

Program EVALPLOT  
(Version 2018-1)

by

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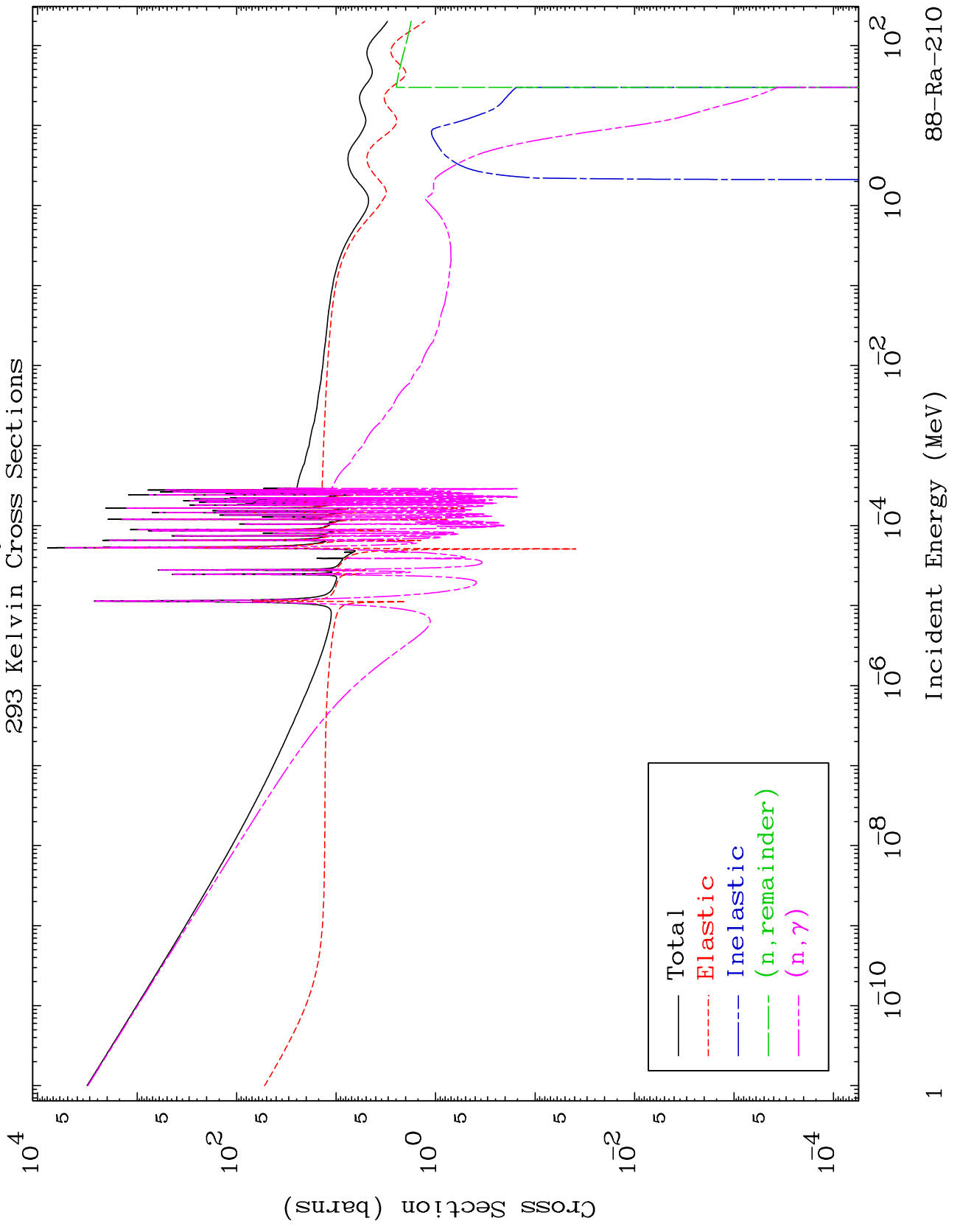
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8786

Major  
293 Kelvin Cross Sections

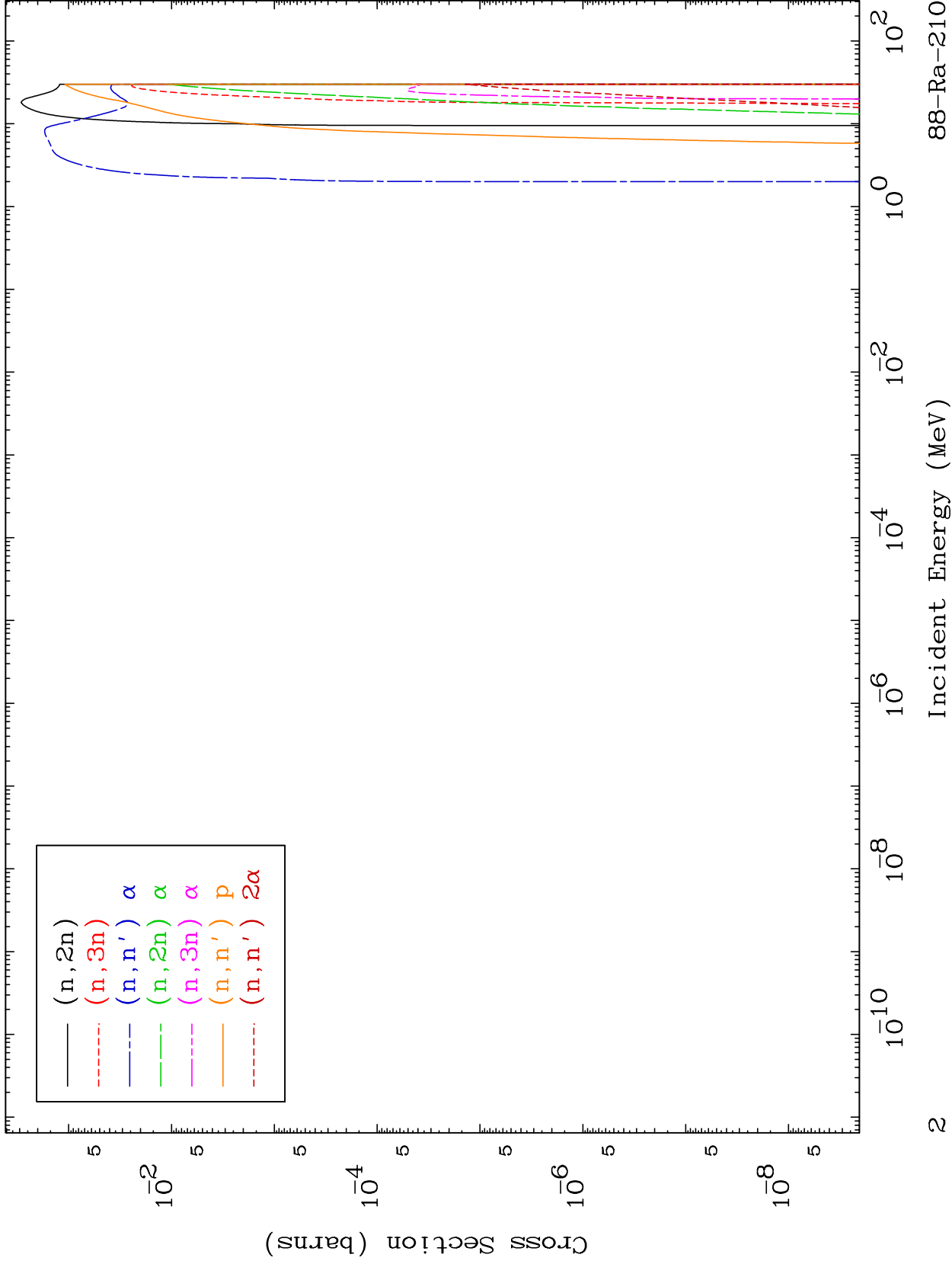
88-Ra-210



MAT 8786

Neutron Production  
293 Kelvin Cross Sections

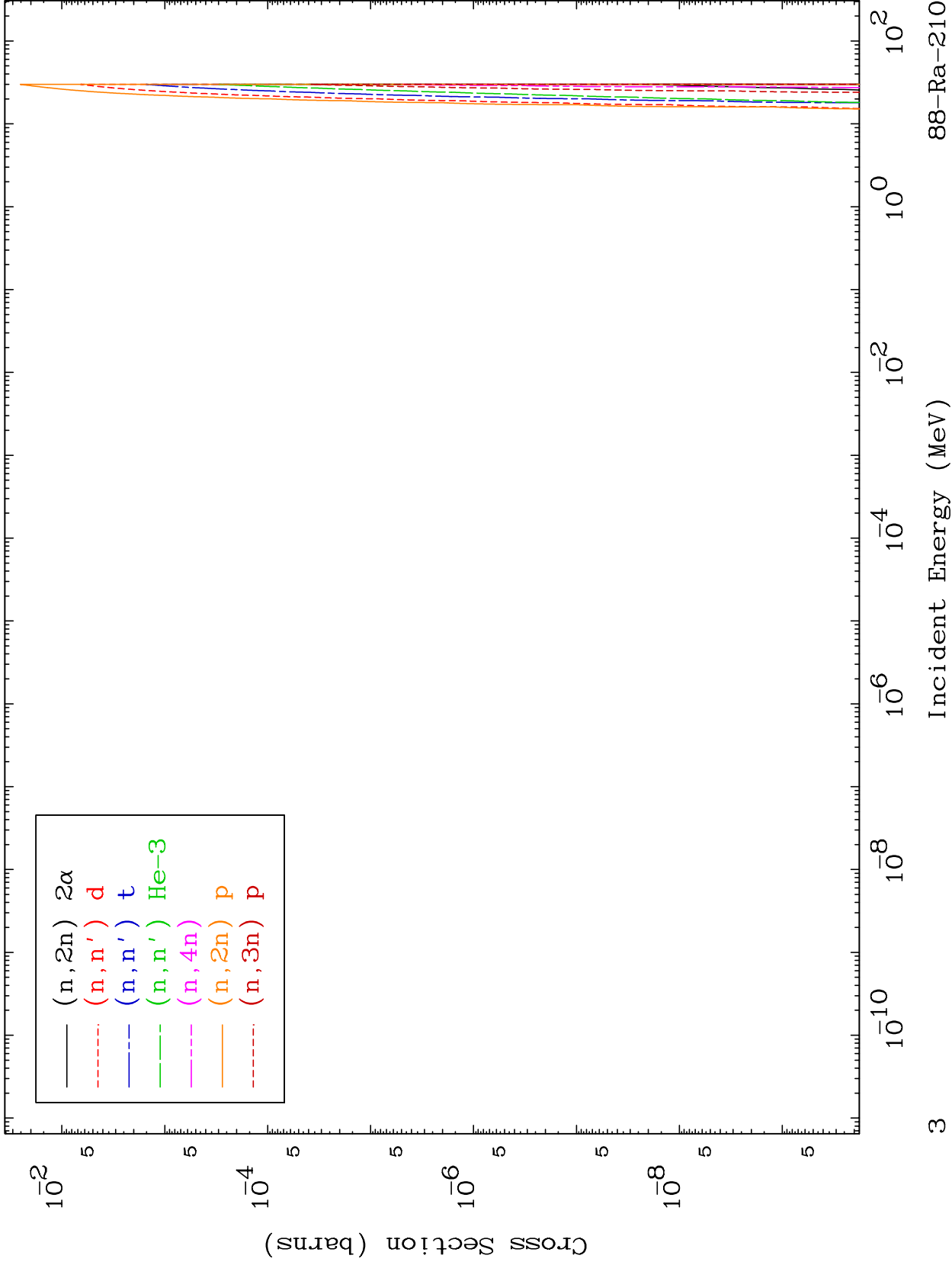
88-Ra-210



MAT 8786

Neutron Production  
293 Kelvin Cross Sections

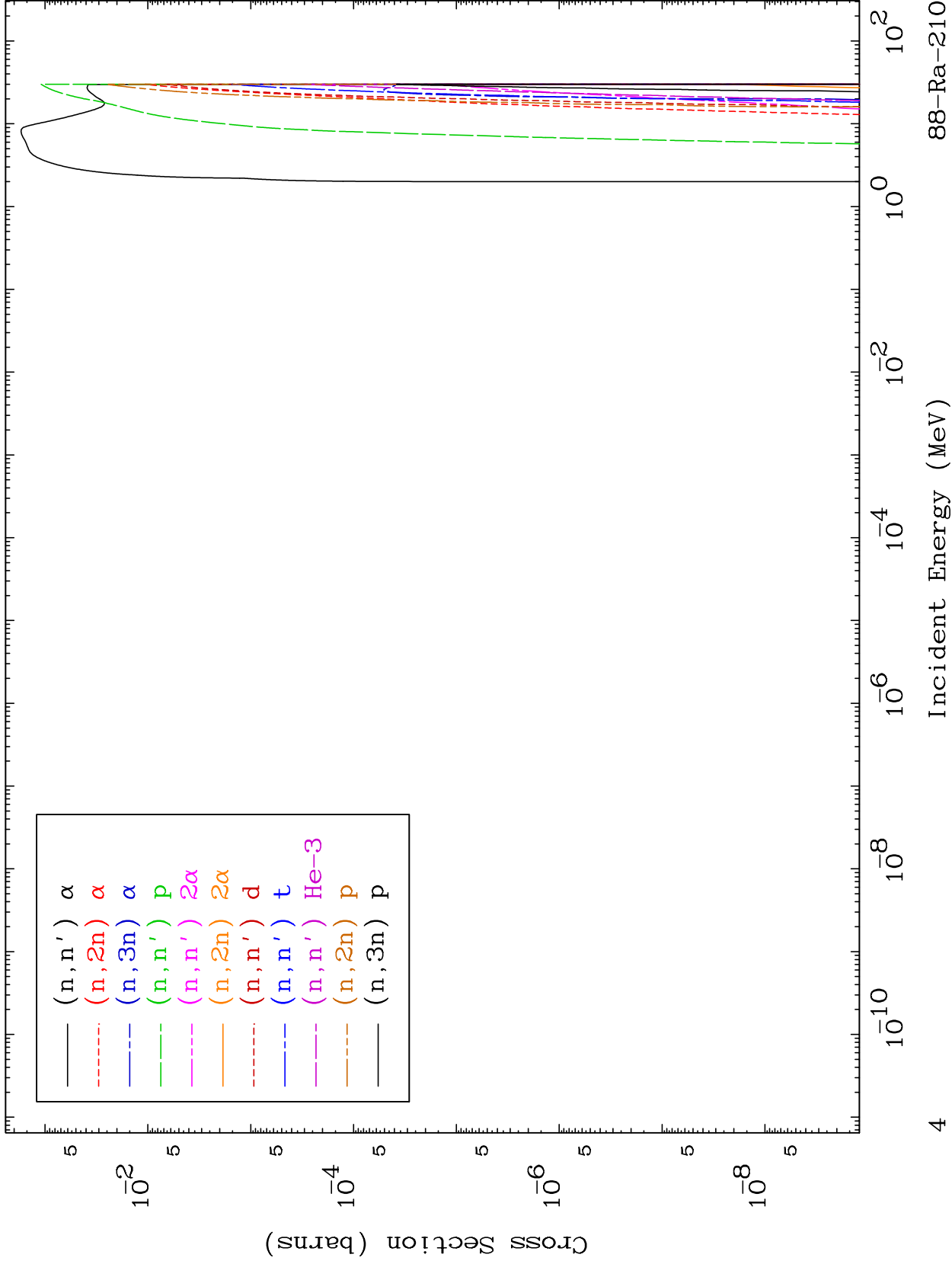
88-Ra-210

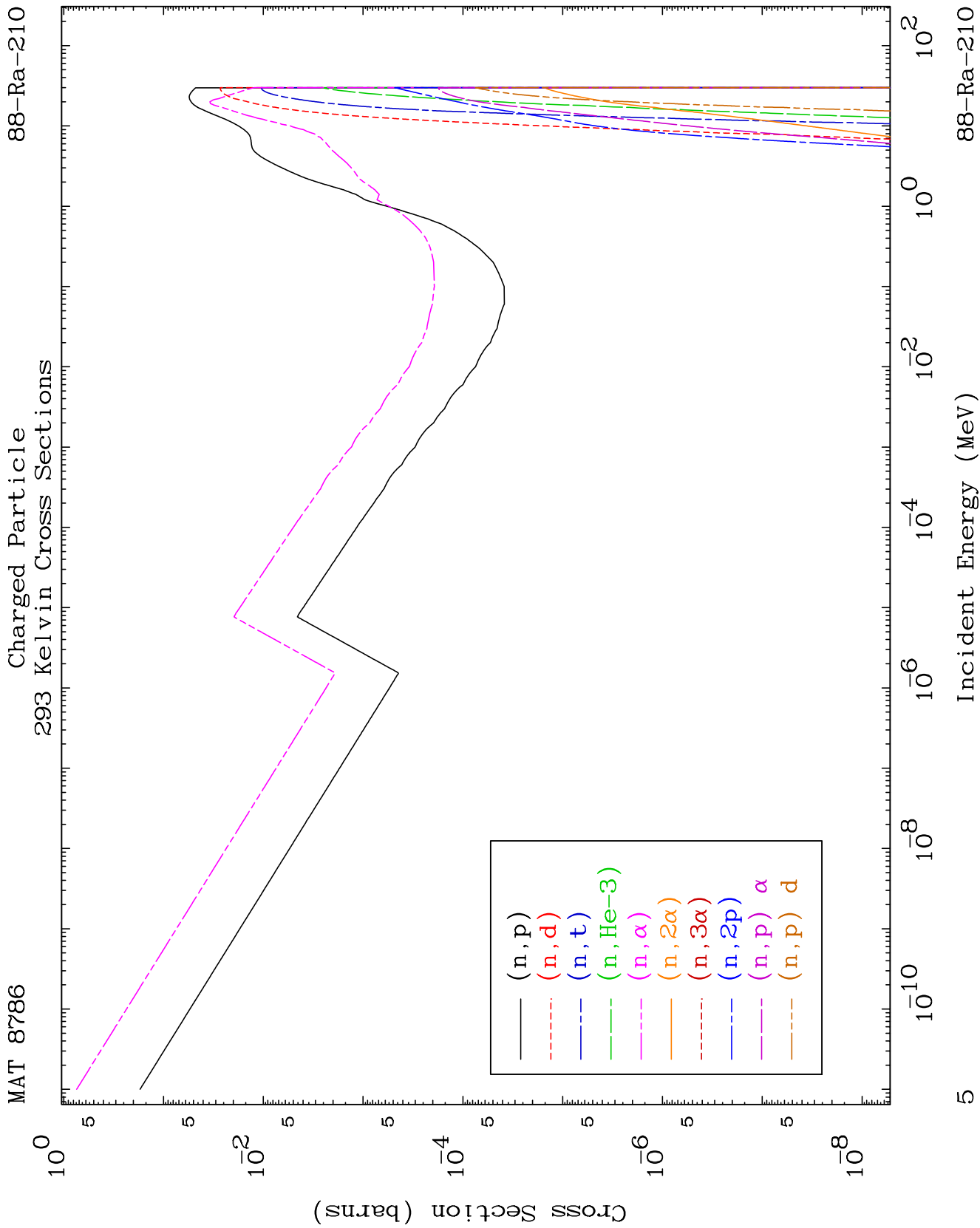


MAT 8786

Charged Particle  
293 Kelvin Cross Sections

88-Ra-210

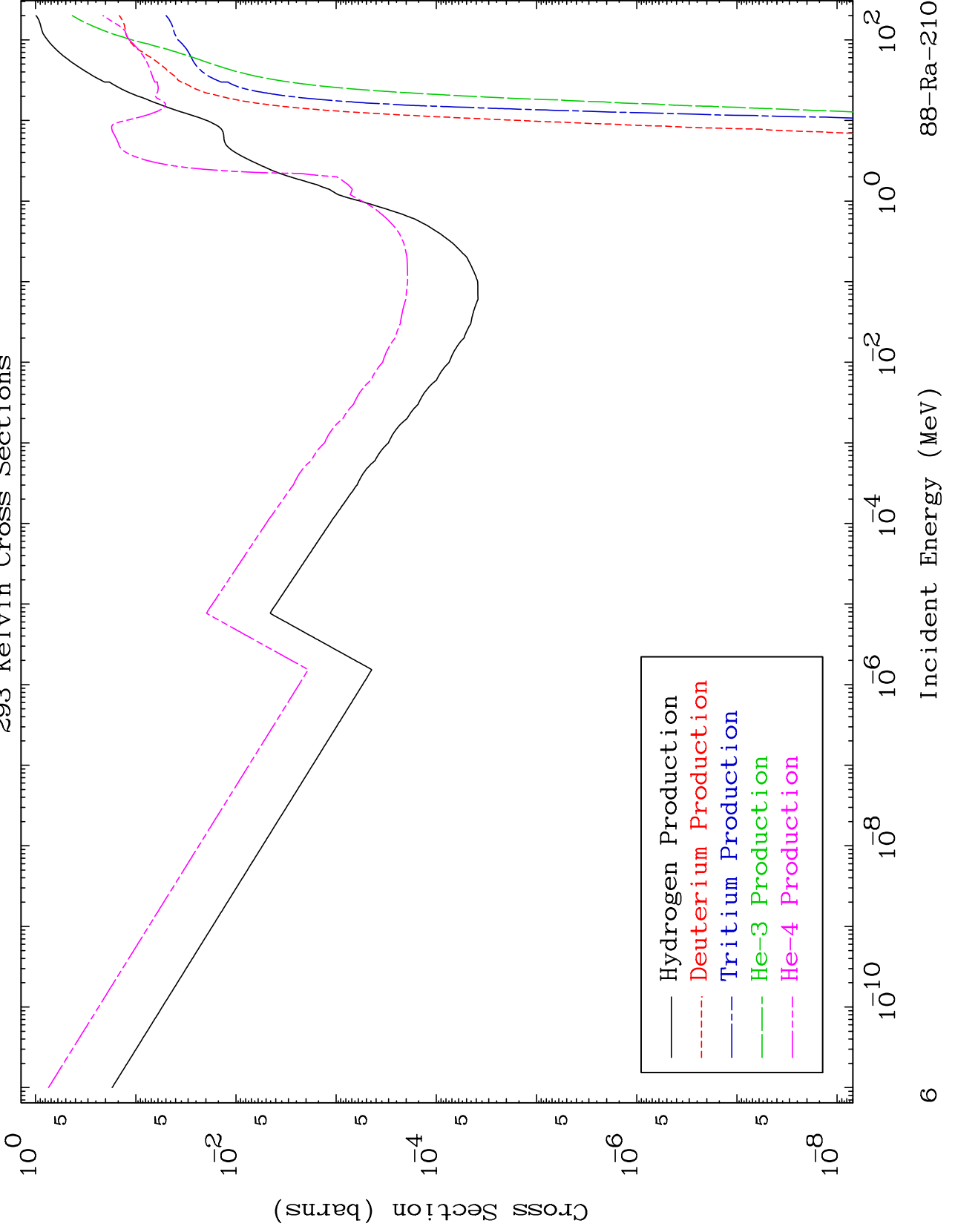




MAT 8786

Particle Production  
293 Kelvin Cross Sections

88-Ra-210

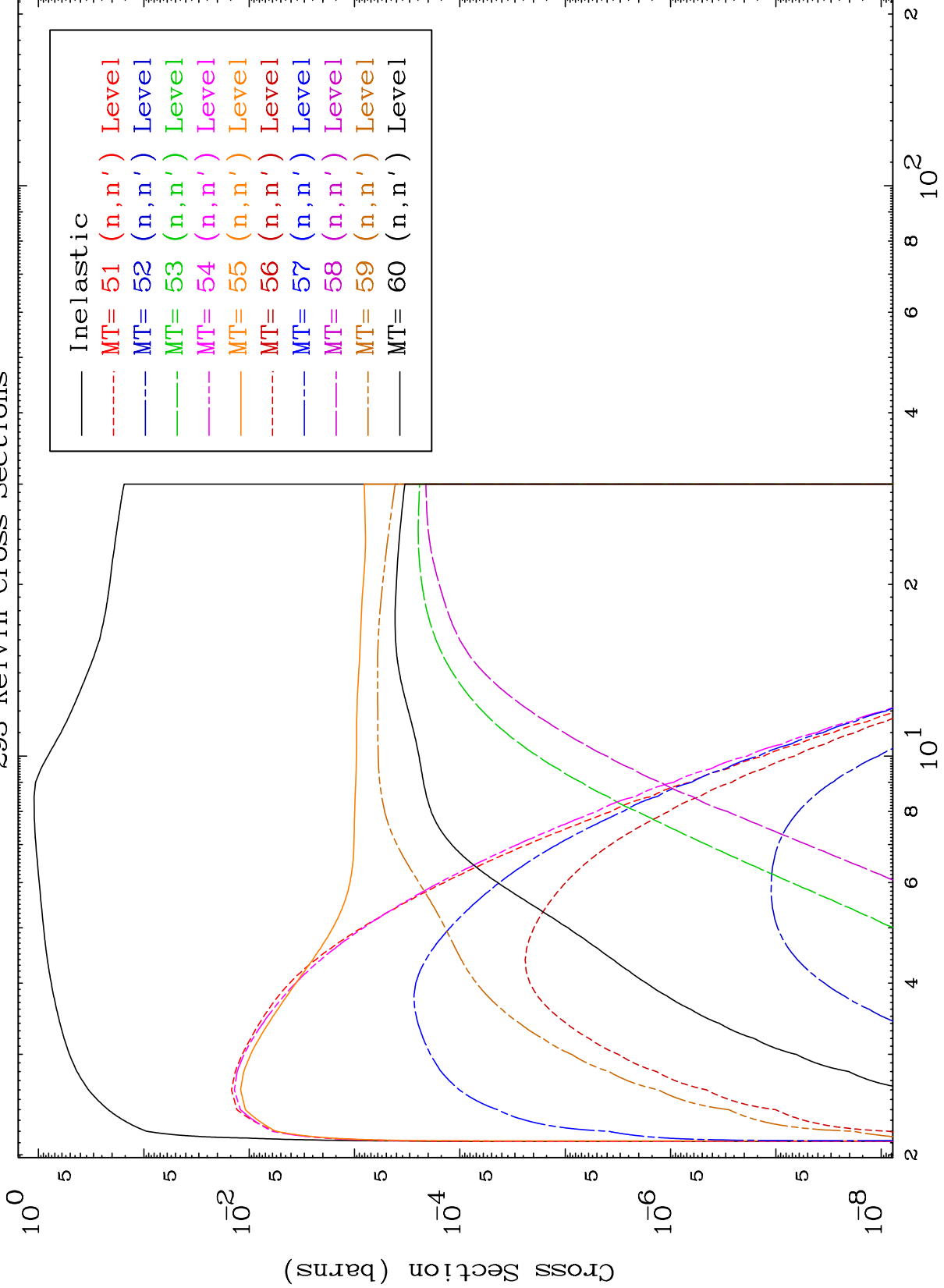


MAT 8786

(n,n') Level

88-Ra-210

293 Kelvin Cross Sections



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Incident Energy (MeV)

88-Ra-210

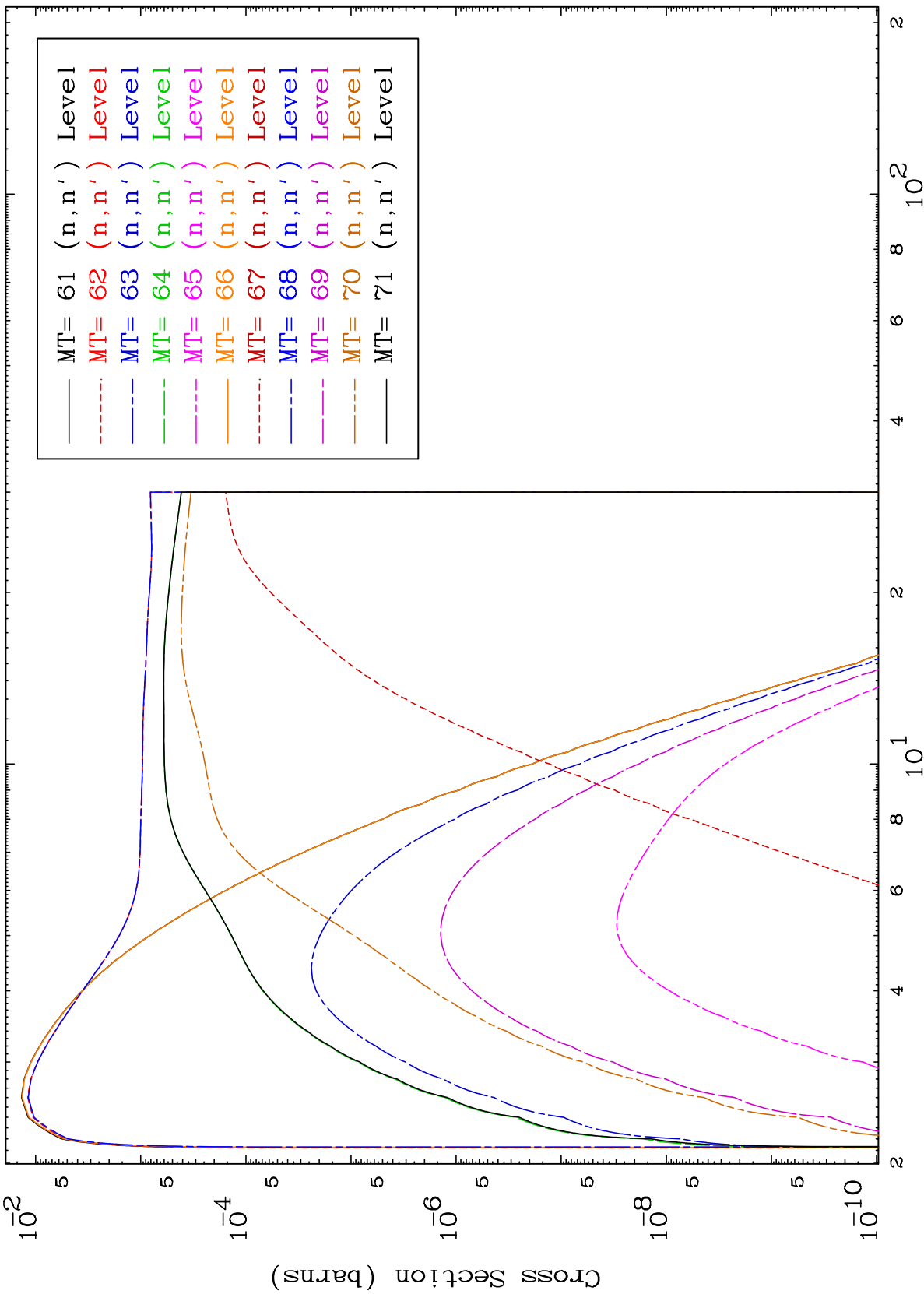


MAT 8786

(n,n') Level

88-Ra-210

293 Kelvin Cross Sections

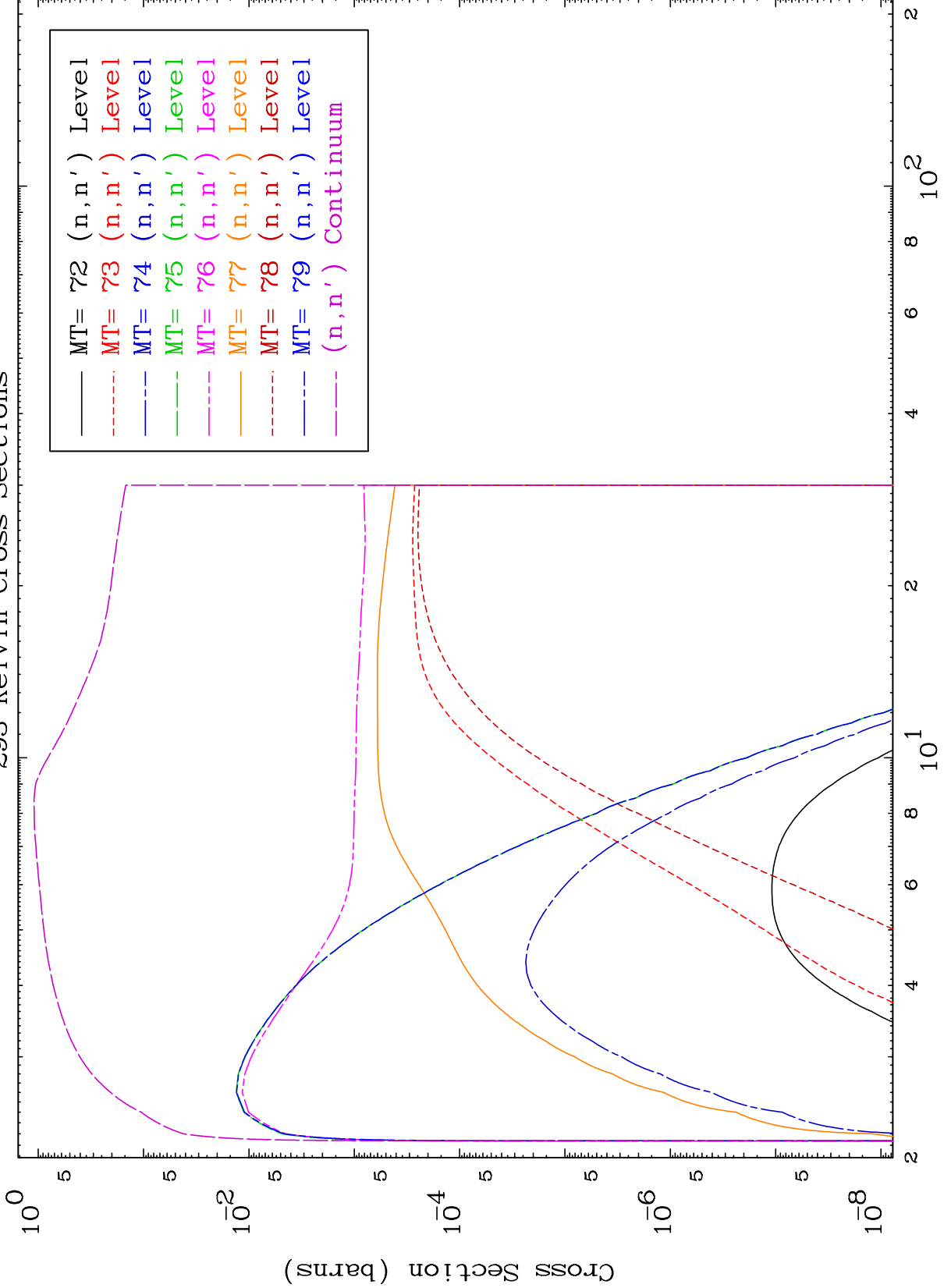


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Incident Energy (MeV)

88-Ra-210

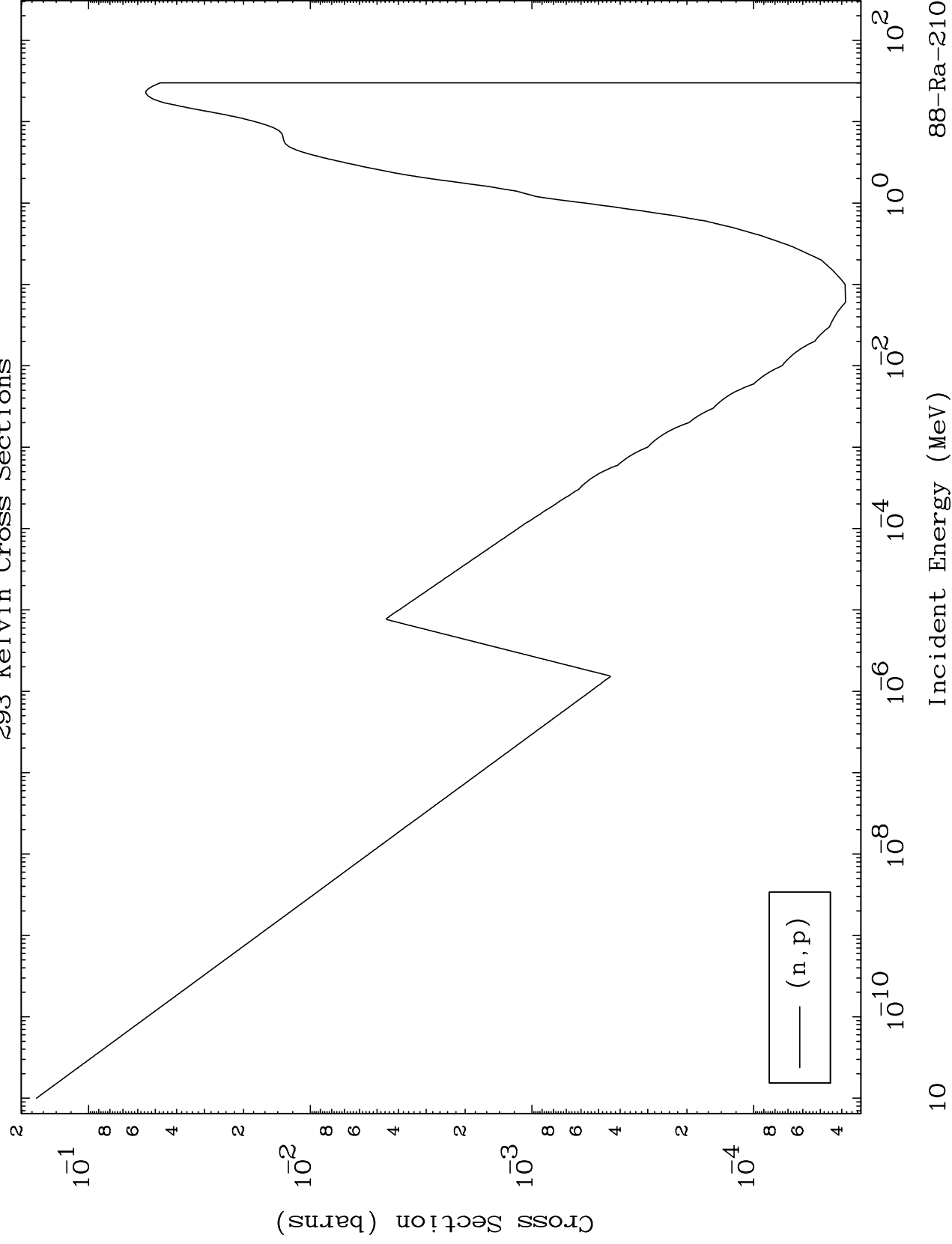
293 Kelvin Cross Sections



MAT 8786

(n,p) Levels  
293 Kelvin Cross Sections

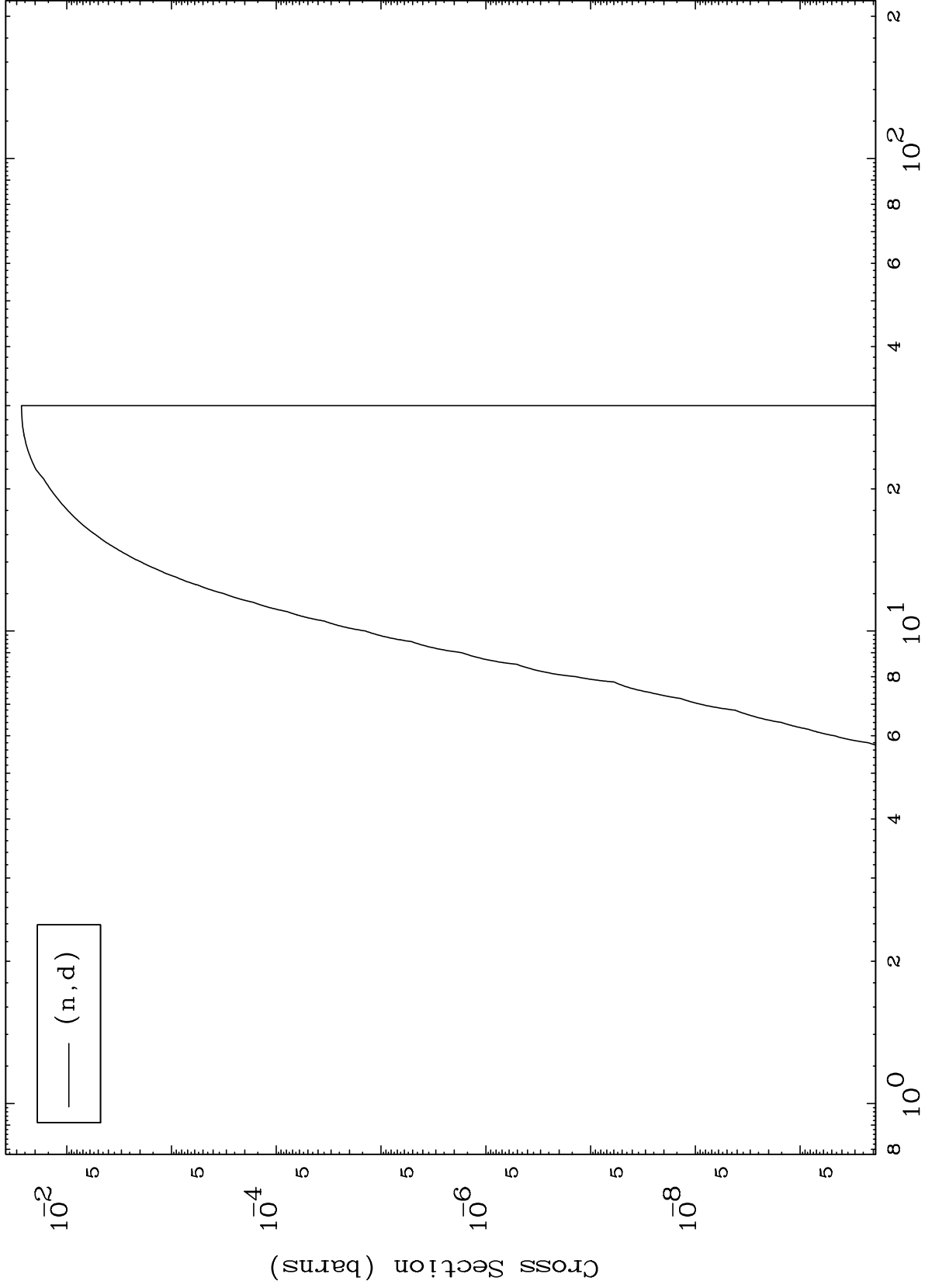
88-Ra-210



MAT 8786

(n,d) Levels  
293 Kelvin Cross Sections

88-Ra-210



11

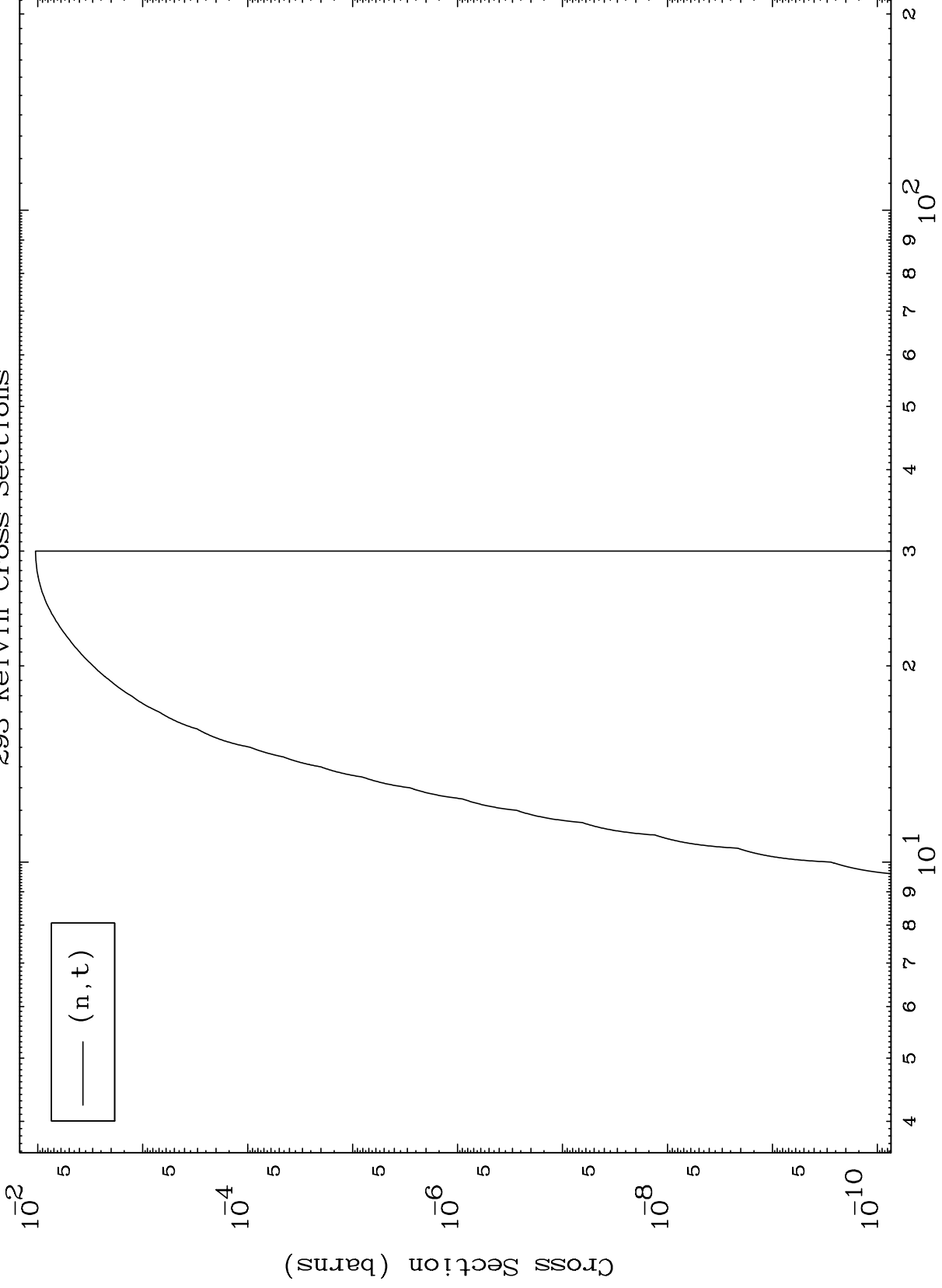
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,t) Levels  
293 Kelvin Cross Sections

88-Ra-210



12

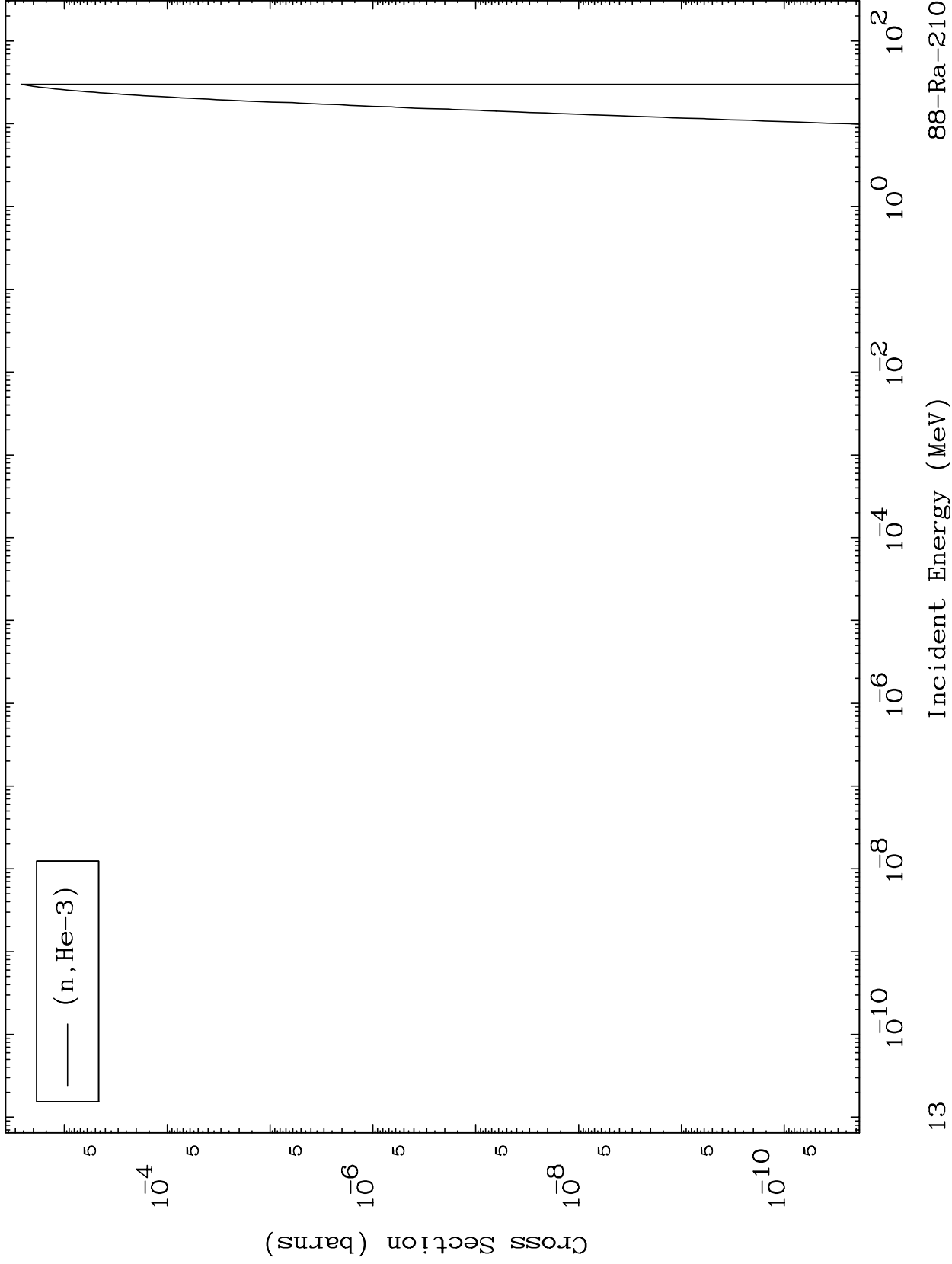
Incident Energy (MeV)

