

Program EVALPLOT  
(Version 2017-1)

by

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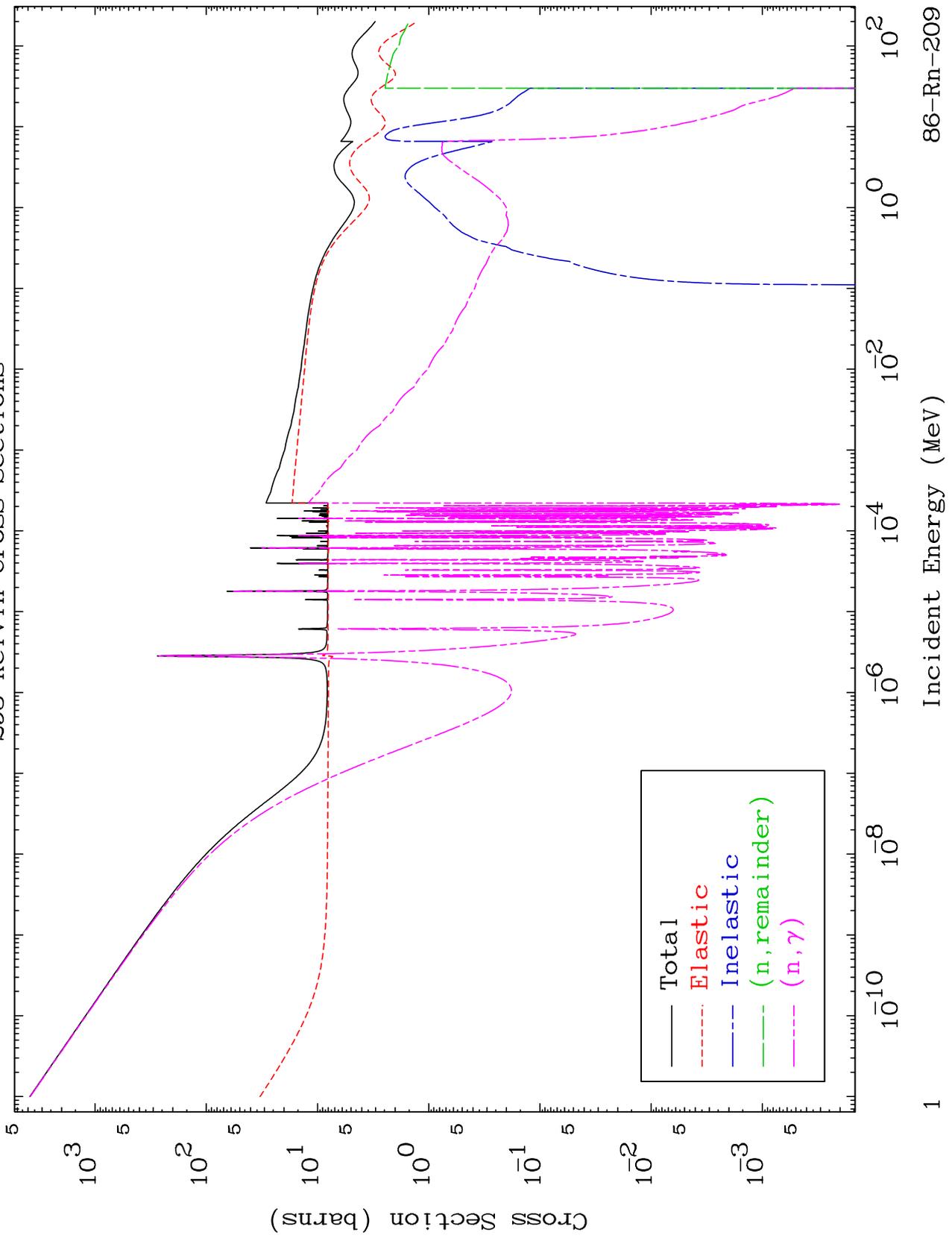
Press Mouse Button to Start

MAT 8619

Major

293 Kelvin Cross Sections

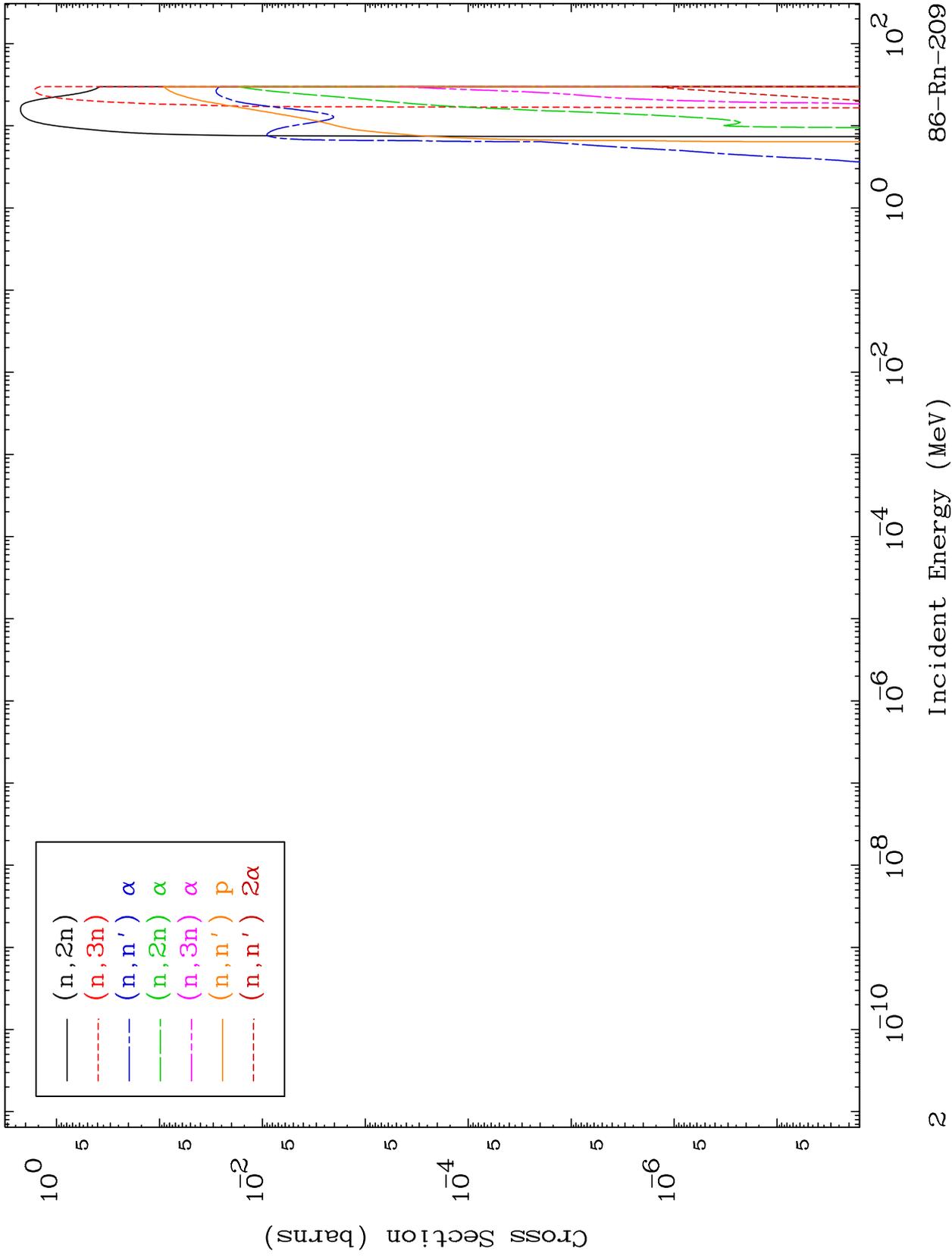
86-Rn-209



MAT 8619

Neutron Production  
293 Kelvin Cross Sections

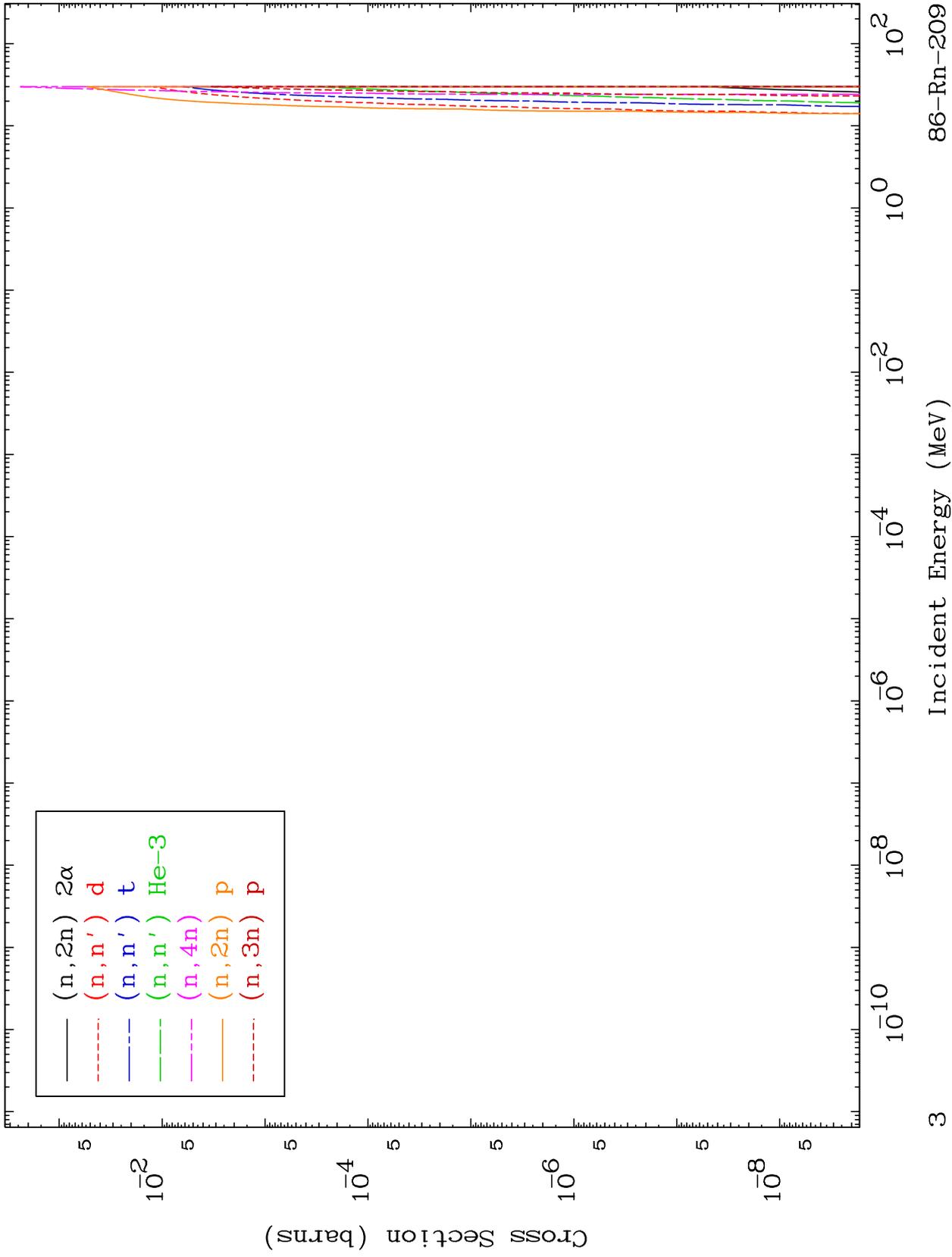
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MAT 8619

Neutron Production  
293 Kelvin Cross Sections

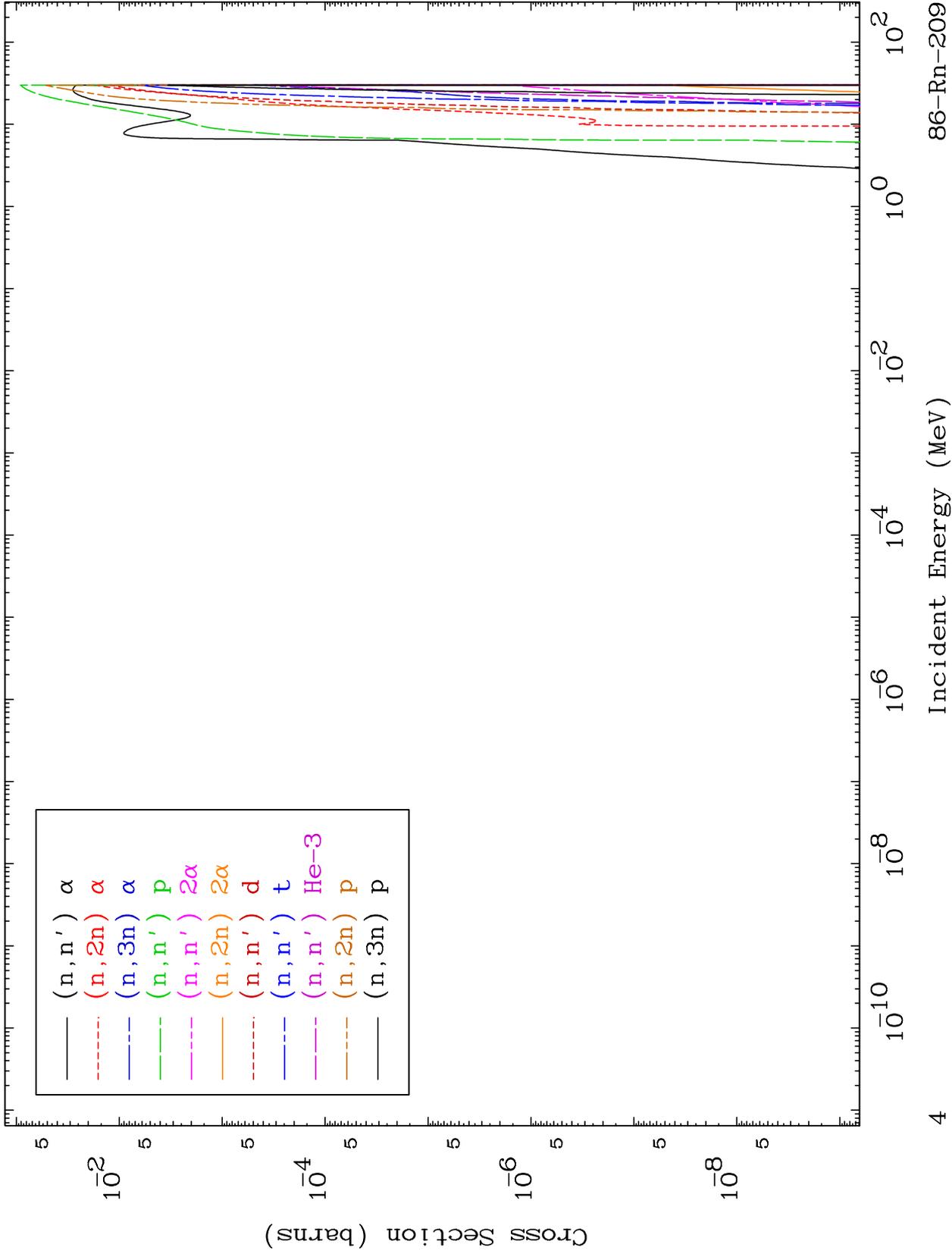
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MAT 8619

Charged Particle  
293 Kelvin Cross Sections

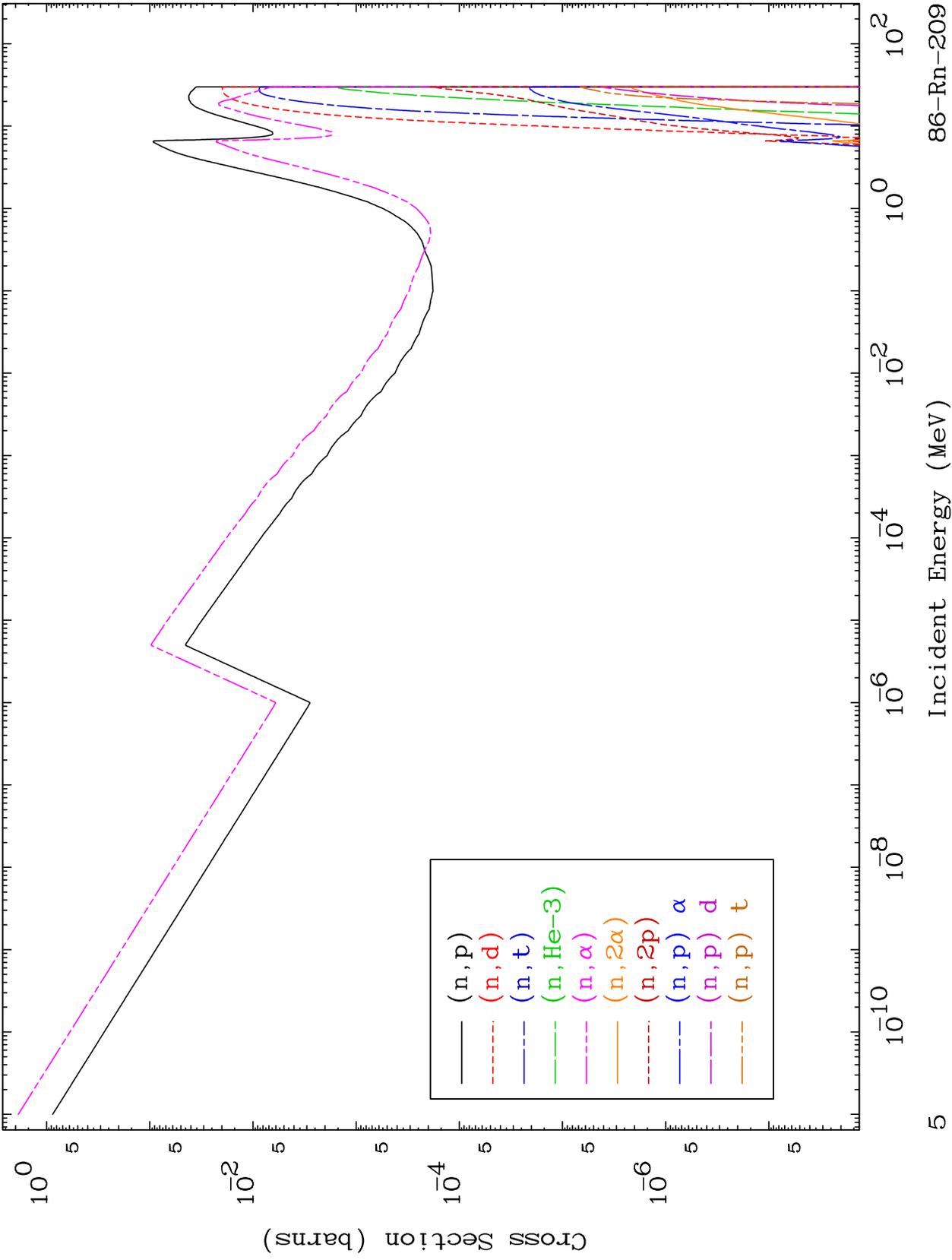
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MAT 8619

Charged Particle  
293 Kelvin Cross Sections

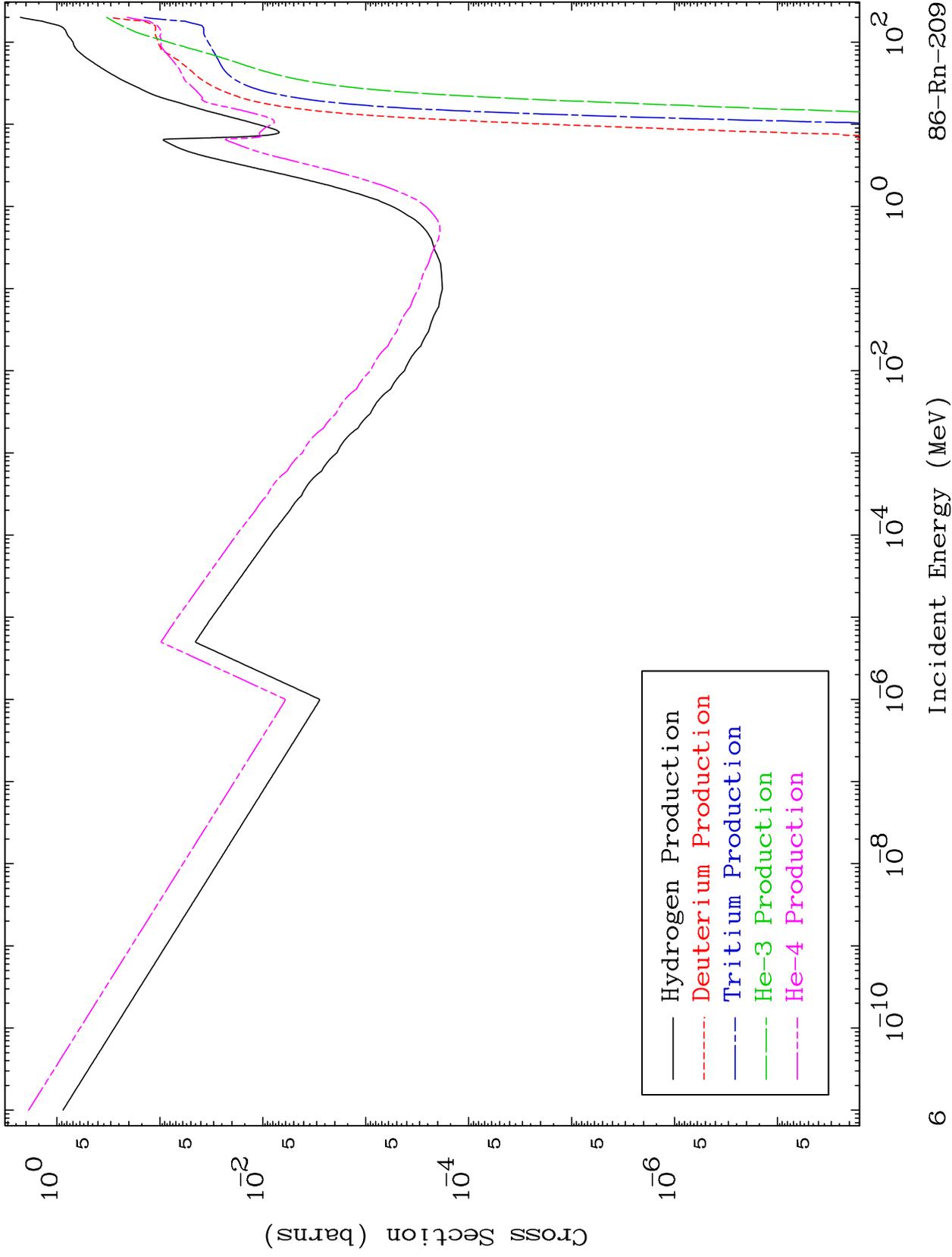
86-Rn-209



MAT 8619

Particle Production  
293 Kelvin Cross Sections

86-Rn-209

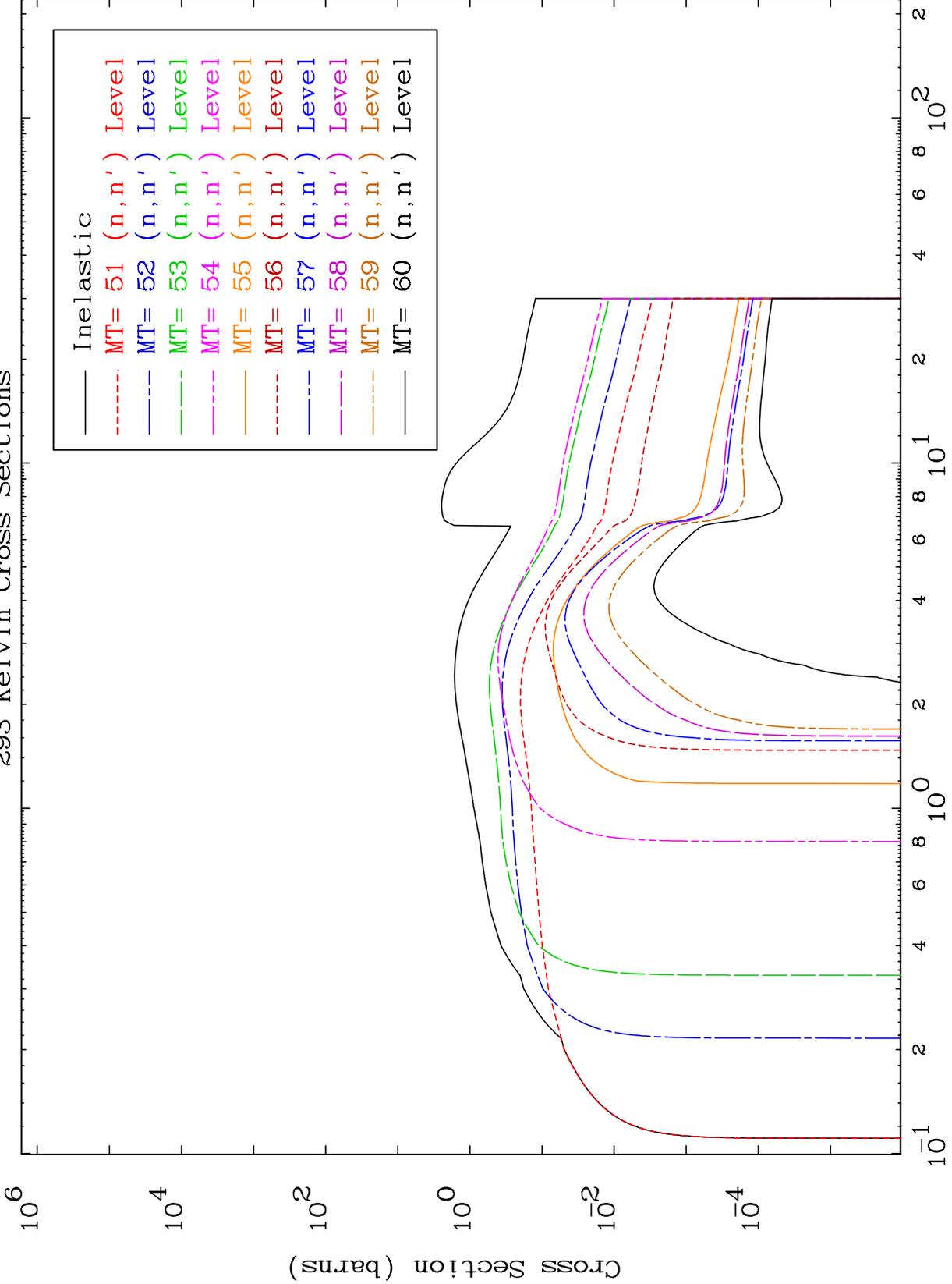


MAT 8619

(n,n') Level

86-Rn-209

293 Kelvin Cross Sections

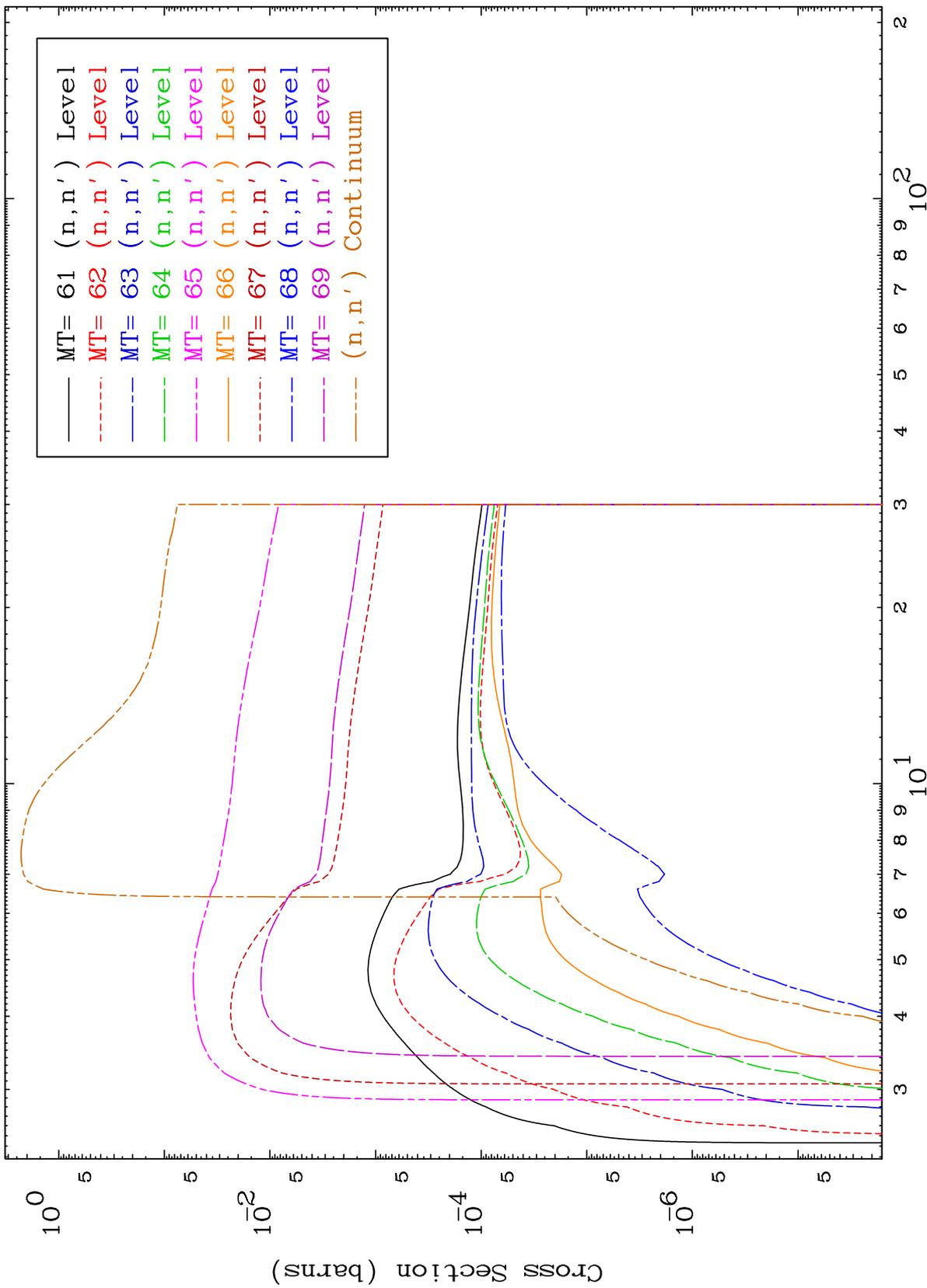


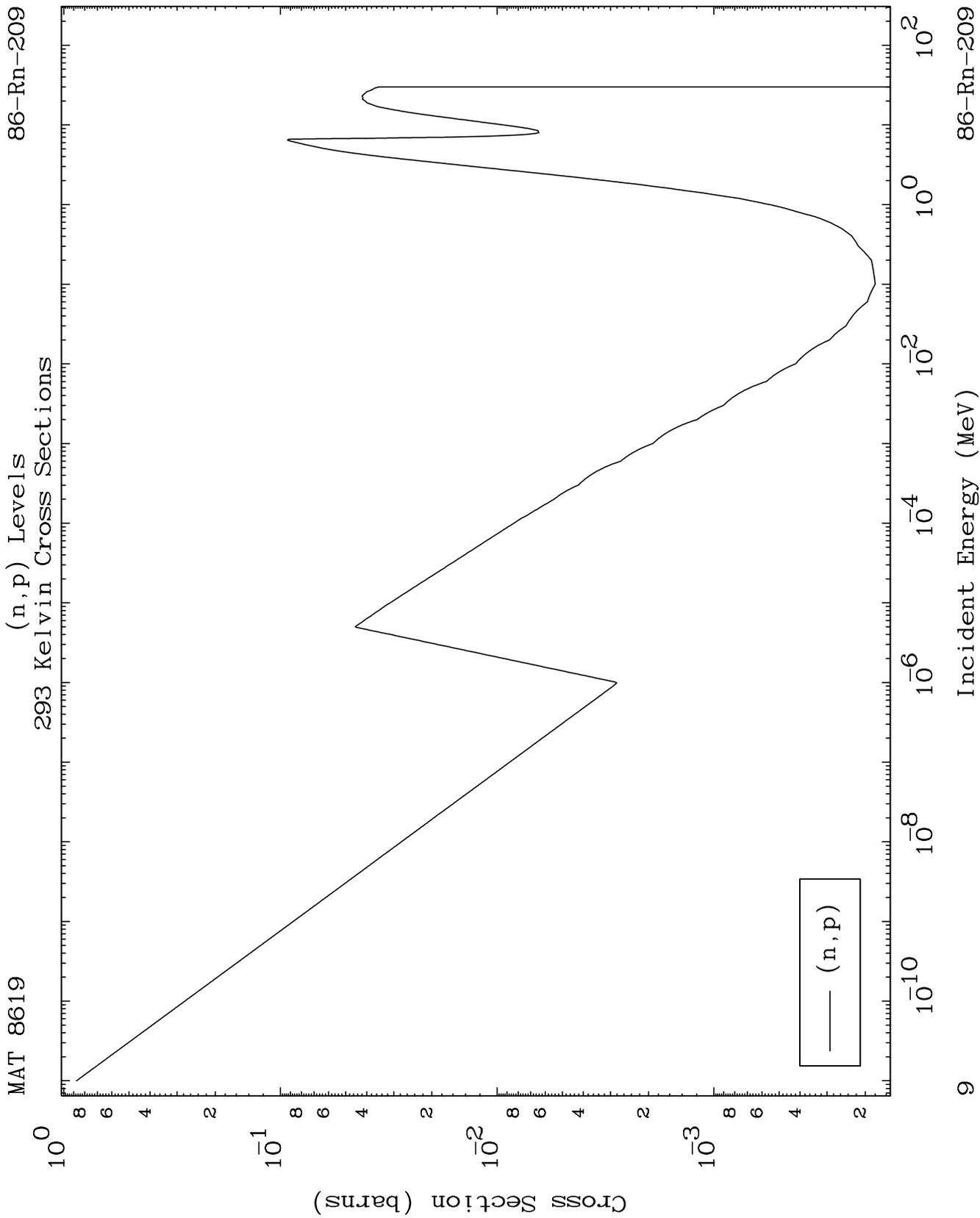
Incident Energy (MeV)

86-Rn-209

7

293 Kelvin Cross Sections

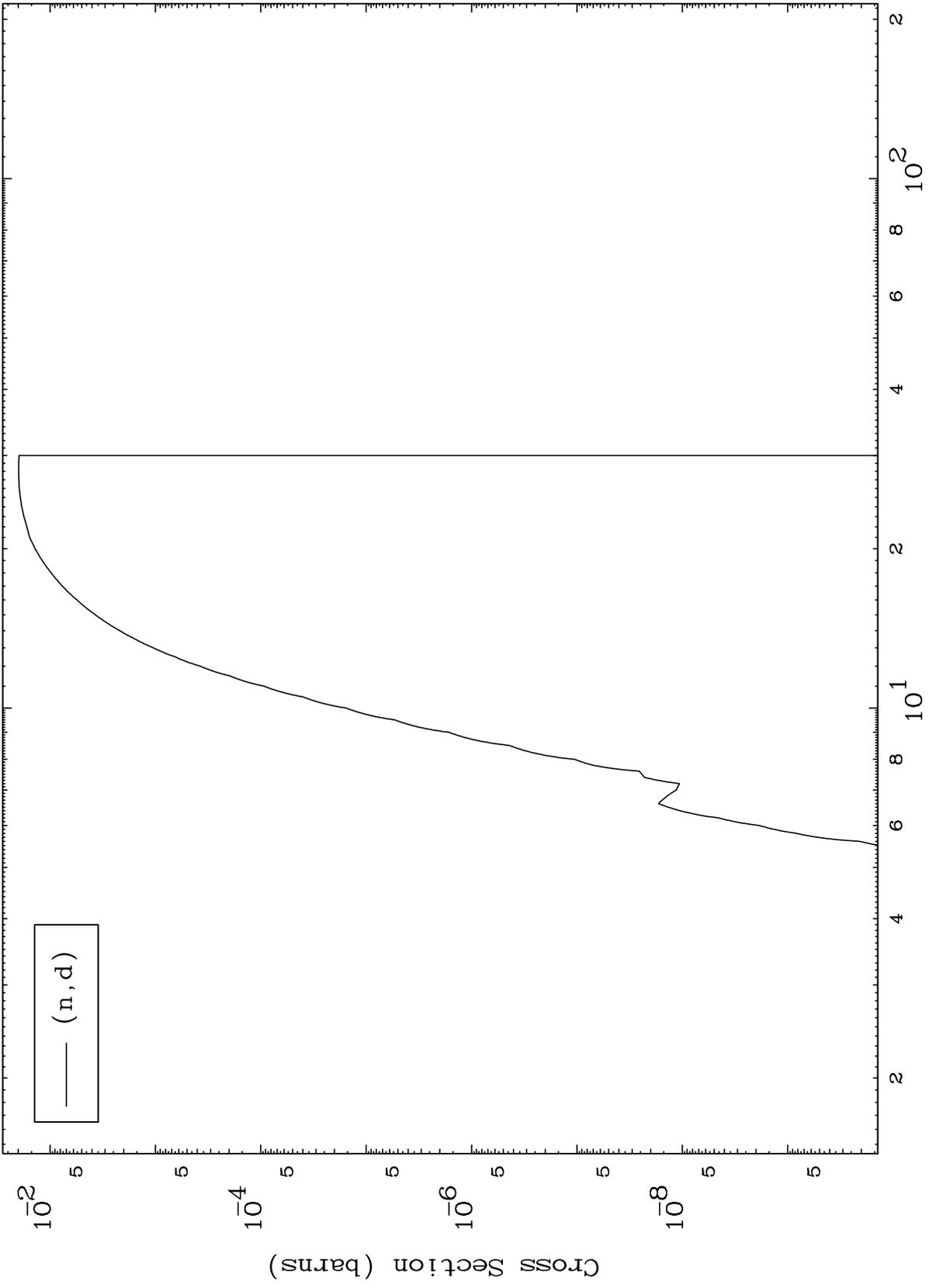




MAT 8619

(n,d) Levels  
293 Kelvin Cross Sections

86-Rn-209



10

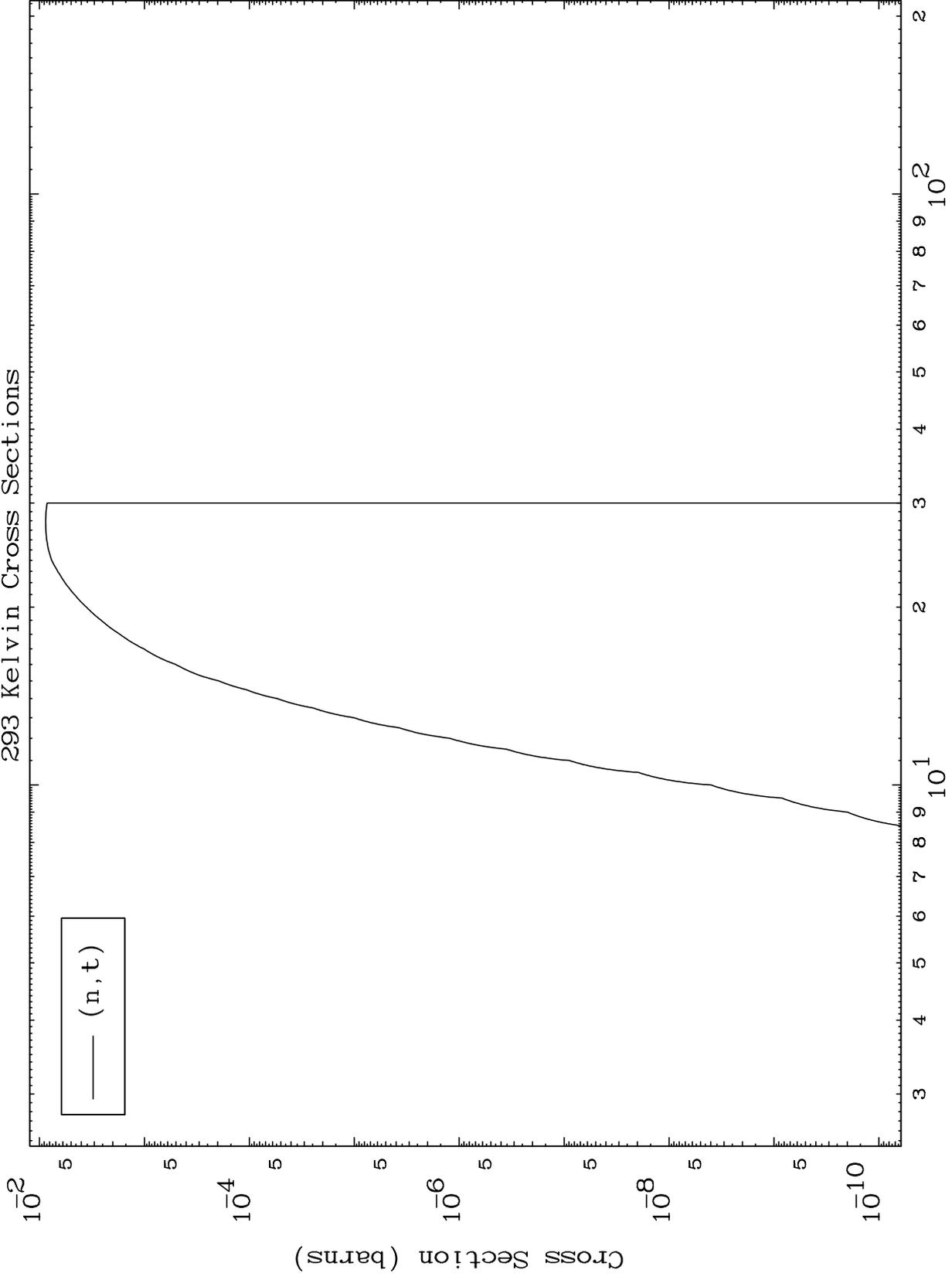
Incident Energy (MeV)

86-Rn-209

MAT 8619

(n,t) Levels  
293 Kelvin Cross Sections

86-Rn-209

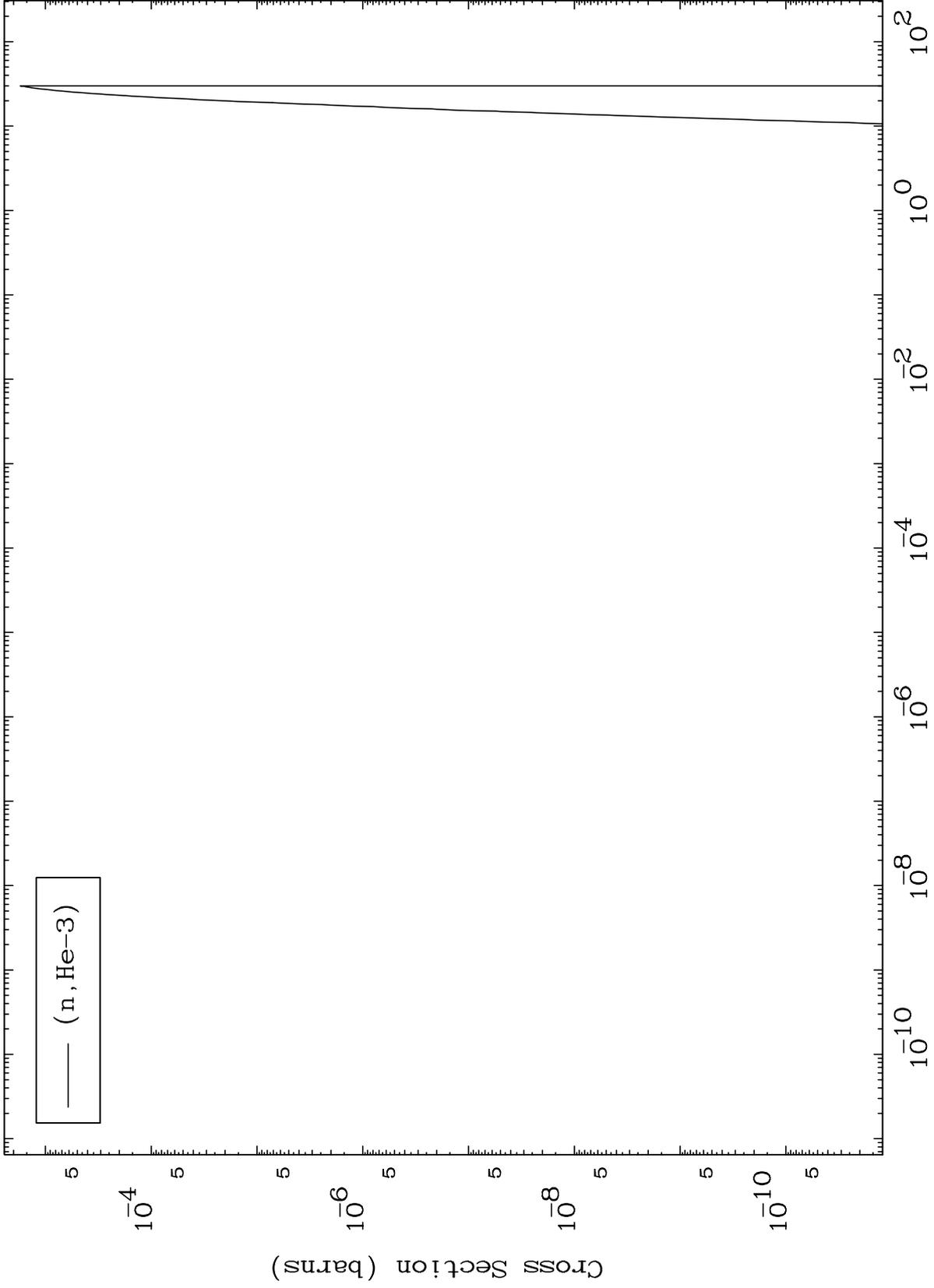


(n,t)

