

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

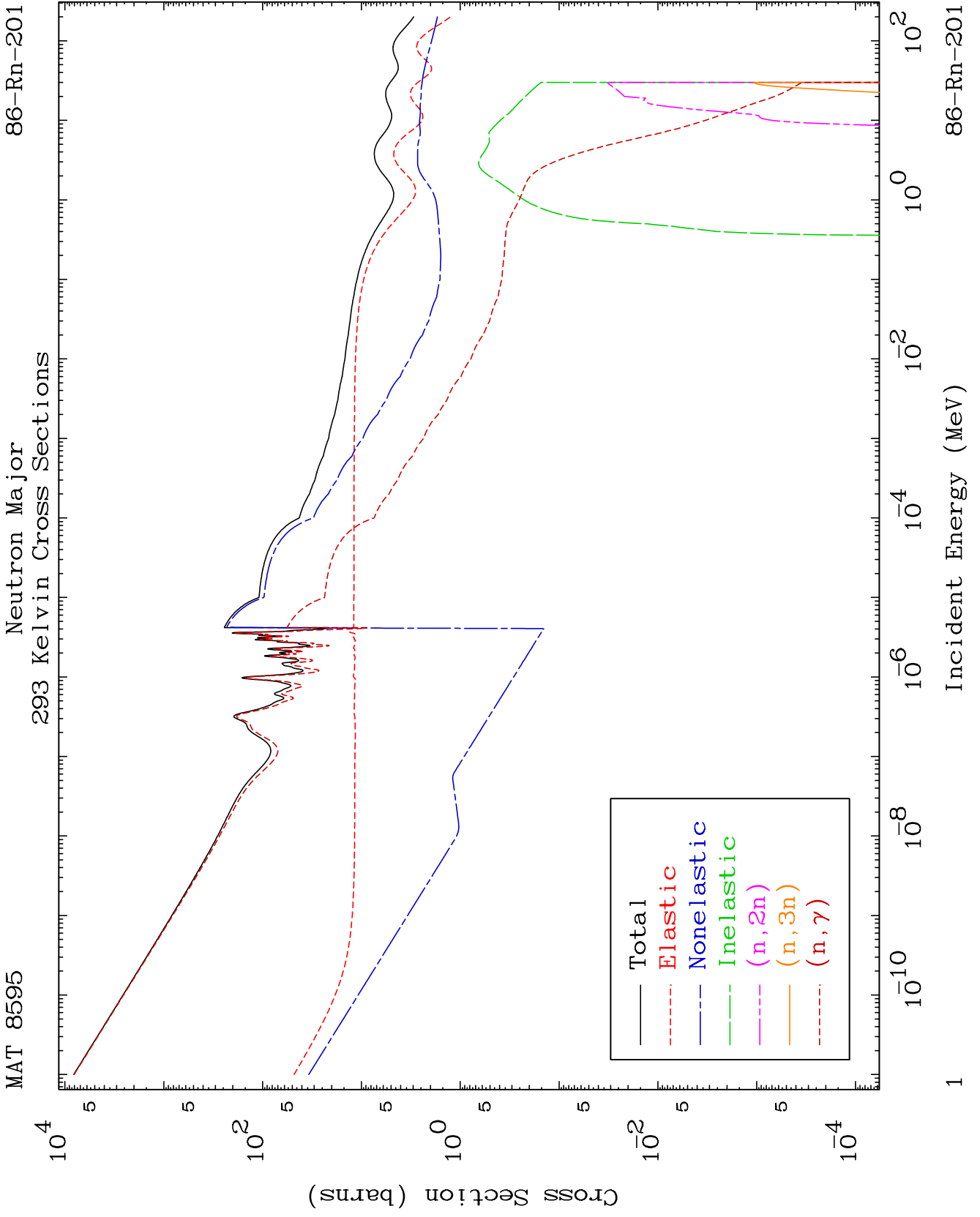
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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

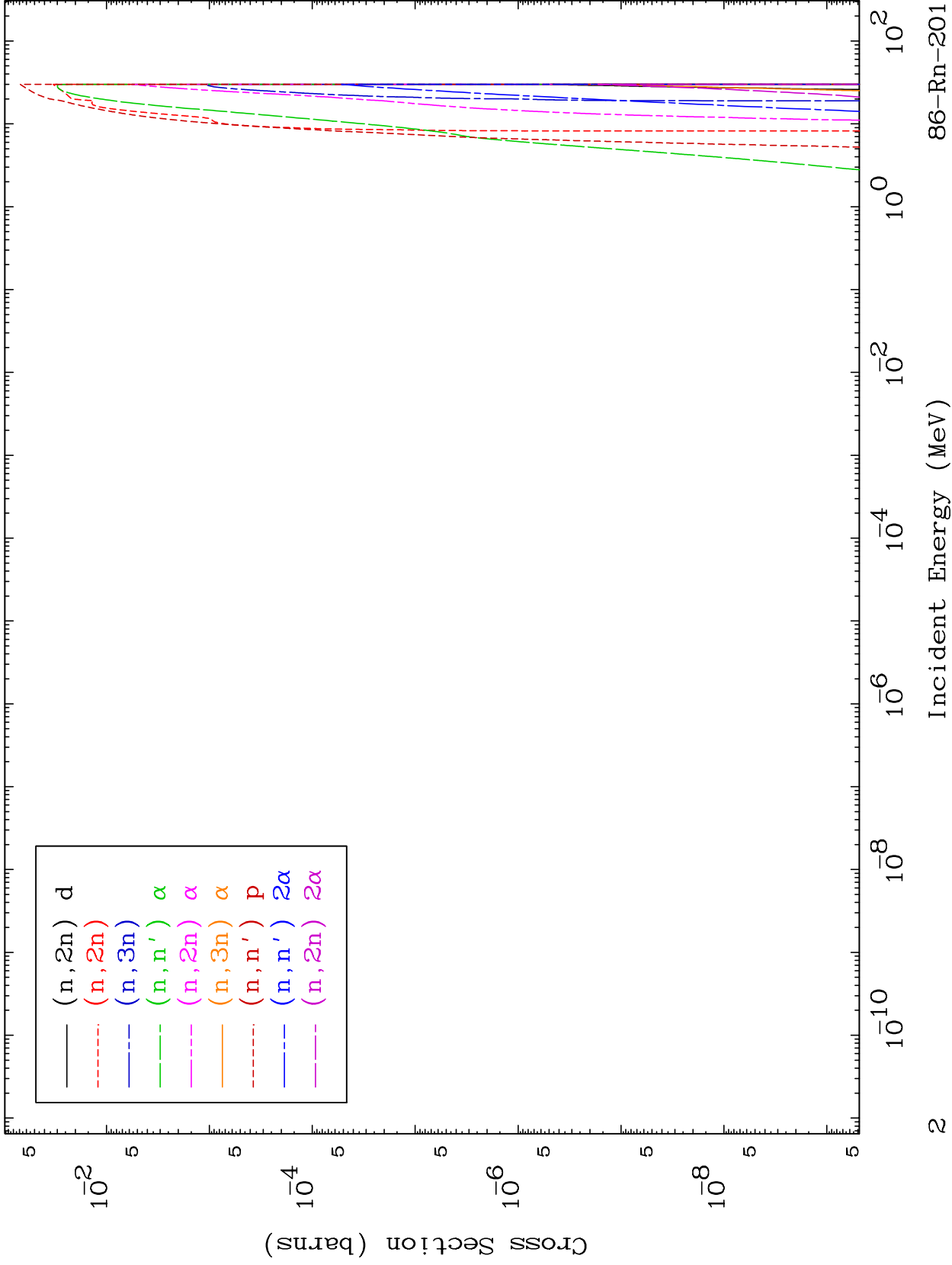
Press Mouse Button to Start



MAT 8595

Neutron Absorption
293 Kelvin Cross Sections

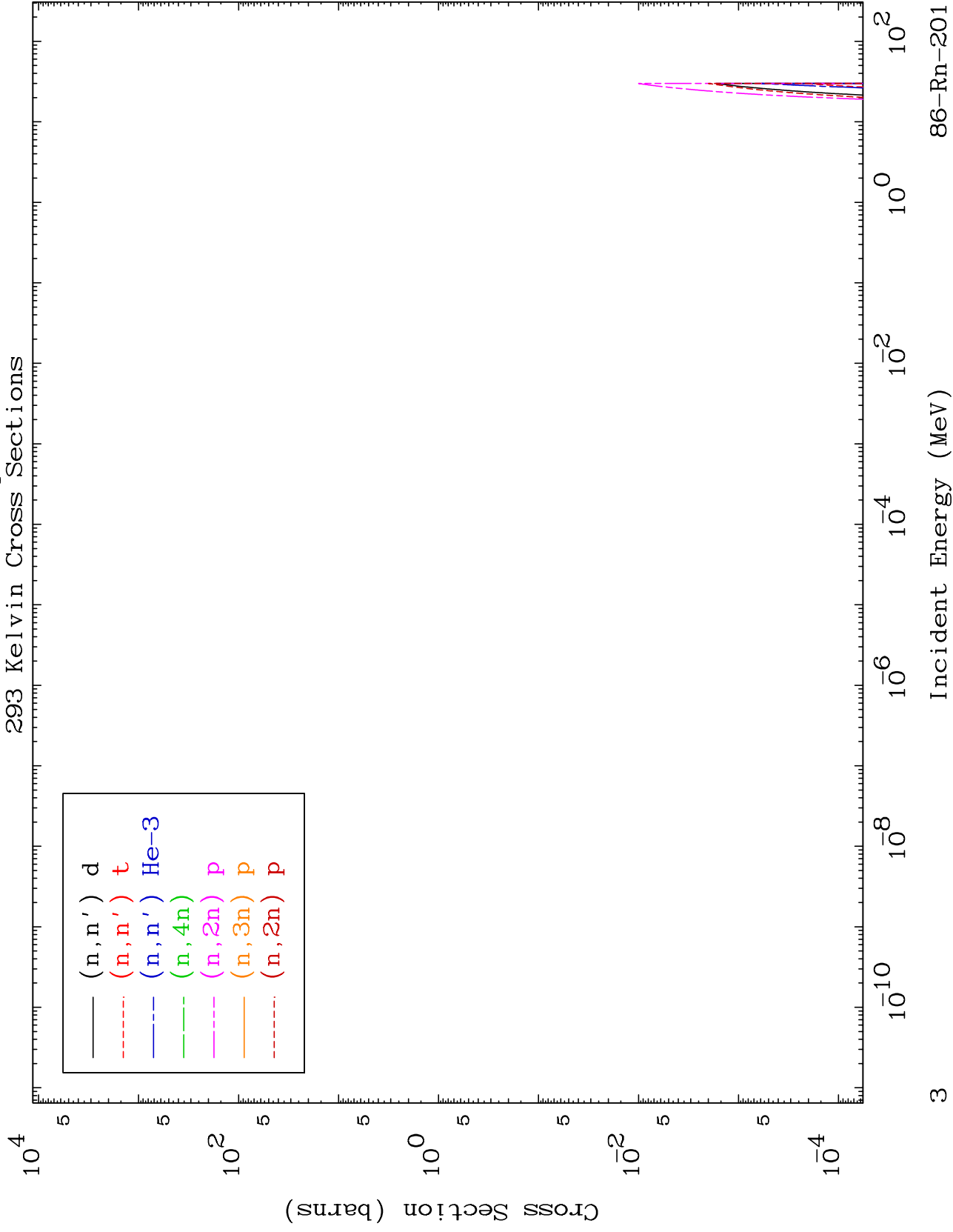
86-Rn-201



MAT 8595

Neutron Absorption
293 Kelvin Cross Sections

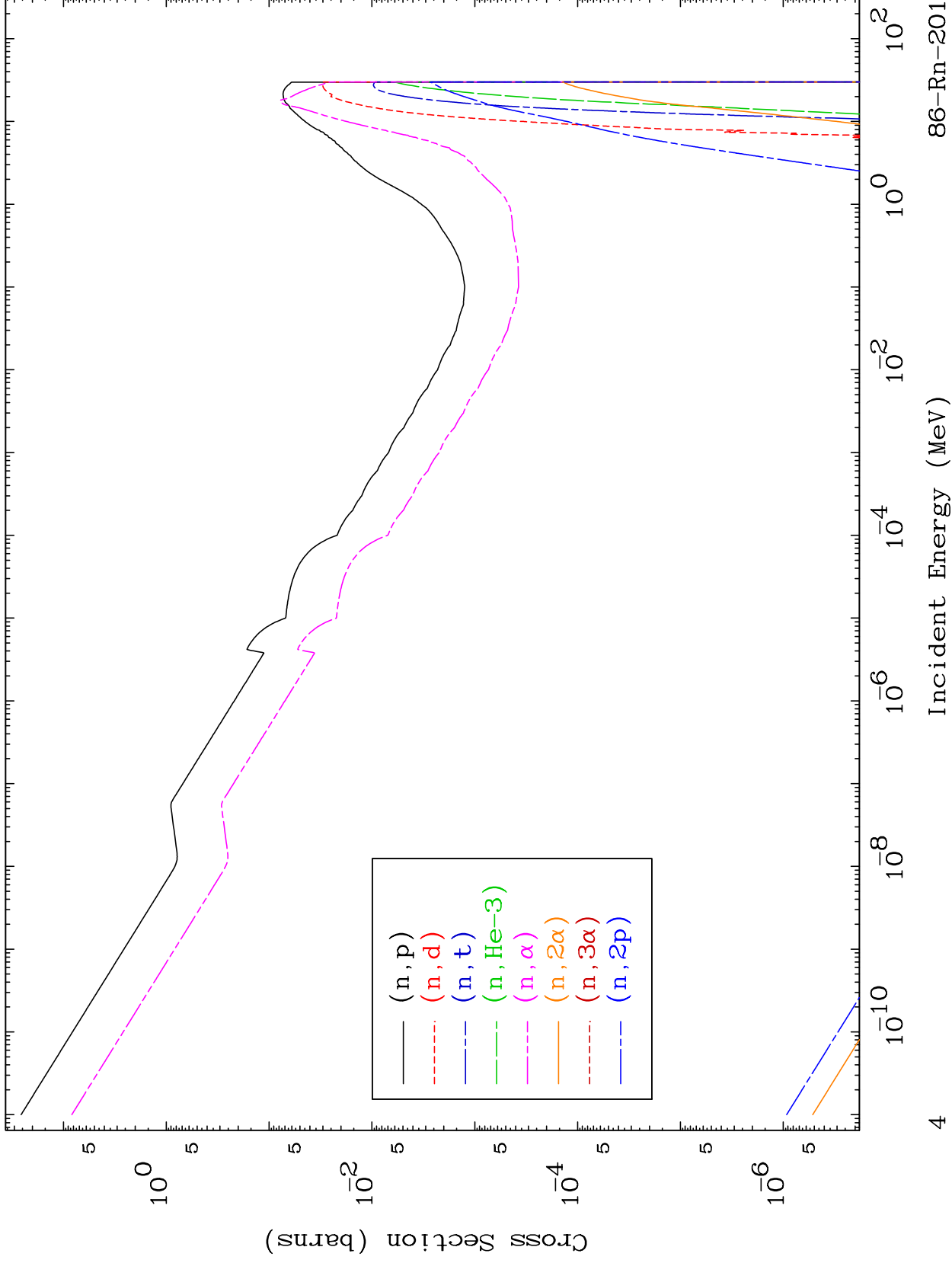
86-Rn-201



MAT 8595

Neutron Absorption
293 Kelvin Cross Sections

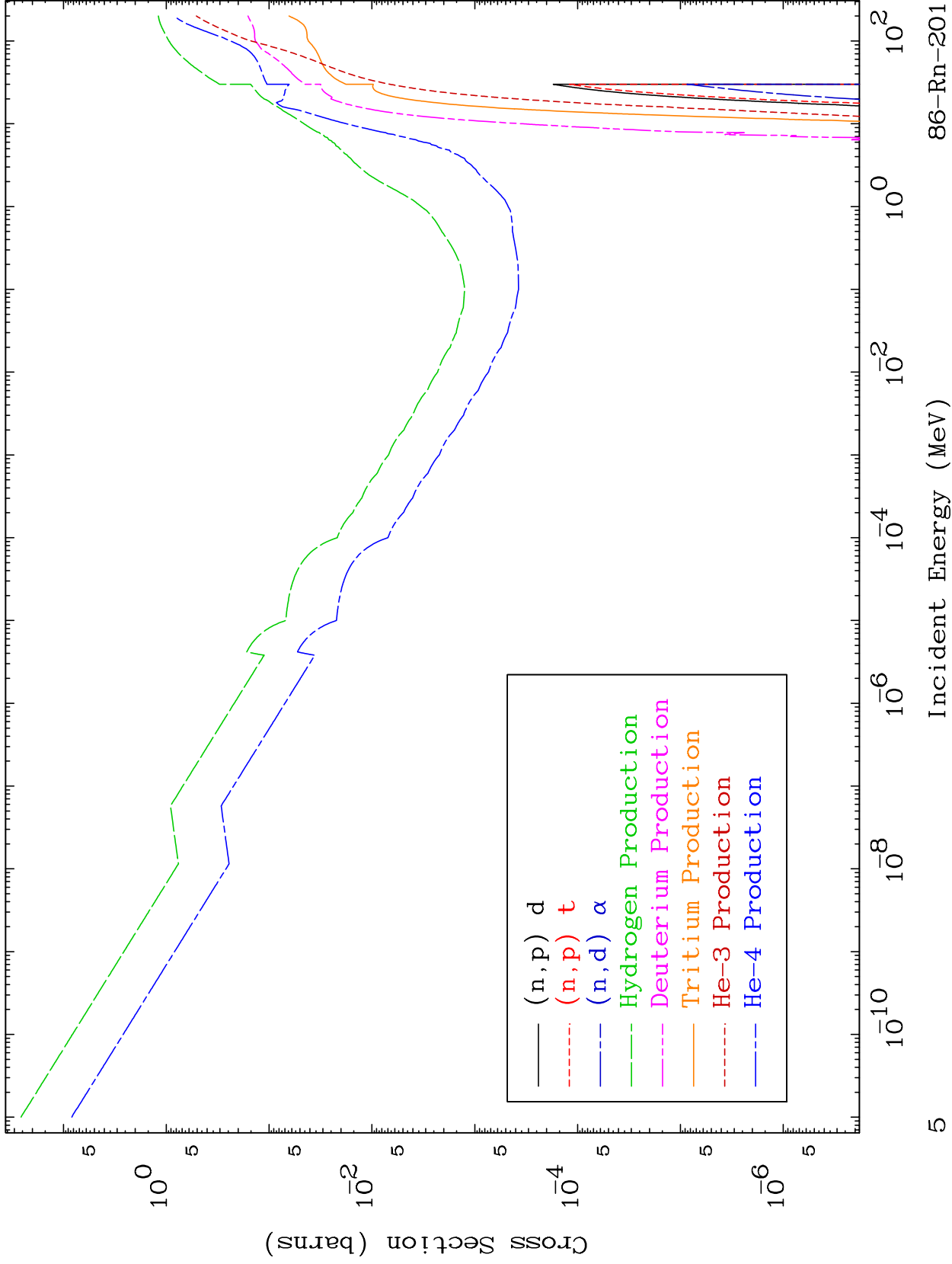
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MAT 8595

Neutron Absorption
293 Kelvin Cross Sections

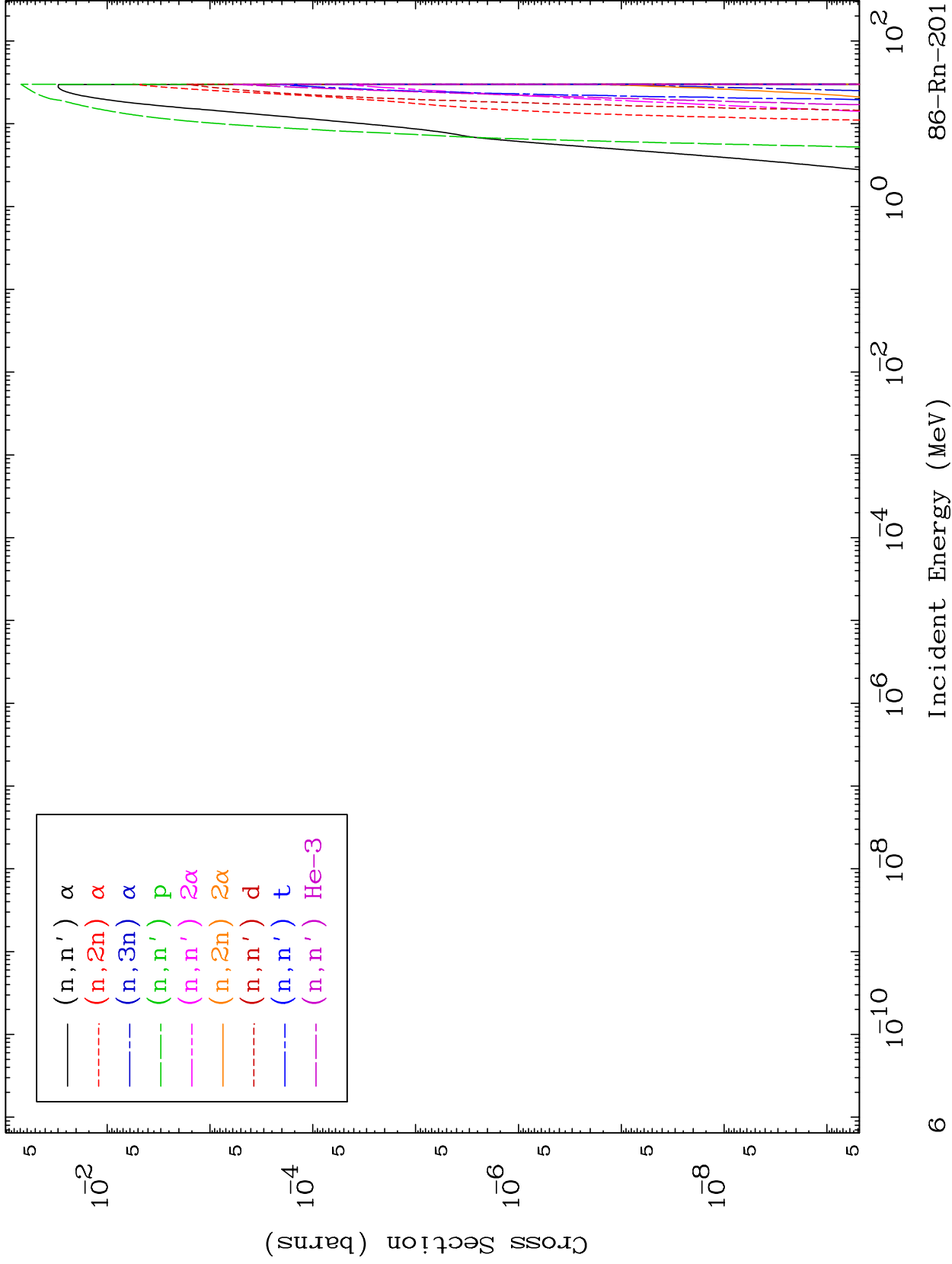
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MAT 8595

Charged Particle
293 Kelvin Cross Sections

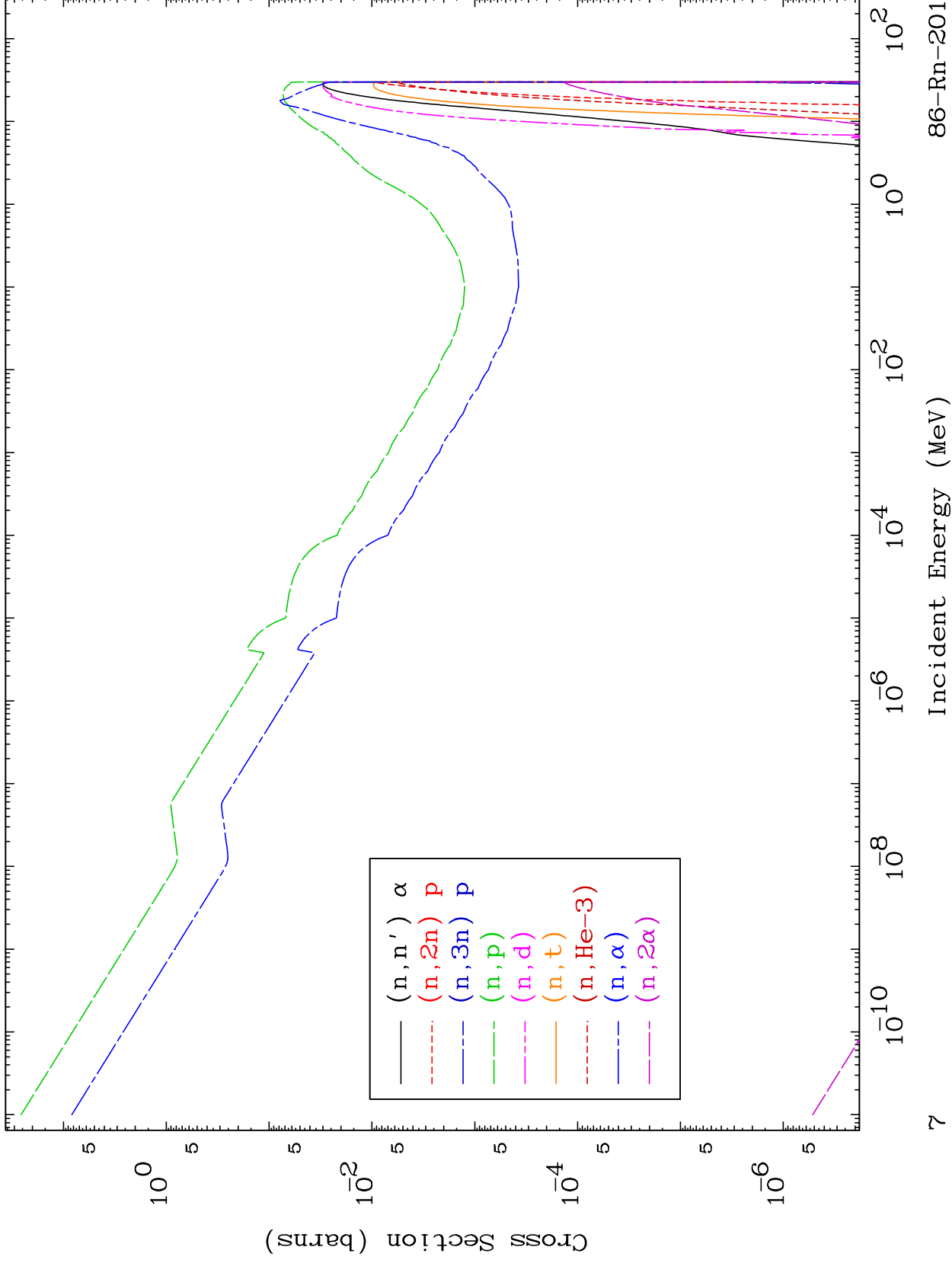
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MAT 8595

Charged Particle
293 Kelvin Cross Sections

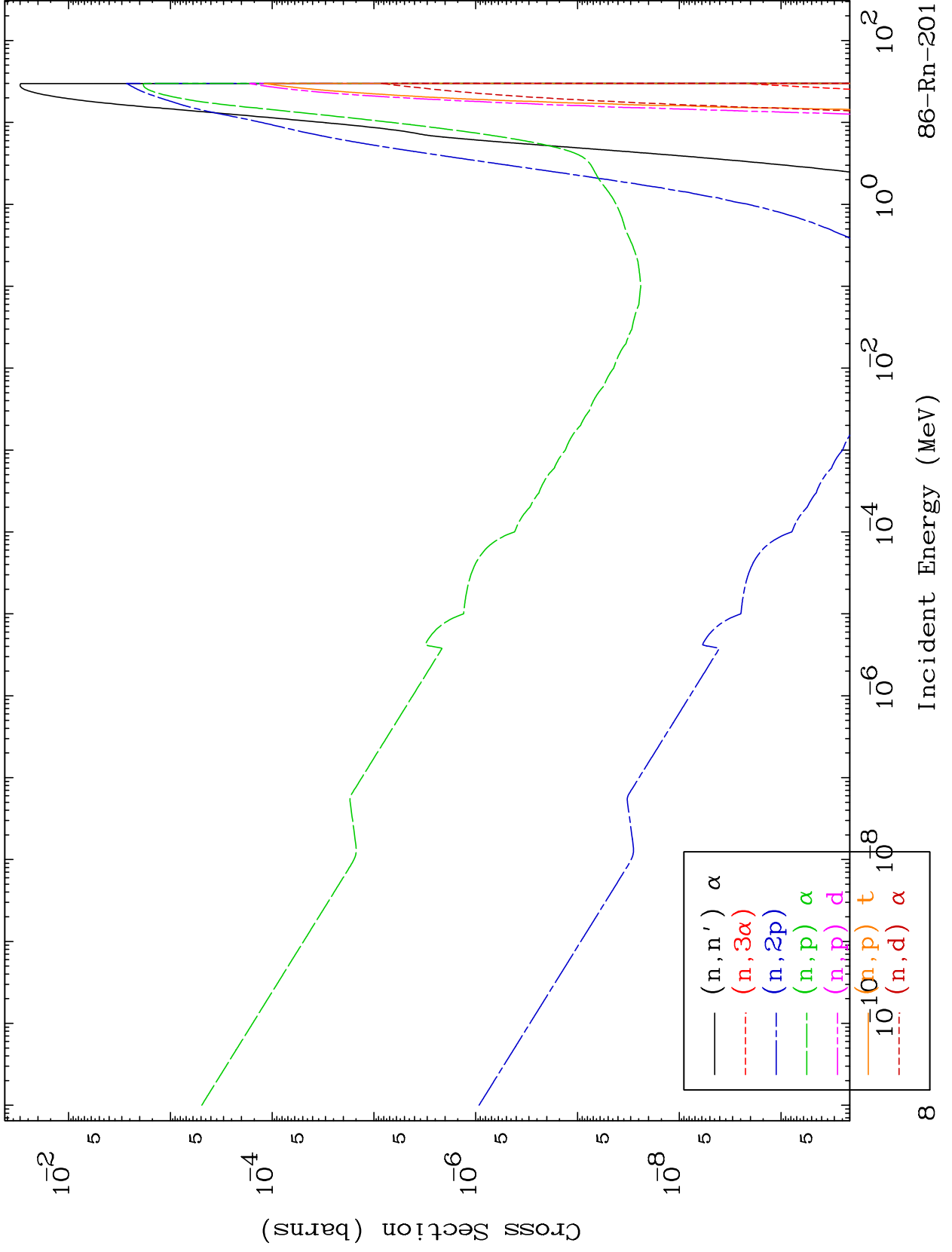
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MAT 8595

Charged Particle
293 Kelvin Cross Sections

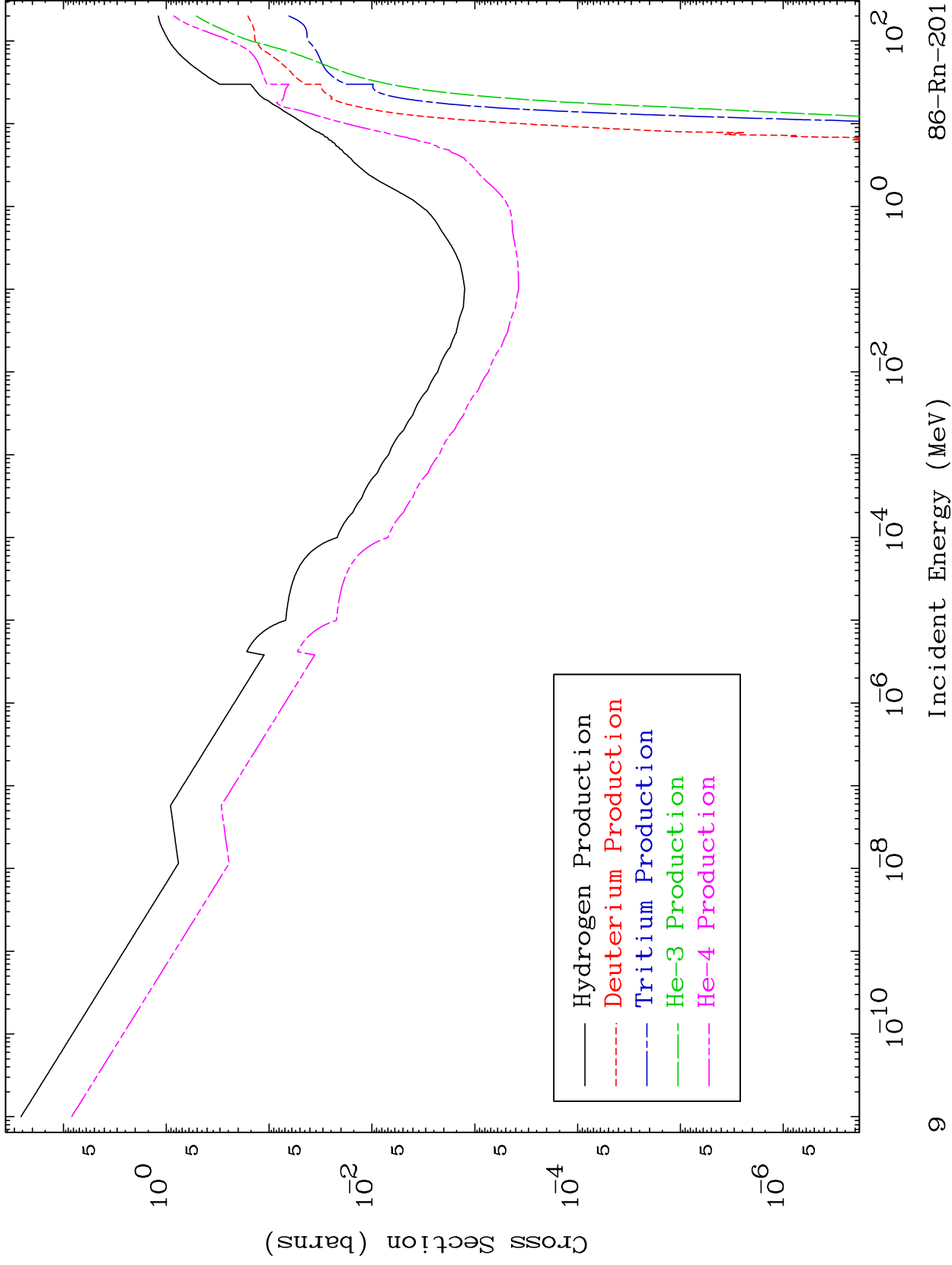
86-Rn-201



MAT 8595

Particle Production
293 Kelvin Cross Sections

86-Rn-201

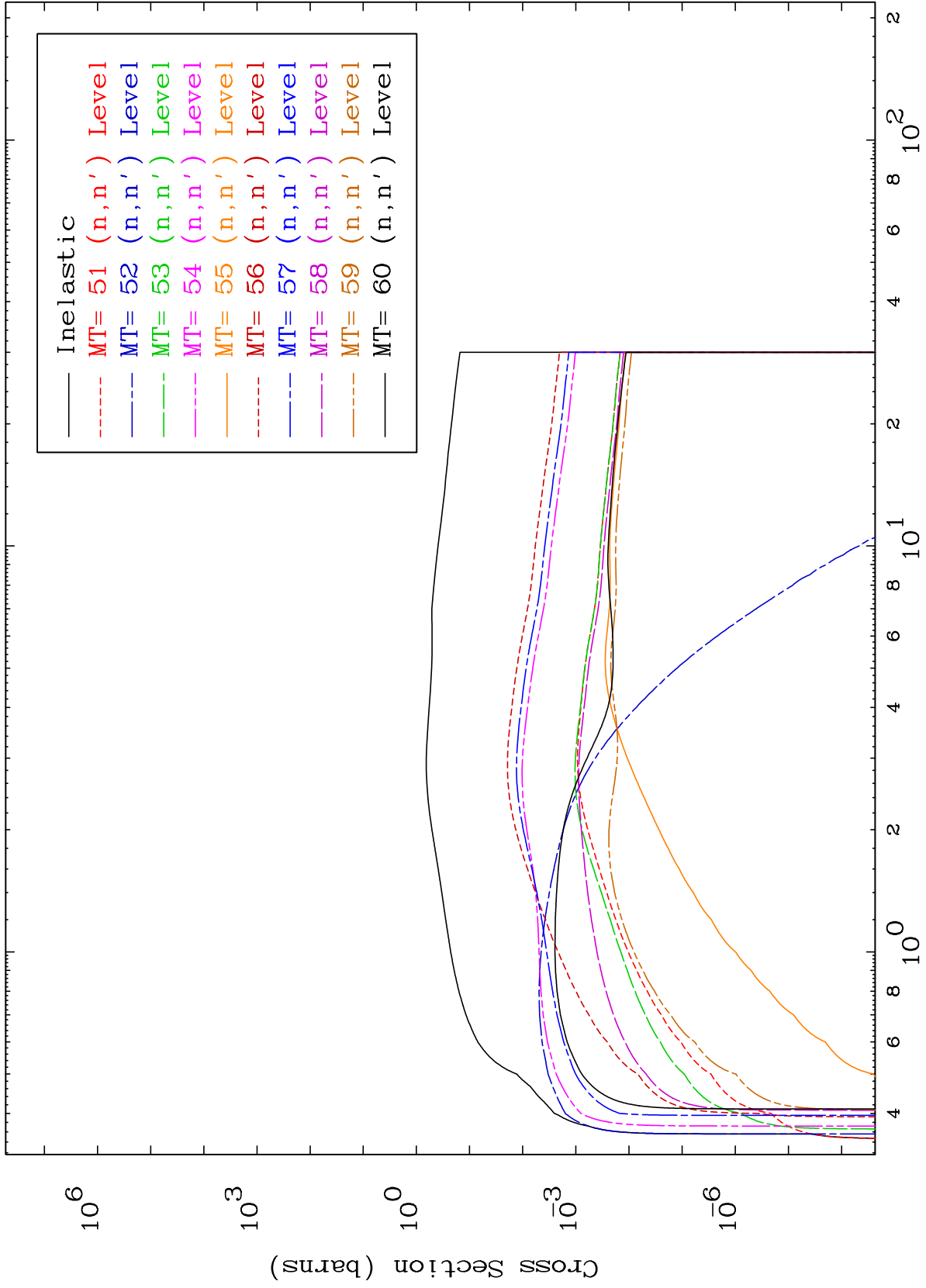


MAT 8595

(n,n') Levels

86-Rn-201

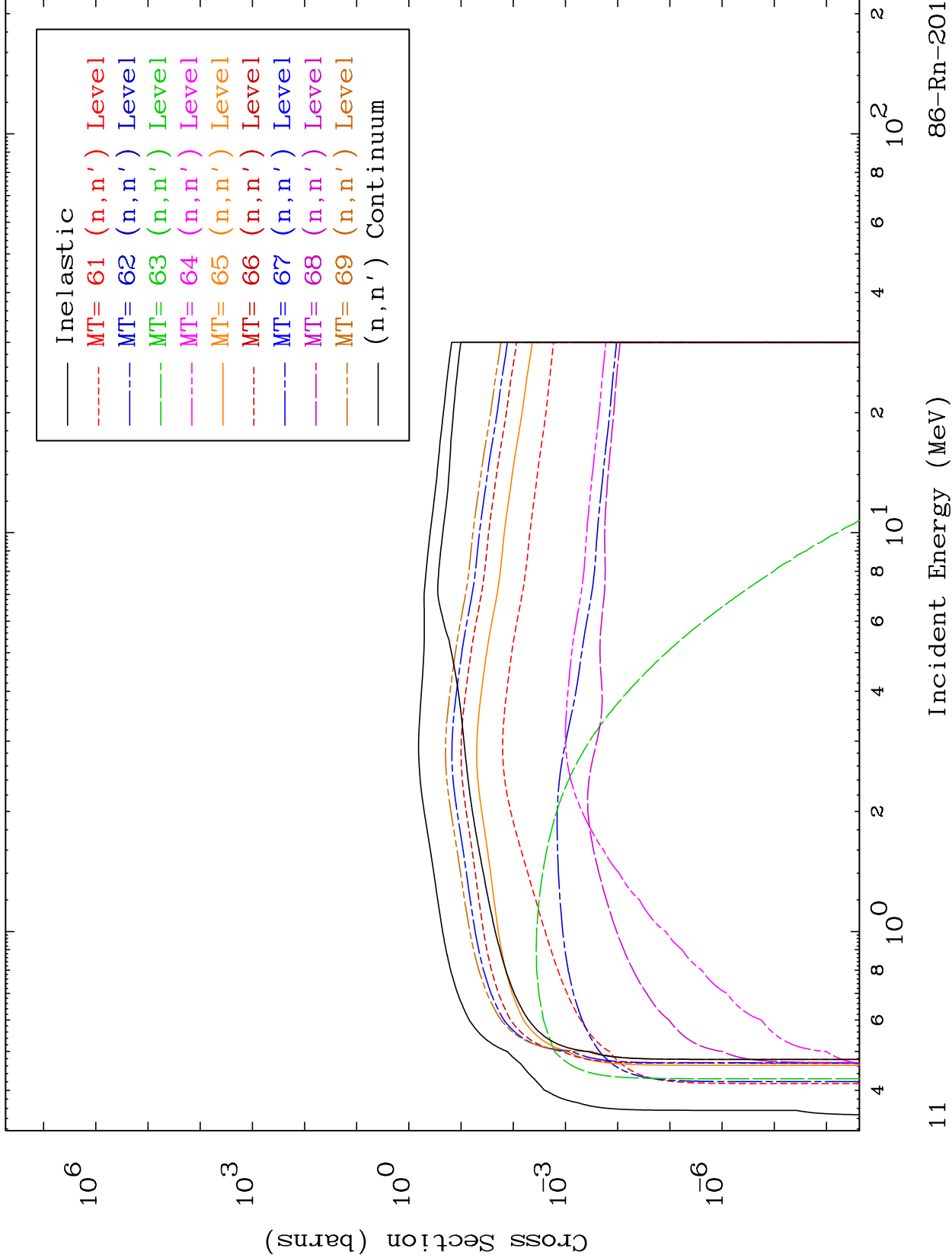
293 Kelvin Cross Sections



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Incident Energy (MeV)

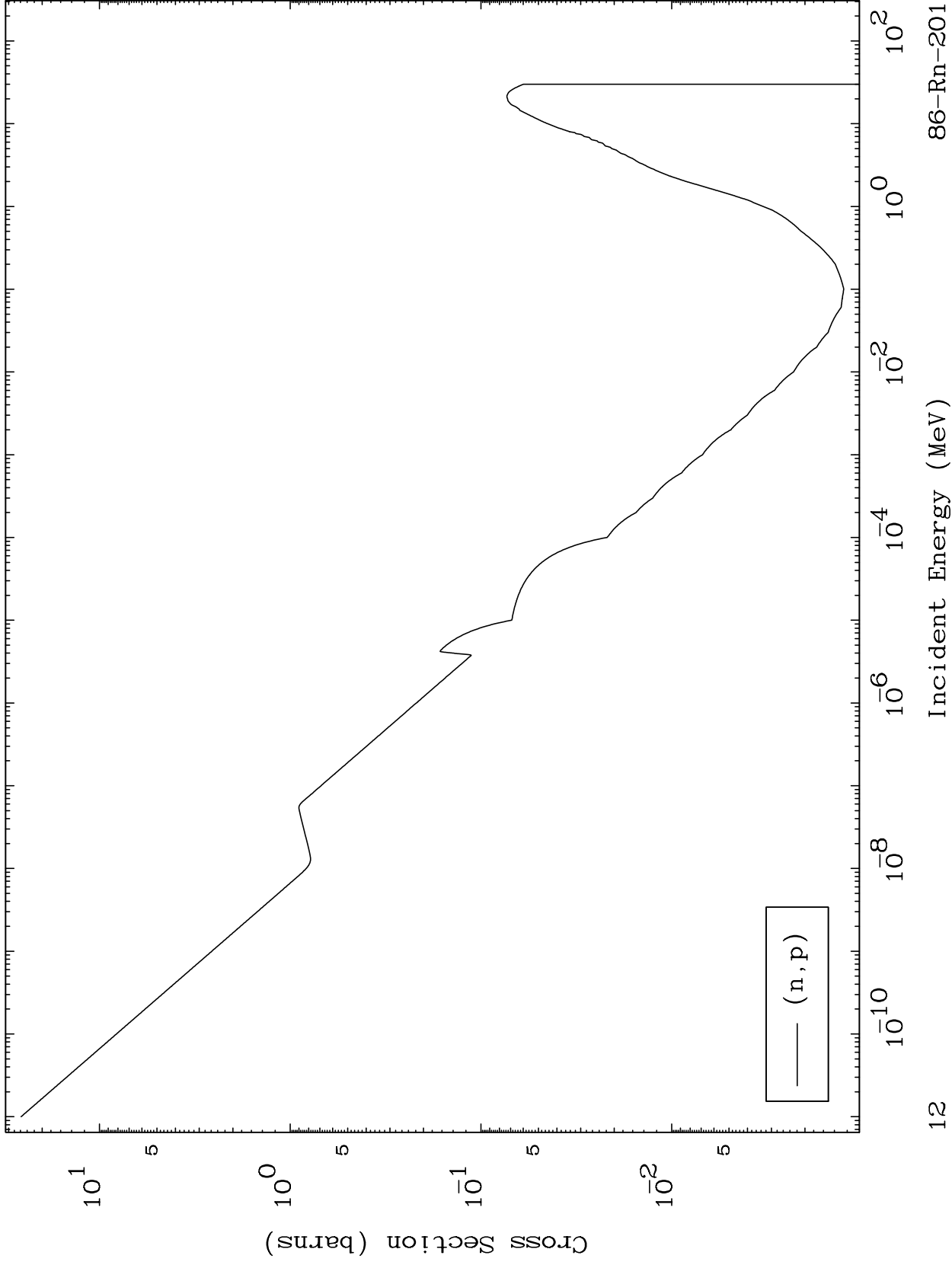
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MAT 8595

(n,p) Levels
293 Kelvin Cross Sections

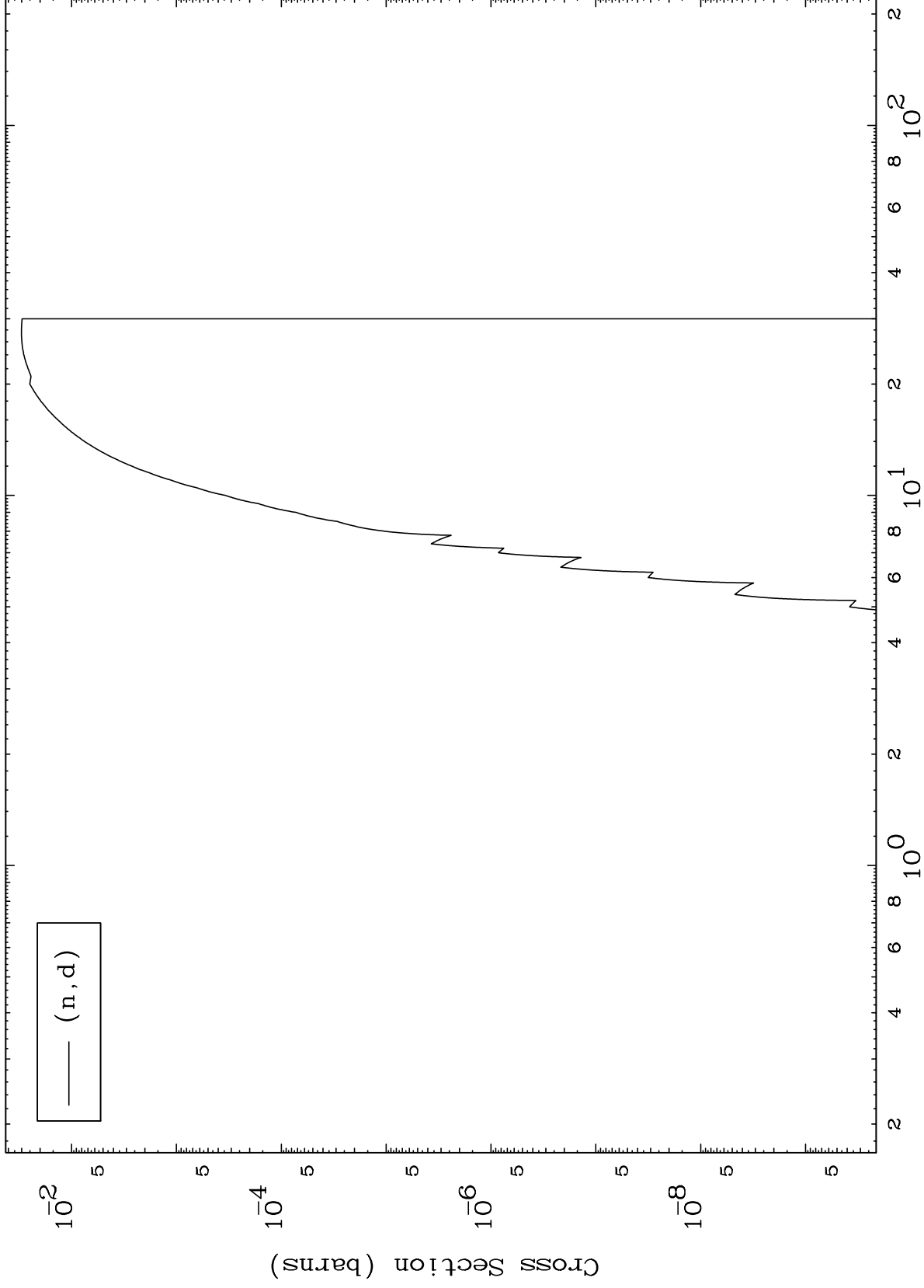
86-Rn-201



MAT 8595

(n,d) Levels
293 Kelvin Cross Sections

86-Rn-201



13

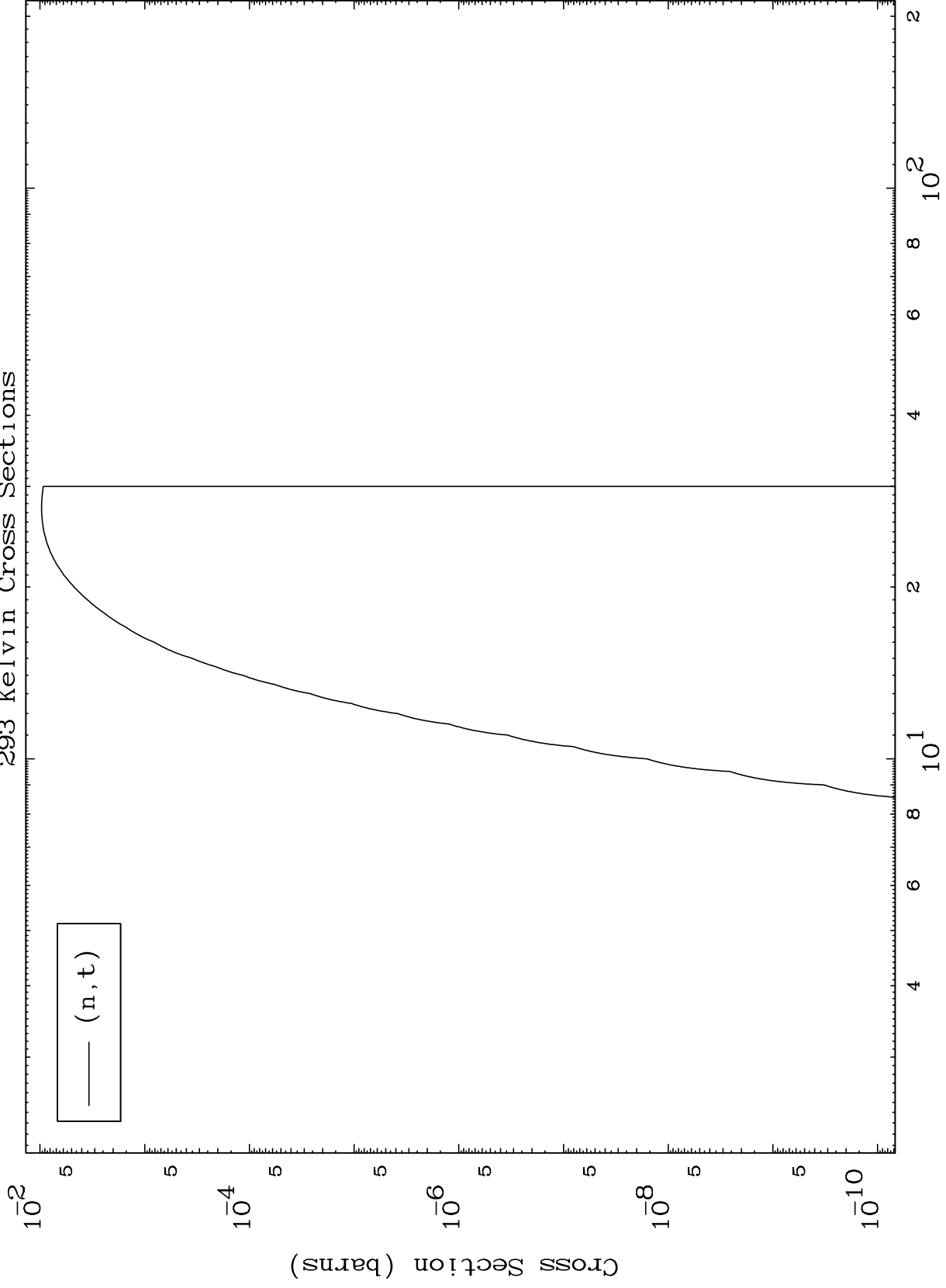
Incident Energy (MeV)

