

Program EVALPLOT
(Version 2015-2)

by

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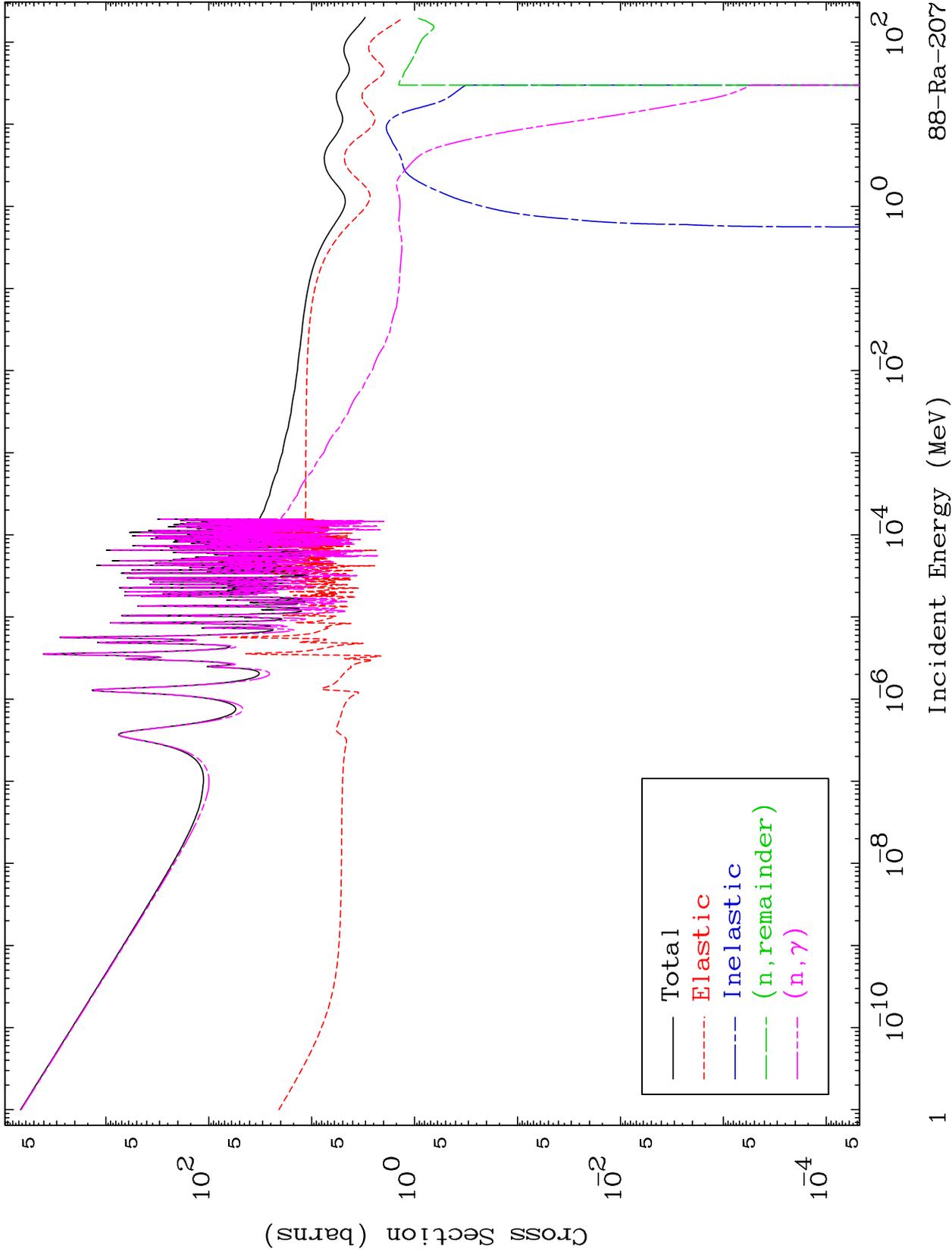
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8777

Major
293 Kelvin Cross Sections

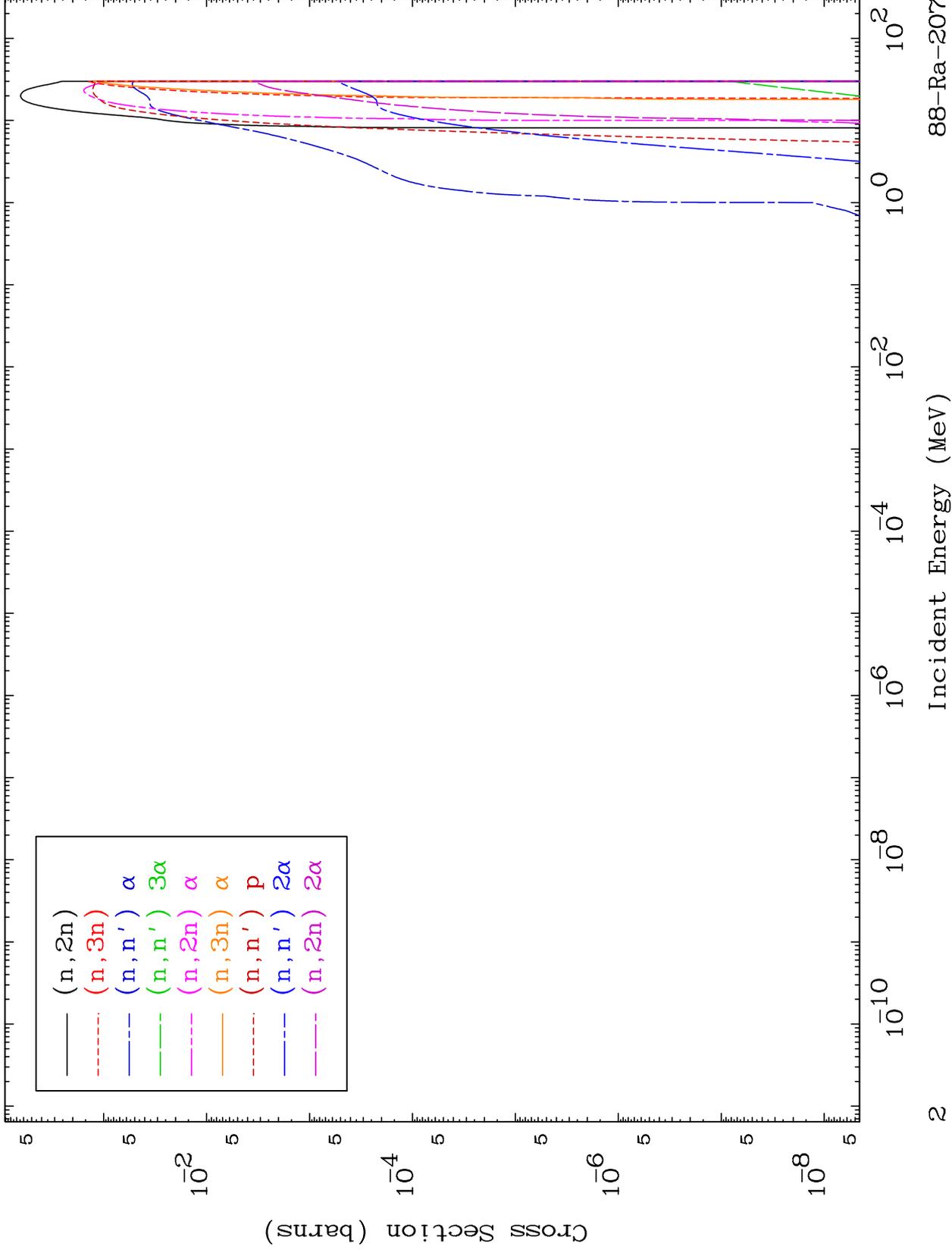
88-Ra-207



MAT 8777

Neutron Production
293 Kelvin Cross Sections

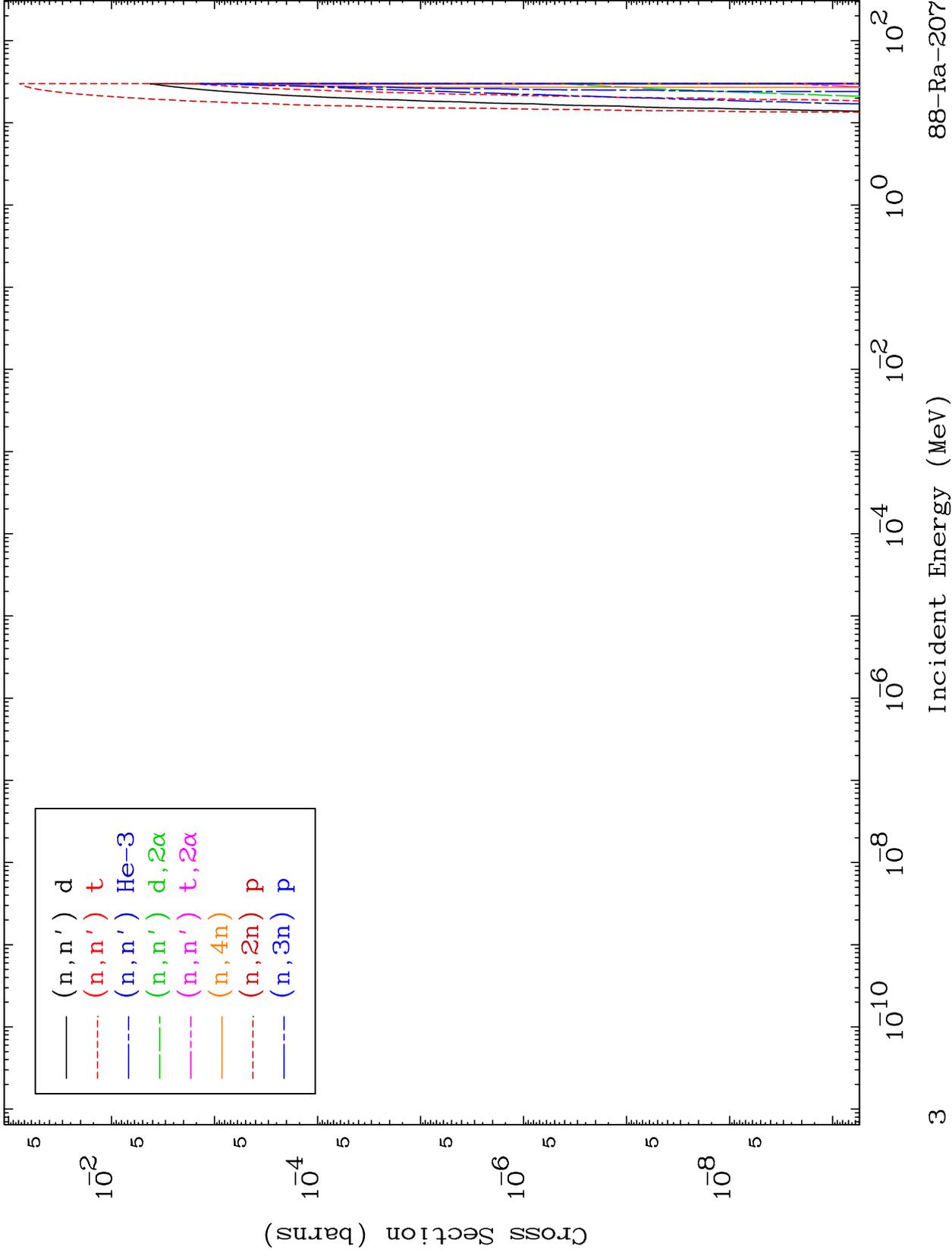
88-Ra-207



MAT 8777

Neutron Production
293 Kelvin Cross Sections

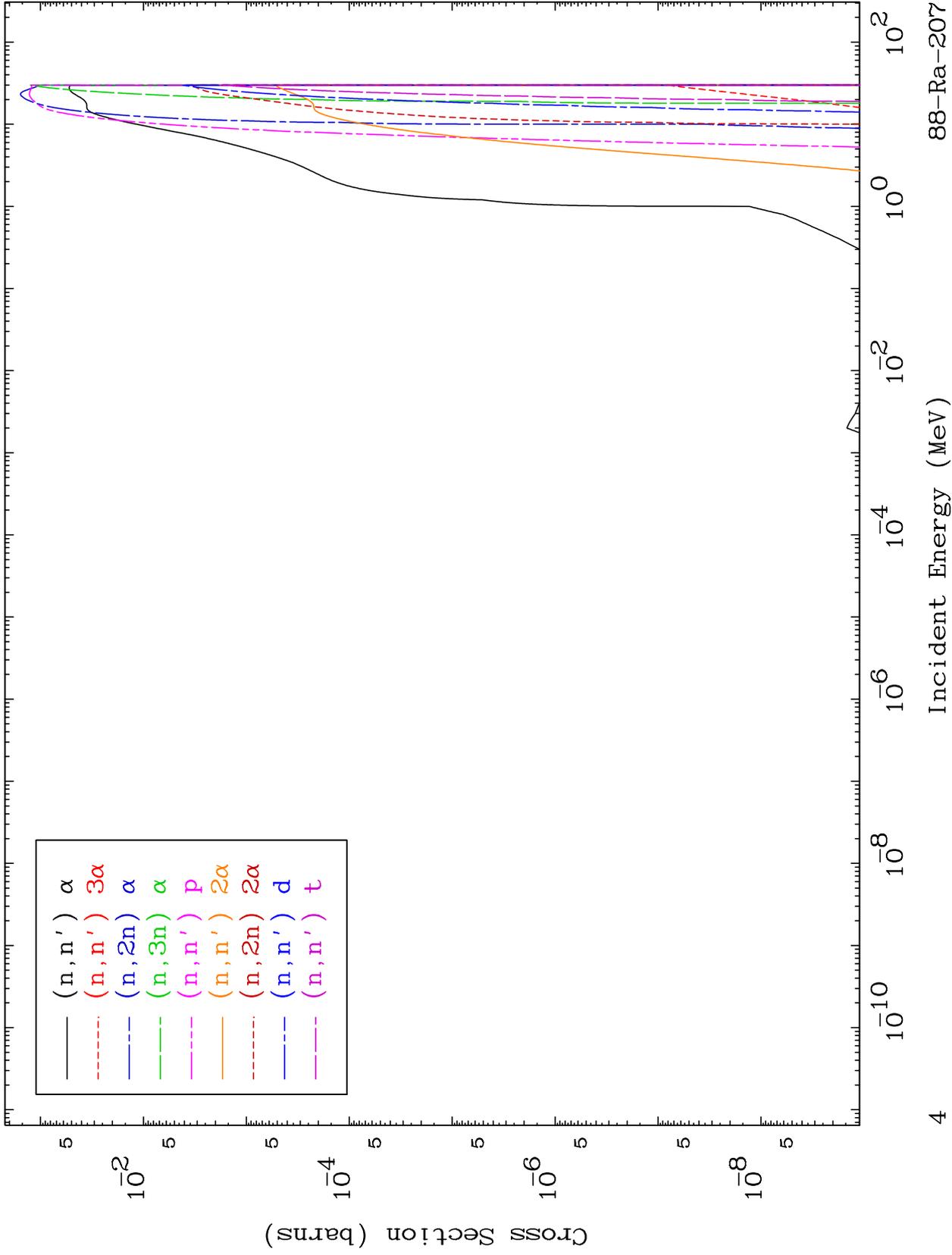
88-Ra-207



MAT 8777

Charged Particle
293 Kelvin Cross Sections

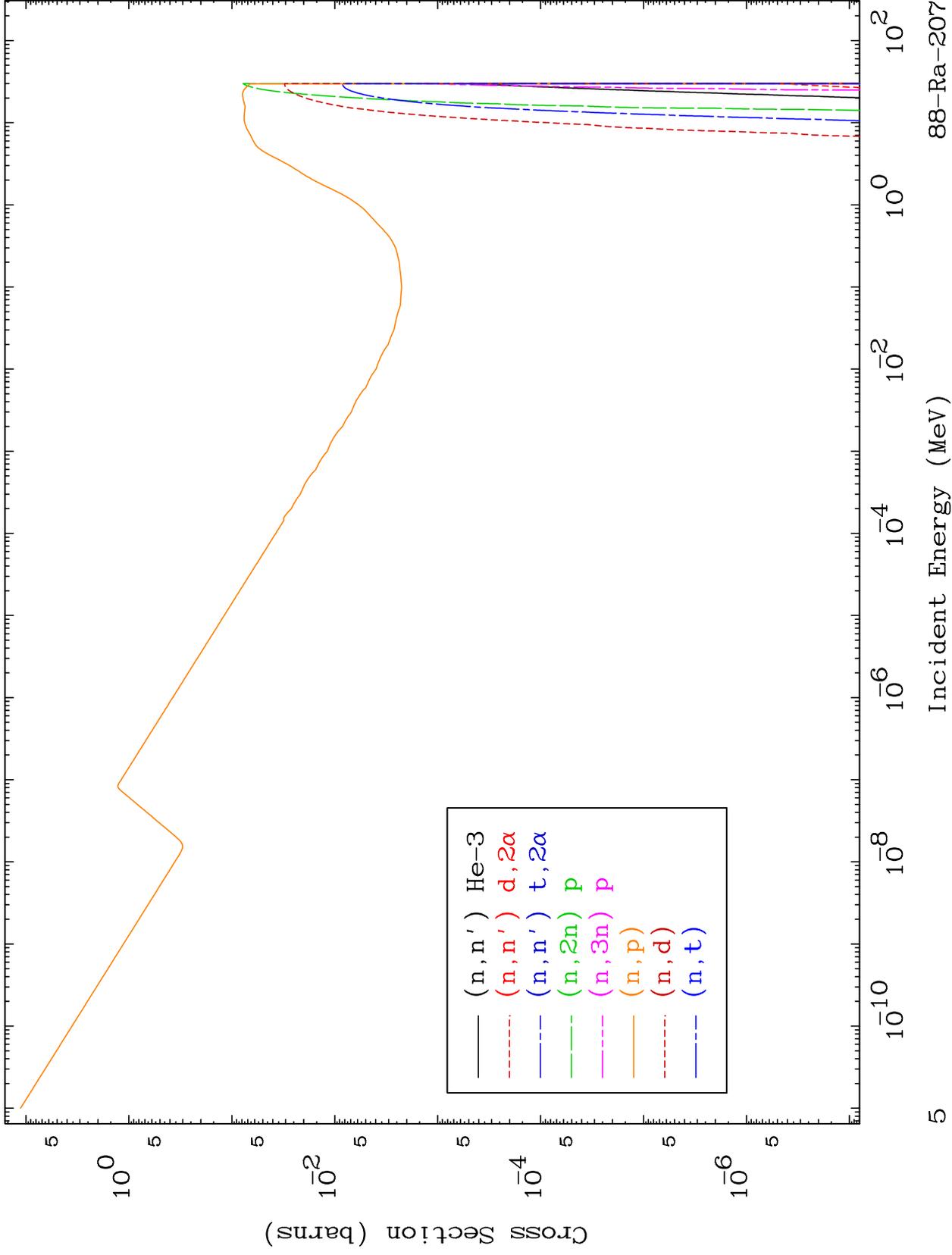
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MAT 8777

Charged Particle
293 Kelvin Cross Sections

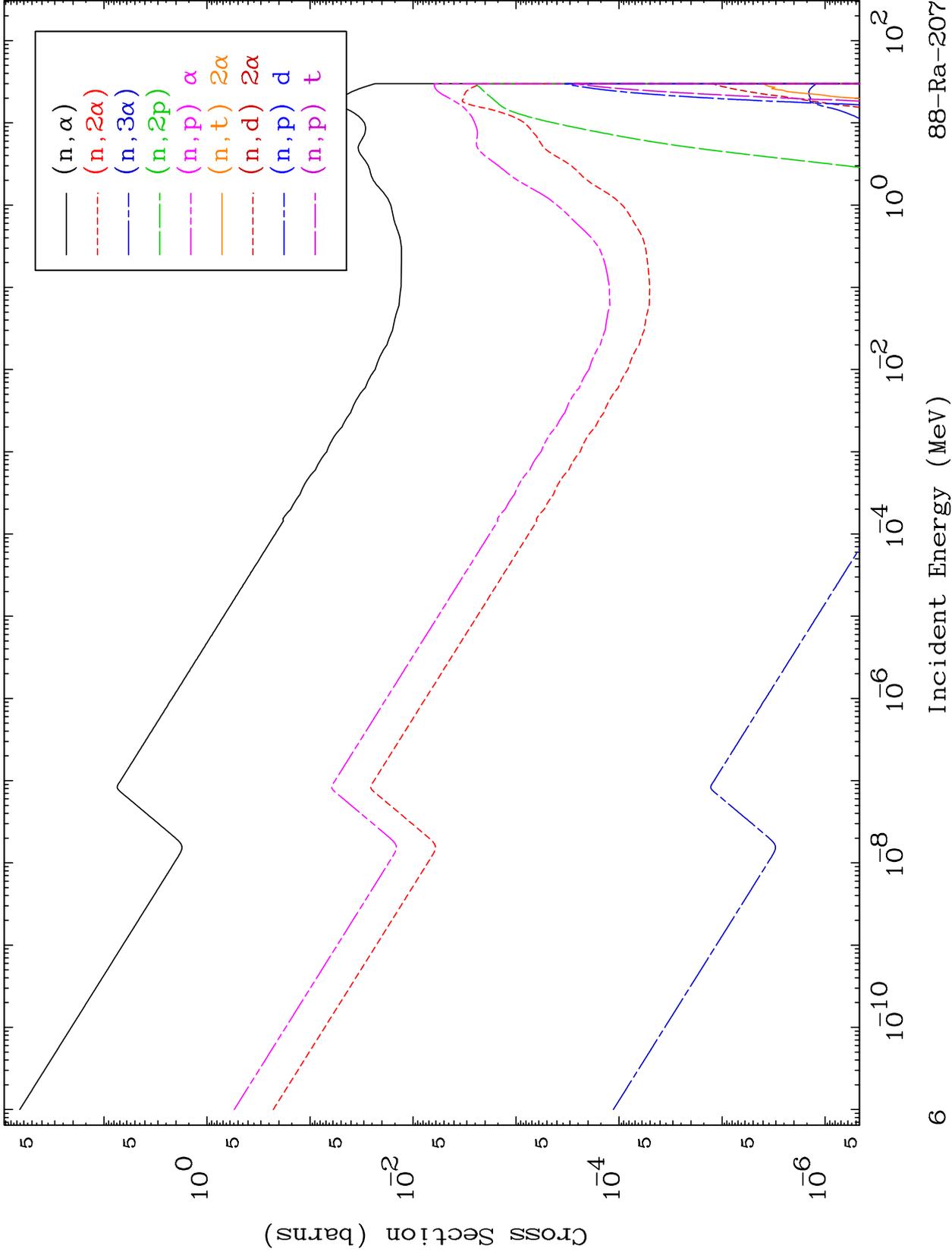
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MAT 8777

Charged Particle
293 Kelvin Cross Sections

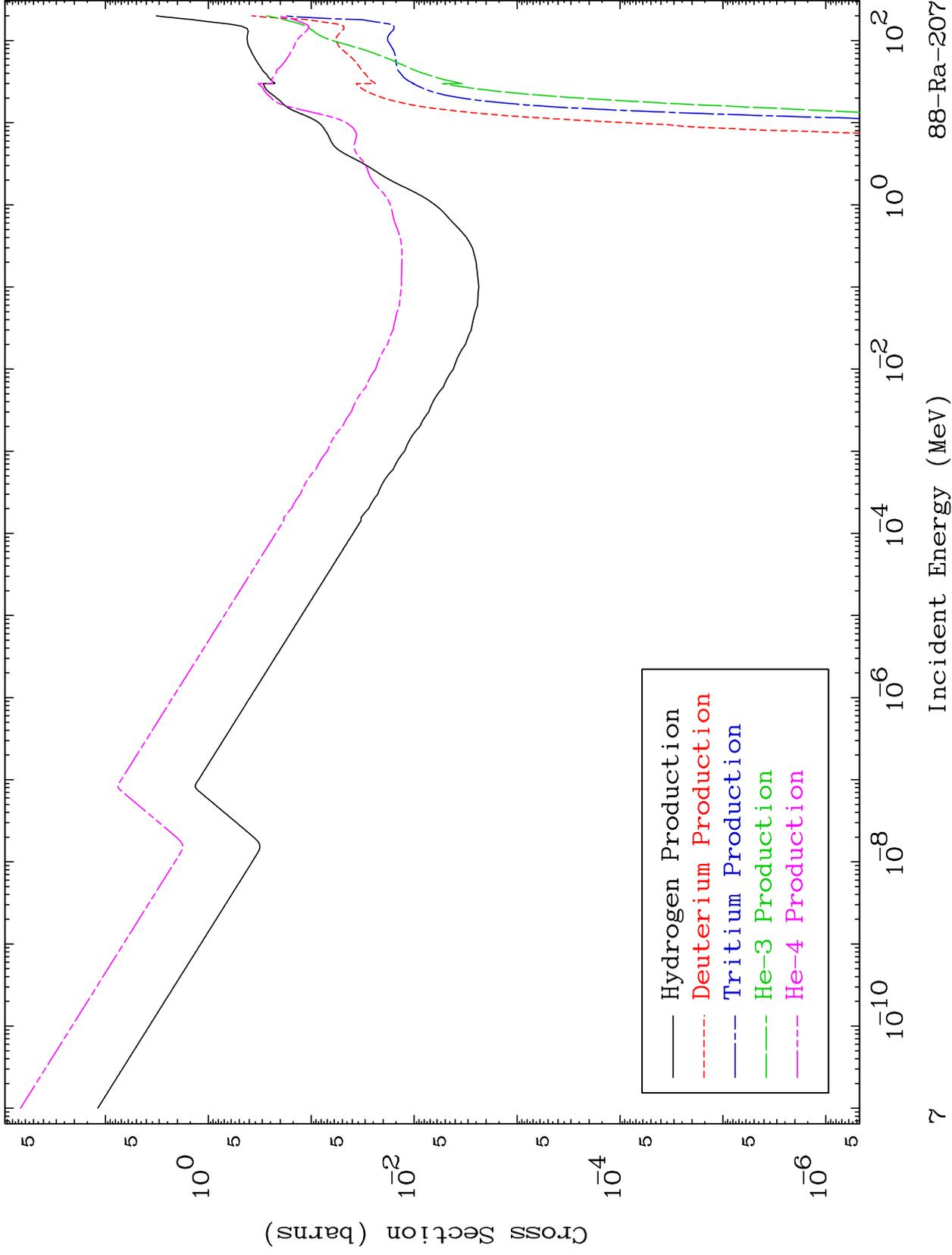
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MAT 8777

Particle Production
293 Kelvin Cross Sections

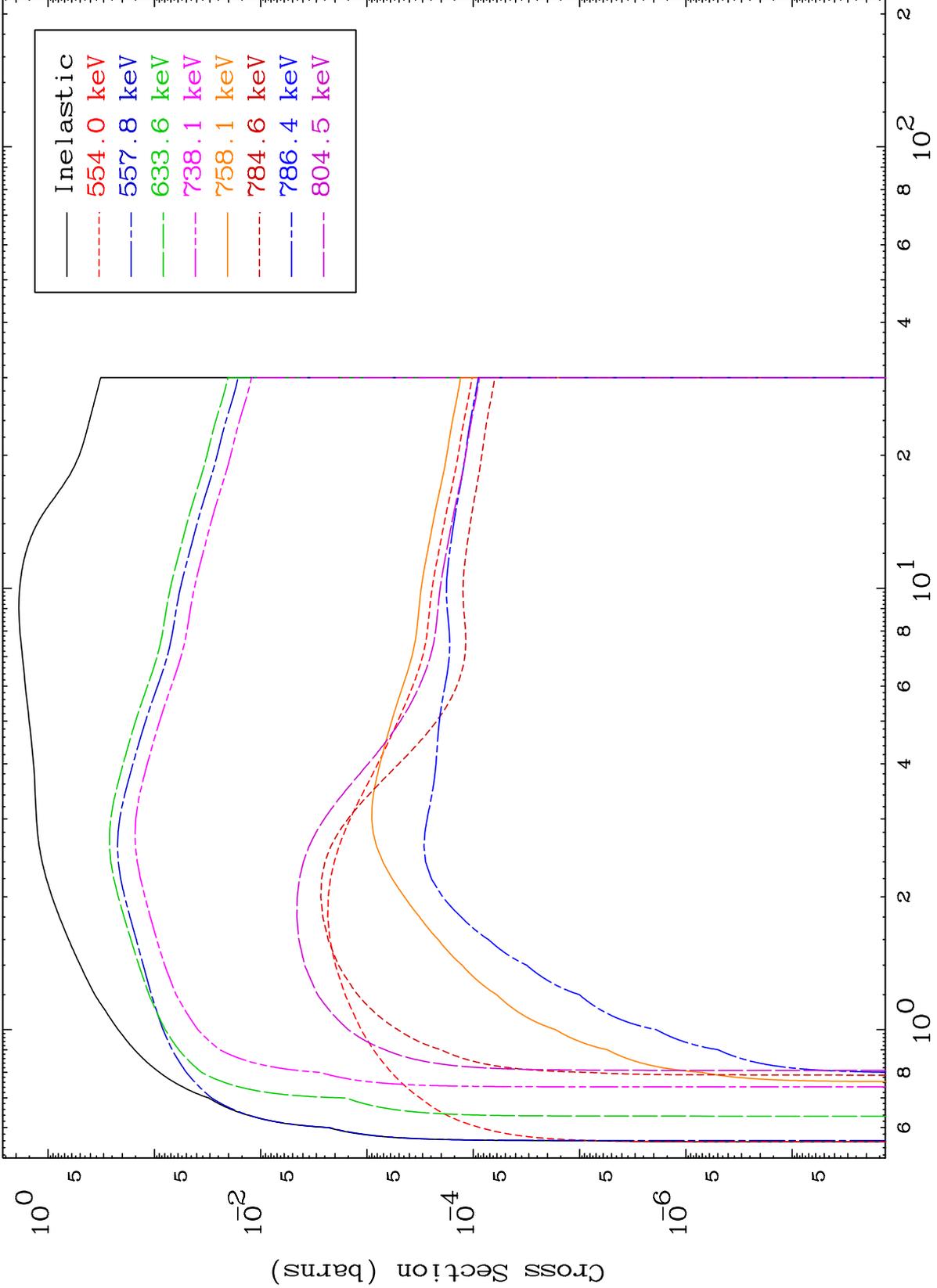
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MAT 8777