MAT 8619

(n,He3) Levels  
293 Kelvin Cross Sections

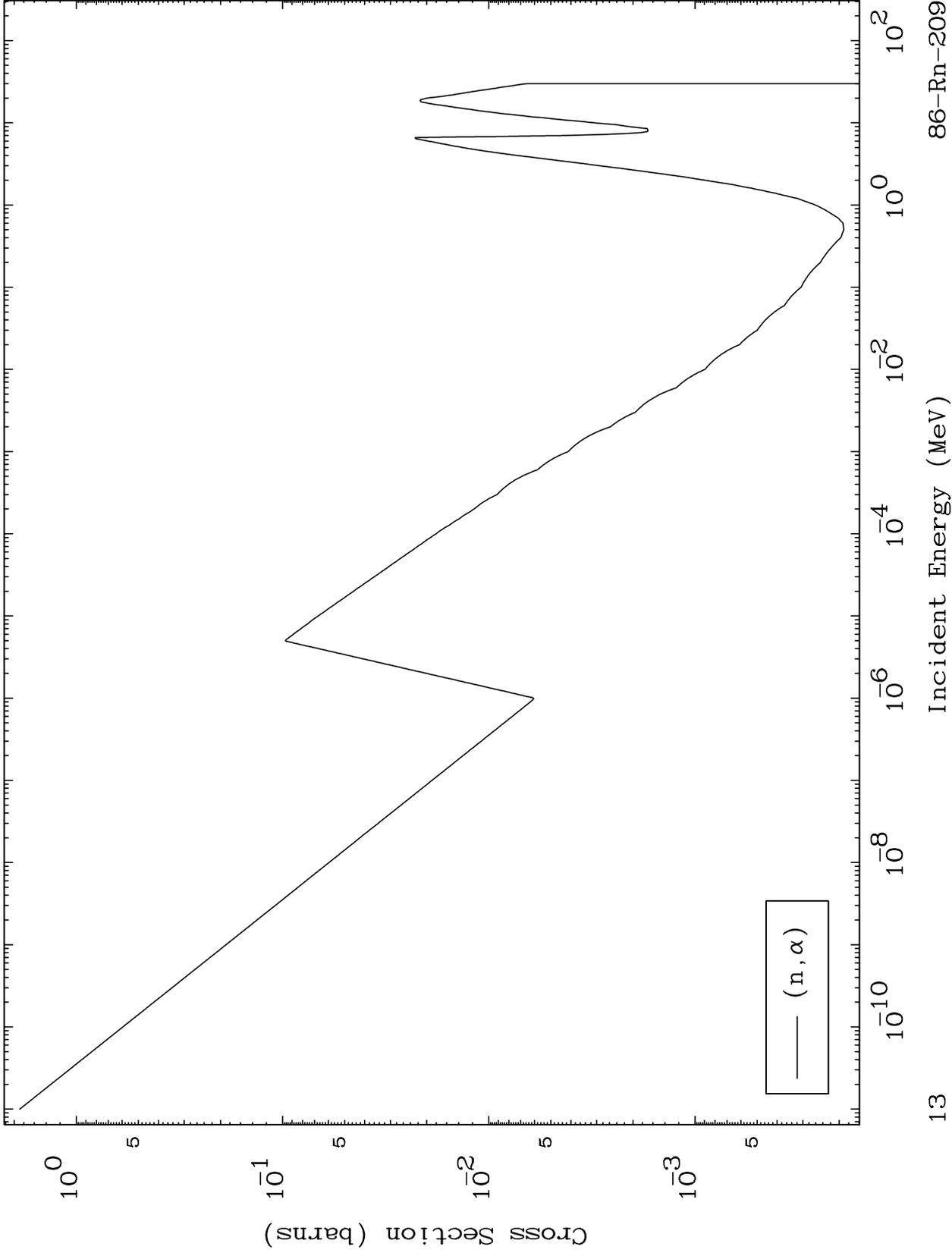
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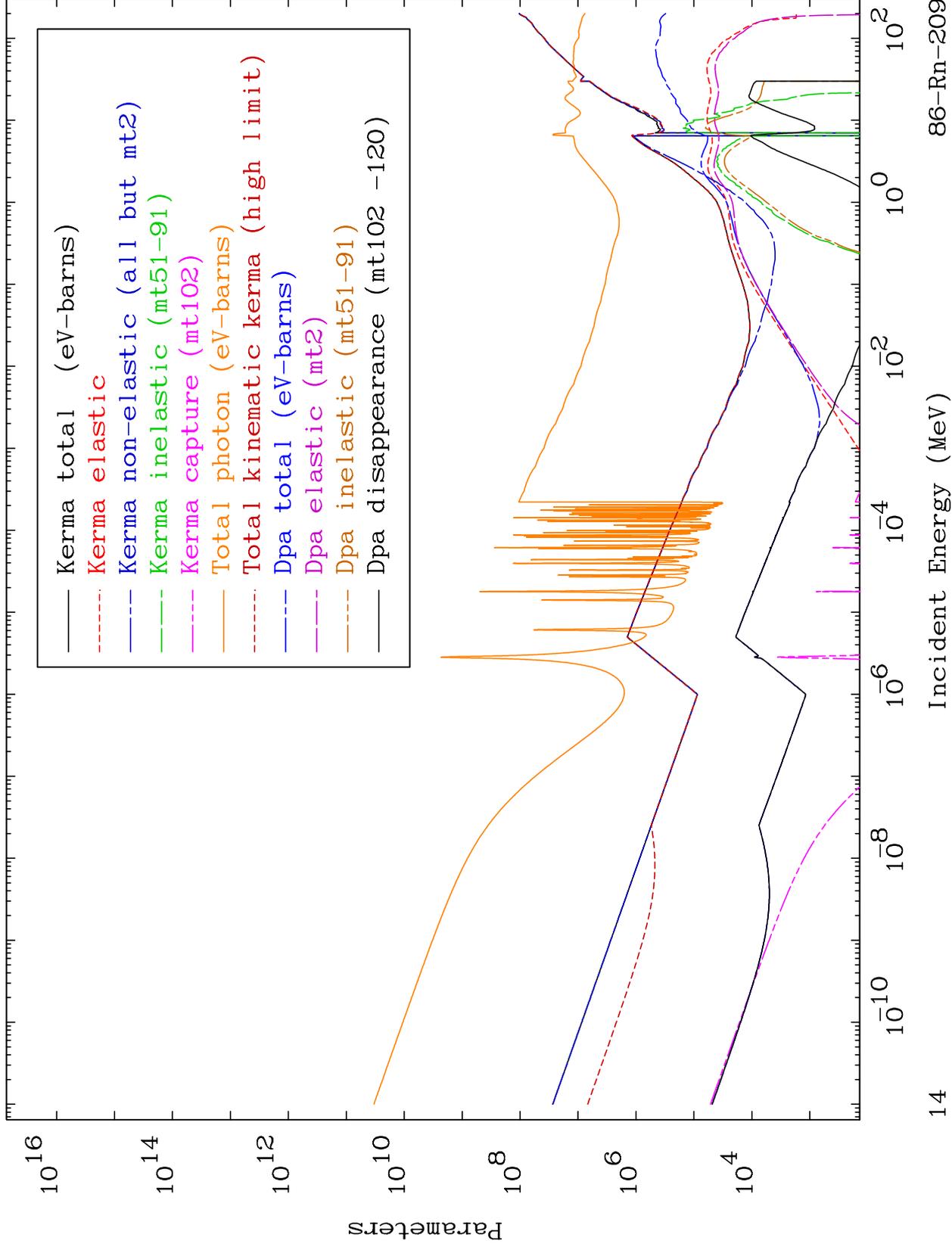


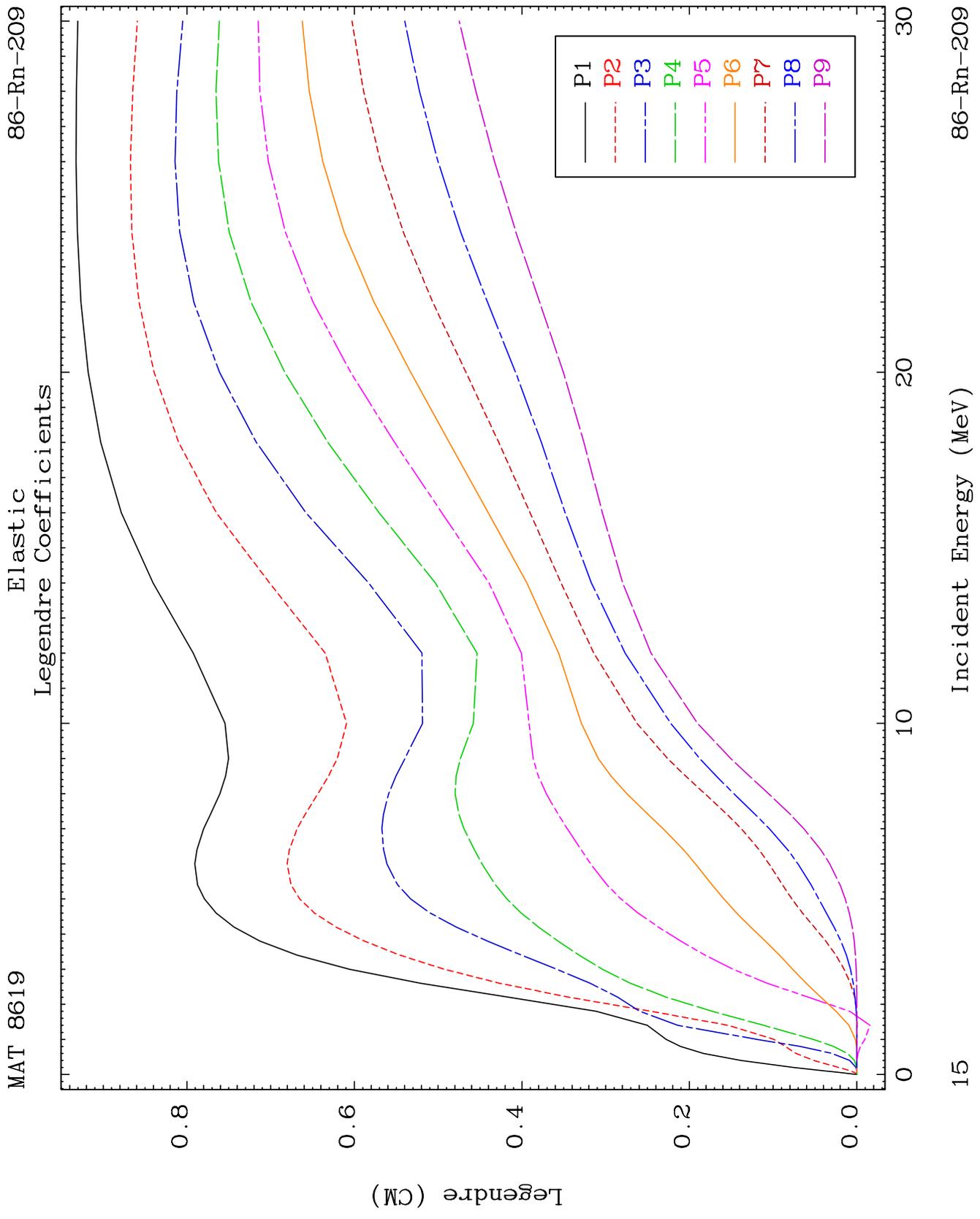
MAT 8619

(n,α) Levels  
293 Kelvin Cross Sections

86-Rn-209



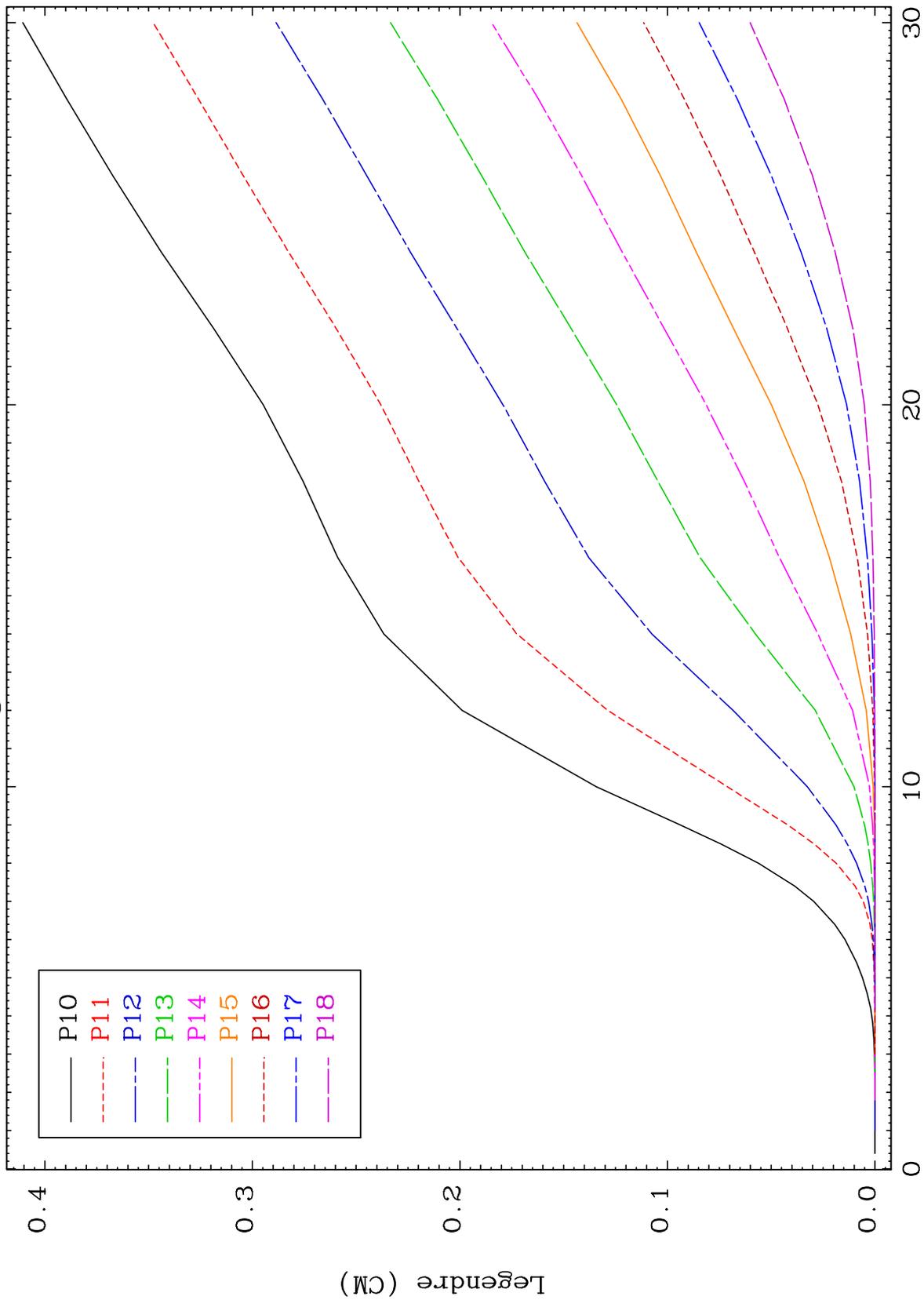




MAT 8619

Elastic Legendre Coefficients

86-Rn-209



16

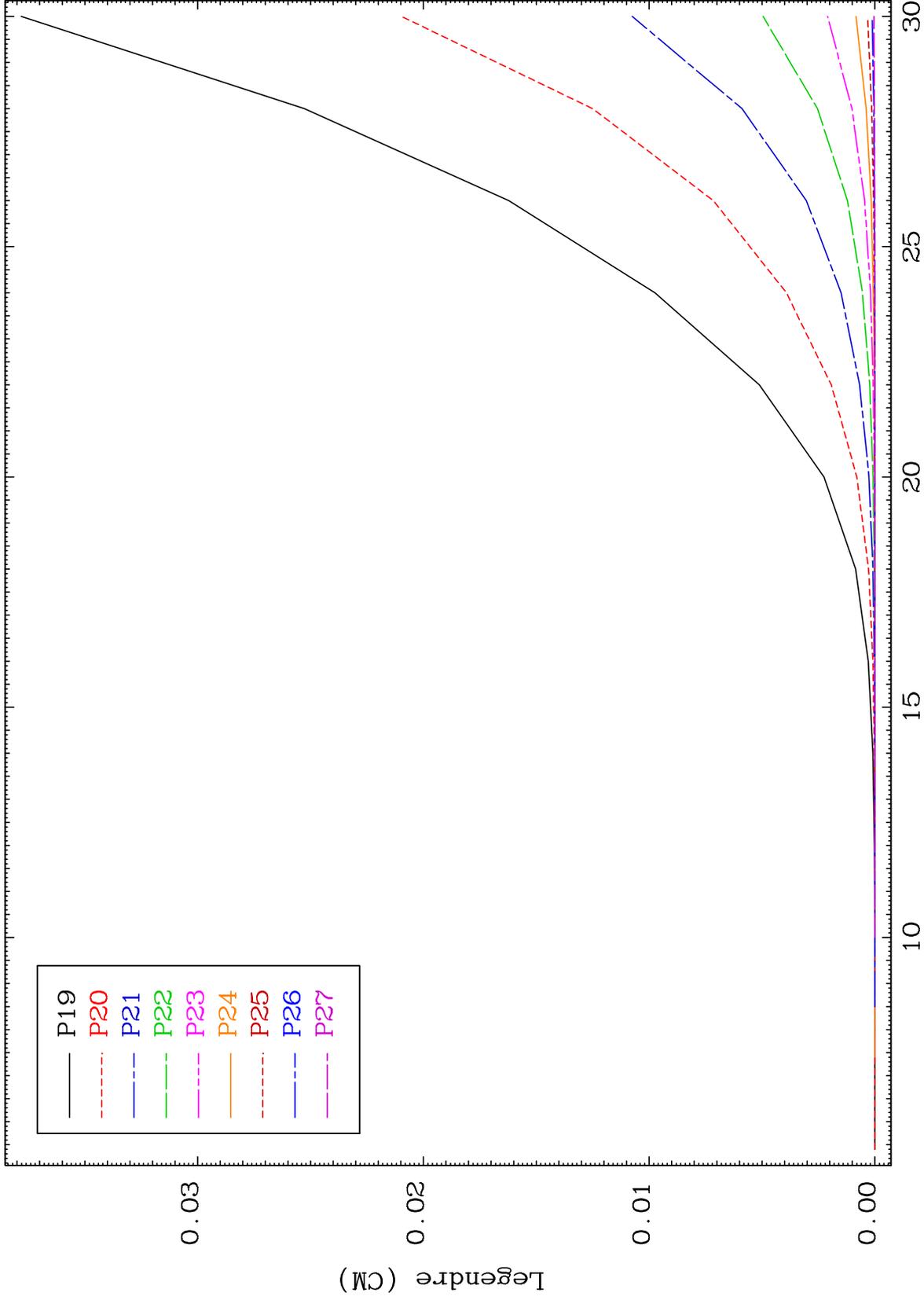
Incident Energy (MeV)

86-Rn-209

MAT 8619

### Elastic Legendre Coefficients

86-Rn-209



17

Incident Energy (MeV)

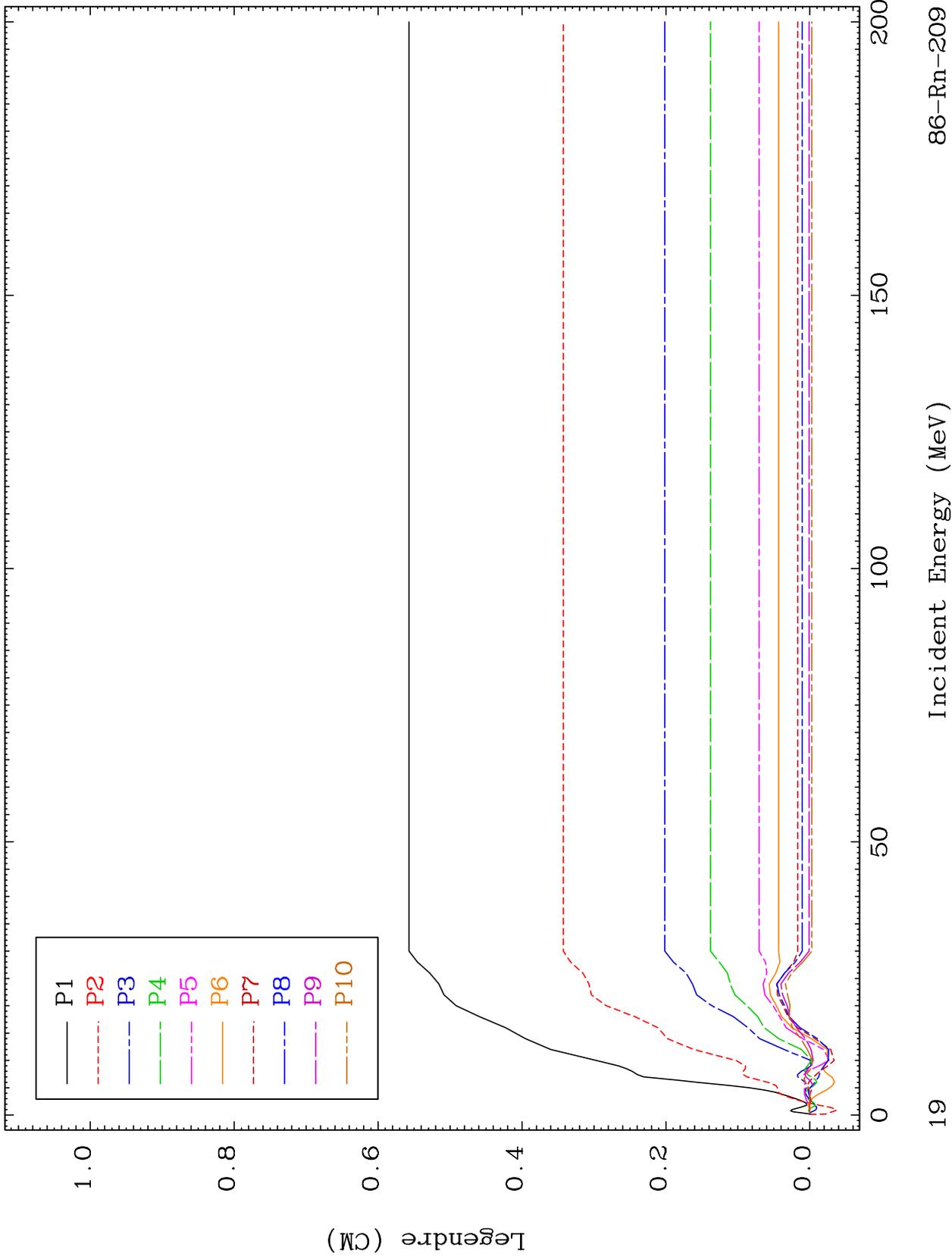
86-Rn-209



MAT 8619

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

86-Rn-209



19

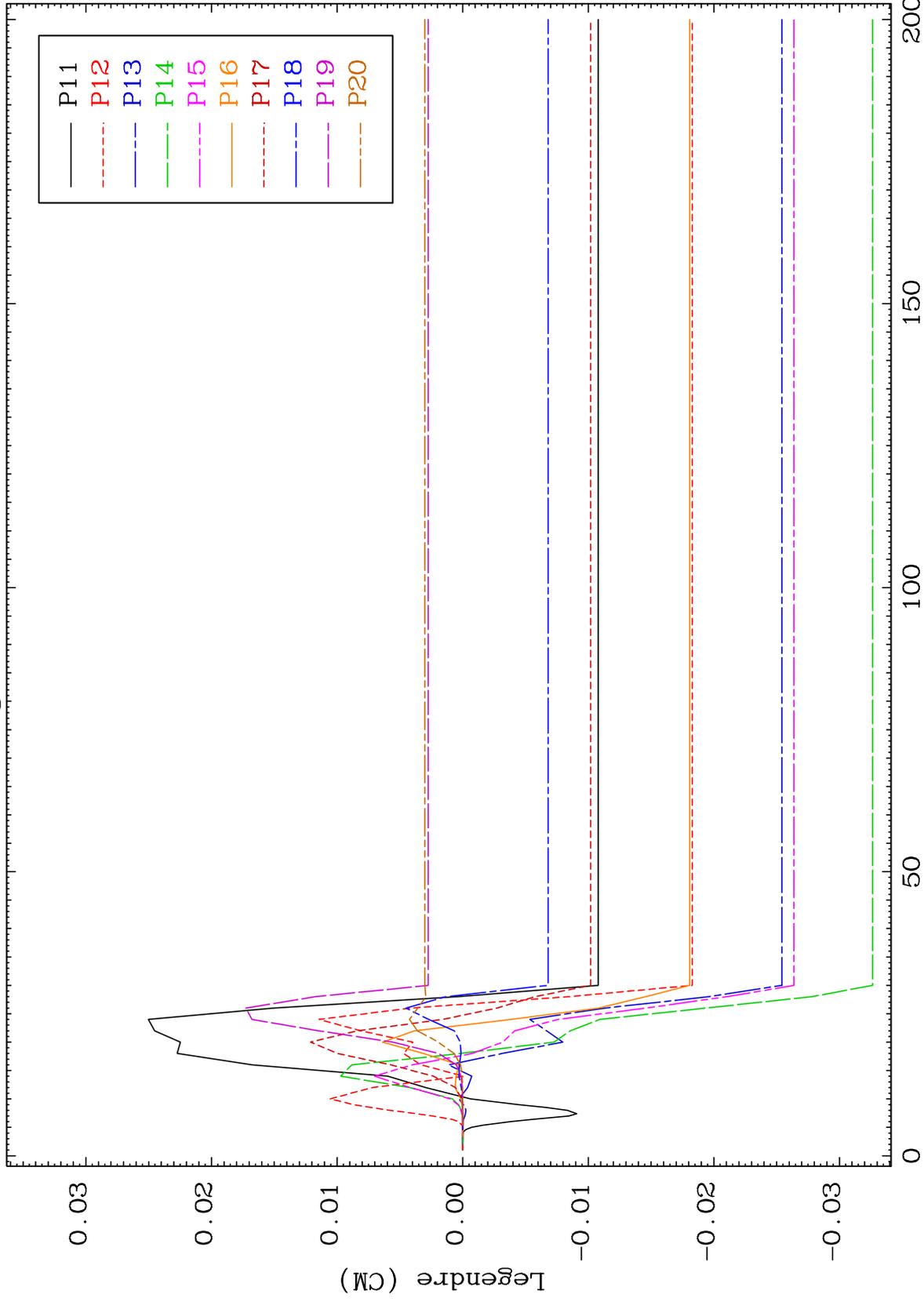
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

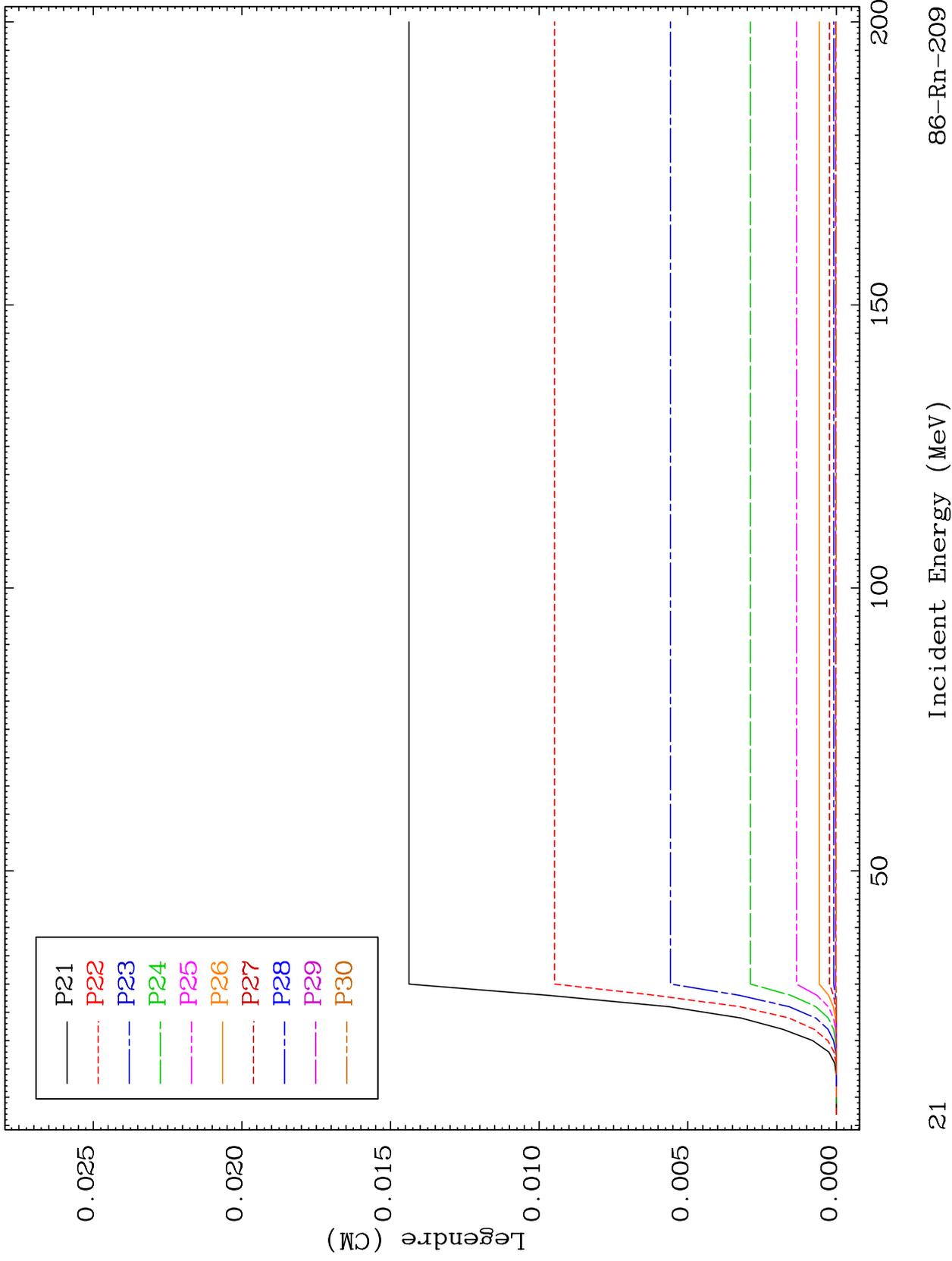
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20

Incident Energy (MeV)

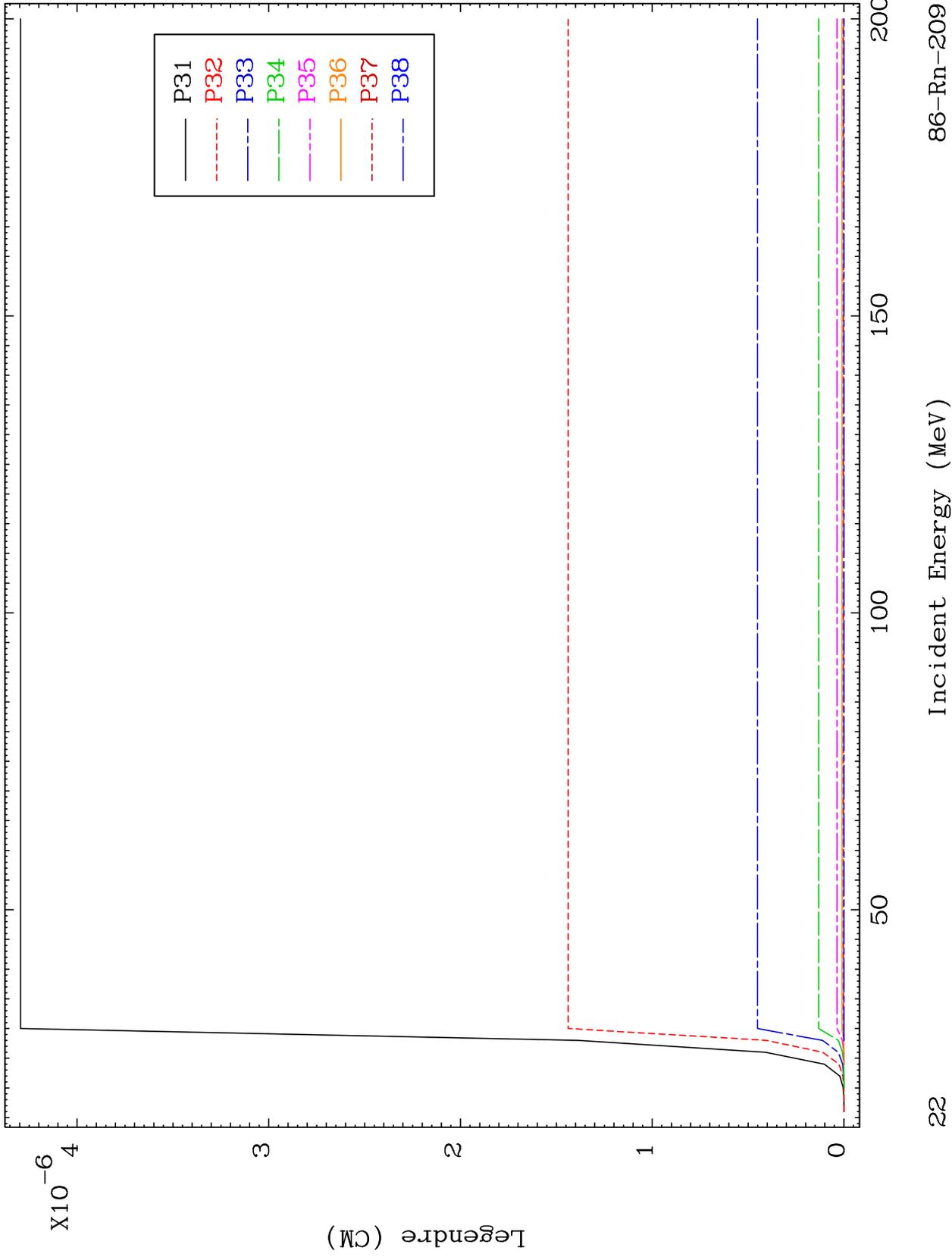
86-Rn-209



MAT 8619

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

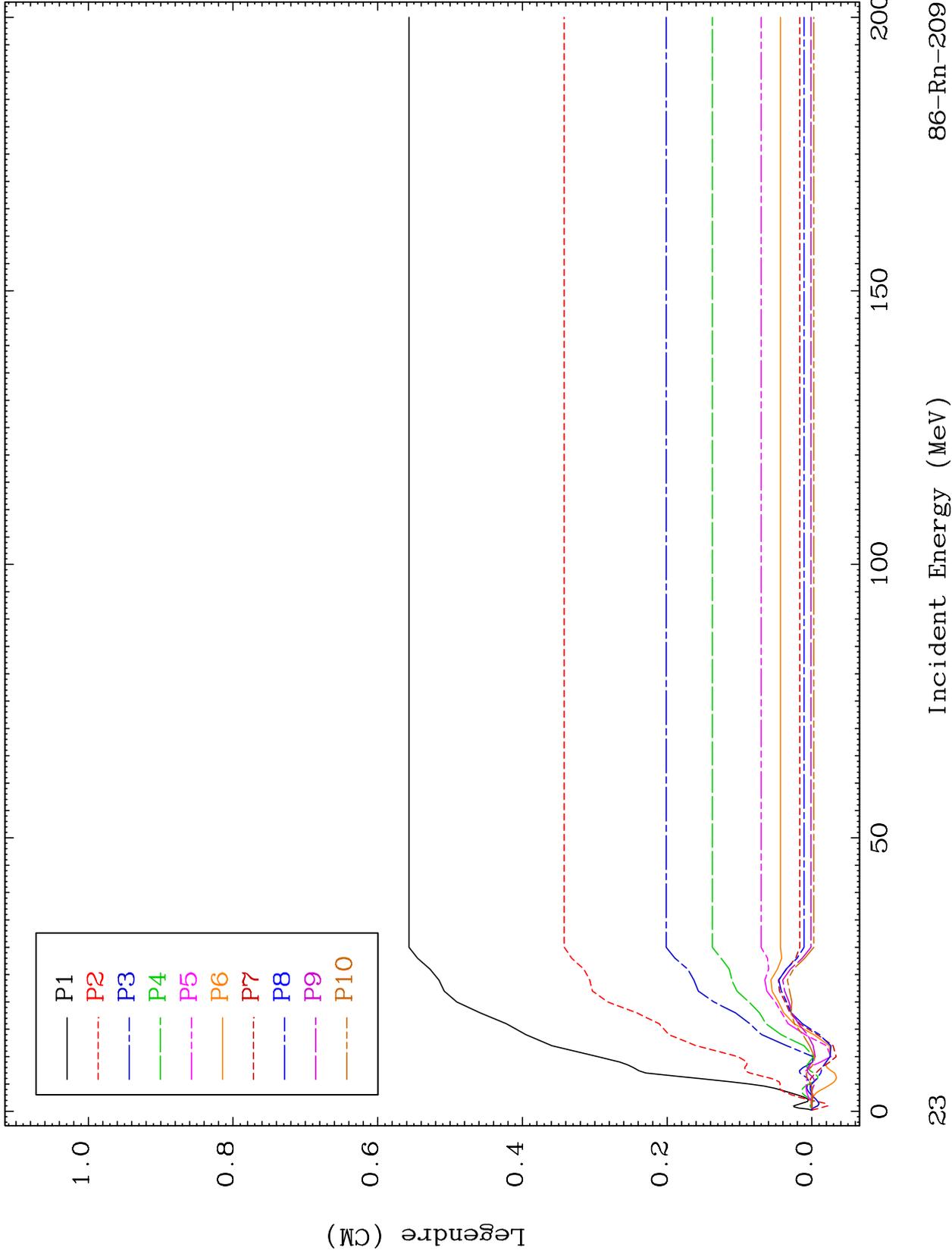
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22

Incident Energy (MeV)

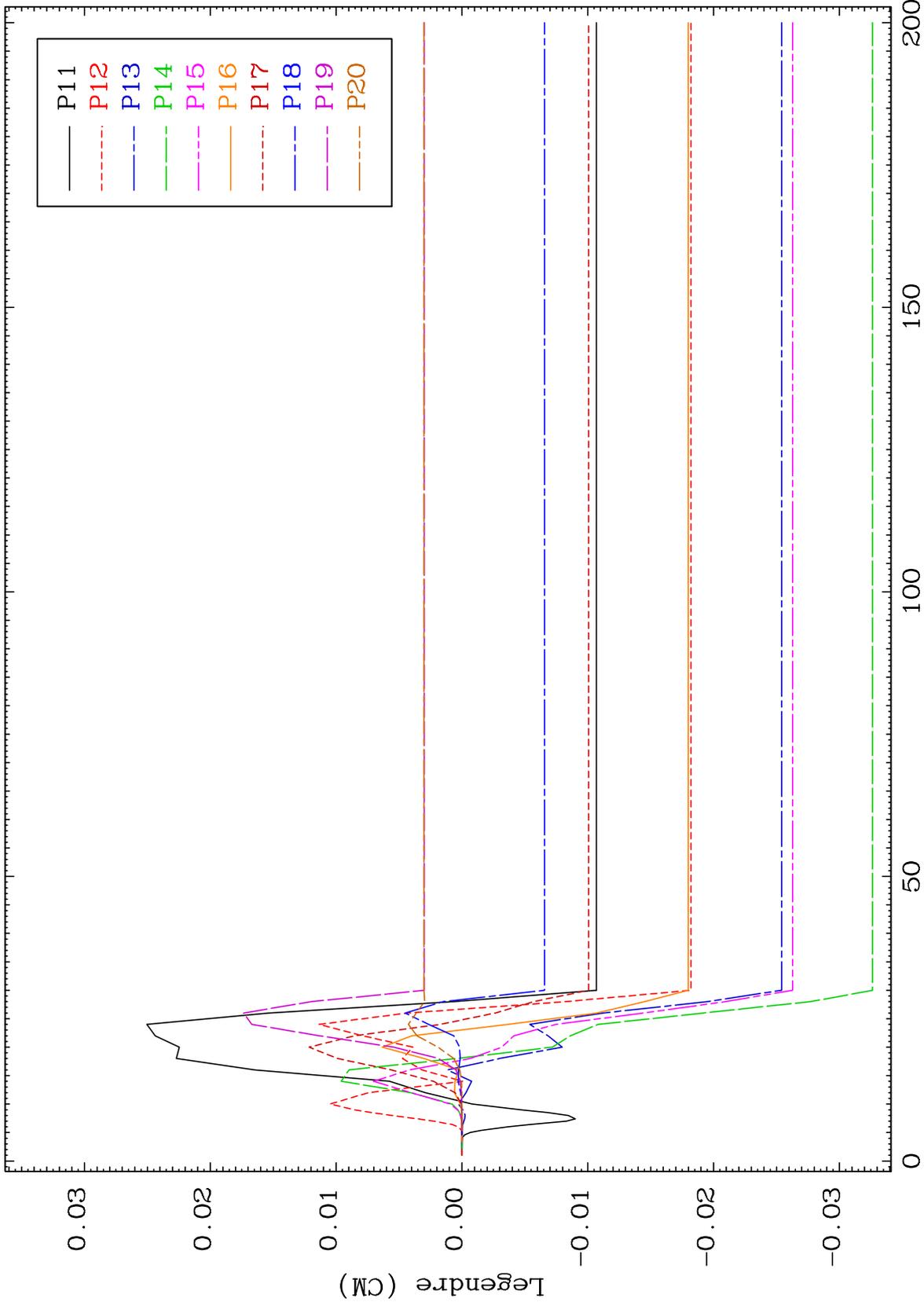
86-Rn-209



MAT 8619

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

86-Rn-209



24

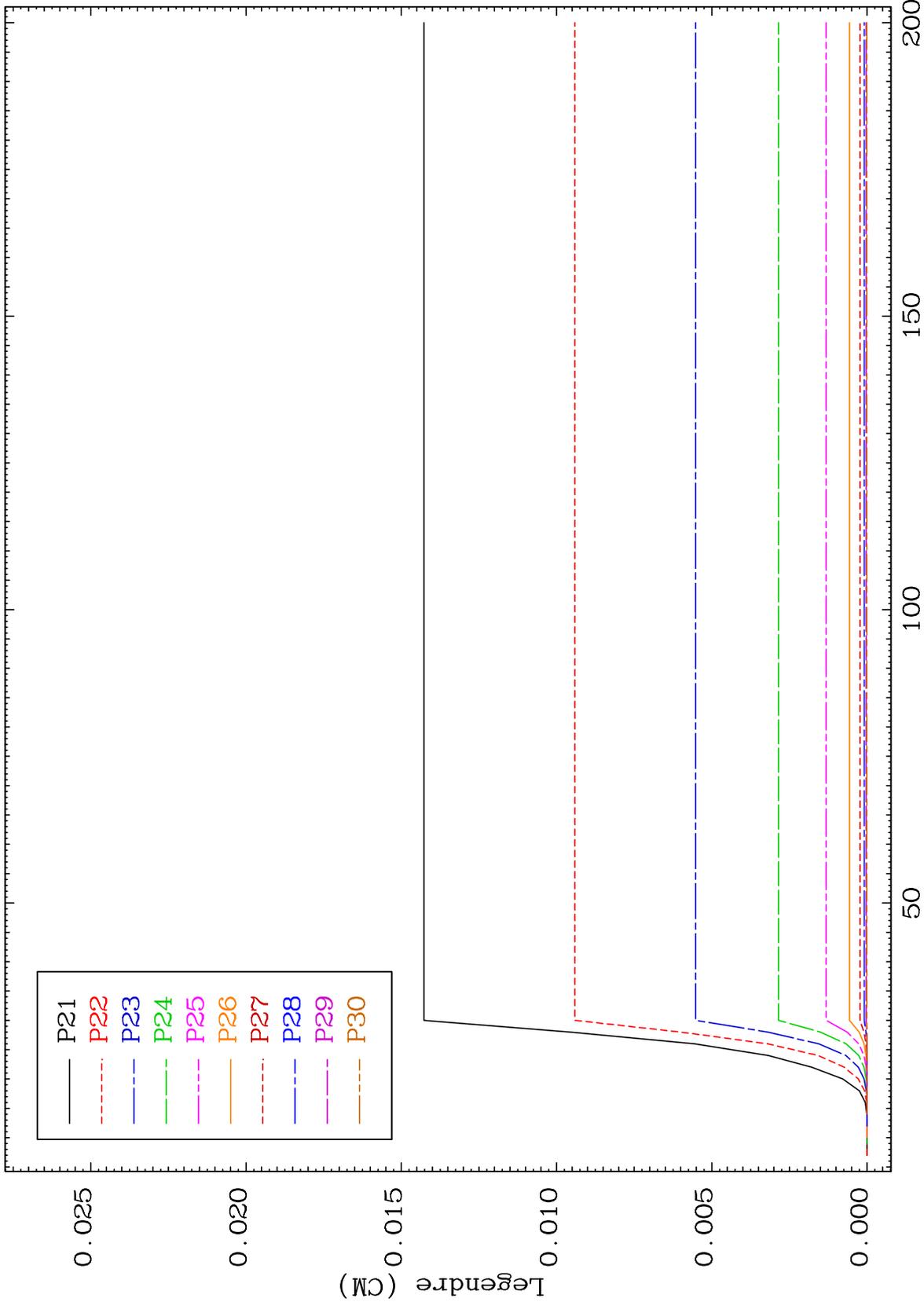
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



