

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

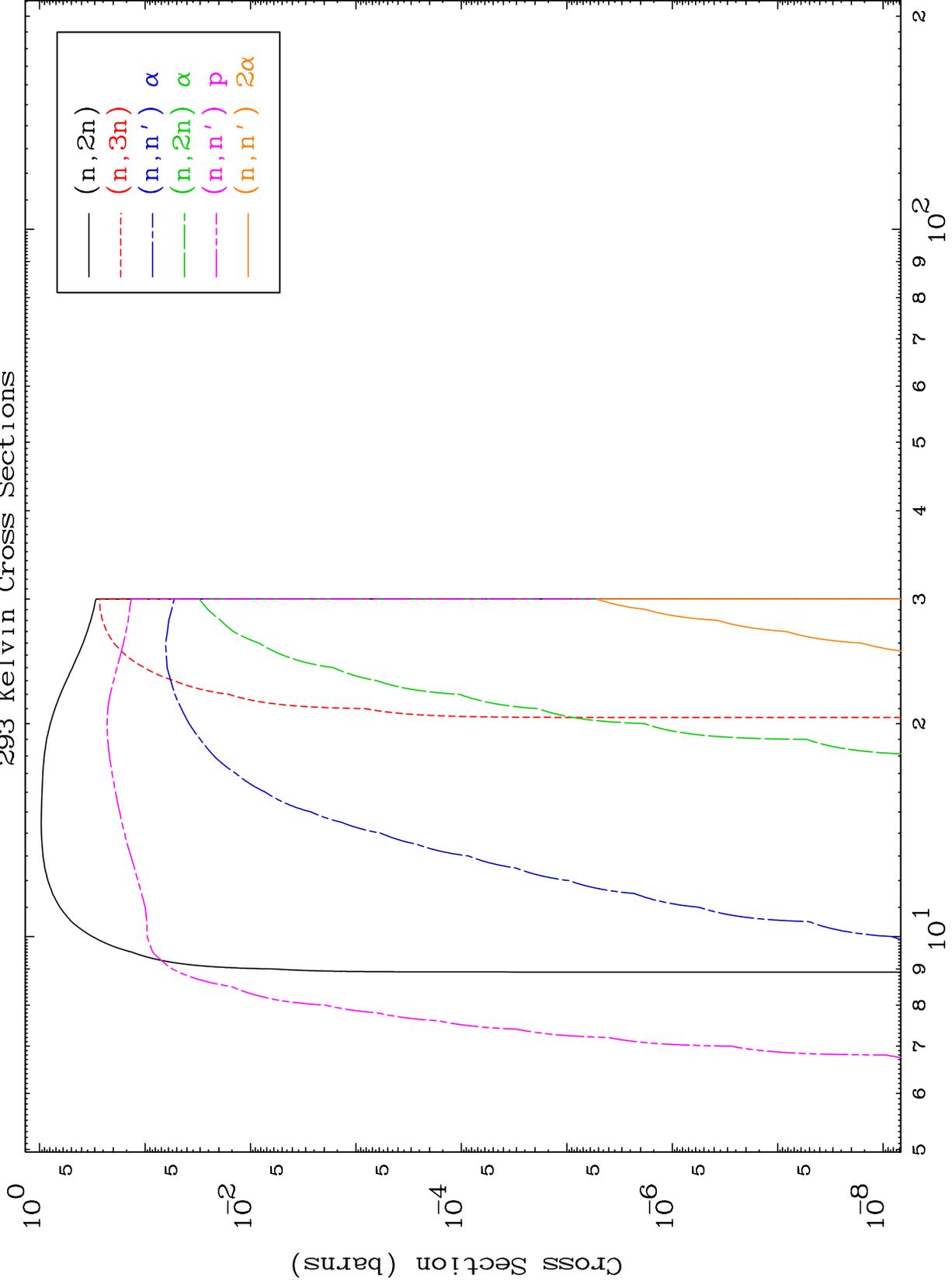
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

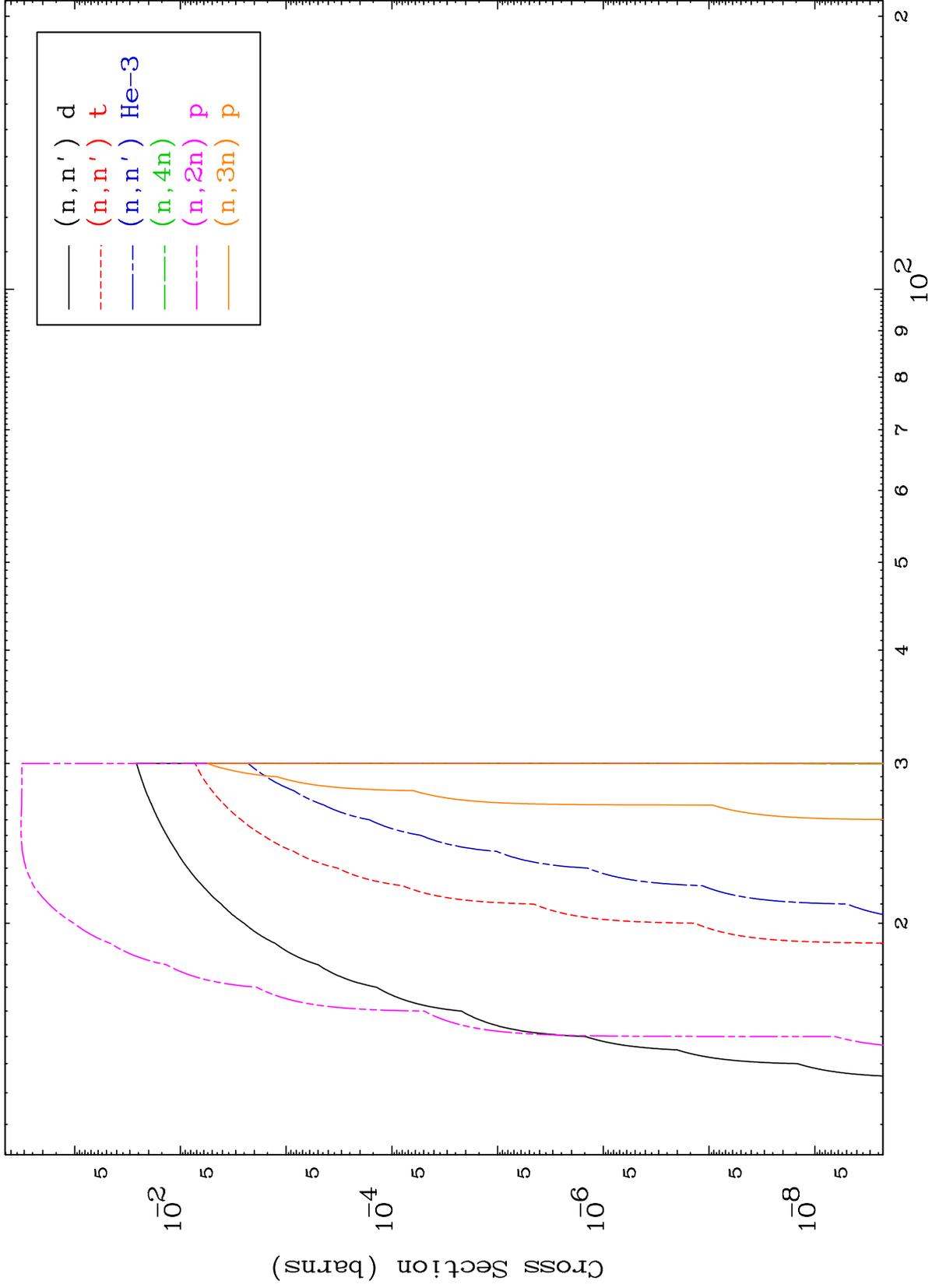
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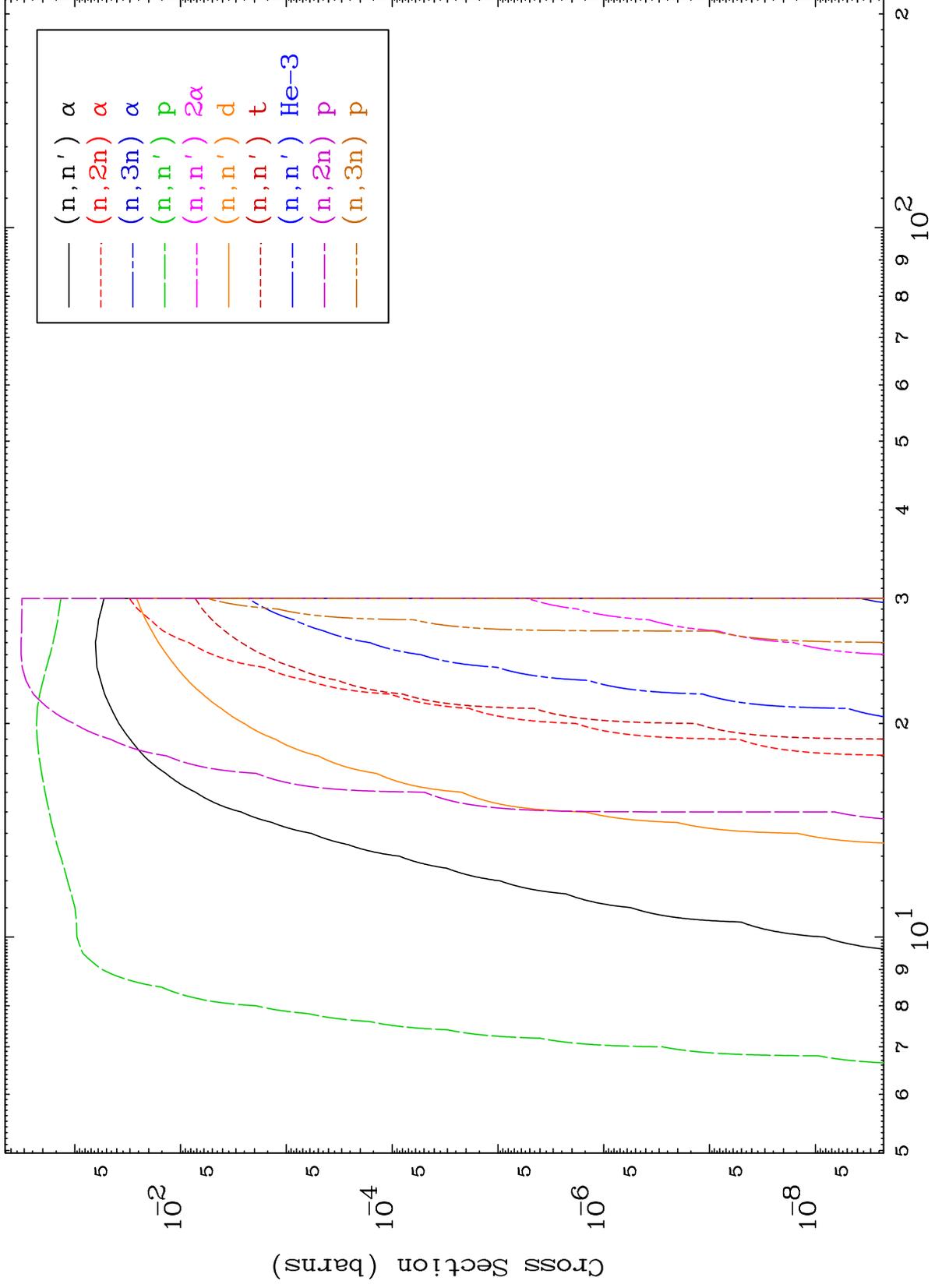
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



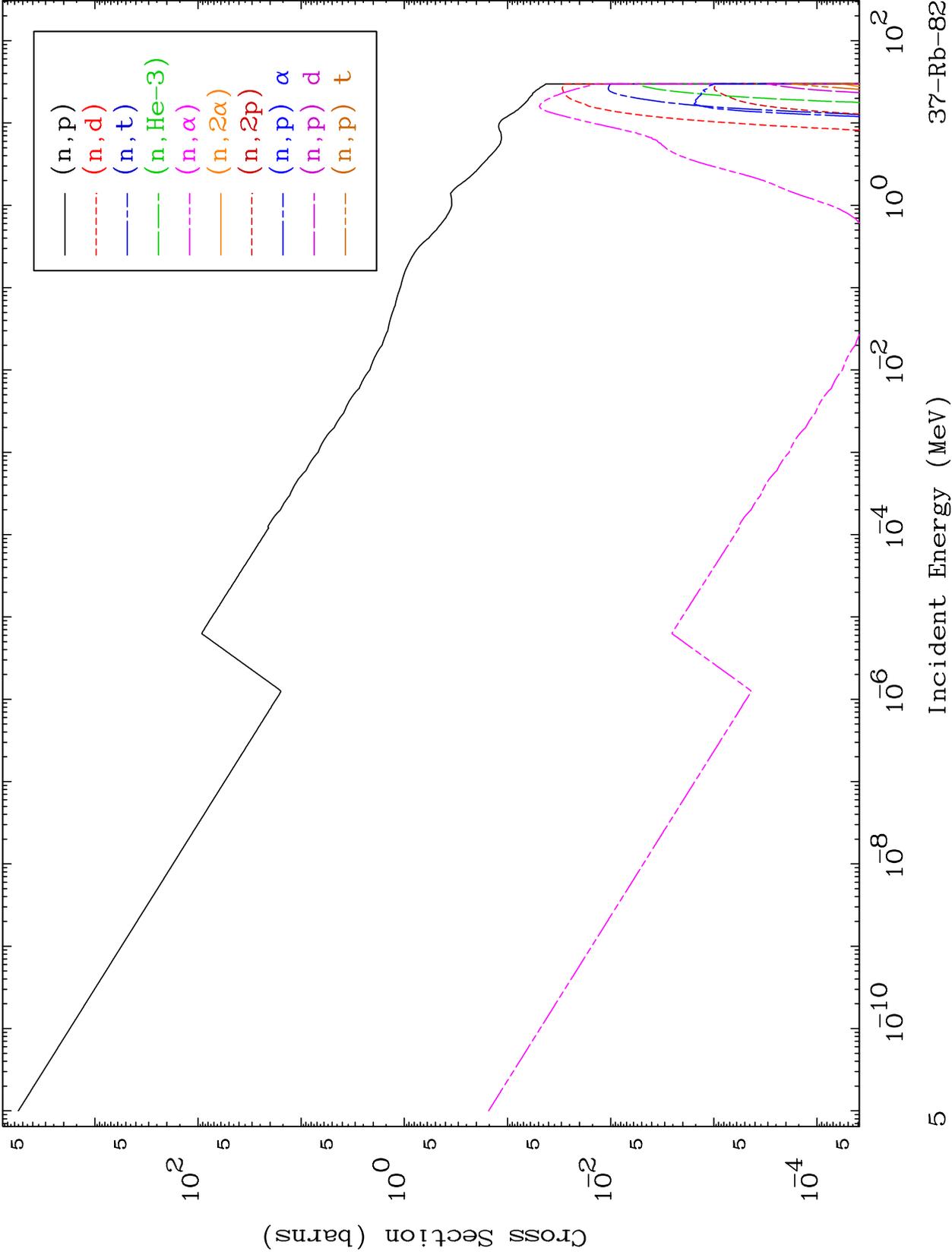




MAT 3716

Charged Particle
293 Kelvin Cross Sections

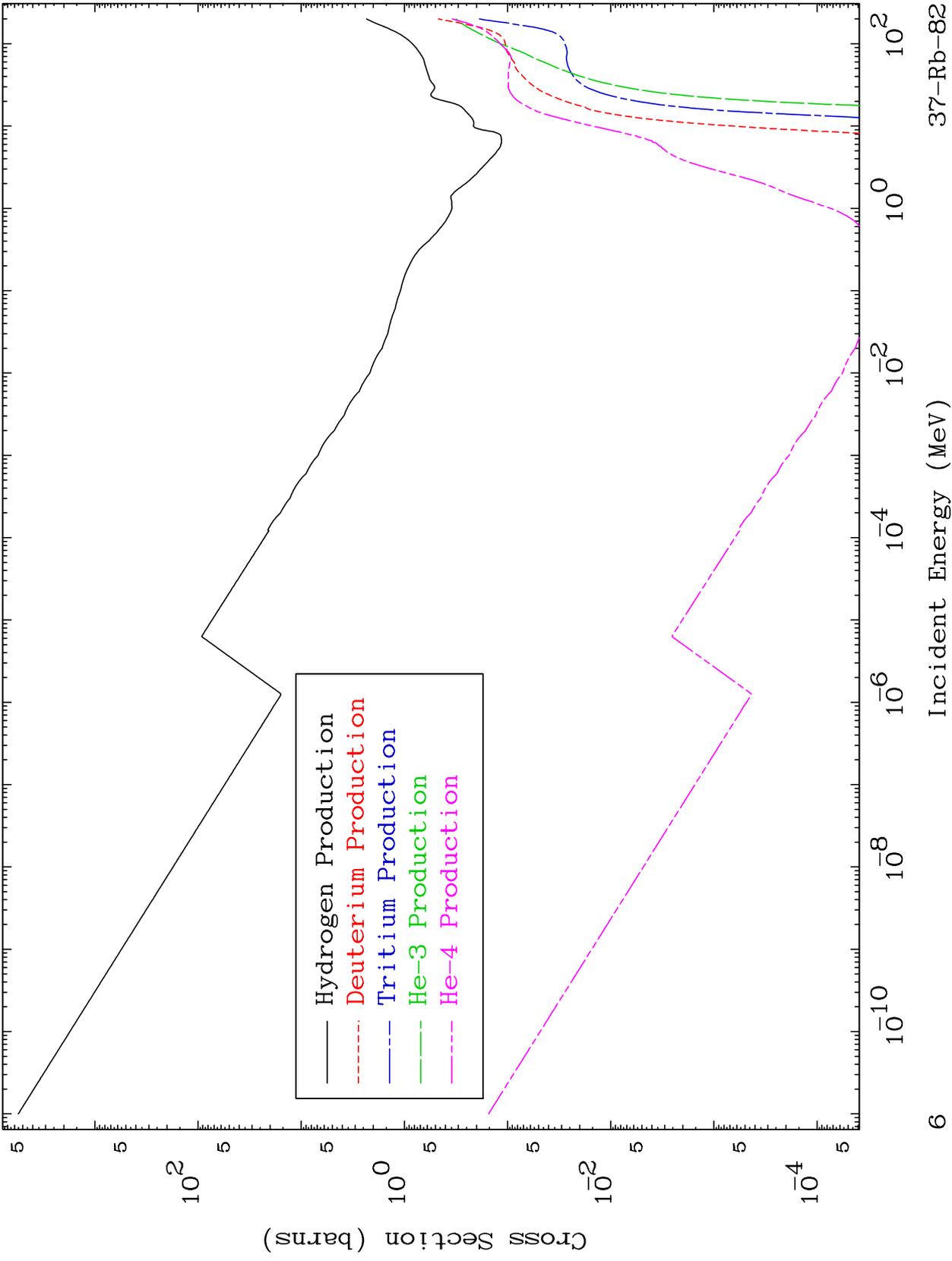
37-Rb-82



MAT 3716

Particle Production
293 Kelvin Cross Sections

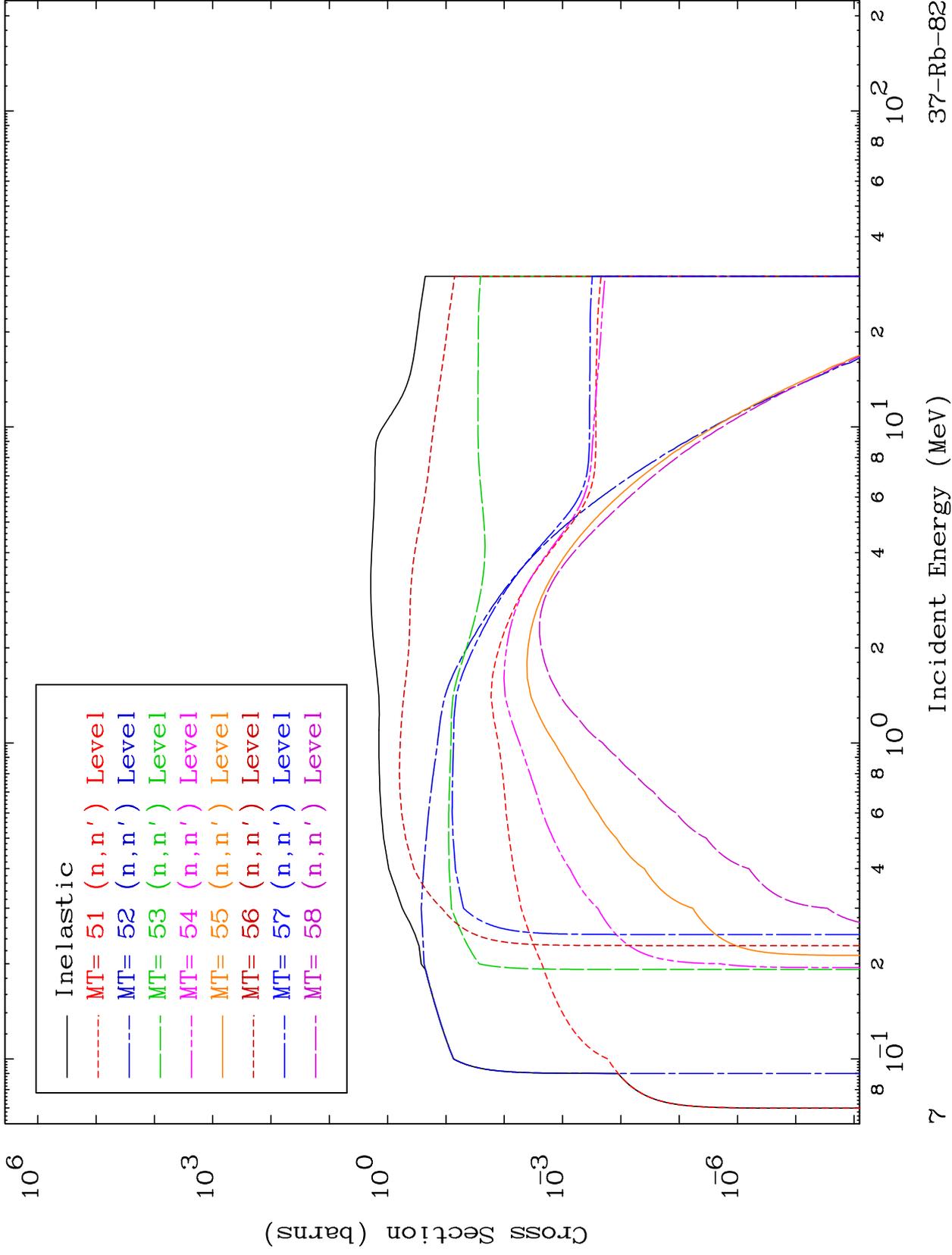
37-Rb-82



MAT 3716

(n,n') Level
293 Kelvin Cross Sections

37-Rb-82

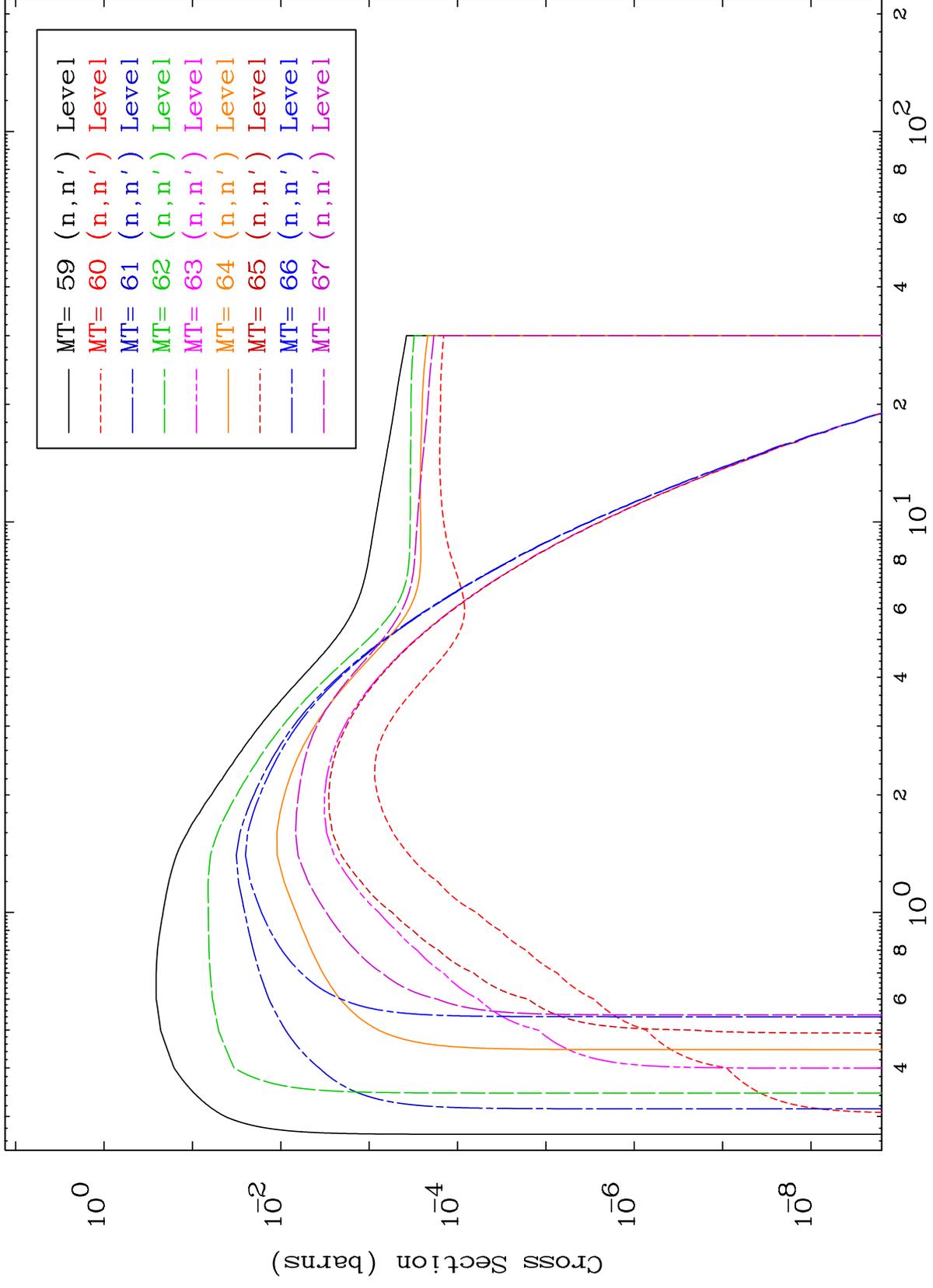


MAT 3716

(n,n') Level

37-Rb-82

293 Kelvin Cross Sections



8

Incident Energy (MeV)

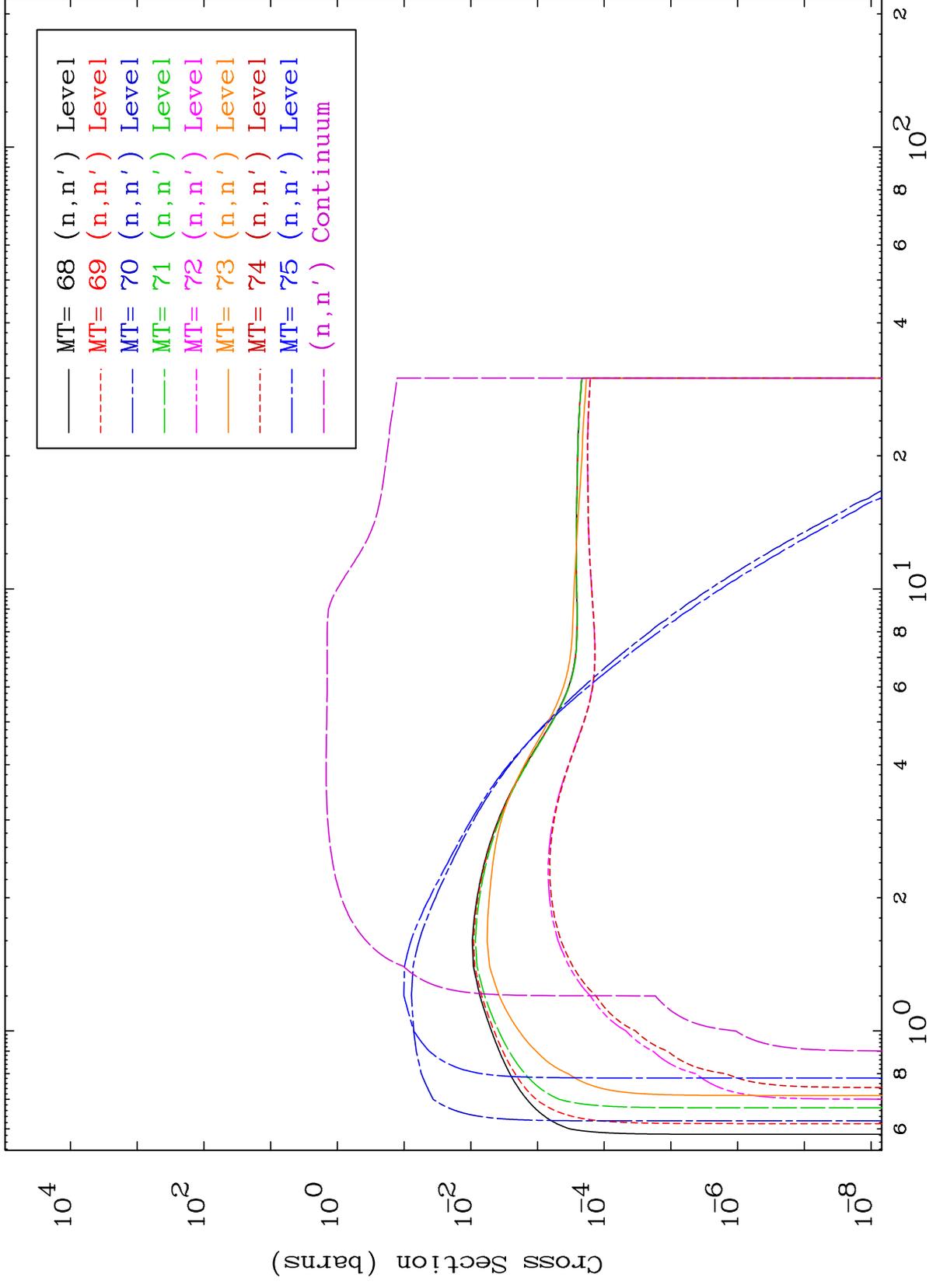
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MAT 3716

(n,n') Level

37-Rb-82

293 Kelvin Cross Sections



9

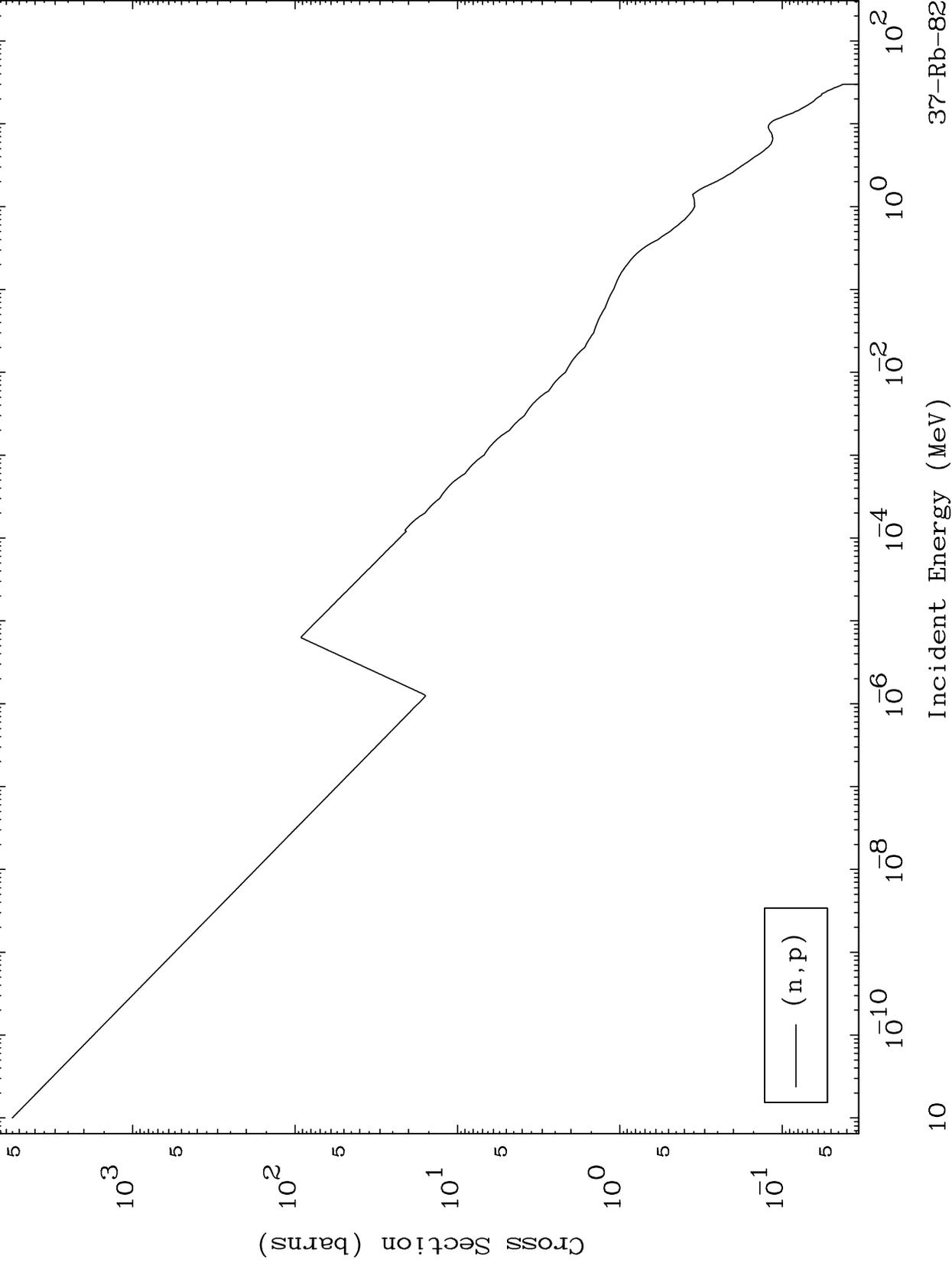
Incident Energy (MeV)

37-Rb-82

MAT 3716

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-82



10

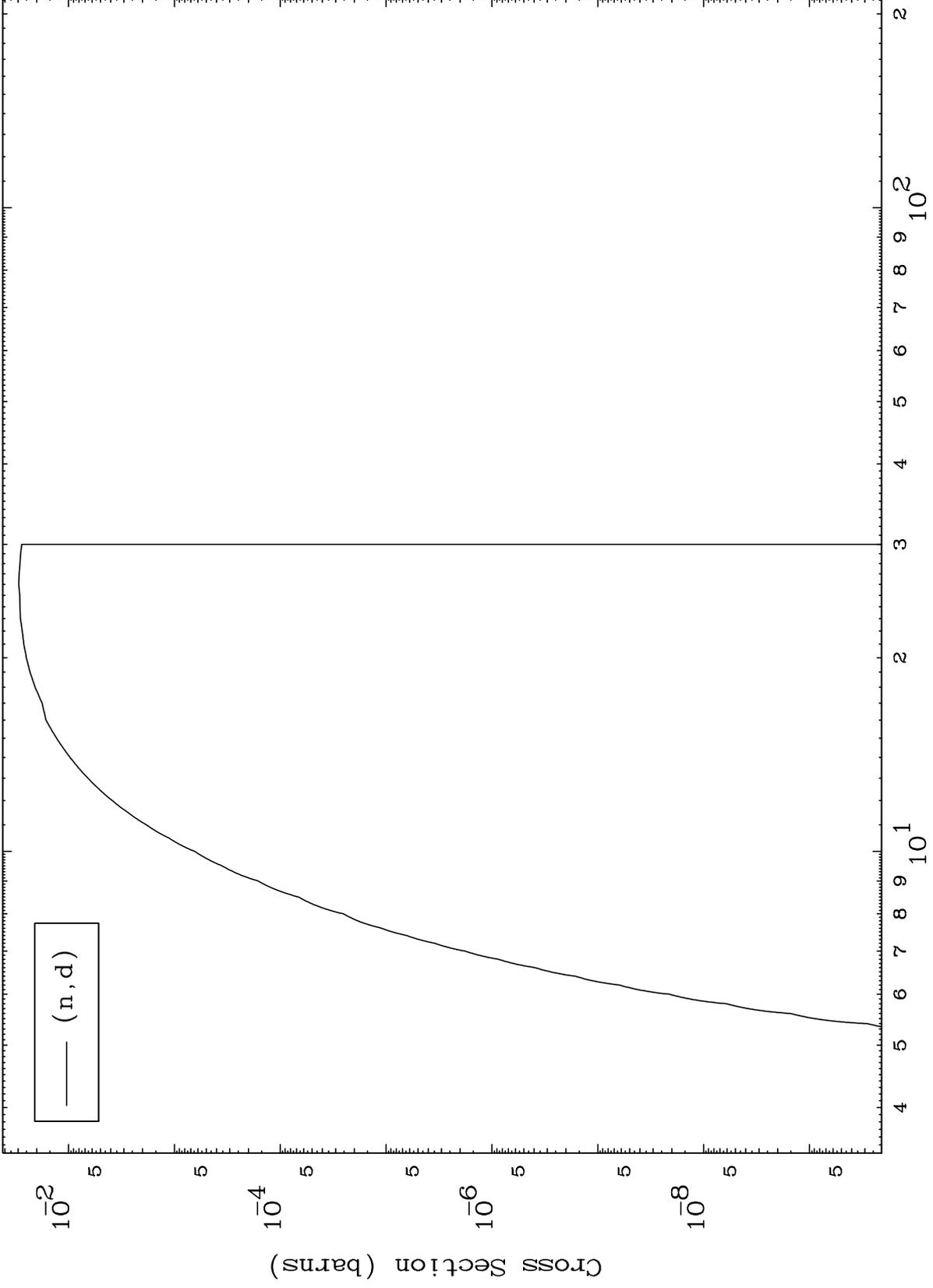
Incident Energy (MeV)

37-Rb-82

MAT 3716

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-82



11

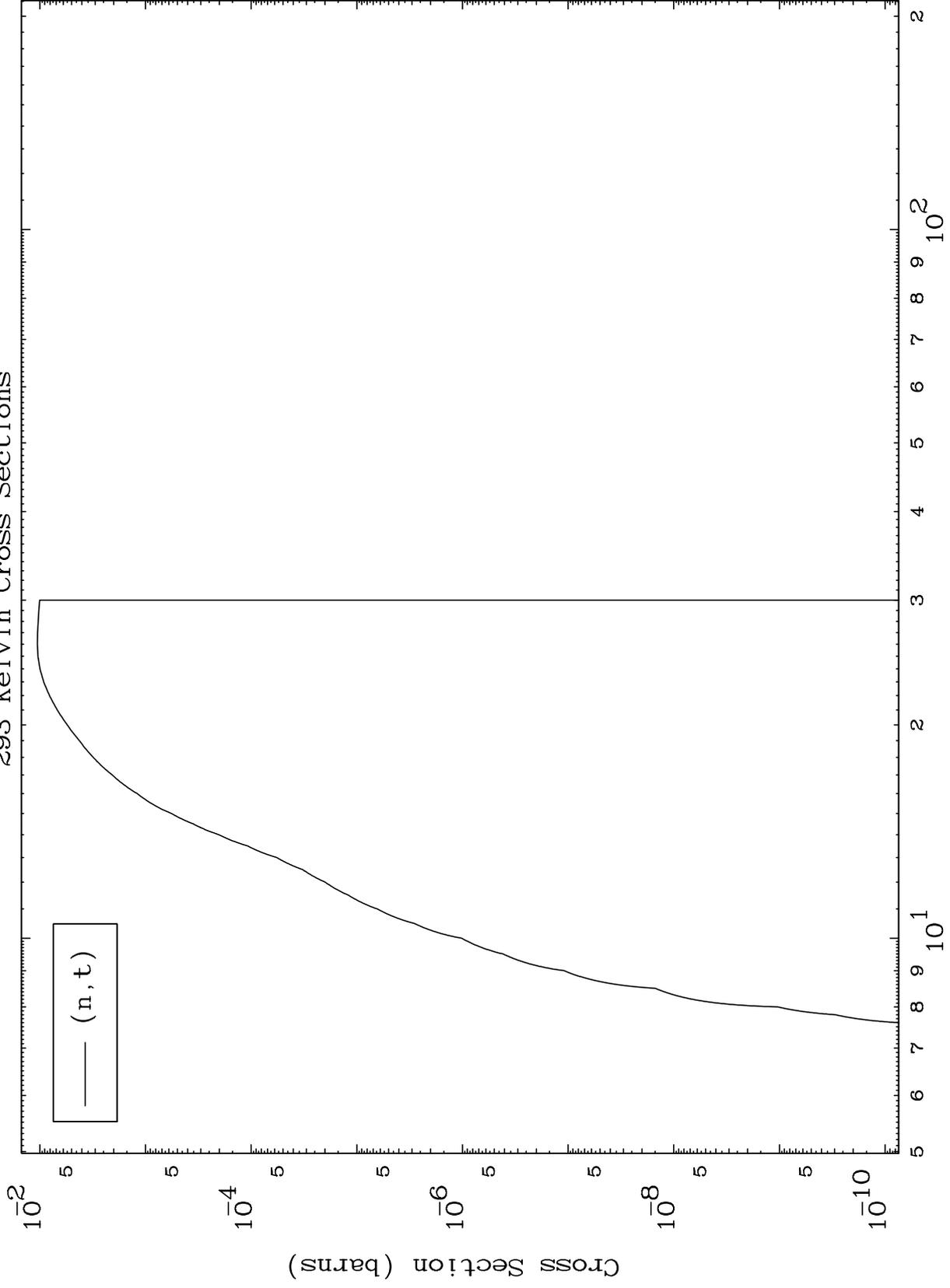
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37-Rb-82

MAT 3716

(n,t) Levels
293 Kelvin Cross Sections

37-Rb-82



12

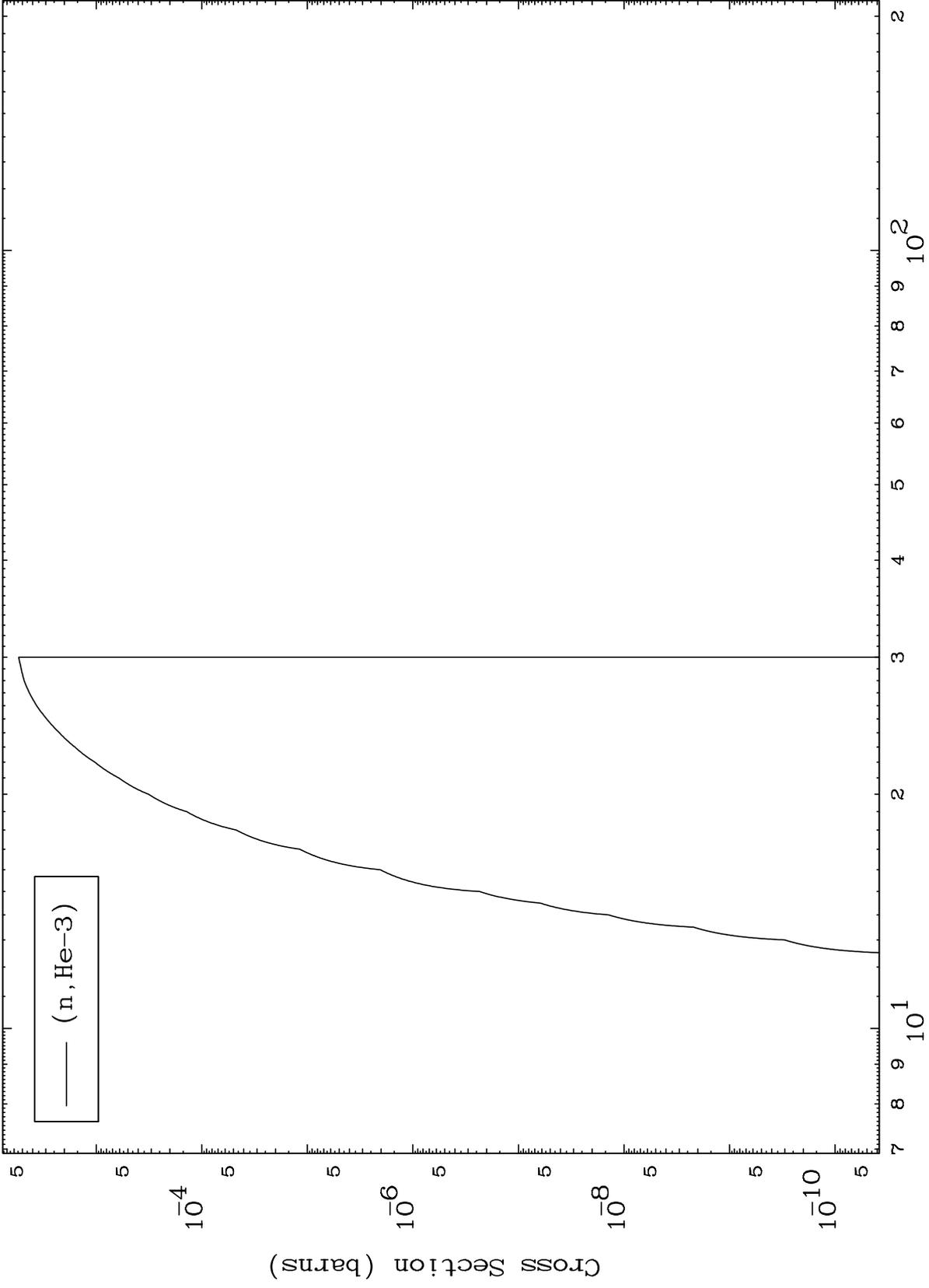
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37-Rb-82

MAT 3716

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-82



13

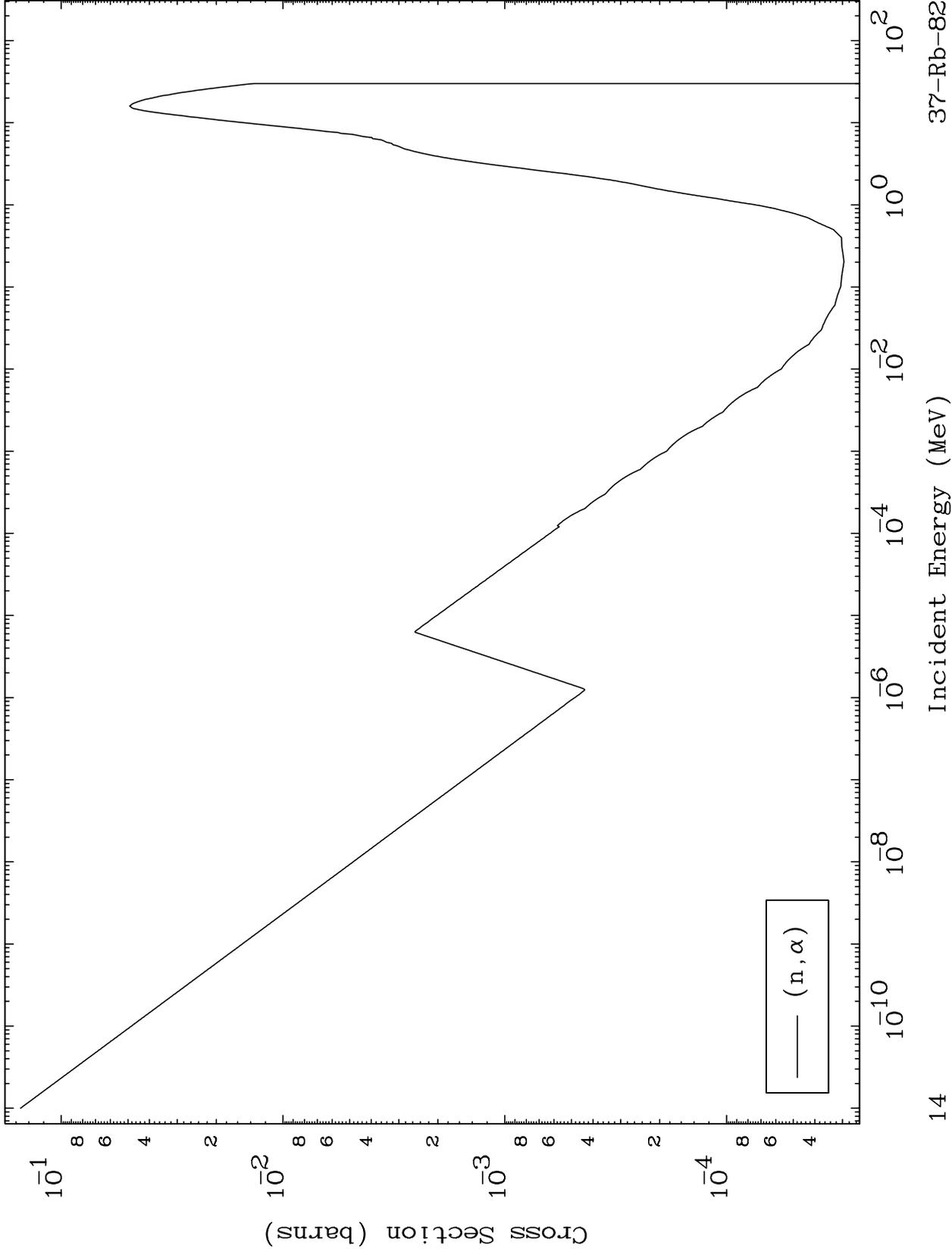
Incident Energy (MeV)

