

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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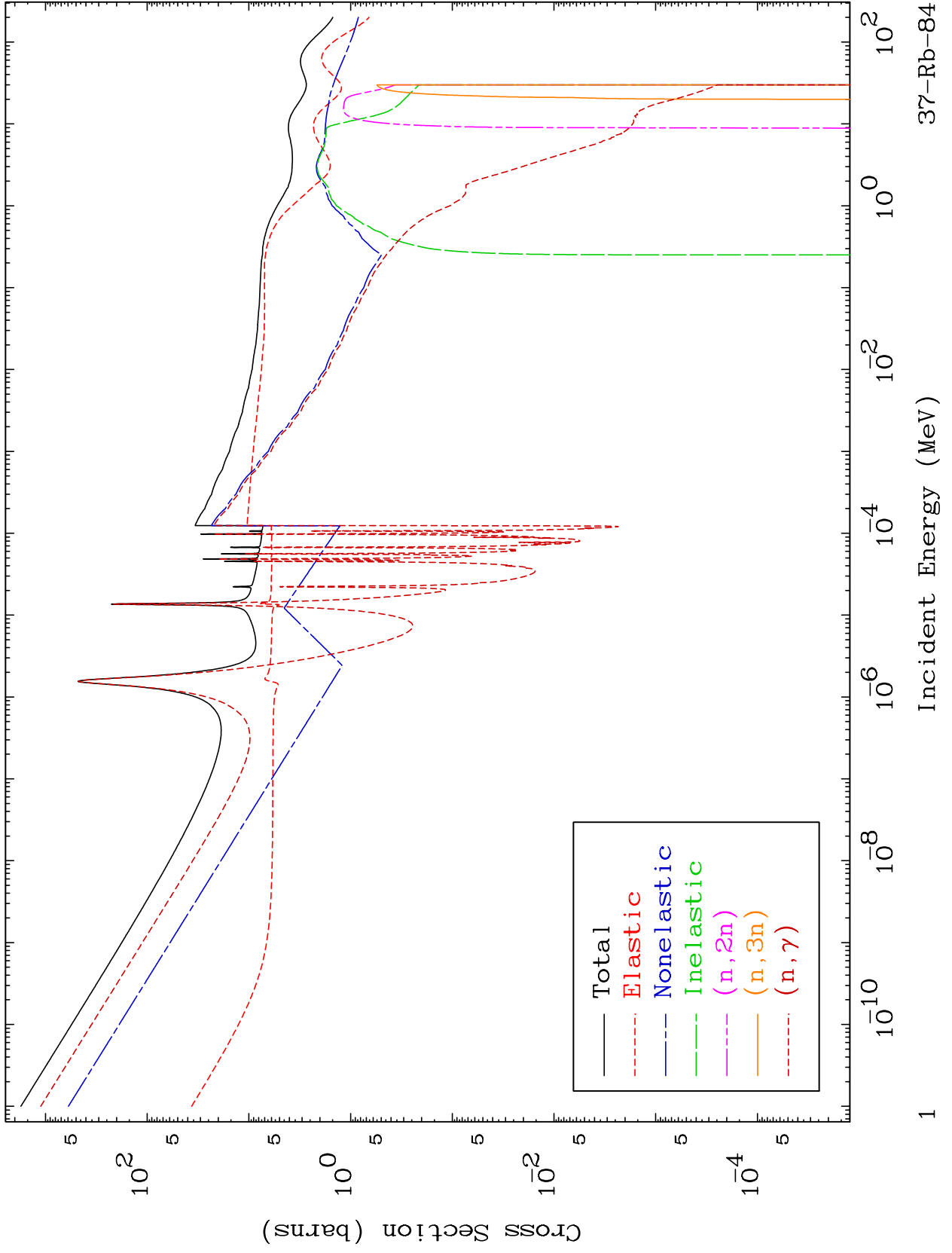
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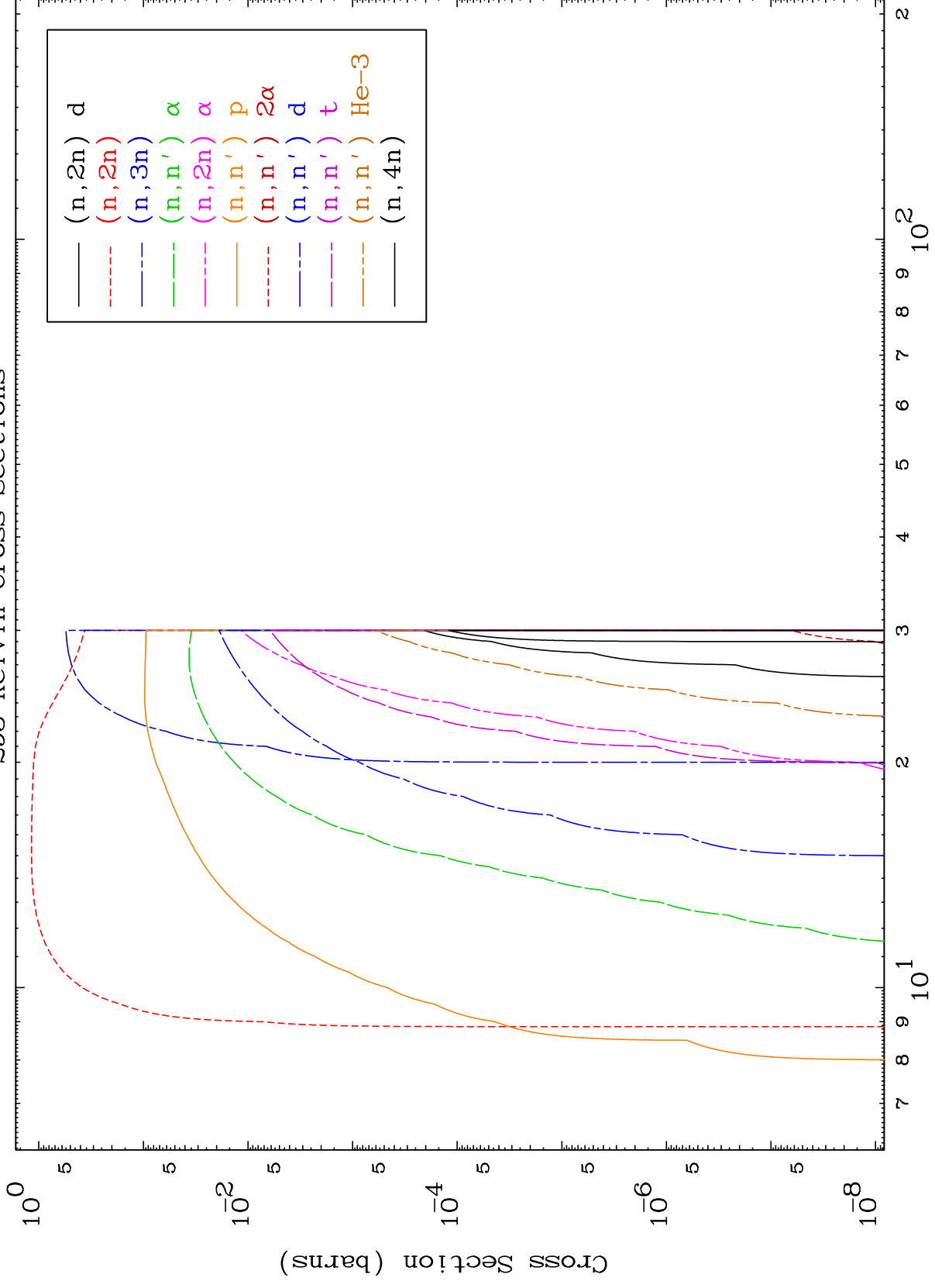
Press Mouse Button to Start

MAT 3722

Neutron Major  
293 Kelvin Cross Sections

37-Rb-84

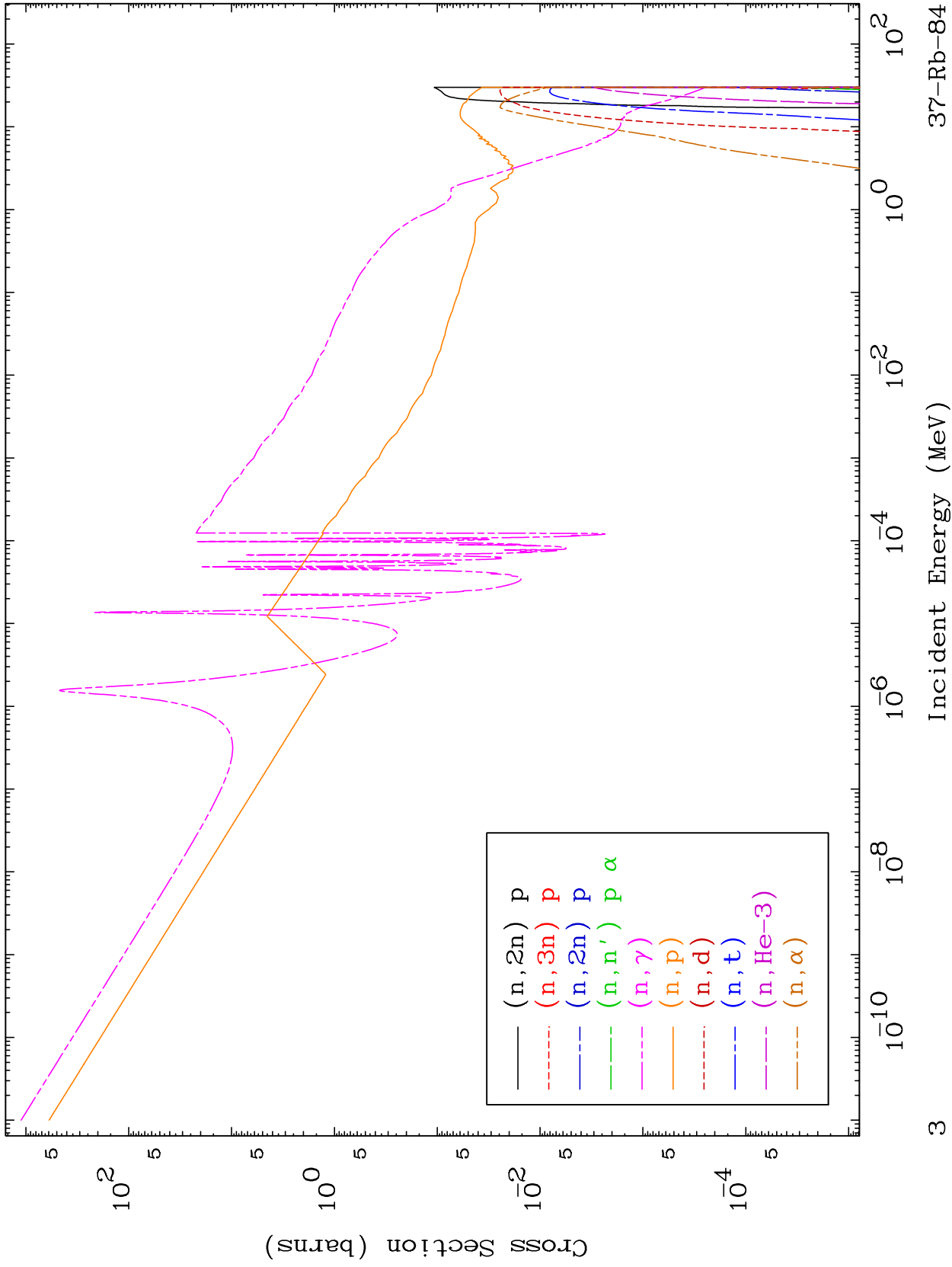




MAT 3722

Neutron Absorption  
293 Kelvin Cross Sections

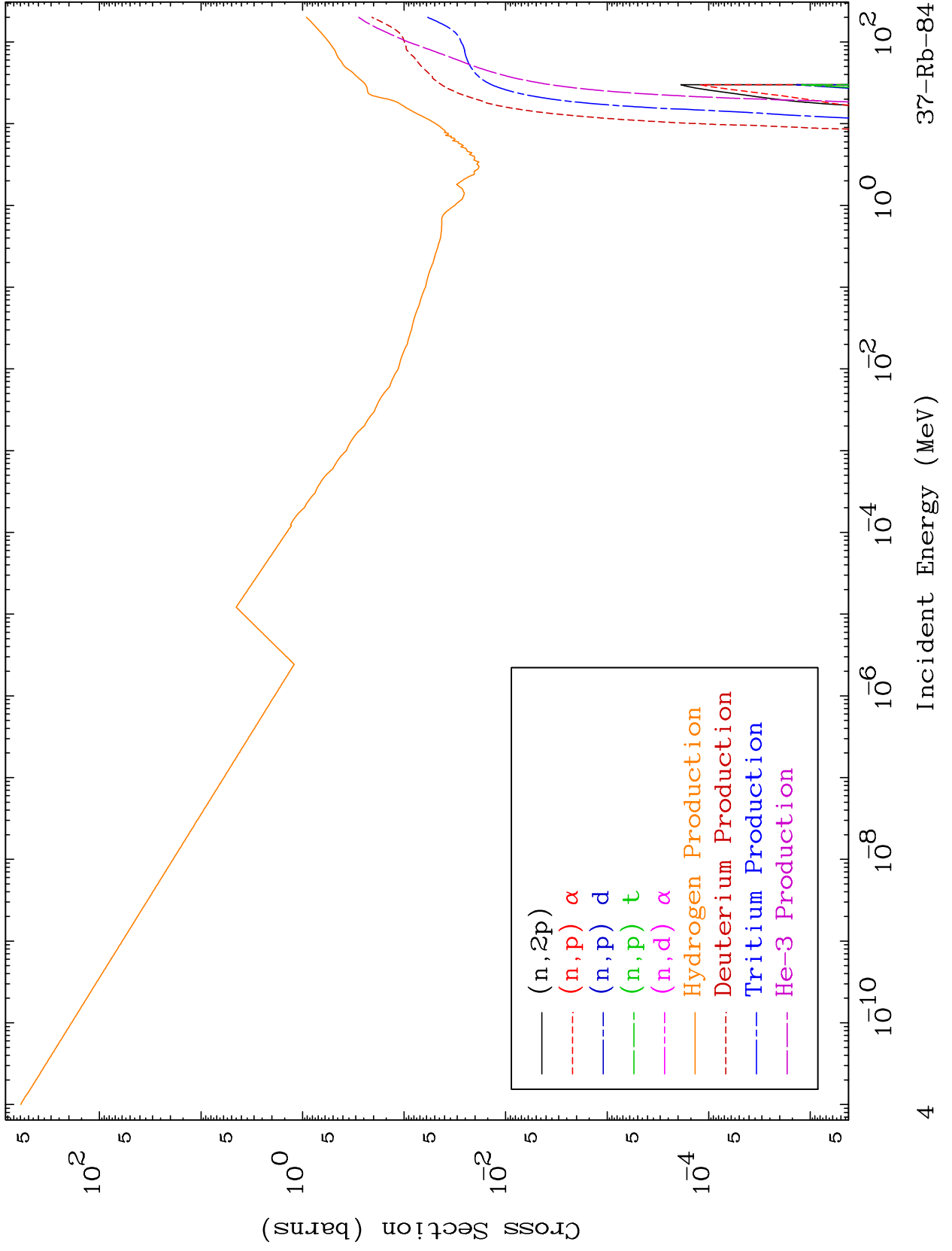
37-Rb-84

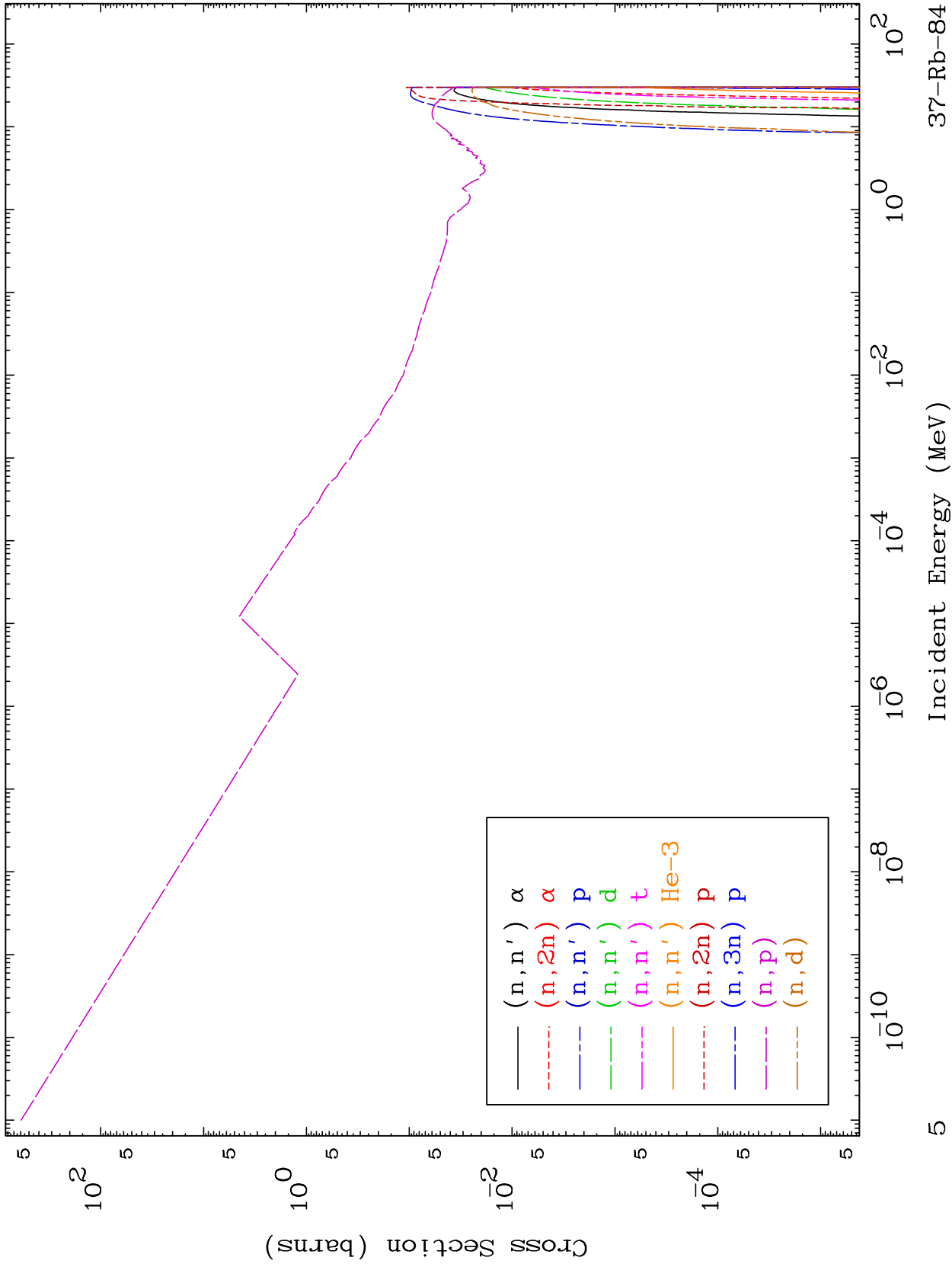


MAT 3722

Neutron Absorption  
293 Kelvin Cross Sections

37-Rb-84

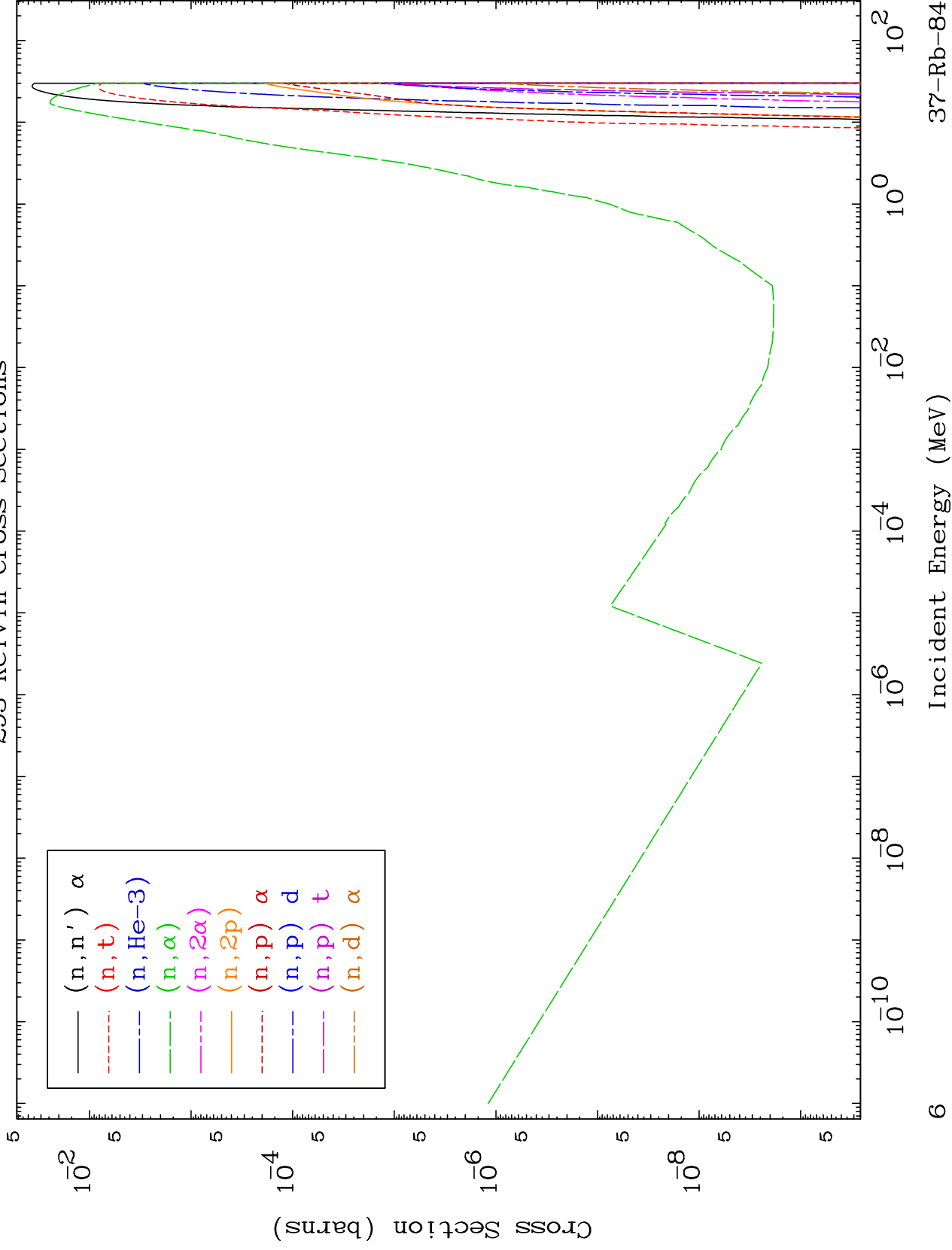




MAT 3722

Charged Particle  
293 Kelvin Cross Sections

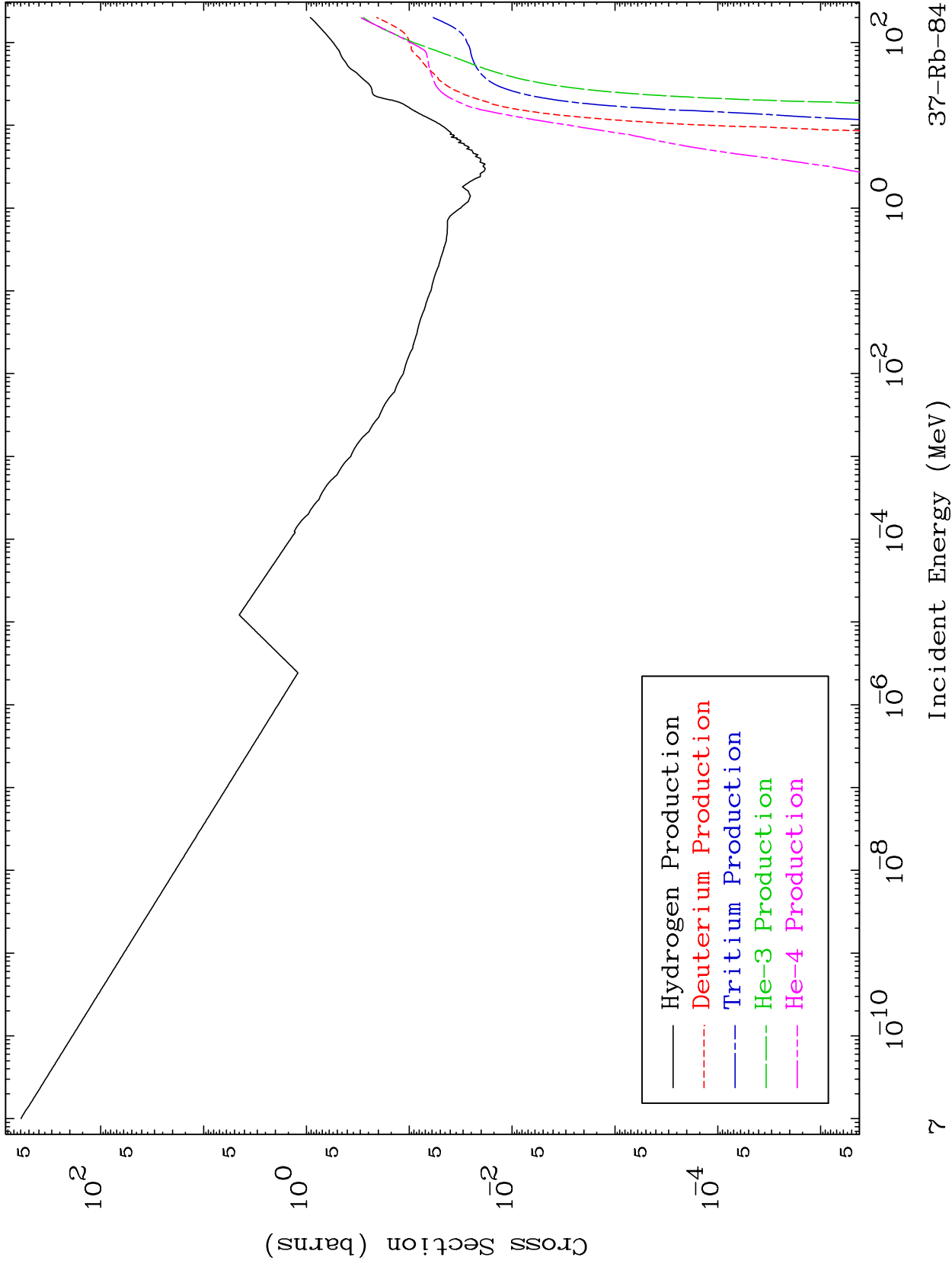
37-Rb-84



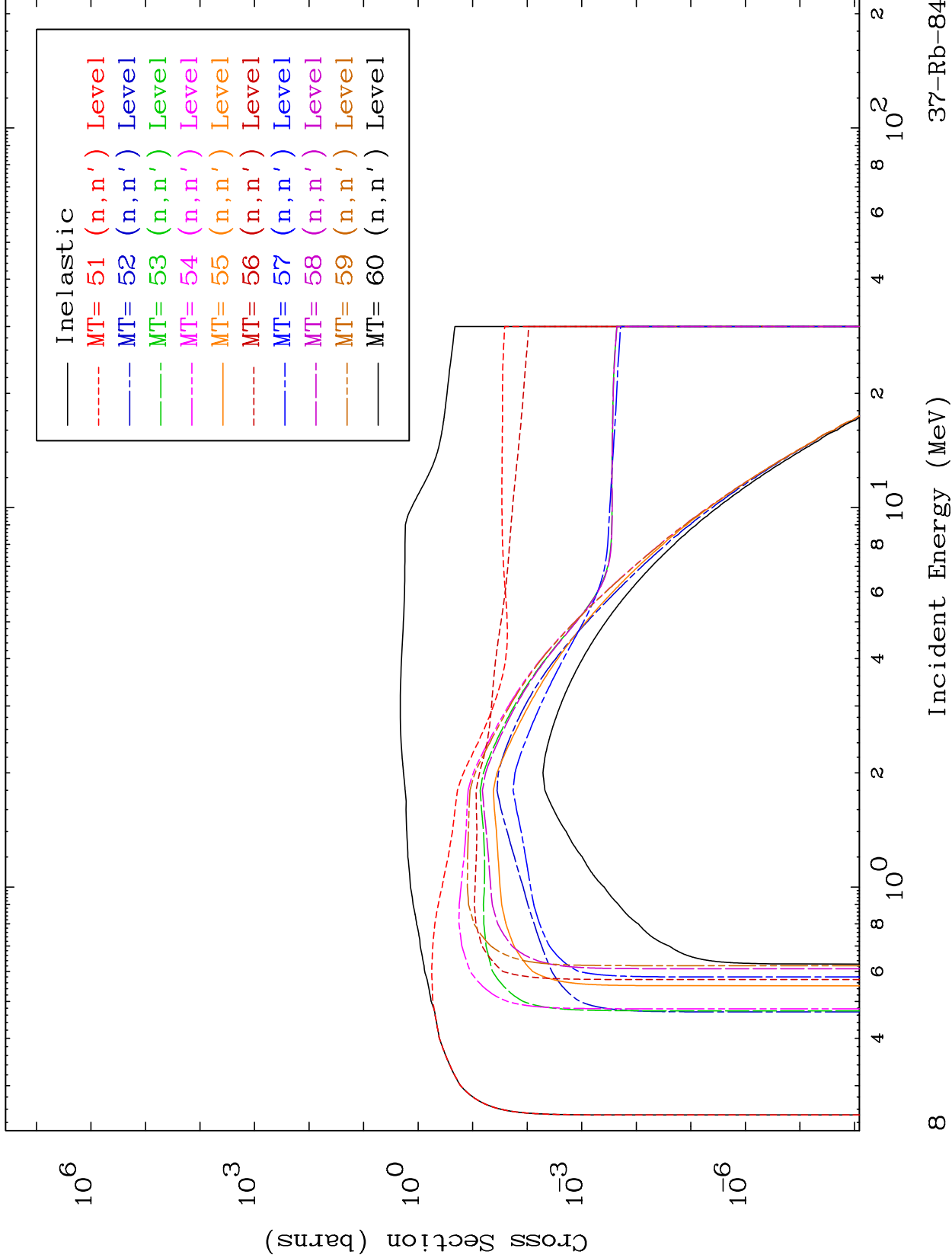
MAT 3722

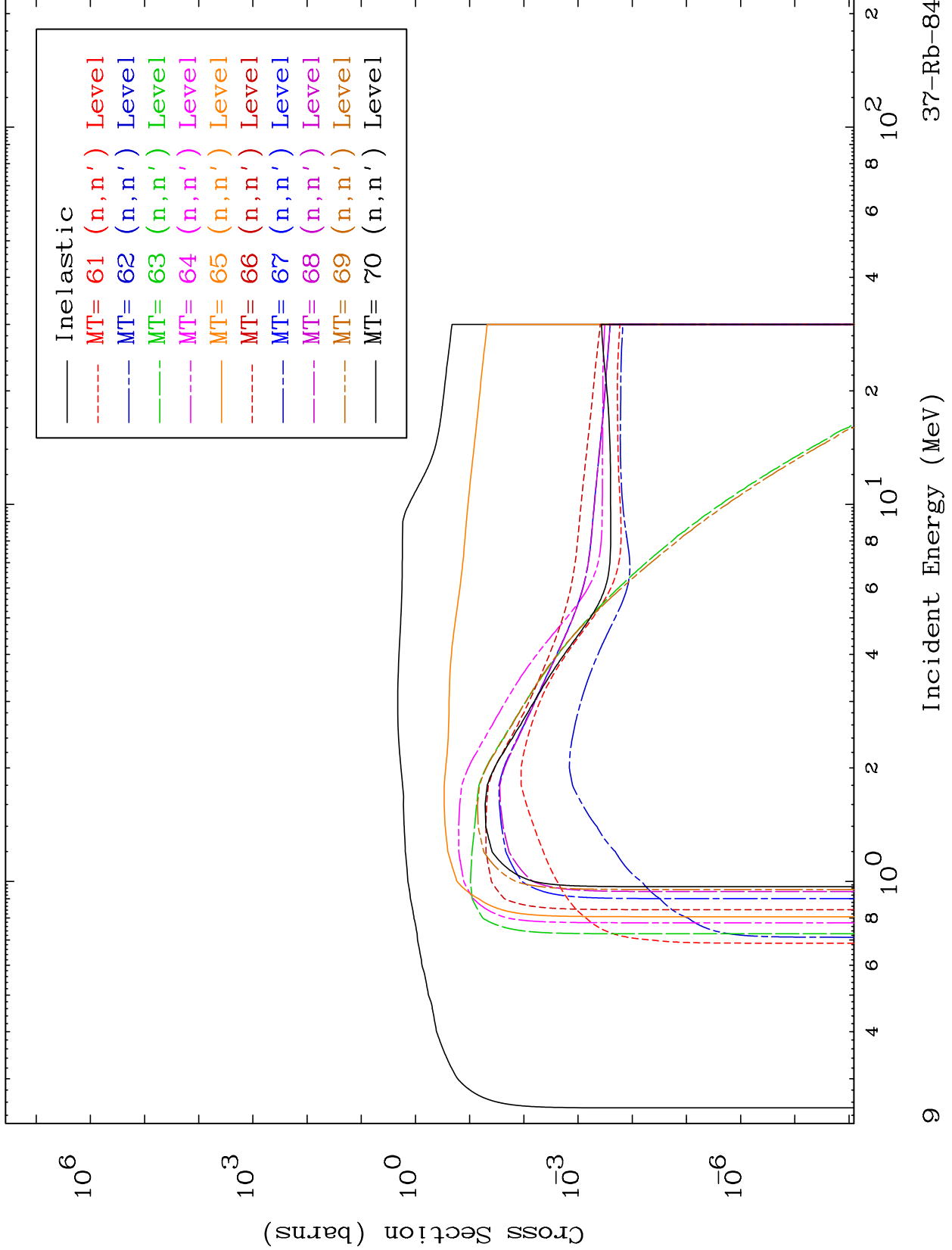
Particle Production  
293 Kelvin Cross Sections

37-Rb-84





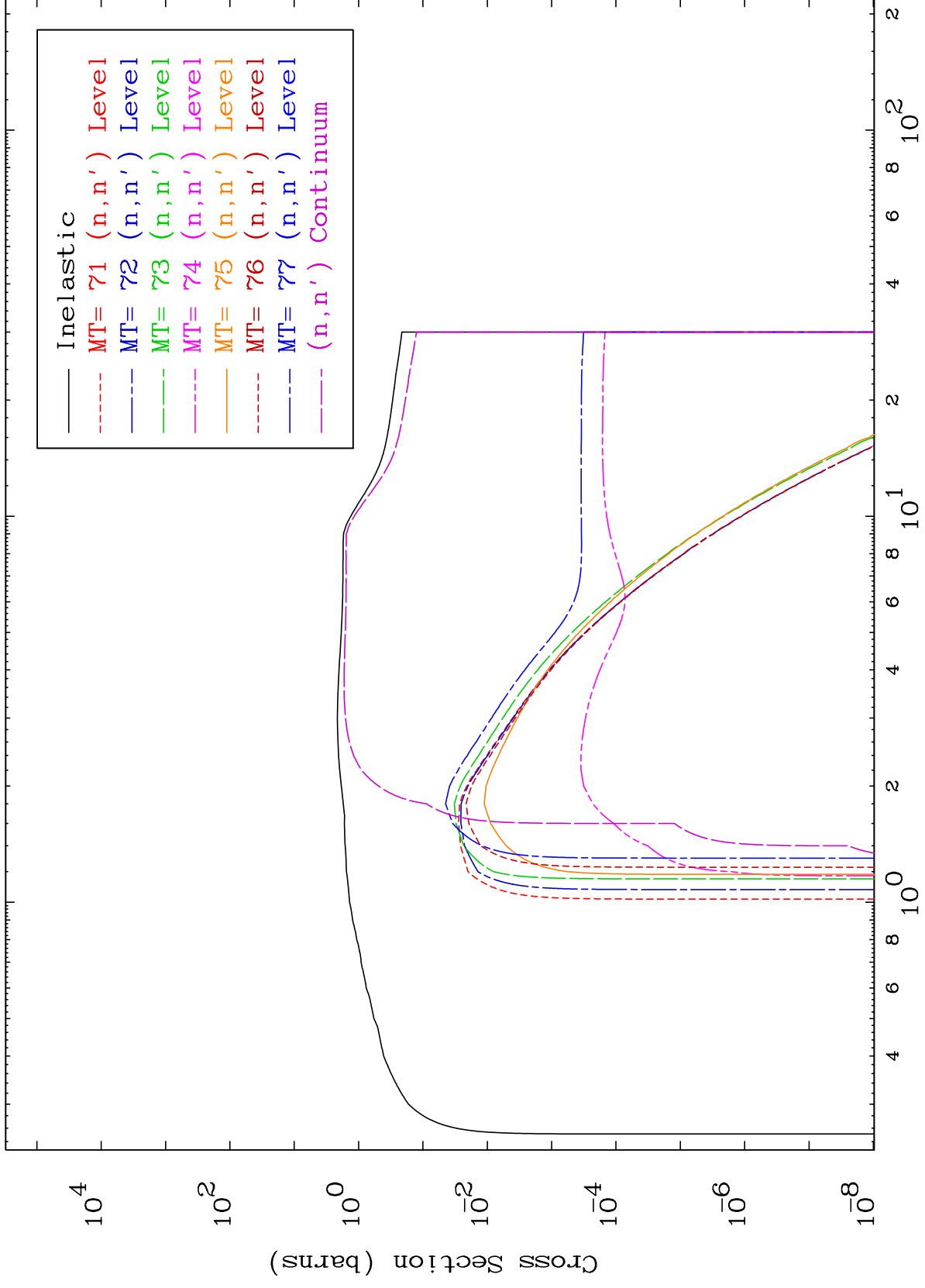




MAT 3722

(n,n') Levels  
293 Kelvin Cross Sections

37-Rb-84



10

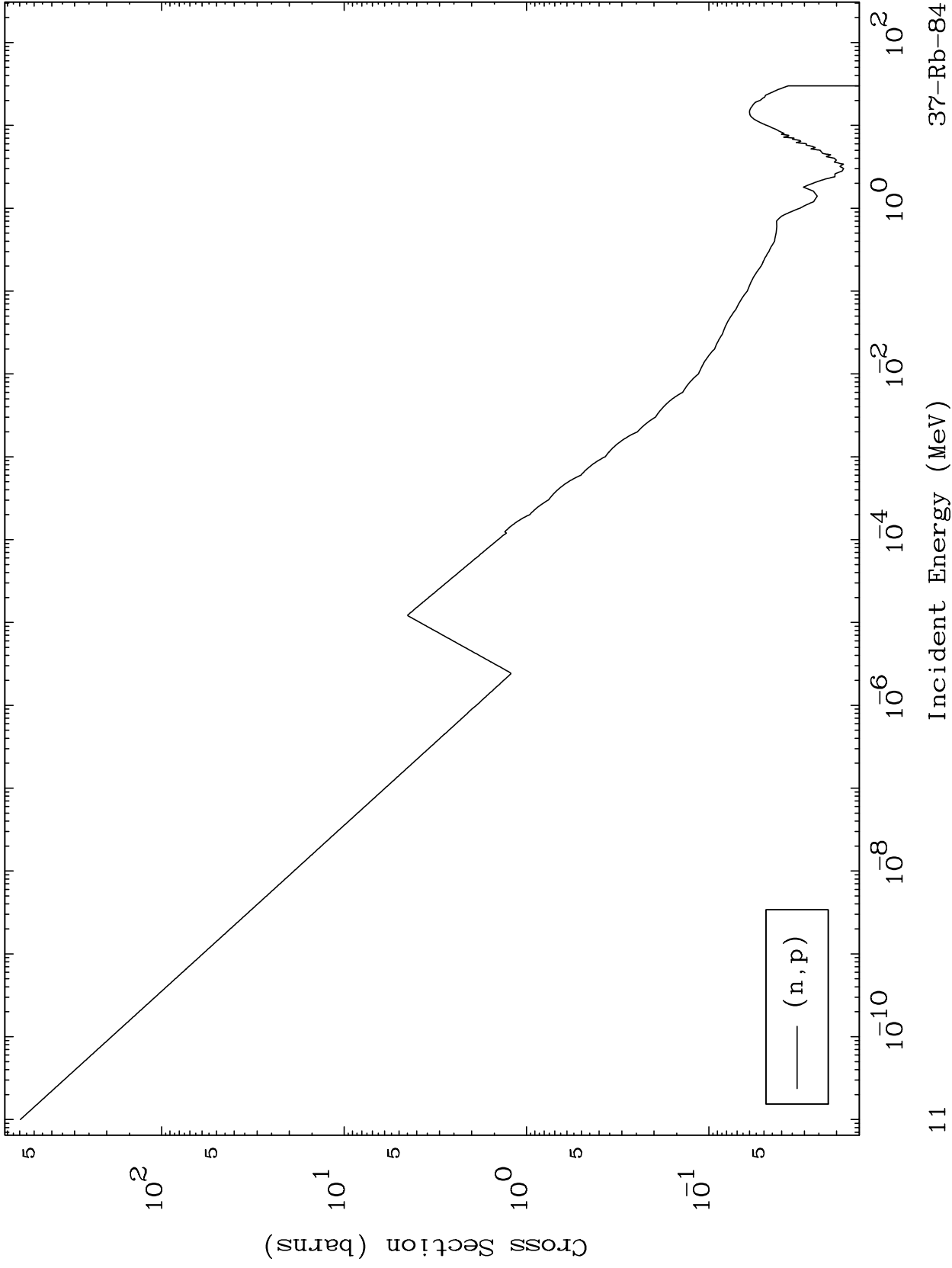
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,p) Levels  
293 Kelvin Cross Sections

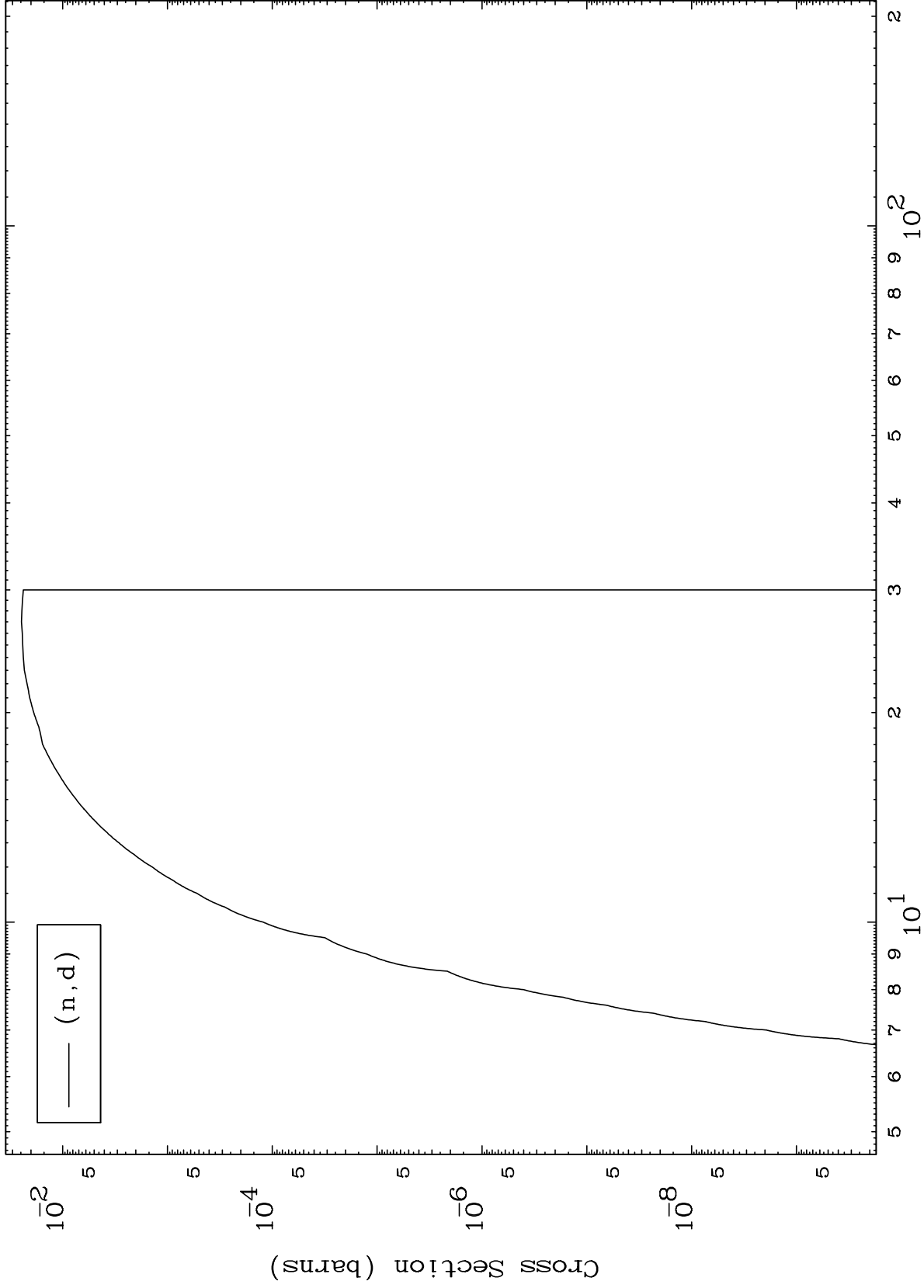
37-Rb-84



MAT 3722

(n,d) Levels  
293 Kelvin Cross Sections

37-Rb-84



12

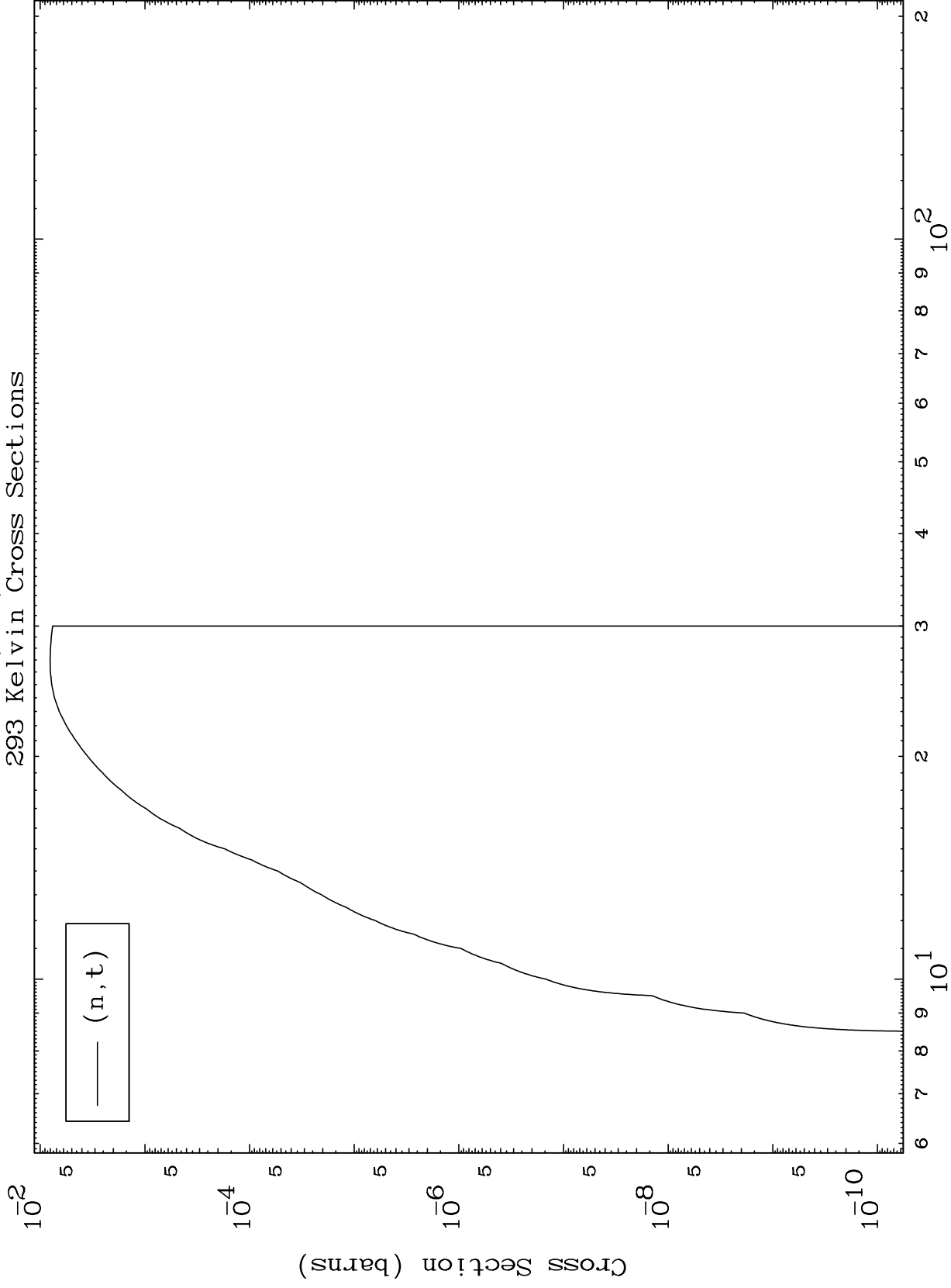
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n, t) Levels  
293 Kelvin Cross Sections

37-Rb-84



13

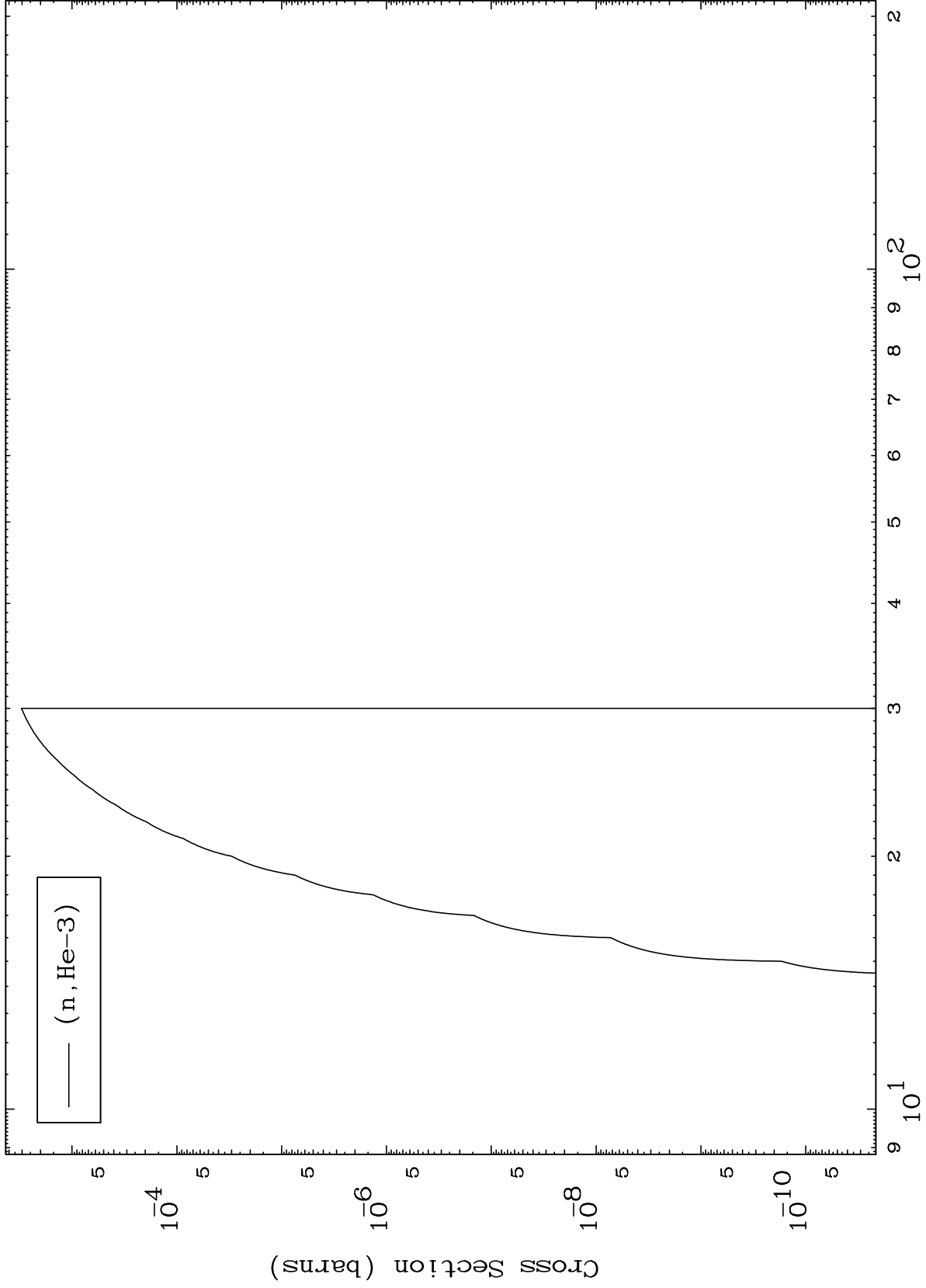
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,He3) Levels  
293 Kelvin Cross Sections

37-Rb-84



14

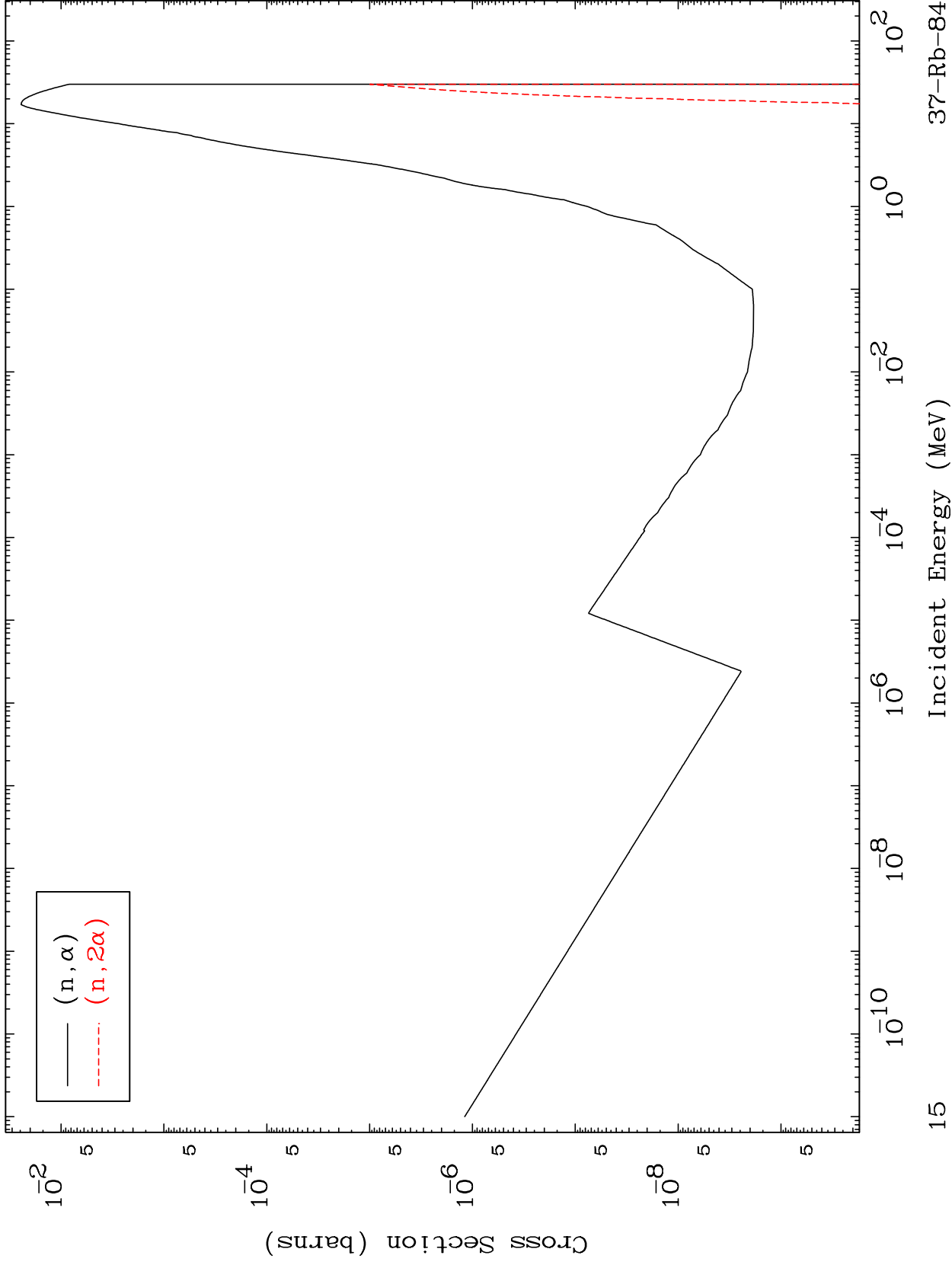
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84