25

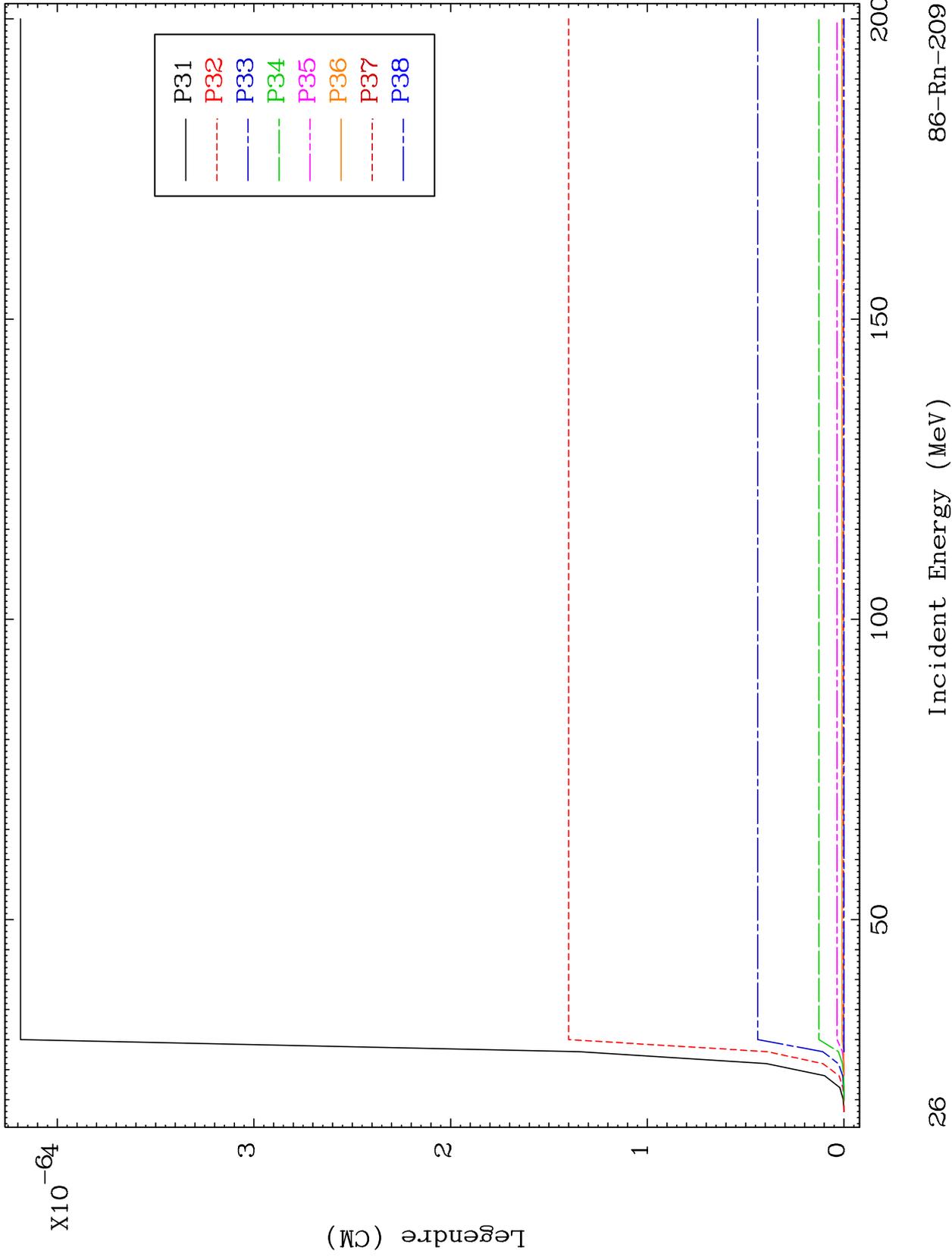
Incident Energy (MeV)

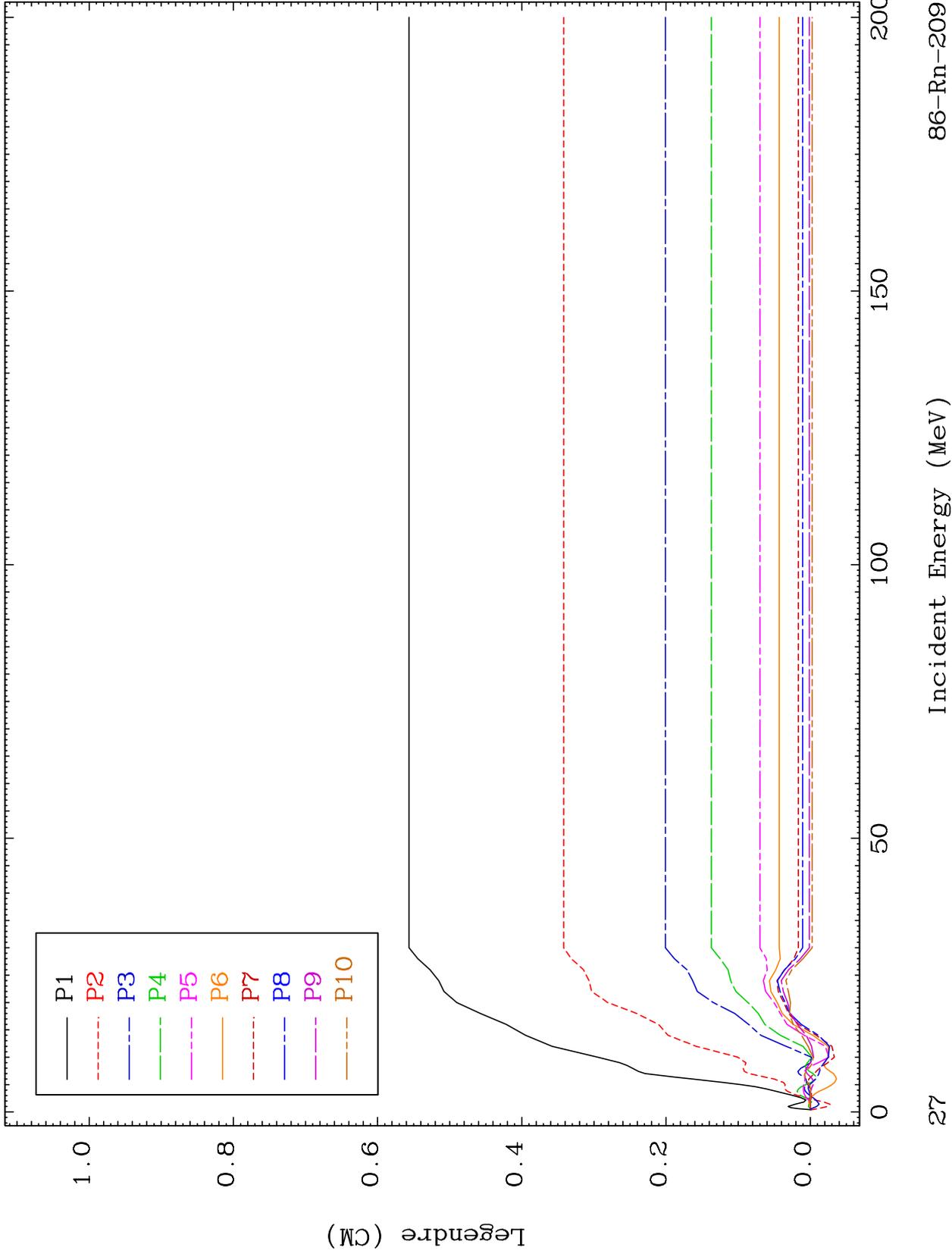
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MAT 8619

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

86-Rn-209

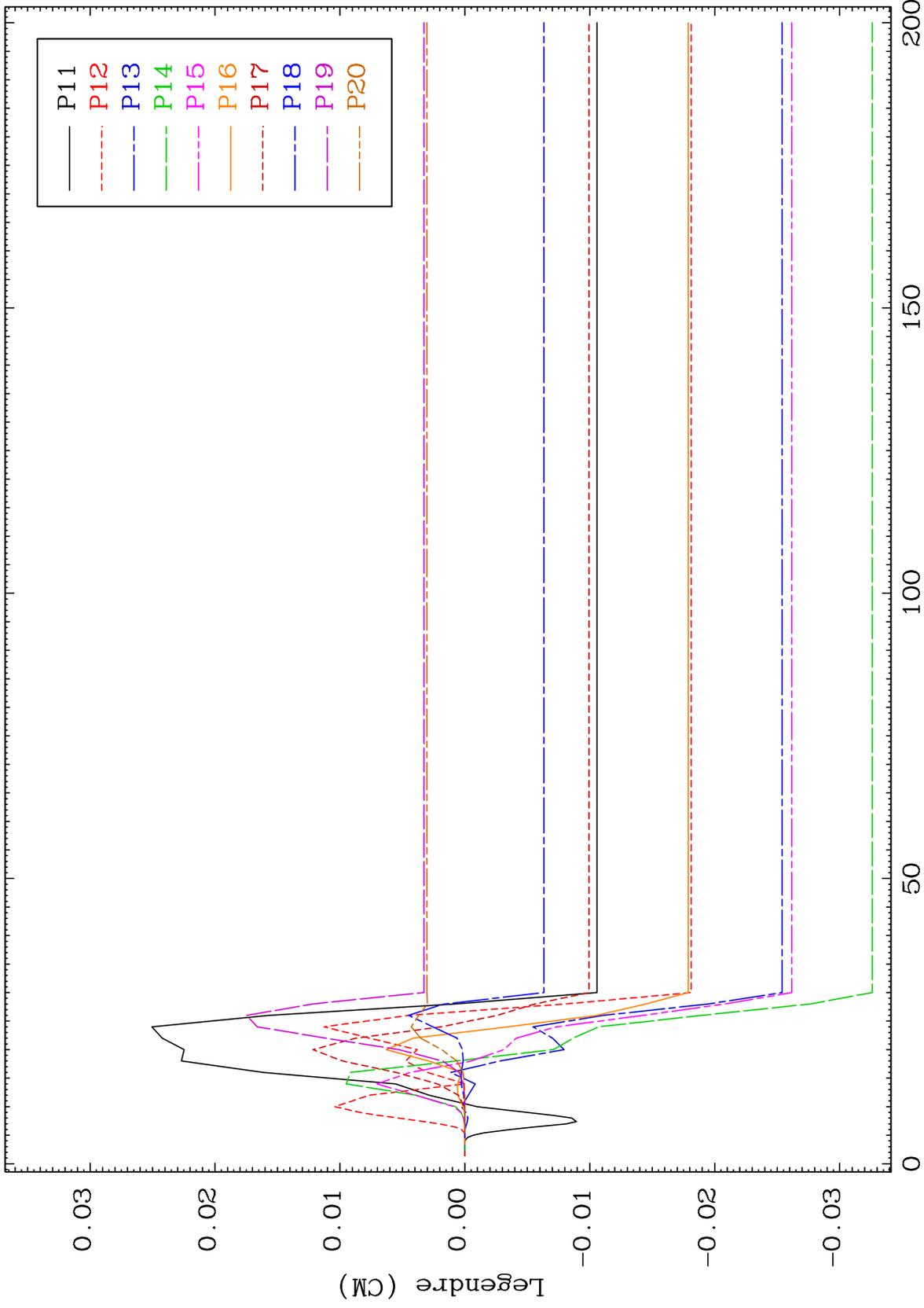




MAT 8619

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

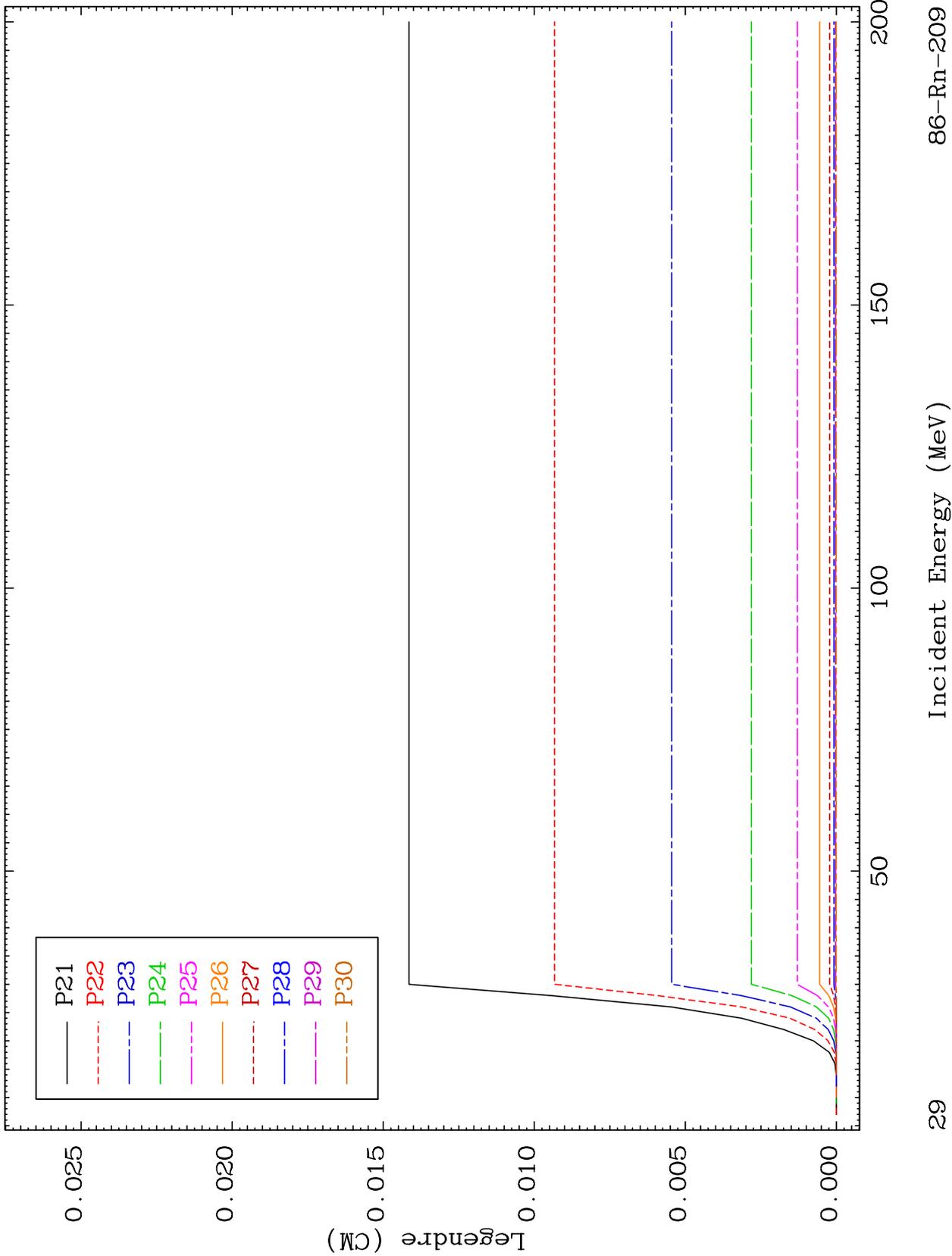
86-Rn-209



28

Incident Energy (MeV)

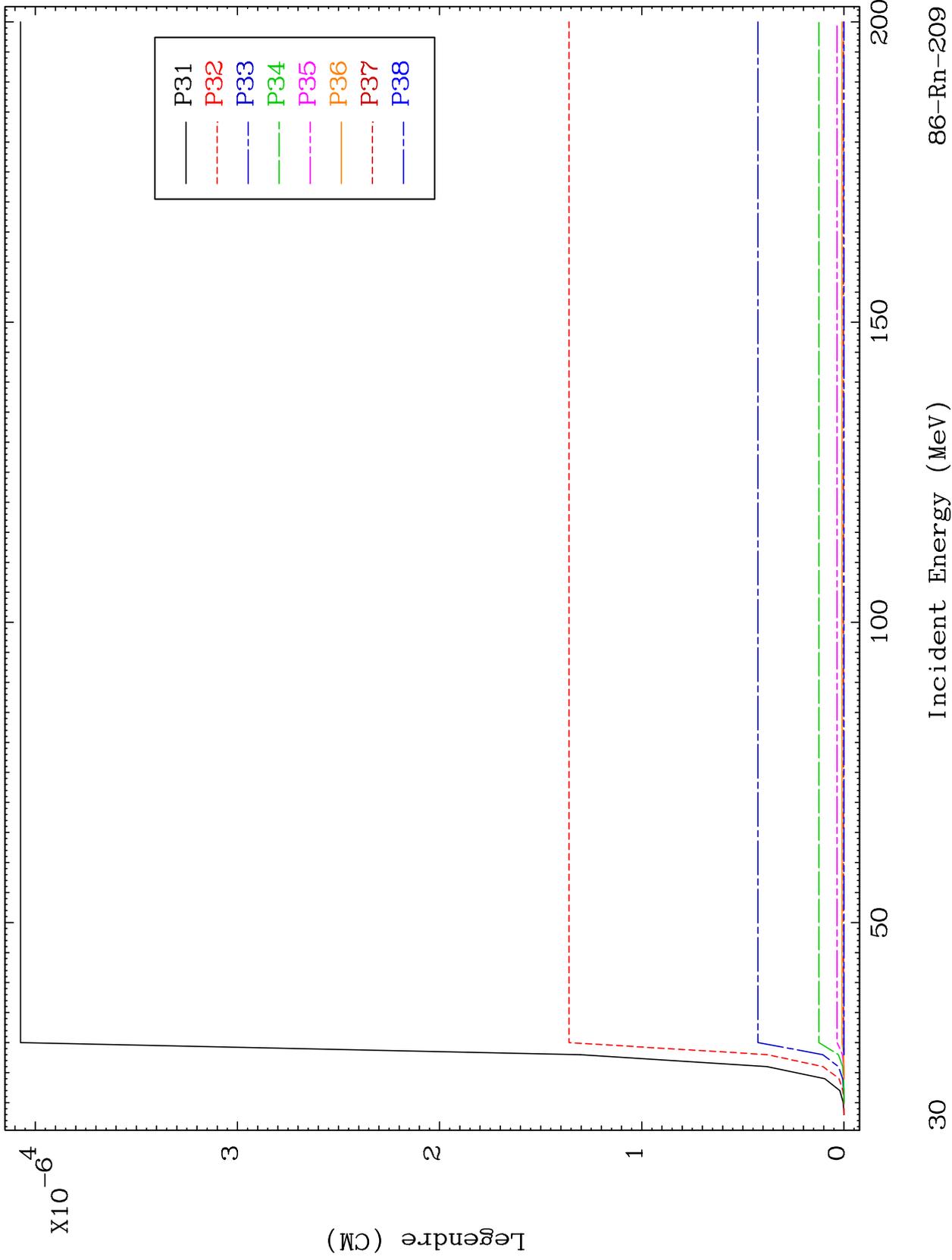
86-Rn-209



MAT 8619

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

86-Rn-209



86-Rn-209

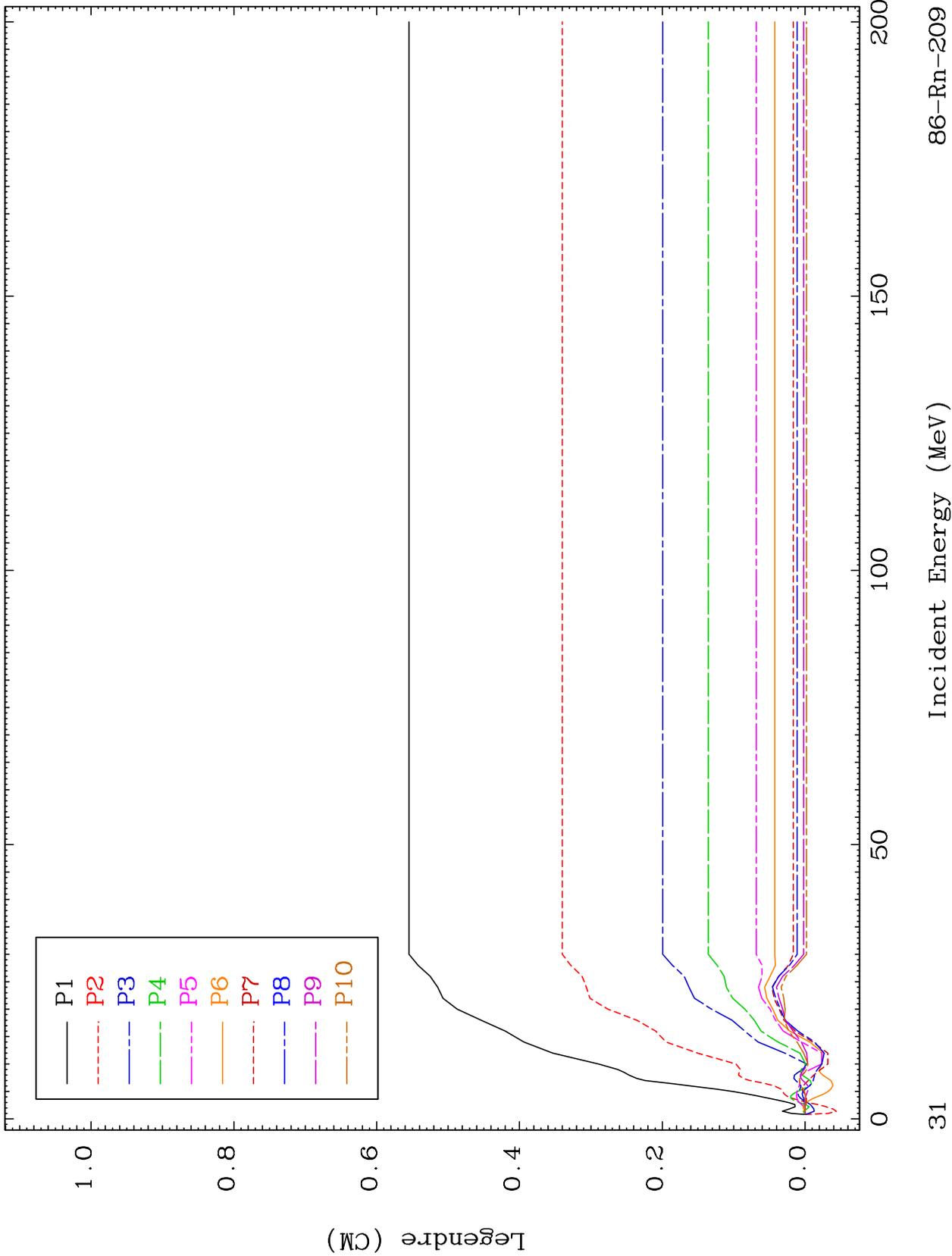
Incident Energy (MeV)

30

MAT 8619

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

86-Rn-209



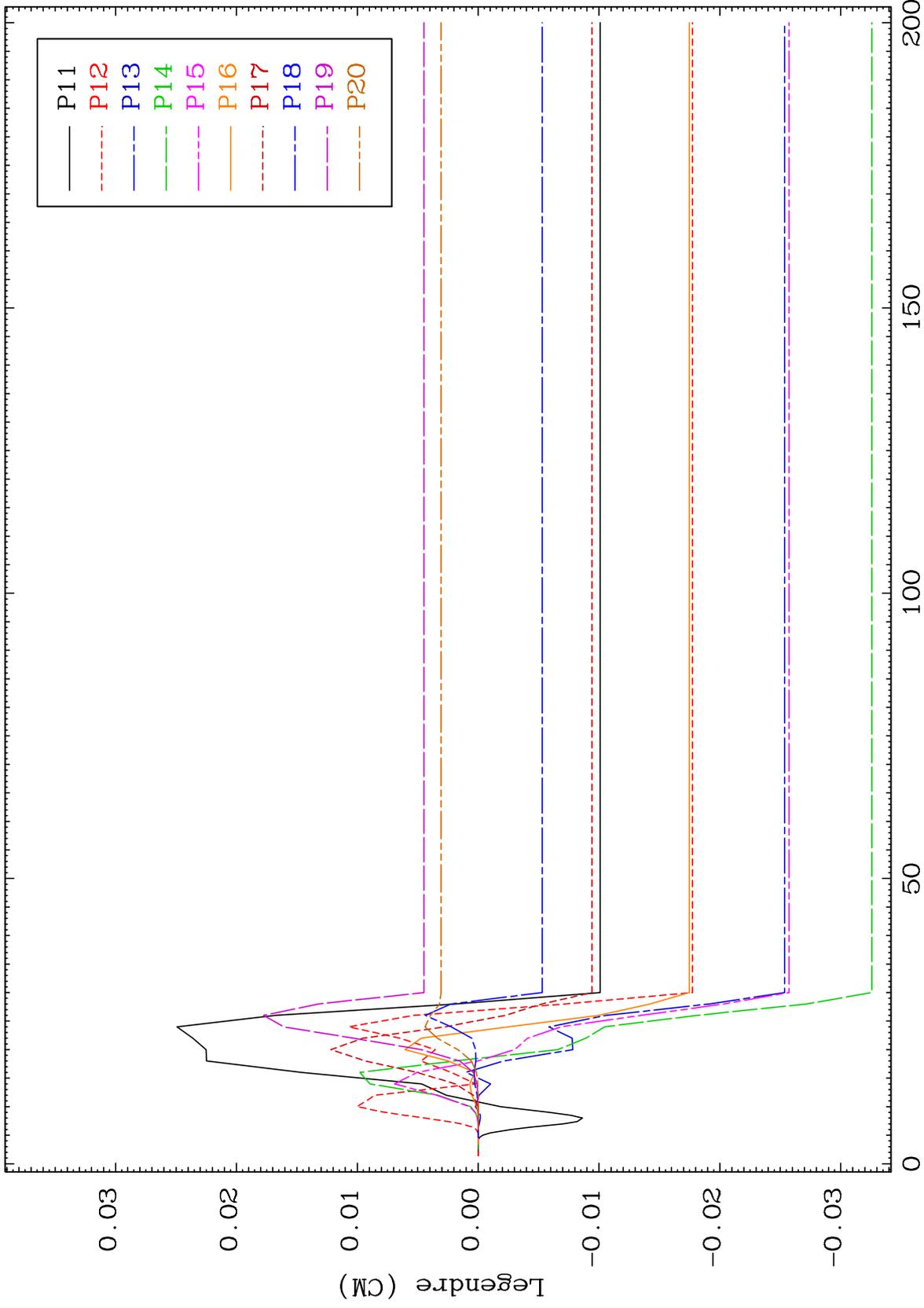
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86-Rn-209

MAT 8619

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

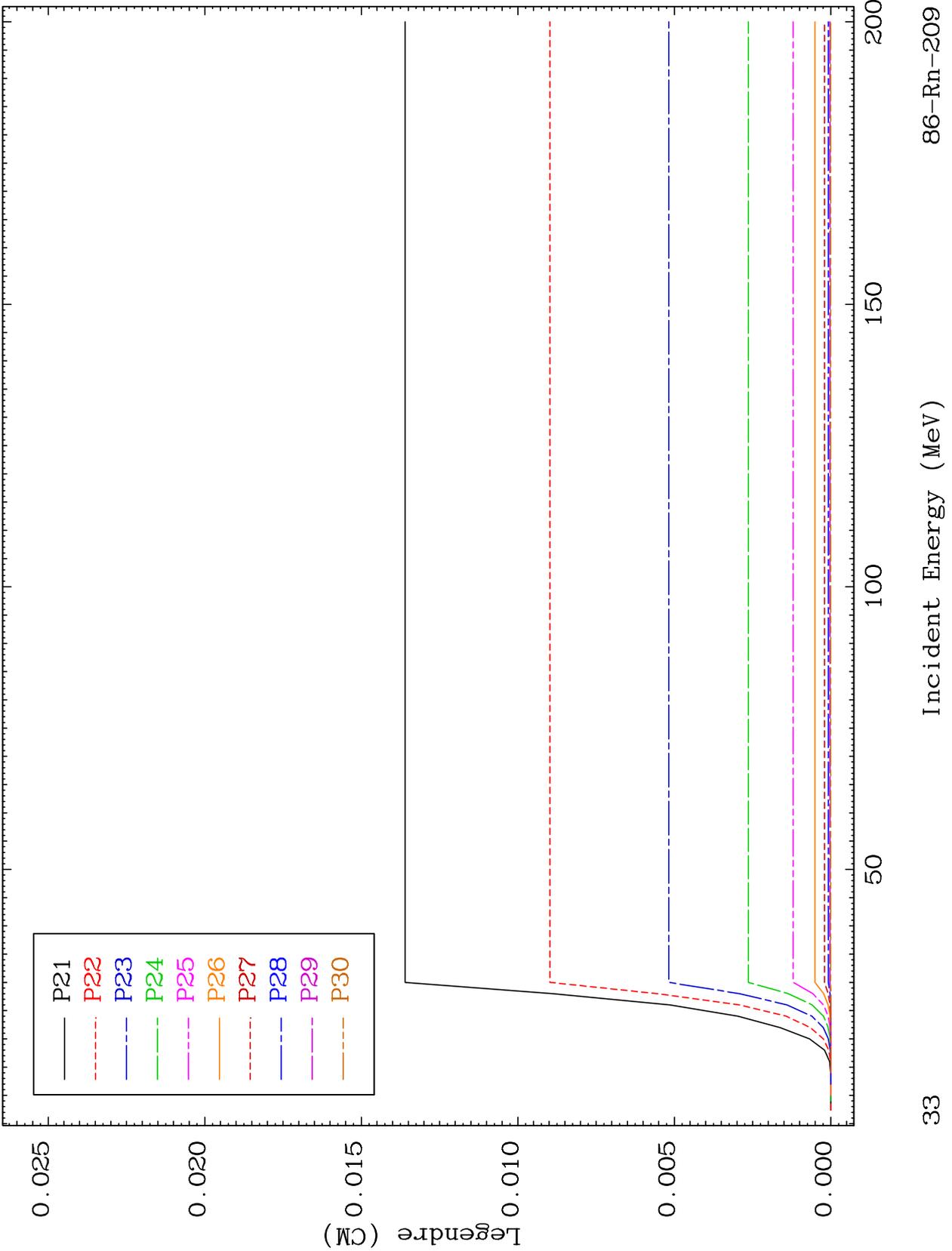
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32

Incident Energy (MeV)

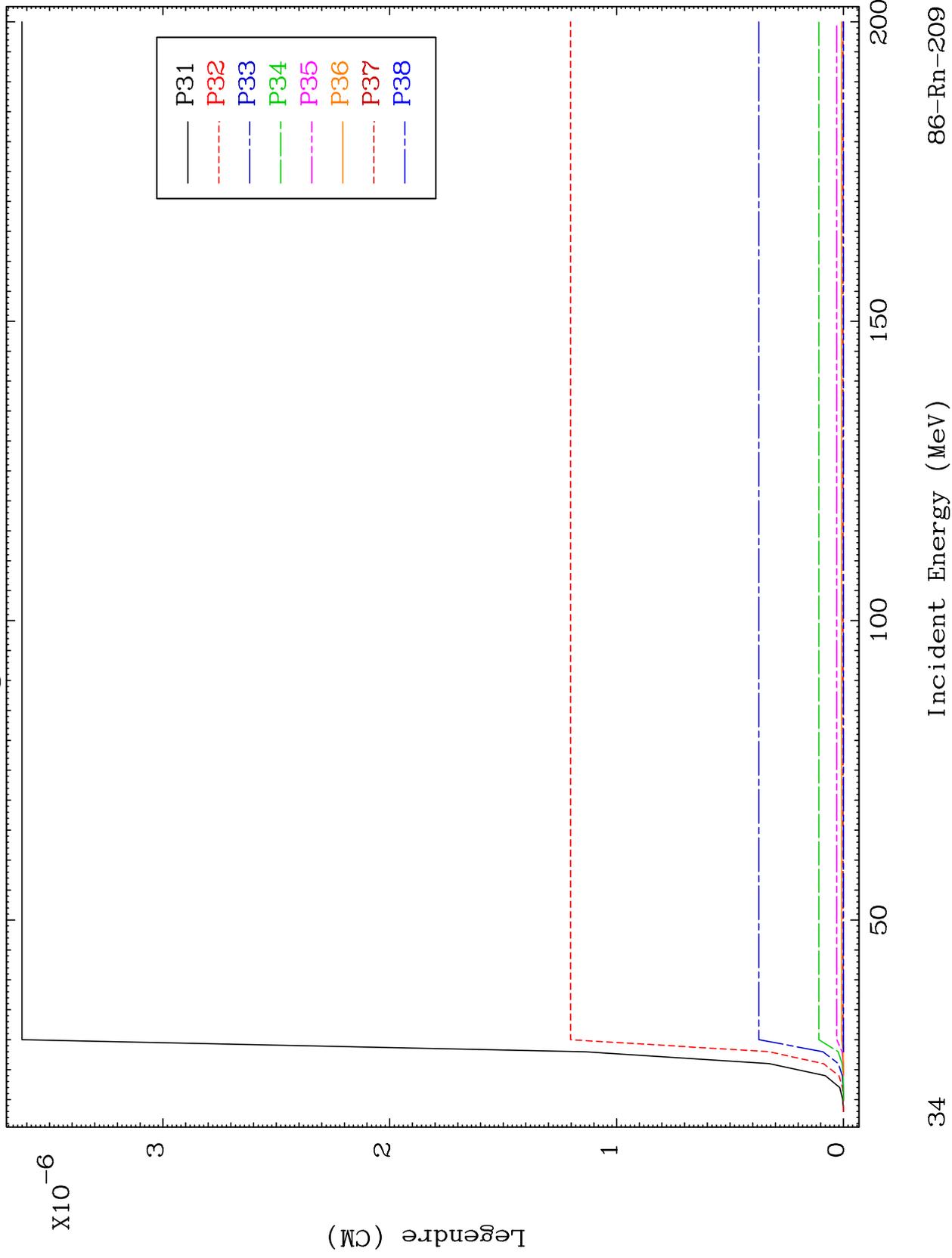
86-Rn-209



MAT 8619

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

86-Rn-209



34

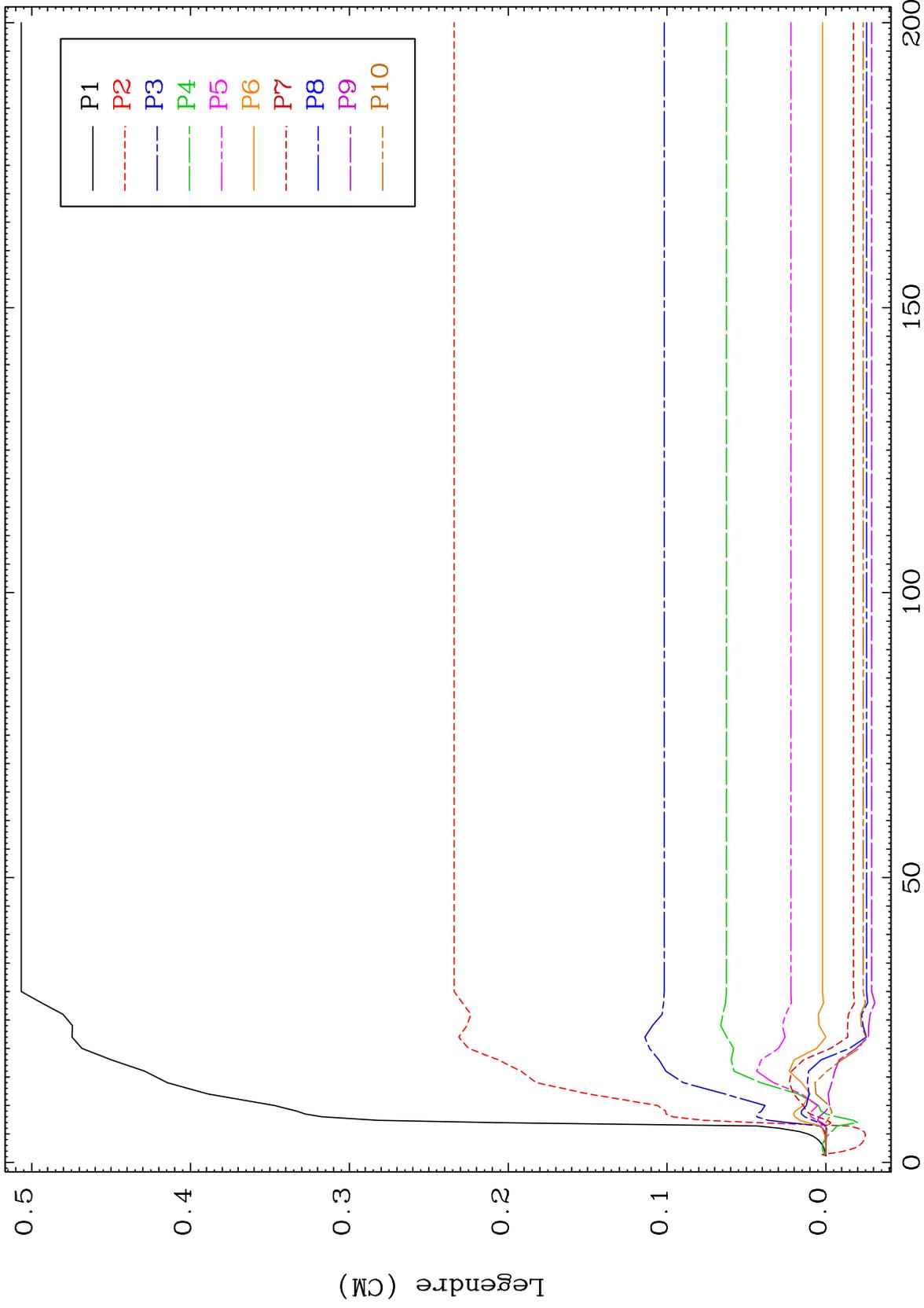
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



86-Rn-209

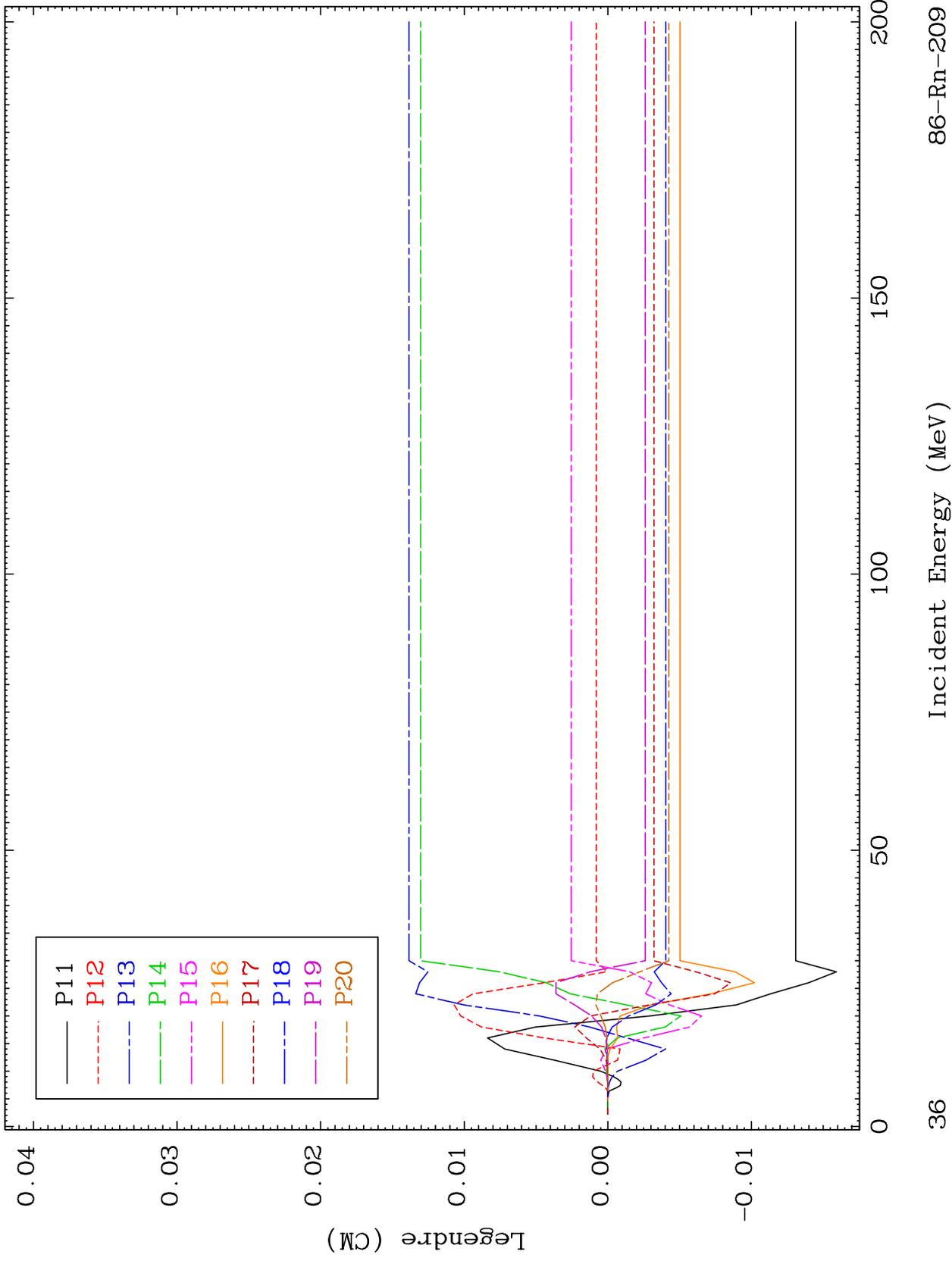
Incident Energy (MeV)

35

MAT 8619

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

86-Rn-209



36

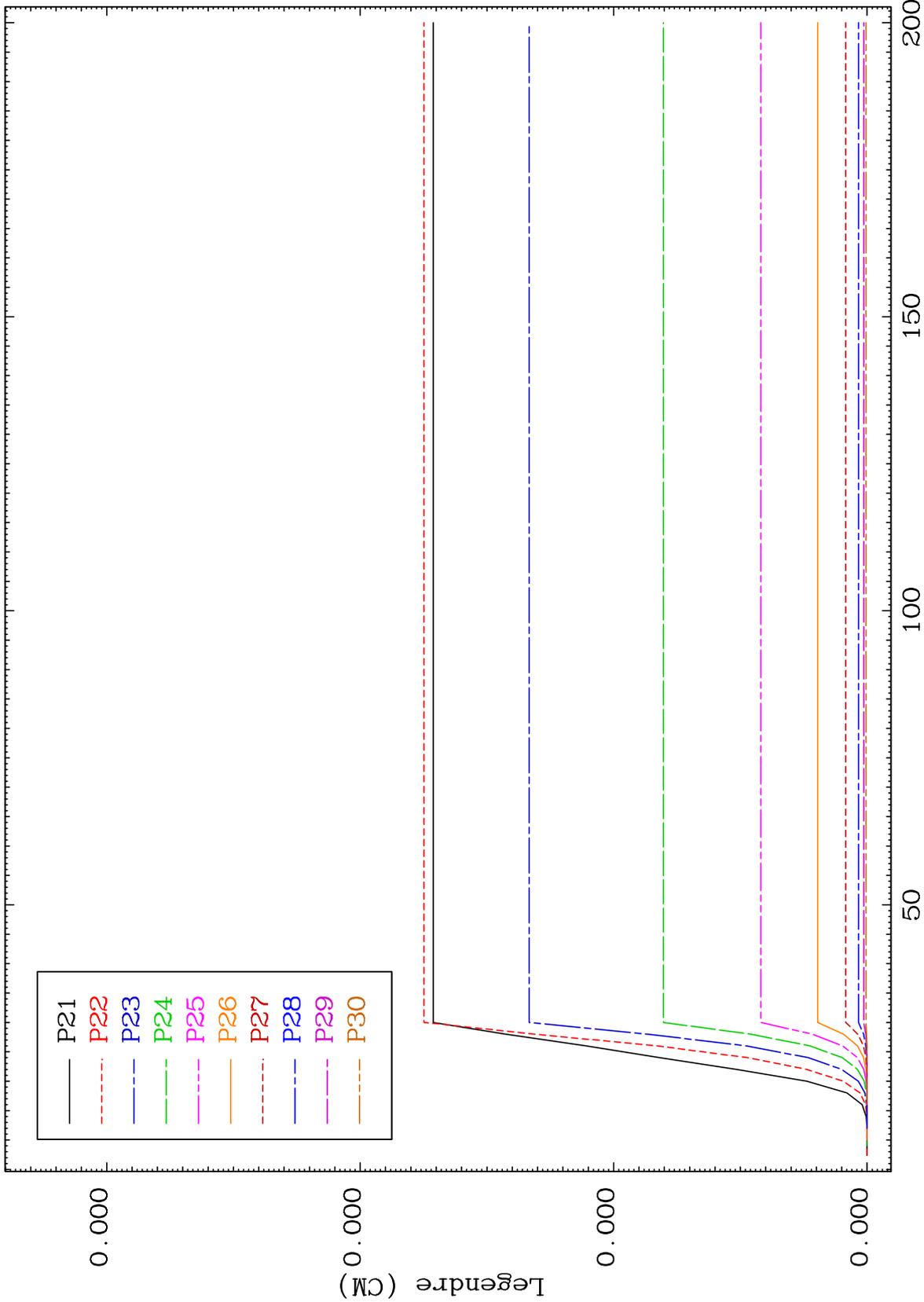
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



