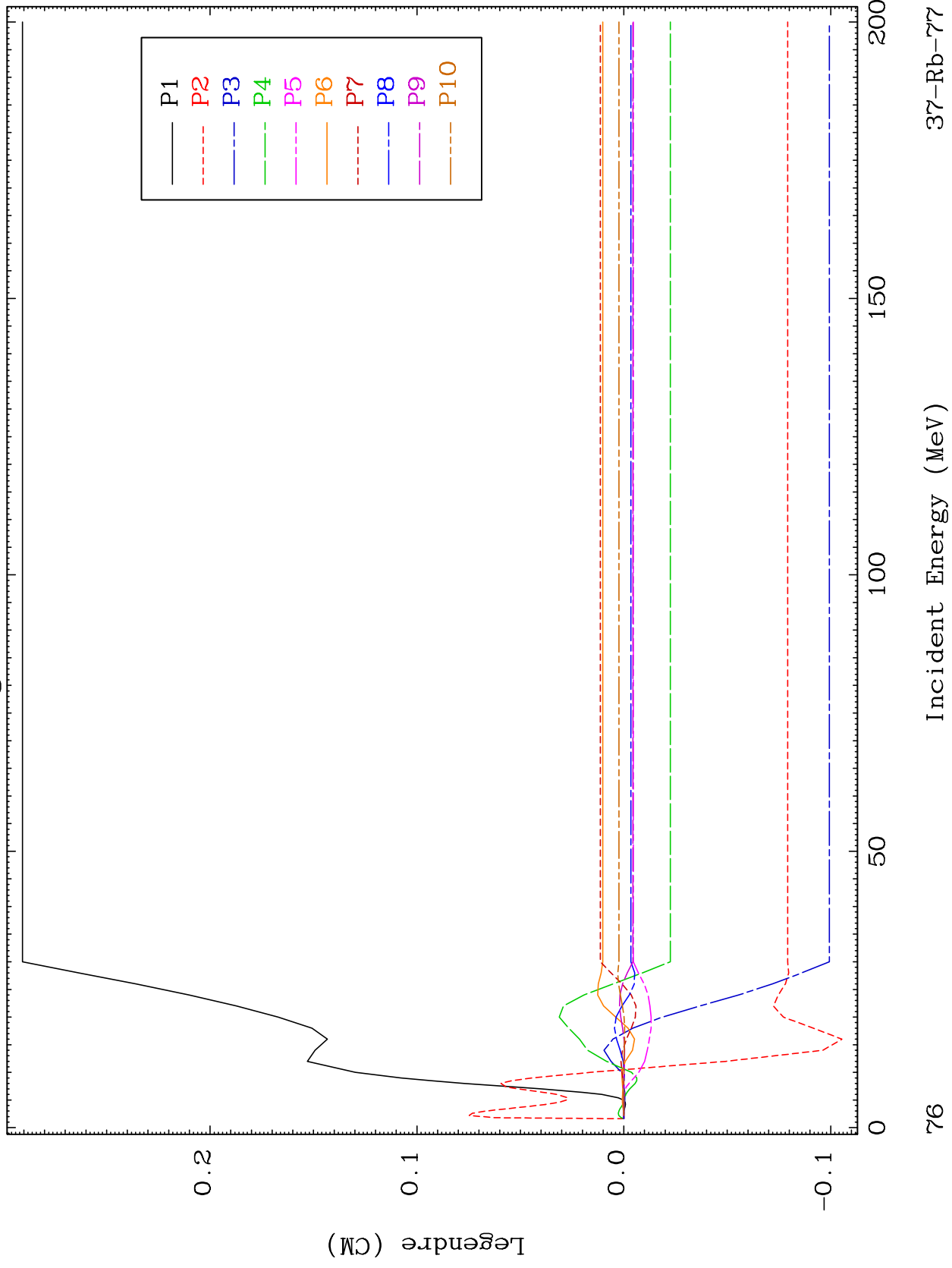
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

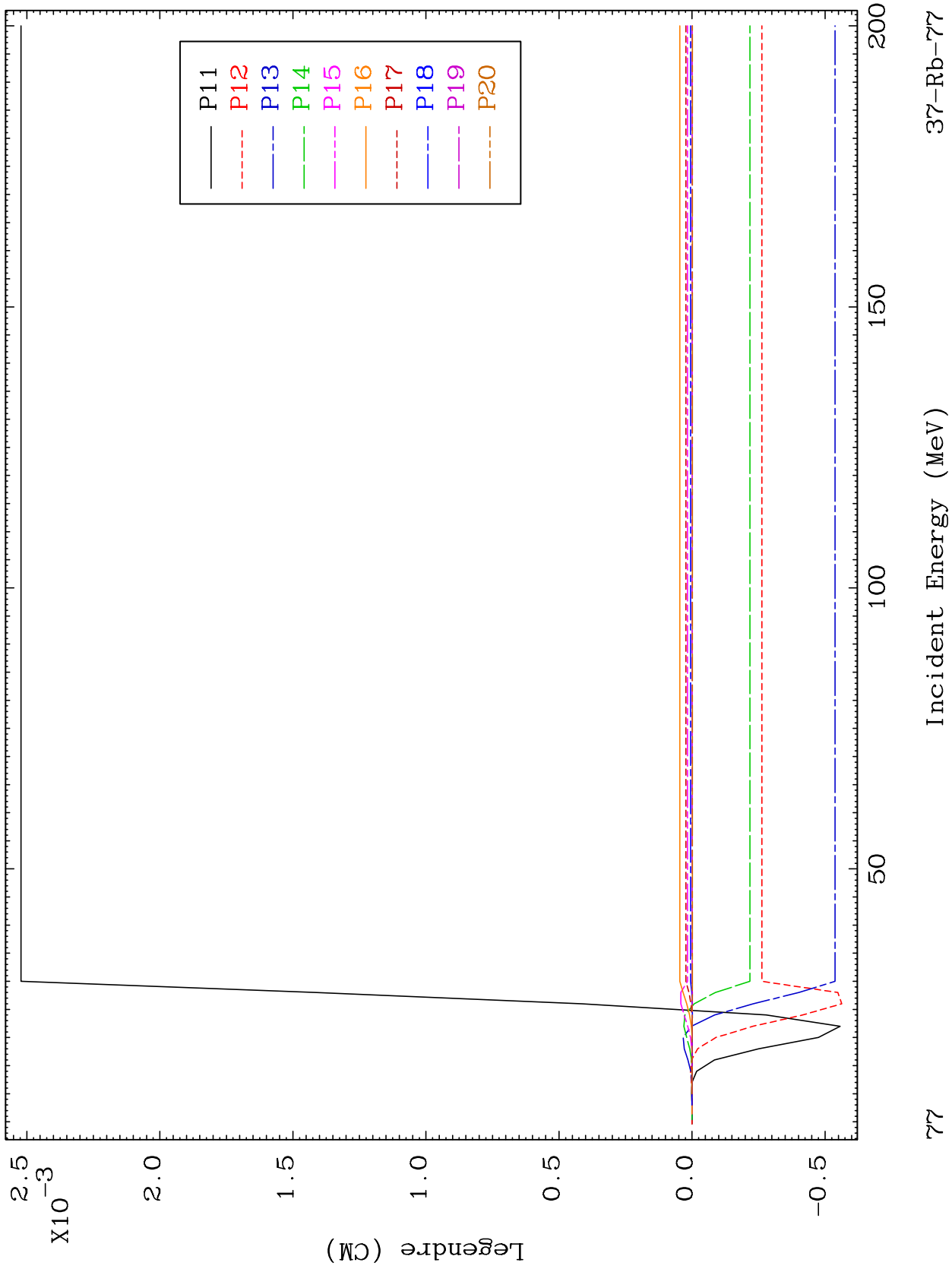
37-Rb-77



MAT 3701

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

37-Rb-77

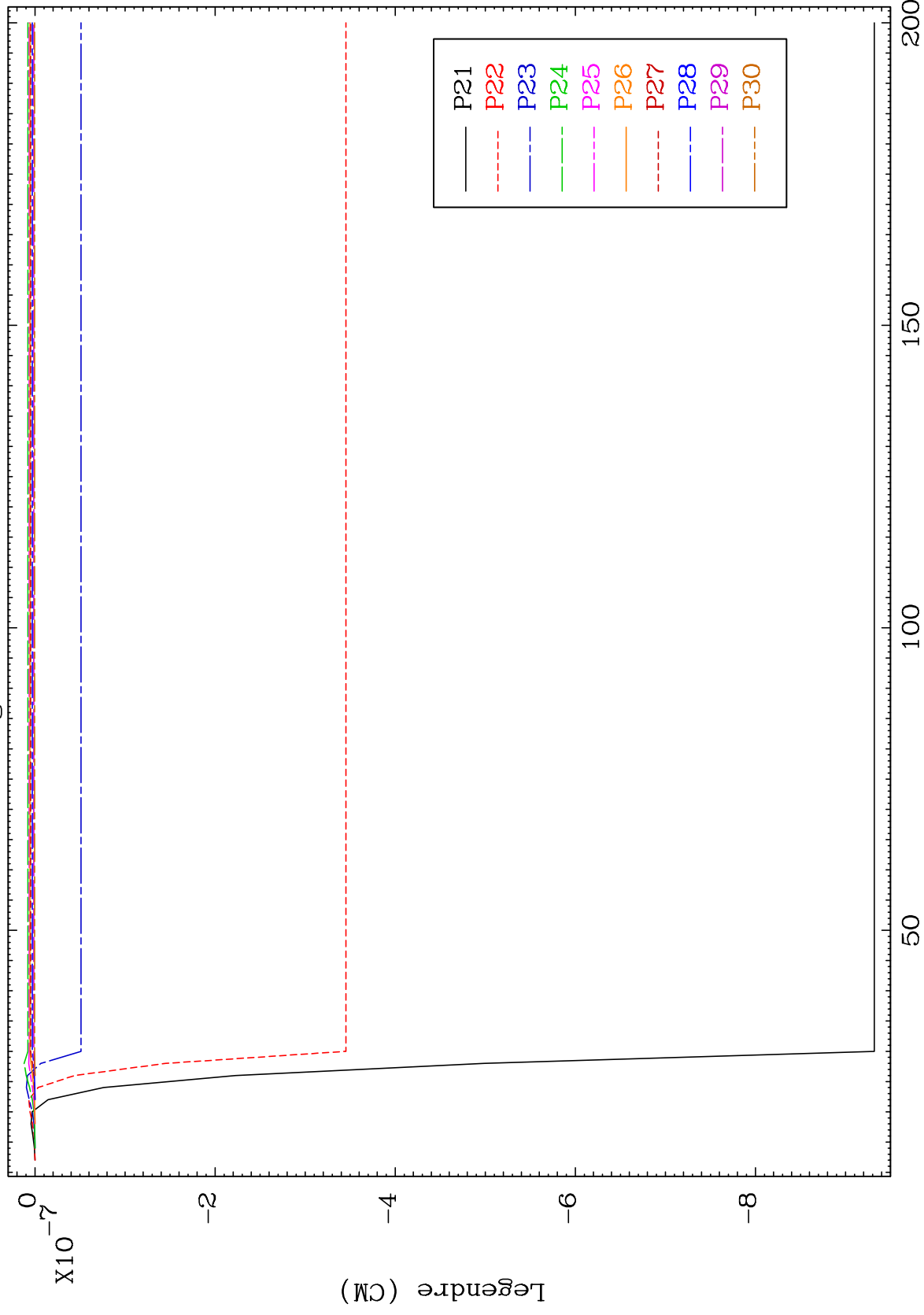


MAT 3701

MT= 66 (n,n') Level

37-Rb-77

Legendre Coefficients



78

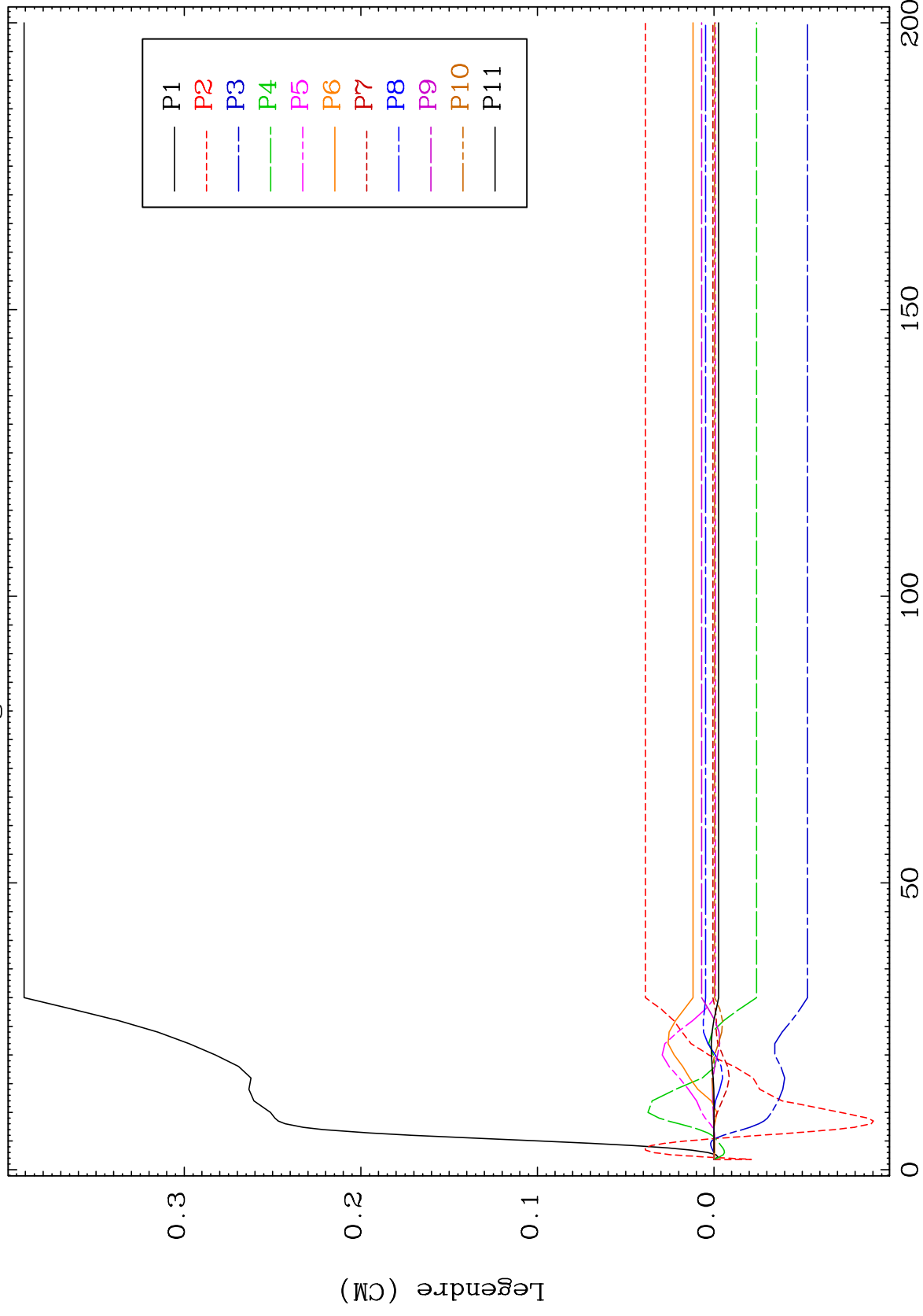
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



