

Program EVALPLOT
(Version 2018-1)

by

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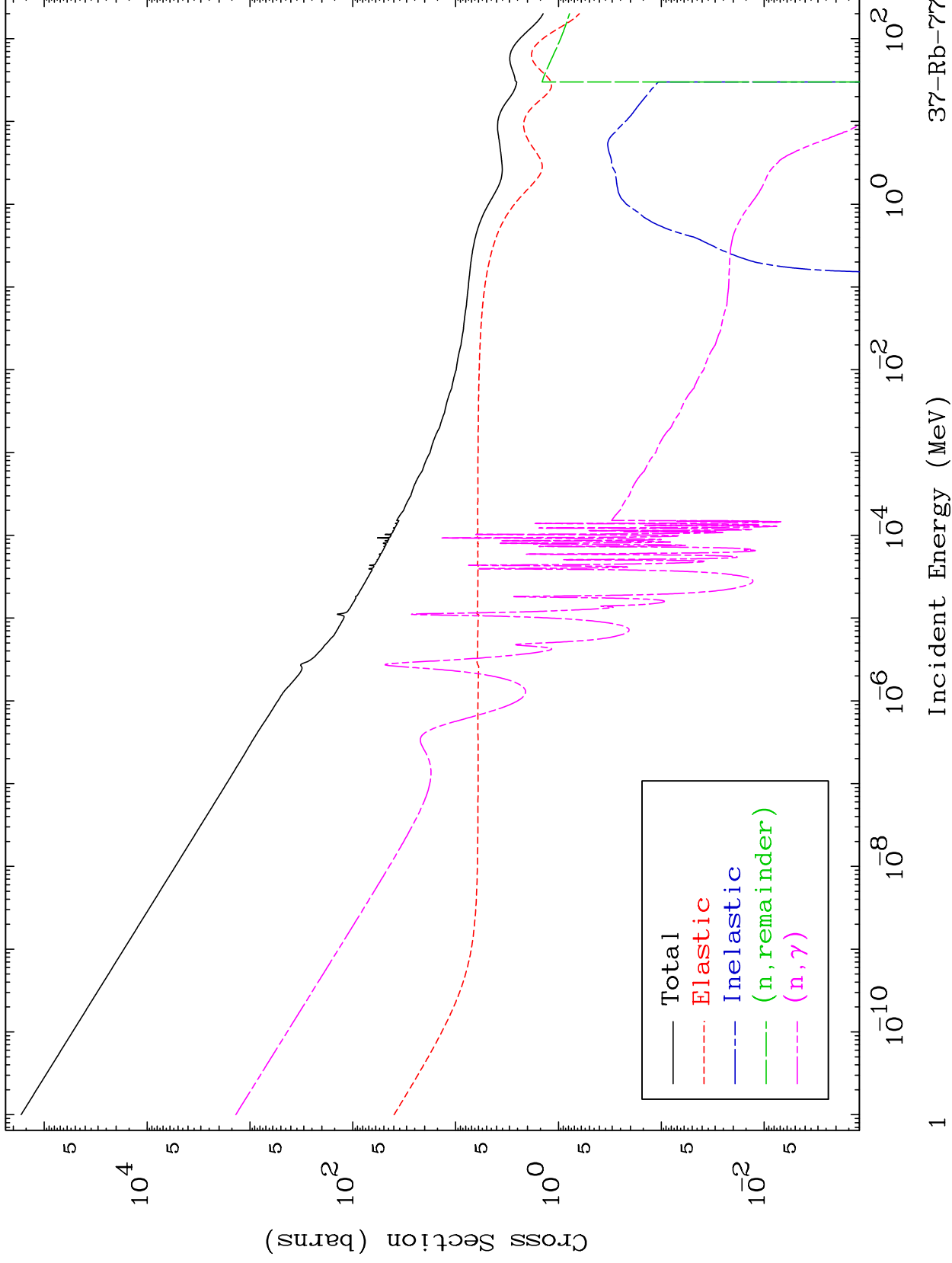
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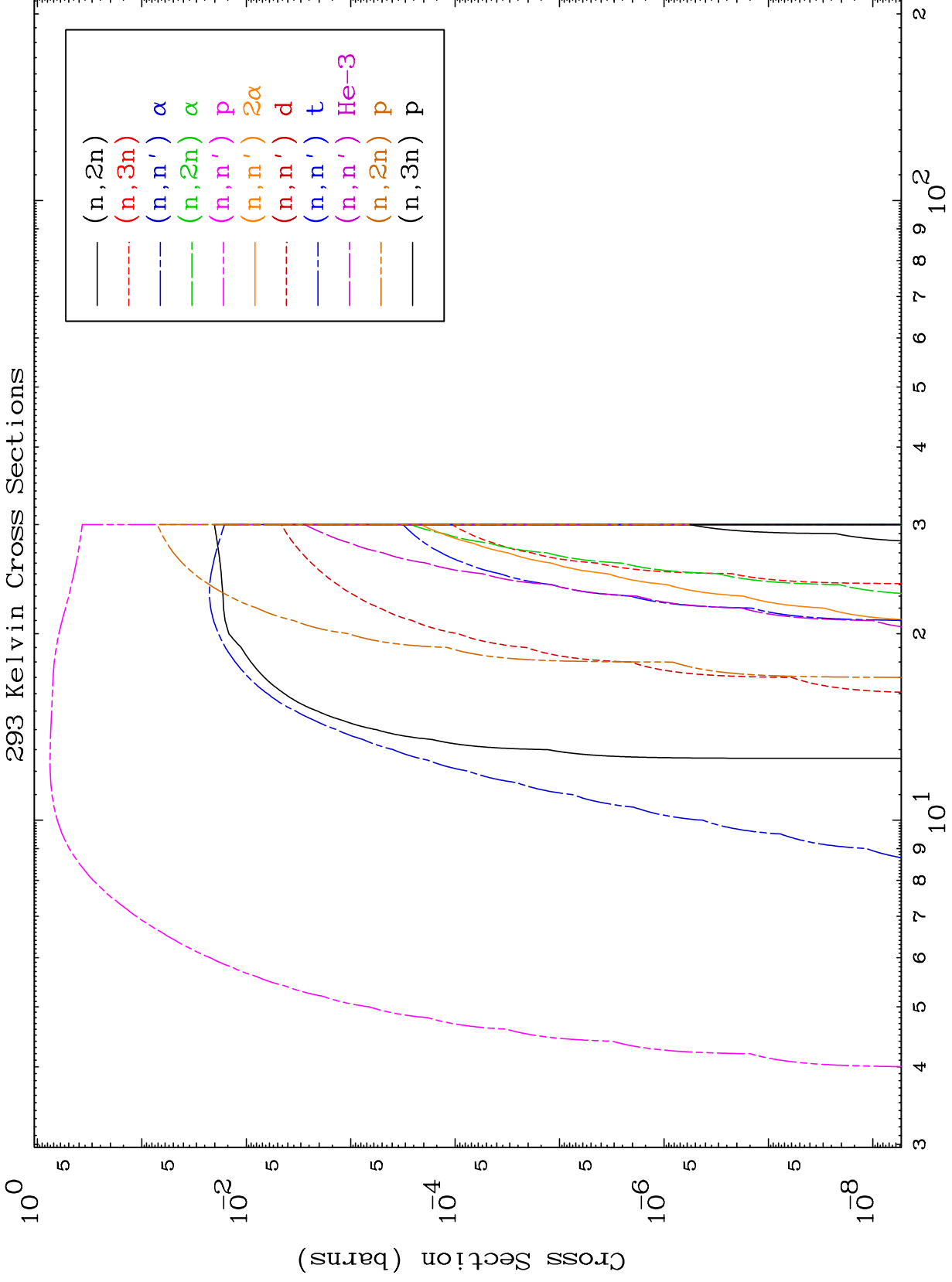
Press Mouse Button to Start

MAT 3701

Major
293 Kelvin Cross Sections

37-Rb-77

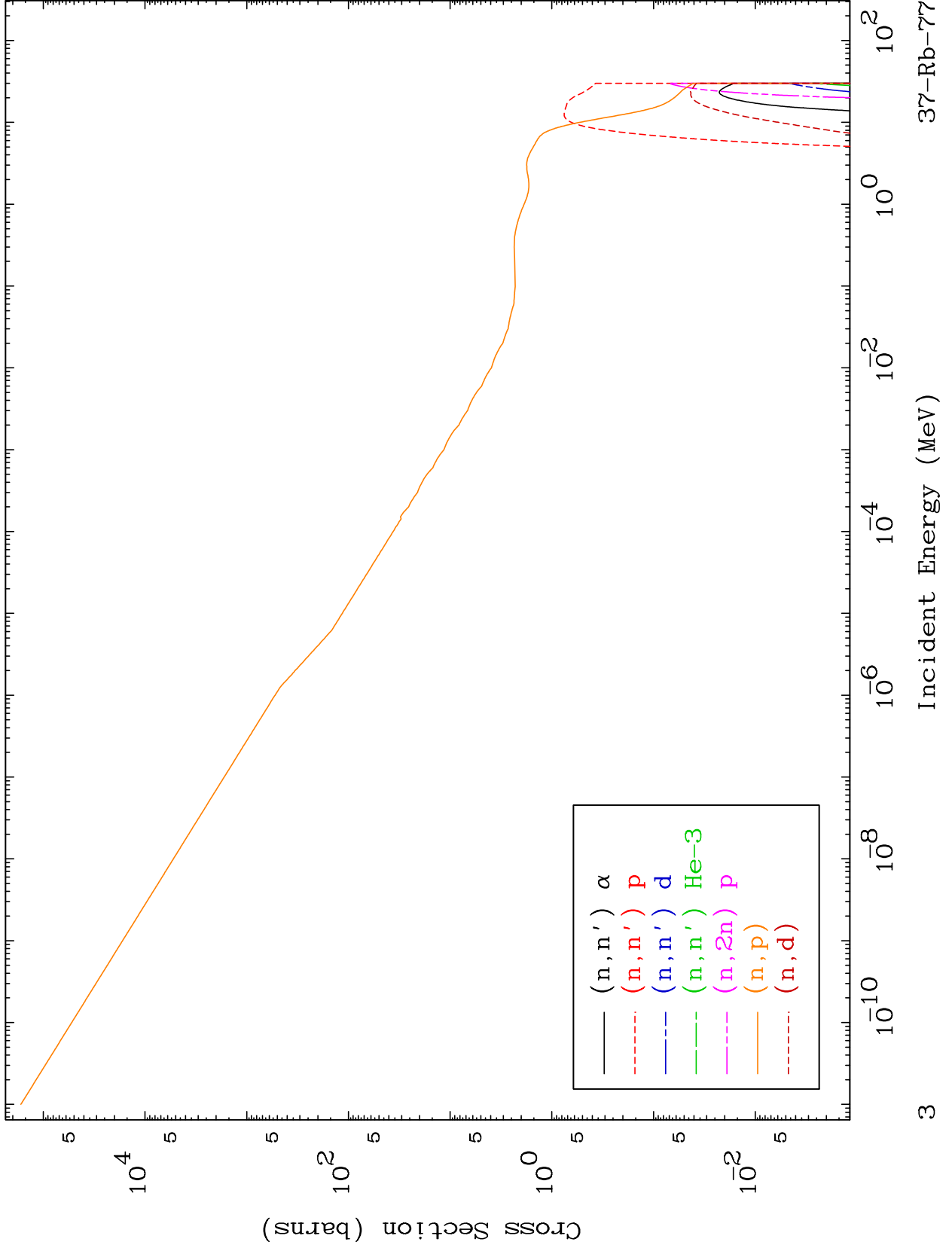




MAT 3701

Charged Particle
293 Kelvin Cross Sections

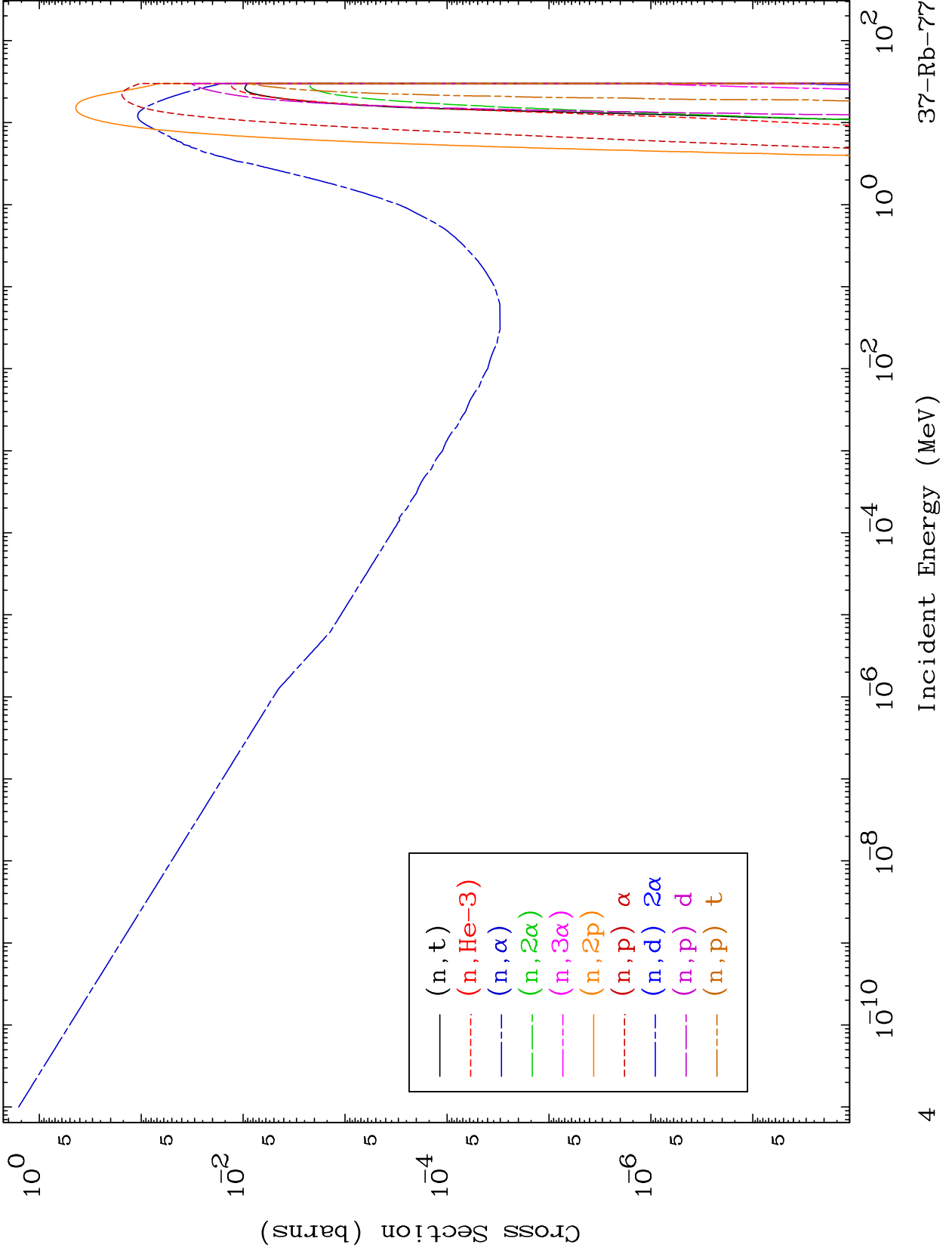
37-Rb-77



MAT 3701

Charged Particle
293 Kelvin Cross Sections

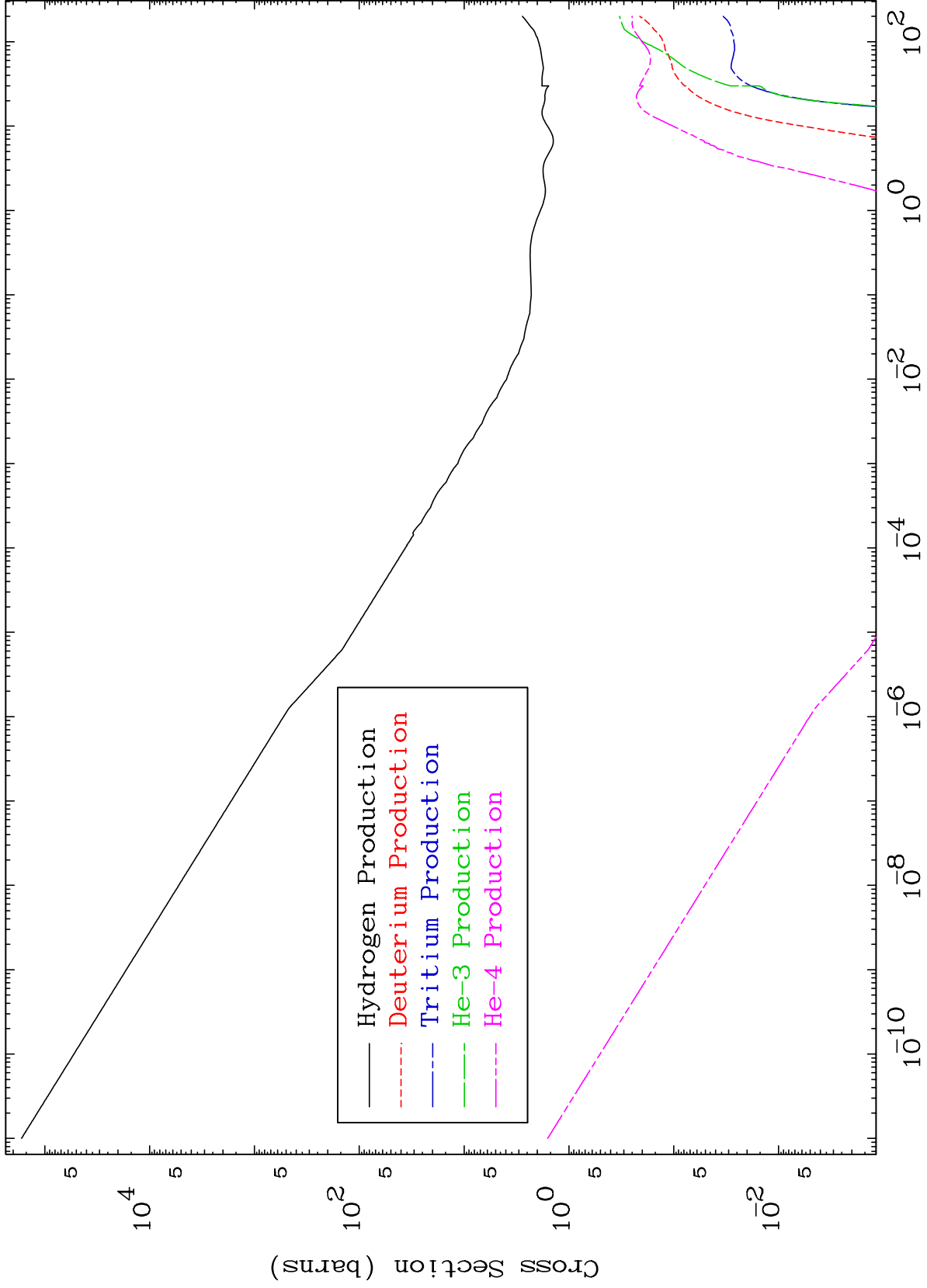
37-Rb-77



MAT 3701

Particle Production
293 Kelvin Cross Sections

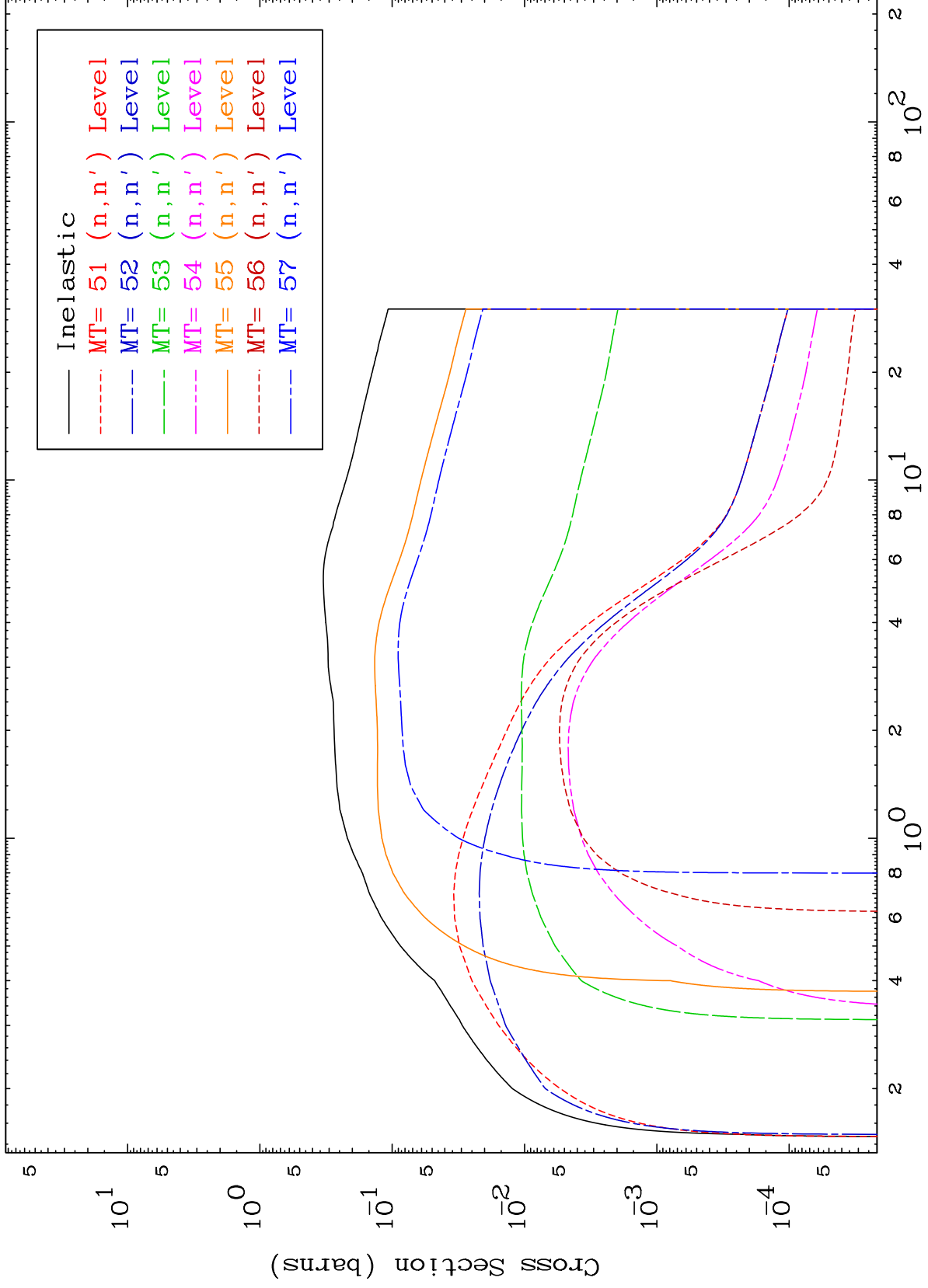
37-Rb-77



5

Incident Energy (MeV)

37-Rb-77

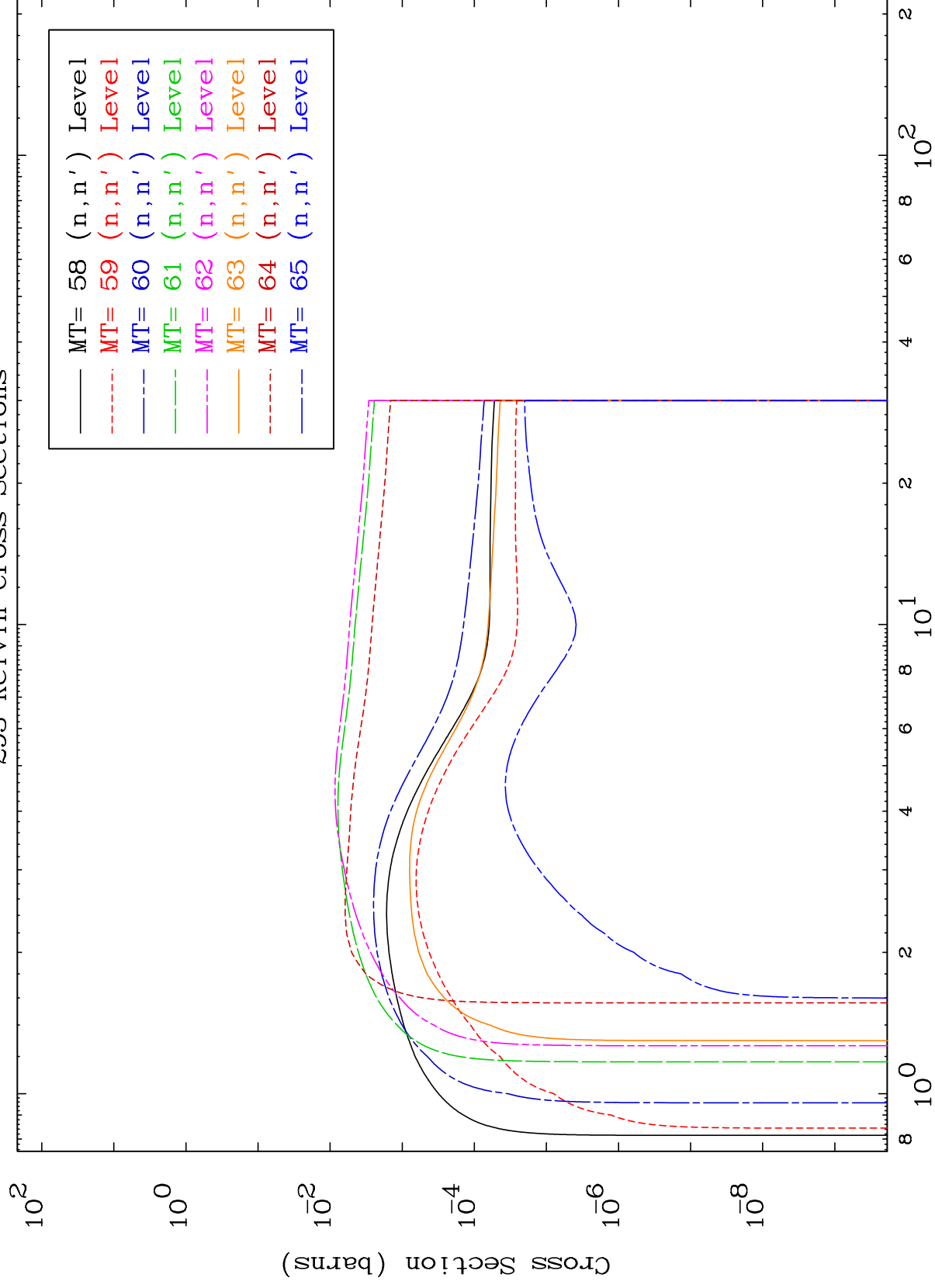


MAT 3701

(n,n') Level

293 Kelvin Cross Sections

37-Rb-77



Incident Energy (MeV)

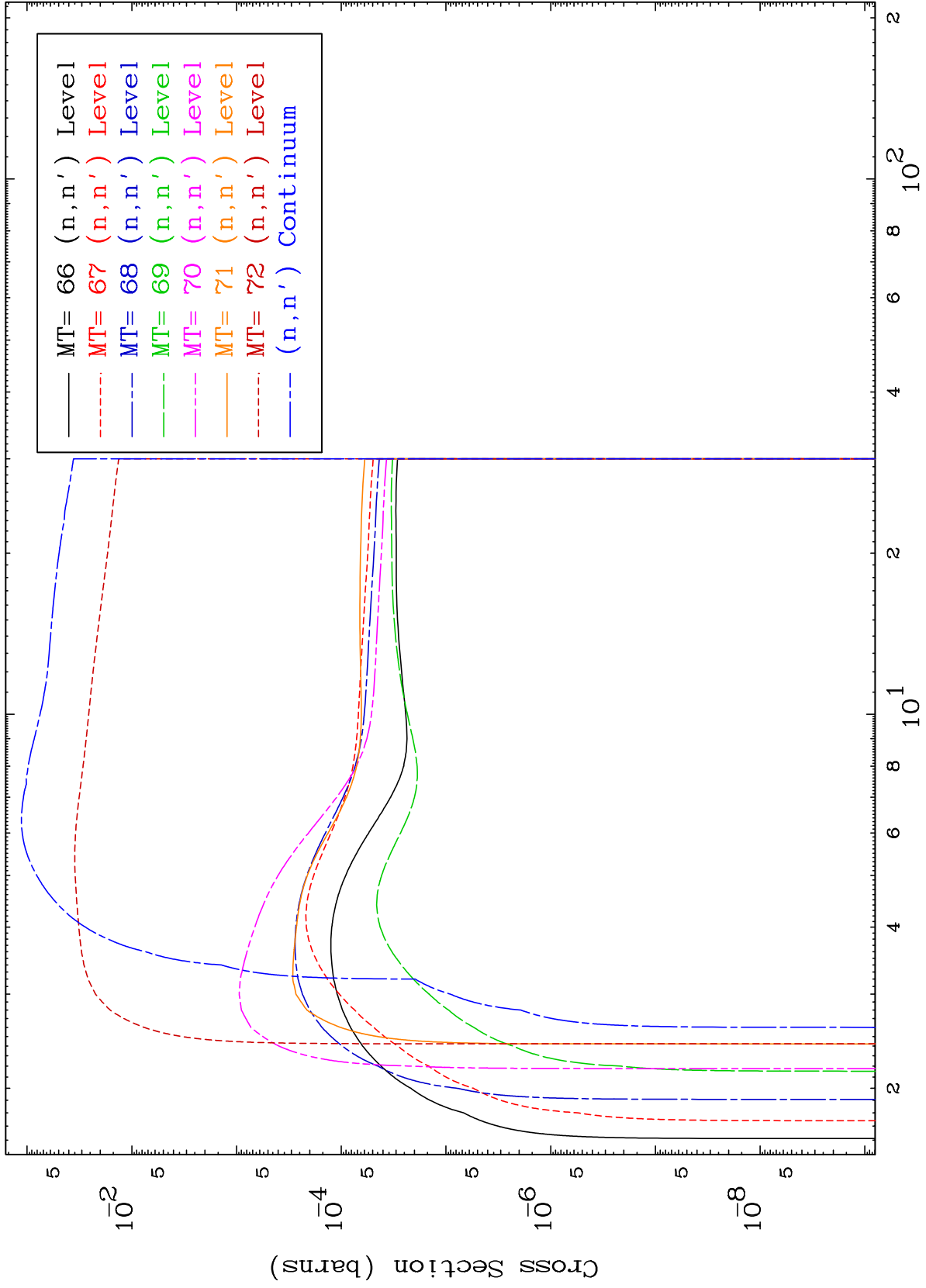
37-Rb-77

MAT 3701

(n,n') Level

37-Rb-77

293 Kelvin Cross Sections



8

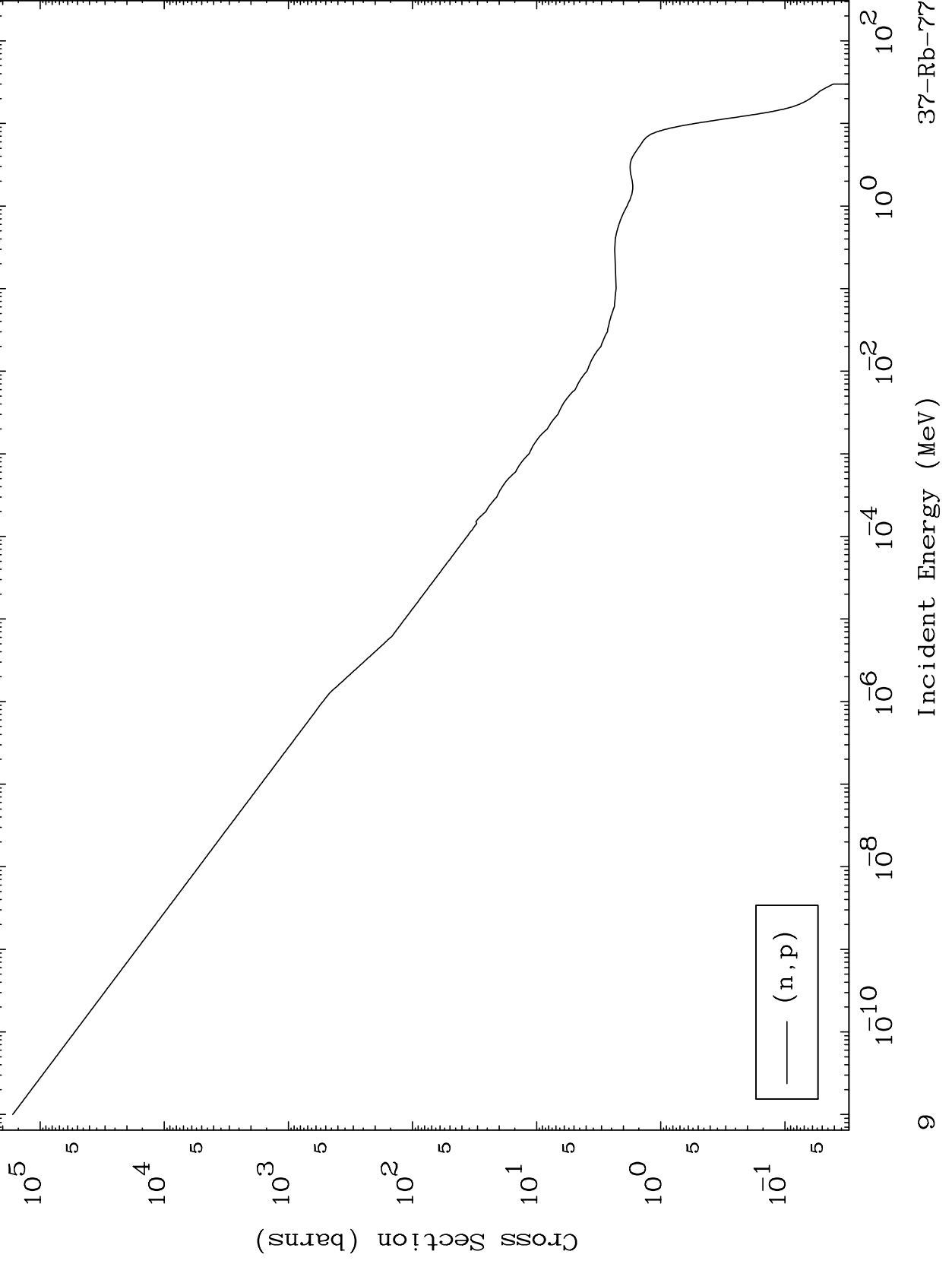
Incident Energy (MeV)

37-Rb-77

MAT 3701

(n,p) Levels
293 Kelvin Cross Sections

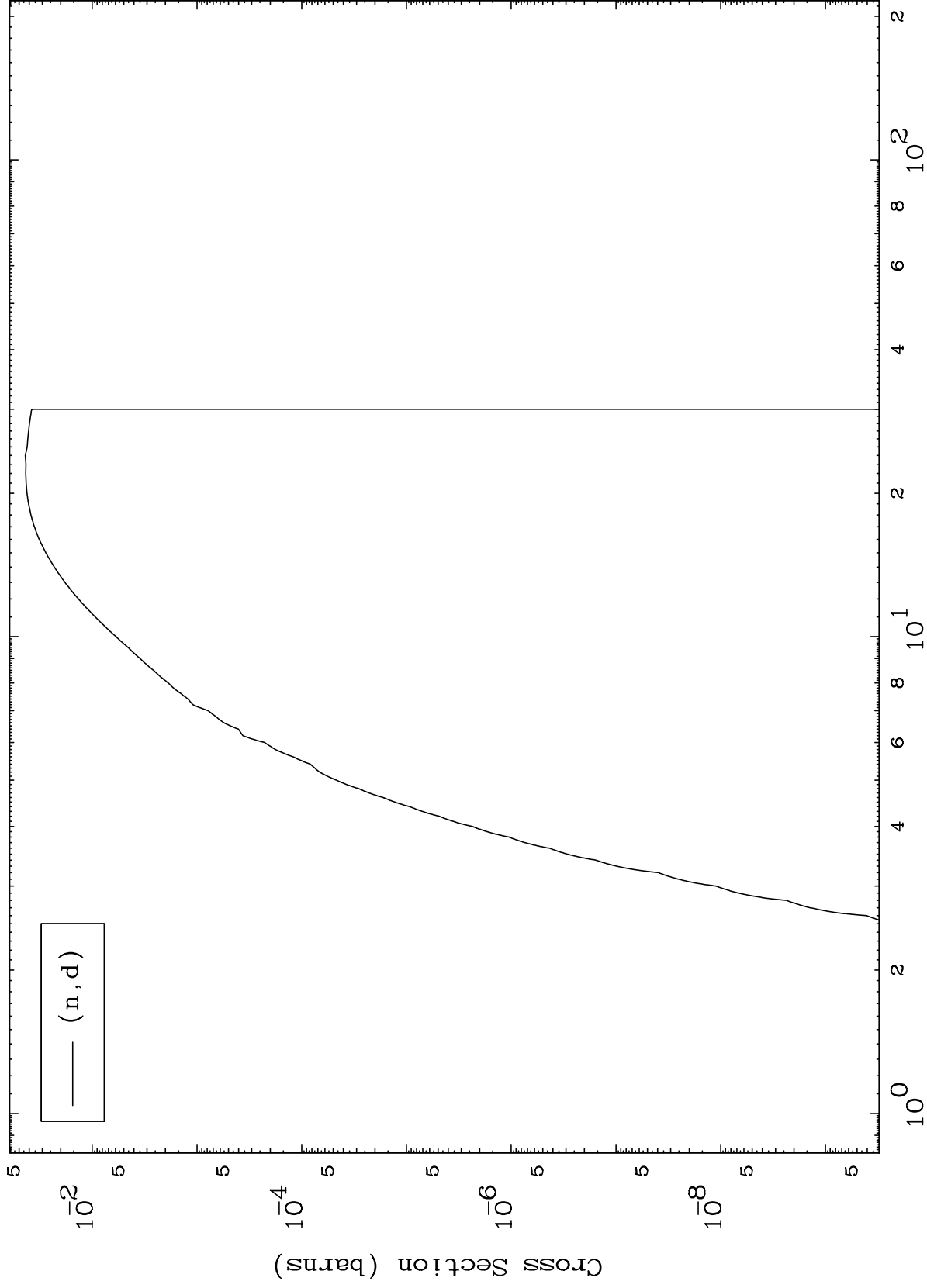
37-Rb-77



MAT 3701

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-77



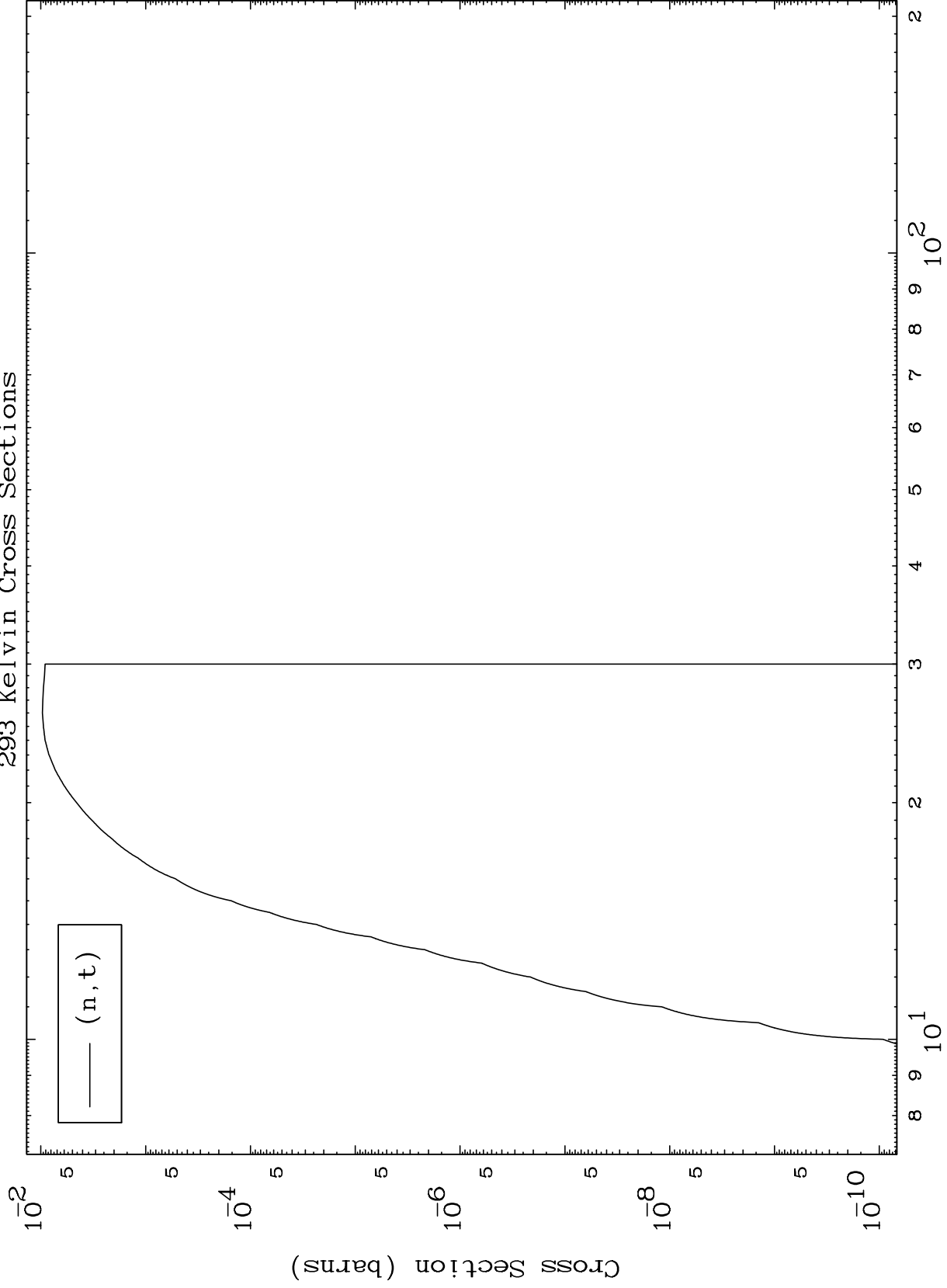
Incident Energy (MeV)

37-Rb-77

MAT 3701

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-77



11

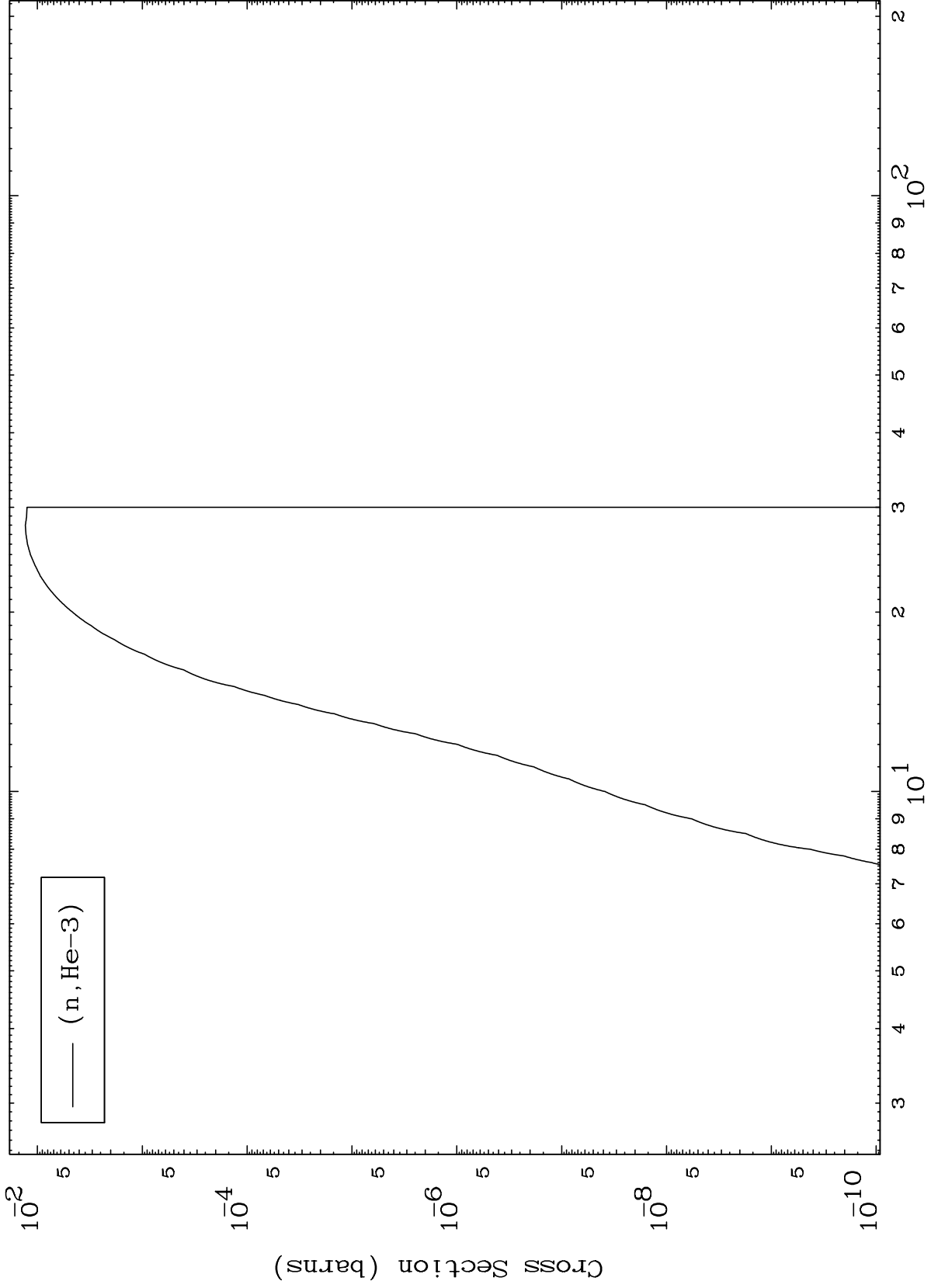
Incident Energy (MeV)