88-Ra-210

MAT 8786

(n,He3) Levels  
293 Kelvin Cross Sections

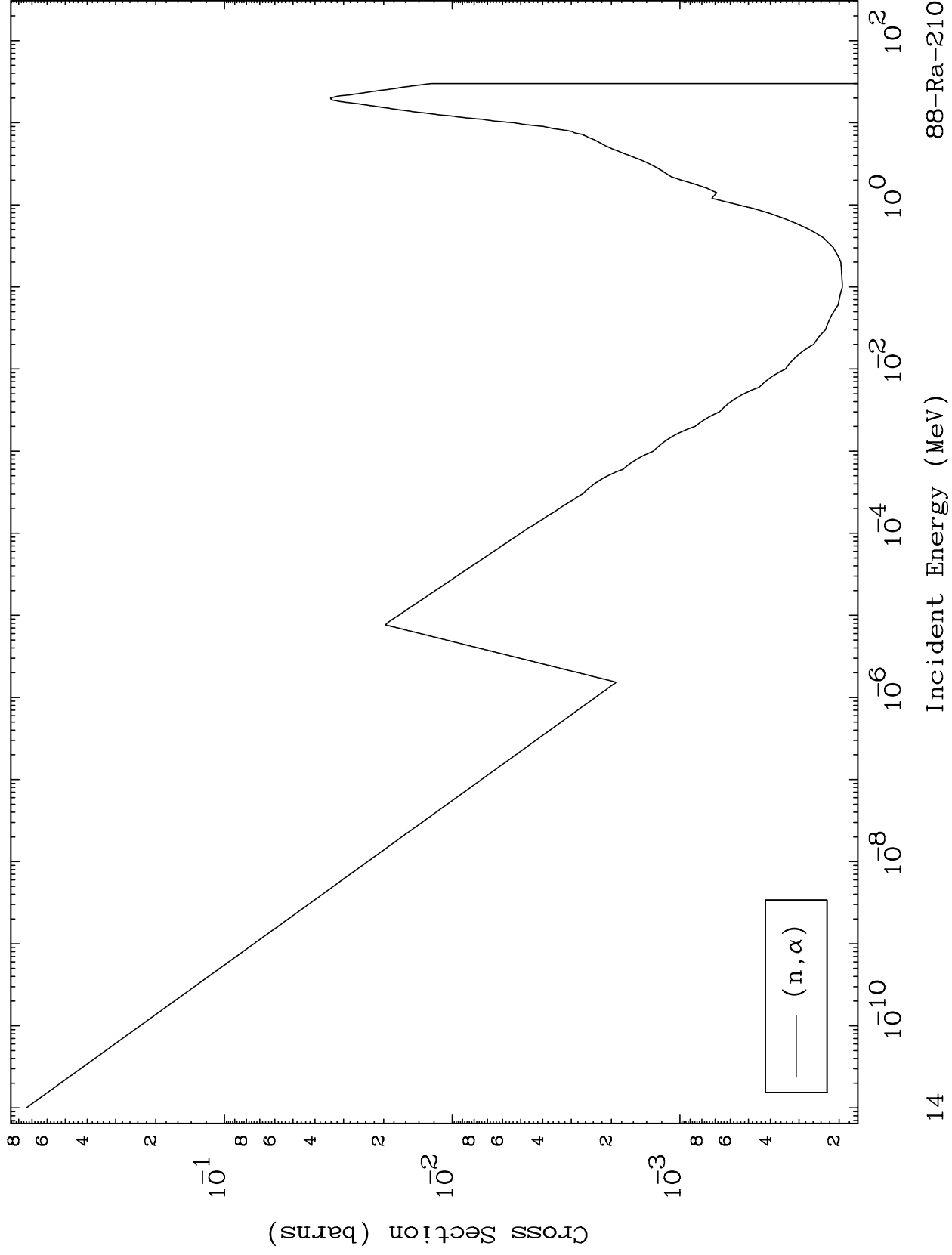
88-Ra-210



MAT 8786

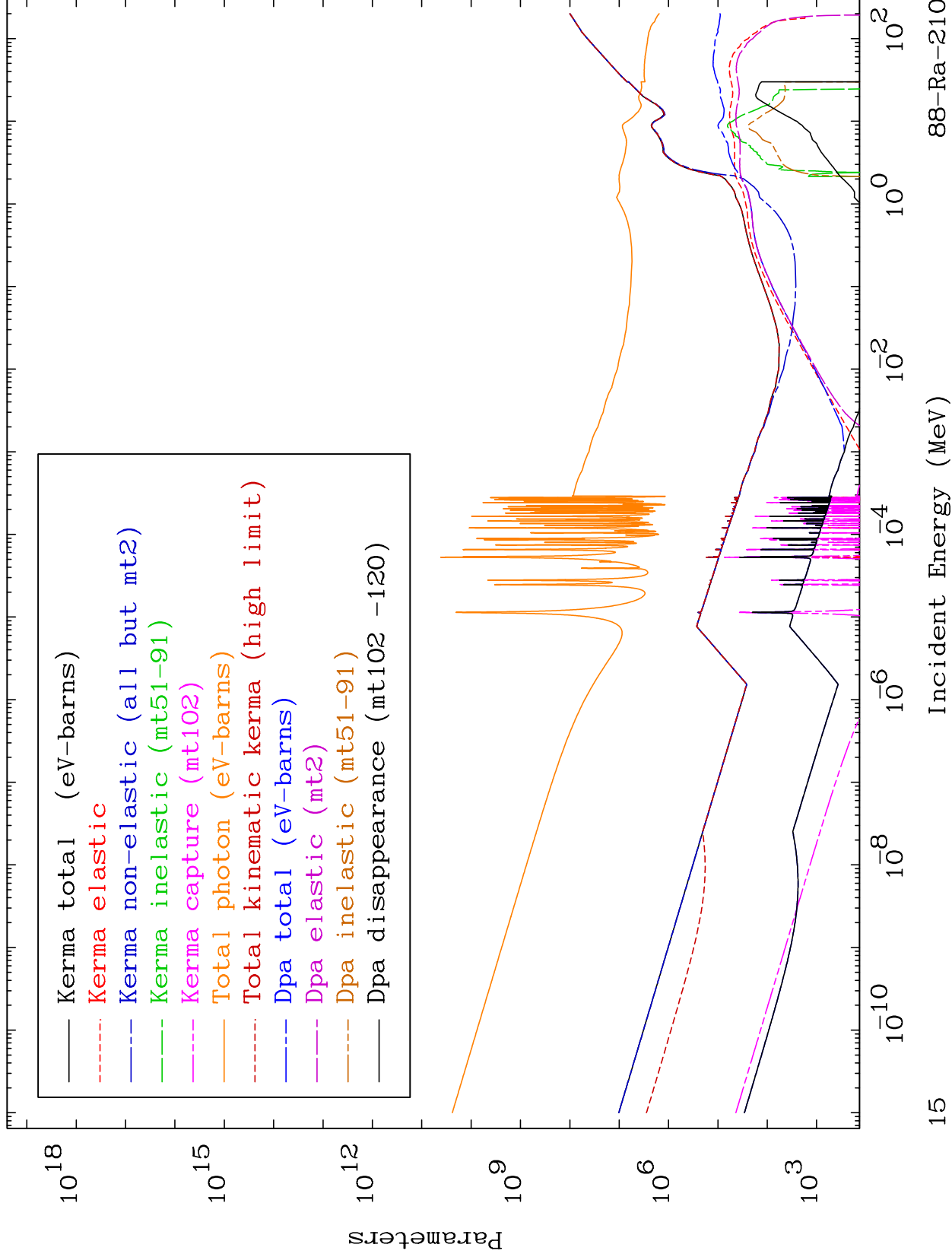
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

88-Ra-210



14

88-Ra-210

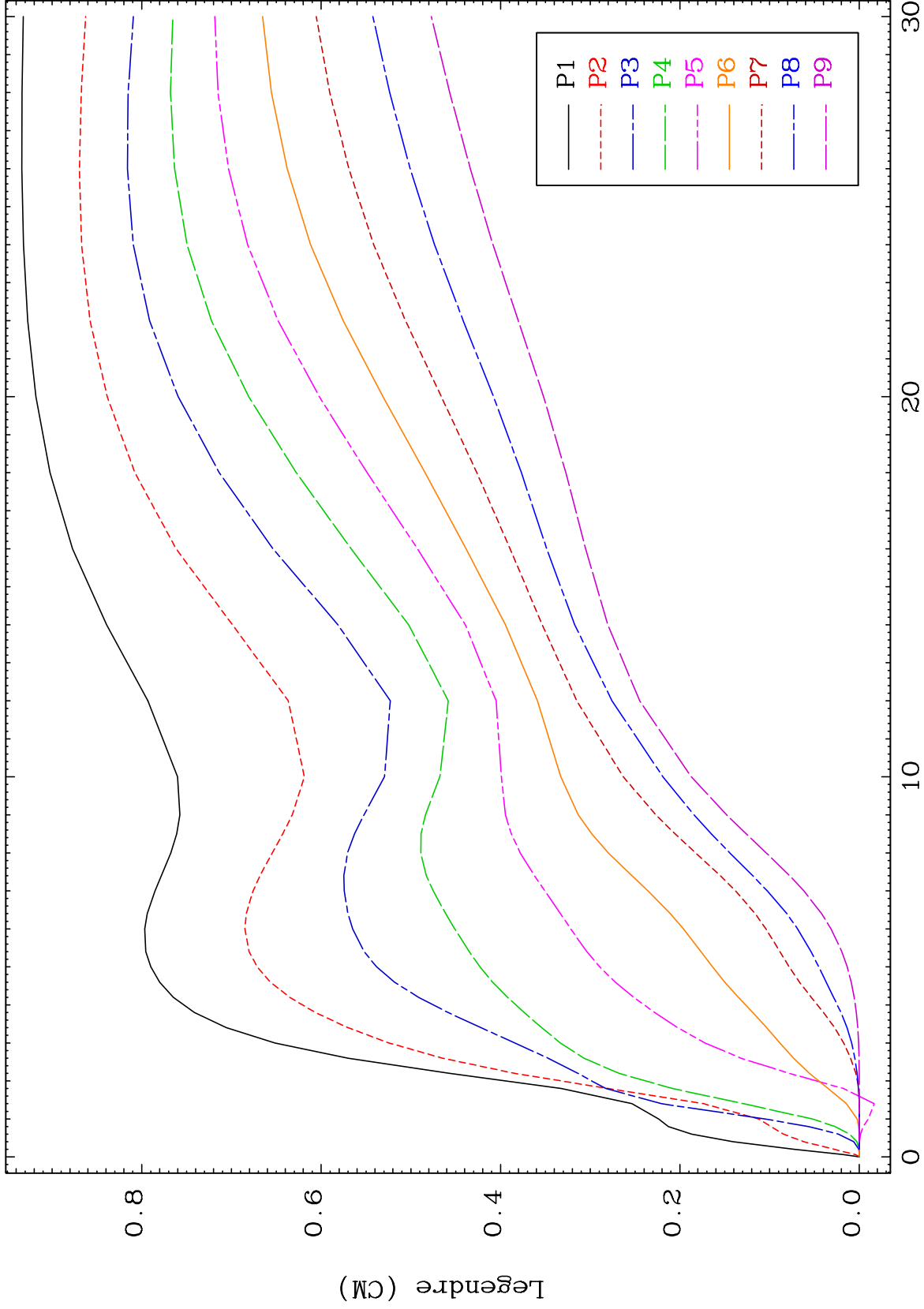




MAT 8786

Elastic Legendre Coefficients

88-Ra-210



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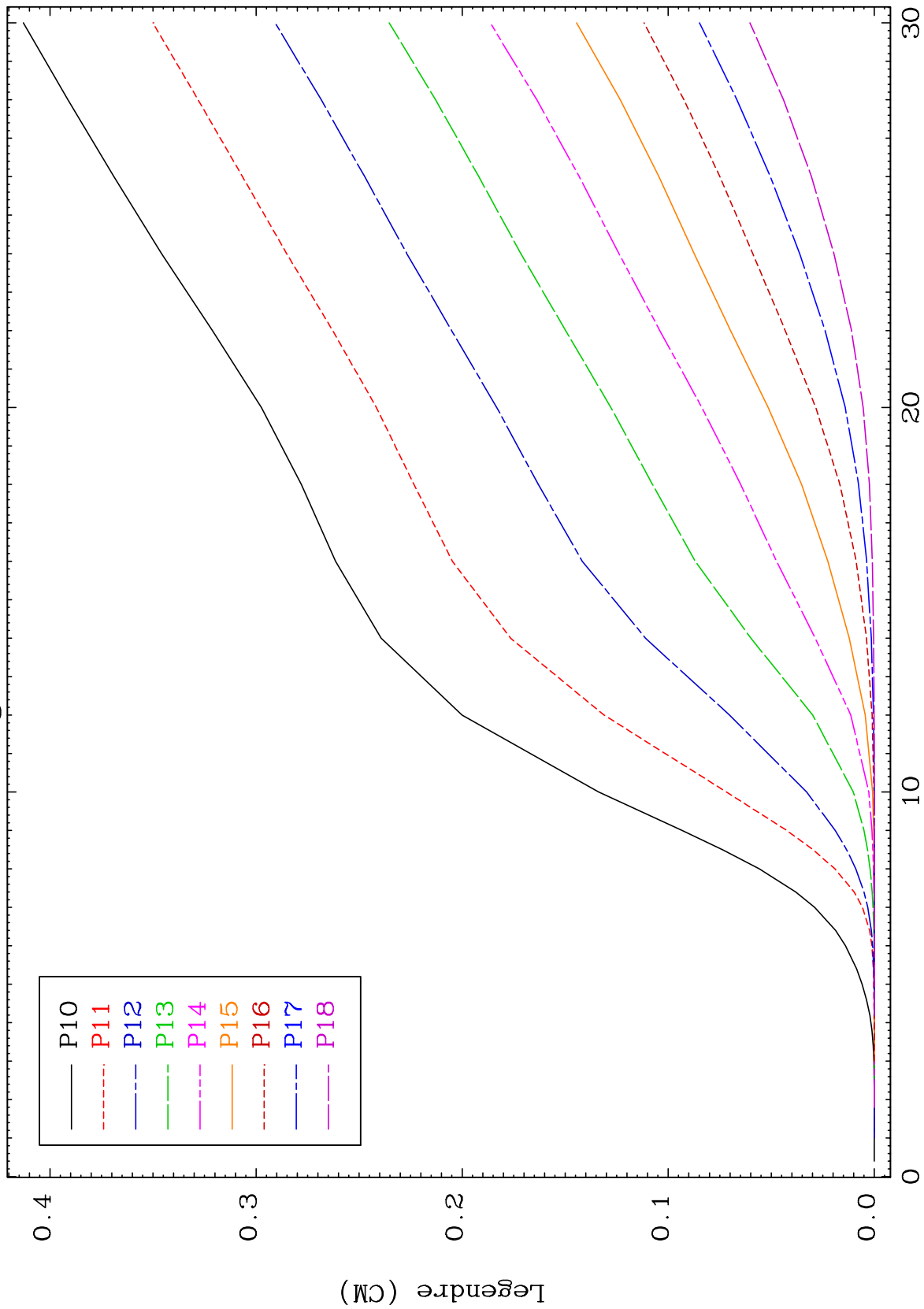
Incident Energy (MeV)

88-Ra-210

MAT 8786

Elastic Legendre Coefficients

88-Ra-210



17

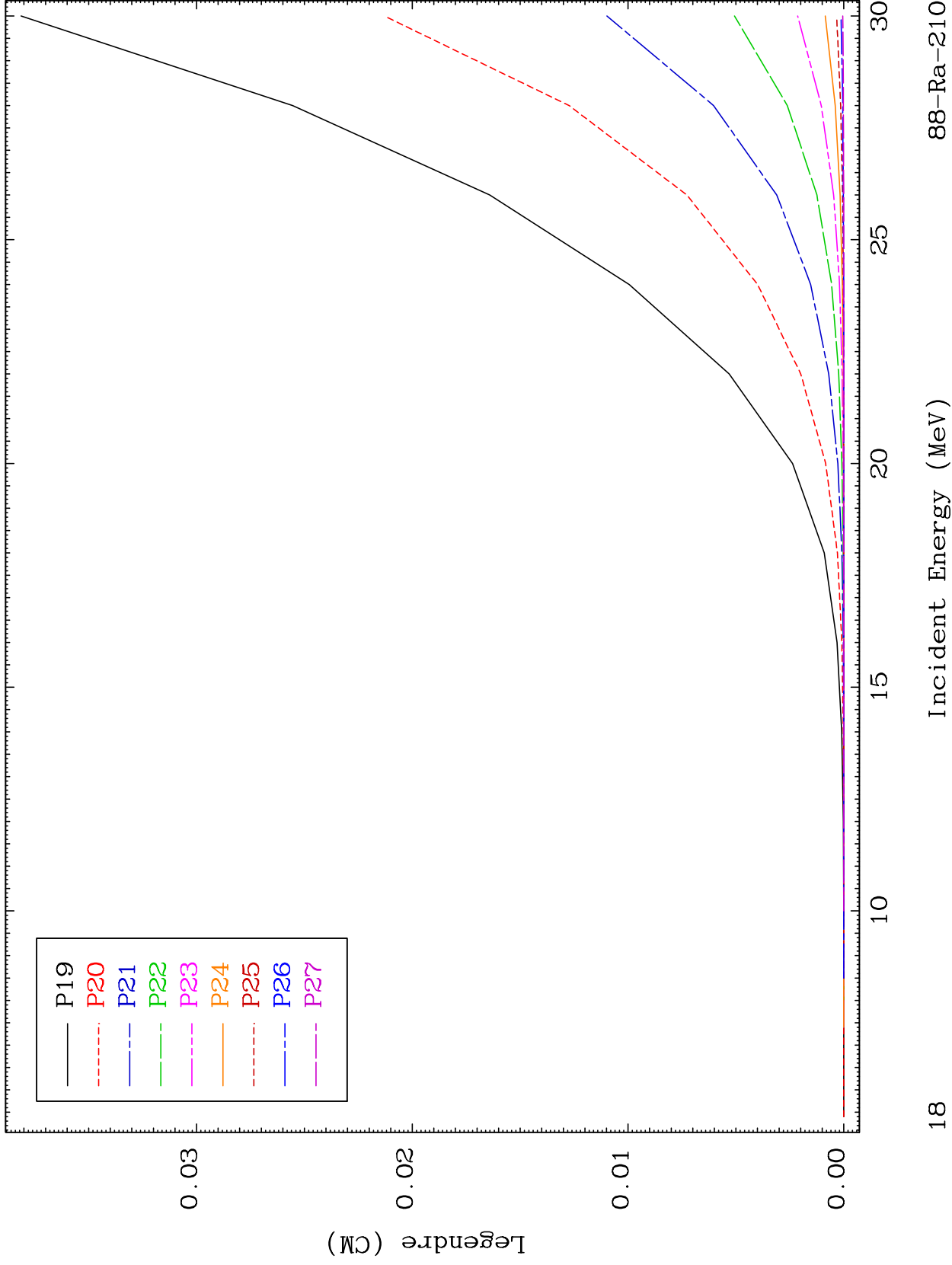
Incident Energy (MeV)

88-Ra-210

MAT 8786

Elastic Legendre Coefficients

88-Ra-210



18

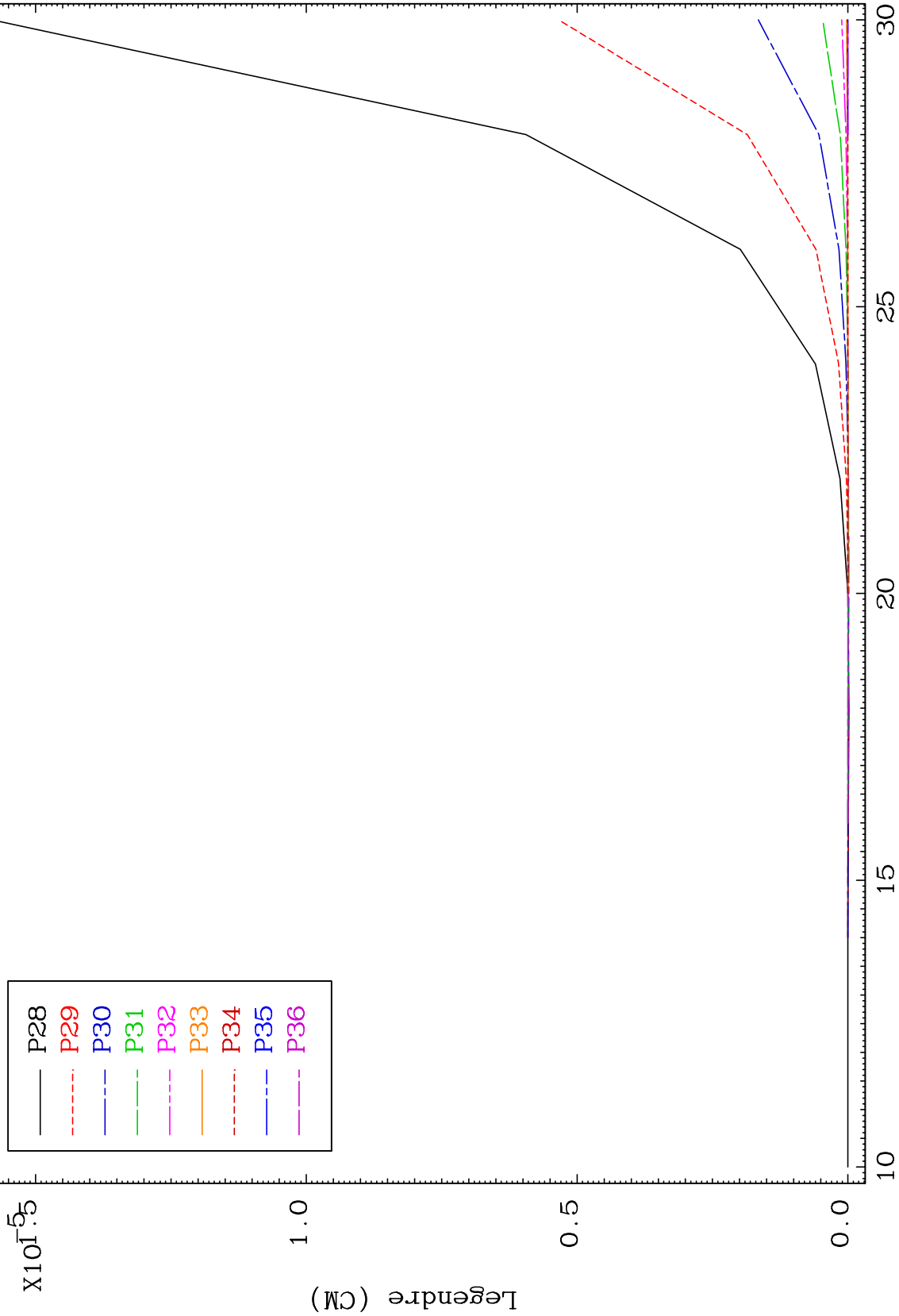
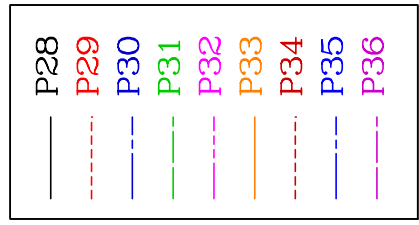
Incident Energy (MeV)

88-Ra-210

MAT 8786

Elastic Legendre Coefficients

88-Ra-210



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Incident Energy (MeV)

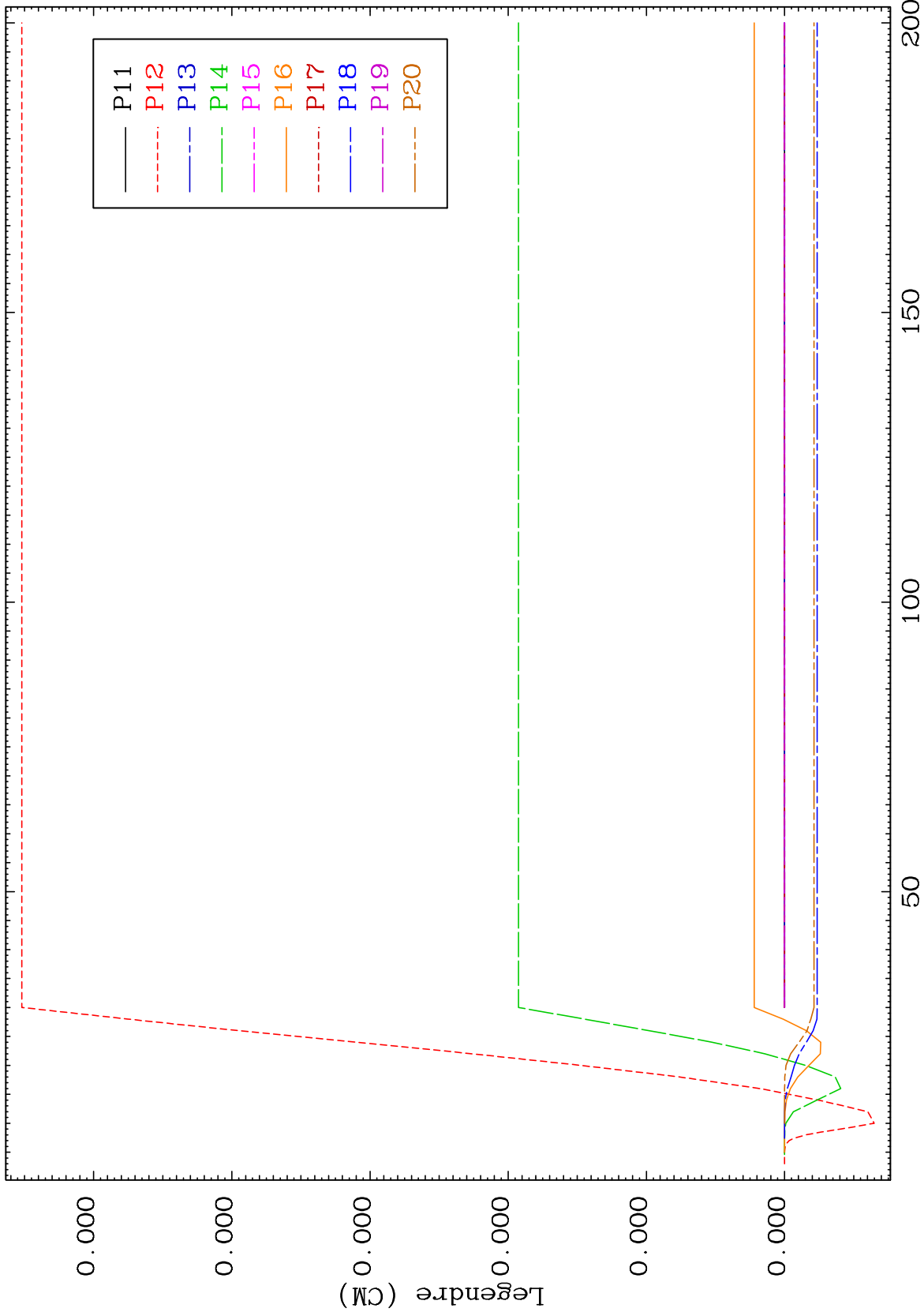
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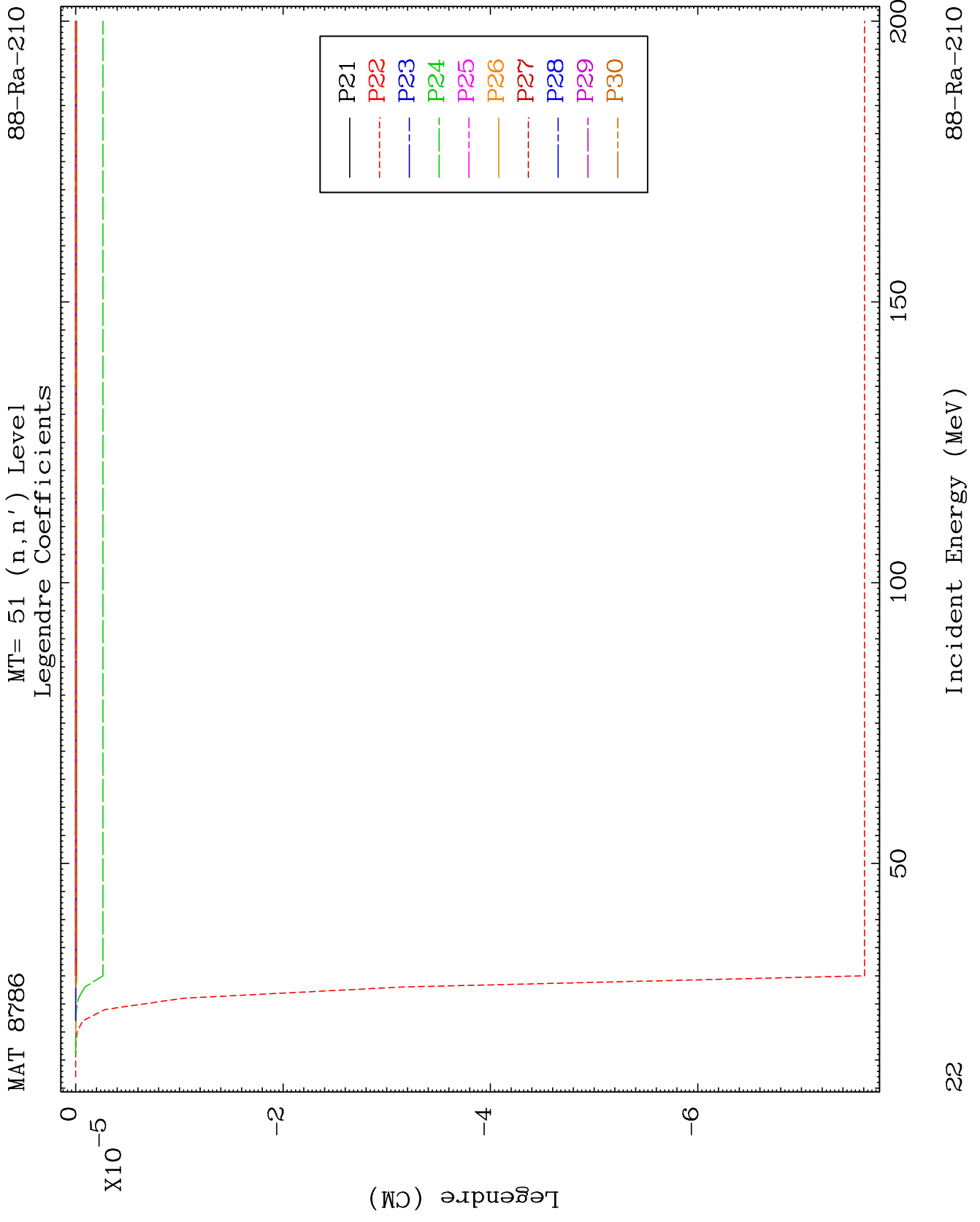


MAT 8786

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

88-Ra-210

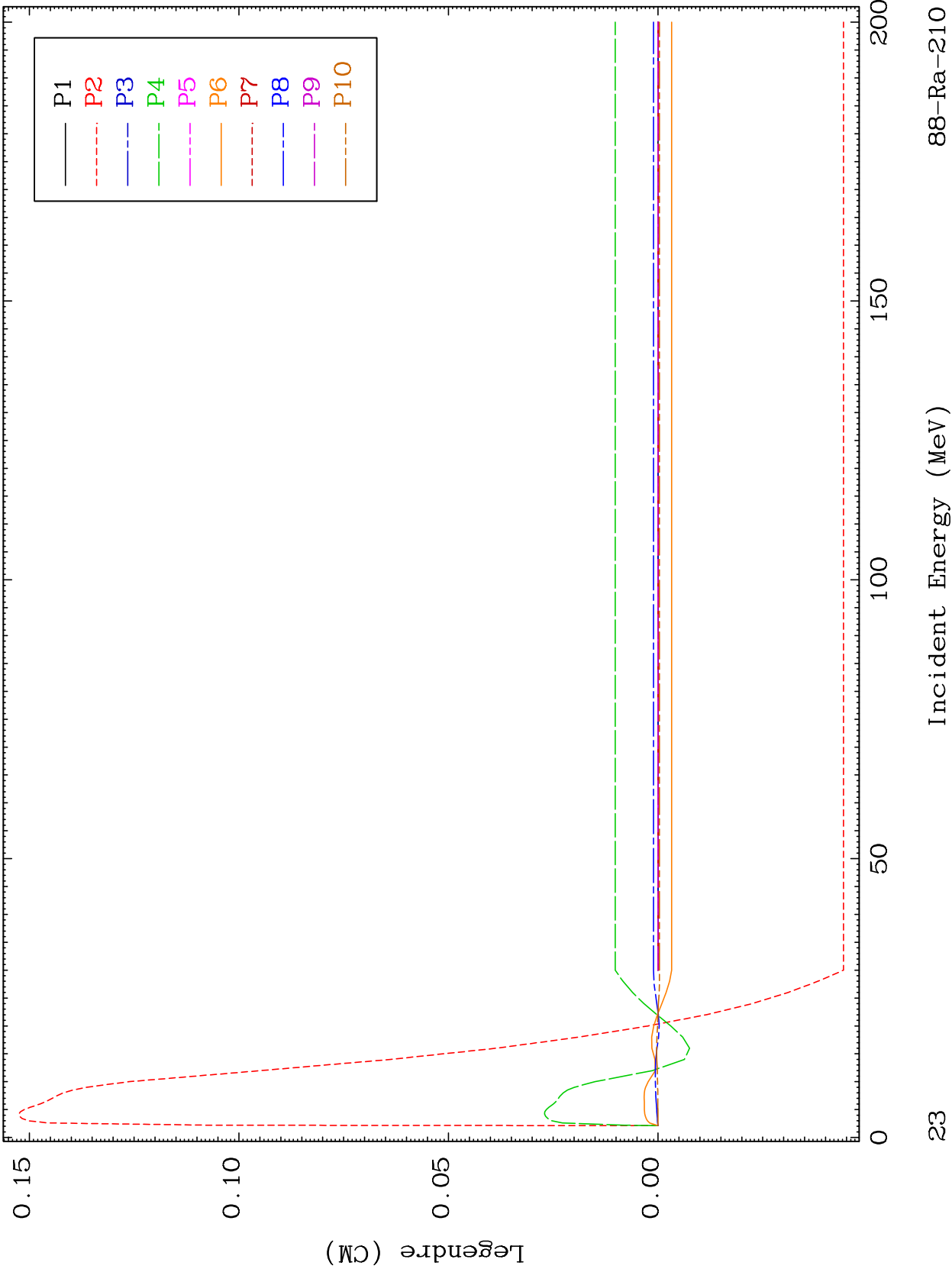




MAT 8786

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

88-Ra-210



23

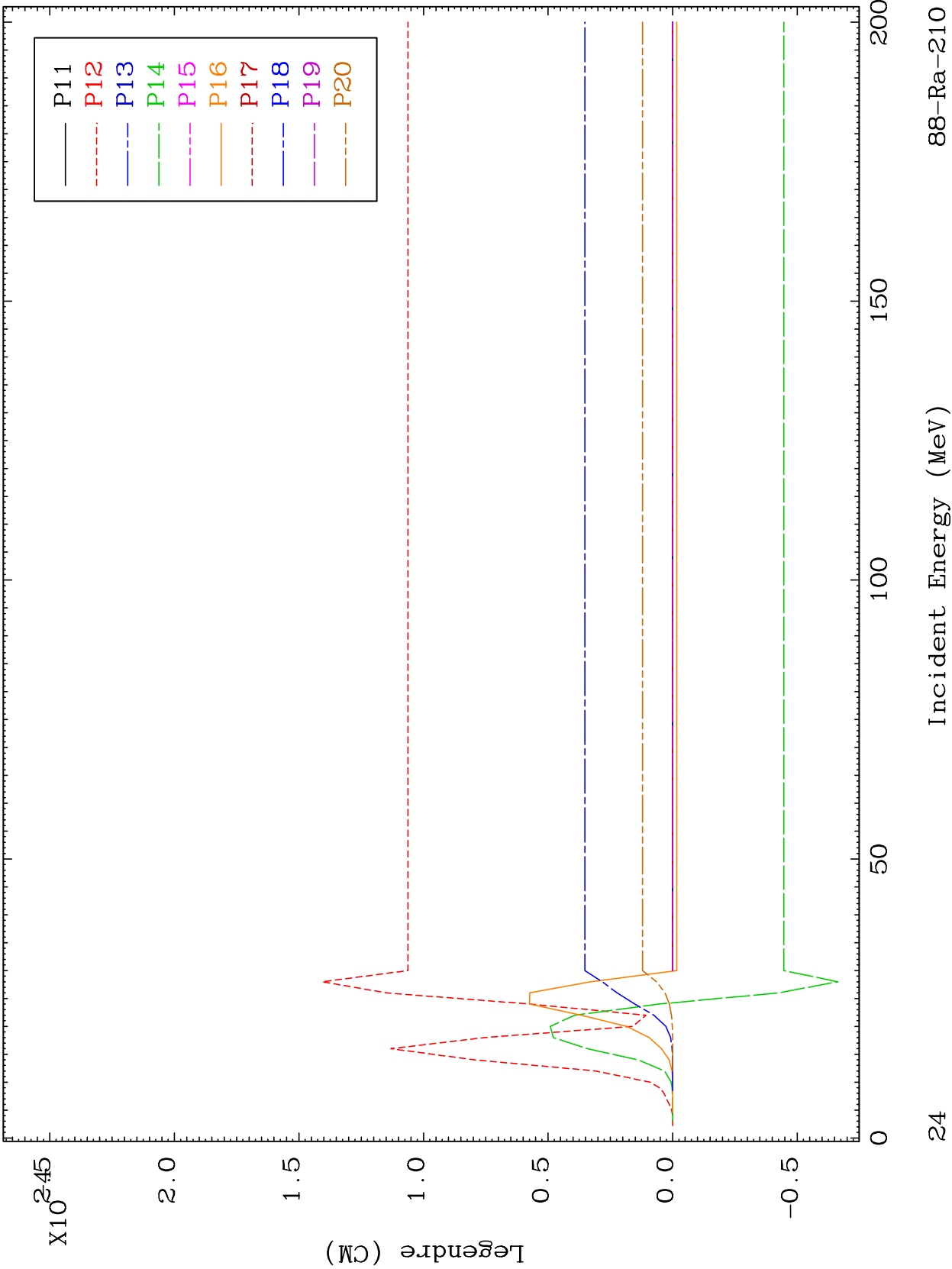
88-Ra-210



MAT 8786

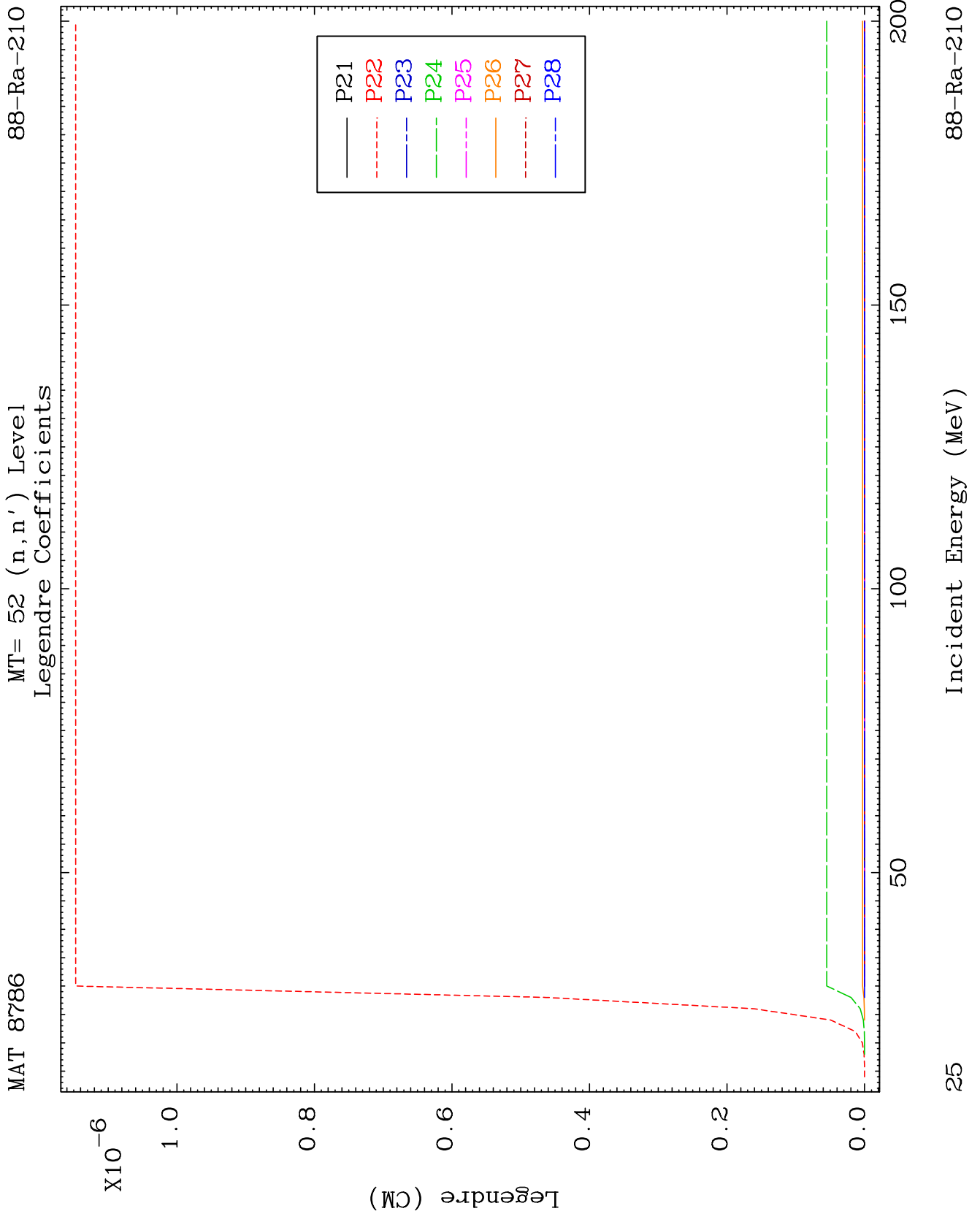
MT= 52 (n,n') Level  
Legendre Coefficients

88-Ra-210



24

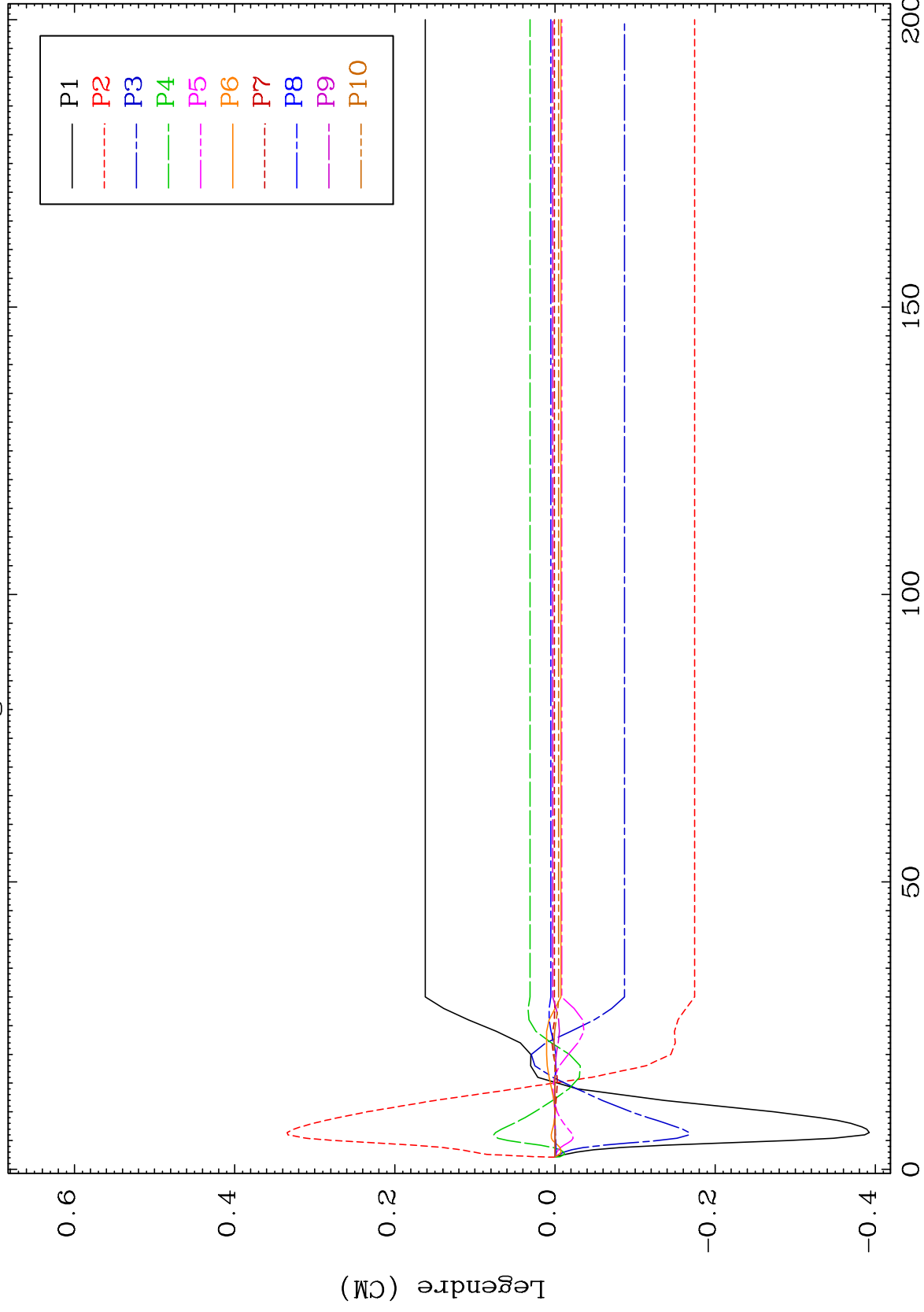
88-Ra-210



MAT 8786

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

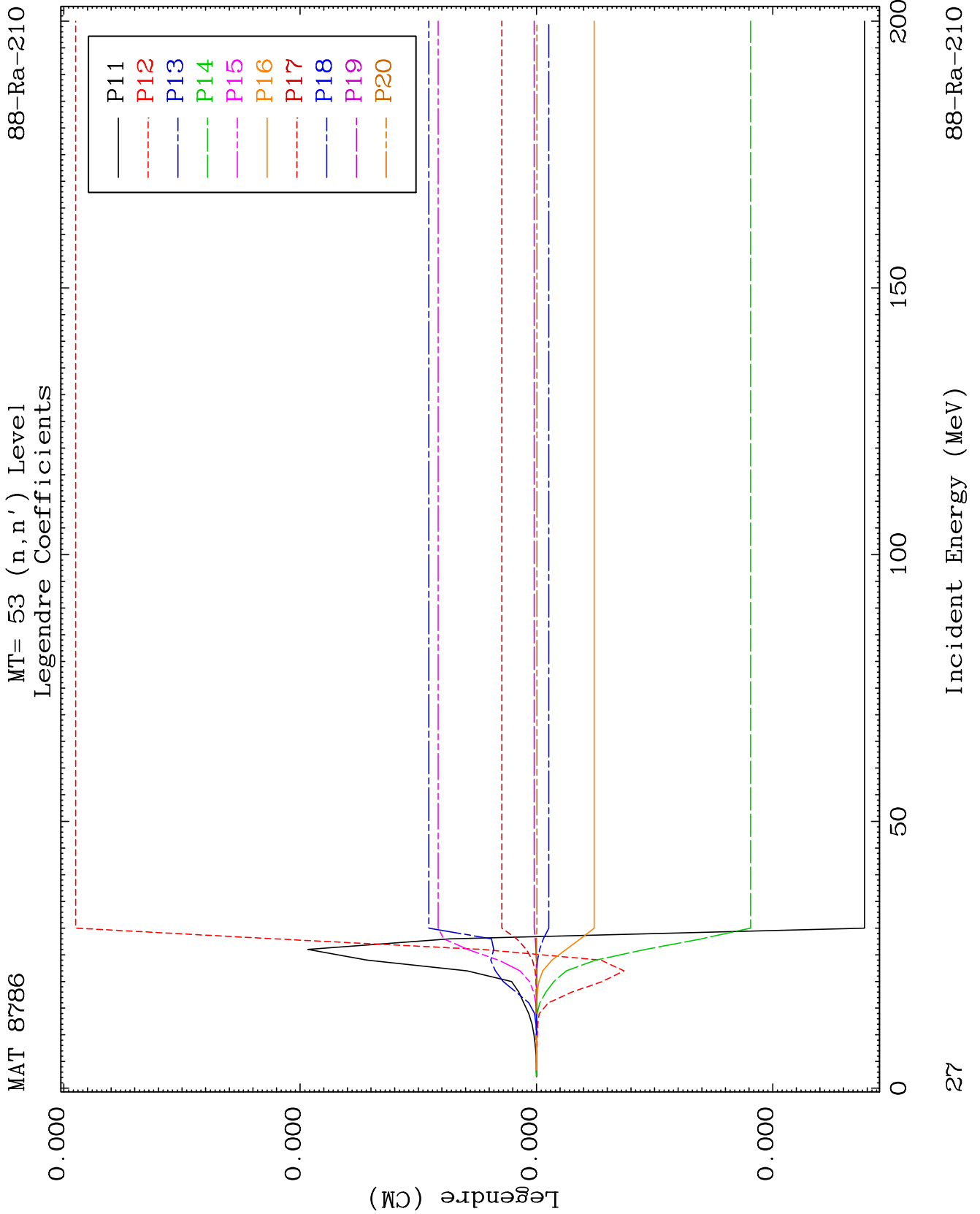
88-Ra-210



26

Incident Energy (MeV)