37-Rb-82

MAT 3716

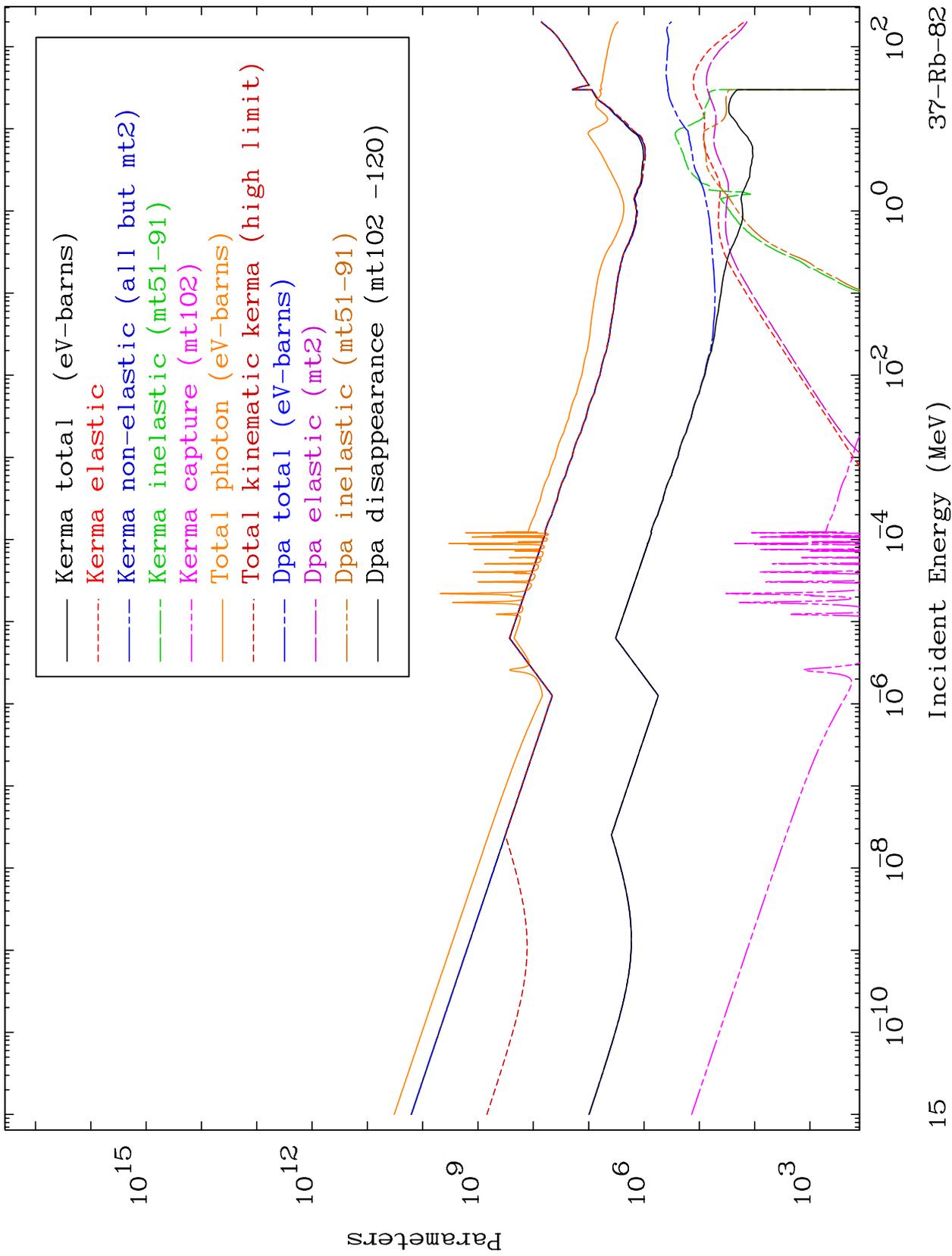
(n, α) Levels
293 Kelvin Cross Sections

37-Rb-82



14

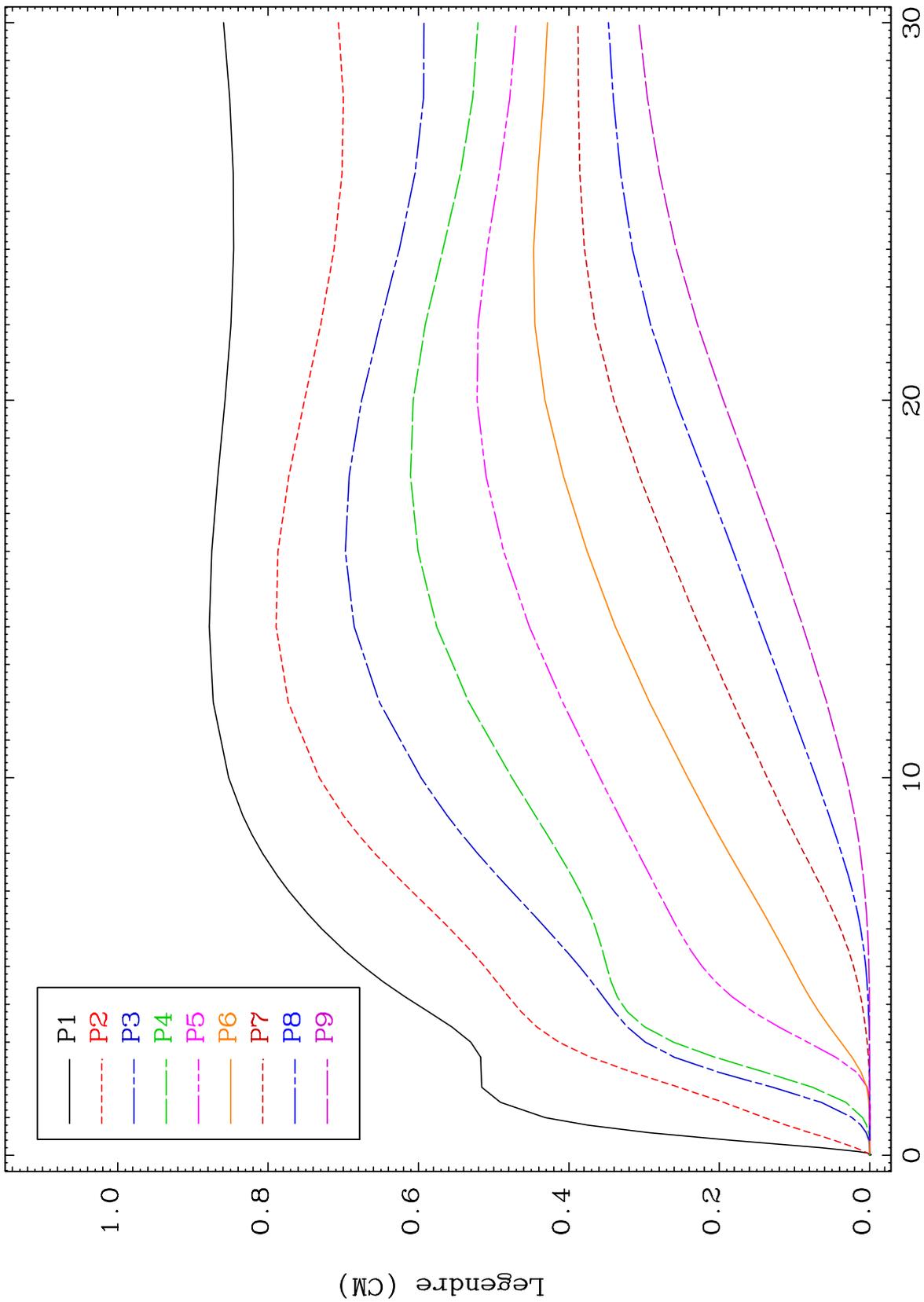
37-Rb-82



MAT 3716

Elastic Legendre Coefficients

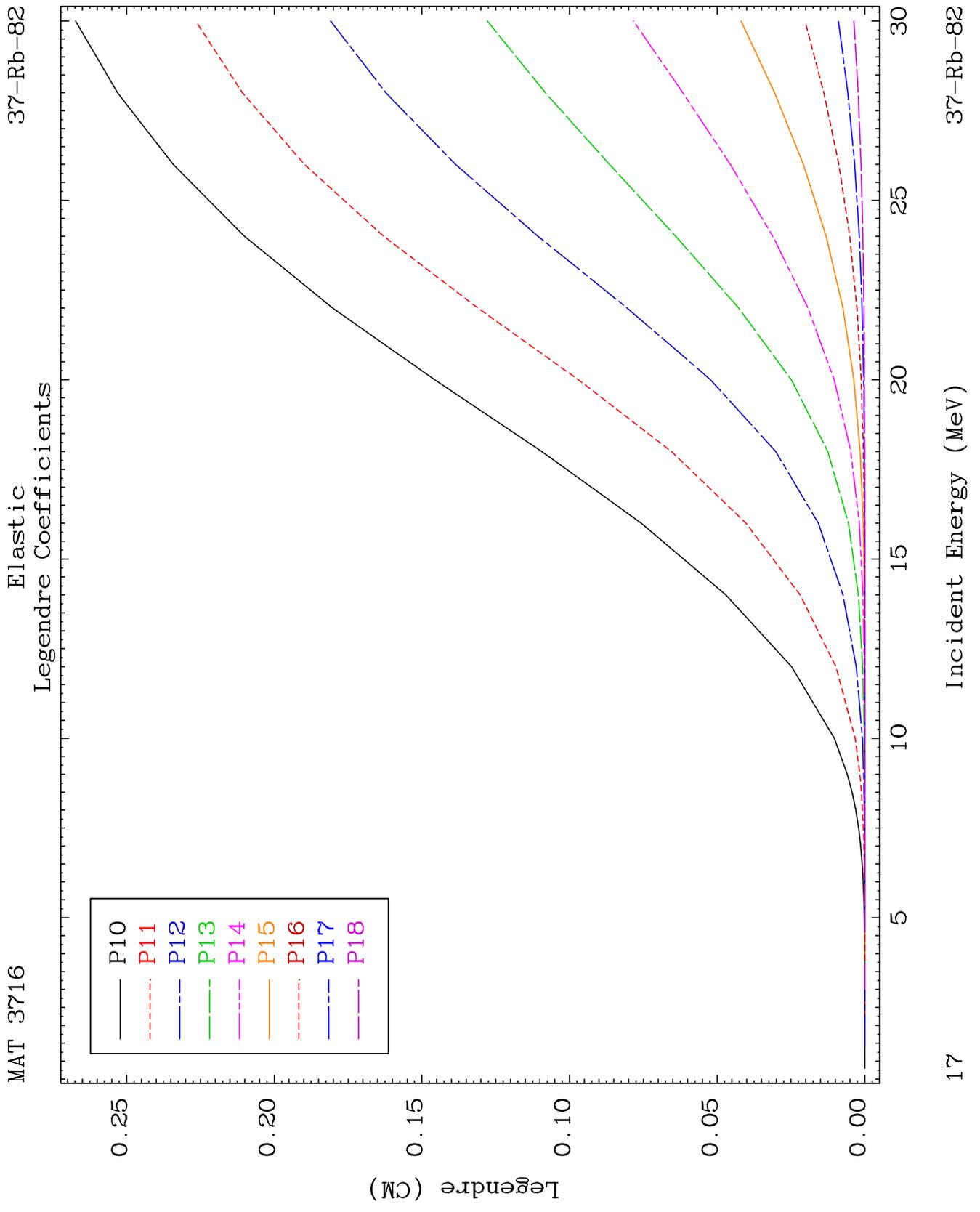
³⁷Rb-82



16

Incident Energy (MeV)

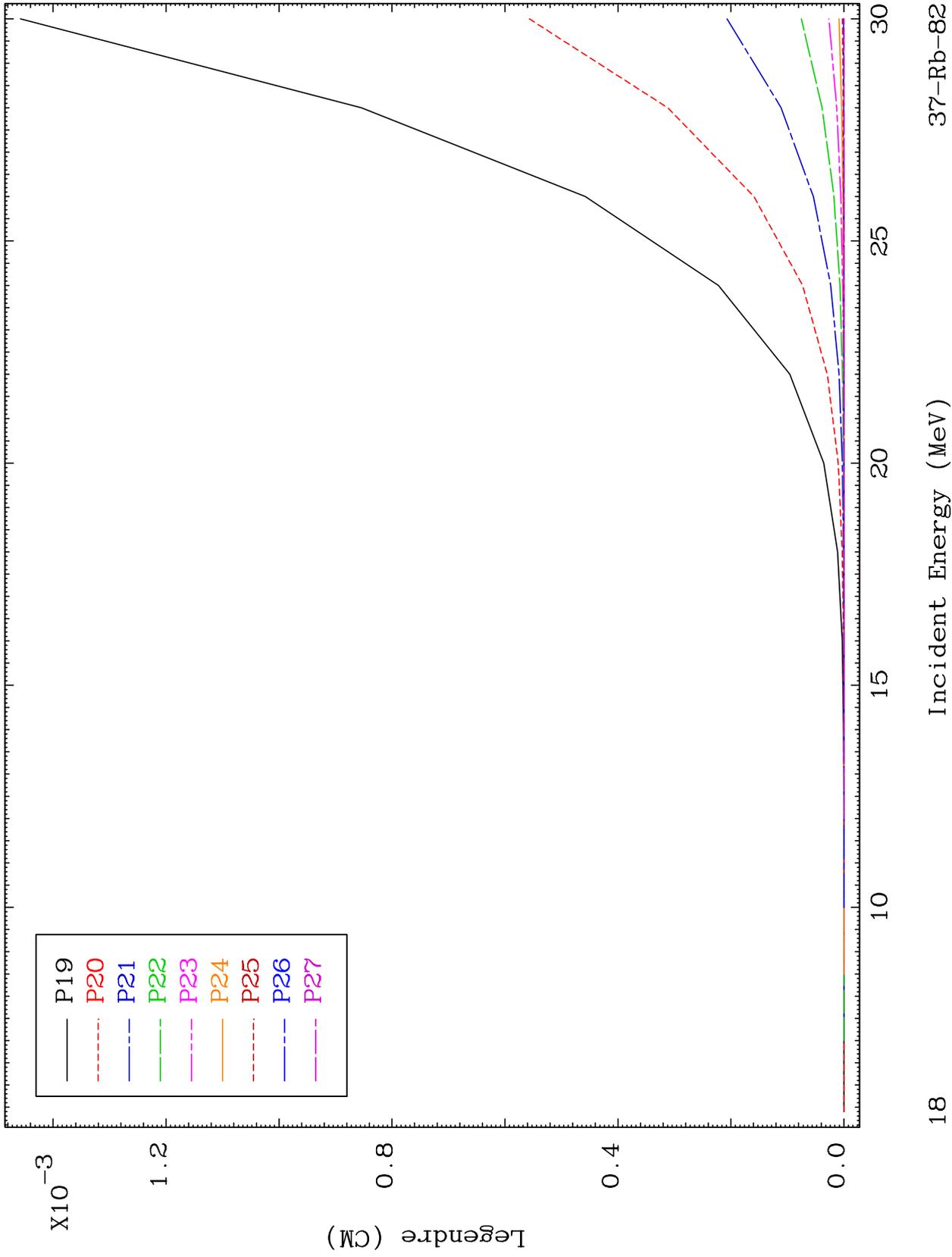
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MAT 3716

Elastic Legendre Coefficients

37-Rb-82



18

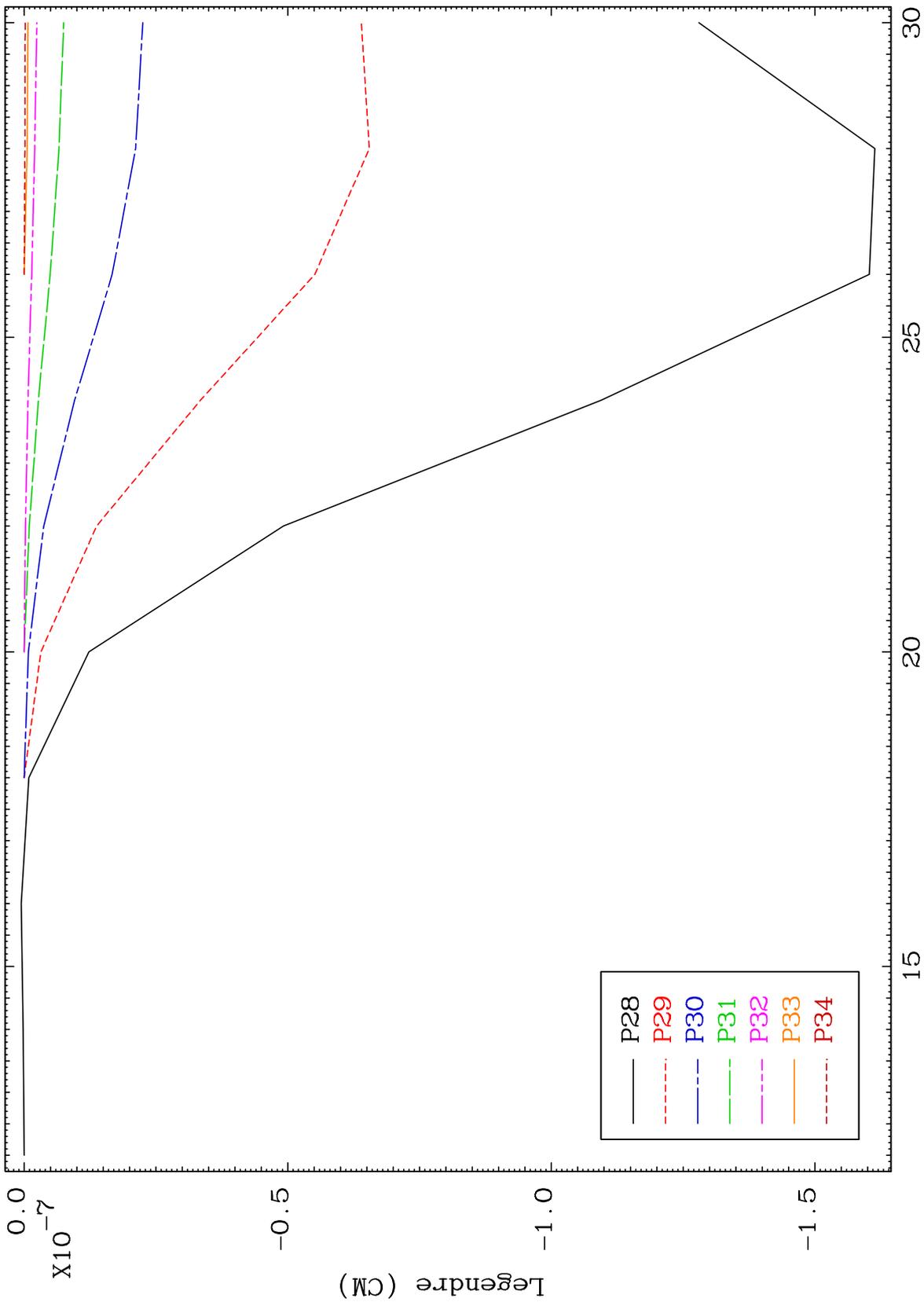
Incident Energy (MeV)

37-Rb-82

MAT 3716

37-Rb-82

Elastic Legendre Coefficients



19

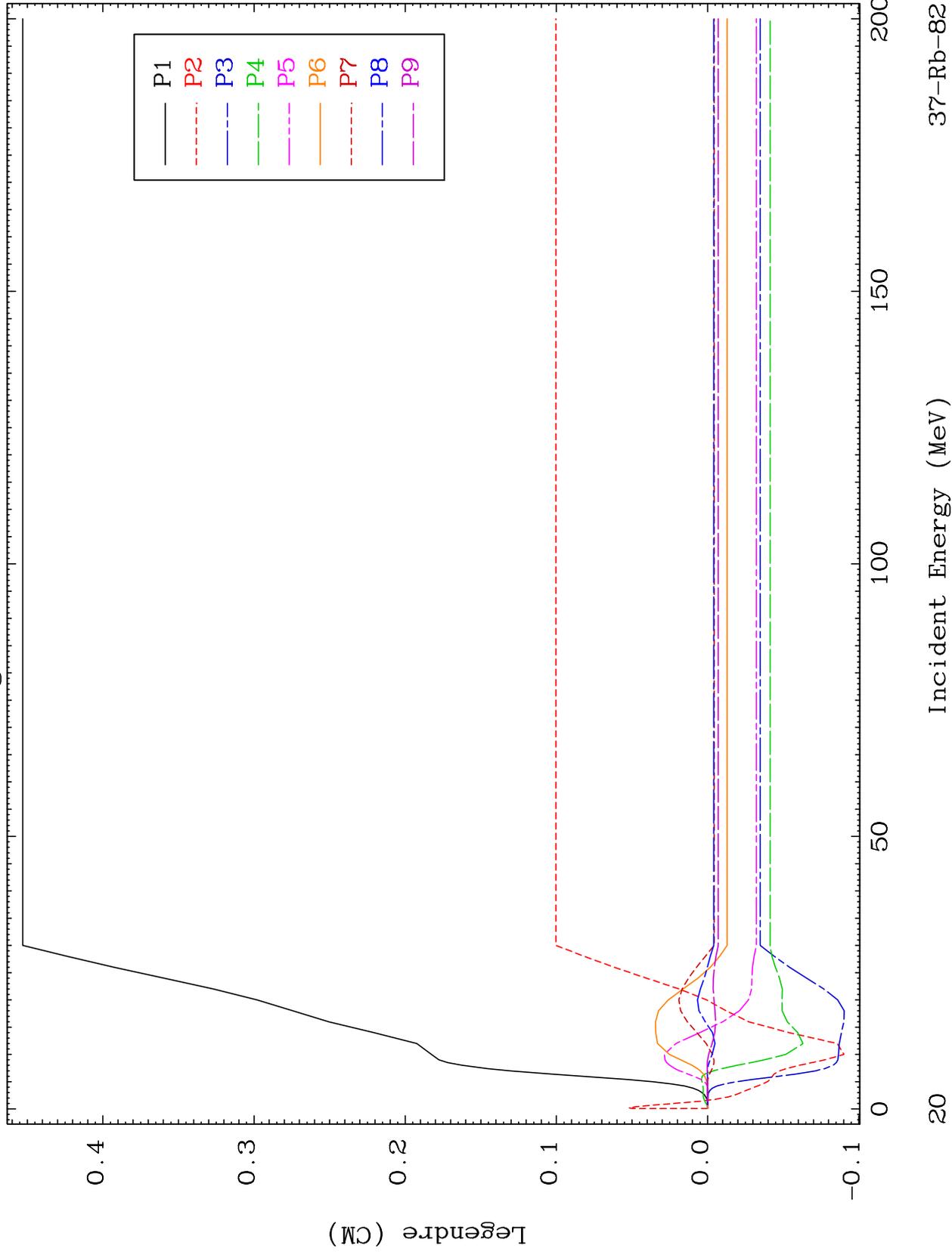
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

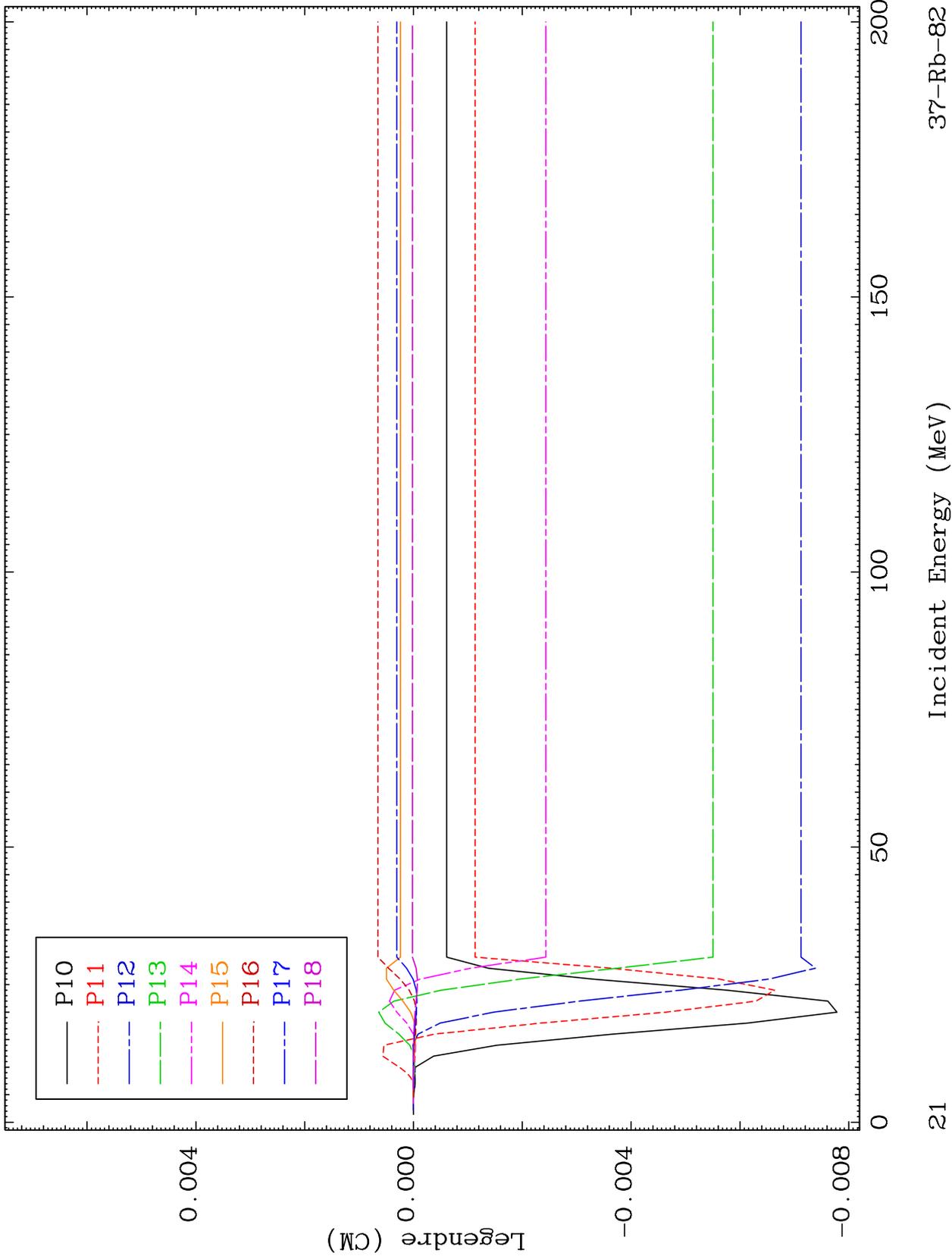
37-Rb-82



MAT 3716

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

37-Rb-82



21

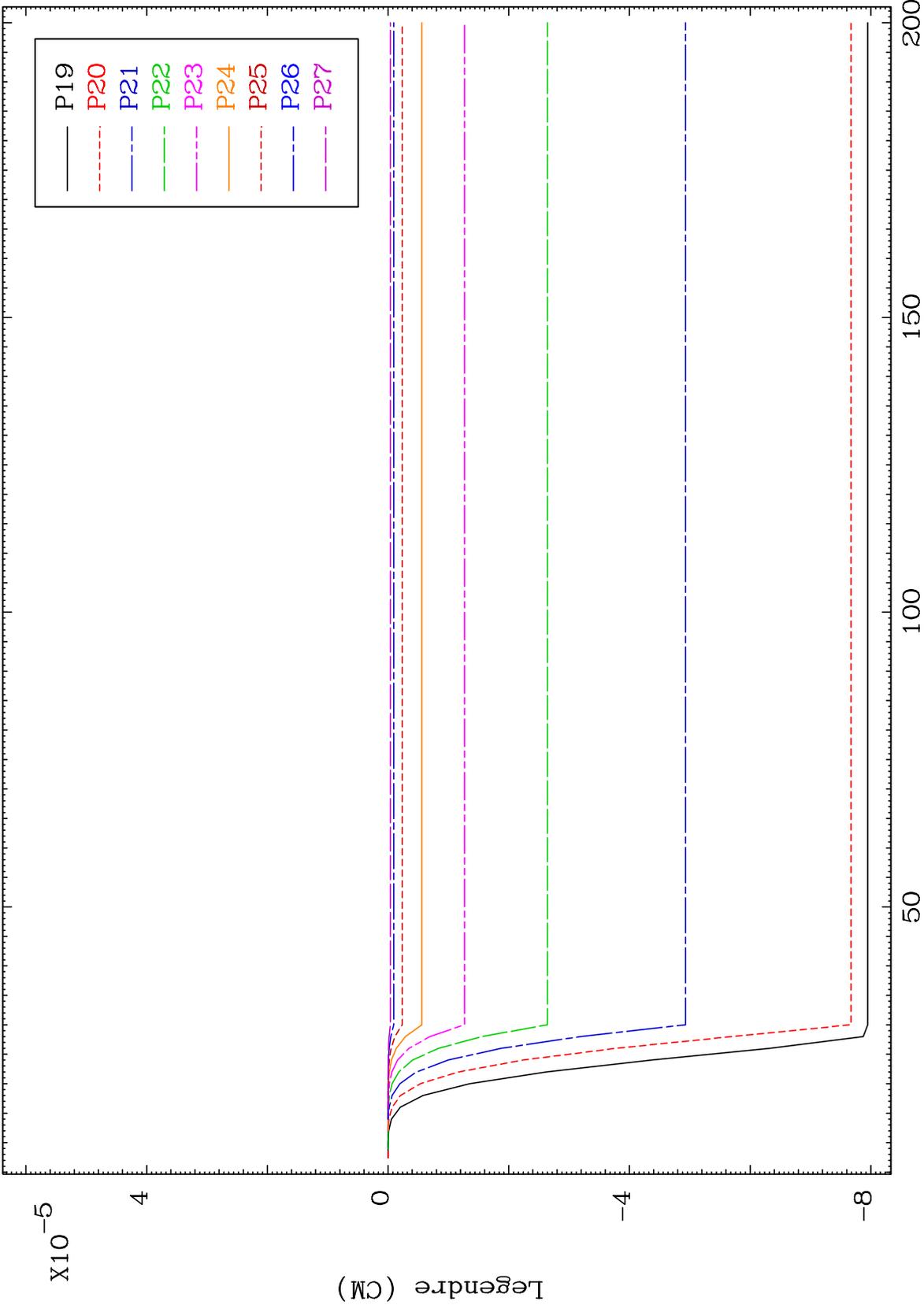
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



22

Incident Energy (MeV)

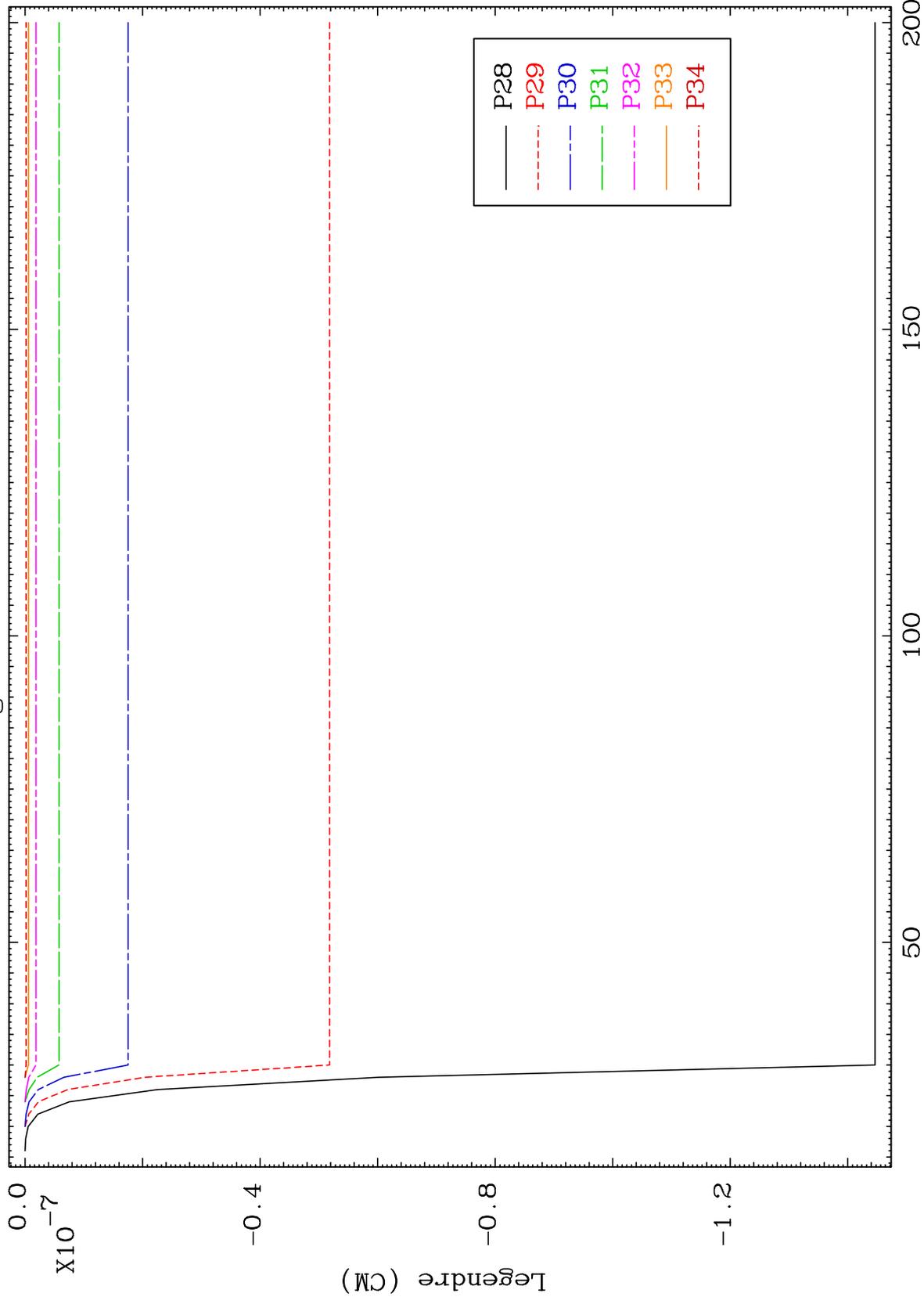
37-Rb-82

MAT 3716

MT= 51 (n,n') Level

37-Rb-82

Legendre Coefficients



23

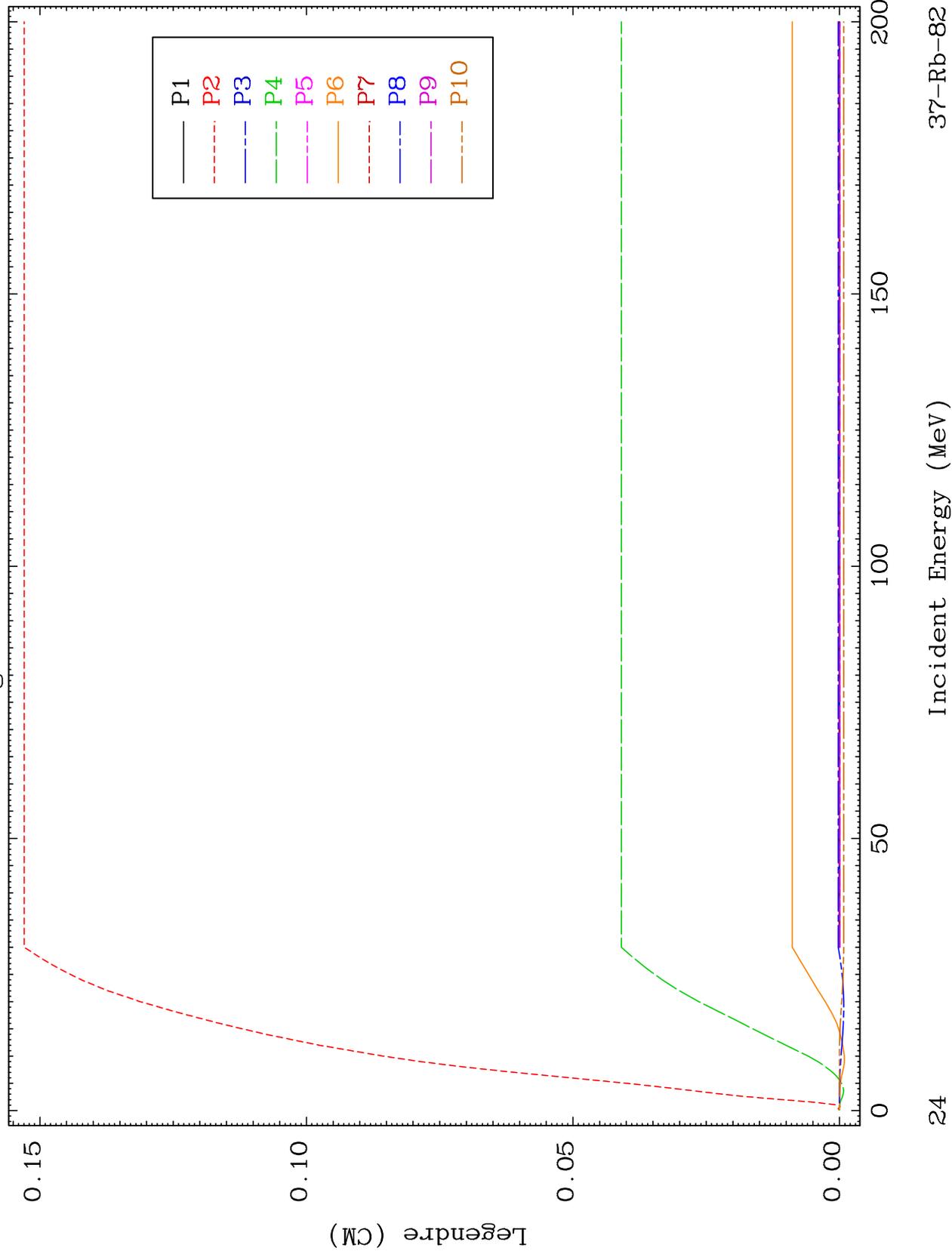
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



24

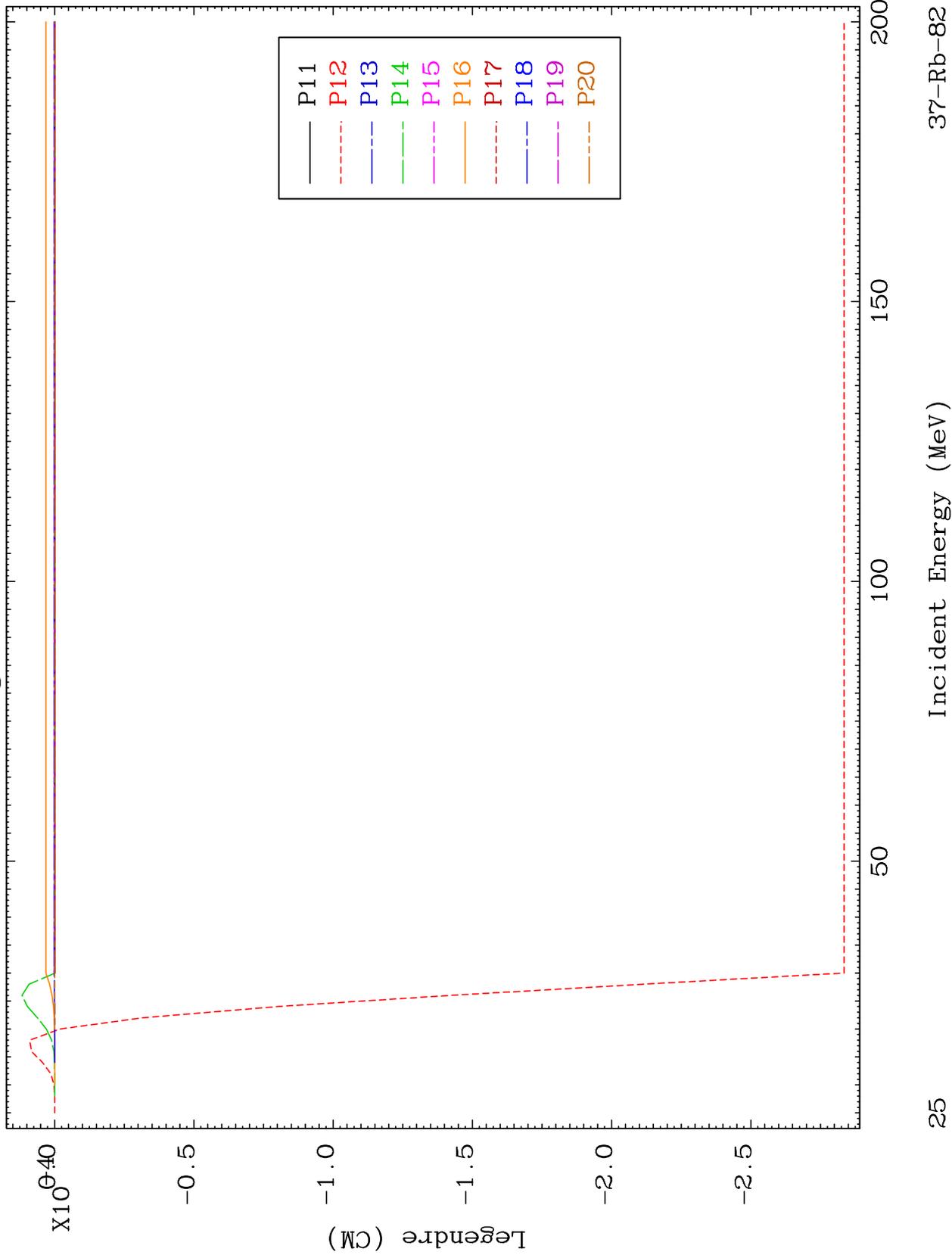
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

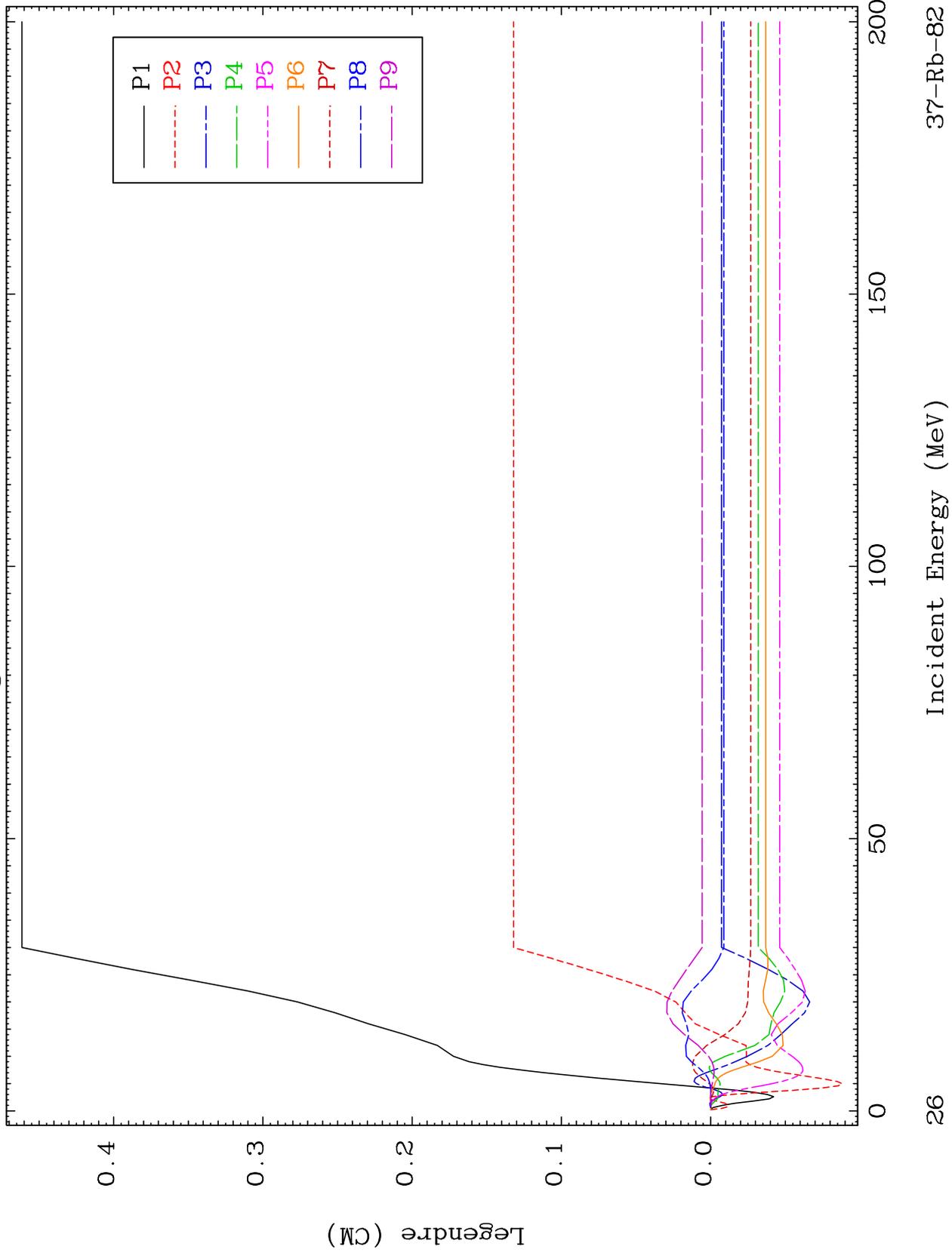
37-Rb-82



MAT 3716

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

37-Rb-82



37-Rb-82

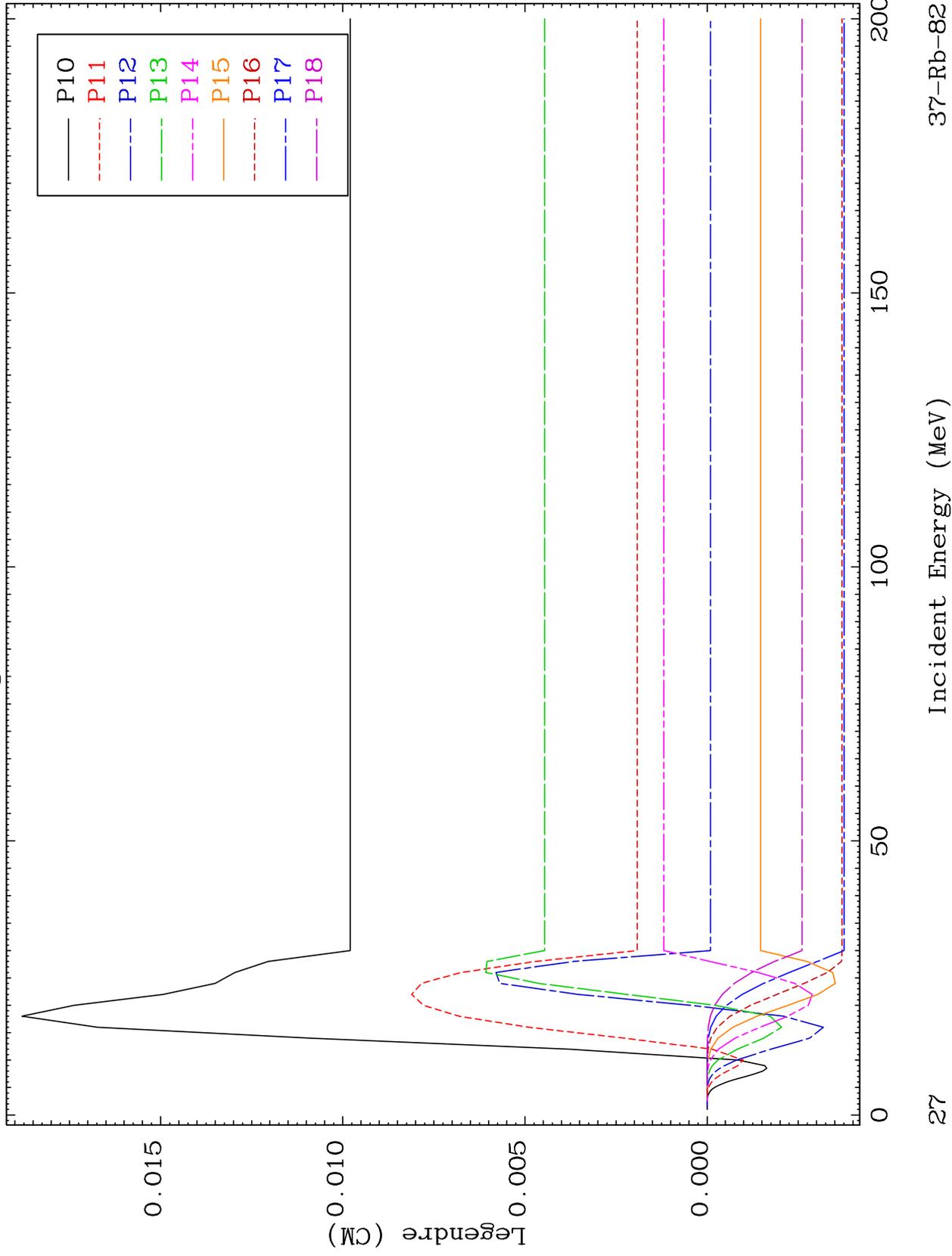
Incident Energy (MeV)

26

MAT 3716

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

37-Rb-82



27

Incident Energy (MeV)