37

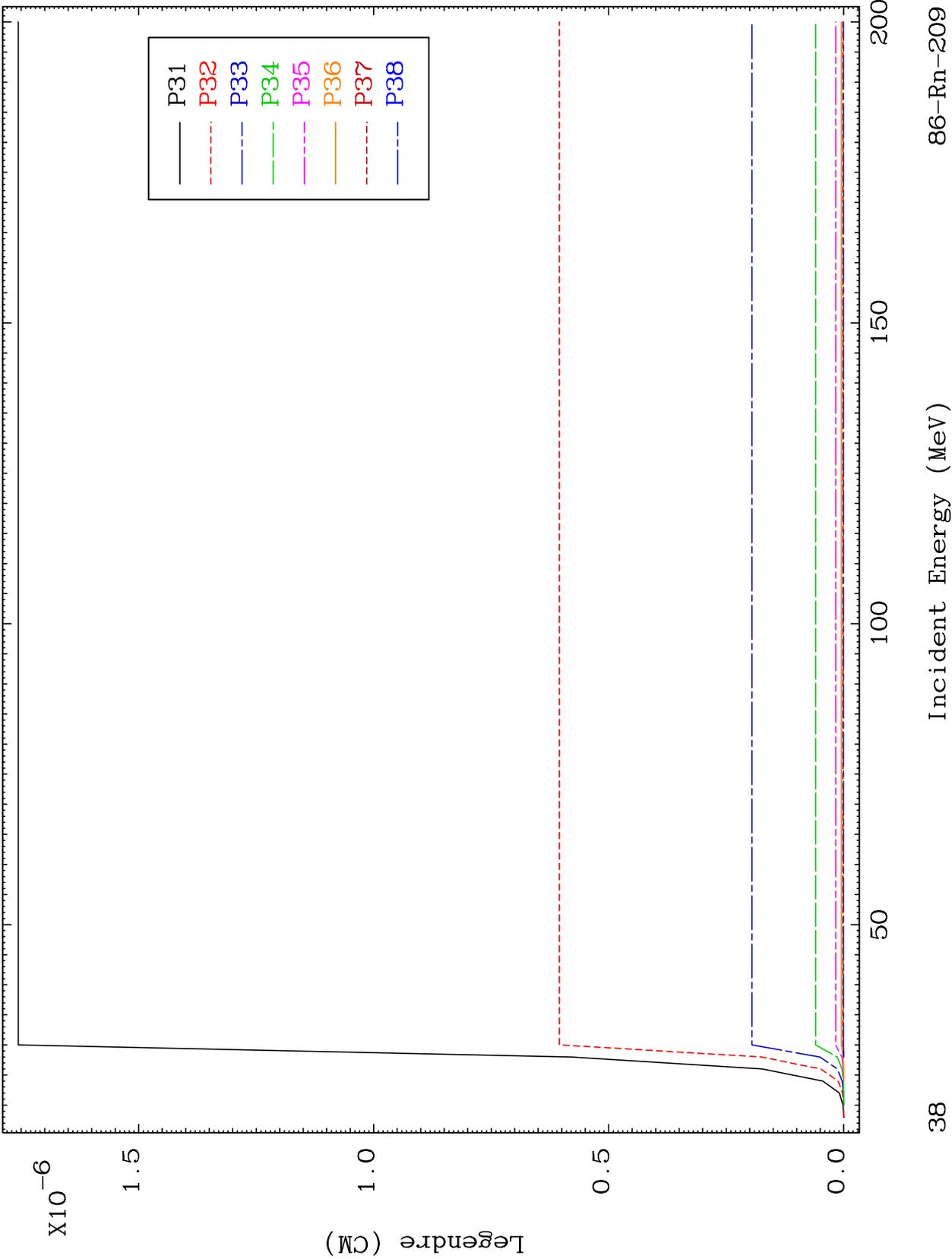
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



38

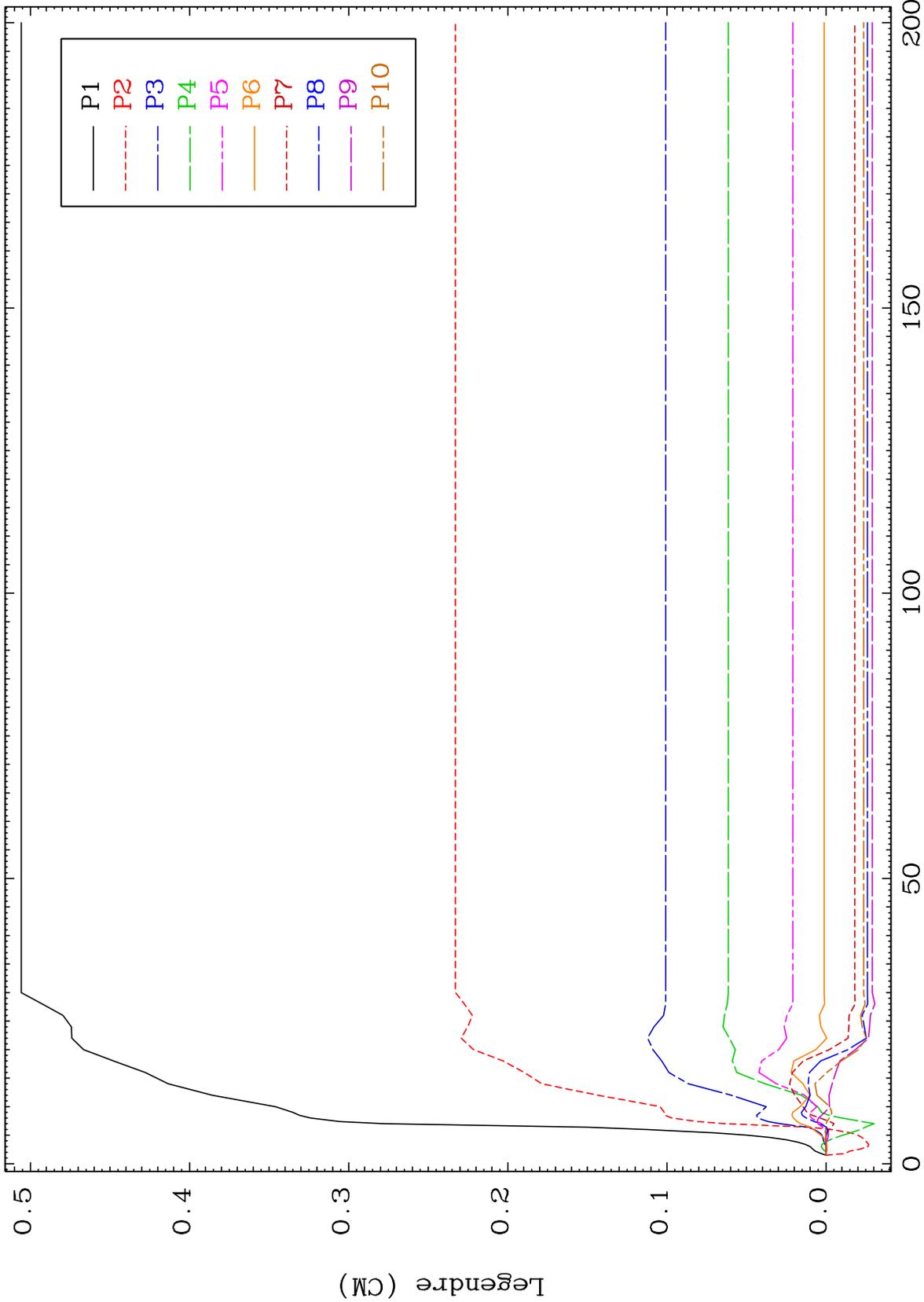
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



86-Rn-209

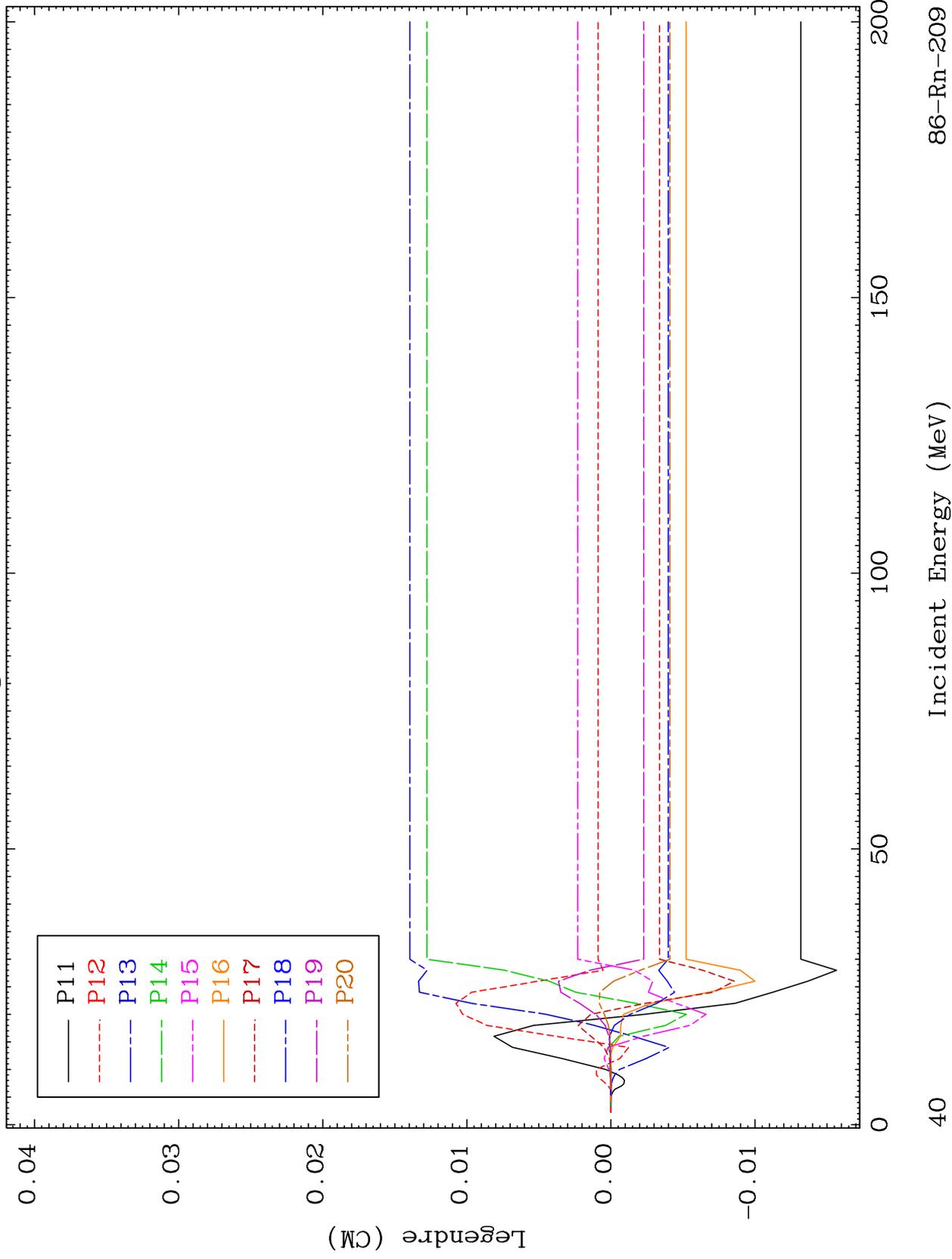
Incident Energy (MeV)

39

MAT 8619

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

86-Rn-209



86-Rn-209

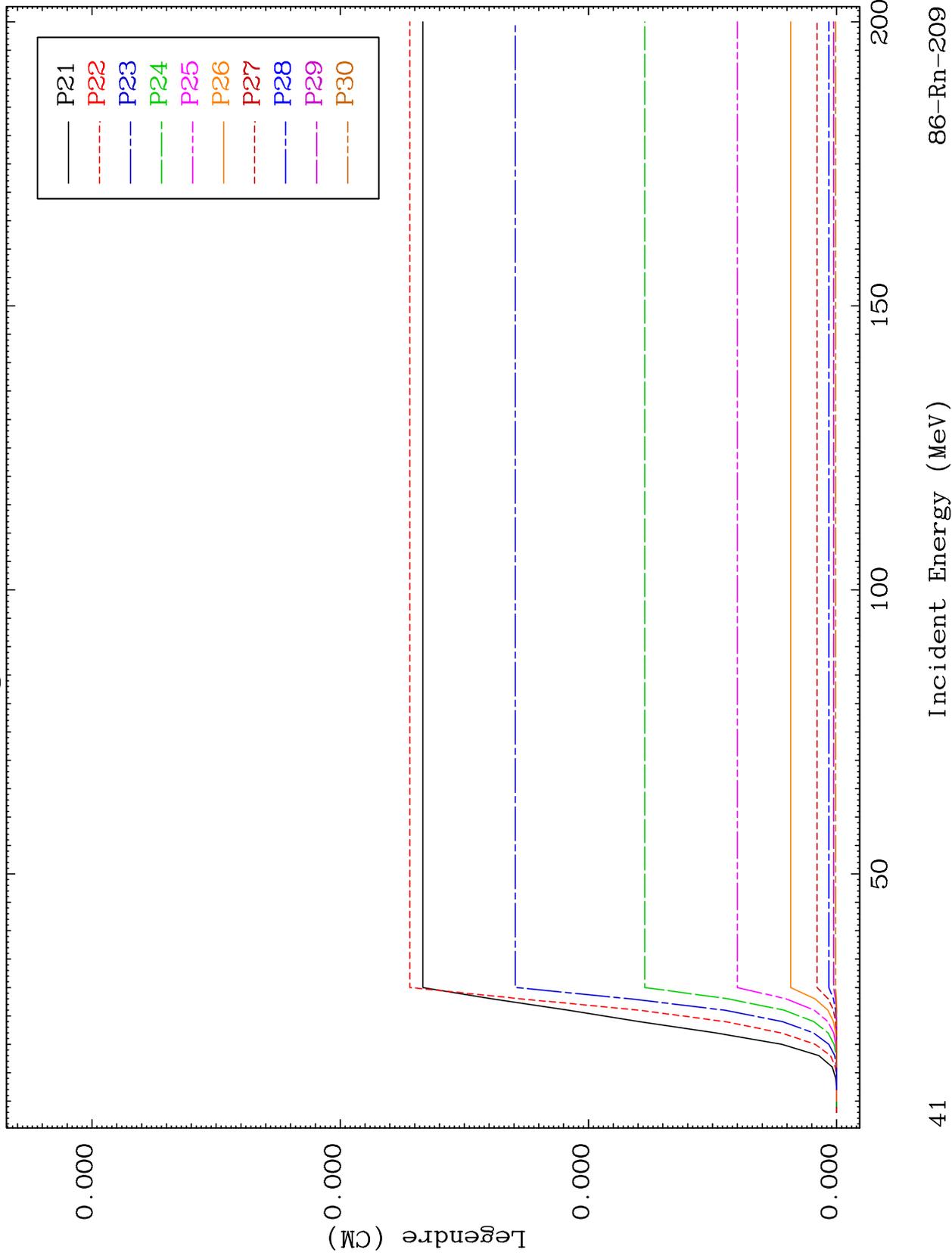
Incident Energy (MeV)

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MAT 8619

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

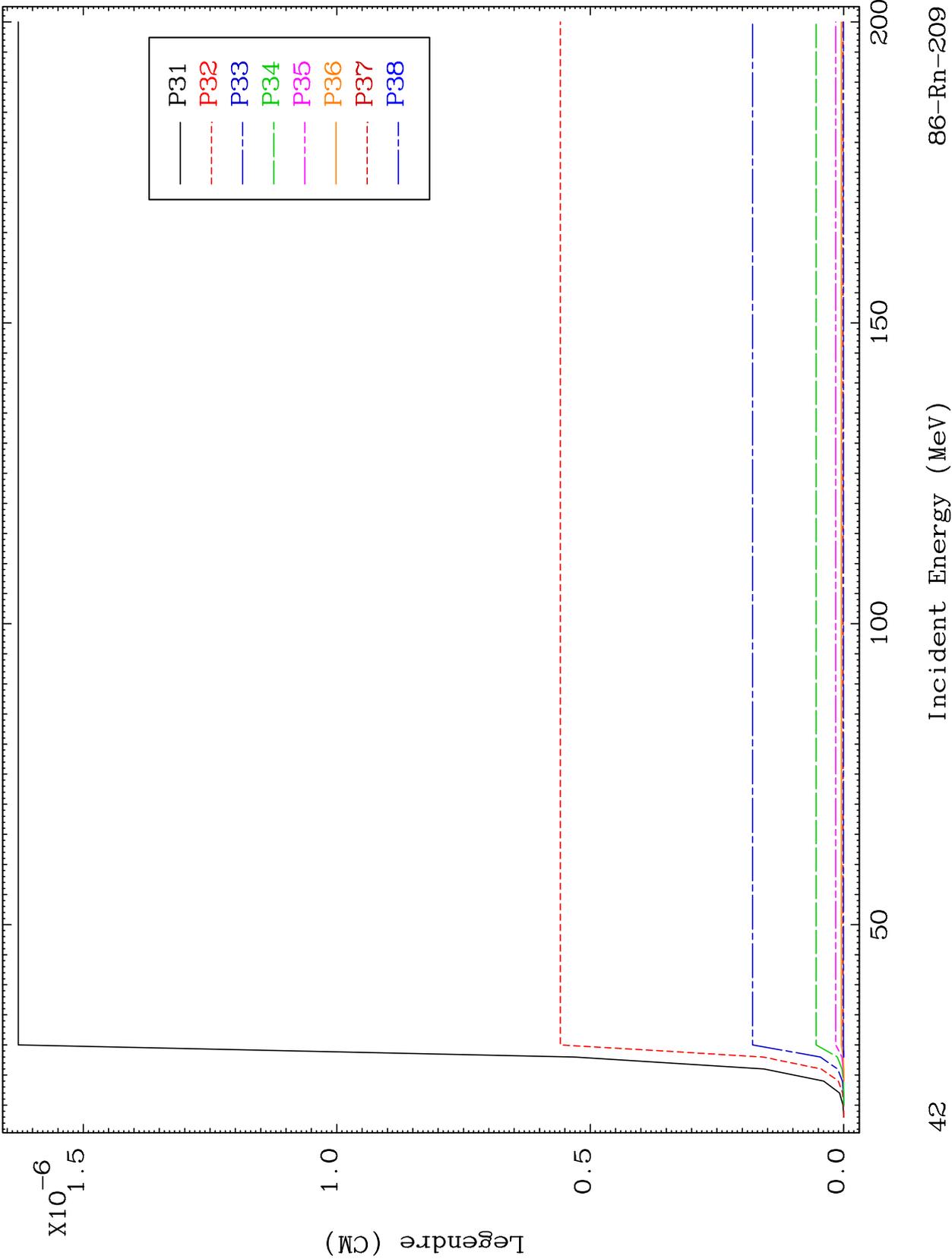
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MAT 8619

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

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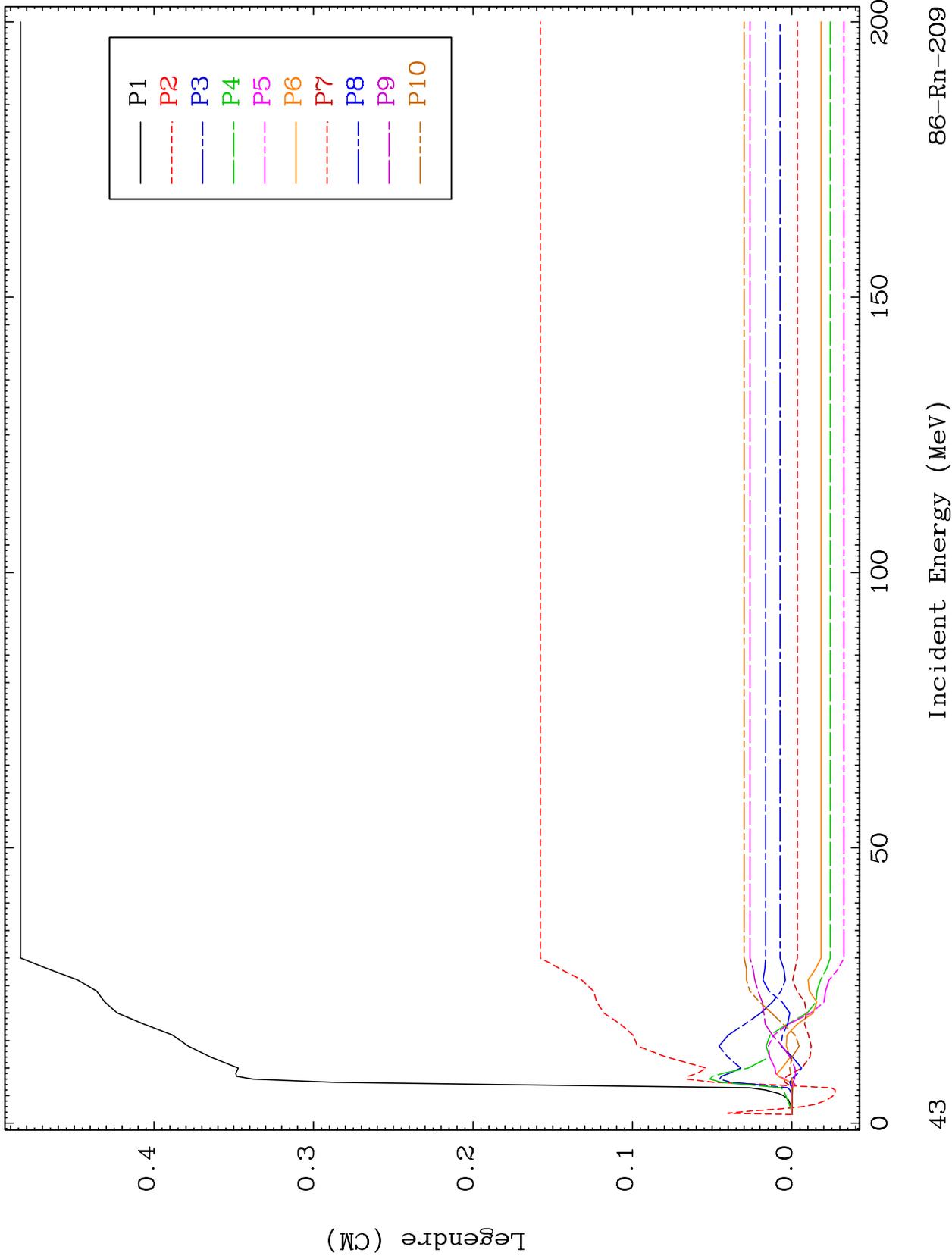


42

MAT 8619

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

86-Rn-209



86-Rn-209

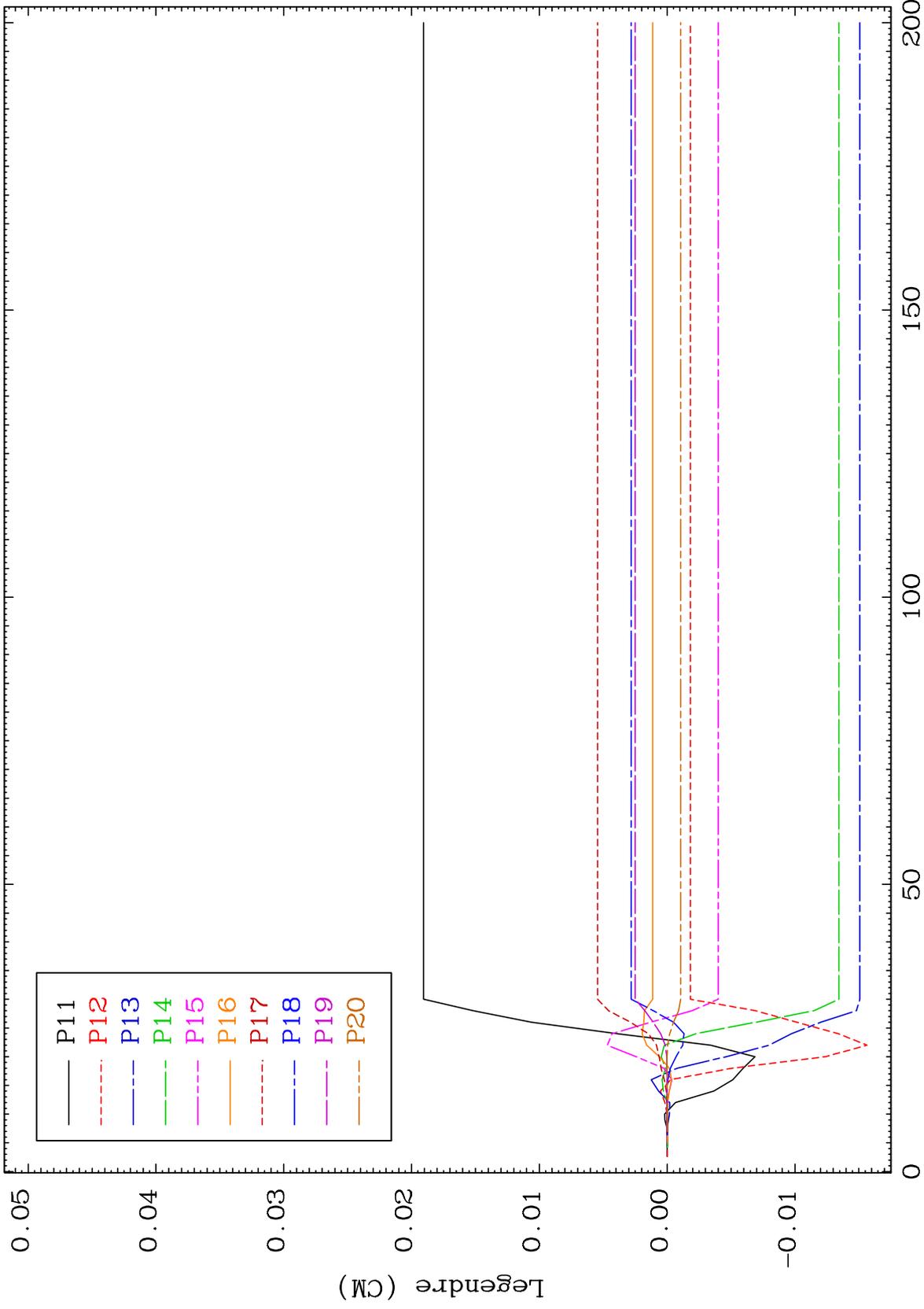
Incident Energy (MeV)

43

MAT 8619

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

86-Rn-209



44

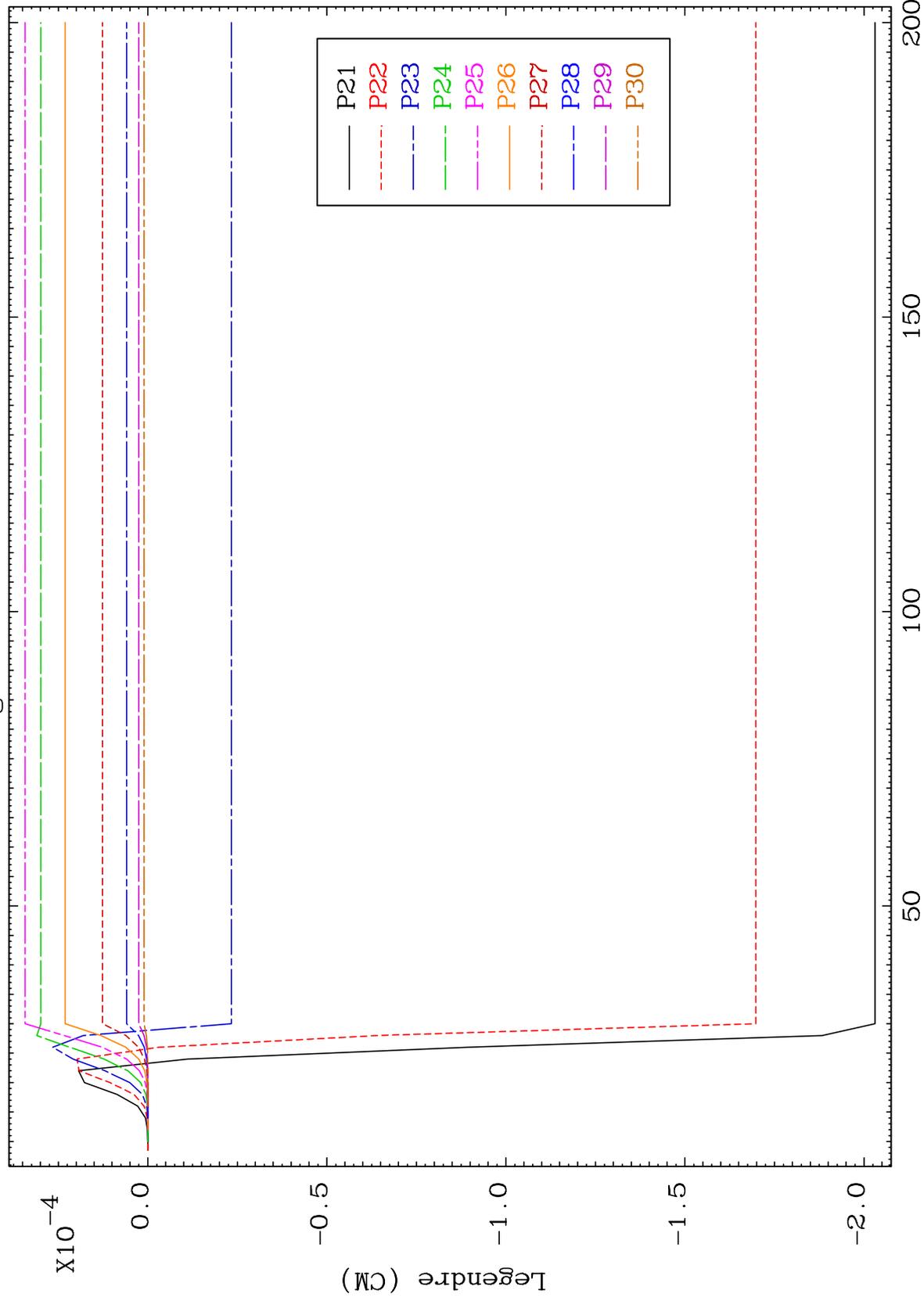
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



45

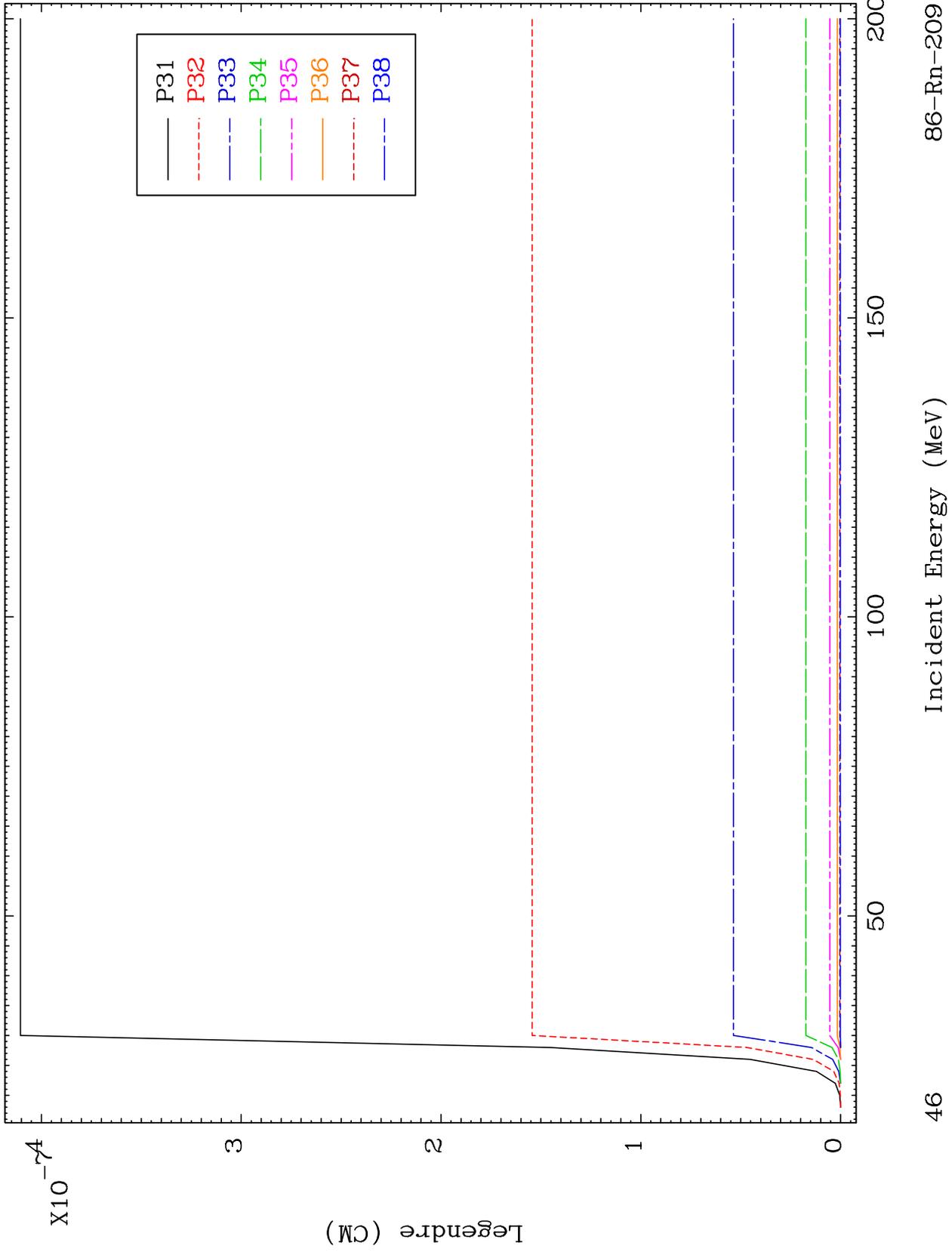
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

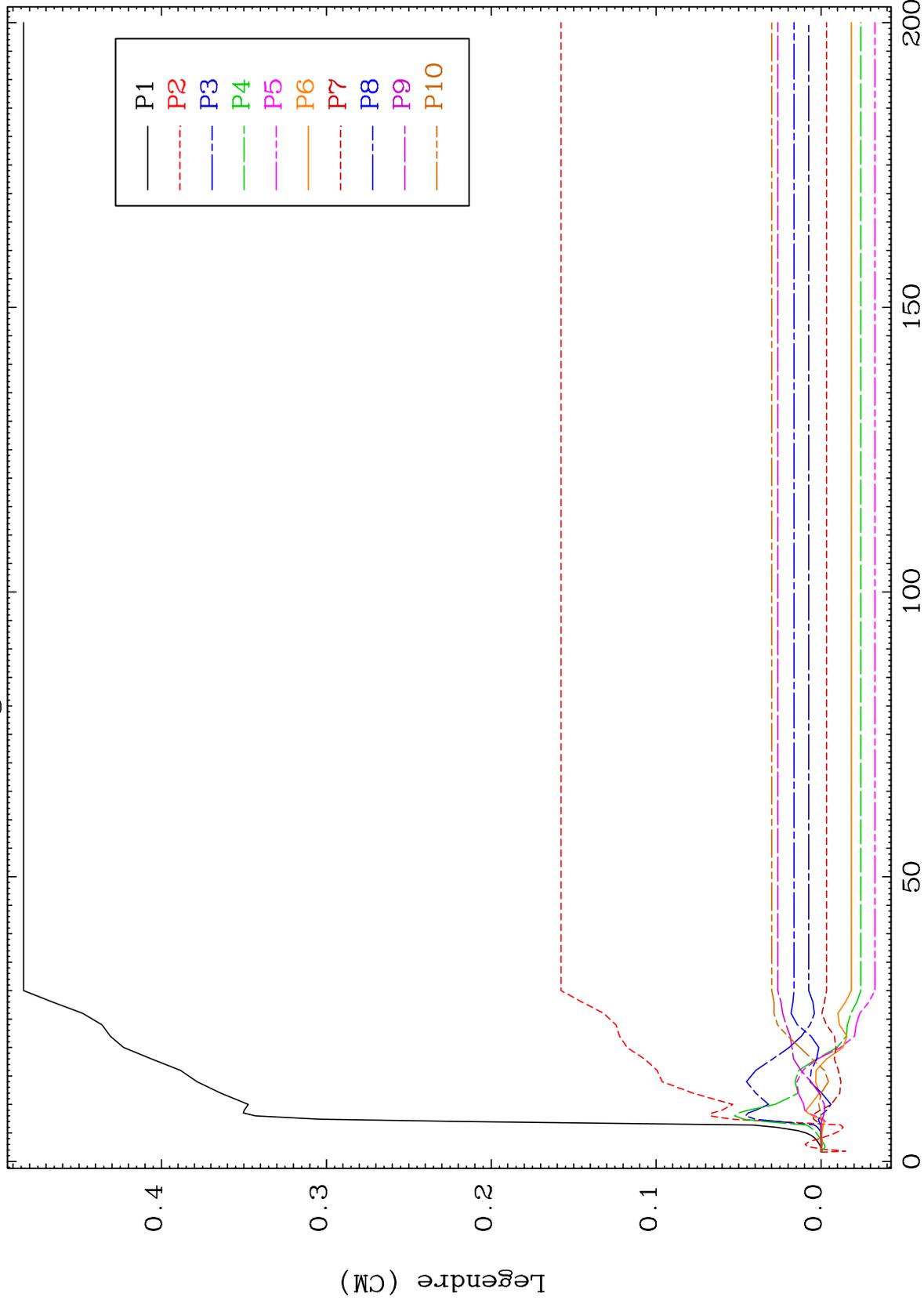
86-Rn-209



MAT 8619

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

86-Rn-209



47

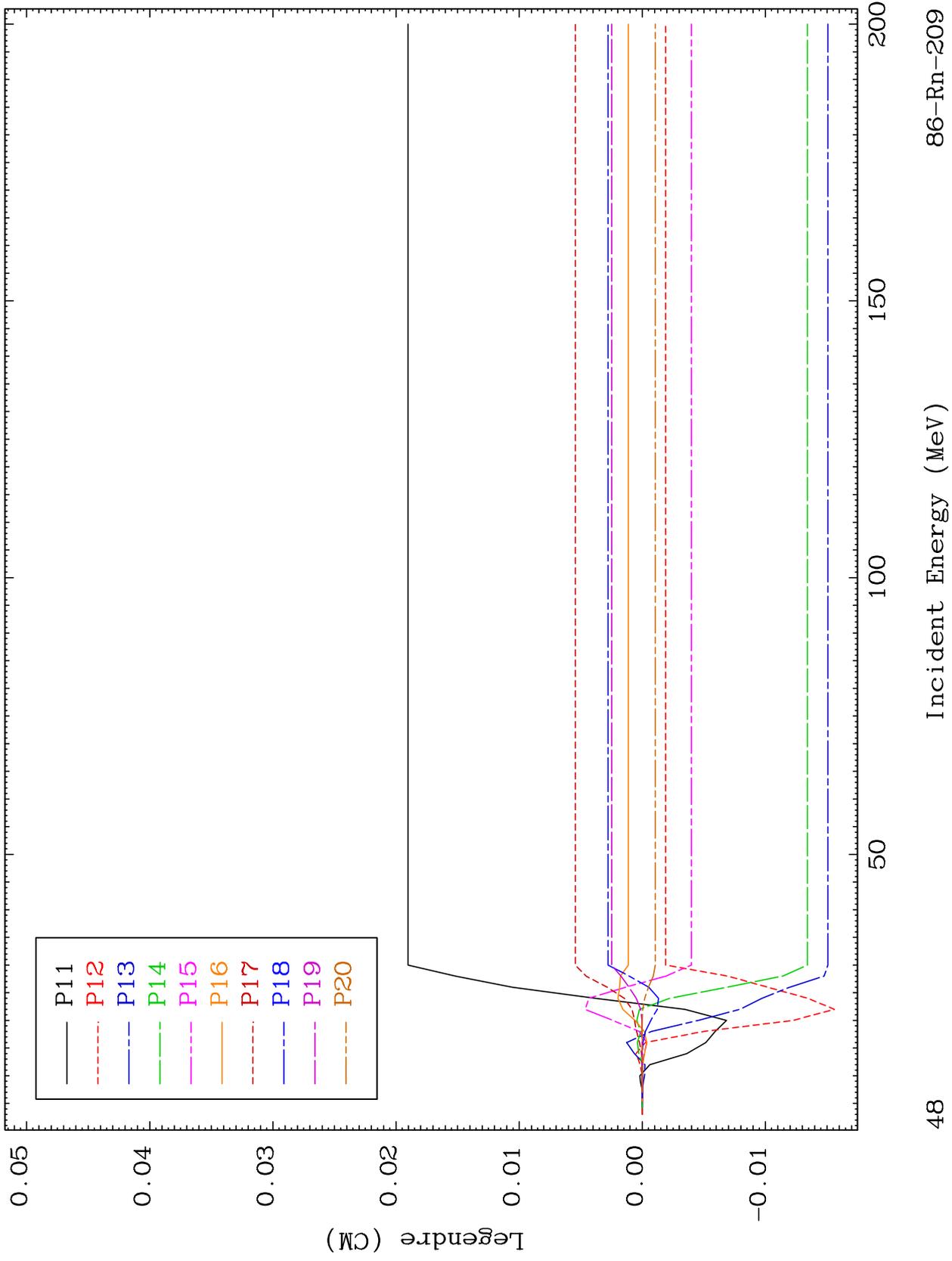
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



48

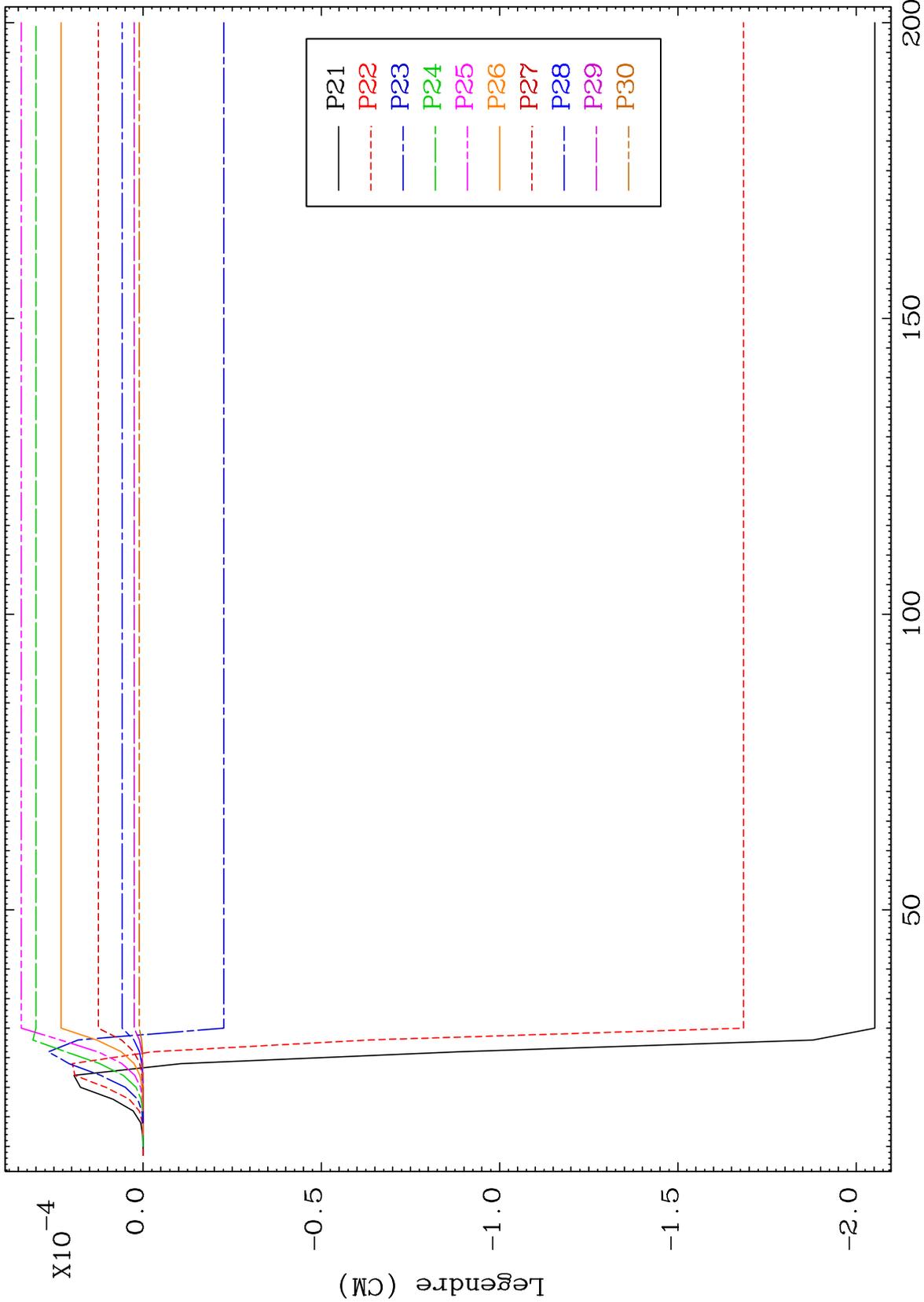
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