37-Rb-77

MAT 3701

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-77



12

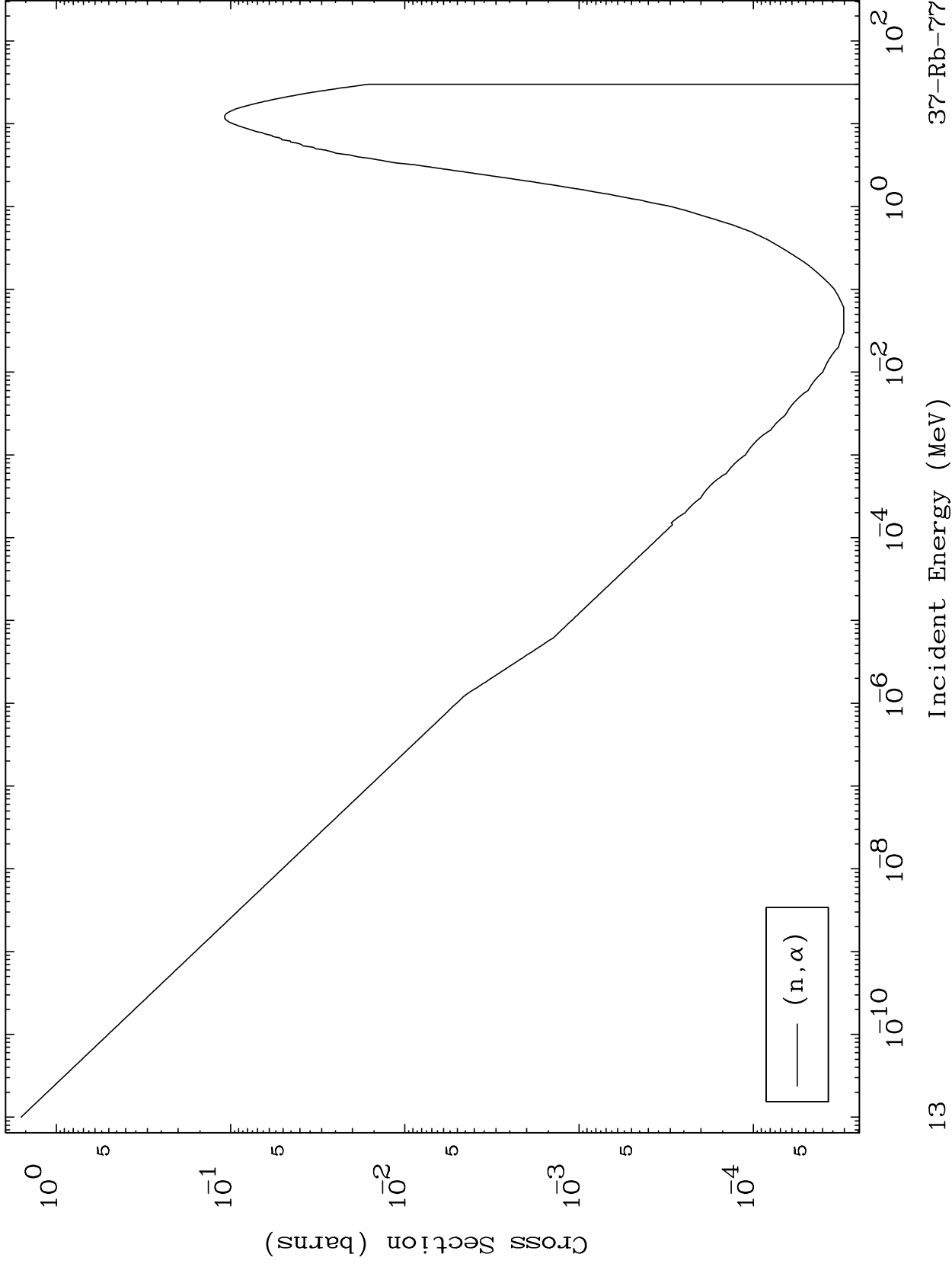
Incident Energy (MeV)

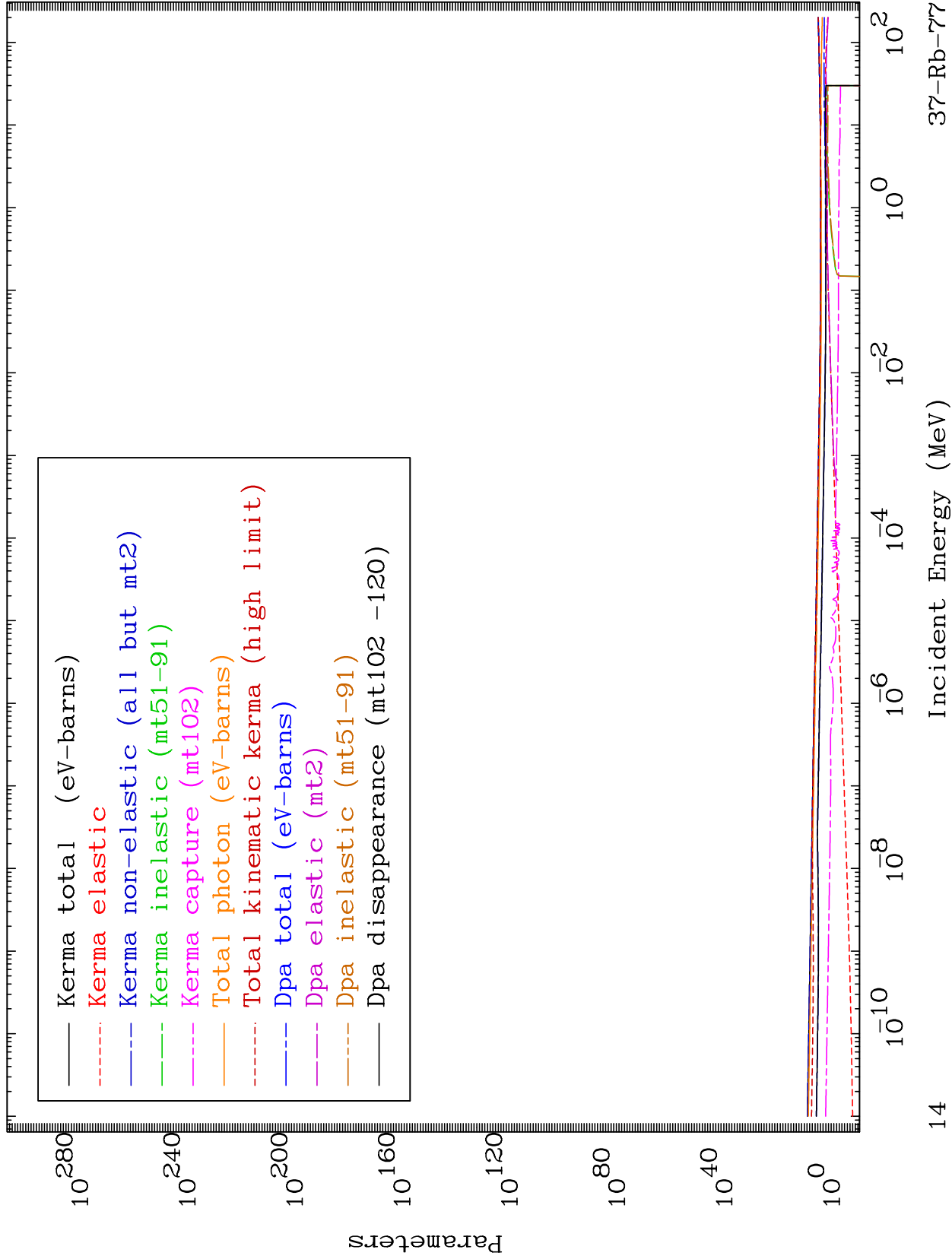
37-Rb-77

MAT 3701

(n,α) Levels
293 Kelvin Cross Sections

37-Rb-77

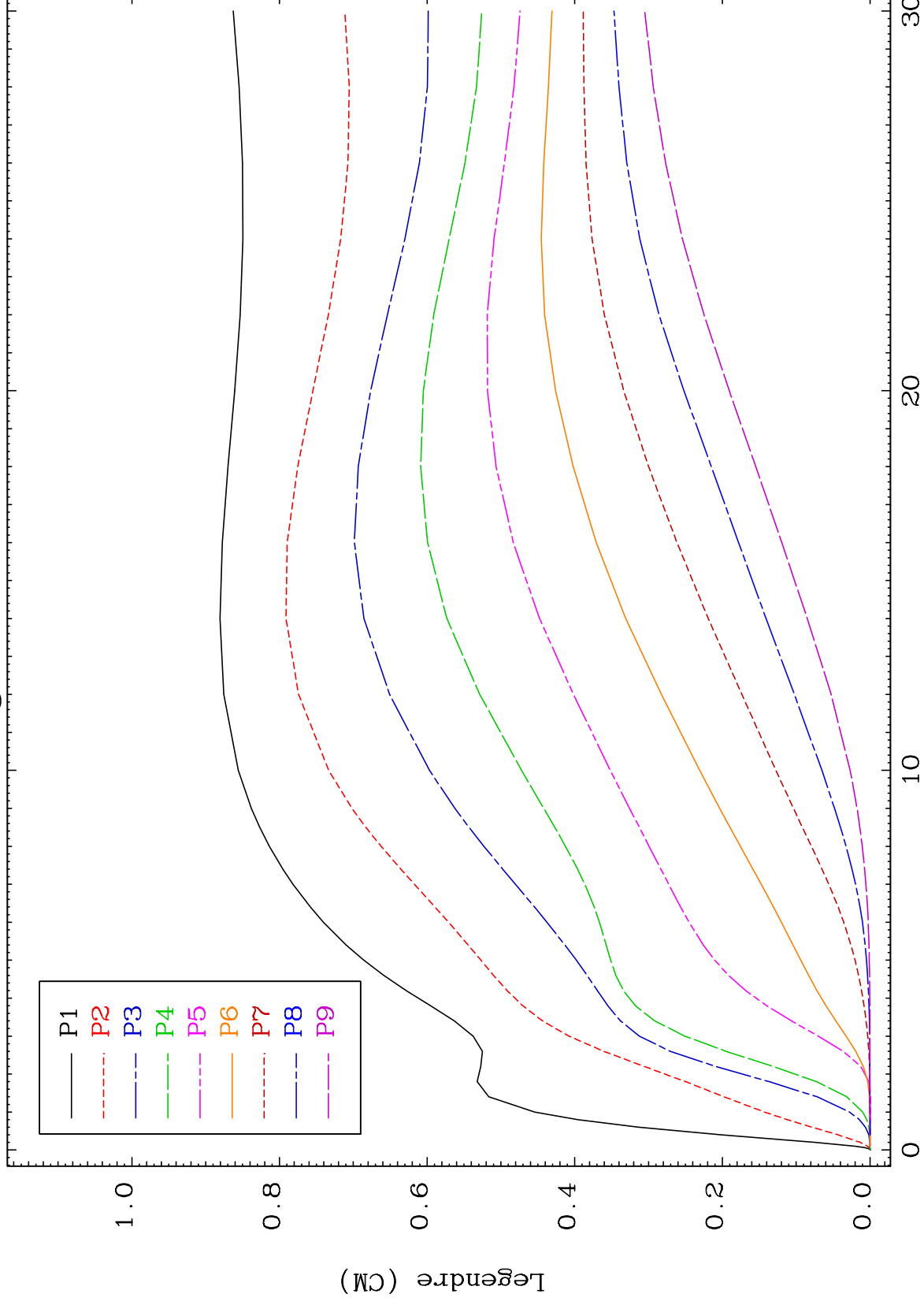




MAT 3701

Elastic Legendre Coefficients

37-Rb-77

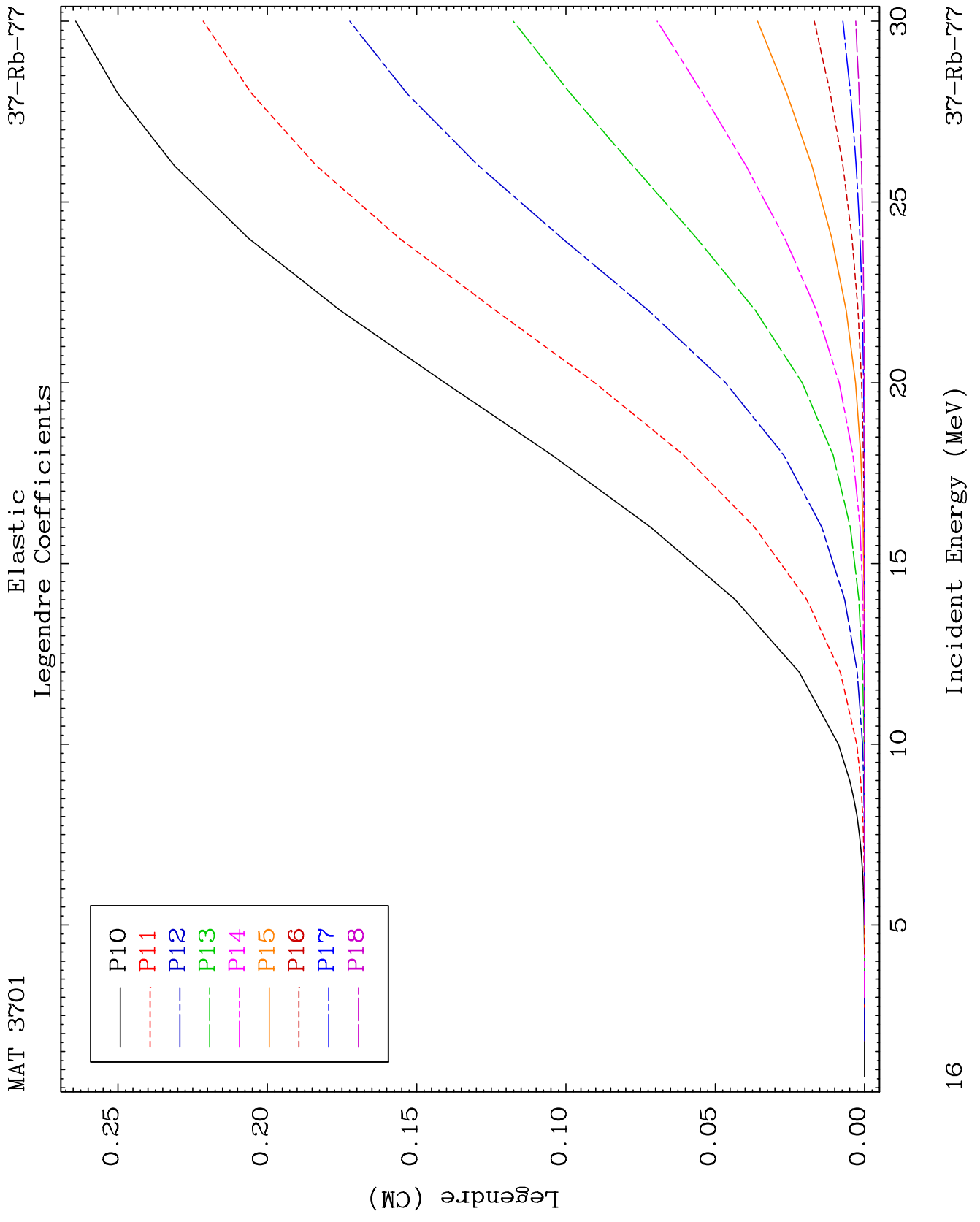


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Incident Energy (MeV)

37-Rb-77

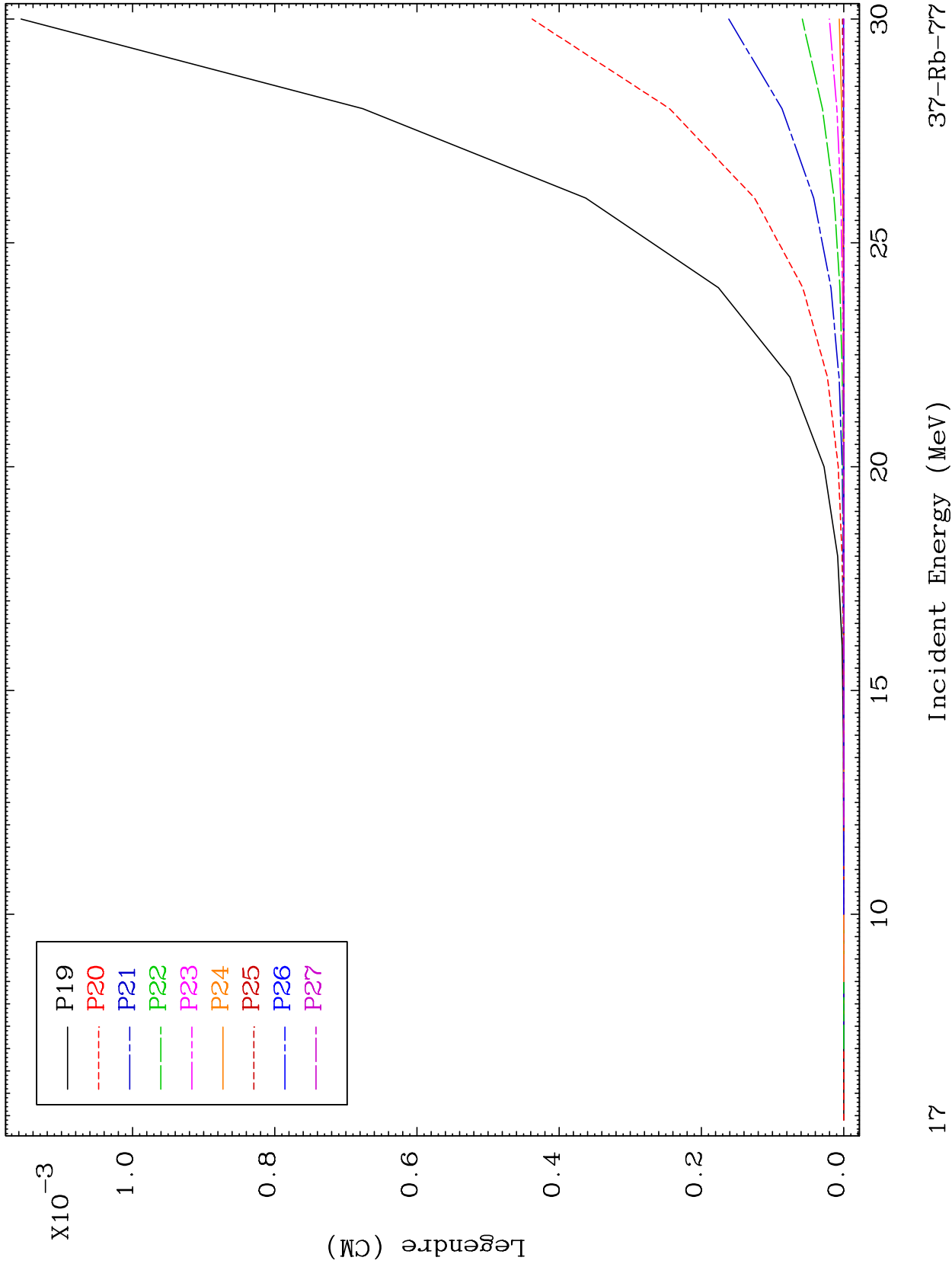
30



MAT 3701

Elastic Legendre Coefficients

37-Rb-77



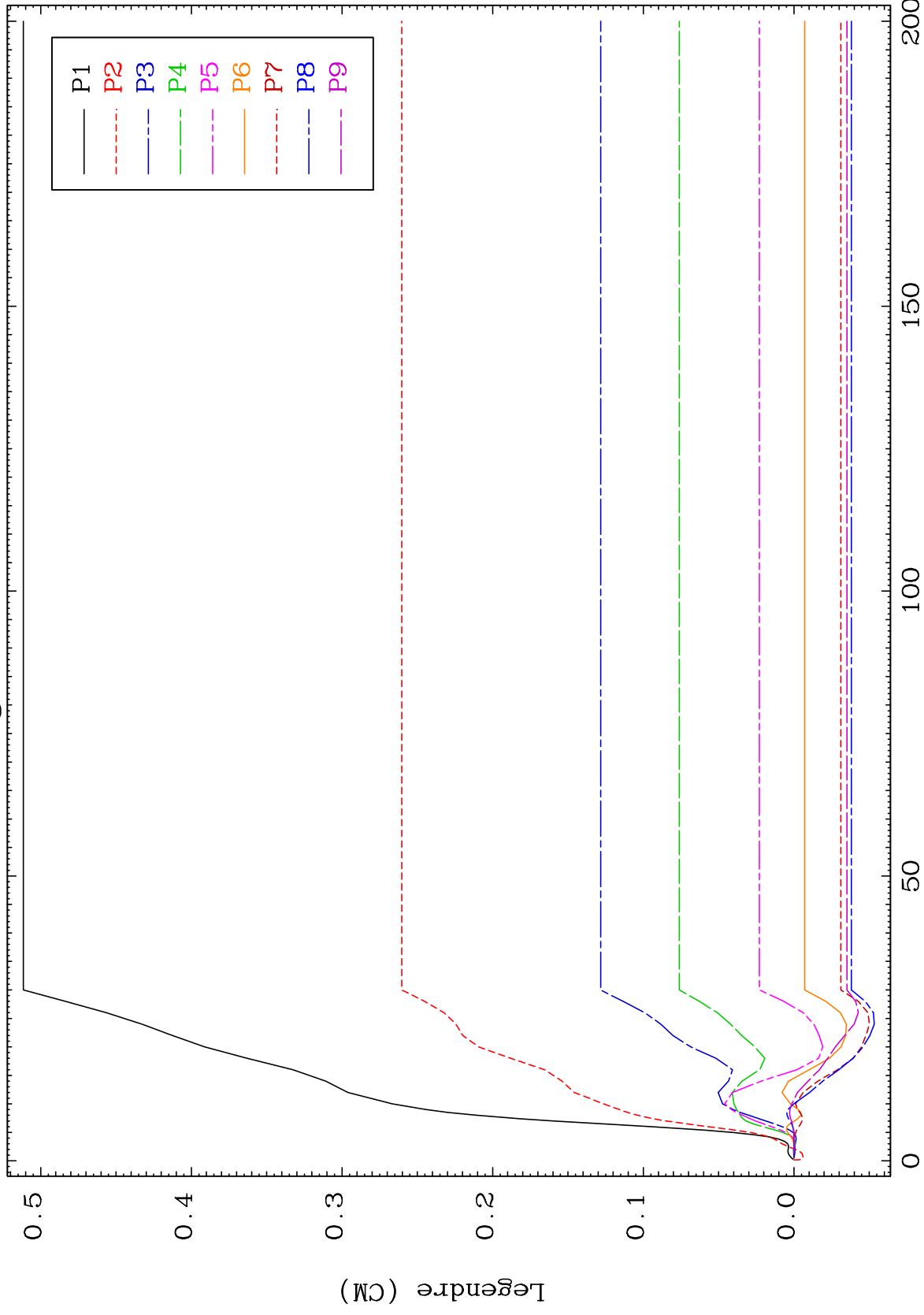
17

37-Rb-77

MAT 3701

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

37-Rb-77



19

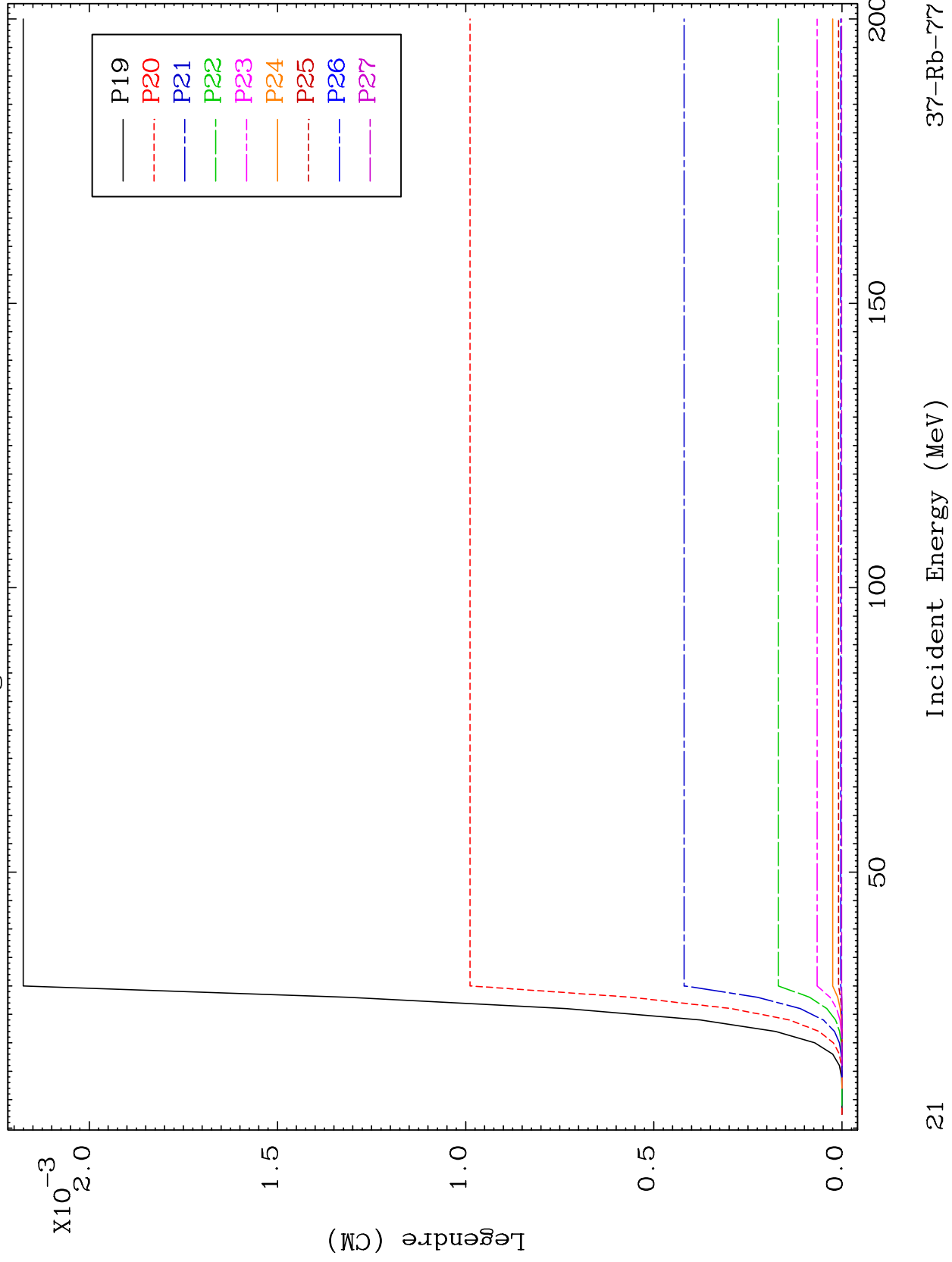
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



21

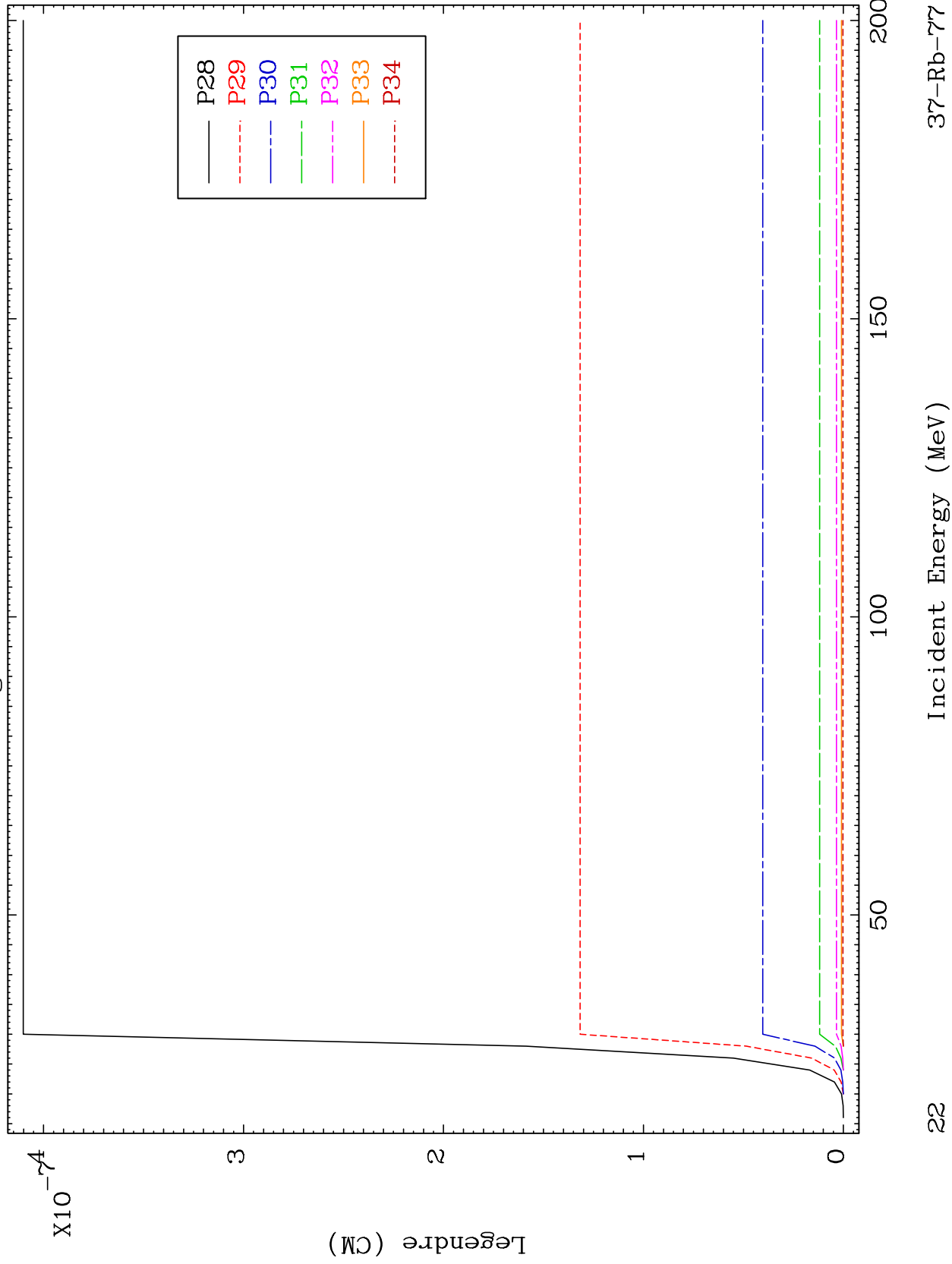
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77

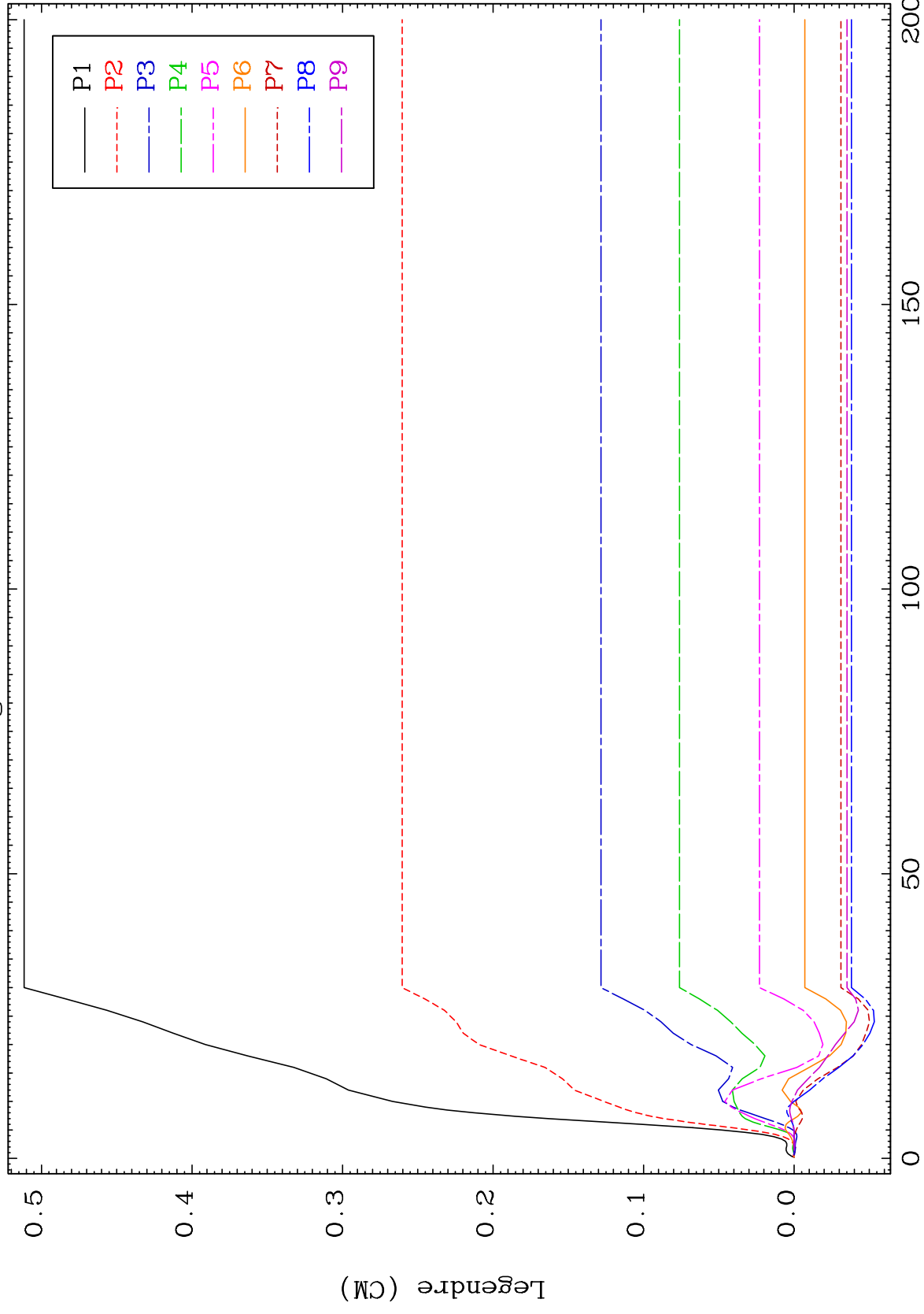


22

MAT 3701

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

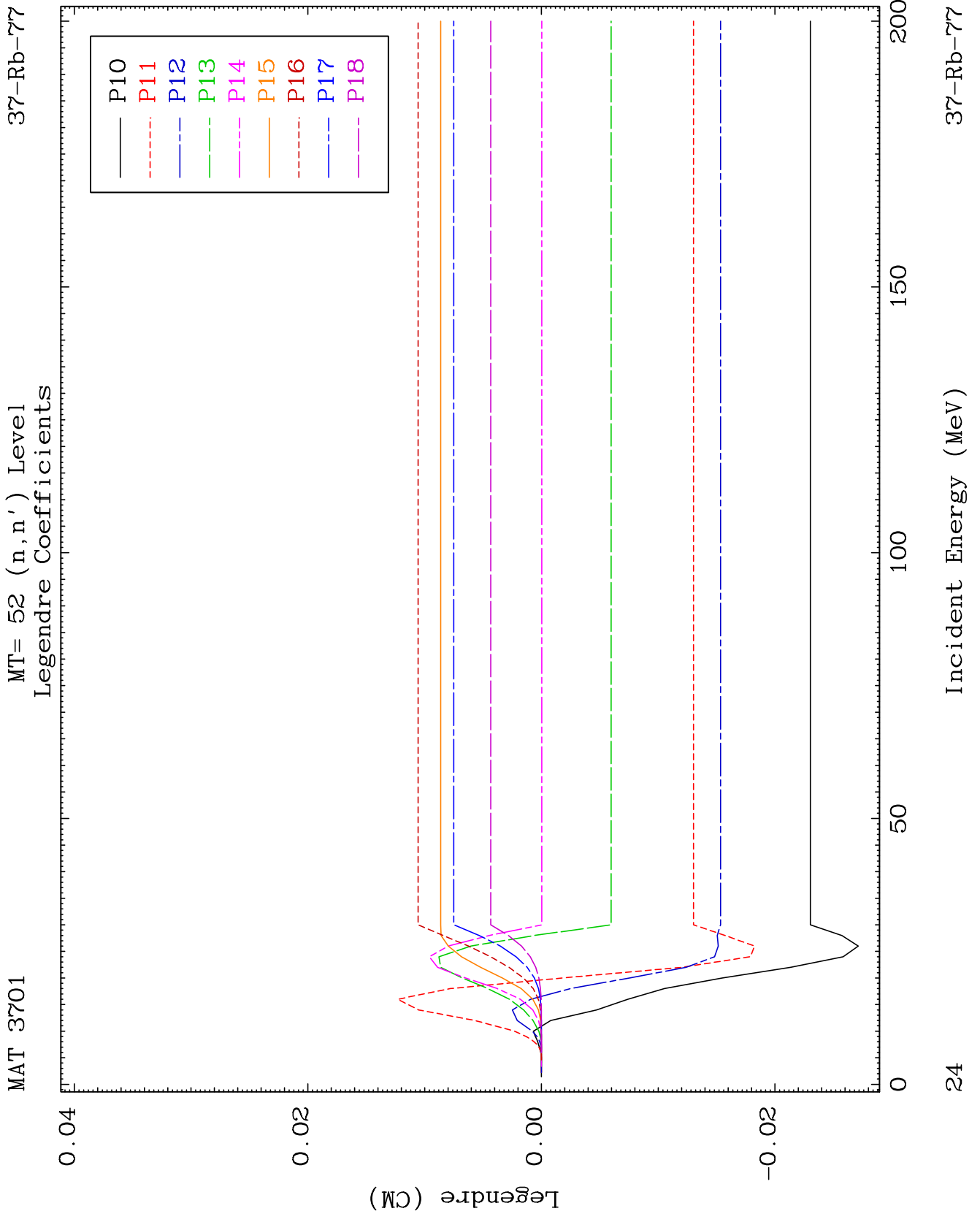
37-Rb-77



23

Incident Energy (MeV)

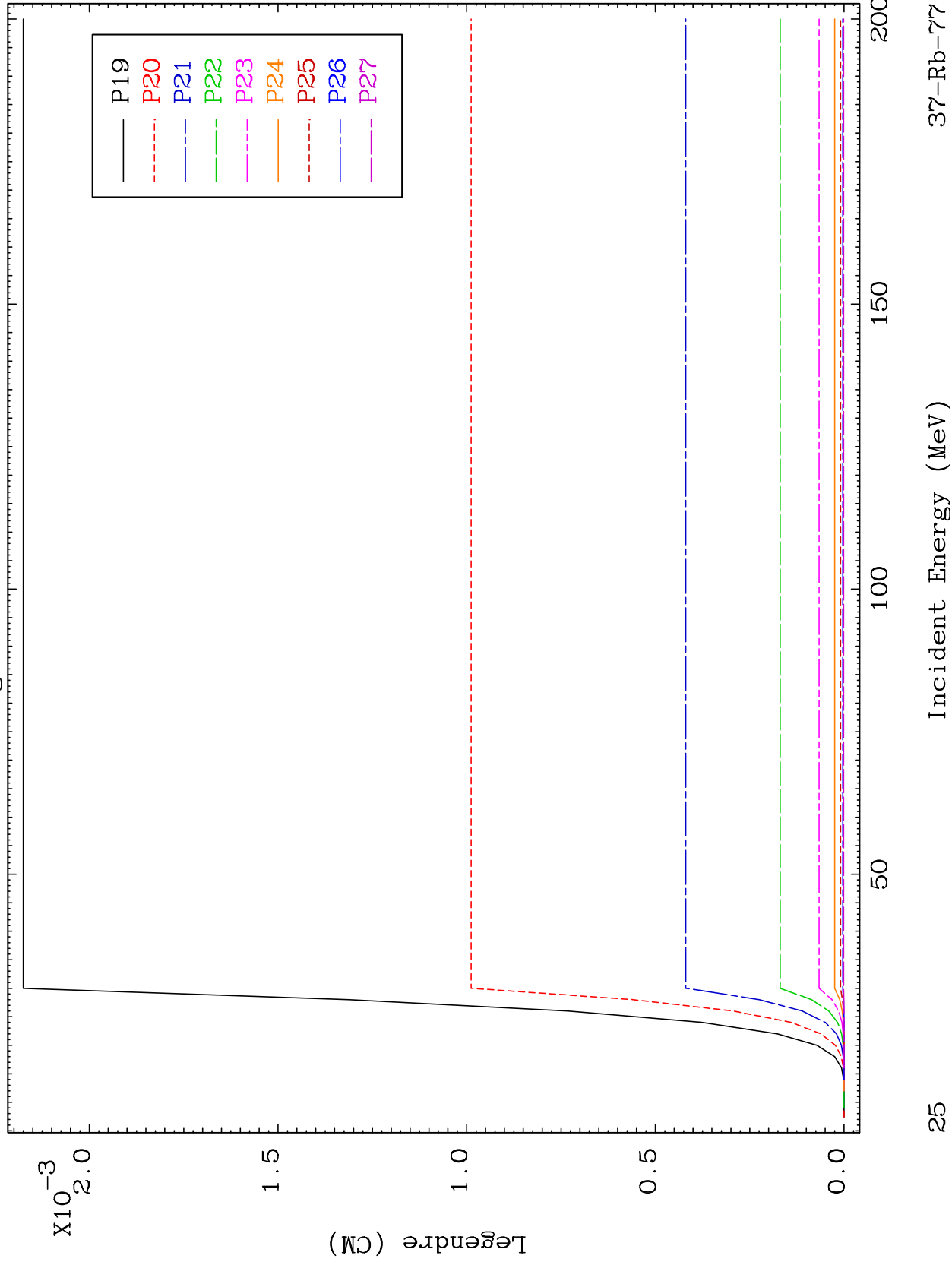
37-Rb-77



MAT 3701

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

37-Rb-77



25

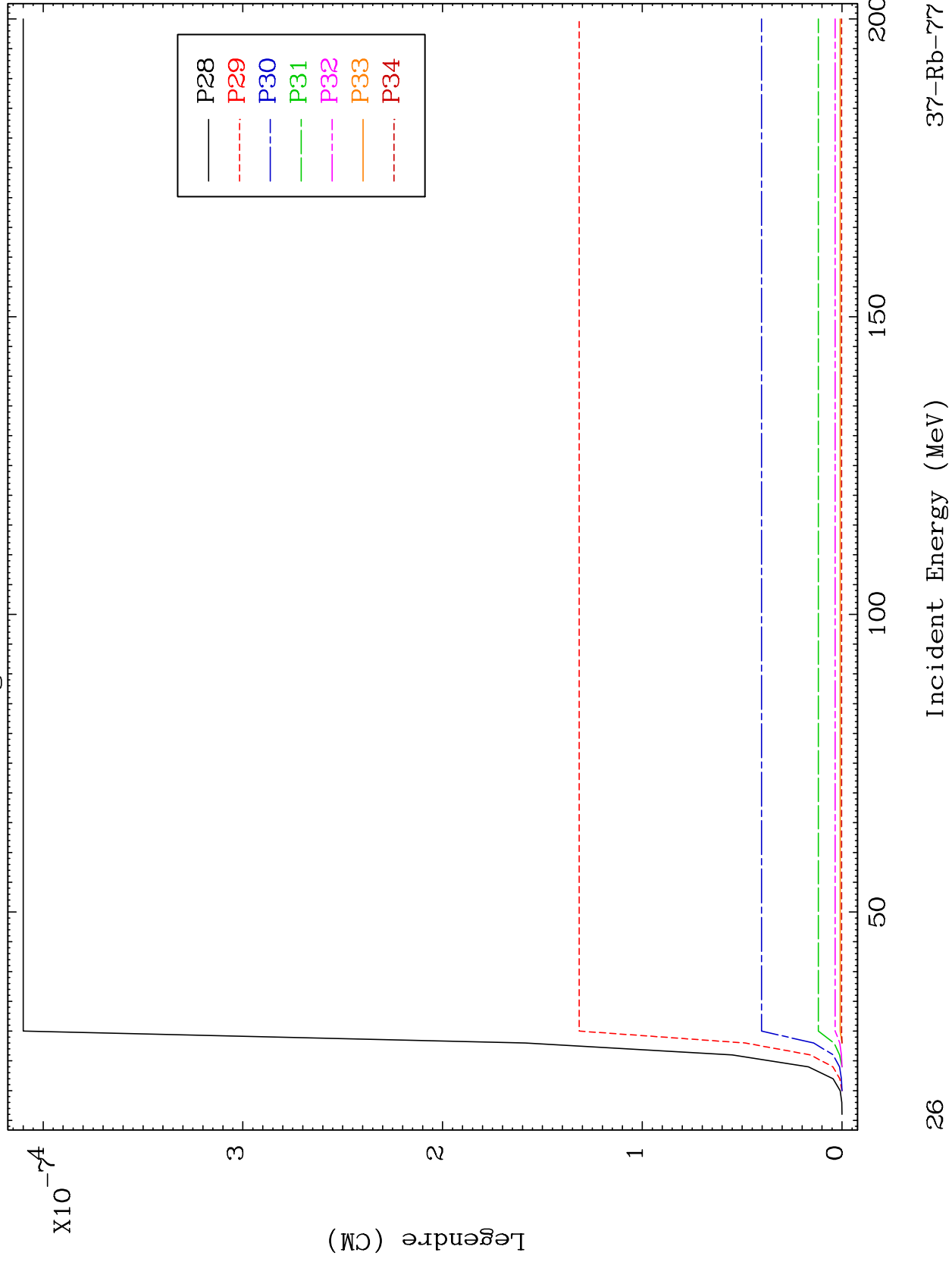
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