79

Incident Energy (MeV)

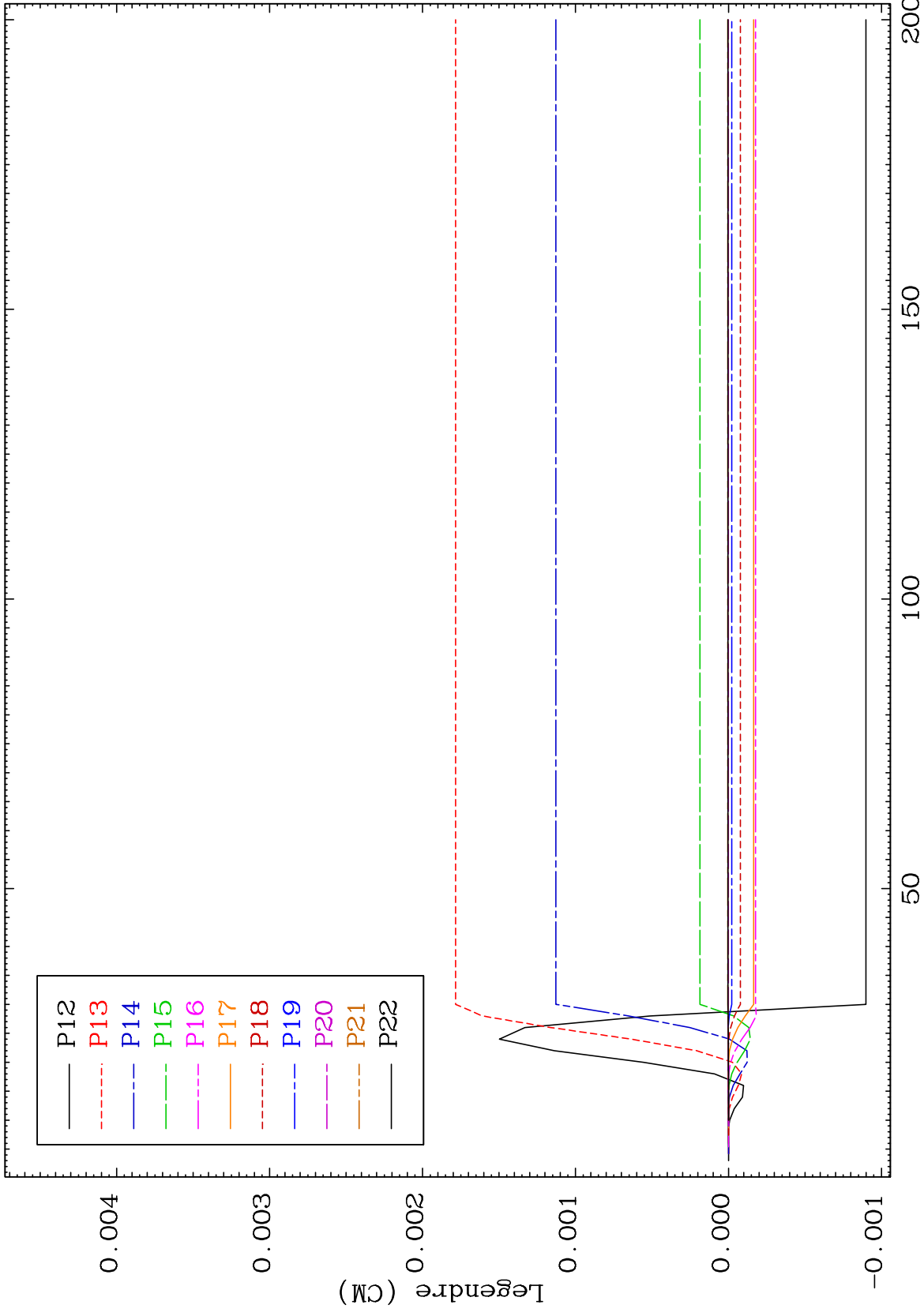
37-Rb-77



MAT 3701

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

37-Rb-77



80

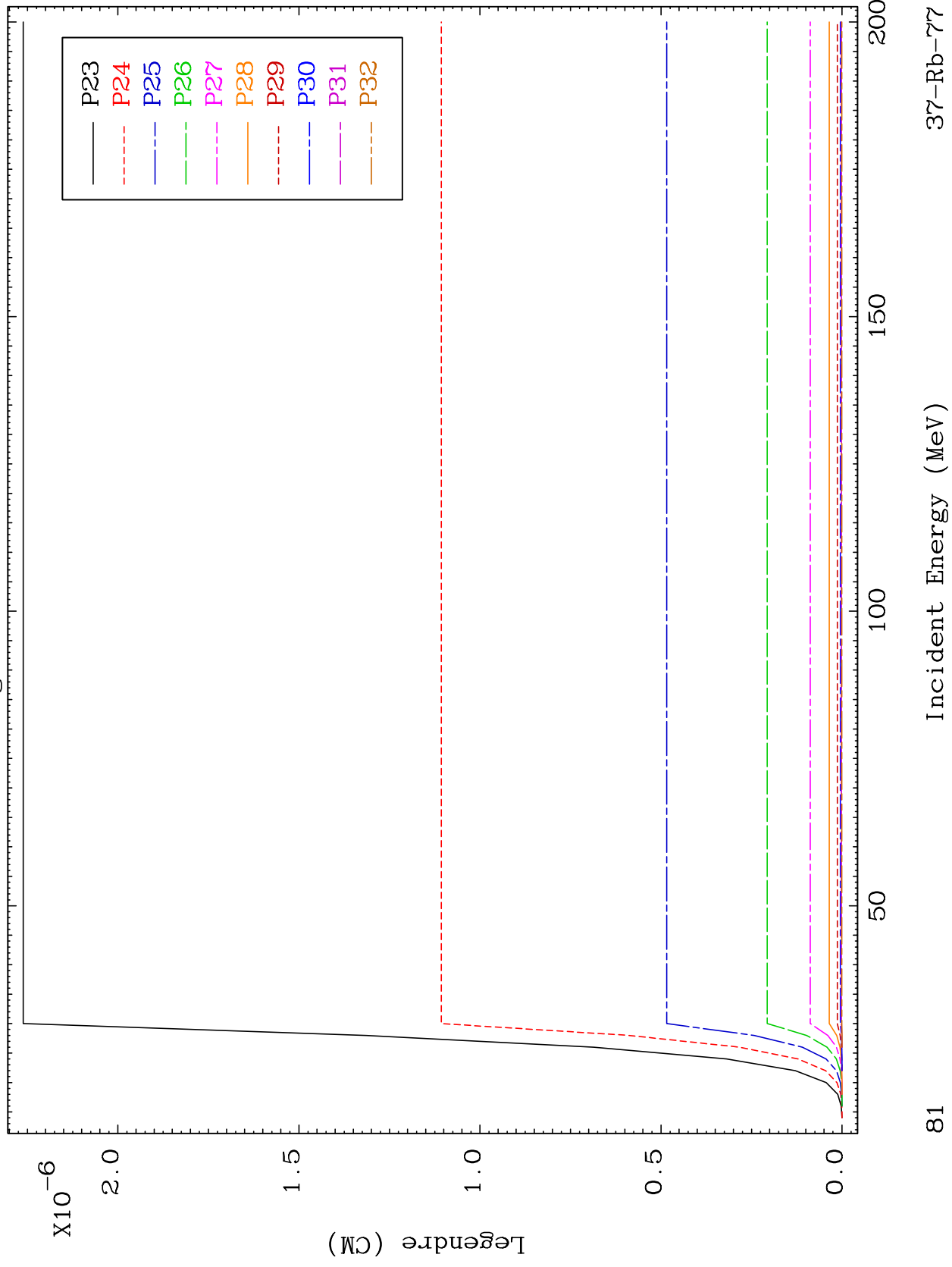
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77

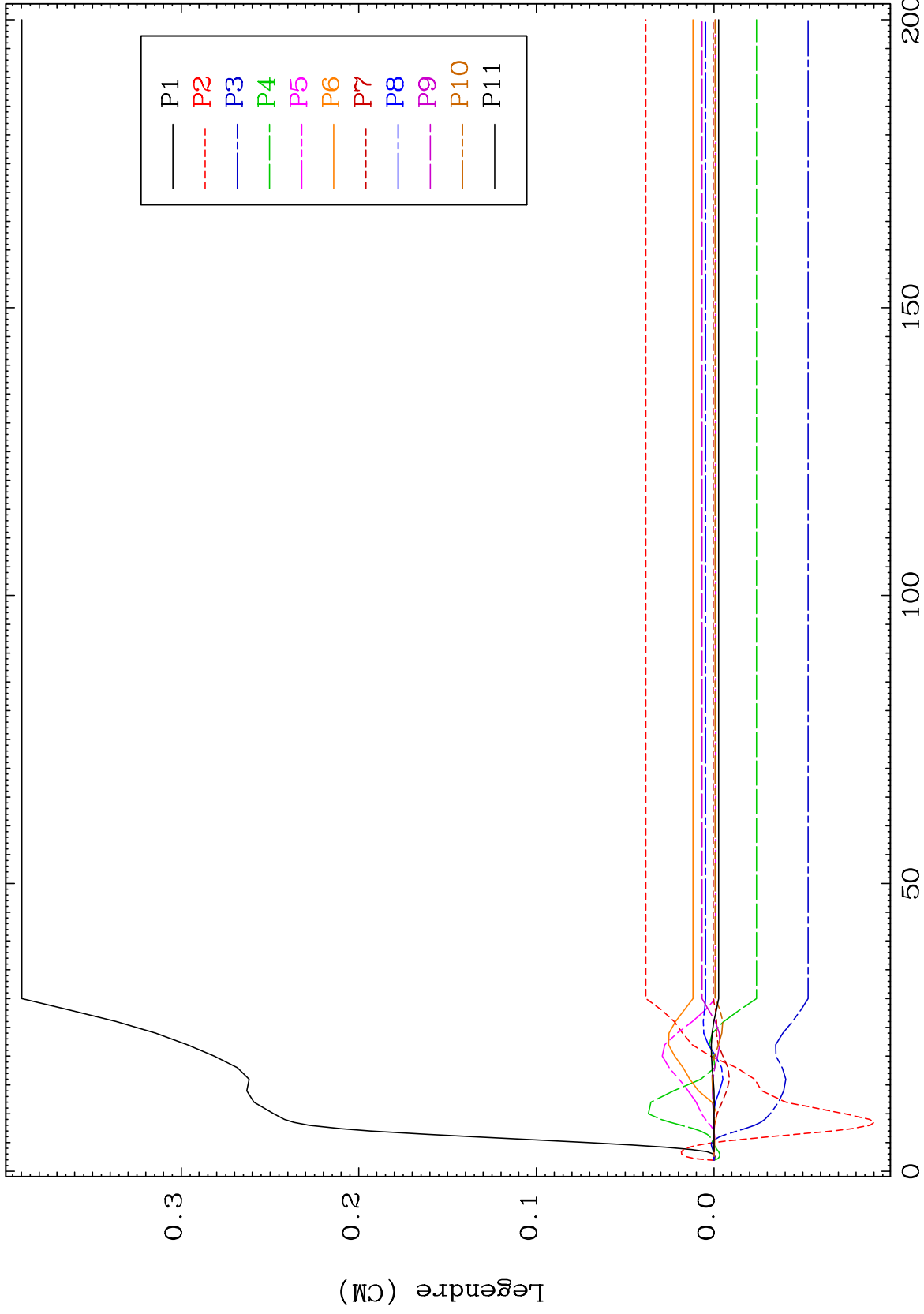


81

MAT 3701

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

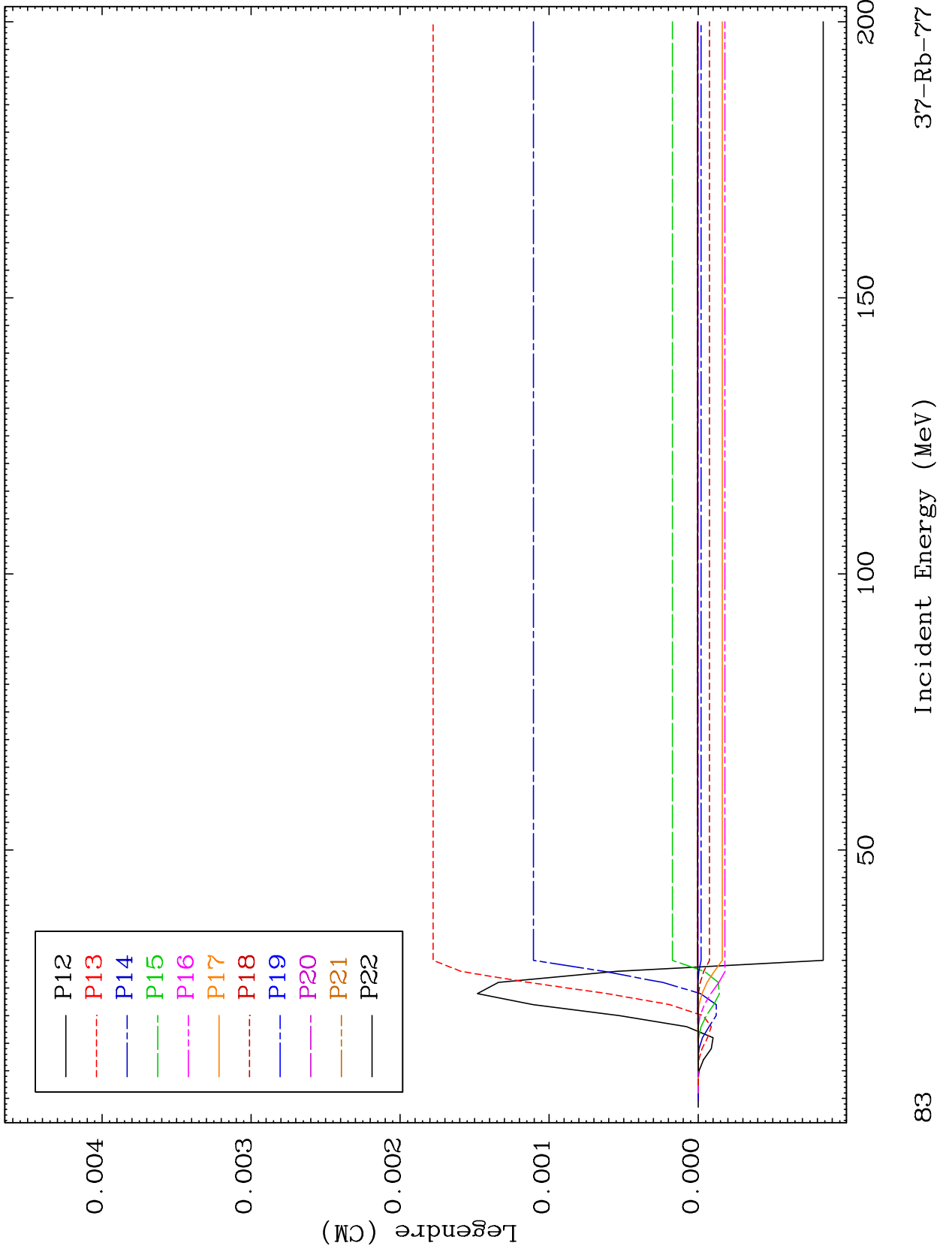
37-Rb-77



82

Incident Energy (MeV)