(n,n') Level
293 Kelvin Cross Sections

88-Ra-207



8

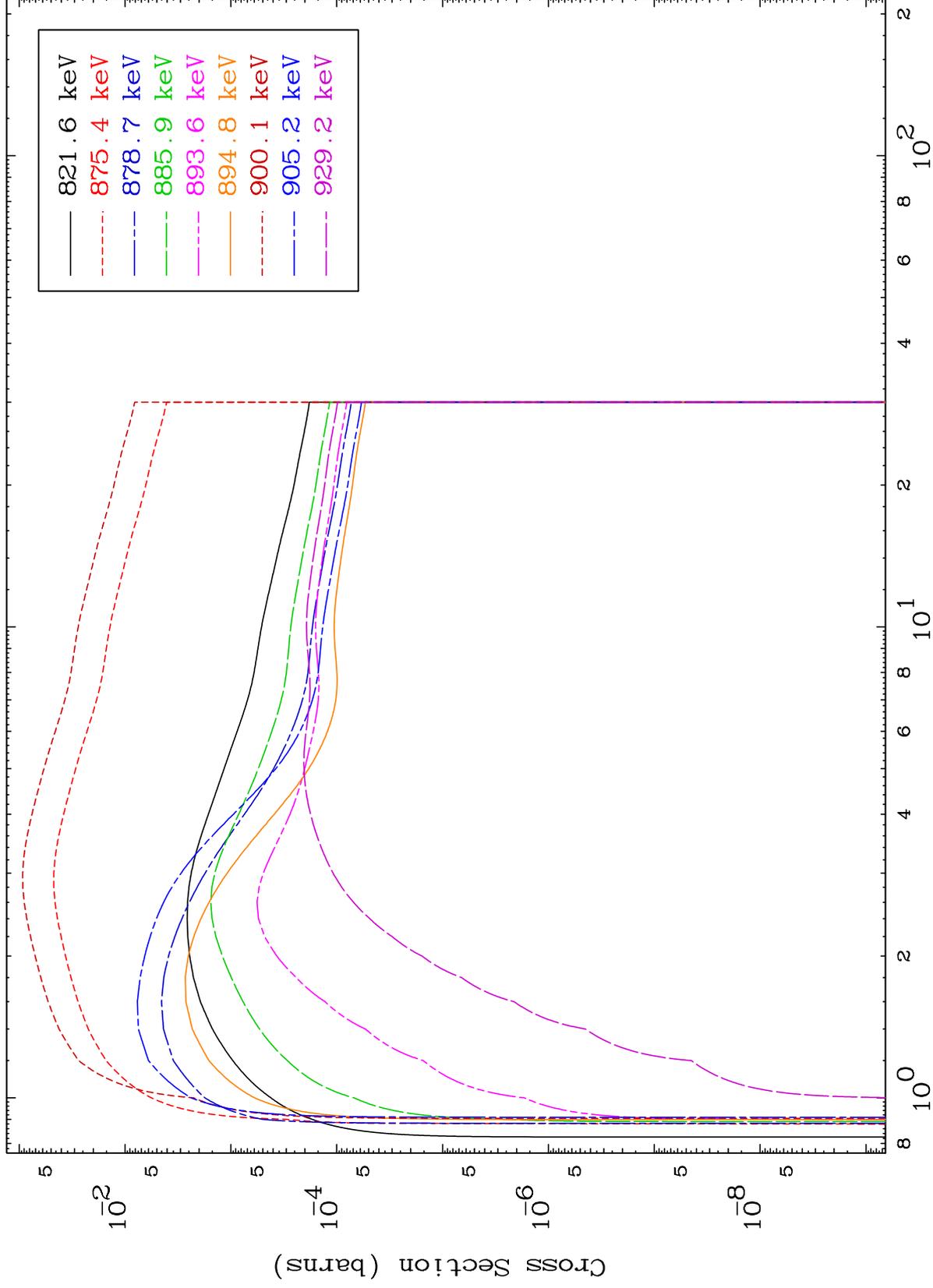
Incident Energy (MeV)

88-Ra-207

MAT 87777

(n,n') Level
293 Kelvin Cross Sections

88-Ra-207



Incident Energy (MeV)

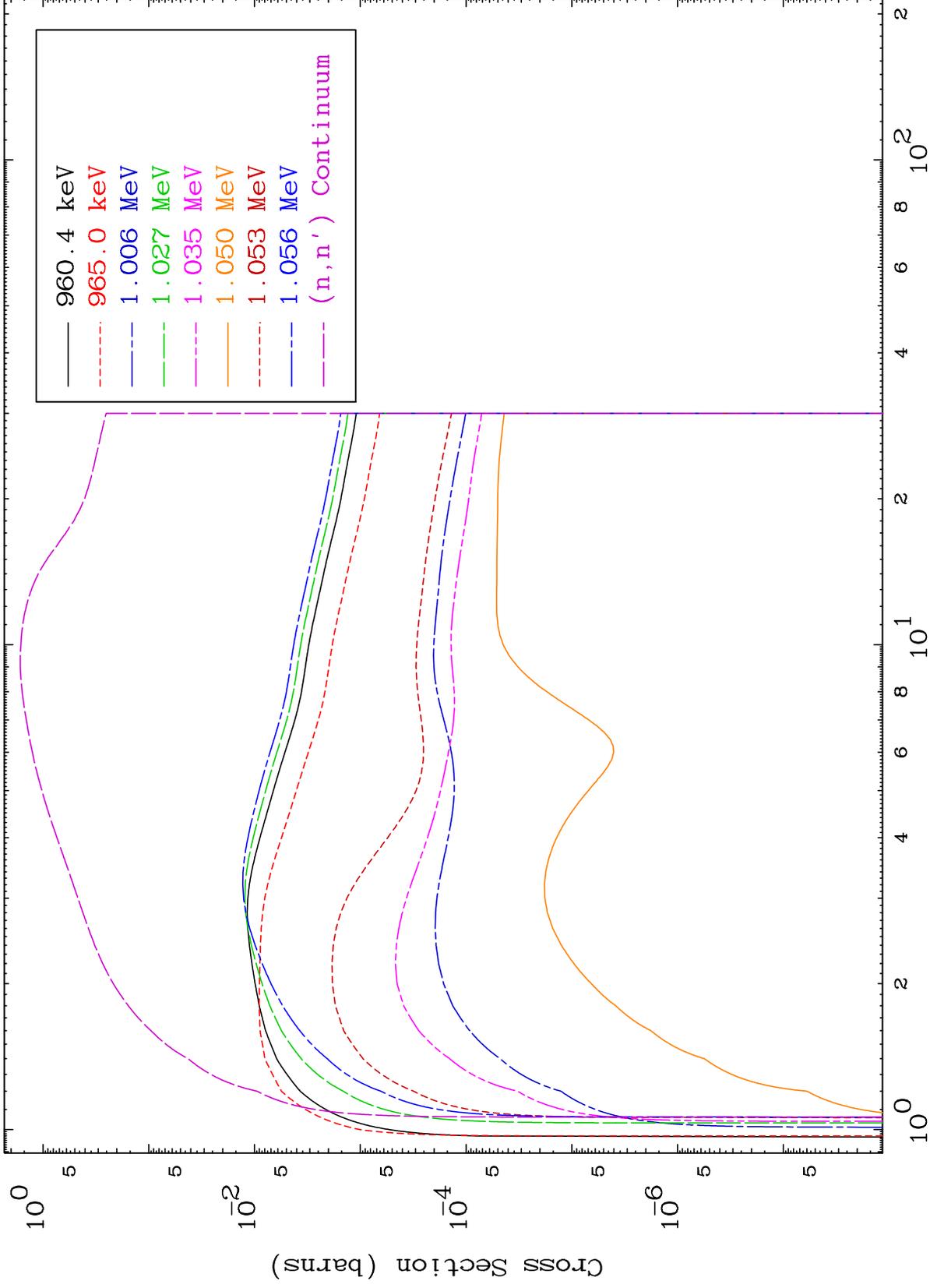
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MAT 8777

(n,n') Level

88-Ra-207

293 Kelvin Cross Sections



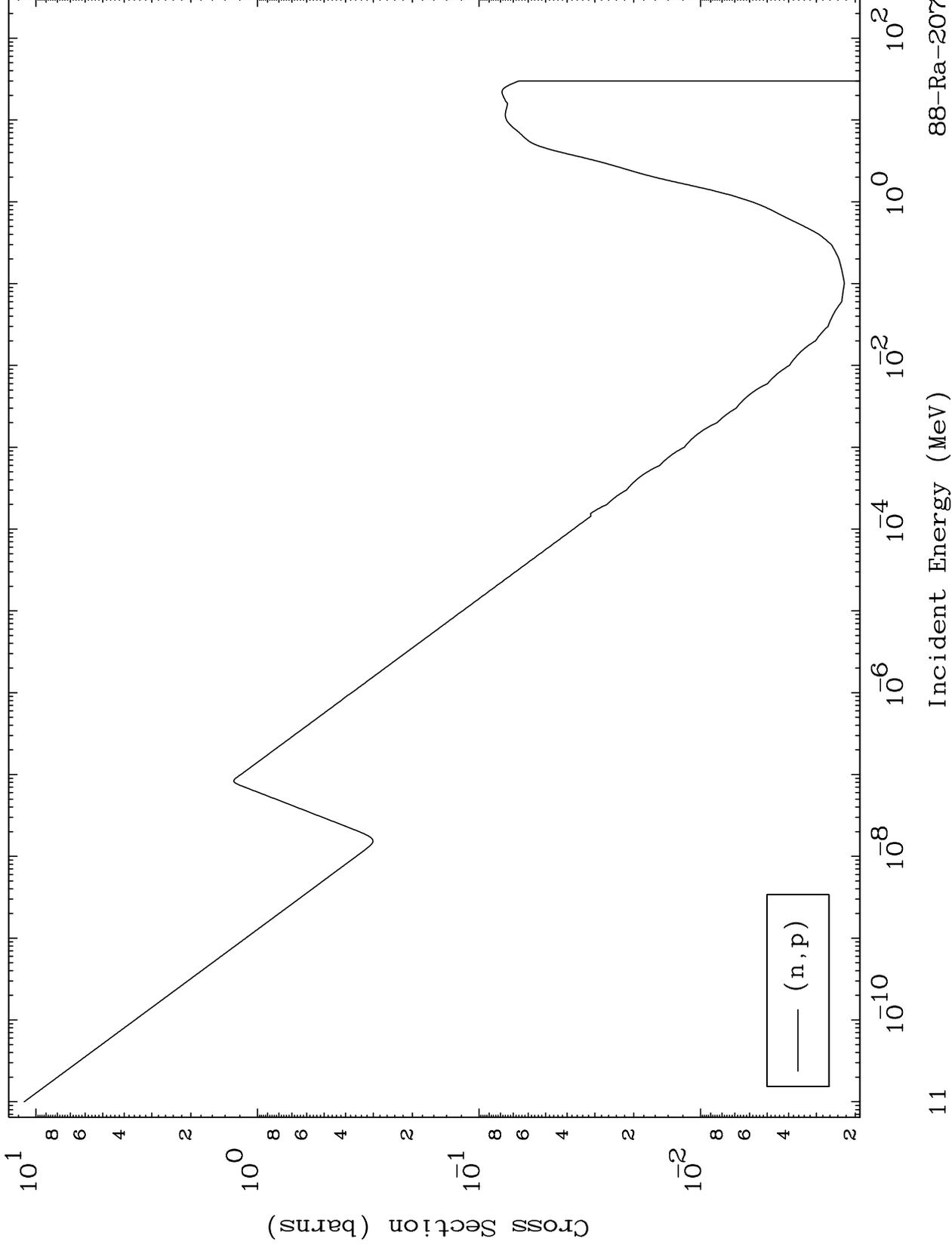
Incident Energy (MeV)

88-Ra-207

MAT 8777

(n,p) Levels
293 Kelvin Cross Sections

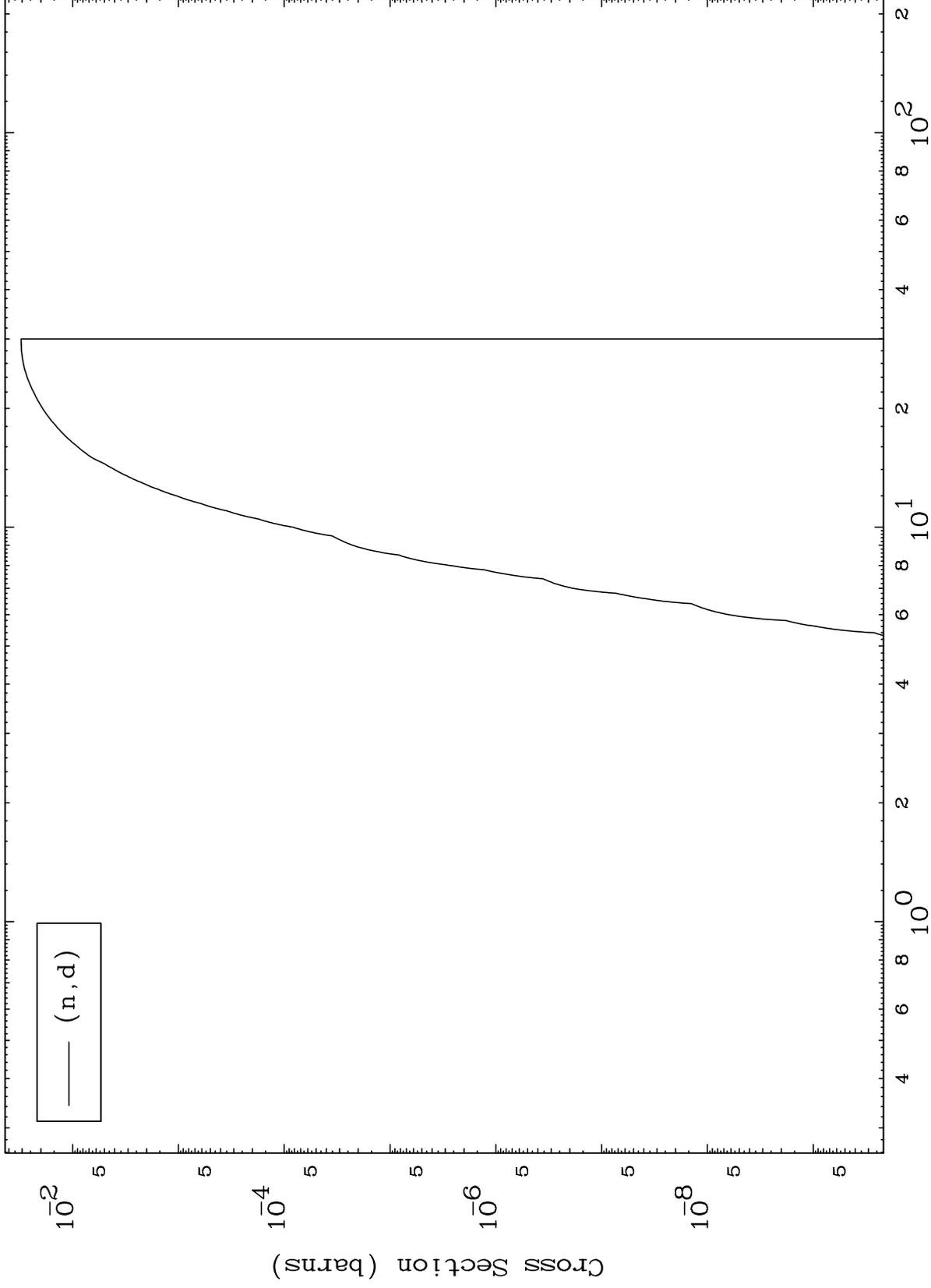
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MAT 87777

(n,d) Levels
293 Kelvin Cross Sections

88-Ra-207



12

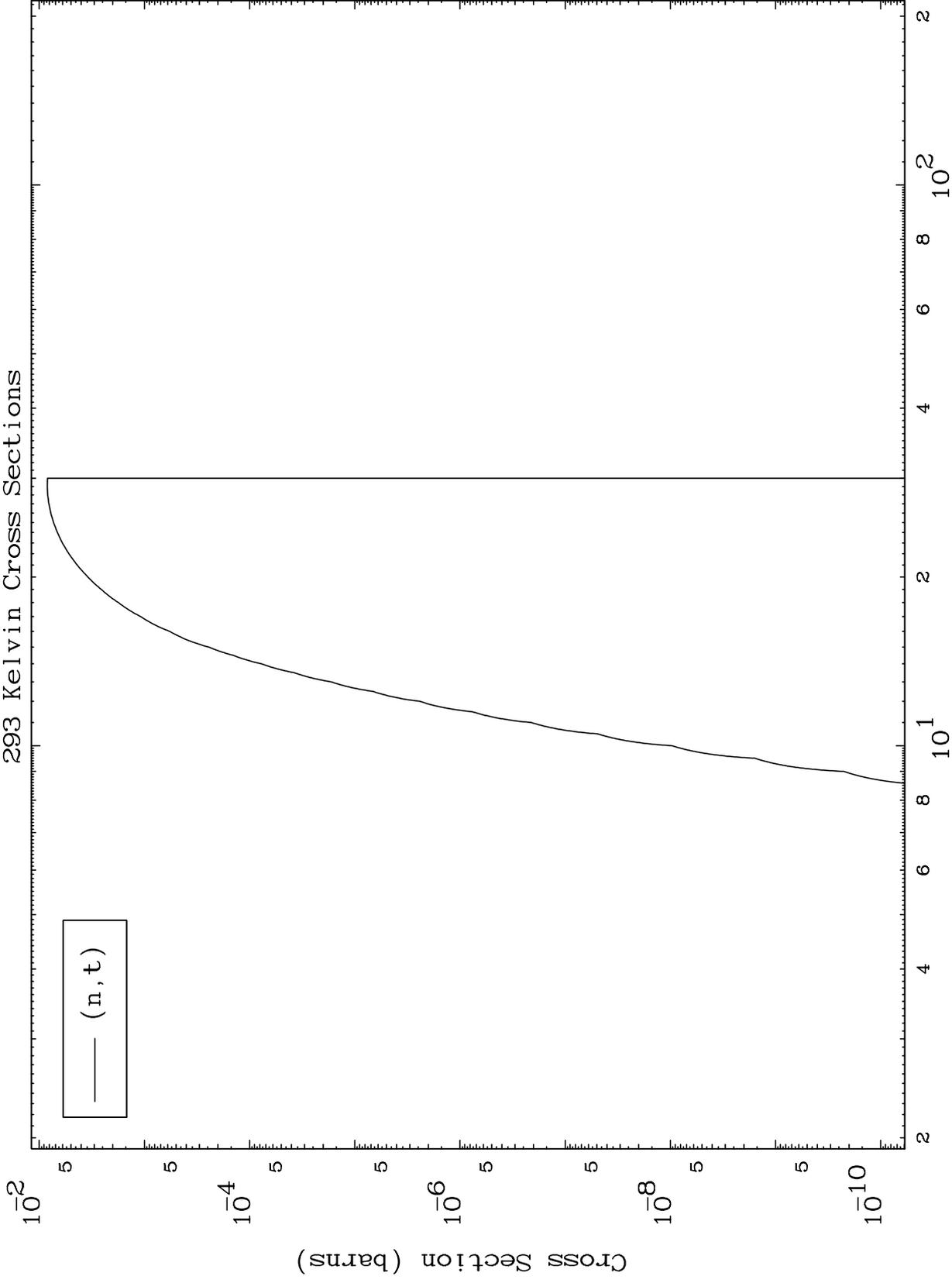
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88-Ra-207

MAT 87777

(n,t) Levels
293 Kelvin Cross Sections

88-Ra-207



13

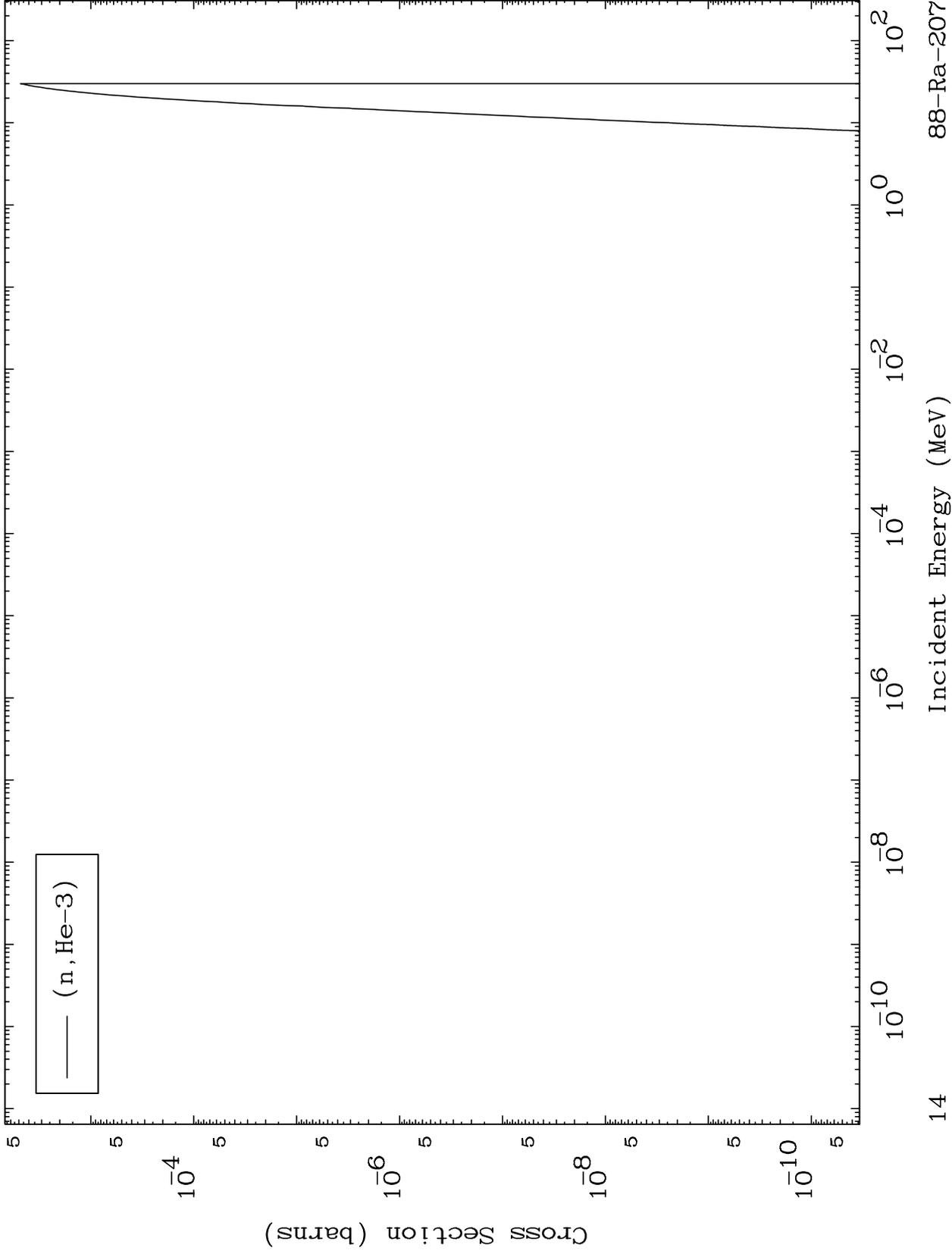
Incident Energy (MeV)

88-Ra-207

MAT 8777

(n,He3) Levels
293 Kelvin Cross Sections

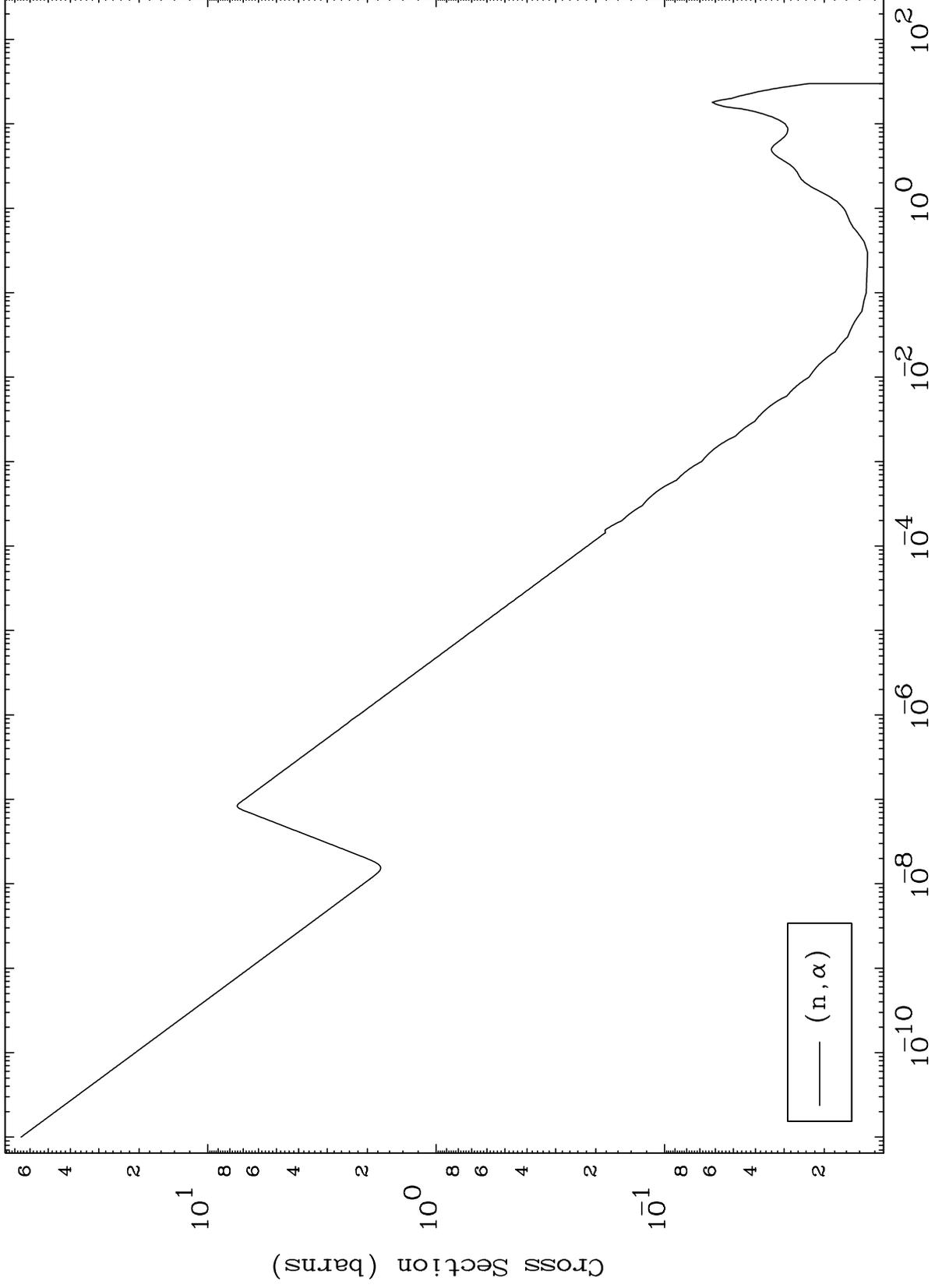
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MAT 8777

(n, α) Levels
293 Kelvin Cross Sections

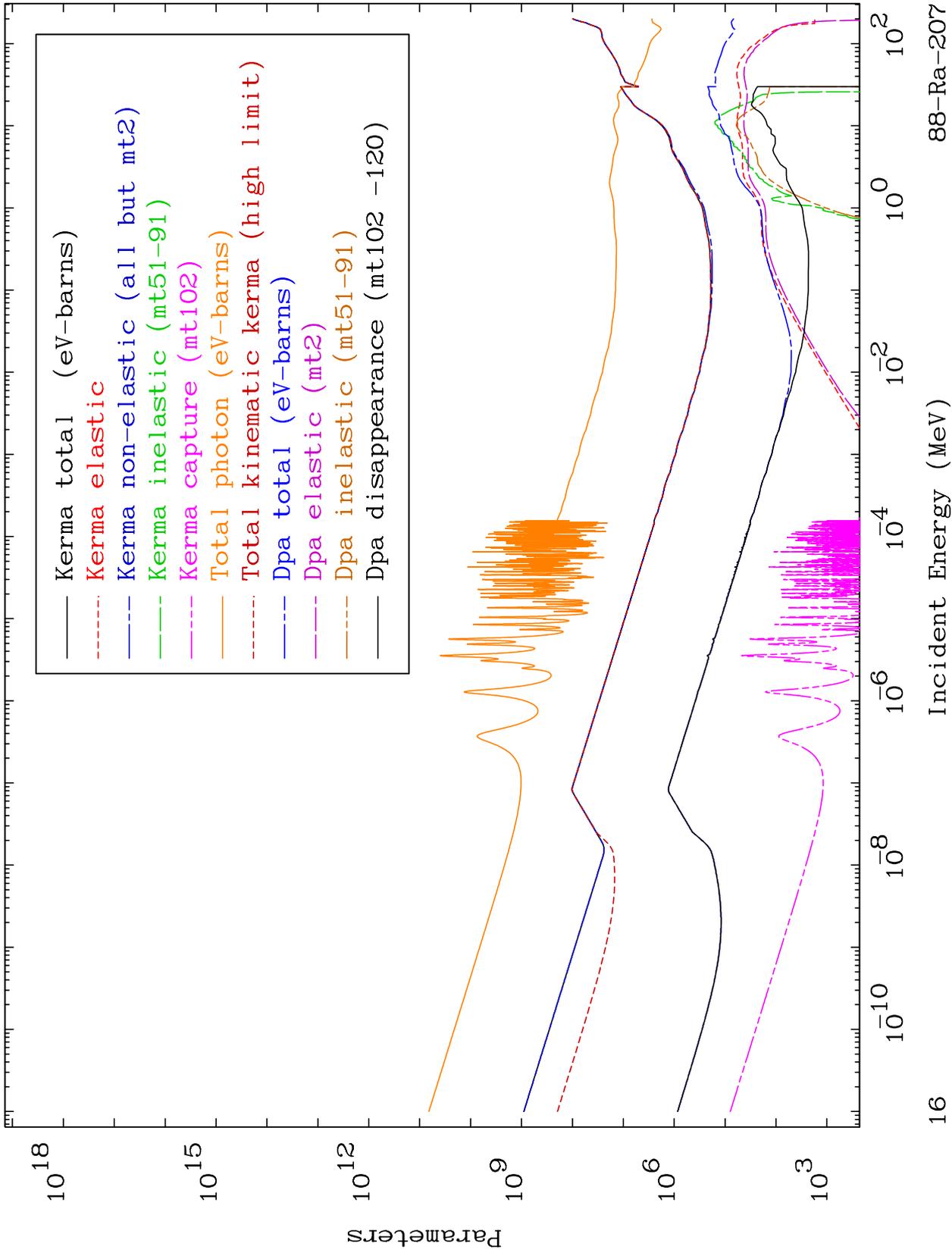
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15

