

Program EVALPLOT  
(Version 2017-1)

by

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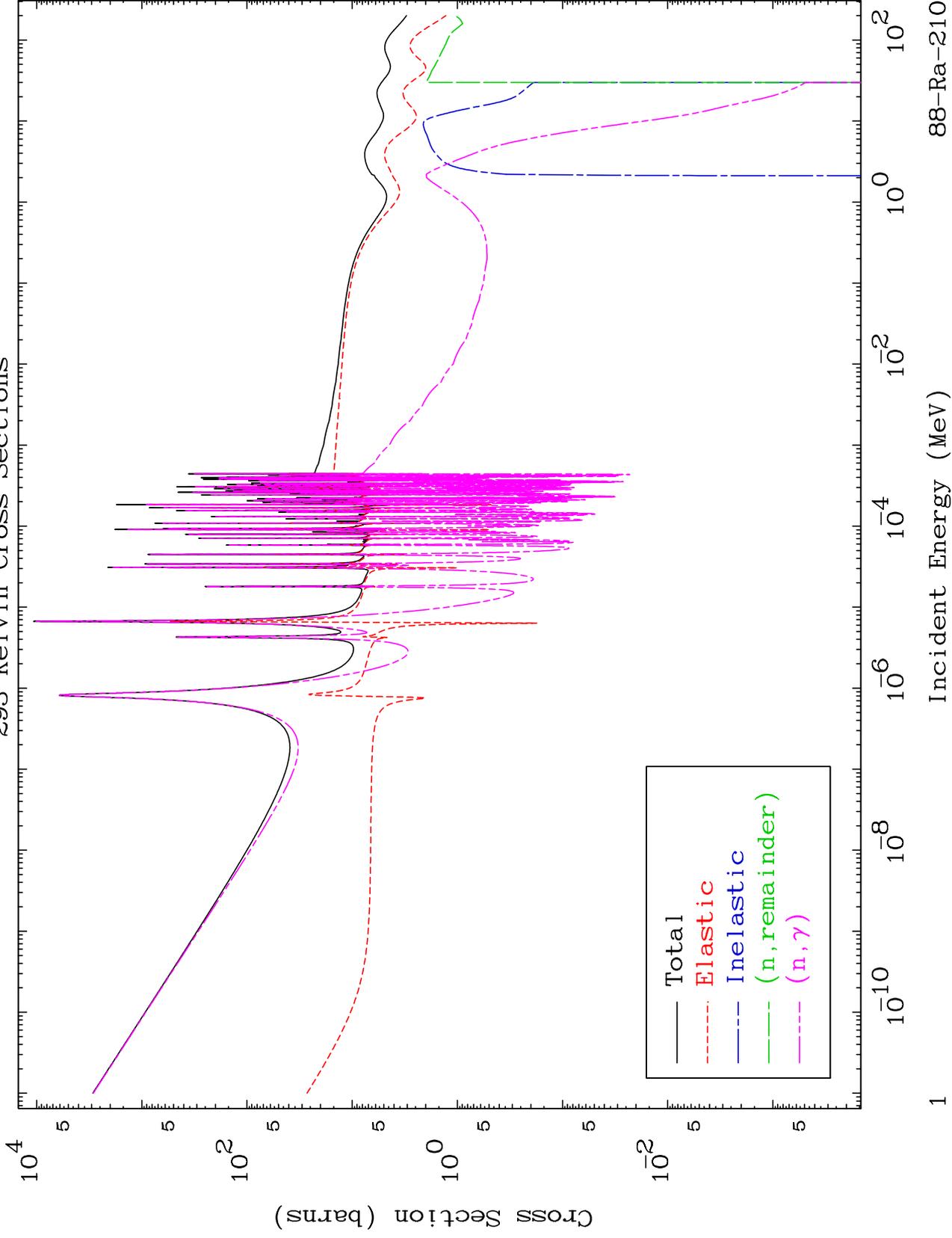
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Press Mouse Button to Start

MAT 8786

Major  
293 Kelvin Cross Sections

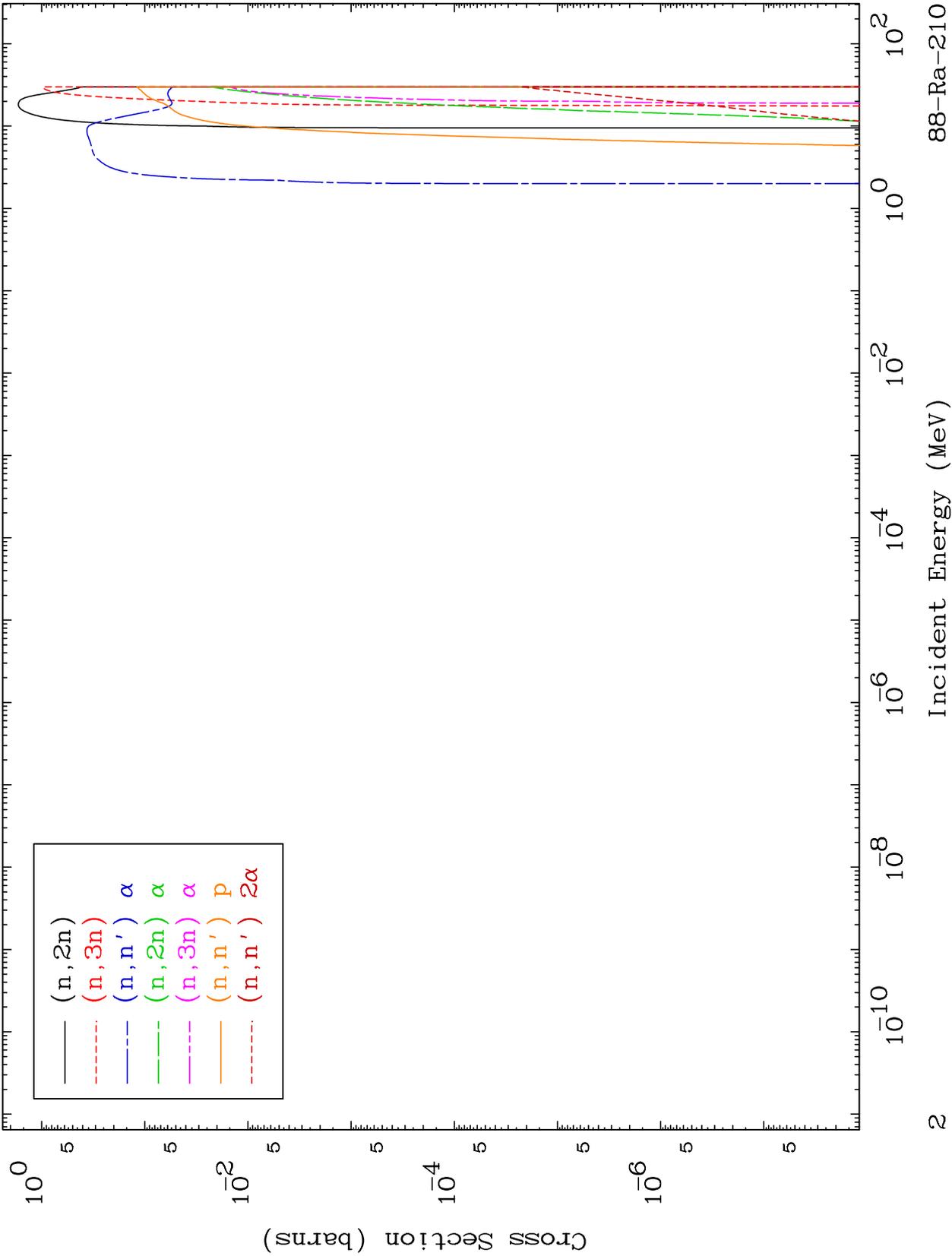
88-Ra-210



MAT 8786

Neutron Production  
293 Kelvin Cross Sections

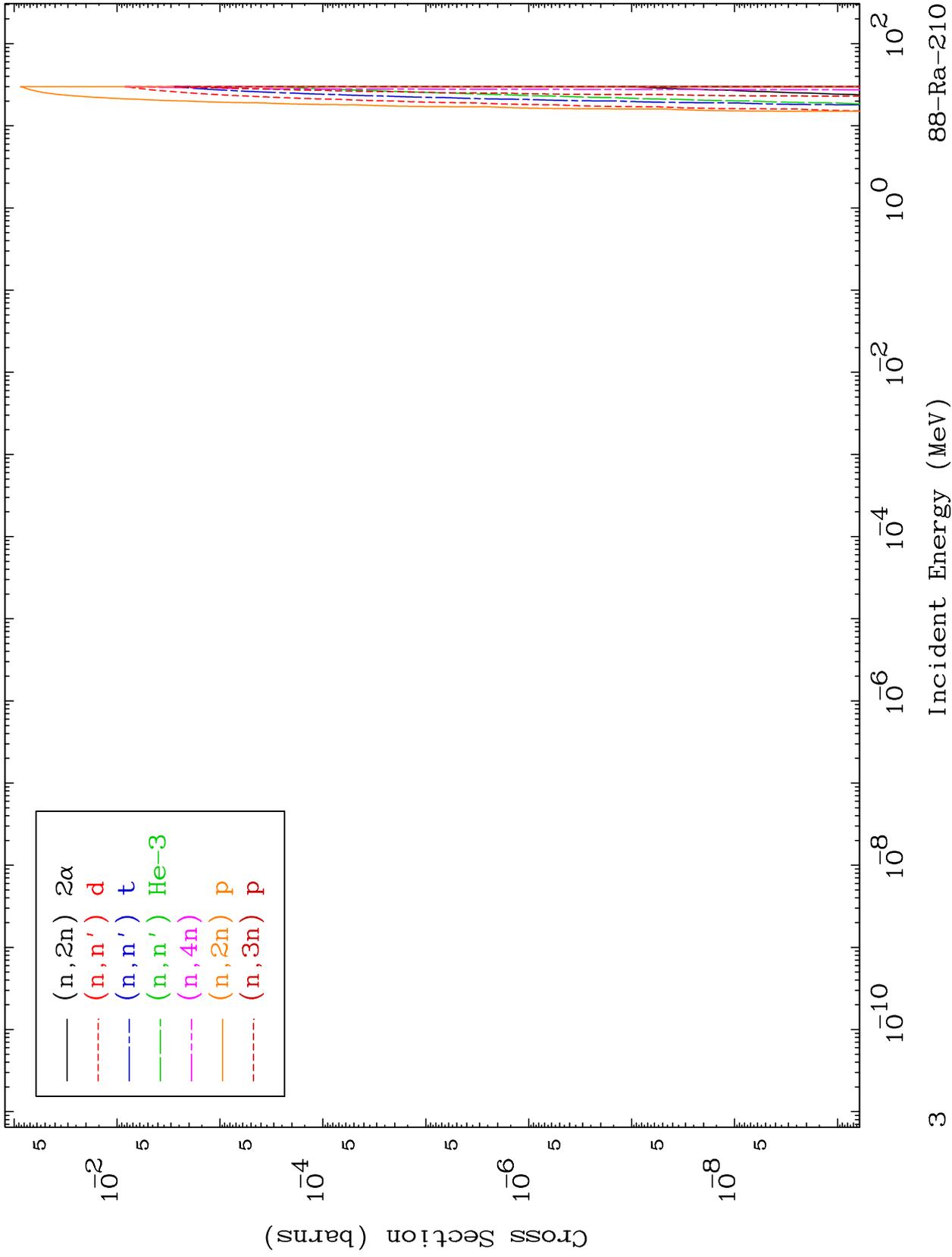
88-Ra-210



MAT 8786

Neutron Production  
293 Kelvin Cross Sections

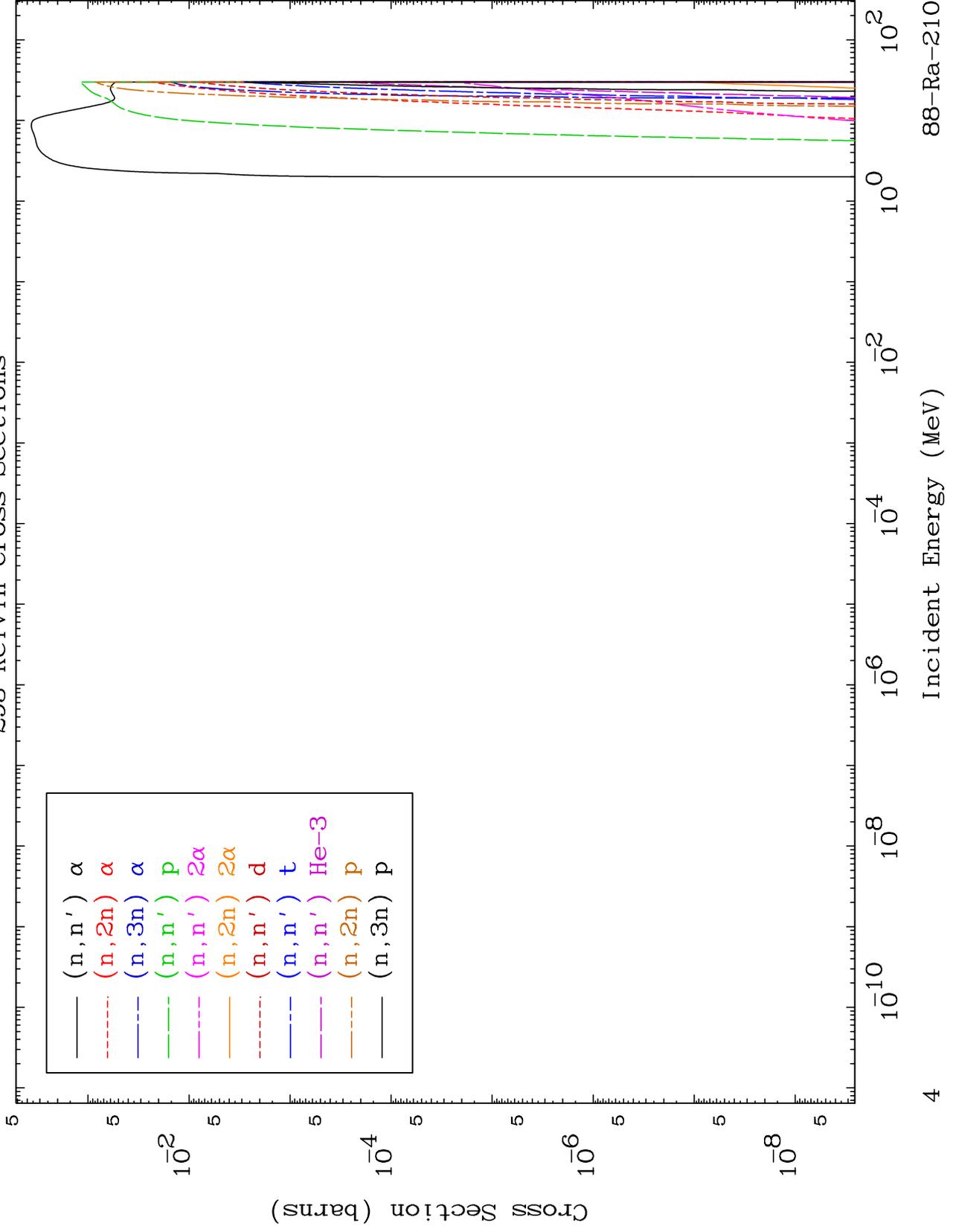
88-Ra-210



MAT 8786

Charged Particle  
293 Kelvin Cross Sections

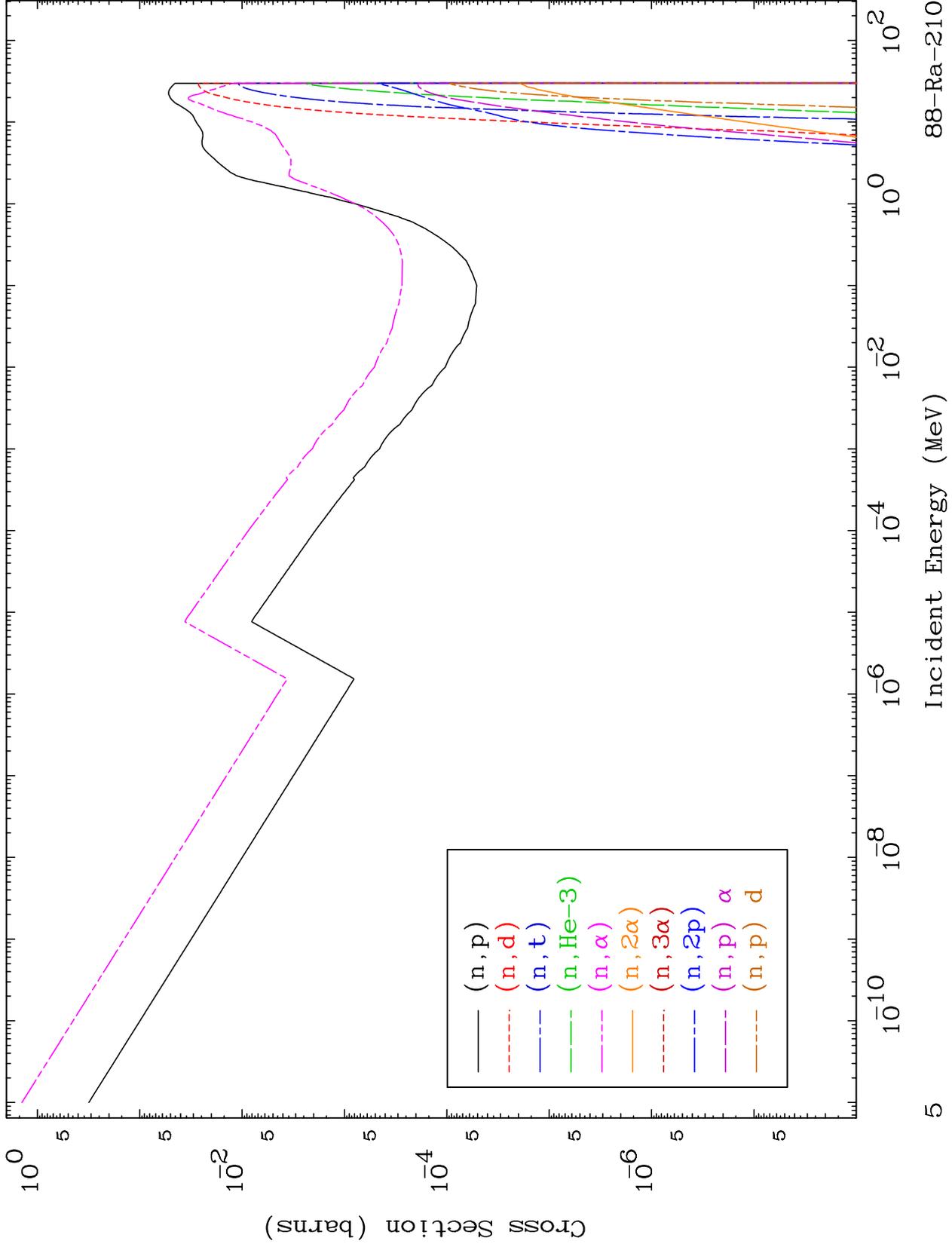
88-Ra-210



MAT 8786

Charged Particle  
293 Kelvin Cross Sections

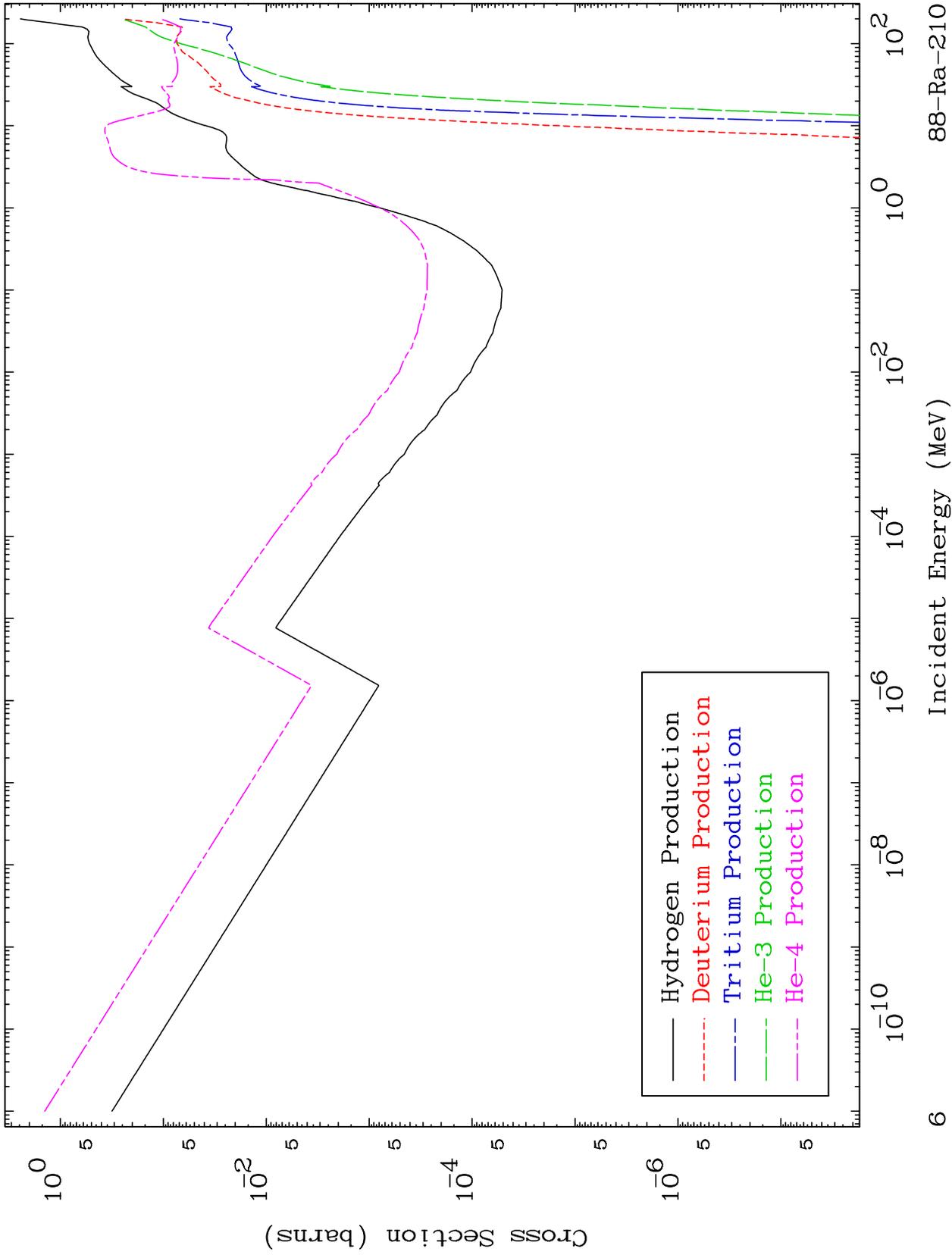
88-Ra-210



MAT 8786

Particle Production  
293 Kelvin Cross Sections

88-Ra-210

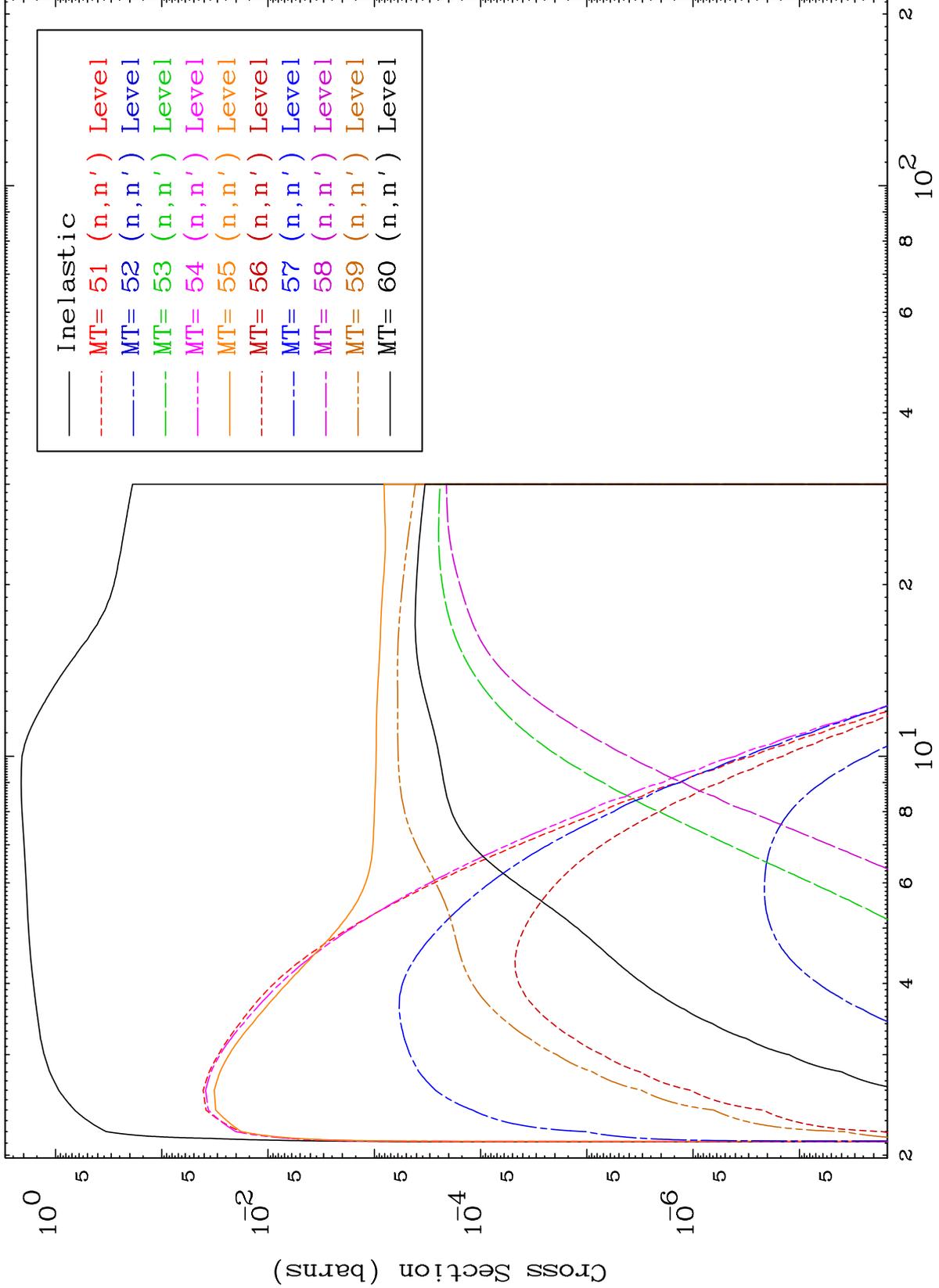


MAT 8786

(n,n') Level

88-Ra-210

293 Kelvin Cross Sections



7

Incident Energy (MeV)

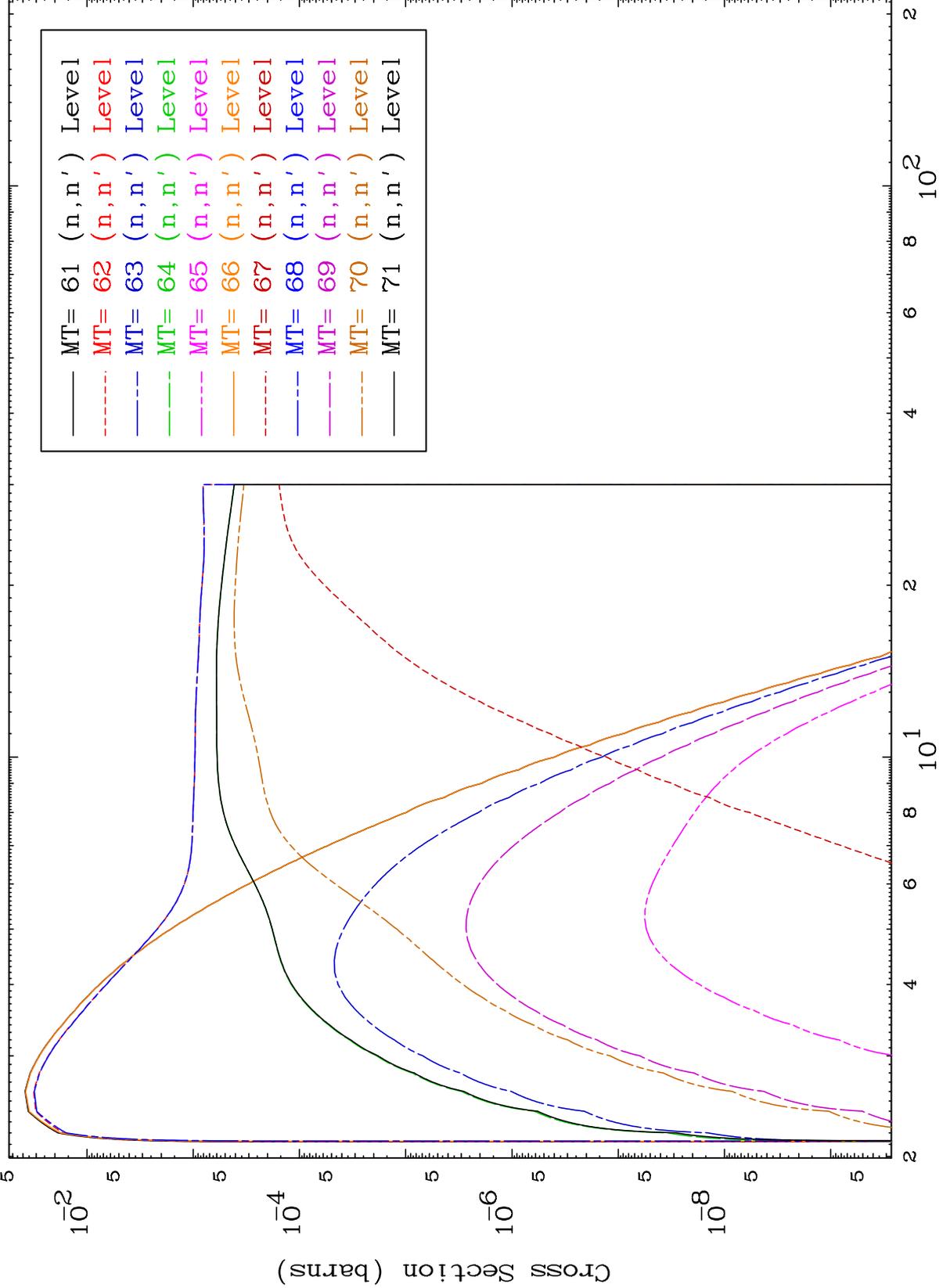
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MAT 8786

(n,n') Level

88-Ra-210

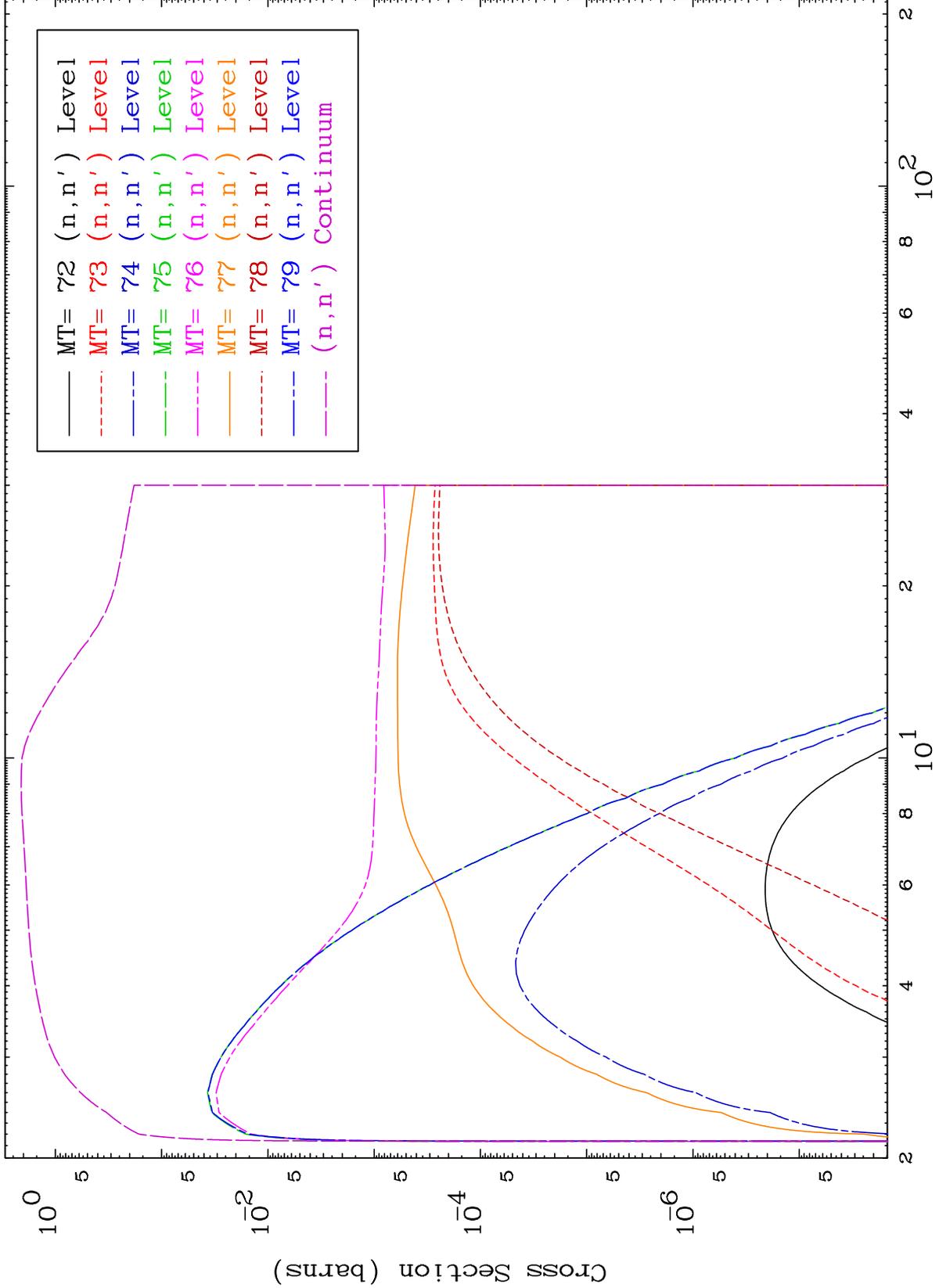
293 Kelvin Cross Sections



Incident Energy (MeV)

88-Ra-210

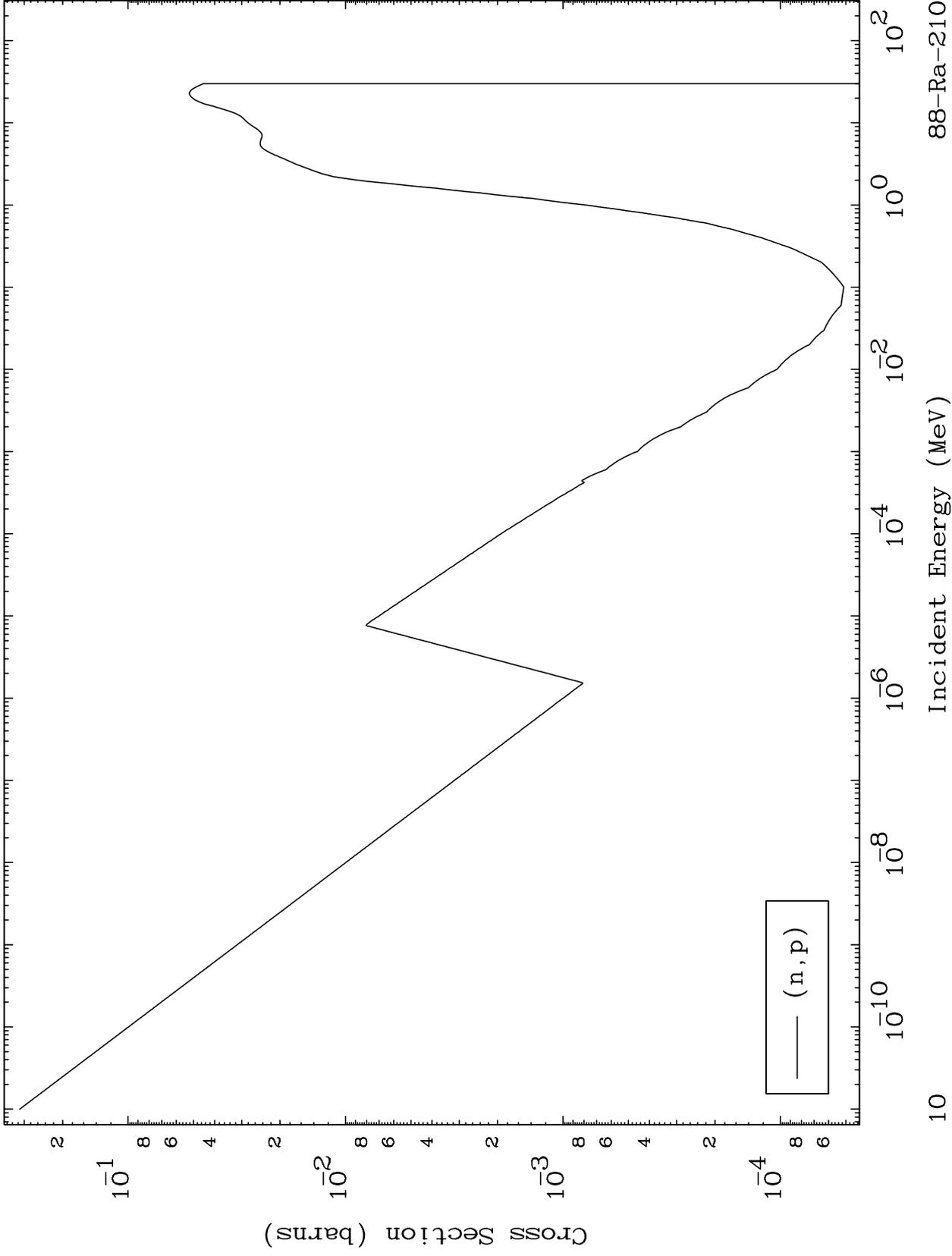
293 Kelvin Cross Sections



MAT 8786

(n,p) Levels  
293 Kelvin Cross Sections

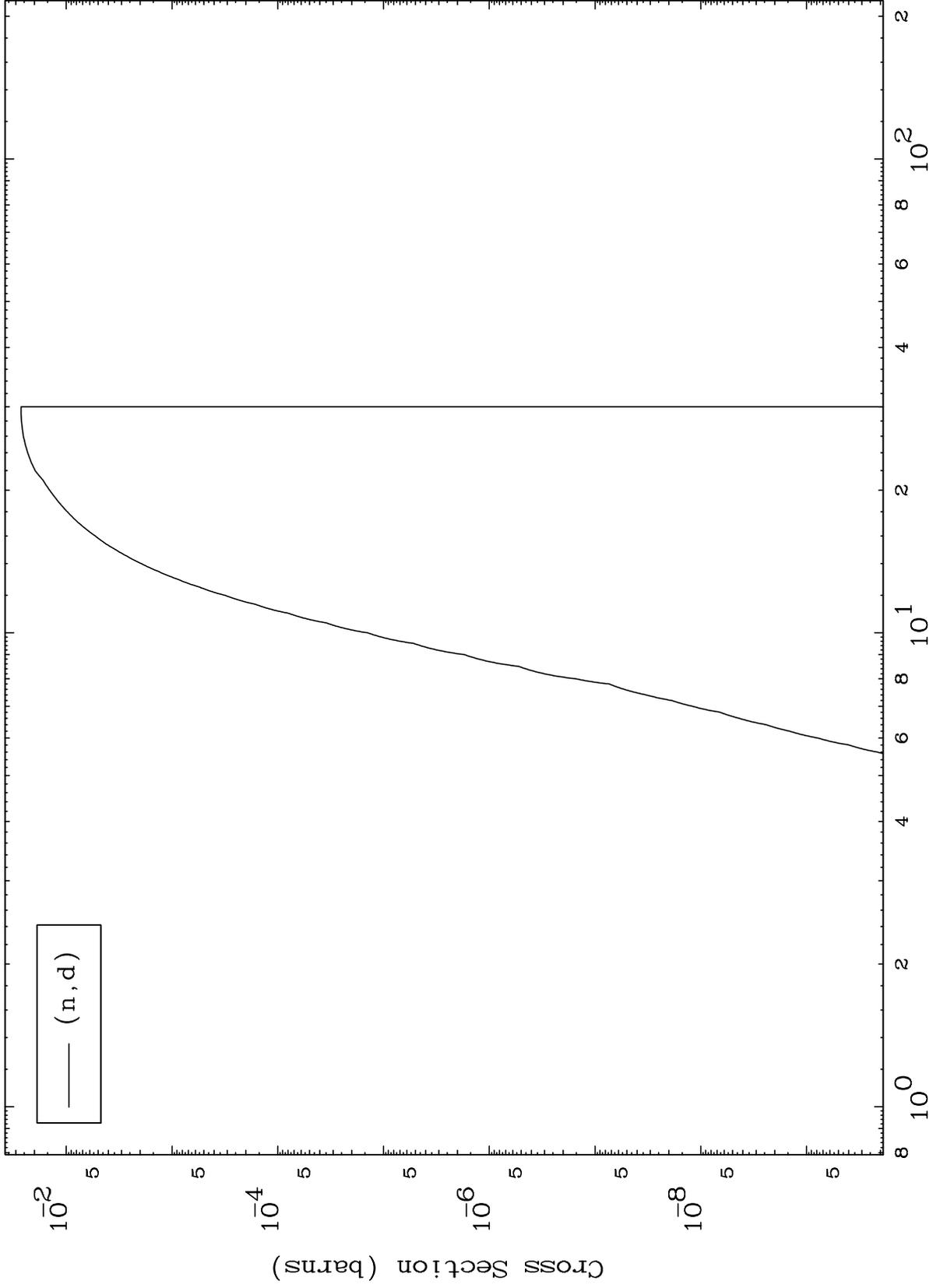
88-Ra-210



MAT 8786

(n,d) Levels  
293 Kelvin Cross Sections

88-Ra-210



11

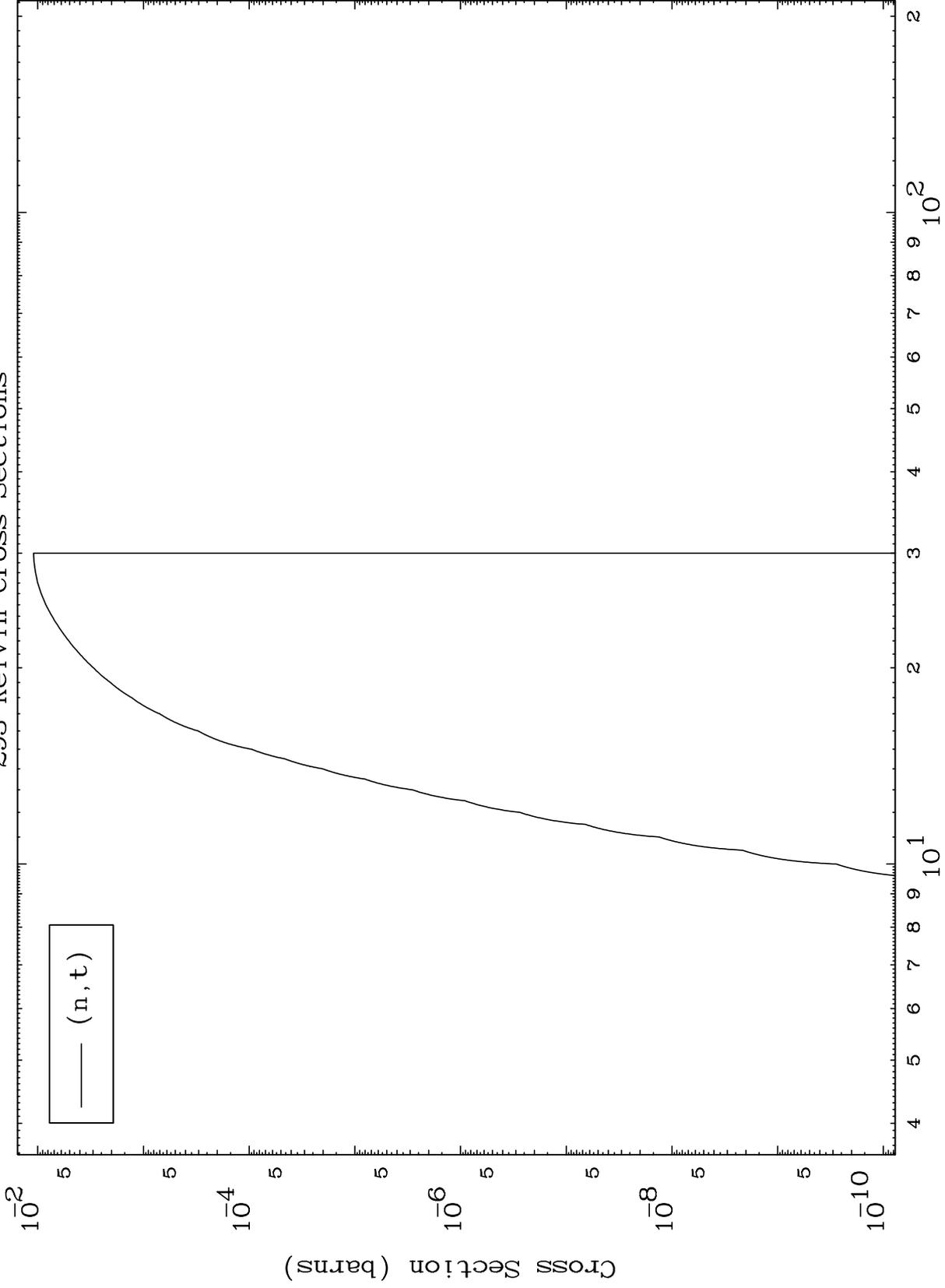
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,t) Levels  
293 Kelvin Cross Sections

88-Ra-210



12

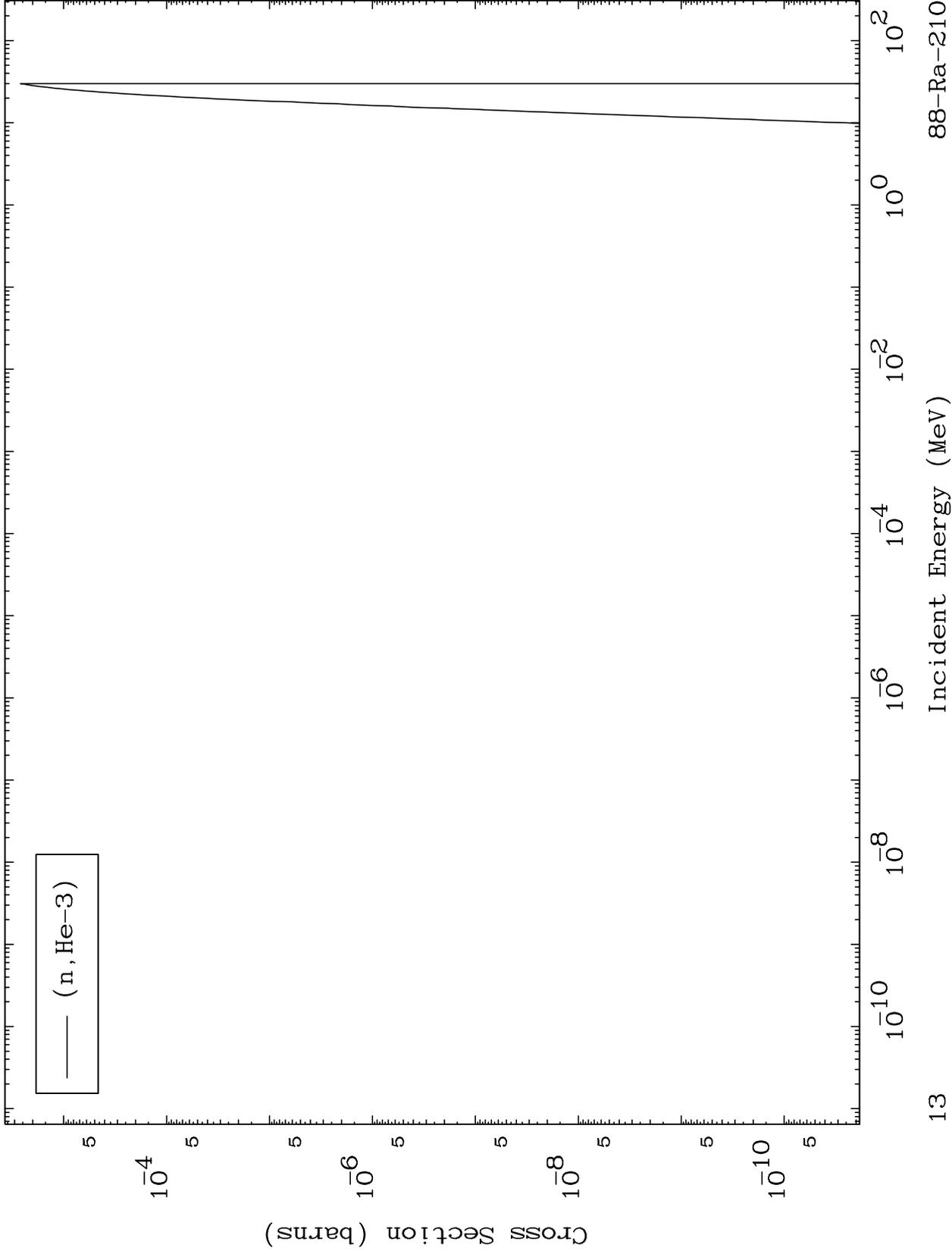
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,He3) Levels  
293 Kelvin Cross Sections