86-Rn-201

MAT 8595

(n,t) Levels
293 Kelvin Cross Sections

86-Rn-201



14

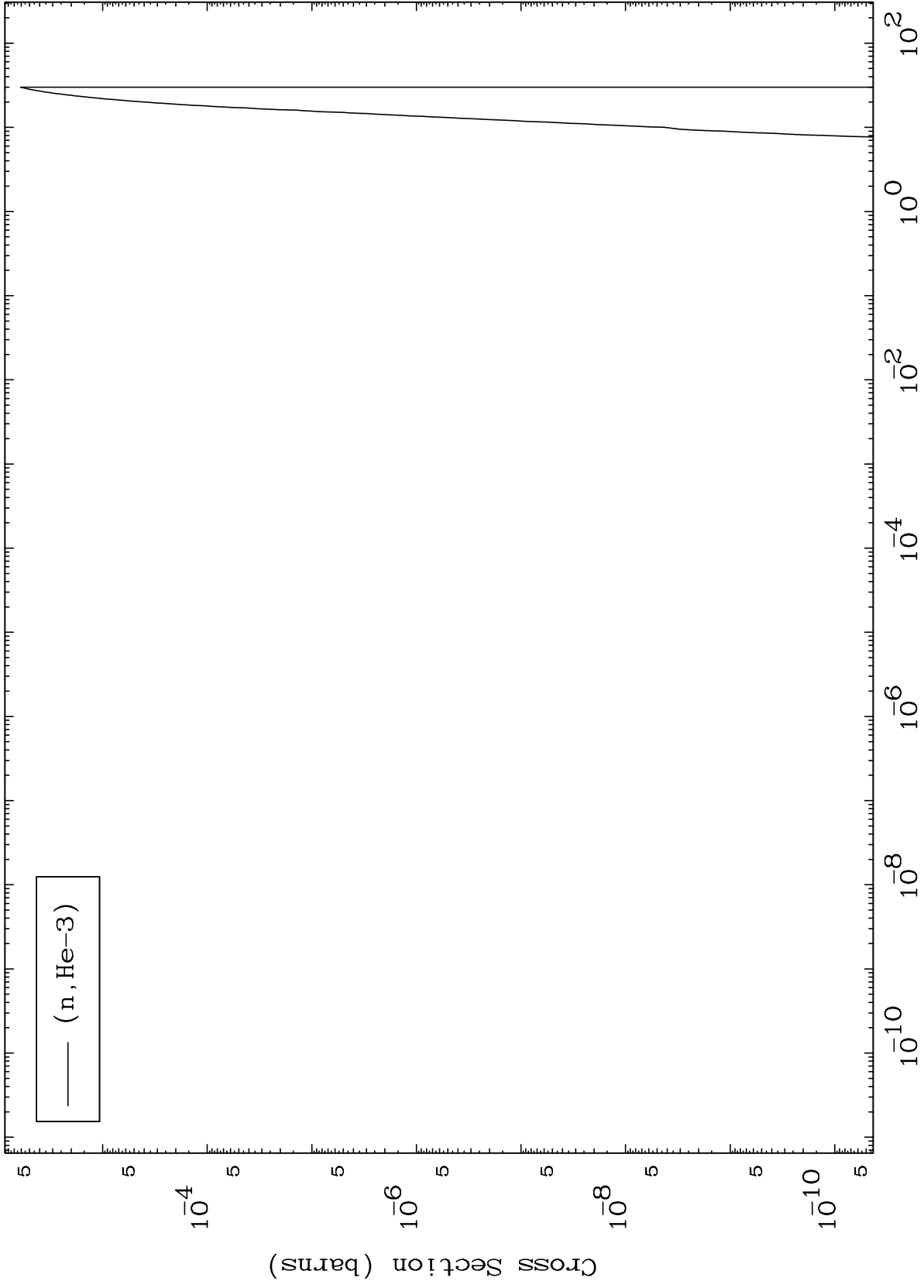
Incident Energy (MeV)

86-Rn-201

MAT 8595

(n,He3) Levels
293 Kelvin Cross Sections

86-Rn-201



15

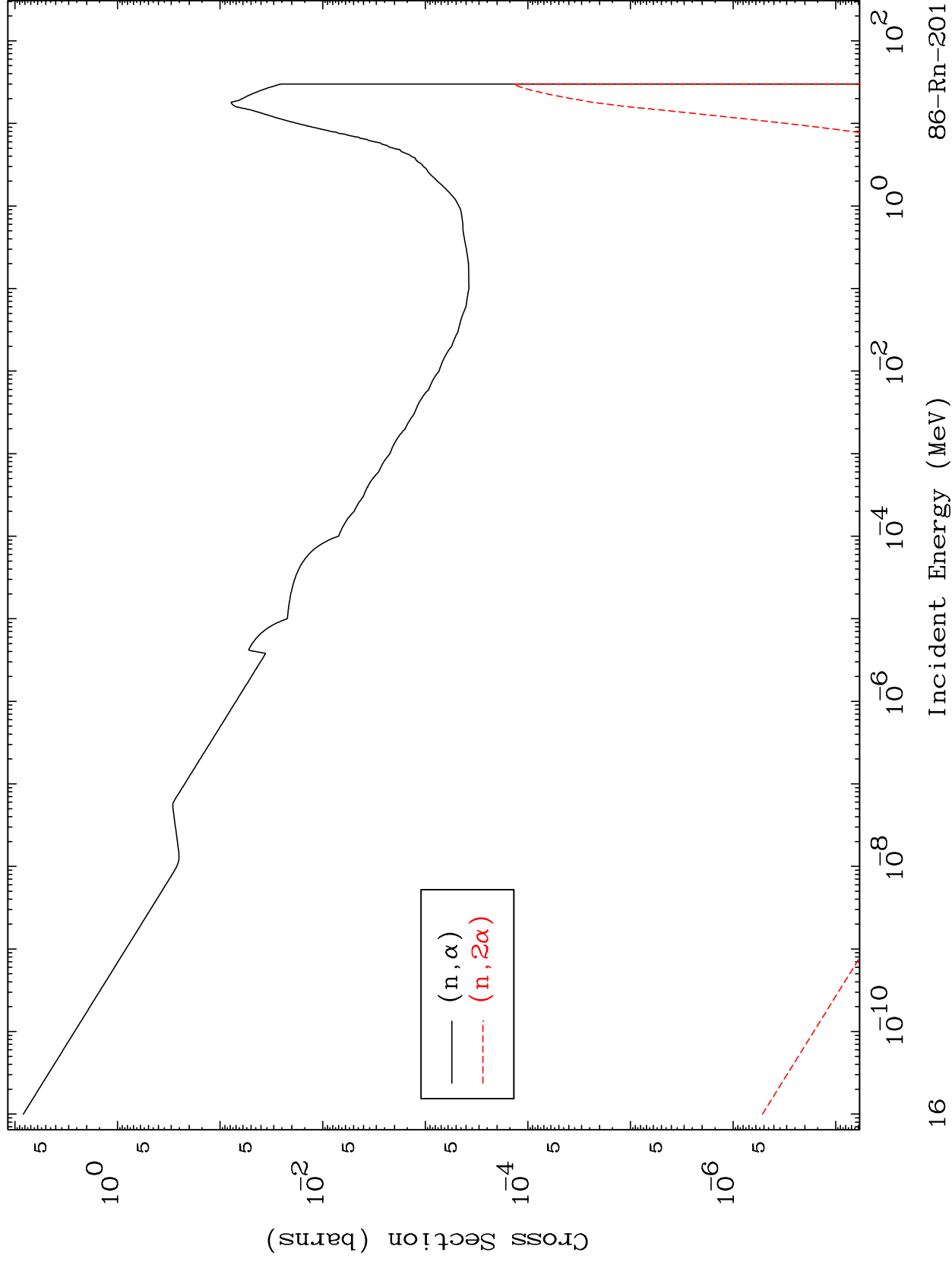
Incident Energy (MeV)

86-Rn-201

MAT 8595

(n, α) Levels
293 Kelvin Cross Sections

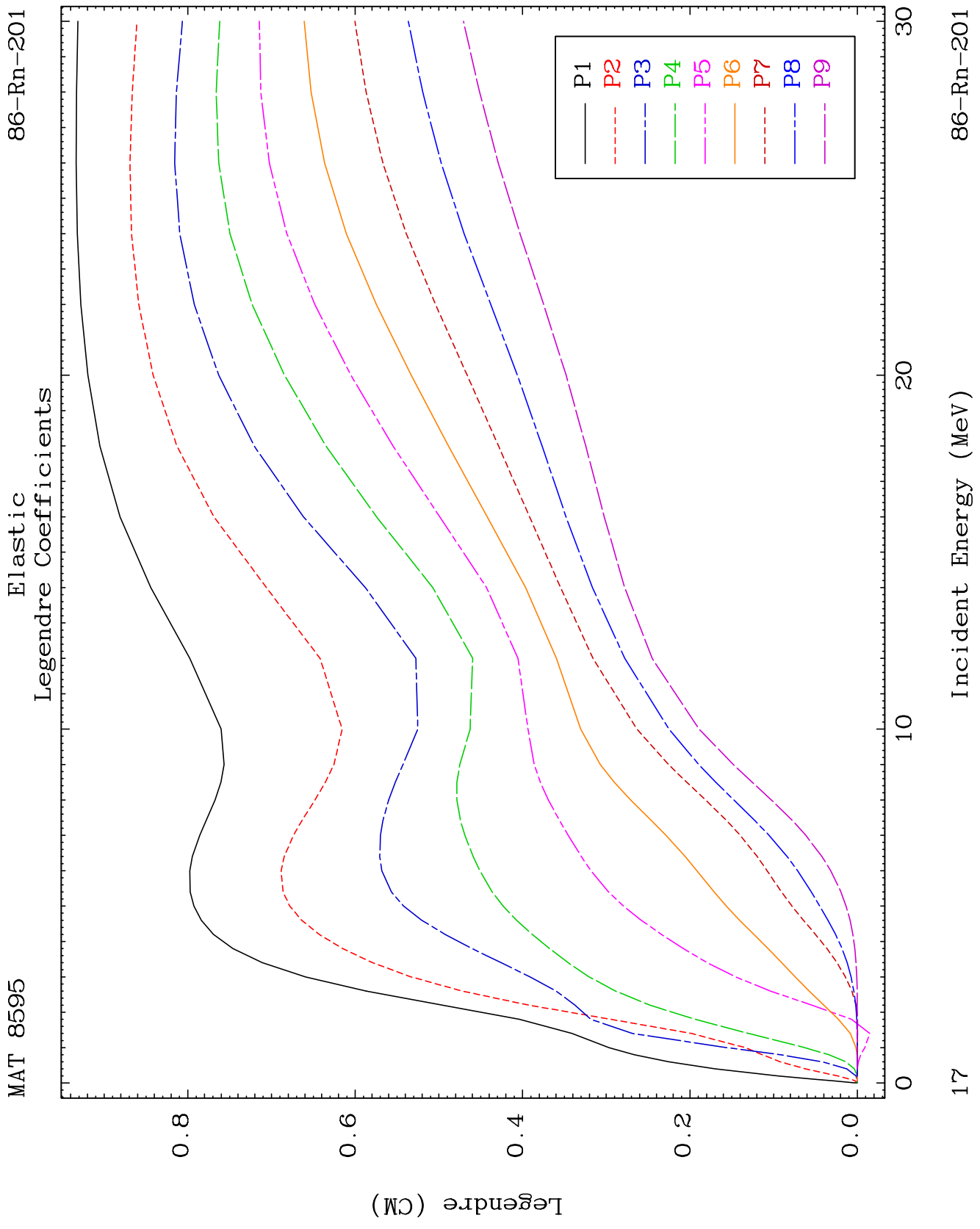
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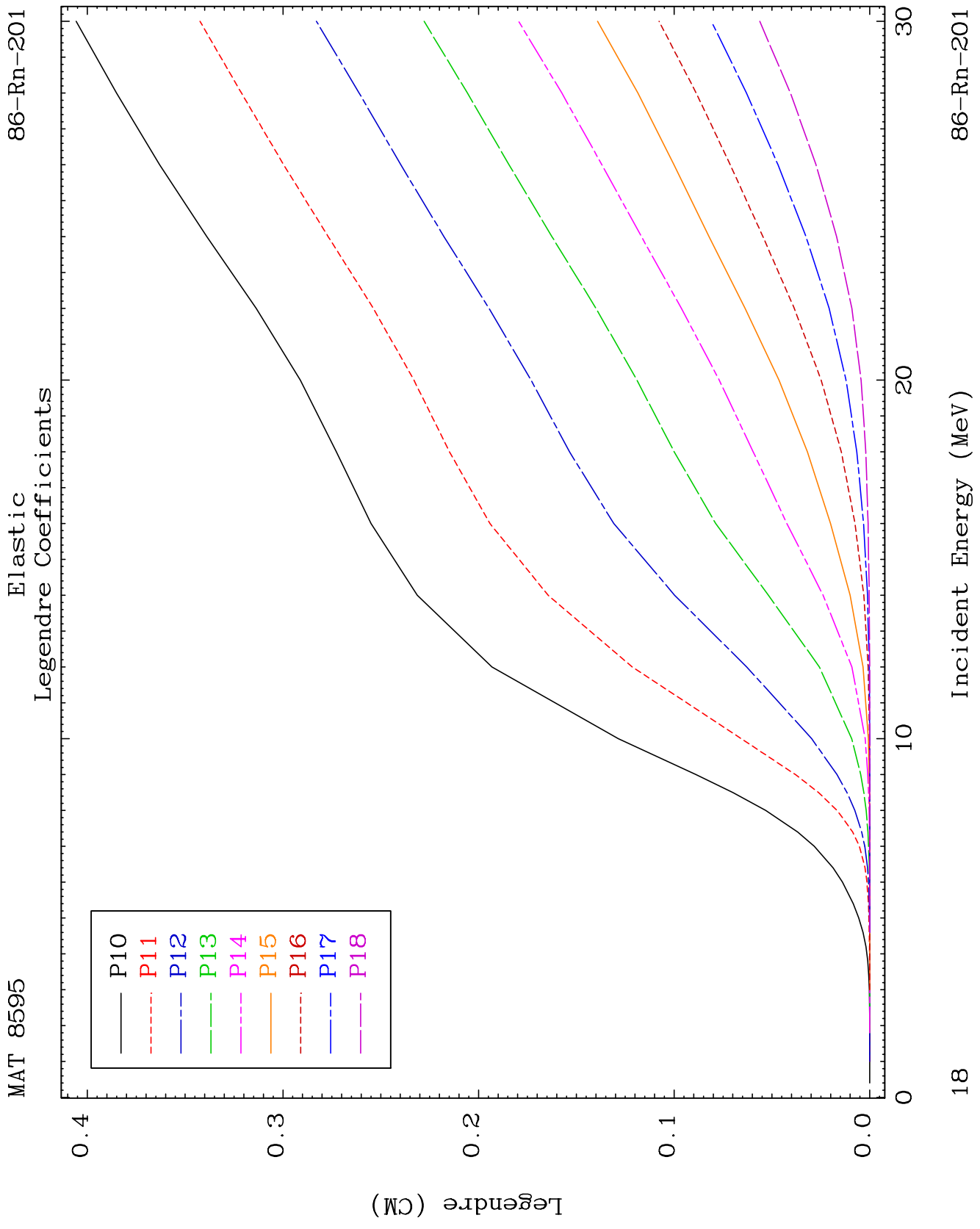


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Incident Energy (MeV)

86-Rn-201

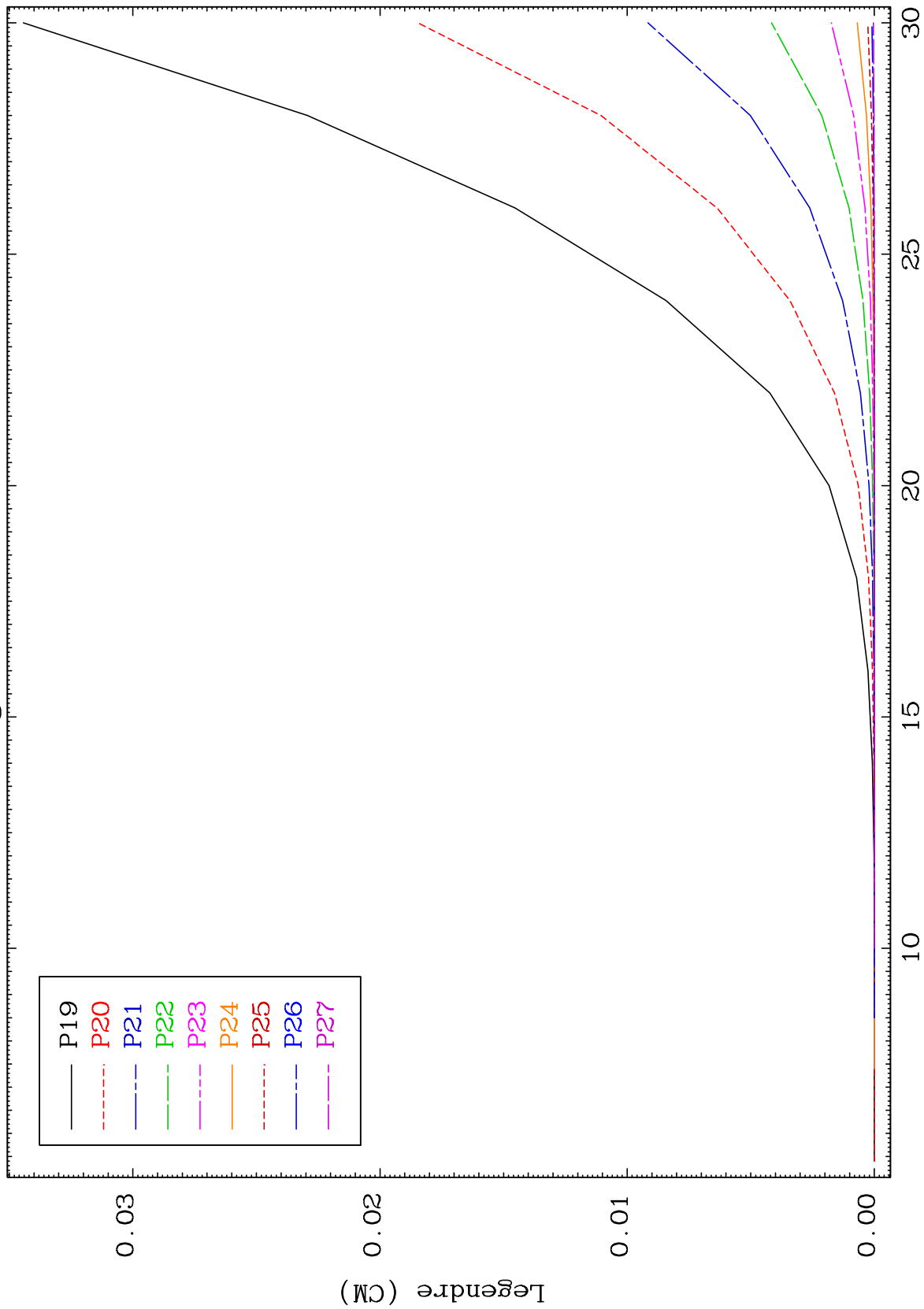




MAT 8595

Elastic Legendre Coefficients

86-Rn-201



19

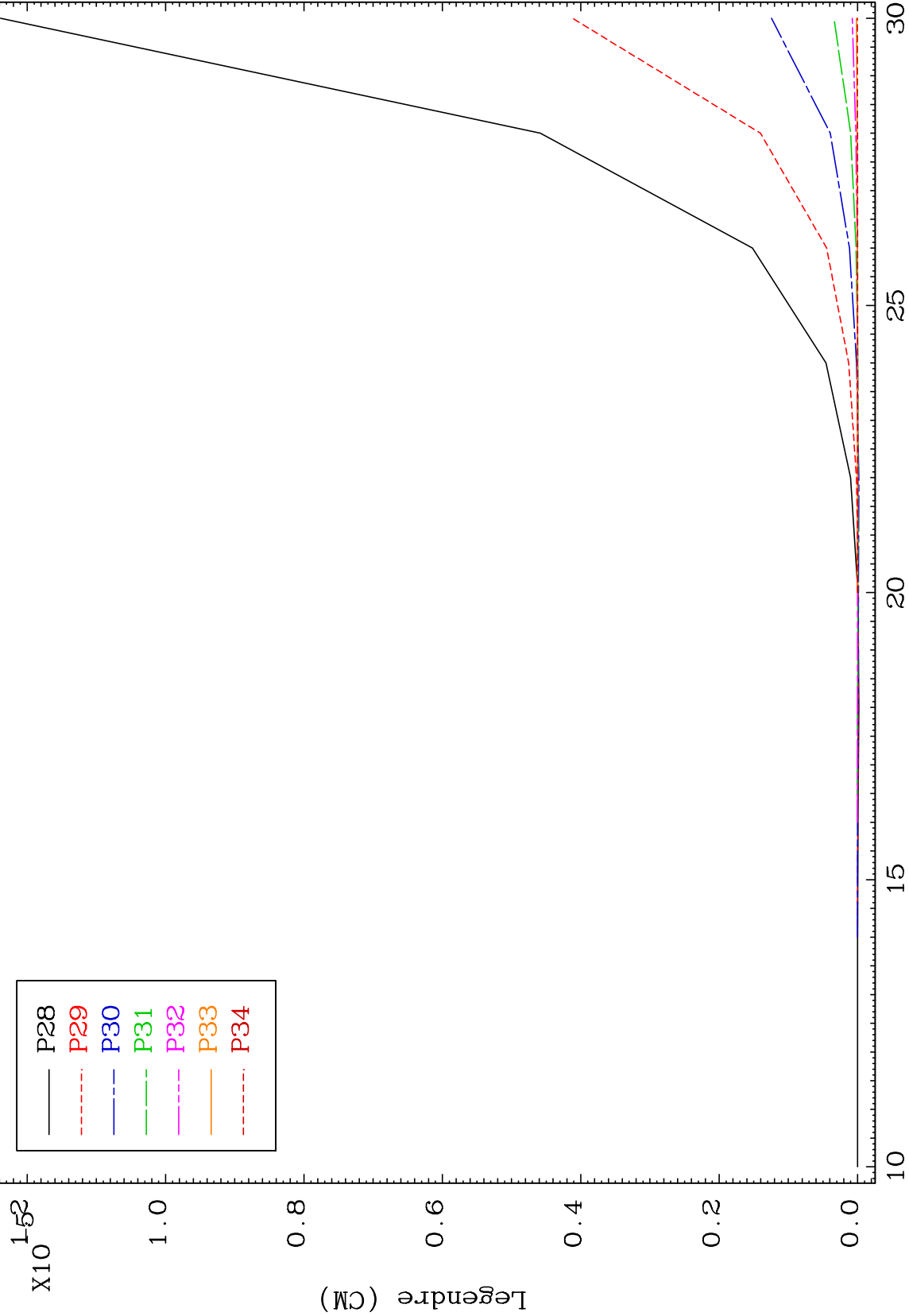
Incident Energy (MeV)

86-Rn-201

MAT 8595

Elastic Legendre Coefficients

86-Rn-201



86-Rn-201

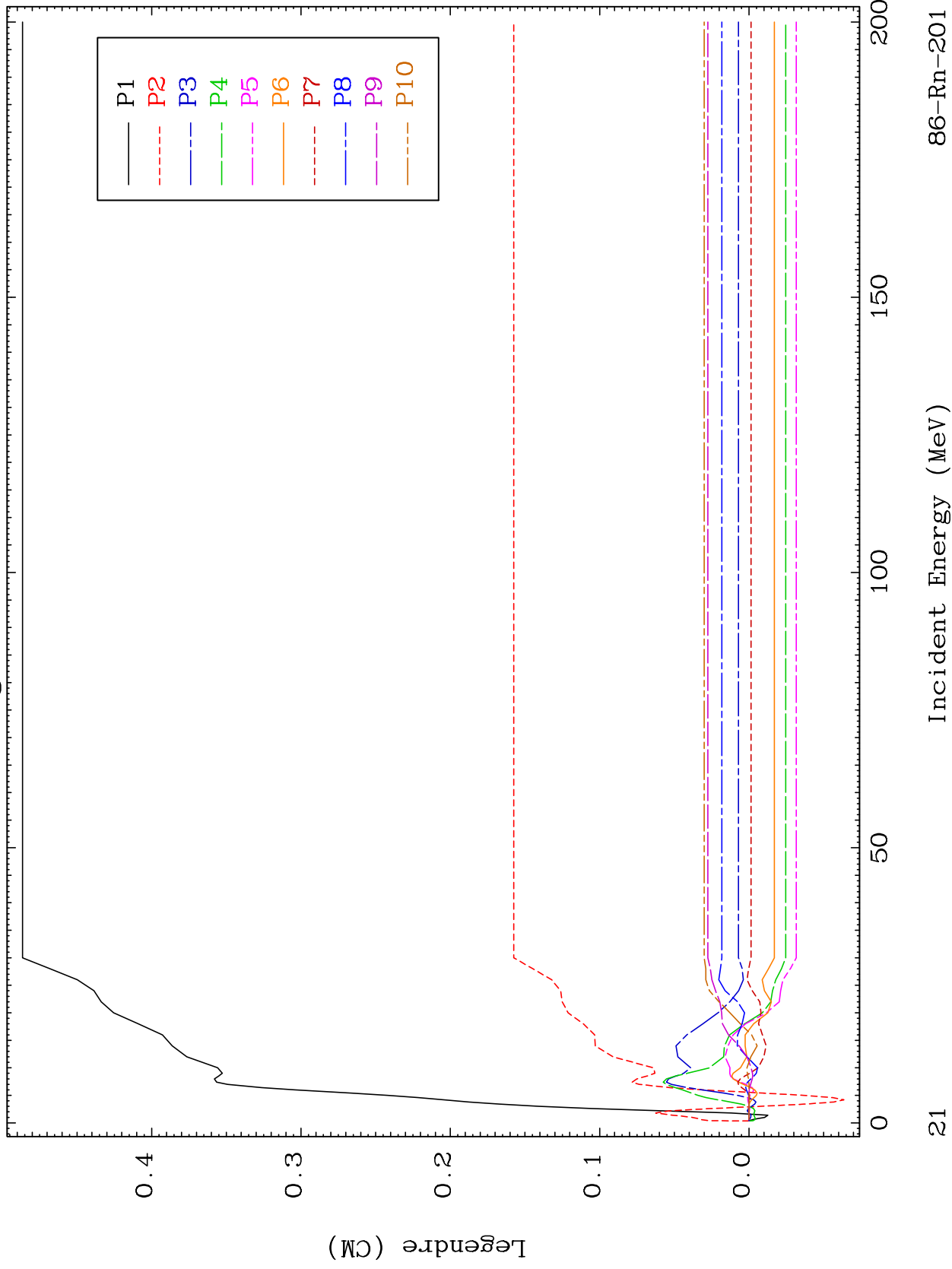
Incident Energy (MeV)

20

MAT 8595

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

86-Rn-201



21

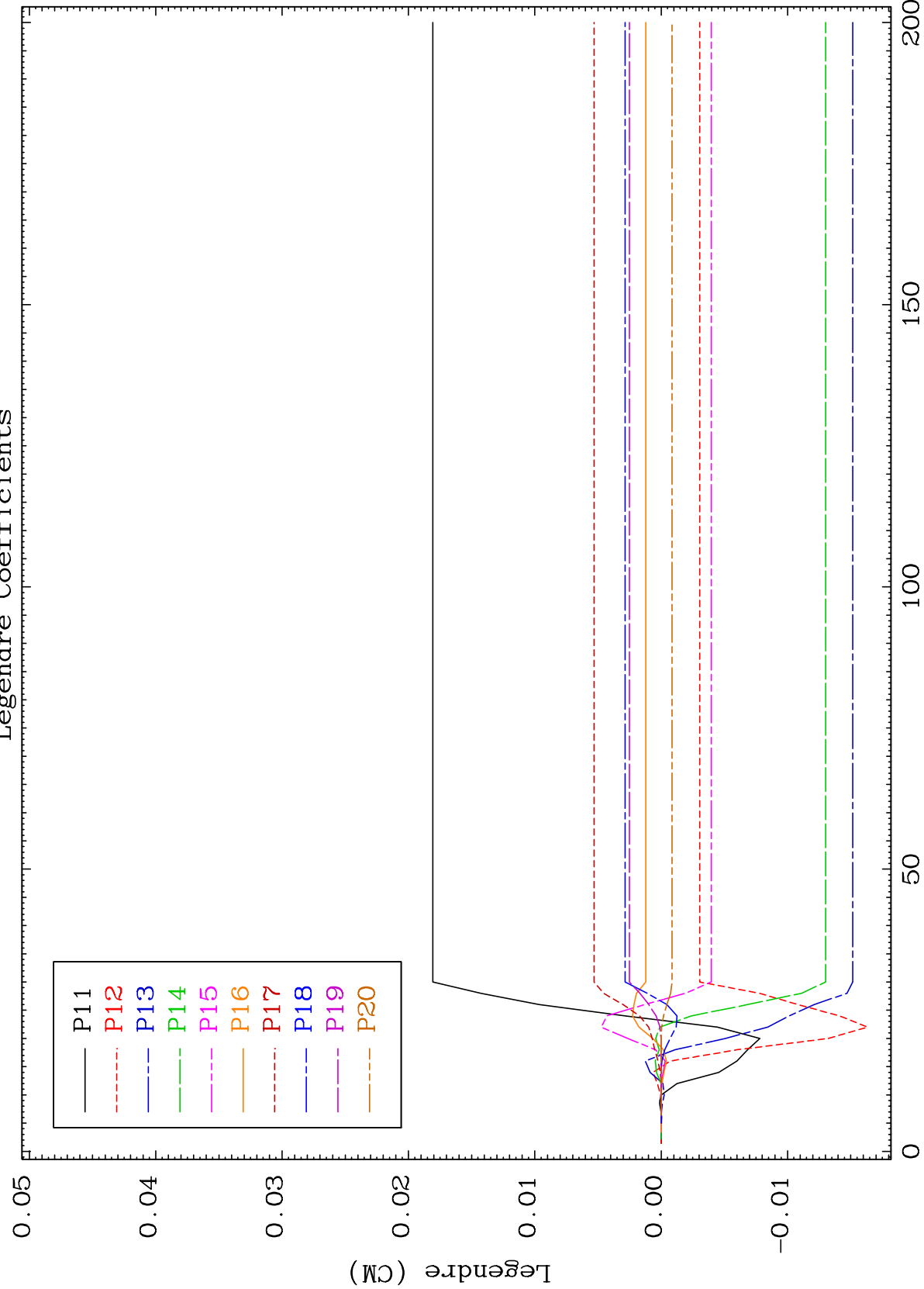
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



22

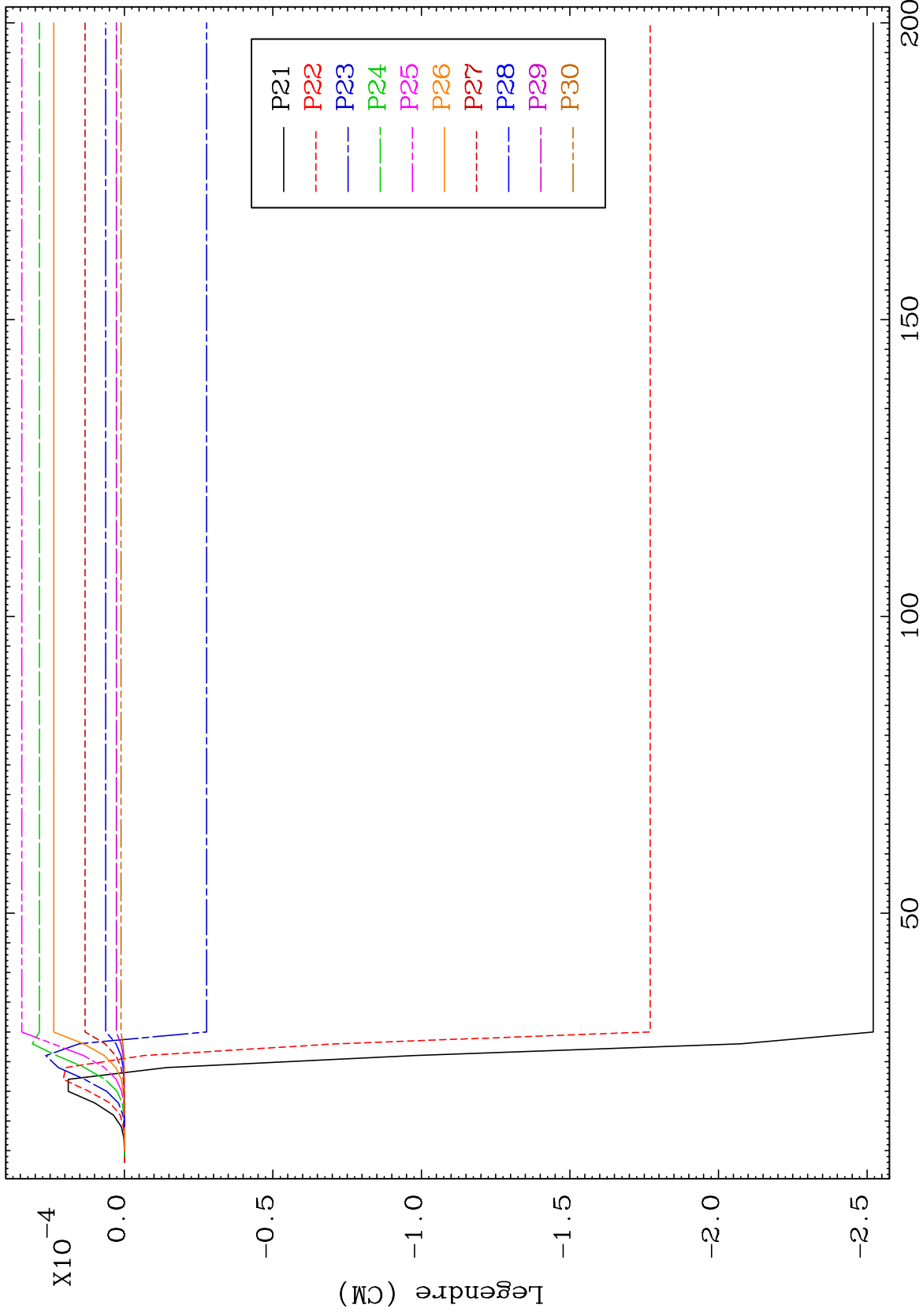
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

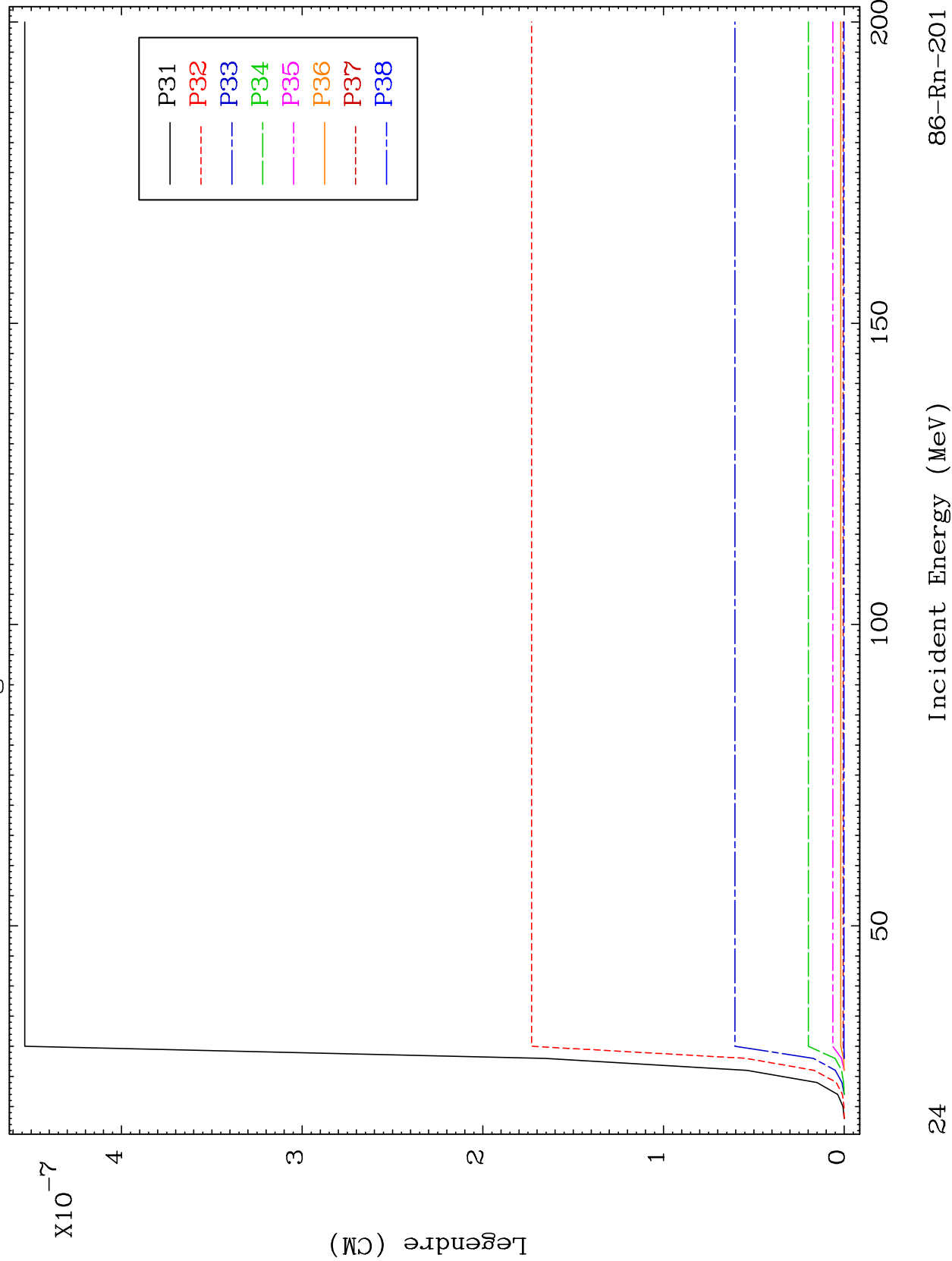
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MAT 8595

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

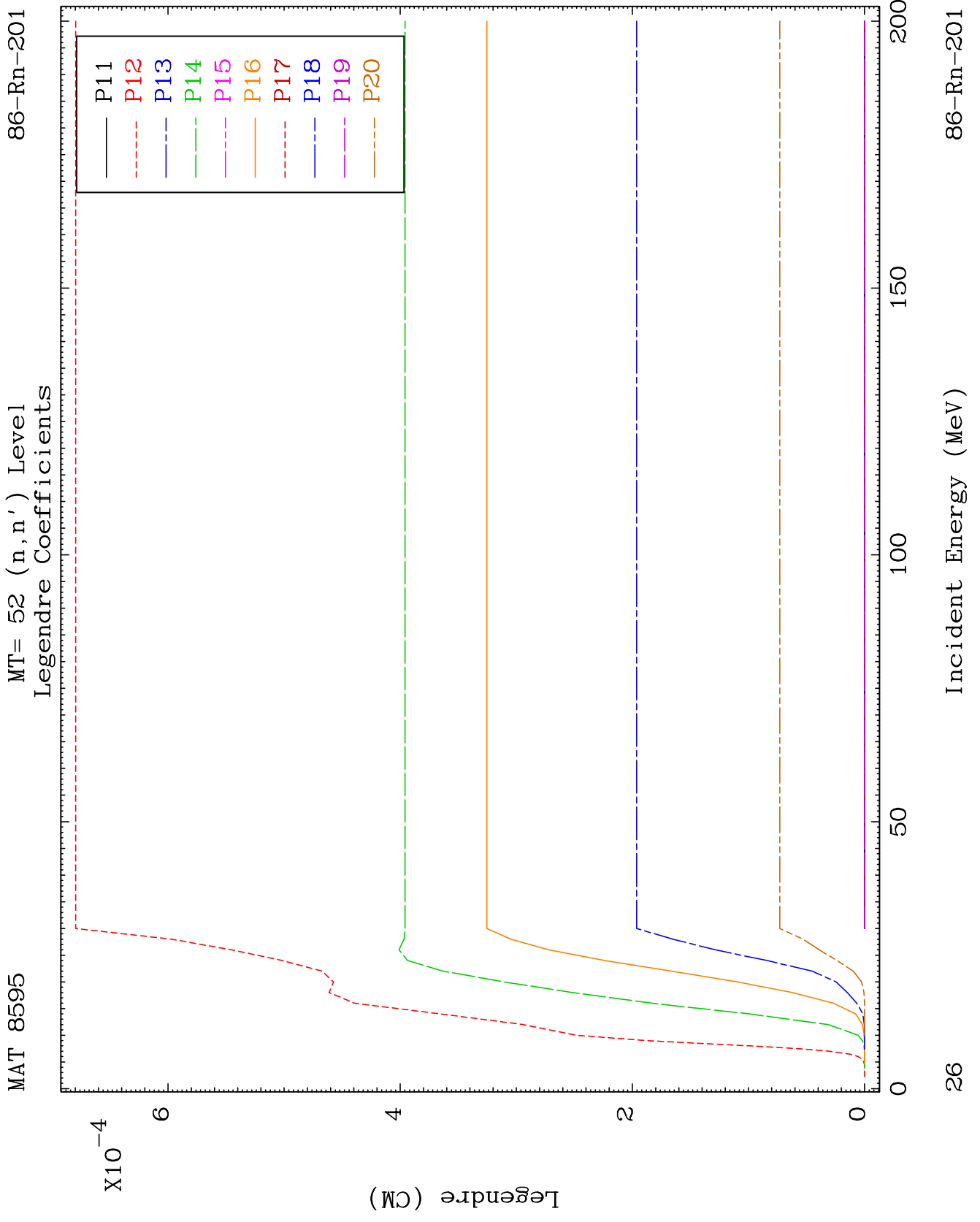
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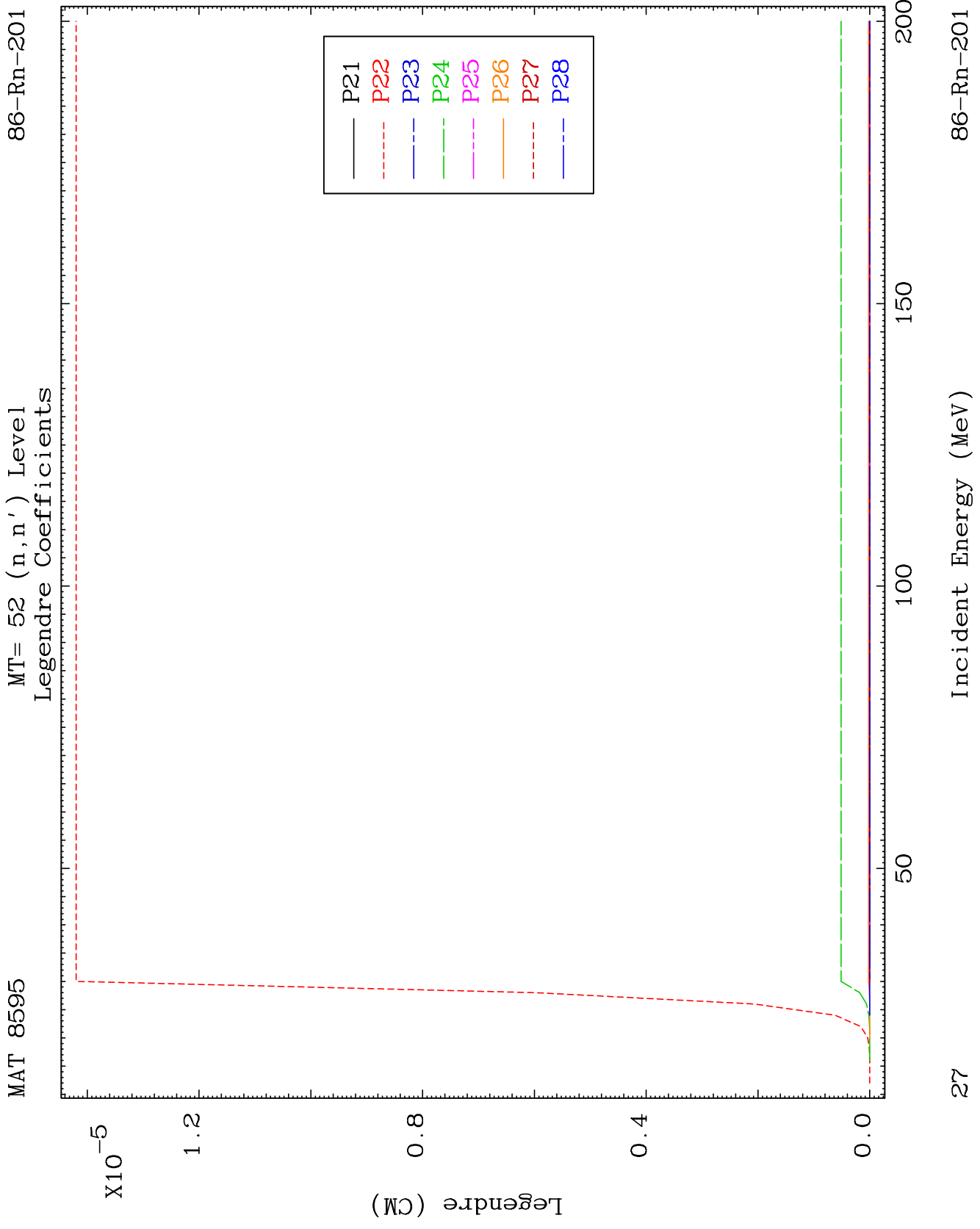


24

Incident Energy (MeV)