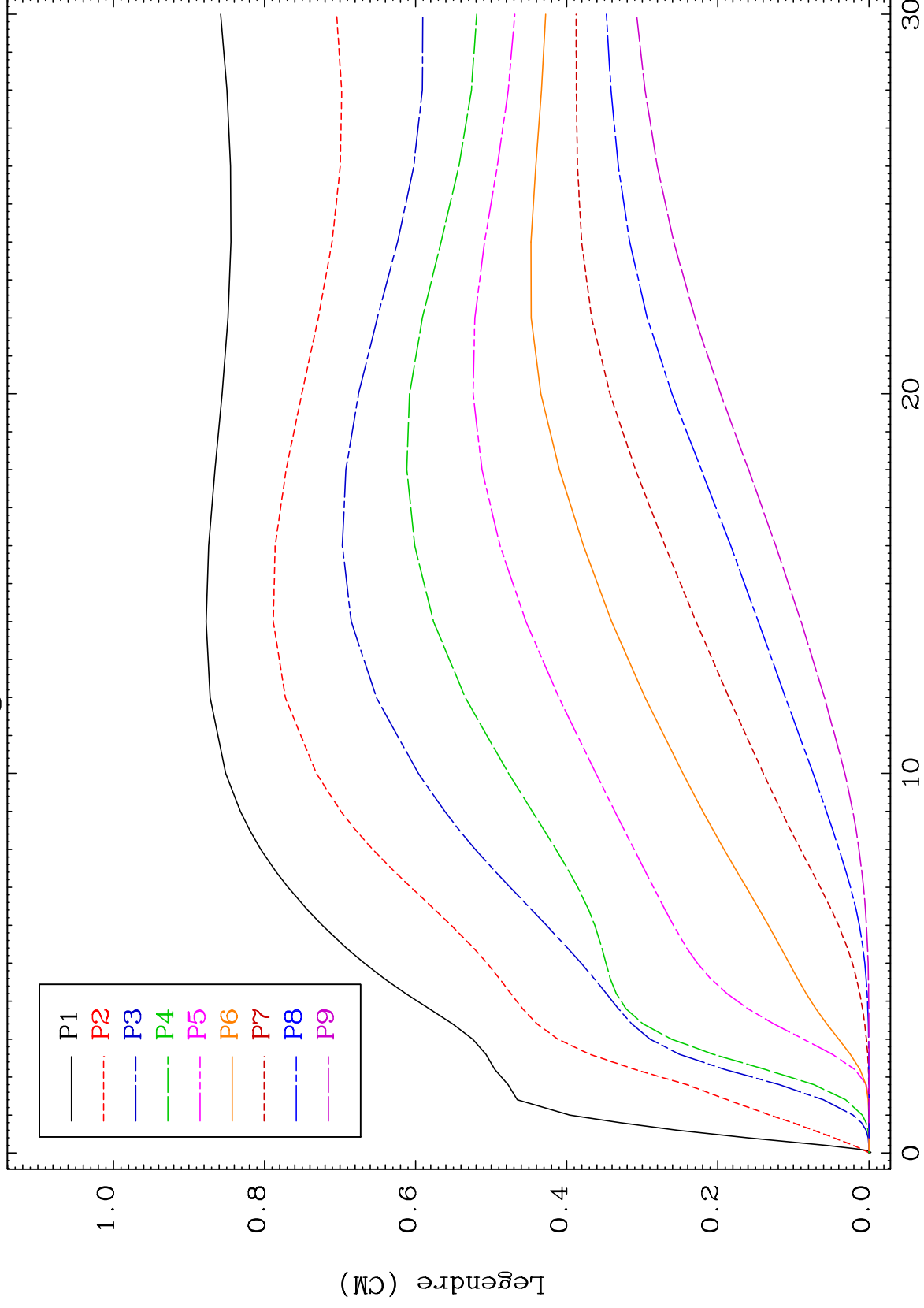




MAT 3722

Elastic Legendre Coefficients

<sup>37</sup>Rb-84



16

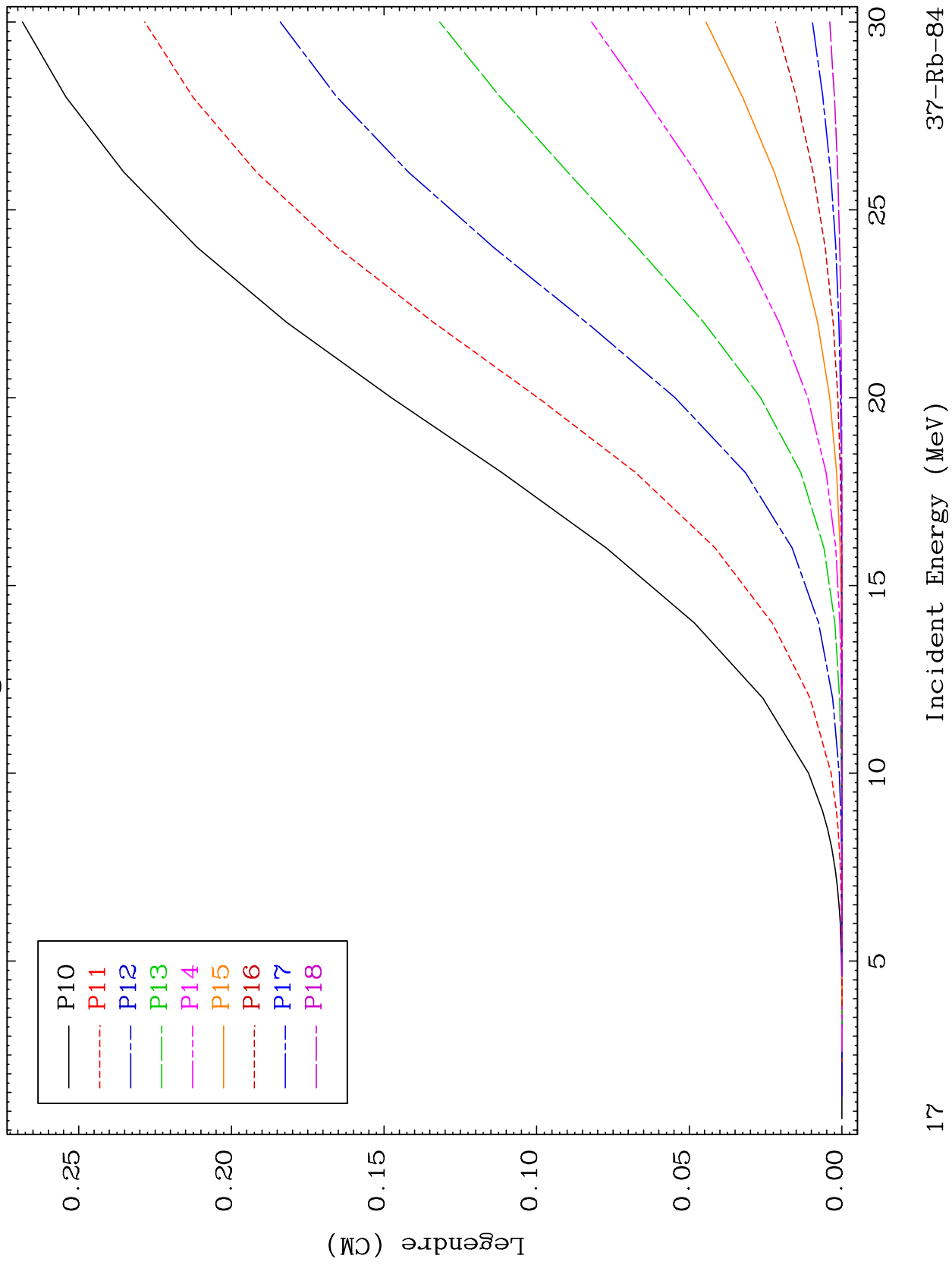
Incident Energy (MeV)

<sup>37</sup>Rb-84

MAT 3722

Elastic Legendre Coefficients

37-Rb-84



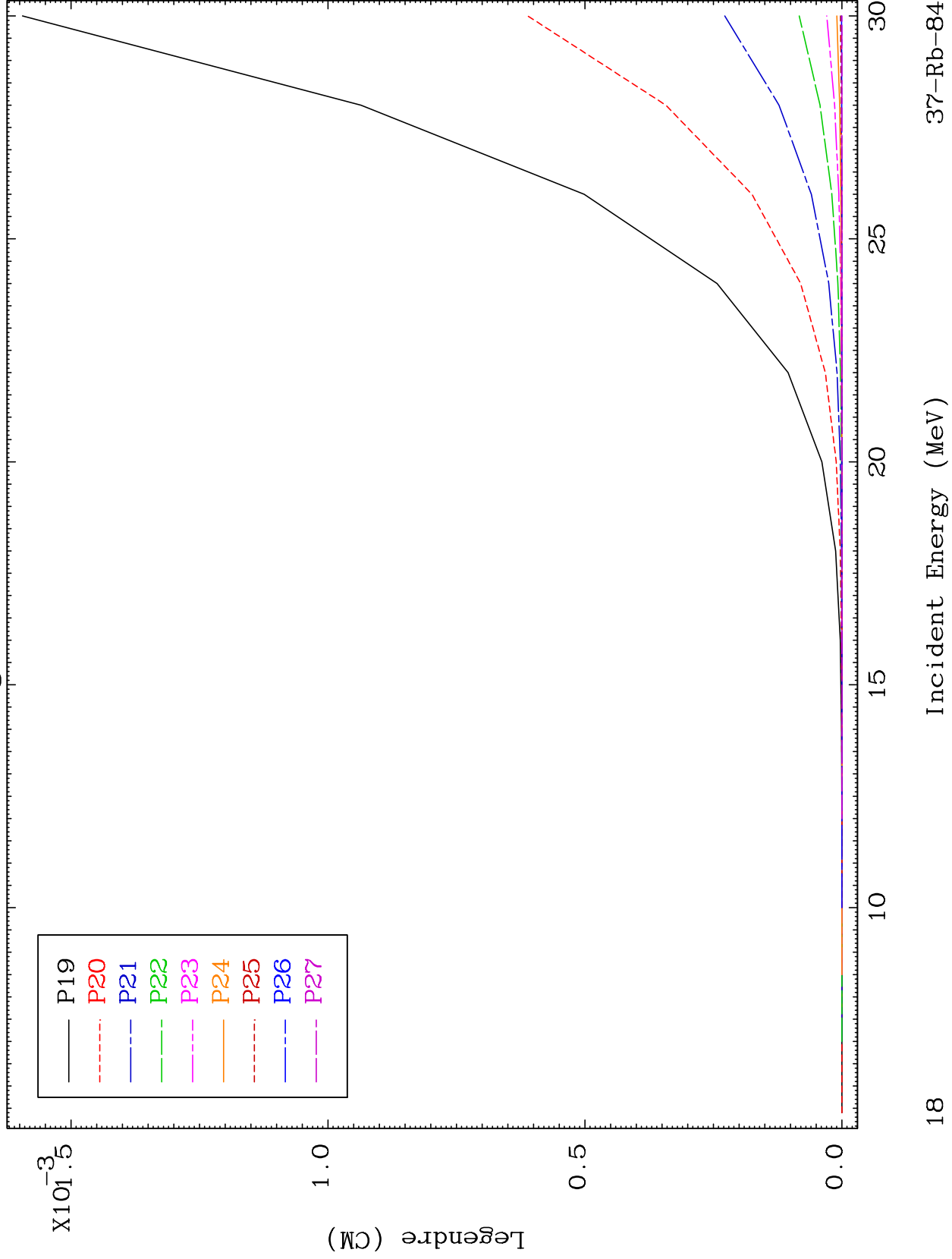
17

37-Rb-84

MAT 3722

### Elastic Legendre Coefficients

37-Rb-84



18

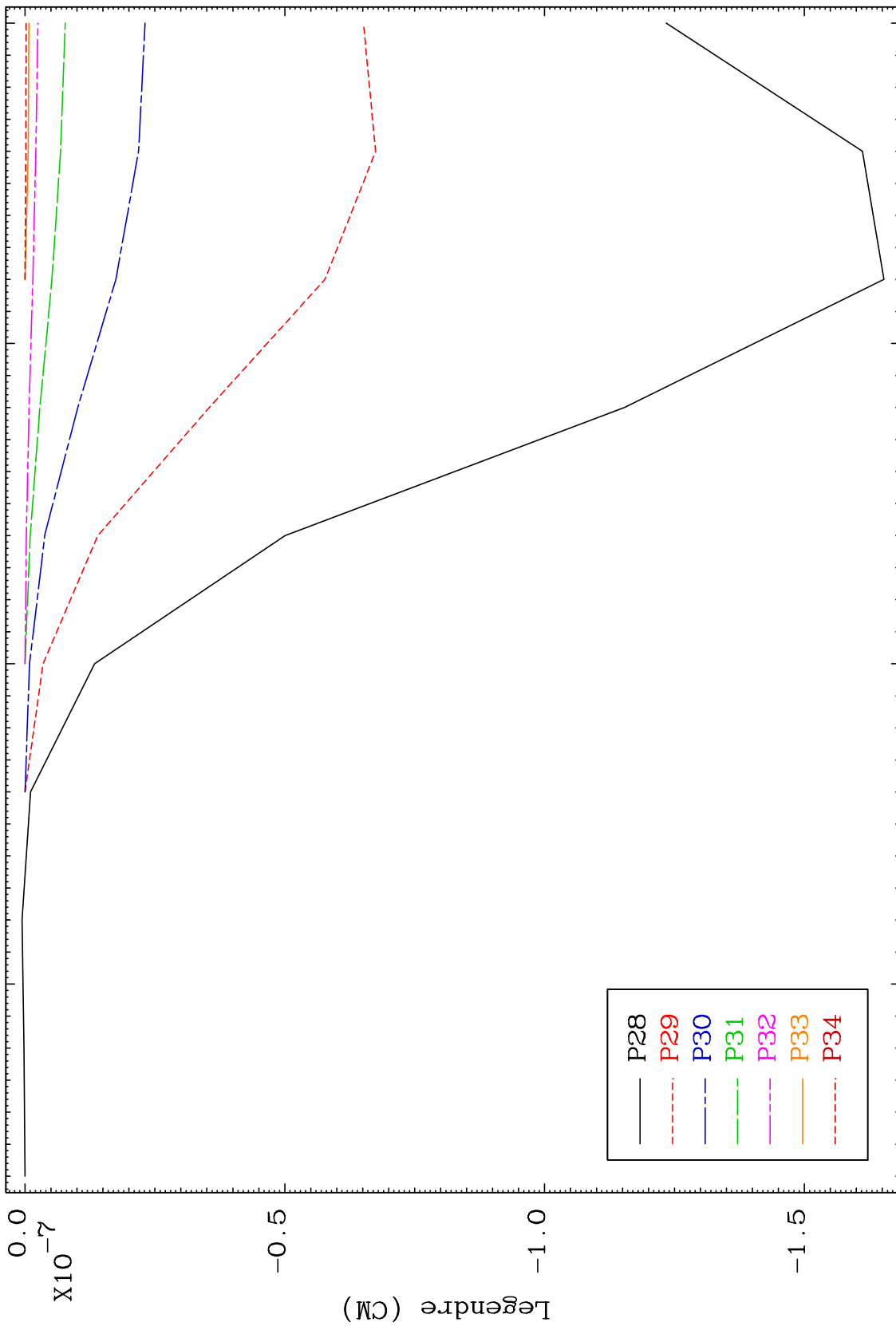
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

Elastic Legendre Coefficients



19

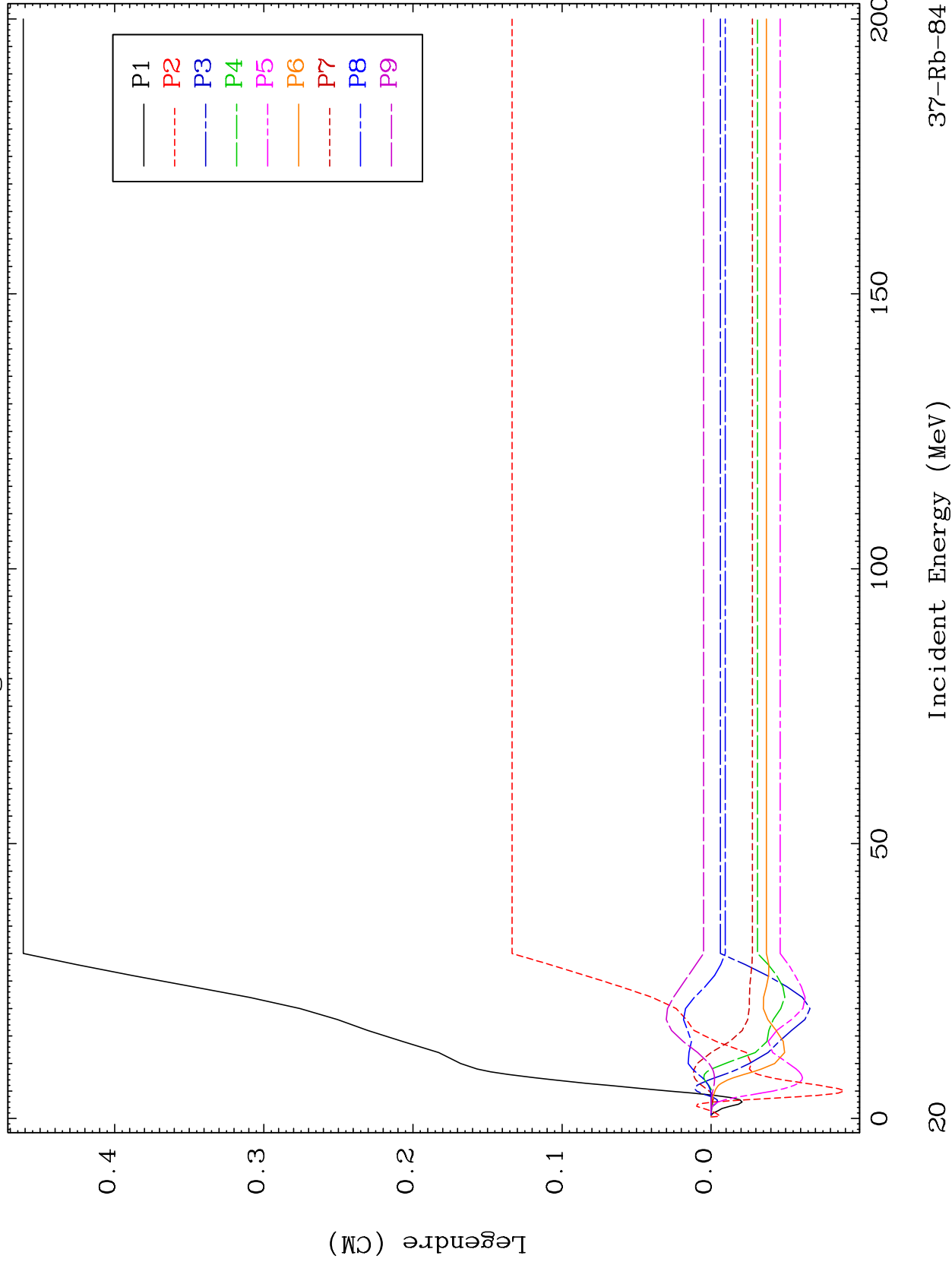
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37-Rb-84

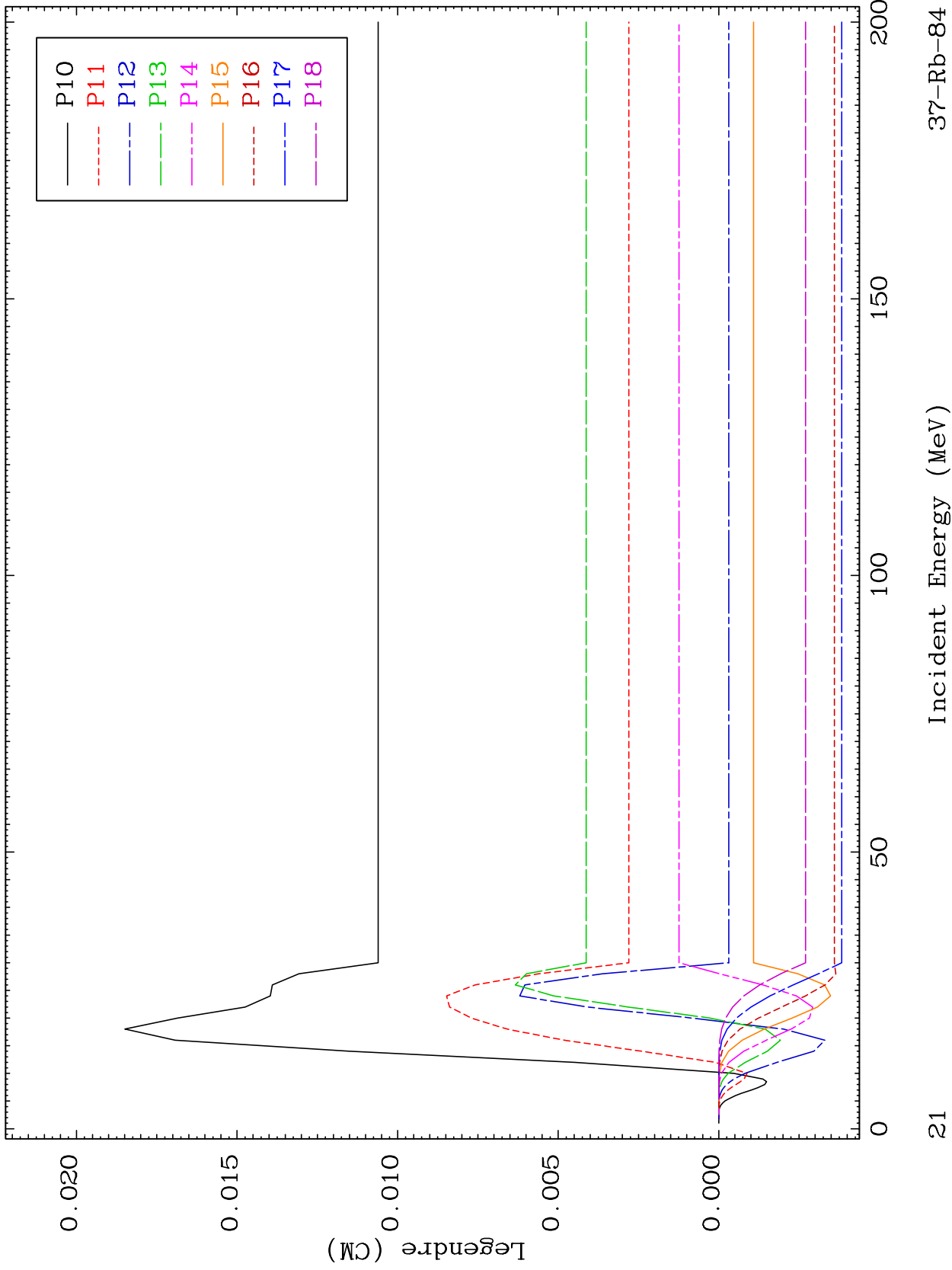
Incident Energy (MeV)

0

MAT 3722

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

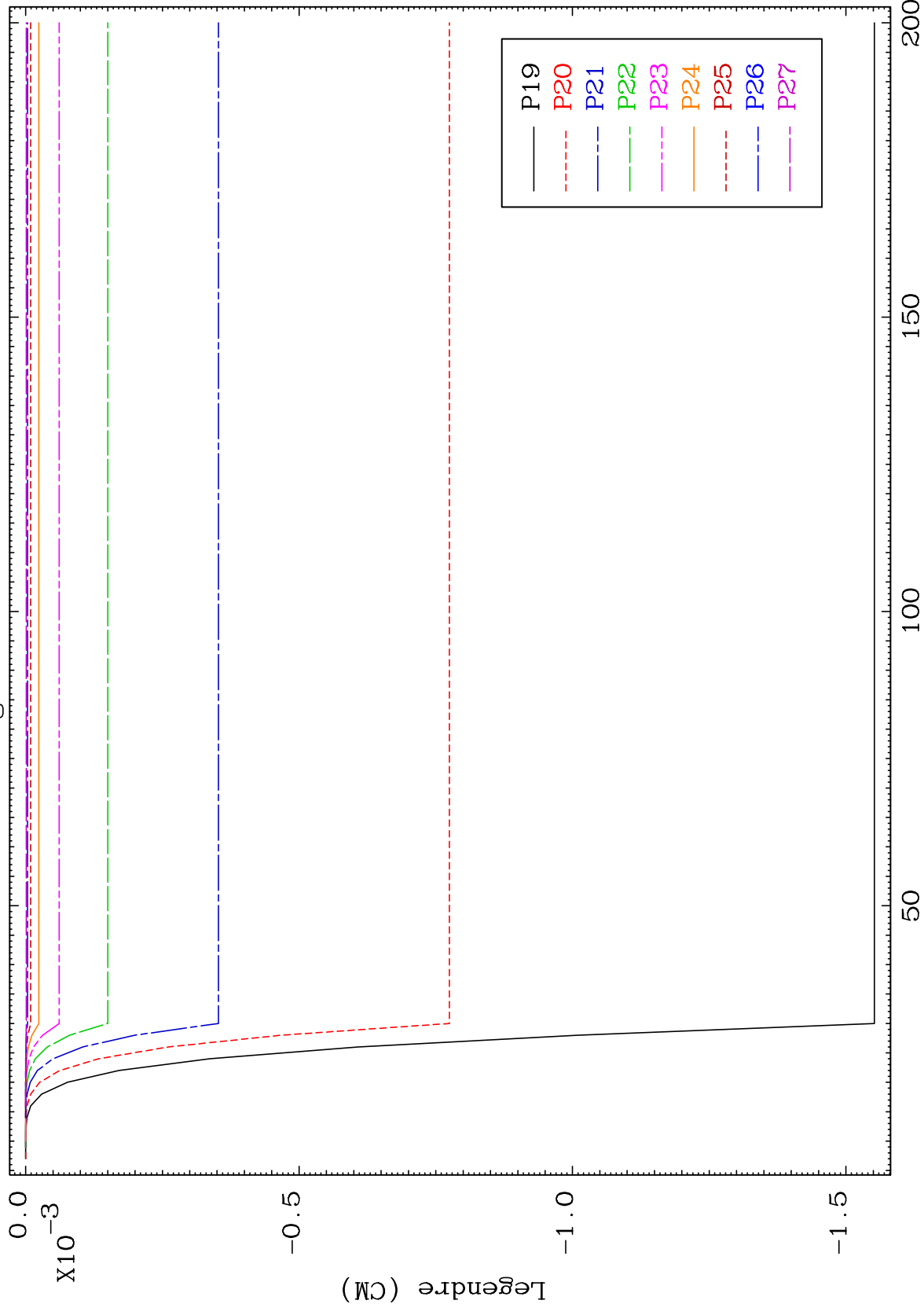
37-Rb-84

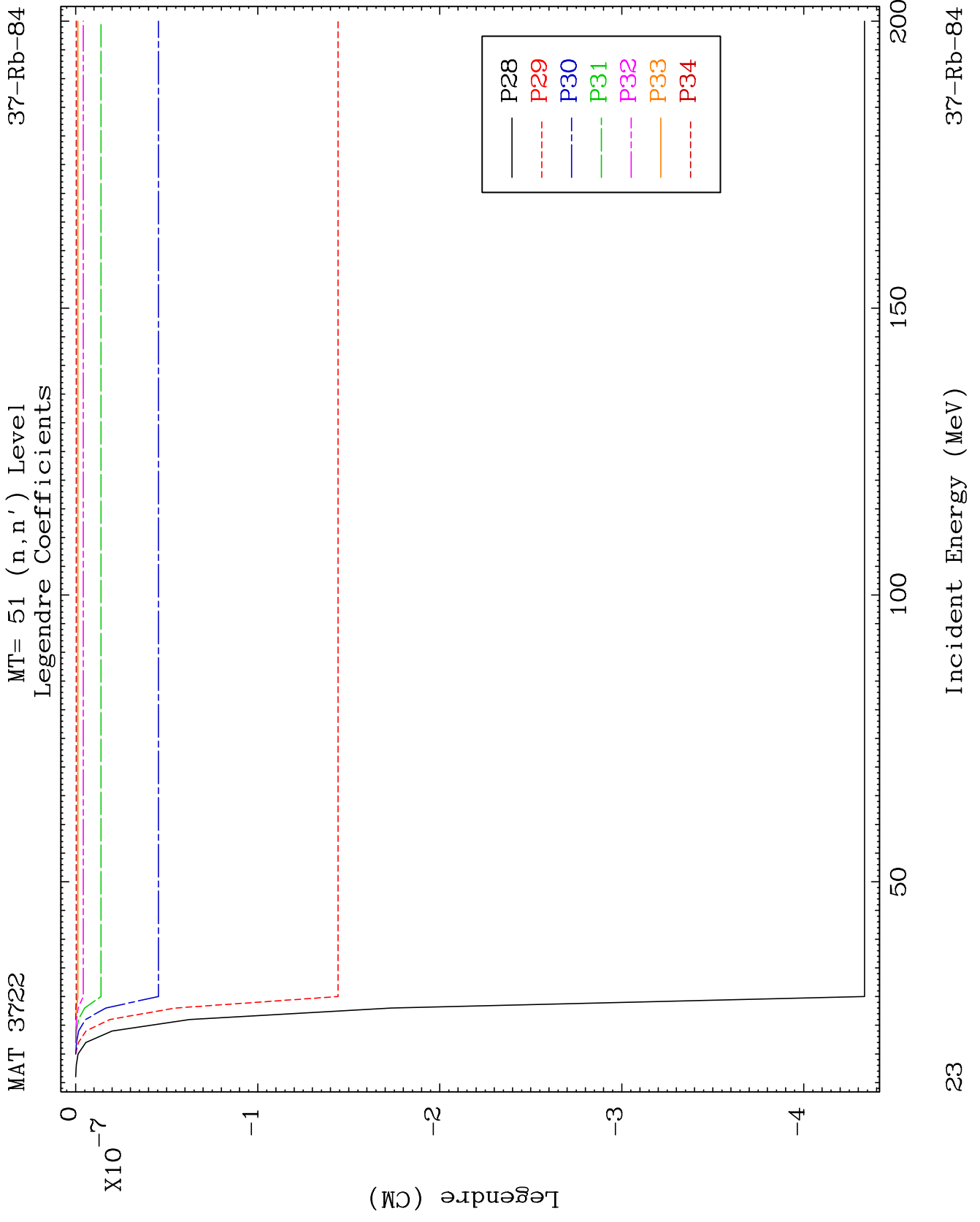


21

Incident Energy (MeV)

37-Rb-84



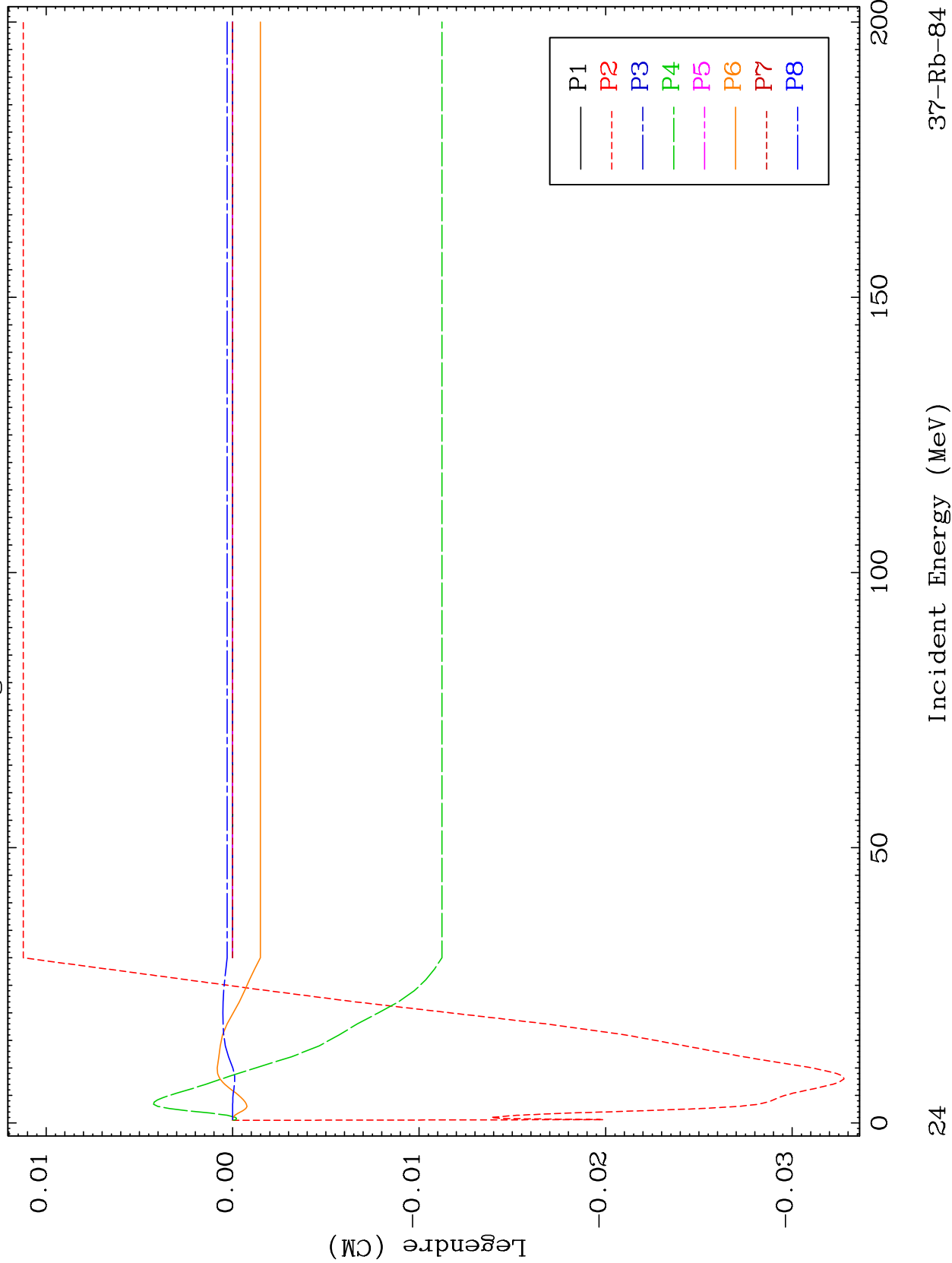




MAT 3722

37-Rb-84

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



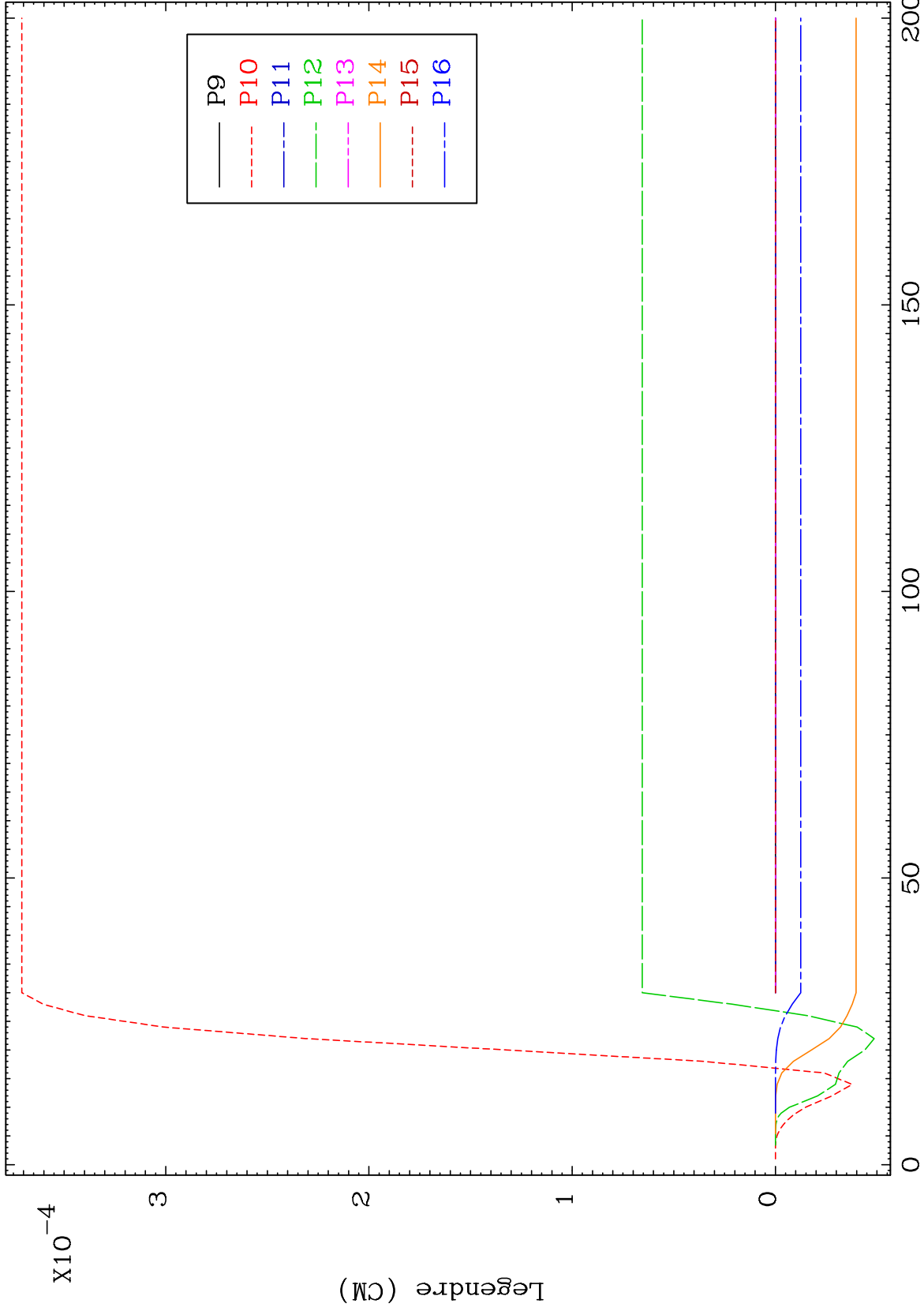
24

37-Rb-84

MAT 3722

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

37-Rb-84



25

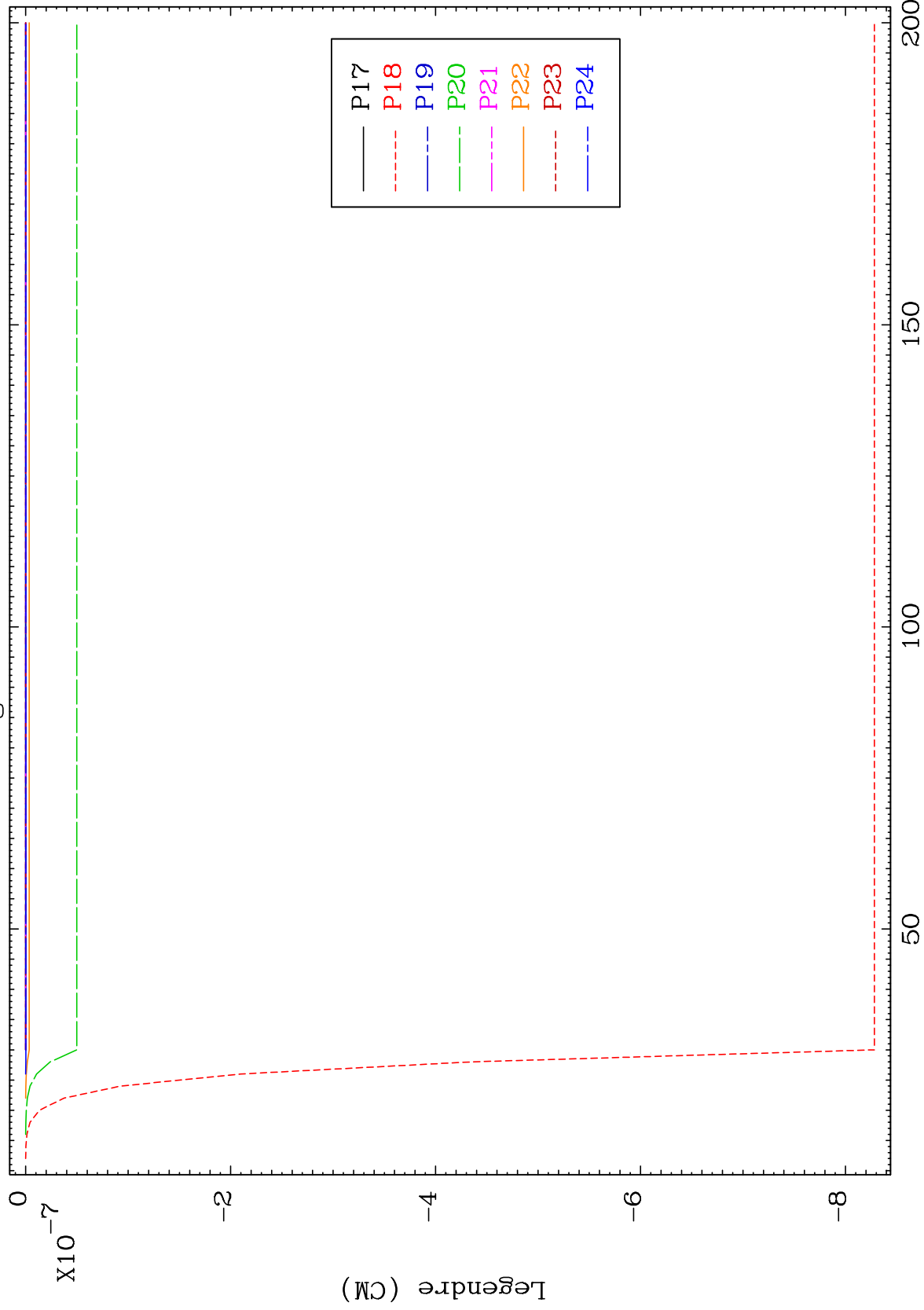
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



26

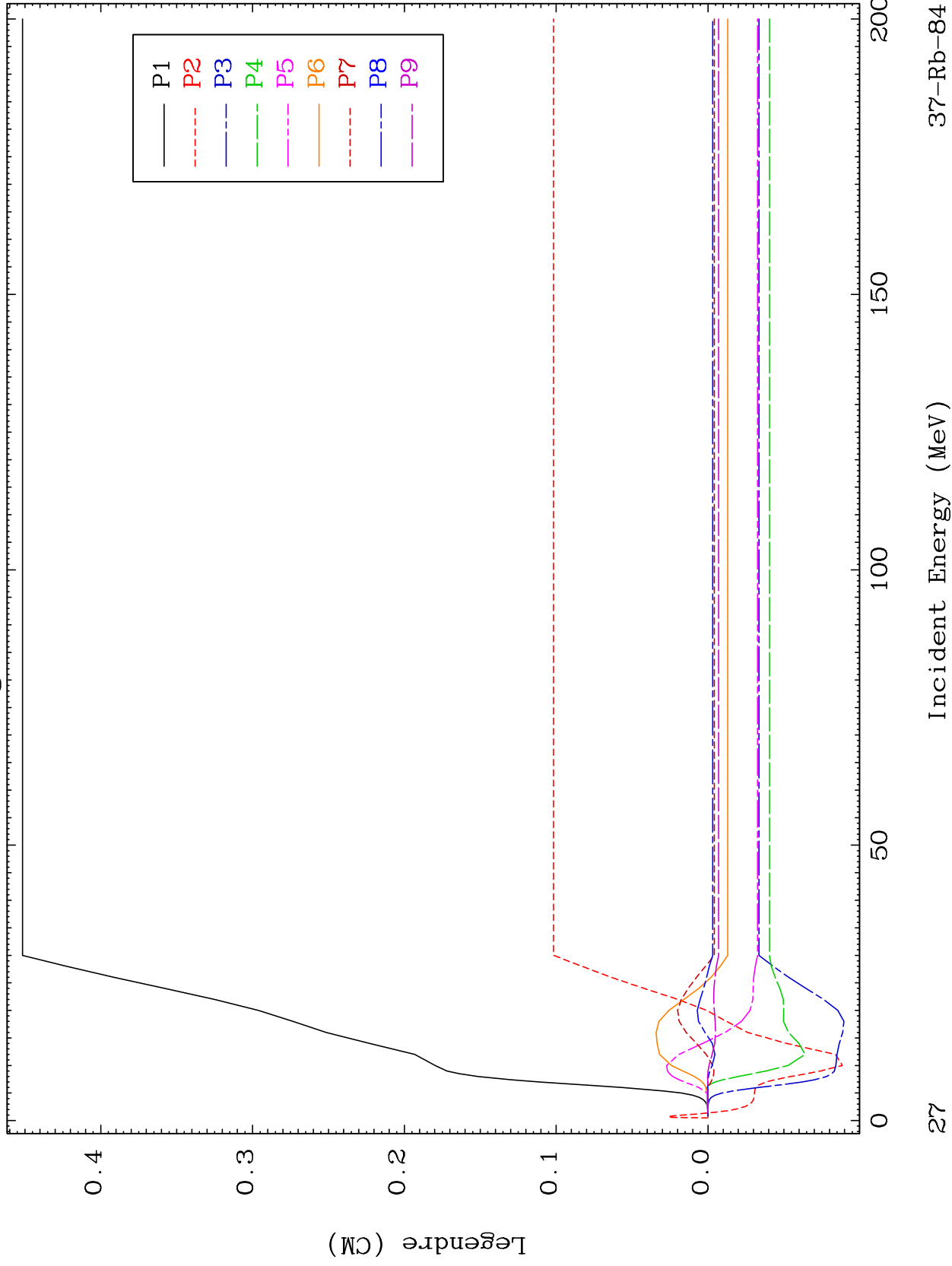
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37-Rb-84

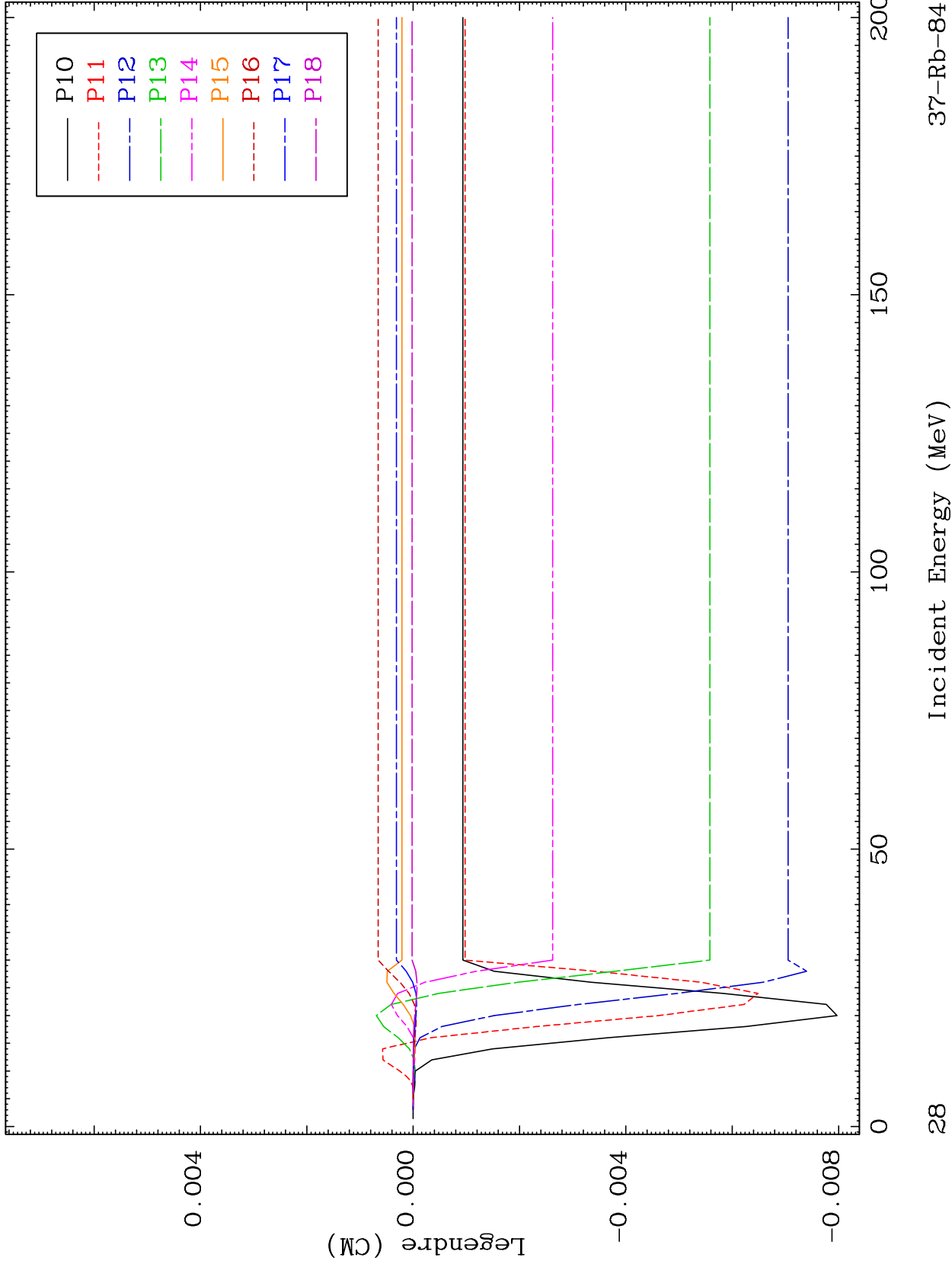
Incident Energy (MeV)

27

MAT 3722

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

37-Rb-84



37-Rb-84

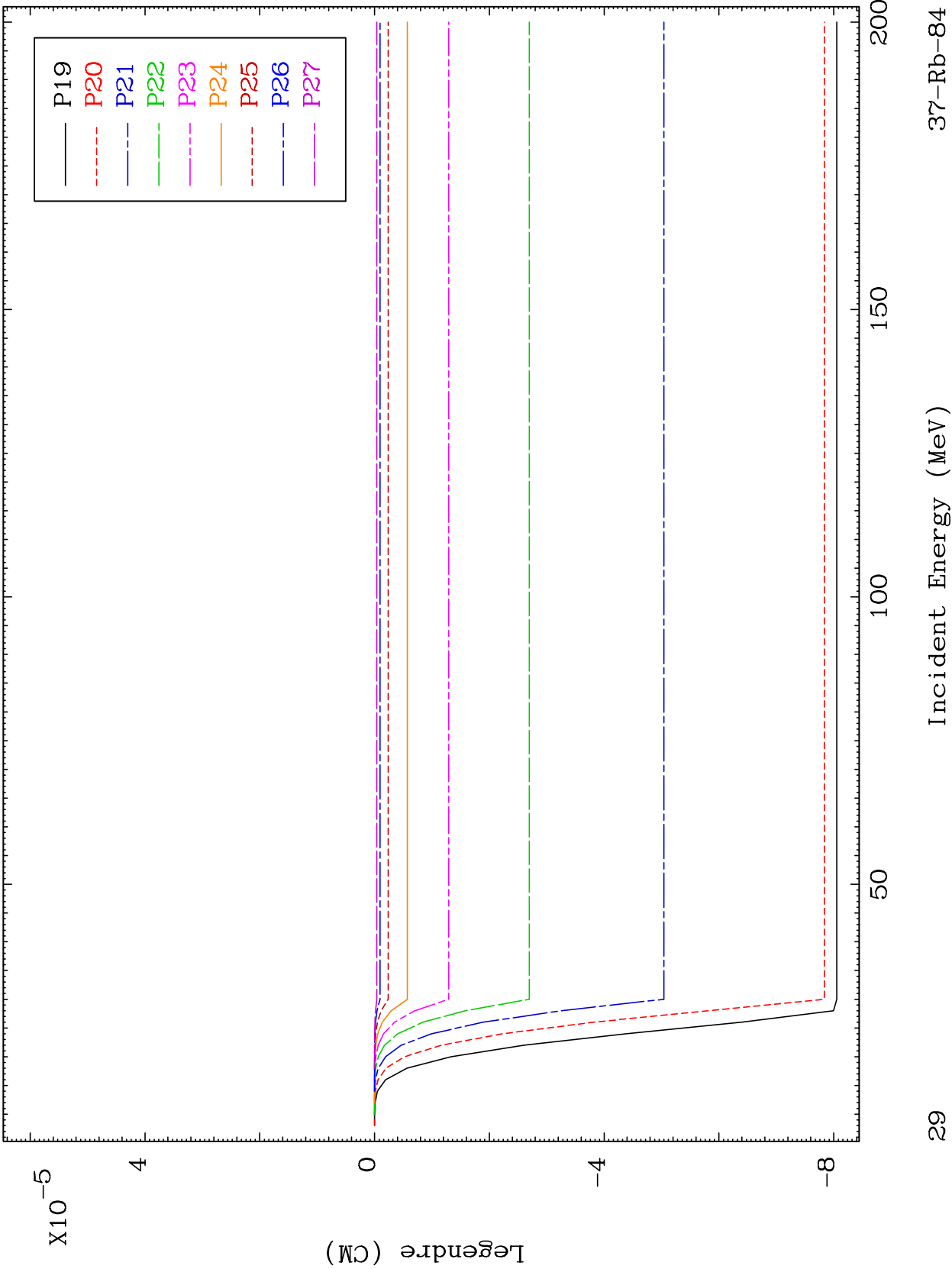
Incident Energy (MeV)