88-Ra-210



13

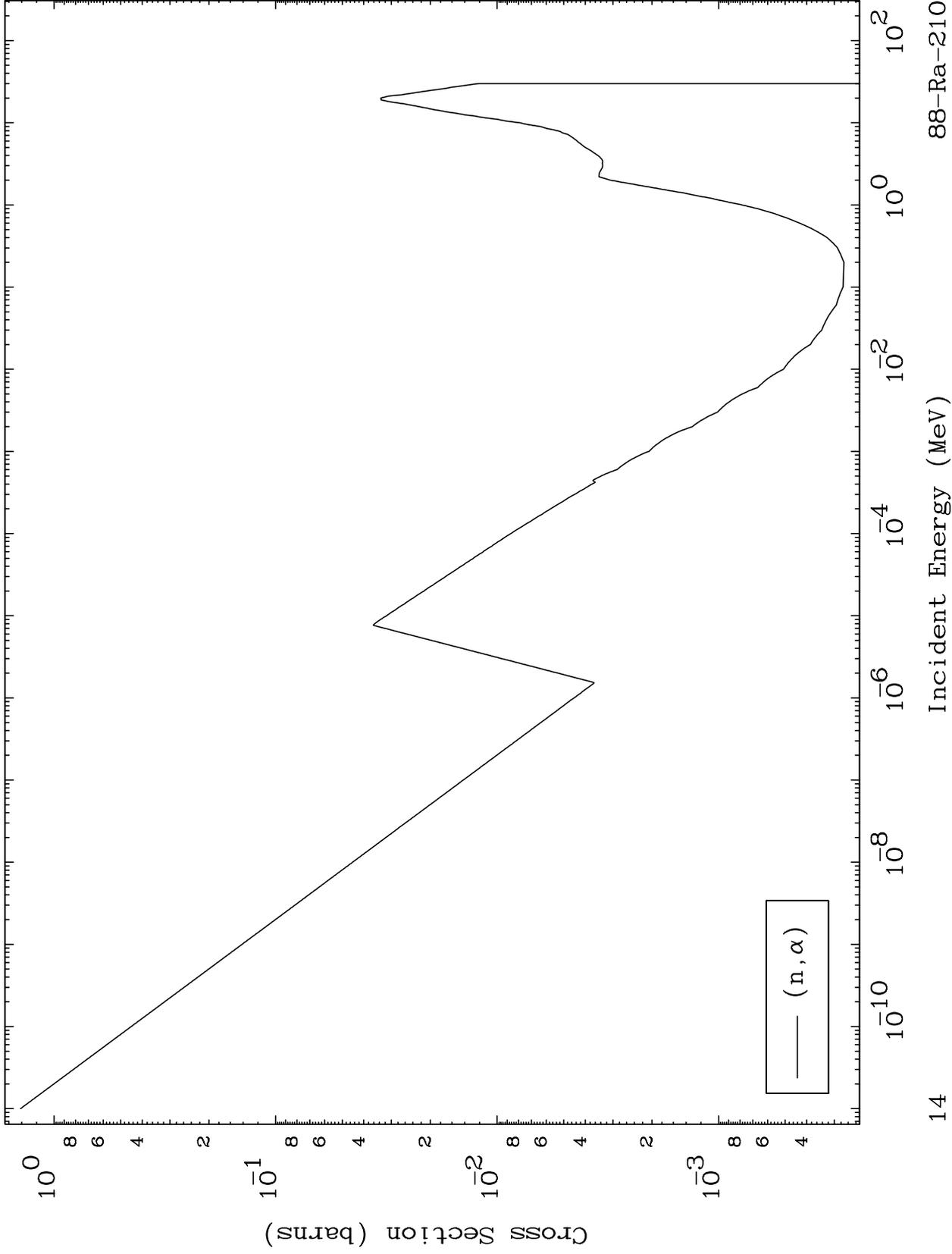
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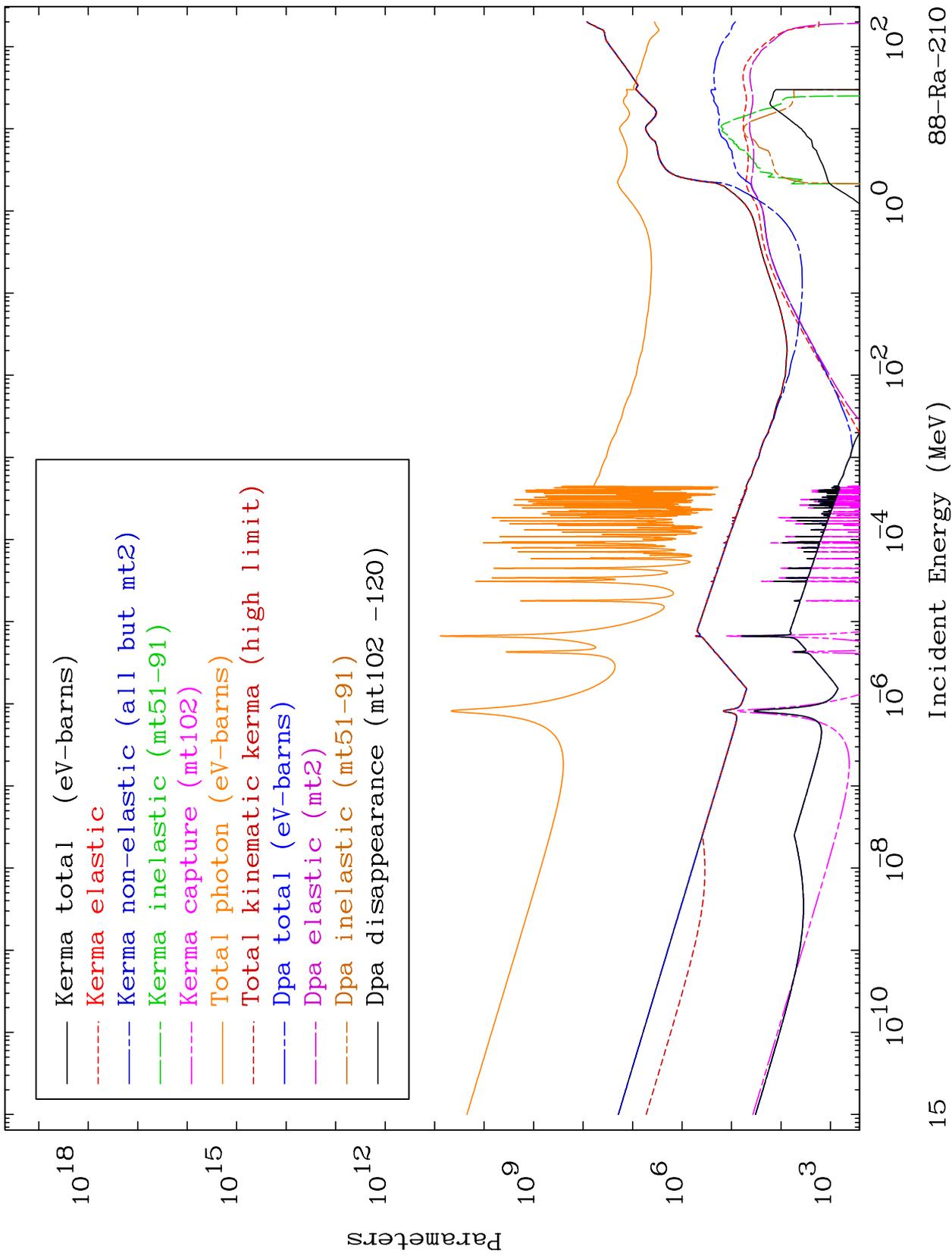
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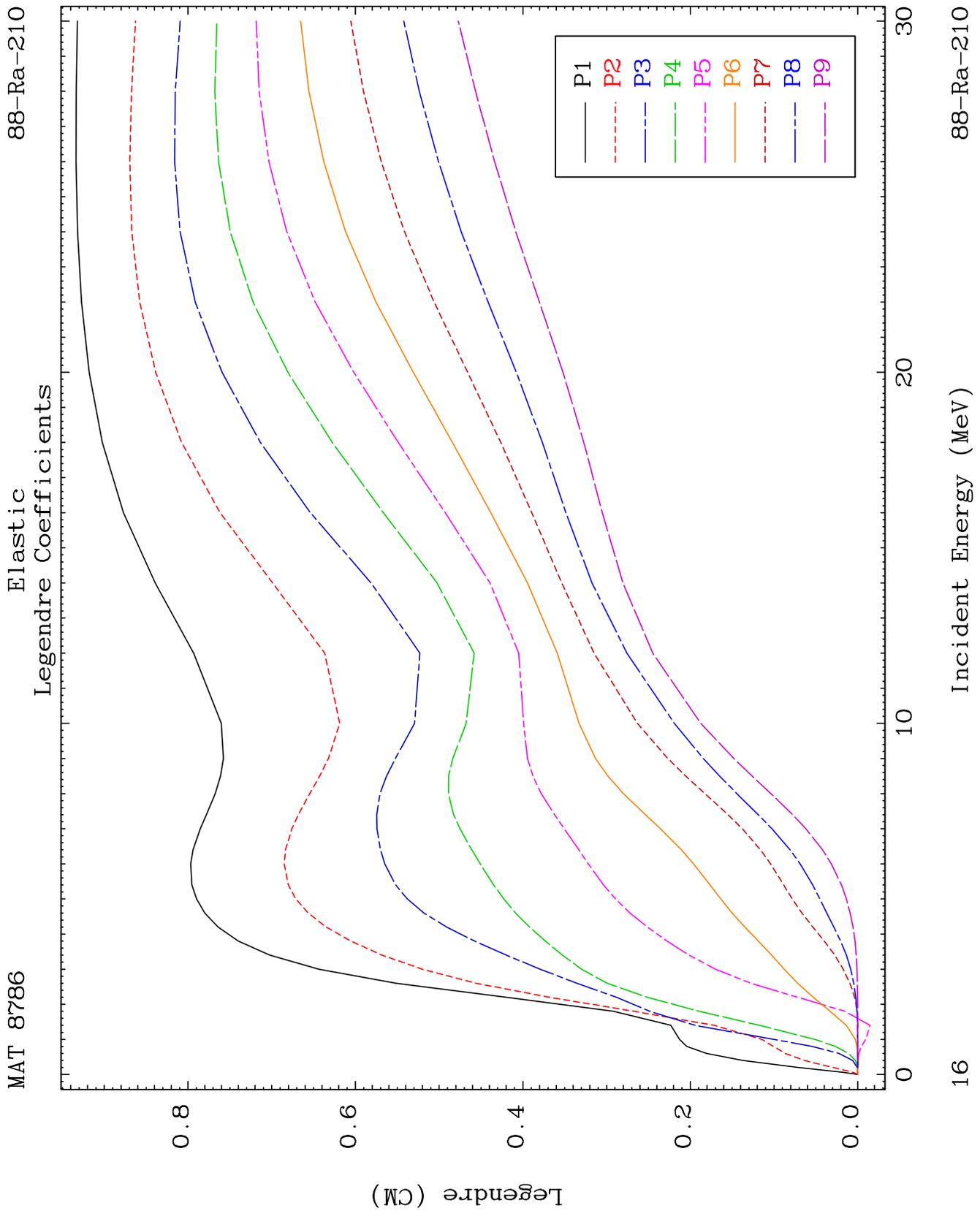
MAT 8786

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

88-Ra-210



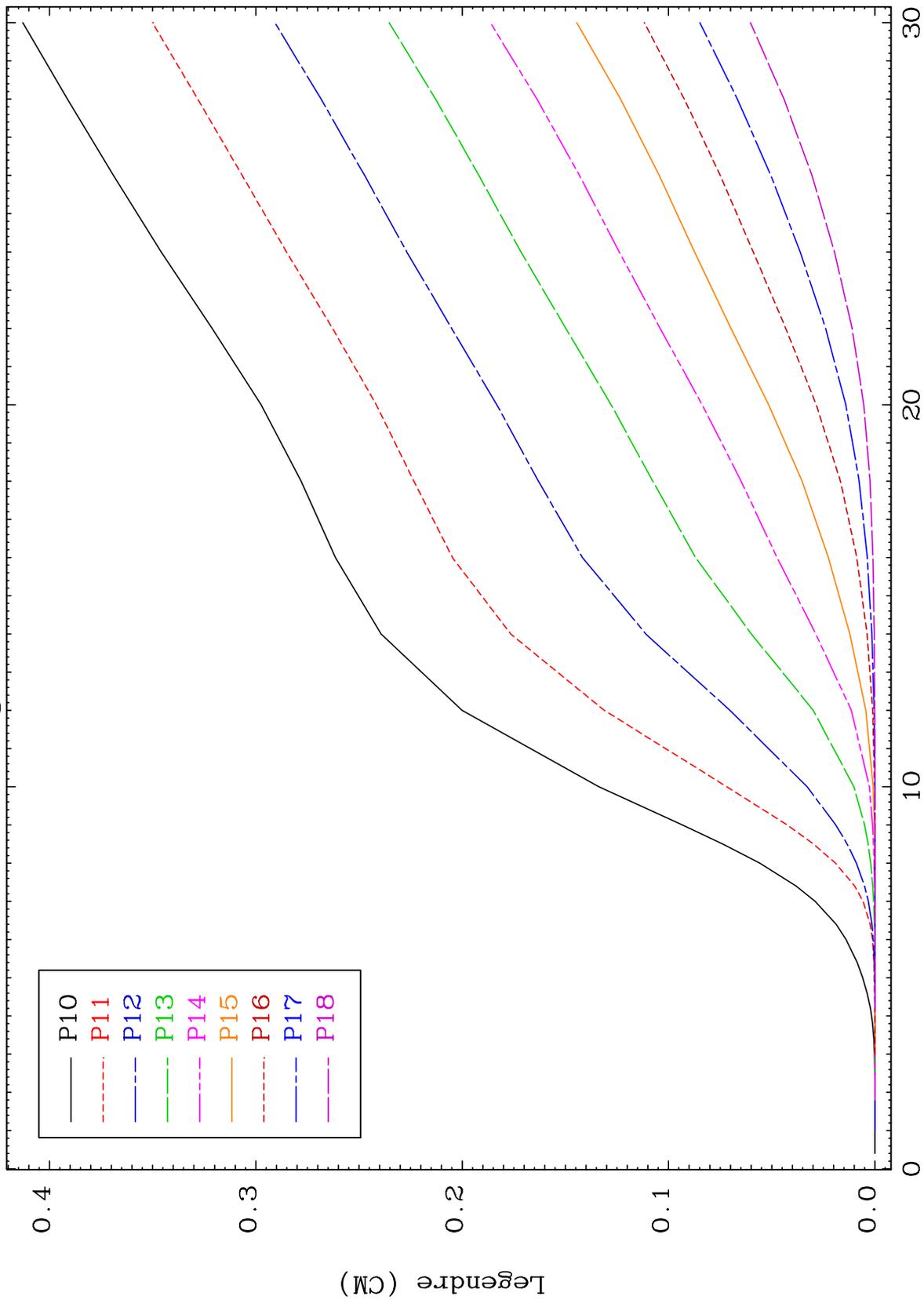




MAT 8786

Elastic Legendre Coefficients

88-Ra-210



17

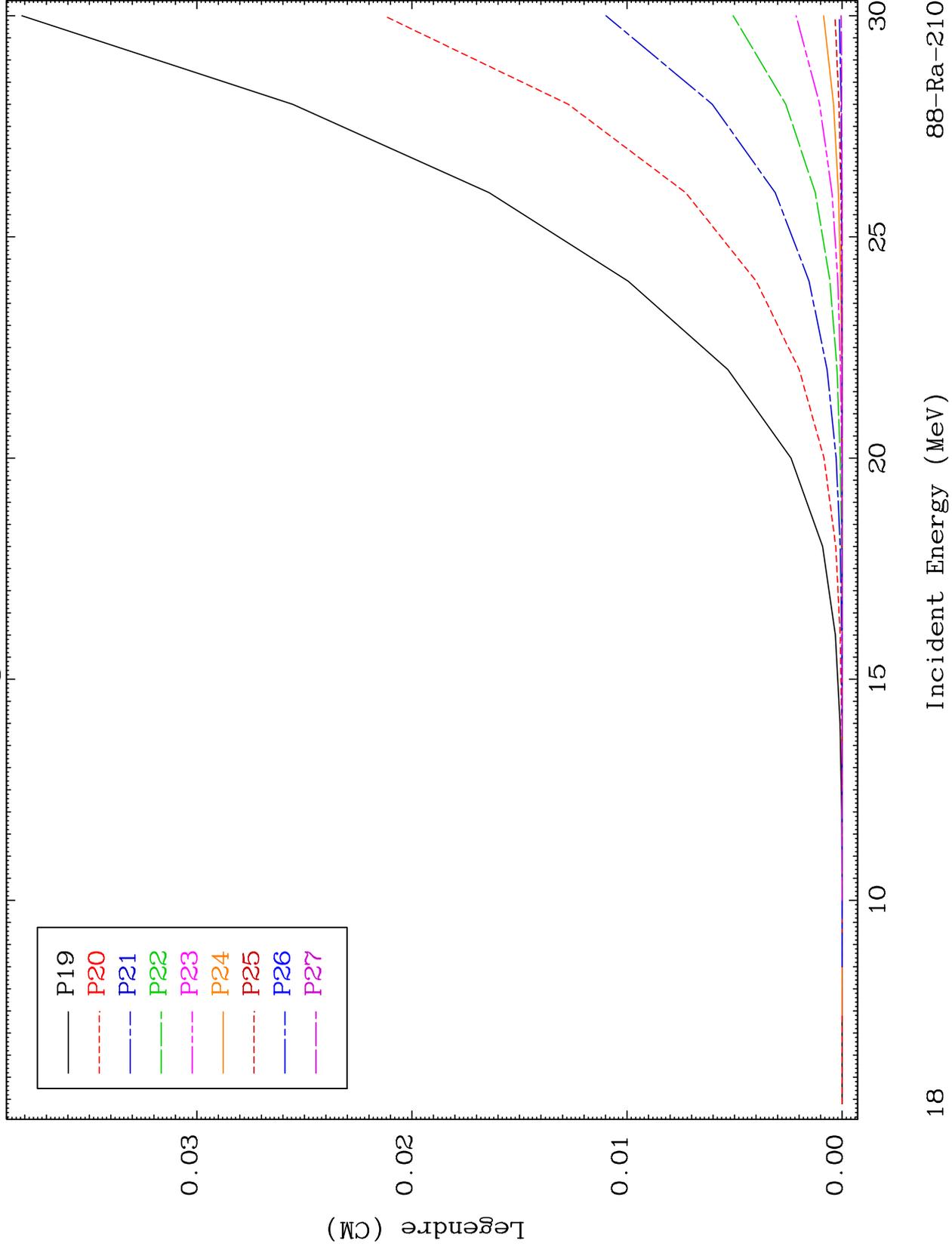
Incident Energy (MeV)

88-Ra-210

MAT 8786

### Elastic Legendre Coefficients

88-Ra-210



18

Incident Energy (MeV)

88-Ra-210

30

25

20

15

10

Legendre (CM)

0.03

0.02

0.01

0.00

P19

P20

P21

P22

P23

P24

P25

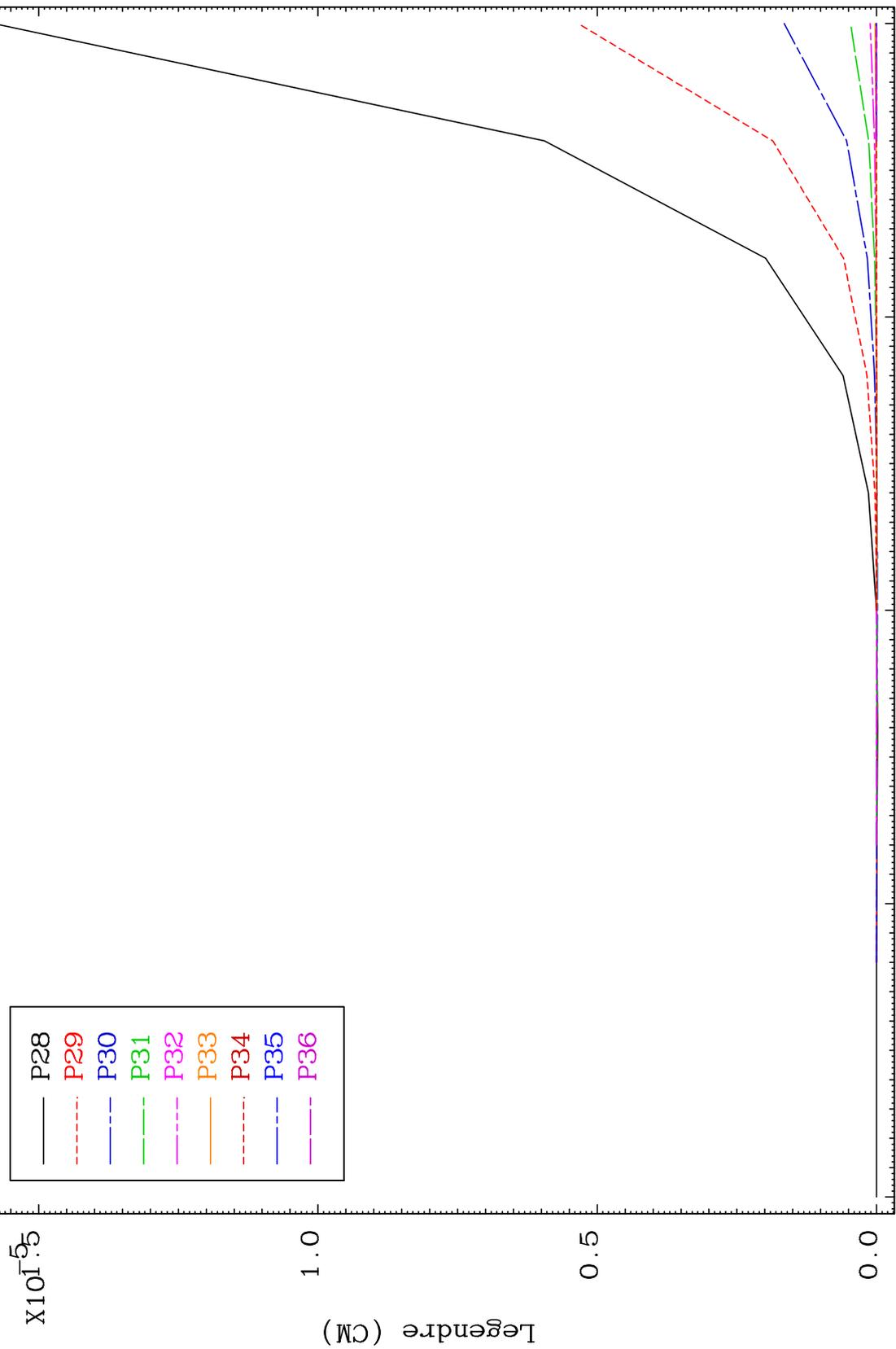
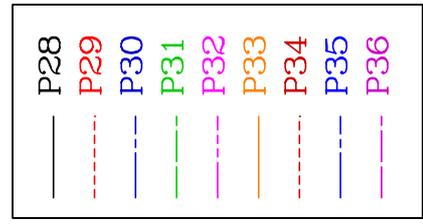
P26

P27

MAT 8786

Elastic  
Legendre Coefficients

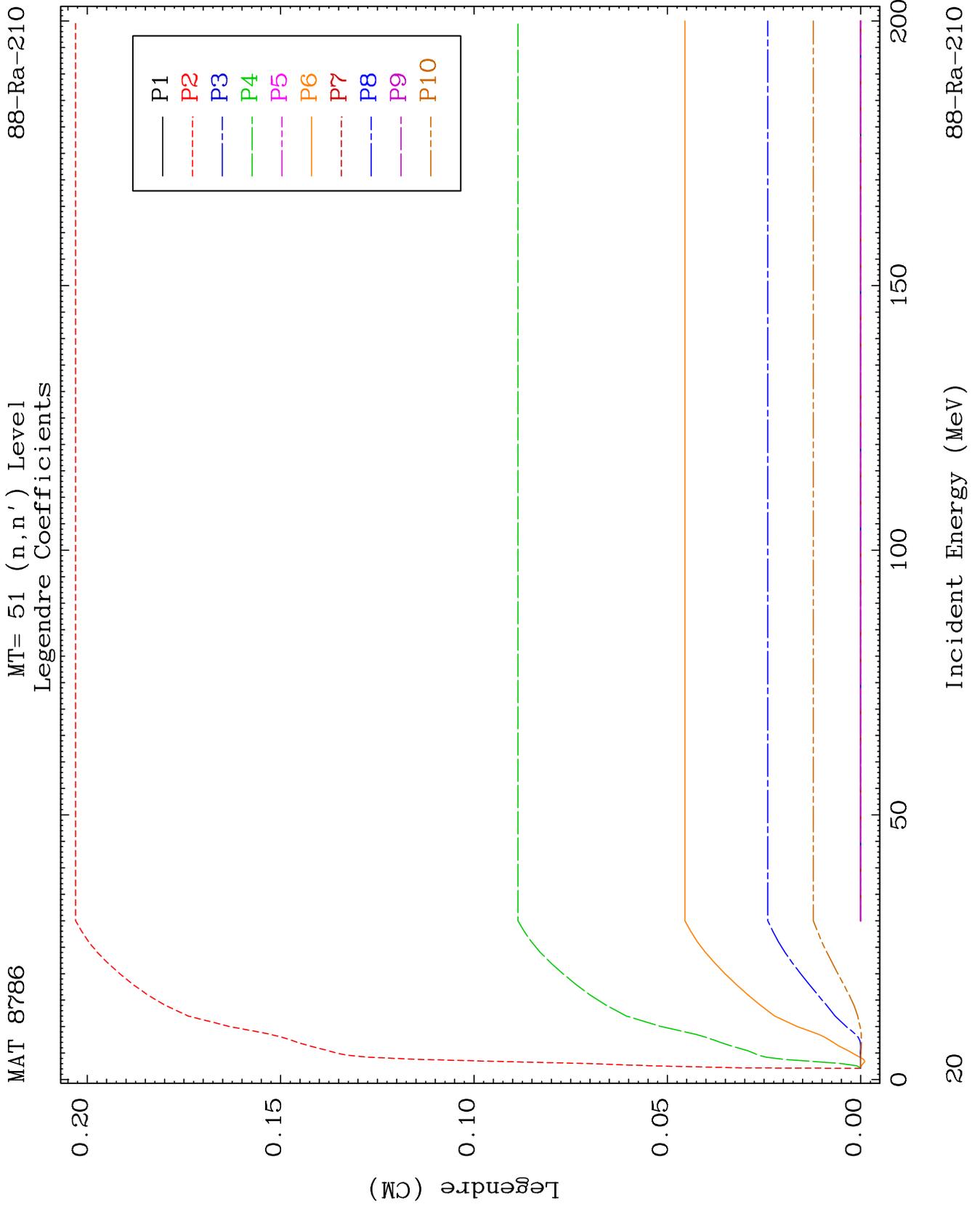
88-Ra-210



19

Incident Energy (MeV)

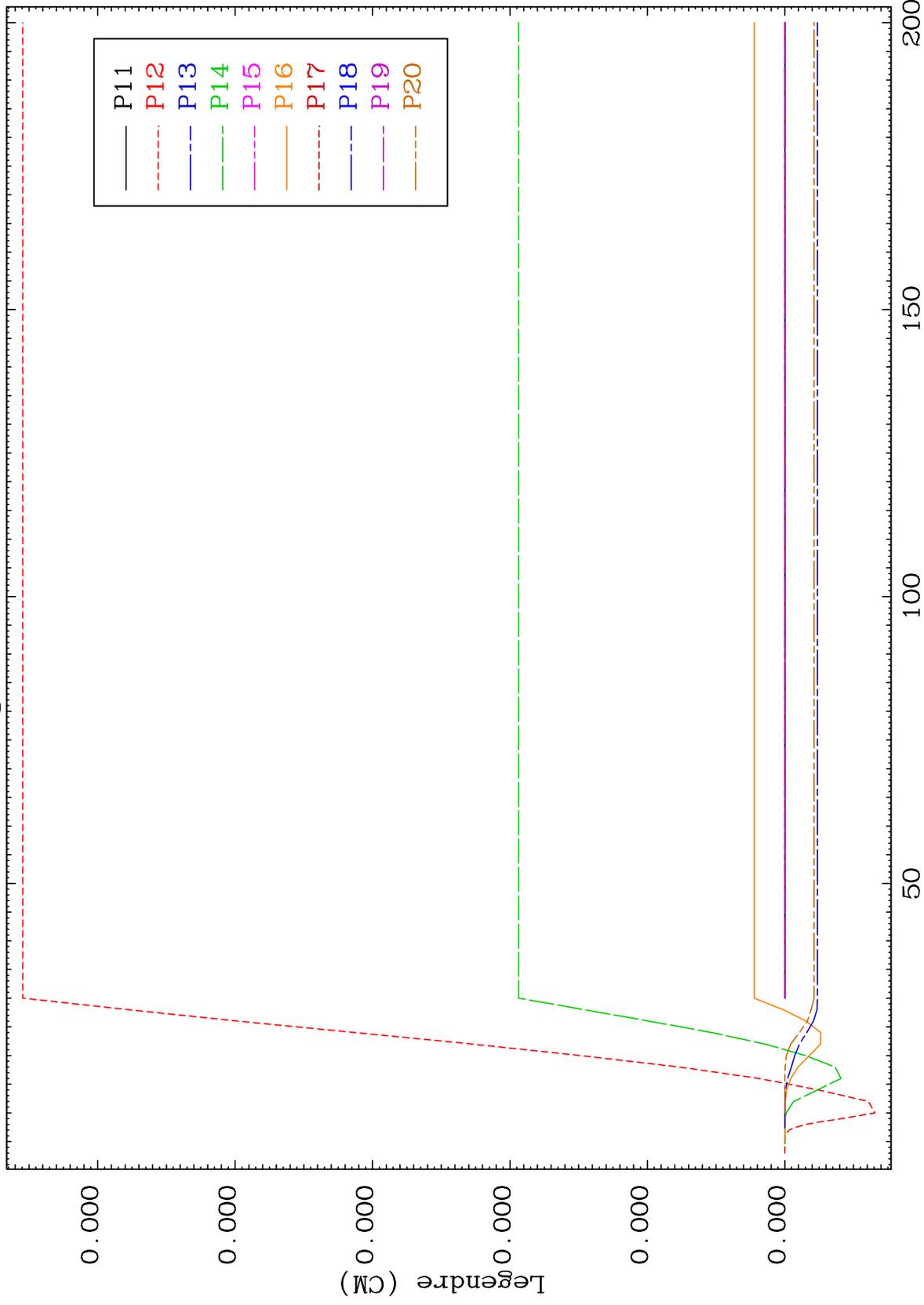
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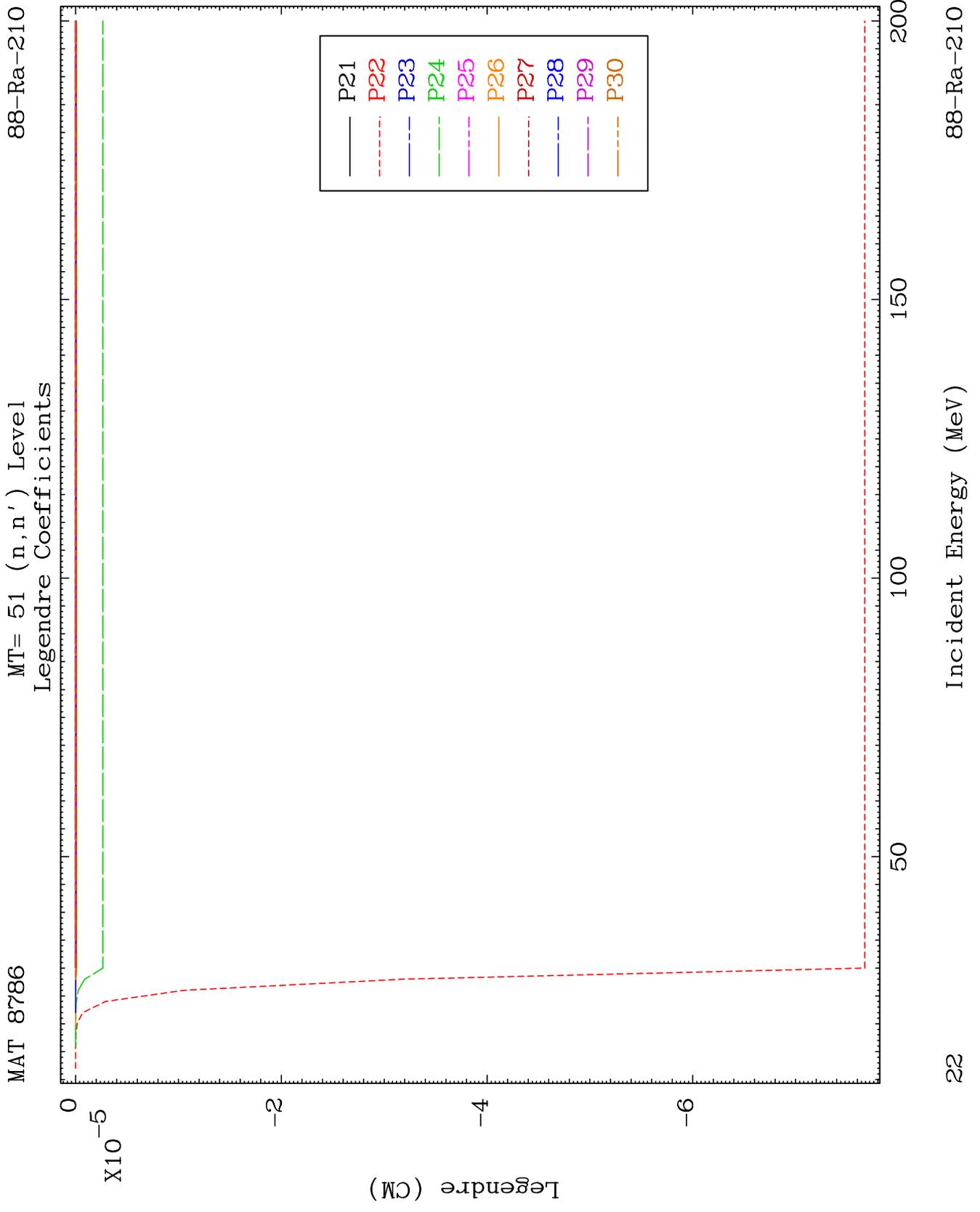


MAT 8786

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

88-Ra-210

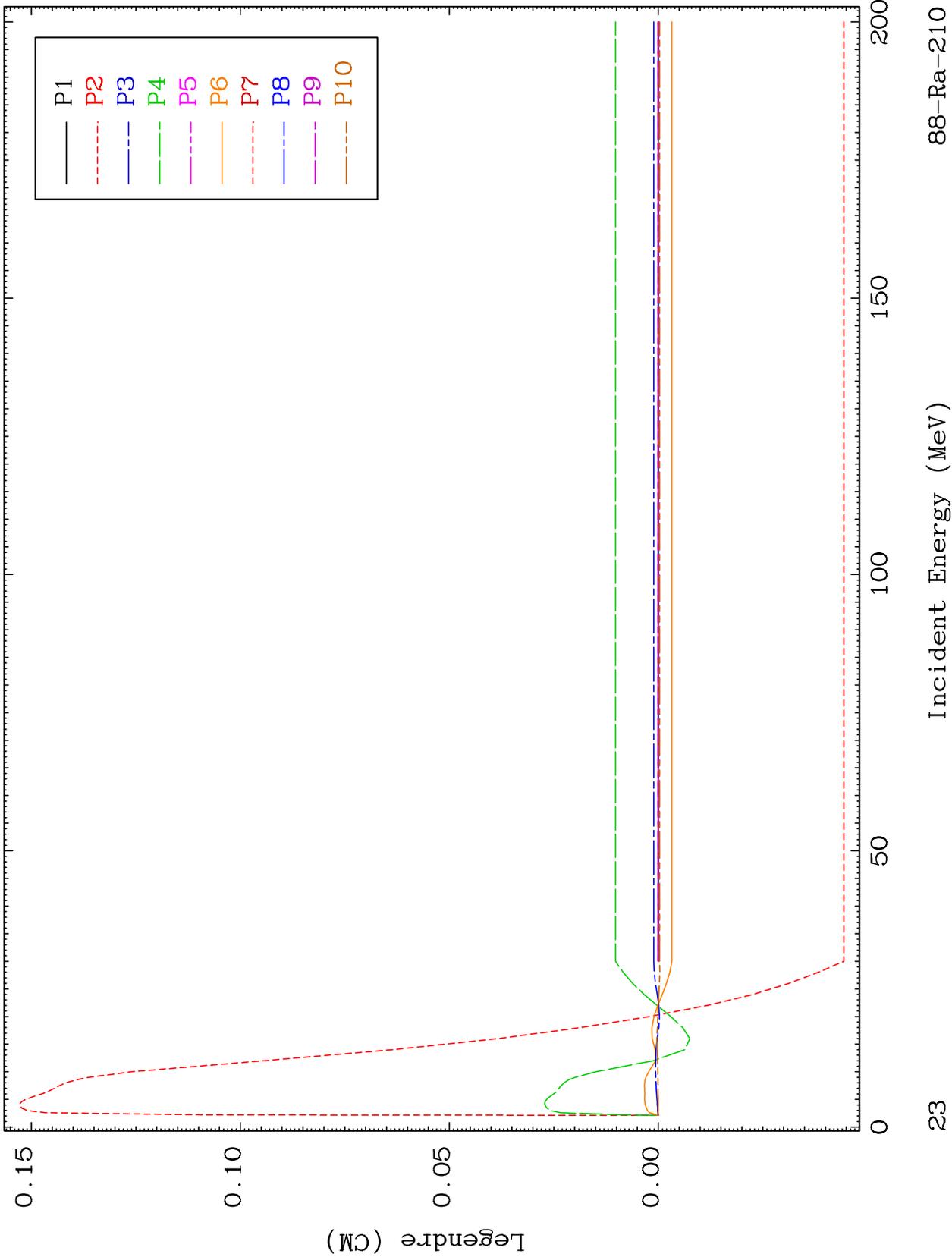




MAT 8786

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

88-Ra-210



88-Ra-210

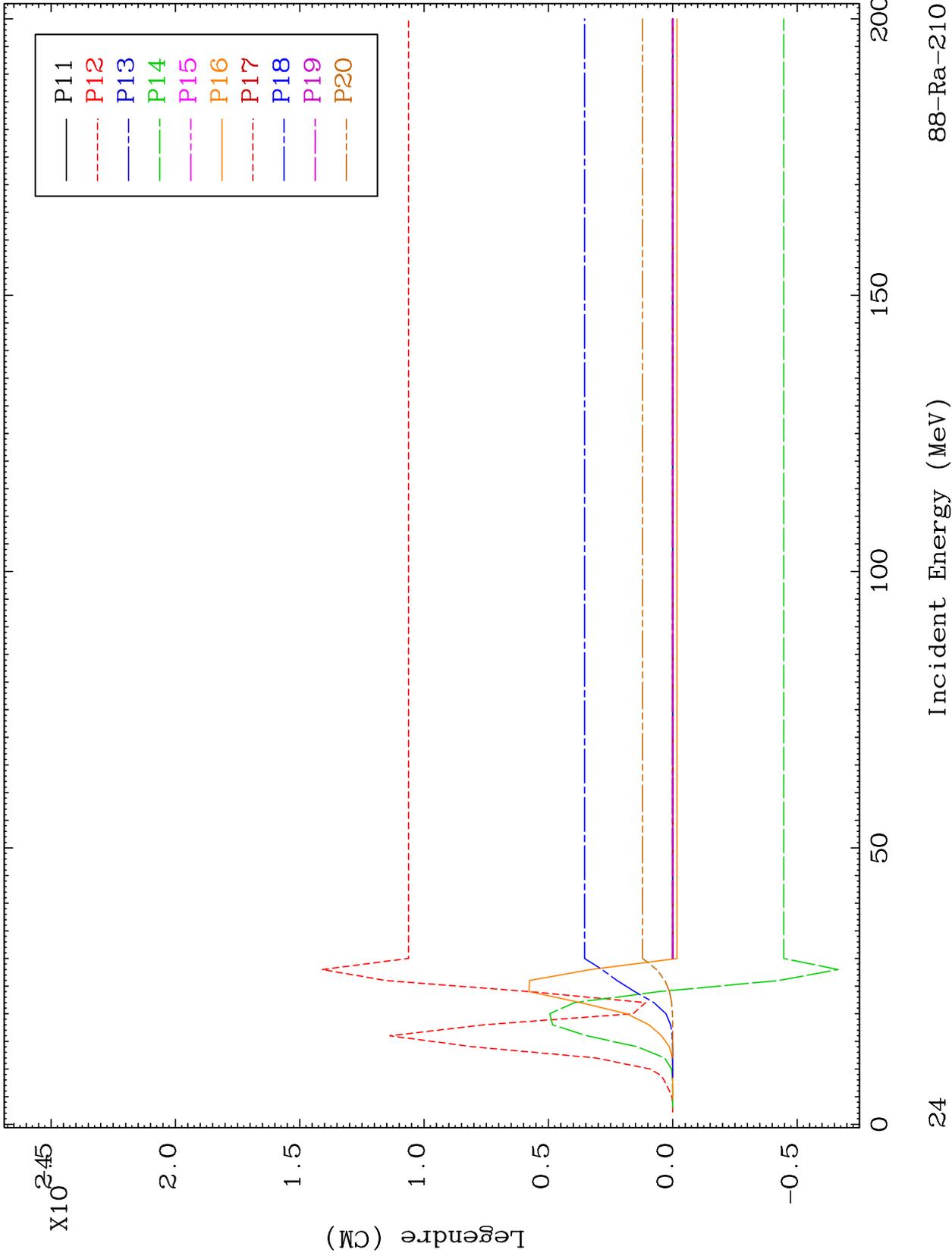
Incident Energy (MeV)

23

MAT 8786

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

88-Ra-210



24

Incident Energy (MeV)

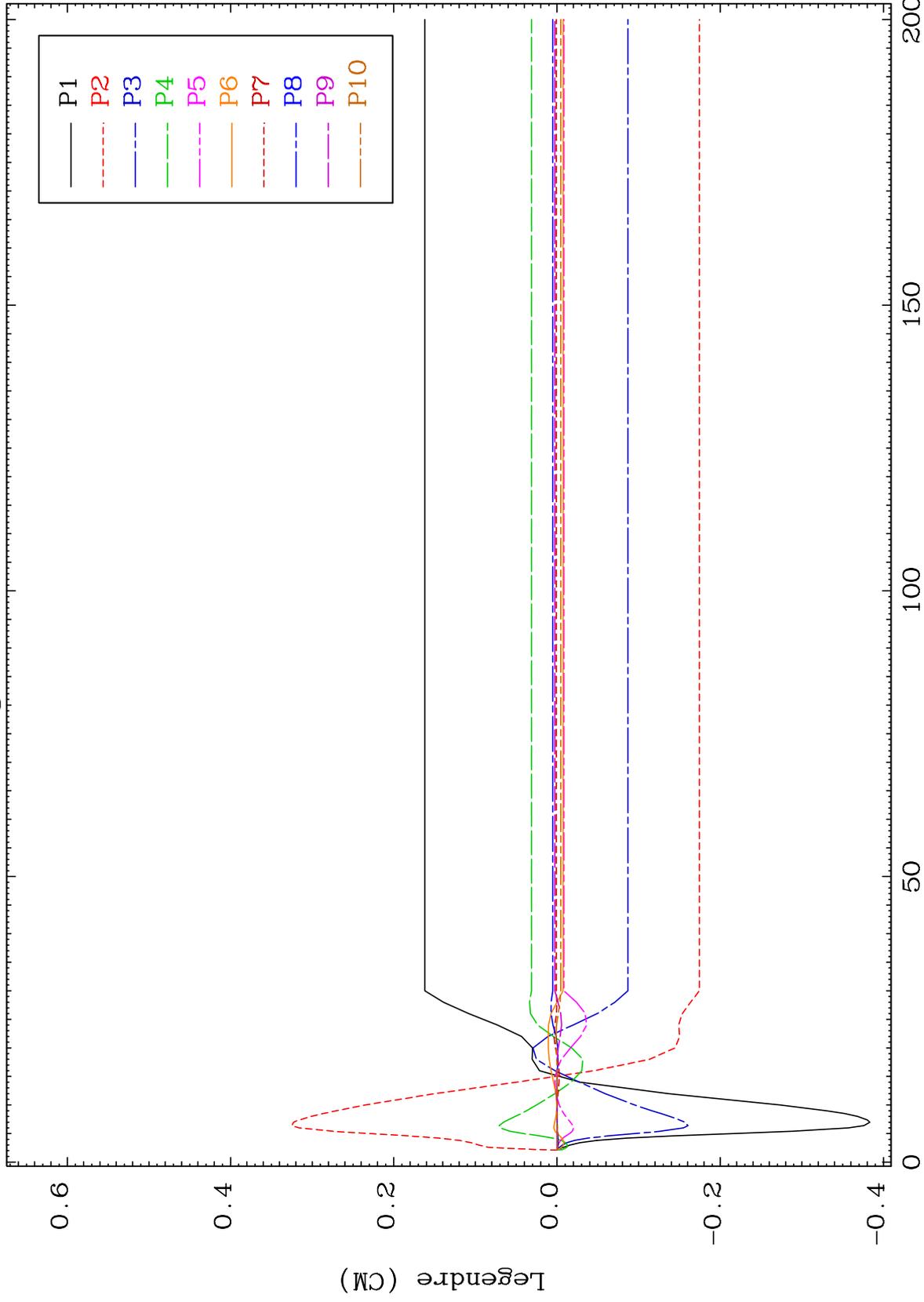
88-Ra-210



MAT 8786

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

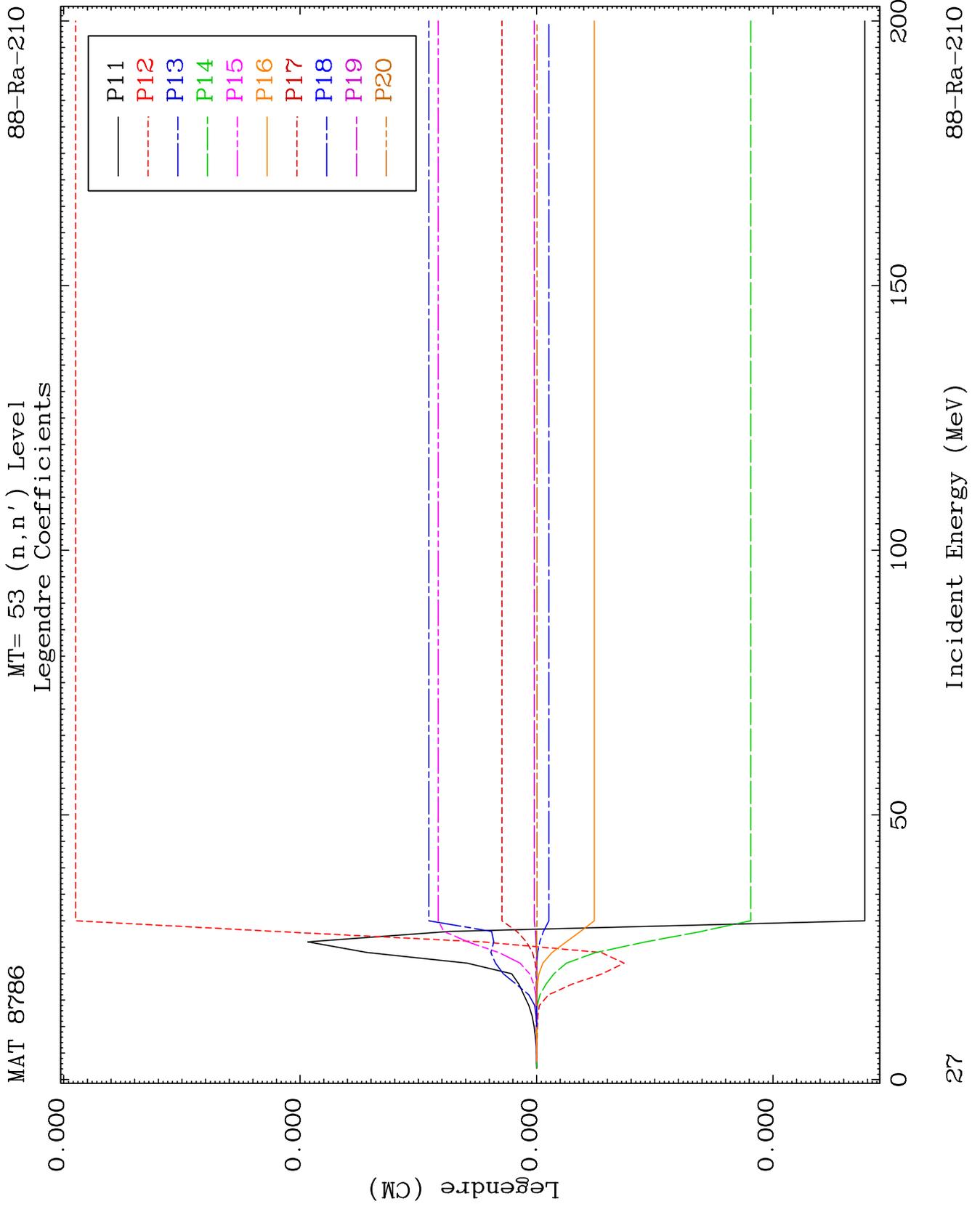
88-Ra-210



26

Incident Energy (MeV)

88-Ra-210



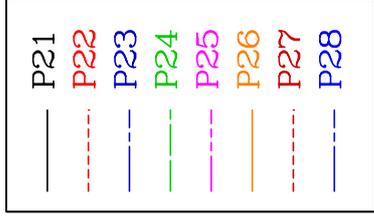
MAT 8786

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

88-Ra-210

$\times 10^{-7}$

Legendre (CM)

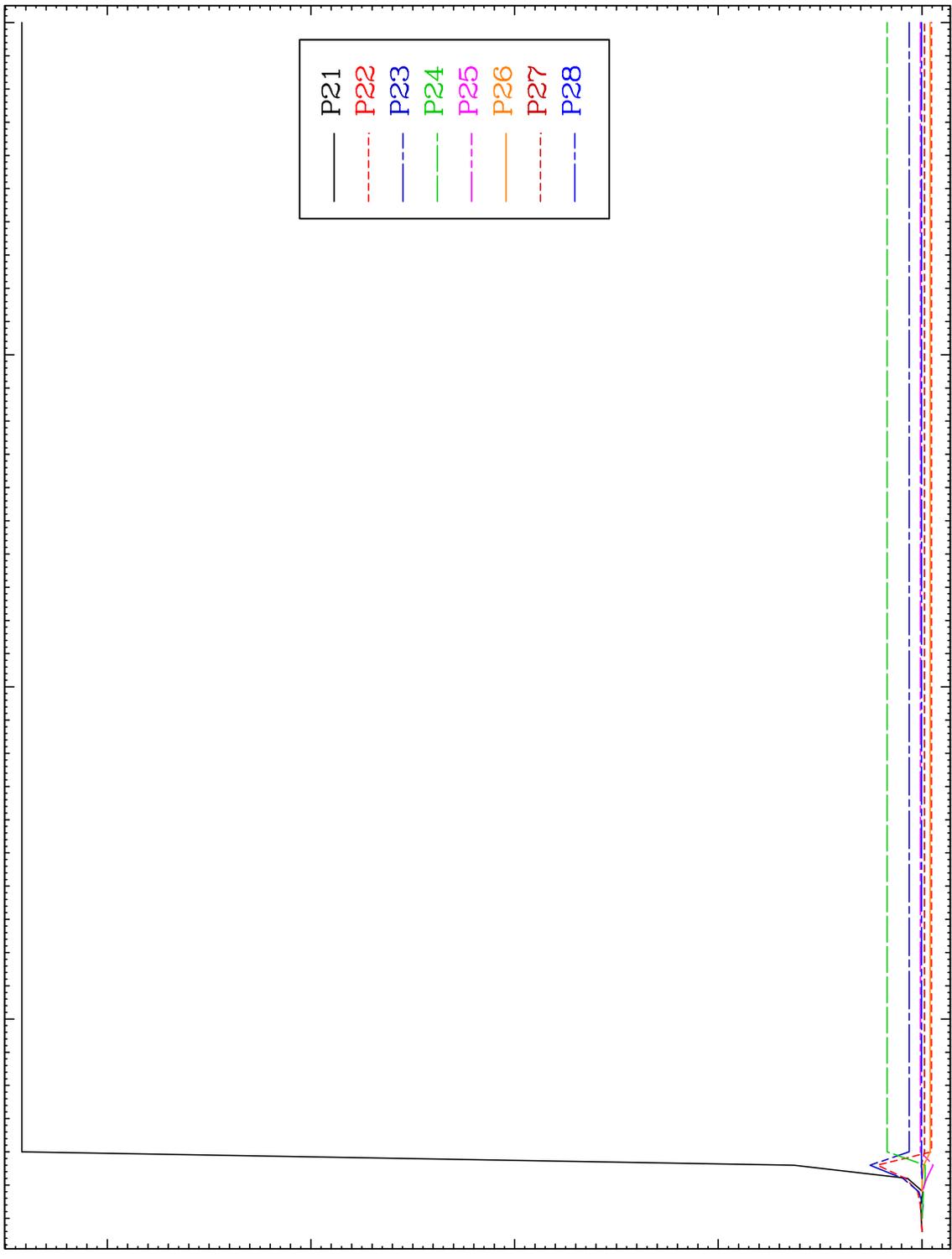


Incident Energy (MeV)