26

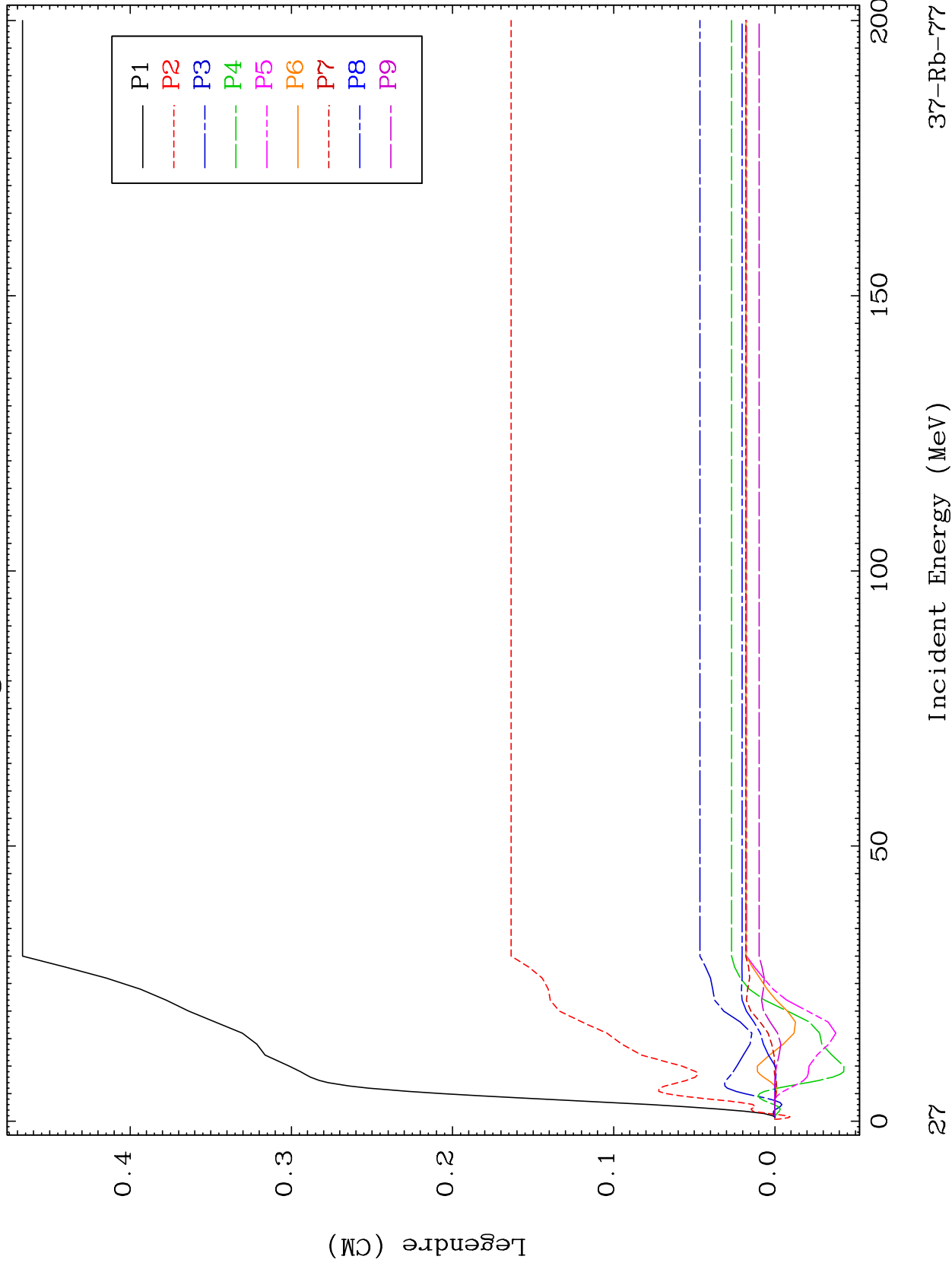
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



37-Rb-77

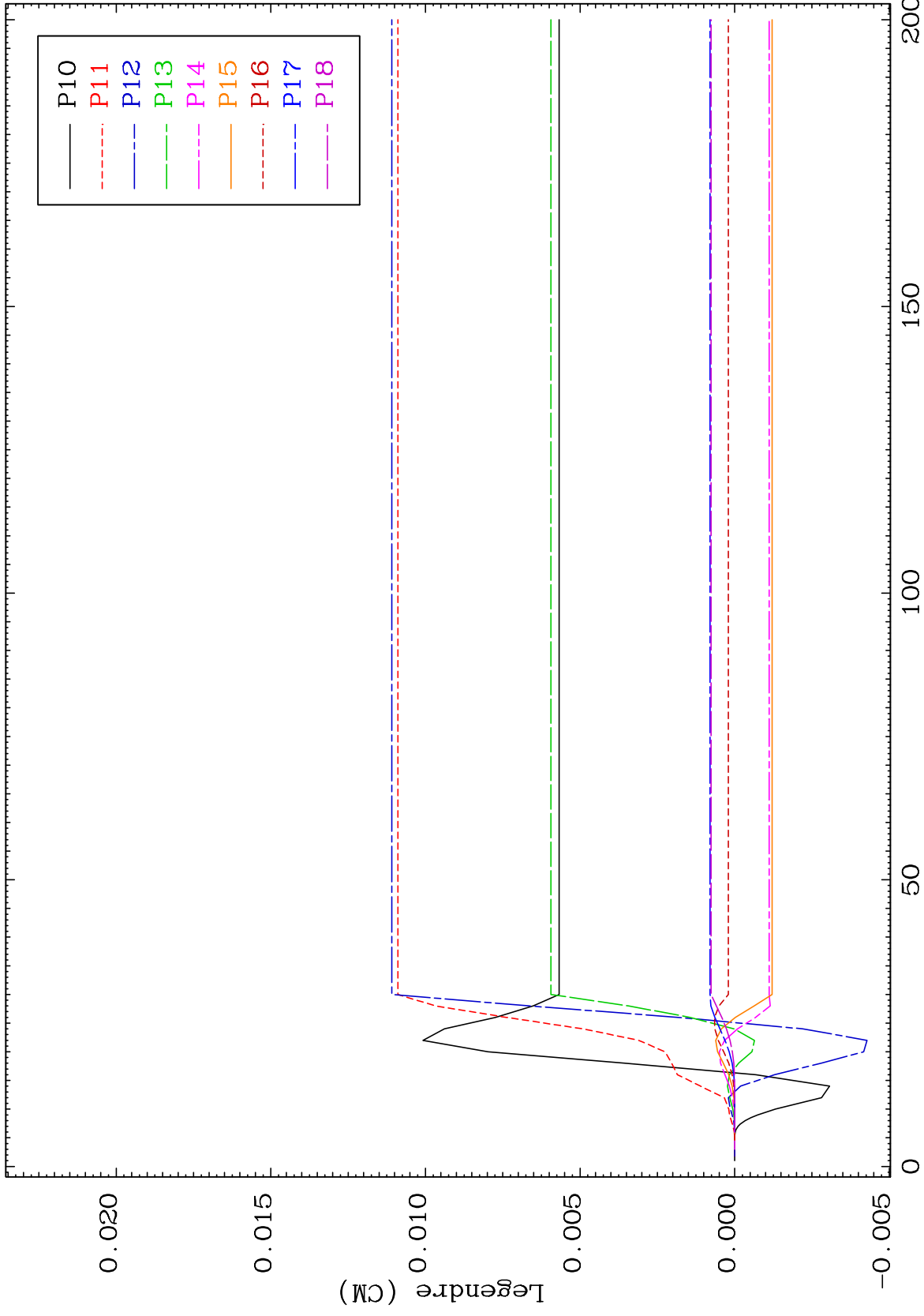
Incident Energy (MeV)

27

MAT 3701

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

37-Rb-77



28

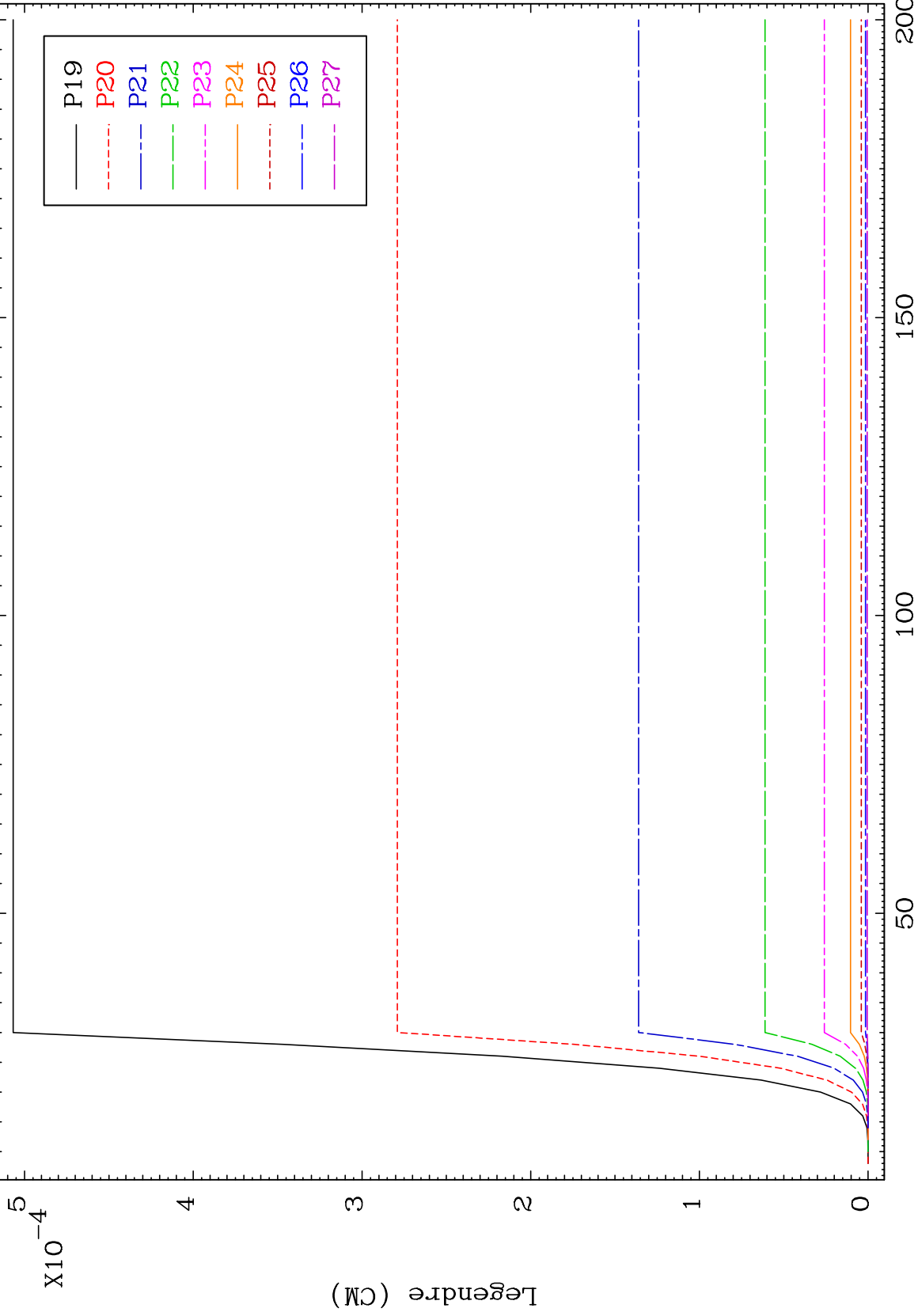
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

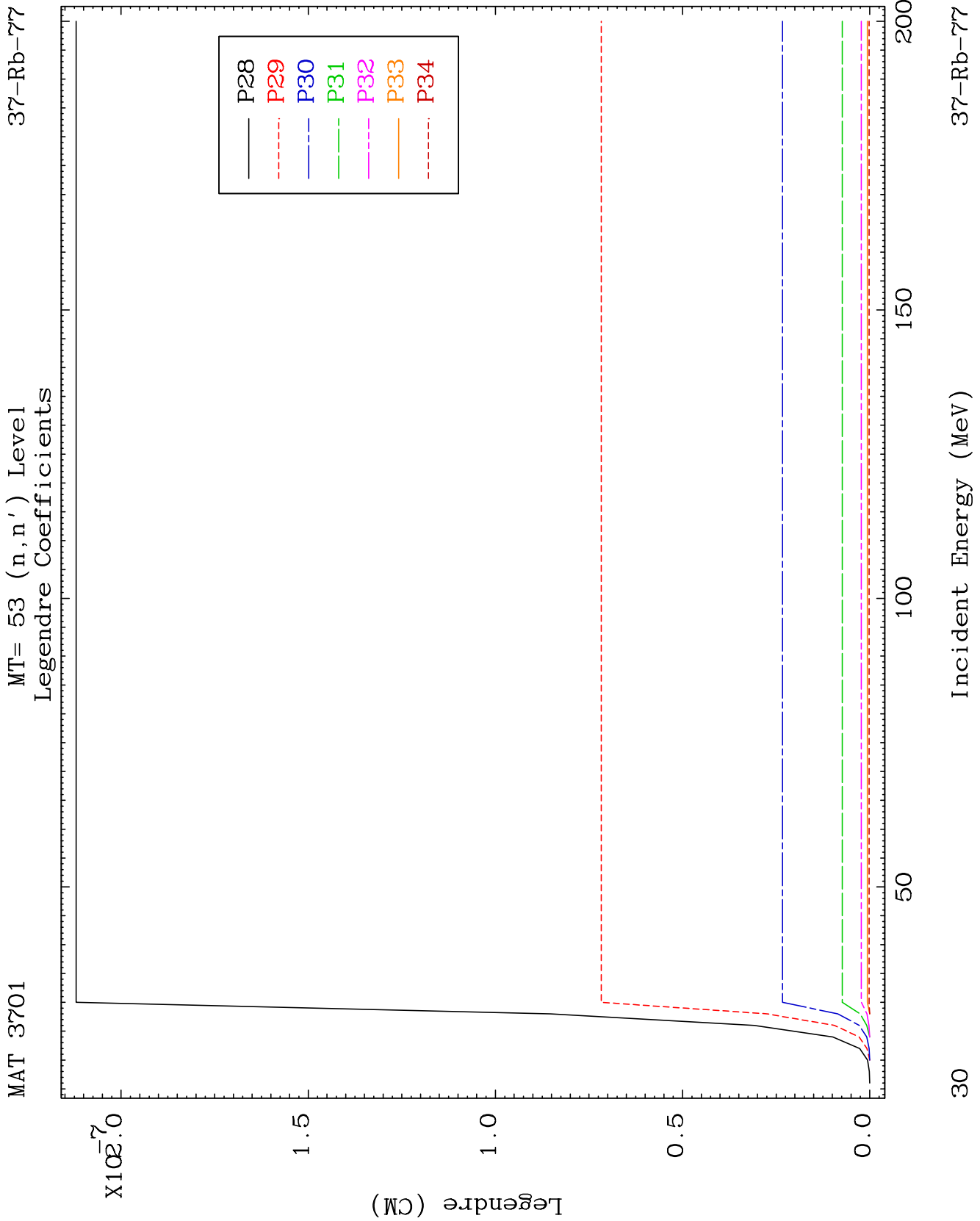
37-Rb-77



29

Incident Energy (MeV)

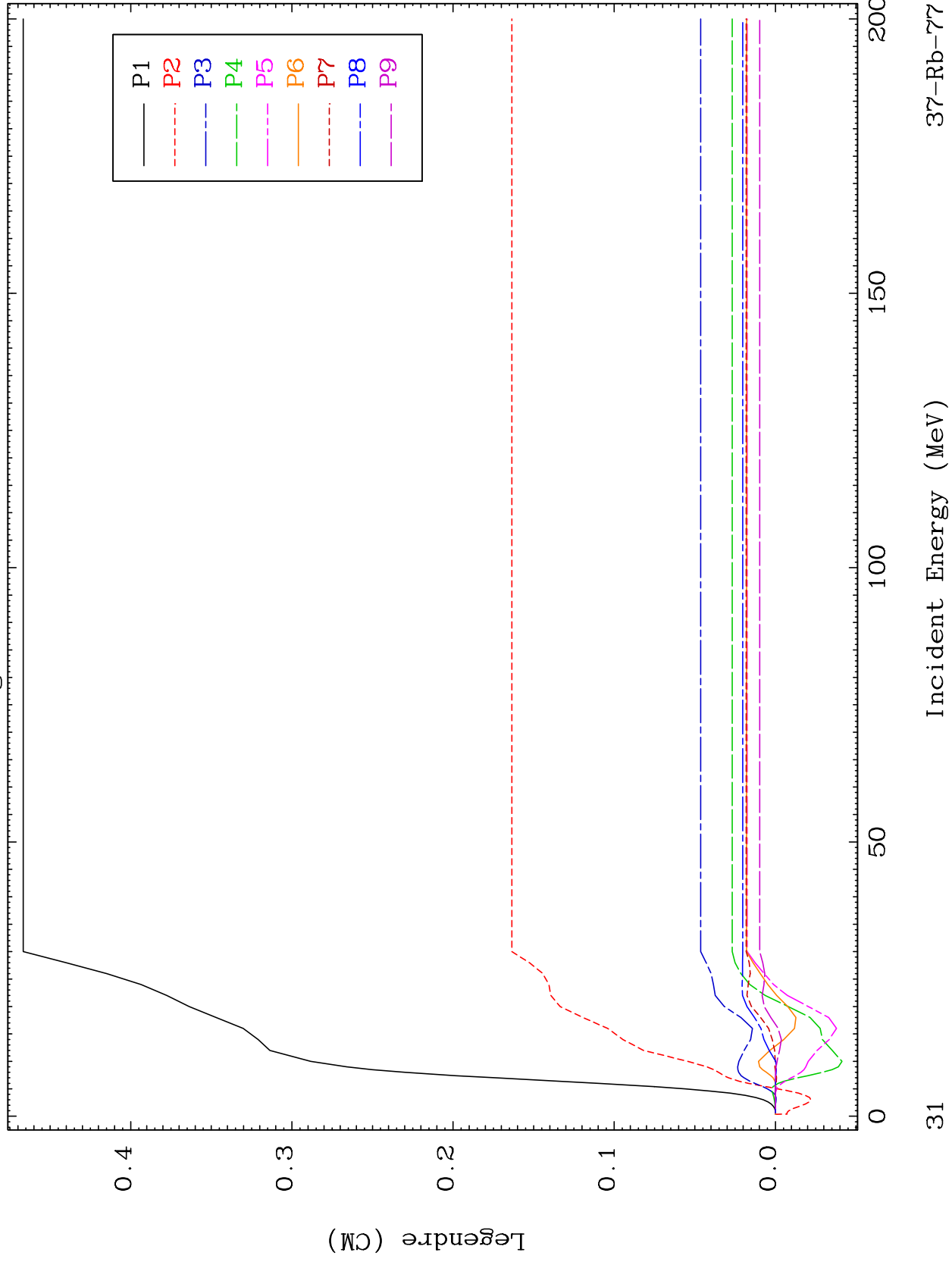
37-Rb-77



MAT 3701

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

37-Rb-77



37-Rb-77

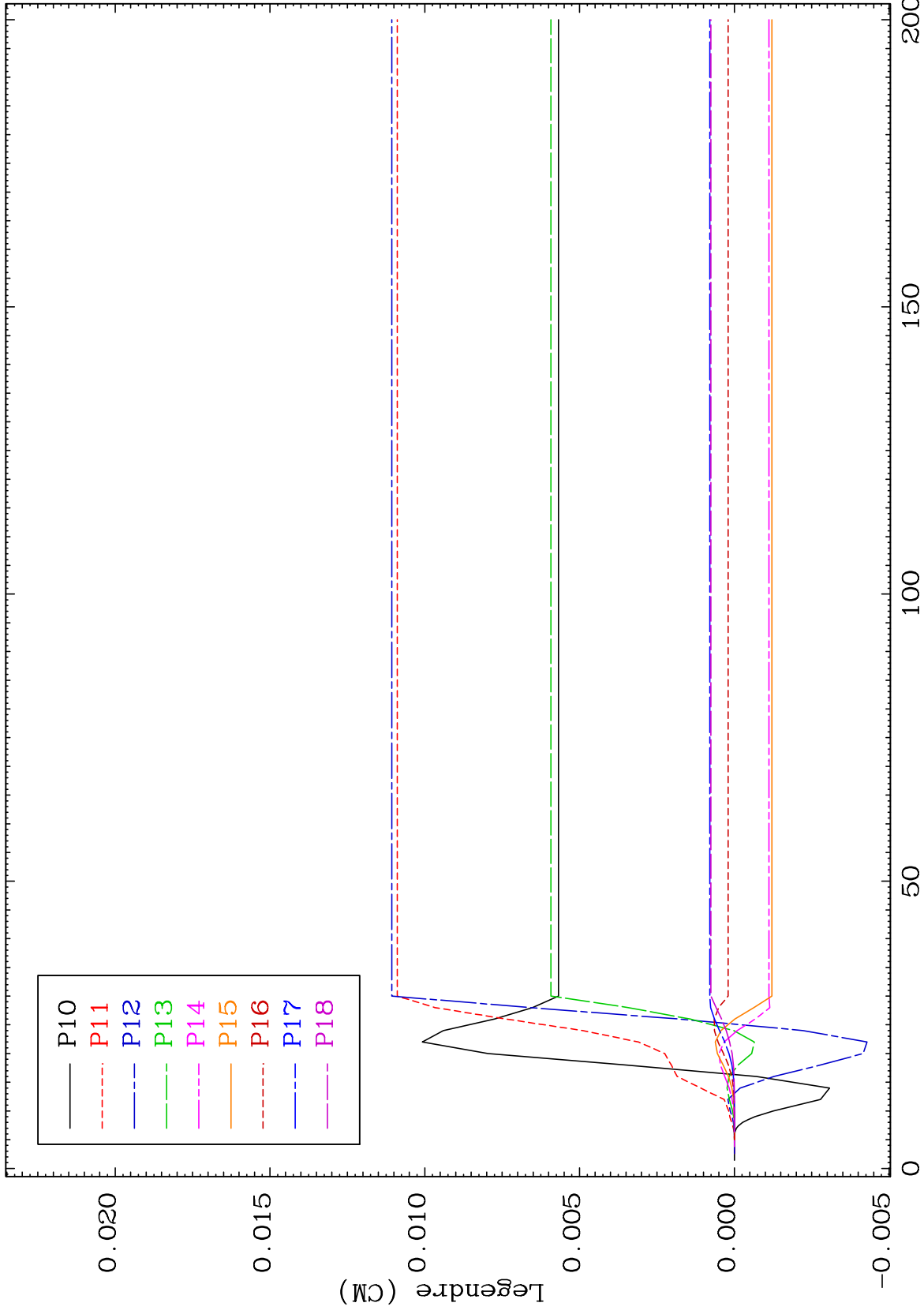
Incident Energy (MeV)

31

MAT 3701

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

37-Rb-77



32

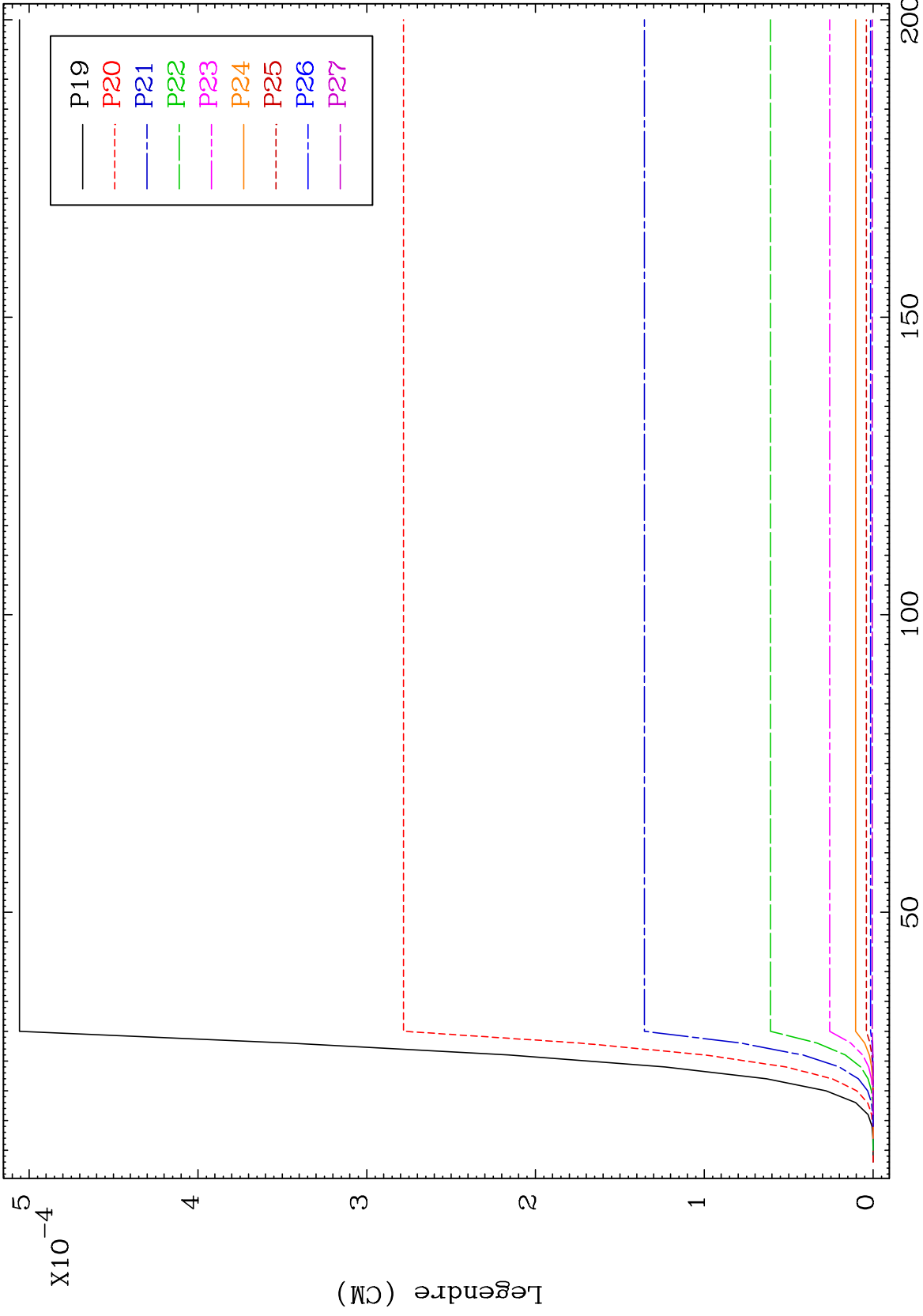
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



33

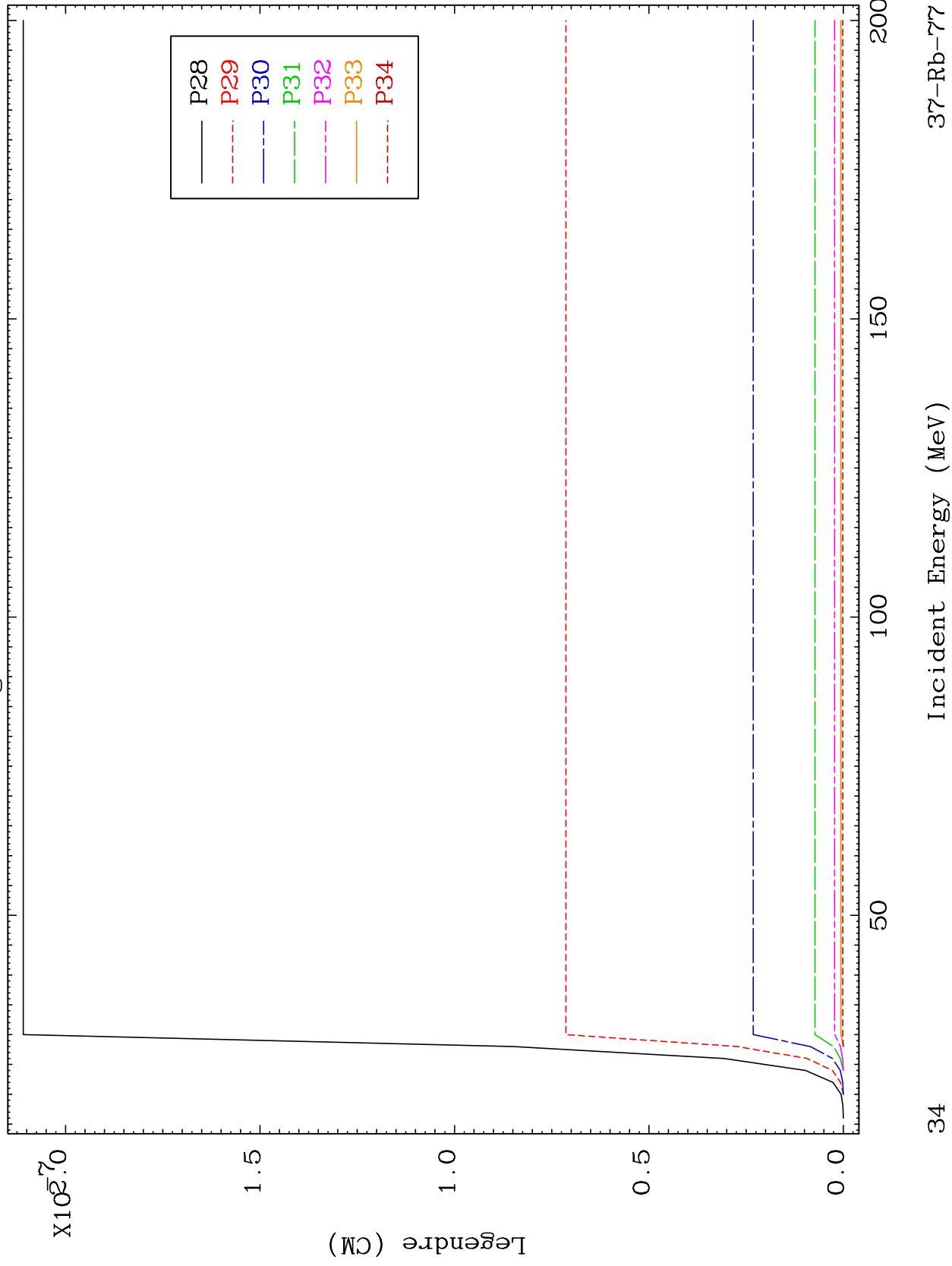
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

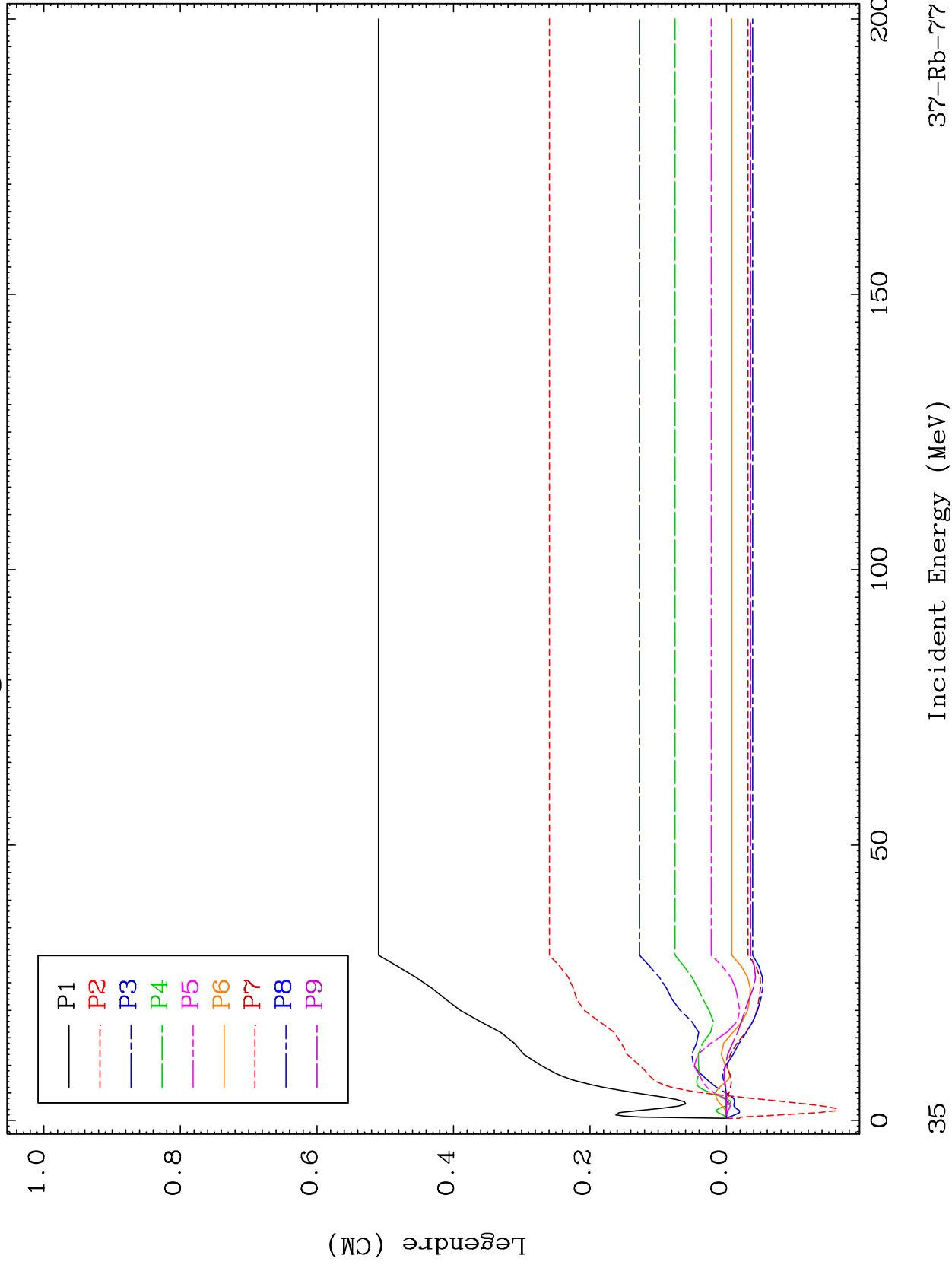
37-Rb-77



MAT 3701

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

37-Rb-77



37-Rb-77

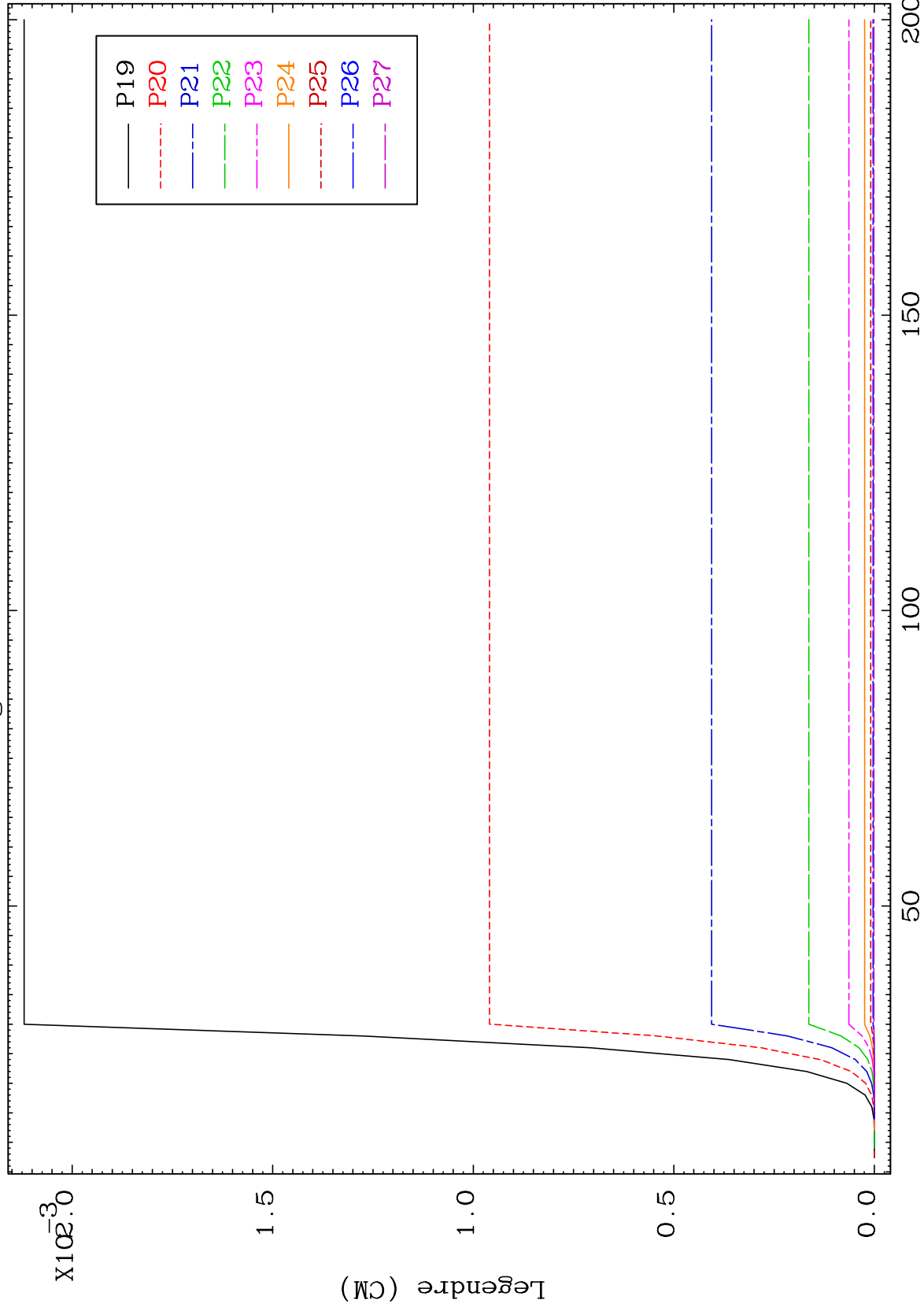
Incident Energy (MeV)

35

MAT 3701

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

37-Rb-77



37

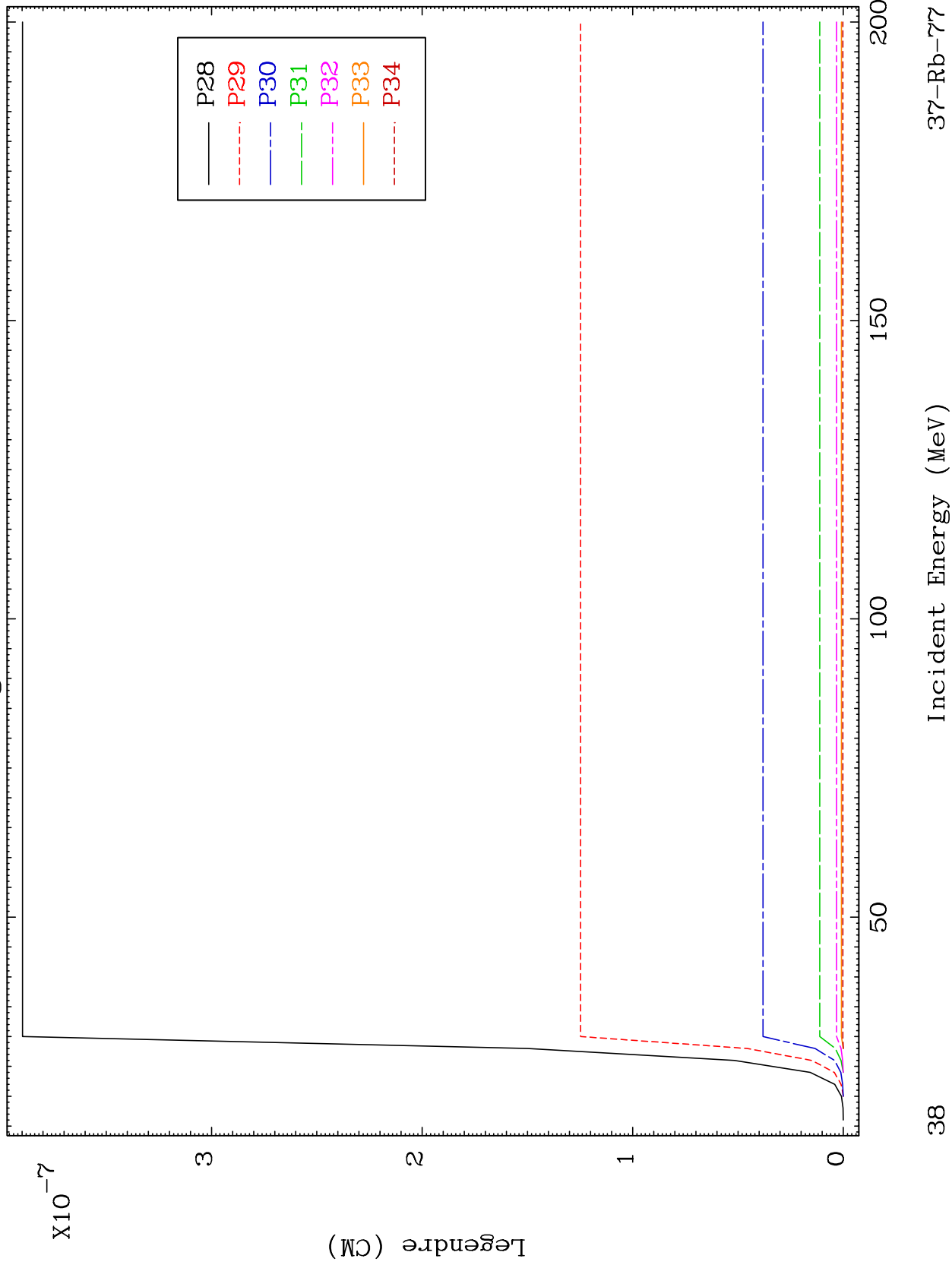
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

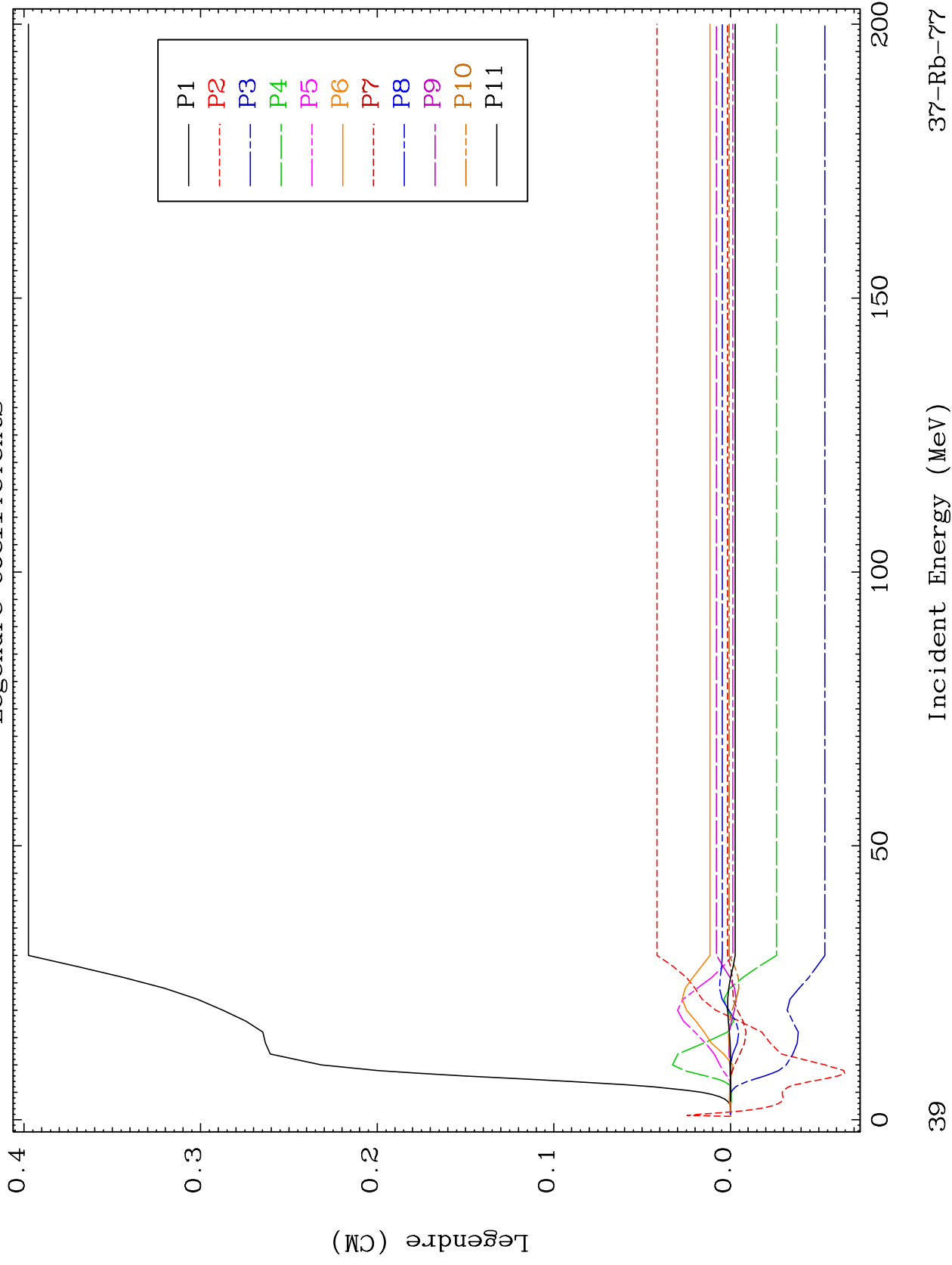
37-Rb-77



MAT 3701

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

37-Rb-77



37-Rb-77

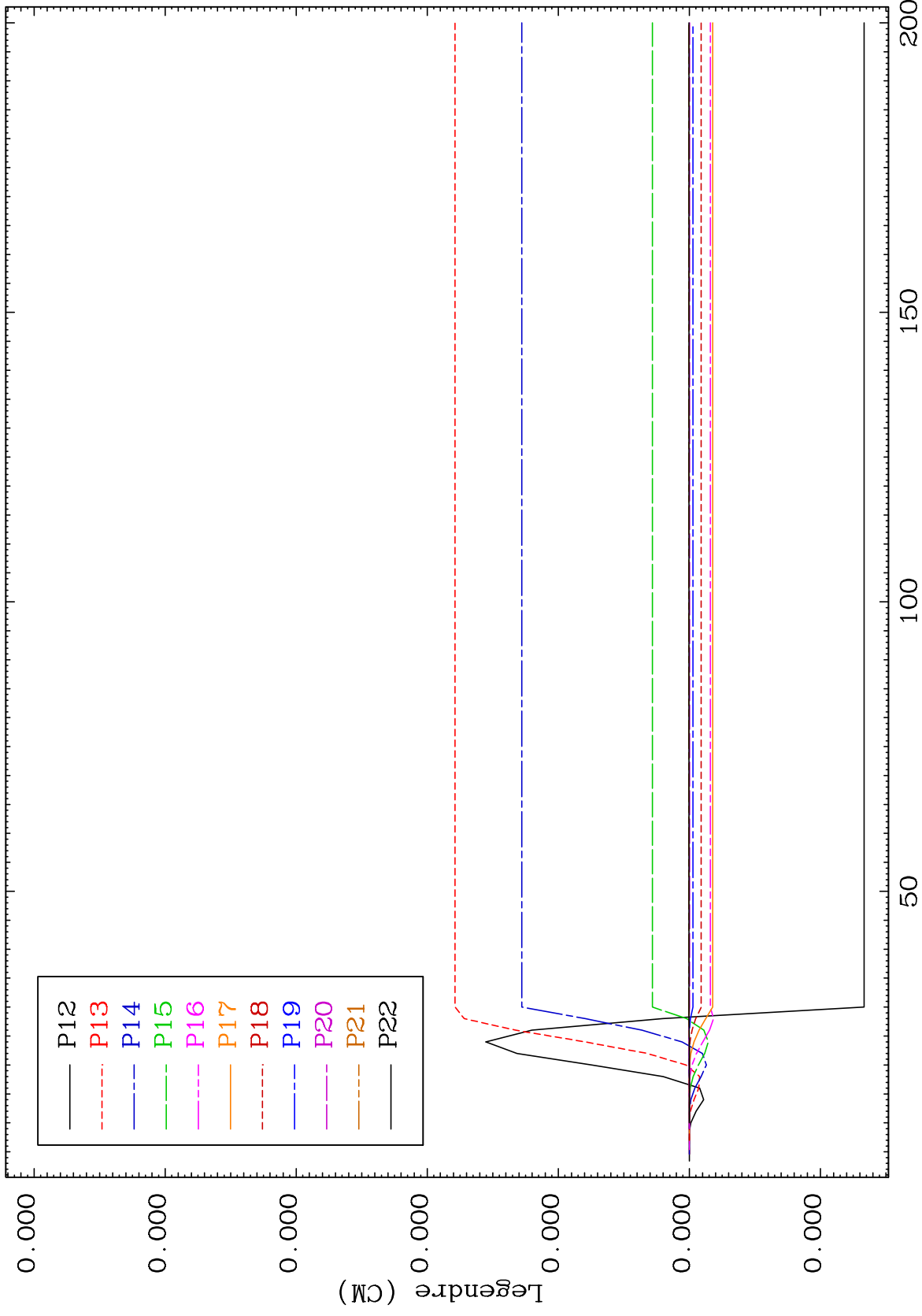
Incident Energy (MeV)