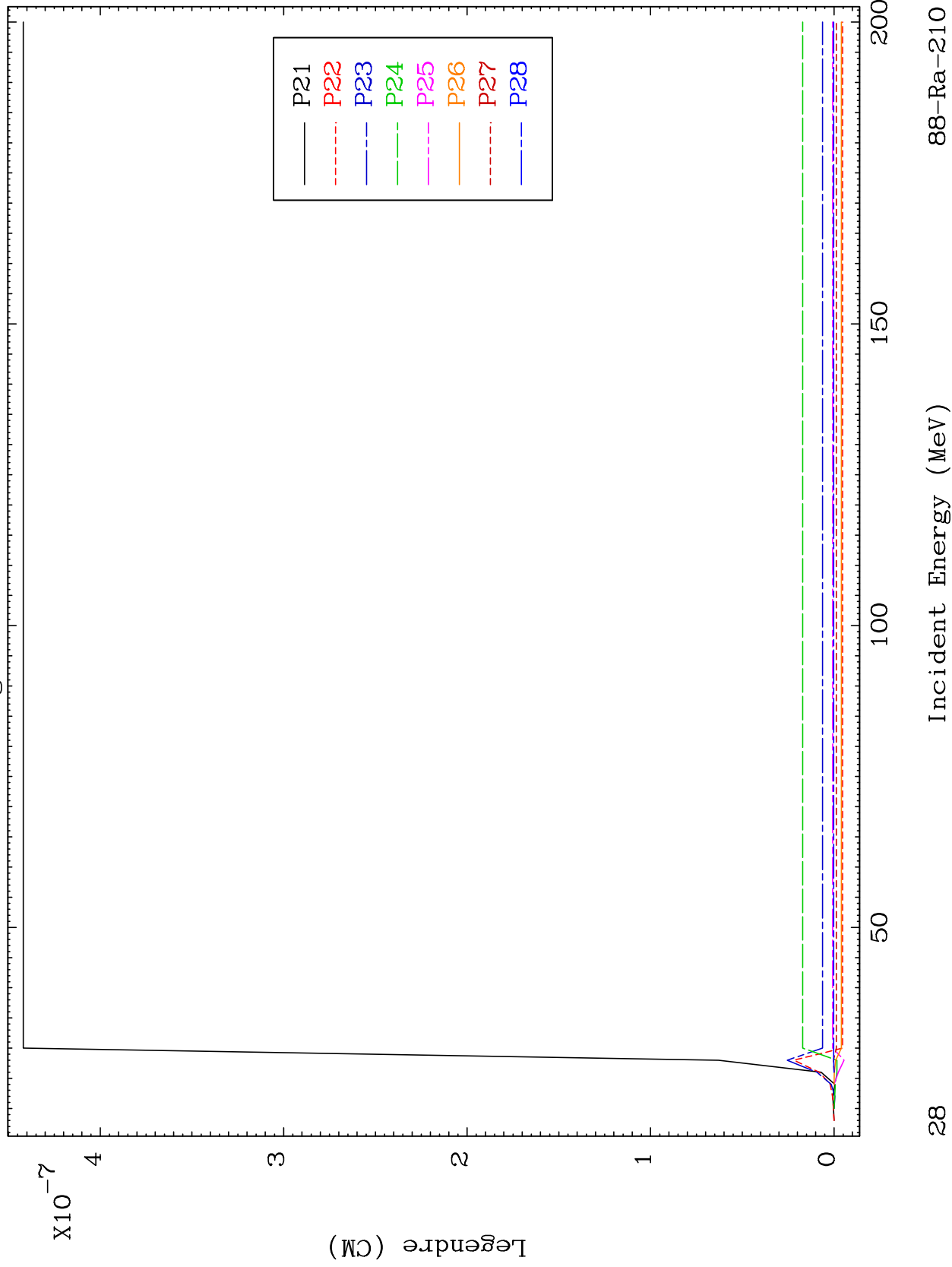
88-Ra-210



MAT 8786

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

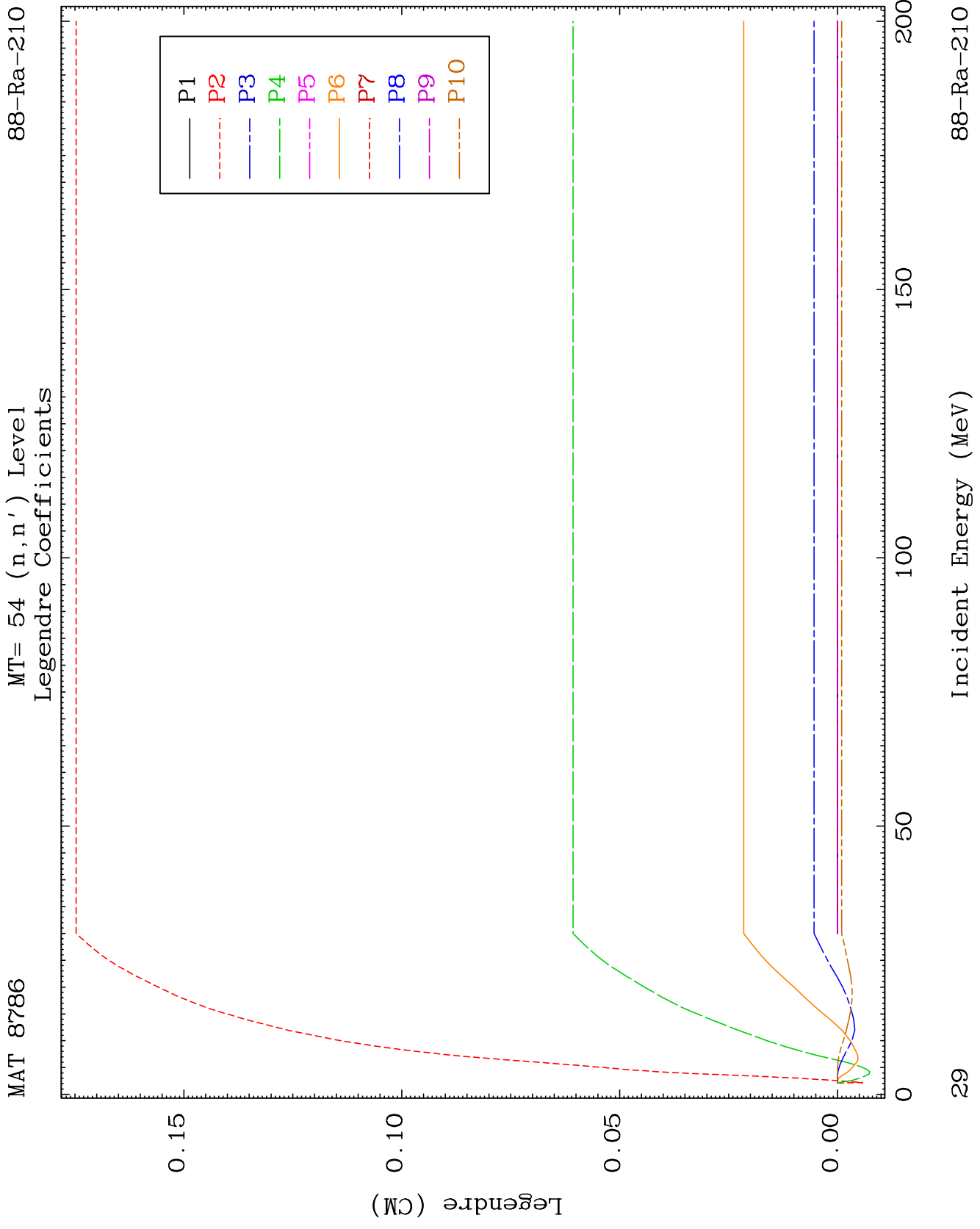
88-Ra-210



28

Incident Energy (MeV)

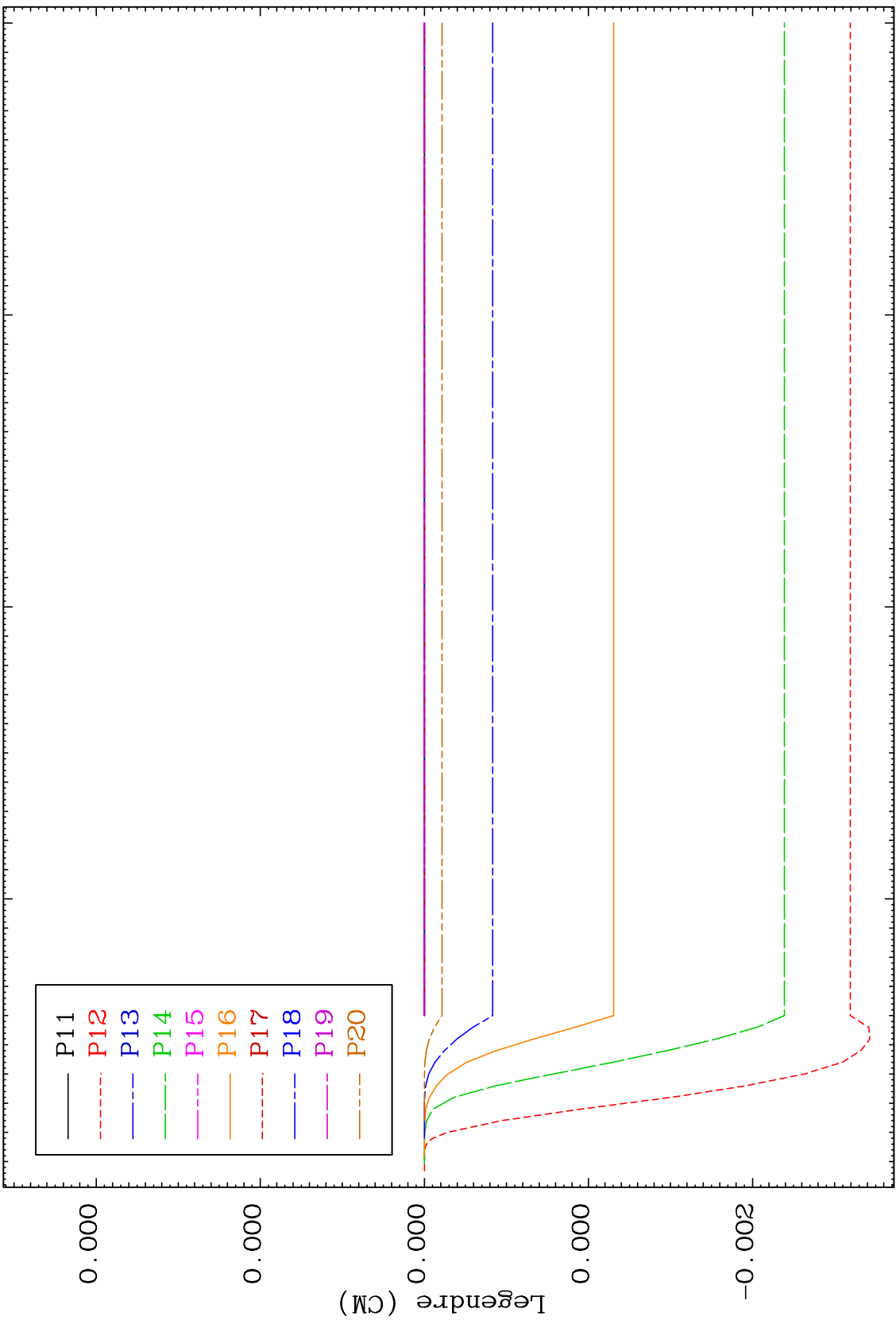
88-Ra-210



MAT 8786

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

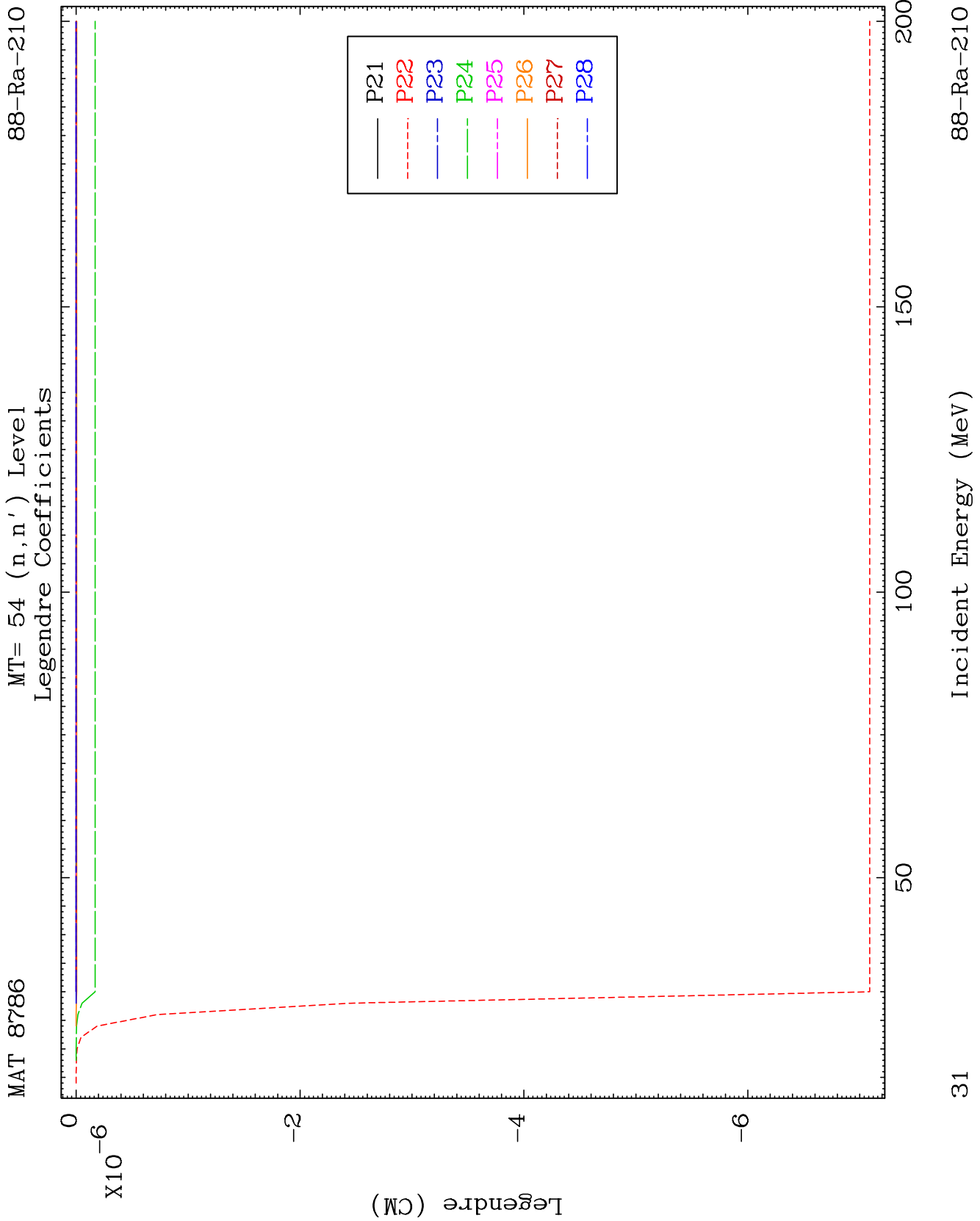
88-Ra-210



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Incident Energy (MeV)

88-Ra-210

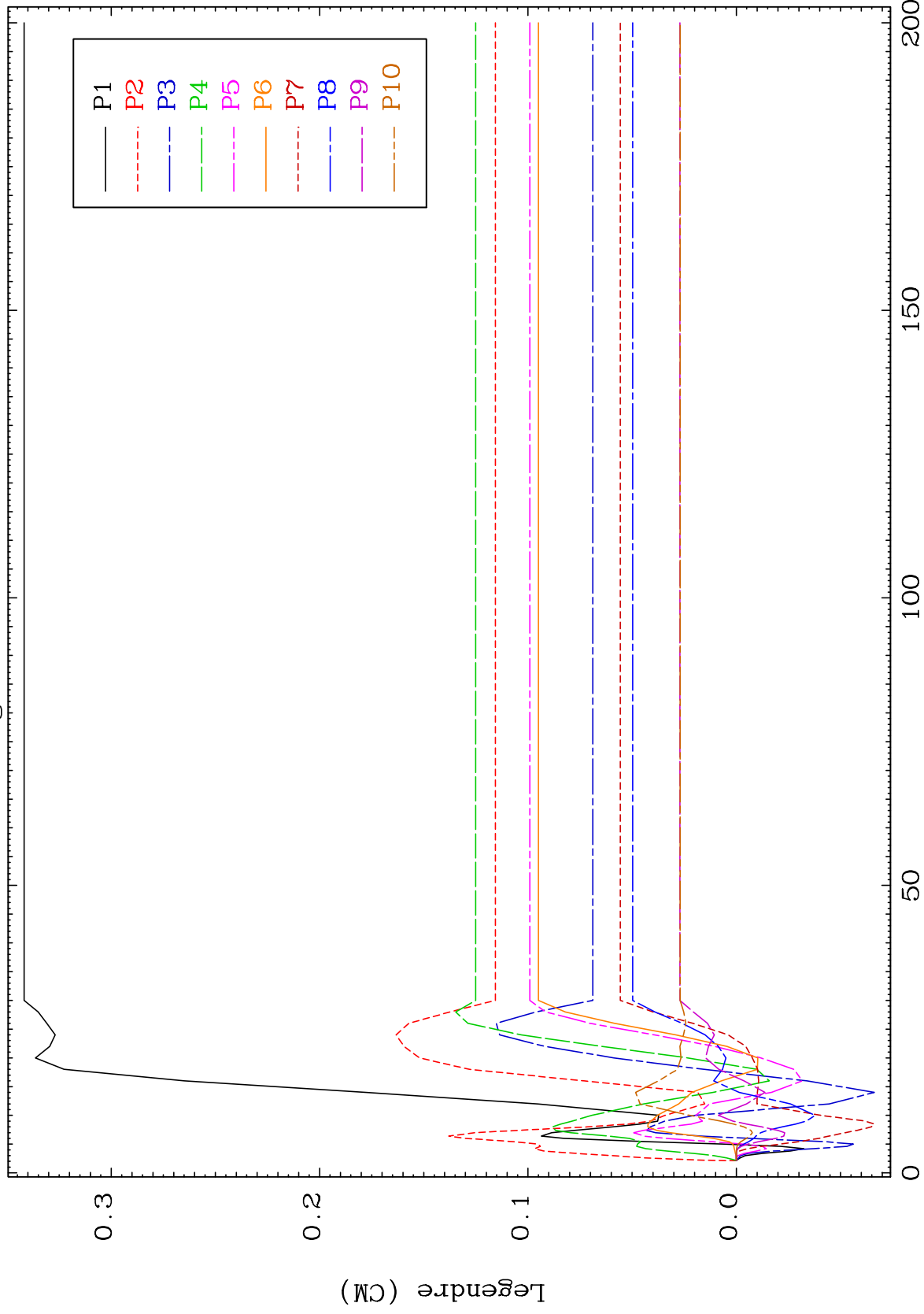




MAT 8786

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

88-Ra-210



88-Ra-210

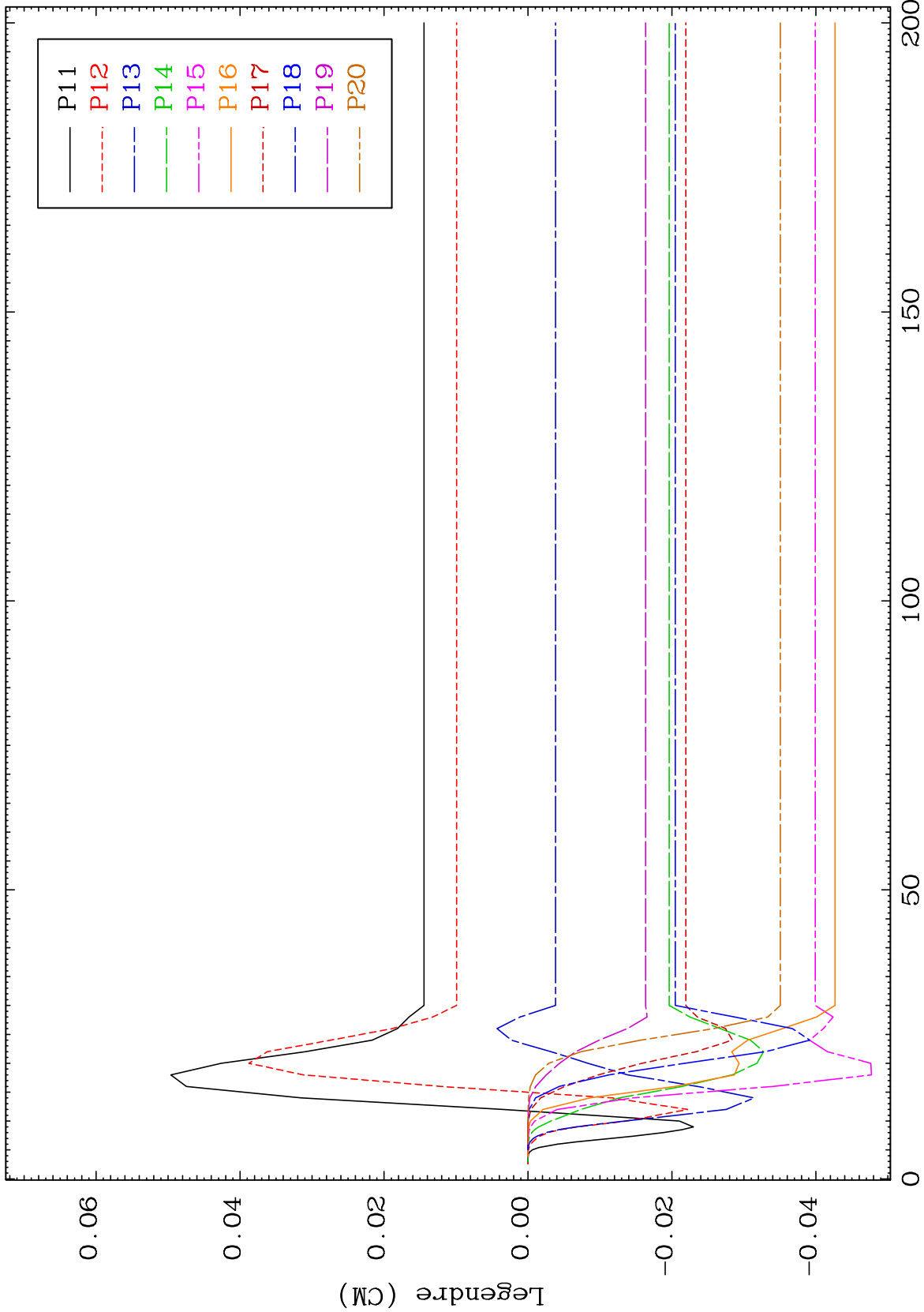
Incident Energy (MeV)

32

MAT 8786

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

88-Ra-210



33

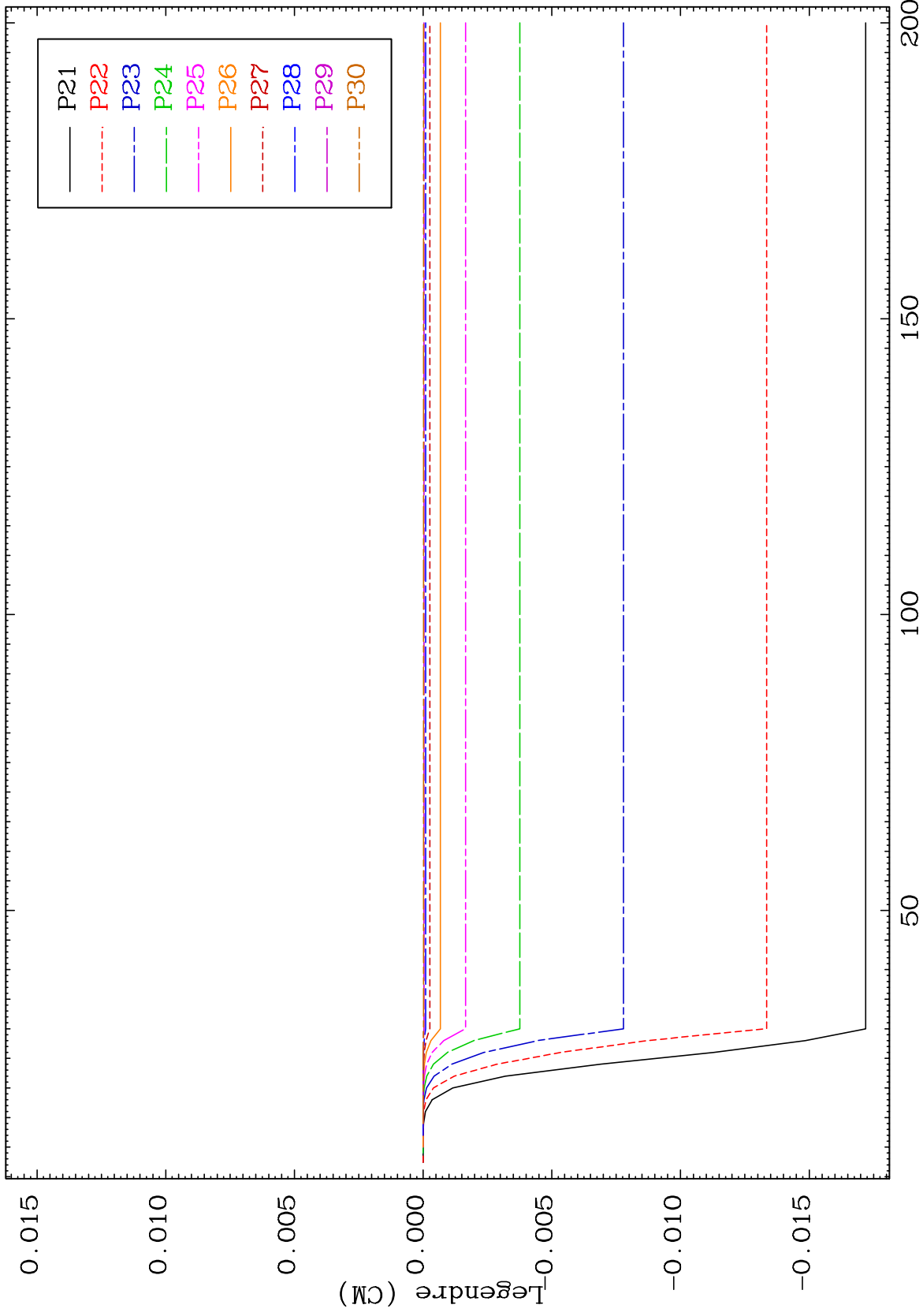
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

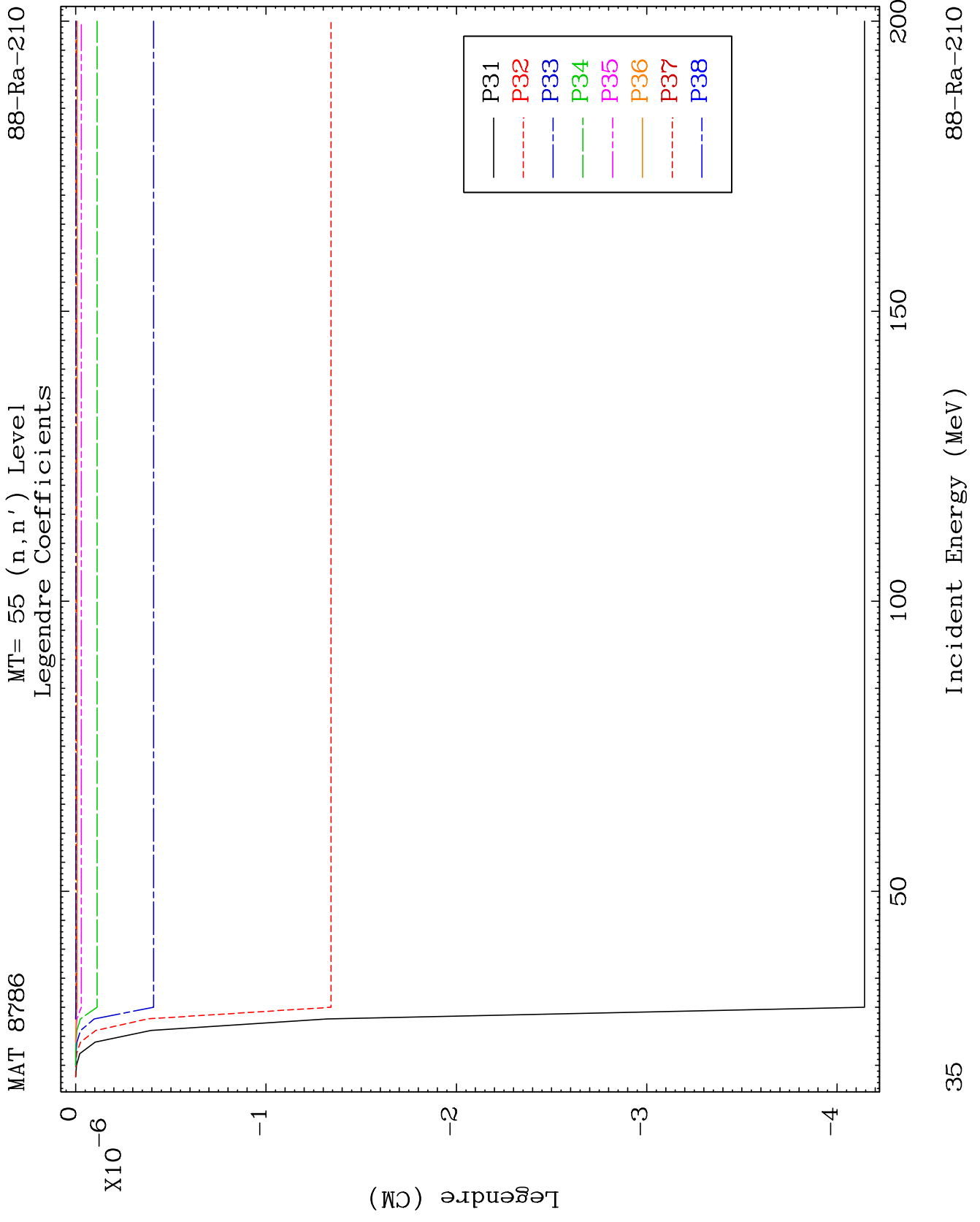
88-Ra-210



34

Incident Energy (MeV)

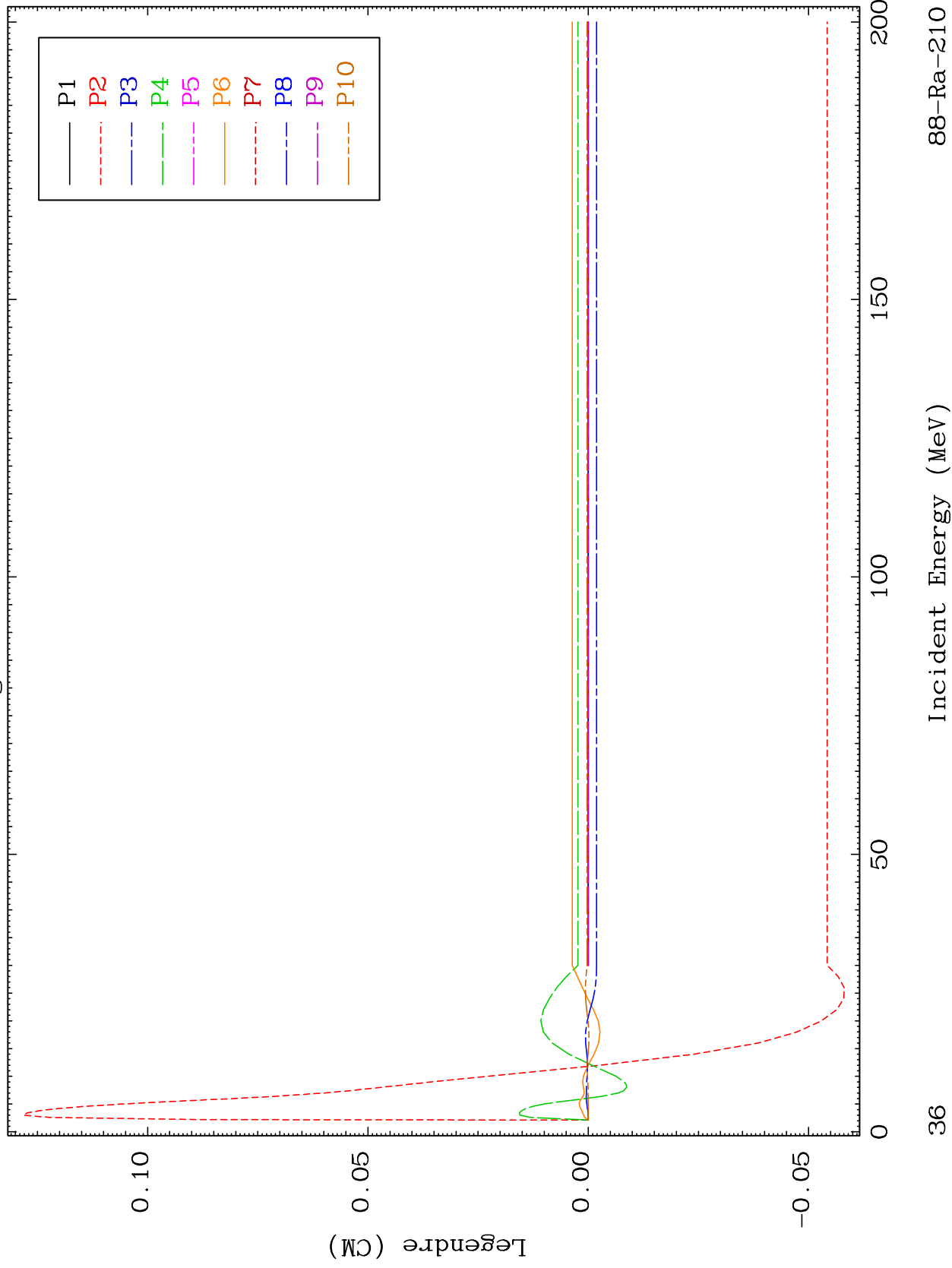
88-Ra-210



MAT 8786

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

88-Ra-210



88-Ra-210

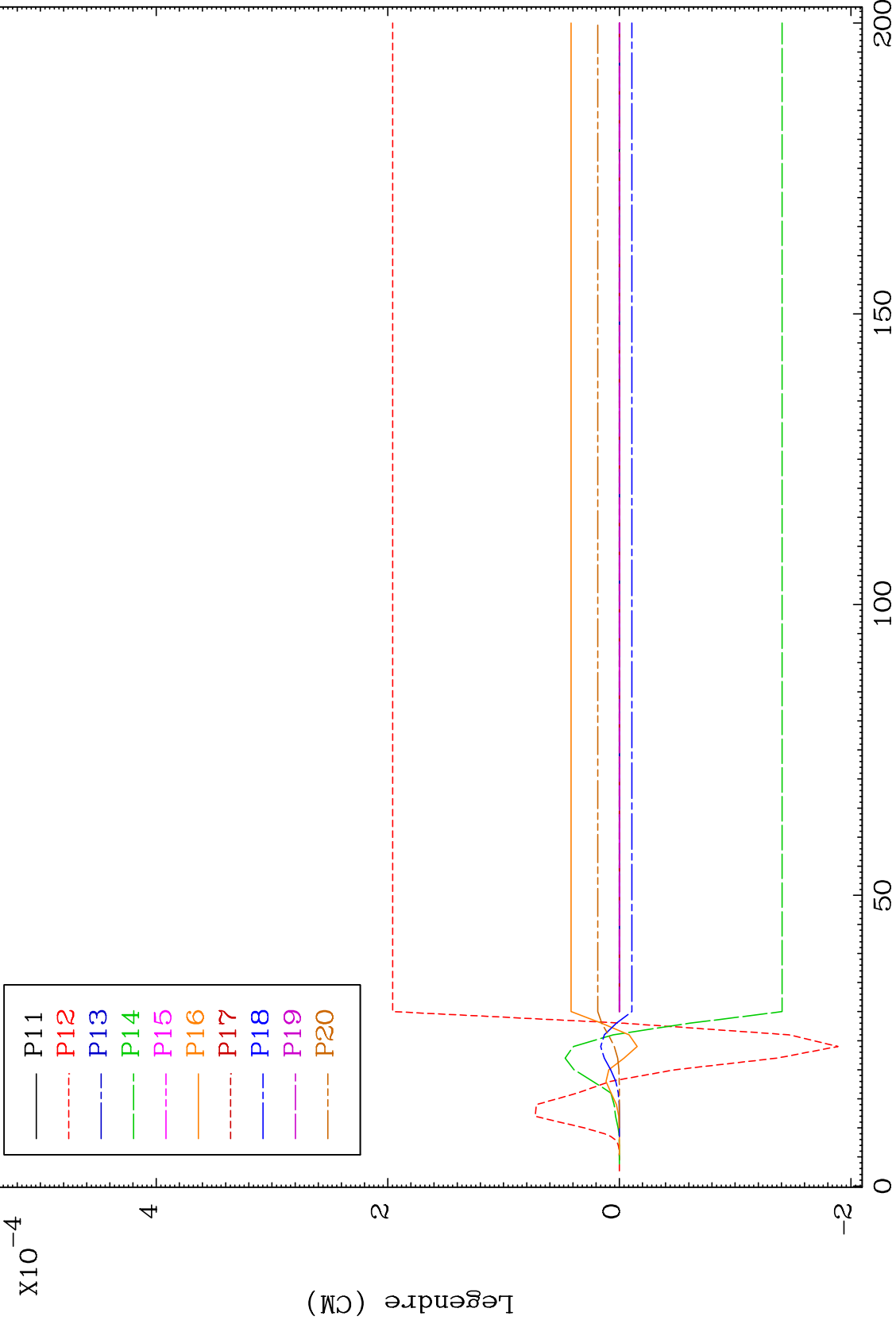
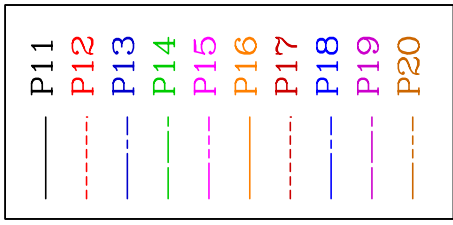
Incident Energy (MeV)

36

MAT 8786

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

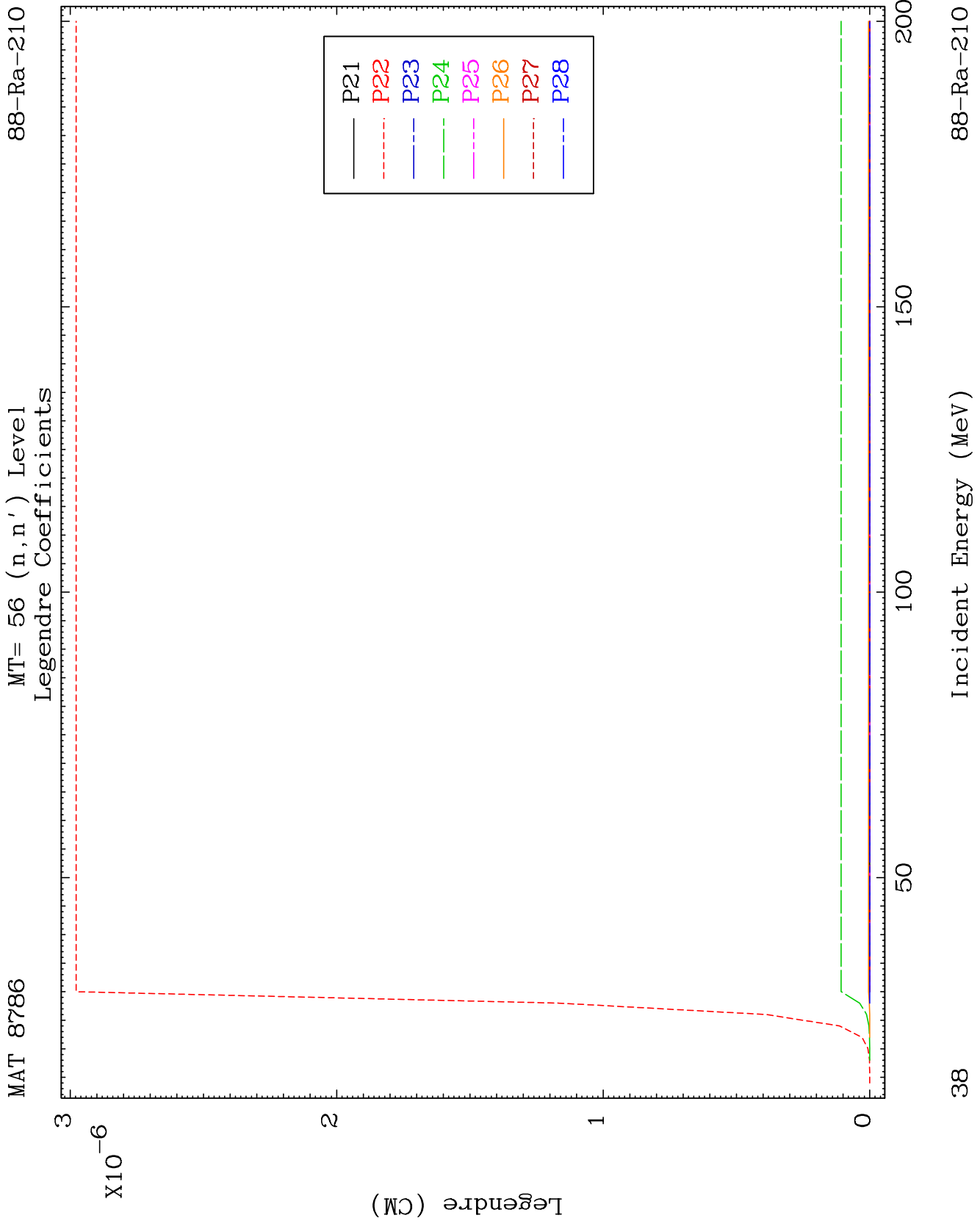
88-Ra-210



37

Incident Energy (MeV)

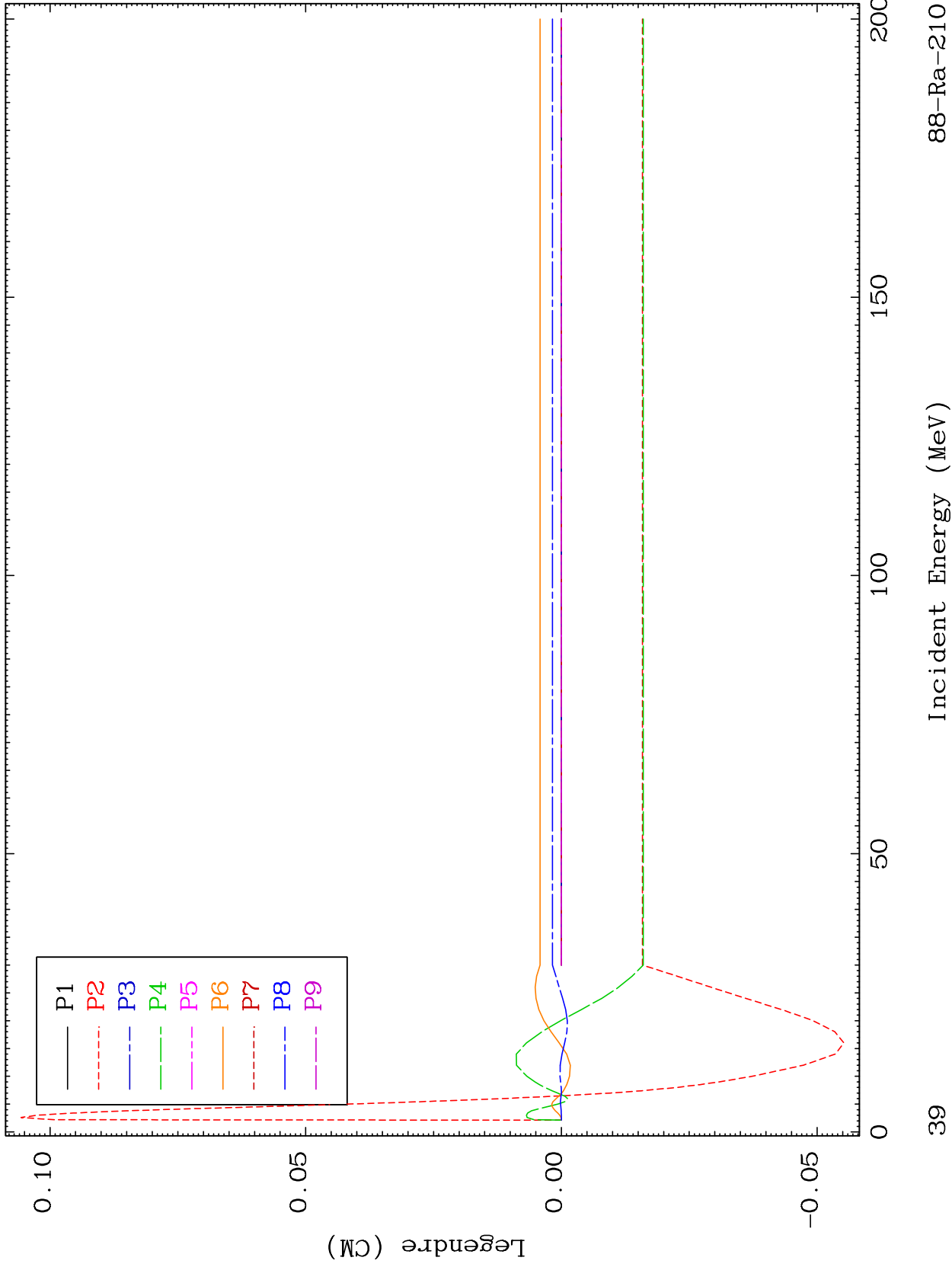
88-Ra-210



MAT 8786

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

88-Ra-210



88-Ra-210

Incident Energy (MeV)