28

MAT 3722

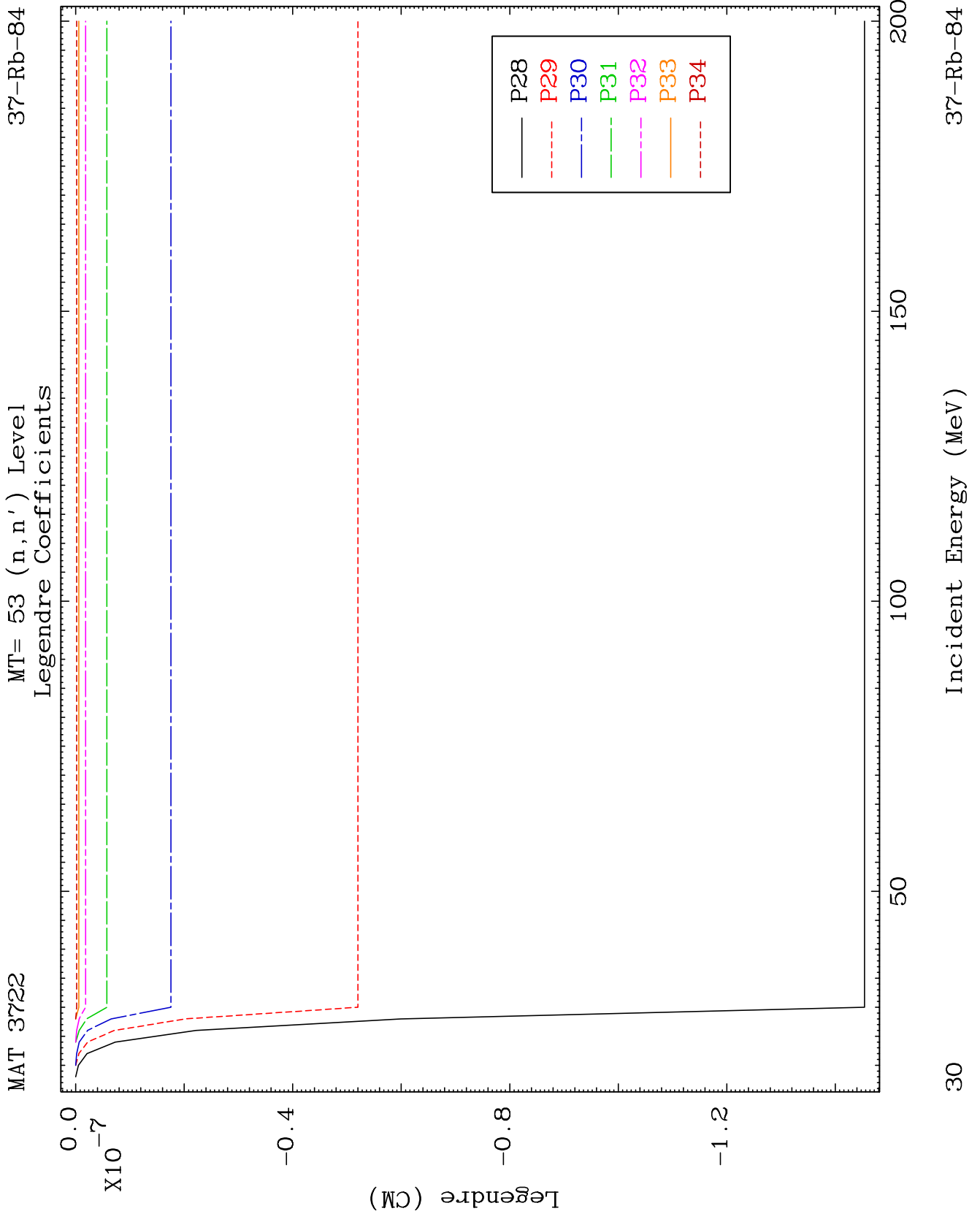
MT= 53 (n,n') Level  
Legendre Coefficients

37-Rb-84



29

37-Rb-84



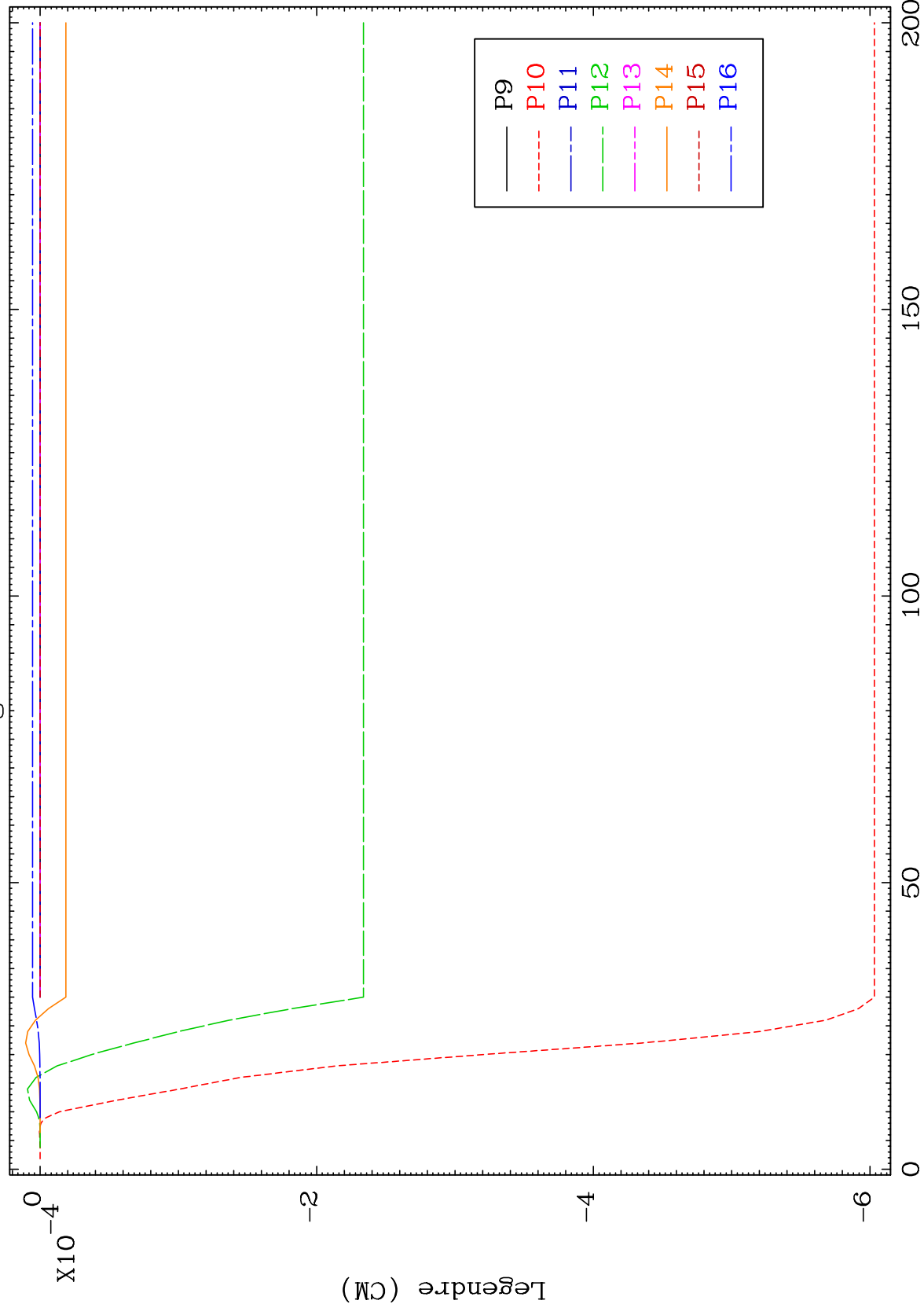




MAT 3722

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

37-Rb-84



32

Incident Energy (MeV)

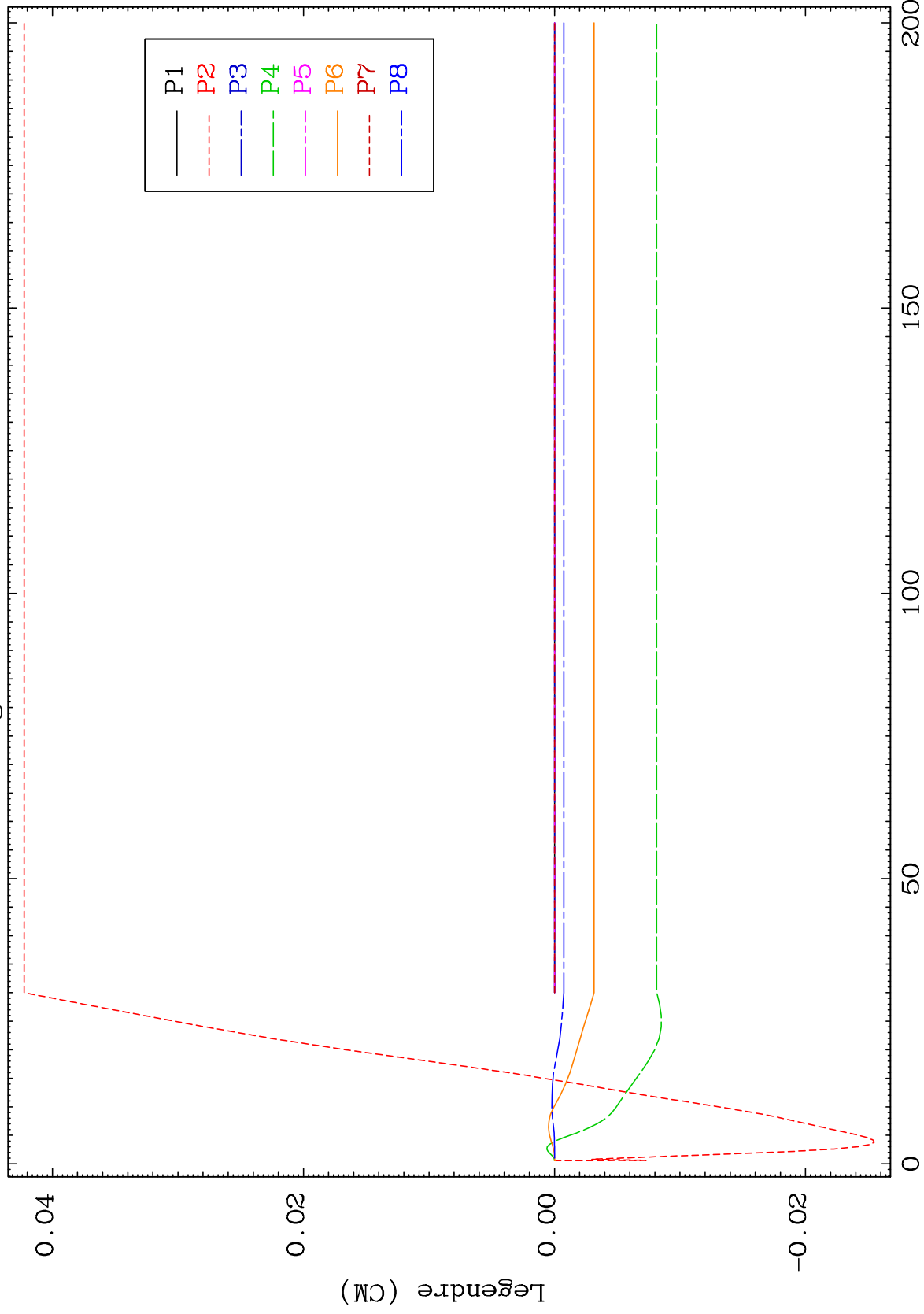
37-Rb-84



MAT 3722

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

37-Rb-84



34

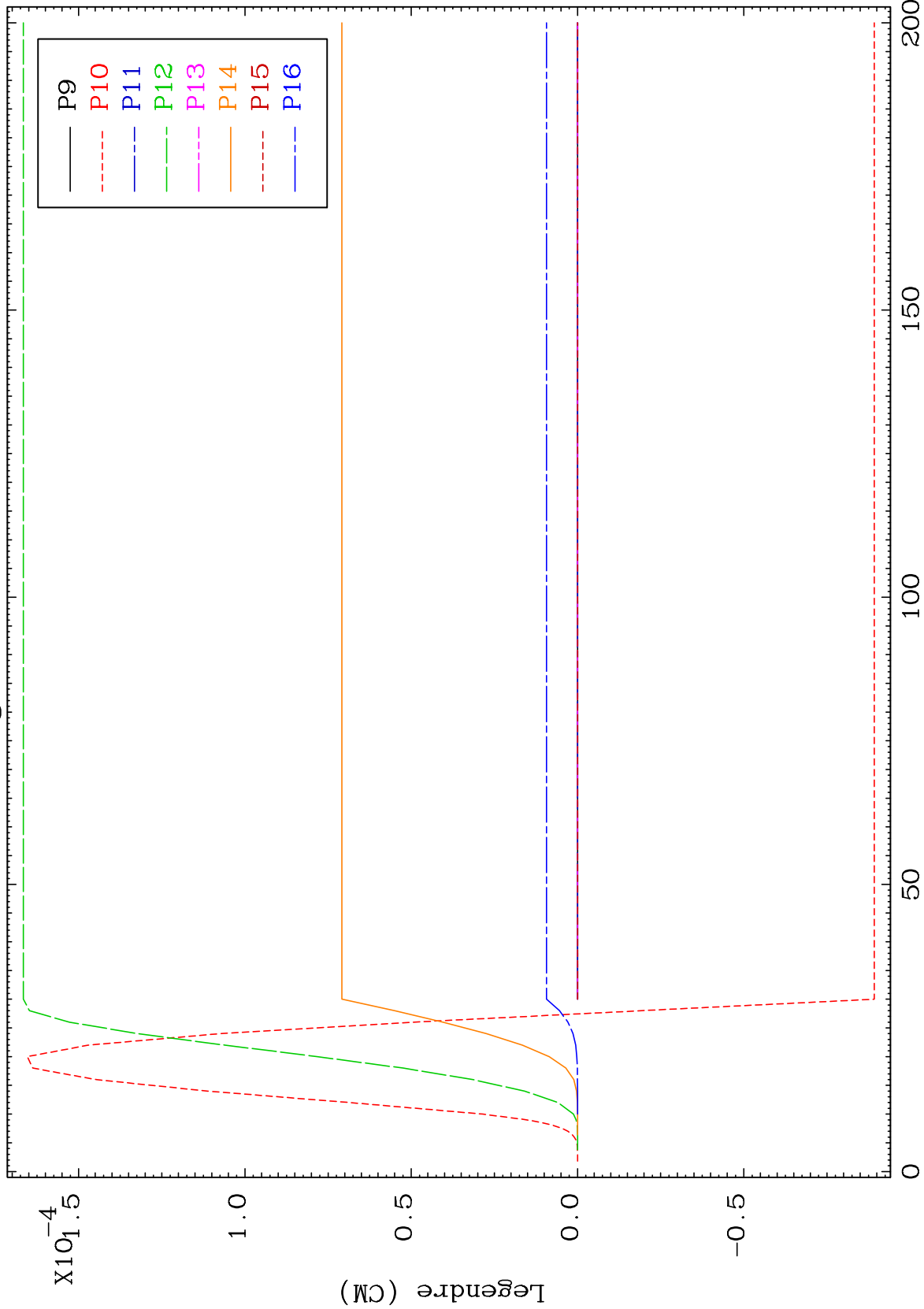
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

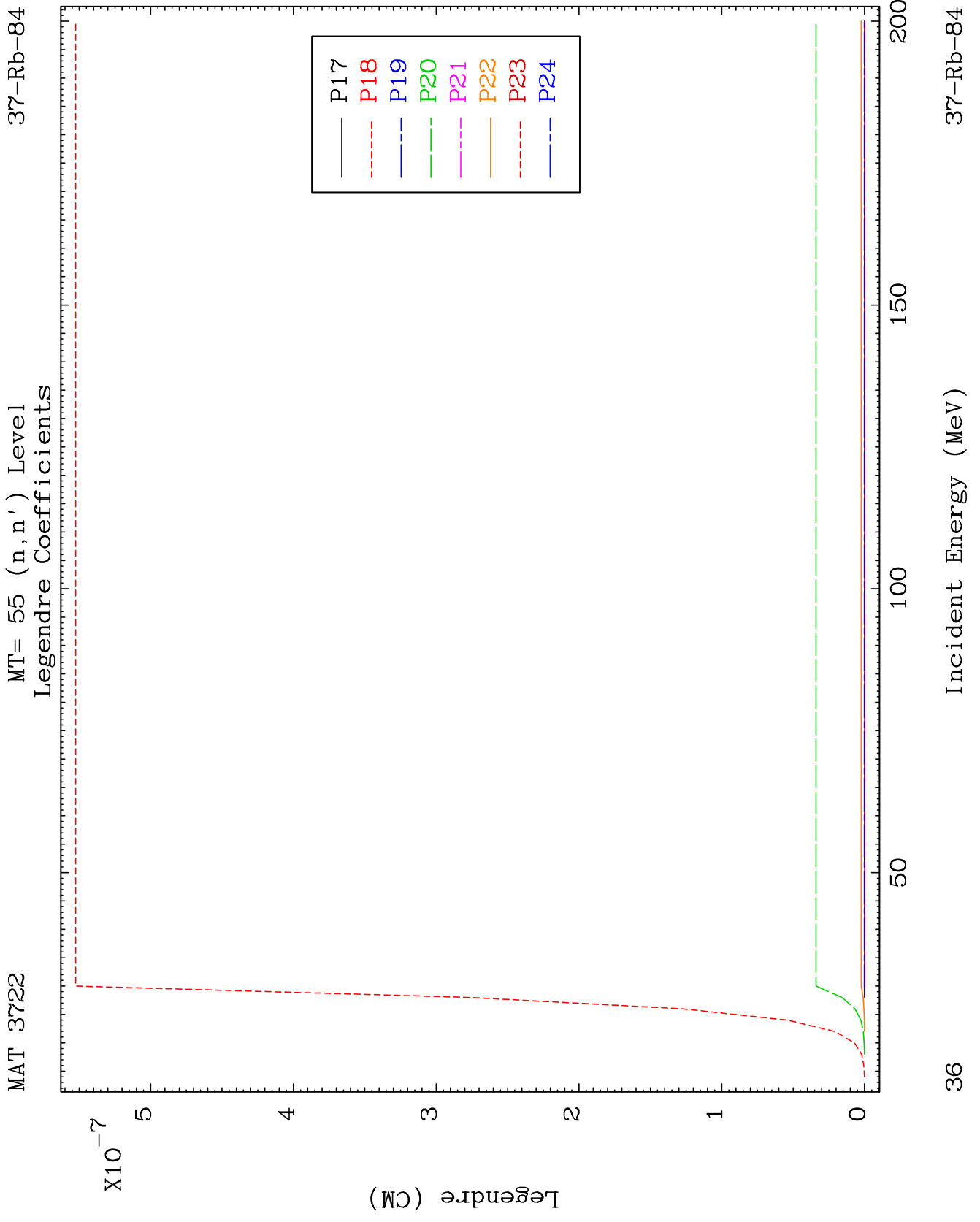
37-Rb-84



35

Incident Energy (MeV)

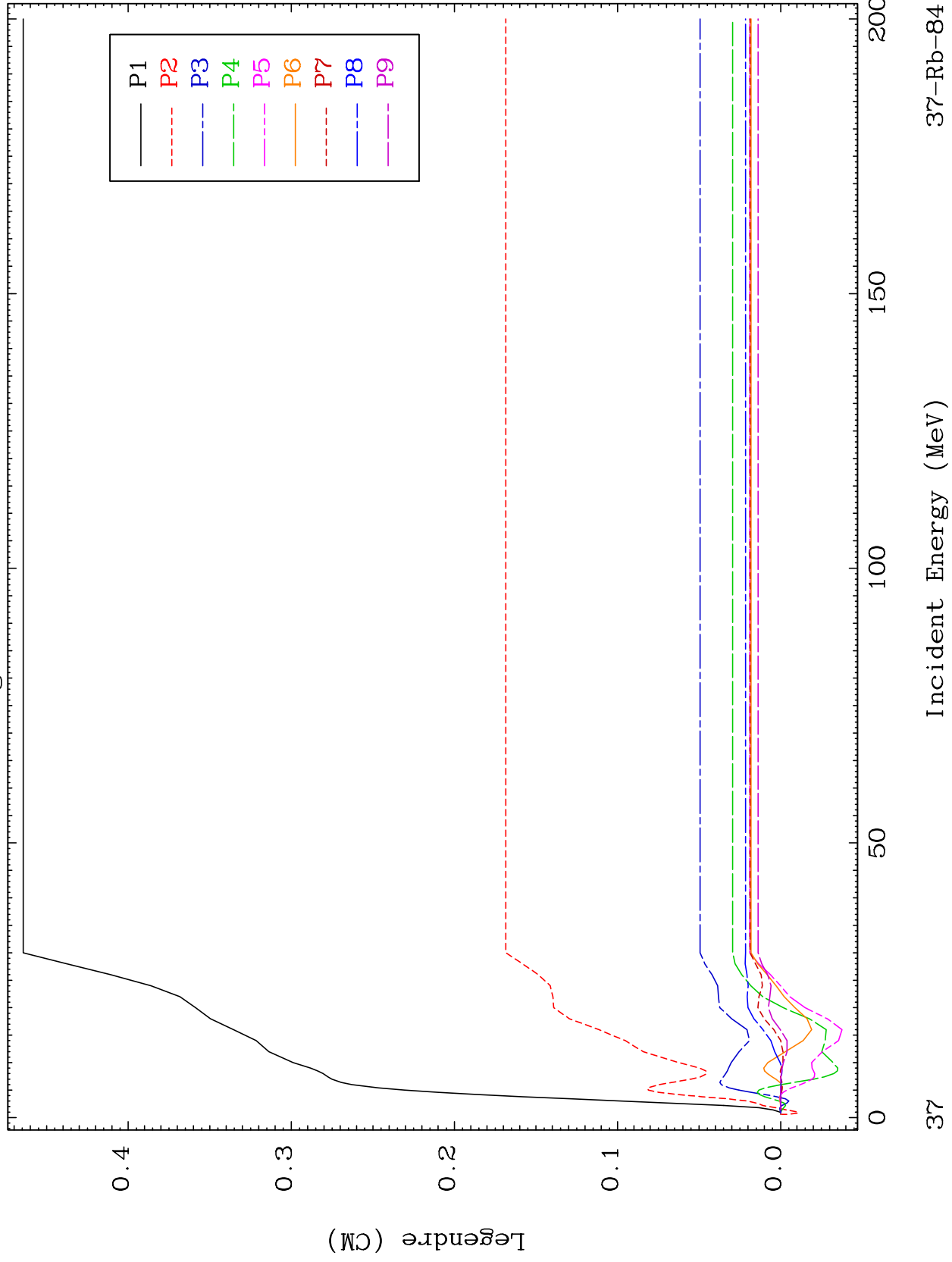
37-Rb-84



MAT 3722

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

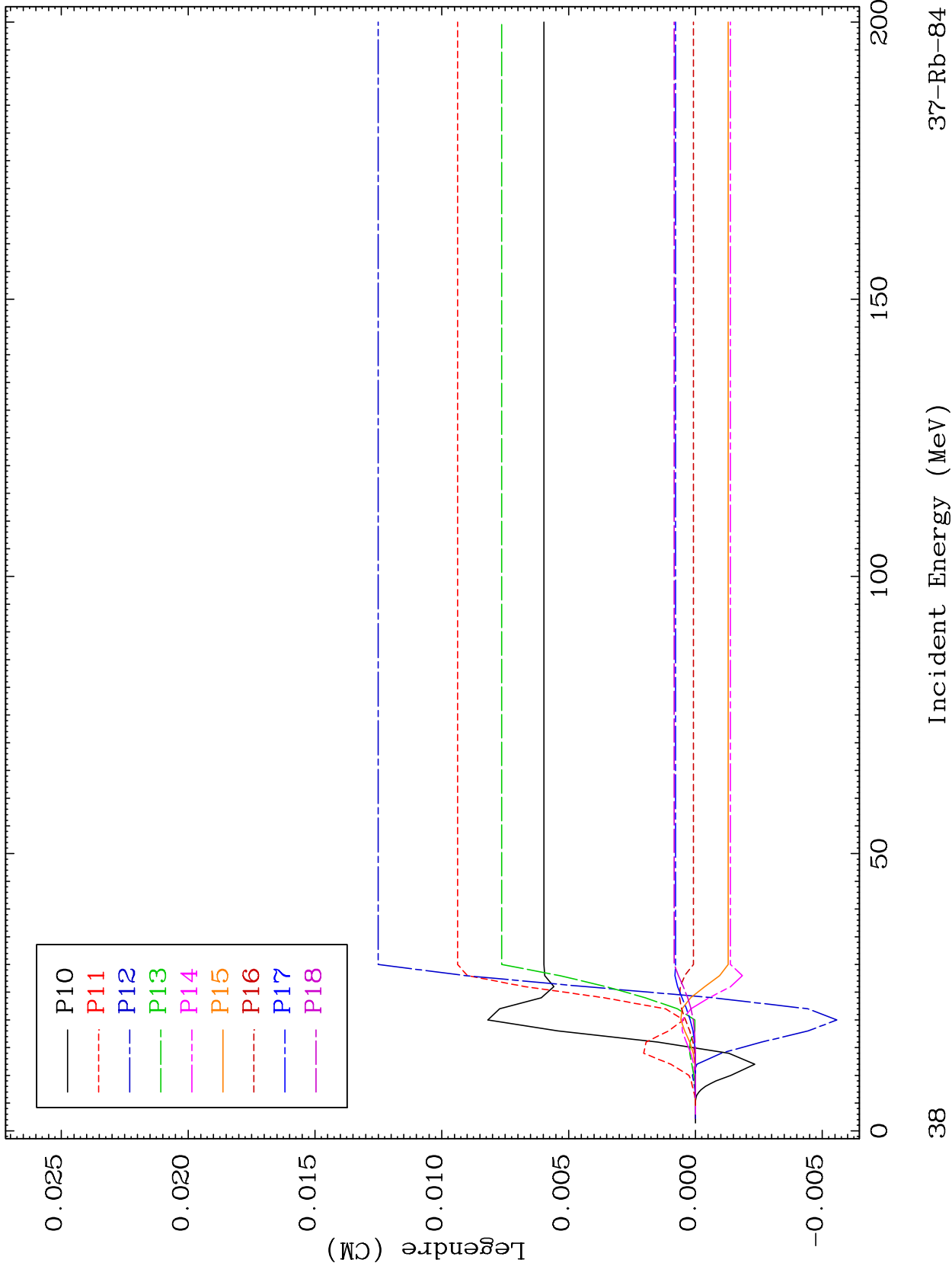
37-Rb-84



37-Rb-84

Incident Energy (MeV)

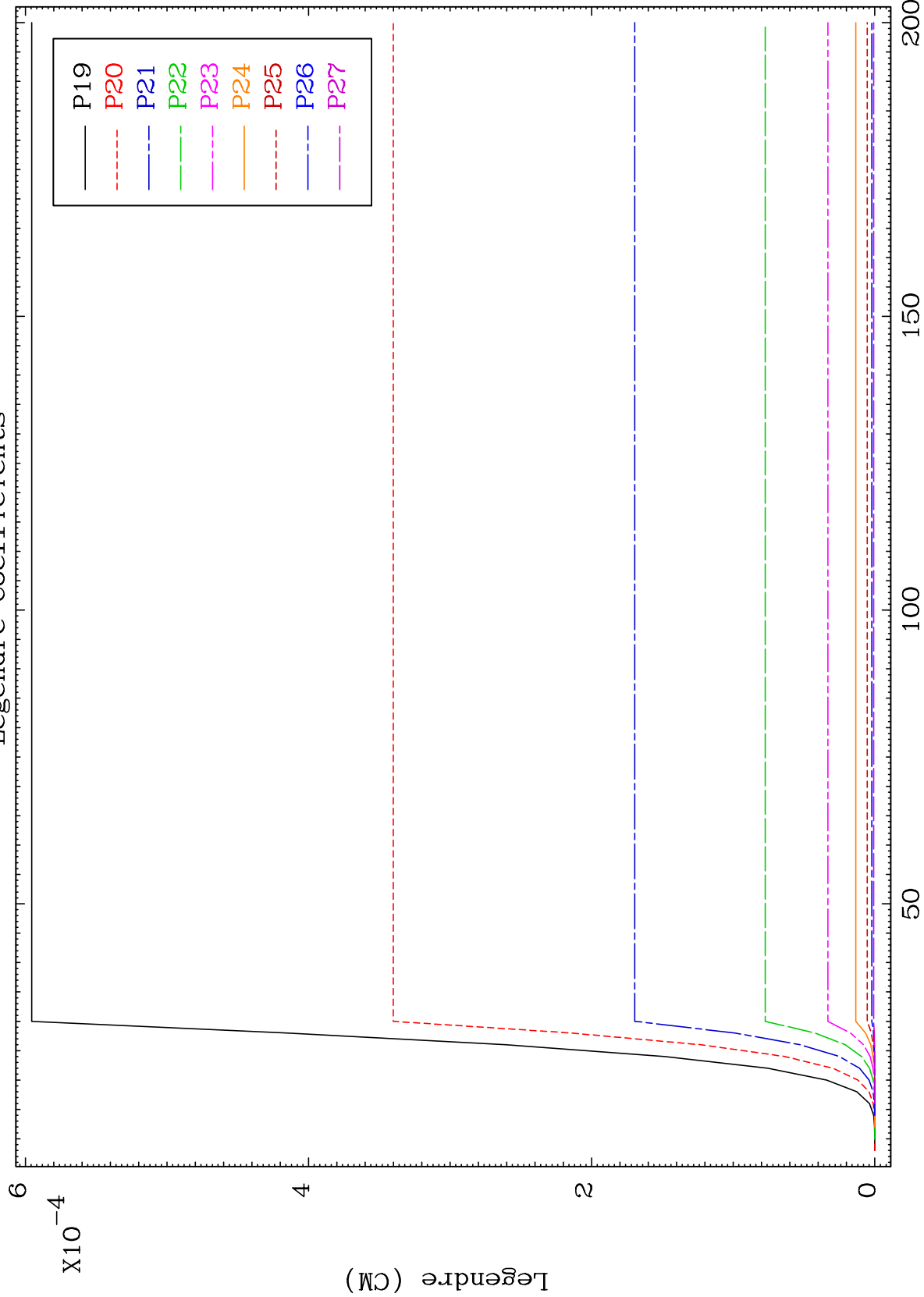
37



MAT 3722

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

37-Rb-84



39

Incident Energy (MeV)

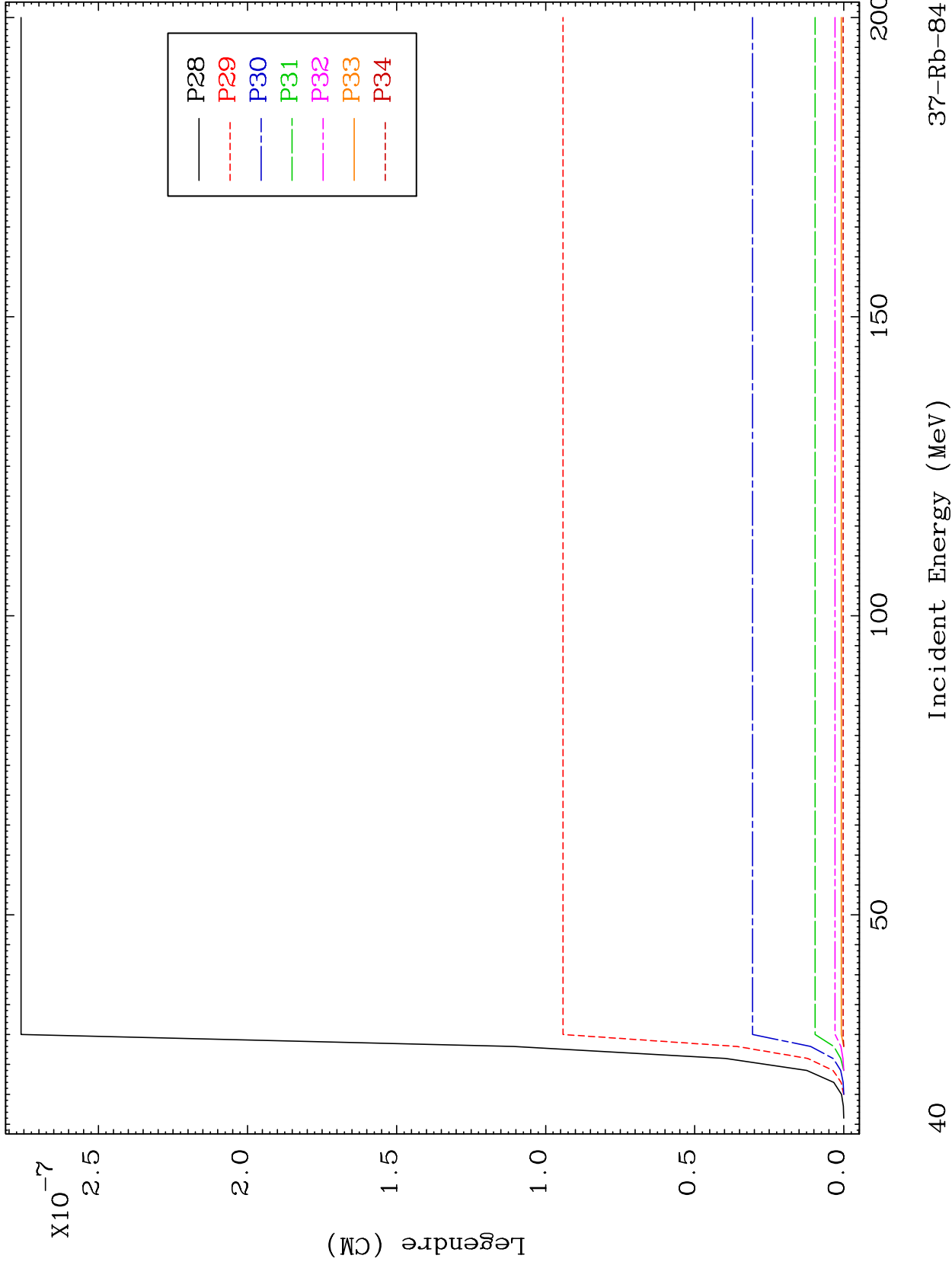
37-Rb-84



MAT 3722

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

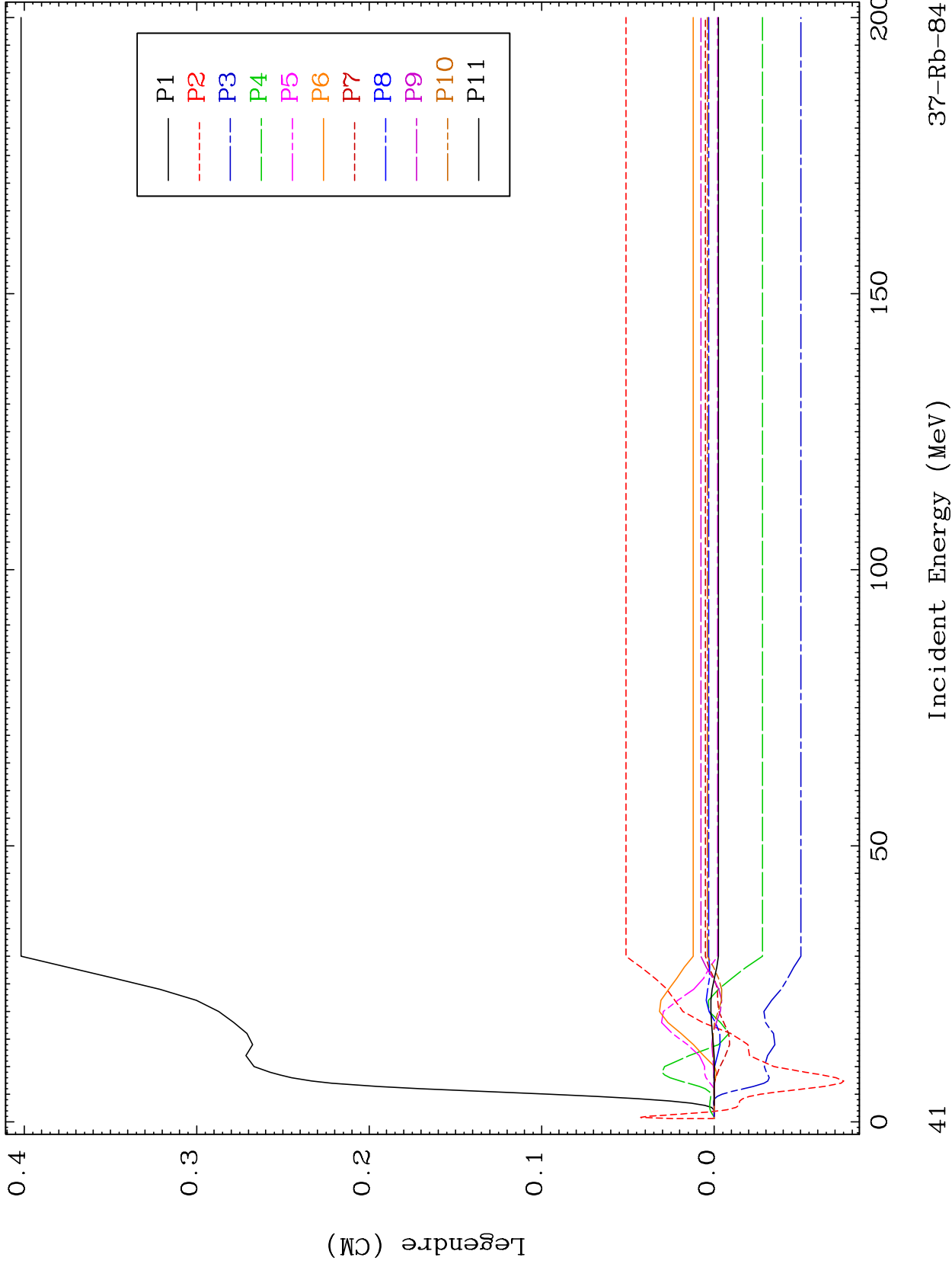
37-Rb-84



MAT 3722

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

37-Rb-84



37-Rb-84

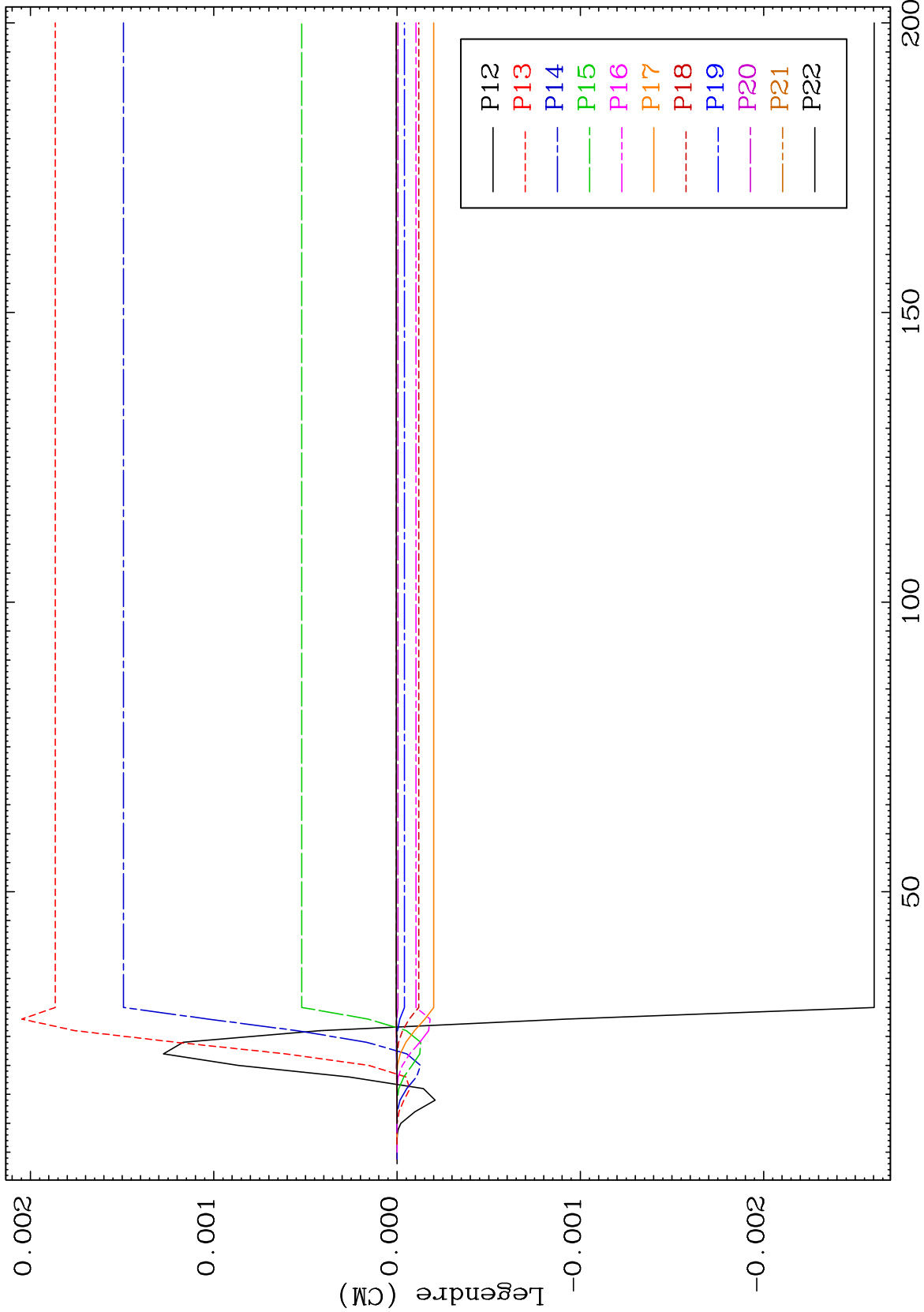
Incident Energy (MeV)

41

MAT 3722

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

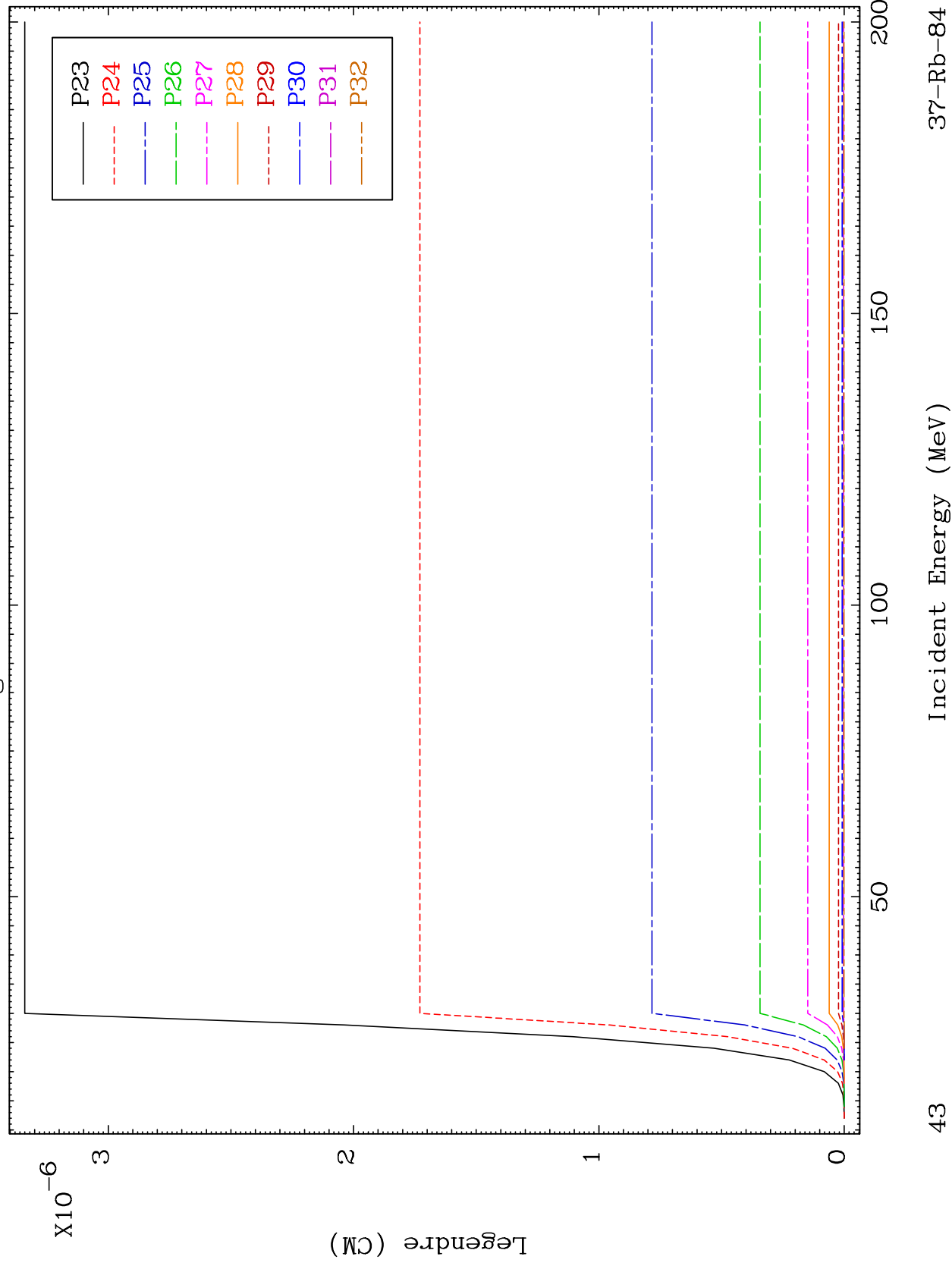
37-Rb-84



MAT 3722

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

37-Rb-84



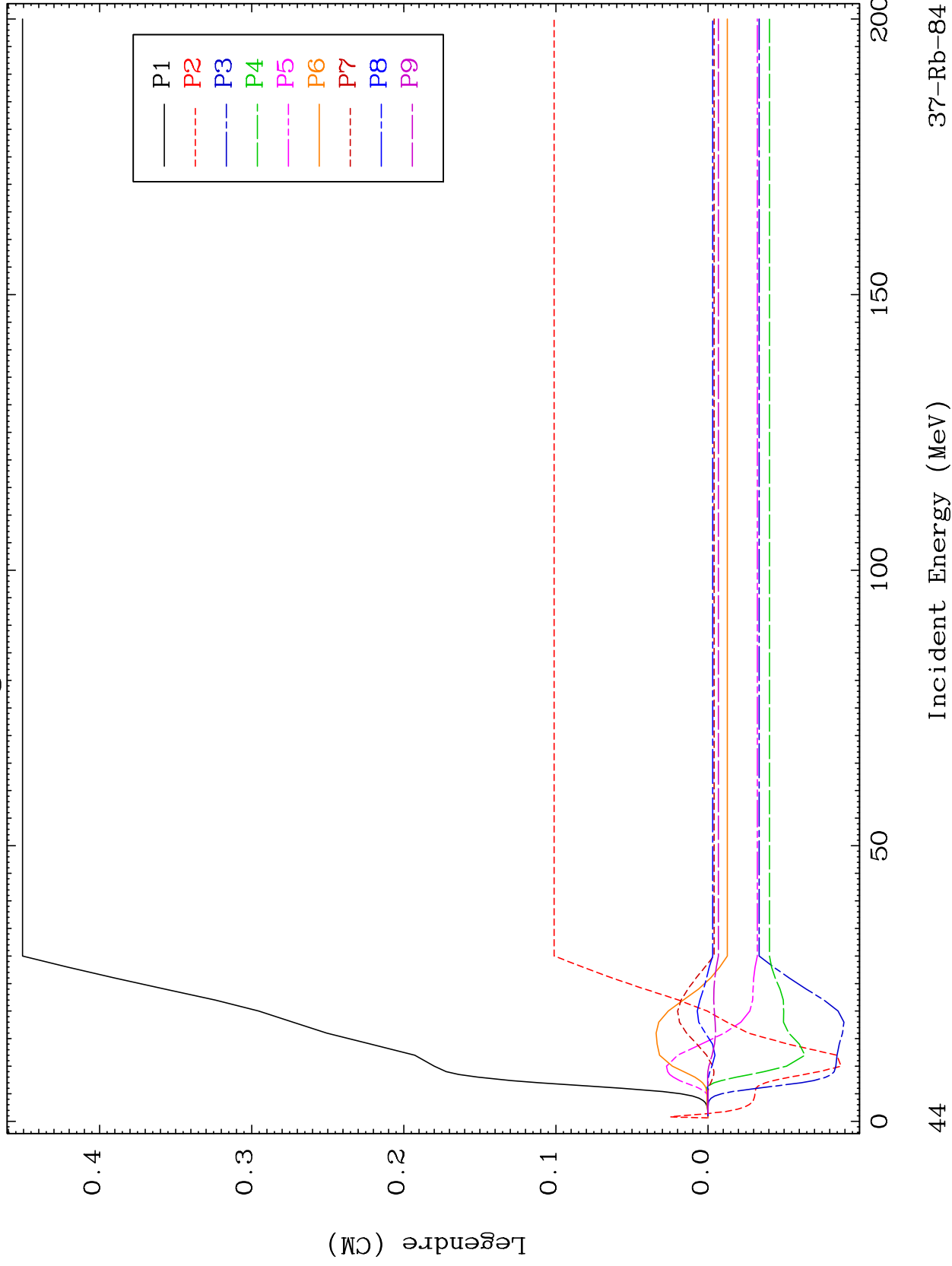
43

37-Rb-84

MAT 3722

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

37-Rb-84



44

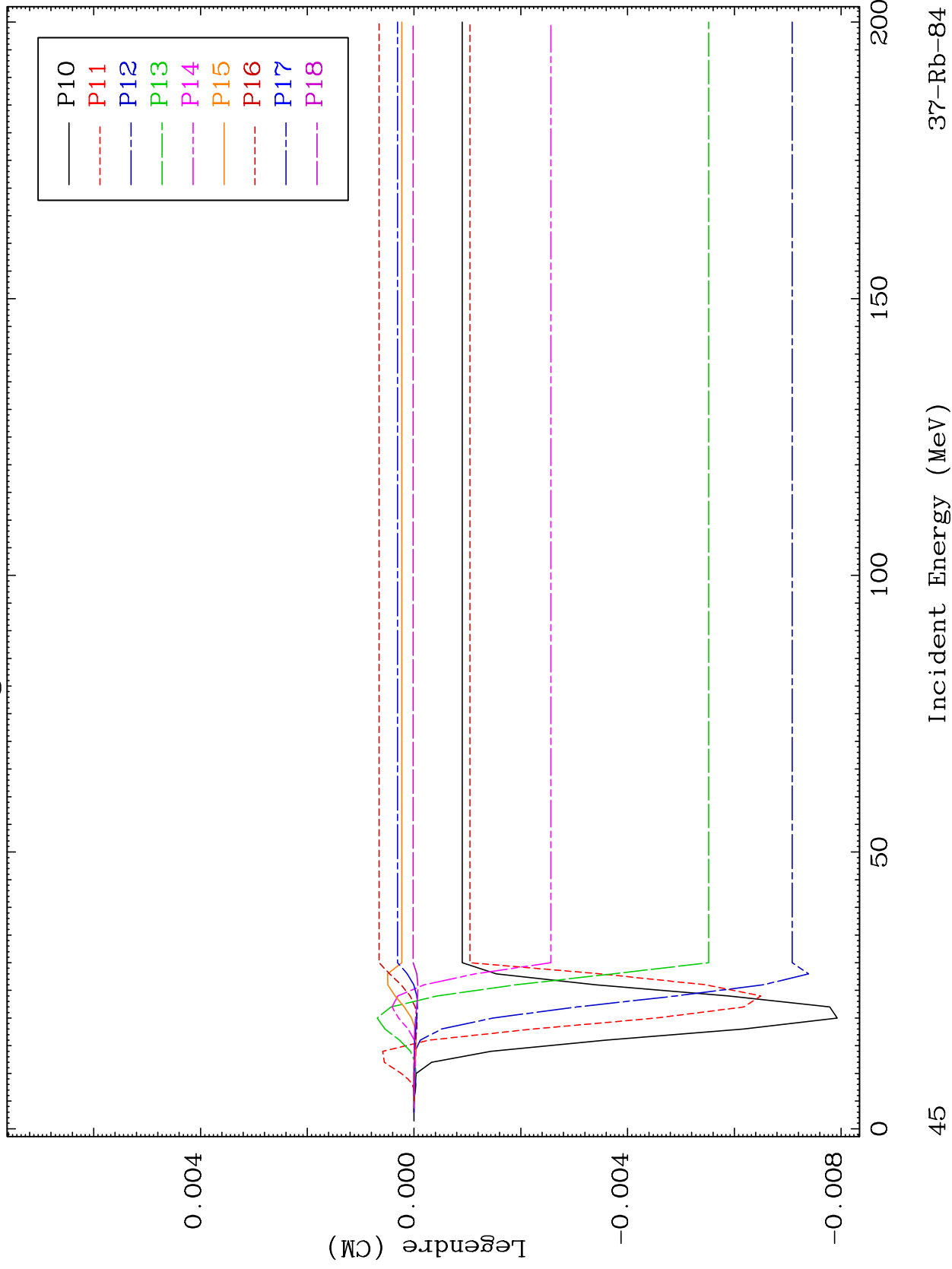
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37-Rb-84

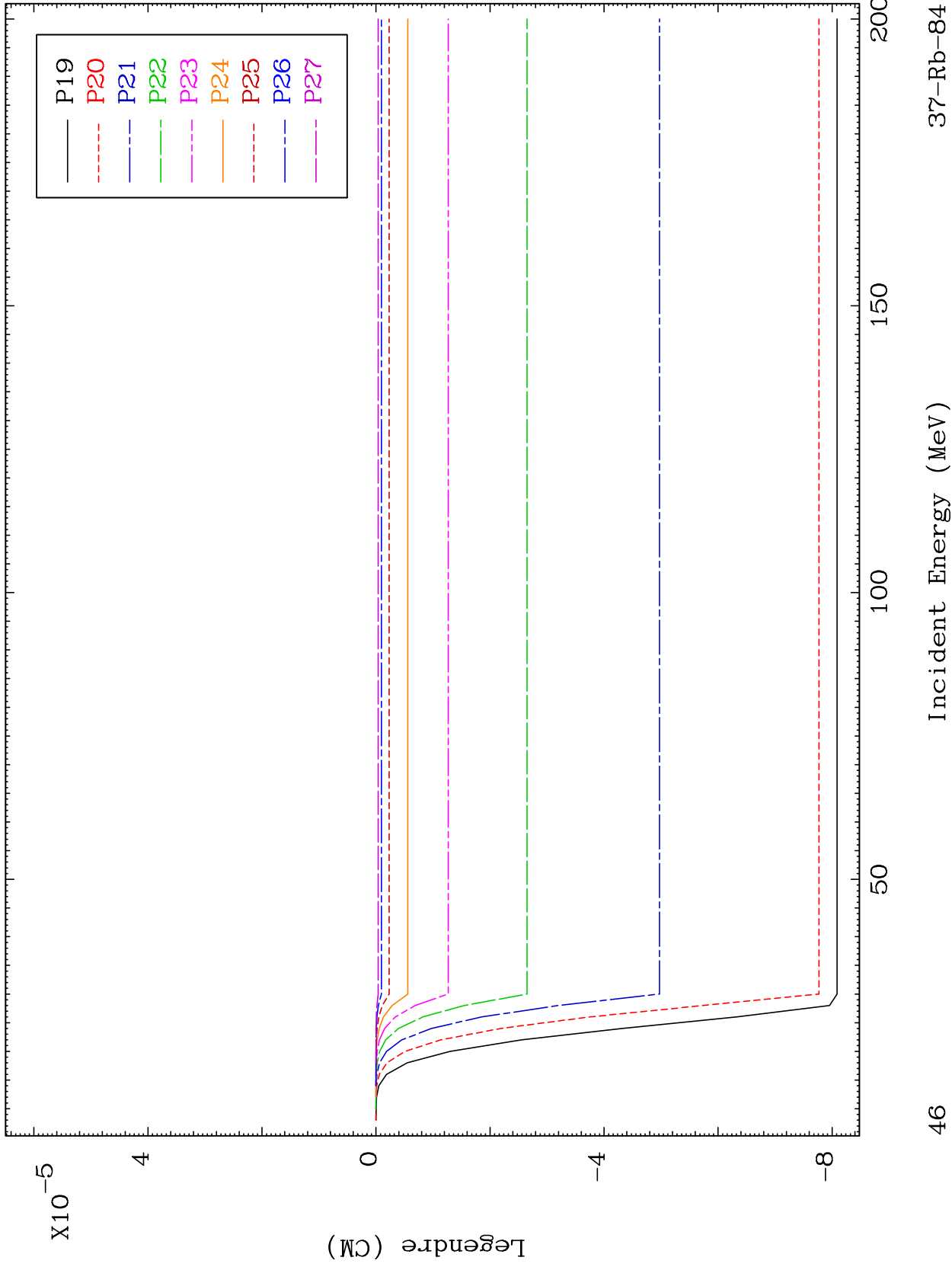
Incident Energy (MeV)