28

88-Ra-210

200

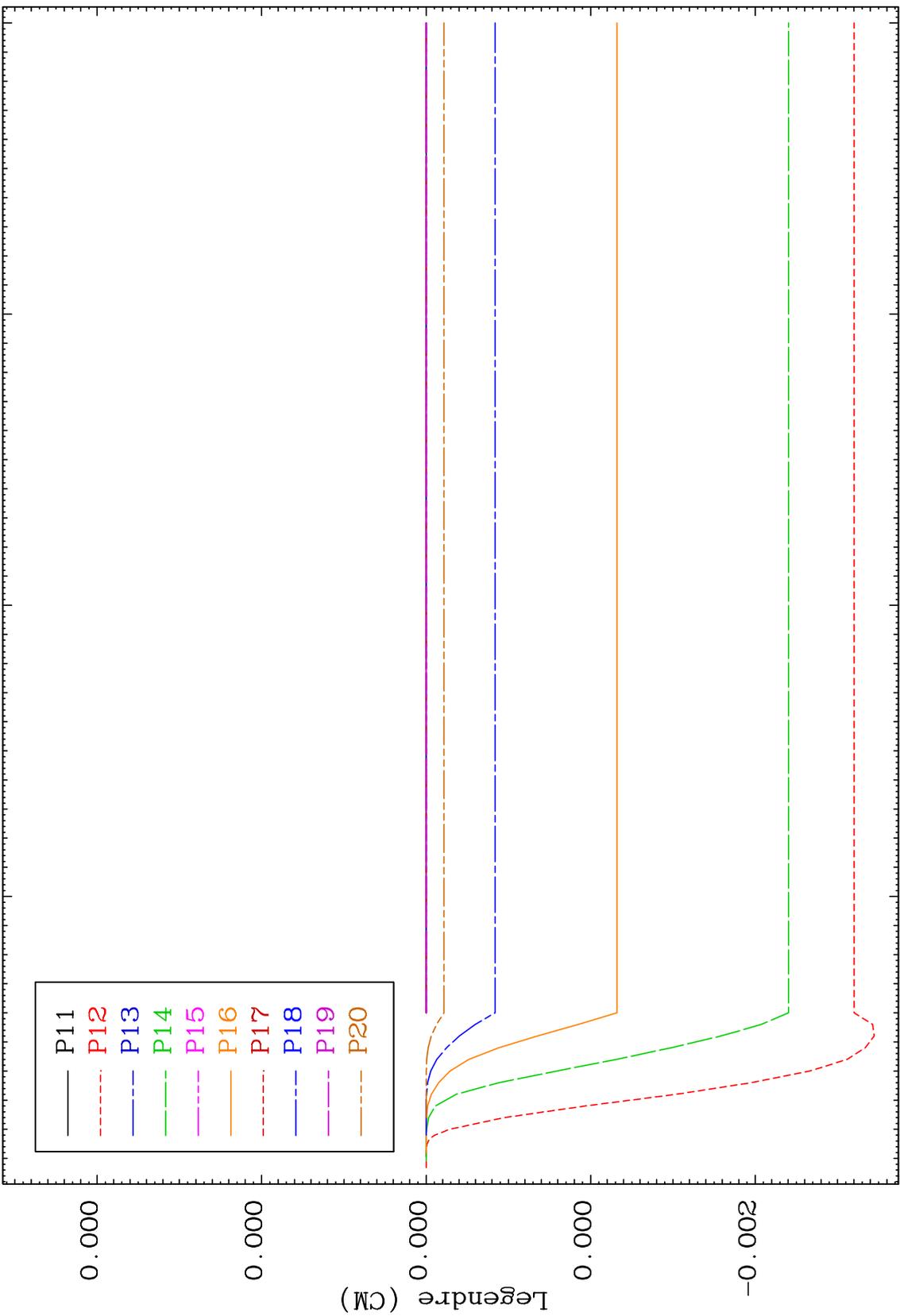




MAT 8786

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

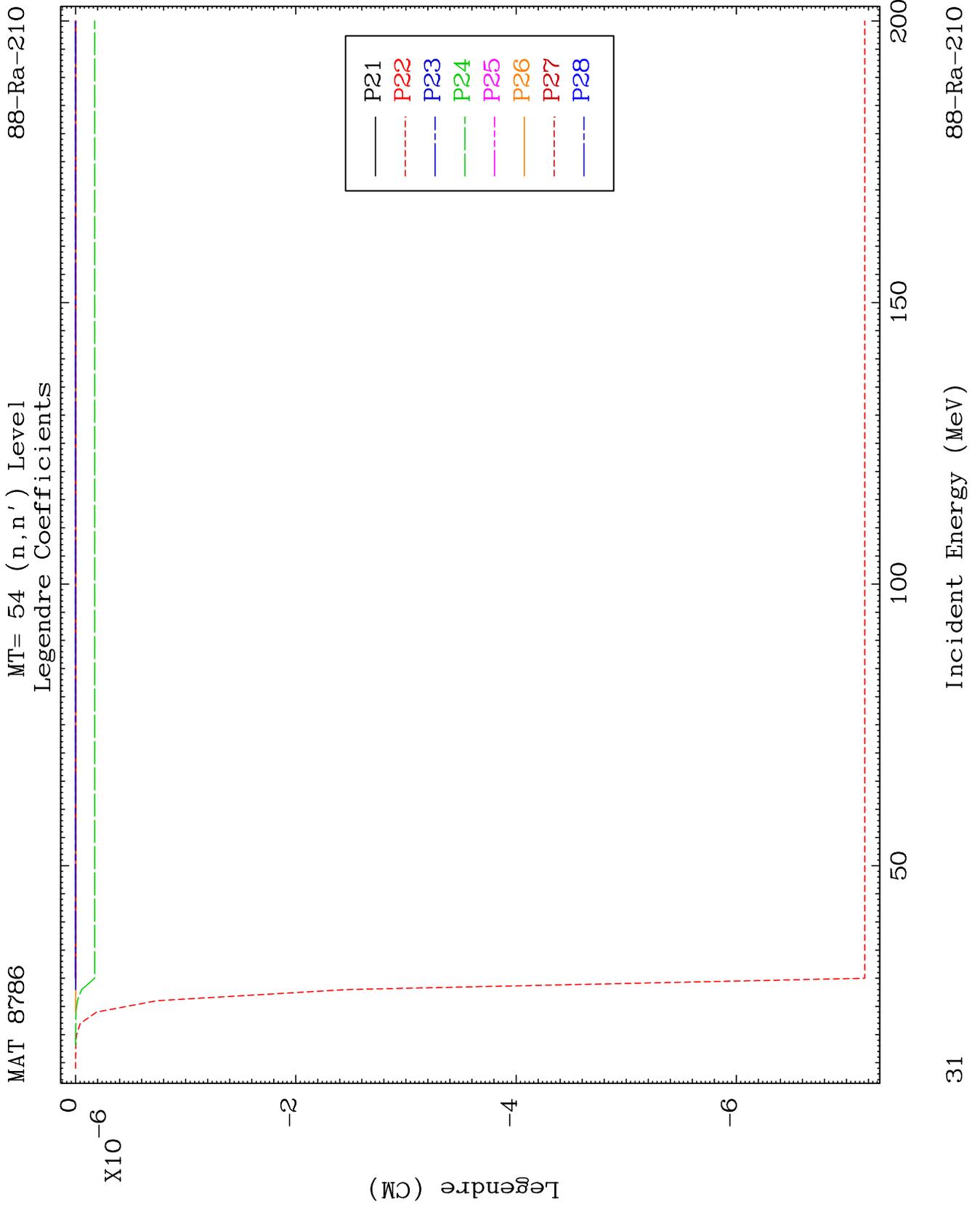
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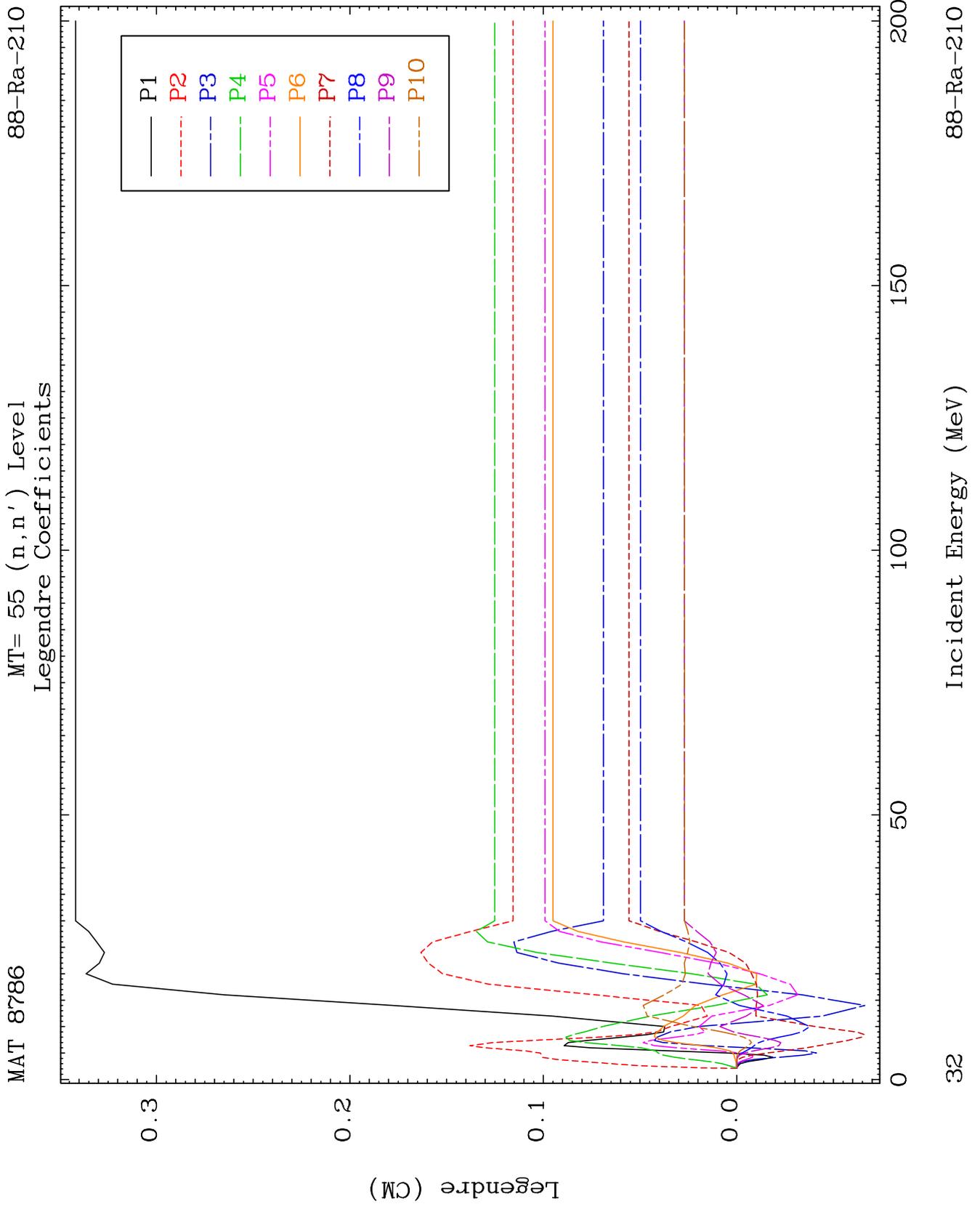


30

Incident Energy (MeV)

88-Ra-210

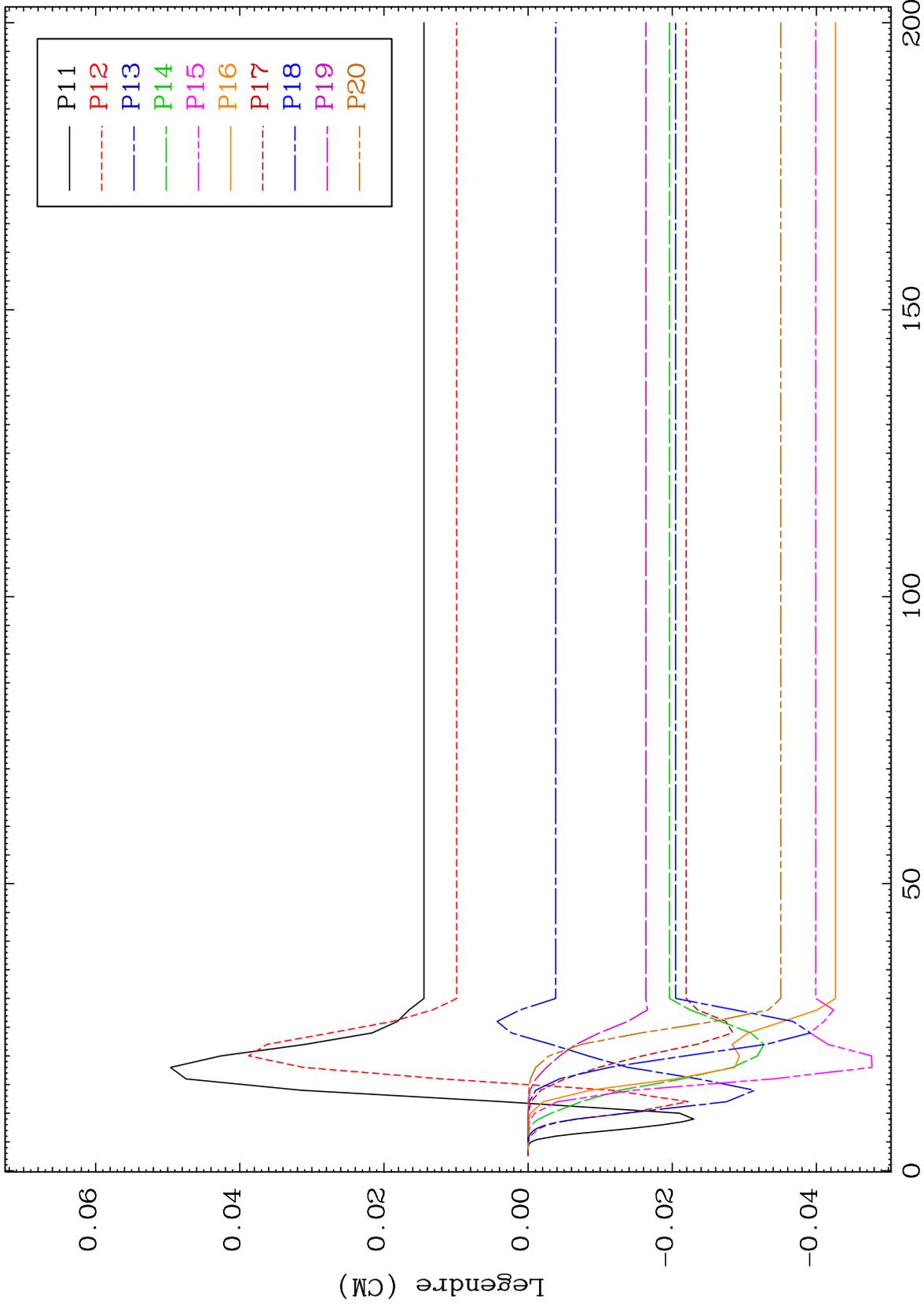




MAT 8786

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

88-Ra-210



33

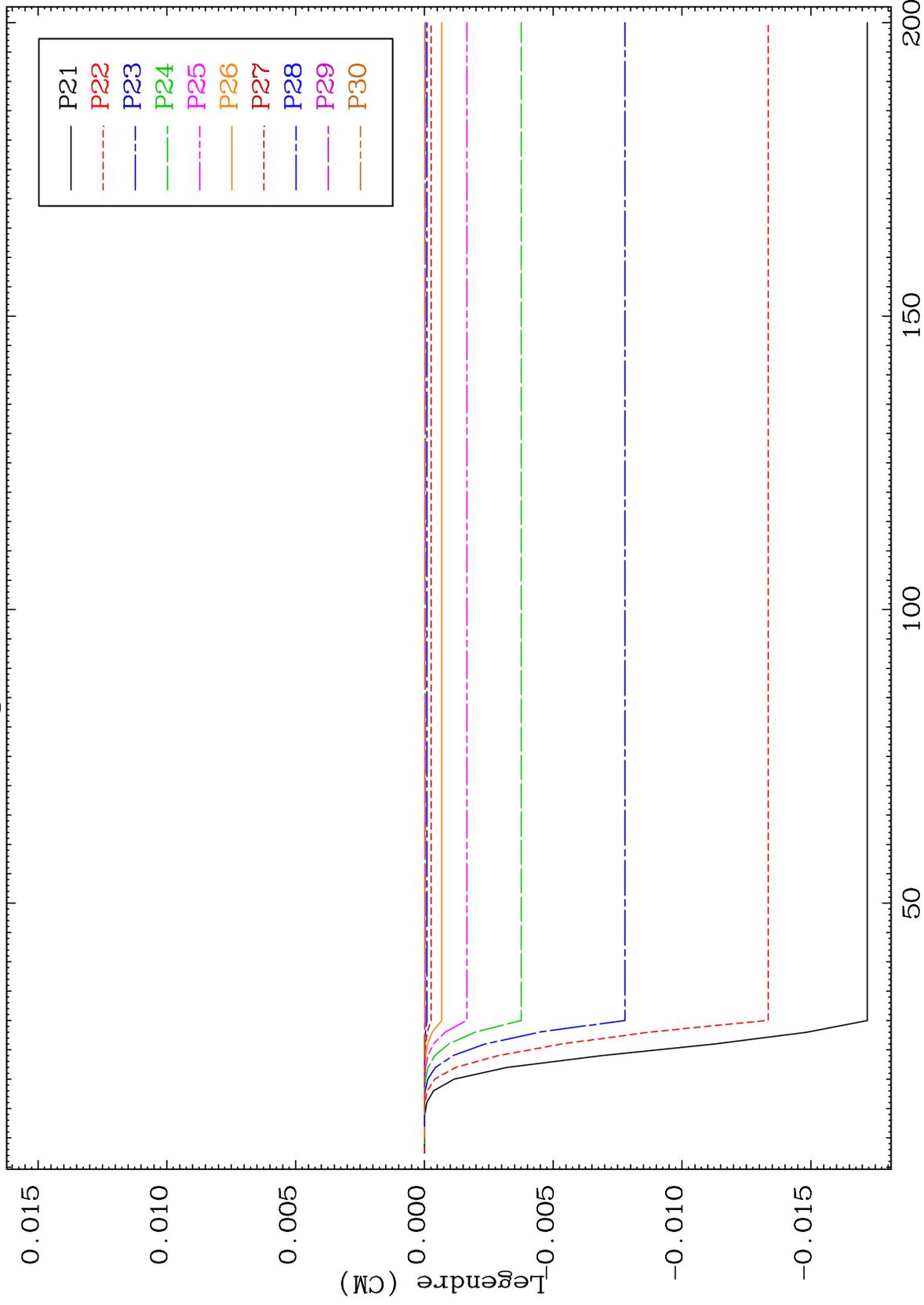
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

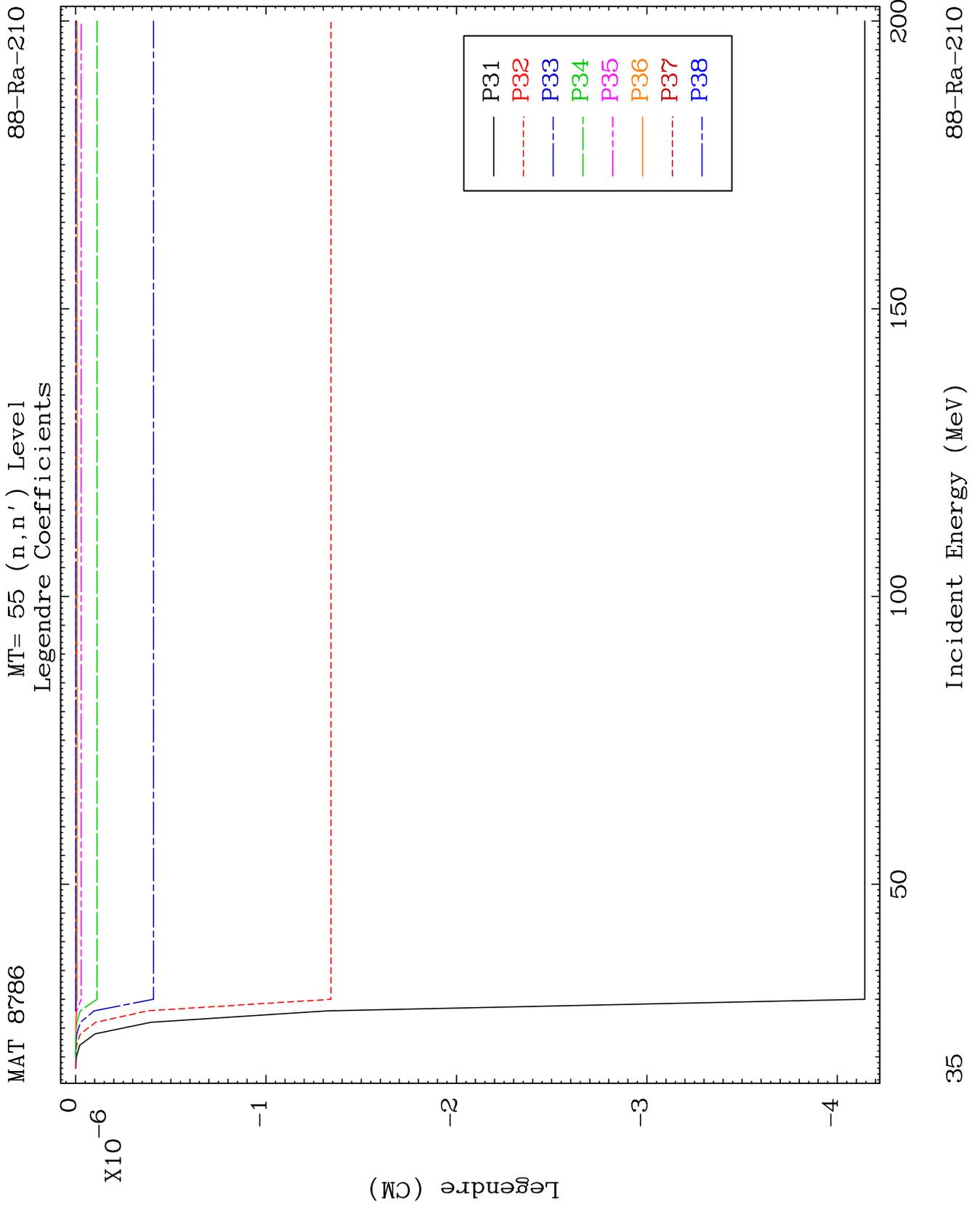
88-Ra-210



34

Incident Energy (MeV)

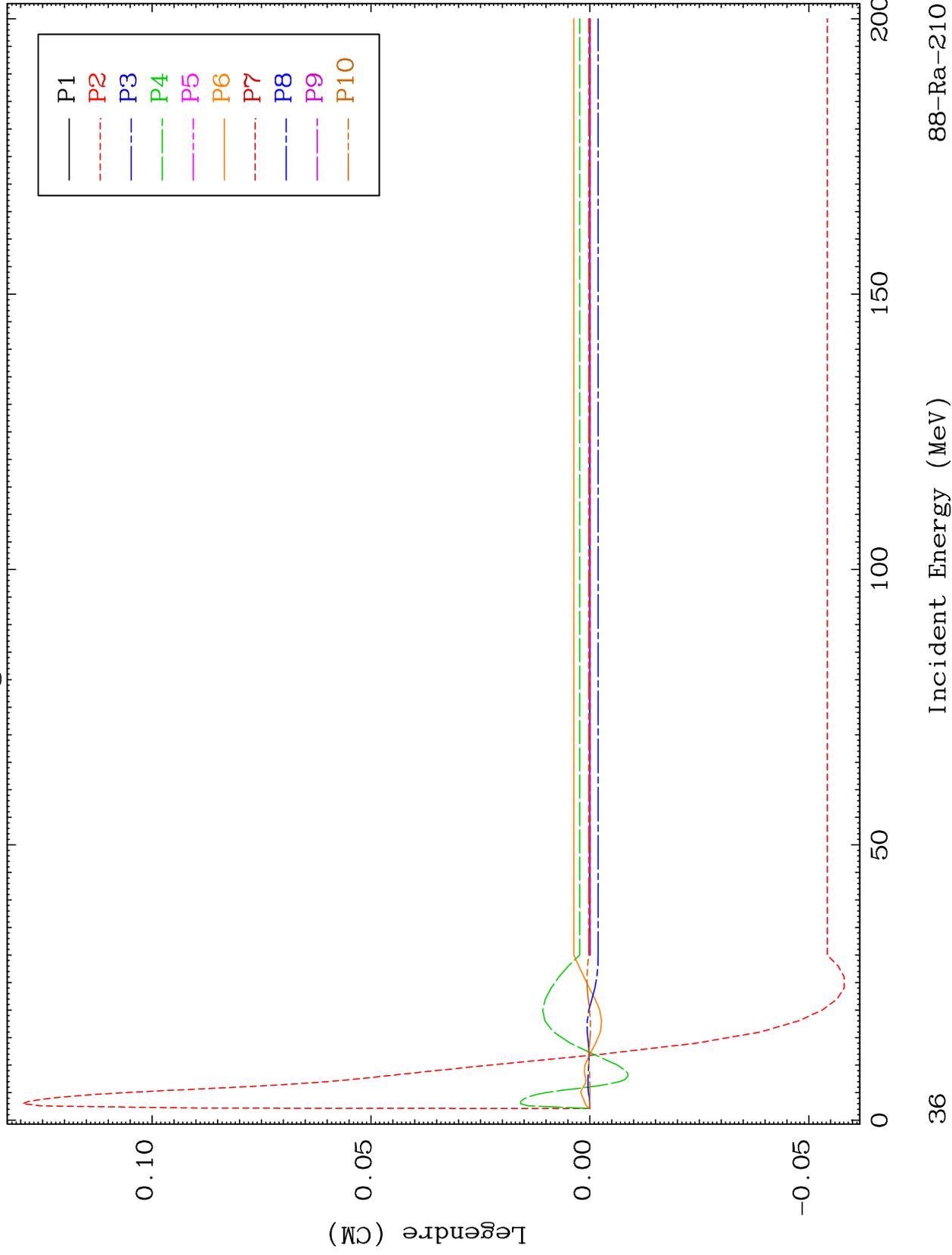
88-Ra-210



MAT 8786

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

88-Ra-210



88-Ra-210

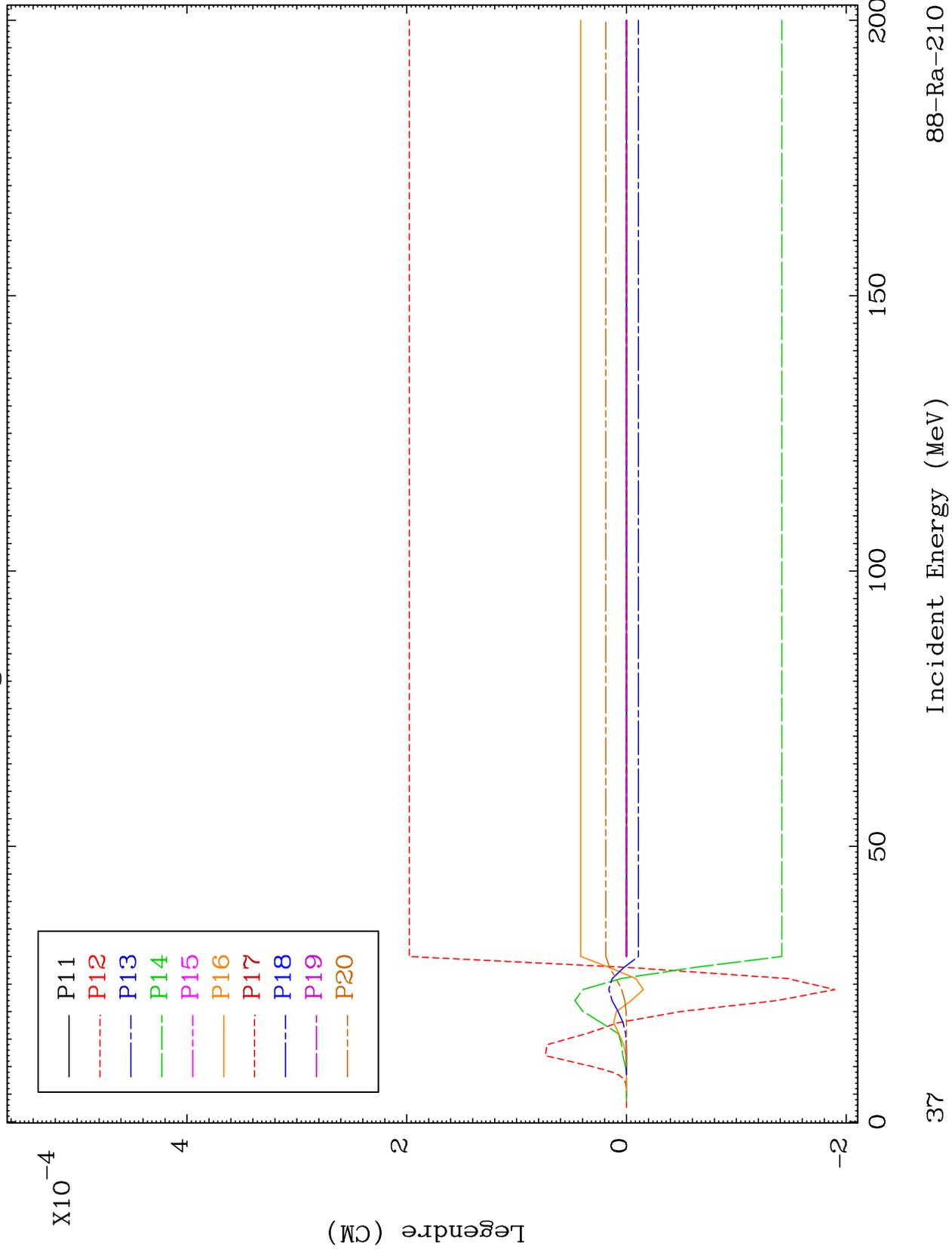
Incident Energy (MeV)

36

MAT 8786

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

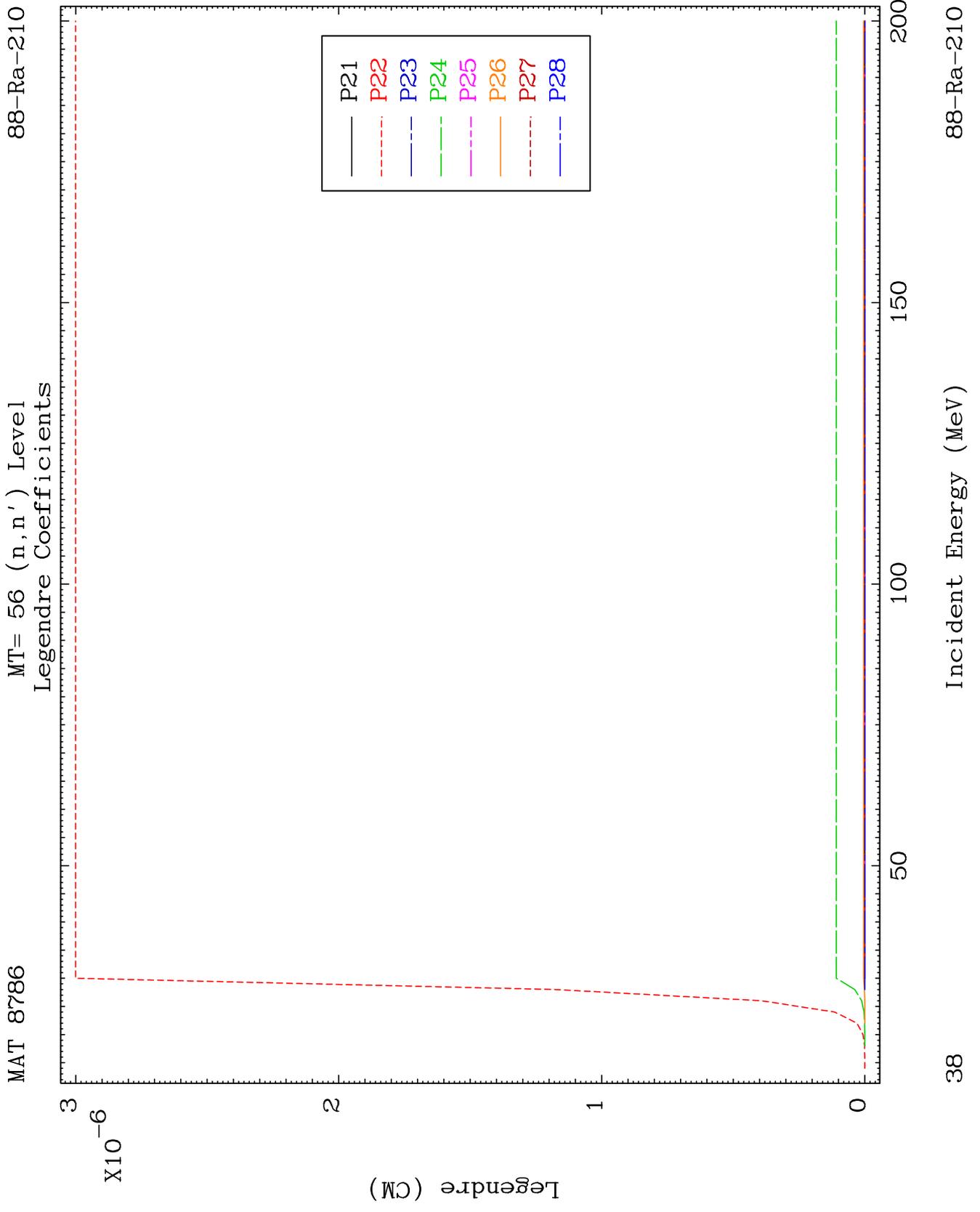
88-Ra-210



37

Incident Energy (MeV)

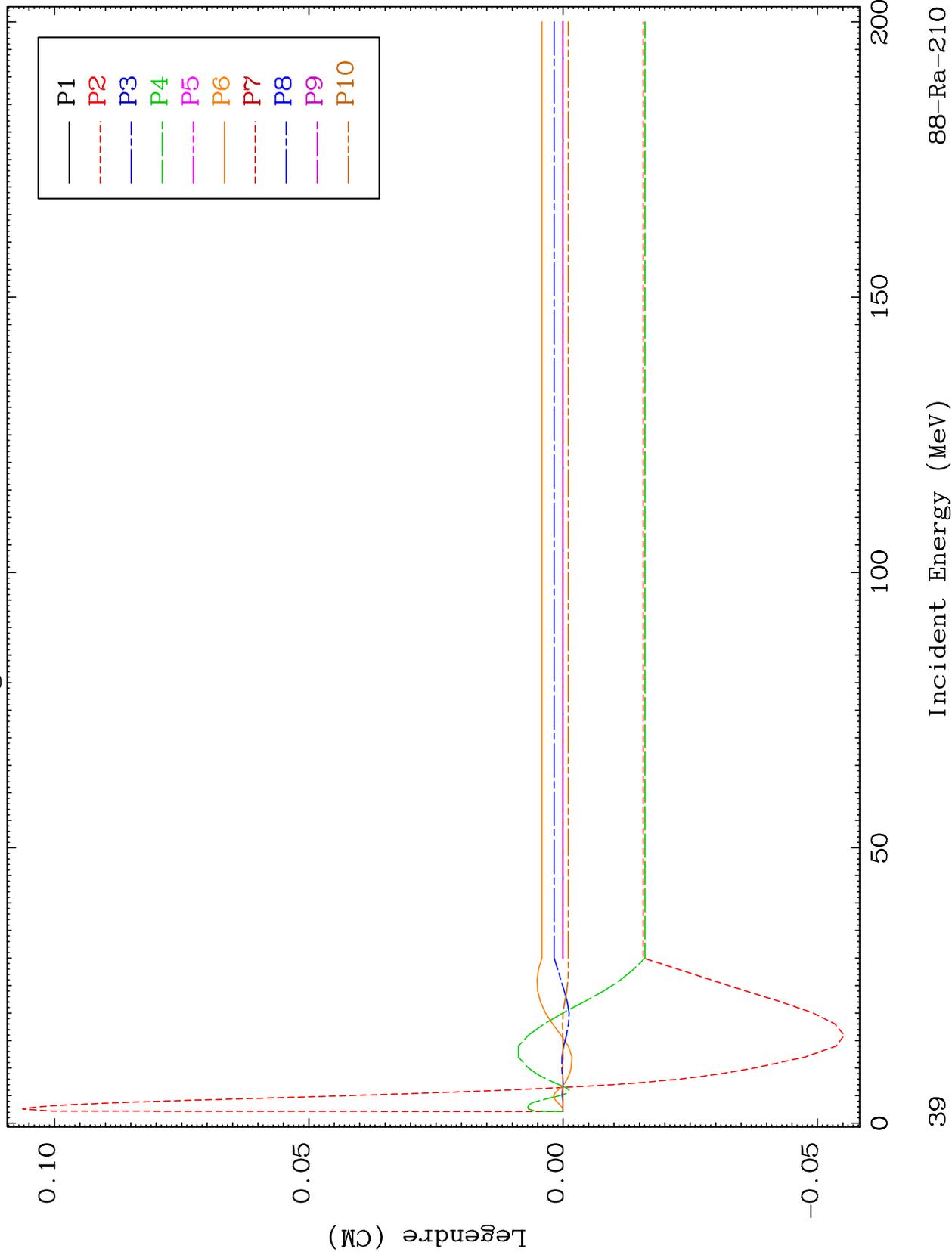
88-Ra-210



MAT 8786

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

88-Ra-210



88-Ra-210

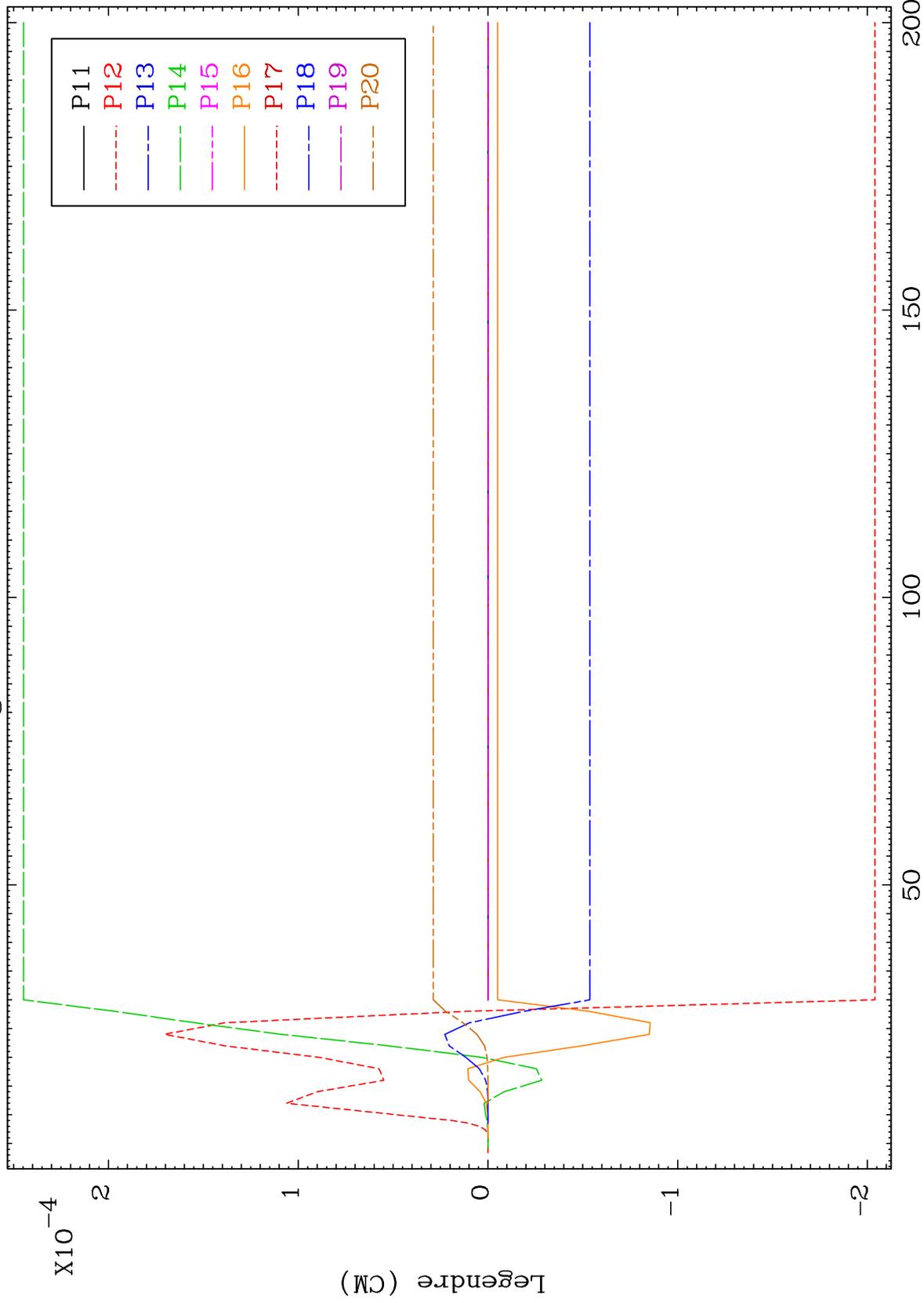
Incident Energy (MeV)

39

MAT 8786

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

88-Ra-210



40

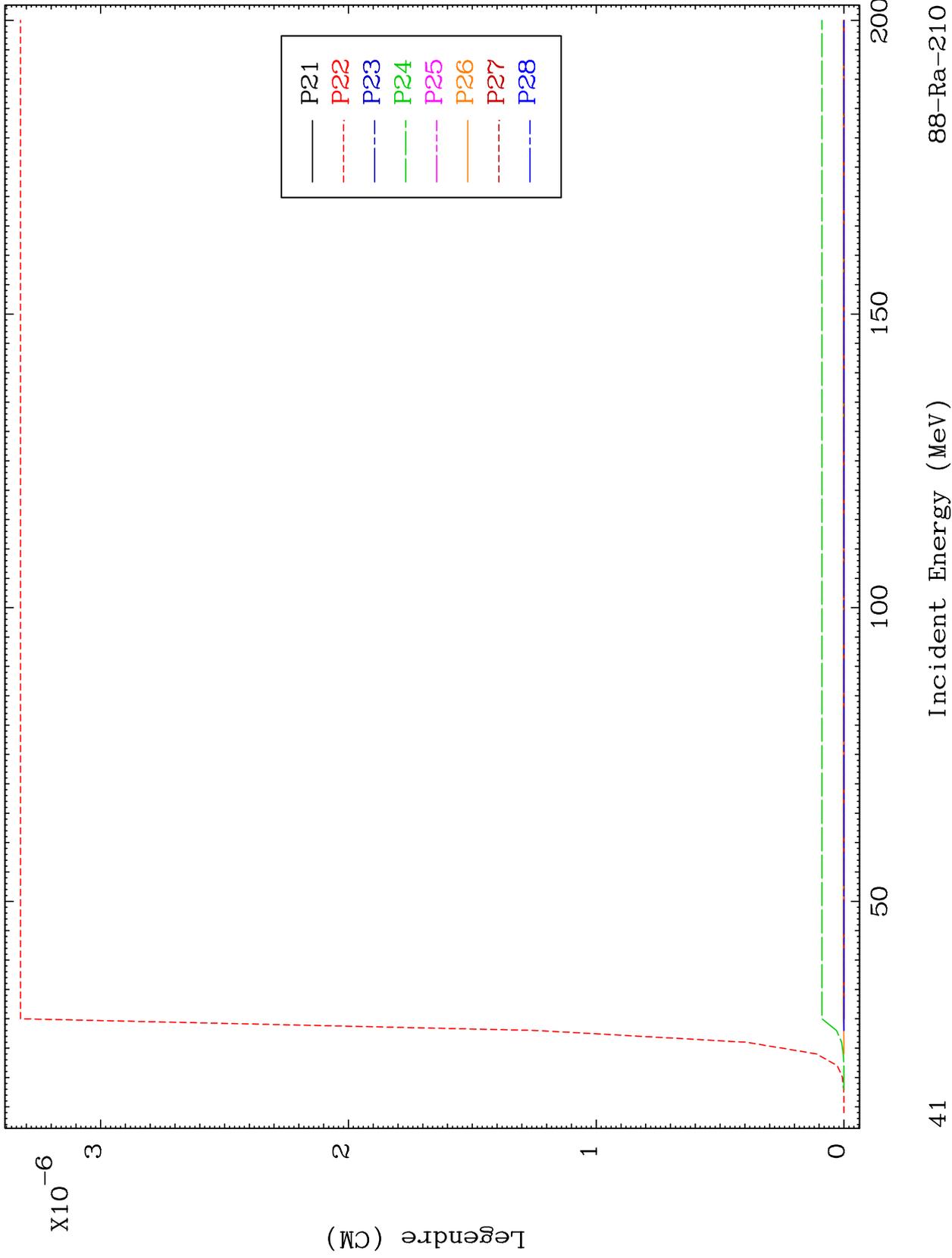
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



41

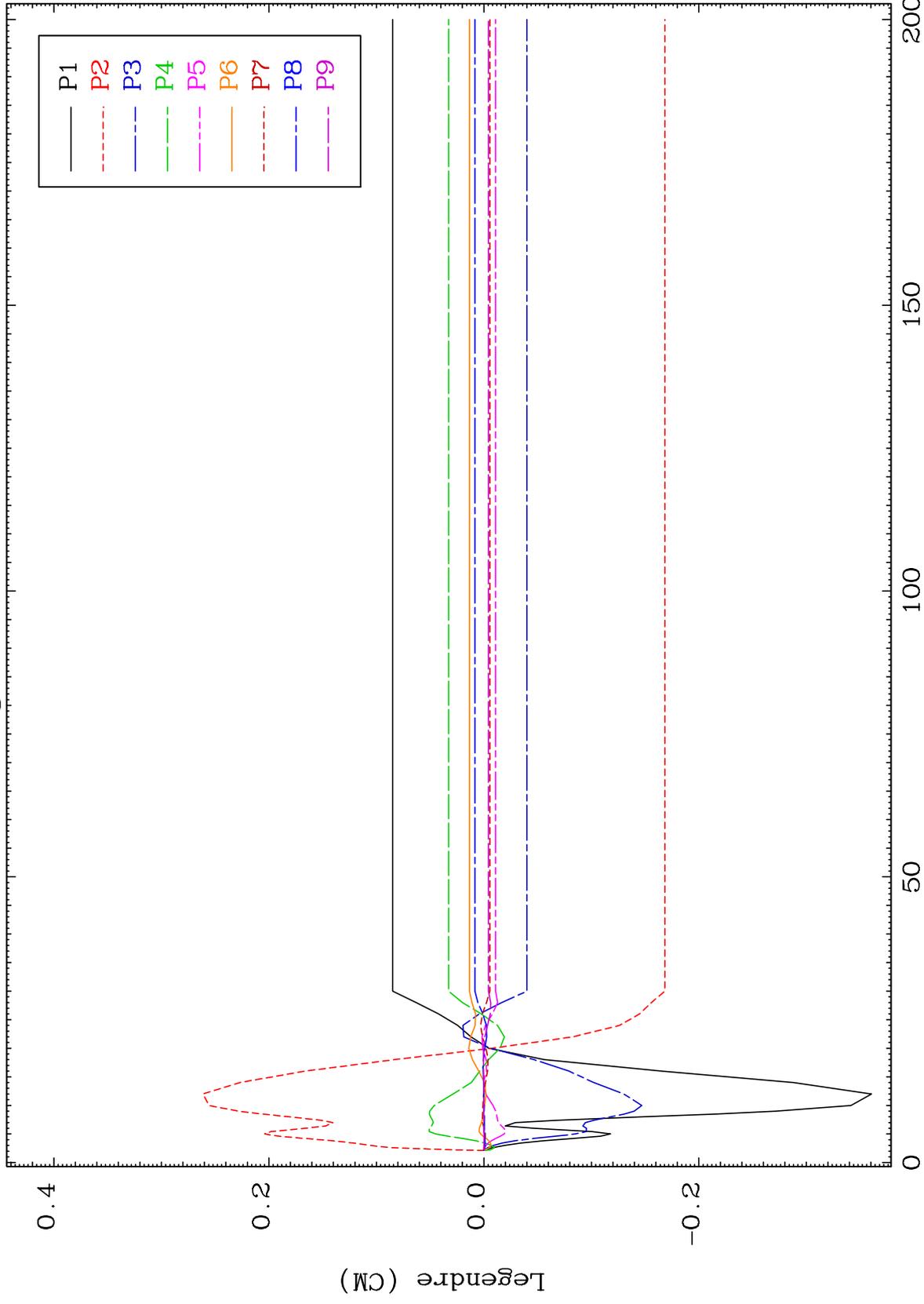
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



42

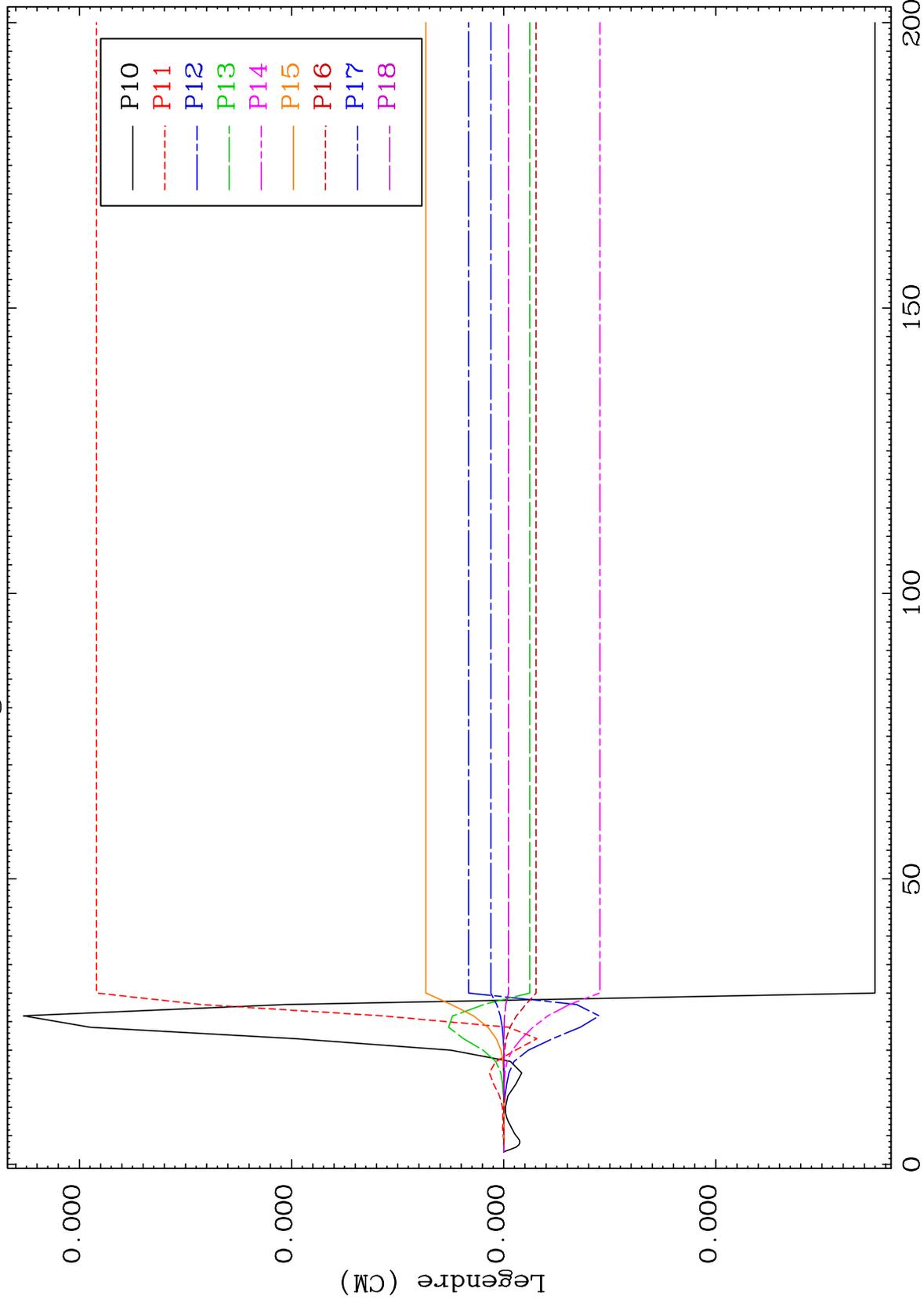
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



