

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

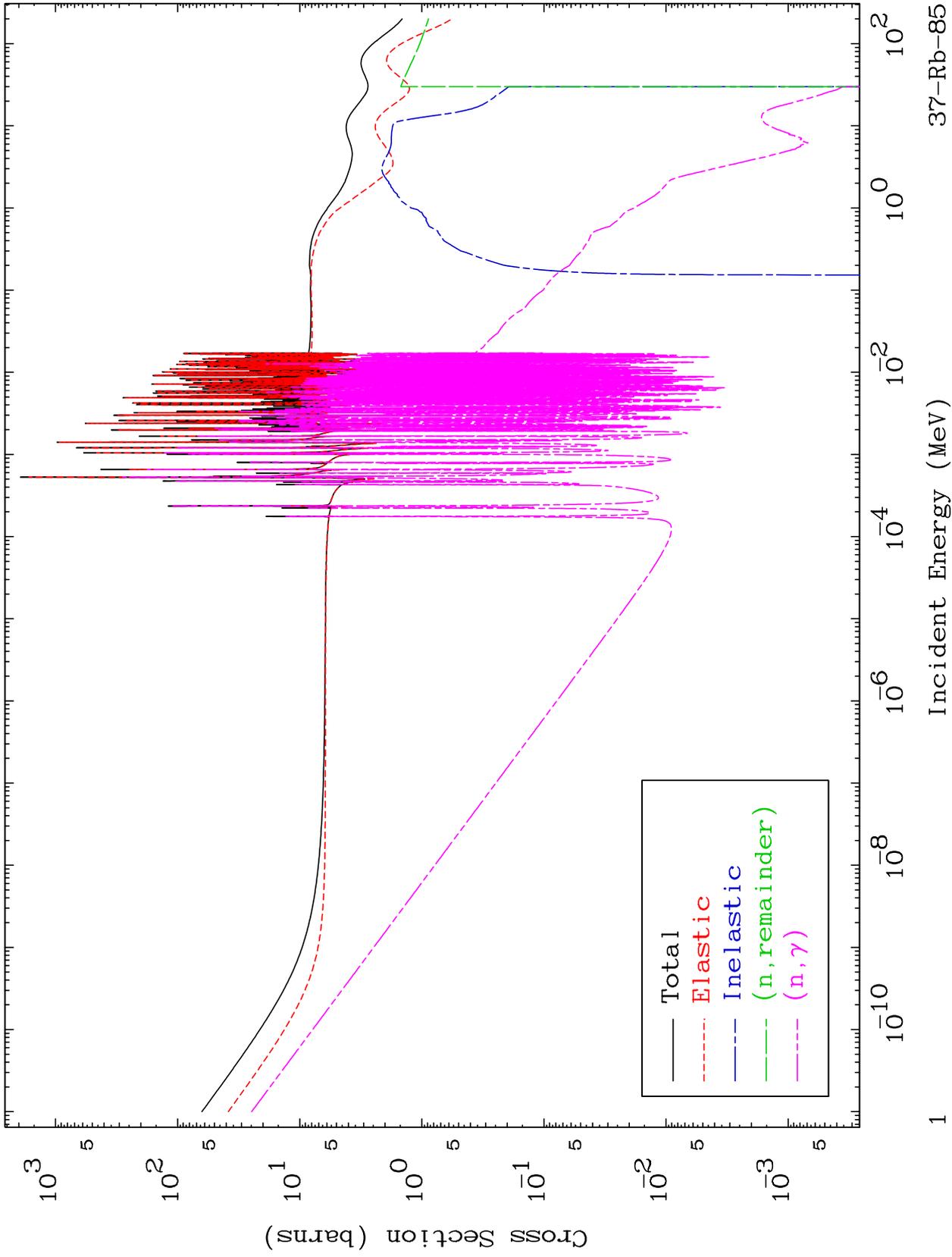
Press Mouse Button to Start

MAT 3725

Major

293 Kelvin Cross Sections

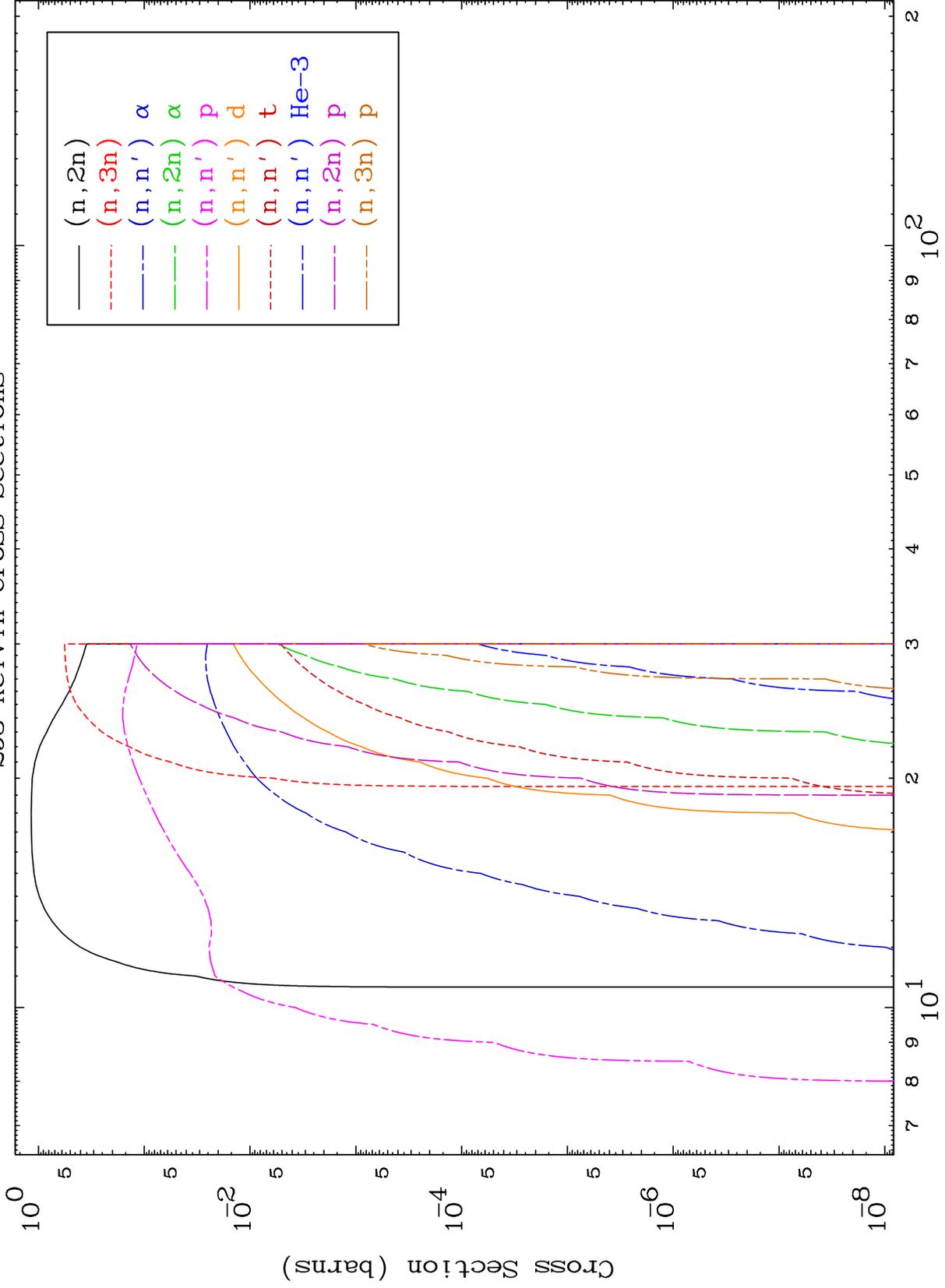
37-Rb-85



MAT 3725

Neutron Production  
293 Kelvin Cross Sections

37-Rb-85



2

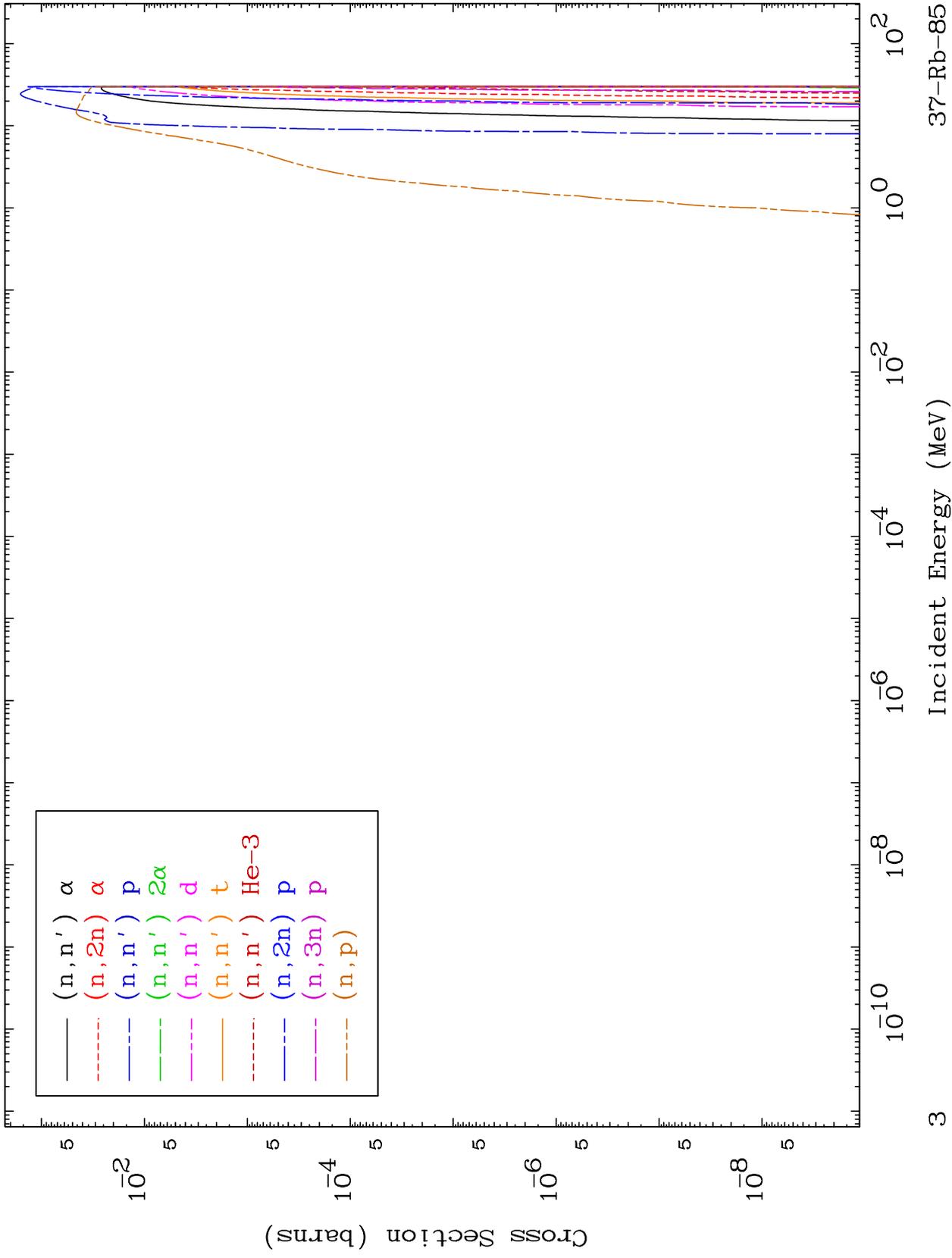
Incident Energy (MeV)

37-Rb-85

MAT 3725

Charged Particle  
293 Kelvin Cross Sections

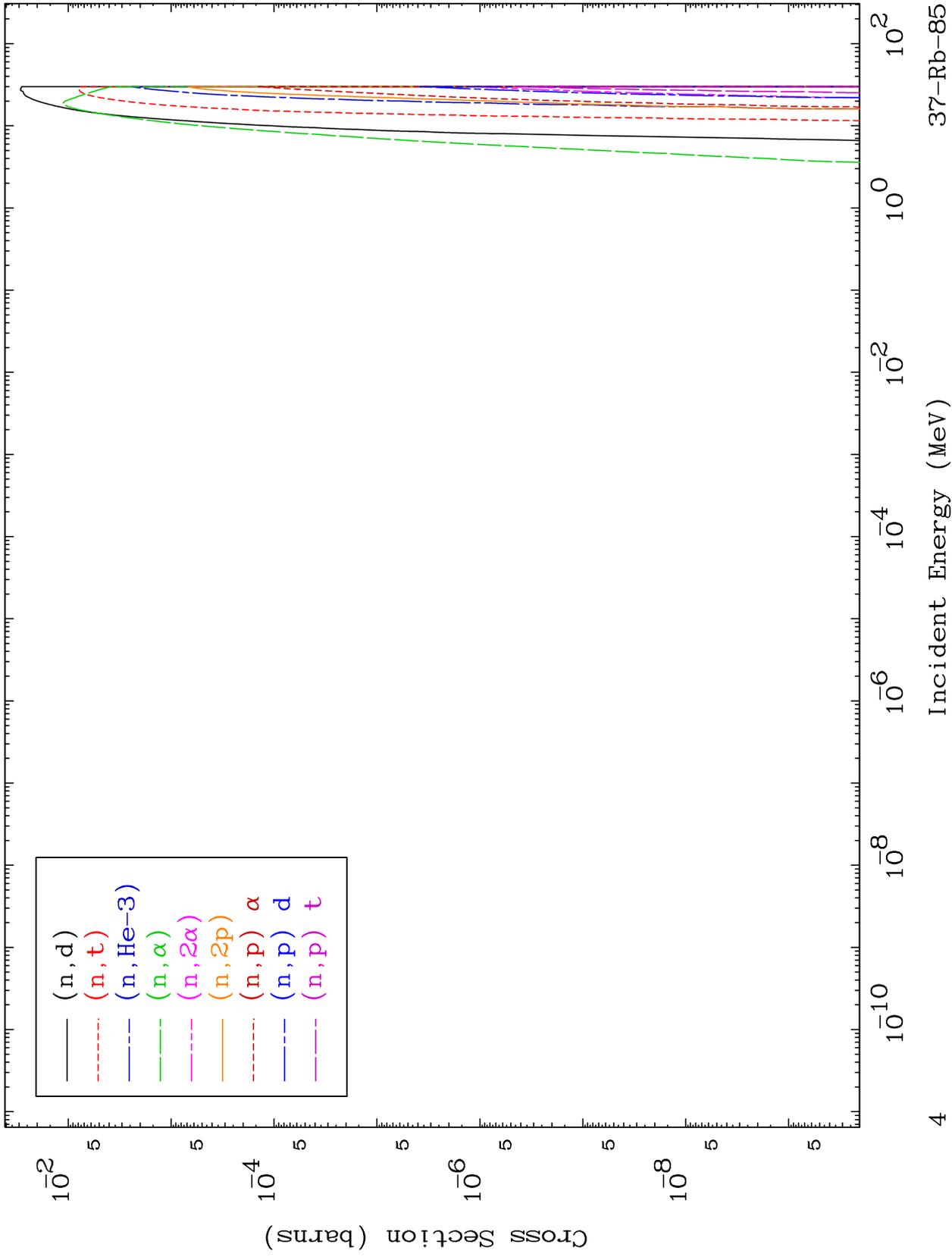
37-Rb-85



MAT 3725

Charged Particle  
293 Kelvin Cross Sections

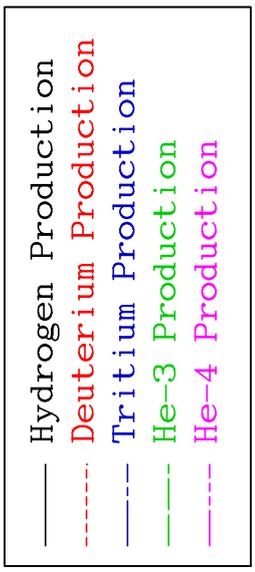
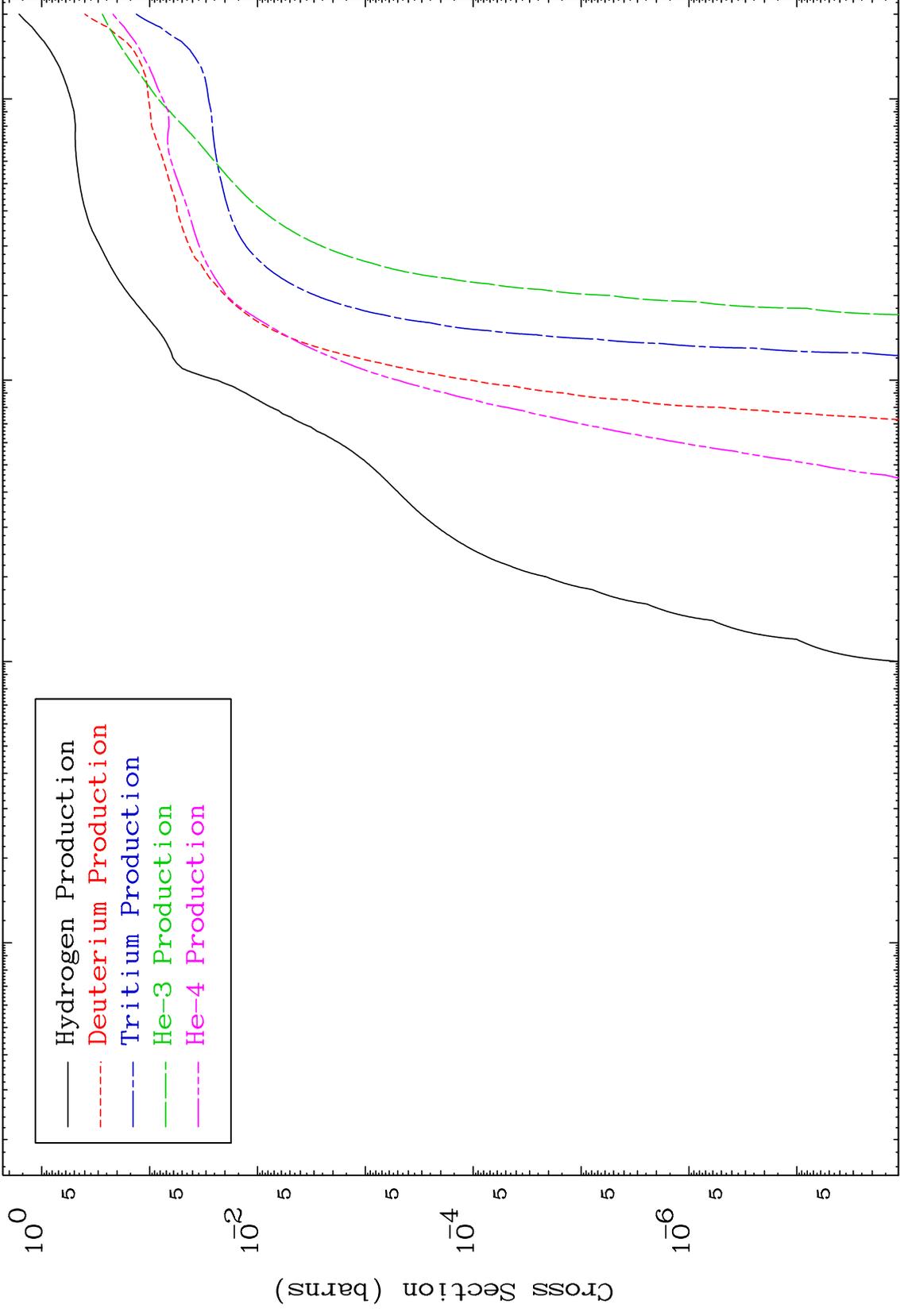
37-Rb-85



MAT 3725

Particle Production  
293 Kelvin Cross Sections

37-Rb-85



5

Incident Energy (MeV)

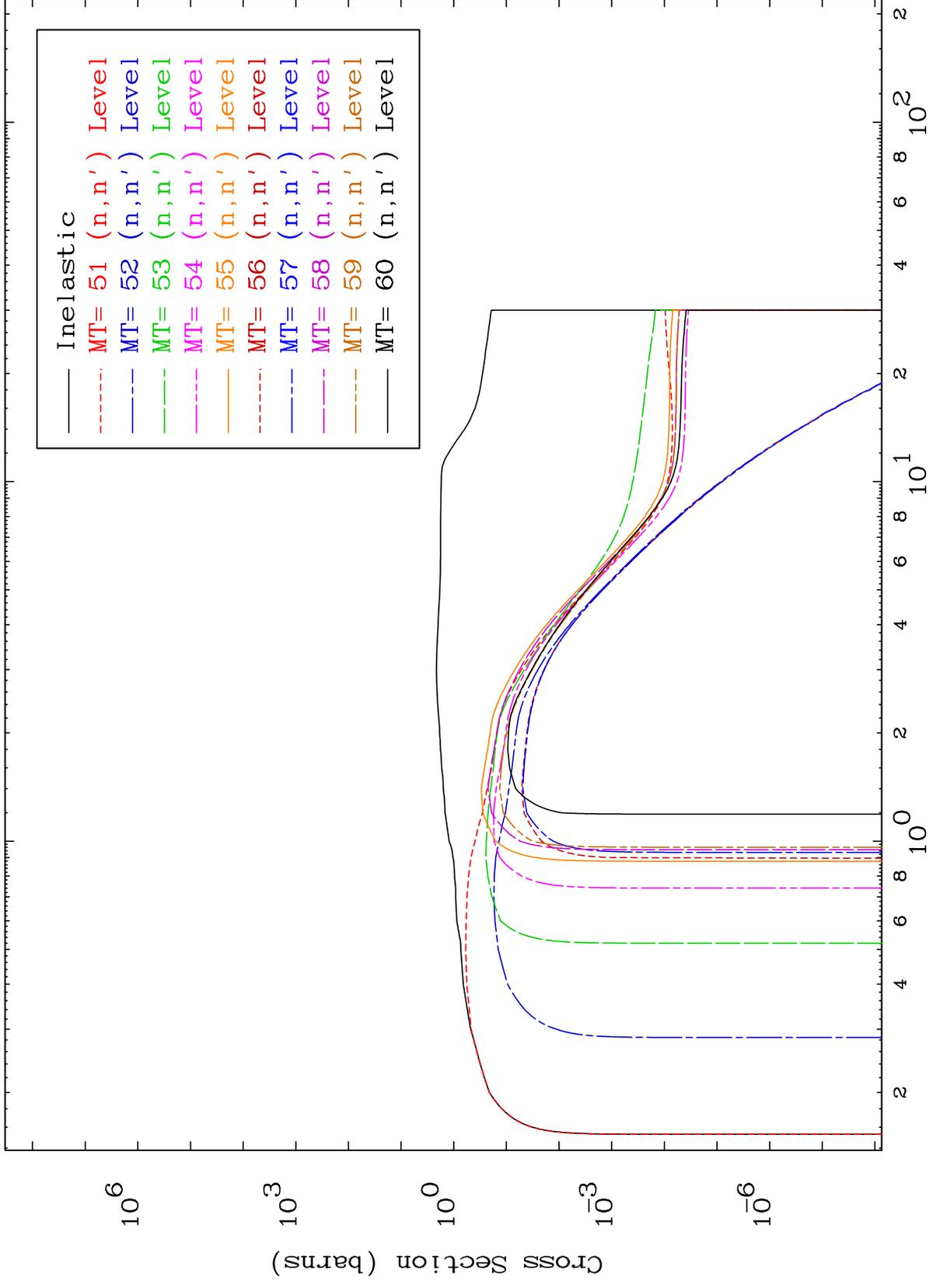
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MAT 3725

(n,n') Level

37-Rb-85

293 Kelvin Cross Sections



6

Incident Energy (MeV)

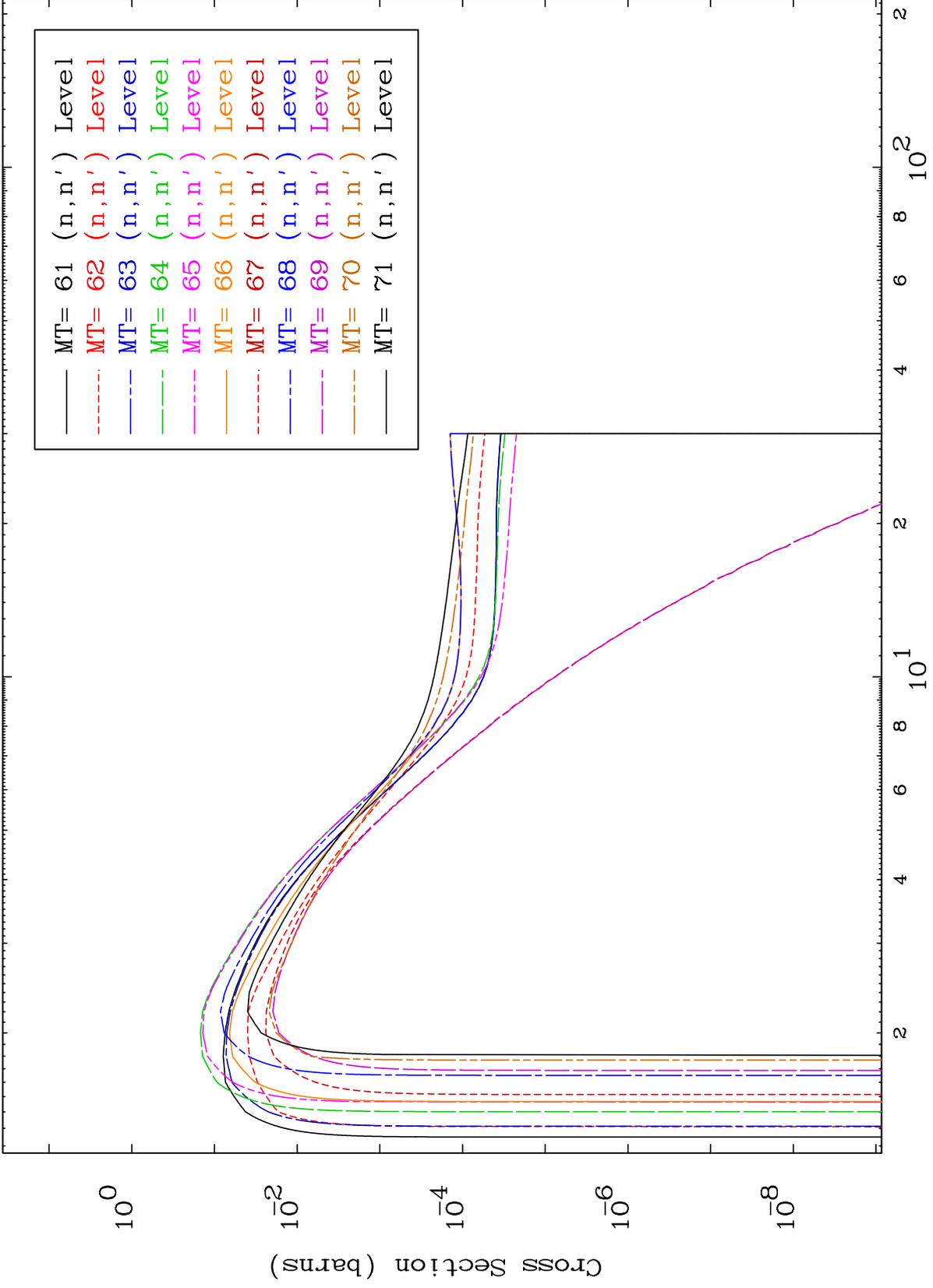
37-Rb-85

MAT 3725

(n,n') Level

37-Rb-85

293 Kelvin Cross Sections



7

Incident Energy (MeV)

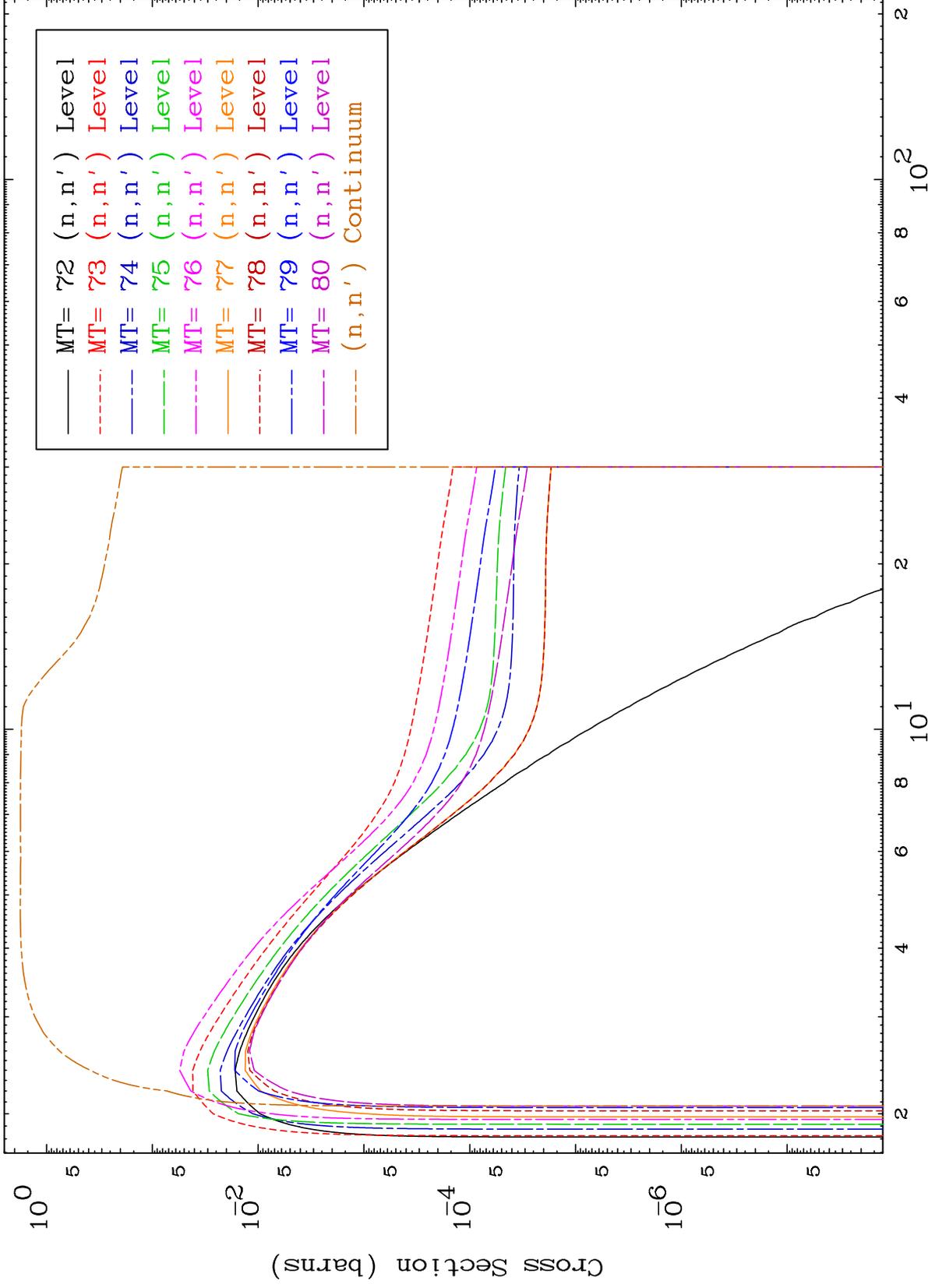
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MAT 3725

(n,n') Level

37-Rb-85

293 Kelvin Cross Sections



8

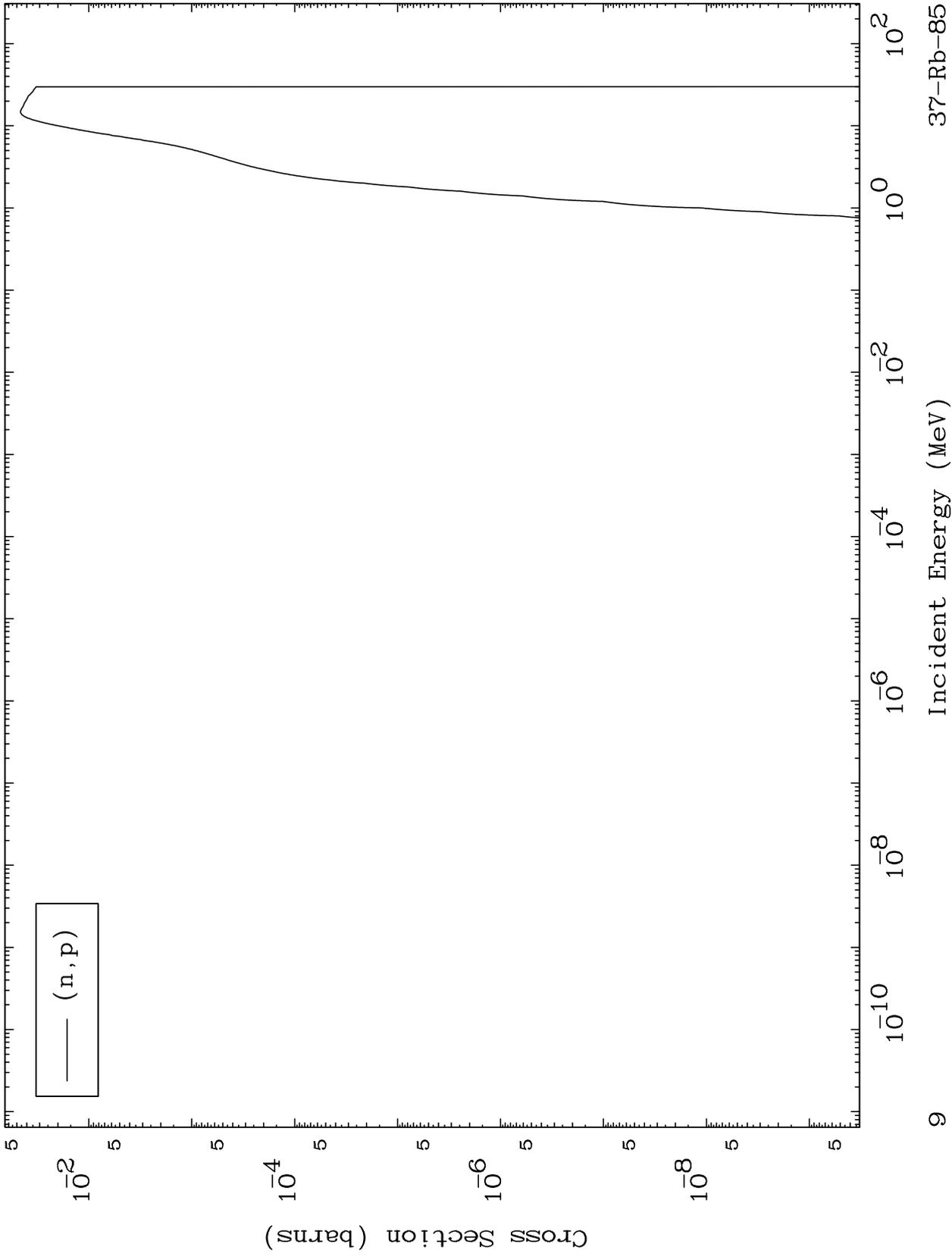
Incident Energy (MeV)

37-Rb-85

MAT 3725

(n,p) Levels  
293 Kelvin Cross Sections

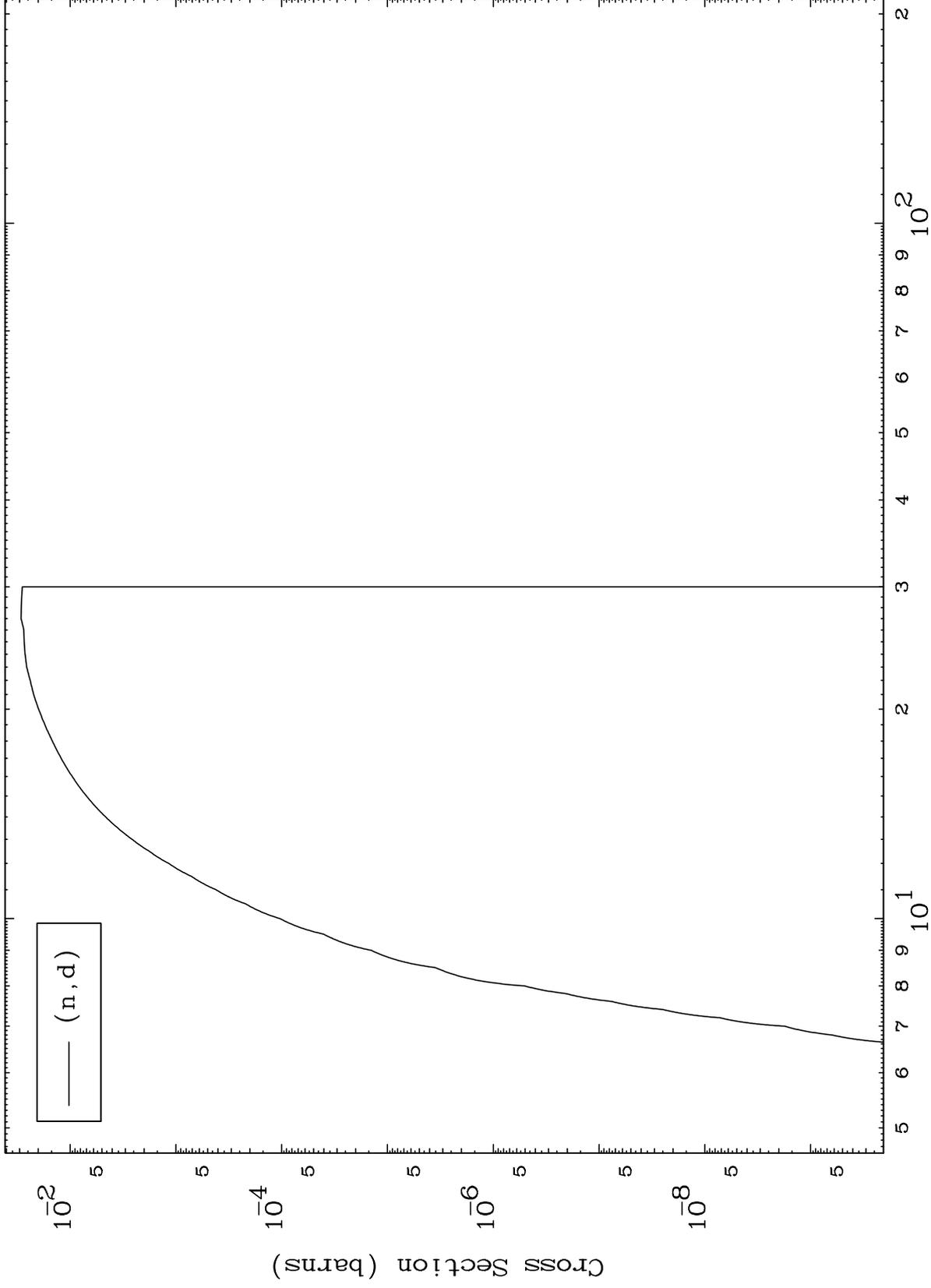
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MAT 3725

(n,d) Levels  
293 Kelvin Cross Sections

37-Rb-85



10

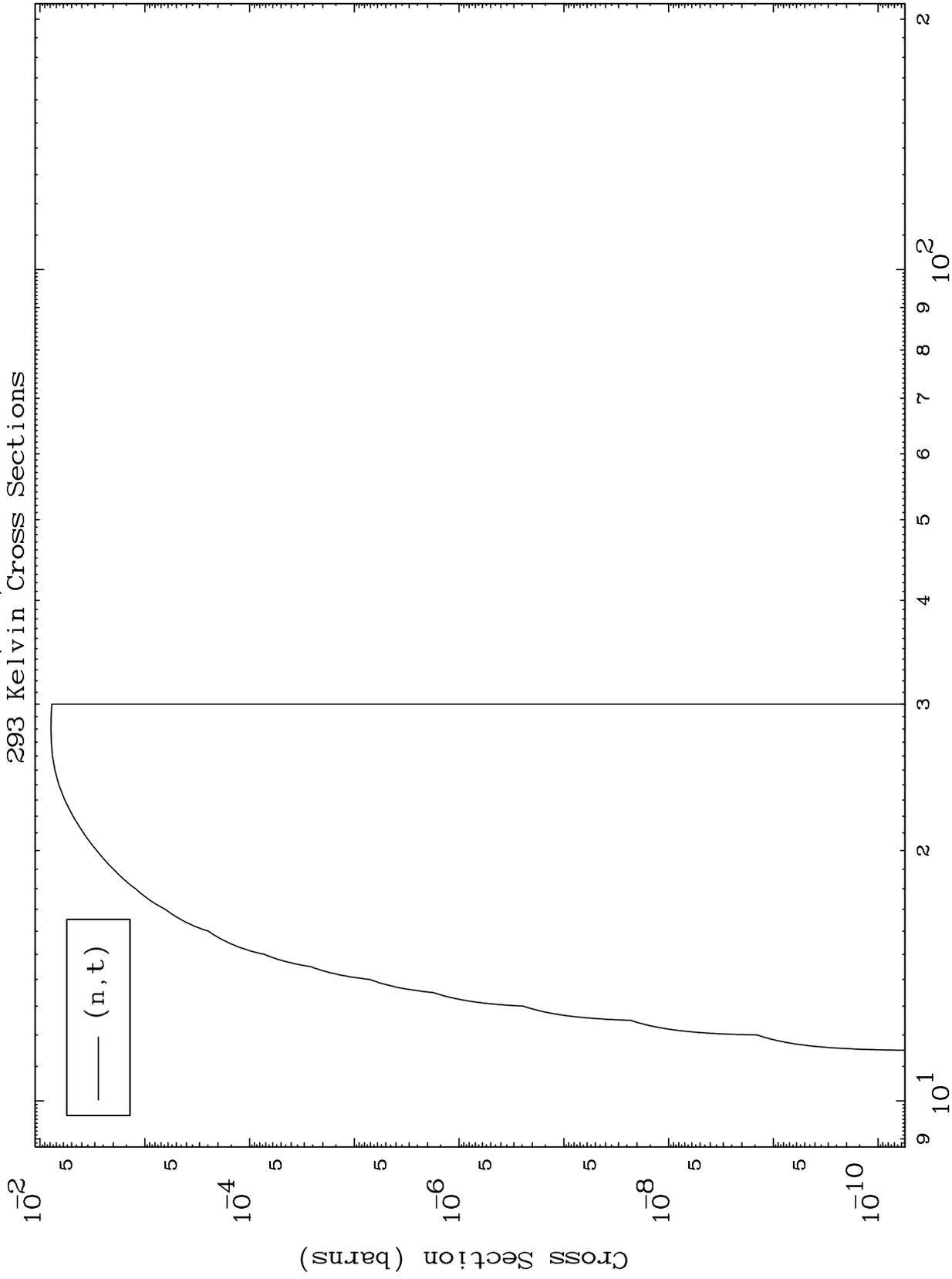
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37-Rb-85

MAT 3725

(n,t) Levels  
293 Kelvin Cross Sections

37-Rb-85



11

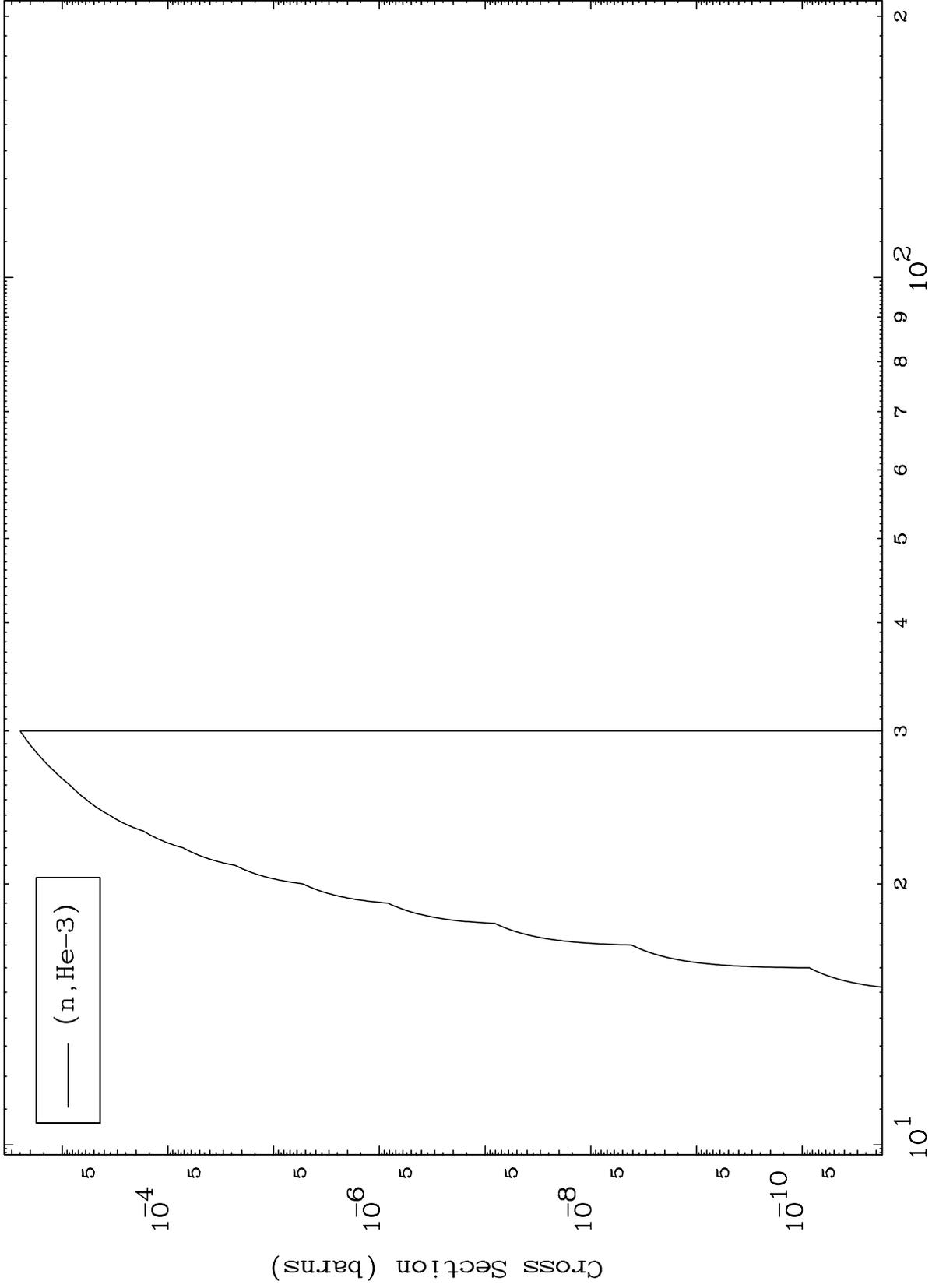
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37-Rb-85

MAT 3725

(n,He3) Levels  
293 Kelvin Cross Sections

37-Rb-85



12

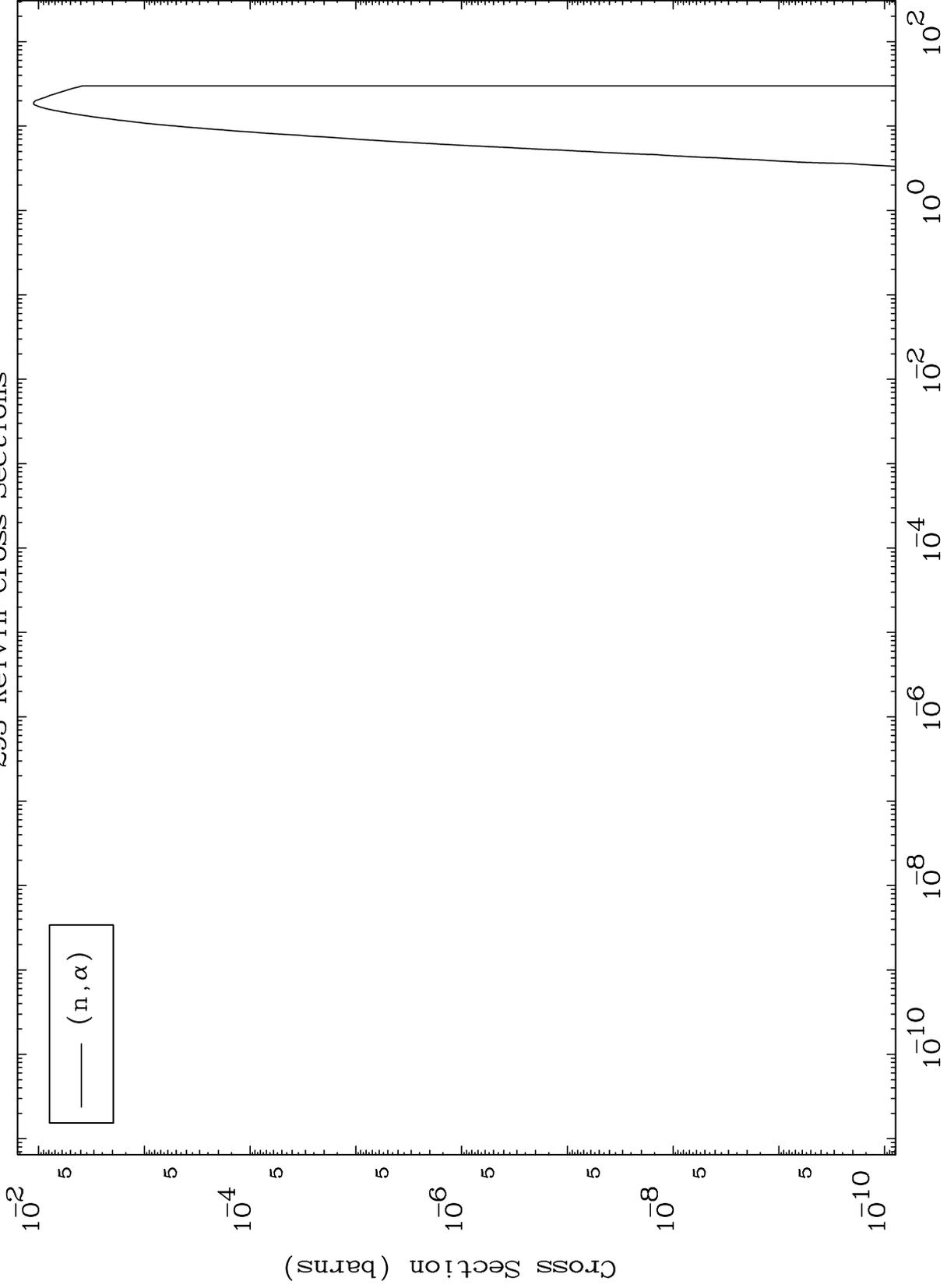
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

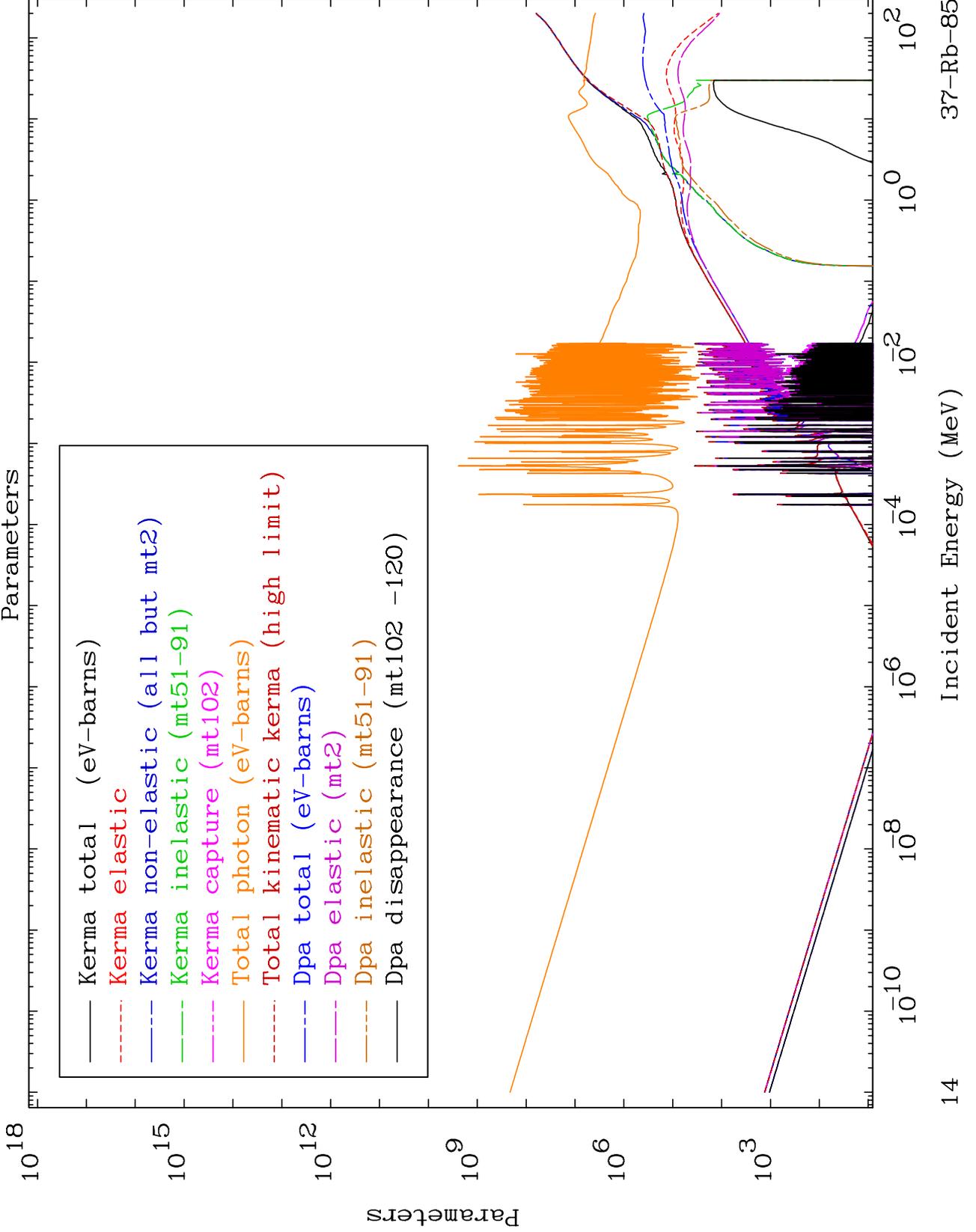
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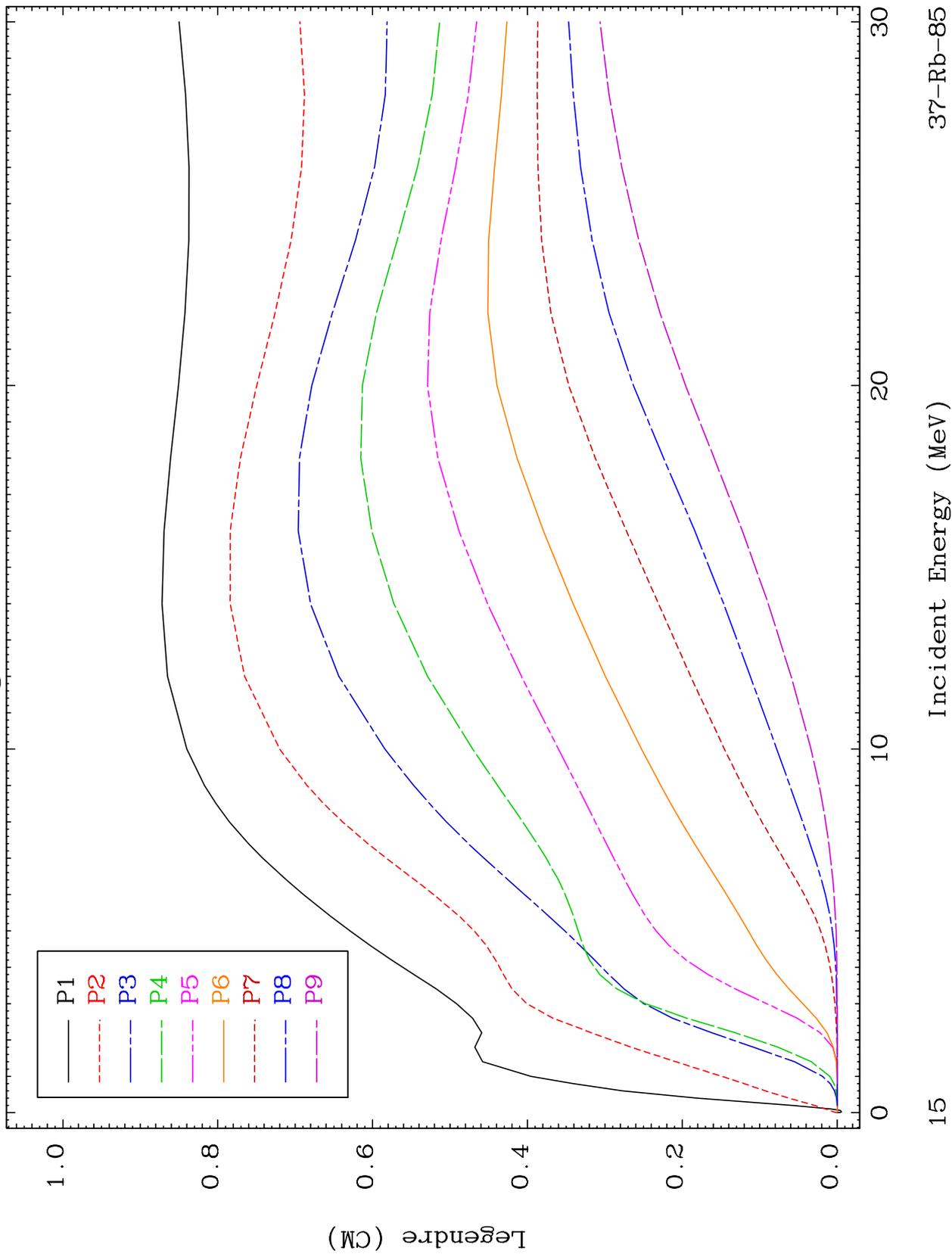
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MAT 3725

Elastic Legendre Coefficients

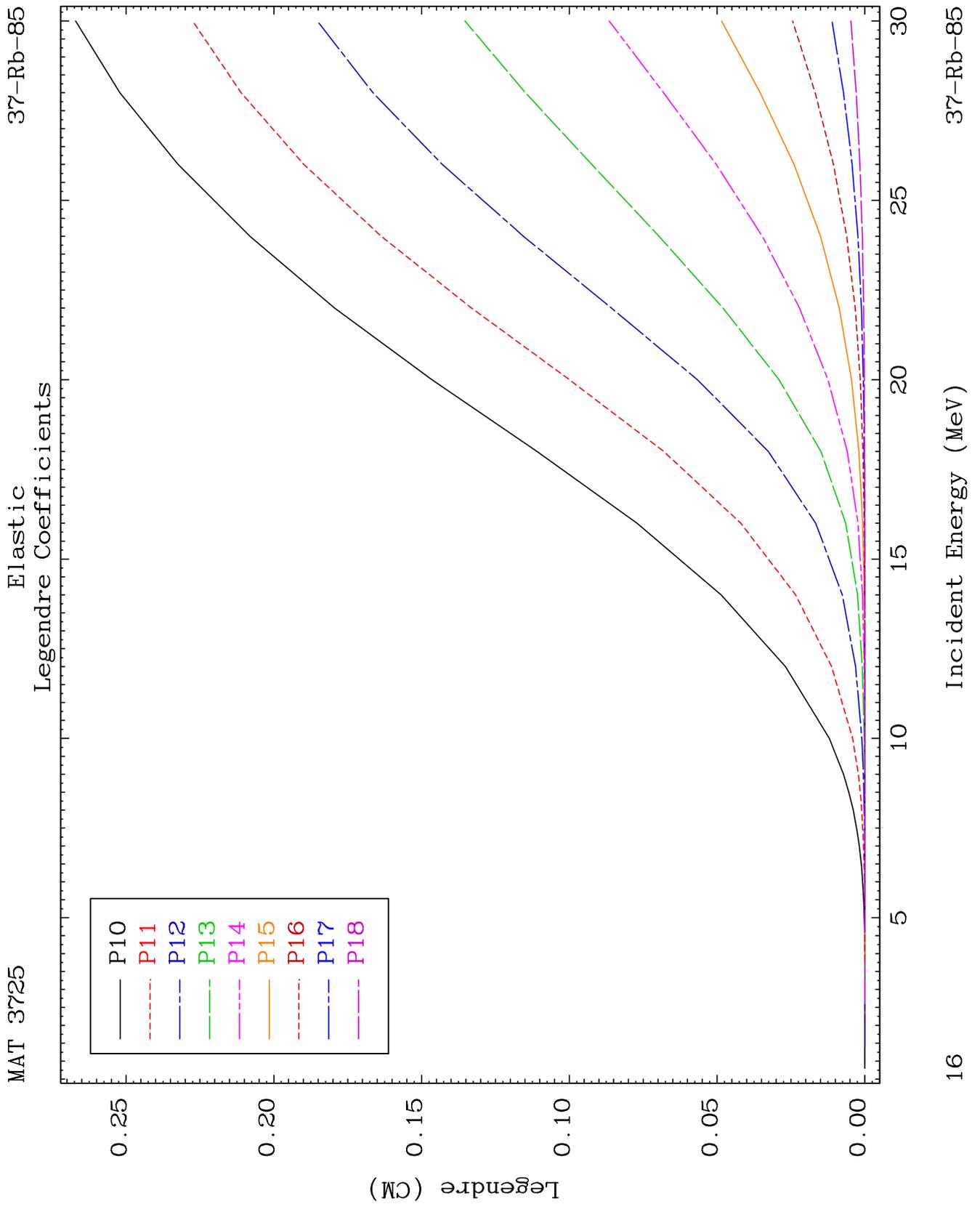
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15

Incident Energy (MeV)

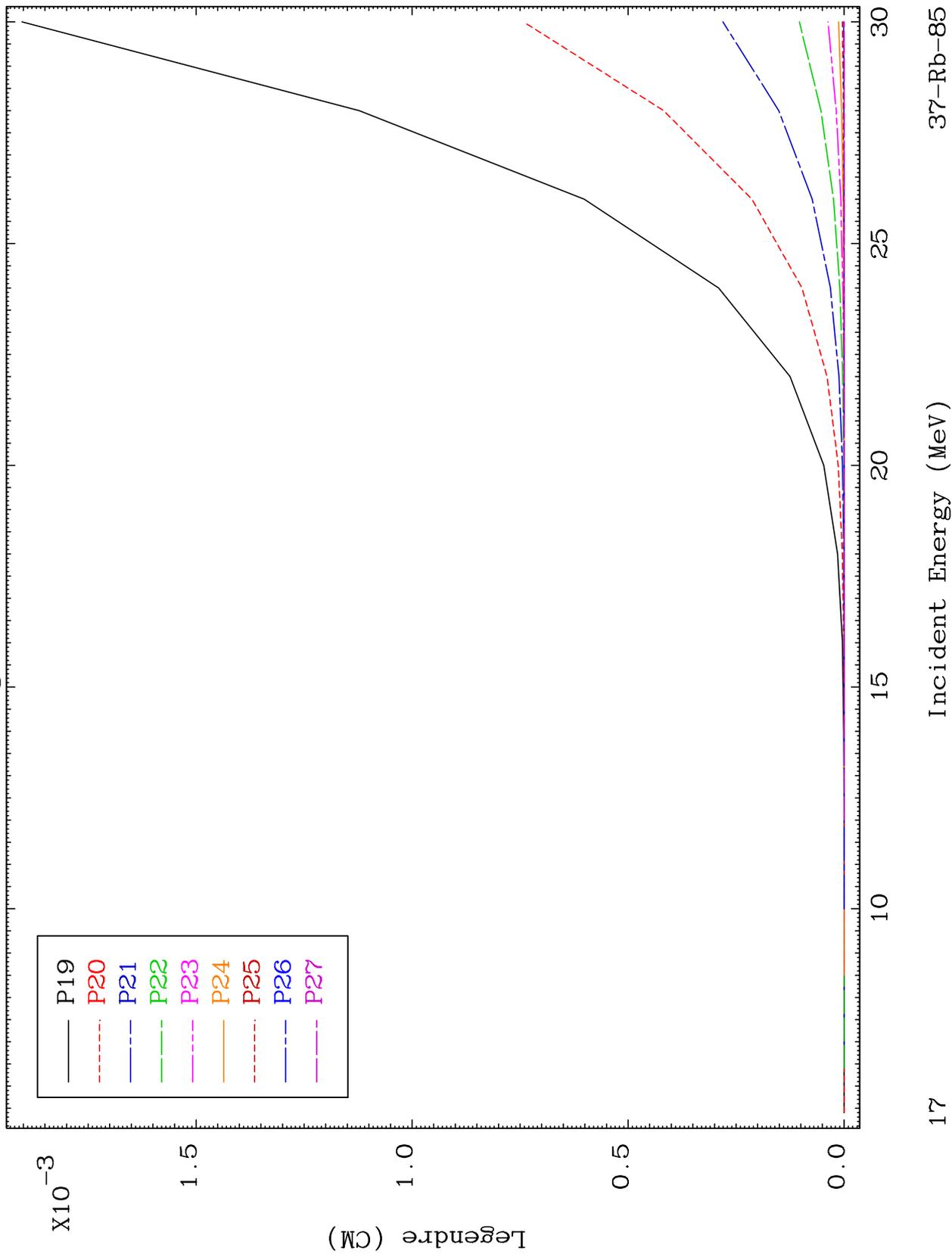
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MAT 3725