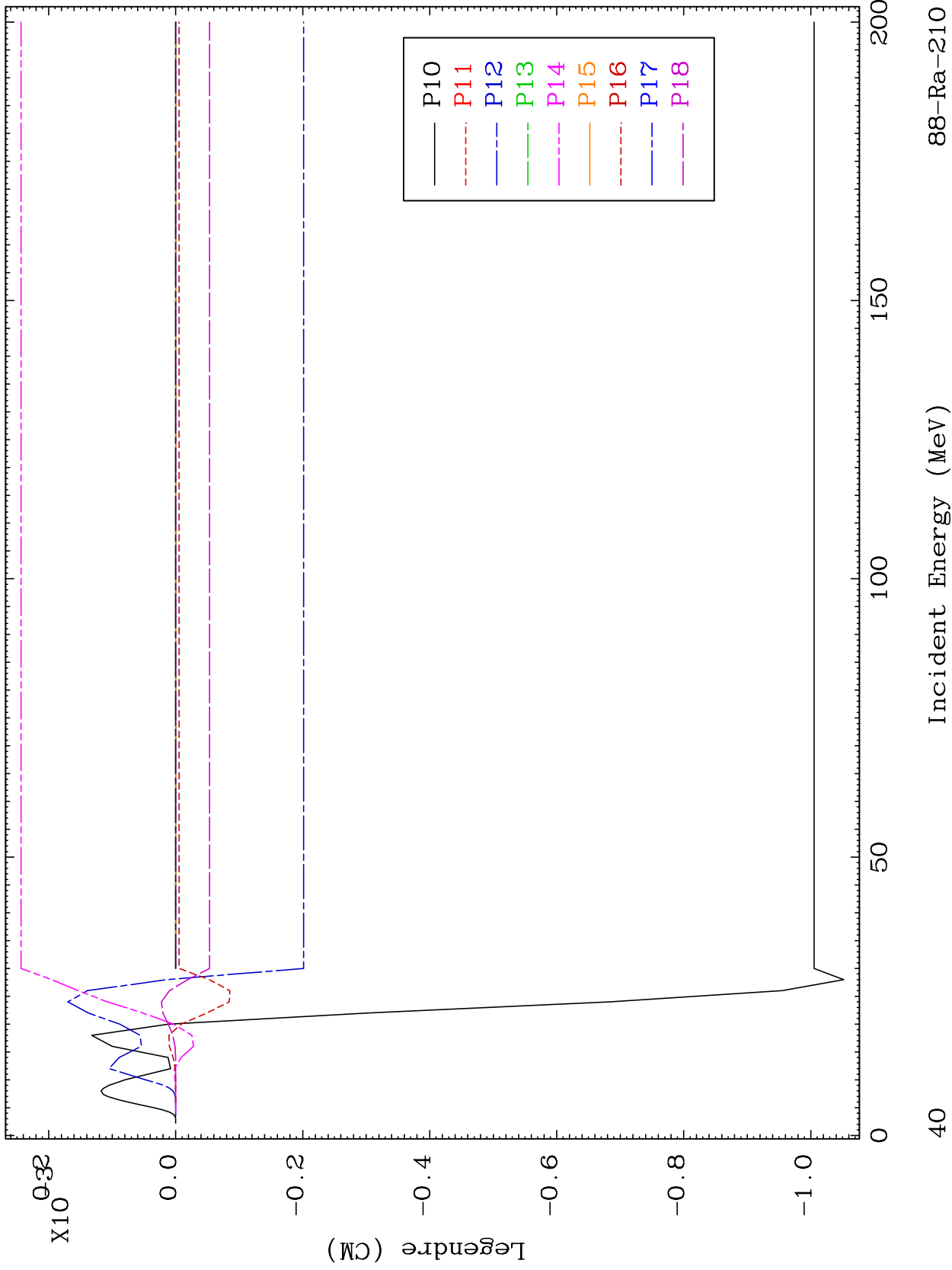
39

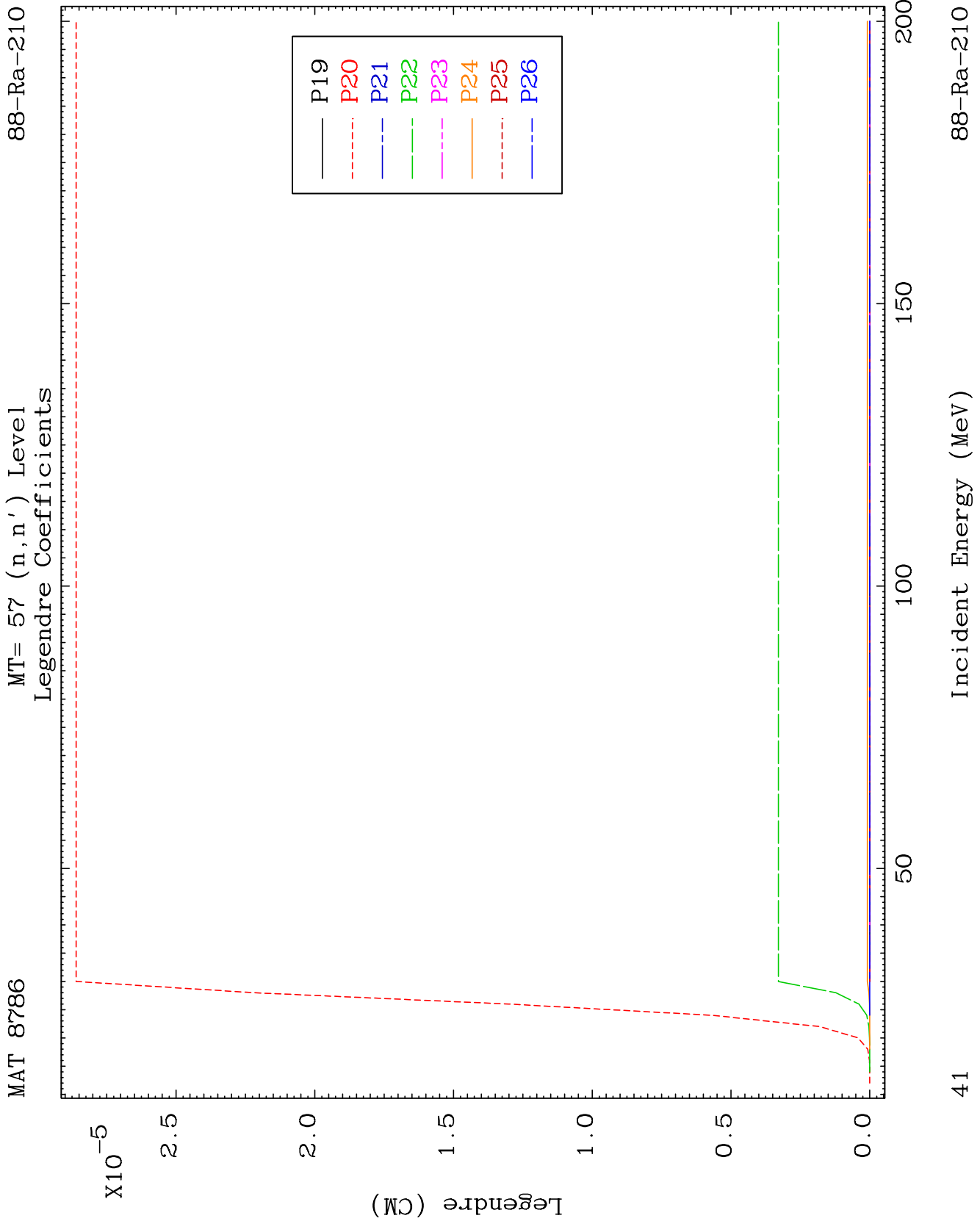


MAT 8786

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

88-Ra-210



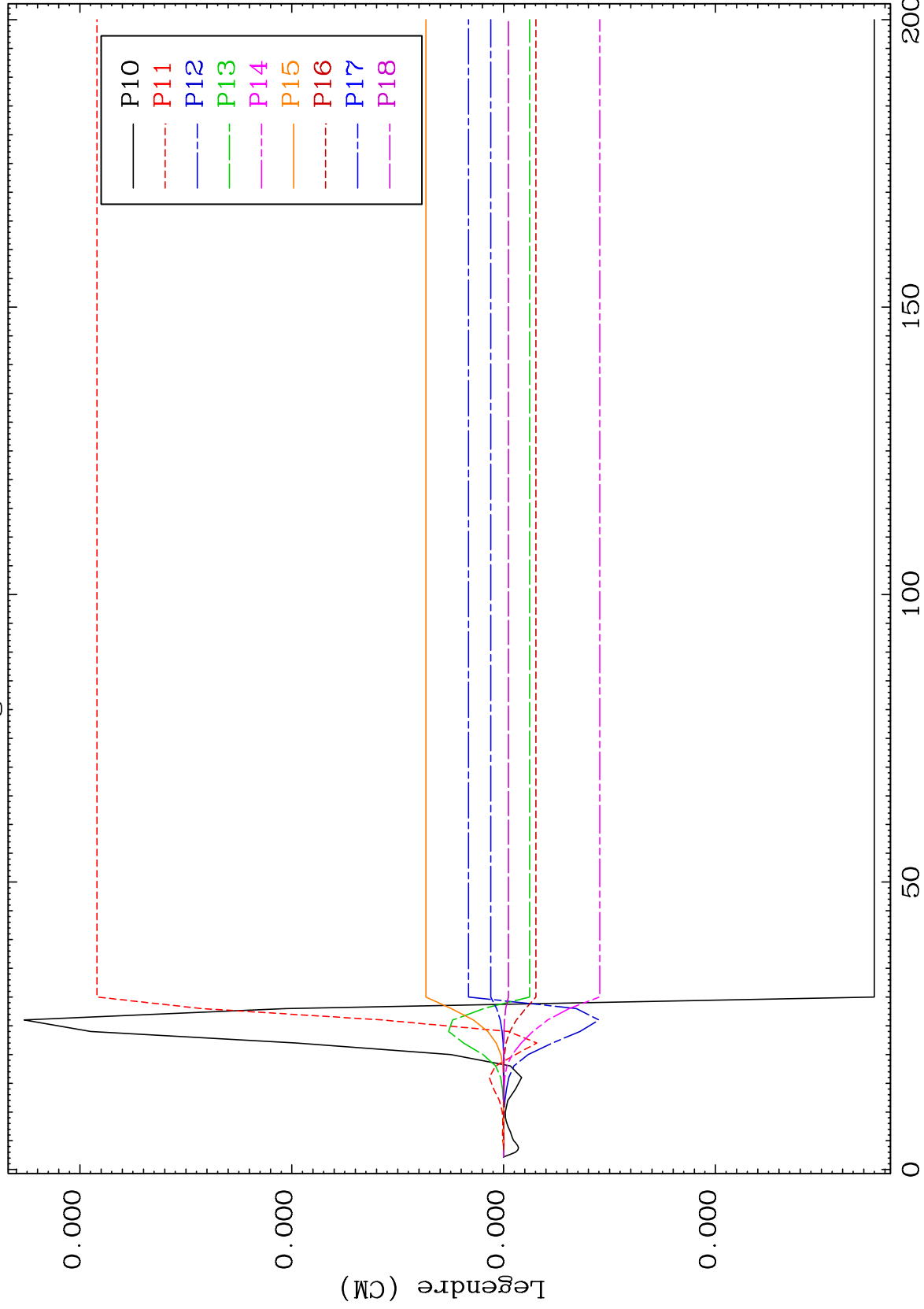




MAT 8786

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

88-Ra-210



43

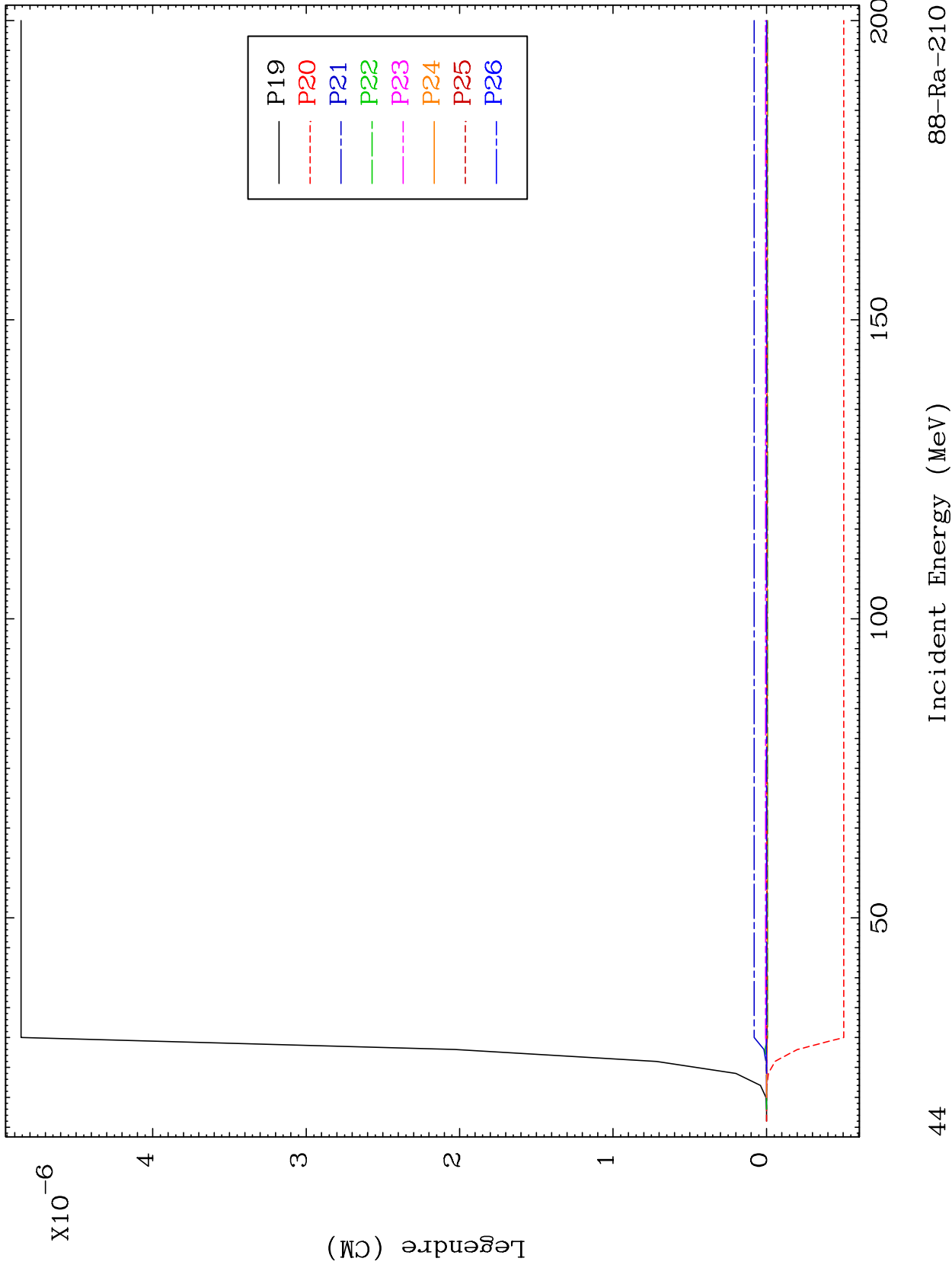
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

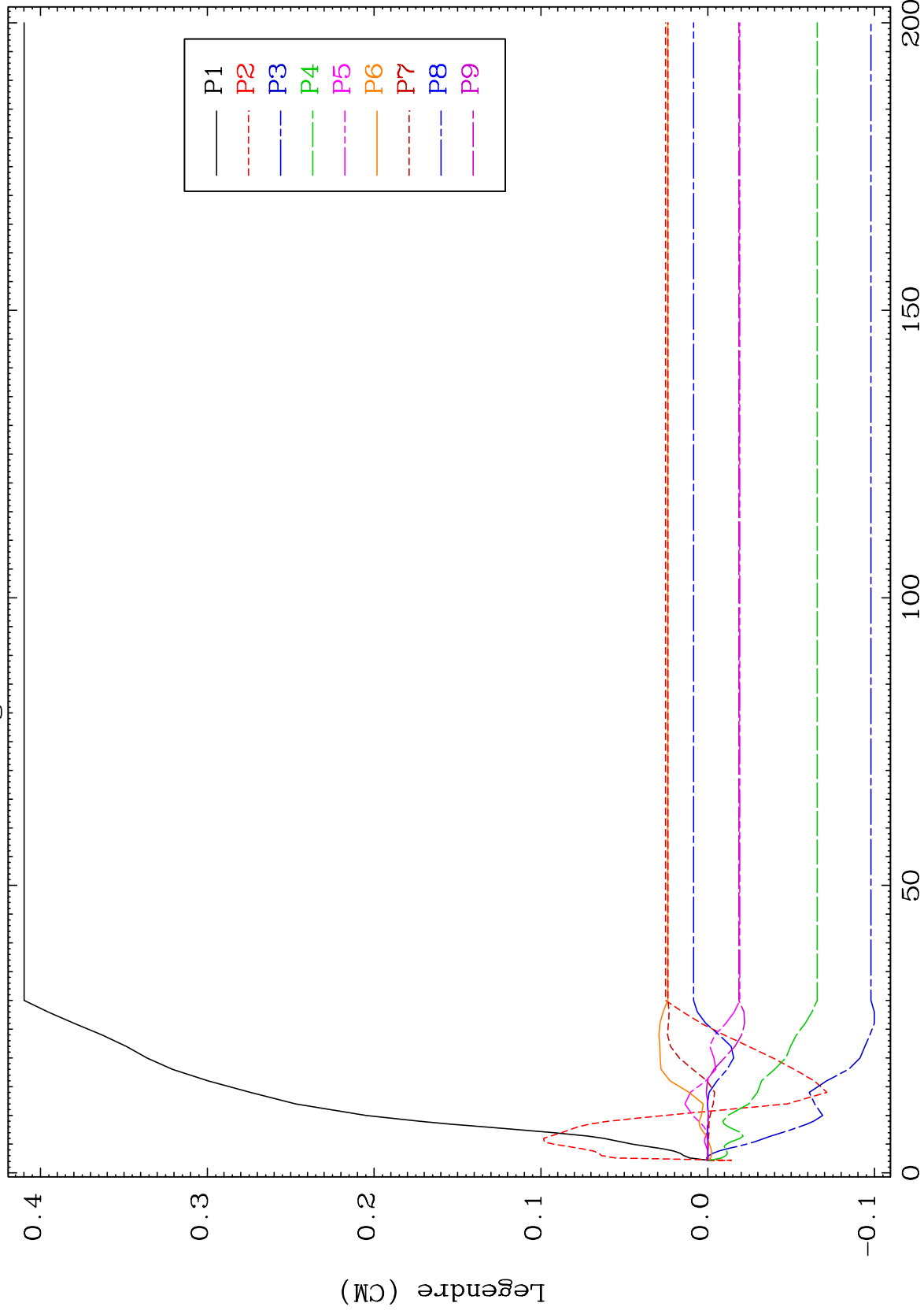
88-Ra-210



MAT 8786

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

88-Ra-210



45

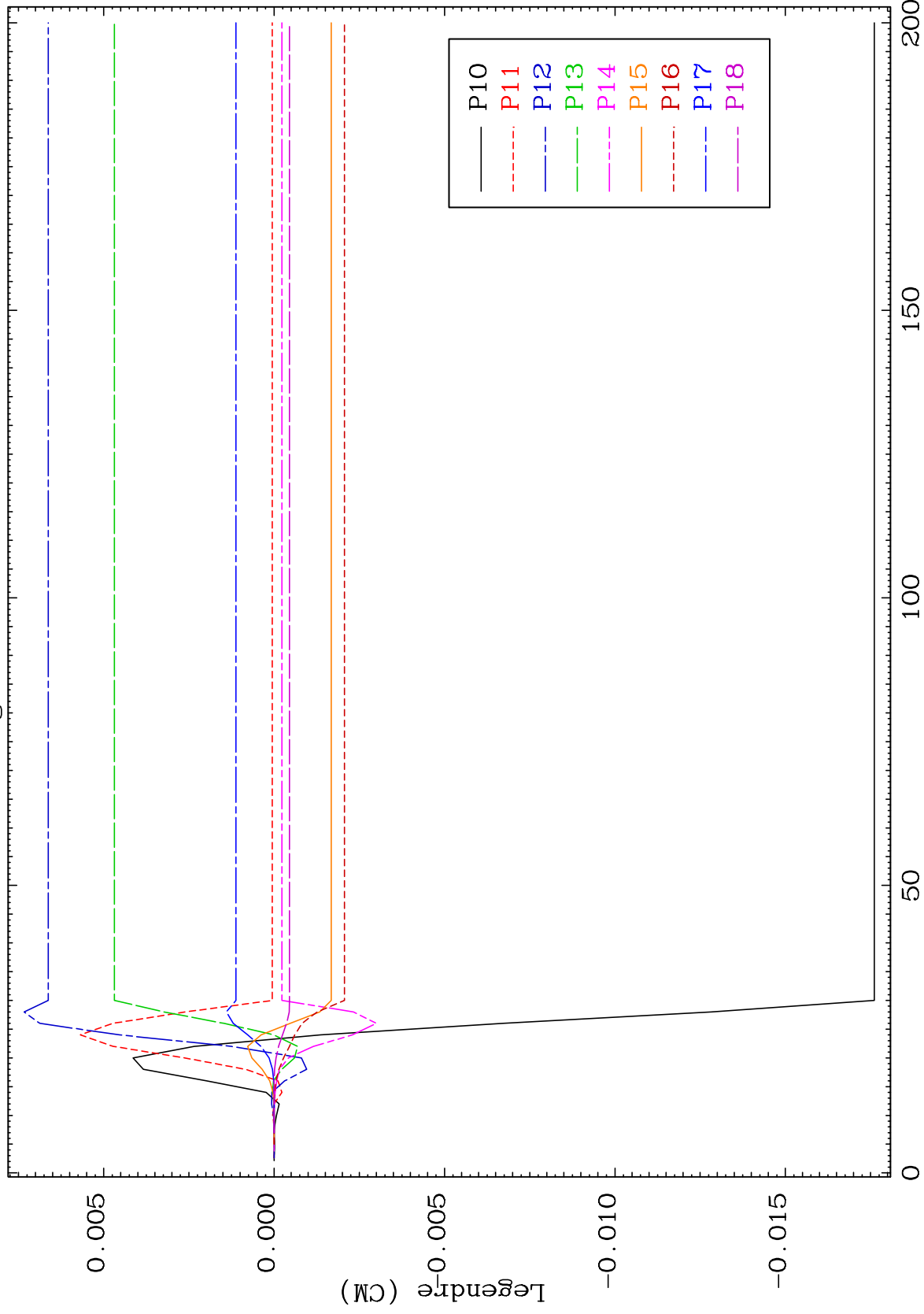
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



46

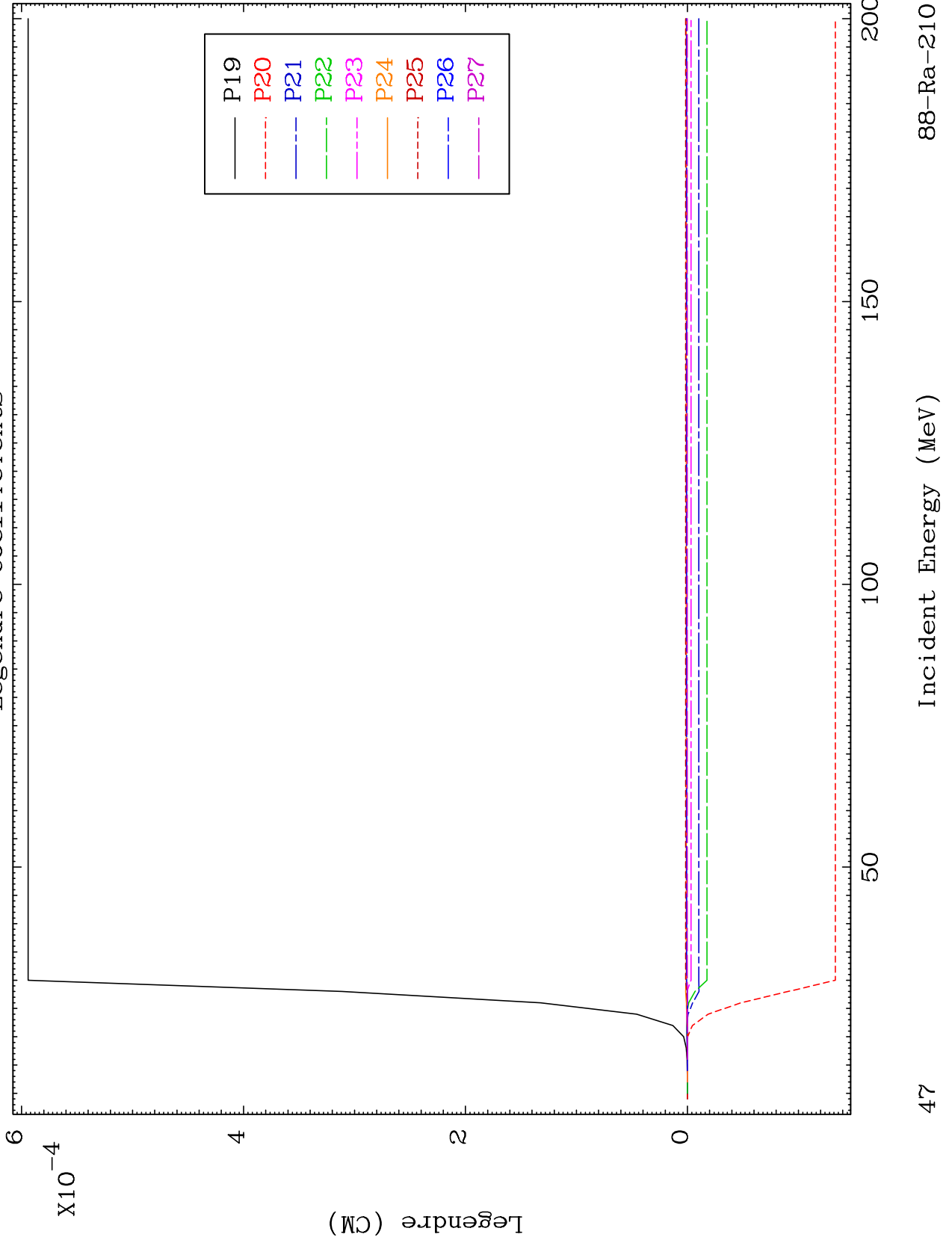
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210

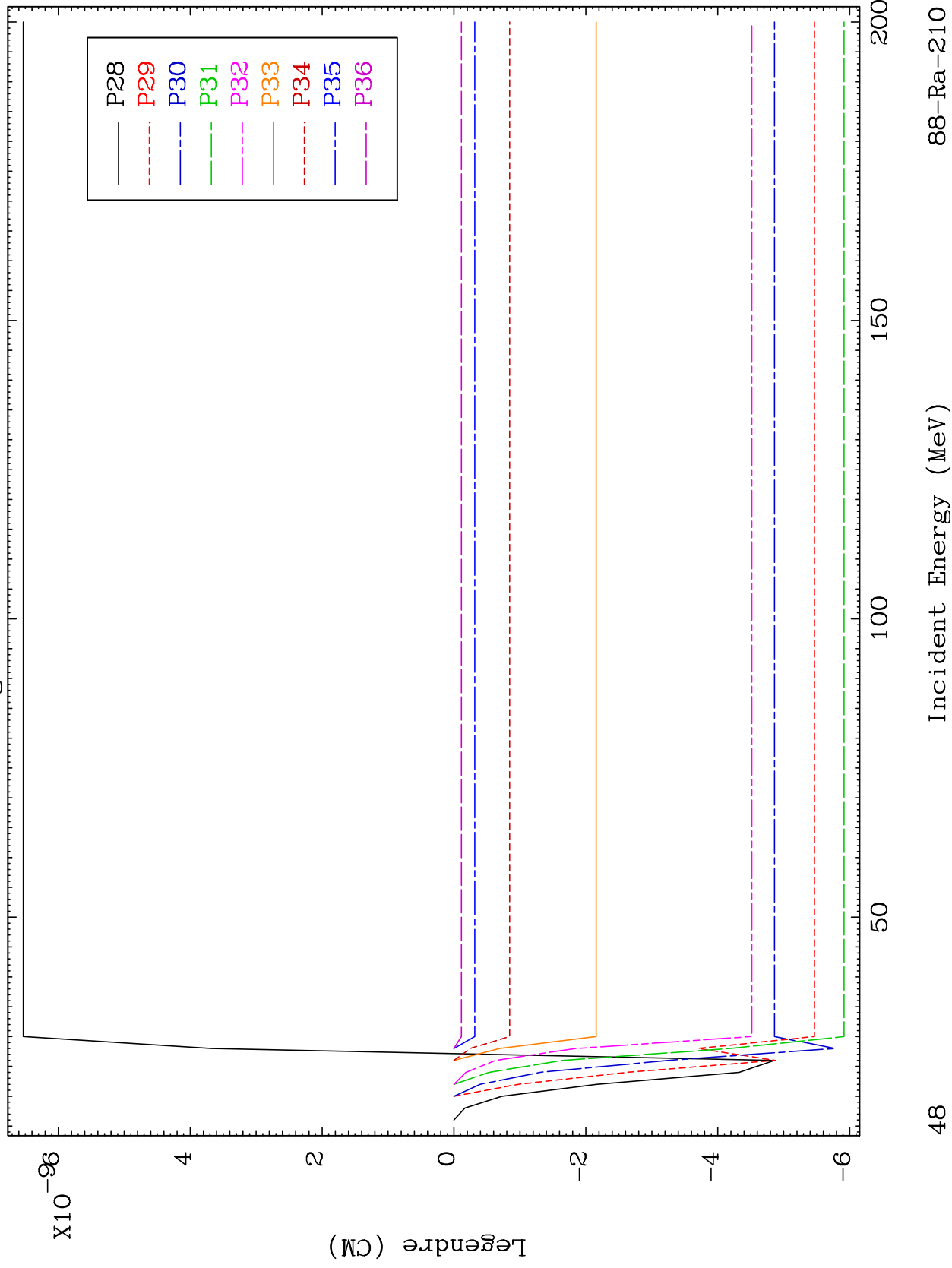




MAT 8786

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

88-Ra-210



48

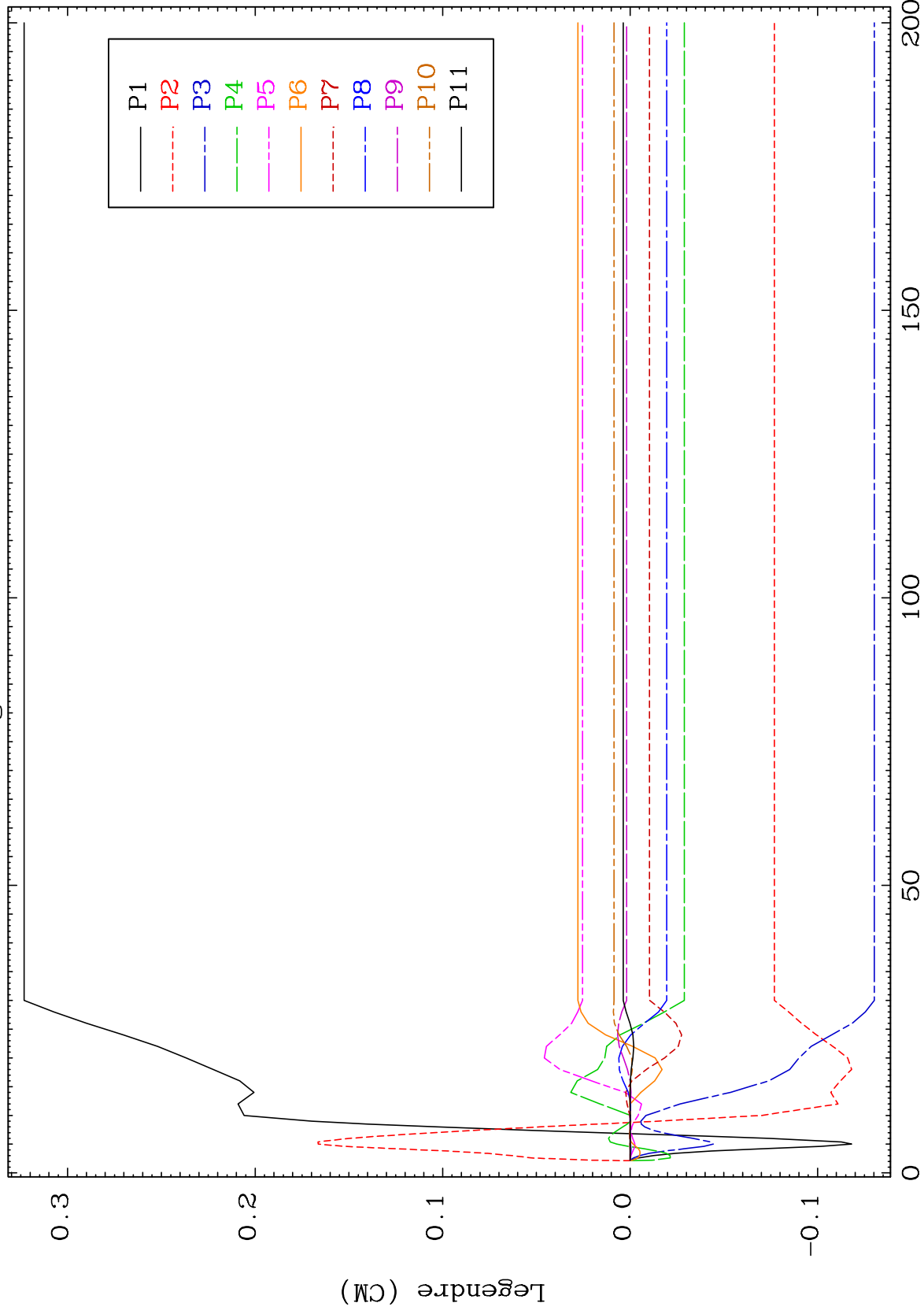
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



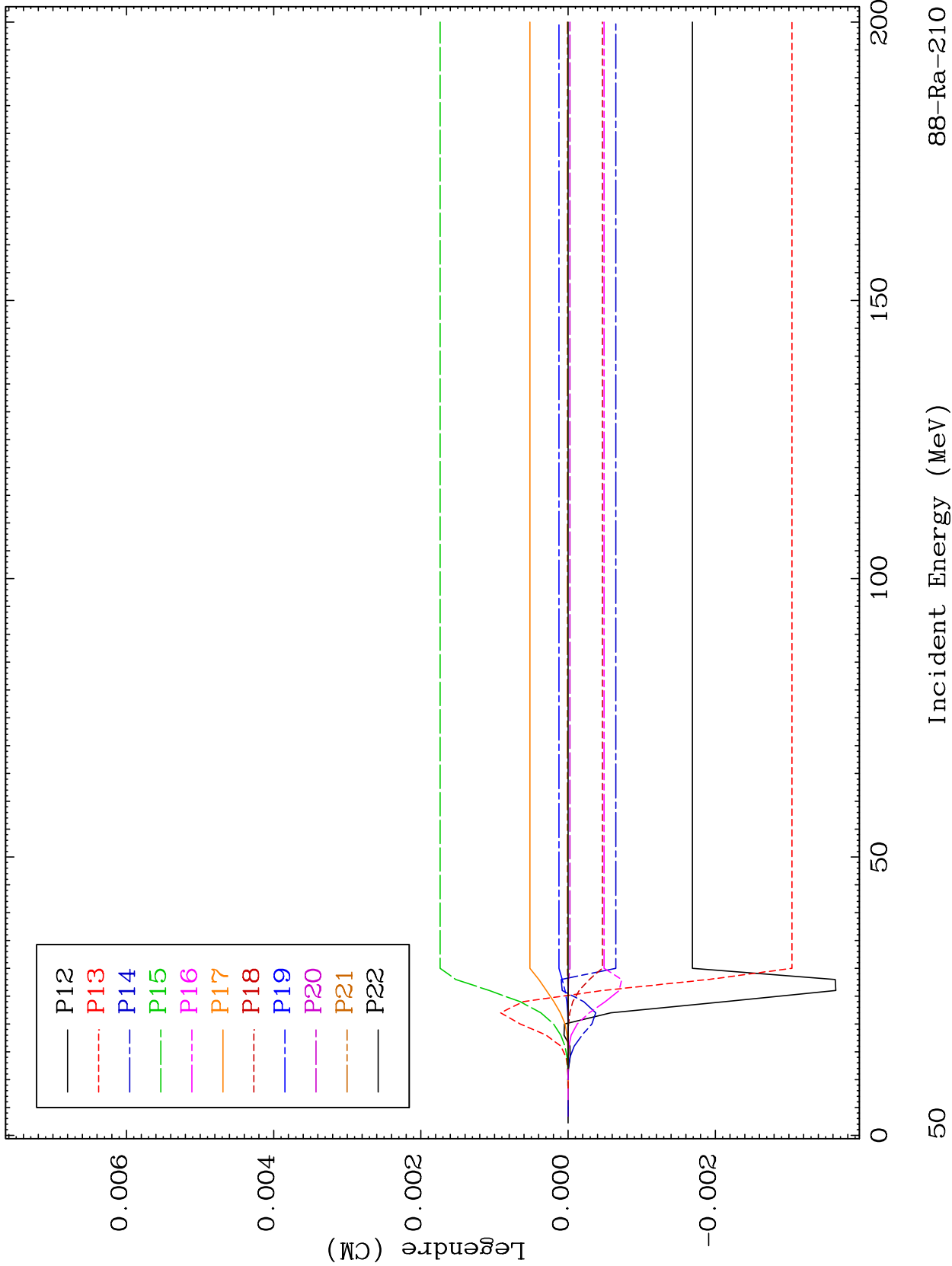
49

88-Ra-210

MAT 8786

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

88-Ra-210

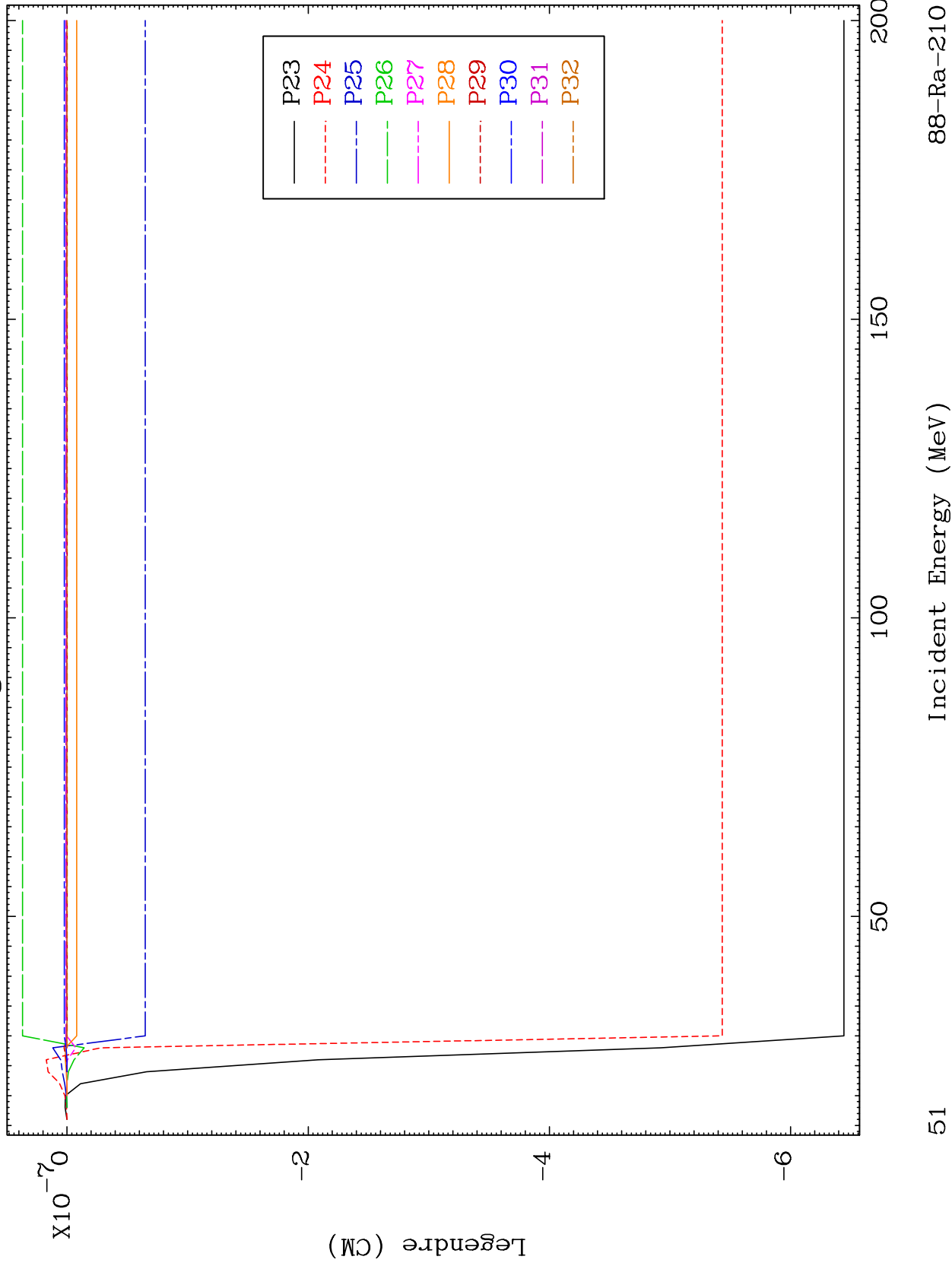


88-Ra-210

MAT 8786

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

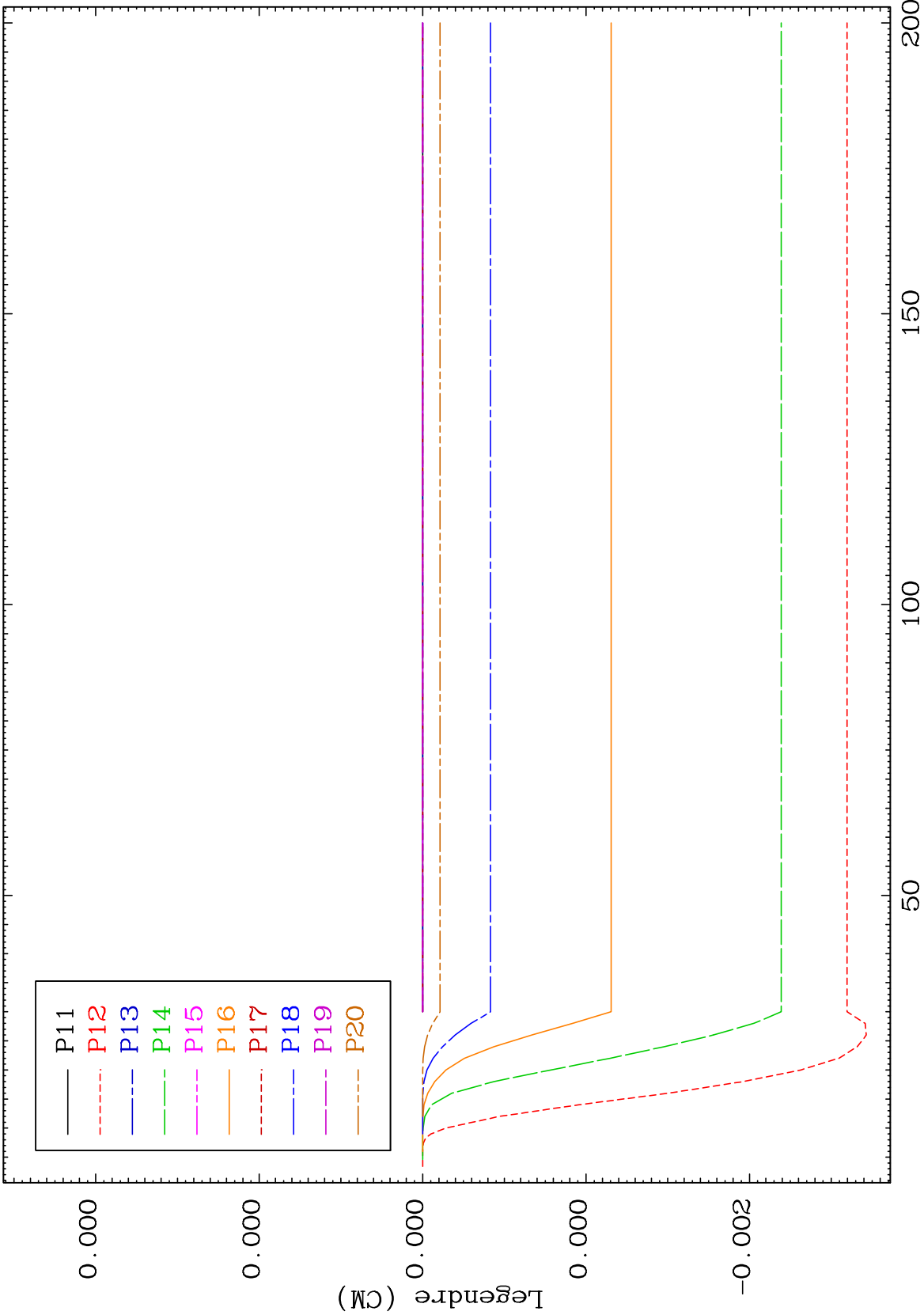
88-Ra-210



51

88-Ra-210



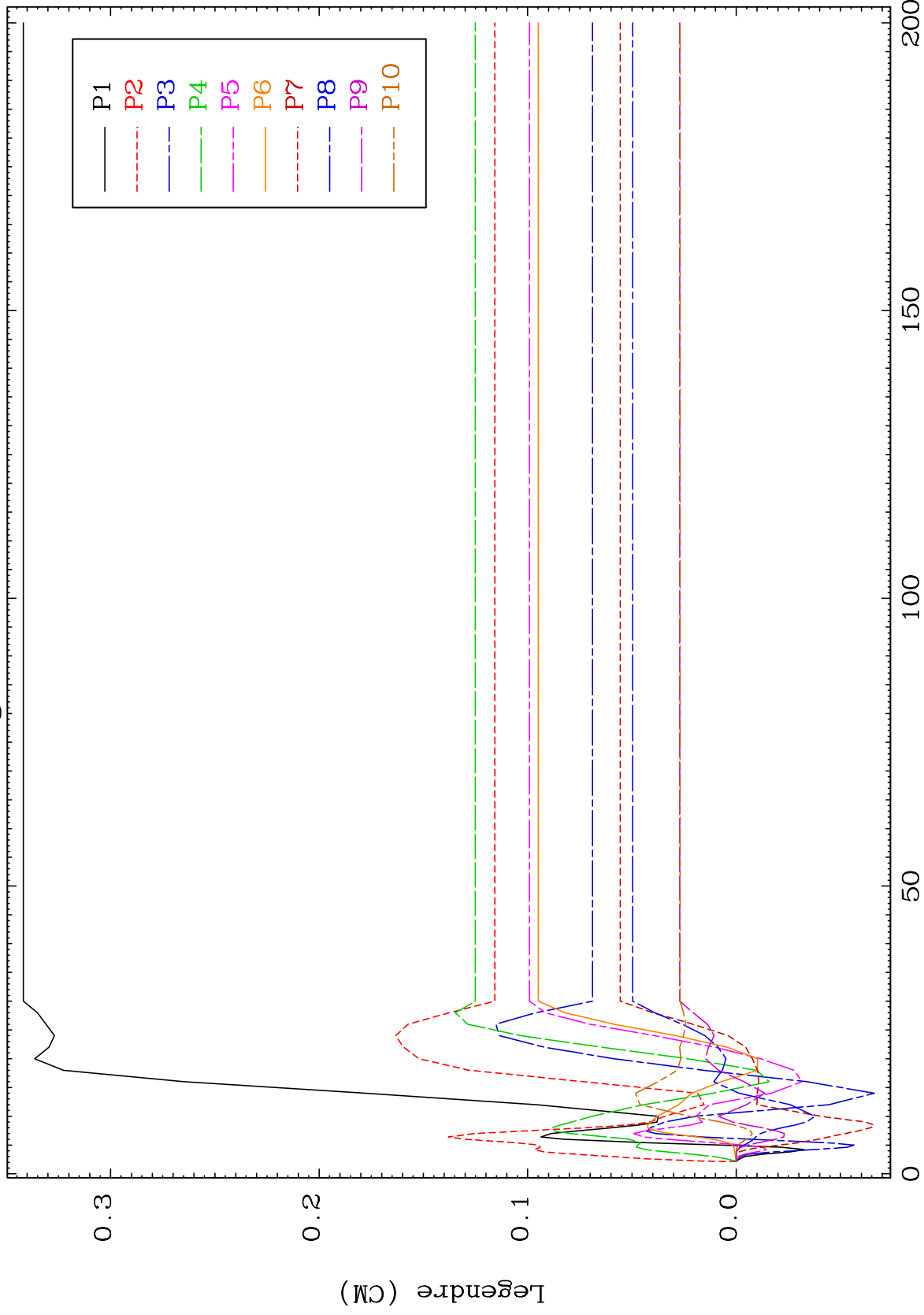




MAT 8786

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

88-Ra-210



88-Ra-210

Incident Energy (MeV)