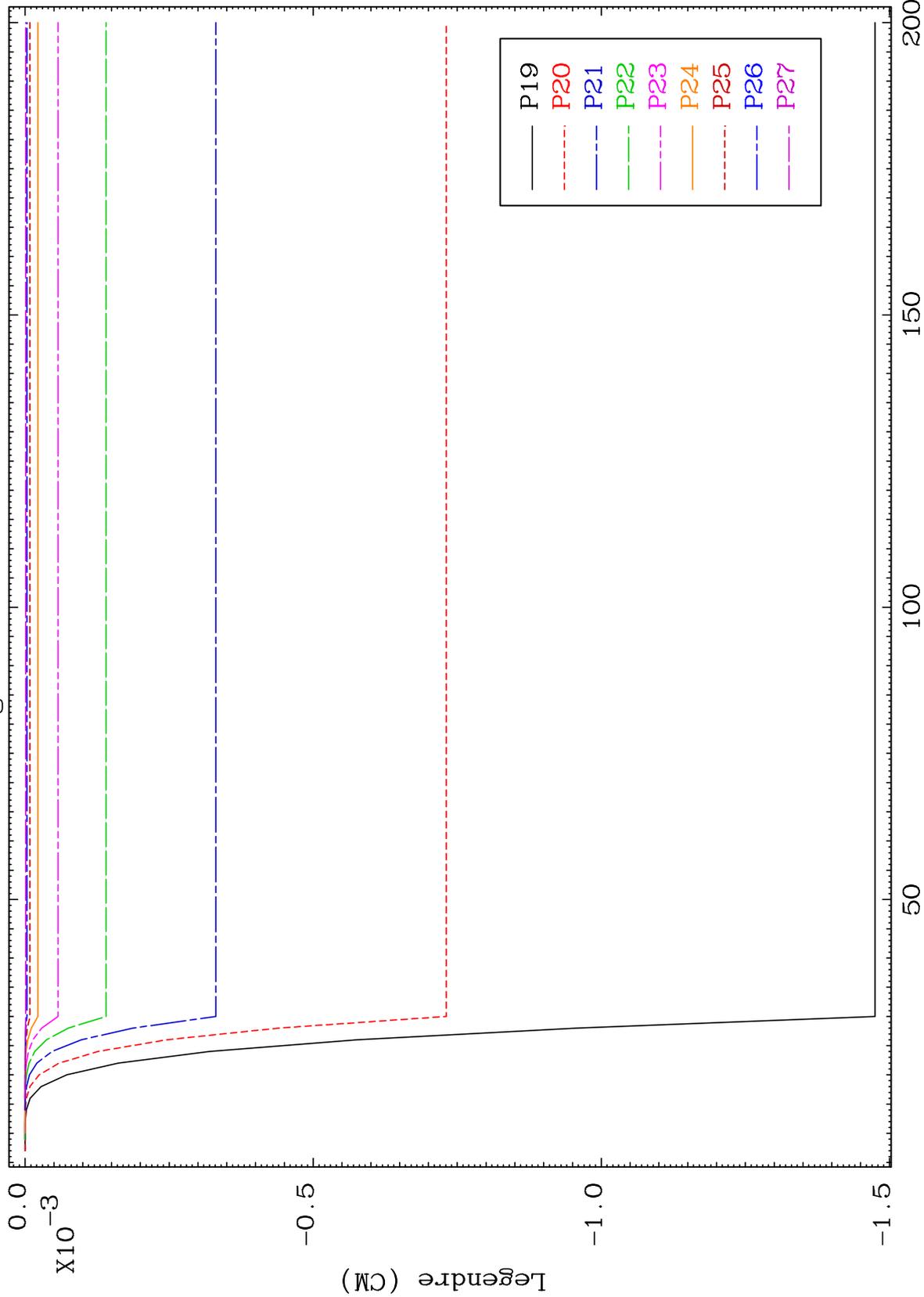
37-Rb-82

MAT 3716

MT= 53 (n,n') Level

37-Rb-82

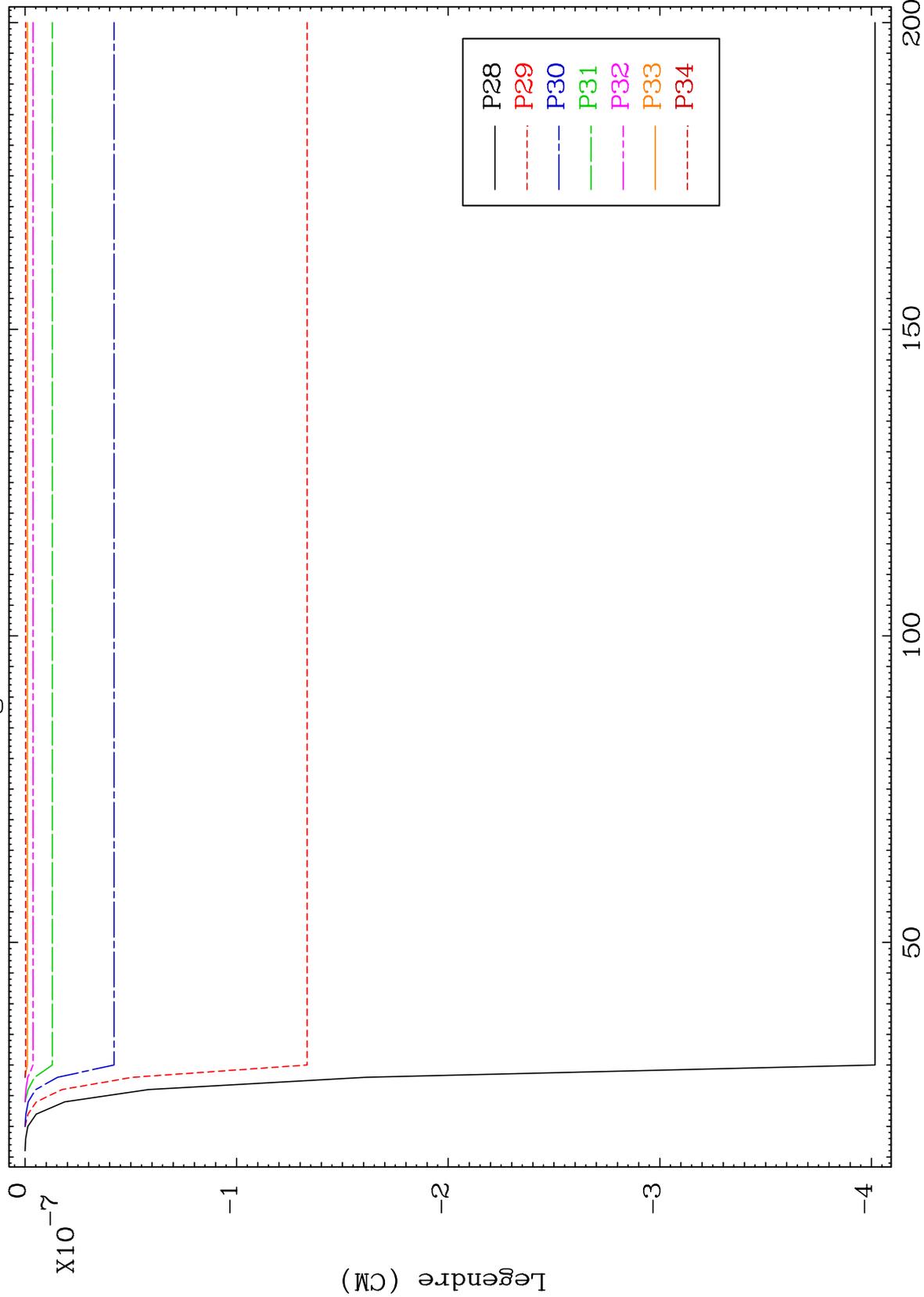
Legendre Coefficients



MAT 3716

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

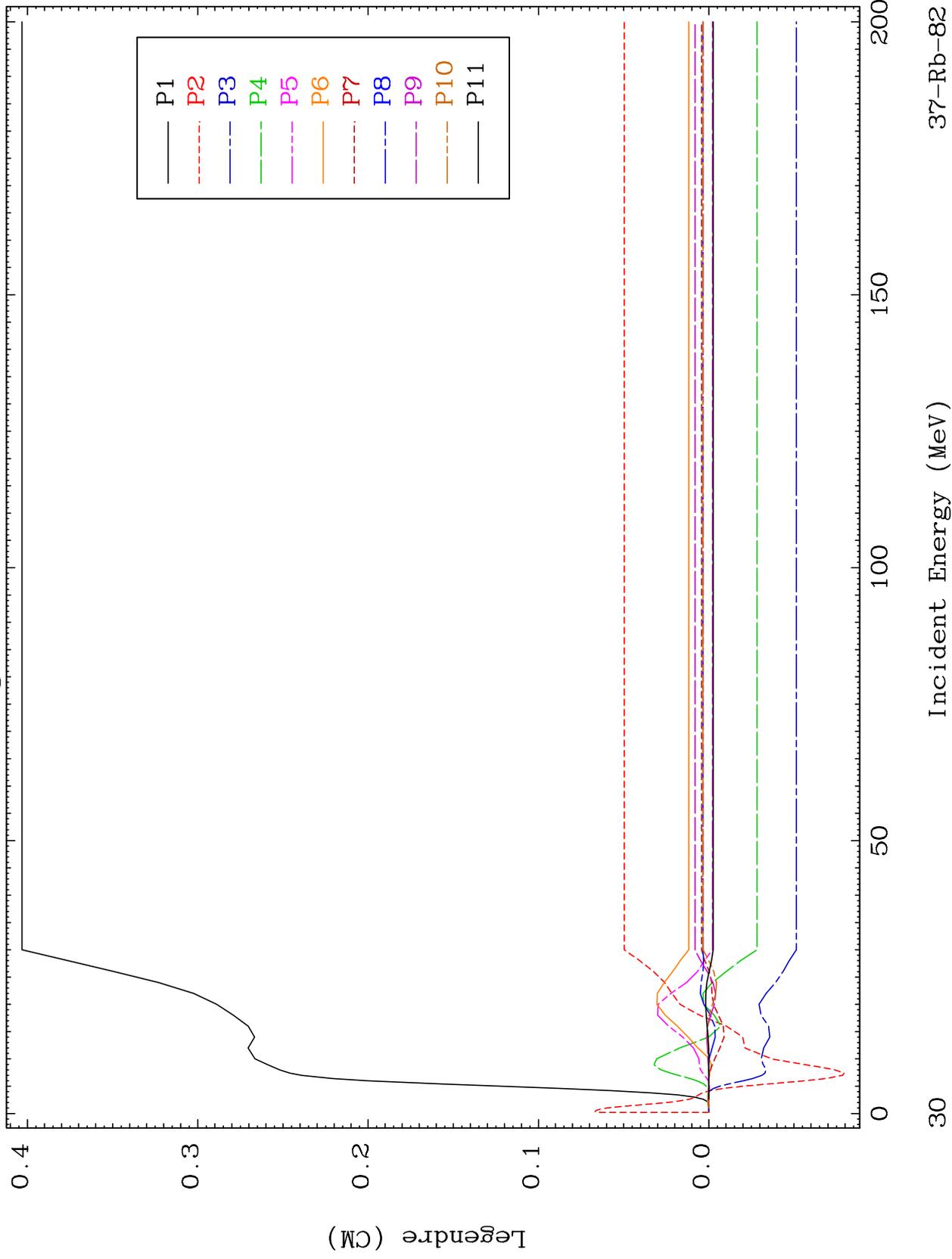
37-Rb-82



MAT 3716

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

37-Rb-82



37-Rb-82

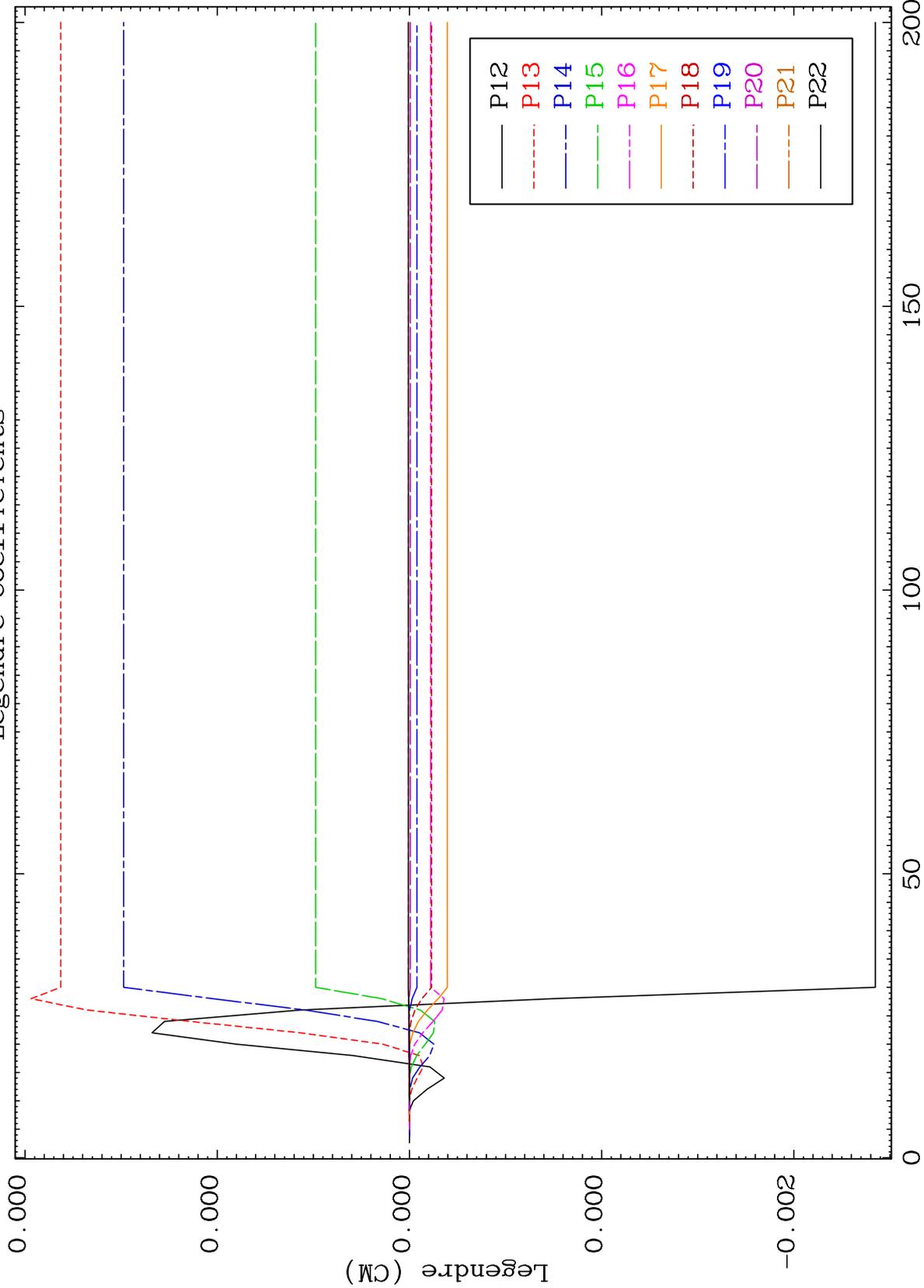
Incident Energy (MeV)

30

MAT 3716

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

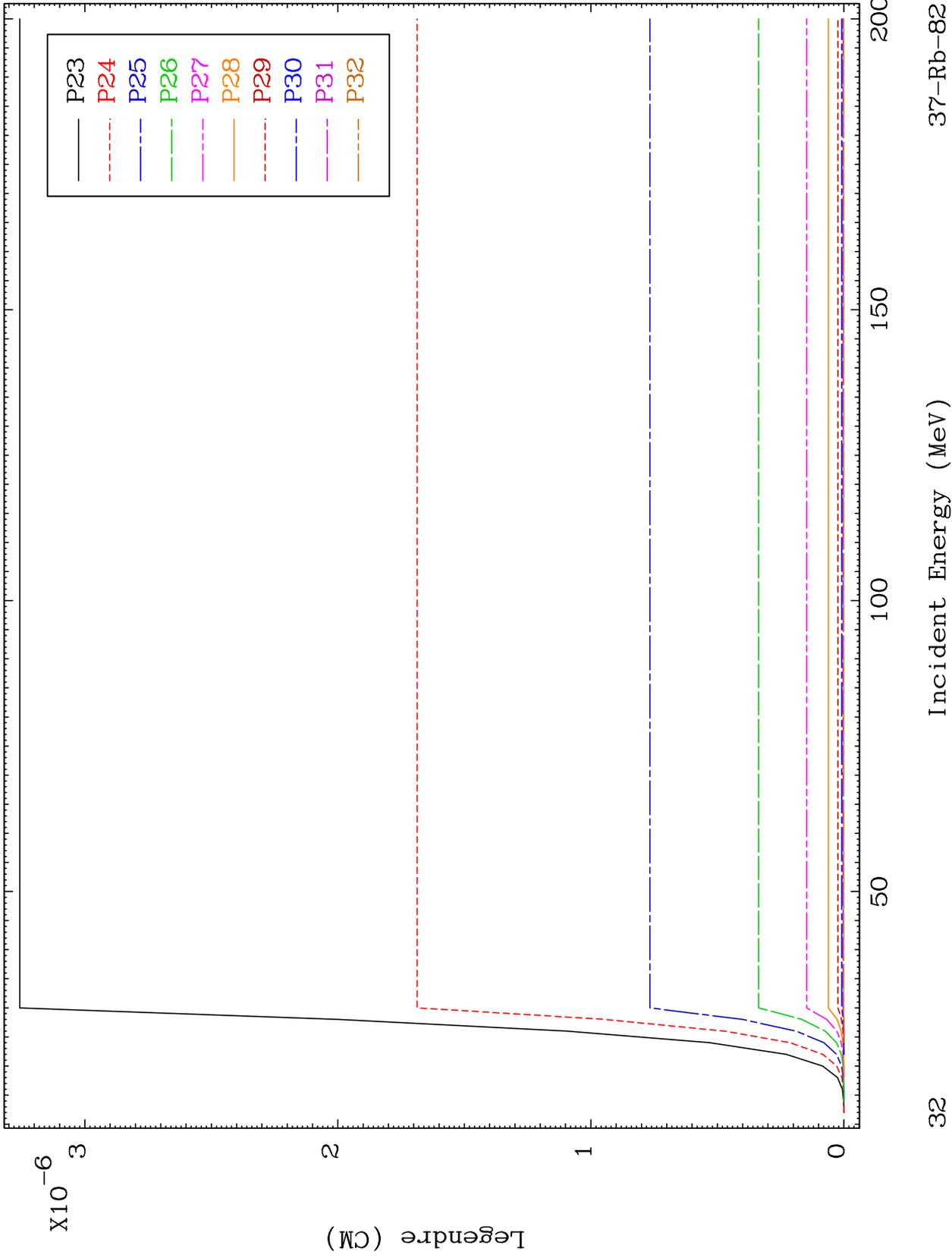
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MAT 3716

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

37-Rb-82



32

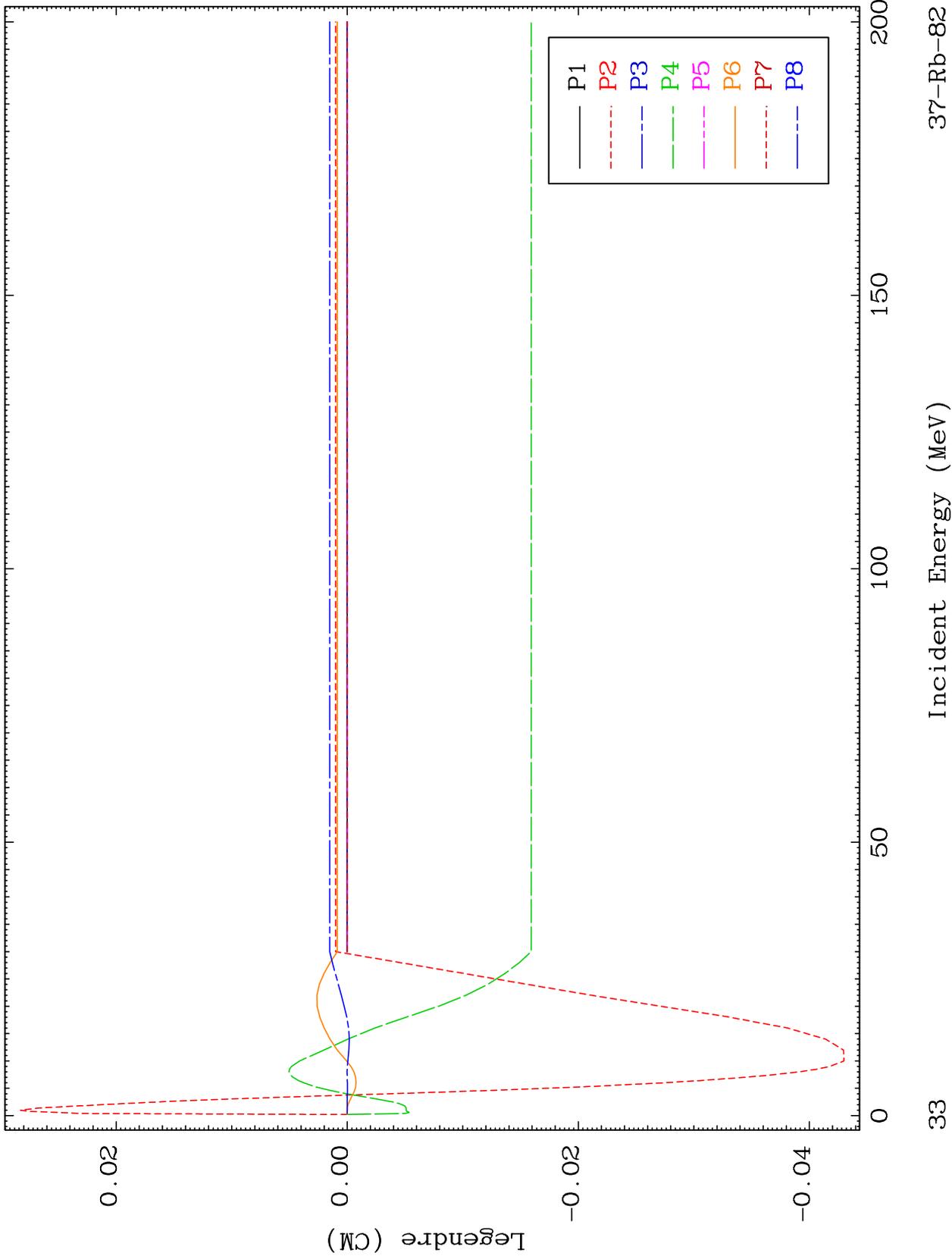
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



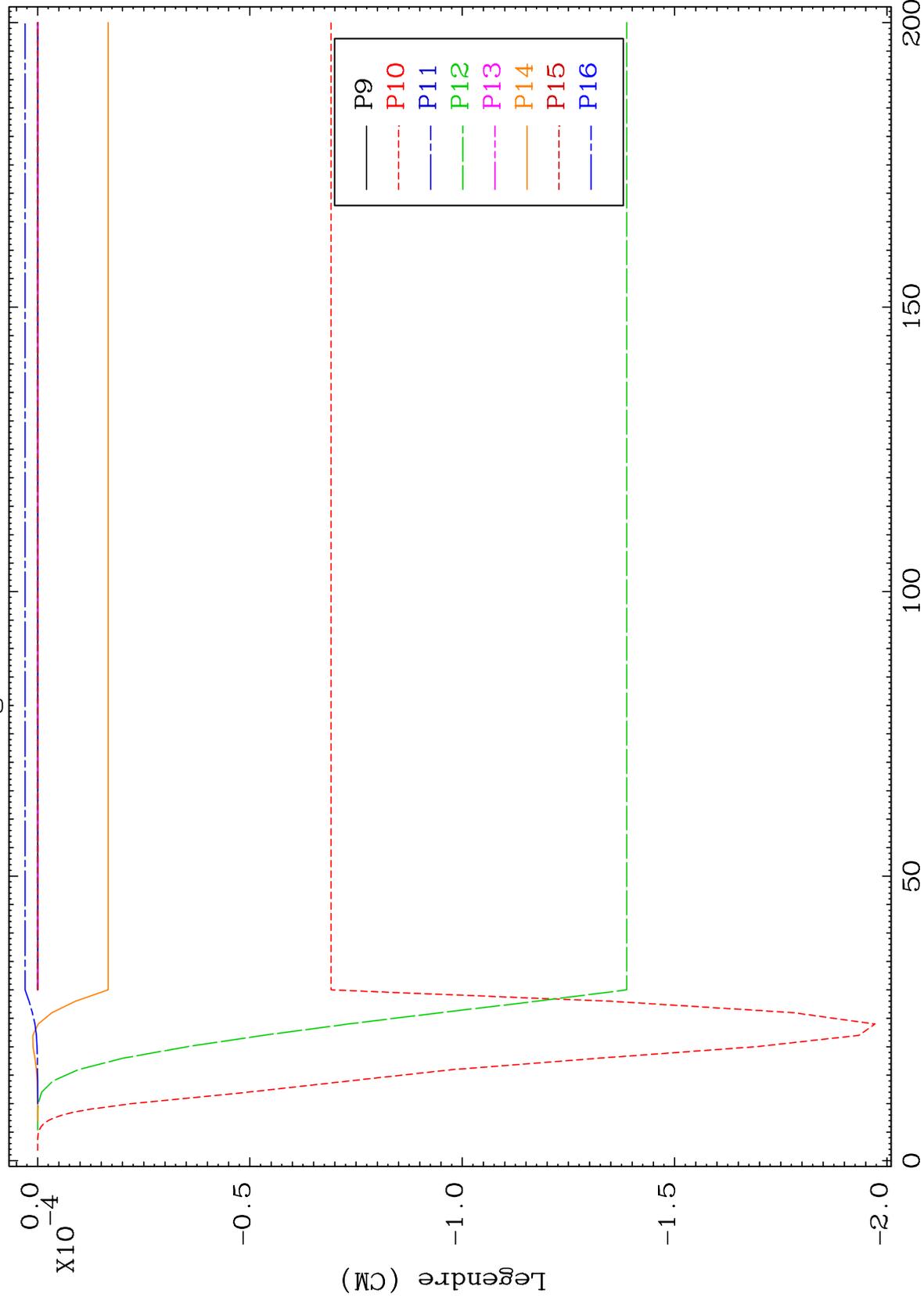
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37-Rb-82

MAT 3716

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

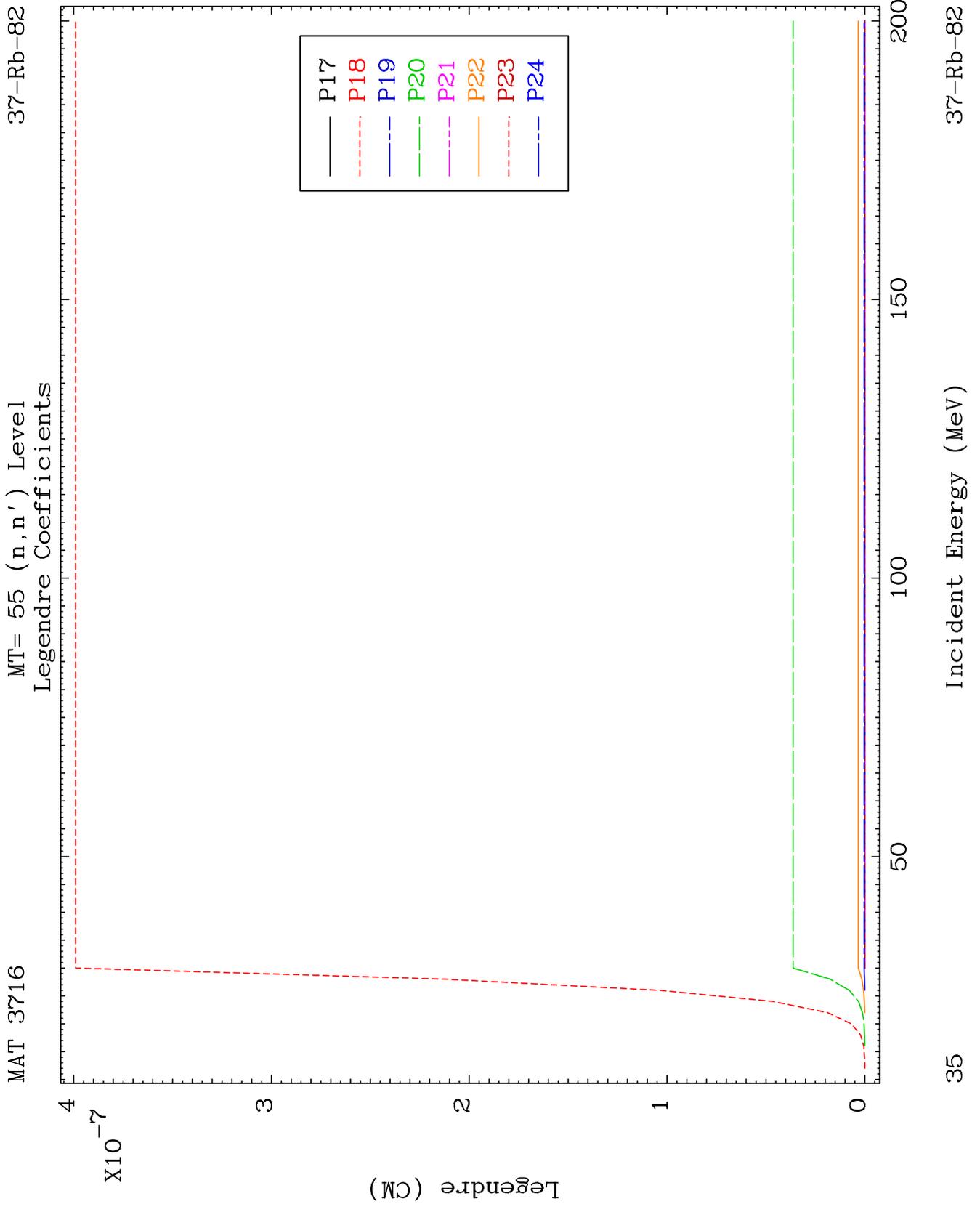
37-Rb-82



37-Rb-82

Incident Energy (MeV)

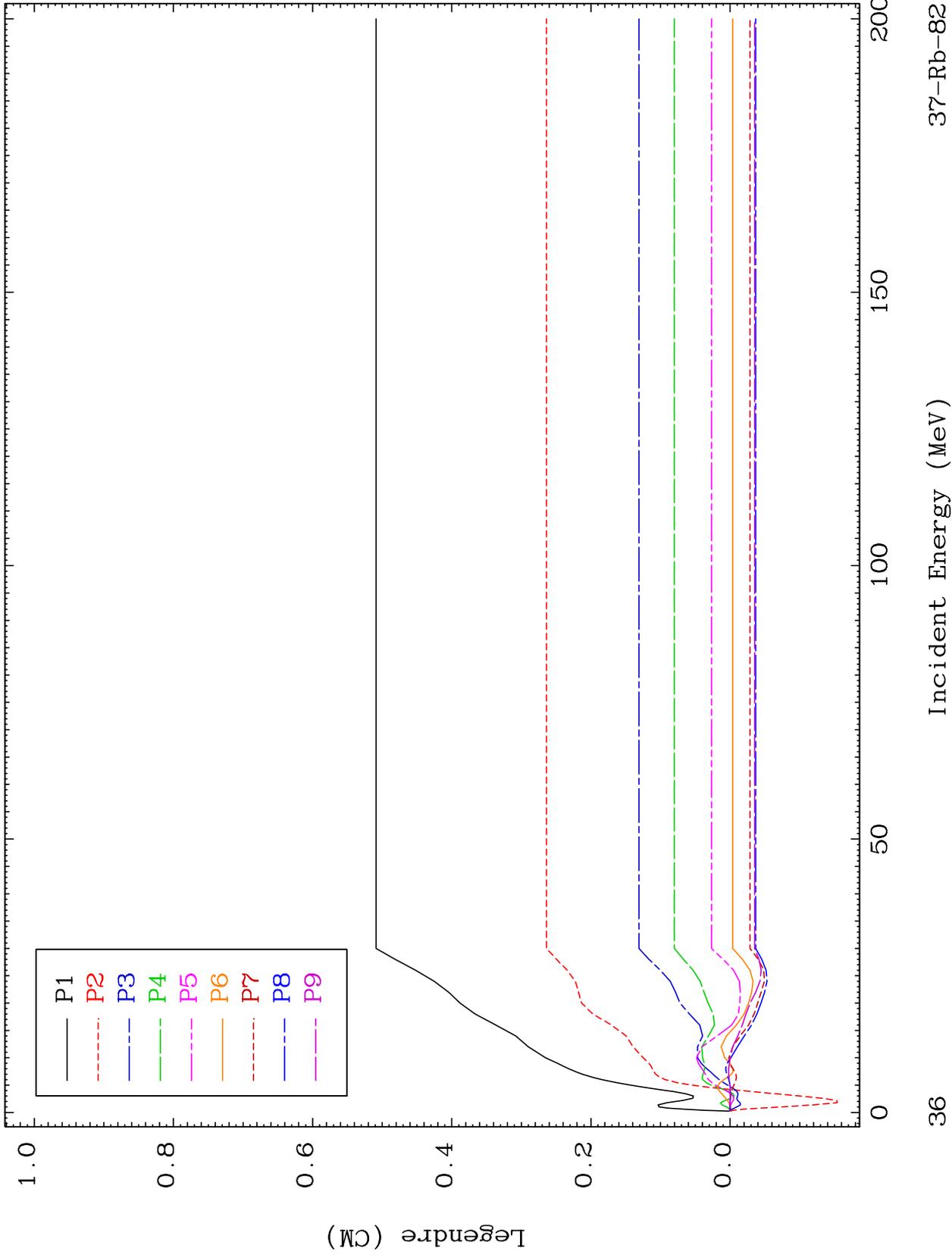
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MAT 3716

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

37-Rb-82



36

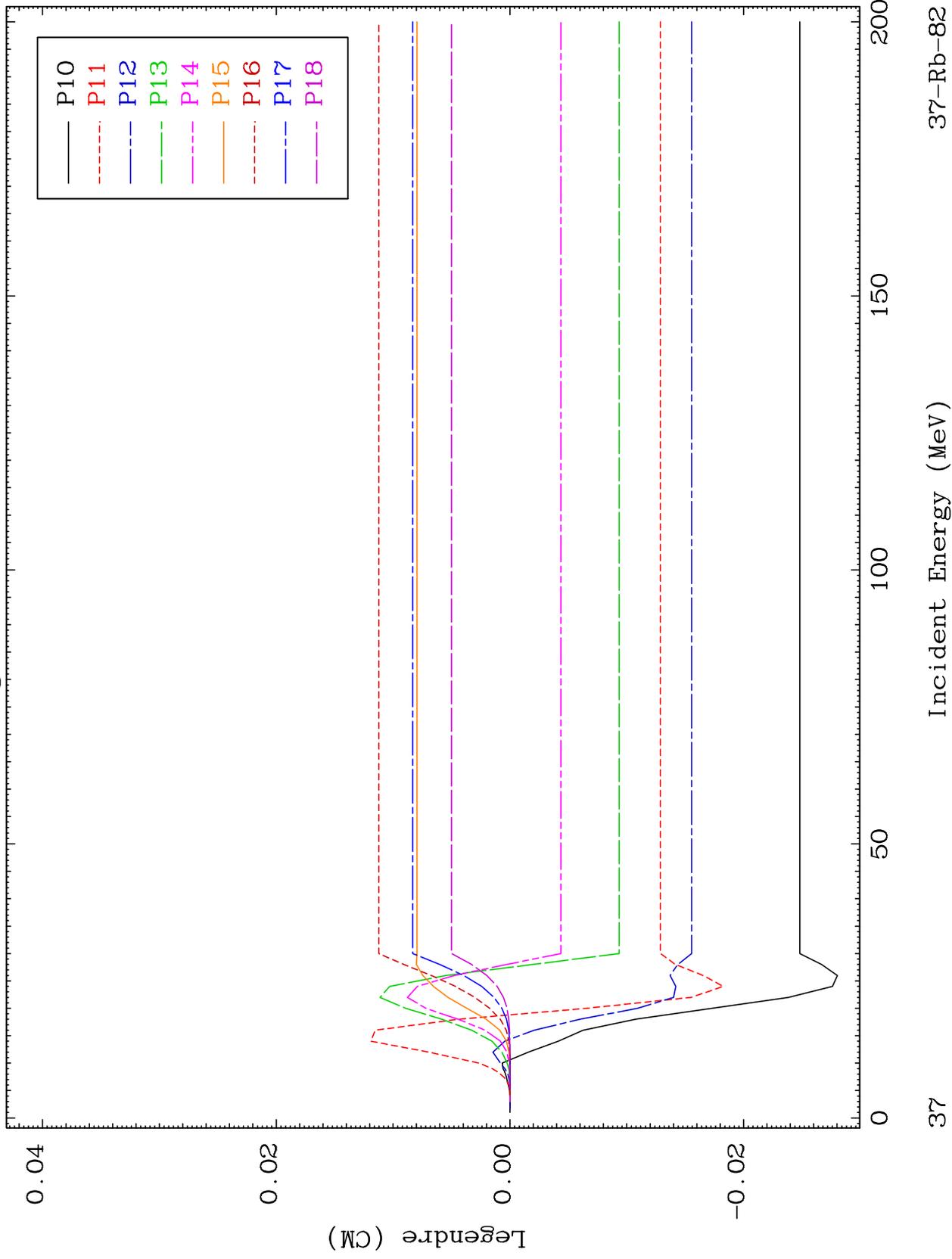
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

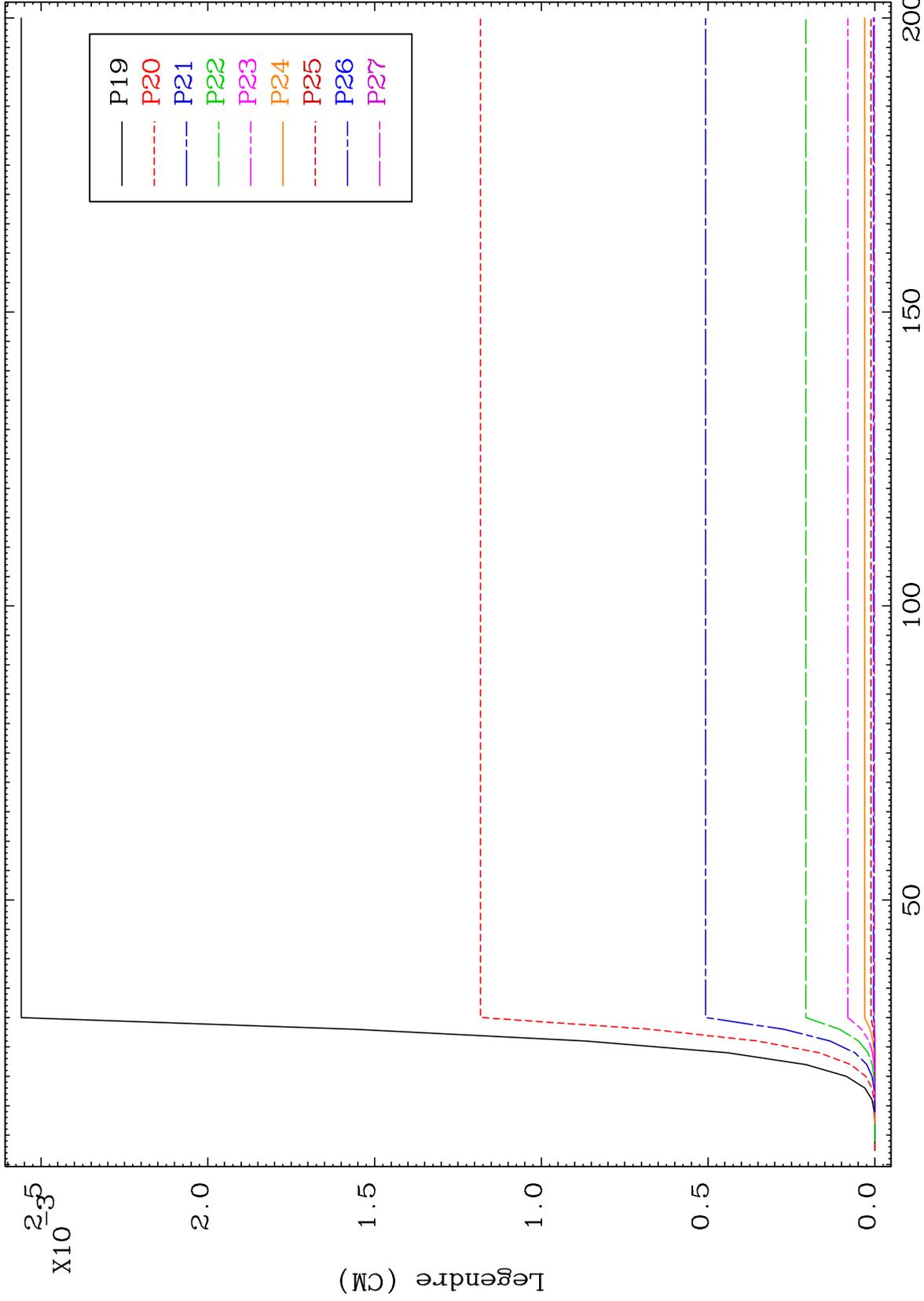
37-Rb-82



37

Incident Energy (MeV)

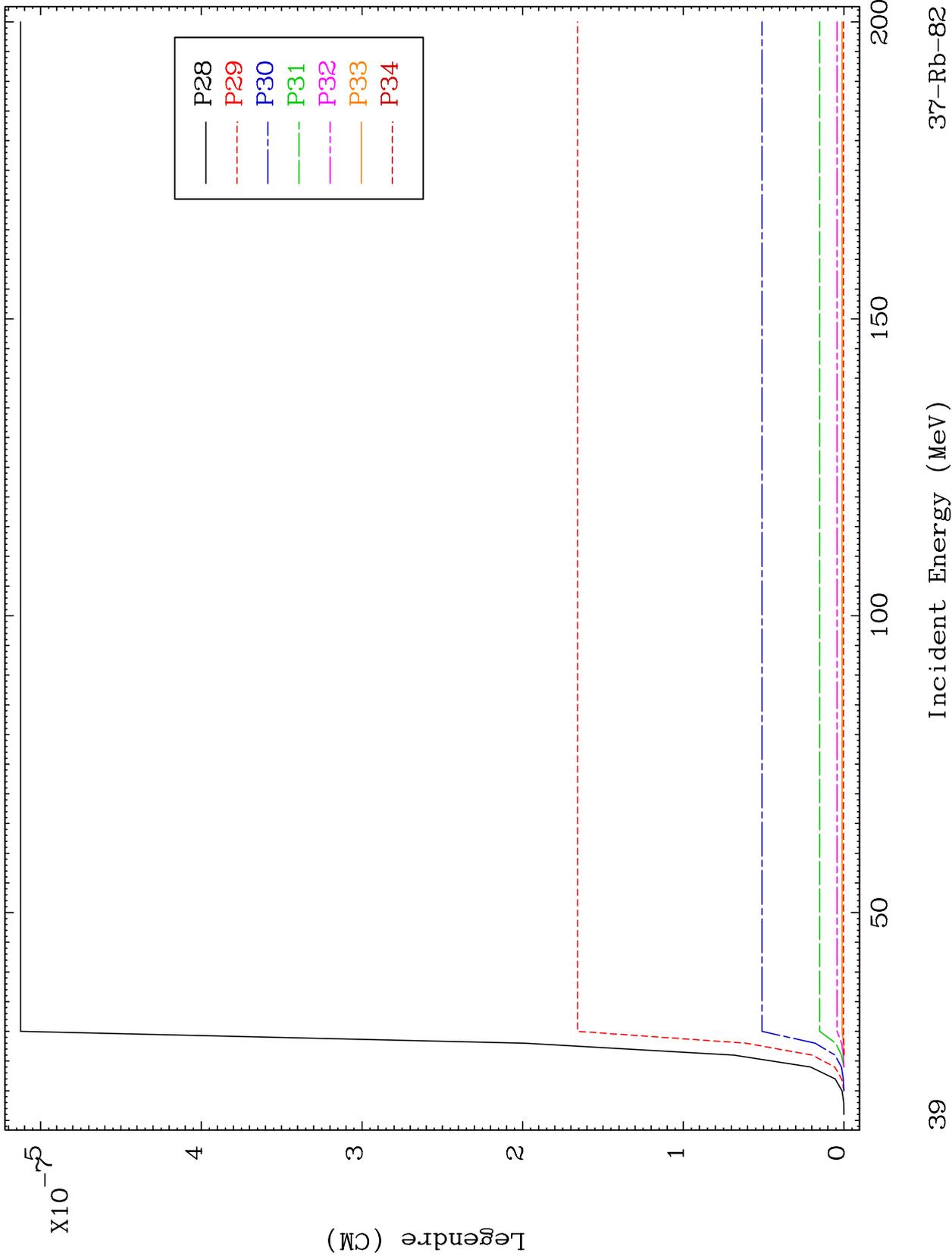
37-Rb-82



MAT 3716

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

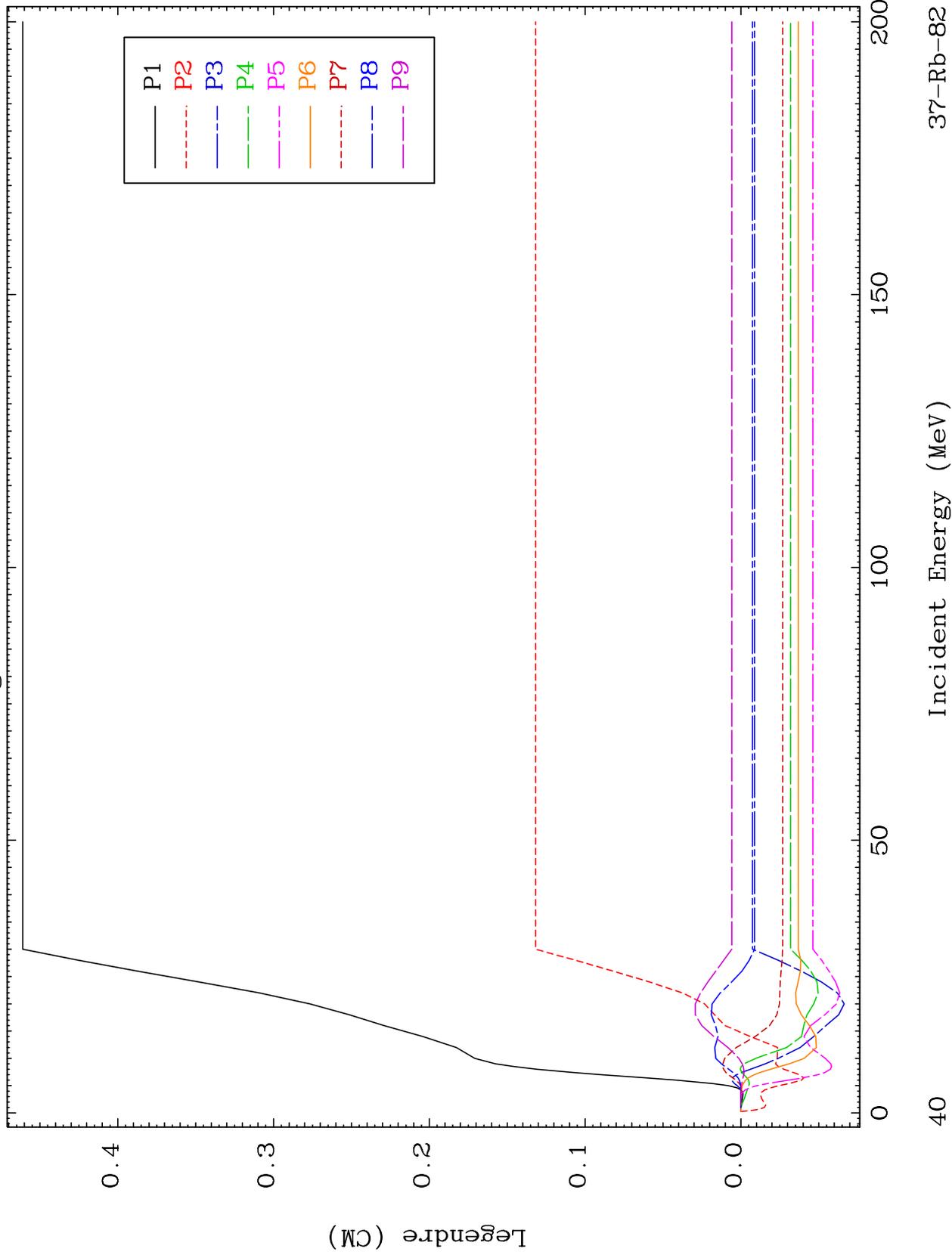
37-Rb-82



MAT 3716

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

37-Rb-82

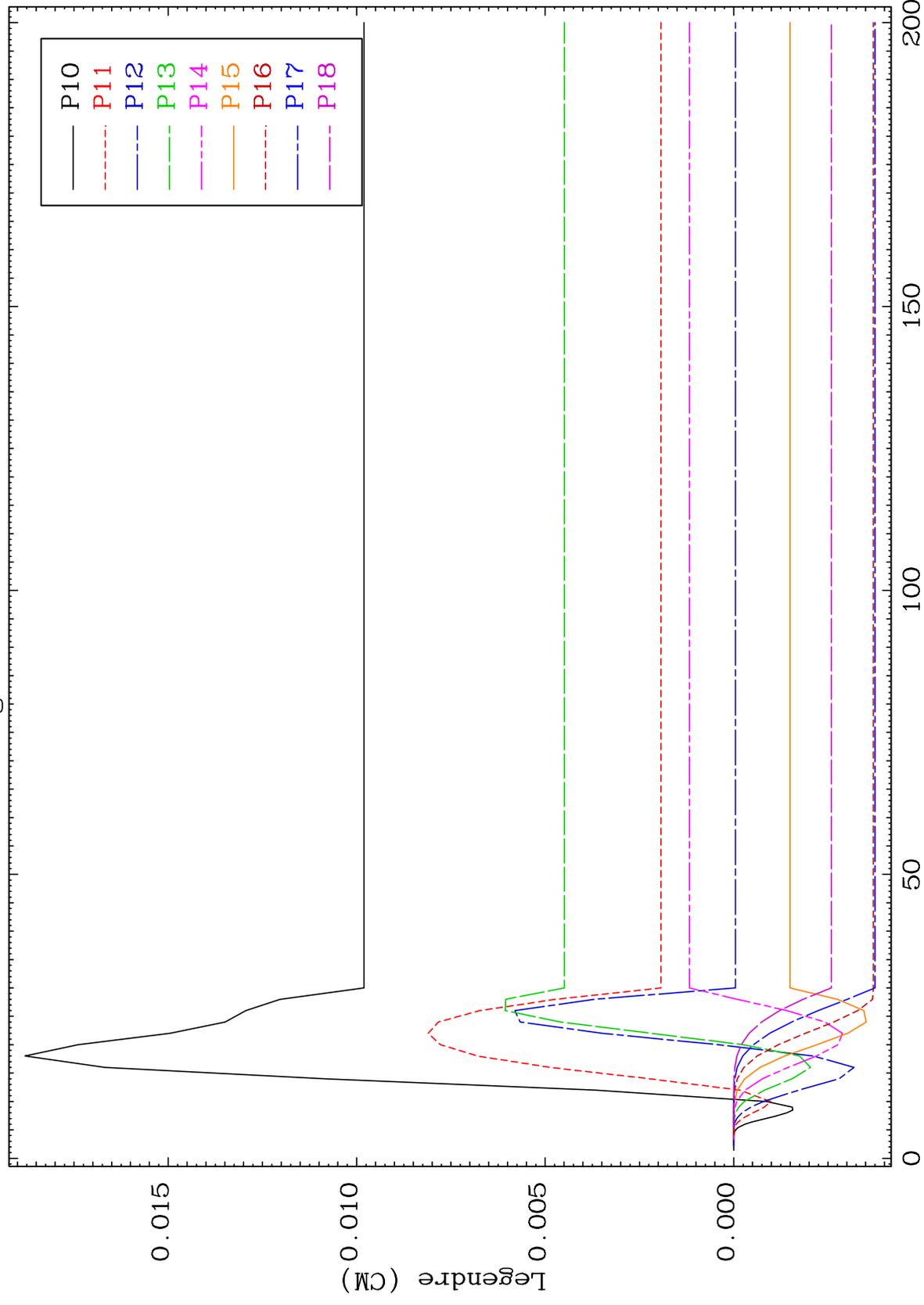


37-Rb-82

MAT 3716

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

37-Rb-82



37-Rb-82

Incident Energy (MeV)

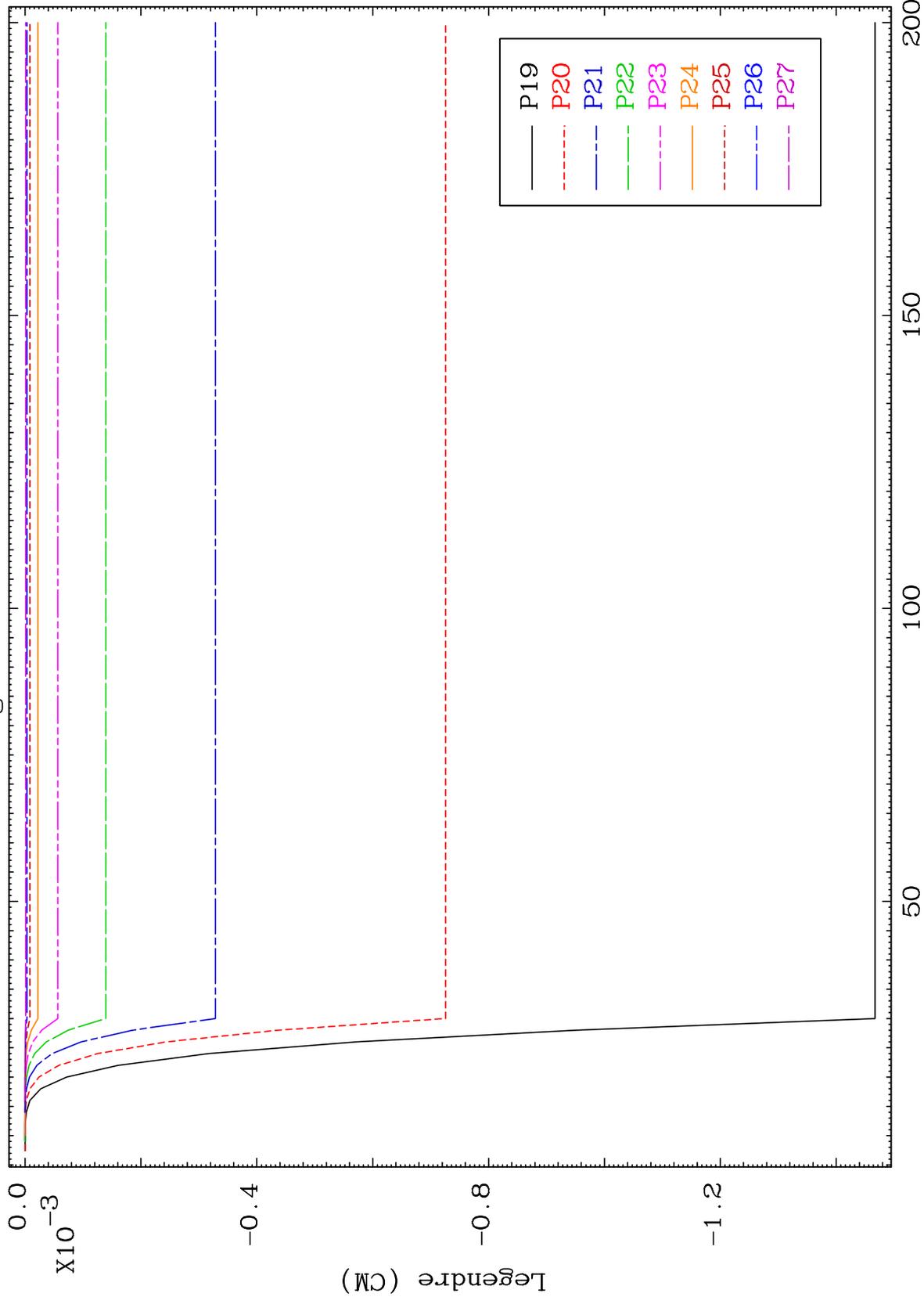
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MAT 3716

MT= 57 (n,n') Level

37-Rb-82

Legendre Coefficients



37-Rb-82

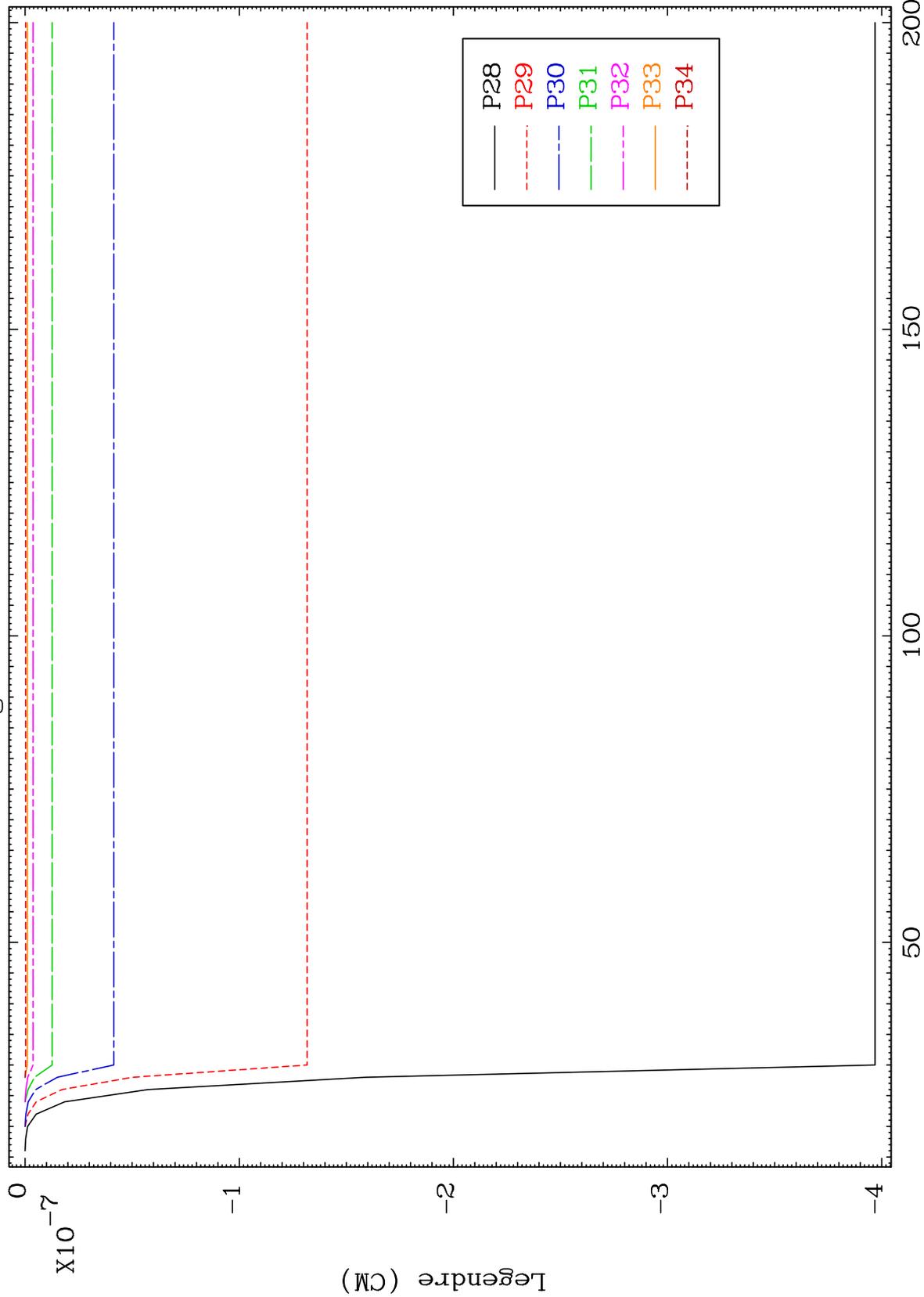
Incident Energy (MeV)