Elastic Legendre Coefficients

37-Rb-85



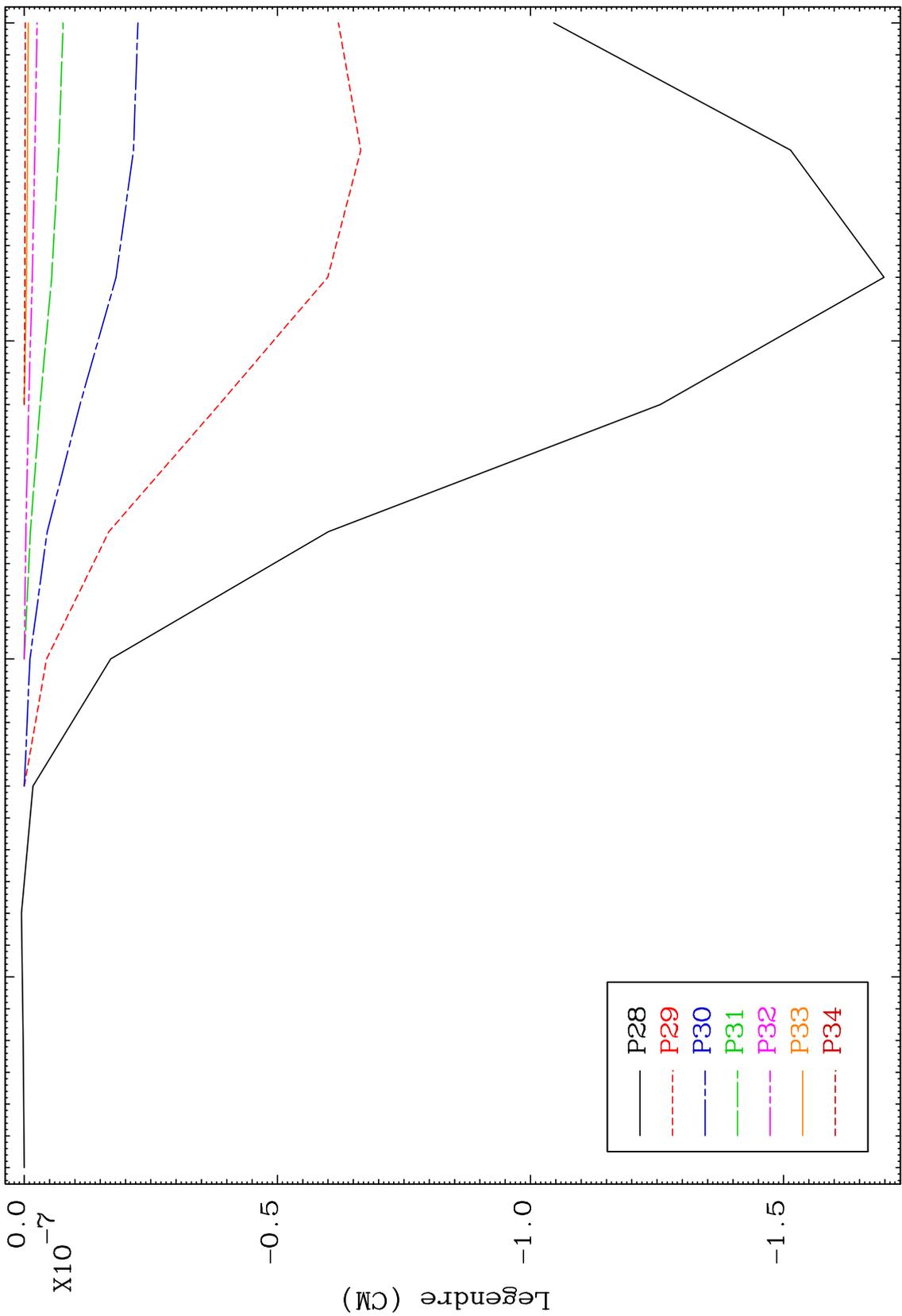
17

37-Rb-85

MAT 3725

37-Rb-85

Elastic Legendre Coefficients



18

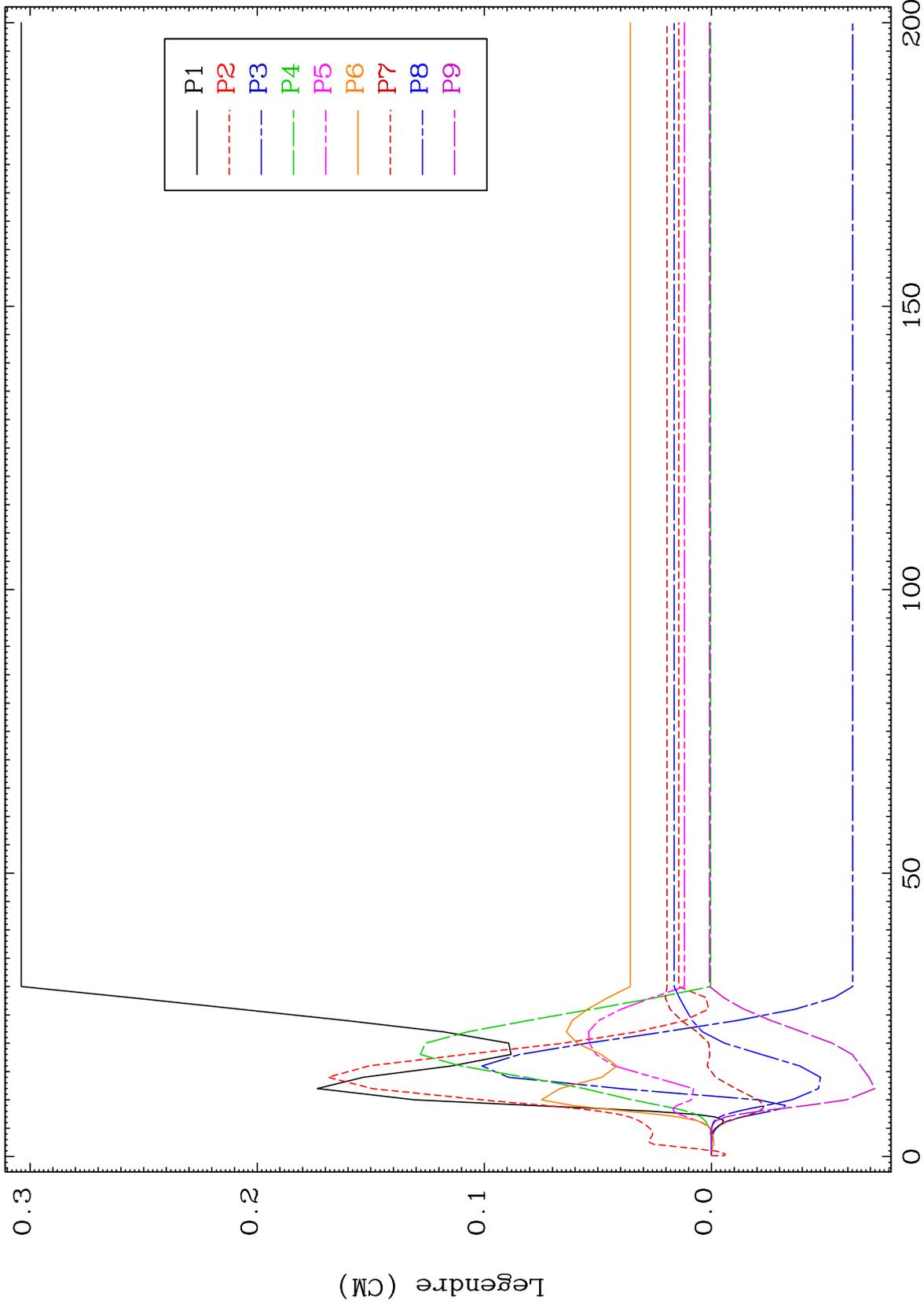
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



19

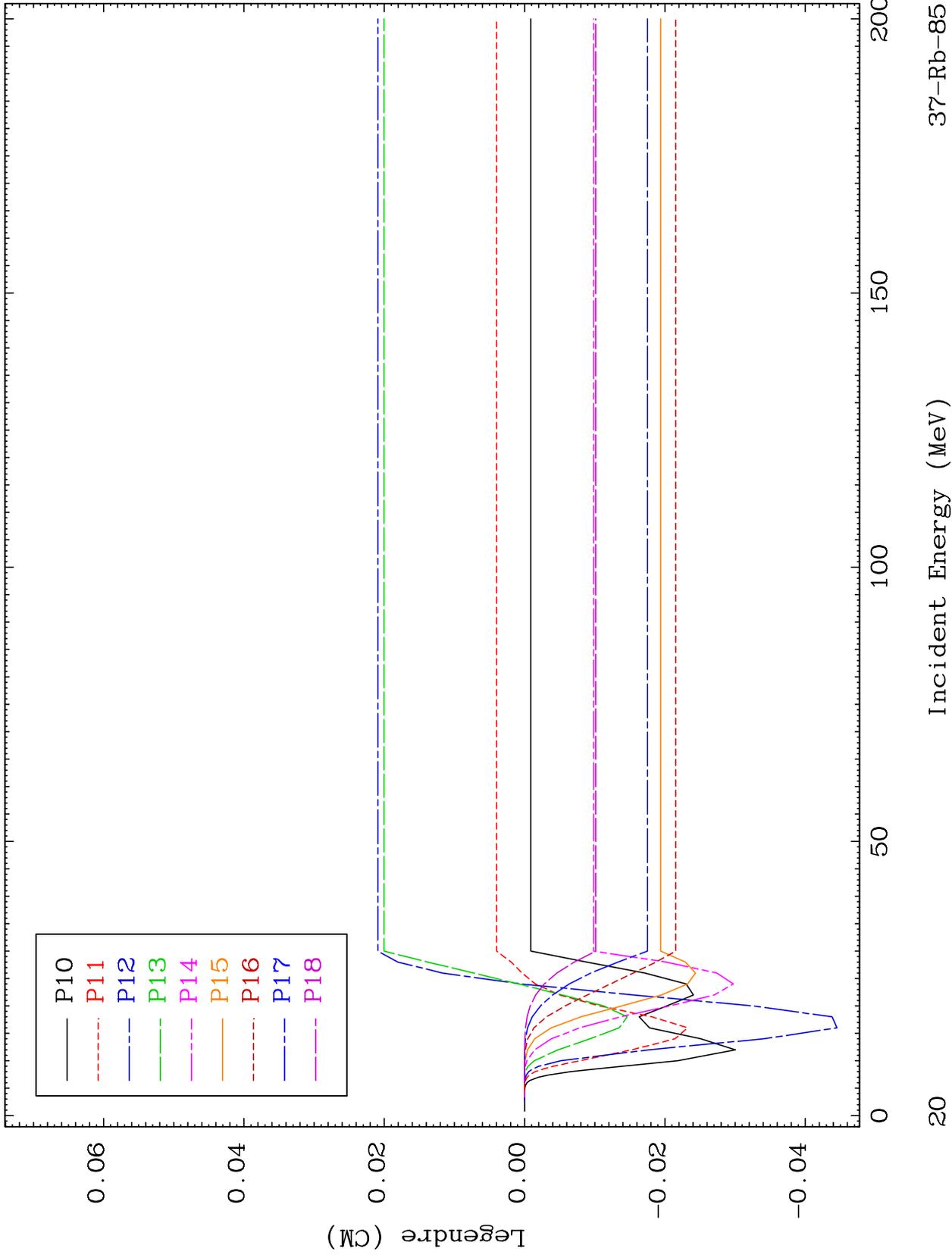
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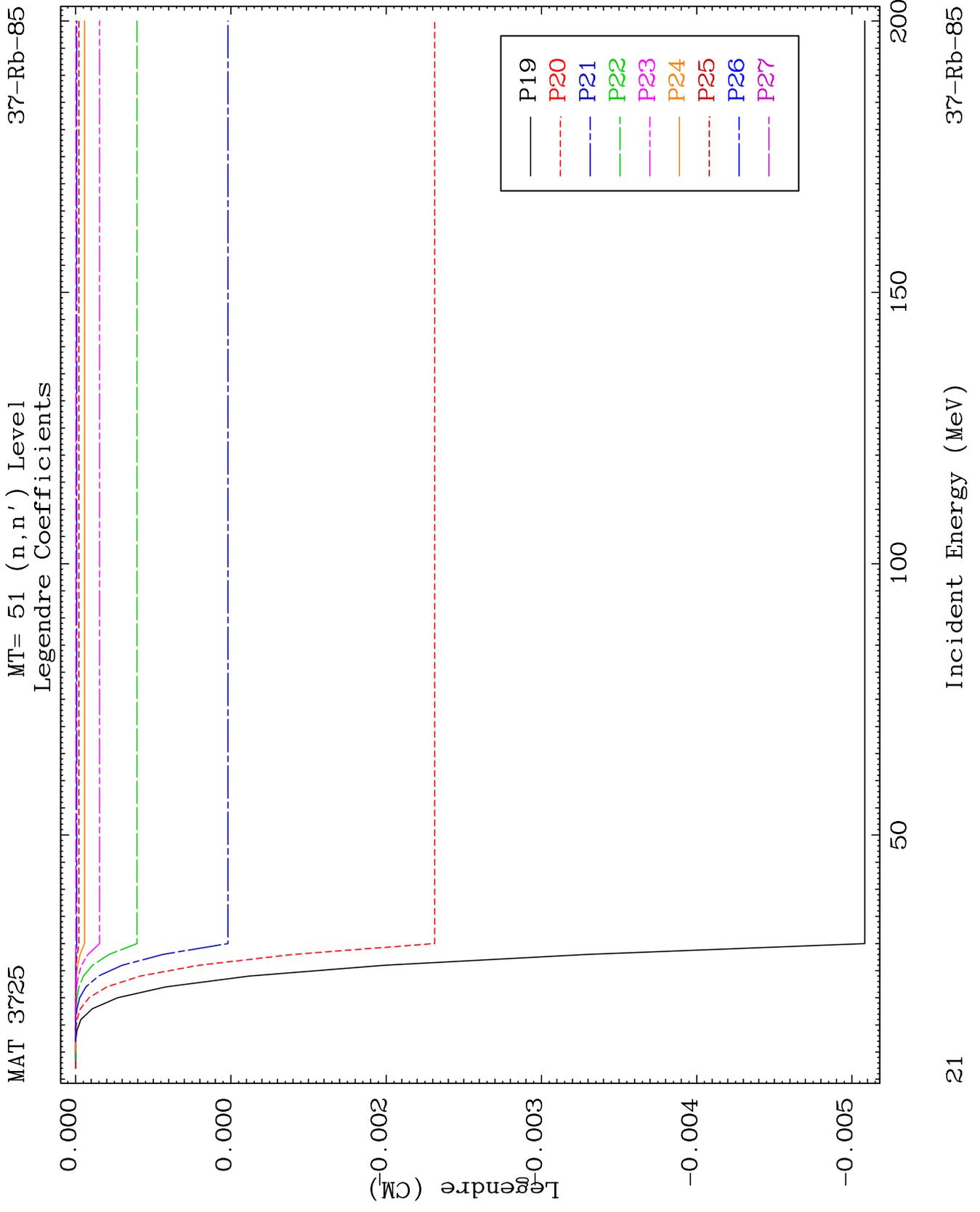
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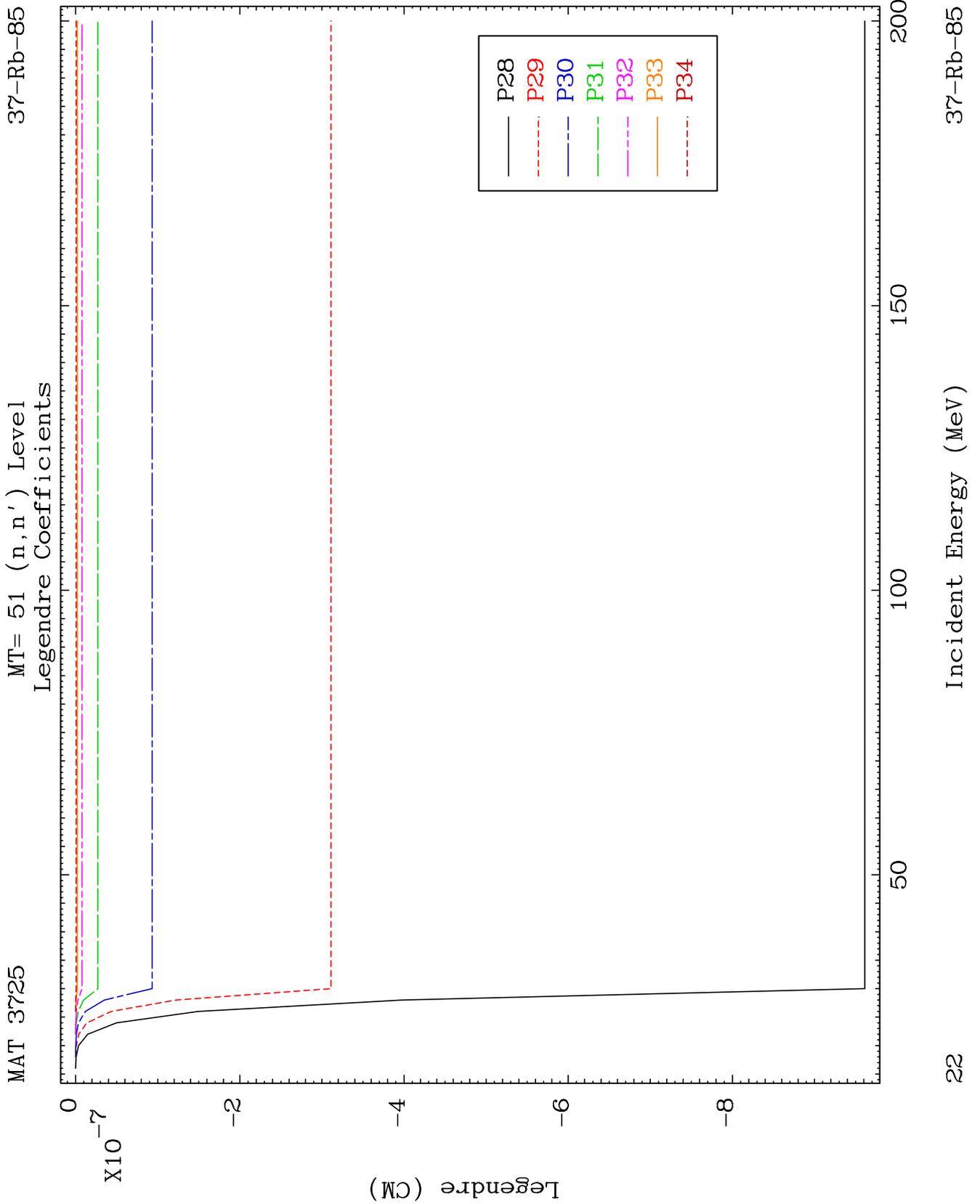
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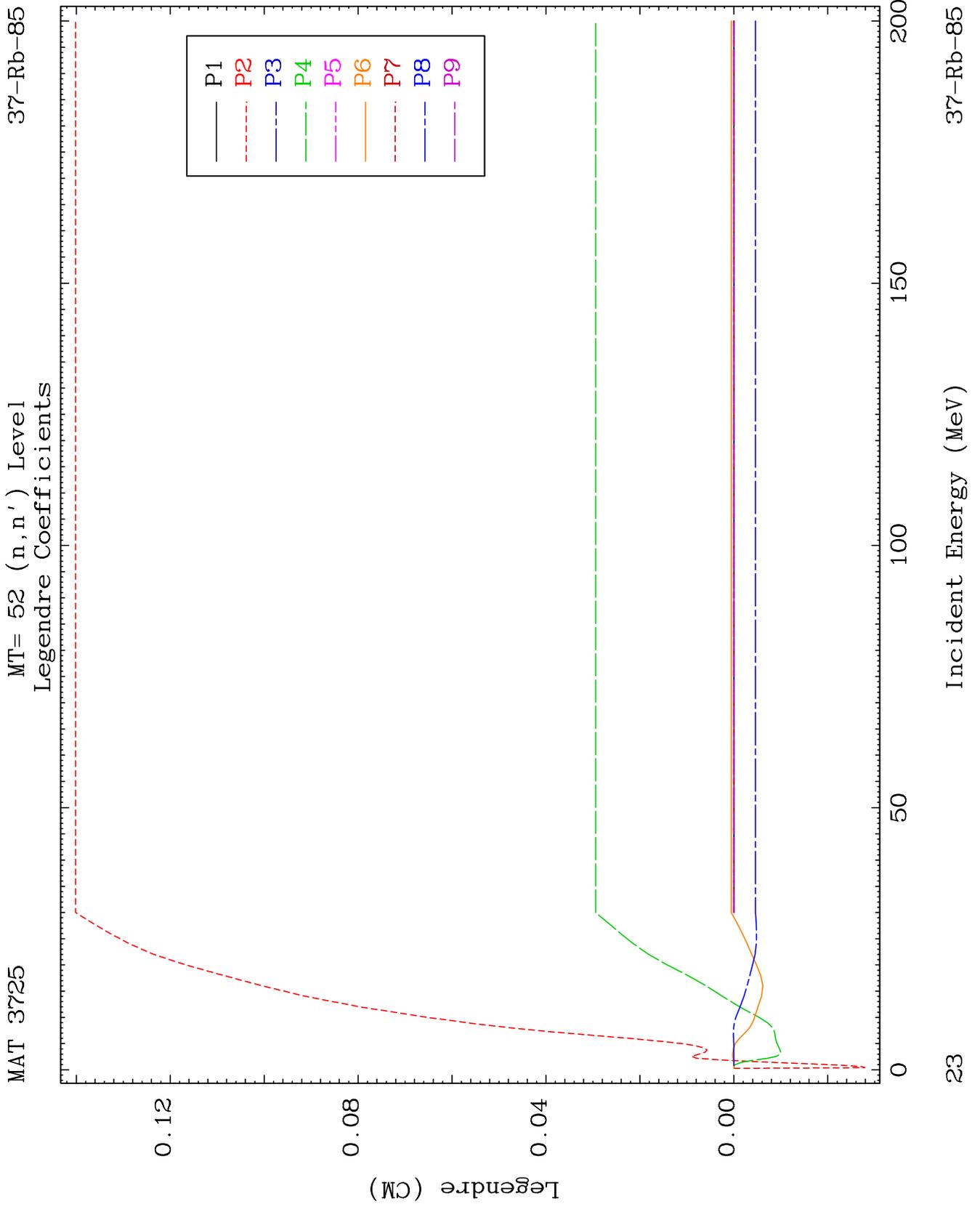
MT= 51 (n,n') Level  
Legendre Coefficients

37-Rb-85





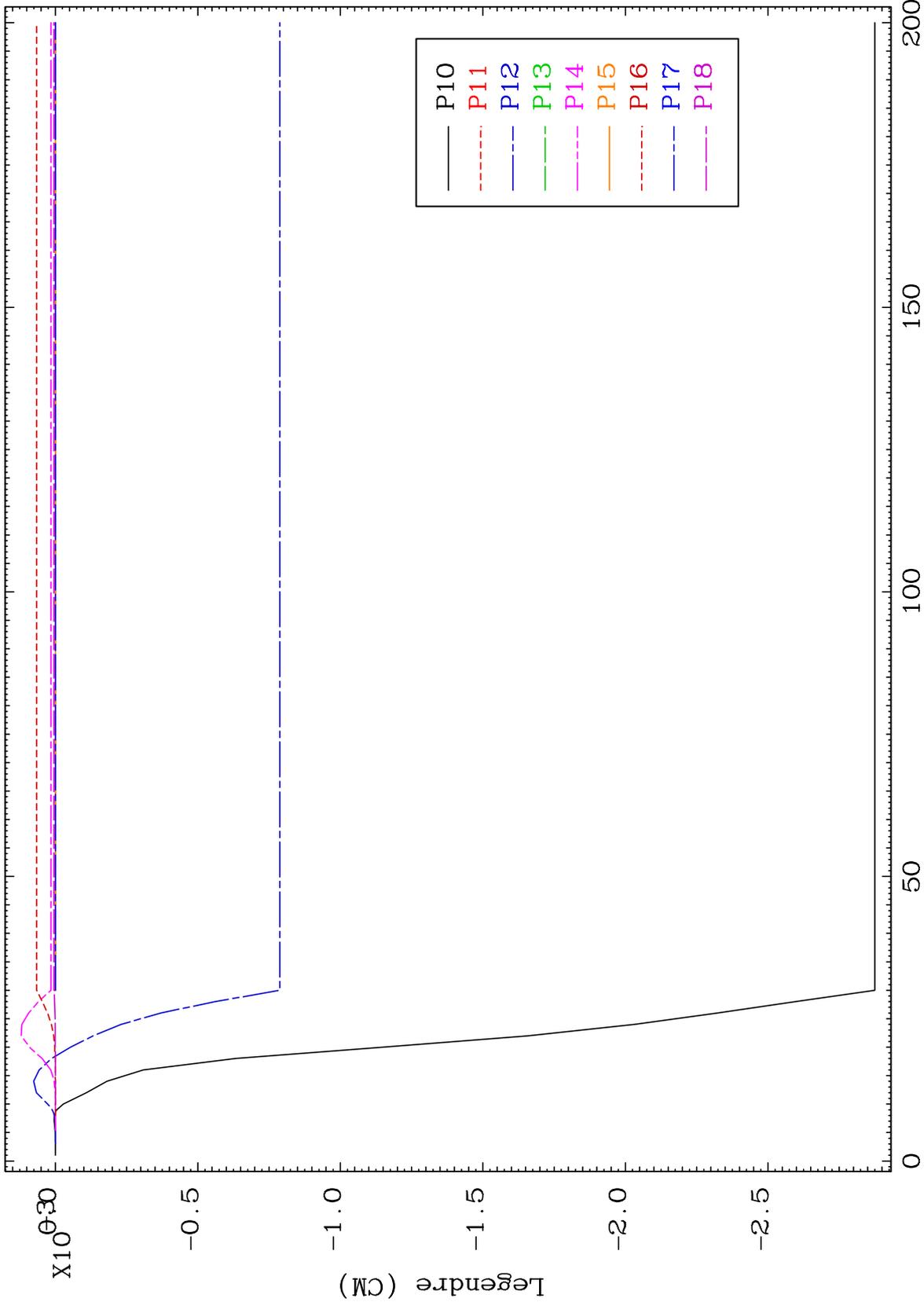




MAT 3725

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

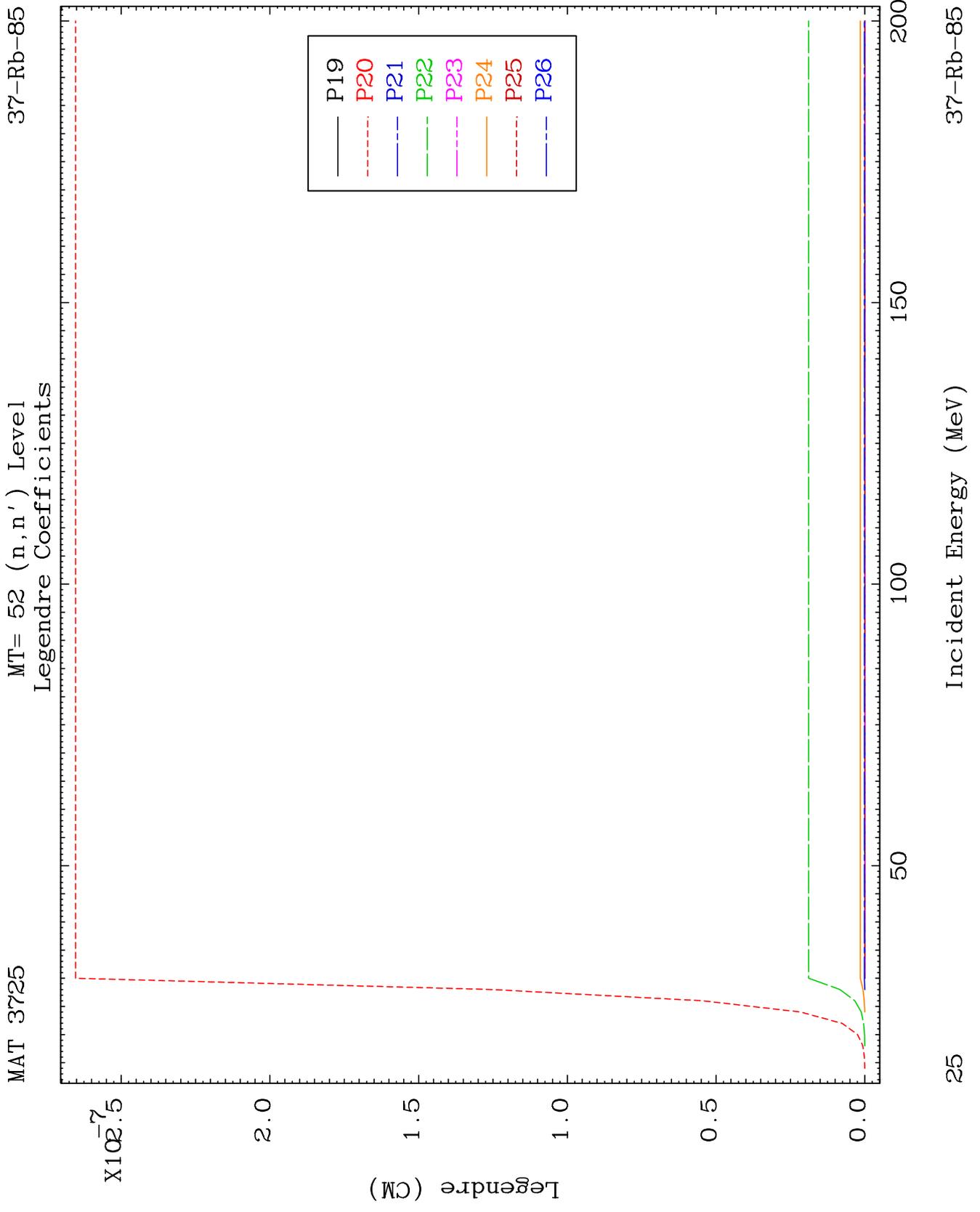
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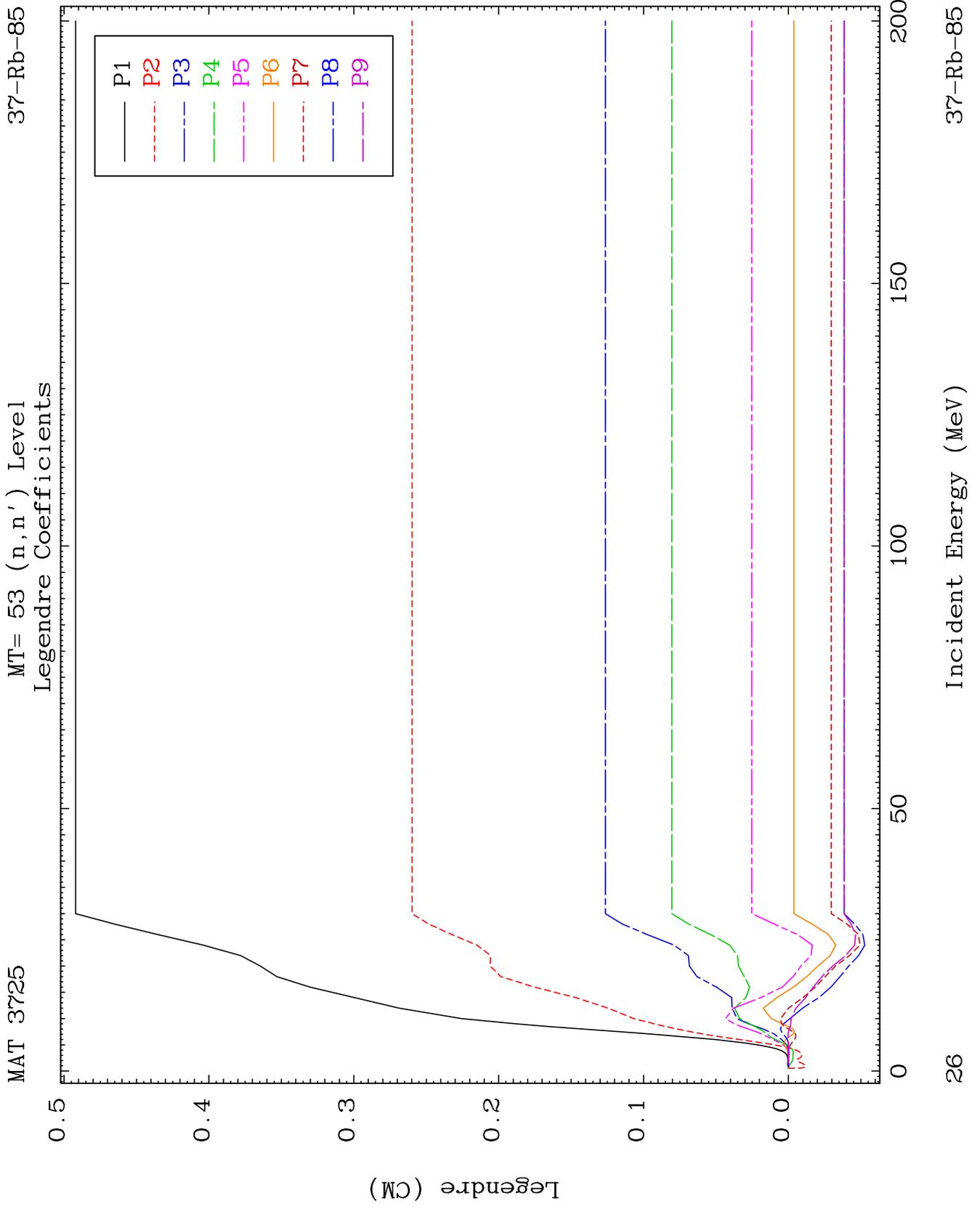


24

Incident Energy (MeV)

37-Rb-85

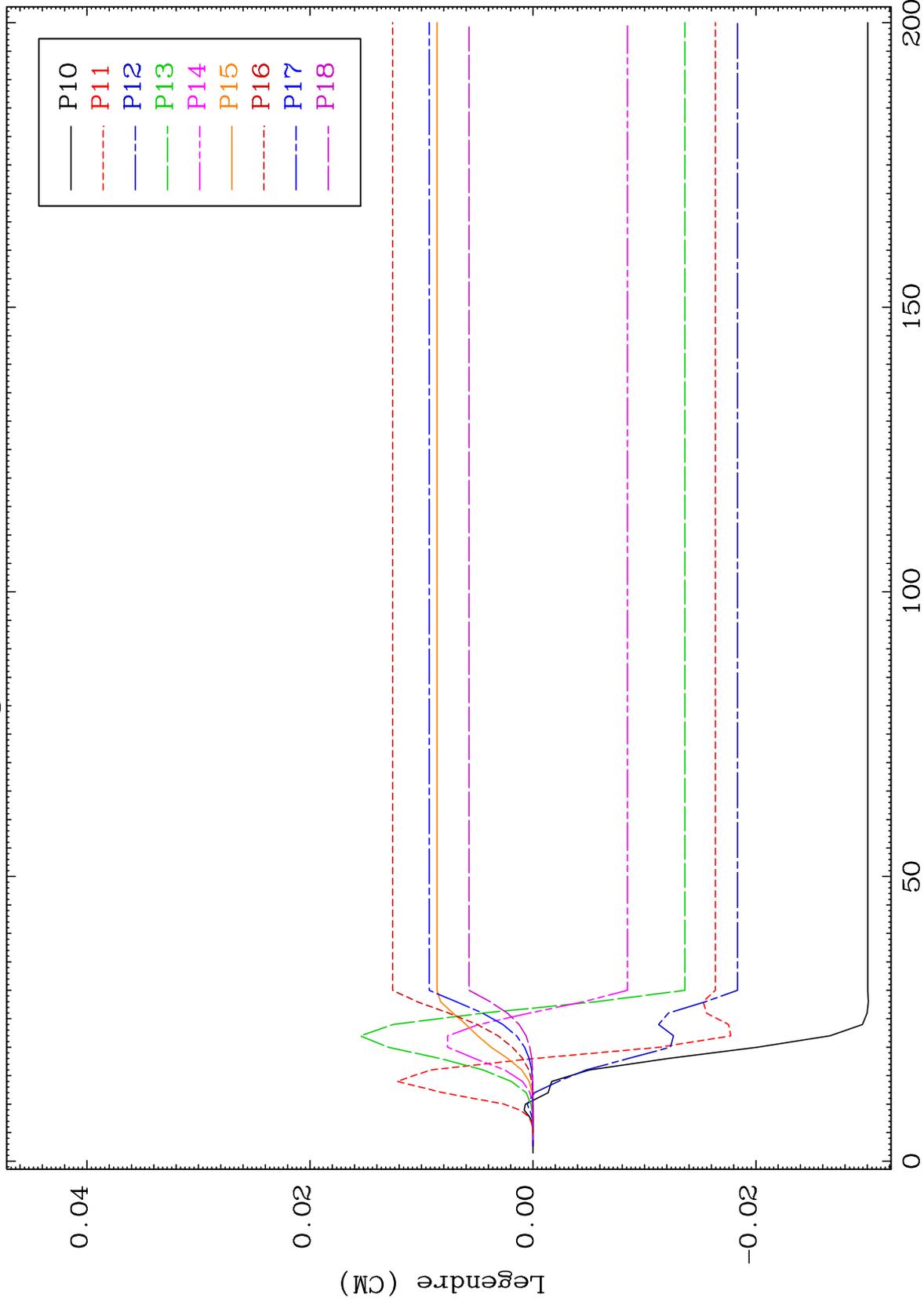




MAT 3725

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

37-Rb-85



27

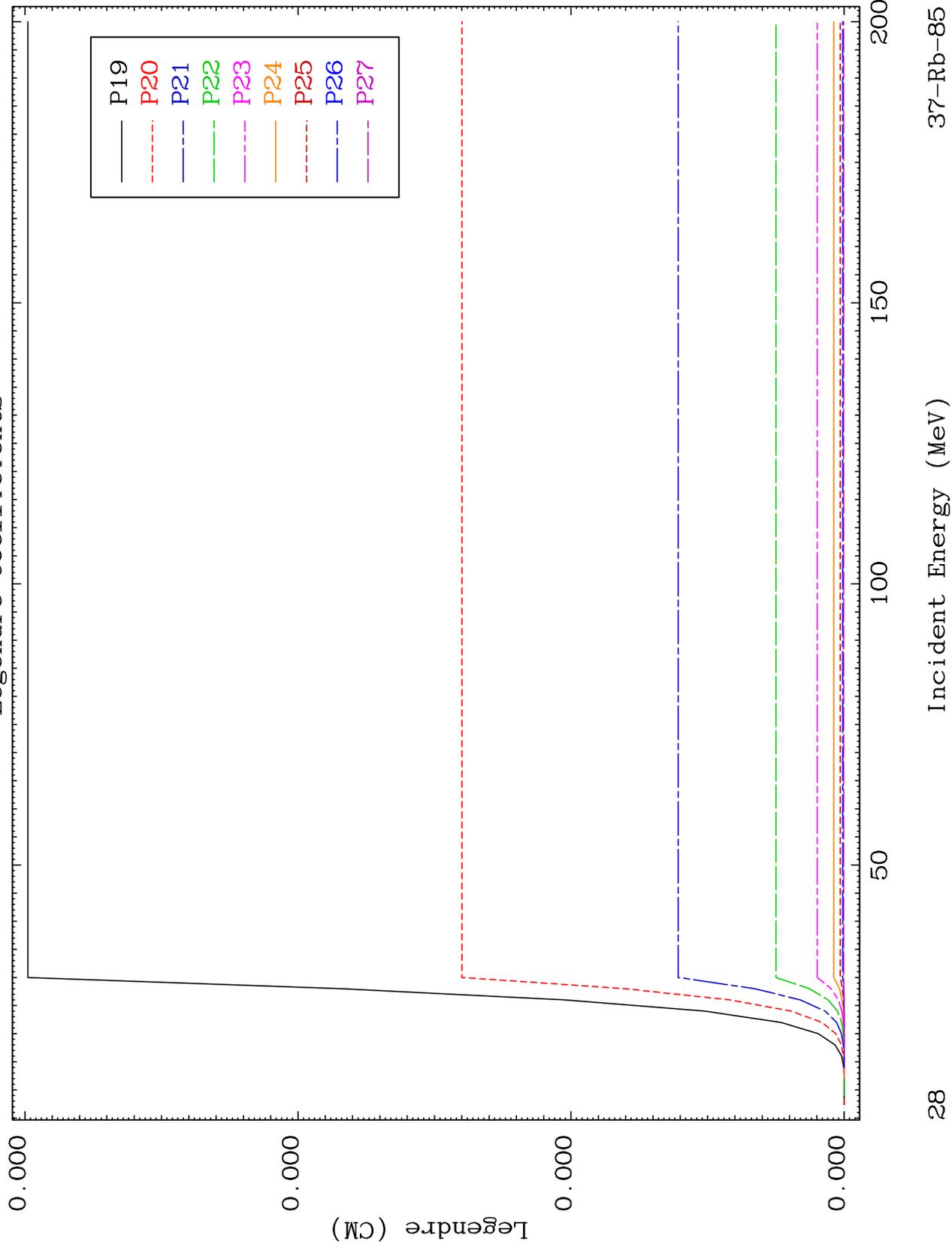
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



28

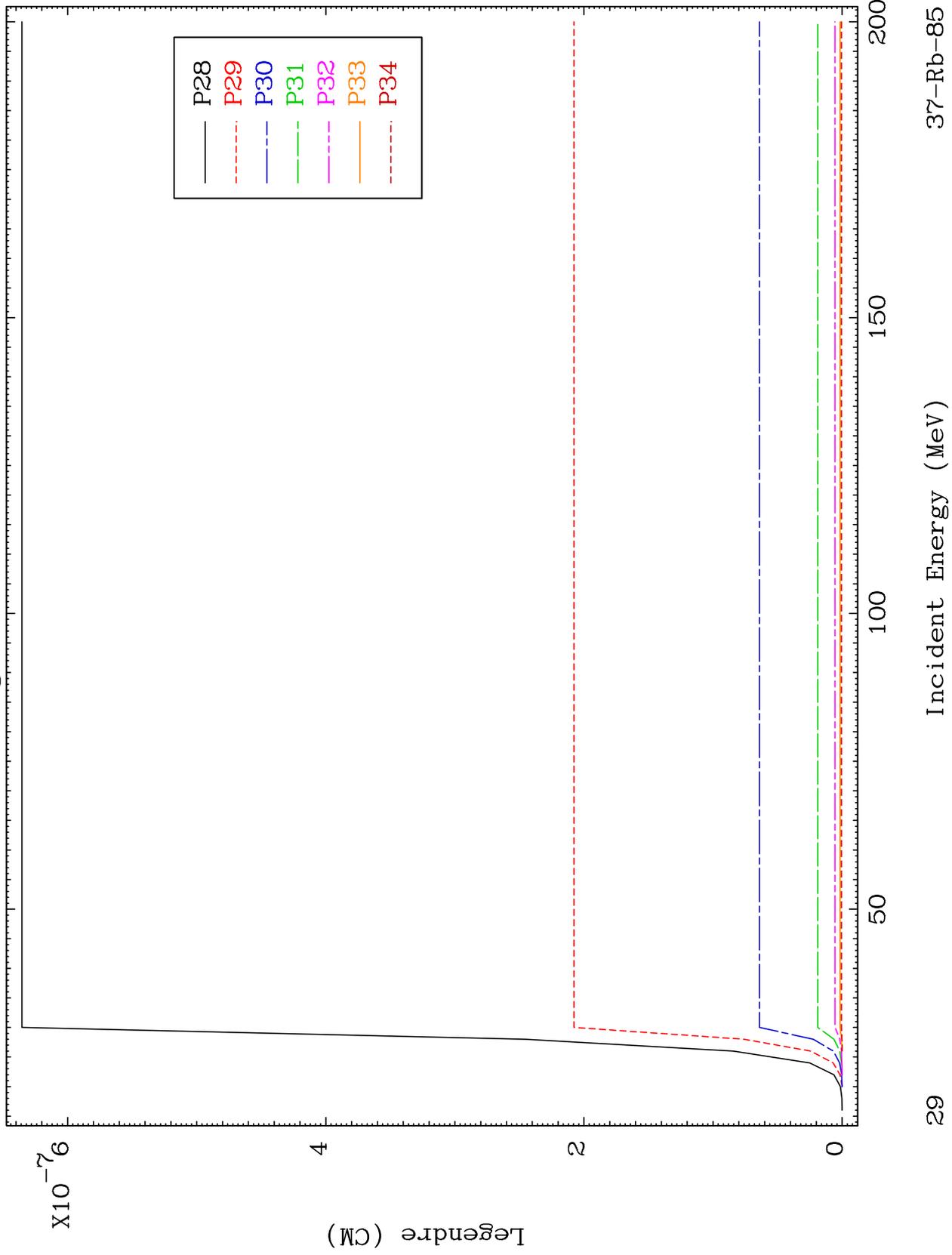
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85

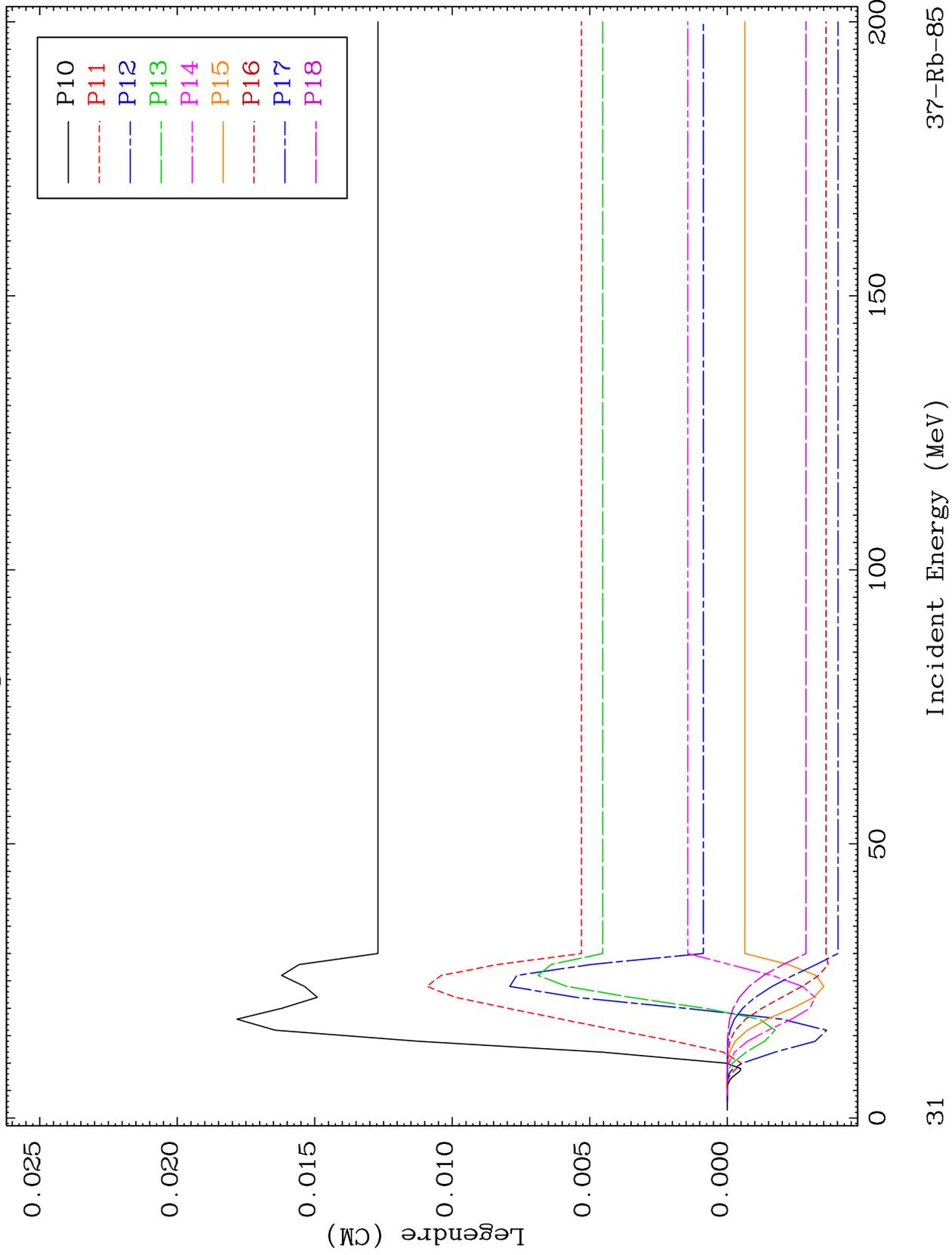




MAT 3725

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

37-Rb-85



31

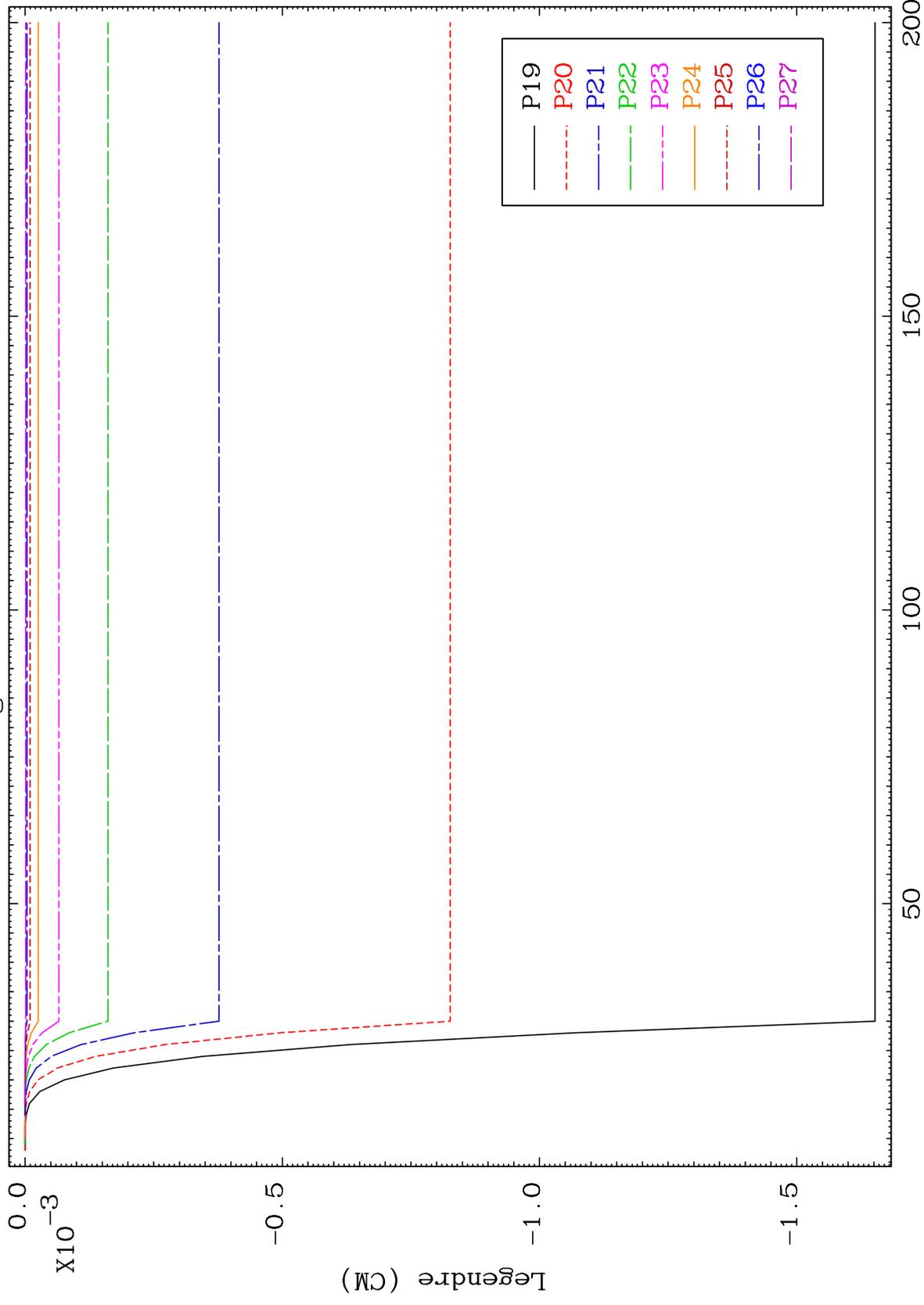
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

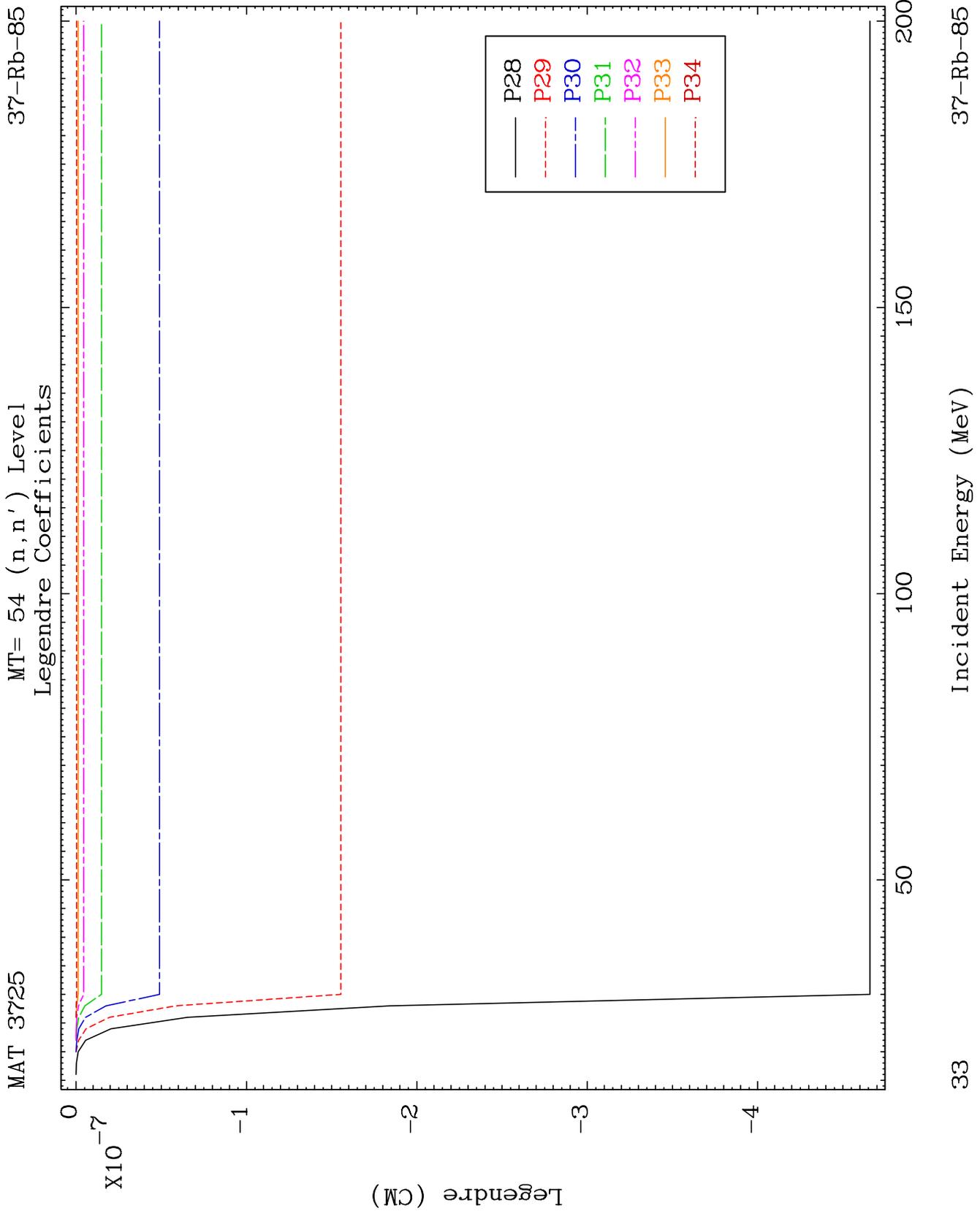
37-Rb-85



37-Rb-85

Incident Energy (MeV)

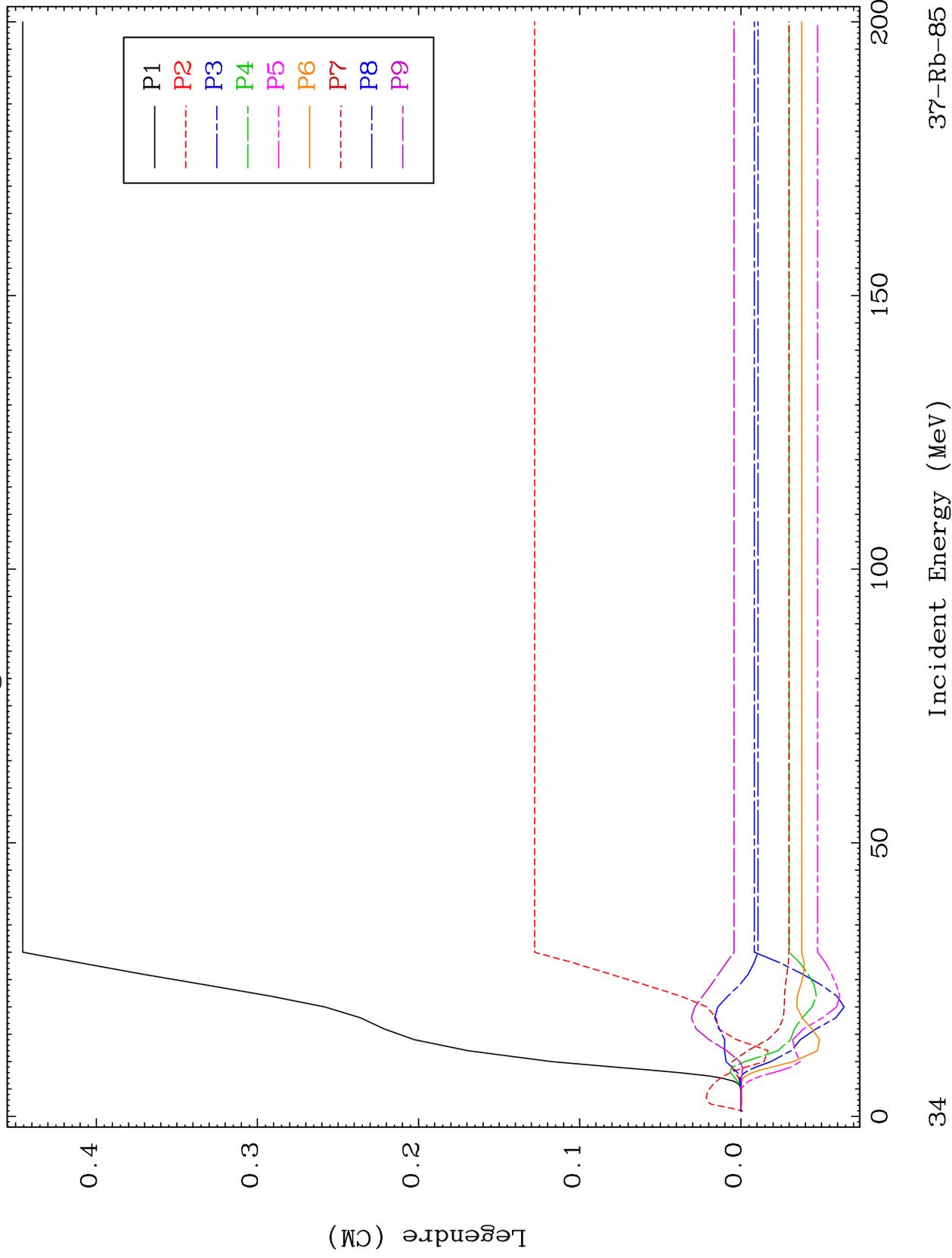
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MAT 3725

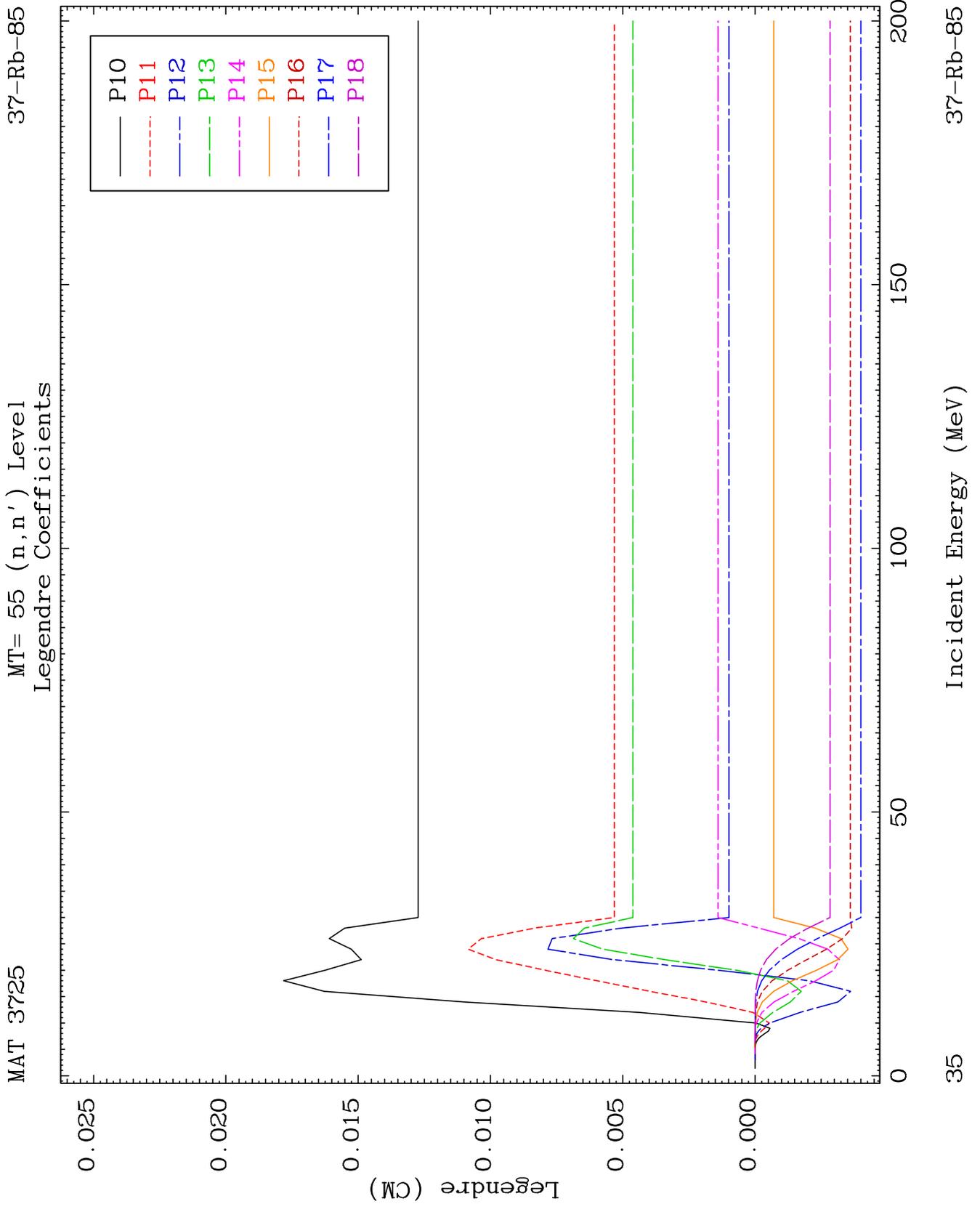
MT= 55 (n,n') Level  
Legendre Coefficients