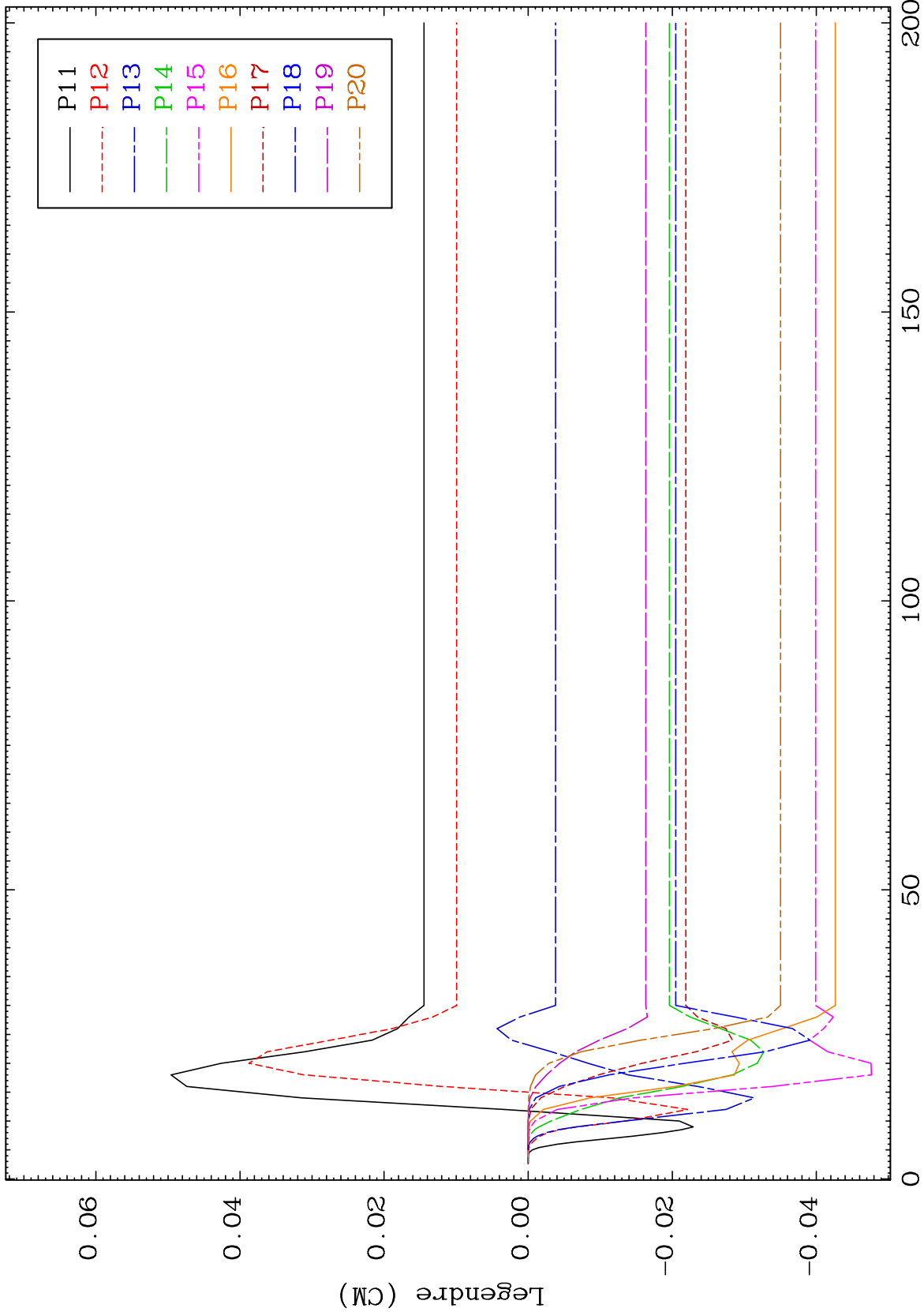
55



MAT 8786

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

88-Ra-210



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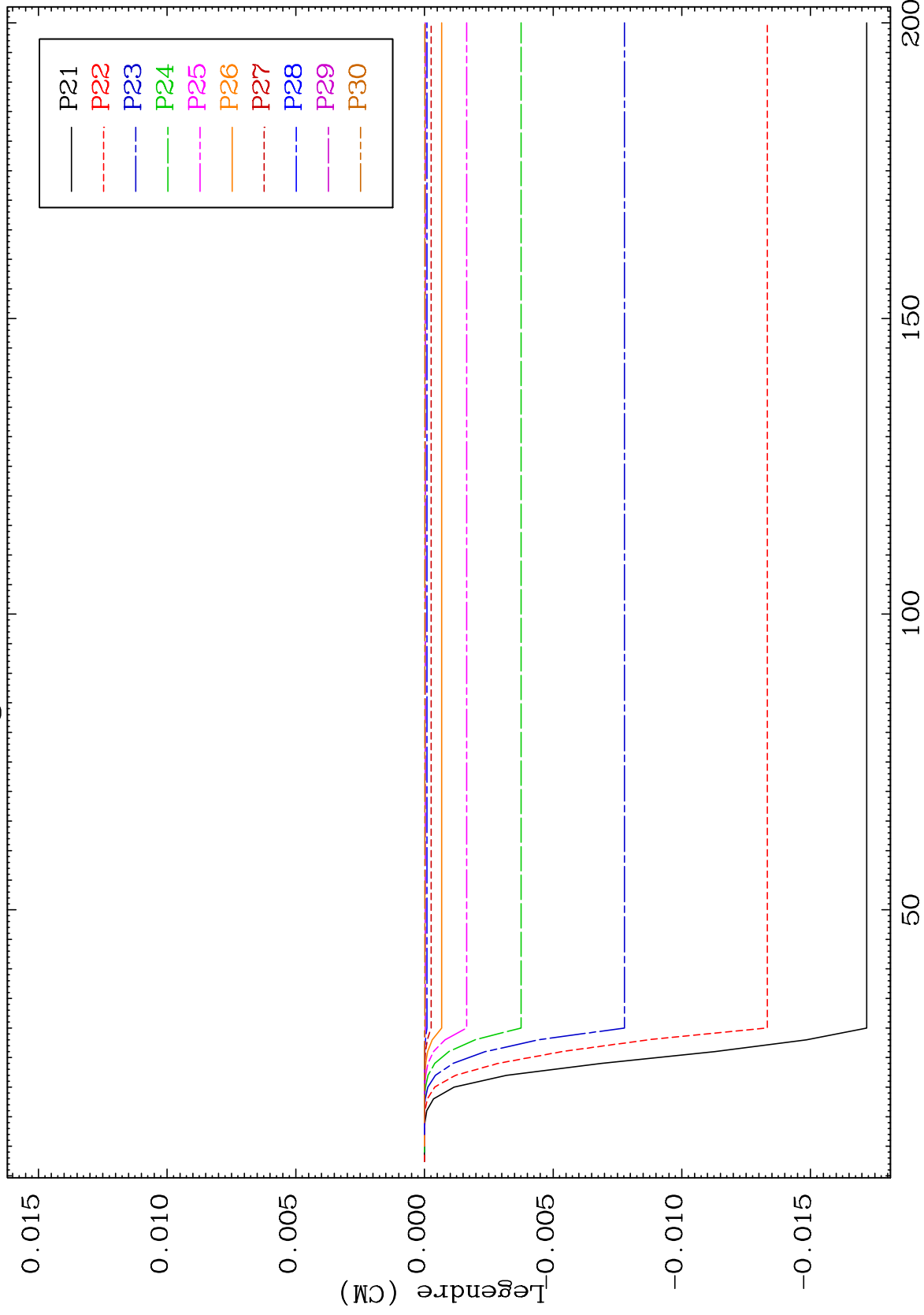
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

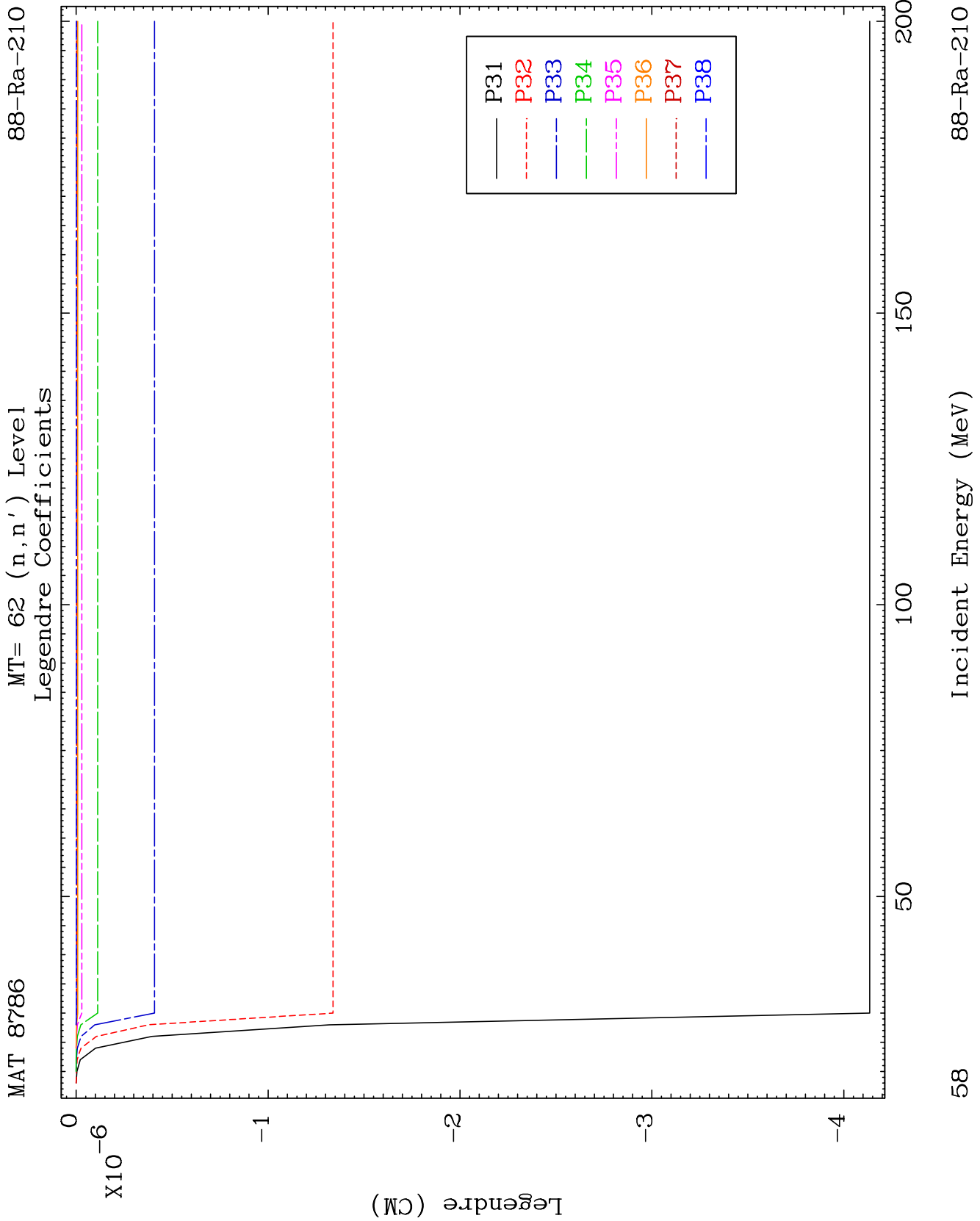
88-Ra-210



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Incident Energy (MeV)

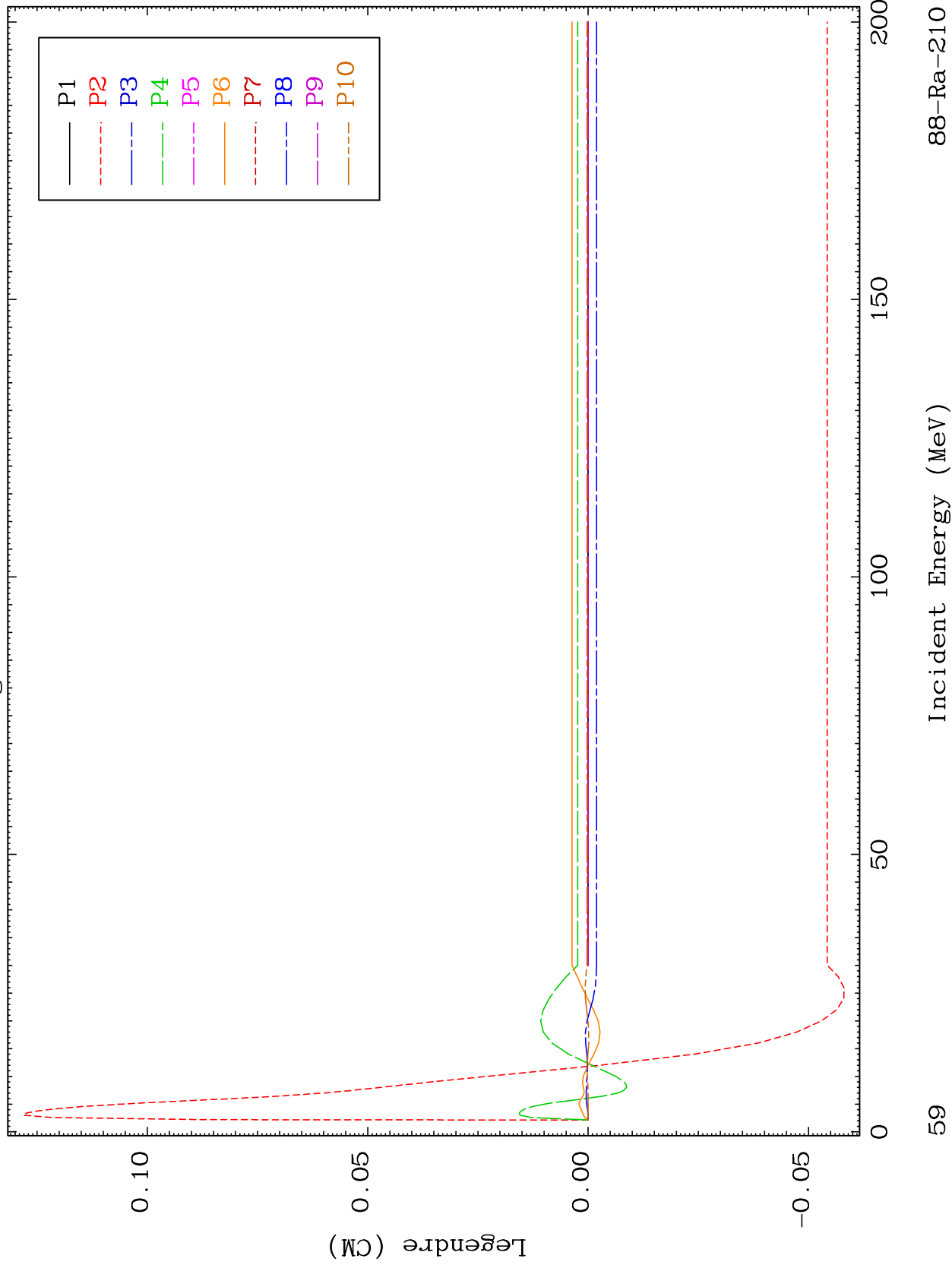
88-Ra-210



MAT 8786

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

88-Ra-210



88-Ra-210

Incident Energy (MeV)

59

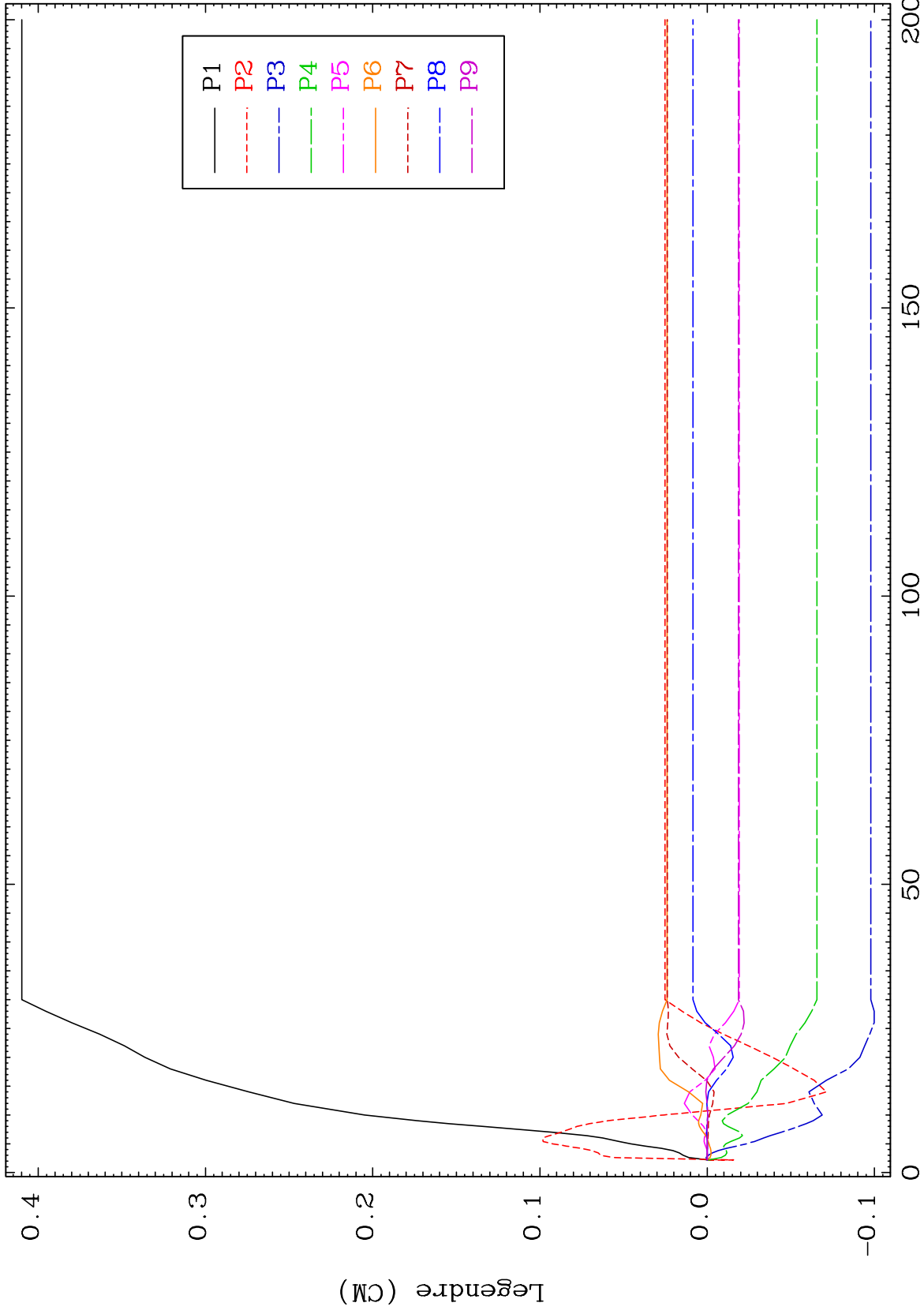




MAT 8786

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

88-Ra-210



62

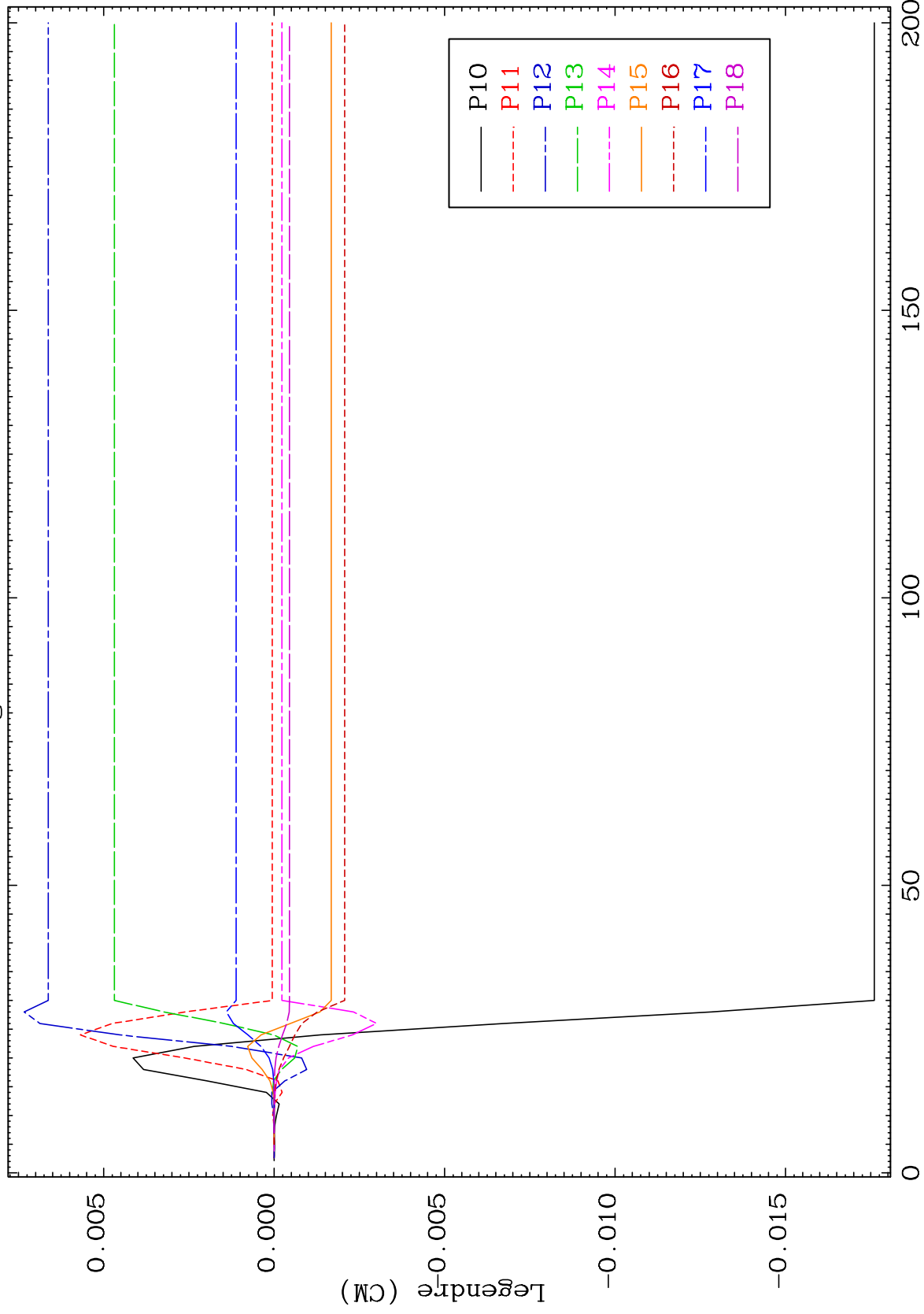
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



63

Incident Energy (MeV)

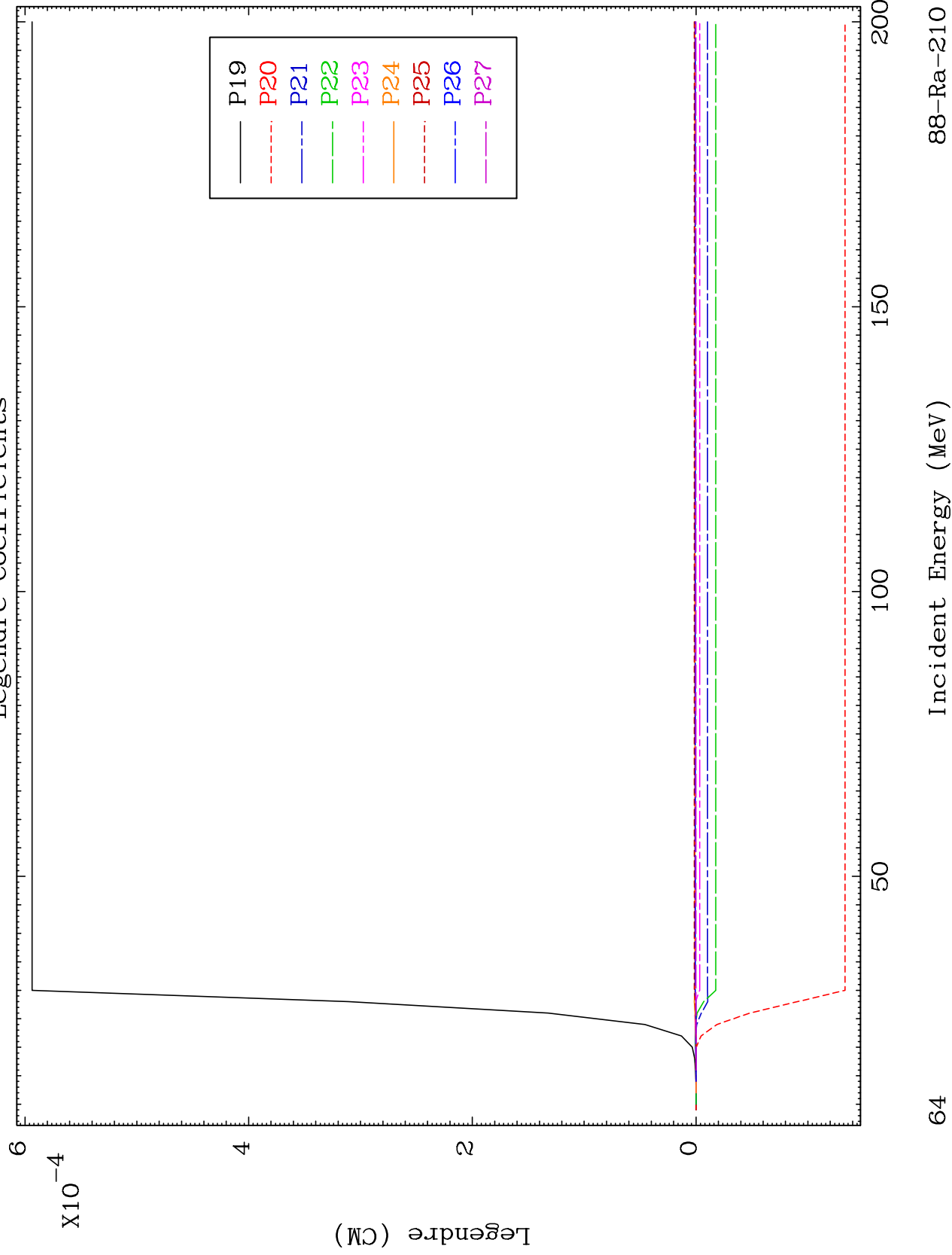
88-Ra-210



MAT 8786

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

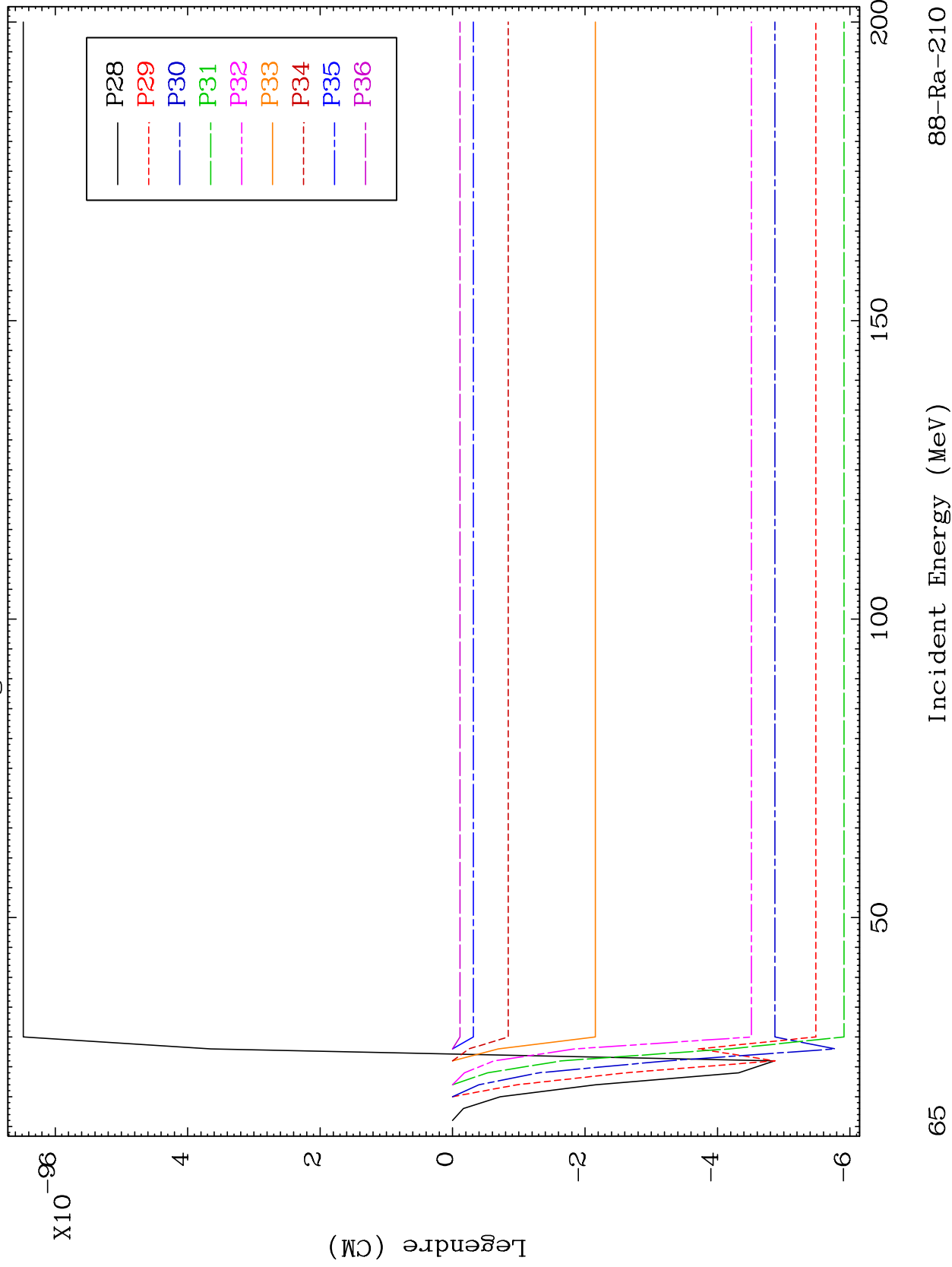
88-Ra-210



MAT 8786

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

88-Ra-210

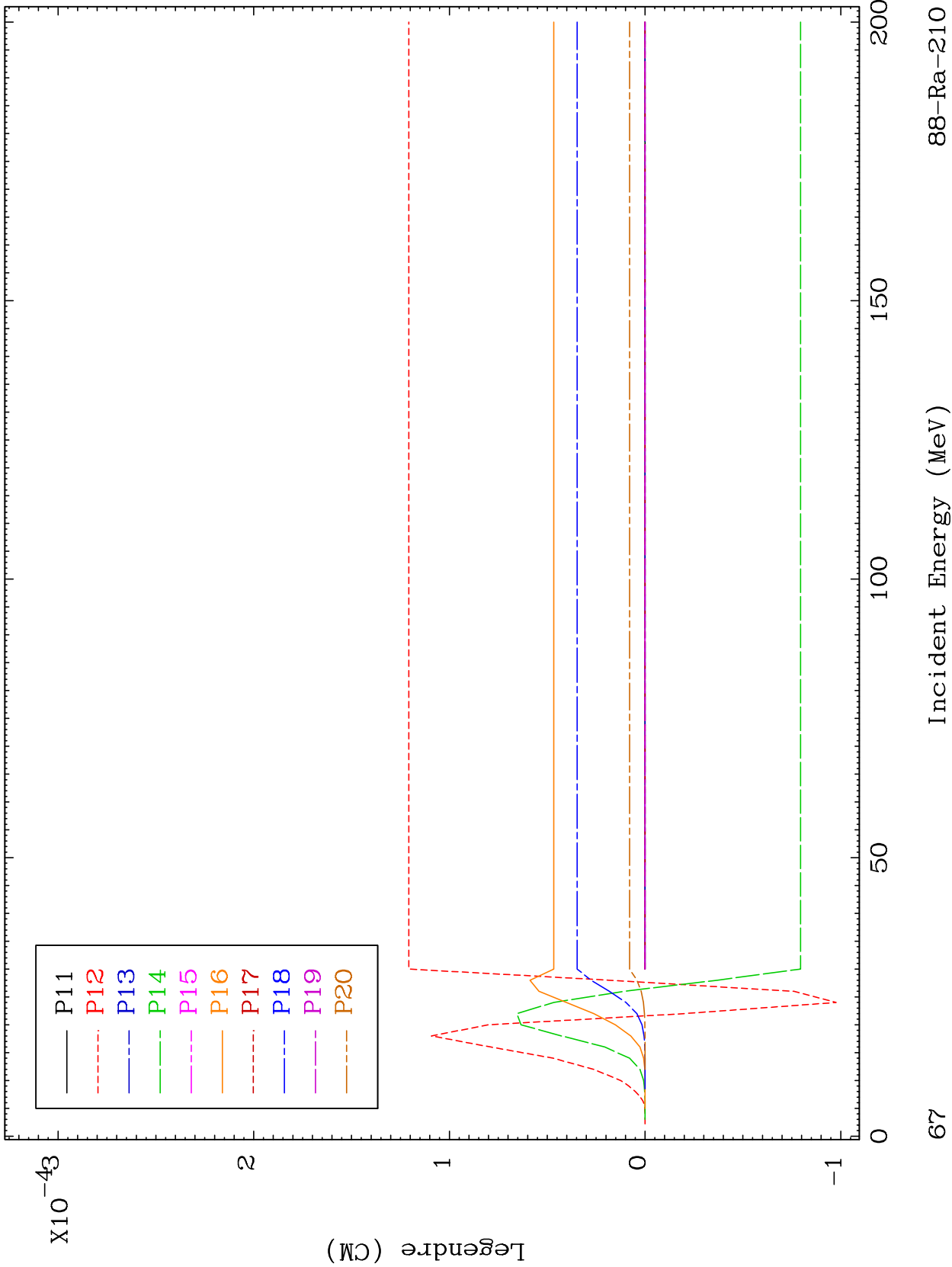




MAT 8786

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

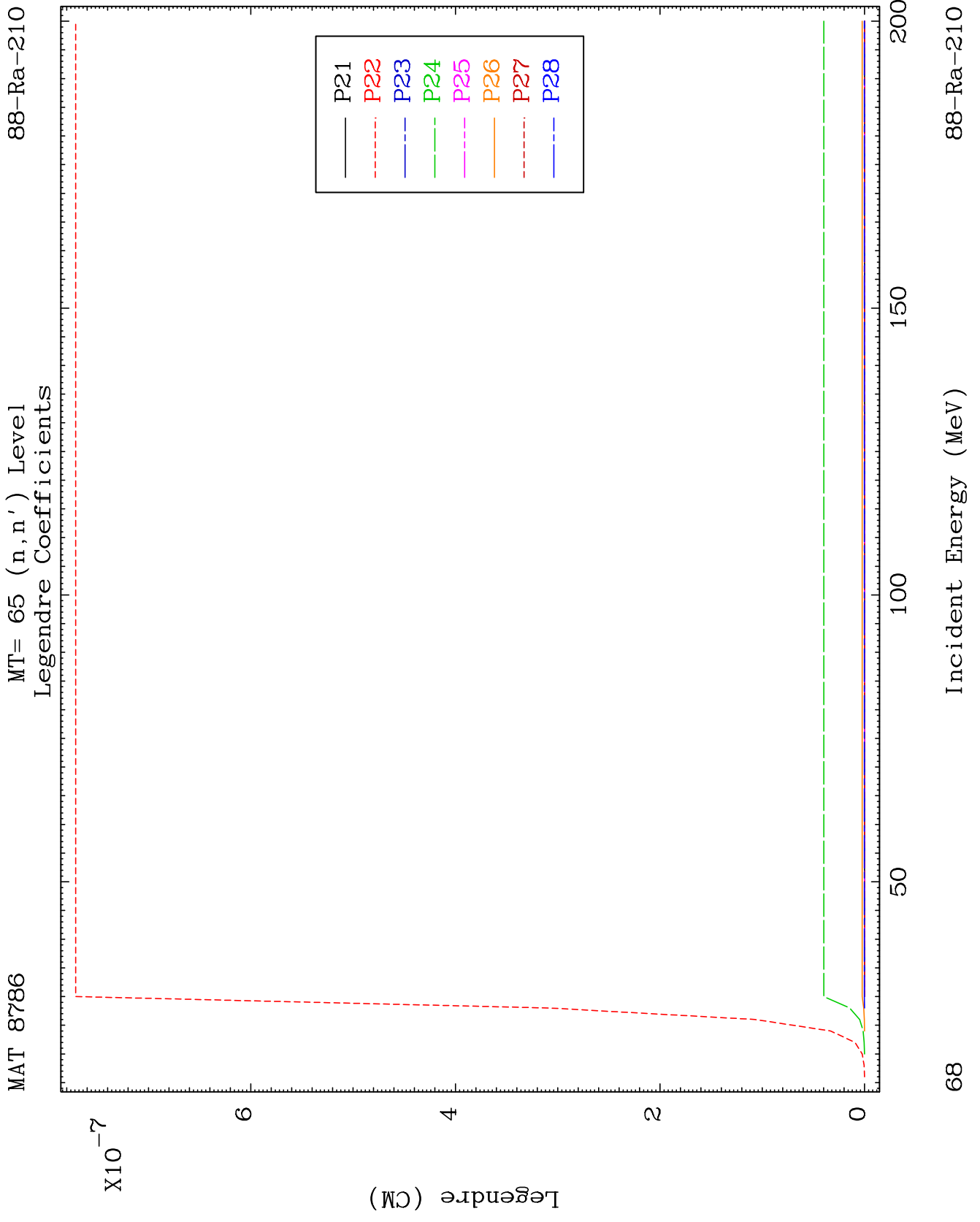
88-Ra-210

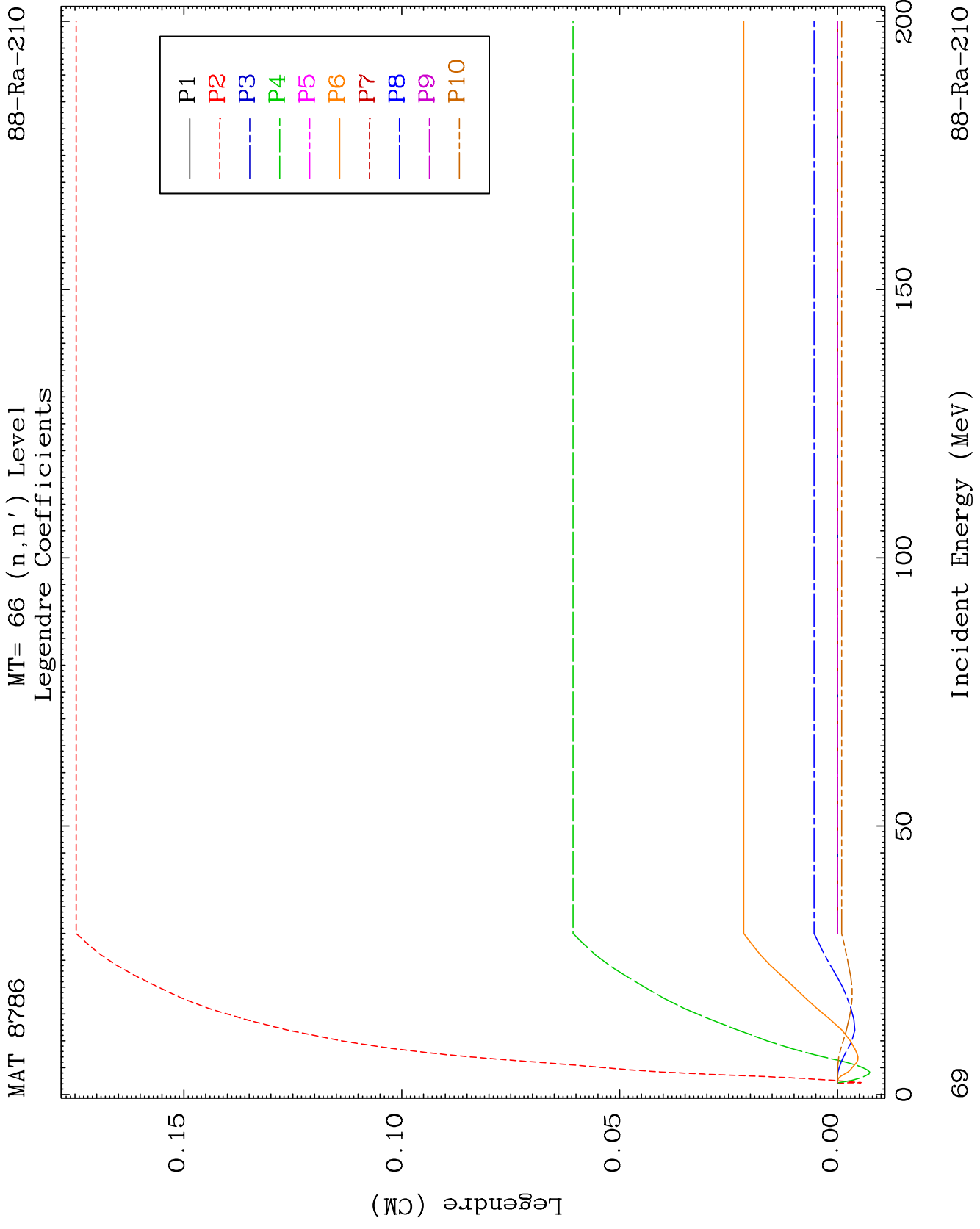


67

Incident Energy (MeV)

88-Ra-210

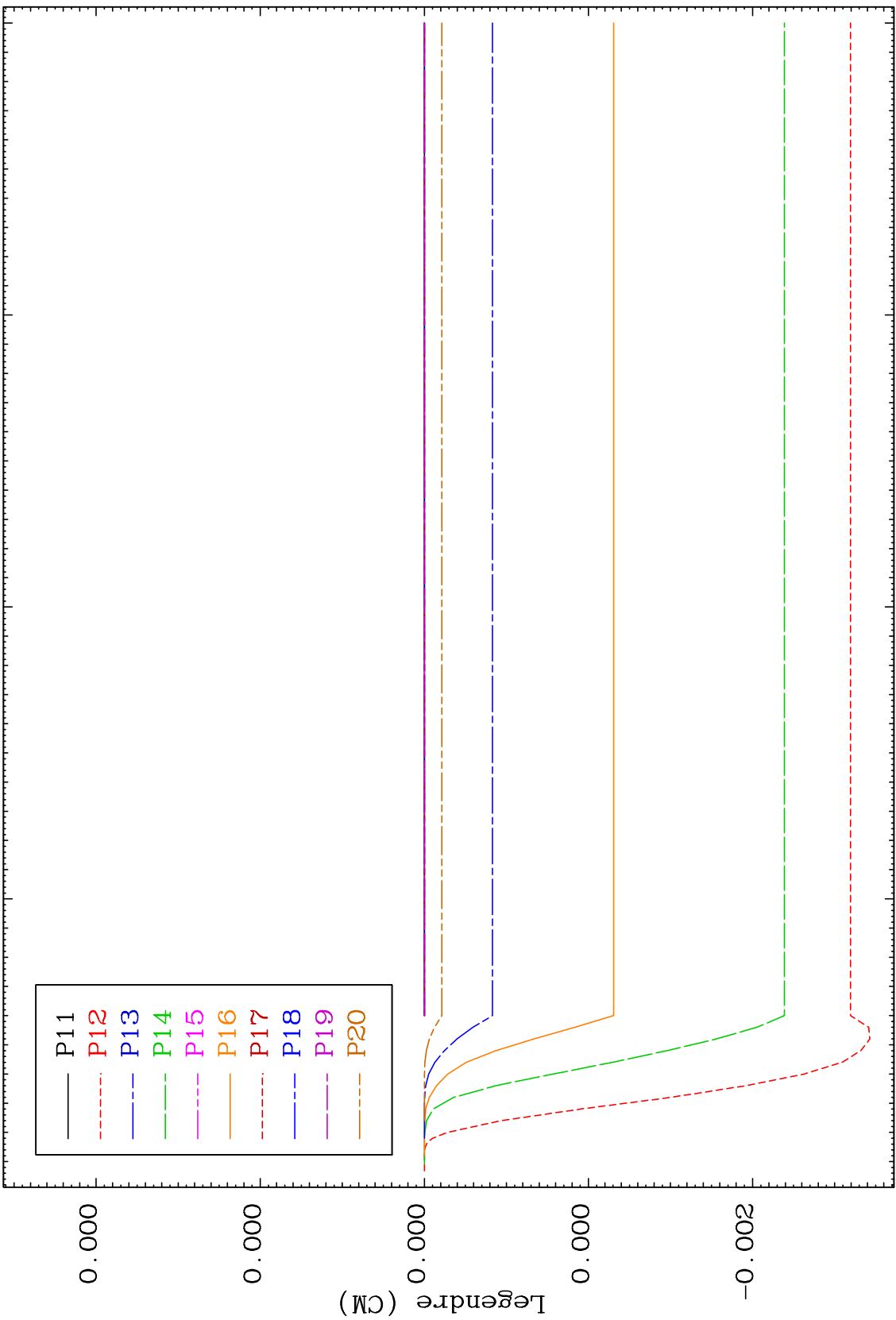




MAT 8786

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

88-Ra-210



70

Incident Energy (MeV)

88-Ra-210

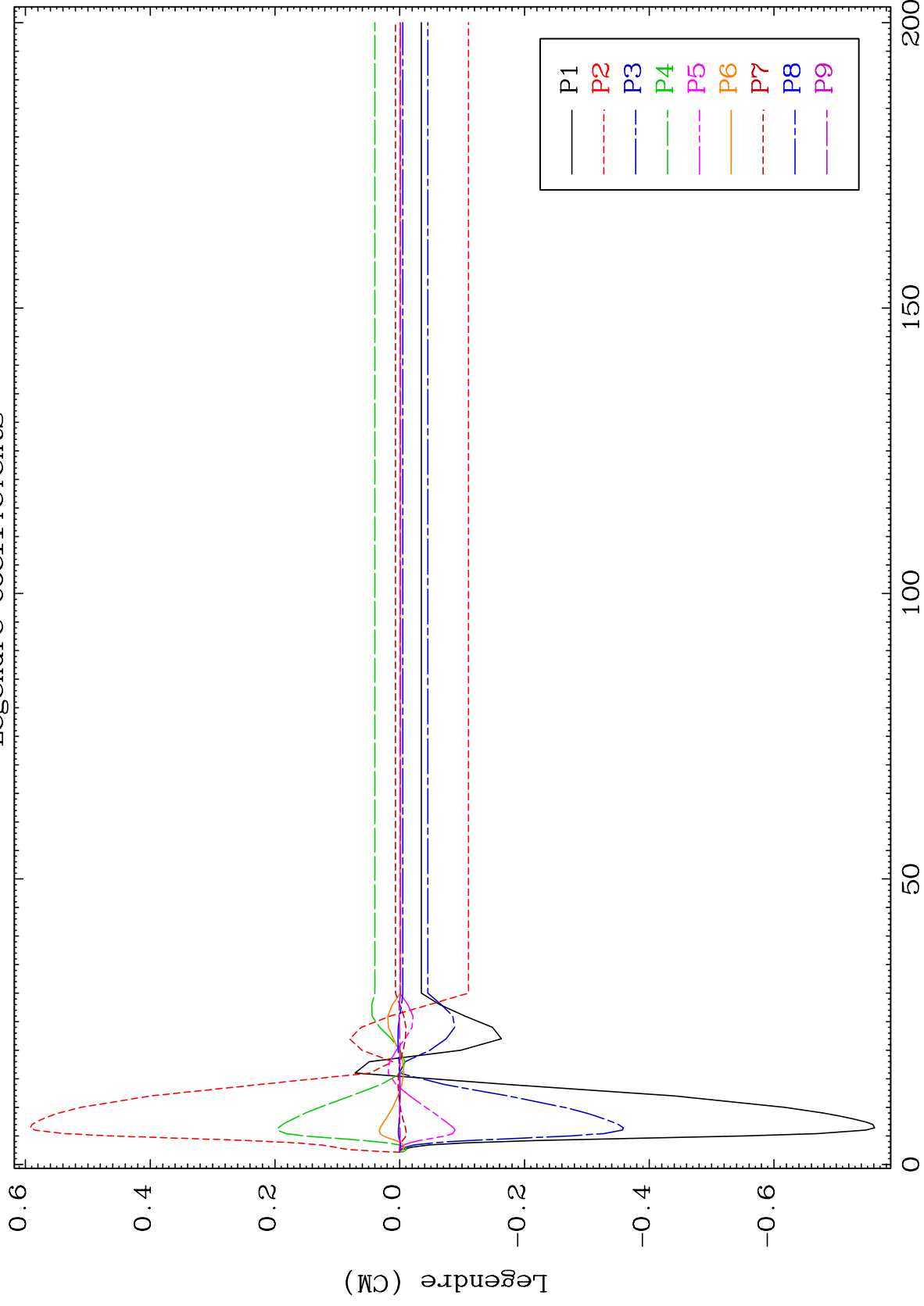




MAT 8786

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

88-Ra-210



72

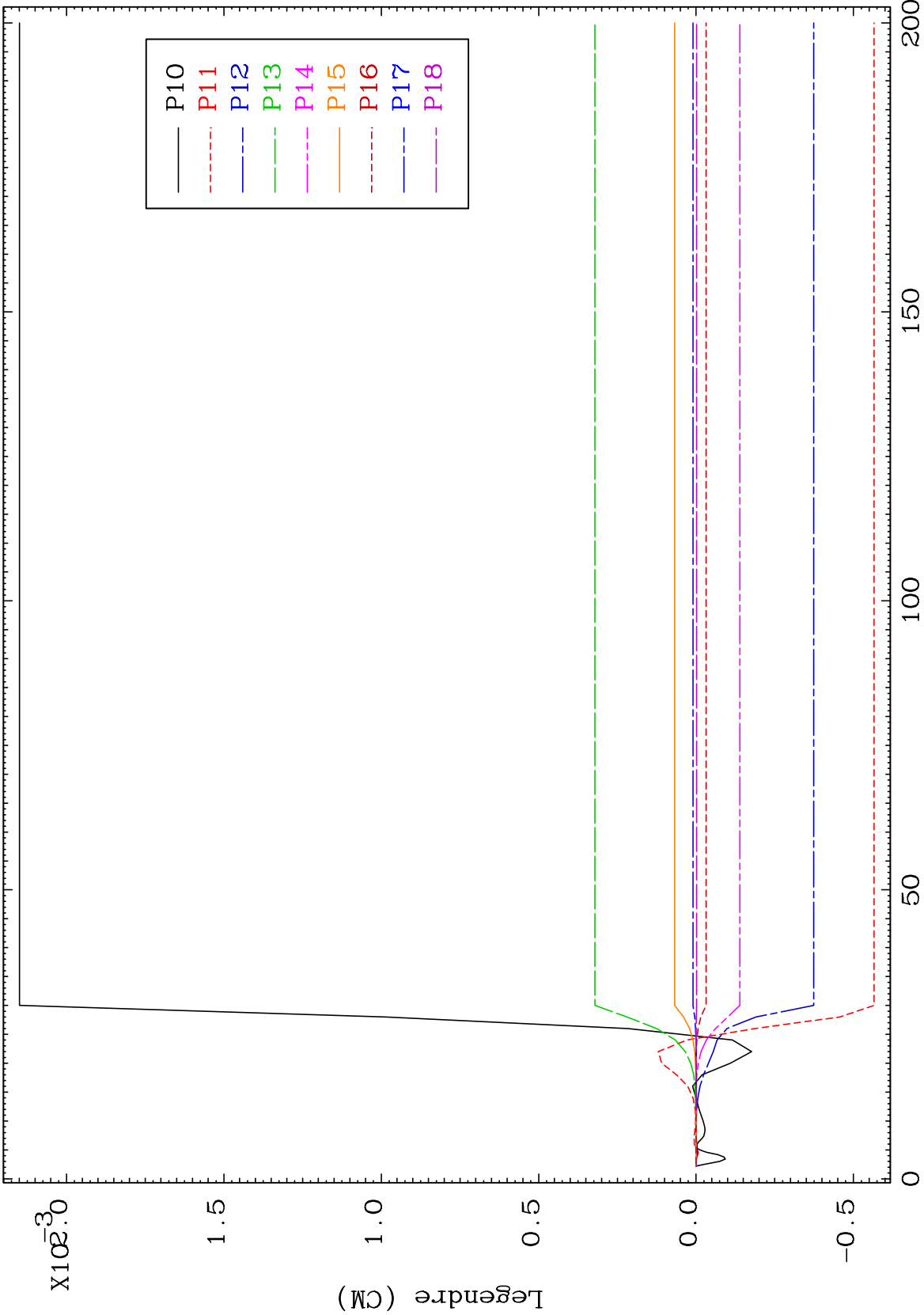
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