49

Incident Energy (MeV)

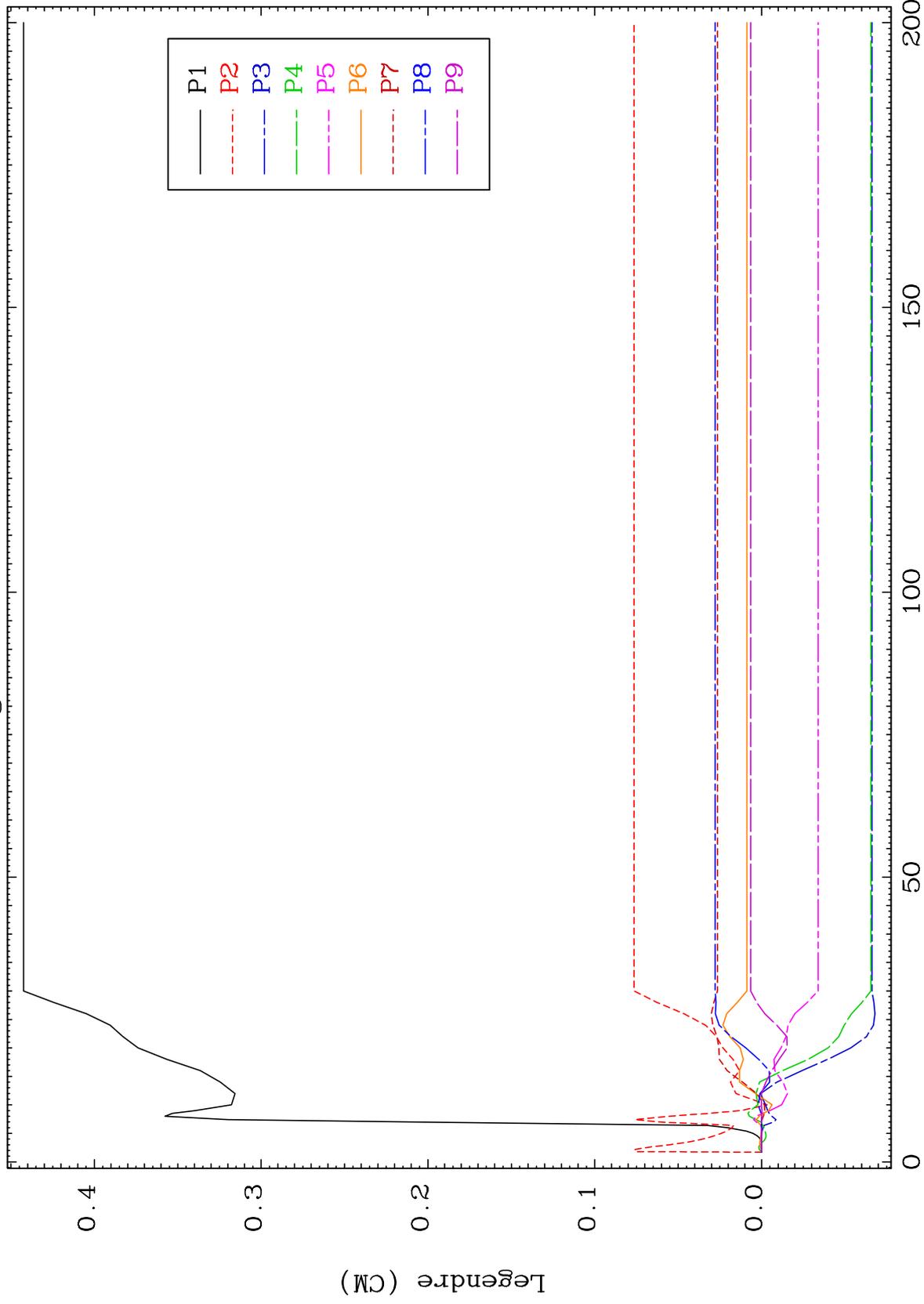
86-Rn-209



MAT 8619

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

86-Rn-209



86-Rn-209

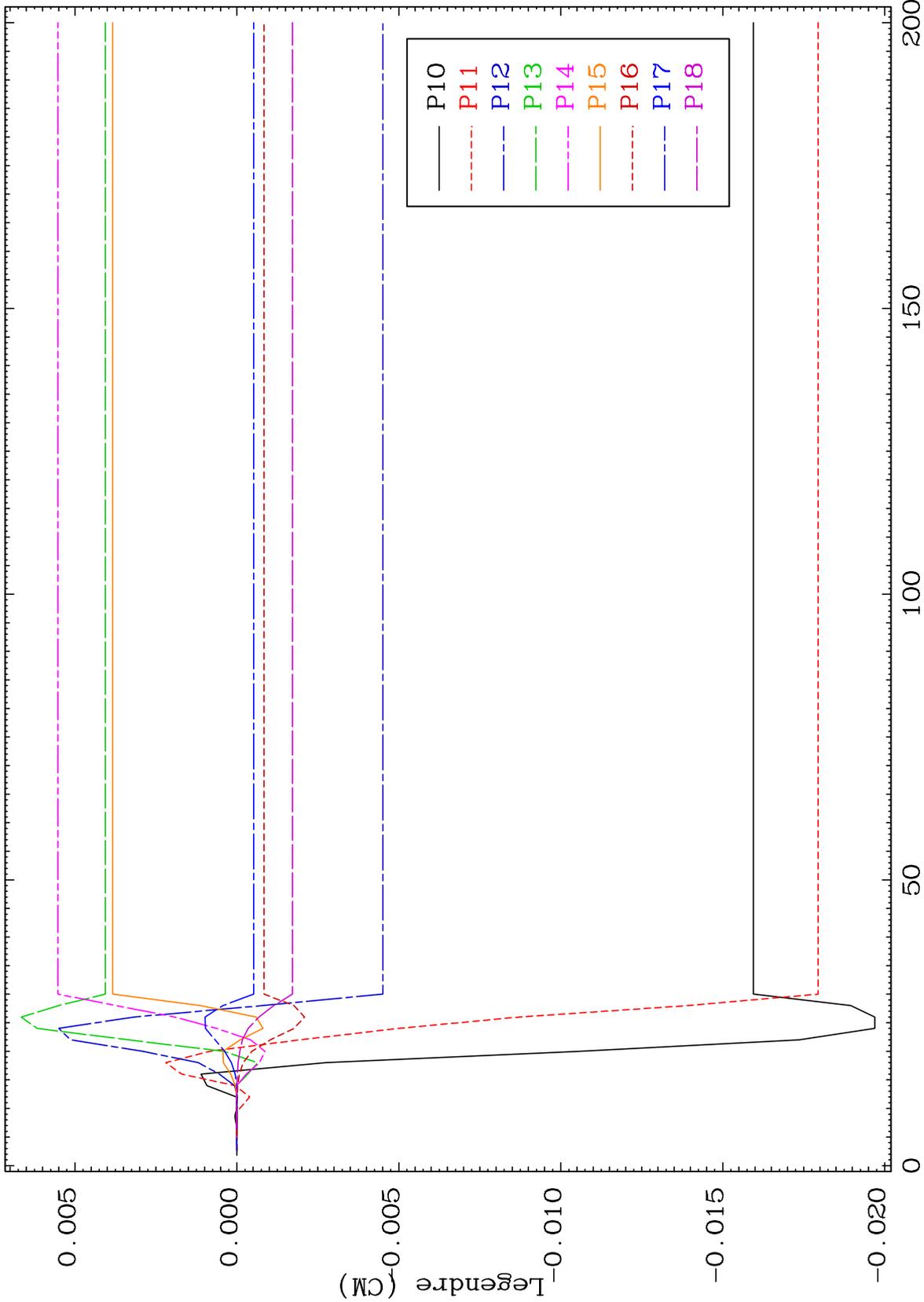
Incident Energy (MeV)

51

MAT 8619

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

86-Rn-209



52

Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



53

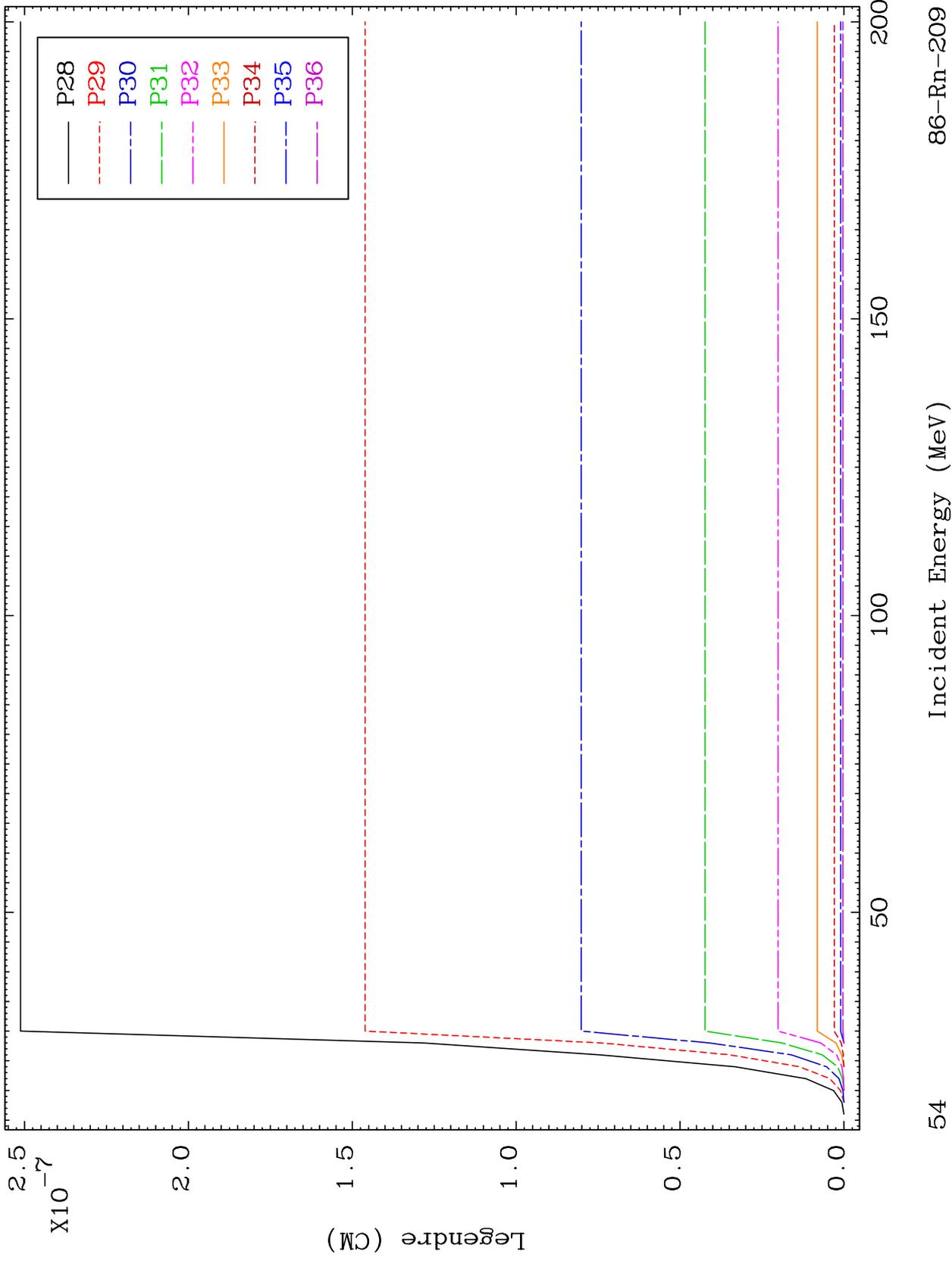
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



54

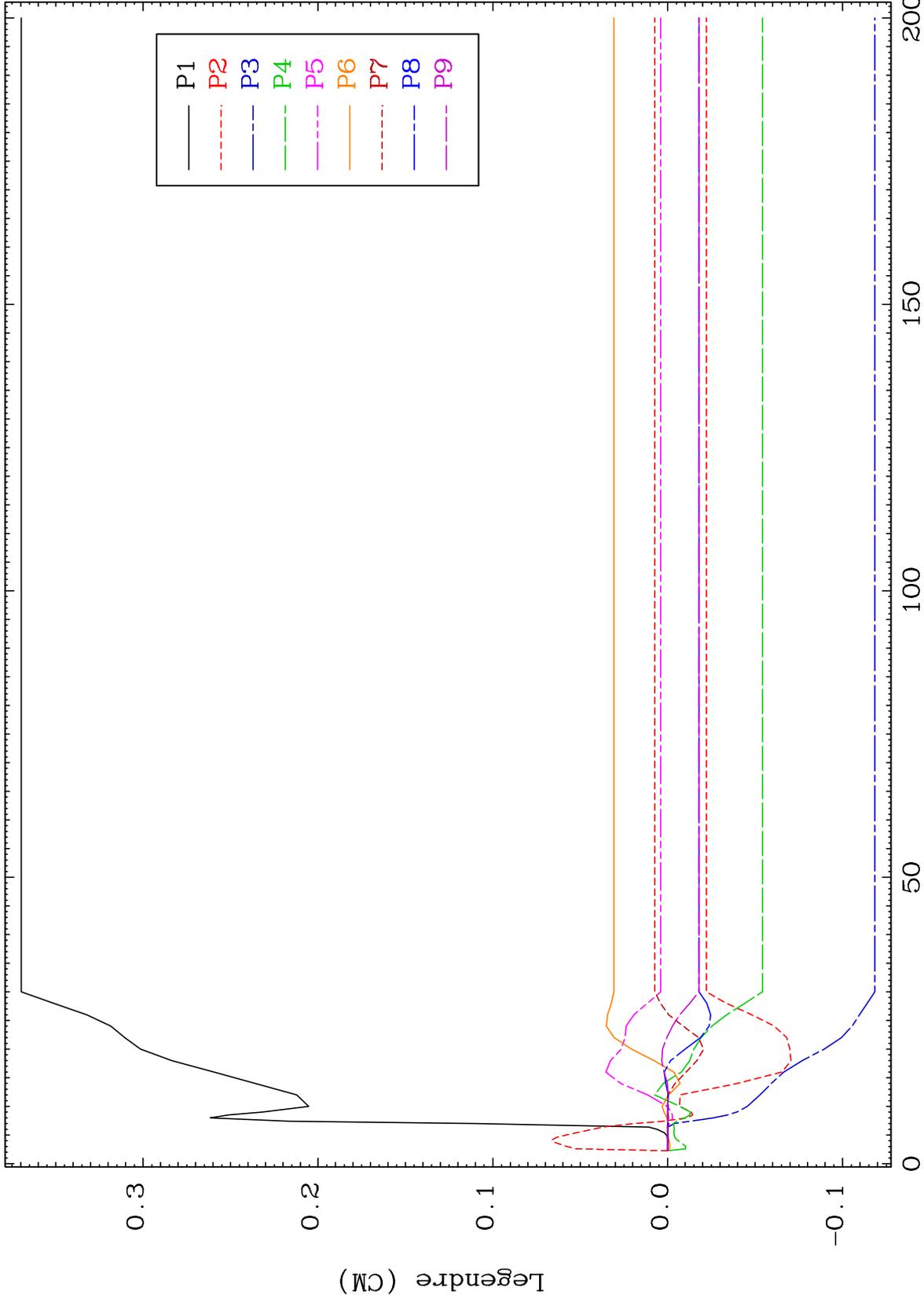
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



86-Rn-209

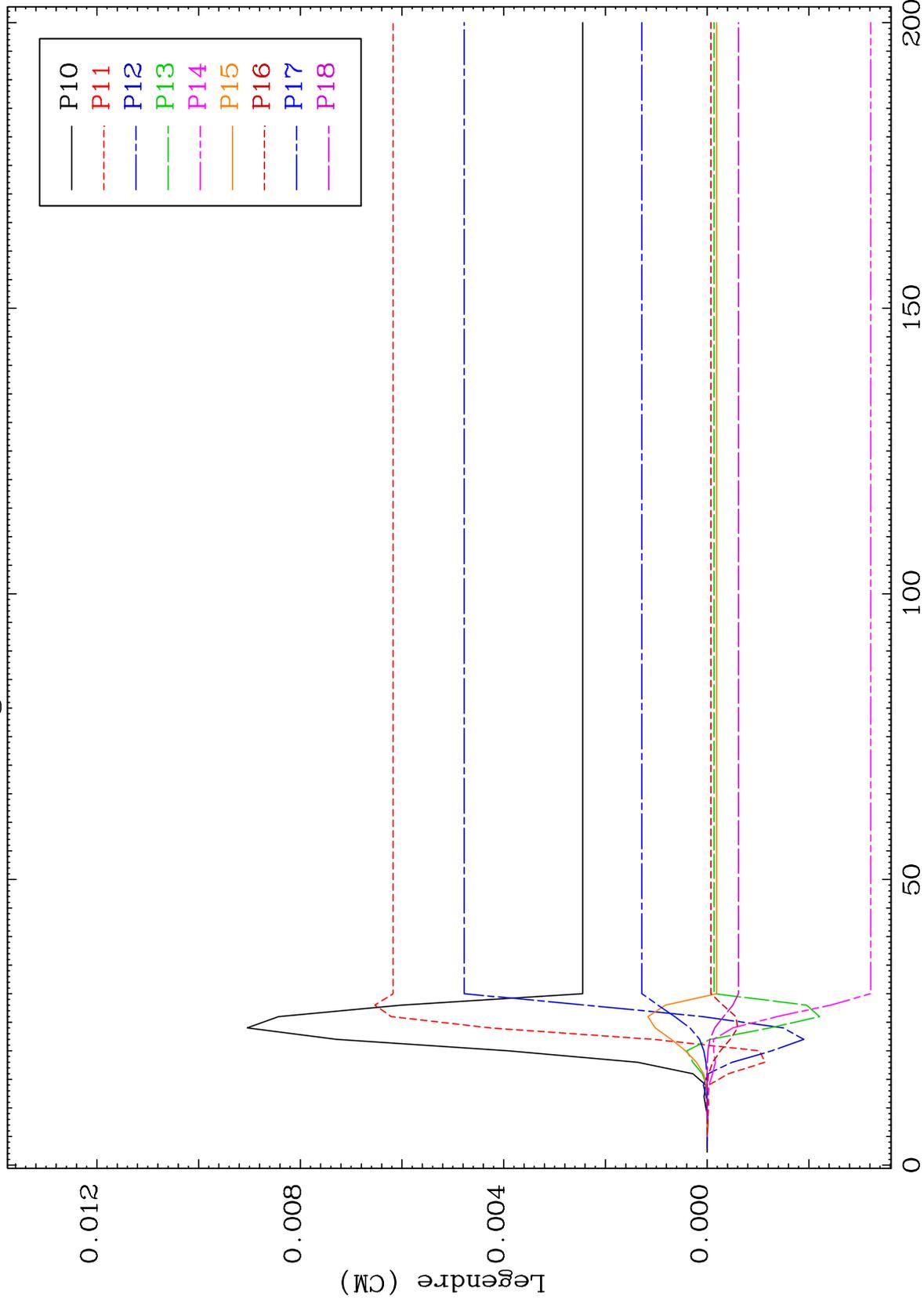
Incident Energy (MeV)

55

MAT 8619

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

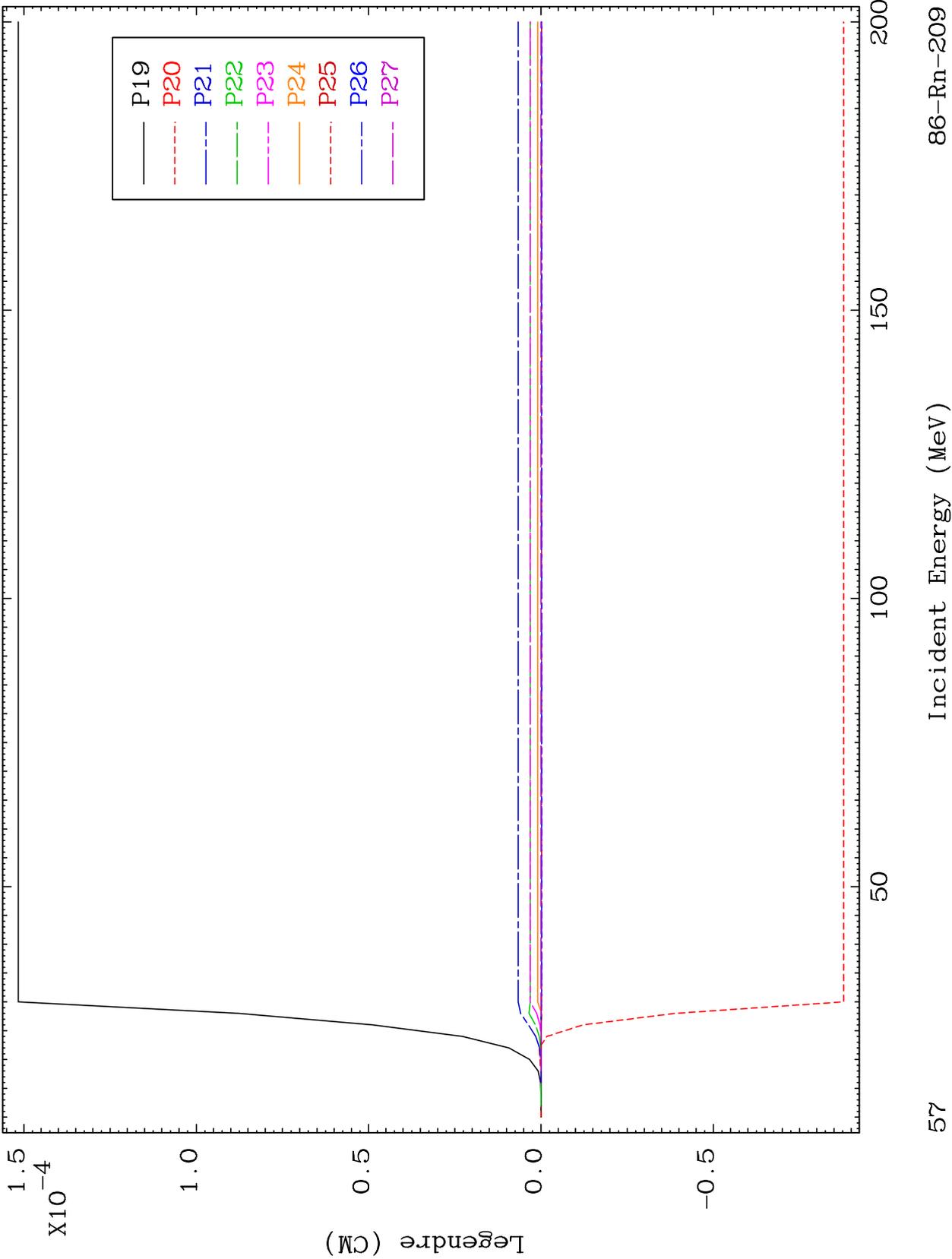
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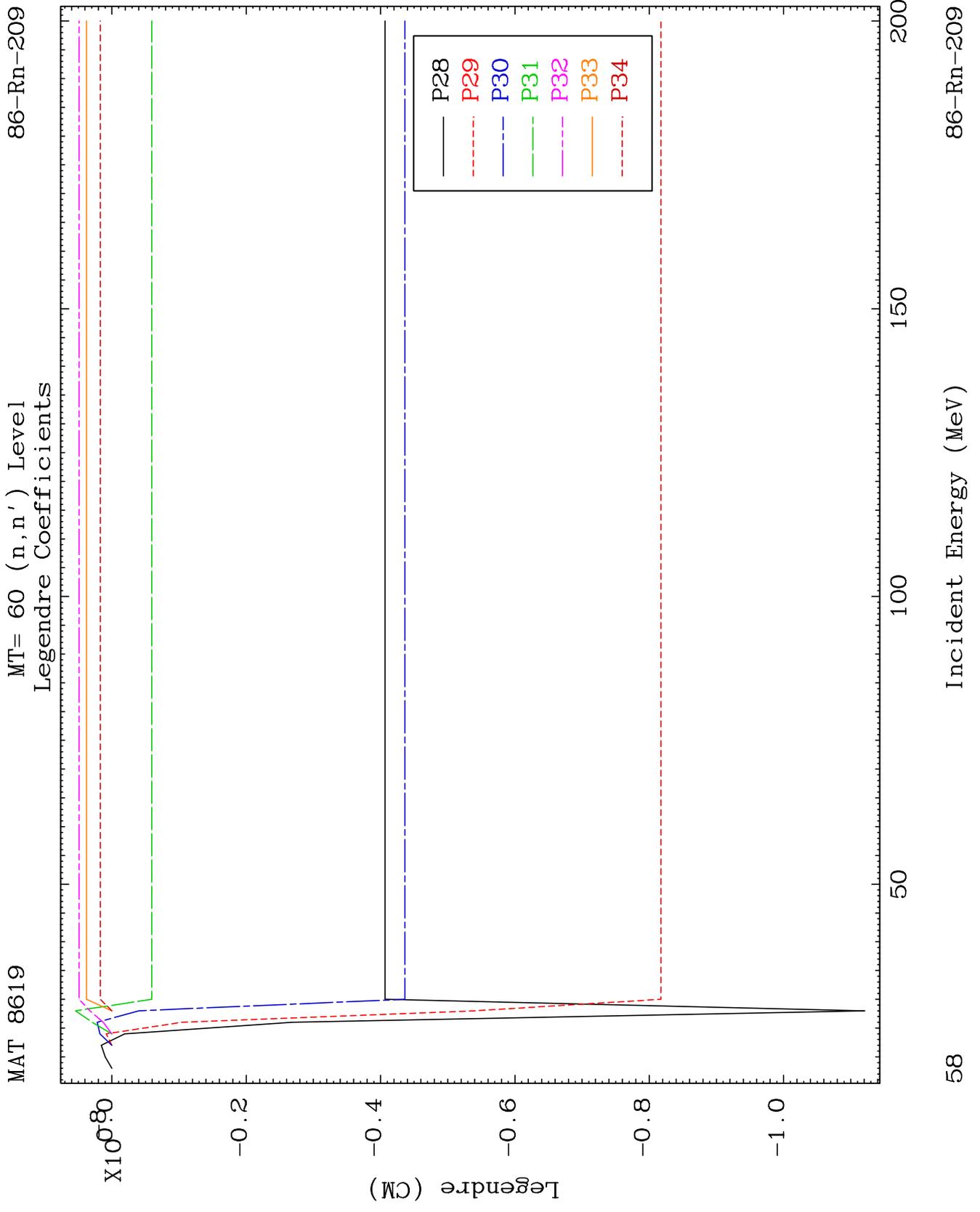


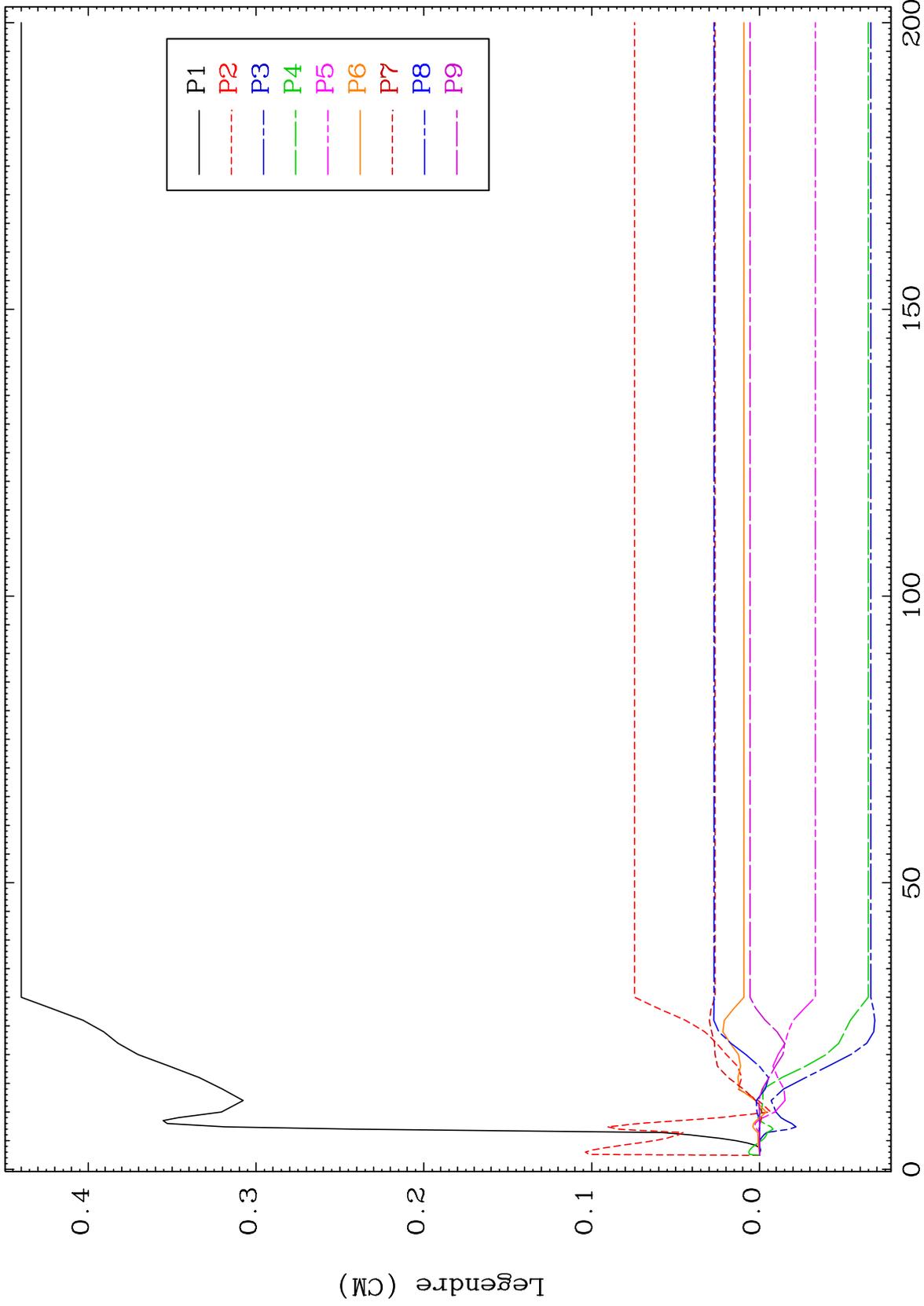
56

Incident Energy (MeV)

86-Rn-209



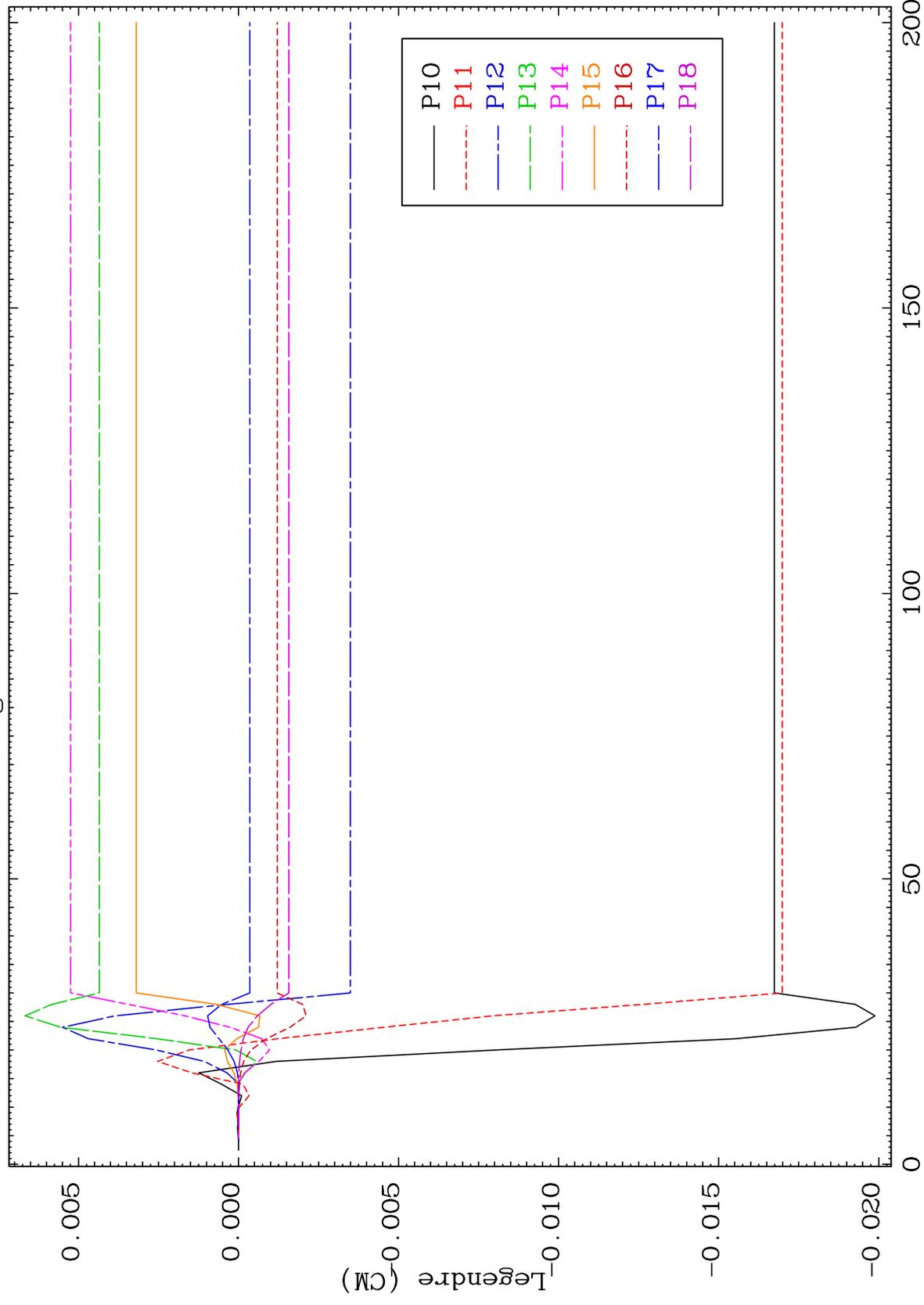




MAT 8619

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

86-Rn-209



86-Rn-209

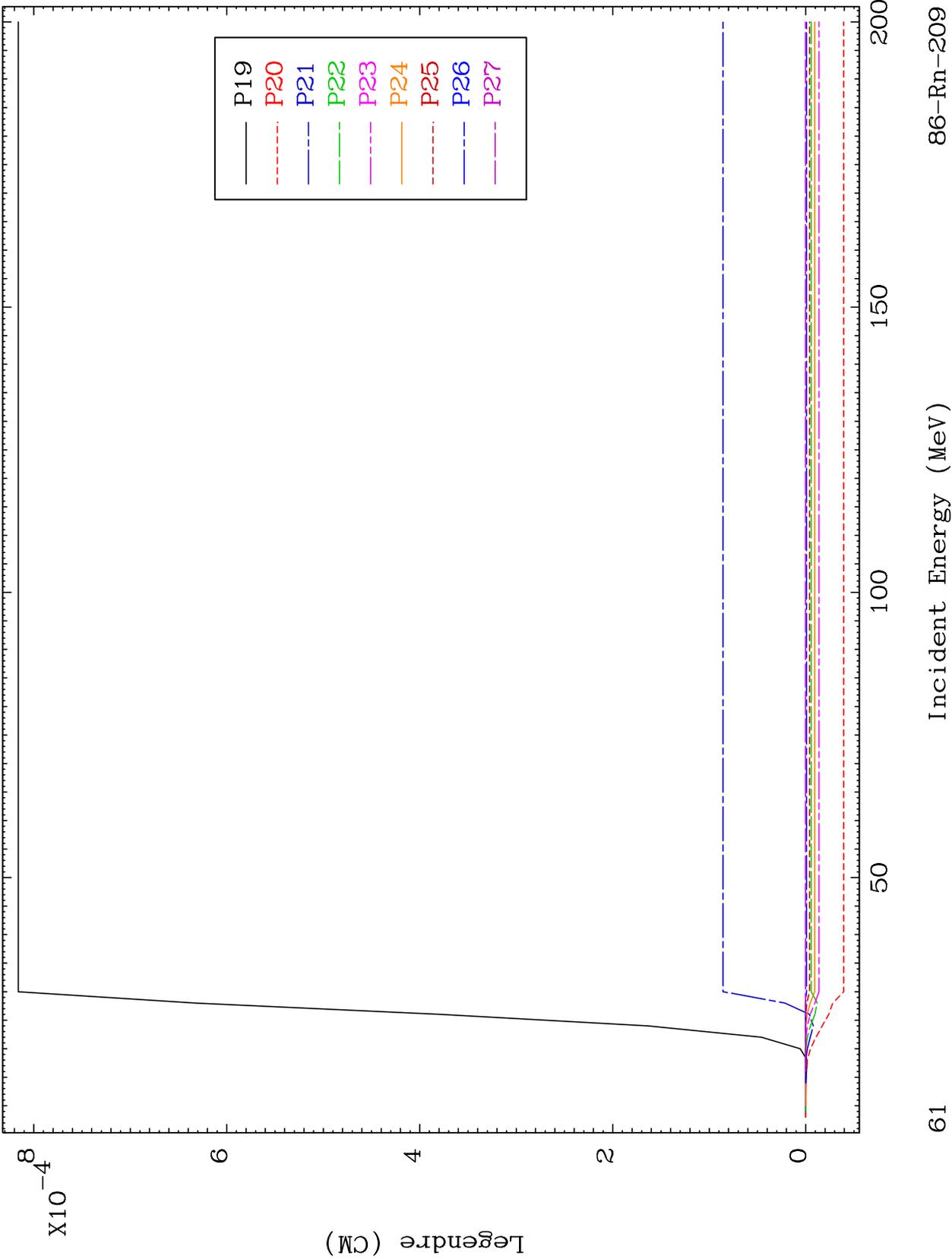
Incident Energy (MeV)

60

MAT 8619

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

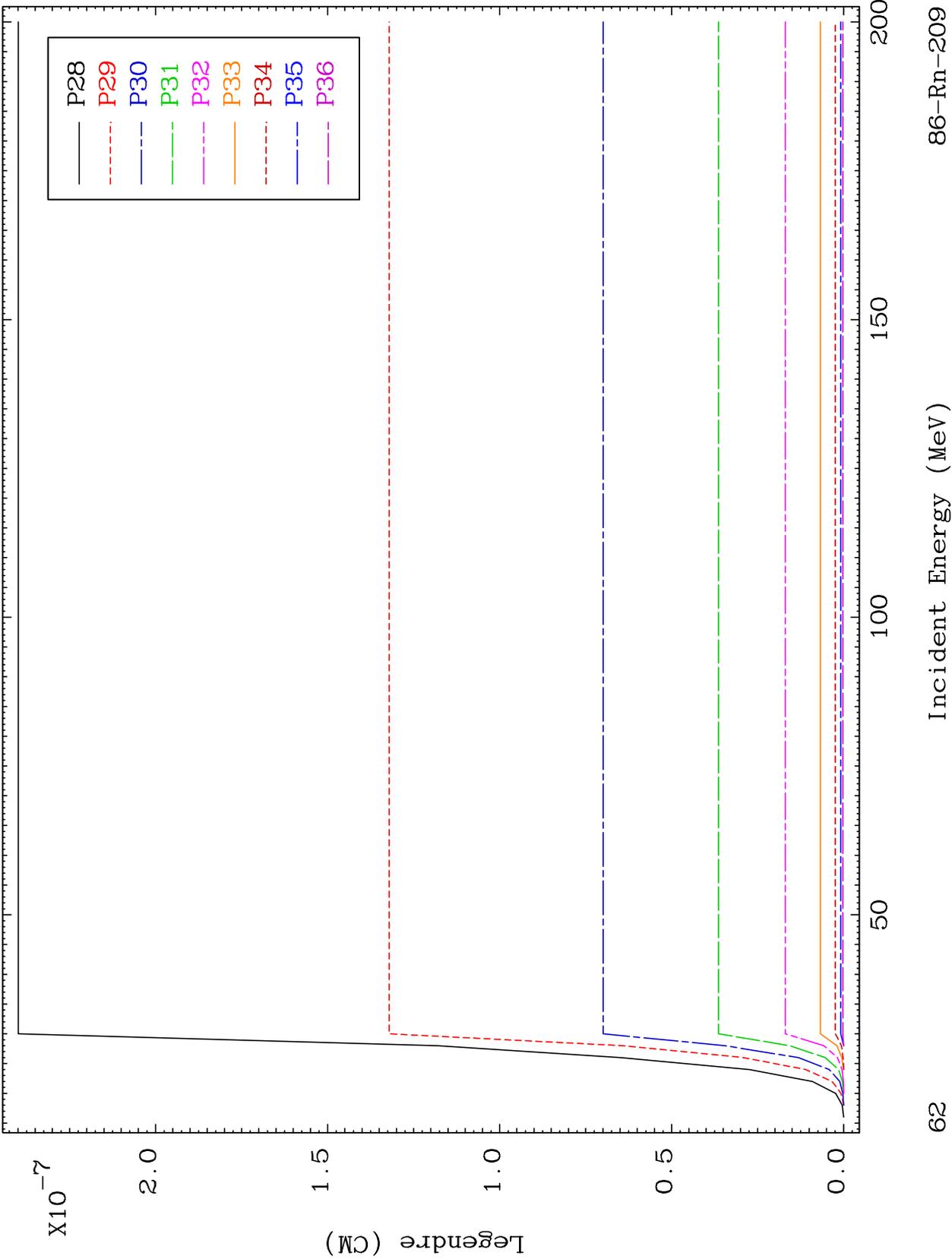
86-Rn-209



MAT 8619

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

86-Rn-209



62

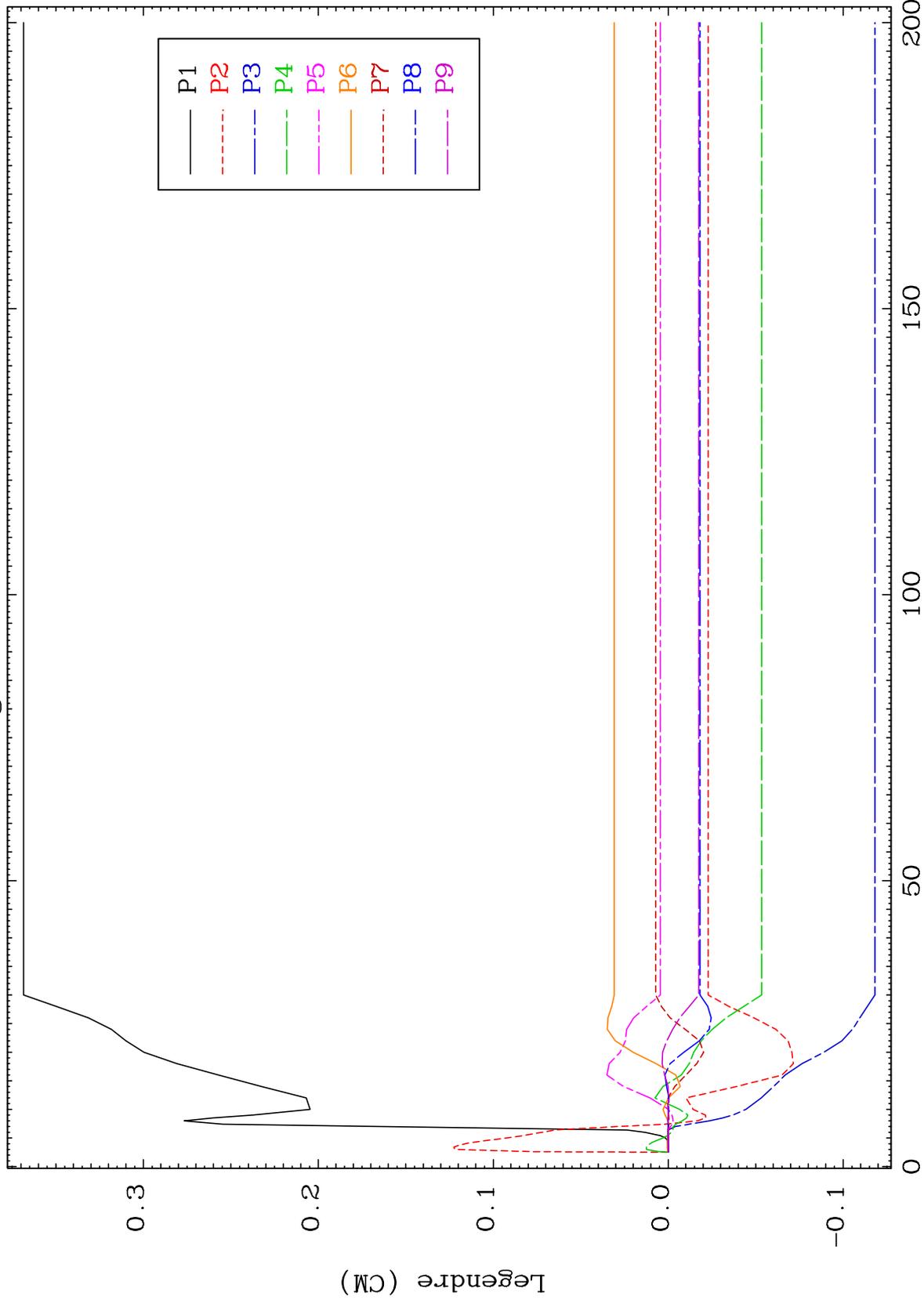
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