39

MAT 3701

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

37-Rb-77



40

Incident Energy (MeV)

50

100

150

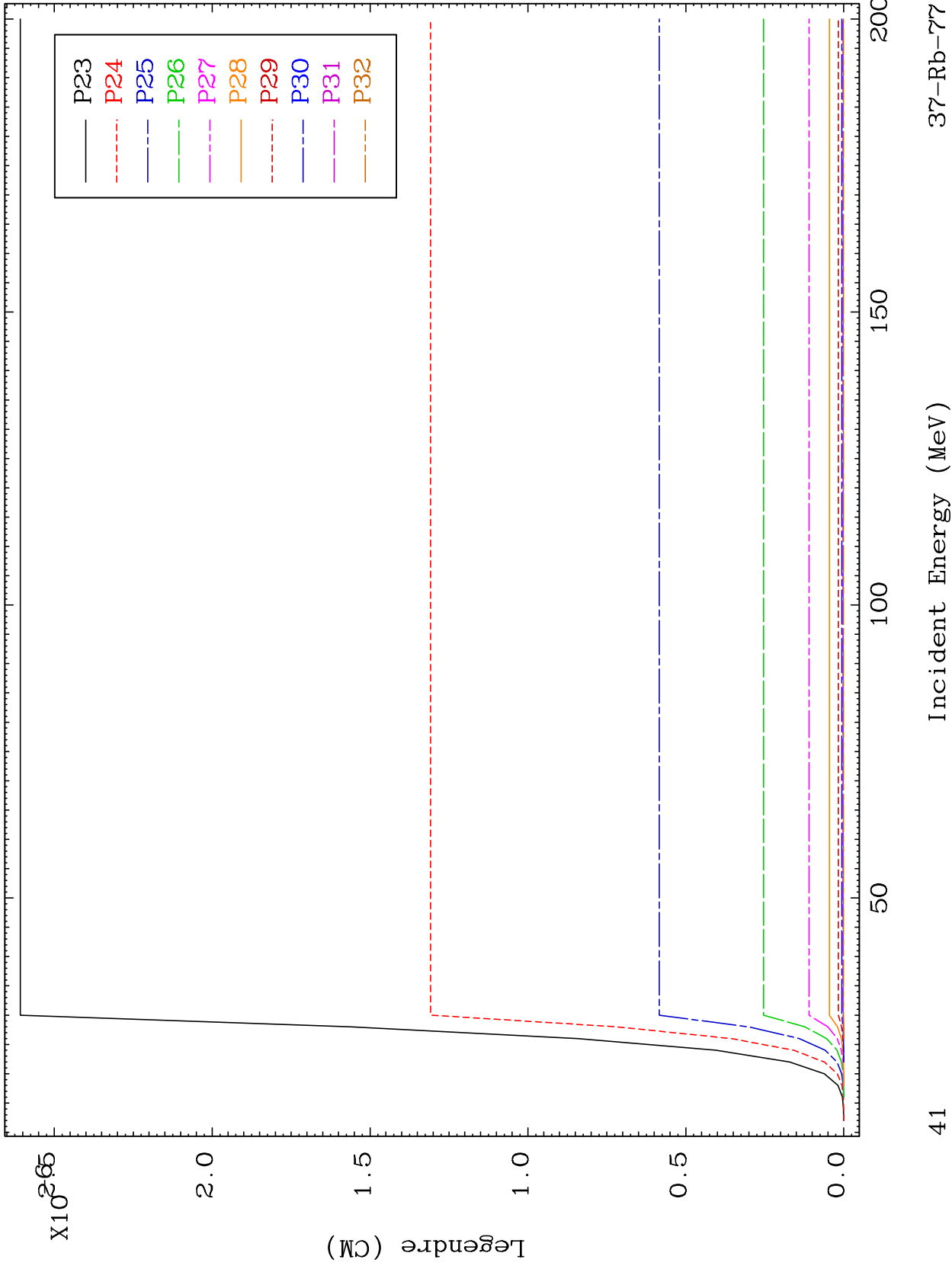
200

37-Rb-77

MAT 3701

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

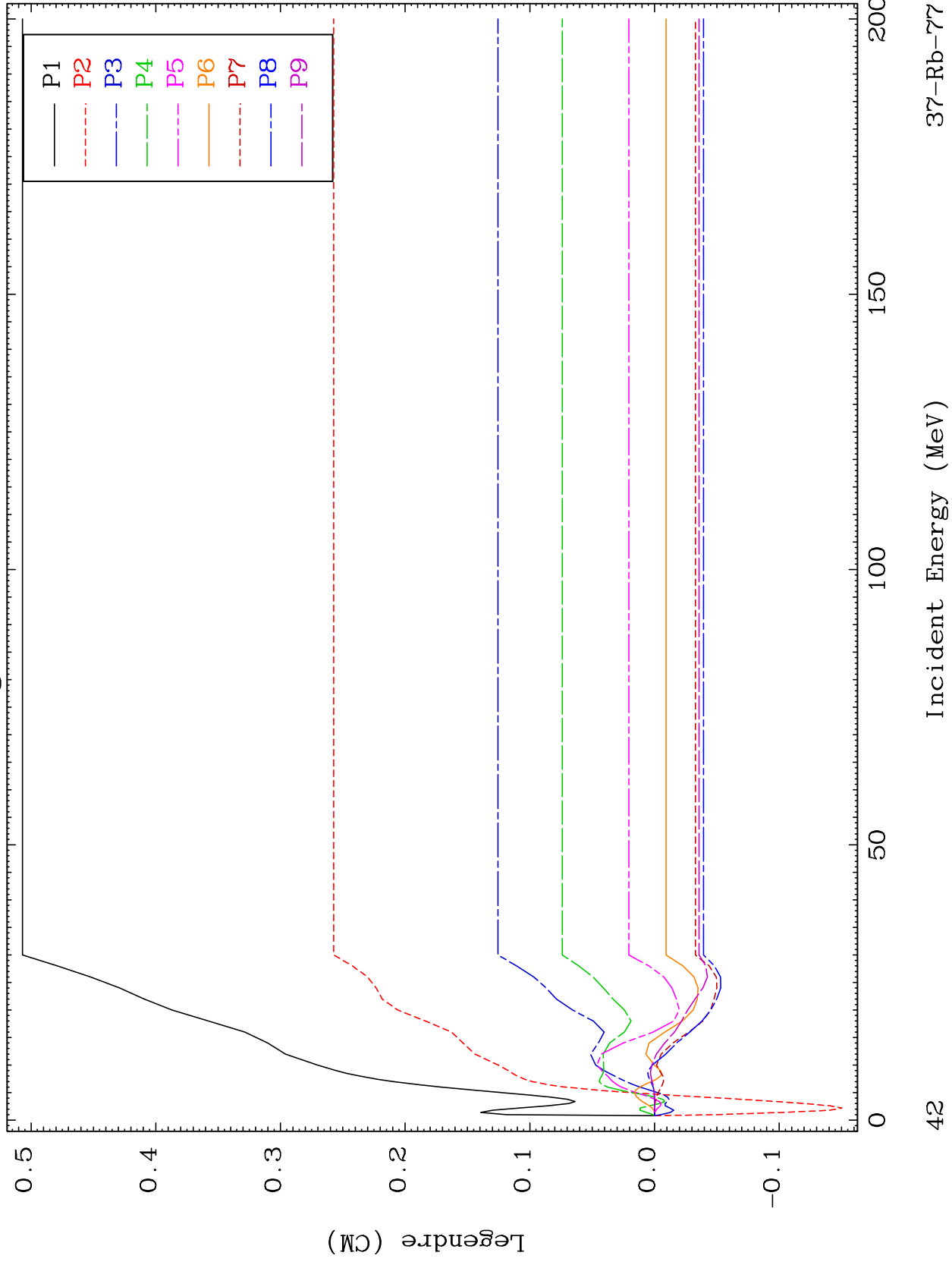
37-Rb-77



MAT 3701

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

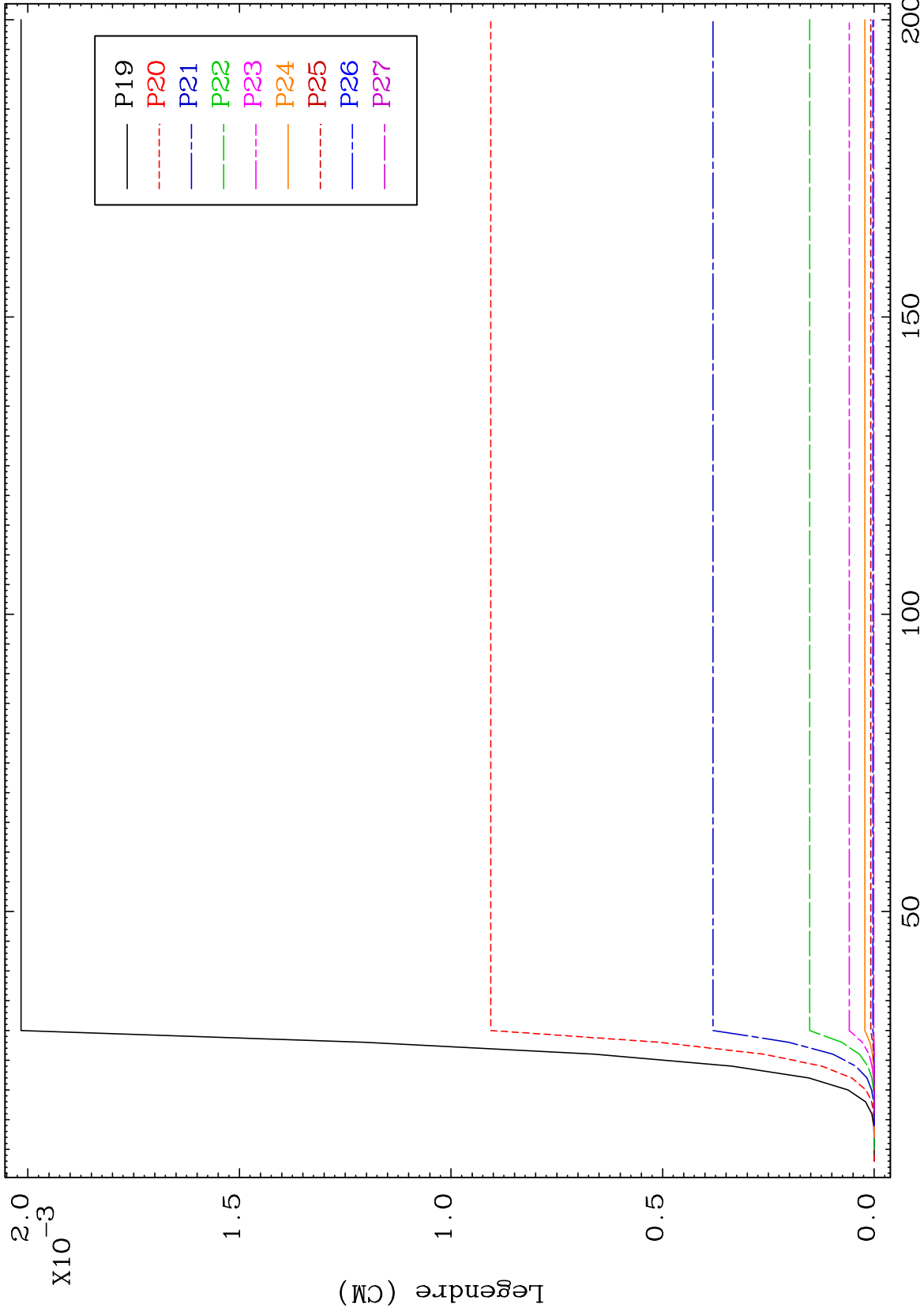
37-Rb-77



MAT 3701

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

37-Rb-77



44

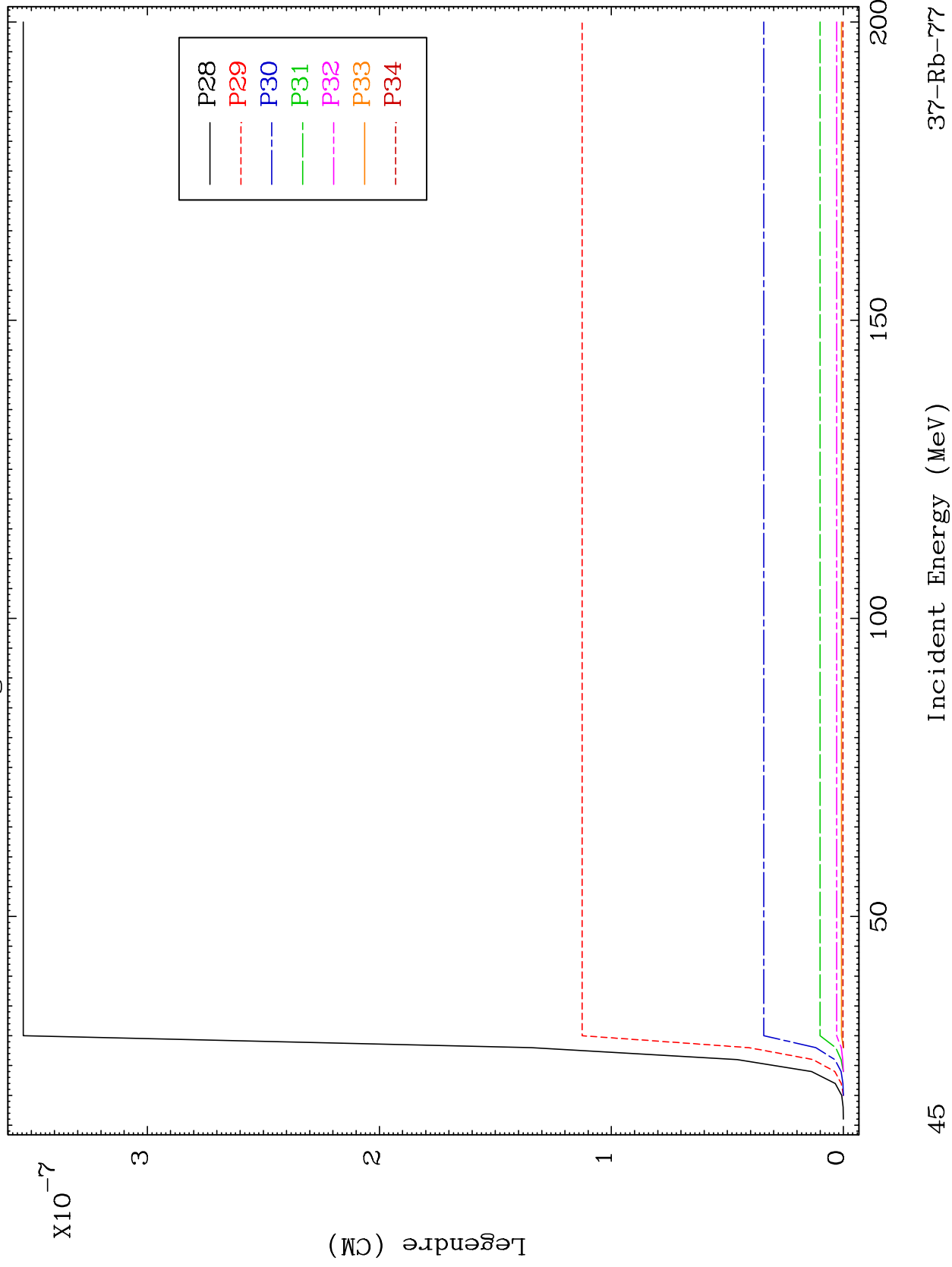
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



37-Rb-77

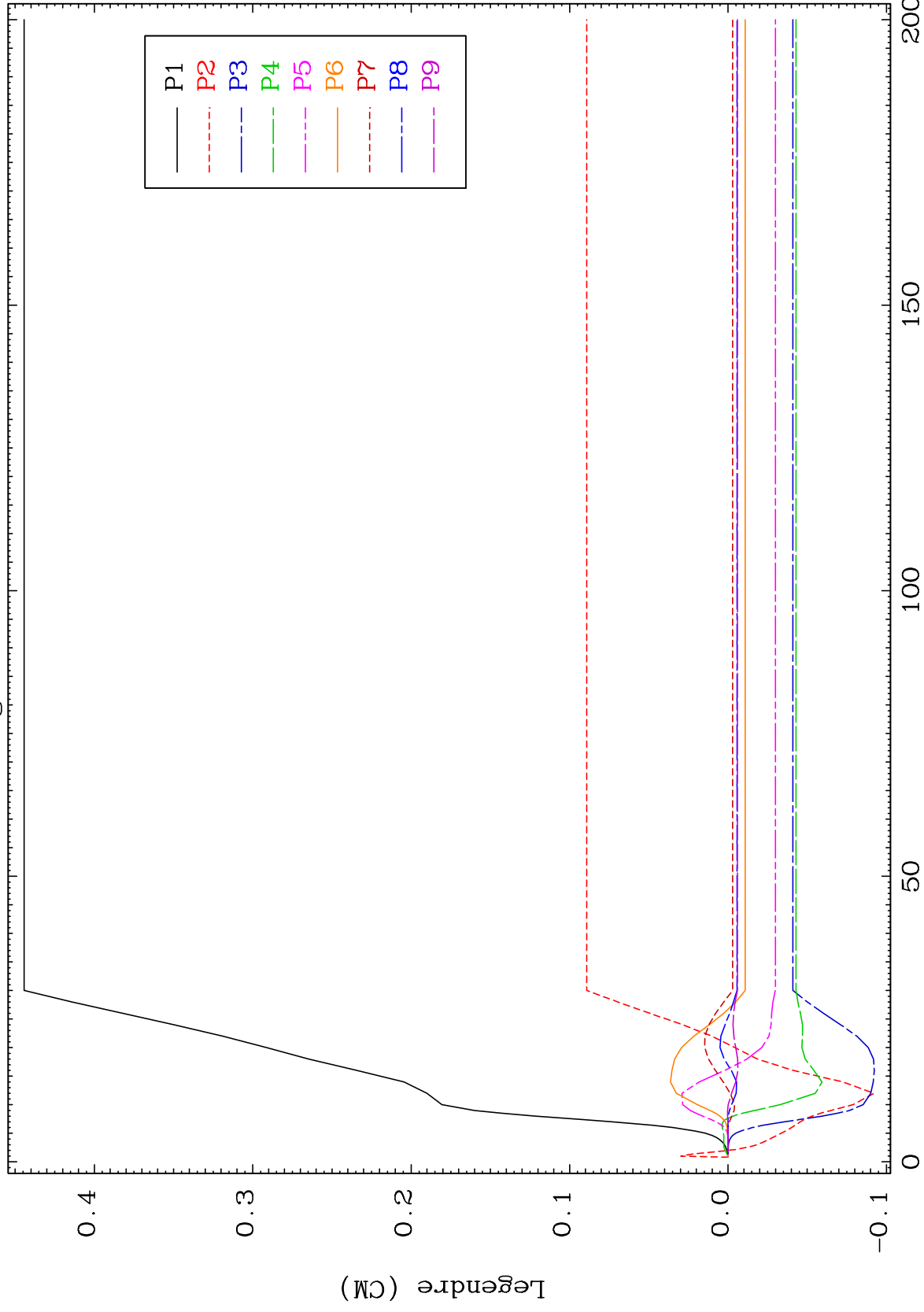
Incident Energy (MeV)

45

MAT 3701

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

37-Rb-77



46

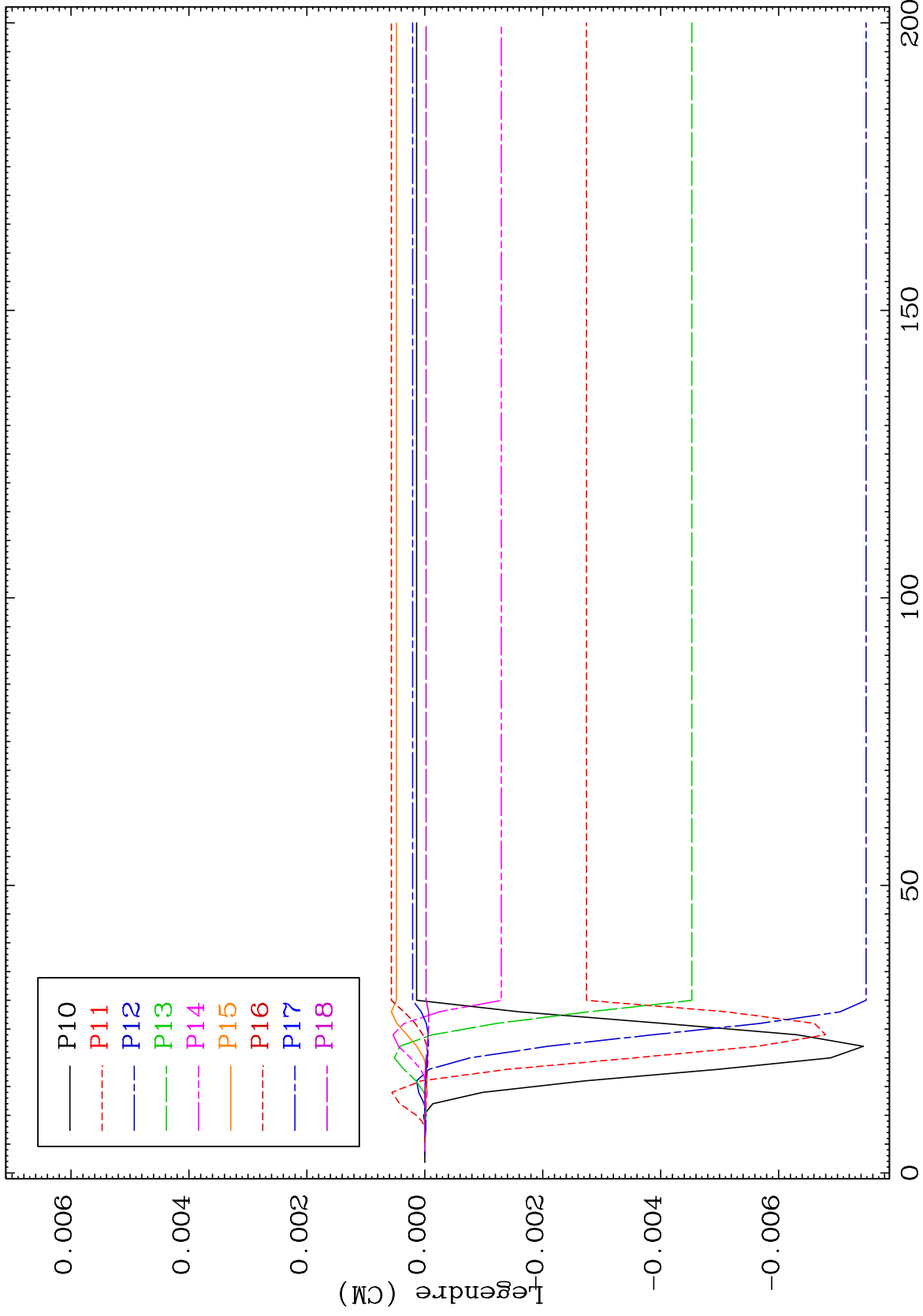
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



47

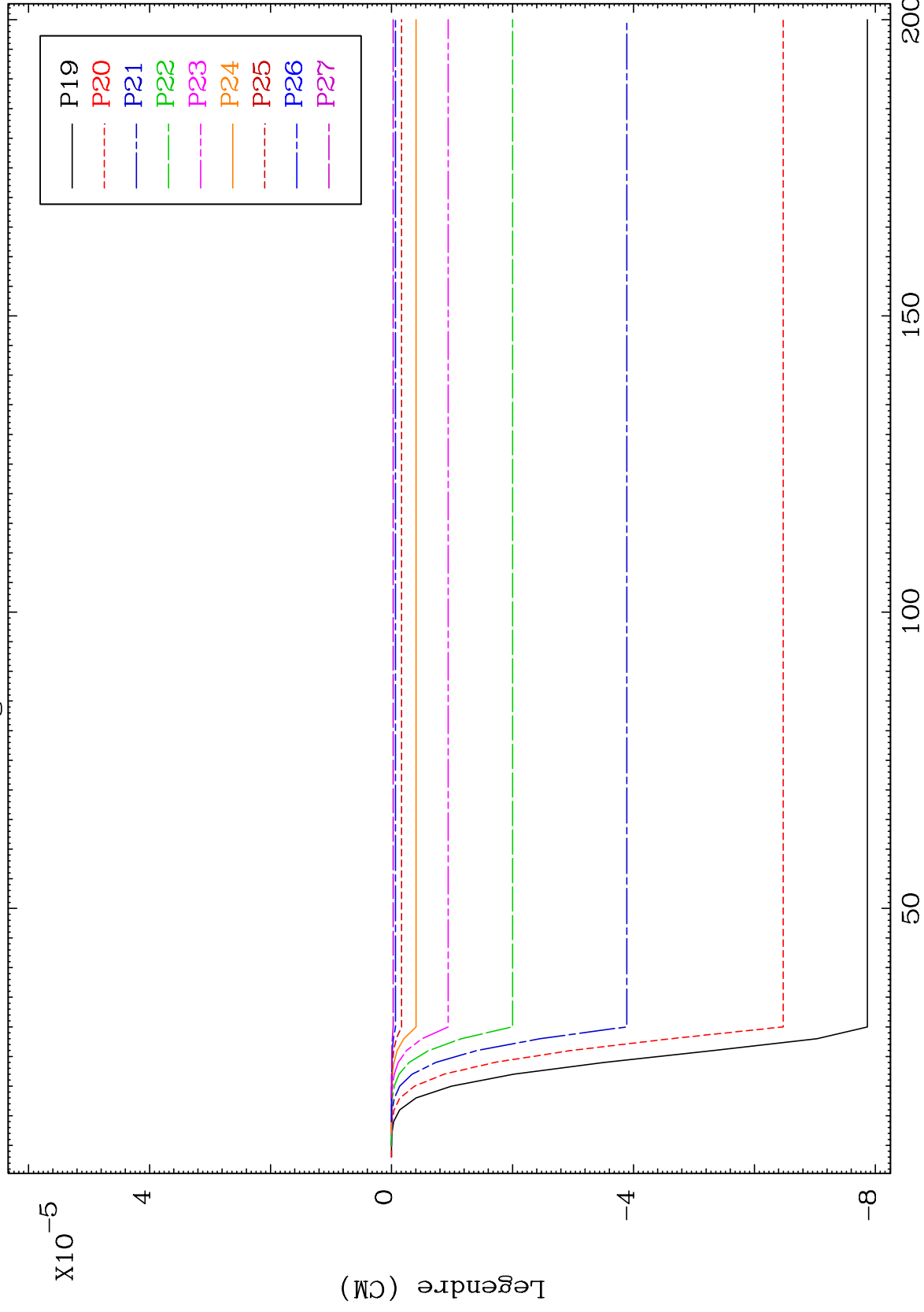
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



48

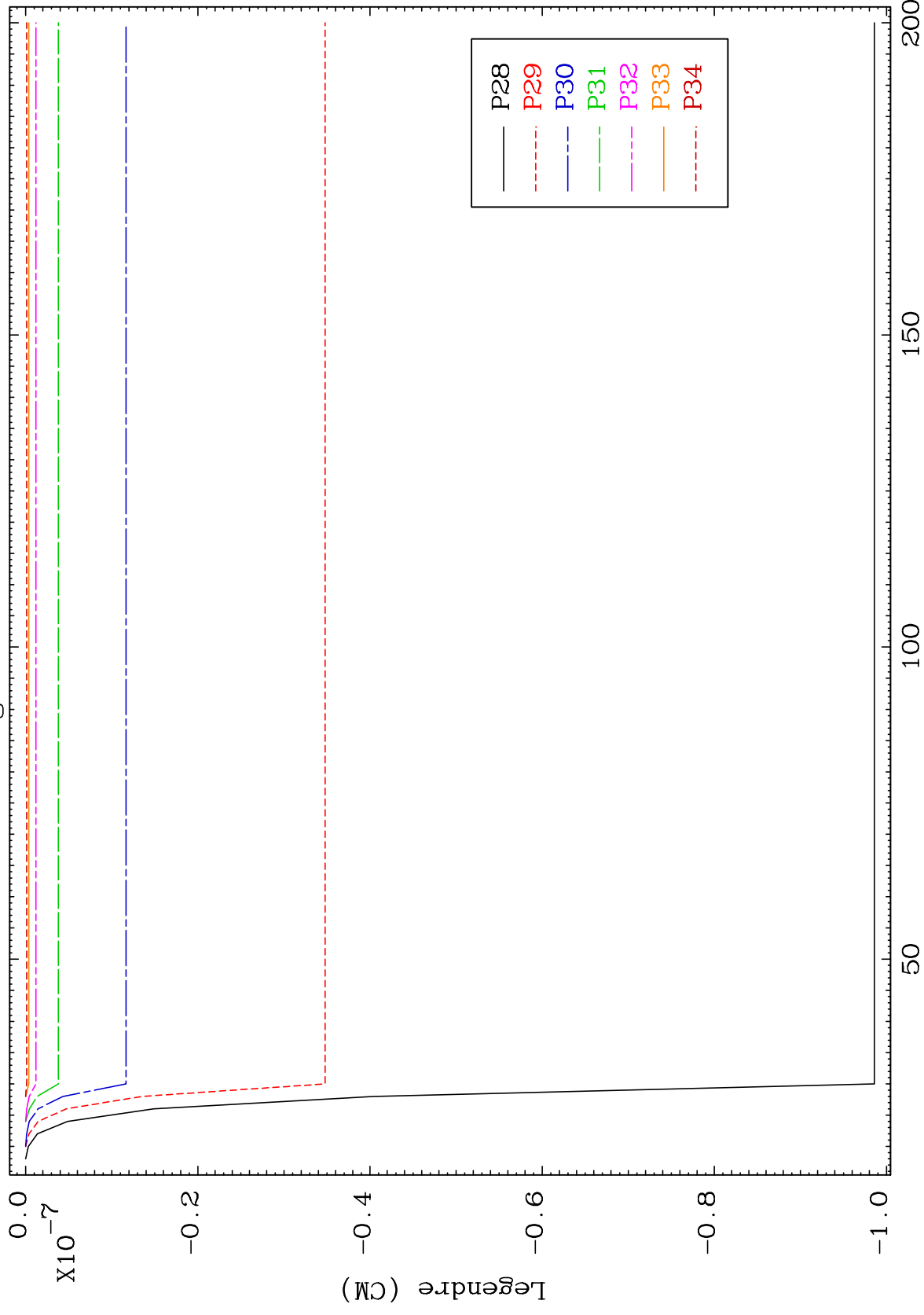
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

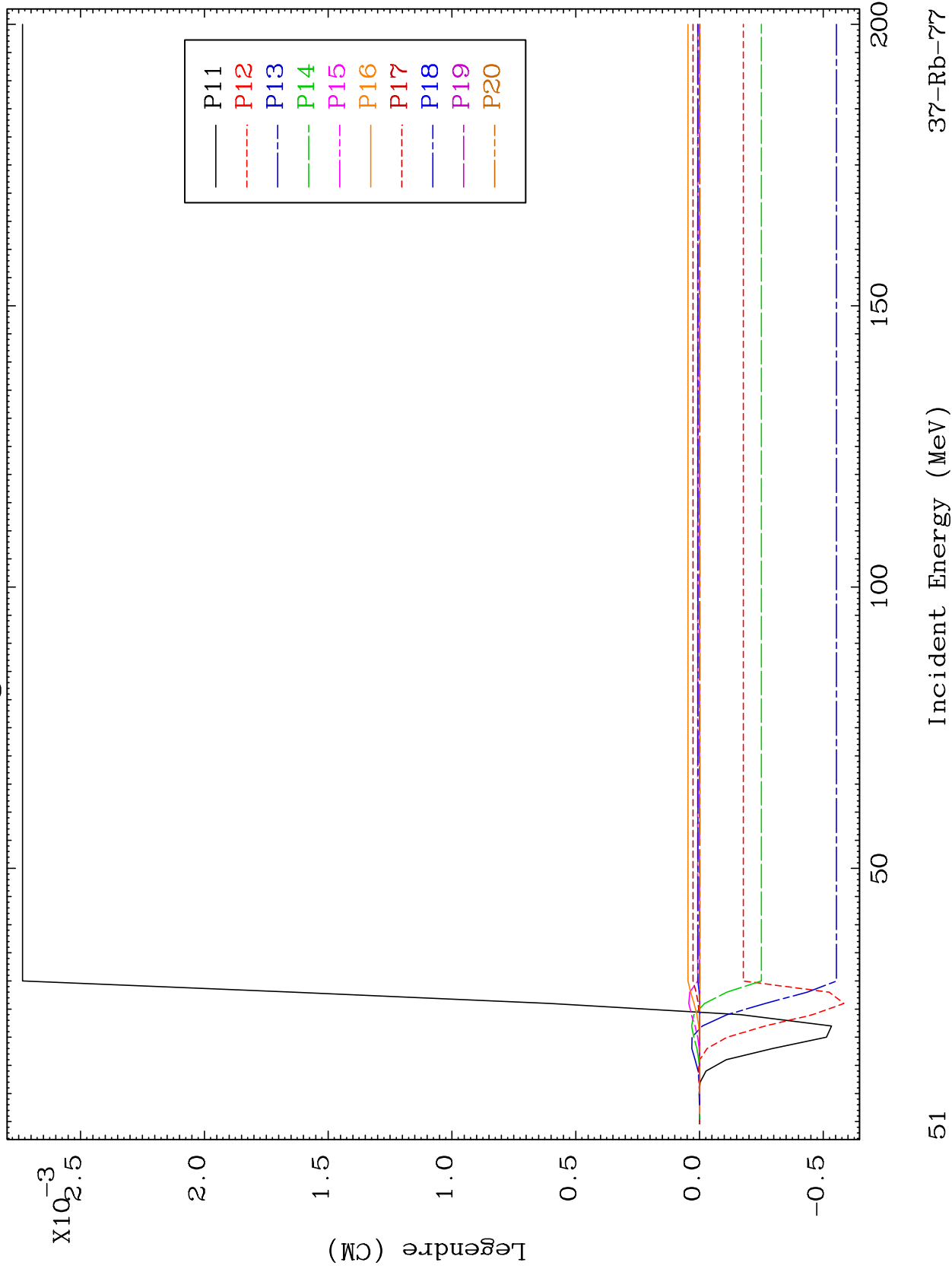
37-Rb-77



49

Incident Energy (MeV)

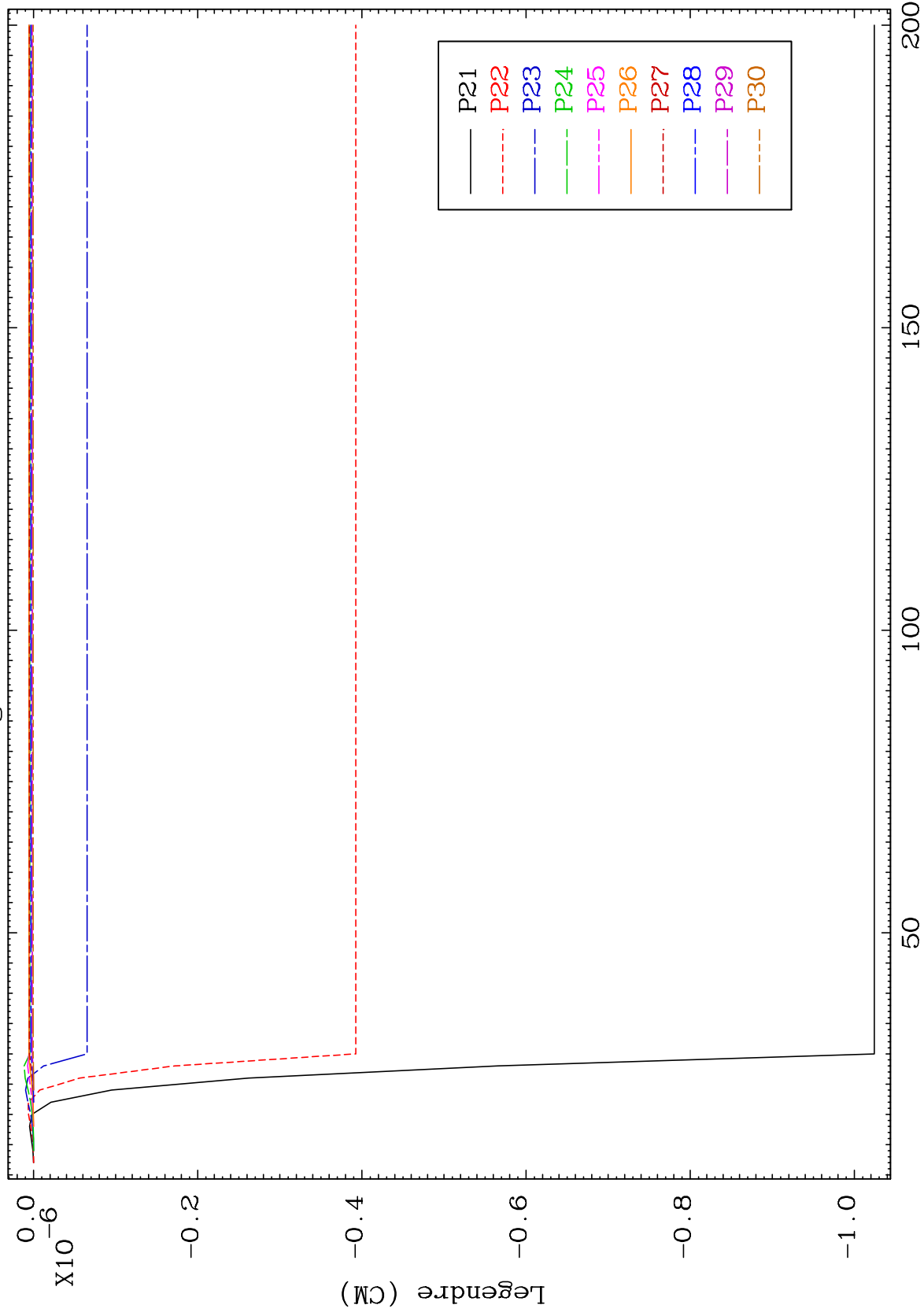
37-Rb-77



MAT 3701

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

37-Rb-77



52

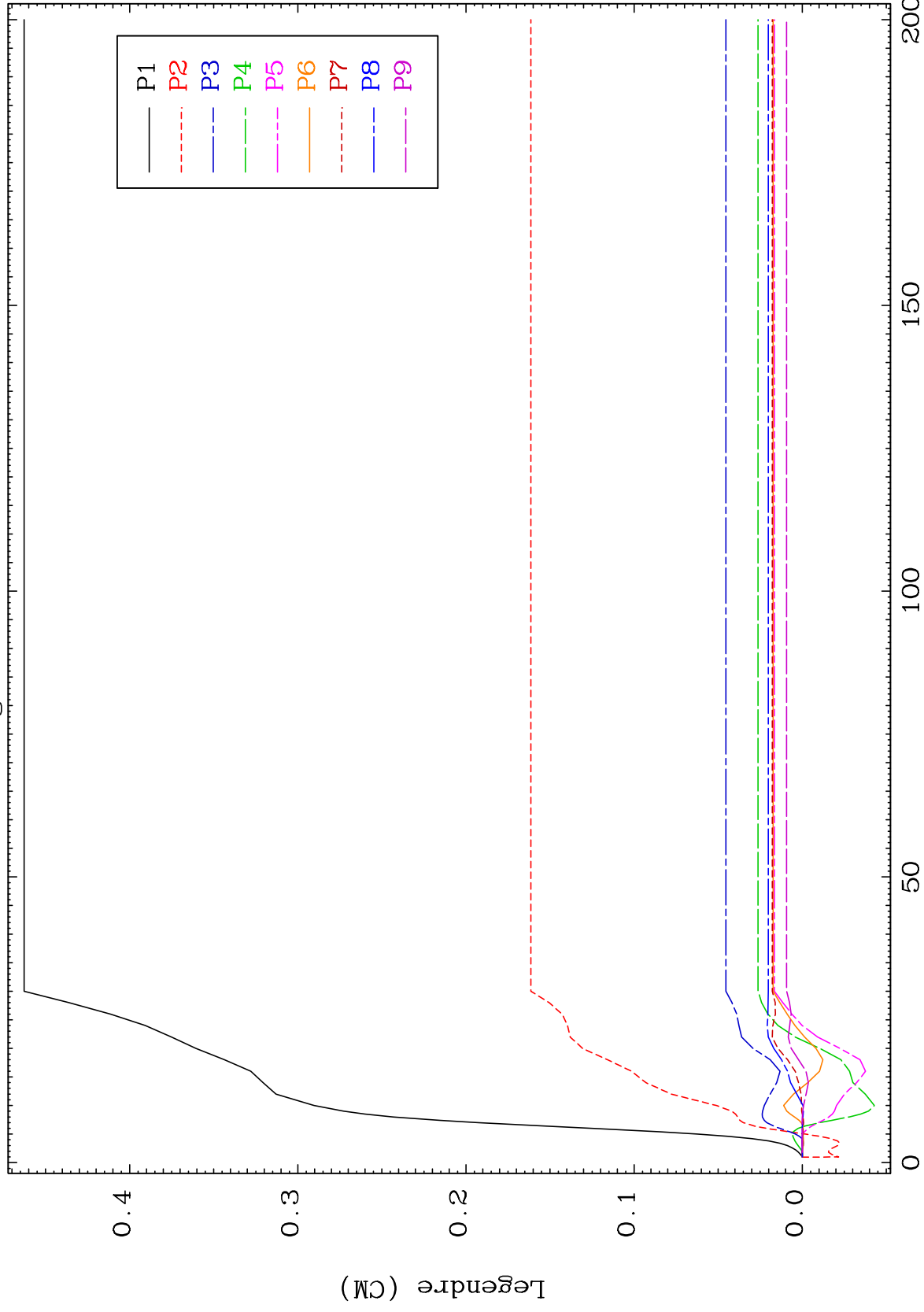
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