45

MAT 3722

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

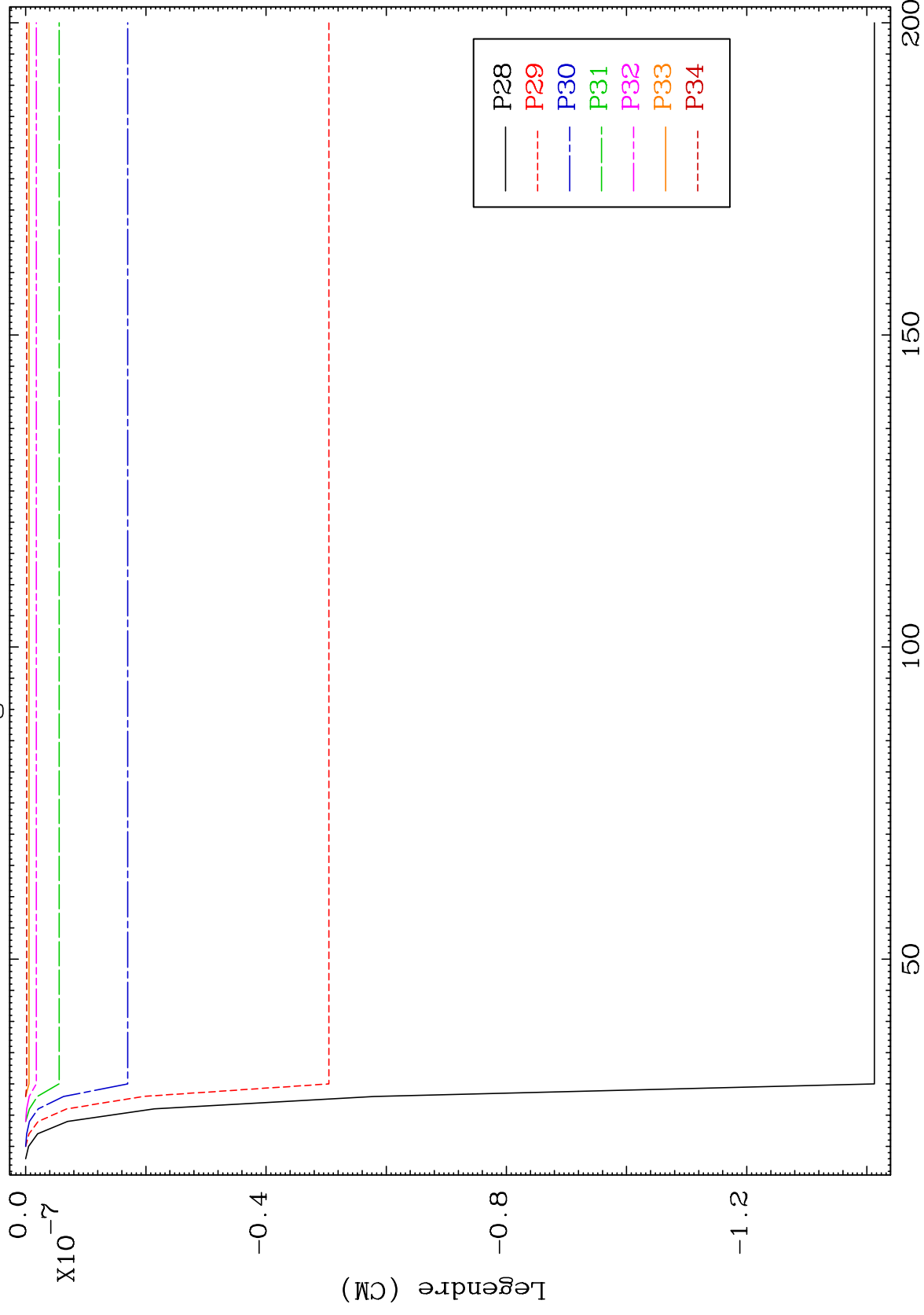
37-Rb-84



MAT 3722

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

37-Rb-84



37-Rb-84

Incident Energy (MeV)

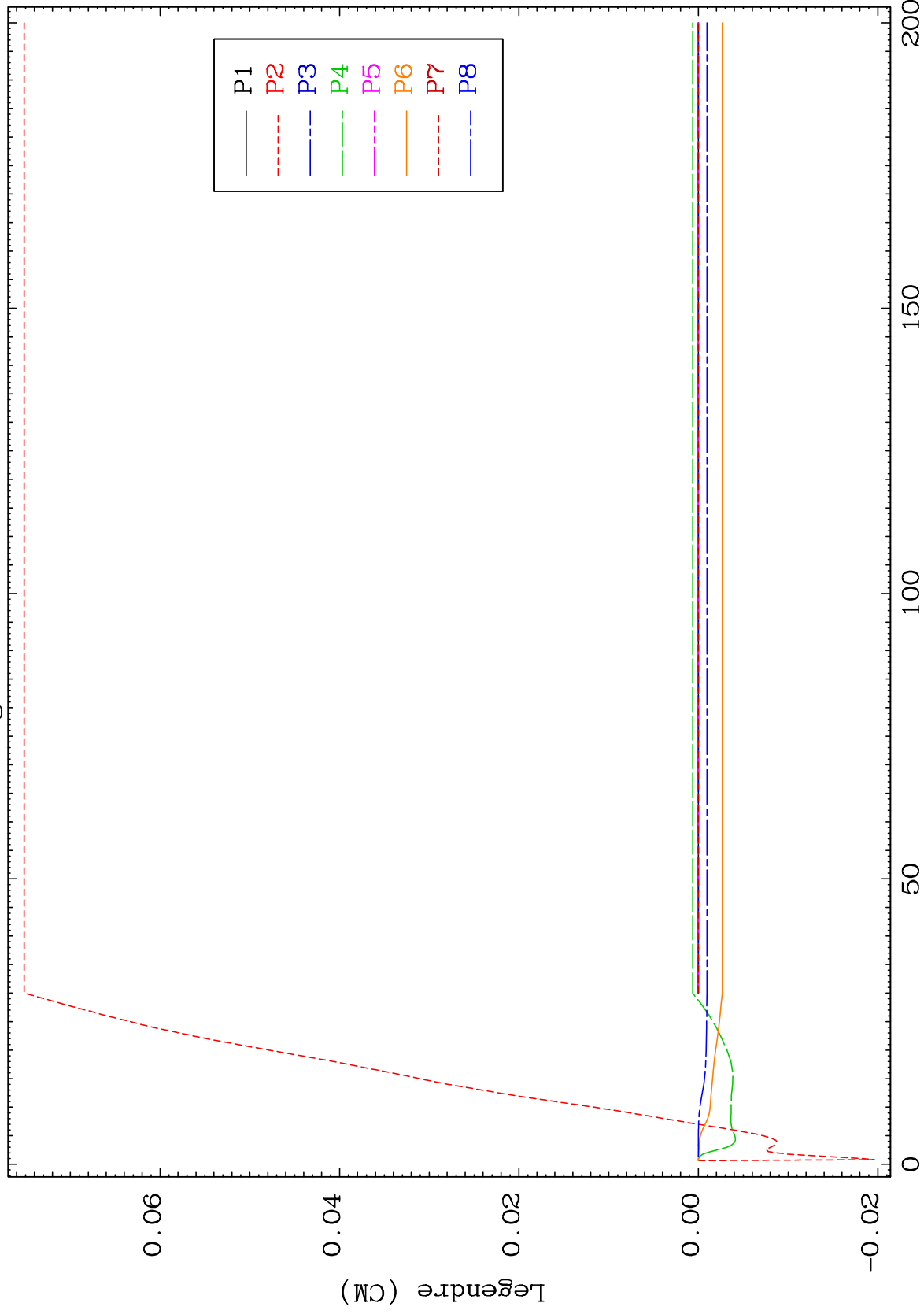
47



MAT 3722

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

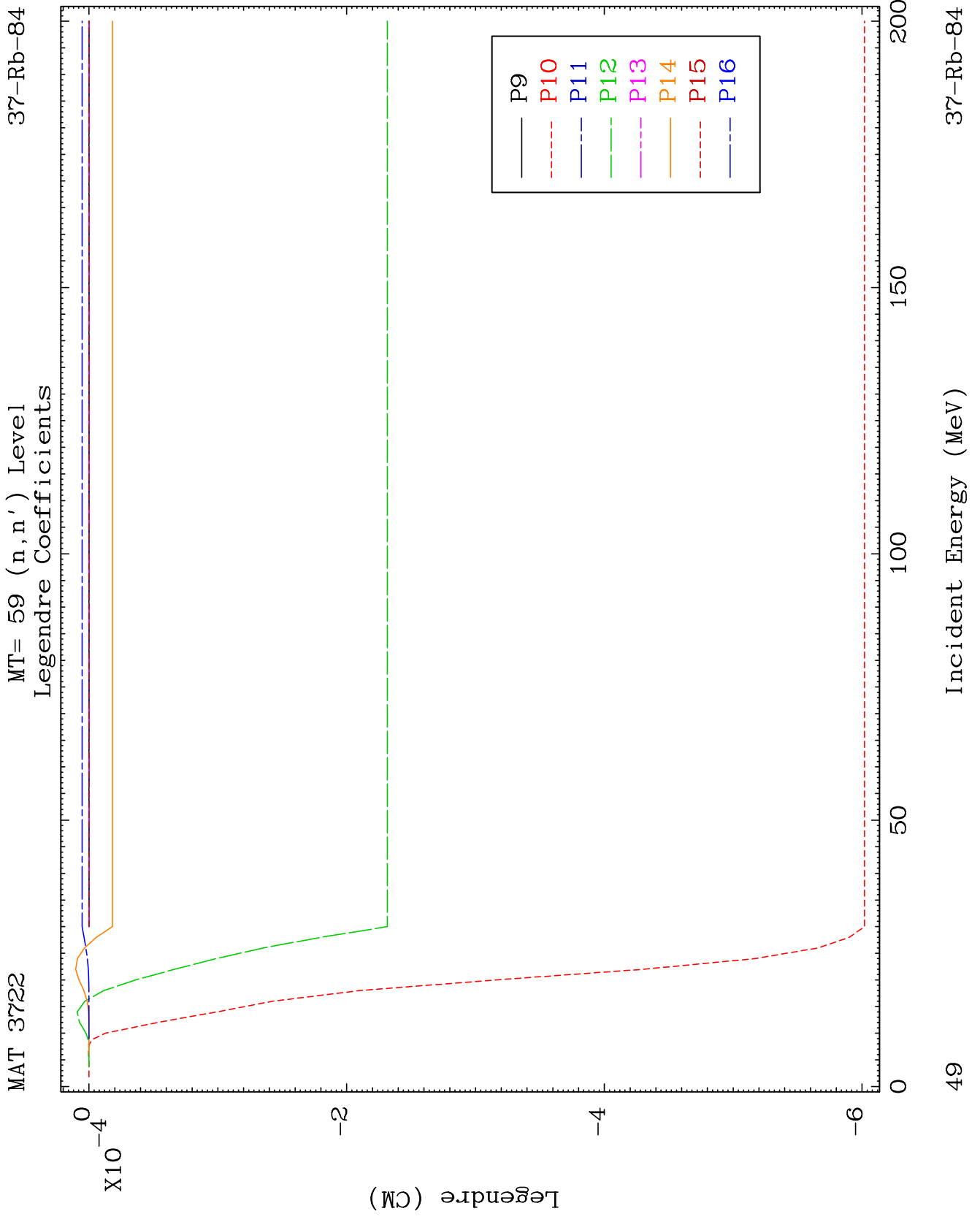
37-Rb-84

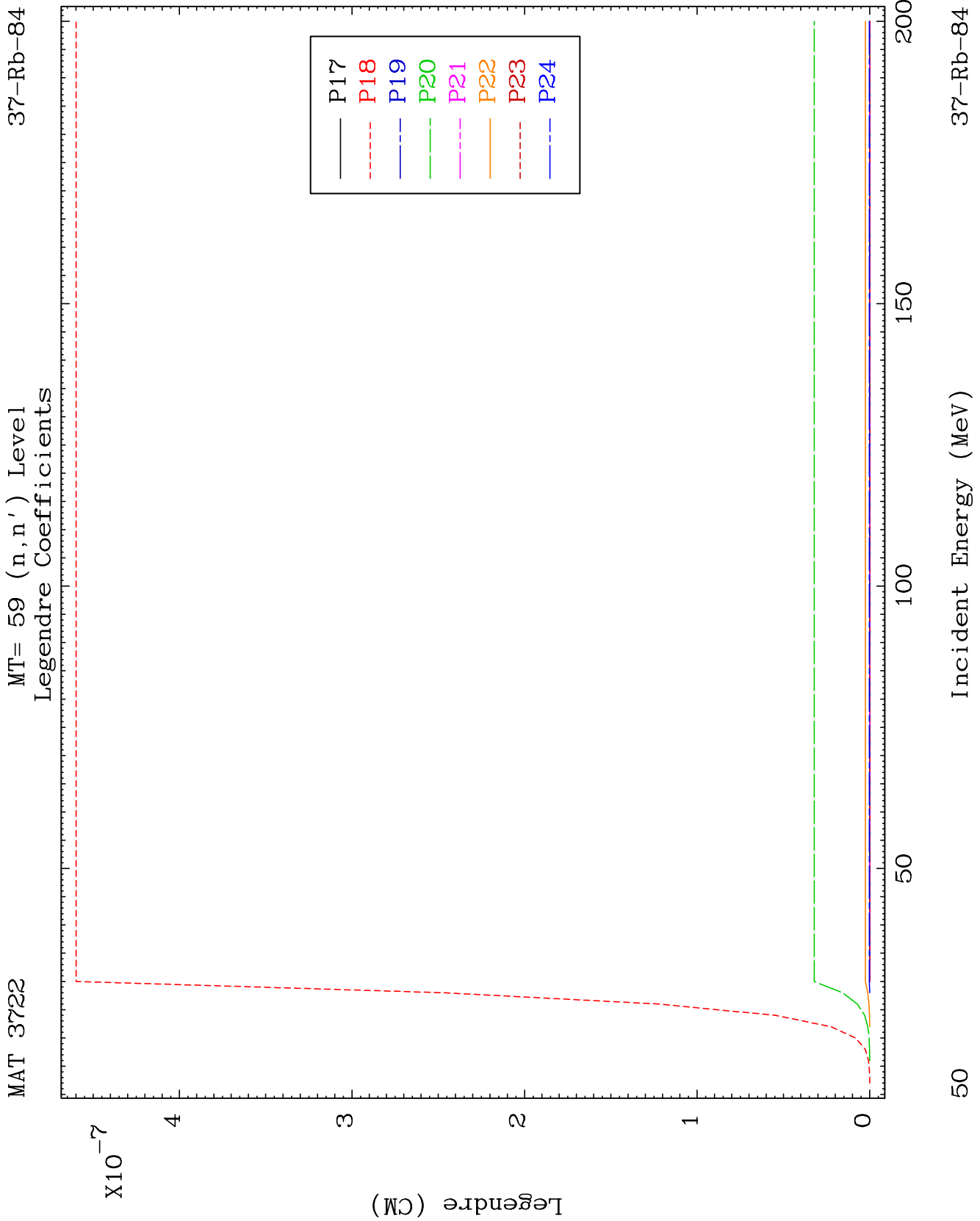


48

Incident Energy (MeV)

37-Rb-84

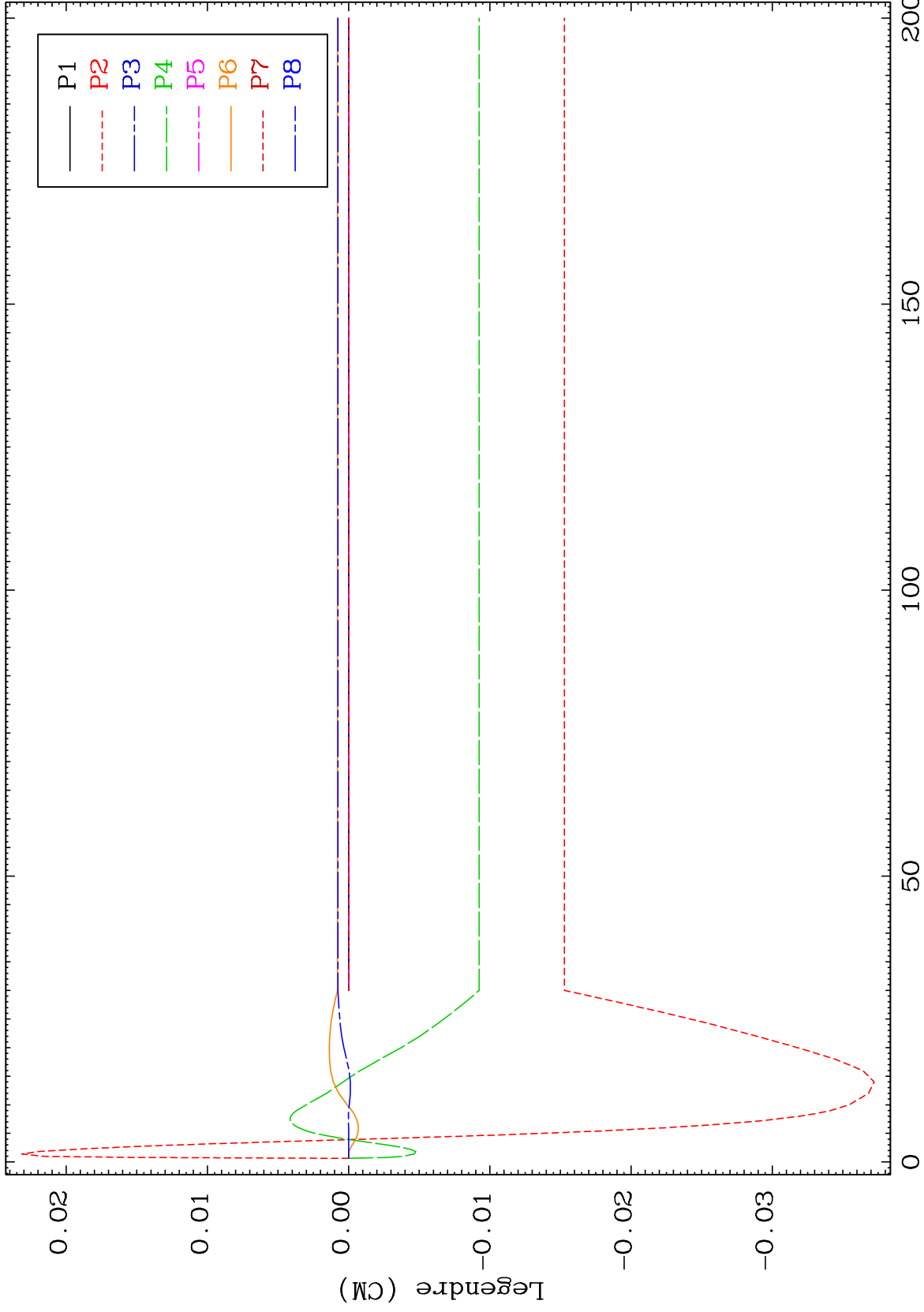




MAT 3722

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

37-Rb-84

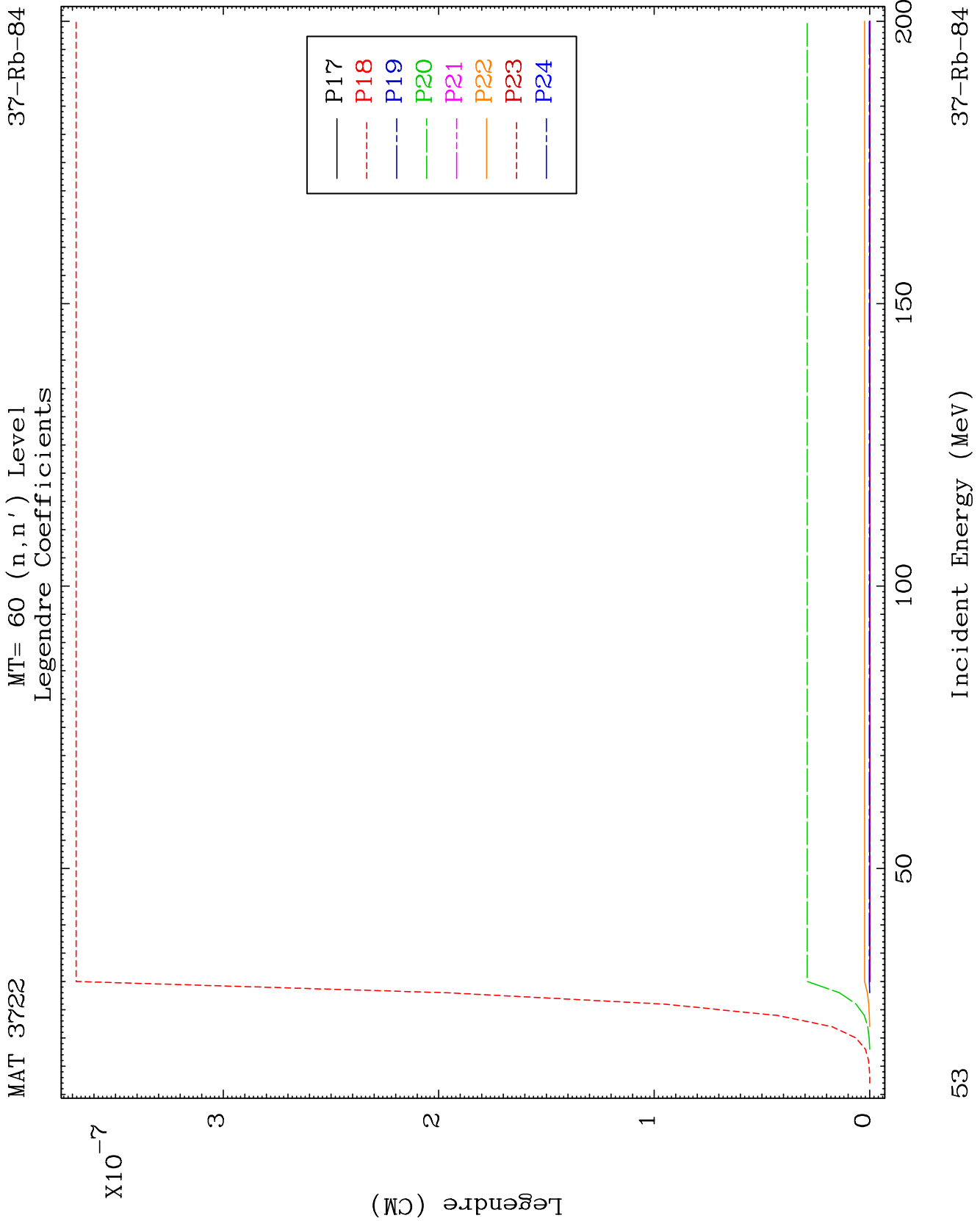


51

Incident Energy (MeV)

37-Rb-84

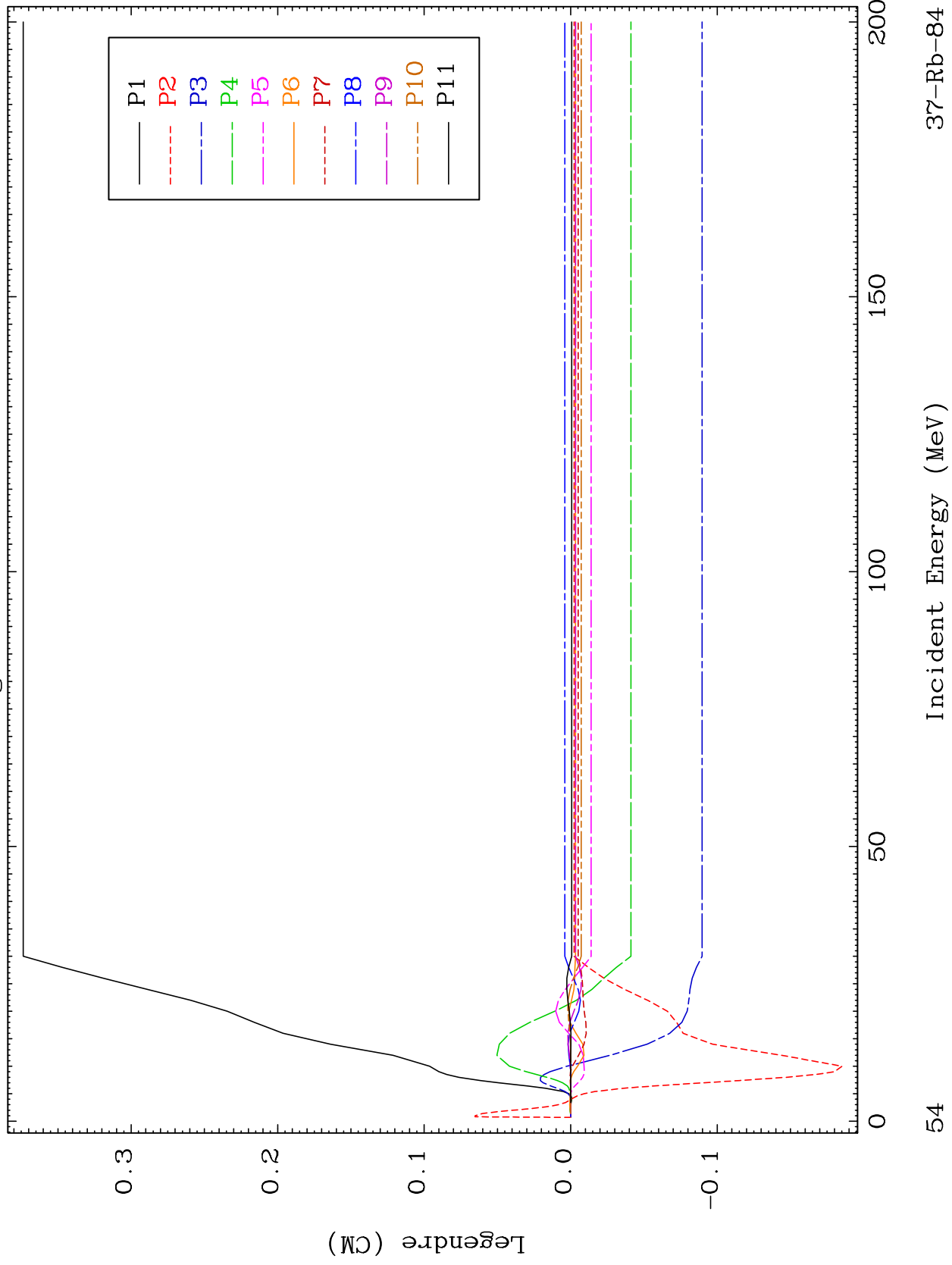




MAT 3722

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

37-Rb-84



37-Rb-84

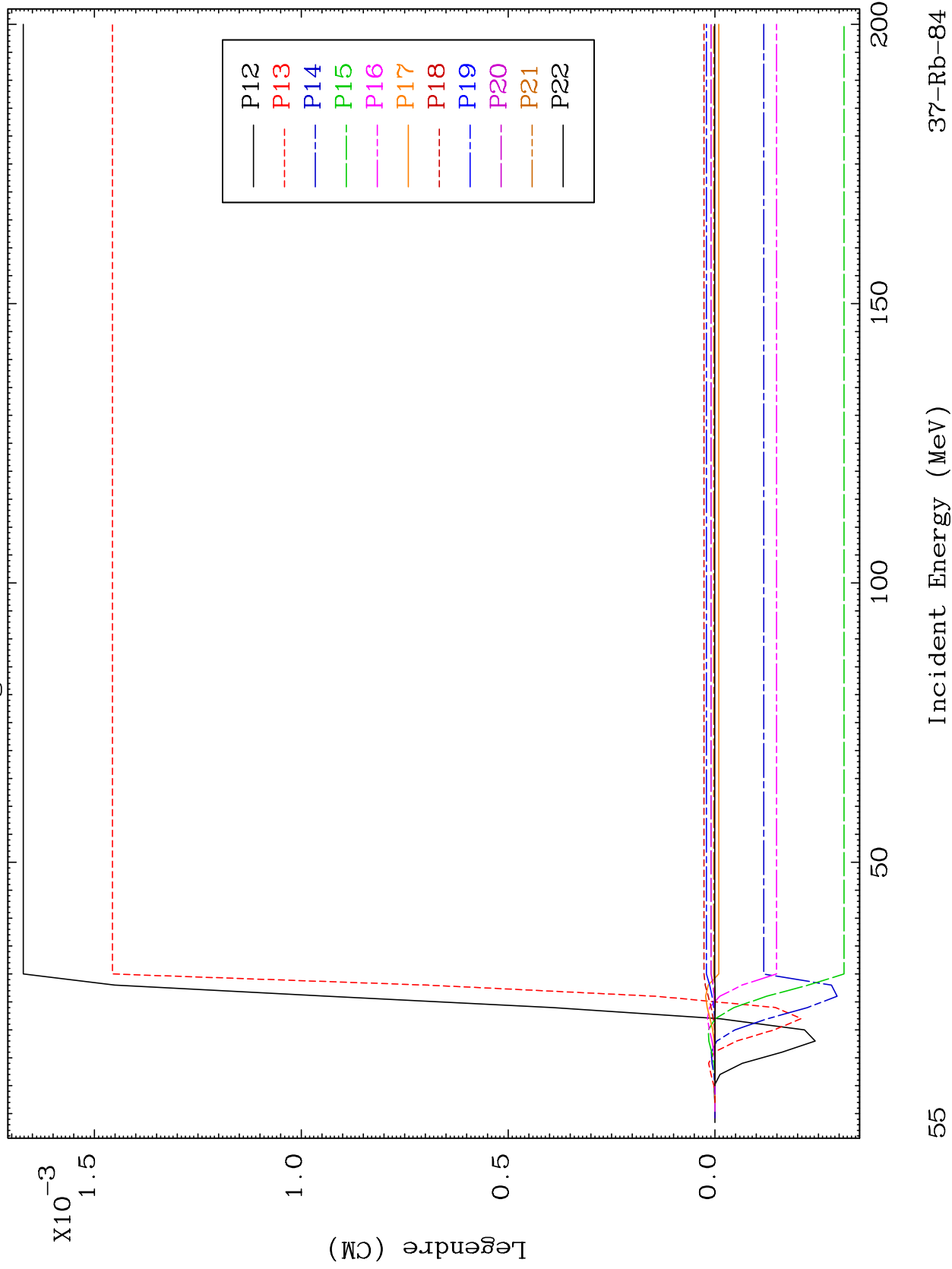
Incident Energy (MeV)

54

MAT 3722

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

37-Rb-84



55

Incident Energy (MeV)

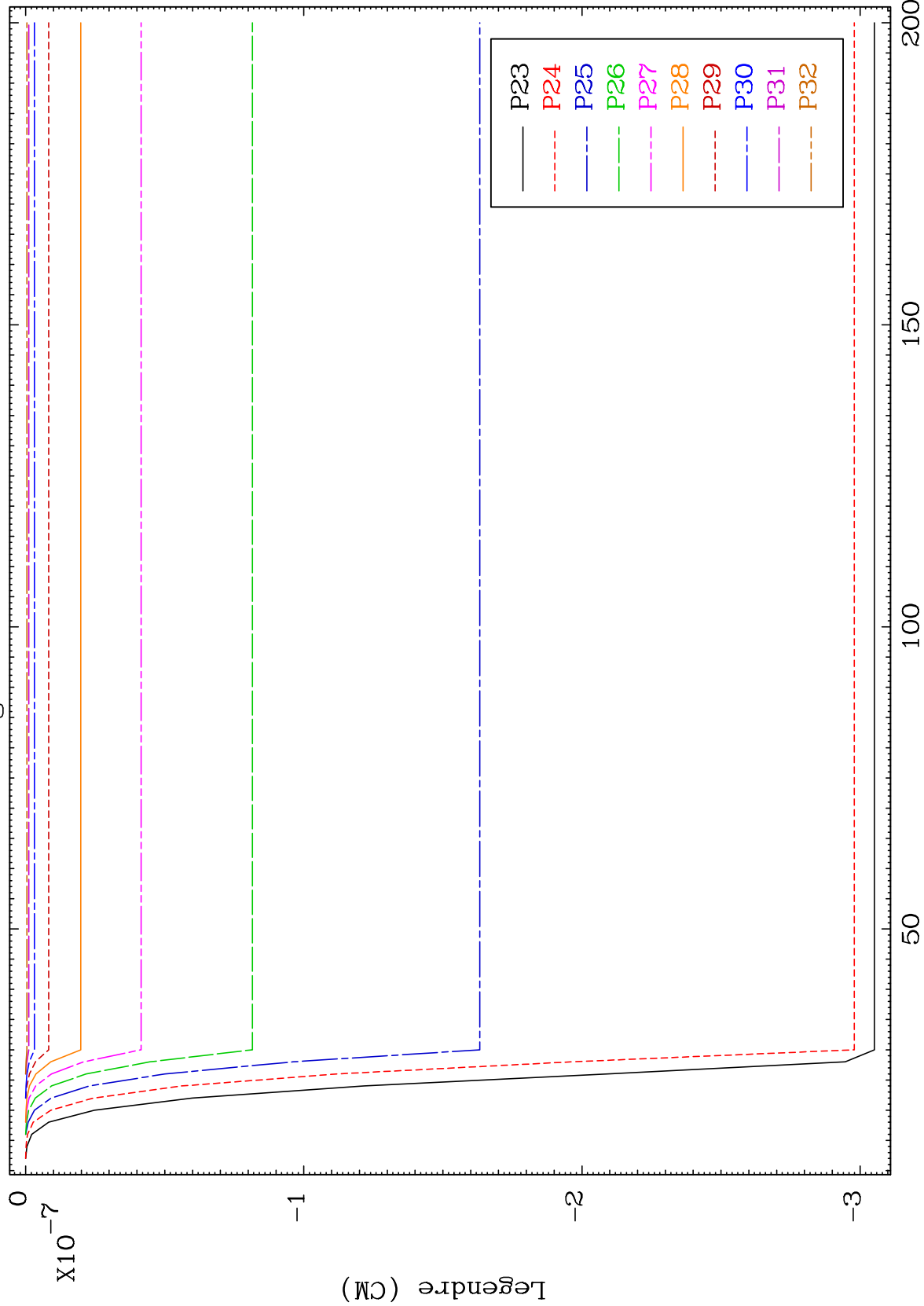
37-Rb-84



MAT 3722

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

37-Rb-84



37-Rb-84

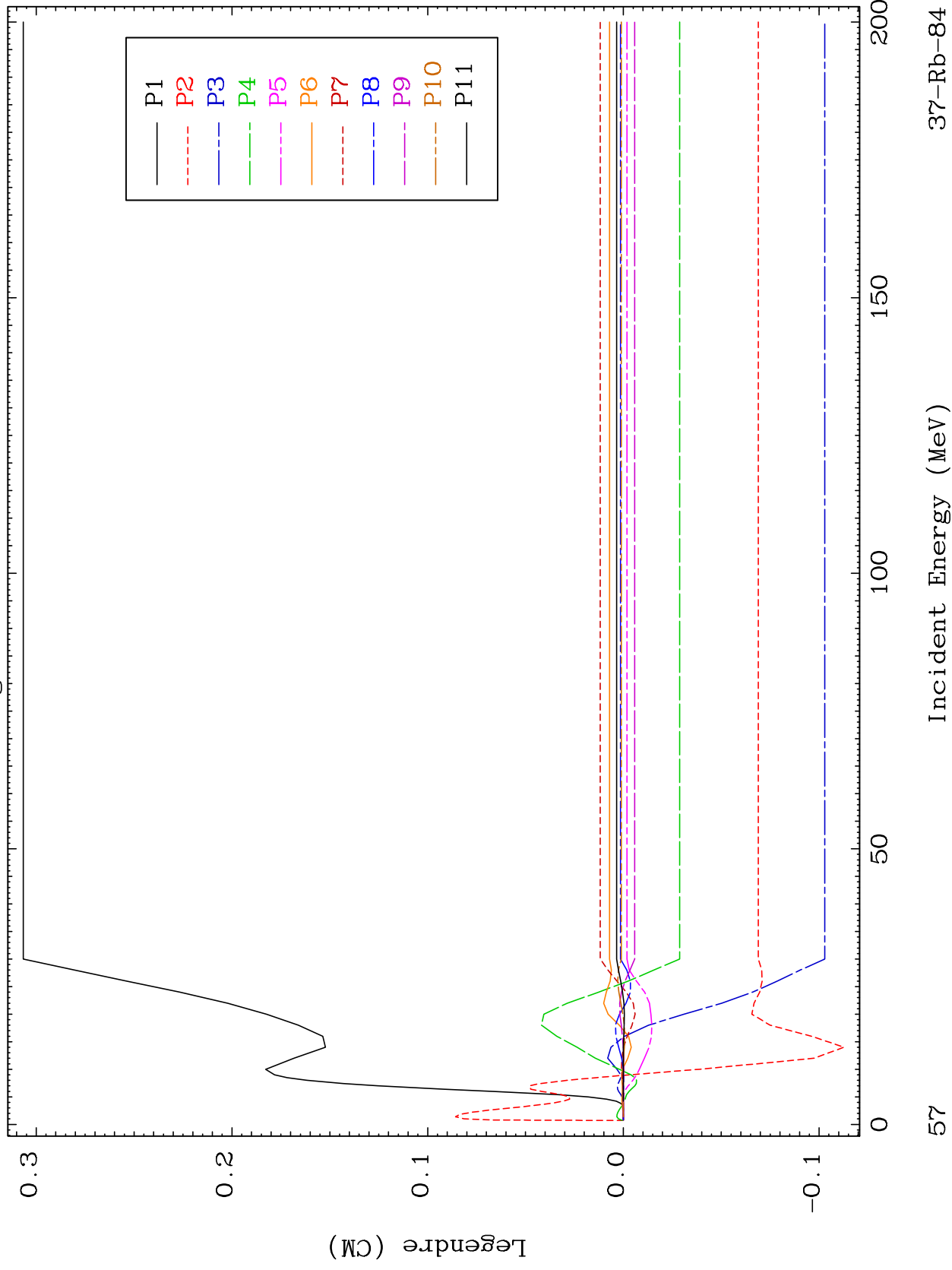
Incident Energy (MeV)

56

MAT 3722

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

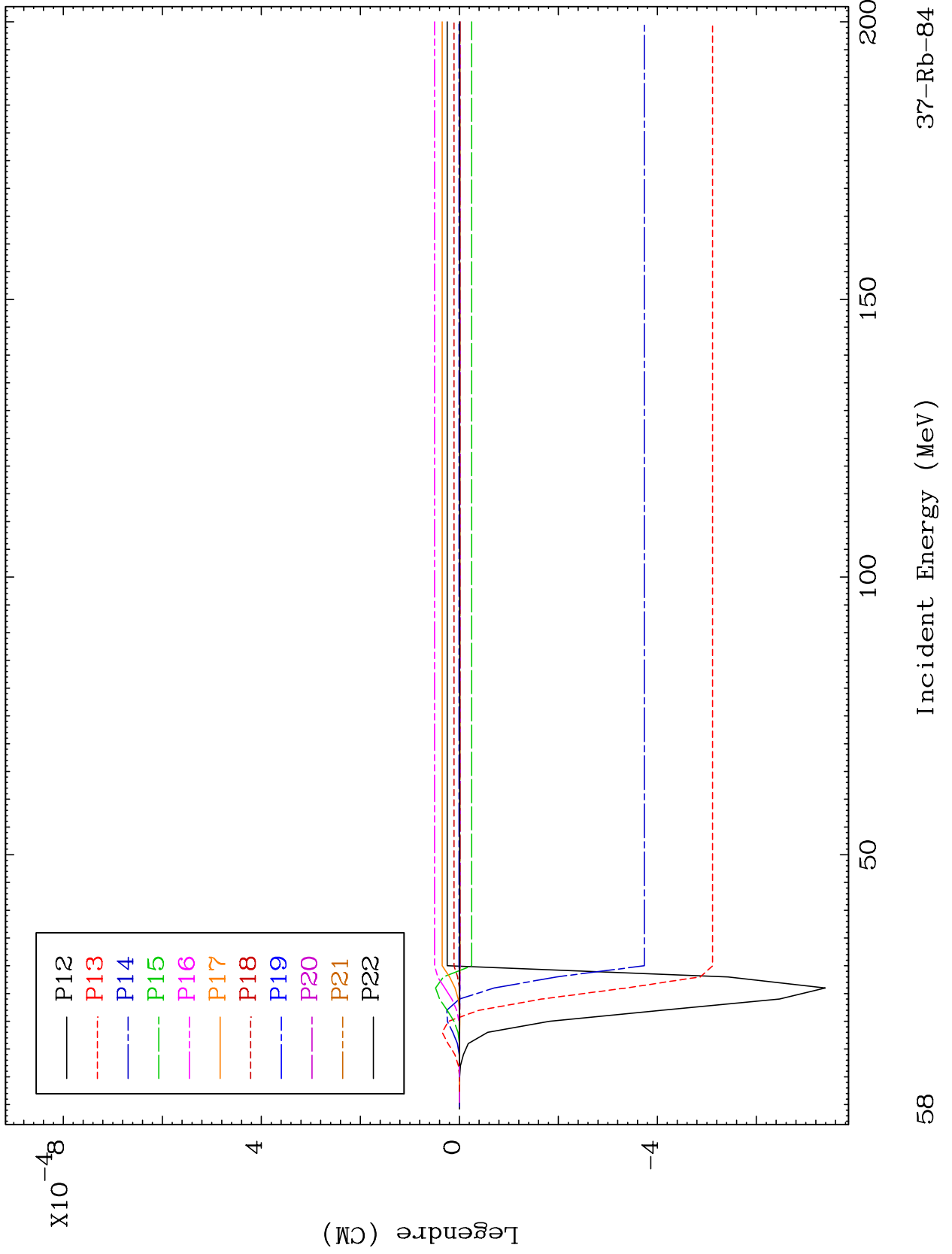
37-Rb-84



37-Rb-84

Incident Energy (MeV)

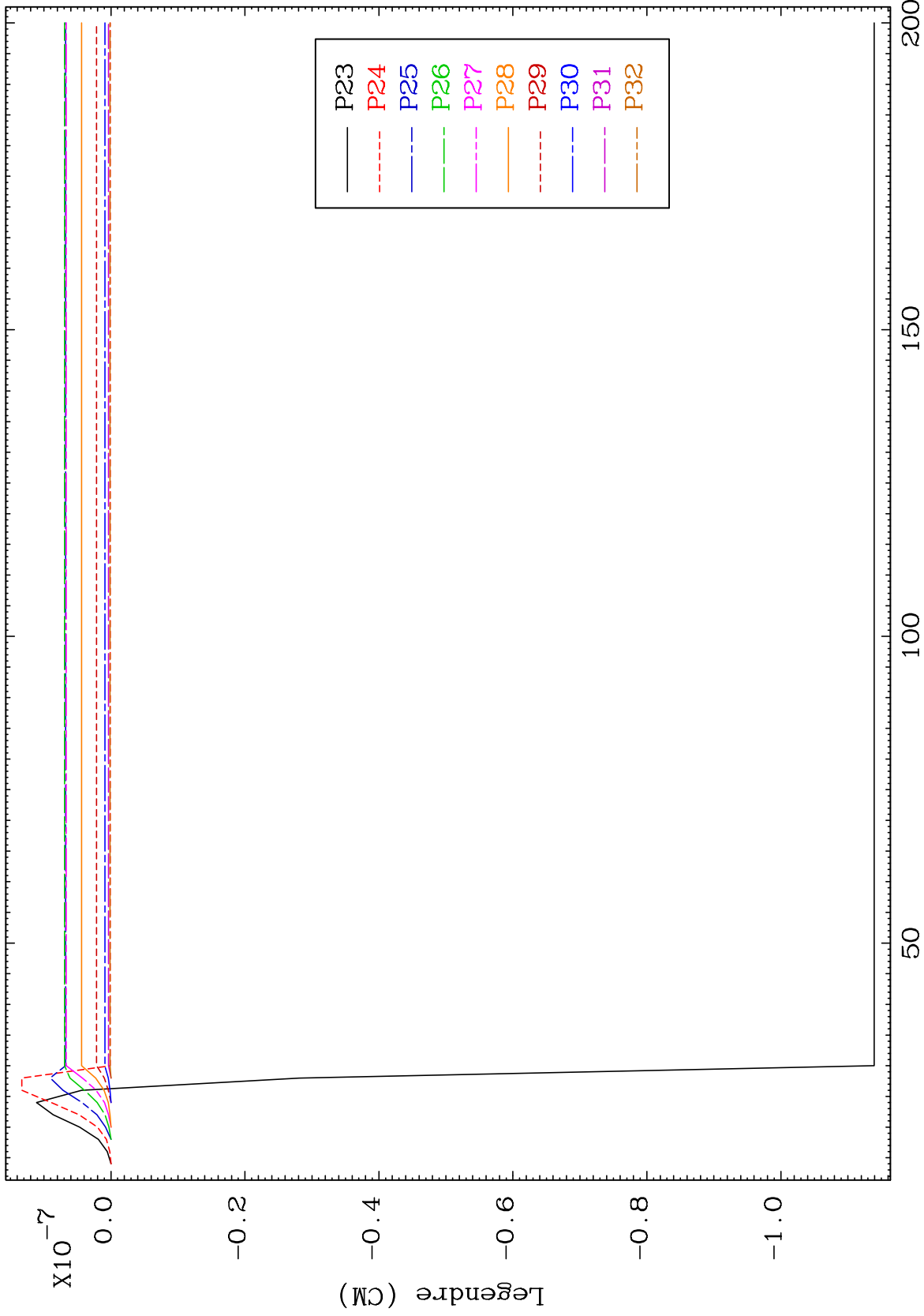
57



MAT 3722

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

37-Rb-84



59

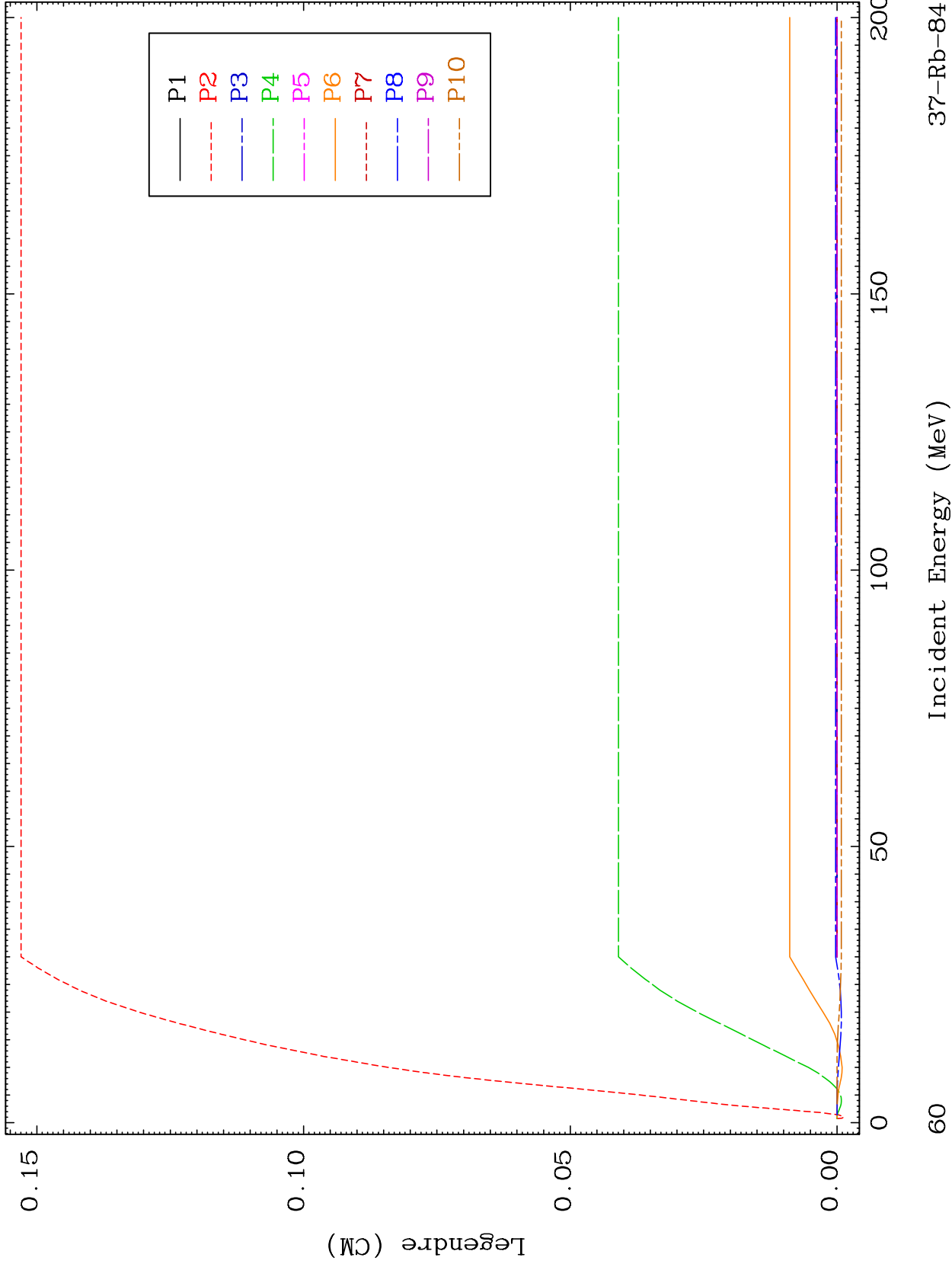
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