63

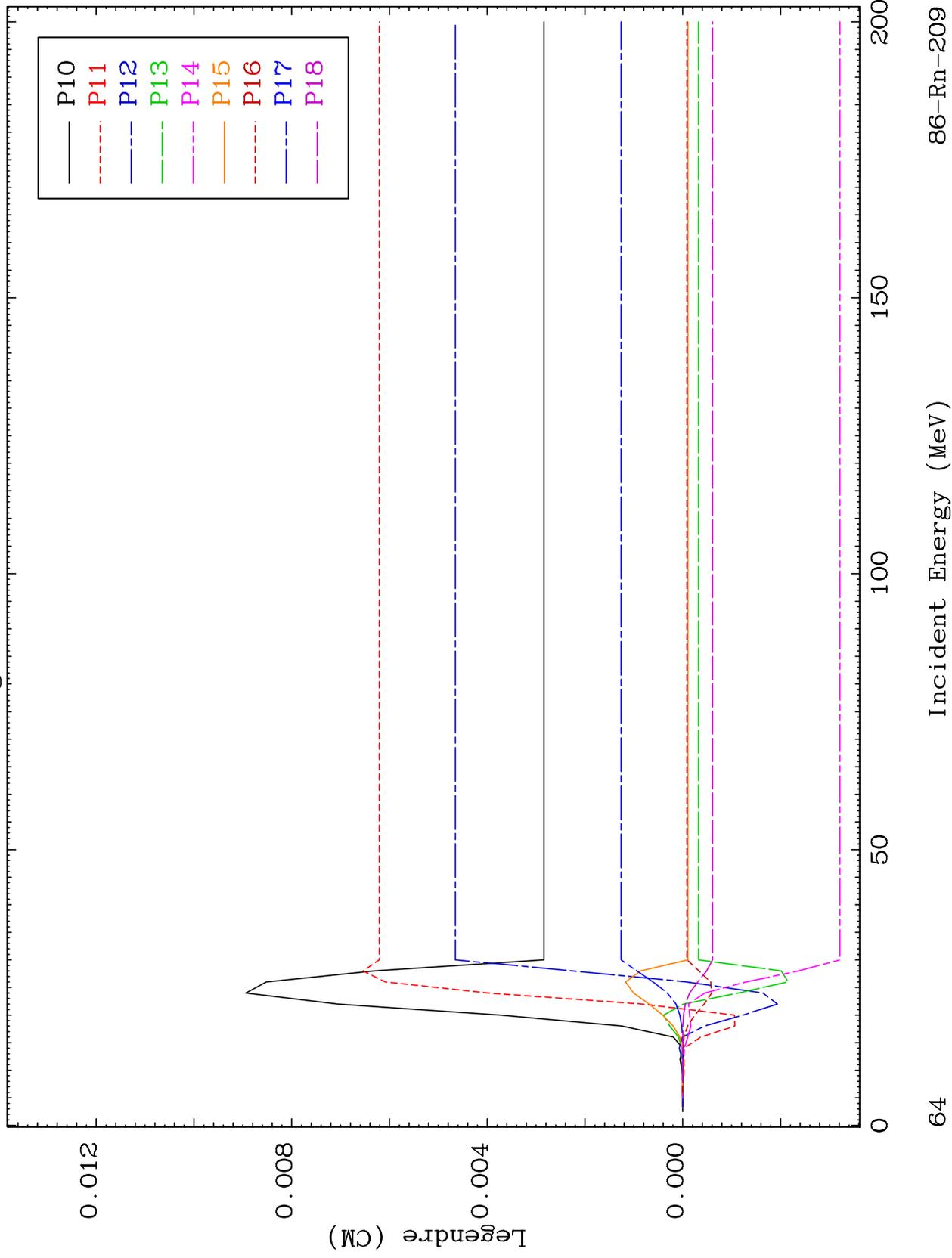
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



64

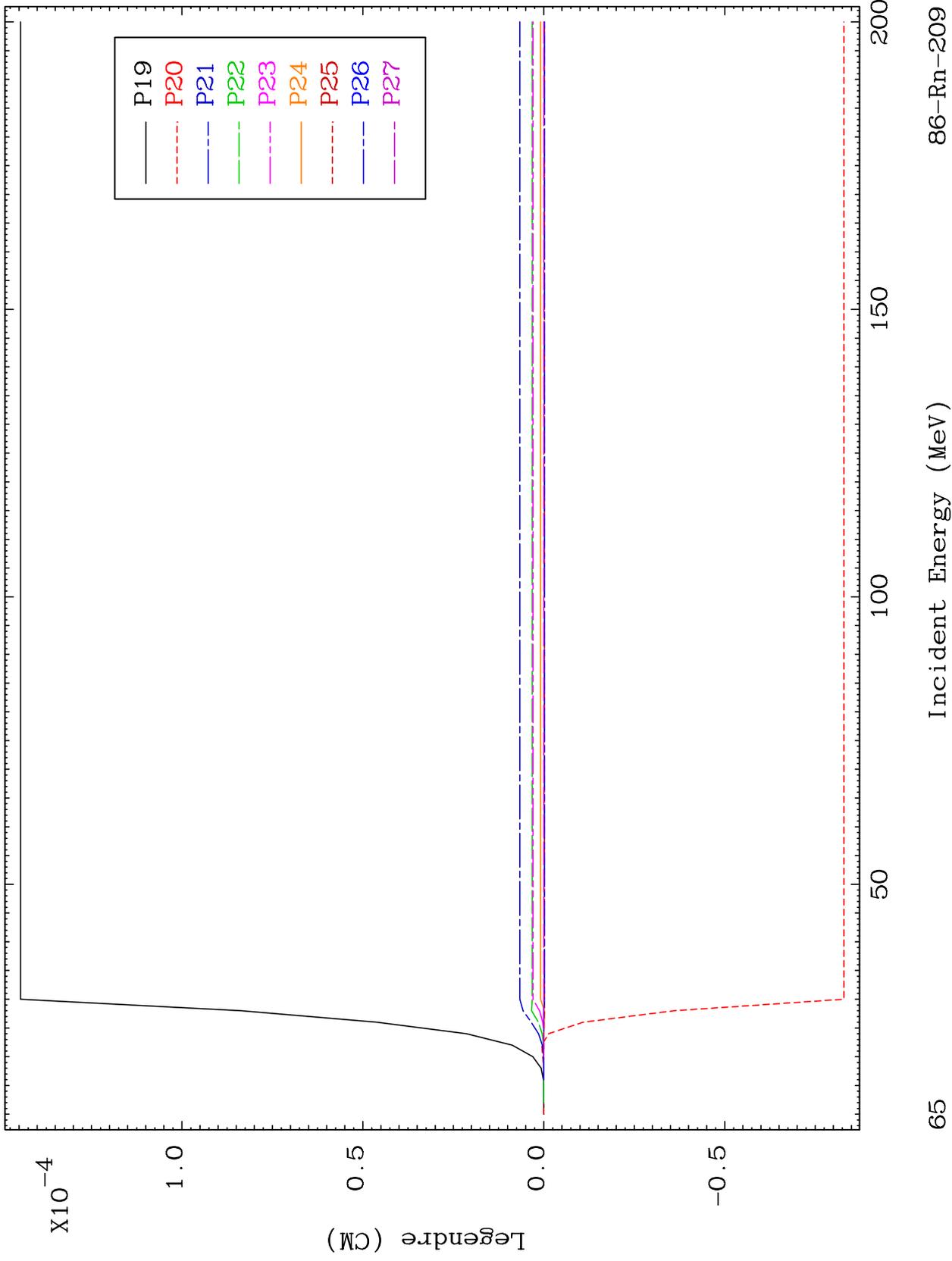
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



65

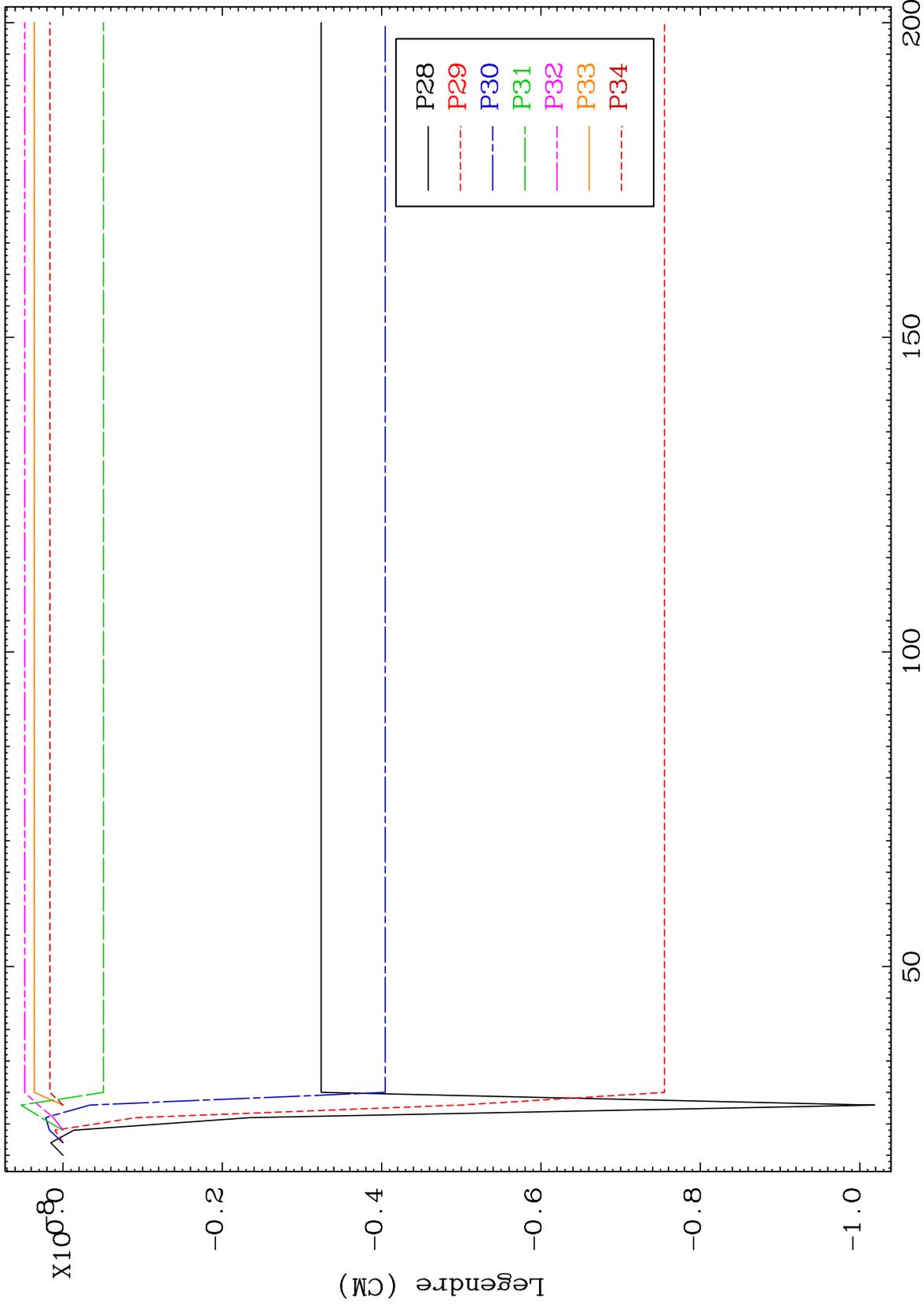
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



66

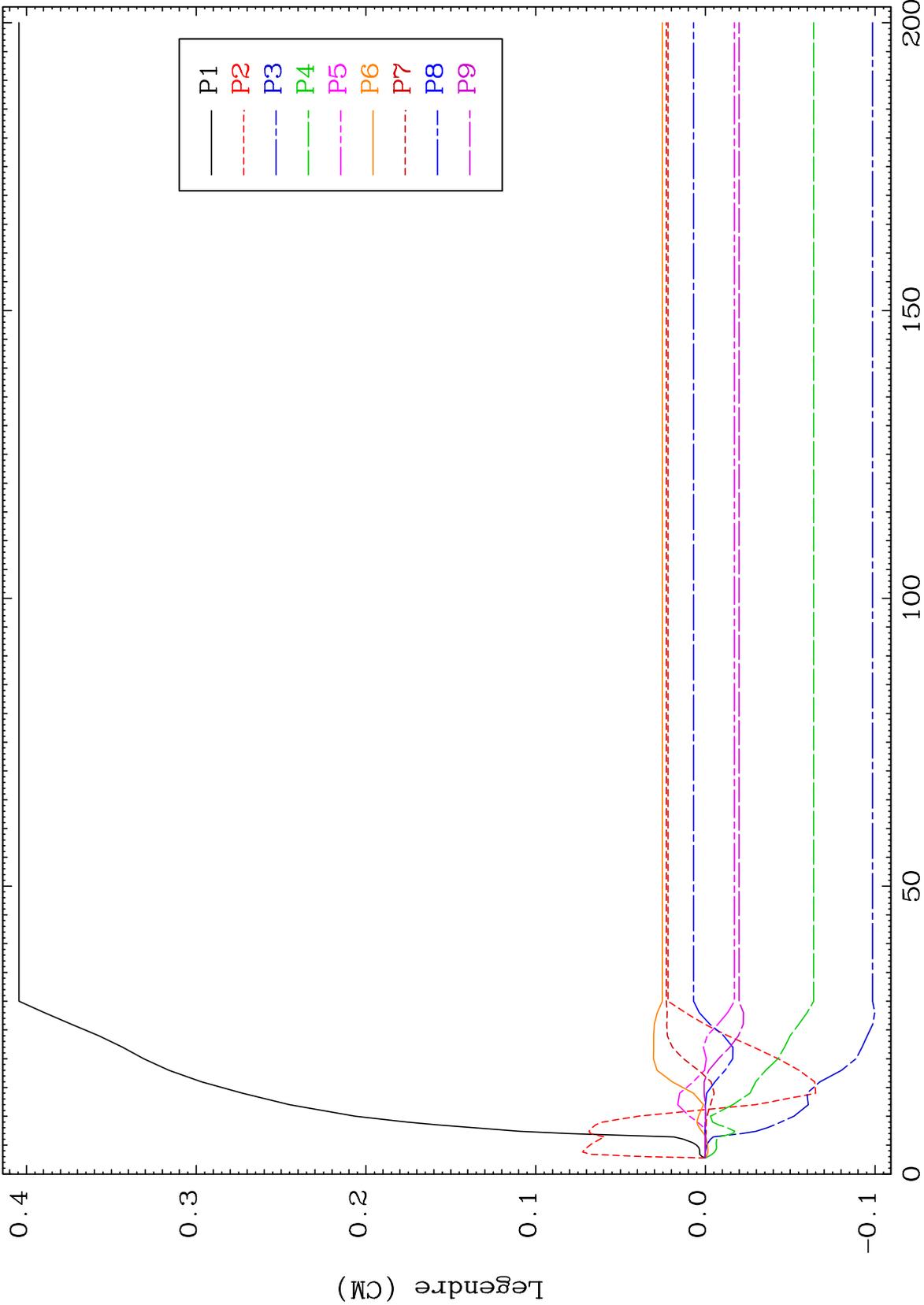
86-Rn-209

86-Rn-209

MAT 8619

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

86-Rn-209



67

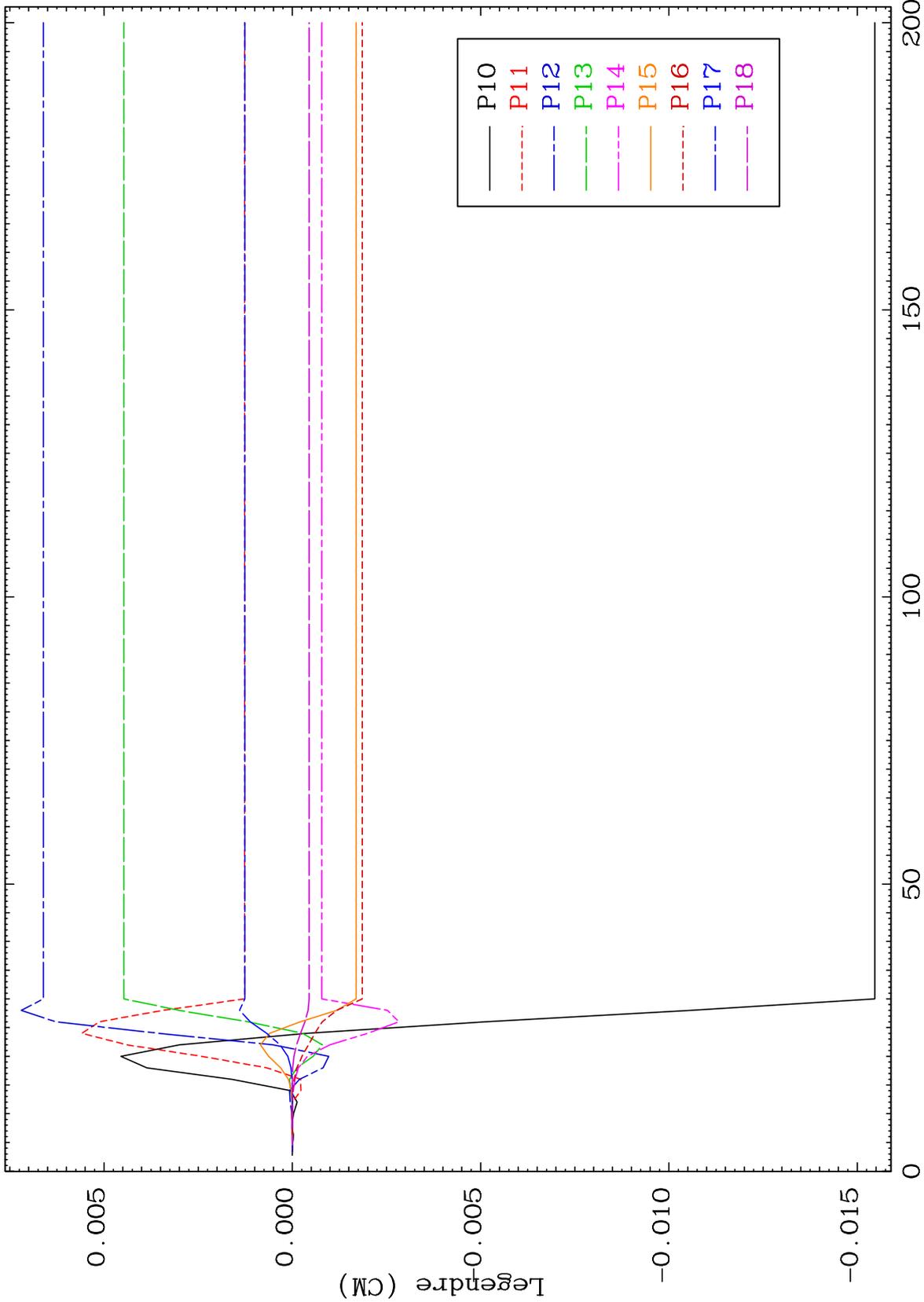
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



68

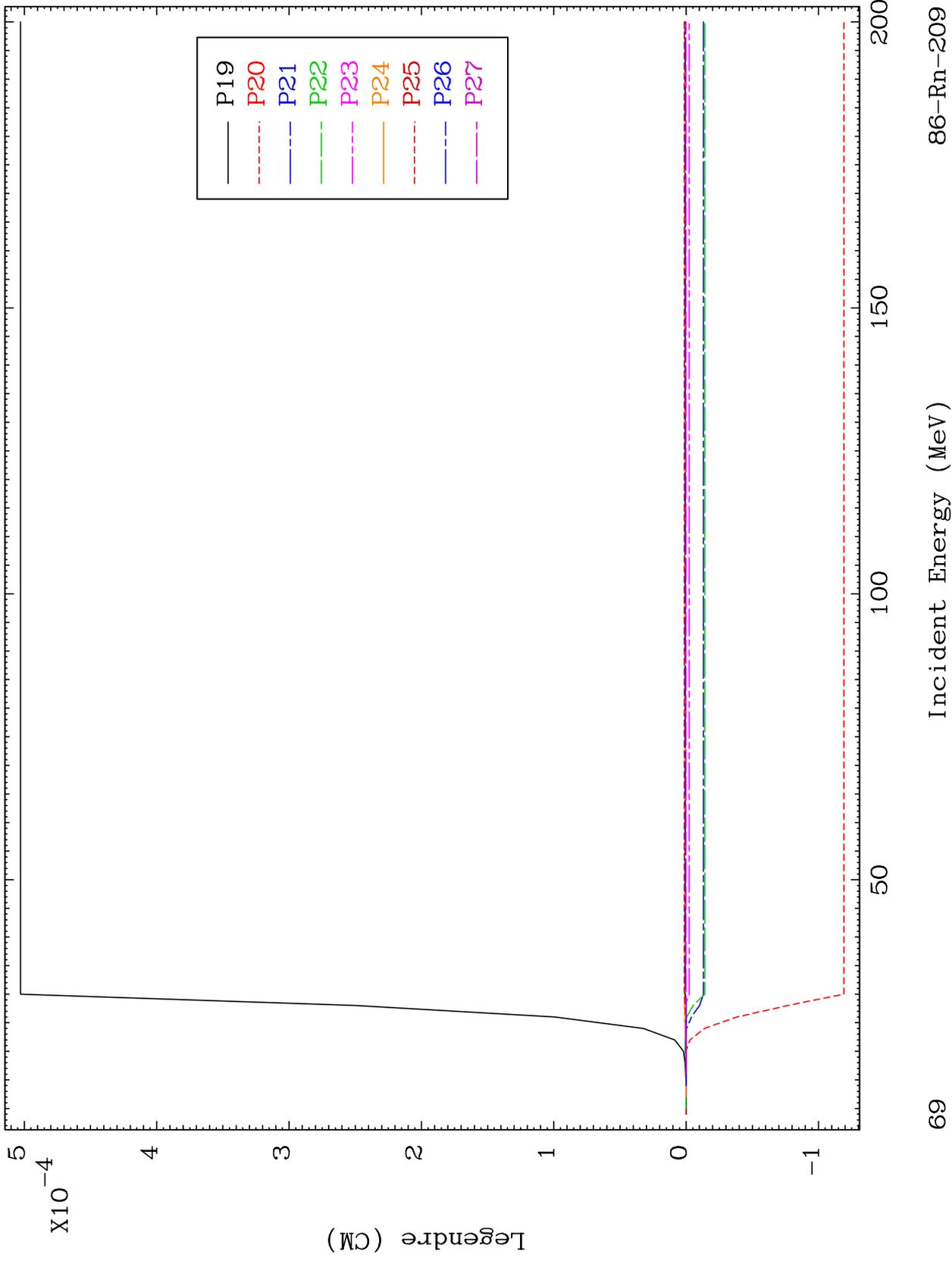
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



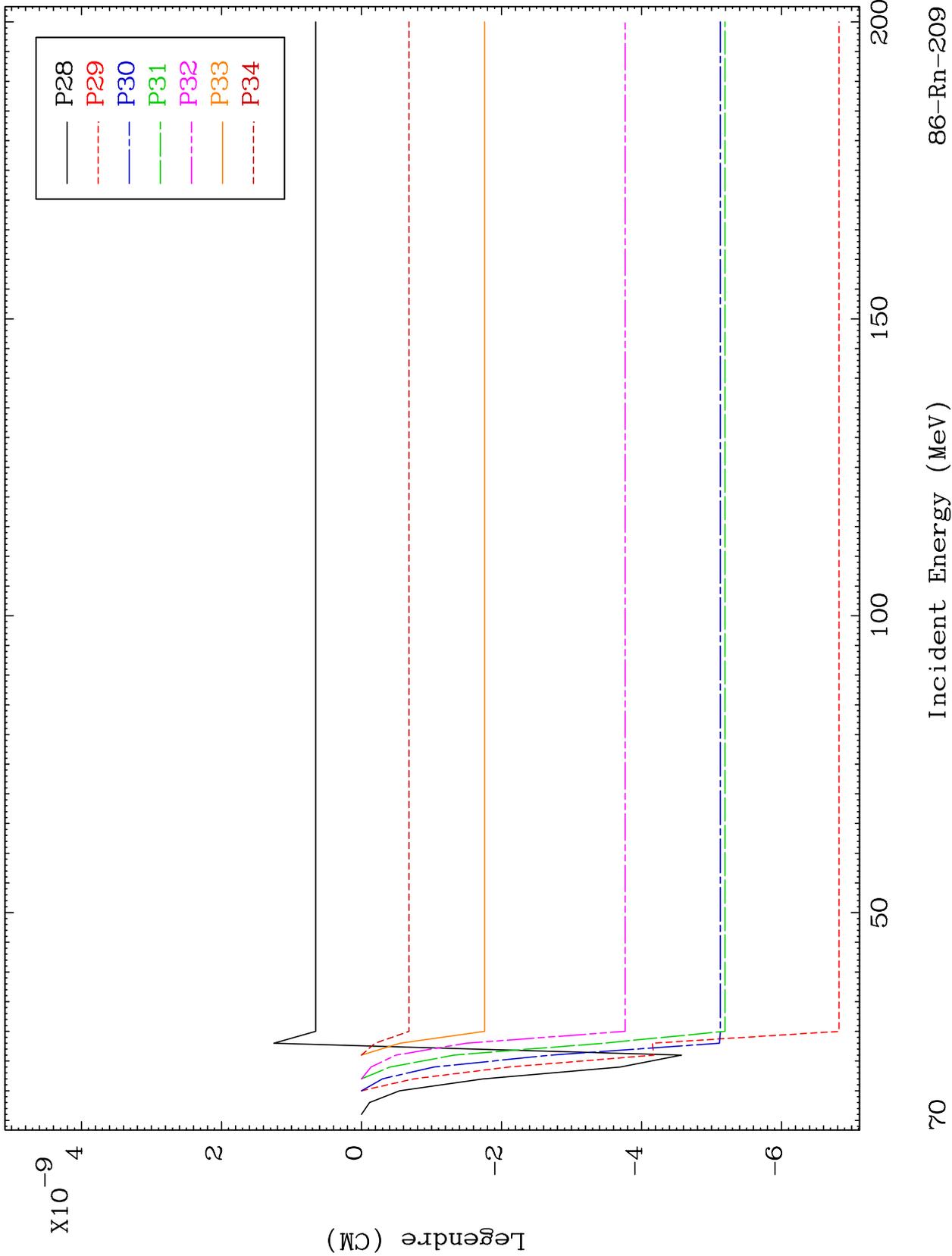
69

86-Rn-209

MAT 8619

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

86-Rn-209



86-Rn-209

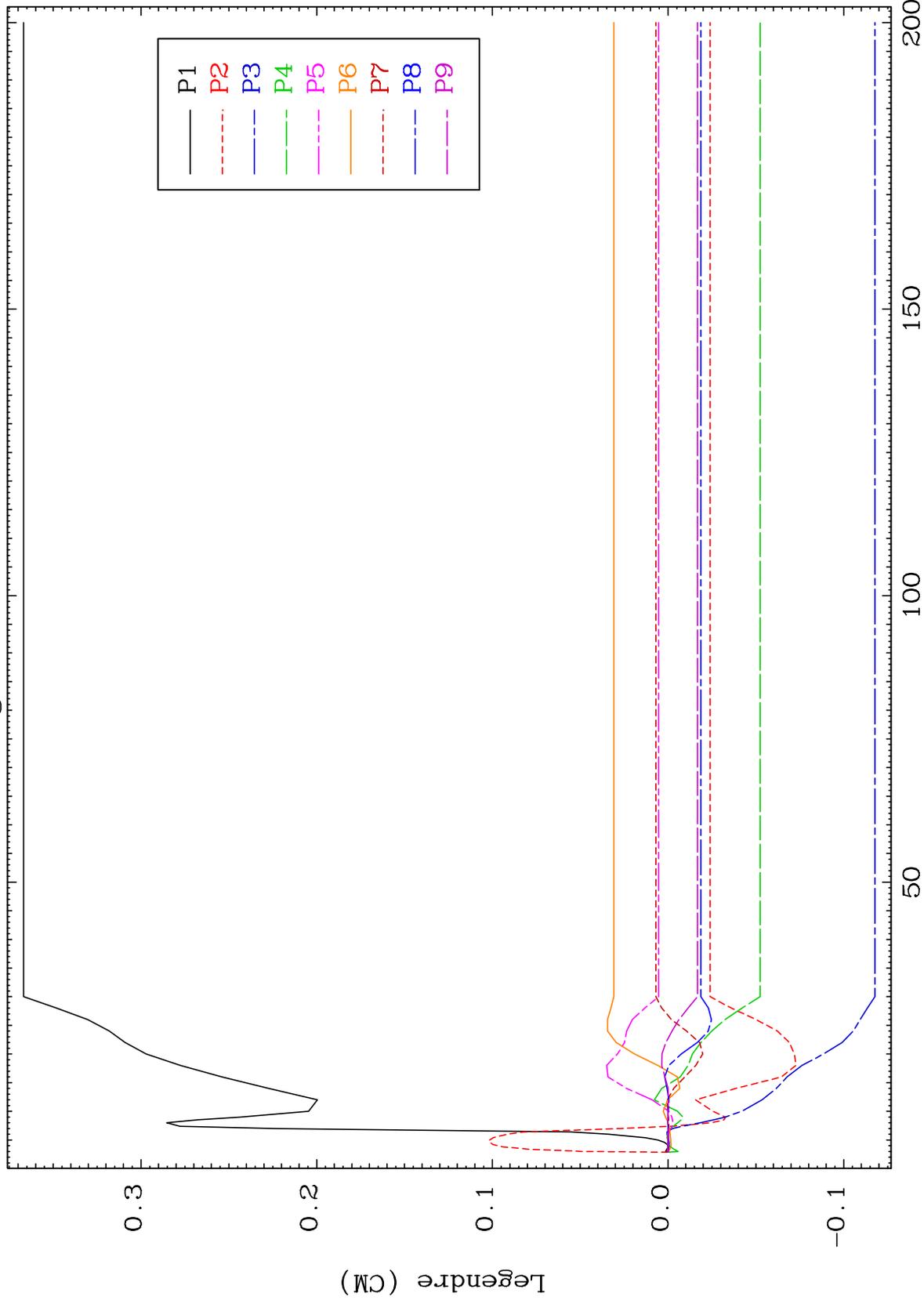
Incident Energy (MeV)

70

MAT 8619

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

86-Rn-209



71

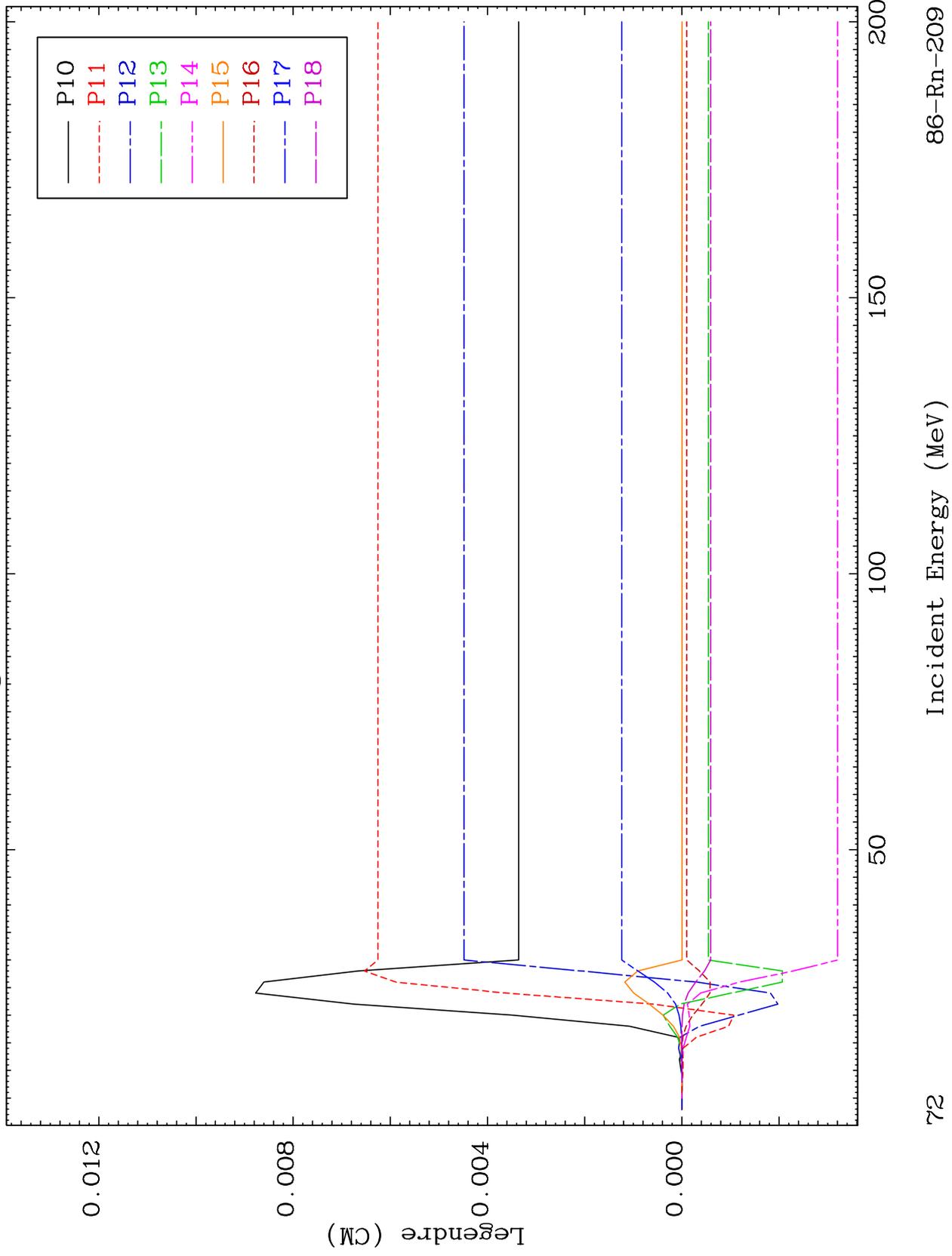
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



72

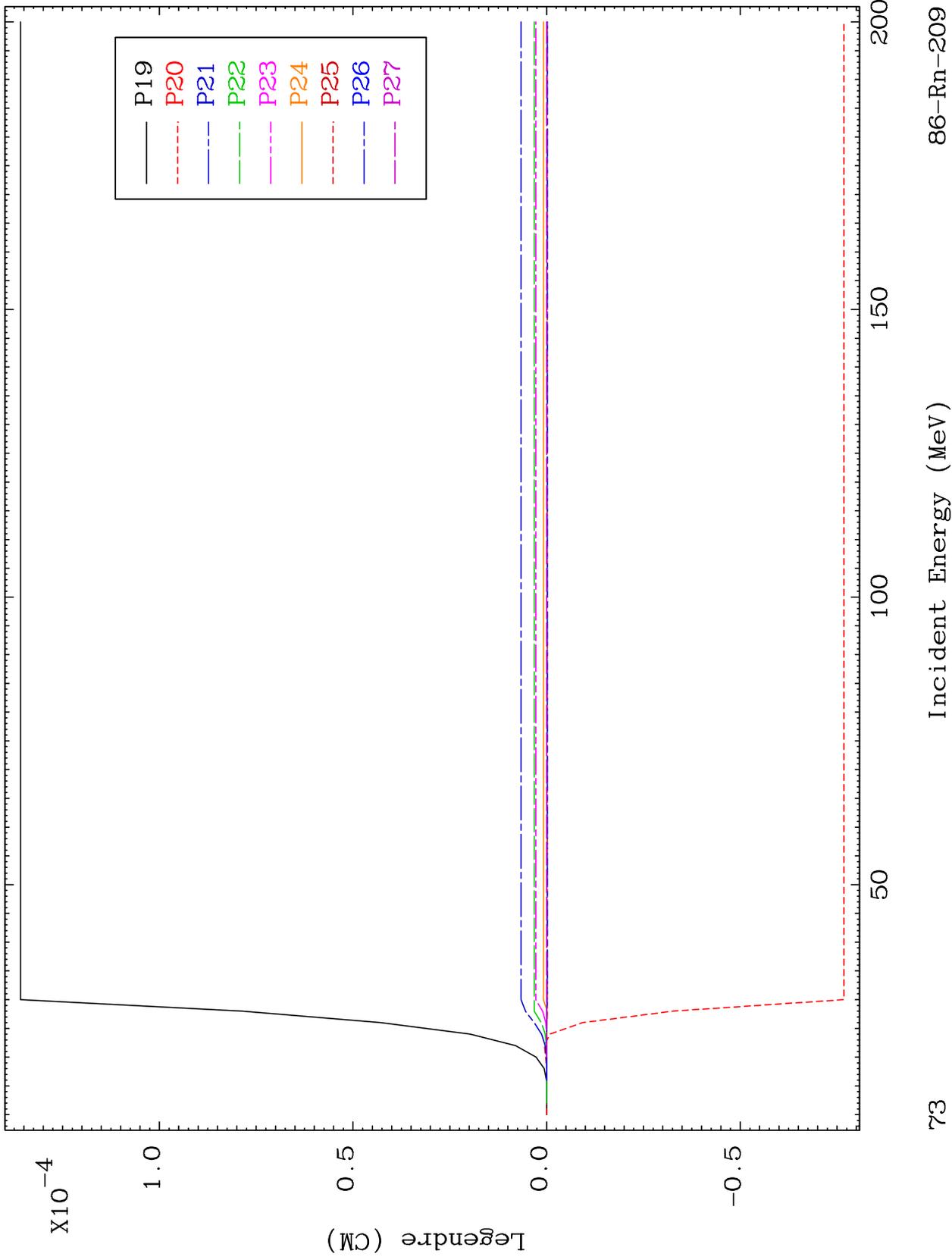
Incident Energy (MeV)