37-Rb-85



34

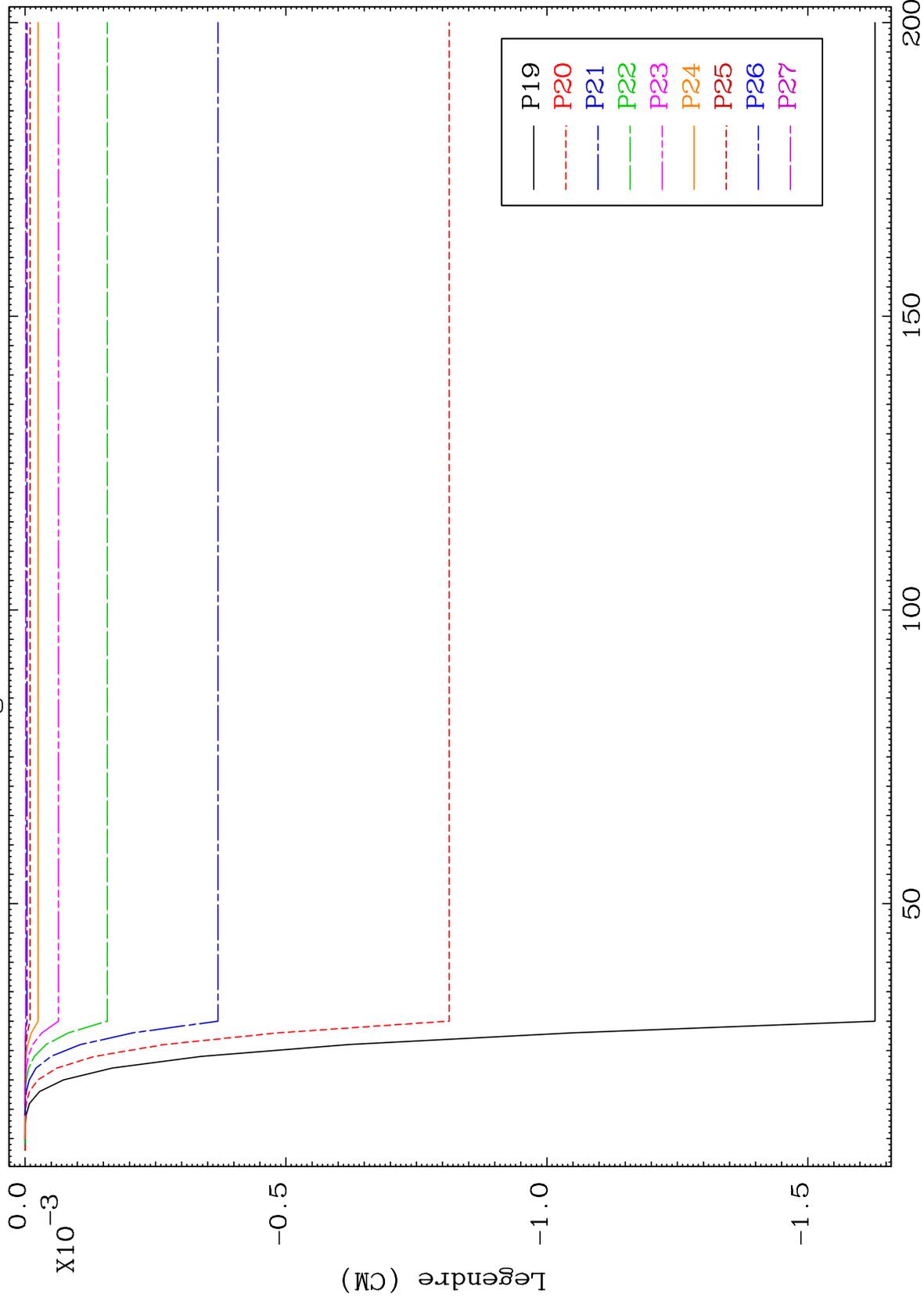
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MAT 3725

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

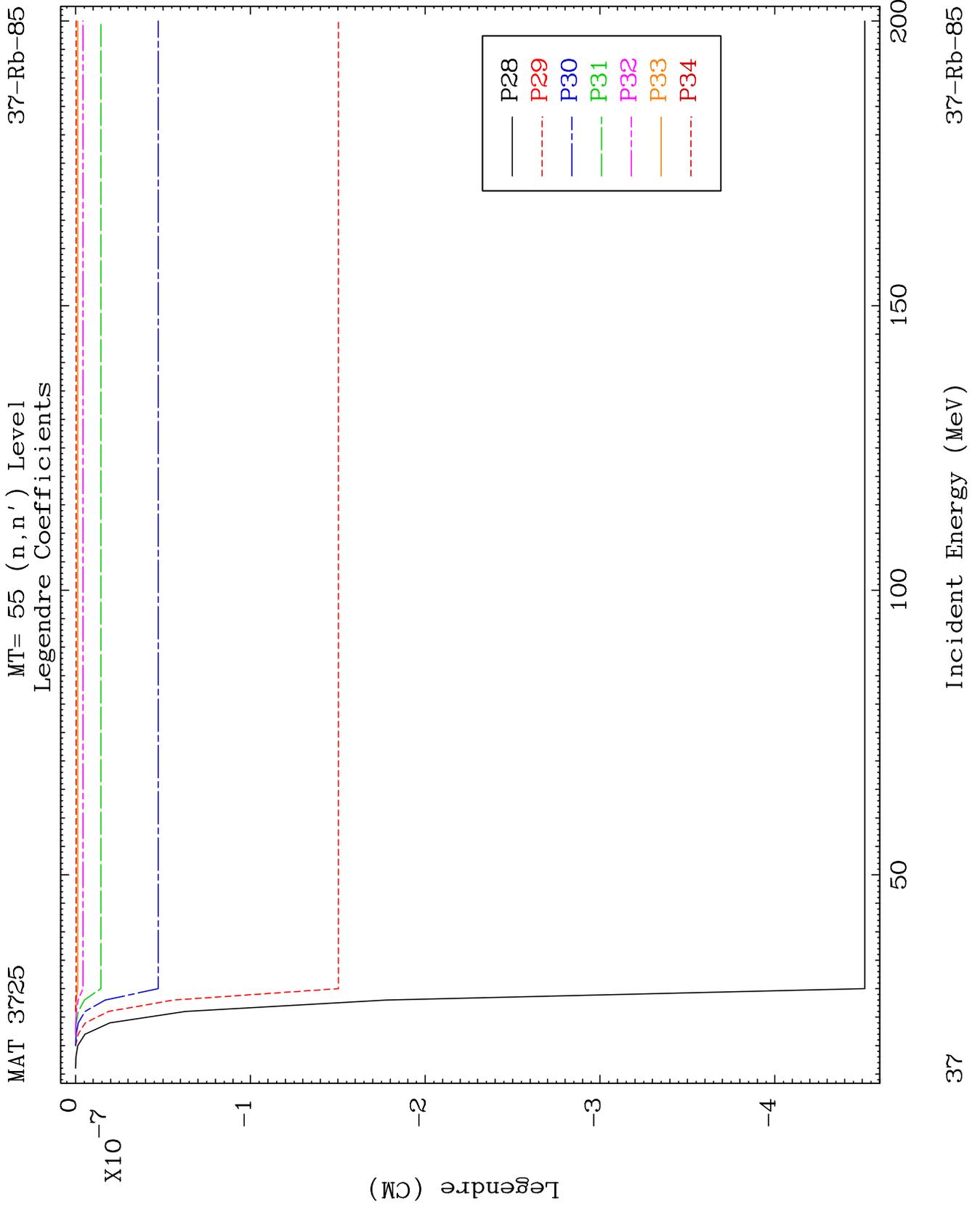
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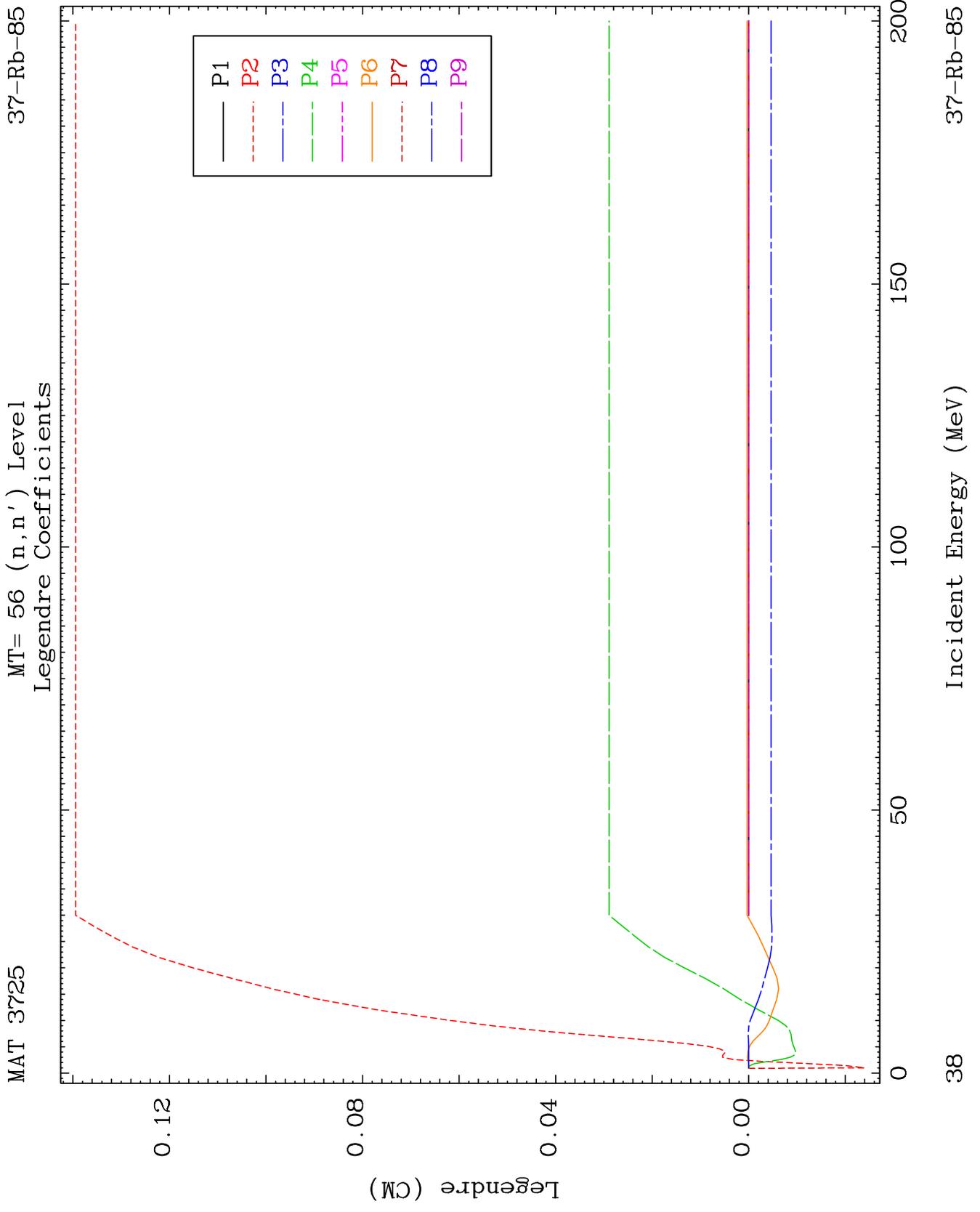


37-Rb-85

Incident Energy (MeV)

36

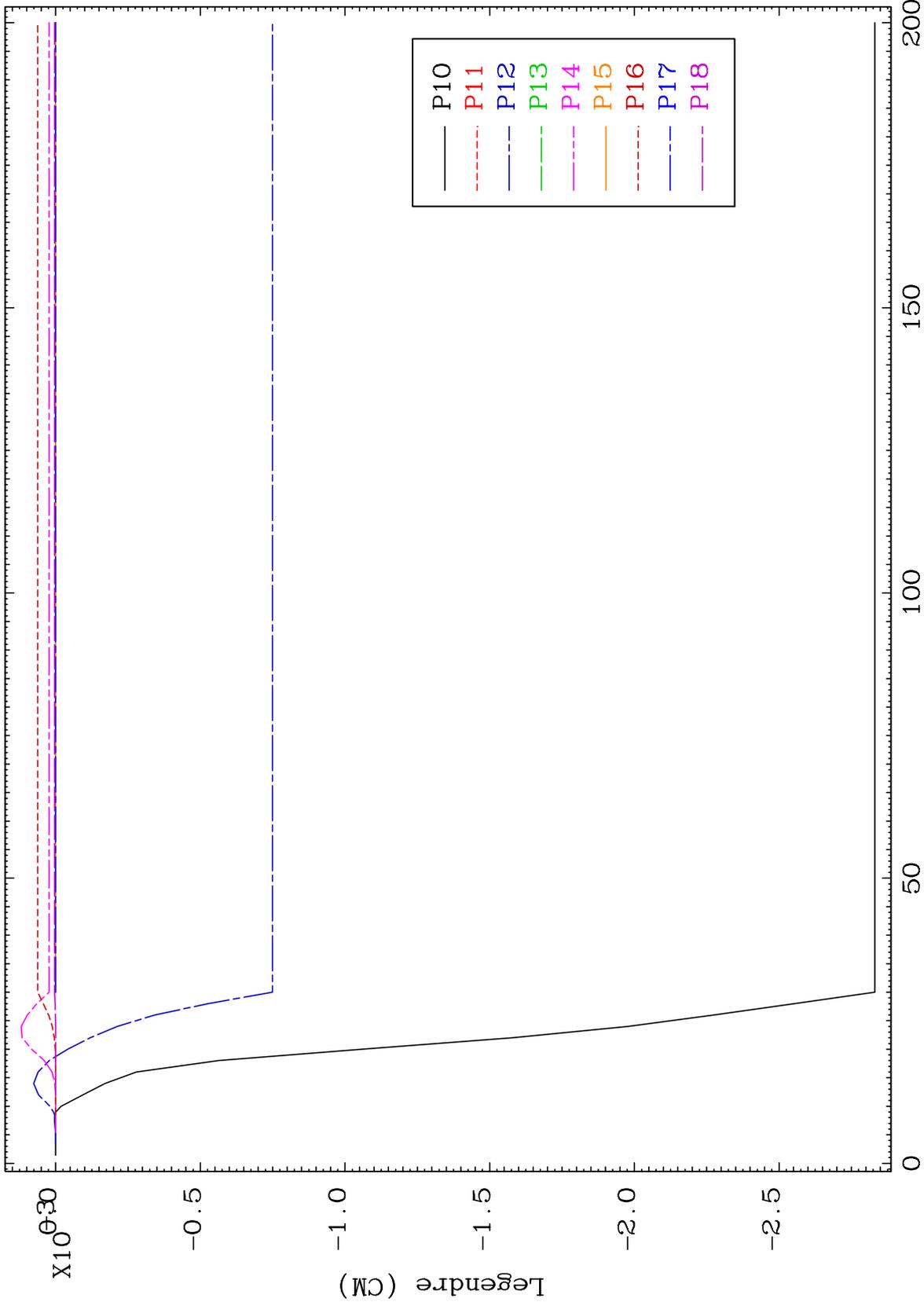




MAT 3725

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

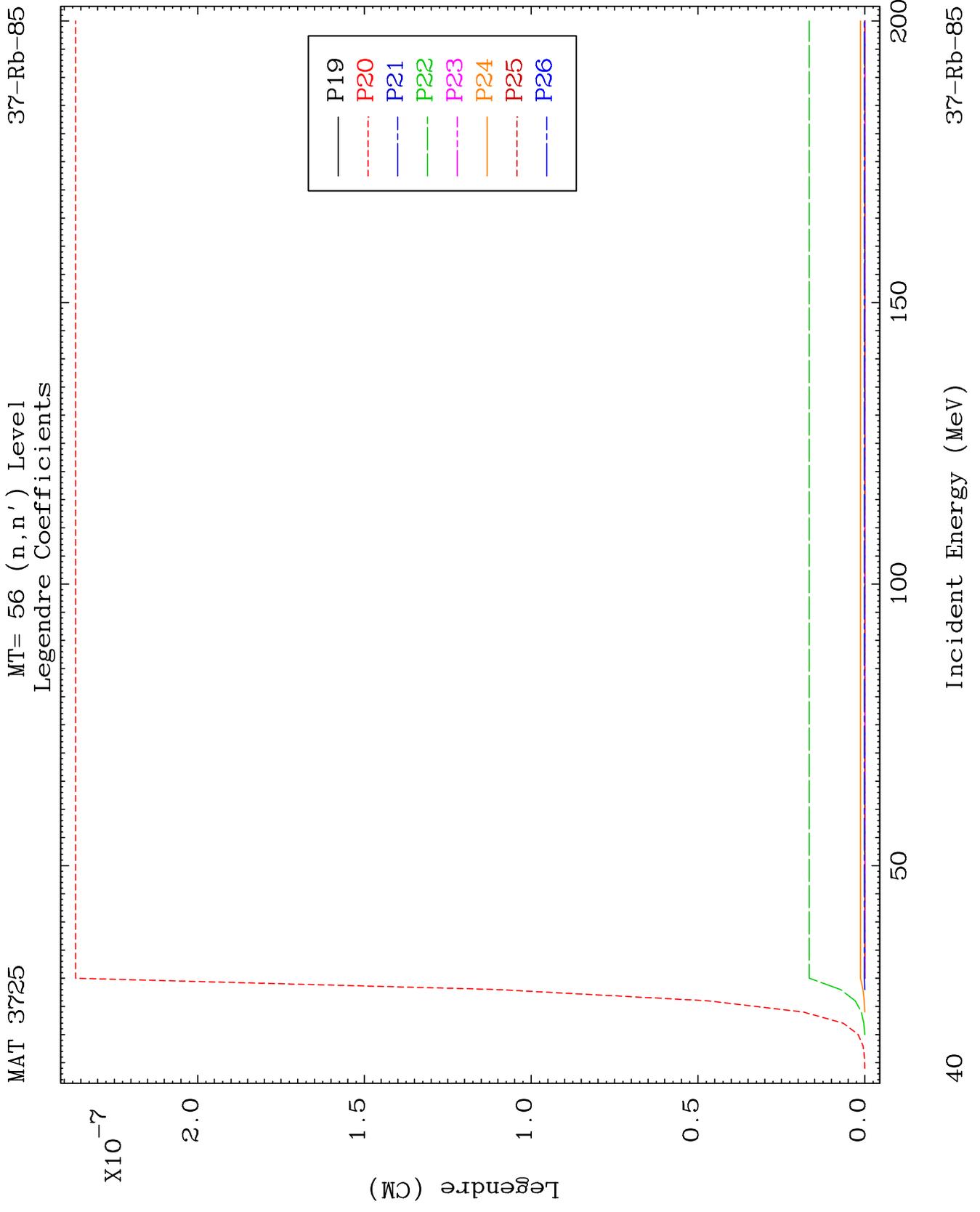
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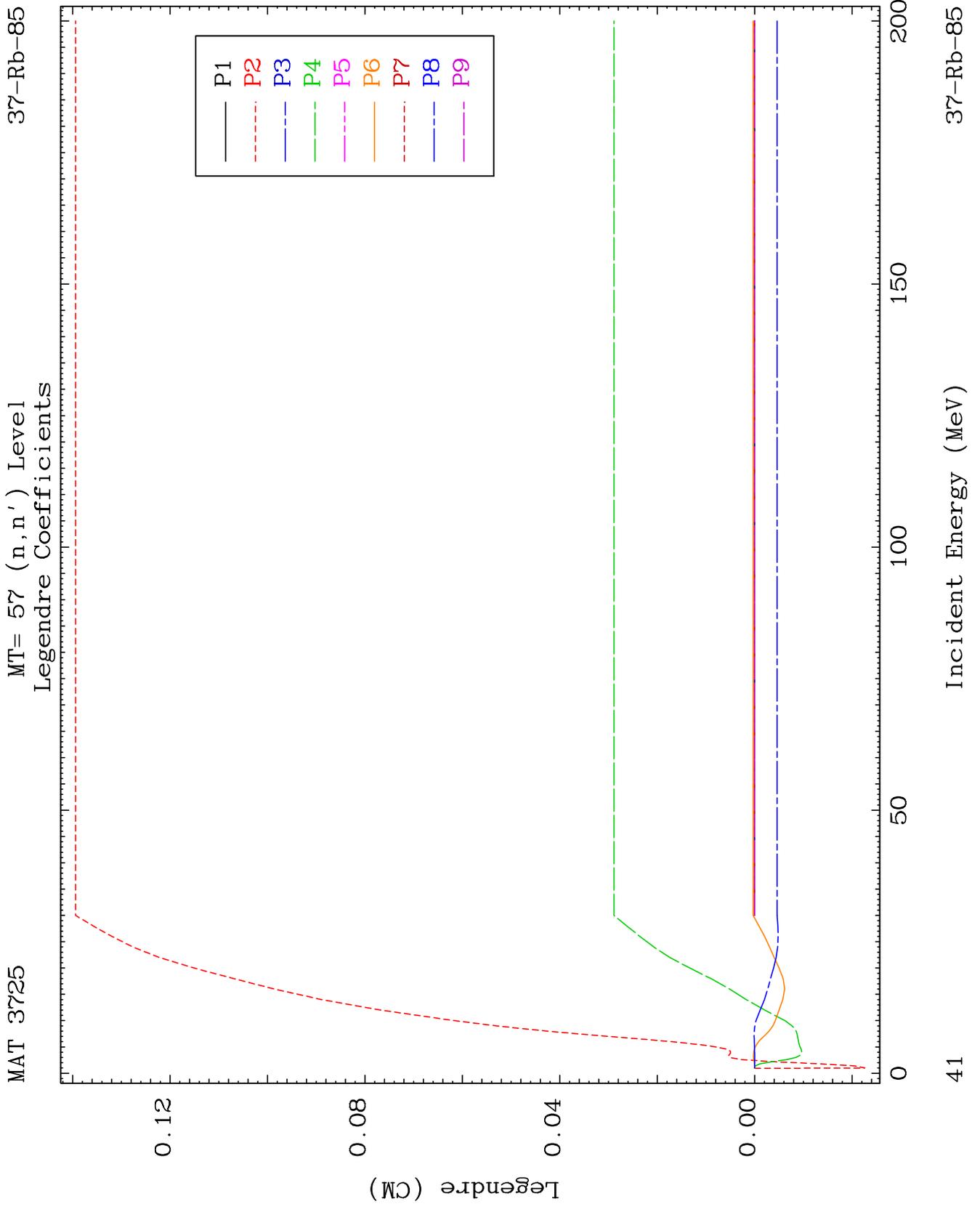


39

Incident Energy (MeV)

37-Rb-85

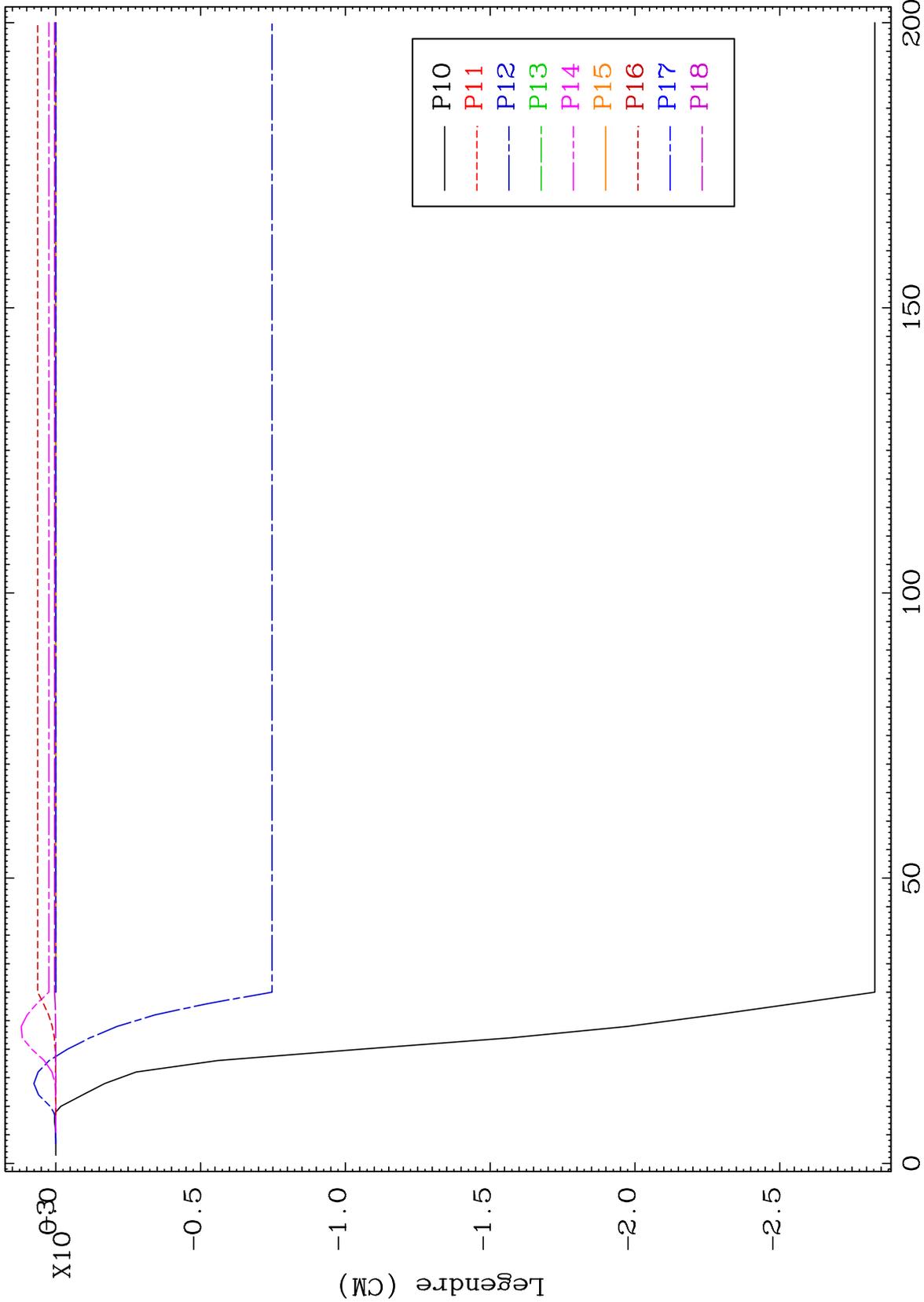




MAT 3725

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

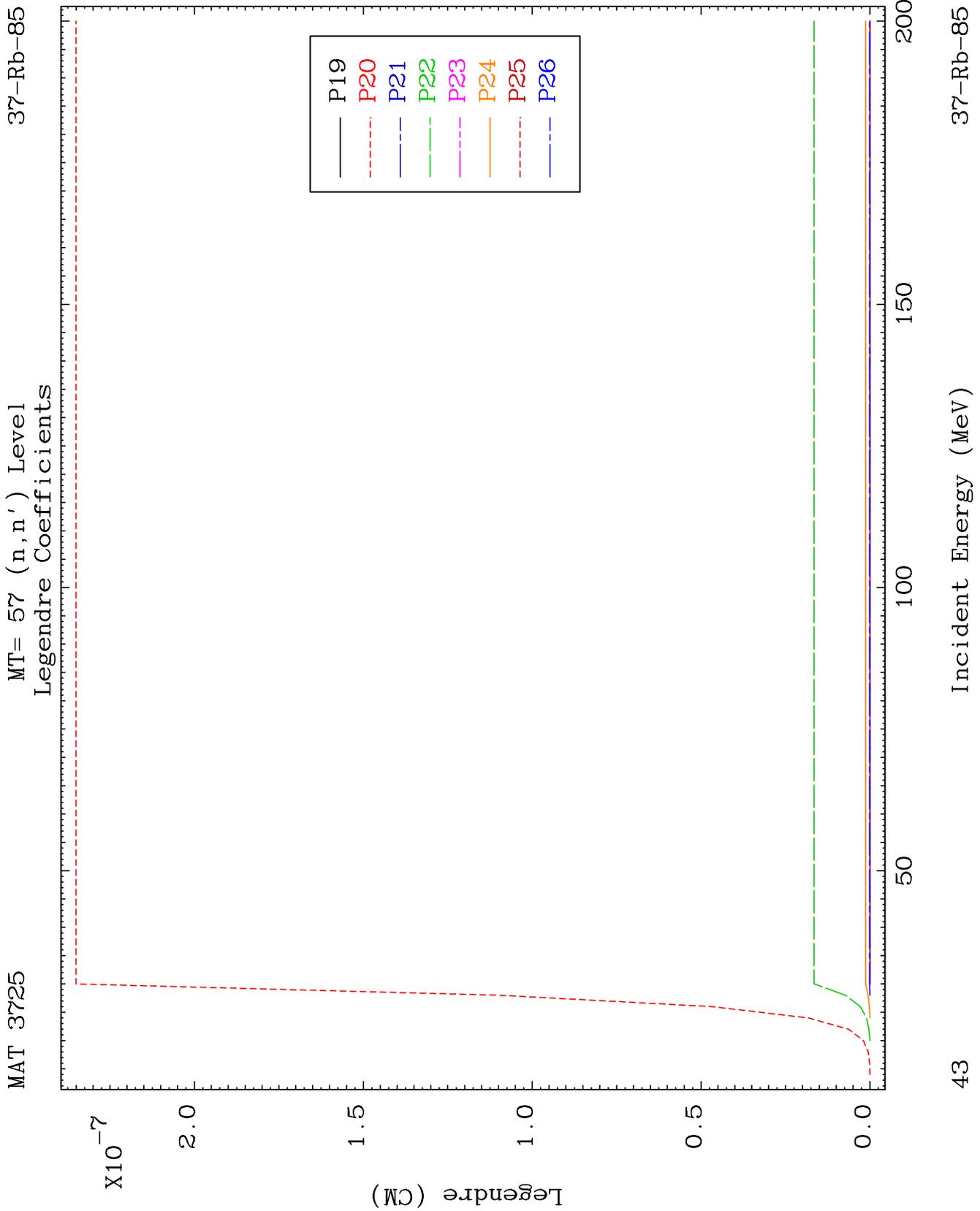
37-Rb-85



42

Incident Energy (MeV)

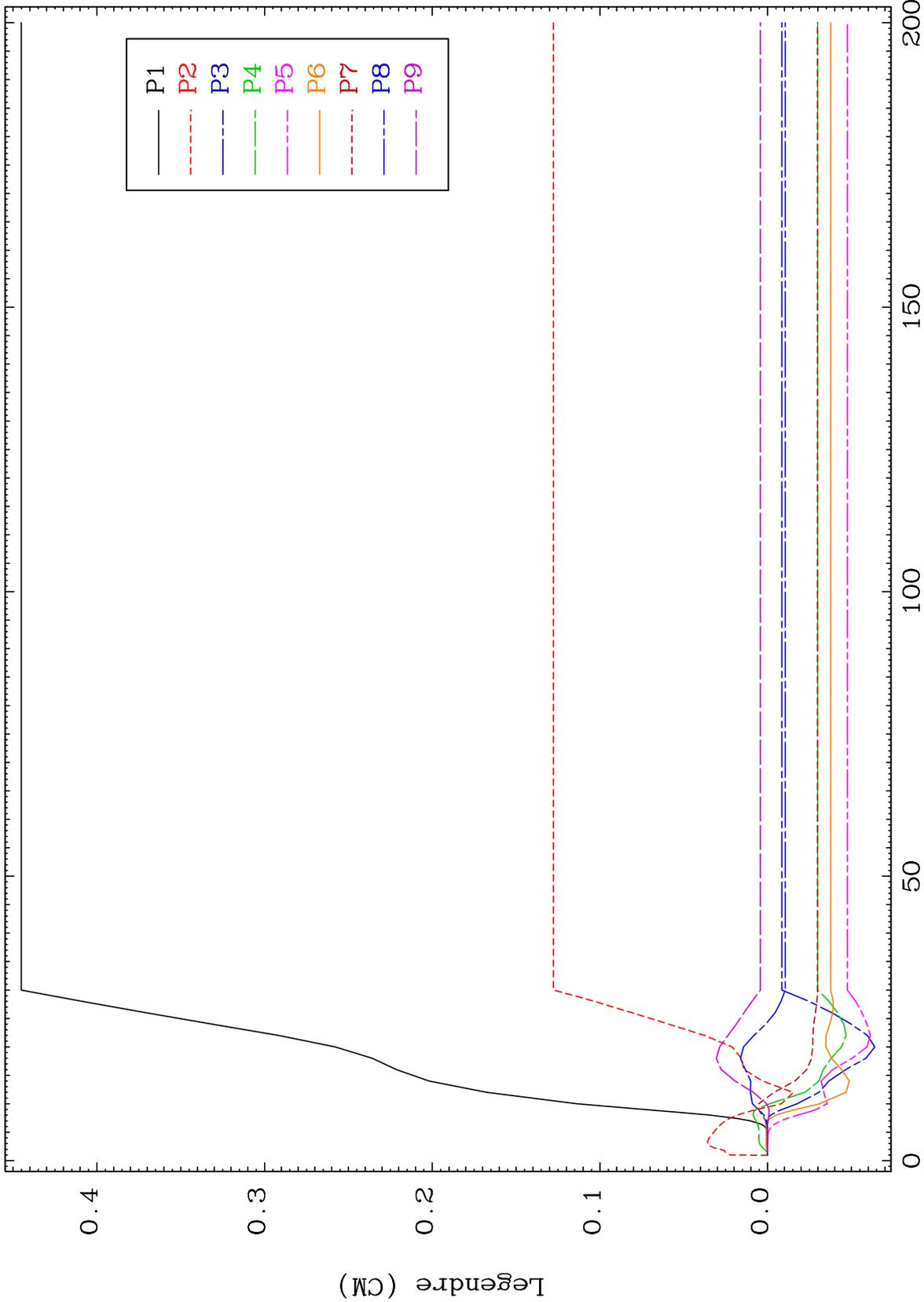
37-Rb-85



MAT 3725

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

37-Rb-85



44

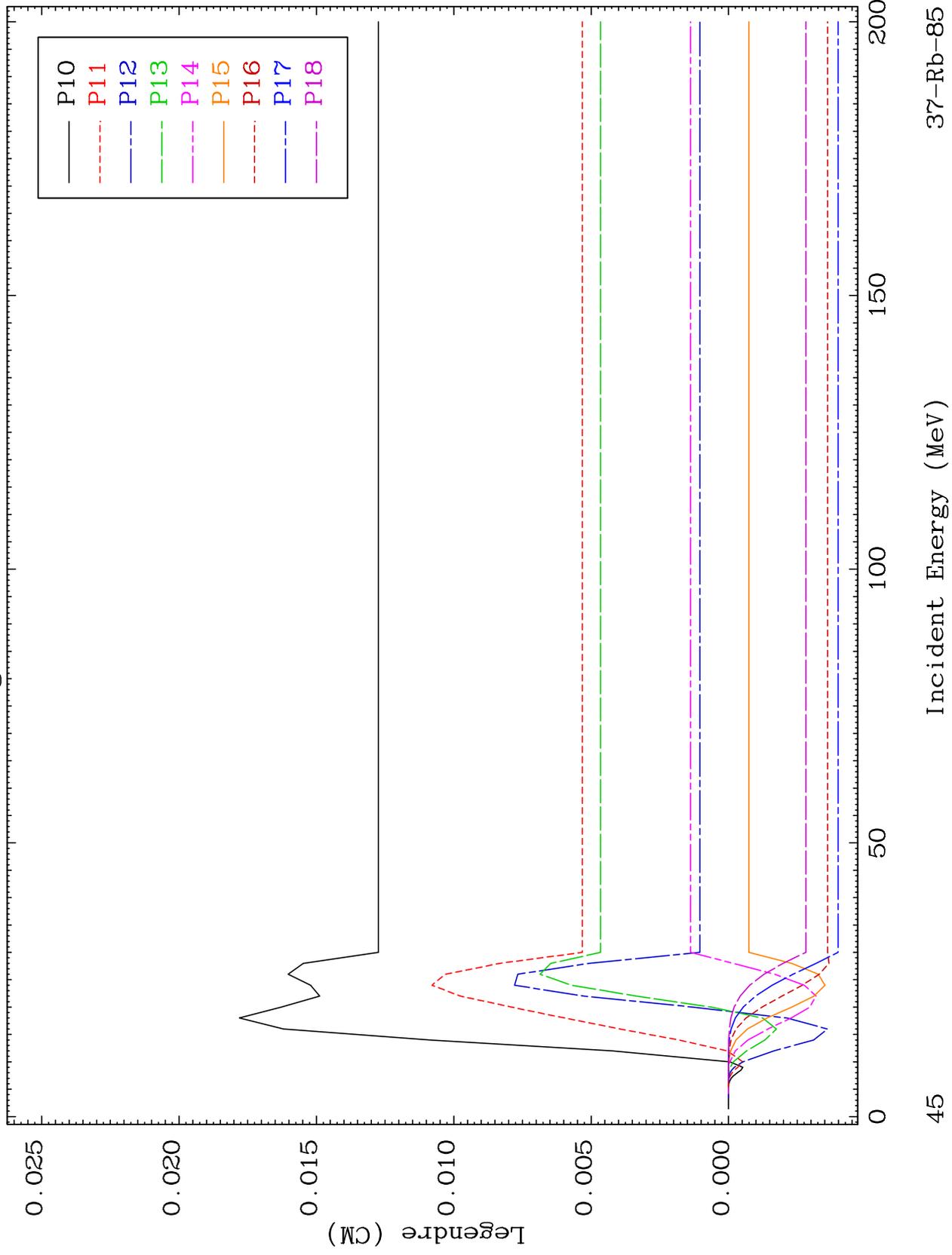
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

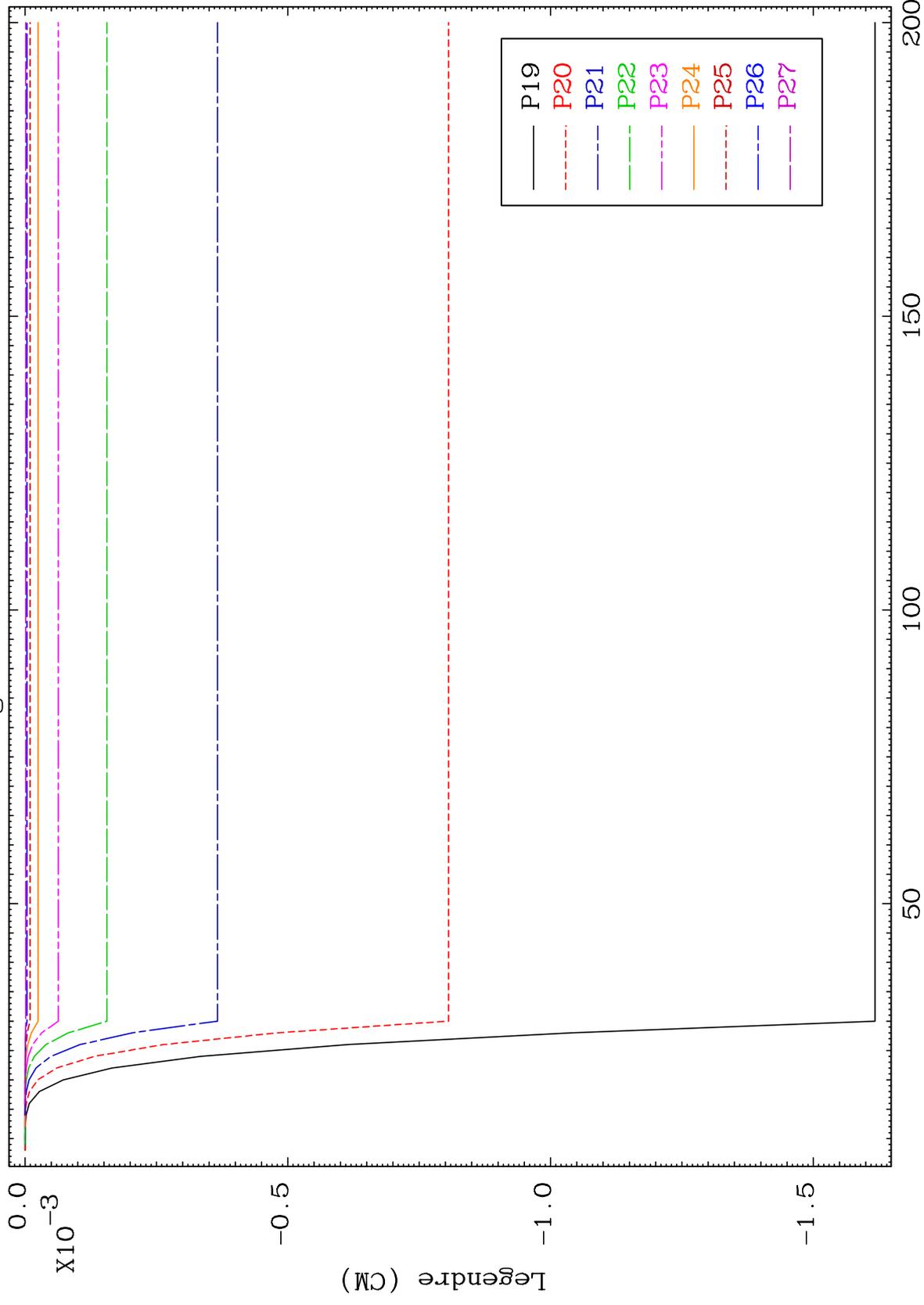
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MAT 3725

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

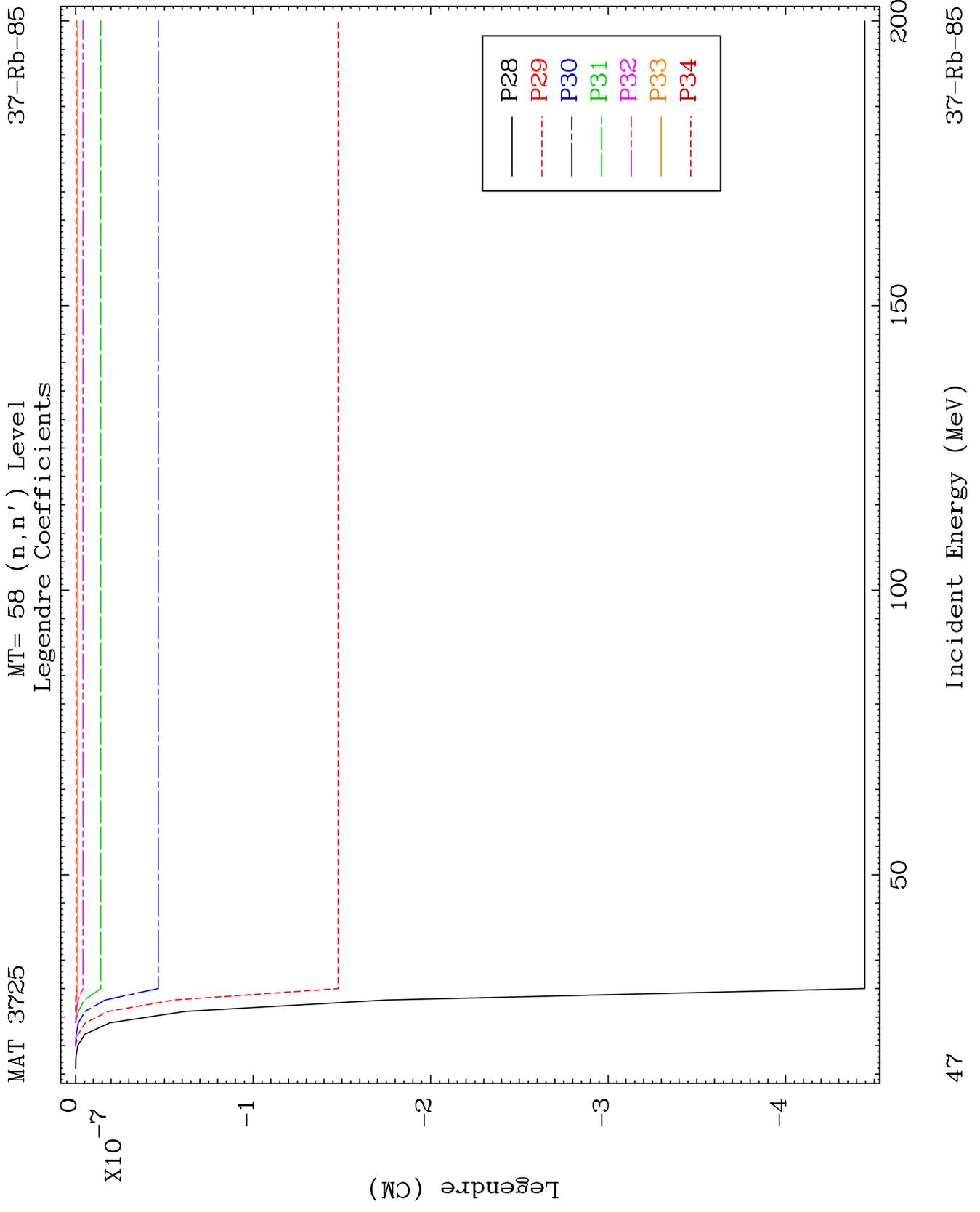
37-Rb-85



37-Rb-85

Incident Energy (MeV)

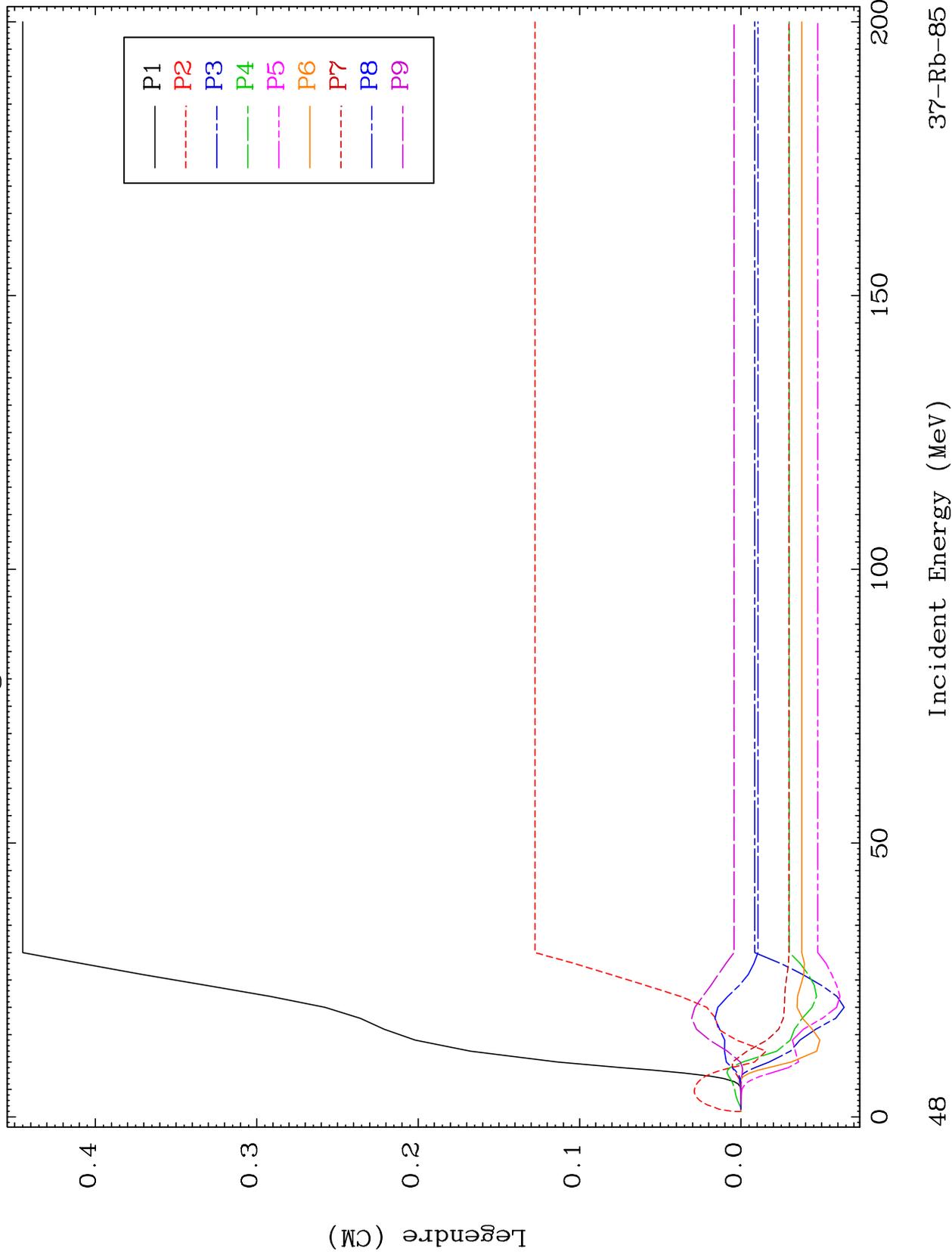
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MAT 3725

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

37-Rb-85



37-Rb-85

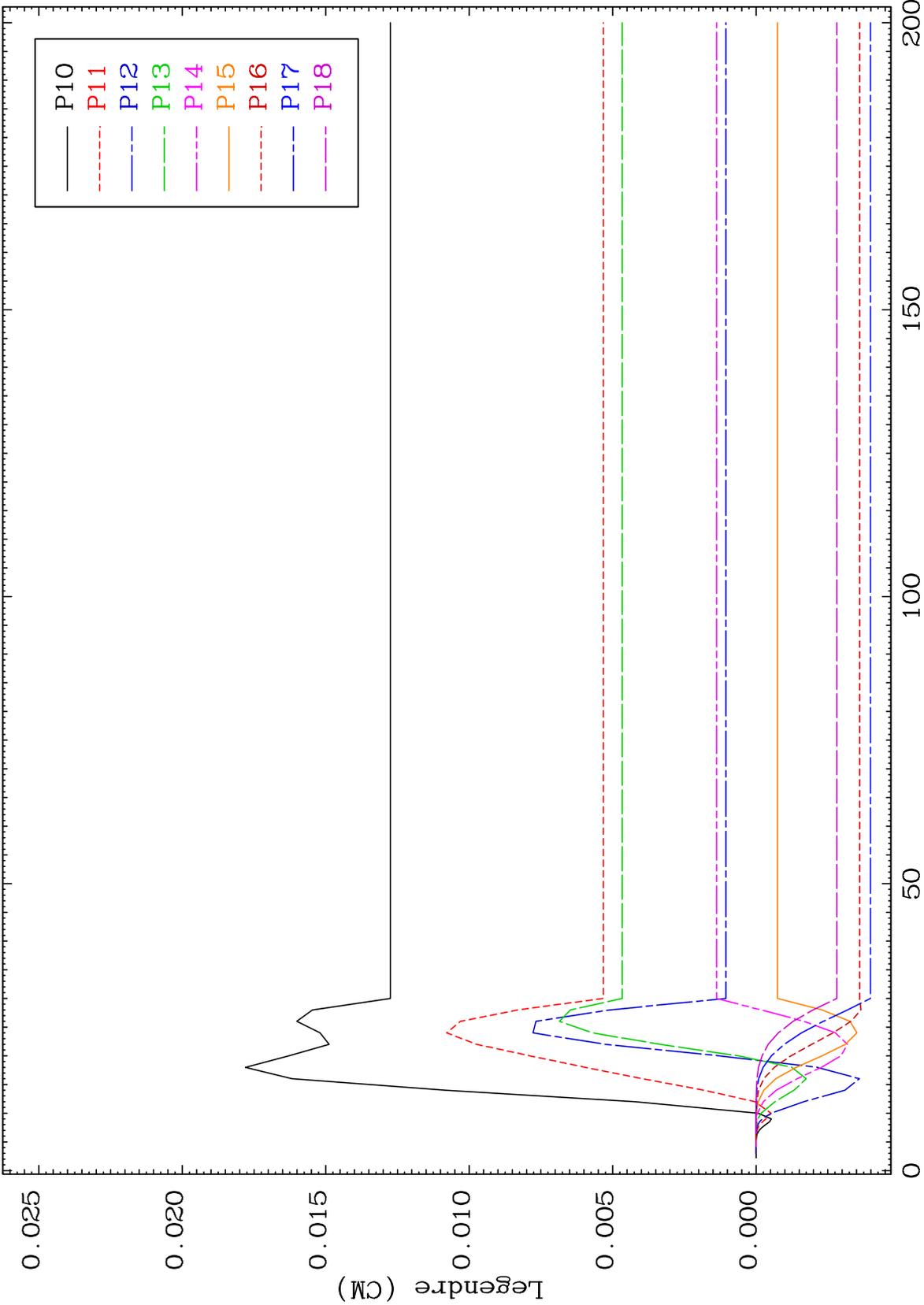
Incident Energy (MeV)

48

MAT 3725

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

37-Rb-85



49

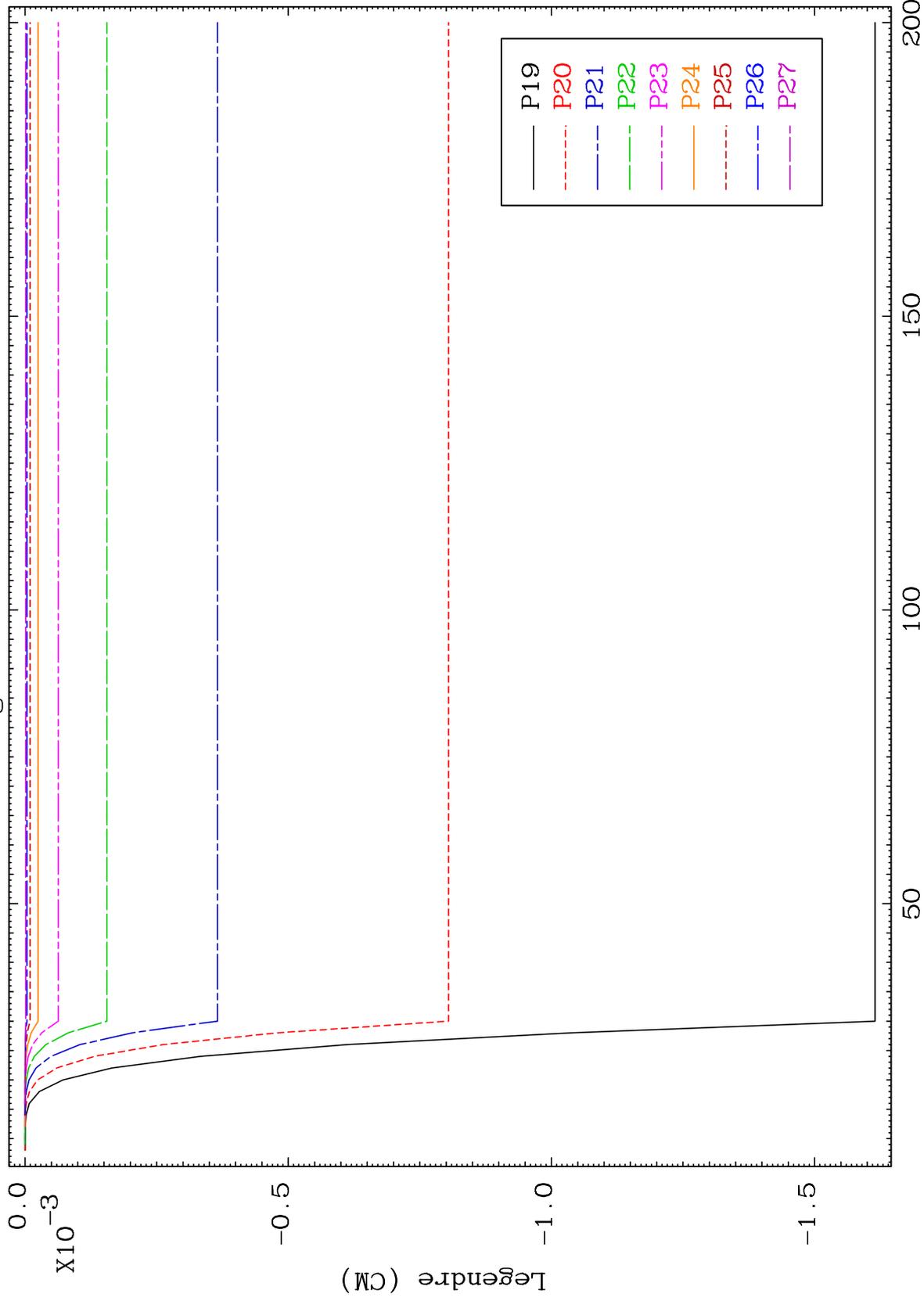
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

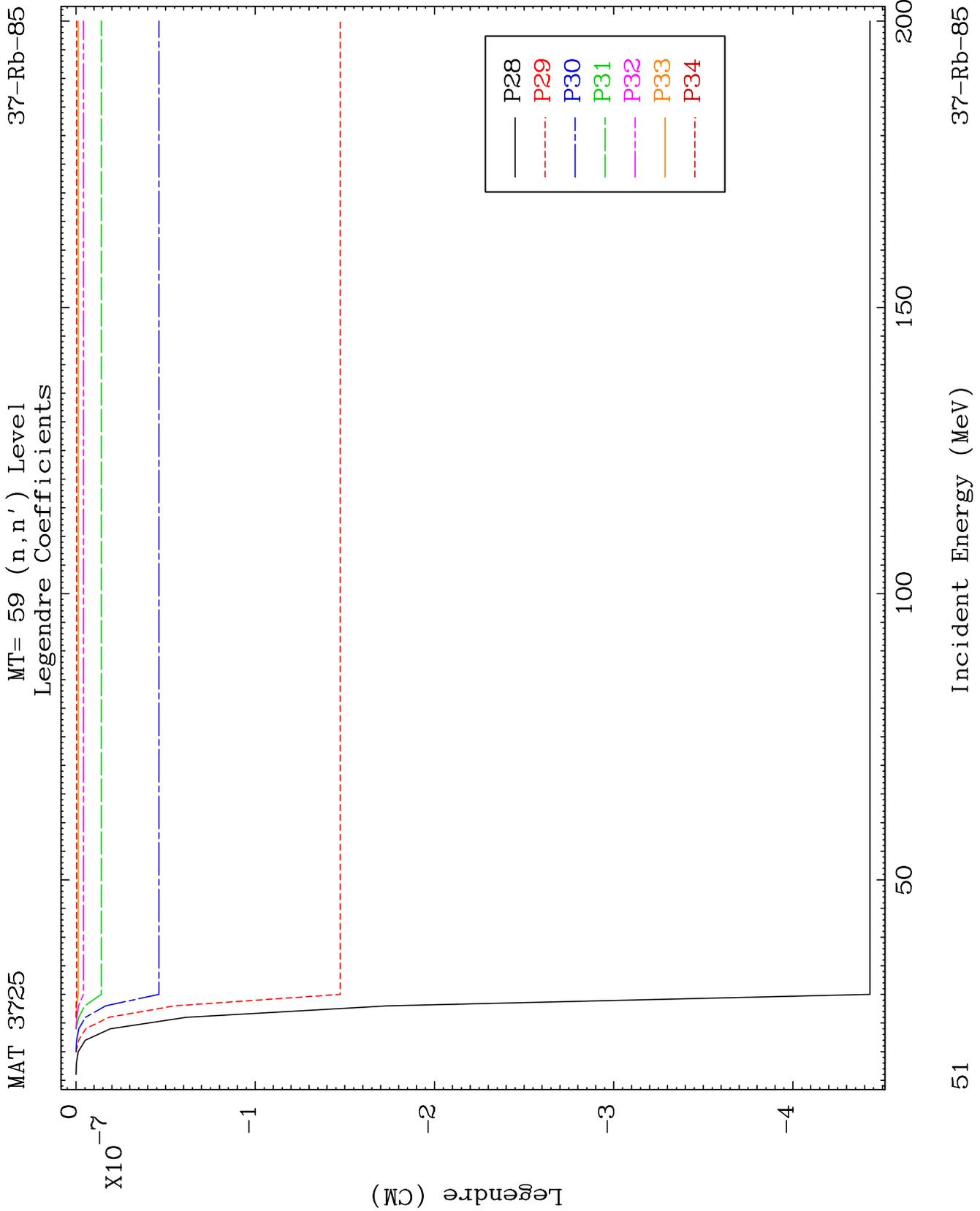
37-Rb-85



37-Rb-85

Incident Energy (MeV)

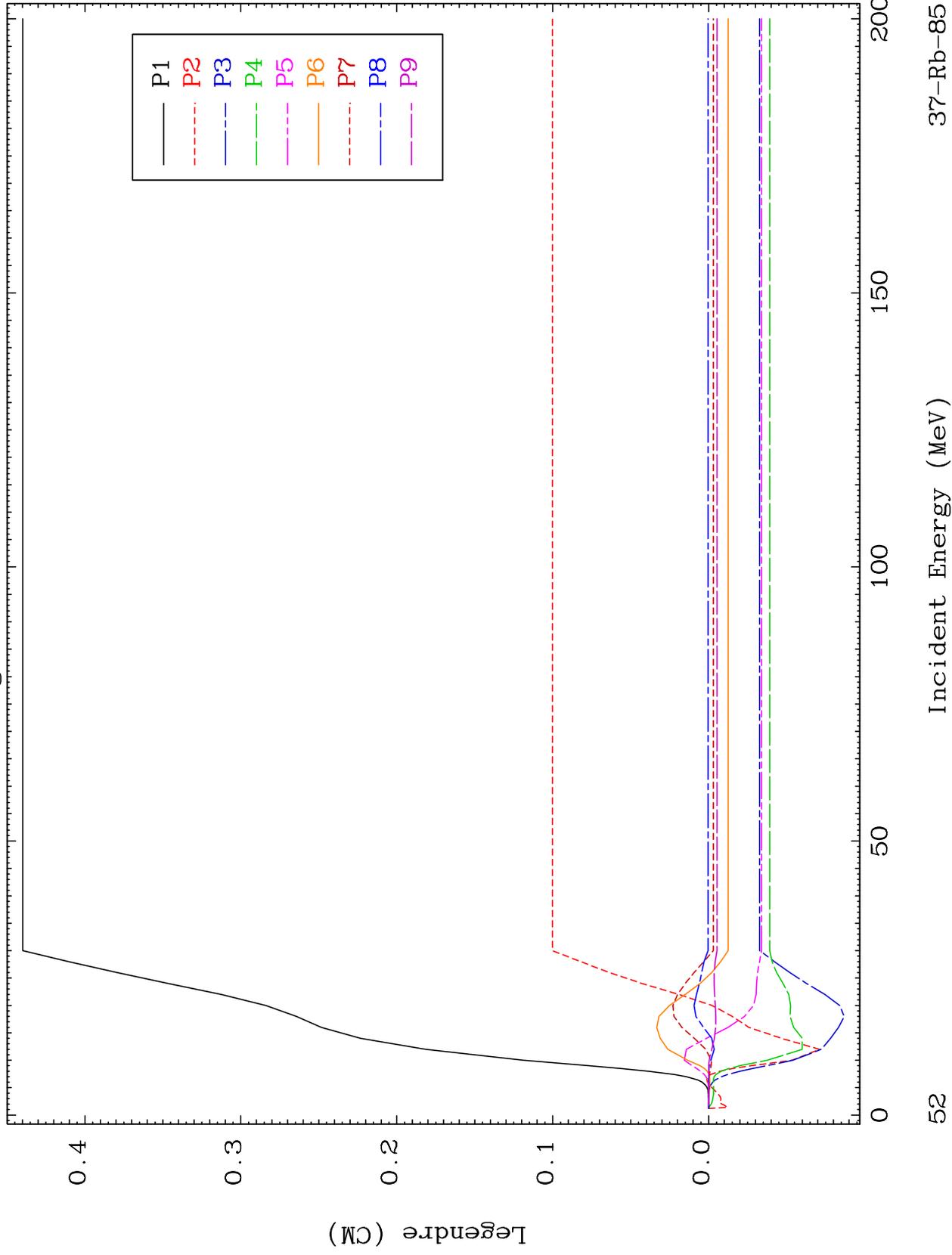
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MAT 3725