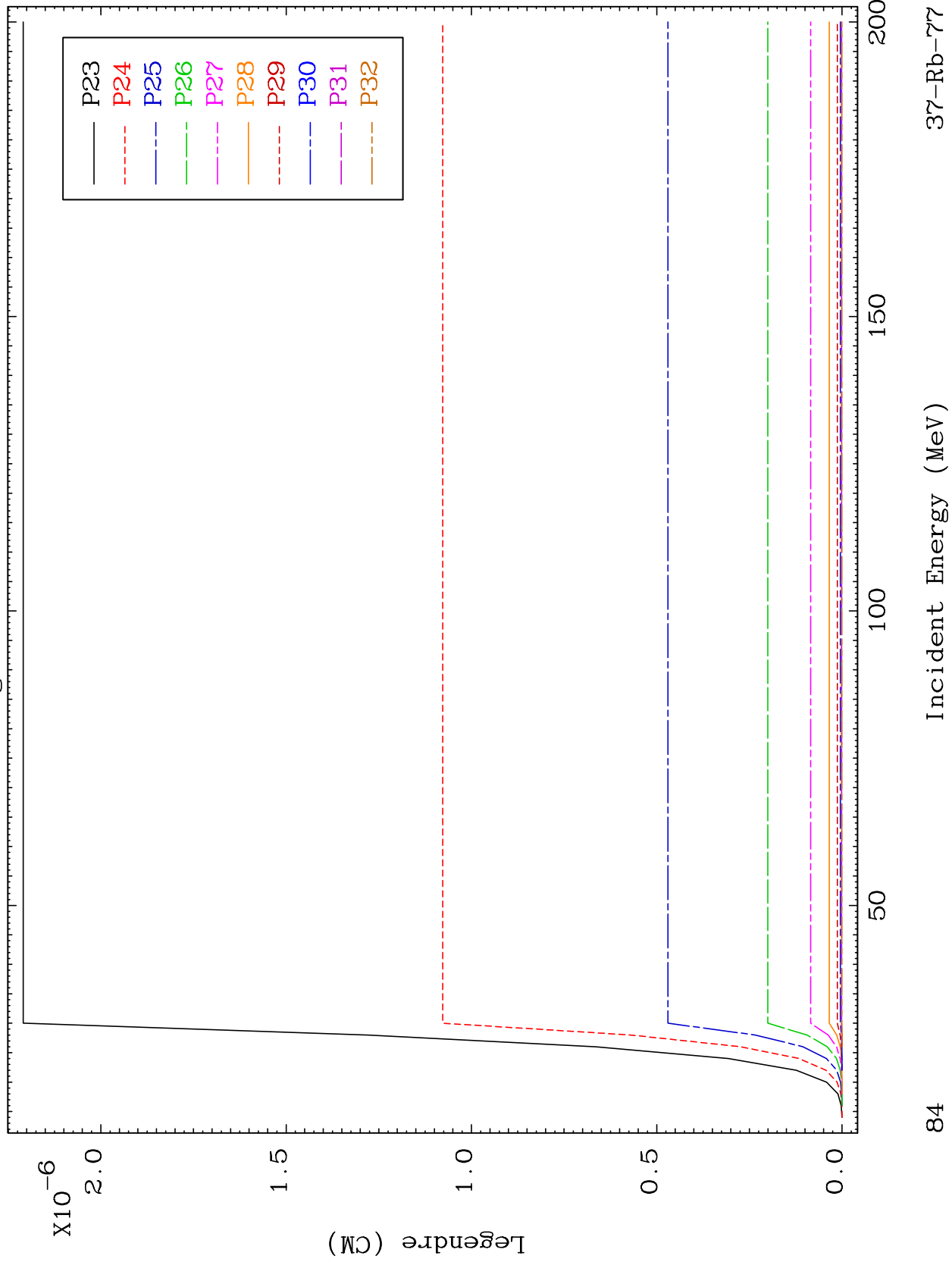
37-Rb-77



MAT 3701

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

37-Rb-77



84

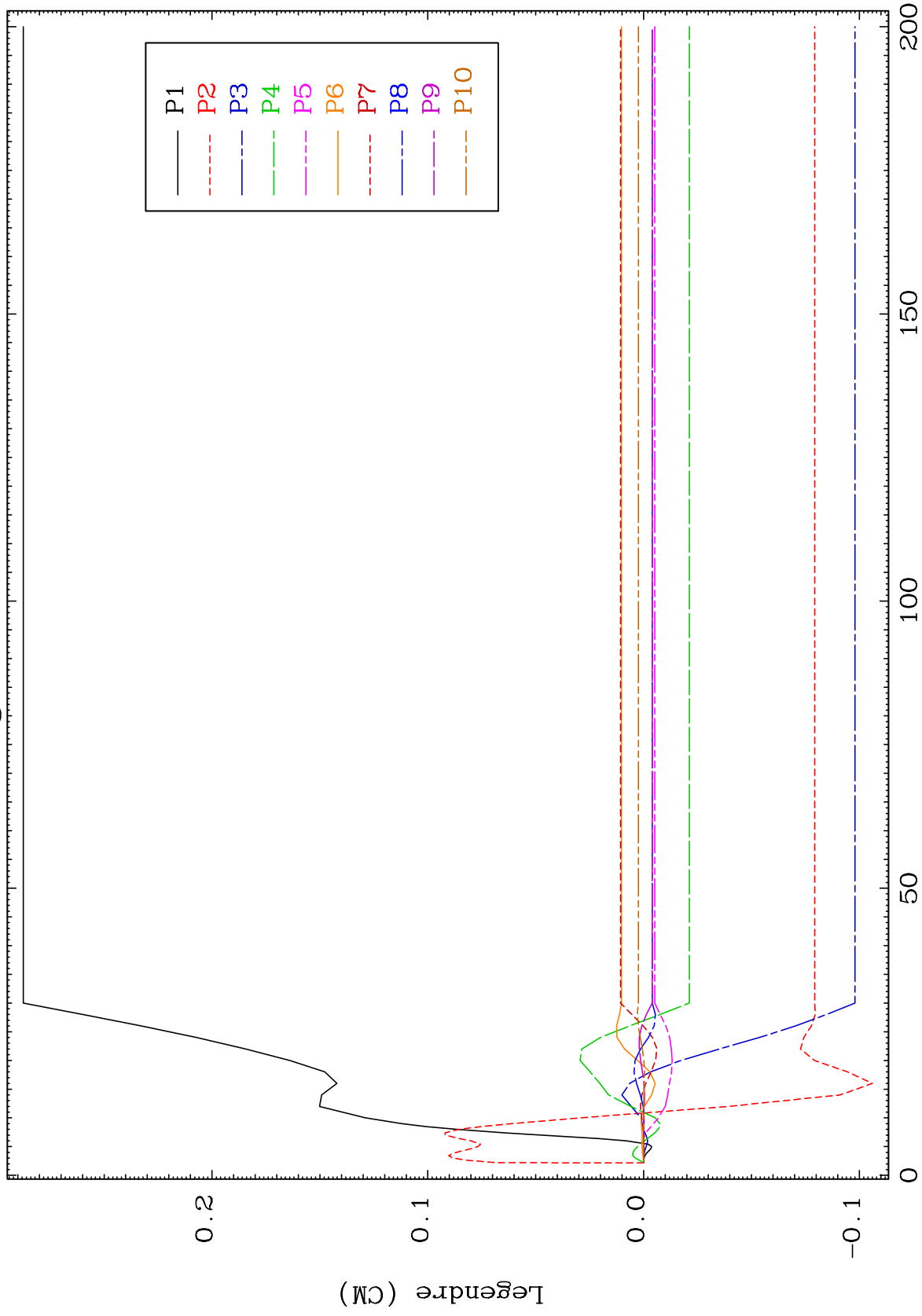
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

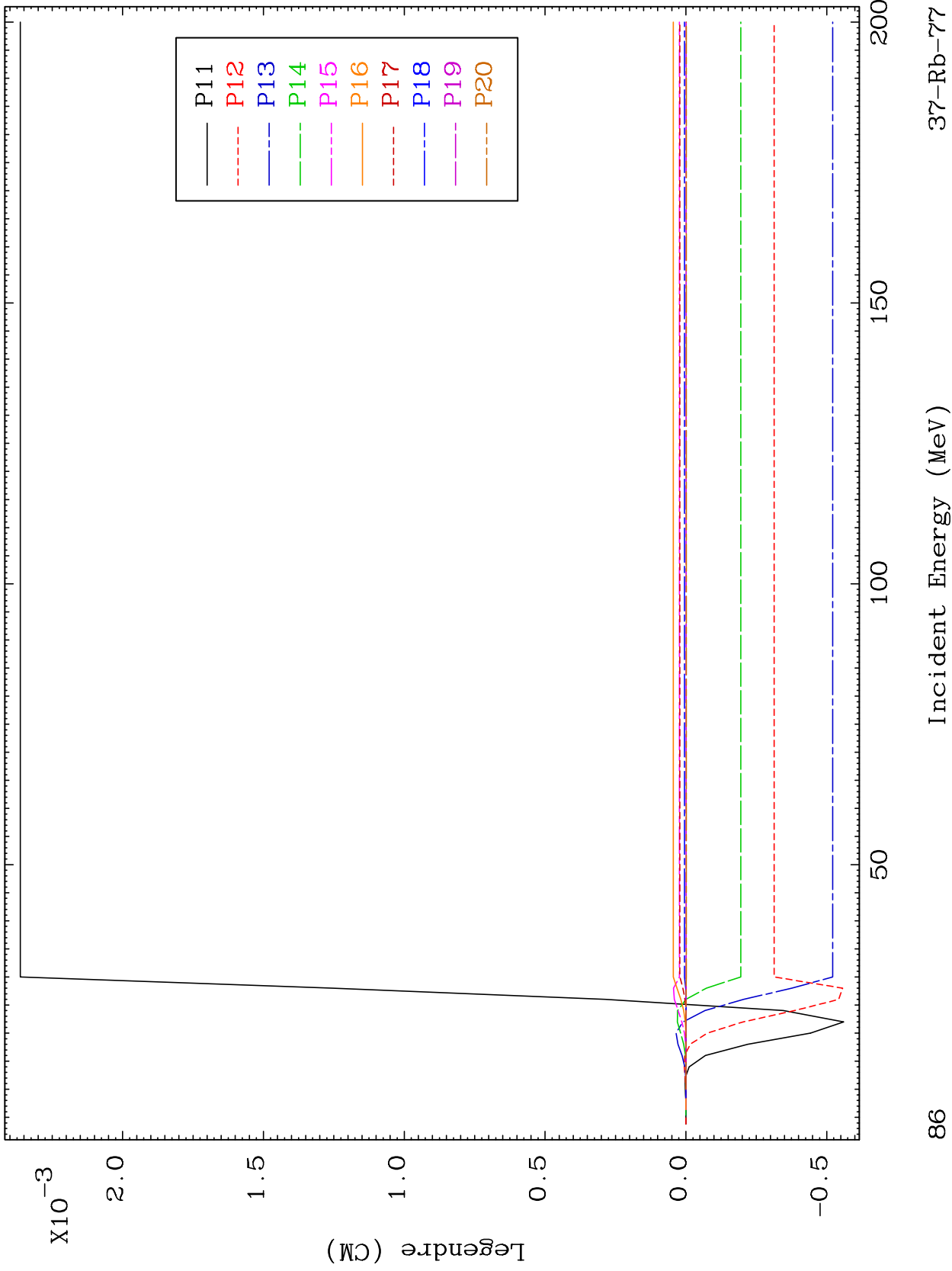
37-Rb-77



85

Incident Energy (MeV)