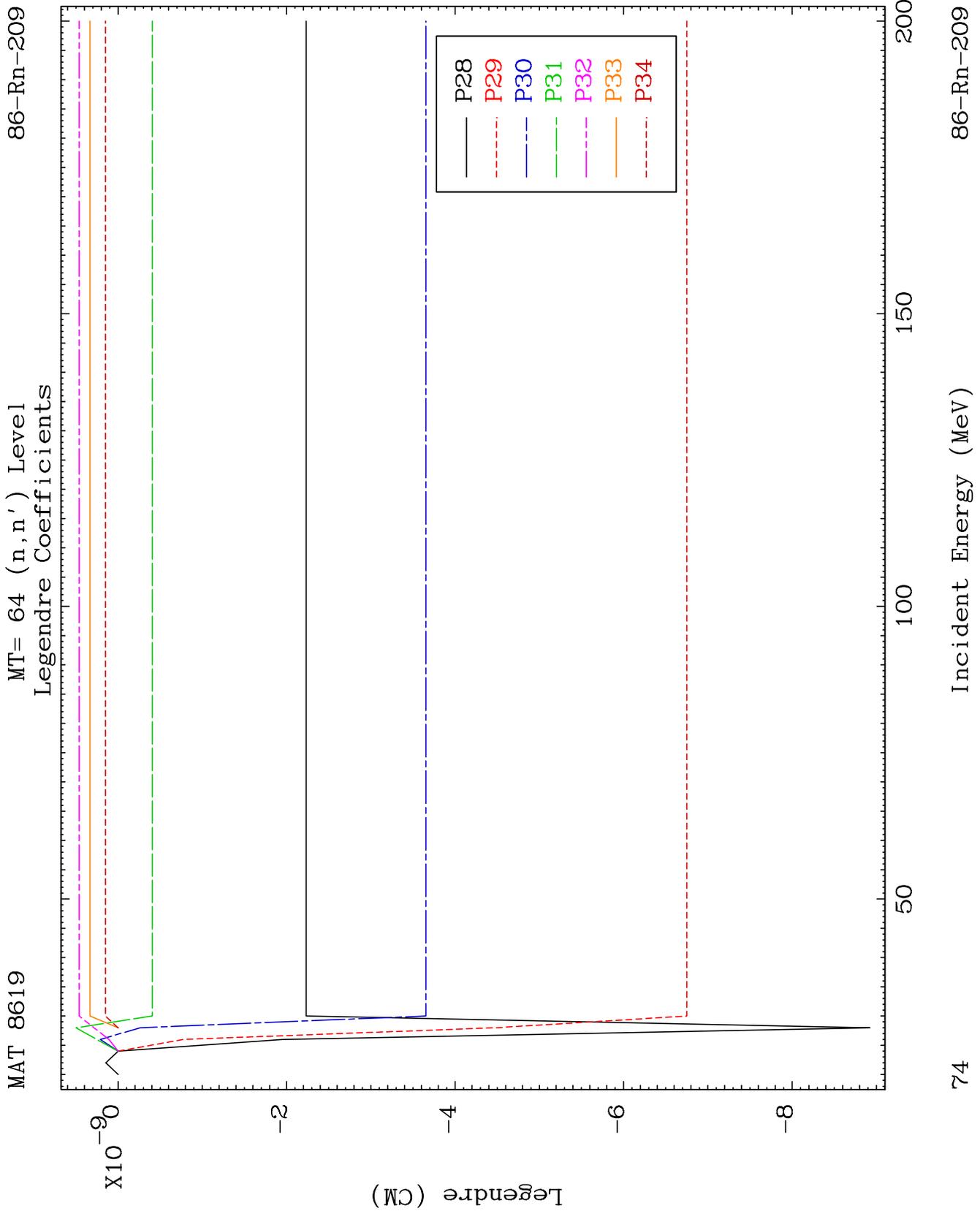
86-Rn-209

MAT 8619

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

86-Rn-209

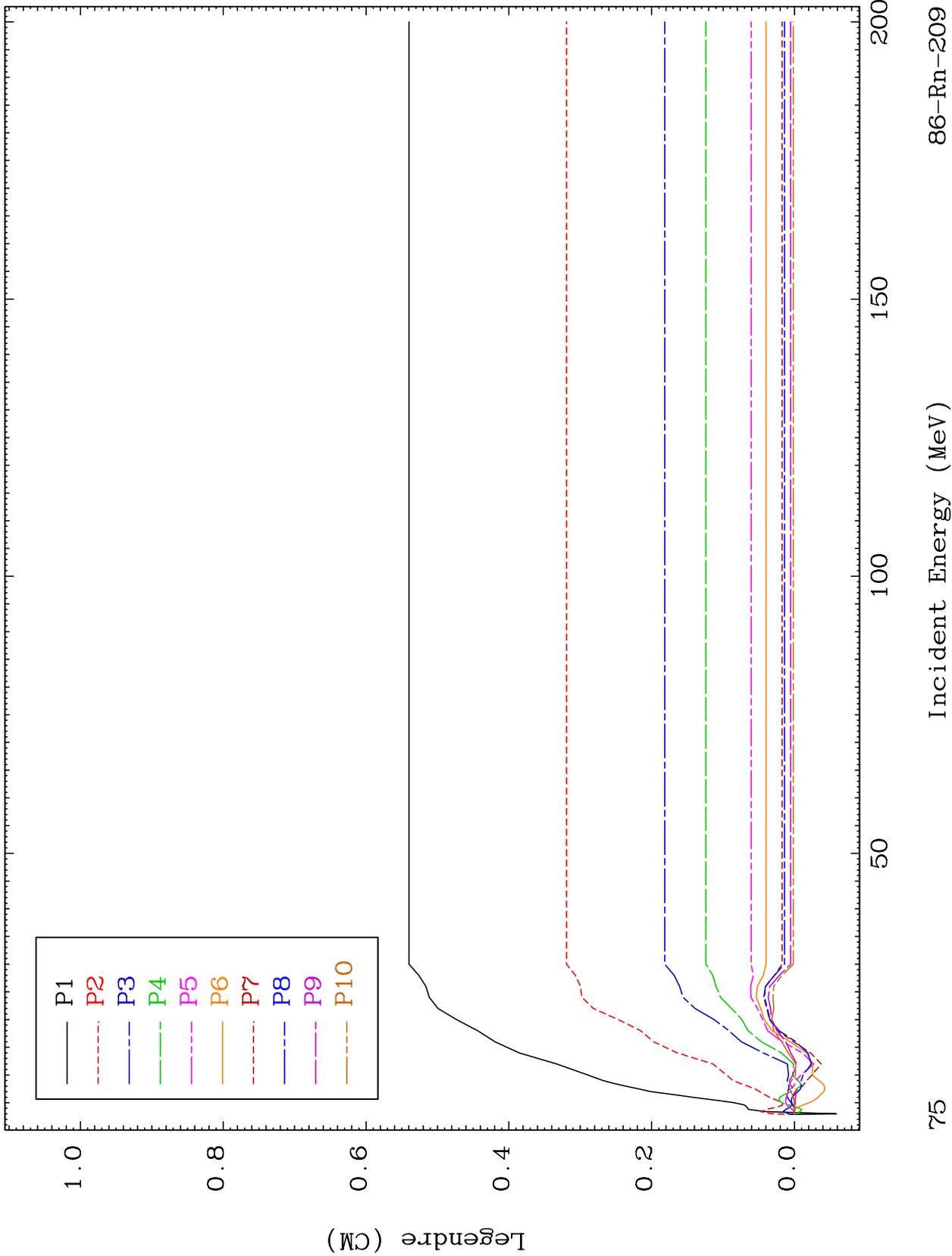




MAT 8619

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

86-Rn-209



75

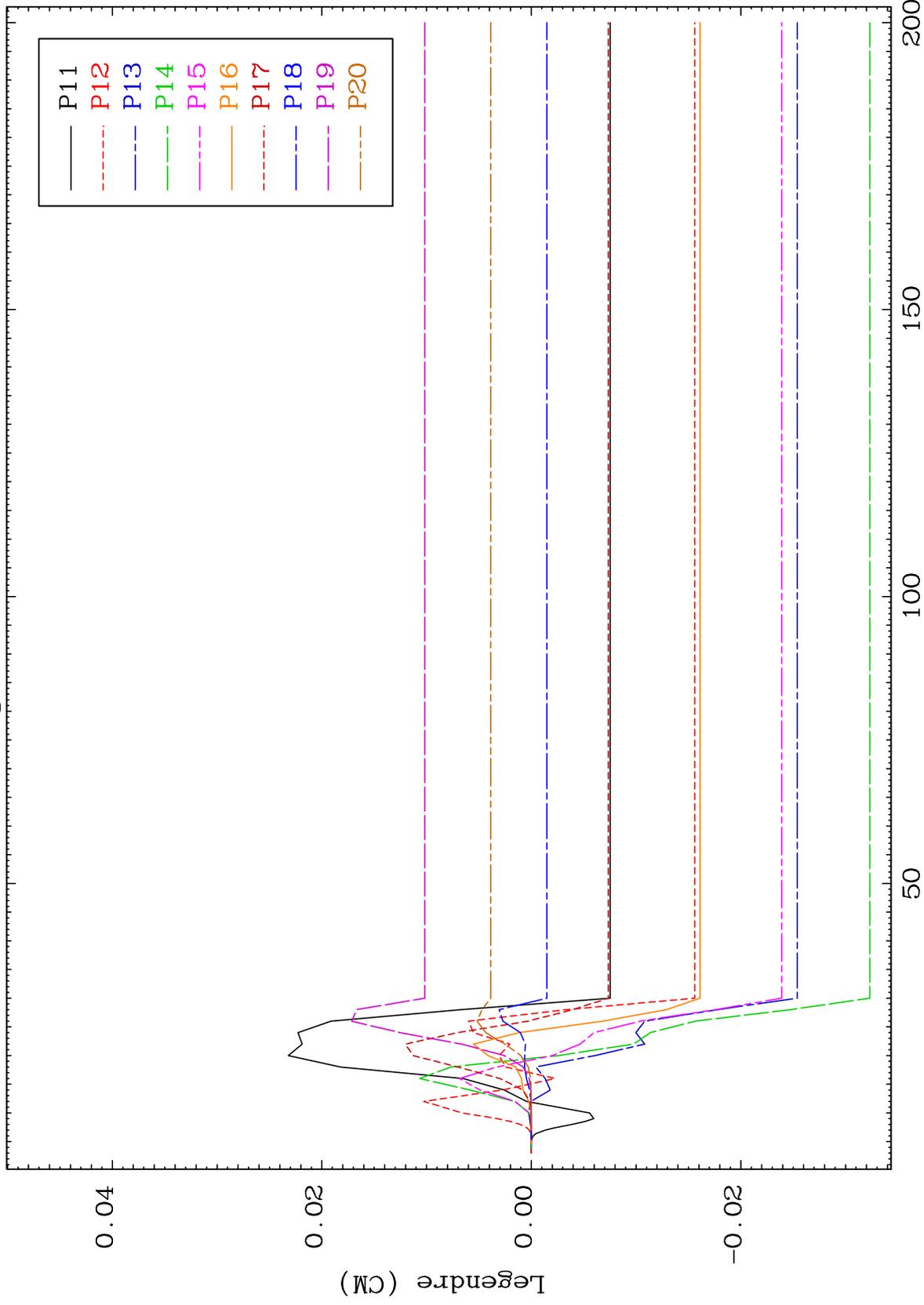
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



76

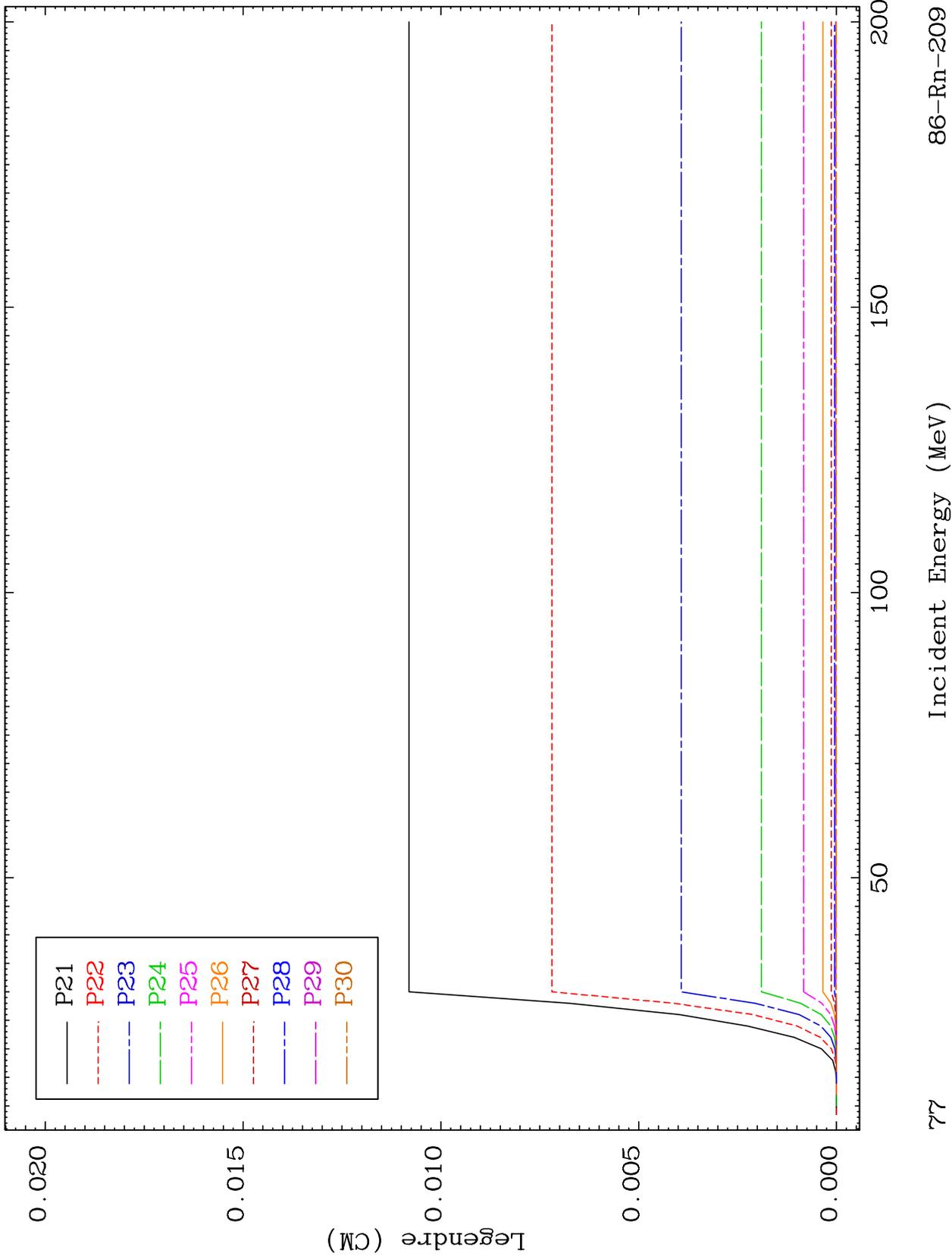
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



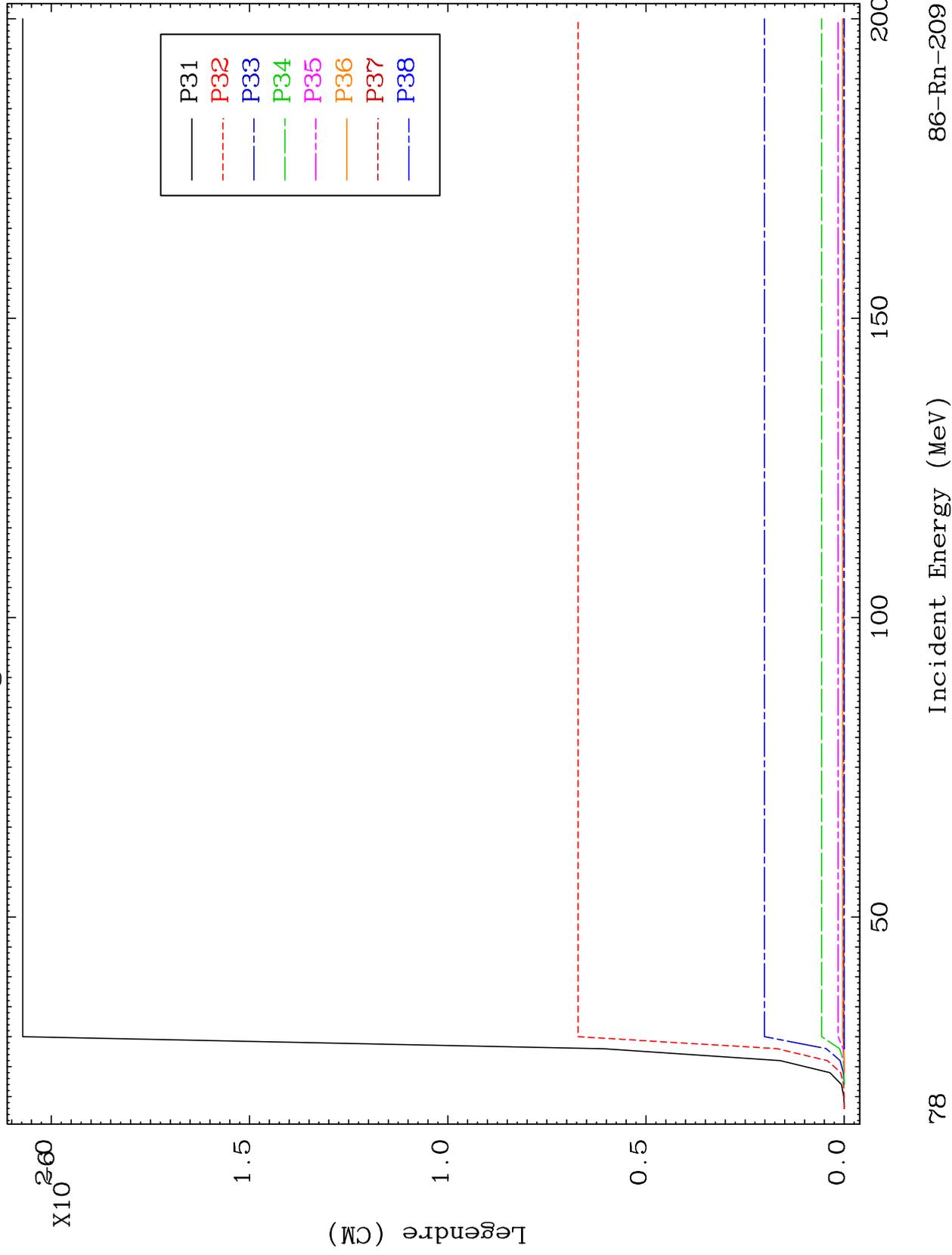
77

86-Rn-209

MAT 8619

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

86-Rn-209



78

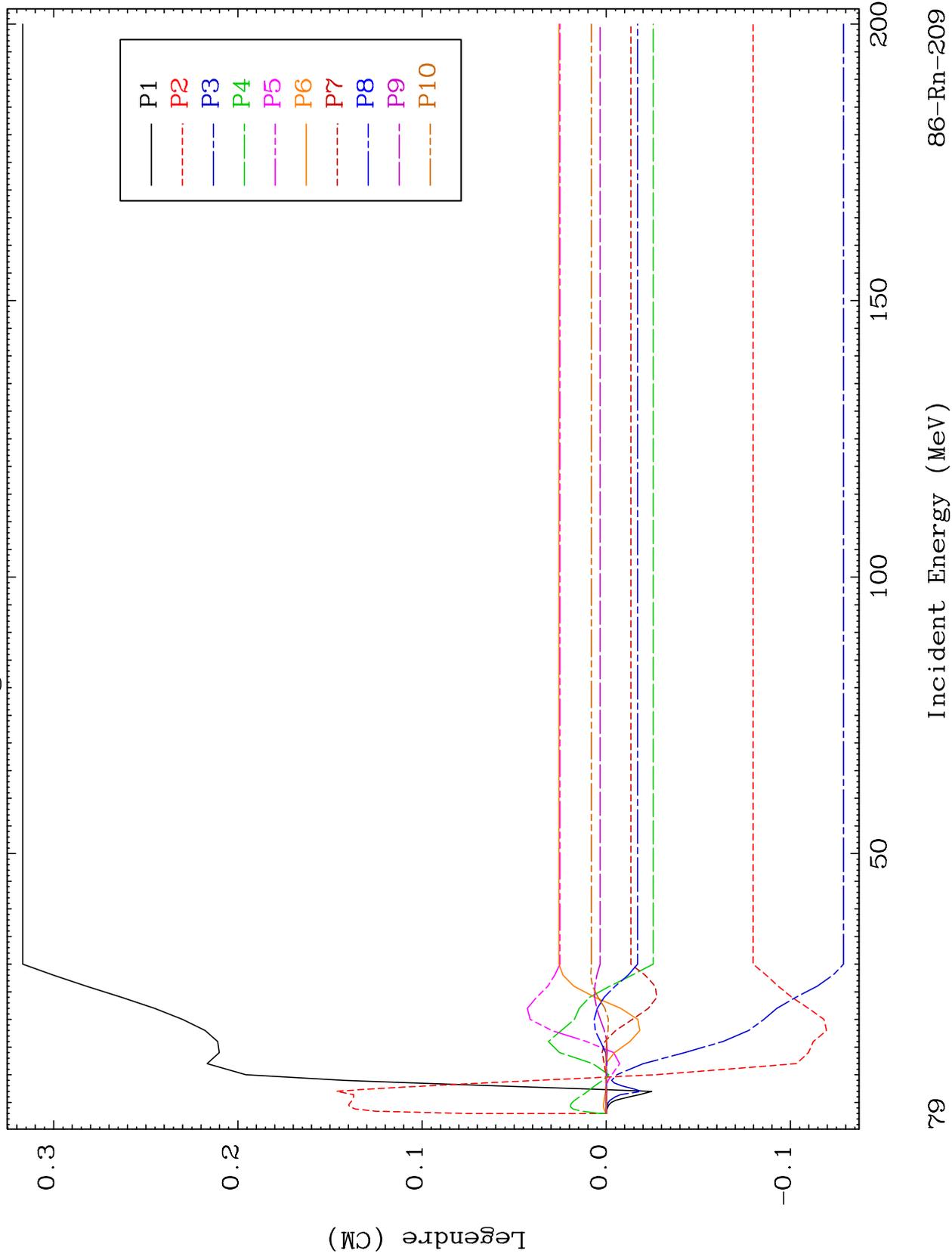
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



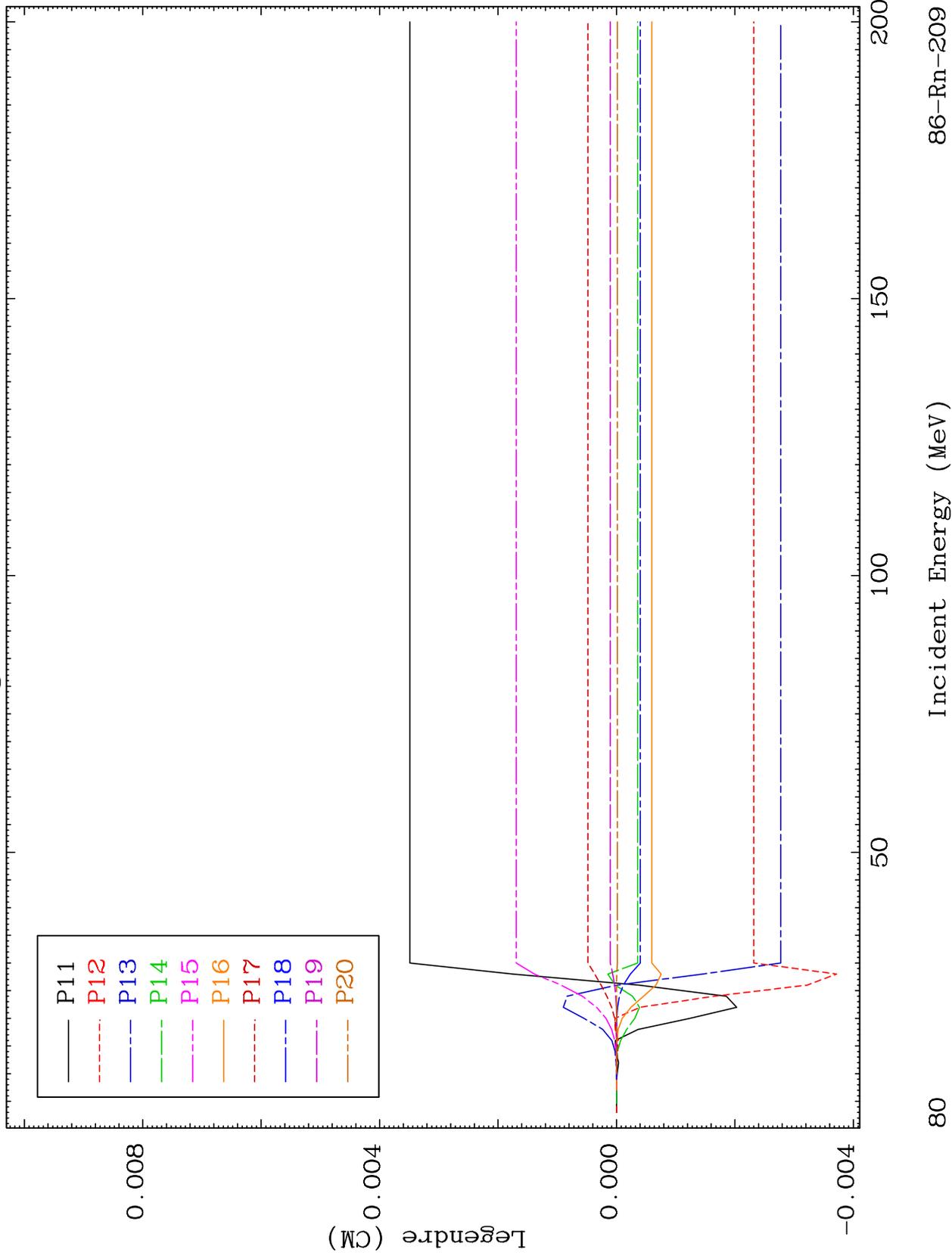
79

86-Rn-209

MAT 8619

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

86-Rn-209



80

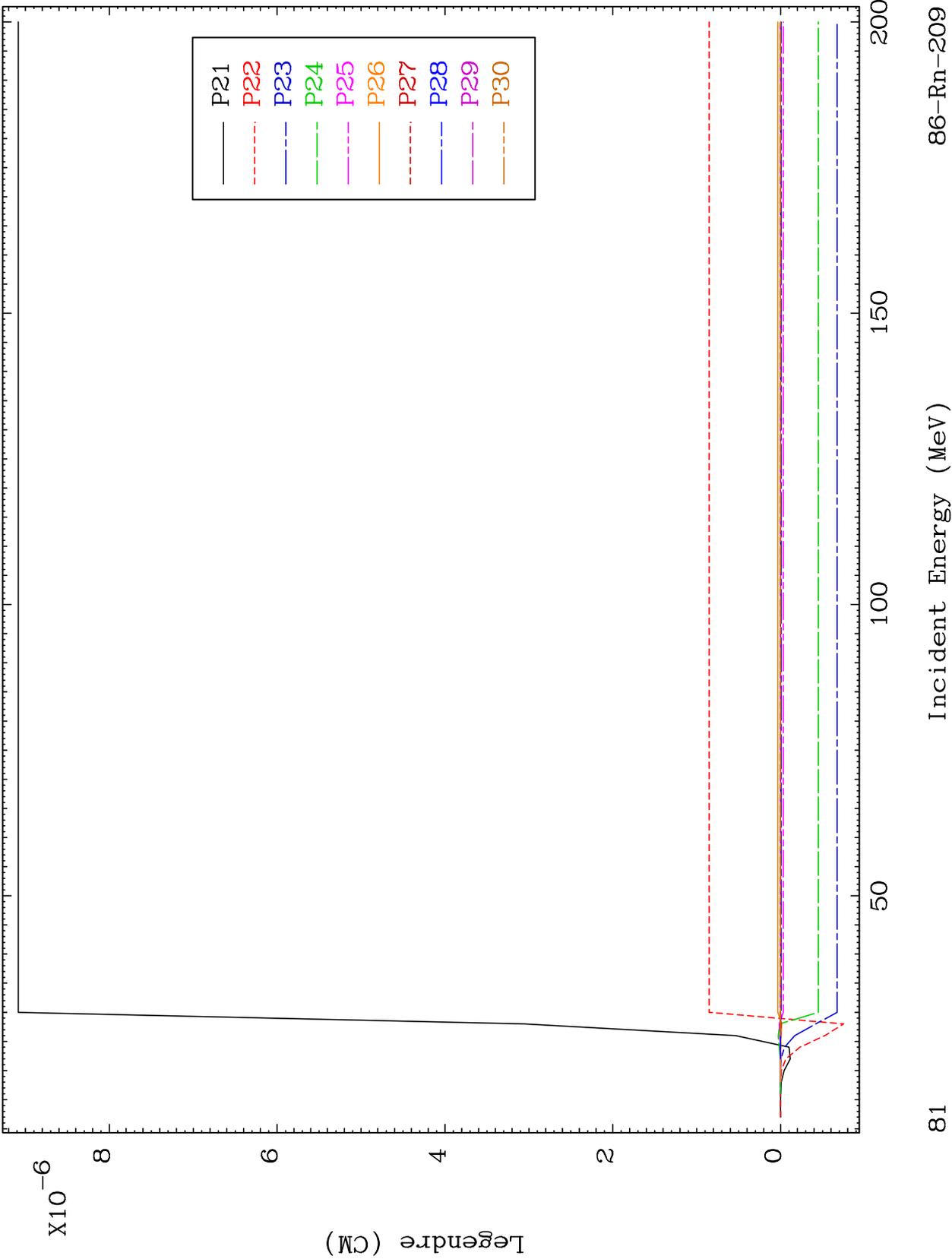
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

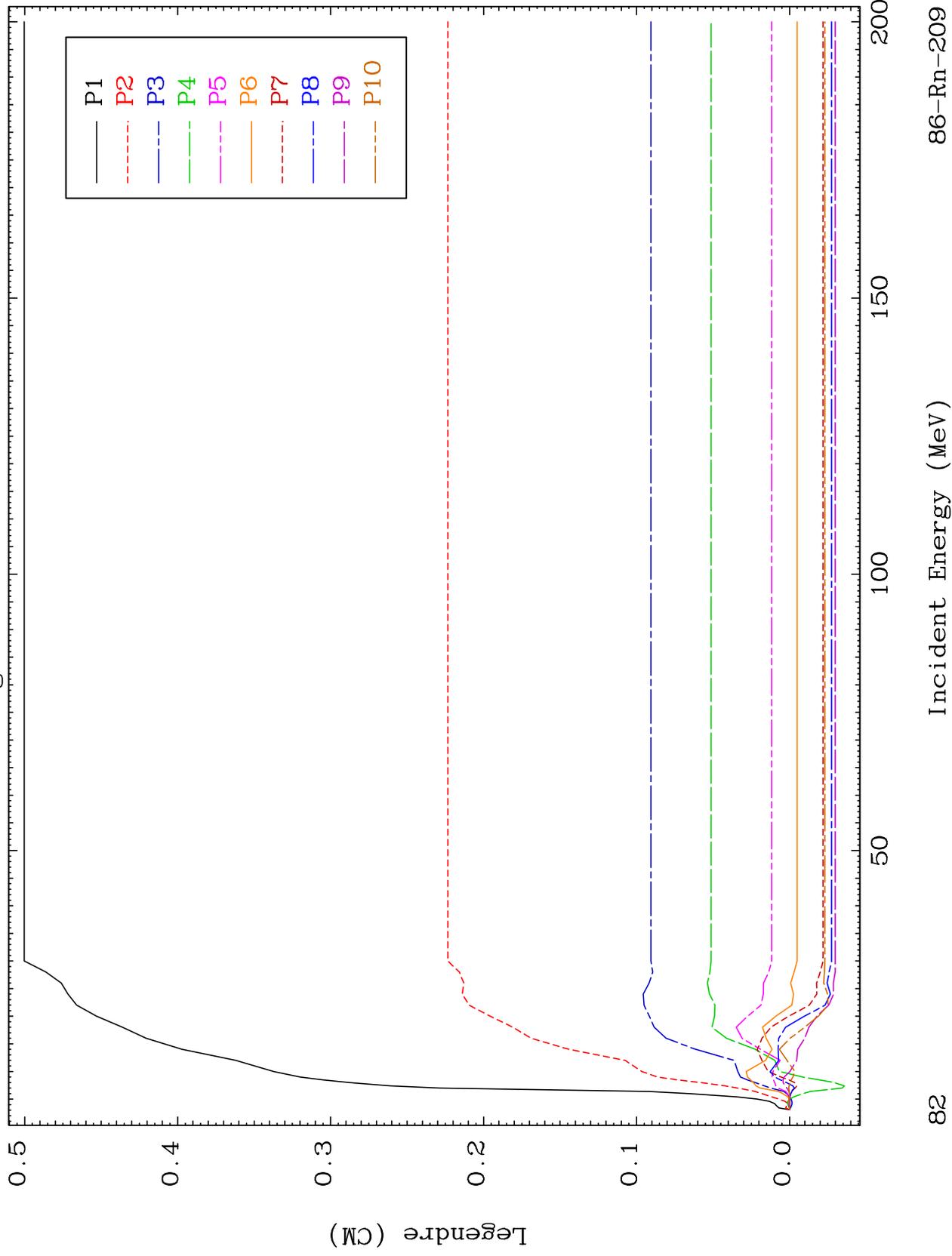
86-Rn-209



MAT 8619

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

86-Rn-209

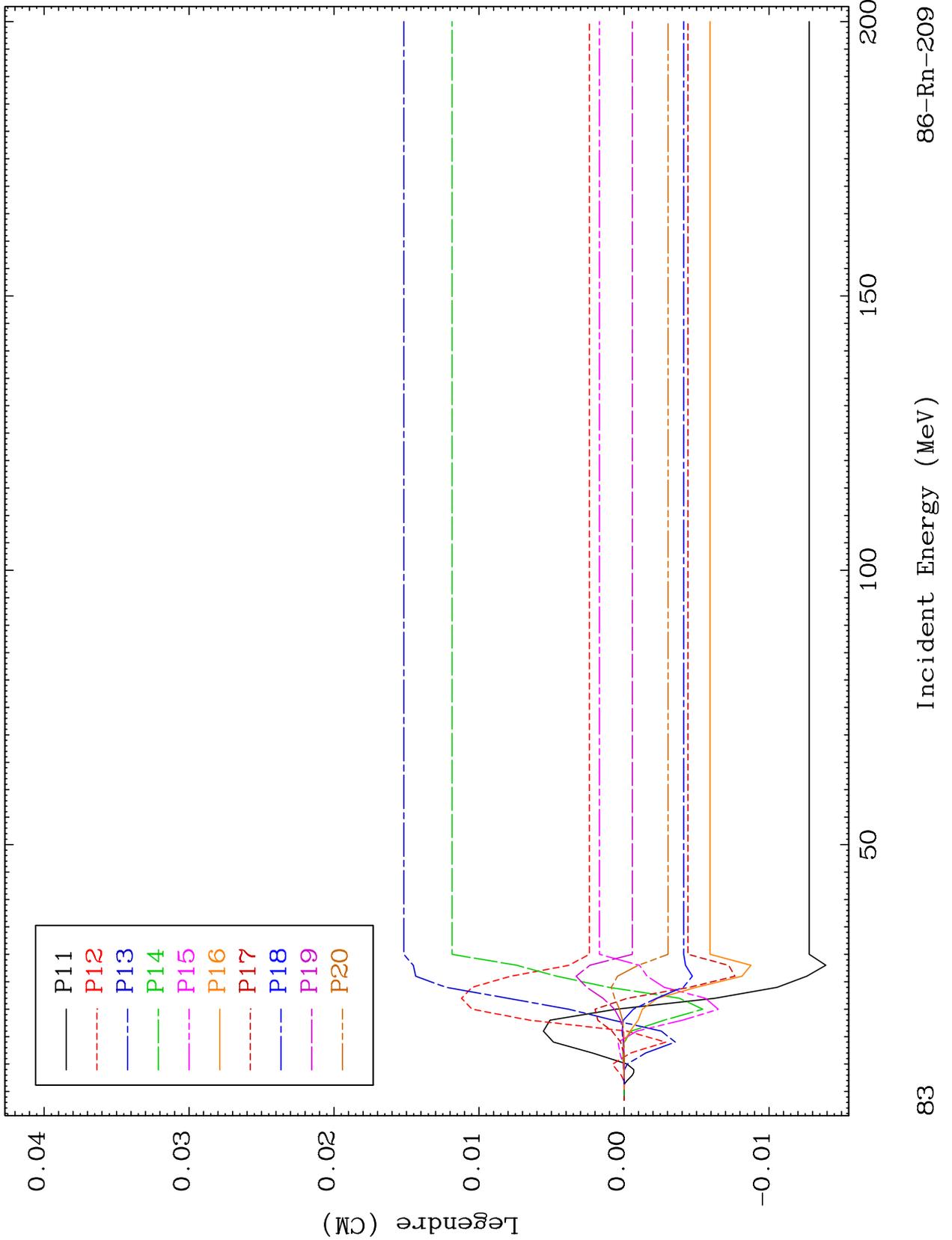


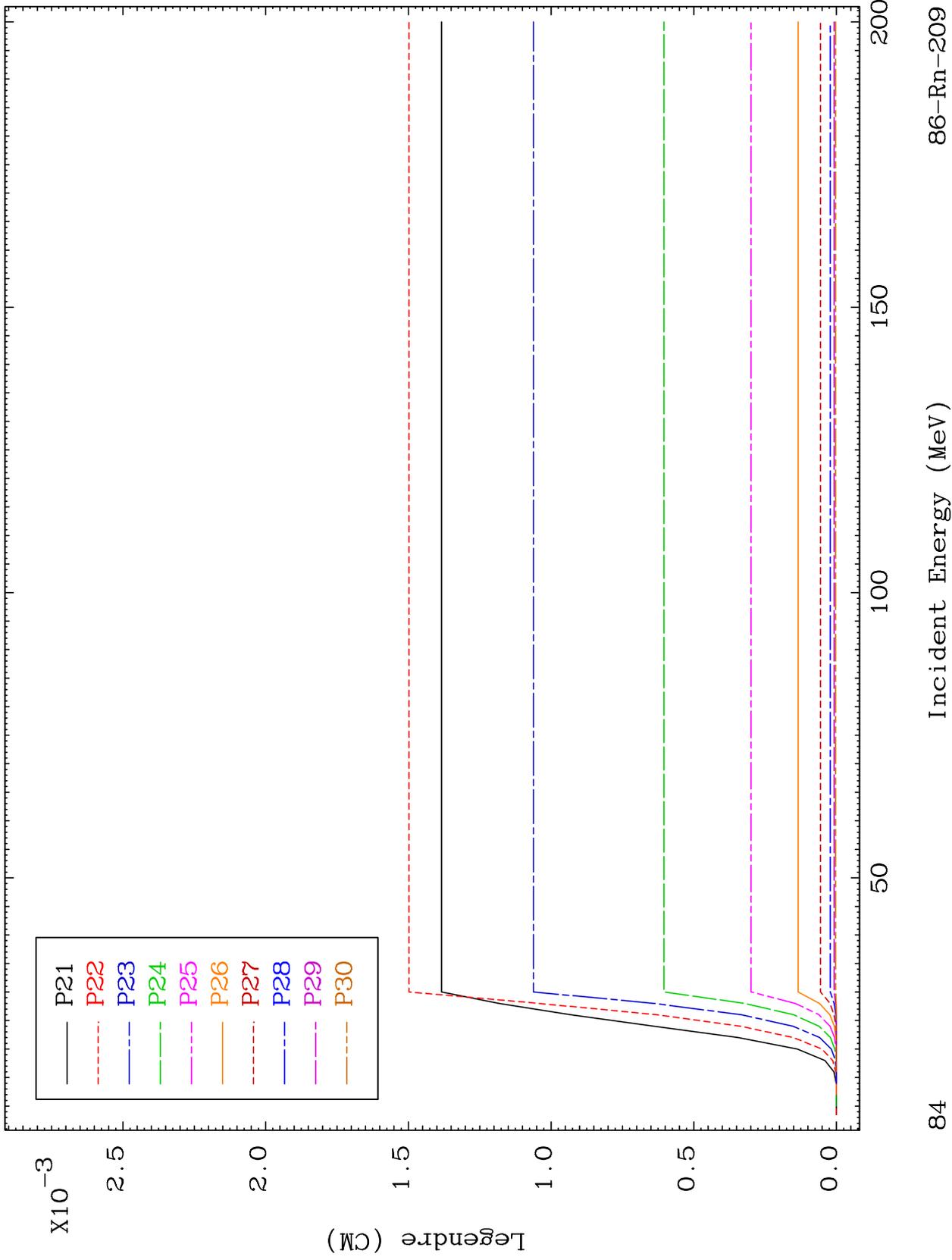
82

MAT 8619

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

86-Rn-209

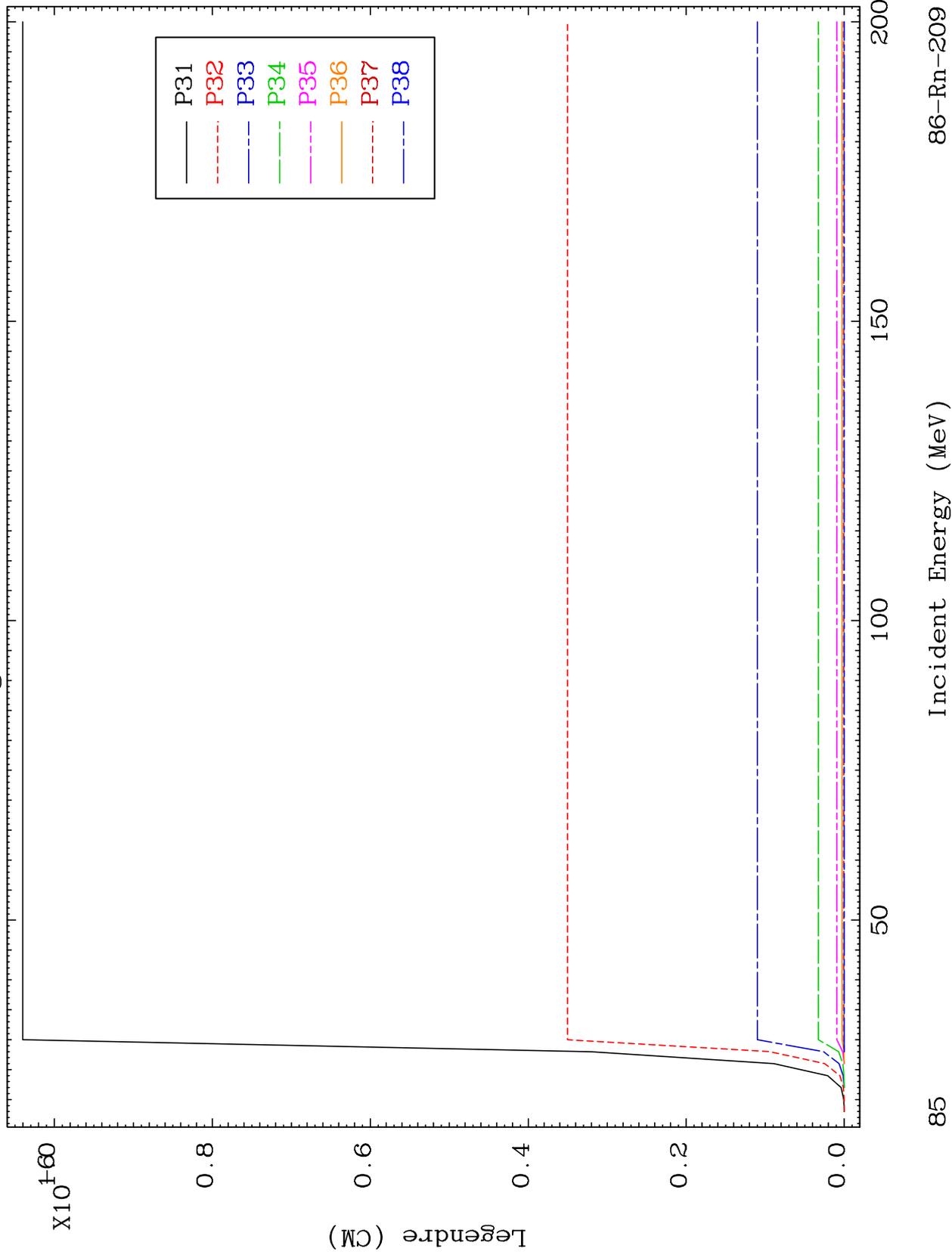




MAT 8619

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

86-Rn-209

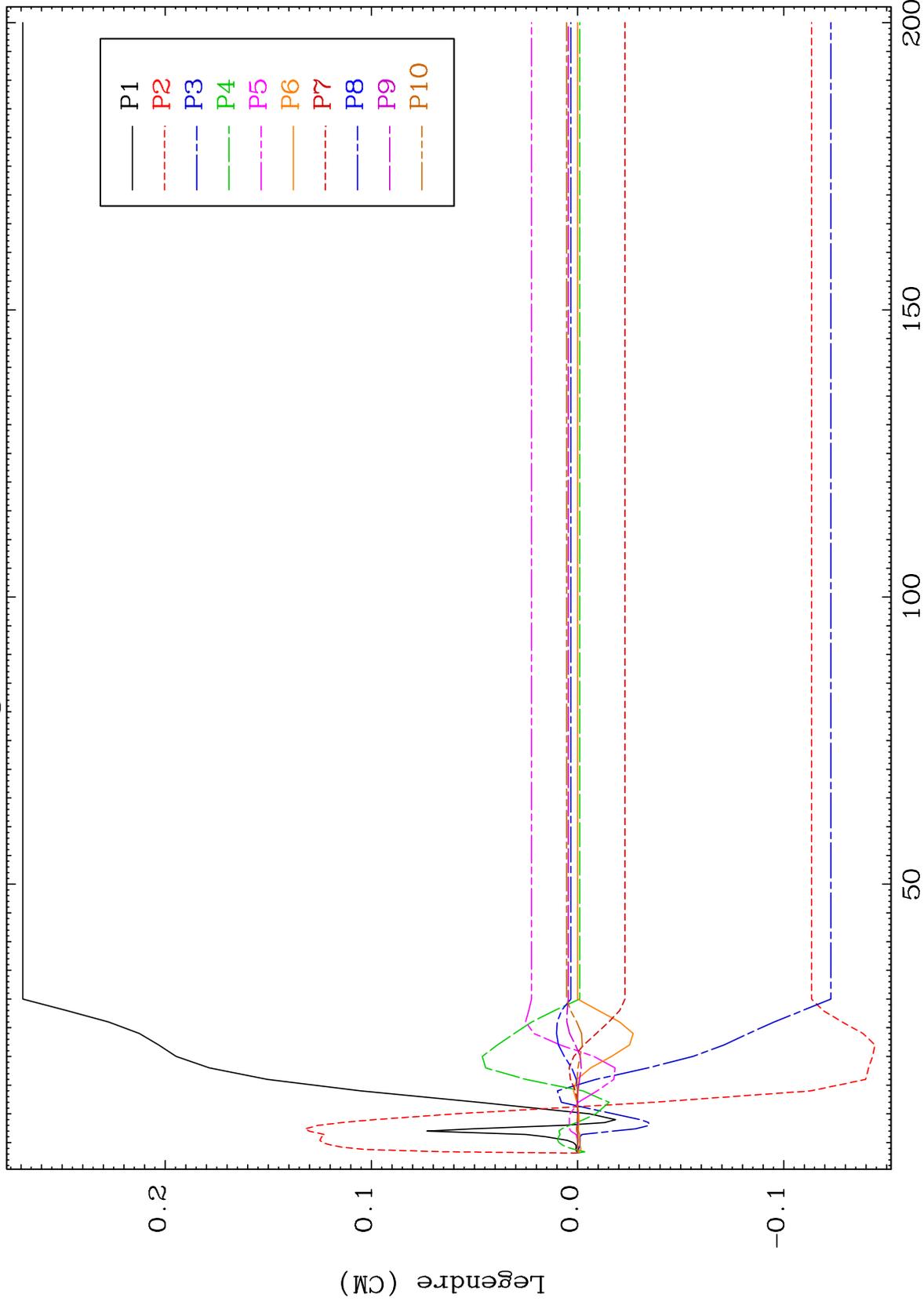


85

MAT 8619

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

86-Rn-209



86

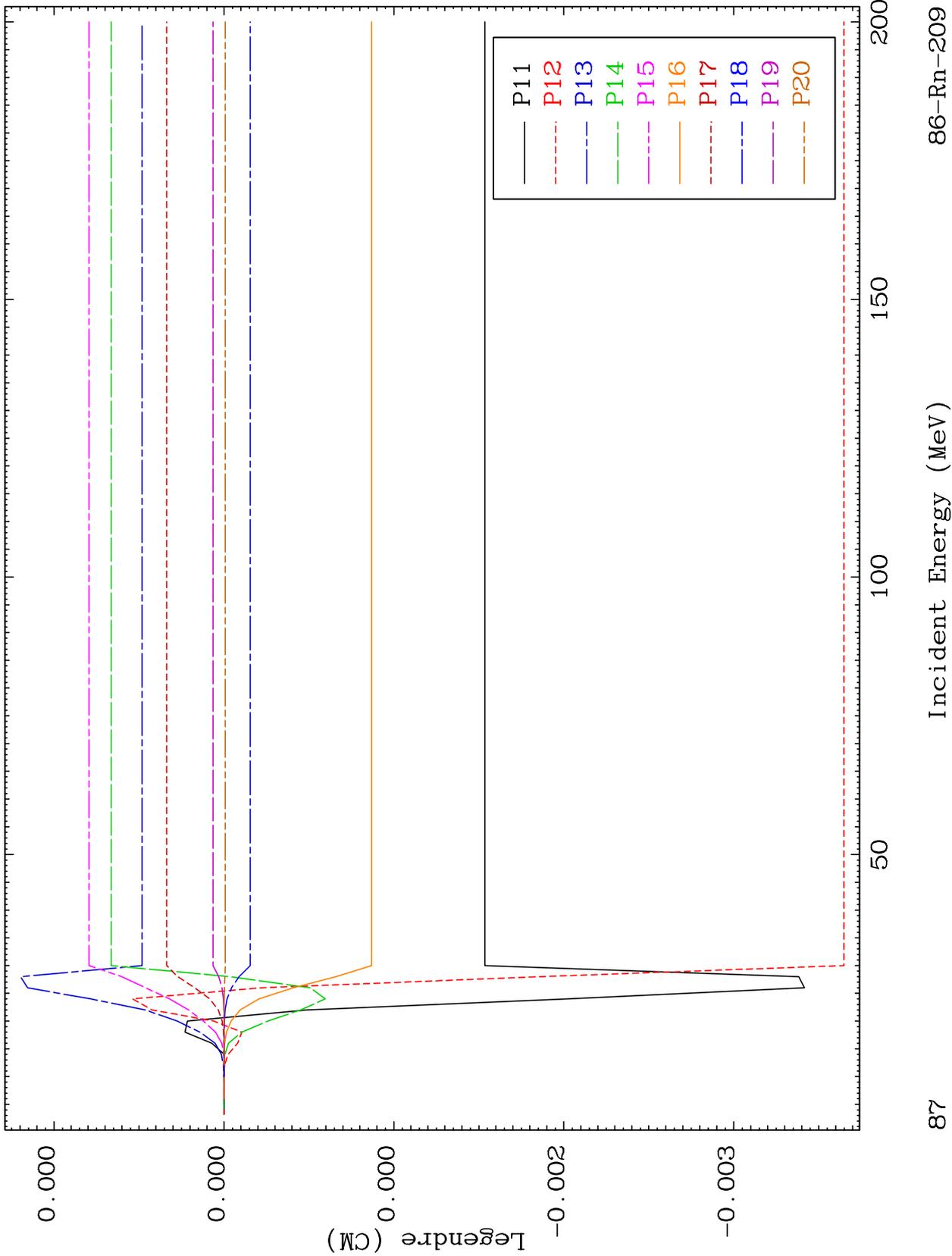
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