³⁷Rb-77



53

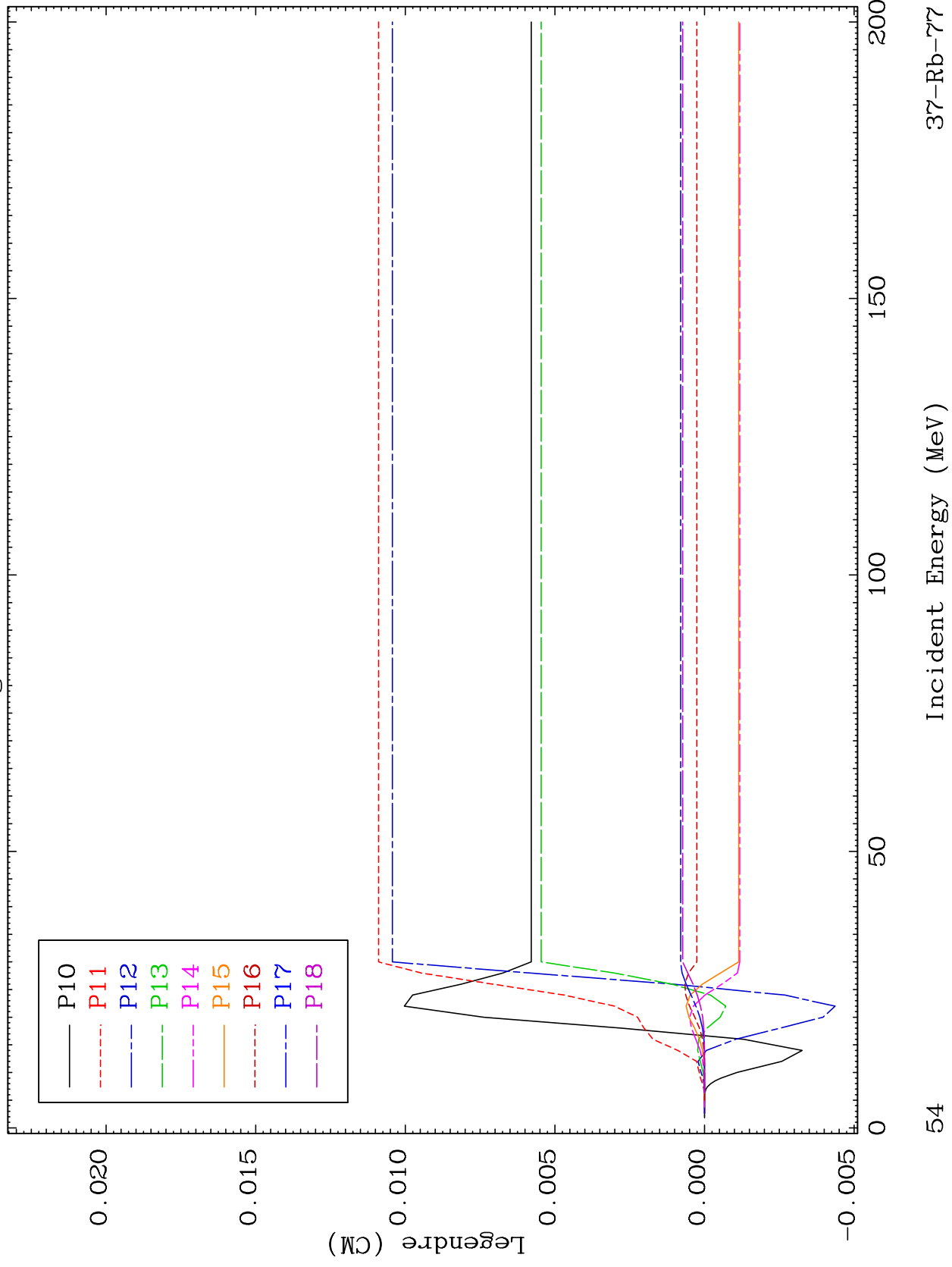
Incident Energy (MeV)

³⁷Rb-77

MAT 3701

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

37-Rb-77



54

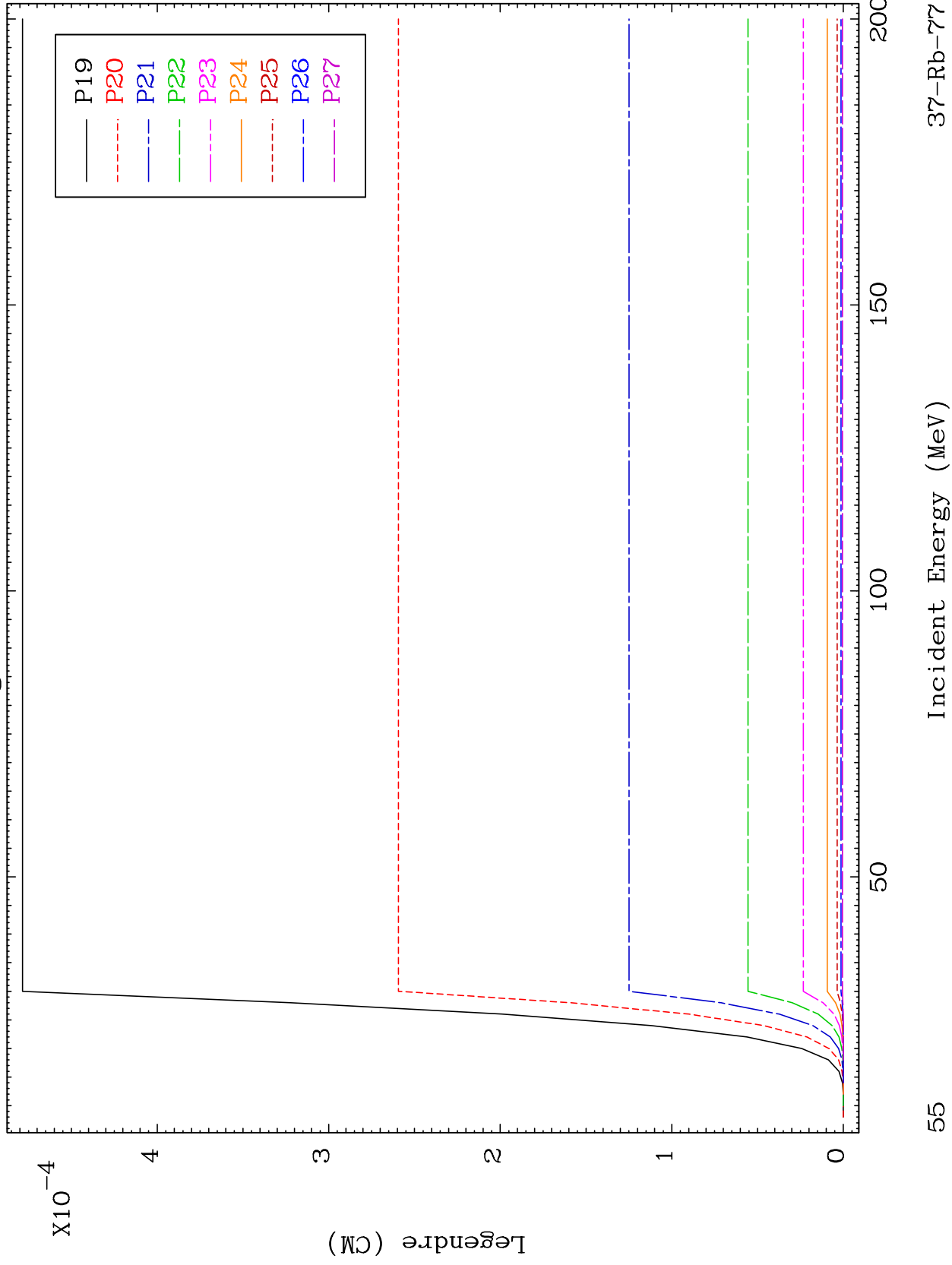
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



55

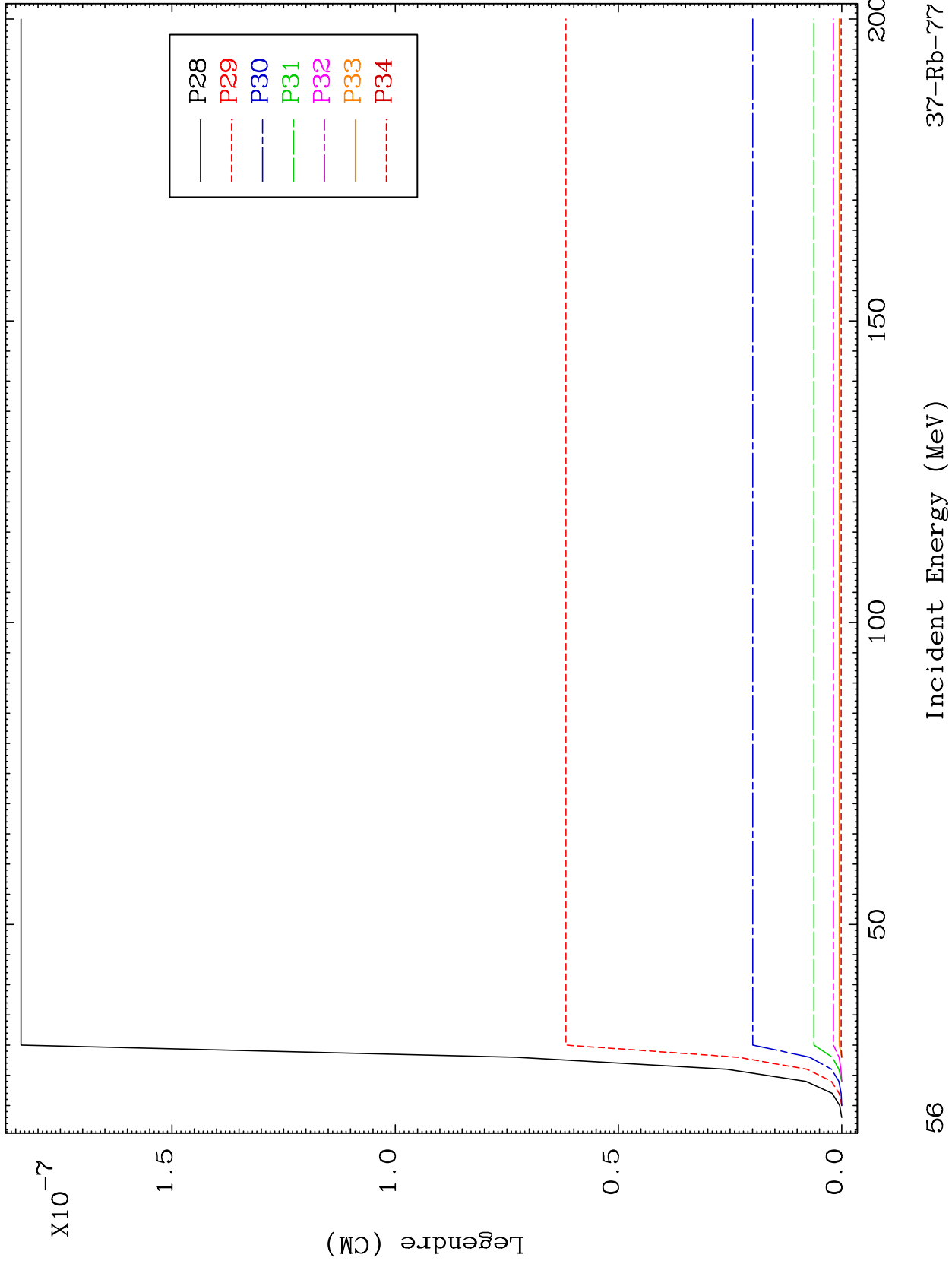
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



56

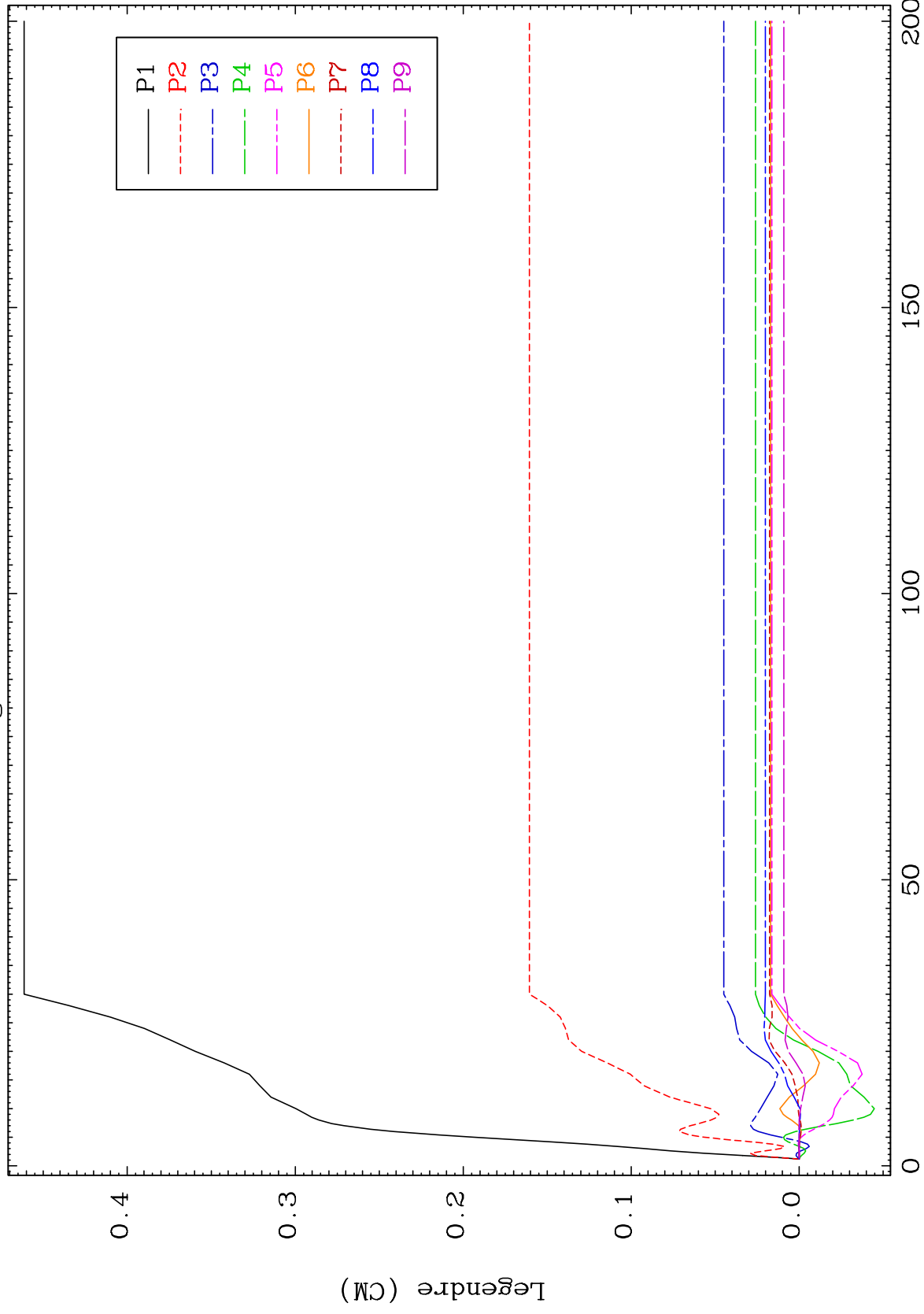
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

³⁷Rb-⁷⁷



57

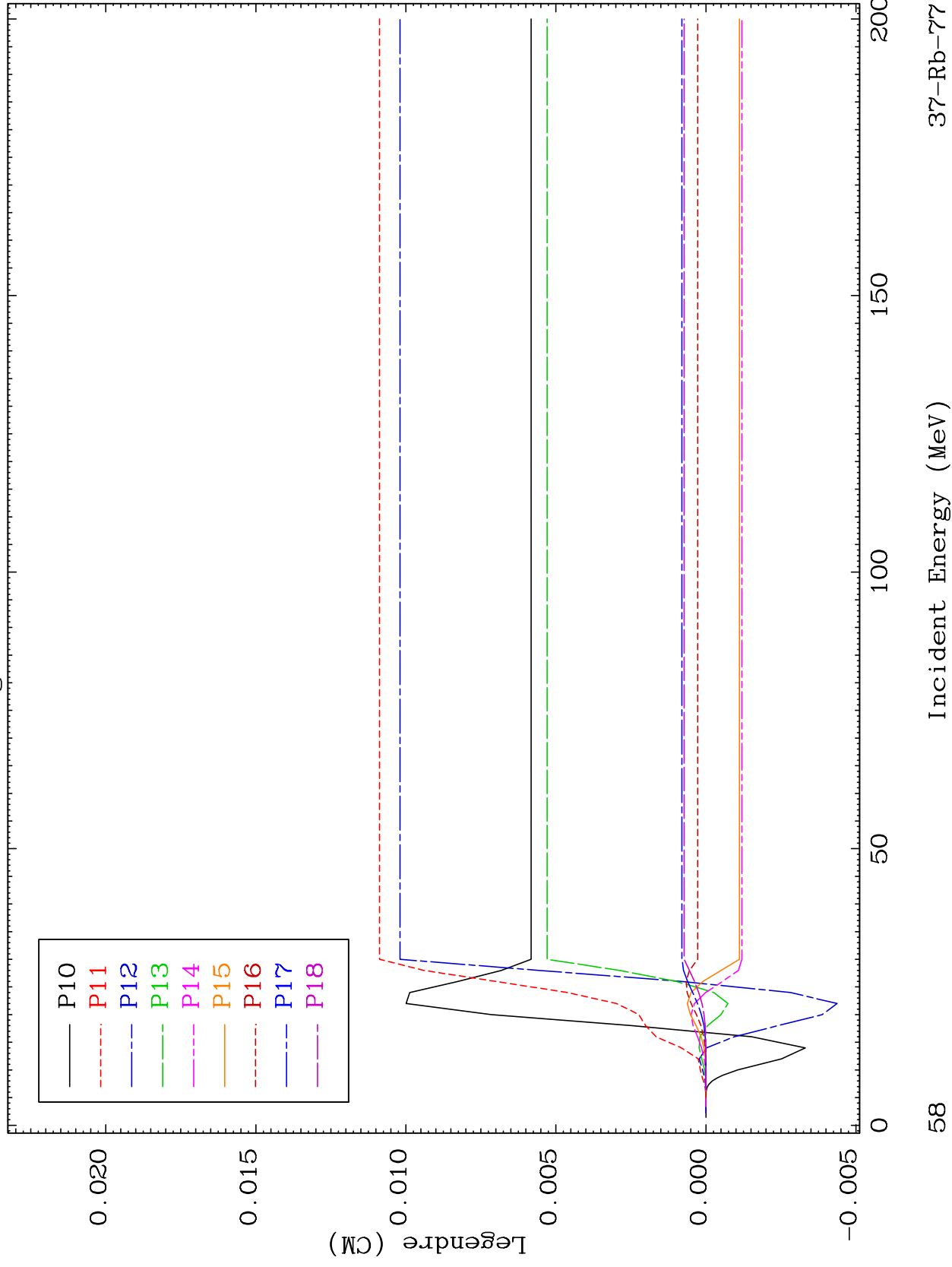
Incident Energy (MeV)

³⁷Rb-⁷⁷

MAT 3701

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

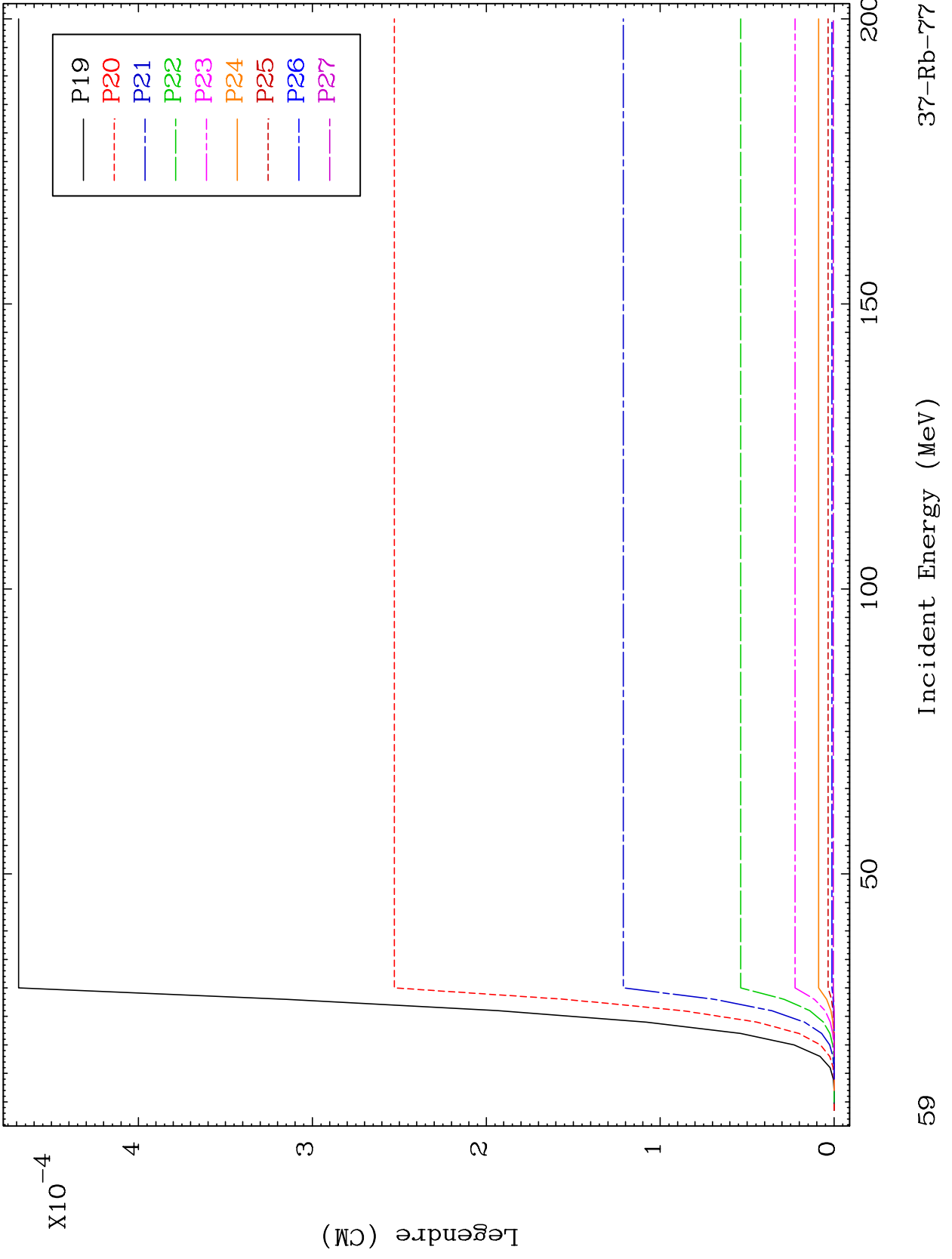
37-Rb-77

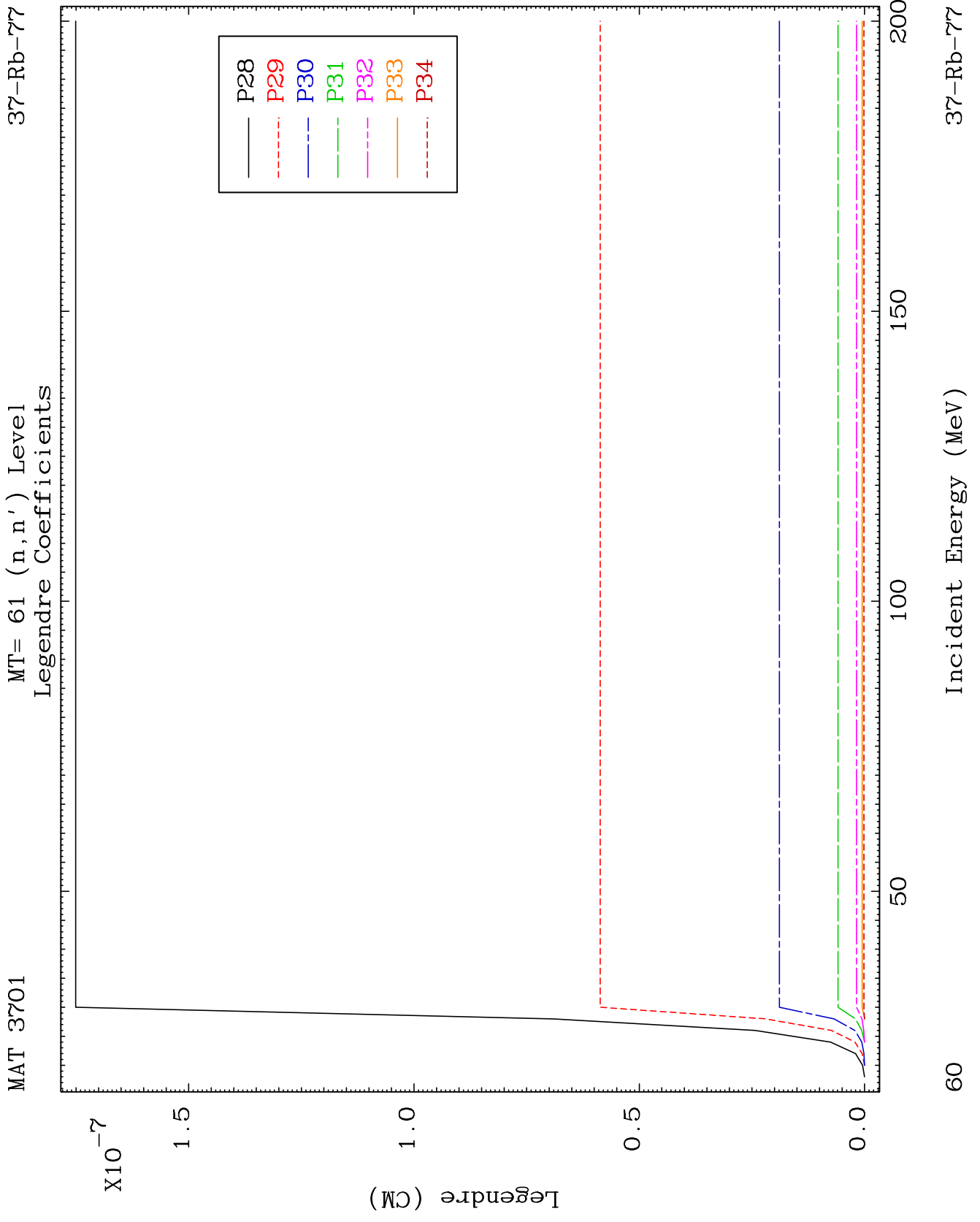


MAT 3701

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

37-Rb-77

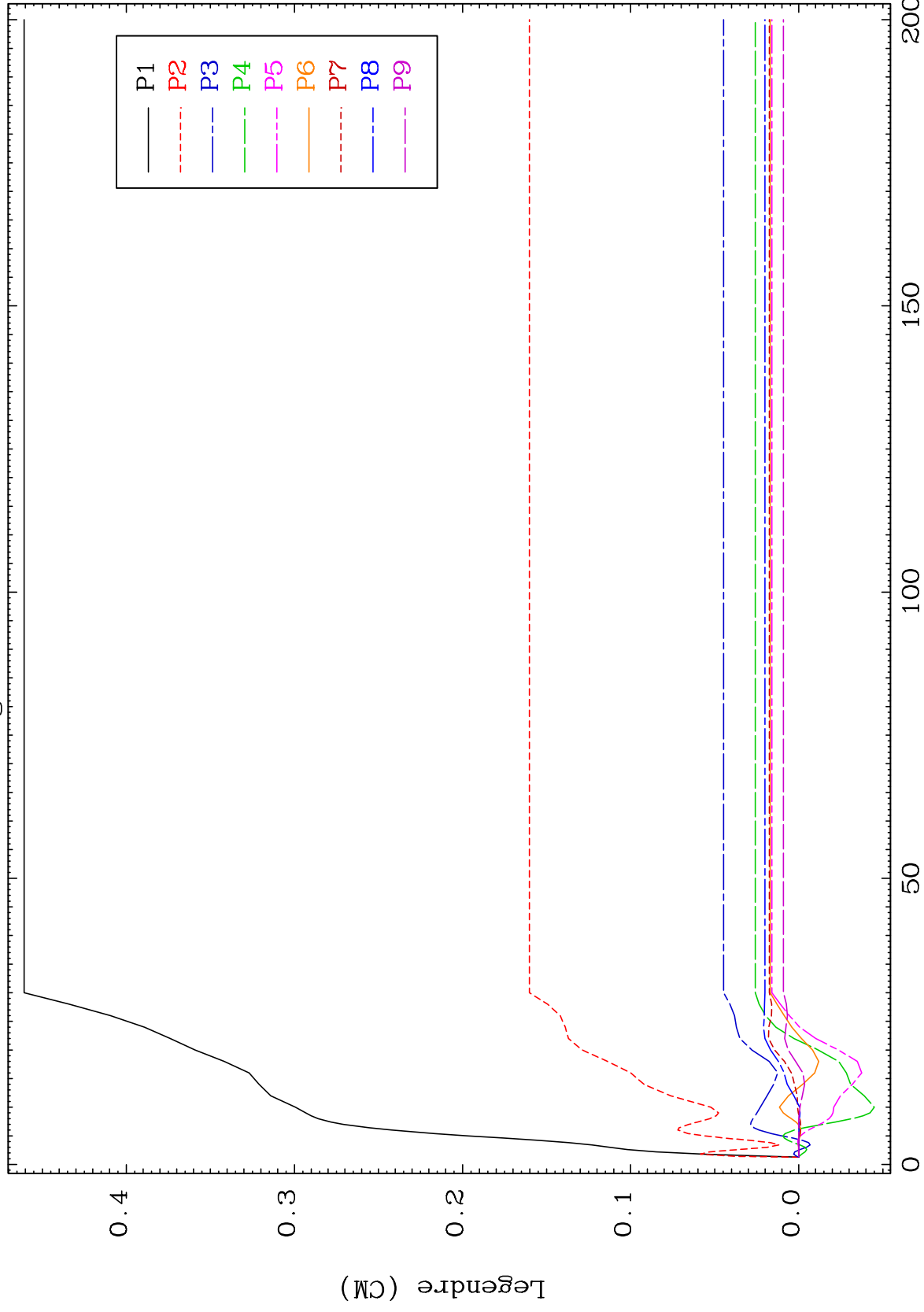




MAT 3701

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

37-Rb-77



37-Rb-77

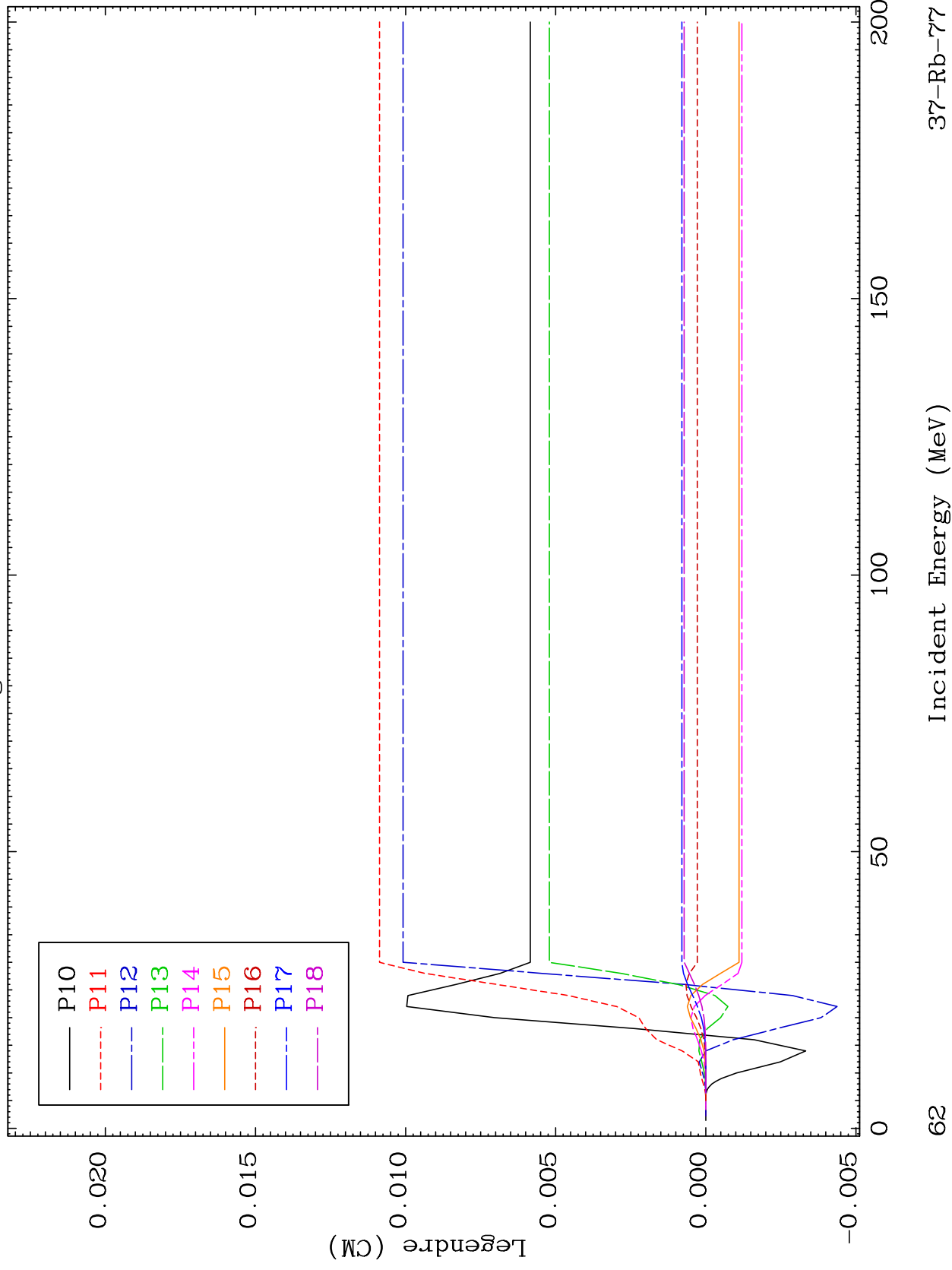
Incident Energy (MeV)

61

MAT 3701

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

37-Rb-77



37-Rb-77

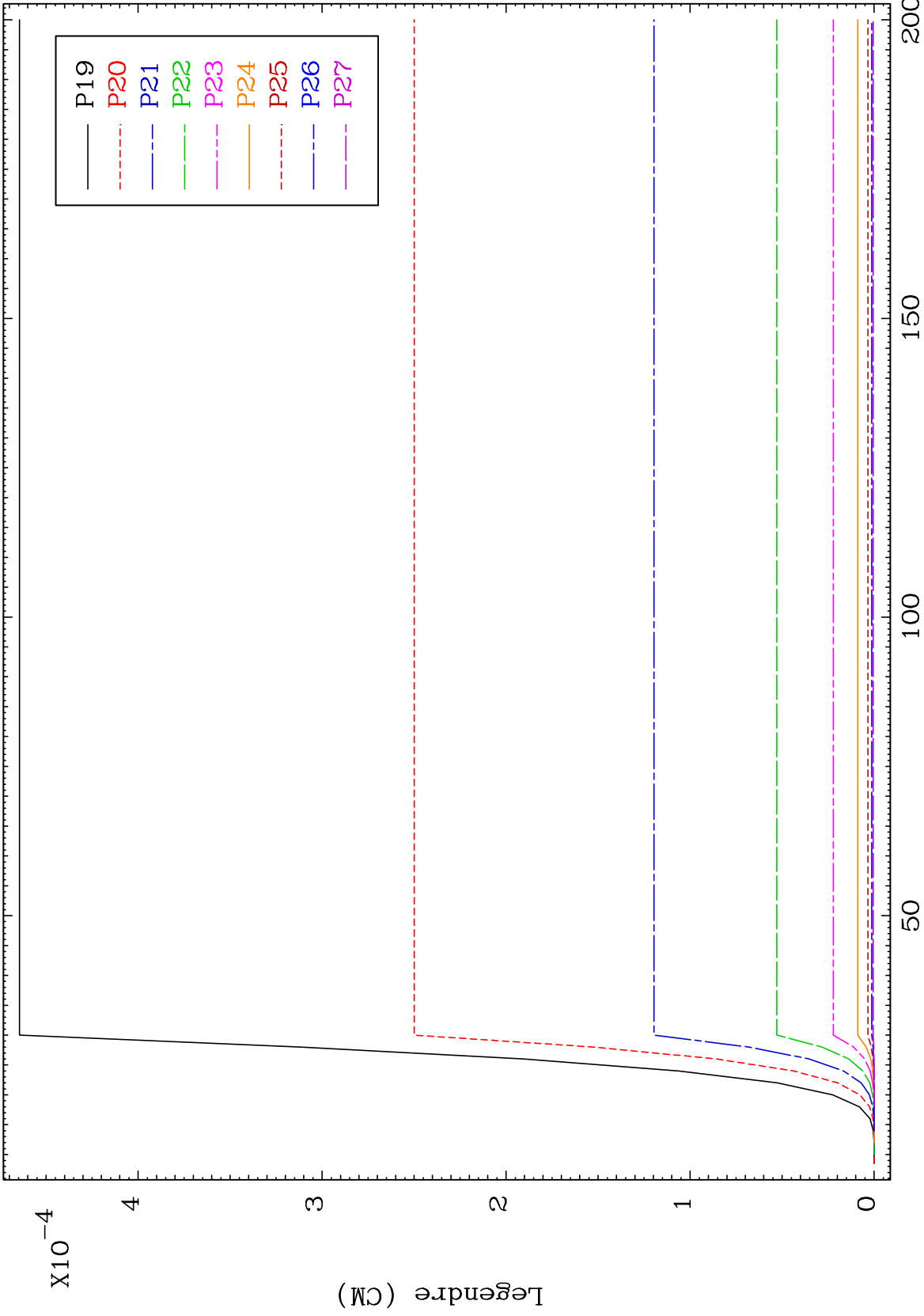
Incident Energy (MeV)

62

MAT 3701

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

37-Rb-77



63

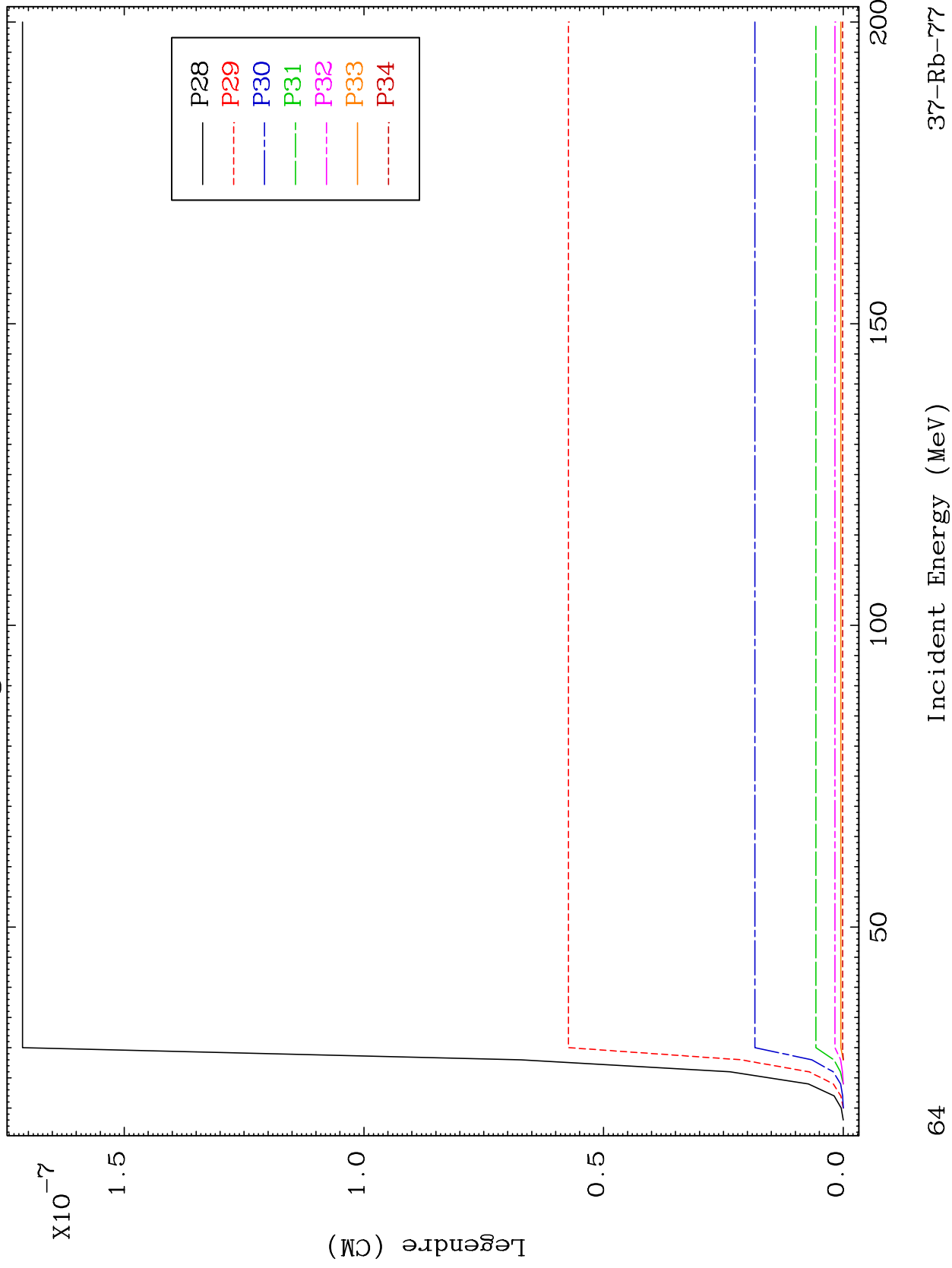
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



64

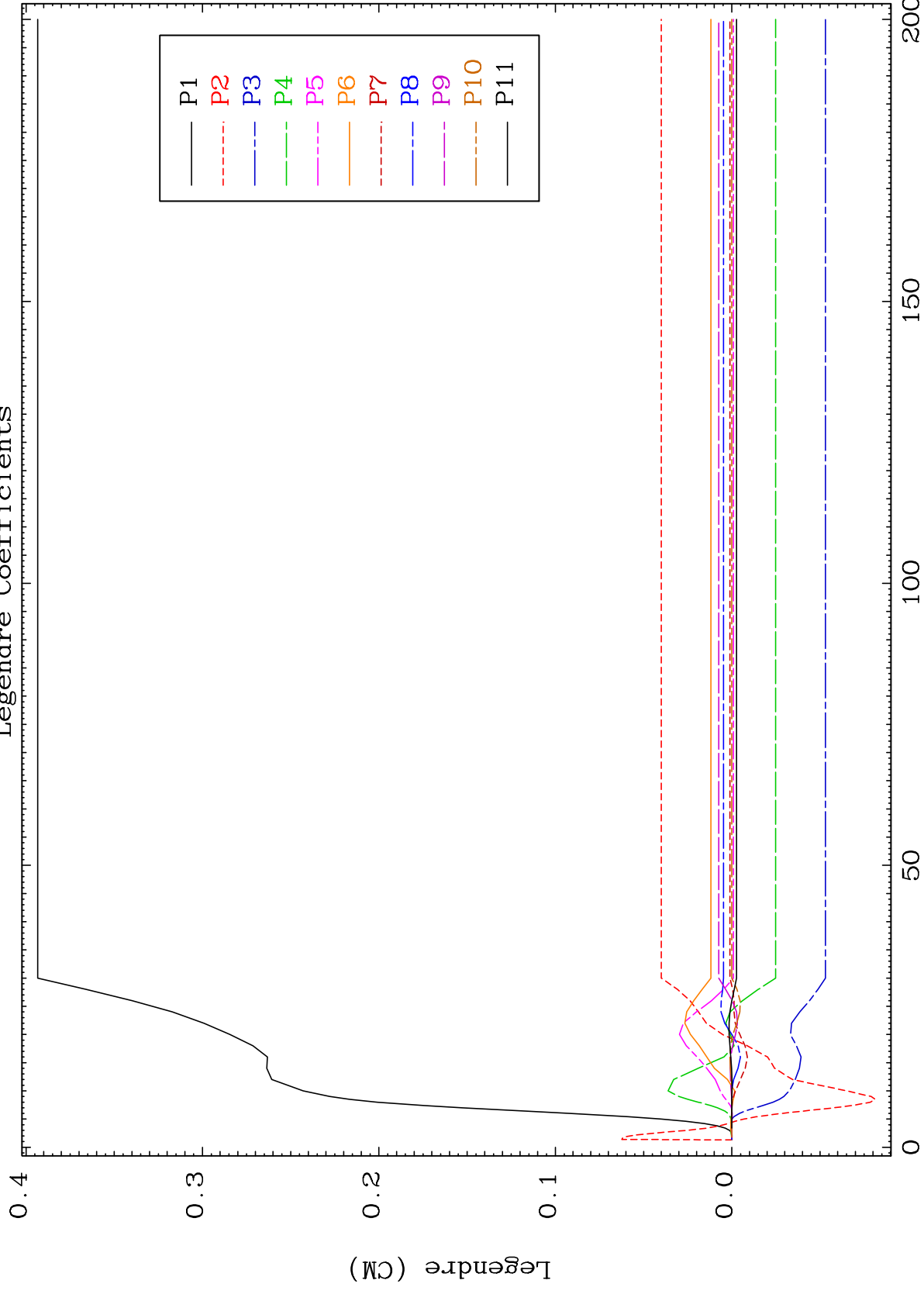
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



65

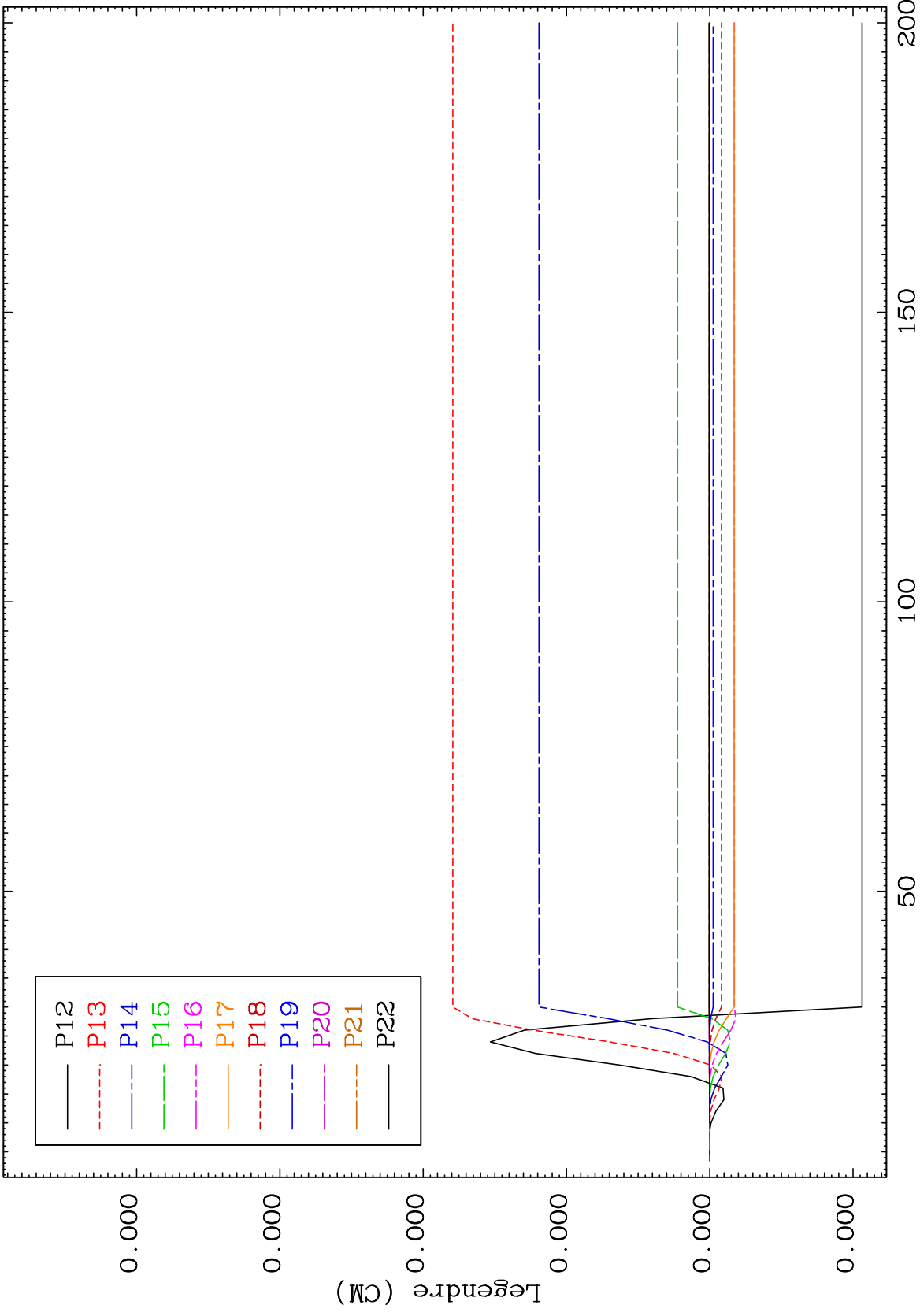
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