86-Rn-201

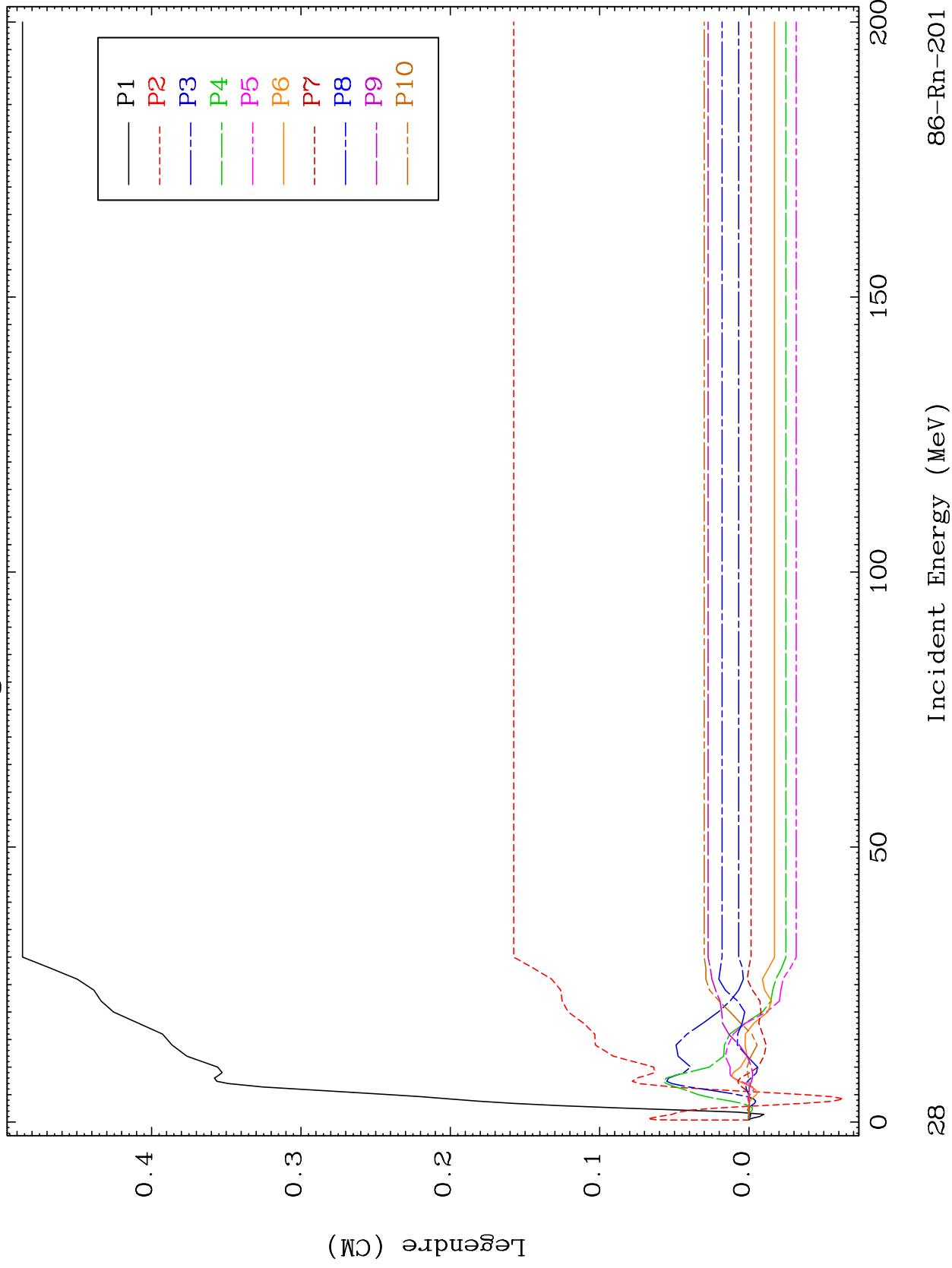




MAT 8595

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

86-Rn-201



28

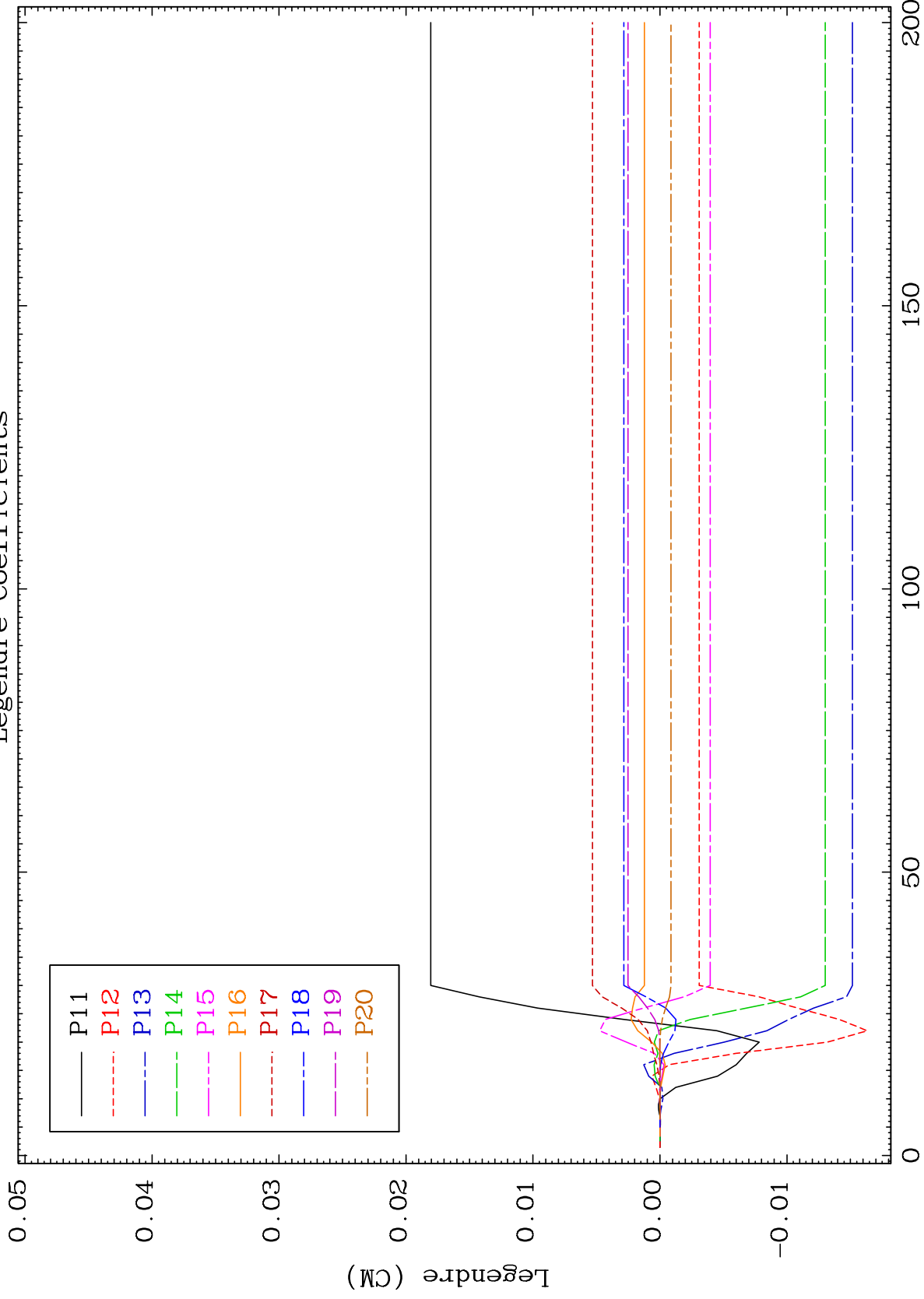
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



29

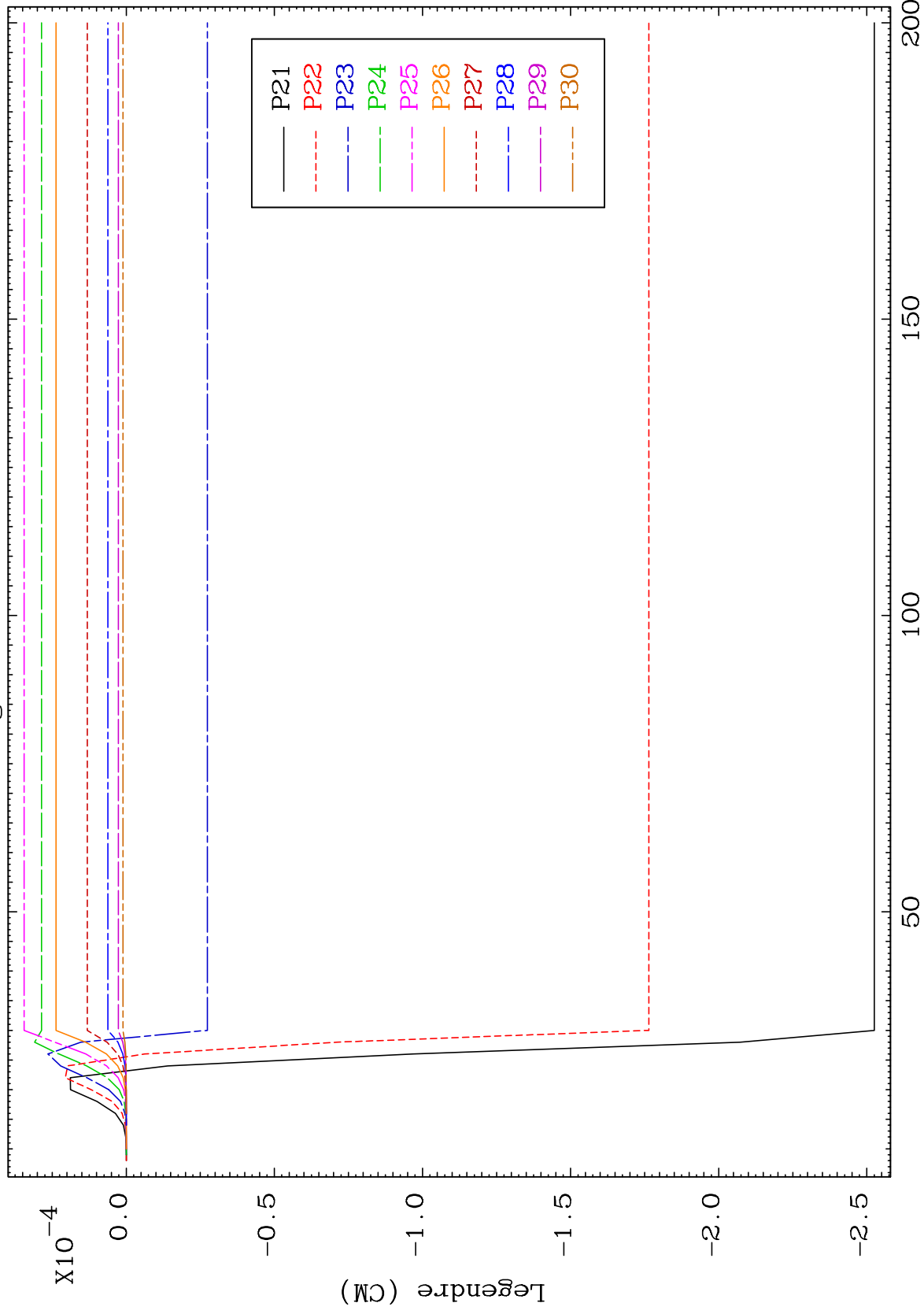
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



30

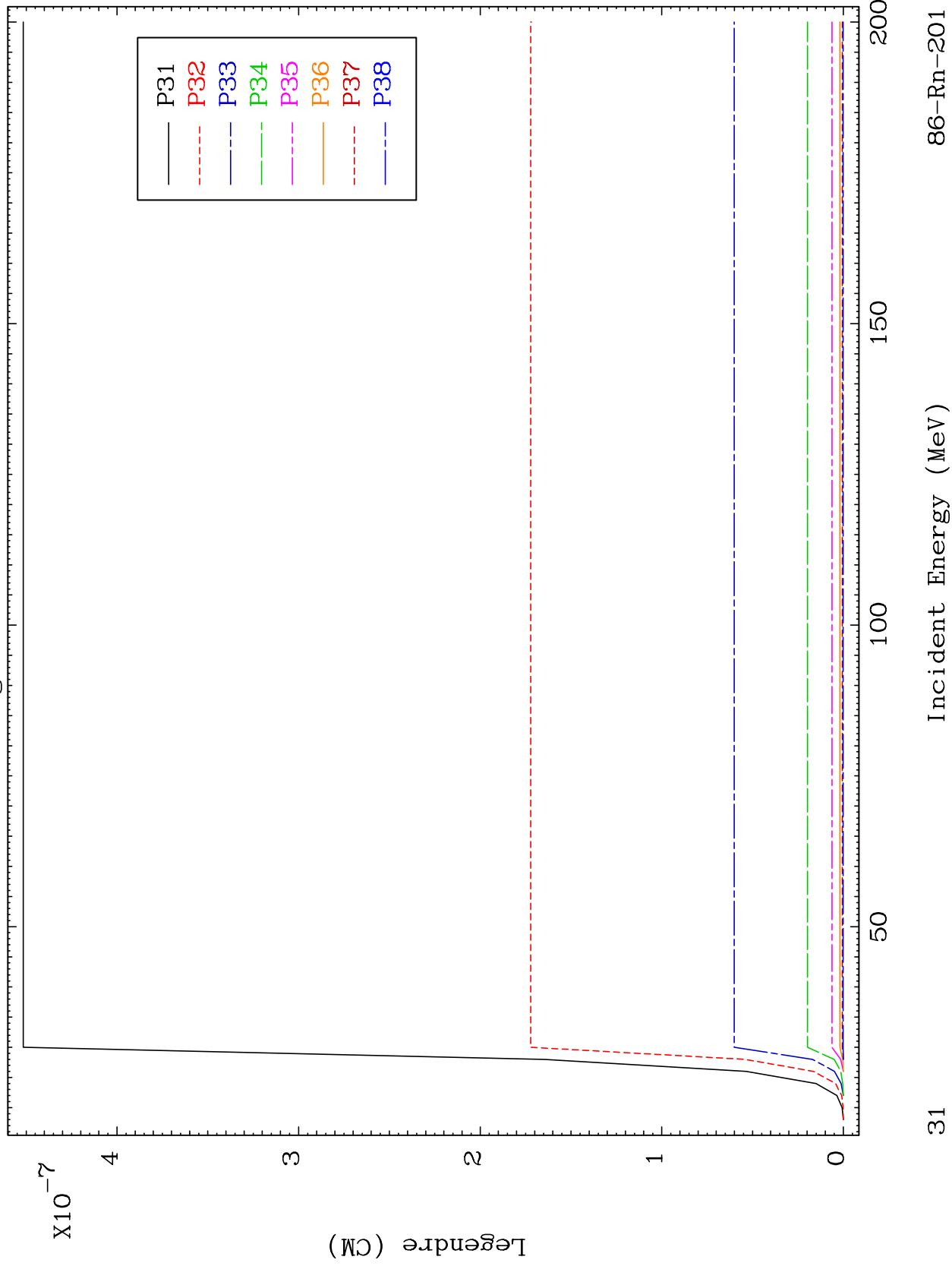
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

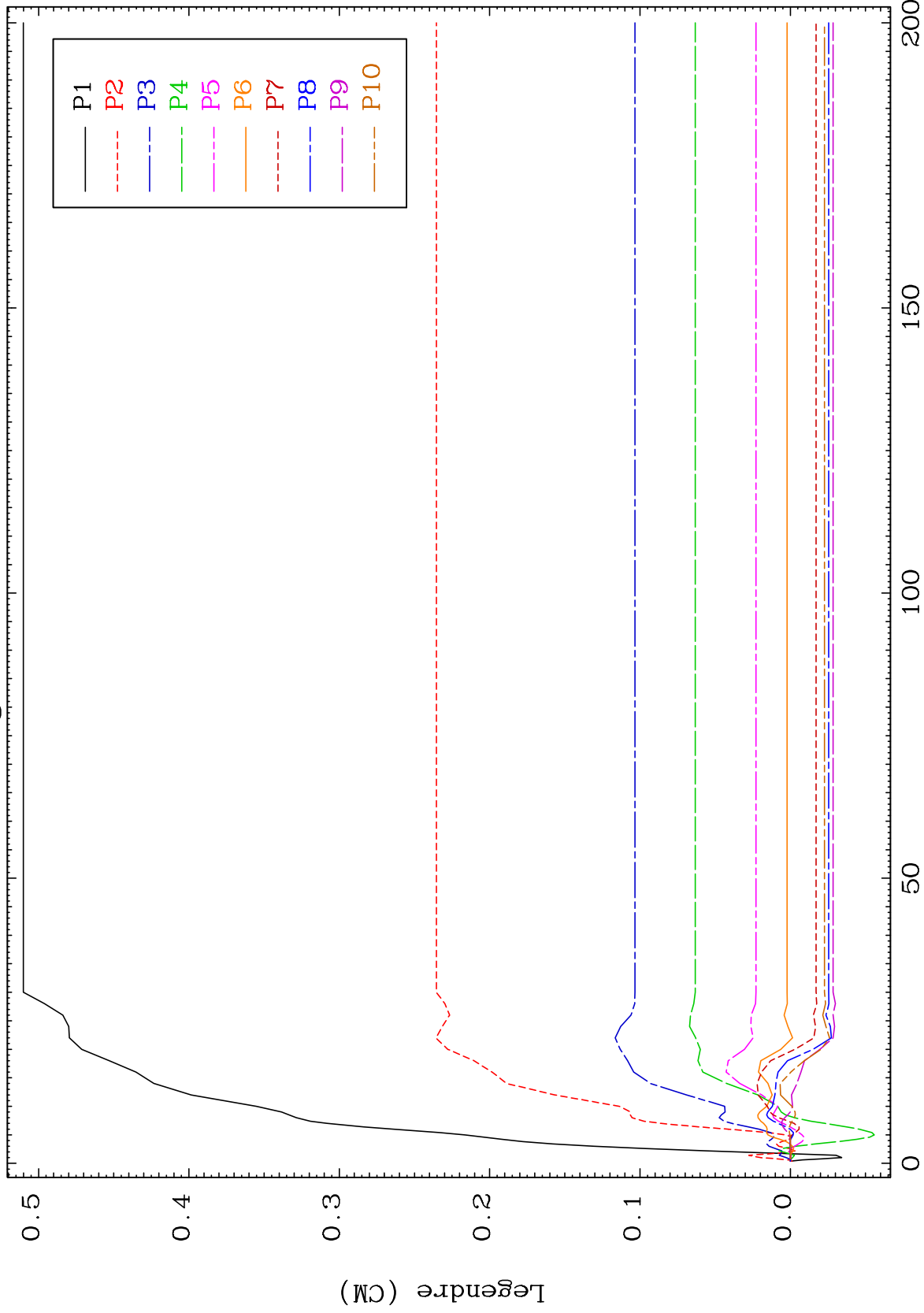
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MAT 8595

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

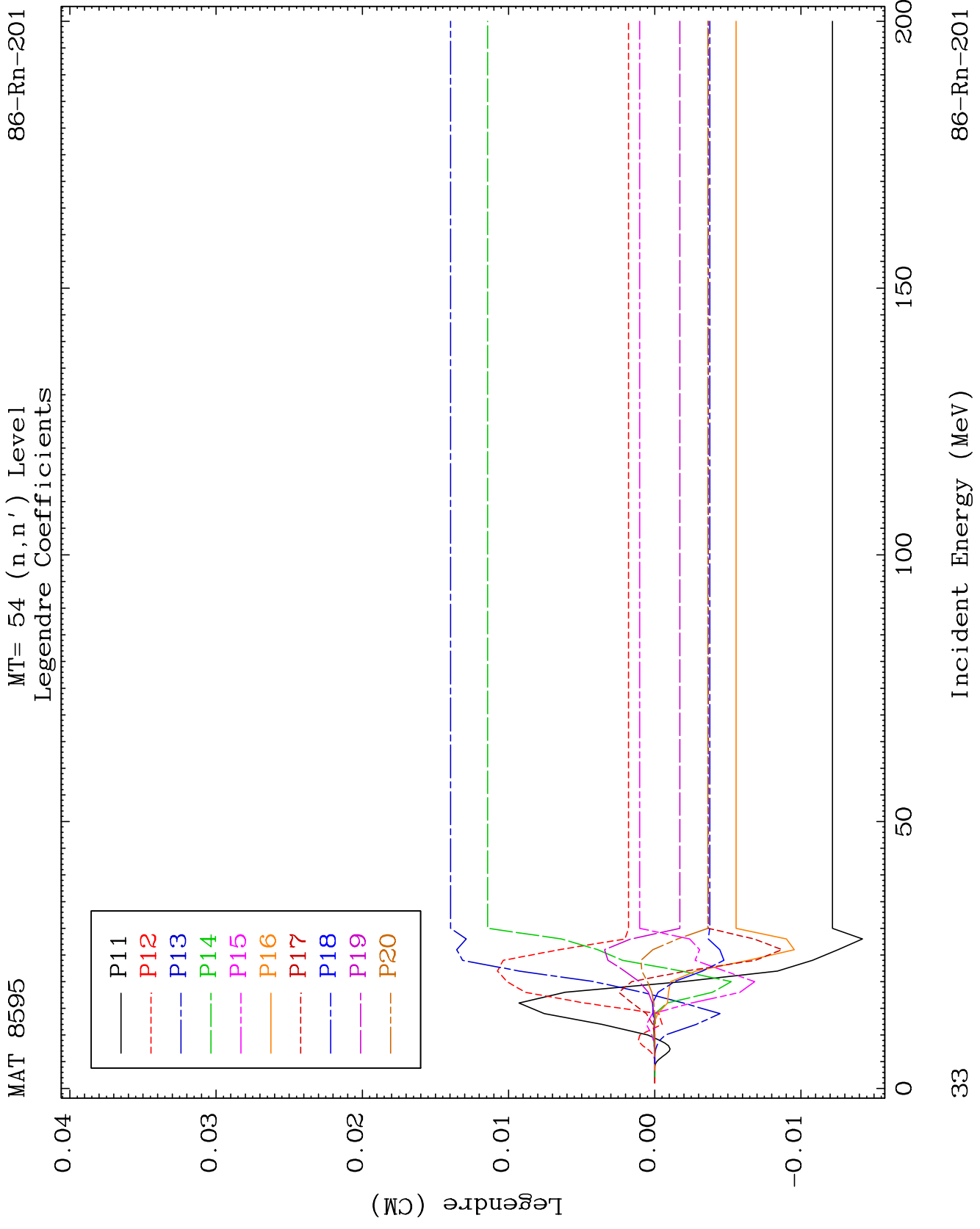
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32

Incident Energy (MeV)

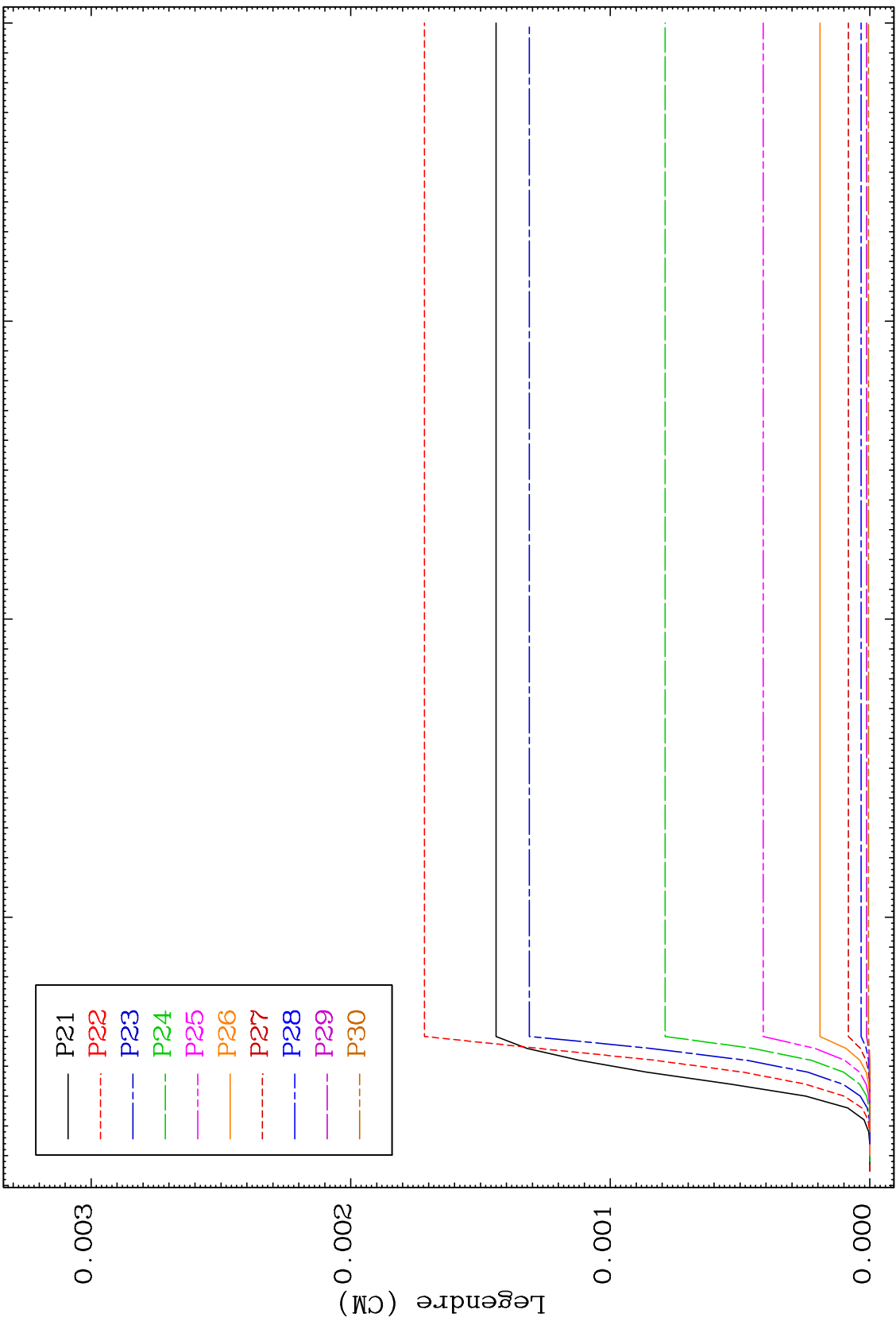
86-Rn-201



MAT 8595

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

86-Rn-201



34

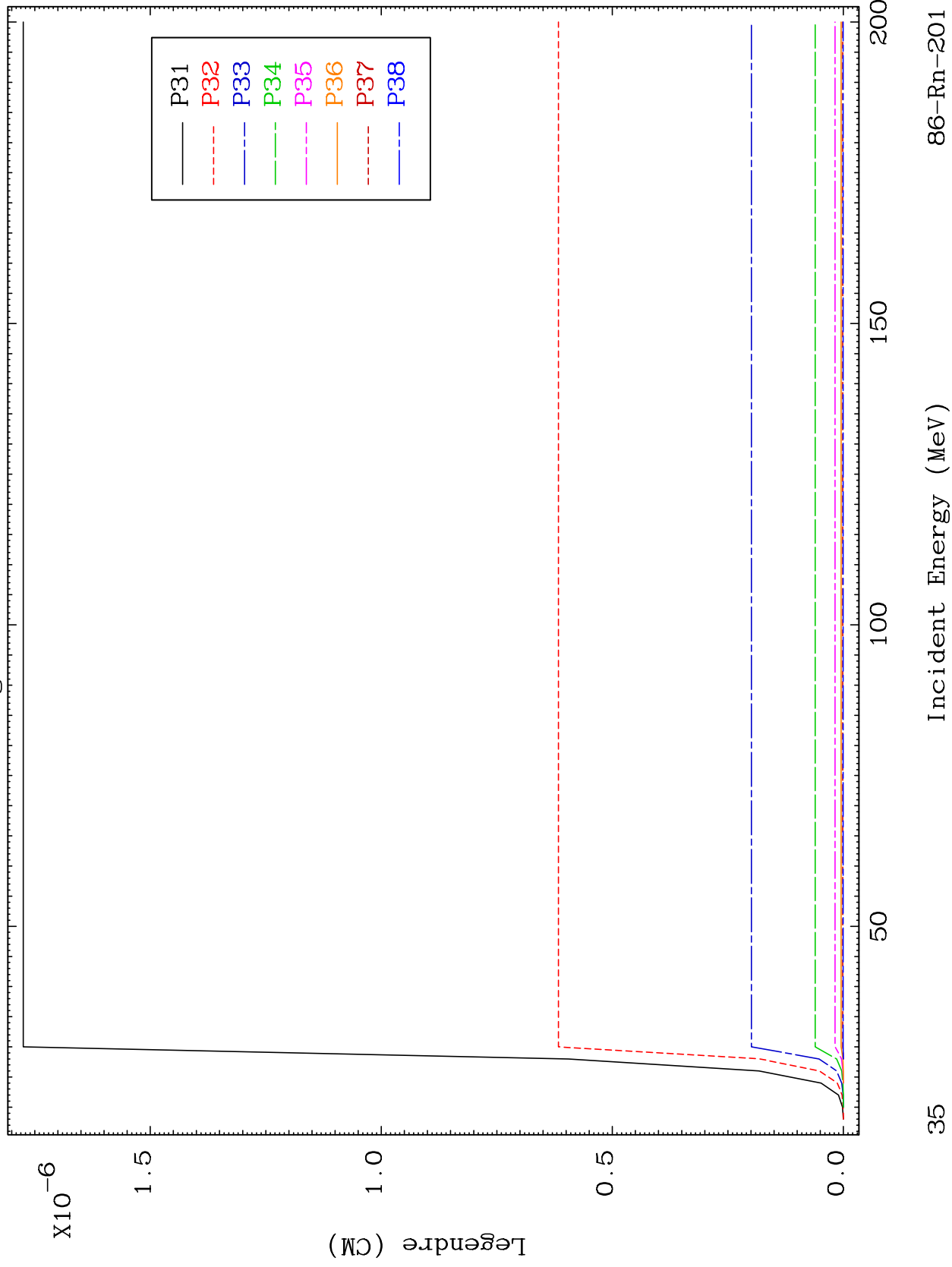
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

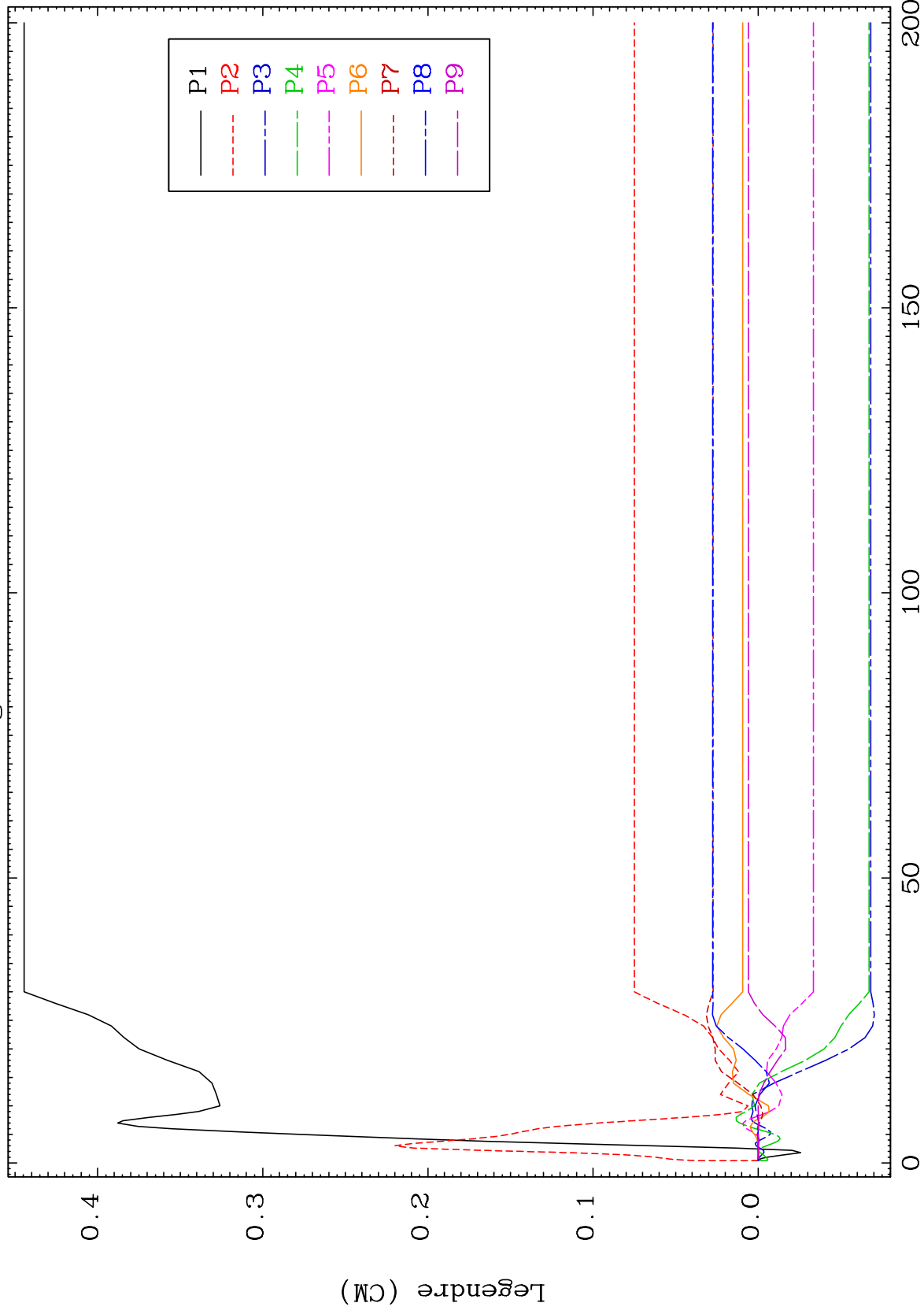
86-Rn-201



MAT 8595

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

86-Rn-201



36

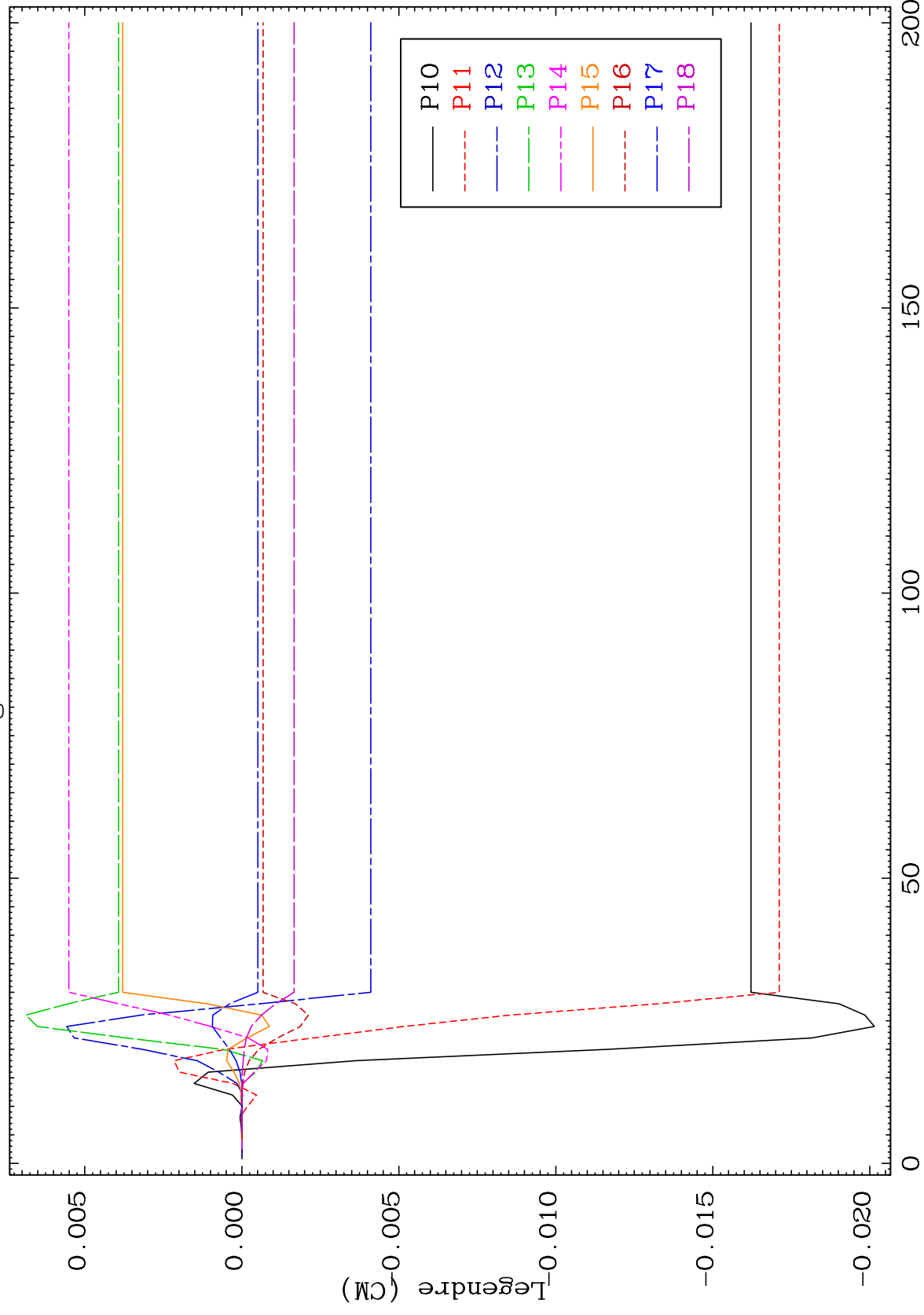
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



37

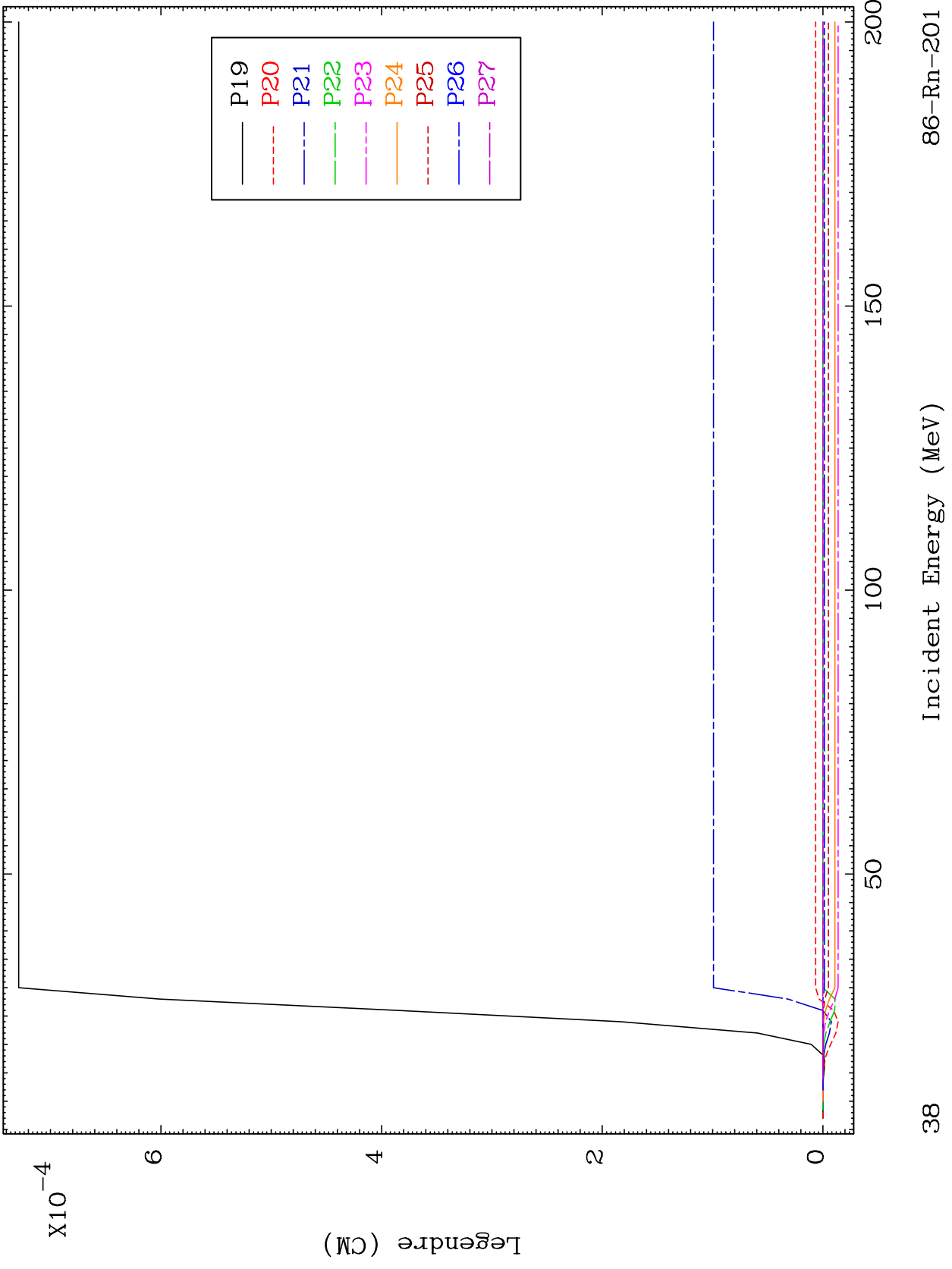
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



38

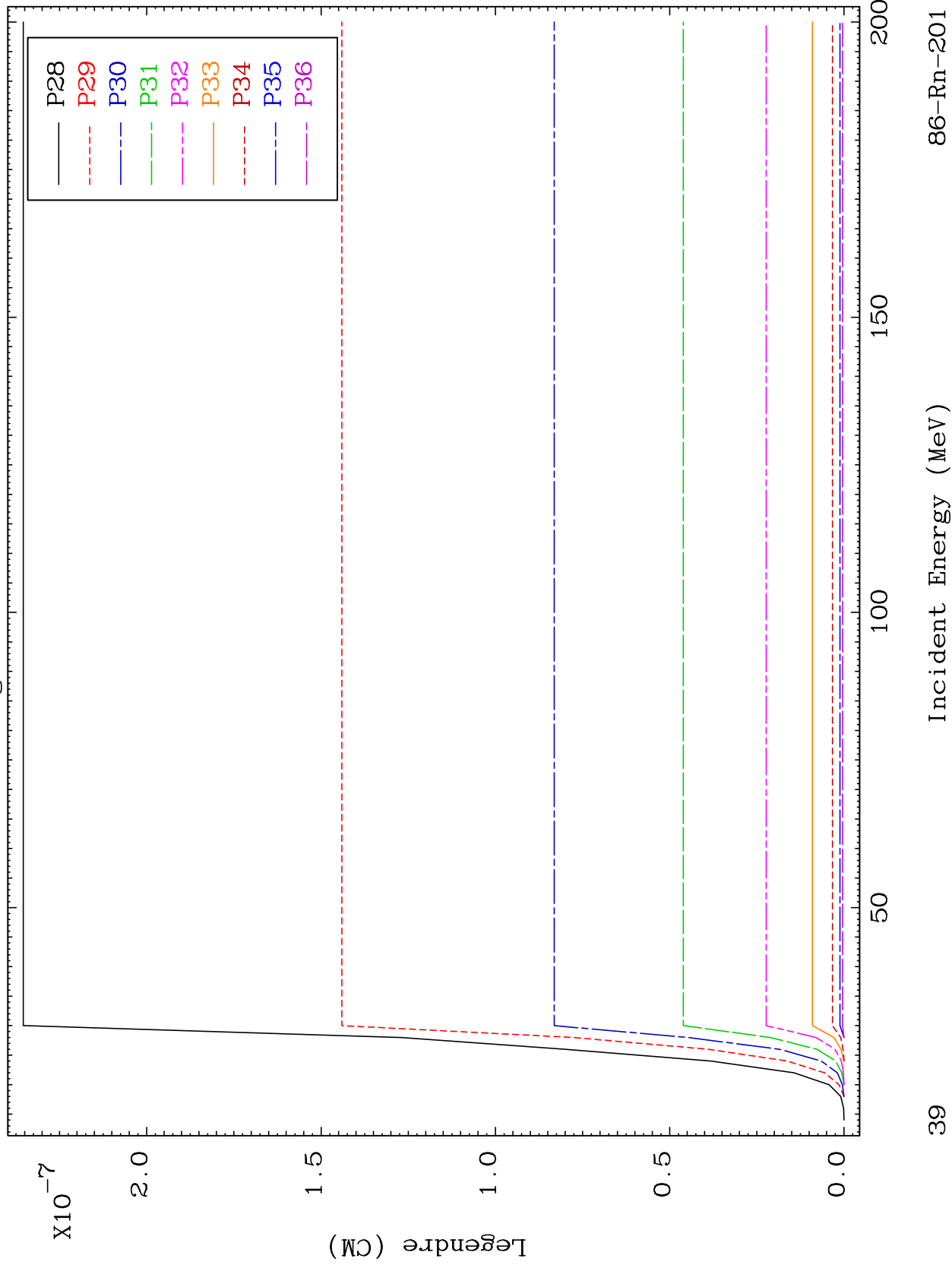
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201

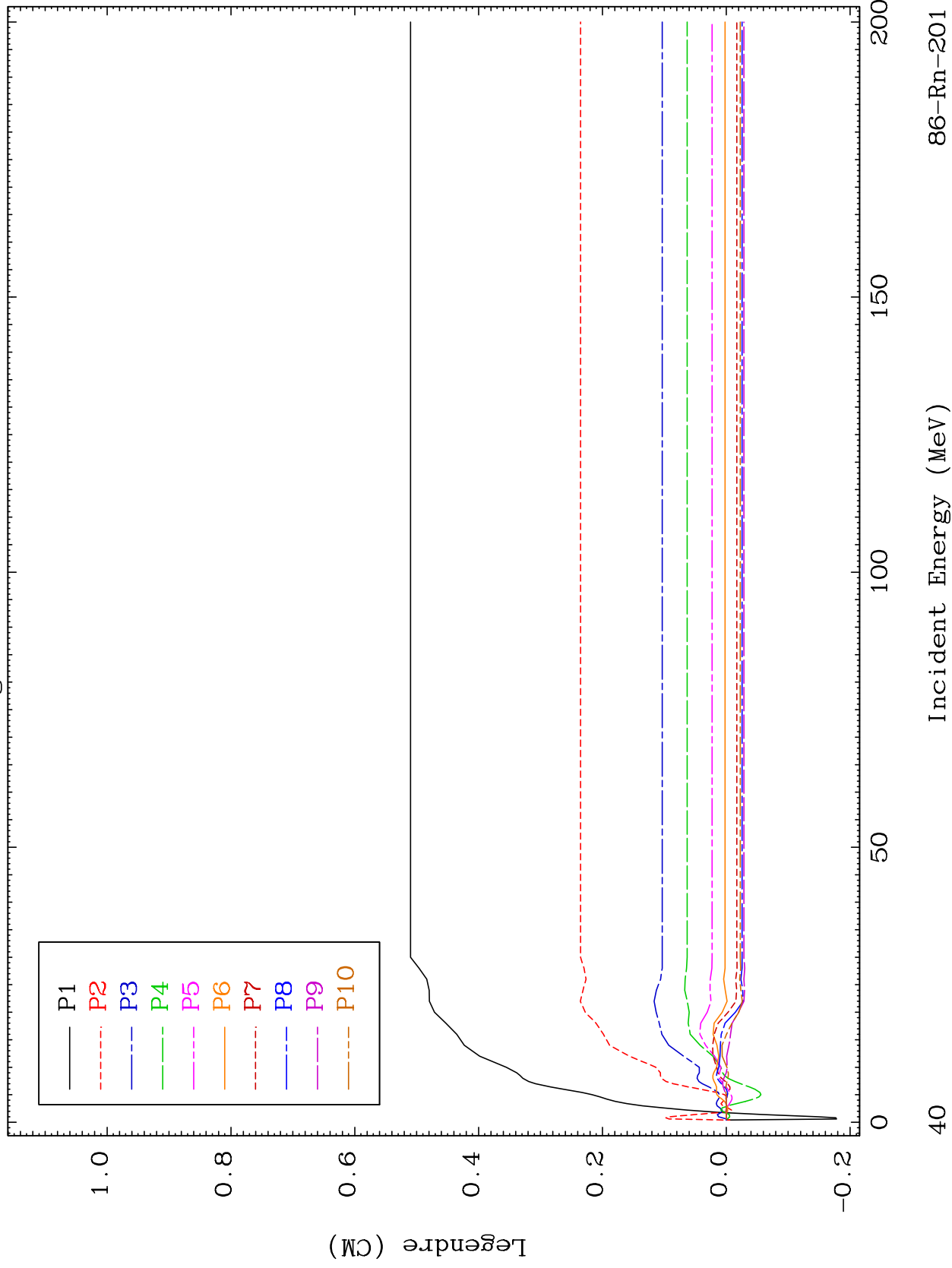


39

MAT 8595

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

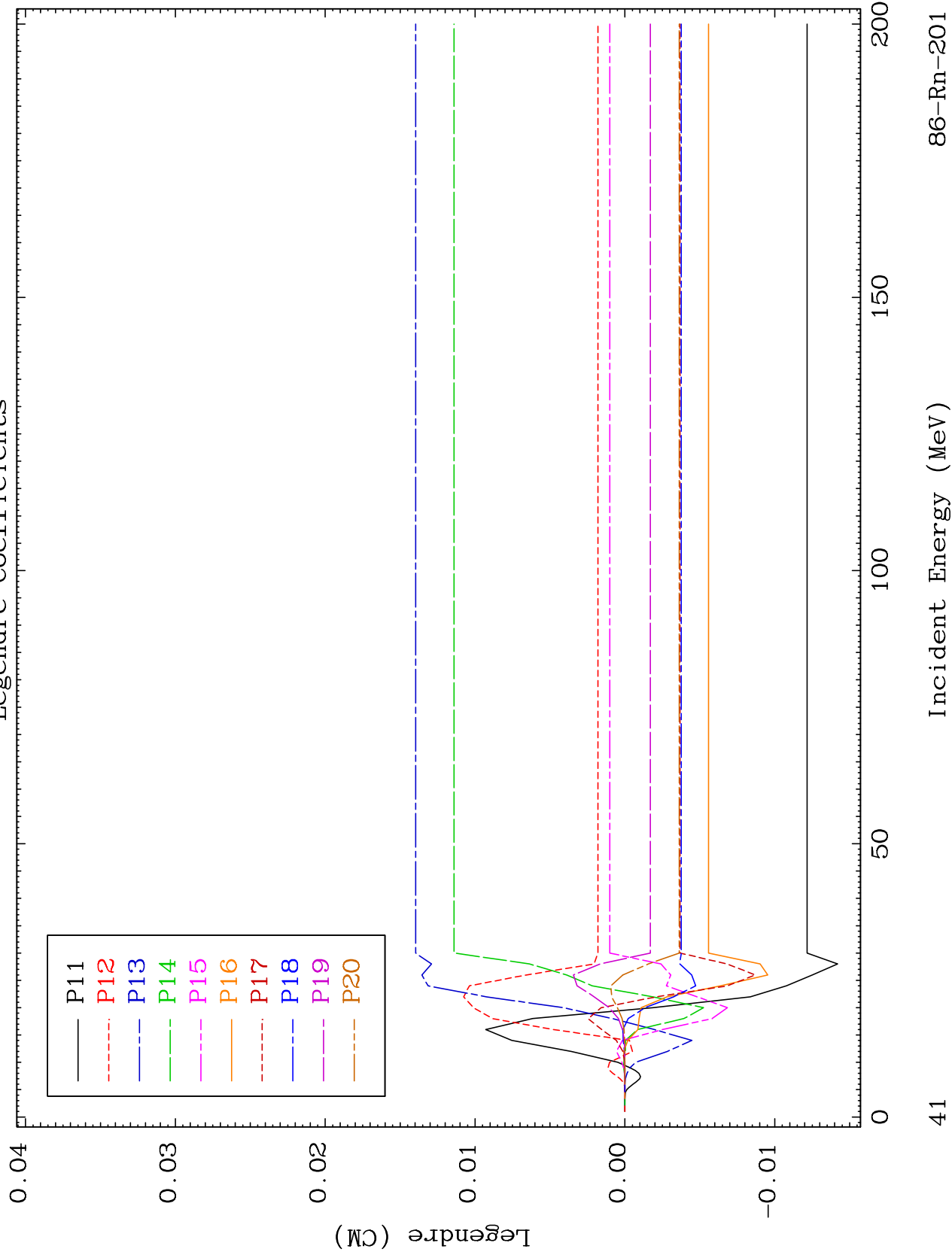
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MAT 8595