86-Rn-209



87

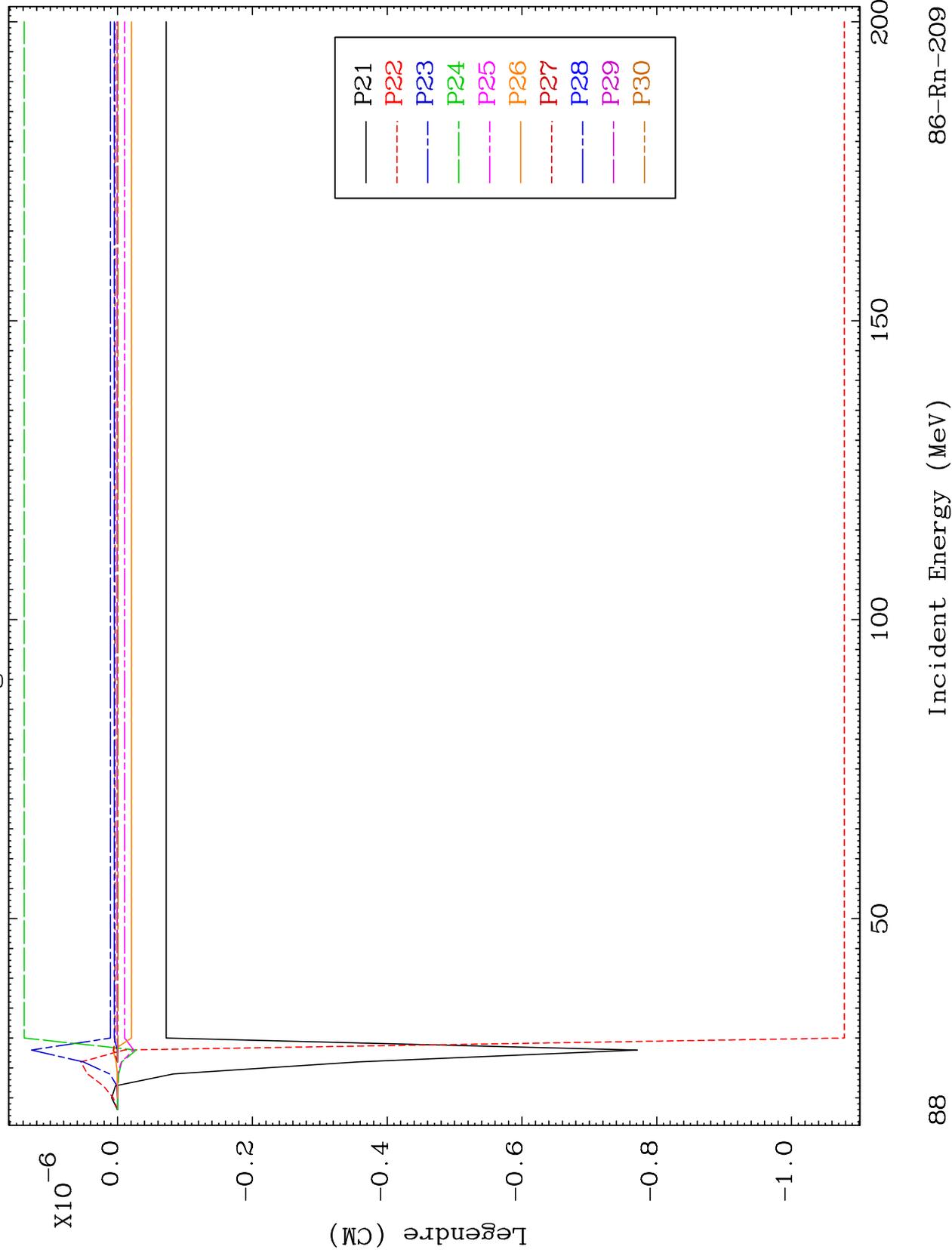
Incident Energy (MeV)

86-Rn-209

MAT 8619

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

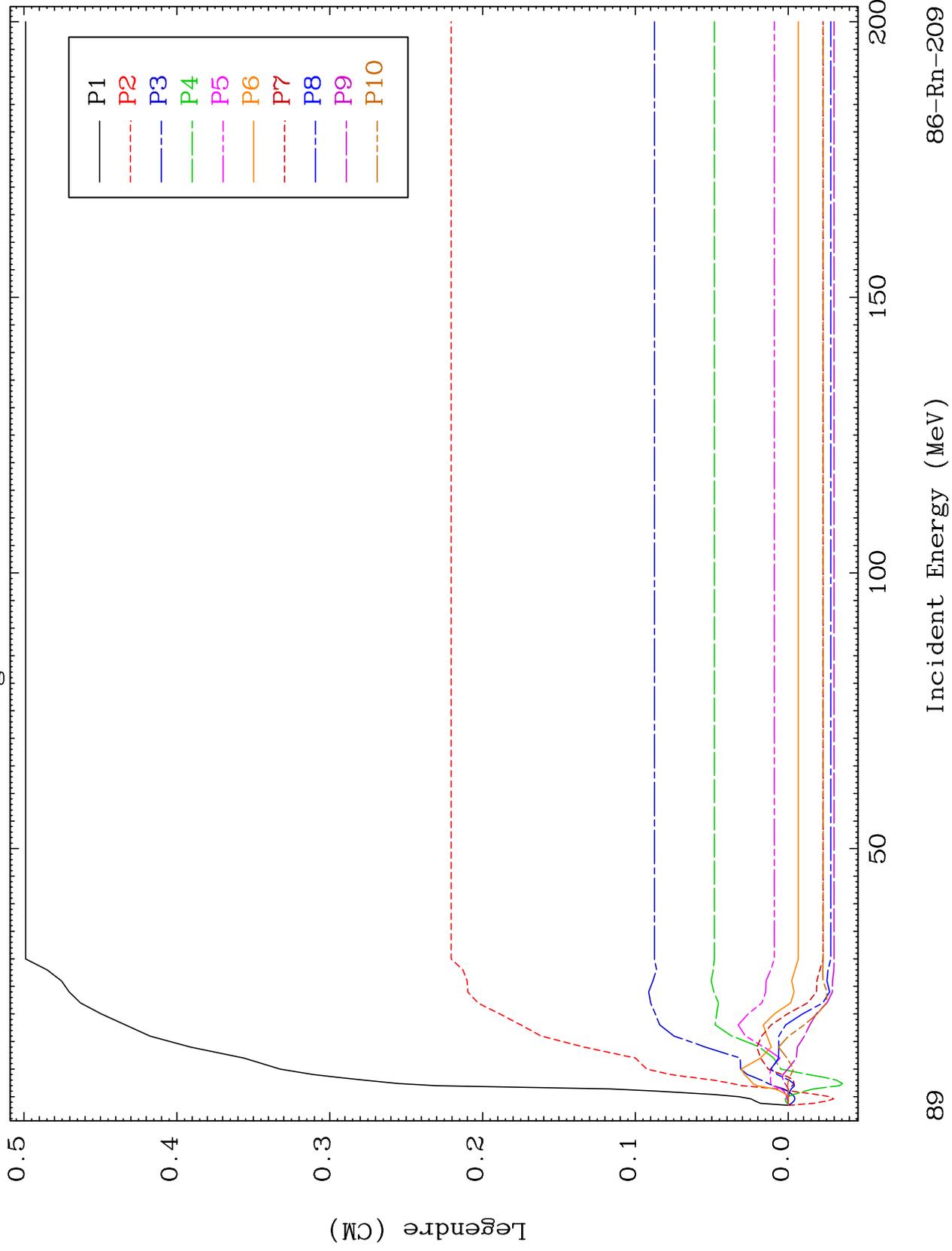
86-Rn-209



MAT 8619

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

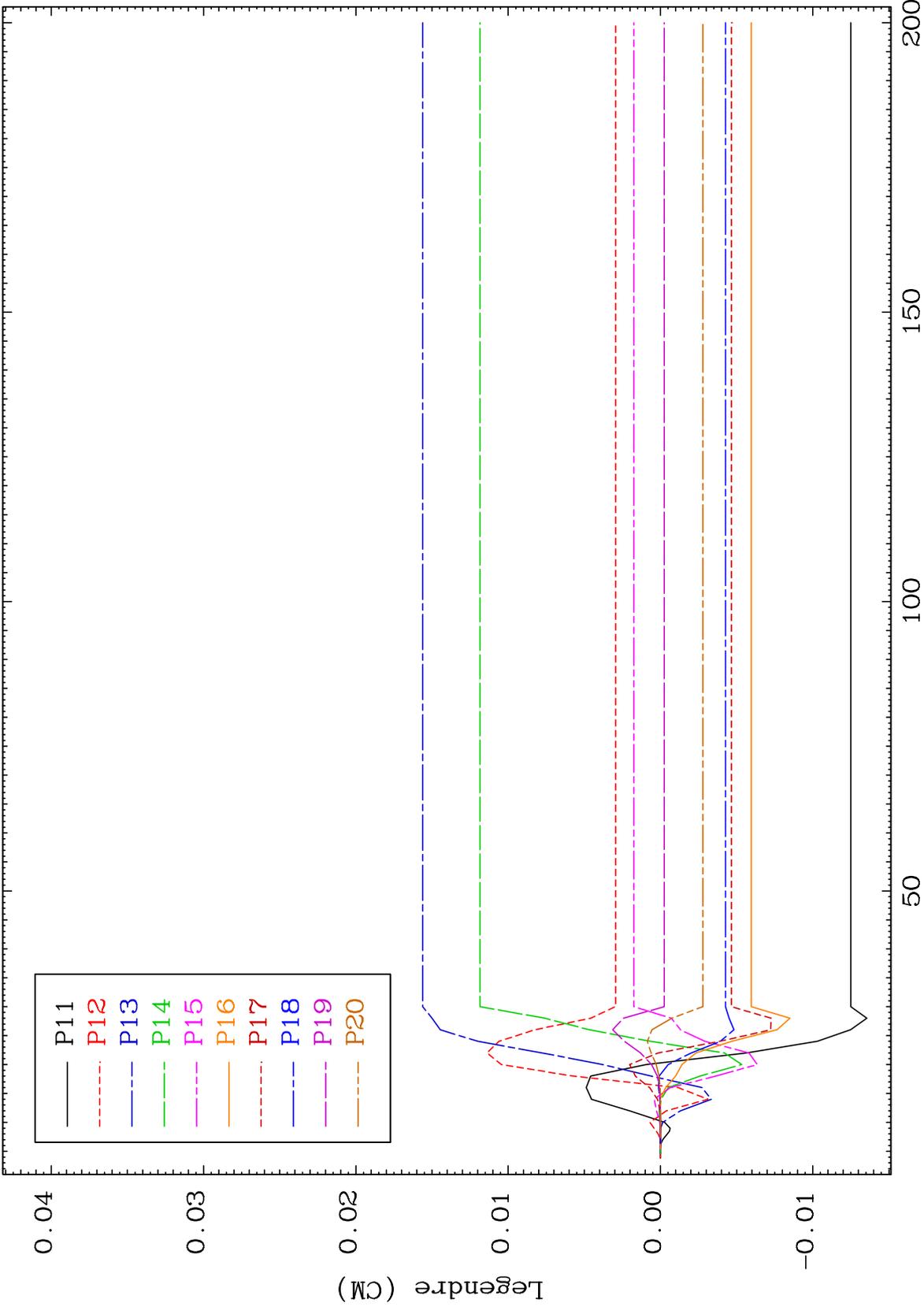
86-Rn-209



MAT 8619

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

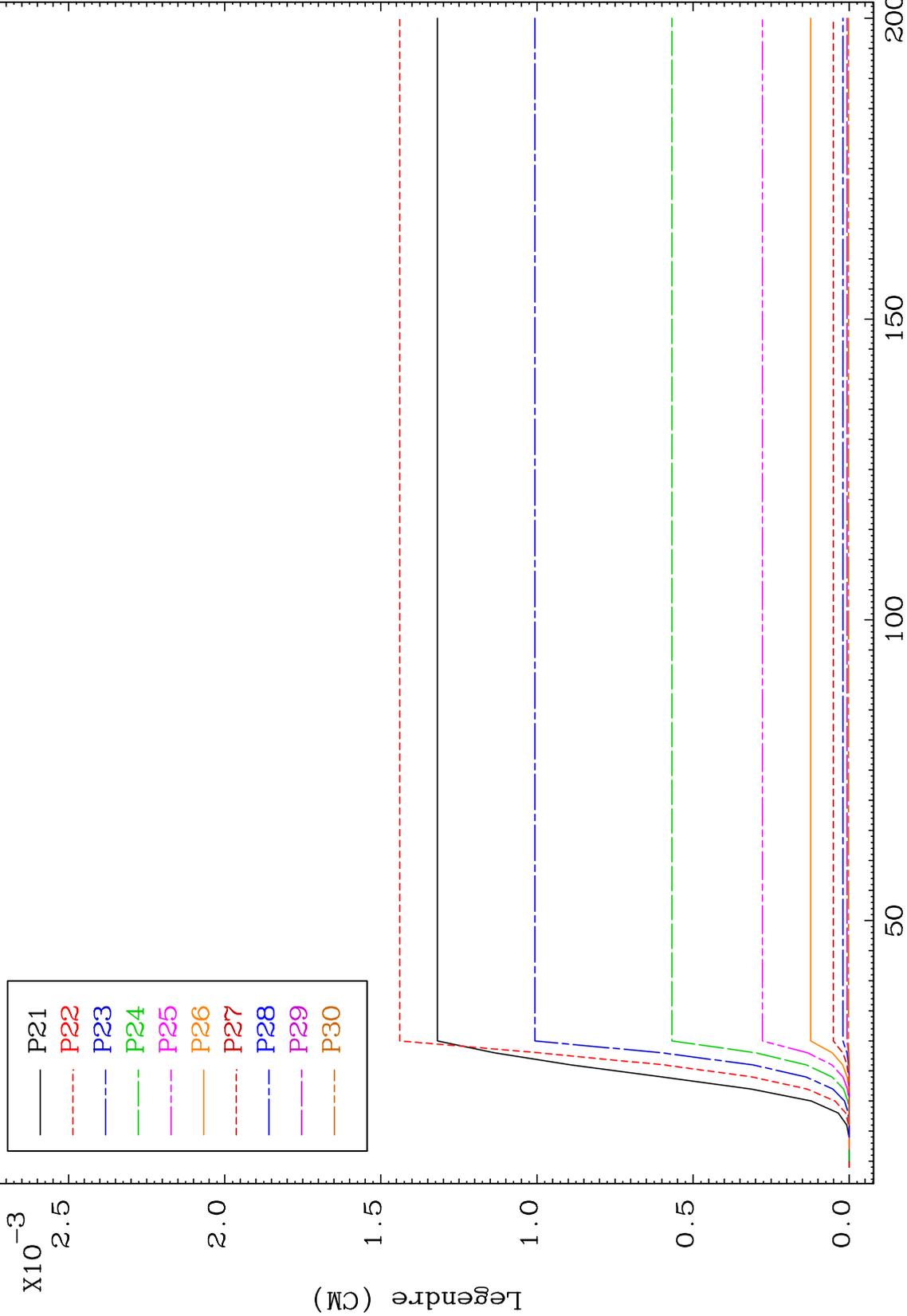
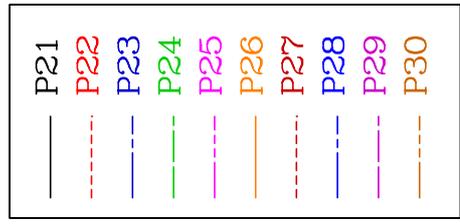
86-Rn-209



90

Incident Energy (MeV)

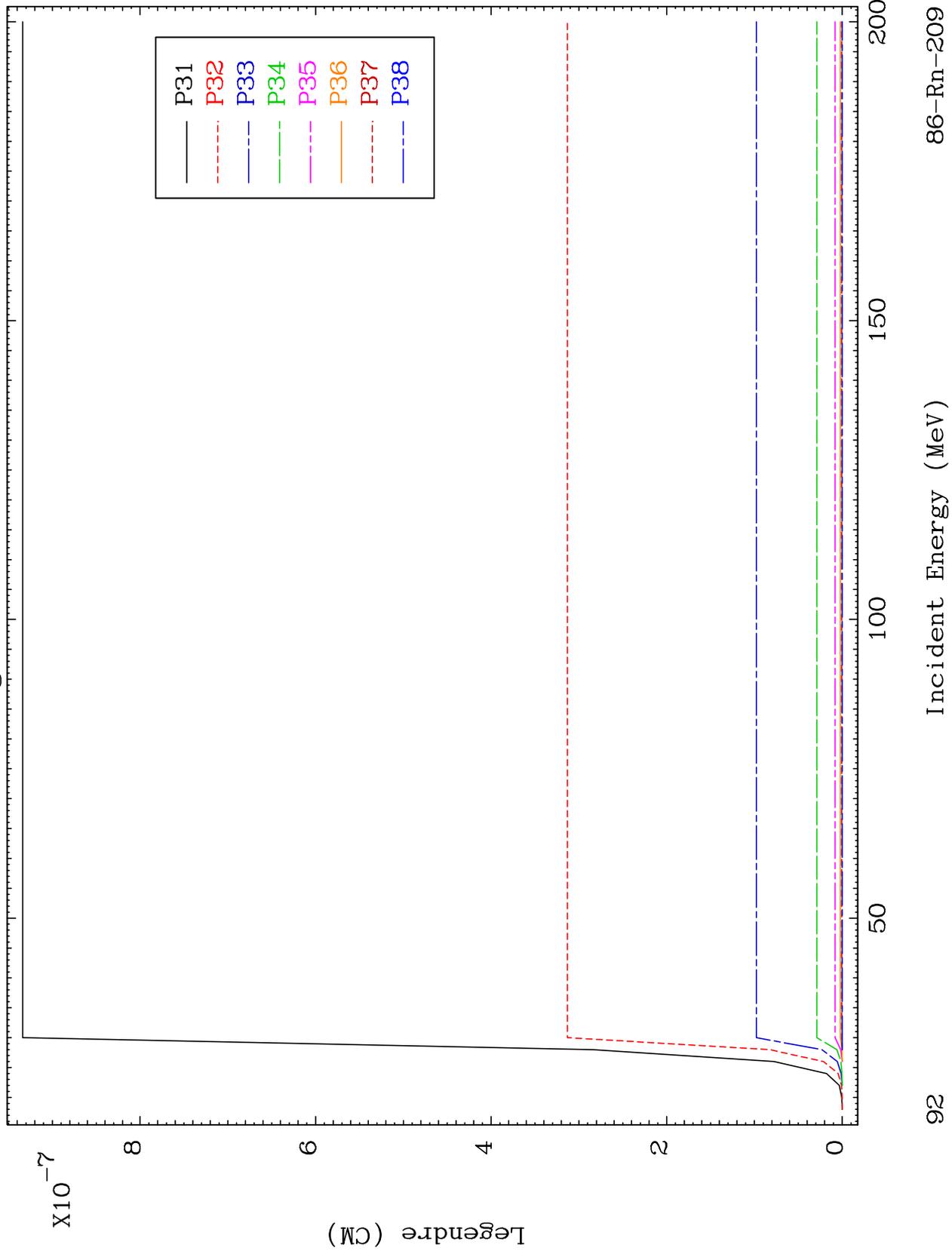
86-Rn-209



MAT 8619

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

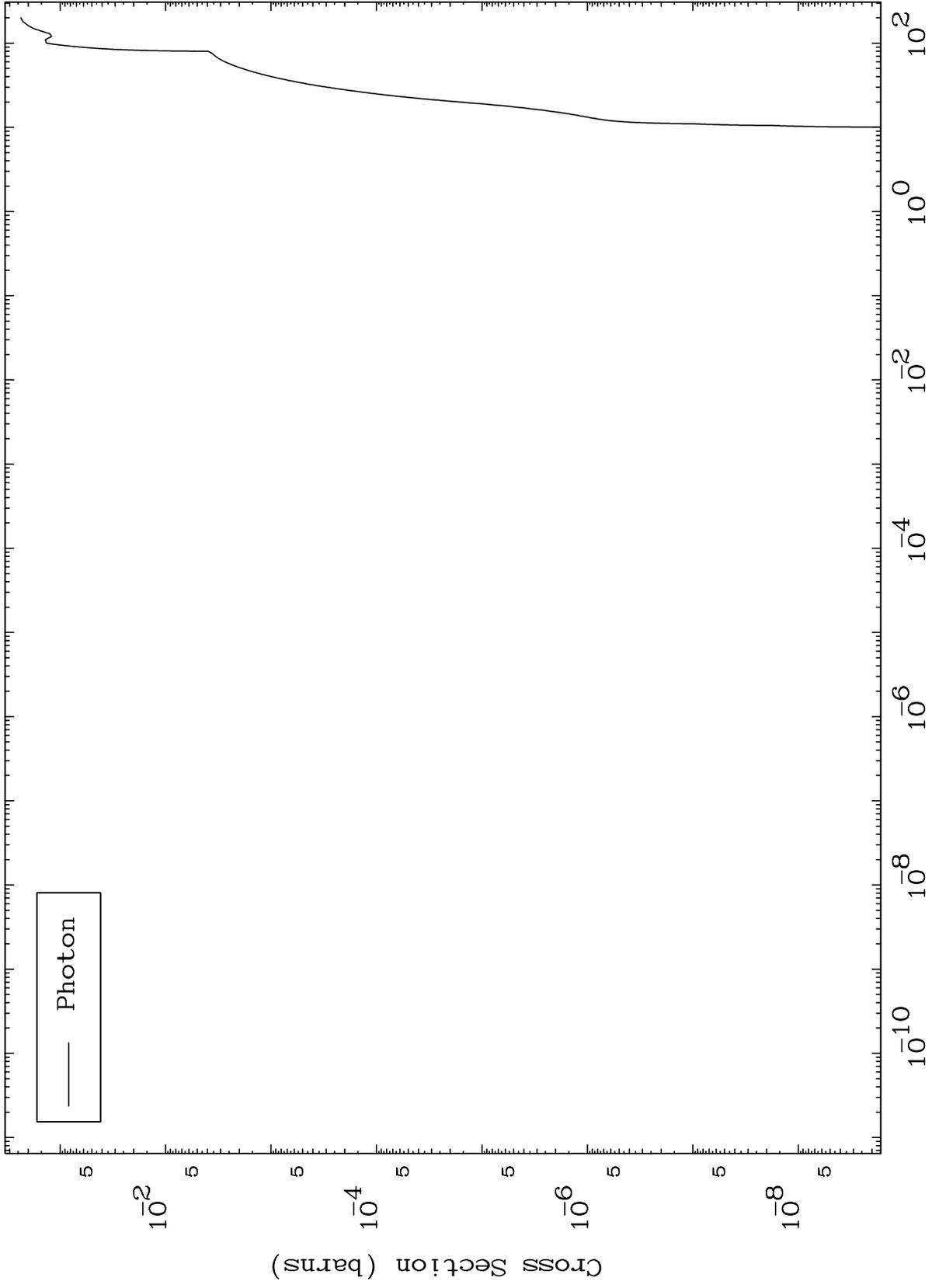
86-Rn-209



MAT 8619

Fission  
Radionuclide Production Cross Section

86-Rn-209



93

Incident Energy (MeV)

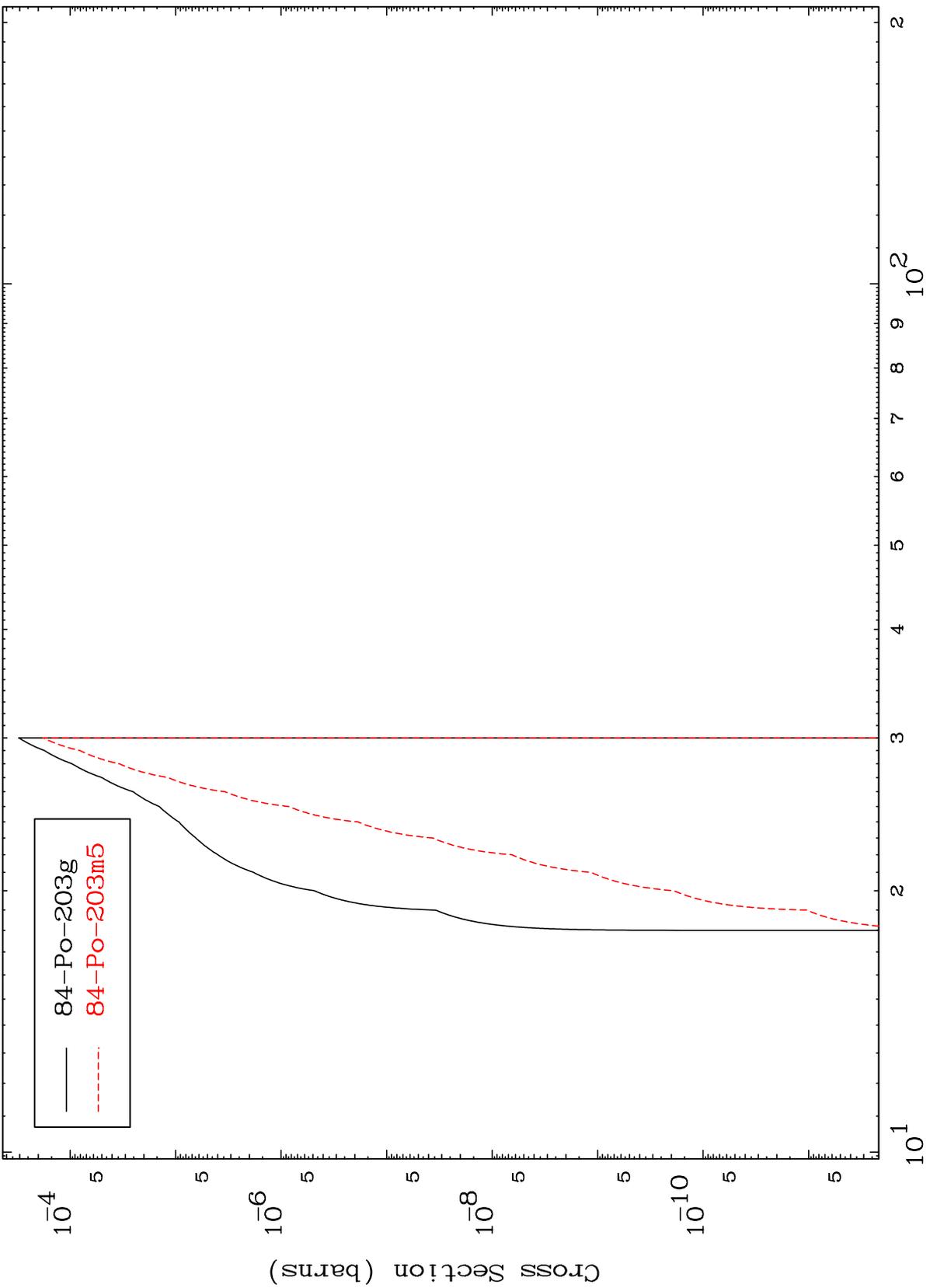
86-Rn-209

MAT 8619

(n,3n)  $\alpha$

86-Rn-209

Radionuclide Production Cross Section



84-Po-203g  
84-Po-203m5

94

Incident Energy (MeV)

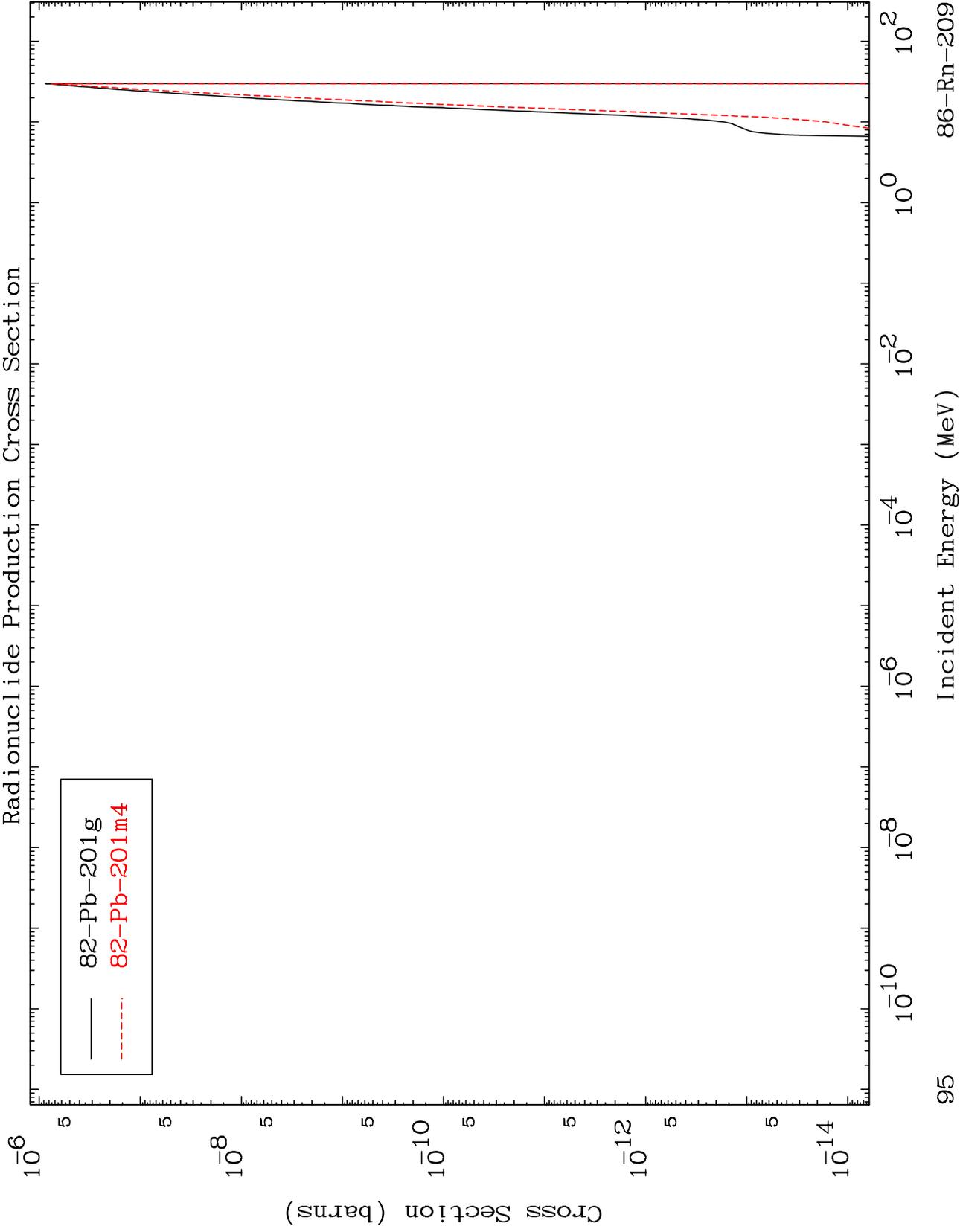
86-Rn-209

MAT 8619

(n,n') 2 $\alpha$

86-Rn-209

Radionuclide Production Cross Section



95

Incident Energy (MeV)

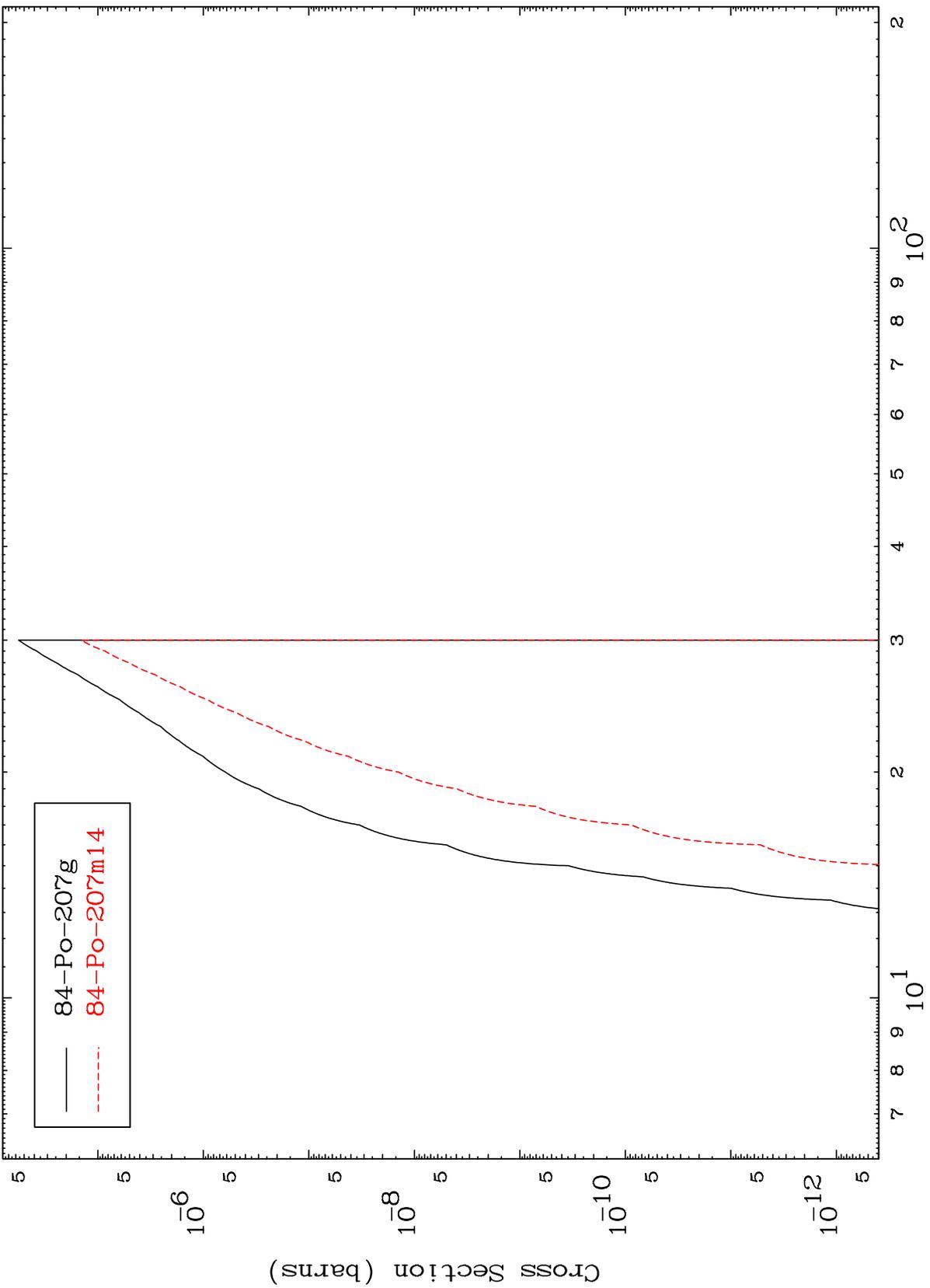
86-Rn-209

MAT 8619

(n,2n) p

86-Rn-209

Radionuclide Production Cross Section



84-Po-207g  
84-Po-207m14

96

Incident Energy (MeV)

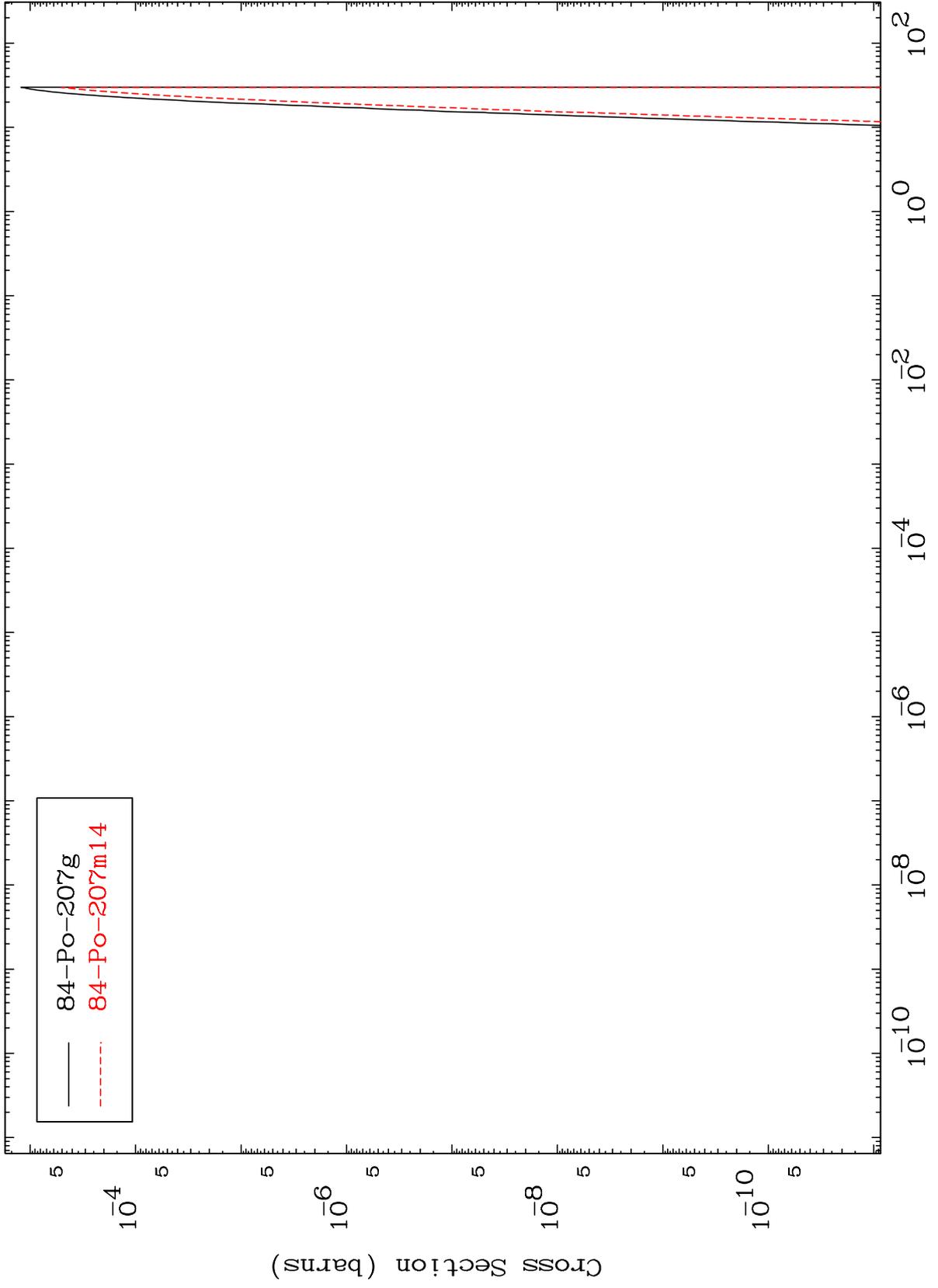
86-Rn-209

MAT 8619

(n,He-3)

86-Rn-209

Radionuclide Production Cross Section

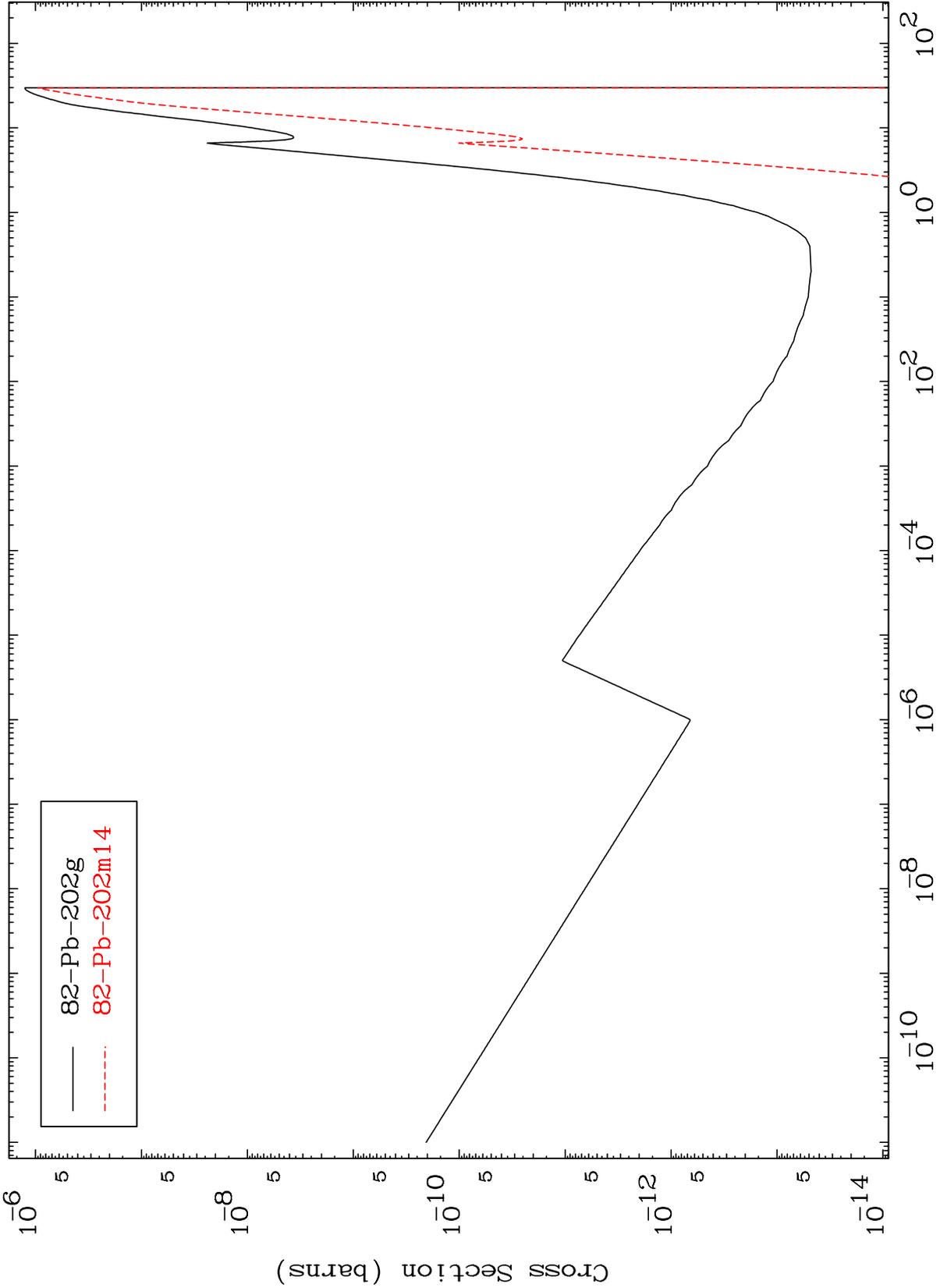


MAT 8619

(n,2α)

86-Rn-209

Radionuclide Production Cross Section



82-Pb-202g  
82-Pb-202m14

Incident Energy (MeV)

86-Rn-209

98

Radionuclide Production Cross Section