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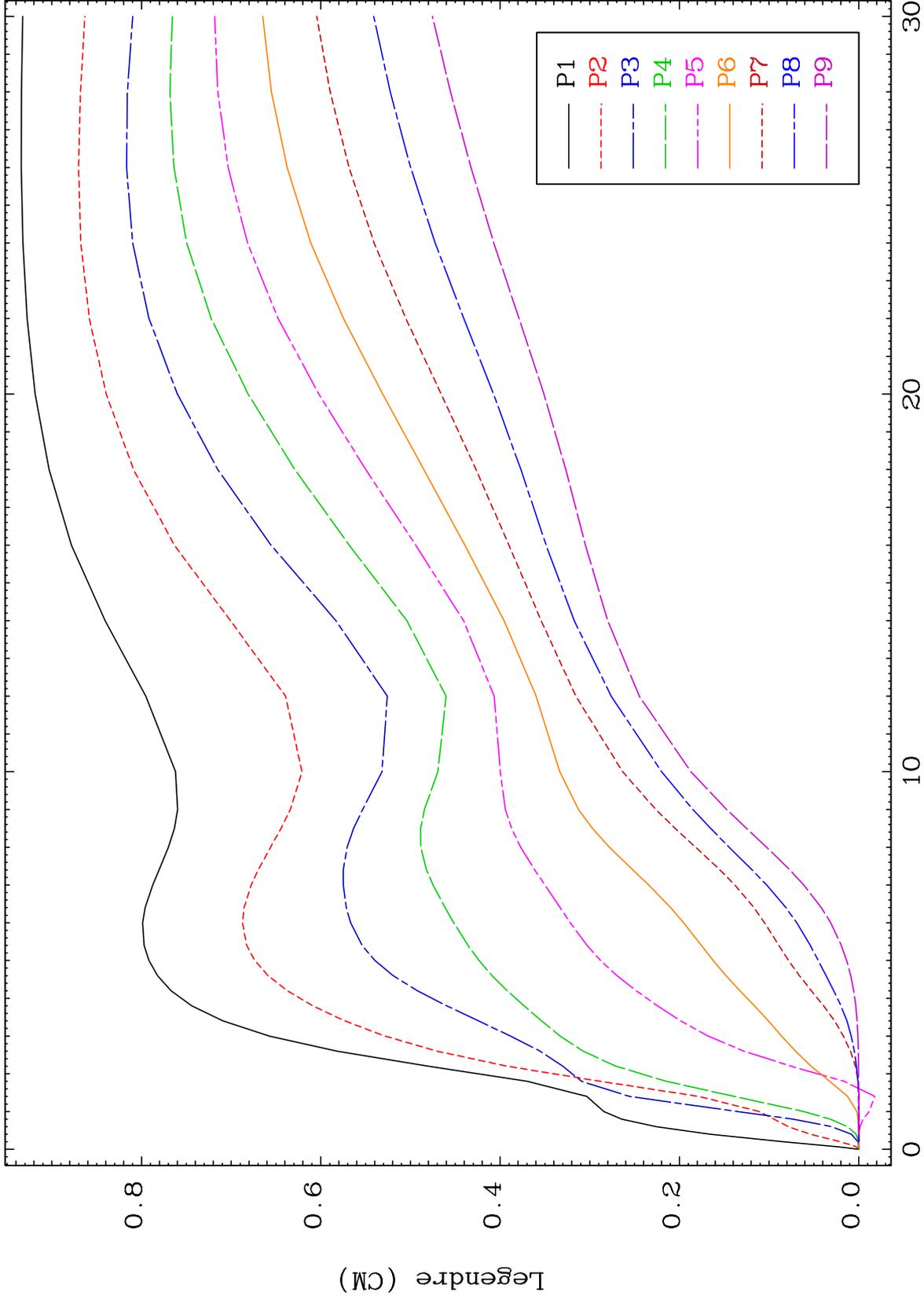
88-Ra-207



MAT 8777

Elastic Legendre Coefficients

88-Ra-207



17

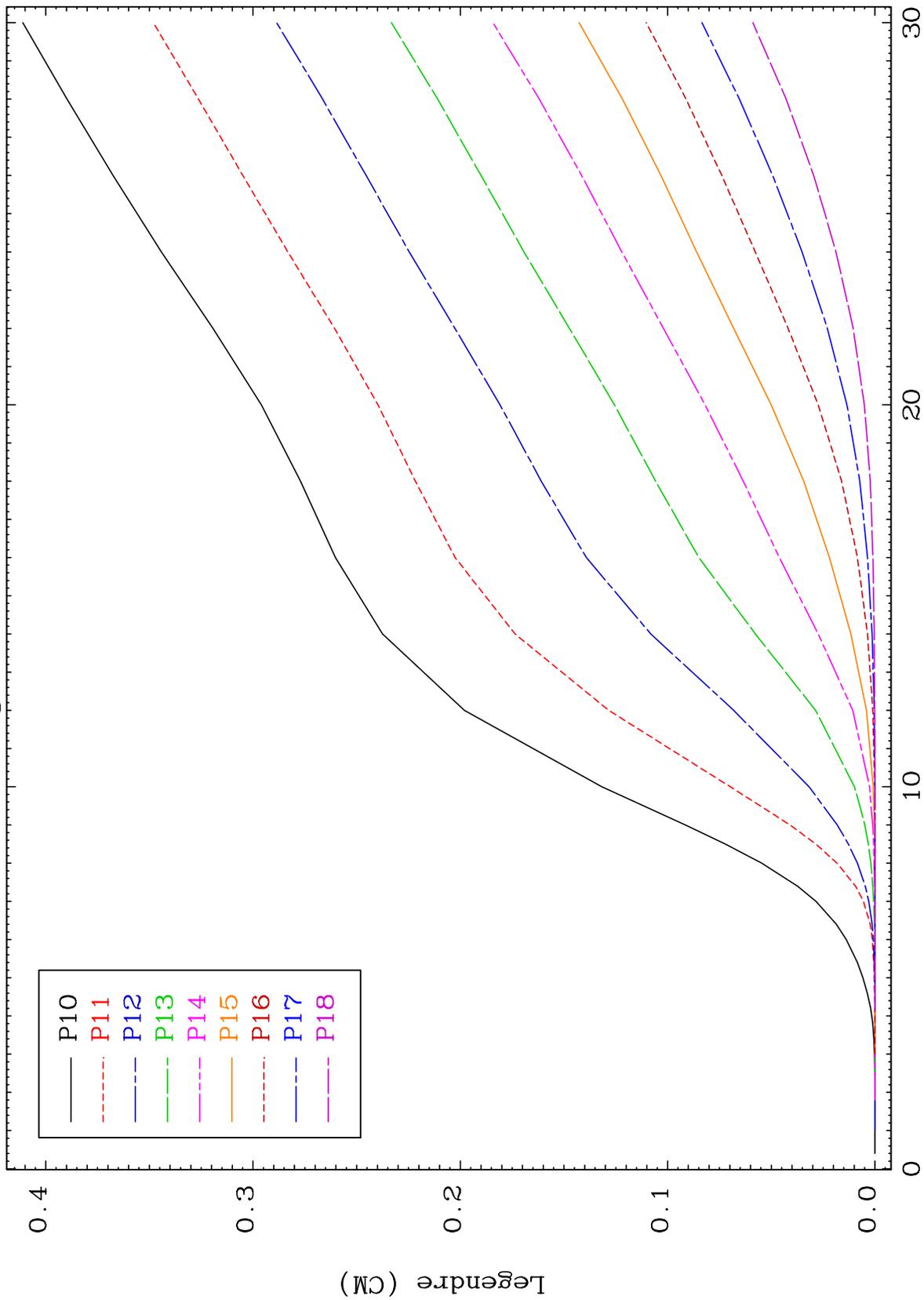
Incident Energy (MeV)

88-Ra-207

MAT 8777

Elastic Legendre Coefficients

88-Ra-207



18

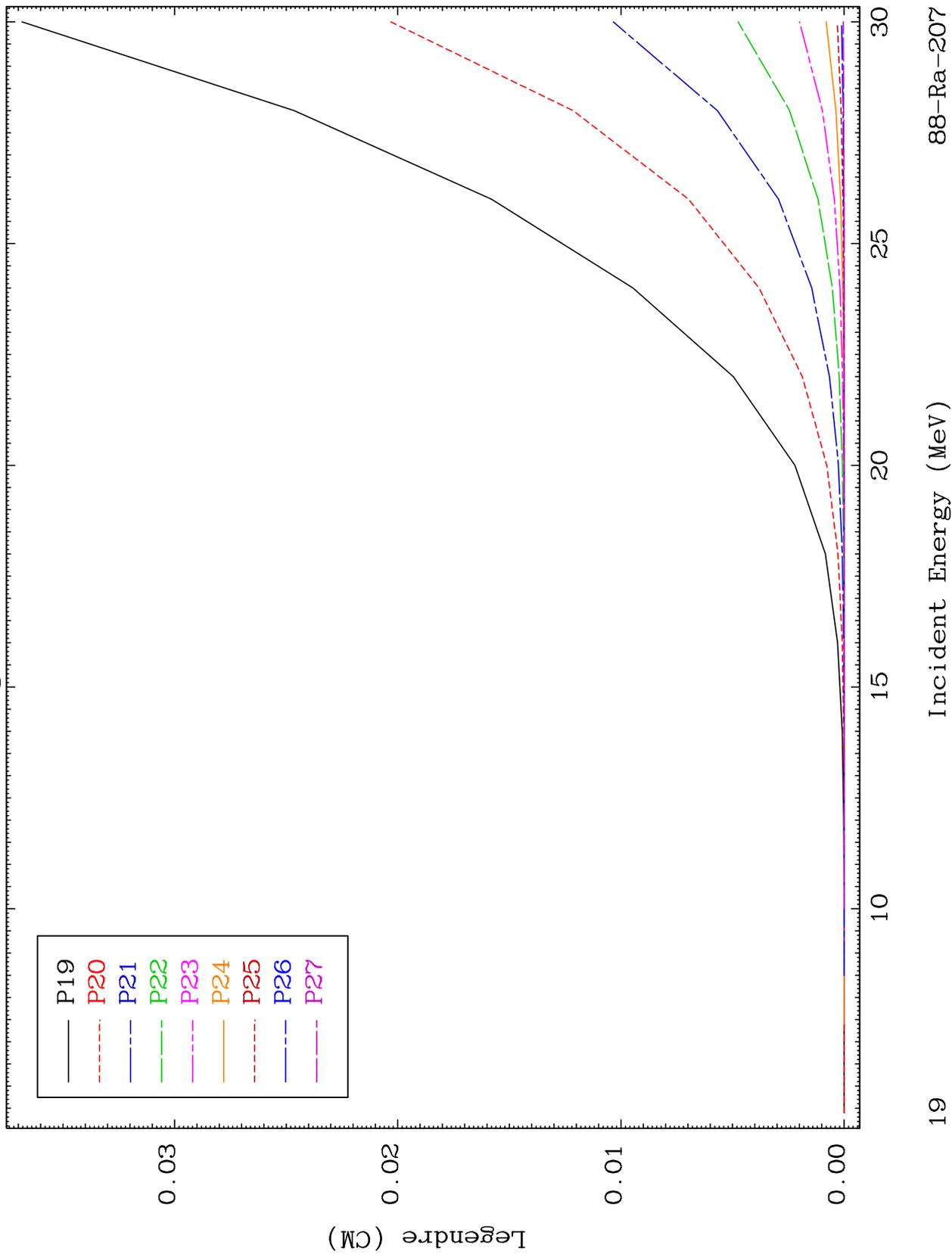
Incident Energy (MeV)

88-Ra-207

MAT 8777

Elastic Legendre Coefficients

88-Ra-207



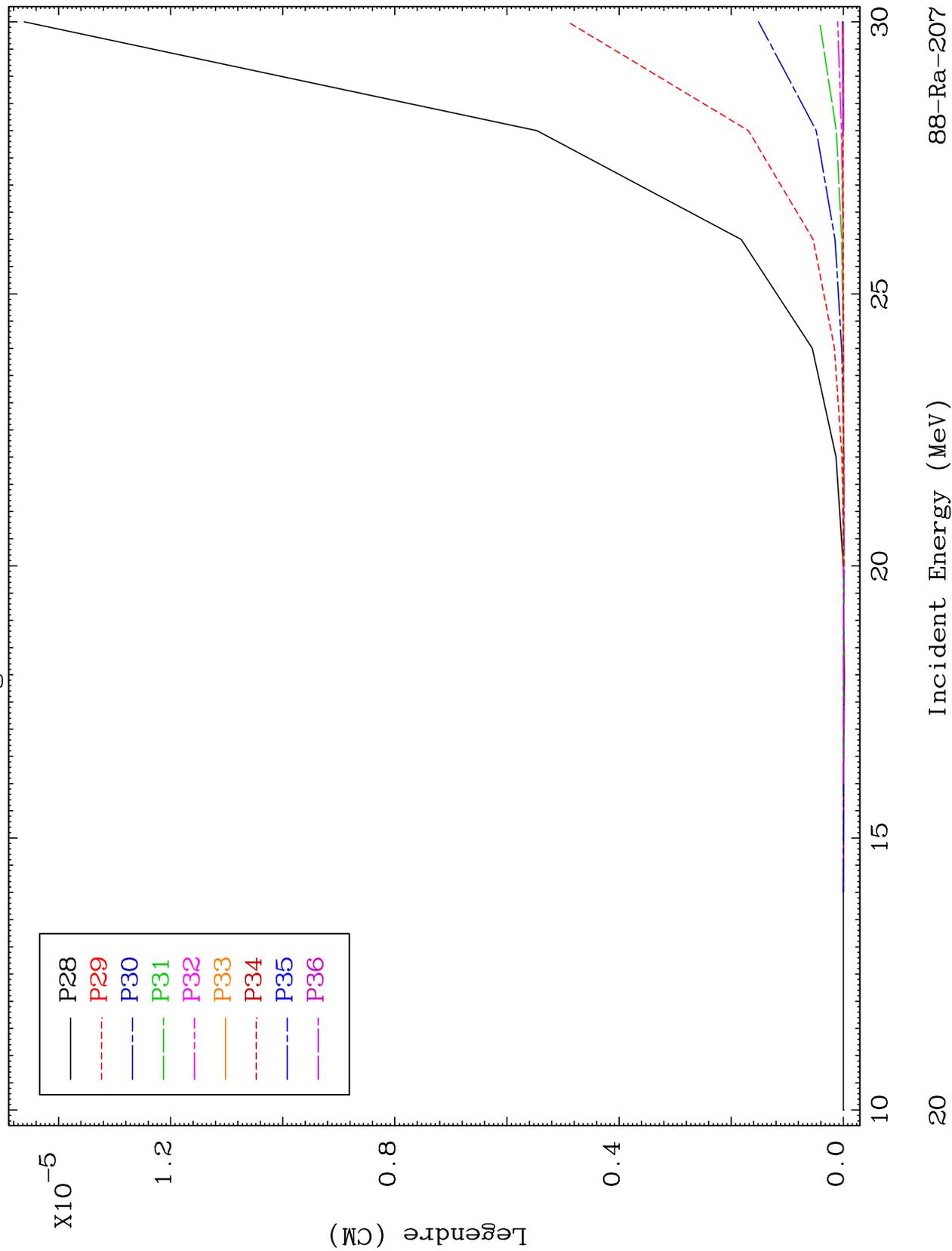
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88-Ra-207

MAT 8777

Elastic Legendre Coefficients

88-Ra-207



88-Ra-207

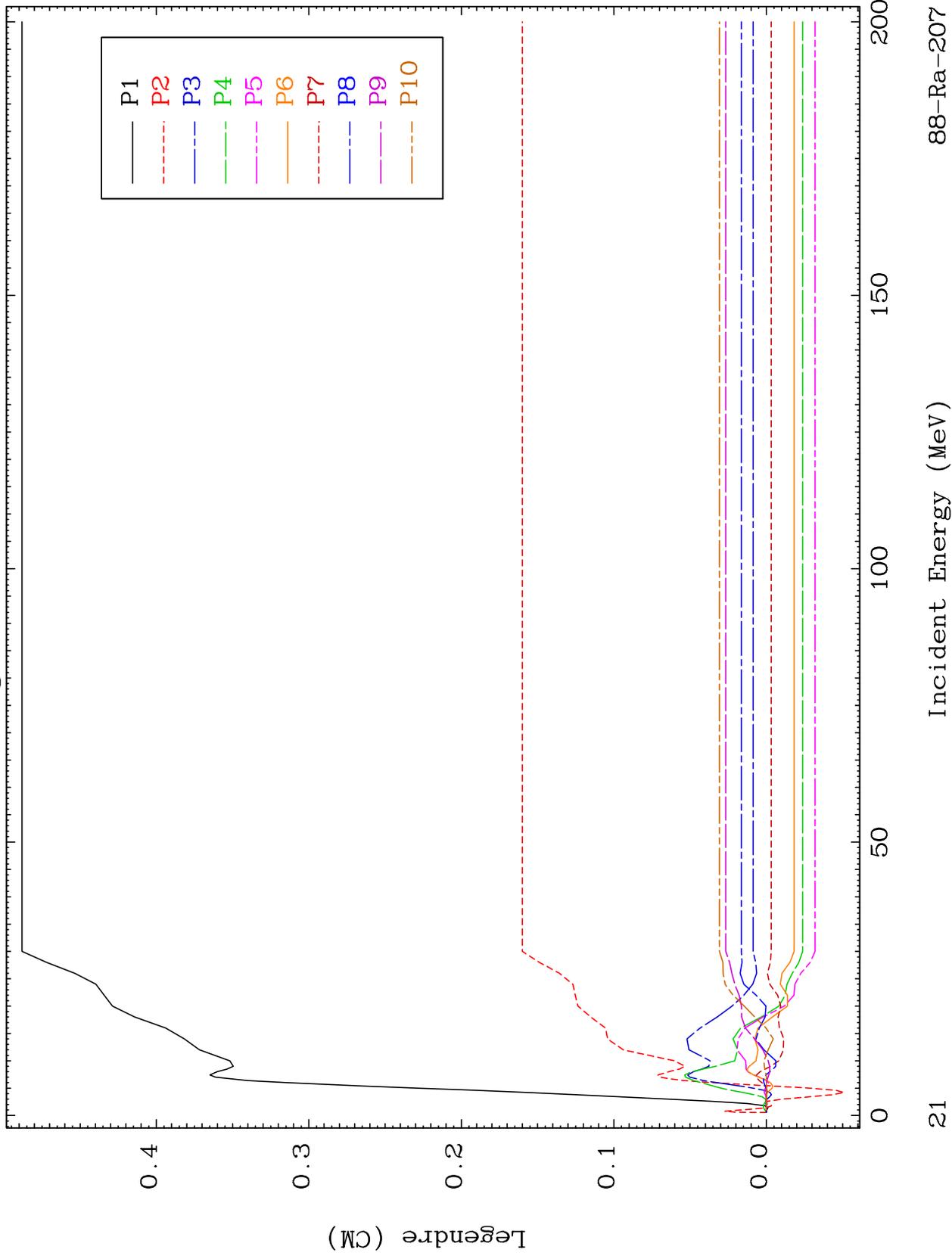
Incident Energy (MeV)

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MAT 8777

554.0 keV (n,n') Level
Legendre Coefficients

88-Ra-207



21

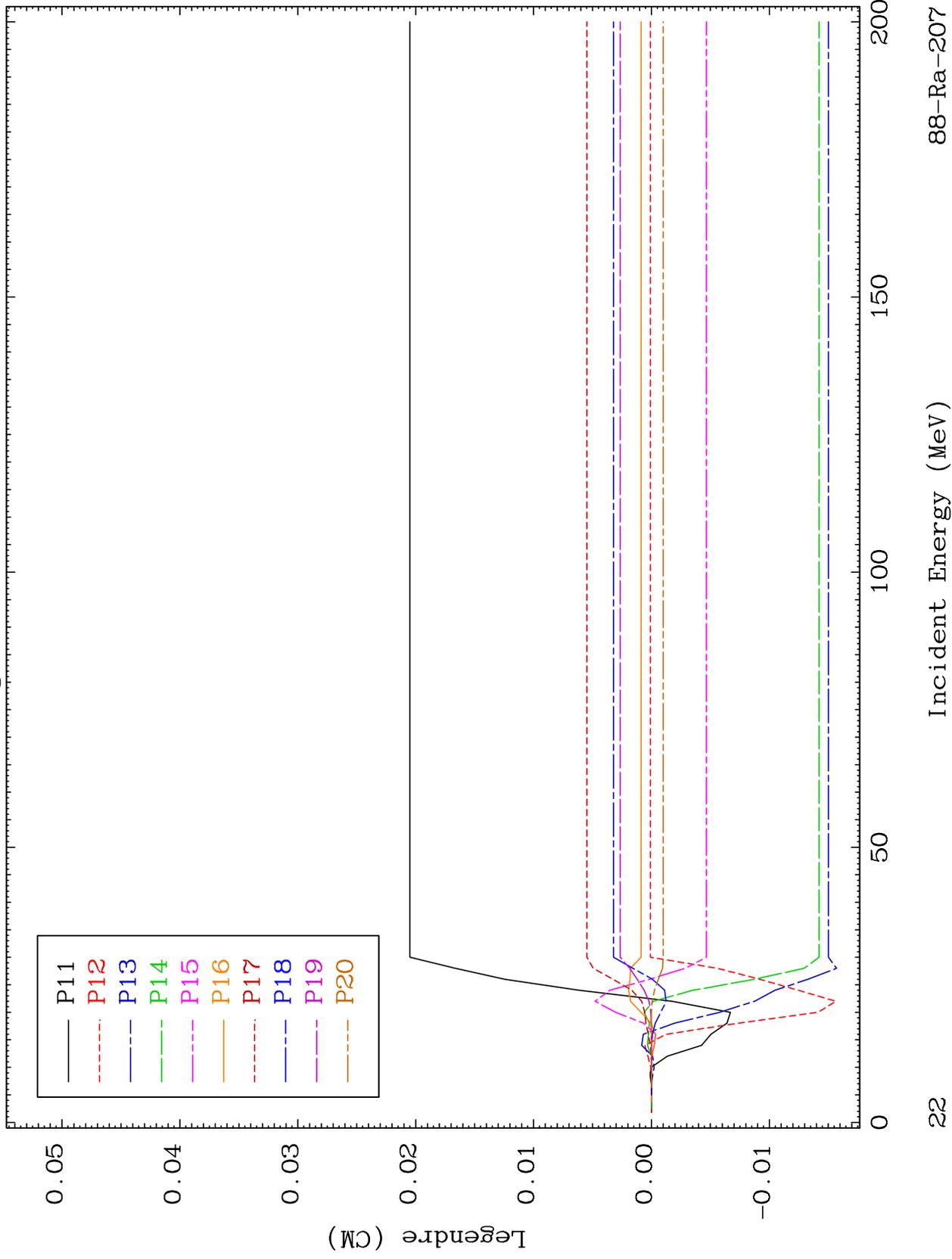
Incident Energy (MeV)

88-Ra-207

MAT 8777

554.0 keV (n,n') Level
Legendre Coefficients

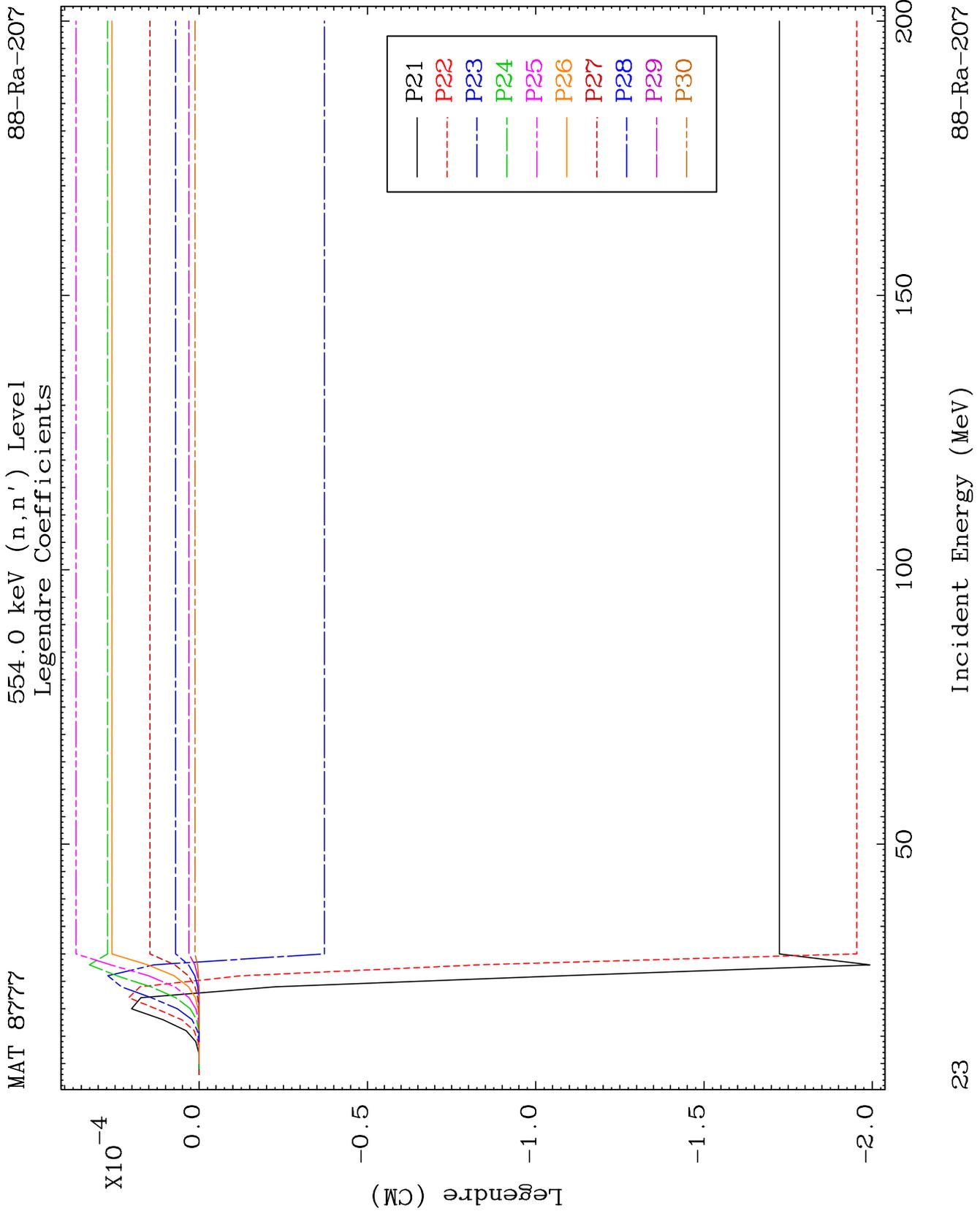
88-Ra-207



88-Ra-207

Incident Energy (MeV)

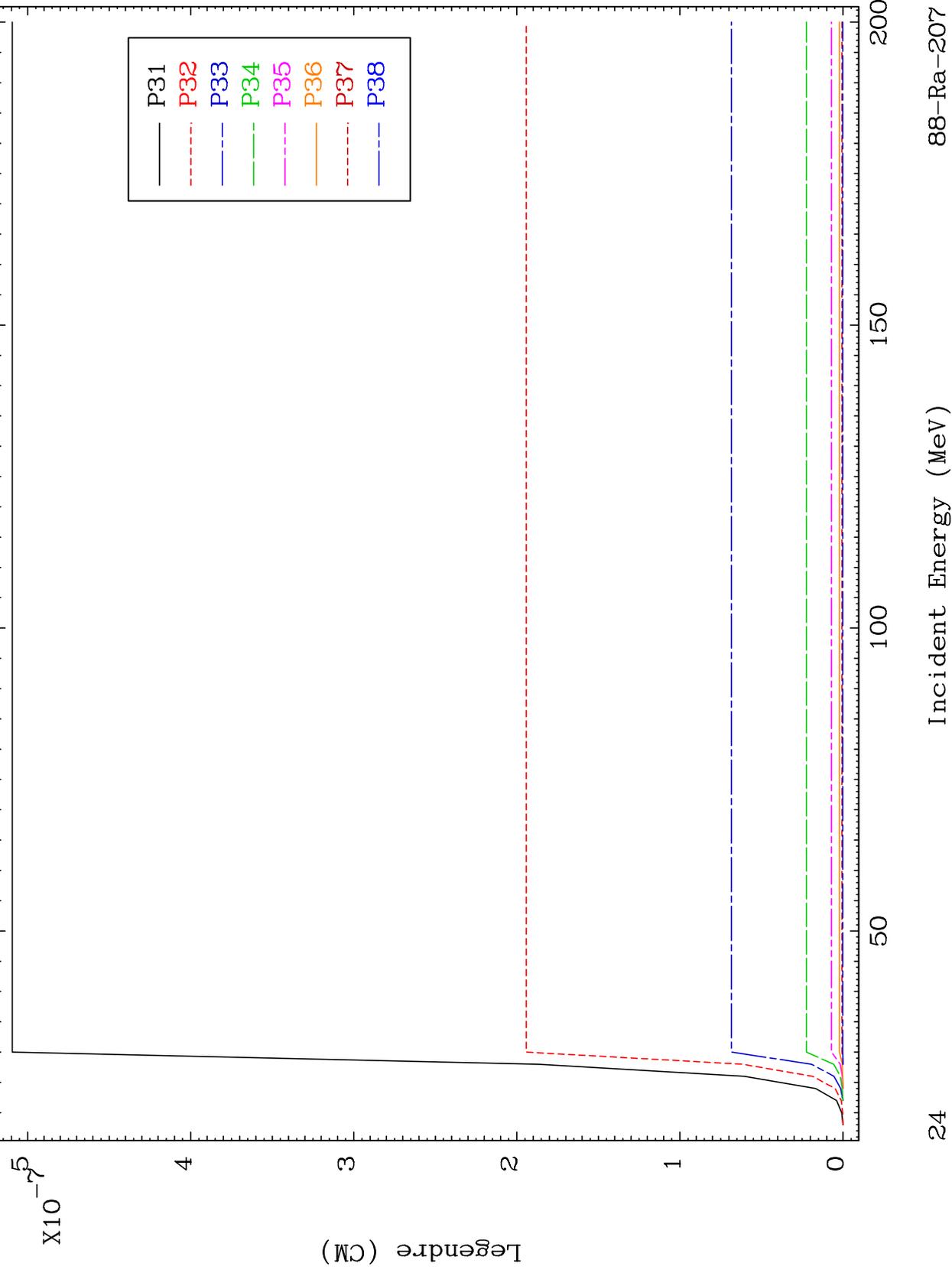
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MAT 8777