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

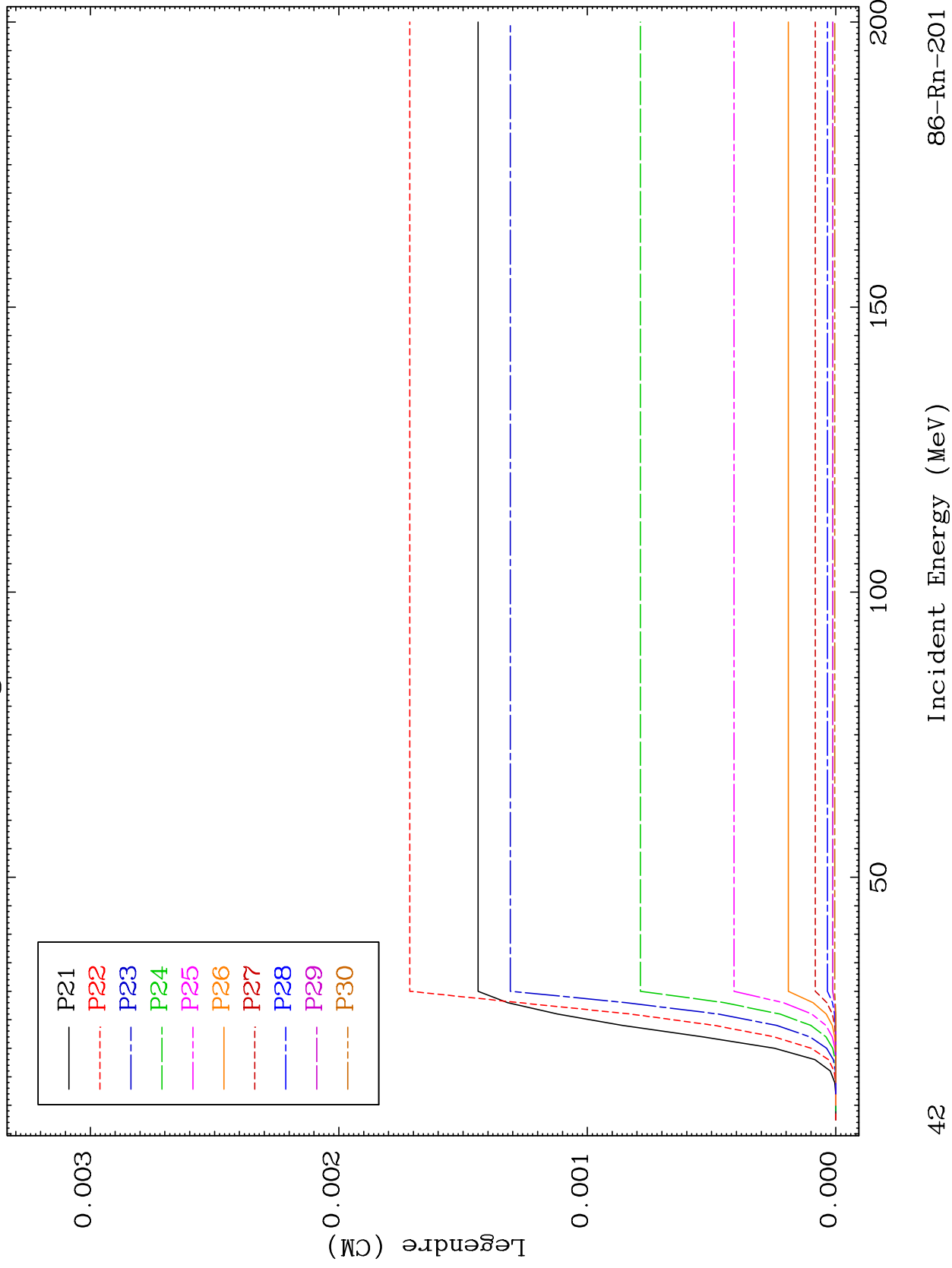
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MAT 8595

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

86-Rn-201

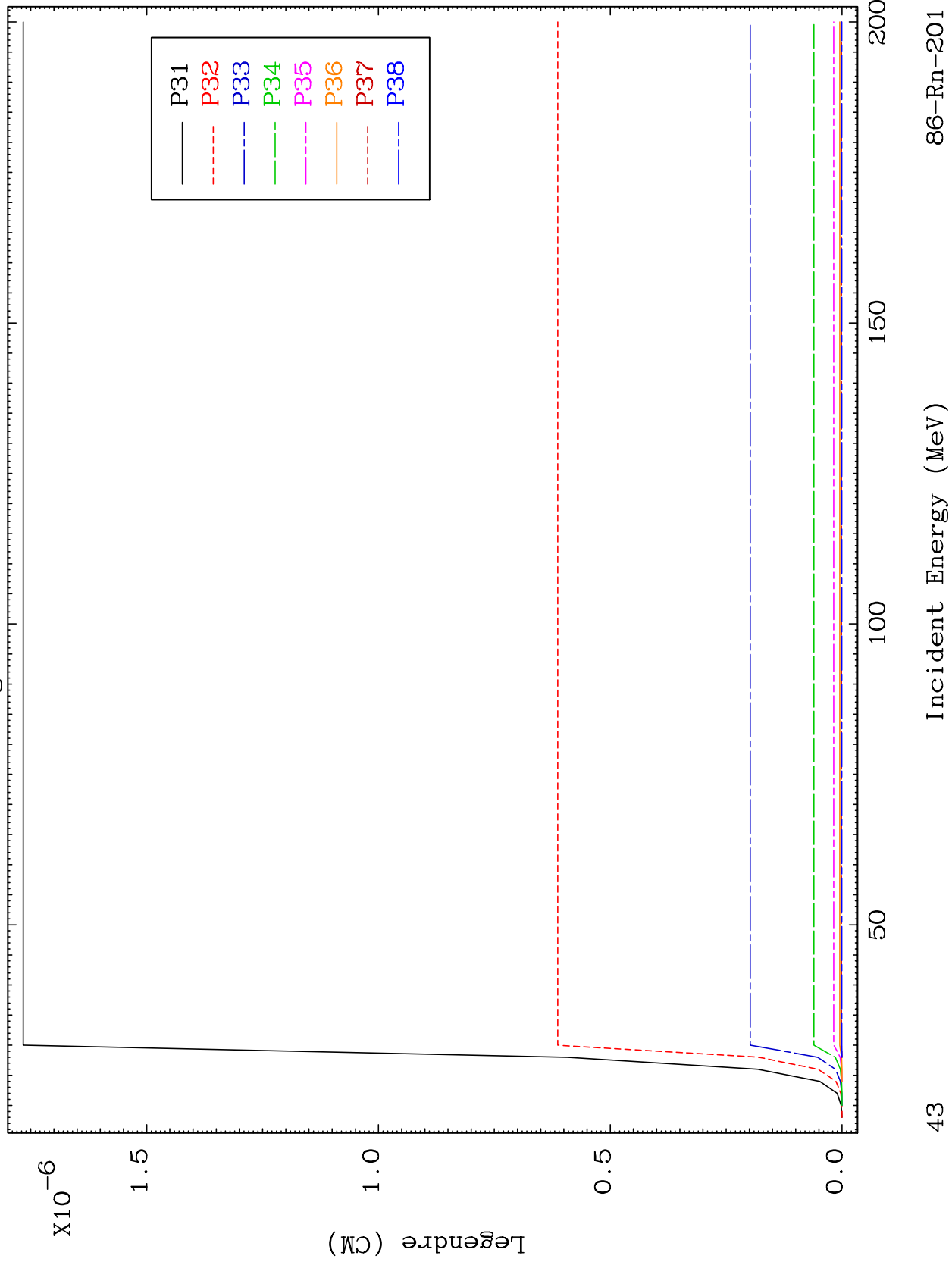


42

MAT 8595

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

86-Rn-201



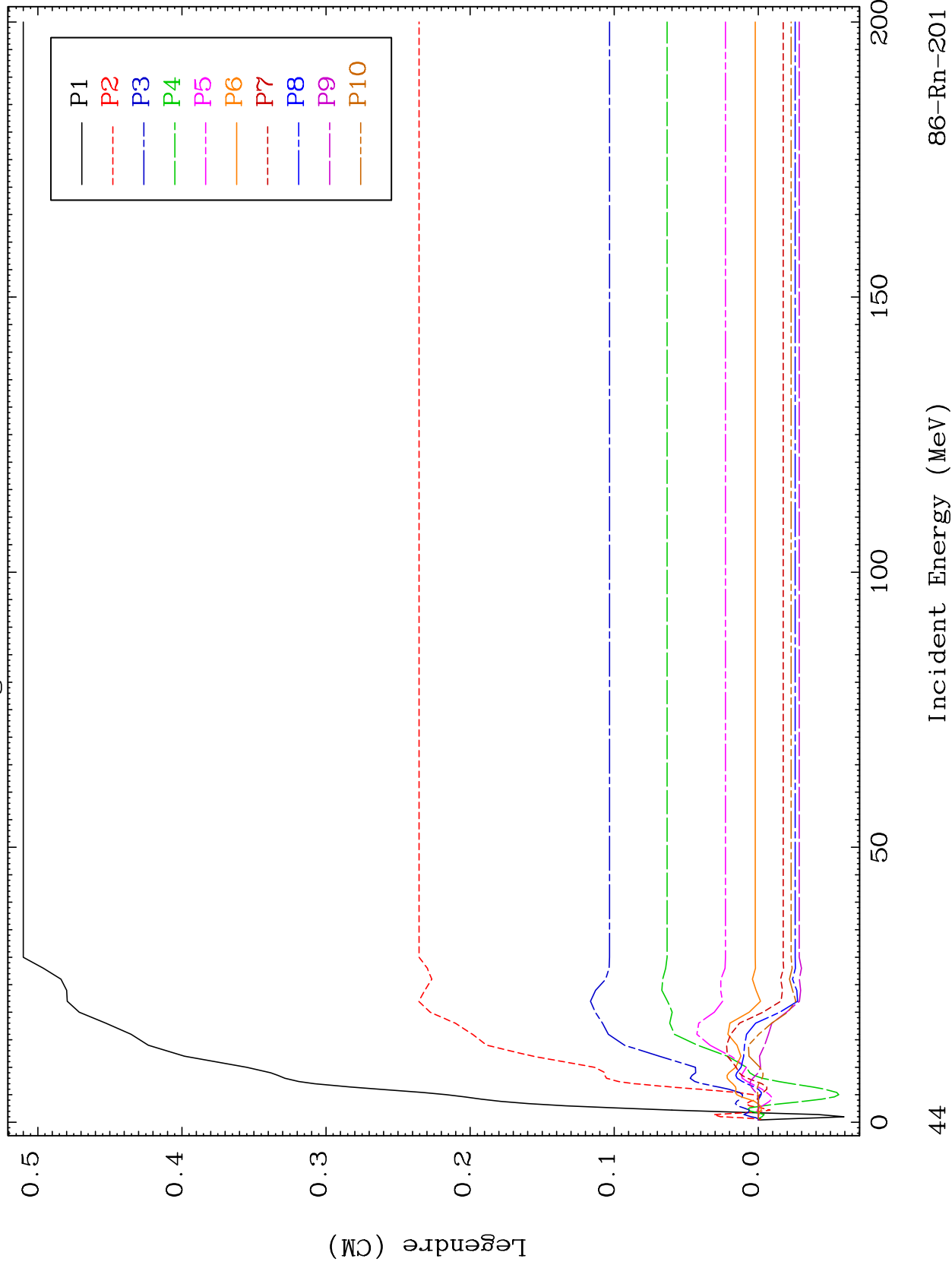
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86-Rn-201

MAT 8595

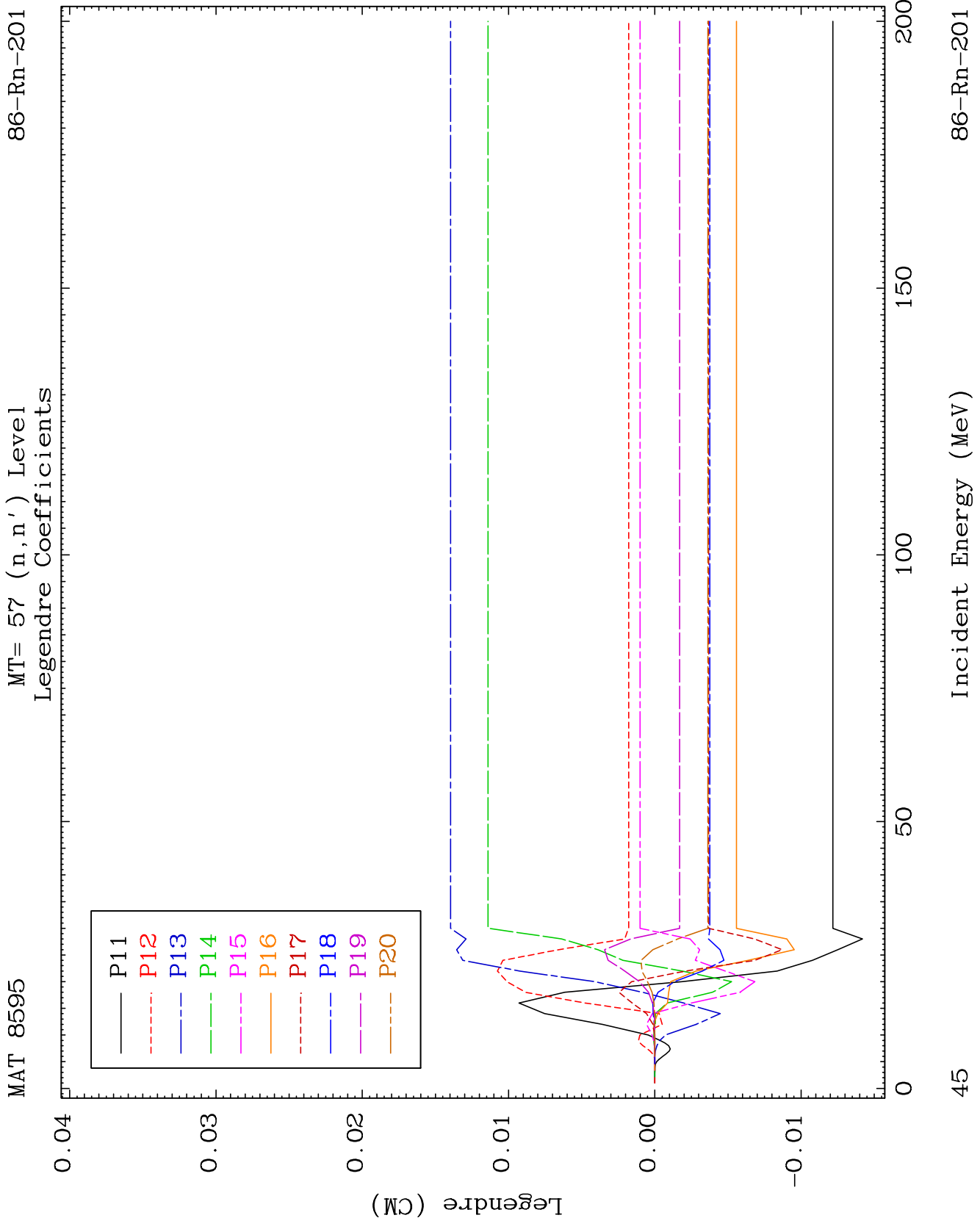
MT= 57 (n,n') Level
Legendre Coefficients

86-Rn-201



44

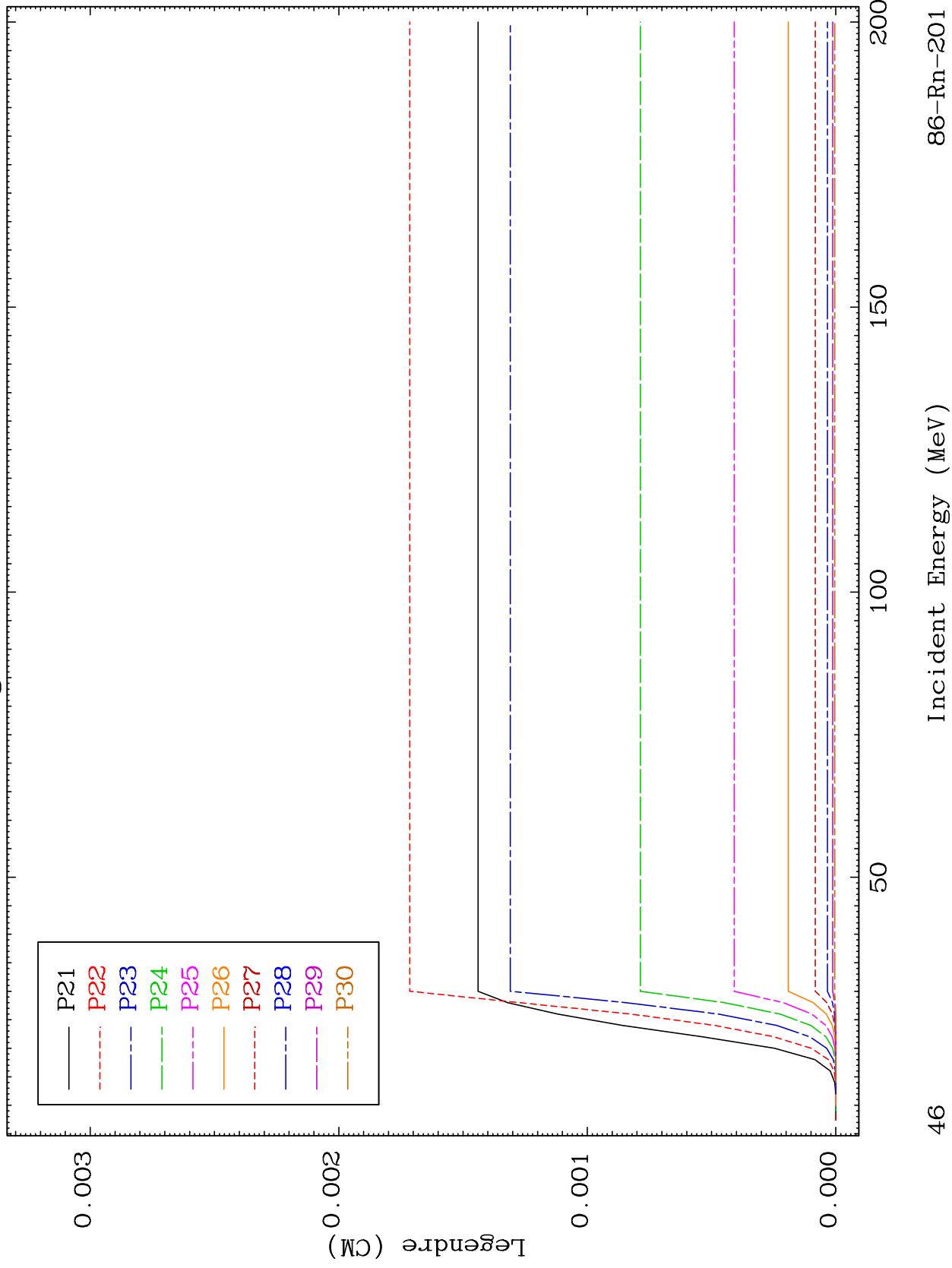
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MAT 8595

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

86-Rn-201

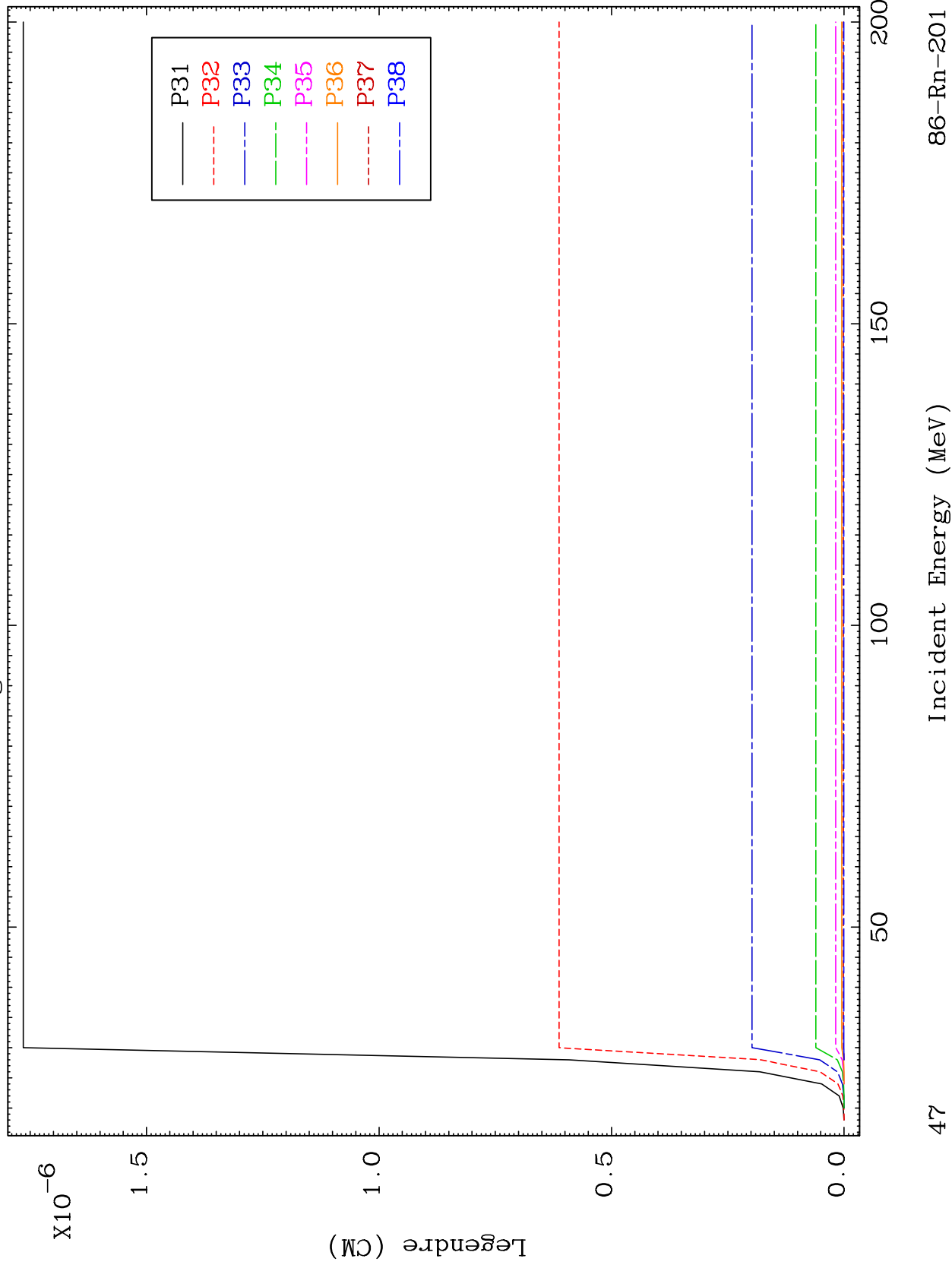


46

MAT 8595

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

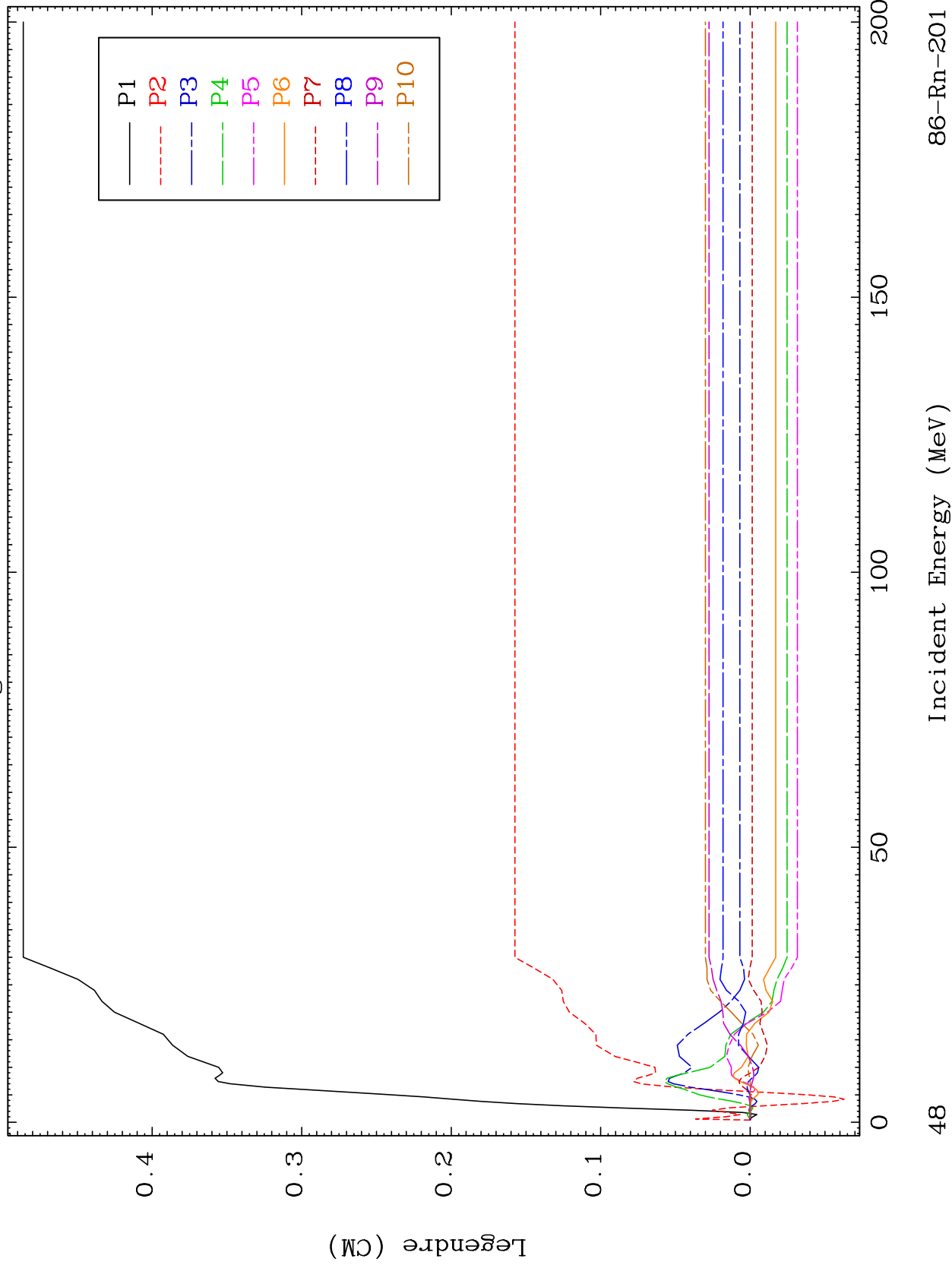
86-Rn-201



MAT 8595

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

86-Rn-201



86-Rn-201

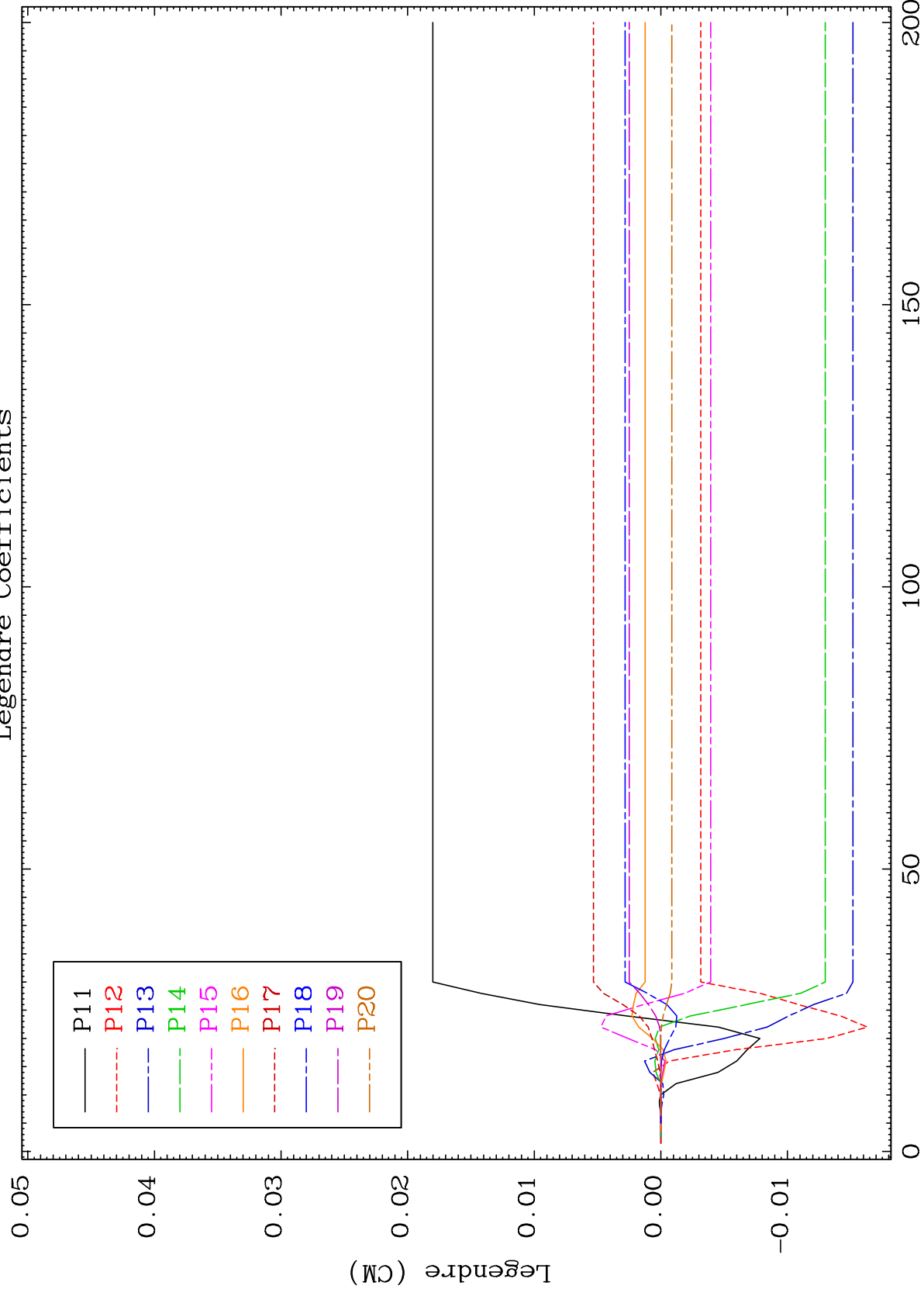
Incident Energy (MeV)

48

MAT 8595

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

86-Rn-201



49

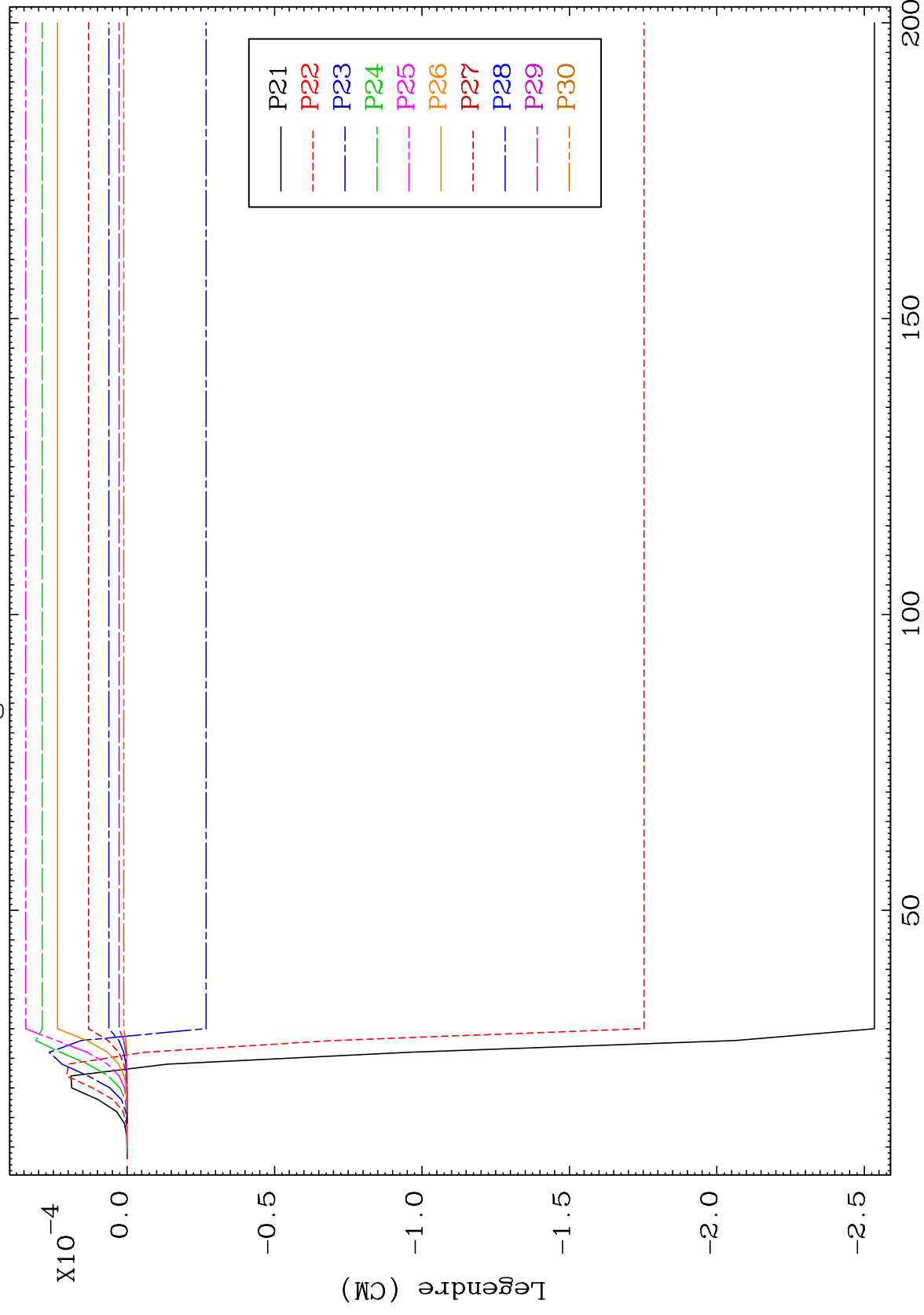
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



50

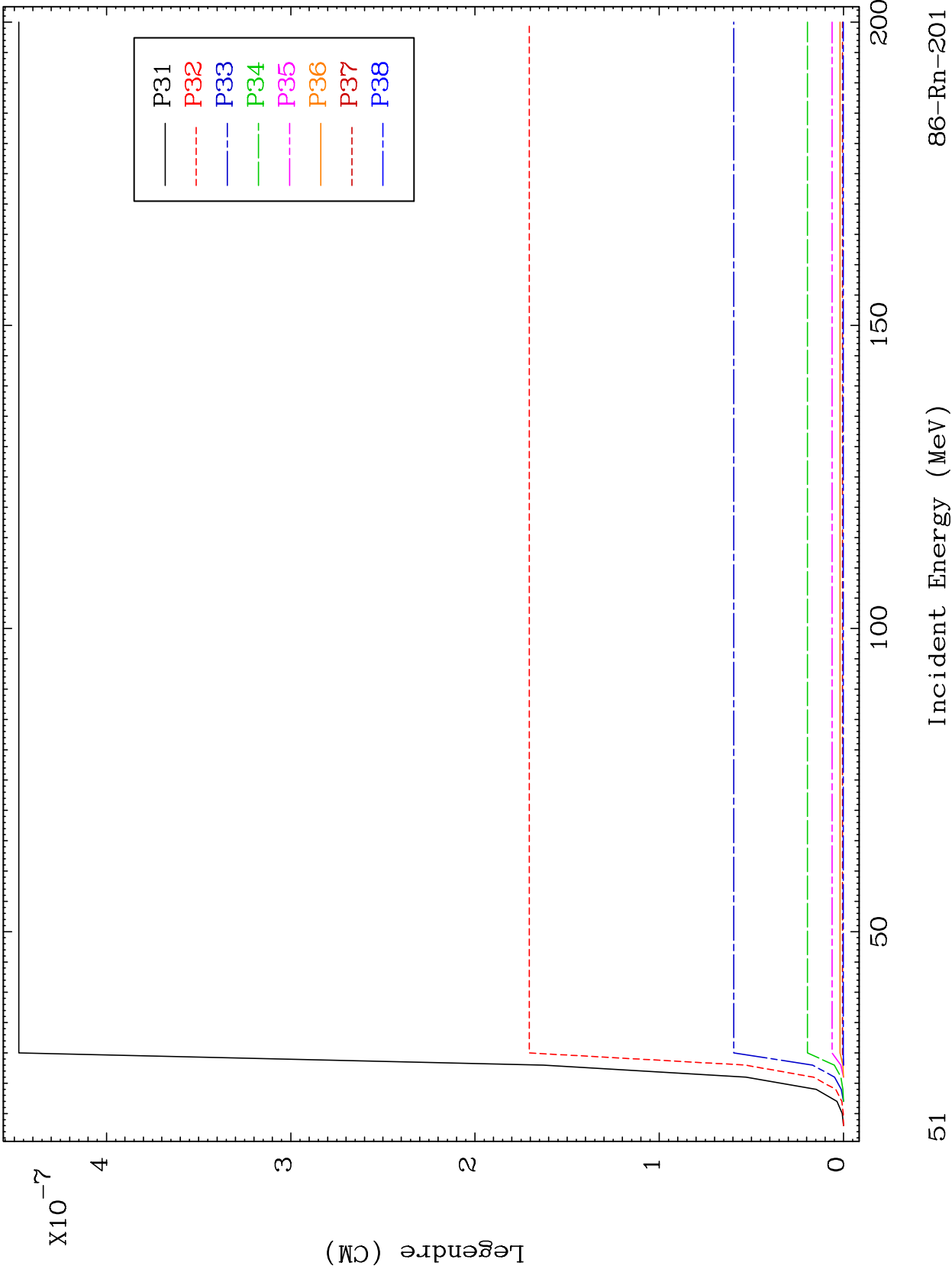
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



51

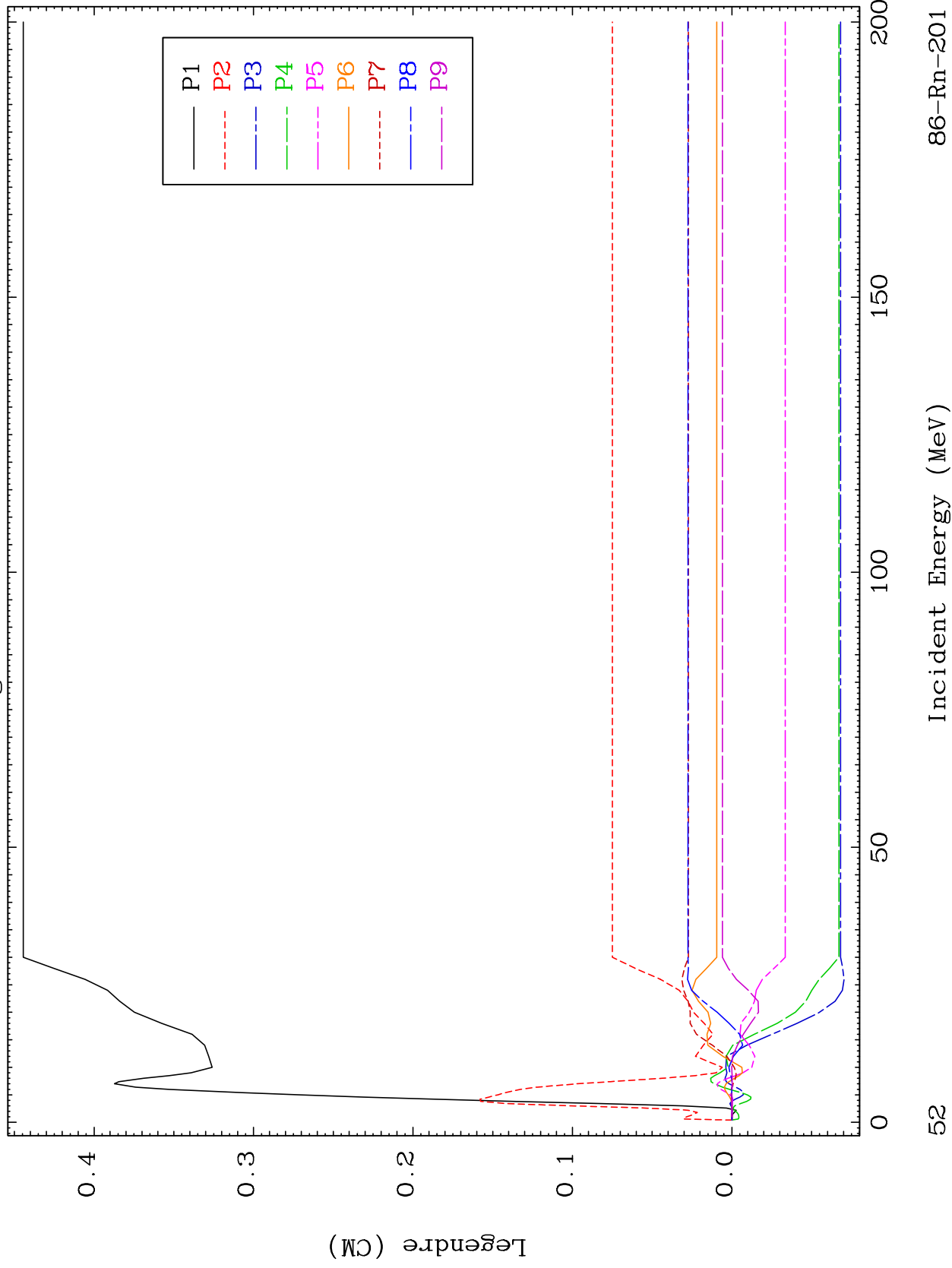
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



86-Rn-201

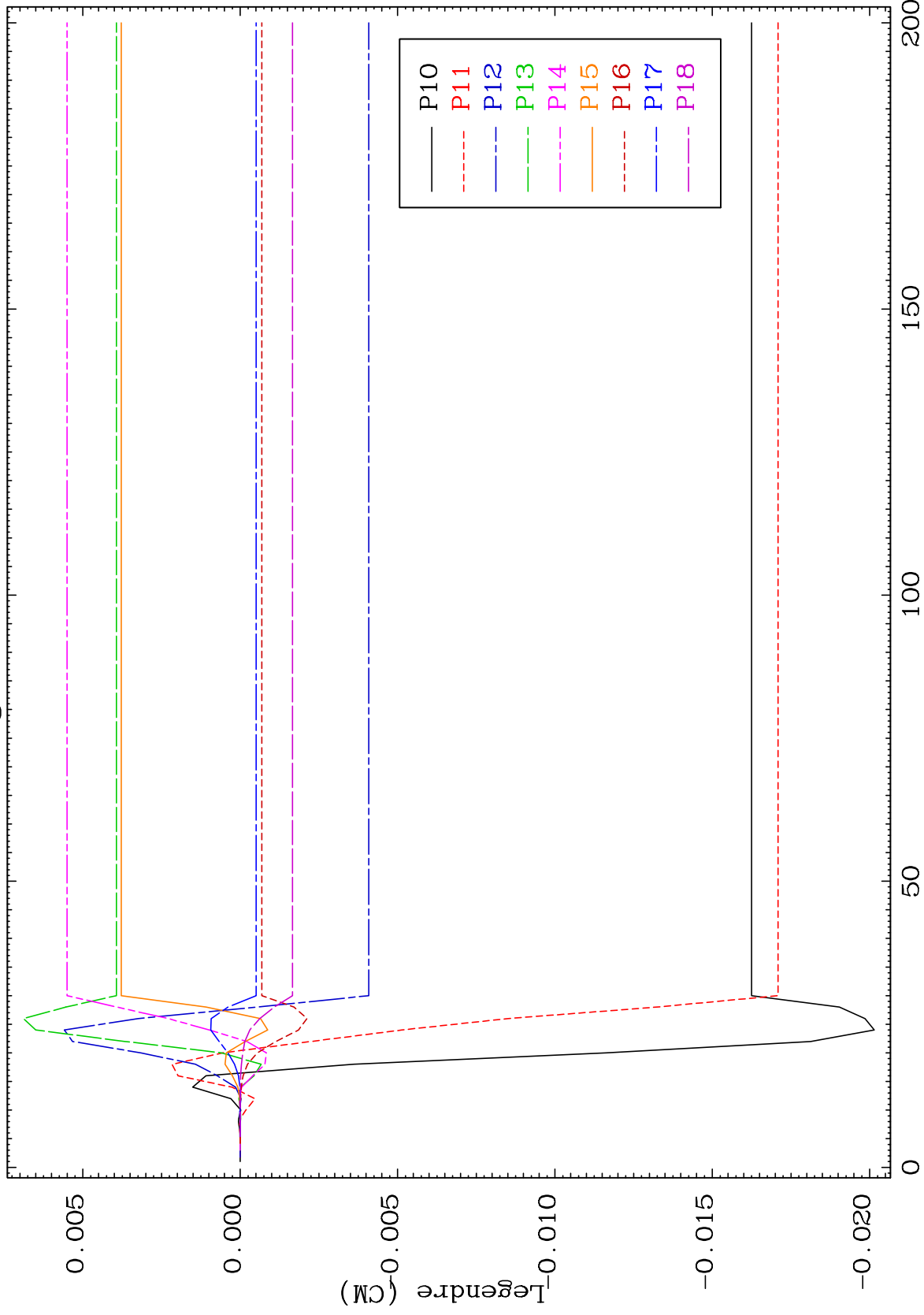
Incident Energy (MeV)

52

MAT 8595

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

86-Rn-201



53

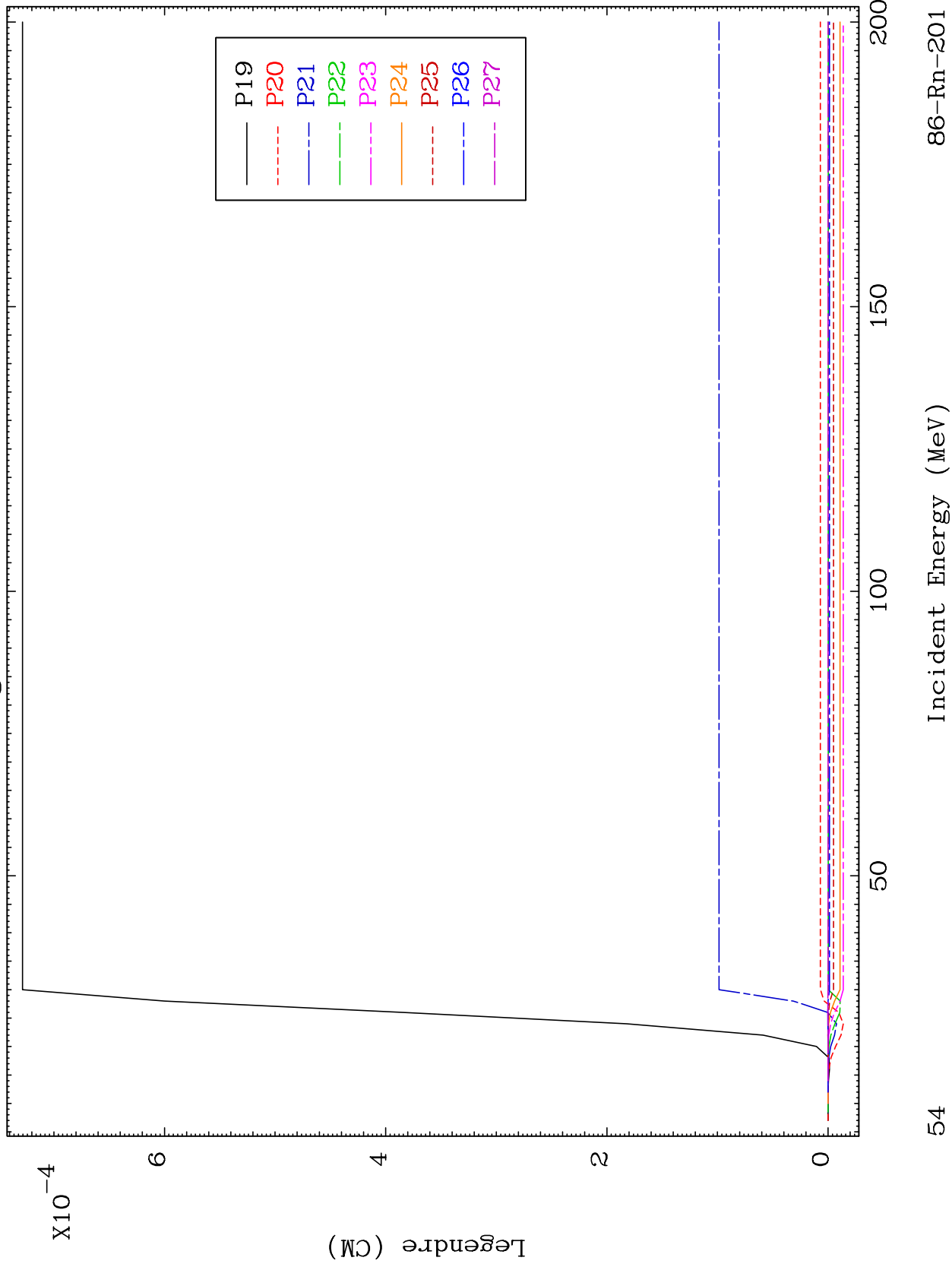
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