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

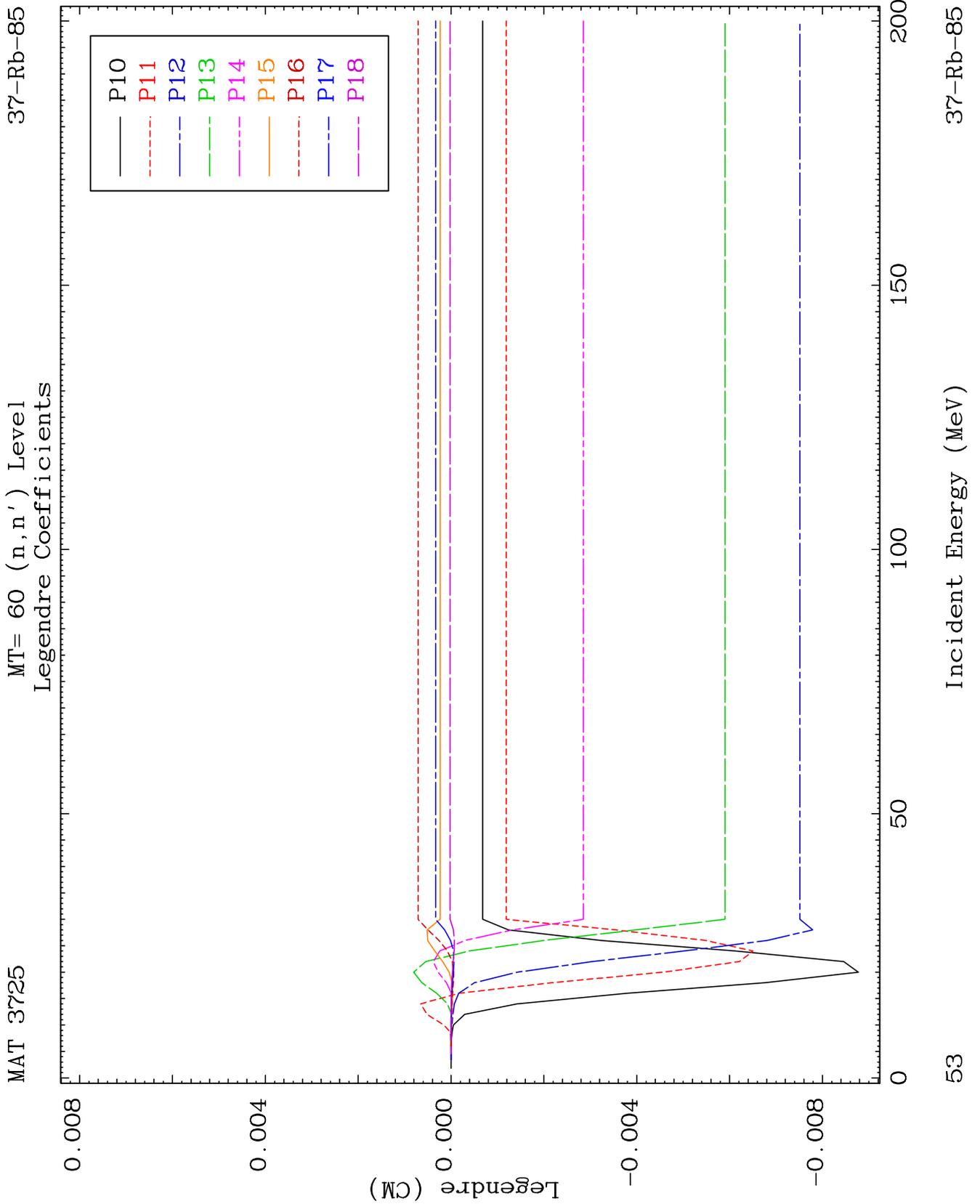
37-Rb-85



37-Rb-85

Incident Energy (MeV)

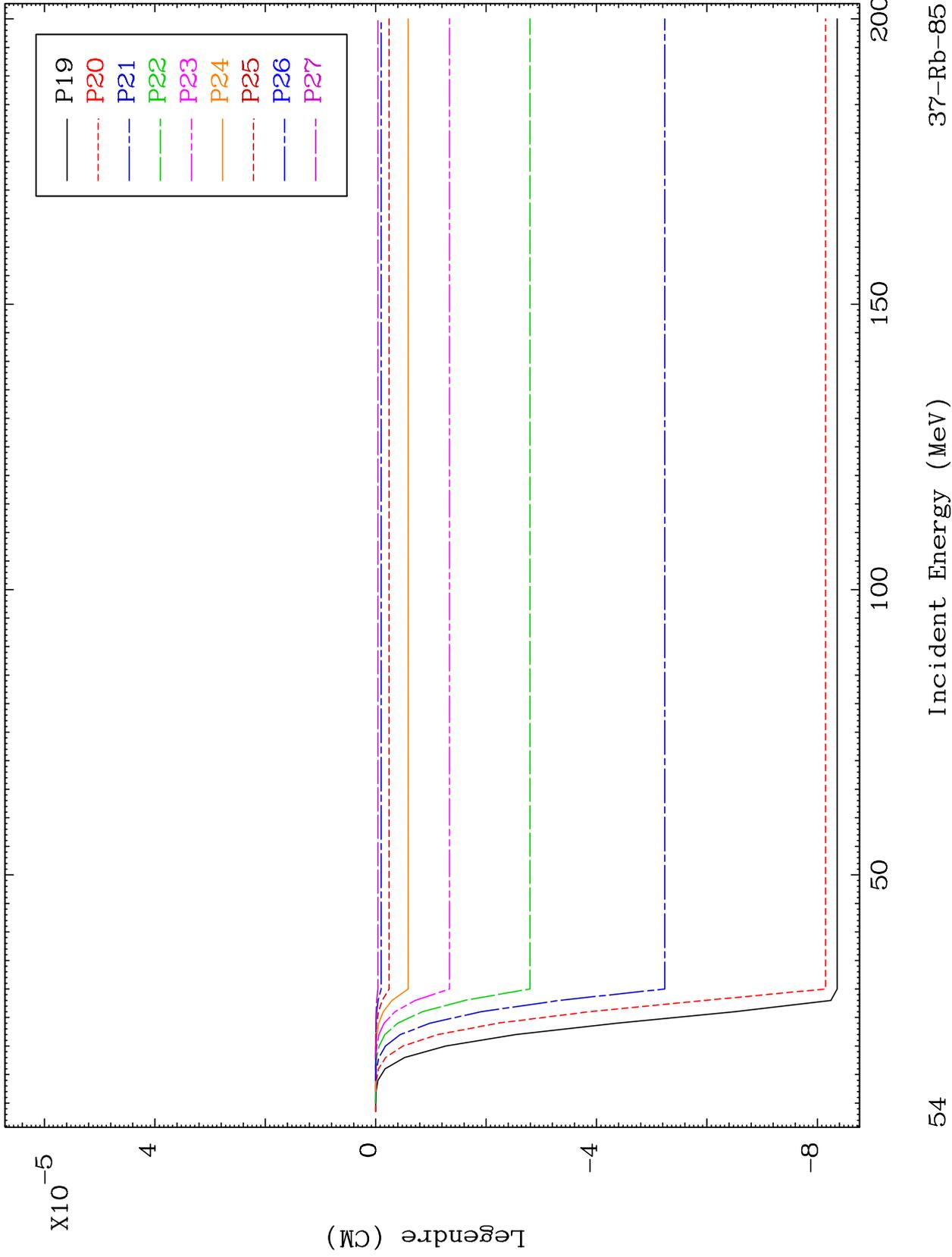
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MAT 3725

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

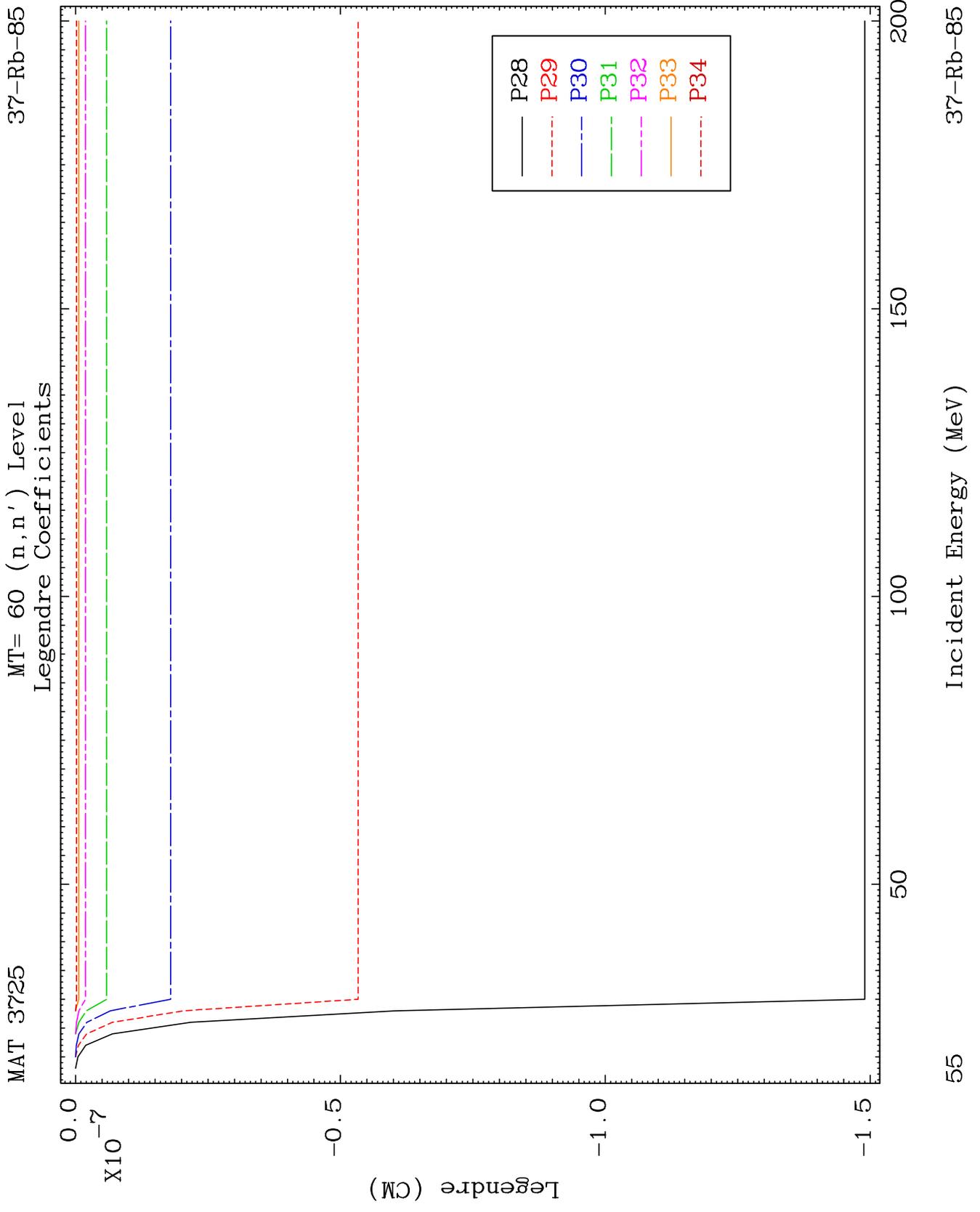
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54

Incident Energy (MeV)

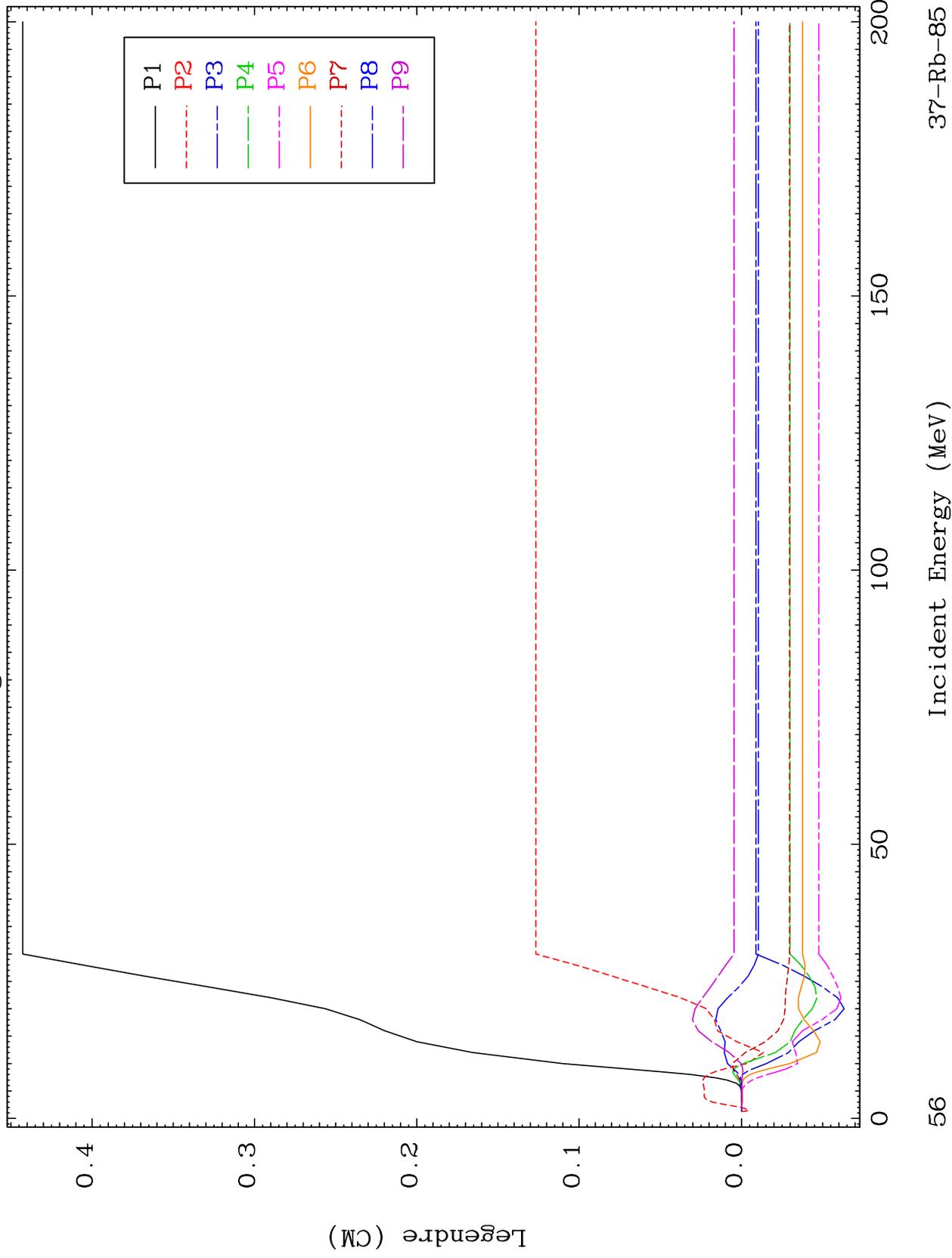
37-Rb-85



MAT 3725

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

37-Rb-85



37-Rb-85

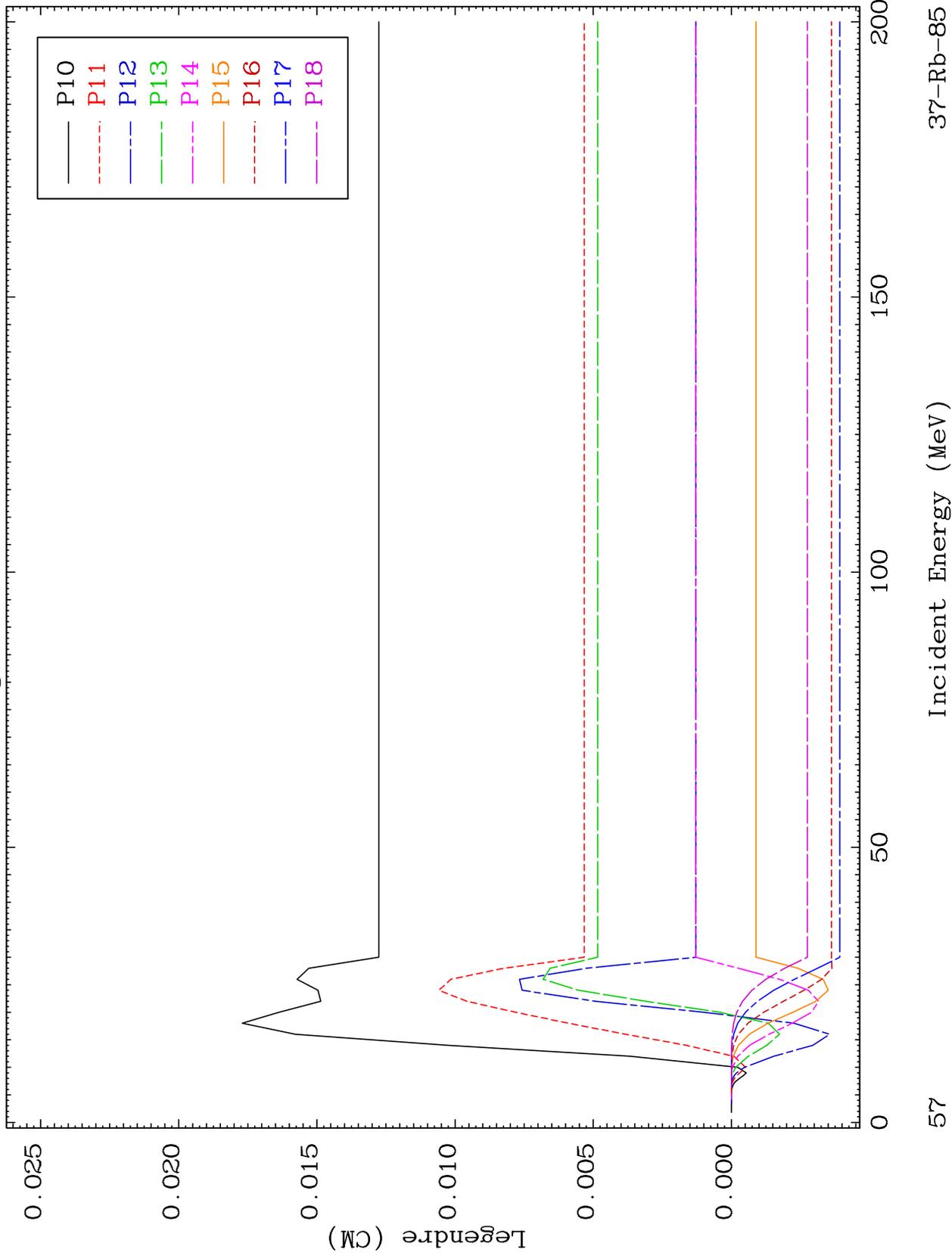
Incident Energy (MeV)

56

MAT 3725

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

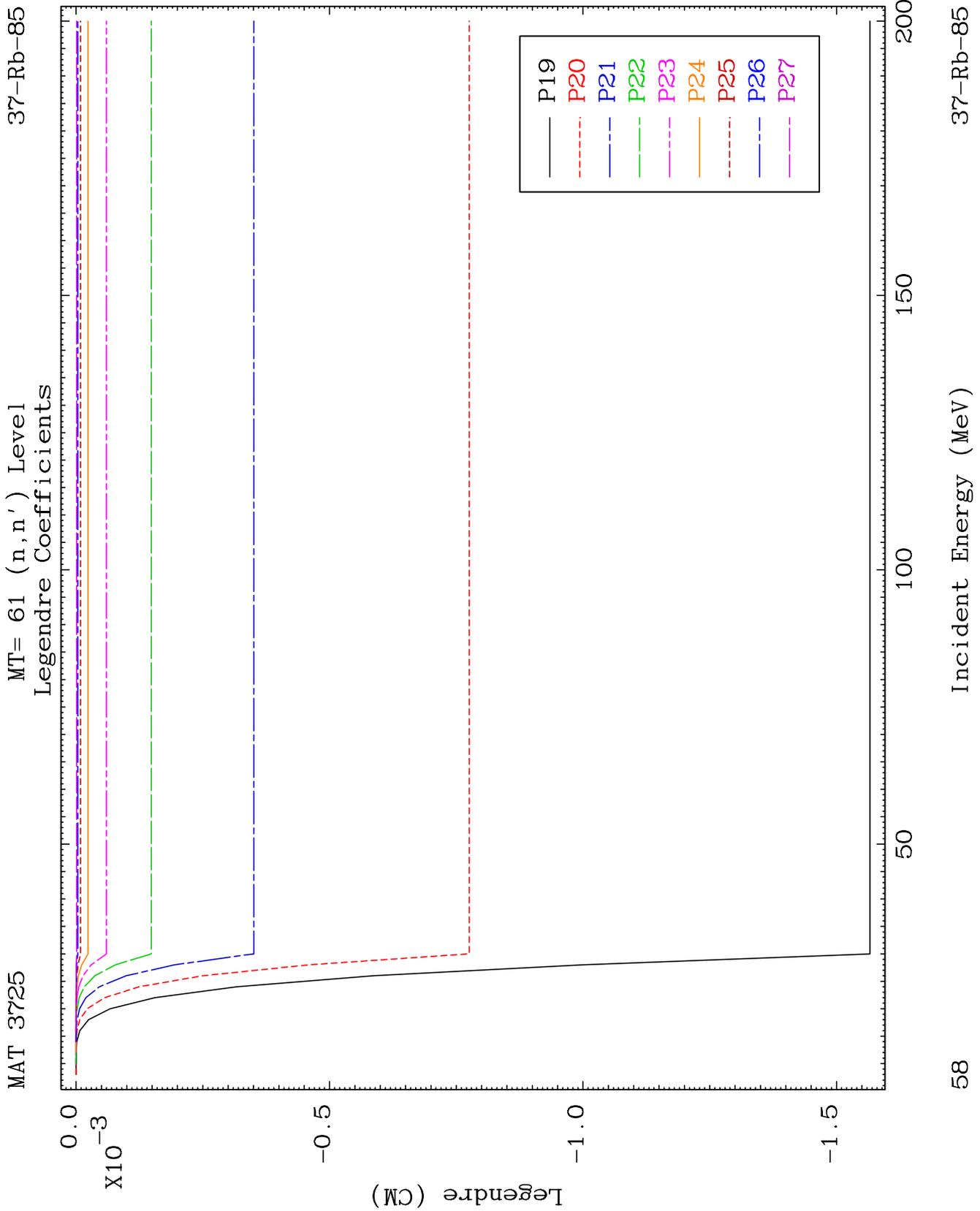
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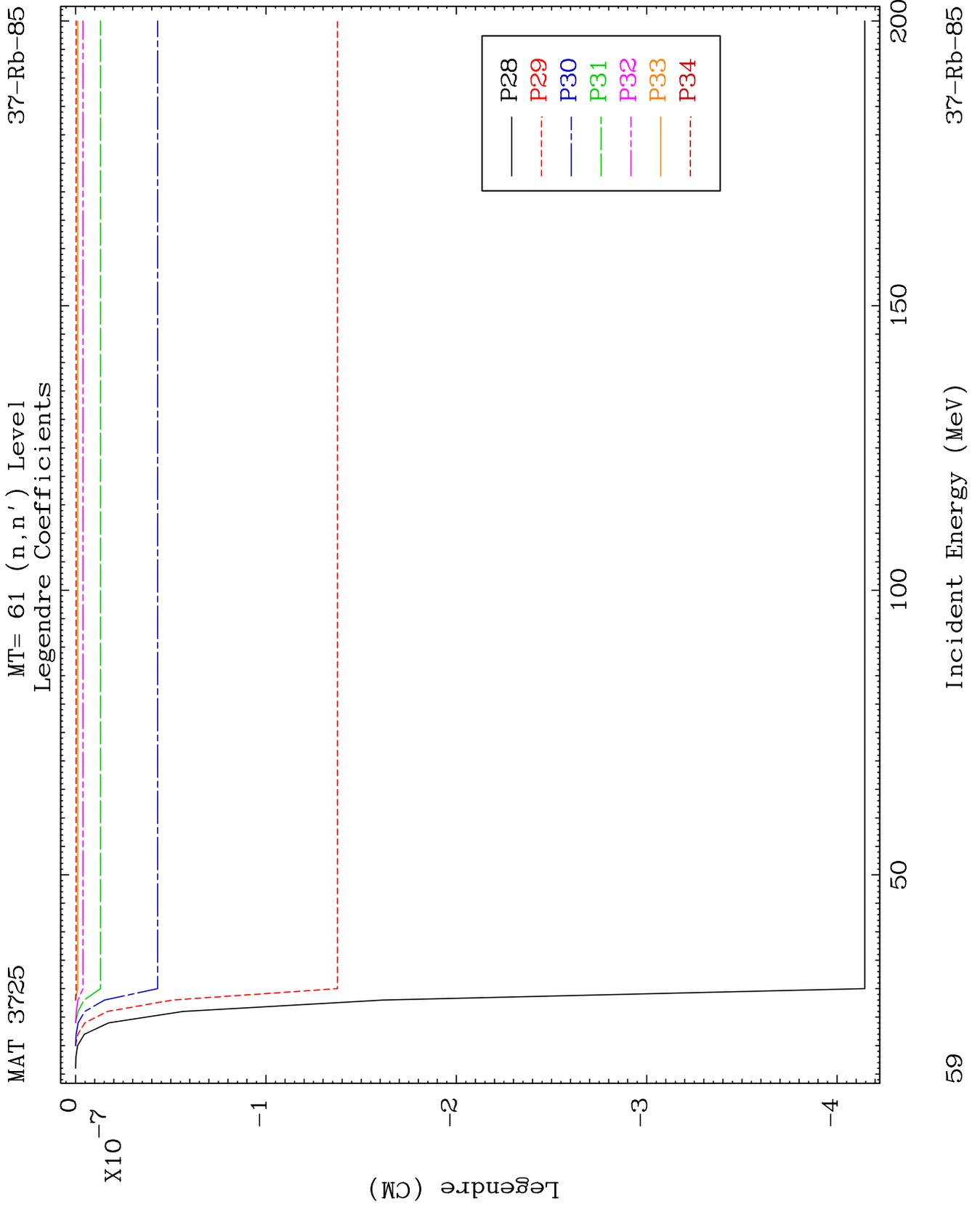


57

Incident Energy (MeV)

37-Rb-85

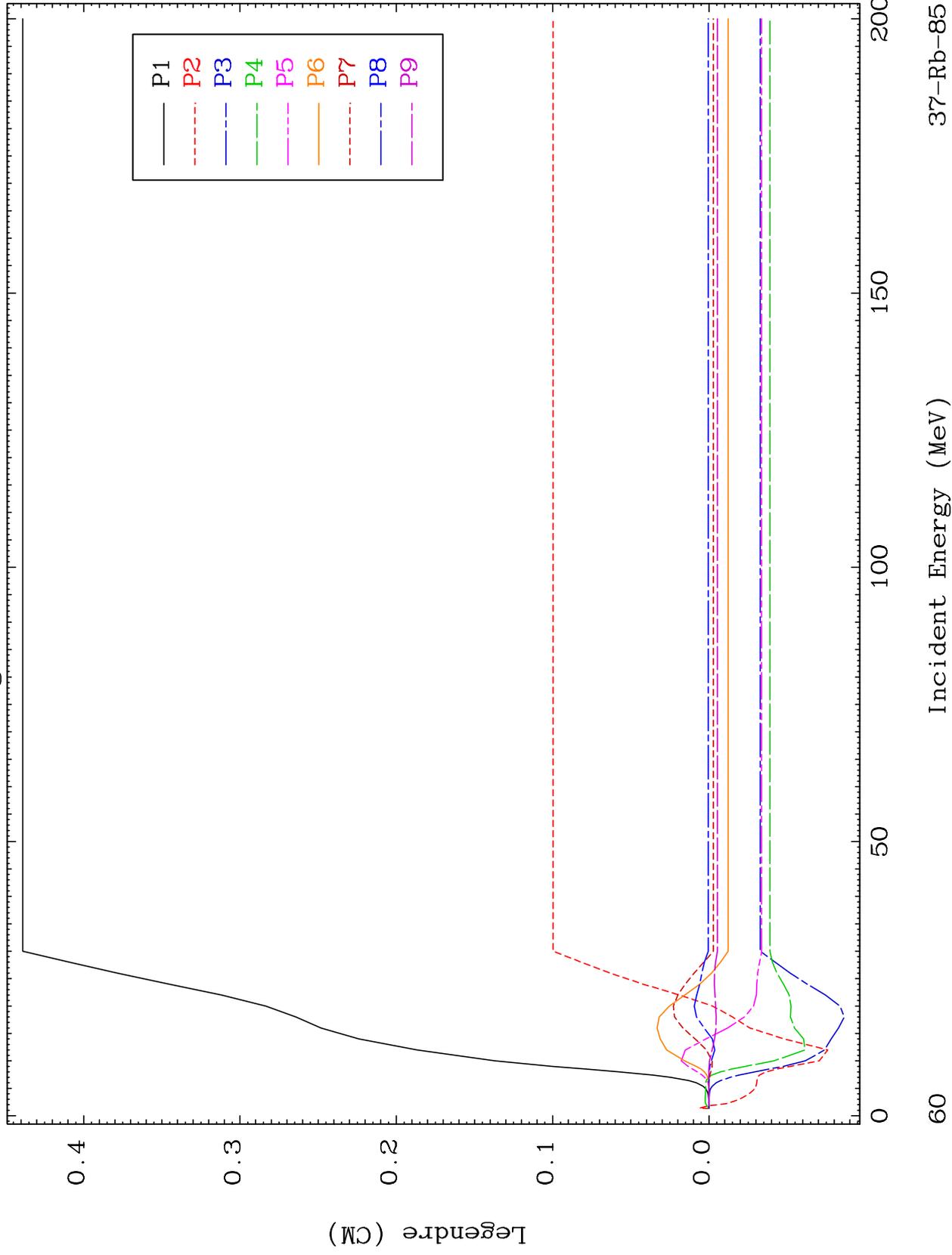




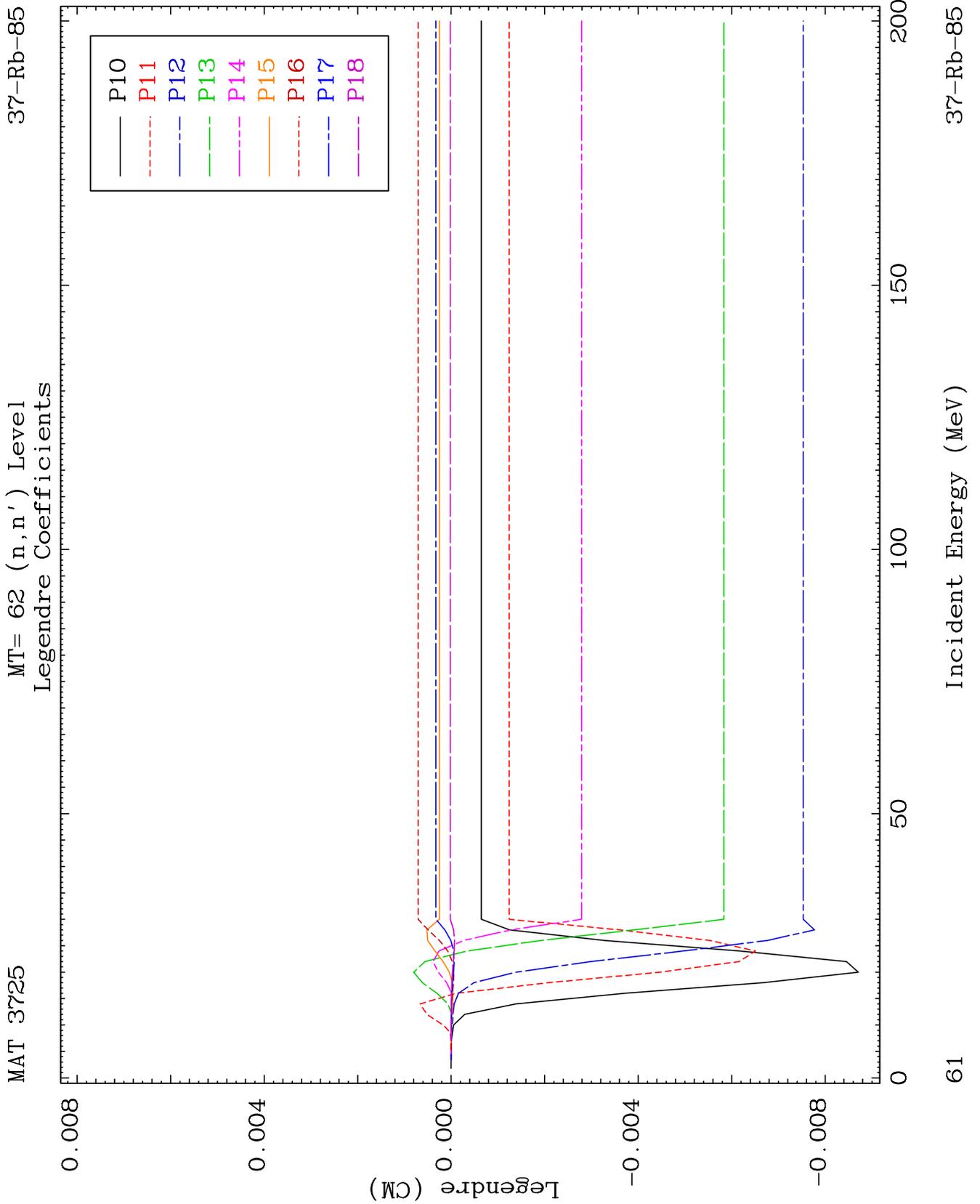
MAT 3725

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

37-Rb-85



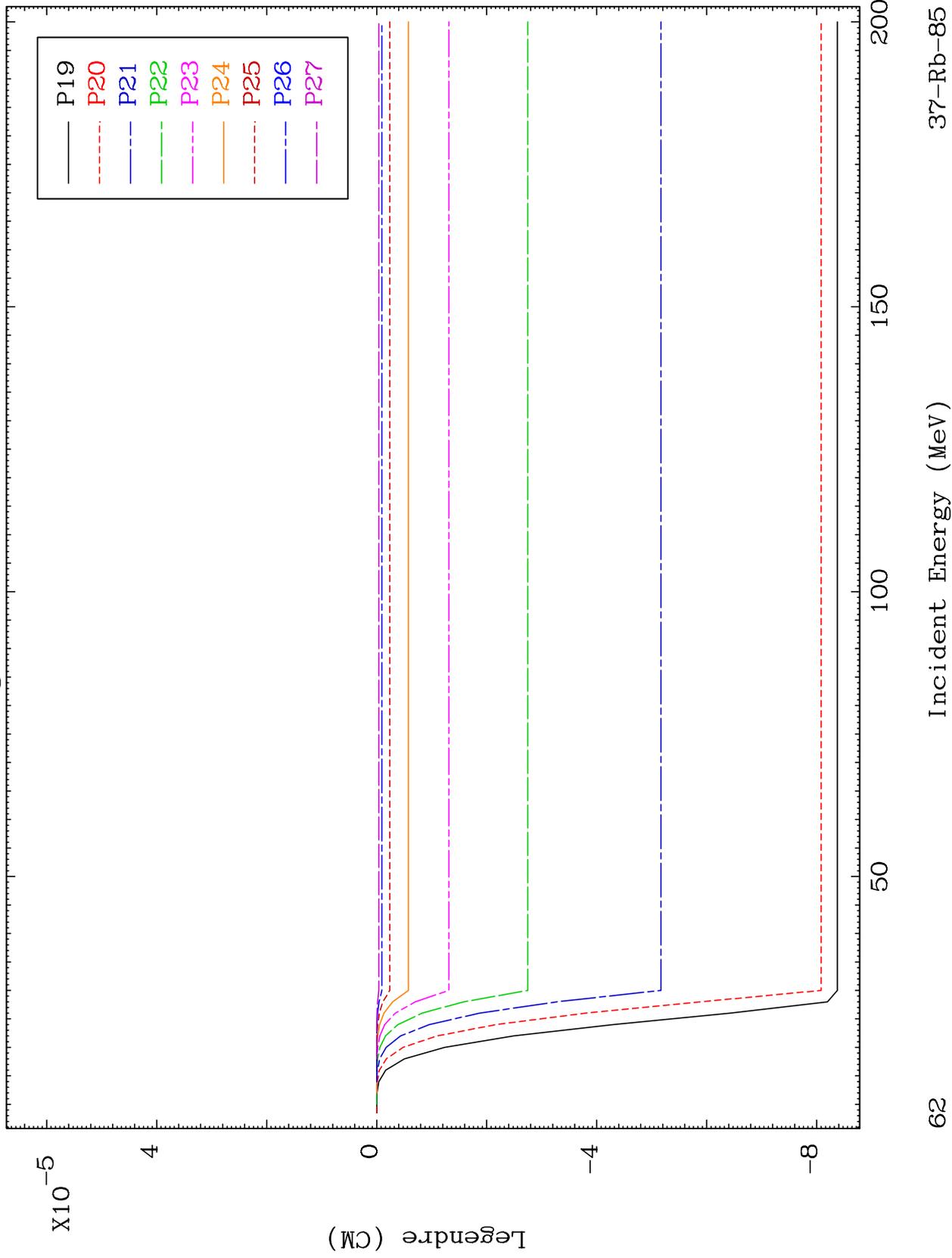
37-Rb-85



MAT 3725

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

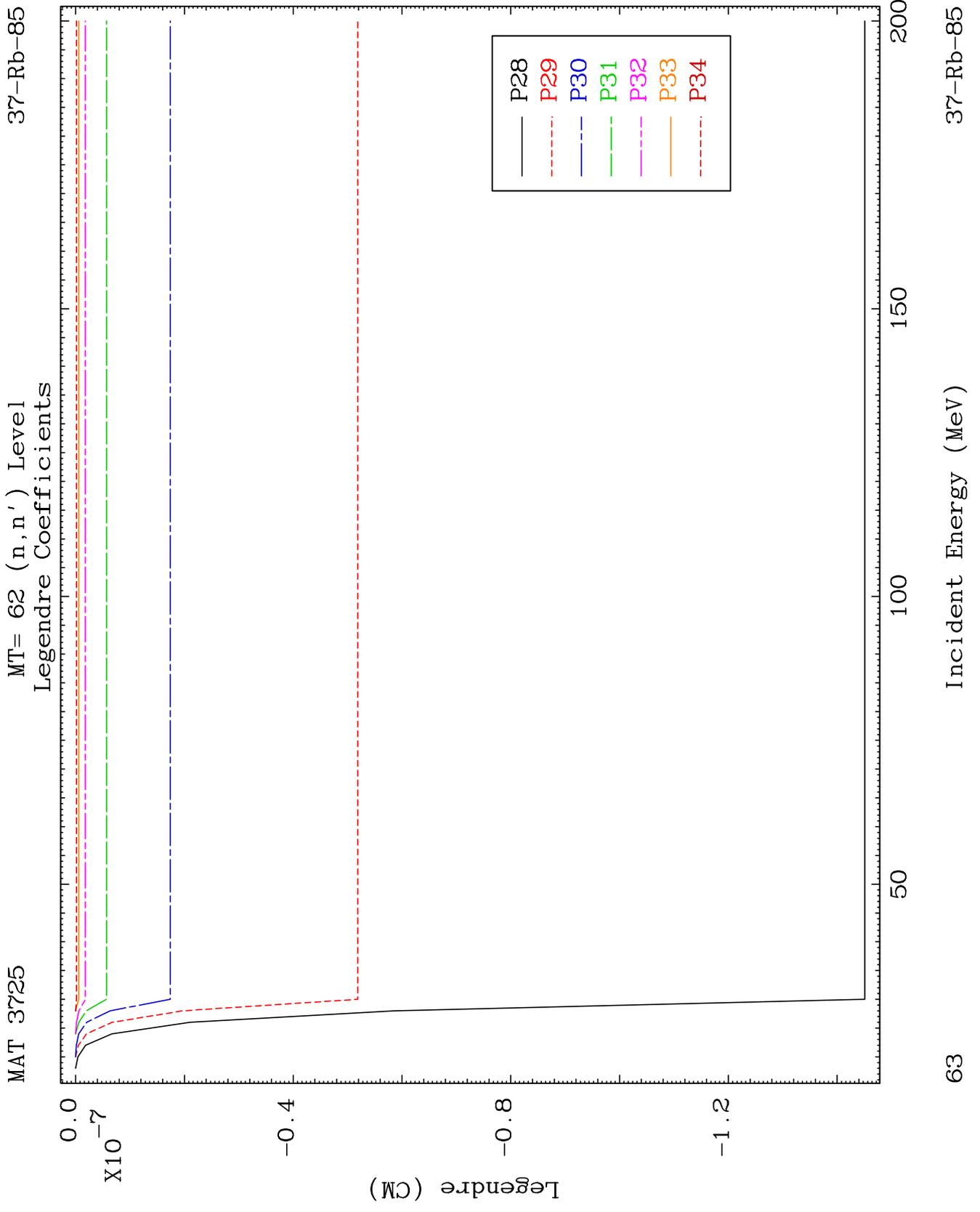
37-Rb-85



62

Incident Energy (MeV)

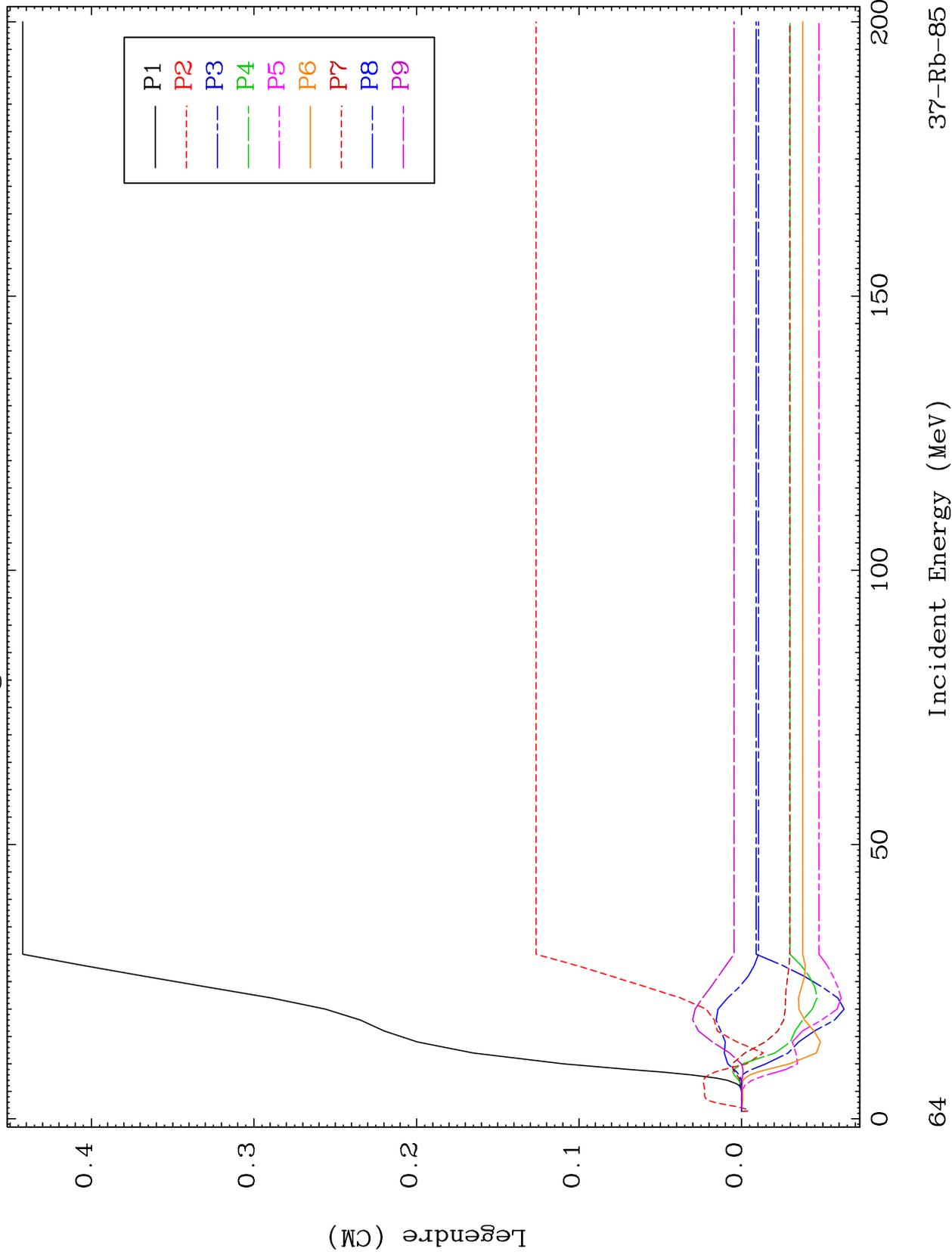
37-Rb-85



MAT 3725

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

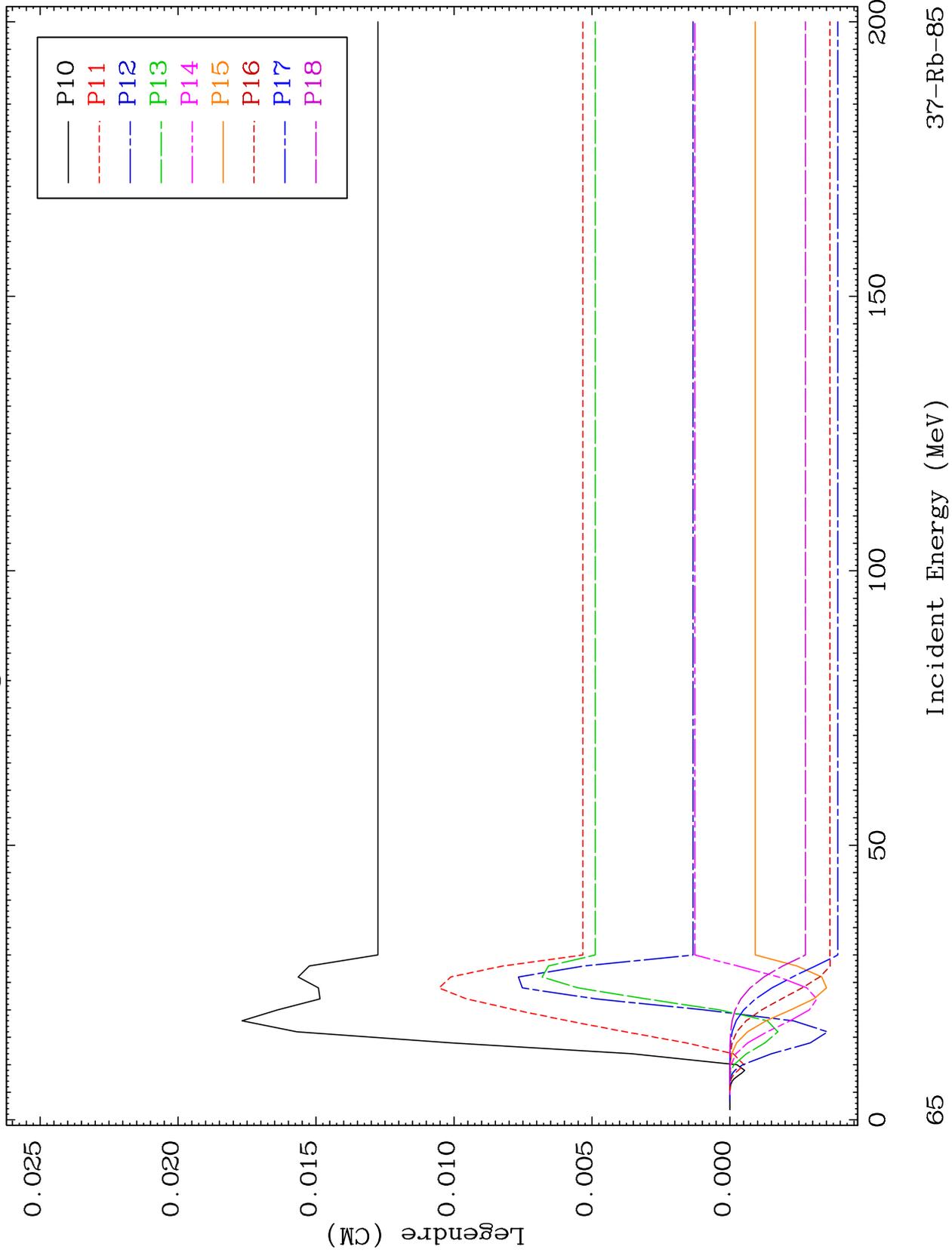
37-Rb-85



MAT 3725

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

37-Rb-85

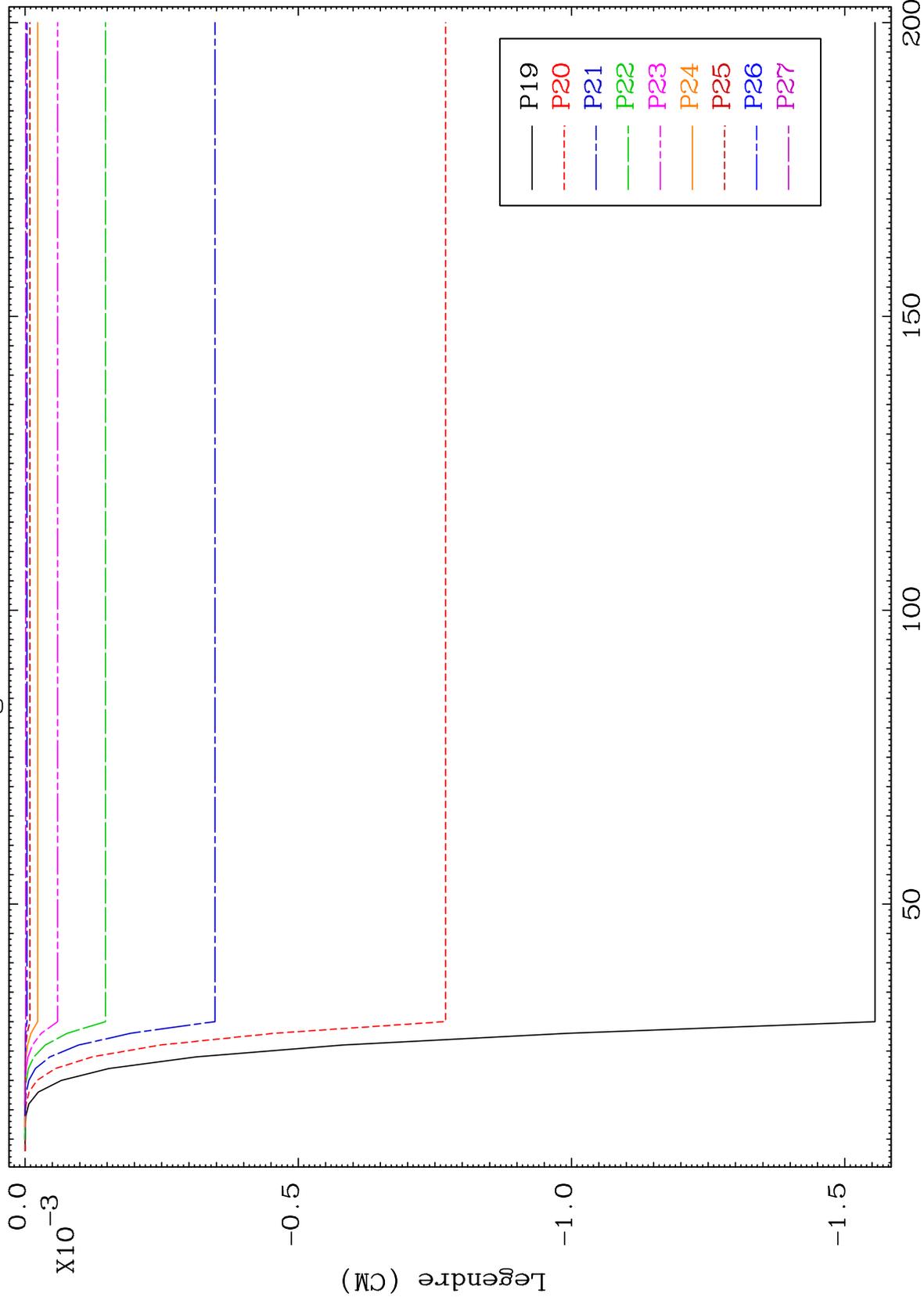


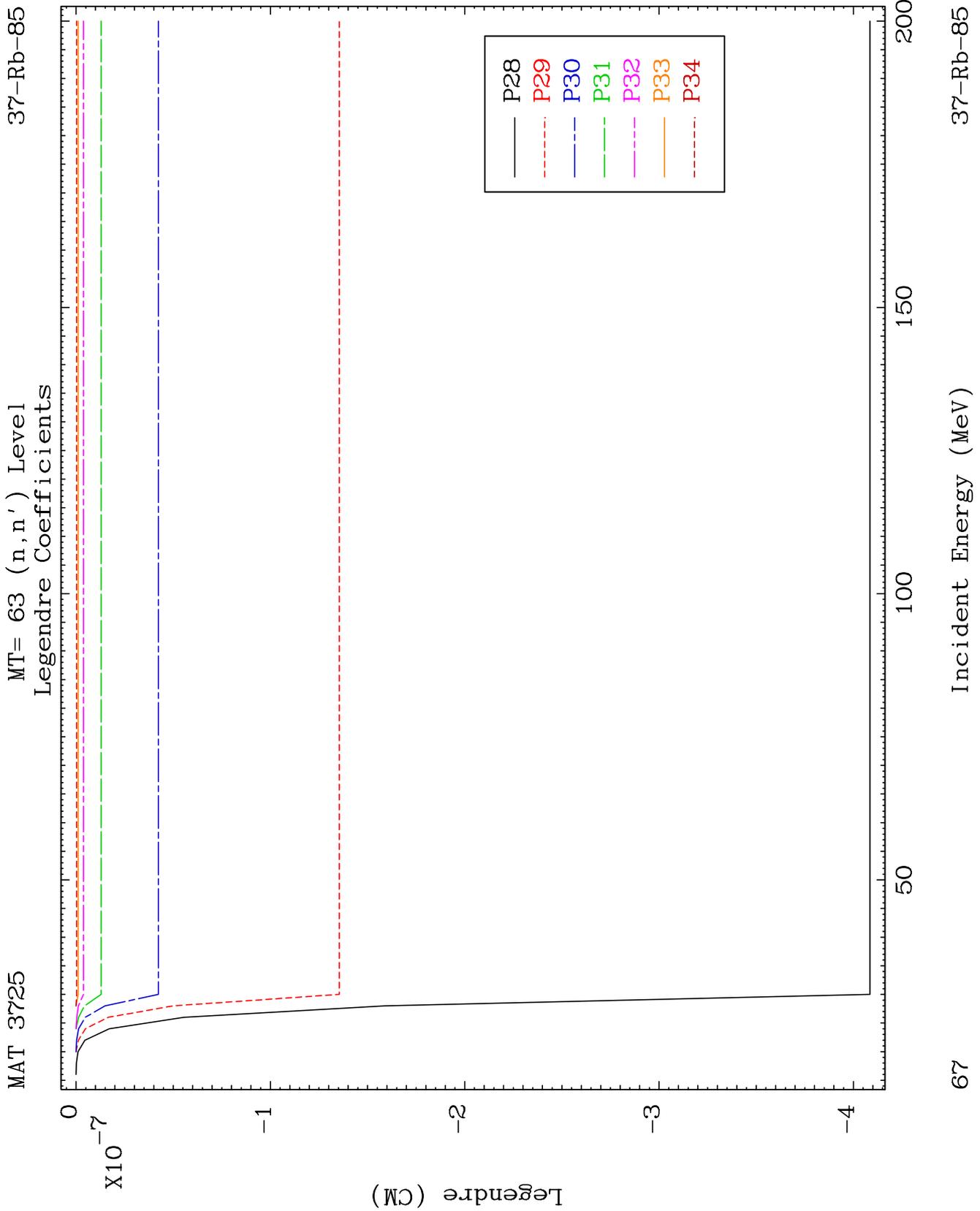
37-Rb-85

Incident Energy (MeV)

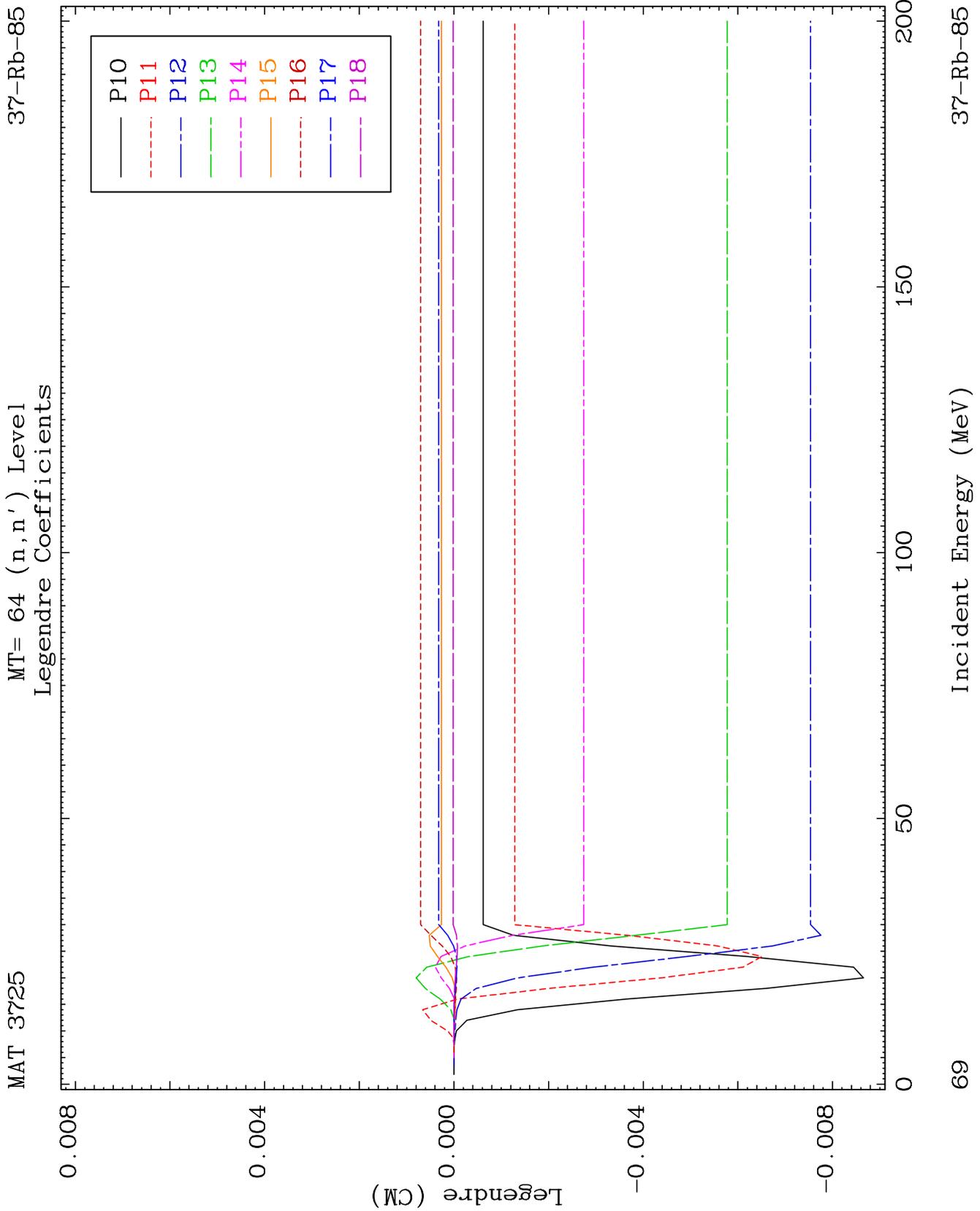
65

Legendre Coefficients





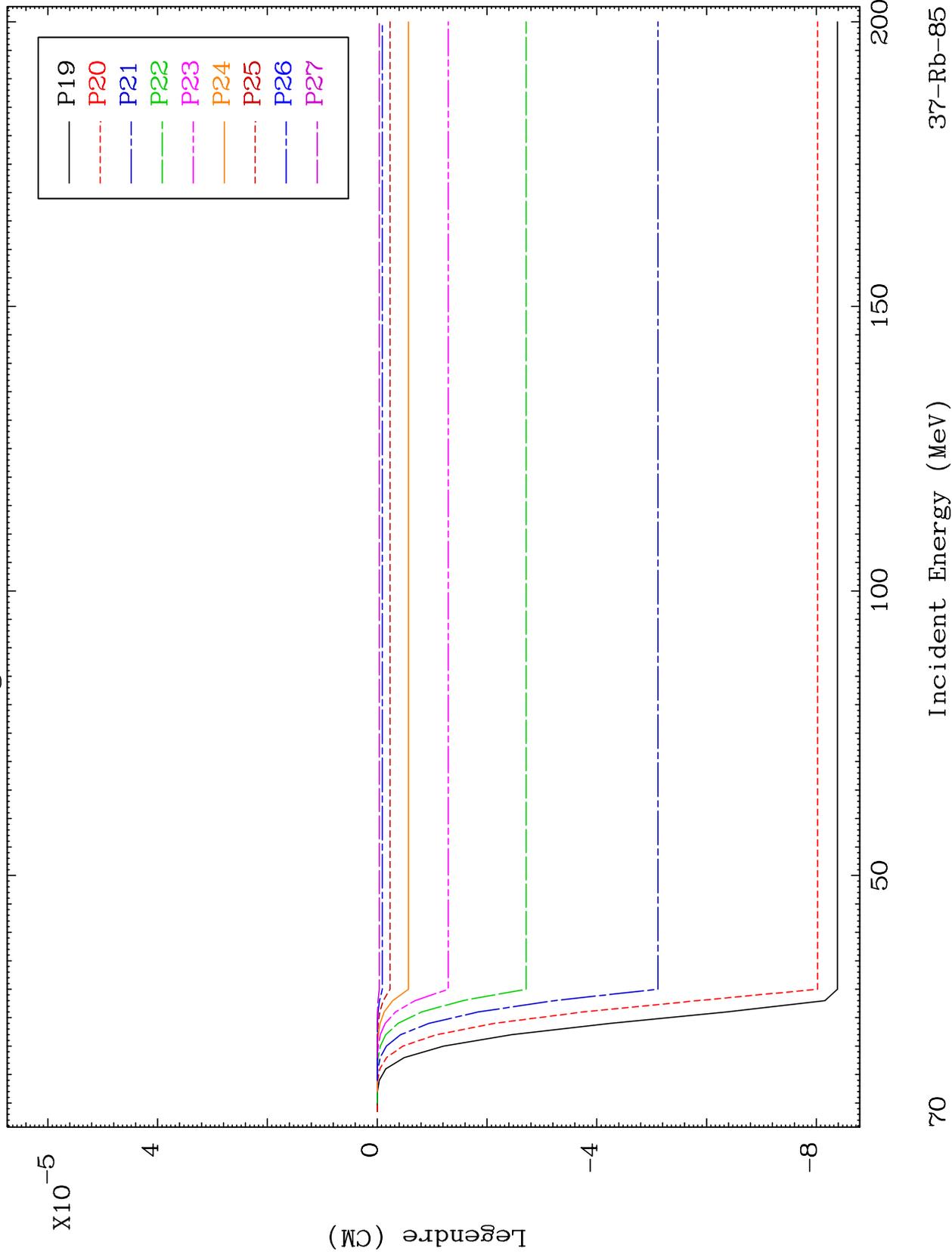




MAT 3725

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

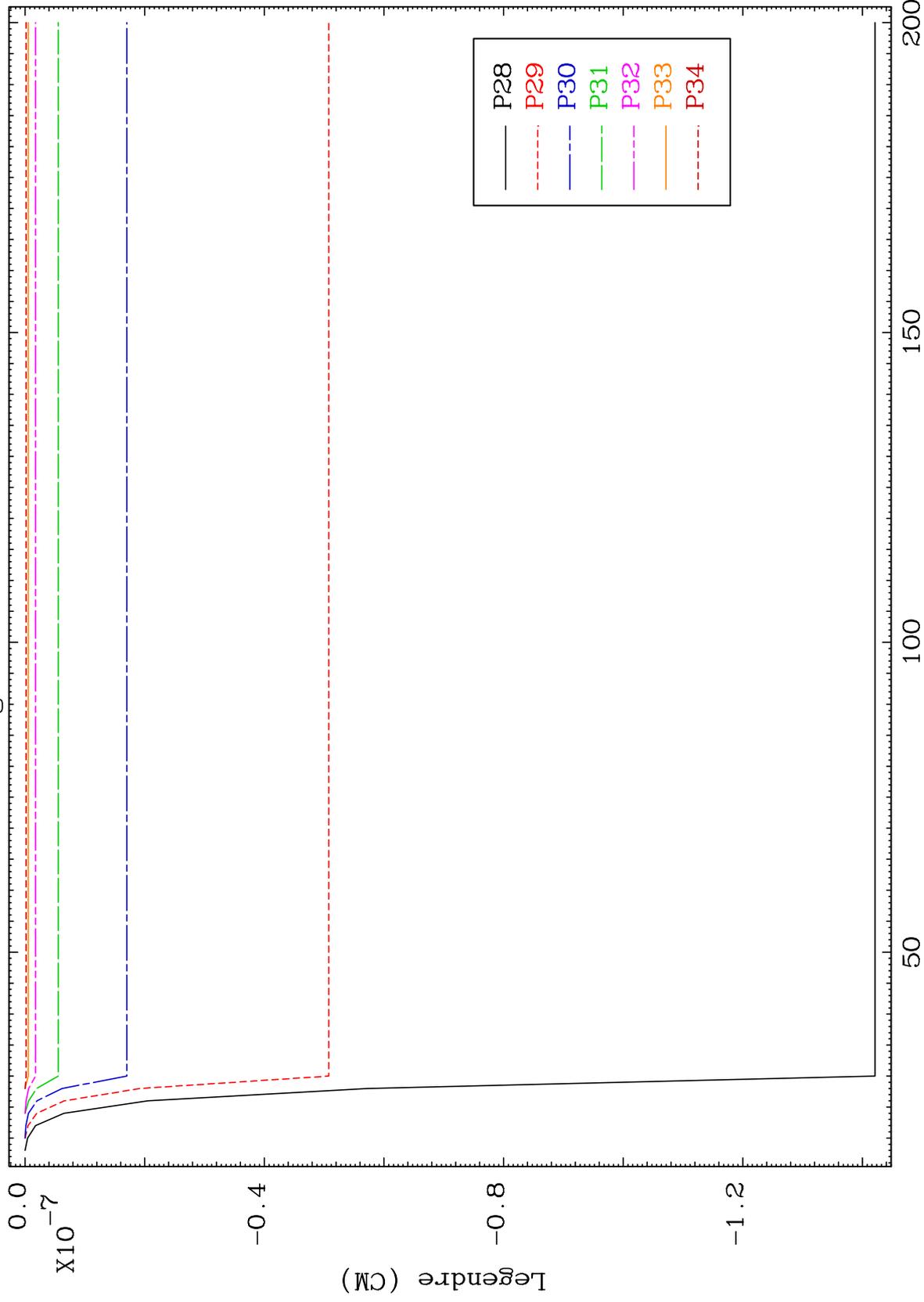
37-Rb-85



MAT 3725

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

37-Rb-85



71

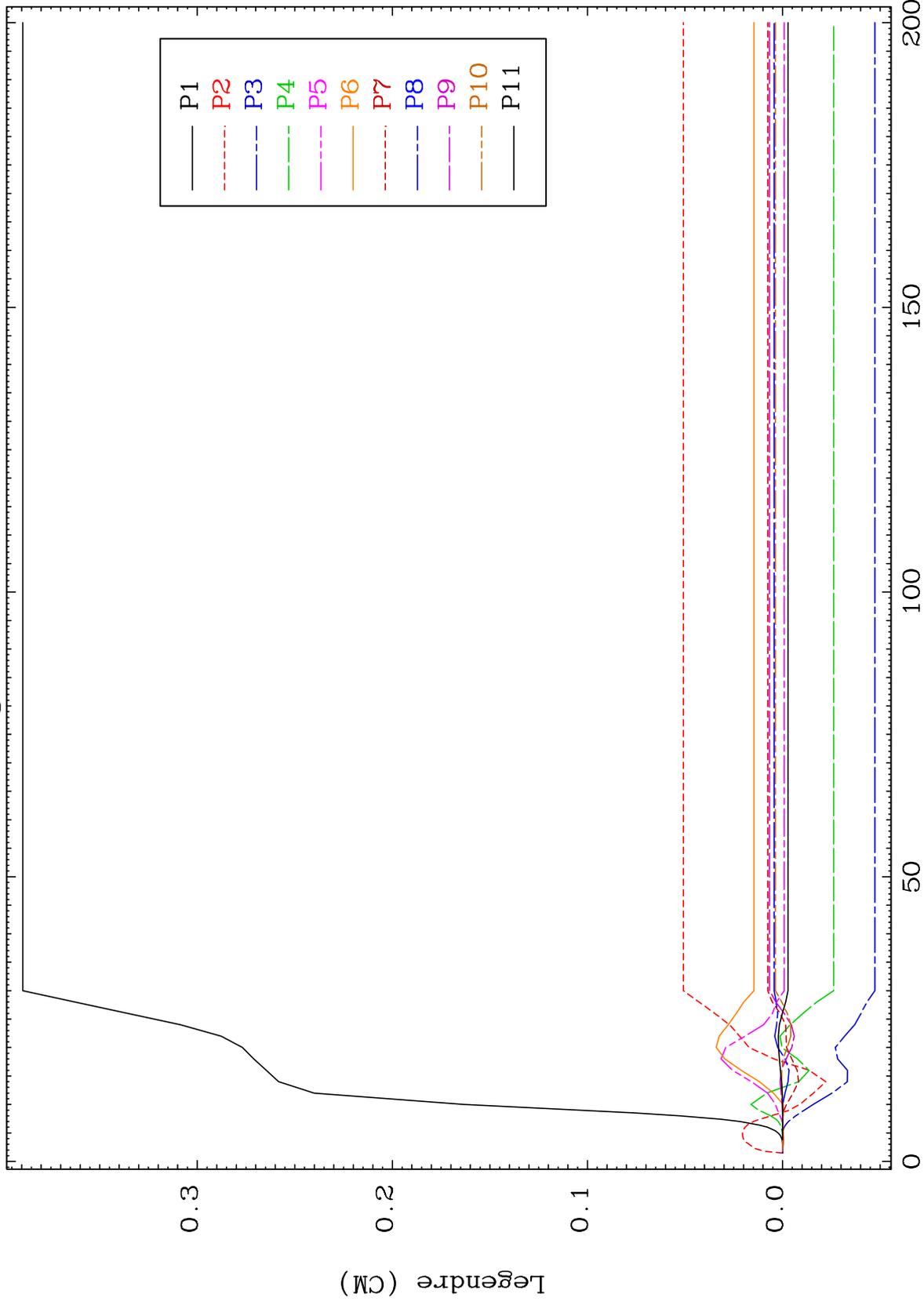
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