554.0 keV (n, n') Level
Legendre Coefficients

88-Ra-207



24

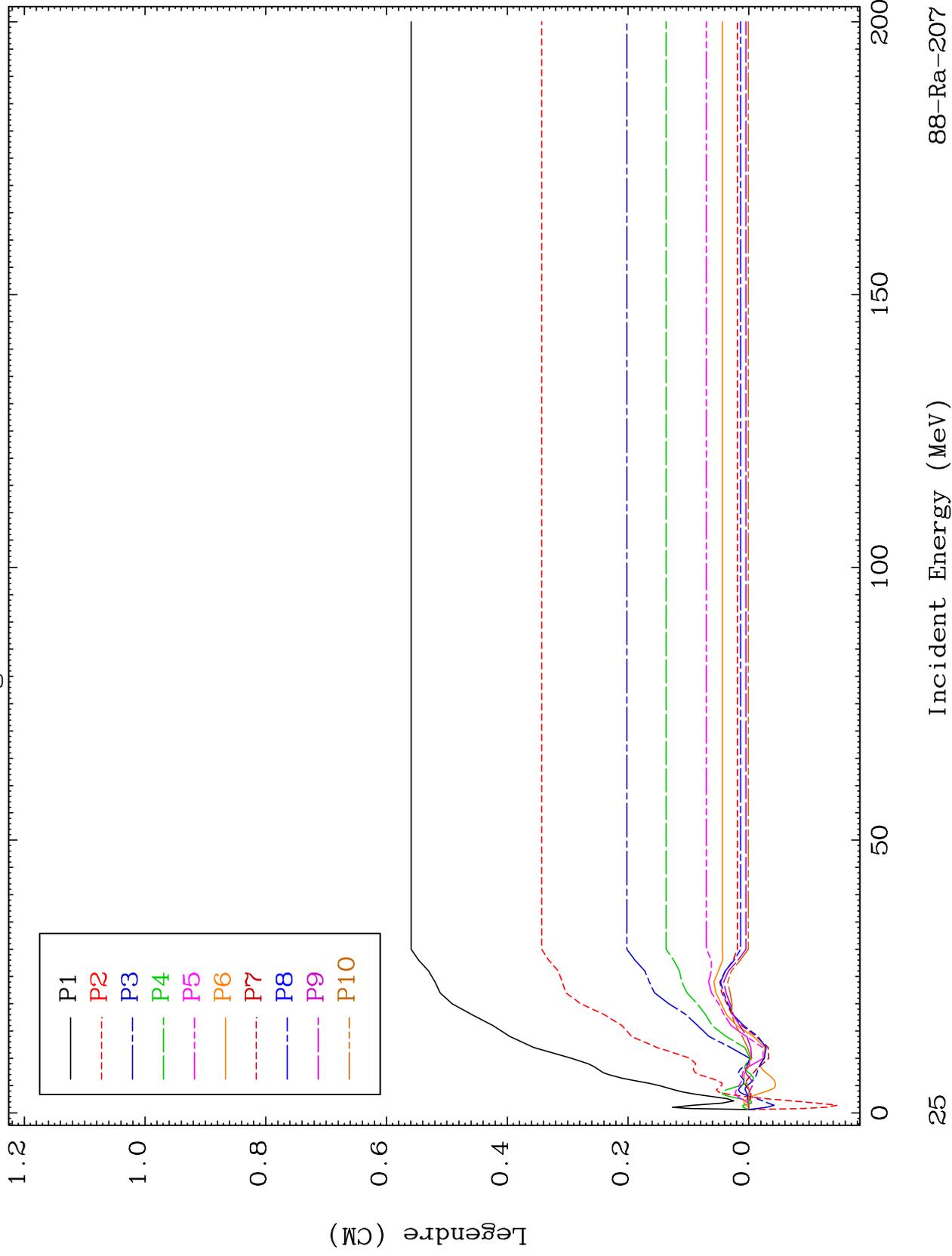
Incident Energy (MeV)

88-Ra-207

MAT 8777

557.8 keV (n, n') Level
Legendre Coefficients

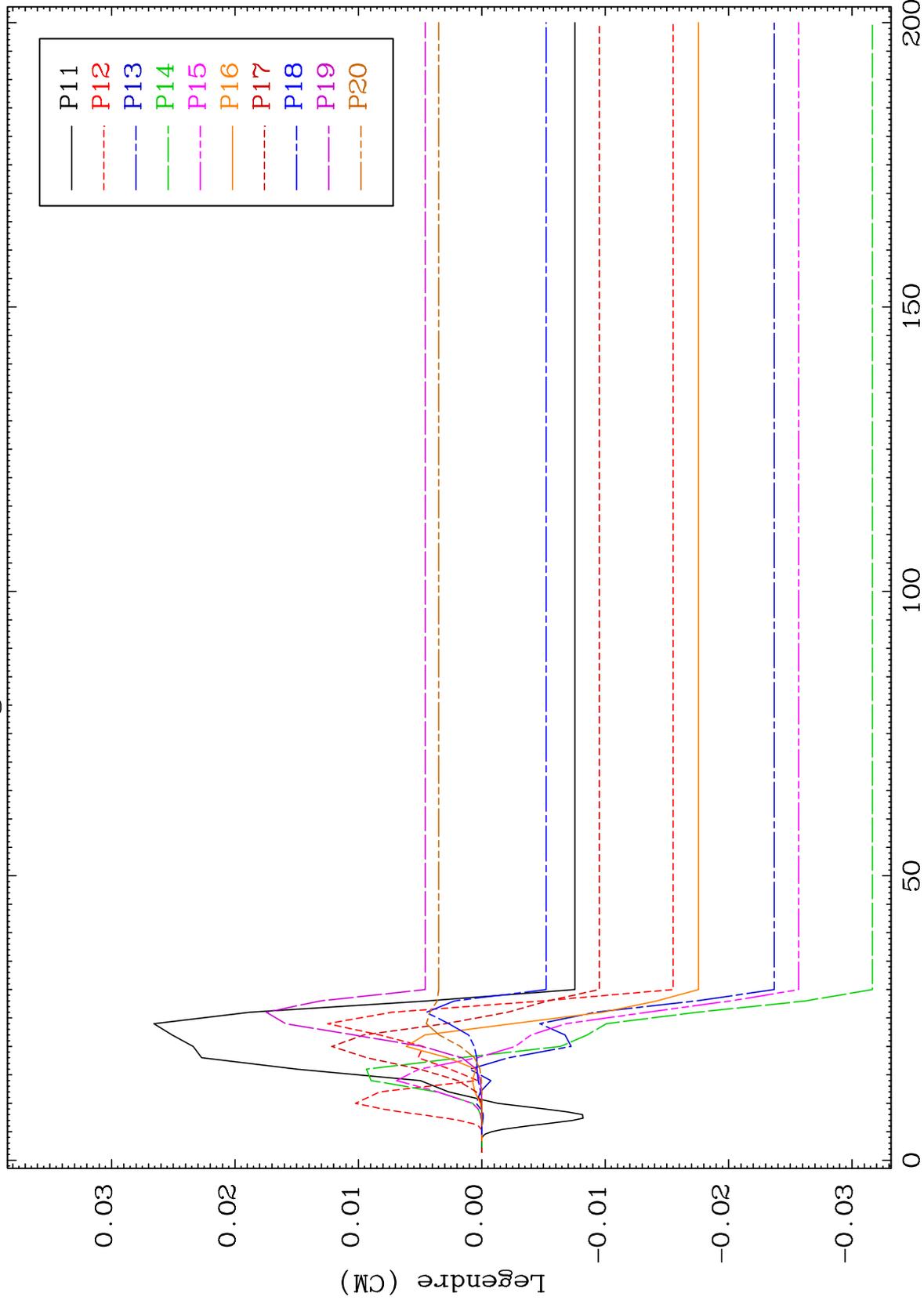
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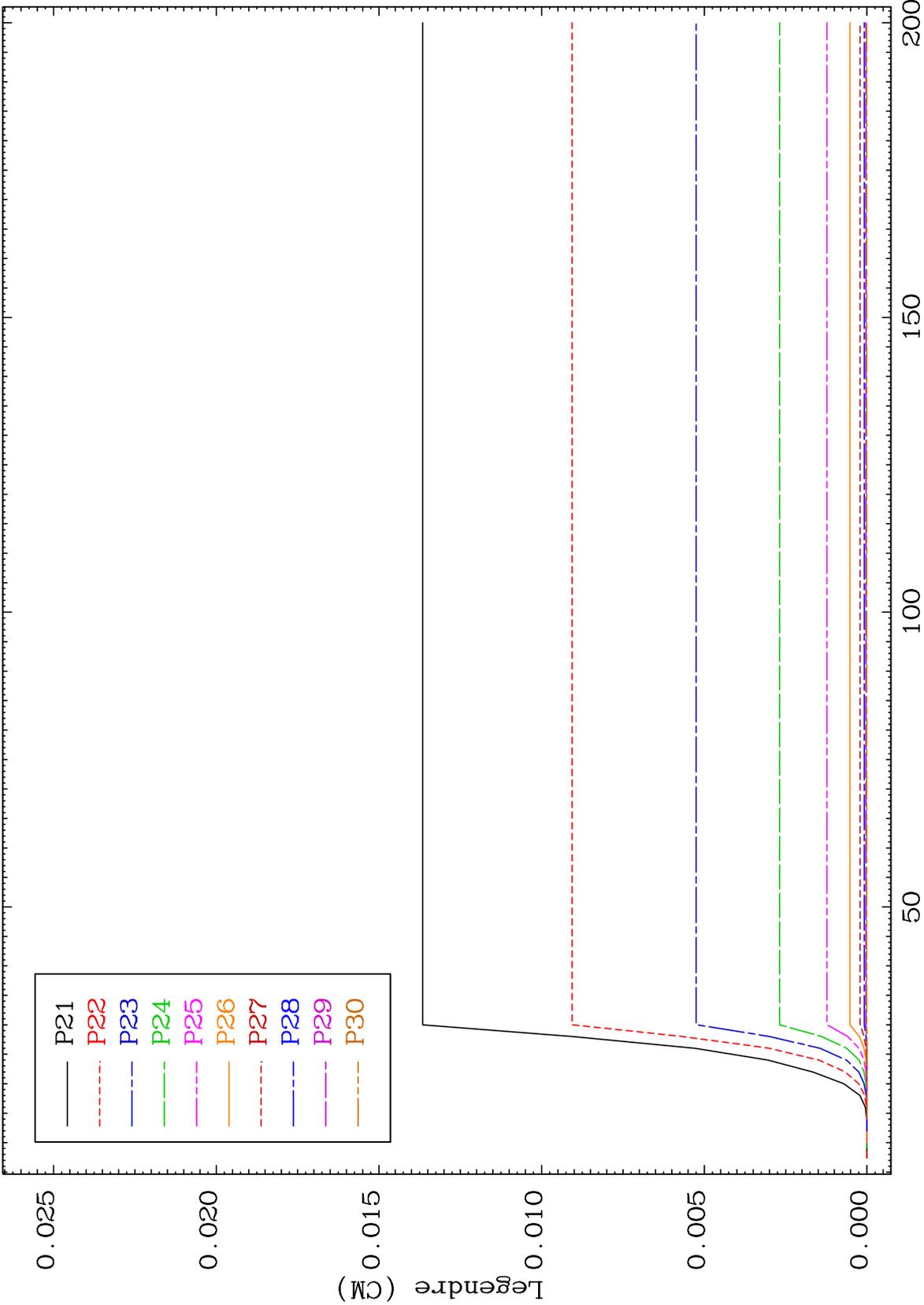


88-Ra-207

Incident Energy (MeV)

25

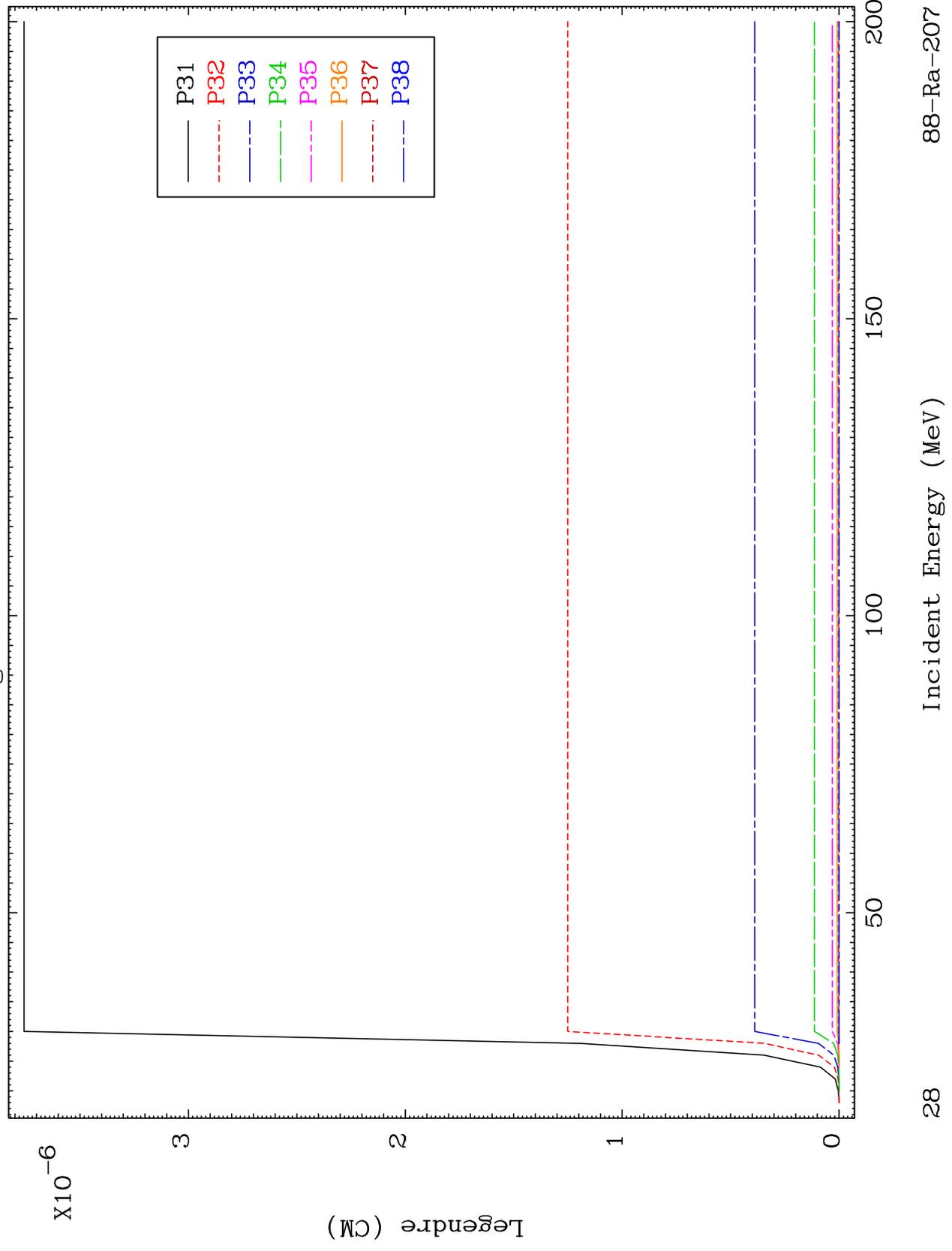




MAT 8777

557.8 keV (n,n') Level
Legendre Coefficients

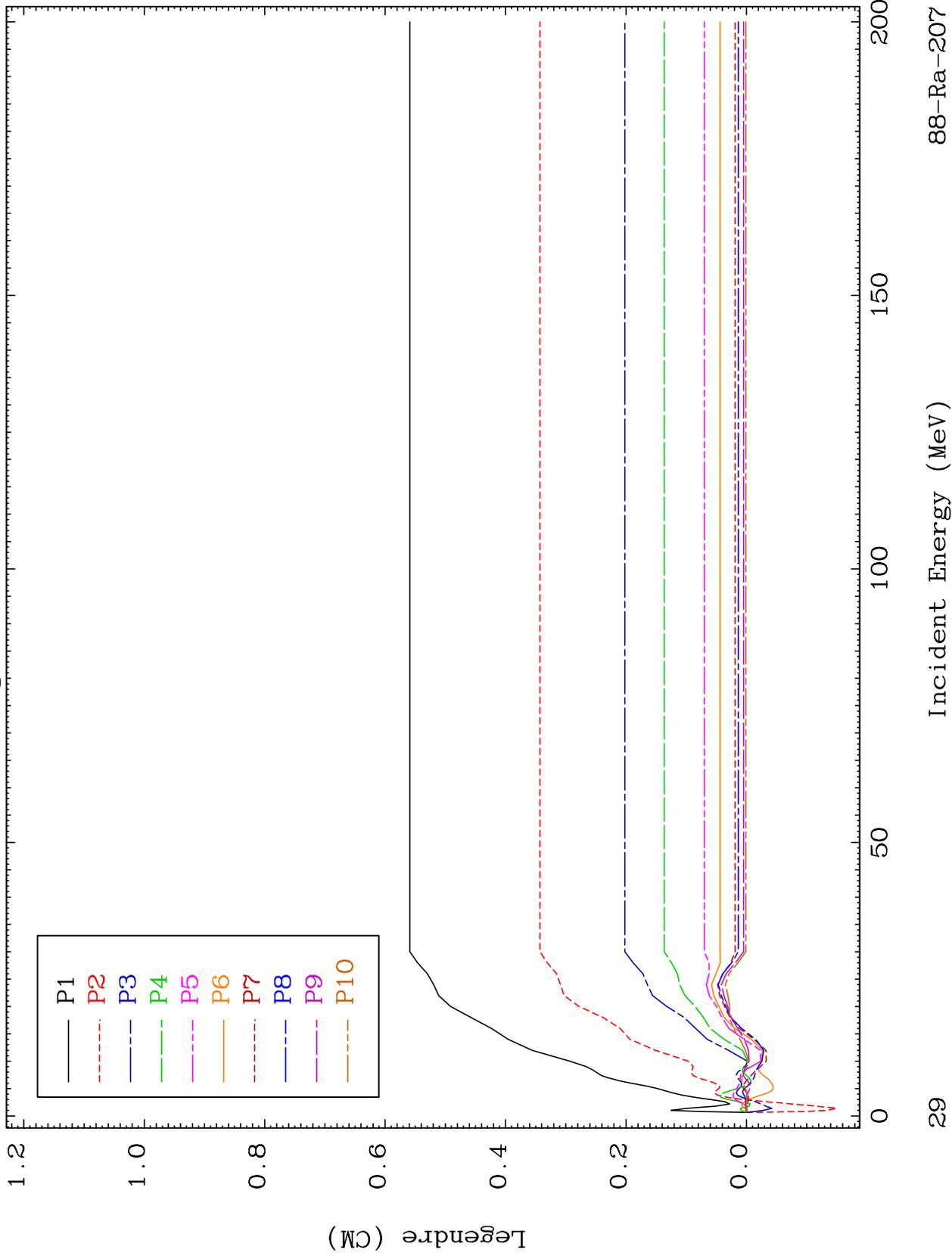
88-Ra-207



MAT 8777

633.6 keV (n, n') Level
Legendre Coefficients

88-Ra-207



29

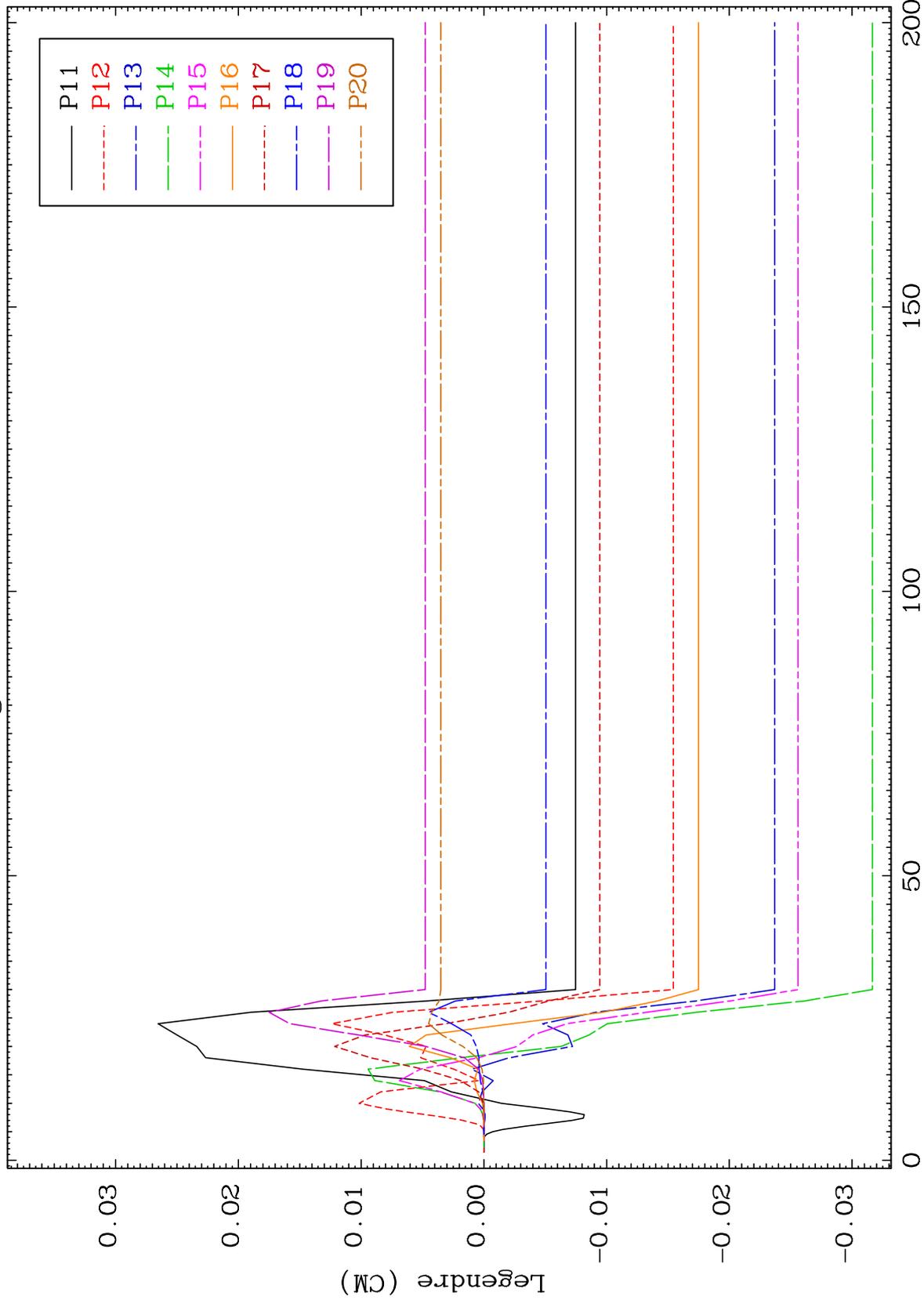
Incident Energy (MeV)

88-Ra-207

MAT 8777

633.6 keV (n,n') Level
Legendre Coefficients

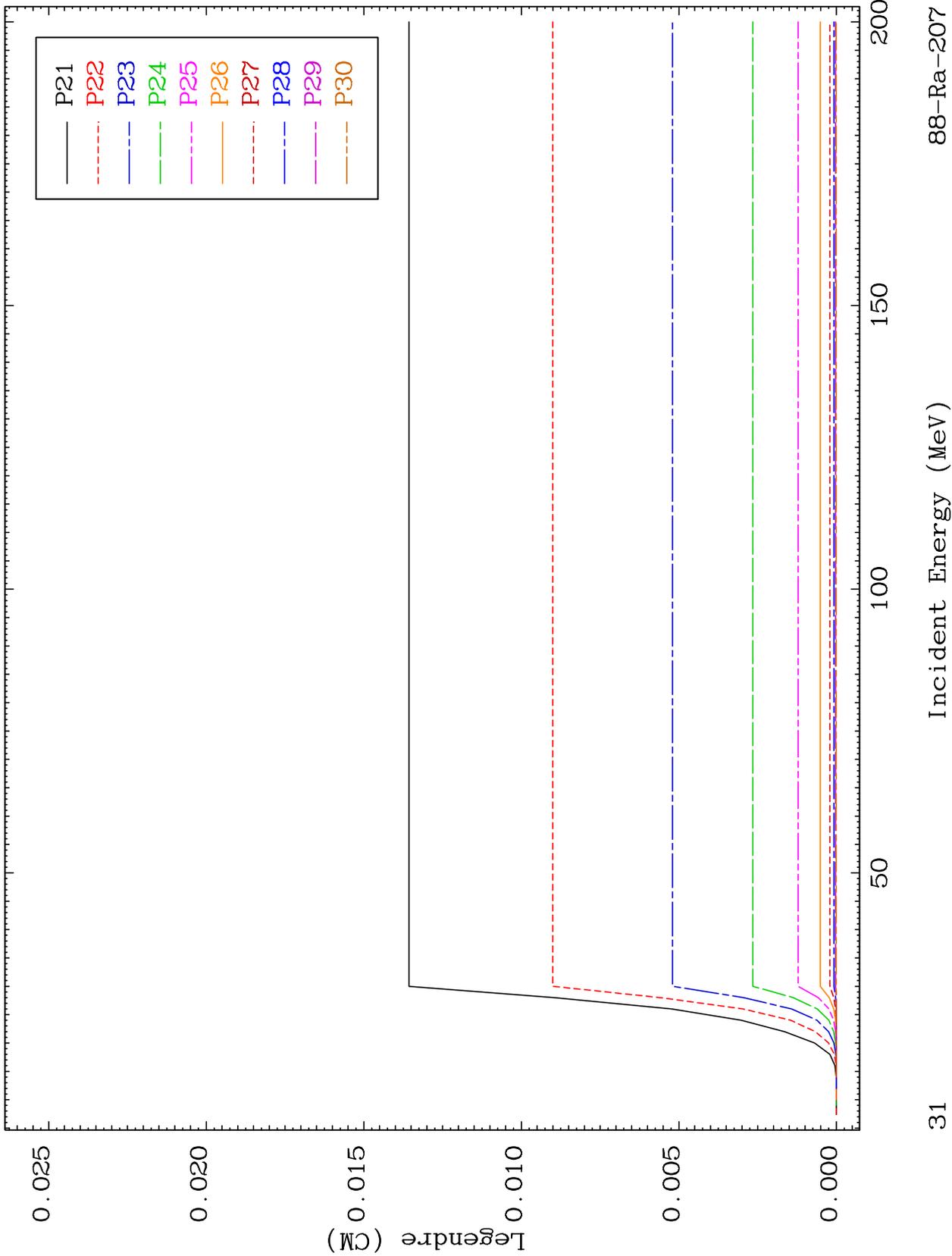
88-Ra-207



88-Ra-207

Incident Energy (MeV)