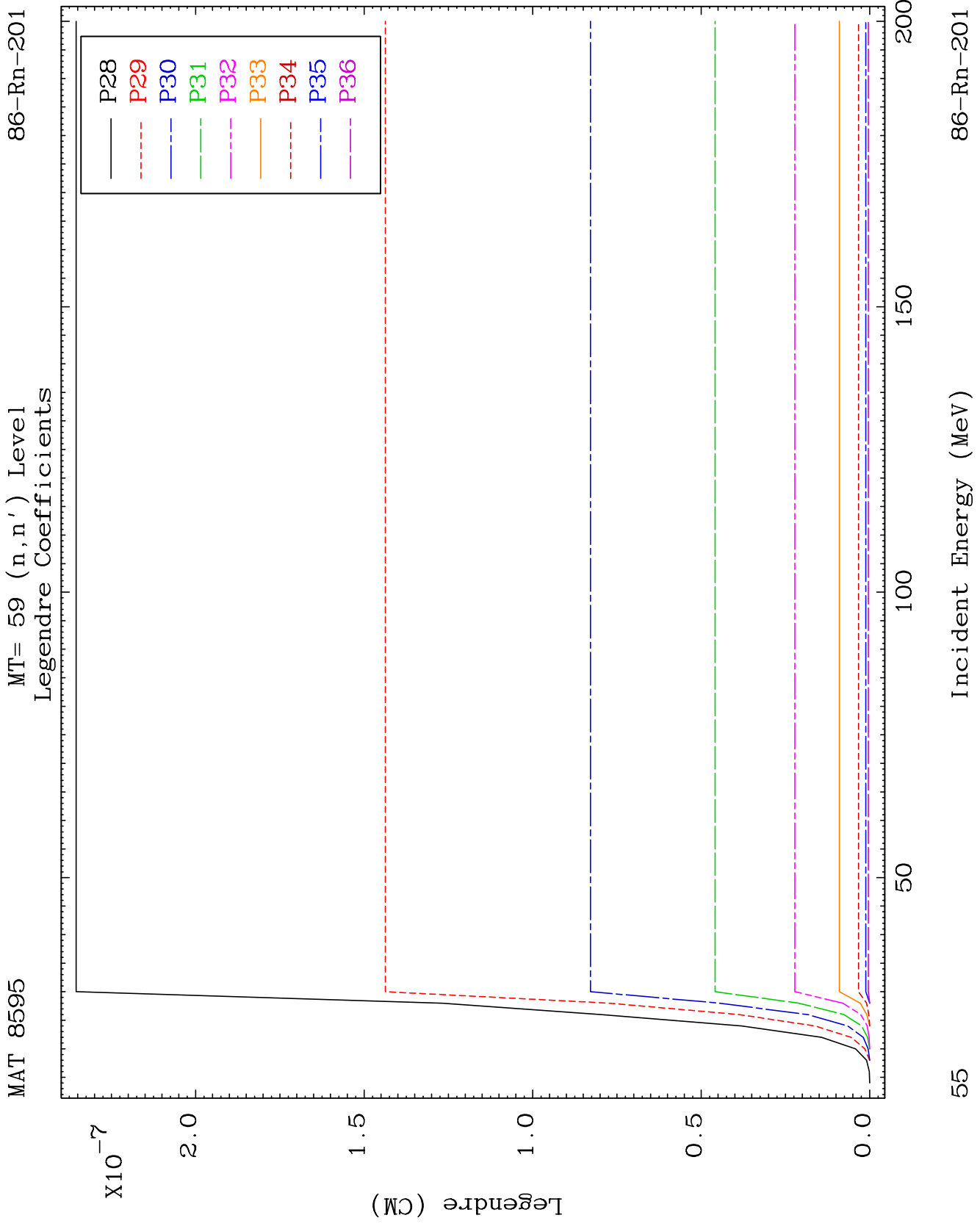
86-Rn-201



54

Incident Energy (MeV)

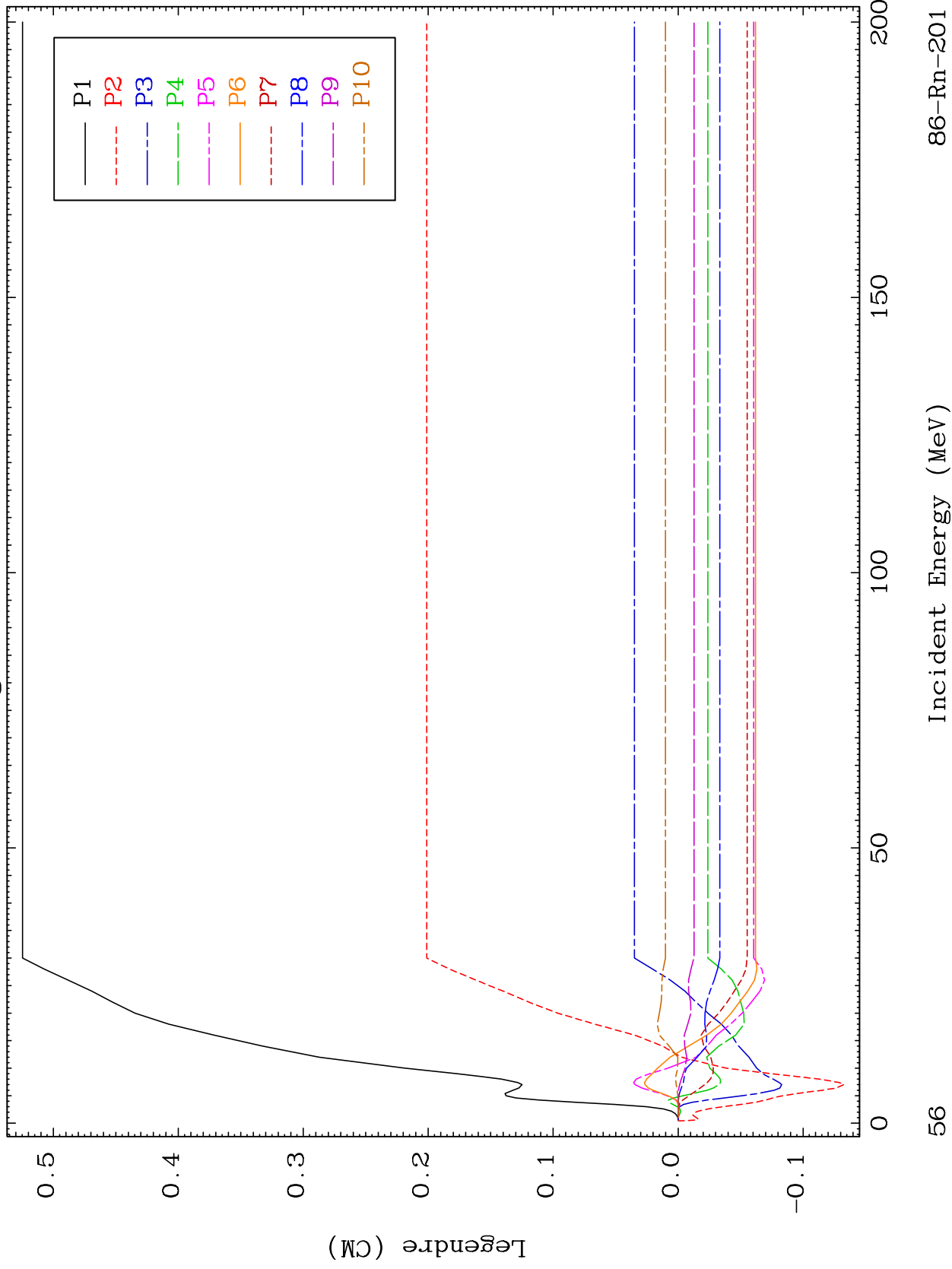
86-Rn-201



MAT 8595

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

86-Rn-201



56

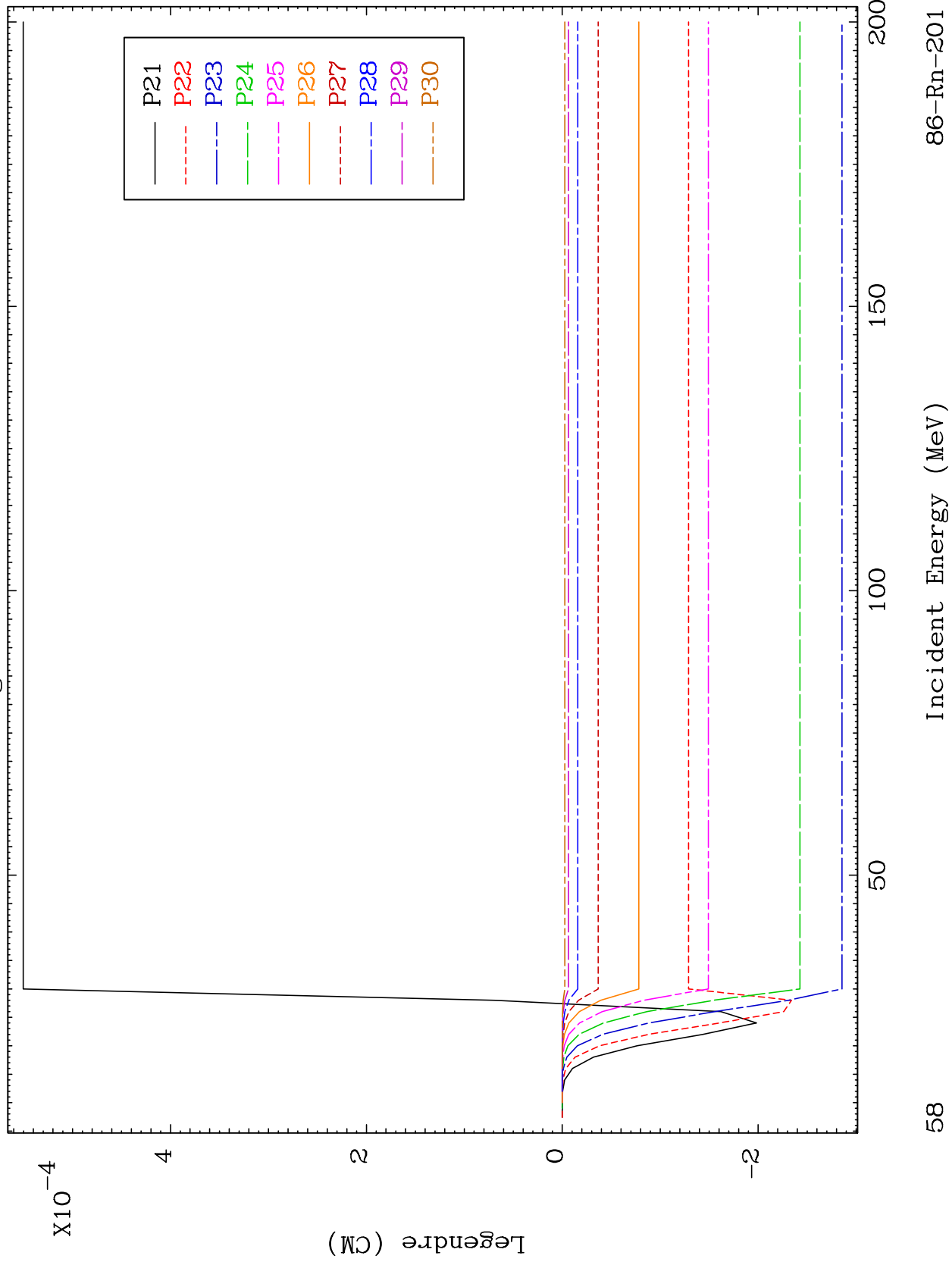
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

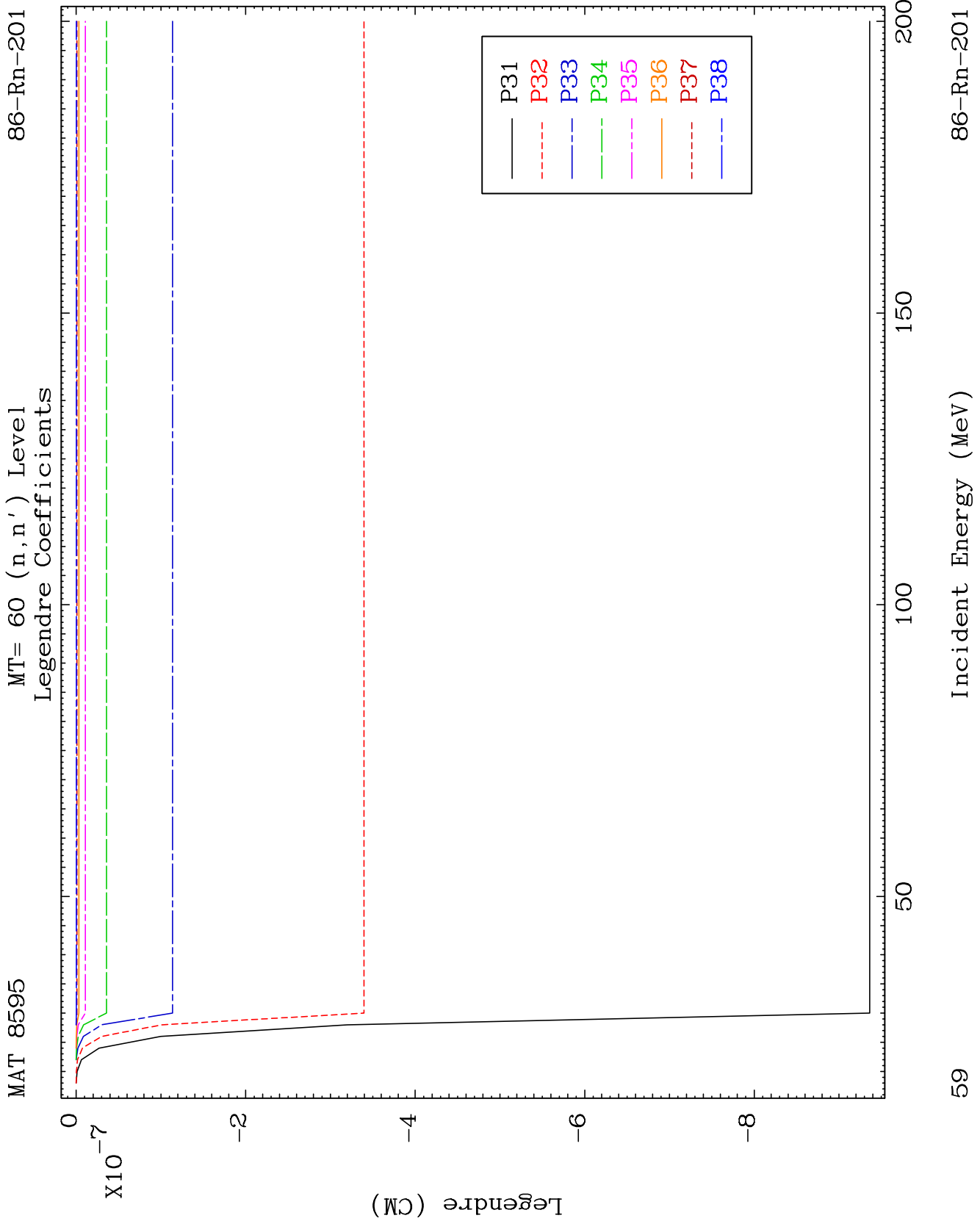
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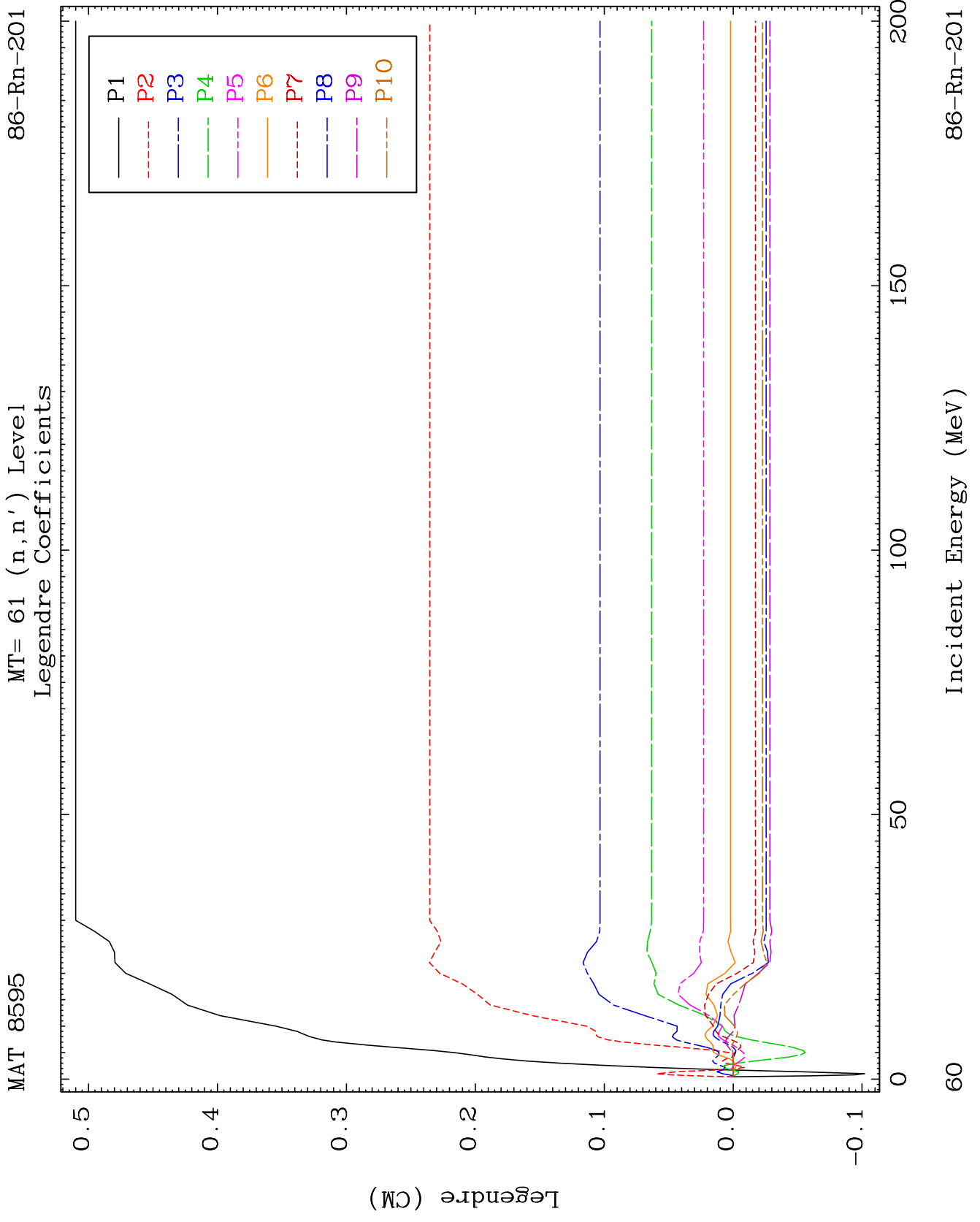


58

Incident Energy (MeV)

86-Rn-201

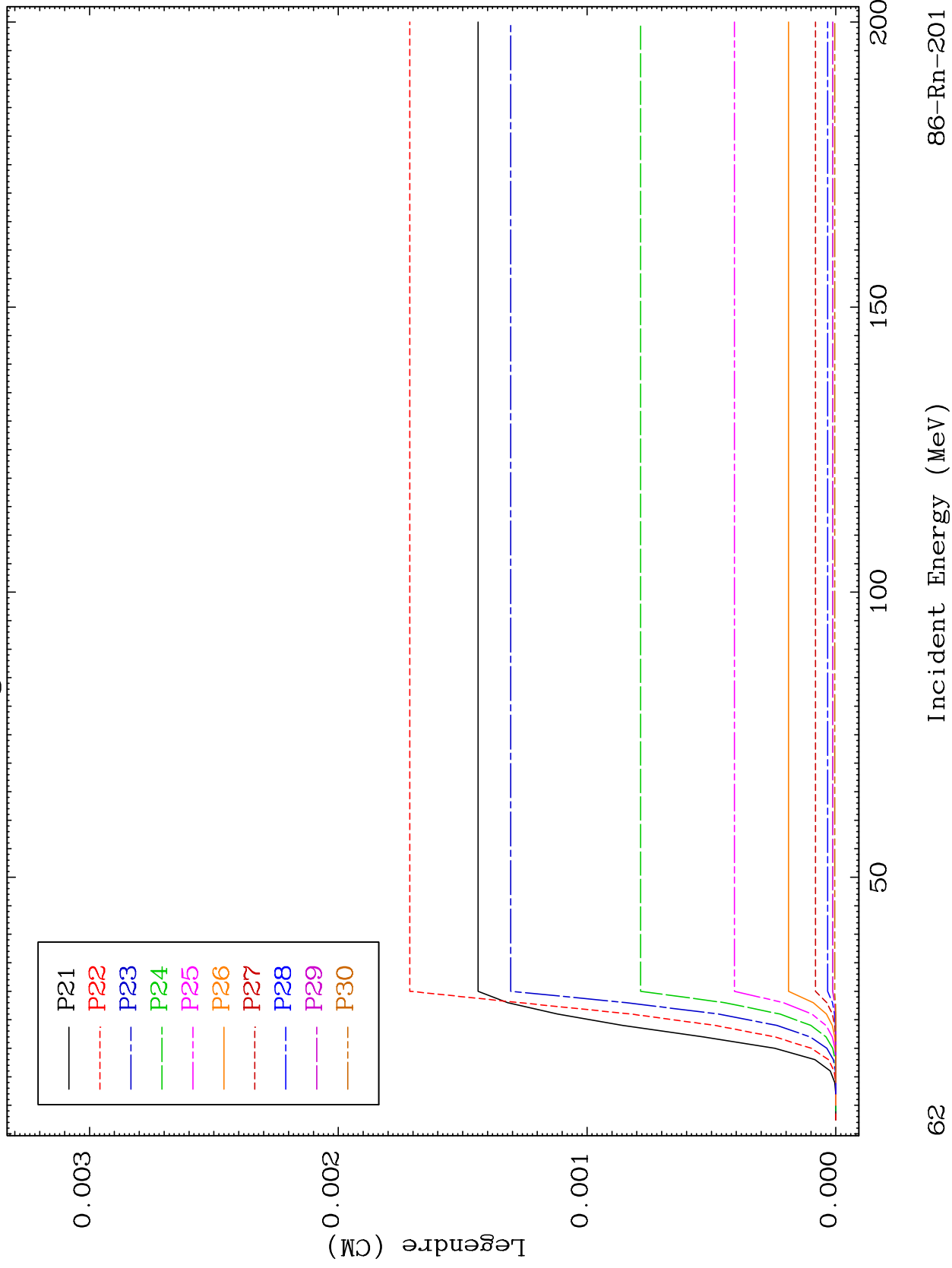




MAT 8595

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

86-Rn-201



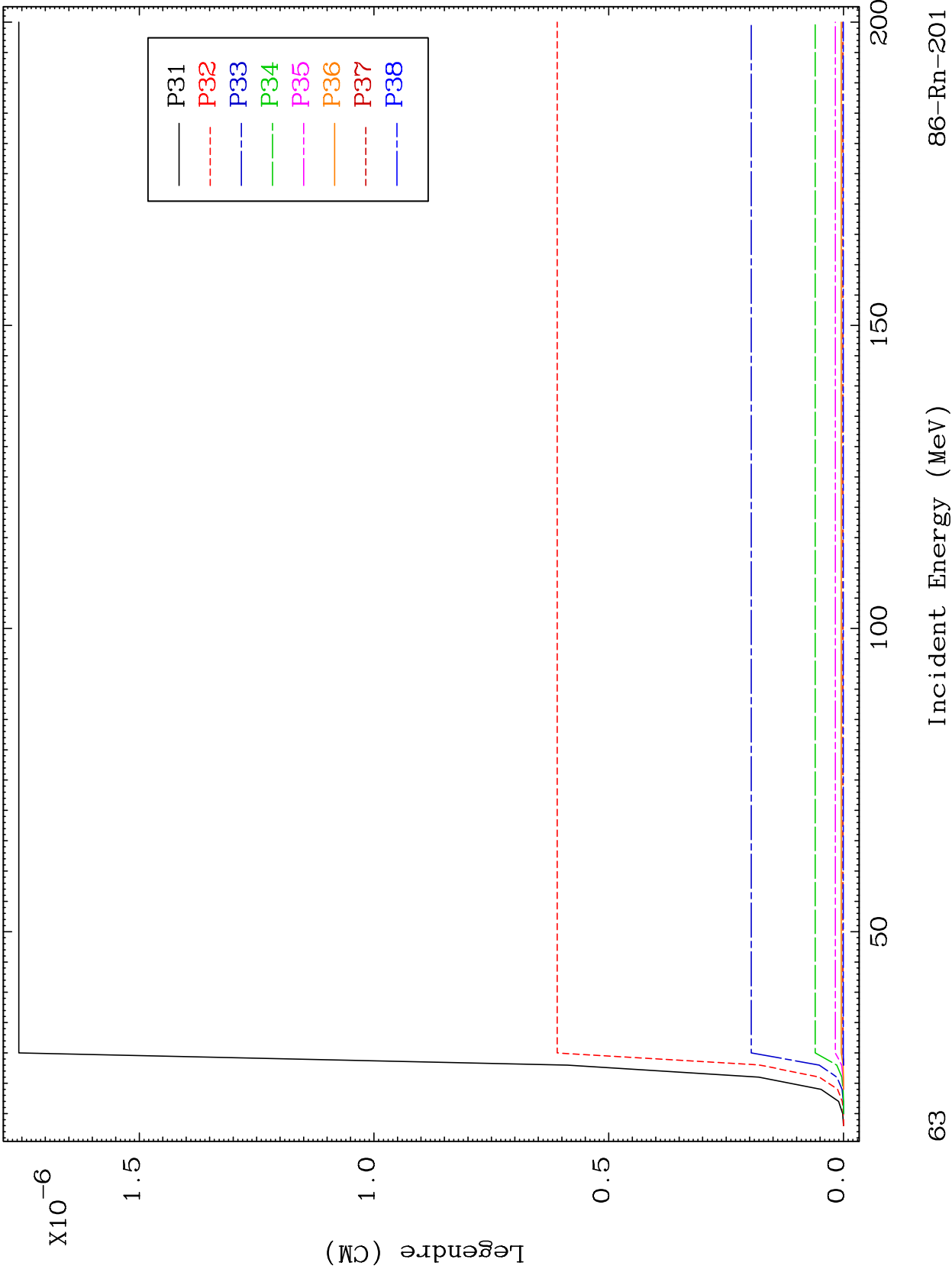
62

86-Rn-201

MAT 8595

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

86-Rn-201



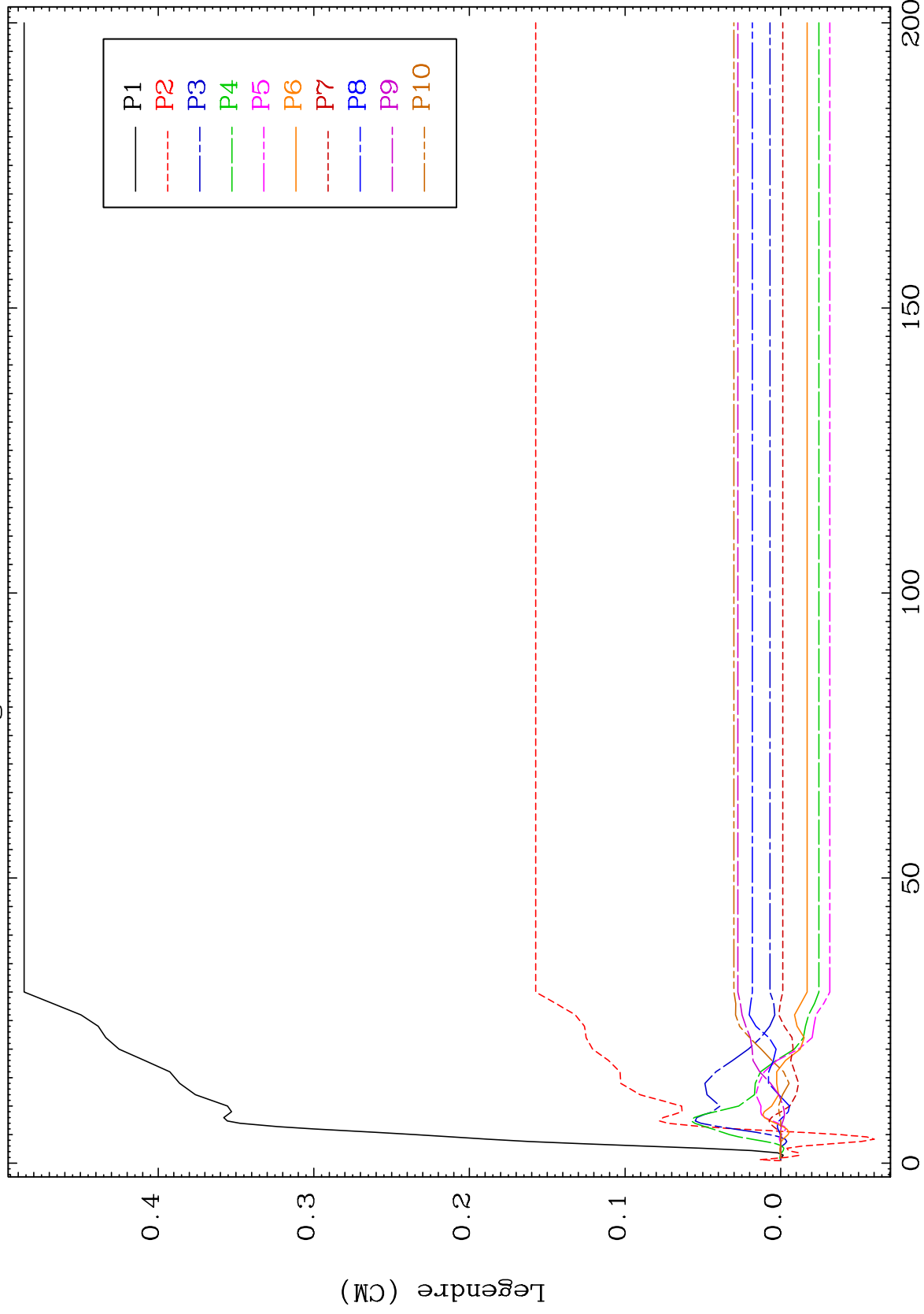
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86-Rn-201

MAT 8595

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

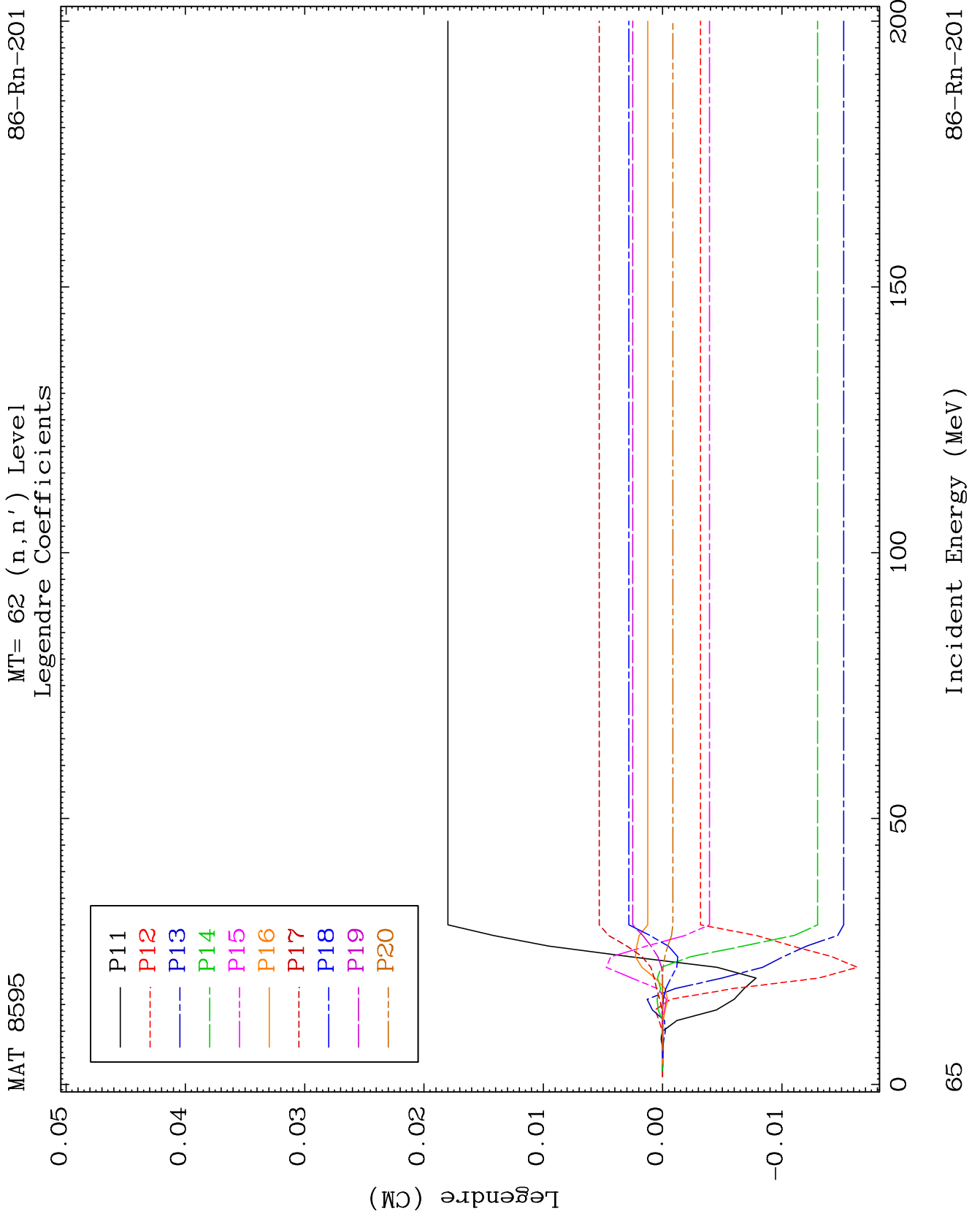
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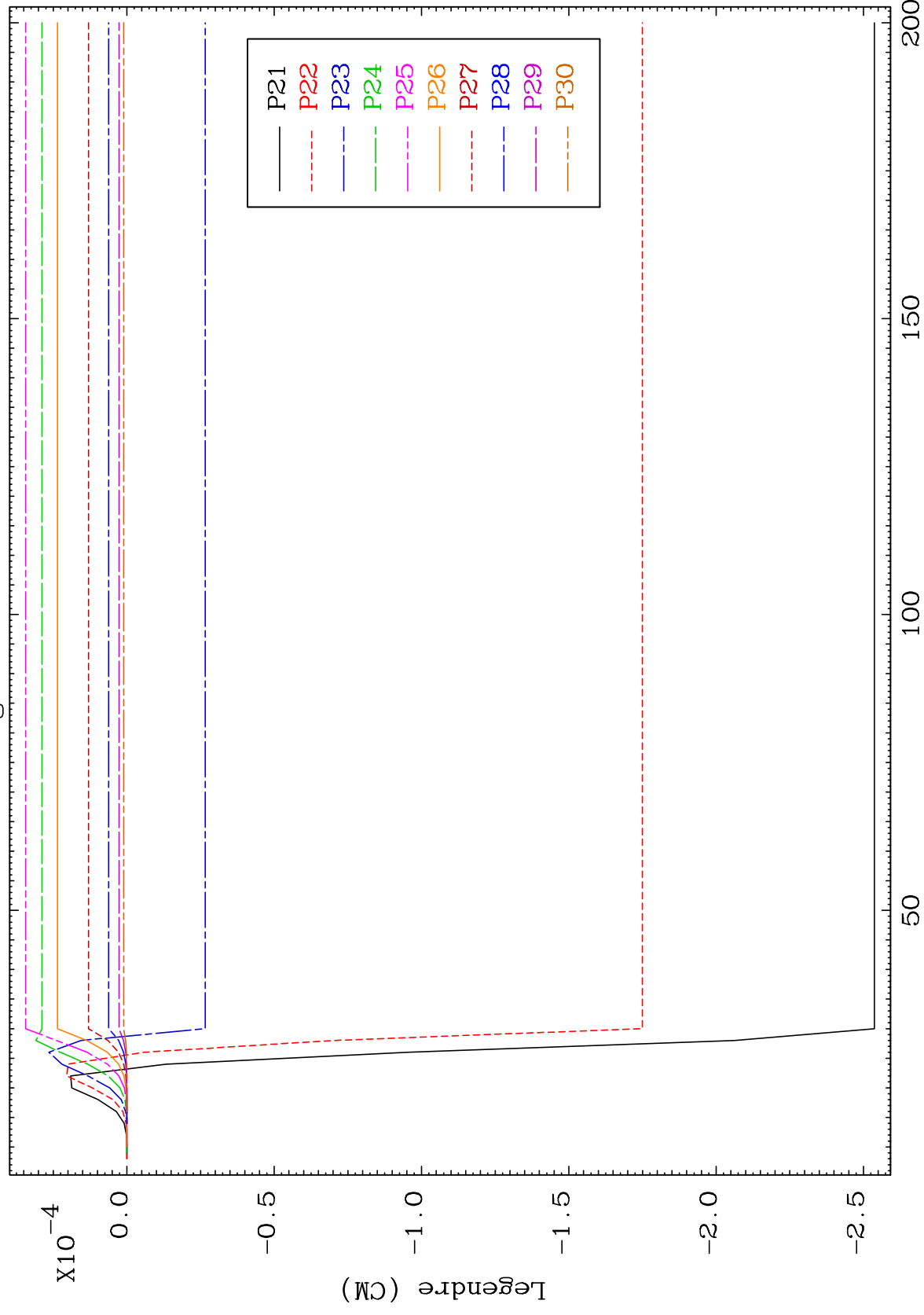


86-Rn-201

Incident Energy (MeV)

64

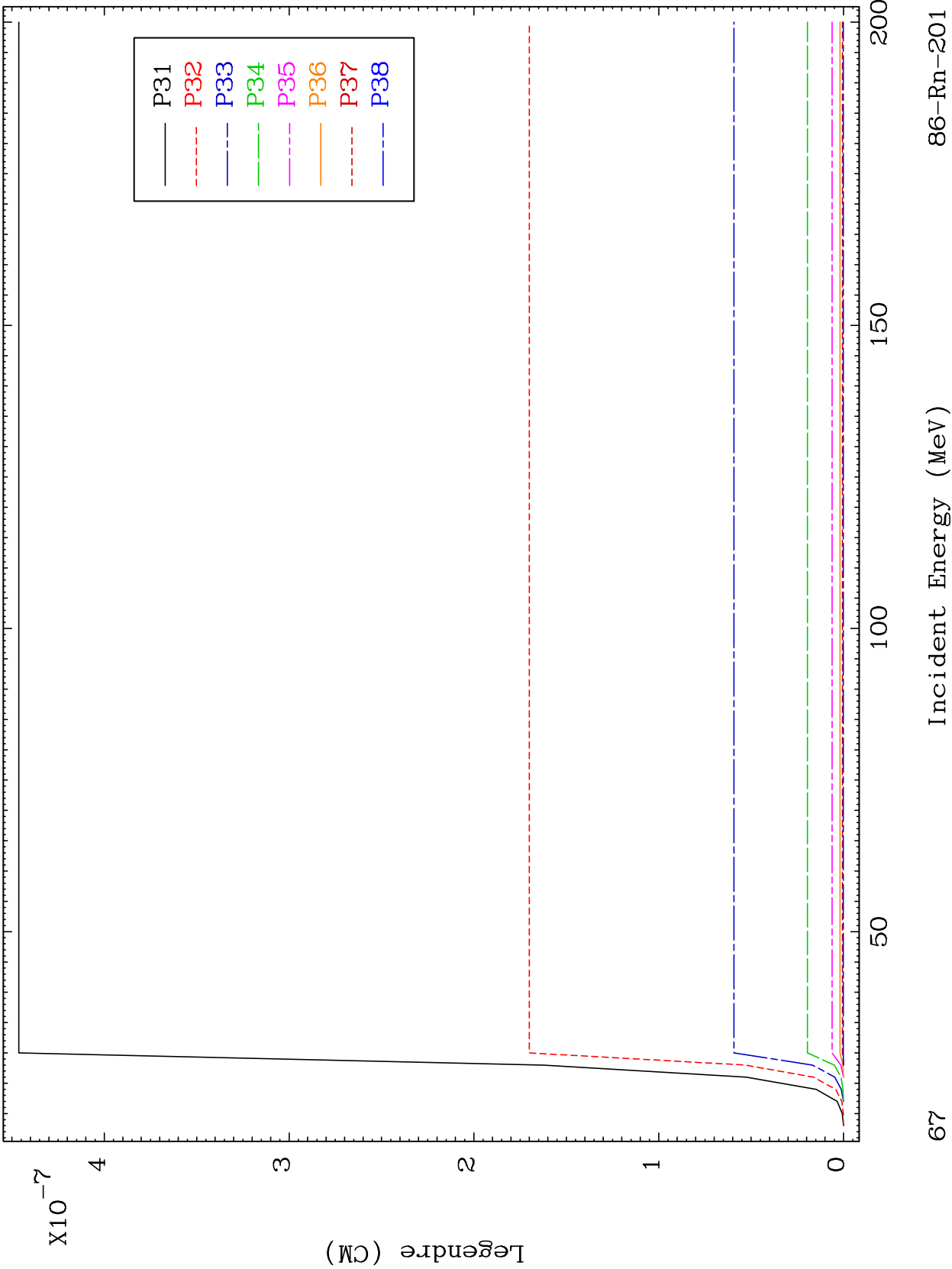




MAT 8595

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

86-Rn-201



67

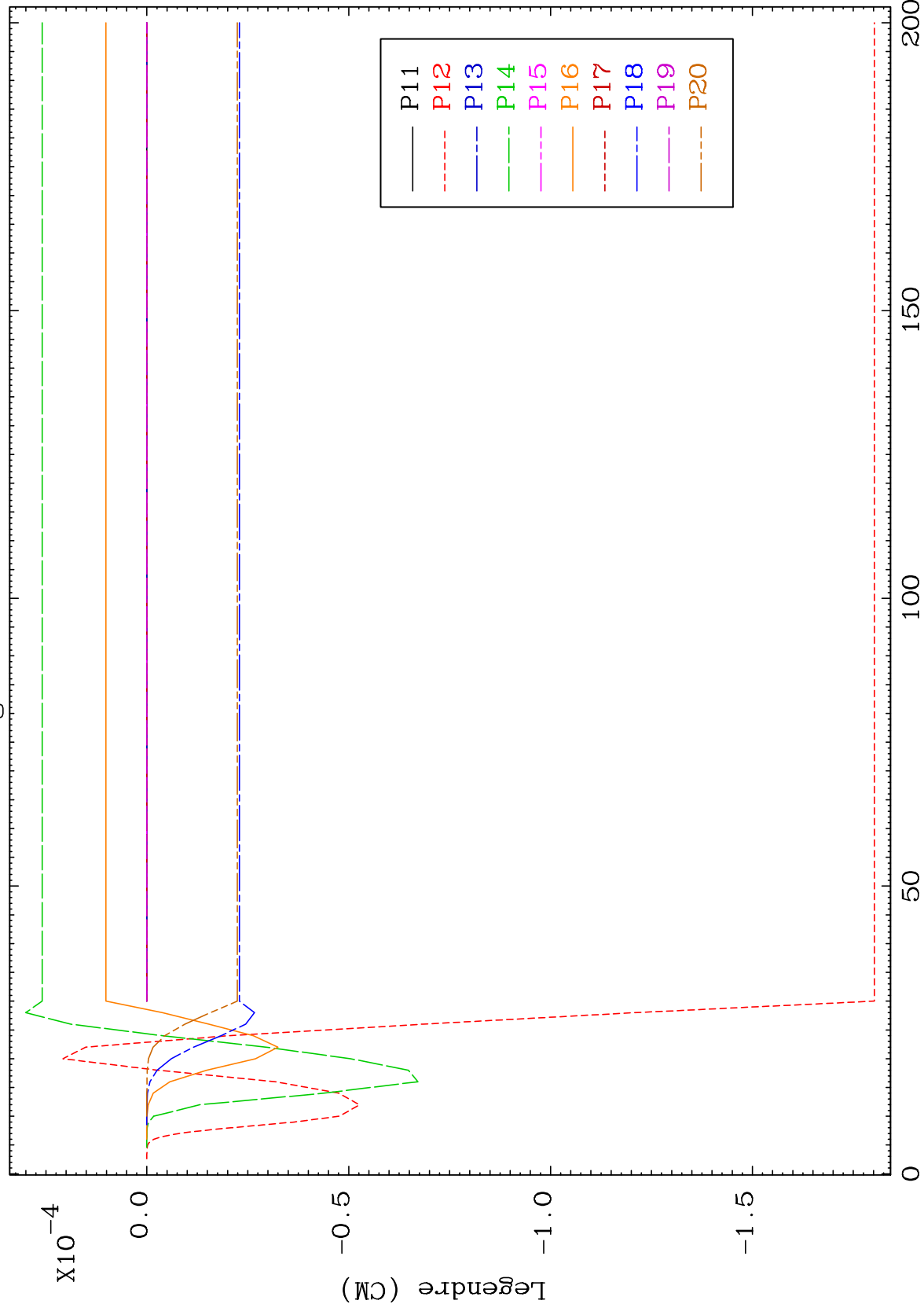
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

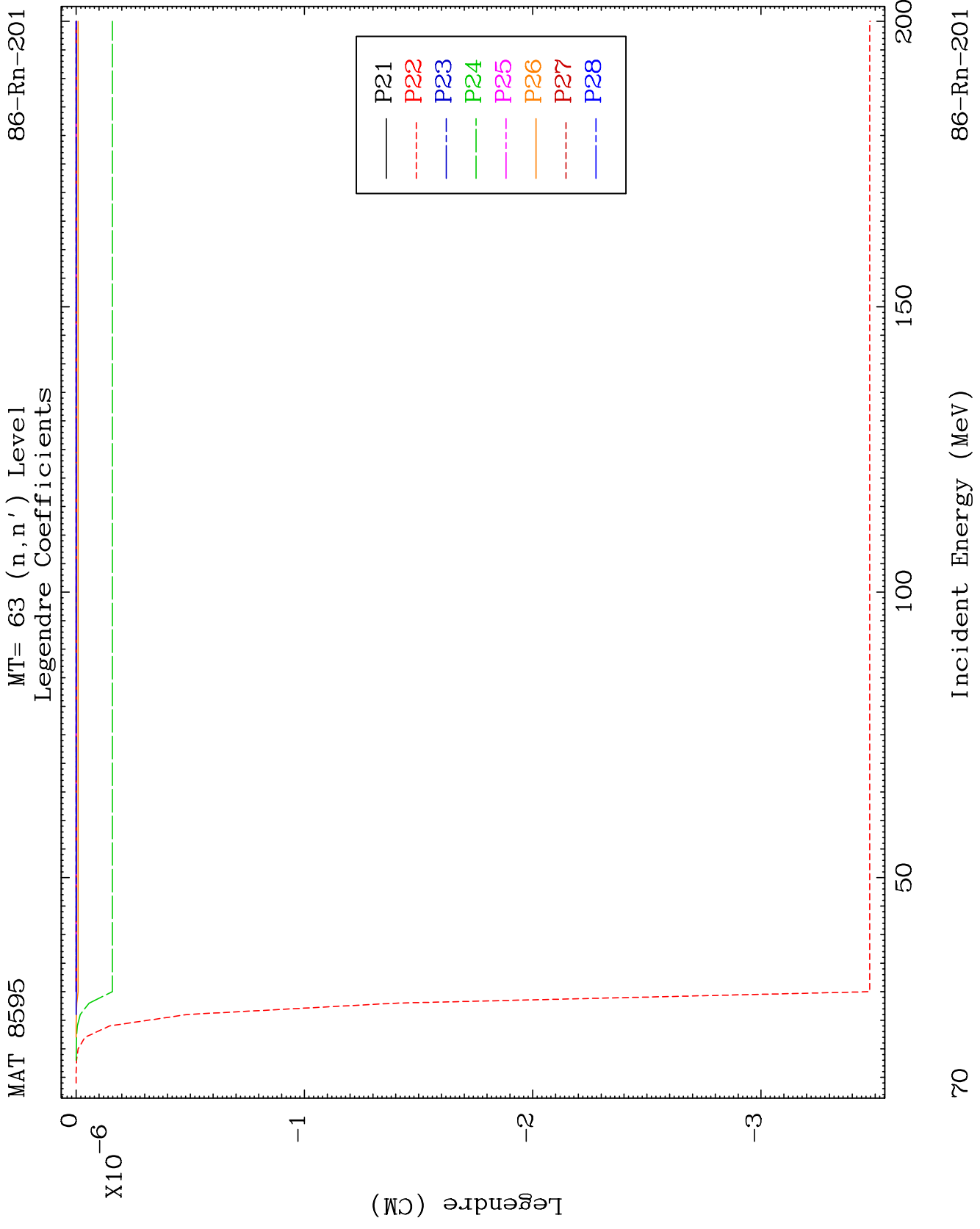
86-Rn-201



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Incident Energy (MeV)