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MAT 3716

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

37-Rb-82



43

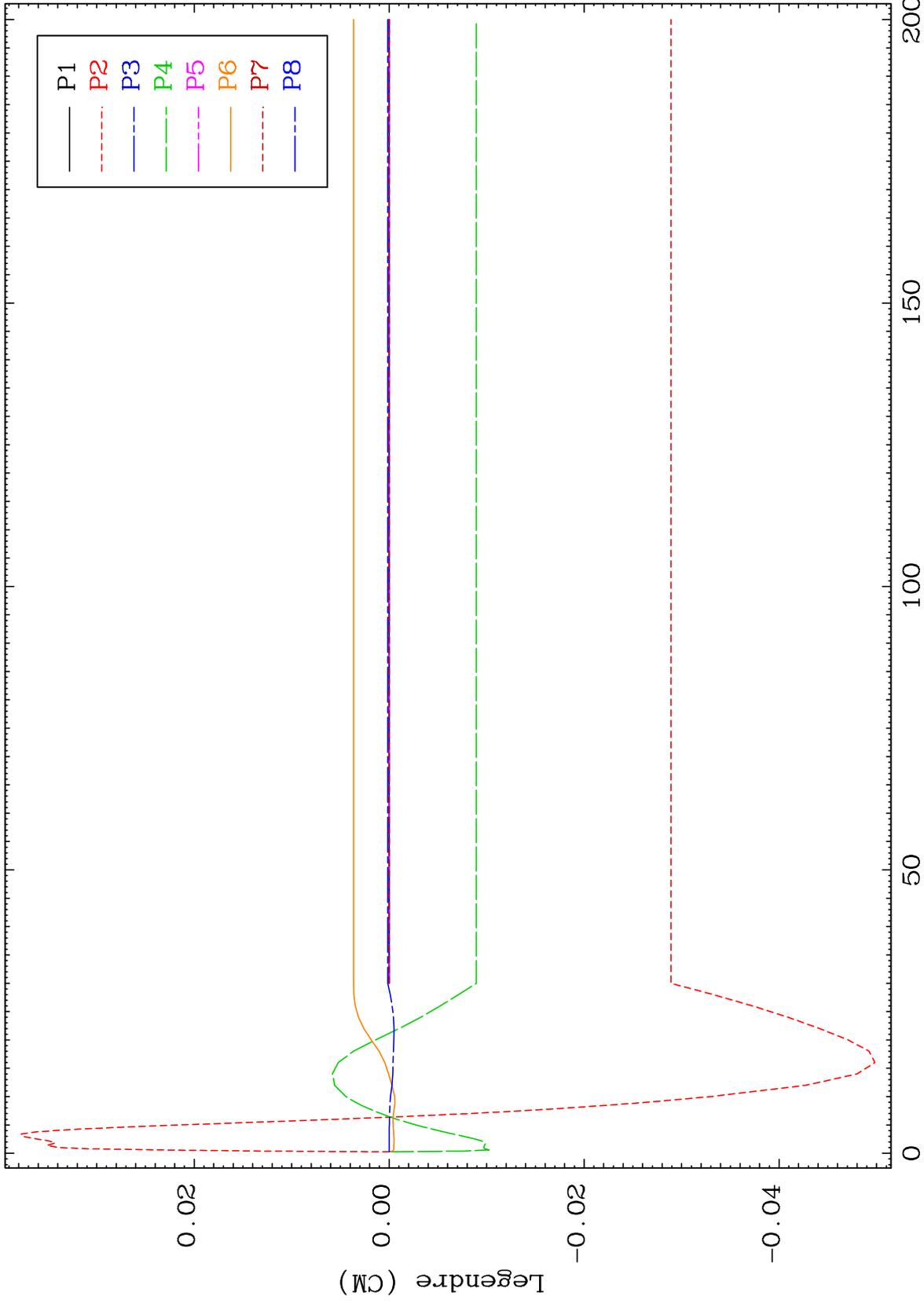
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



44

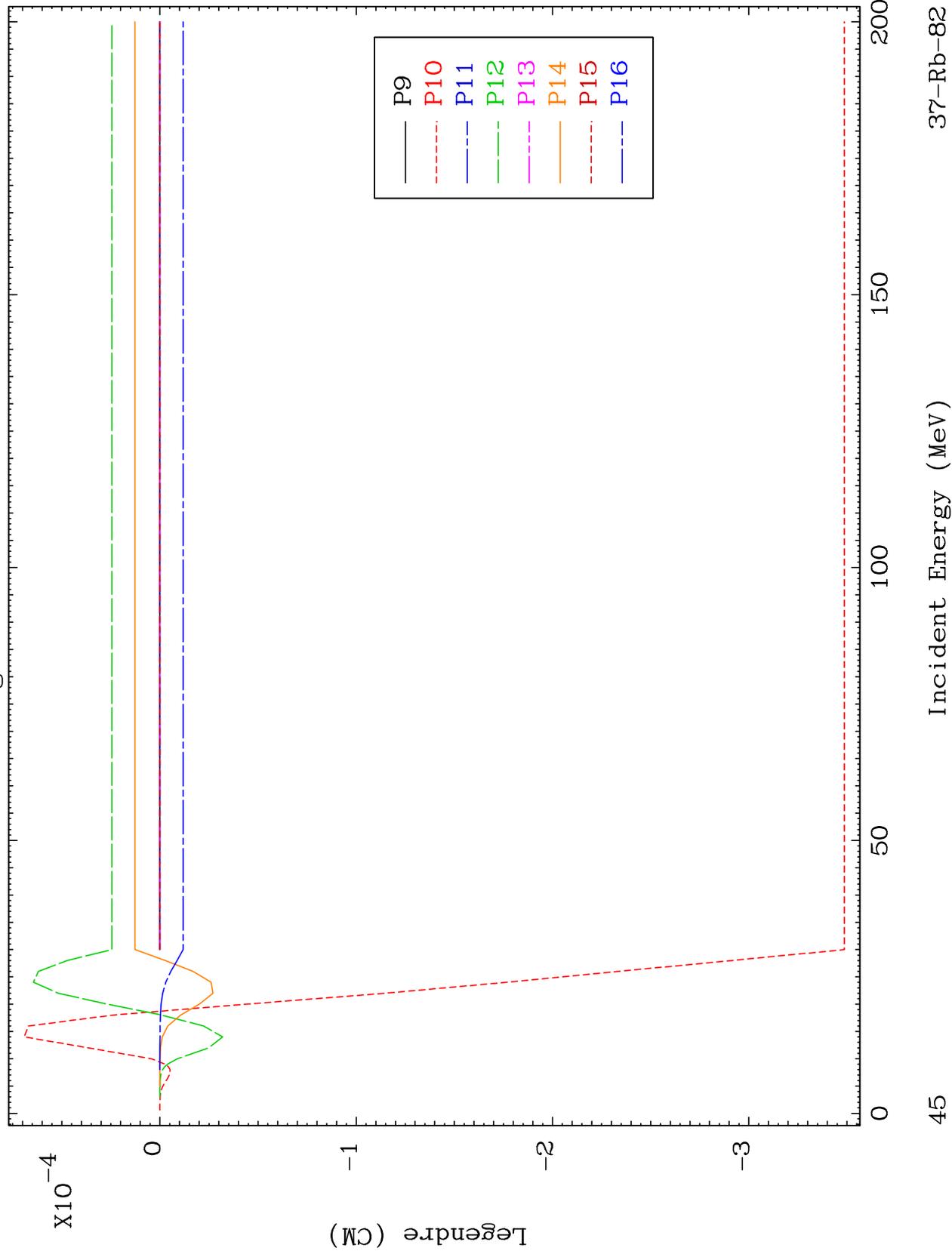
Incident Energy (MeV)

37-Rb-82

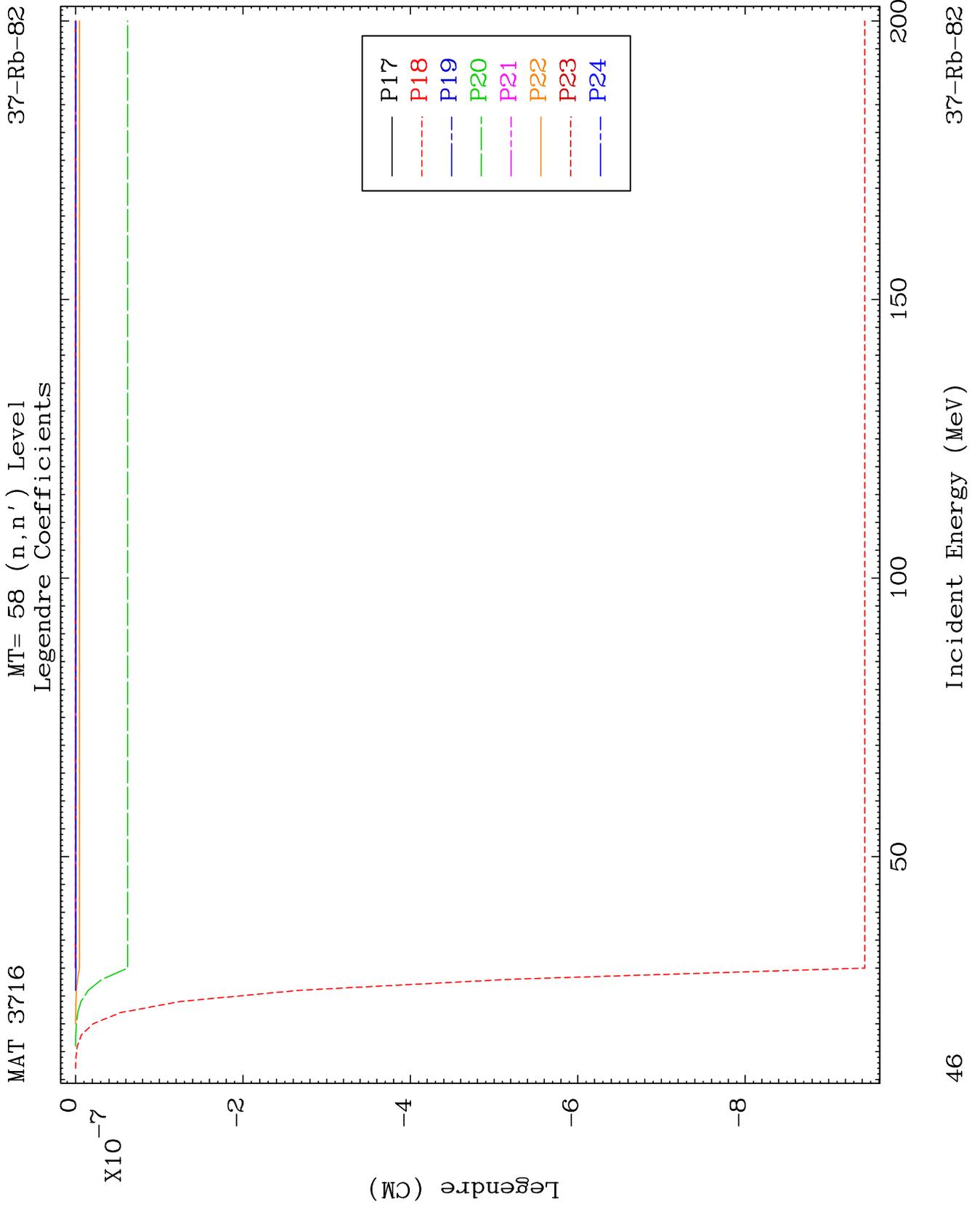
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MT= 58 (n,n') Level
Legendre Coefficients

37-Rb-82



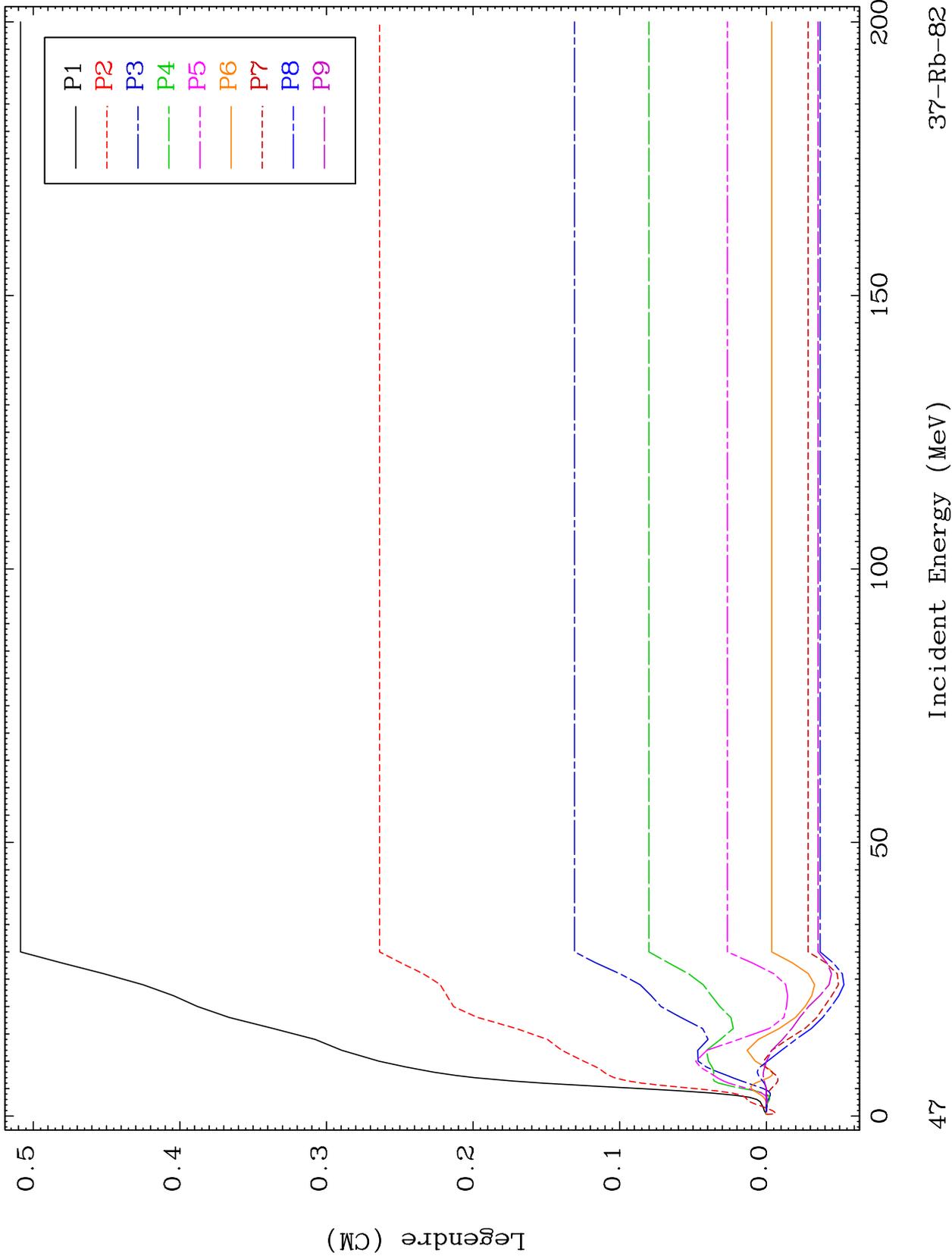
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MAT 3716

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

37-Rb-82



47

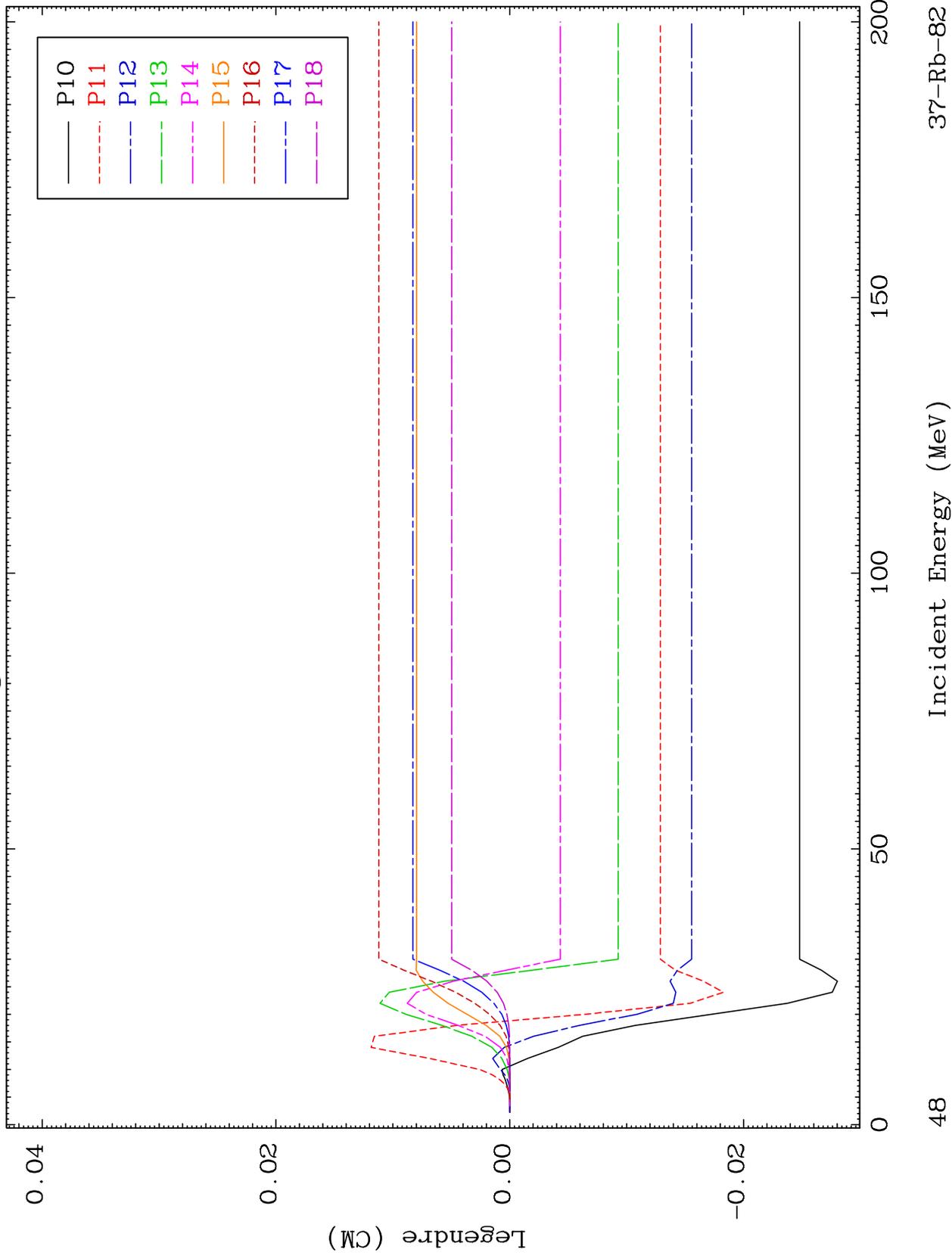
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

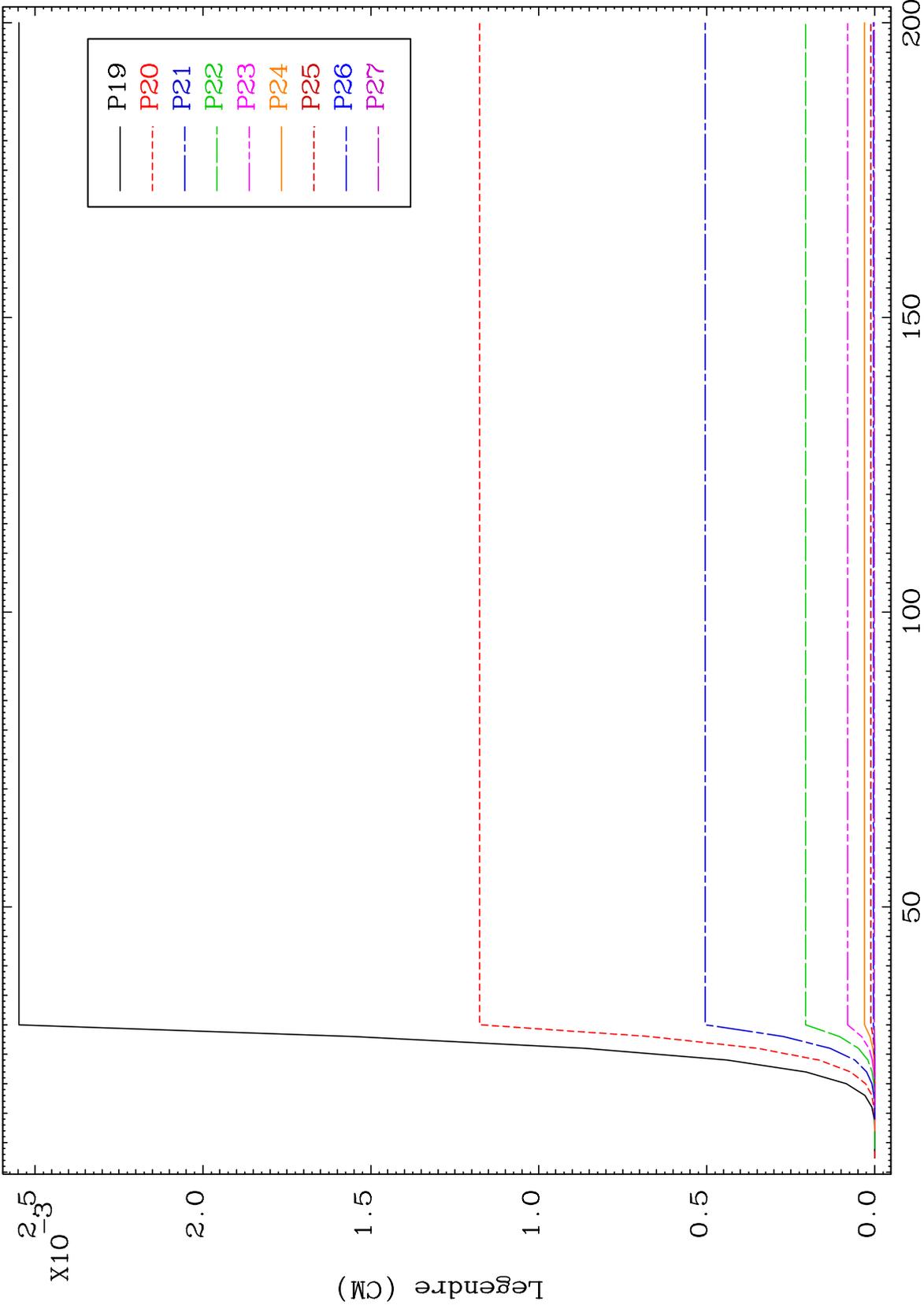
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Incident Energy (MeV)

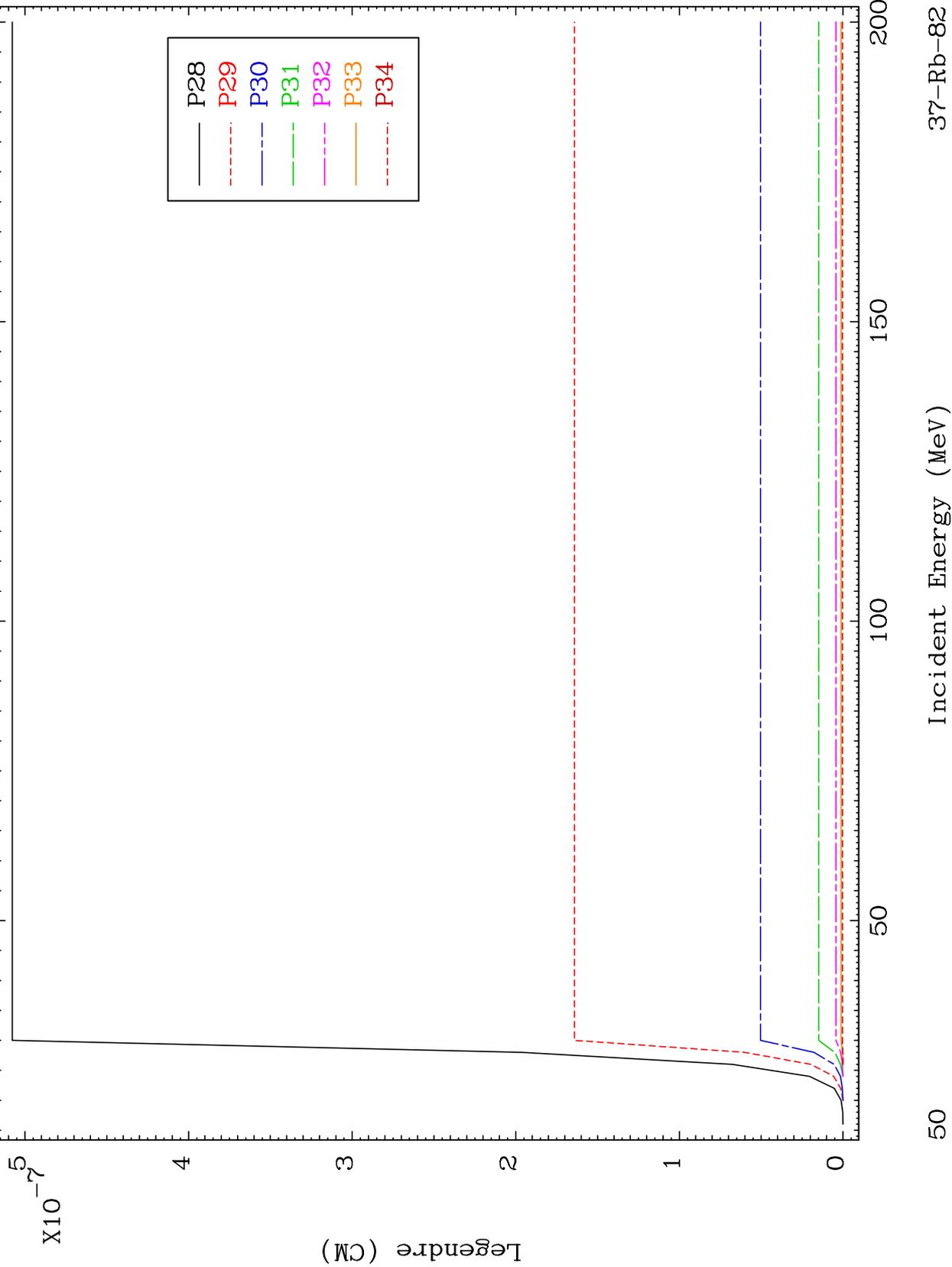
37-Rb-82



MAT 3716

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

37-Rb-82



37-Rb-82

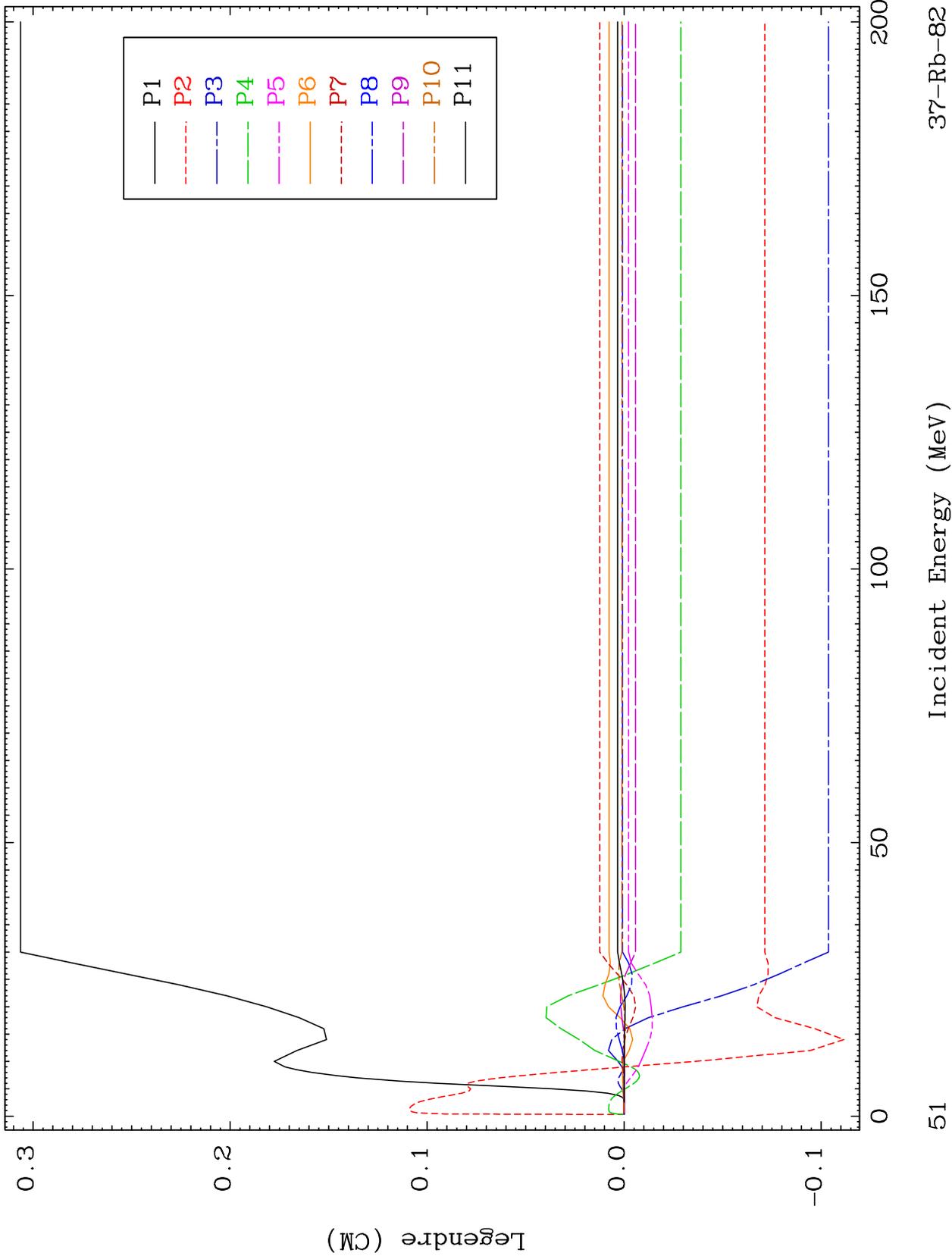
Incident Energy (MeV)

50

MAT 3716

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

37-Rb-82



51

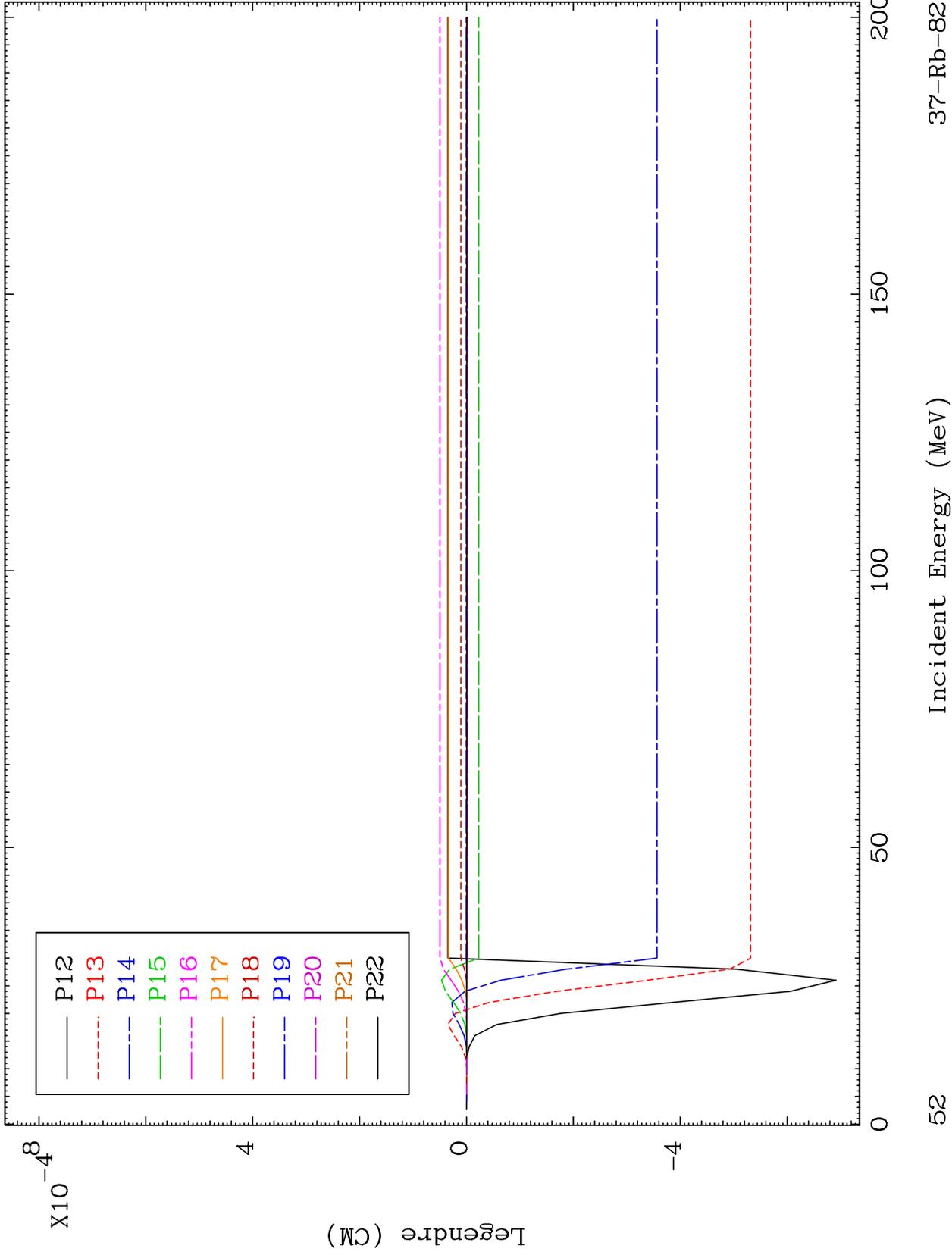
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

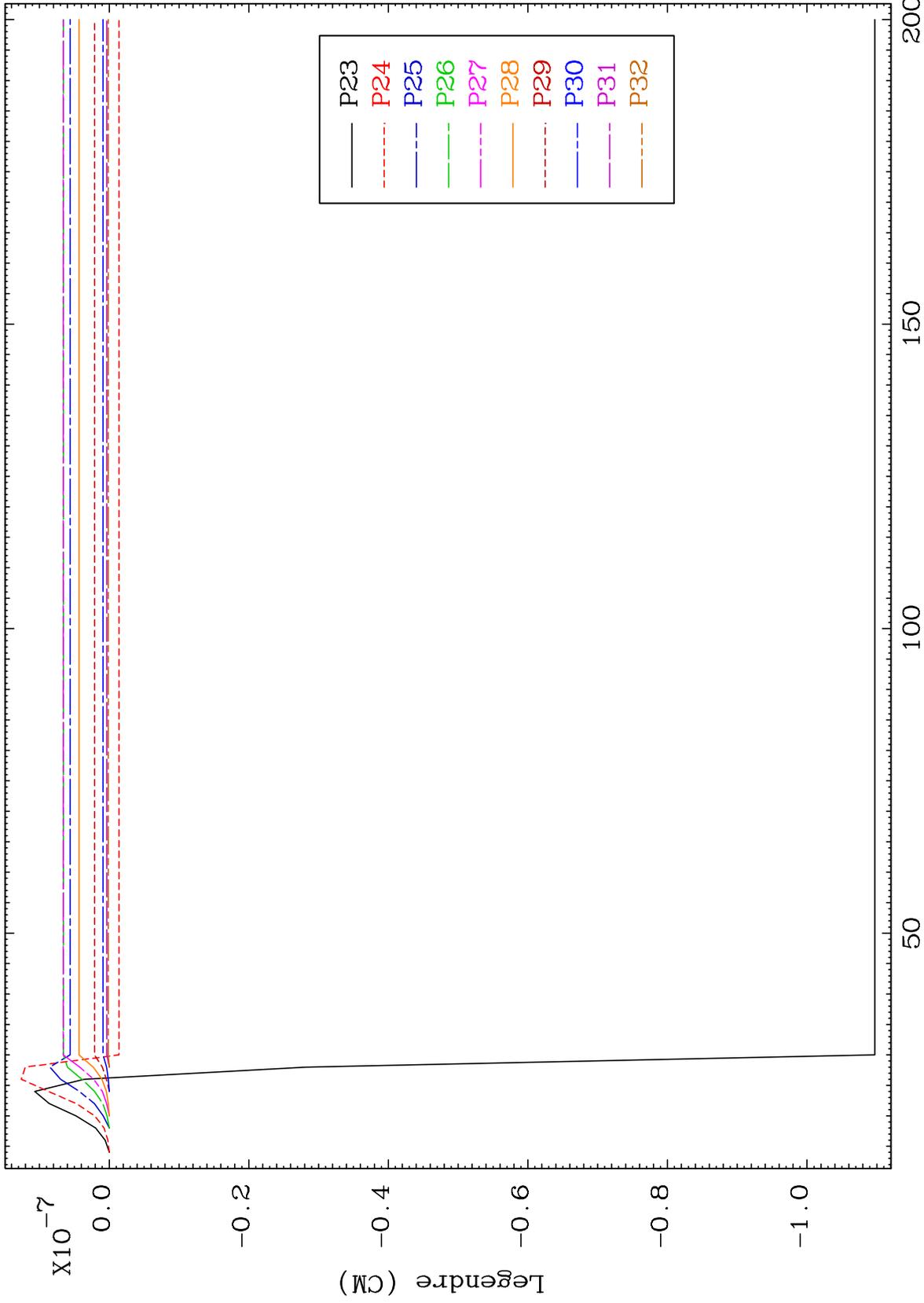
37-Rb-82



MAT 3716

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

37-Rb-82



53

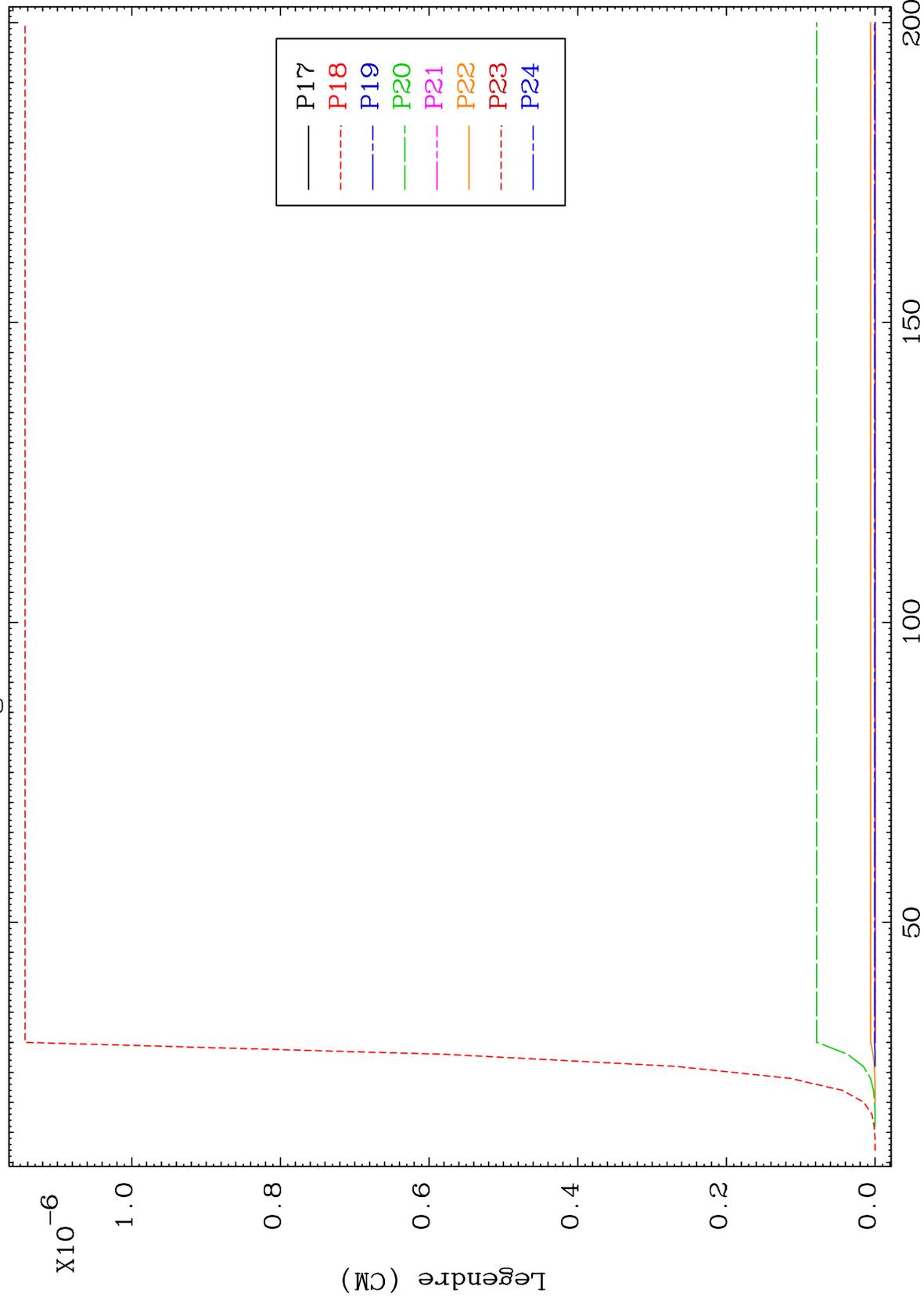
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



37-Rb-82

Incident Energy (MeV)

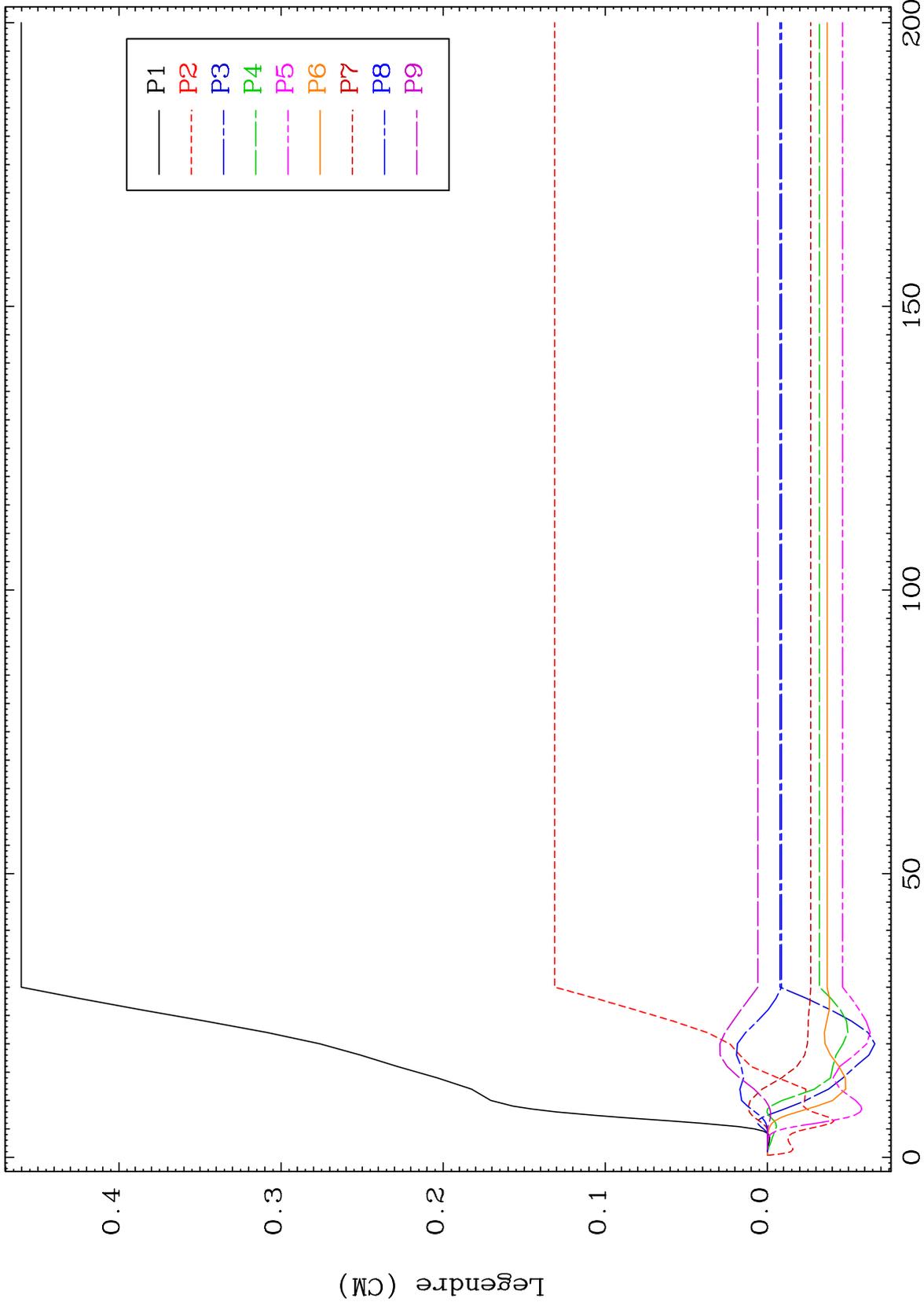
56

MAT 3716

MT= 62 (n,n') Level

37-Rb-82

Legendre Coefficients



57

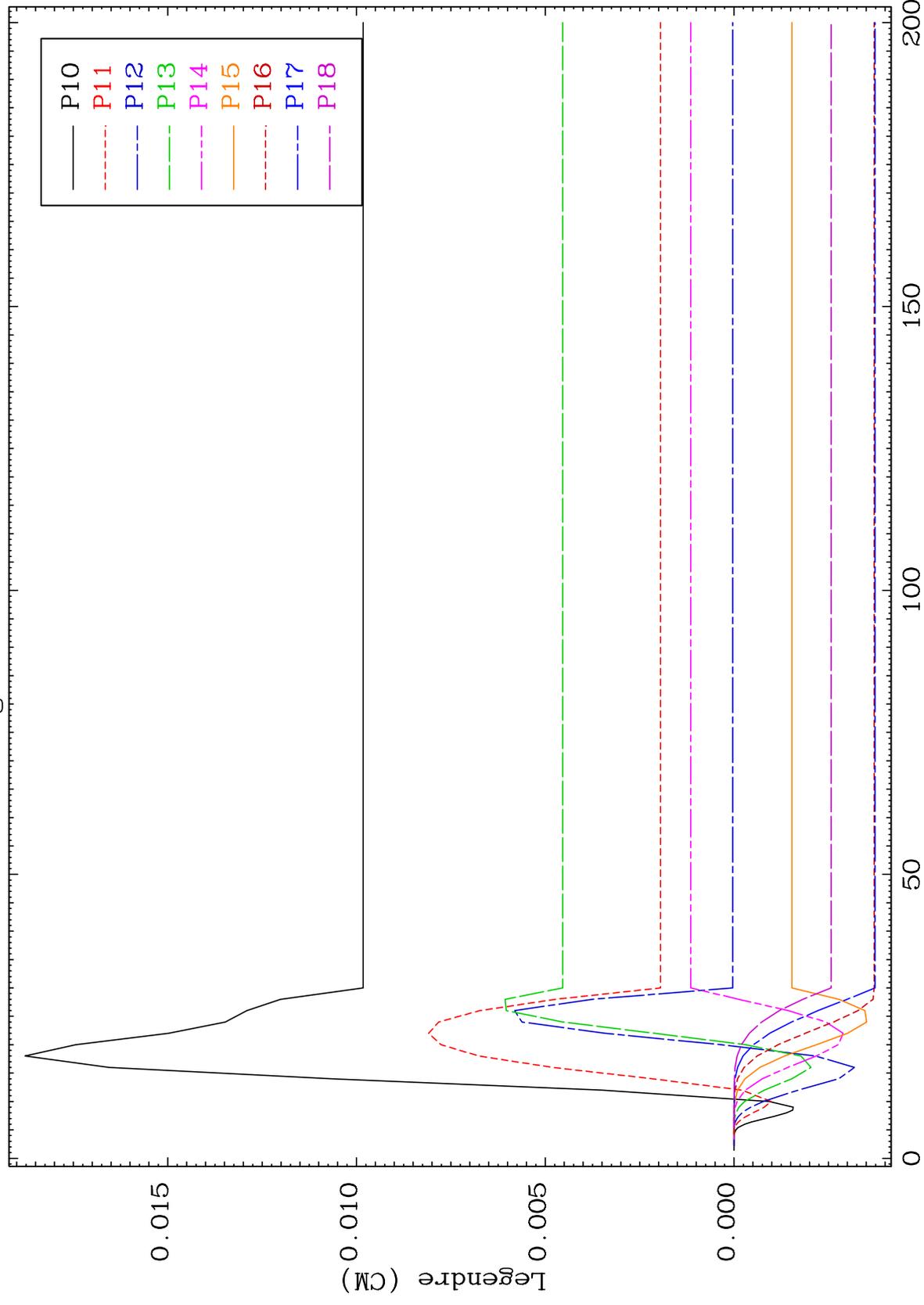
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82

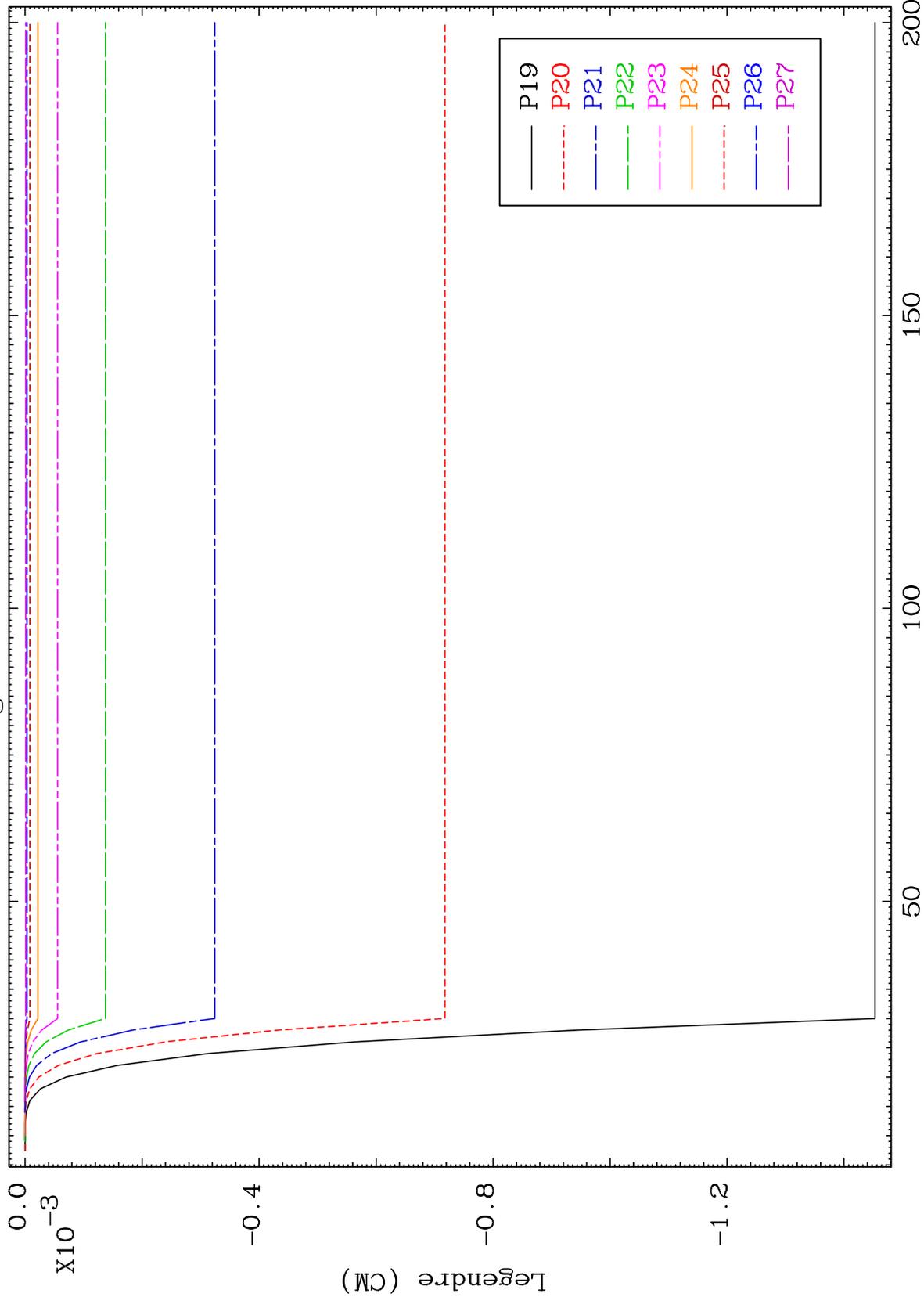


37-Rb-82

Incident Energy (MeV)