72

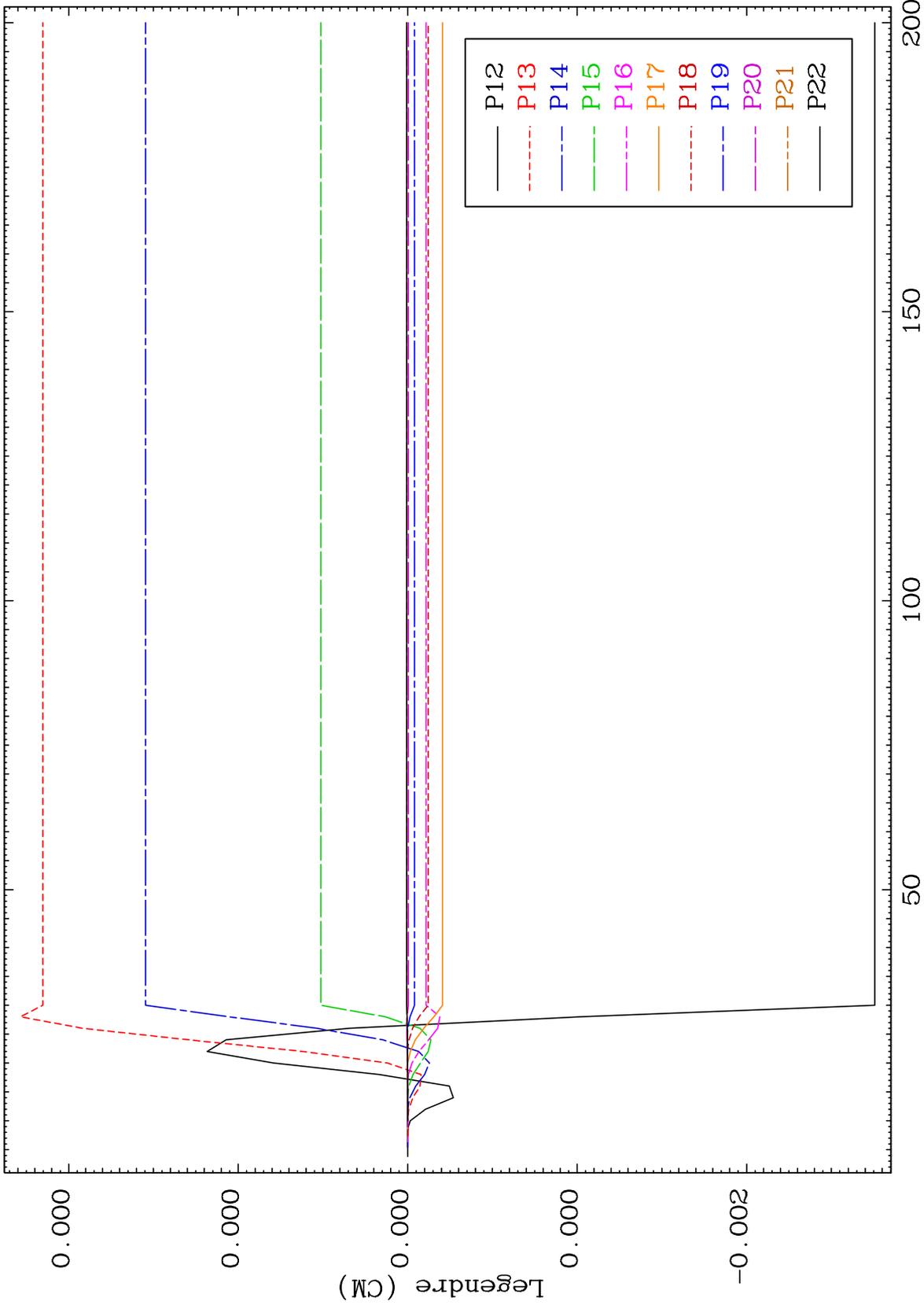
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



73

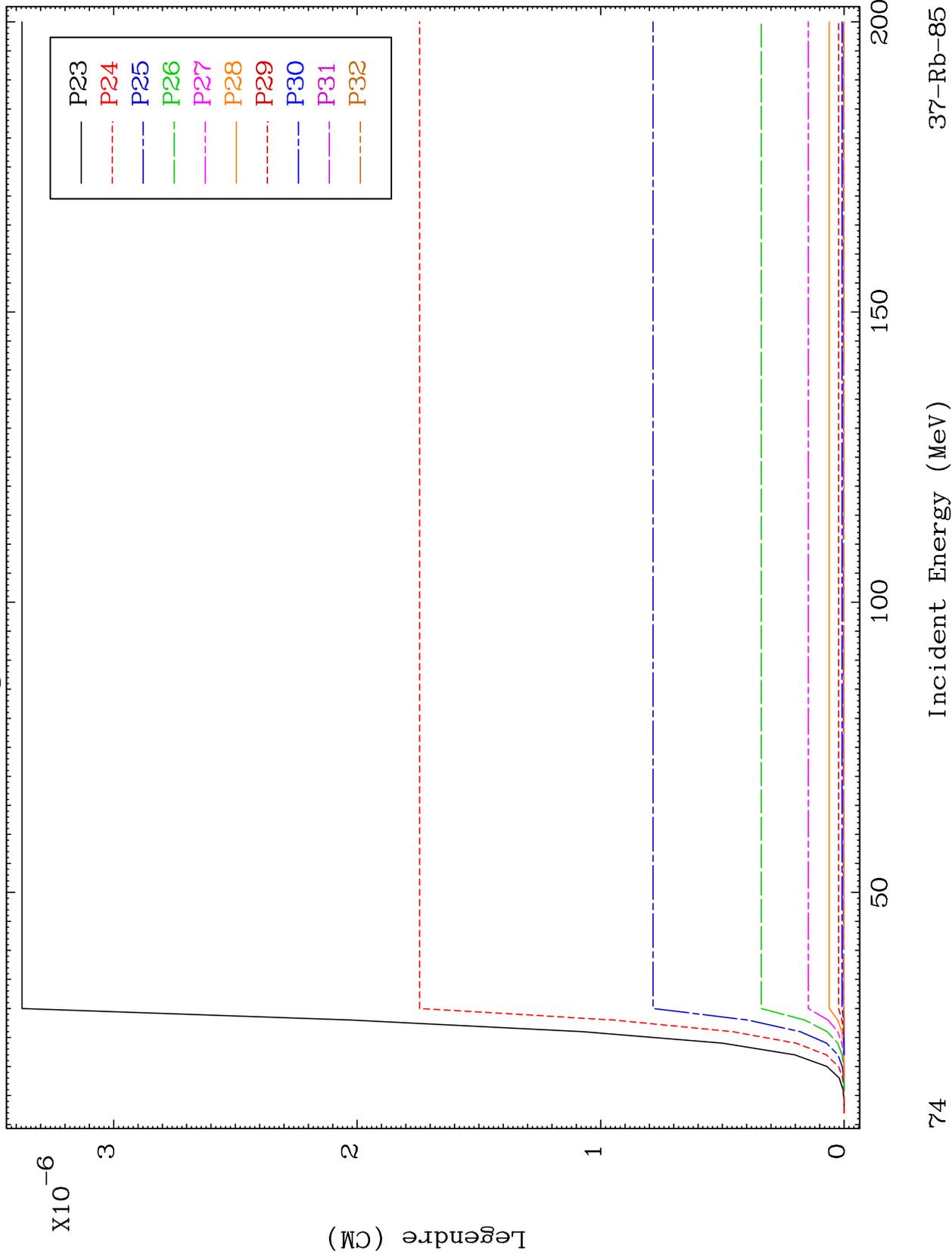
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

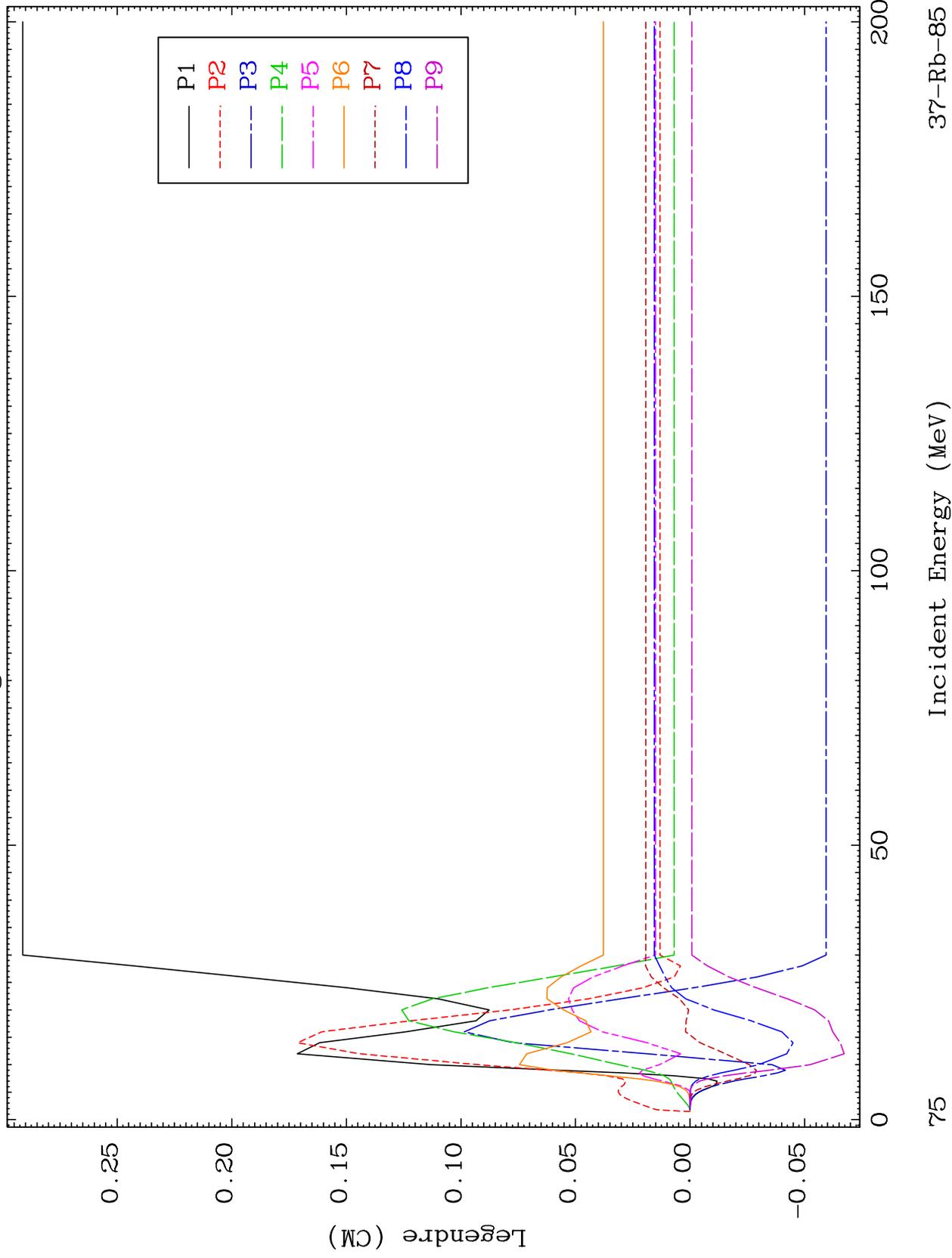
37-Rb-85



MAT 3725

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

37-Rb-85



37-Rb-85

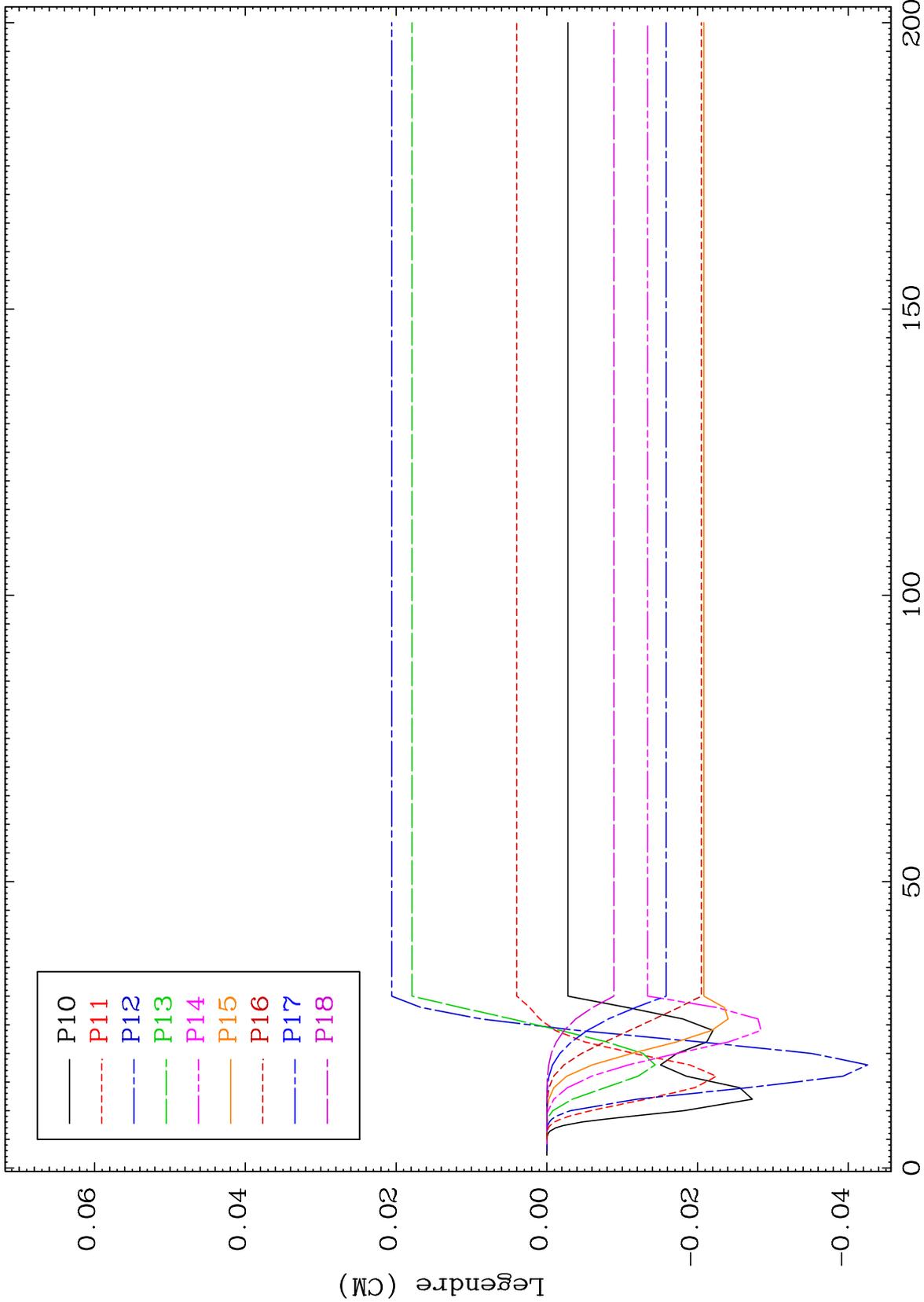
Incident Energy (MeV)

75

MAT 3725

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

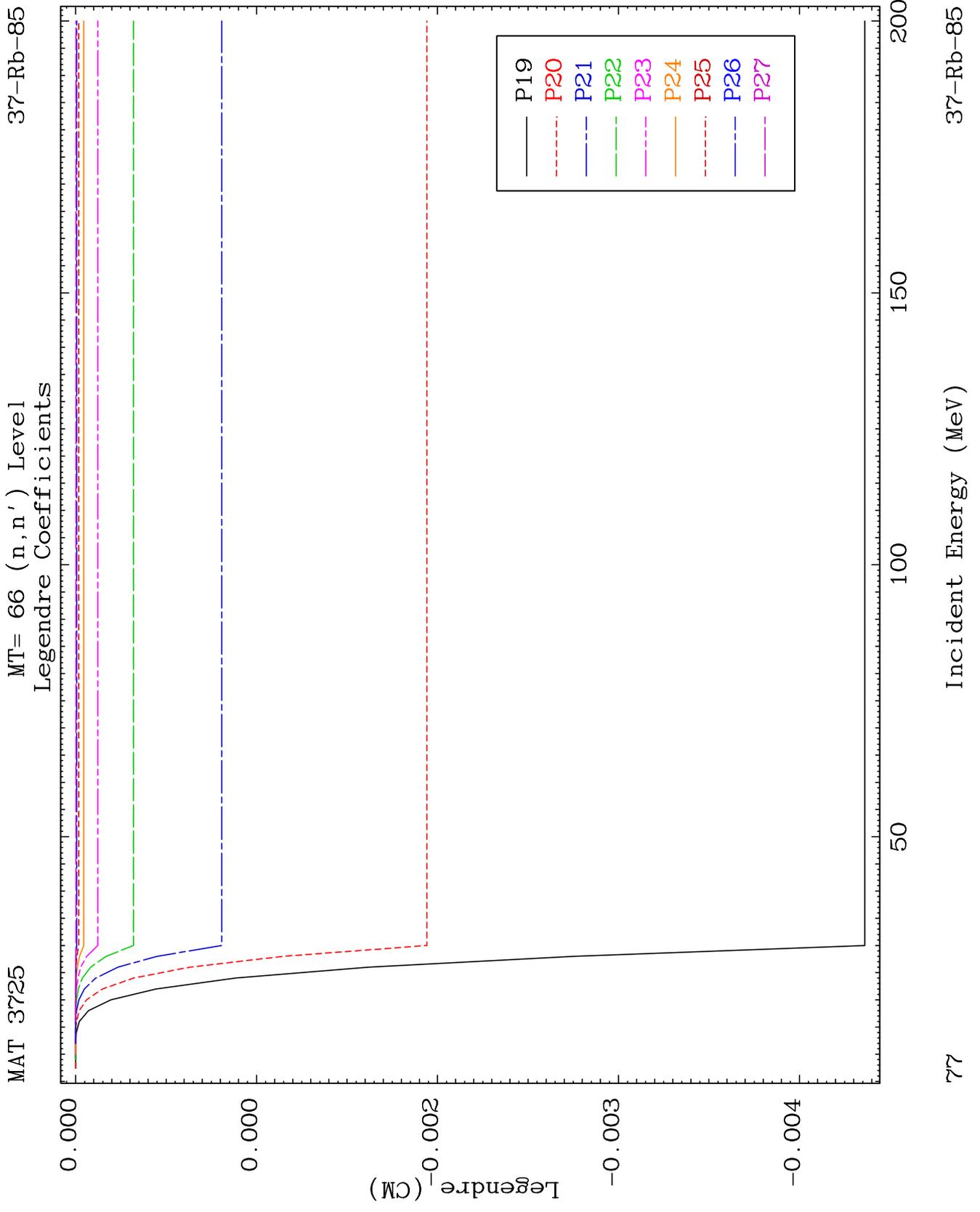
37-Rb-85

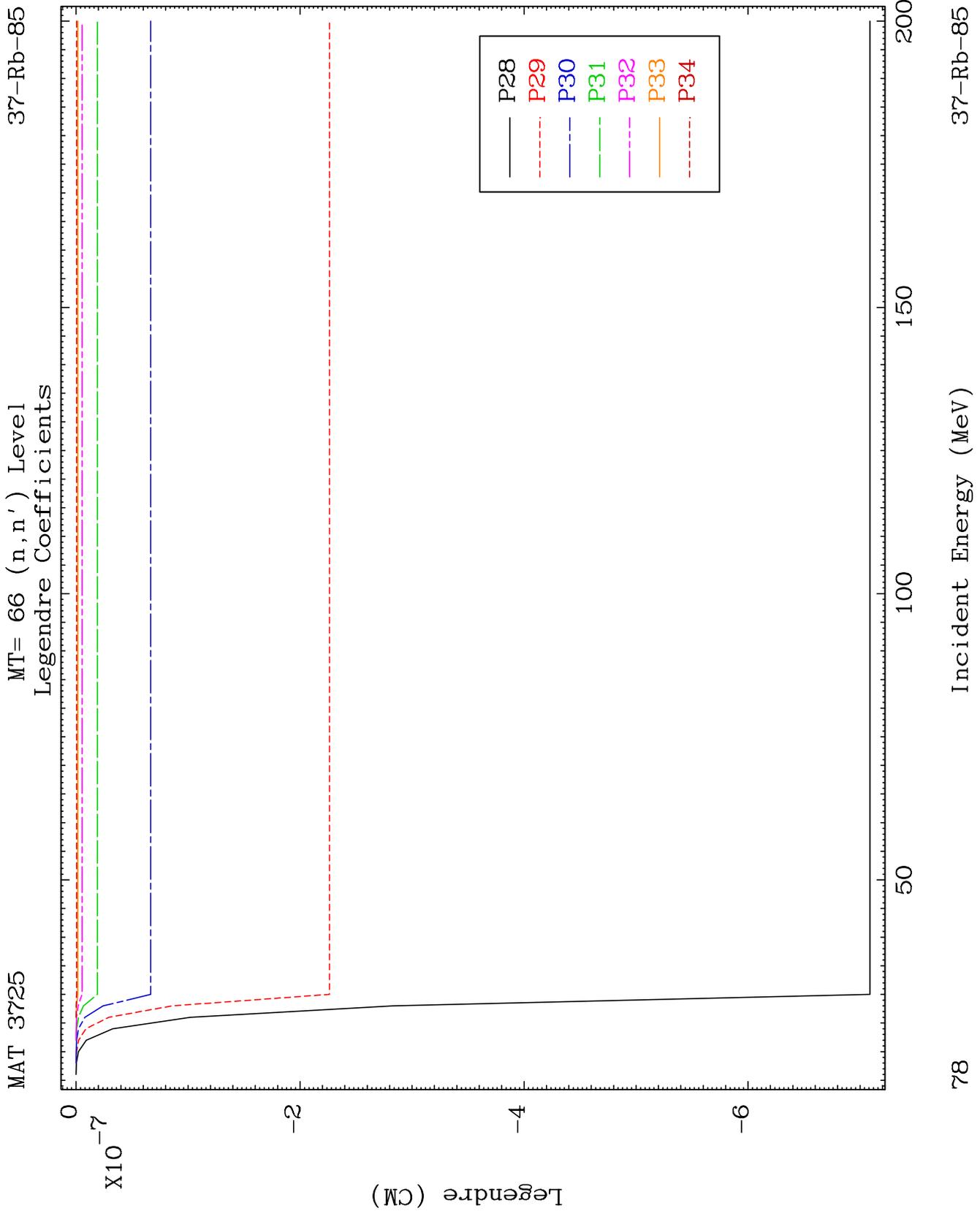


76

Incident Energy (MeV)

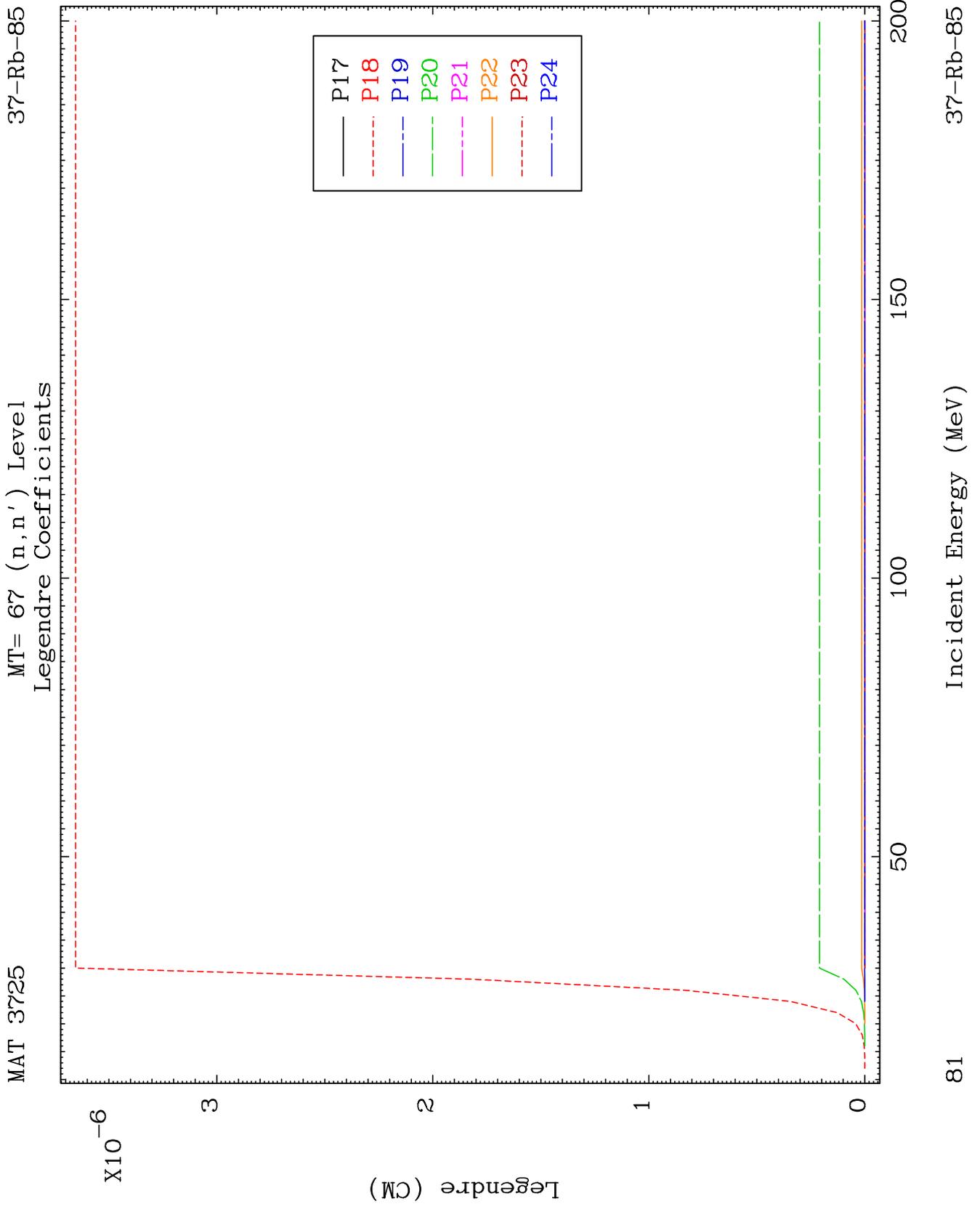
37-Rb-85







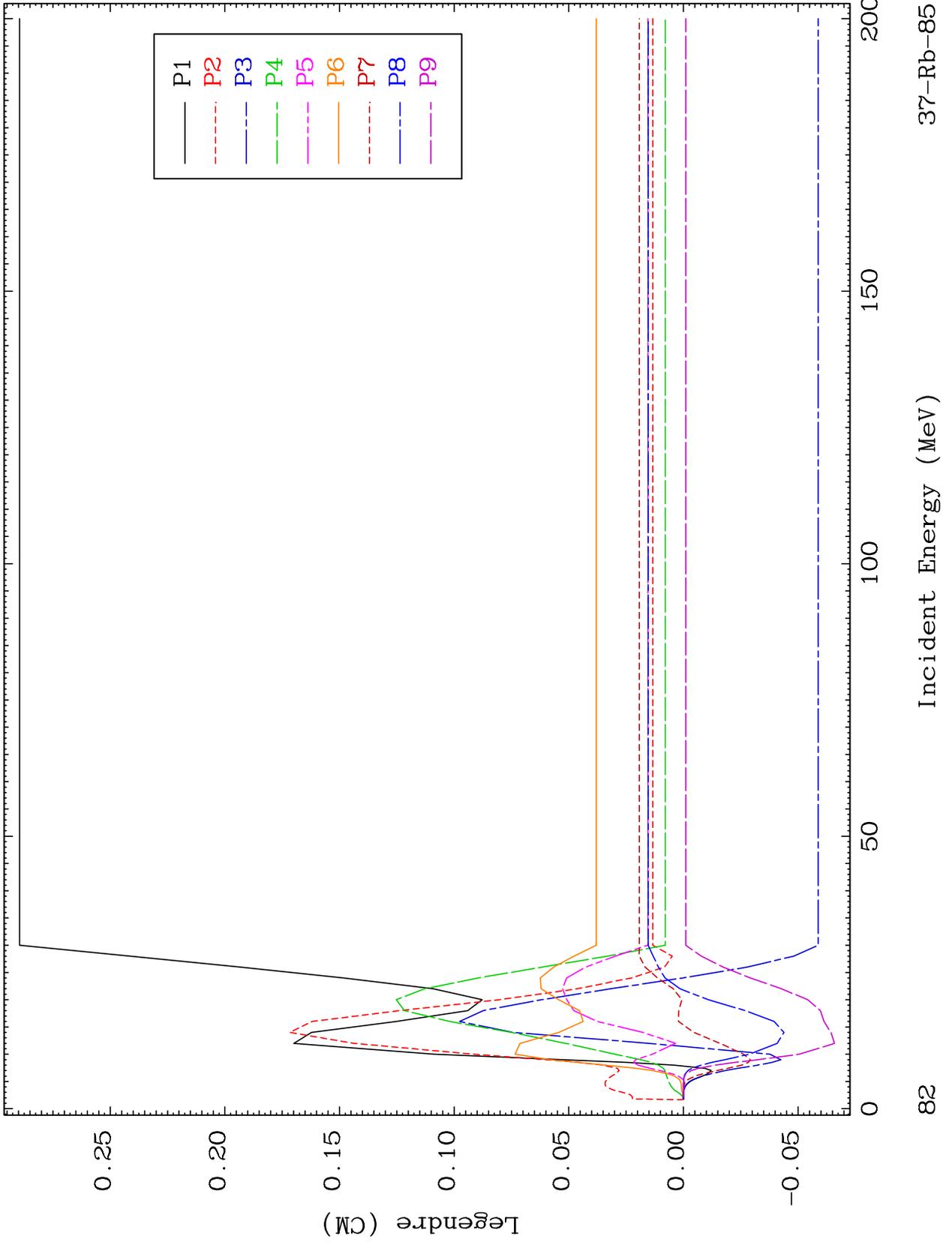




MAT 3725

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

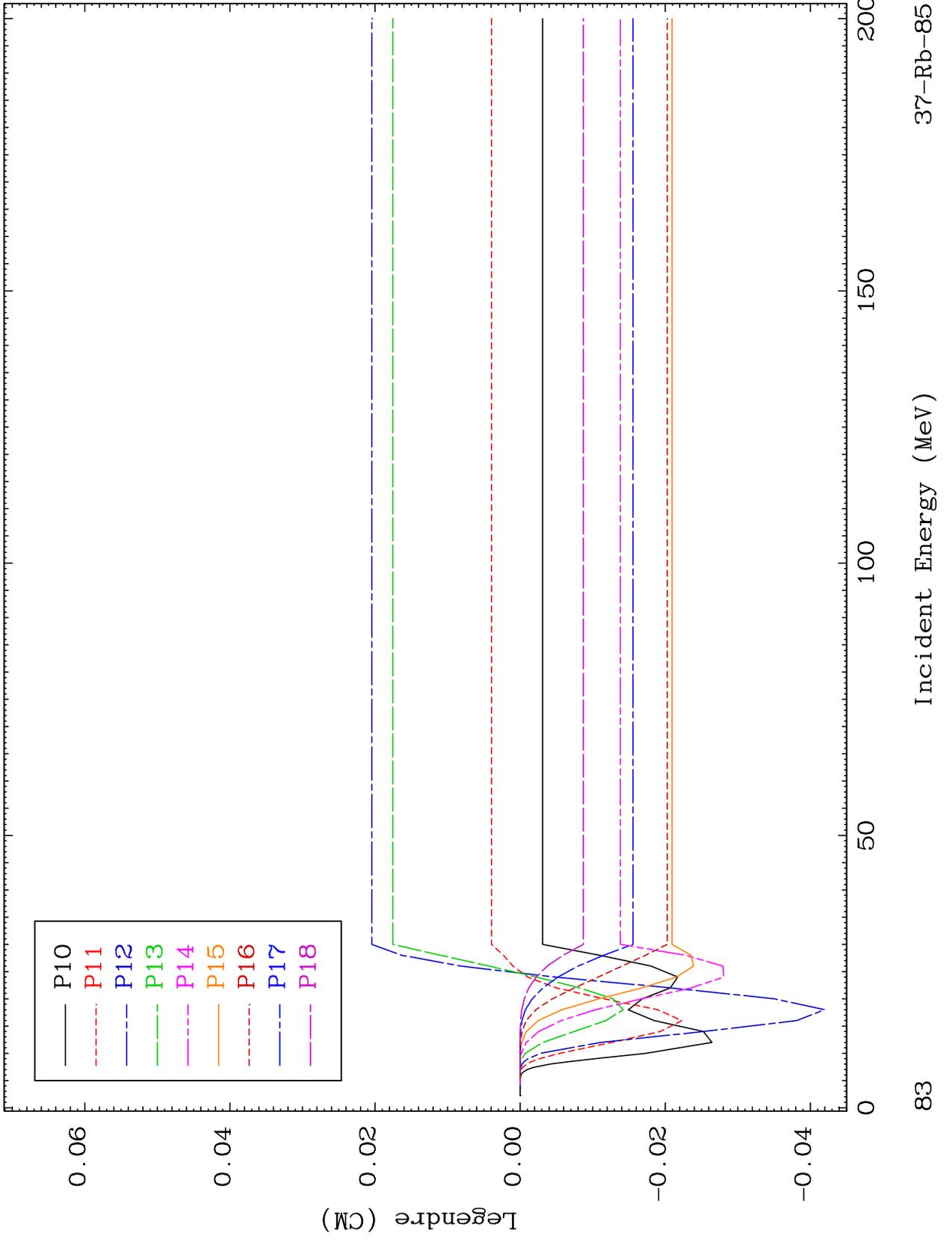
37-Rb-85



MAT 3725

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

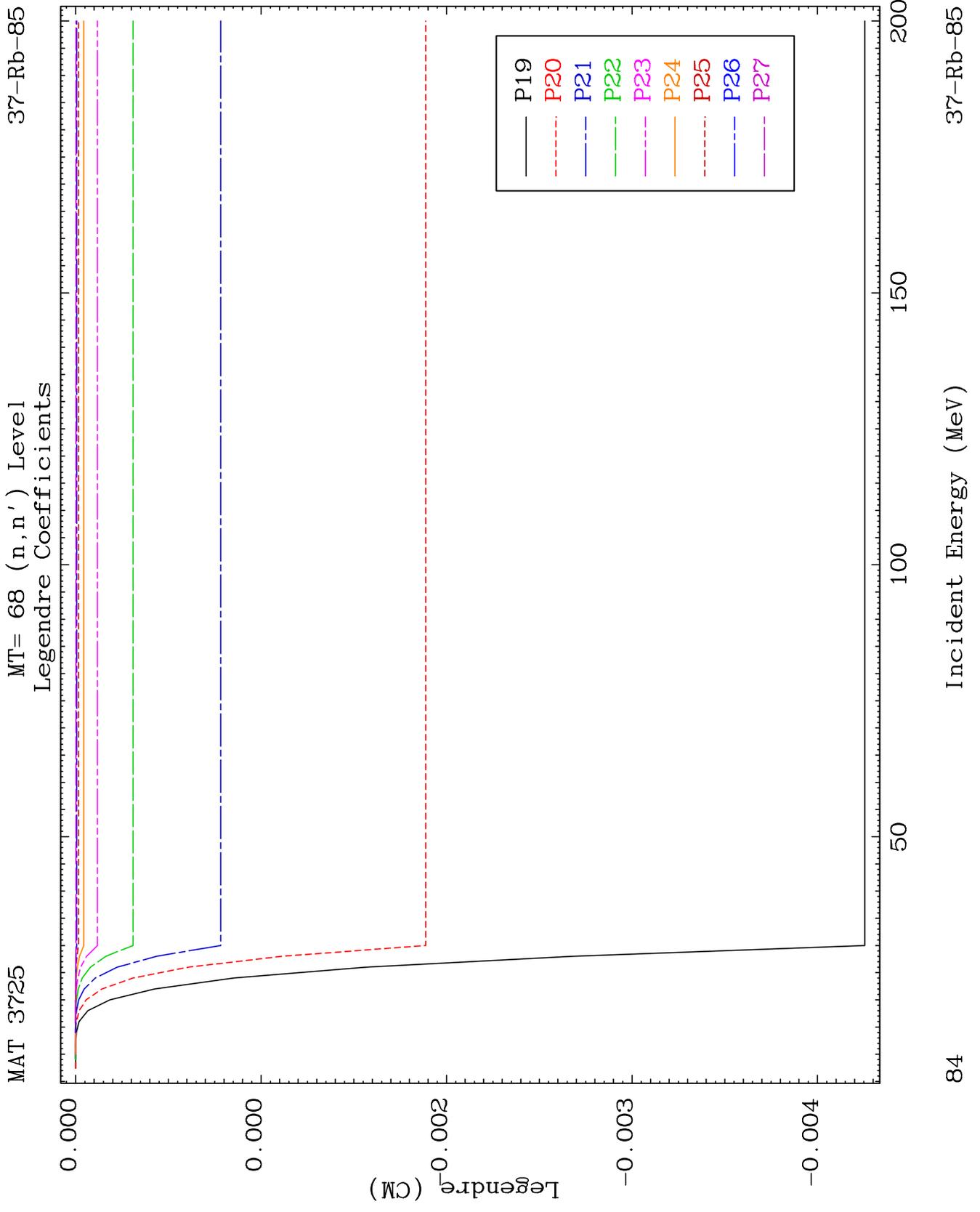
37-Rb-85

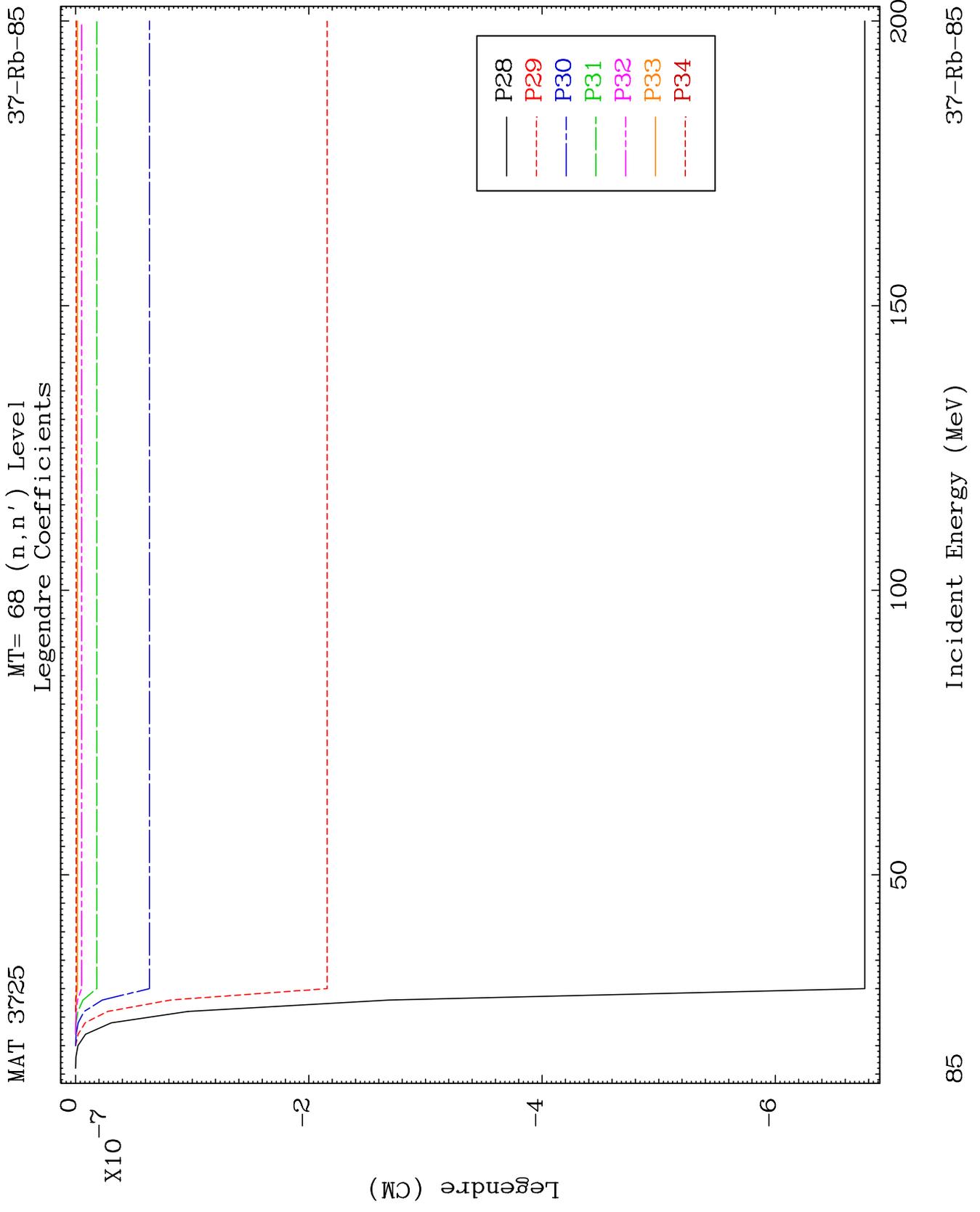


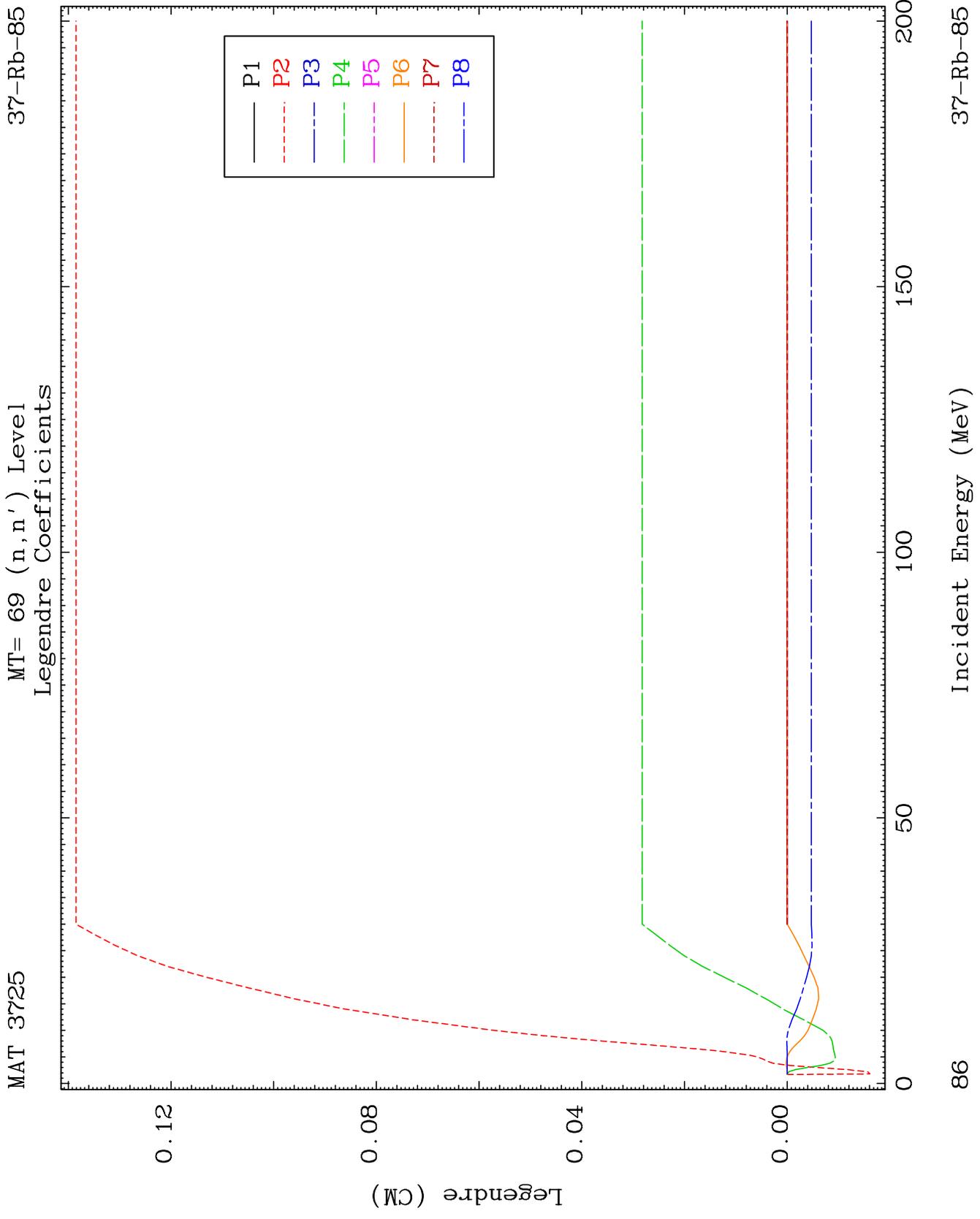
83

Incident Energy (MeV)

37-Rb-85



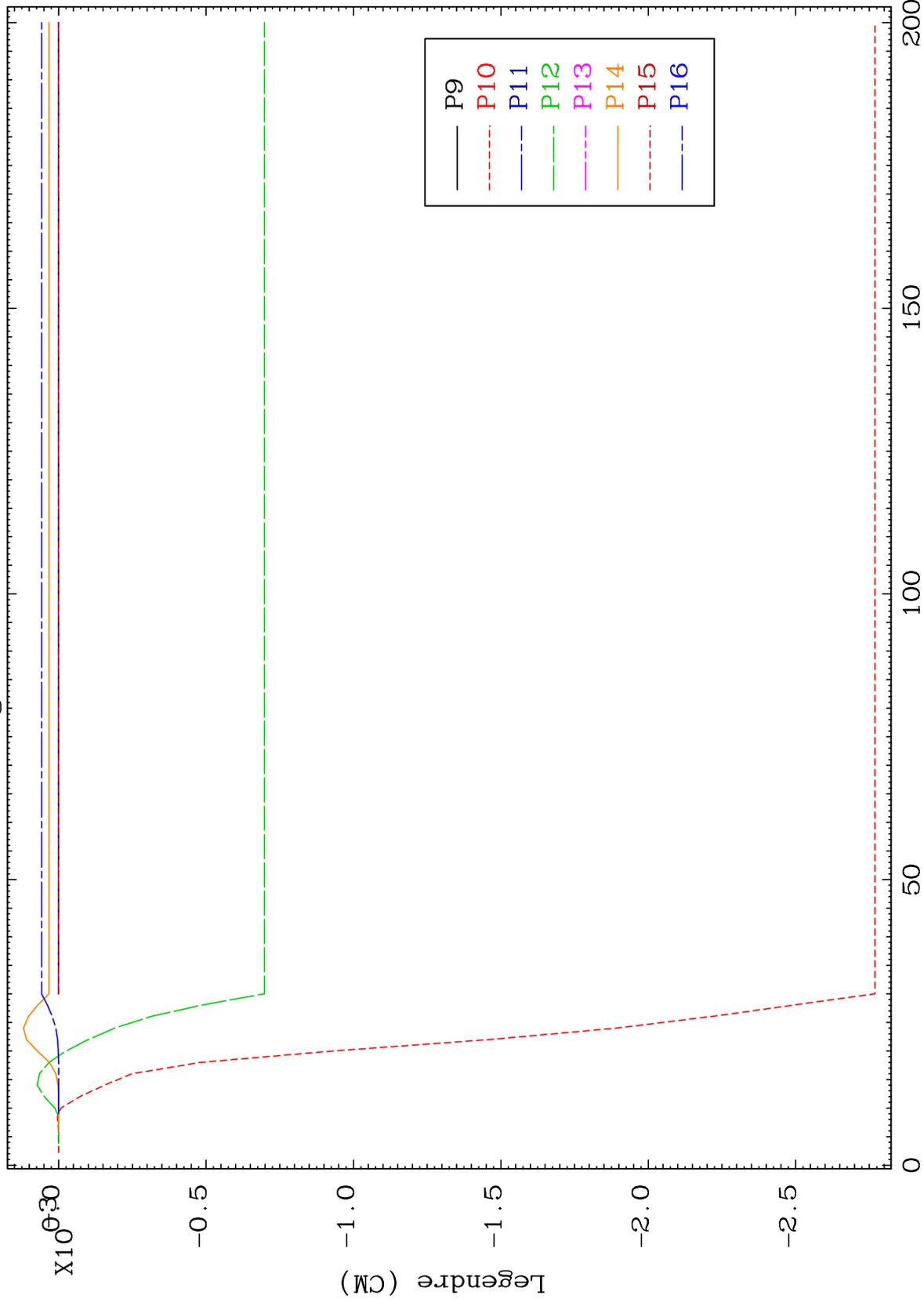




MAT 3725

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

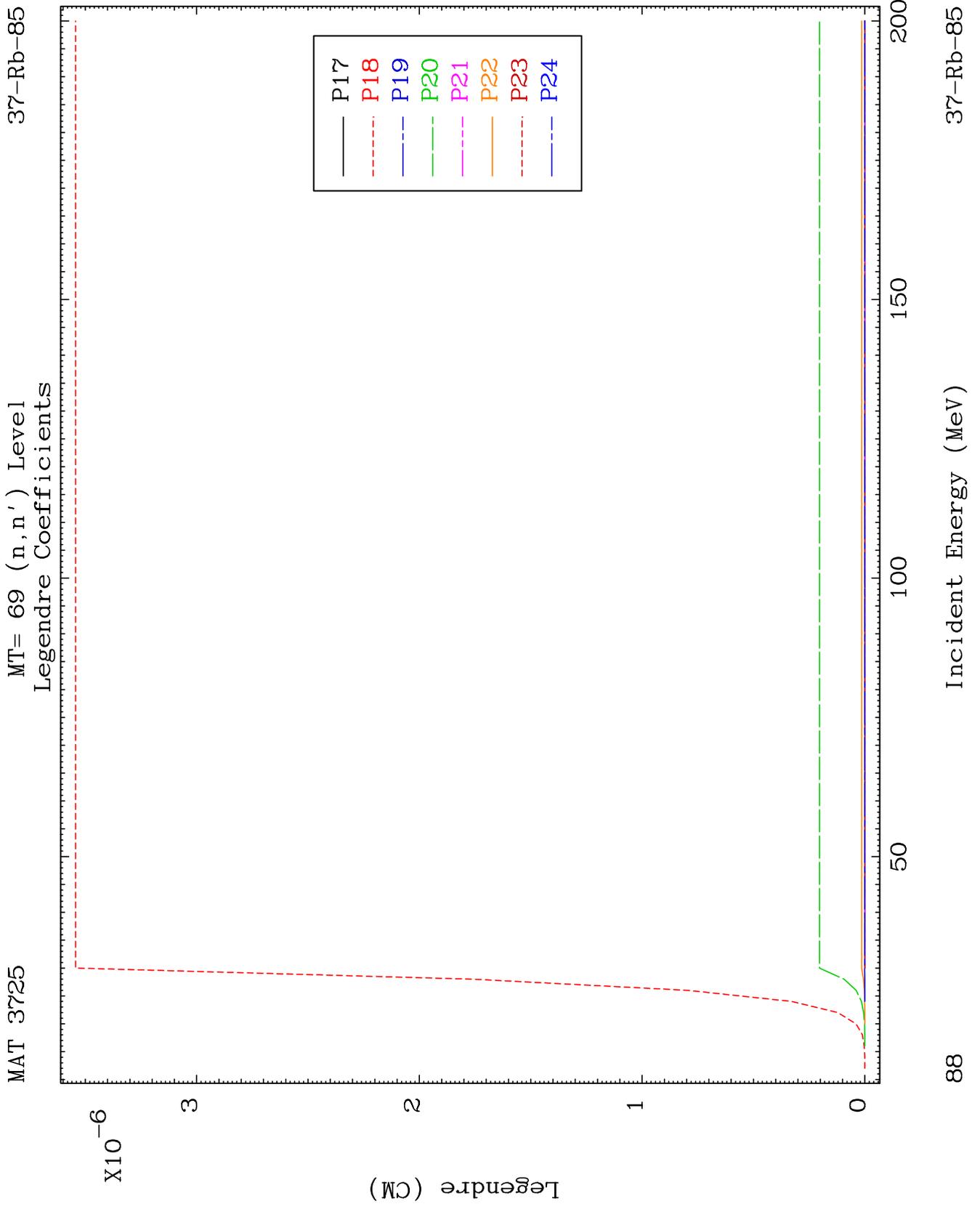
37-Rb-85



87

Incident Energy (MeV)

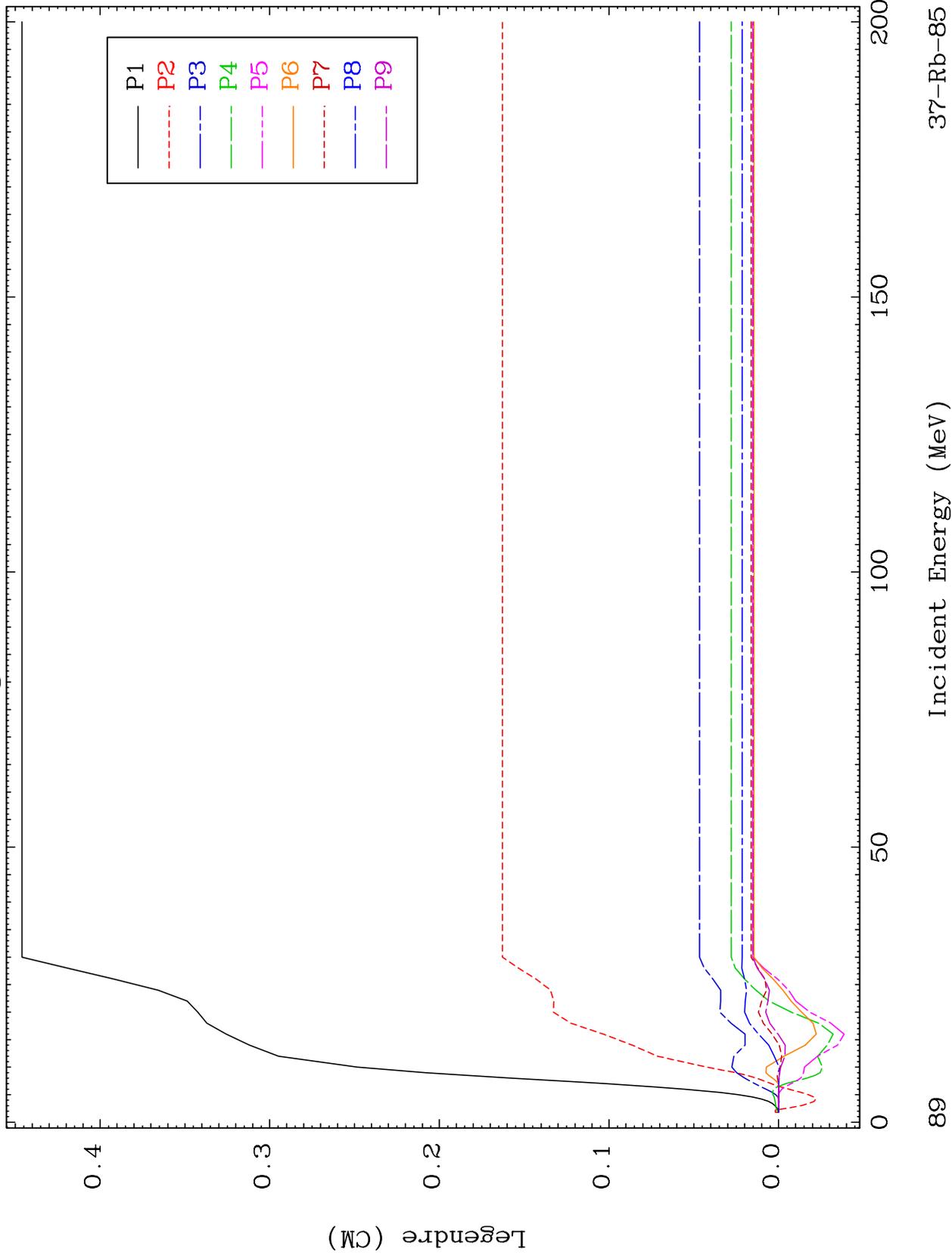
37-Rb-85



MAT 3725

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

37-Rb-85

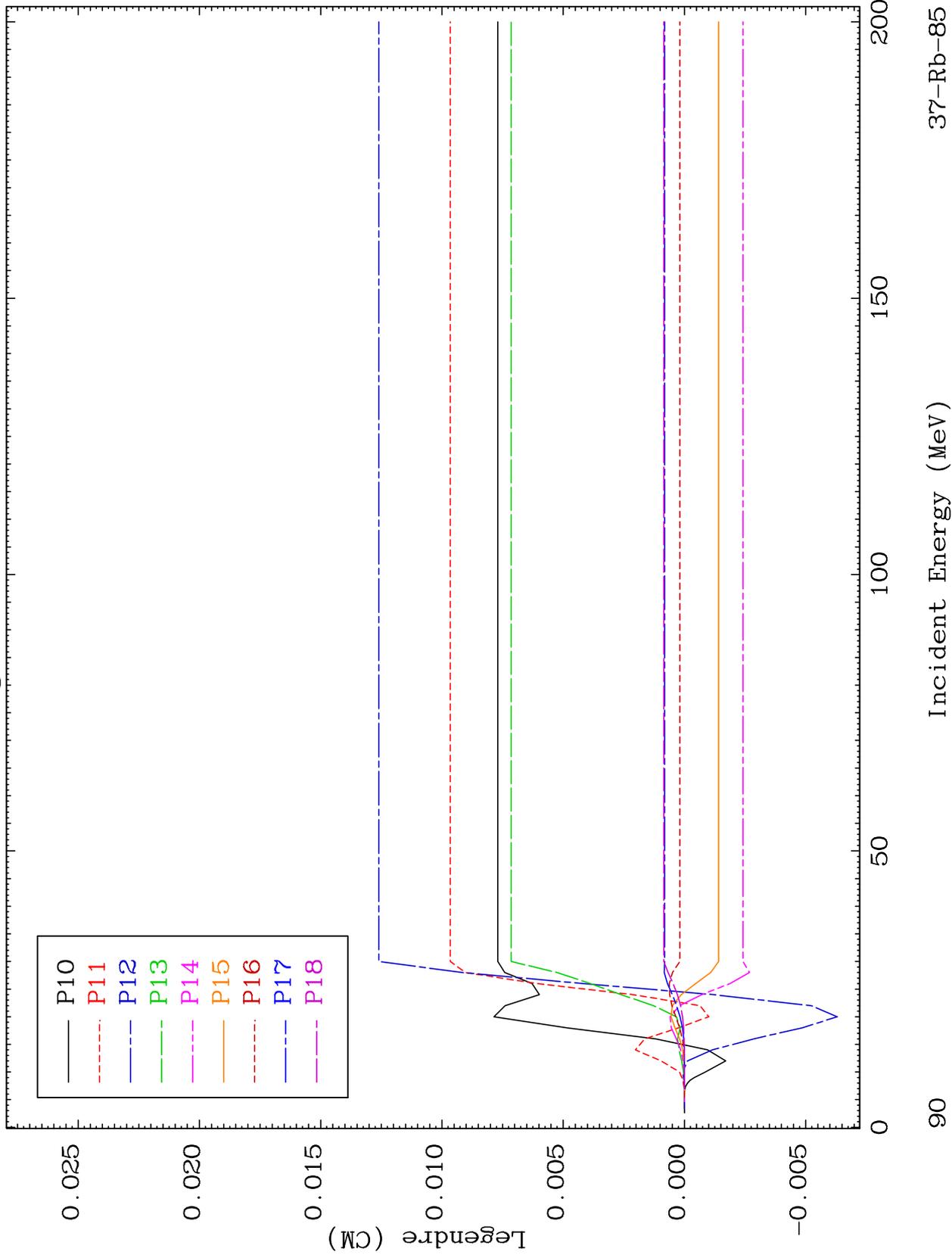


89

MAT 3725

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

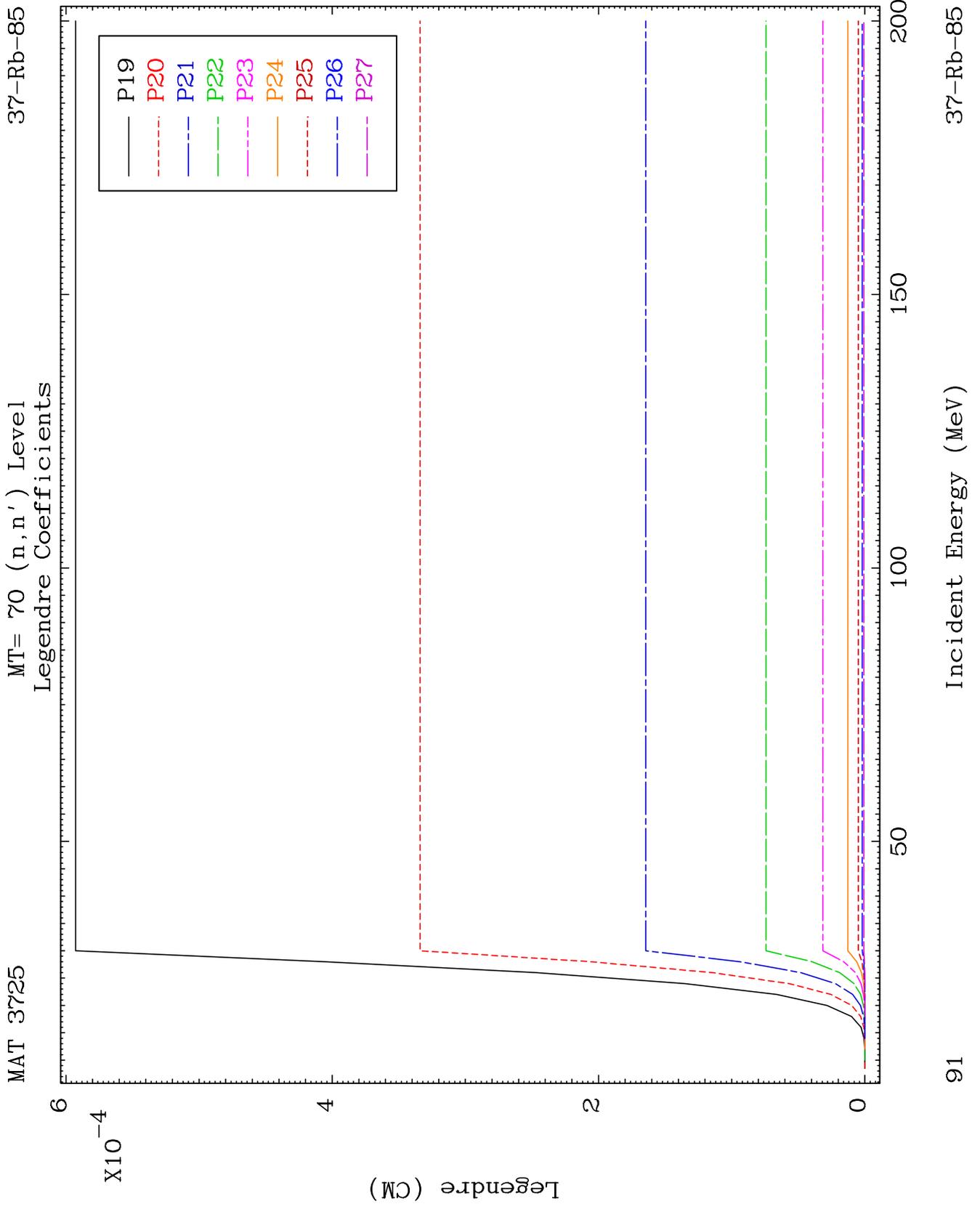
37-Rb-85



37-Rb-85

Incident Energy (MeV)