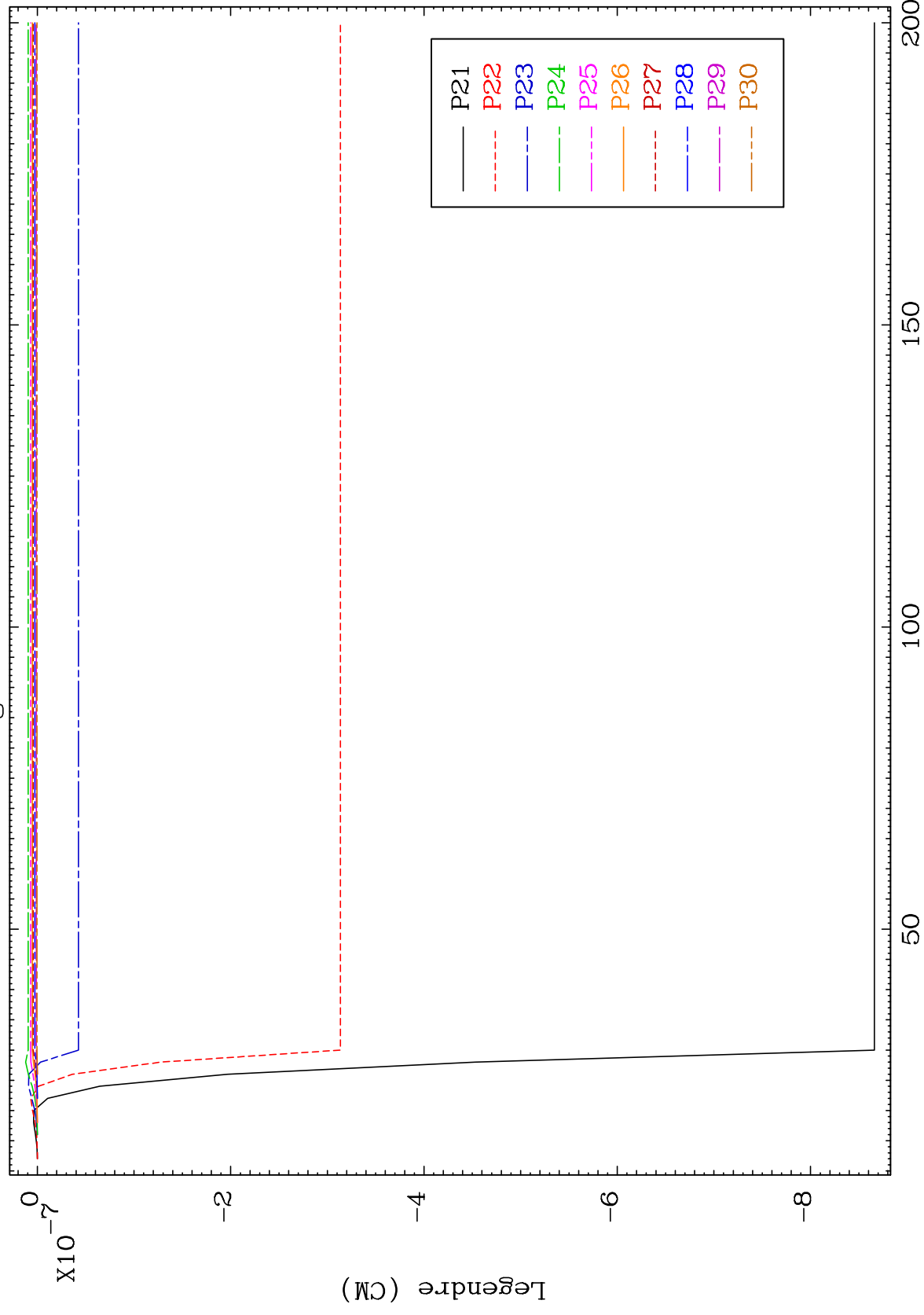
37-Rb-77



MAT 3701

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

37-Rb-77



37-Rb-77

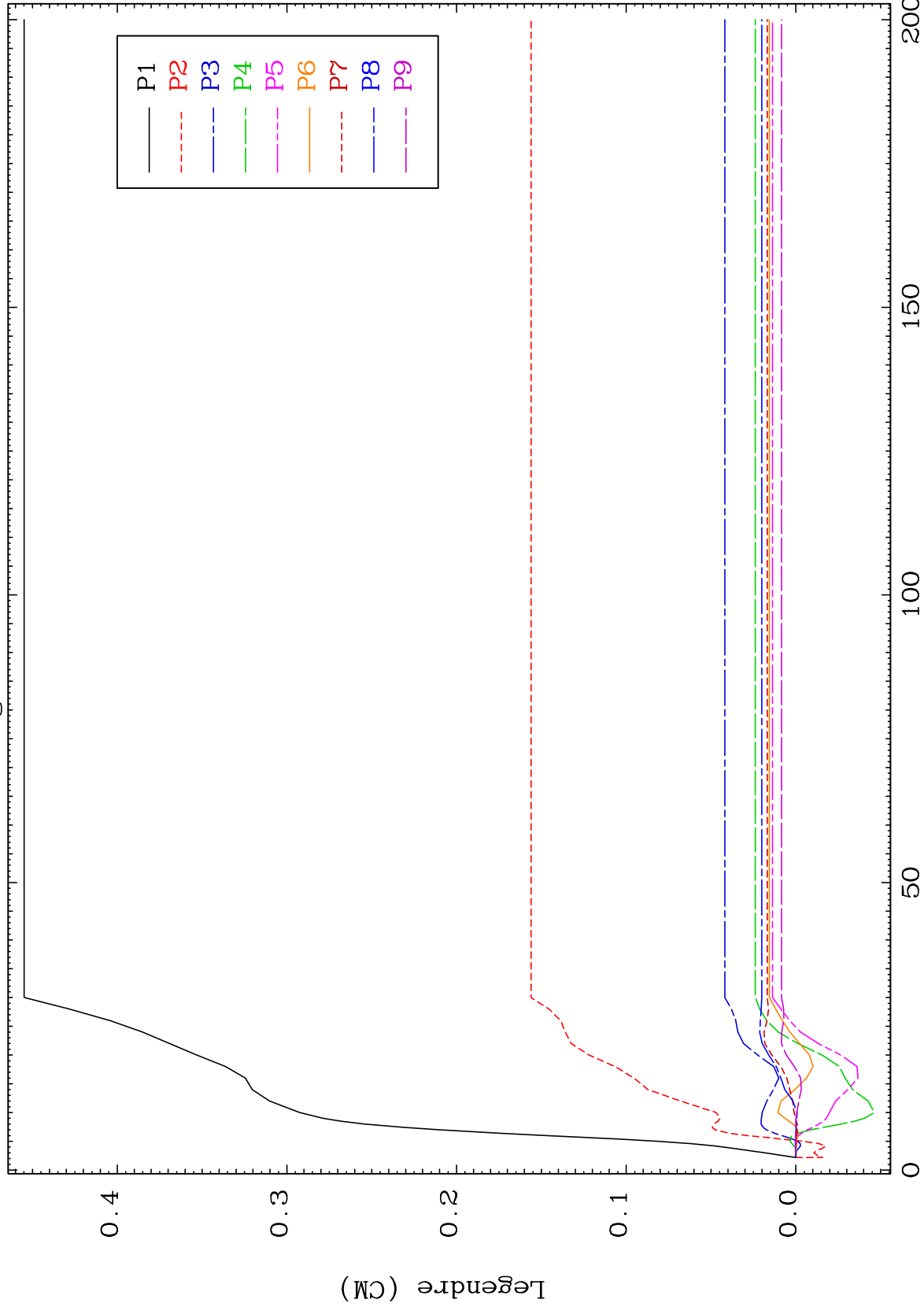
87



MAT 3701

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

37-Rb-77



88

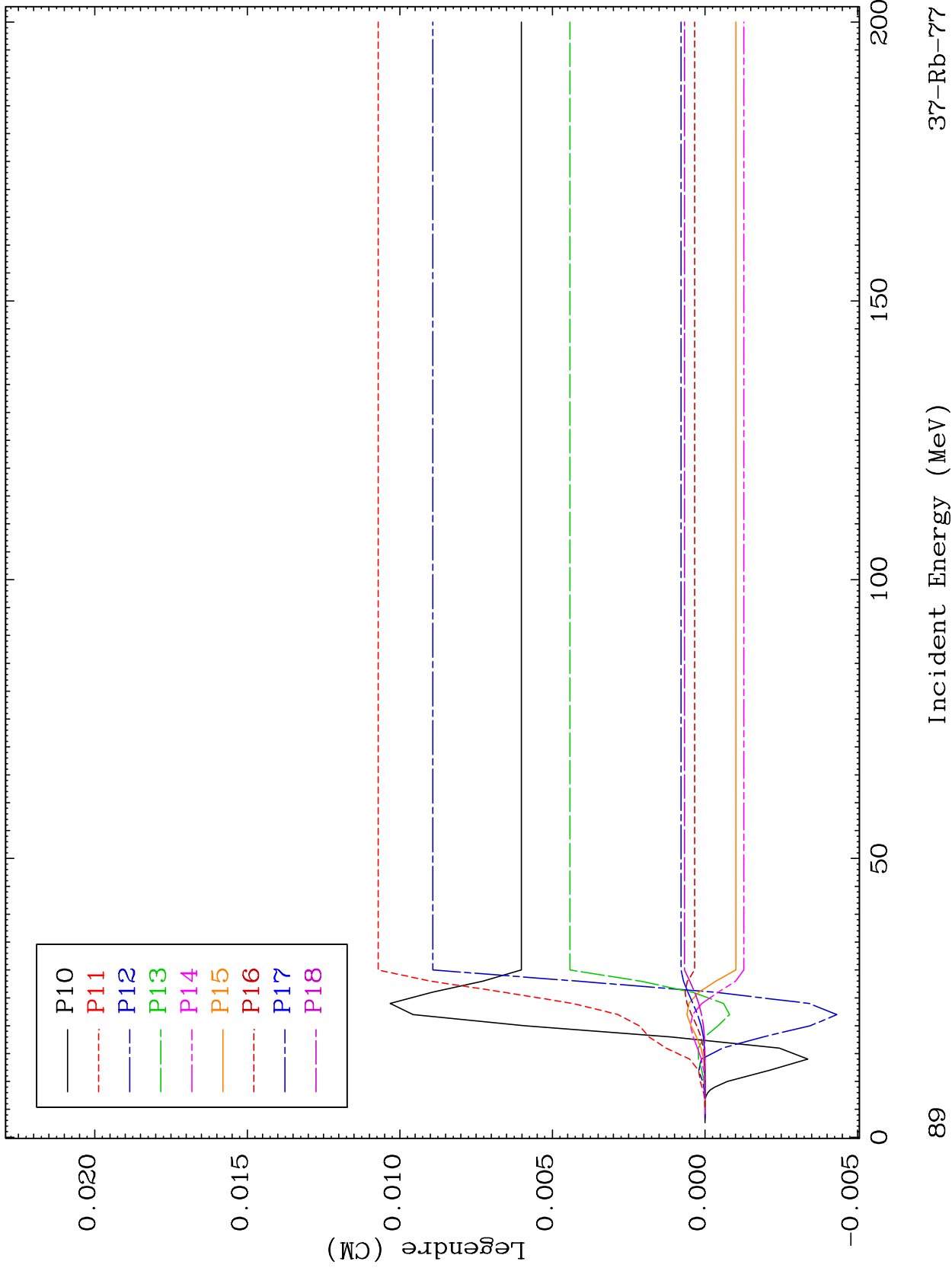
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



89

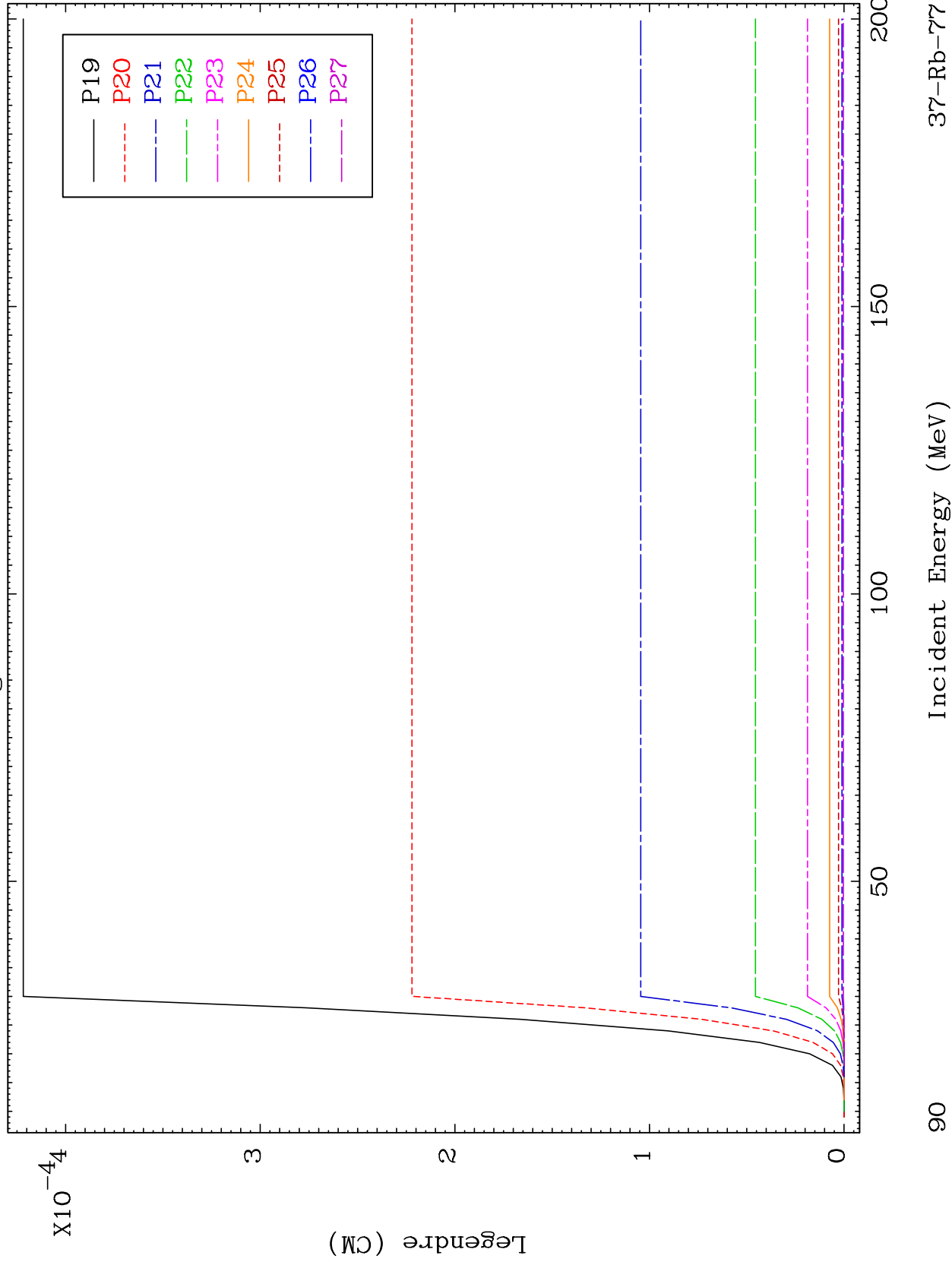
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