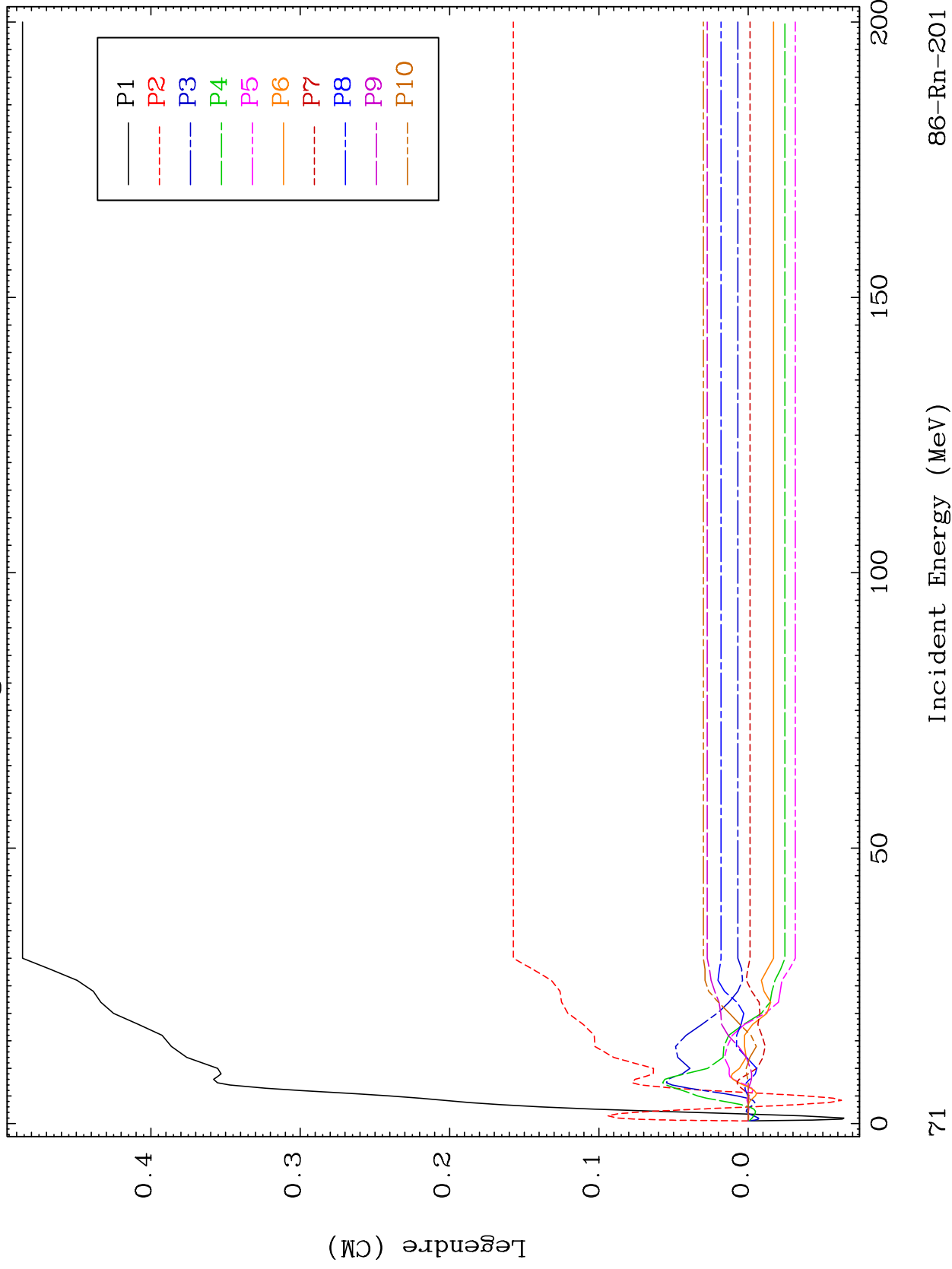
86-Rn-201



MAT 8595

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

86-Rn-201



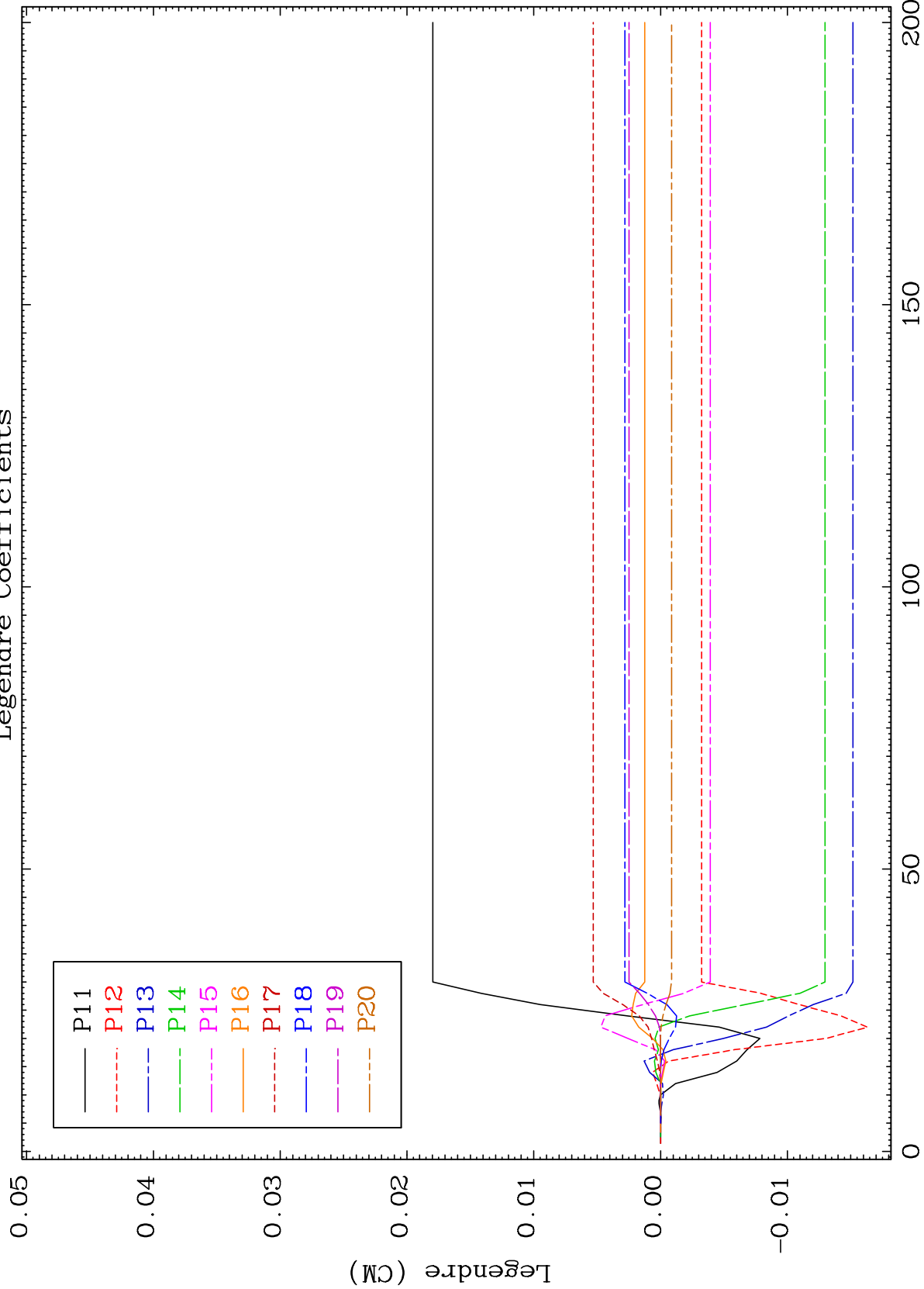
71

86-Rn-201

MAT 8595

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

86-Rn-201



72

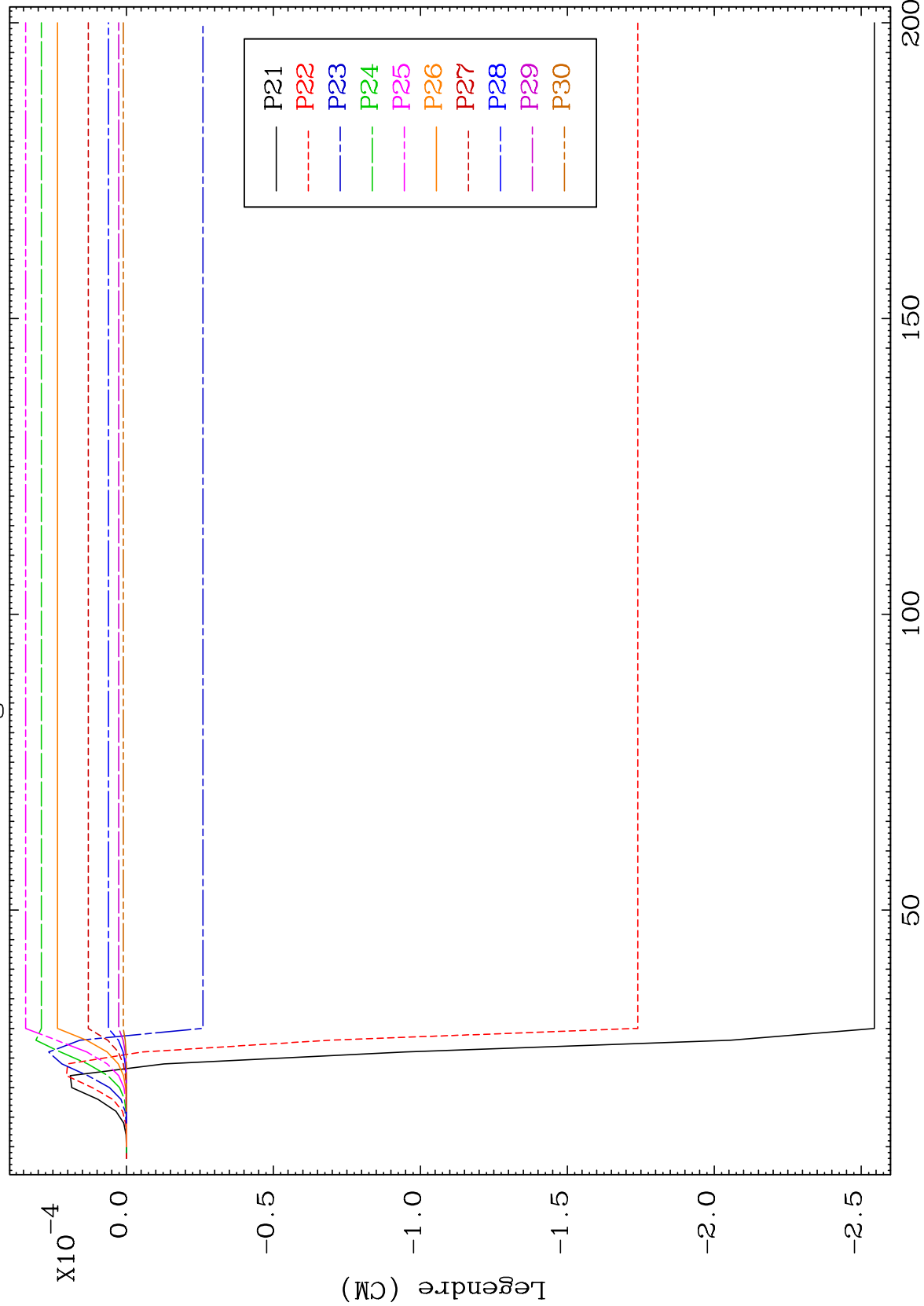
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



73

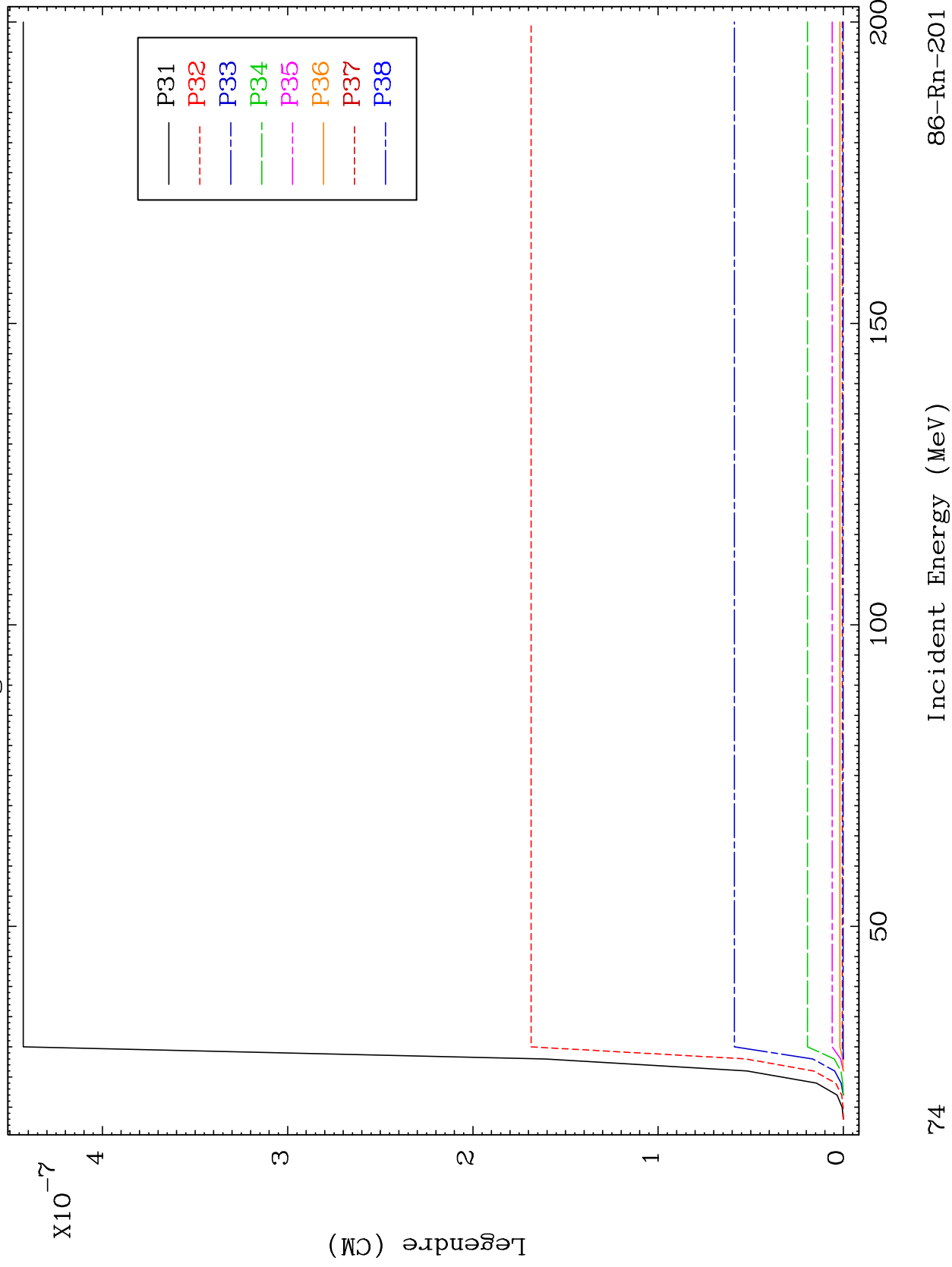
Incident Energy (MeV)

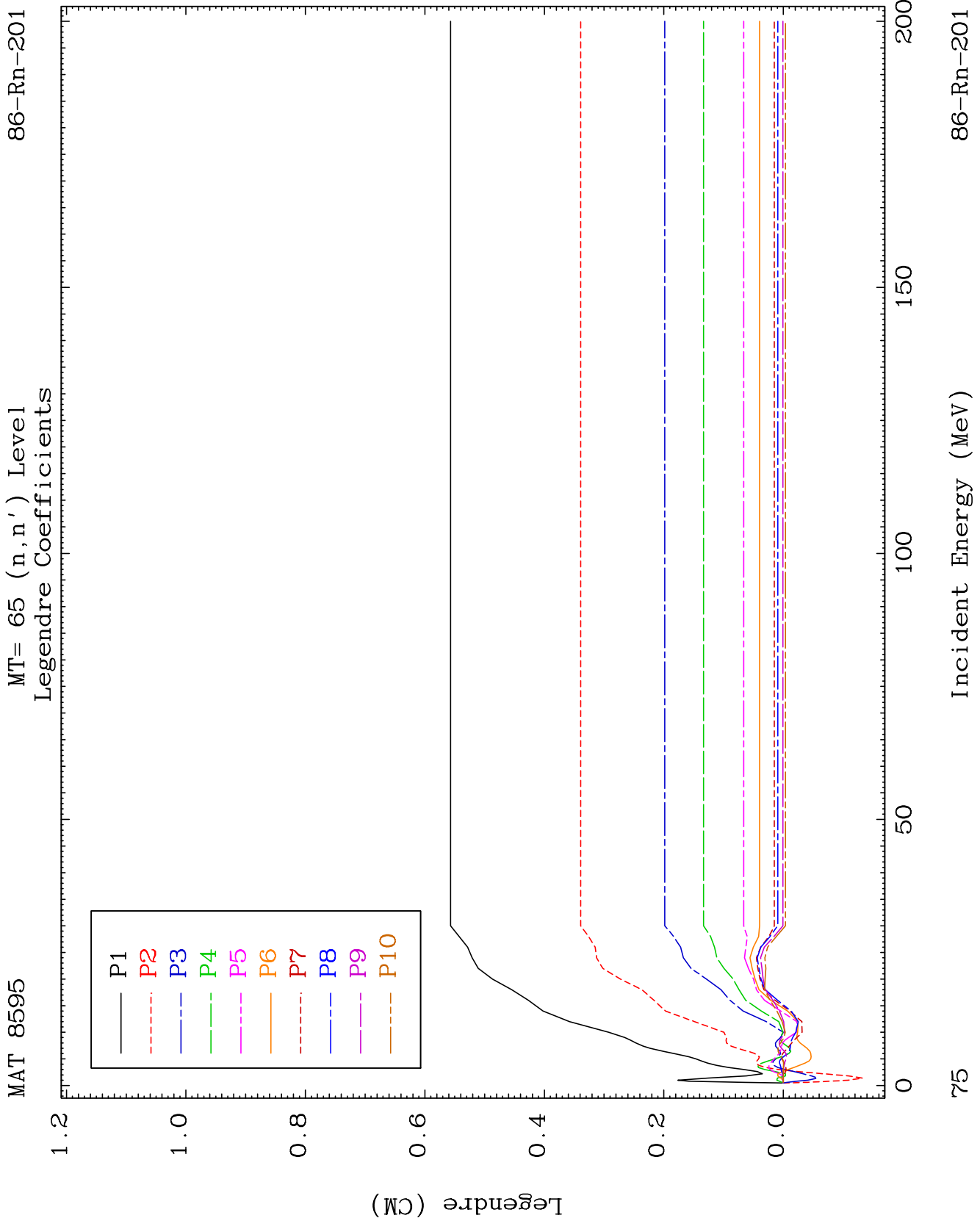
86-Rn-201

MAT 8595

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

86-Rn-201

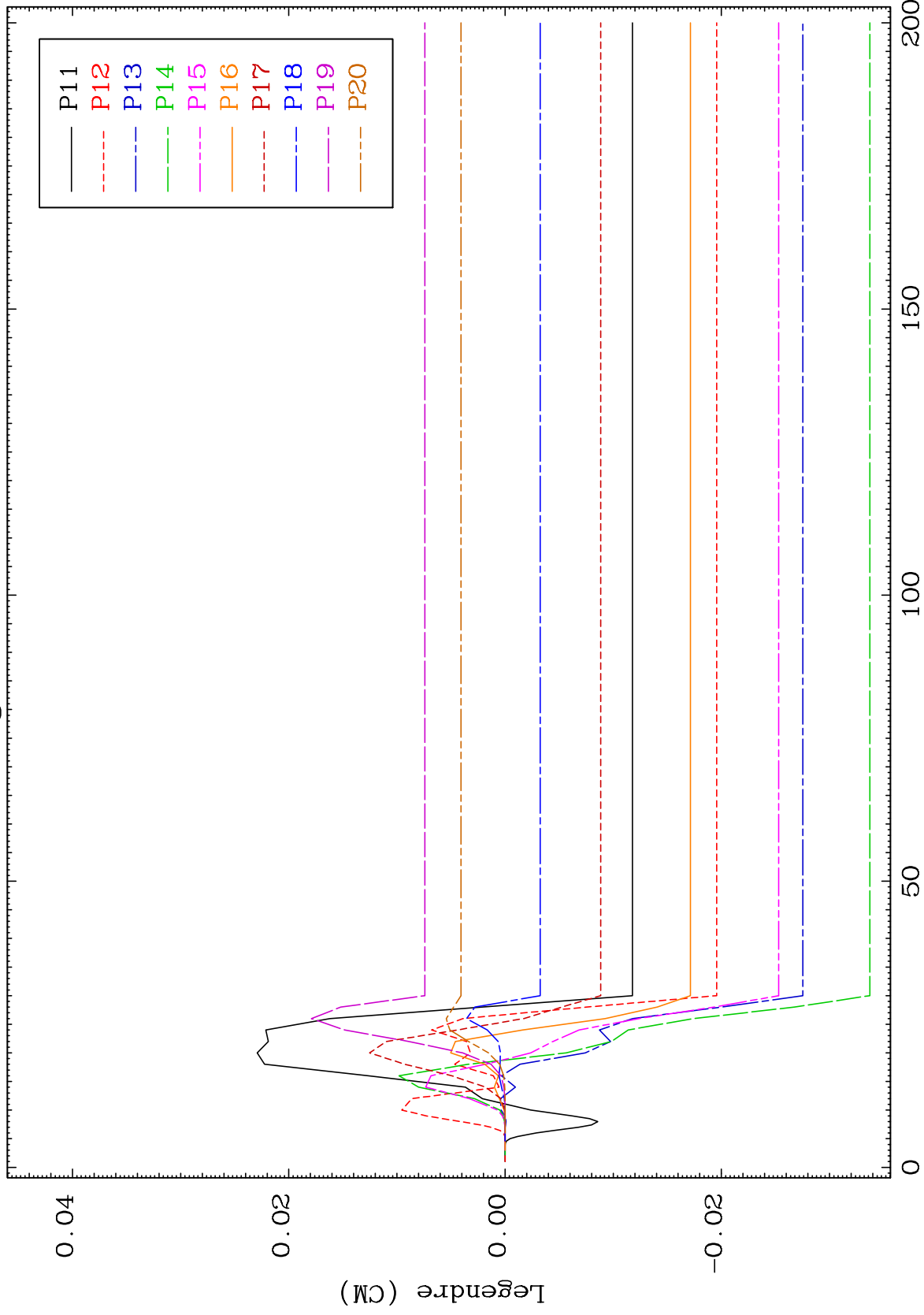




MAT 8595

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

86-Rn-201



76

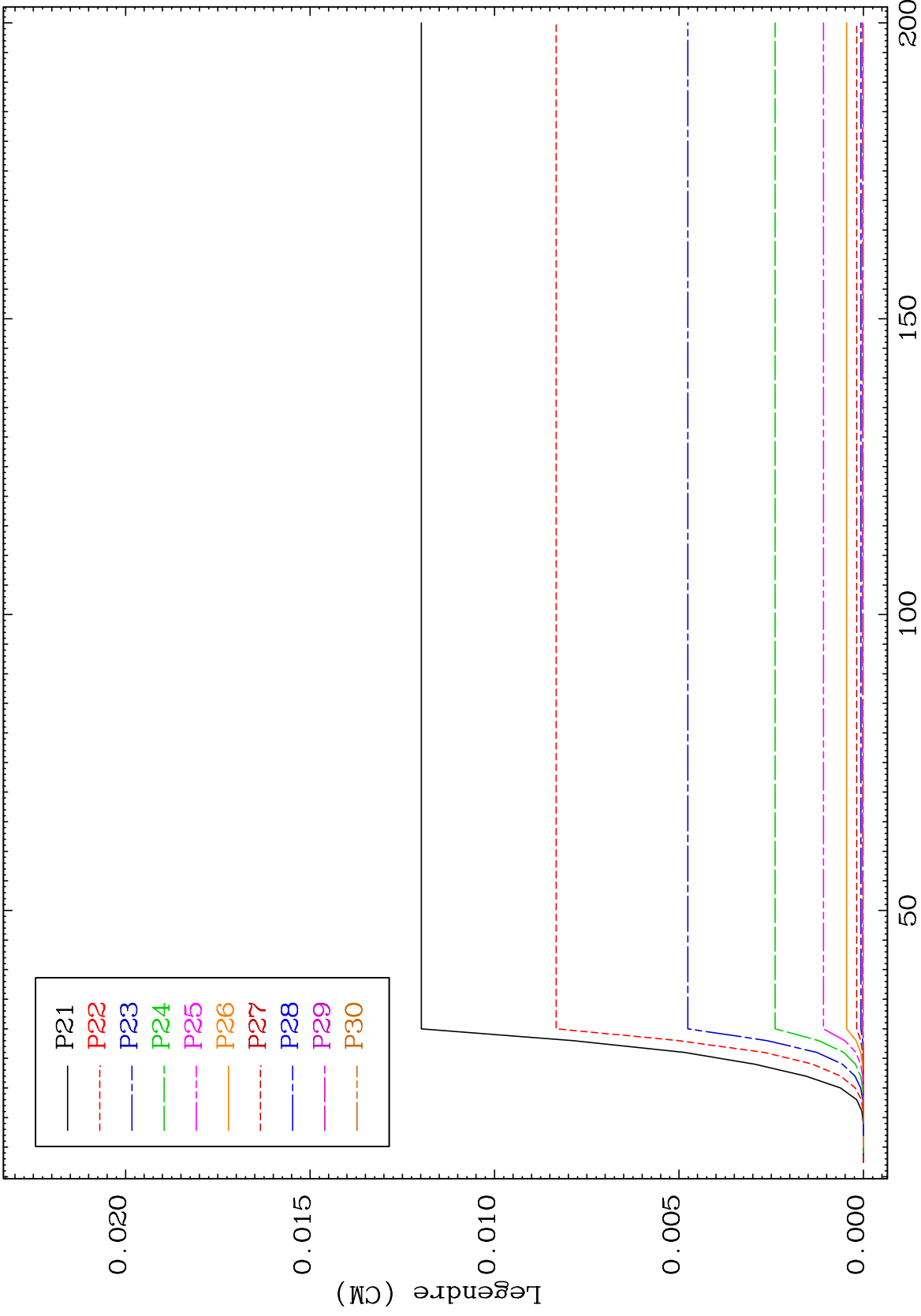
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



77

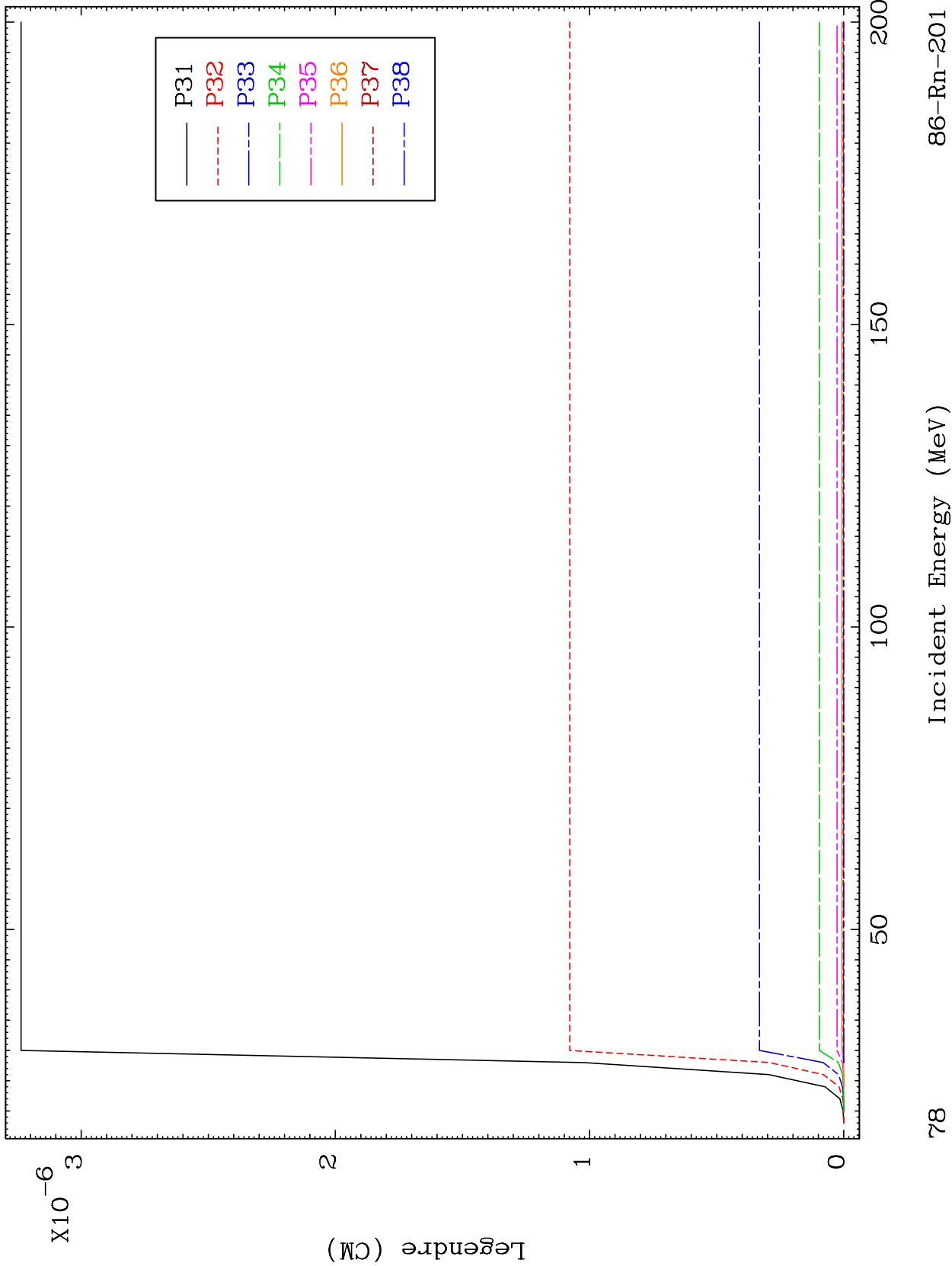
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



78

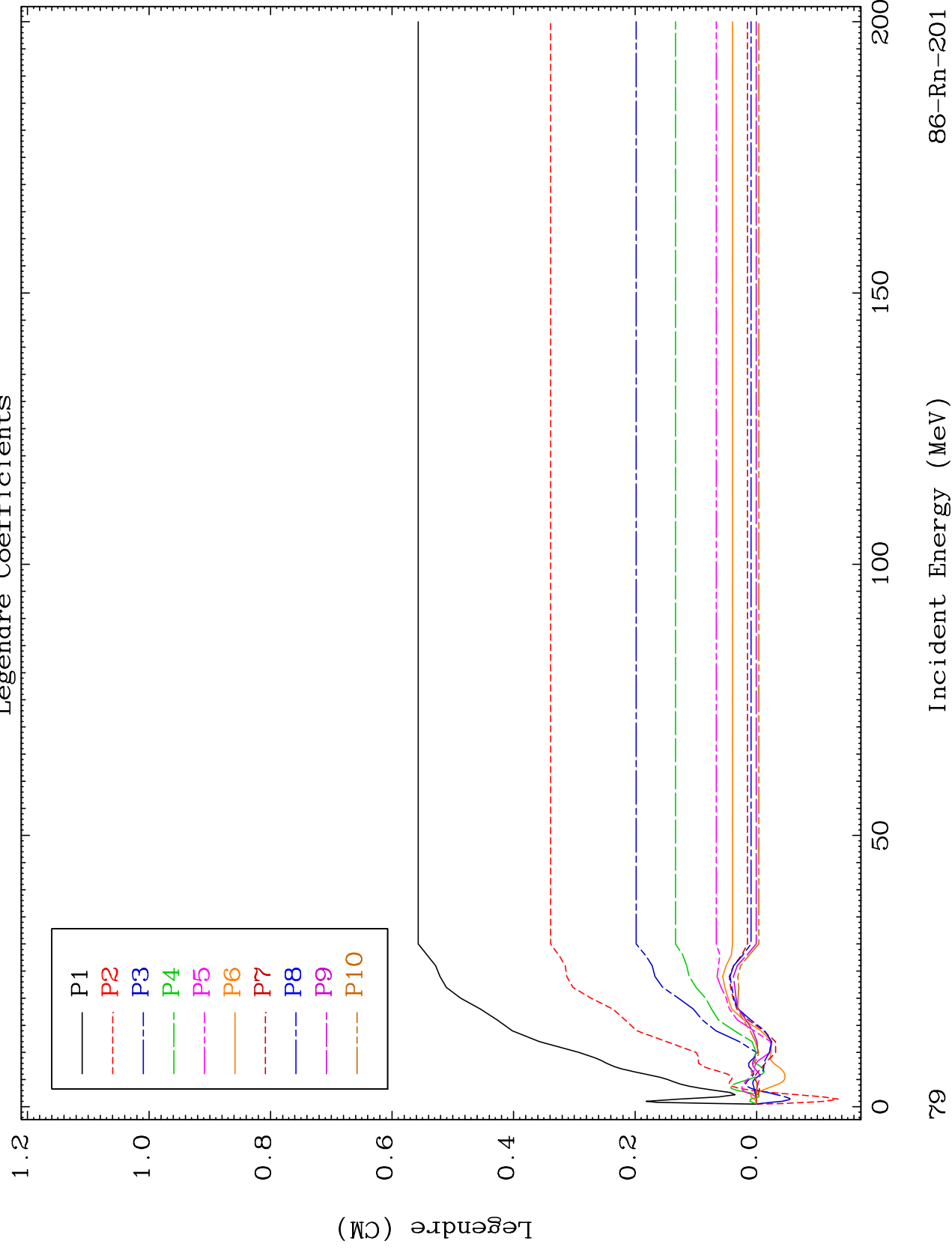
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



79

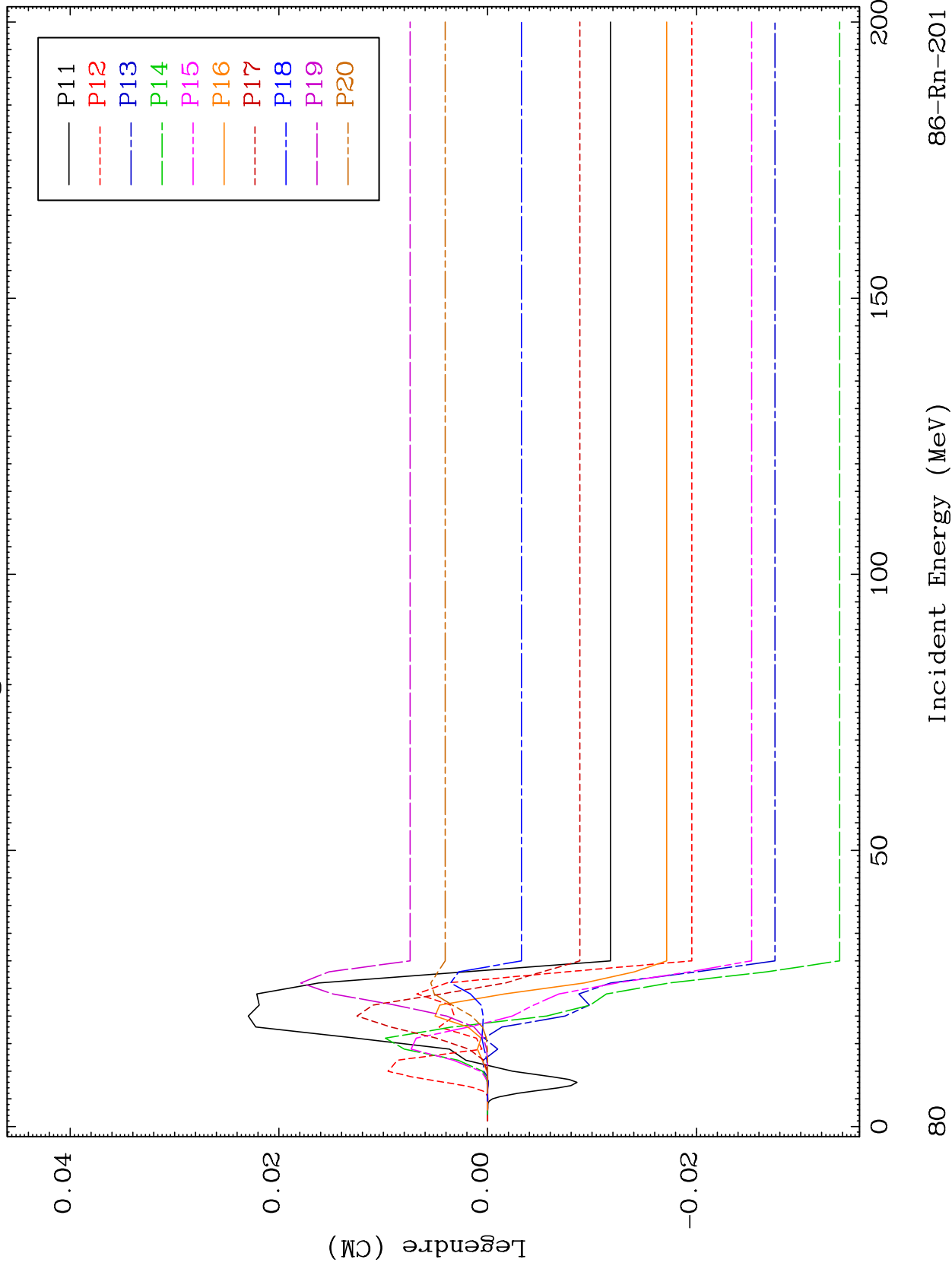
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201

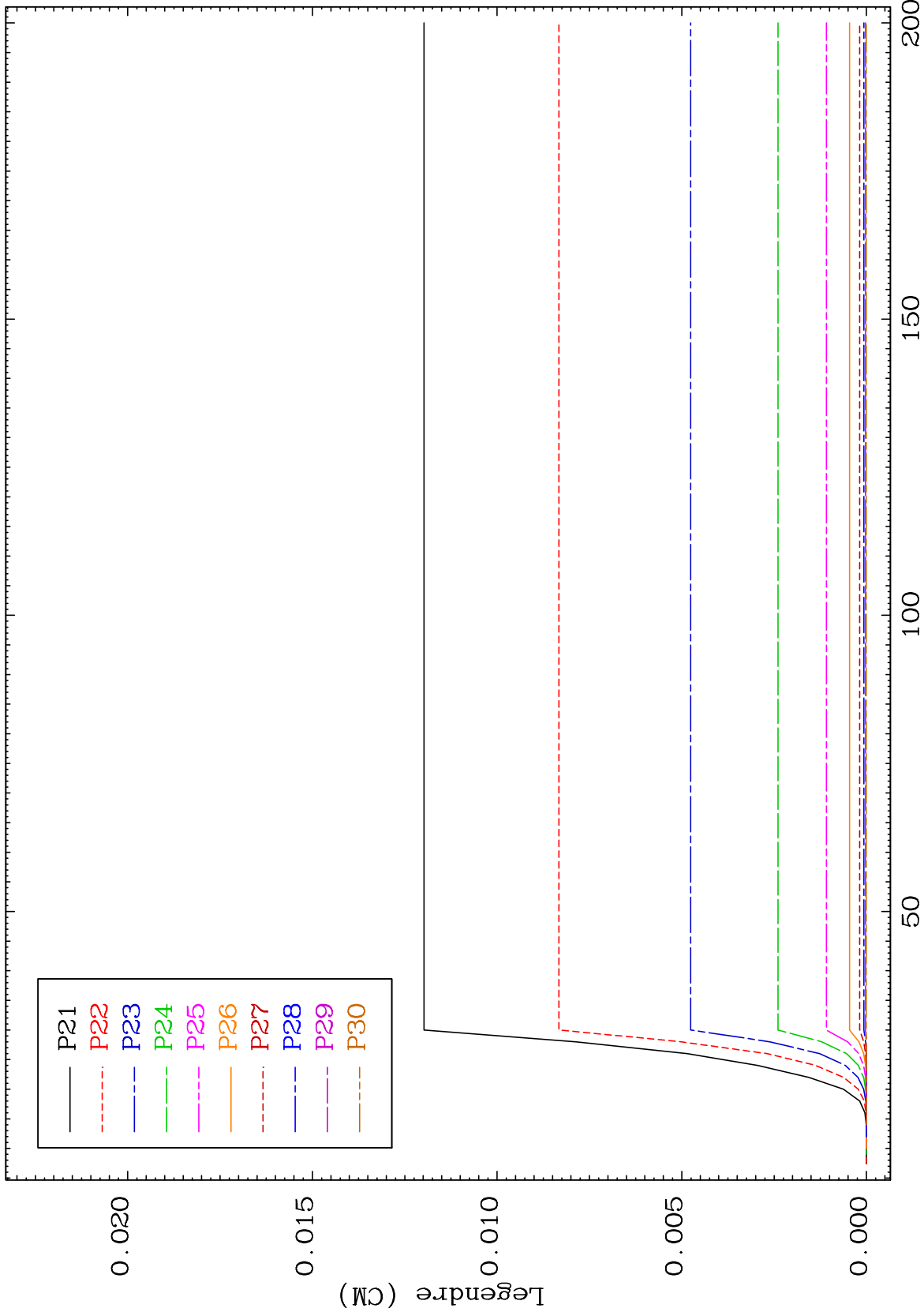


86-Rn-201

MAT 8595

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

86-Rn-201



81

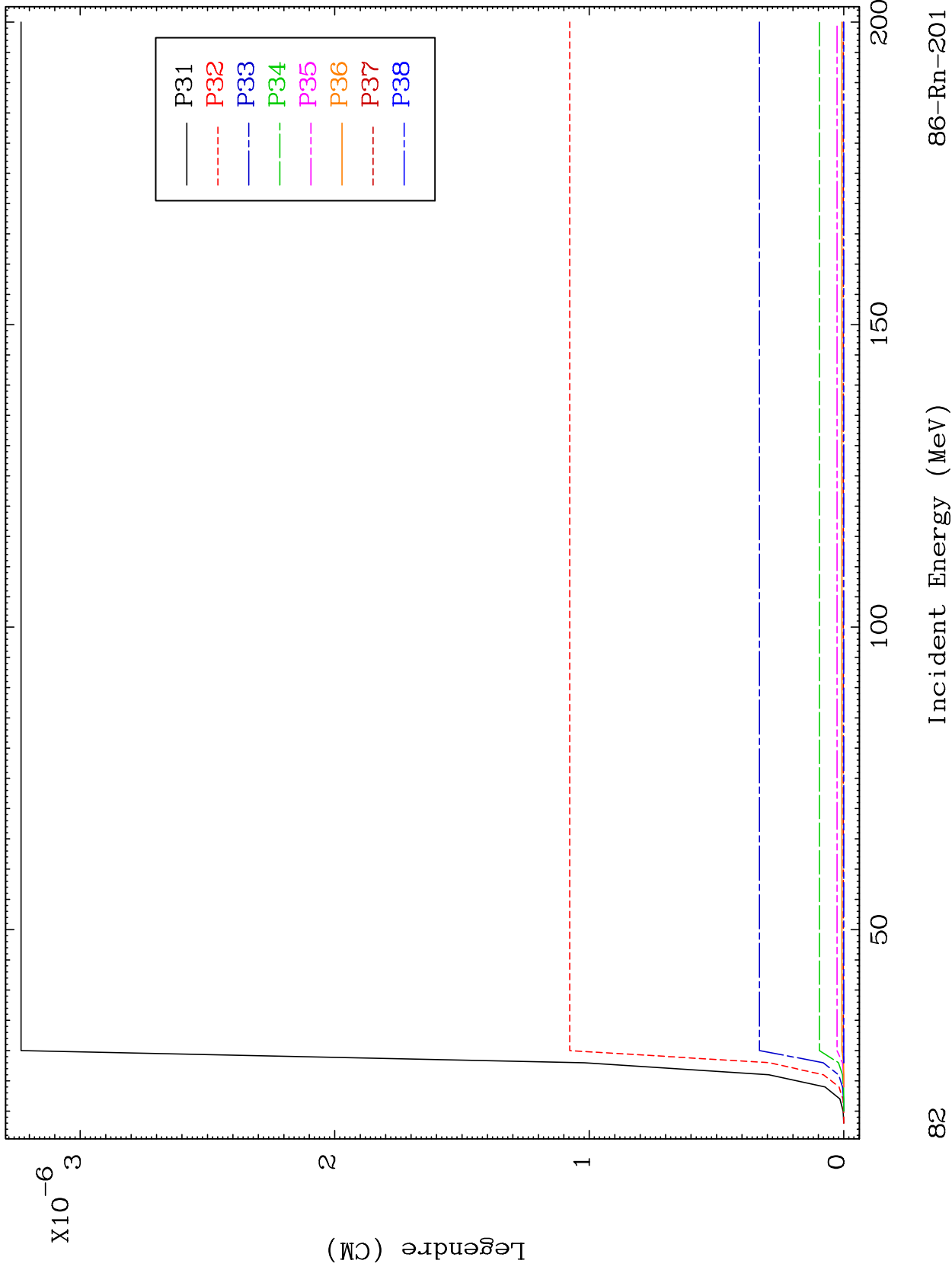
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



82

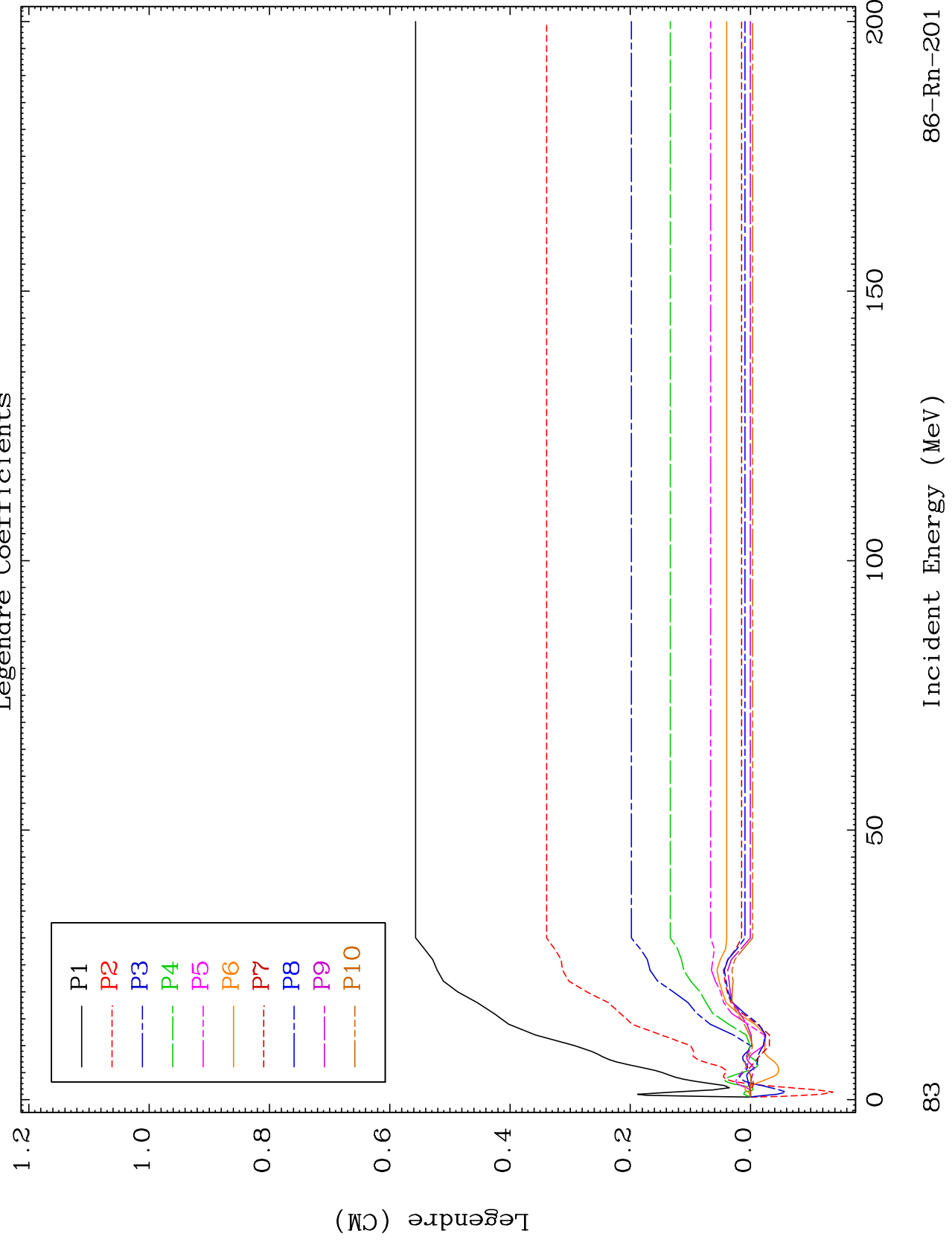
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