73

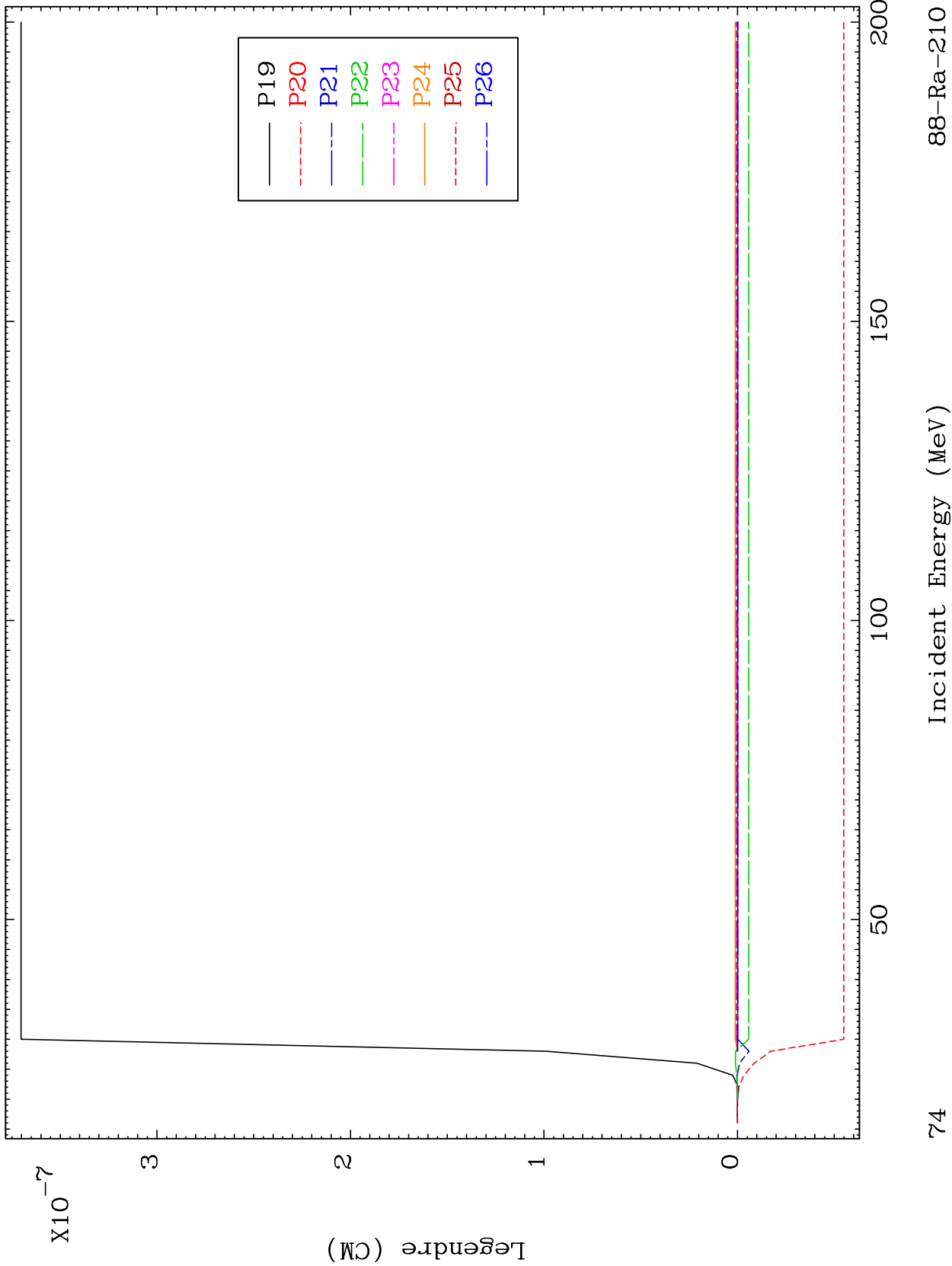
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



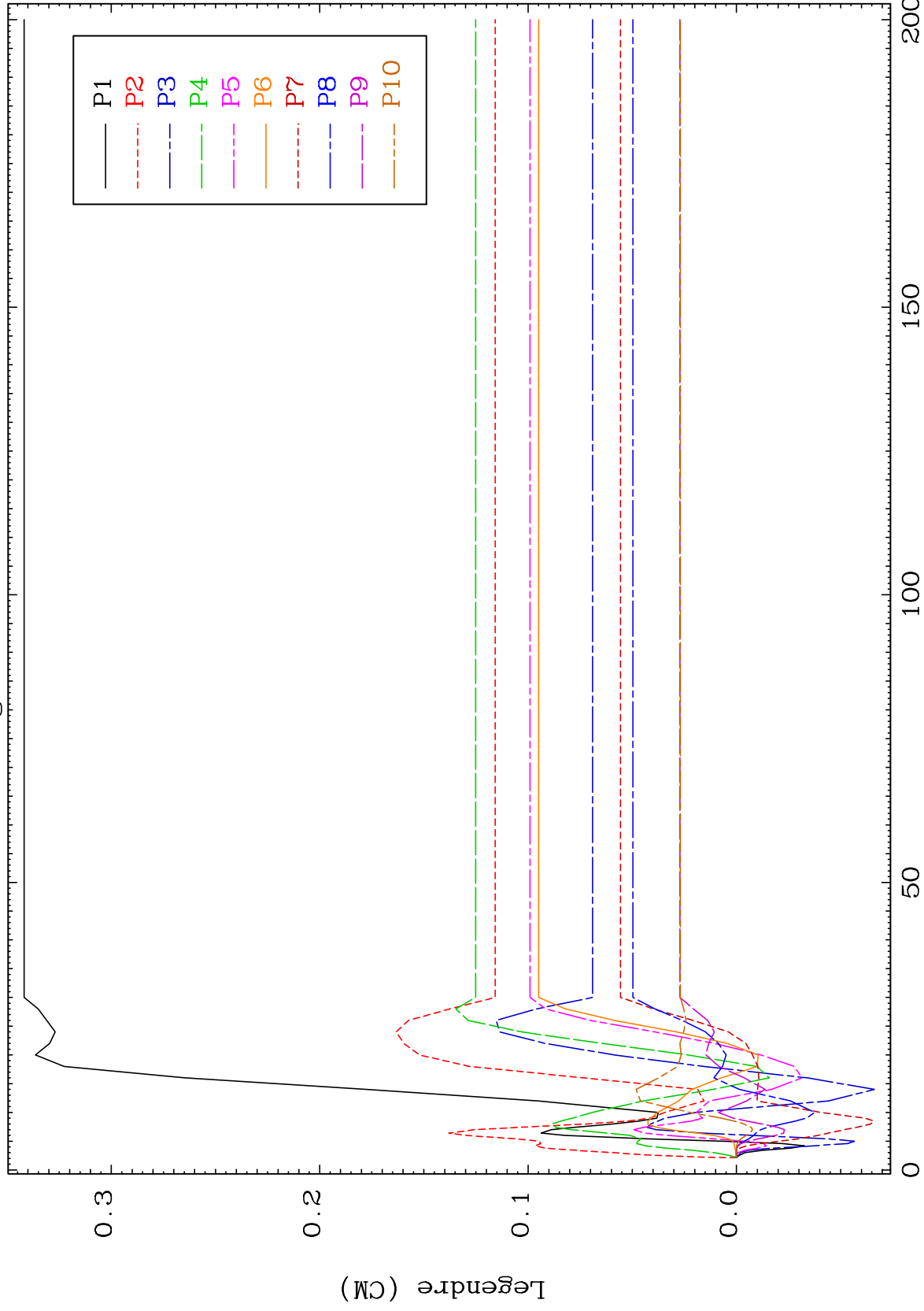
74

88-Ra-210

MAT 8786

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

88-Ra-210



75

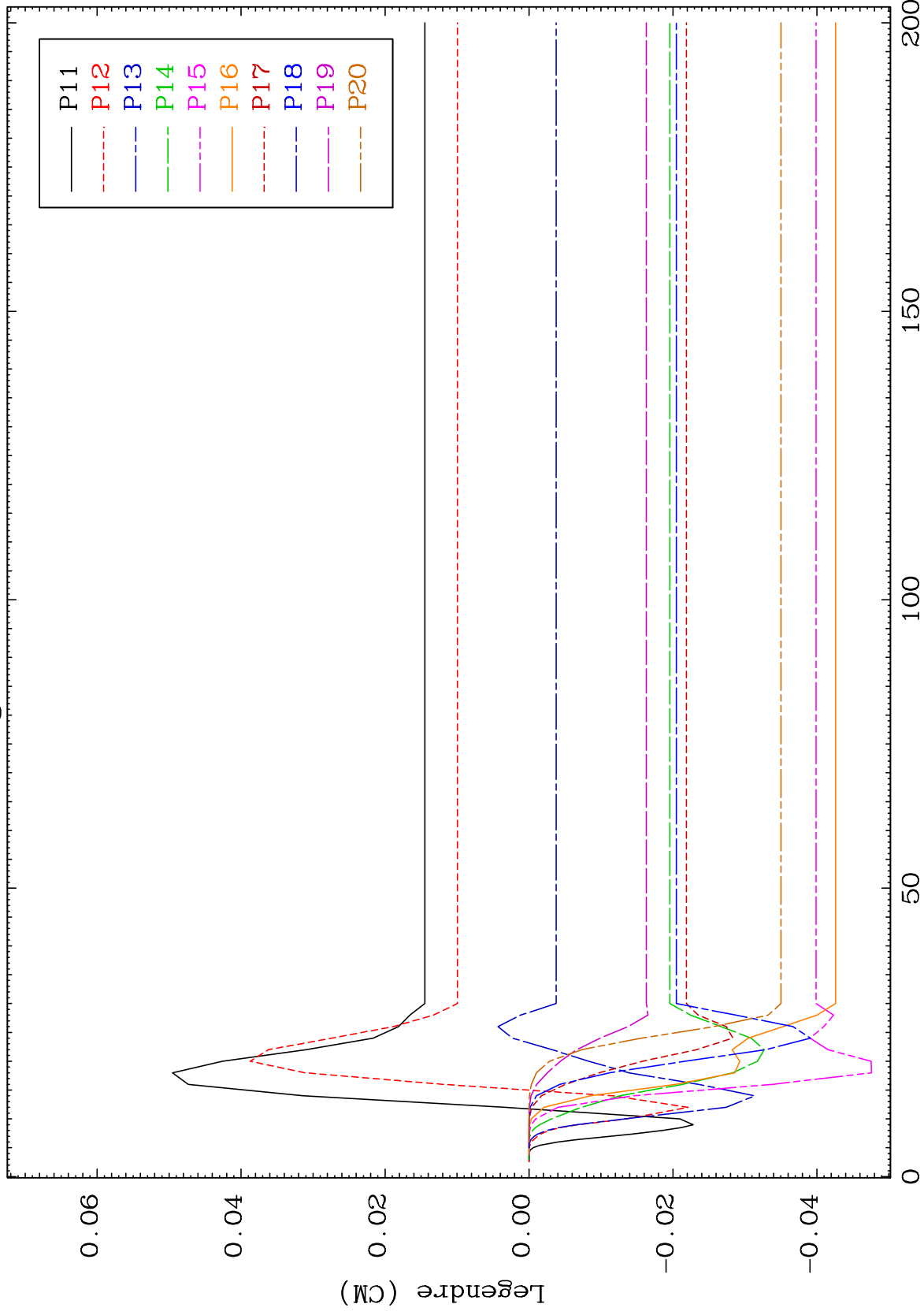
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



76

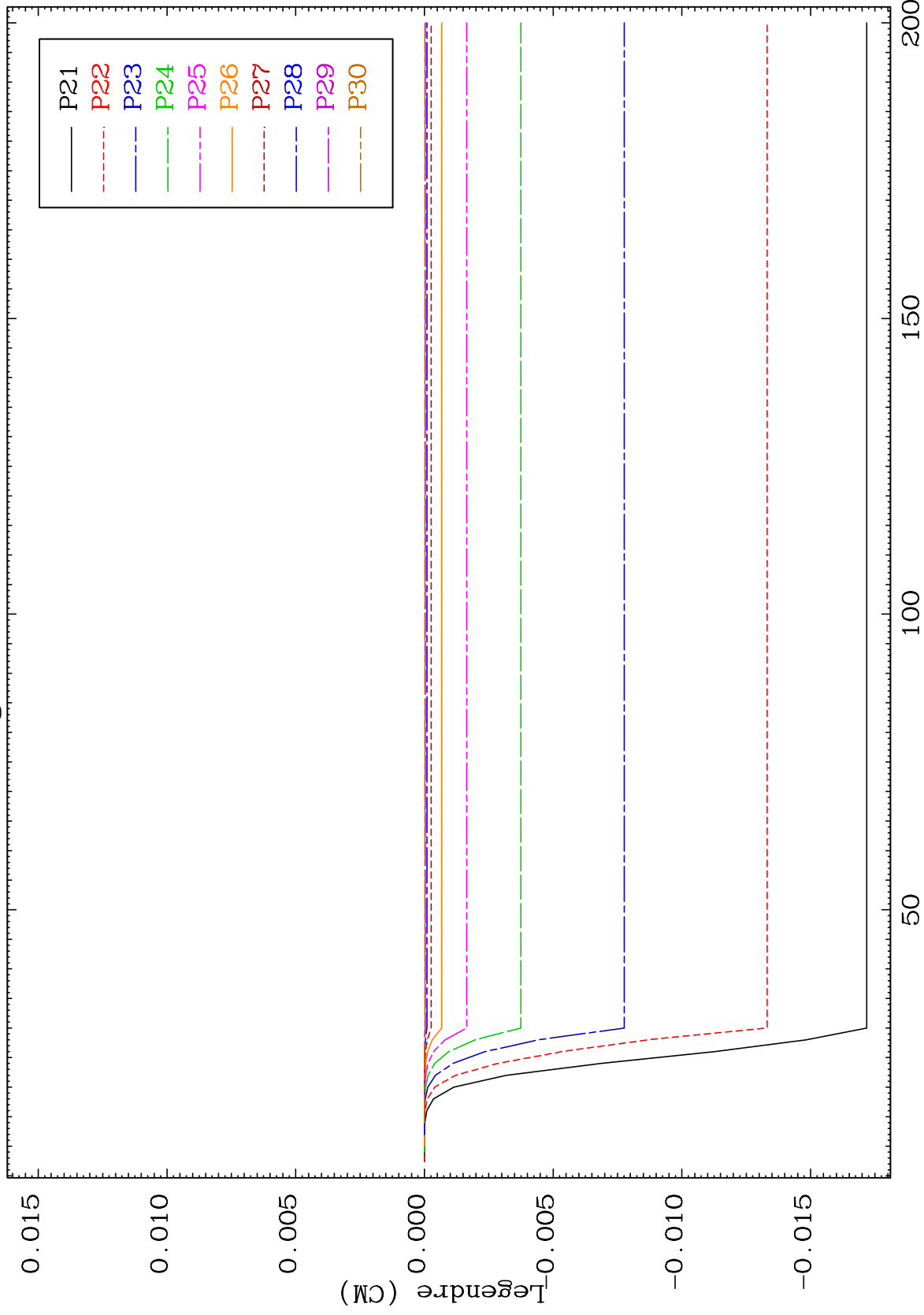
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

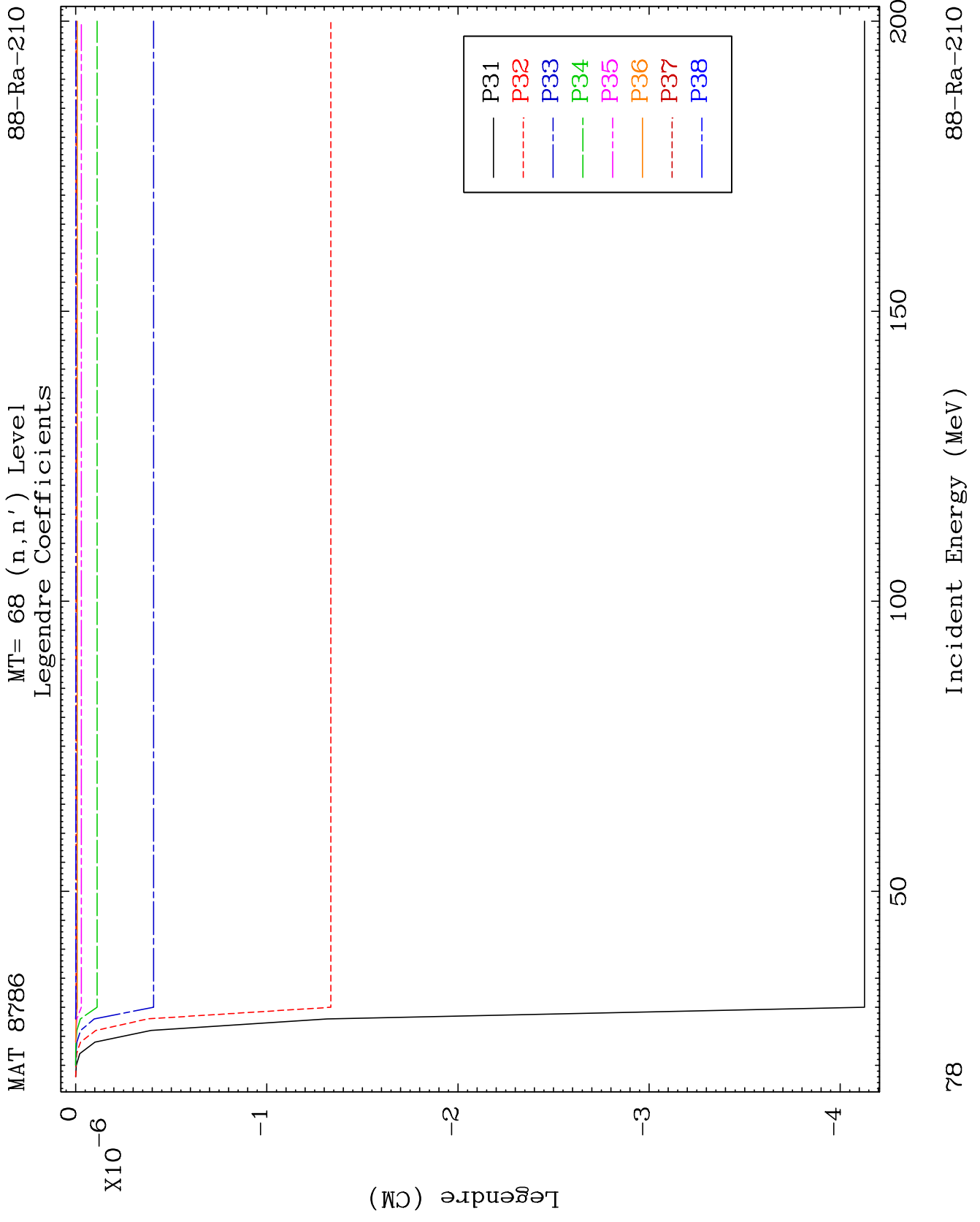
88-Ra-210



77

Incident Energy (MeV)

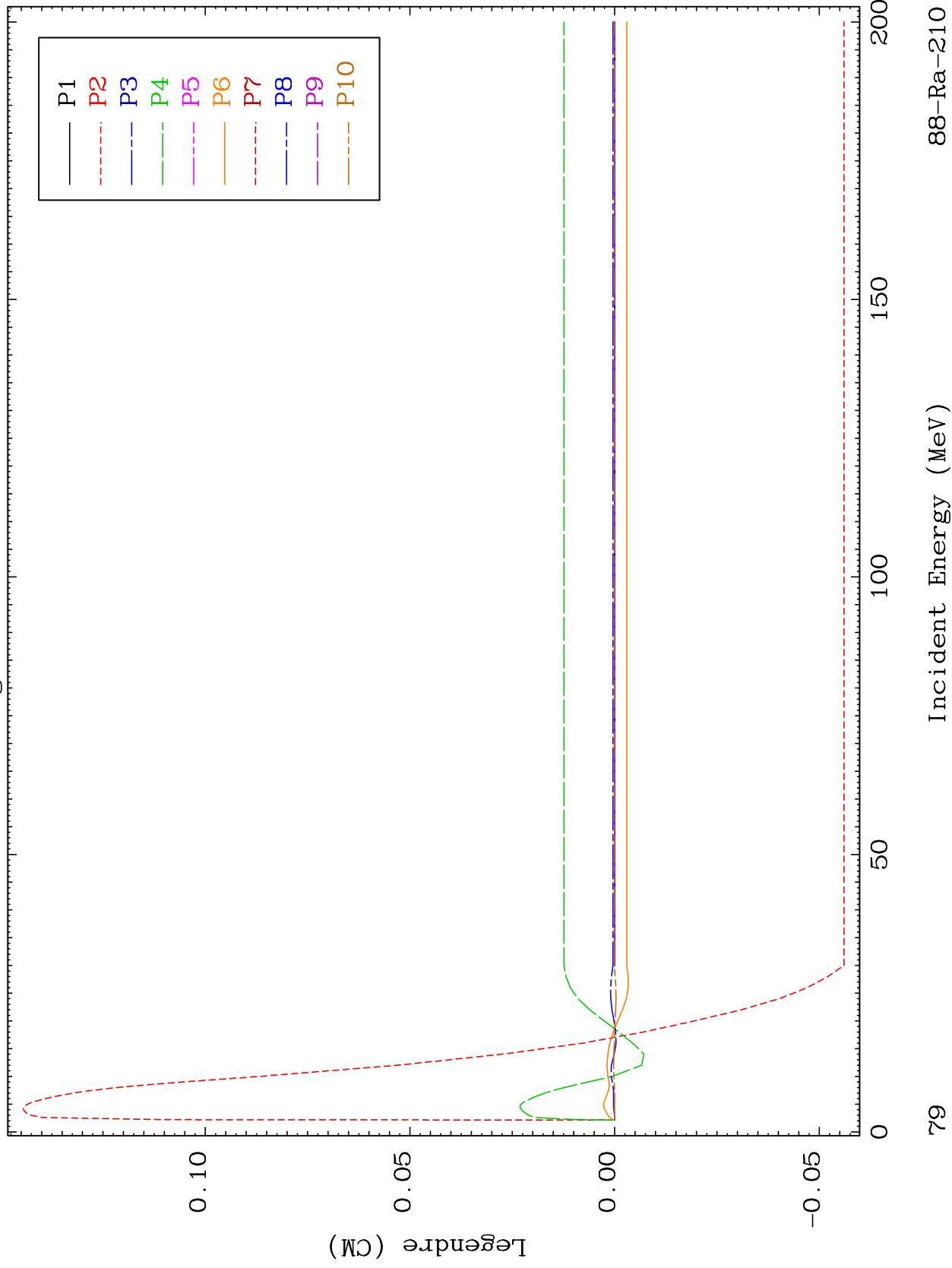
88-Ra-210



MAT 8786

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

88-Ra-210

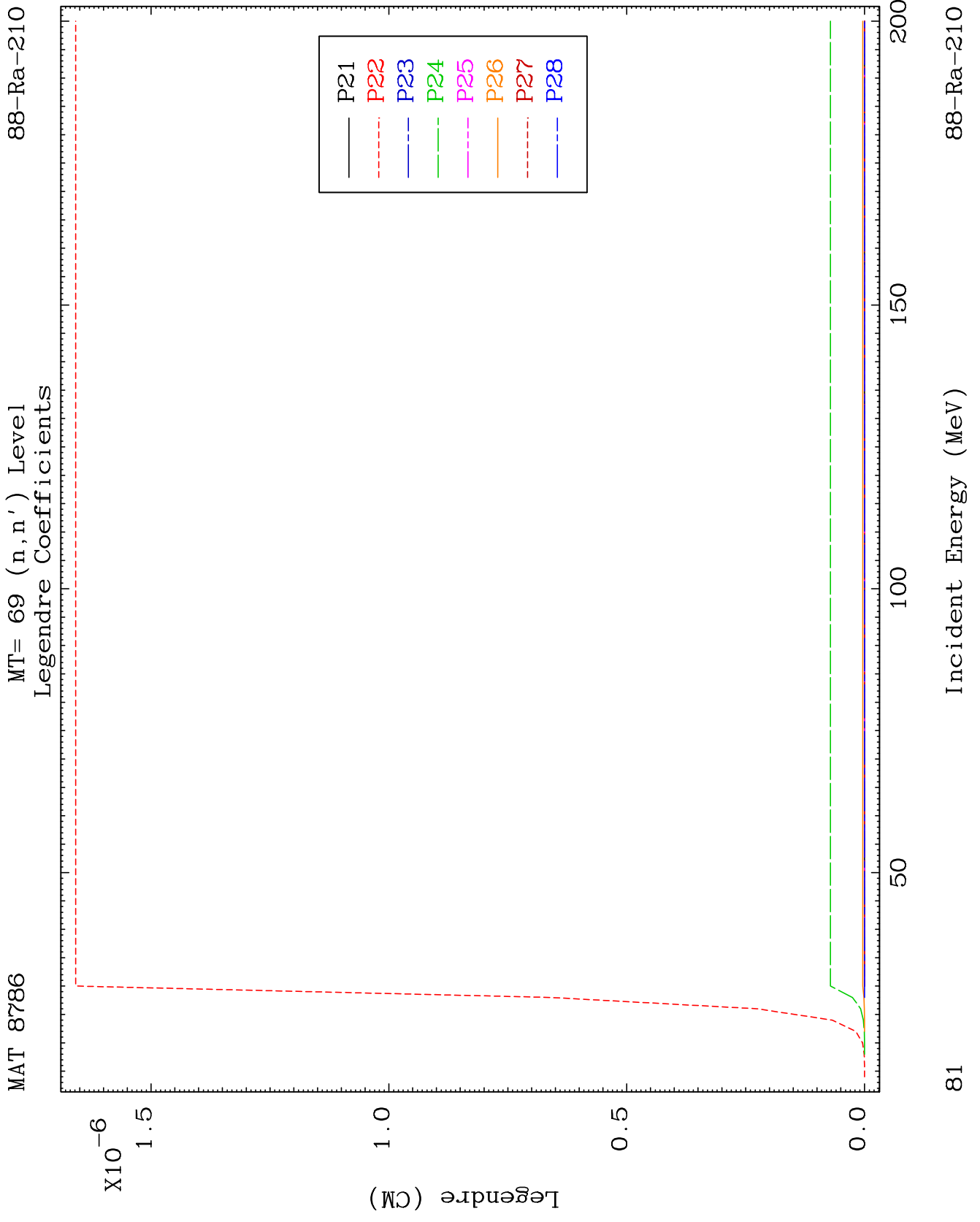


79

88-Ra-210



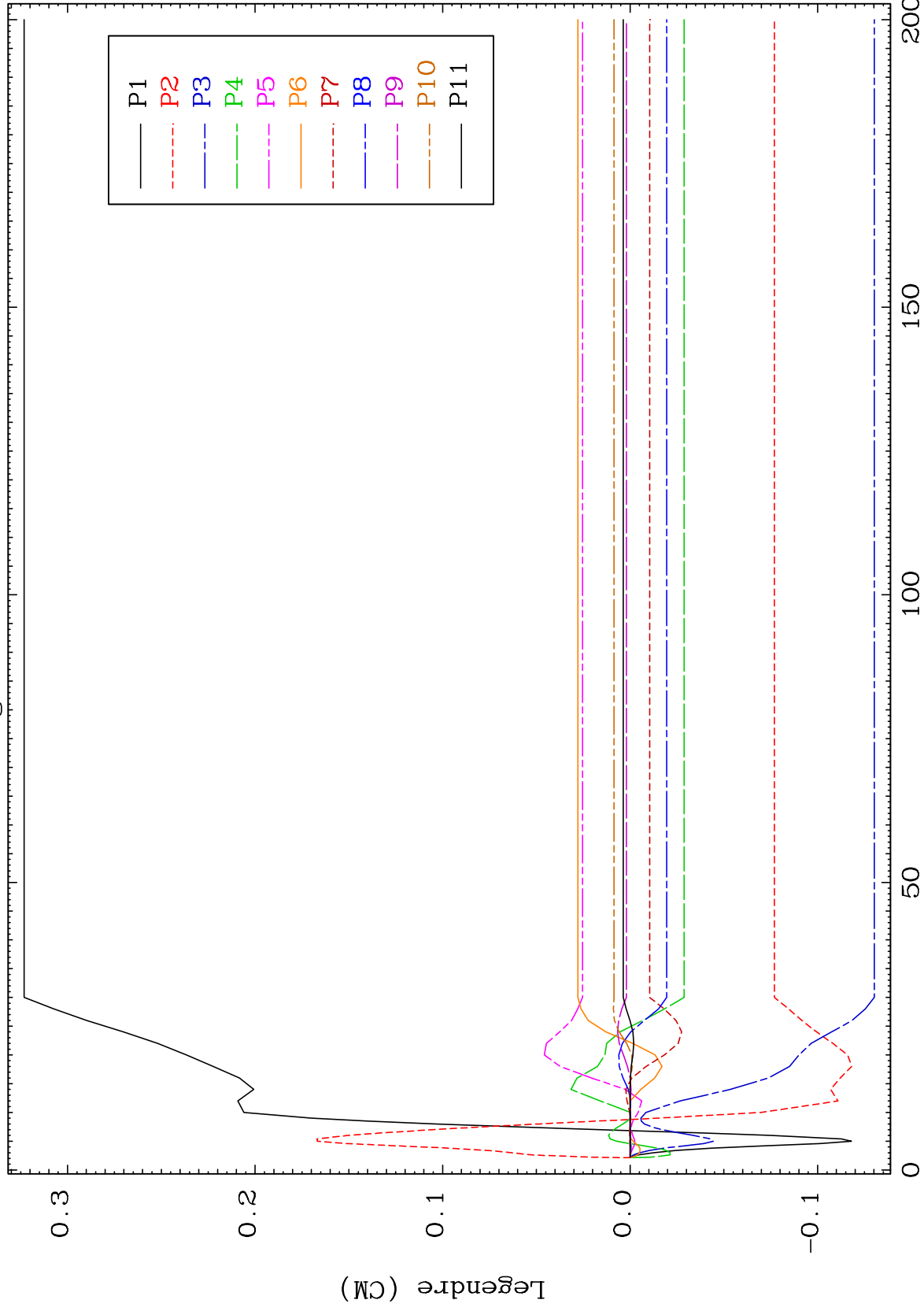




MAT 8786

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

88-Ra-210



82

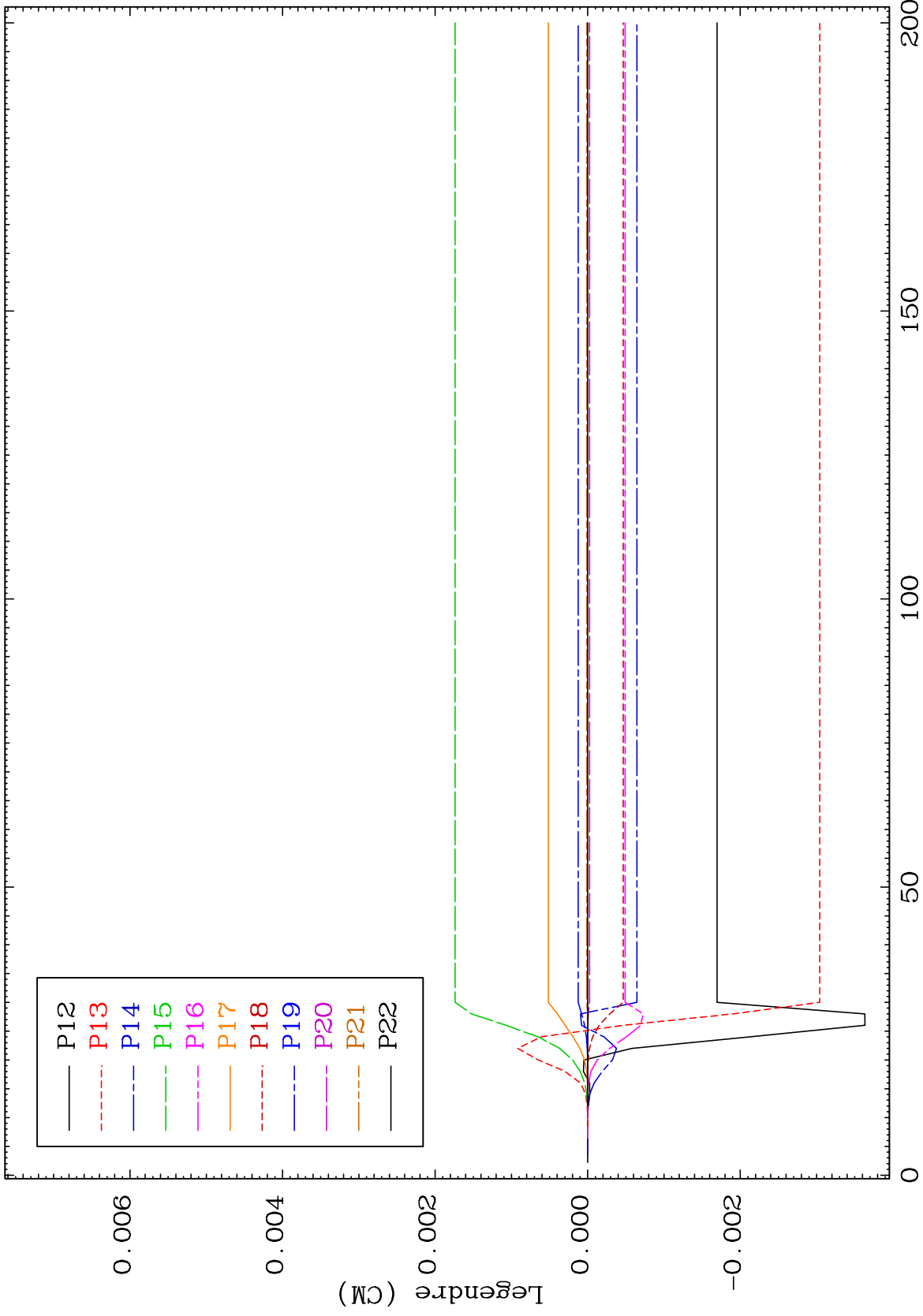
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88

Incident Energy (MeV)

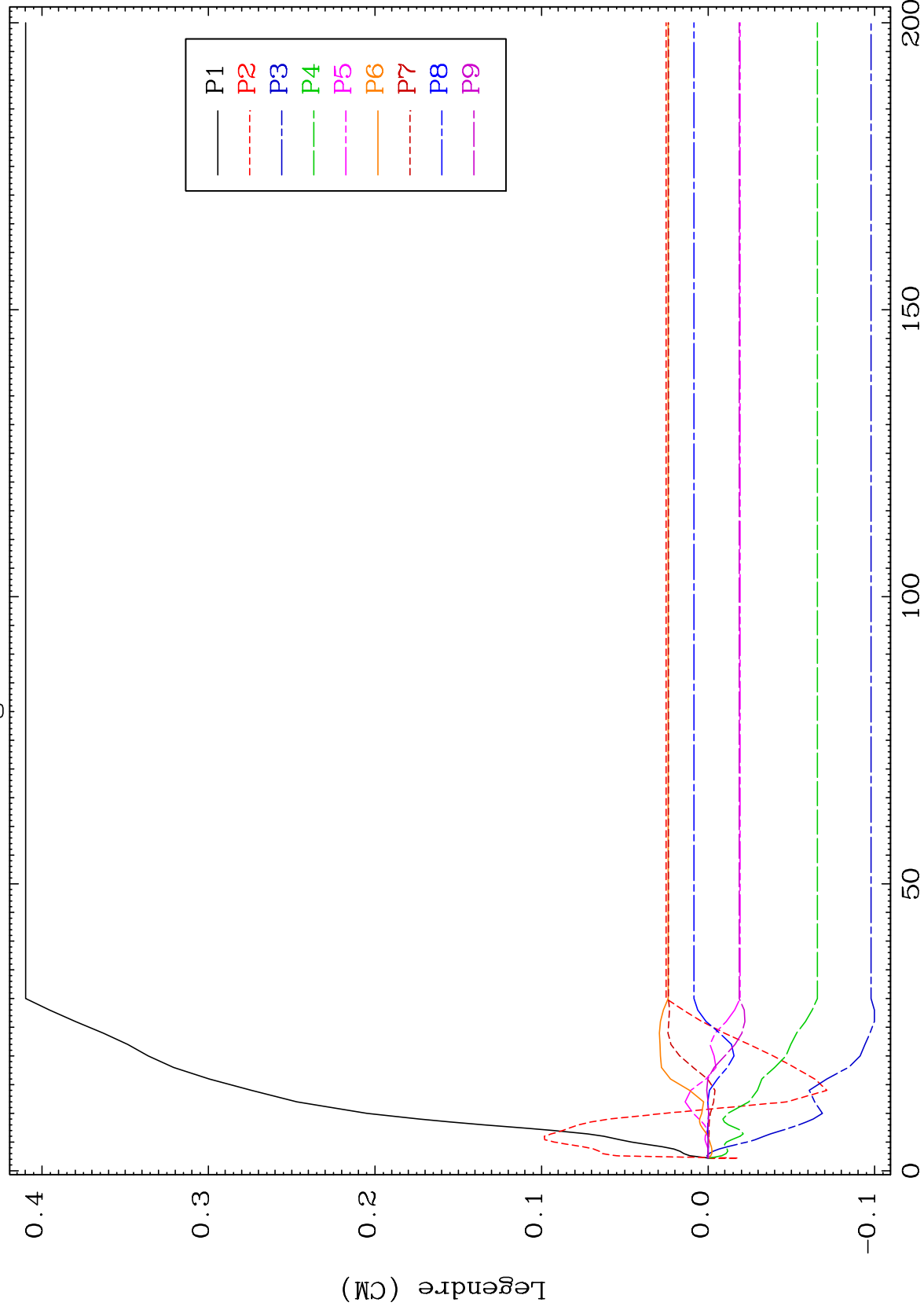
88-Ra-210



MAT 8786

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

88-Ra-210



85

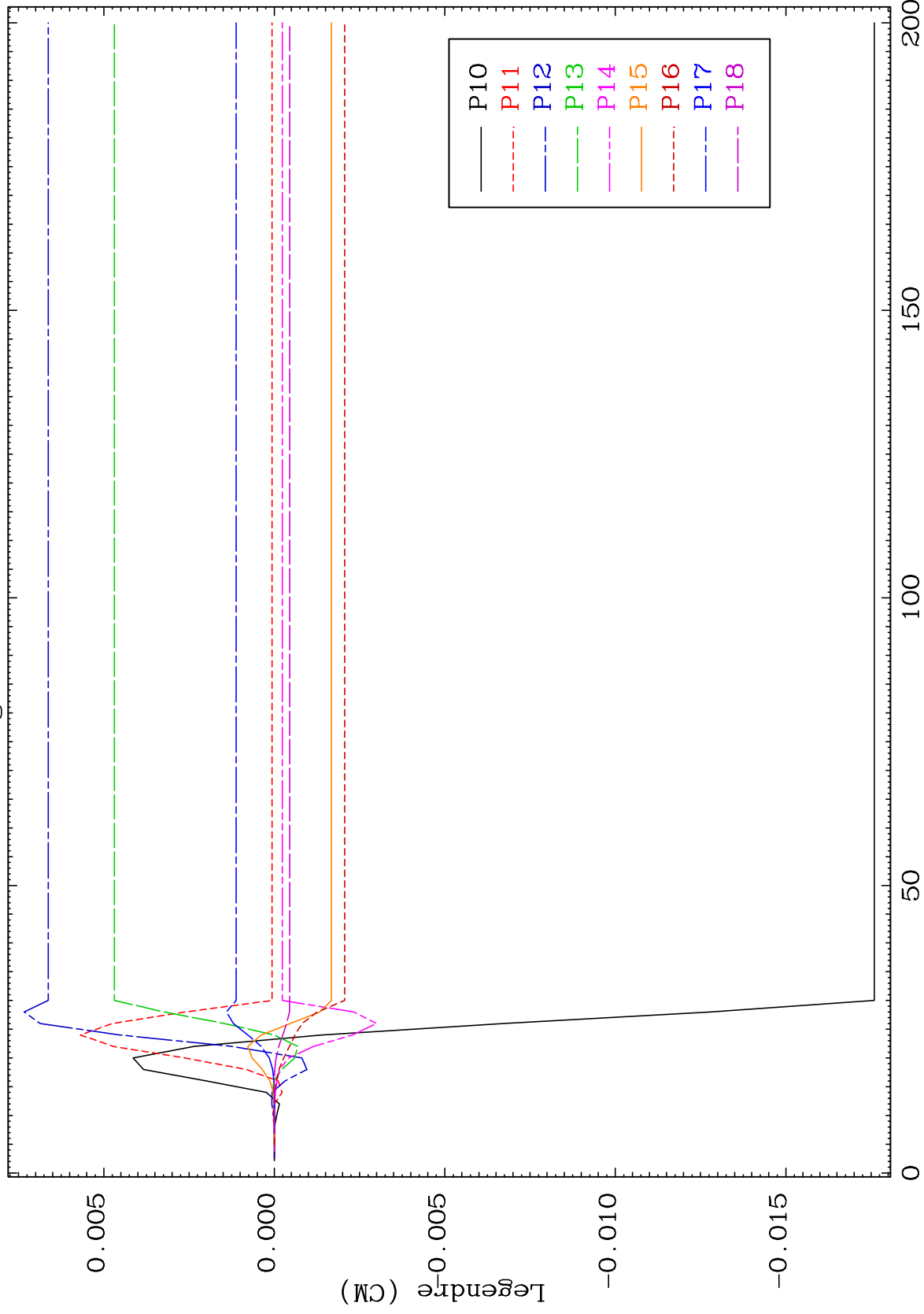
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88

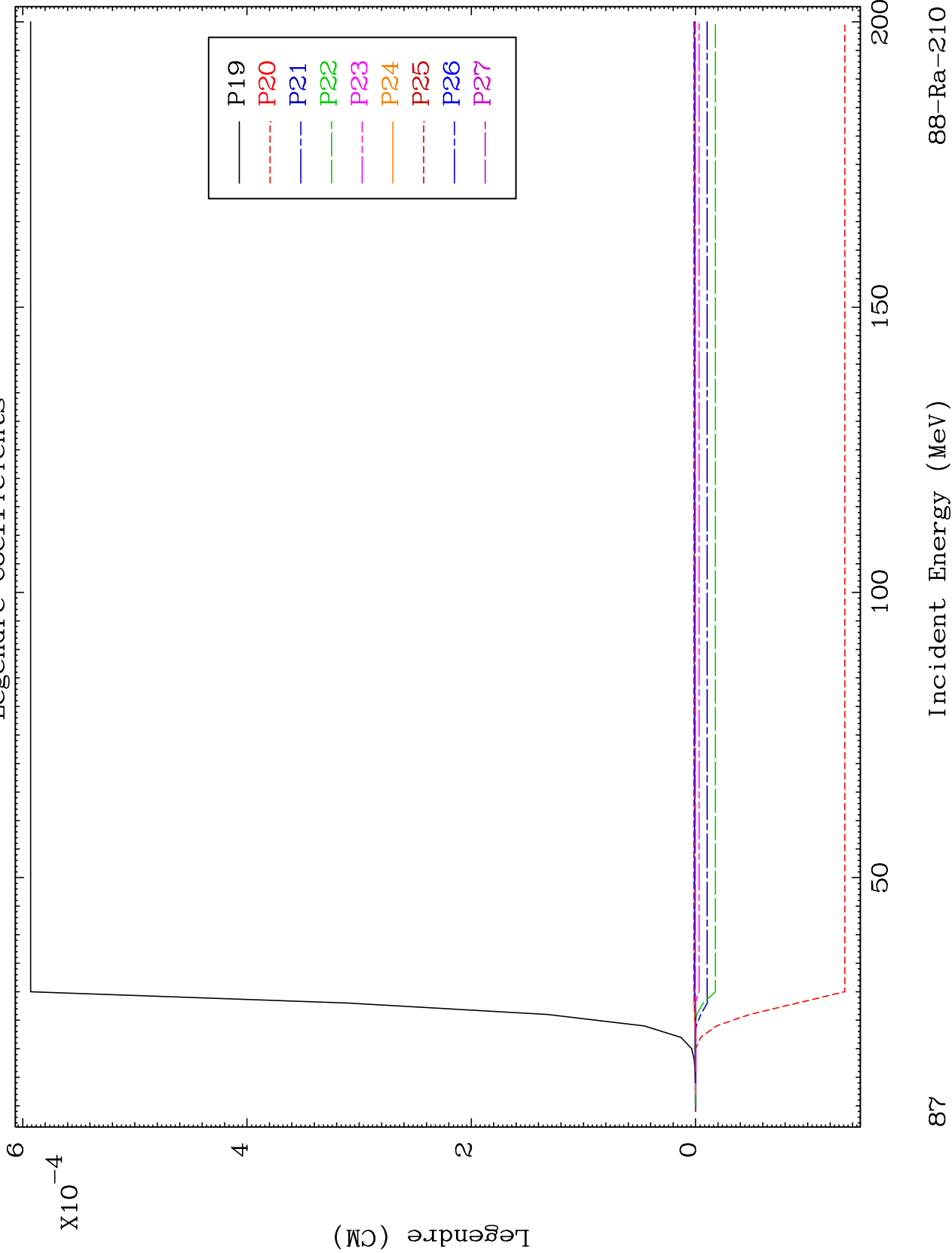
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



87

Incident Energy (MeV)