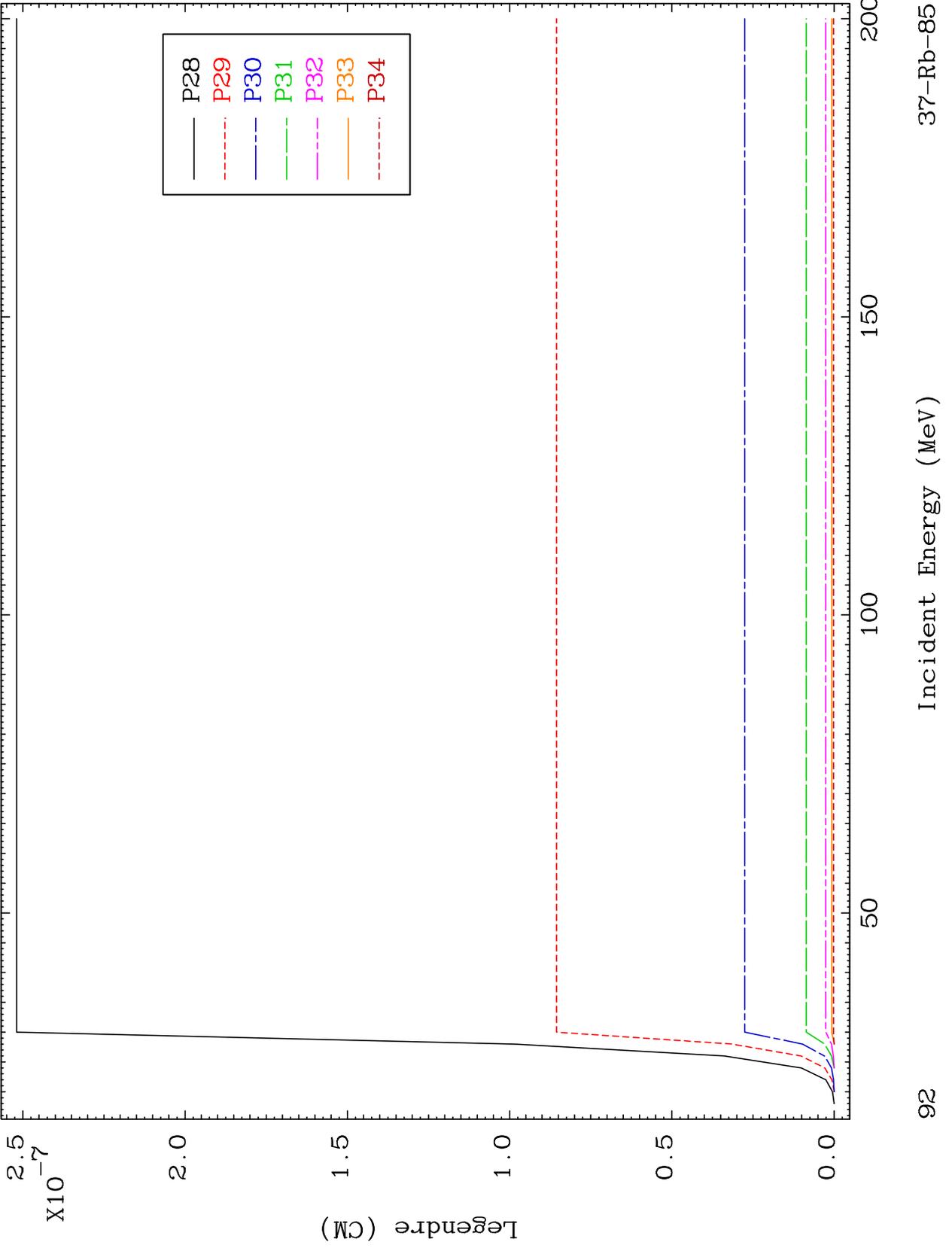
90



MAT 3725

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

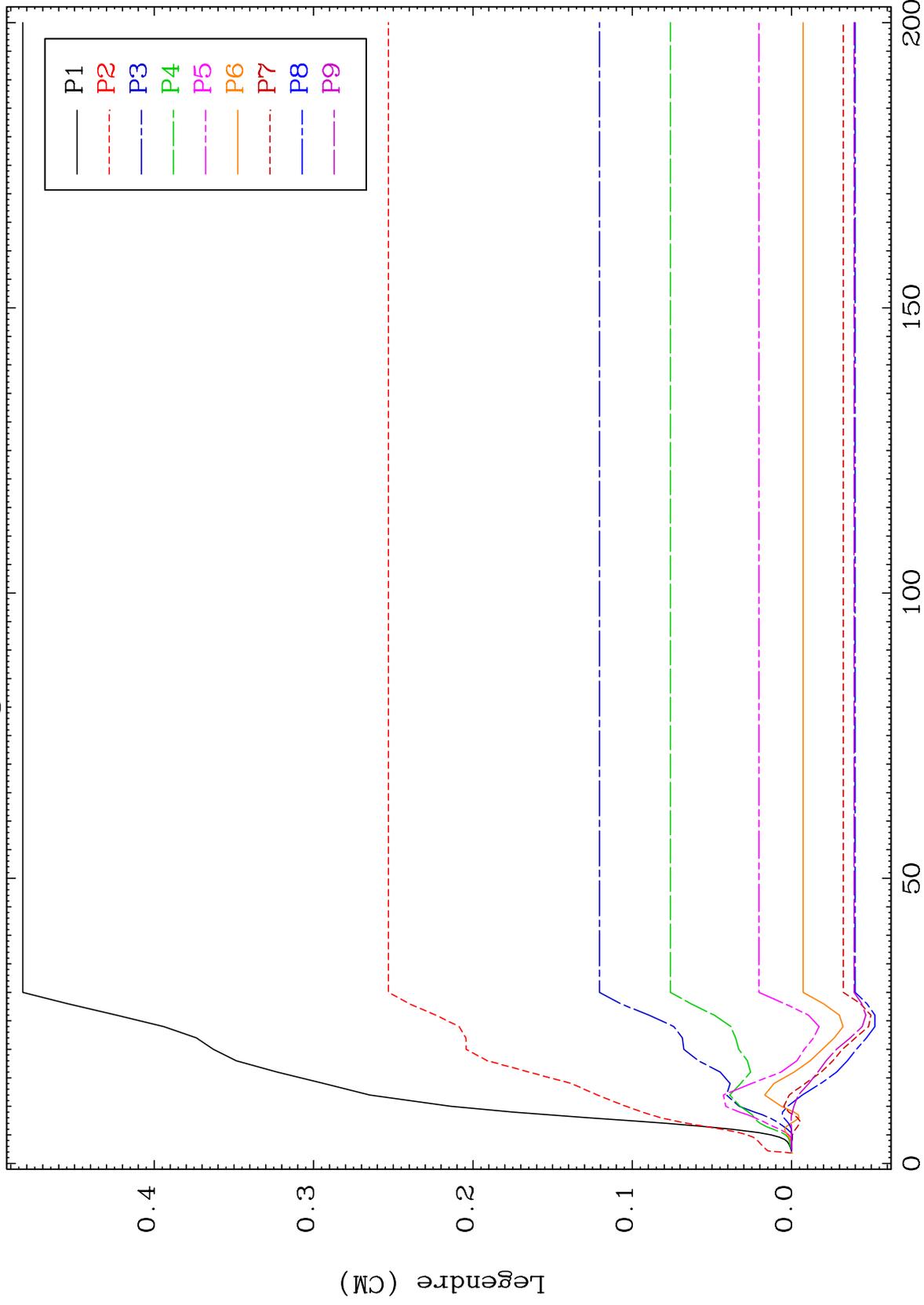
37-Rb-85



MAT 3725

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

37-Rb-85



93

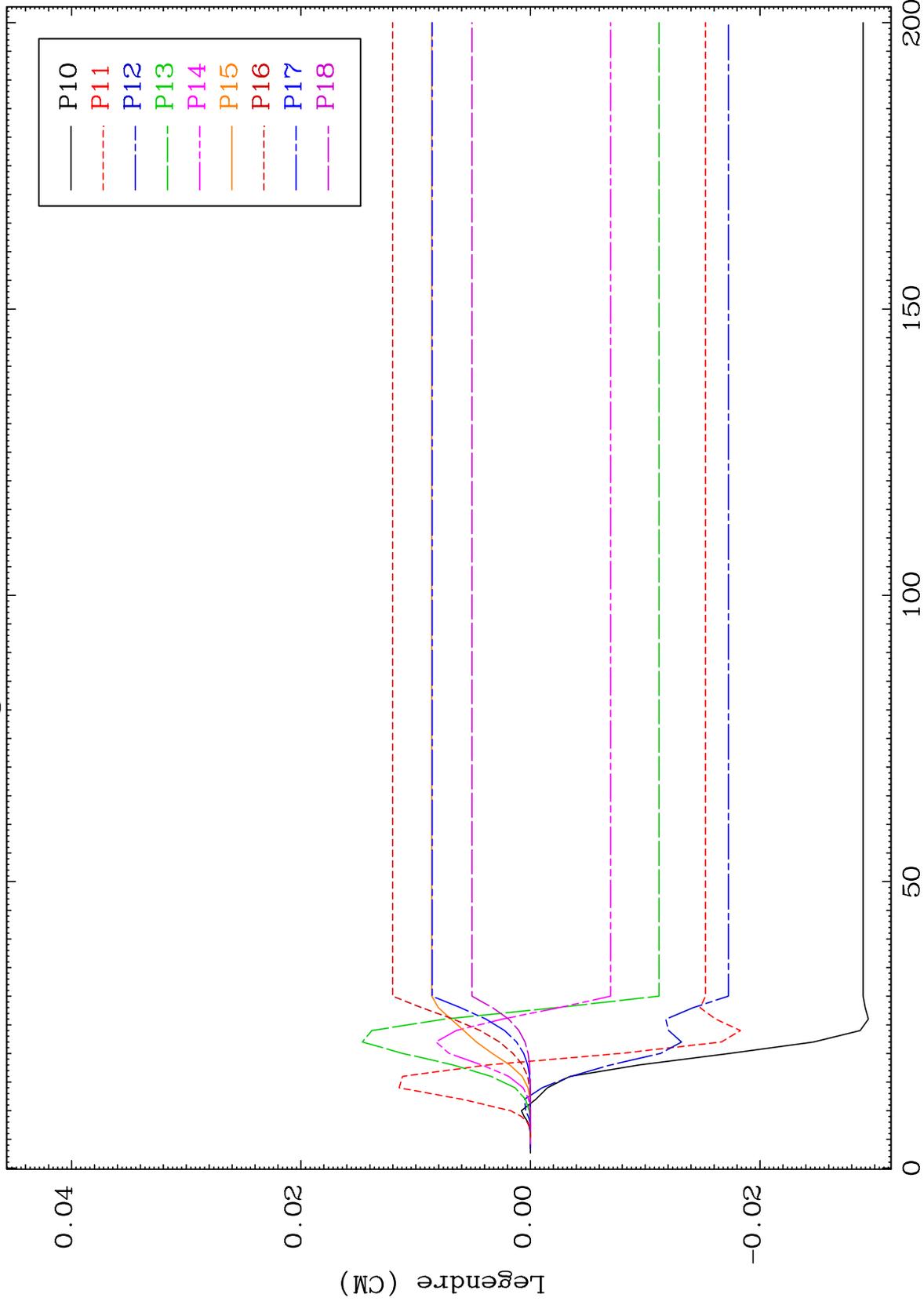
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



94

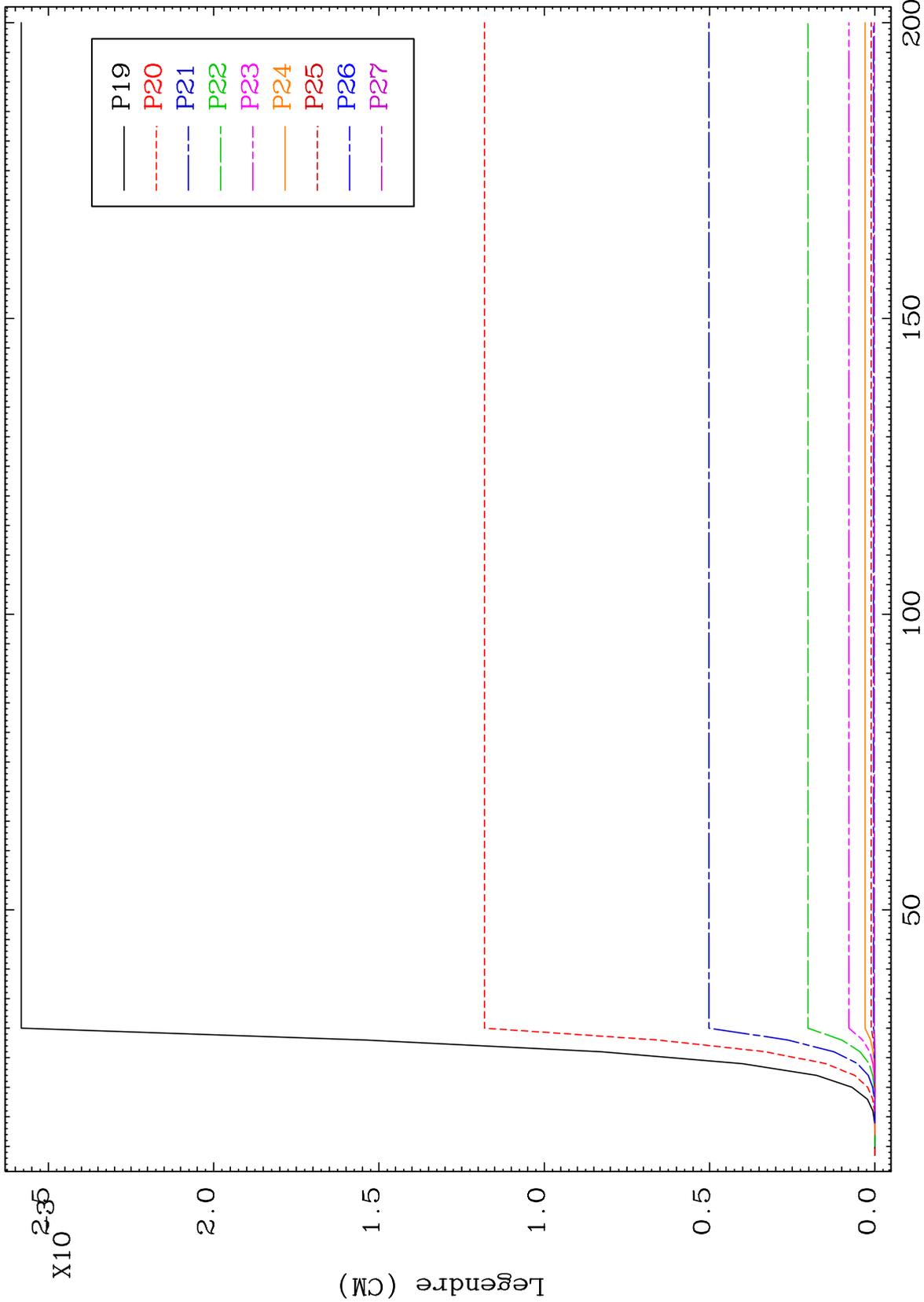
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



95

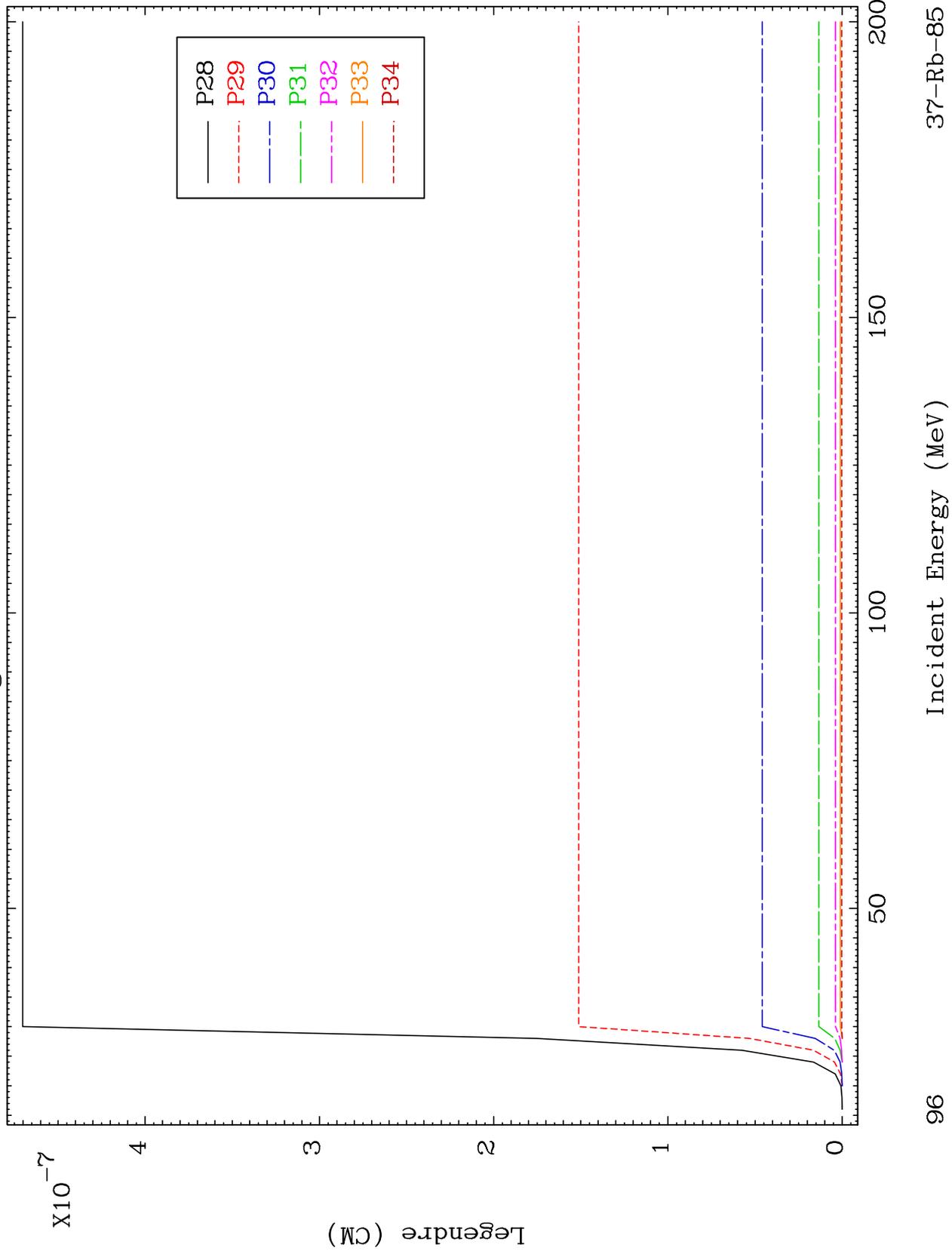
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



96

Incident Energy (MeV)

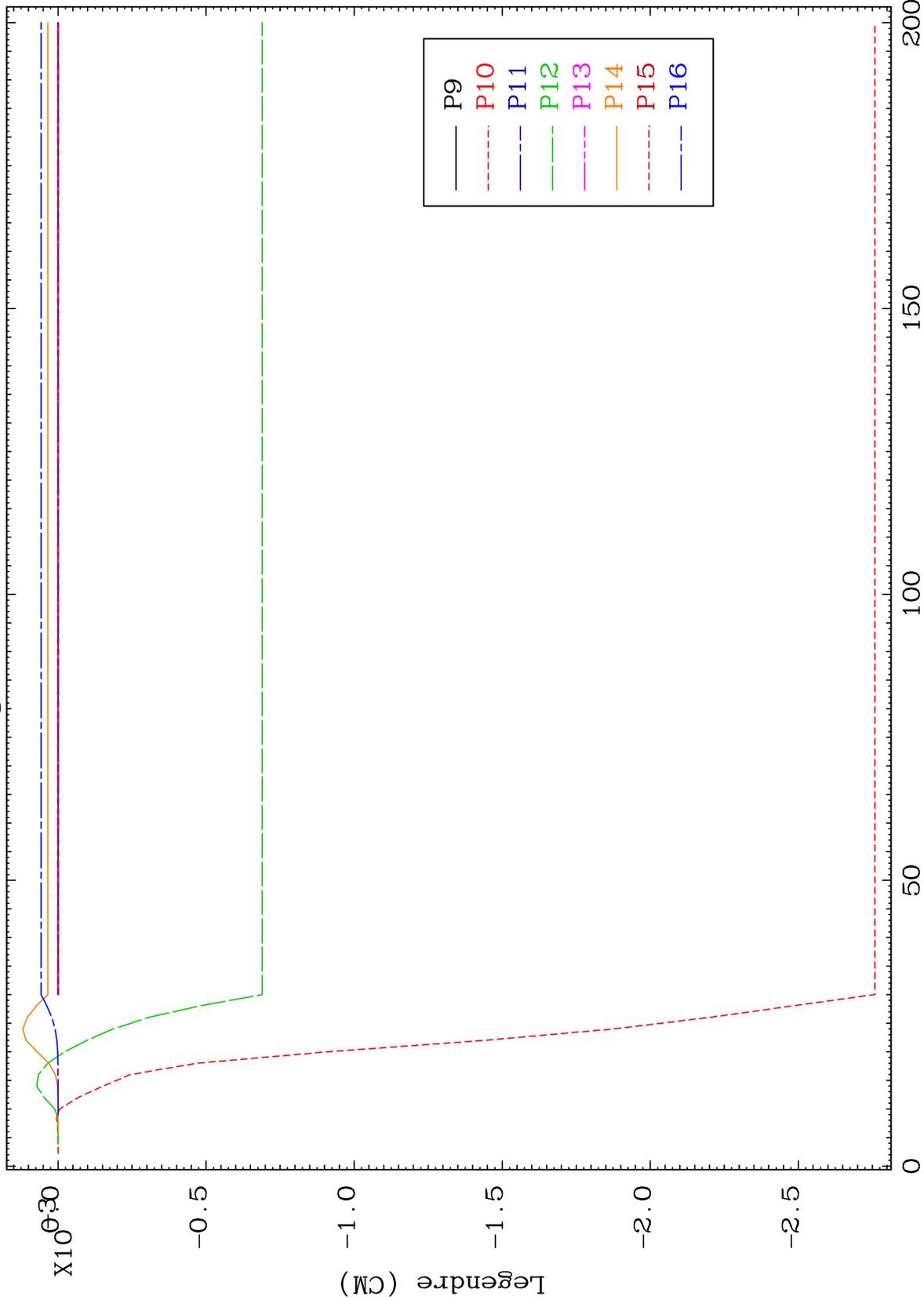
37-Rb-85



MAT 3725

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

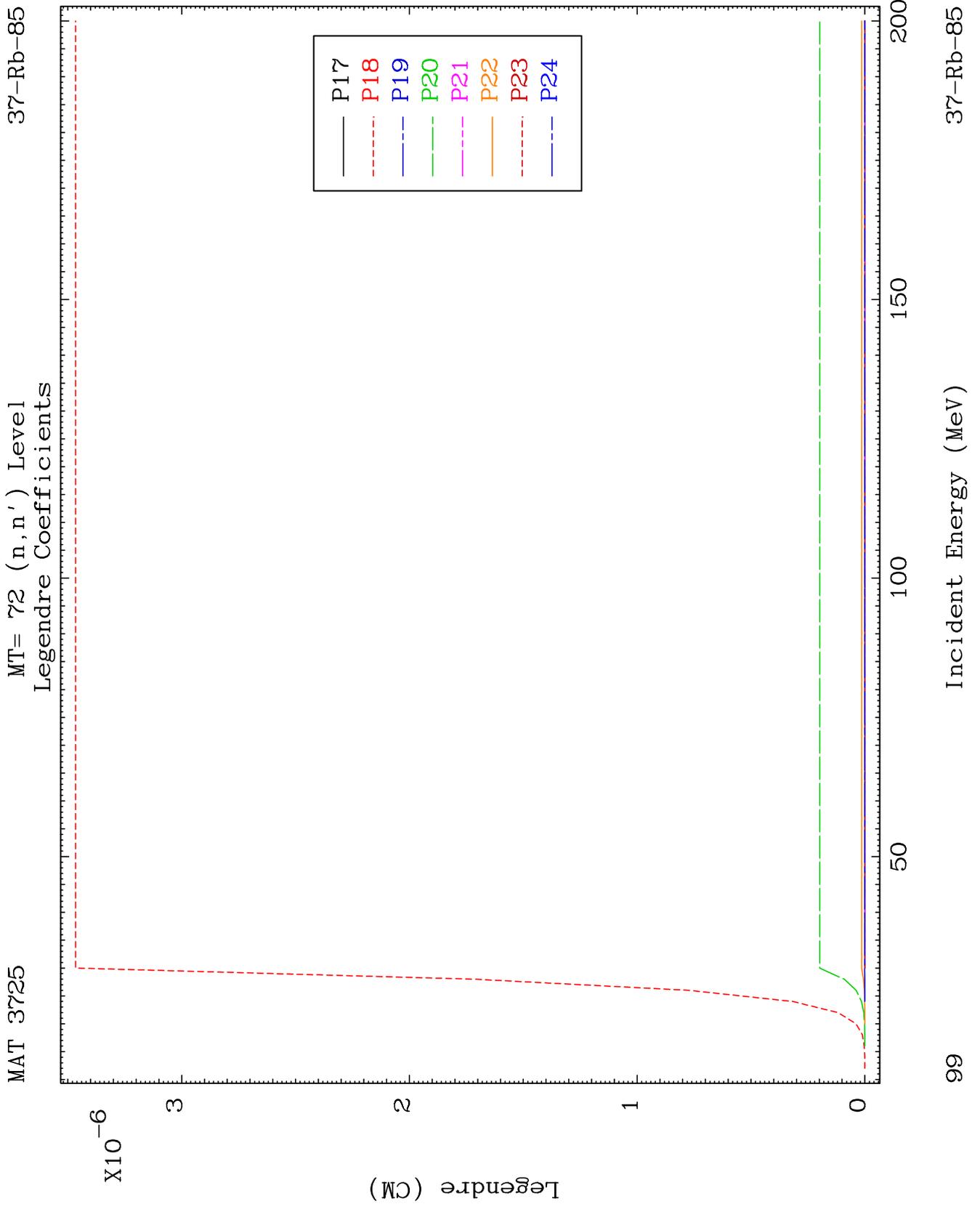
37-Rb-85



98

Incident Energy (MeV)

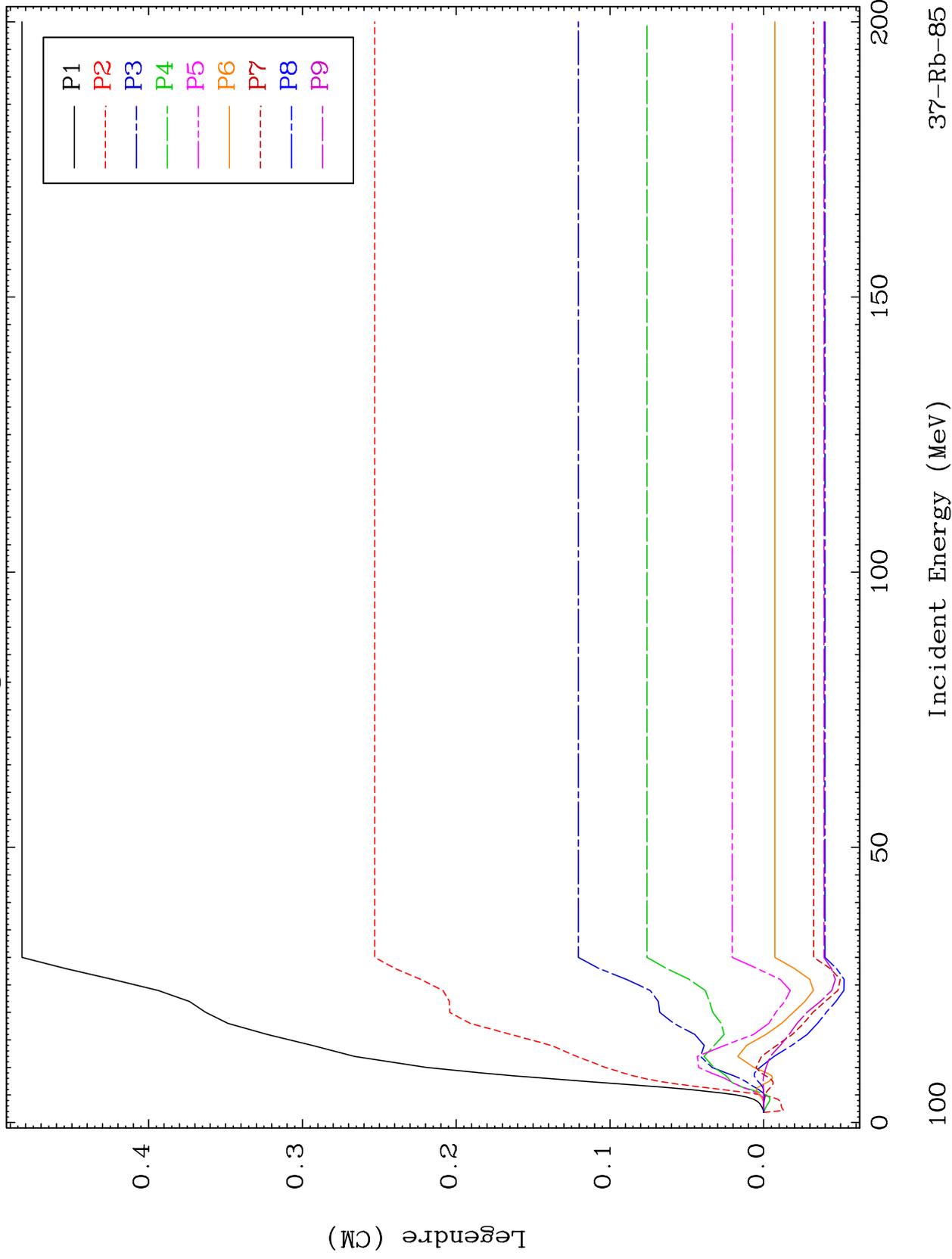
37-Rb-85



MAT 3725

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

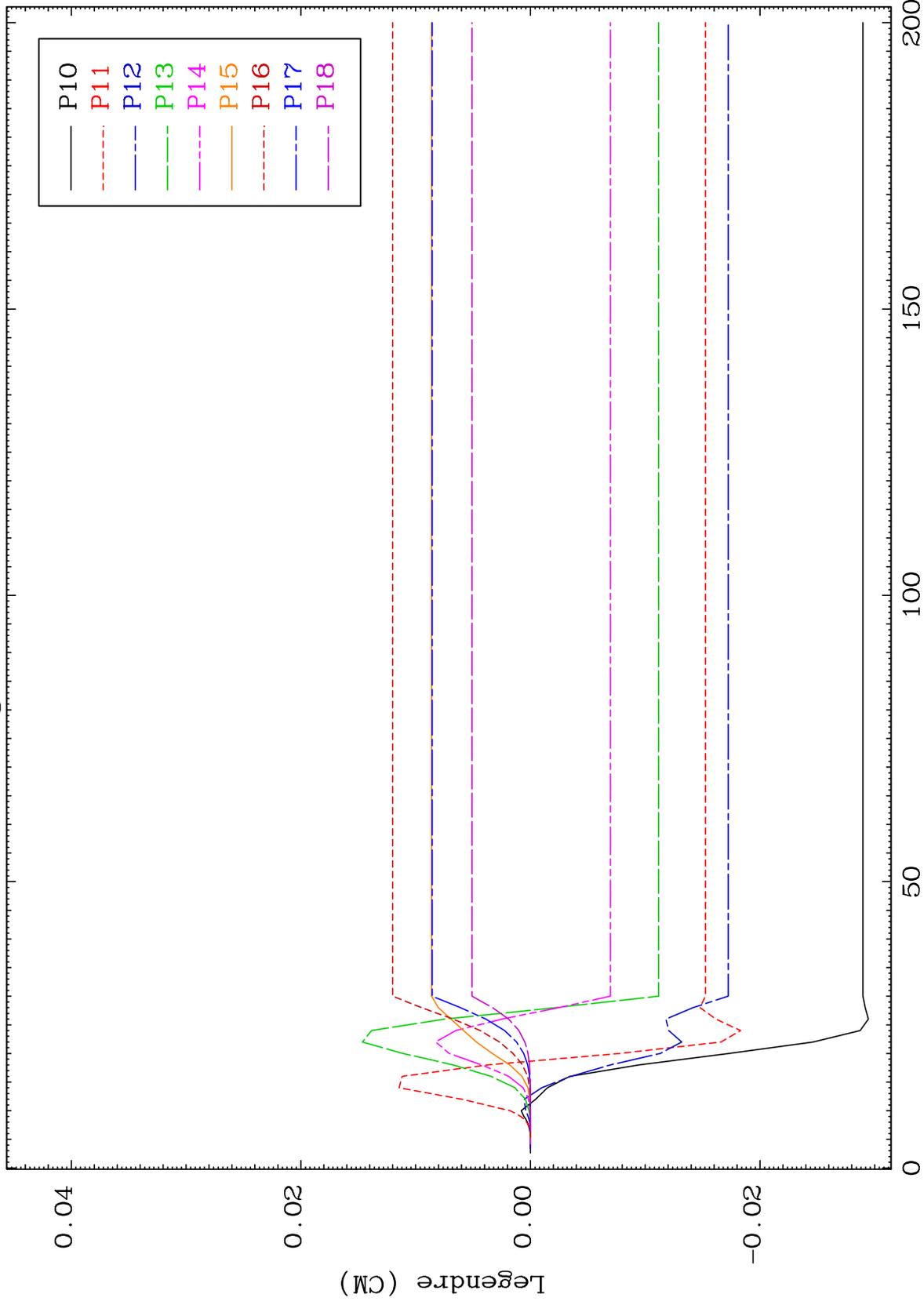
37-Rb-85



MAT 3725

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

37-Rb-85



101

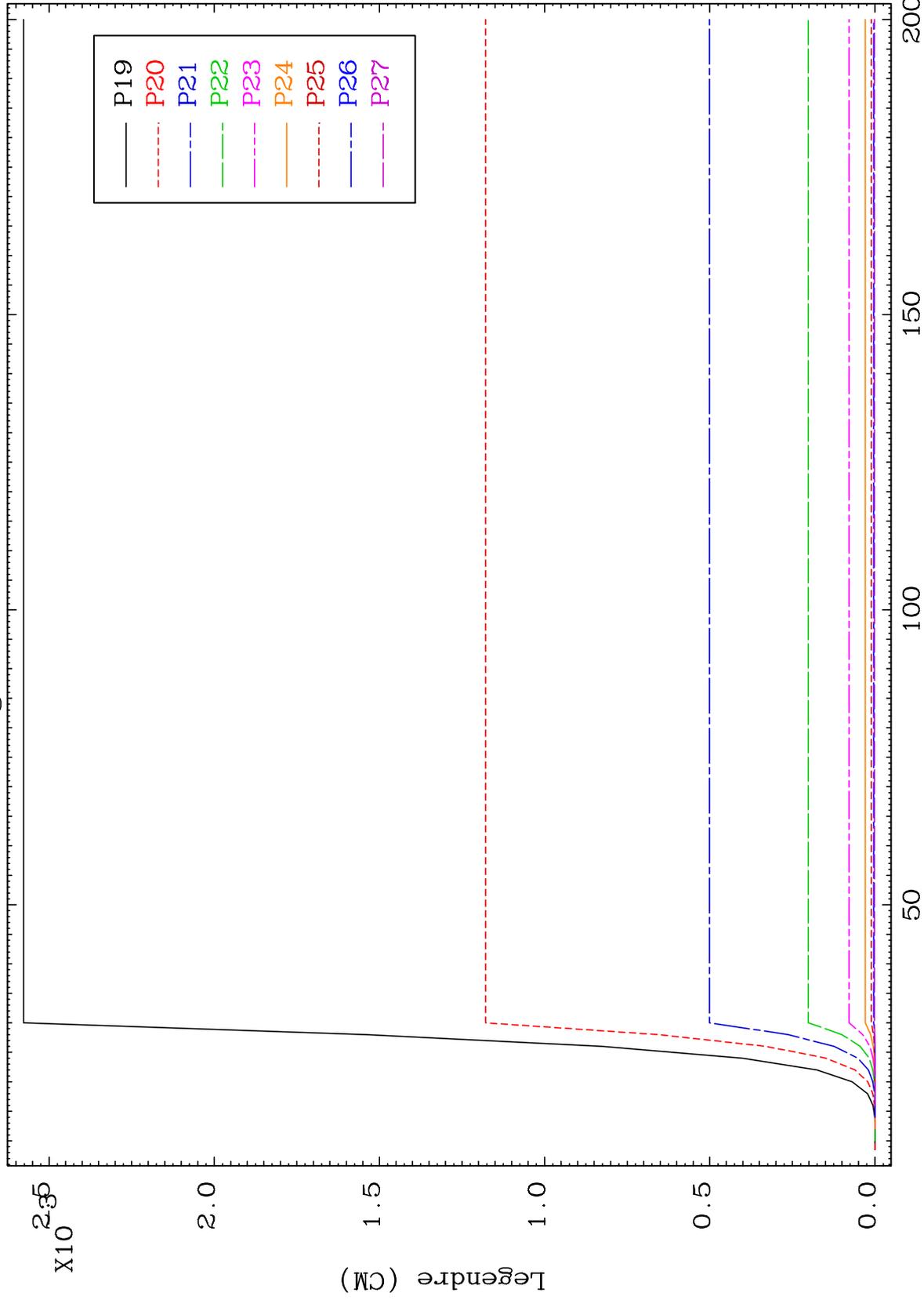
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



102

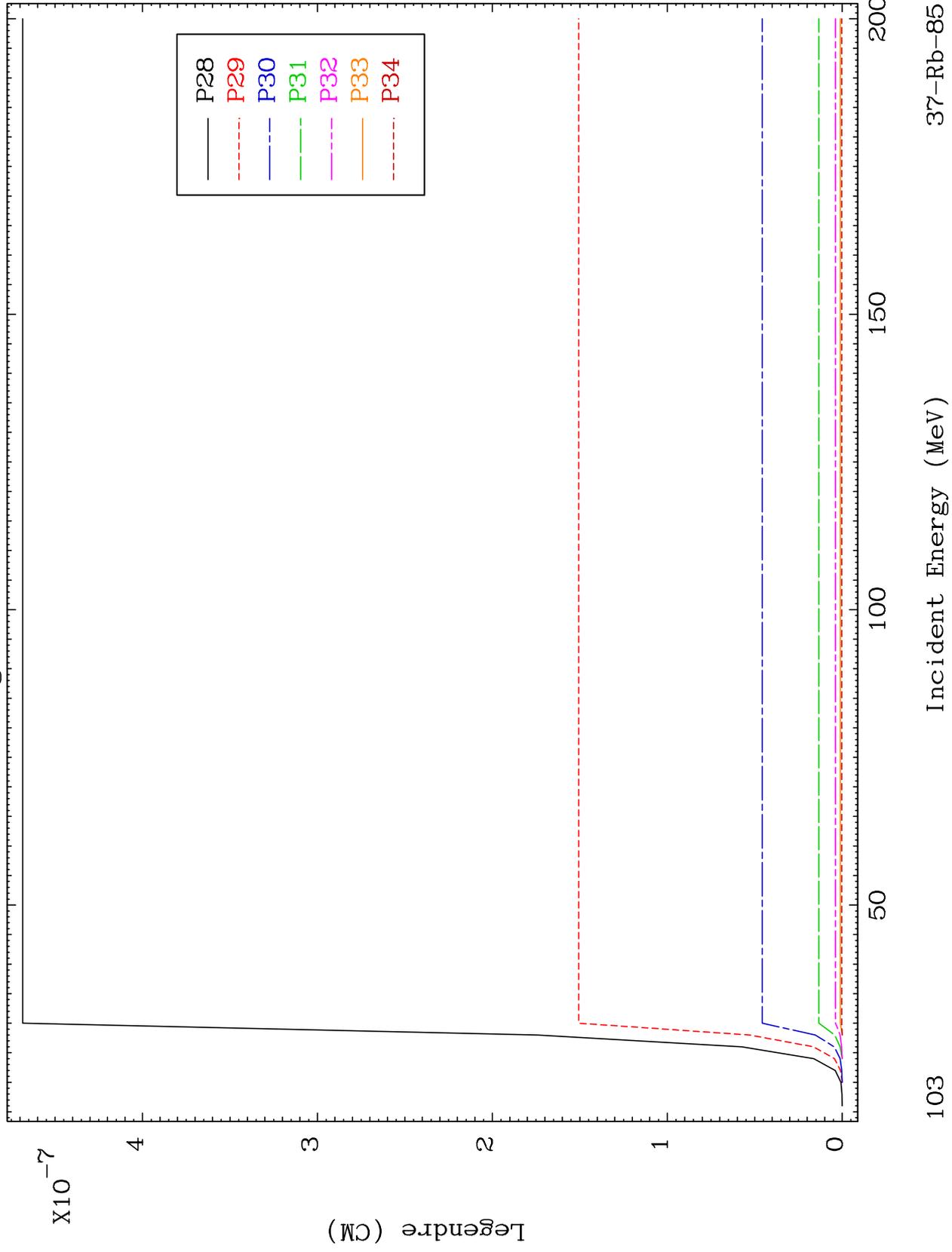
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



103

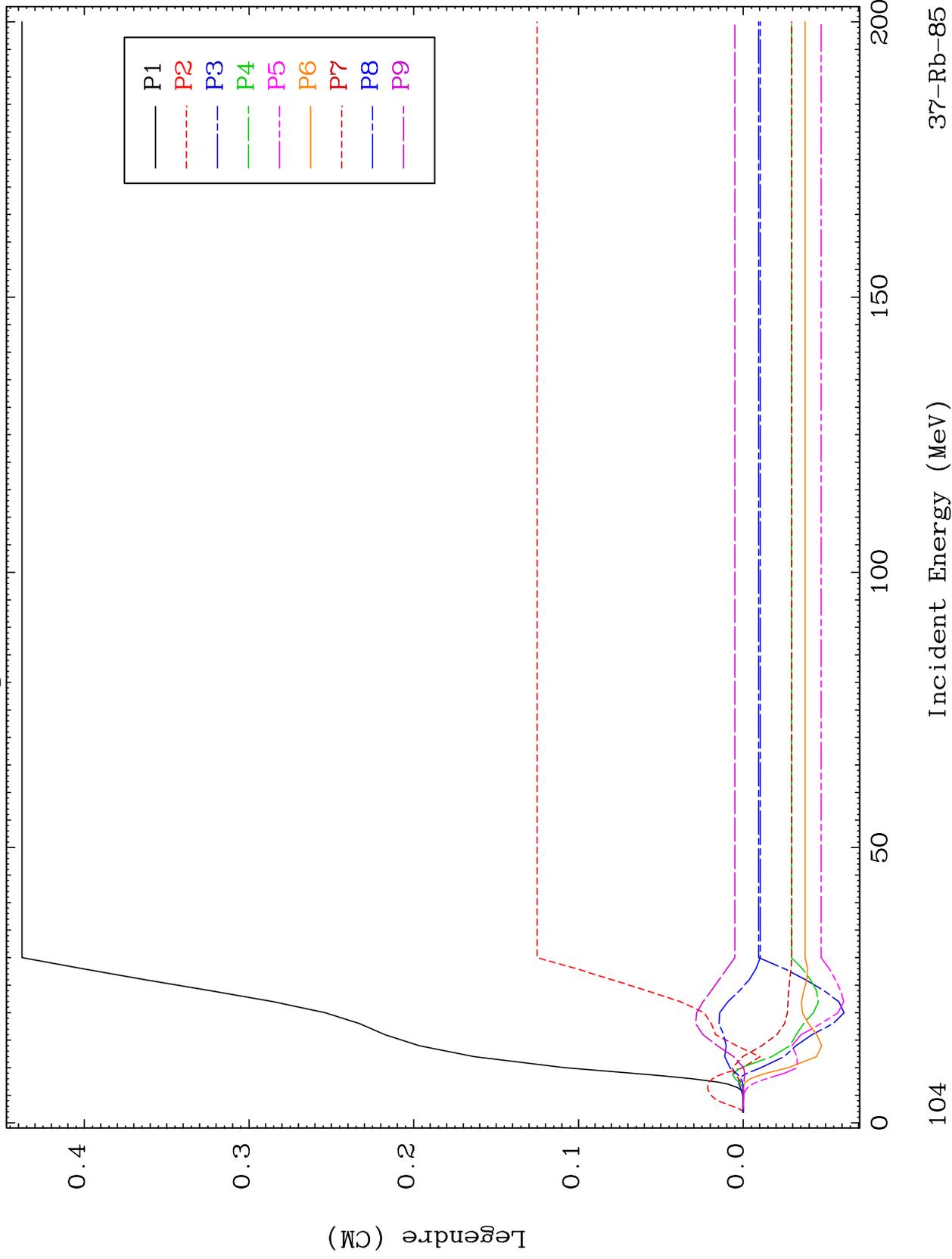
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



37-Rb-85

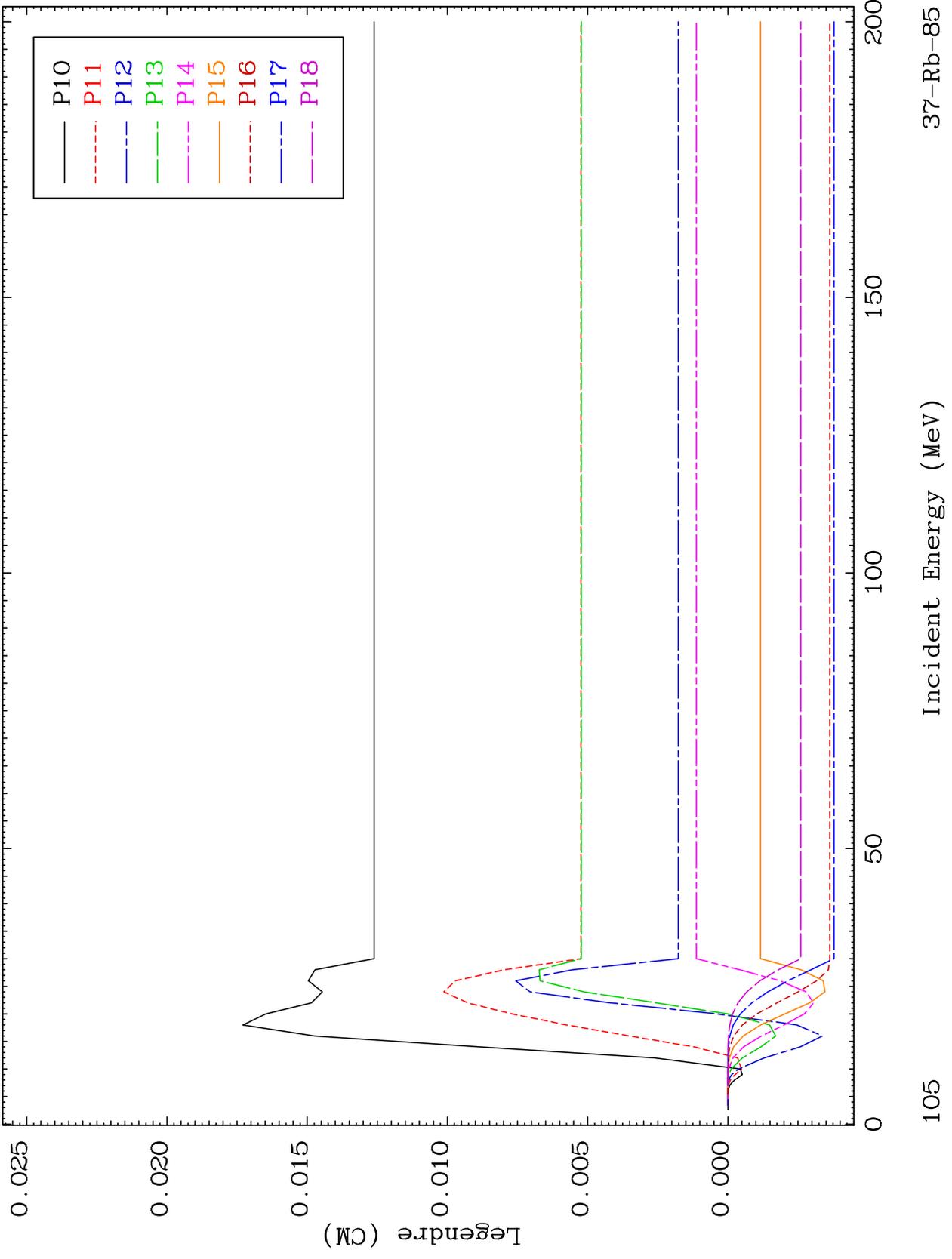
Incident Energy (MeV)

104

MAT 3725

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

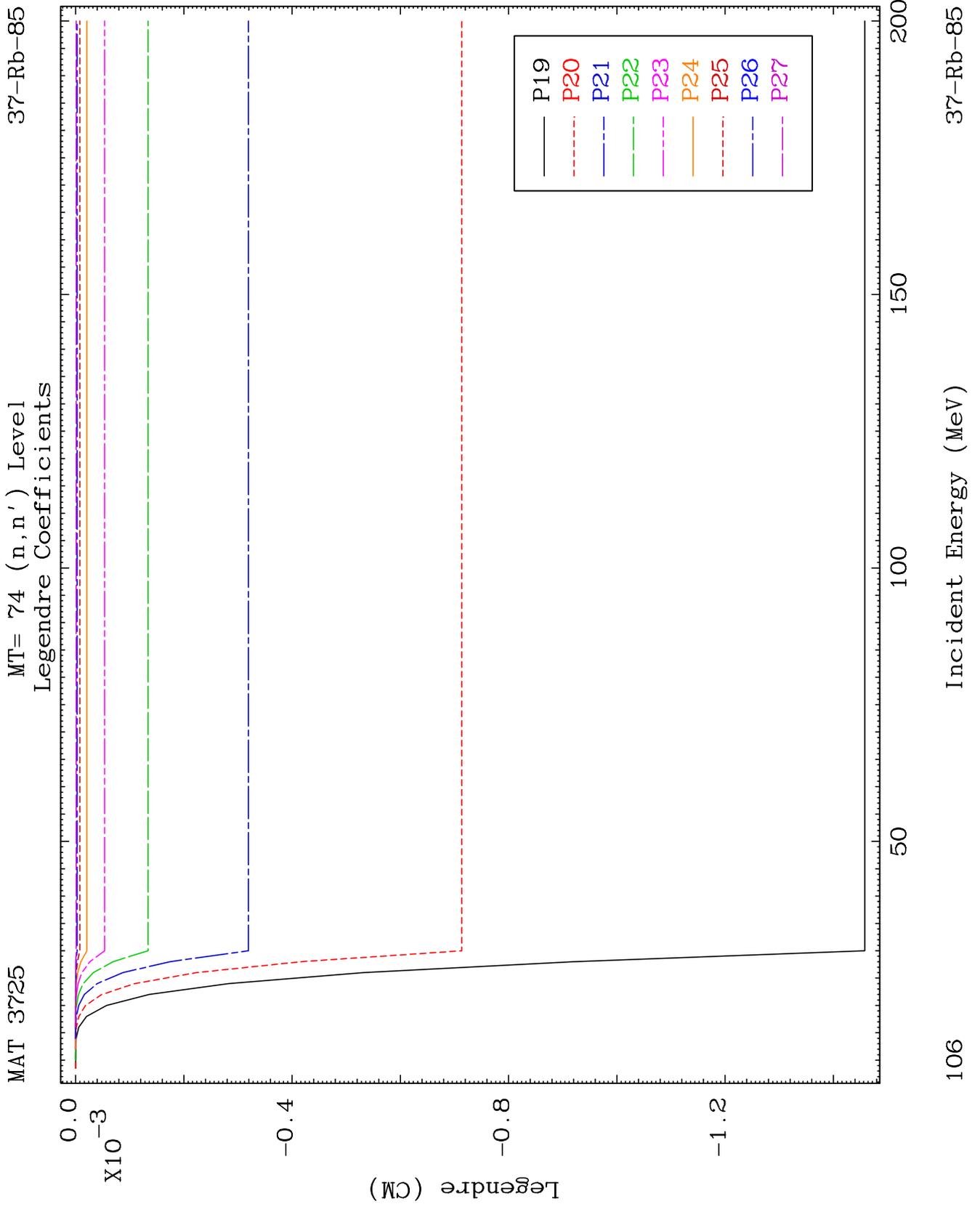
37-Rb-85

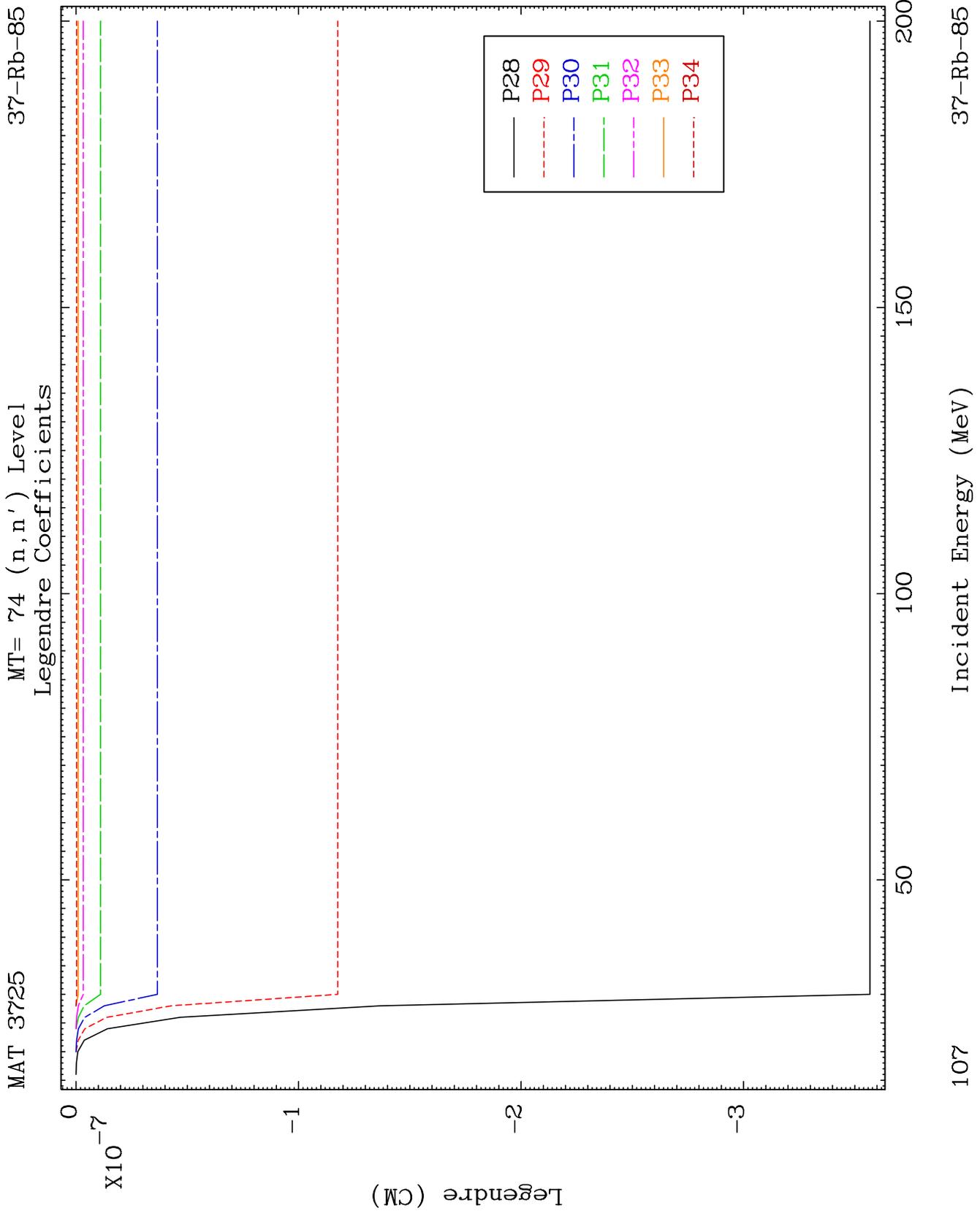


105

Incident Energy (MeV)

37-Rb-85

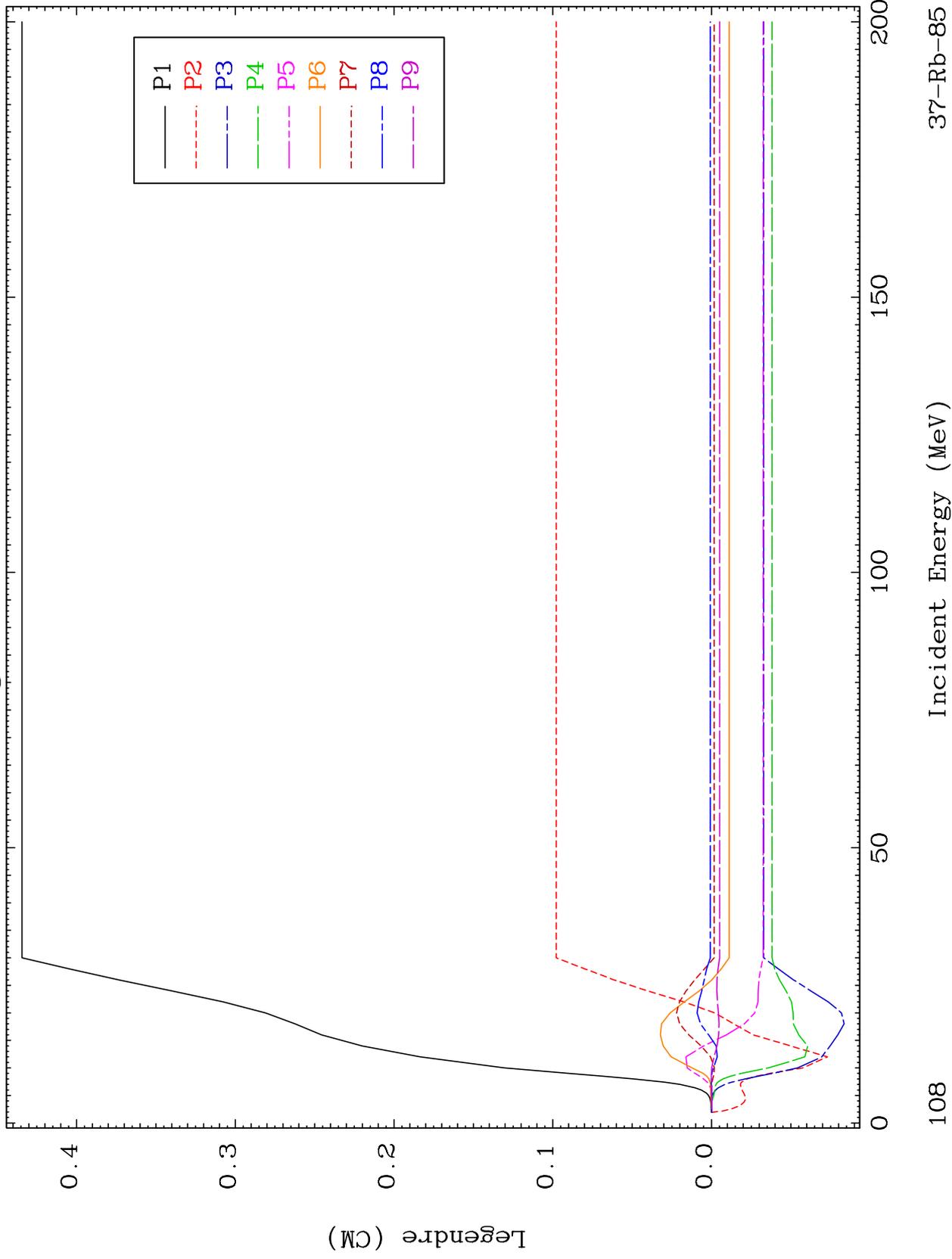




MAT 3725

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

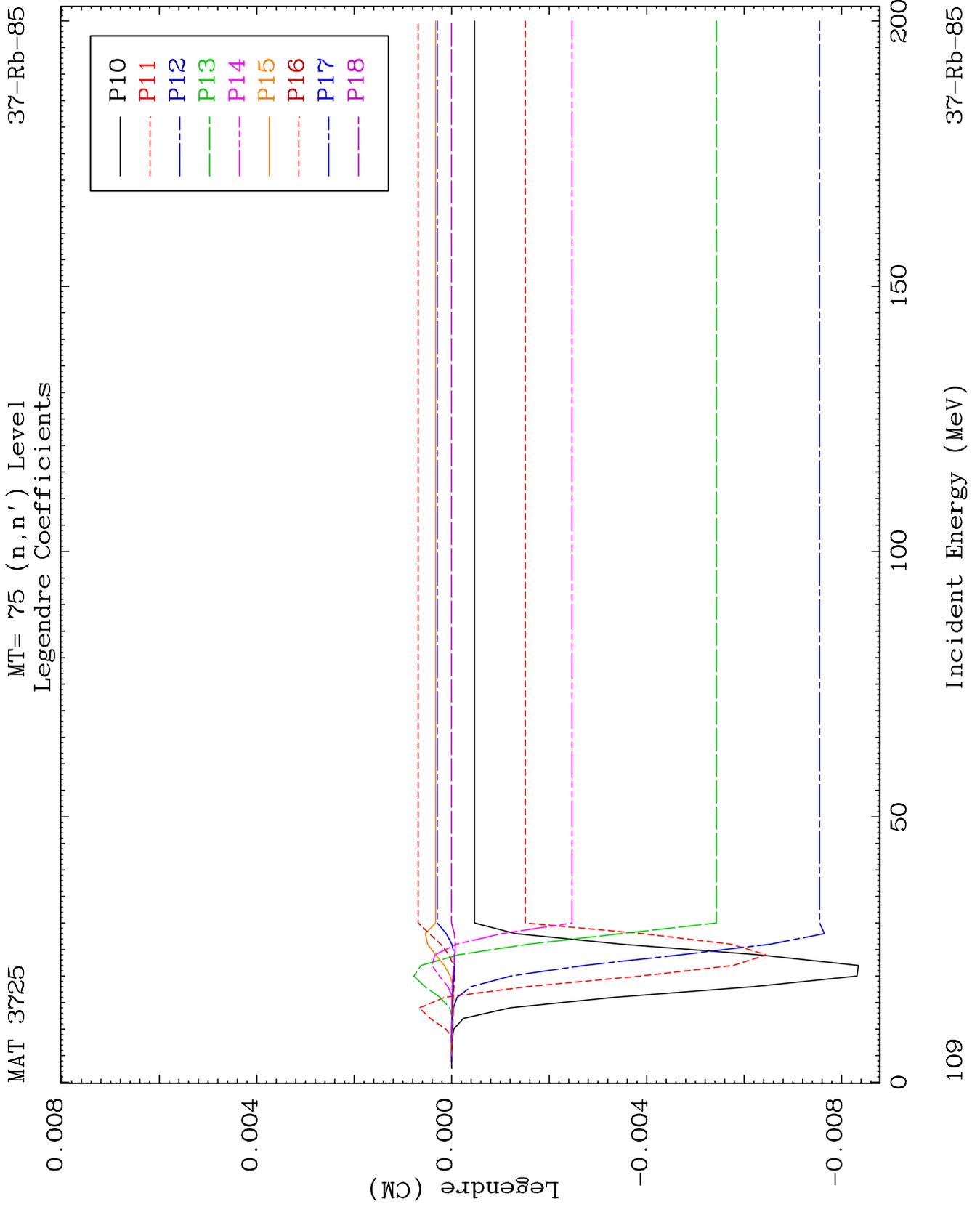
37-Rb-85



37-Rb-85

Incident Energy (MeV)