43

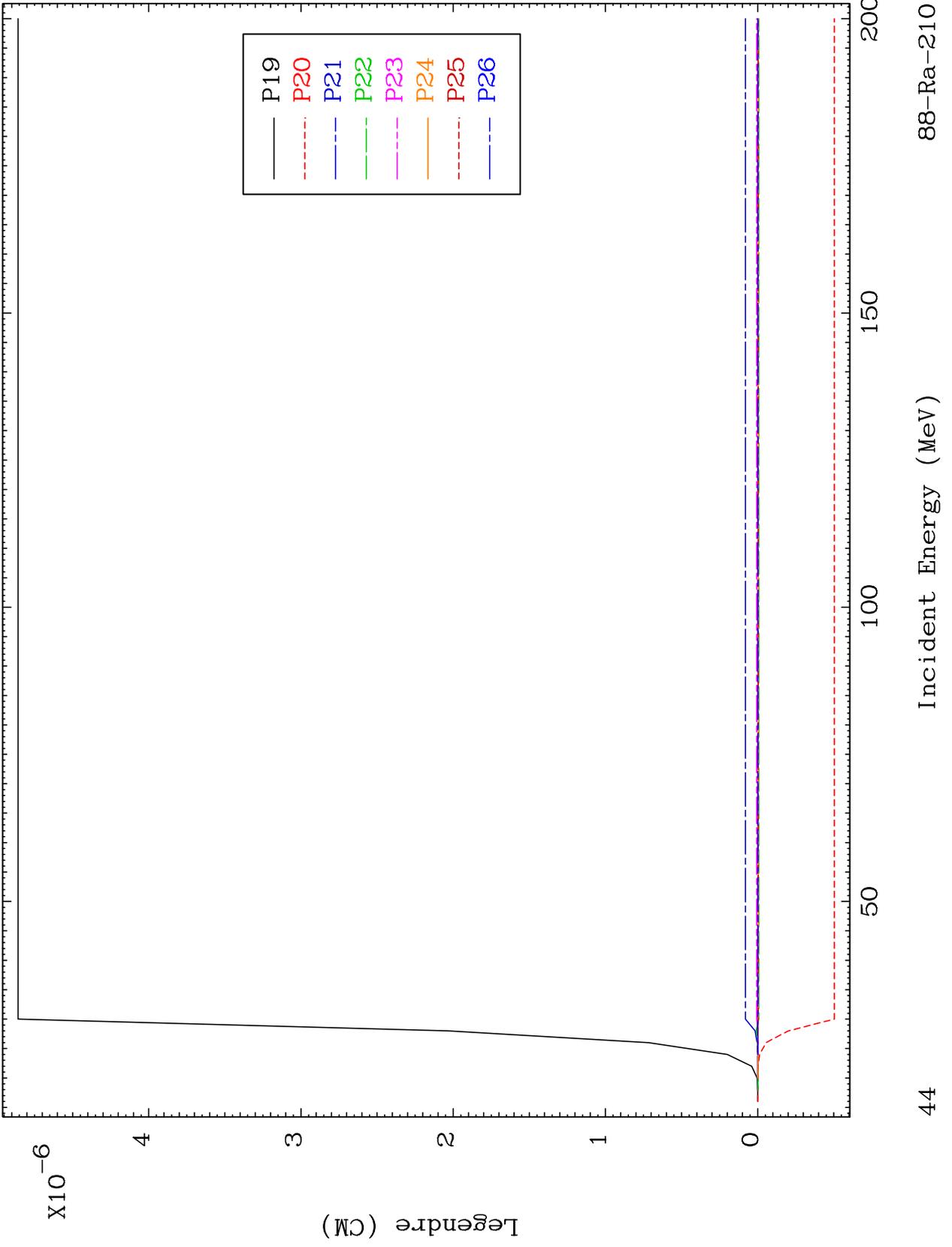
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



44

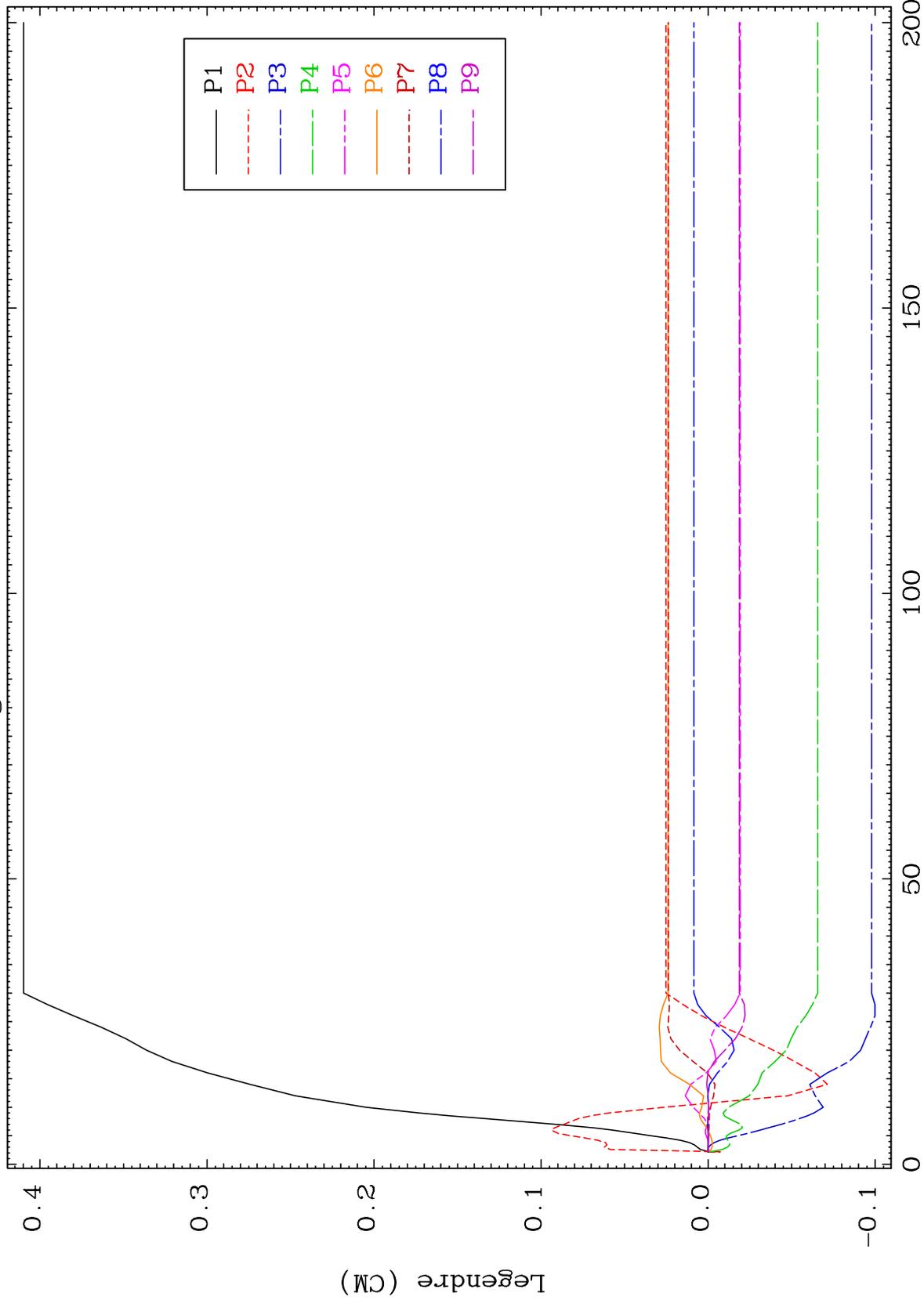
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



45

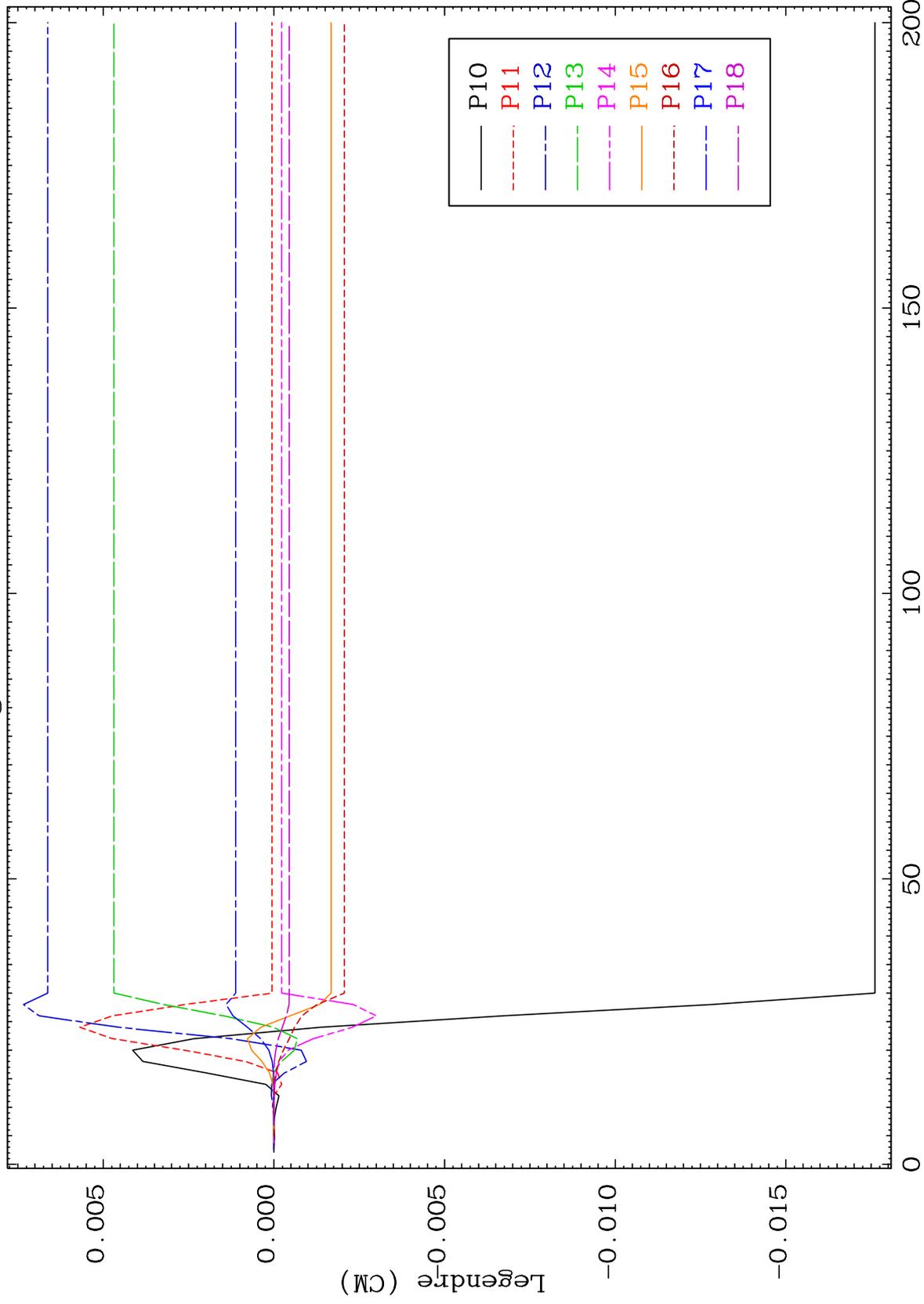
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



46

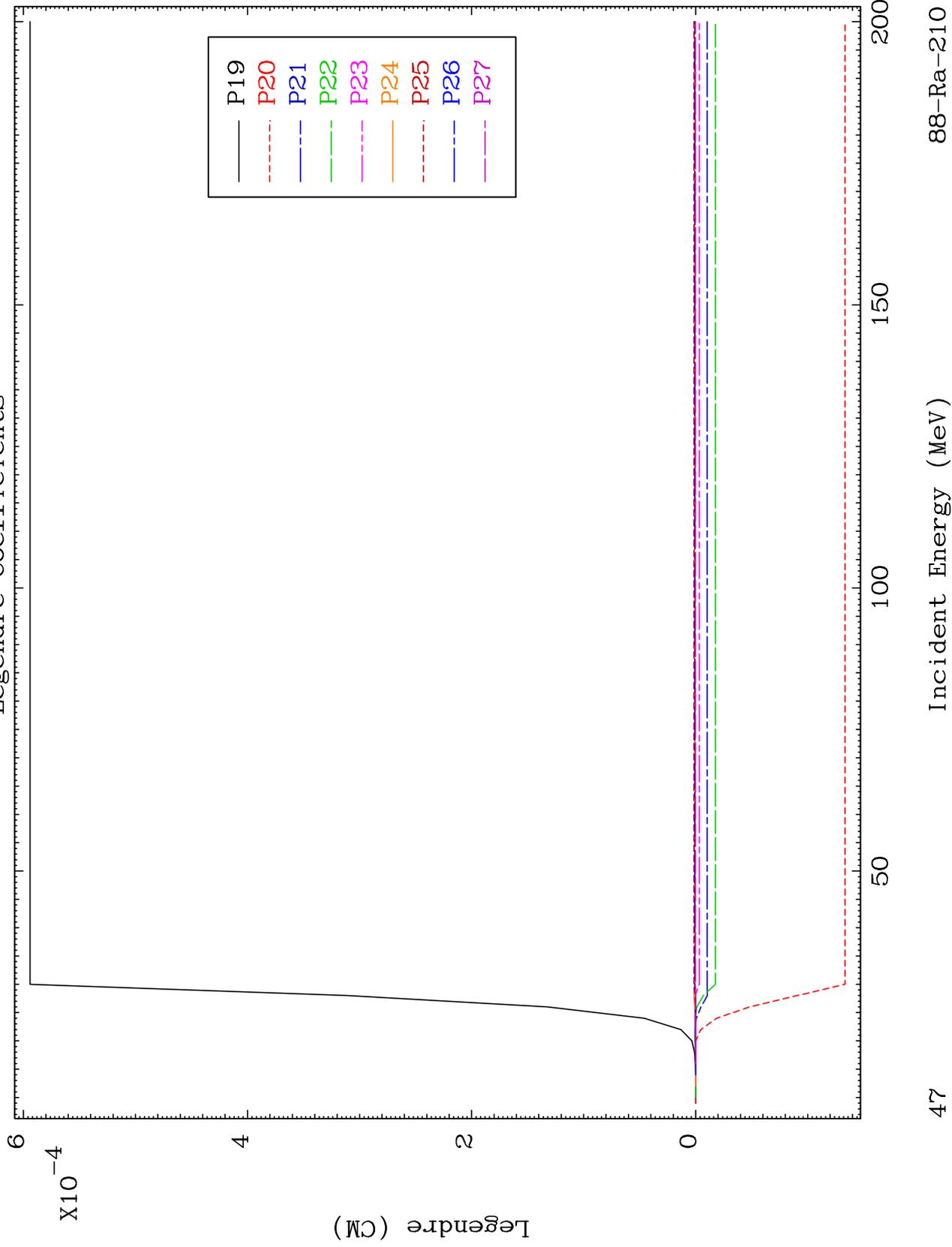
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

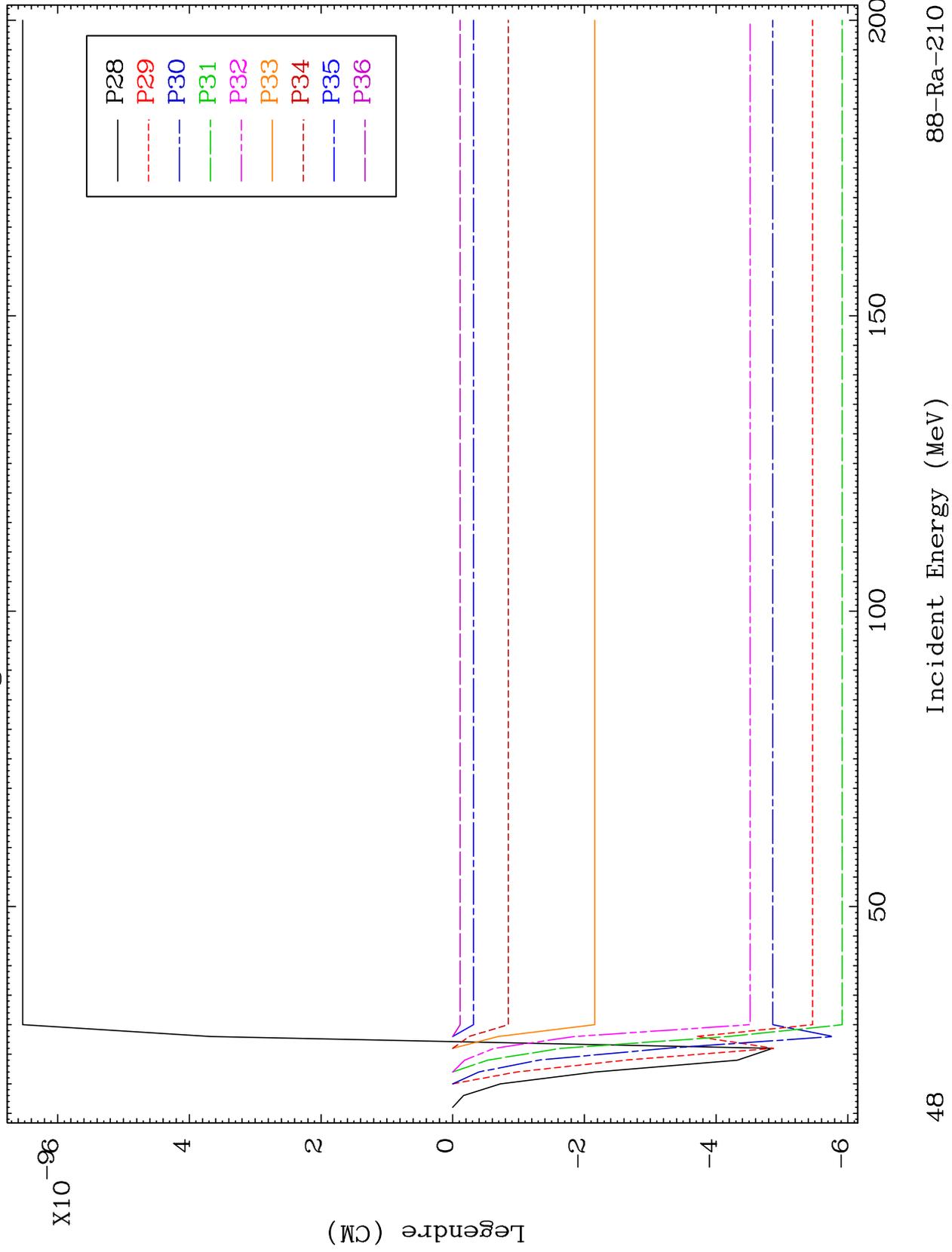
88-Ra-210



MAT 8786

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

88-Ra-210



48

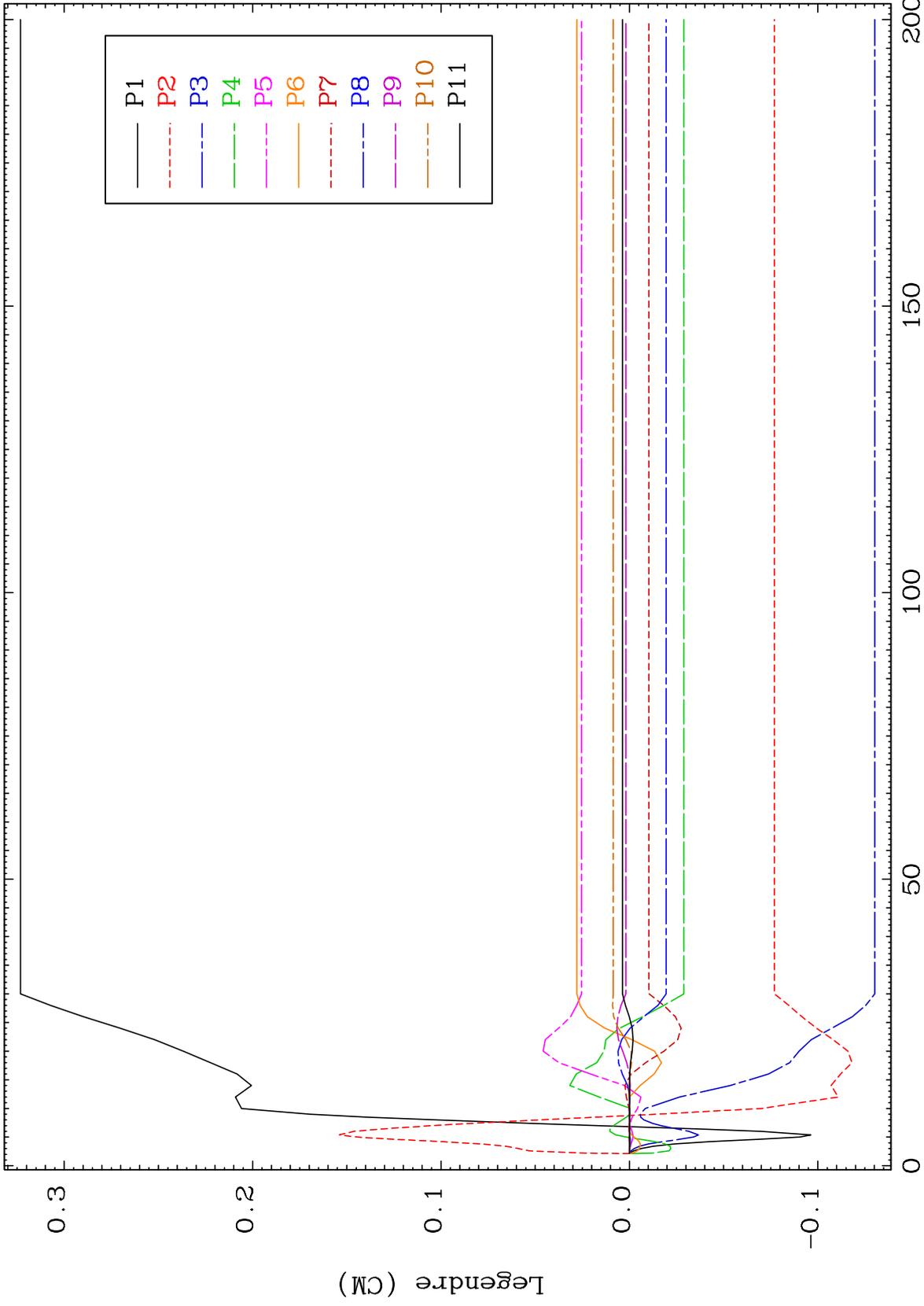
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



49

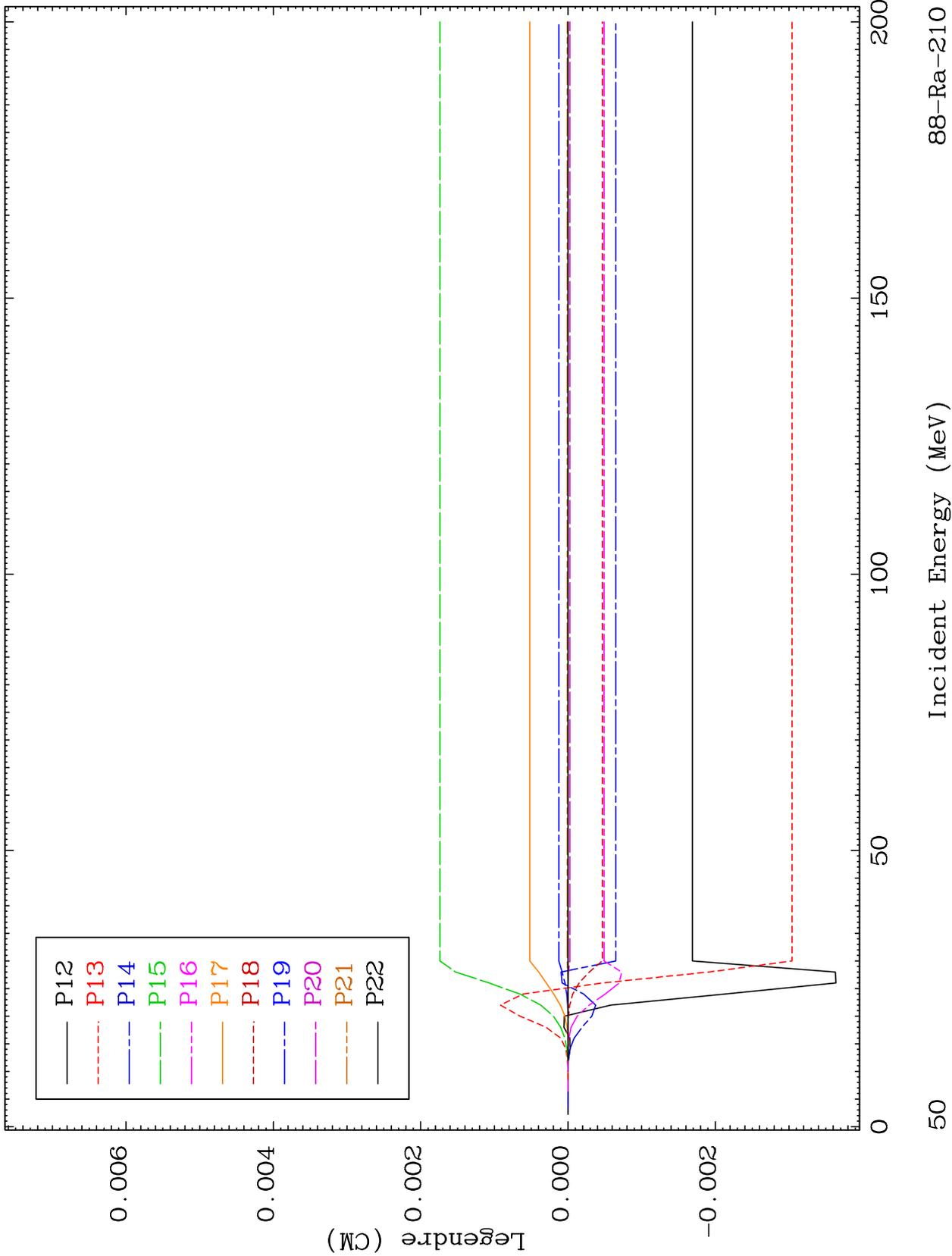
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

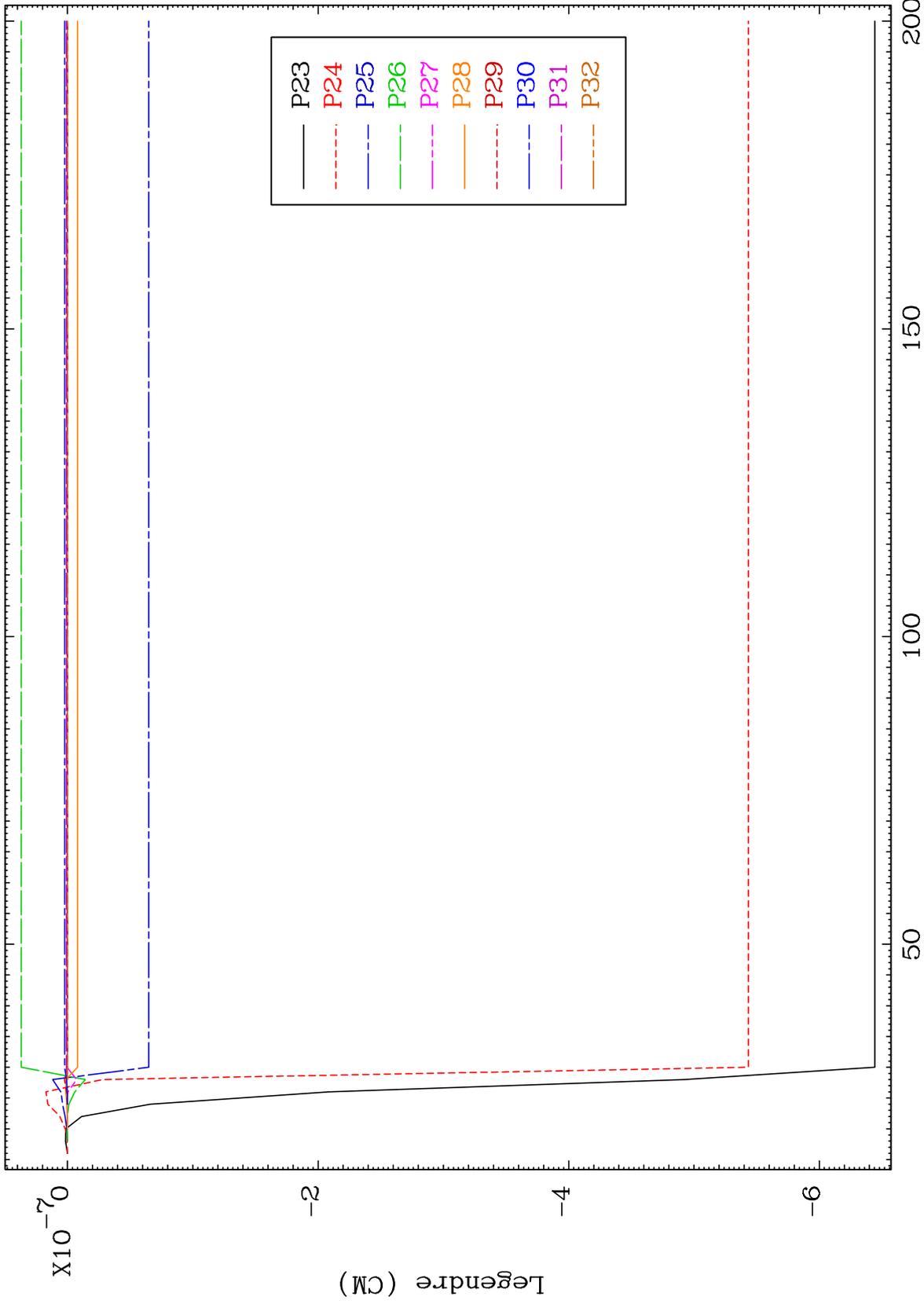
Incident Energy (MeV)

50

MAT 8786

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

88-Ra-210

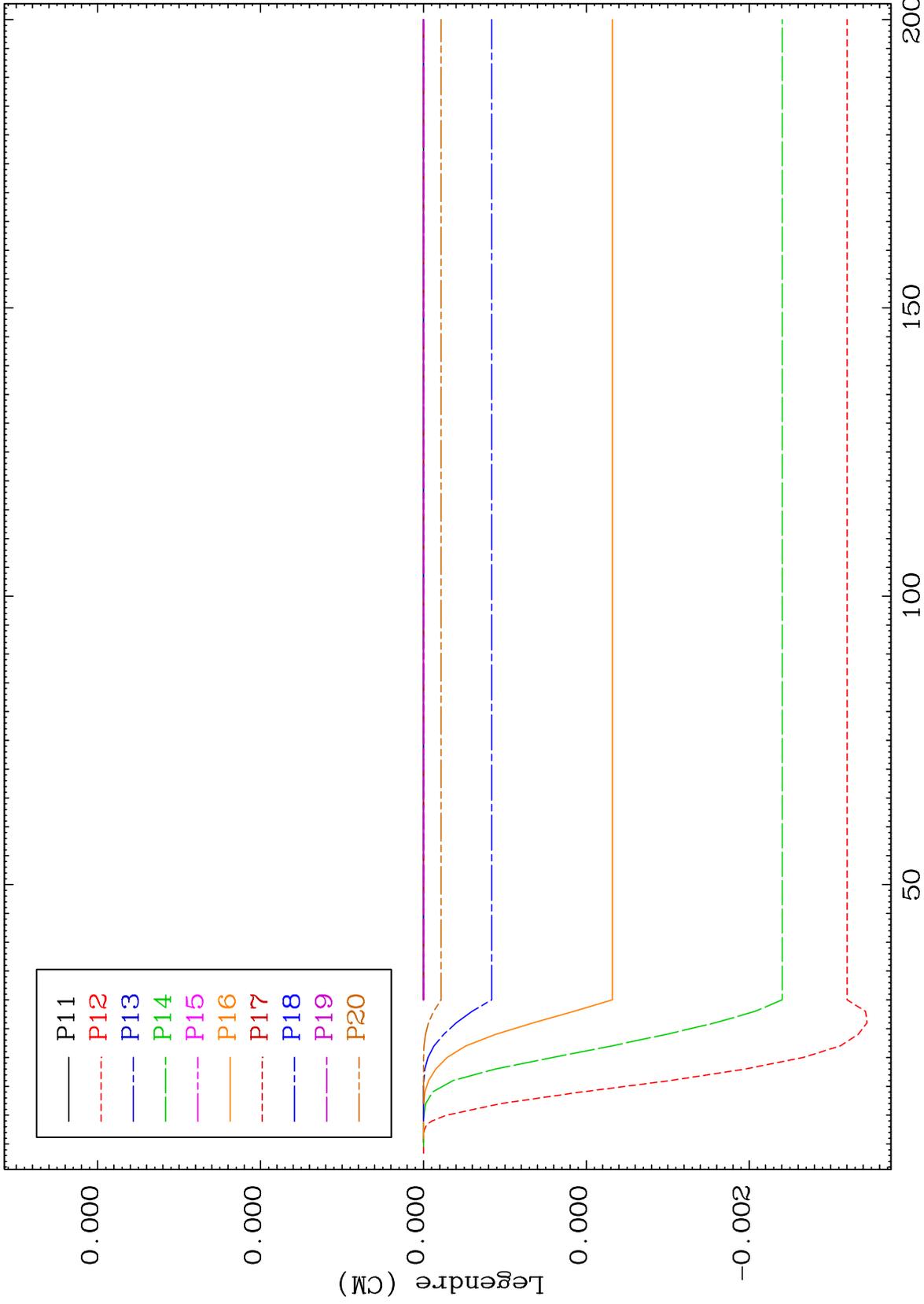


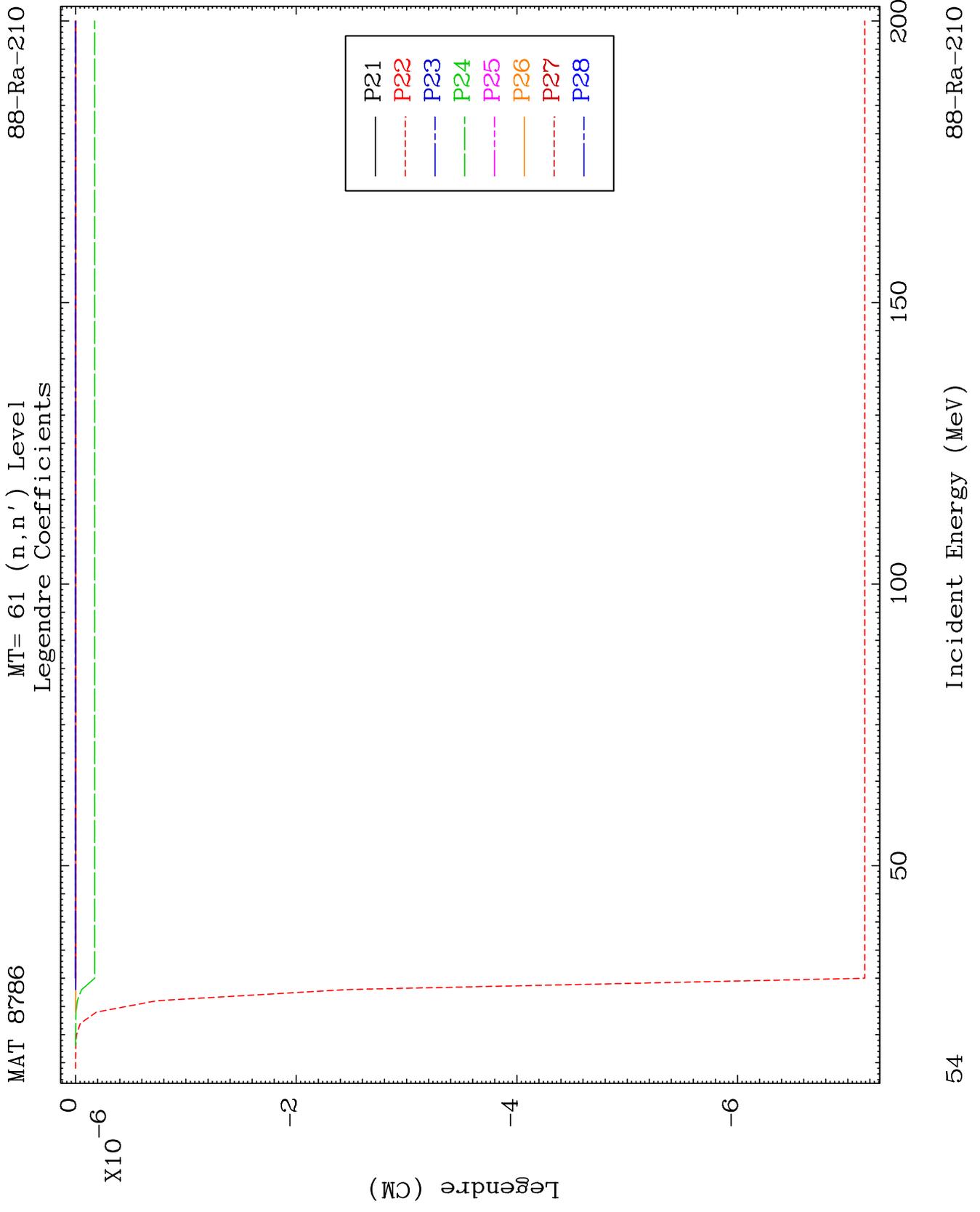
51

Incident Energy (MeV)

88-Ra-210



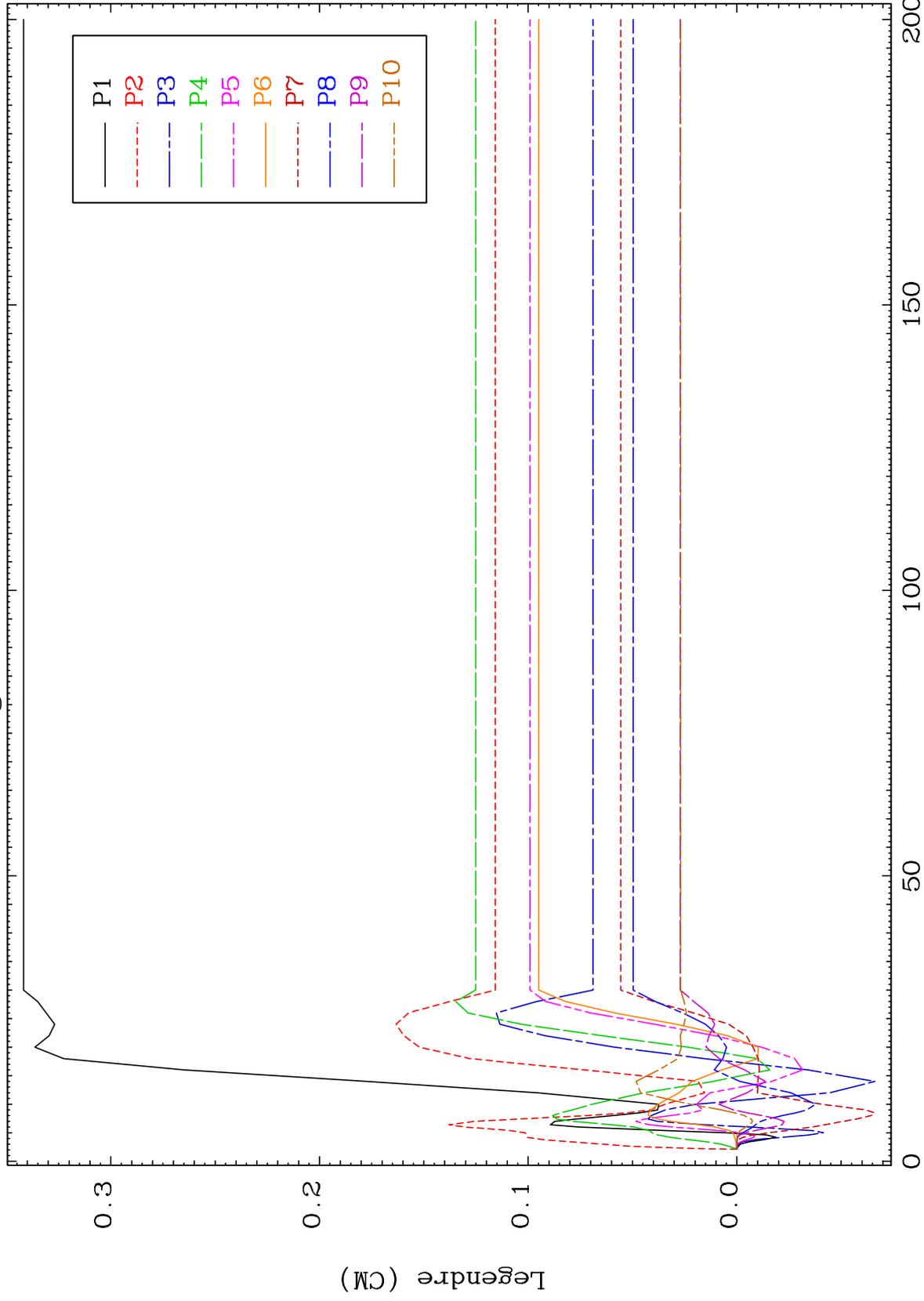




MAT 8786

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

88-Ra-210



88-Ra-210

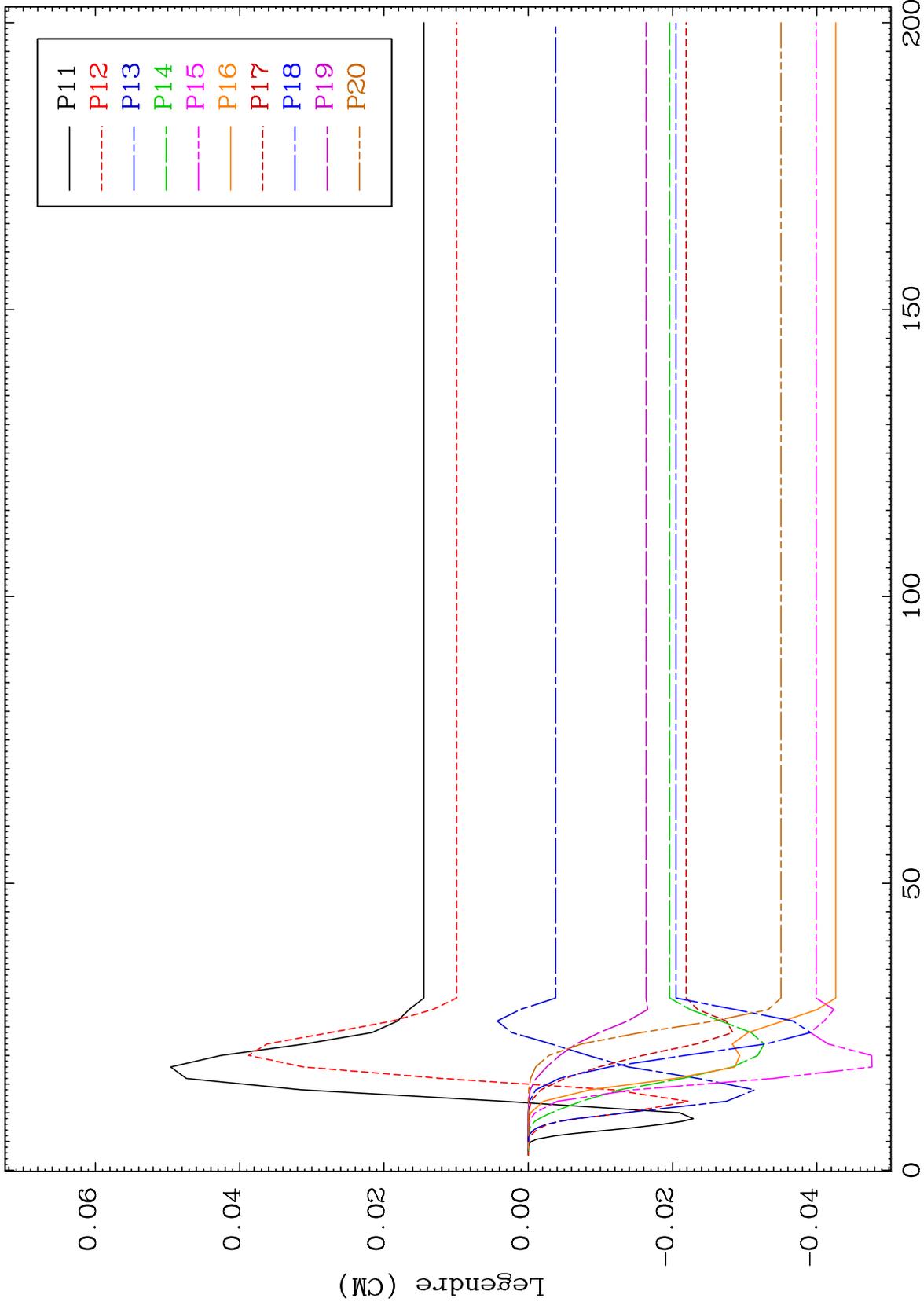
Incident Energy (MeV)

55

MAT 8786

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

88-Ra-210



56

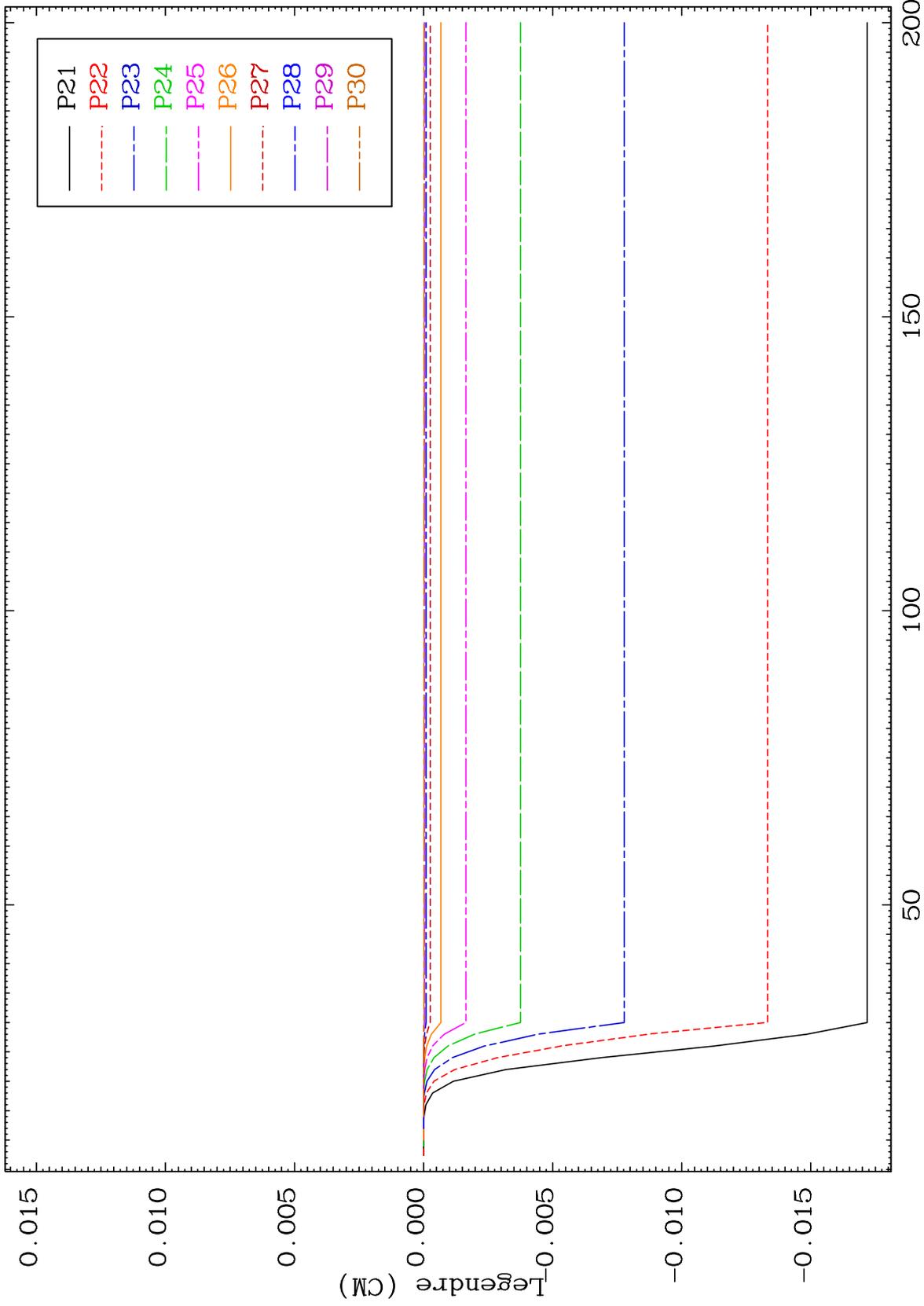
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