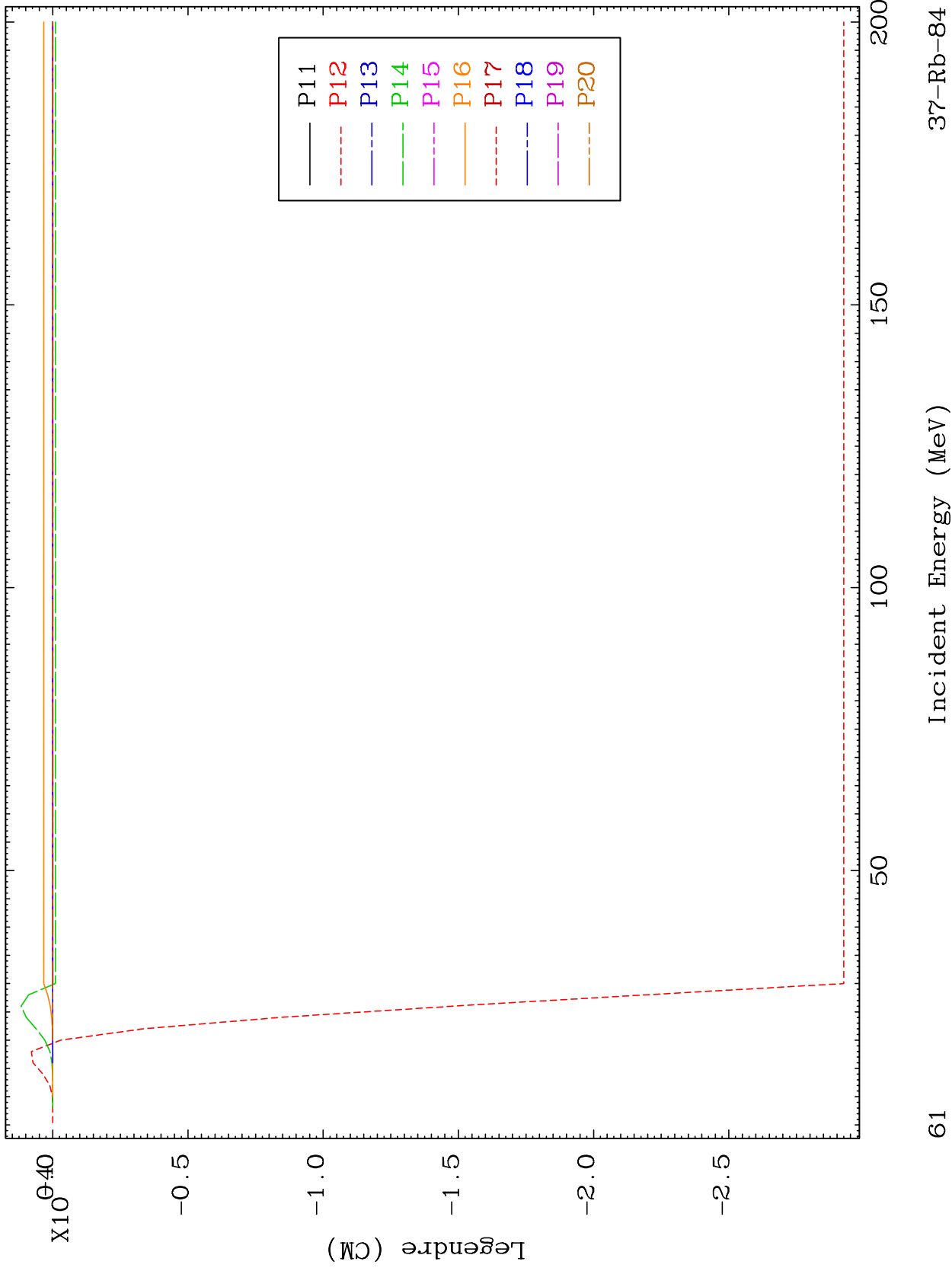
37-Rb-84



MAT 3722

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

37-Rb-84

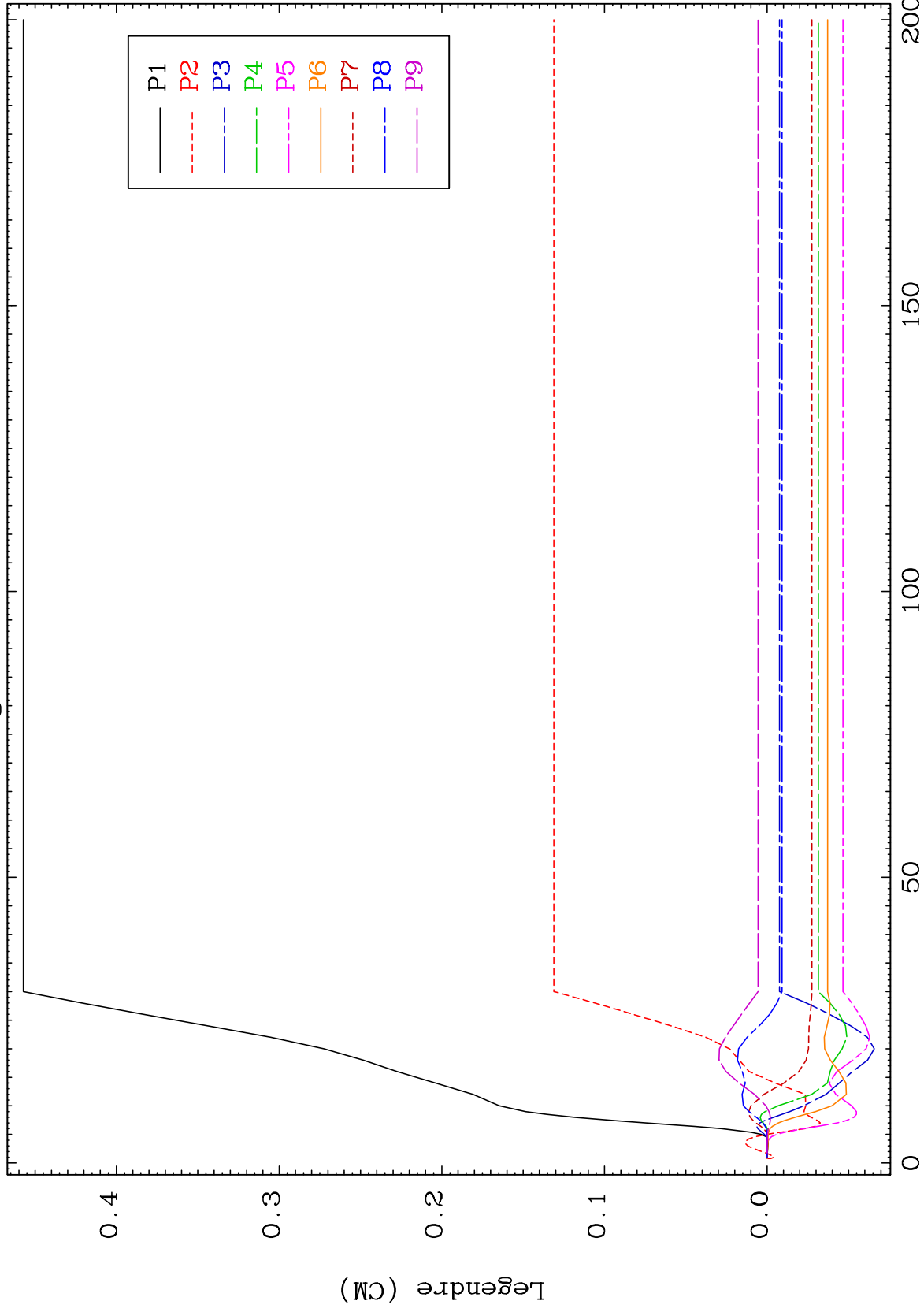


61

MAT 3722

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

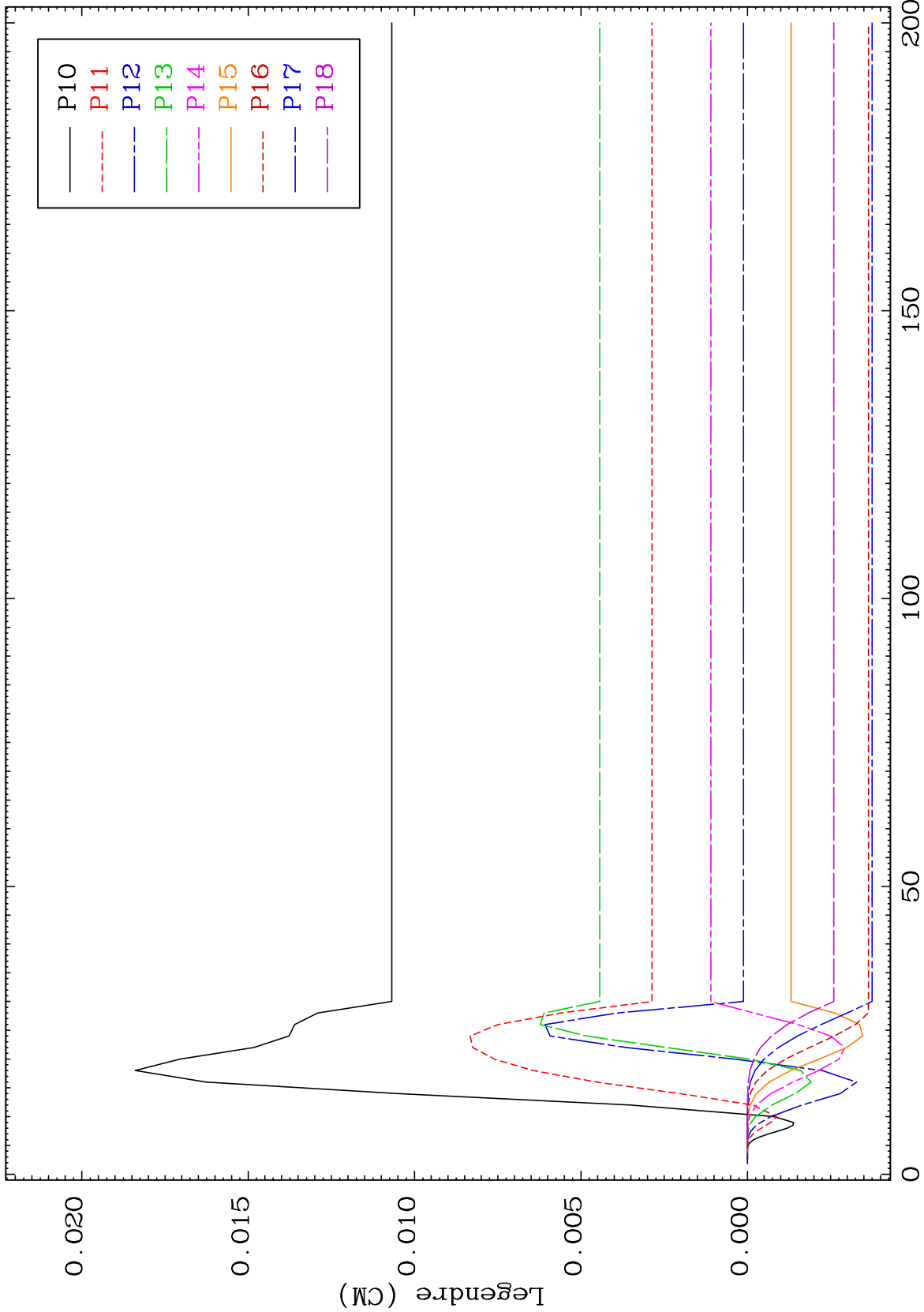
37-Rb-84



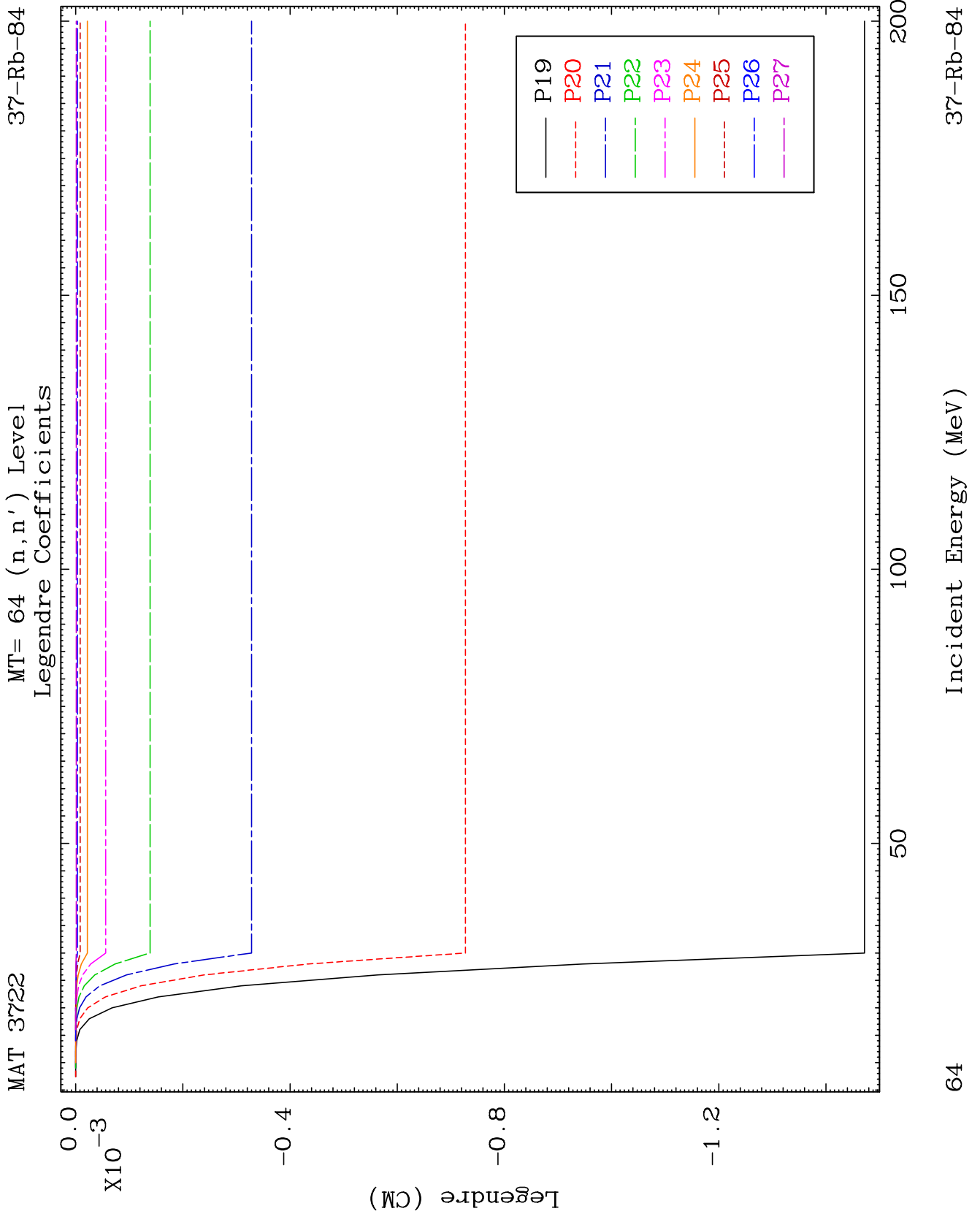
62

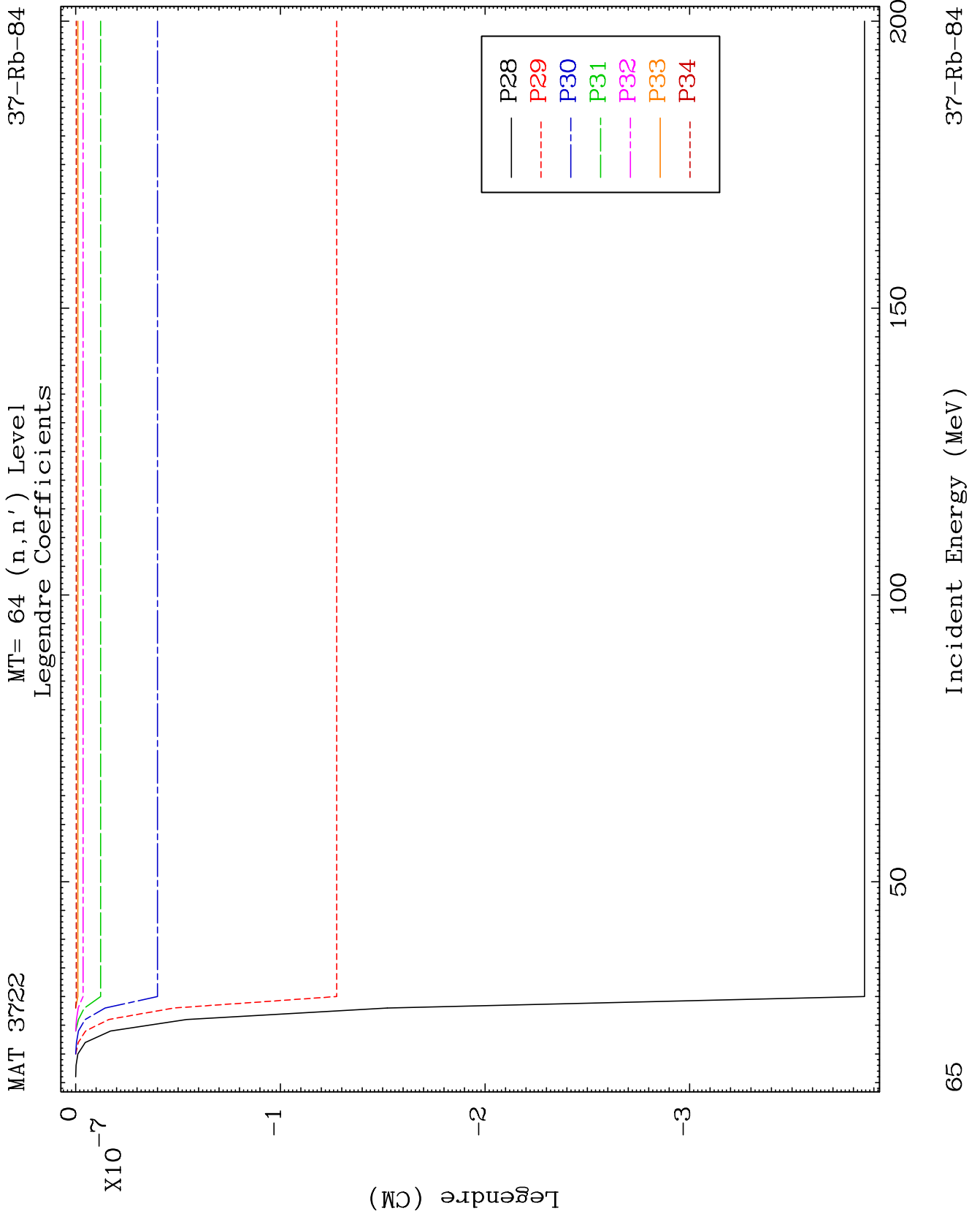
Incident Energy (MeV)

37-Rb-84





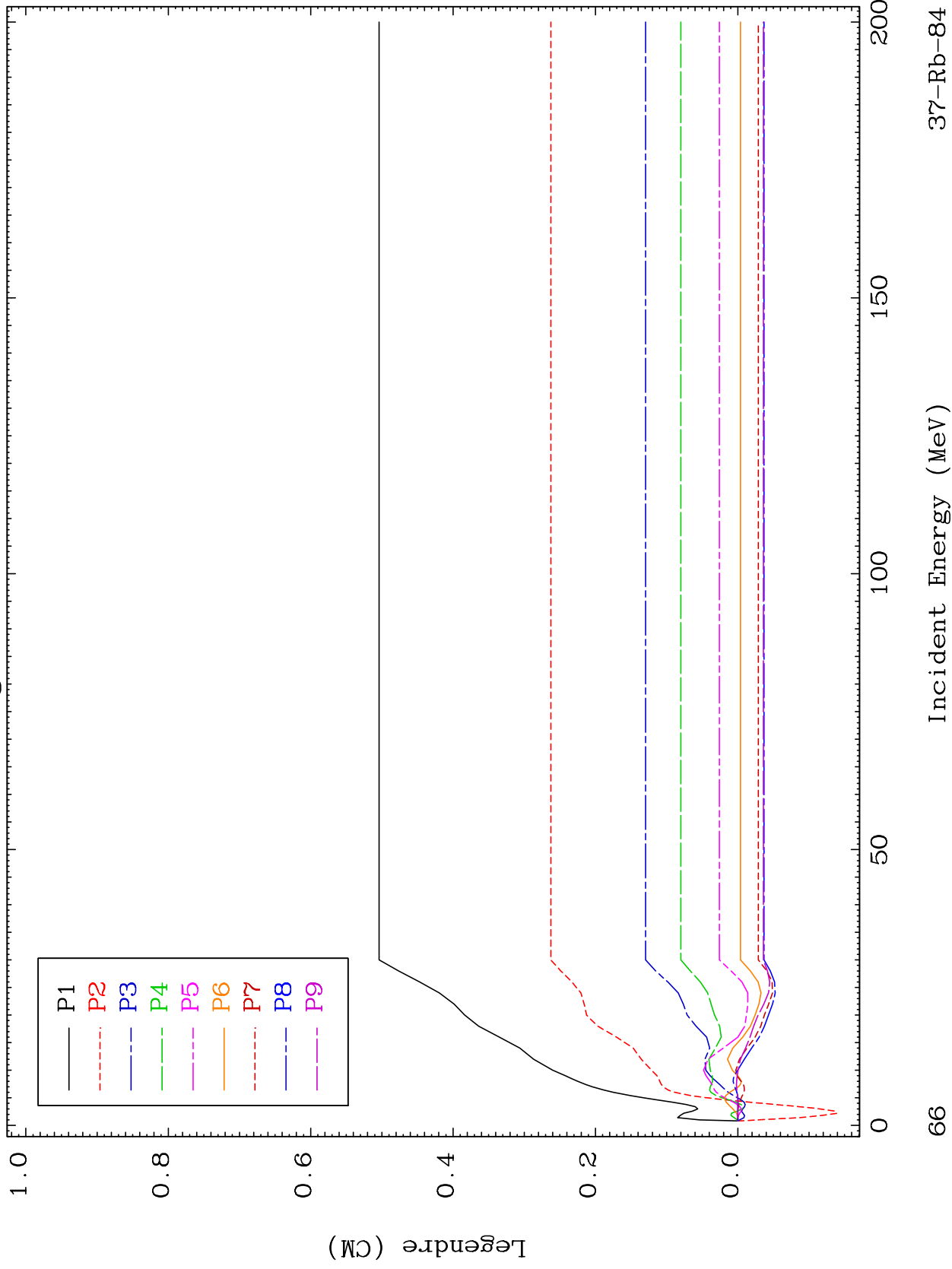




MAT 3722

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

37-Rb-84



66

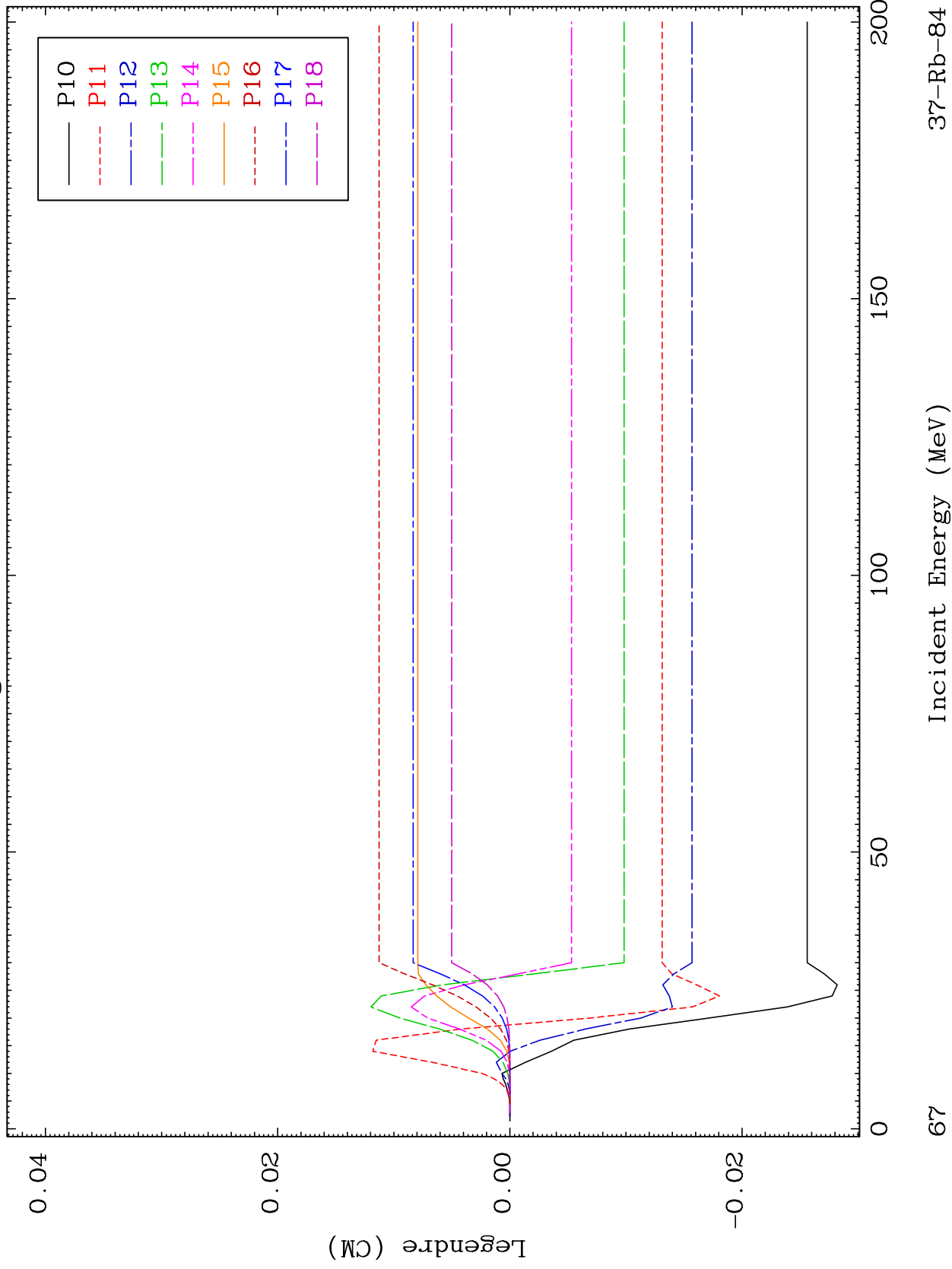
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



67

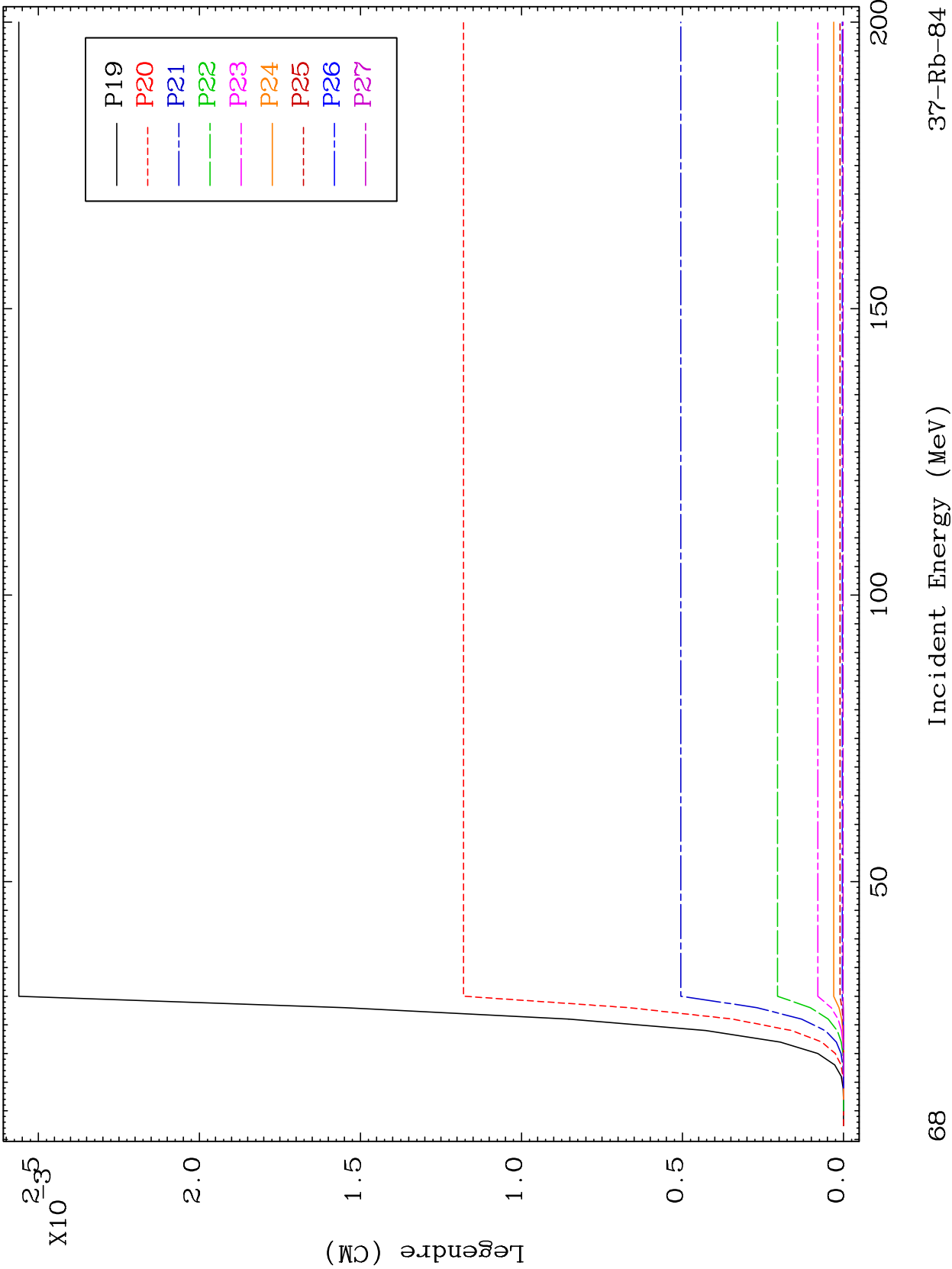
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



68

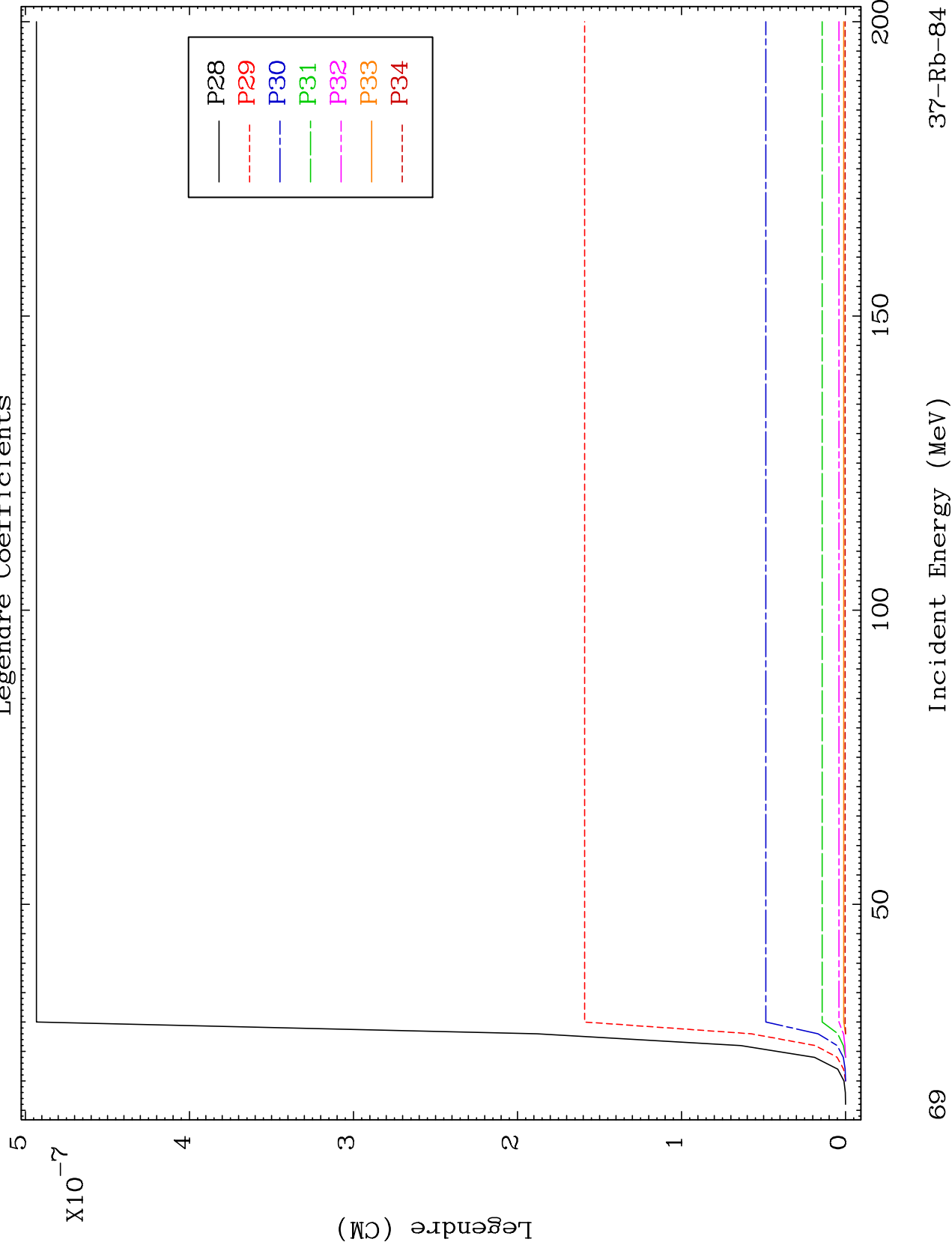
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



69

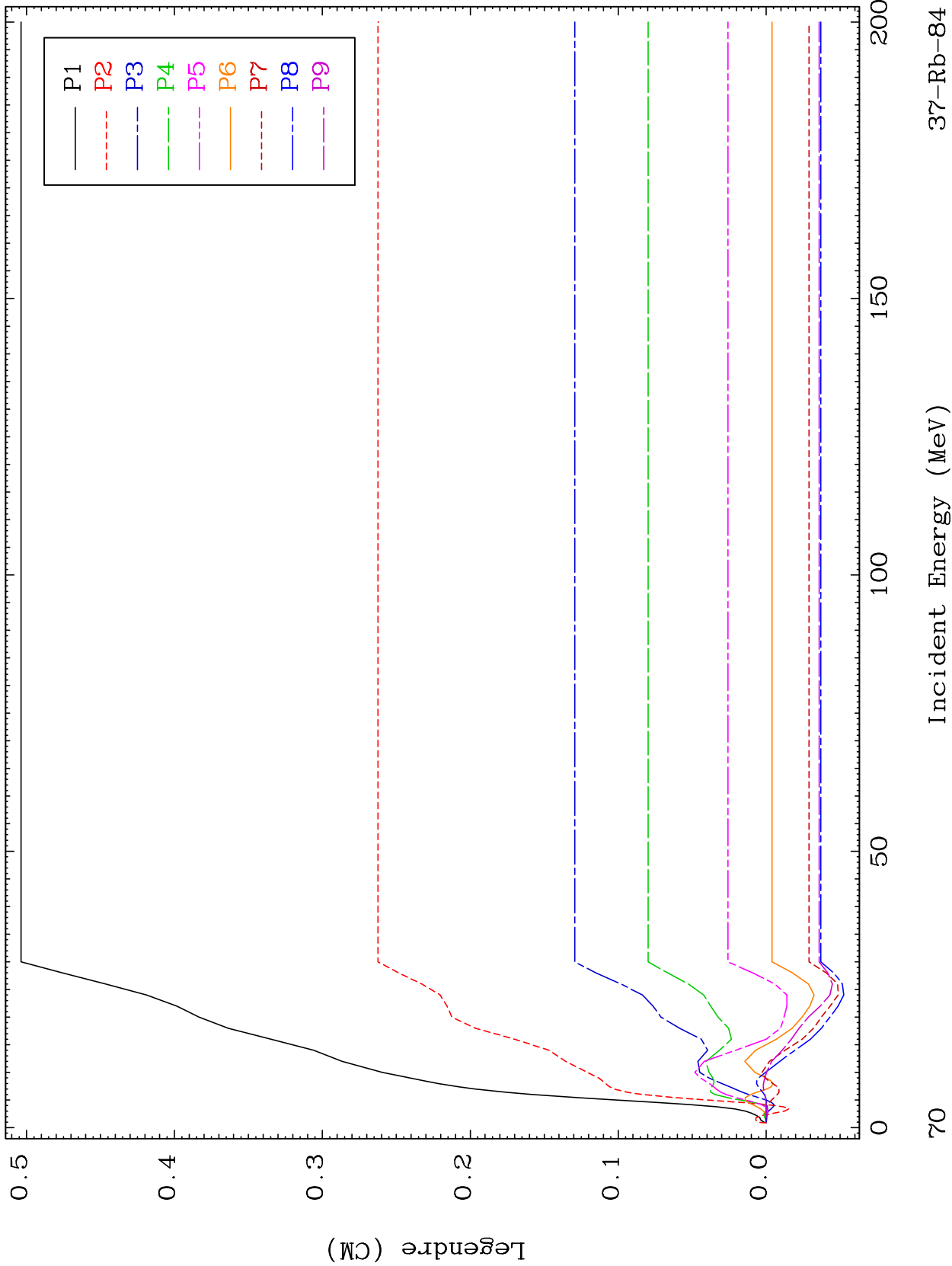
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



37-Rb-84

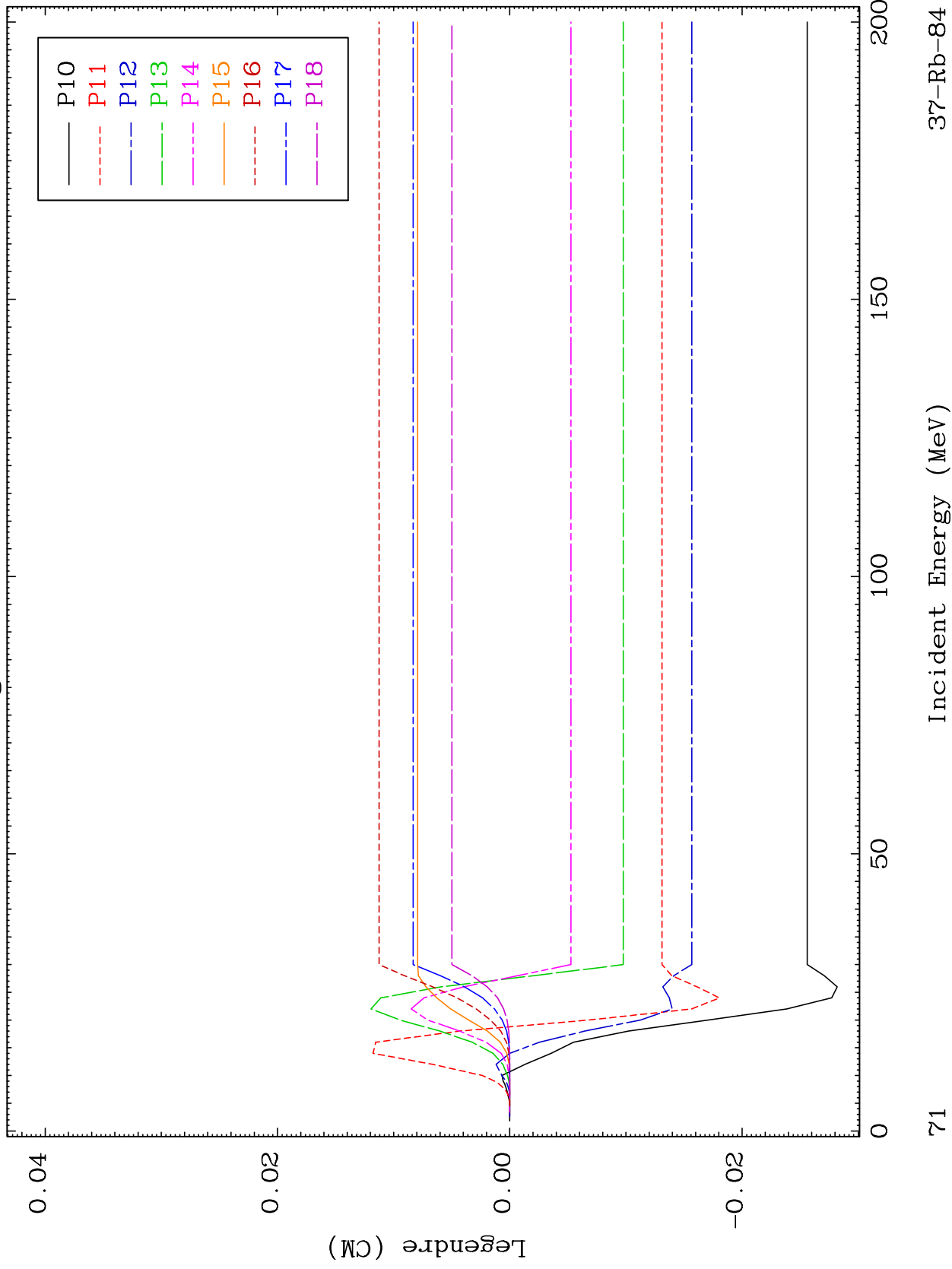
Incident Energy (MeV)

70

MAT 3722

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

37-Rb-84



71

Incident Energy (MeV)

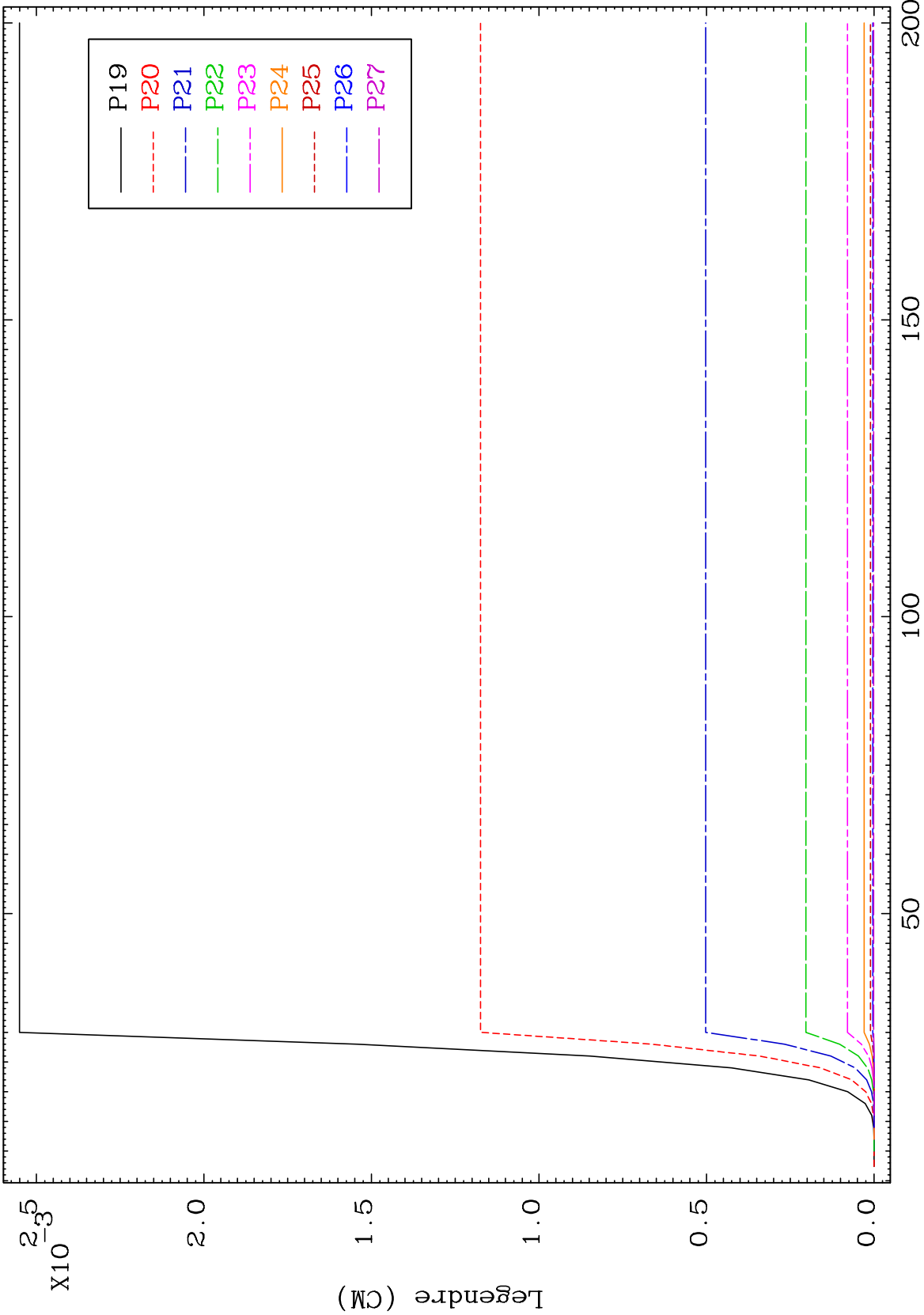
37-Rb-84



MAT 3722

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

37-Rb-84



72

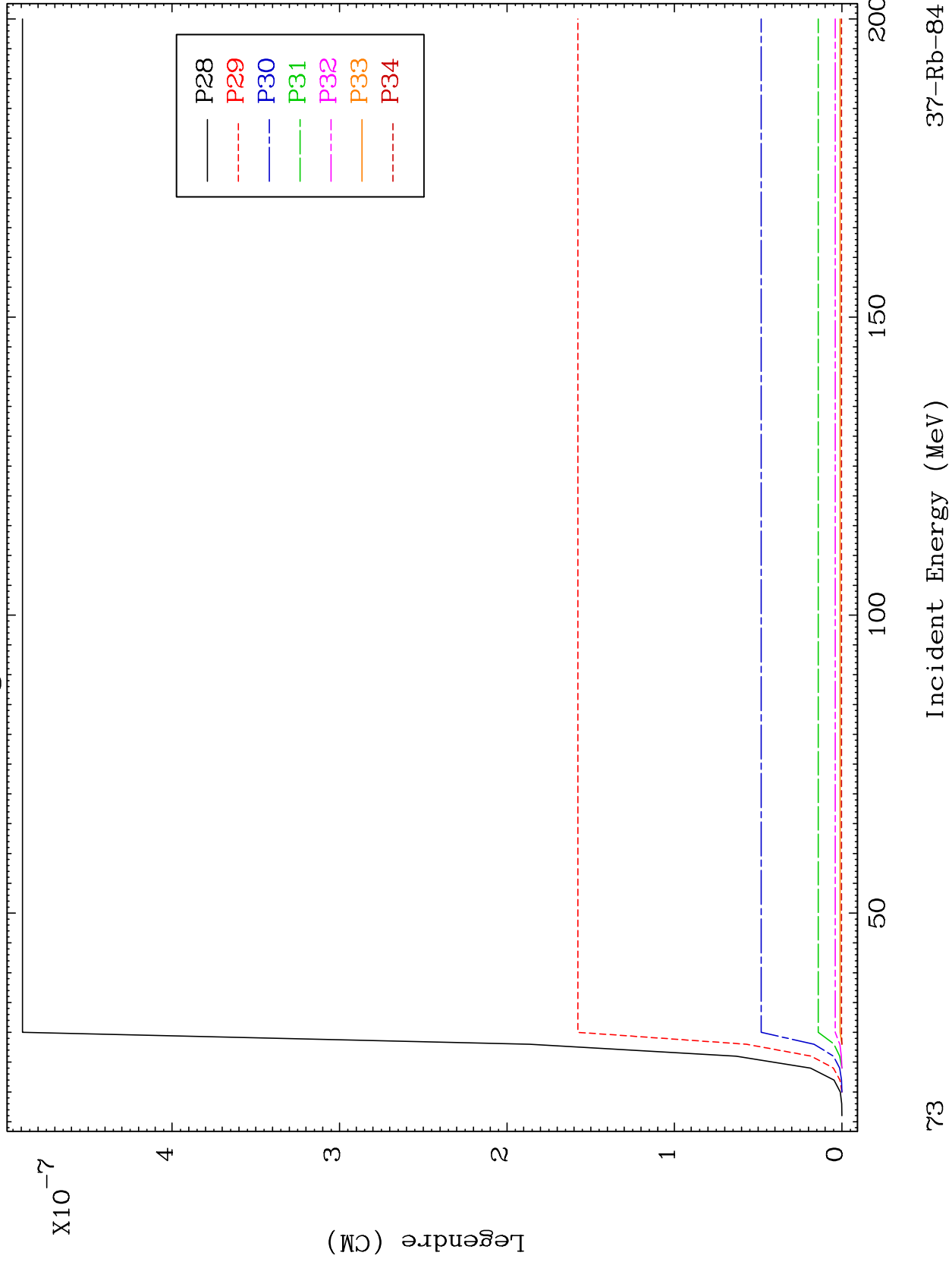
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

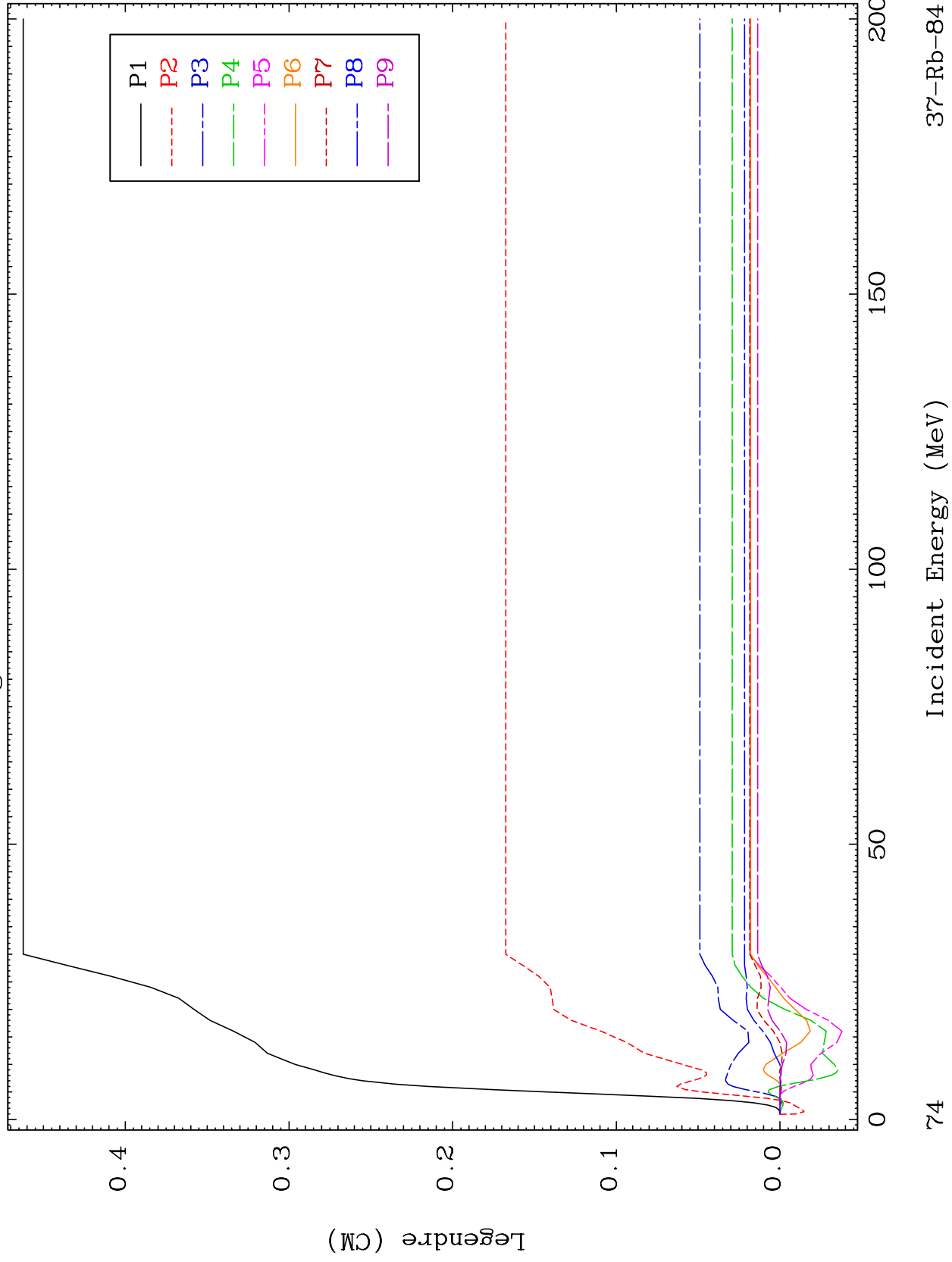
37-Rb-84



MAT 3722

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

37-Rb-84



74

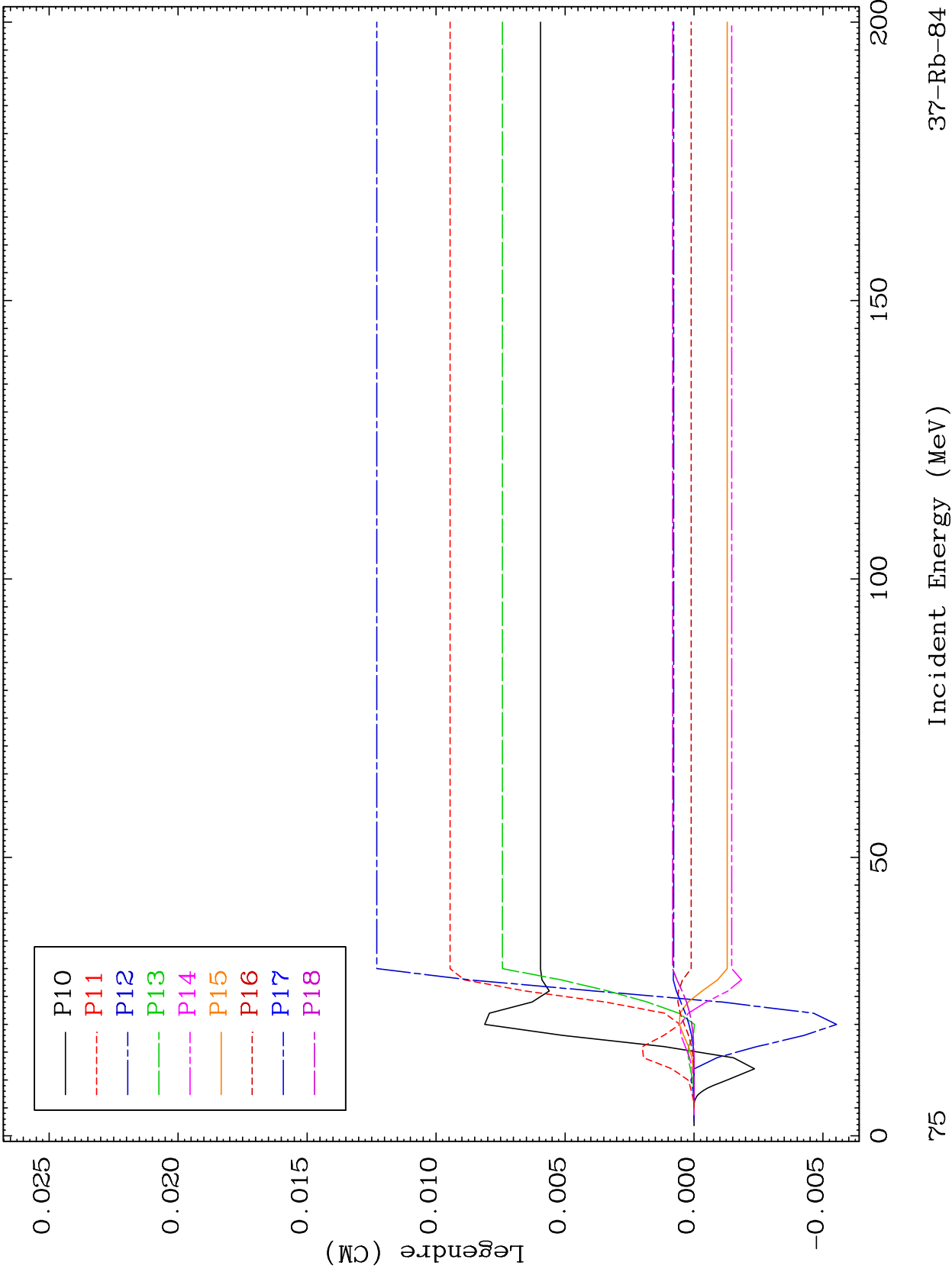
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



75

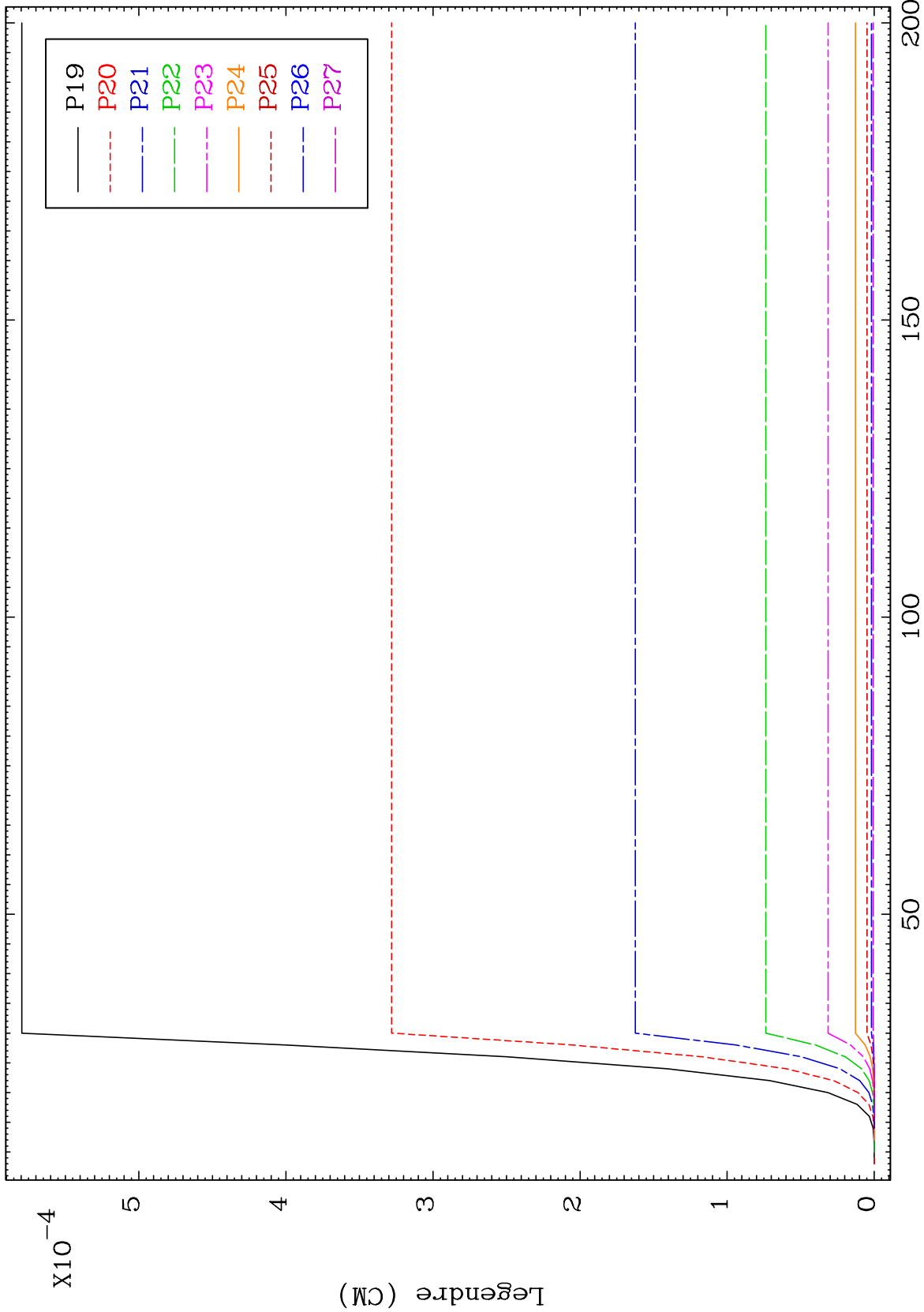
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

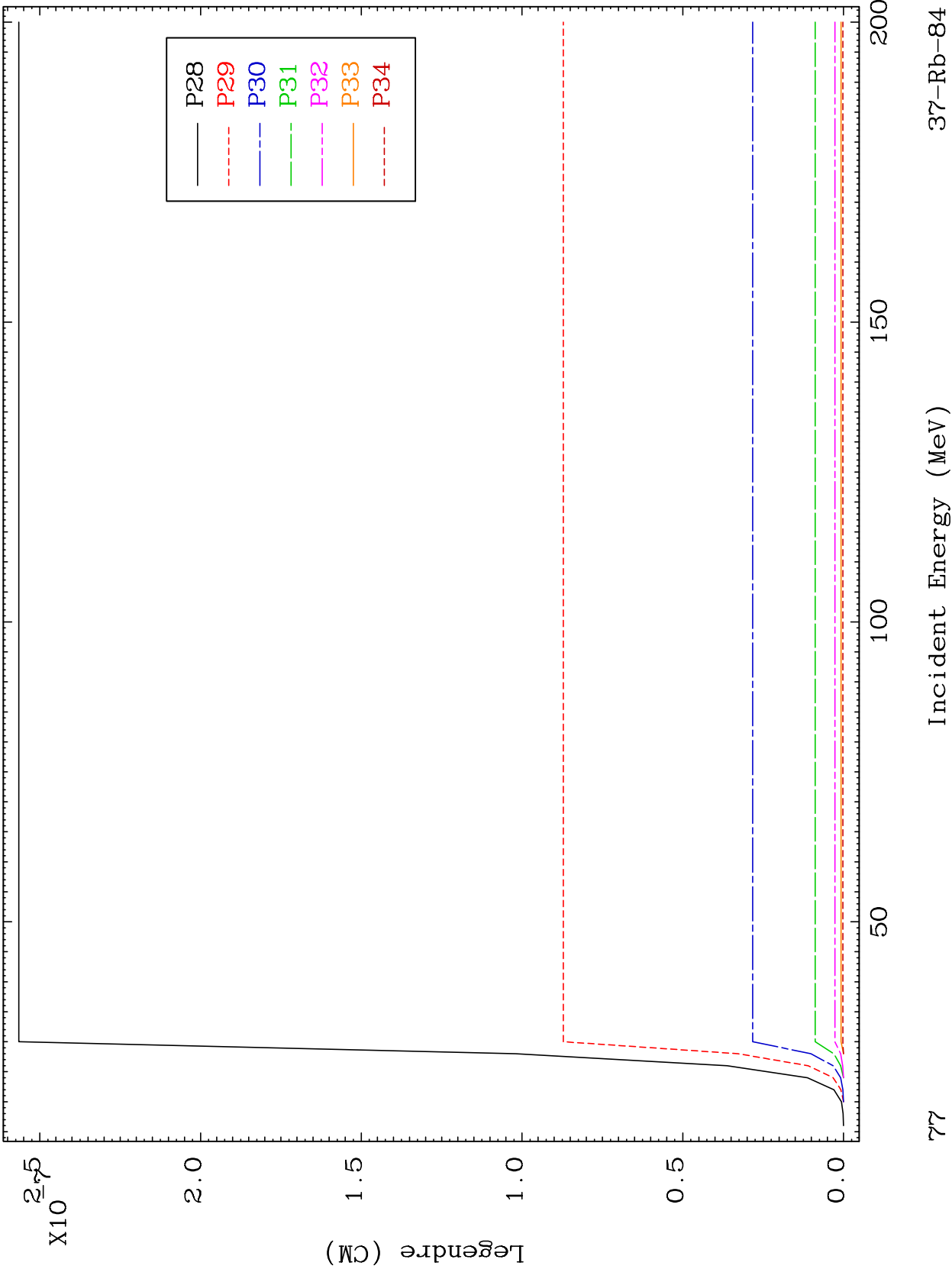
37-Rb-84



76

Incident Energy (MeV)