58

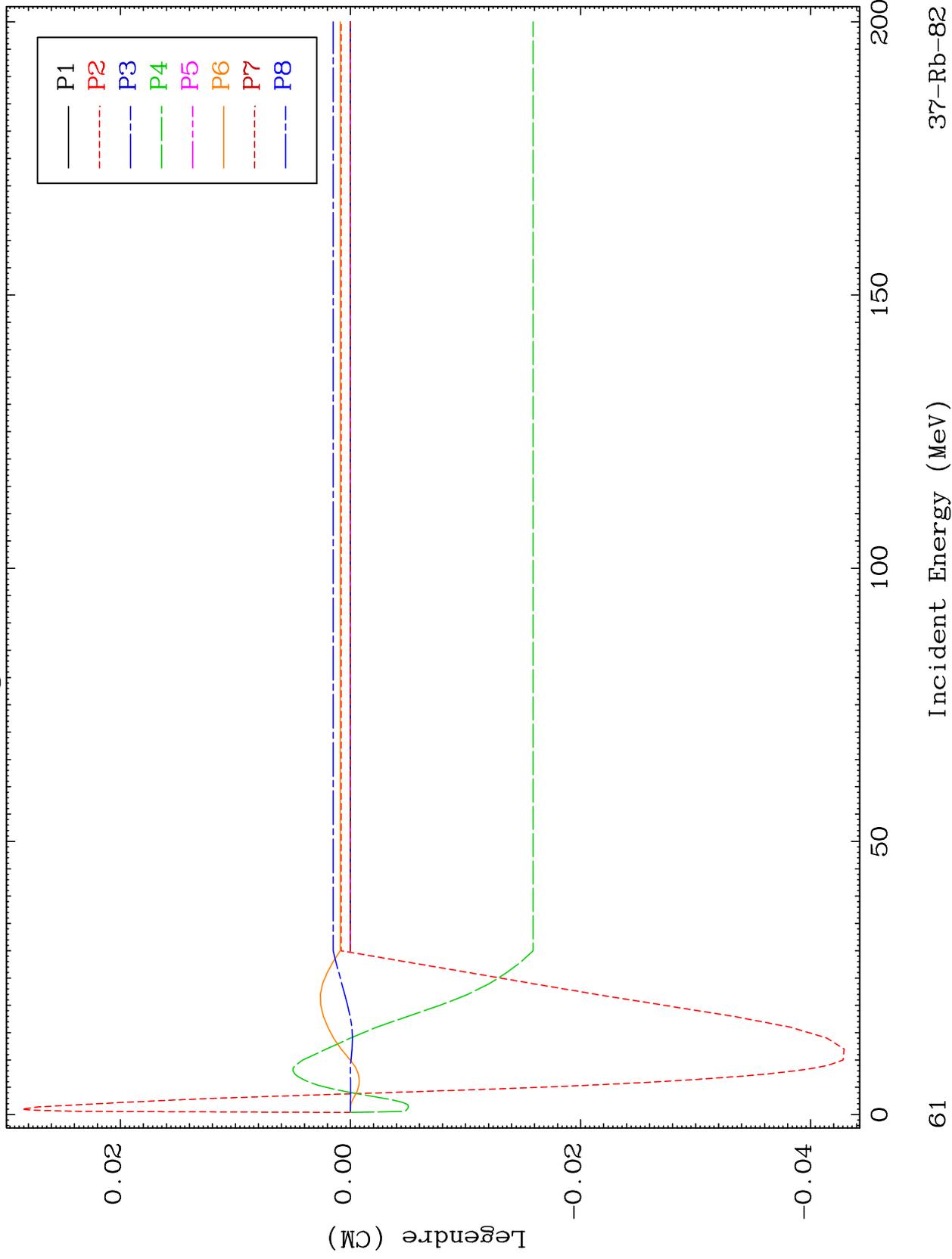
Legendre Coefficients



MAT 3716

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

37-Rb-82



61

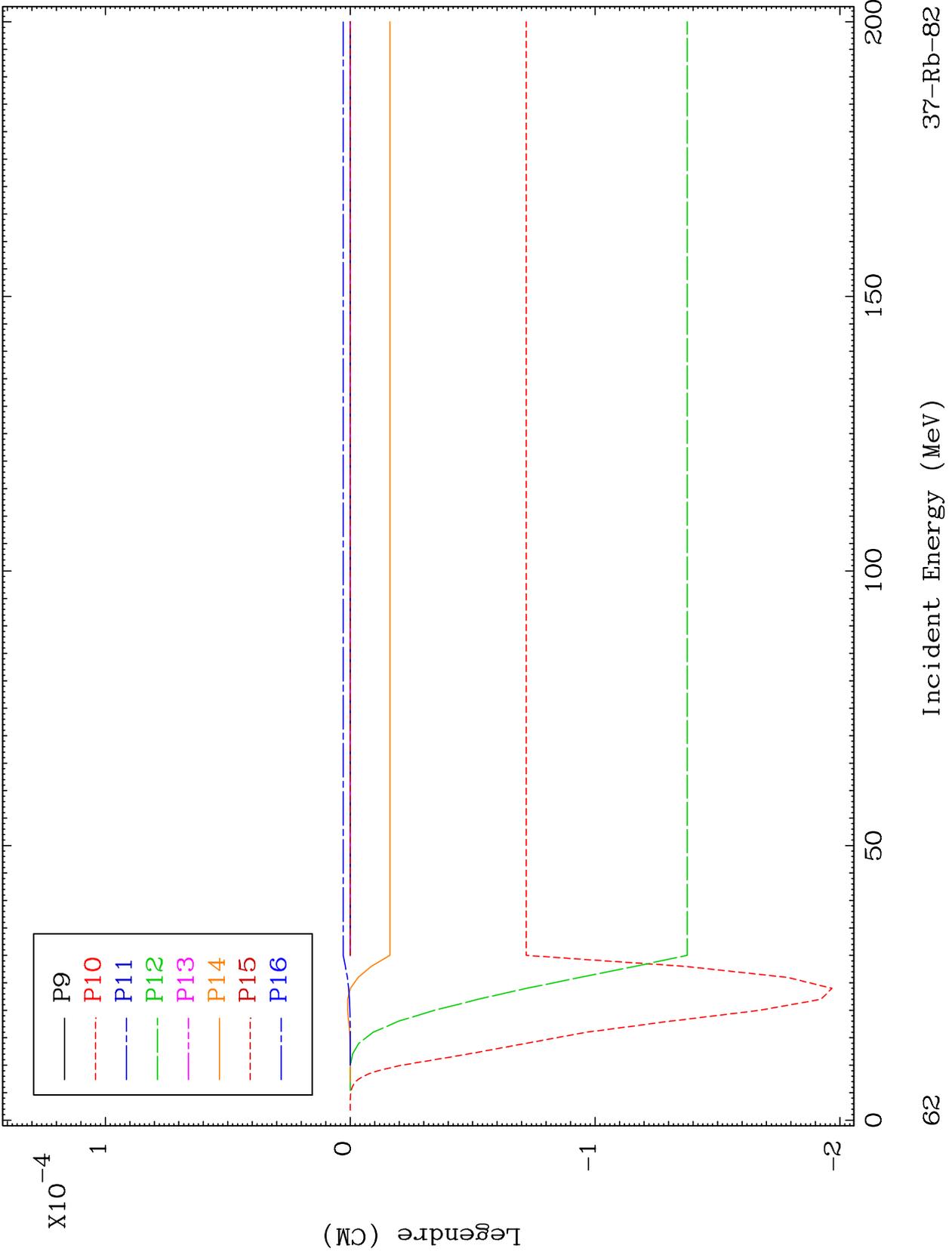
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

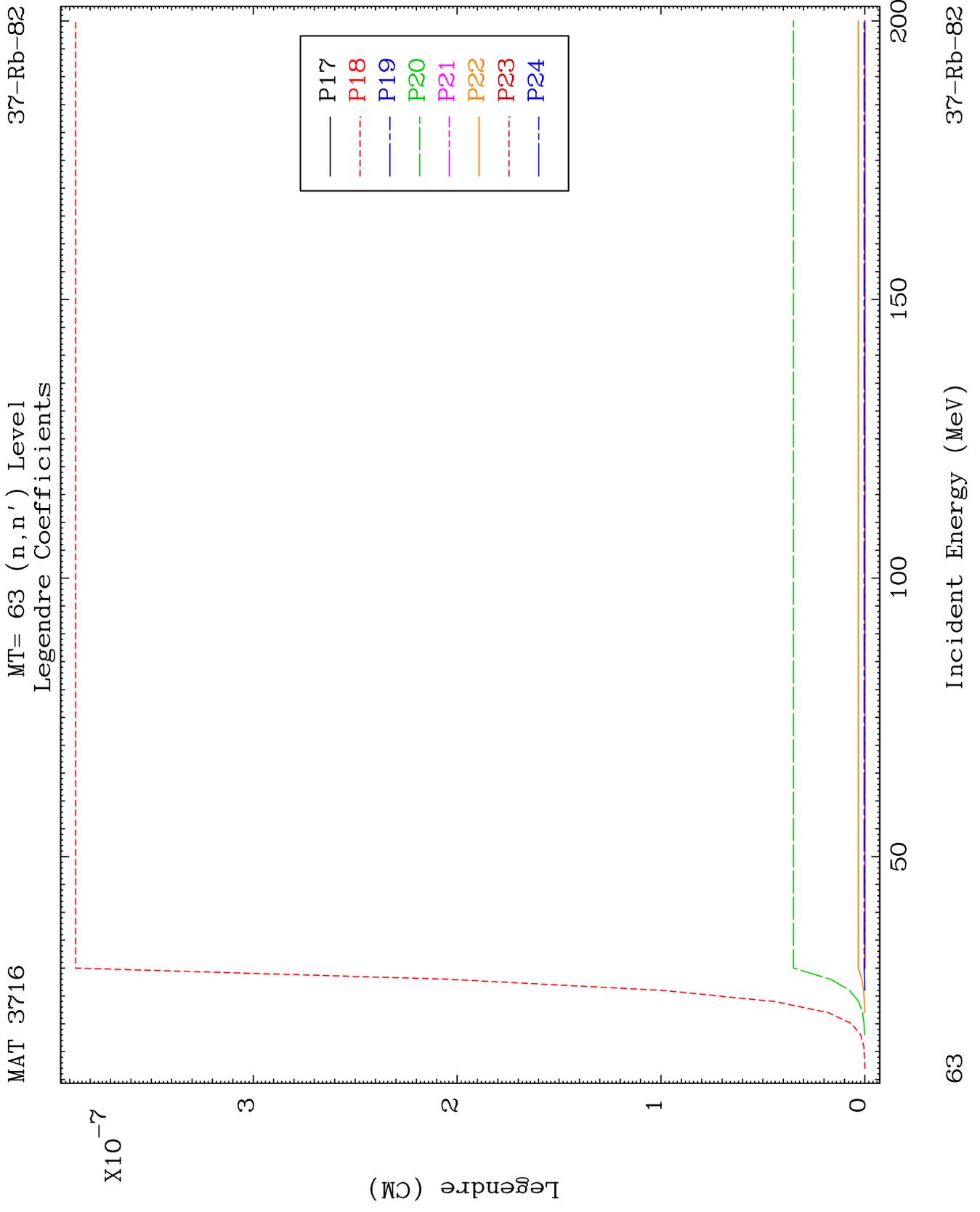
37-Rb-82



62

Incident Energy (MeV)

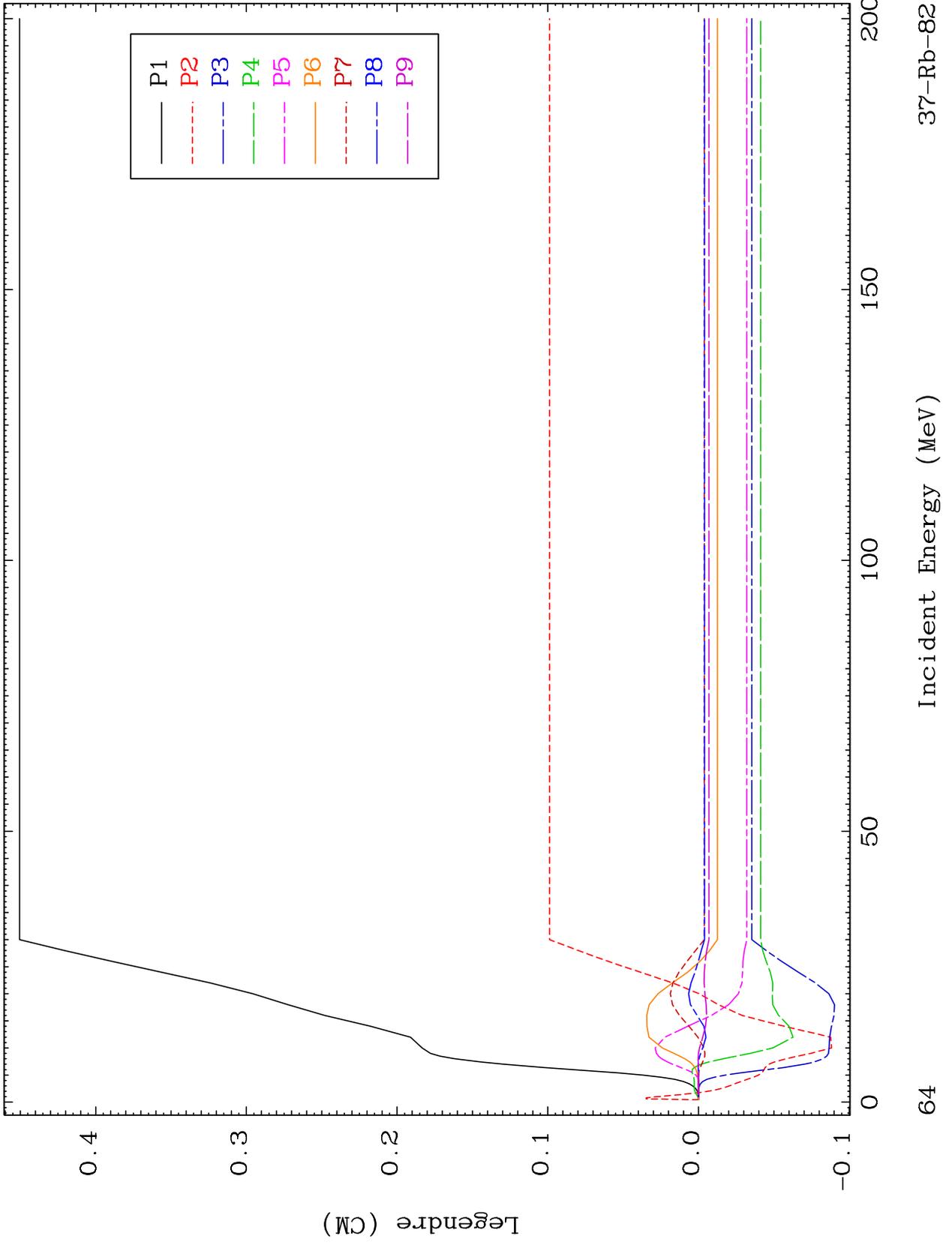
37-Rb-82



MAT 3716

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

37-Rb-82



64

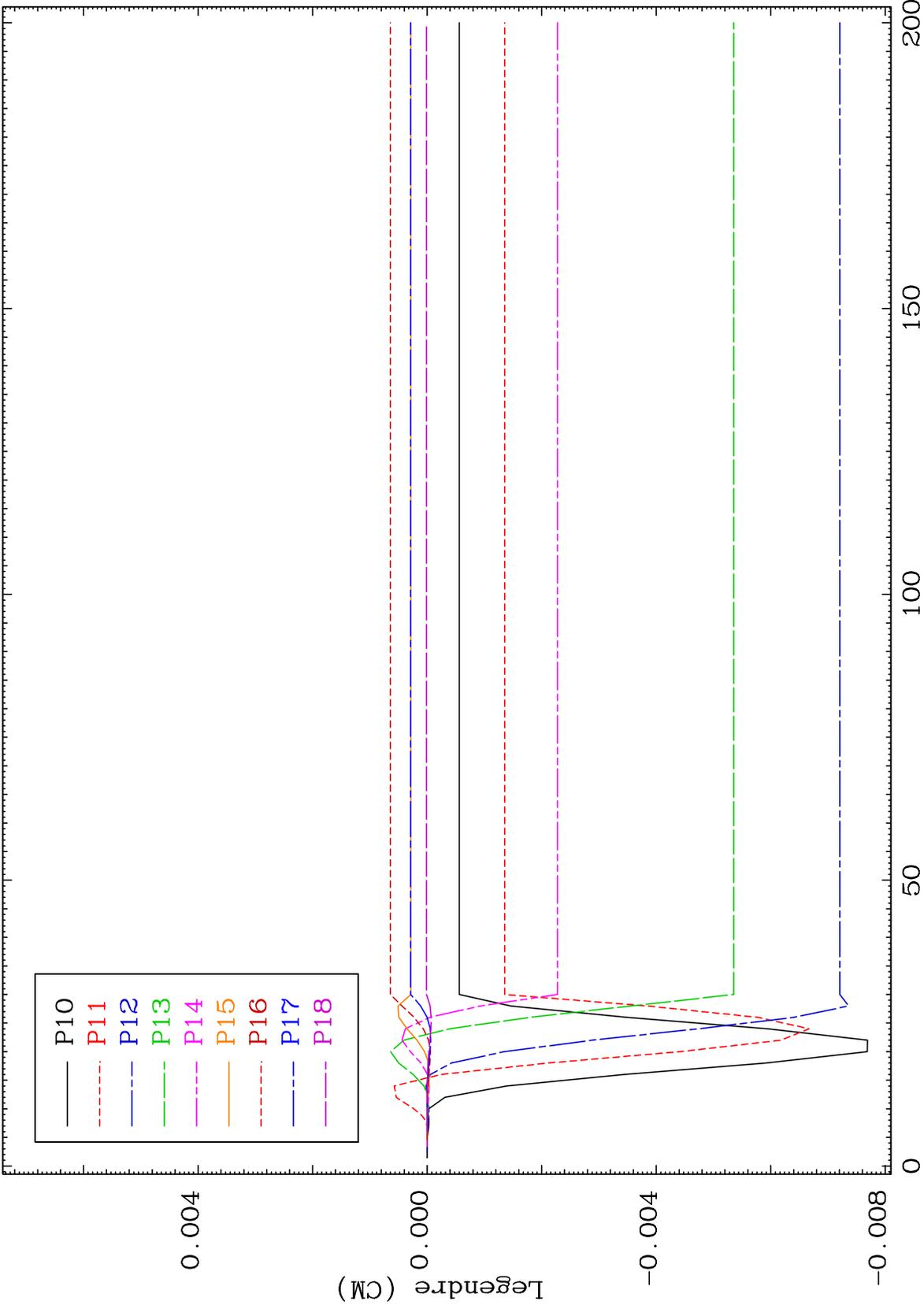
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



65

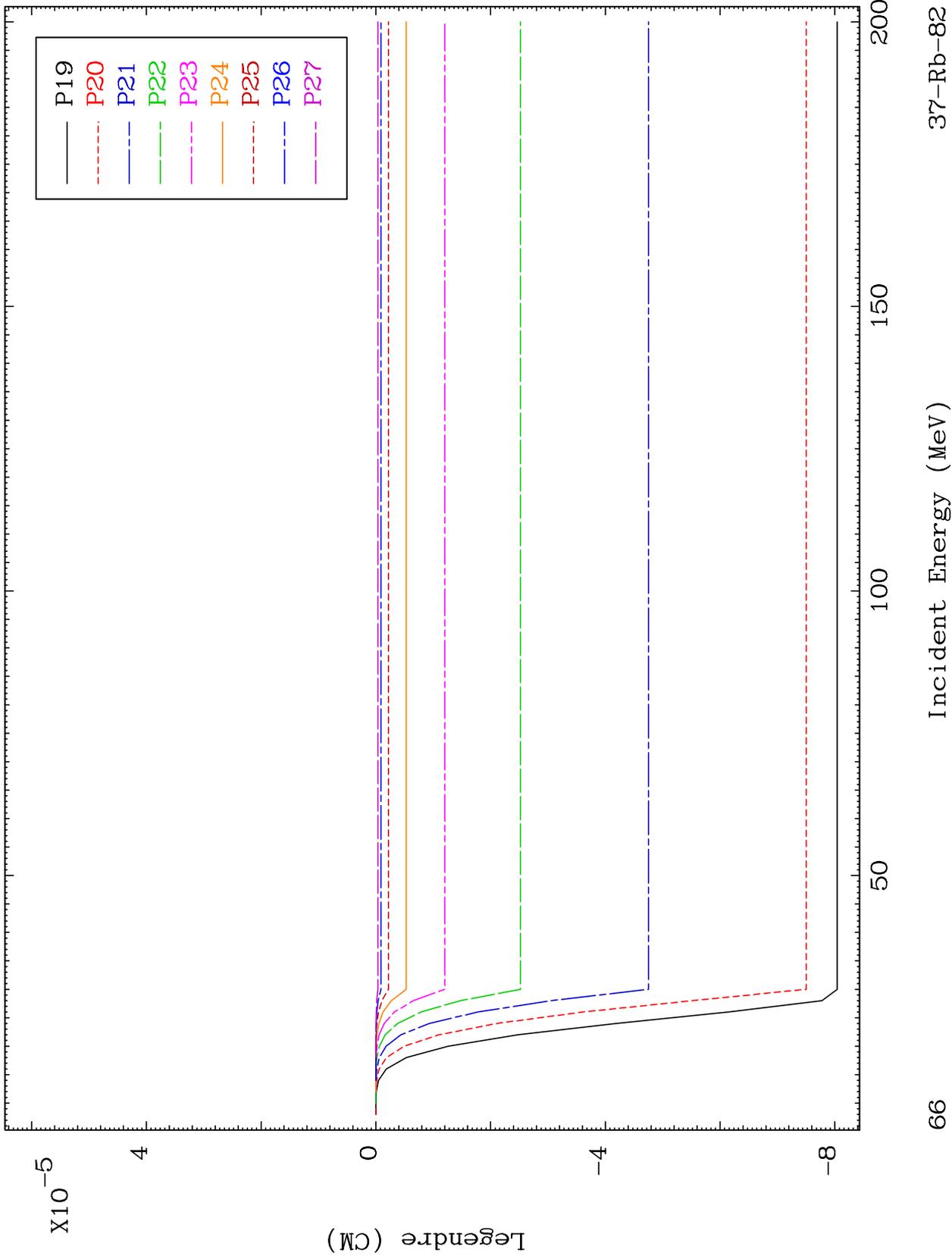
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



66

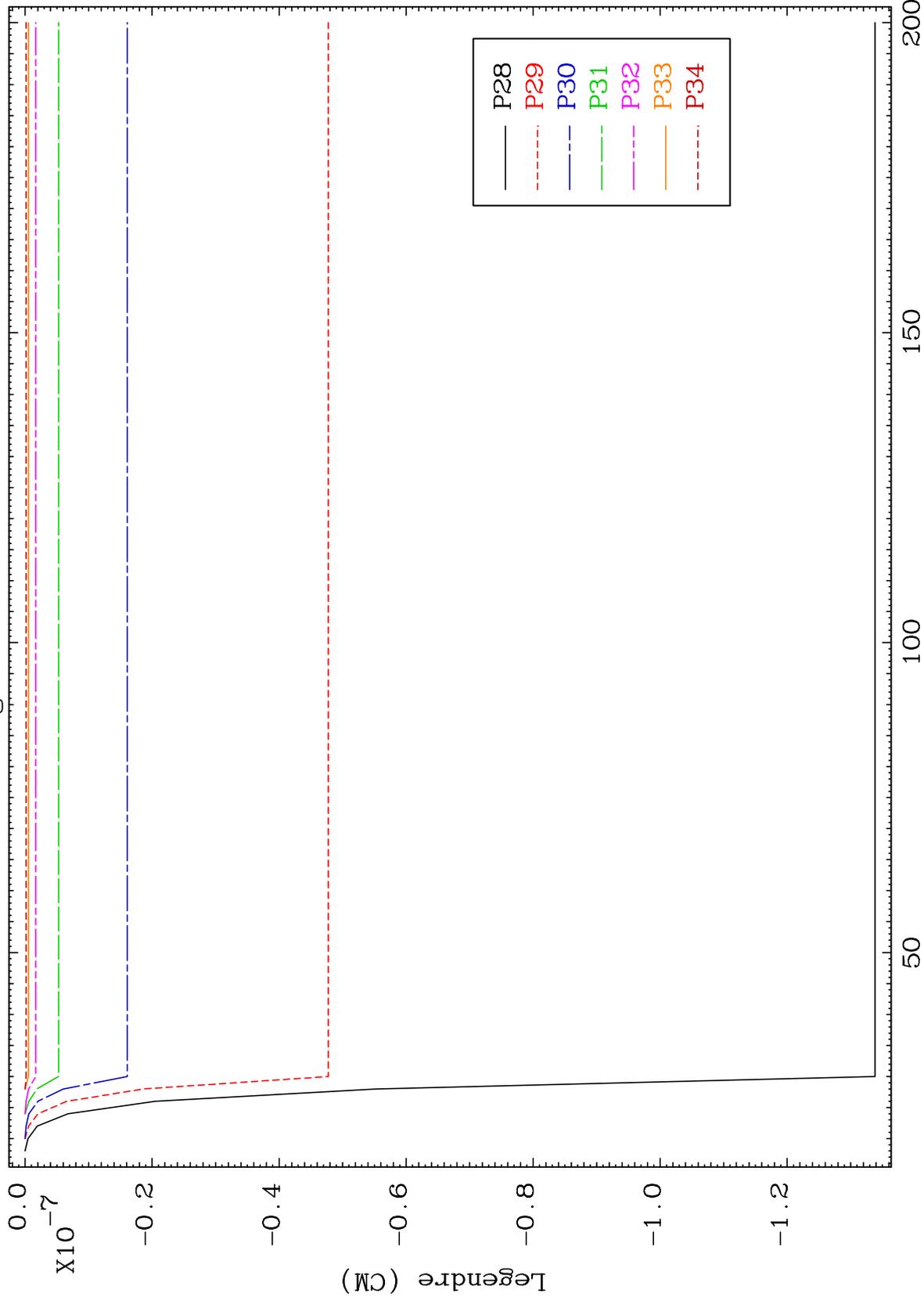
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



67

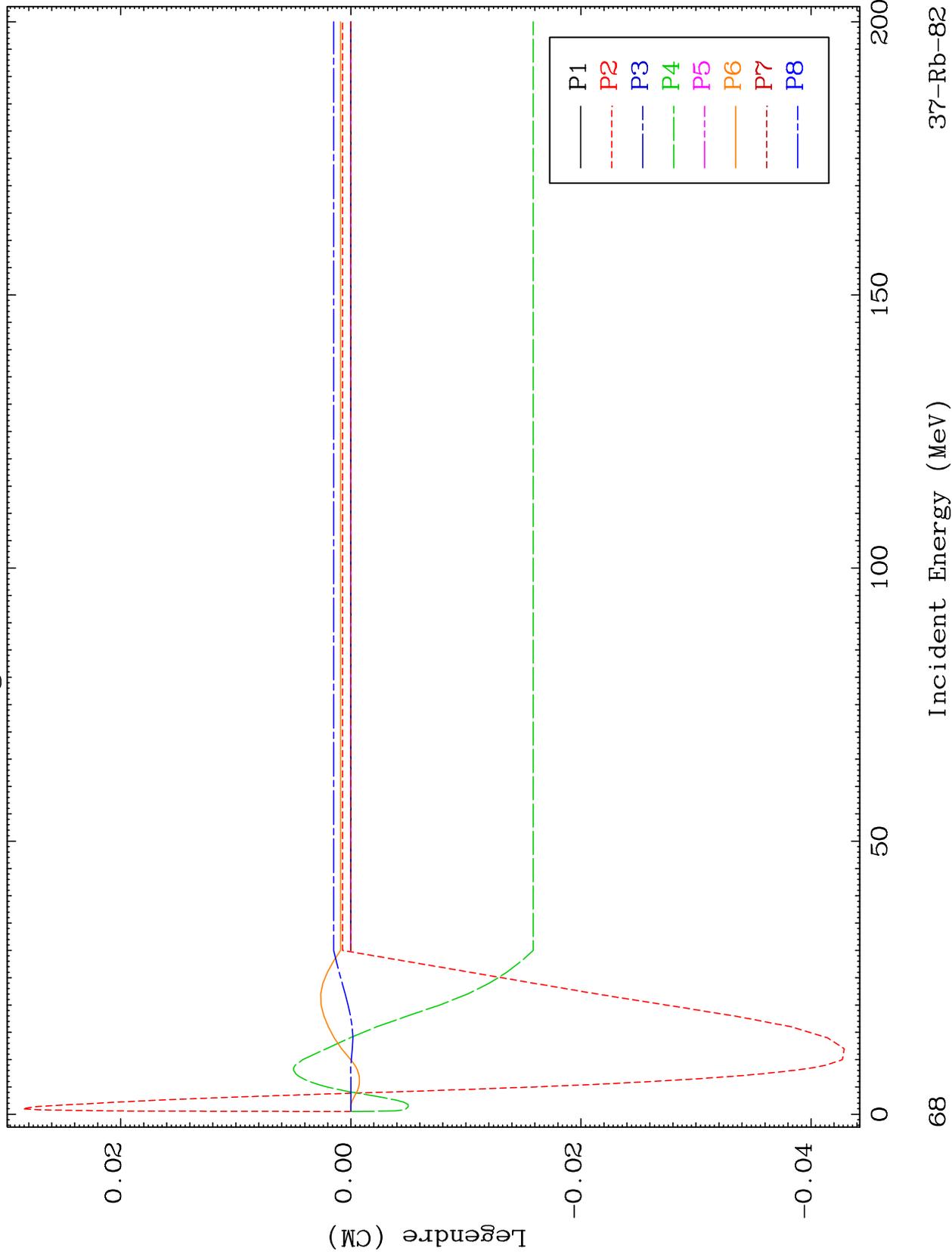
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



37-Rb-82

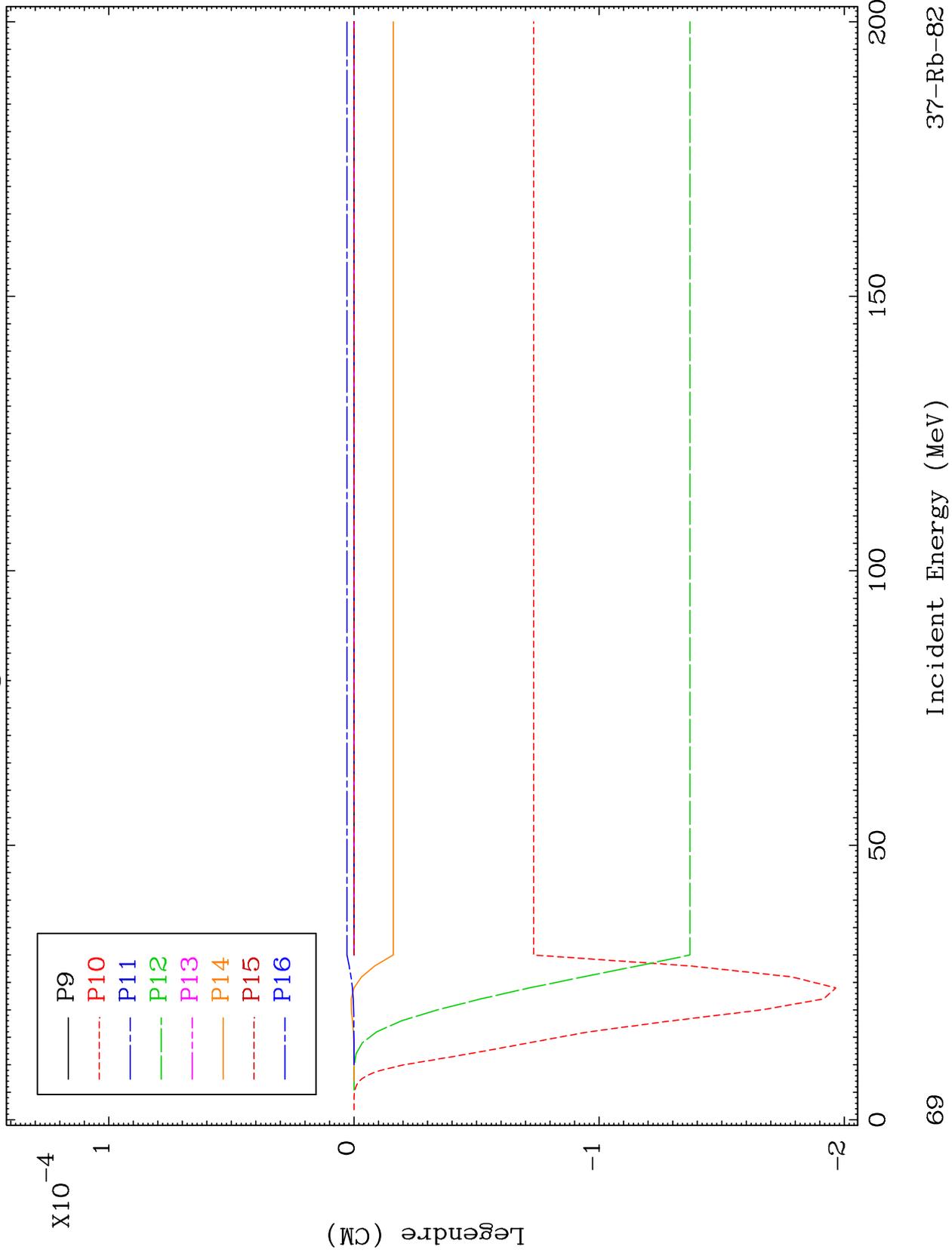
Incident Energy (MeV)

68

MAT 3716

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

37-Rb-82



69

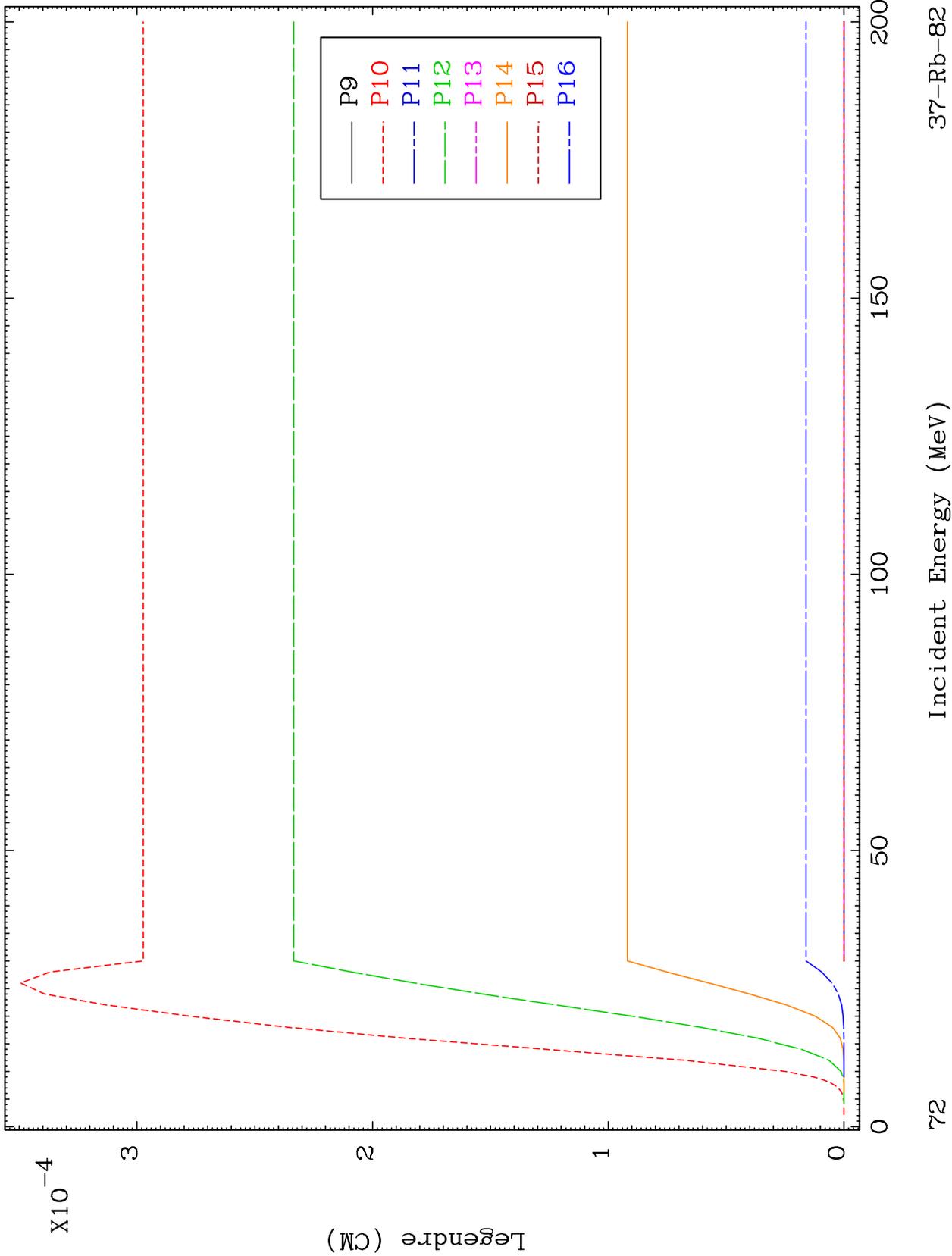
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

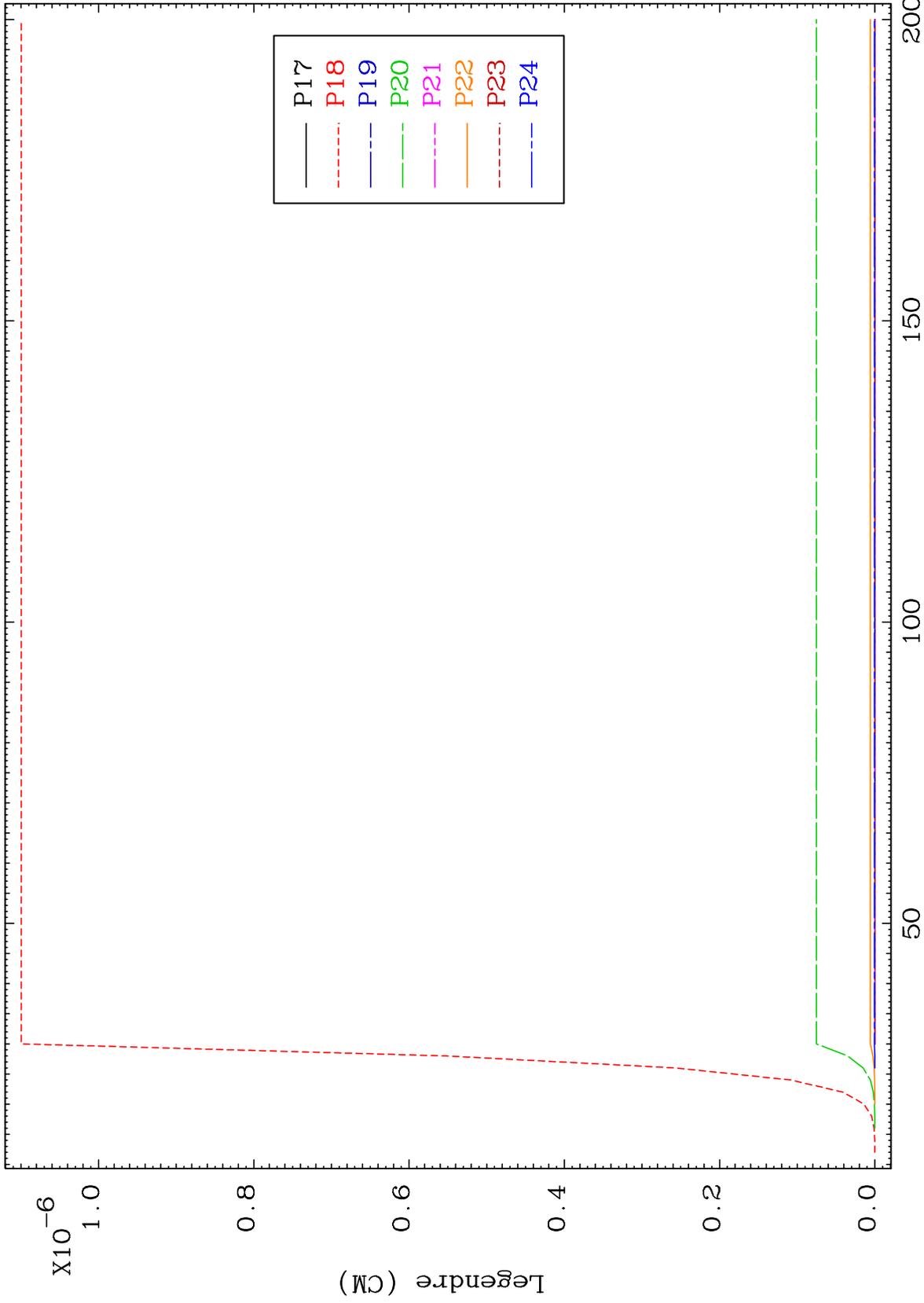
37-Rb-82



MAT 3716

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

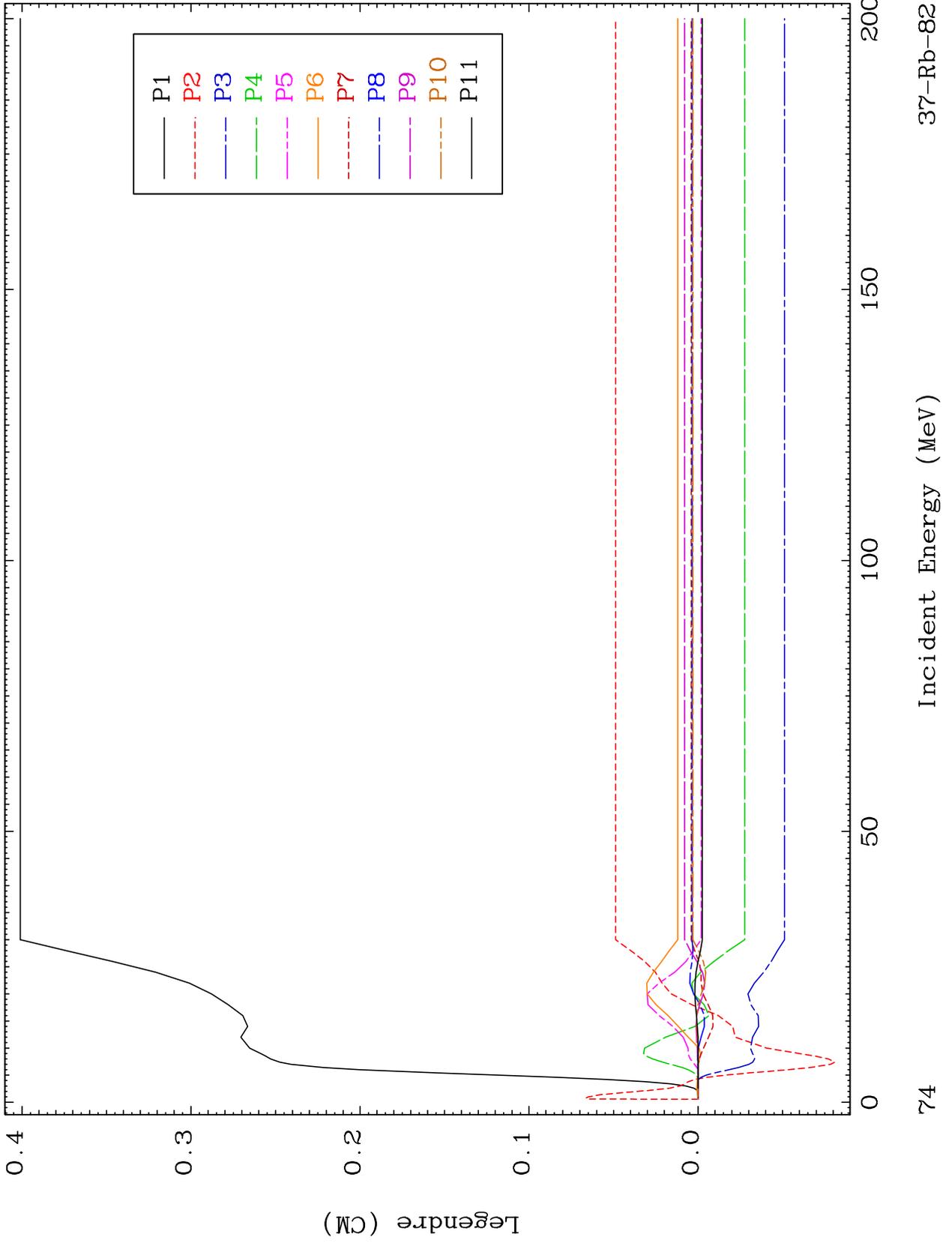
37-Rb-82



73

Incident Energy (MeV)

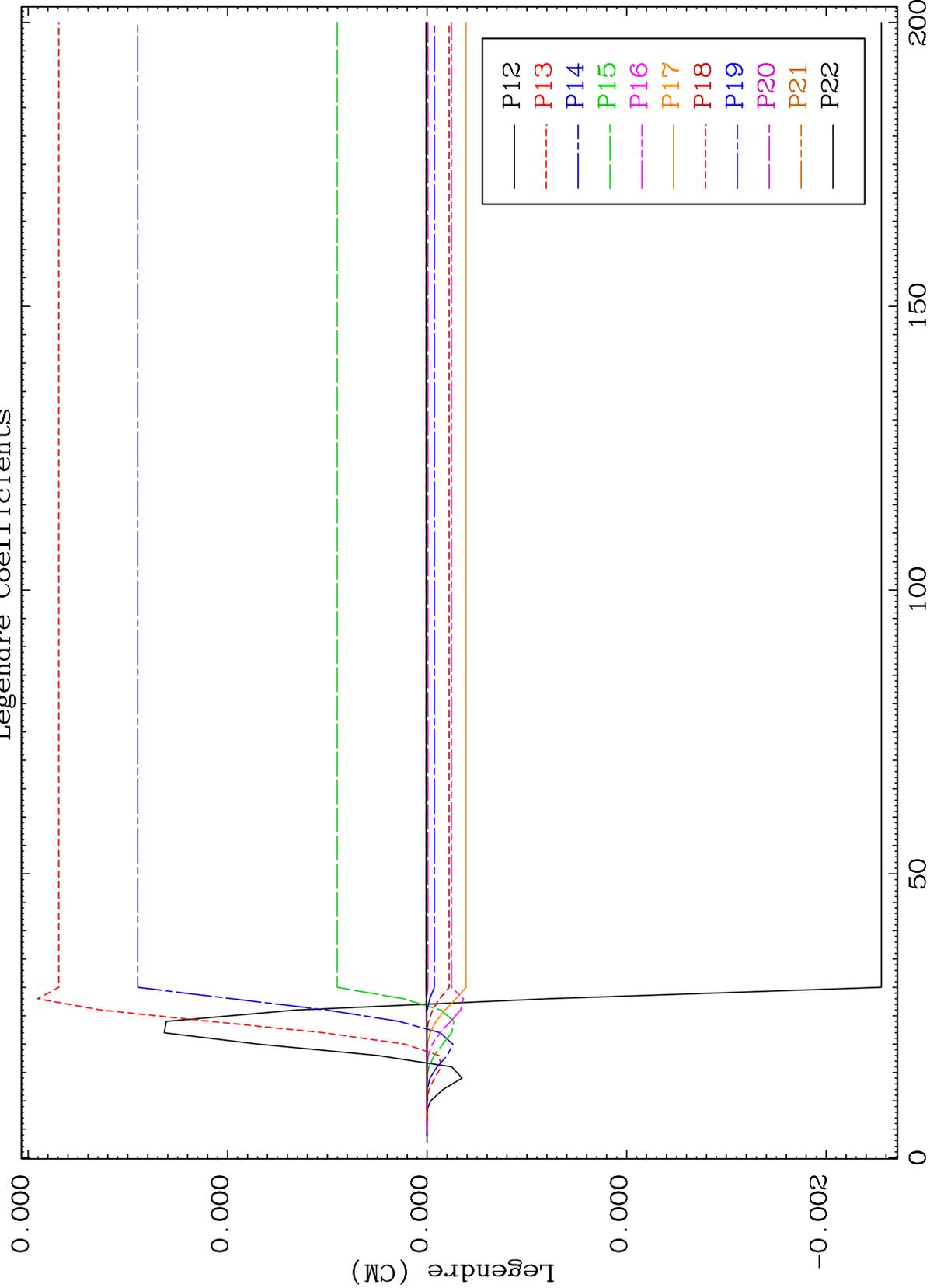
37-Rb-82



MAT 3716

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

37-Rb-82



75

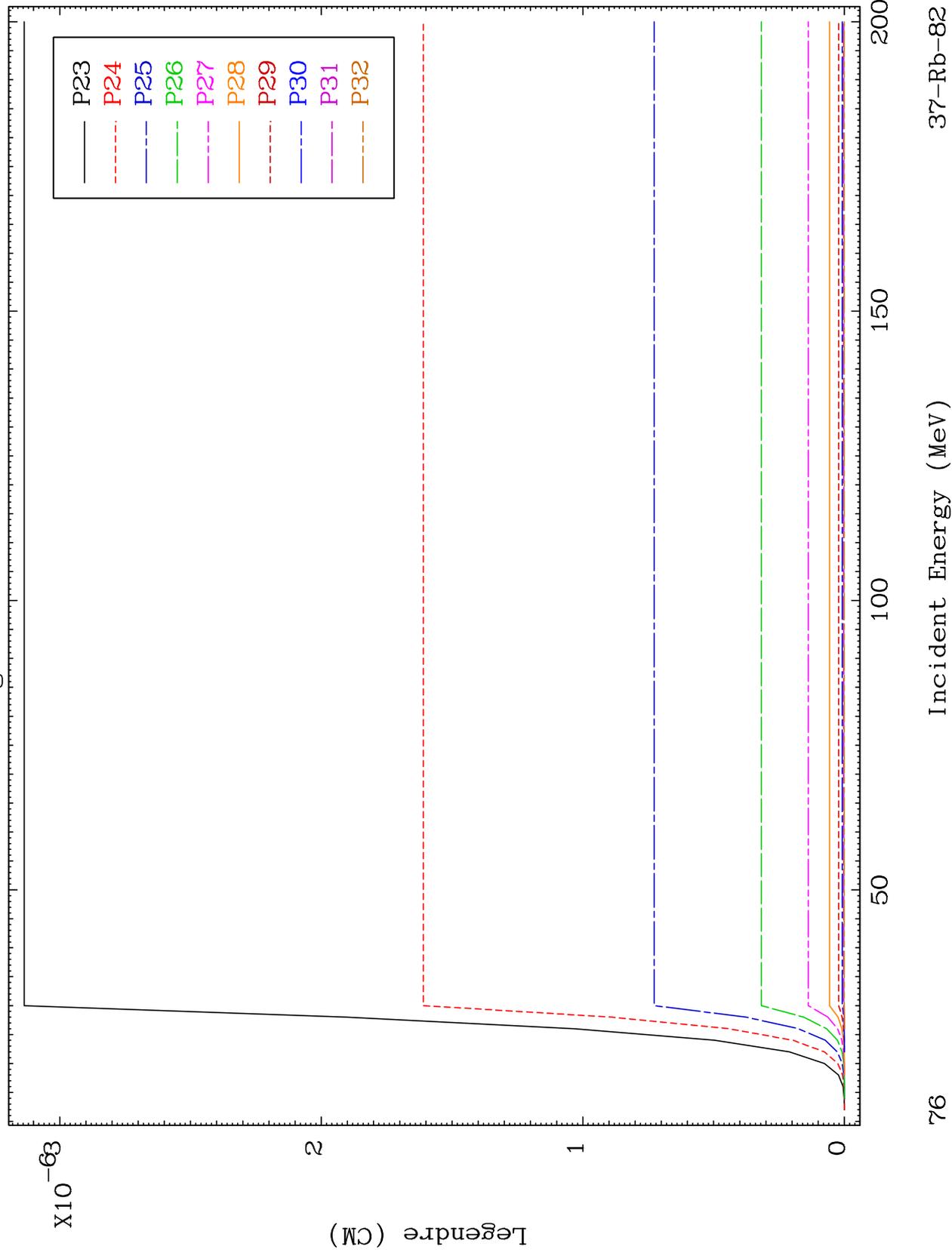
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