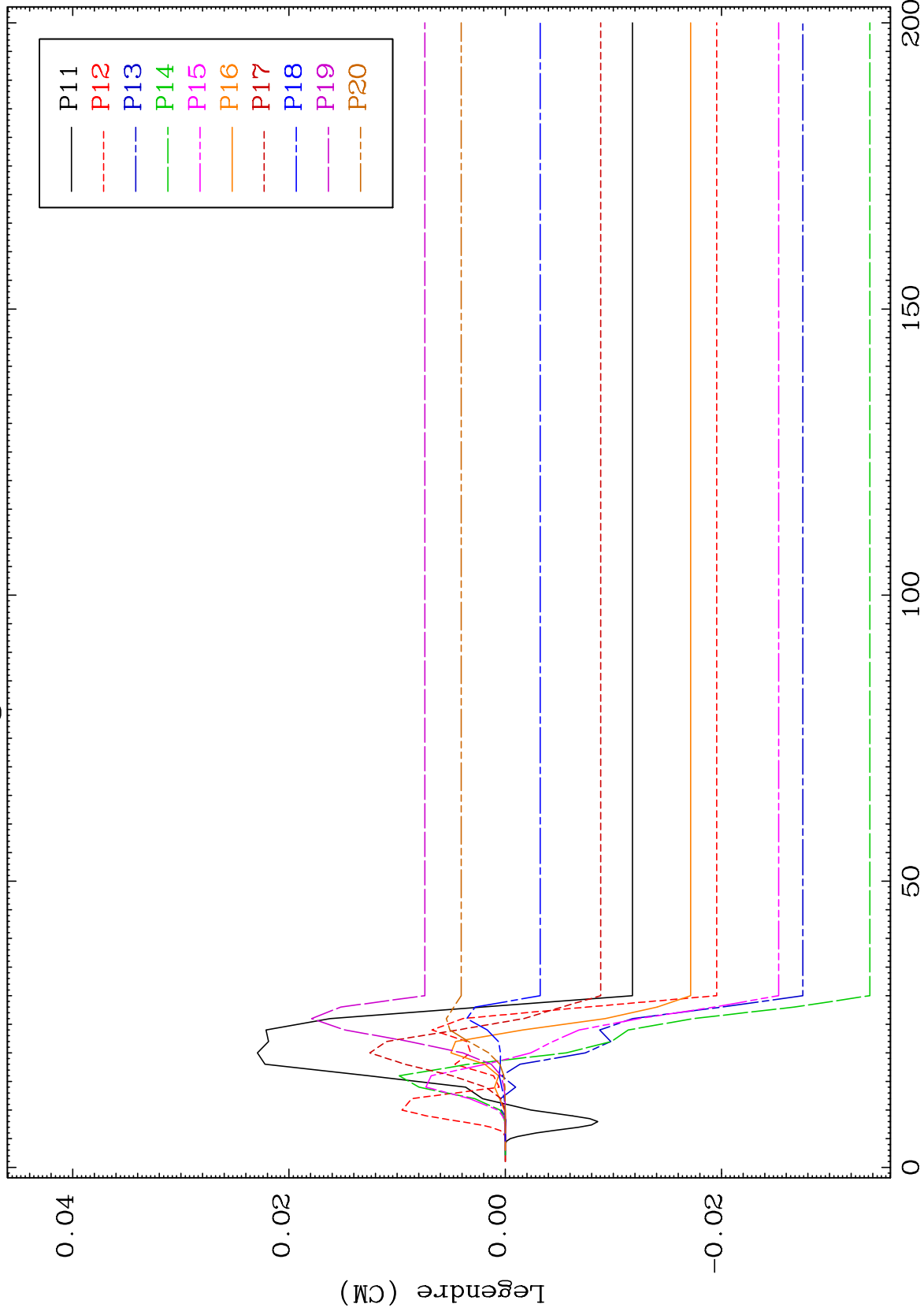
83

86-Rn-201

MAT 8595

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

86-Rn-201



84

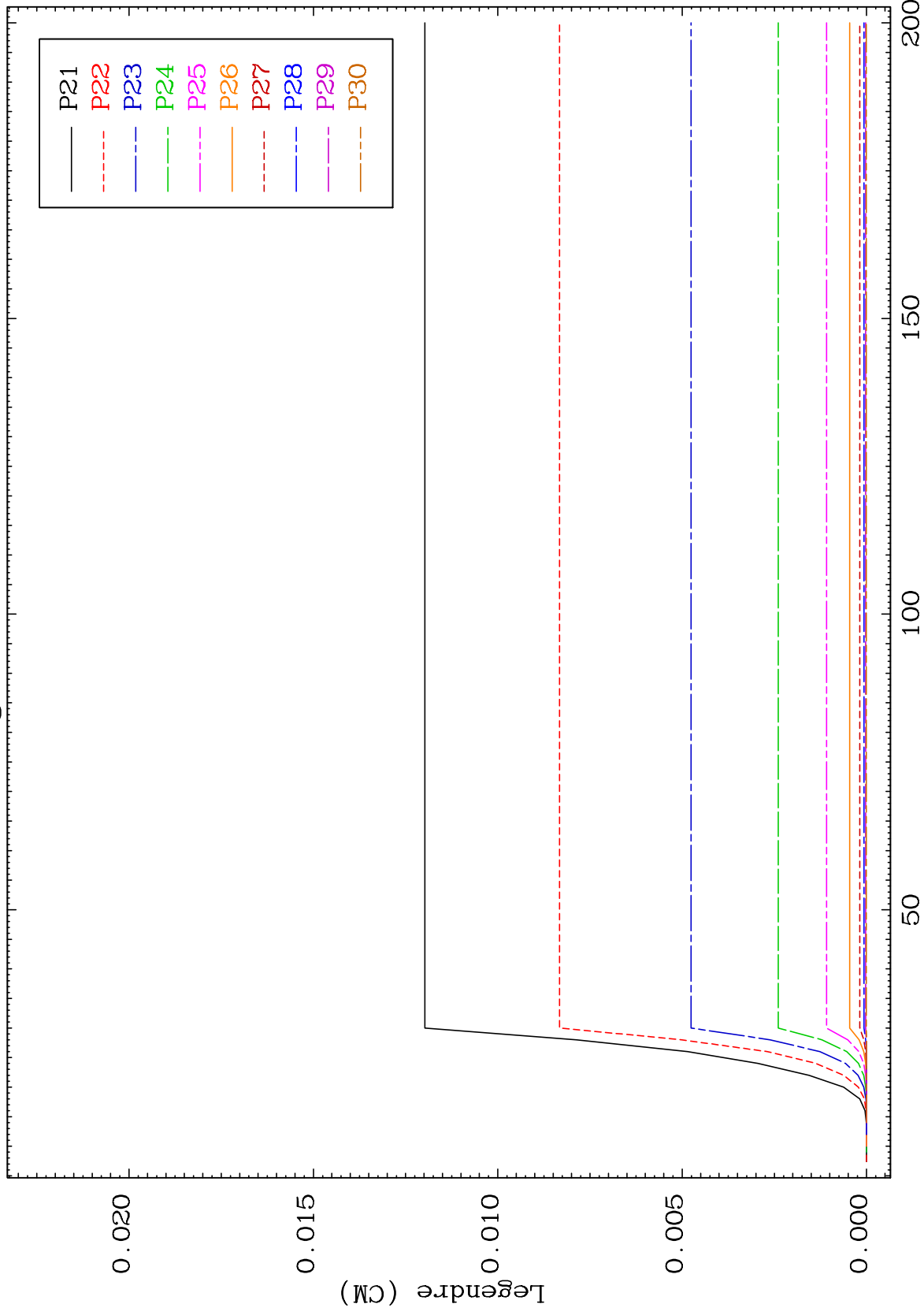
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



85

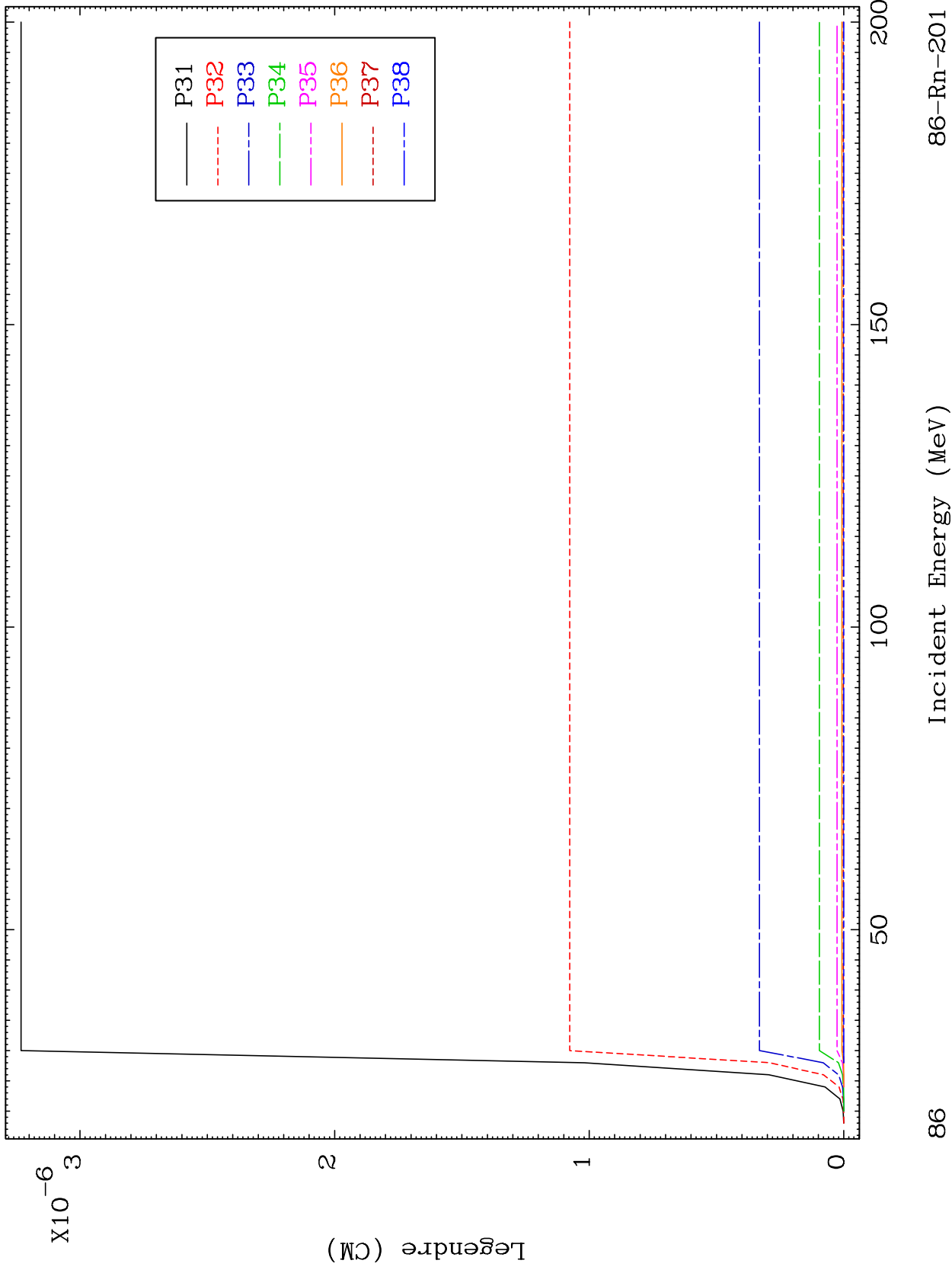
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

86-Rn-201



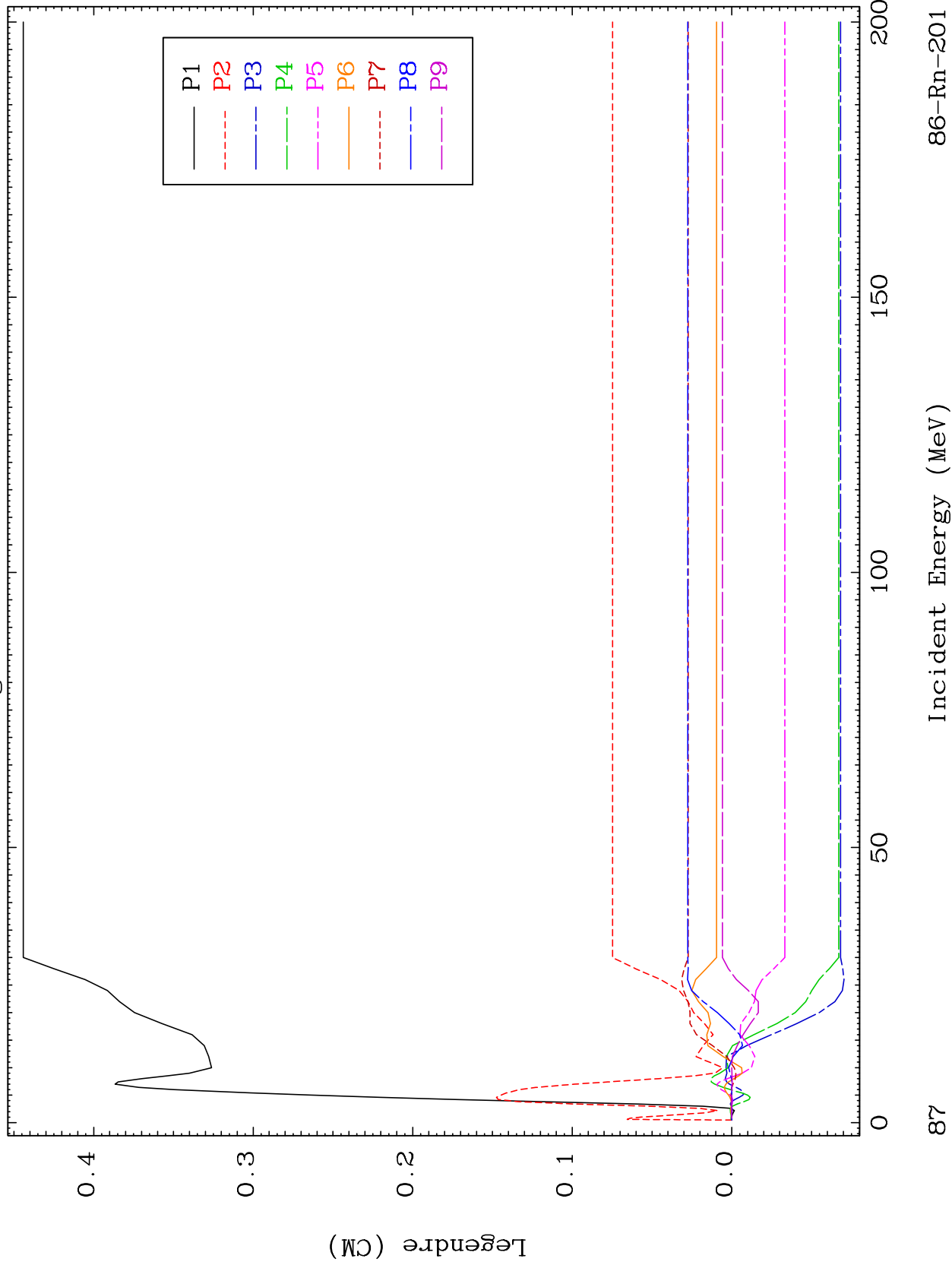
86

86-Rn-201

MAT 8595

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

86-Rn-201



86-Rn-201

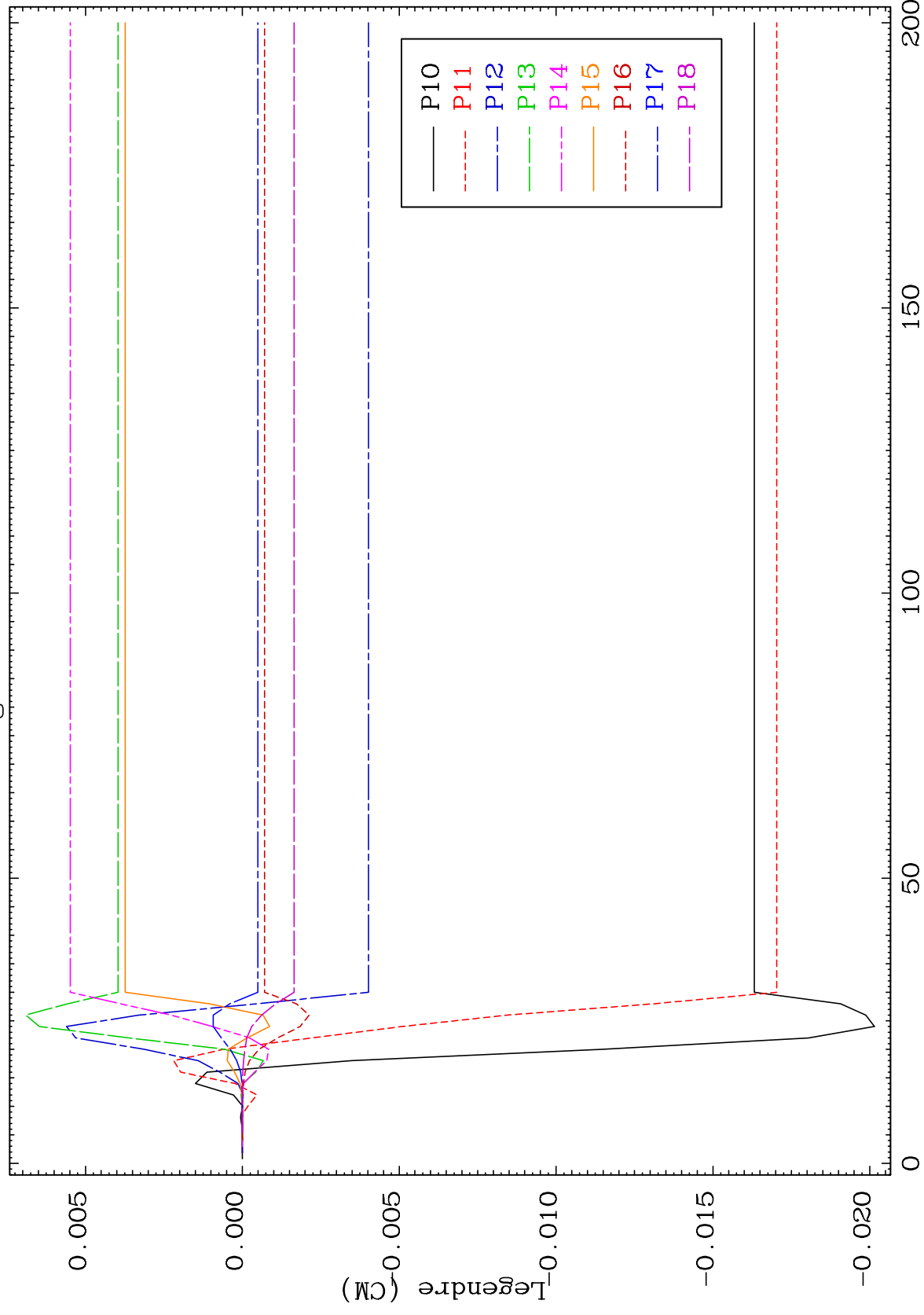
Incident Energy (MeV)

87

MAT 8595

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

86-Rn-201



88

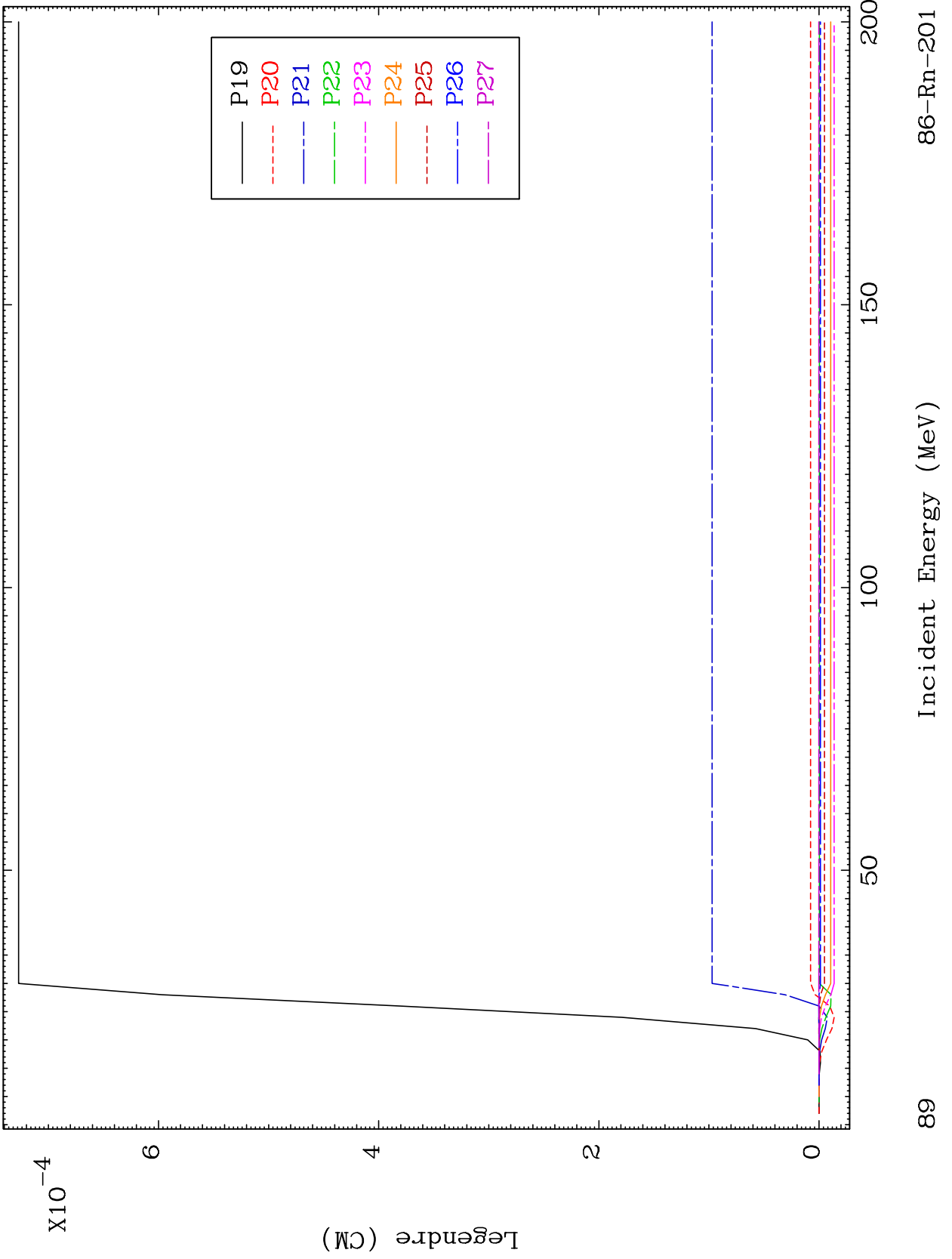
Incident Energy (MeV)

86-Rn-201

MAT 8595

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

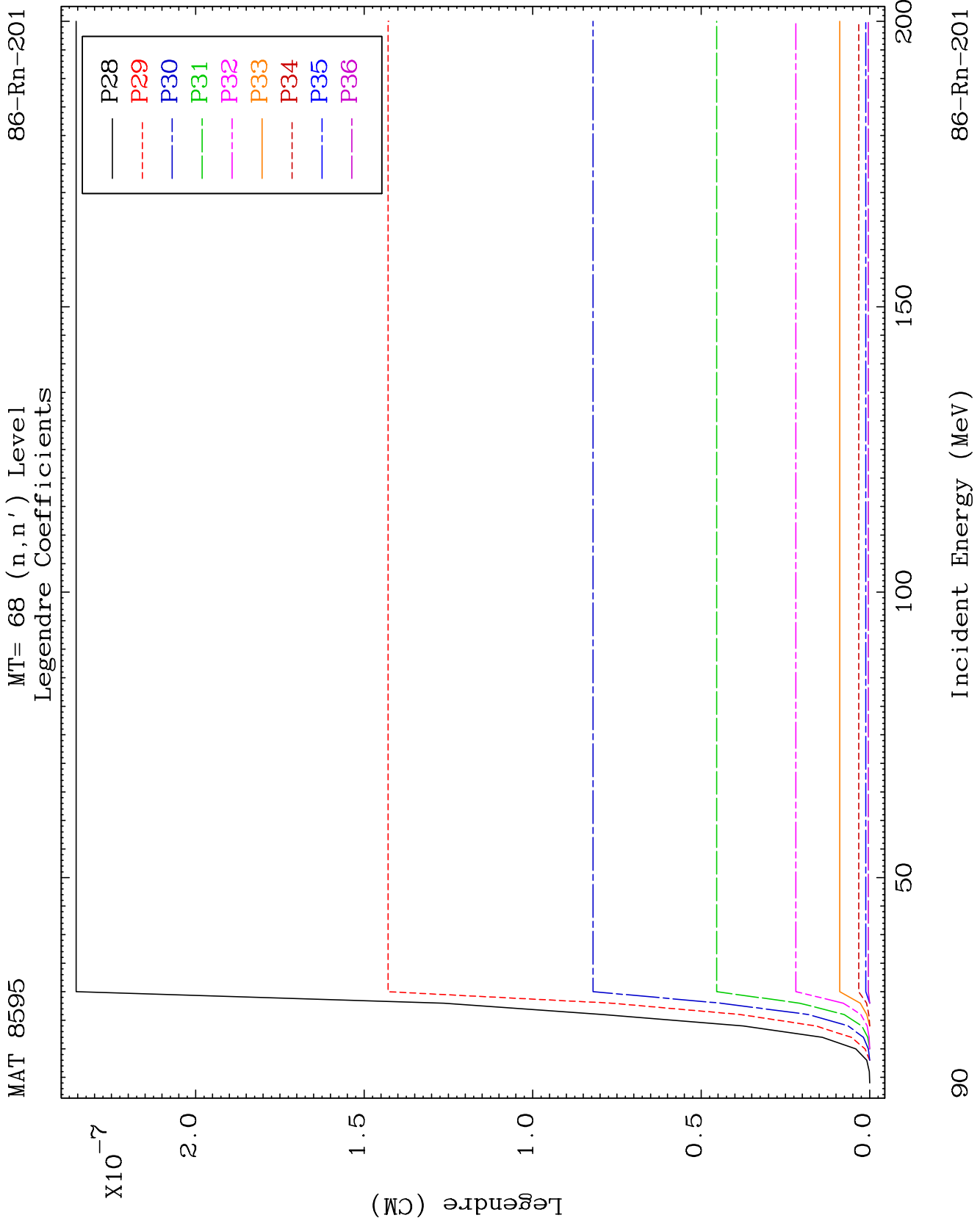
86-Rn-201



89

Incident Energy (MeV)

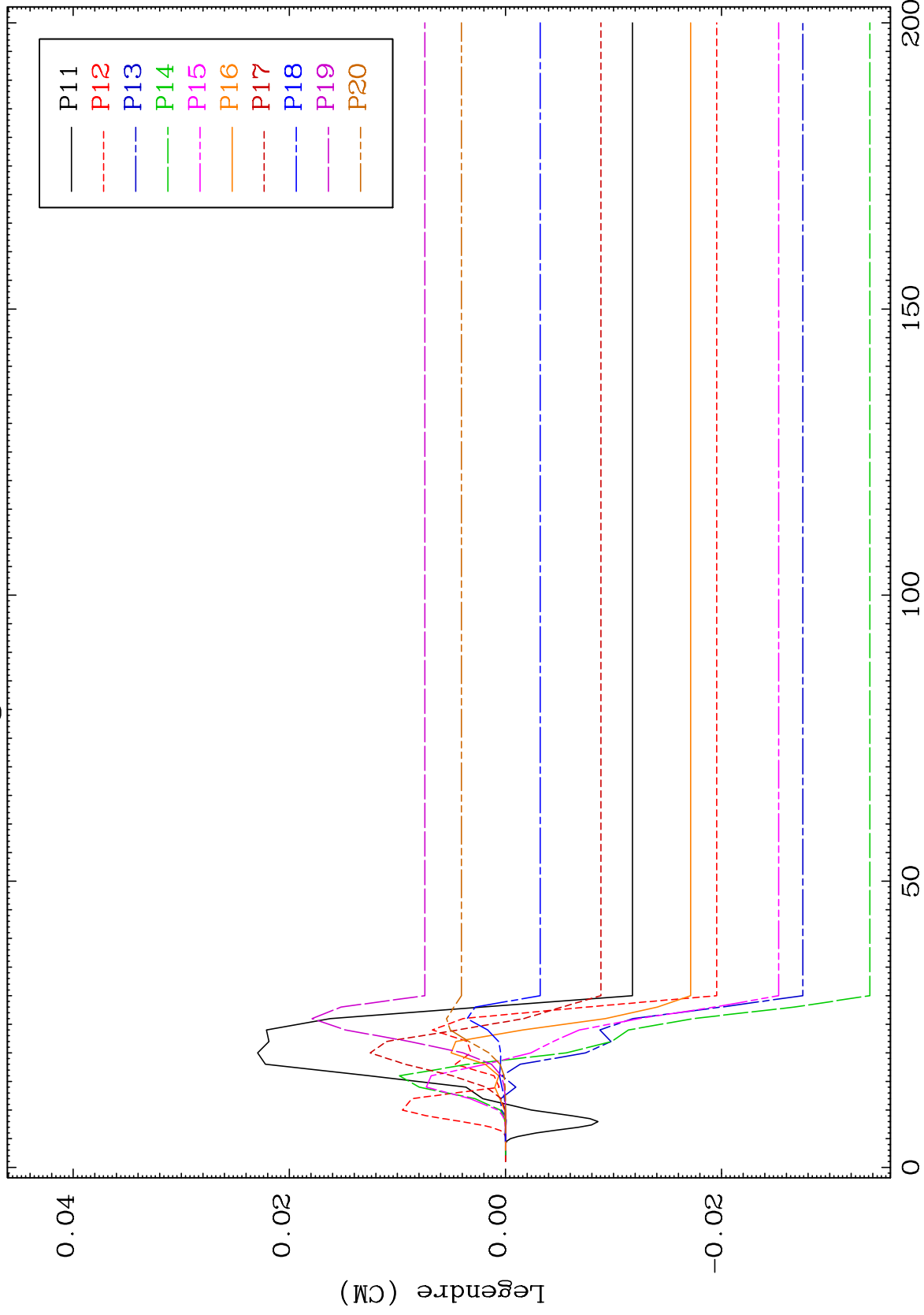
86-Rn-201



MAT 8595

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

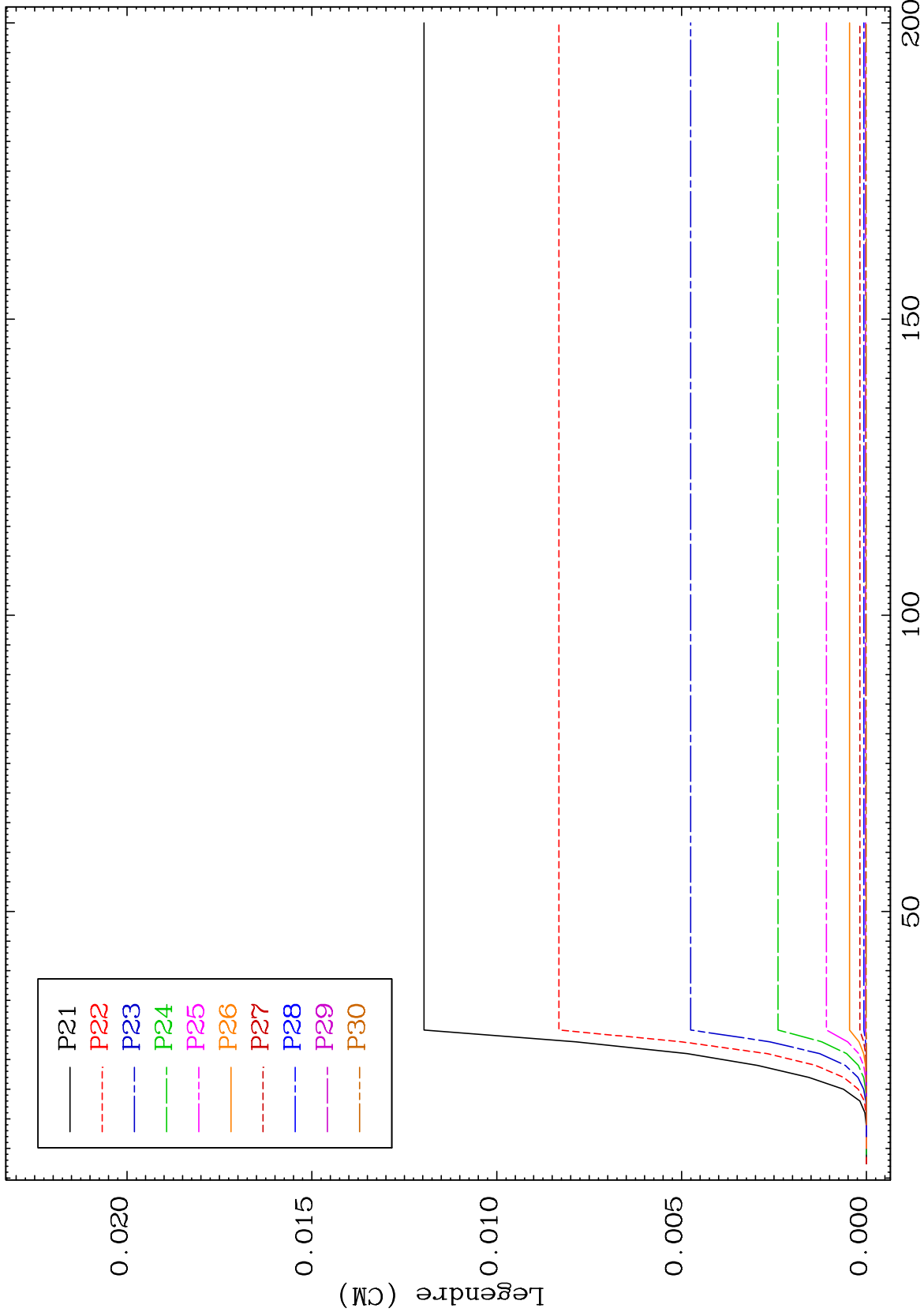
86-Rn-201



92

Incident Energy (MeV)

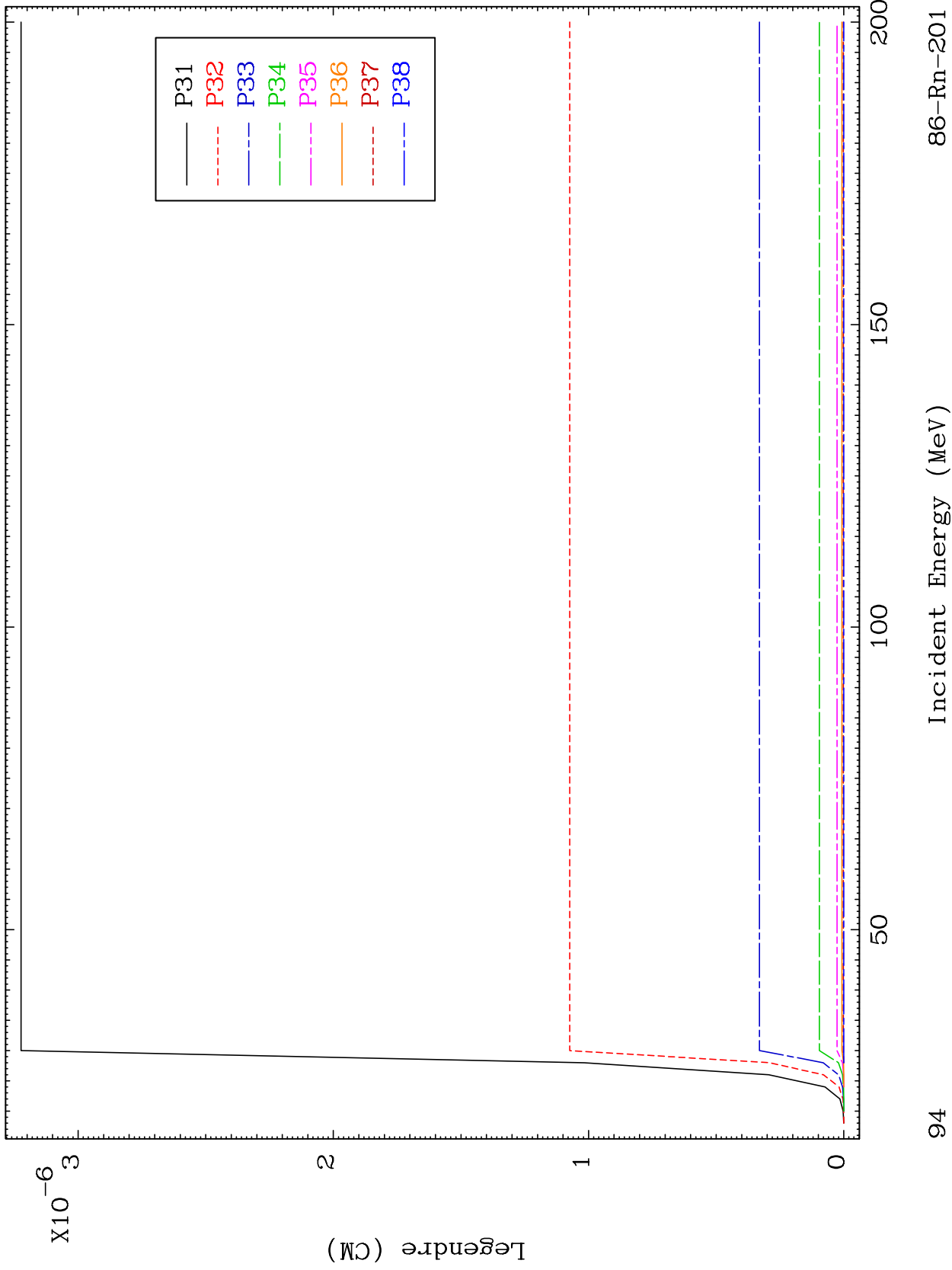
86-Rn-201



MAT 8595

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

86-Rn-201



94

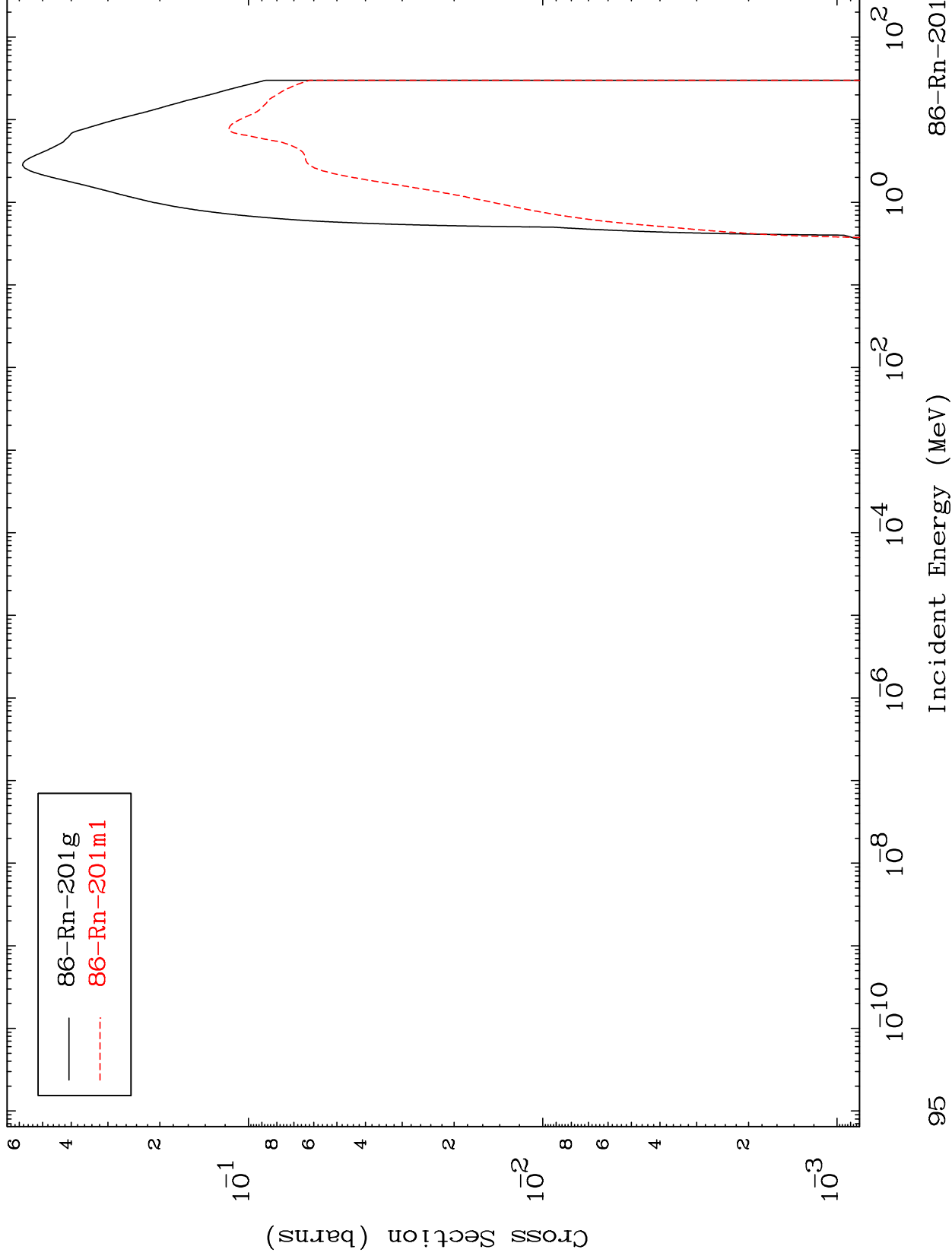
Incident Energy (MeV)

86-Rn-201

MAT 8595

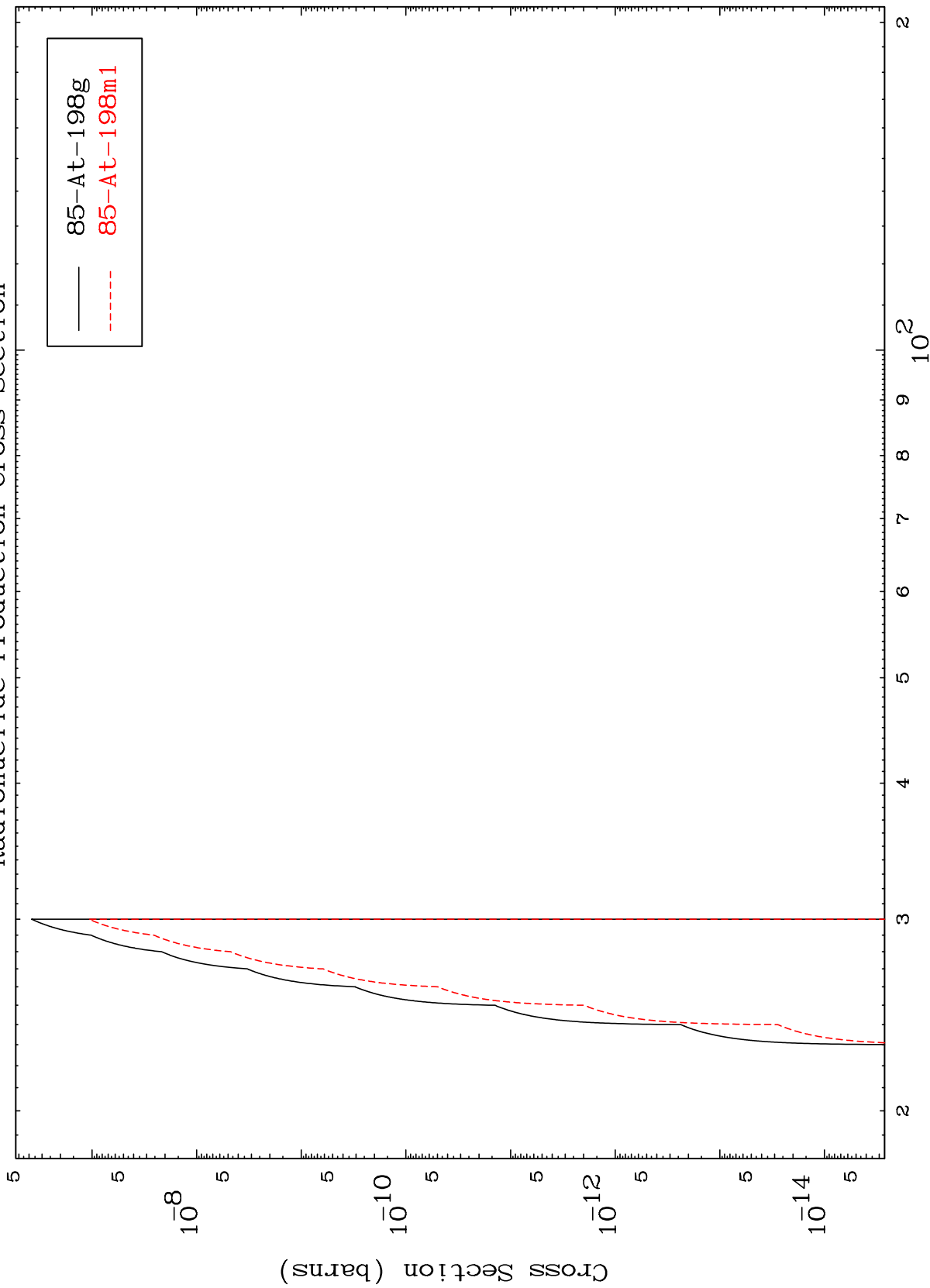
Inelastic
Radionuclide Production Cross Section

86-Rn-201



95

Radionuclide Production Cross Section

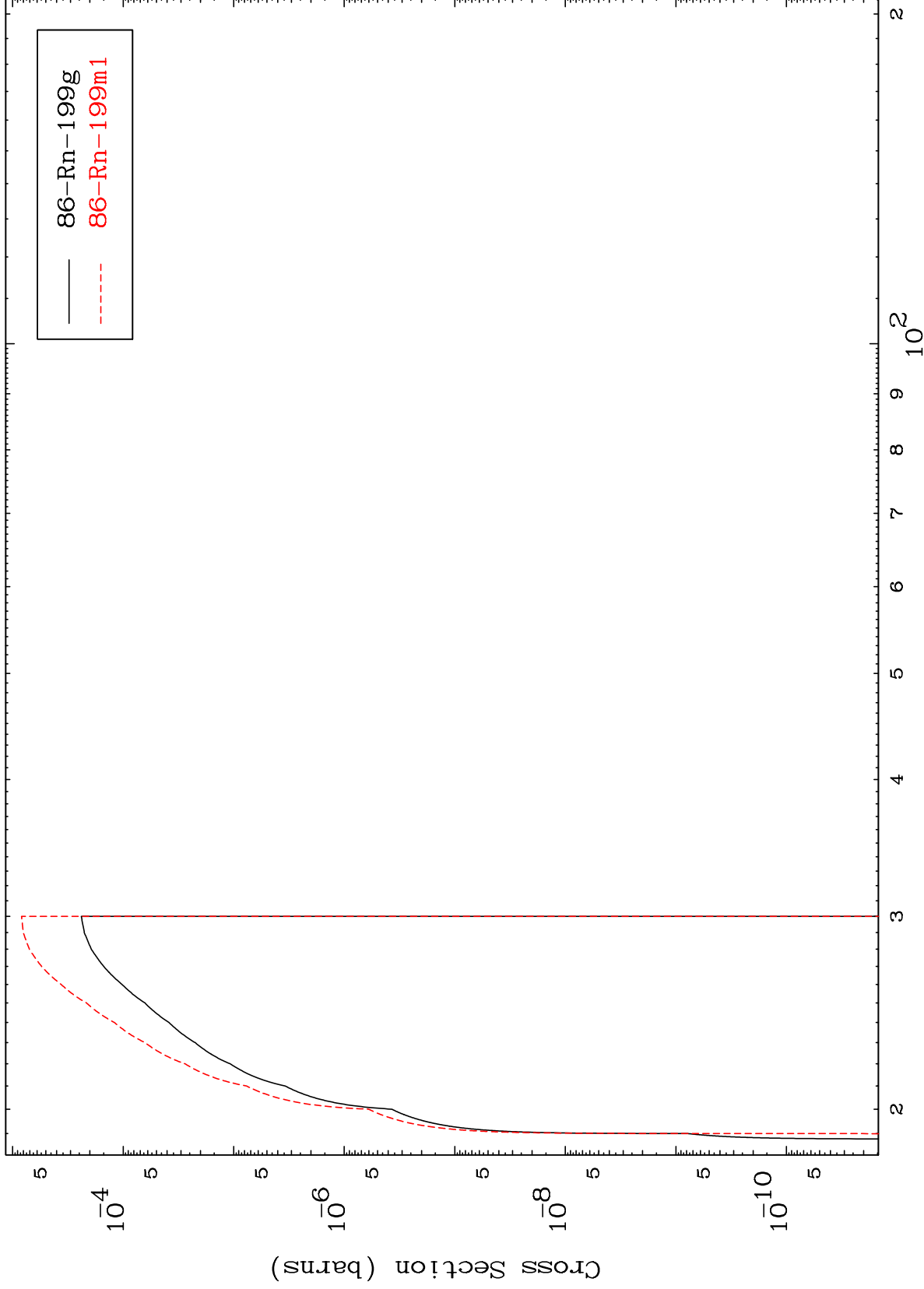


85-At-198g
85-At-198m1

MAT 8595

86-Rn-201

(n,3n)
Radionuclide Production Cross Section



97

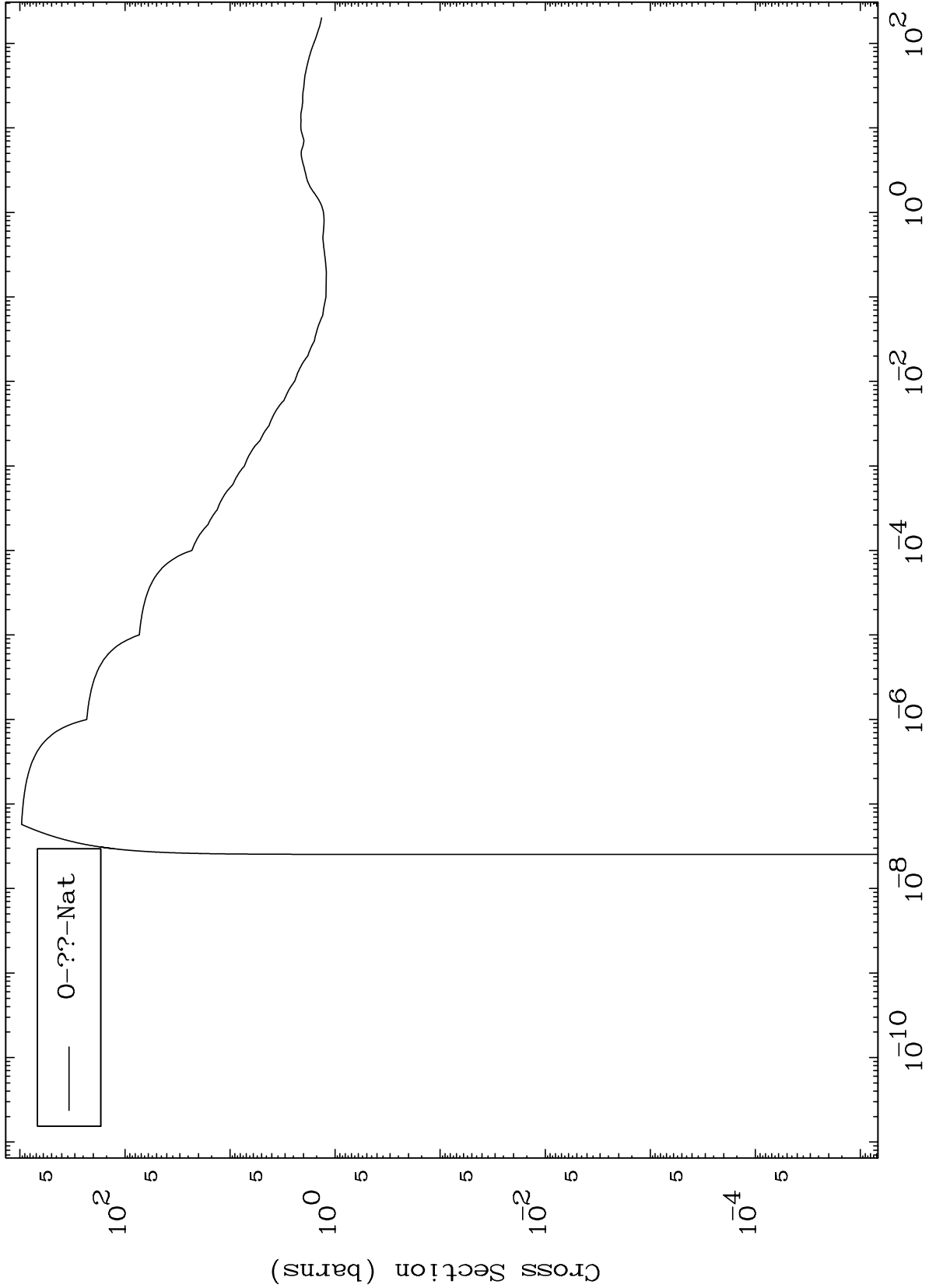
Incident Energy (MeV)