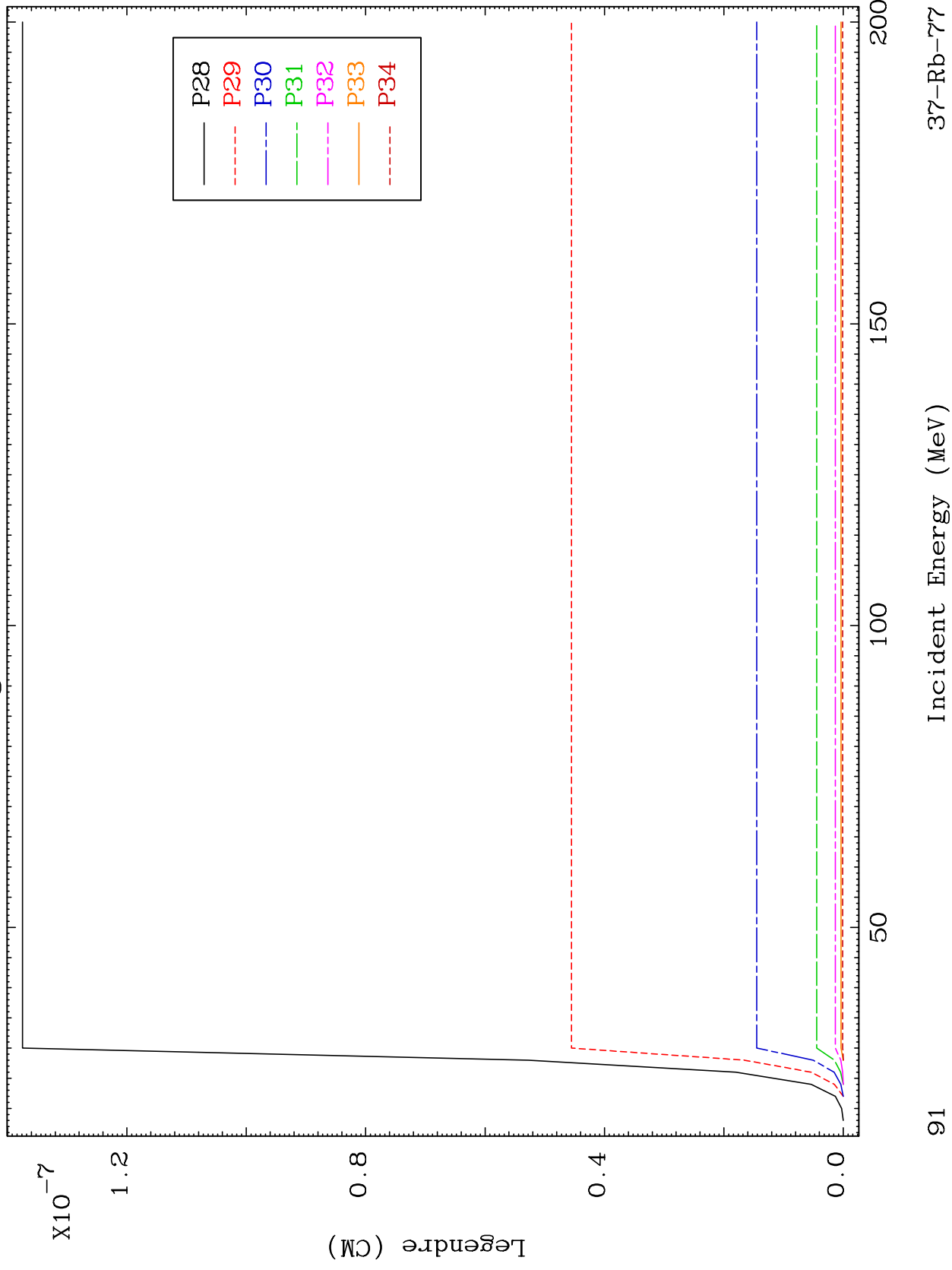
37-Rb-77



MAT 3701

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

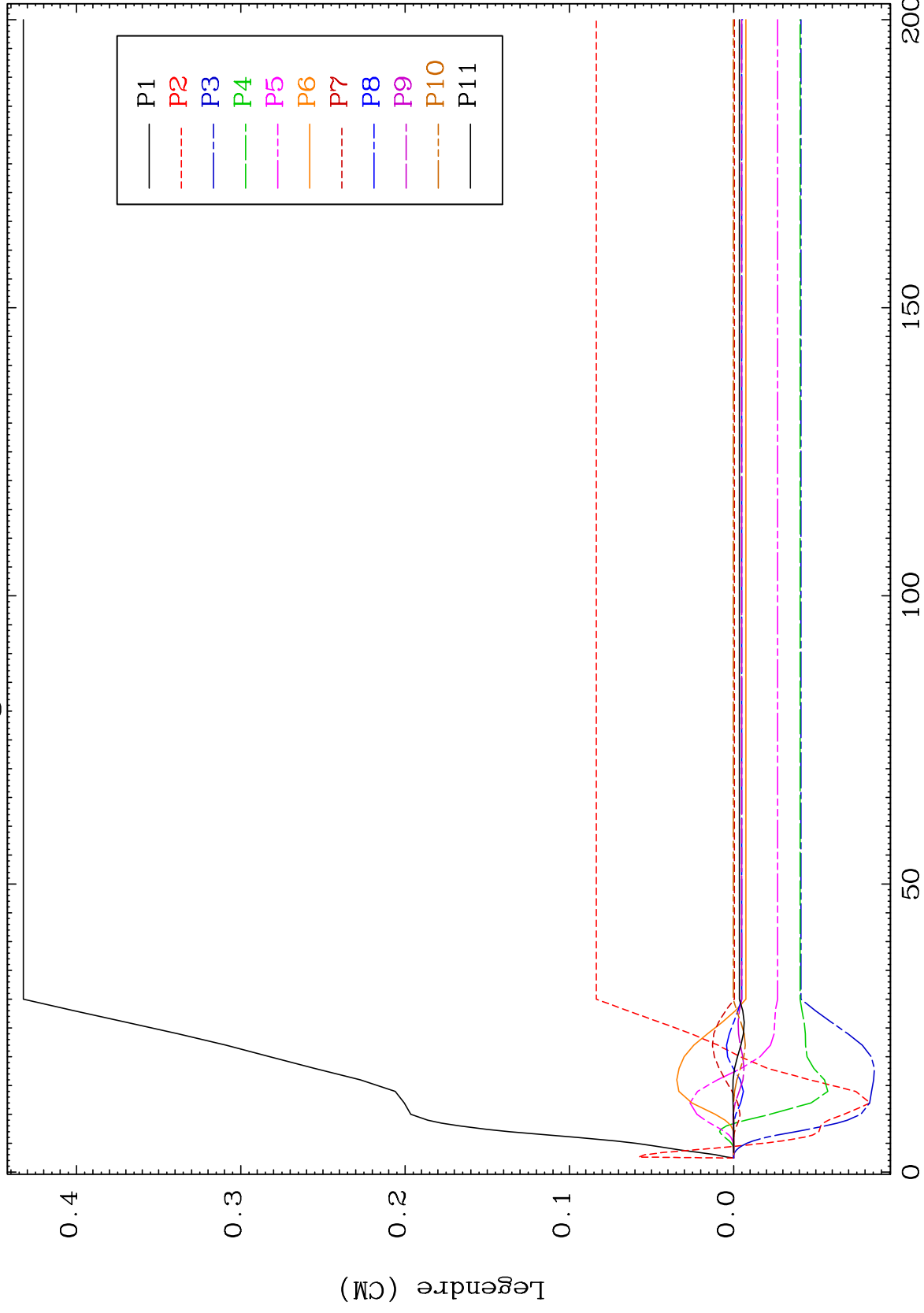
37-Rb-77



MAT 3701

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

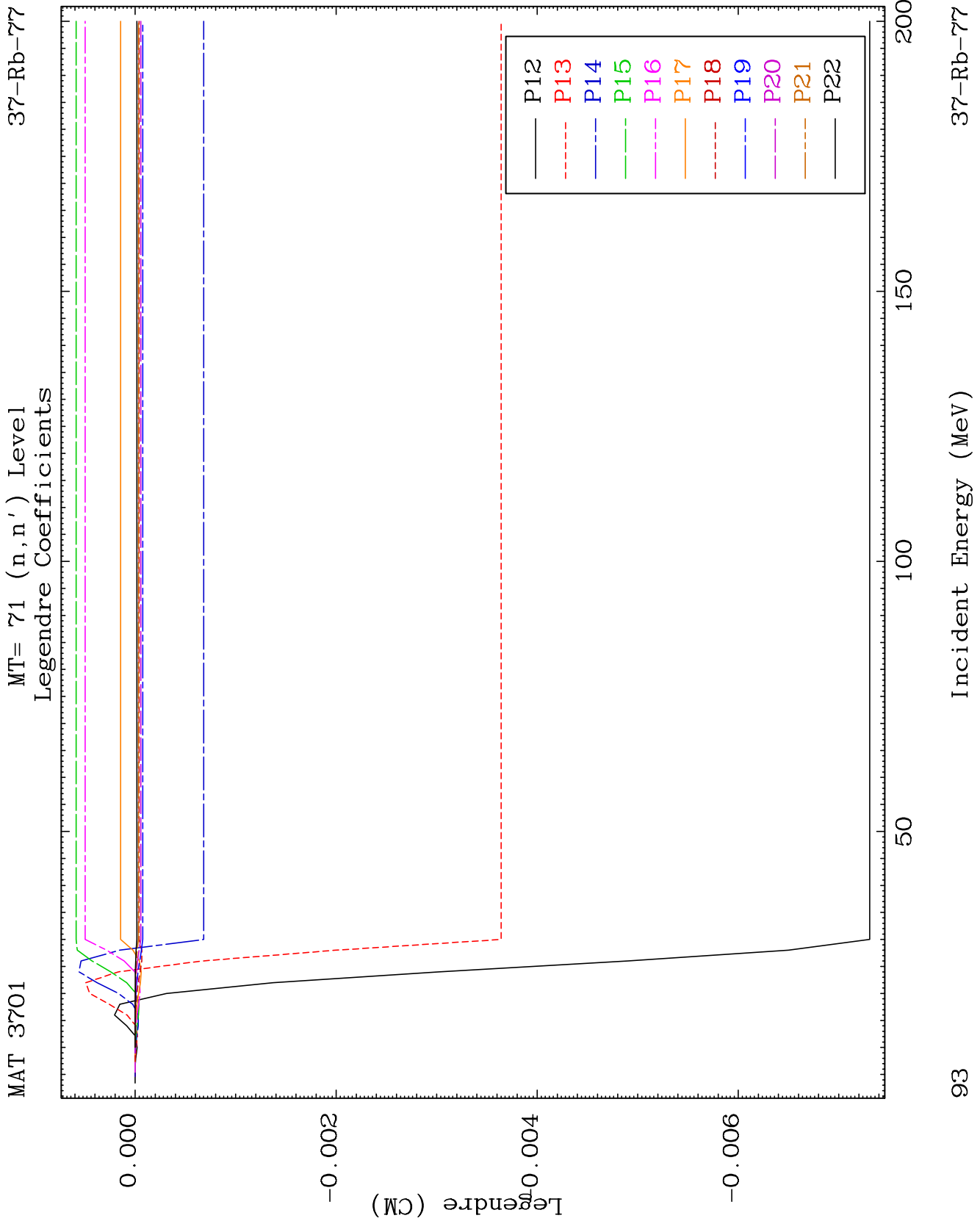
37-Rb-77

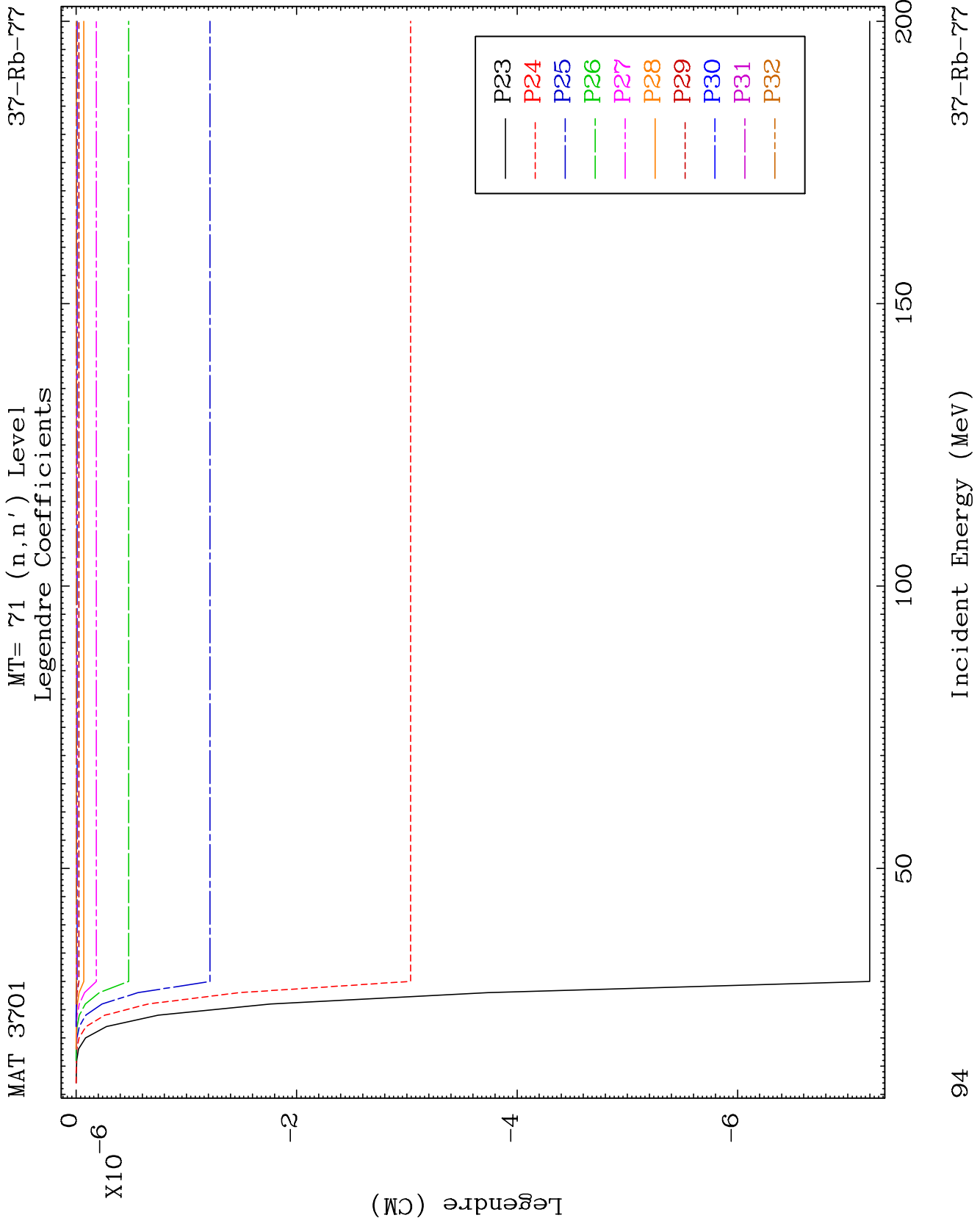