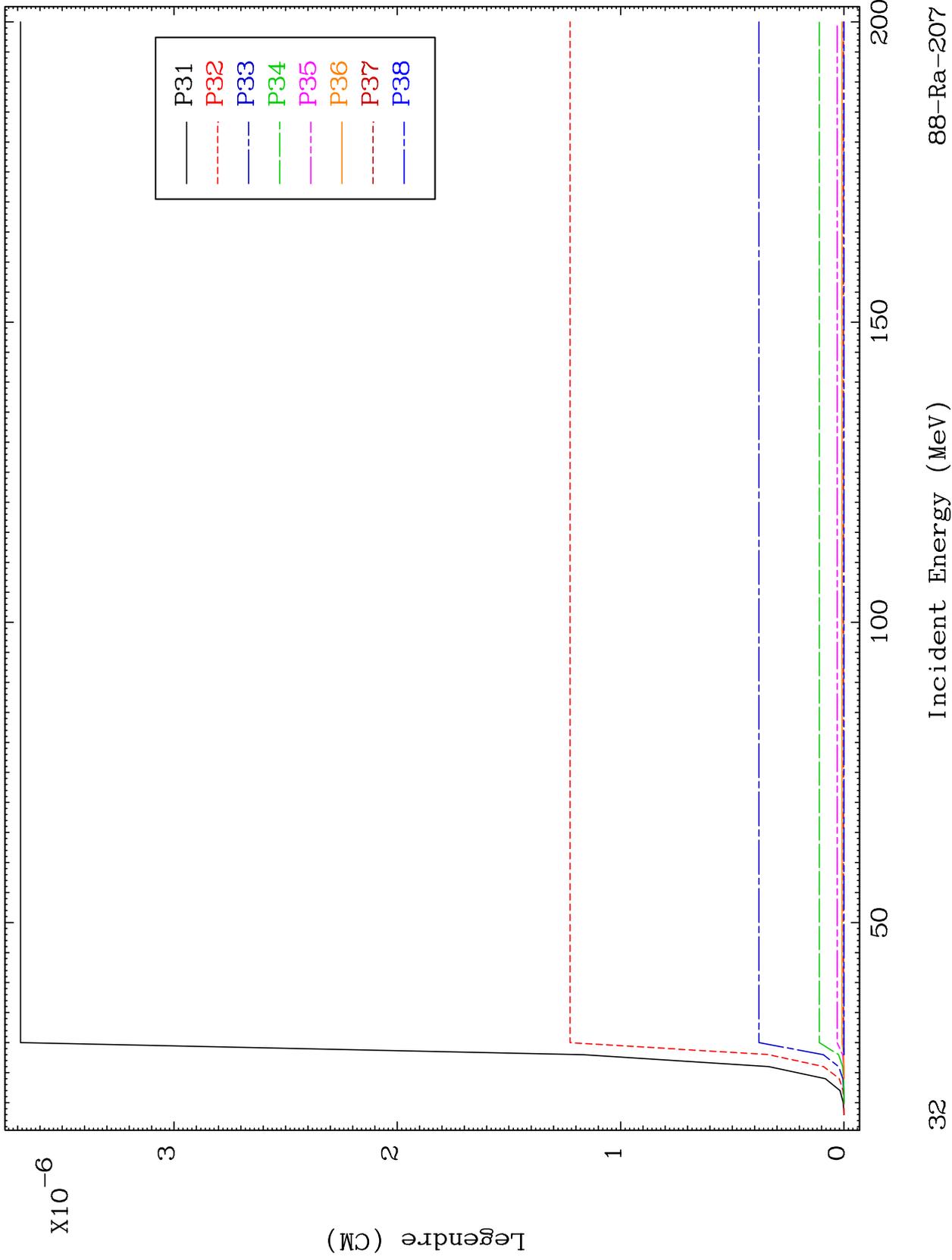
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MAT 8777

633.6 keV (n,n') Level
Legendre Coefficients

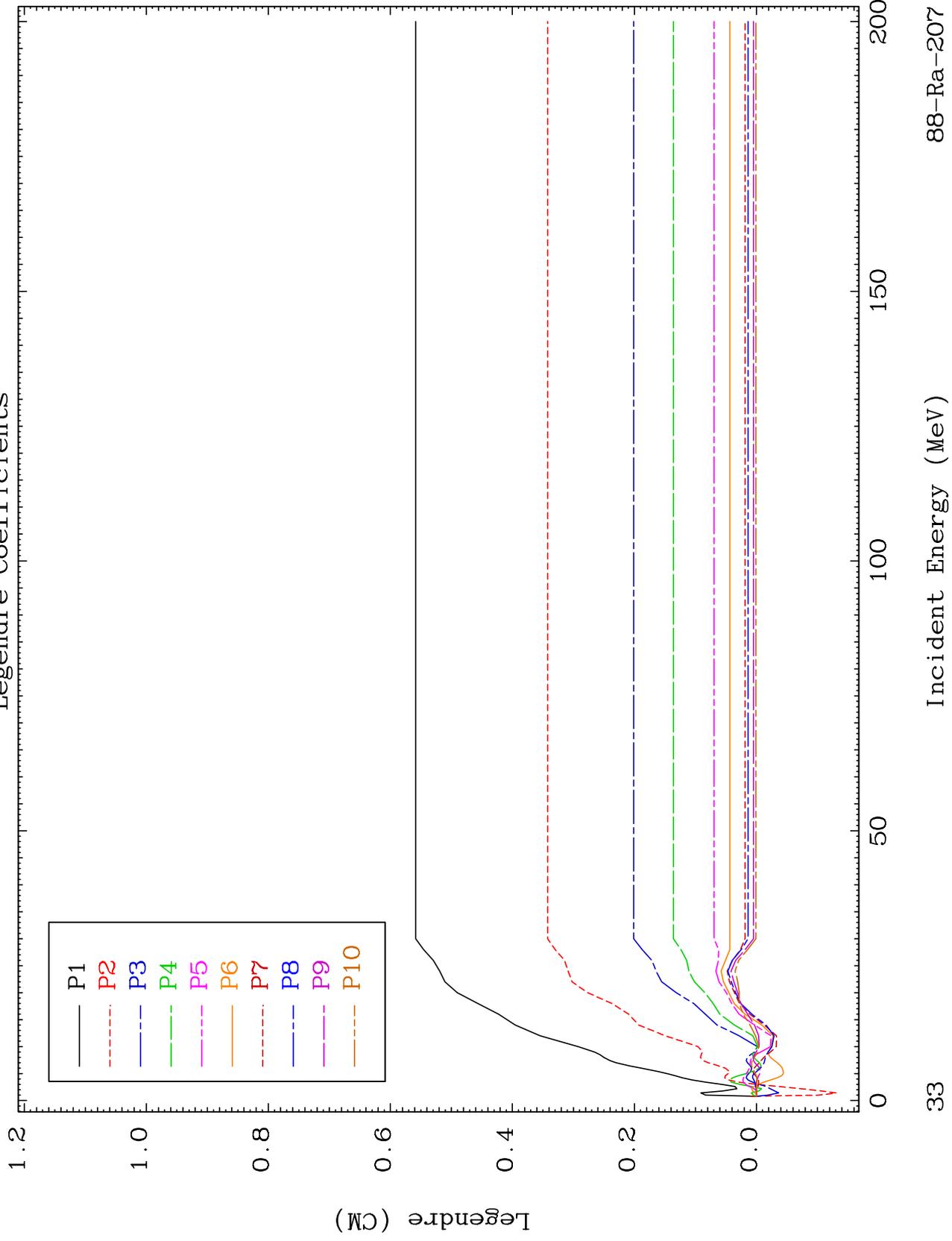
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MAT 8777

738.1 keV (n,n') Level
Legendre Coefficients

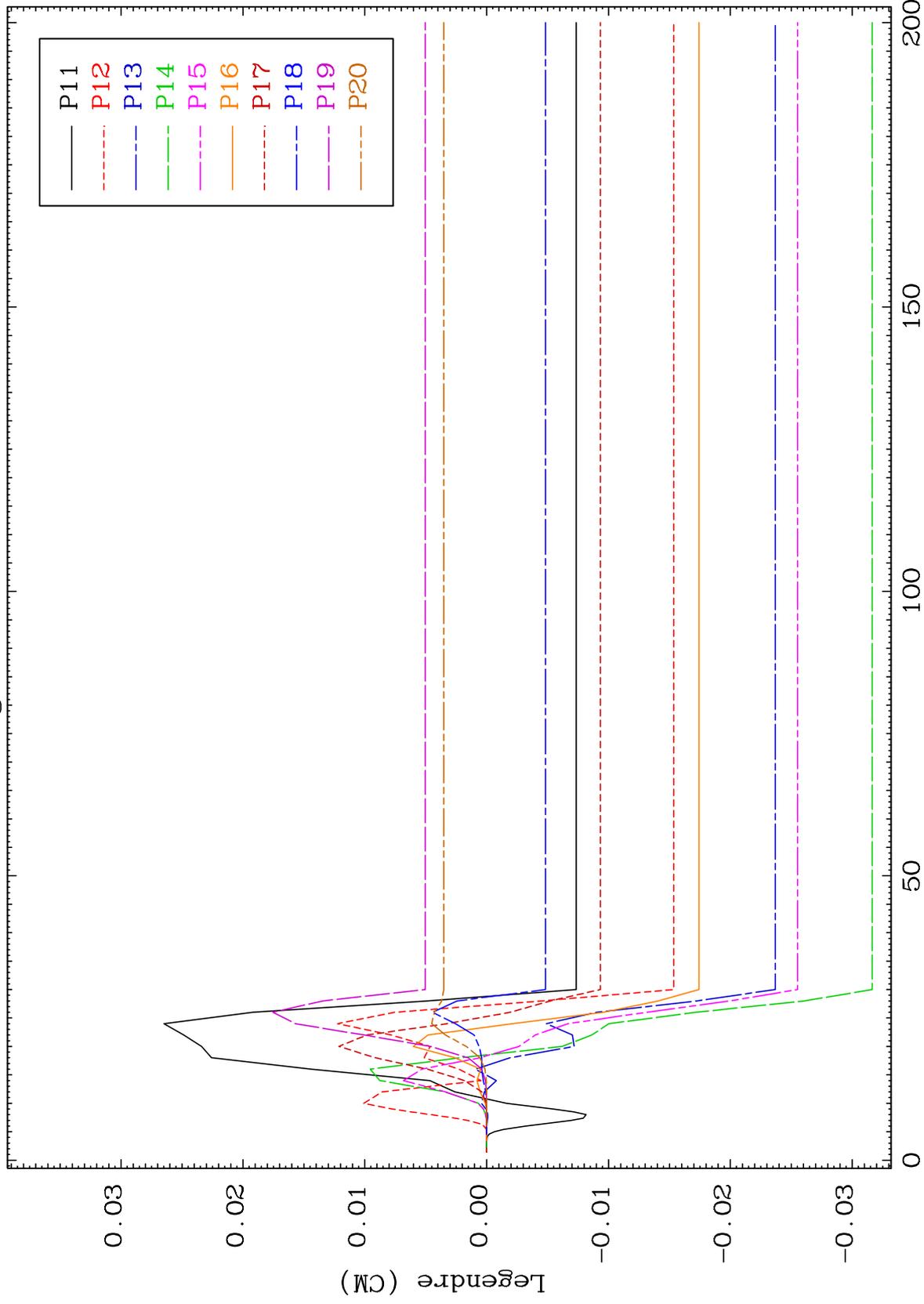
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MAT 8777

738.1 keV (n,n') Level
Legendre Coefficients

88-Ra-207



34

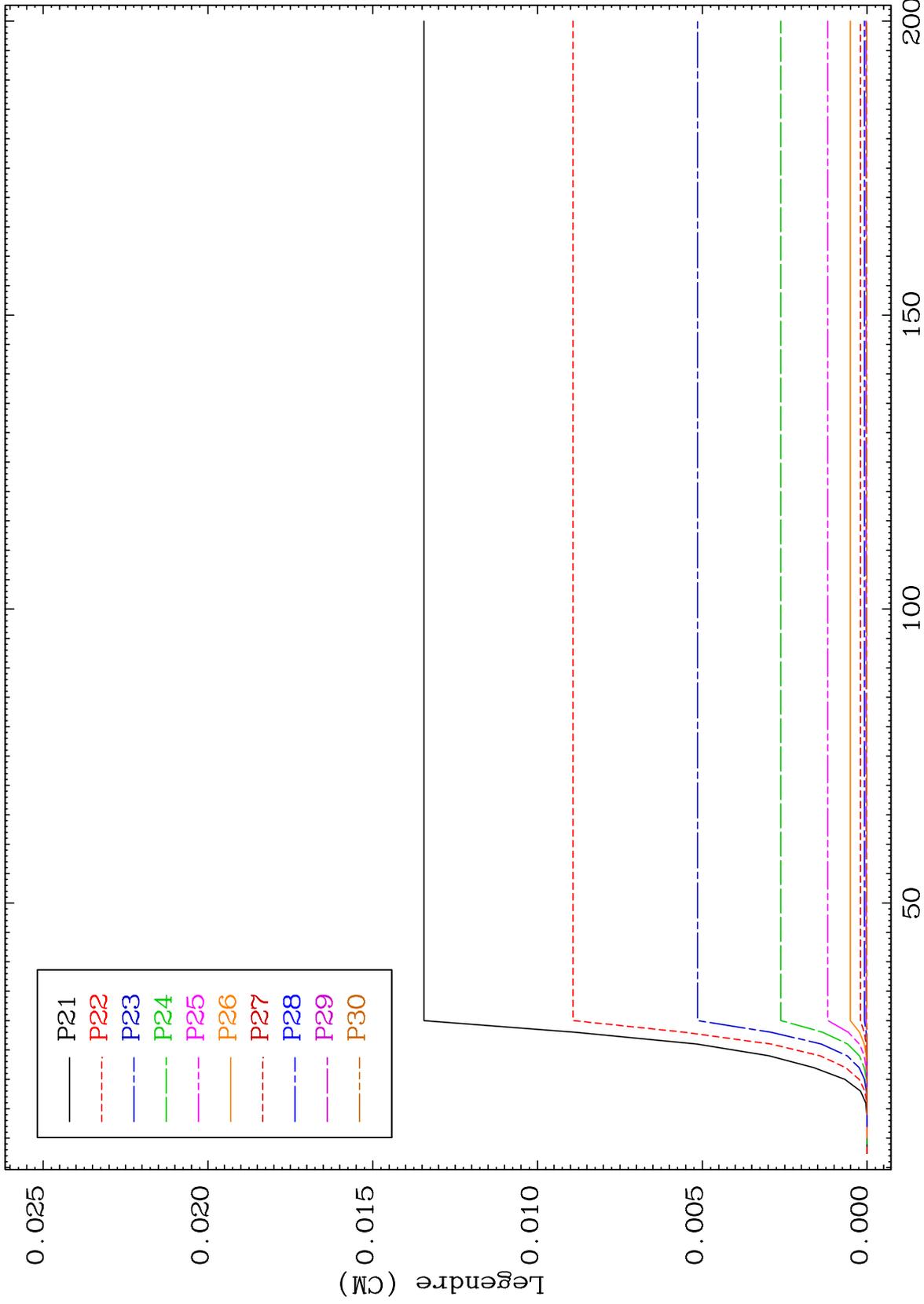
Incident Energy (MeV)

88-Ra-207

MAT 8777

738.1 keV (n,n') Level
Legendre Coefficients

88-Ra-207



35

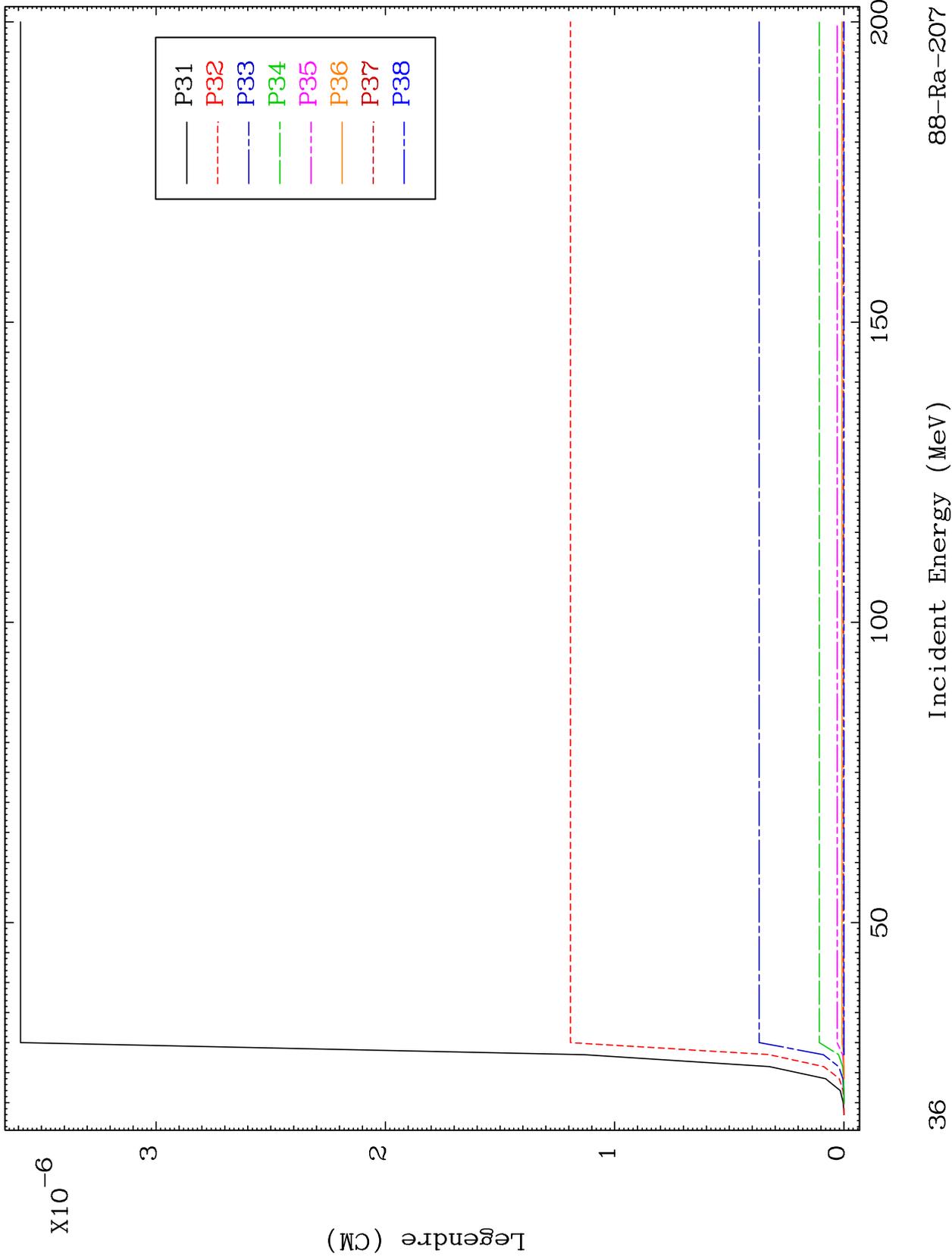
Incident Energy (MeV)

88-Ra-207

MAT 8777

738.1 keV (n,n') Level
Legendre Coefficients

88-Ra-207

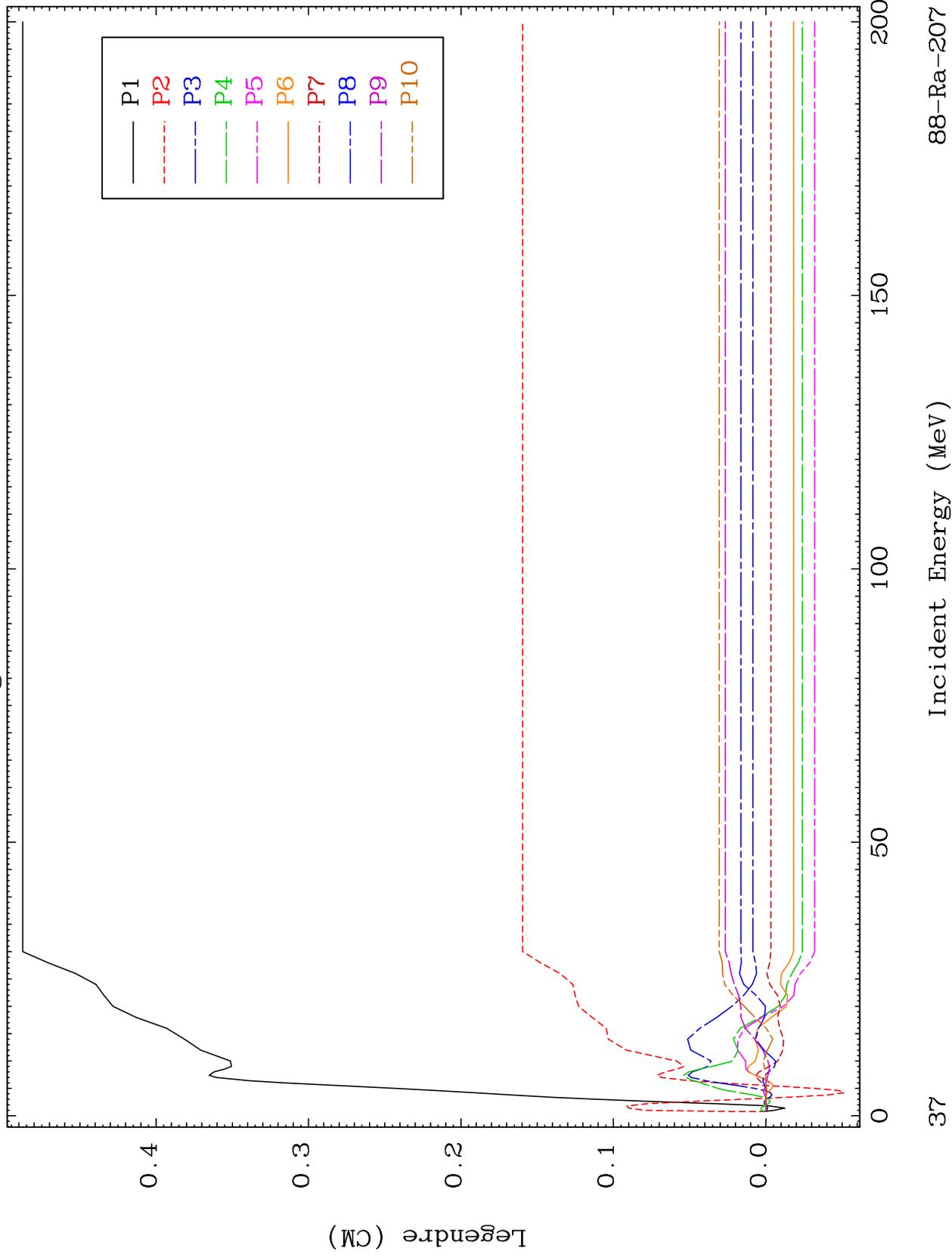


36

MAT 8777

758.1 keV (n,n') Level
Legendre Coefficients

88-Ra-207



88-Ra-207

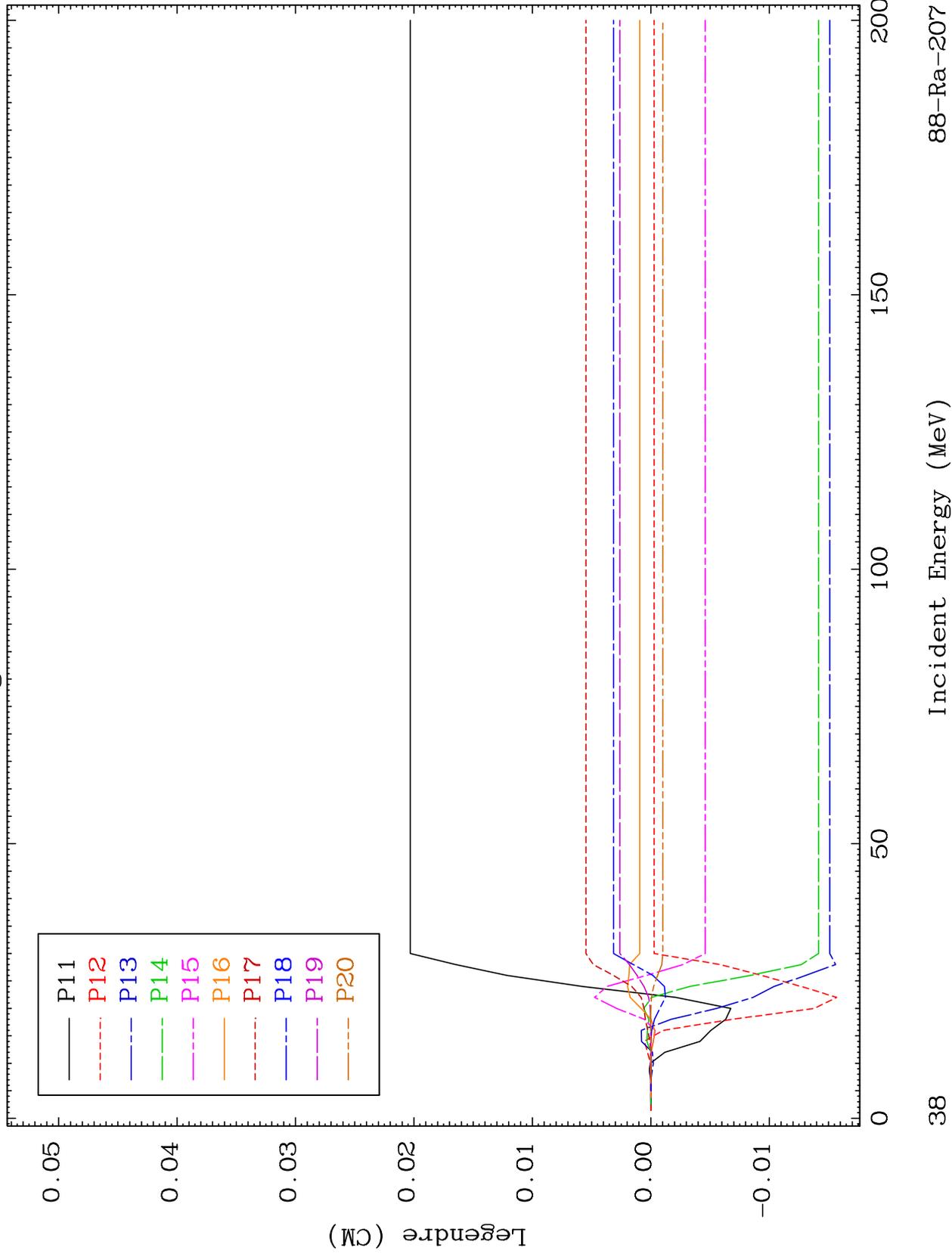
Incident Energy (MeV)

37

MAT 8777

758.1 keV (n,n') Level
Legendre Coefficients

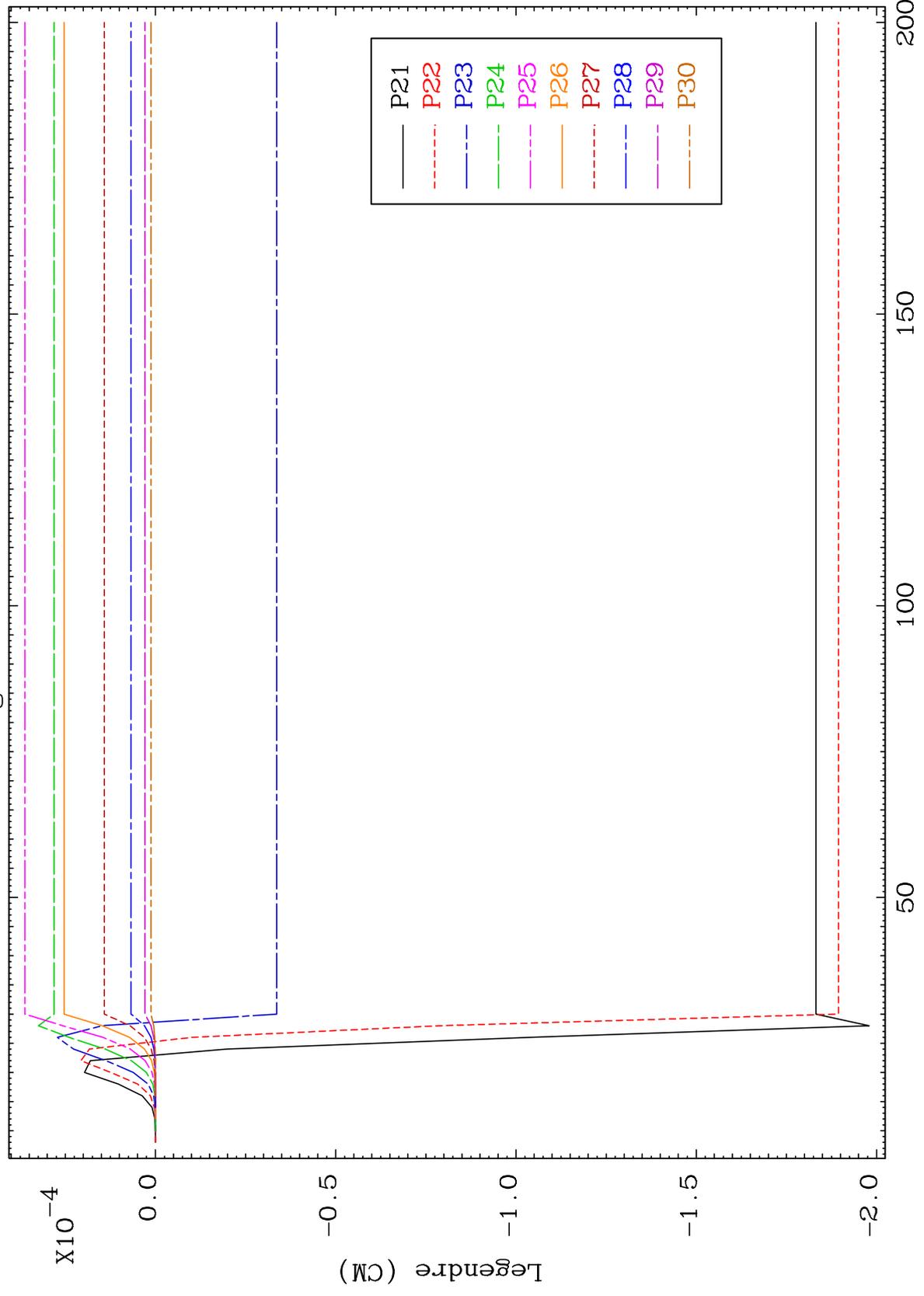
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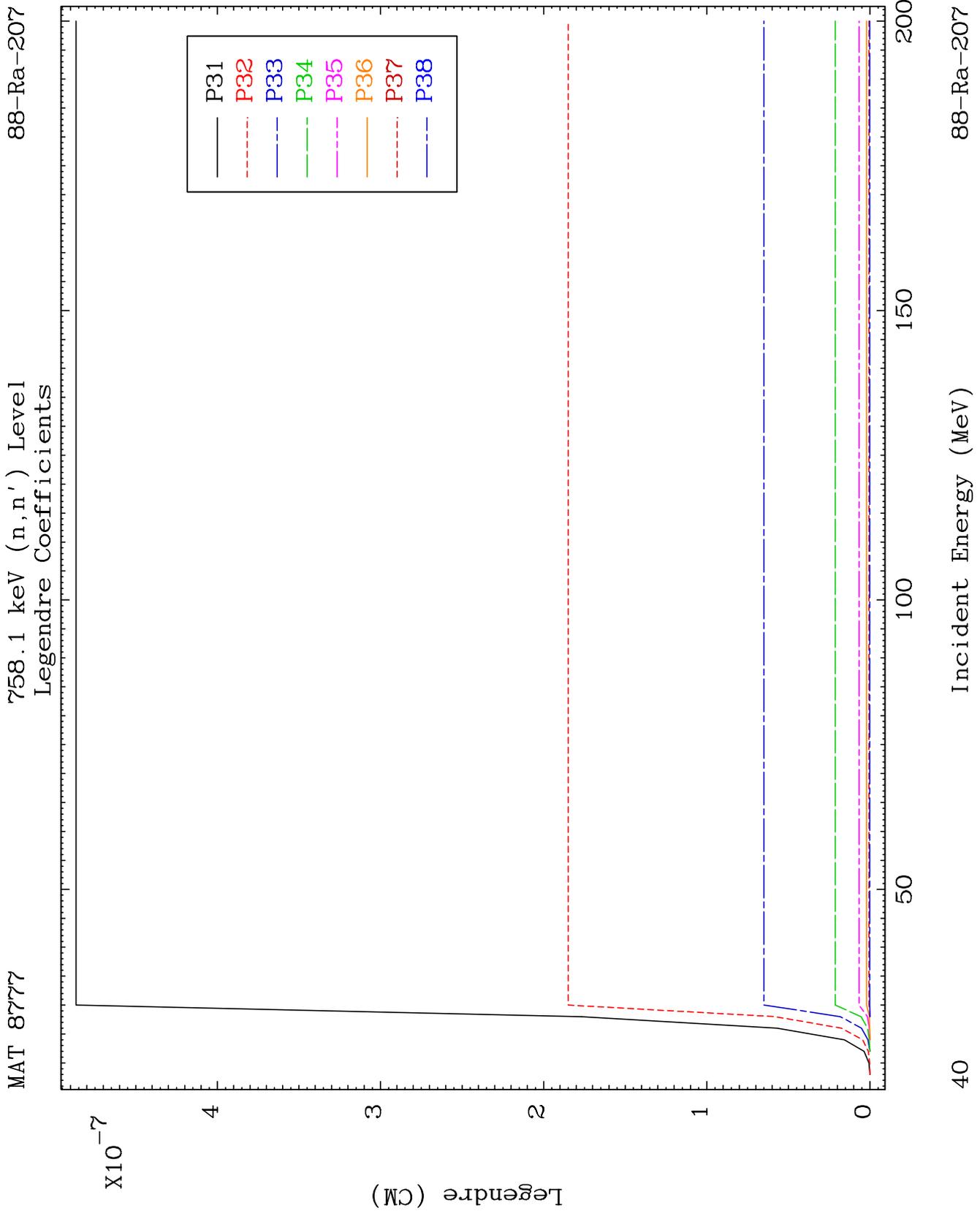