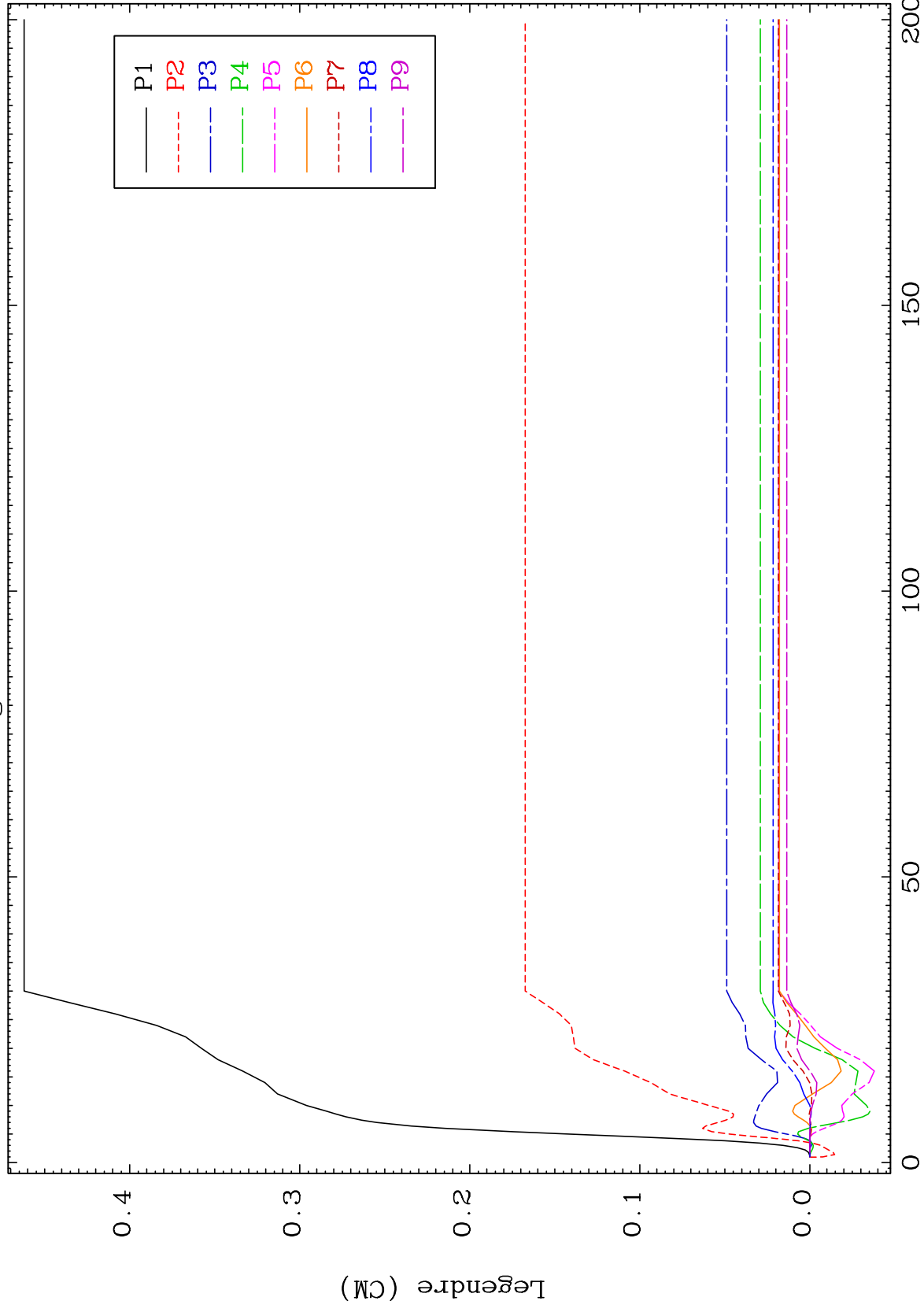
37-Rb-84



MAT 3722

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

37-Rb-84



78

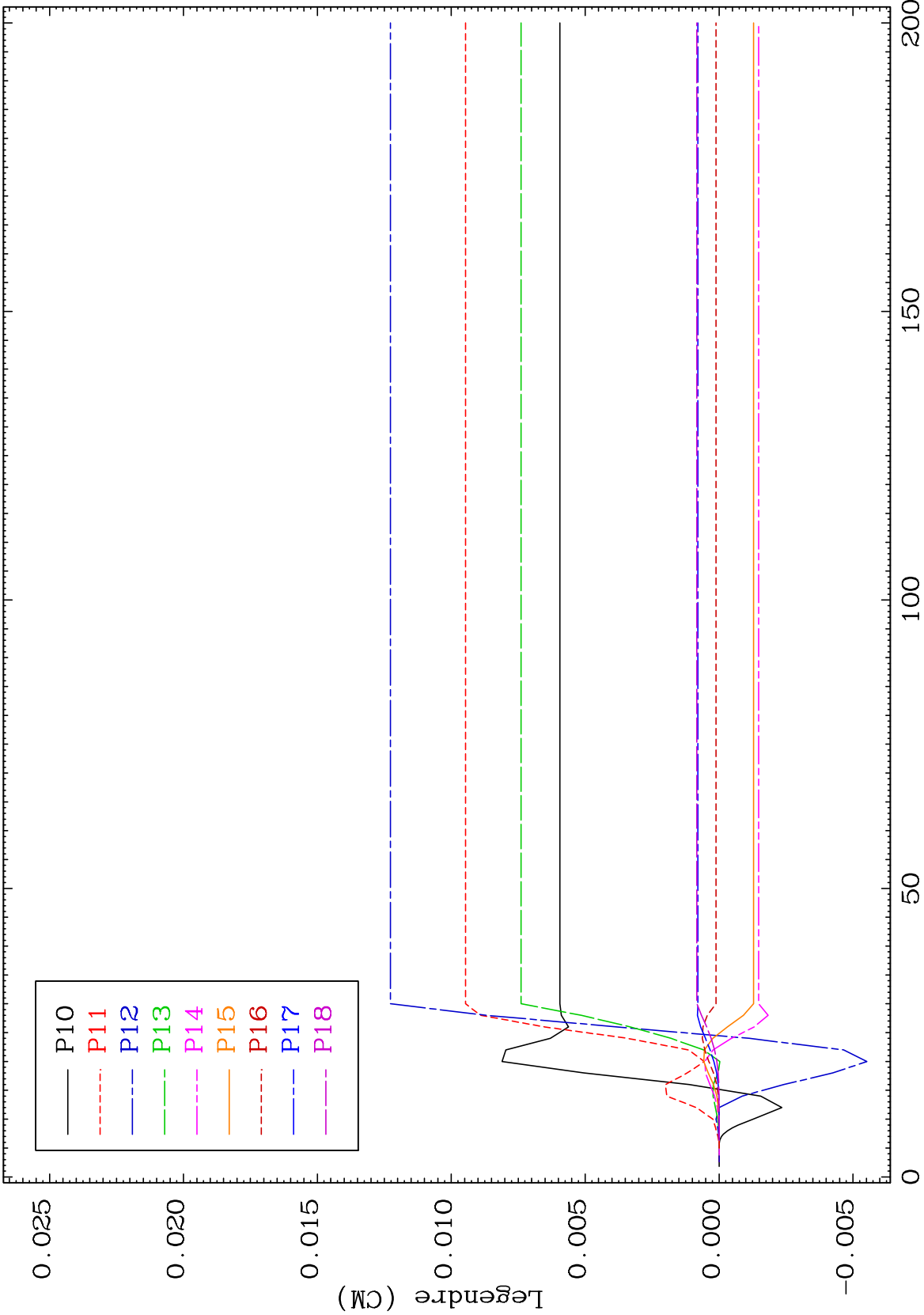
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



79

Incident Energy (MeV)

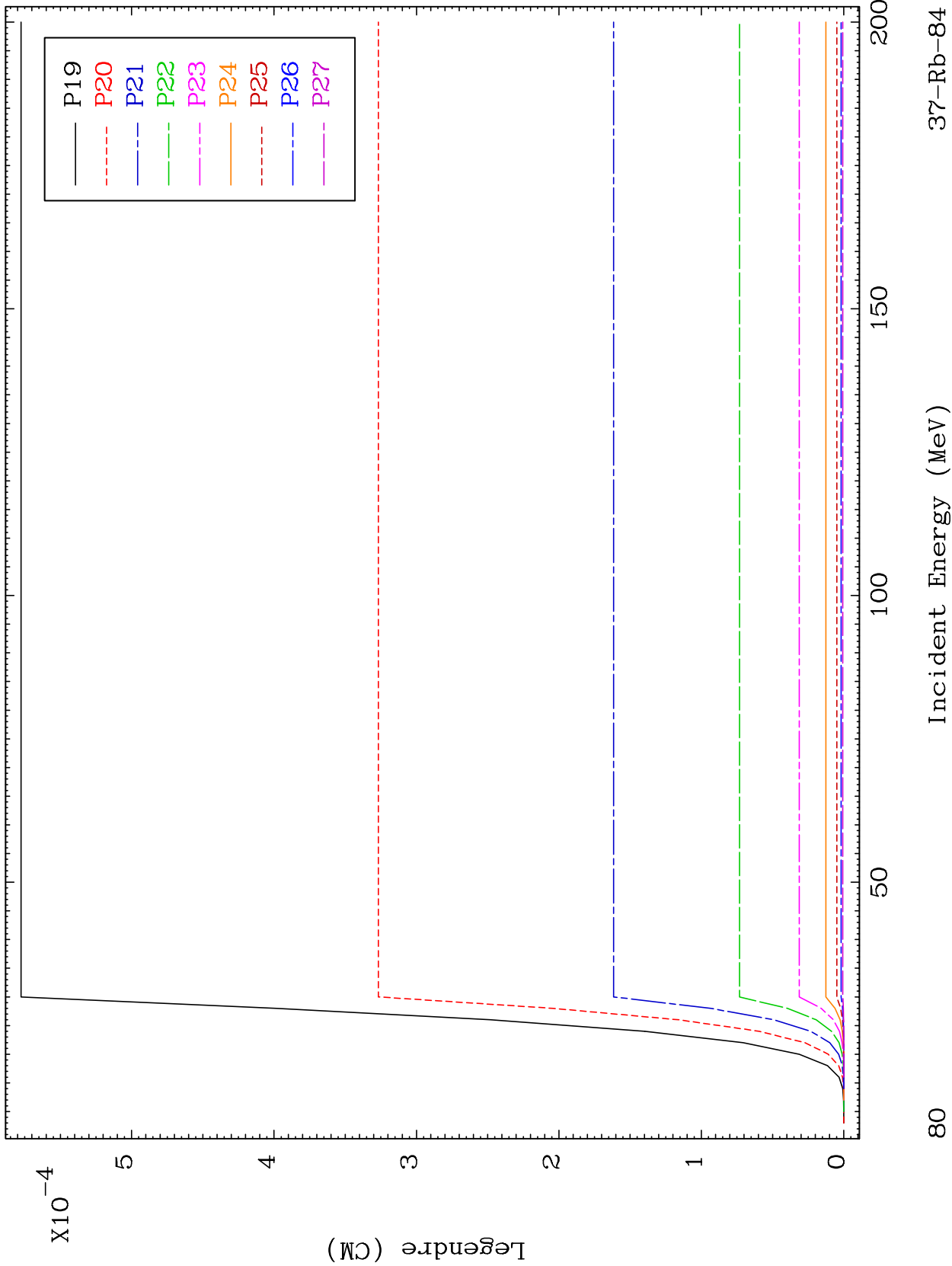
37-Rb-84



MAT 3722

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

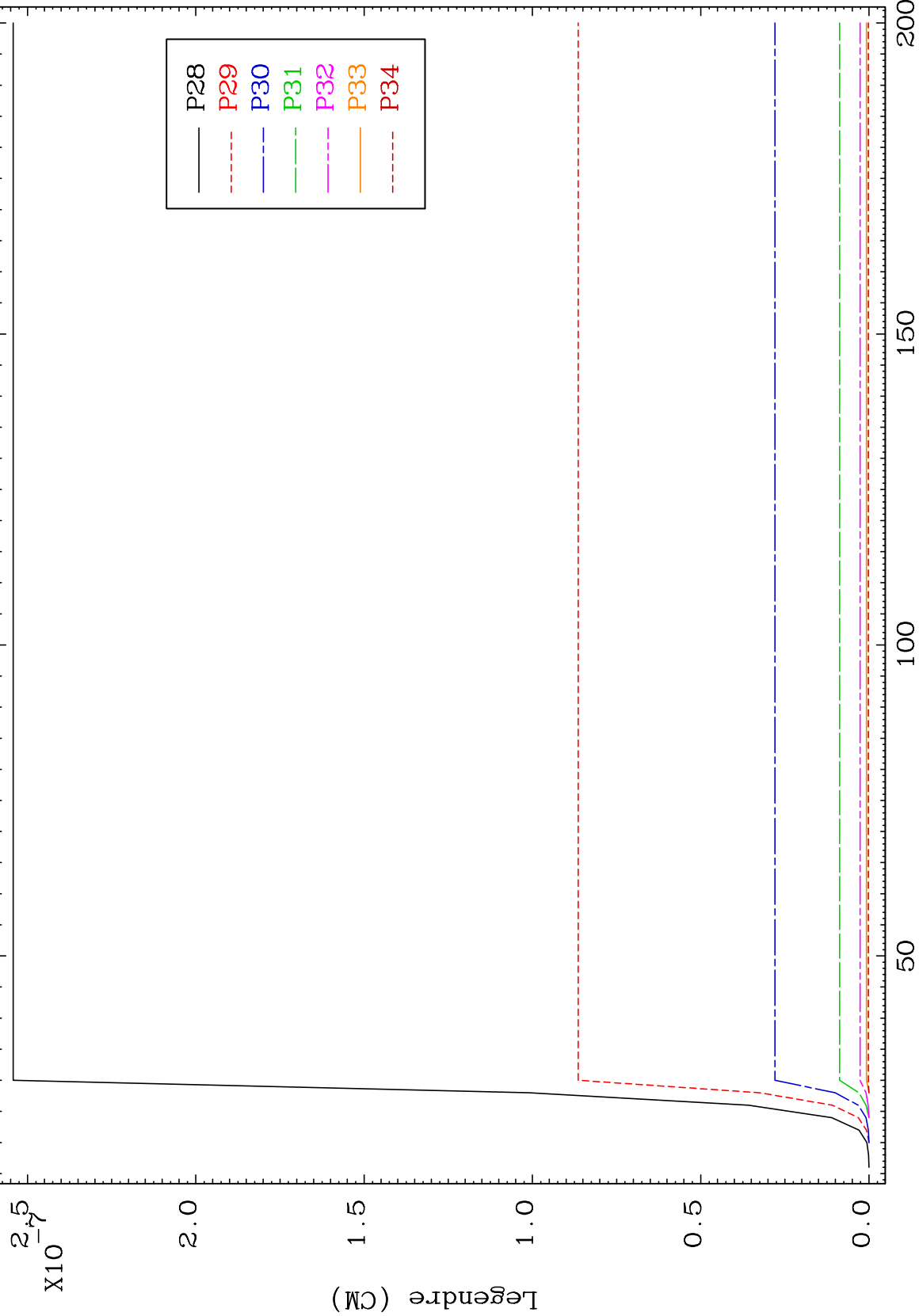
37-Rb-84



80

Incident Energy (MeV)

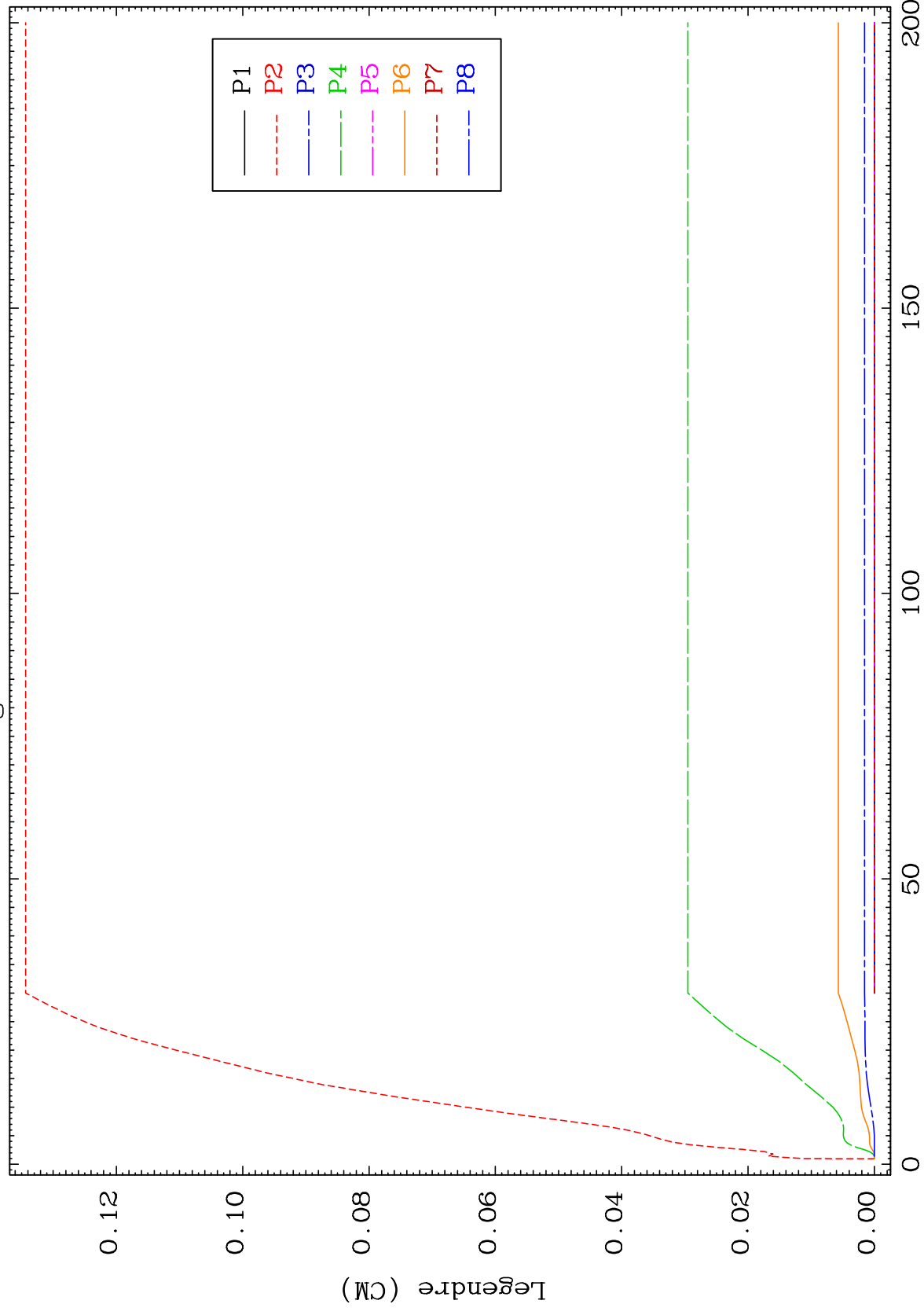
37-Rb-84



MAT 3722

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

37-Rb-84



82

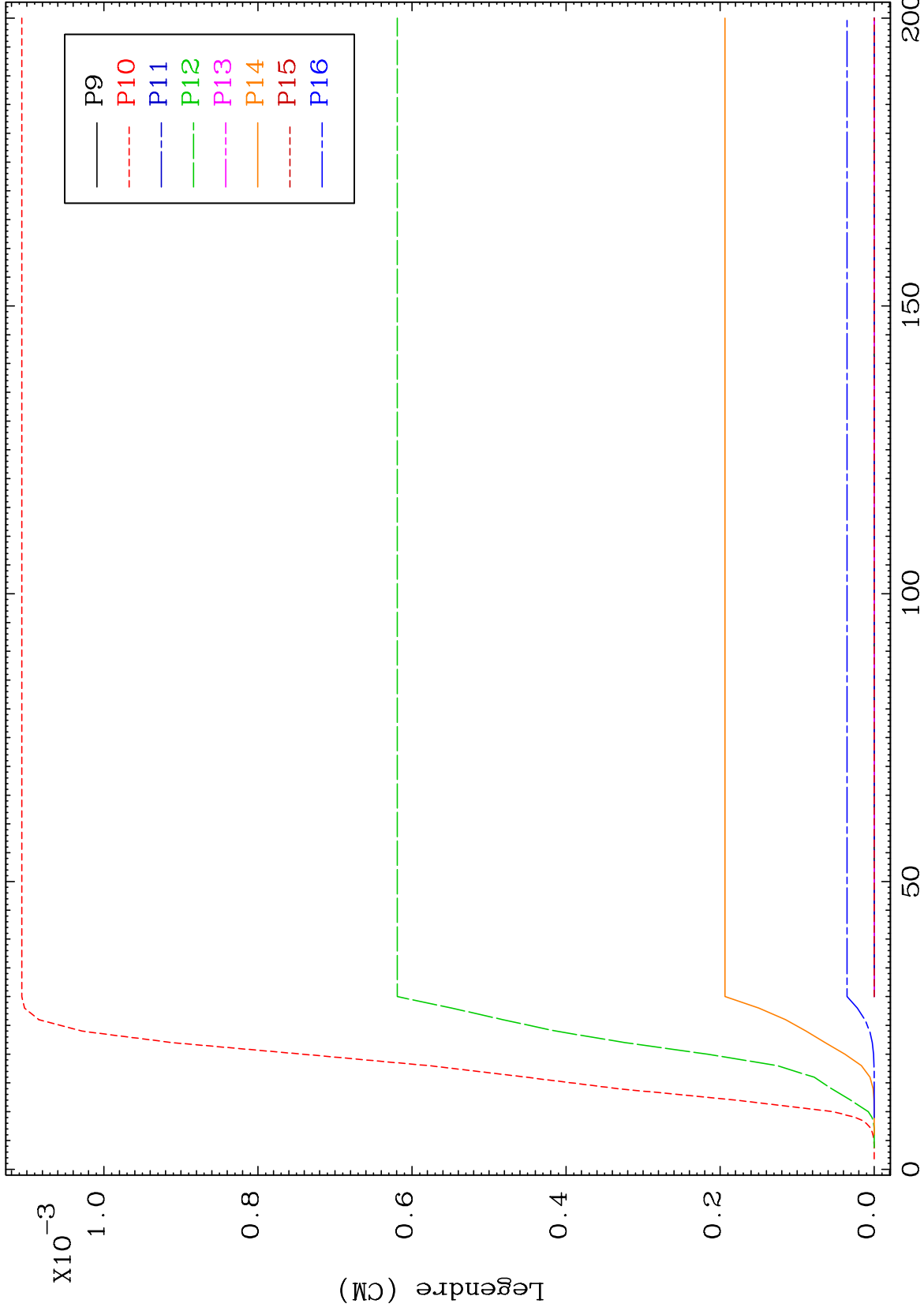
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

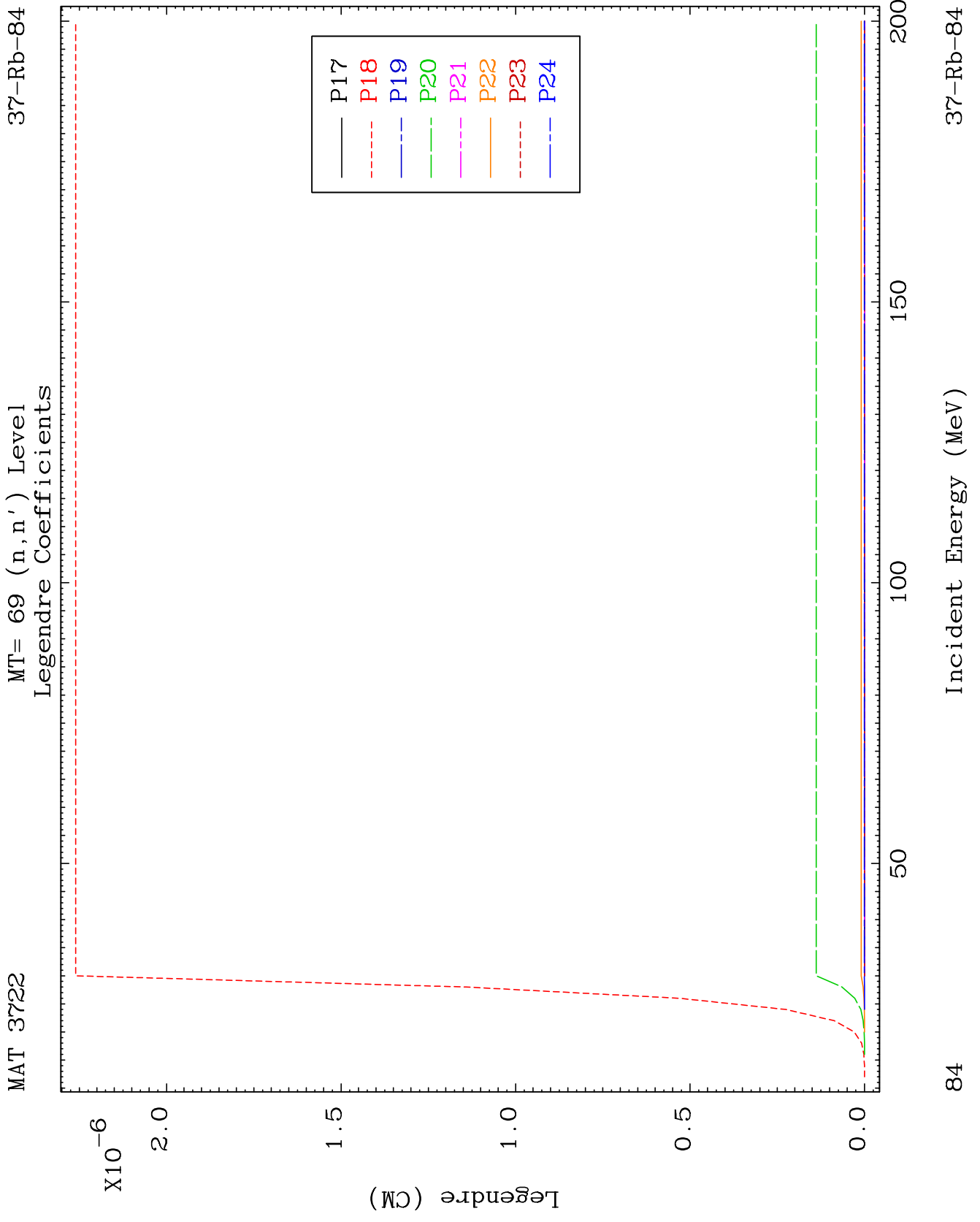
37-Rb-84



83

Incident Energy (MeV)

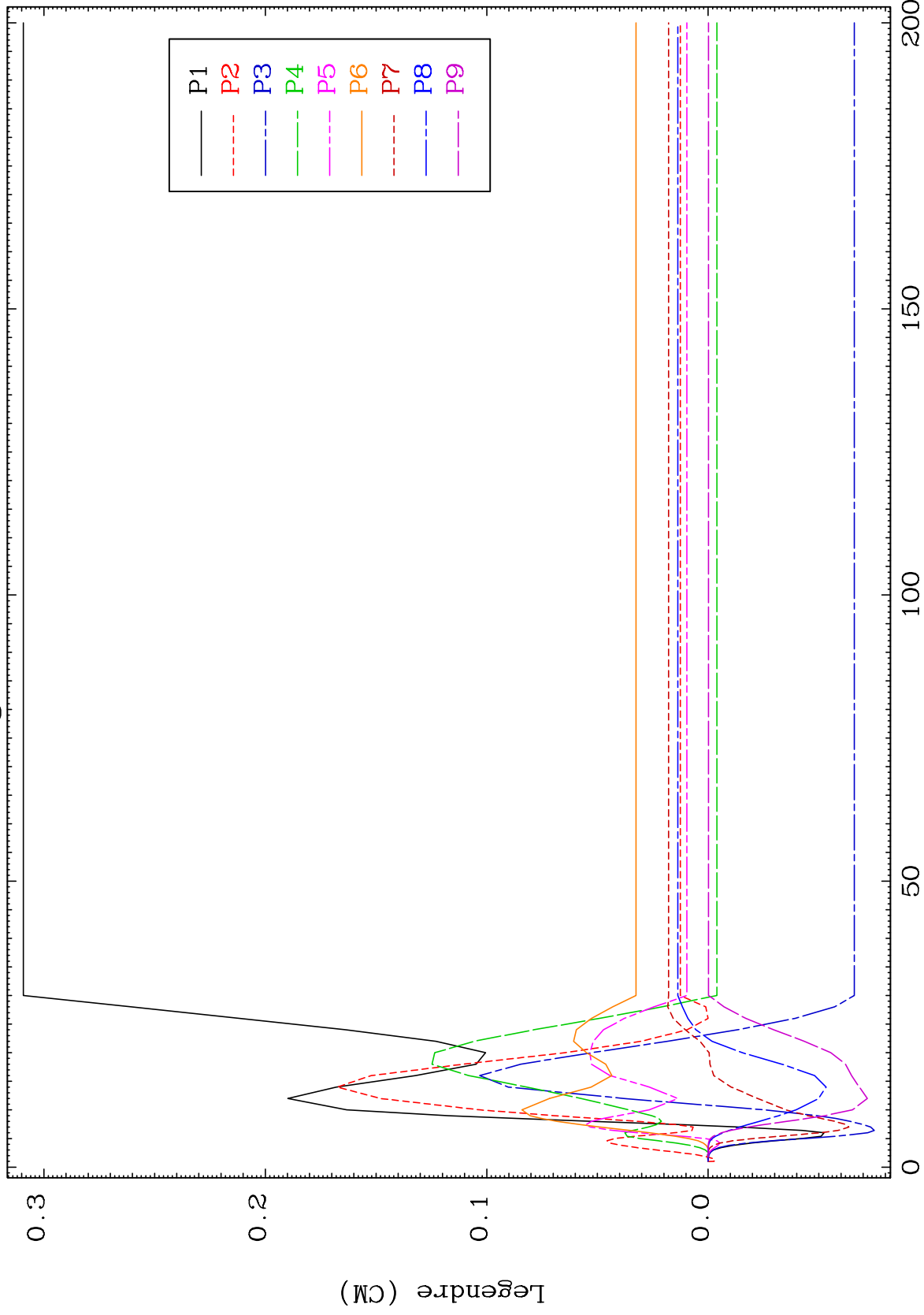
37-Rb-84



MAT 3722

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

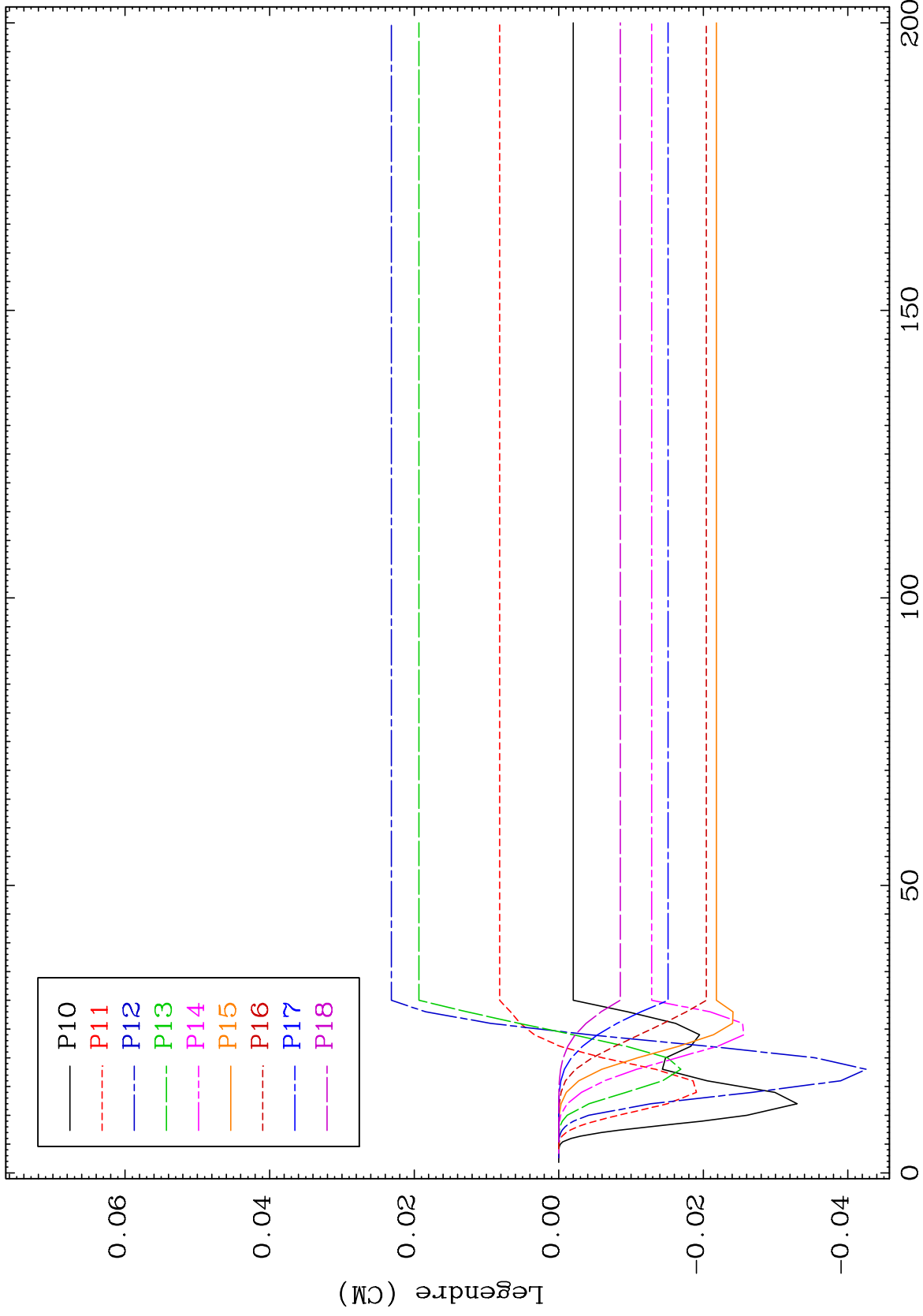
37-Rb-84

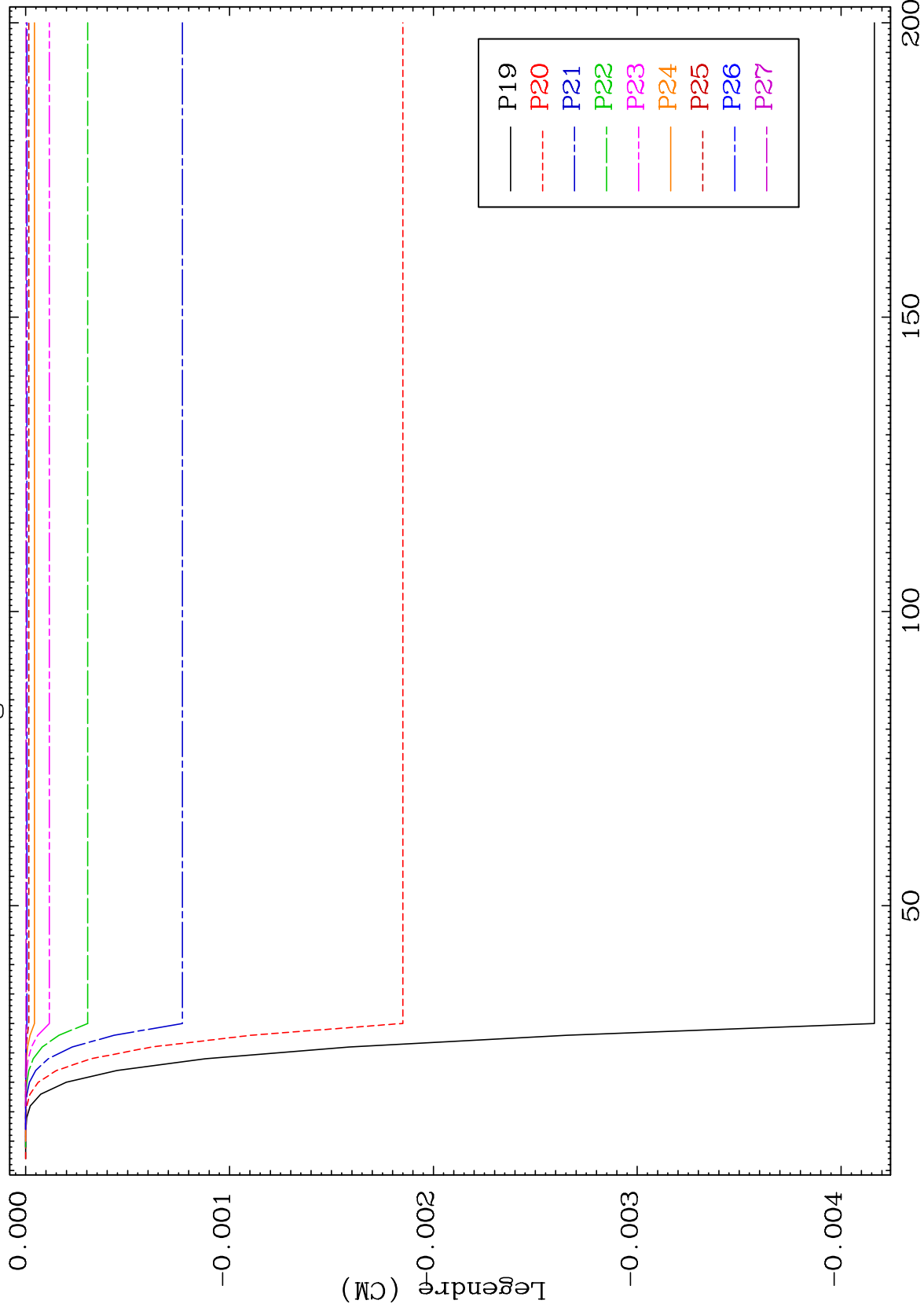


85

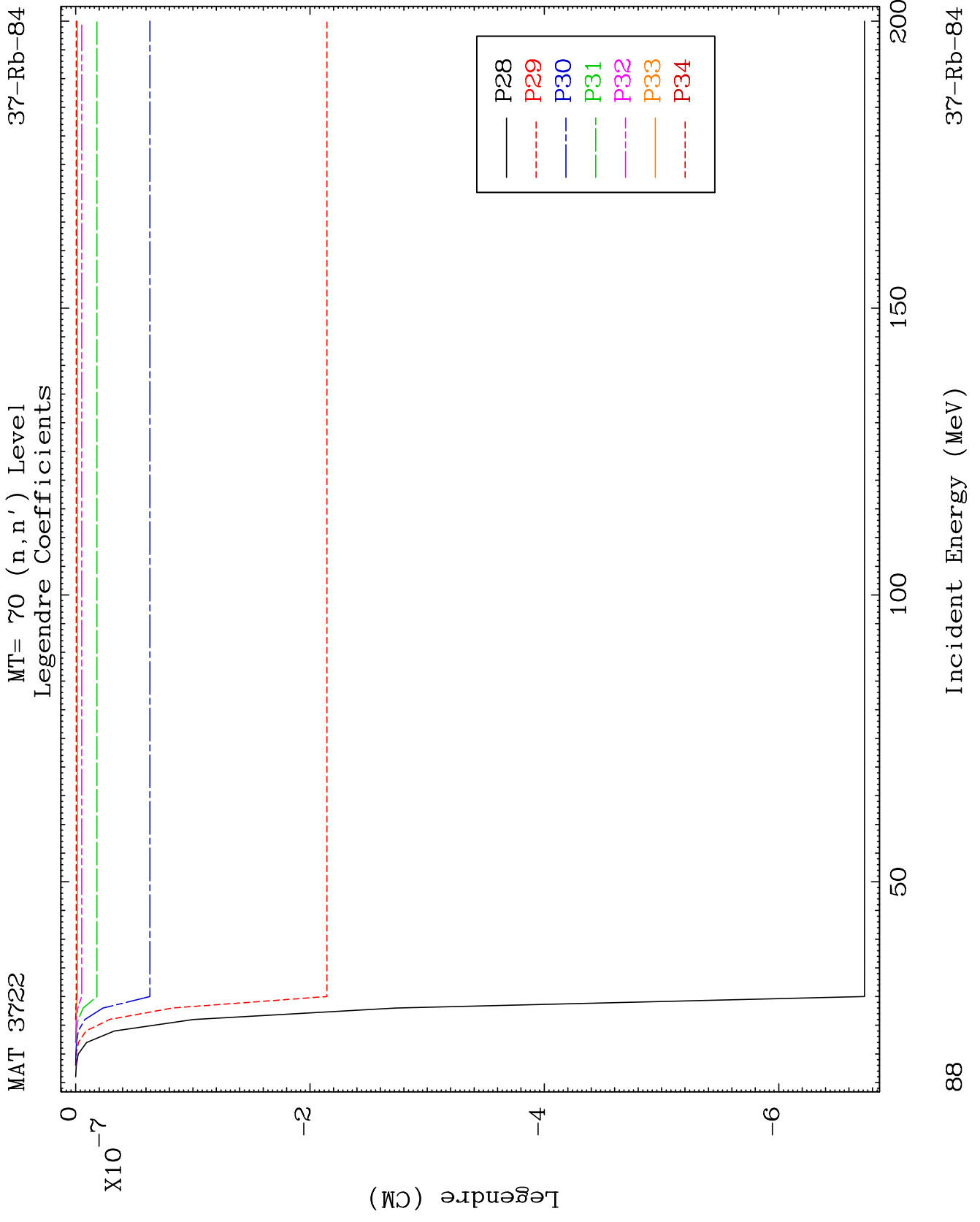
Incident Energy (MeV)

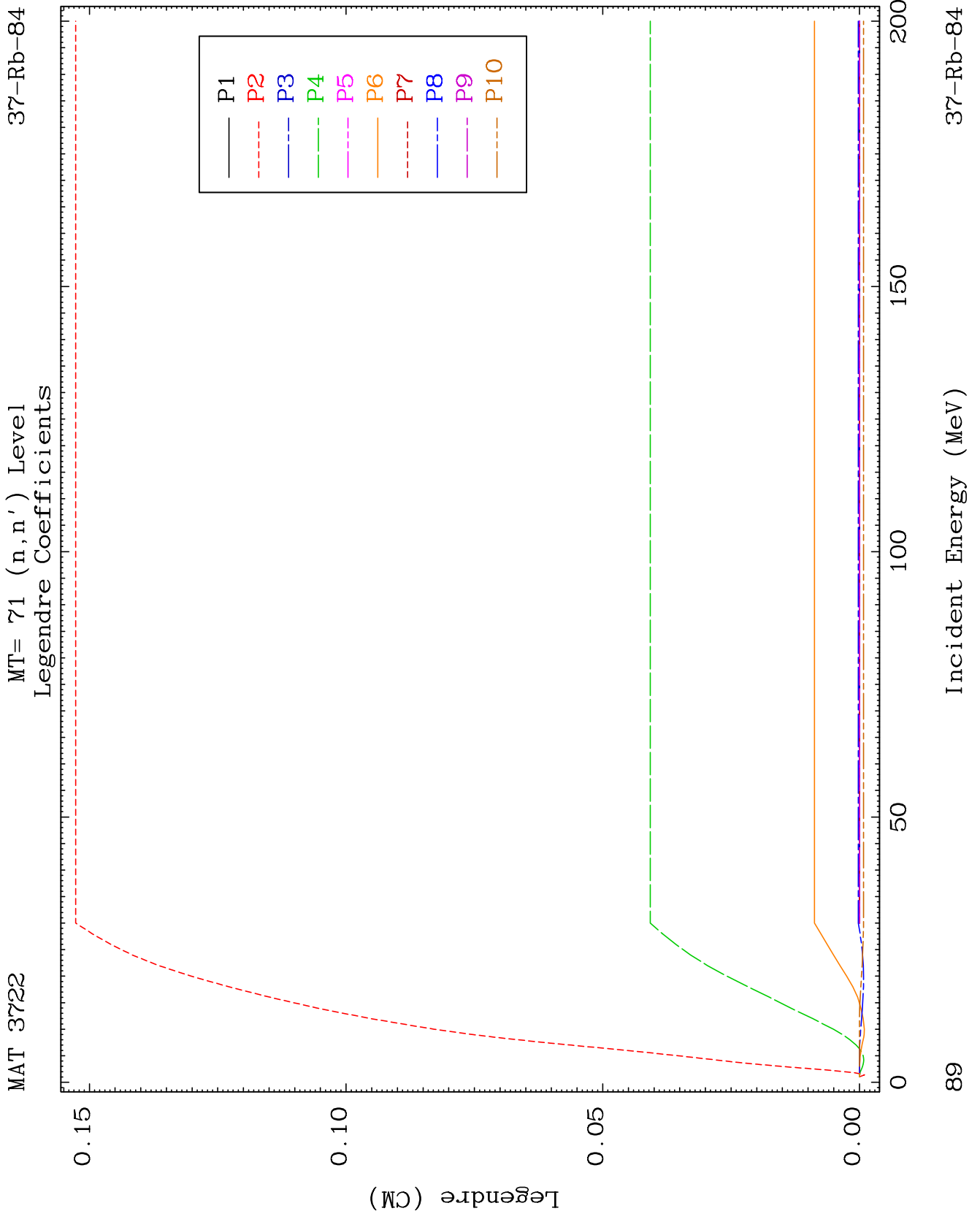
37-Rb-84







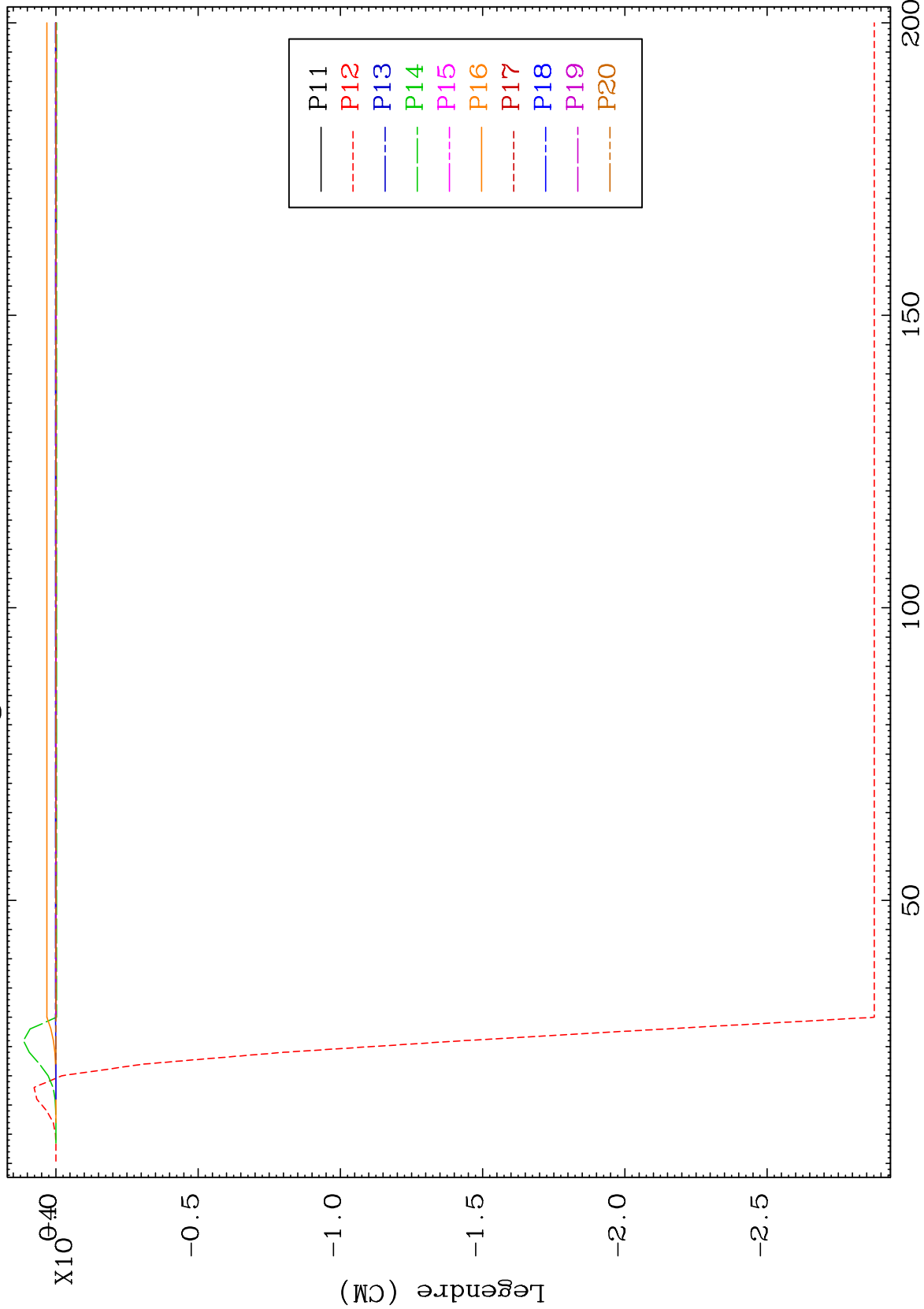




MAT 3722

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

37-Rb-84



90

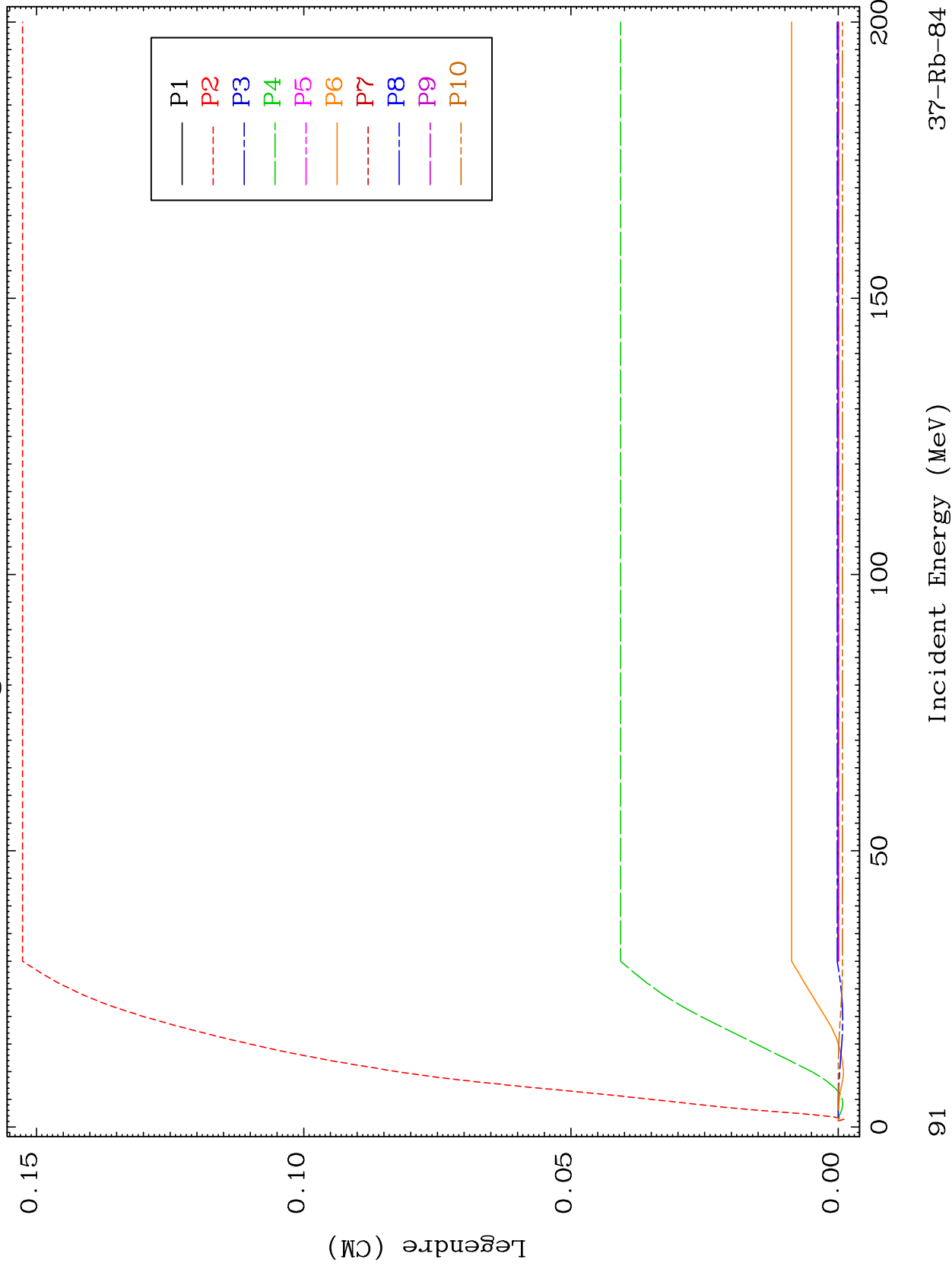
Incident Energy (MeV)