86-Rn-201

MAT 8595

86-Rn-201

Fission
Radionuclide Production Cross Section



98

86-Rn-201

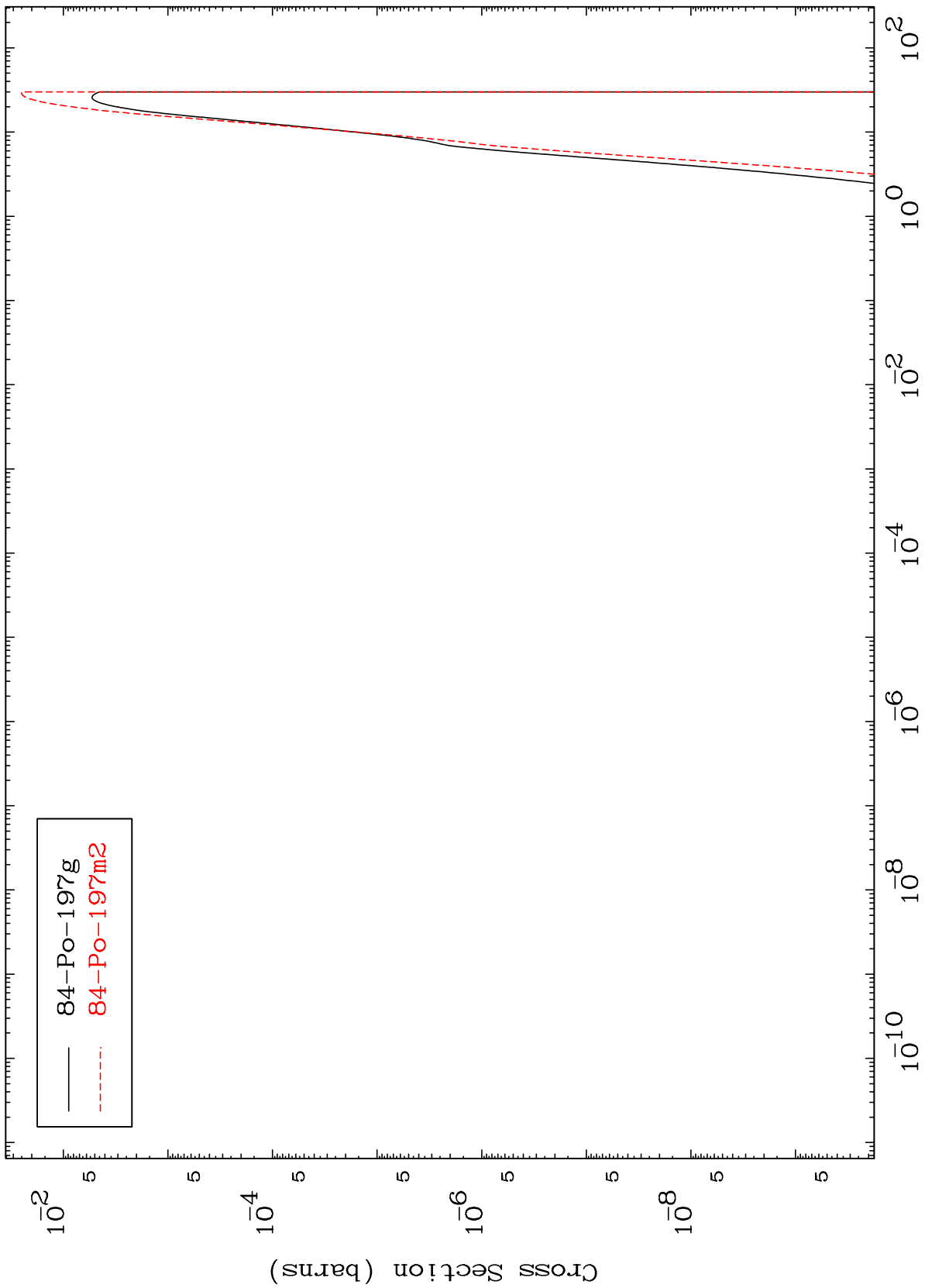
Incident Energy (MeV)

MAT 8595

$(n, n') \alpha$

86-Rn-201

Radionuclide Production Cross Section



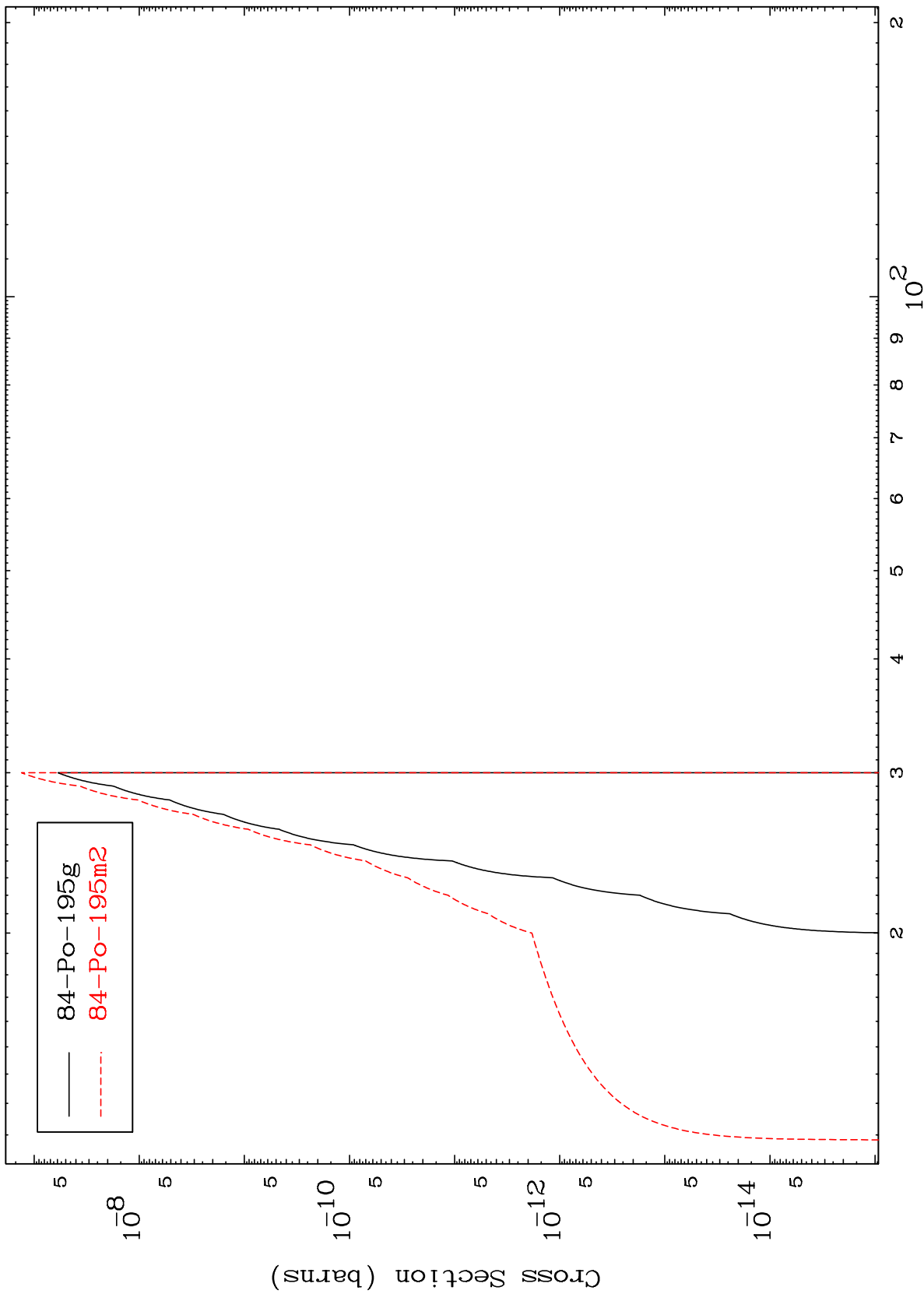
84-Po-197g
84-Po-197m2

MAT 8595

(n,3n) α

86-Rn-201

Radionuclide Production Cross Section



100

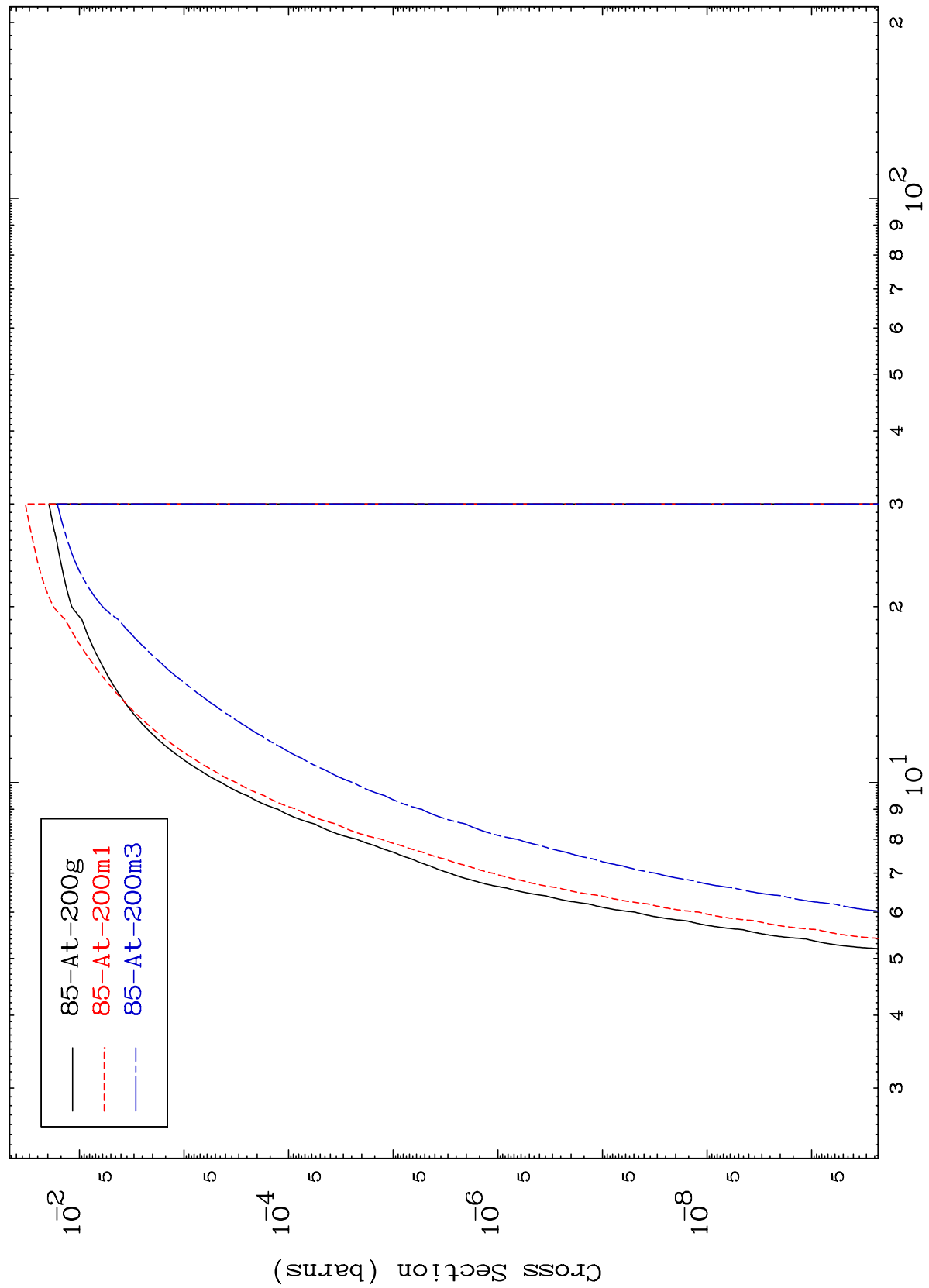
Incident Energy (MeV)

86-Rn-201

MAT 8595

86-Rn-201

(n,n') p
Radionuclide Production Cross Section



101

Incident Energy (MeV)

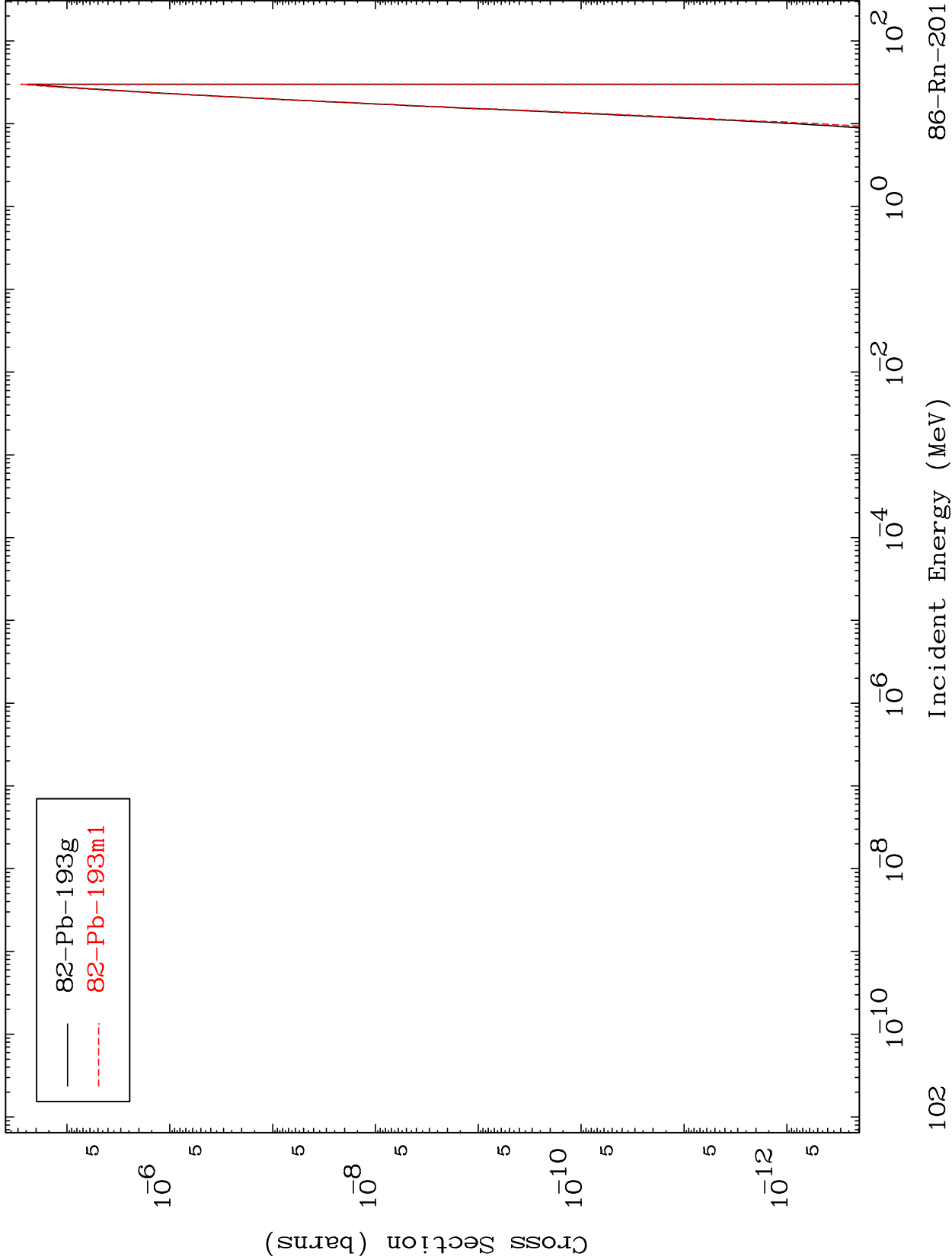
86-Rn-201

MAT 8595

(n,n') 2 α

86-Rn-201

Radionuclide Production Cross Section



102

Incident Energy (MeV)

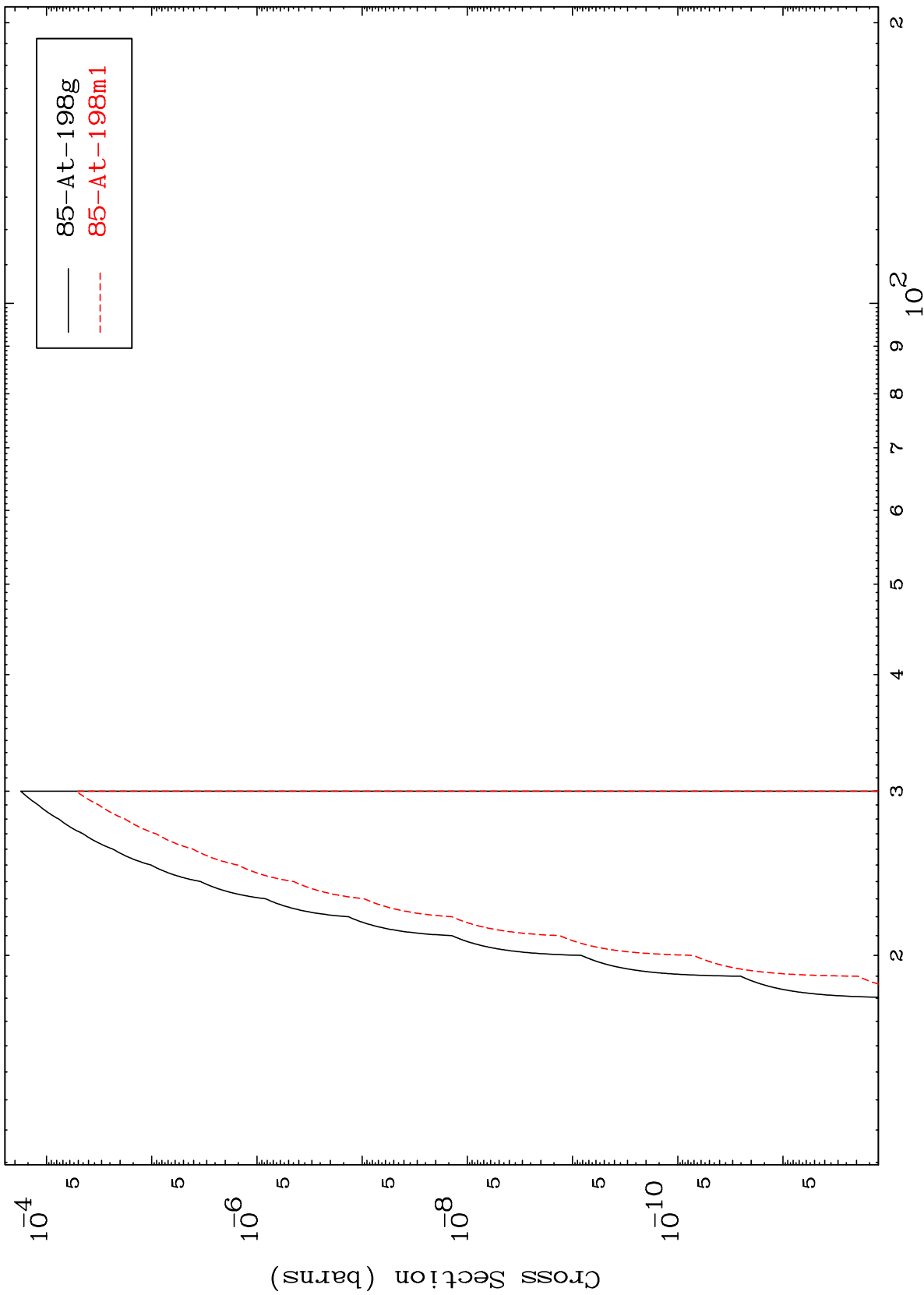
86-Rn-201

MAT 8595

(n,n') t

86-Rn-201

Radionuclide Production Cross Section



103

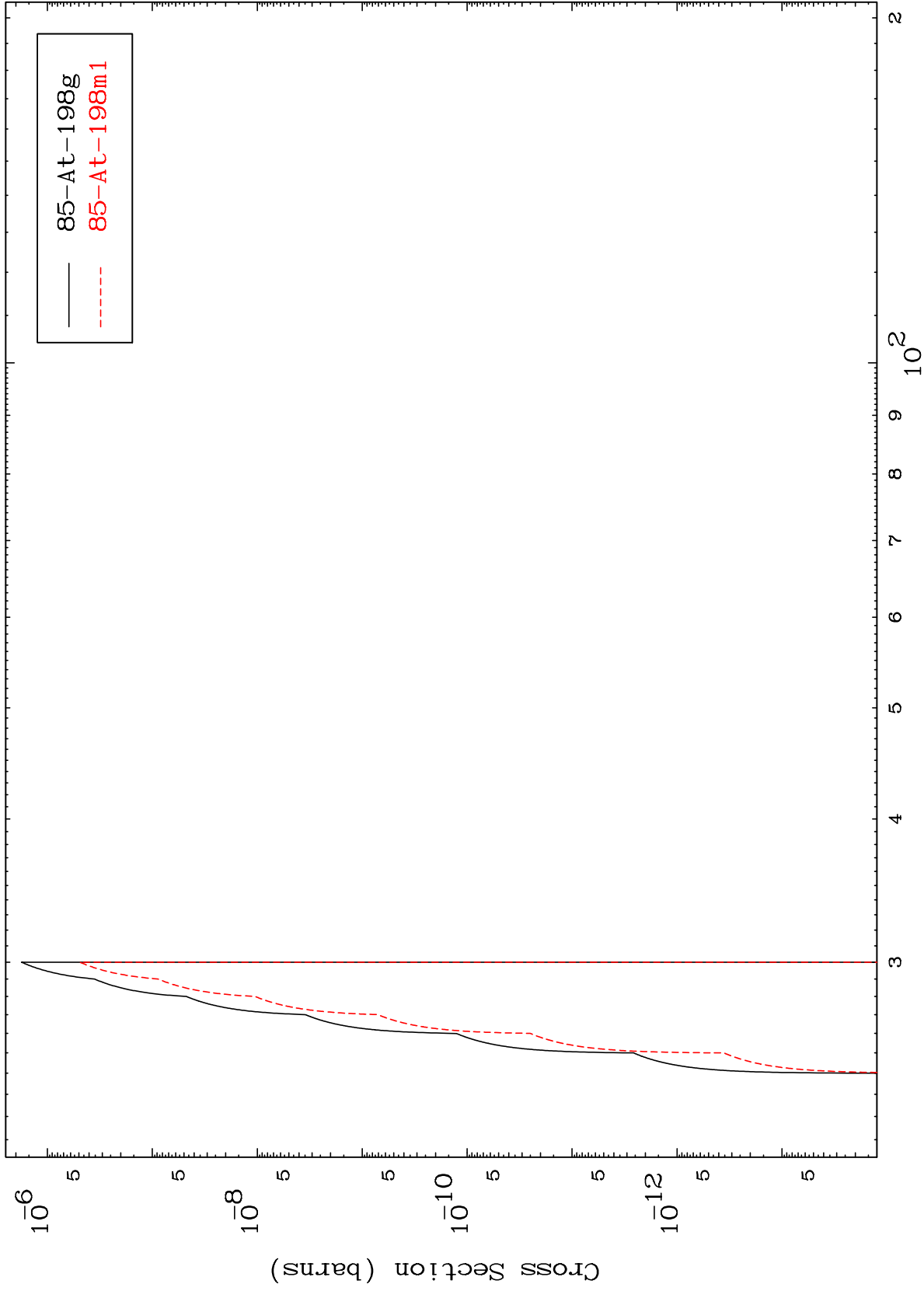
Incident Energy (MeV)

86-Rn-201

MAT 8595

86-Rn-201

(n,3n) p
Radionuclide Production Cross Section



104

86-Rn-201

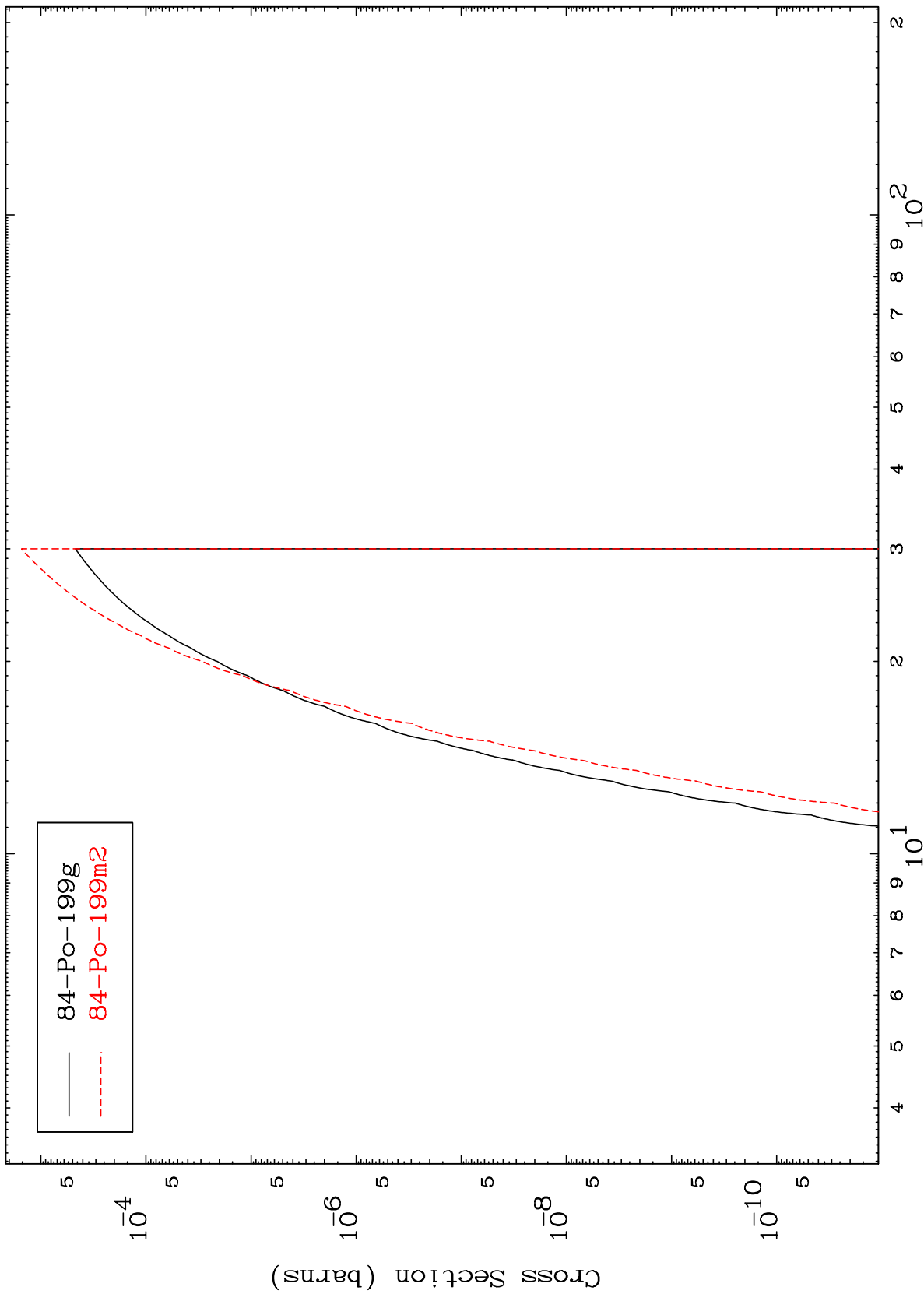
Incident Energy (MeV)

MAT 8595

(n,2n) p

86-Rn-201

Radionuclide Production Cross Section



105

Incident Energy (MeV)

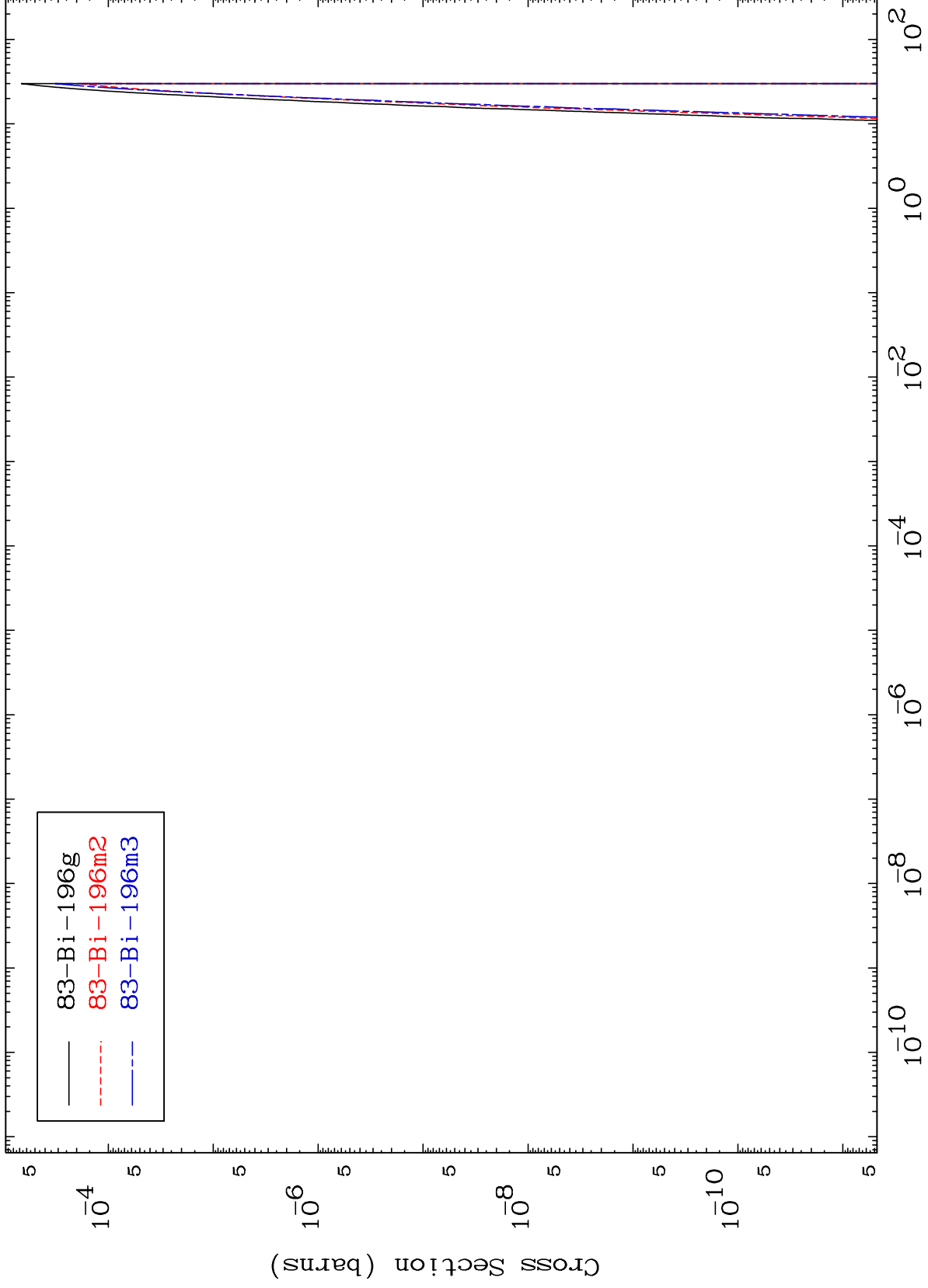
86-Rn-201

MAT 8595

(n,n') p α

86-Rn-201

Radionuclide Production Cross Section



106

Incident Energy (MeV)

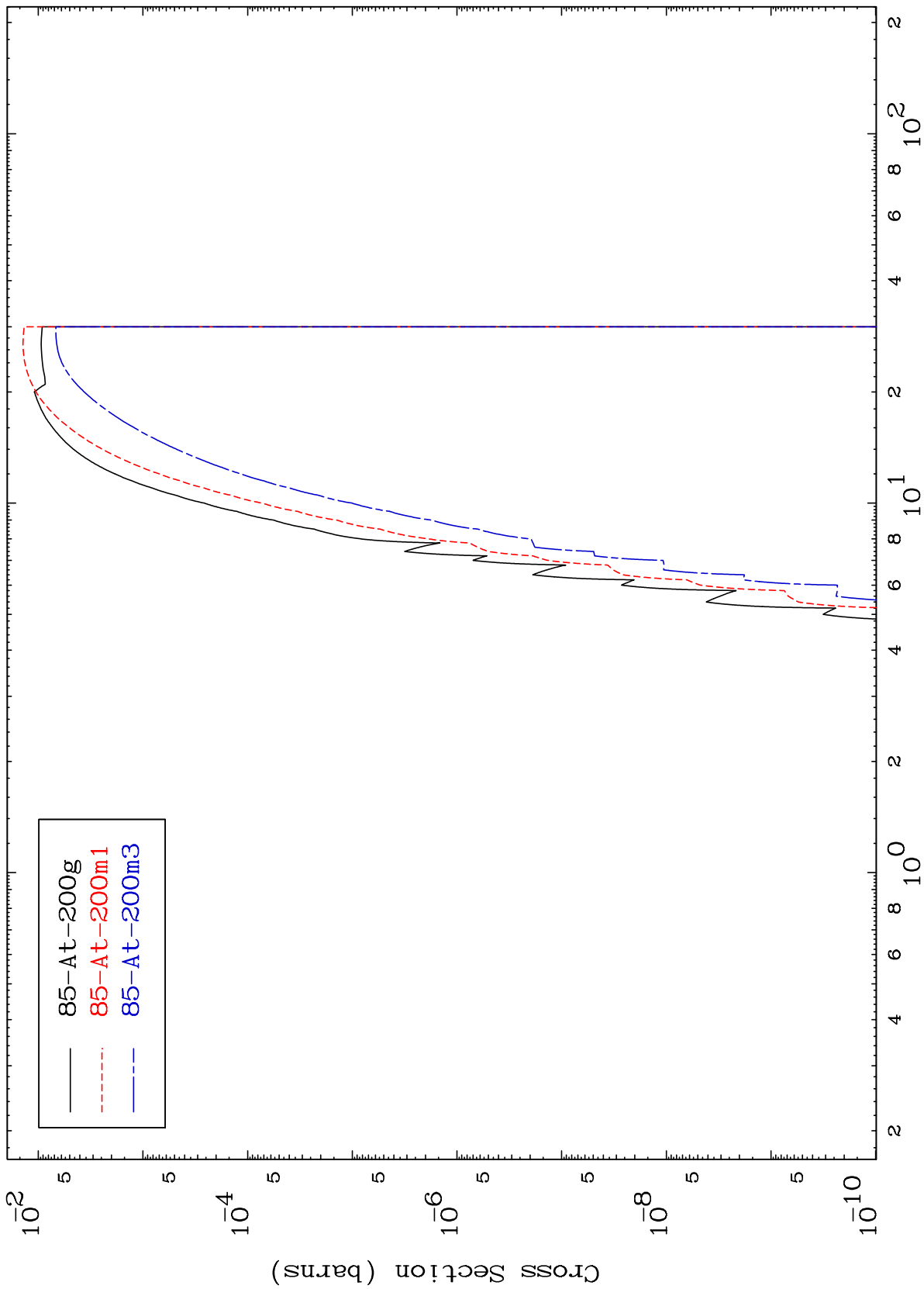
86-Rn-201

MAT 8595

(n,d)

86-Rn-201

Radionuclide Production Cross Section



107

Incident Energy (MeV)

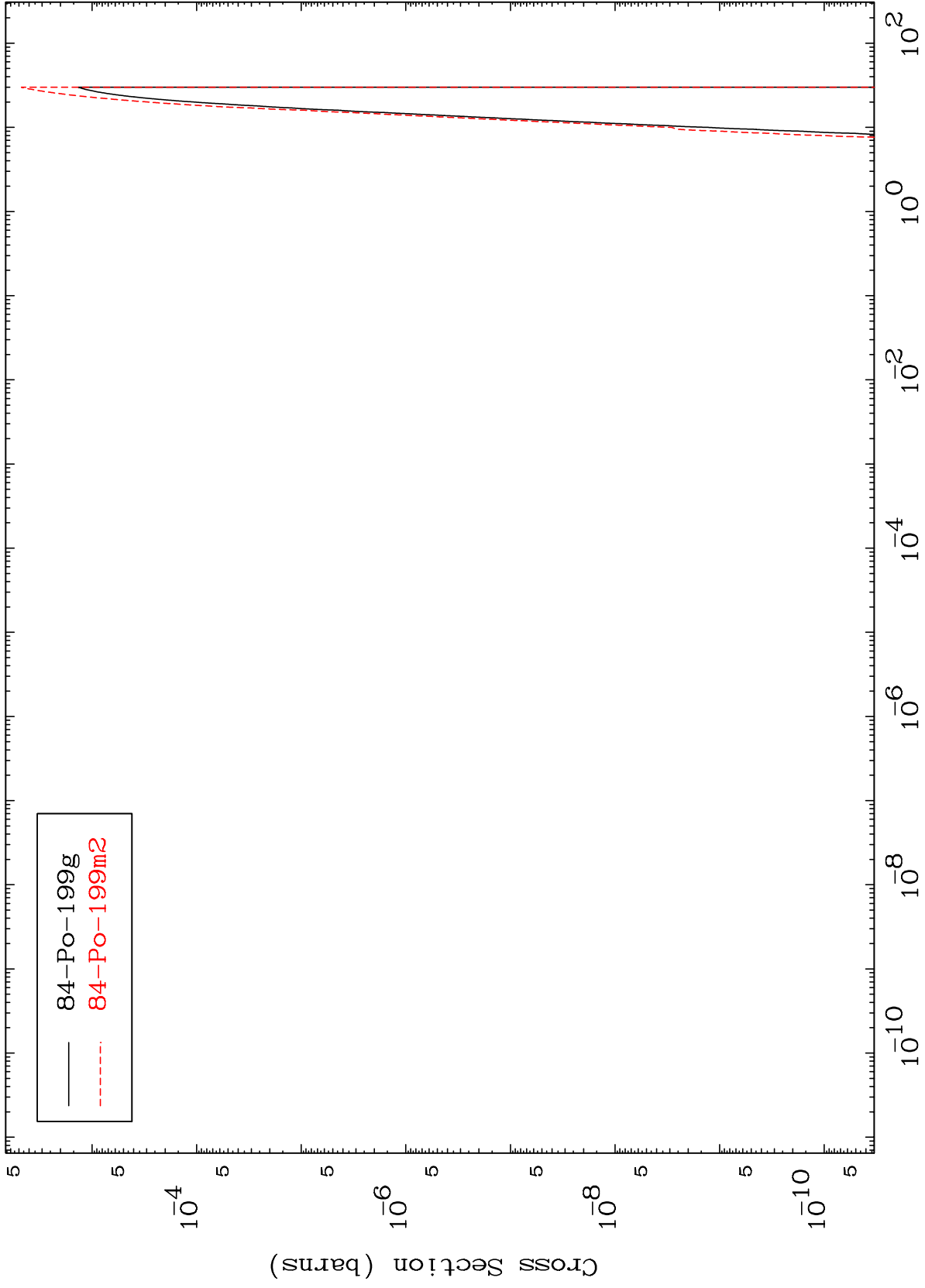
86-Rn-201

MAT 8595

(n,He-3)

86-Rn-201

Radionuclide Production Cross Section



108

Incident Energy (MeV)

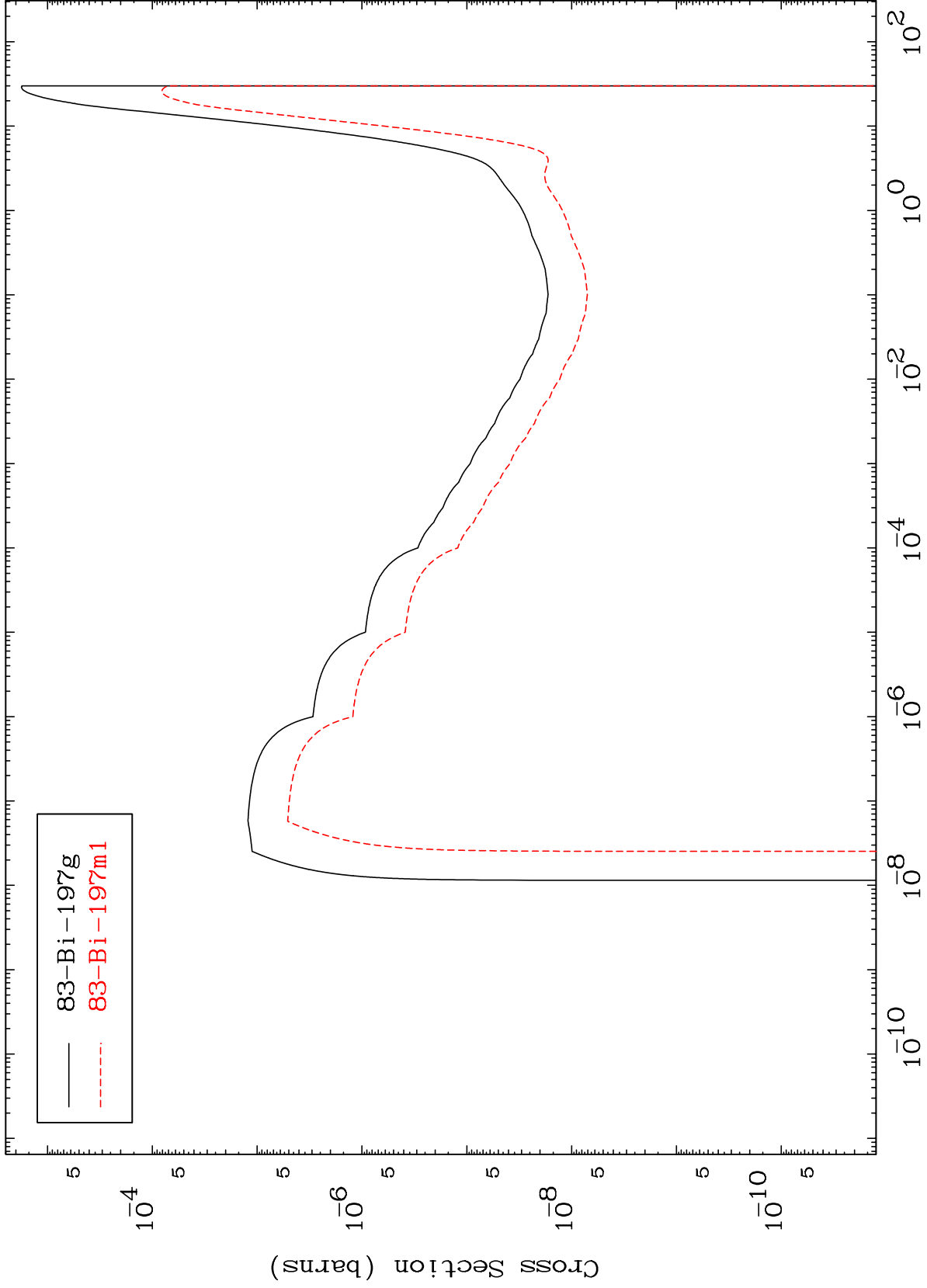
86-Rn-201

MAT 8595

(n,p) α

86-Rn-201

Radionuclide Production Cross Section



109

Incident Energy (MeV)

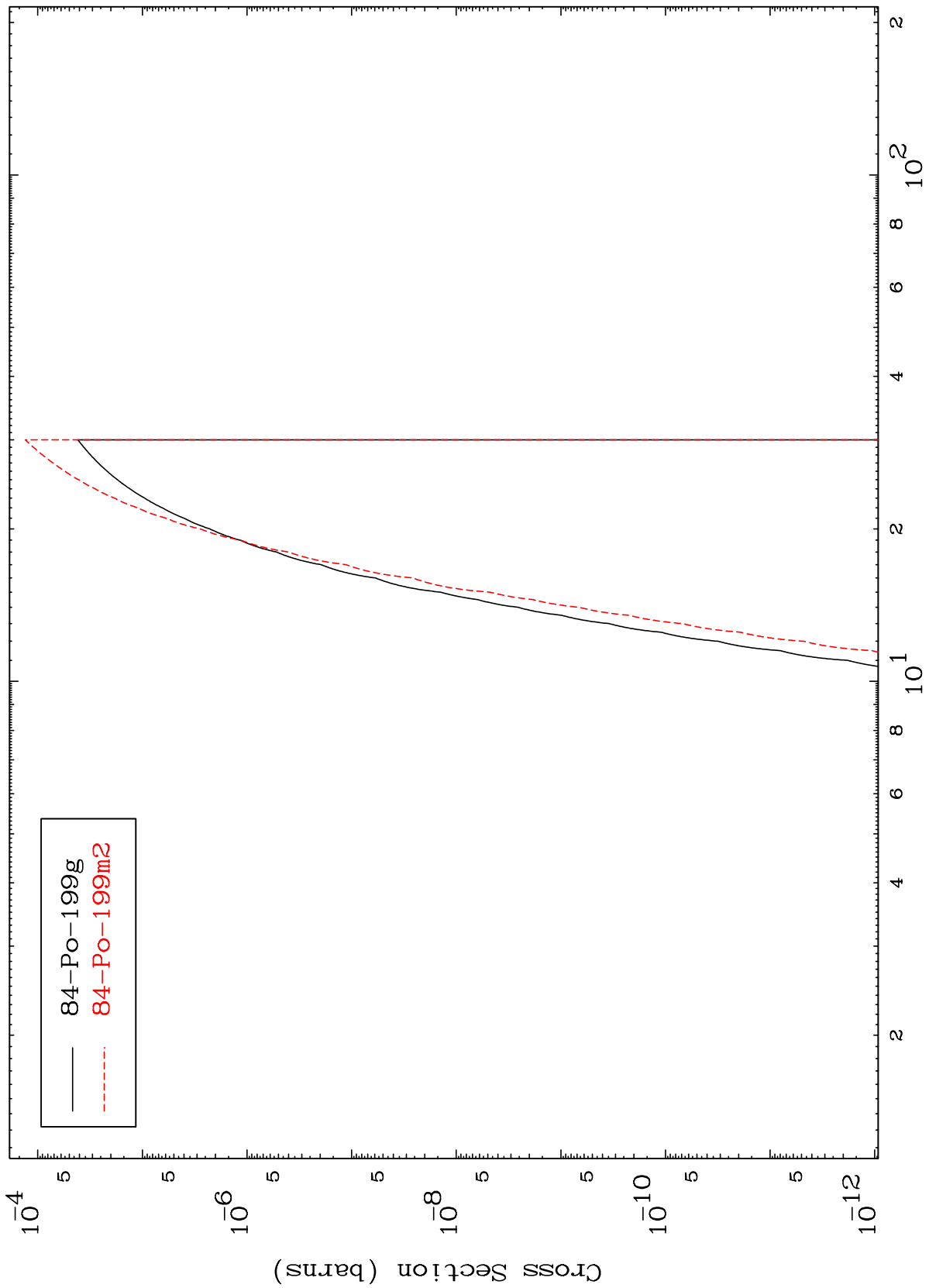
86-Rn-201

MAT 8595

(n,p) d

86-Rn-201

Radionuclide Production Cross Section



110

Incident Energy (MeV)

86-Rn-201

MAT 8595

(n,d) α

86-Rn-201

Radionuclide Production Cross Section