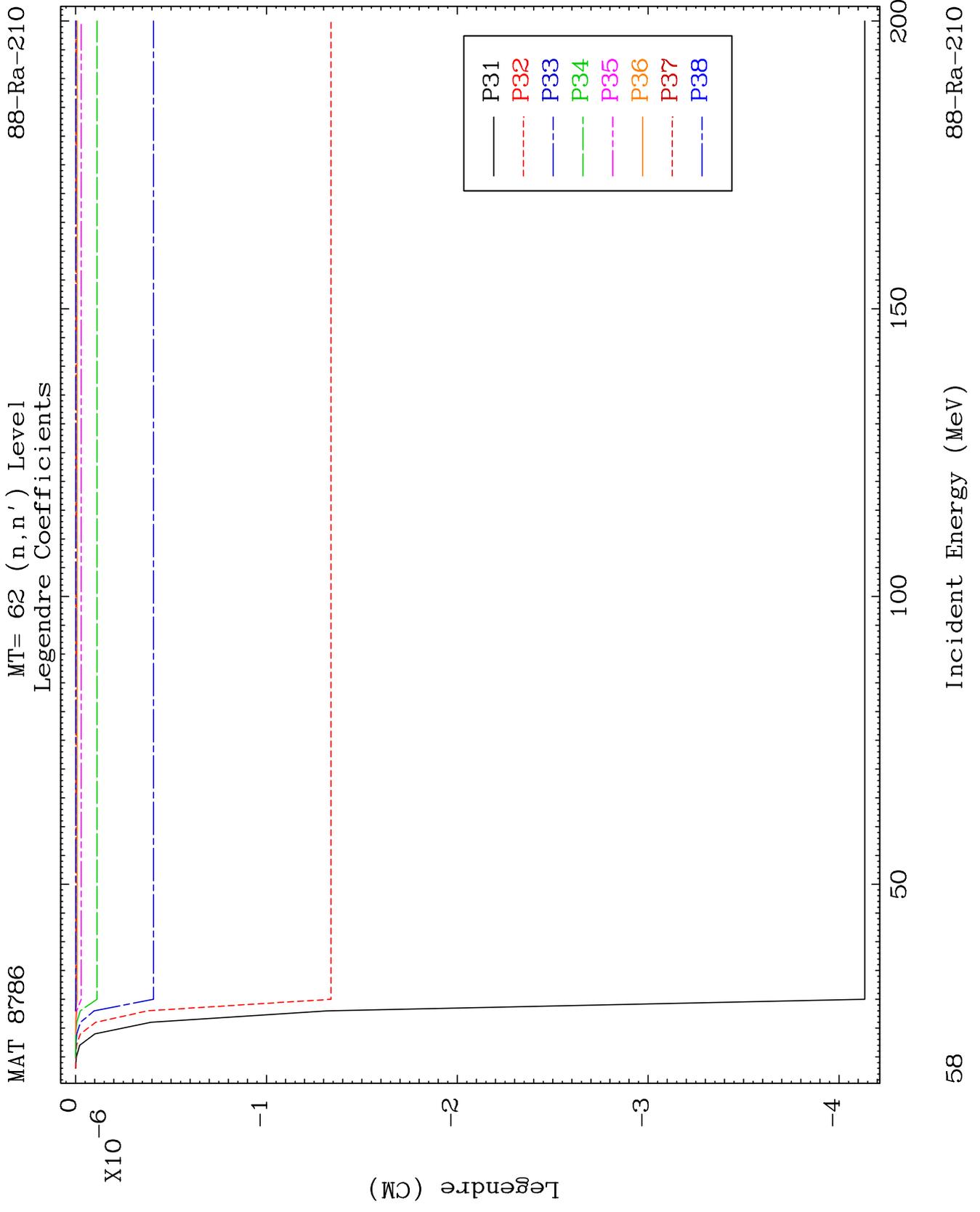
88-Ra-210



57

Incident Energy (MeV)

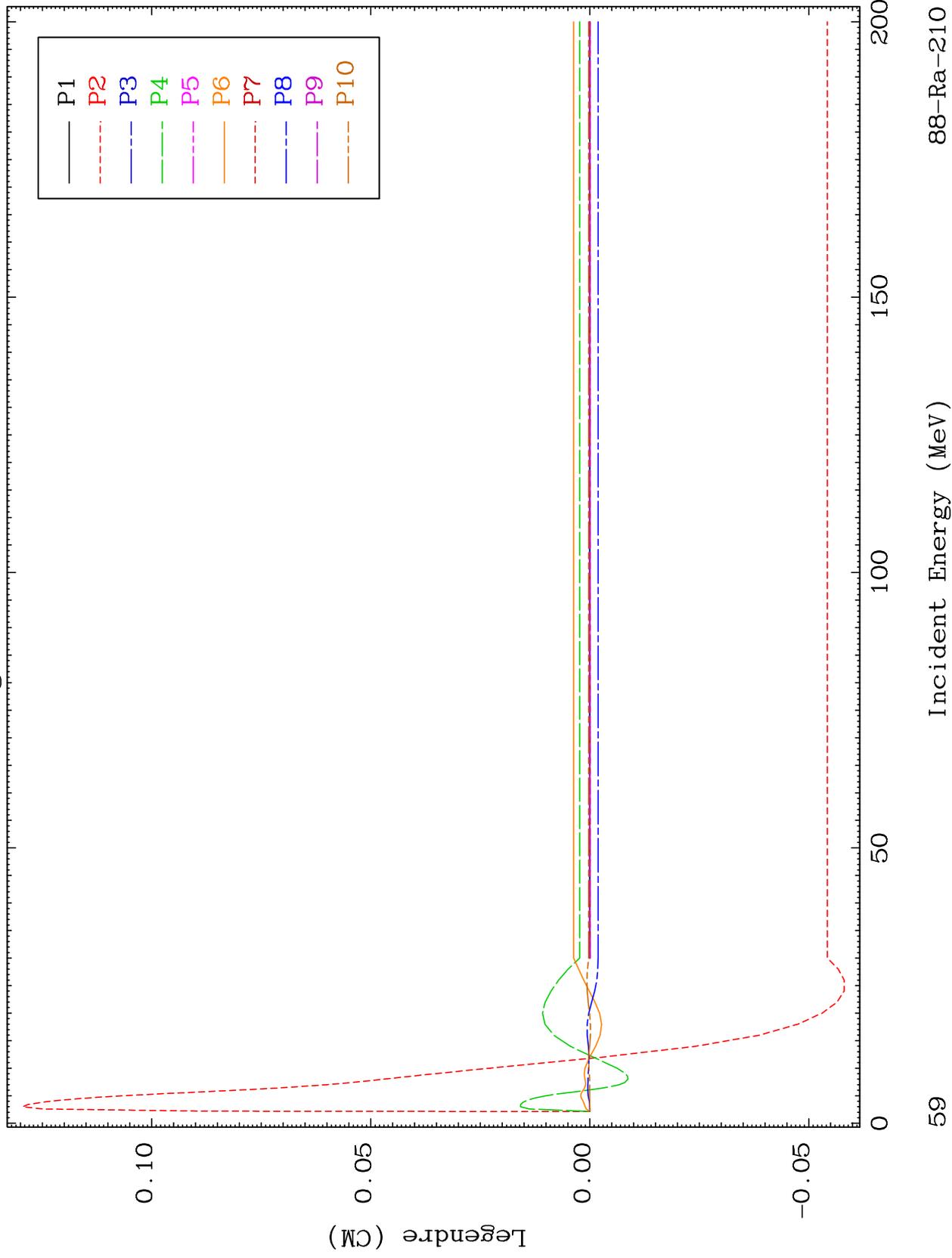
88-Ra-210



MAT 8786

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

88-Ra-210



88-Ra-210

Incident Energy (MeV)

59

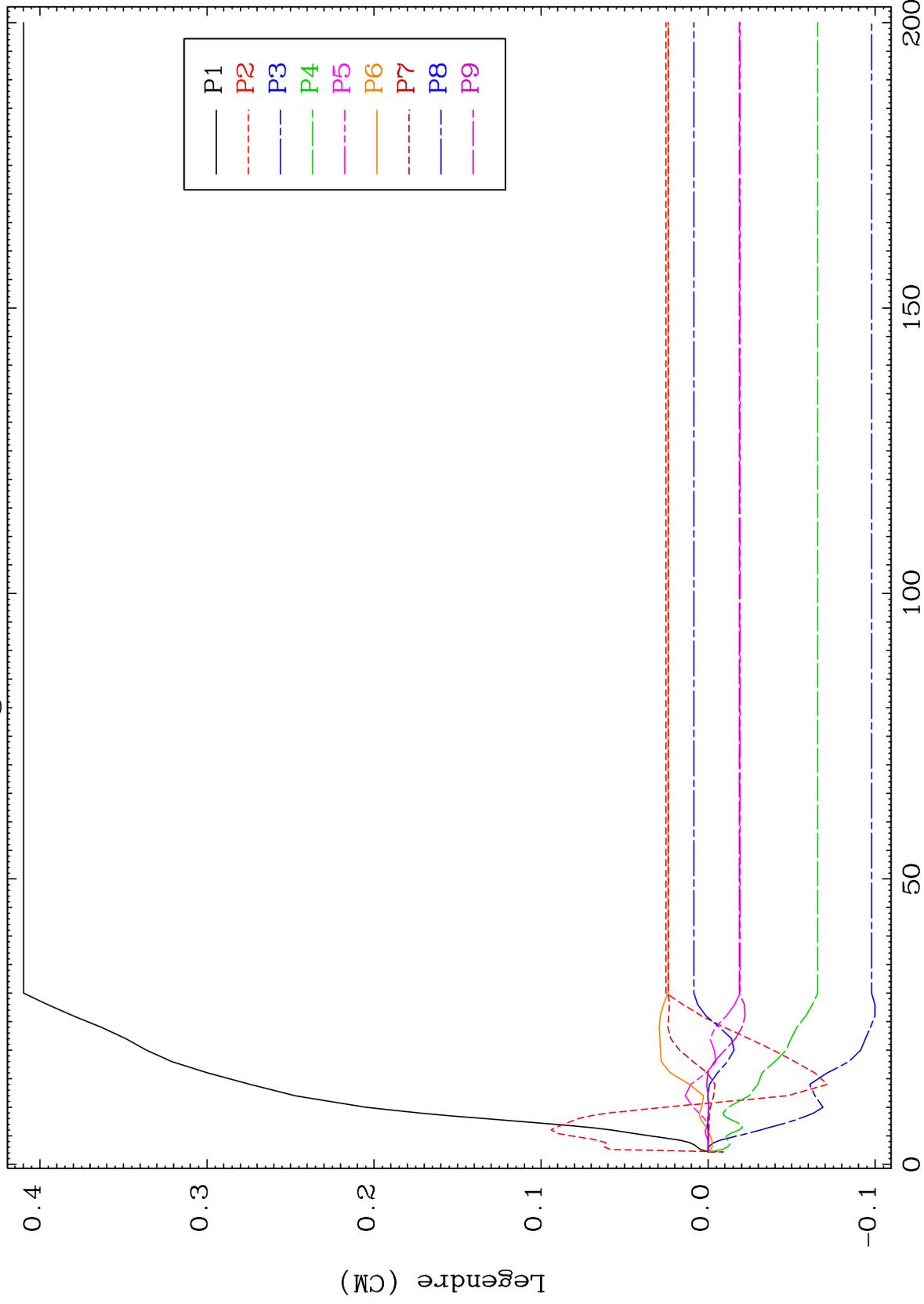




MAT 8786

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

88-Ra-210



62

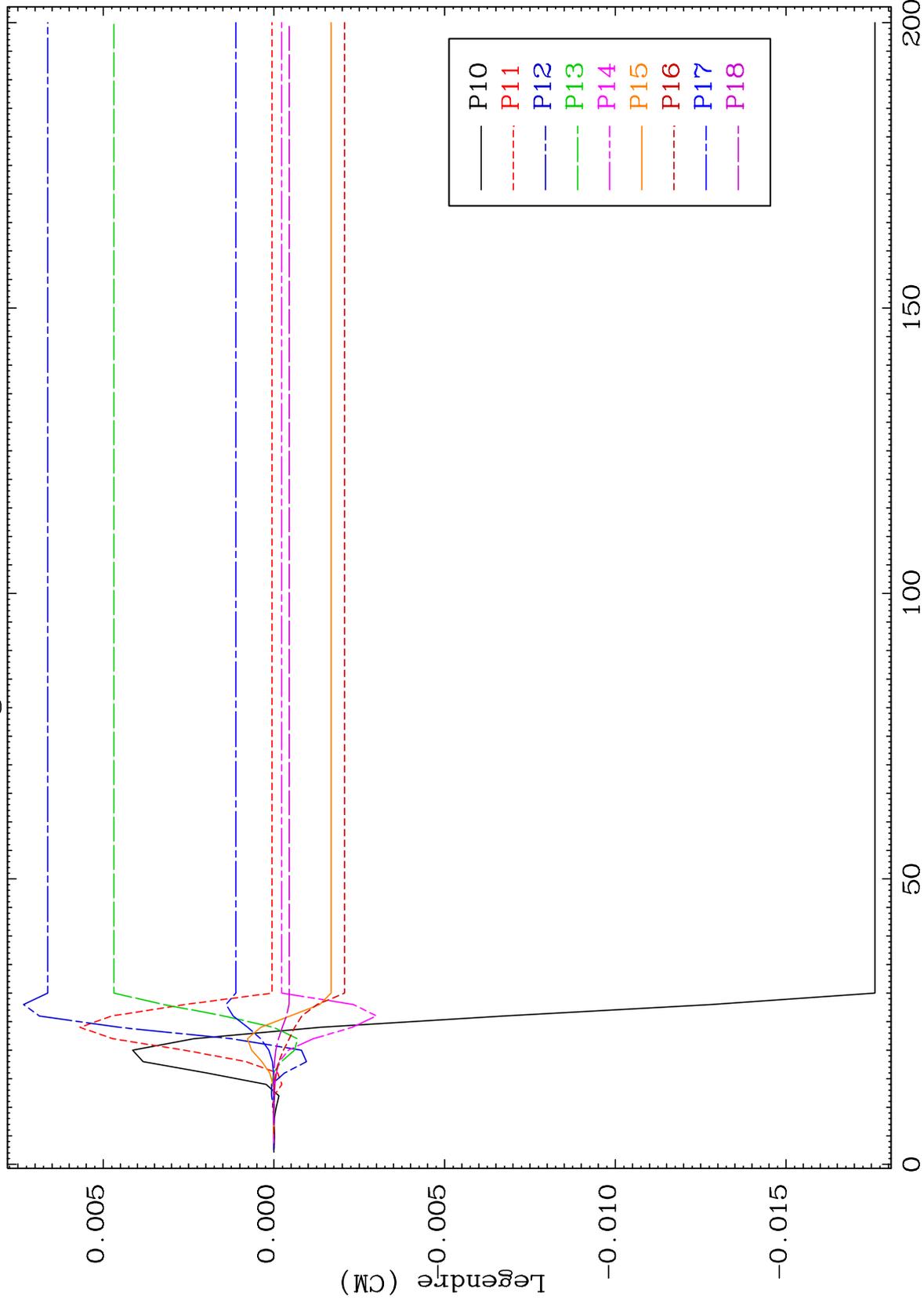
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



63

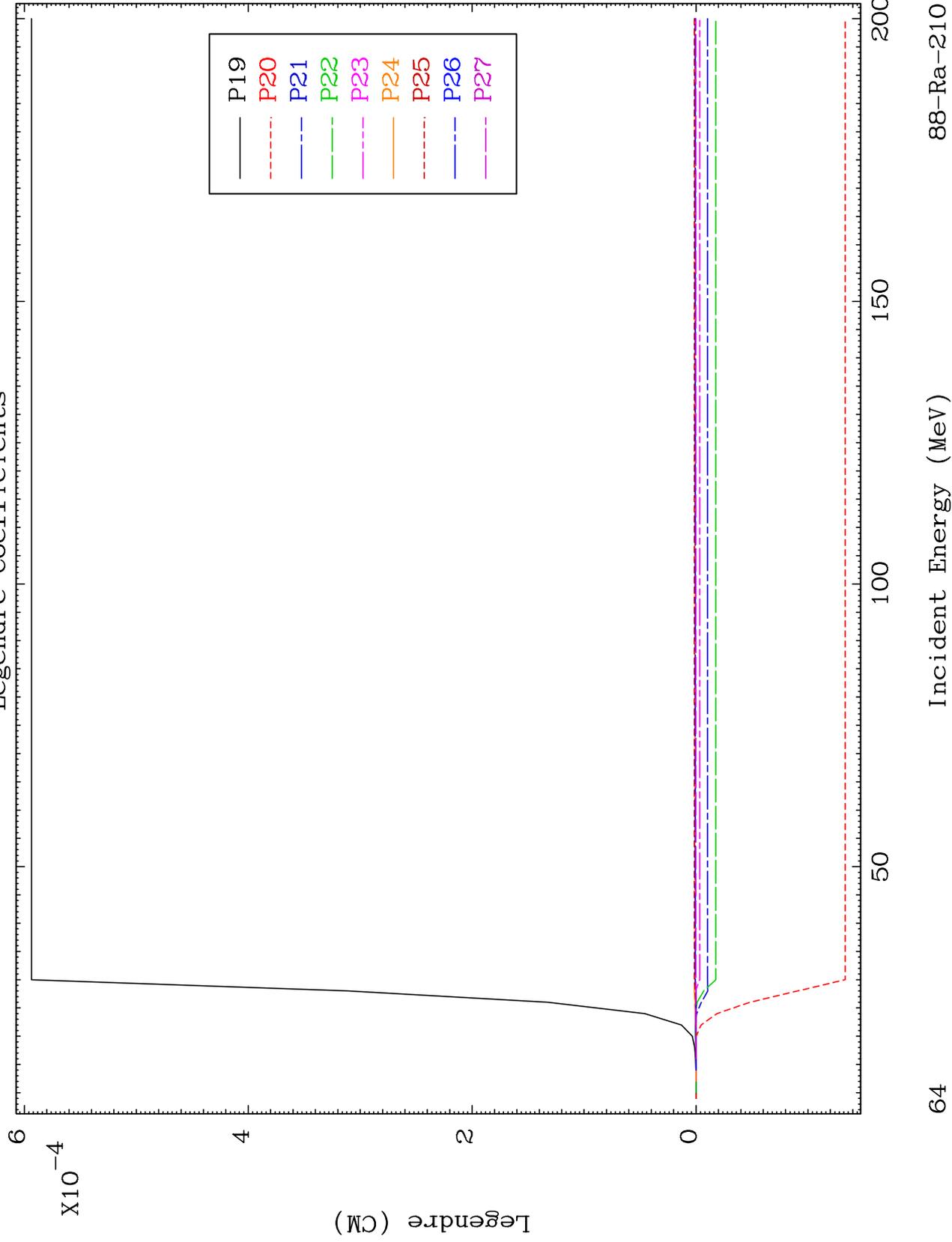
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



64

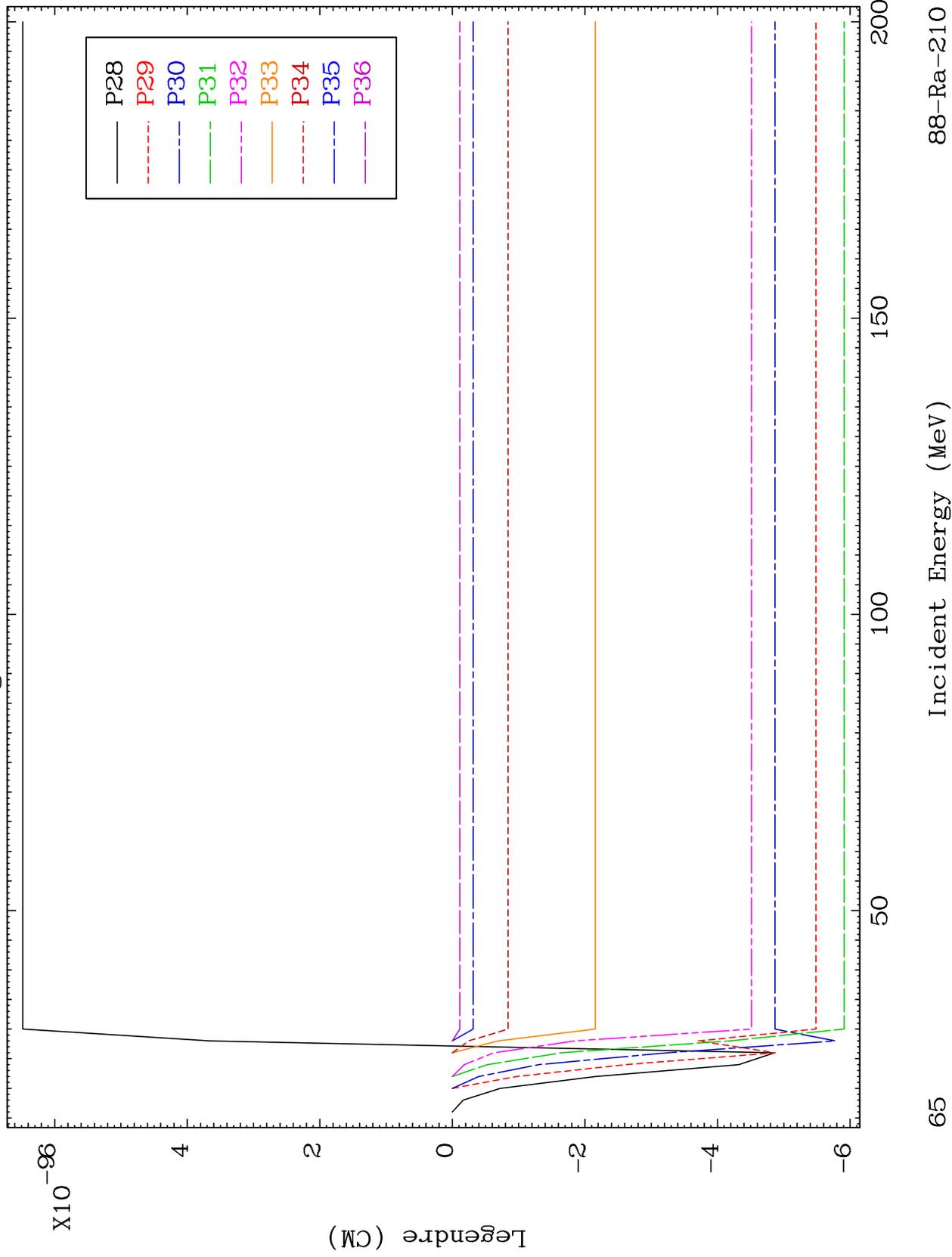
Incident Energy (MeV)

88-Ra-210

MAT 8786

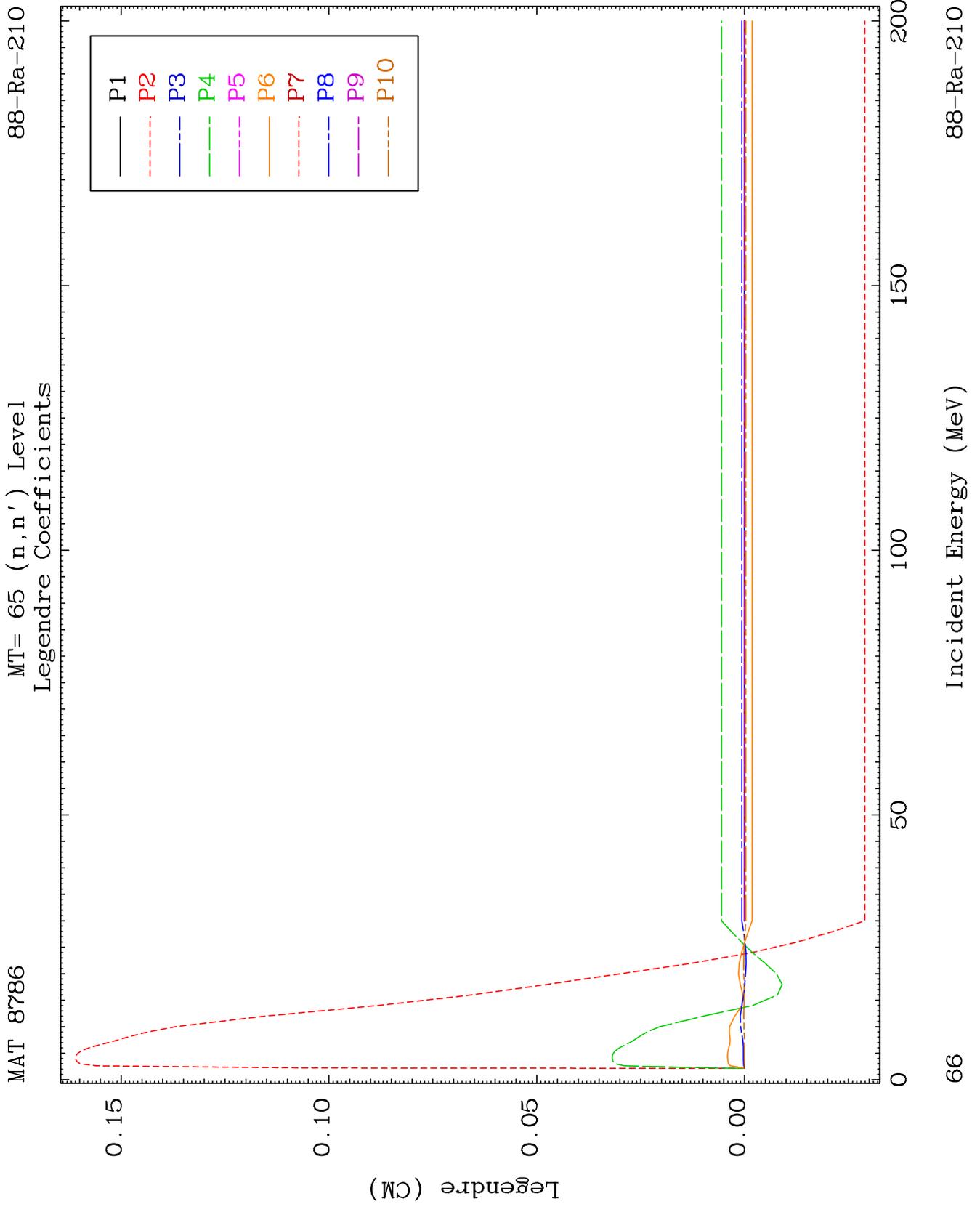
MT= 64 (n,n') Level  
Legendre Coefficients

88-Ra-210



65

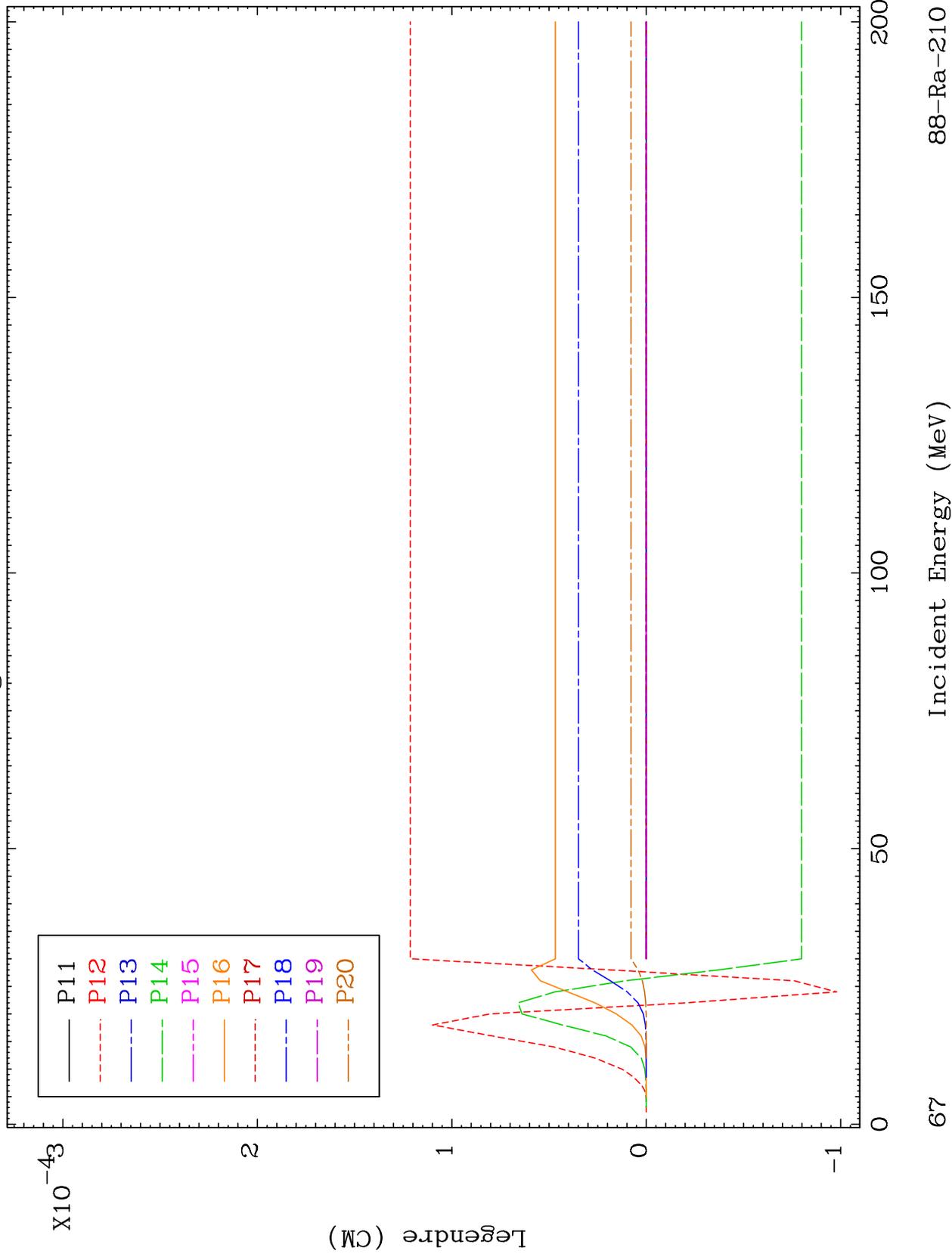
88-Ra-210



MAT 8786

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

88-Ra-210



67

Incident Energy (MeV)

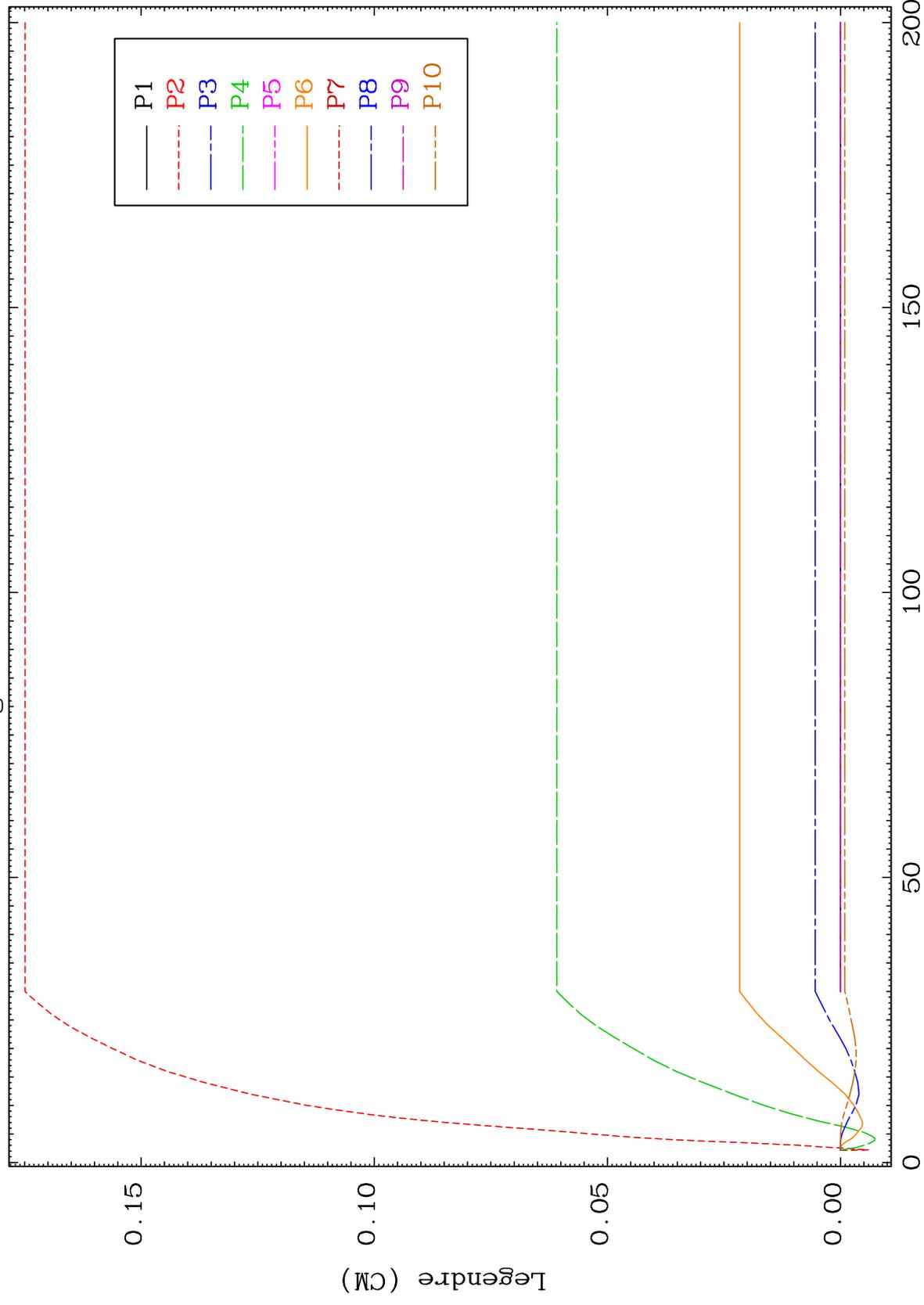
88-Ra-210



MAT 8786

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

88-Ra-210



88-Ra-210

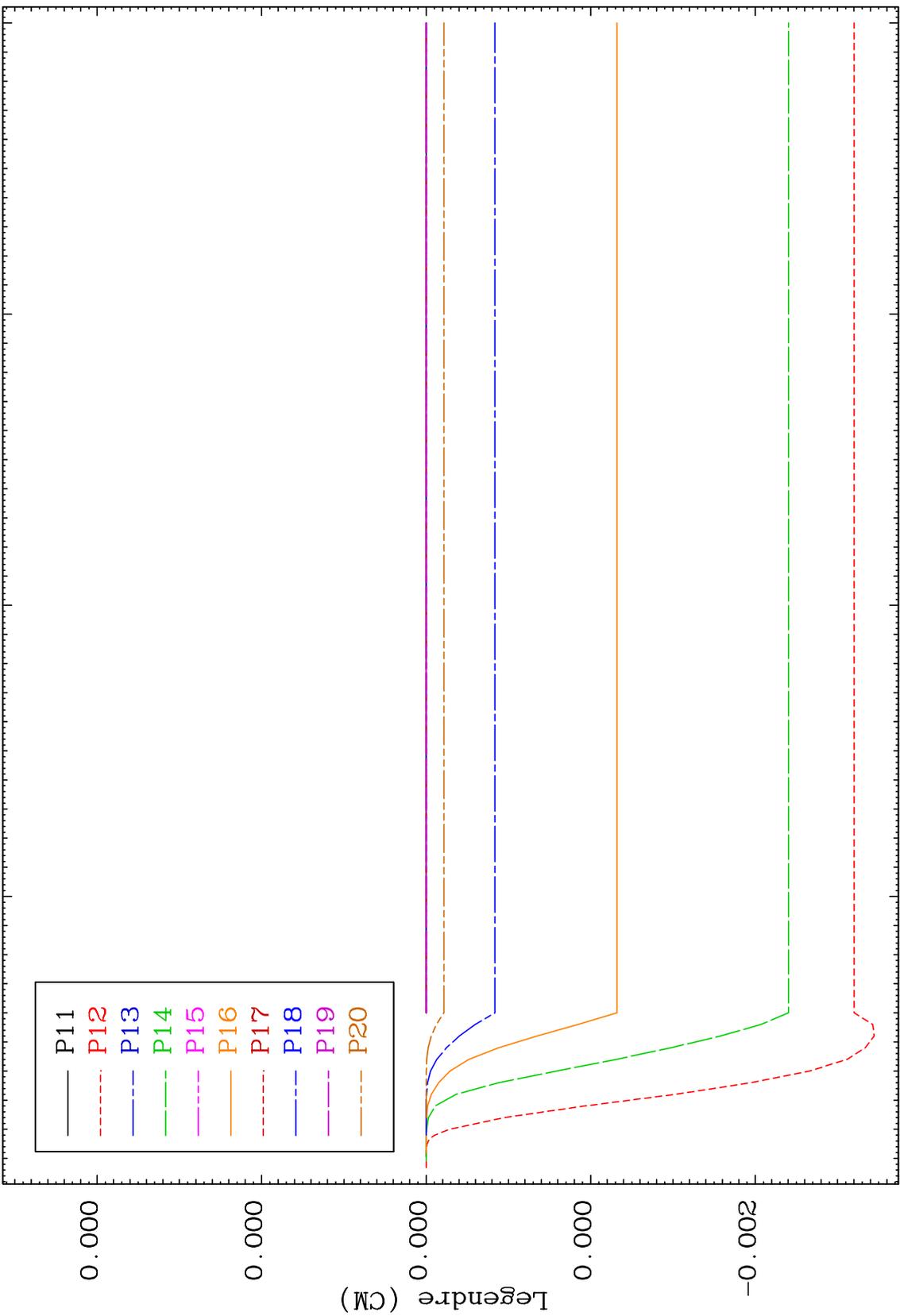
Incident Energy (MeV)

69

MAT 8786

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

88-Ra-210

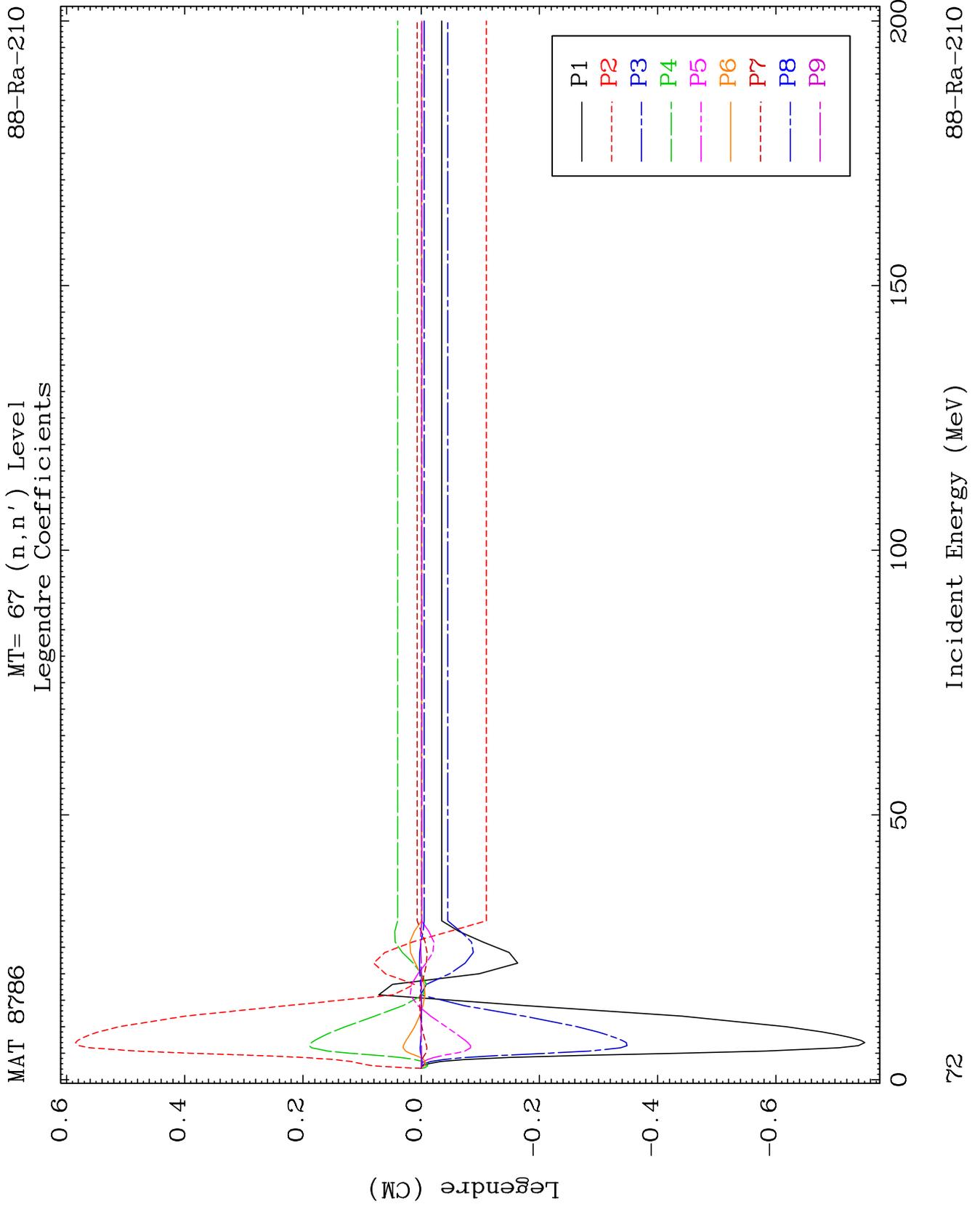


70

Incident Energy (MeV)

88-Ra-210

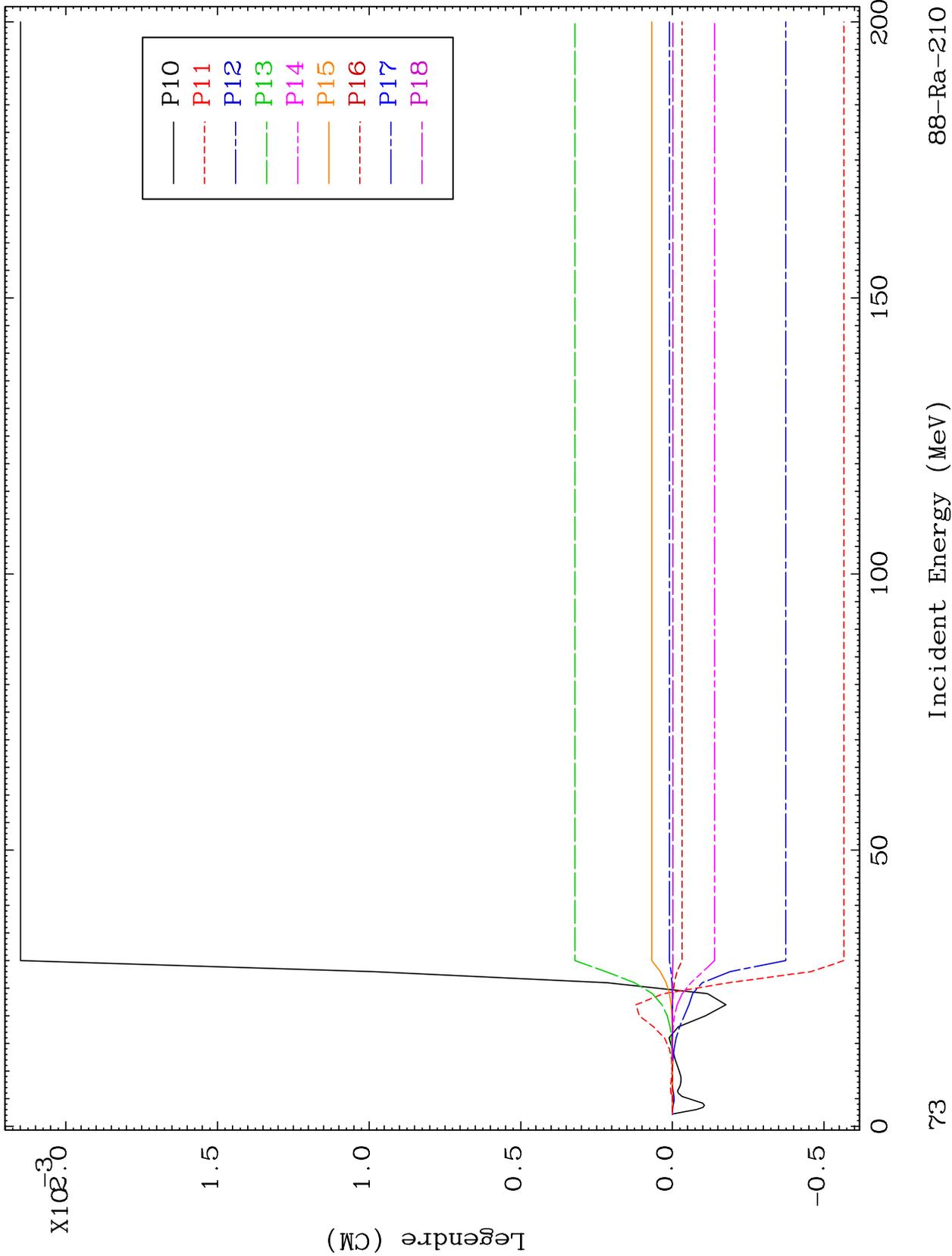




MAT 8786

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

88-Ra-210



73

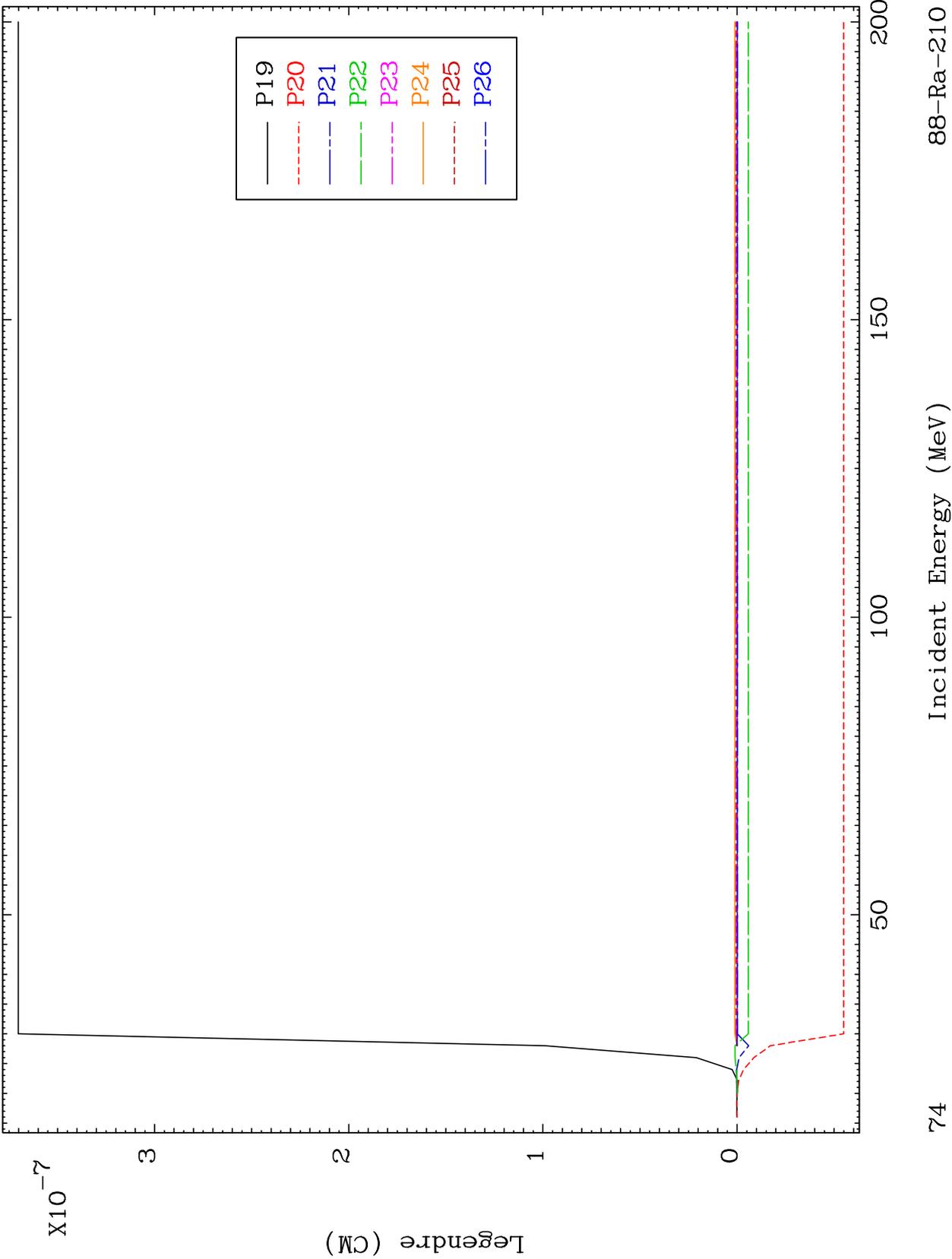
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

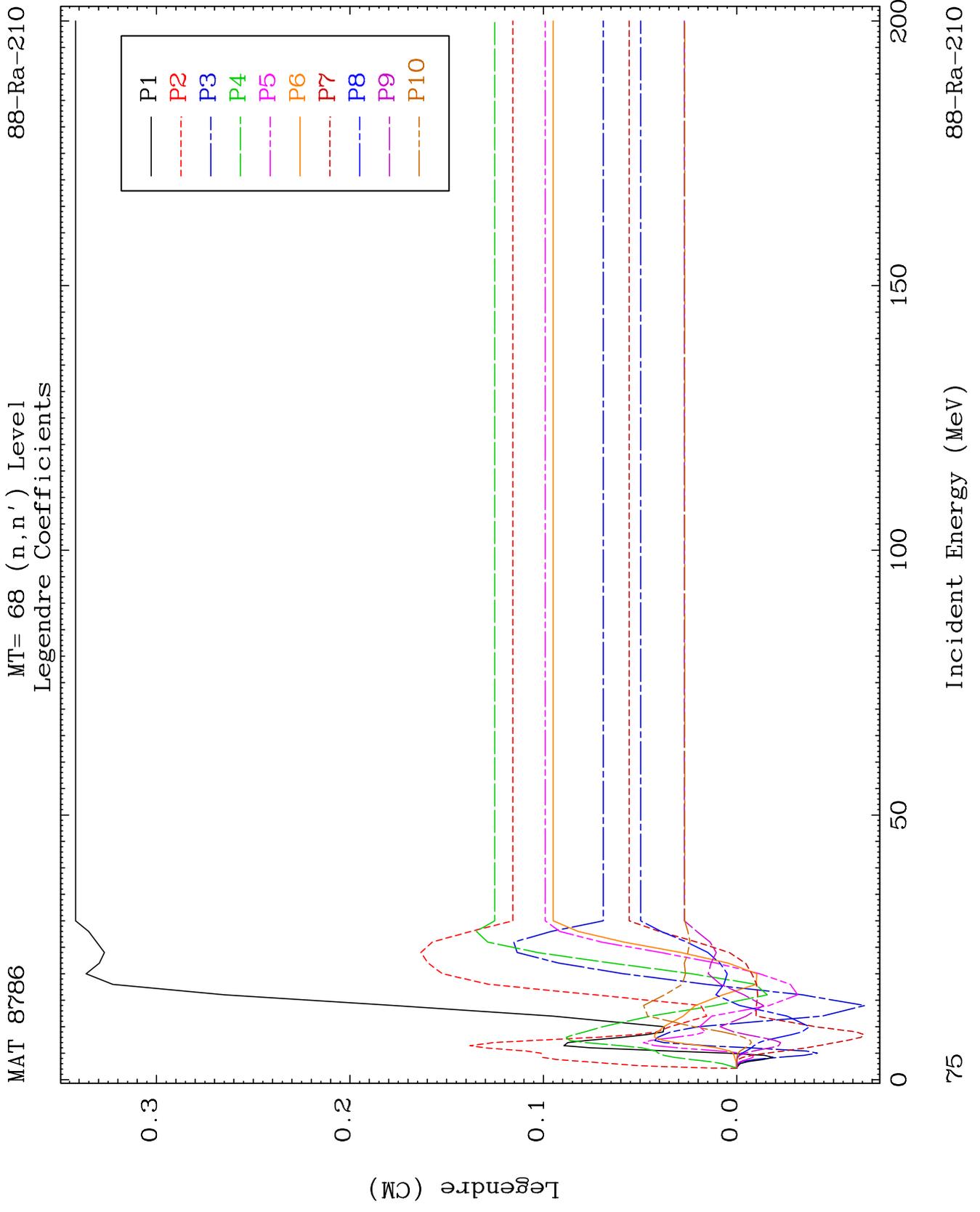
88-Ra-210



74

Incident Energy (MeV)