37-Rb-84

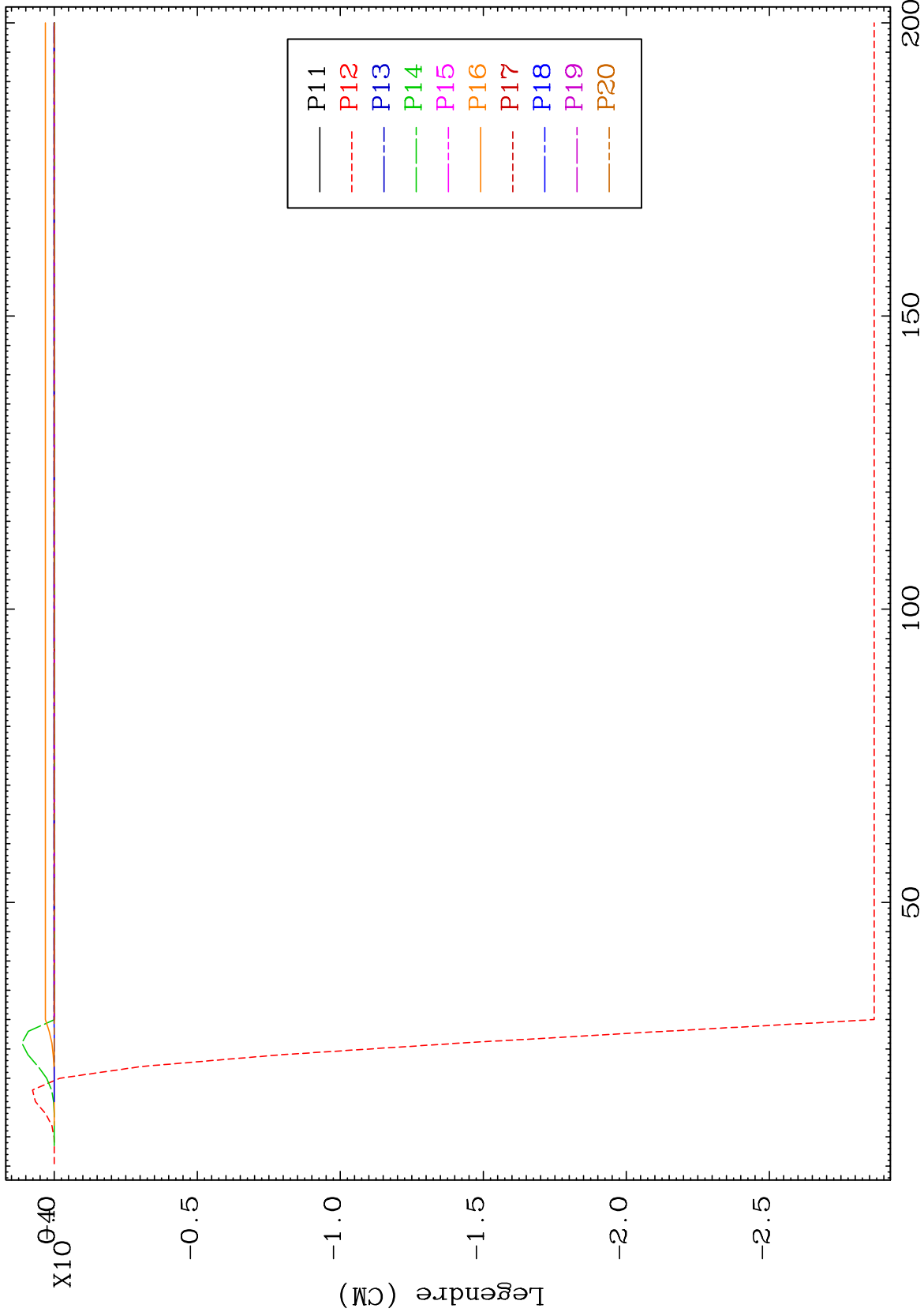
MAT 3722

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

37-Rb-84



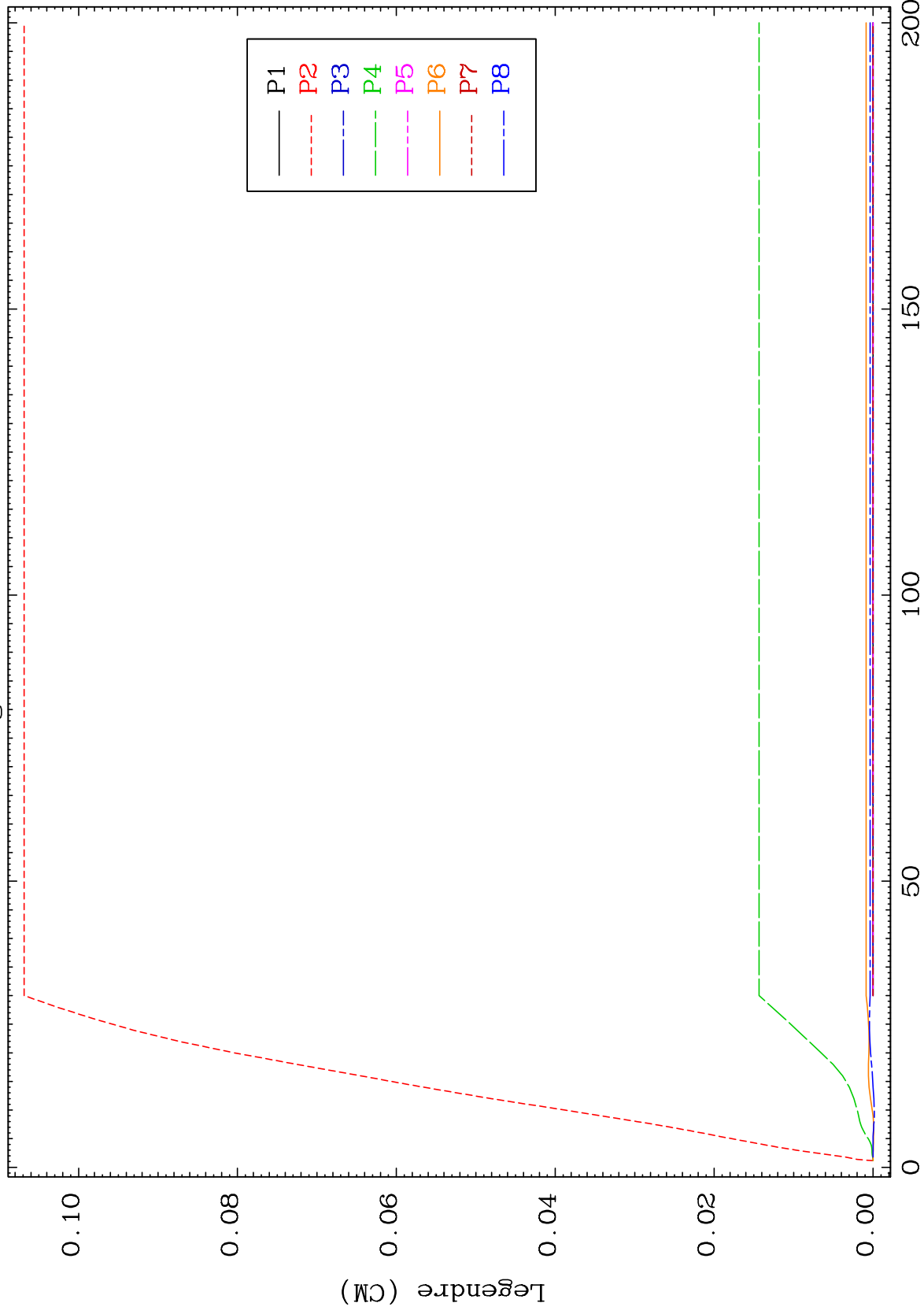
91



MAT 3722

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

37-Rb-84



37-Rb-84

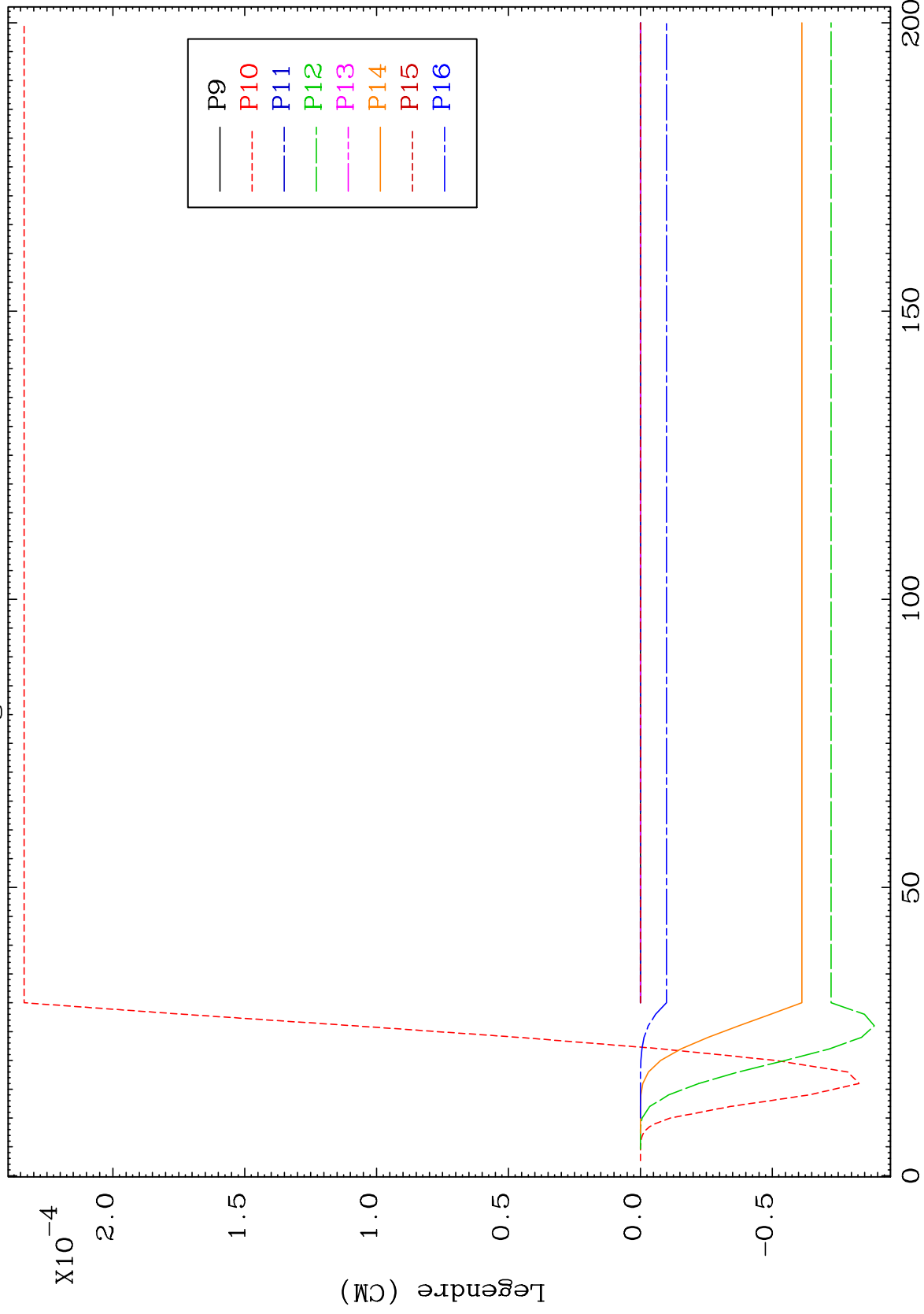
Incident Energy (MeV)

93

MAT 3722

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

37-Rb-84



94

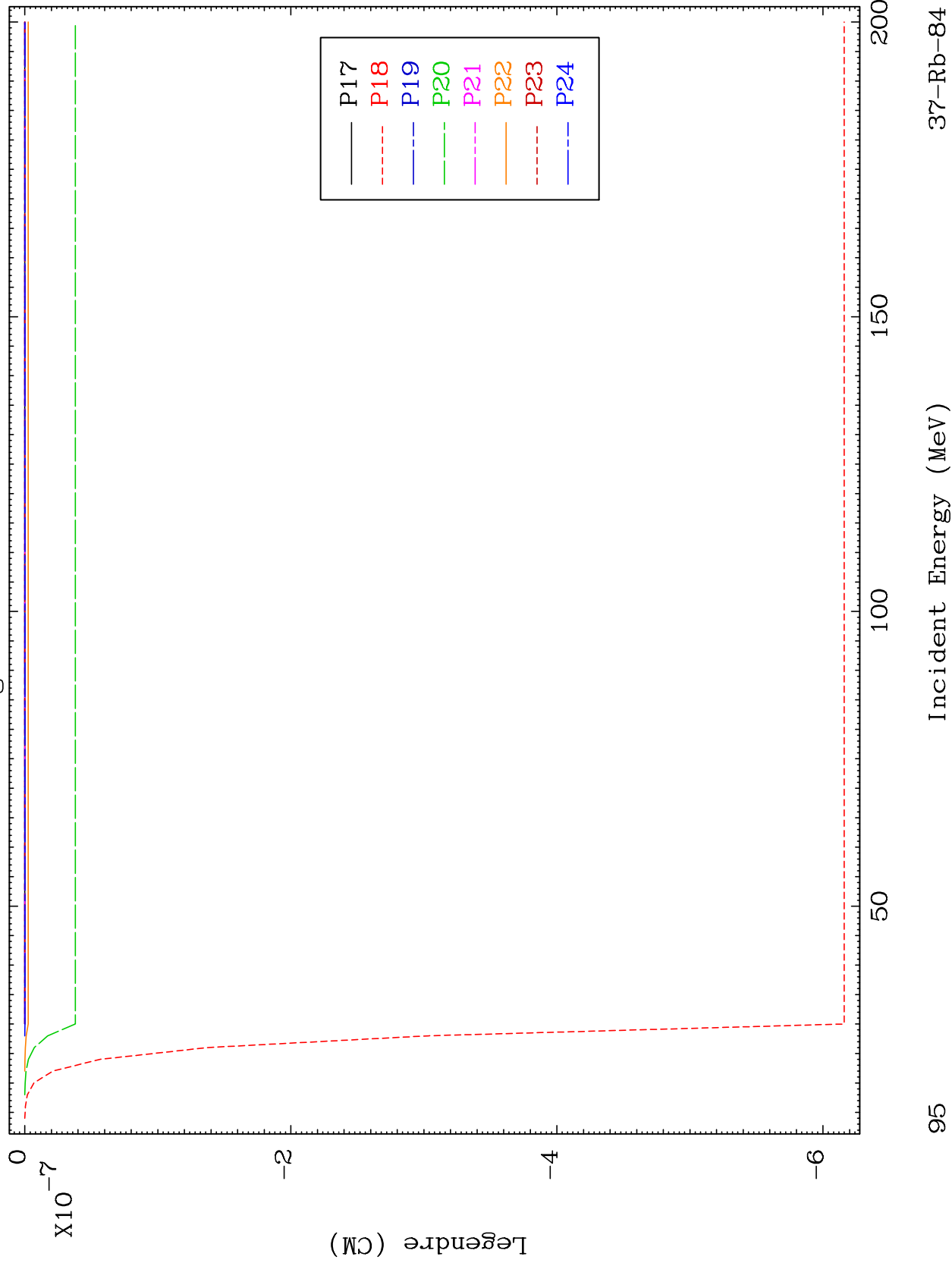
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



95

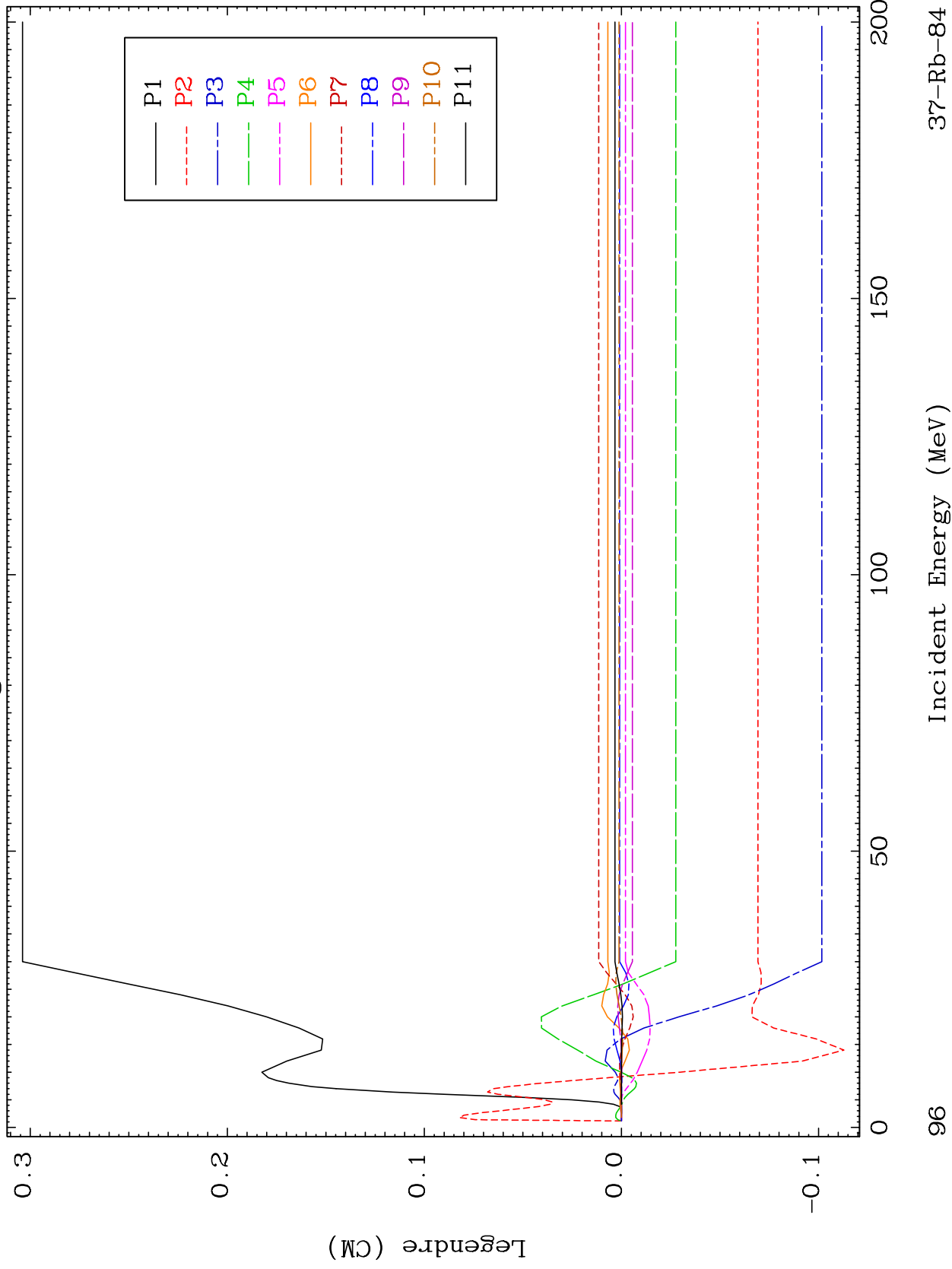
37-Rb-84



MAT 3722

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

37-Rb-84



37-Rb-84

Incident Energy (MeV)

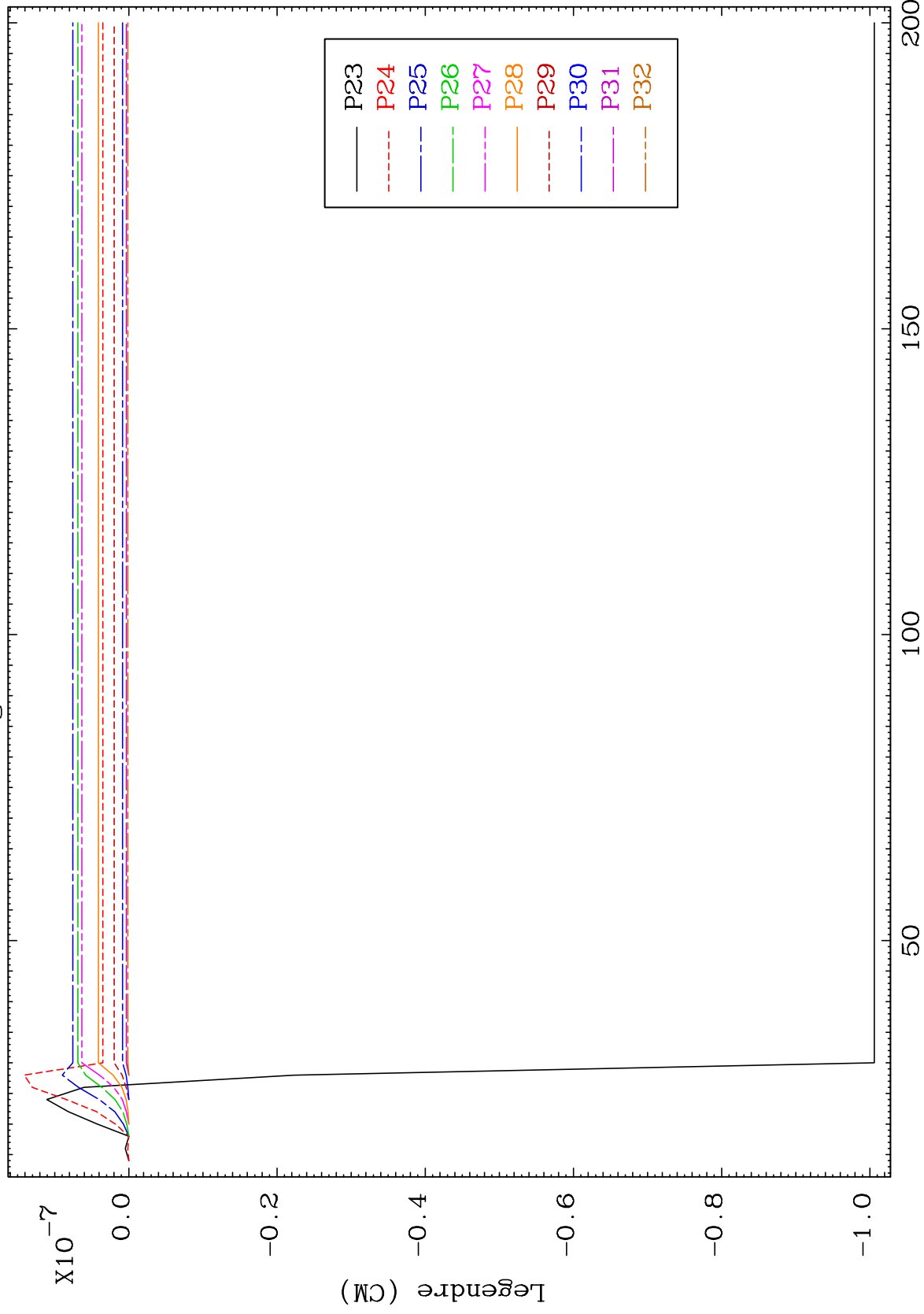
96



MAT 3722

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

37-Rb-84



98

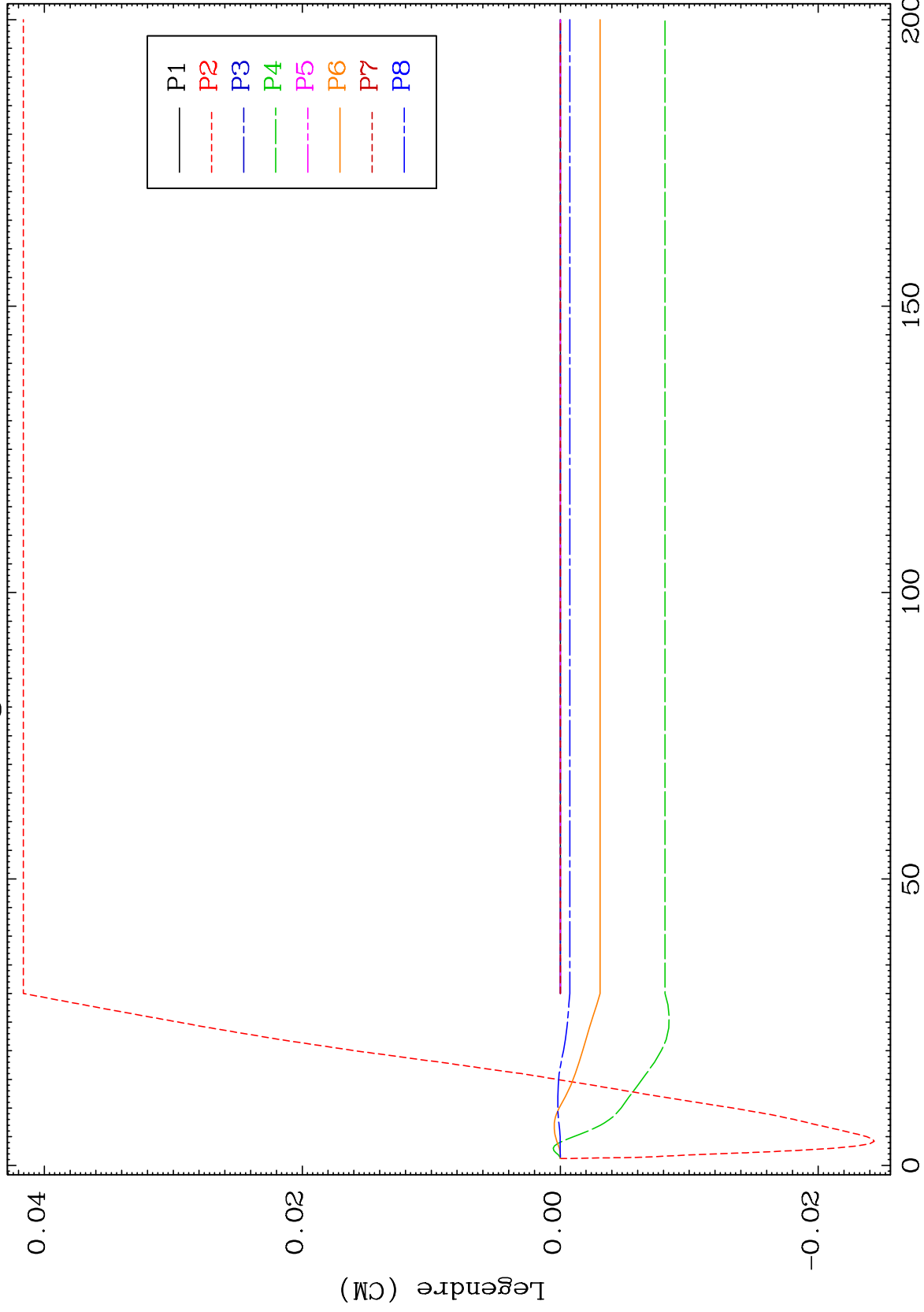
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

37-Rb-84



99

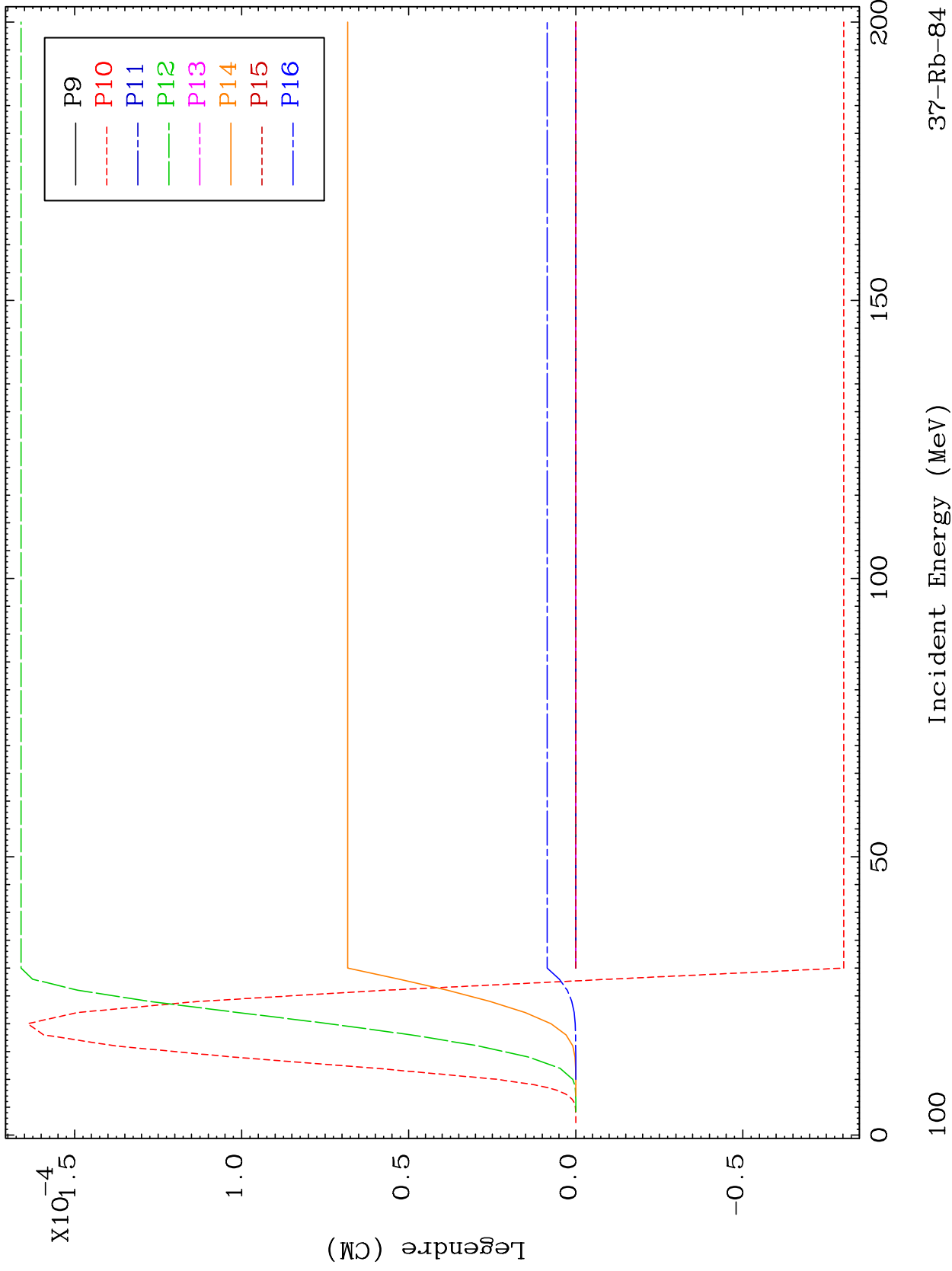
Incident Energy (MeV)

37-Rb-84

MAT 3722

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

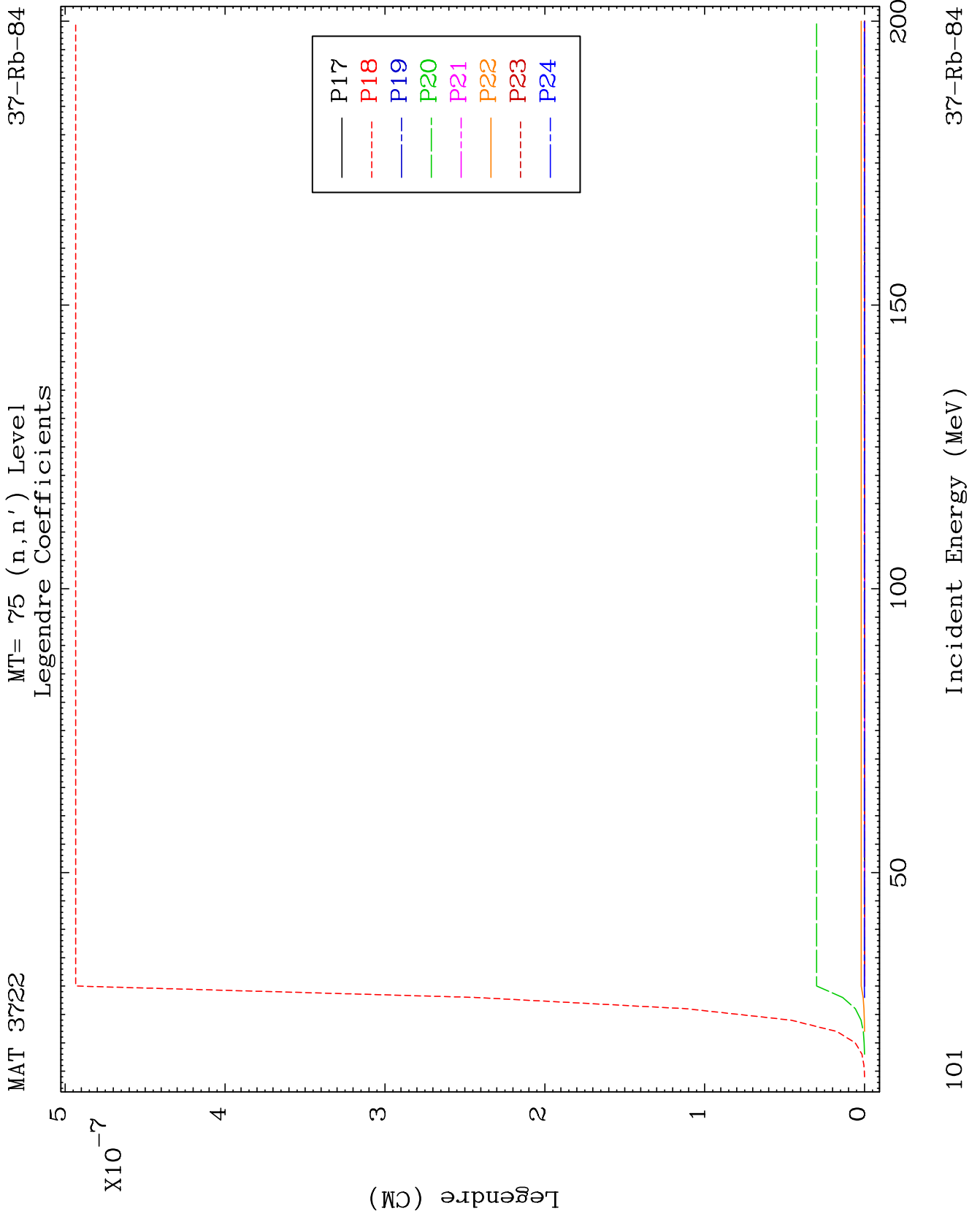
37-Rb-84



37-Rb-84

Incident Energy (MeV)

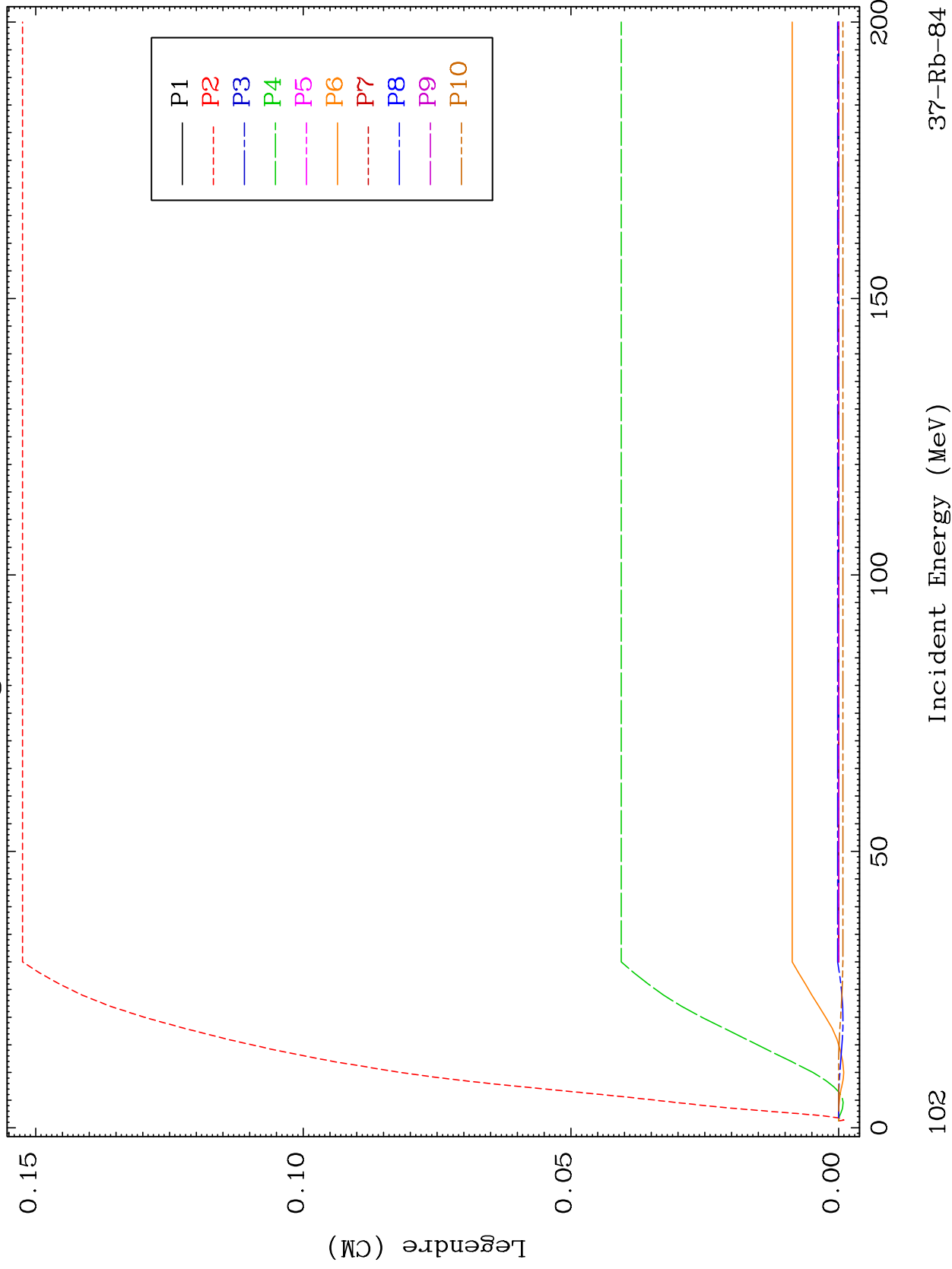
100



MAT 3722

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

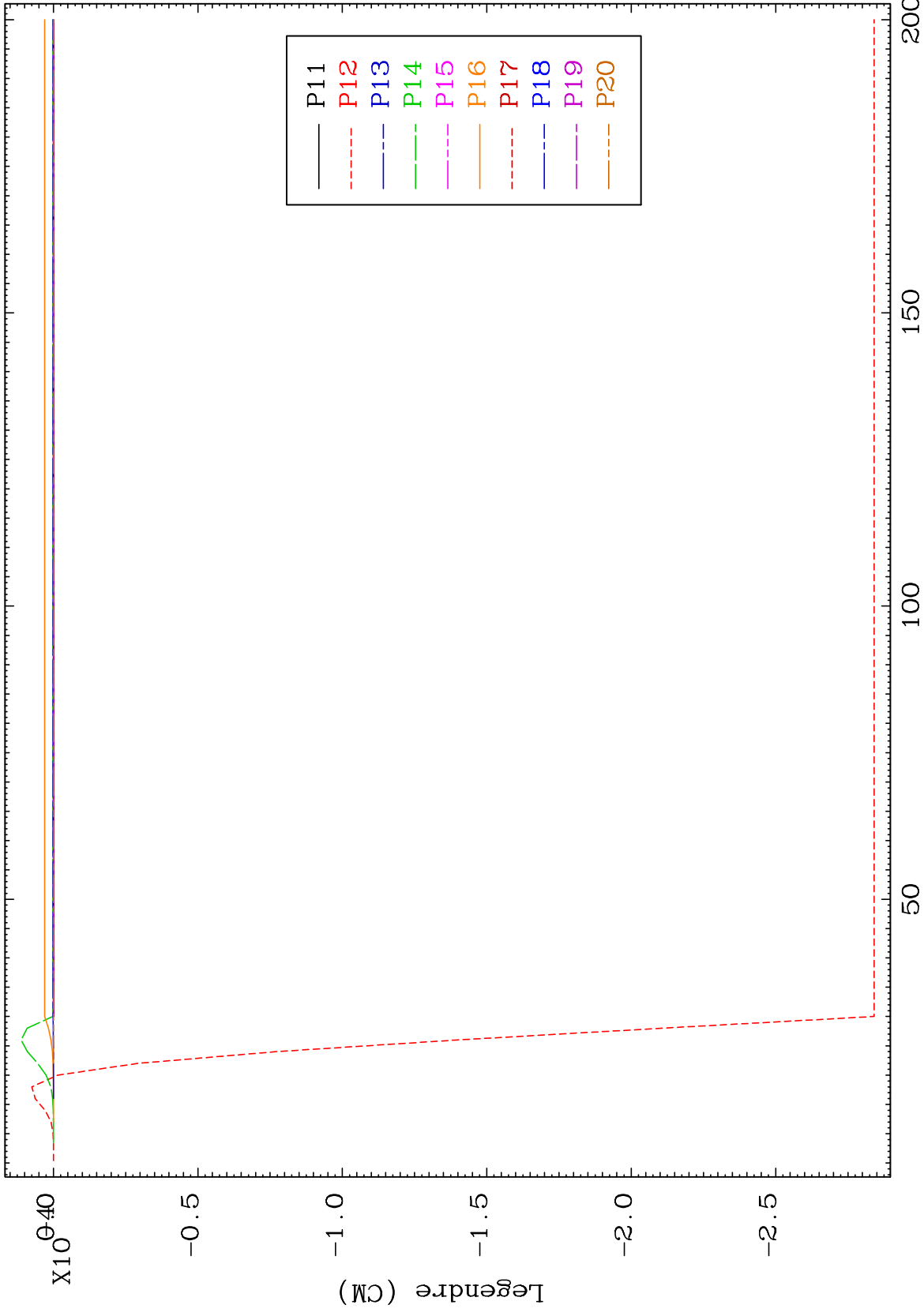
37-Rb-84



MAT 3722

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

37-Rb-84



103

Incident Energy (MeV)

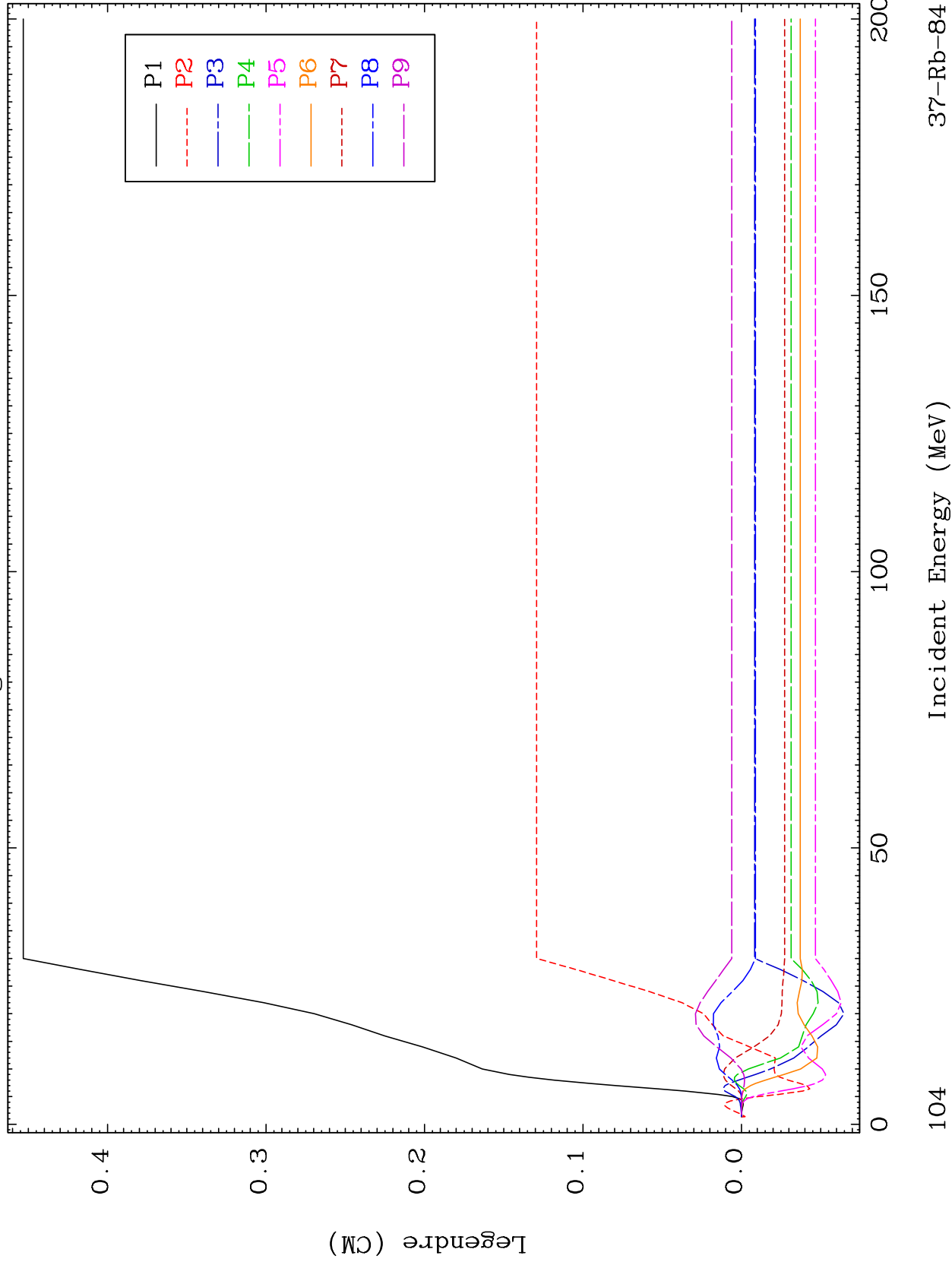
37-Rb-84



MAT 3722

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

37-Rb-84



37-Rb-84

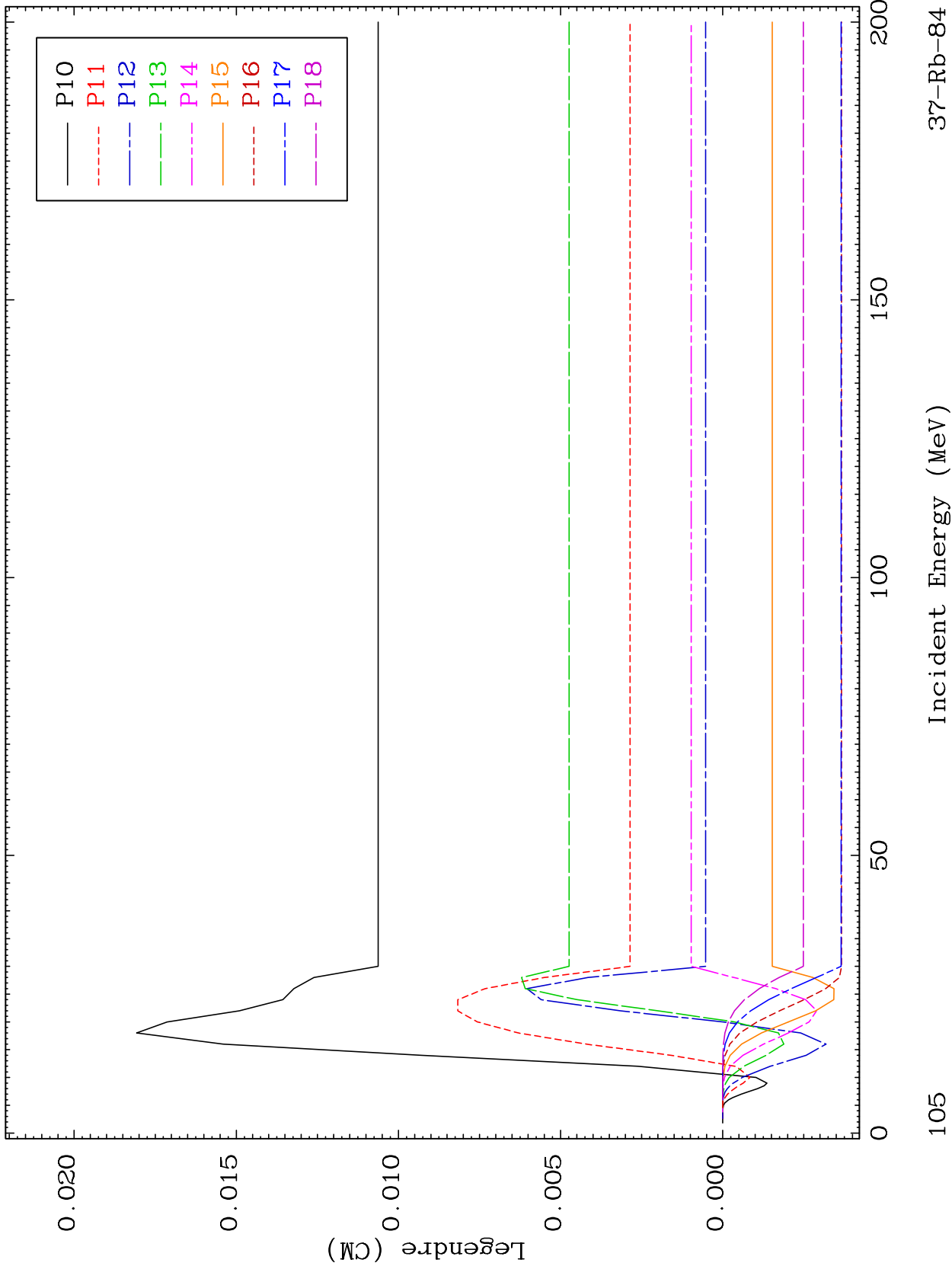
Incident Energy (MeV)

104

MAT 3722

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

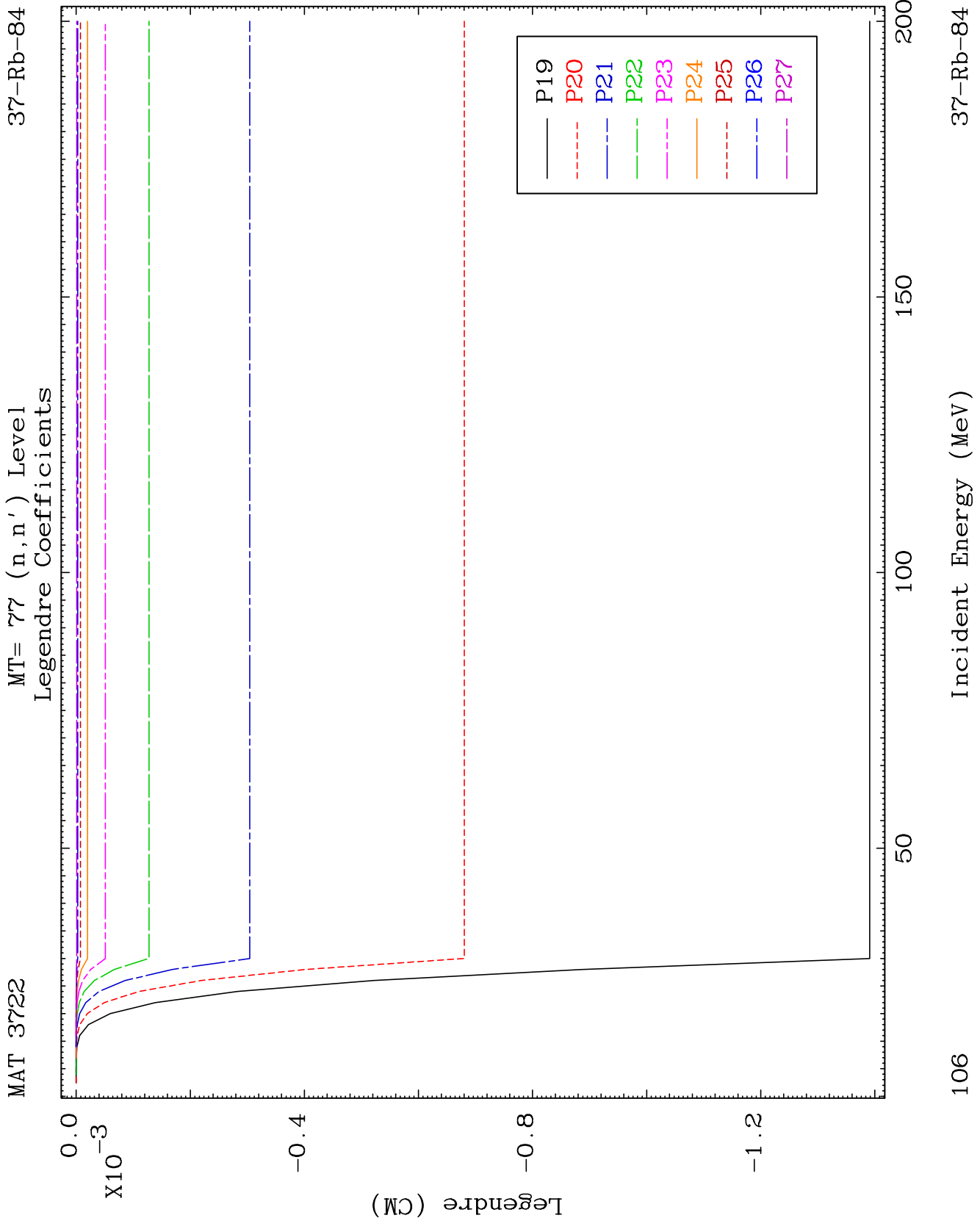
37-Rb-84

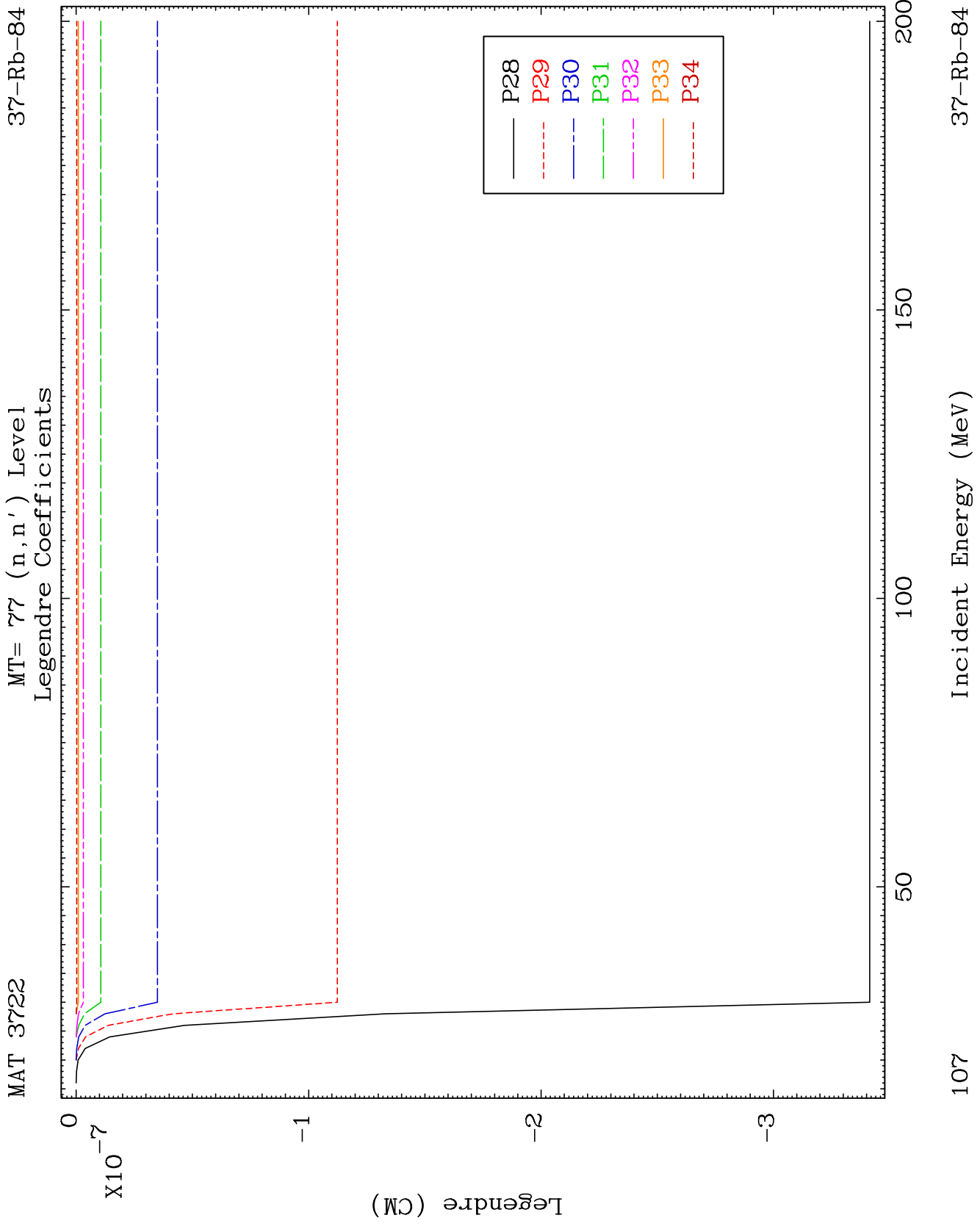


37-Rb-84

Incident Energy (MeV)