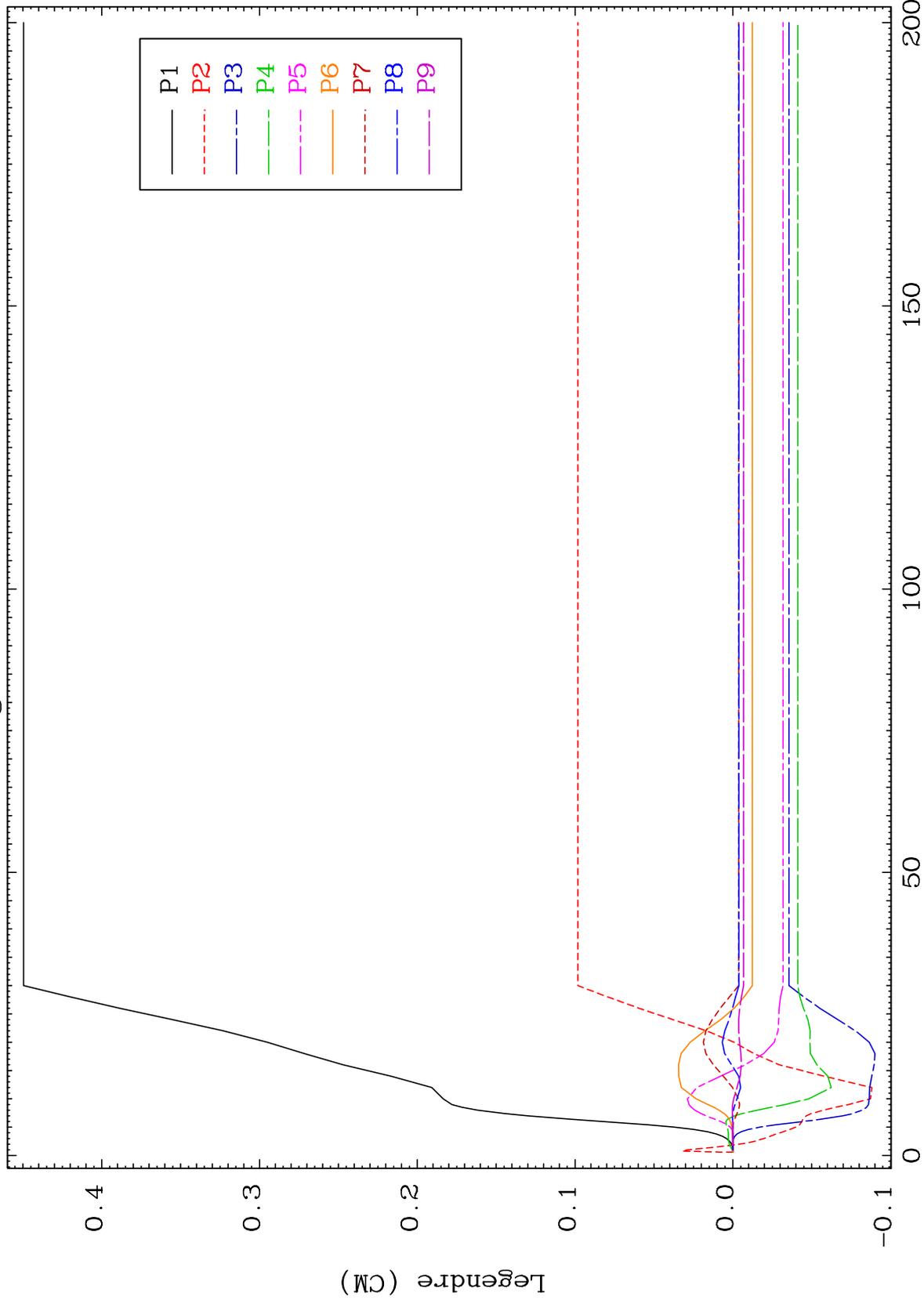
37-Rb-82



MAT 3716

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

37-Rb-82



77

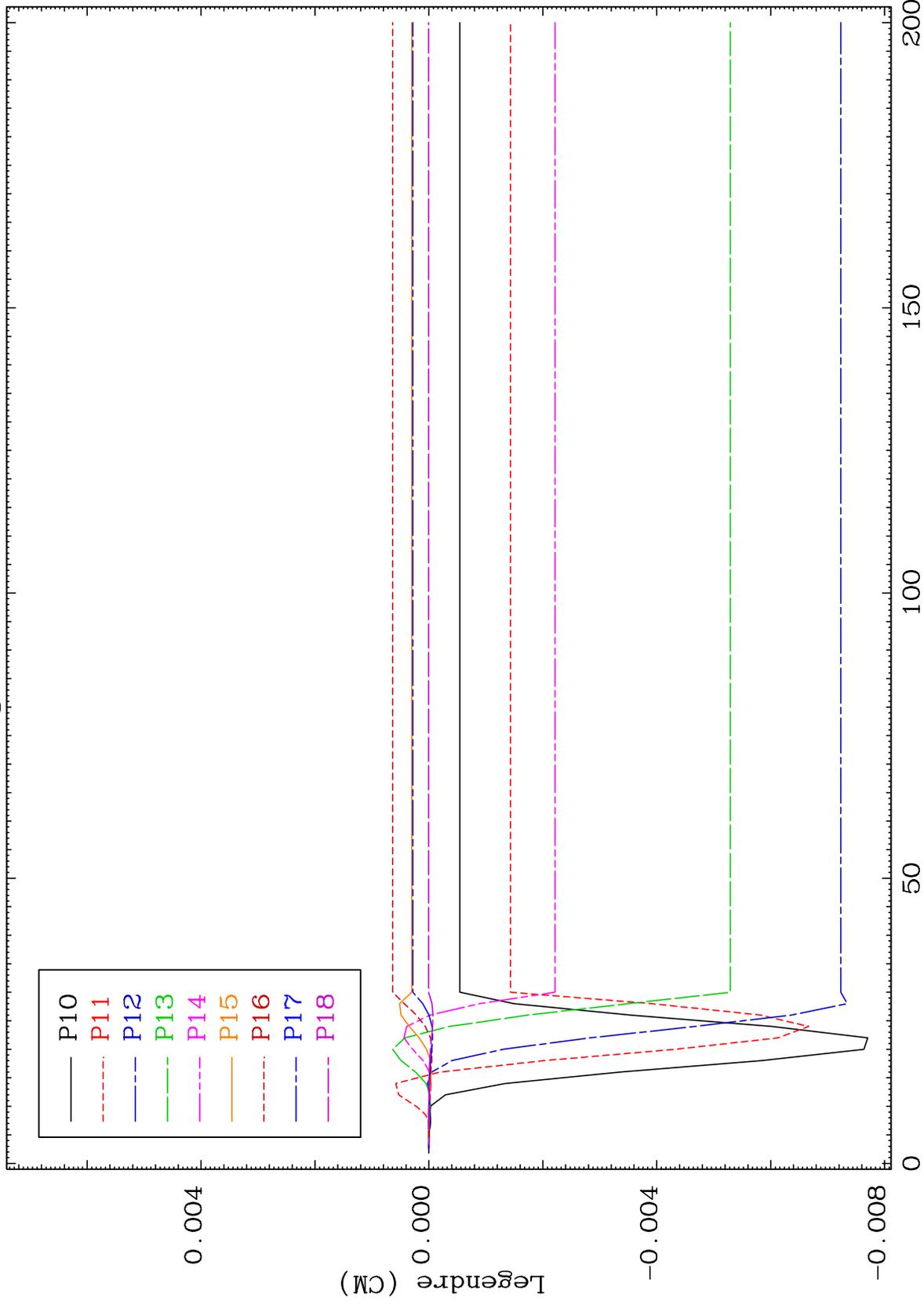
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



78

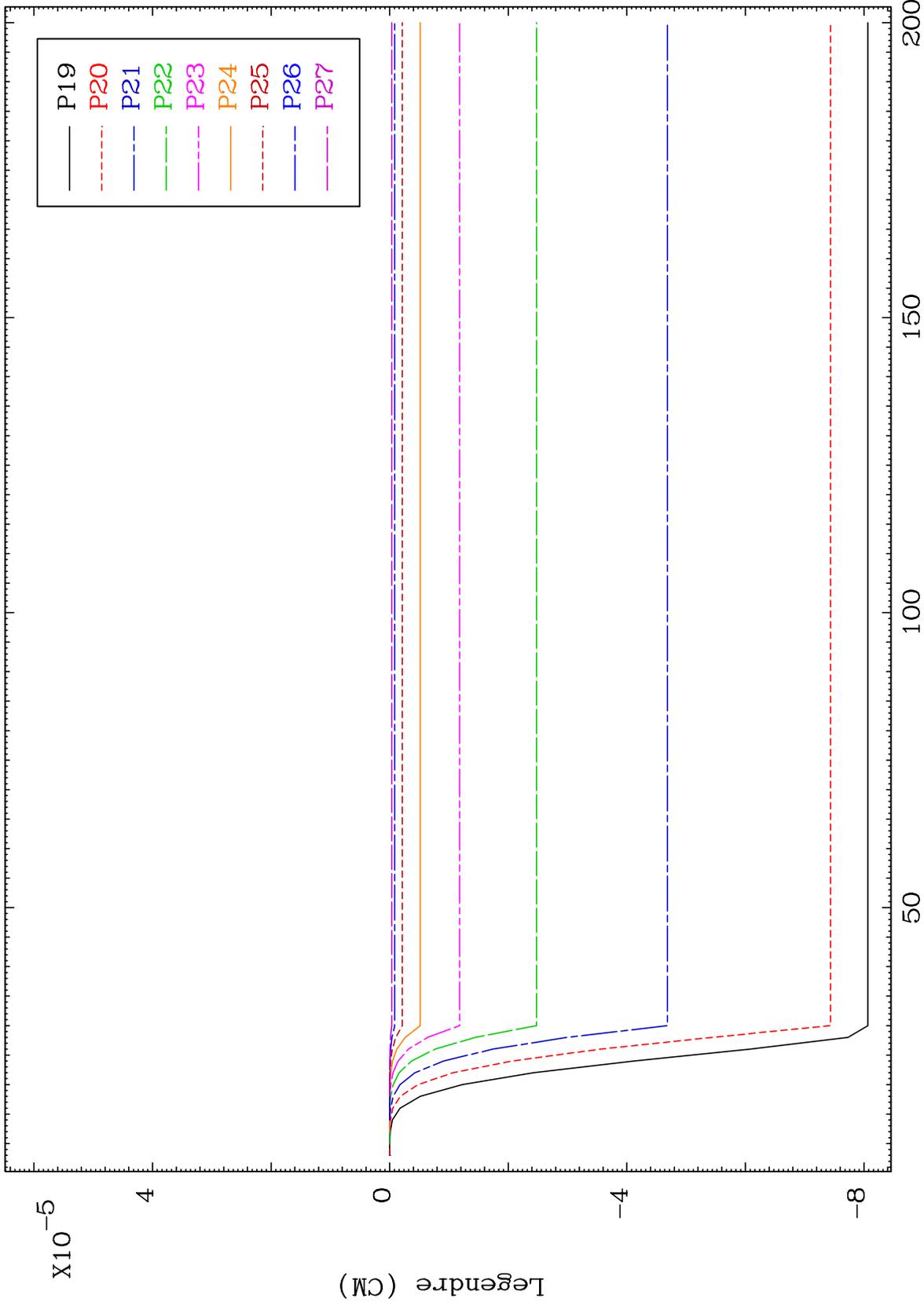
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



79

Incident Energy (MeV)

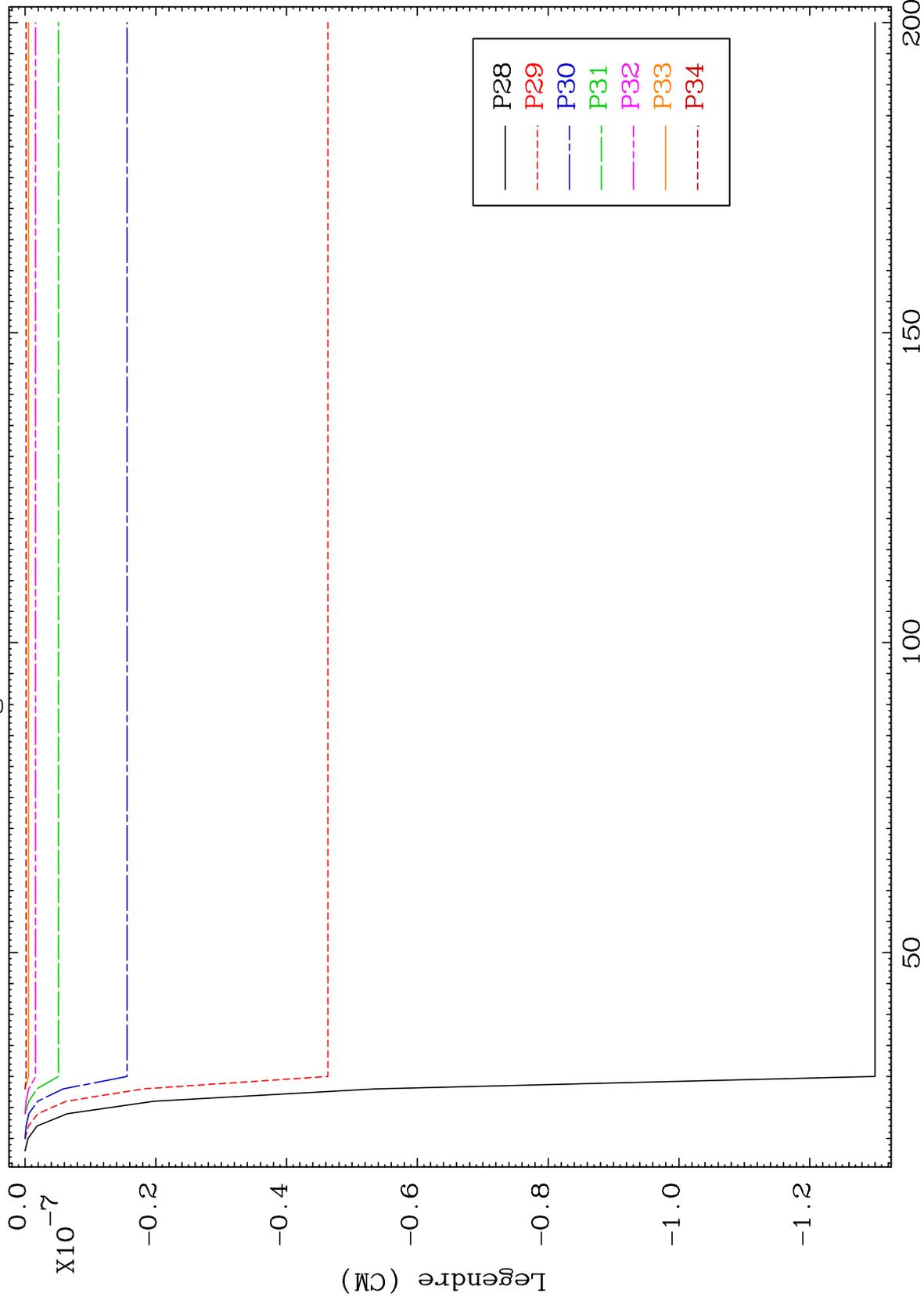
37-Rb-82

MAT 3716

MT= 68 (n,n') Level

37-Rb-82

Legendre Coefficients



80

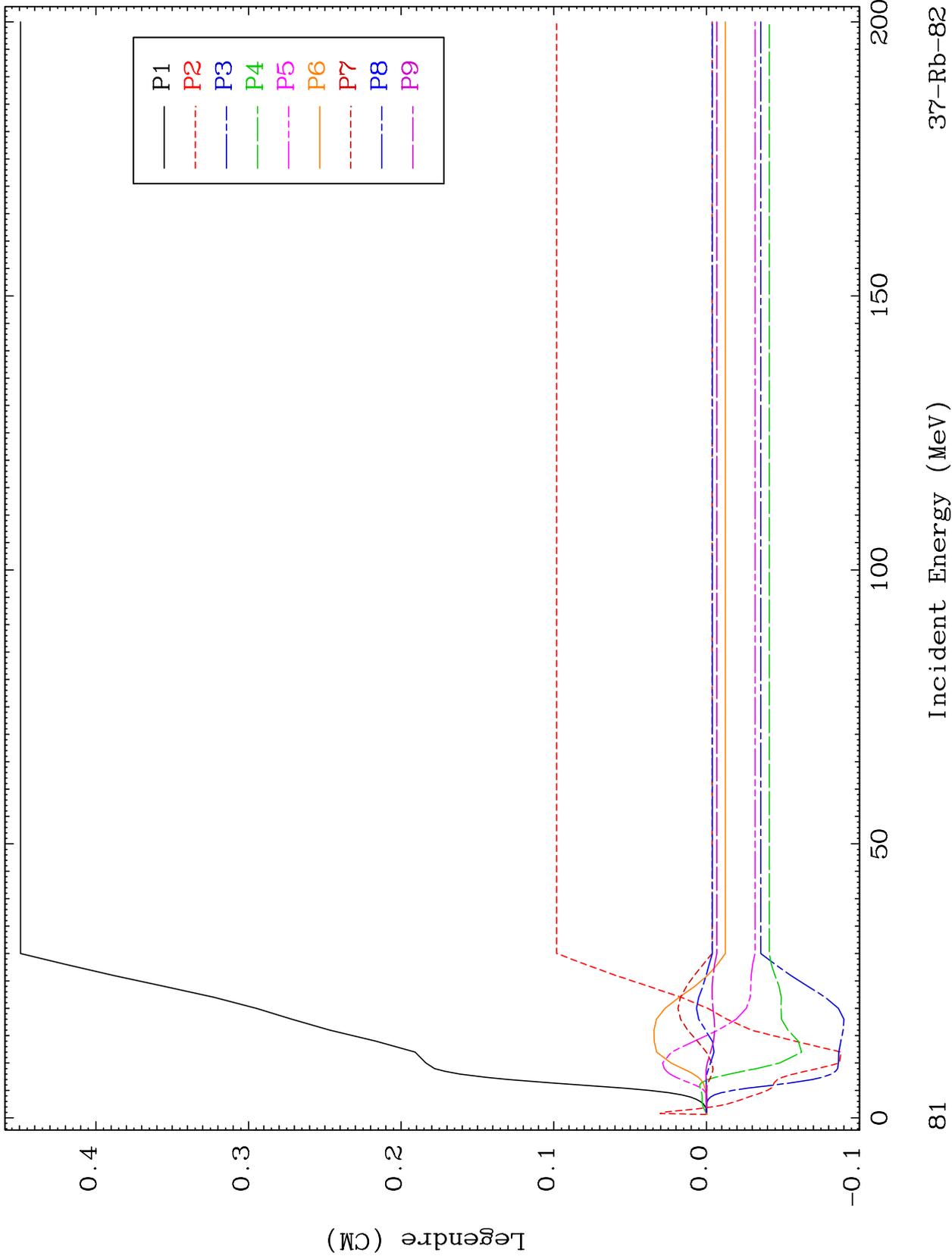
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



81

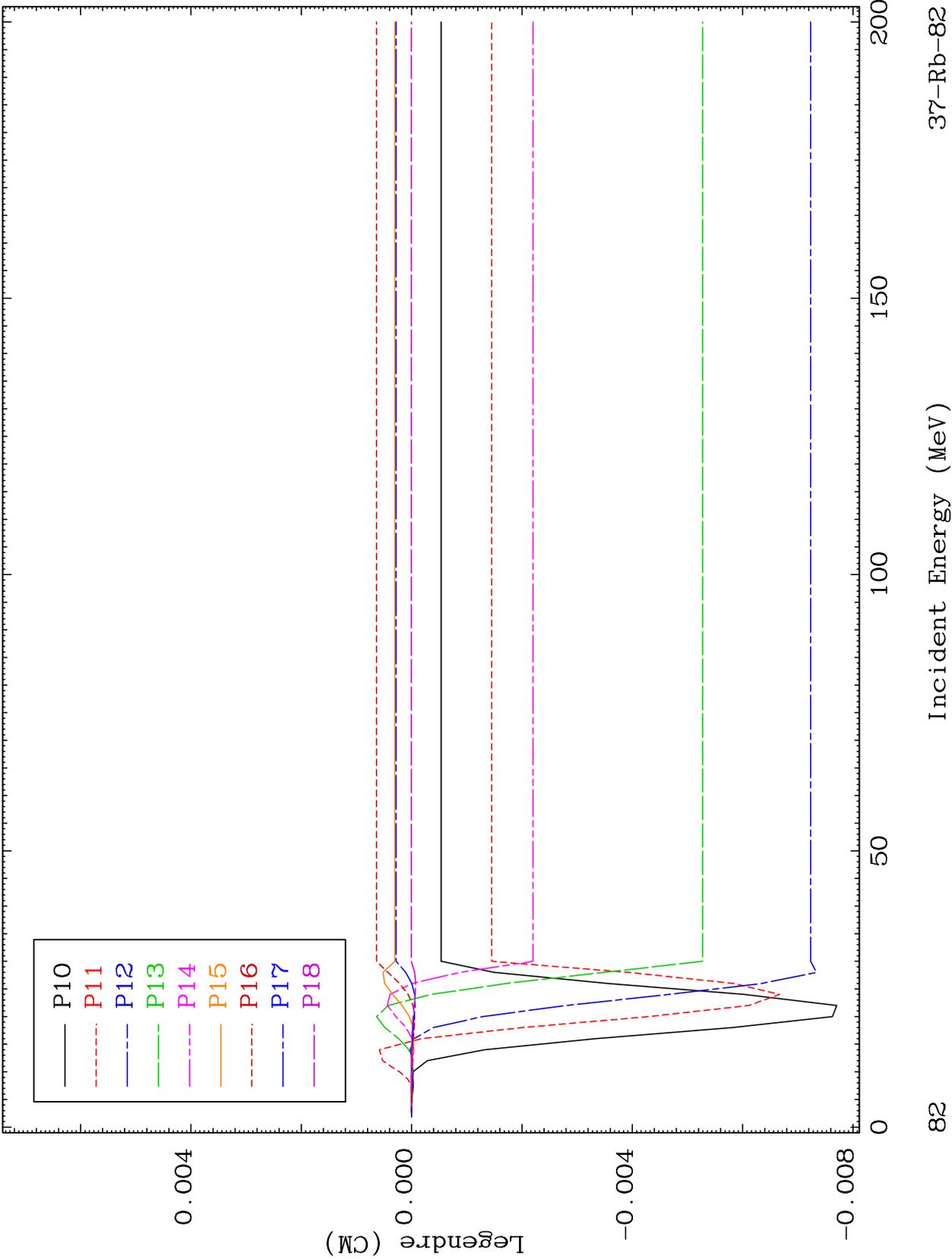
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

37-Rb-82



37-Rb-82

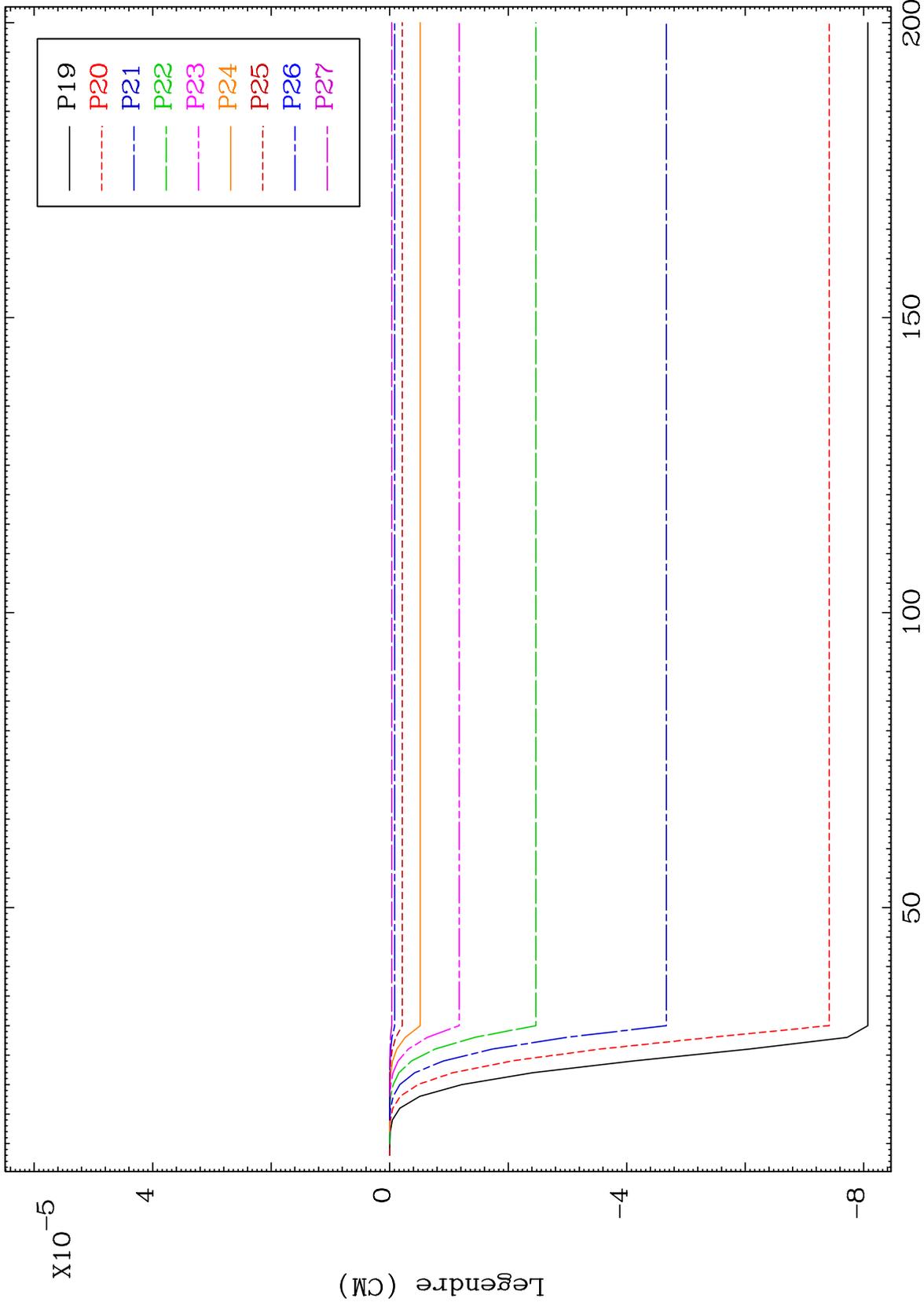
Incident Energy (MeV)

82

MAT 3716

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

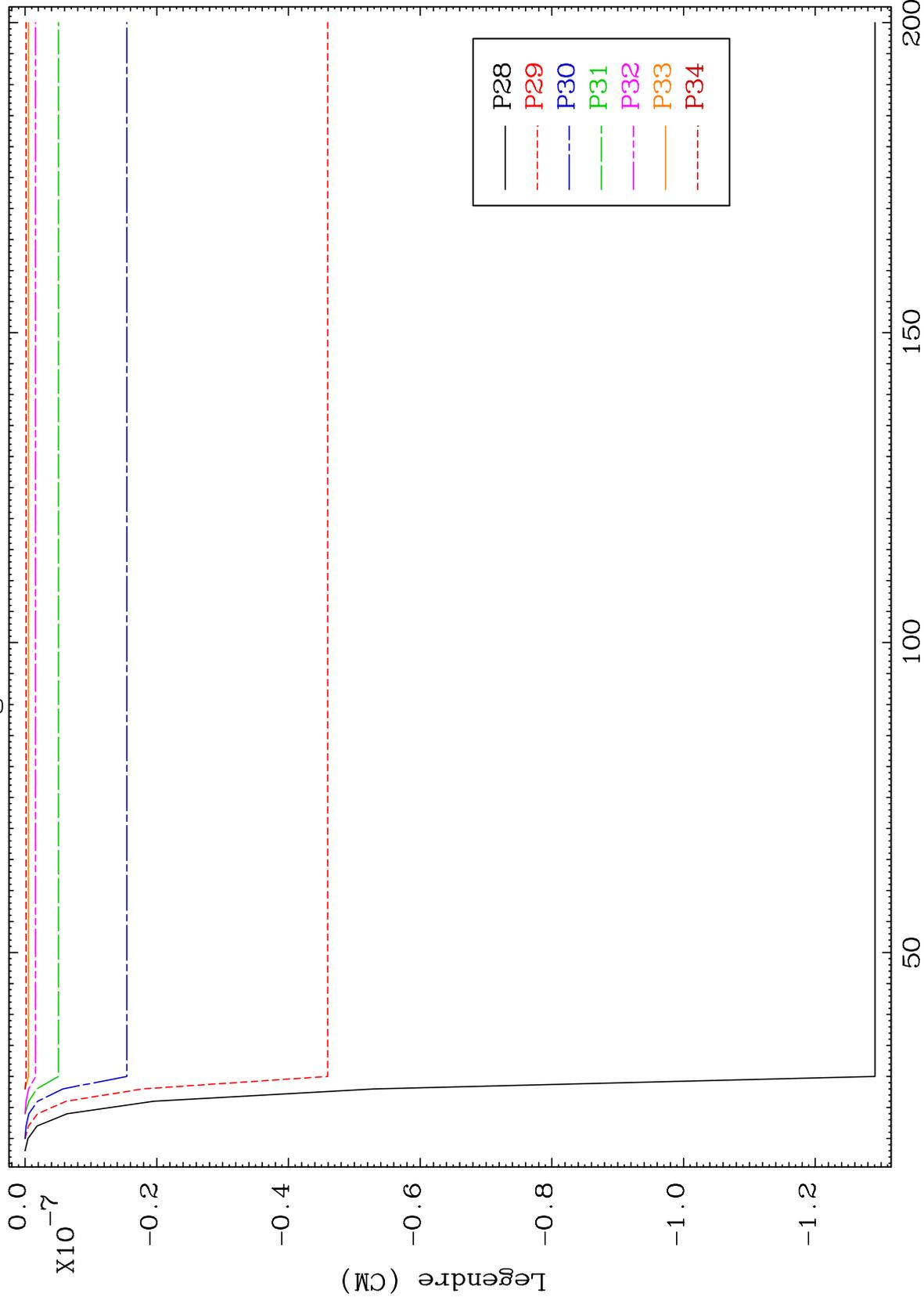
37-Rb-82

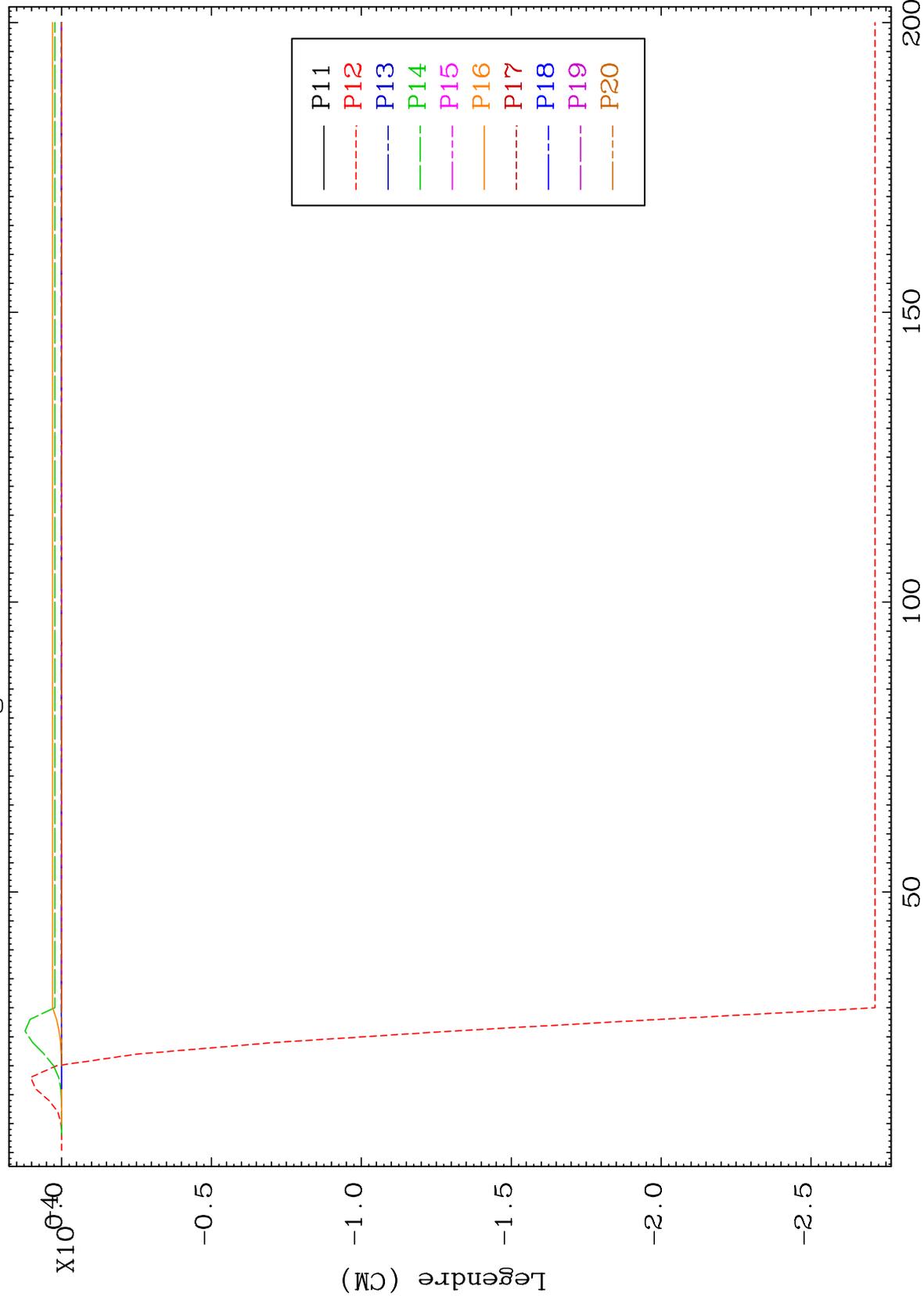


83

Incident Energy (MeV)

37-Rb-82

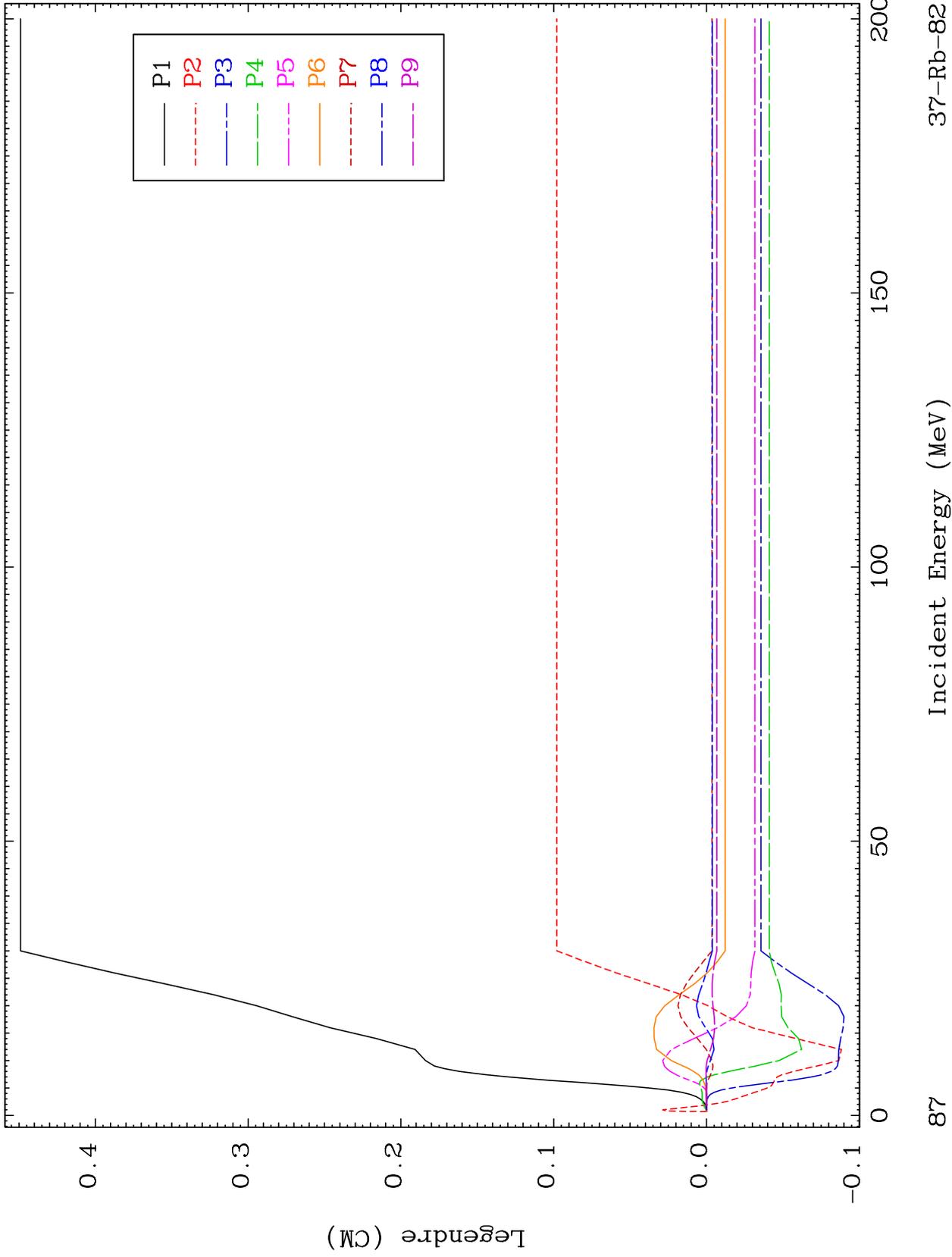




MAT 3716

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

37-Rb-82



37-Rb-82

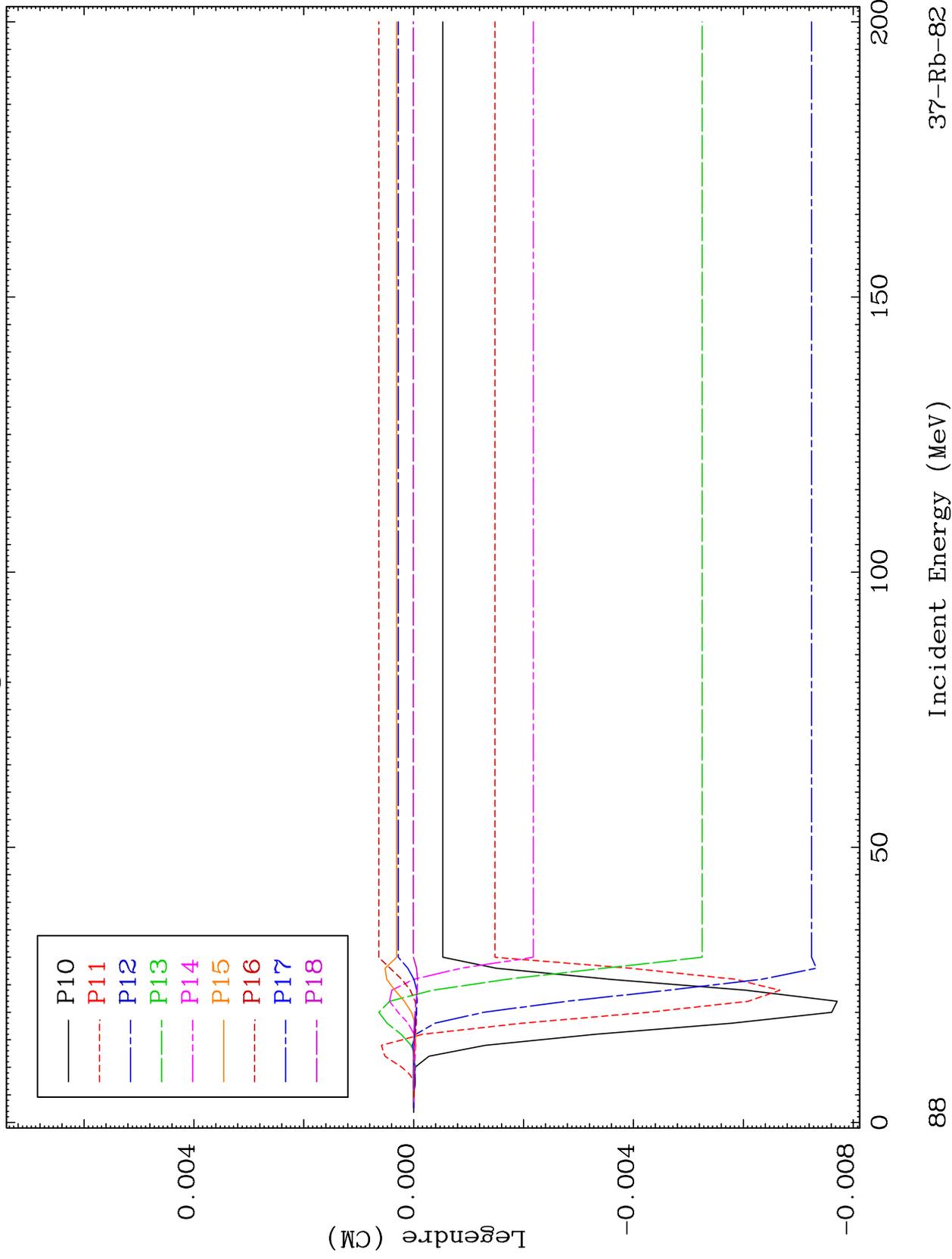
Incident Energy (MeV)

87

MAT 3716

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

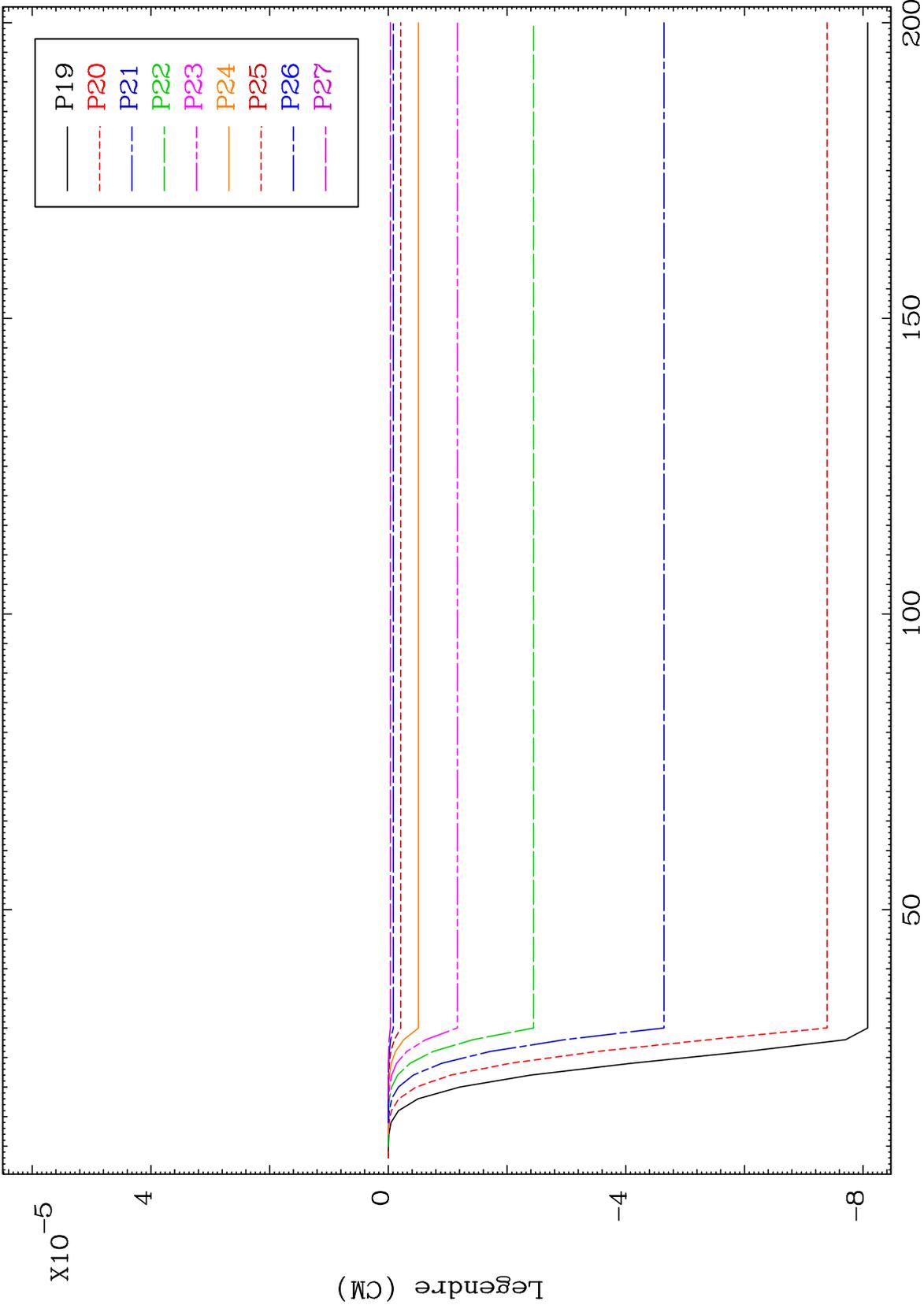
37-Rb-82



88

Incident Energy (MeV)

37-Rb-82

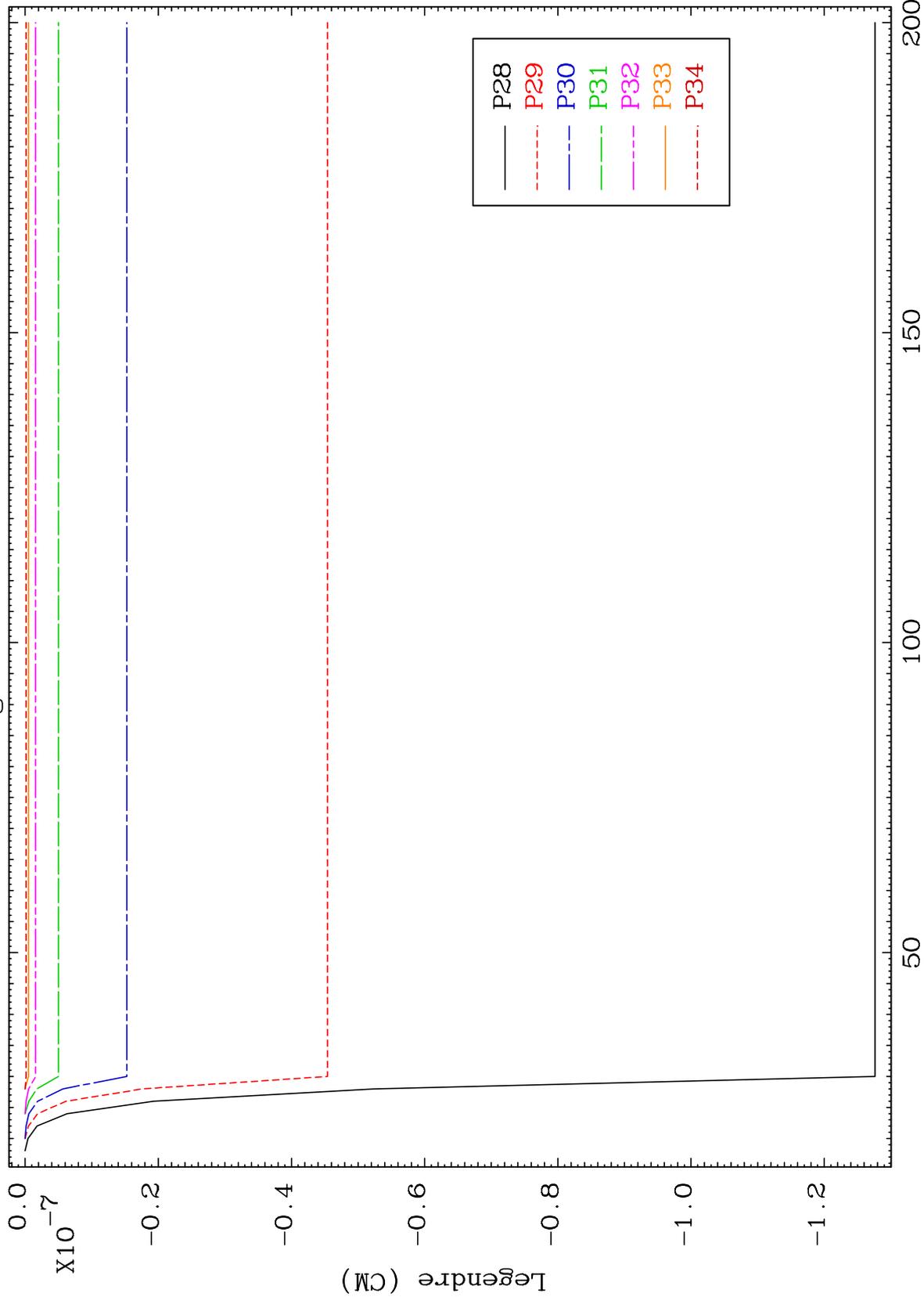


MAT 3716

MT= 71 (n,n') Level

37-Rb-82

Legendre Coefficients



90

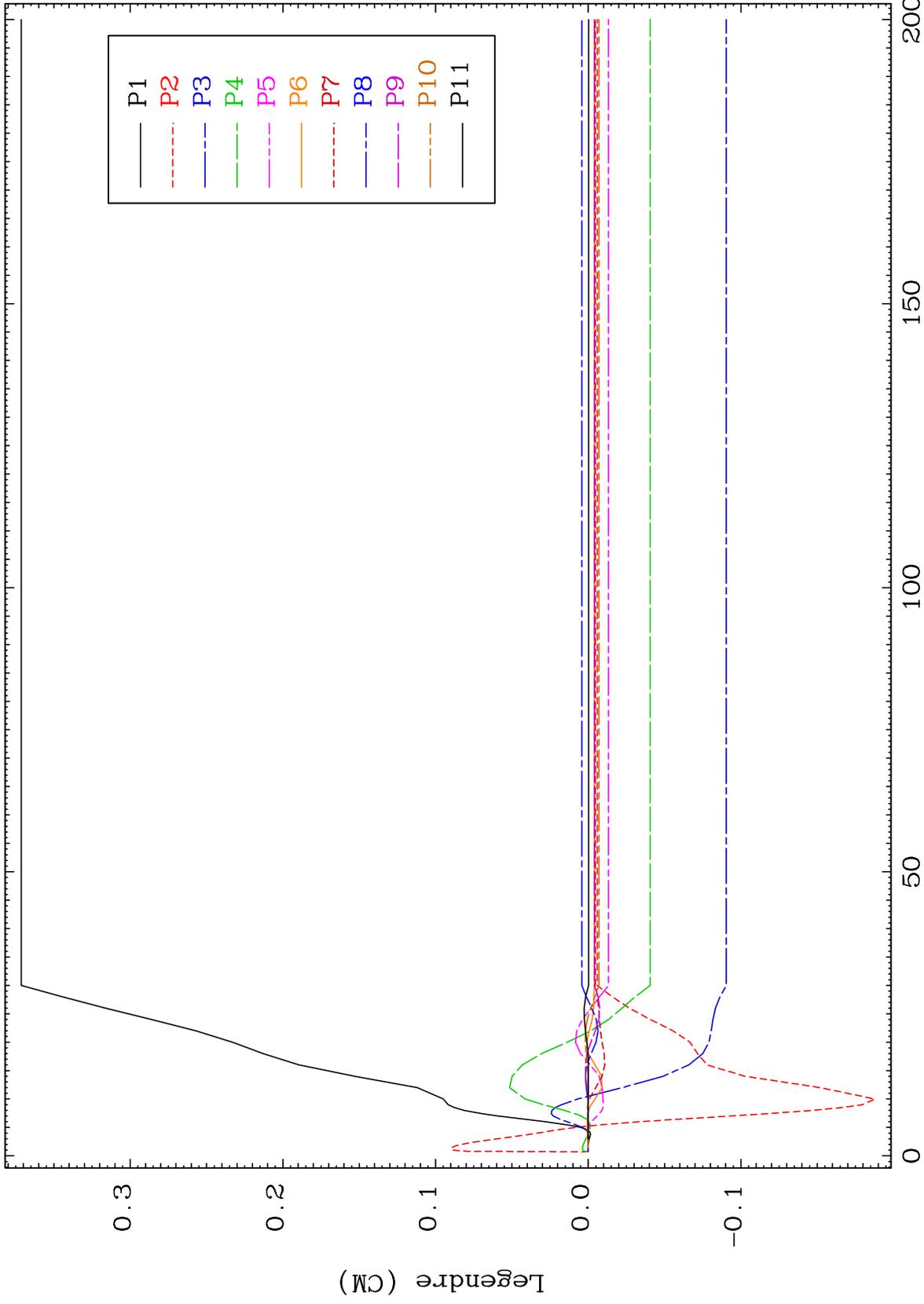
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