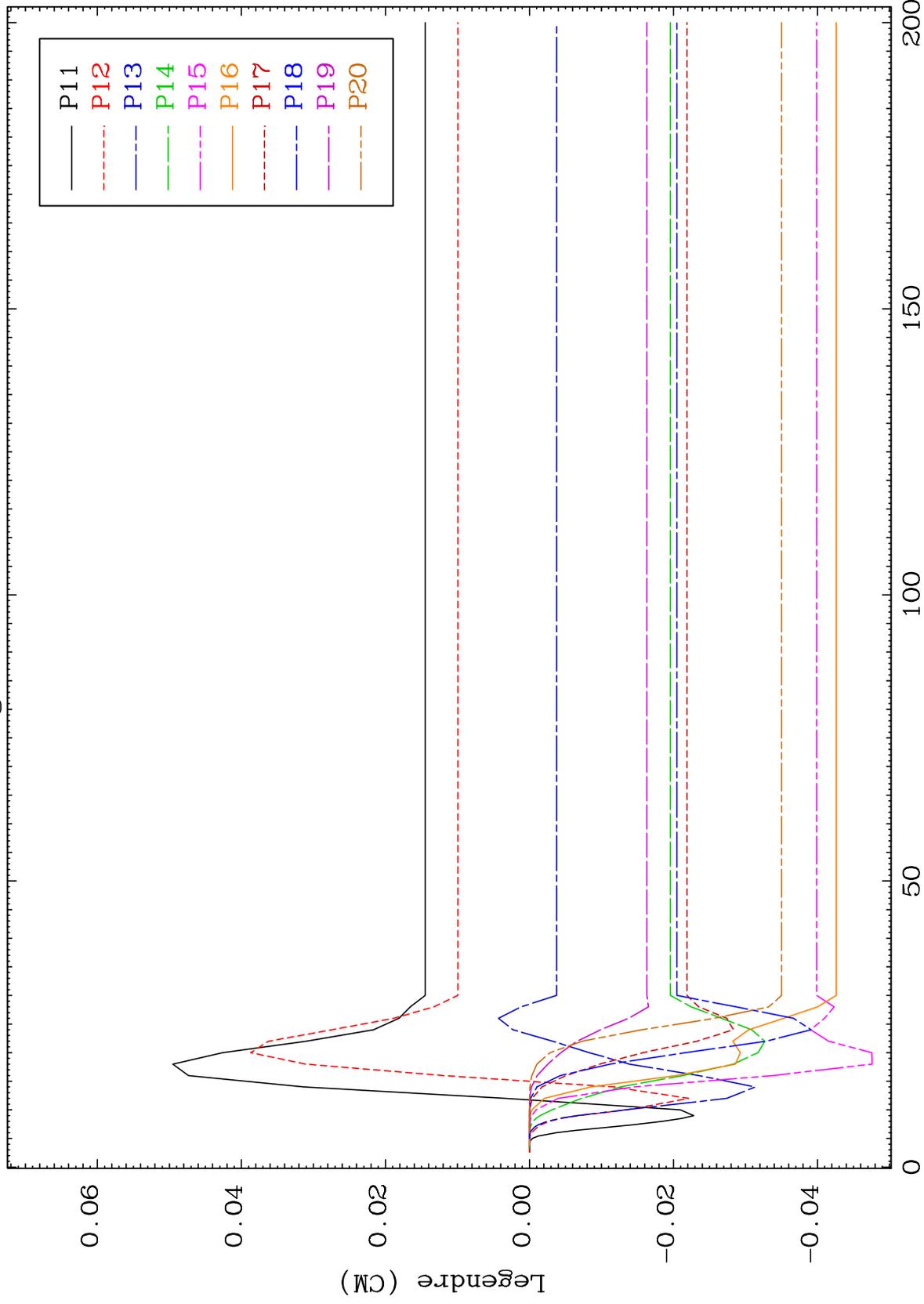
88-Ra-210



MAT 8786

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

88-Ra-210



76

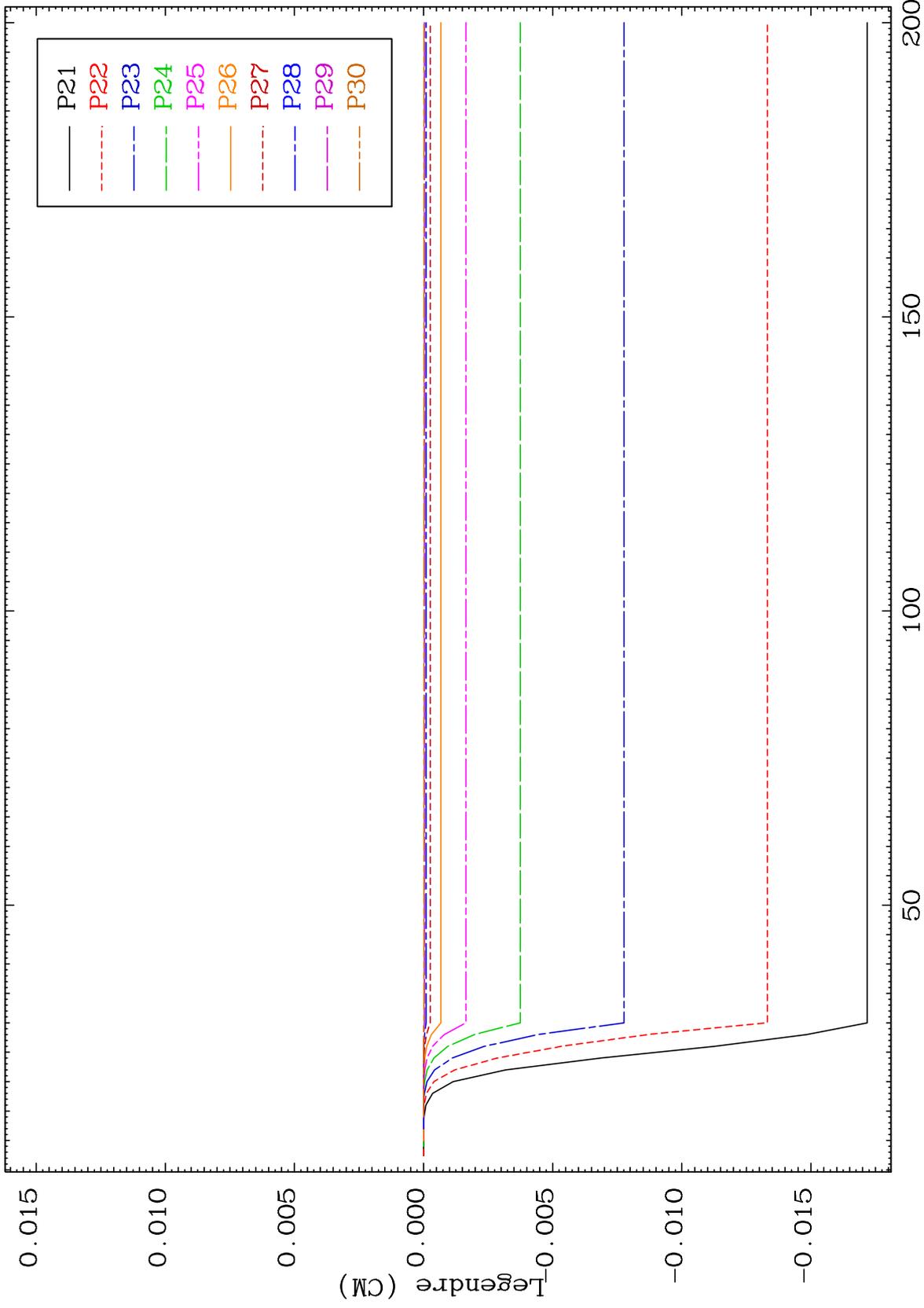
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

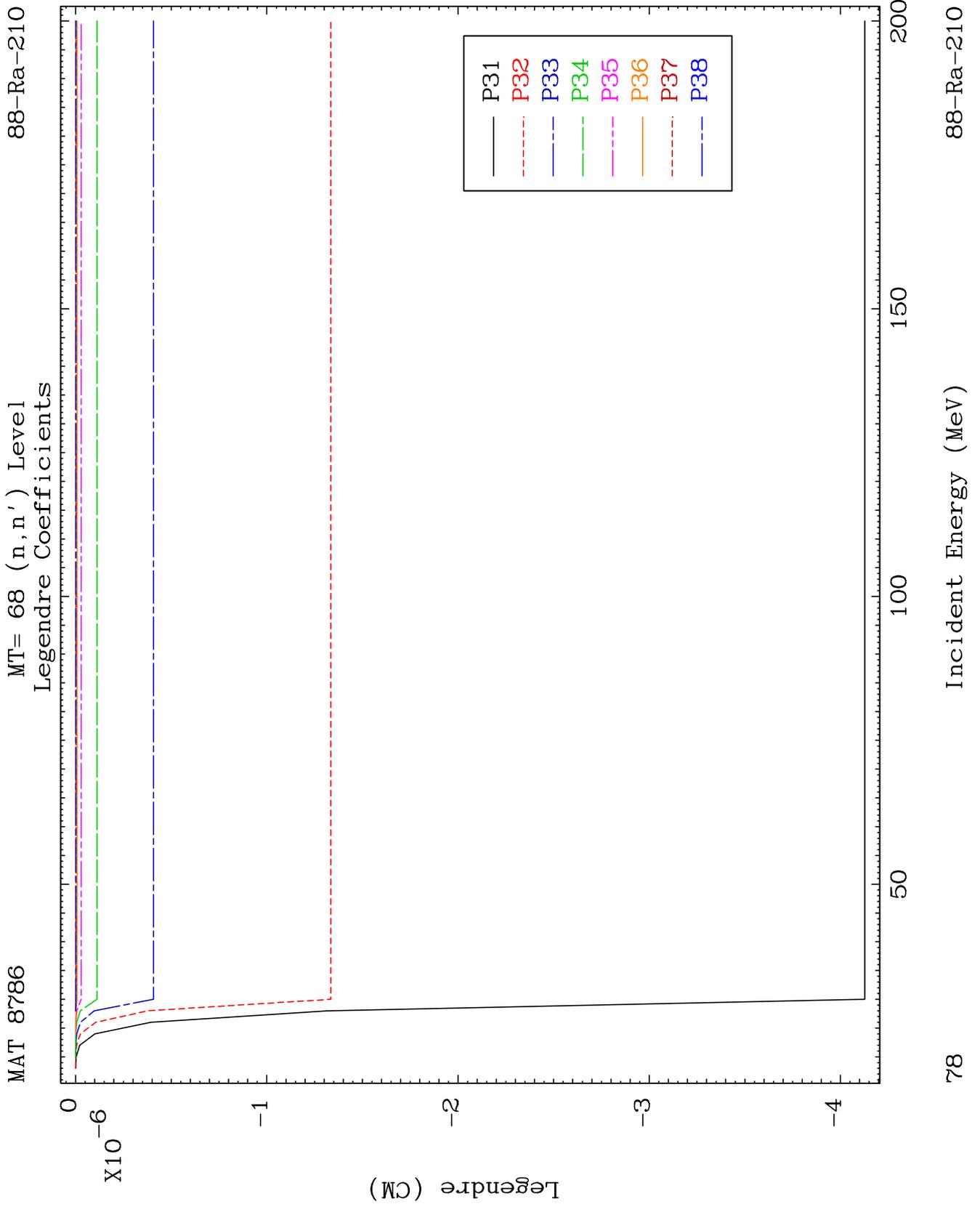
88-Ra-210



77

Incident Energy (MeV)

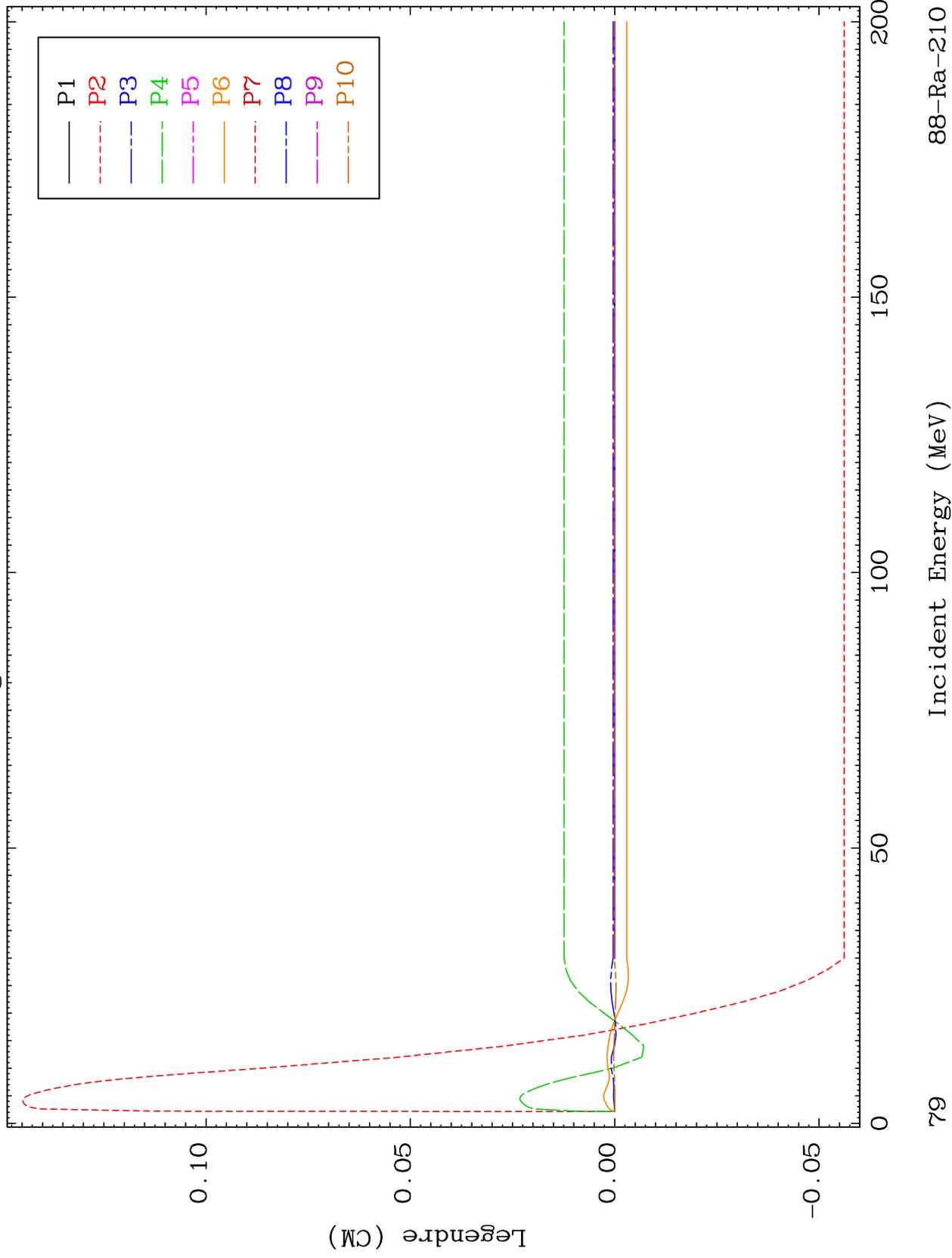
88-Ra-210



MAT 8786

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

88-Ra-210

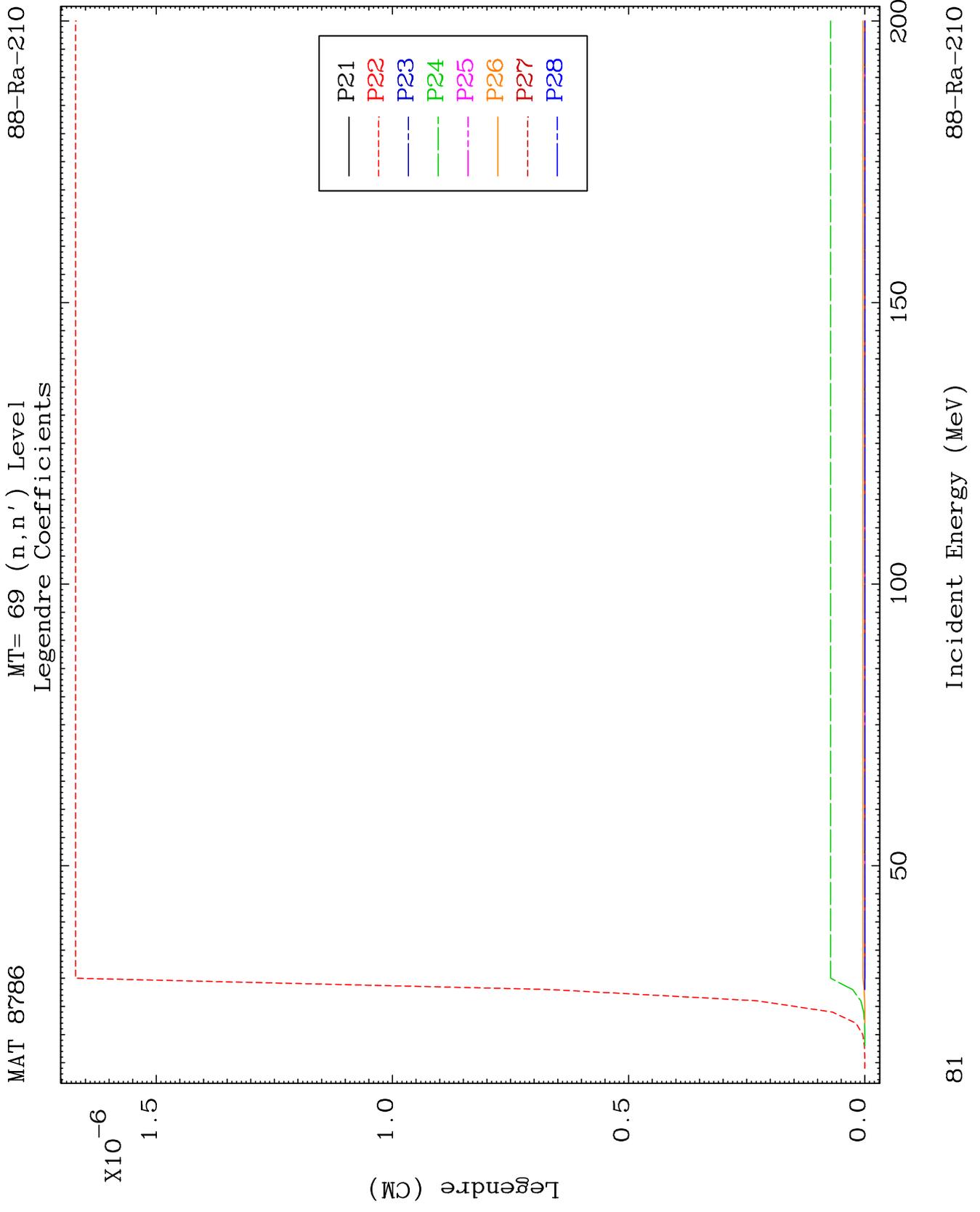


88-Ra-210

Incident Energy (MeV)

79

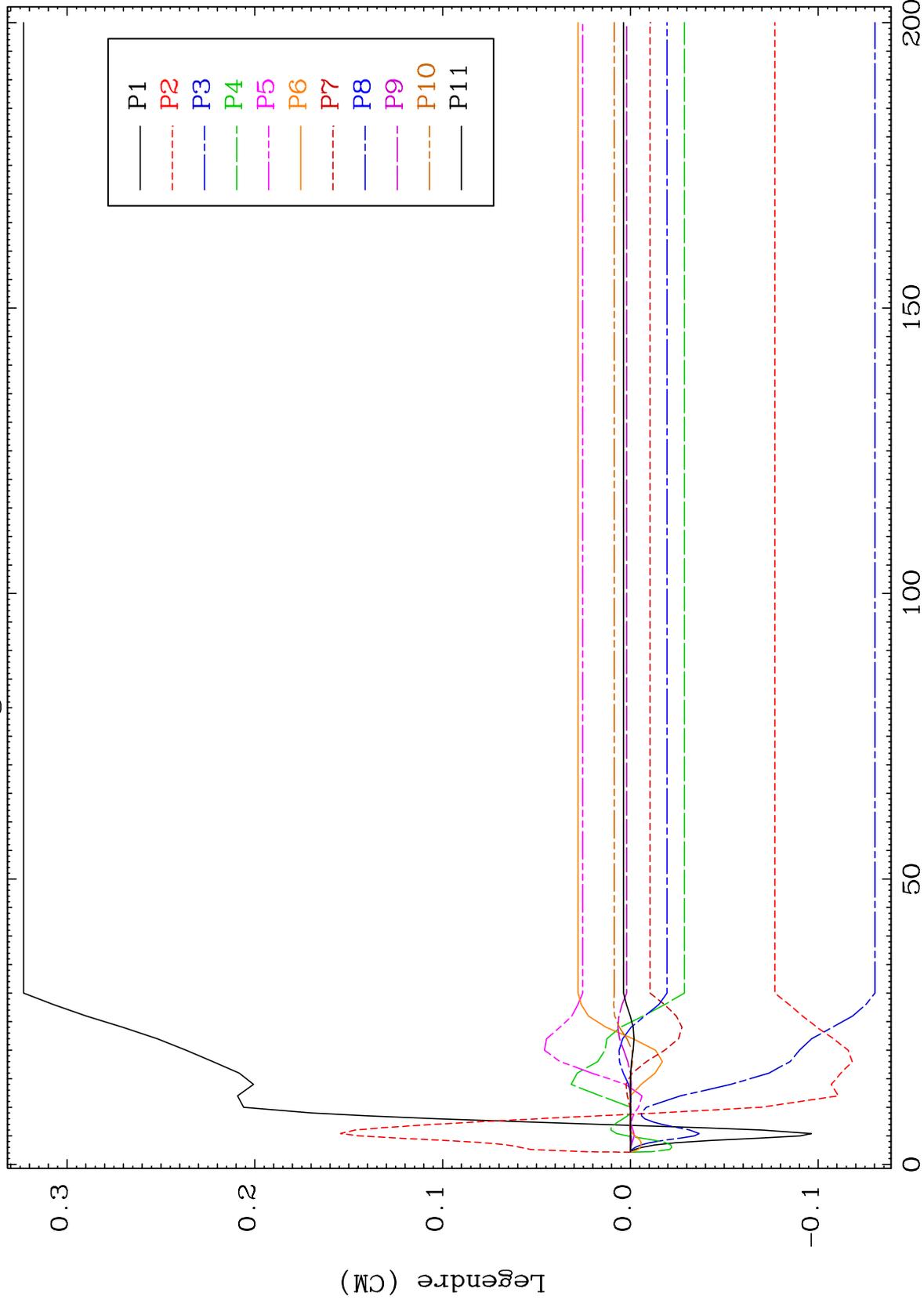




MAT 8786

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

88-Ra-210



82

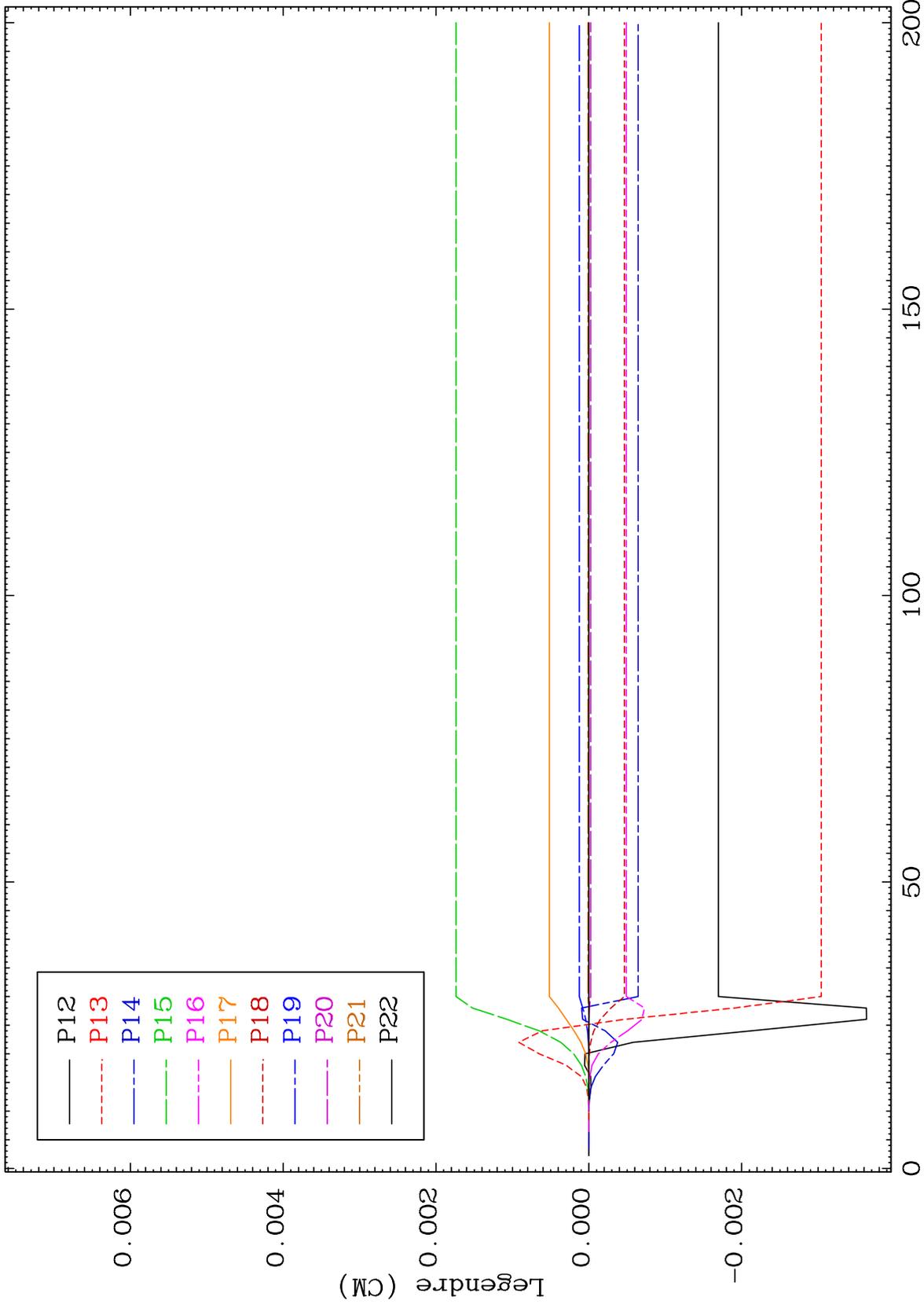
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88

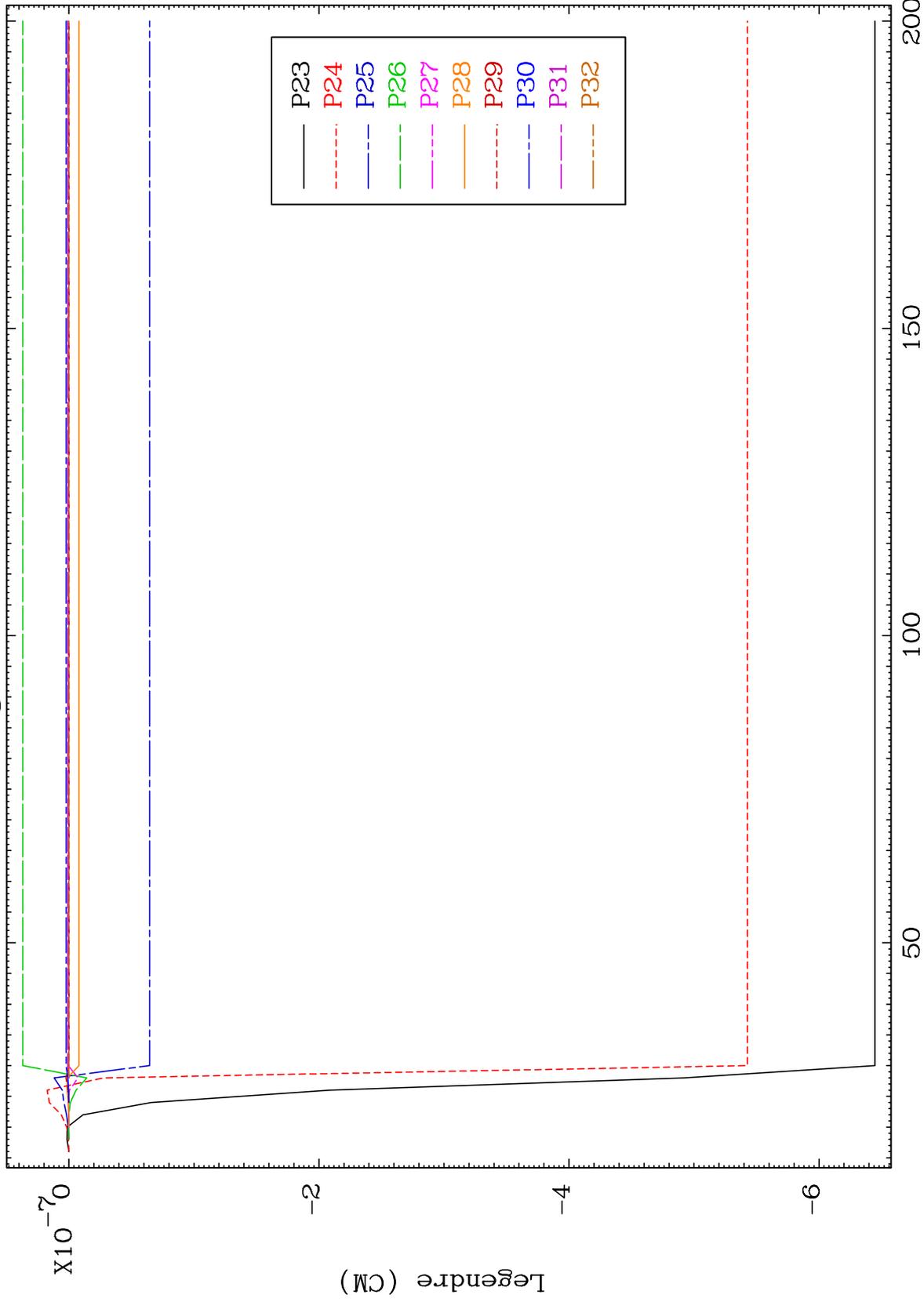
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



84

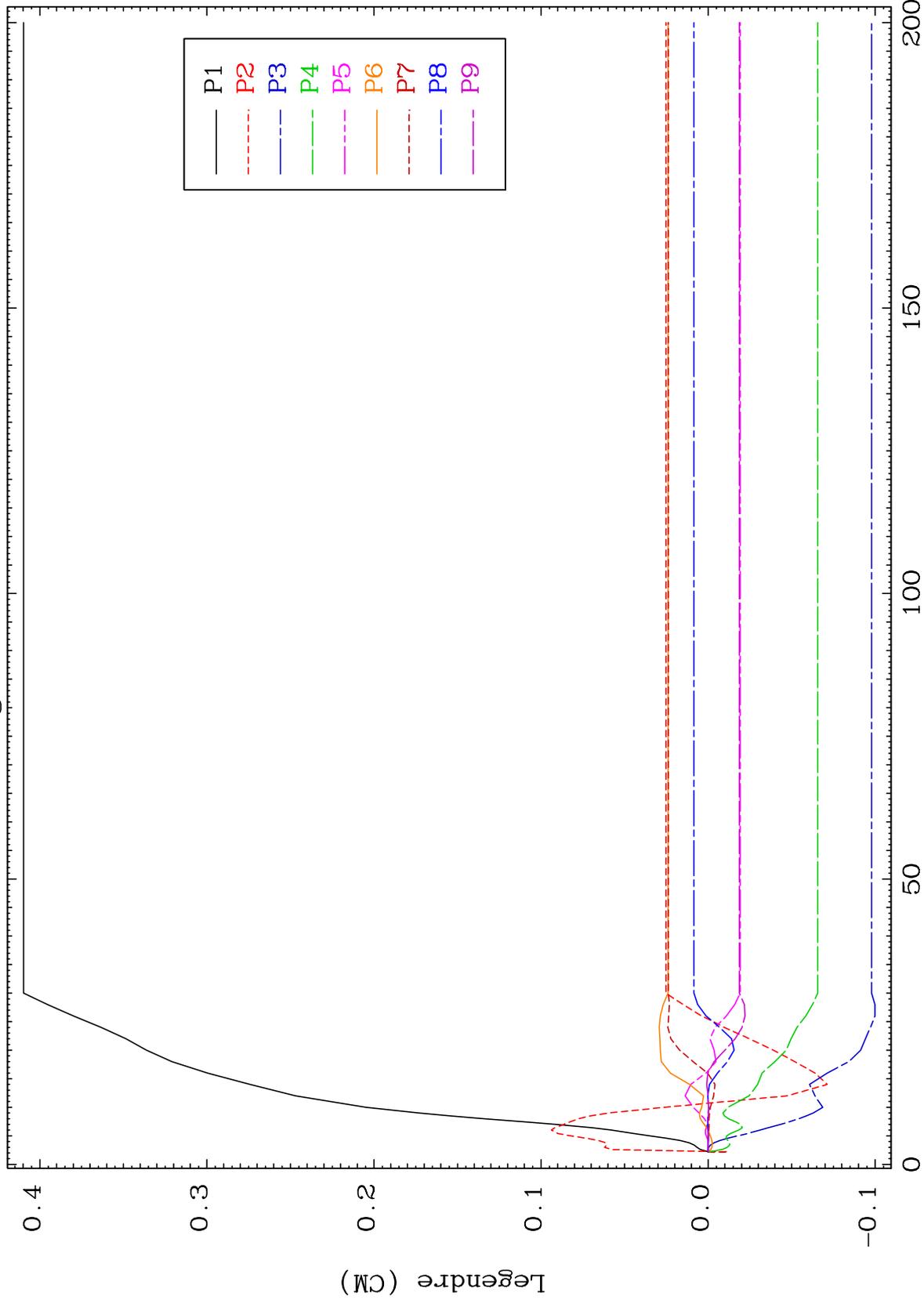
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



85

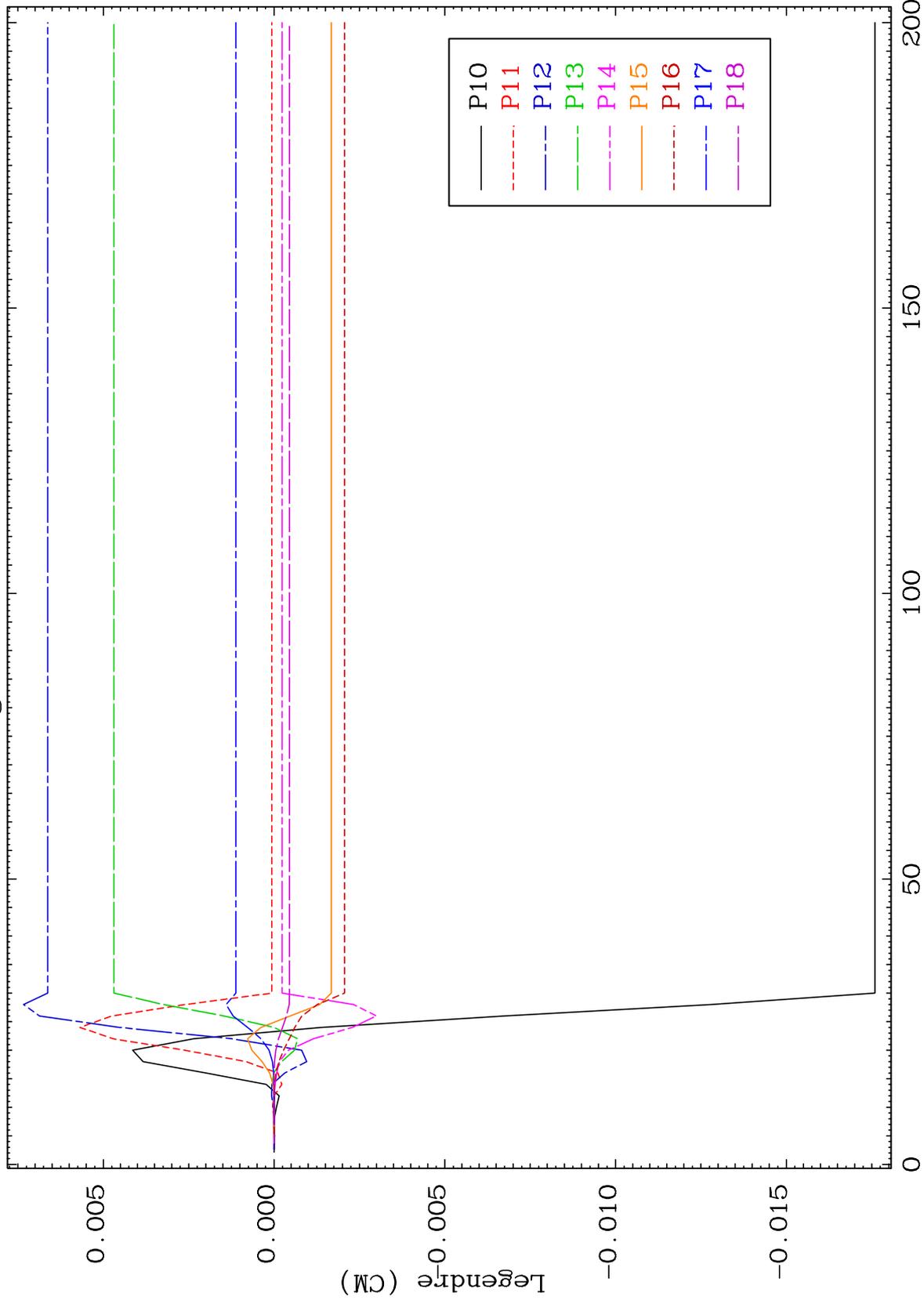
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



86

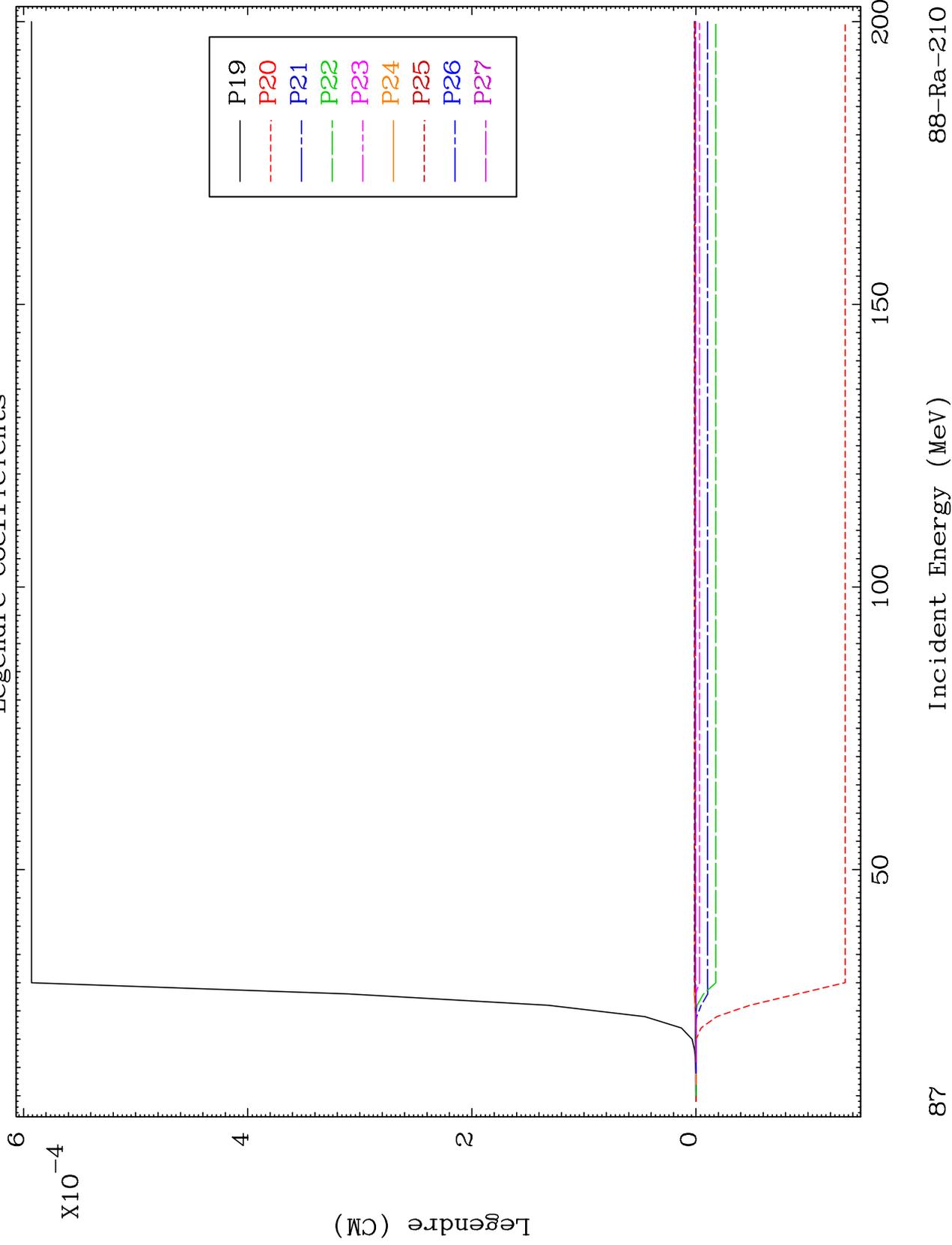
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

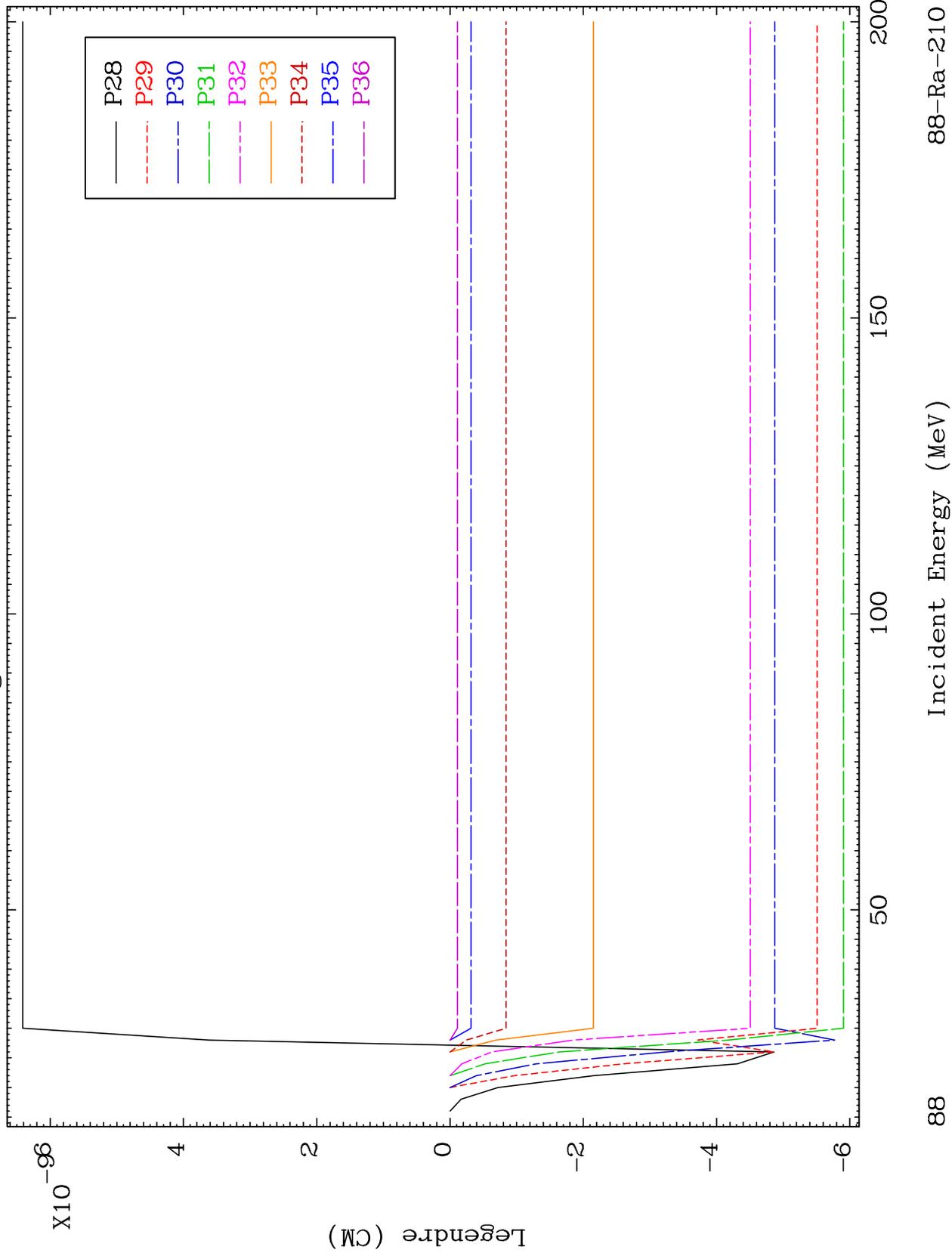
88-Ra-210



MAT 8786

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

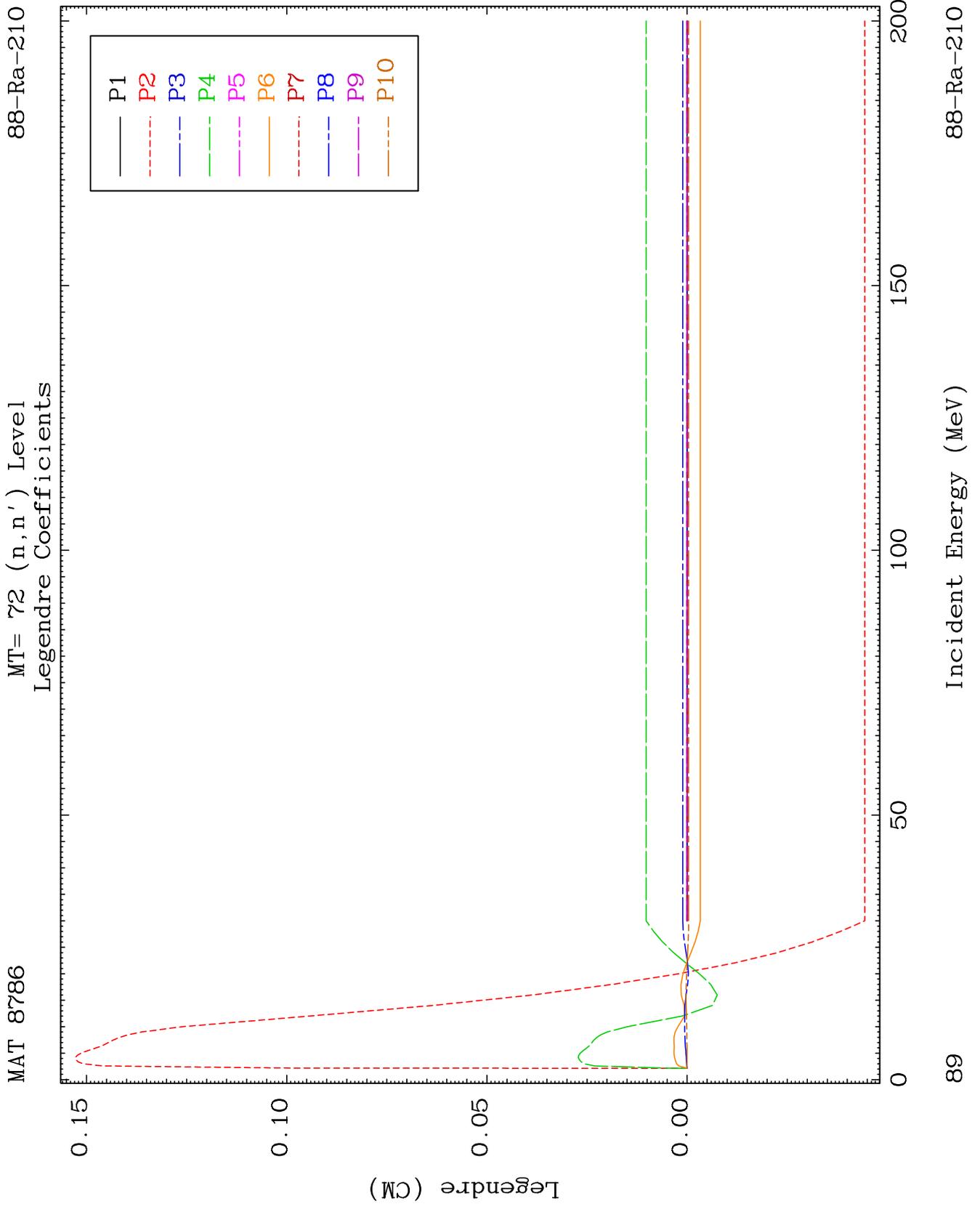
88-Ra-210



88

Incident Energy (MeV)