105

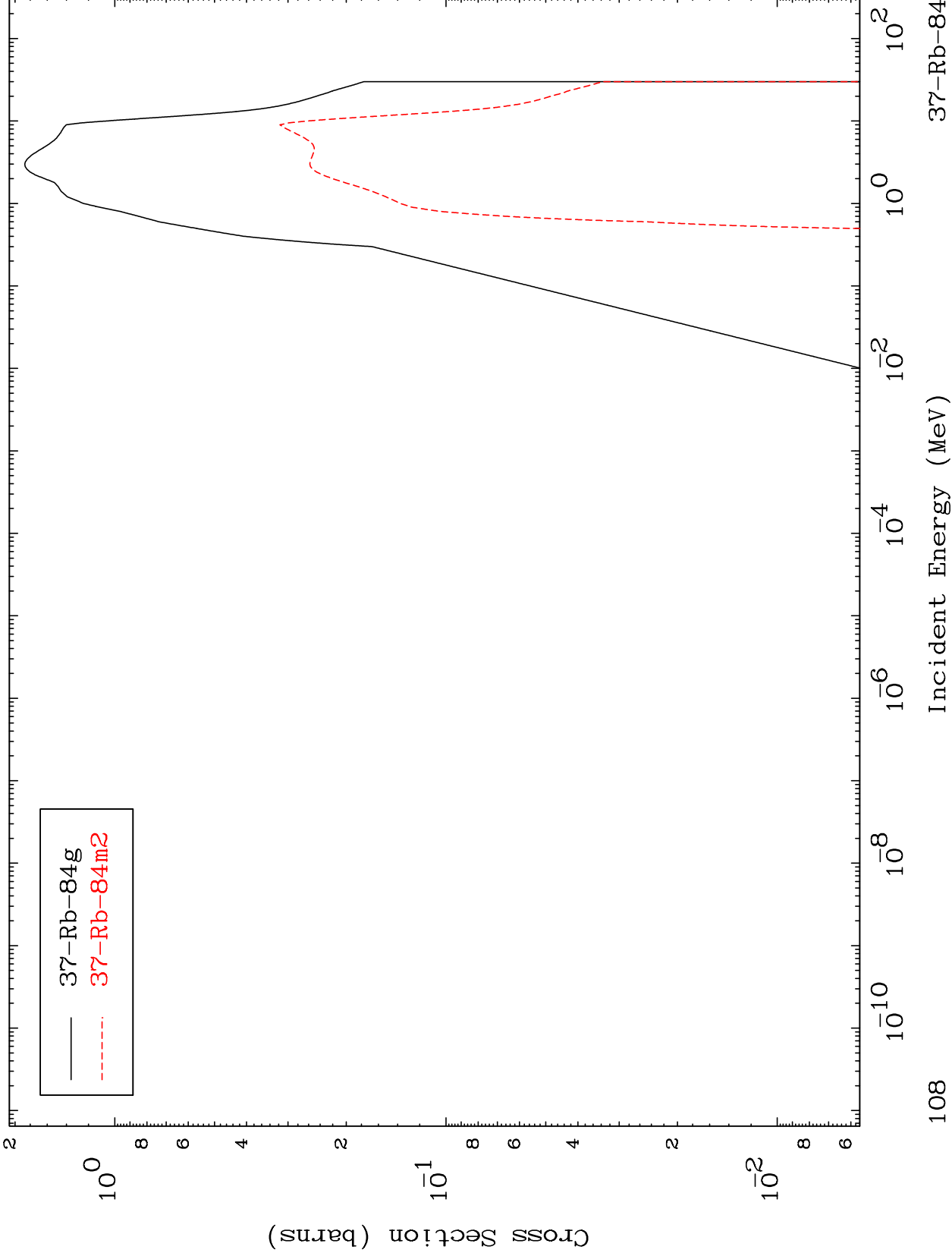




MAT 3722

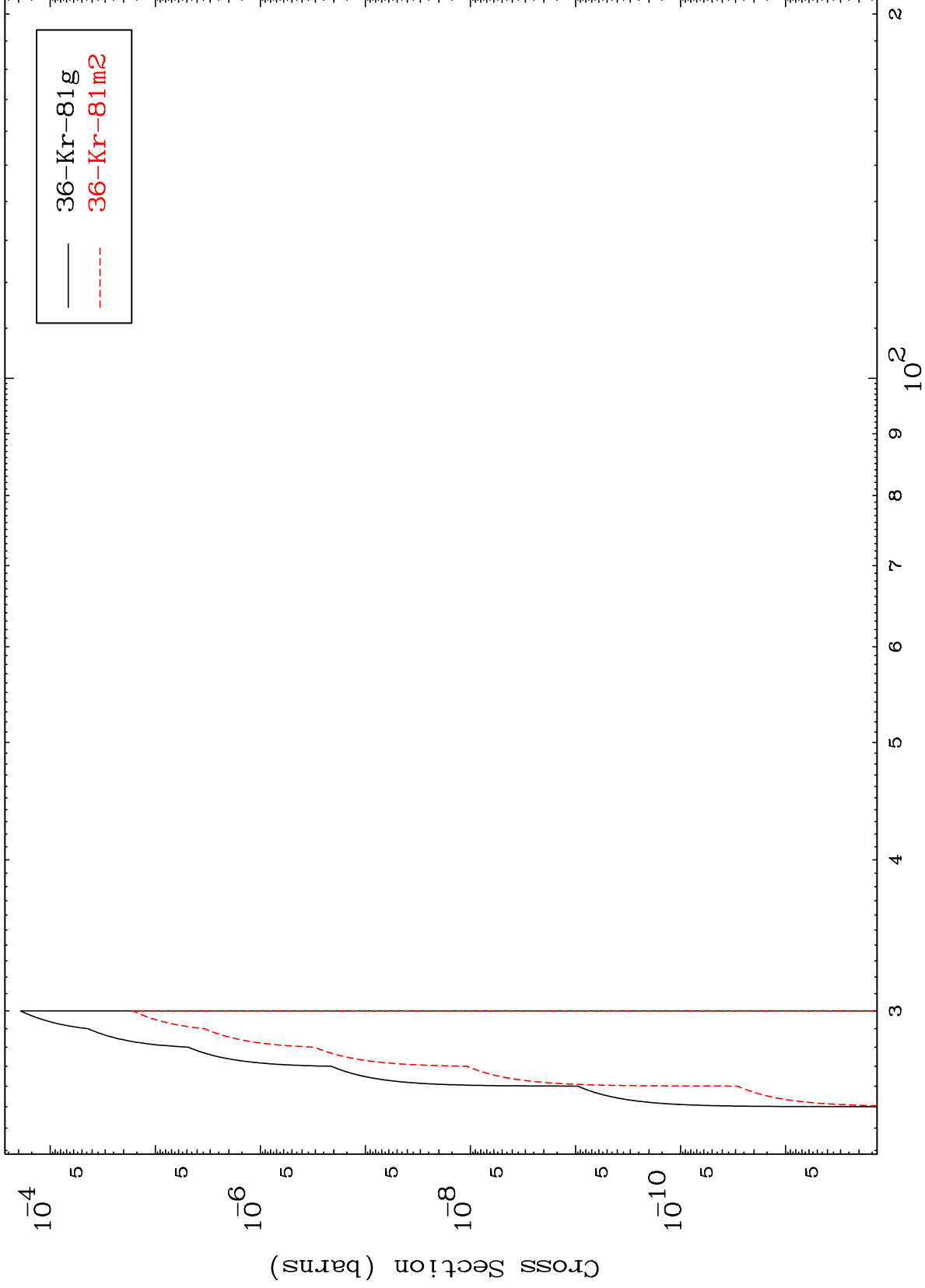
Inelastic  
Radionuclide Production Cross Section

<sup>37</sup>Rb-84



— 37-Rb-84g  
- - - 37-Rb-84m2

Radionuclide Production Cross Section

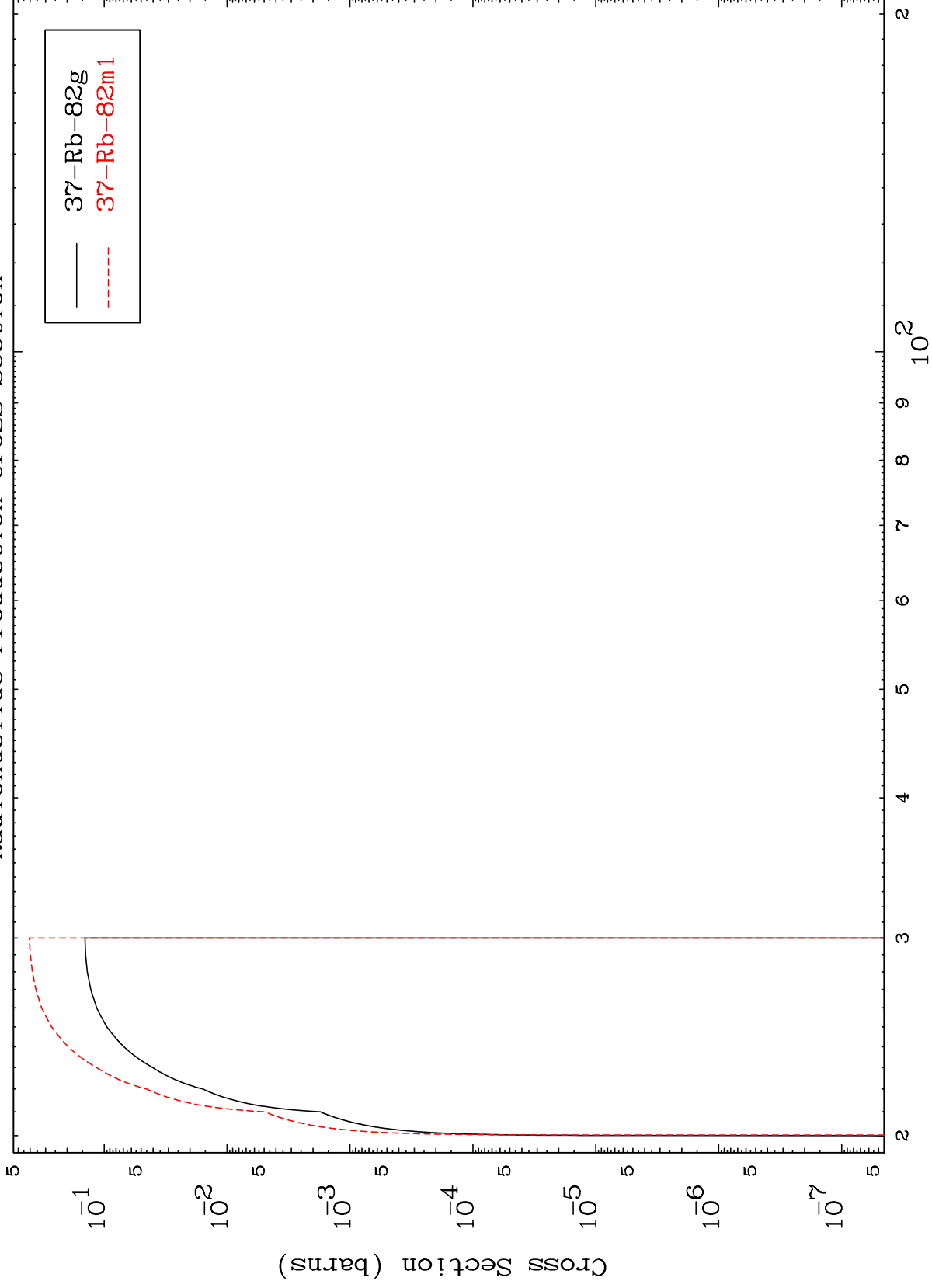


MAT 3722

(n,3n)

<sup>37</sup>Rb-84

Radionuclide Production Cross Section



110

Incident Energy (MeV)

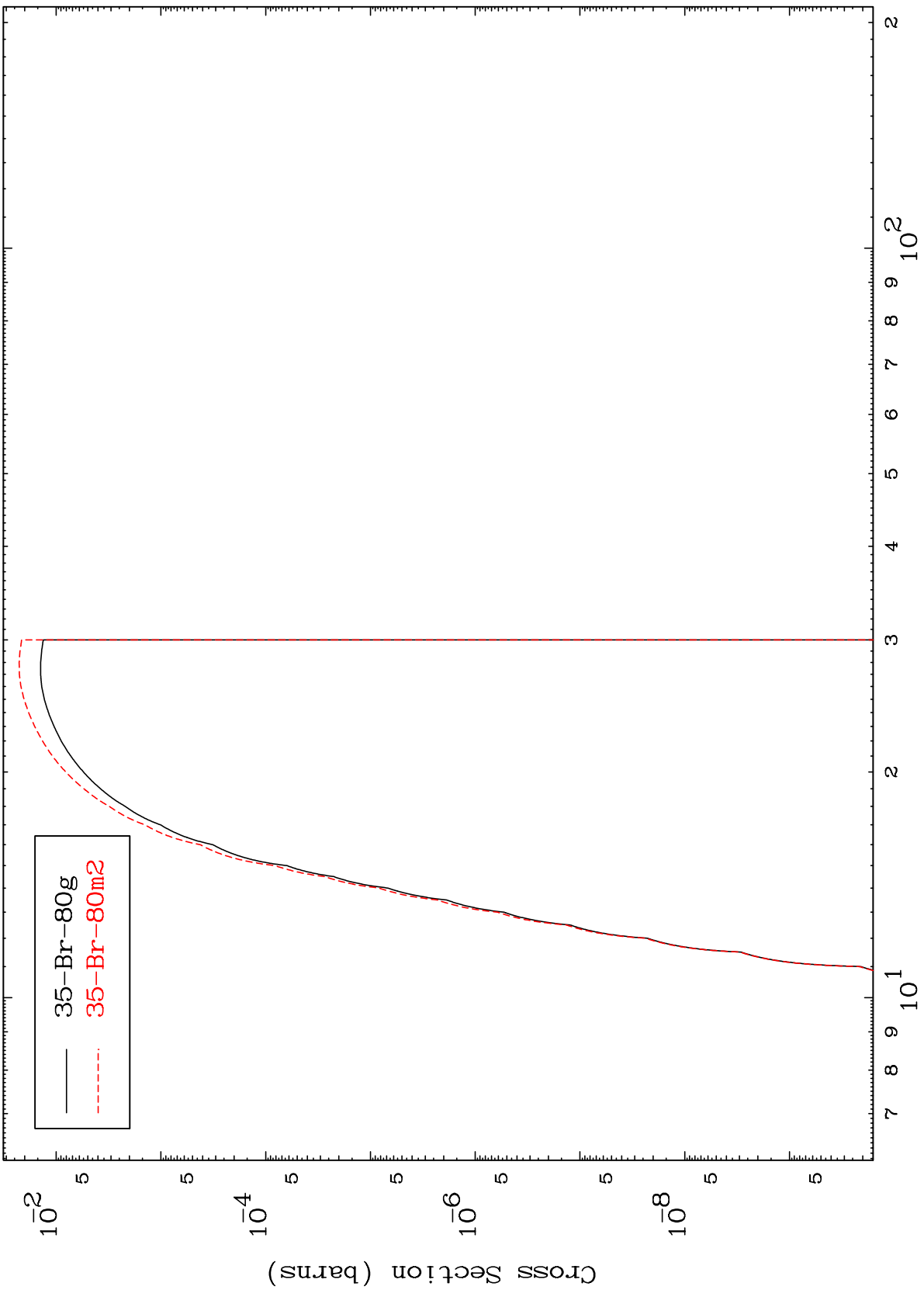
<sup>37</sup>Rb-84

MAT 3722

37-Rb-84

(n,n')  $\alpha$

Radionuclide Production Cross Section



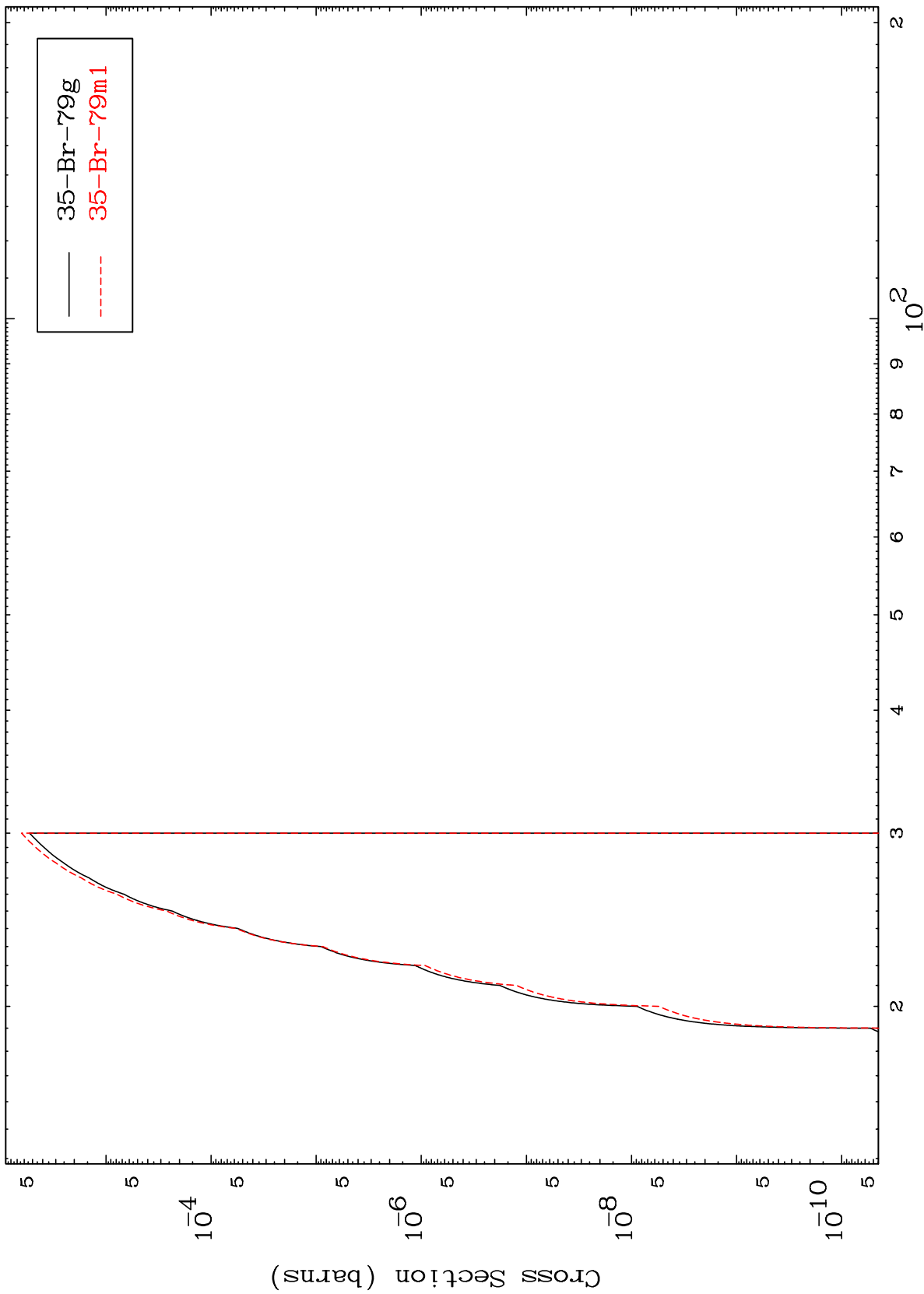
111

Incident Energy (MeV)

37-Rb-84



Radionuclide Production Cross Section

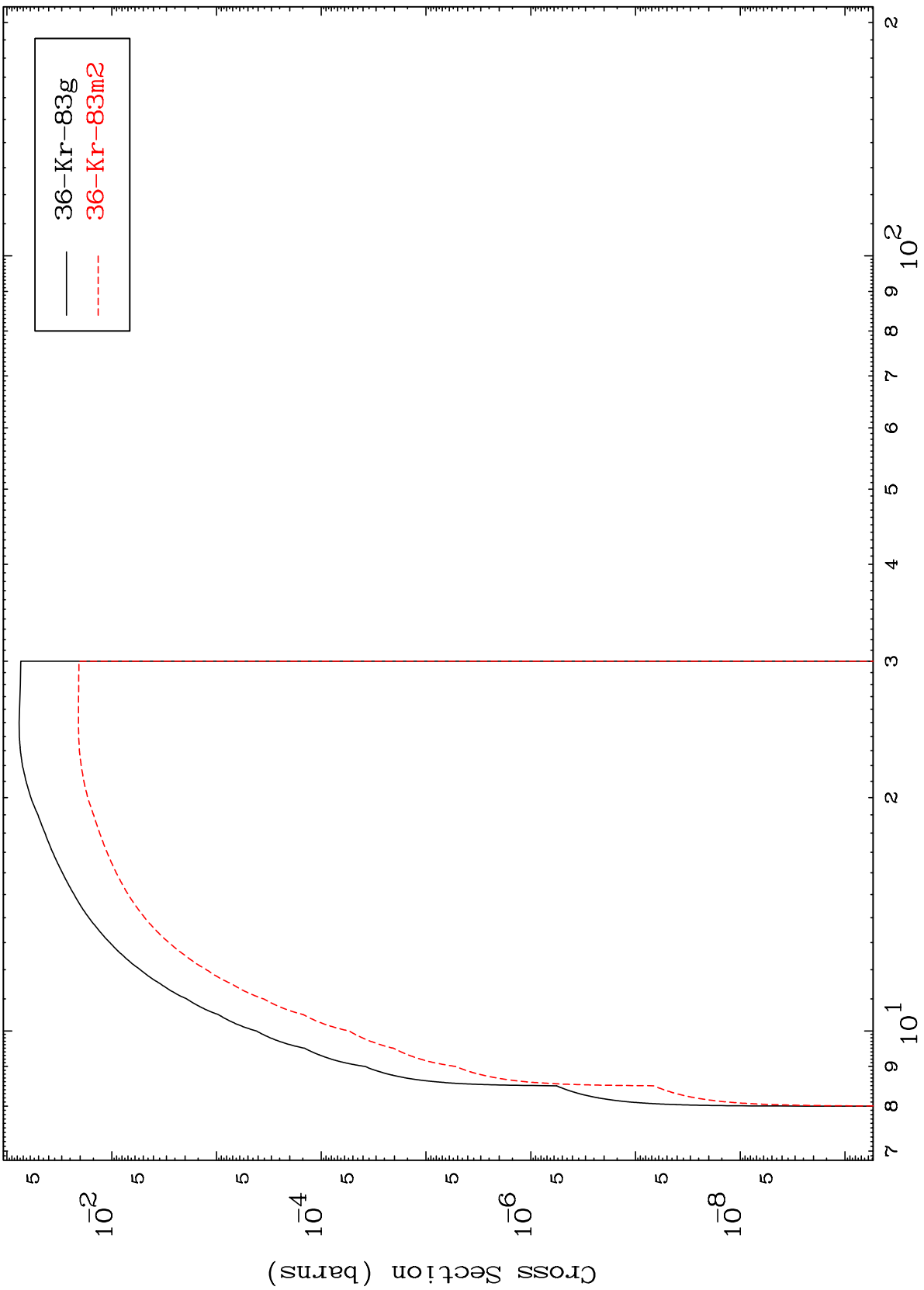


MAT 3722

(n,n') p

37-Rb-84

Radionuclide Production Cross Section

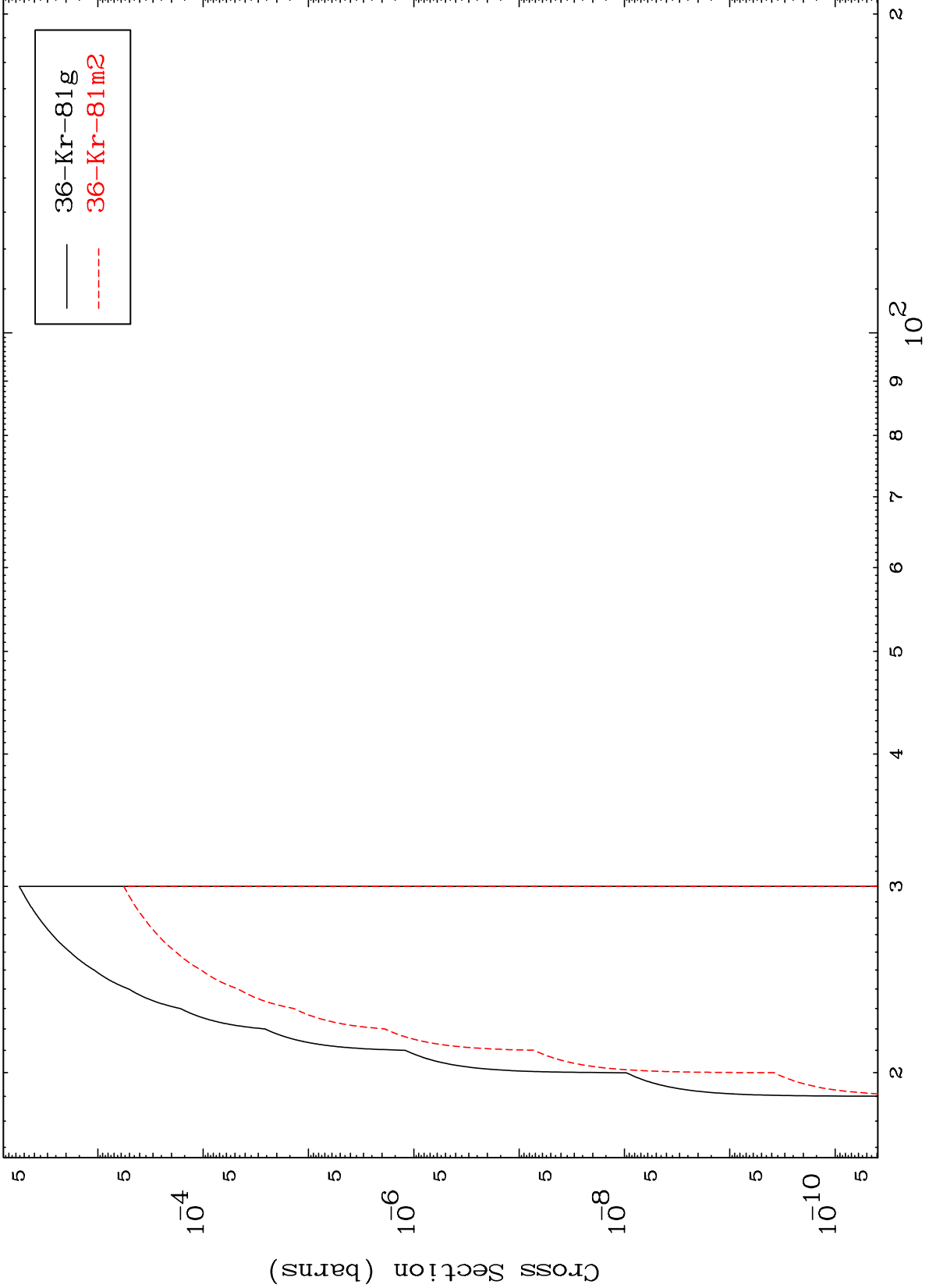


113

Incident Energy (MeV)

37-Rb-84

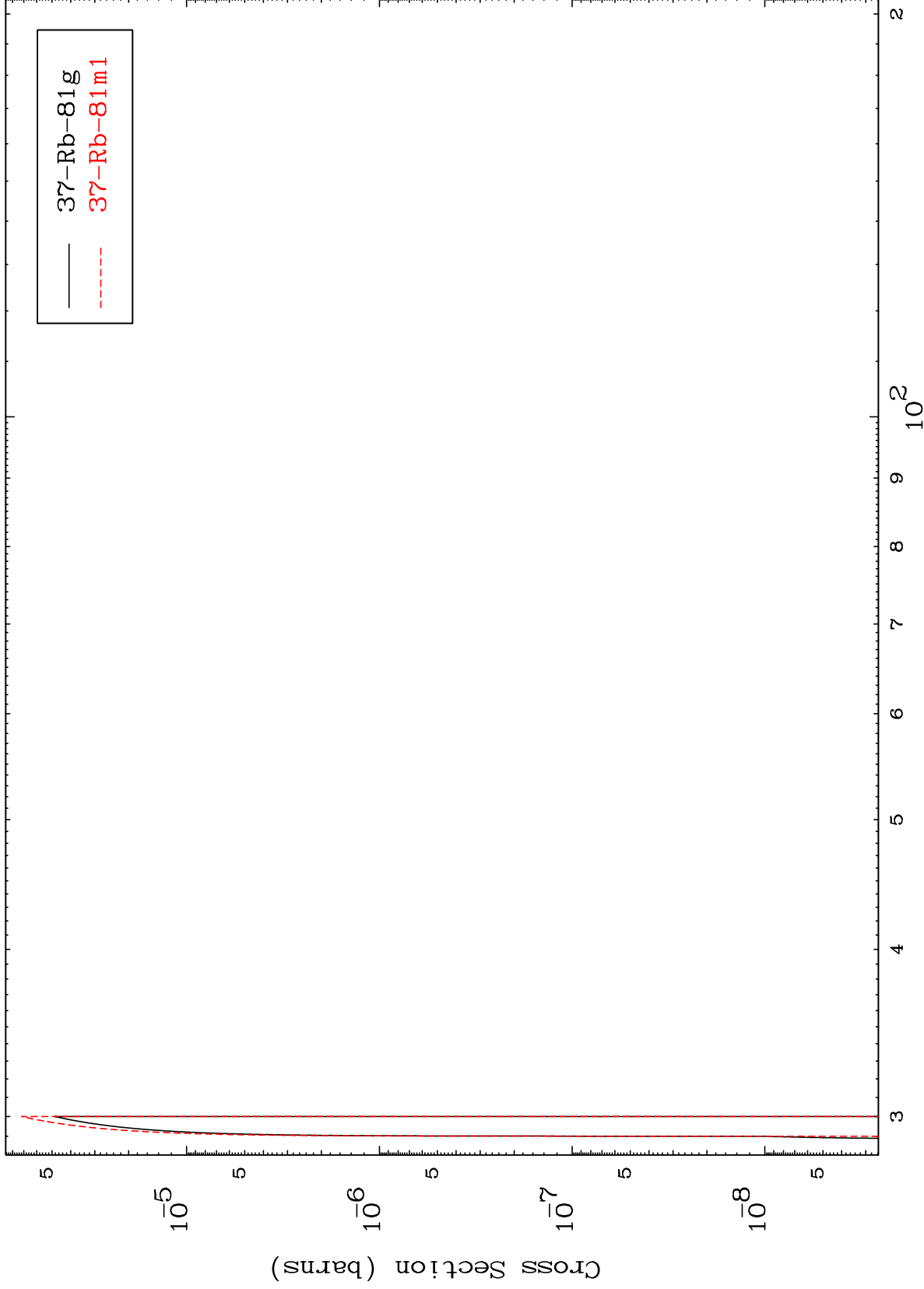
Radionuclide Production Cross Section



MAT 3722

37-Rb-84

(n,4n)  
Radionuclide Production Cross Section

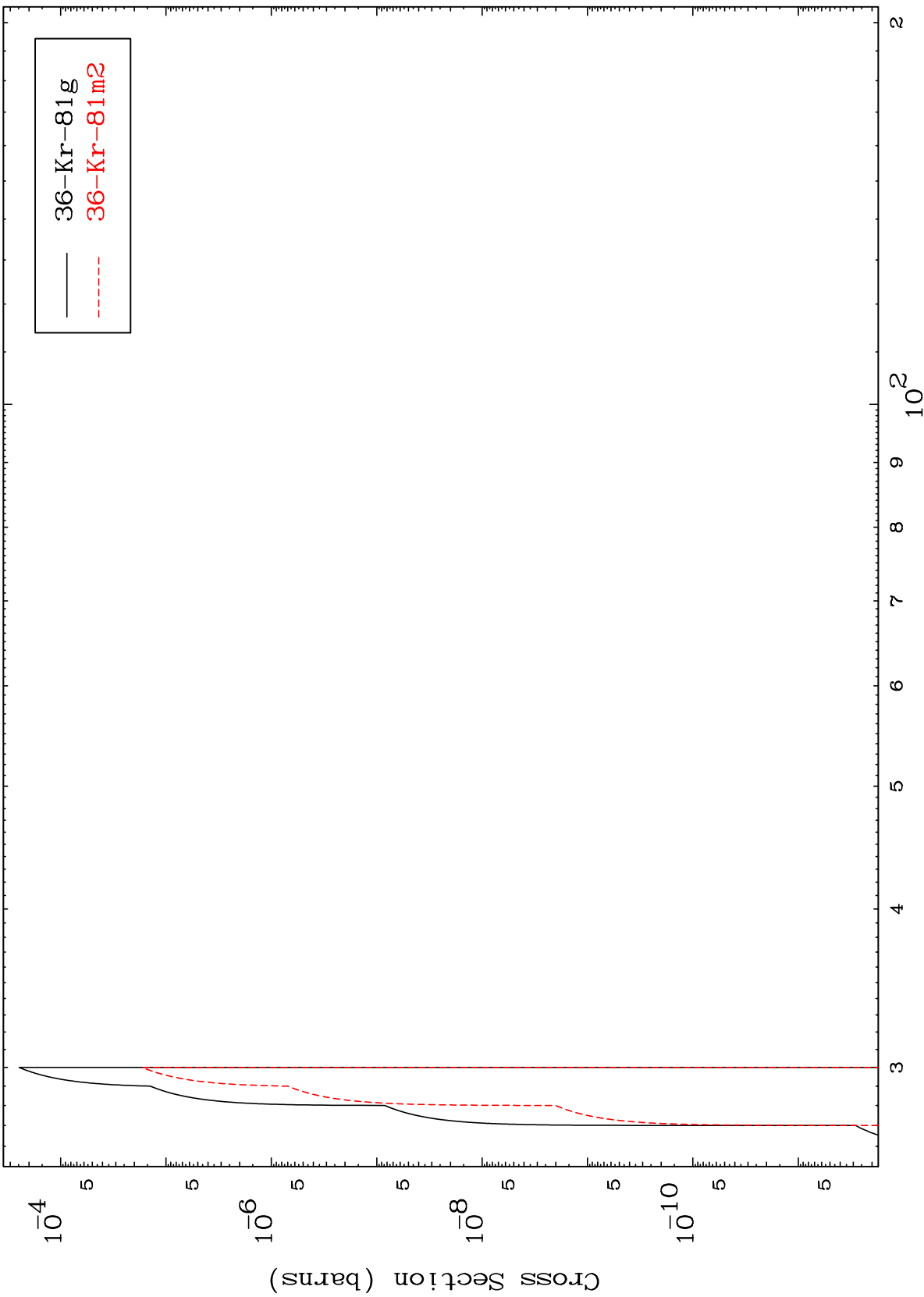


115

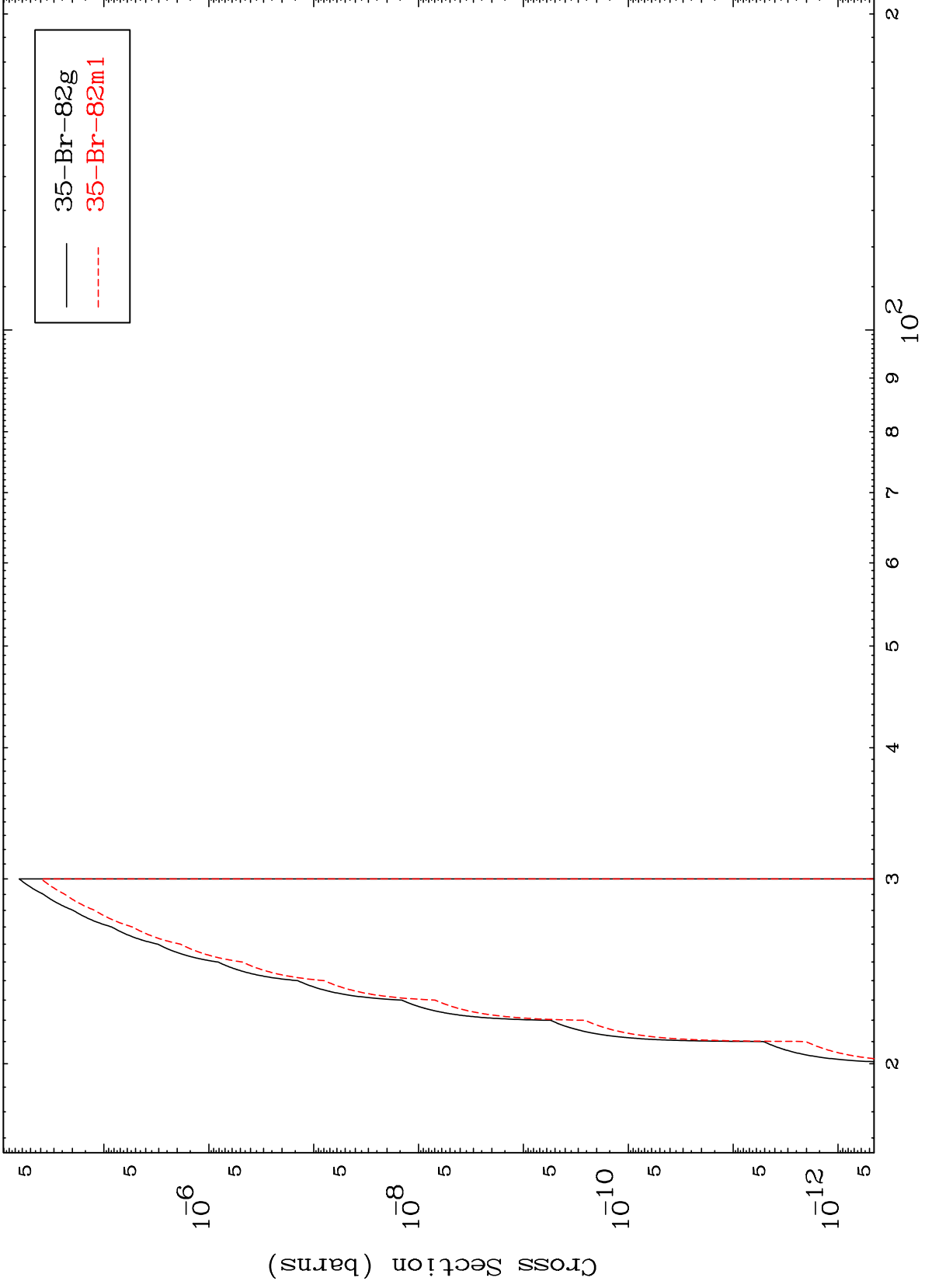
Incident Energy (MeV)

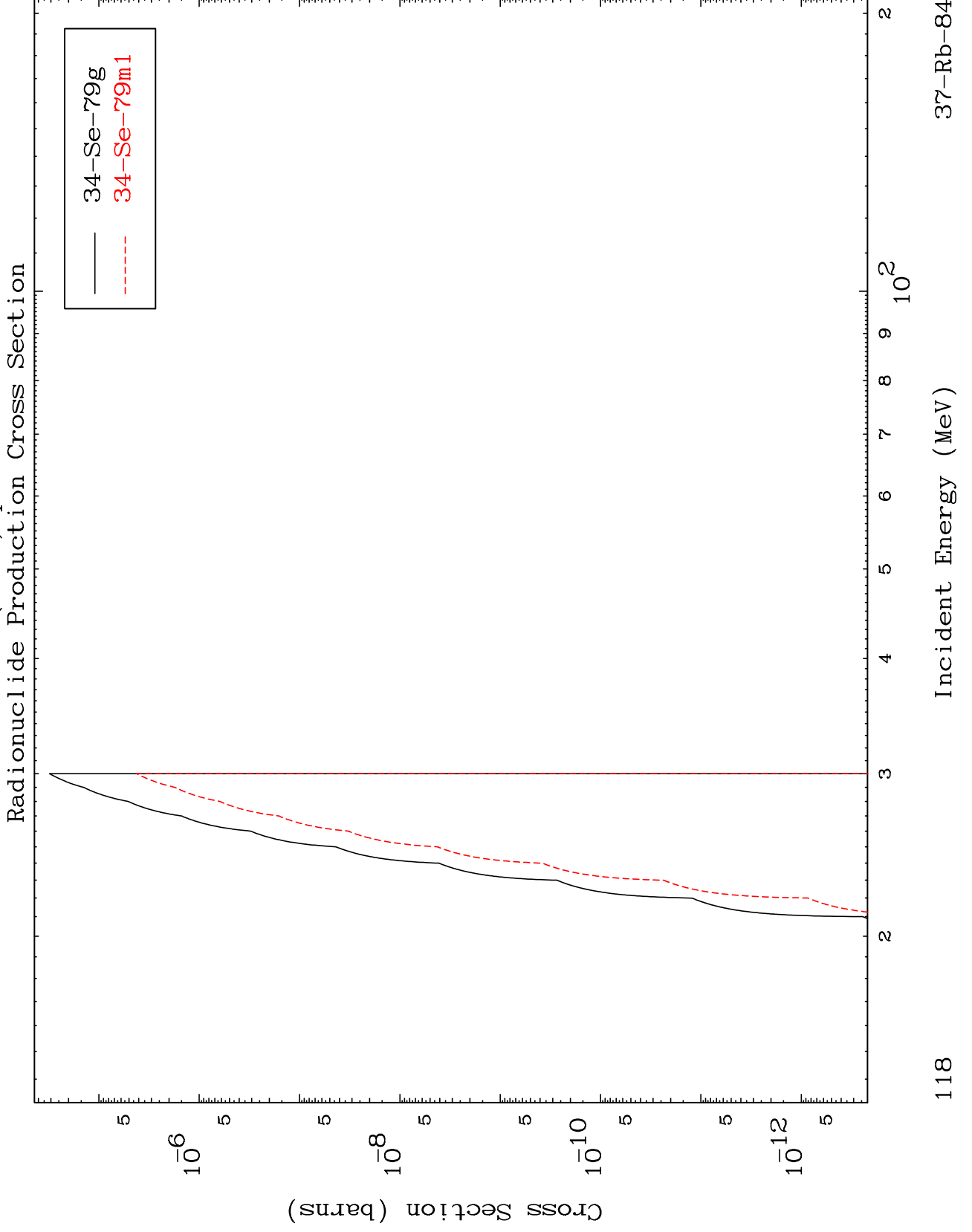
37-Rb-84

Radionuclide Production Cross Section



Radionuclide Production Cross Section

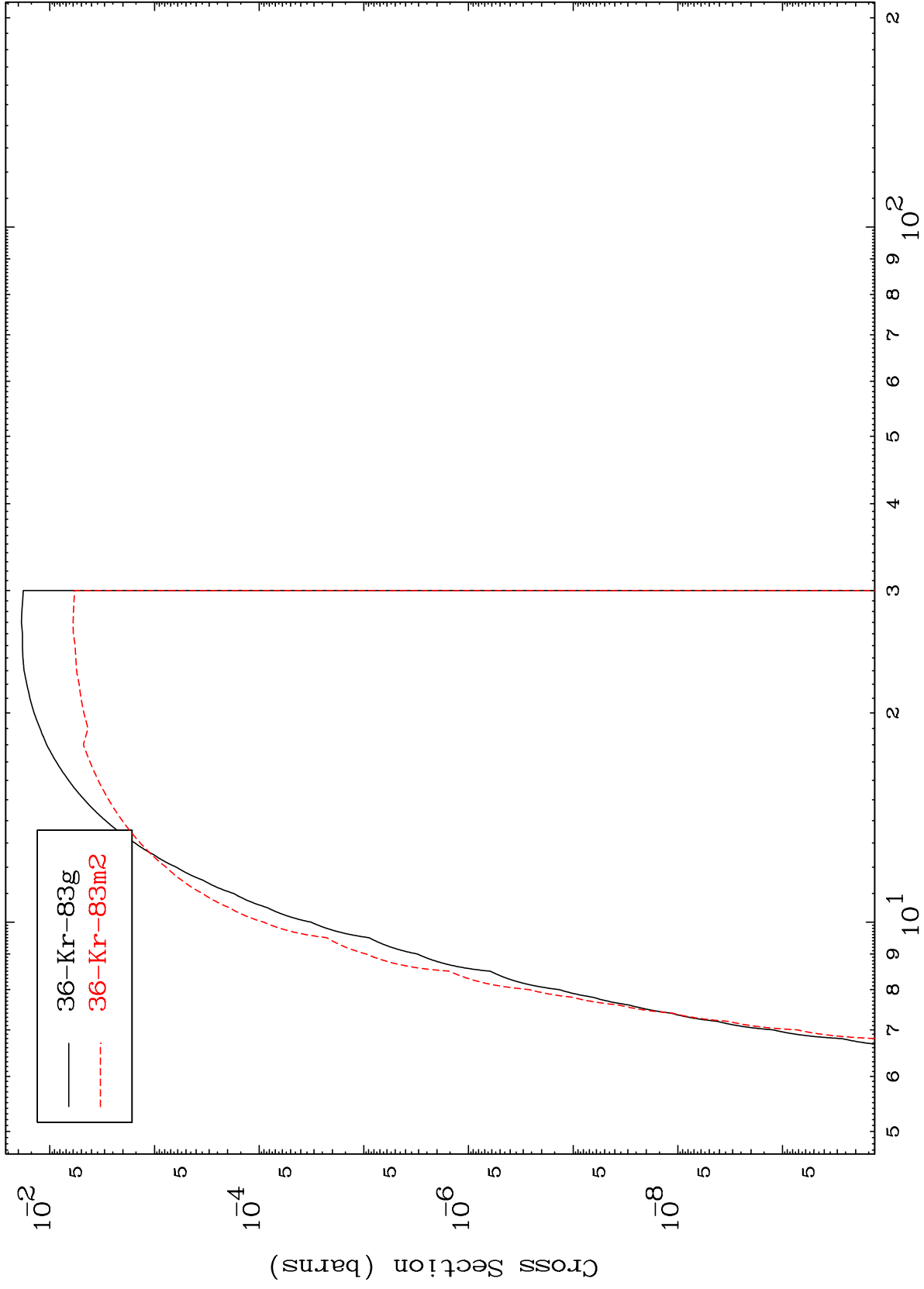




MAT 3722

37-Rb-84

(n,d)  
Radionuclide Production Cross Section



119

Incident Energy (MeV)

37-Rb-84

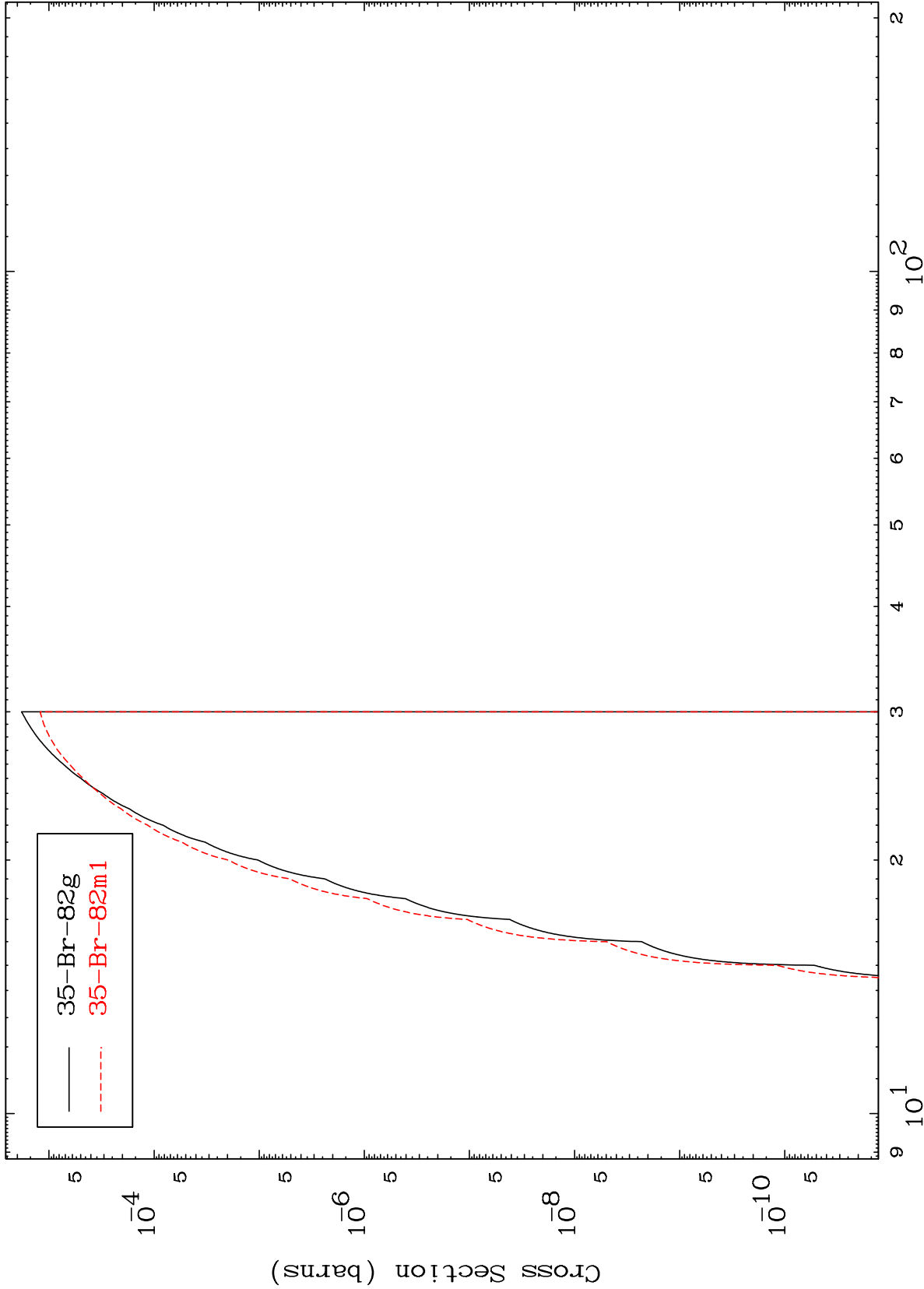


MAT 3722

(n,He-3)

37-Rb-84

Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-84

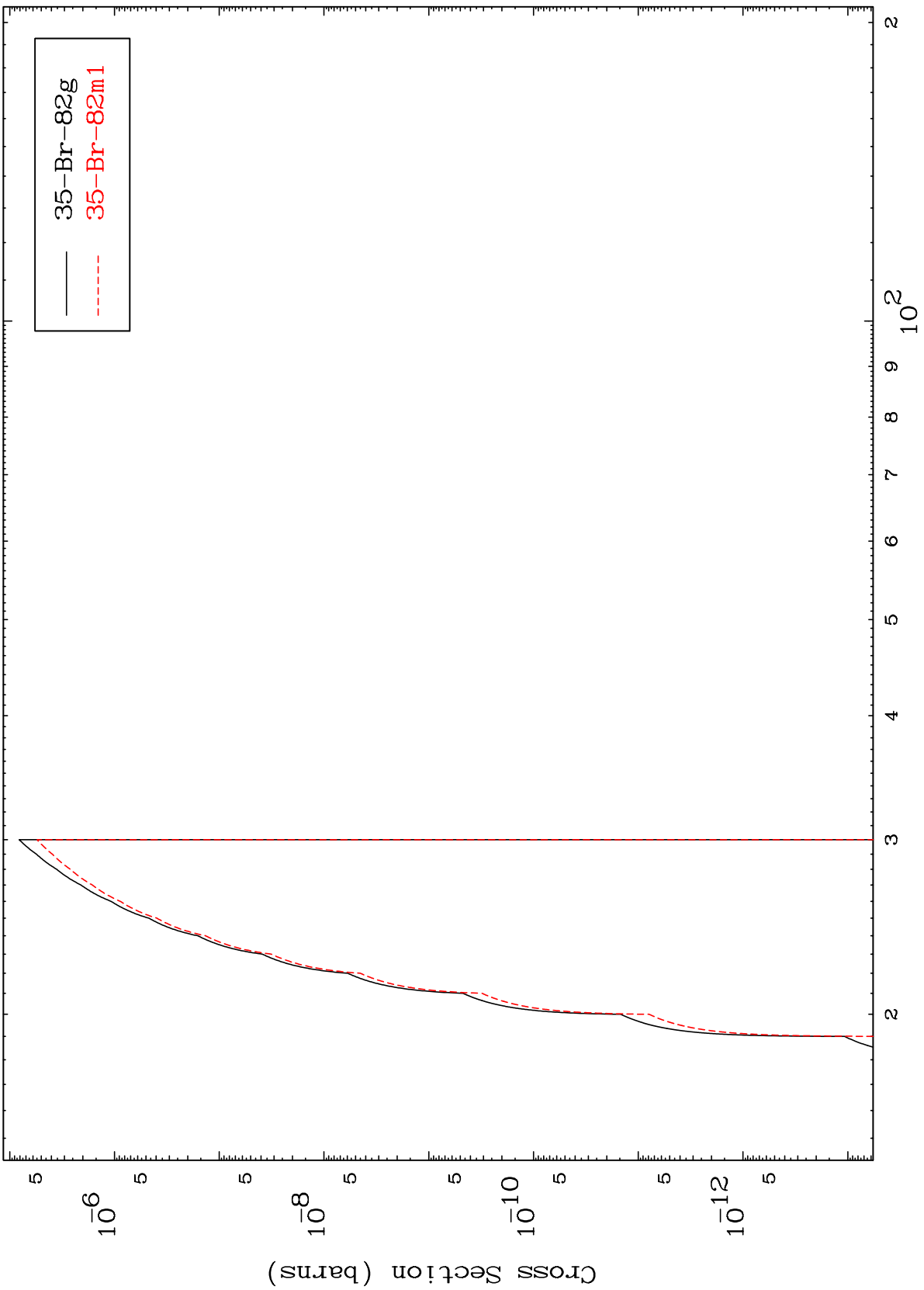
120

MAT 3722

(n,p) d

37-Rb-84

Radionuclide Production Cross Section



121

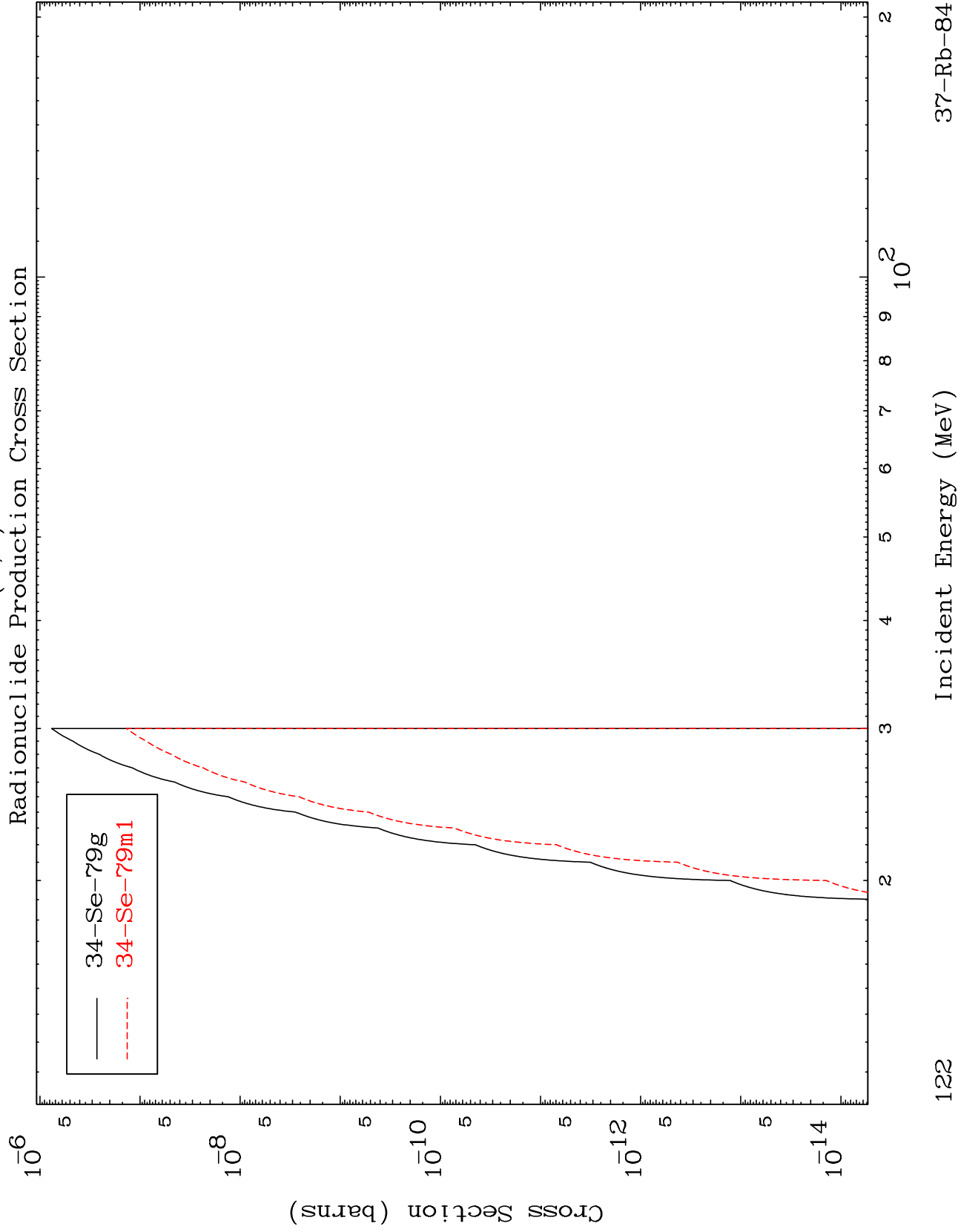
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,d)  $\alpha$

37-Rb-84



122