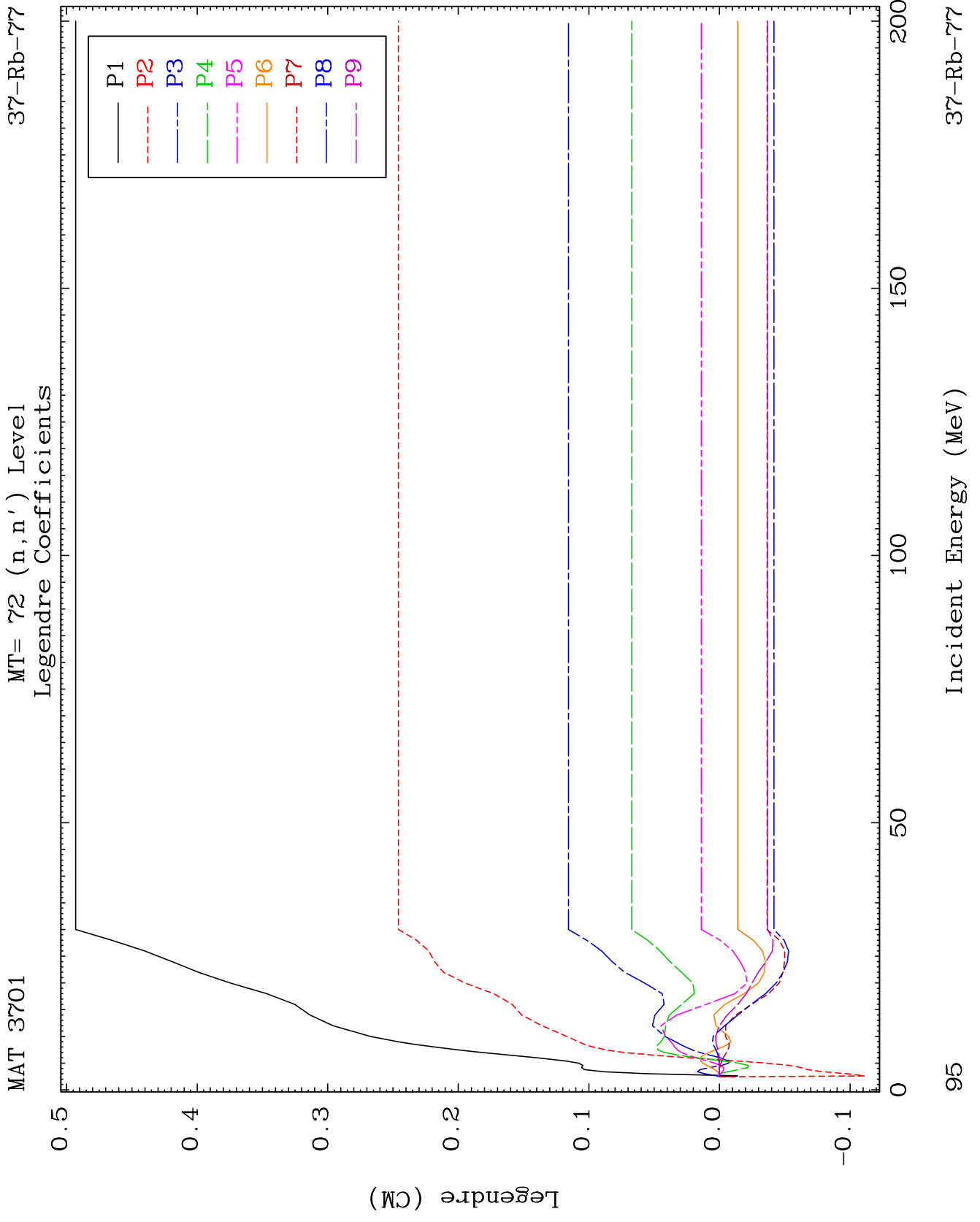
92

Incident Energy (MeV)

37-Rb-77





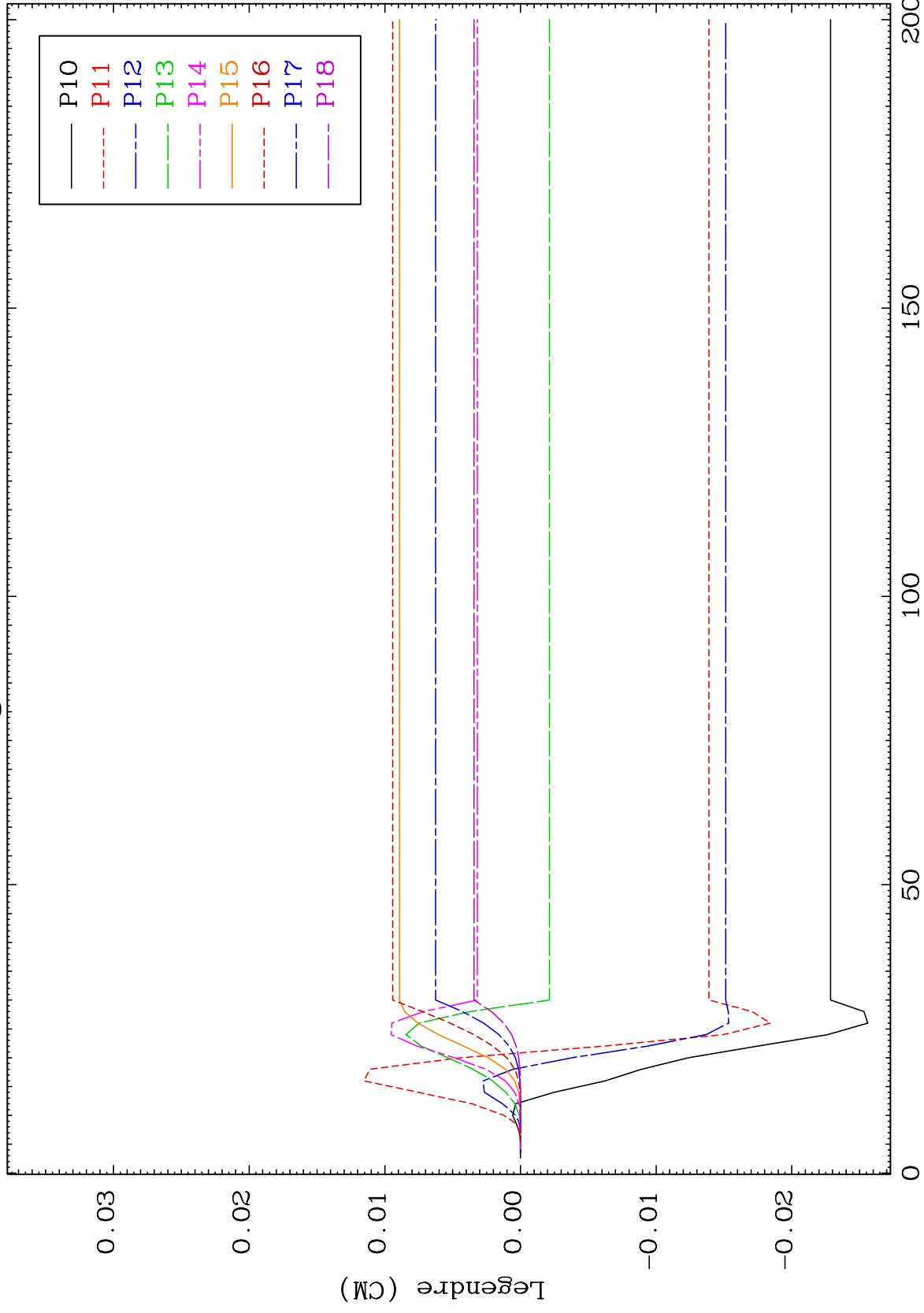




MAT 3701

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

37-Rb-77



96

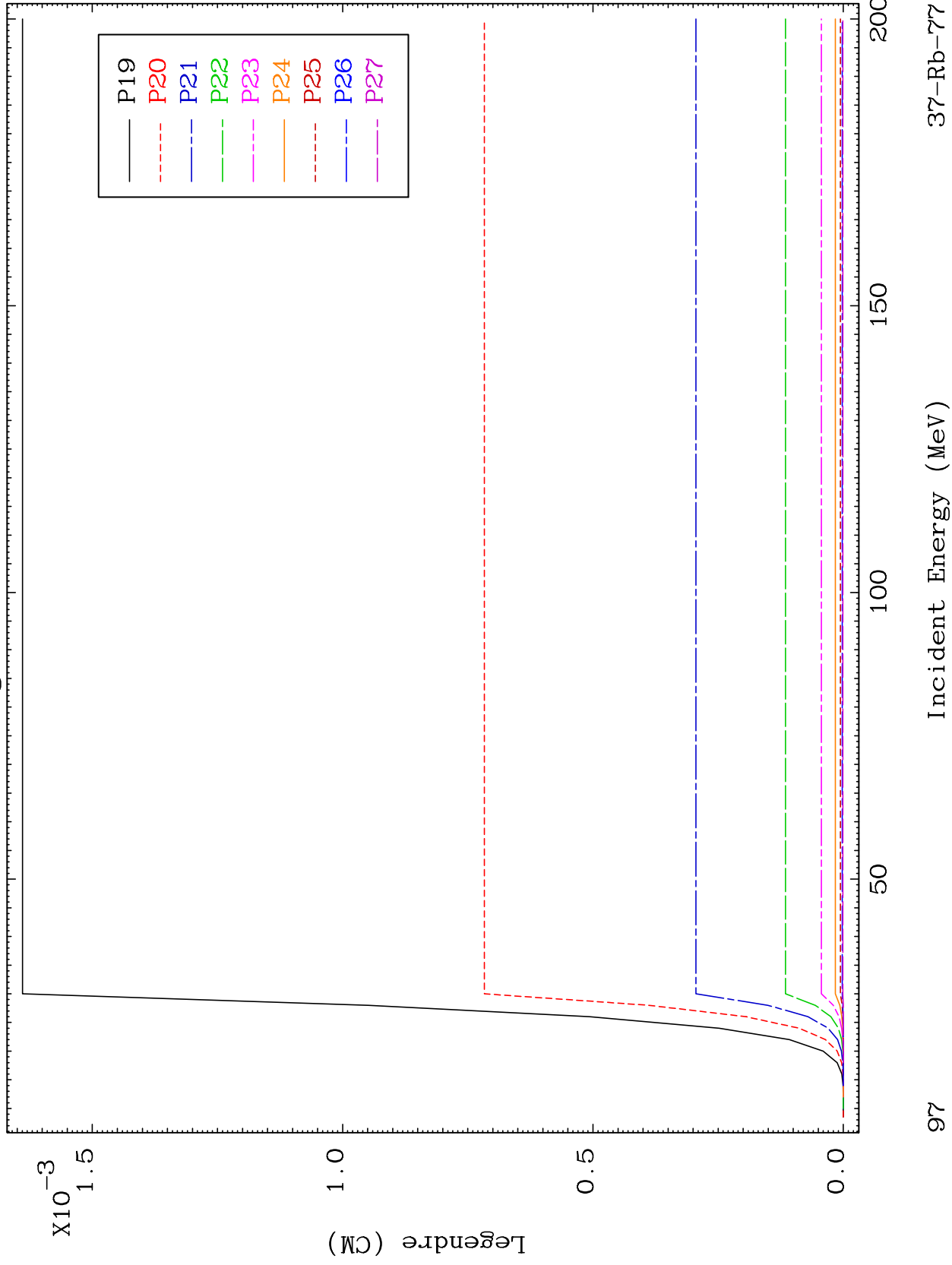
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