108



37-Rb-85

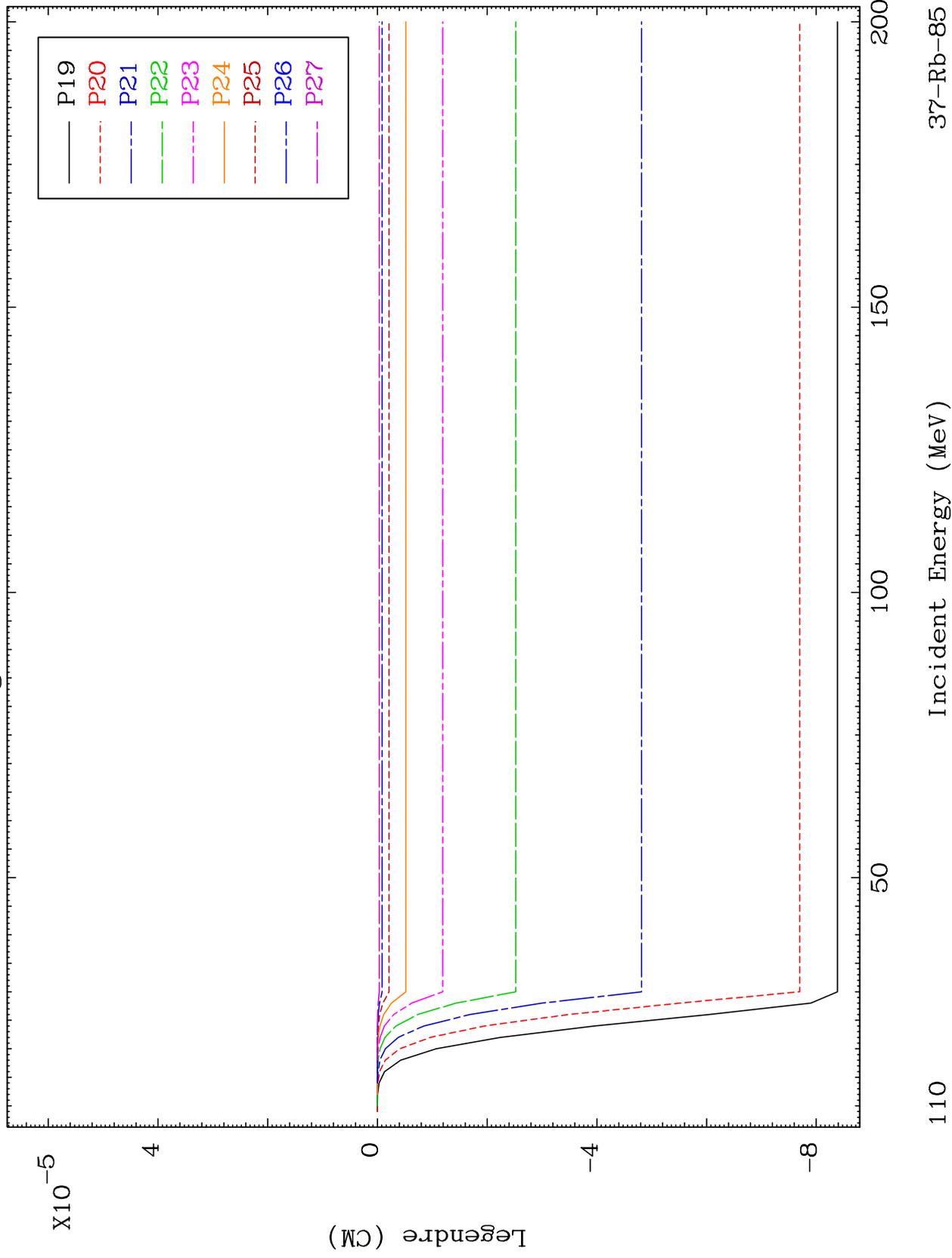
Incident Energy (MeV)

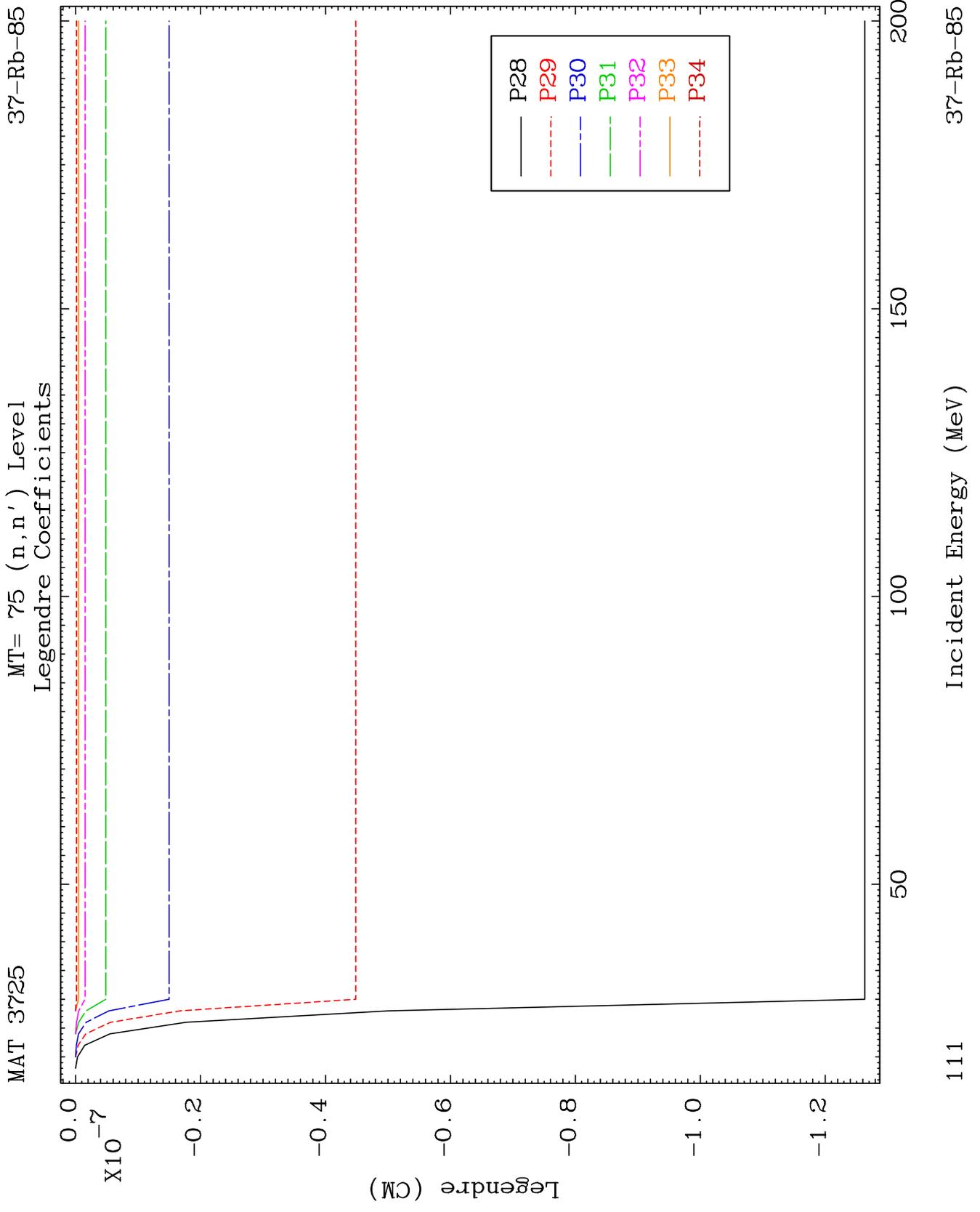
109

MAT 3725

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

37-Rb-85

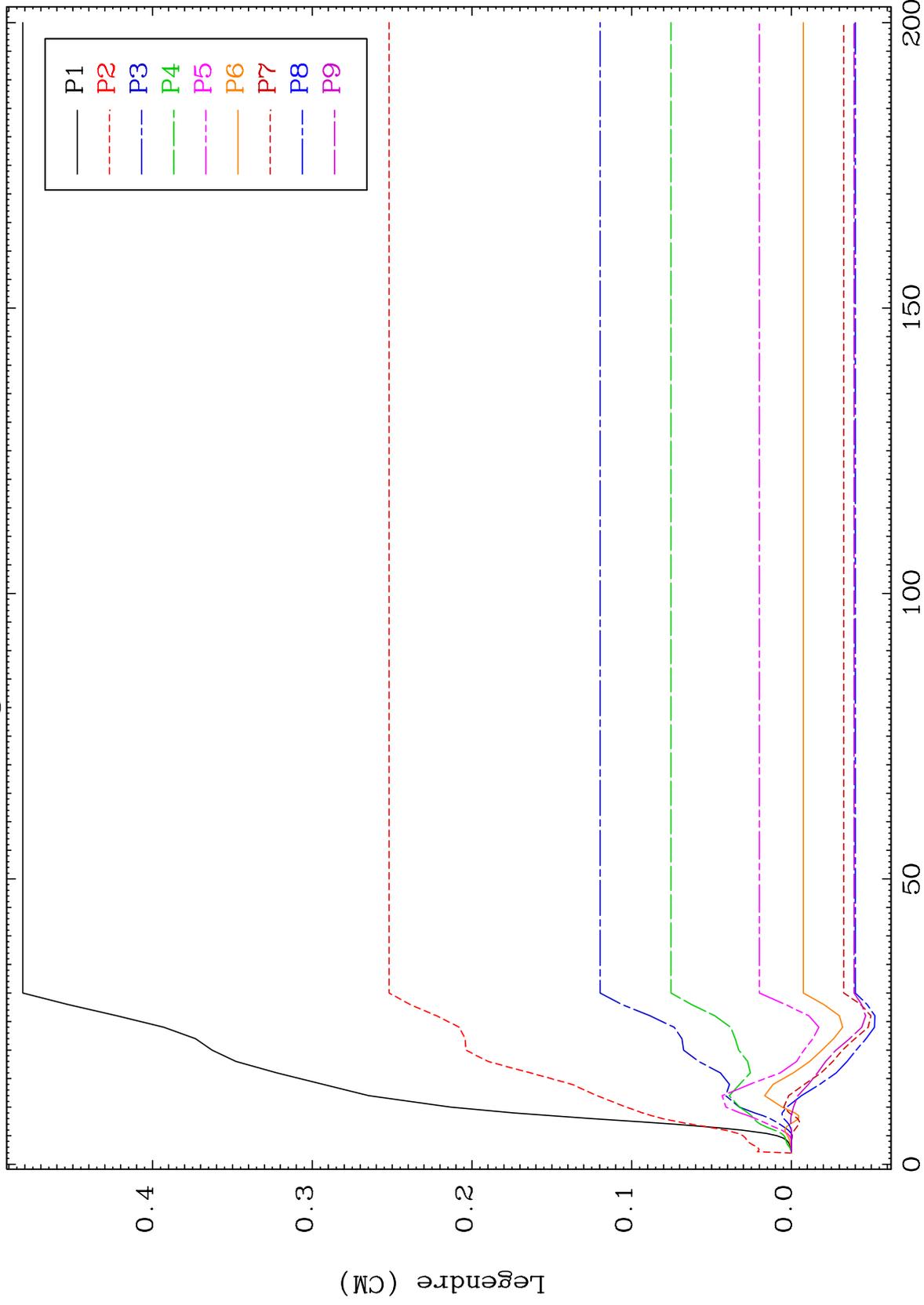




MAT 3725

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

37-Rb-85



112

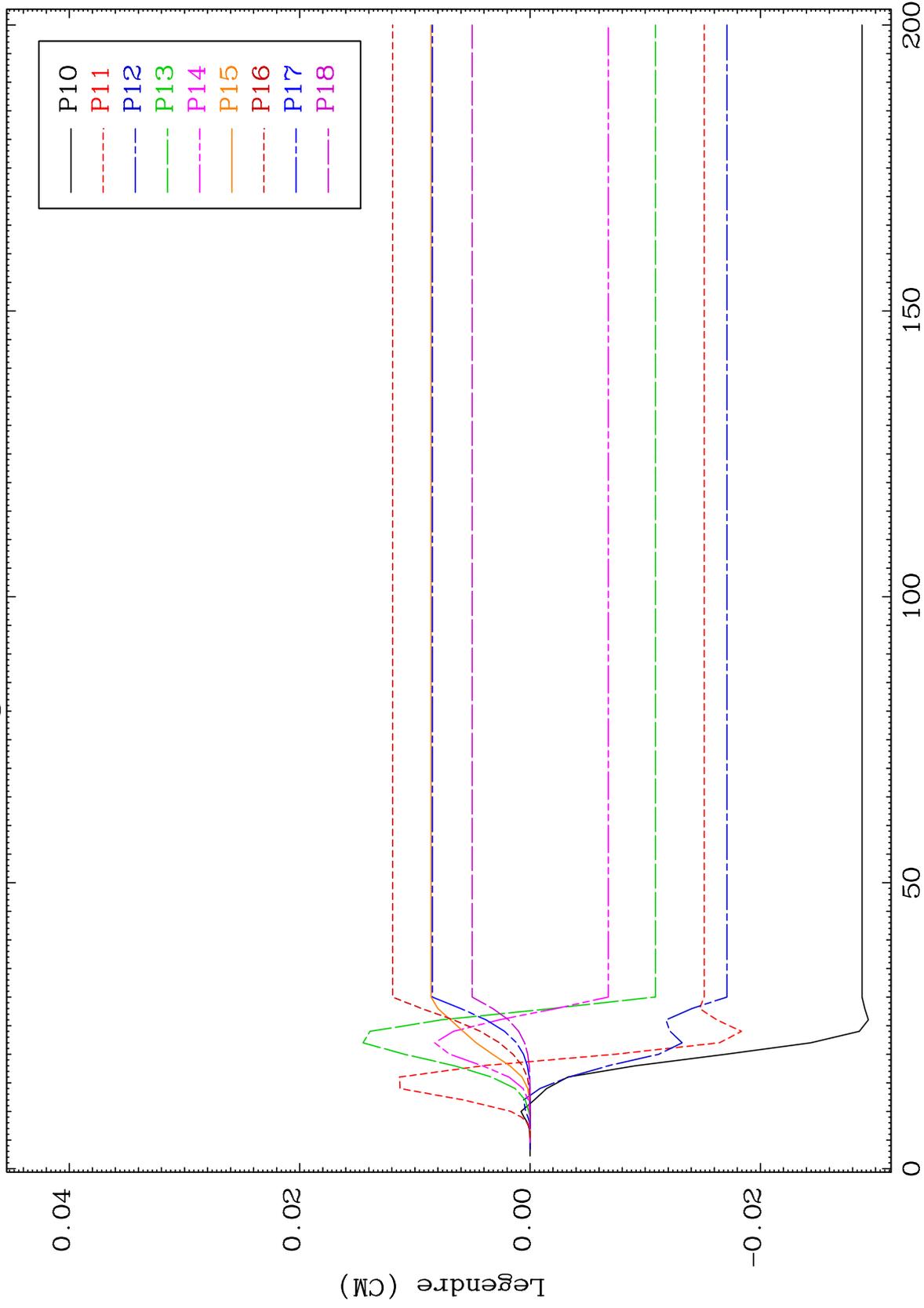
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



113

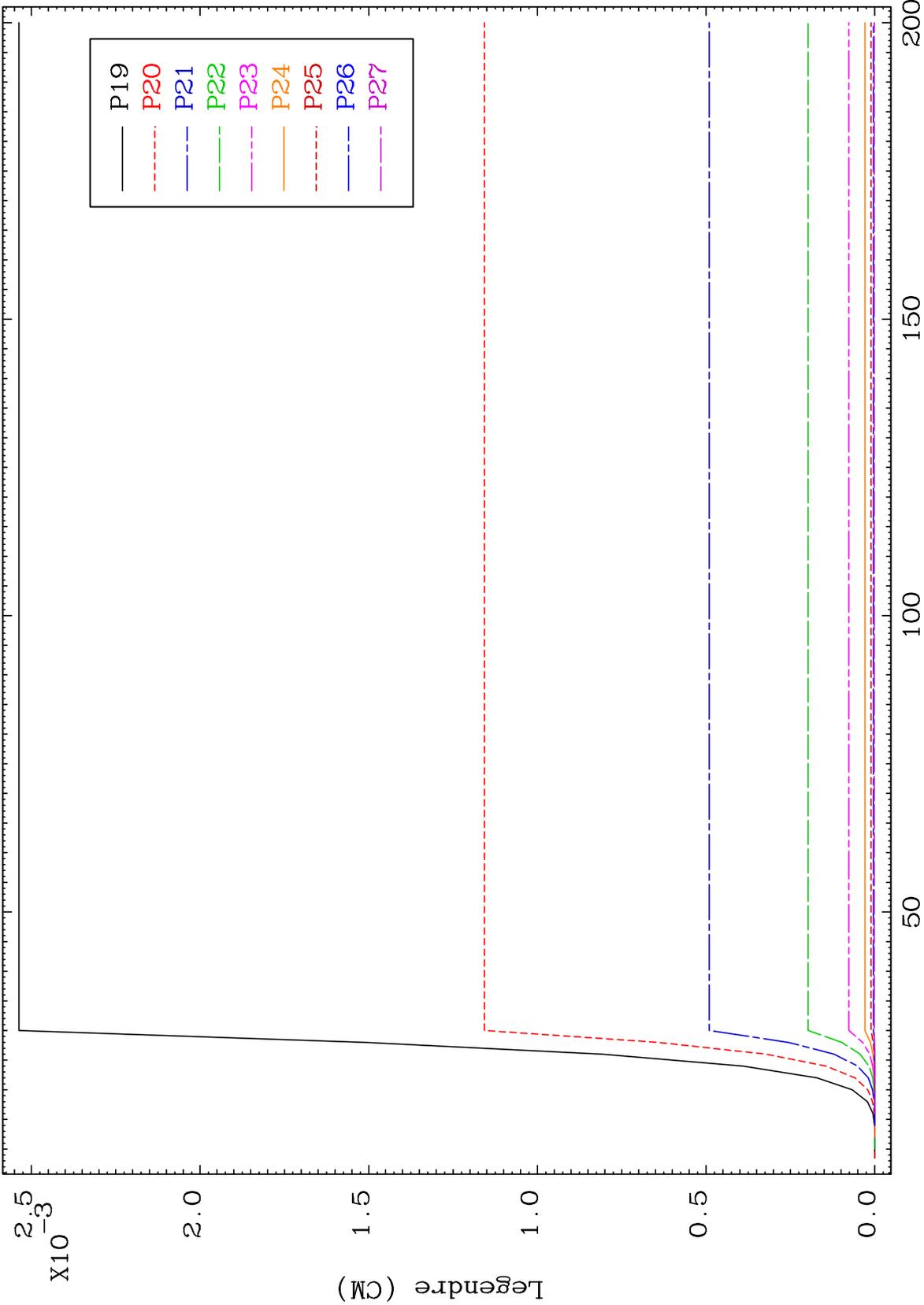
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

37-Rb-85



114

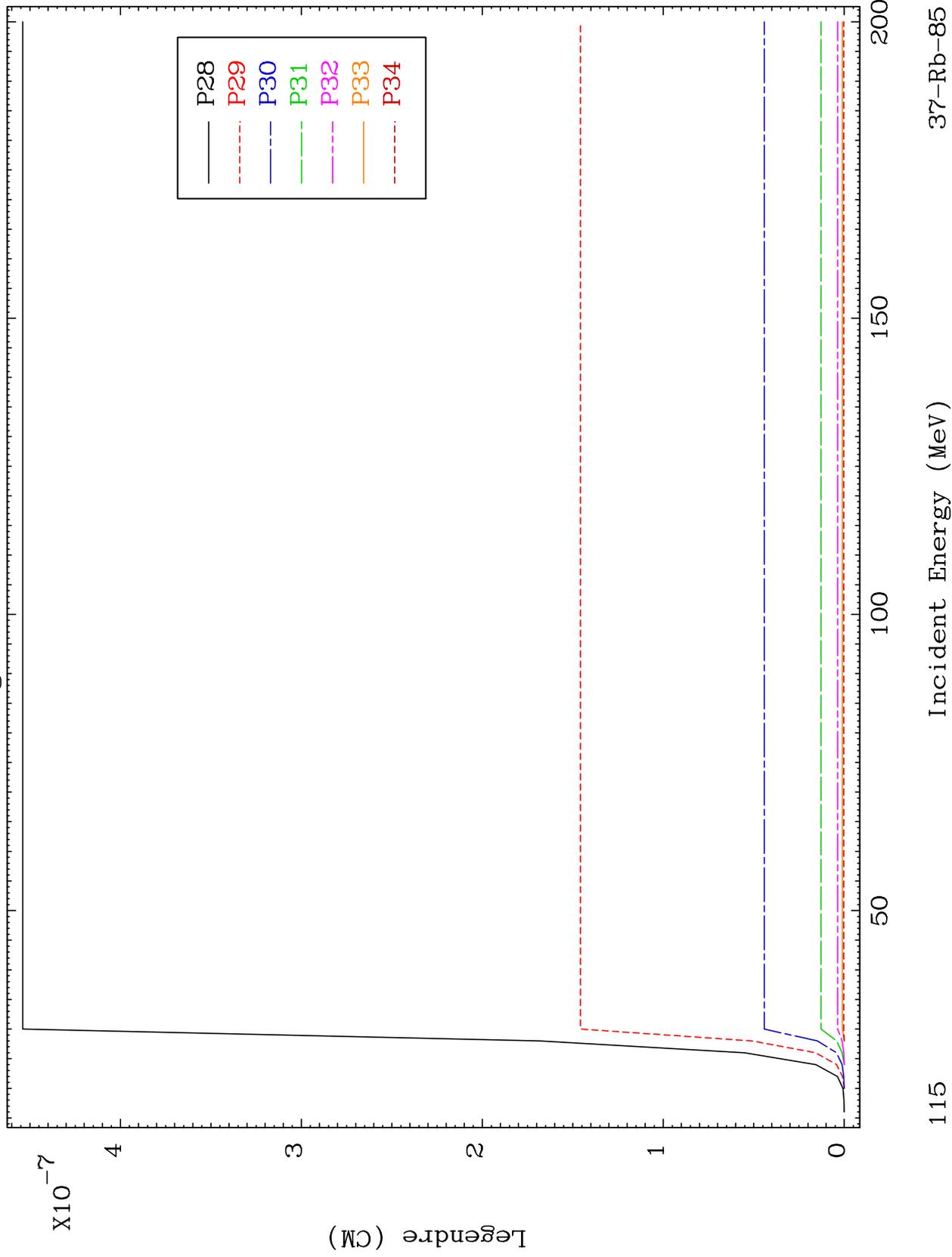
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

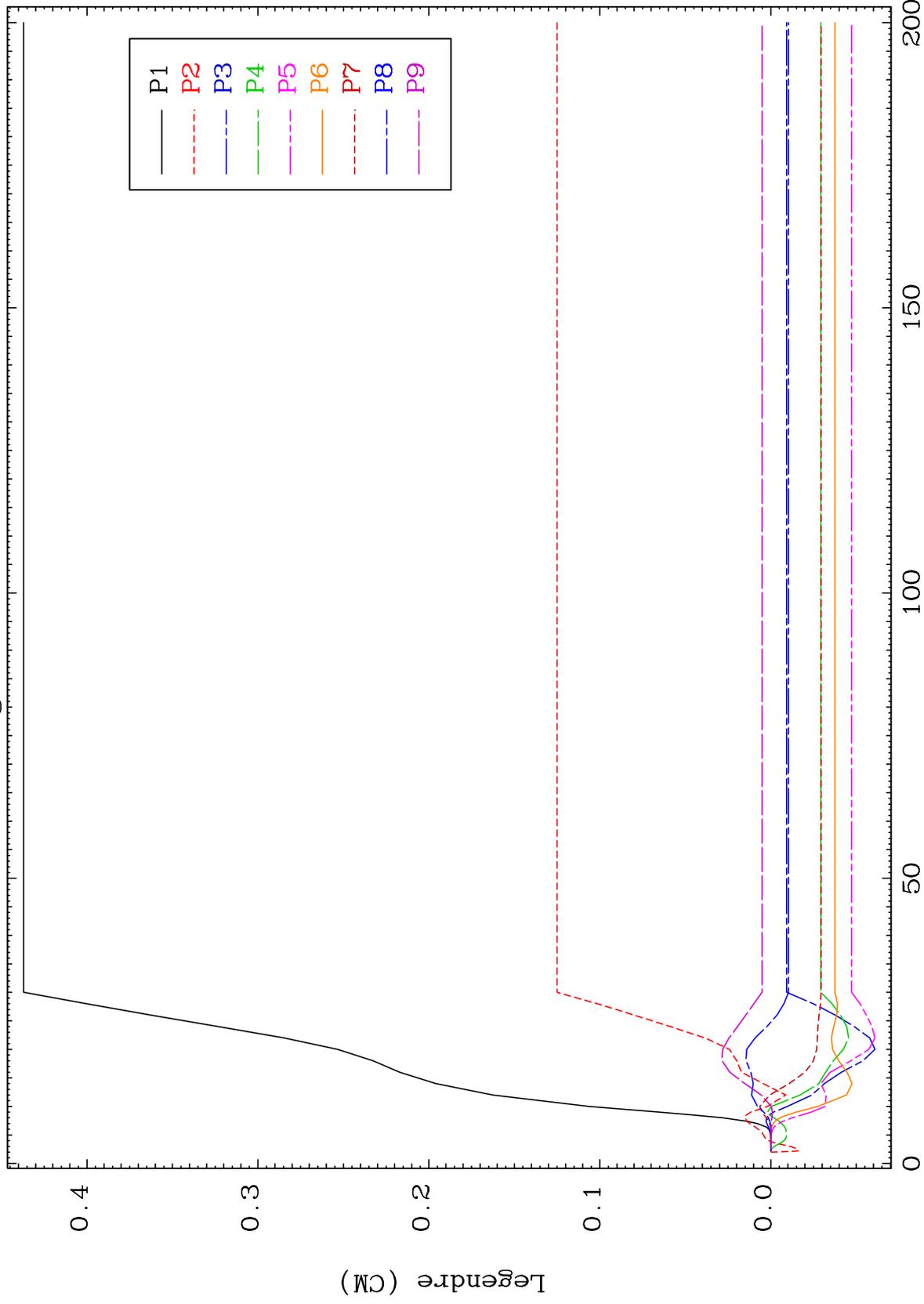
37-Rb-85



MAT 3725

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

37-Rb-85



116

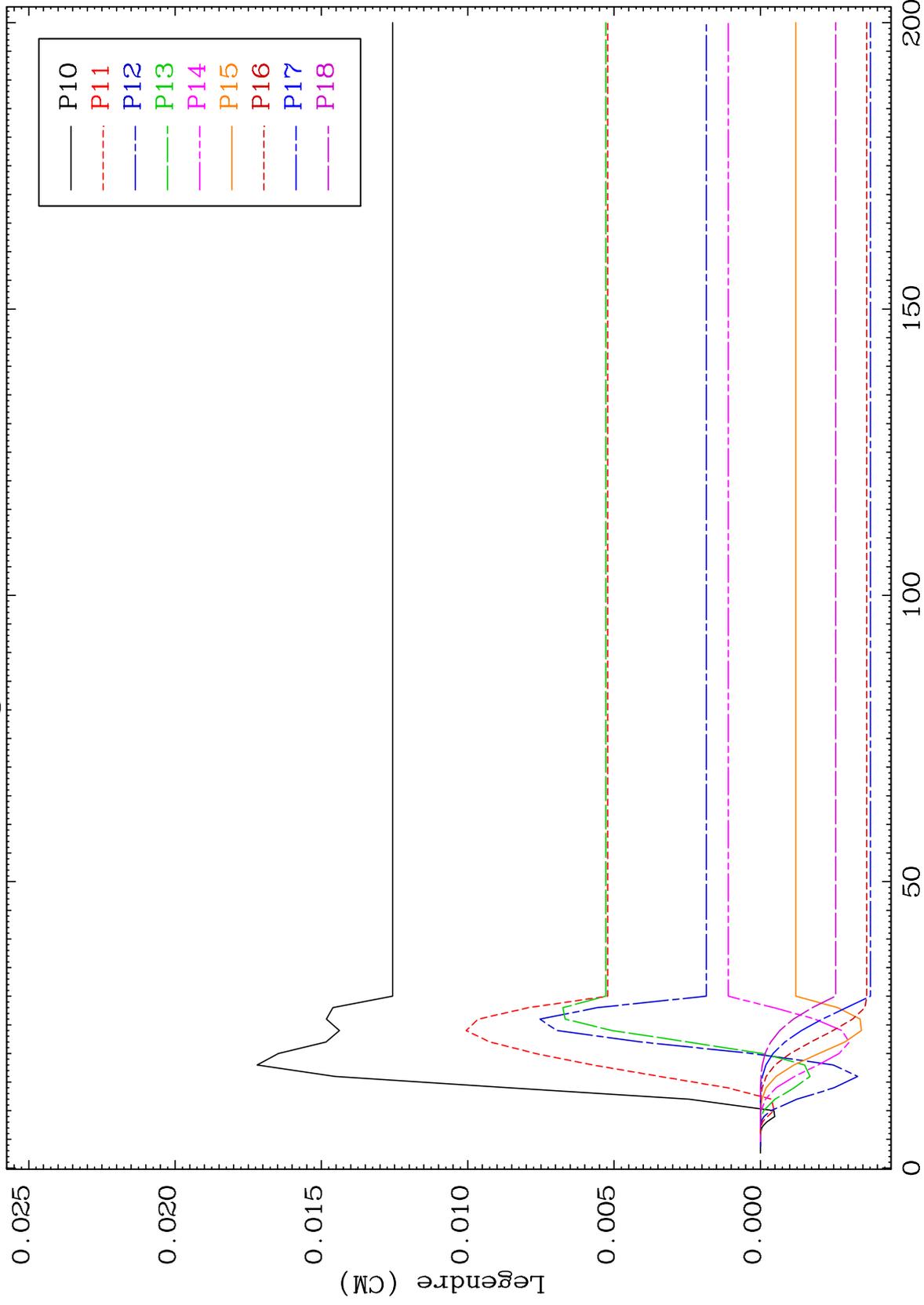
Incident Energy (MeV)

37-Rb-85

MAT 3725

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

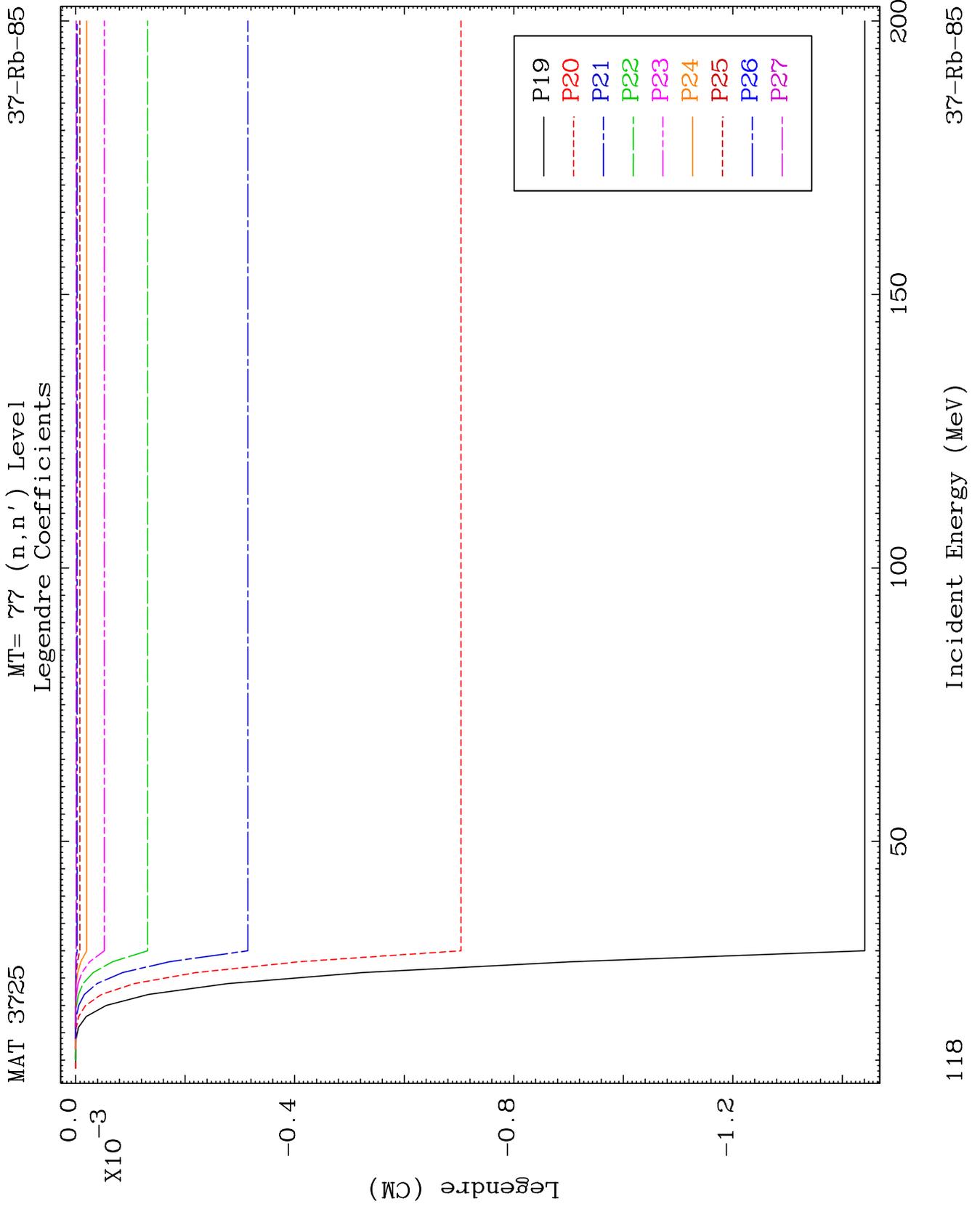
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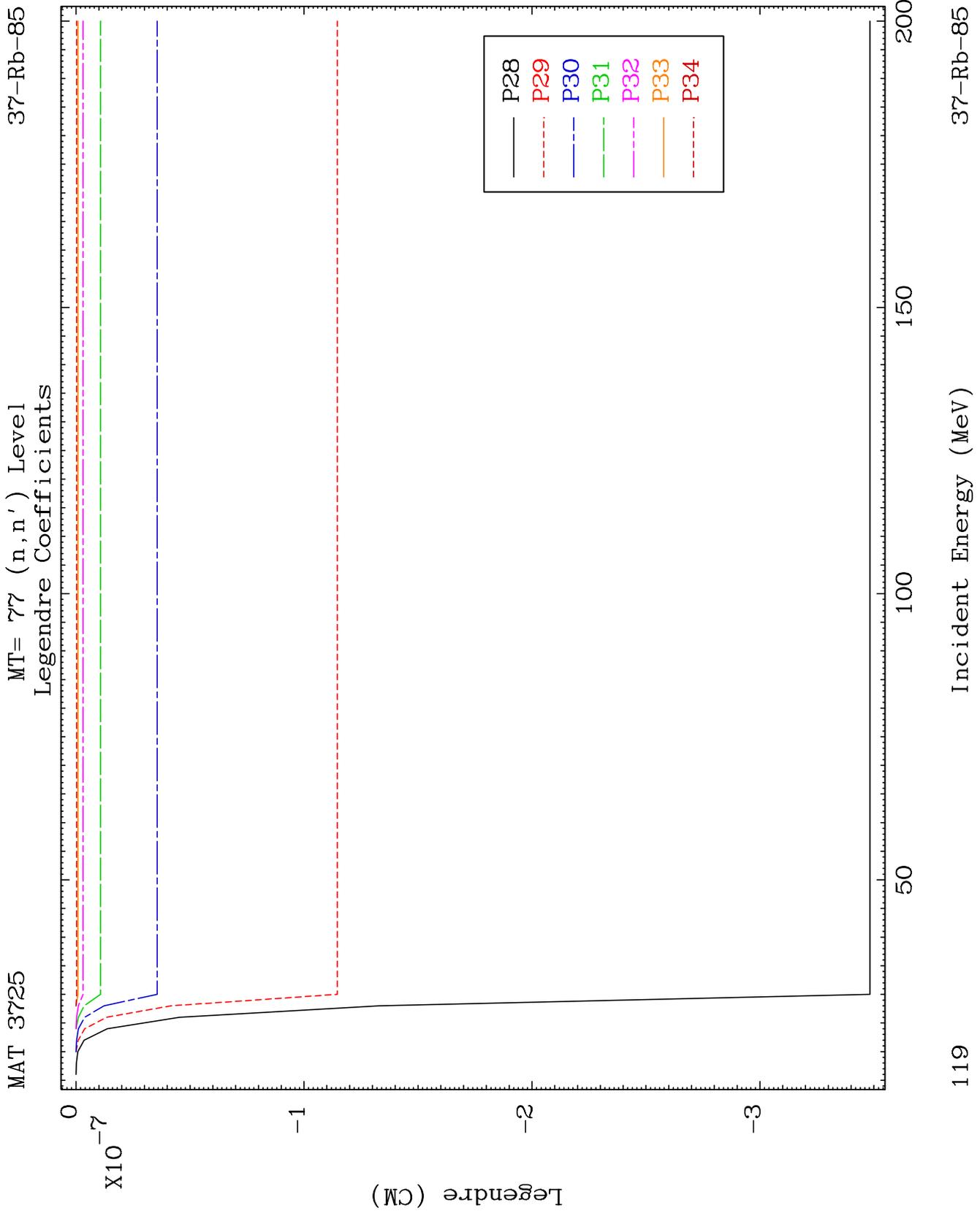


117

Incident Energy (MeV)

37-Rb-85

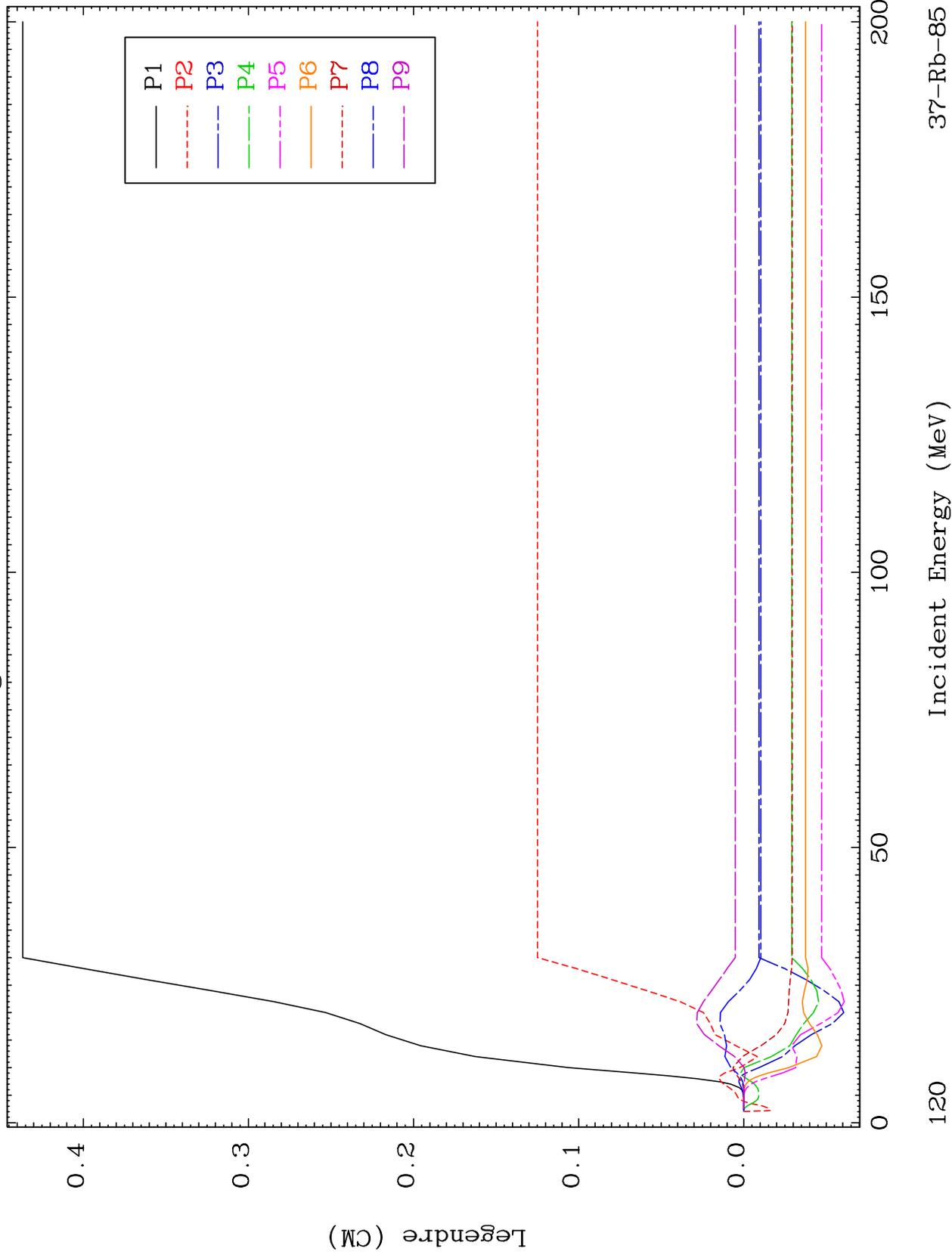




MAT 3725

MT= 78 (n,n') Level  
Legendre Coefficients

37-Rb-85

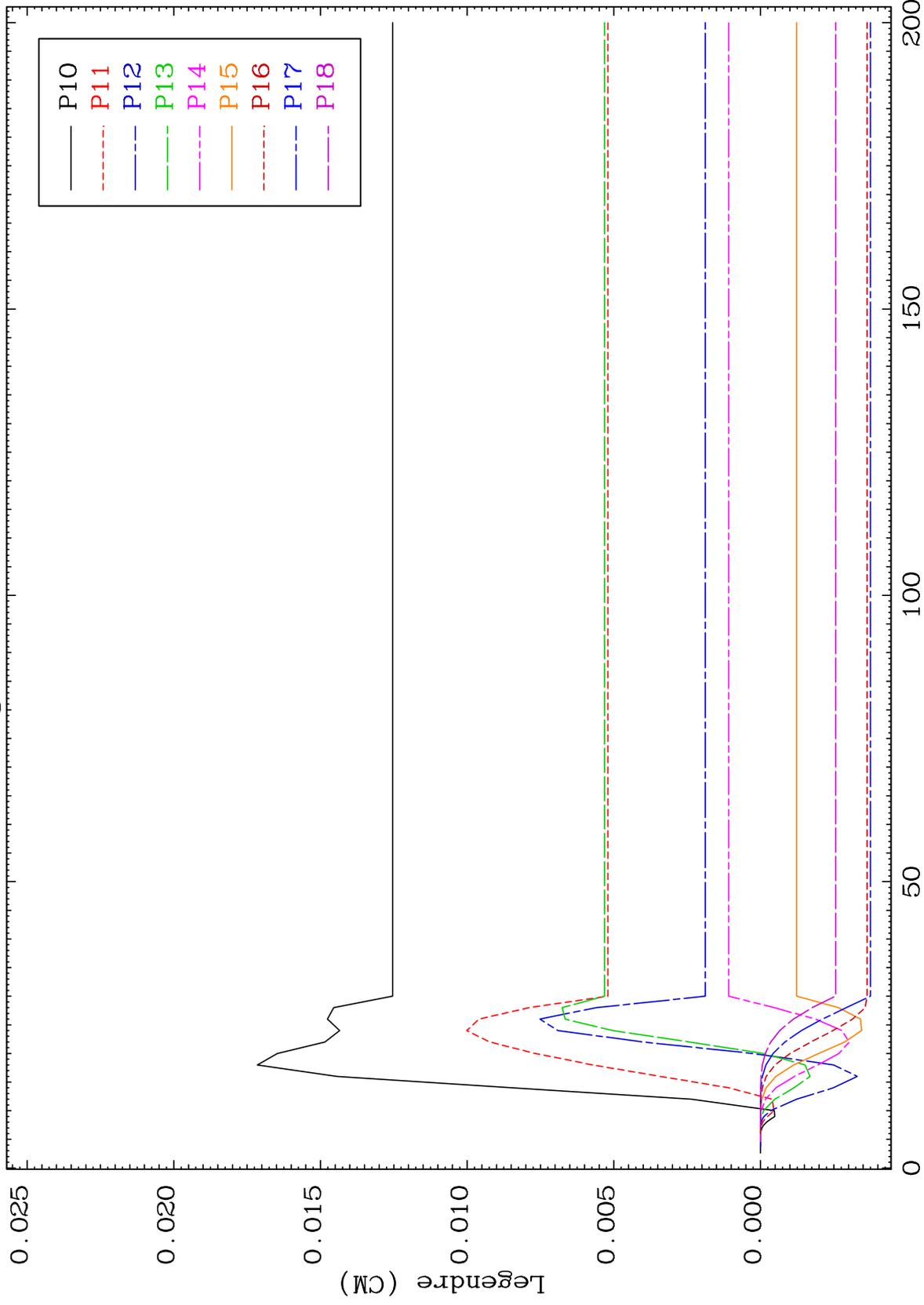


37-Rb-85

MAT 3725

MT= 78 (n,n') Level  
Legendre Coefficients

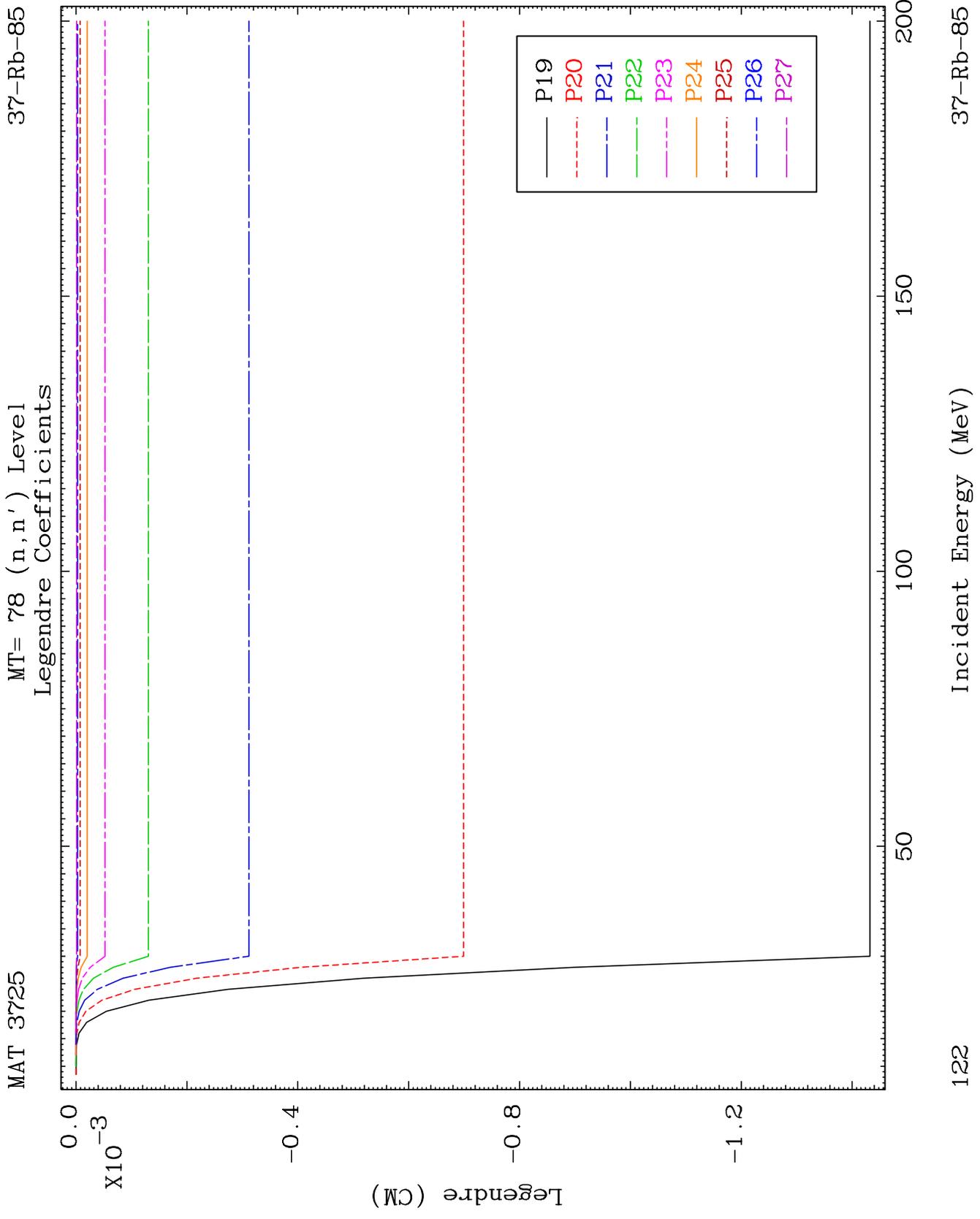
37-Rb-85

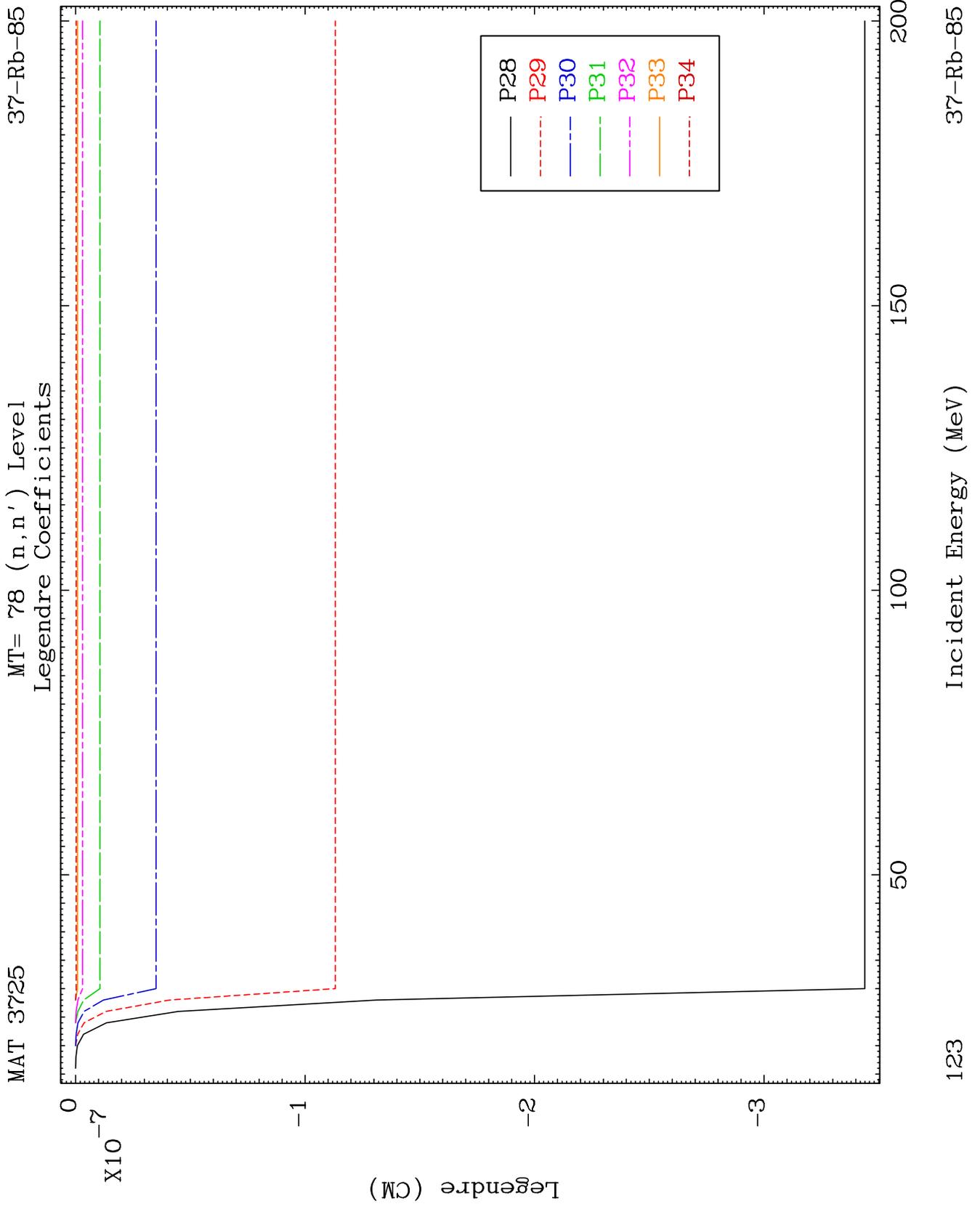


121

Incident Energy (MeV)

37-Rb-85

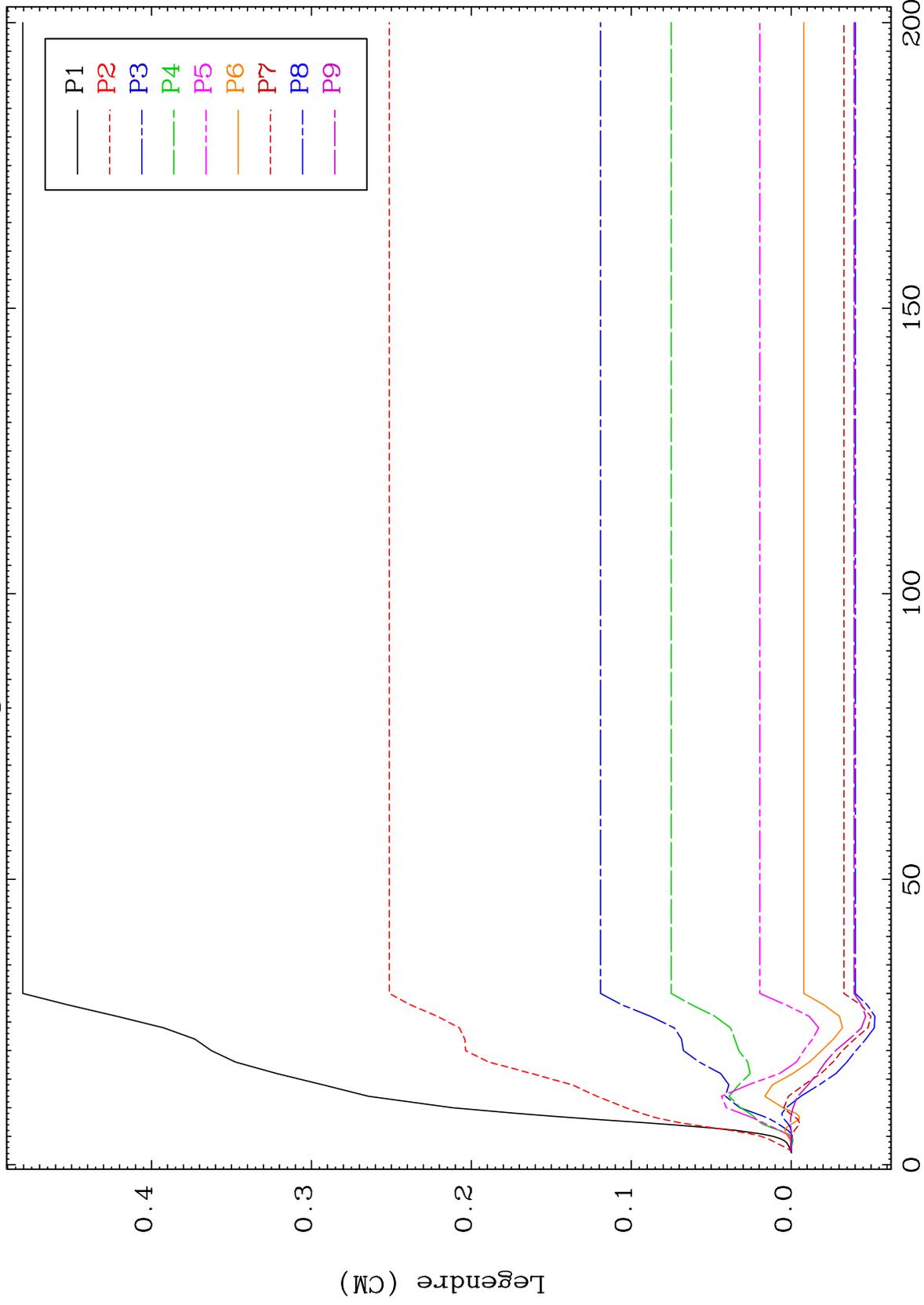




MAT 3725

MT= 79 (n,n') Level  
Legendre Coefficients

37-Rb-85



124

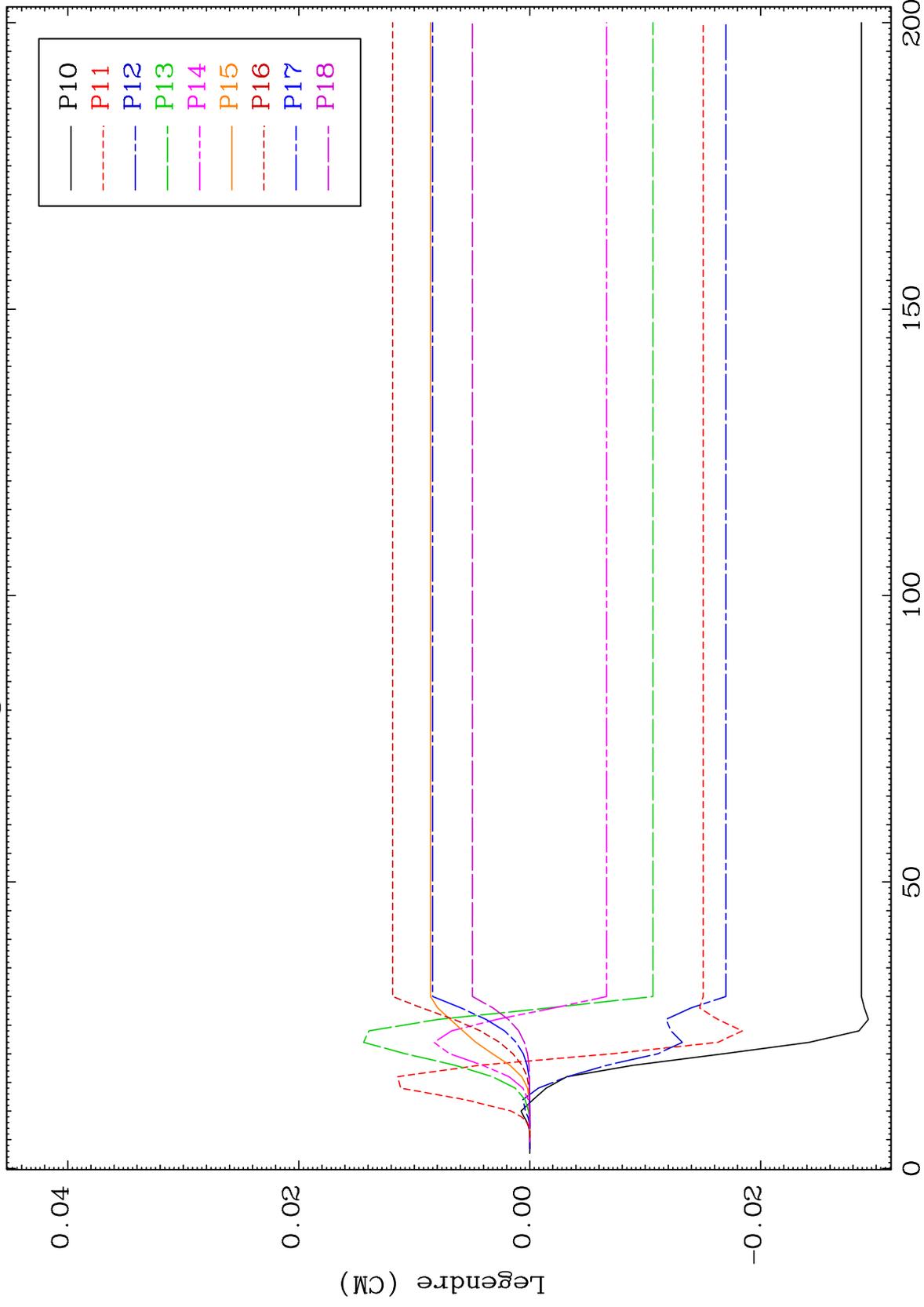
Incident Energy (MeV)