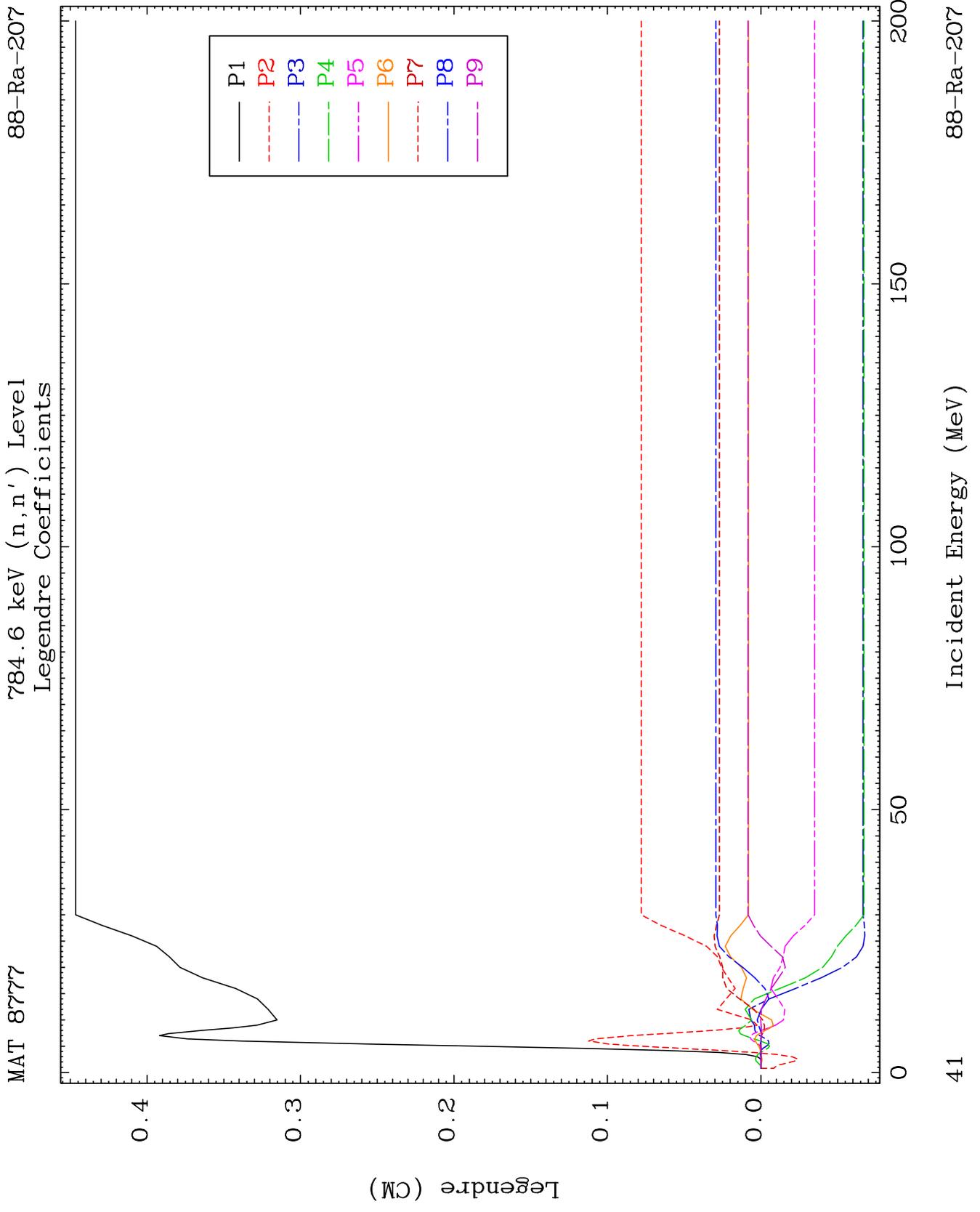
88-Ra-207

Incident Energy (MeV)

38



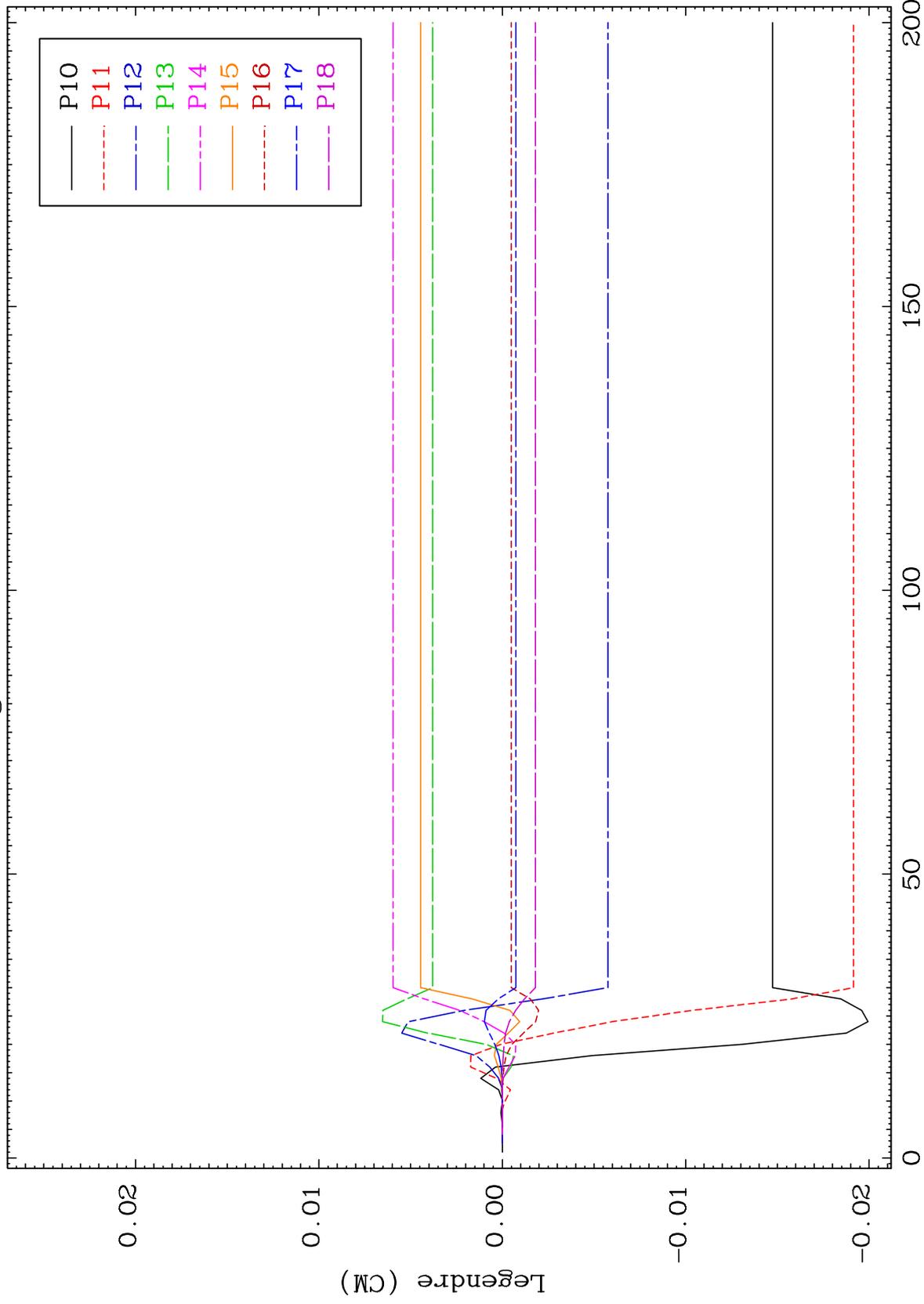




MAT 8777

784.6 keV (n,n') Level
Legendre Coefficients

88-Ra-207



42

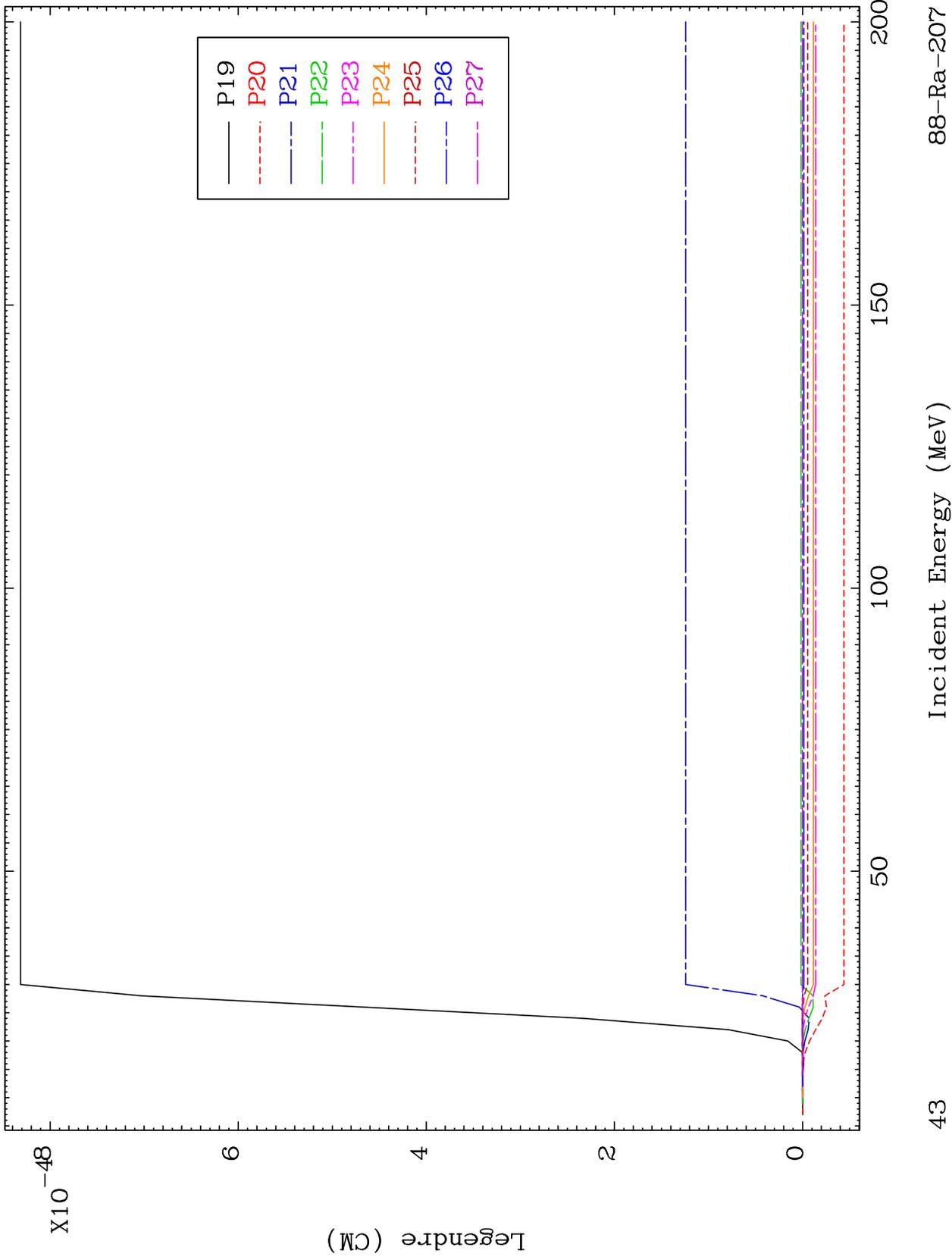
Incident Energy (MeV)

88-Ra-207

MAT 8777

784.6 keV (n,n') Level
Legendre Coefficients

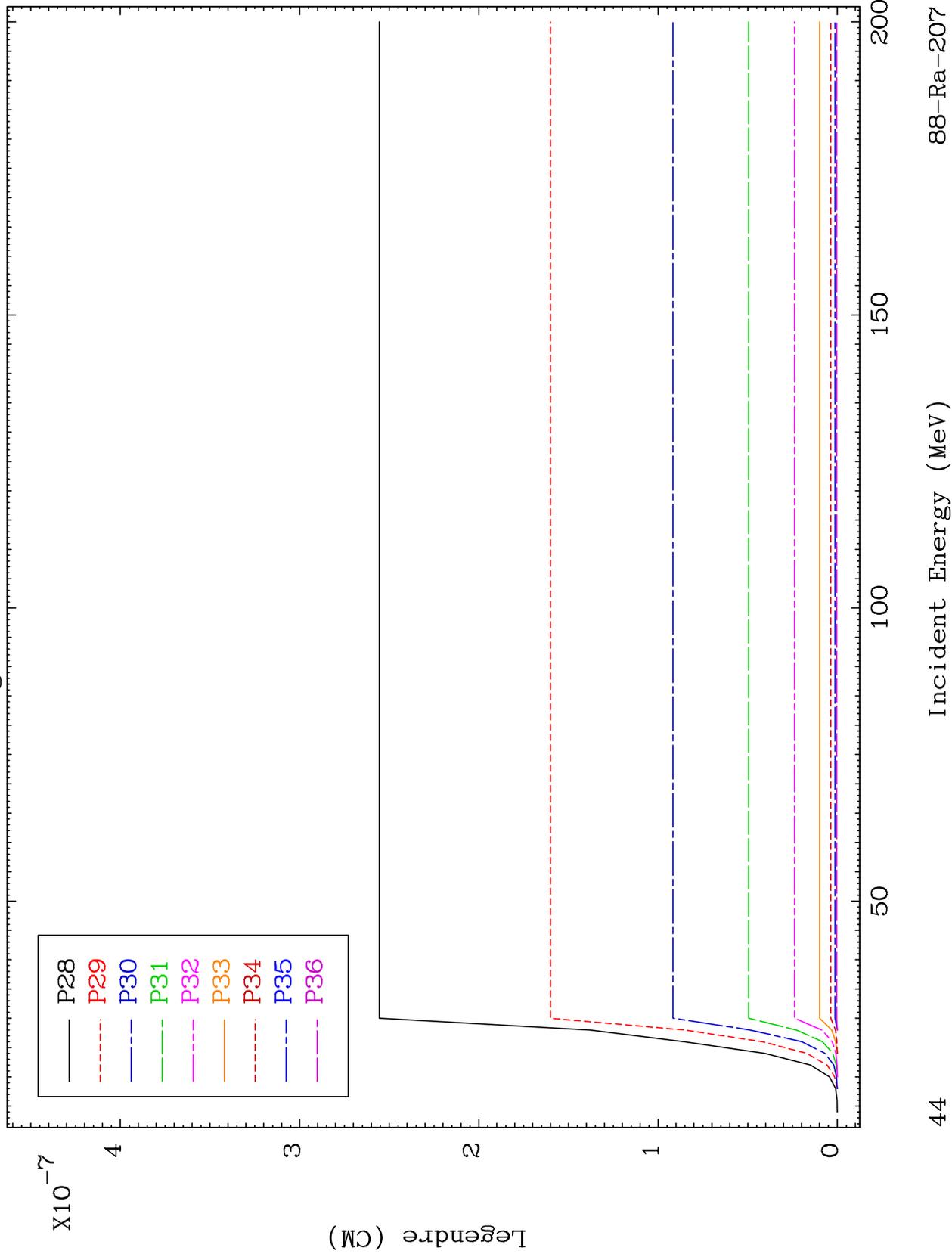
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MAT 8777

784.6 keV (n,n') Level
Legendre Coefficients

88-Ra-207



44

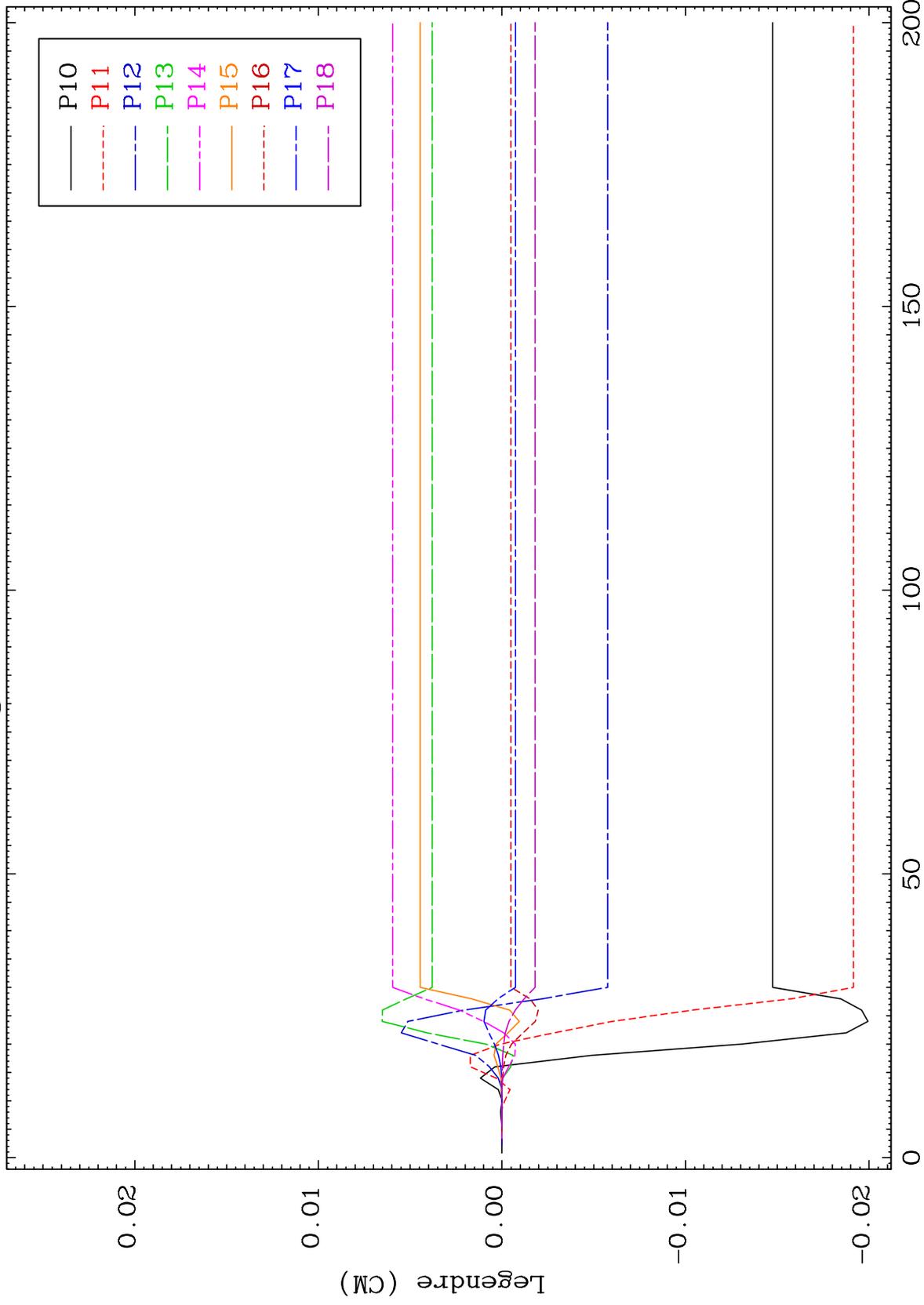
Incident Energy (MeV)

88-Ra-207

MAT 8777

786.4 keV (n,n') Level
Legendre Coefficients

88-Ra-207



46

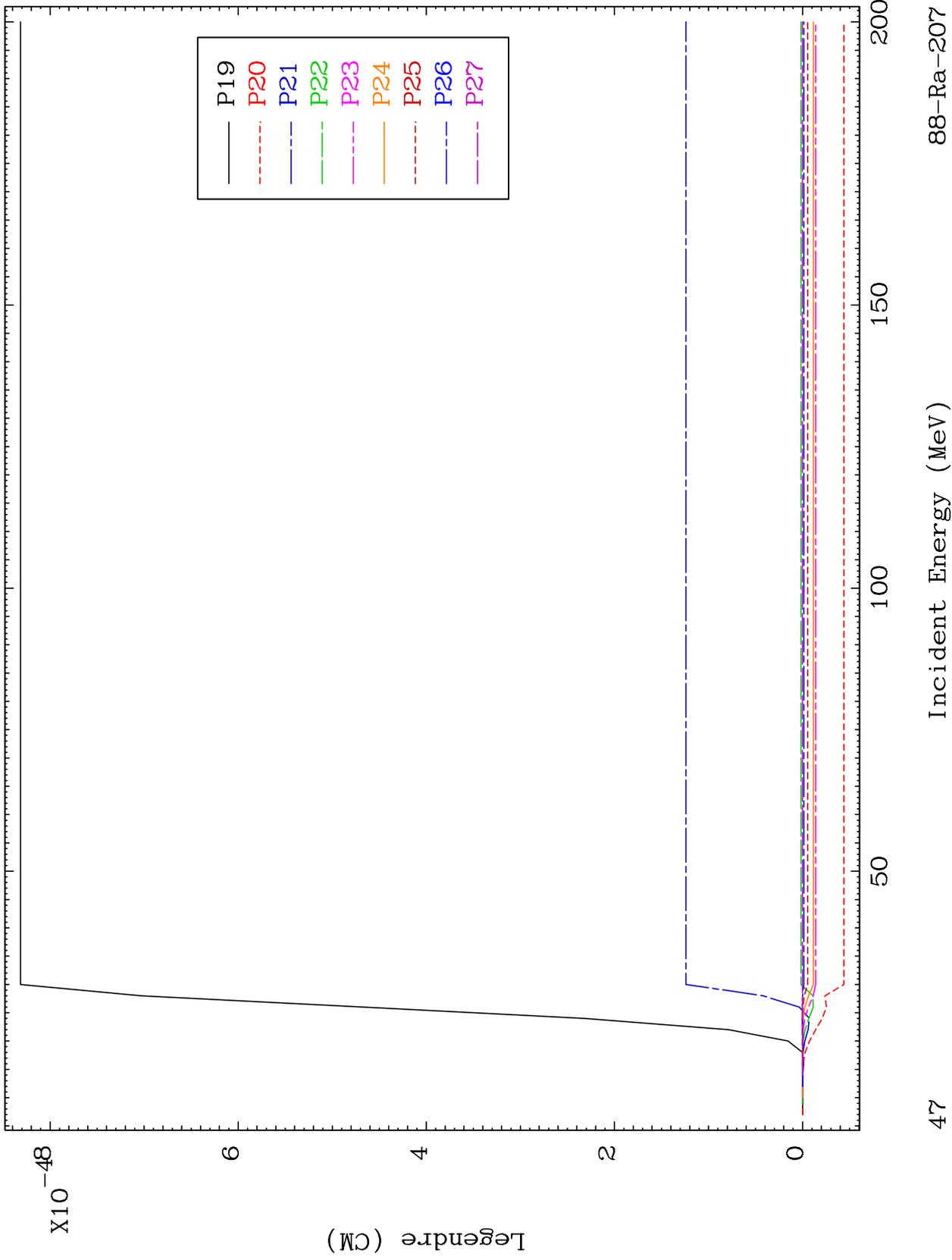
Incident Energy (MeV)

88-Ra-207

MAT 8777

786.4 keV (n,n') Level
Legendre Coefficients

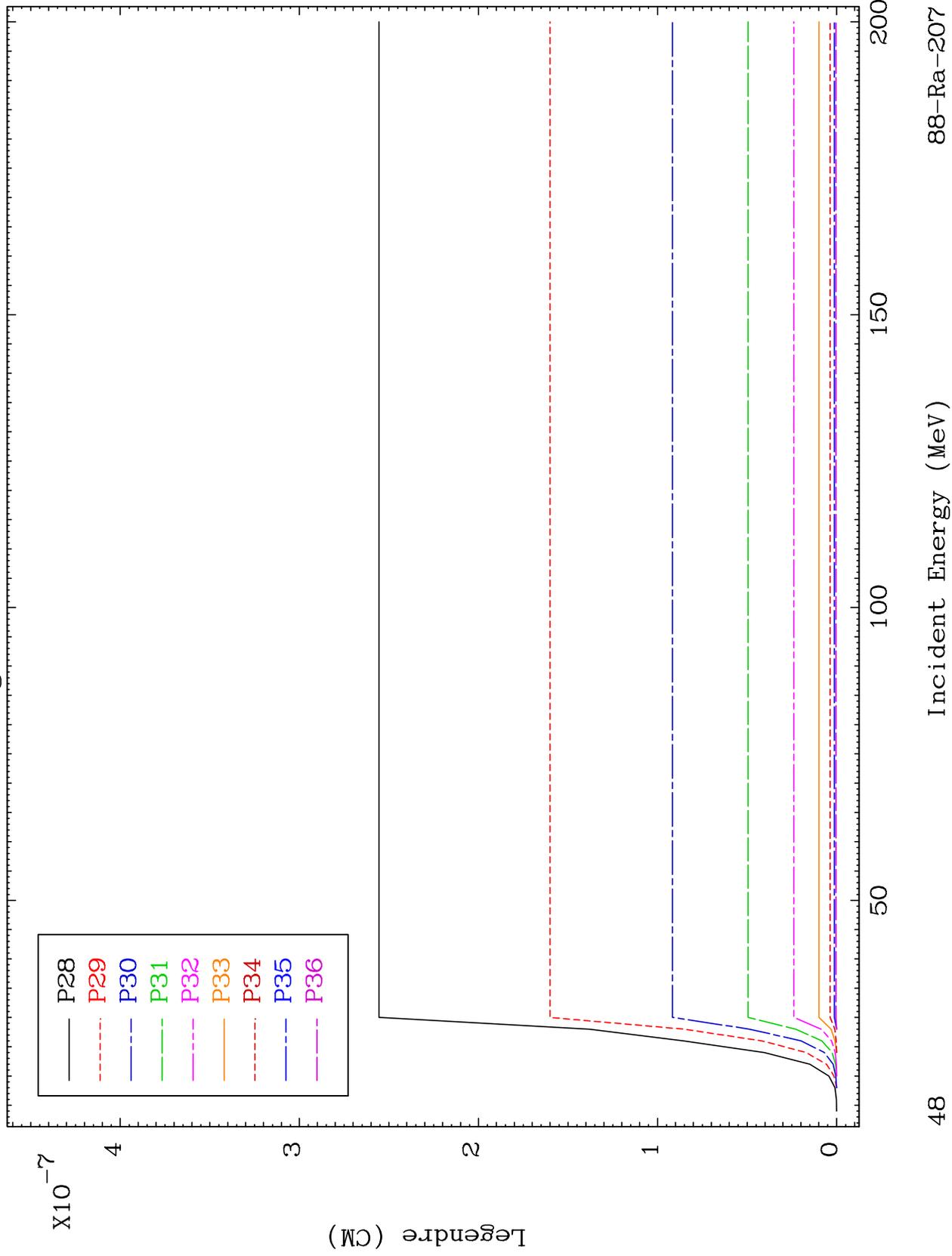
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MAT 8777