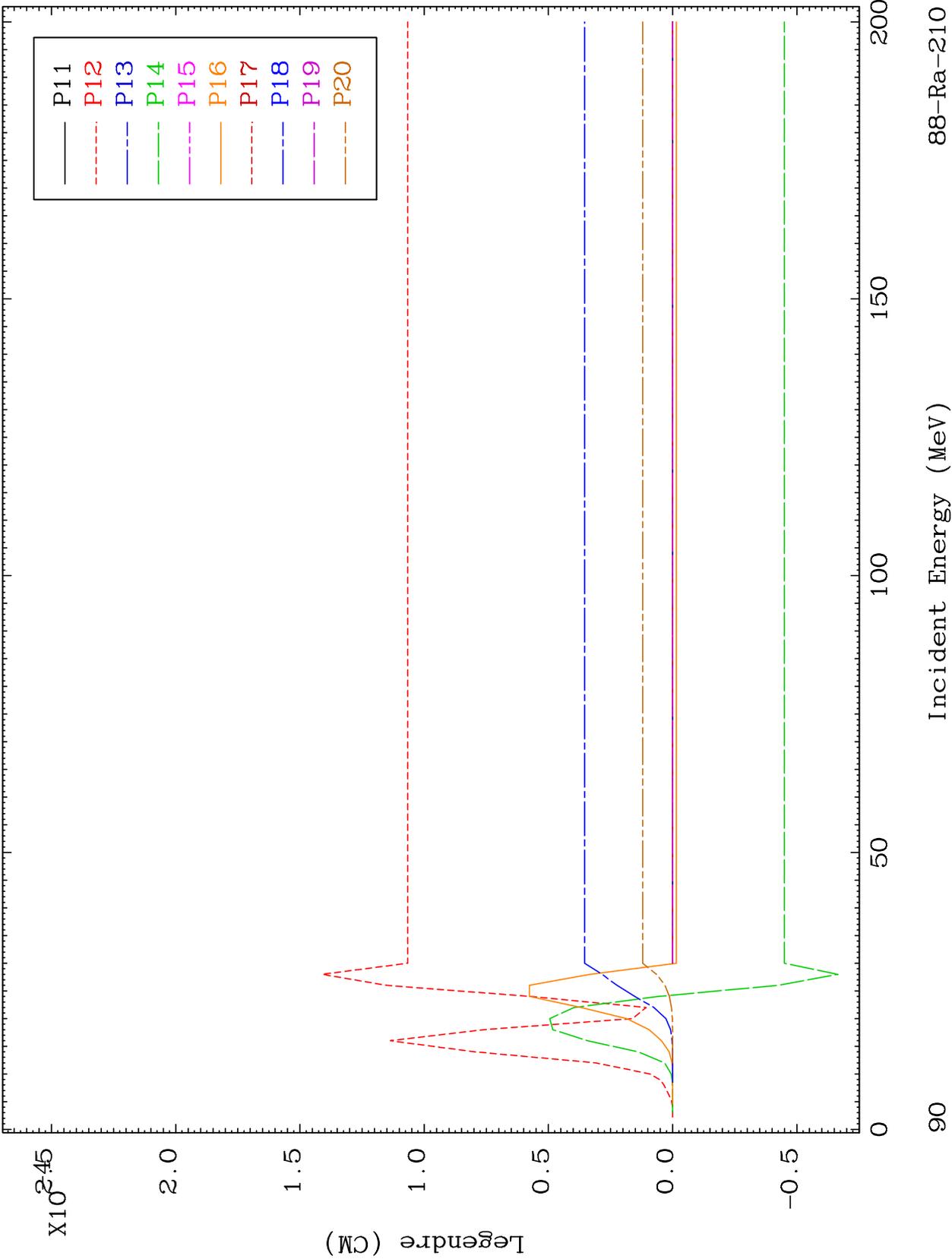
88-Ra-210

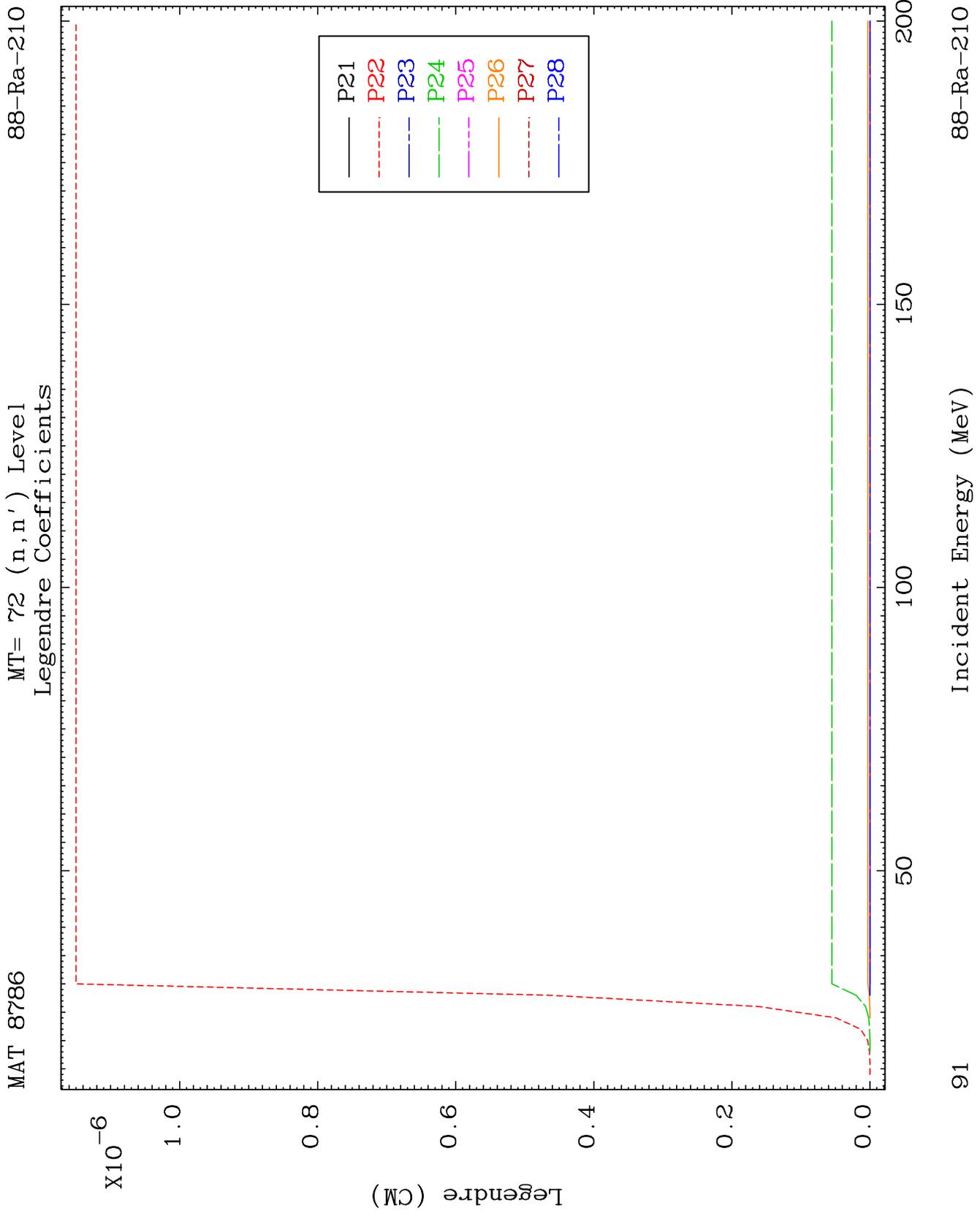


MAT 8786

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

88-Ra-210

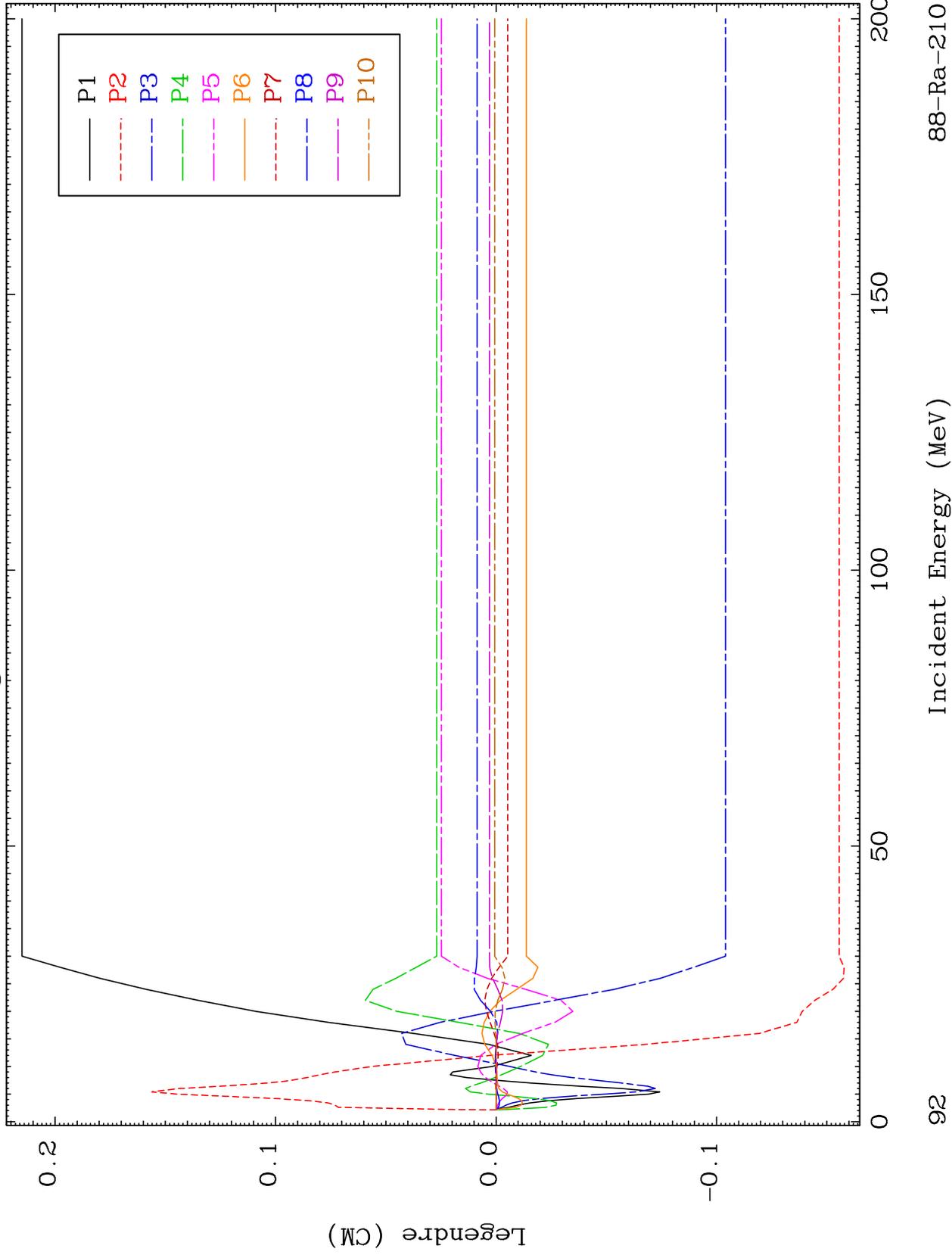


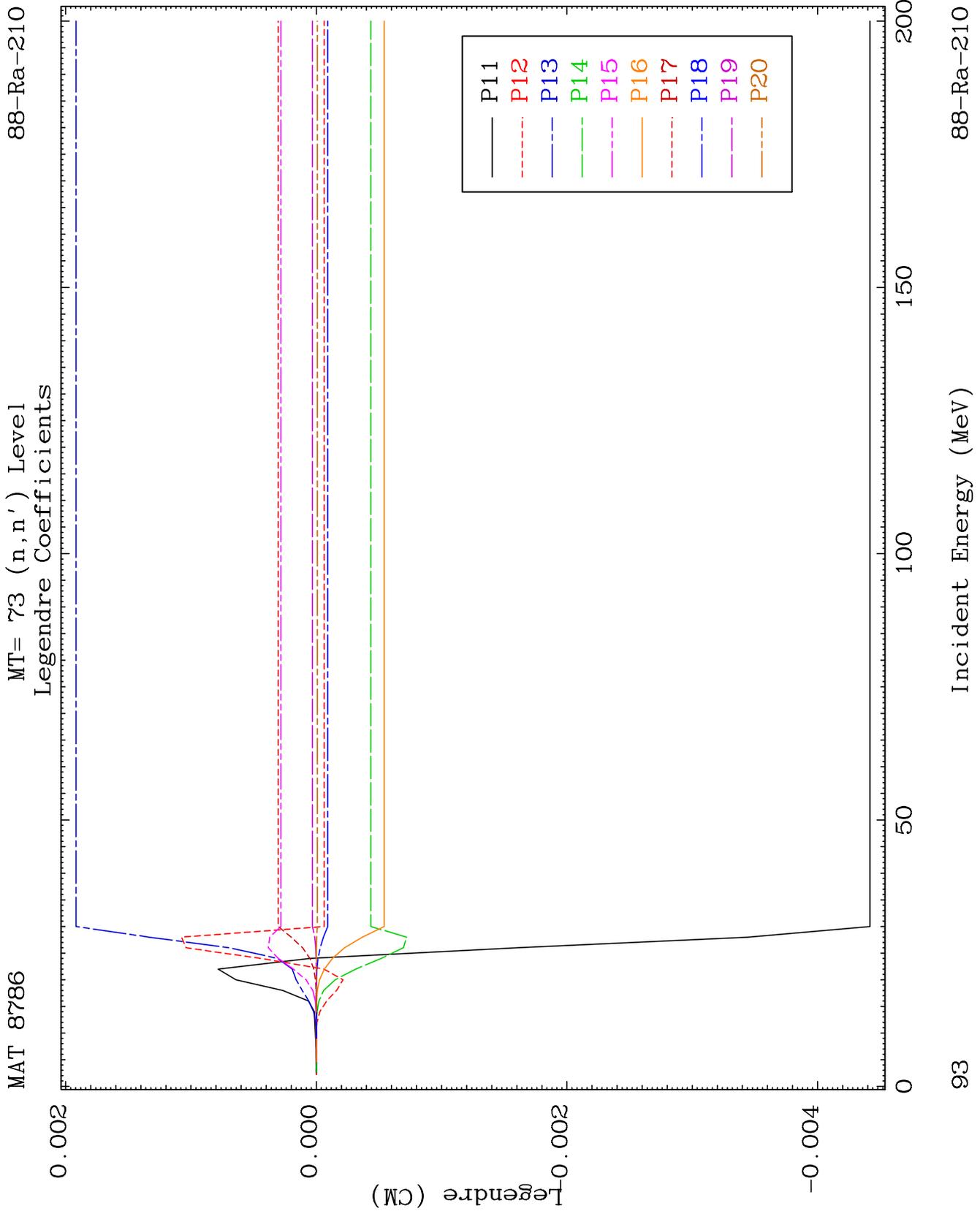


MAT 8786

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

88-Ra-210

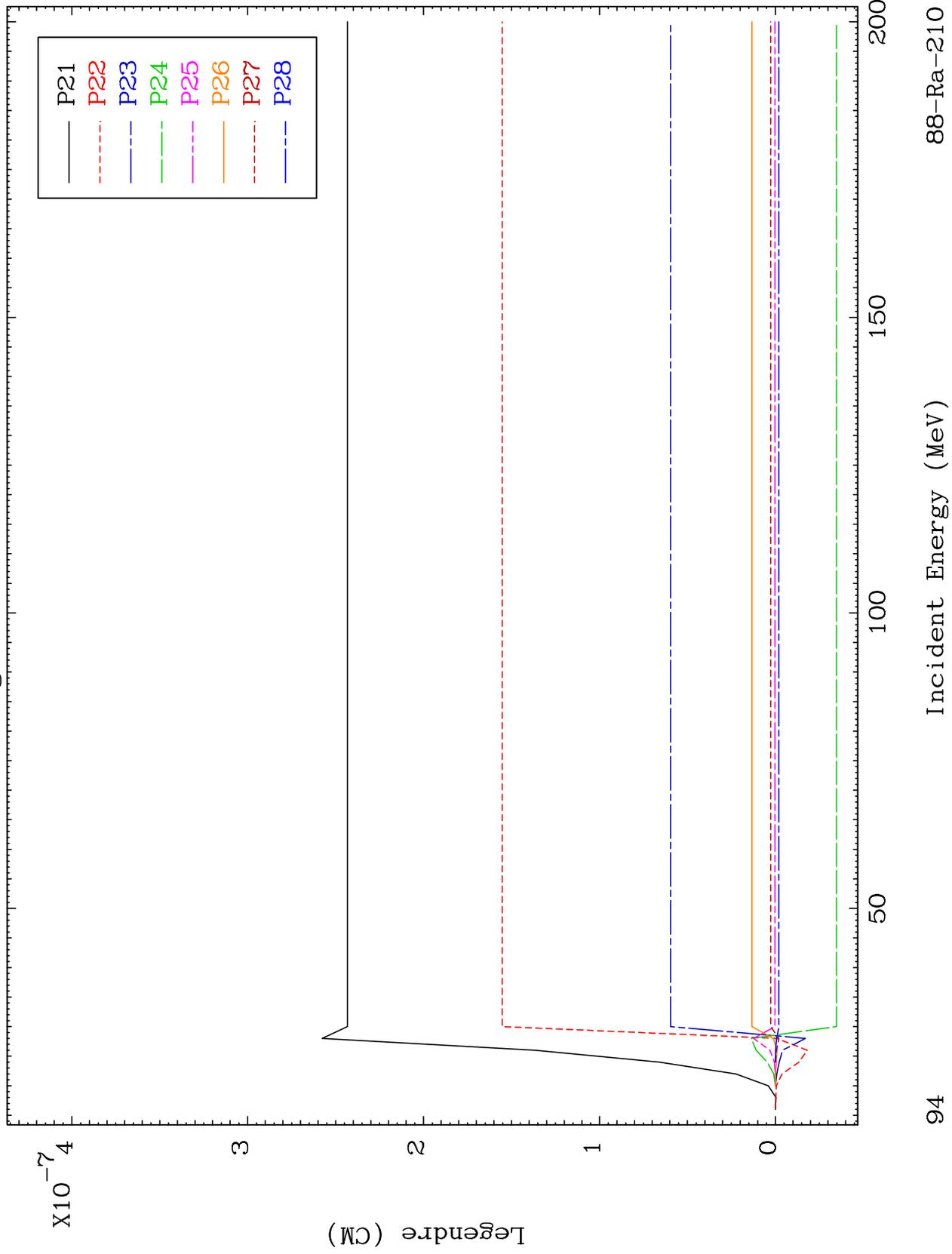




MAT 8786

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

88-Ra-210



94

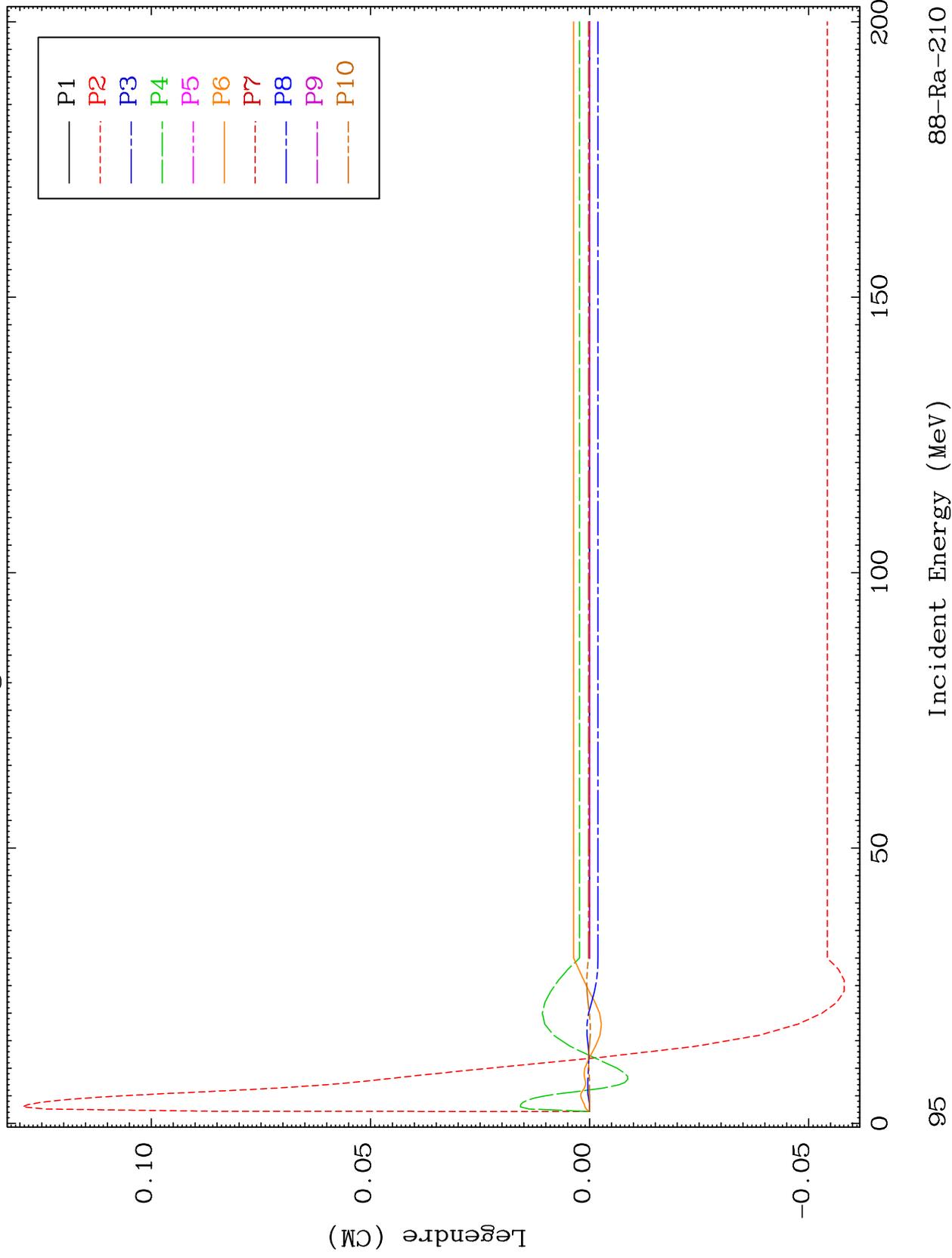
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

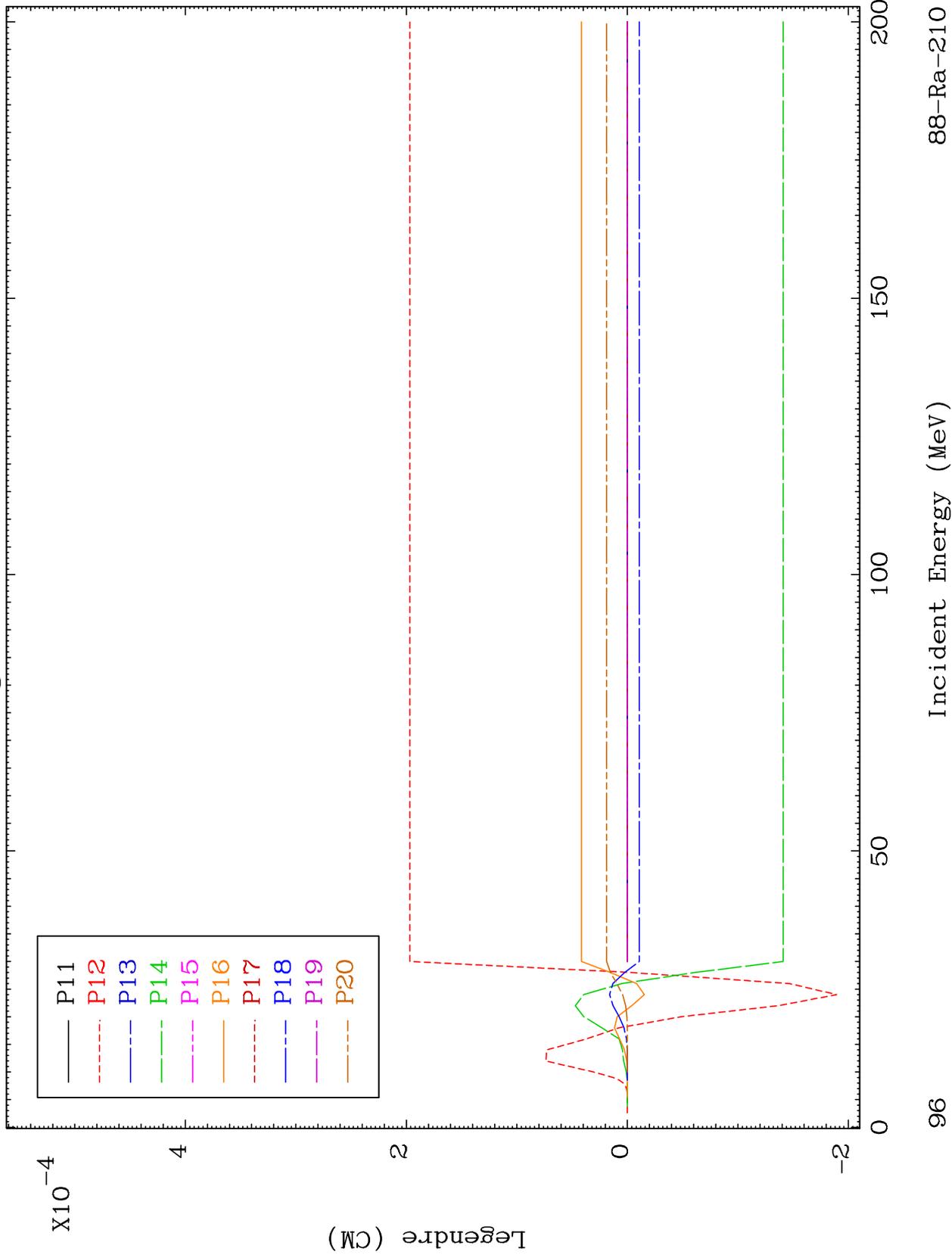
Incident Energy (MeV)

95

MAT 8786

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

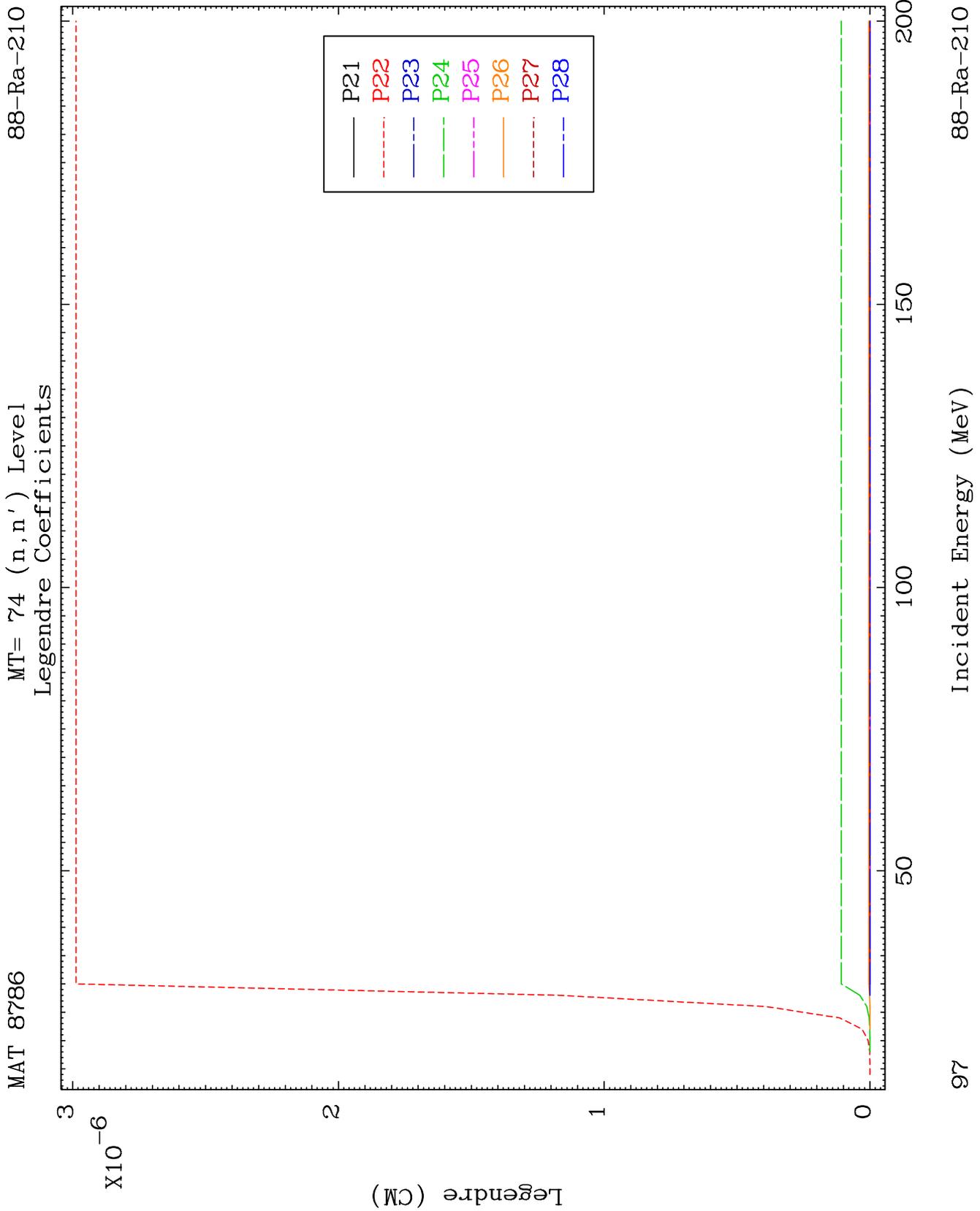
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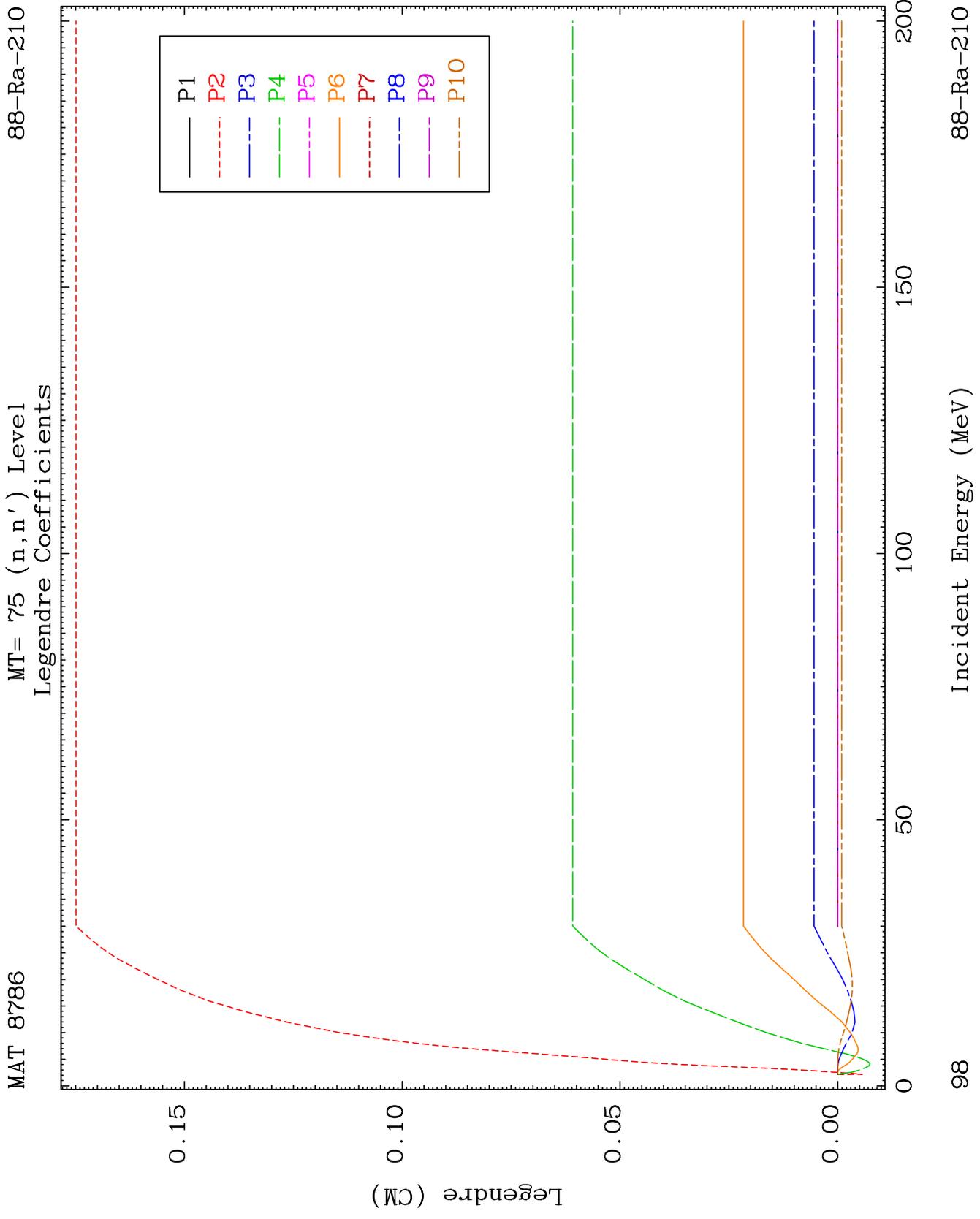


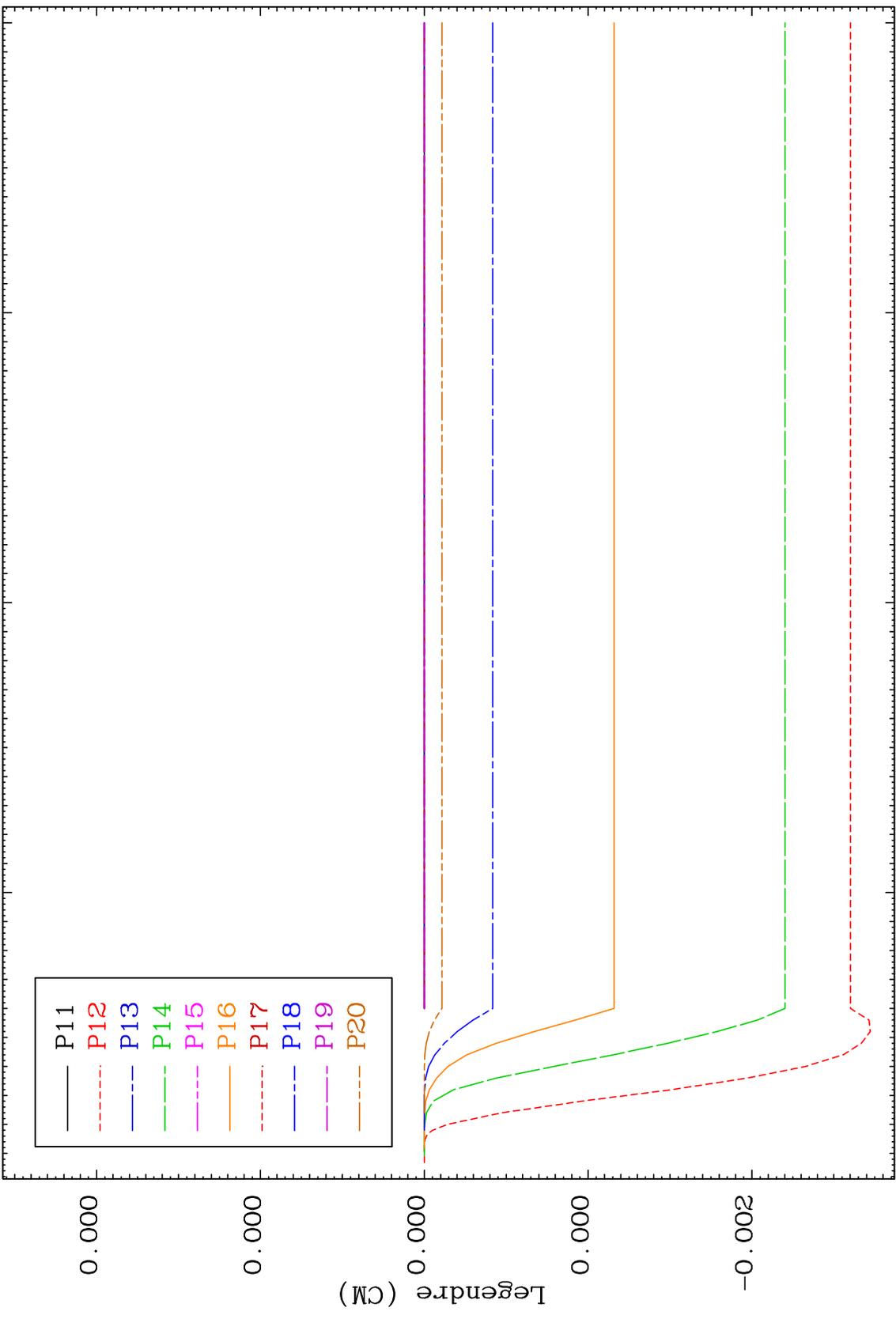
96

Incident Energy (MeV)

88-Ra-210





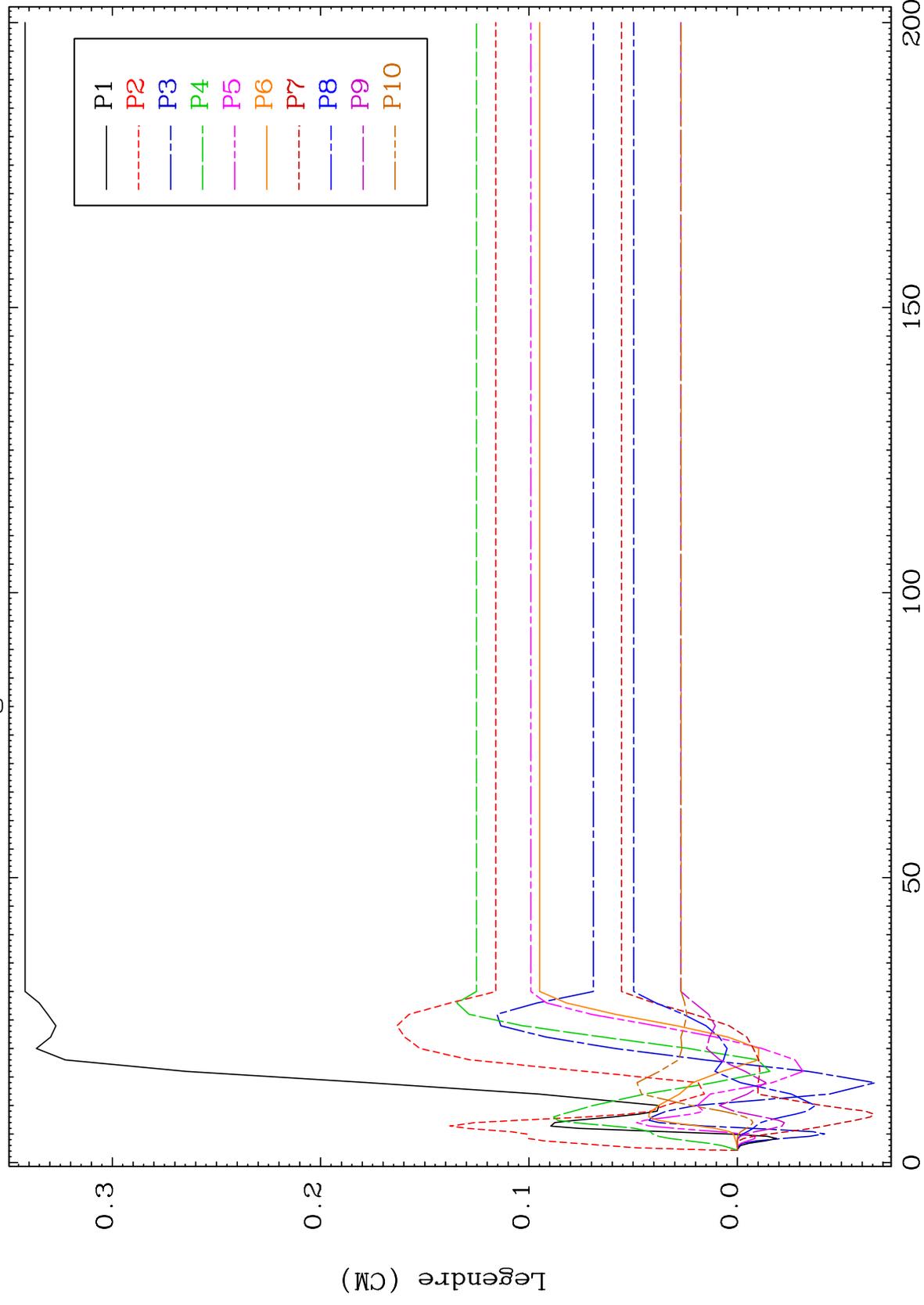




MAT 8786

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

88-Ra-210



88-Ra-210

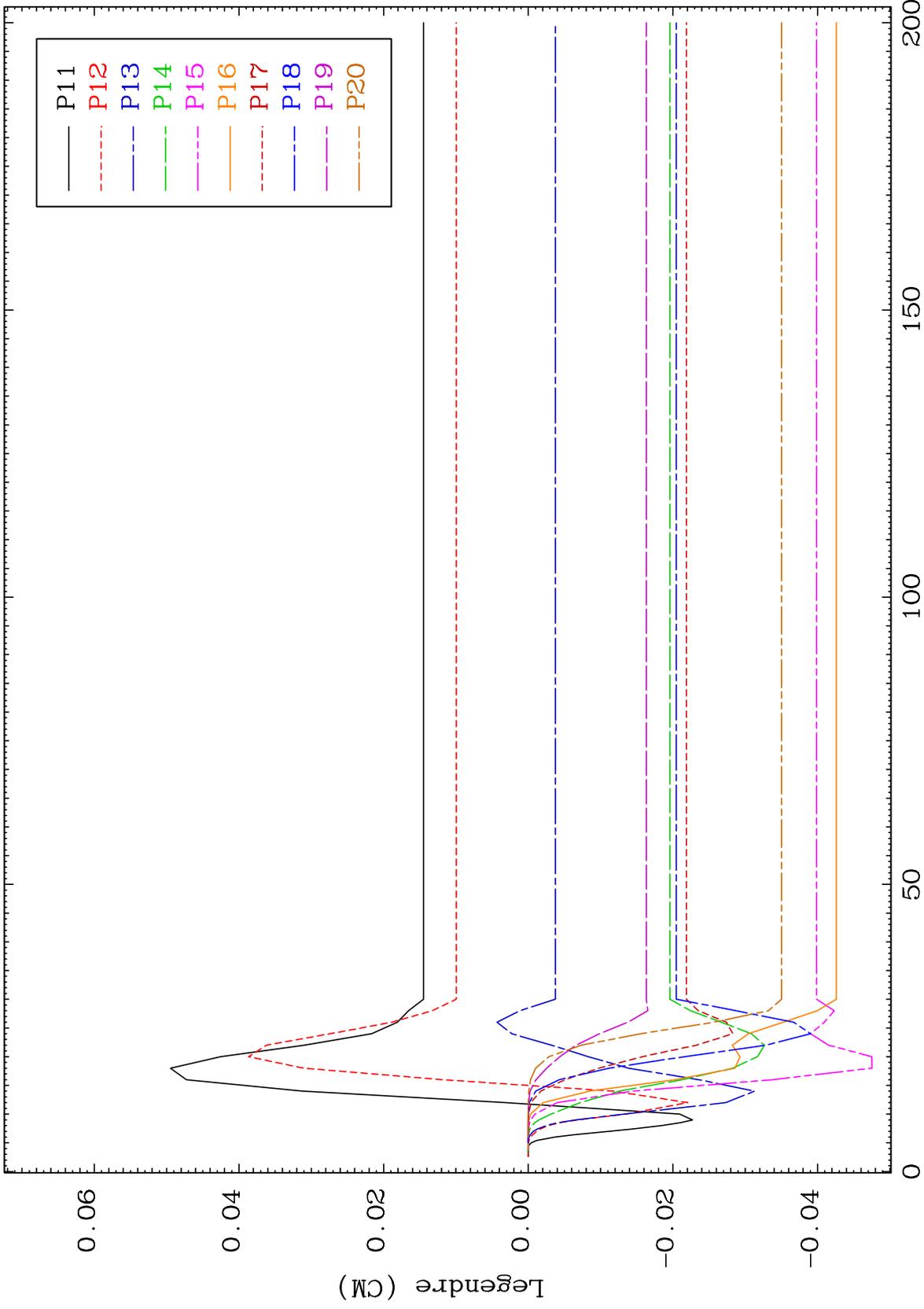
Incident Energy (MeV)

101

MAT 8786

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

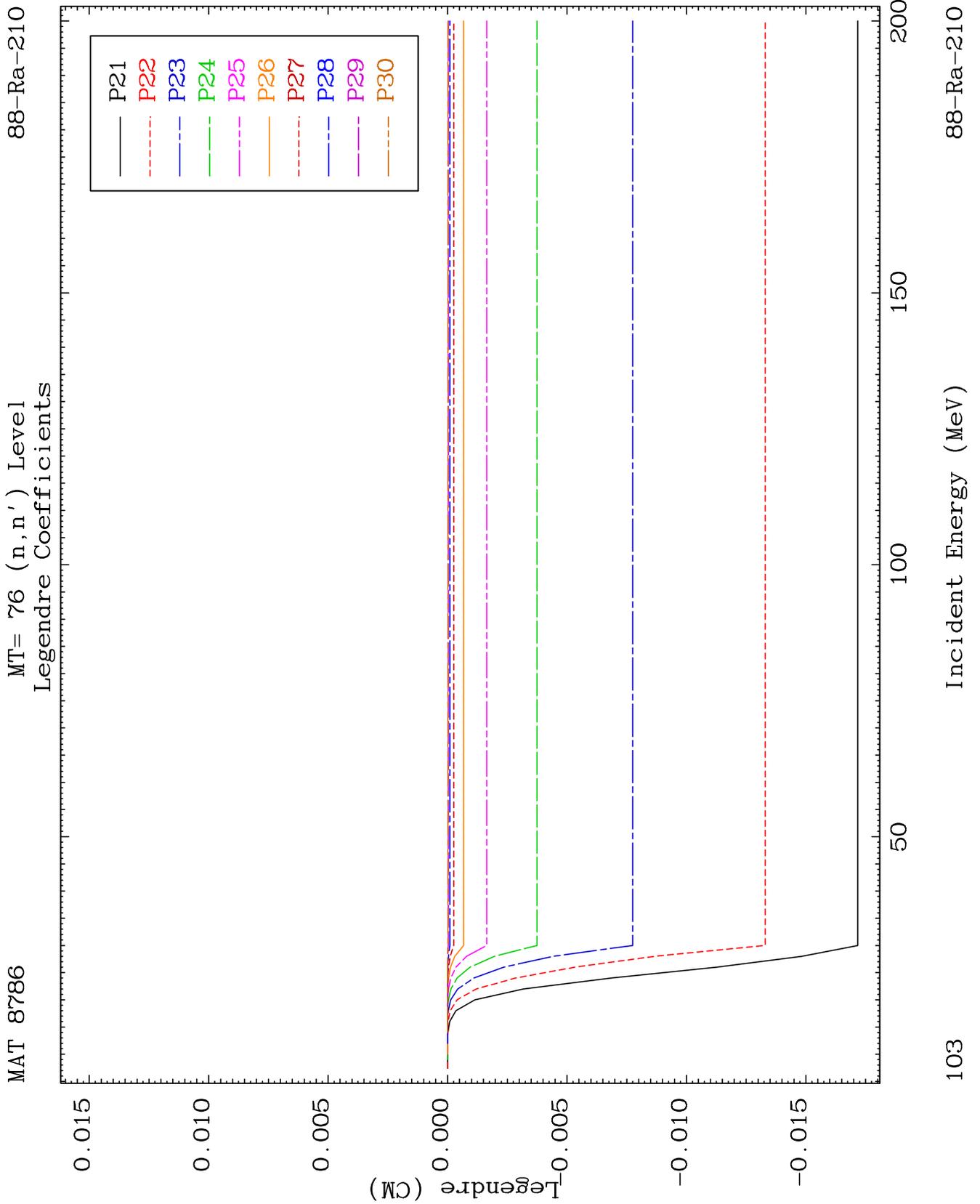
88-Ra-210

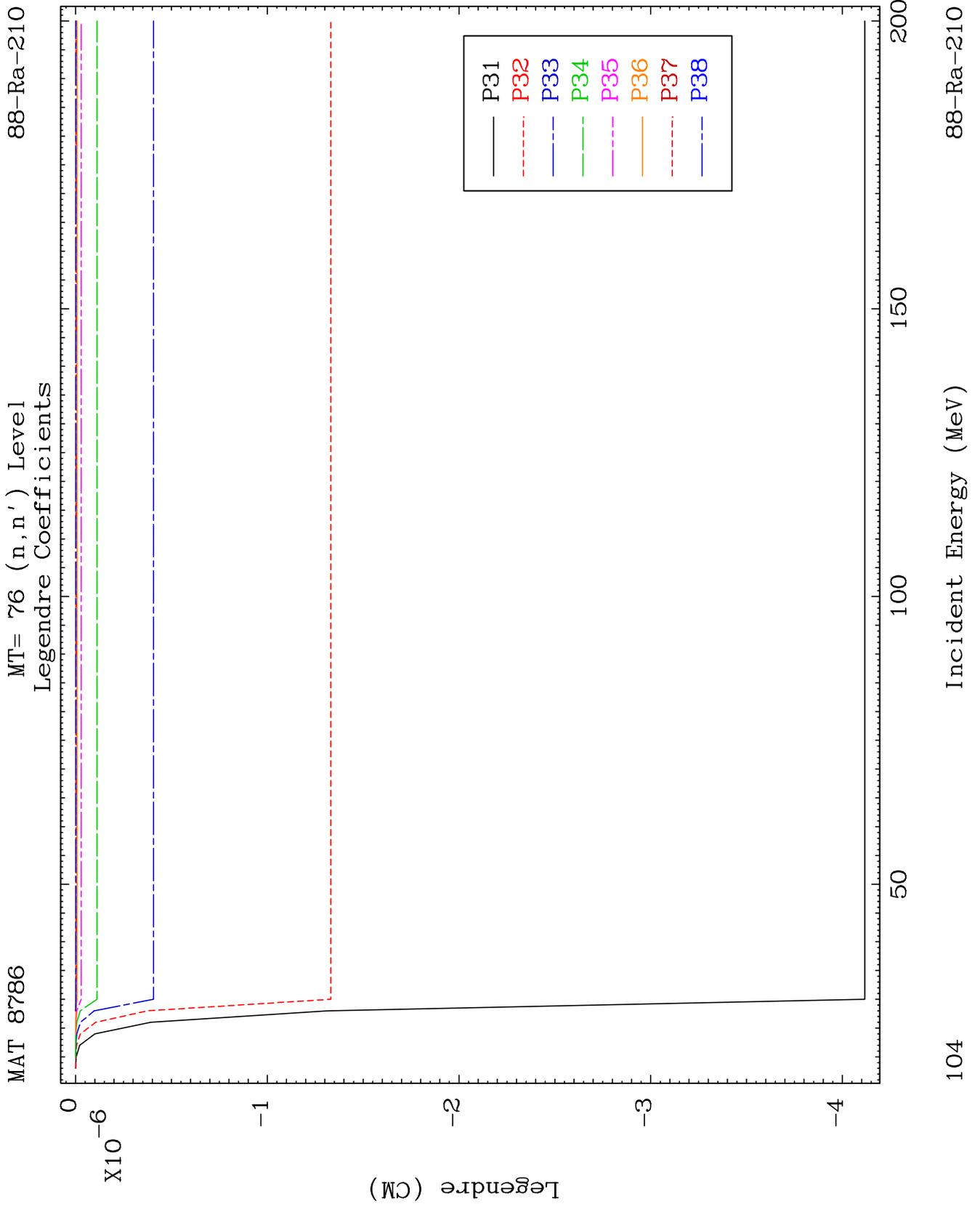


102

Incident Energy (MeV)