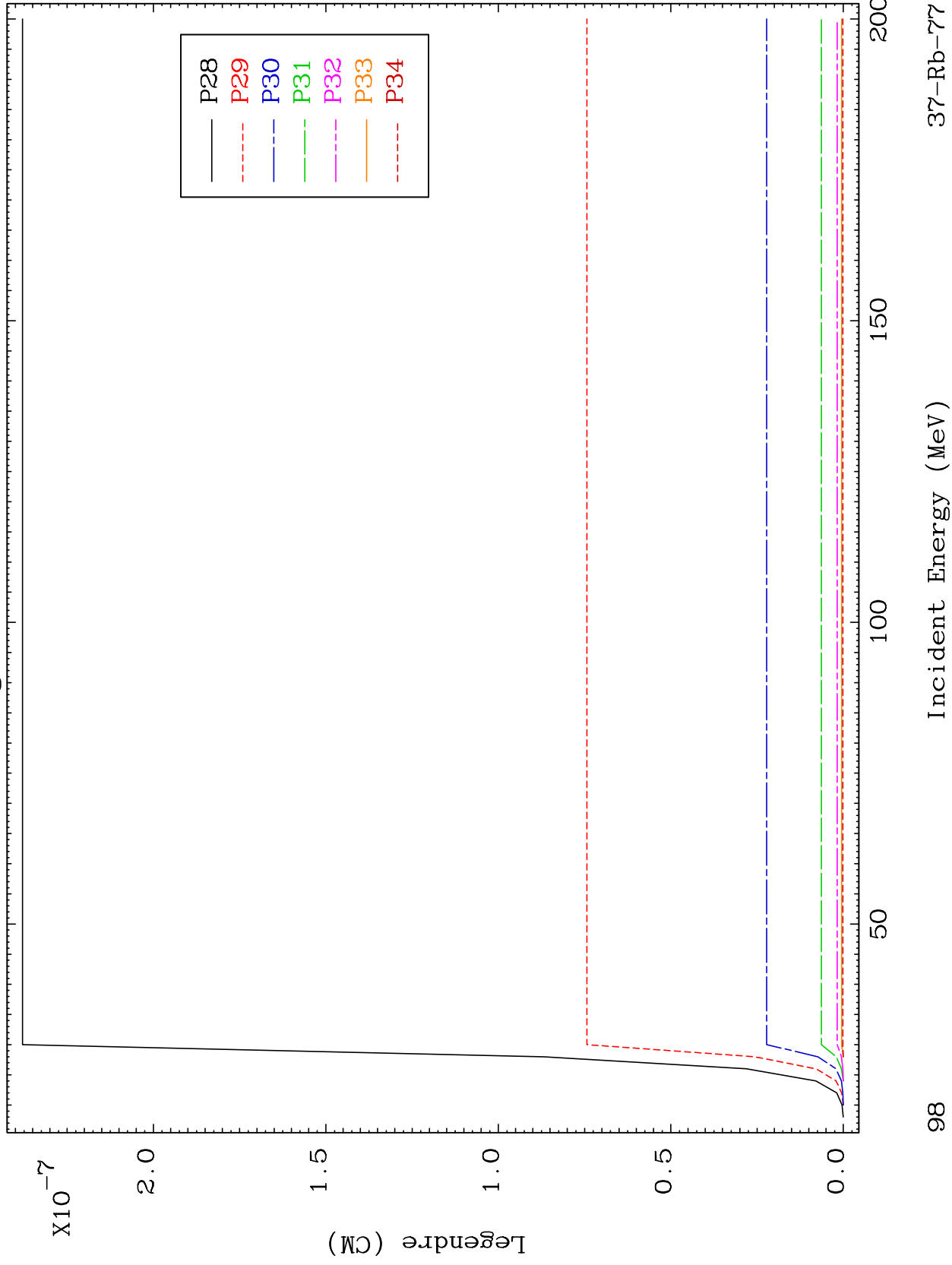
37-Rb-77



MAT 3701

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

37-Rb-77

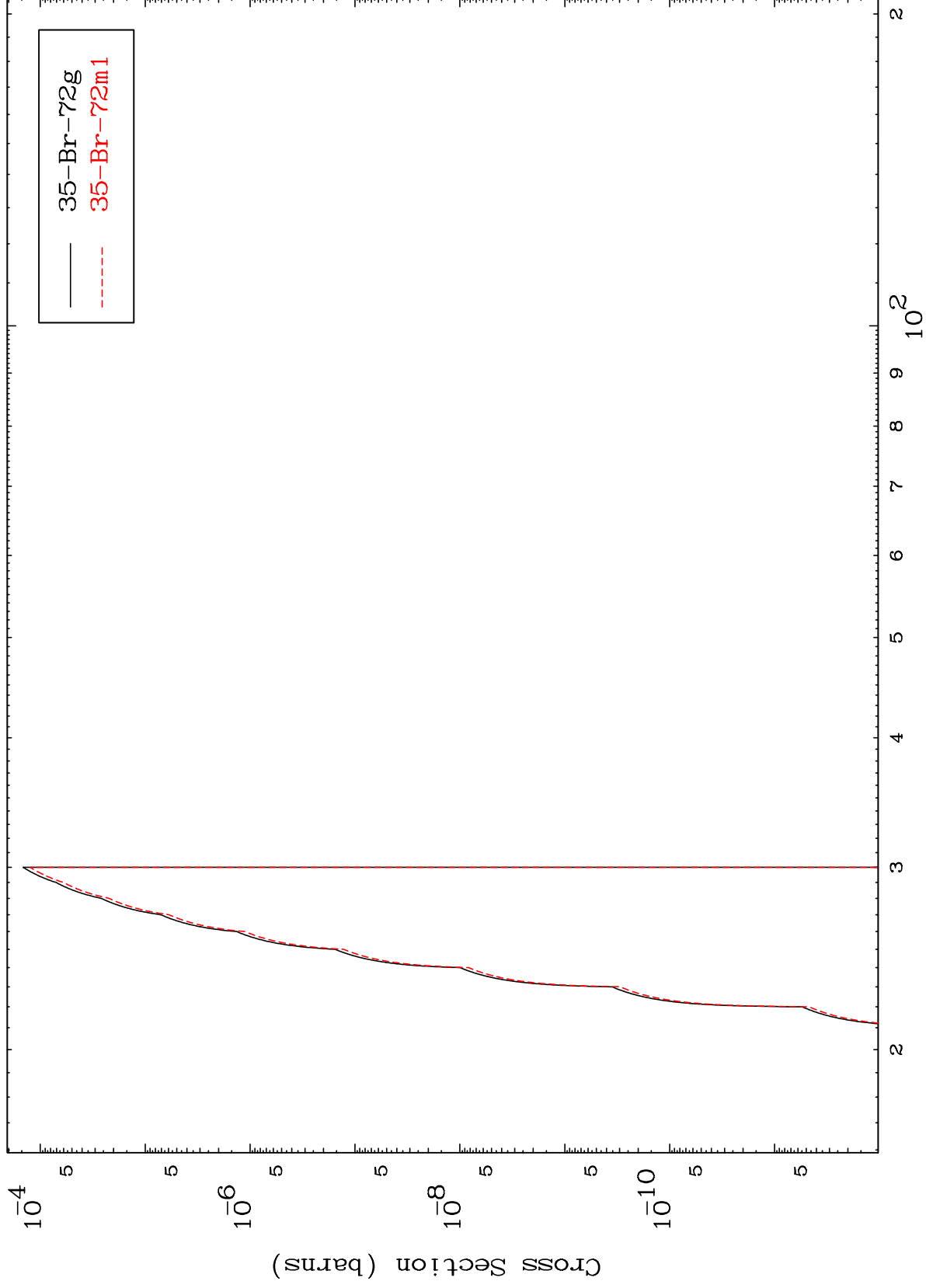


MAT 3701

$(n,2n) \alpha$

37-Rb-77

Radionuclide Production Cross Section



99

Incident Energy (MeV)

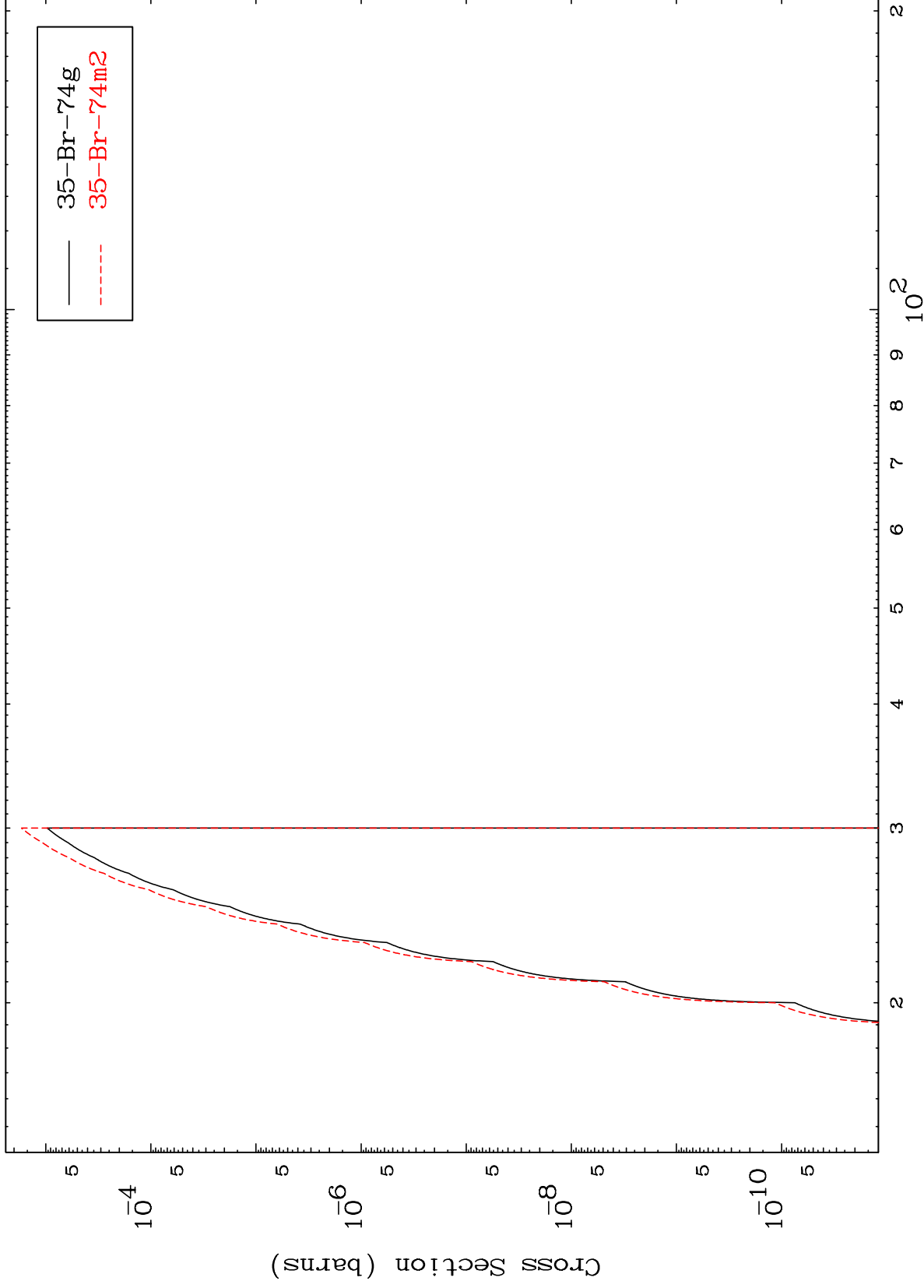
37-Rb-77

MAT 3701

(n,n') He-3

37-Rb-77

Radionuclide Production Cross Section



100

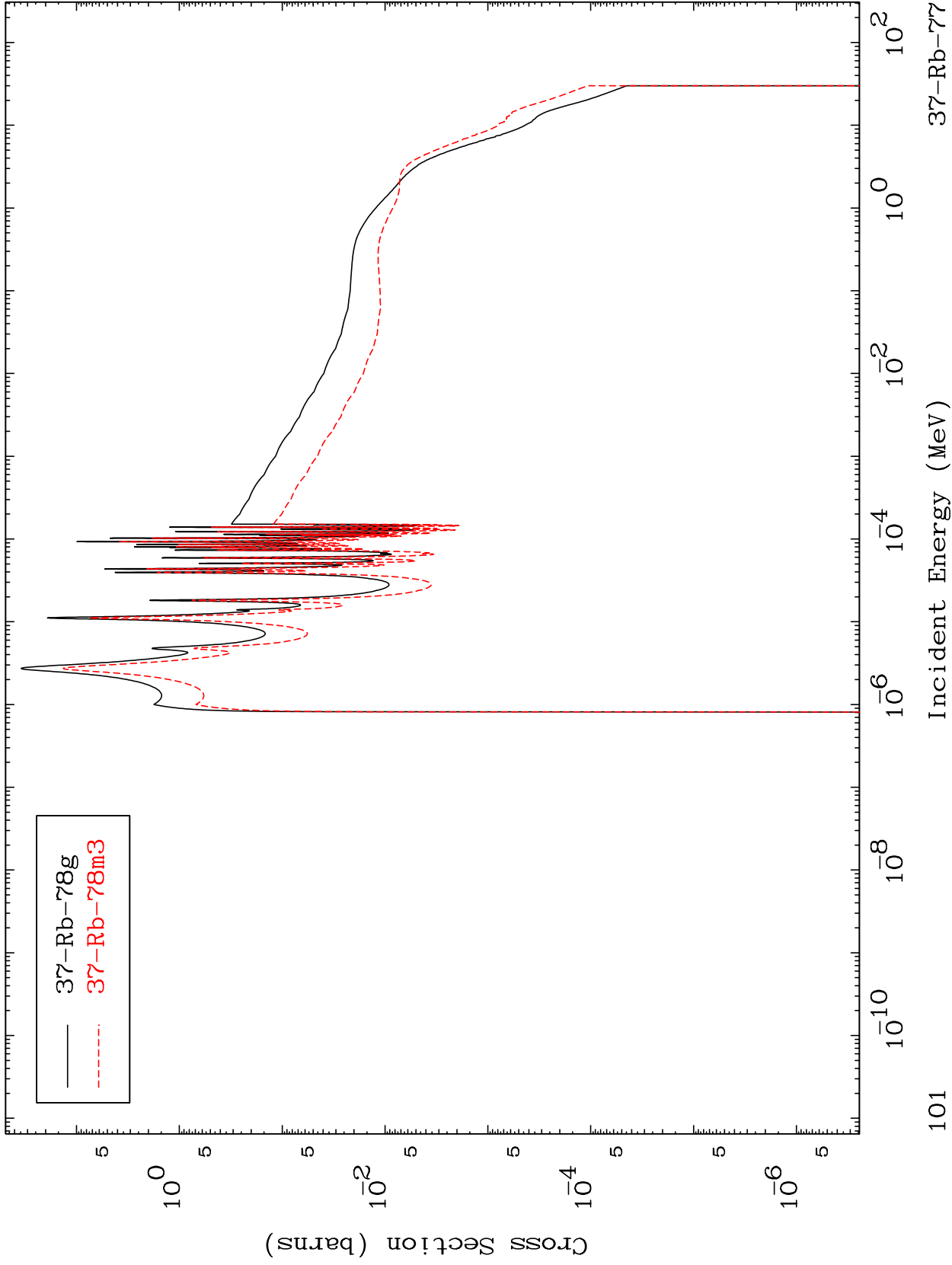
Incident Energy (MeV)