786.4 keV (n,n') Level
Legendre Coefficients

88-Ra-207



48

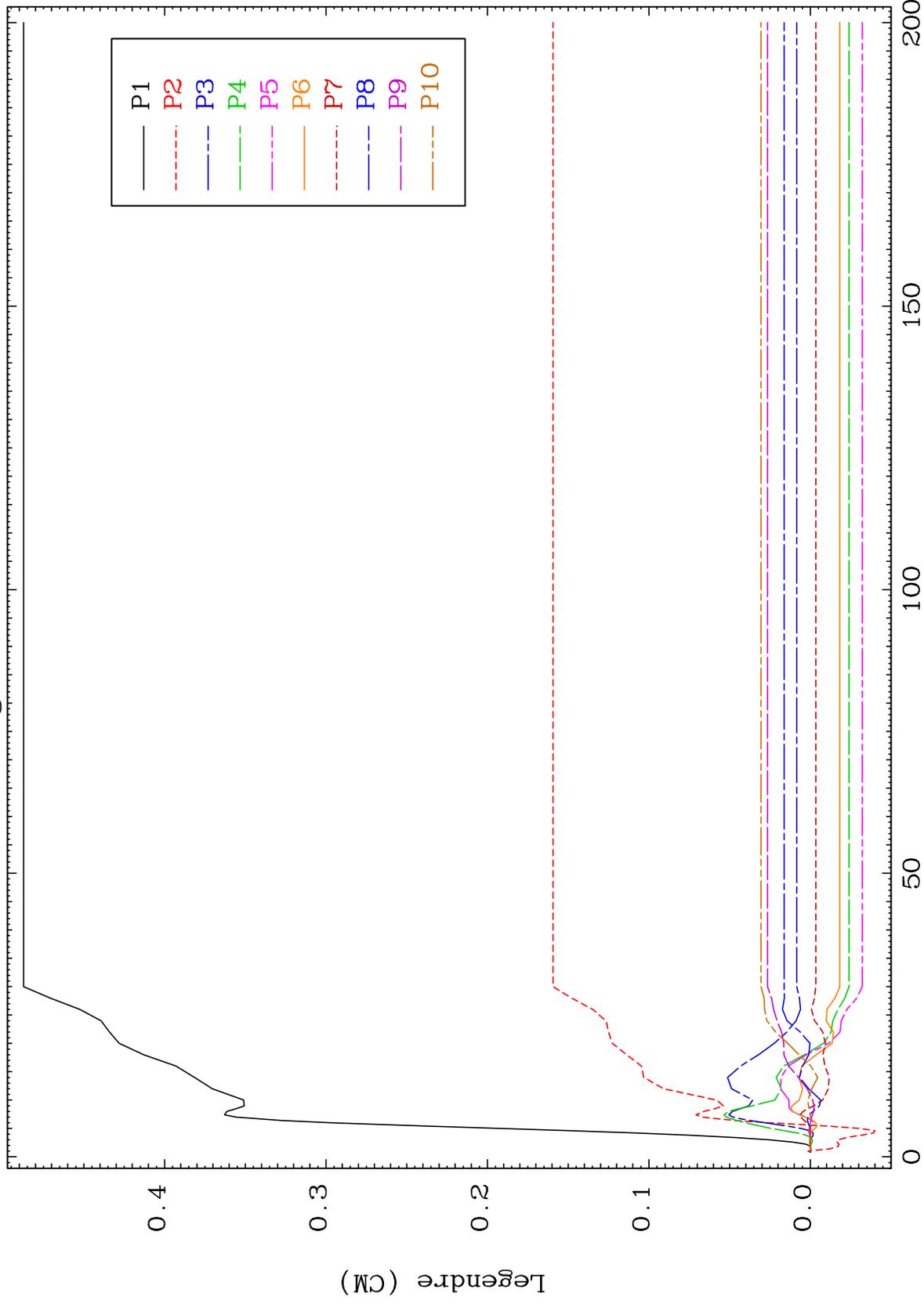
Incident Energy (MeV)

88-Ra-207

MAT 8777

804.5 keV (n,n') Level
Legendre Coefficients

88-Ra-207



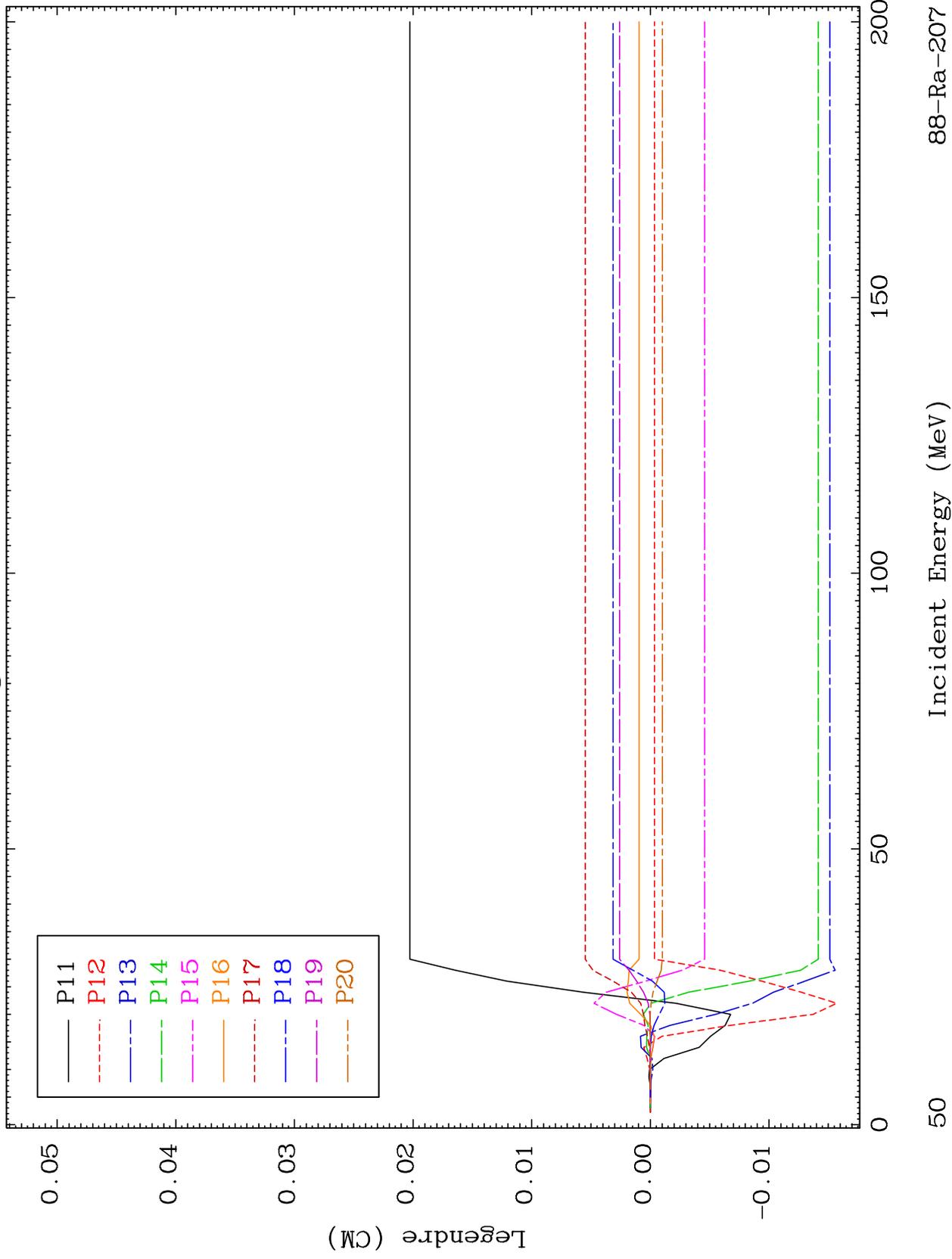
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88-Ra-207

MAT 8777

804.5 keV (n,n') Level
Legendre Coefficients

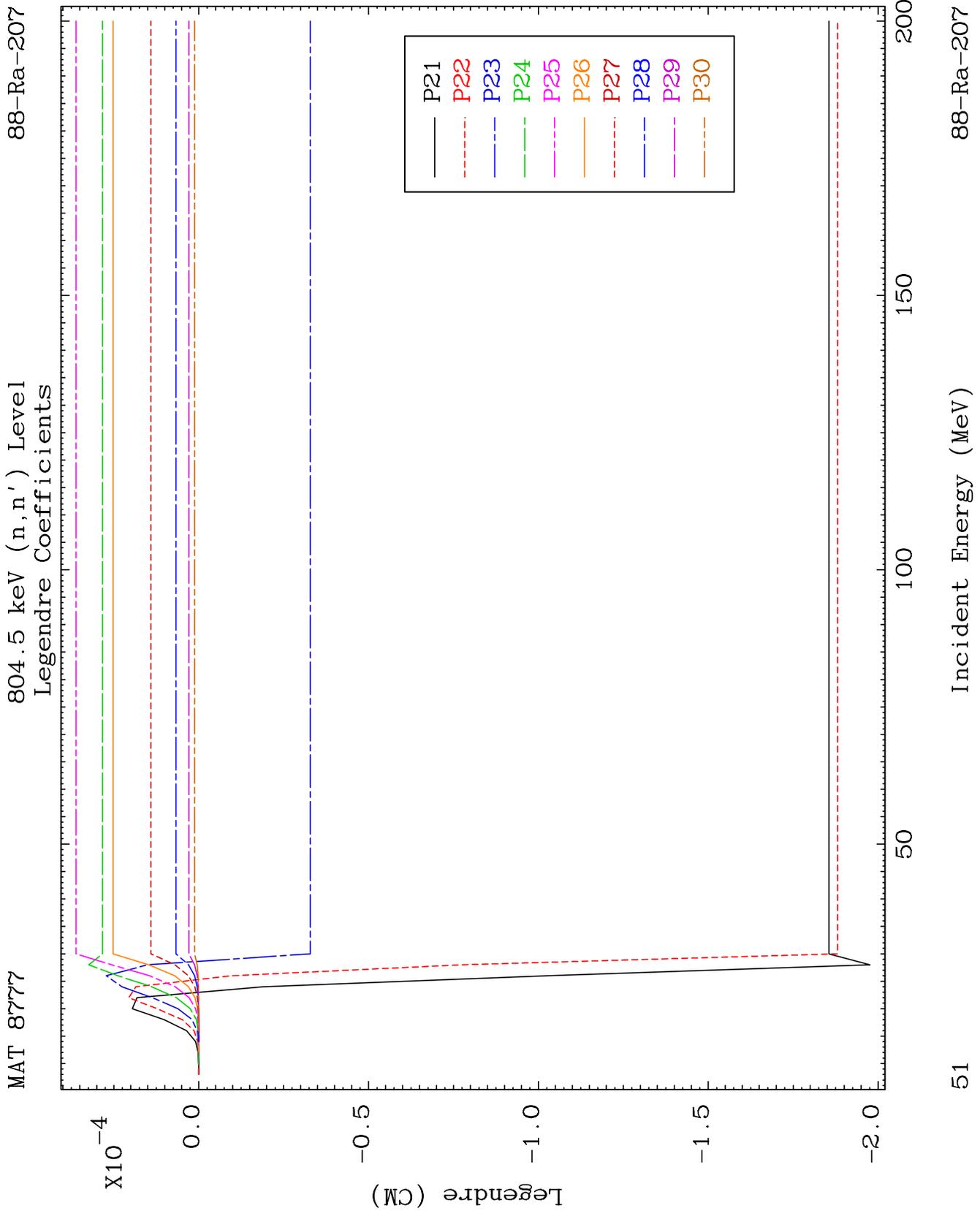
88-Ra-207



88-Ra-207

Incident Energy (MeV)

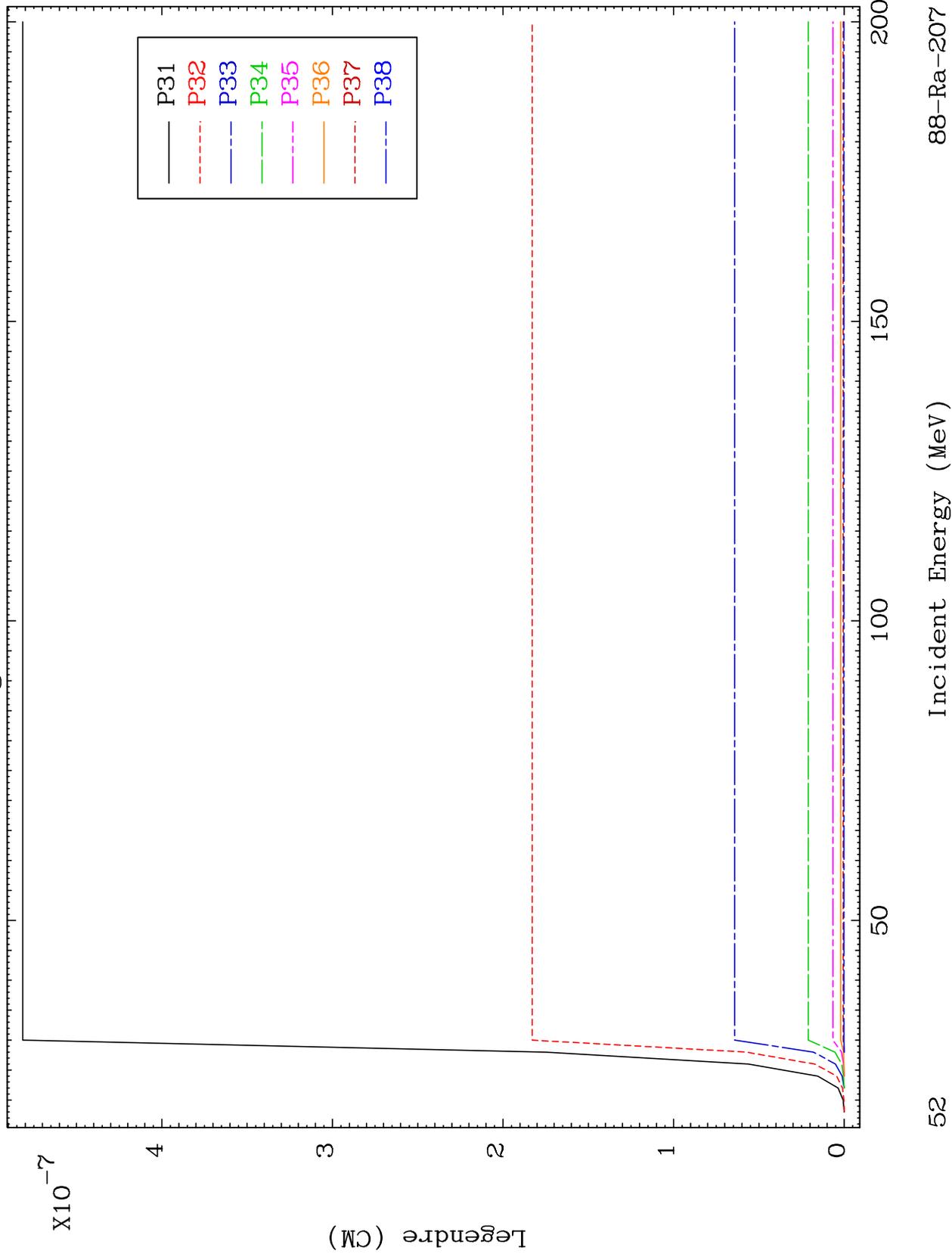
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MAT 8777

804.5 keV (n, n') Level
Legendre Coefficients

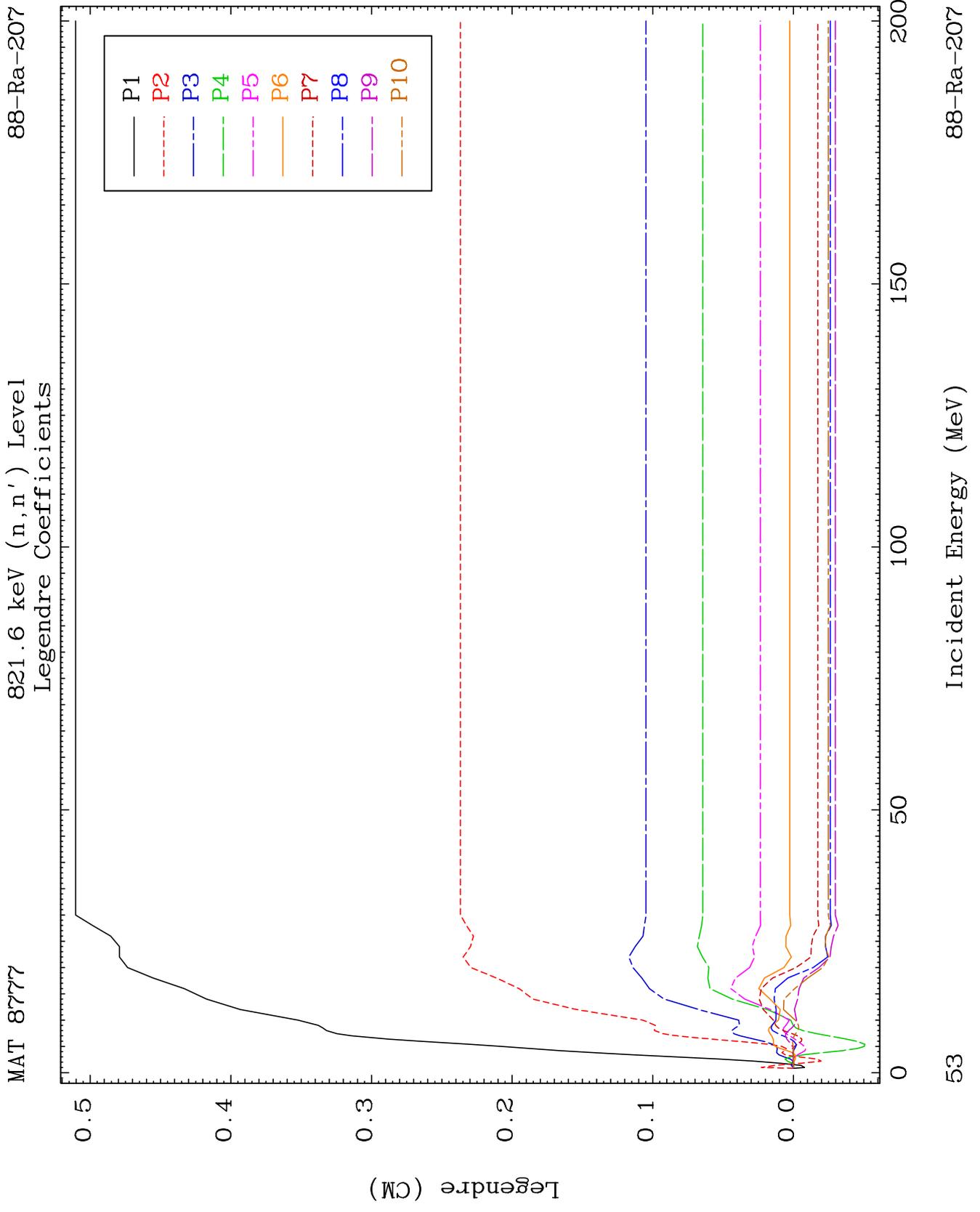
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Incident Energy (MeV)

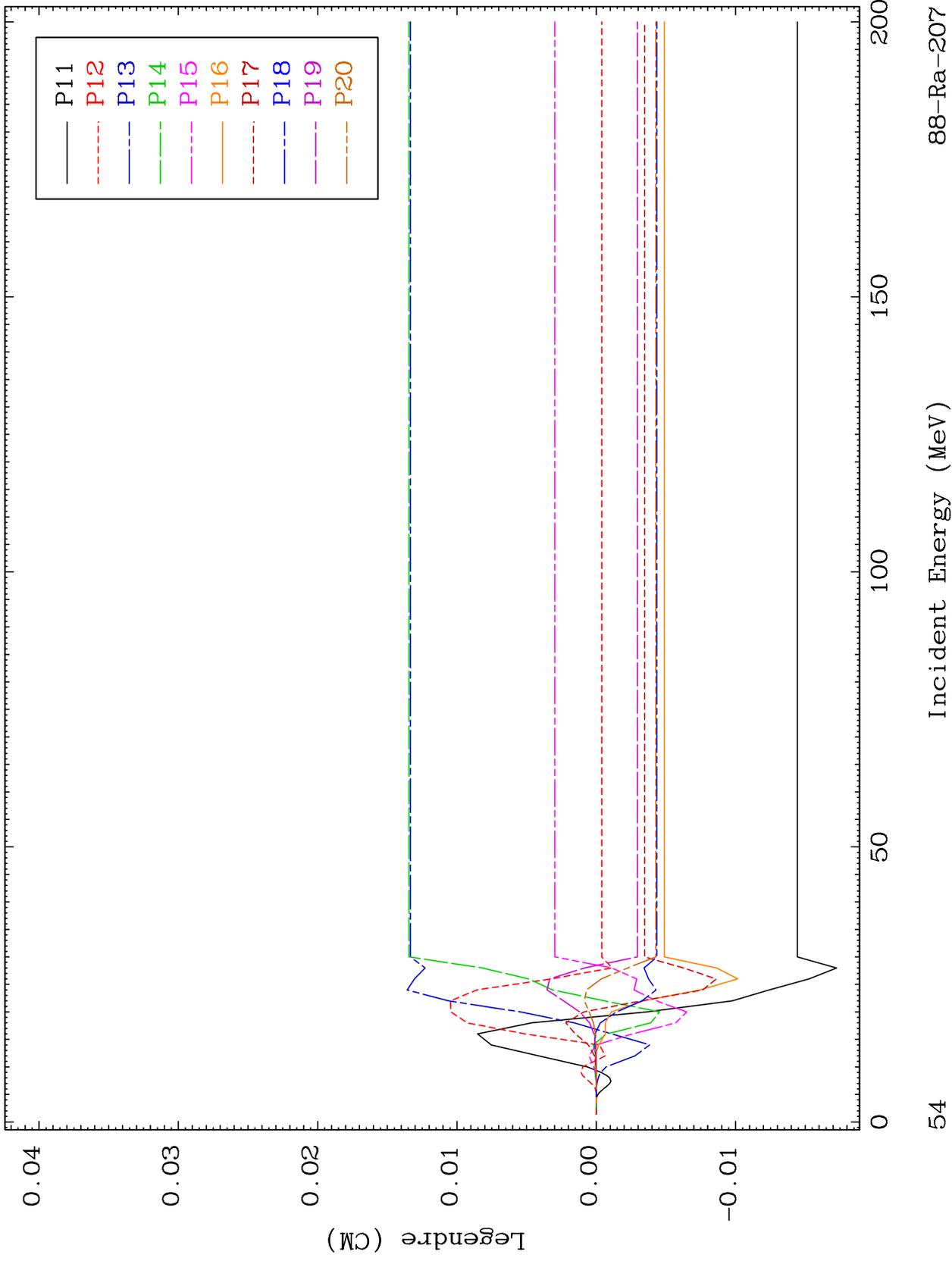
88-Ra-207



MAT 8777

821.6 keV (n,n') Level
Legendre Coefficients

88-Ra-207



54

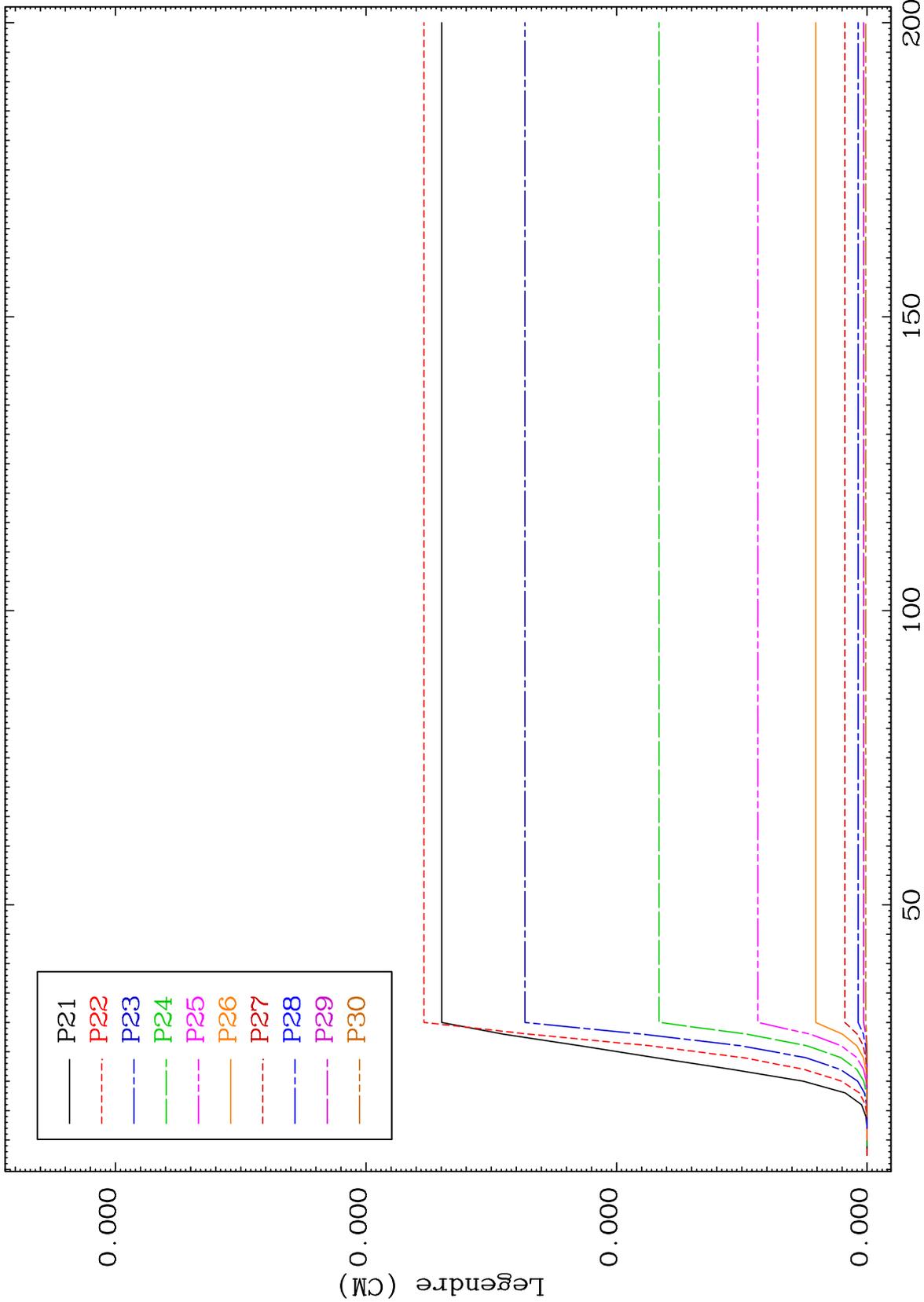
Incident Energy (MeV)

88-Ra-207

MAT 8777

821.6 keV (n,n') Level
Legendre Coefficients

88-Ra-207



55

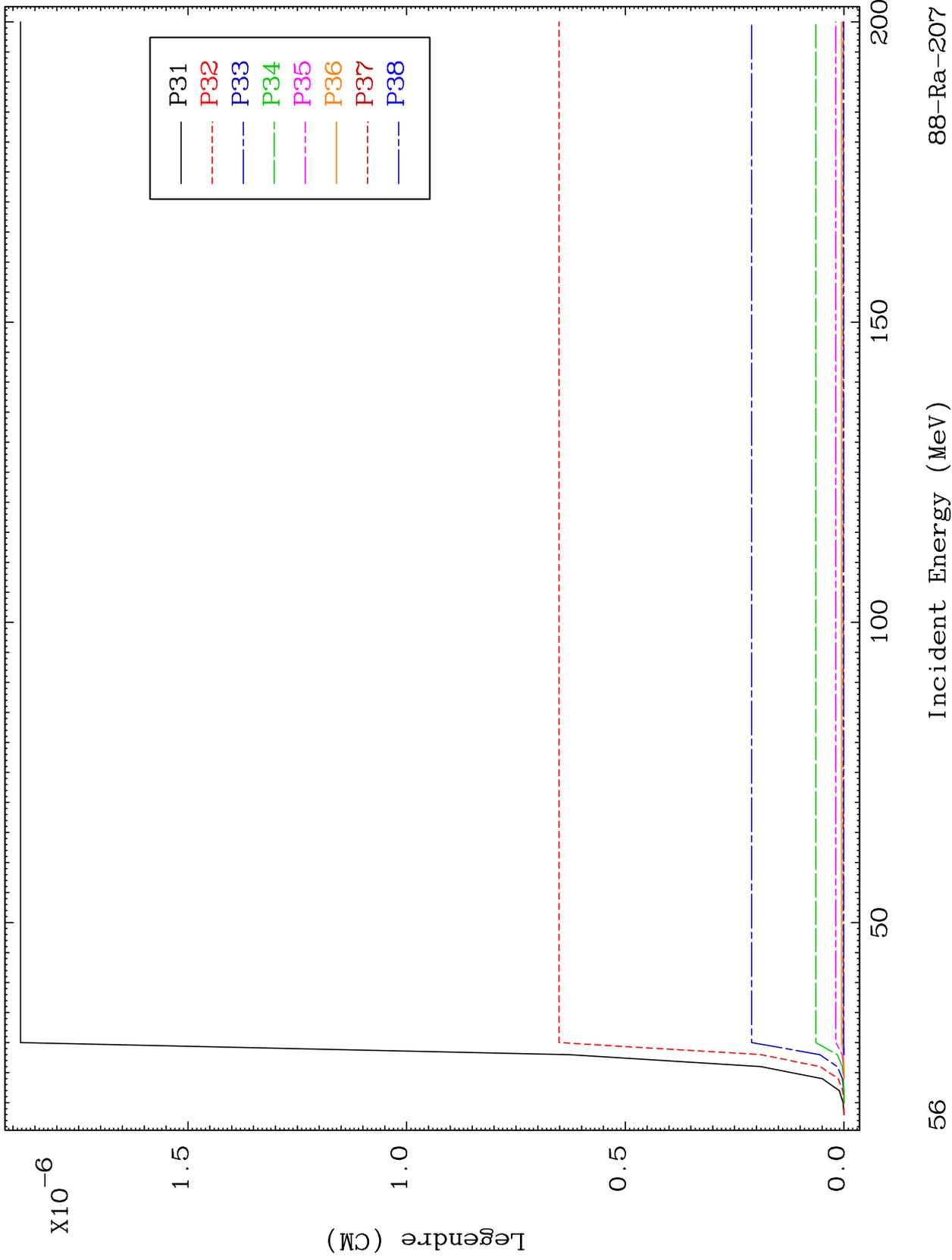
Incident Energy (MeV)