37-Rb-85

MAT 3725

MT= 79 (n,n') Level  
Legendre Coefficients

37-Rb-85



125

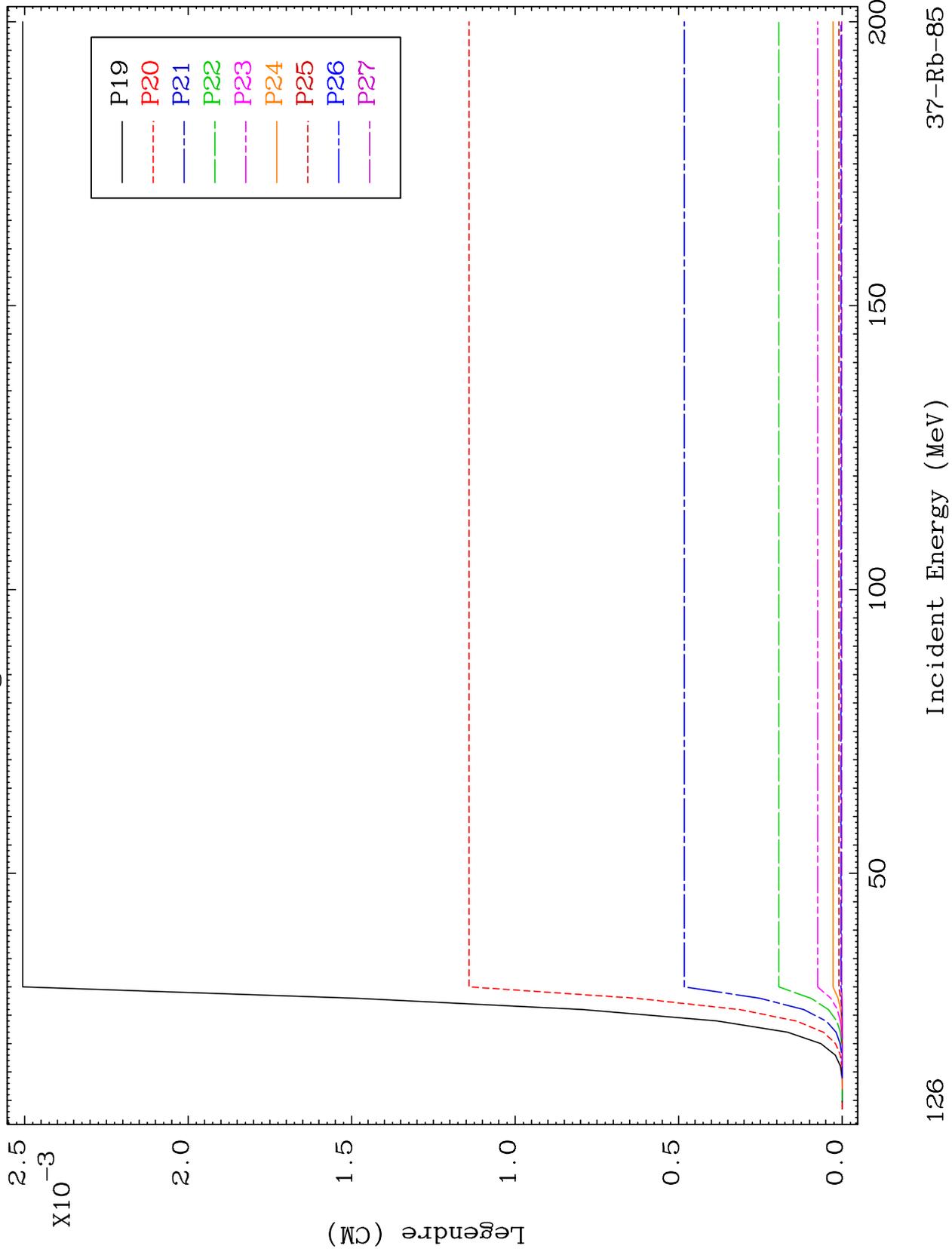
Incident Energy (MeV)

37-Rb-85

MAT 3725

MT= 79 (n,n') Level  
Legendre Coefficients

37-Rb-85



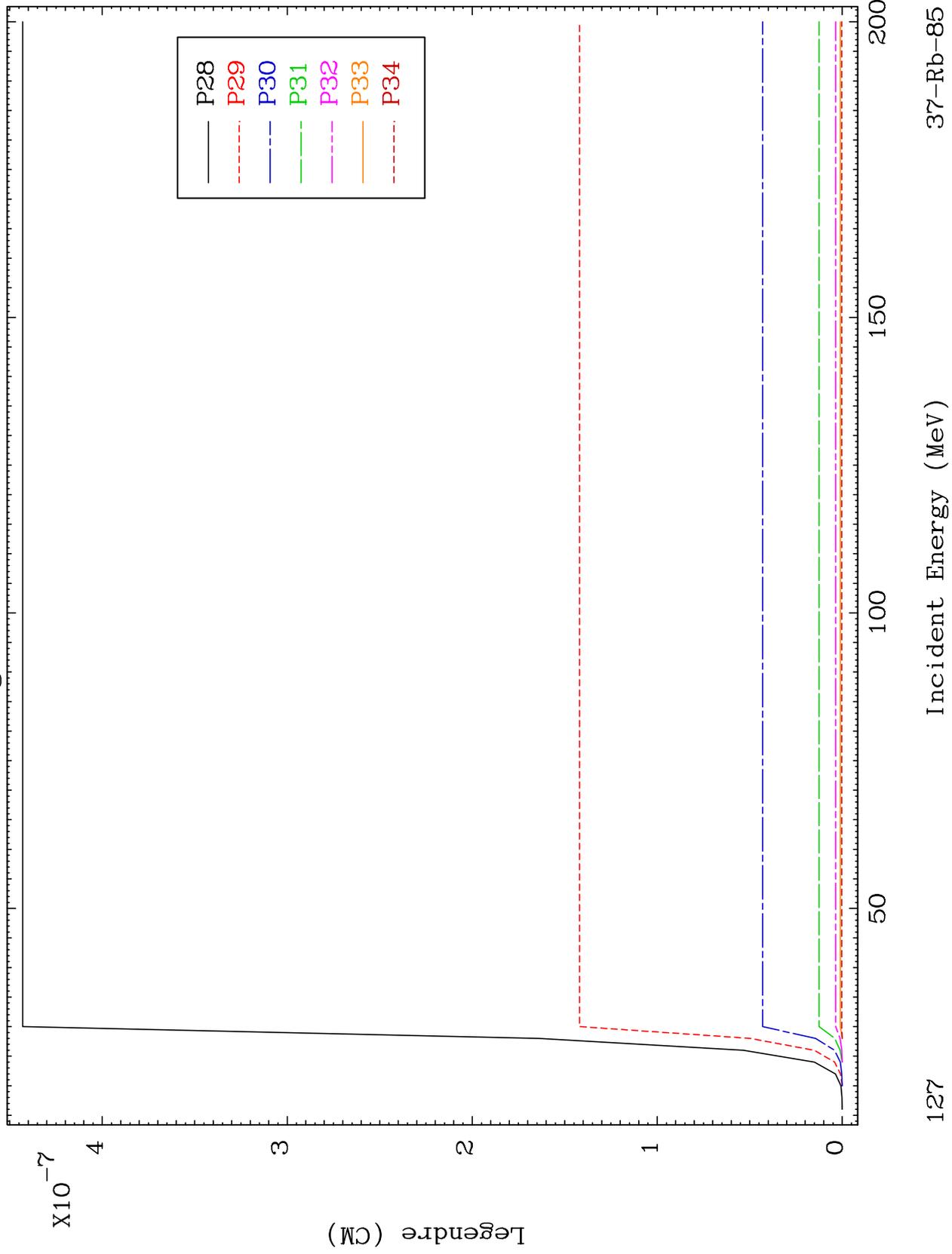
126

37-Rb-85

MAT 3725

MT= 79 (n,n') Level  
Legendre Coefficients

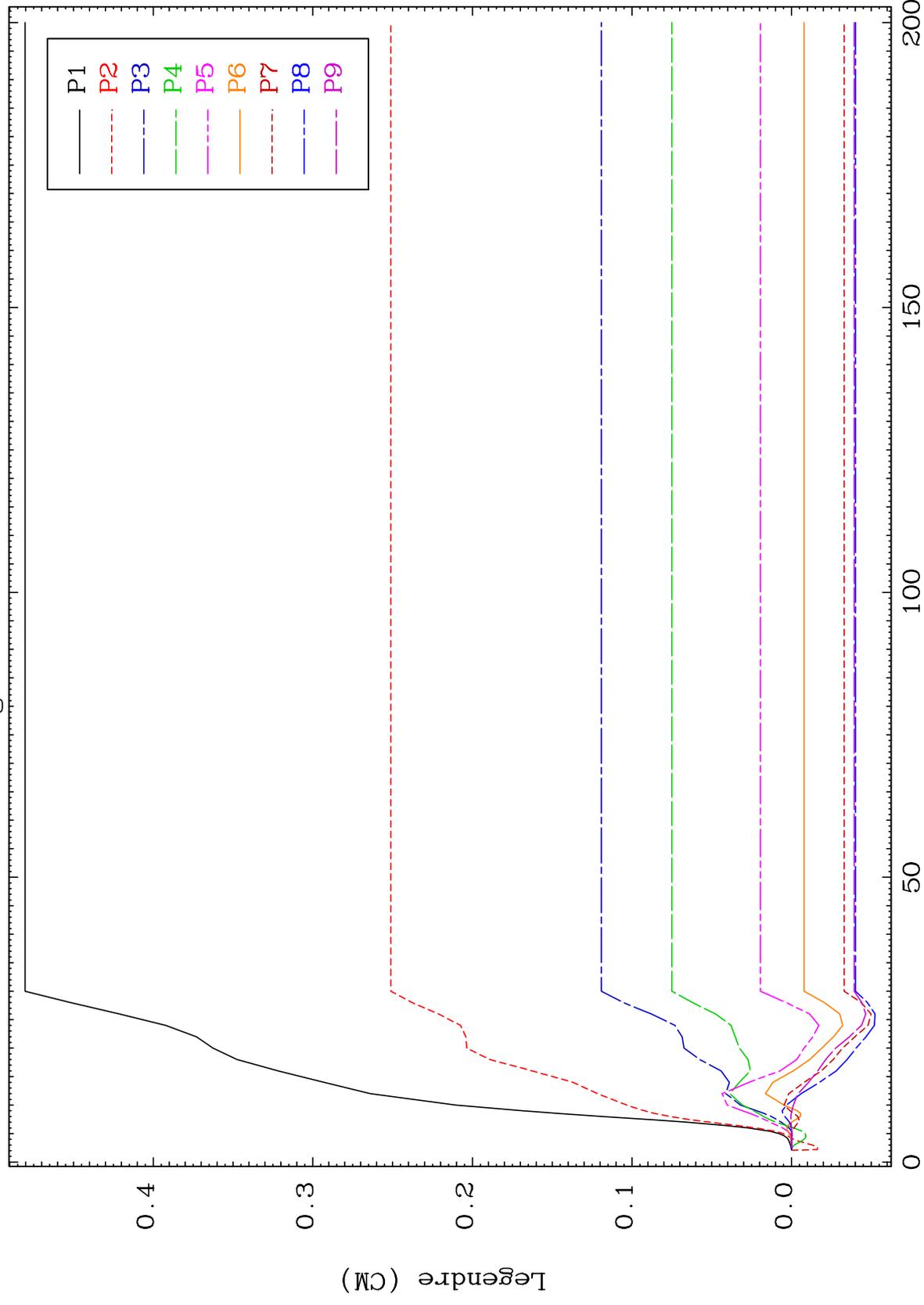
37-Rb-85



MAT 3725

MT= 80 (n,n') Level  
Legendre Coefficients

37-Rb-85



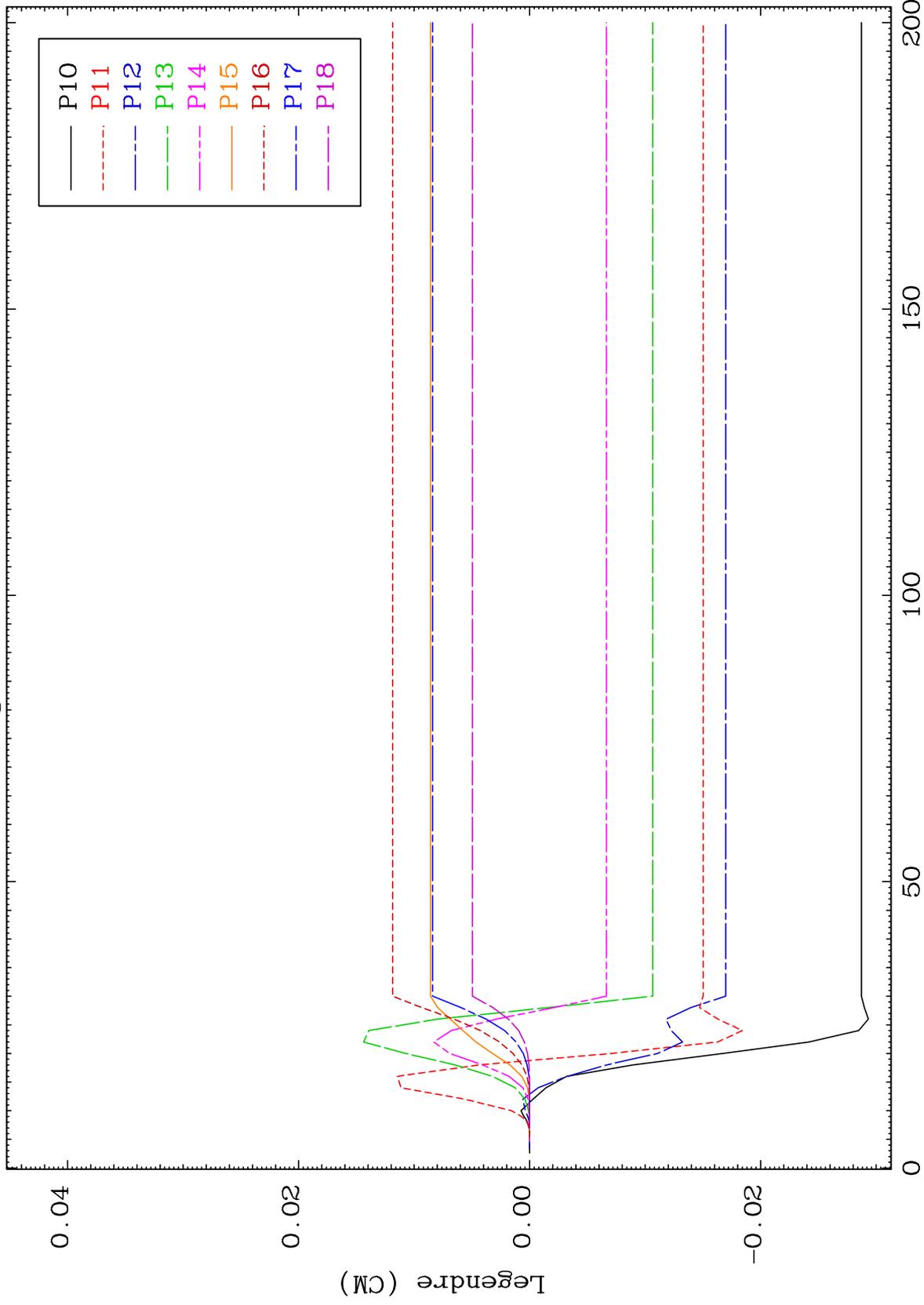
128

37-Rb-85

MAT 3725

MT= 80 (n,n') Level  
Legendre Coefficients

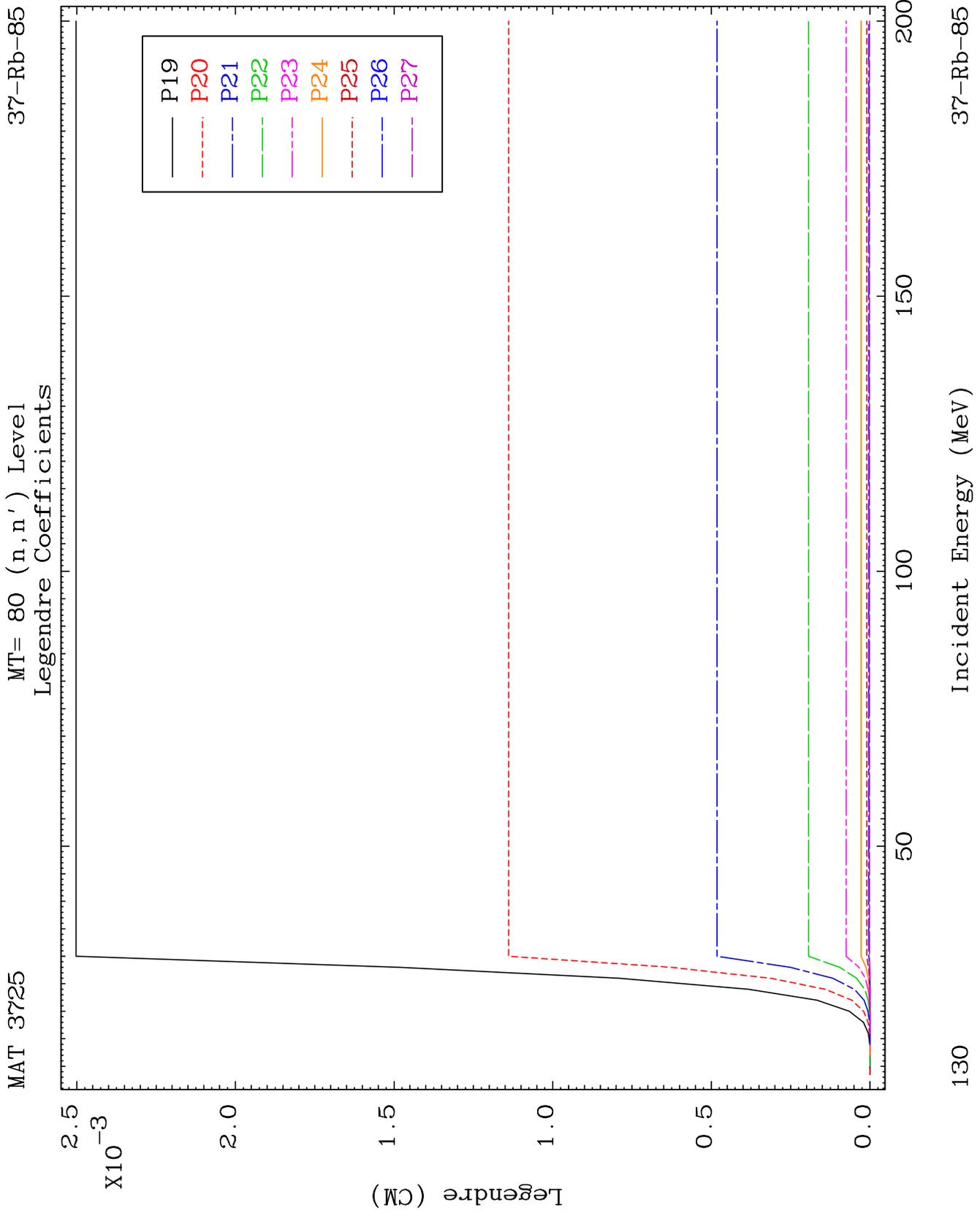
37-Rb-85



129

Incident Energy (MeV)

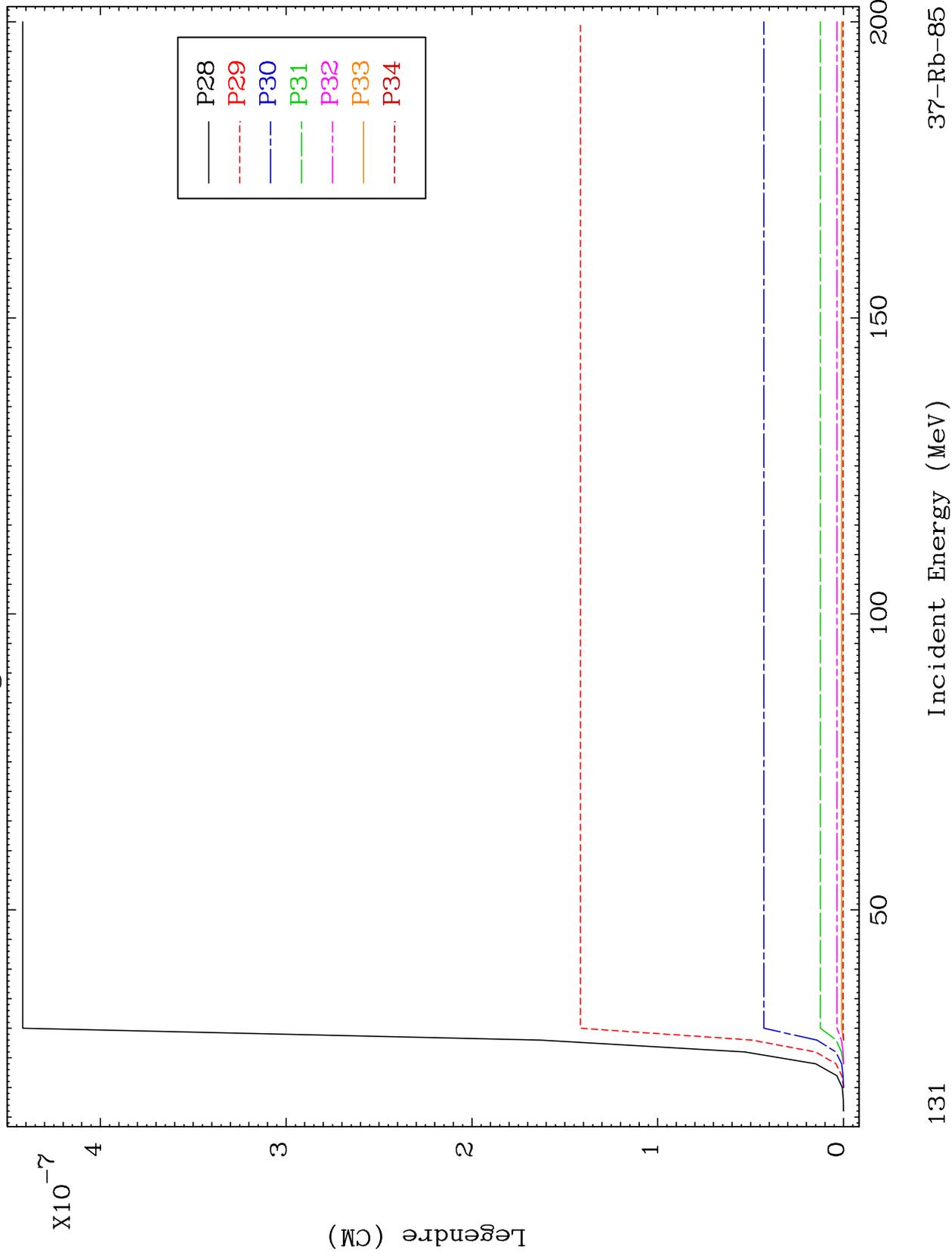
37-Rb-85



MAT 3725

MT= 80 (n,n') Level  
Legendre Coefficients

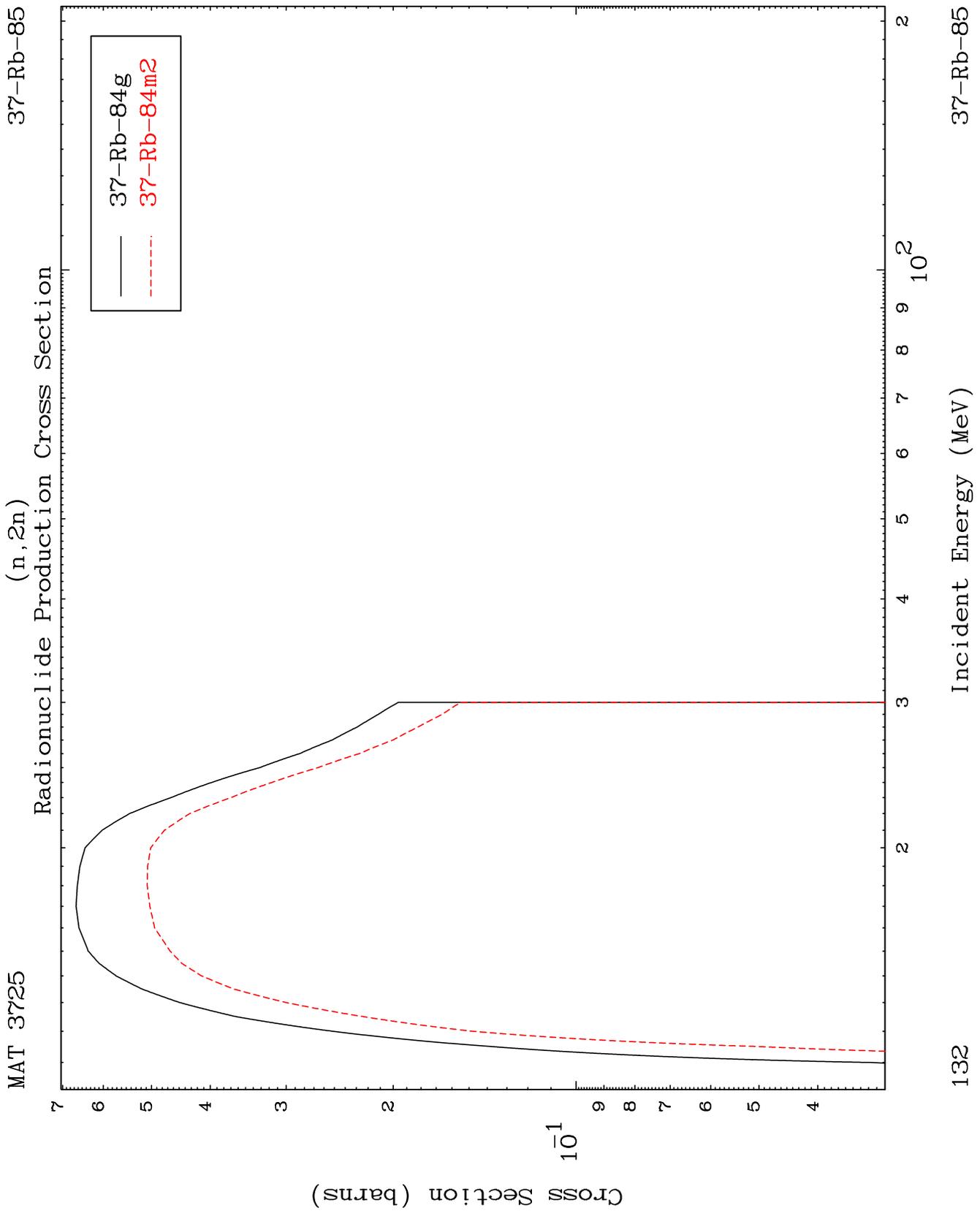
37-Rb-85



131

Incident Energy (MeV)

37-Rb-85

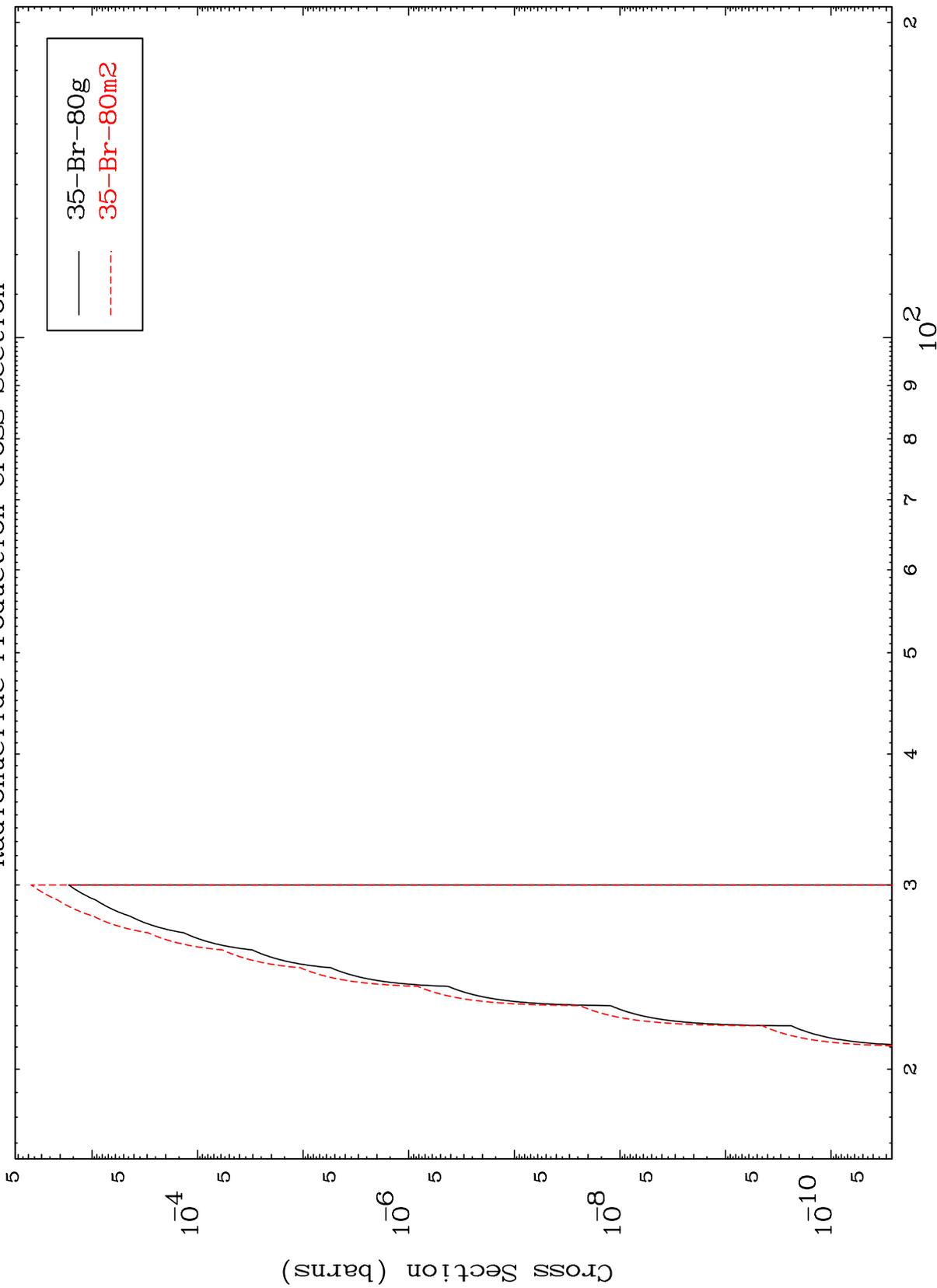


MAT 3725

$(n,2n) \alpha$

37-Rb-85

Radionuclide Production Cross Section

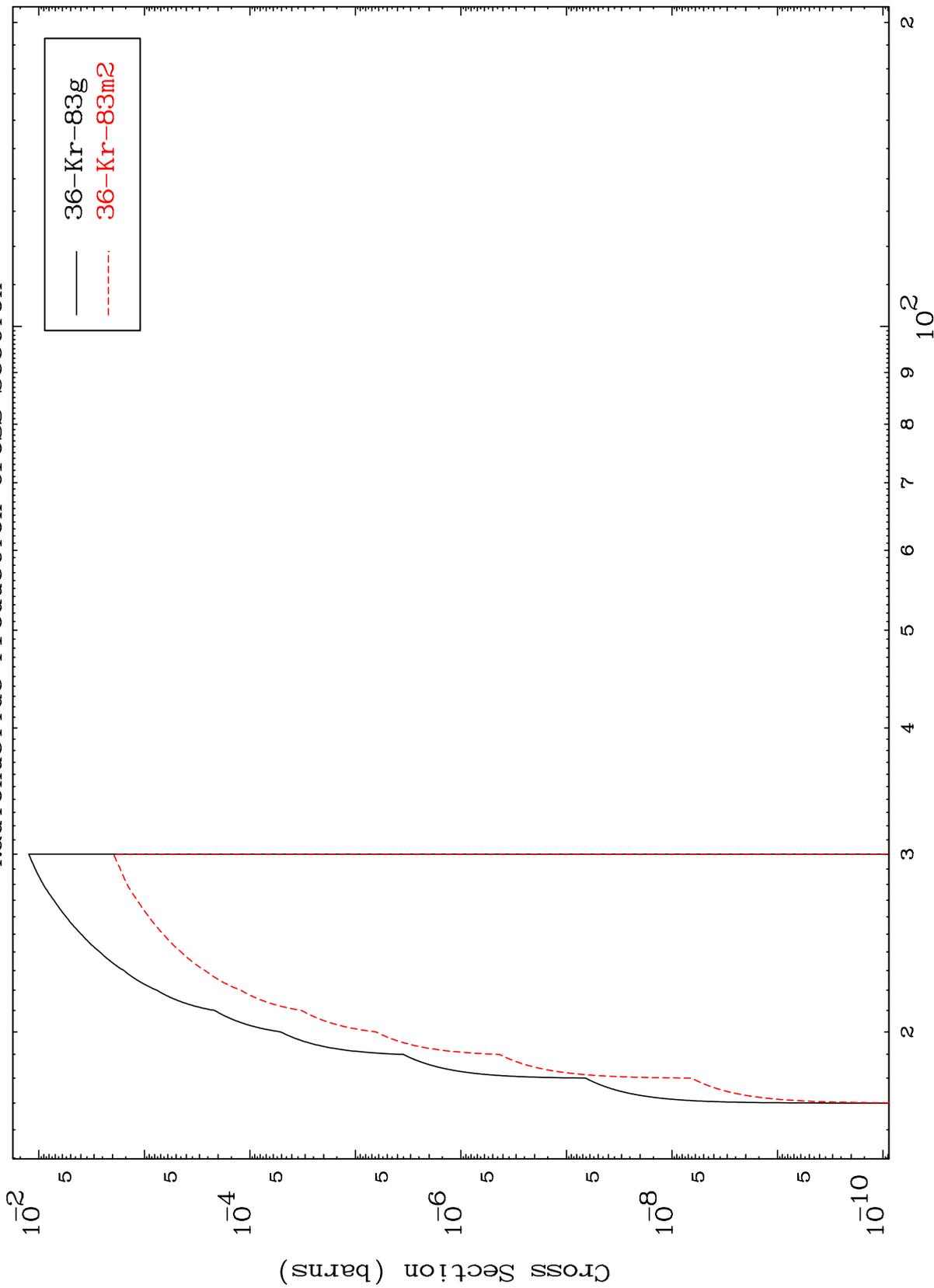


133

Incident Energy (MeV)

37-Rb-85

(n,n') d  
Radionuclide Production Cross Section



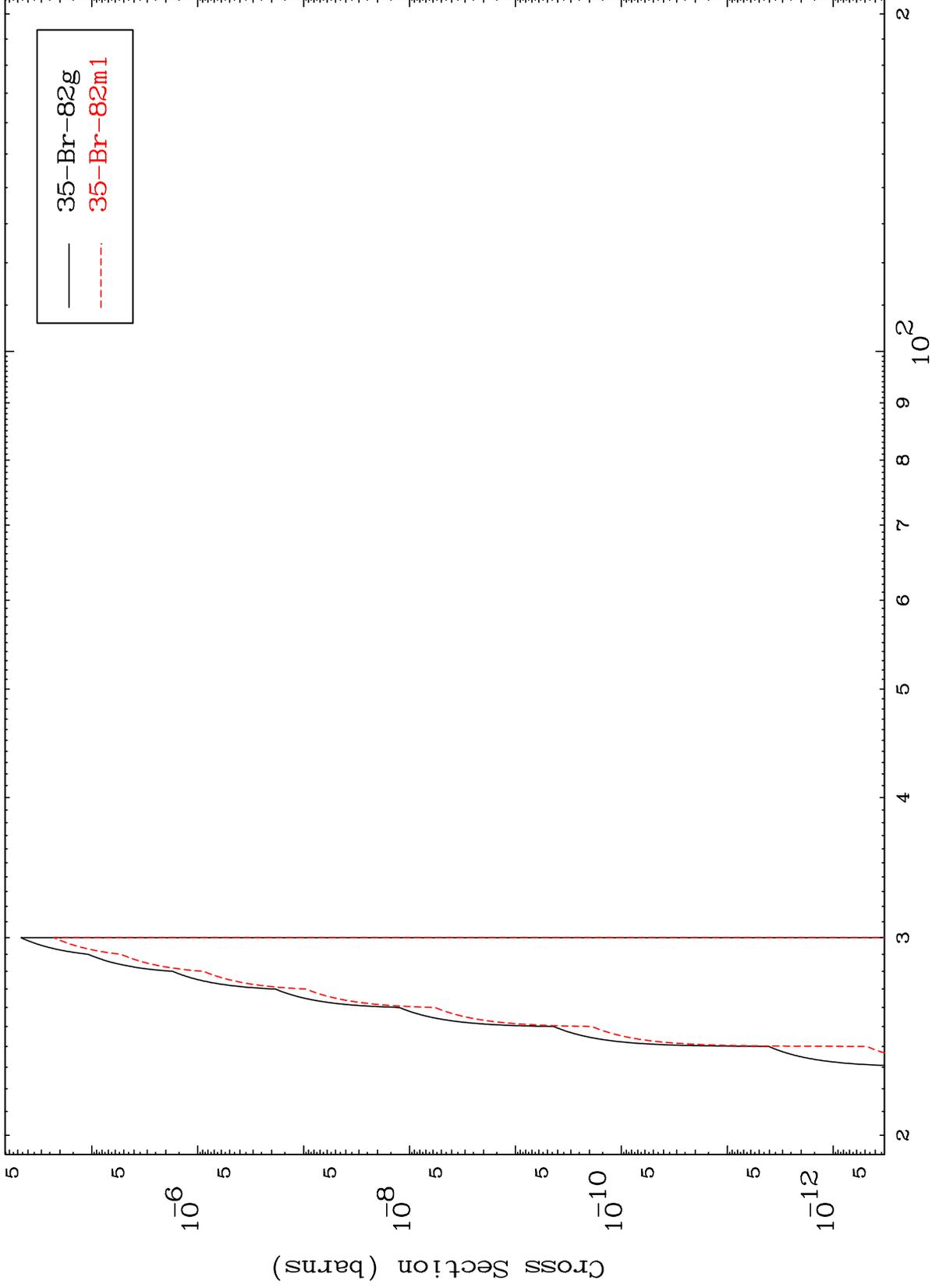
36-Kr-83g  
36-Kr-83m2

MAT 3725

(n,n') He-3

37-Rb-85

Radionuclide Production Cross Section

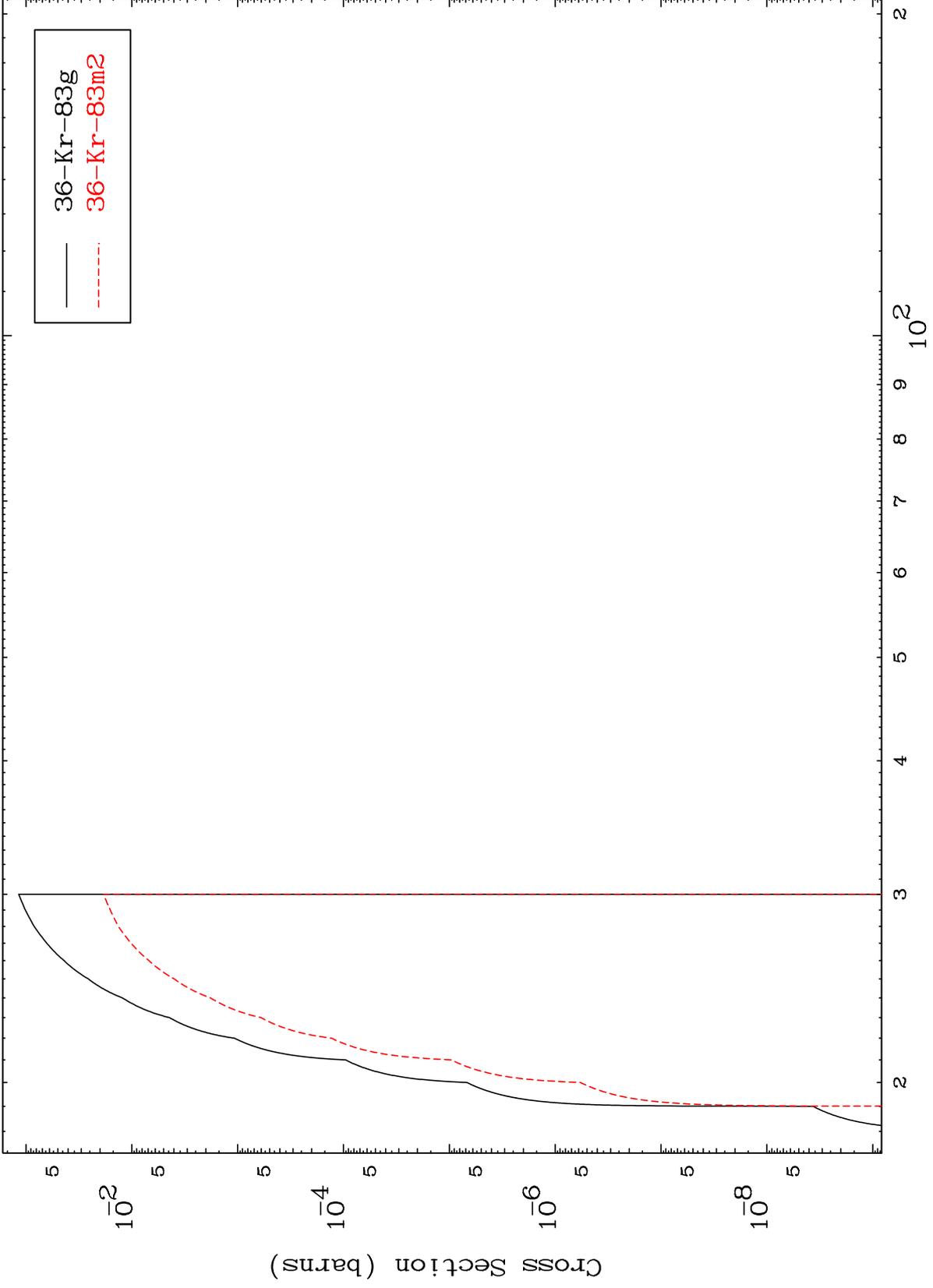


135

Incident Energy (MeV)

37-Rb-85

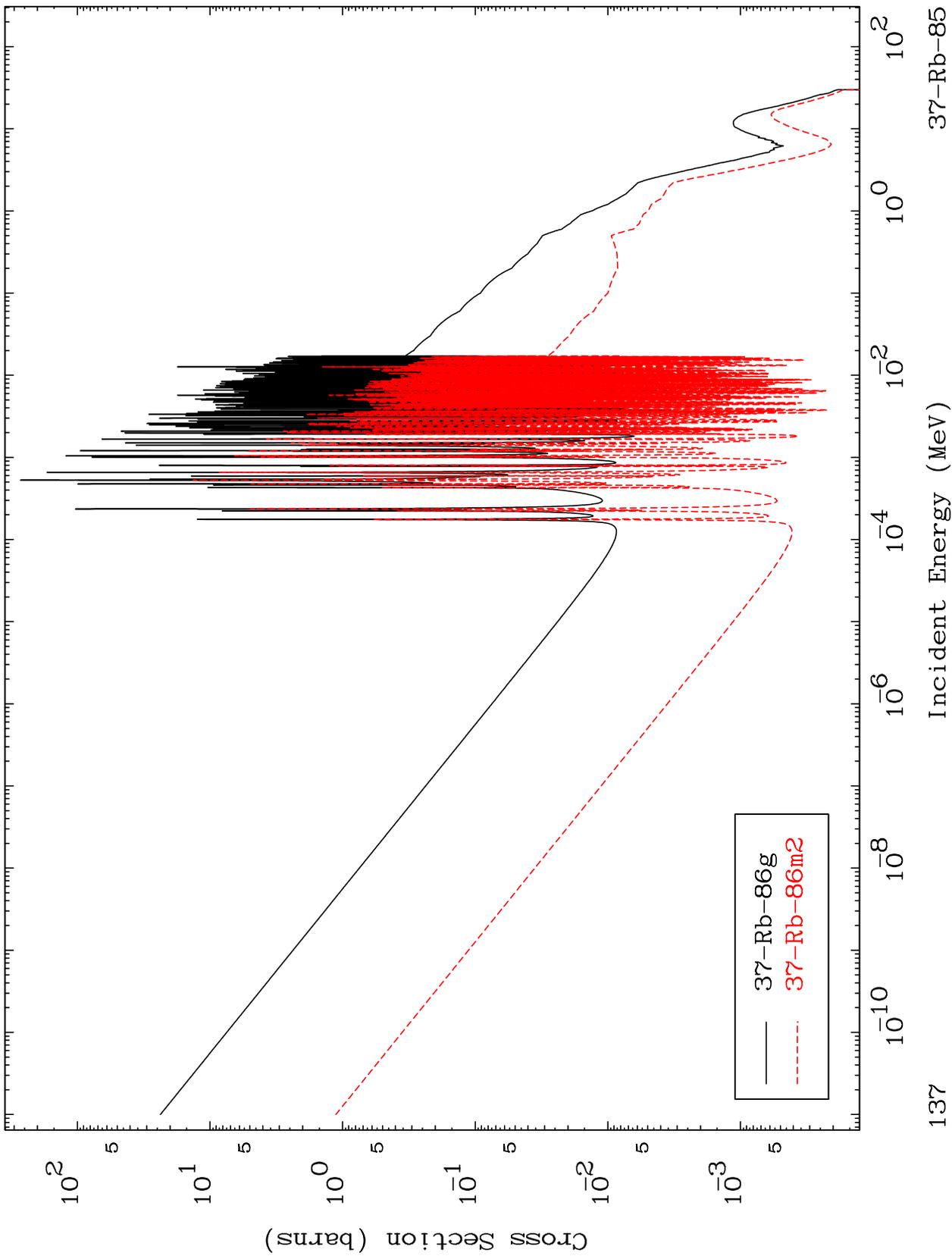
Radionuclide Production Cross Section



MAT 3725

37-Rb-85

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

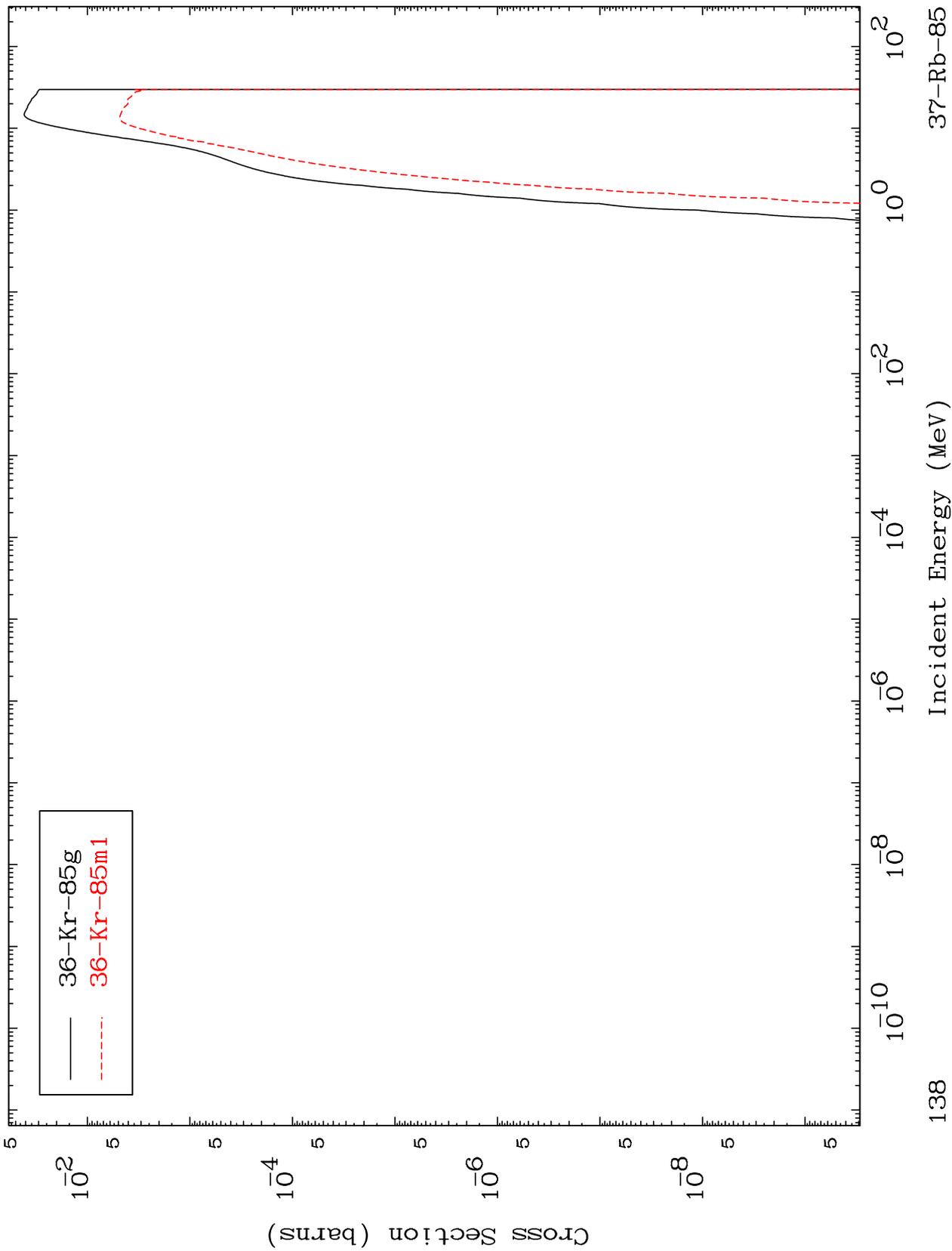


137

MAT 3725

(n,p)  
Radionuclide Production Cross Section

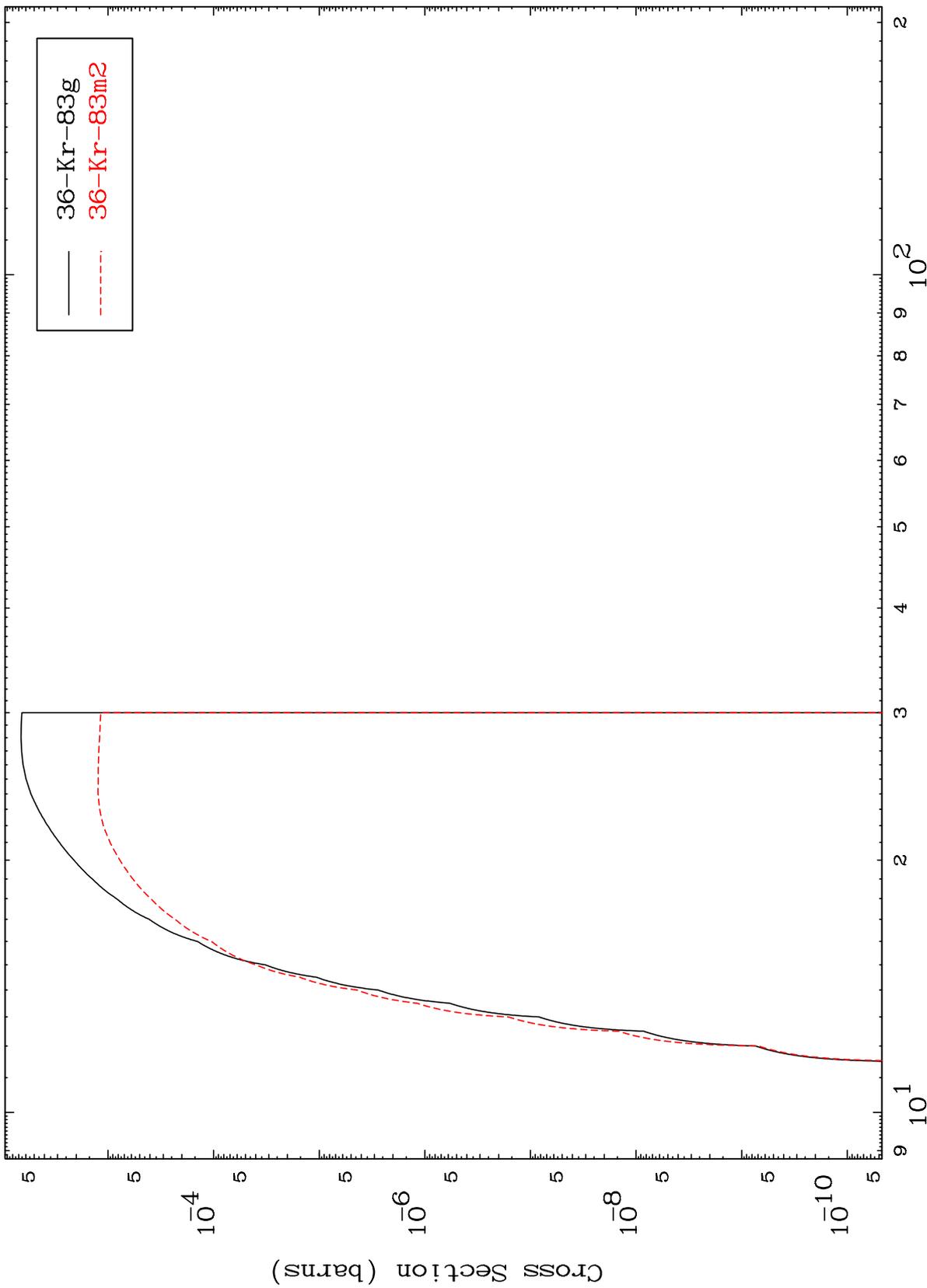
<sup>37</sup>Rb-85



MAT 3725

37-Rb-85

(n,t)  
Radionuclide Production Cross Section



139

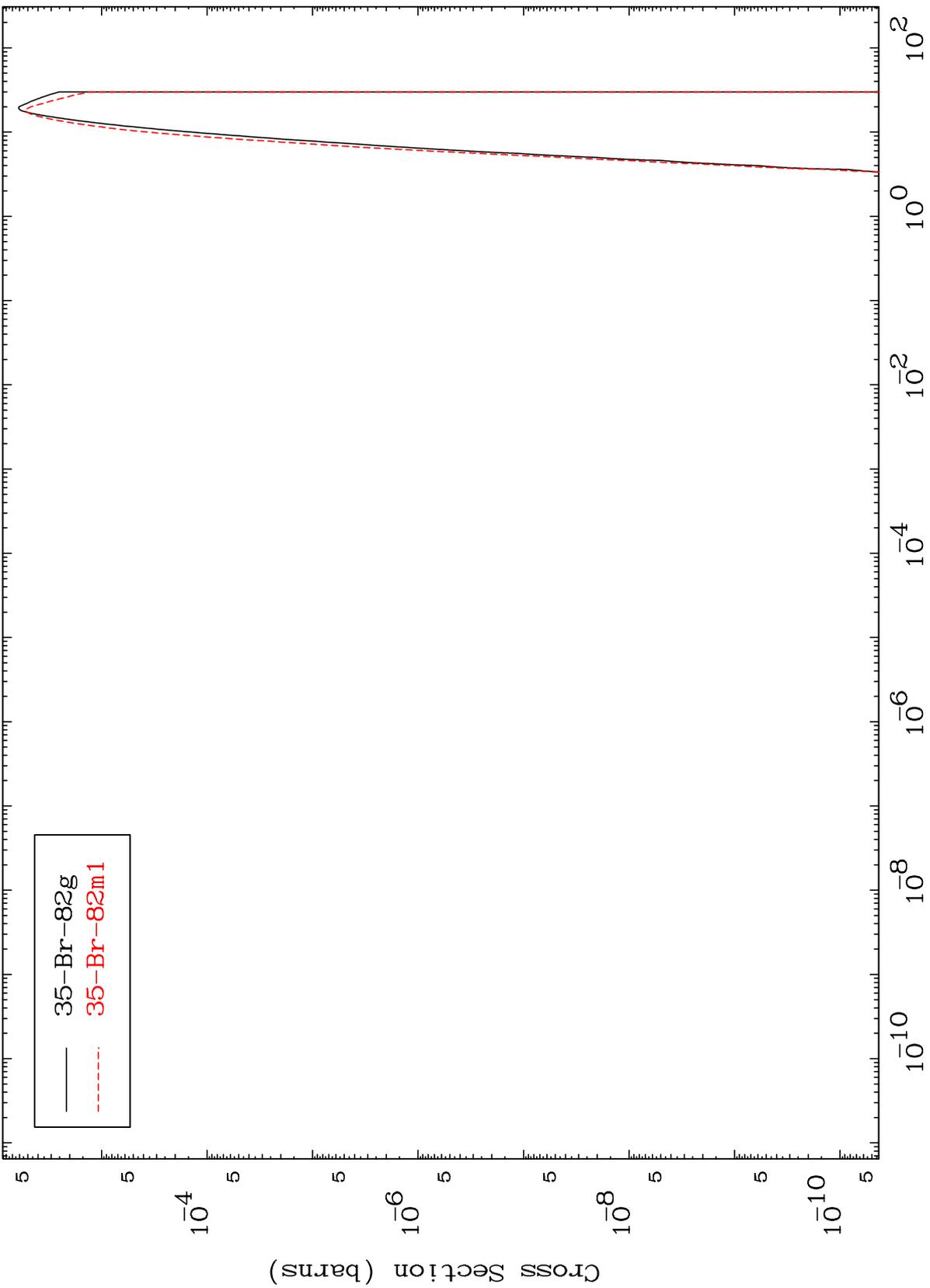
Incident Energy (MeV)

37-Rb-85

MAT 3725

37-Rb-85

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



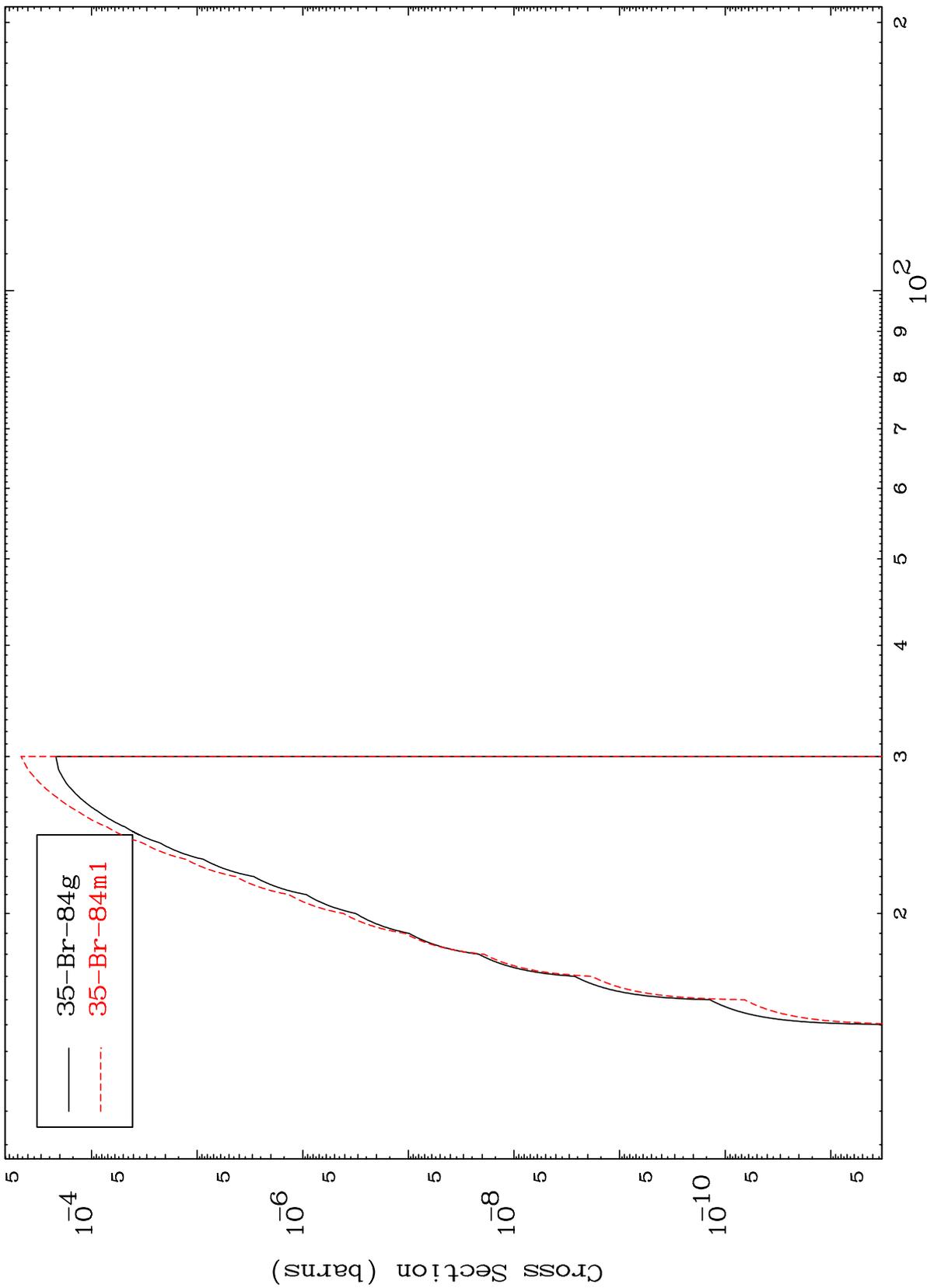
140

37-Rb-85

MAT 3725

37-Rb-85

(n,2p)  
Radionuclide Production Cross Section



141

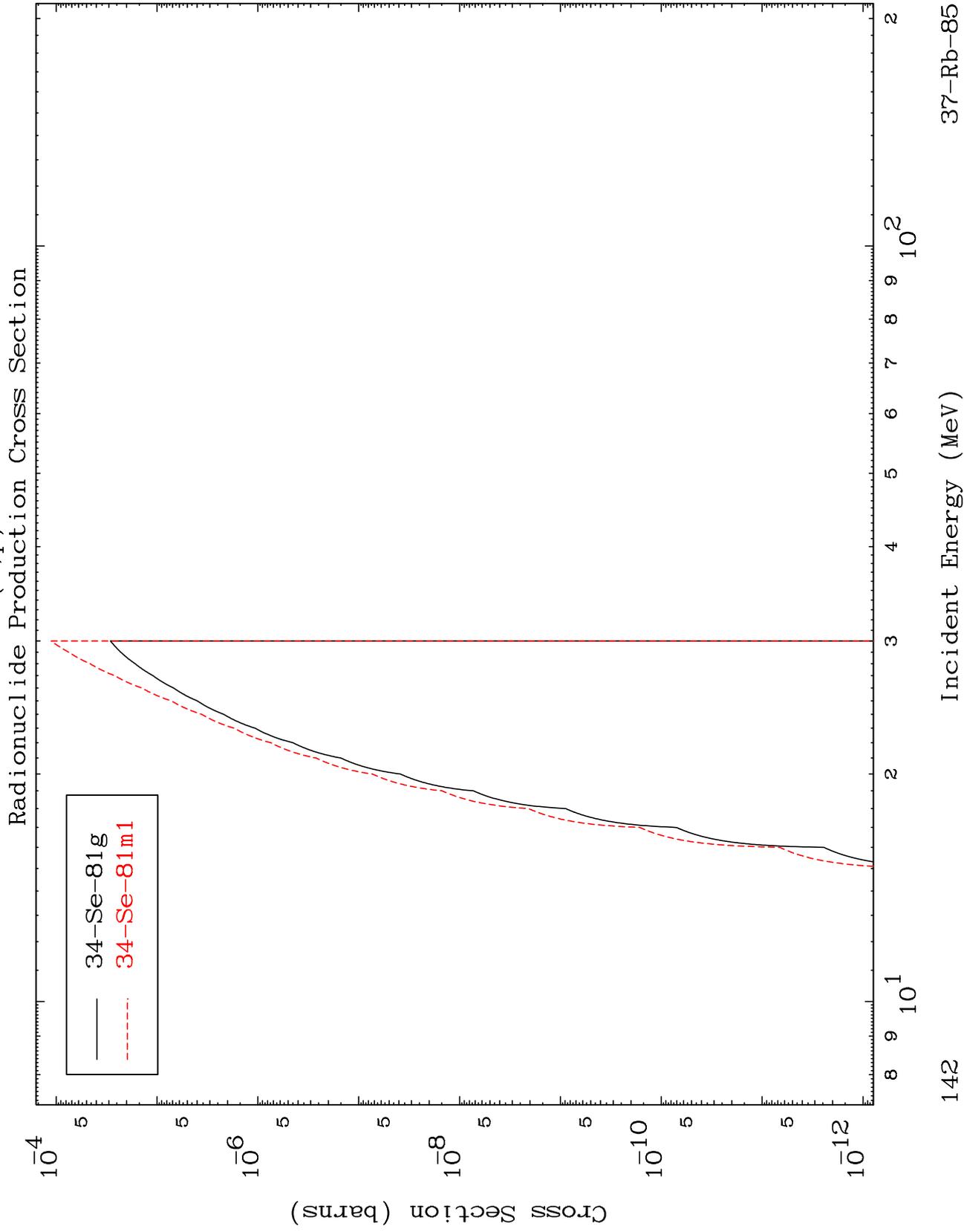
Incident Energy (MeV)

37-Rb-85

MAT 3725

(n,p)  $\alpha$

$^{37}\text{Rb-85}$



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Radionuclide Production Cross Section