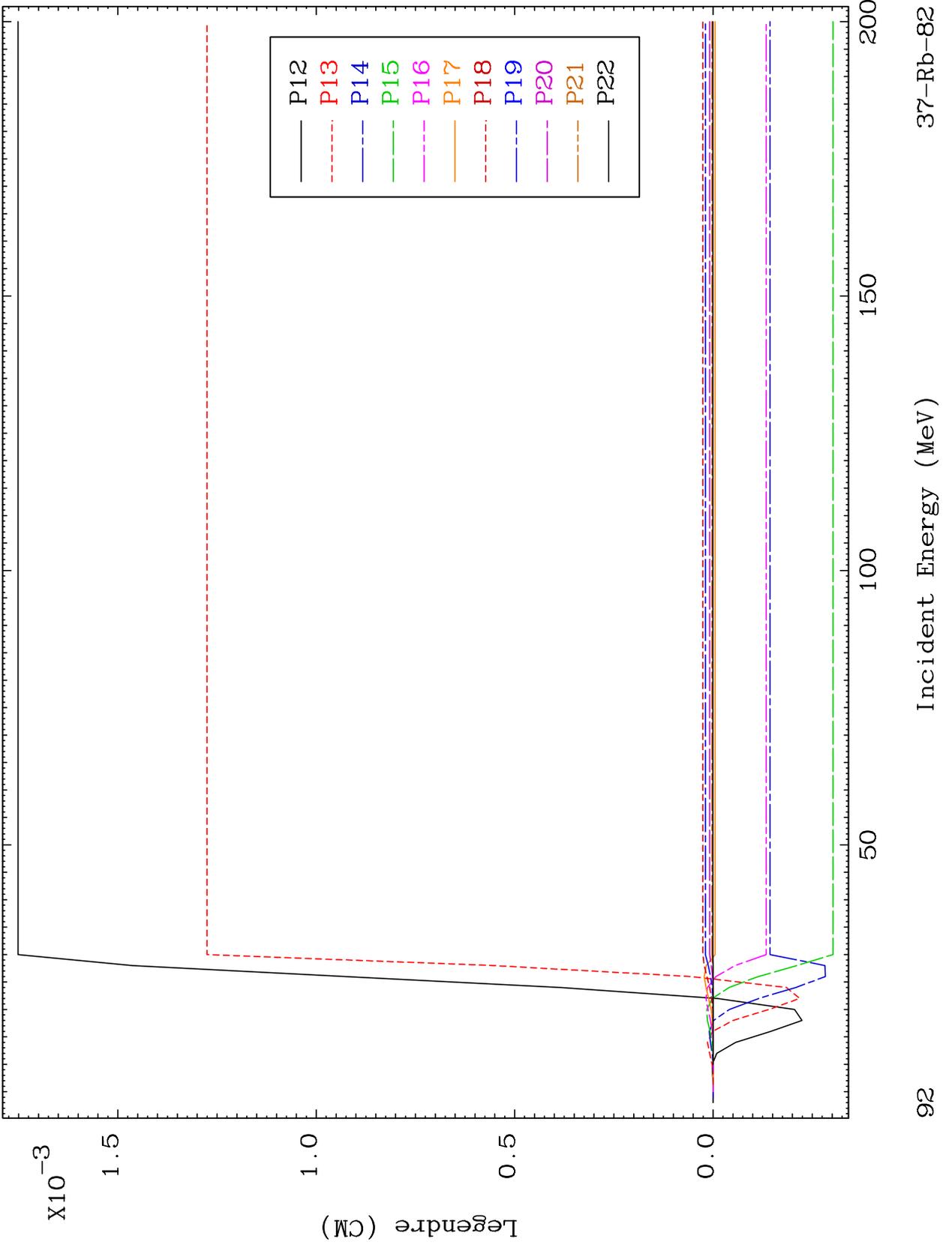
37-Rb-82



91

Incident Energy (MeV)

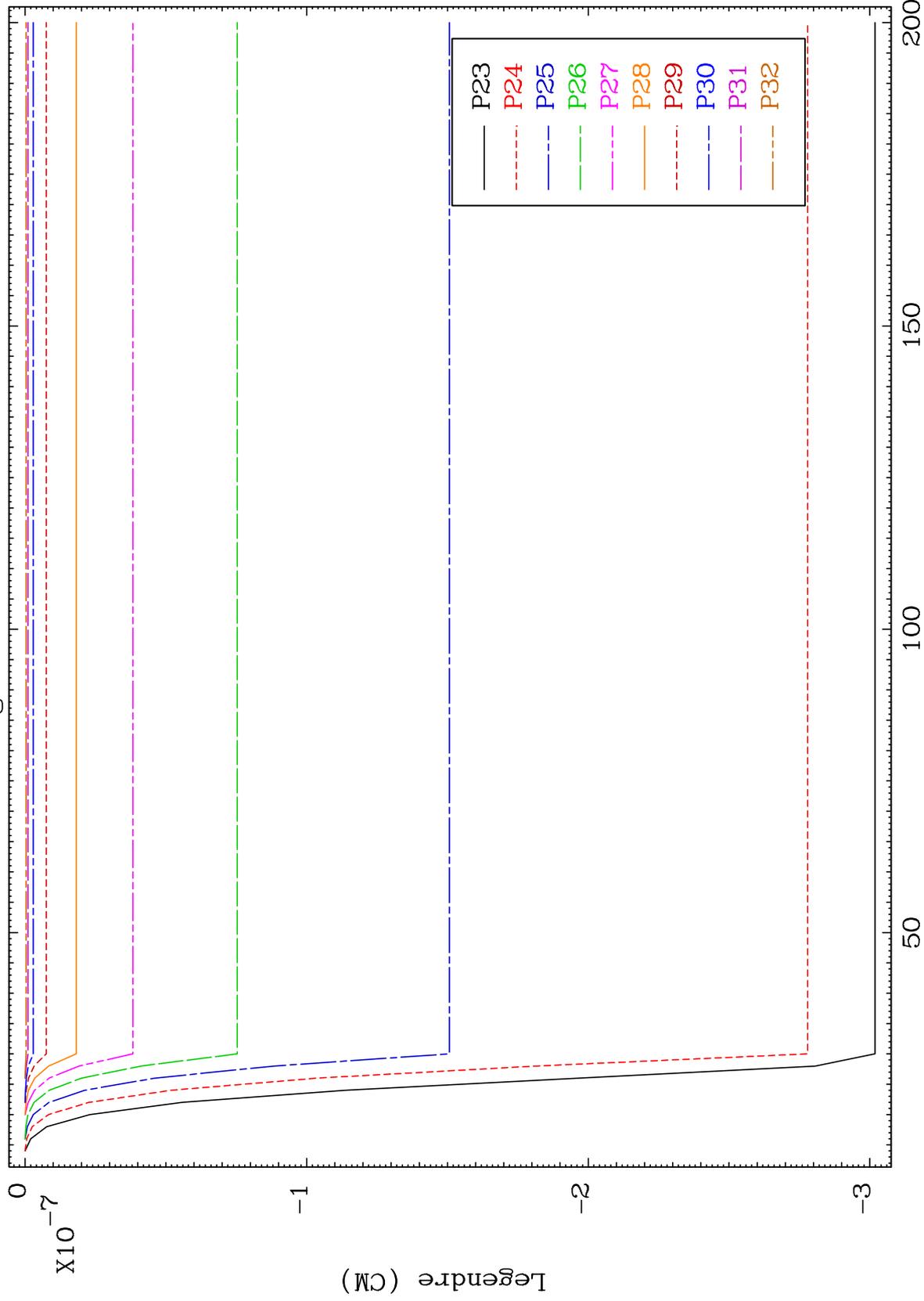
37-Rb-82



MAT 3716

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

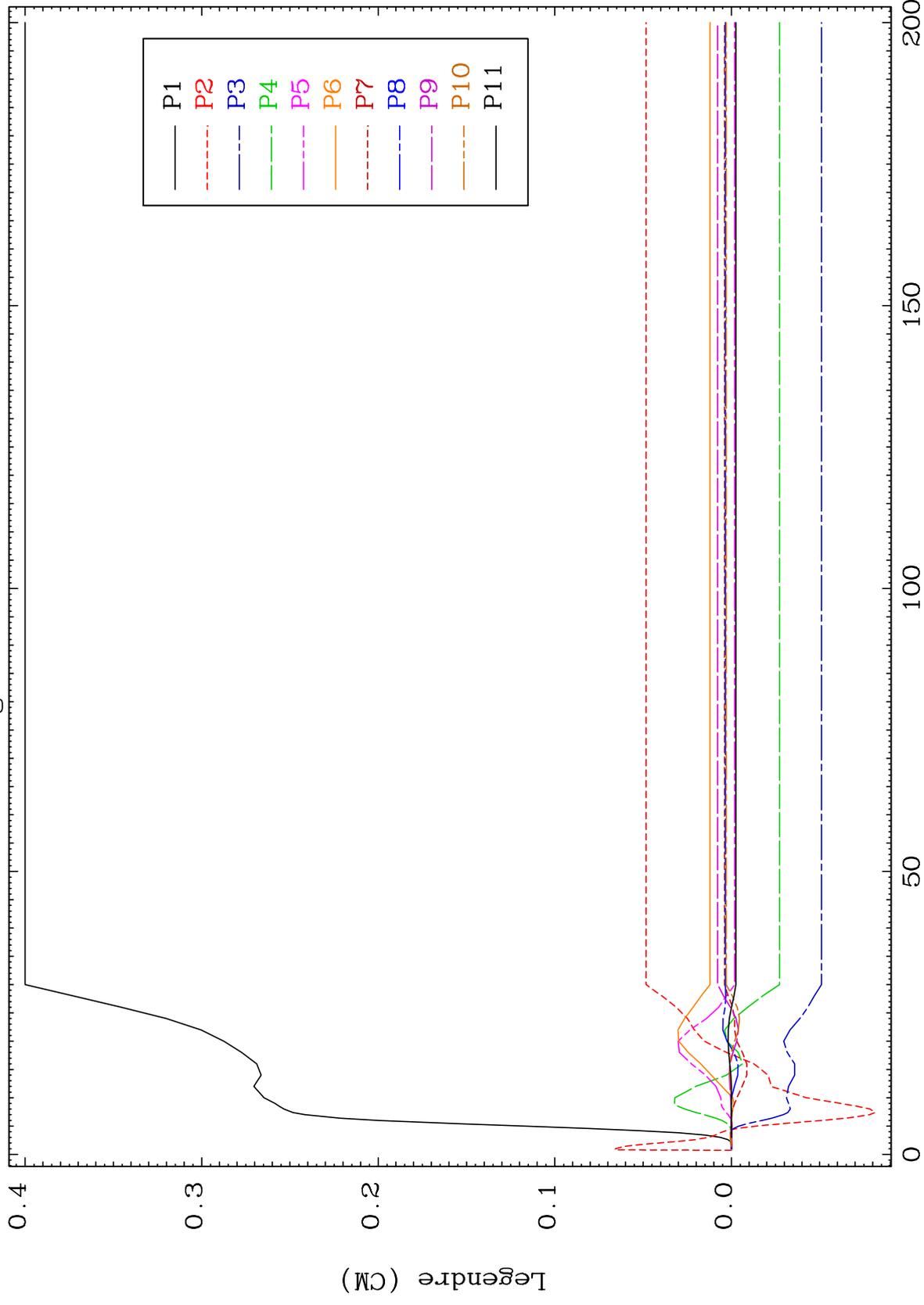
37-Rb-82



93

Incident Energy (MeV)

37-Rb-82

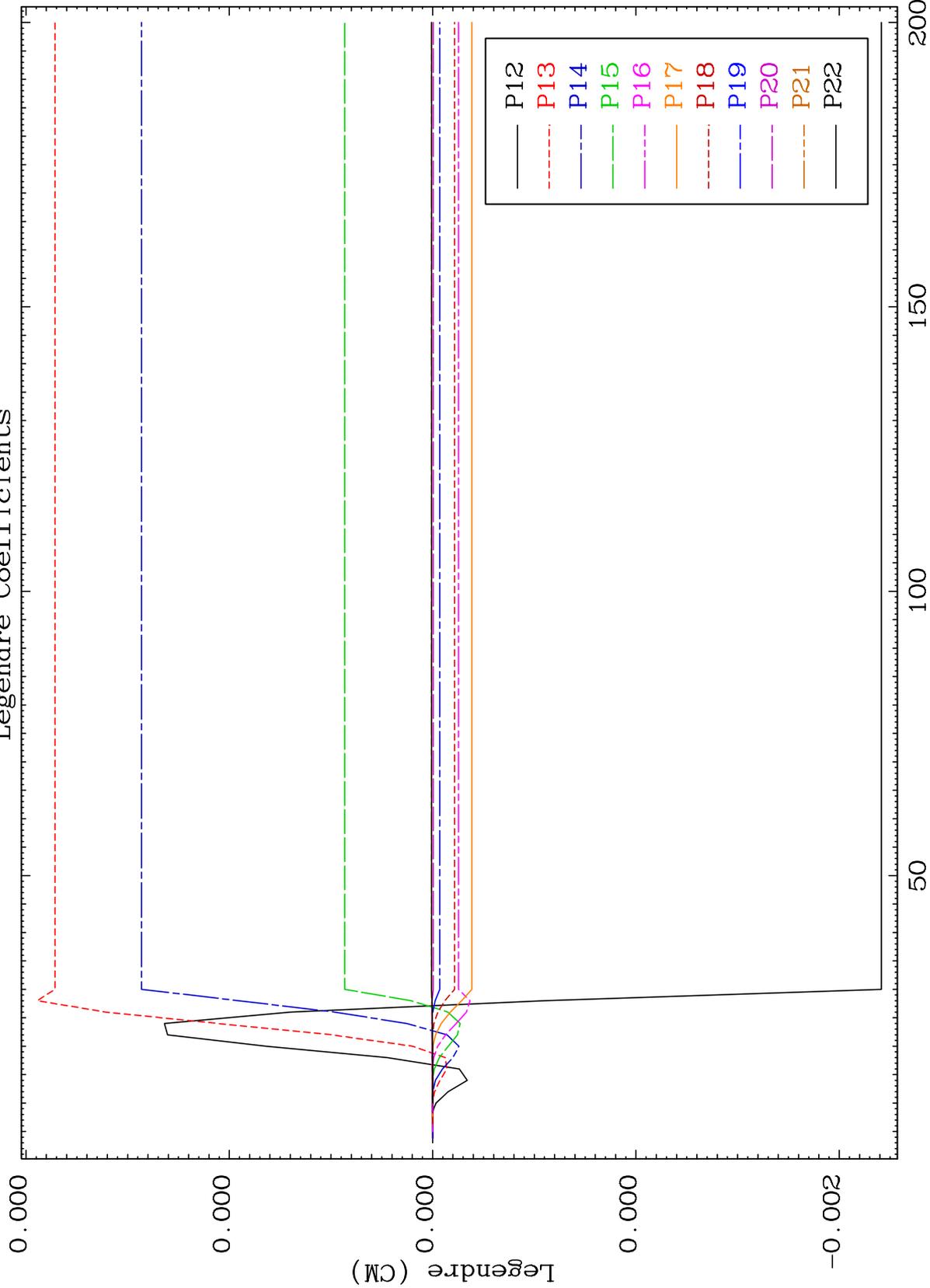


MAT 3716

MT= 73 (n,n') Level

37-Rb-82

Legendre Coefficients



37-Rb-82

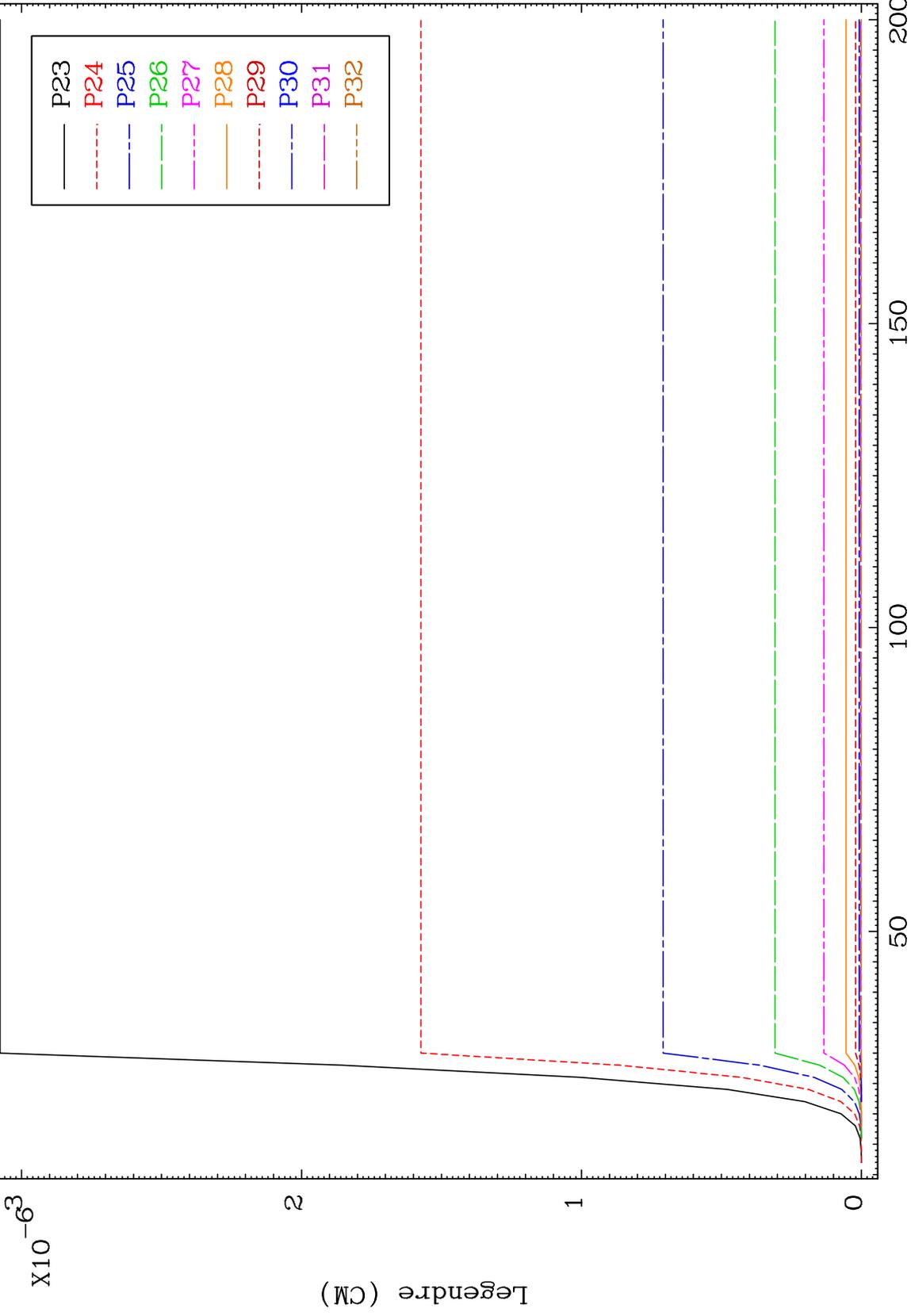
Incident Energy (MeV)

95

MAT 3716

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

37-Rb-82



96

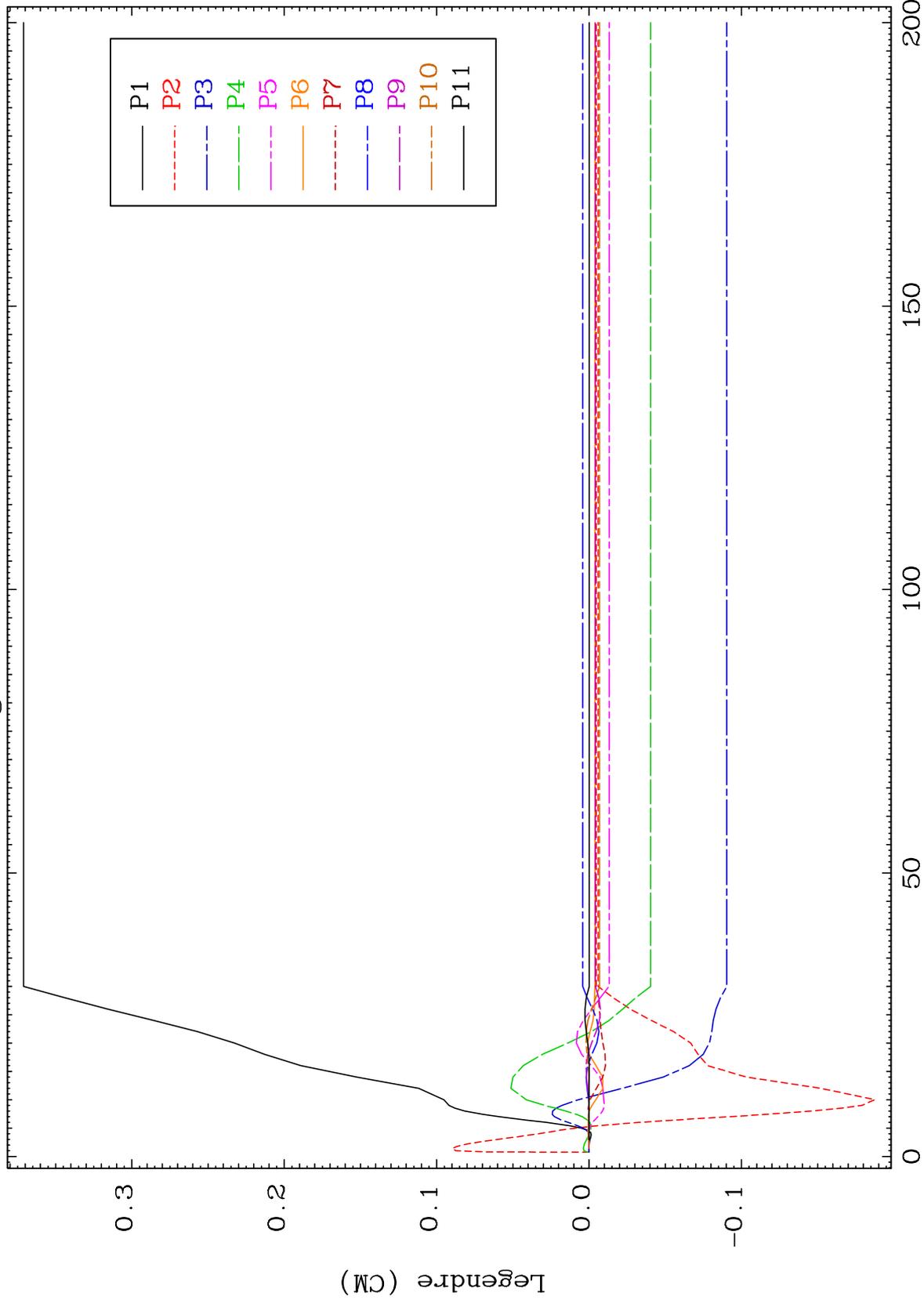
Incident Energy (MeV)

37-Rb-82

MAT 3716

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

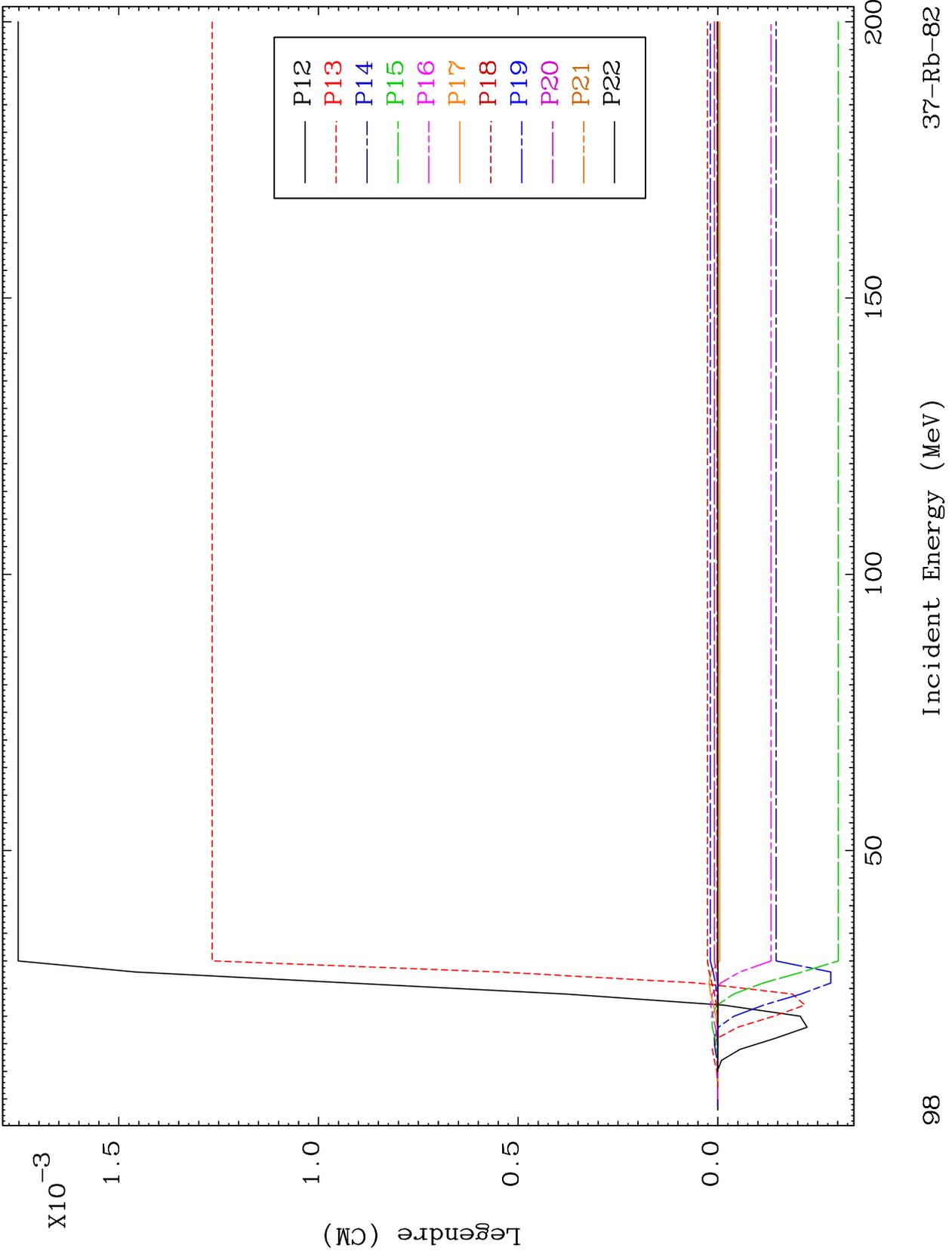
37-Rb-82



97

Incident Energy (MeV)

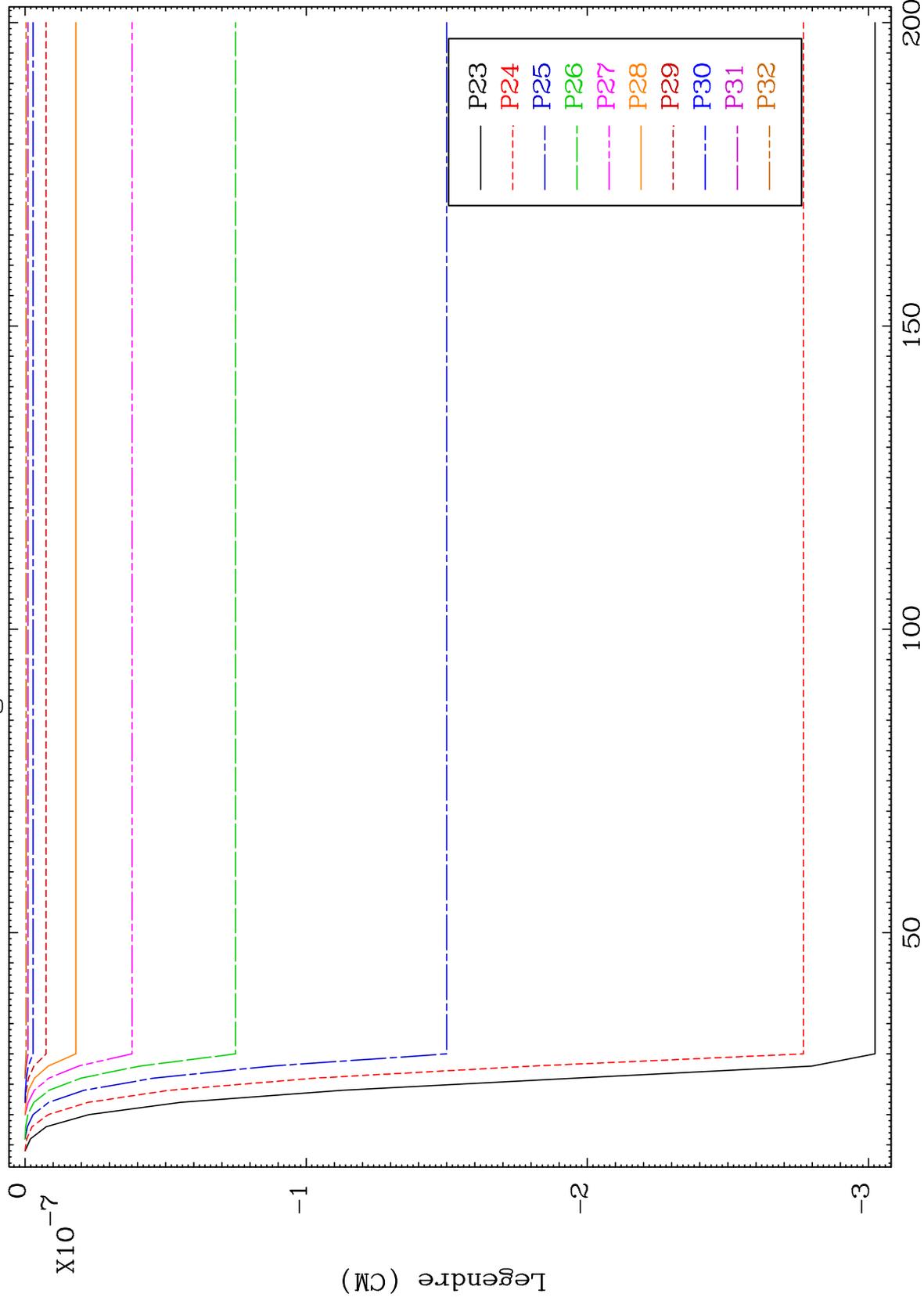
37-Rb-82



MAT 3716

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

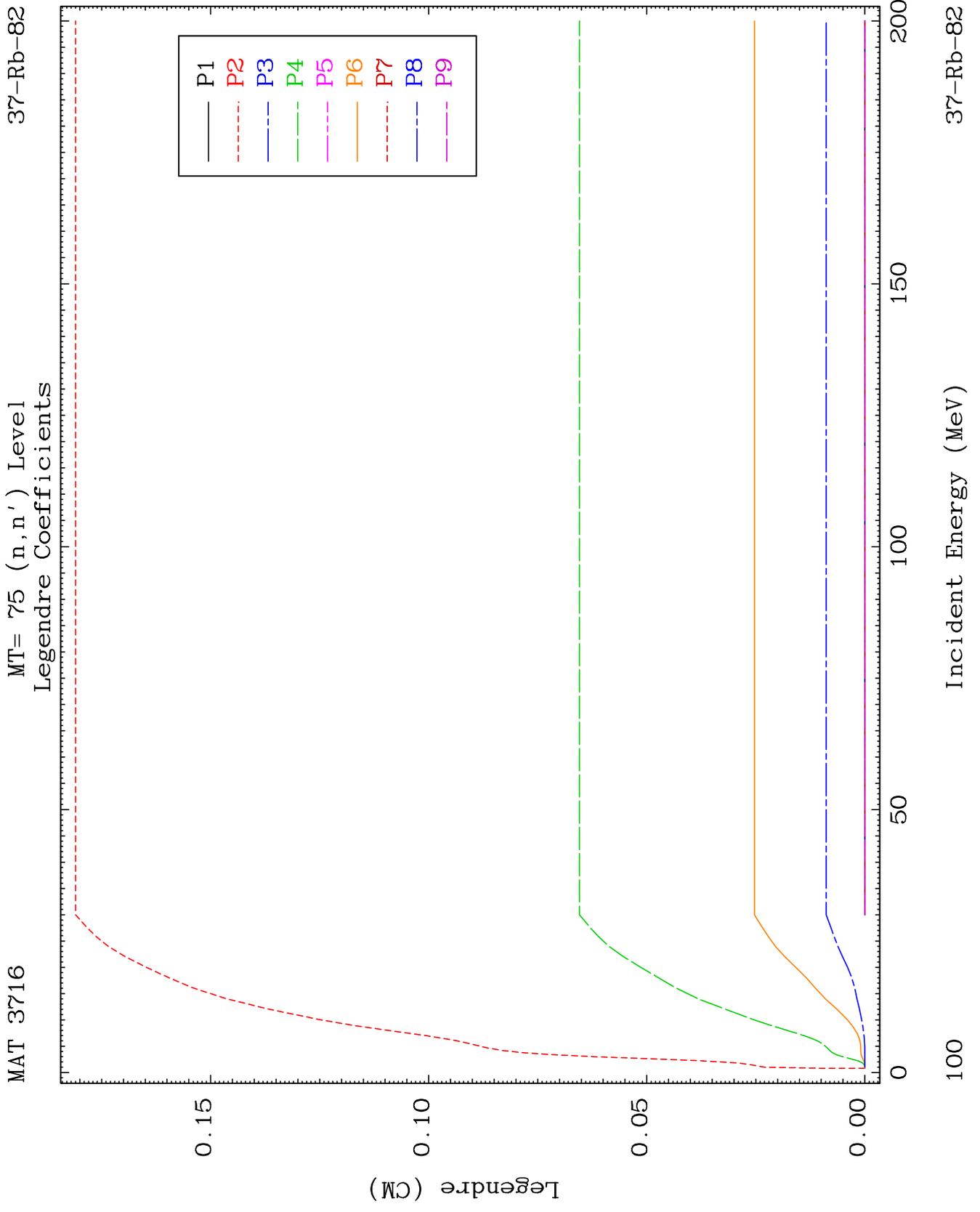
37-Rb-82



99

Incident Energy (MeV)

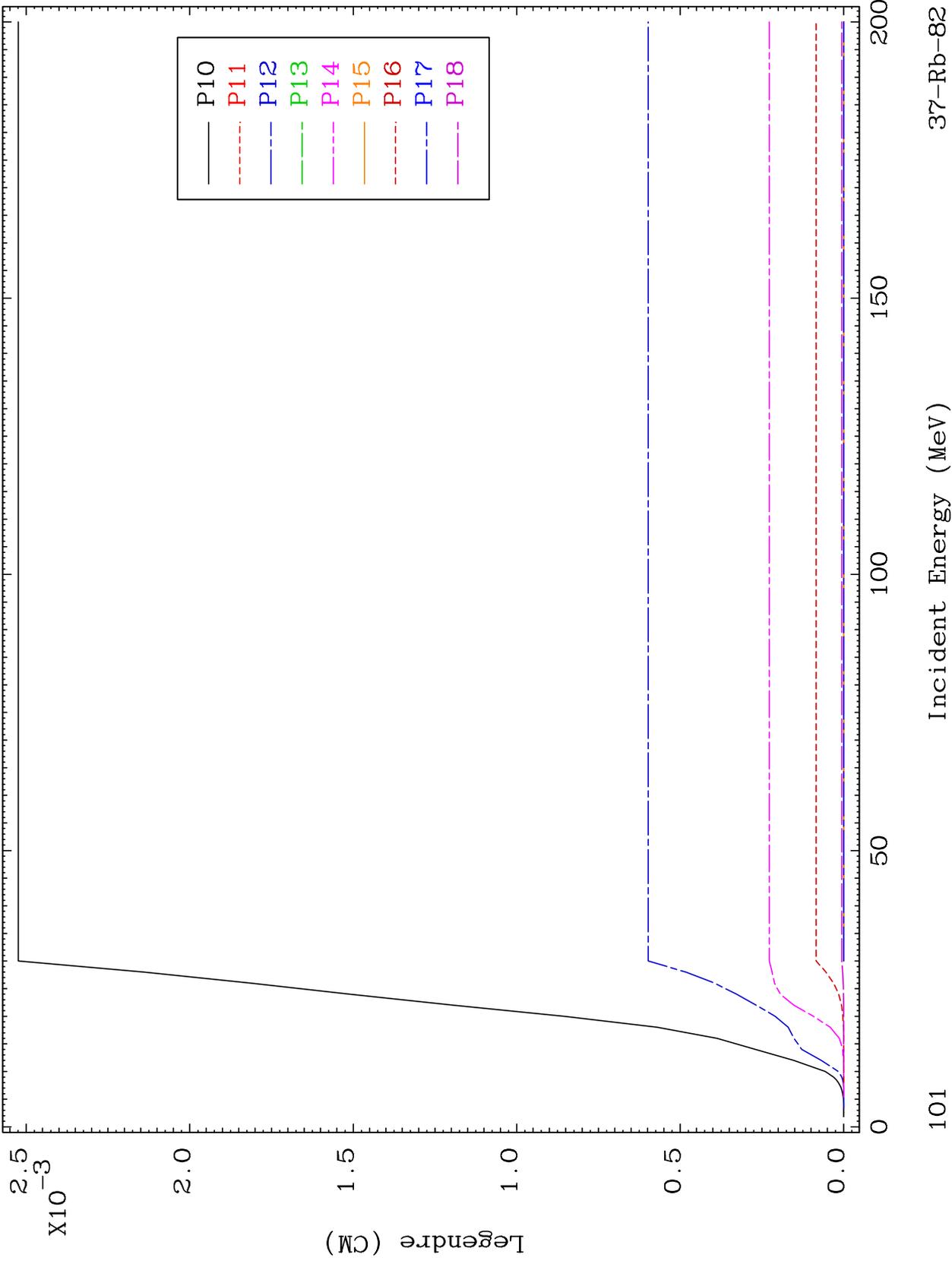
37-Rb-82



MAT 3716

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

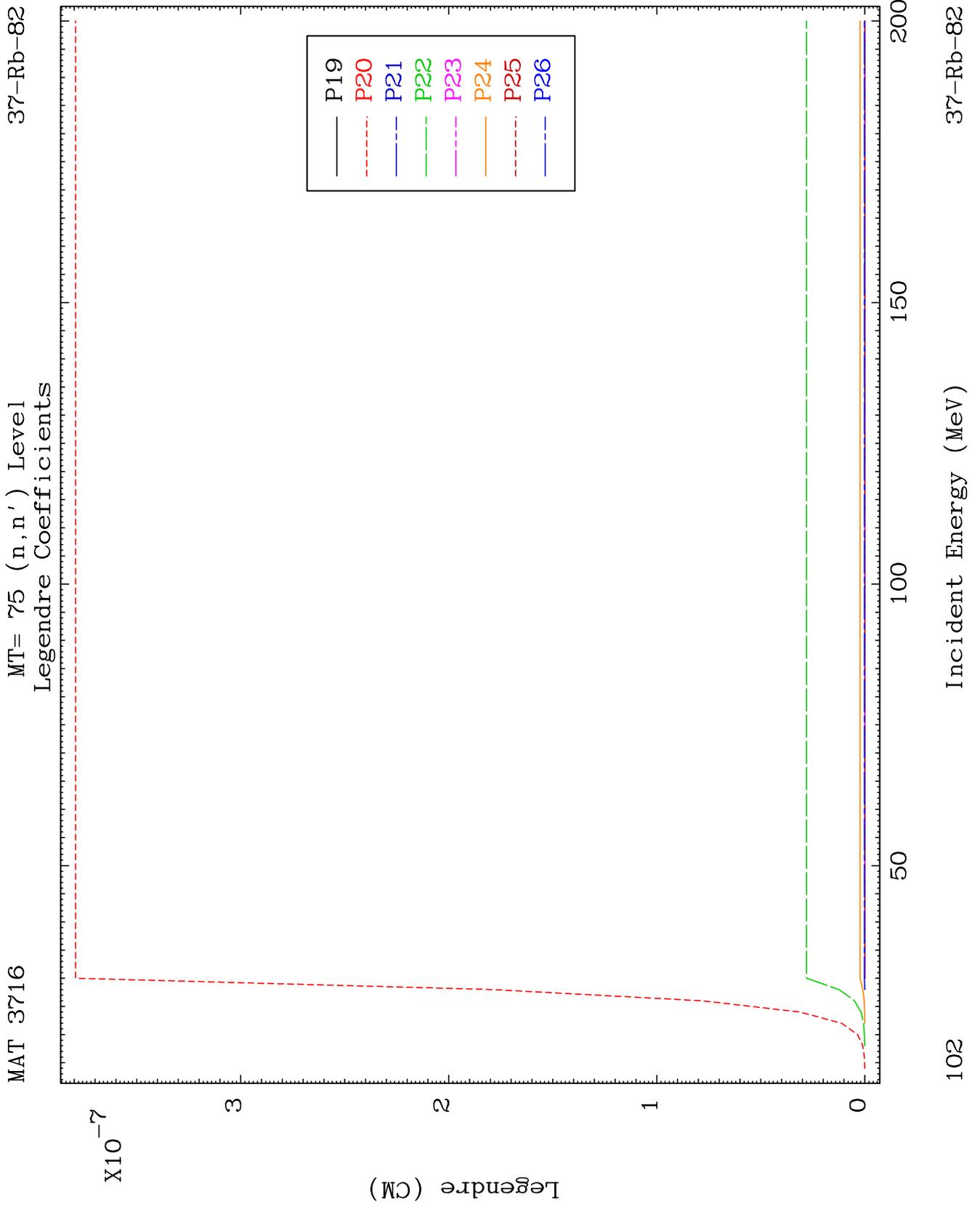
37-Rb-82



101

Incident Energy (MeV)

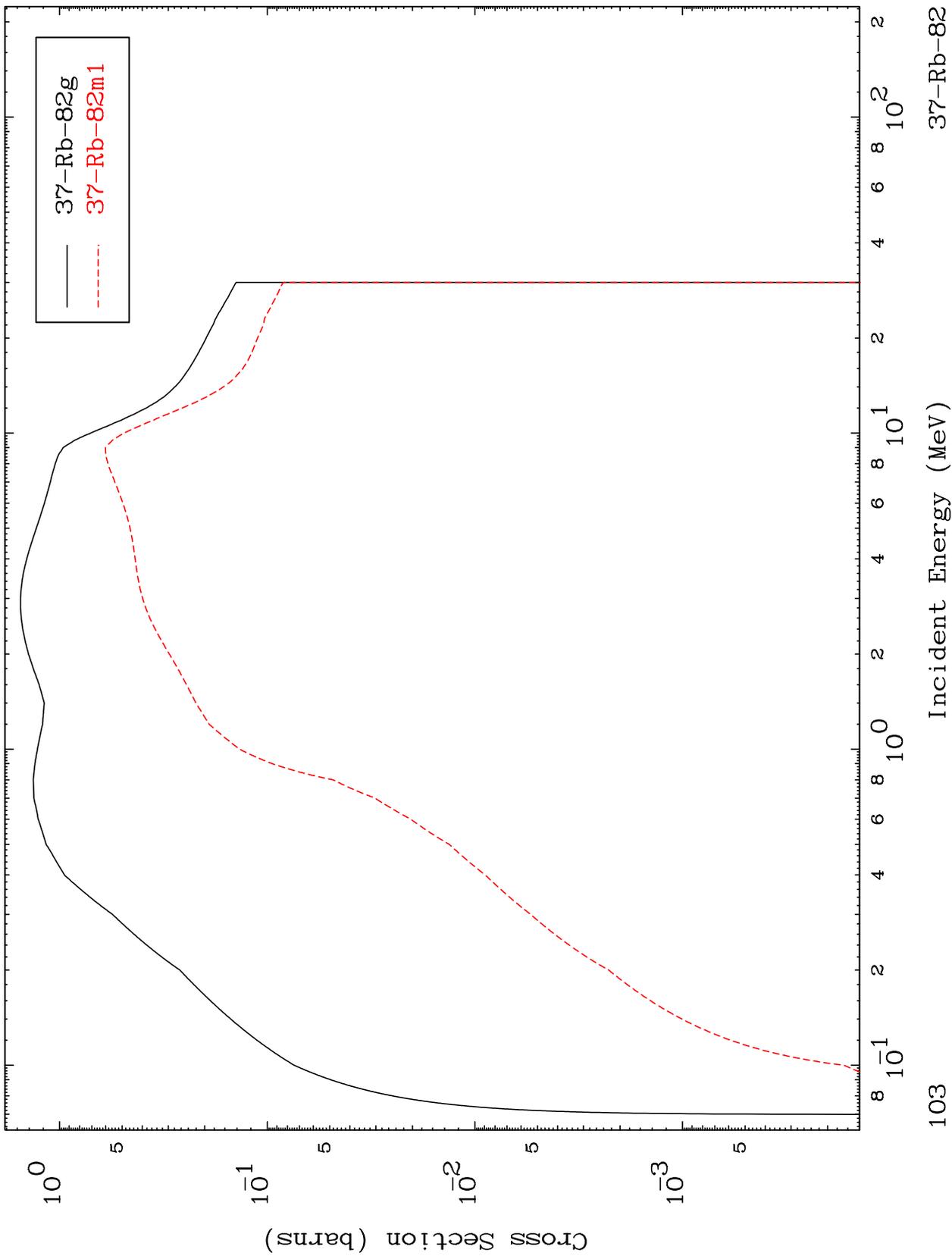
37-Rb-82



MAT 3716

37-Rb-82

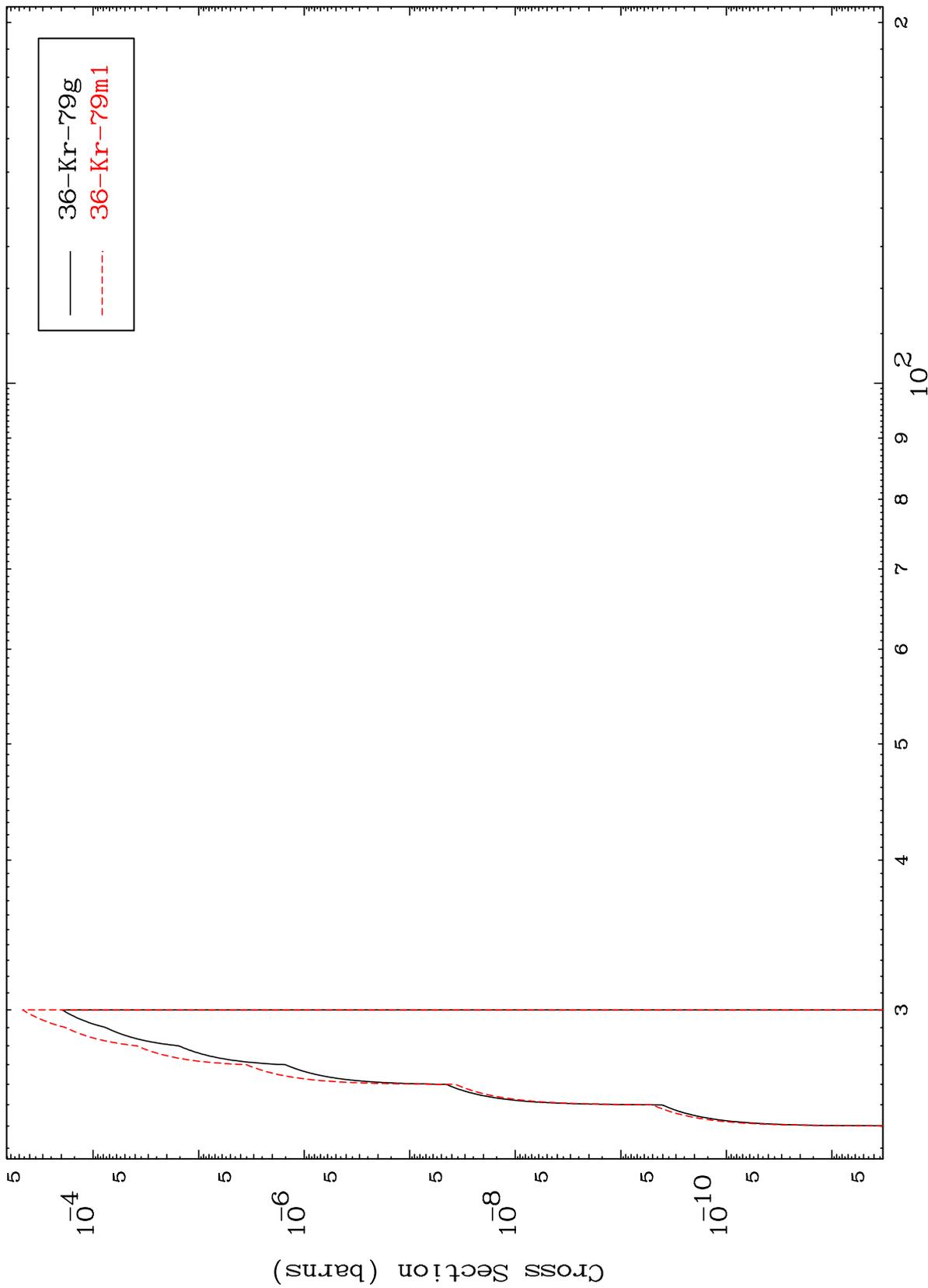
Inelastic
Radionuclide Production Cross Section



103

37-Rb-82

Radionuclide Production Cross Section

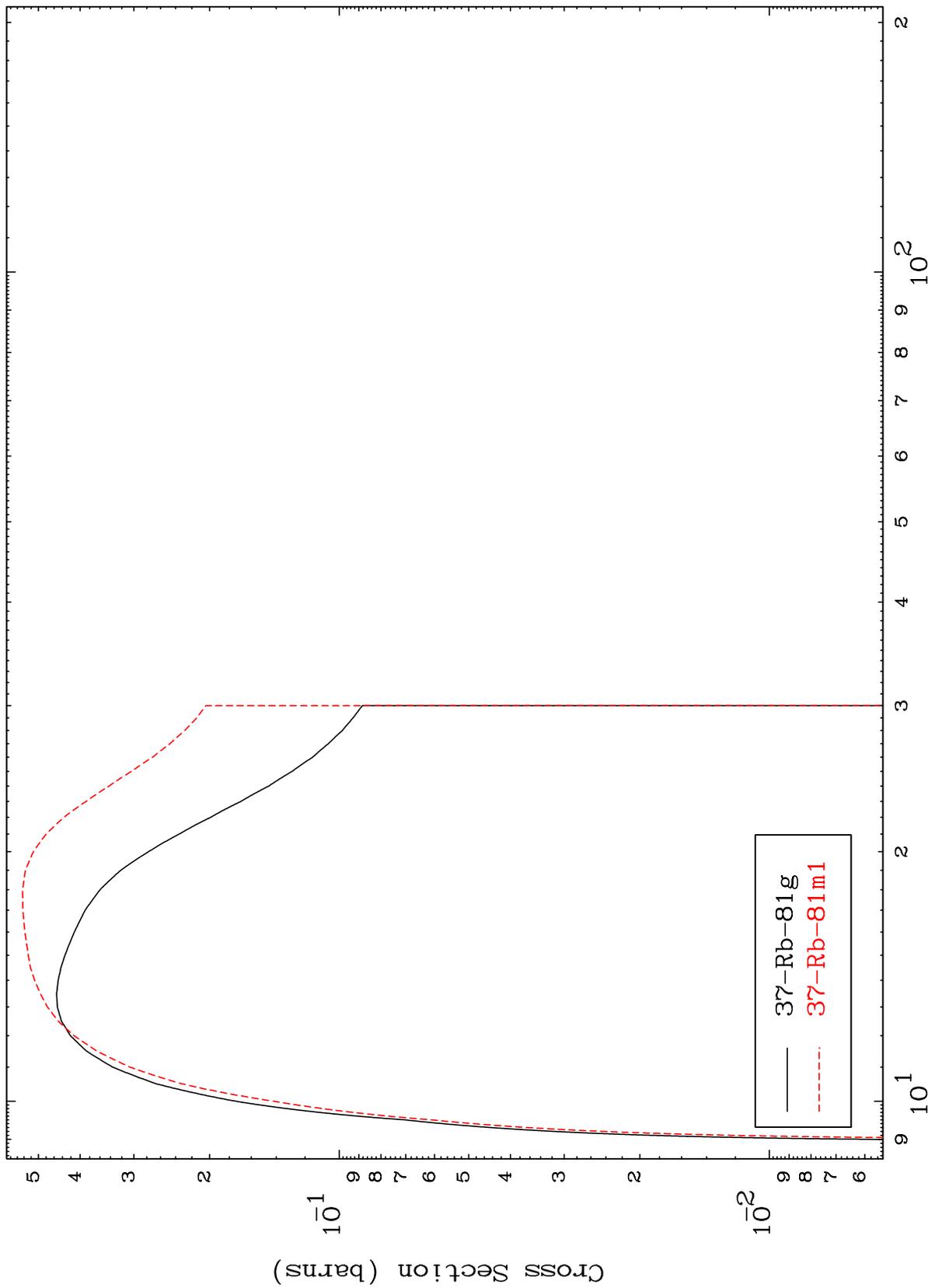


MAT 3716

37-Rb-82

Radionuclide Production Cross Section

(n,2n)



37-Rb-82

Incident Energy (MeV)