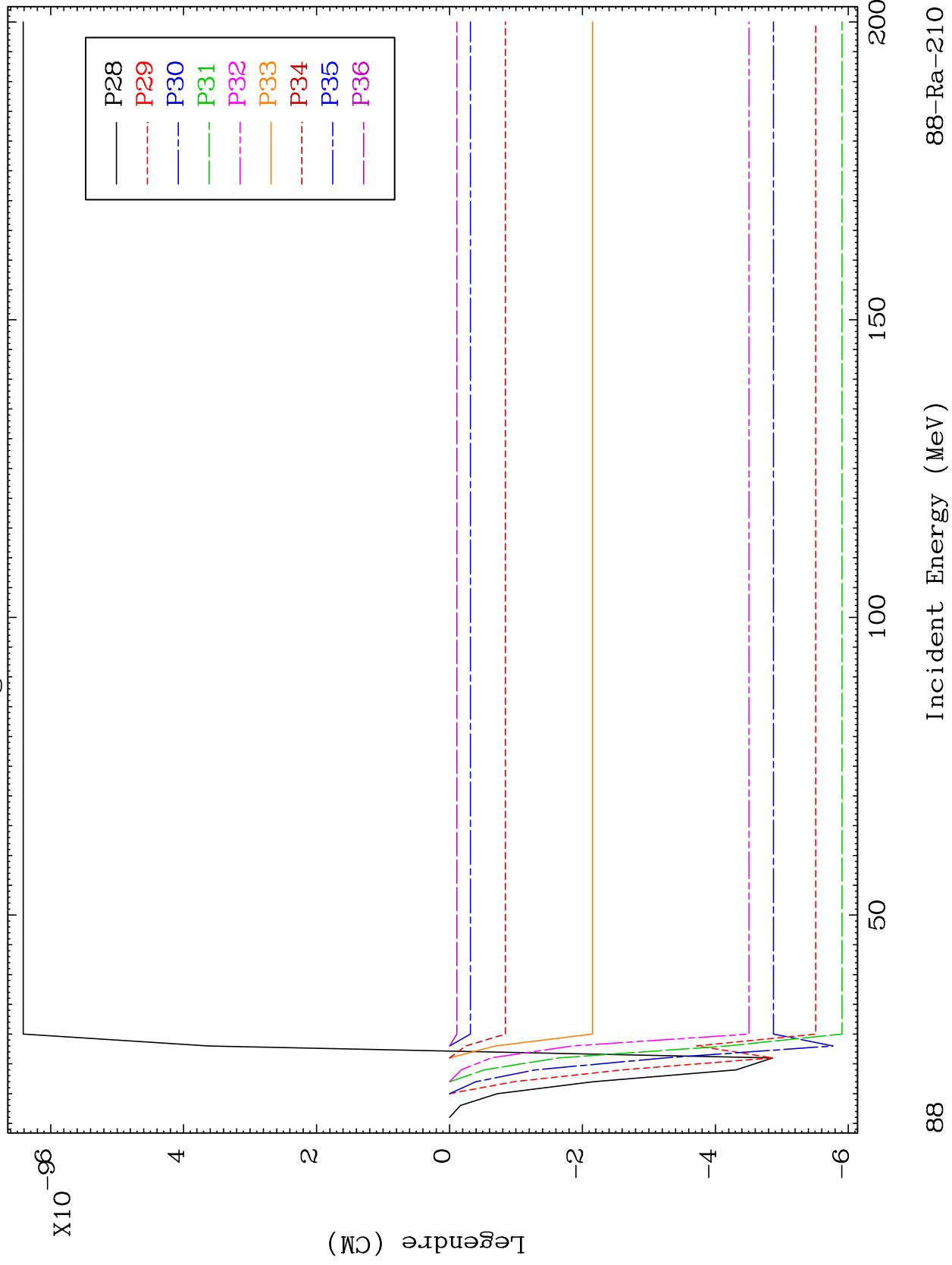
88-Ra-210



MAT 8786

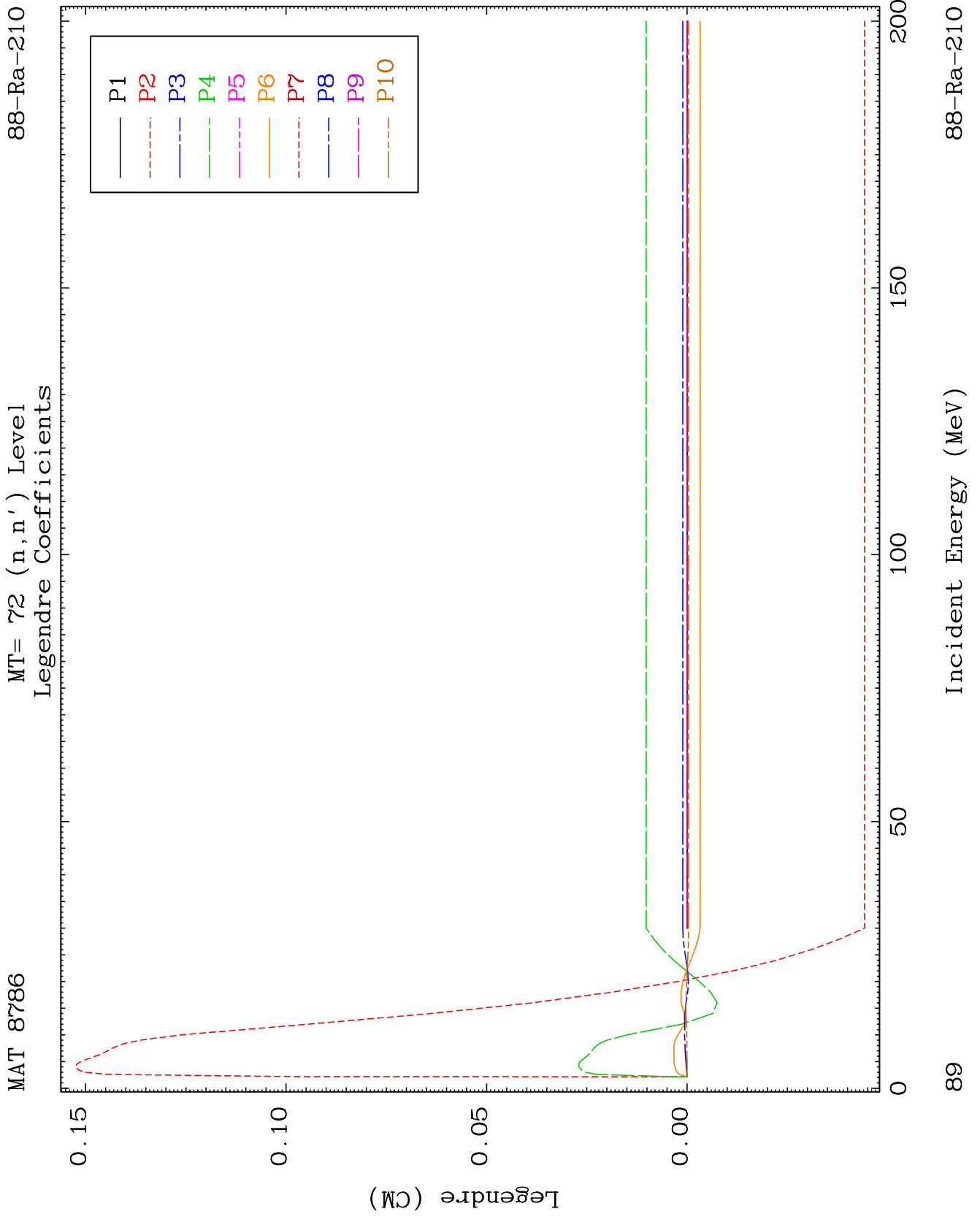
MT= 71 (n,n') Level  
Legendre Coefficients

88-Ra-210



88

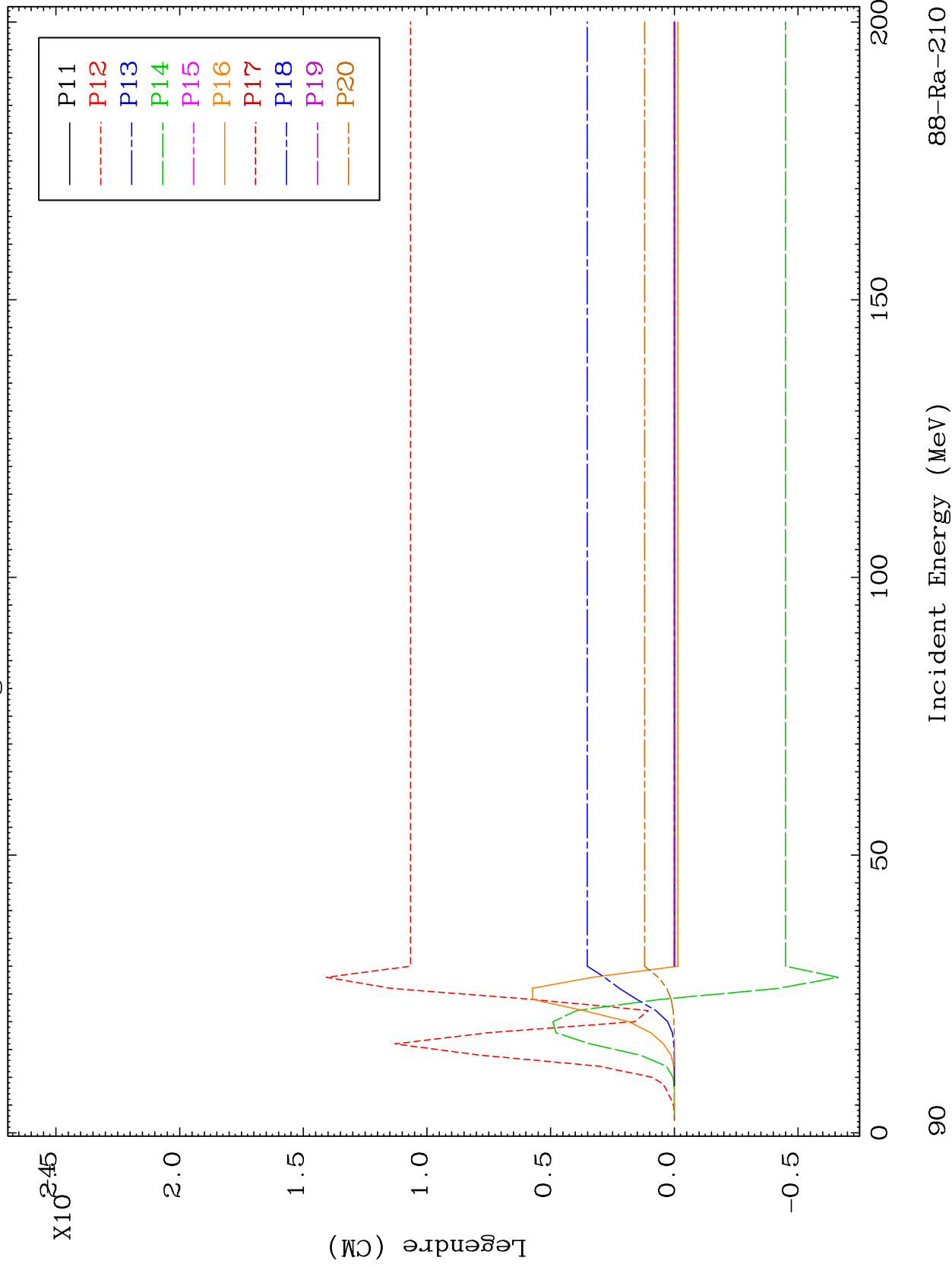
88-Ra-210

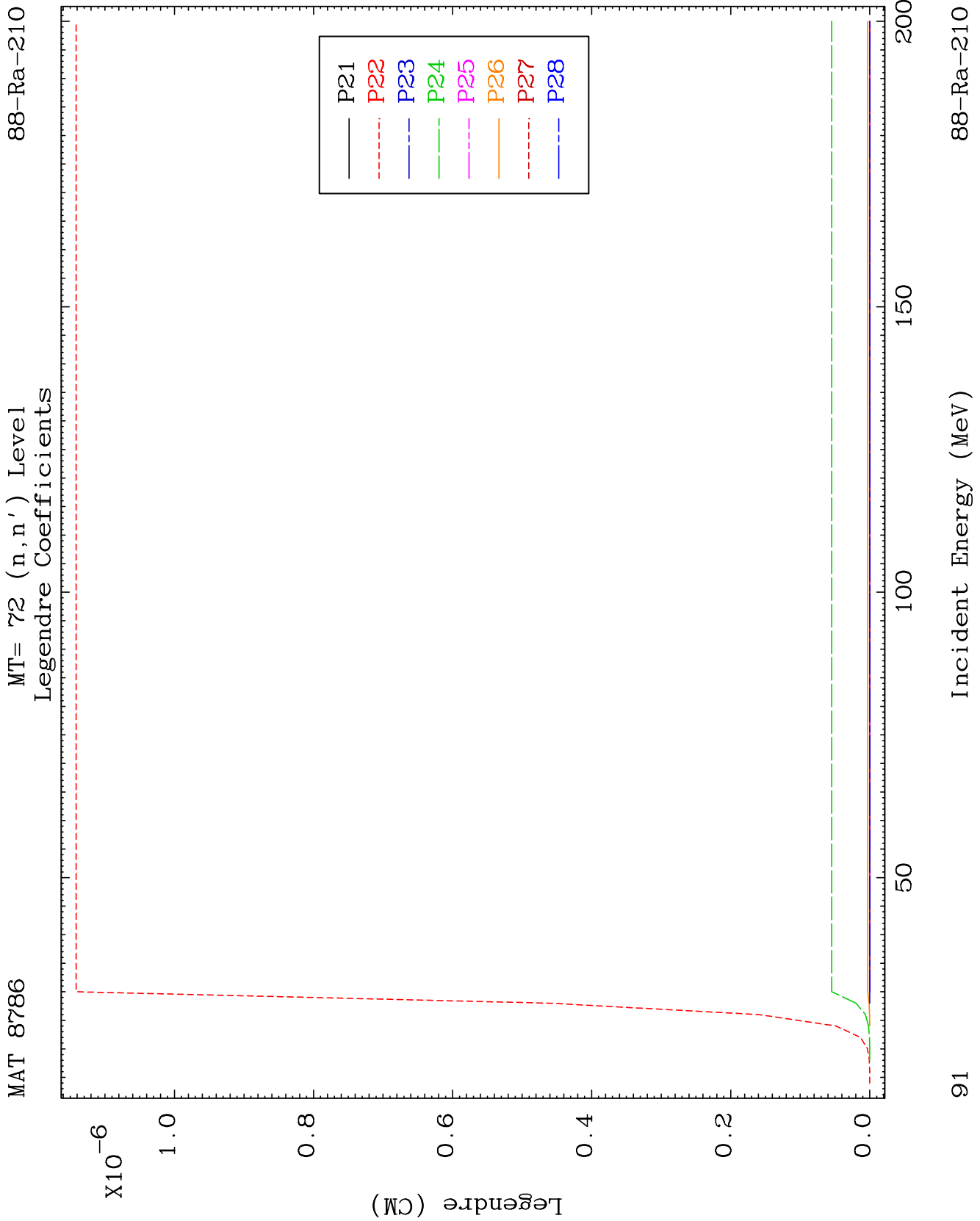


MAT 8786

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

88-Ra-210

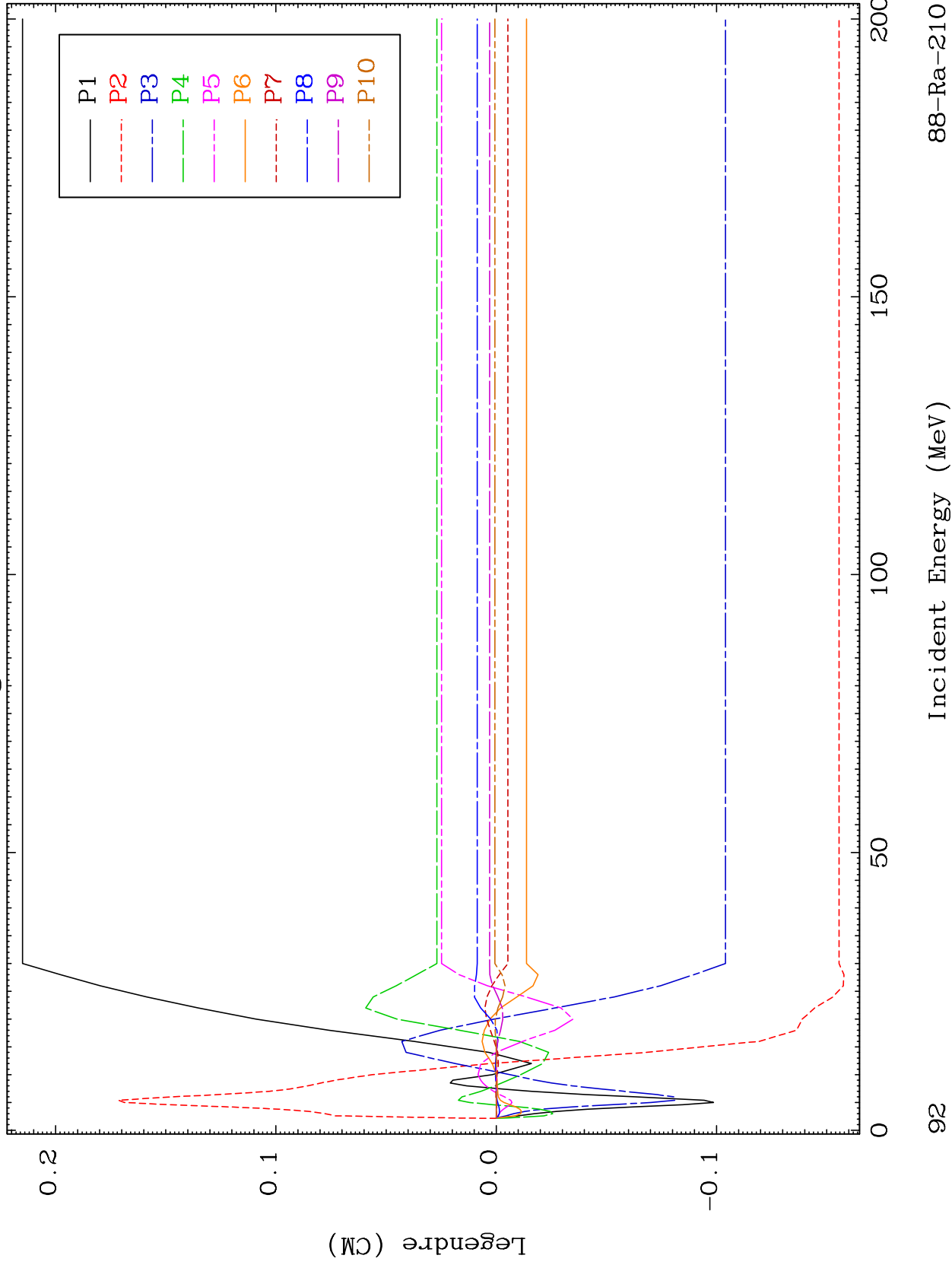




MAT 8786

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

88-Ra-210





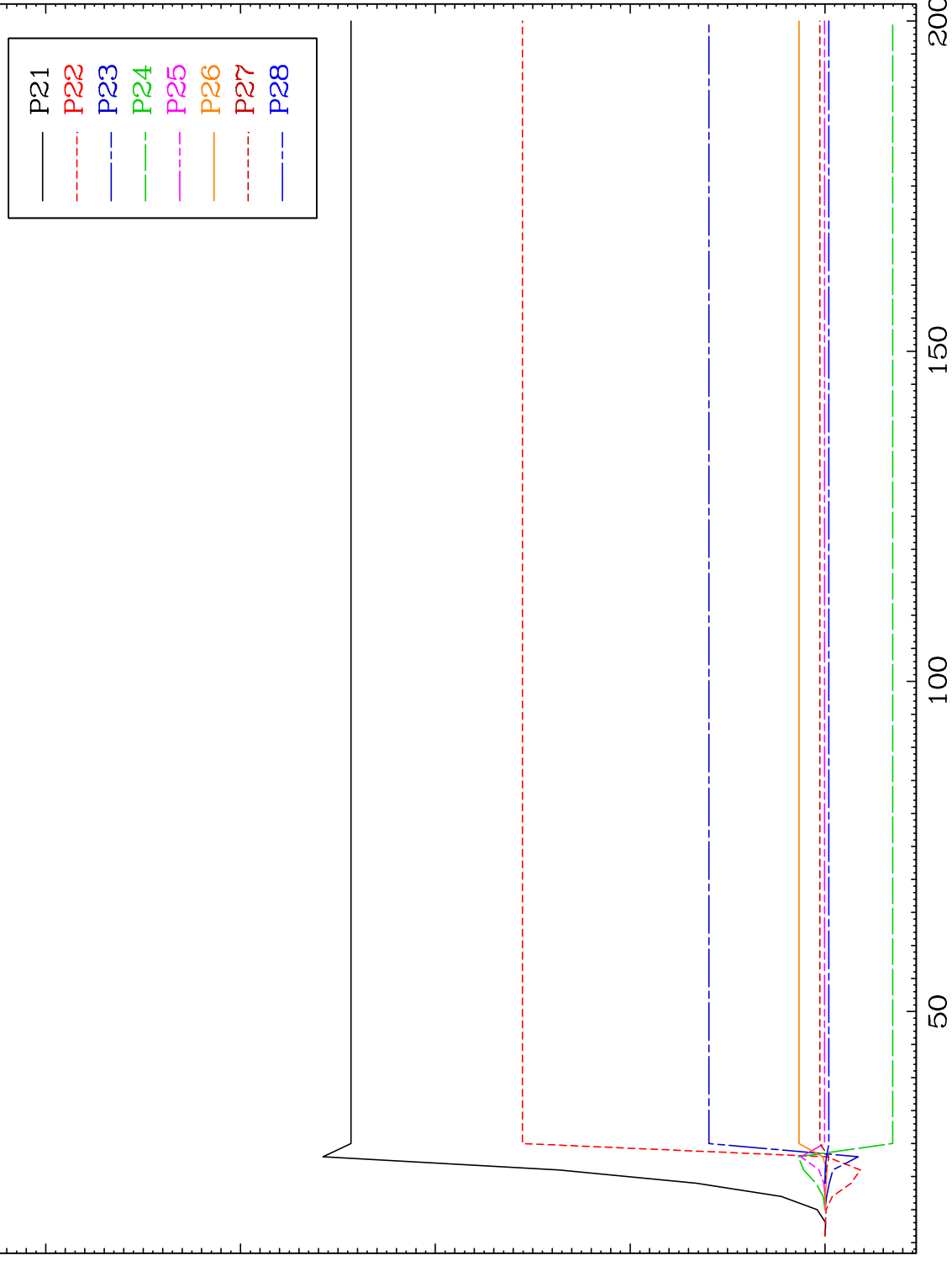
MAT 8786

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

88-Ra-210

$\times 10^{-4}$

Legendre (CM)



94

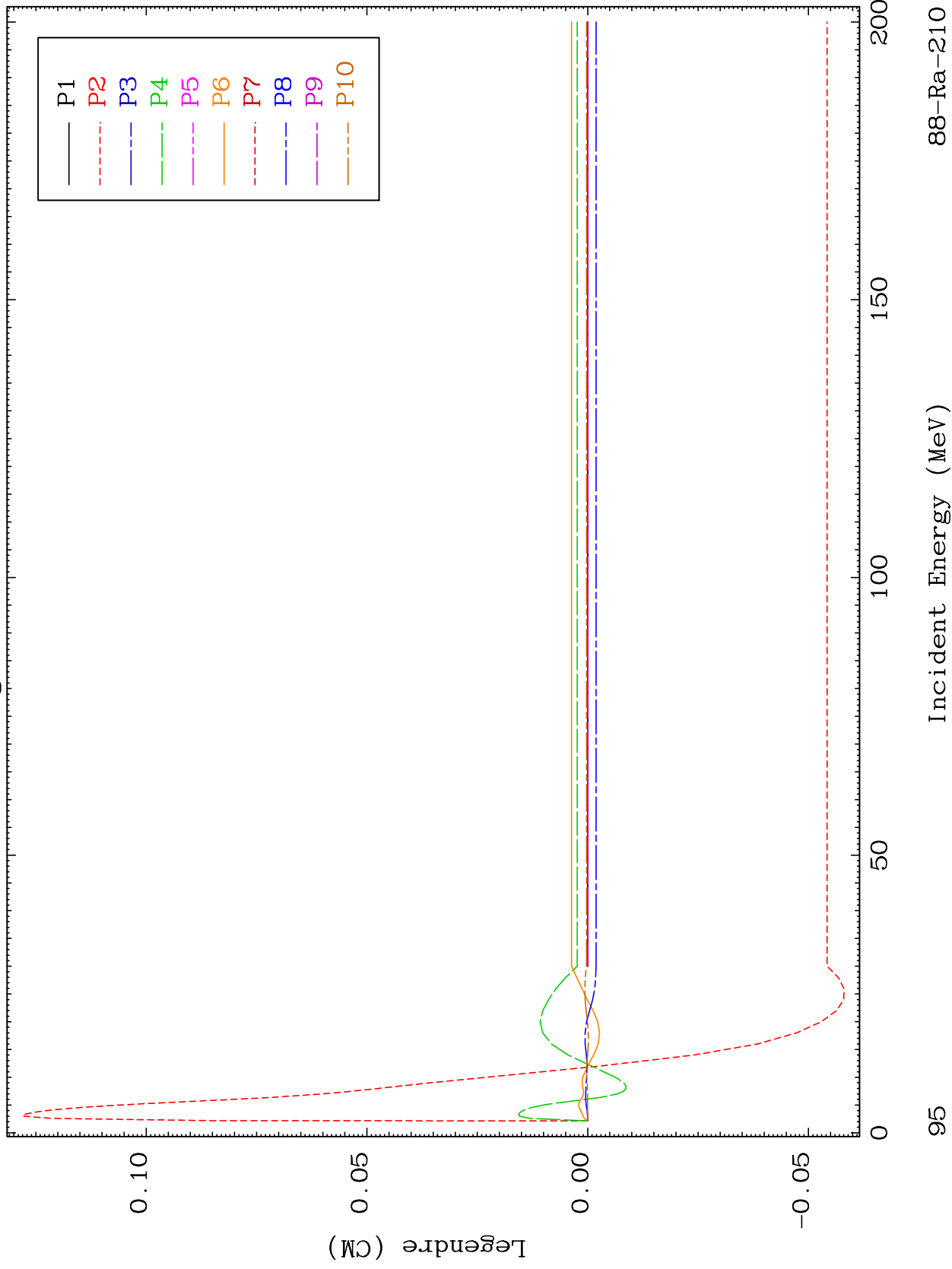
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



88-Ra-210

Incident Energy (MeV)

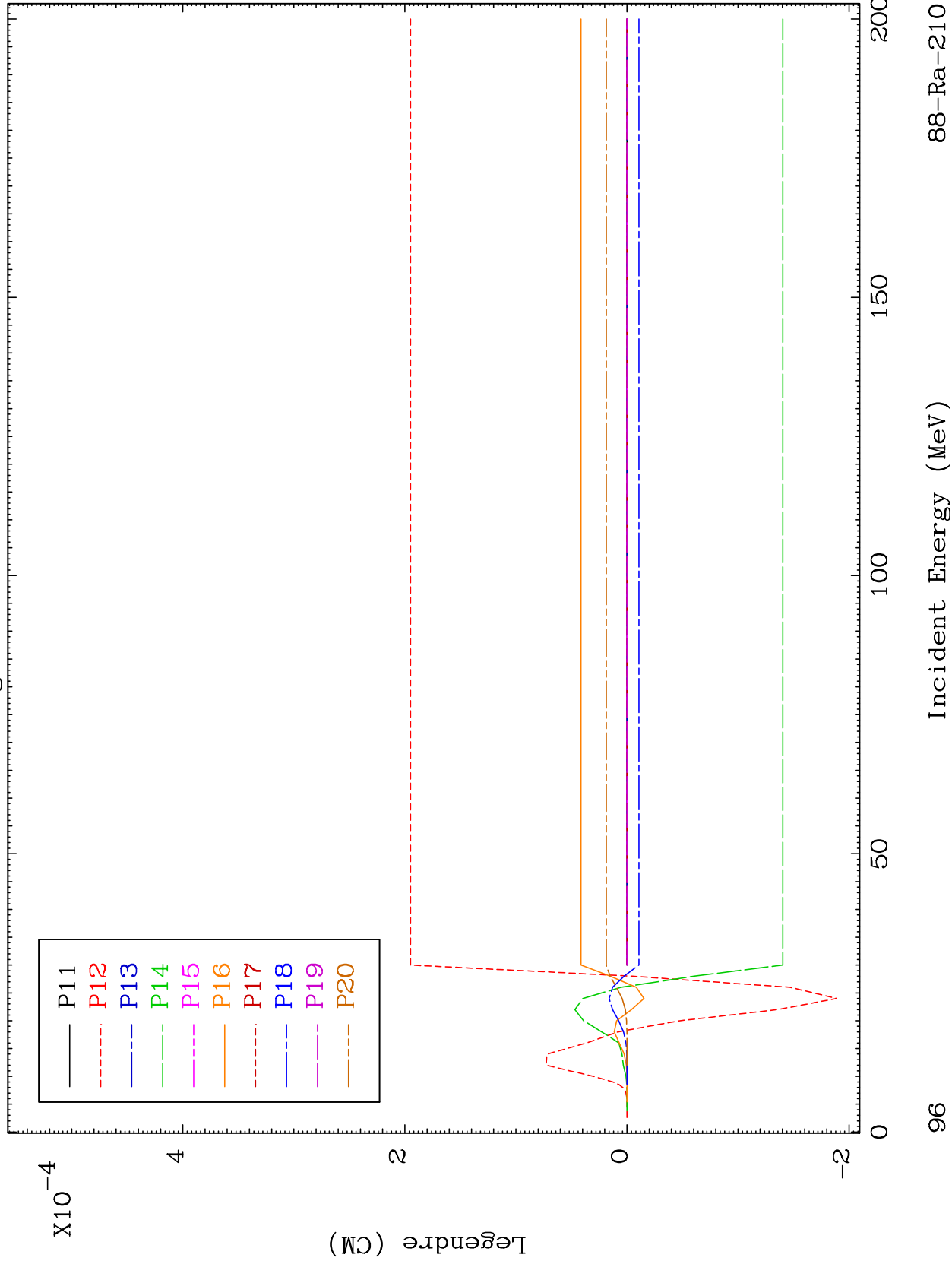
95



MAT 8786

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

88-Ra-210

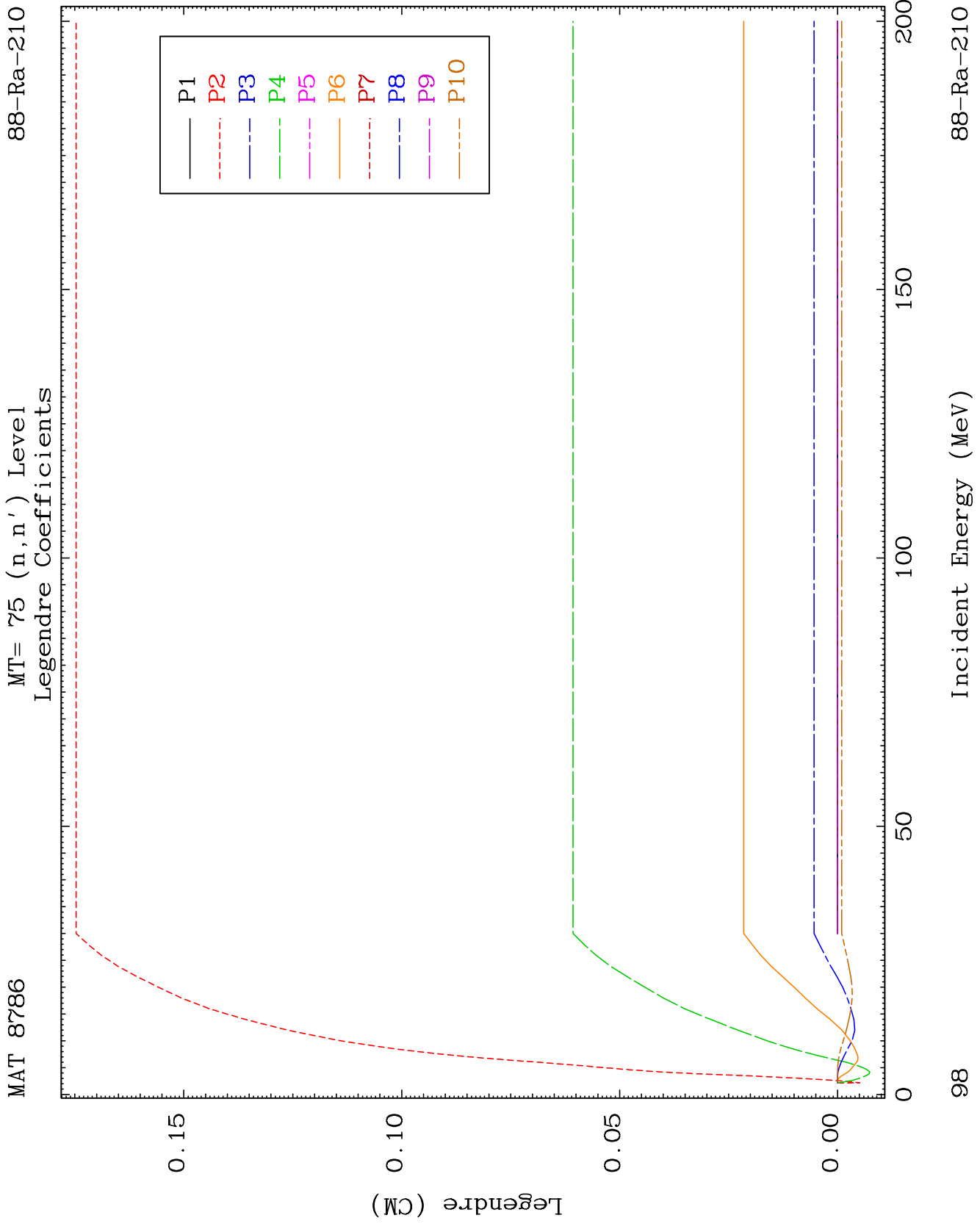


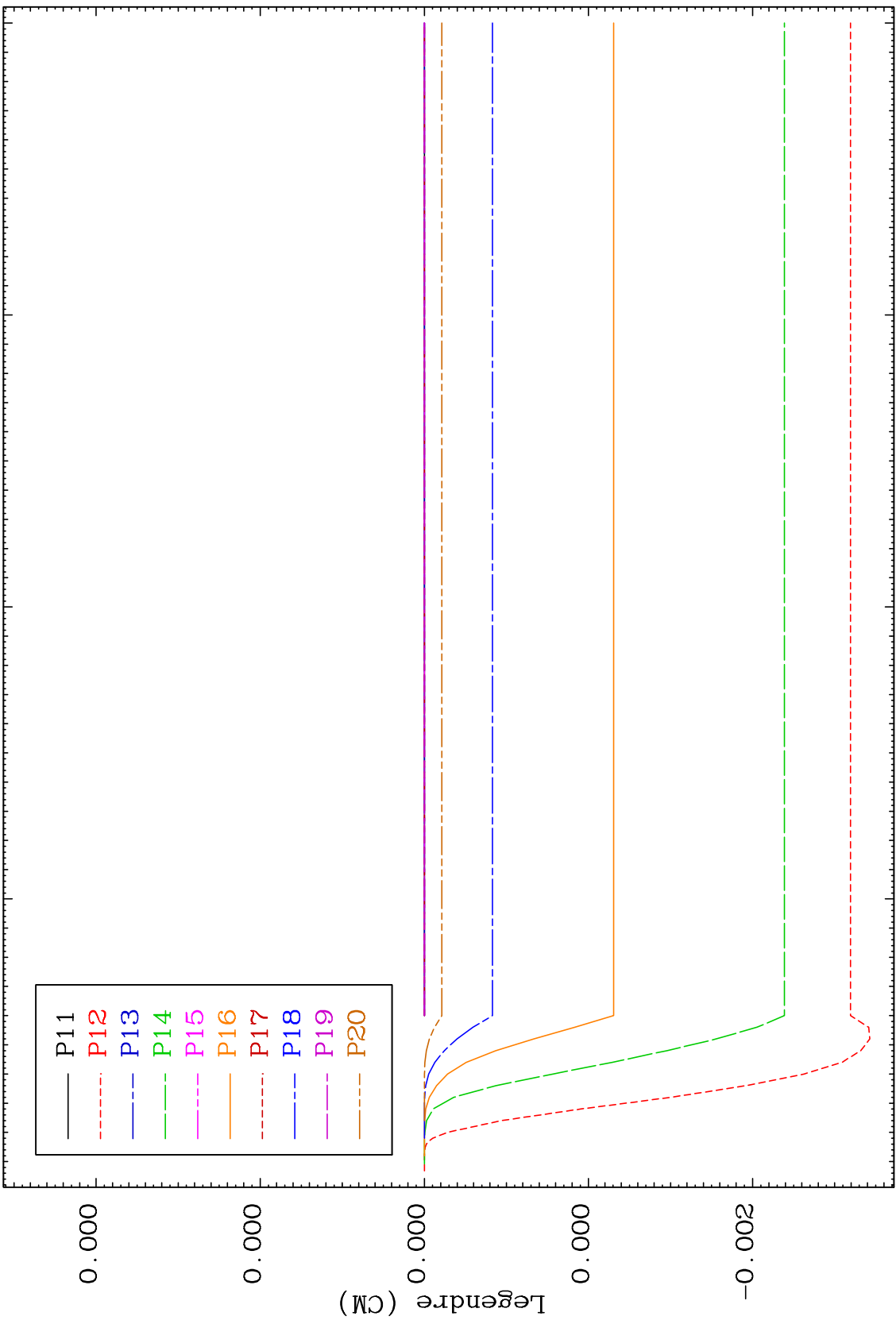
96

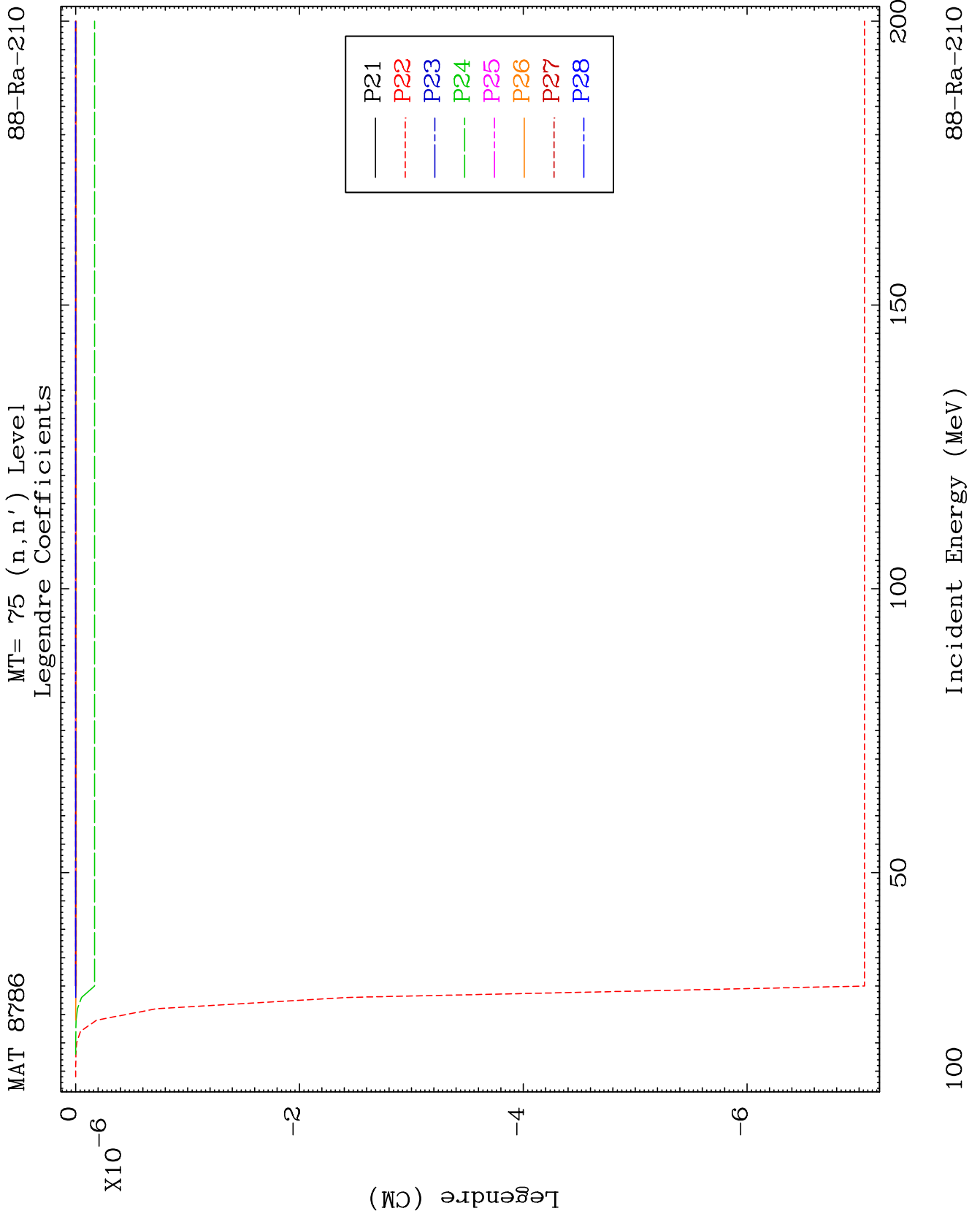
Incident Energy (MeV)

88-Ra-210







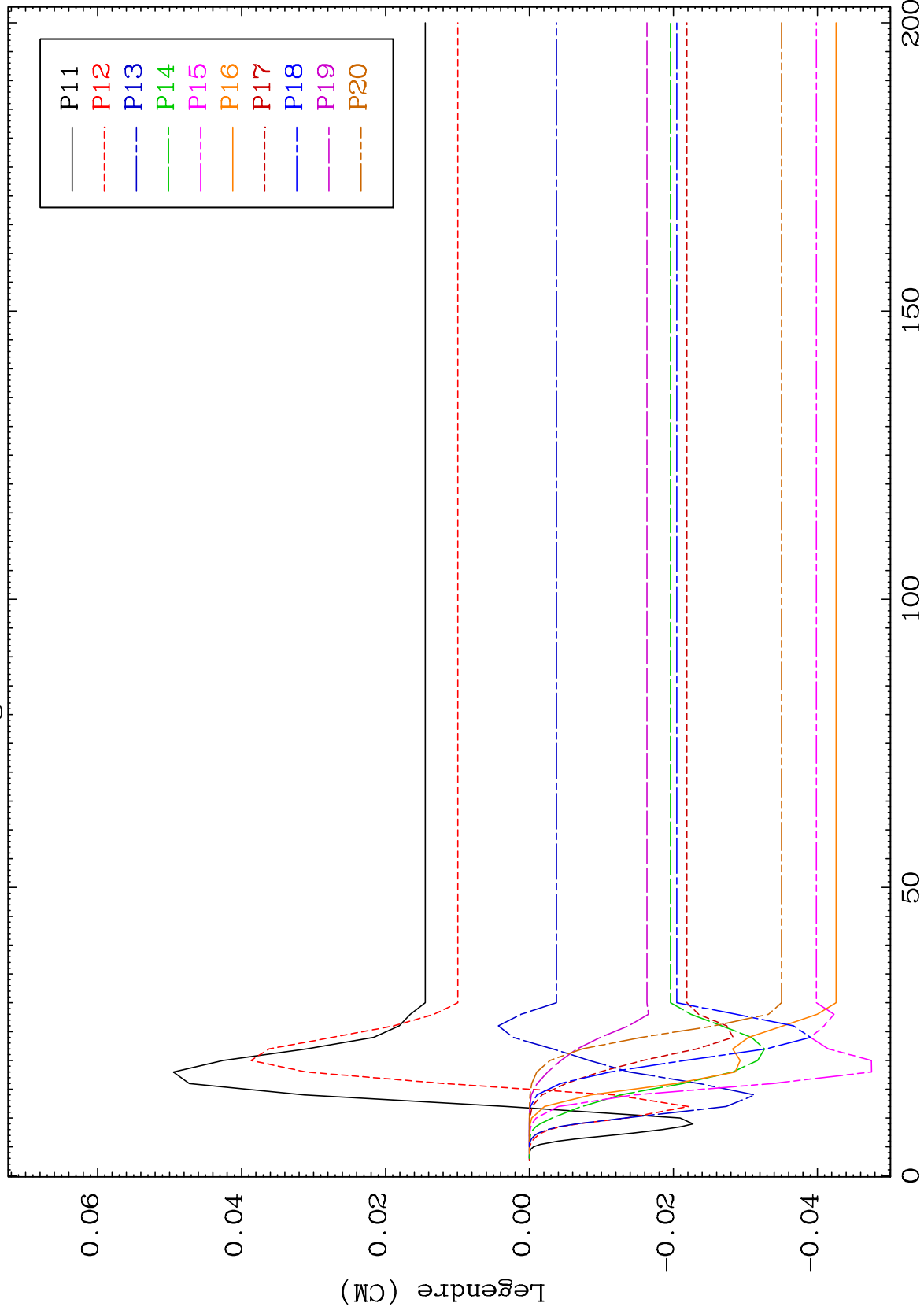




MAT 8786

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

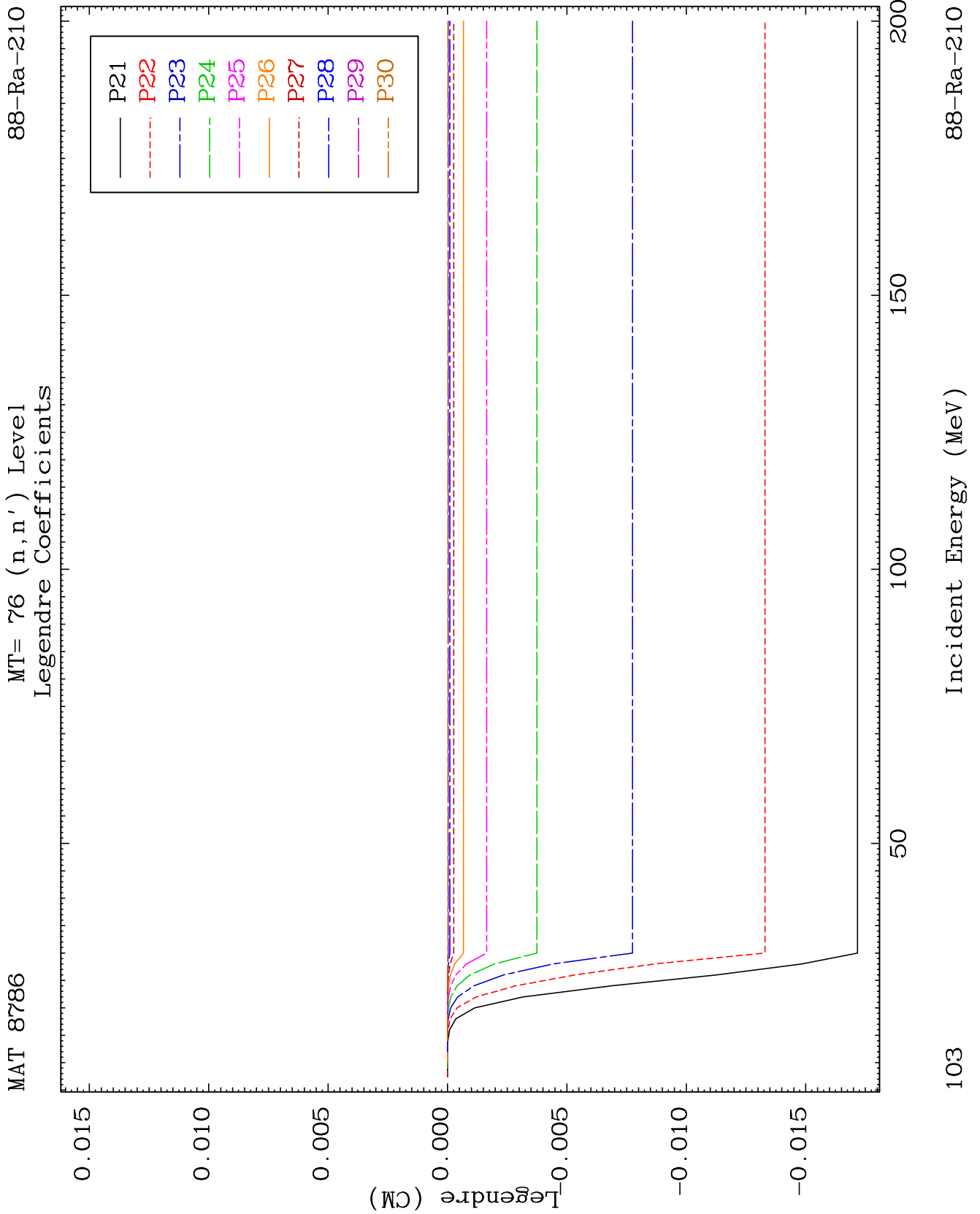
88-Ra-210



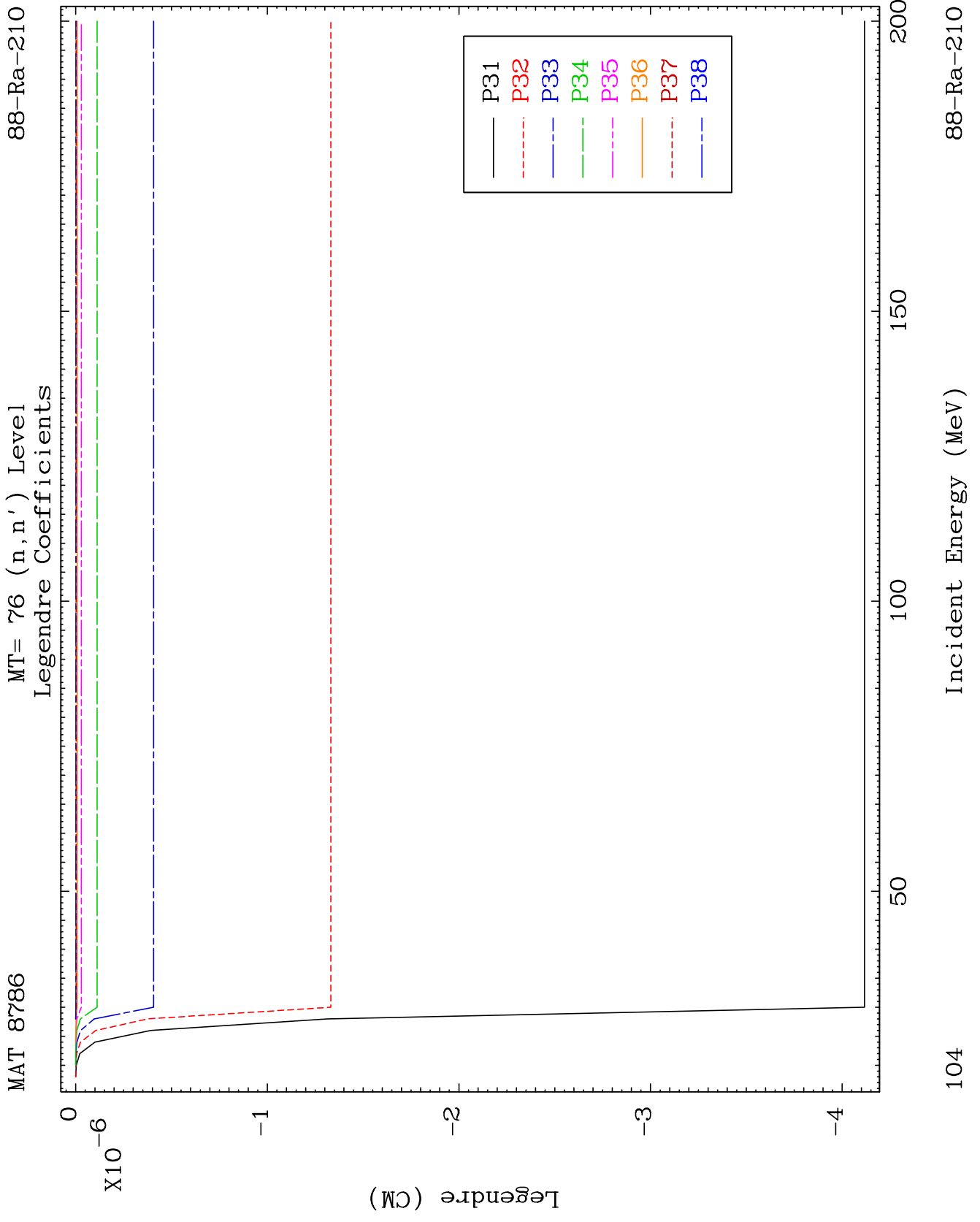
102

Incident Energy (MeV)