37-Rb-77

MAT 3701

<sup>37</sup>Rb-77

Radionuclide Production Cross Section



— 37-Rb-78g  
- - - 37-Rb-78m3

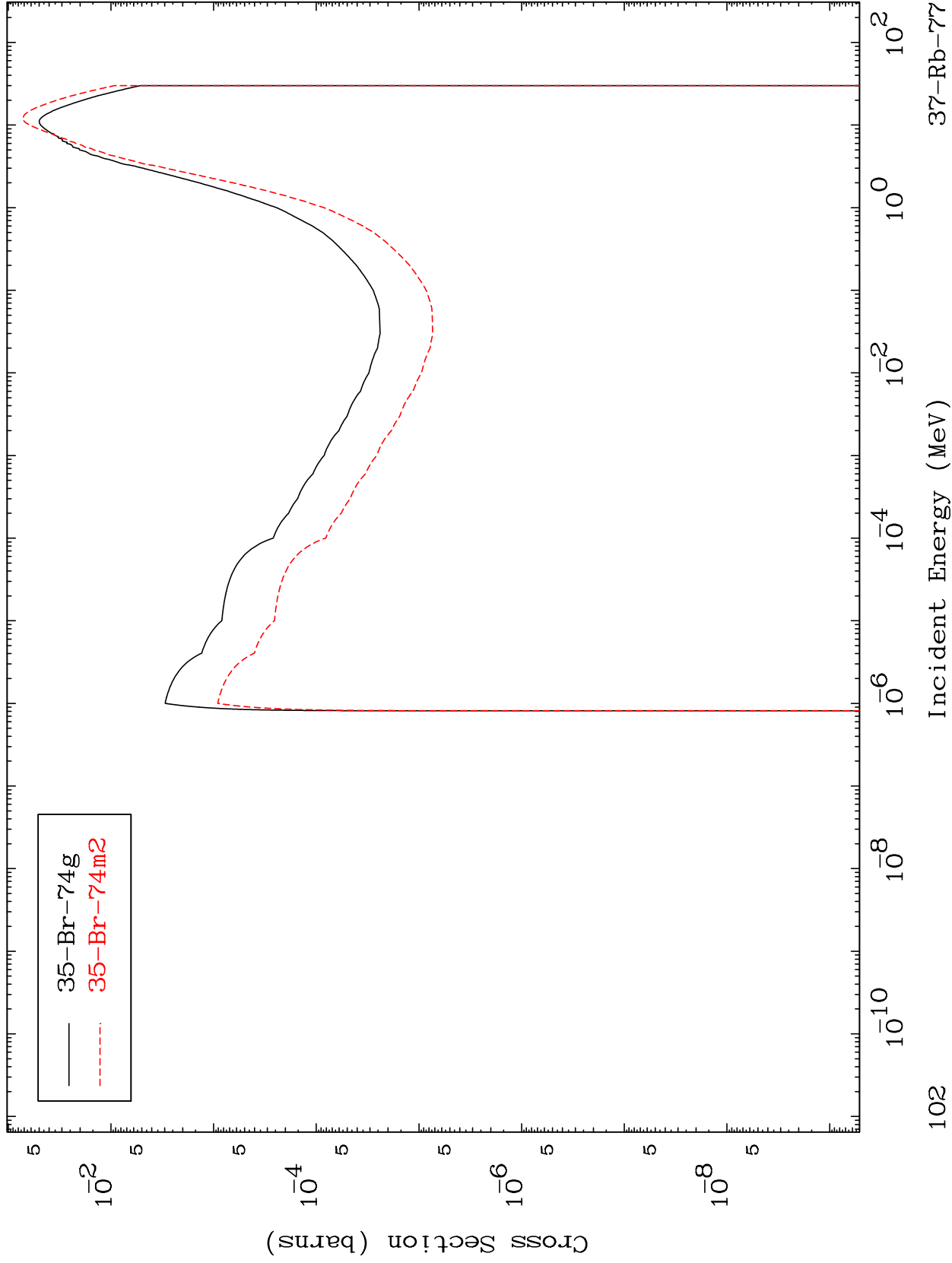
101

<sup>37</sup>Rb-77

MAT 3701

$^{37}\text{Rb-}^{77}$

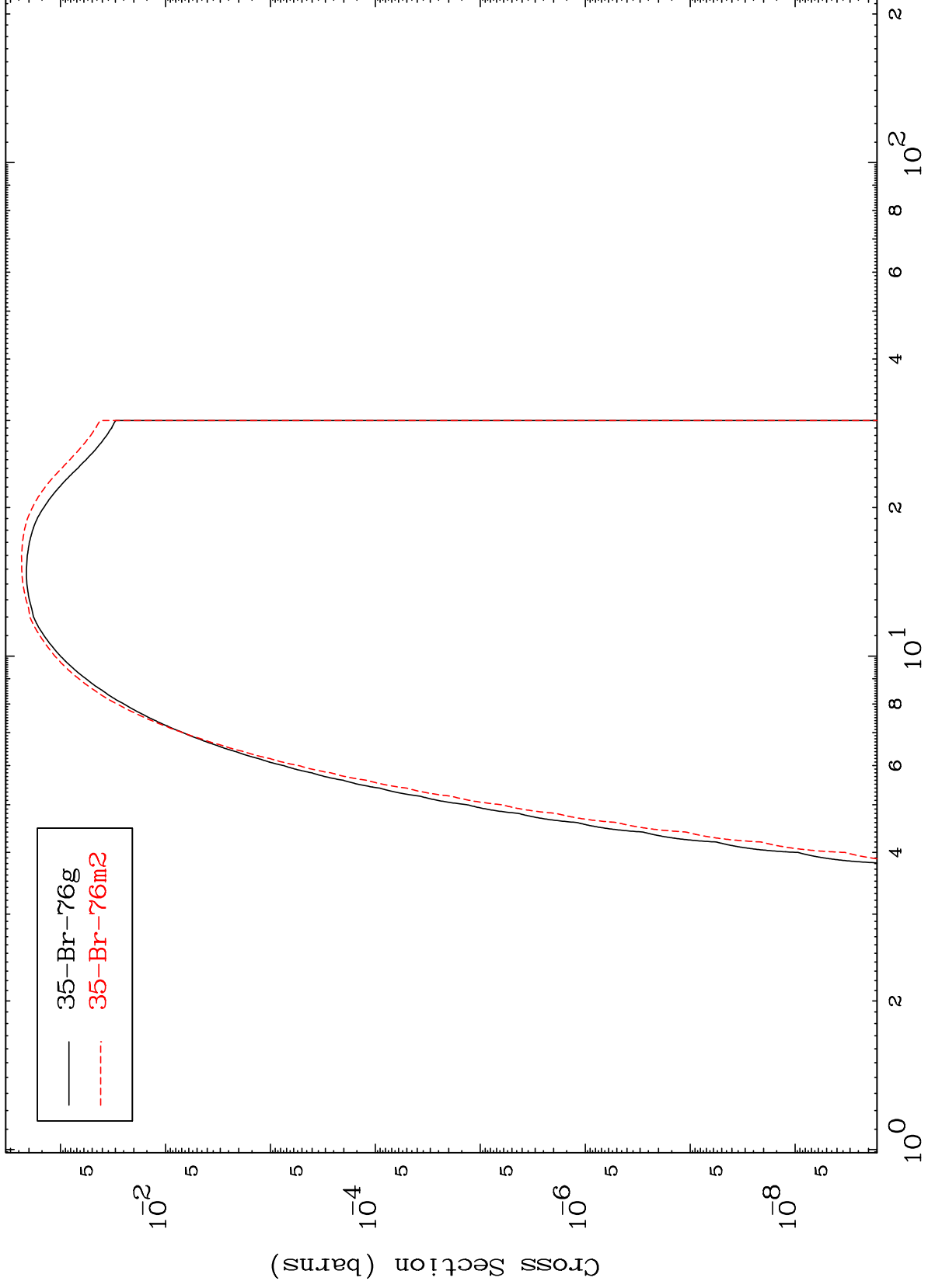
Radionuclide Production Cross Section



MAT 3701

37-Rb-77

(n,2p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-77

103

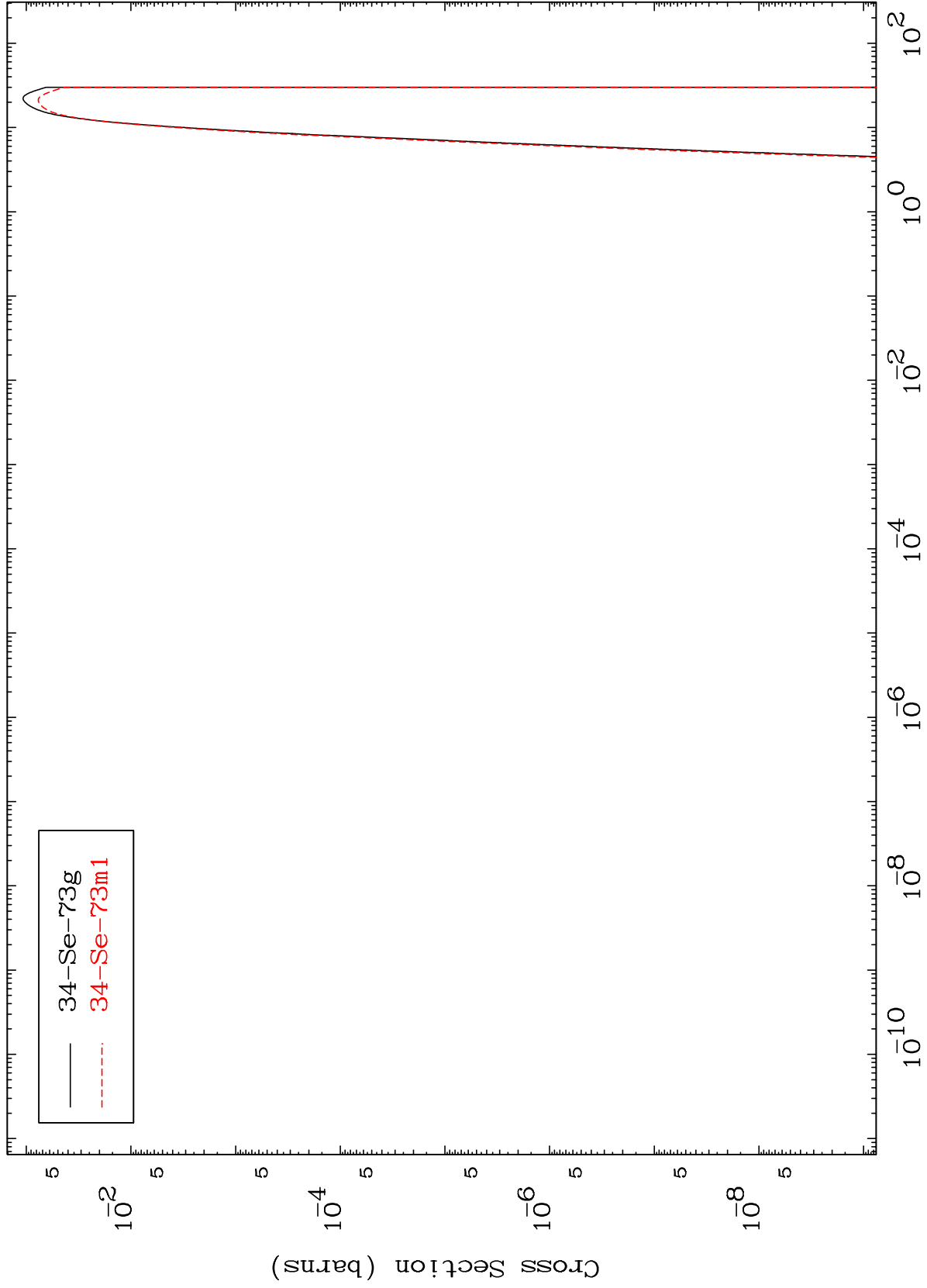


MAT 3701

(n,p)  $\alpha$

$^{37}\text{Rb-}77$

Radionuclide Production Cross Section



104

Incident Energy (MeV)

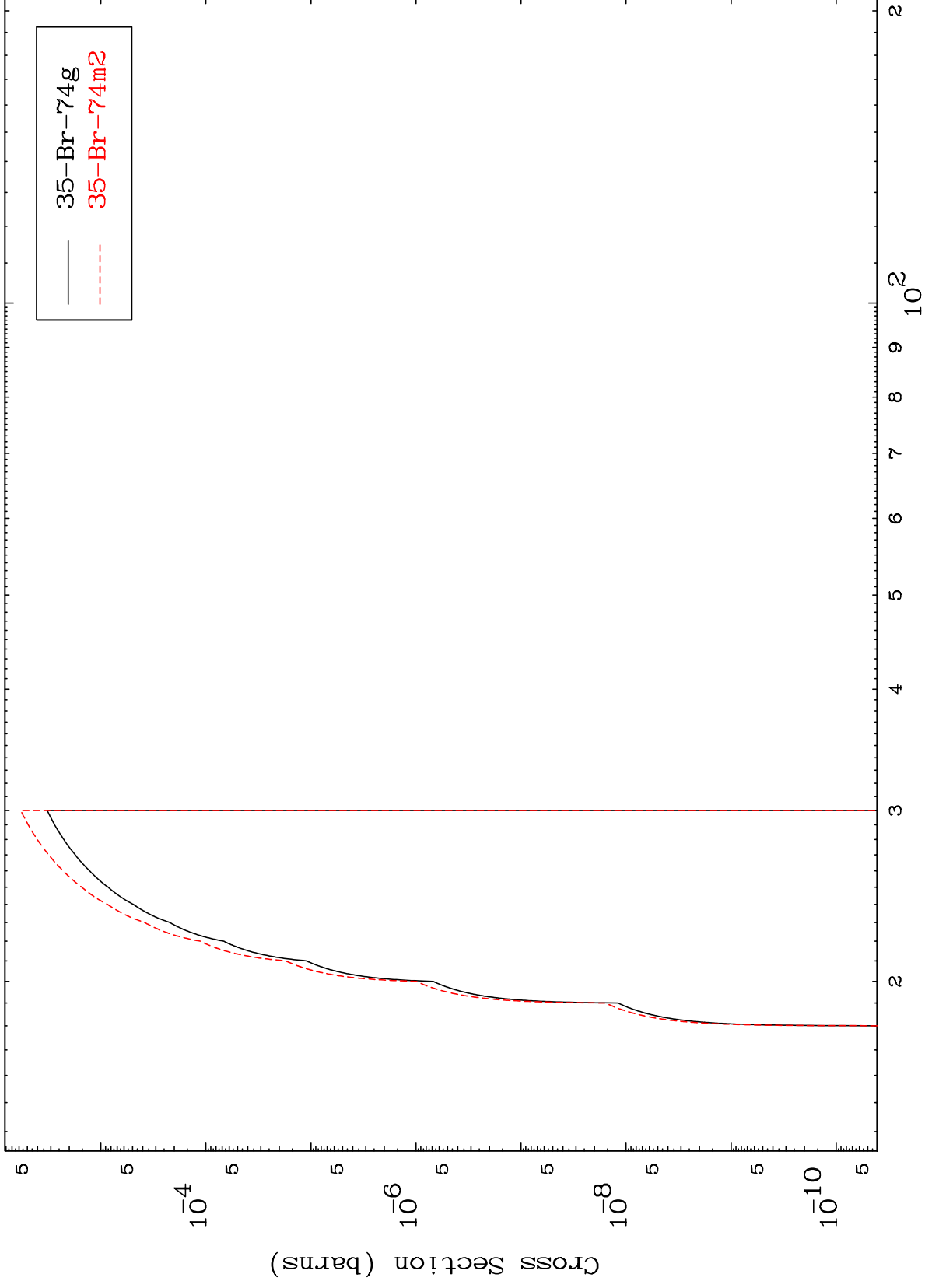
$^{37}\text{Rb-}77$

MAT 3701

(n,p) t

37-Rb-77

Radionuclide Production Cross Section



105

Incident Energy (MeV)

37-Rb-77