88-Ra-210

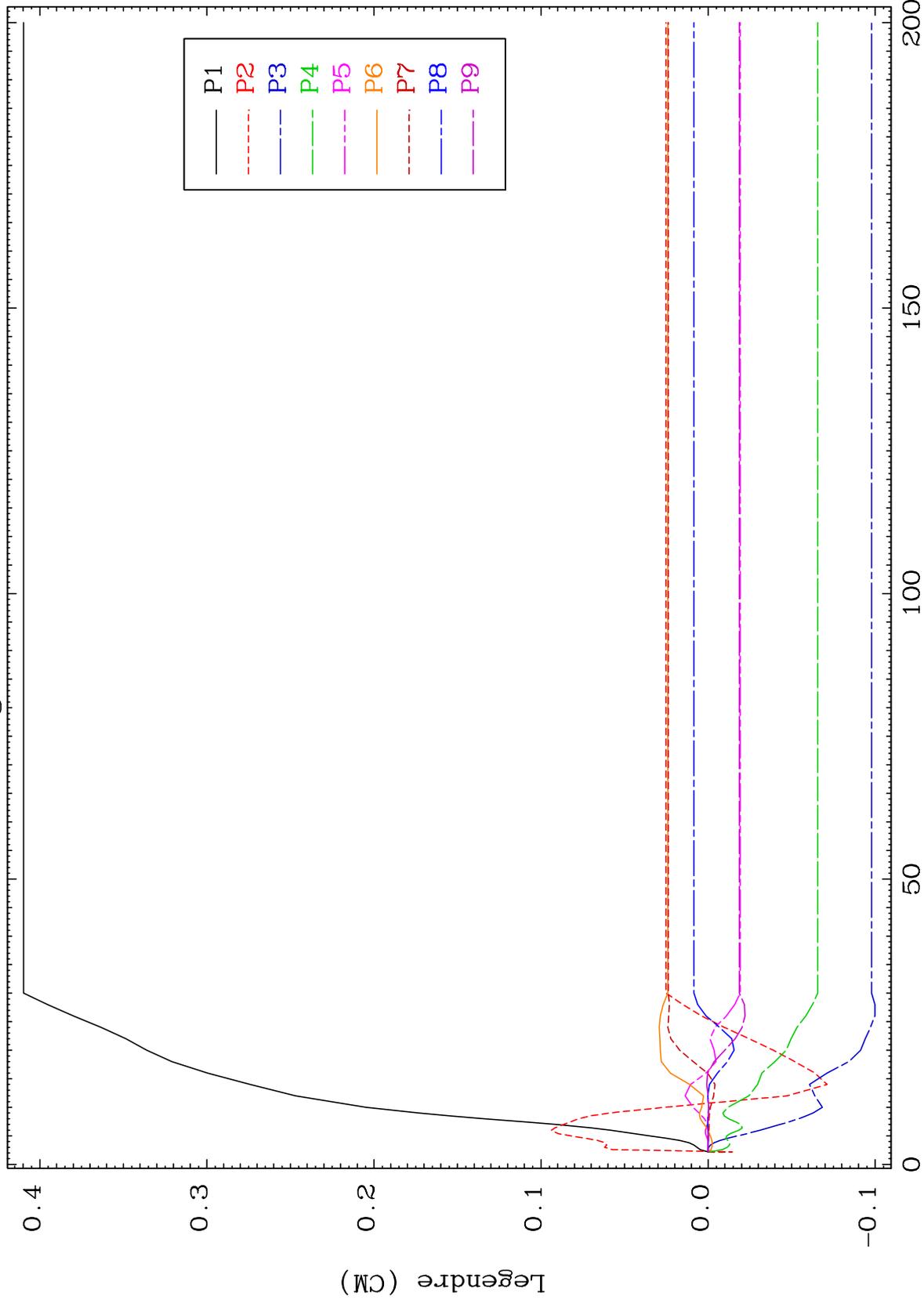




MAT 8786

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

88-Ra-210



105

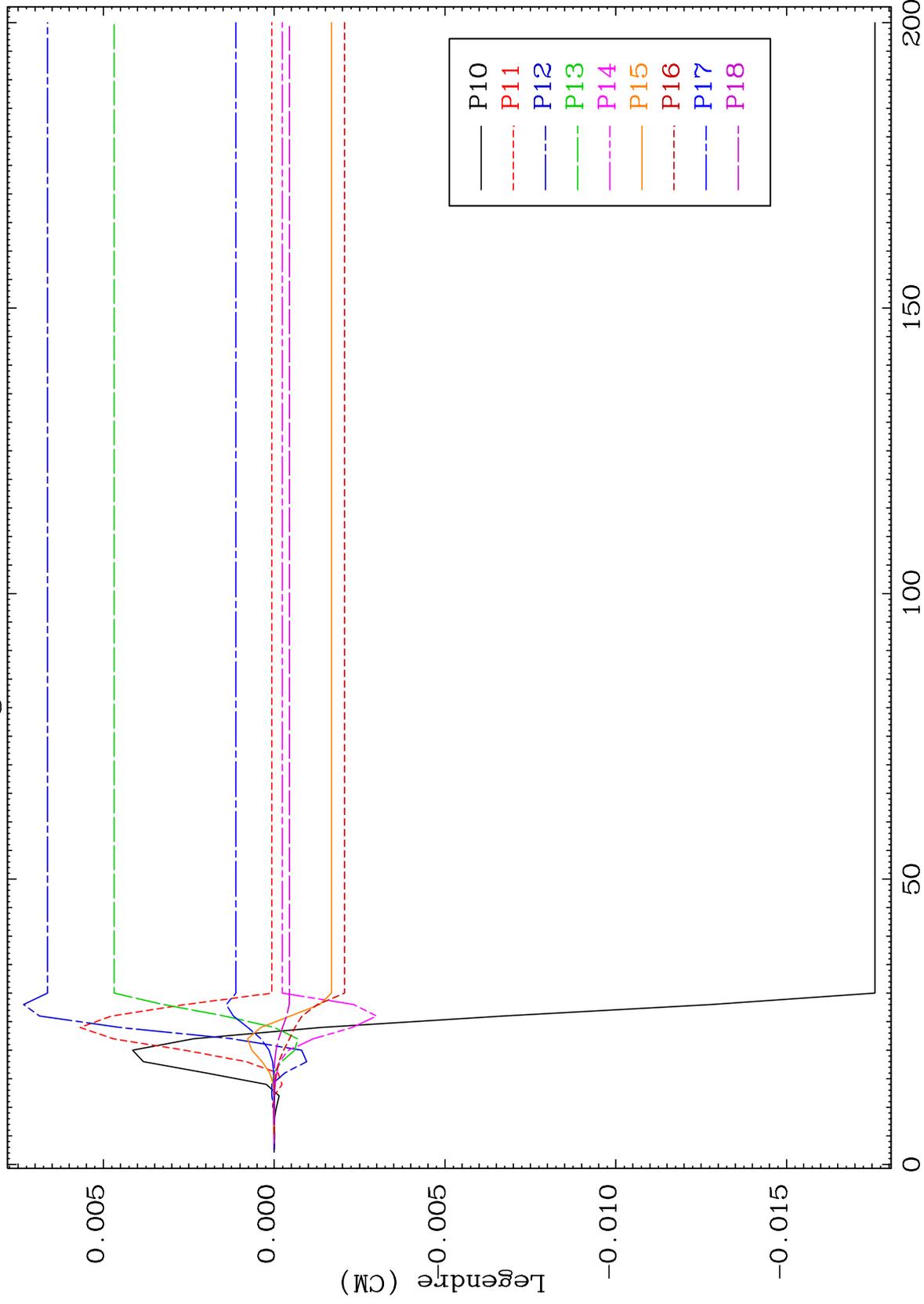
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



106

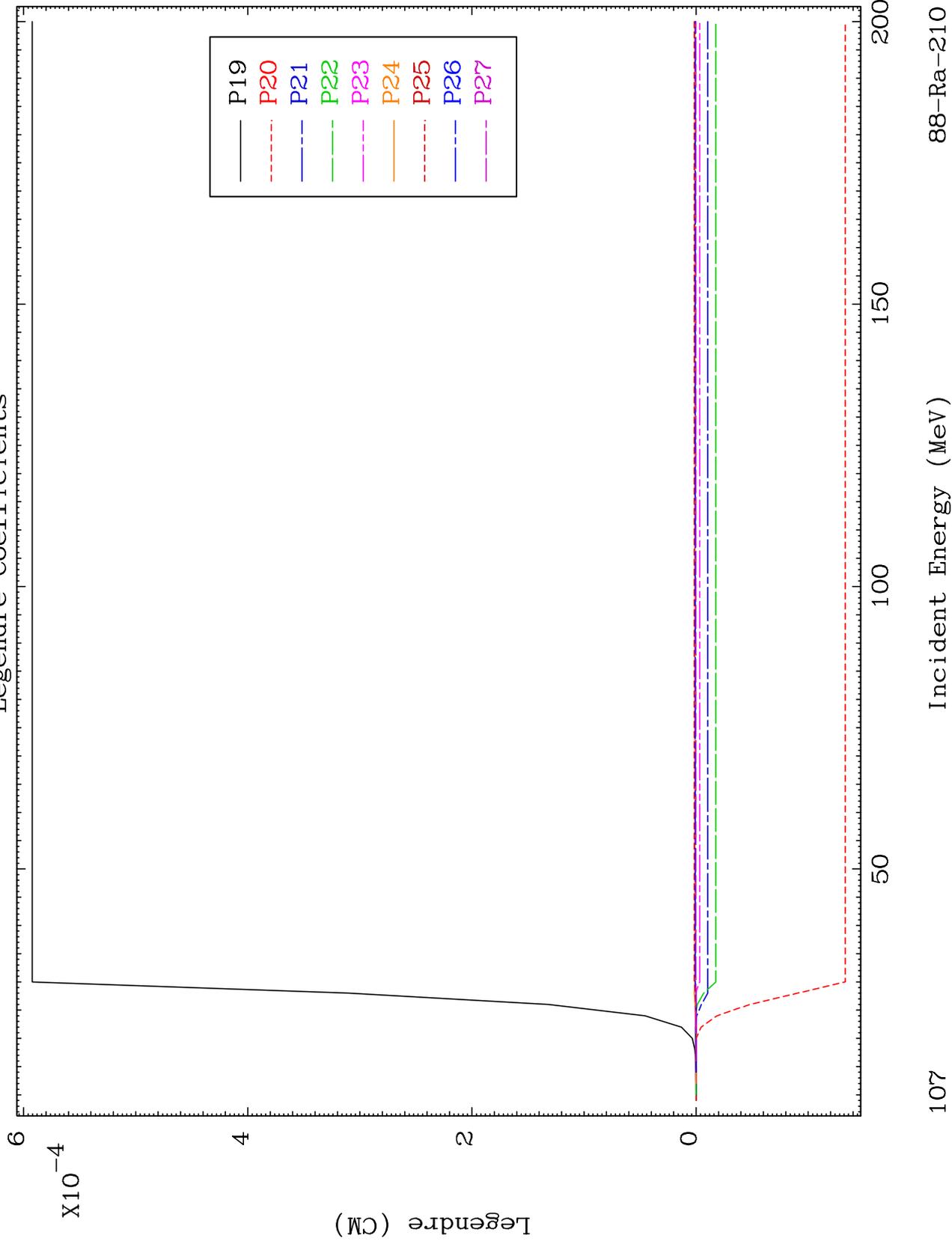
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

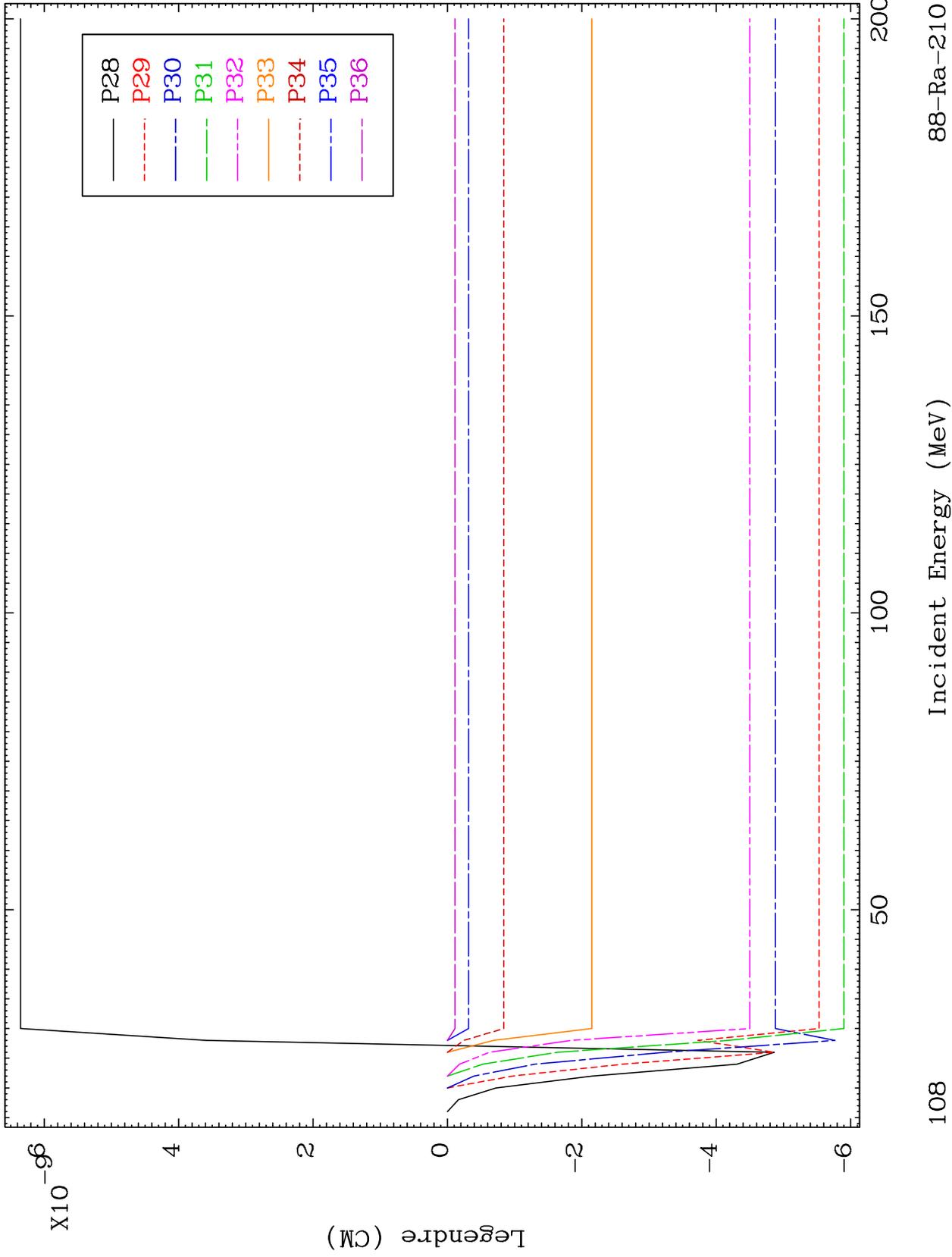
88-Ra-210



MAT 8786

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

88-Ra-210



108

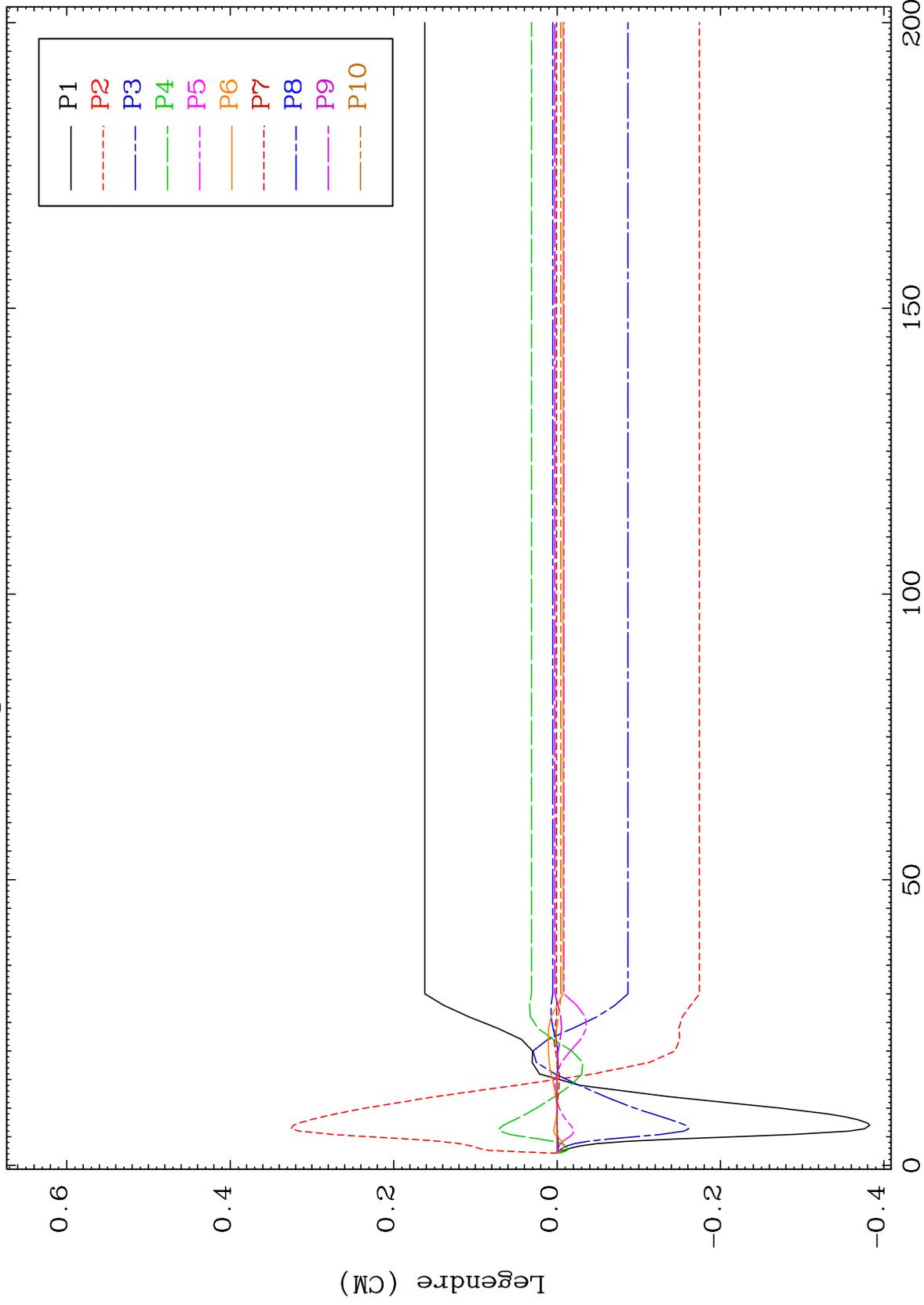
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

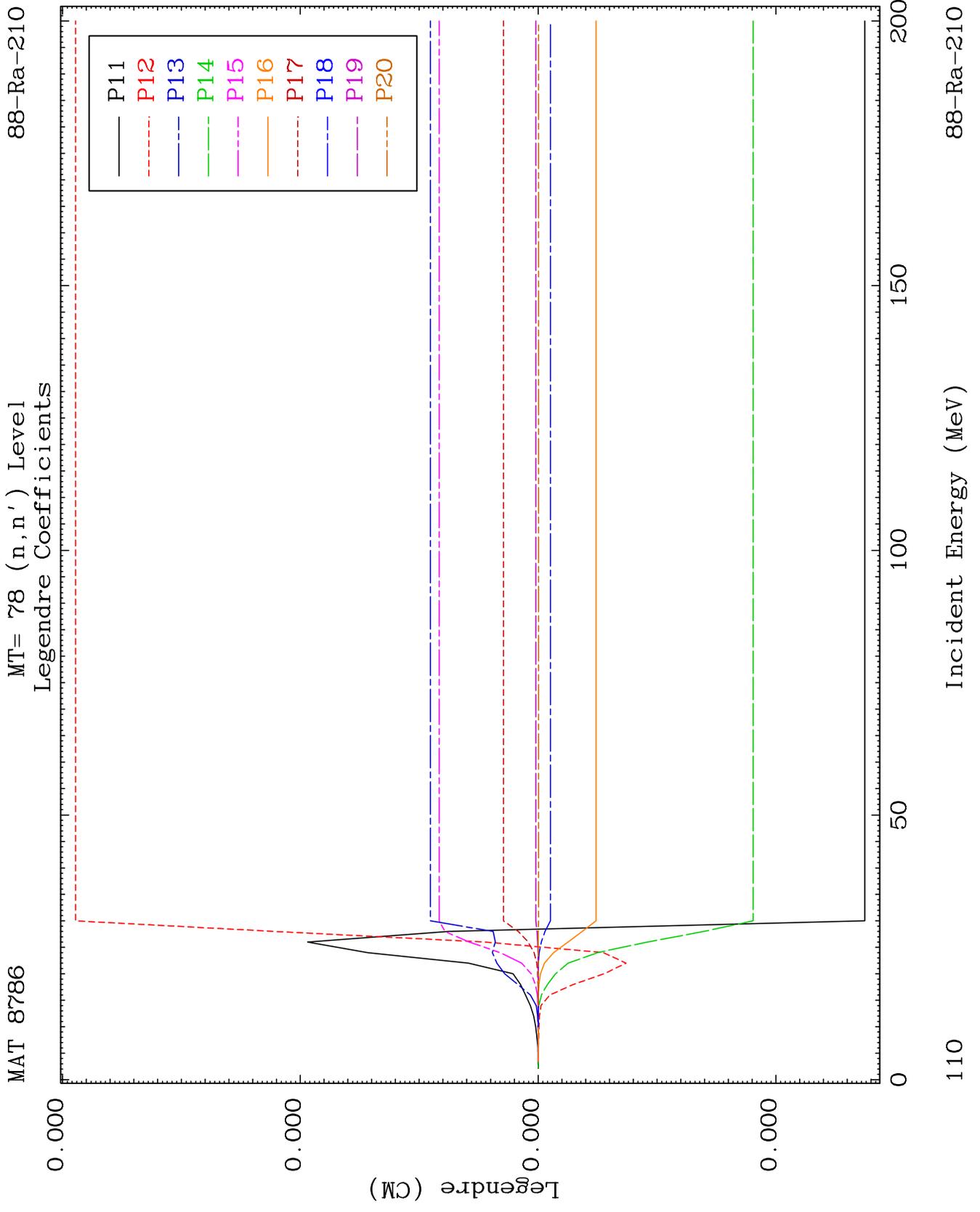
88-Ra-210



109

Incident Energy (MeV)

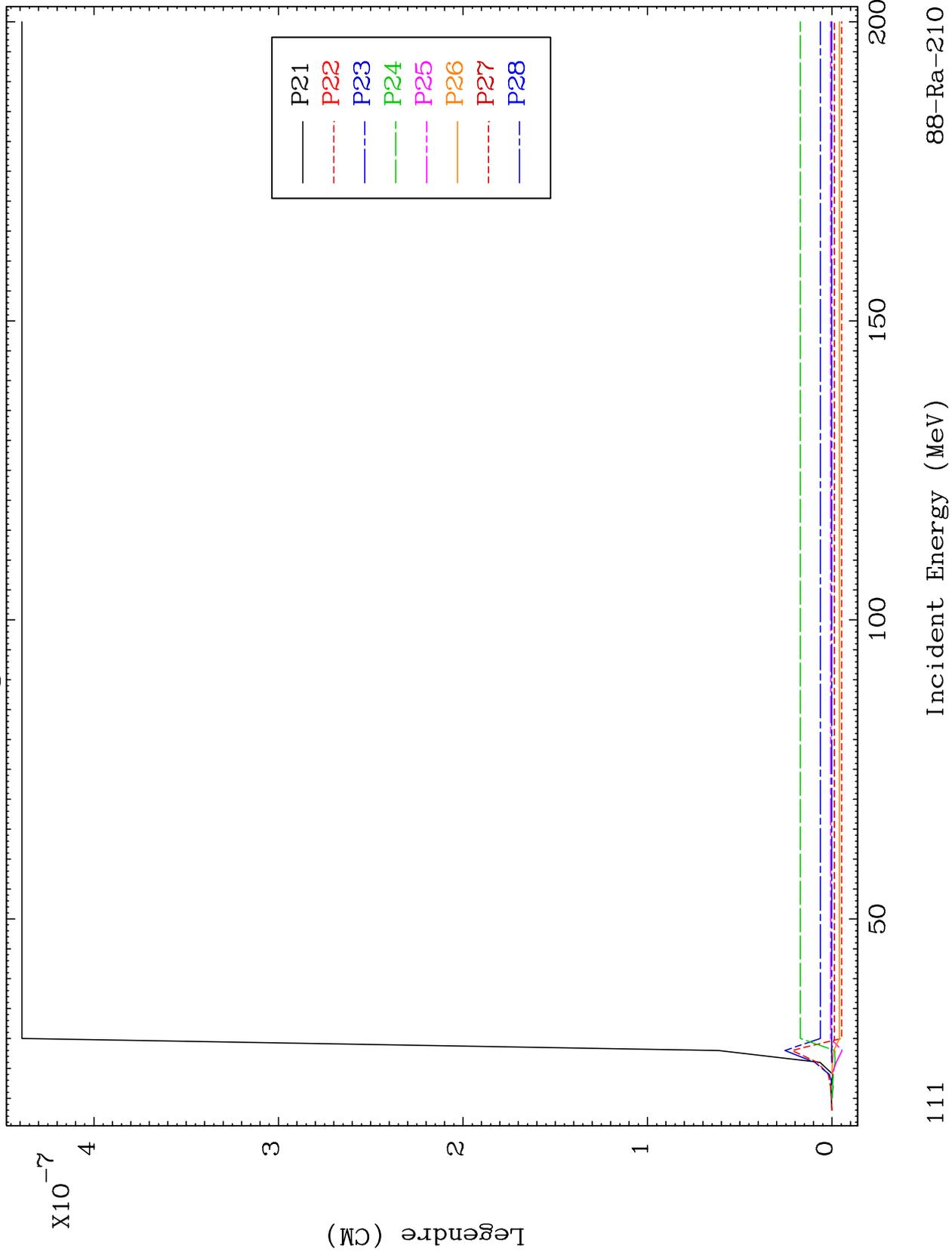
88-Ra-210



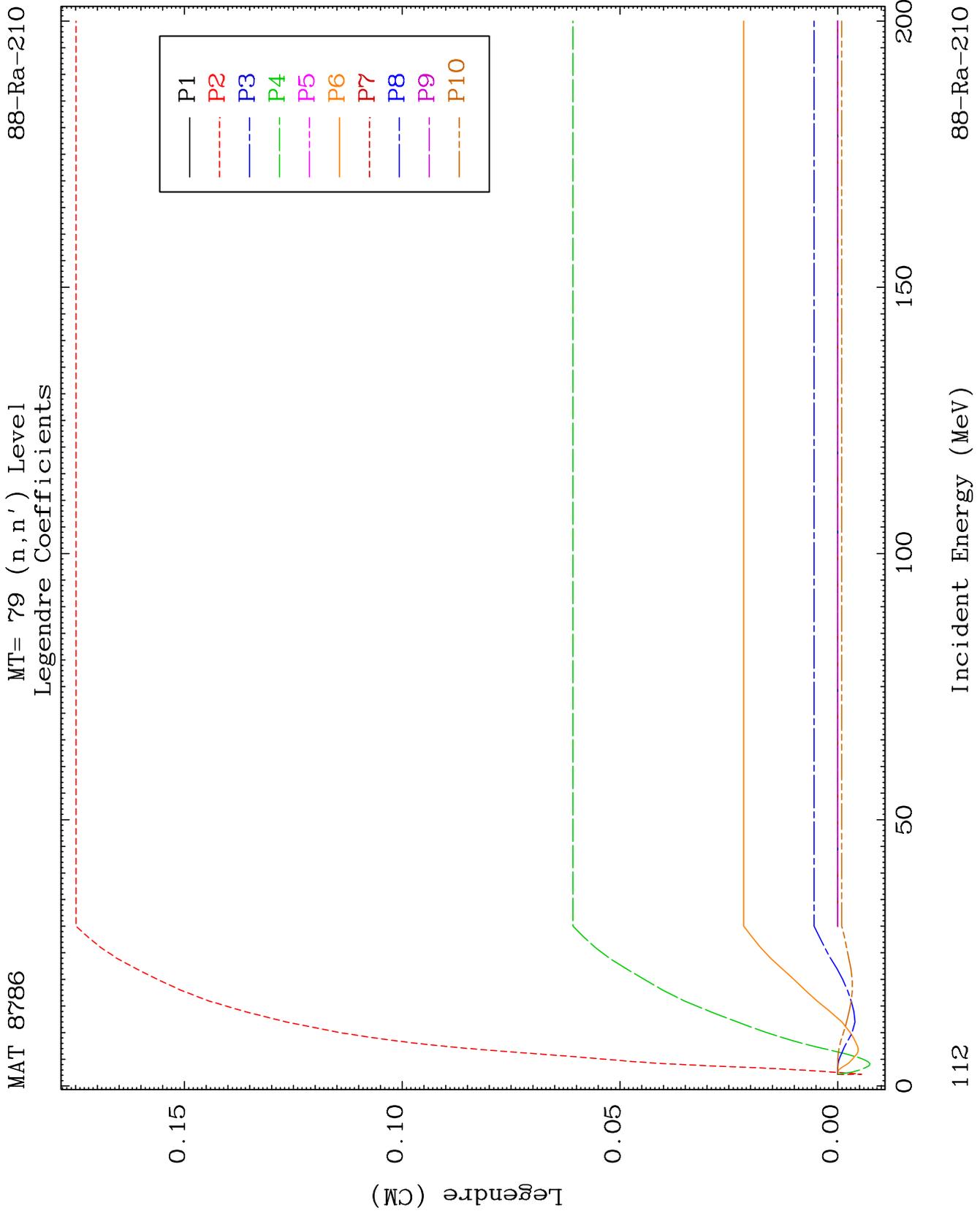
MAT 8786

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

88-Ra-210



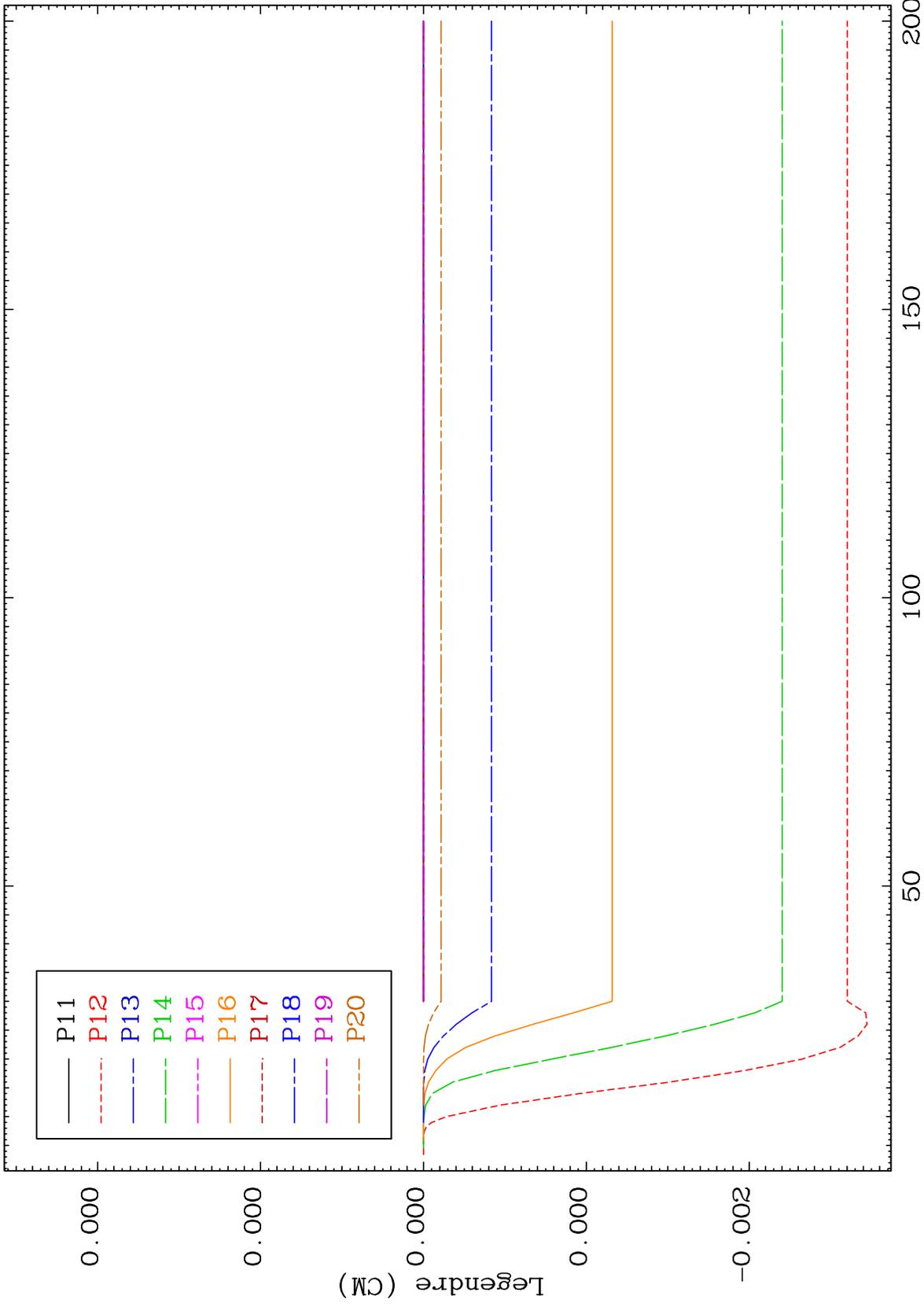
111



MAT 8786

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

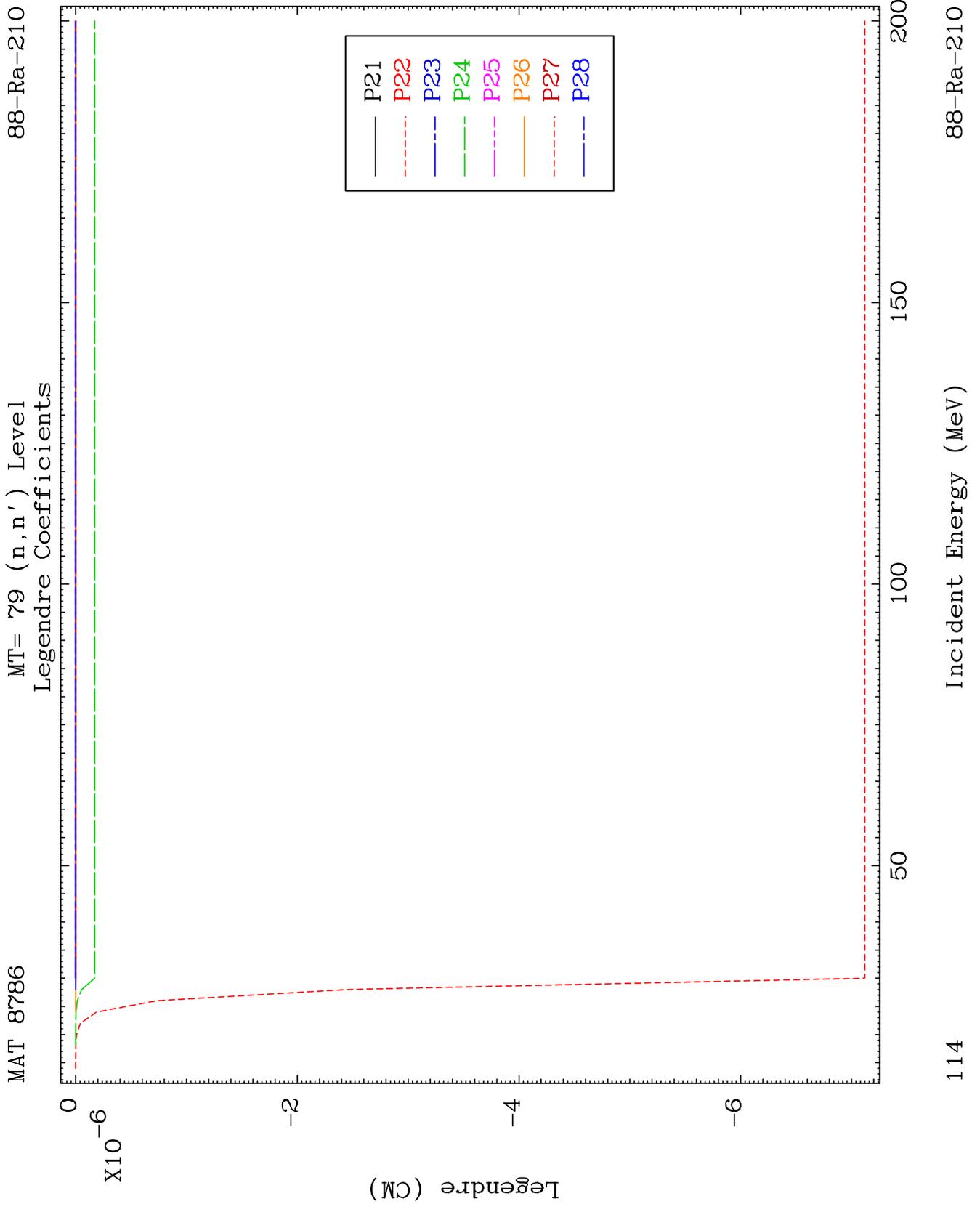
88-Ra-210



113

Incident Energy (MeV)

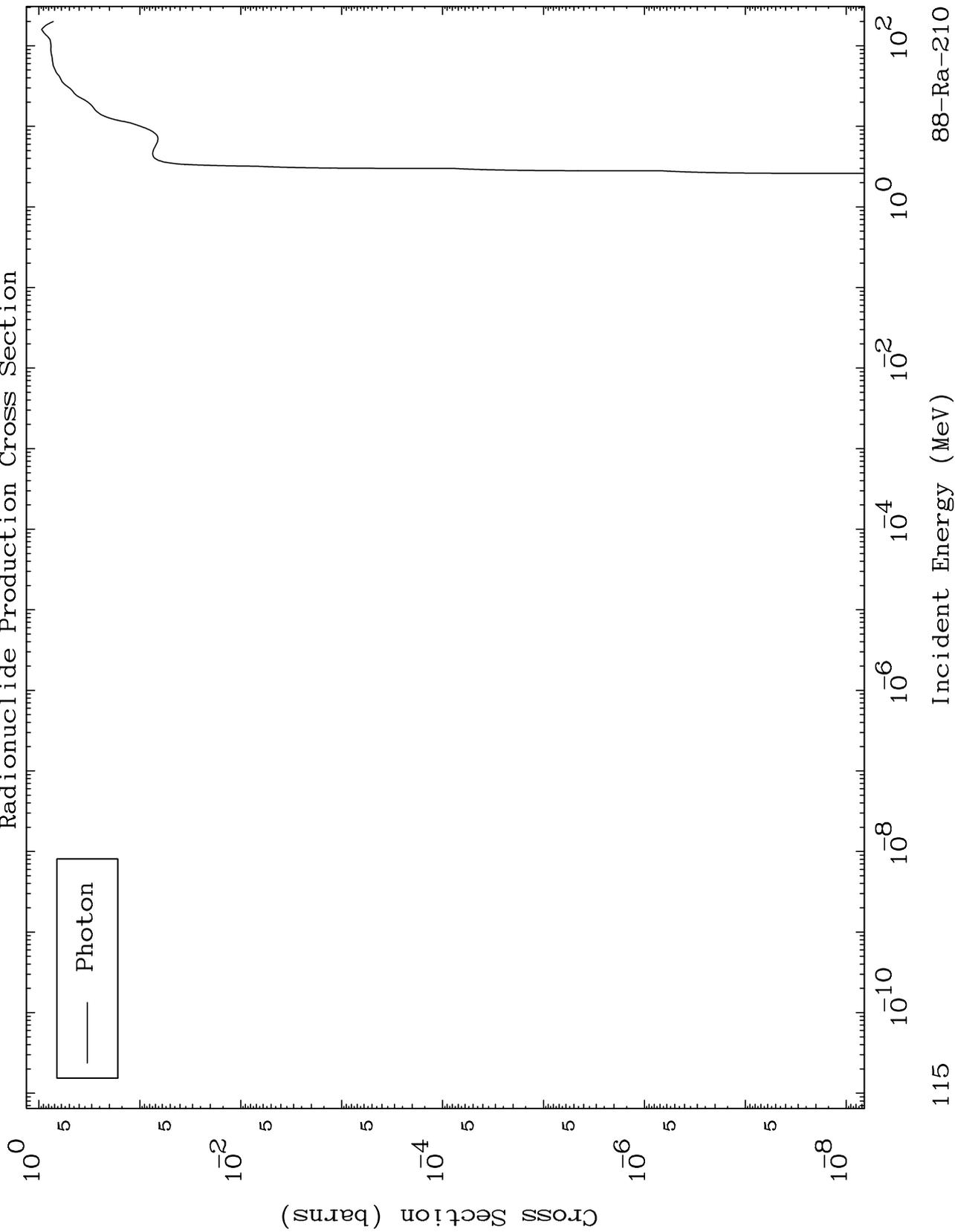
88-Ra-210



MAT 8786

Fission  
Radionuclide Production Cross Section

88-Ra-210

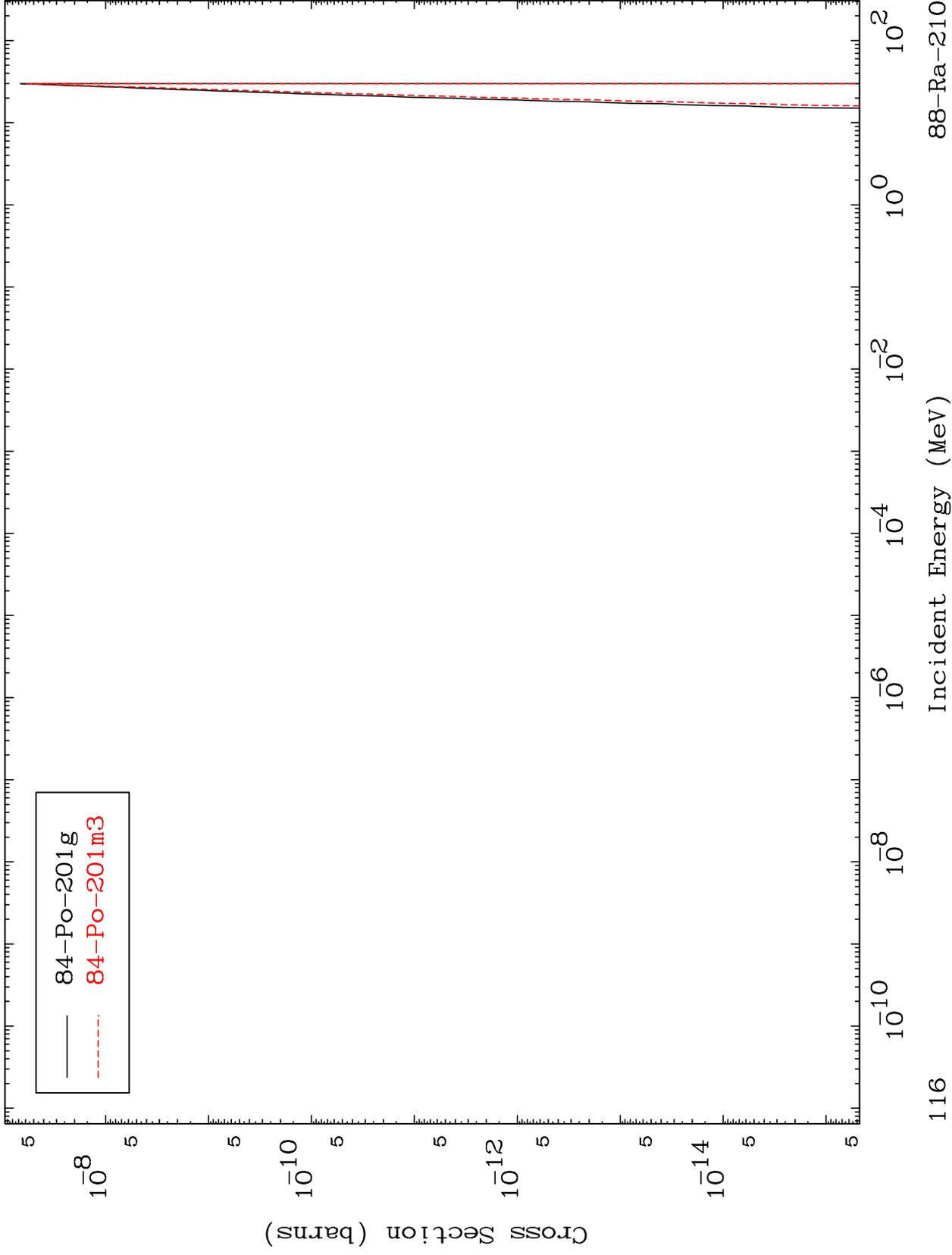


MAT 8786

$(n,2n) 2\alpha$

88-Ra-210

Radionuclide Production Cross Section

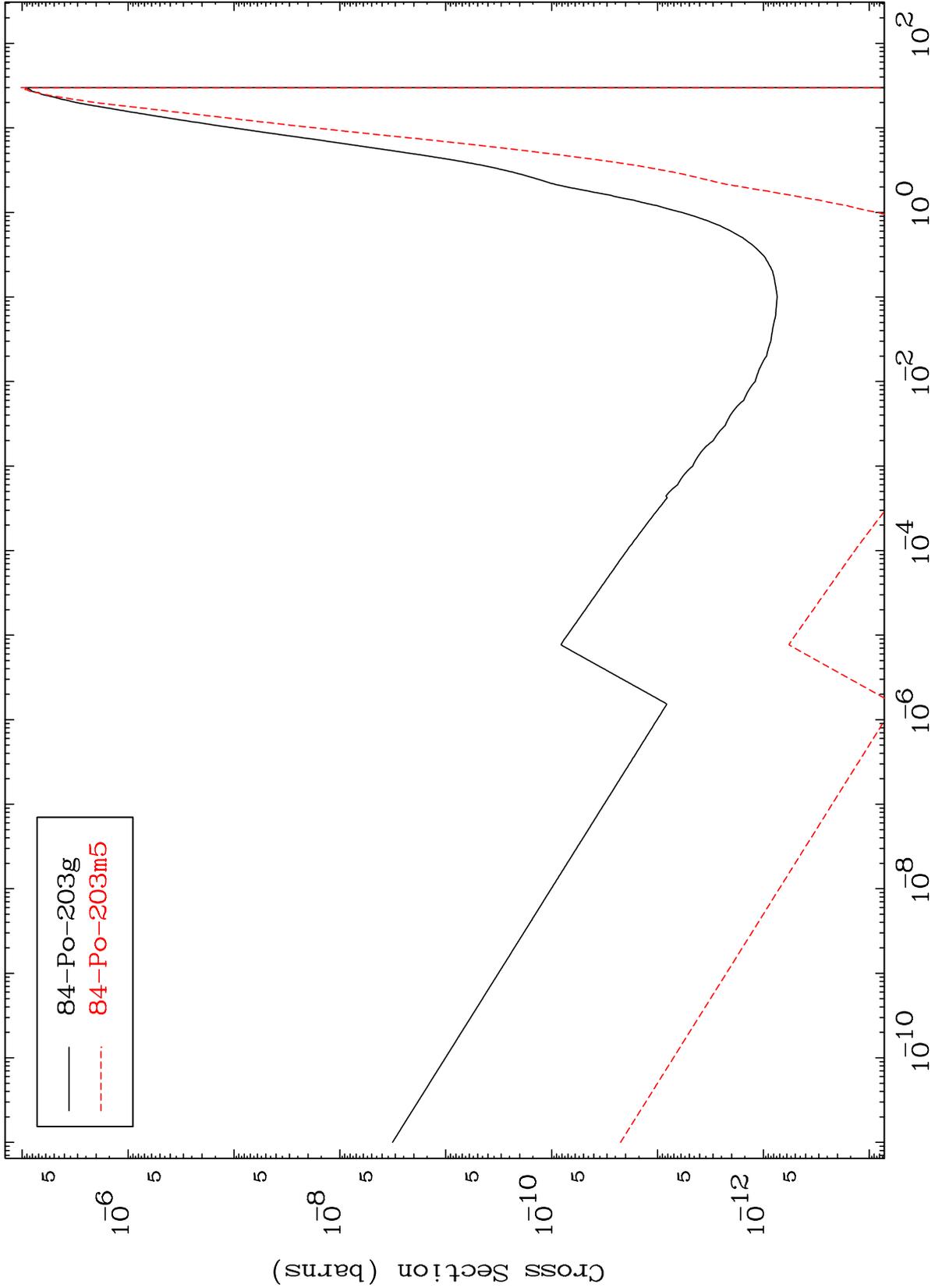


MAT 8786

(n,2α)

88-Ra-210

Radionuclide Production Cross Section

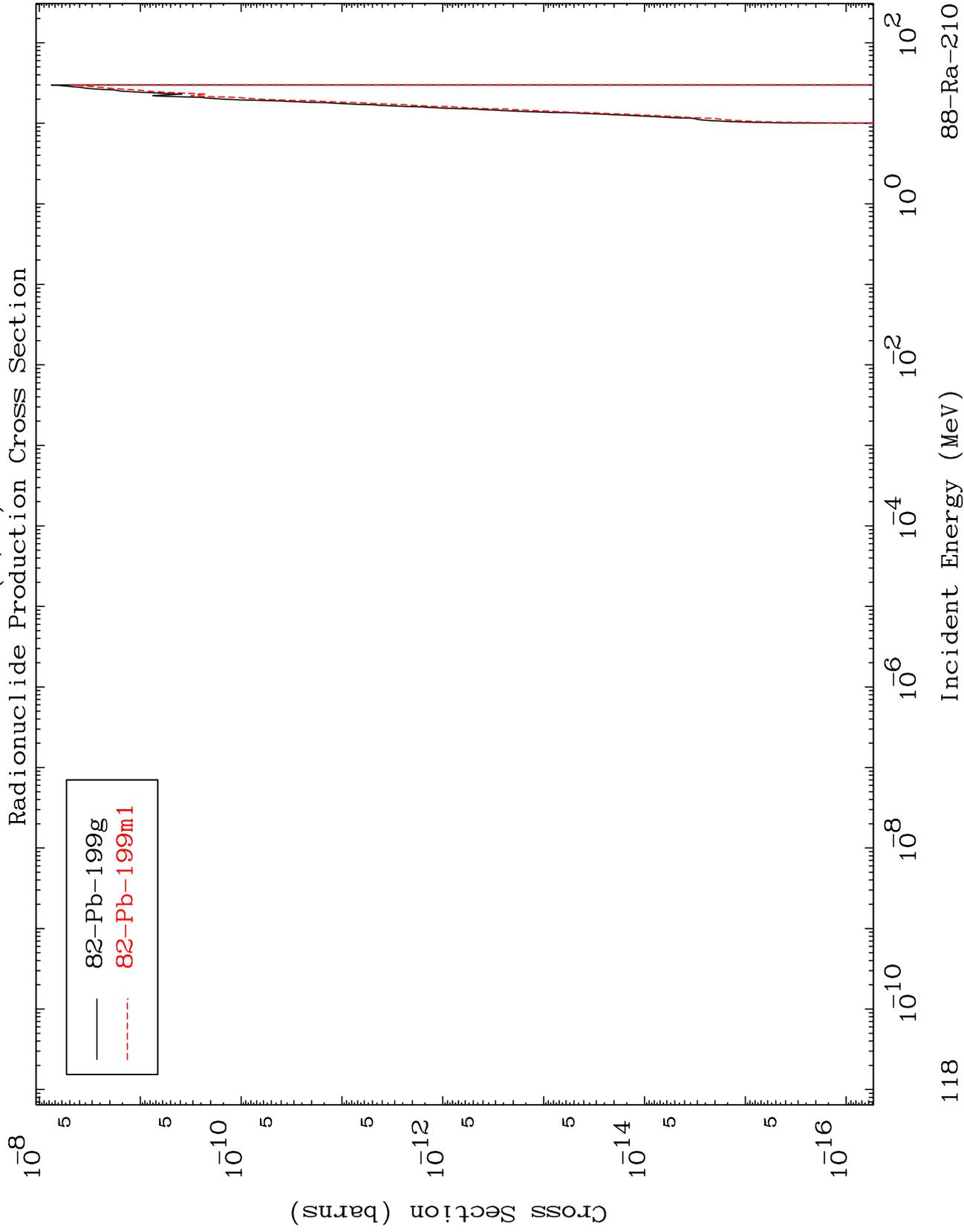


MAT 8786

(n, 3 $\alpha$ )

88-Ra-210

Radionuclide Production Cross Section



118

Incident Energy (MeV)

88-Ra-210