88-Ra-210



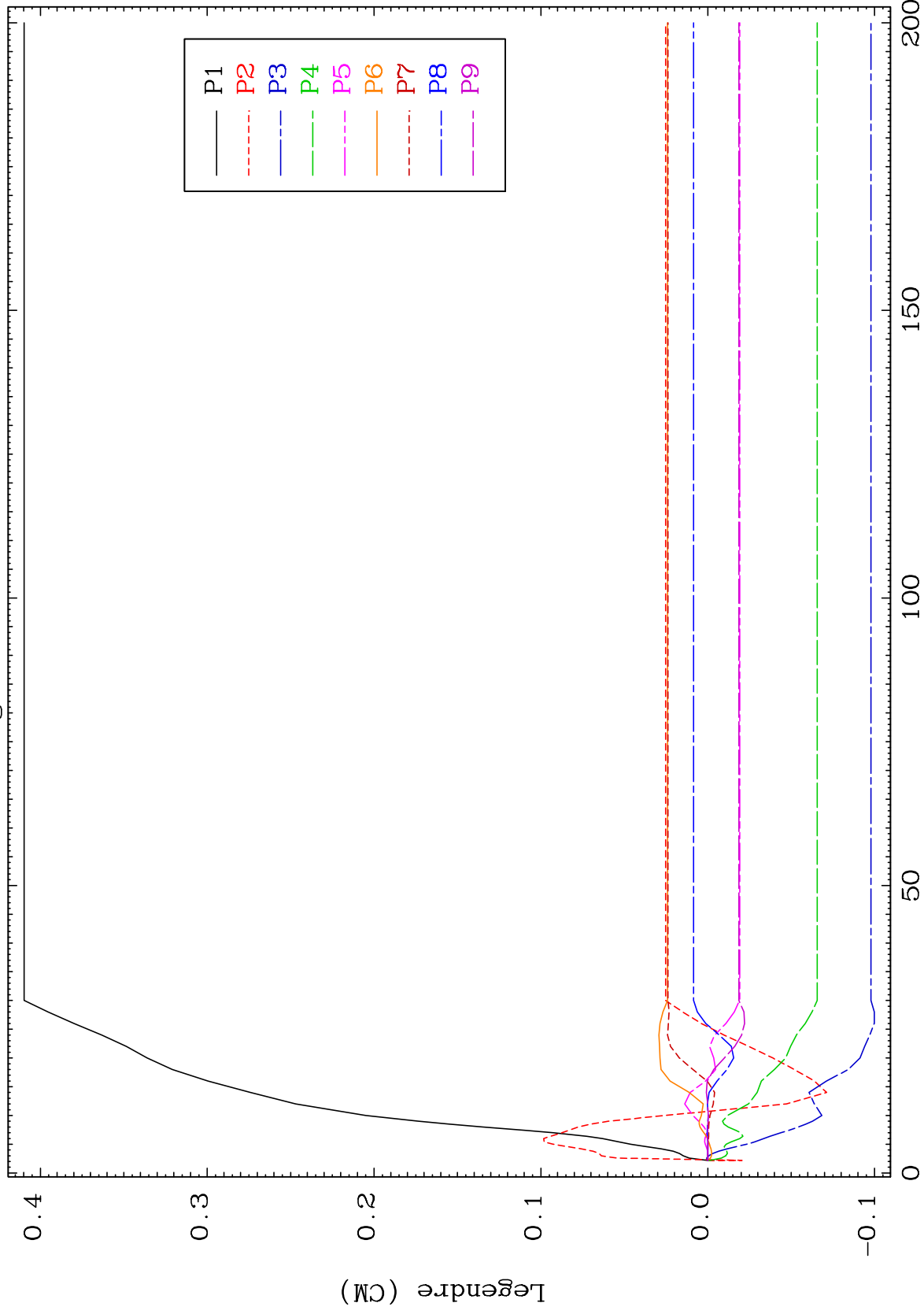




MAT 8786

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

88-Ra-210



105

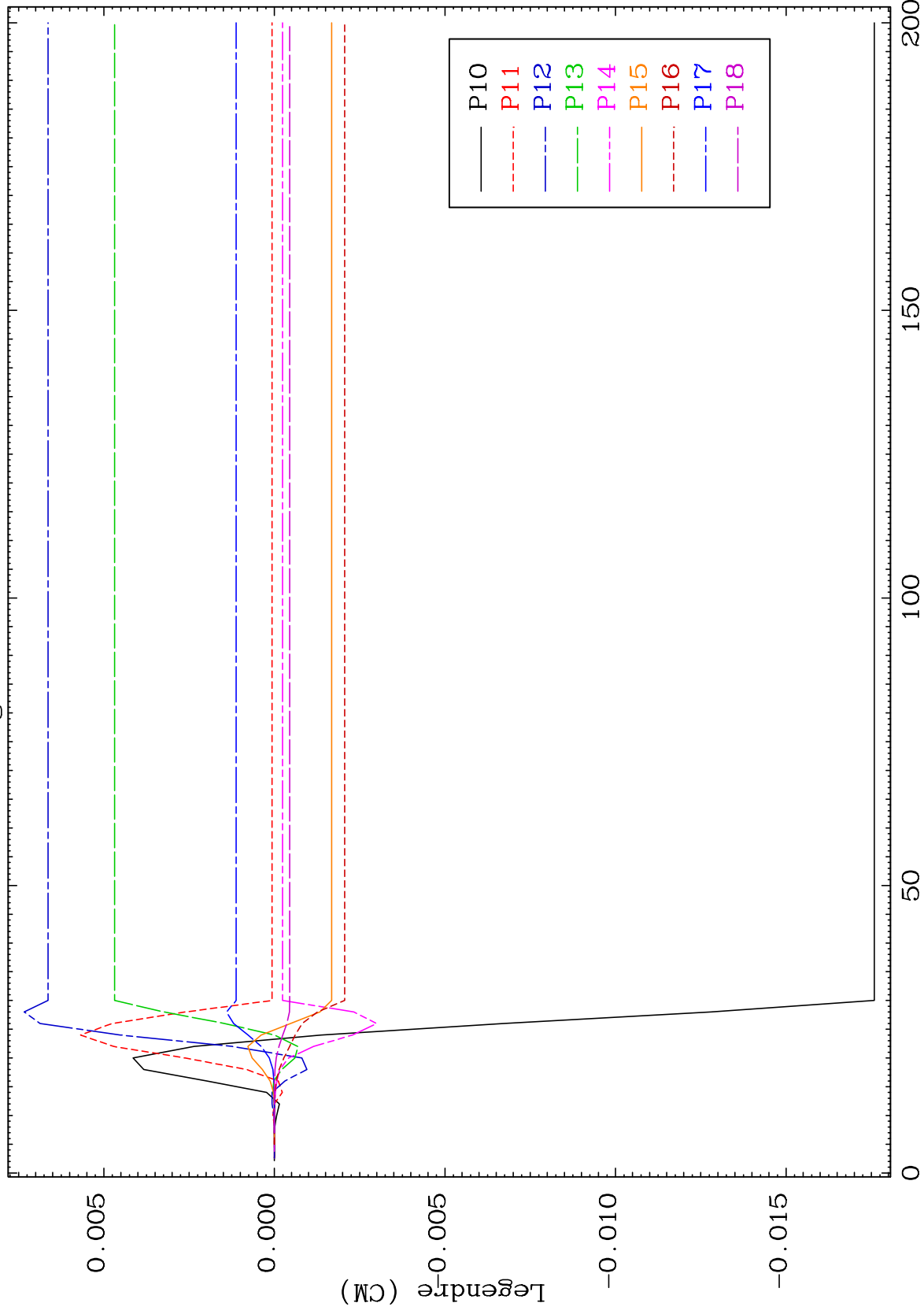
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



106

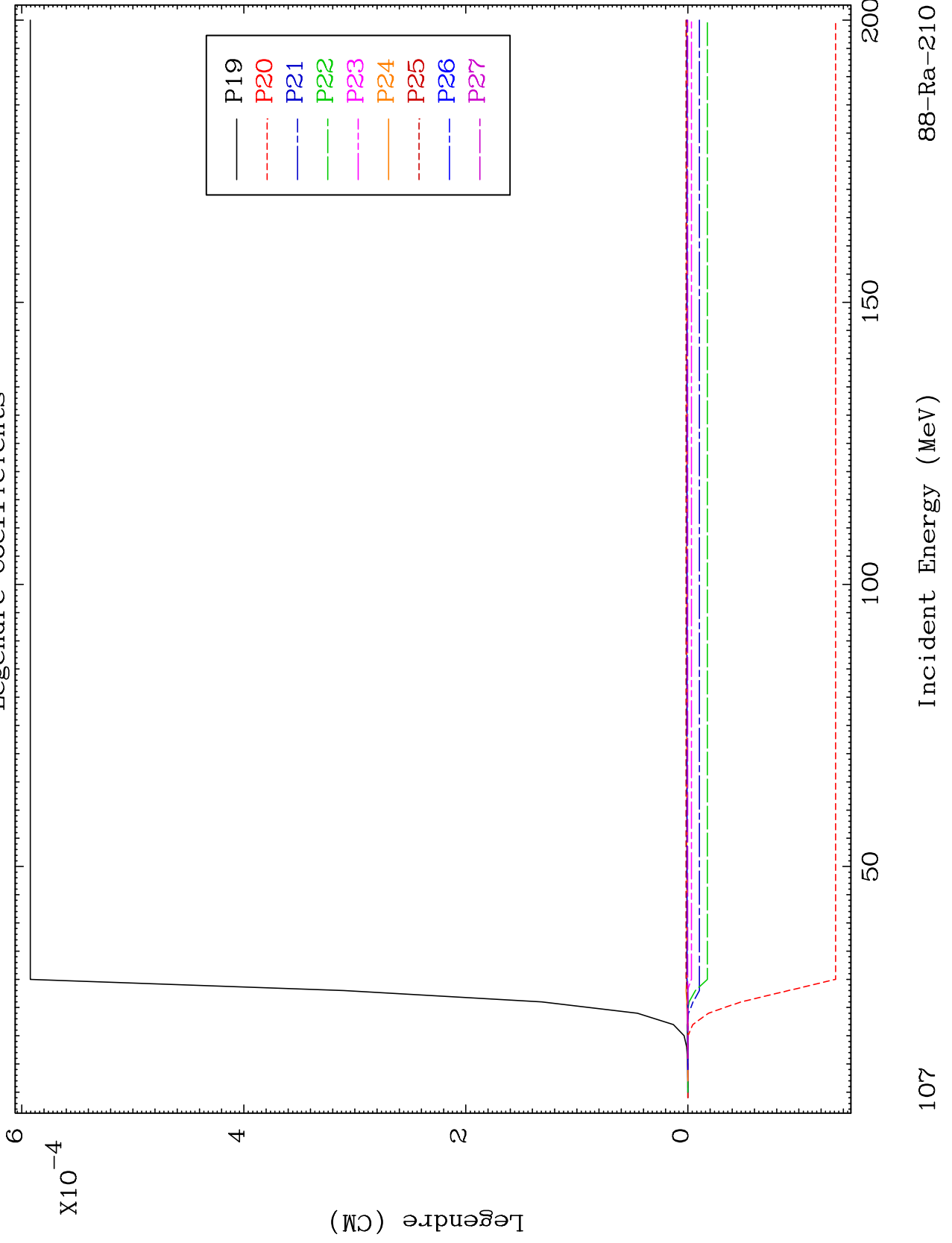
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

88-Ra-210



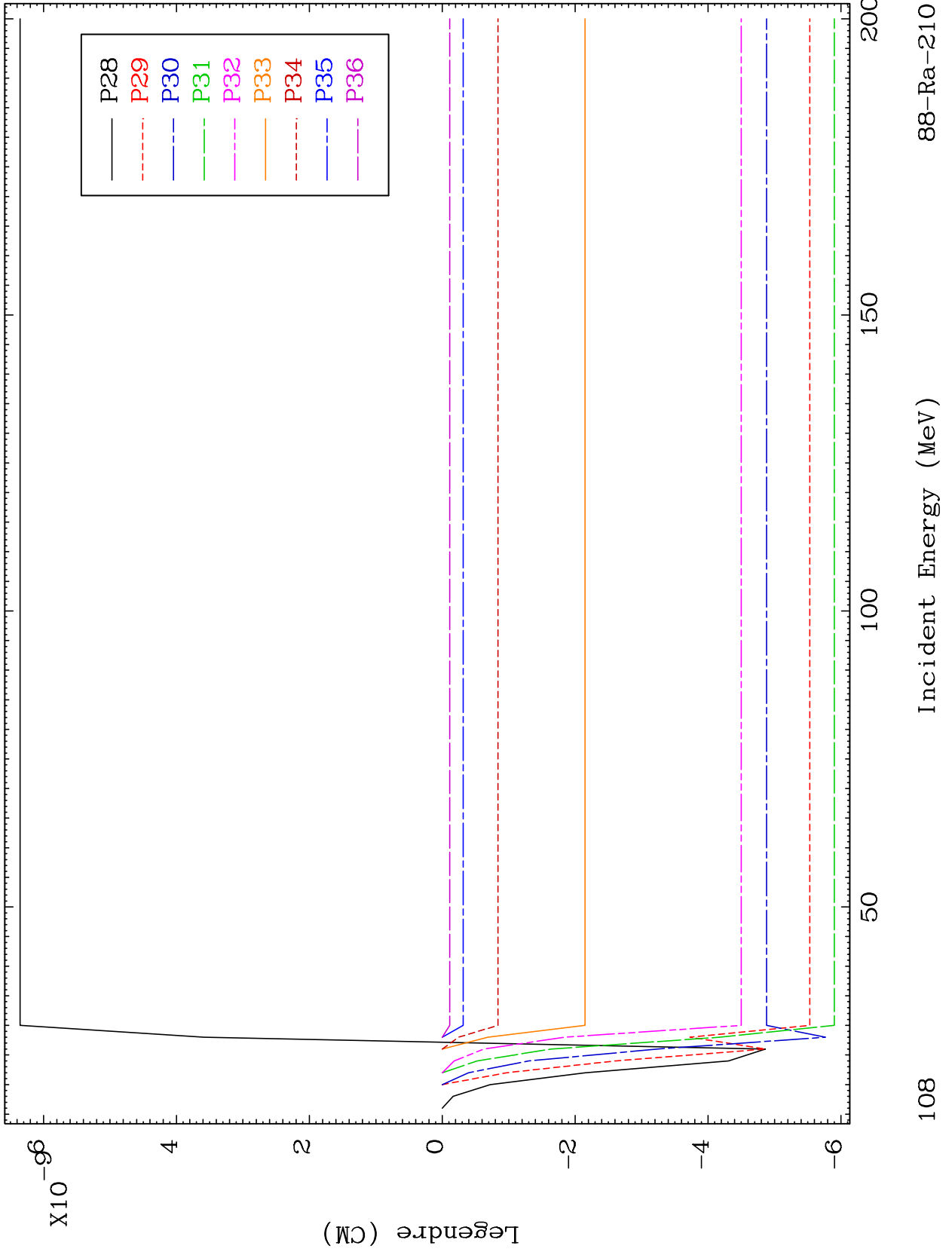
107

88-Ra-210

MAT 8786

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

88-Ra-210



108

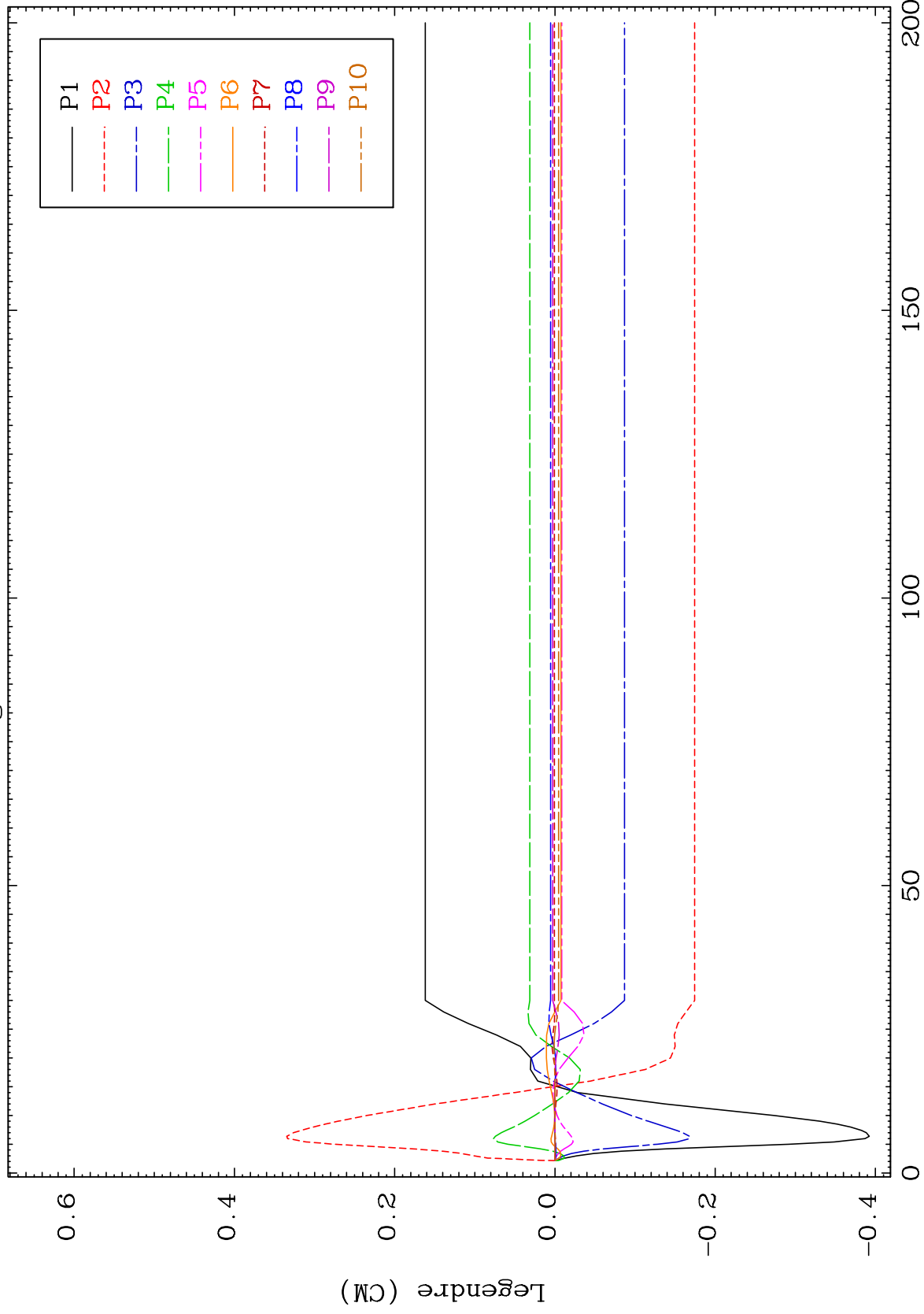
Incident Energy (MeV)

88-Ra-210

MAT 8786

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

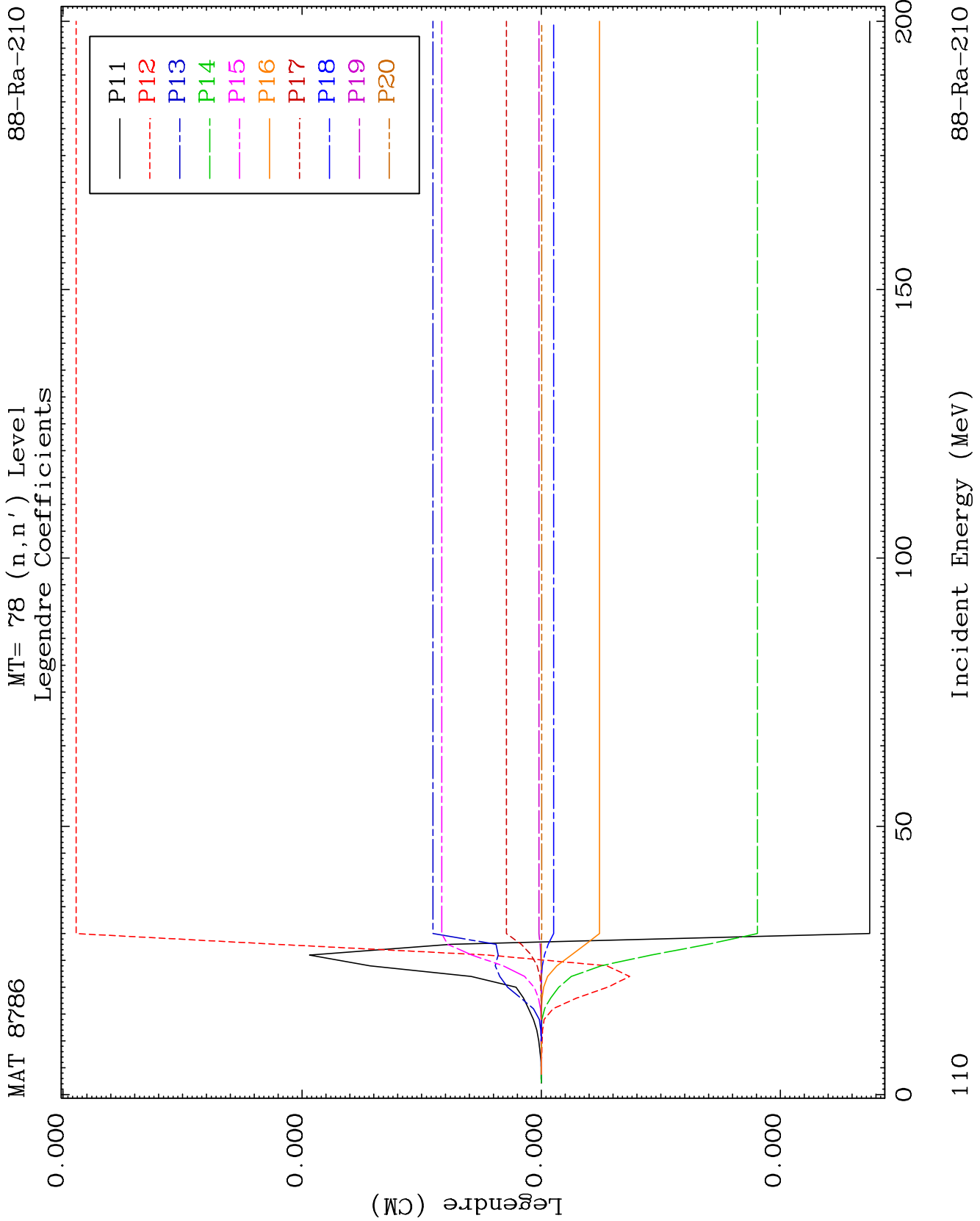
88-Ra-210



109

Incident Energy (MeV)

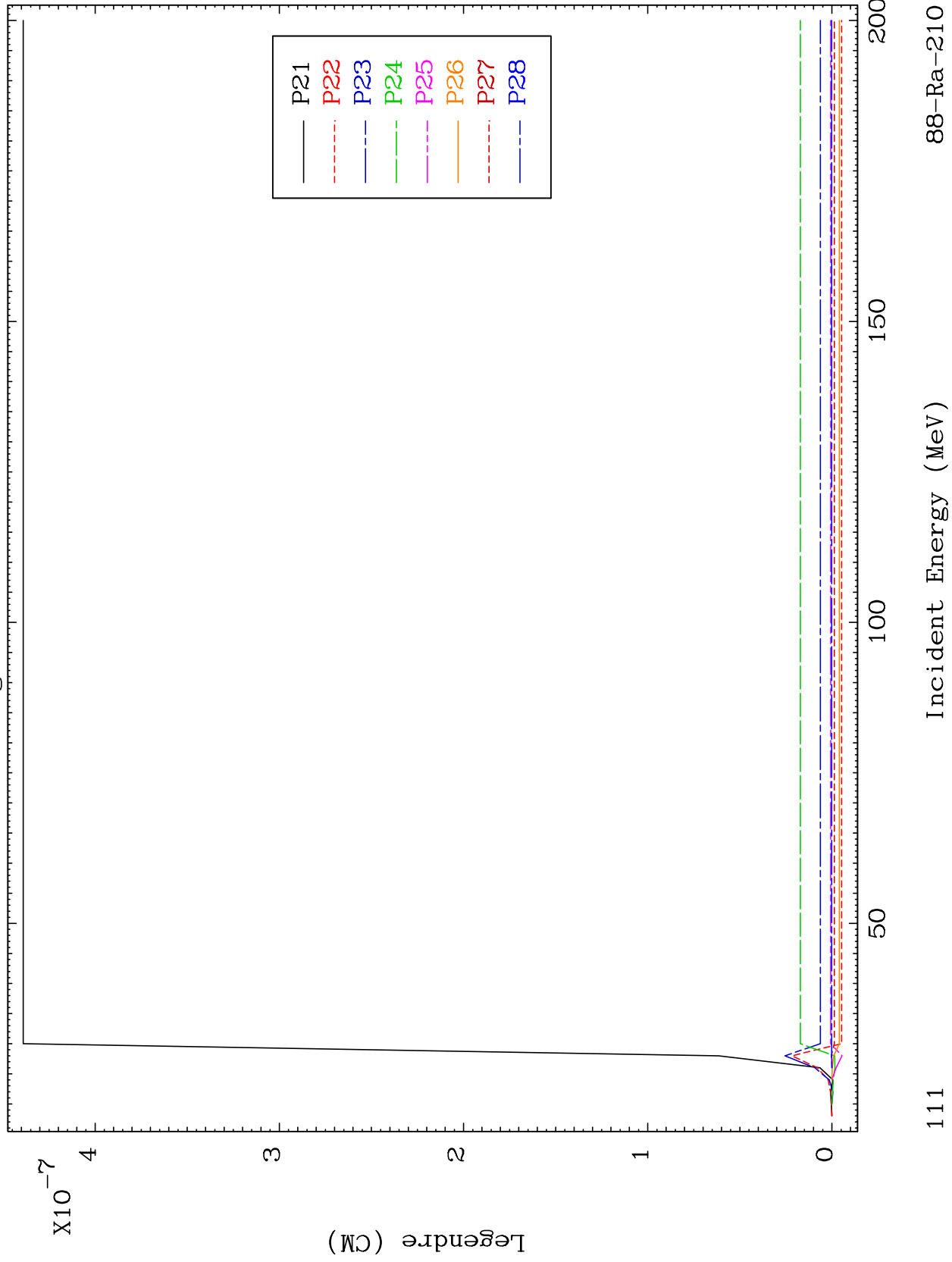
88-Ra-210



MAT 8786

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

88-Ra-210



111

Incident Energy (MeV)

88-Ra-210

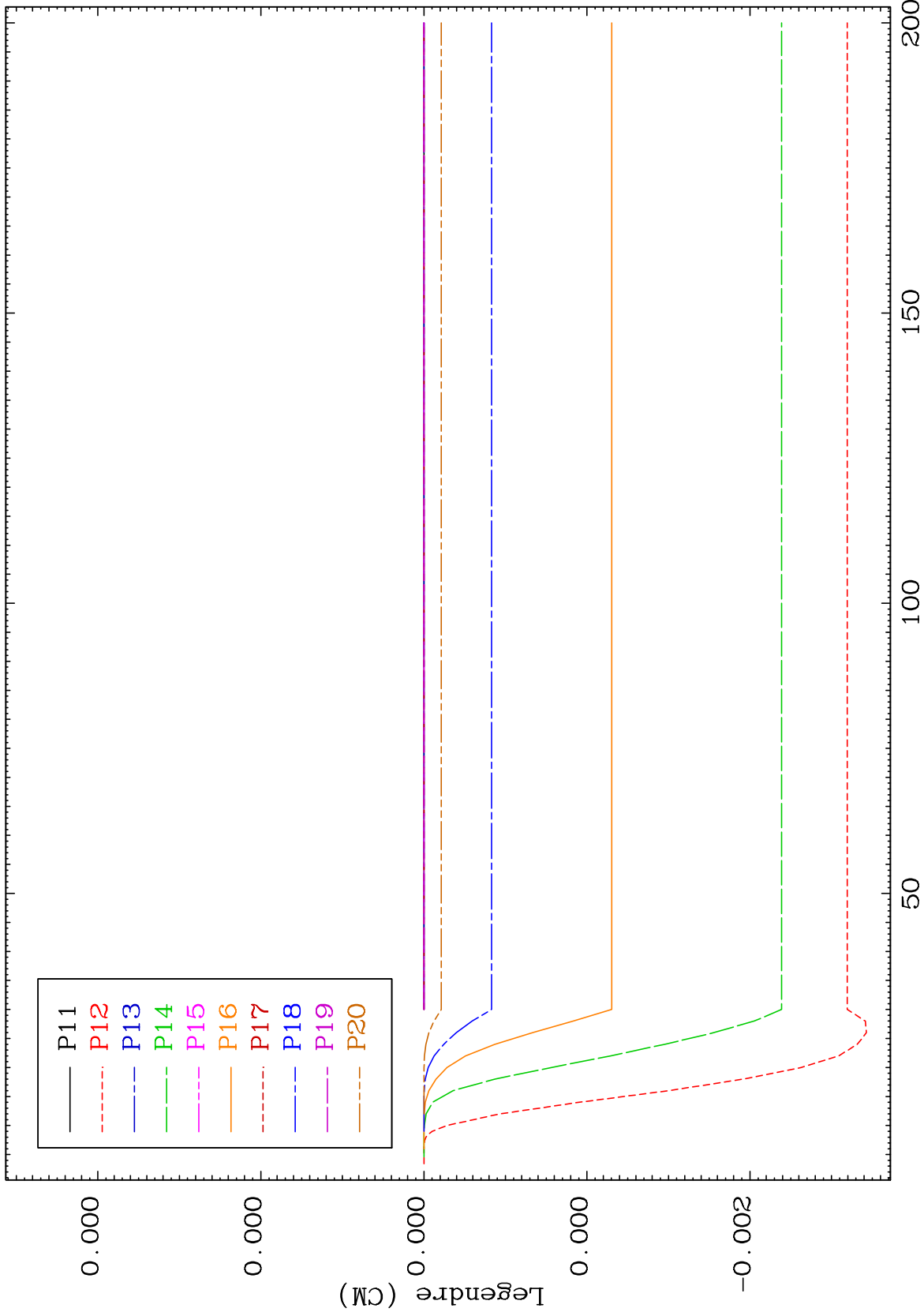




MAT 8786

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

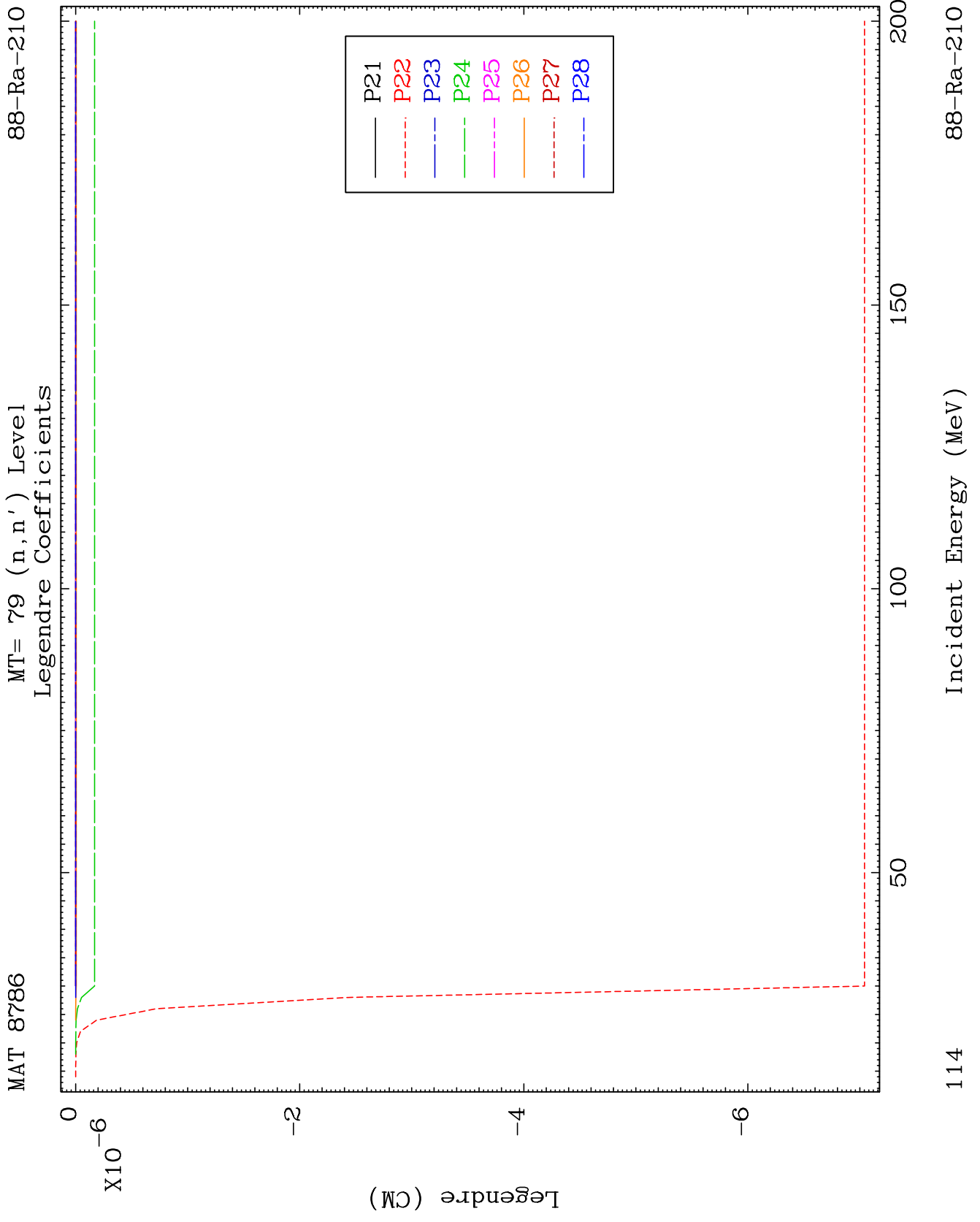
88-Ra-210



113

Incident Energy (MeV)

88-Ra-210

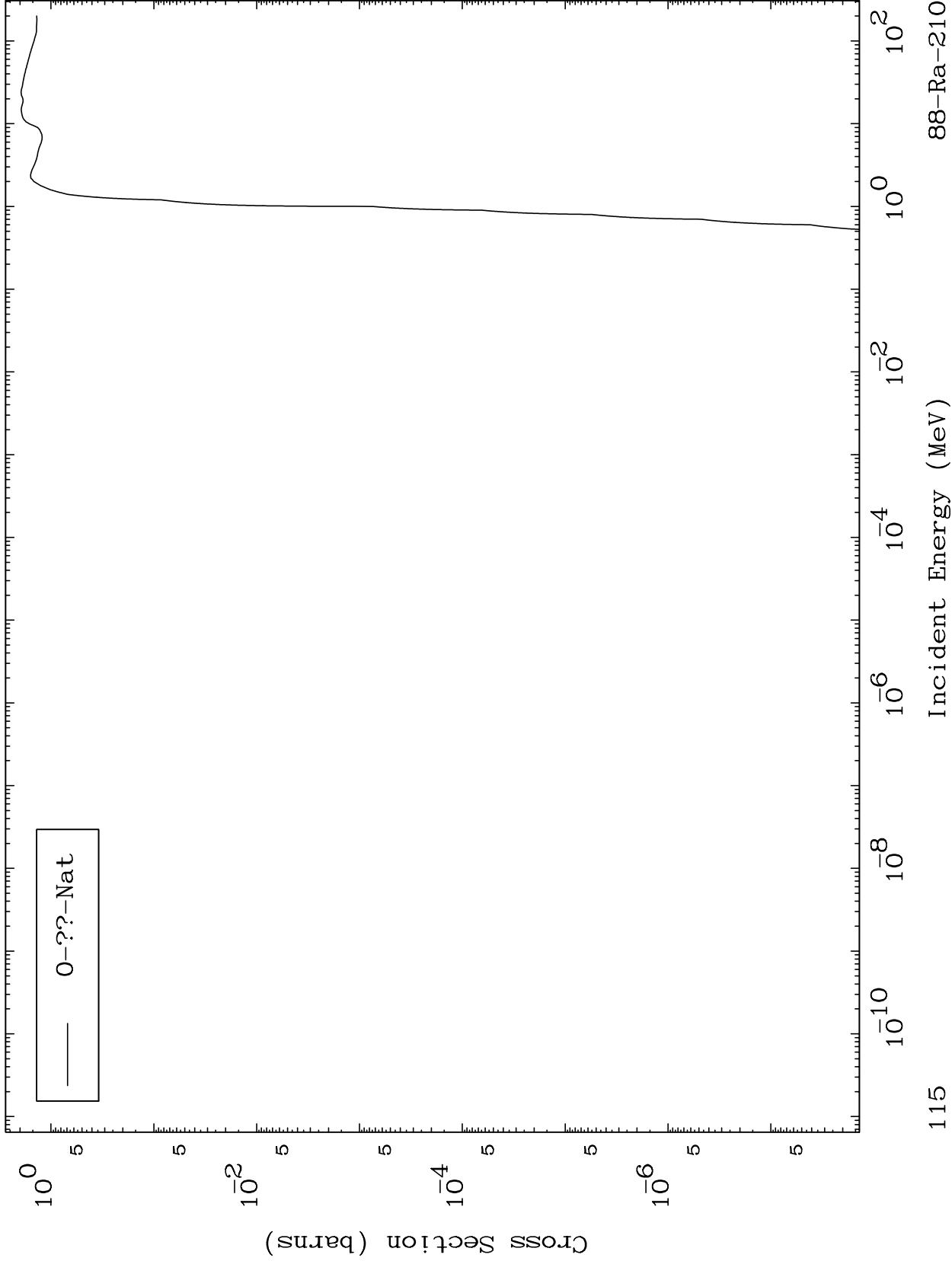


MAT 8786

Fission

88-Ra-210

Radionuclide Production Cross Section



115

Incident Energy (MeV)

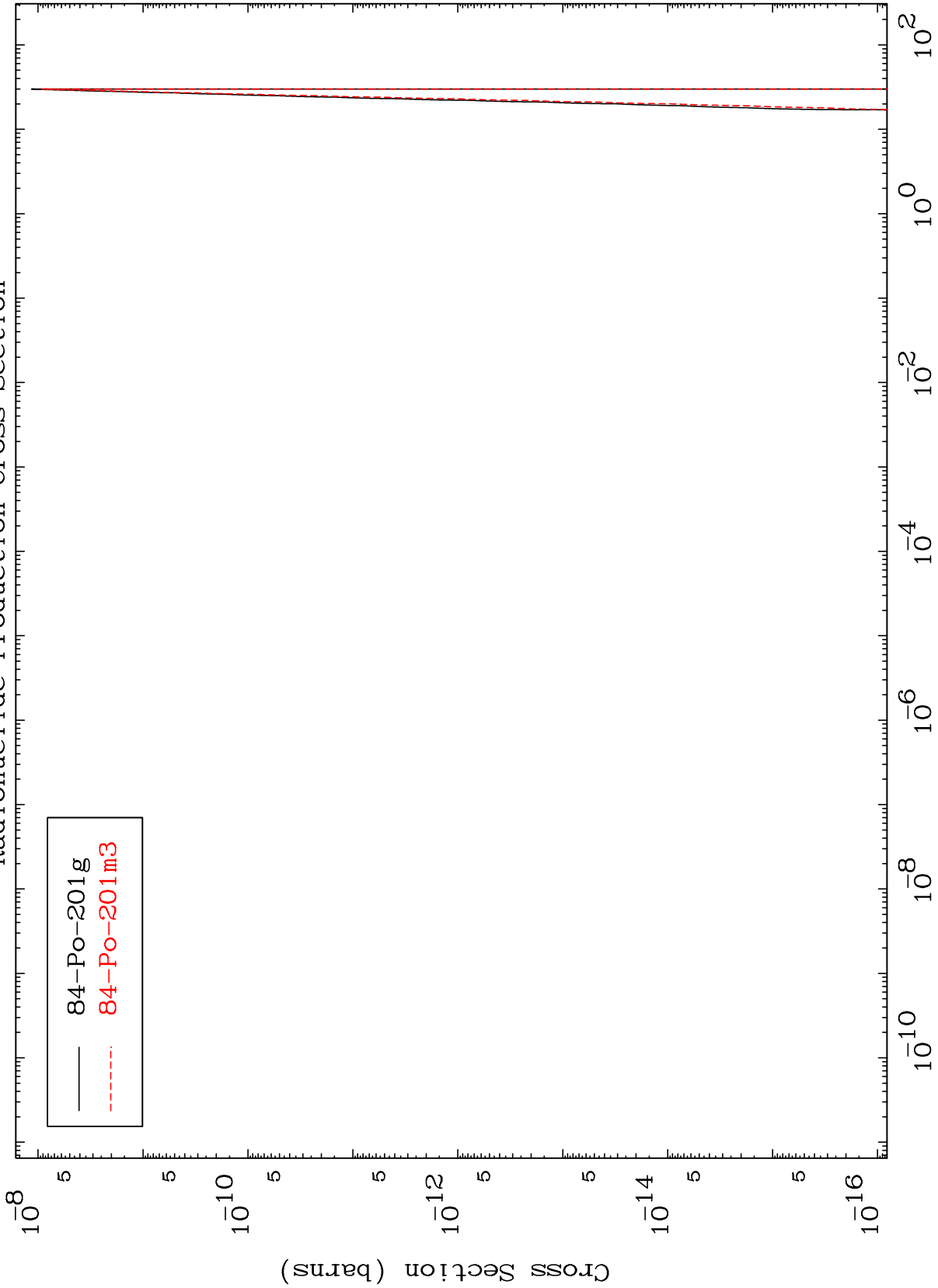
88-Ra-210

MAT 8786

(n,2n) 2 $\alpha$

88-Ra-210

Radionuclide Production Cross Section



84-Po-201 g  
84-Po-201 m3

116

Incident Energy (MeV)

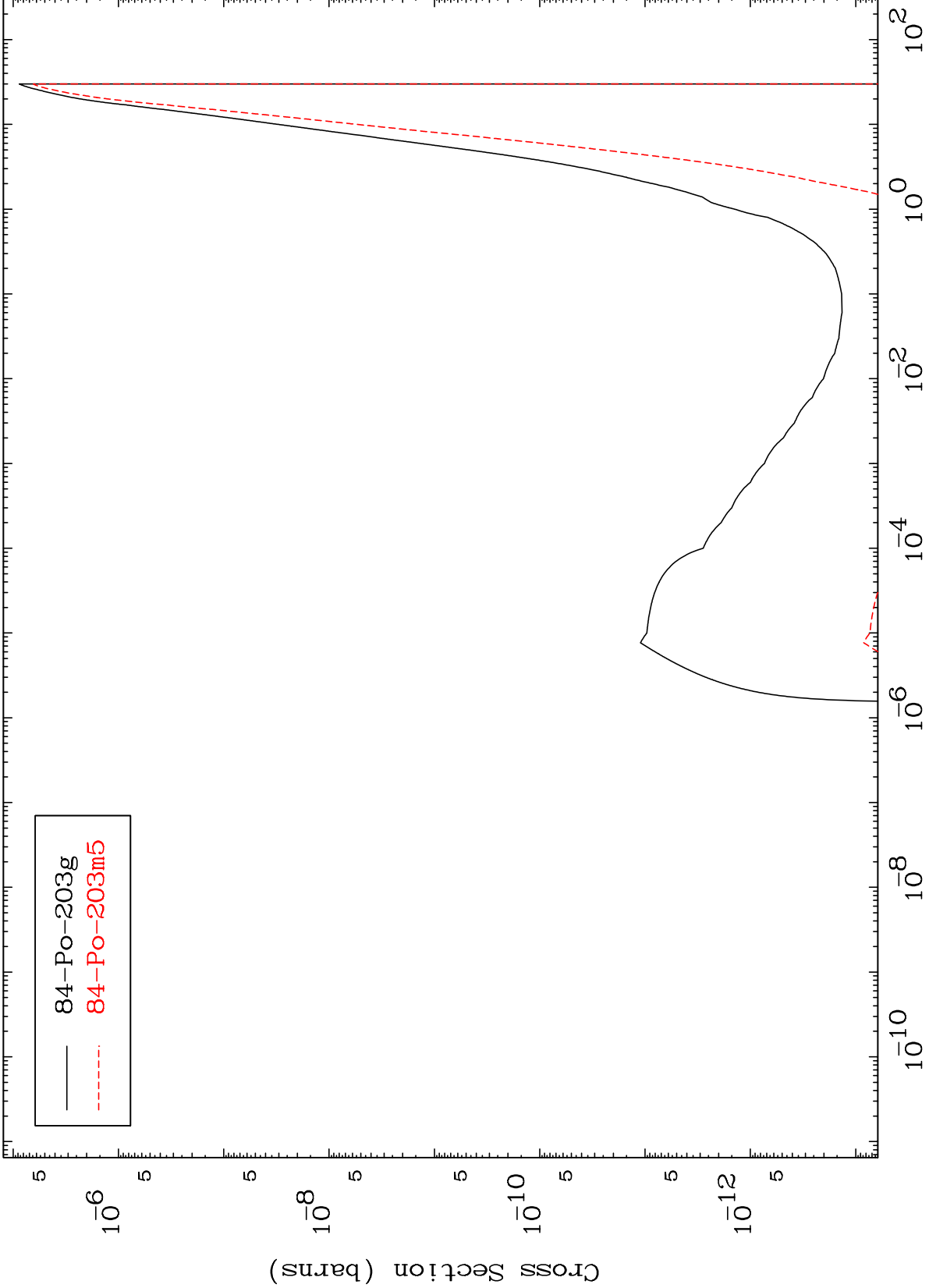
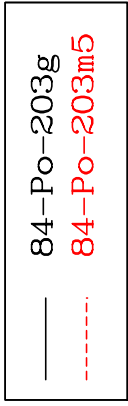
88-Ra-210

MAT 8786

(n,2α)

88-Ra-210

Radionuclide Production Cross Section



117

Incident Energy (MeV)

88-Ra-210

MAT 8786

(n, 3α)

88-Ra-210

Radionuclide Production Cross Section