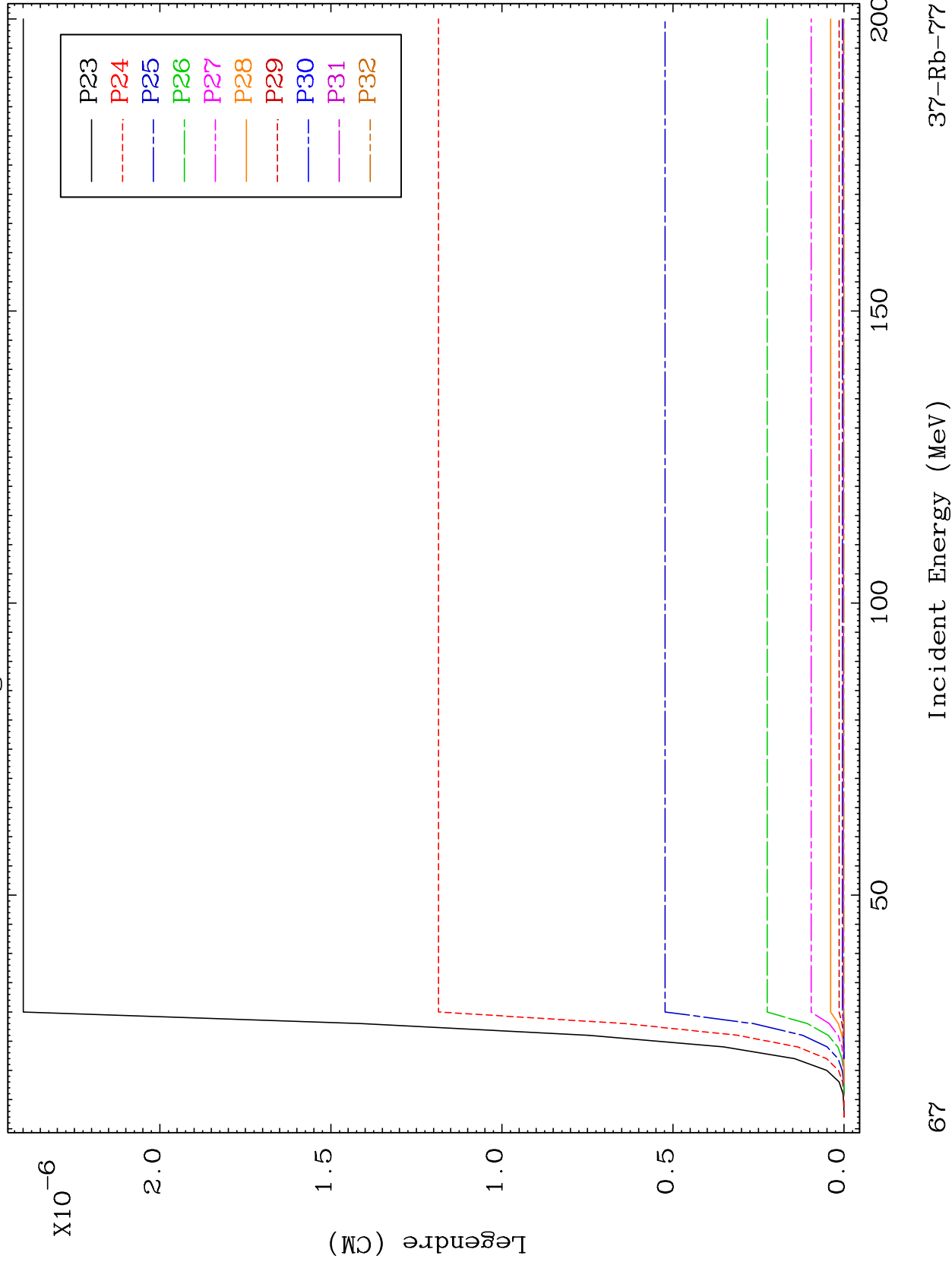
37-Rb-77



MAT 3701

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

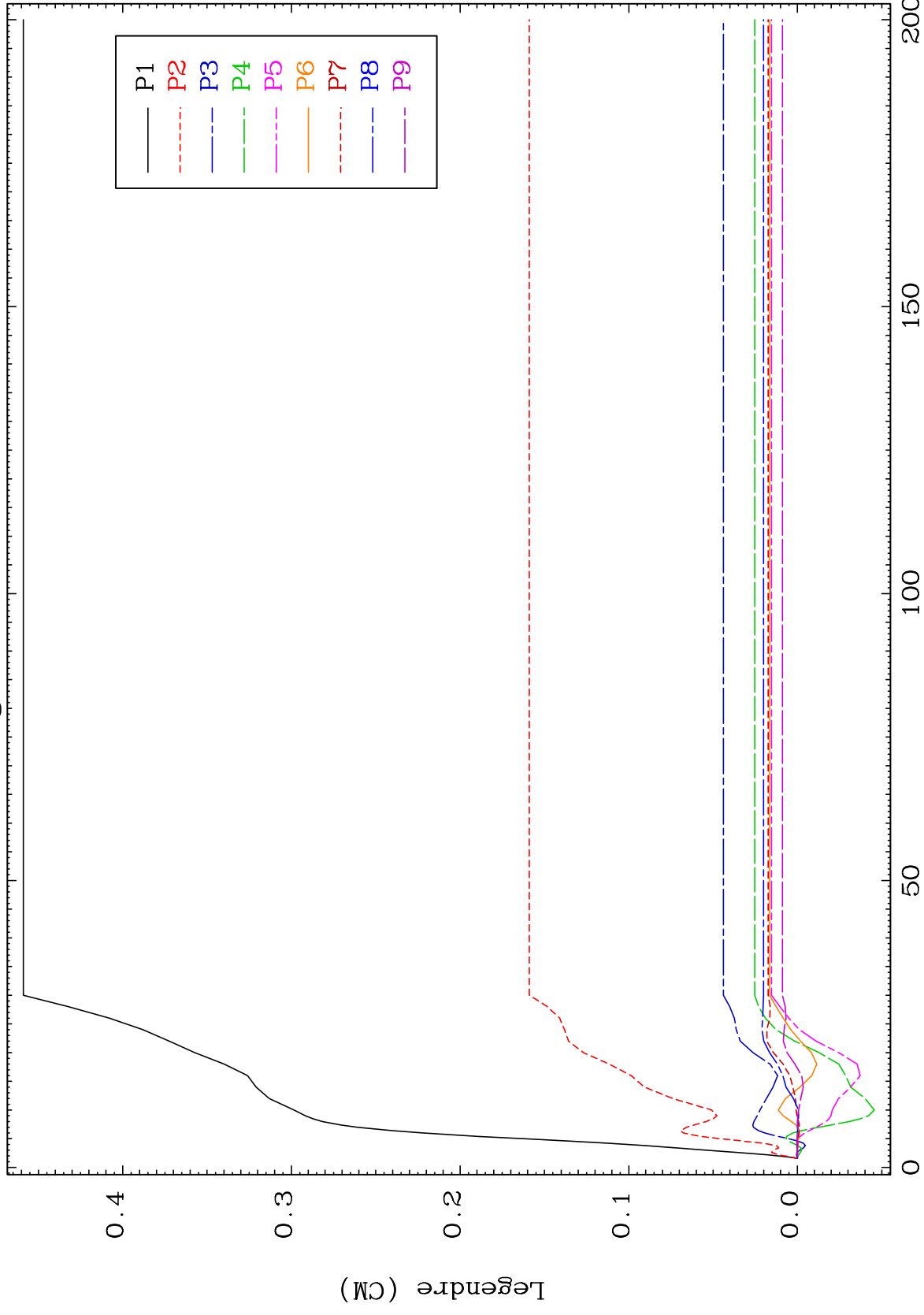
37-Rb-77



MAT 3701

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

37-Rb-77



37-Rb-77

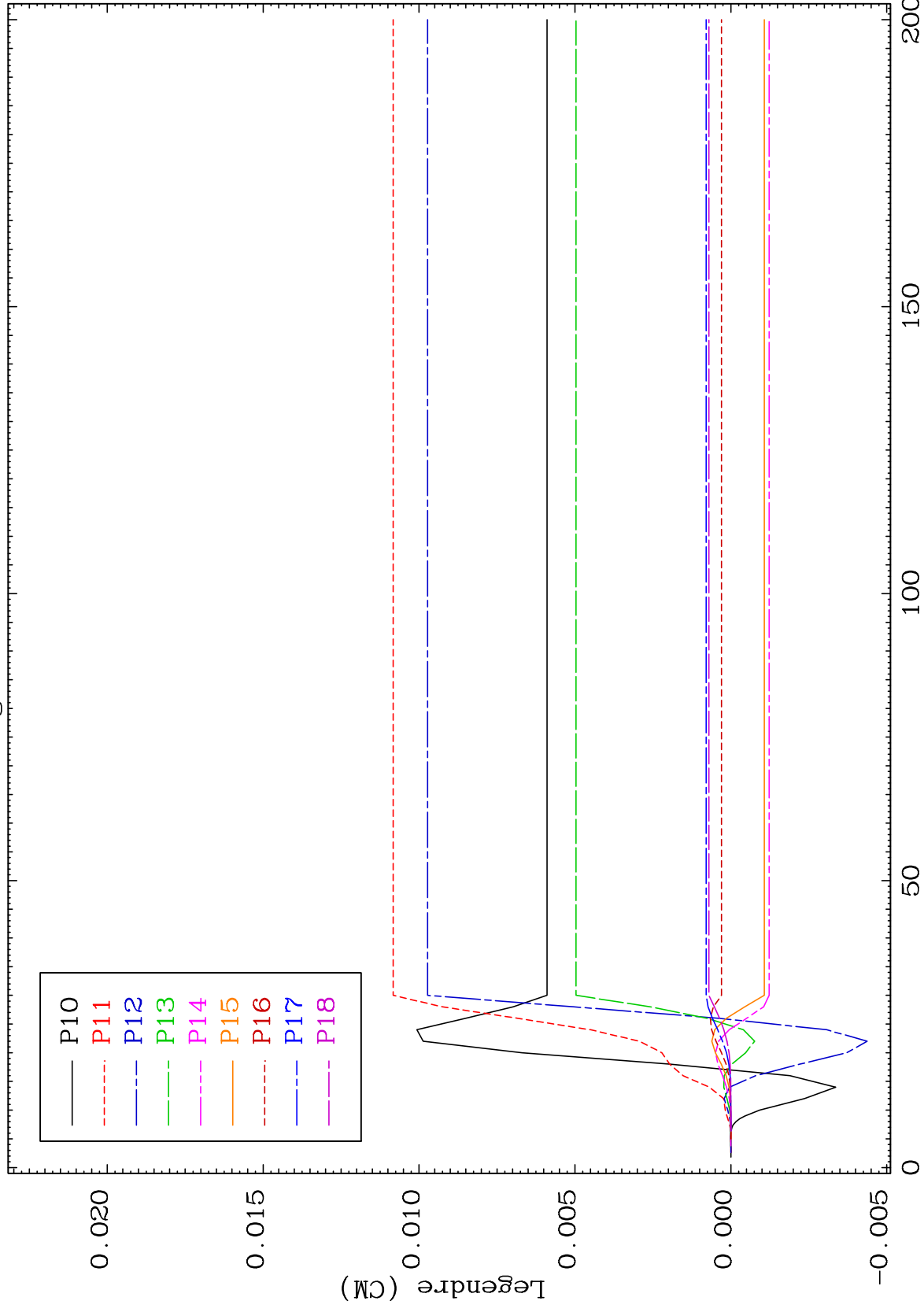
Incident Energy (MeV)

68

MAT 3701

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

37-Rb-77



69

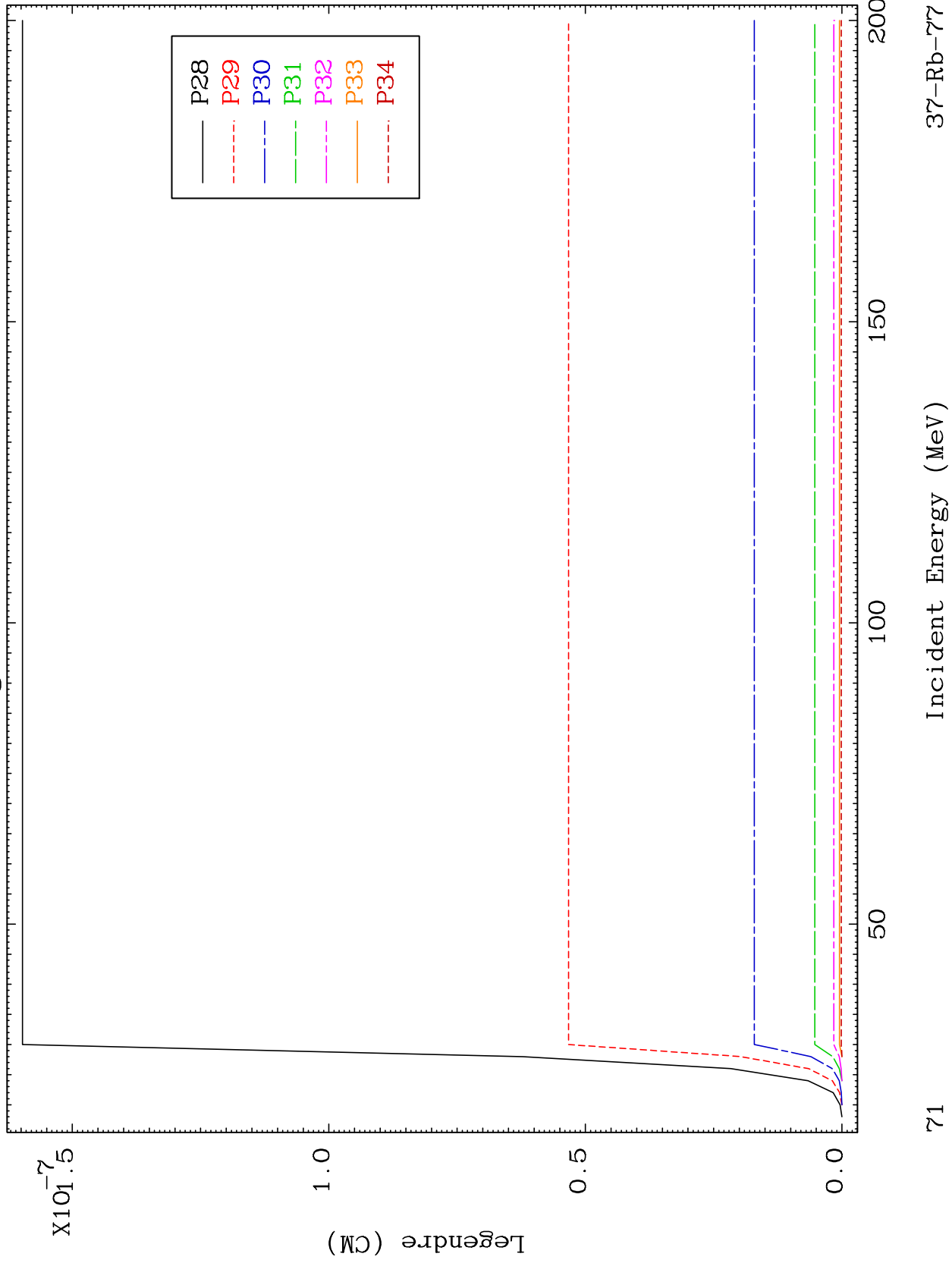
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

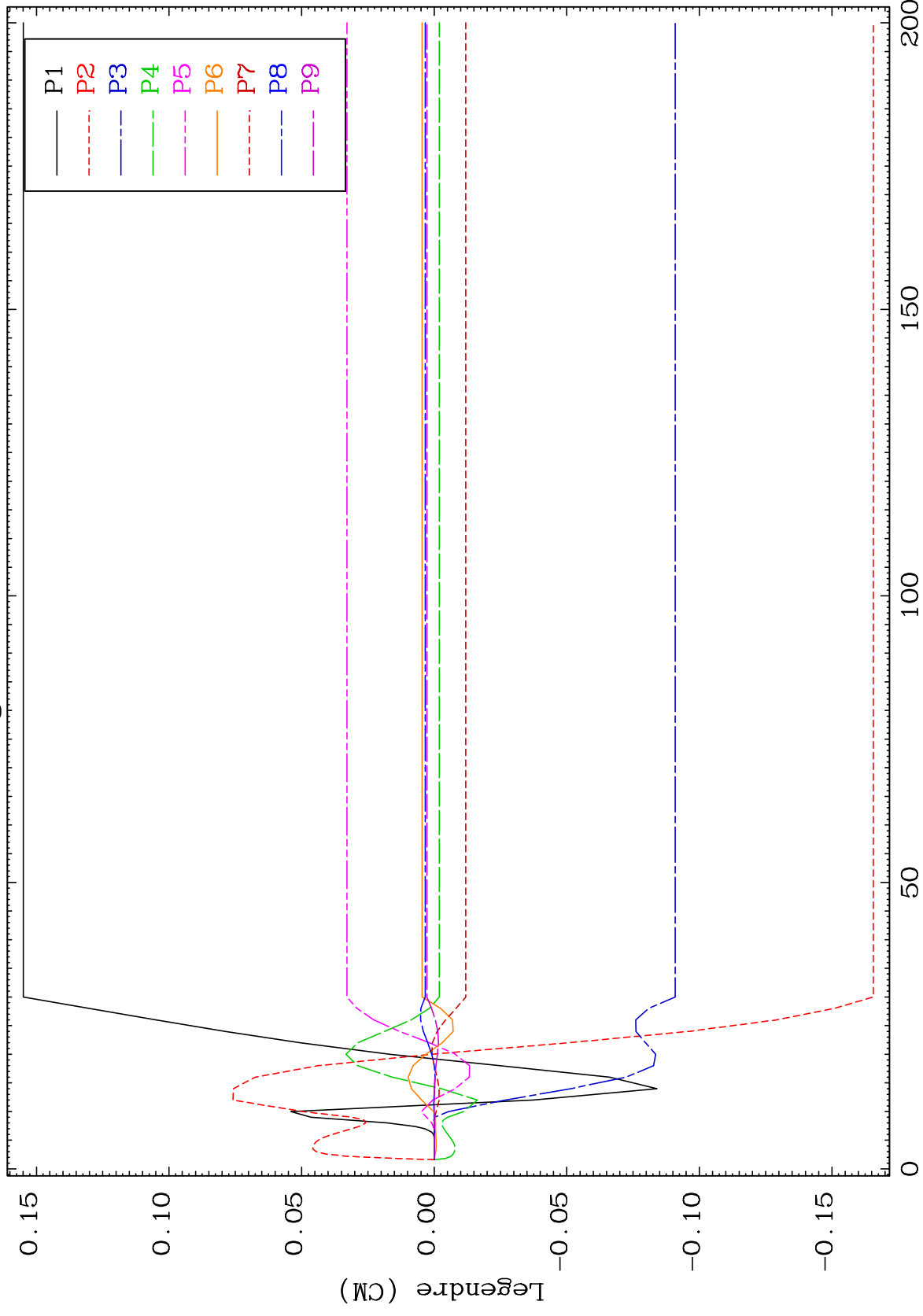
37-Rb-77



MAT 3701

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

37-Rb-77



72

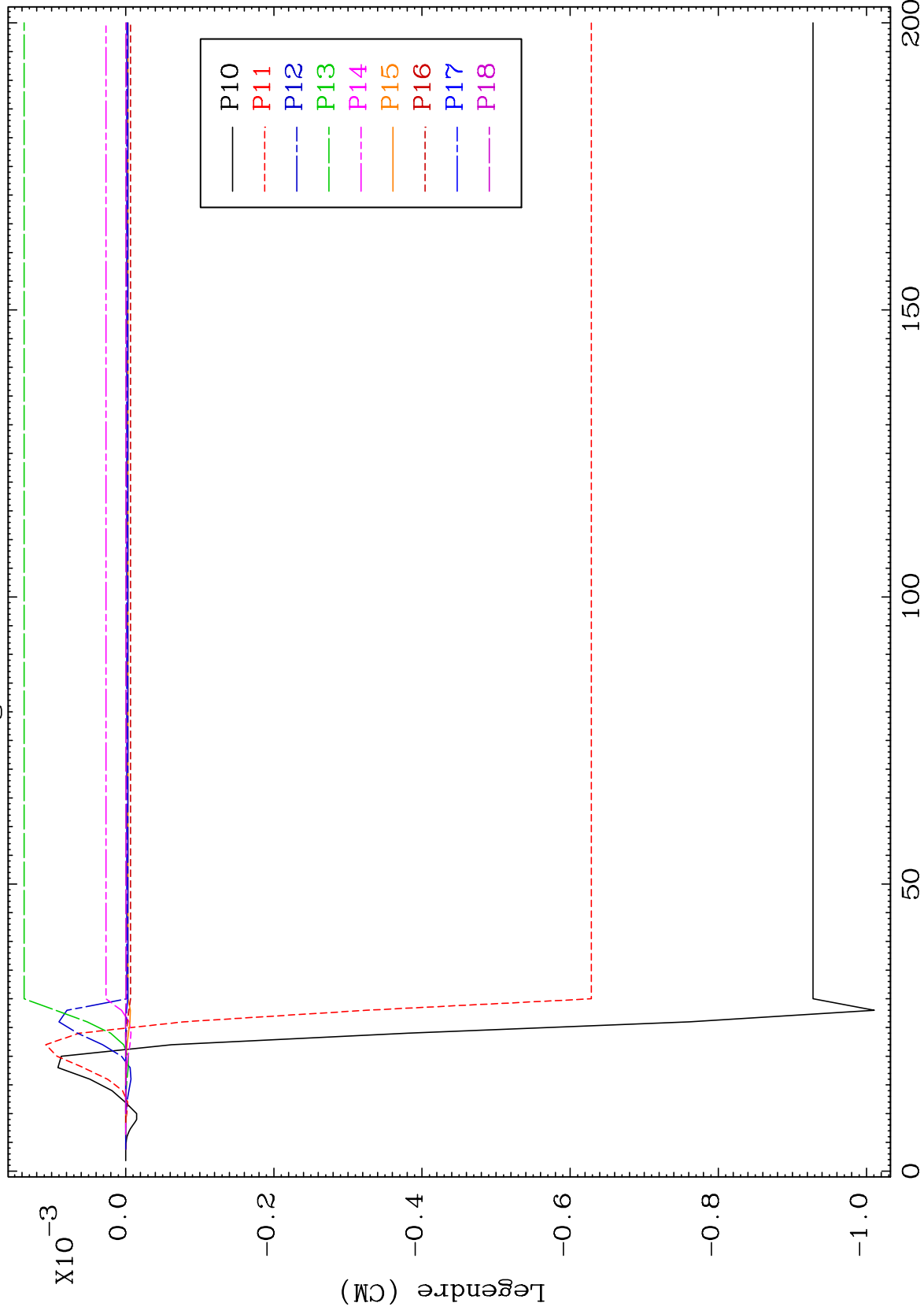
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



73

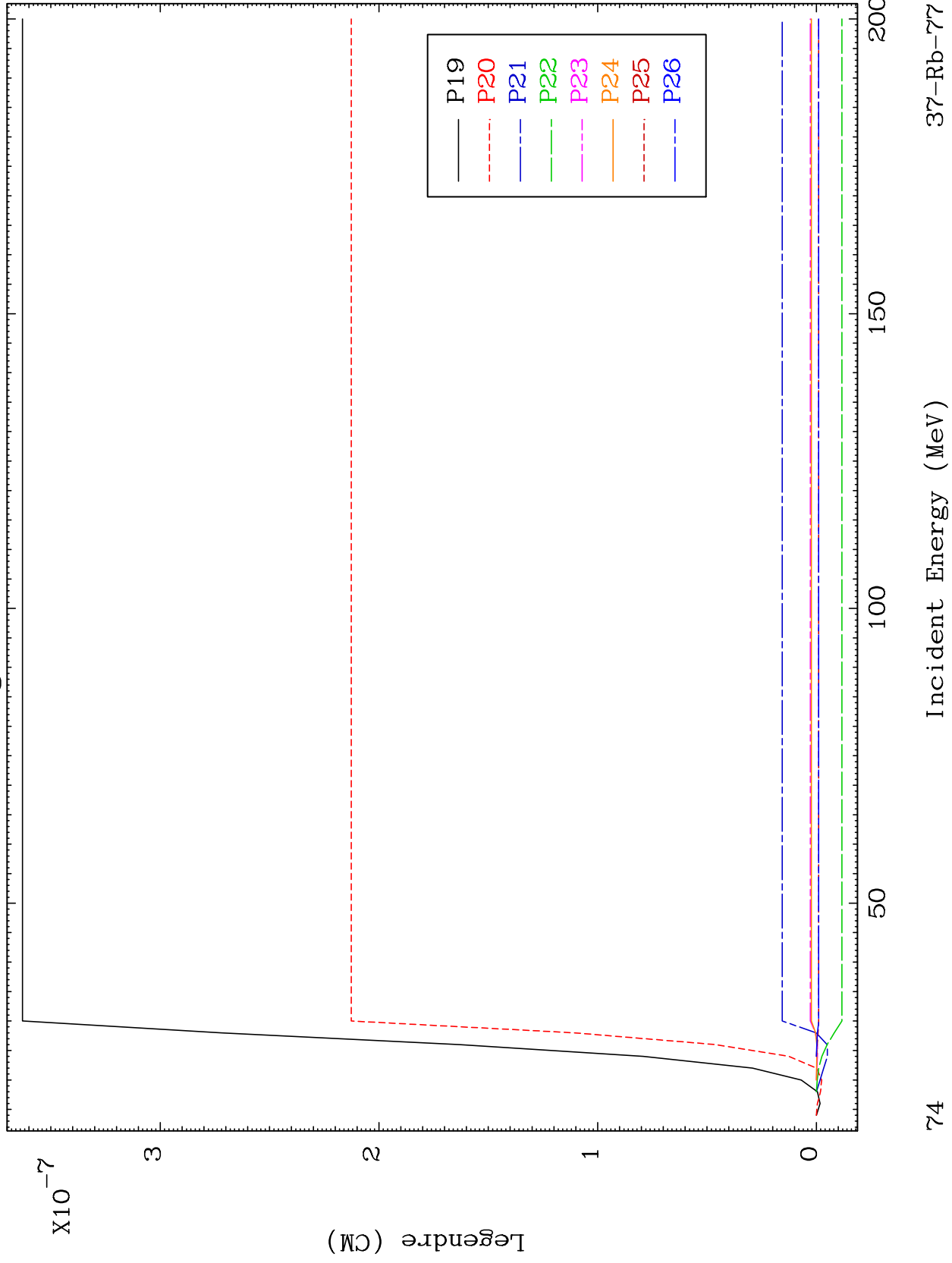
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



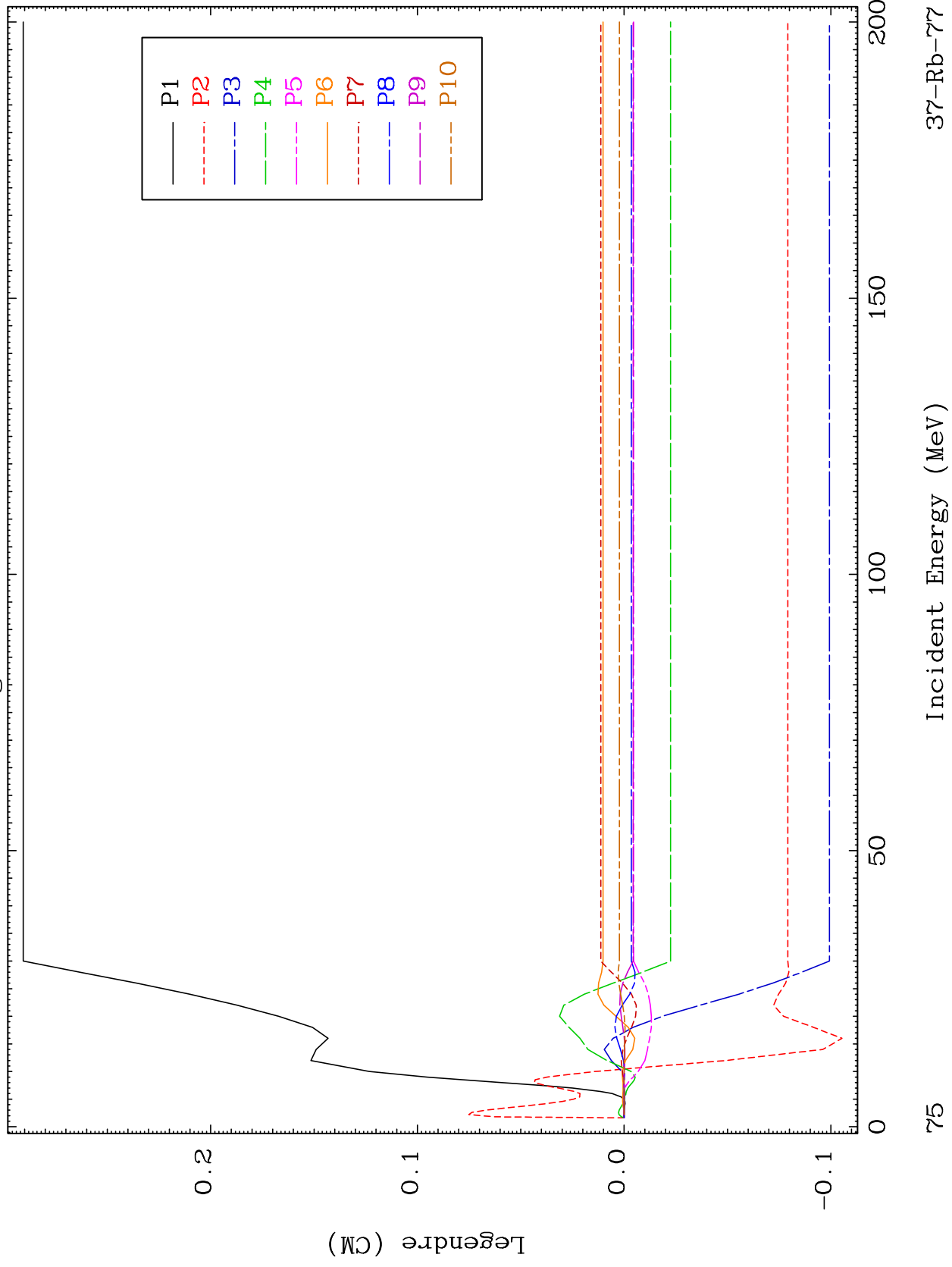
74

37-Rb-77

MAT 3701

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

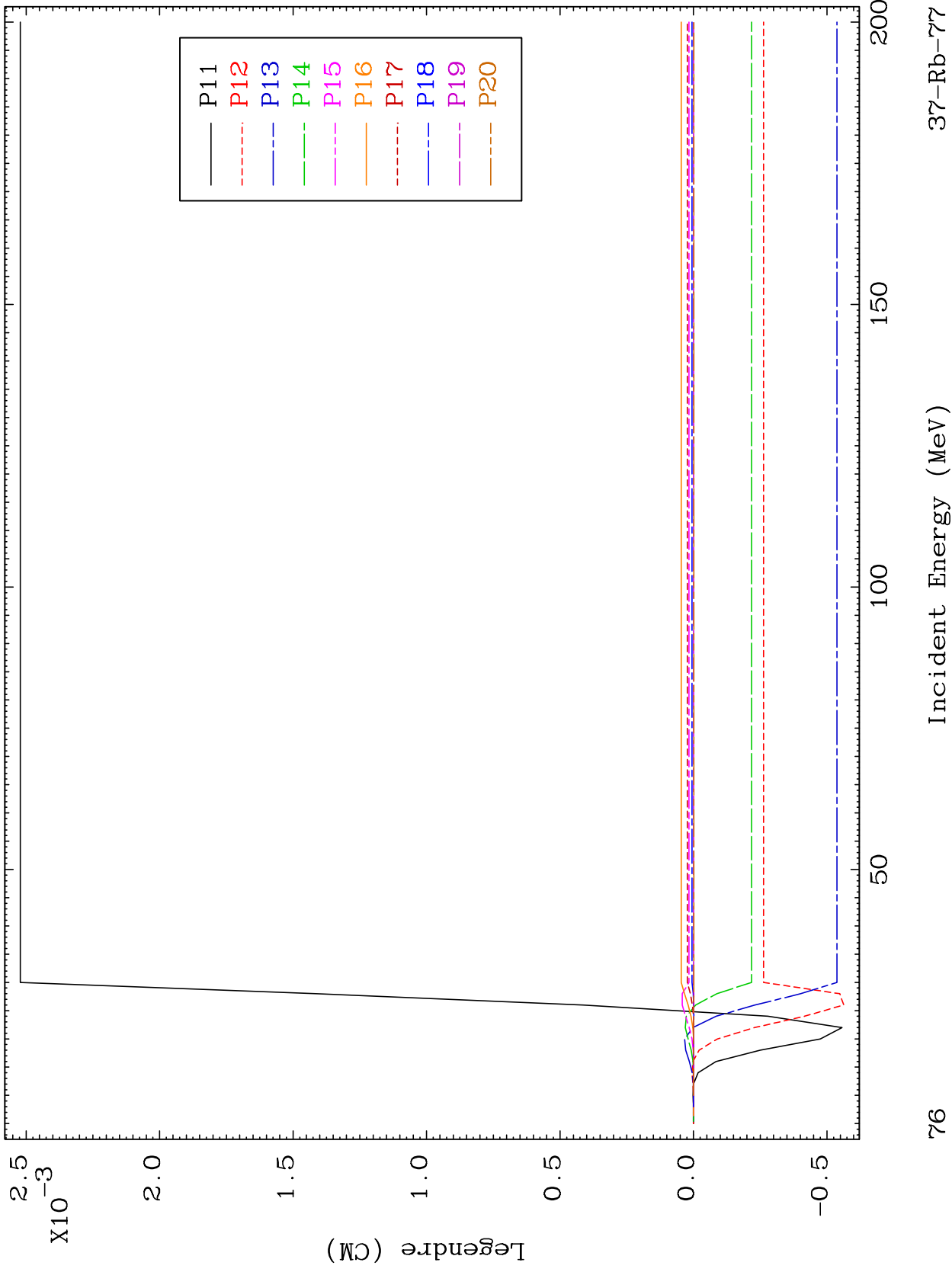
37-Rb-77



MAT 3701

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

37-Rb-77



76

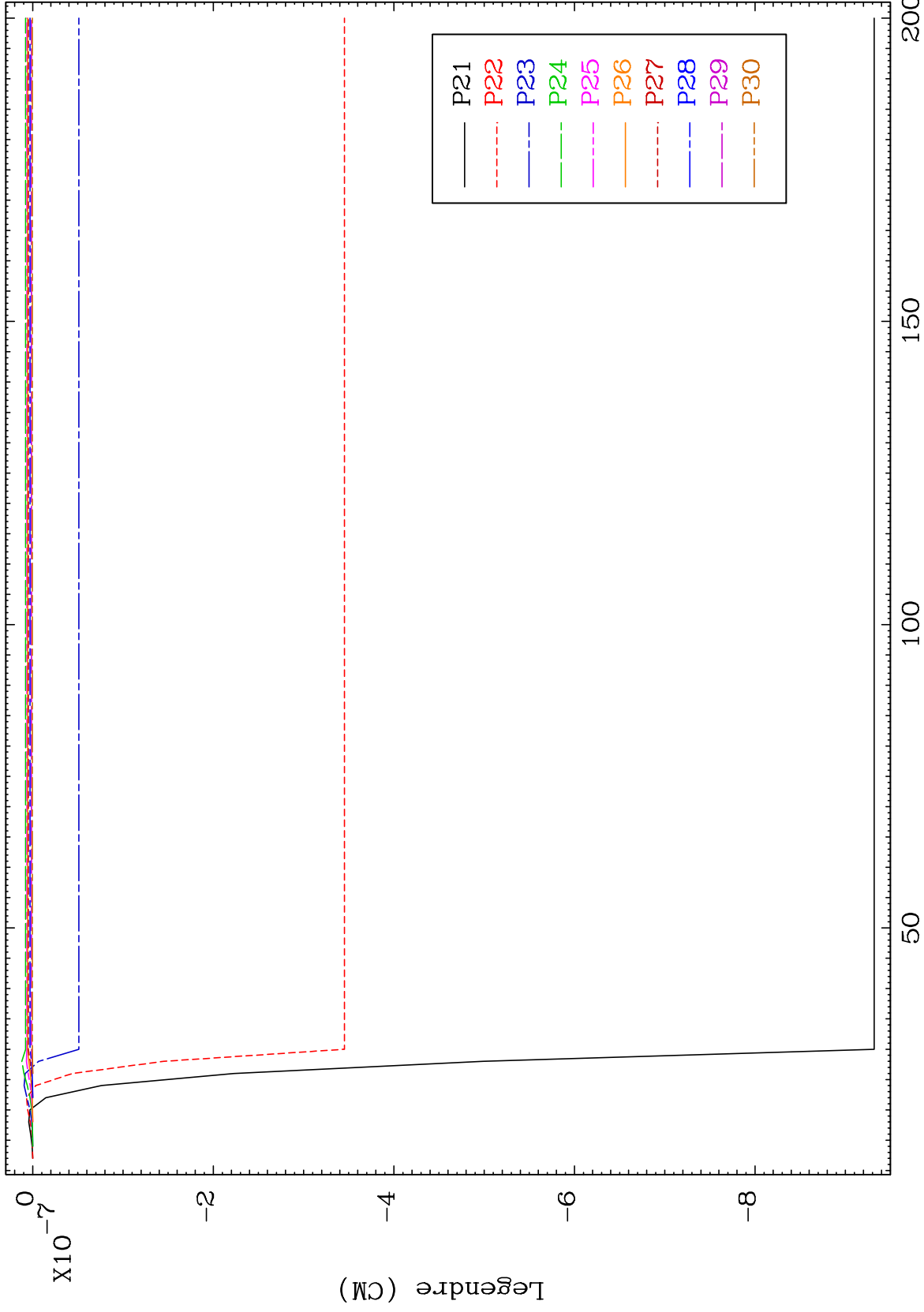
37-Rb-77

MAT 3701

MT= 66 (n,n') Level

37-Rb-77

Legendre Coefficients



77

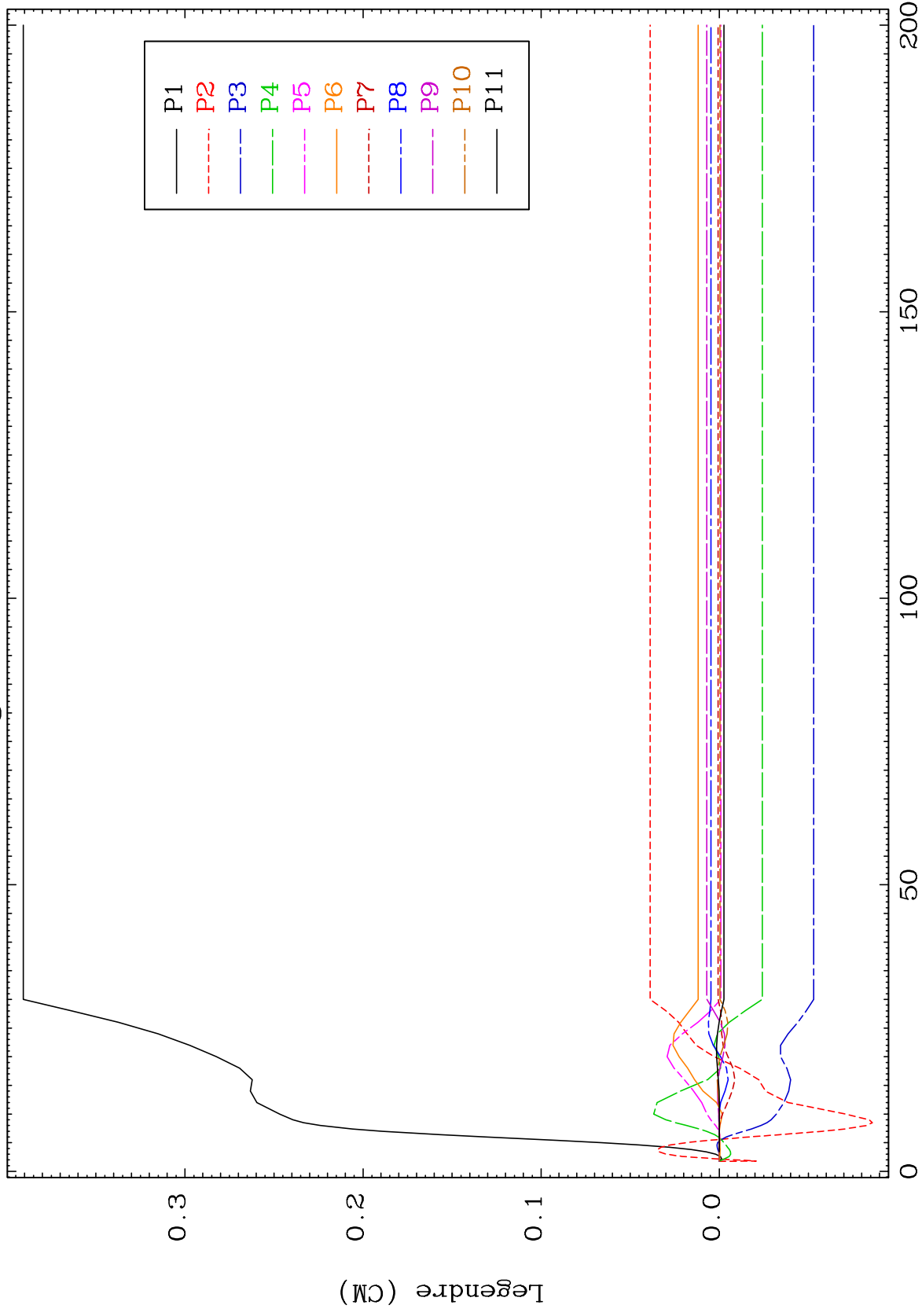
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



78

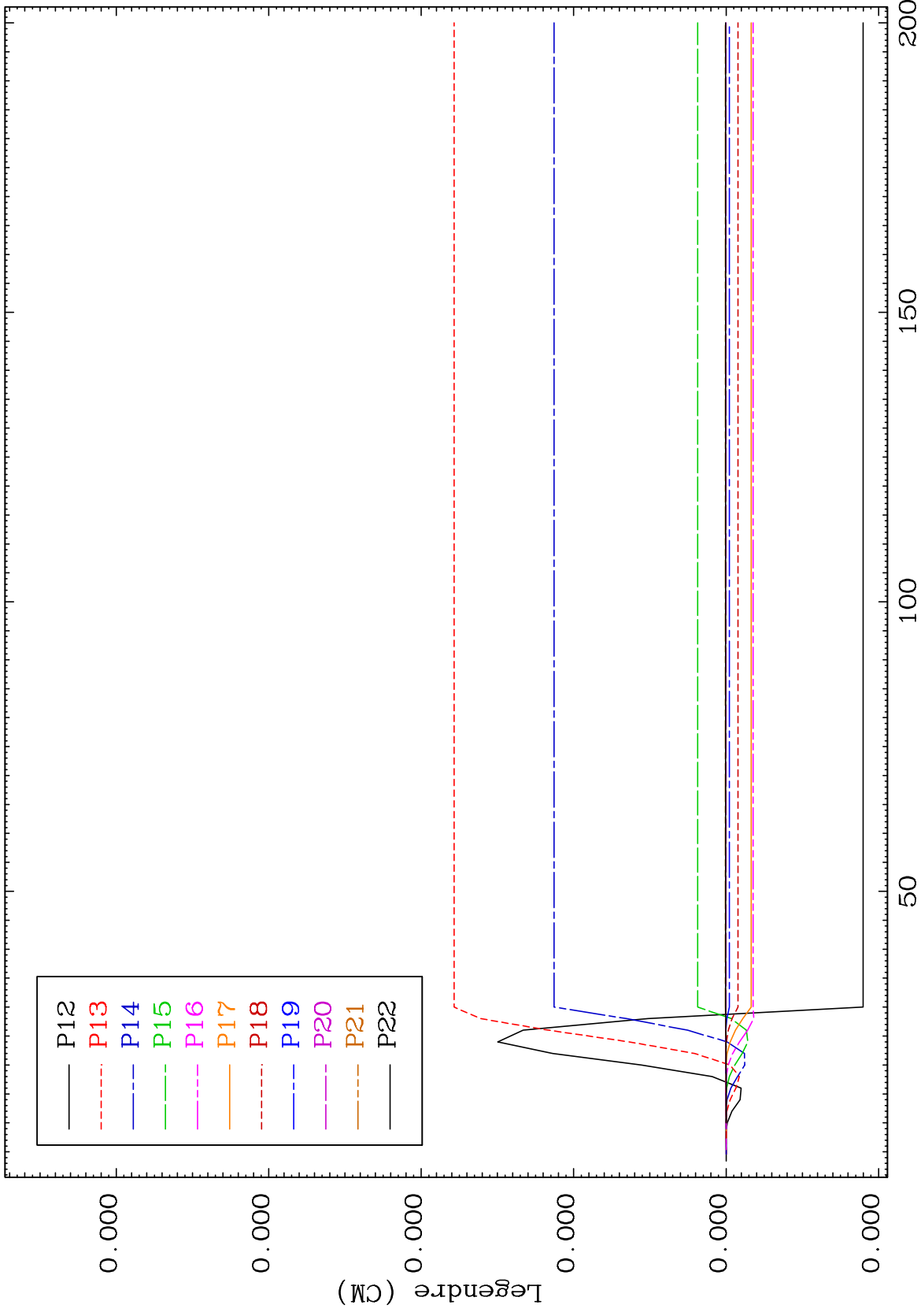
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