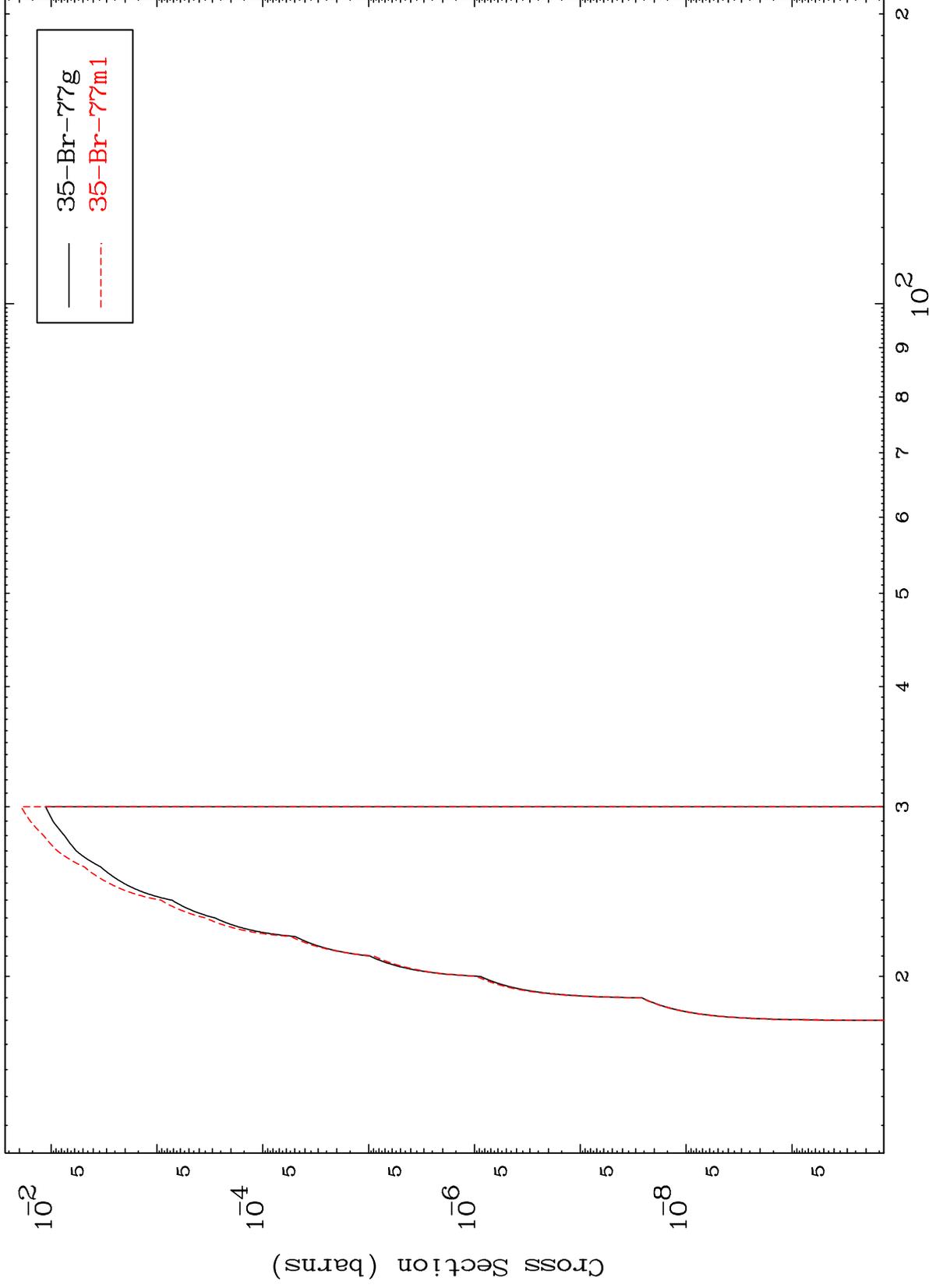
105

MAT 3716

$(n,2n) \alpha$

37-Rb-82

Radionuclide Production Cross Section



106

Incident Energy (MeV)

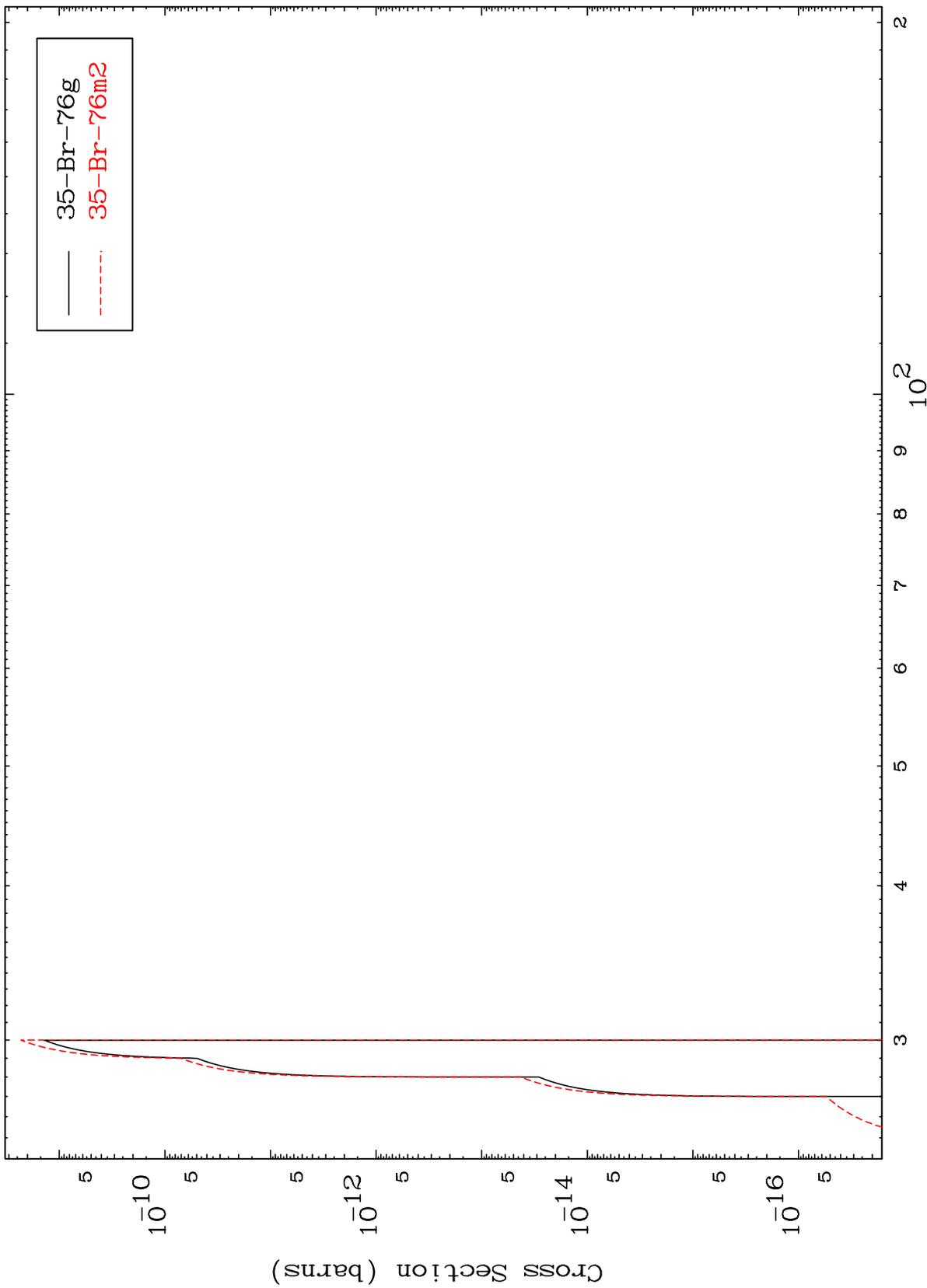
37-Rb-82

MAT 3716

$(n,3n) \alpha$

37-Rb-82

Radionuclide Production Cross Section

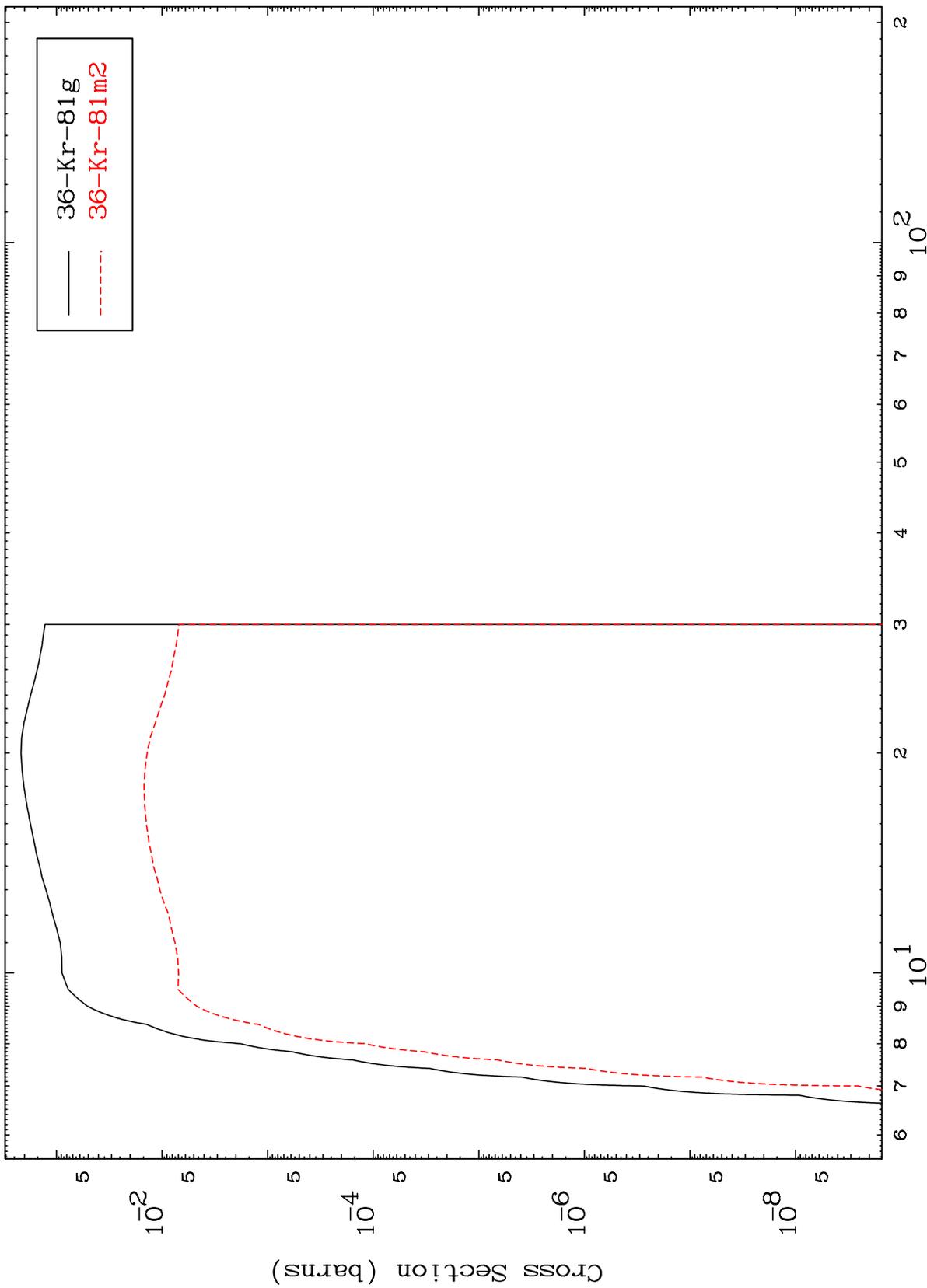


107

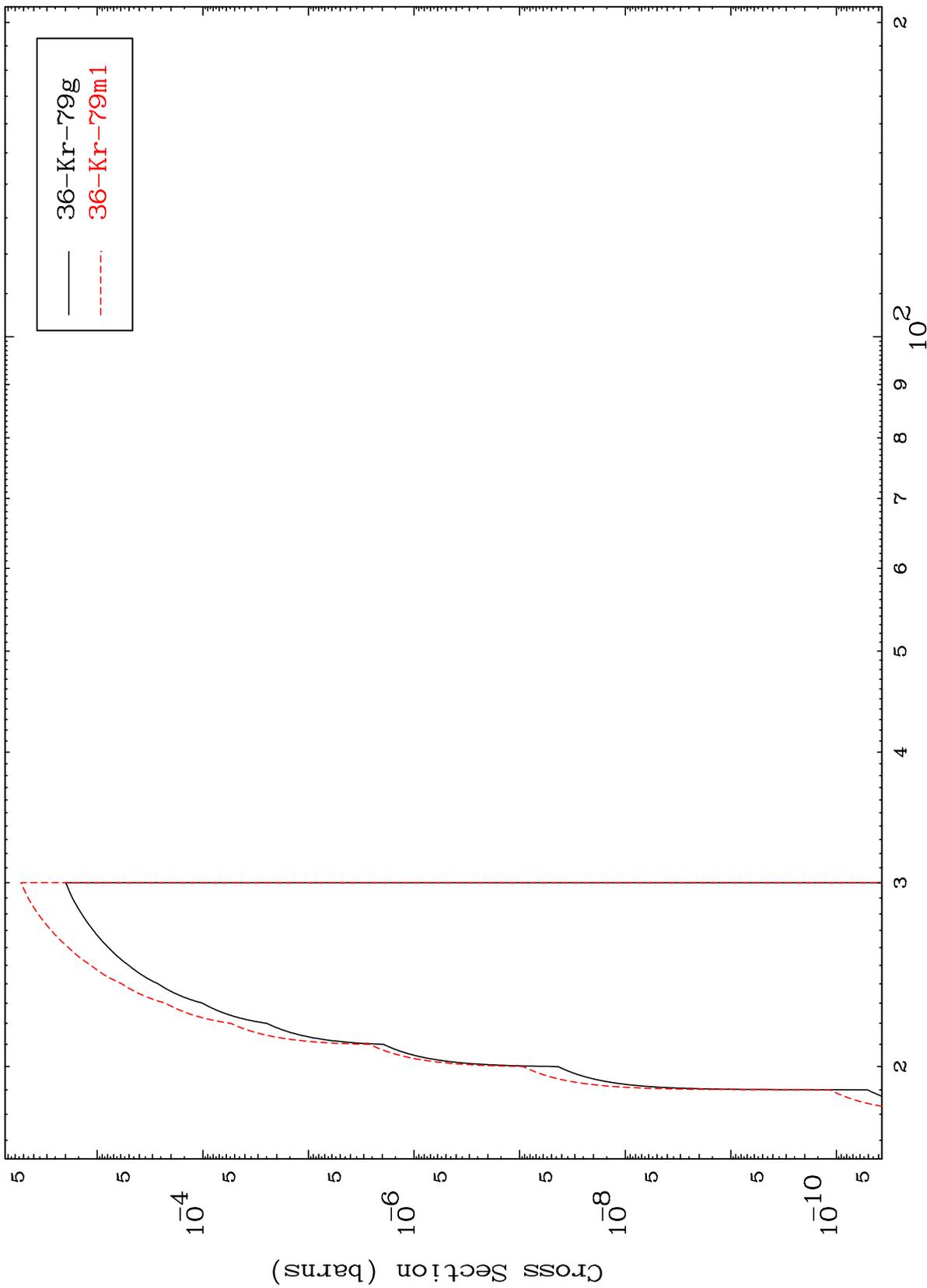
Incident Energy (MeV)

37-Rb-82

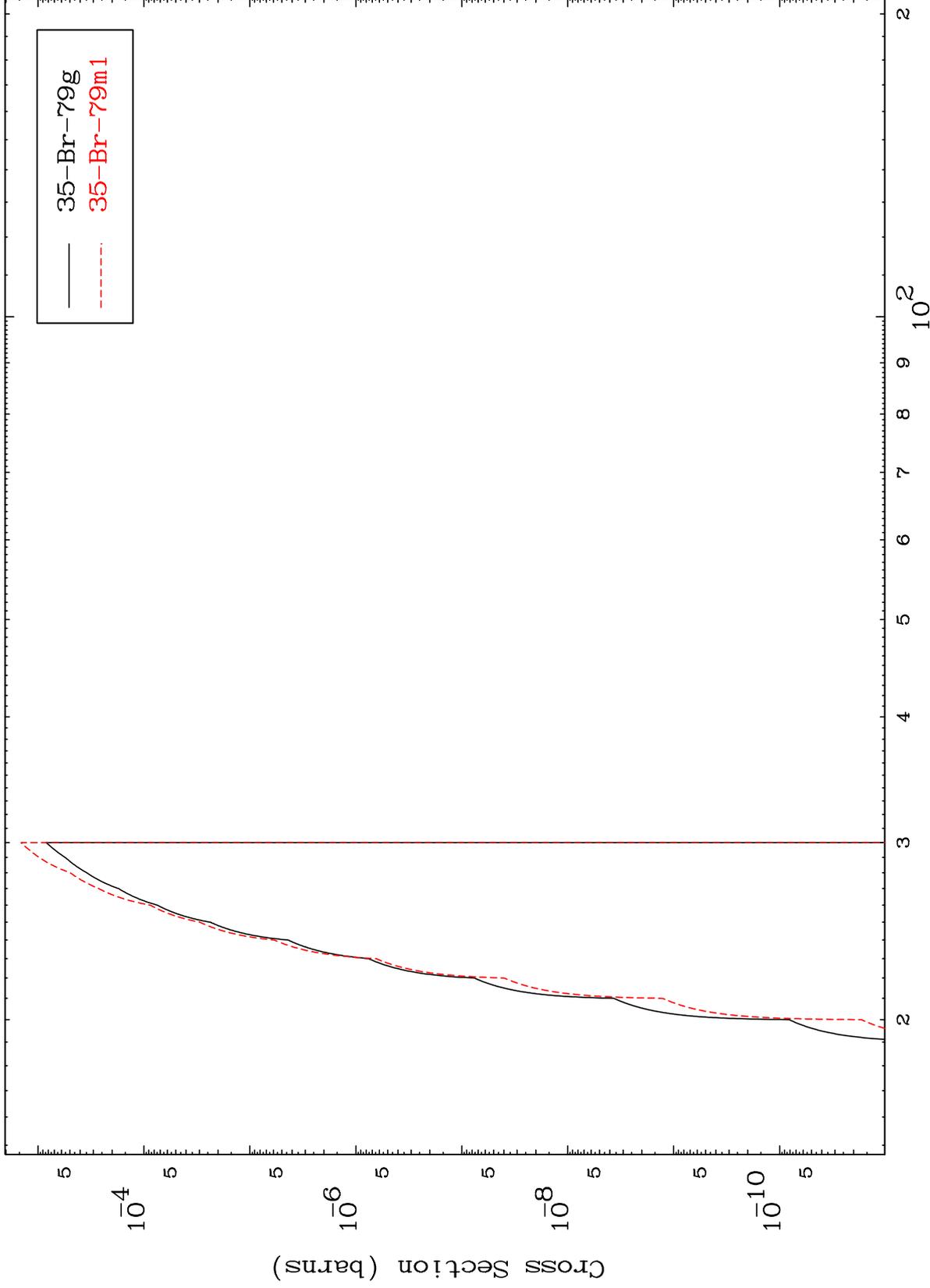
(n,n') p
Radionuclide Production Cross Section



Radionuclide Production Cross Section



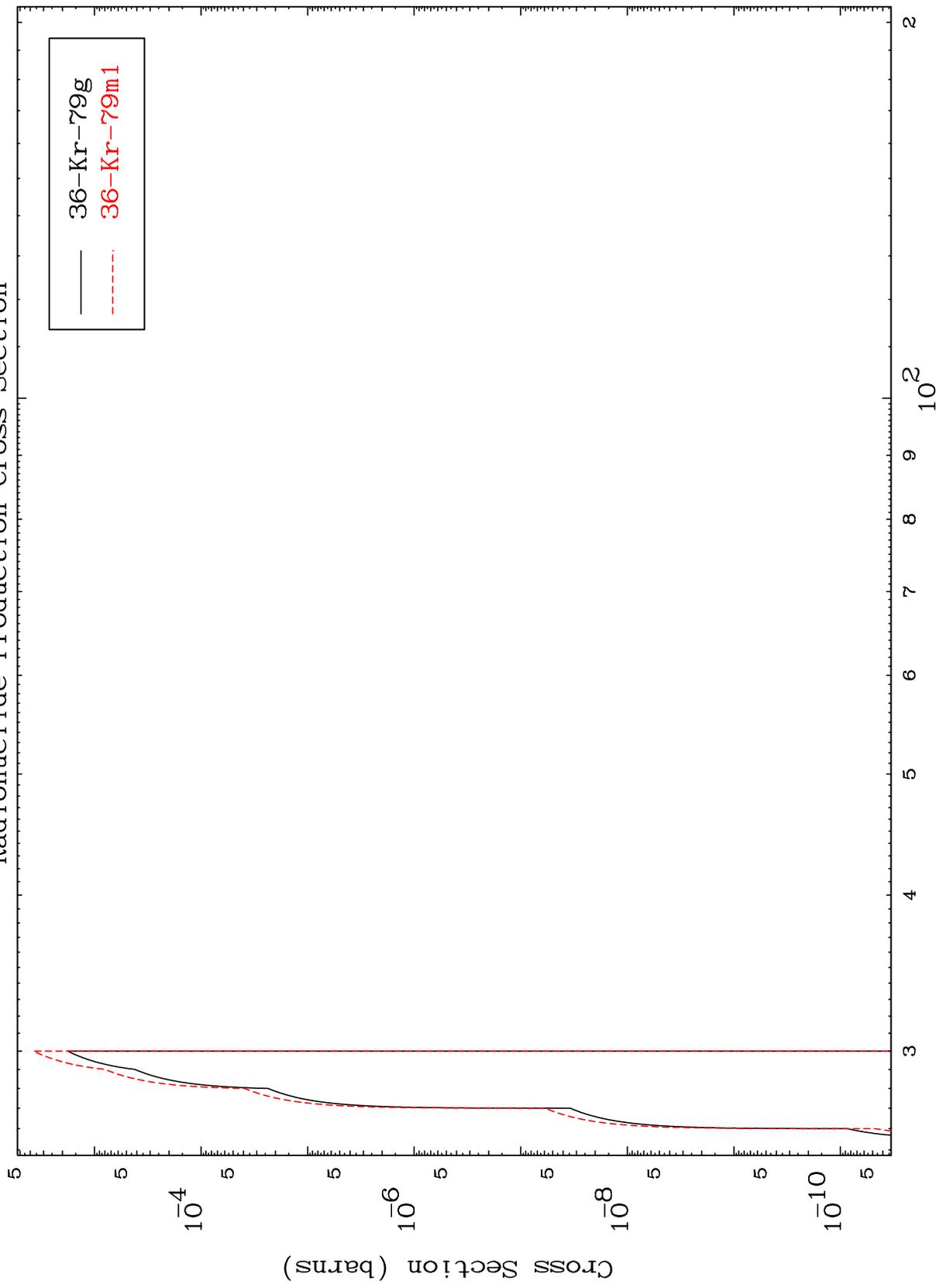
Radionuclide Production Cross Section



MAT 3716

37-Rb-82

(n,3n) p
Radionuclide Production Cross Section

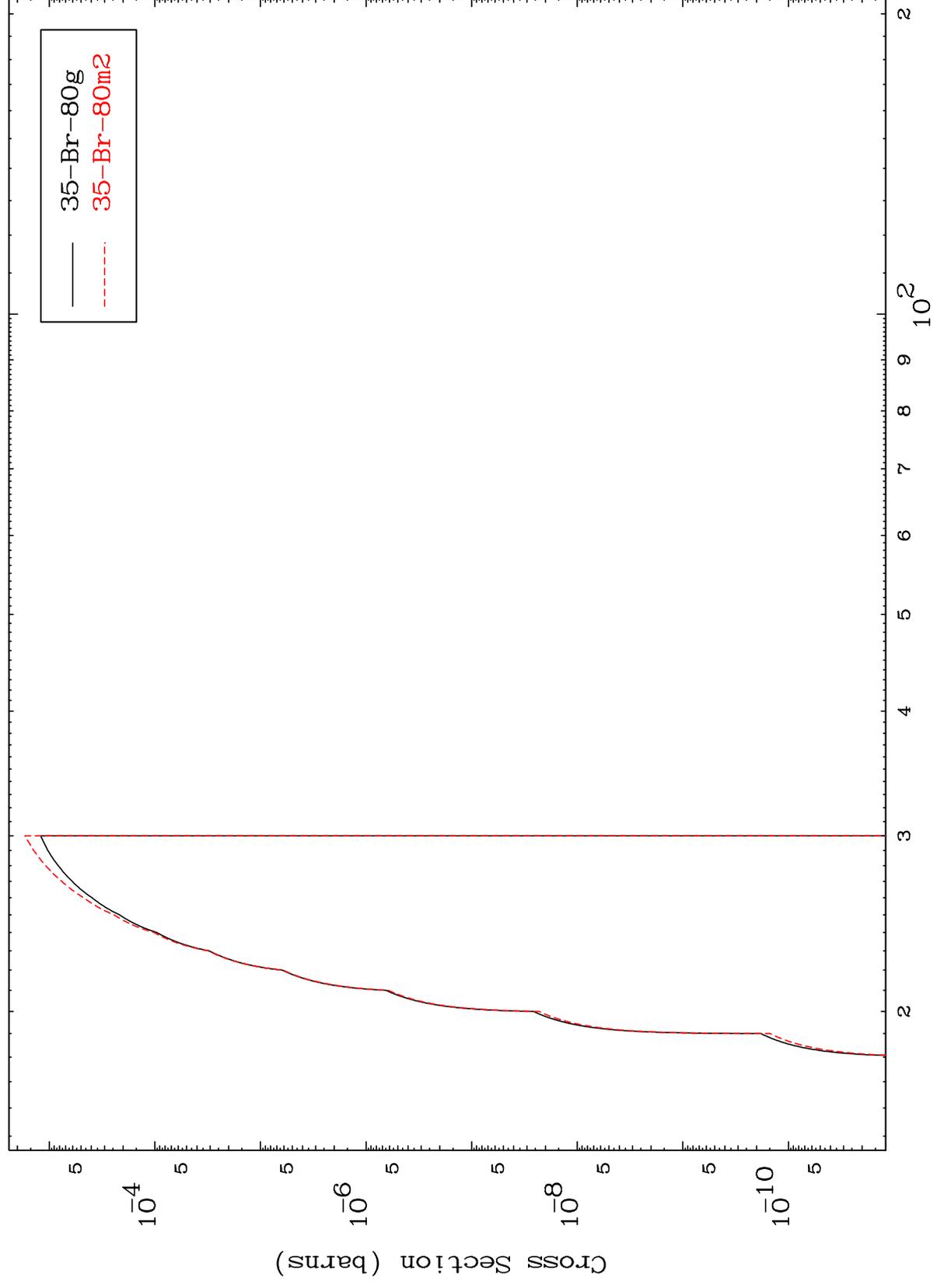


111

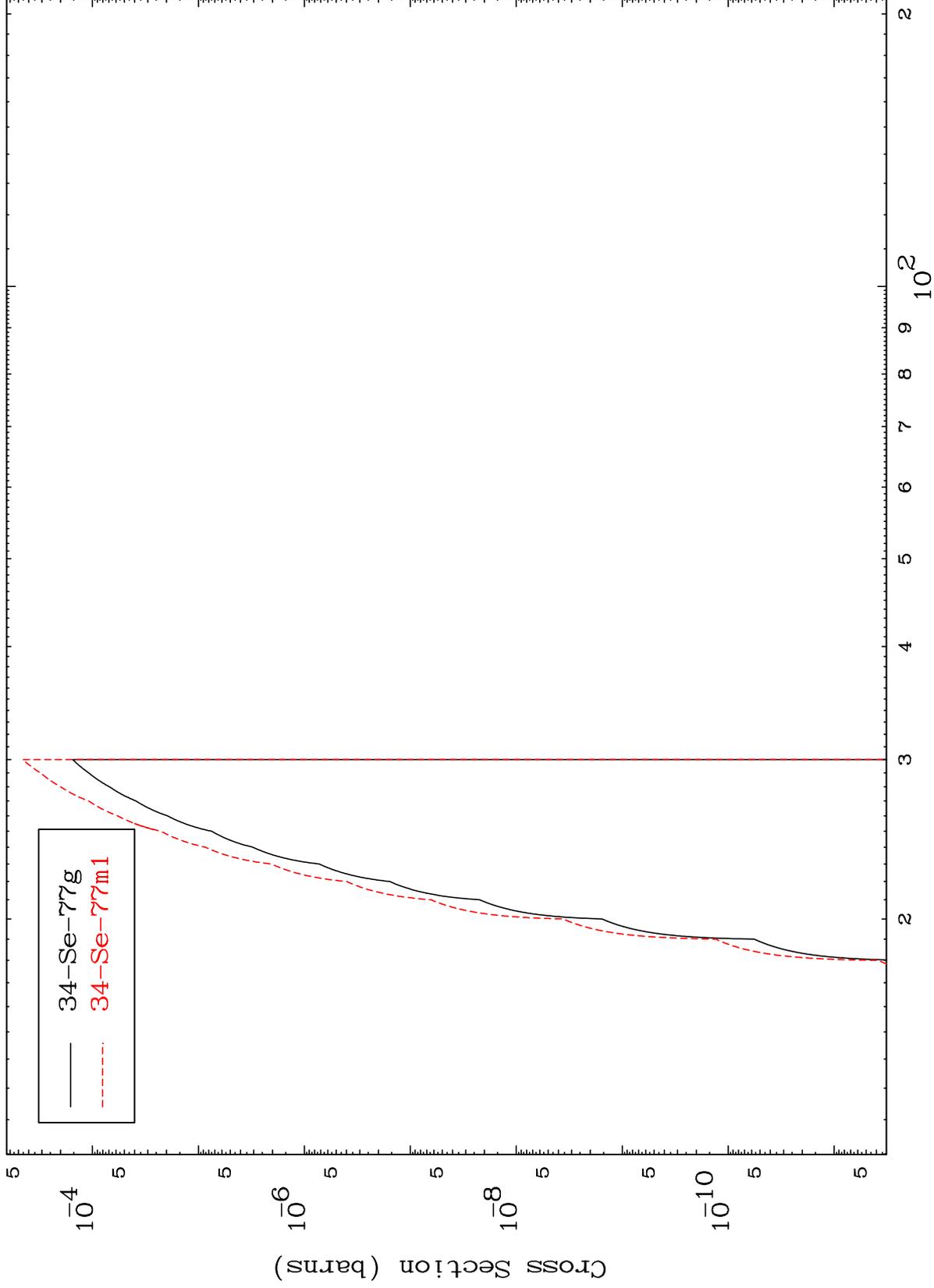
Incident Energy (MeV)

37-Rb-82

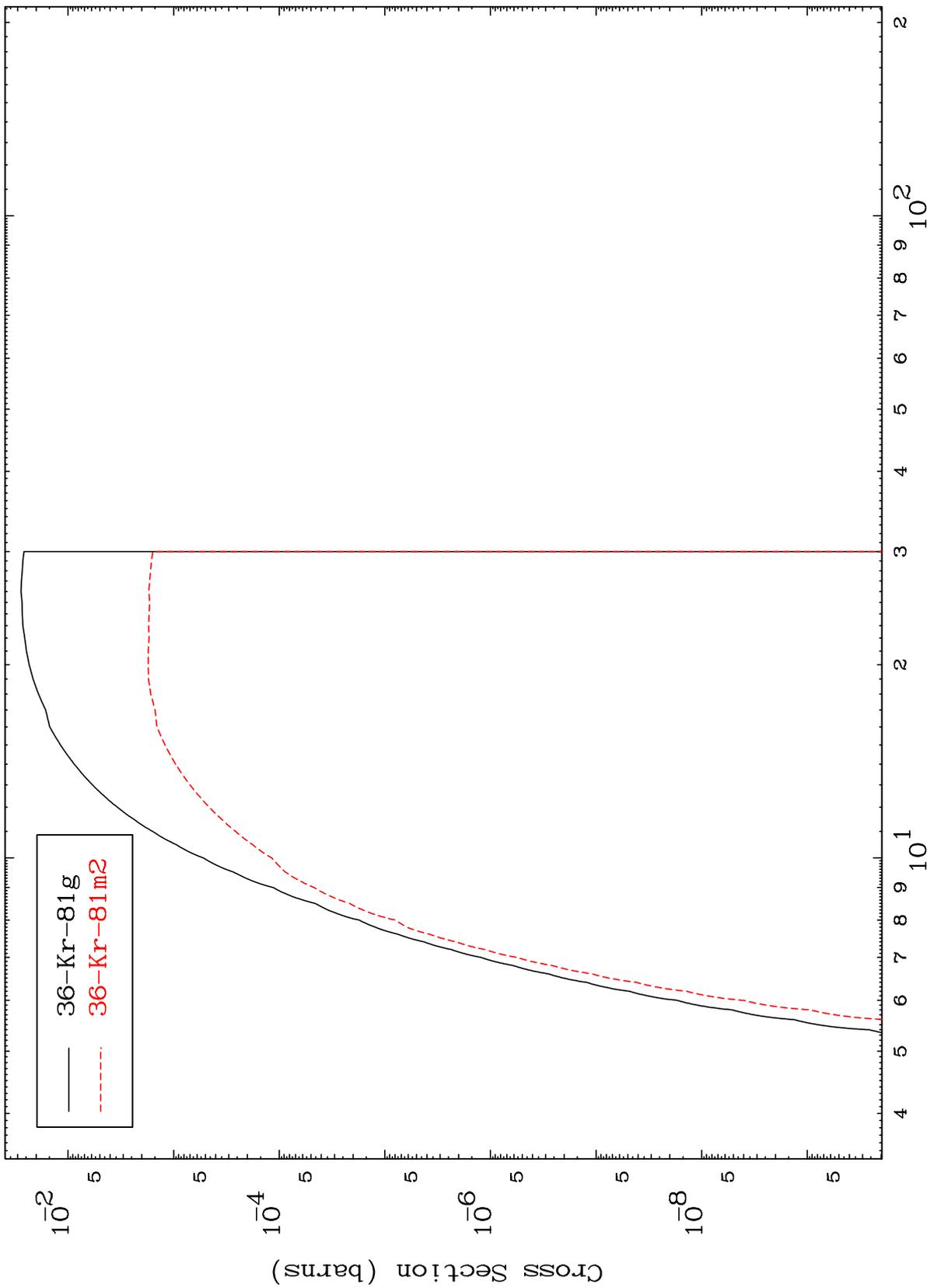
Radionuclide Production Cross Section



Radionuclide Production Cross Section



(n,d)
Radionuclide Production Cross Section

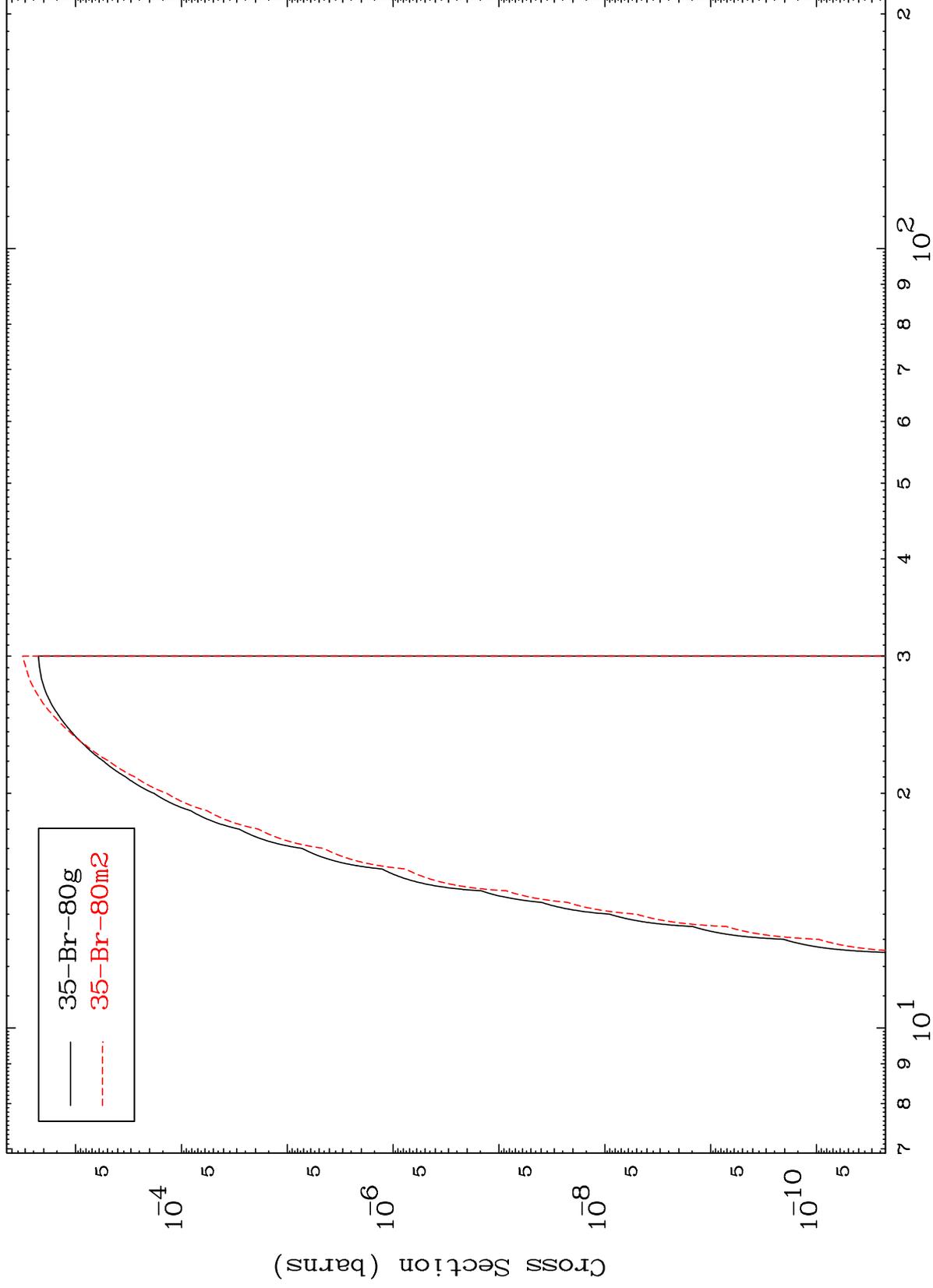


MAT 3716

(n,He-3)

37-Rb-82

Radionuclide Production Cross Section



115

Incident Energy (MeV)

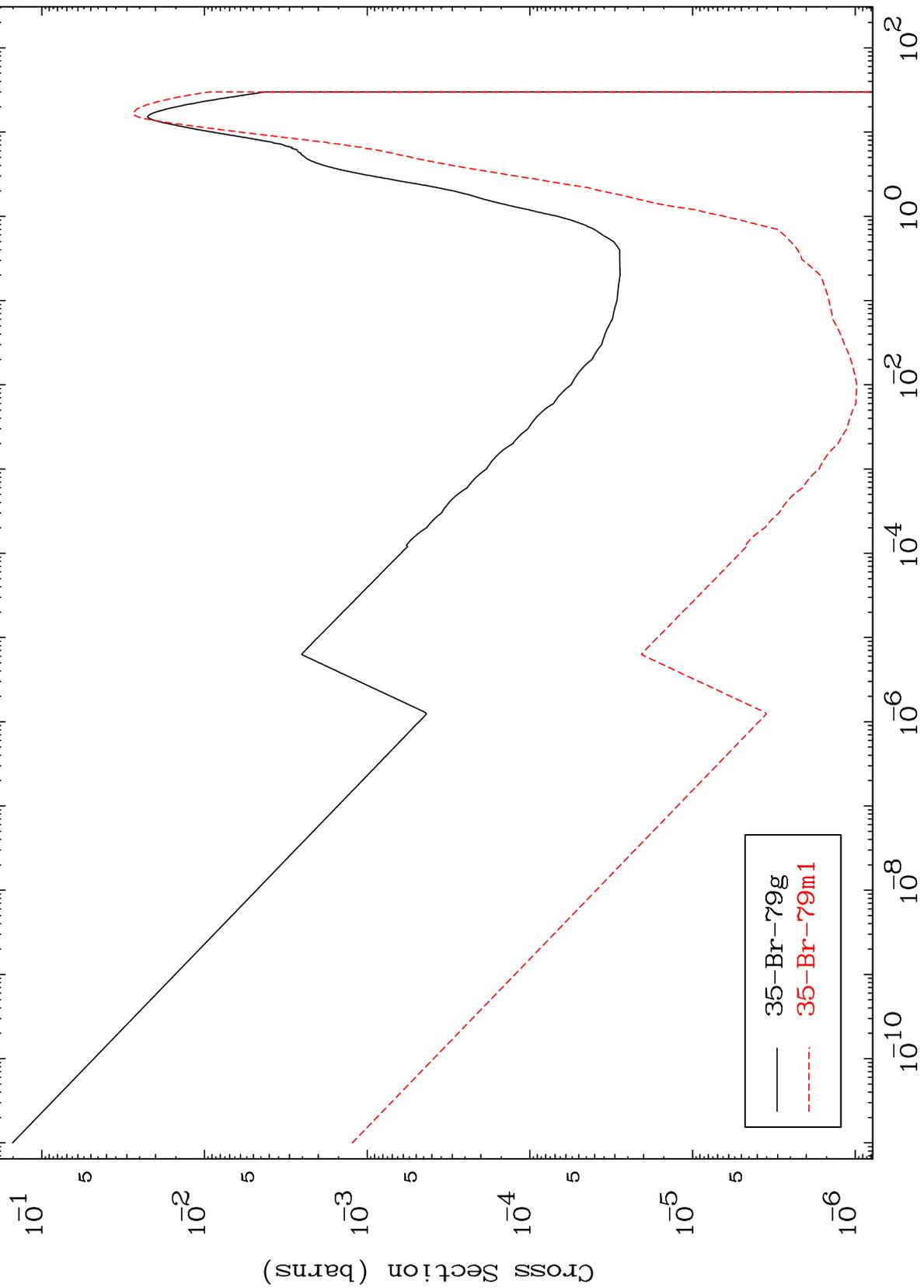
37-Rb-82

MAT 3716

37-Rb-82

Radionuclide Production Cross Section

(n, α)



116

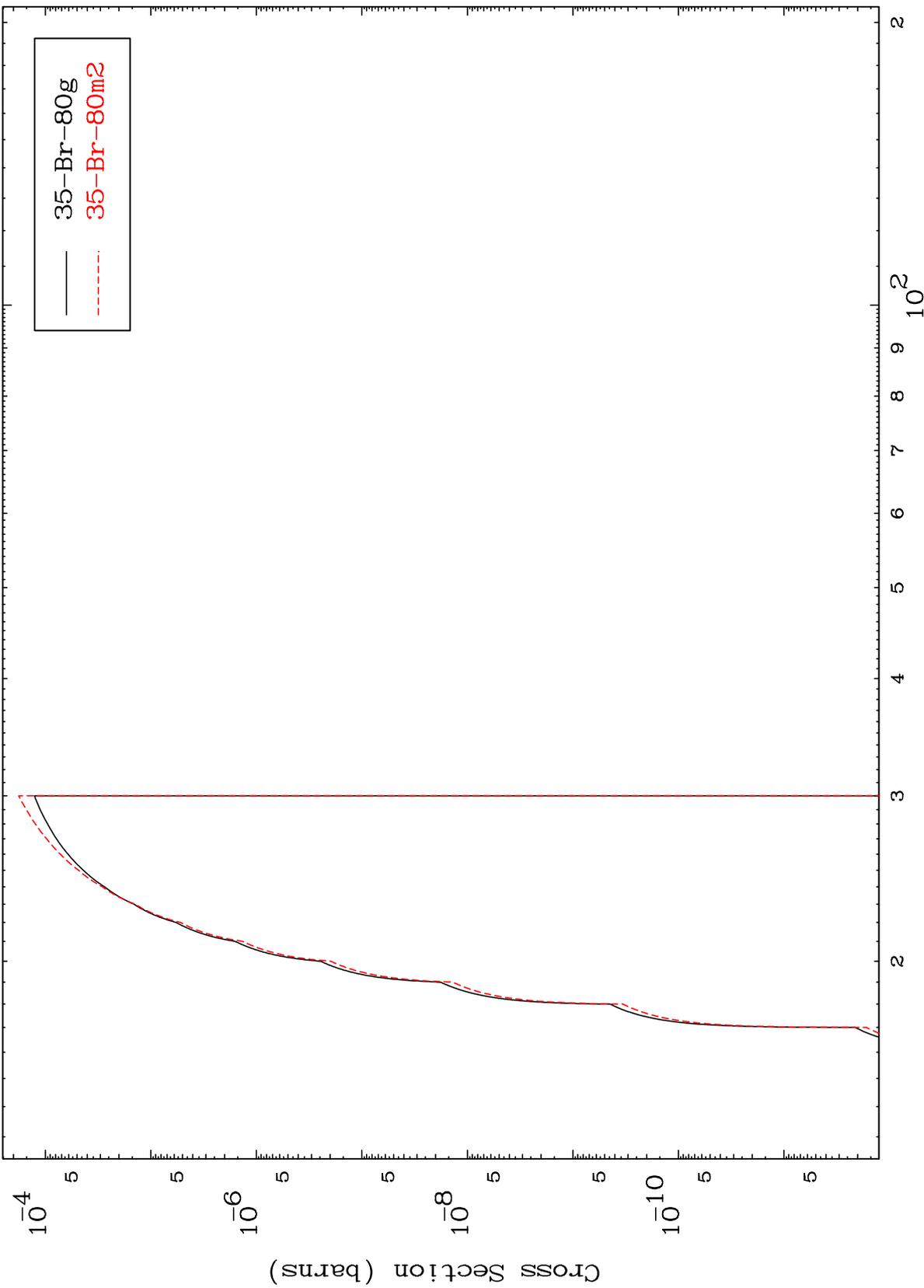
37-Rb-82

MAT 3716

(n,p) d

37-Rb-82

Radionuclide Production Cross Section



117

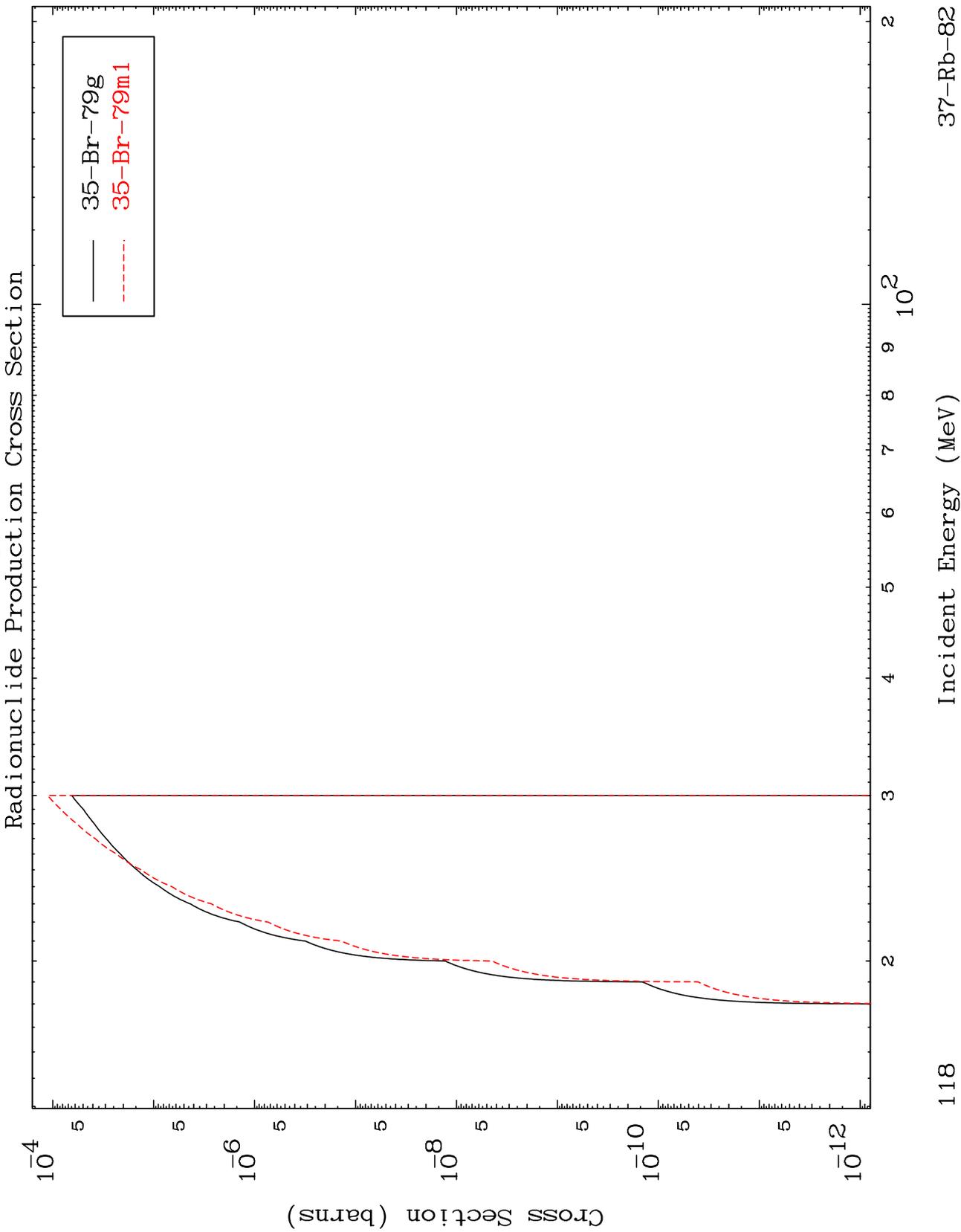
Incident Energy (MeV)

37-Rb-82

MAT 3716

(n,p) t

37-Rb-82



118

Incident Energy (MeV)

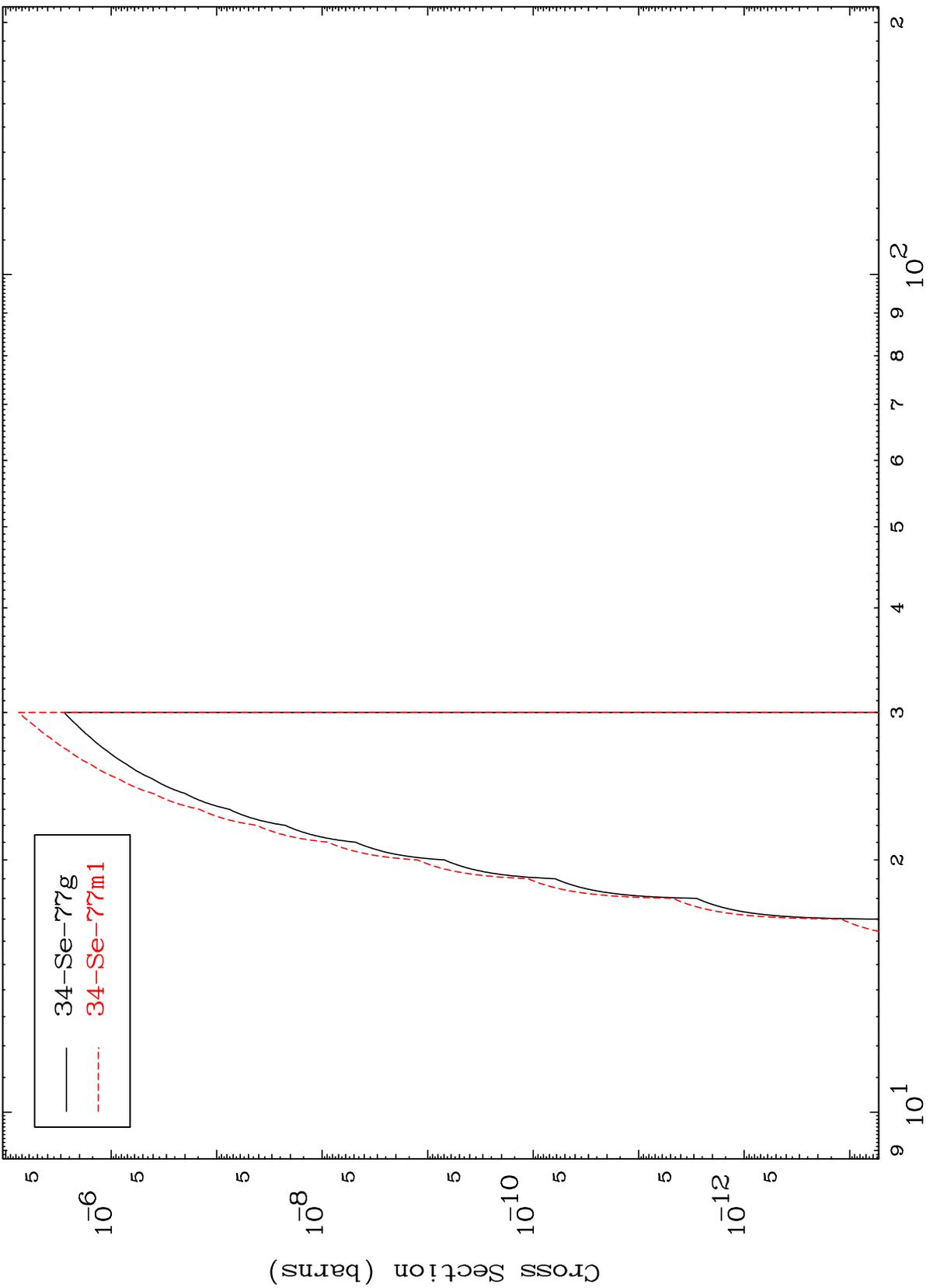
37-Rb-82

MAT 3716

(n,d) α

37-Rb-82

Radionuclide Production Cross Section



119

Incident Energy (MeV)

37-Rb-82