37-Rb-77



79

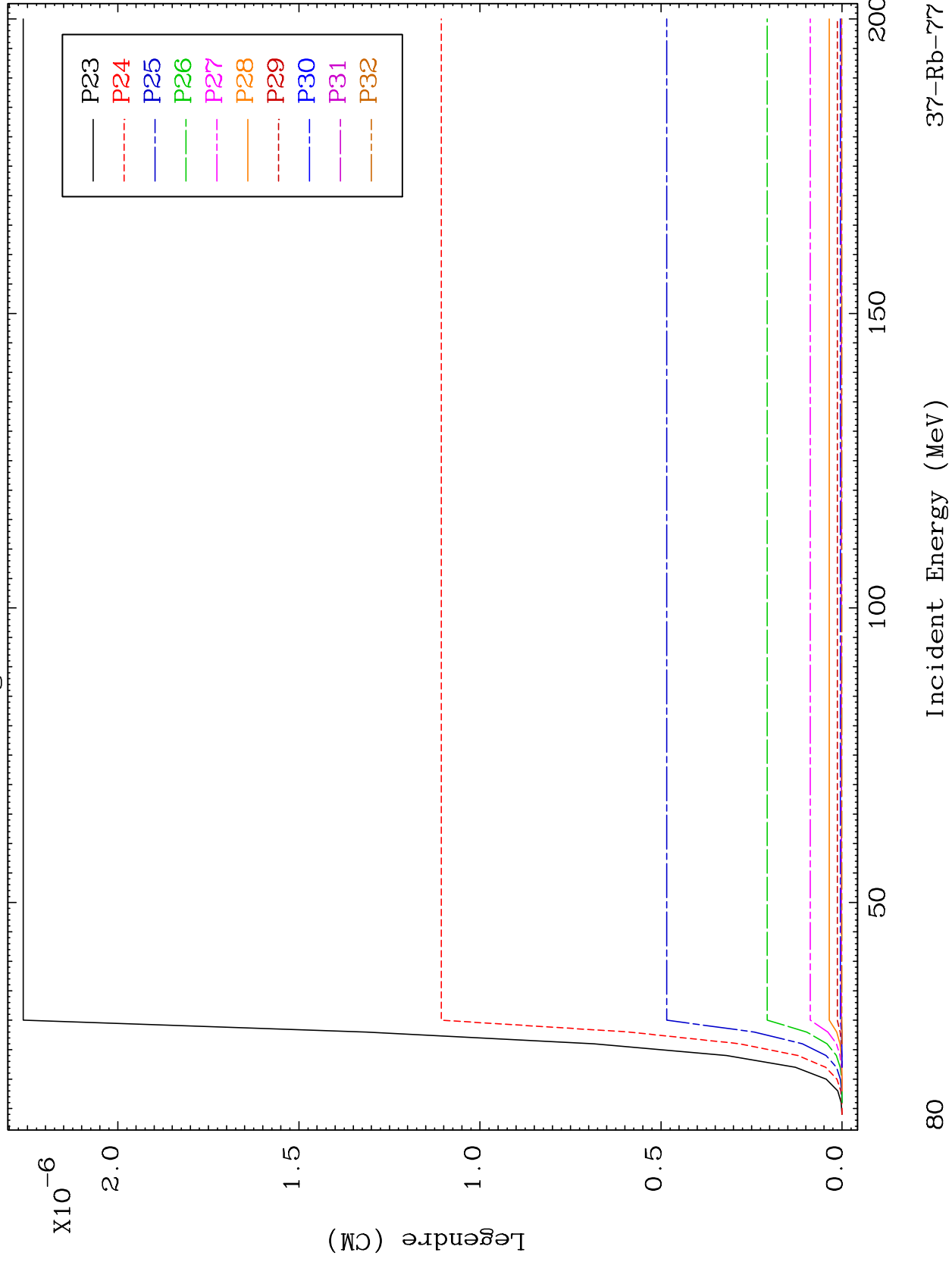
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

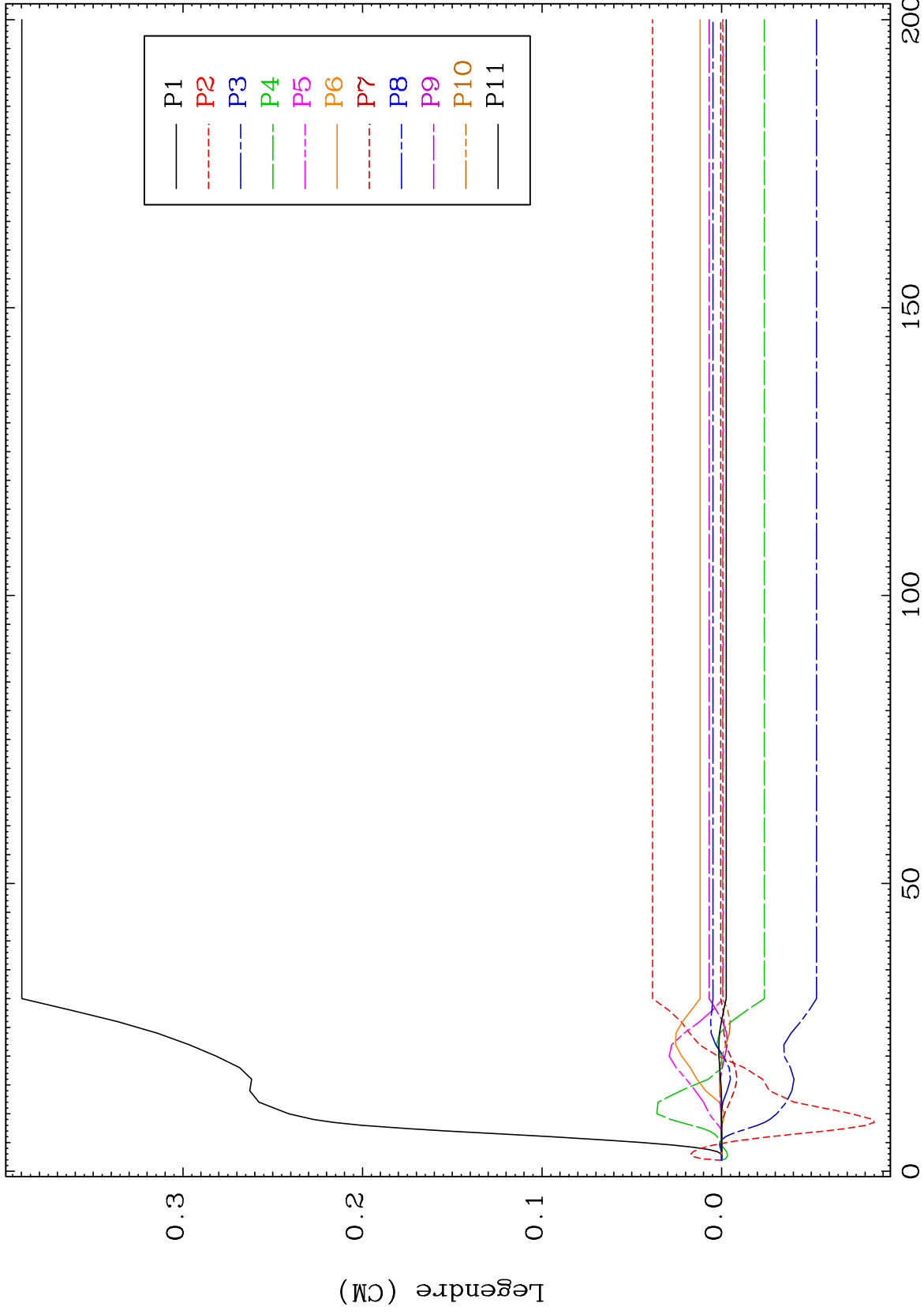
37-Rb-77



MAT 3701

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

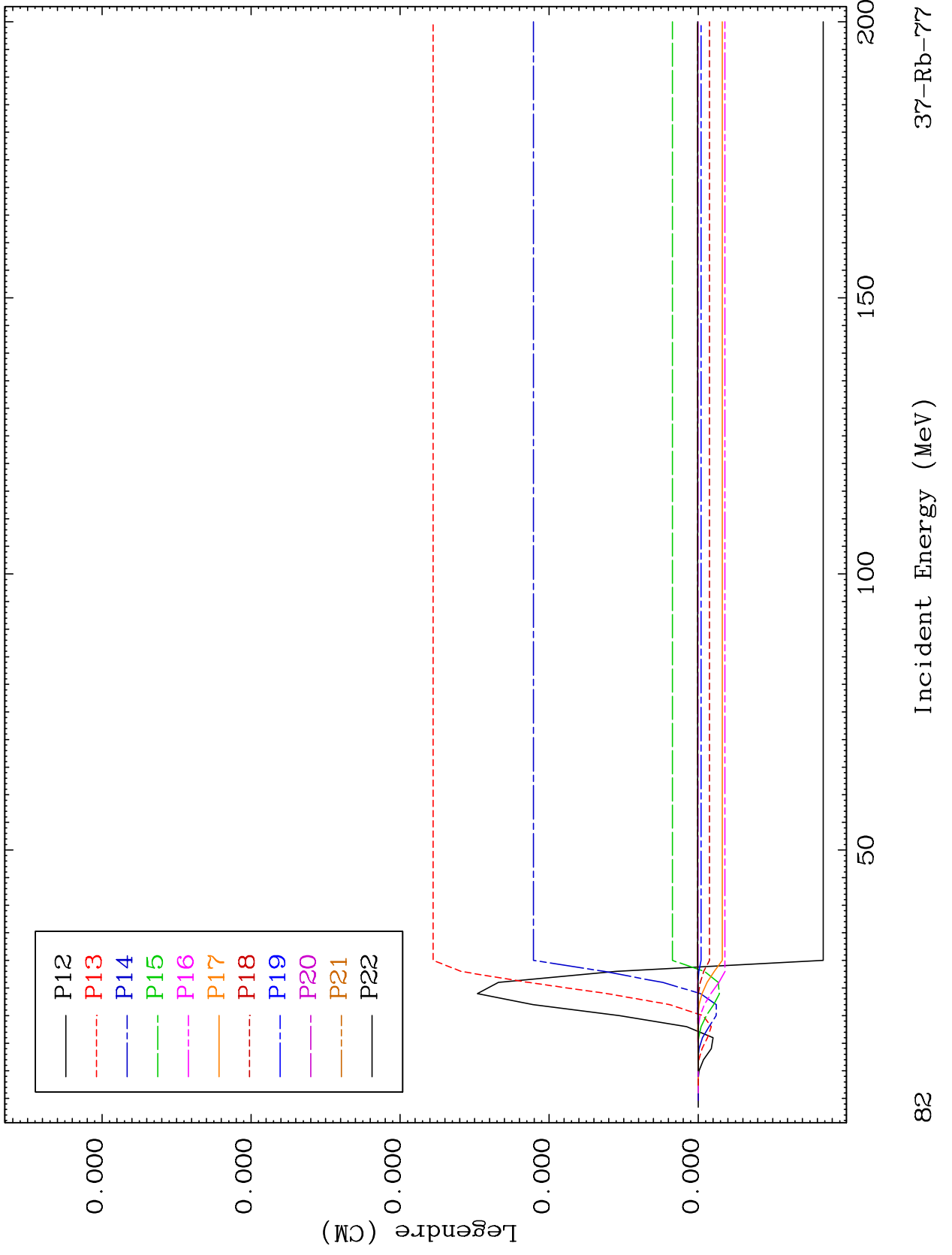
37-Rb-77



81

Incident Energy (MeV)

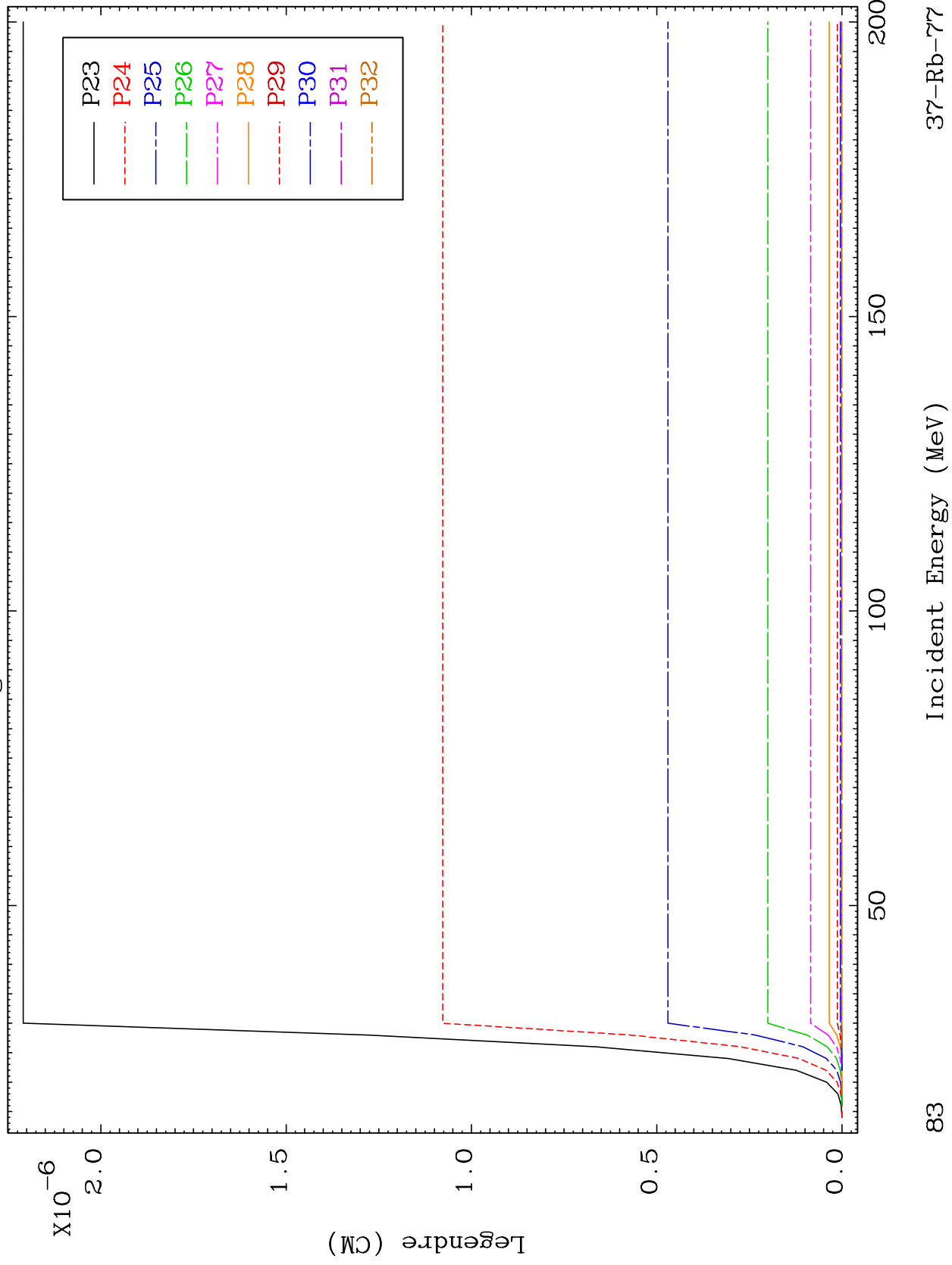
37-Rb-77



MAT 3701

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

37-Rb-77



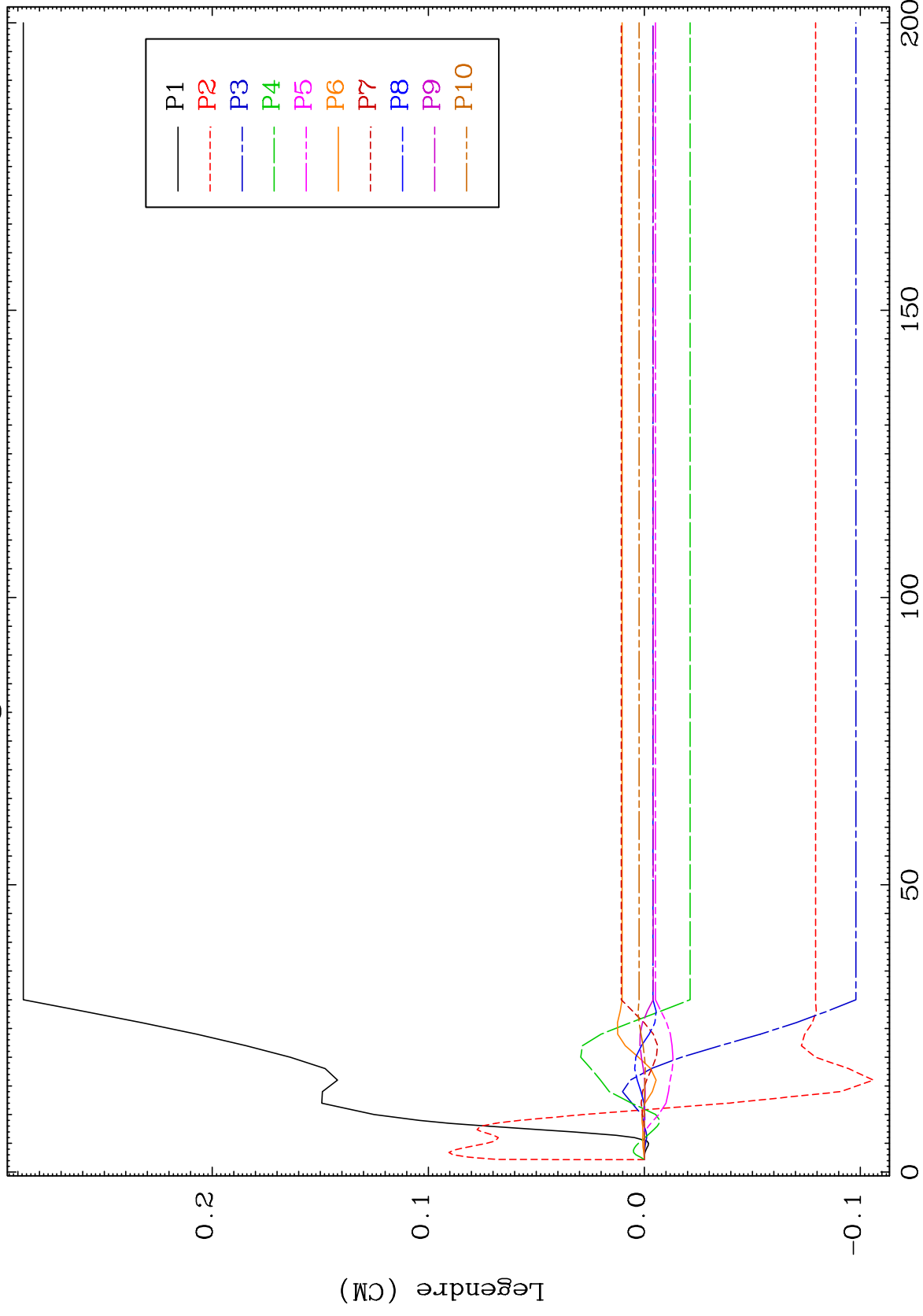
83

37-Rb-77

MAT 3701

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

37-Rb-77



84

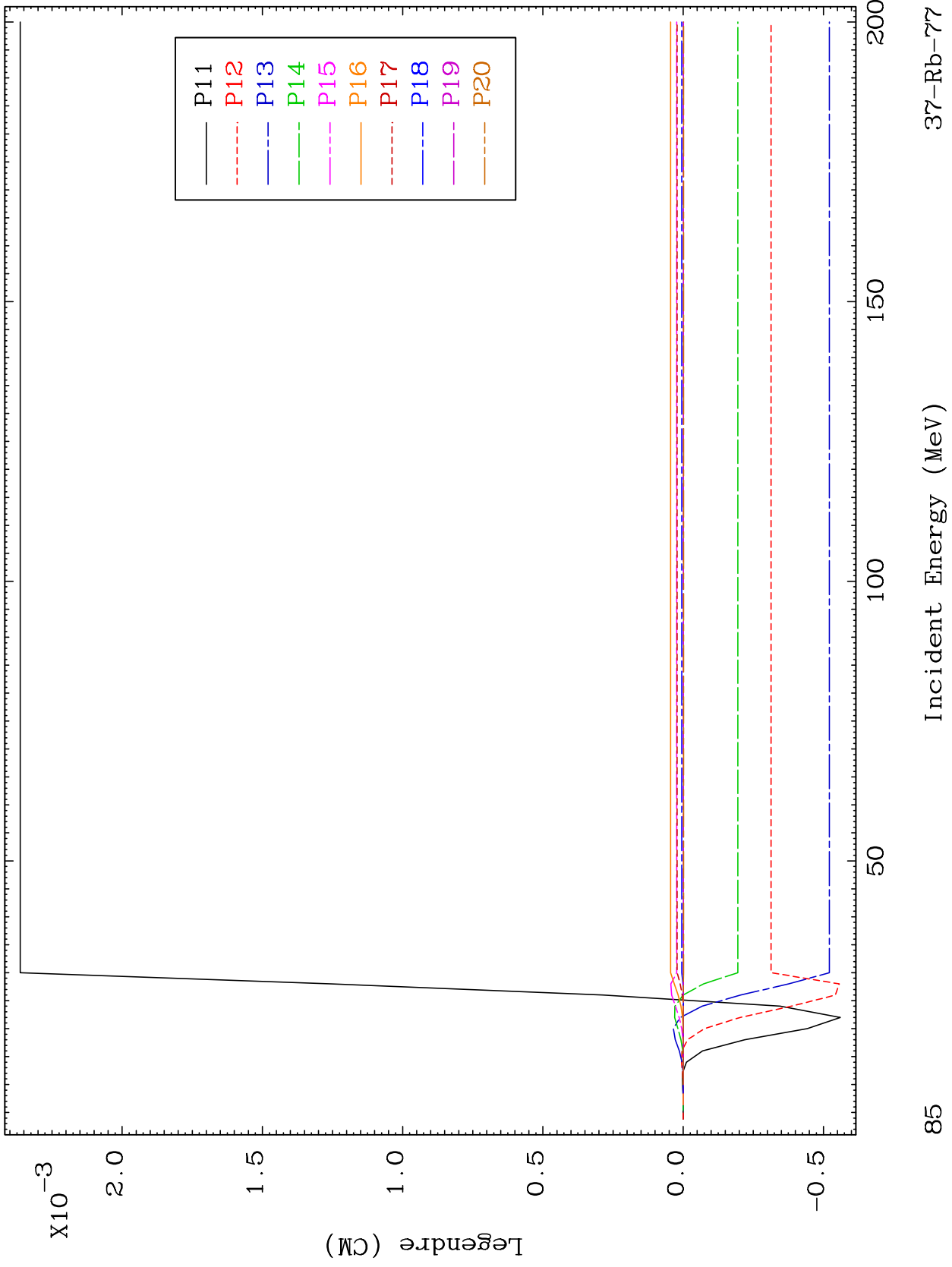
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

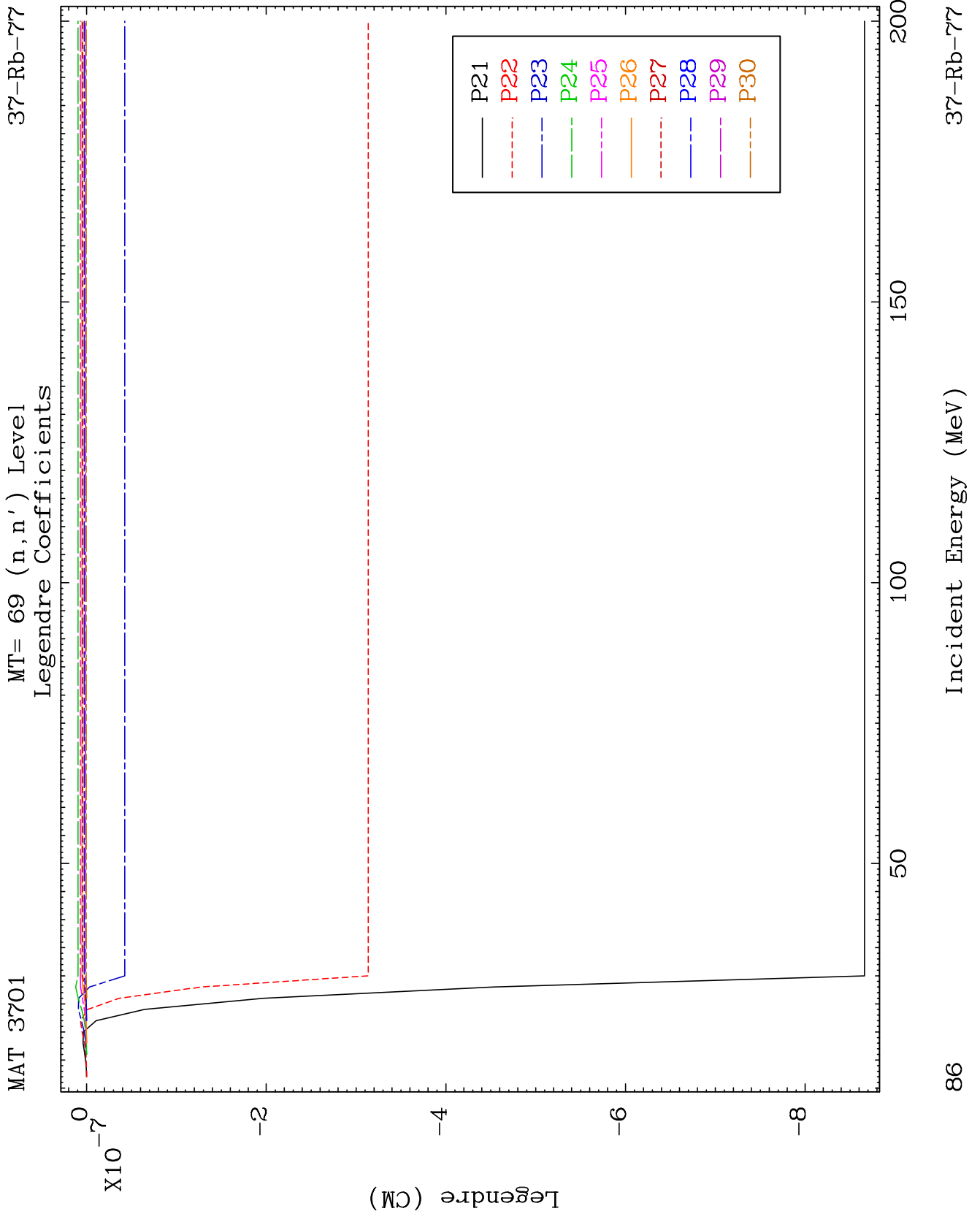
37-Rb-77



85

Incident Energy (MeV)

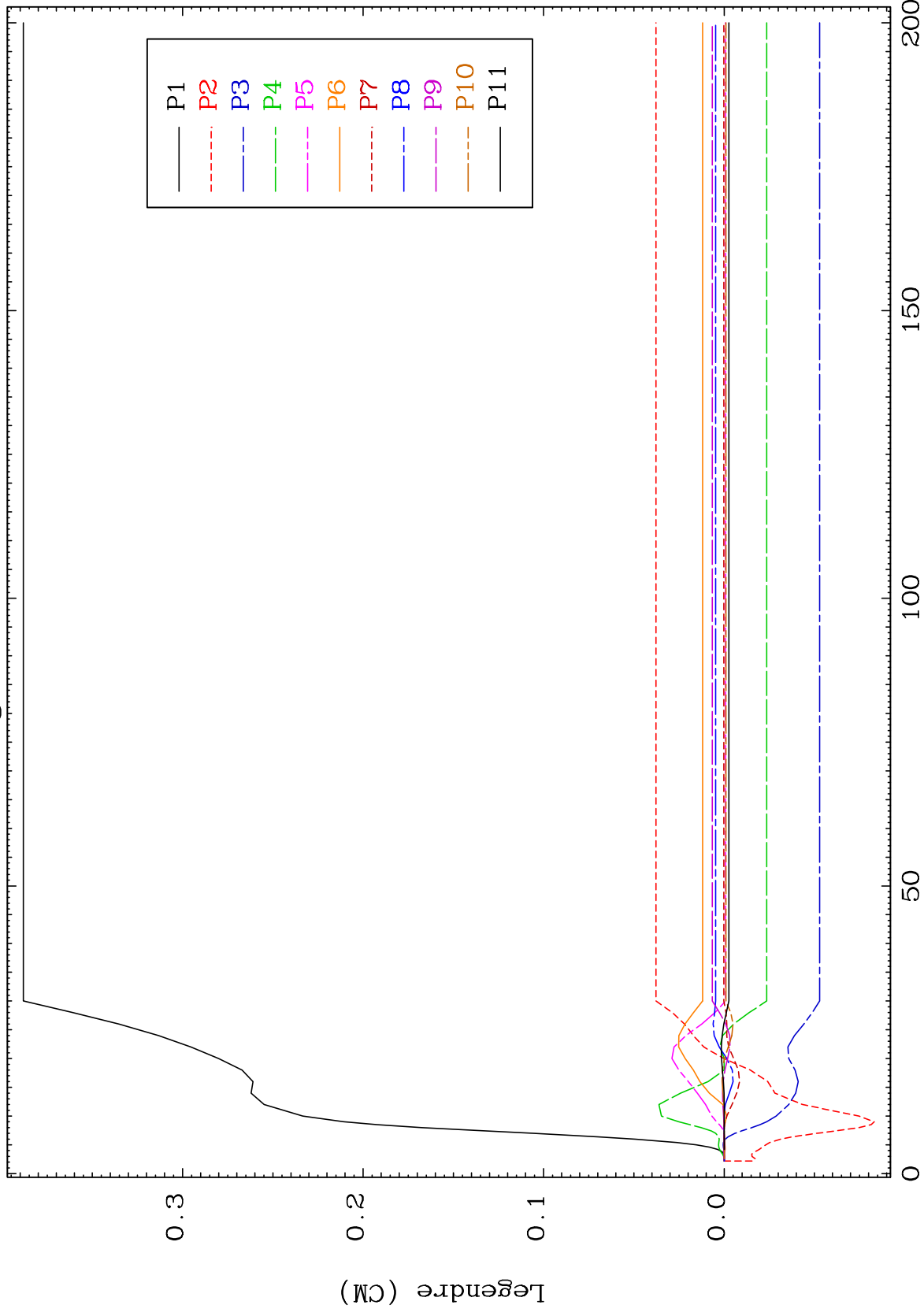
37-Rb-77



MAT 3701

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

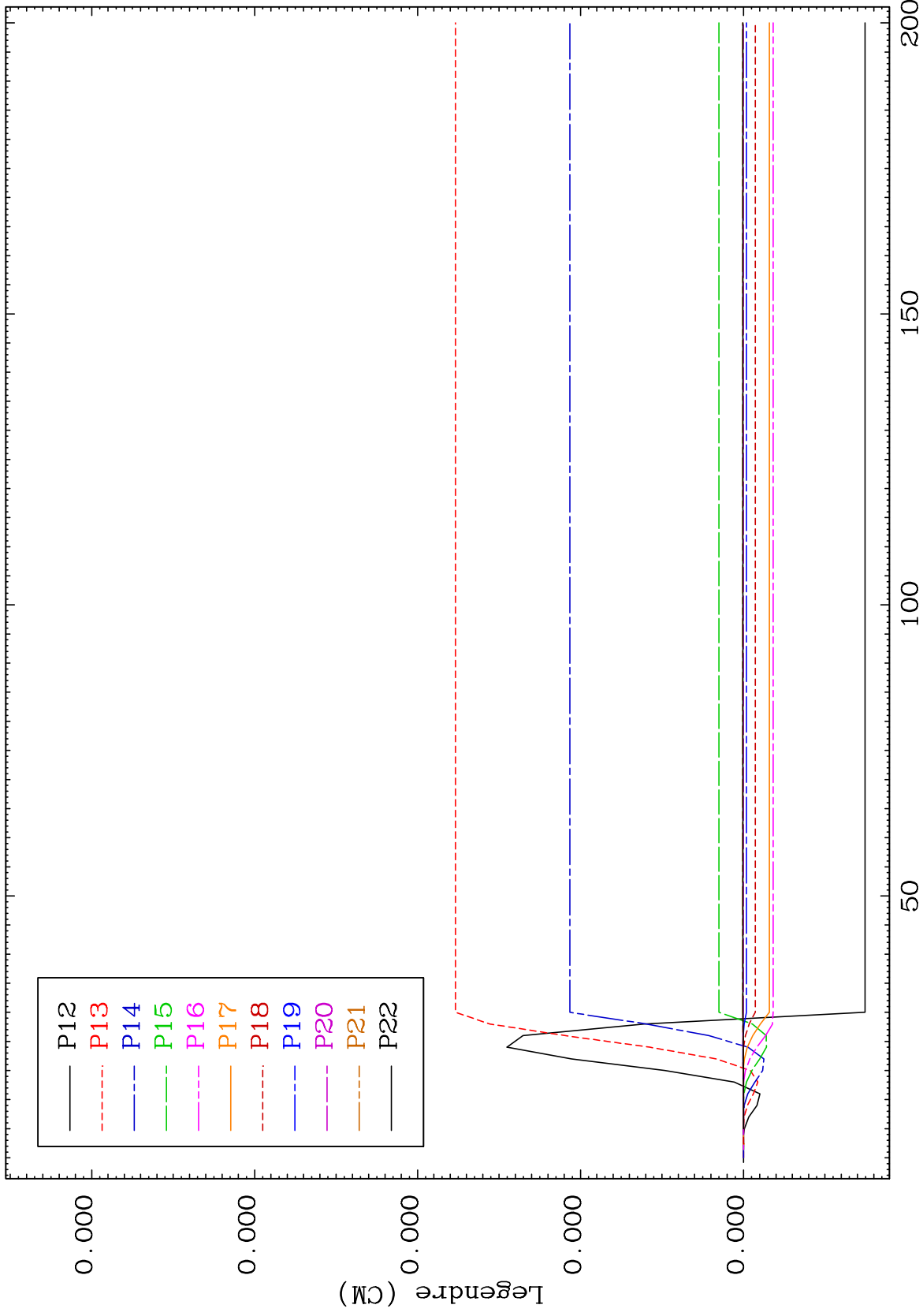
37-Rb-77



MAT 3701

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

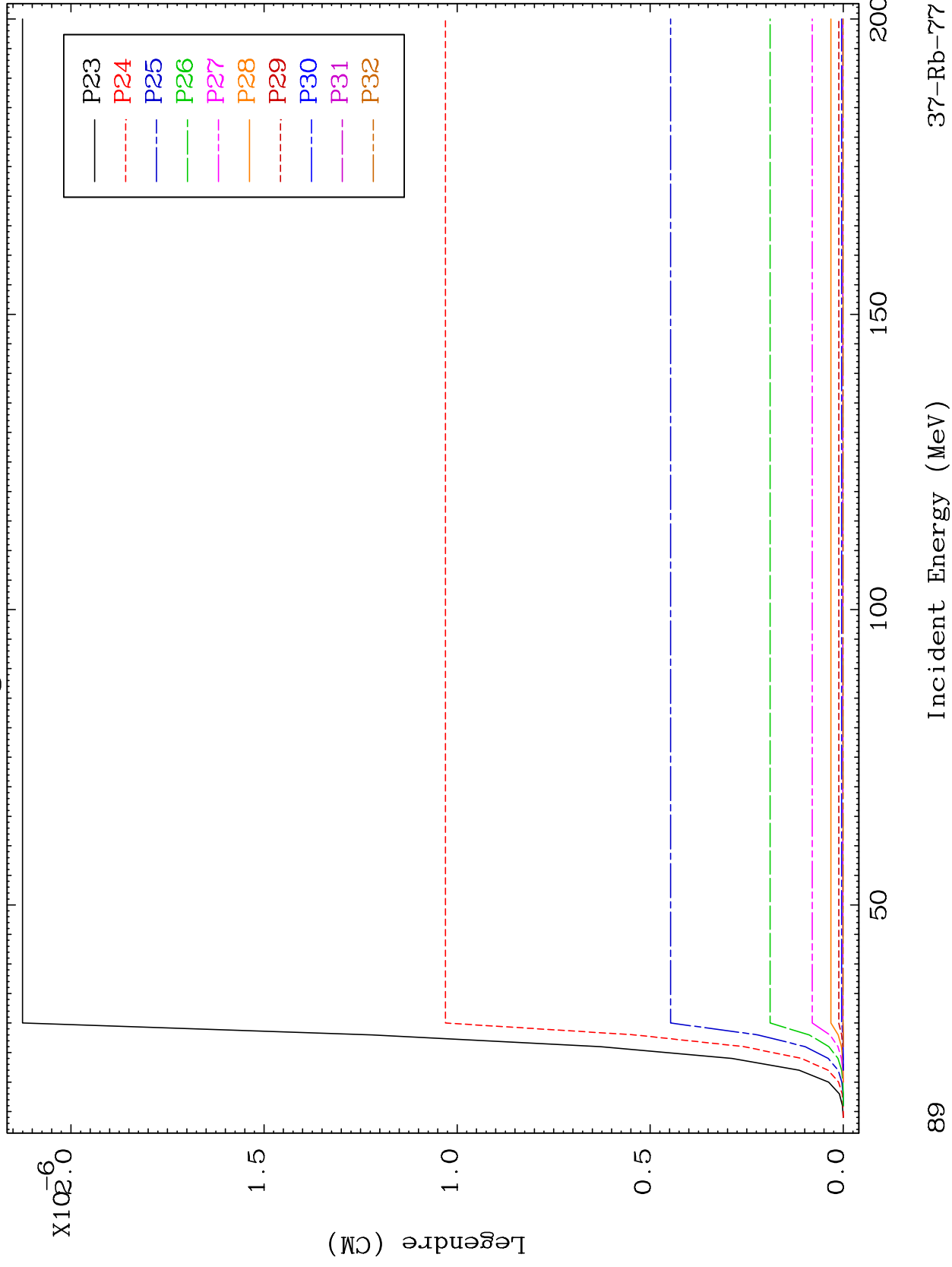
37-Rb-77



MAT 3701

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

37-Rb-77



89

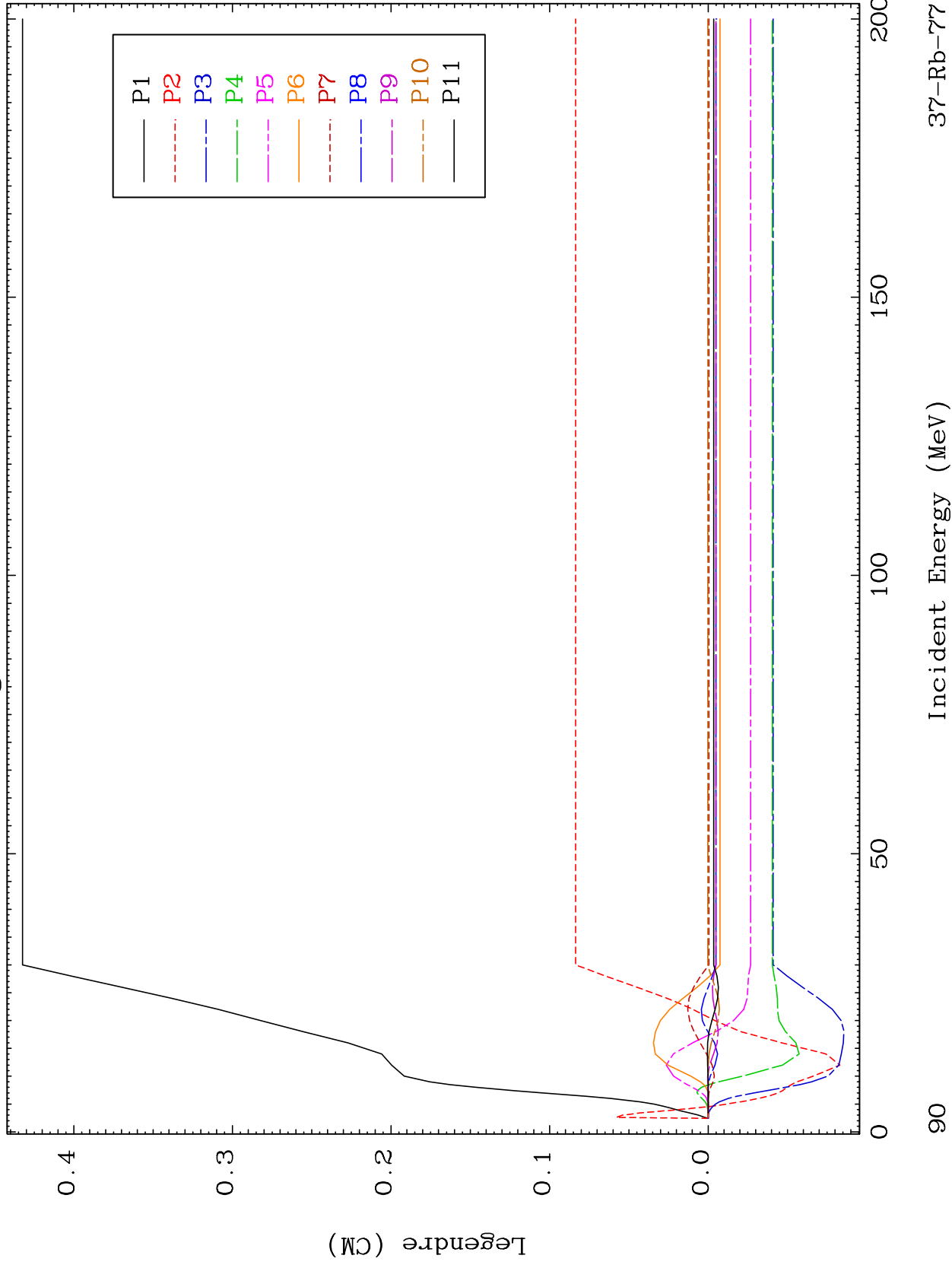
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

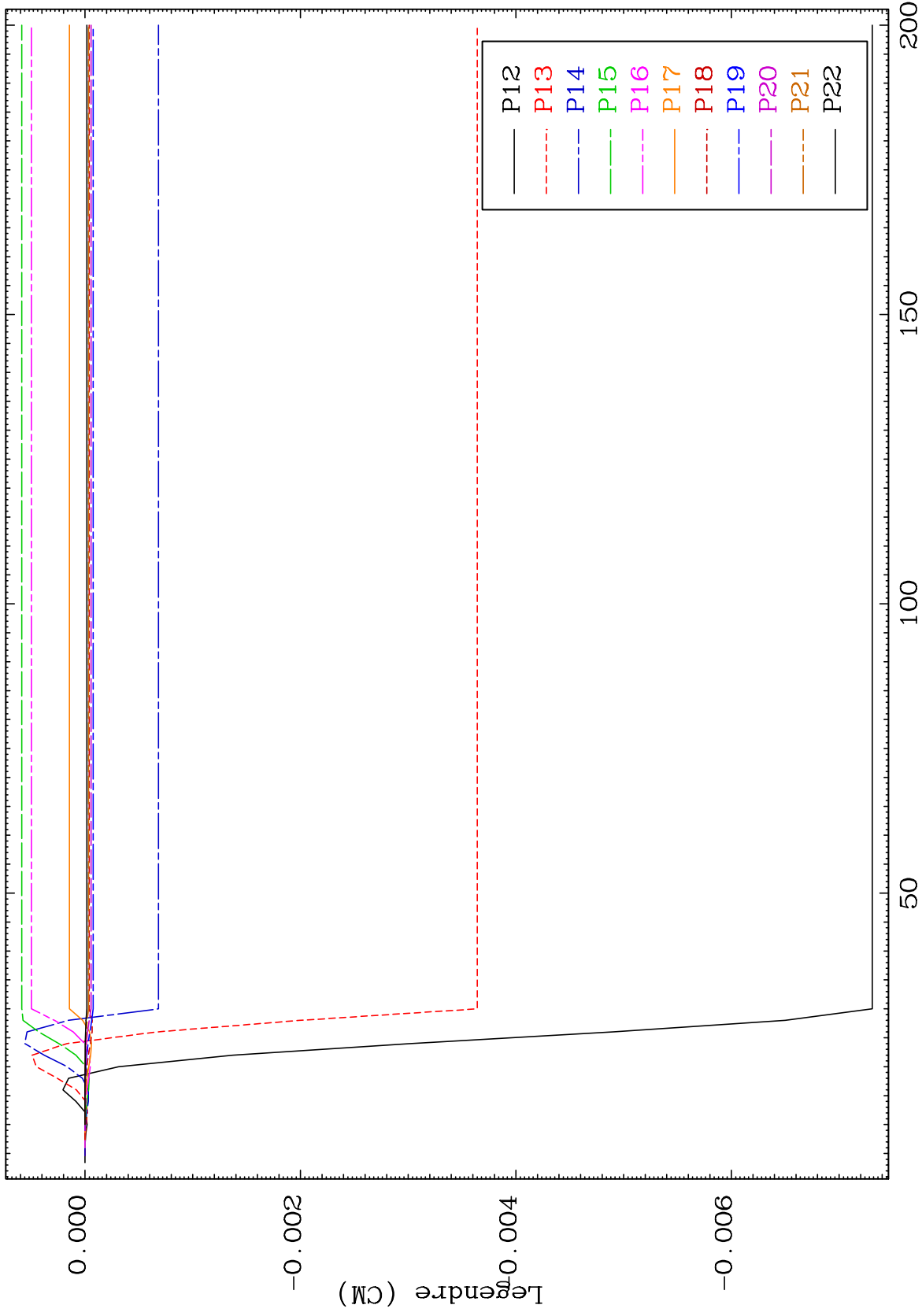
37-Rb-77

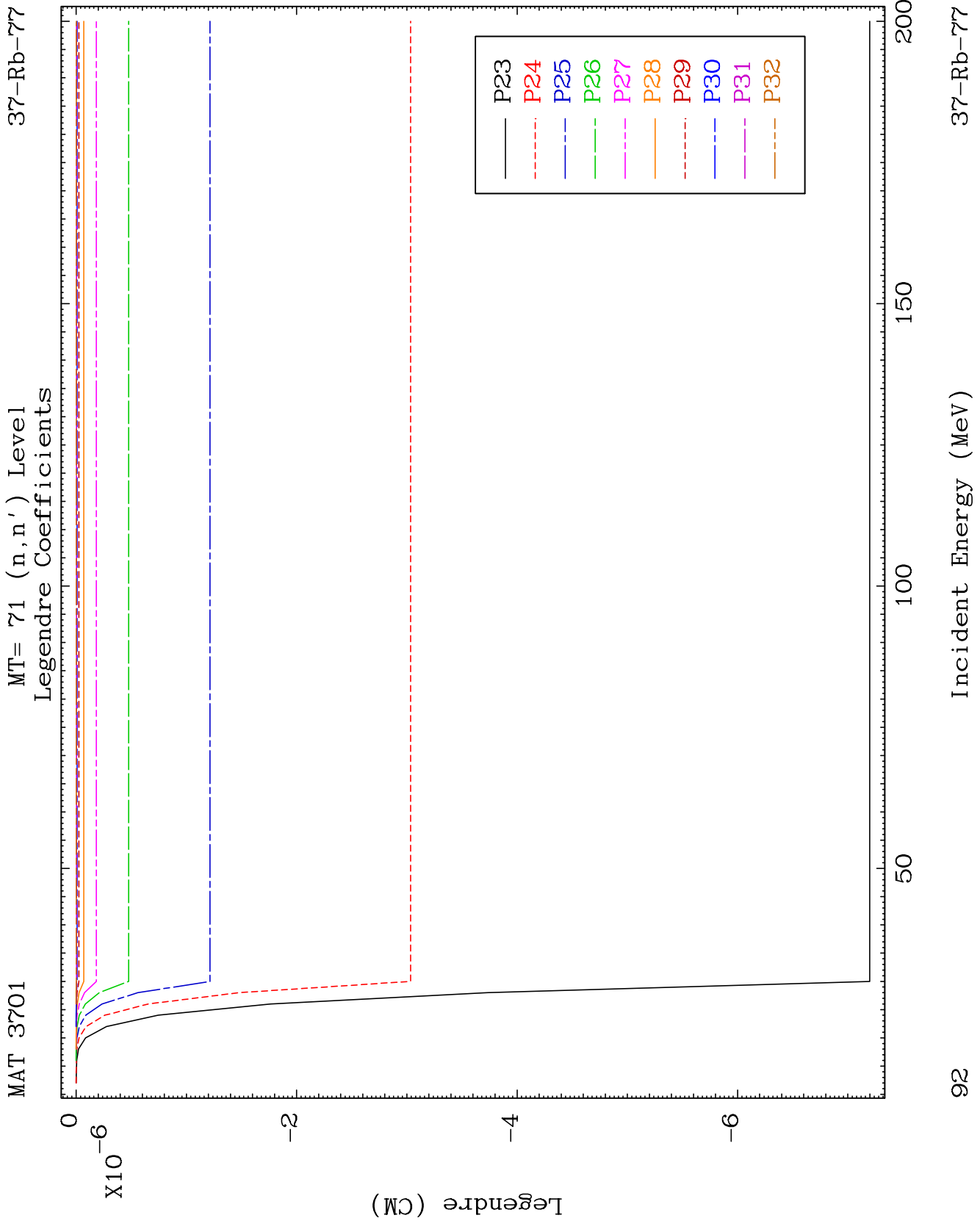


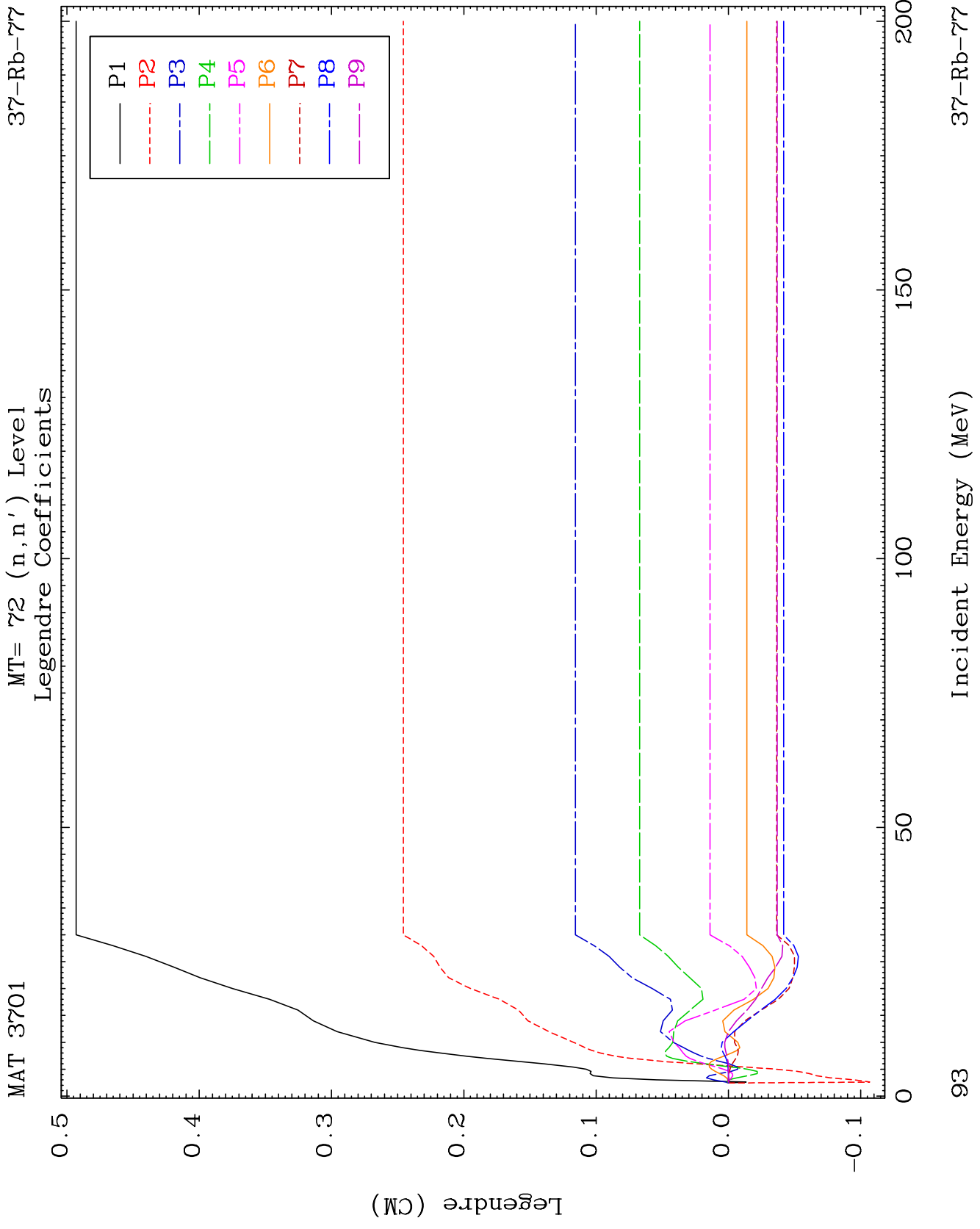
MAT 3701

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

37-Rb-77



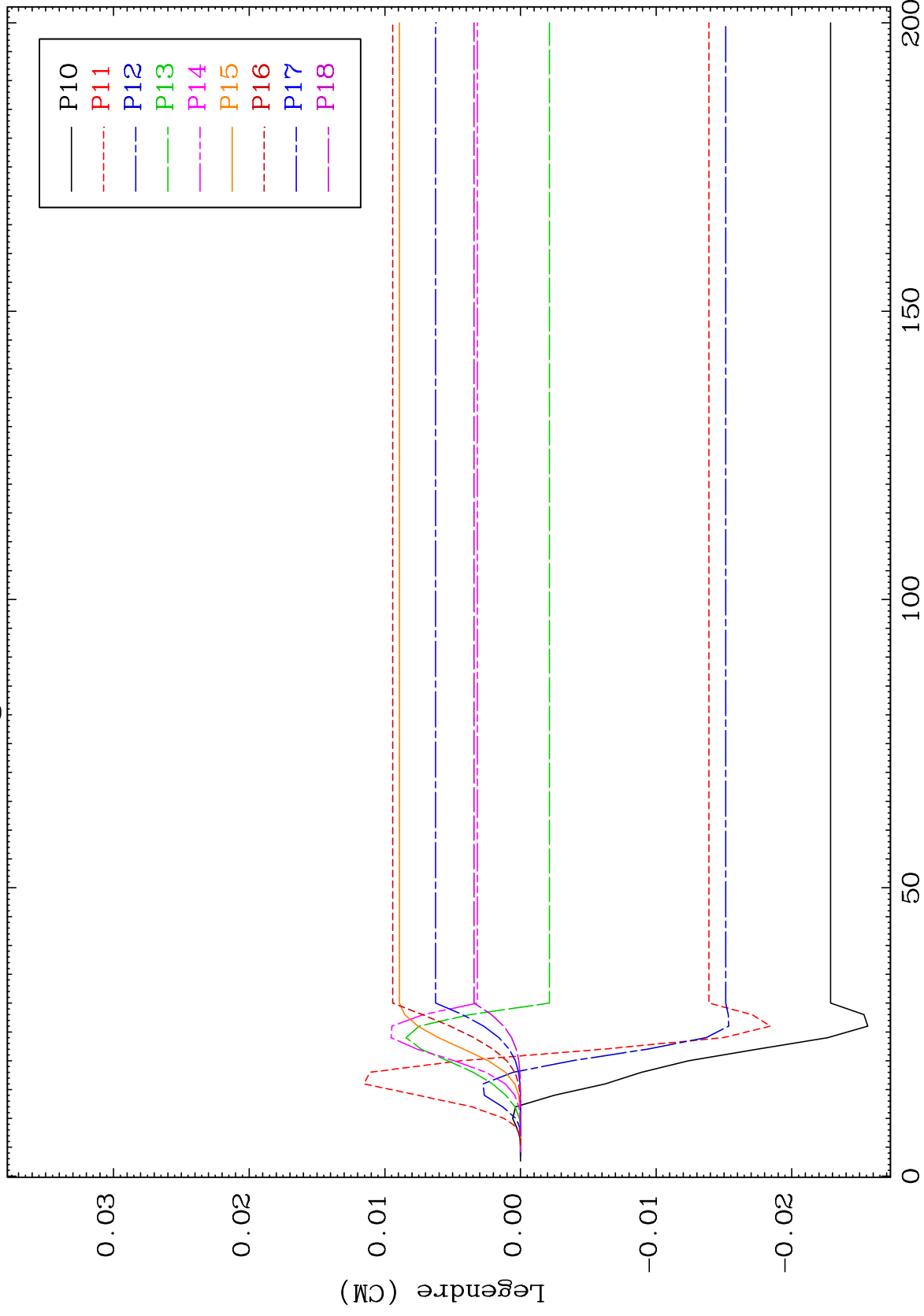




MAT 3701

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

37-Rb-77



94

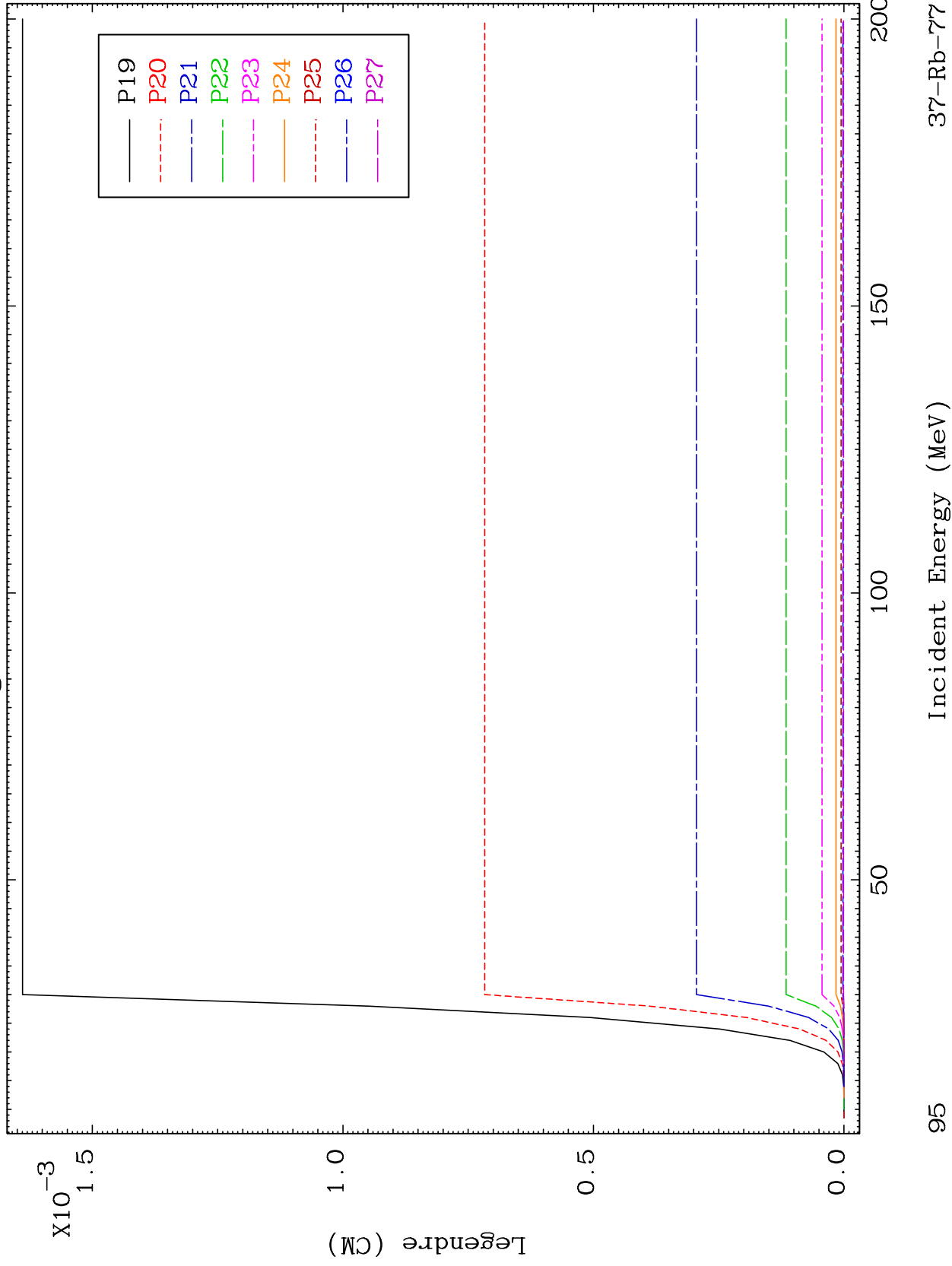
Incident Energy (MeV)

37-Rb-77

MAT 3701

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

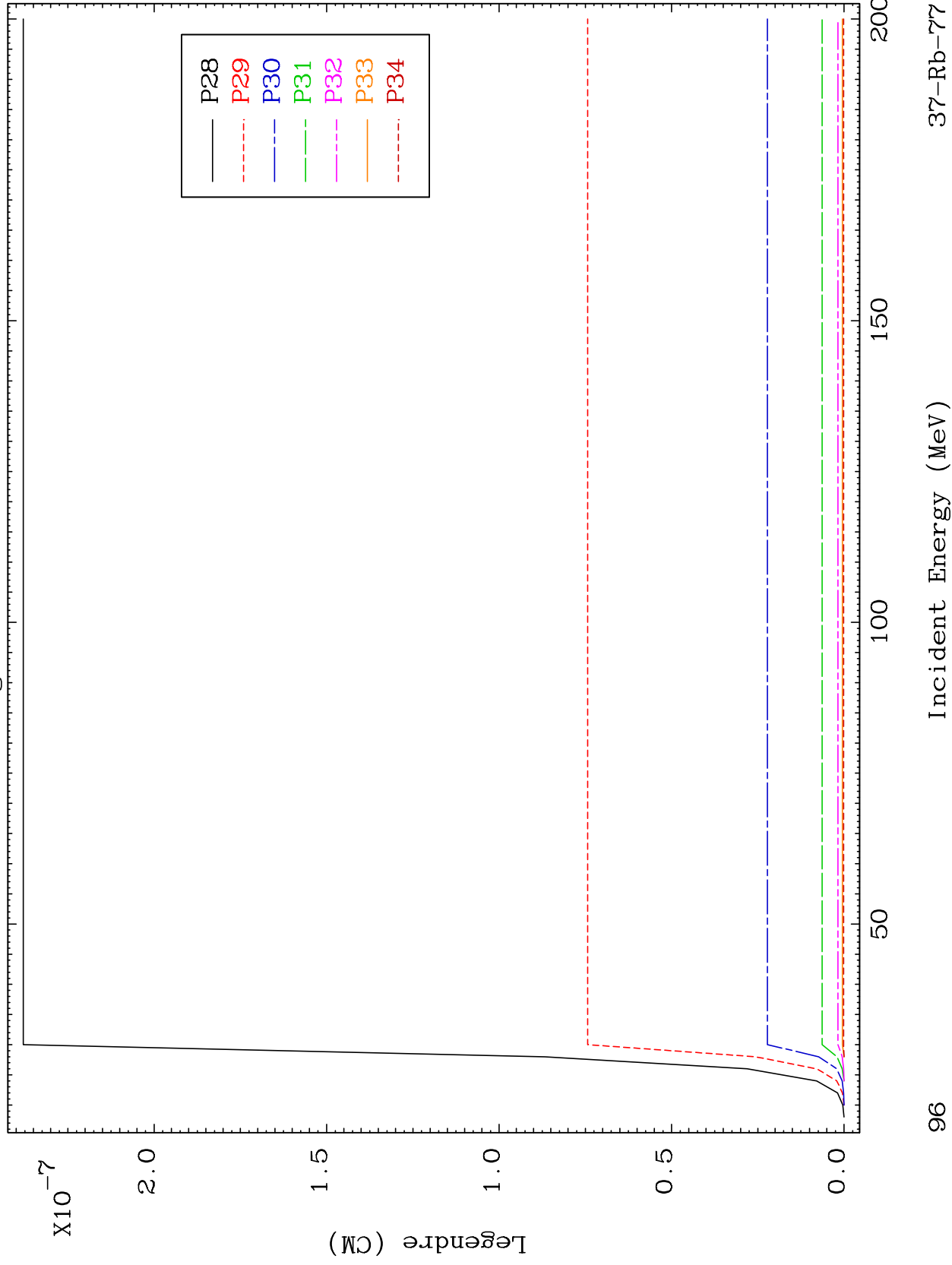
37-Rb-77



MAT 3701

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

37-Rb-77

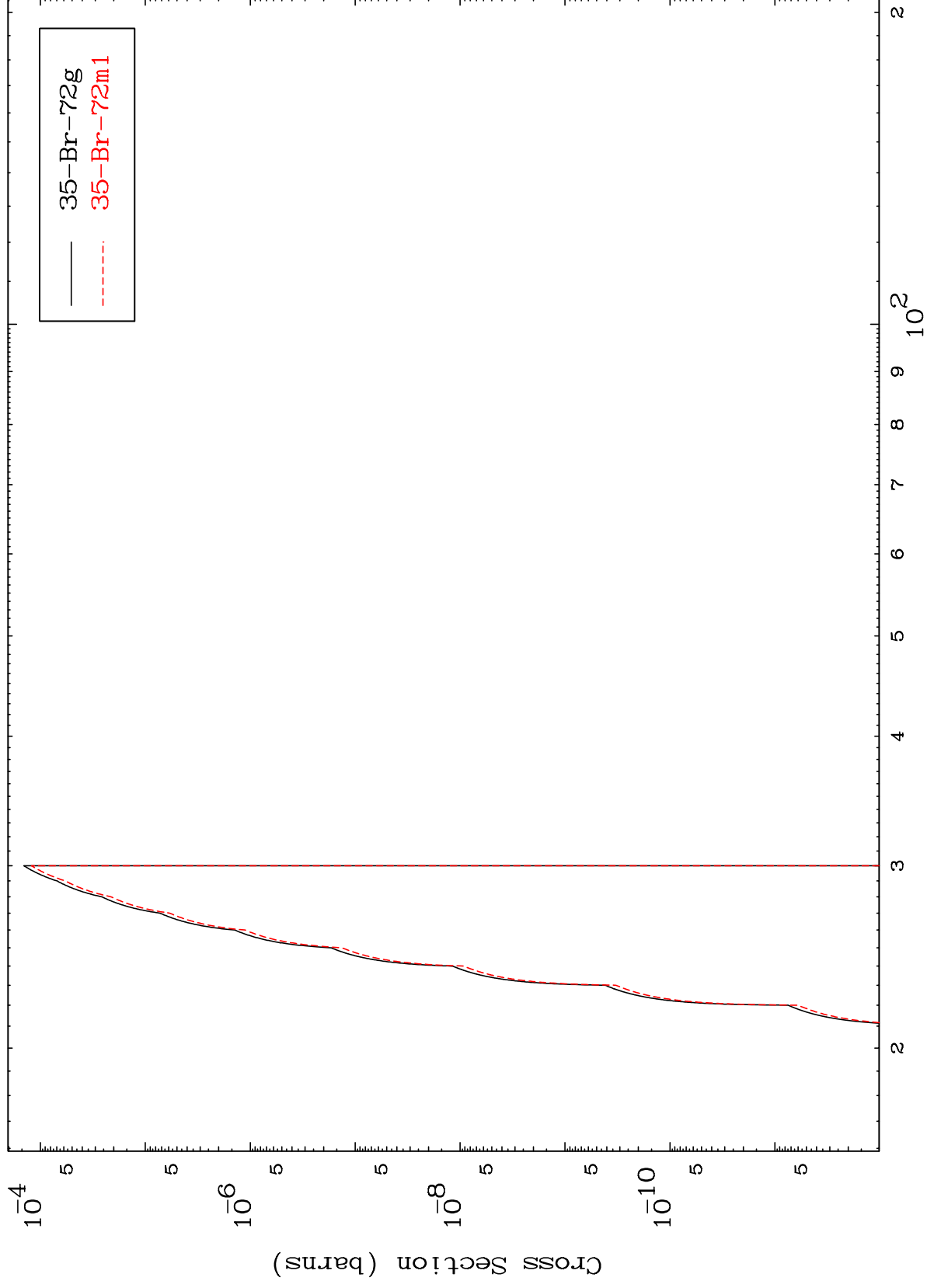


MAT 3701

$(n,2n) \alpha$

37-Rb-77

Radionuclide Production Cross Section



97

Incident Energy (MeV)

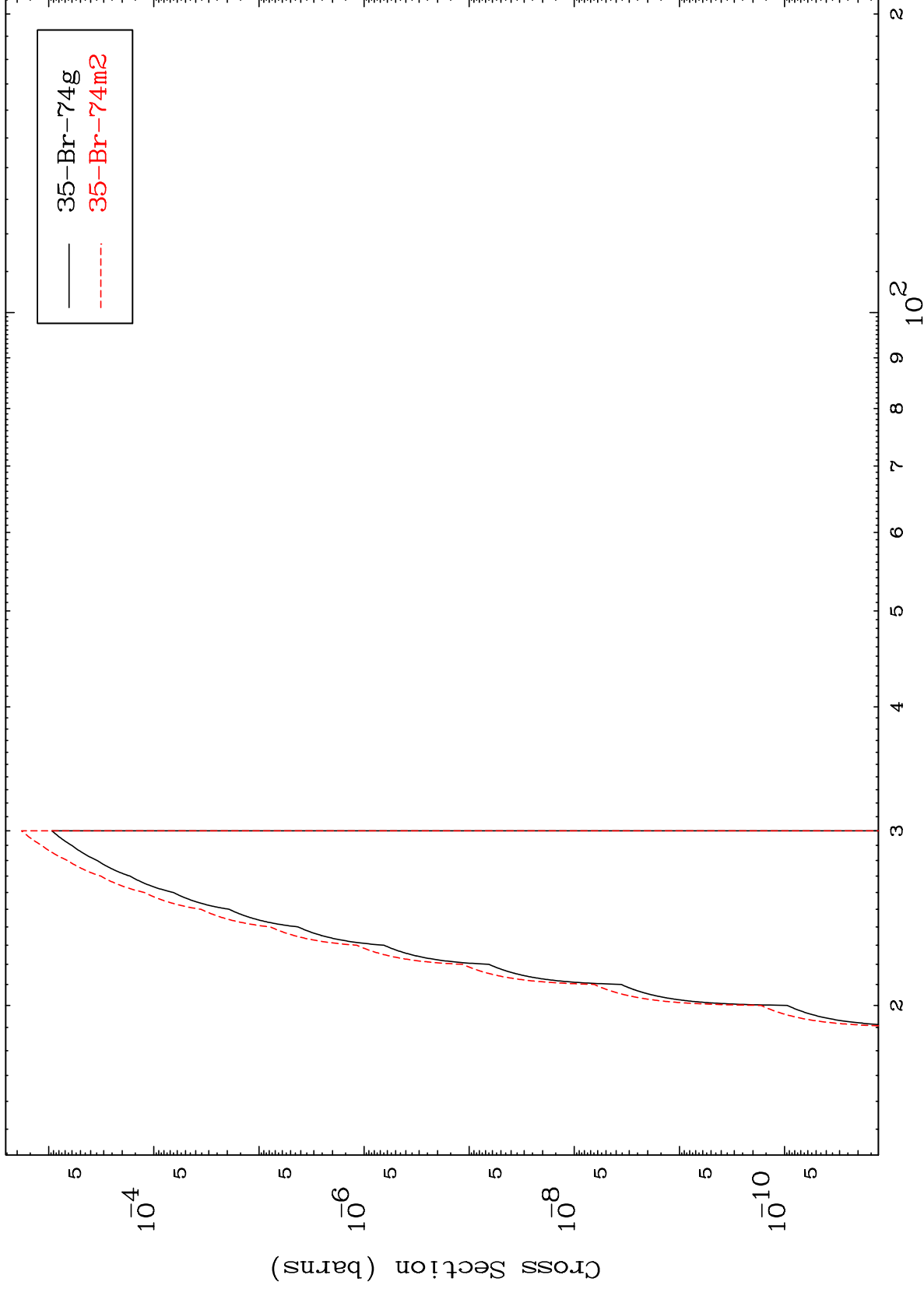
37-Rb-77

MAT 3701

(n,n') He-3

37-Rb-77

Radionuclide Production Cross Section



98

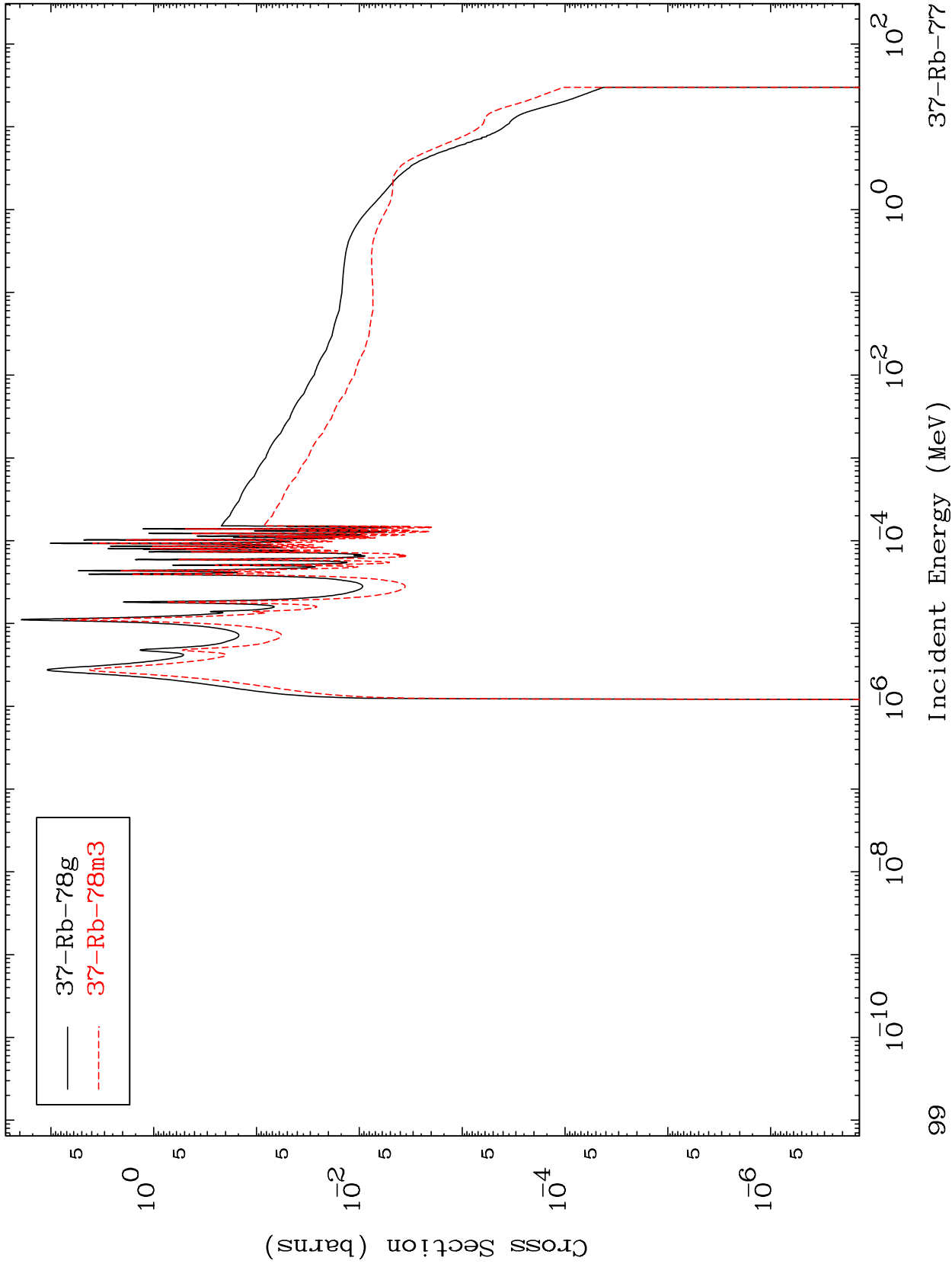
Incident Energy (MeV)

37-Rb-77

MAT 3701

³⁷Rb-77

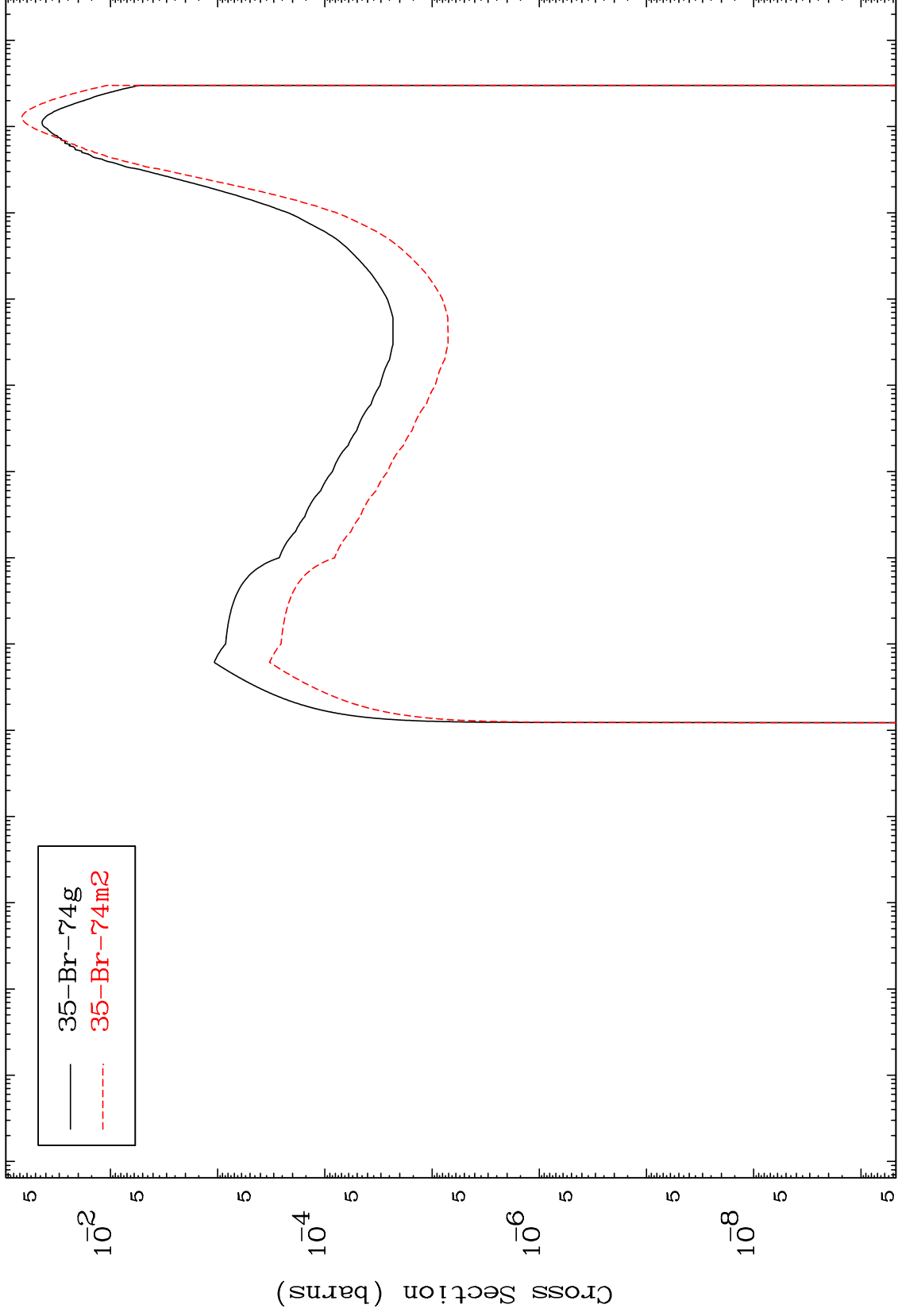
Radionuclide Production Cross Section (n,γ)



MAT 3701

³⁷Rb-⁷⁷

Radionuclide Production Cross Section



— 35-Br-74g
- - - 35-Br-74m2

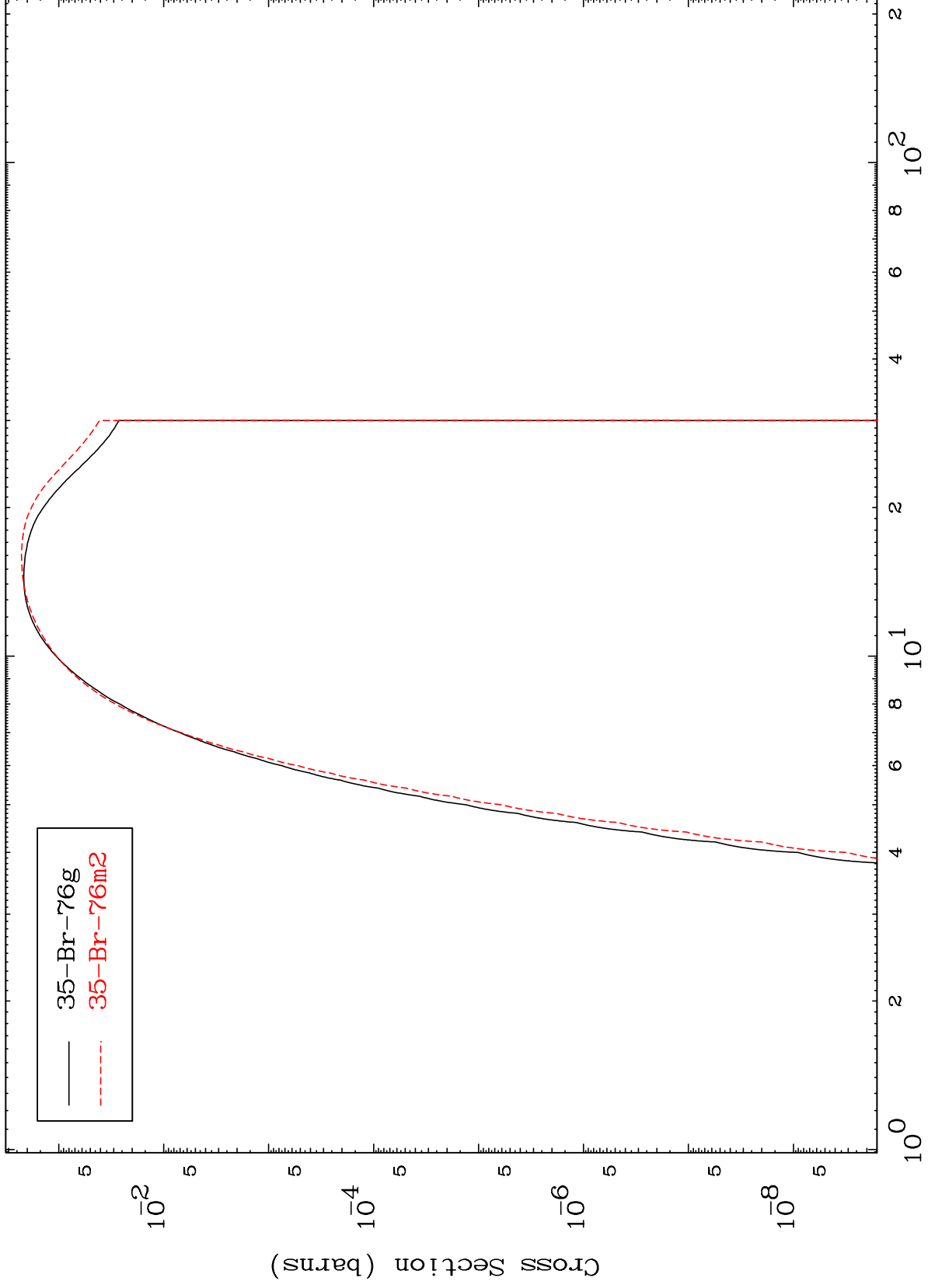
100

³⁷Rb-⁷⁷

MAT 3701

37-Rb-77

(n,2p)
Radionuclide Production Cross Section



101

Incident Energy (MeV)

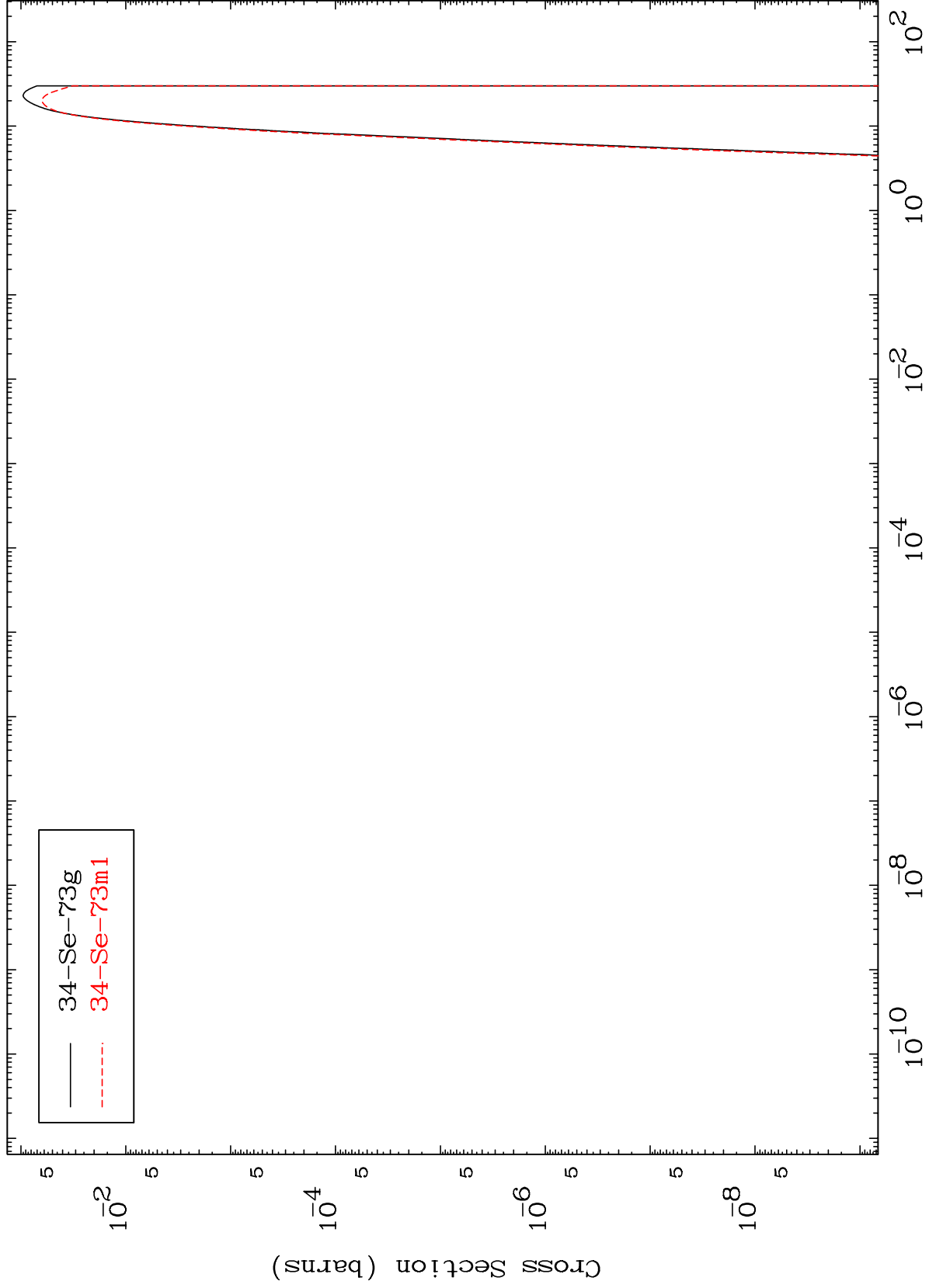
37-Rb-77

MAT 3701

(n,p) α

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

Radionuclide Production Cross Section



102

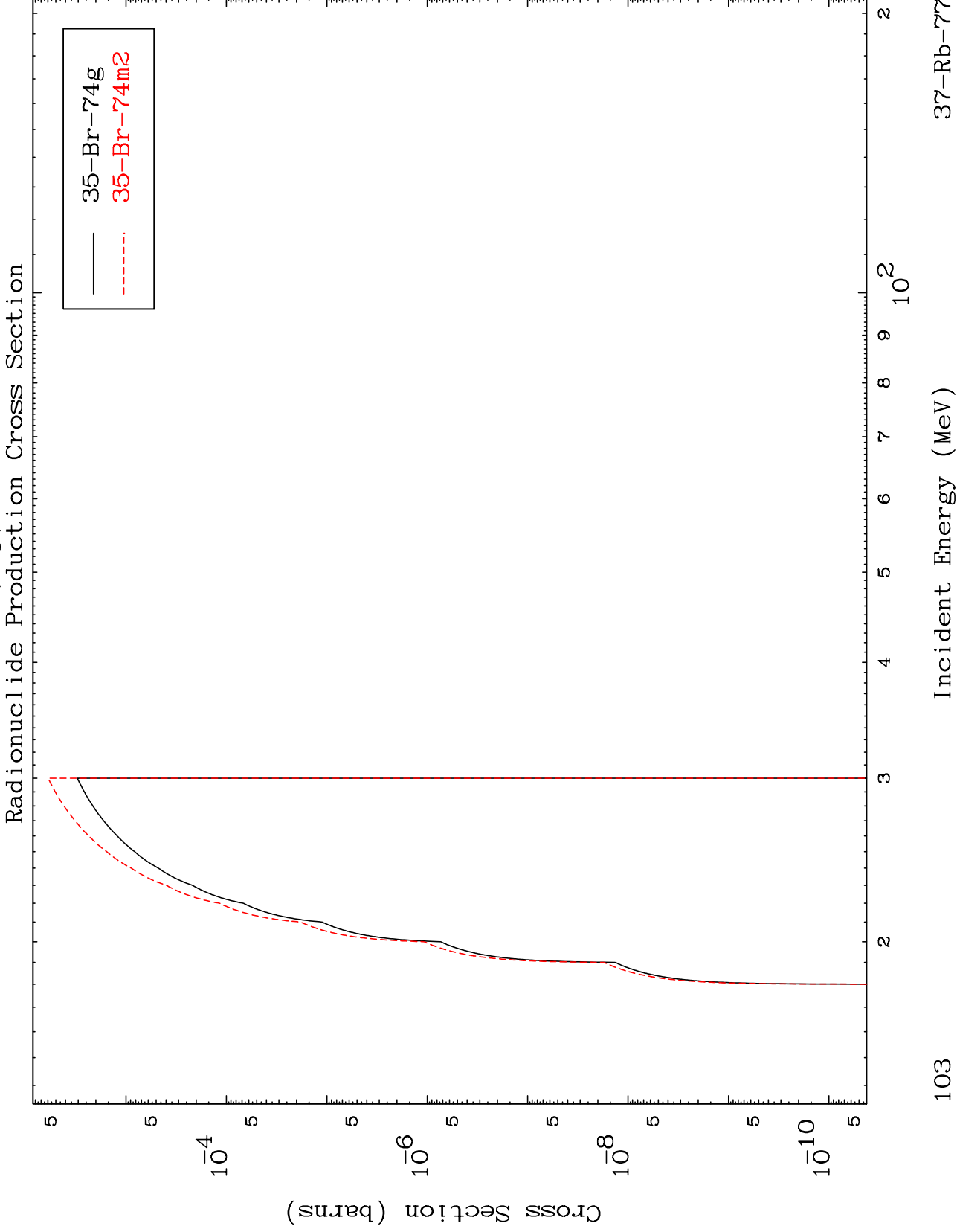
Incident Energy (MeV)

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

MAT 3701

(n,p) t

37-Rb-77



103

Incident Energy (MeV)

37-Rb-77