88-Ra-207

MAT 8777

821.6 keV (n,n') Level
Legendre Coefficients

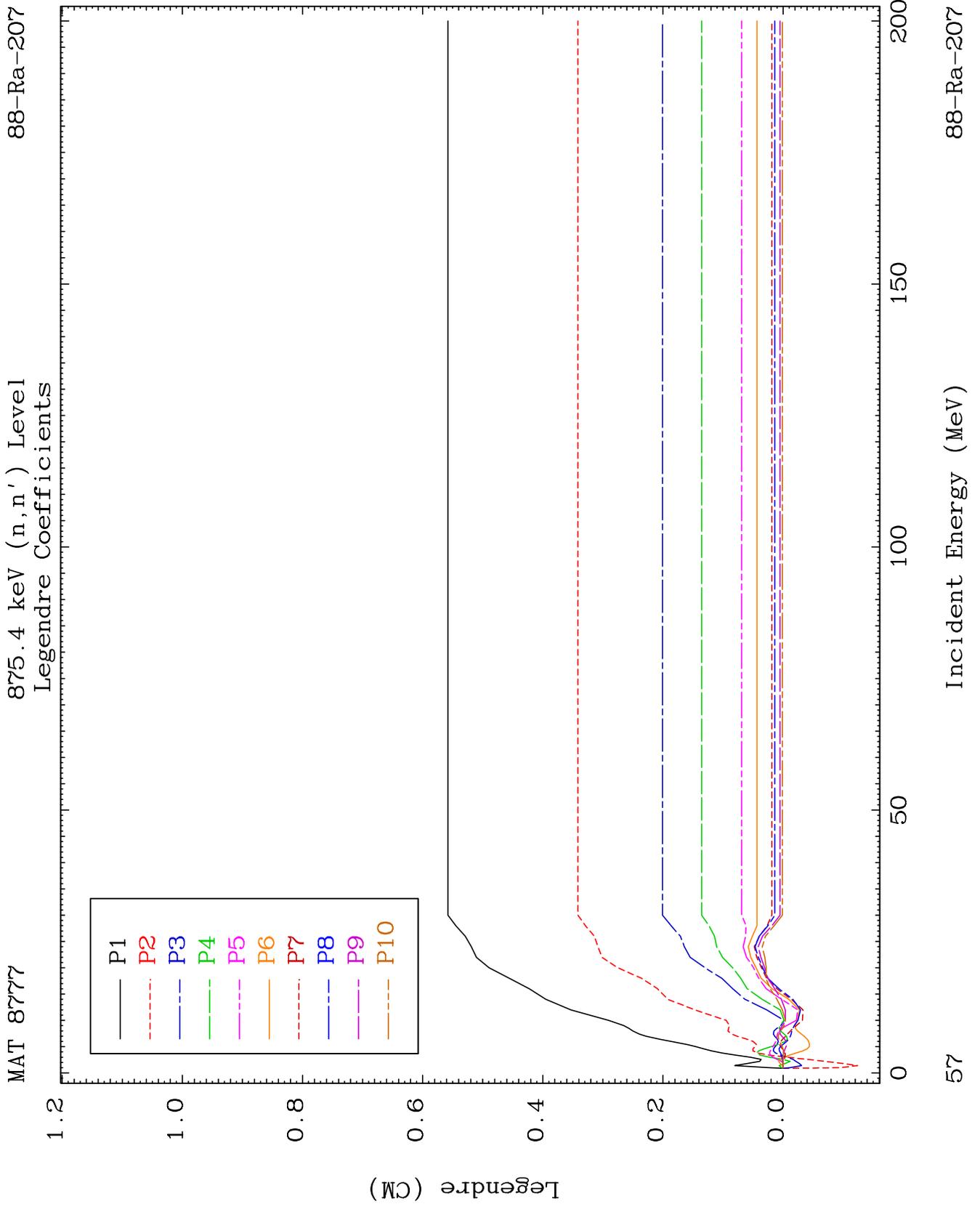
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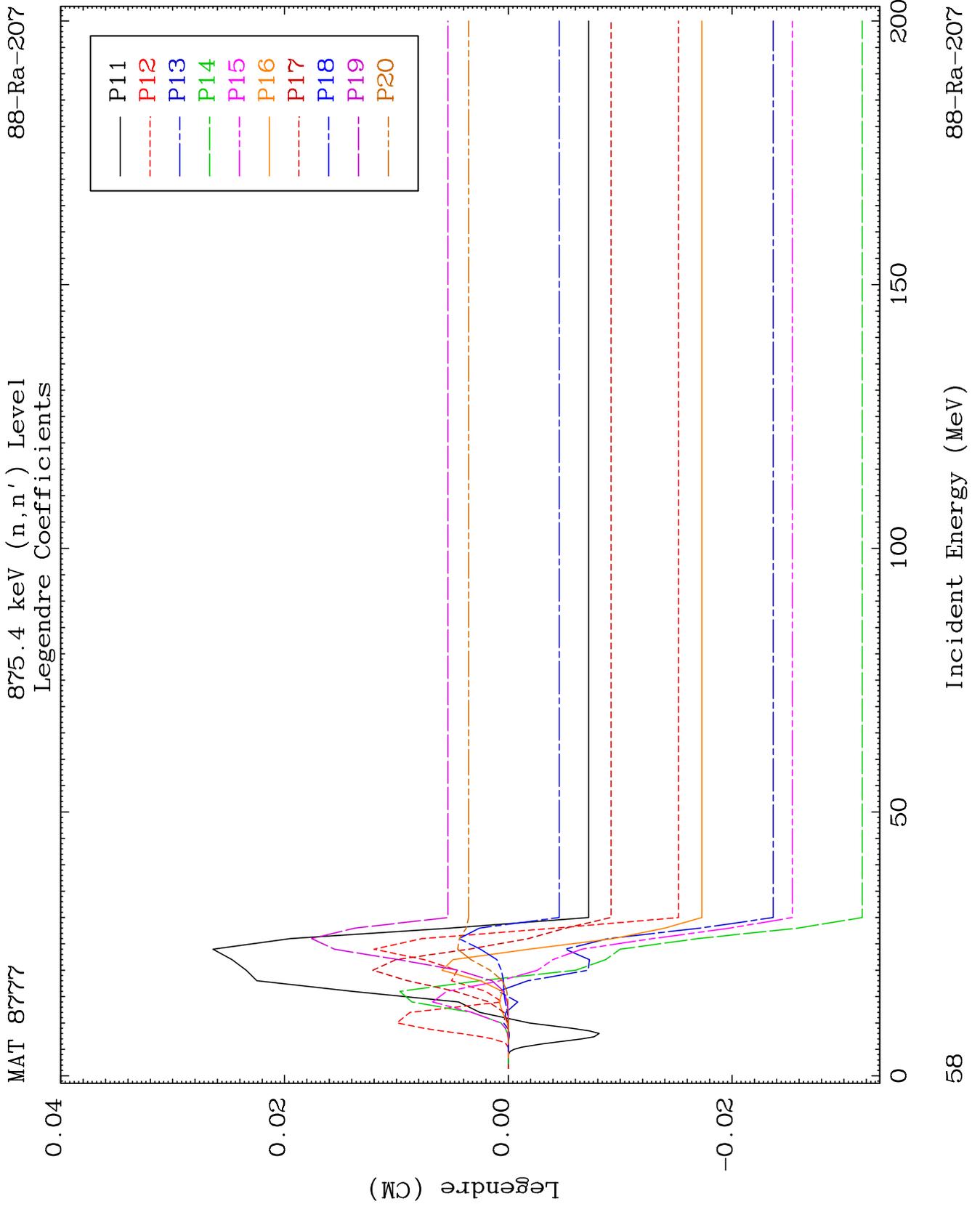


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Incident Energy (MeV)

88-Ra-207

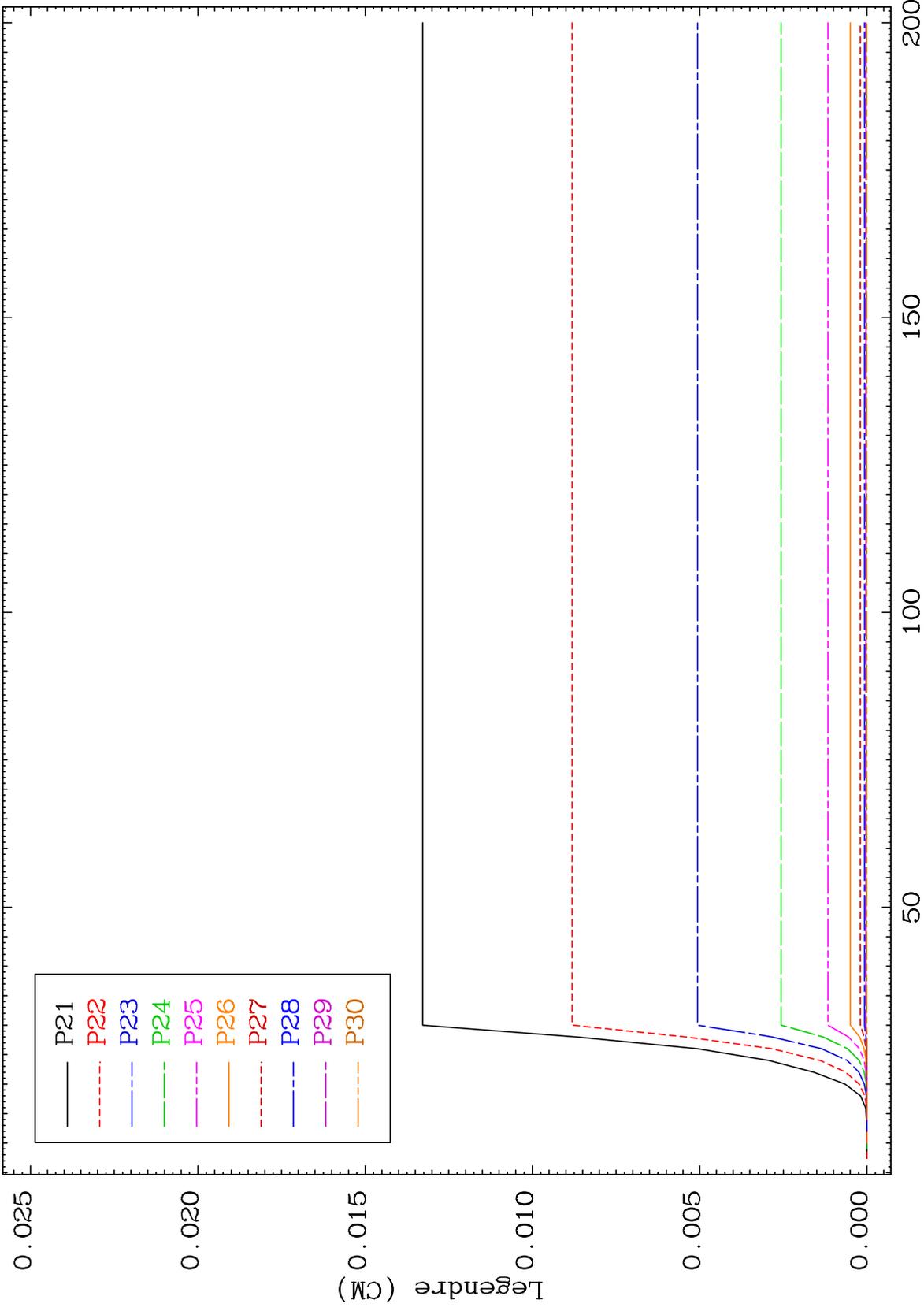




MAT 8777

875.4 keV (n,n') Level
Legendre Coefficients

88-Ra-207



59

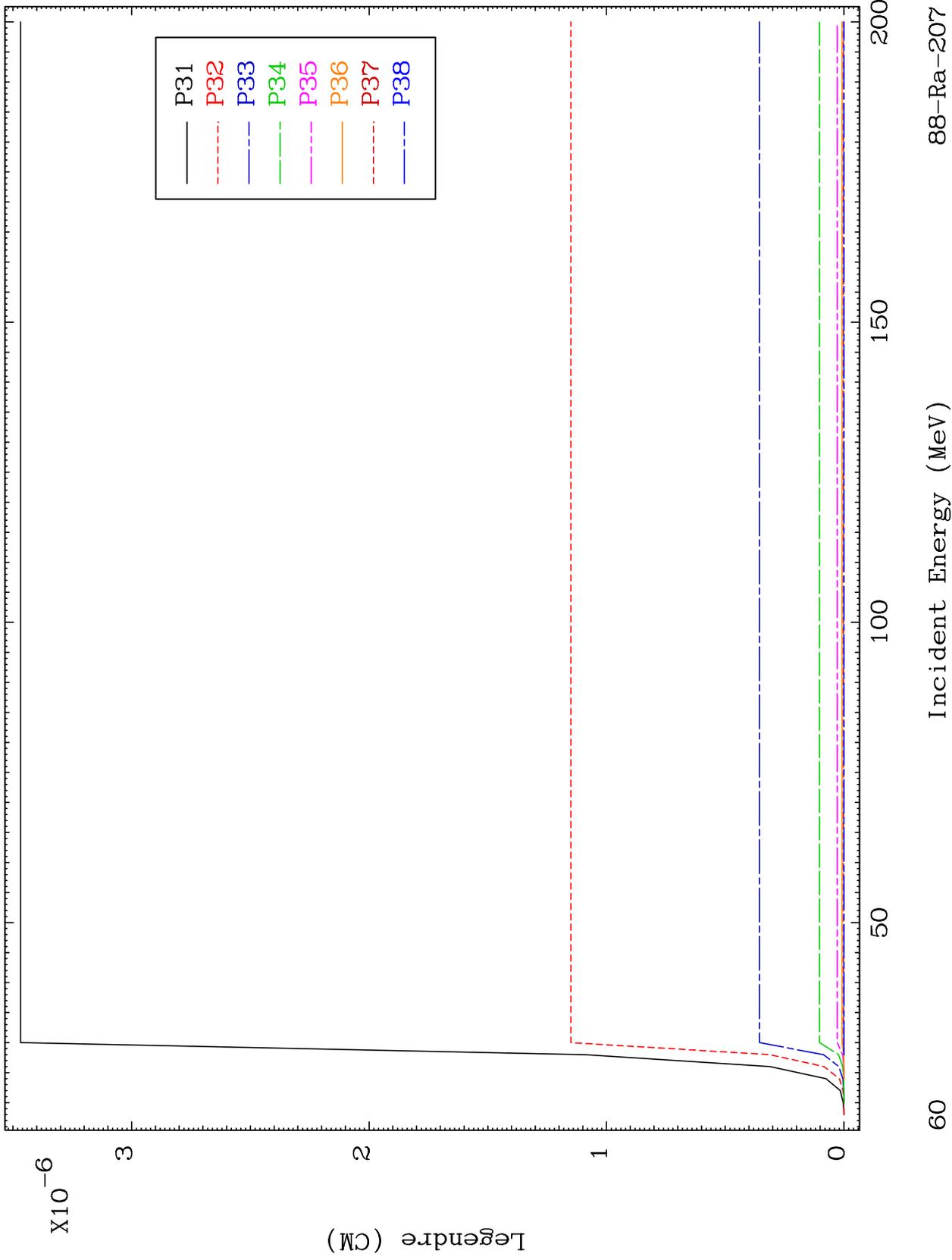
Incident Energy (MeV)

88-Ra-207

MAT 8777

875.4 keV (n,n') Level
Legendre Coefficients

88-Ra-207

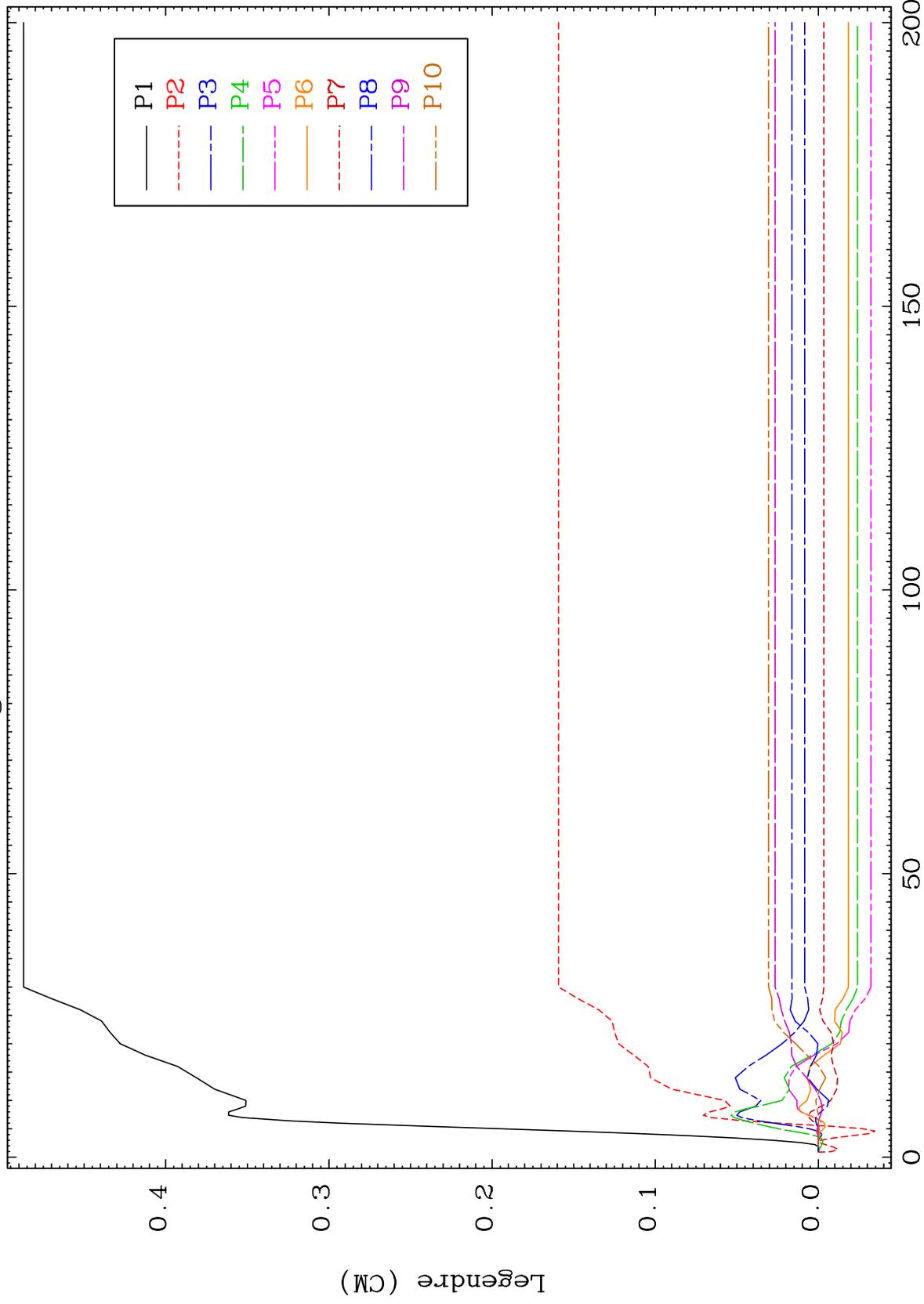


88-Ra-207

MAT 8777

878.7 keV (n,n') Level
Legendre Coefficients

88-Ra-207



88-Ra-207

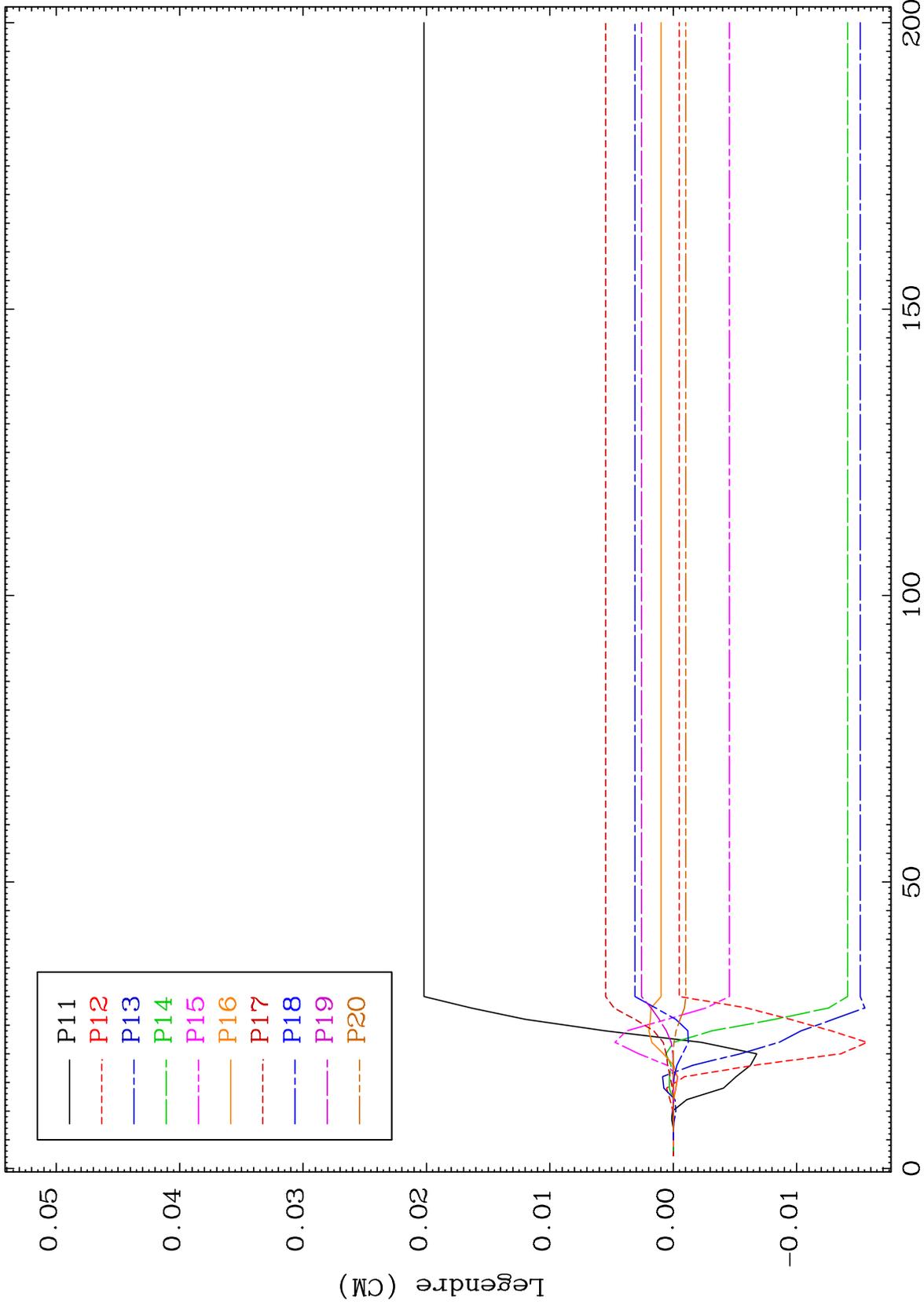
Incident Energy (MeV)

61

MAT 8777

878.7 keV (n,n') Level
Legendre Coefficients

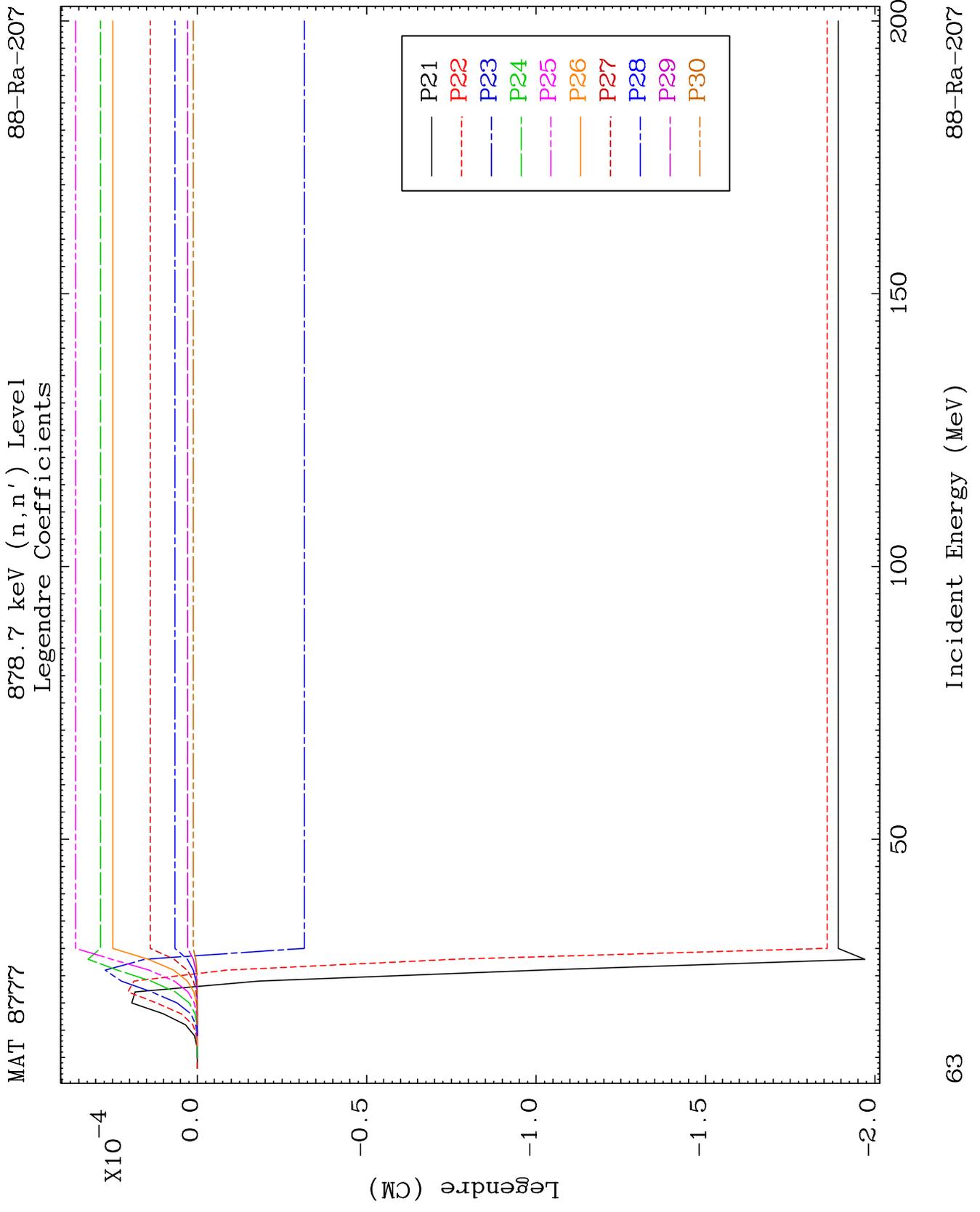
88-Ra-207



Incident Energy (MeV)

88-Ra-207

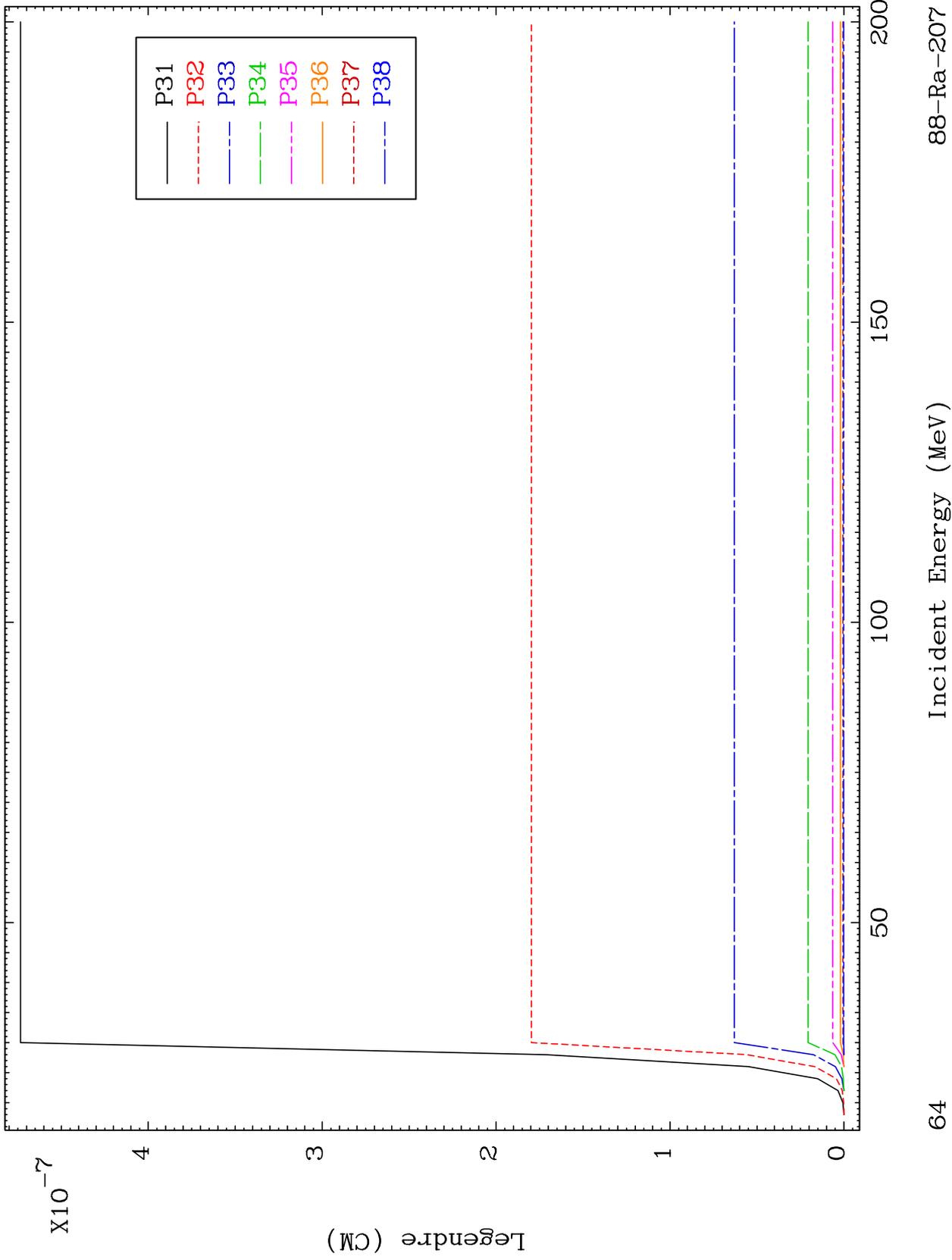
62



MAT 8777

878.7 keV (n,n') Level
Legendre Coefficients

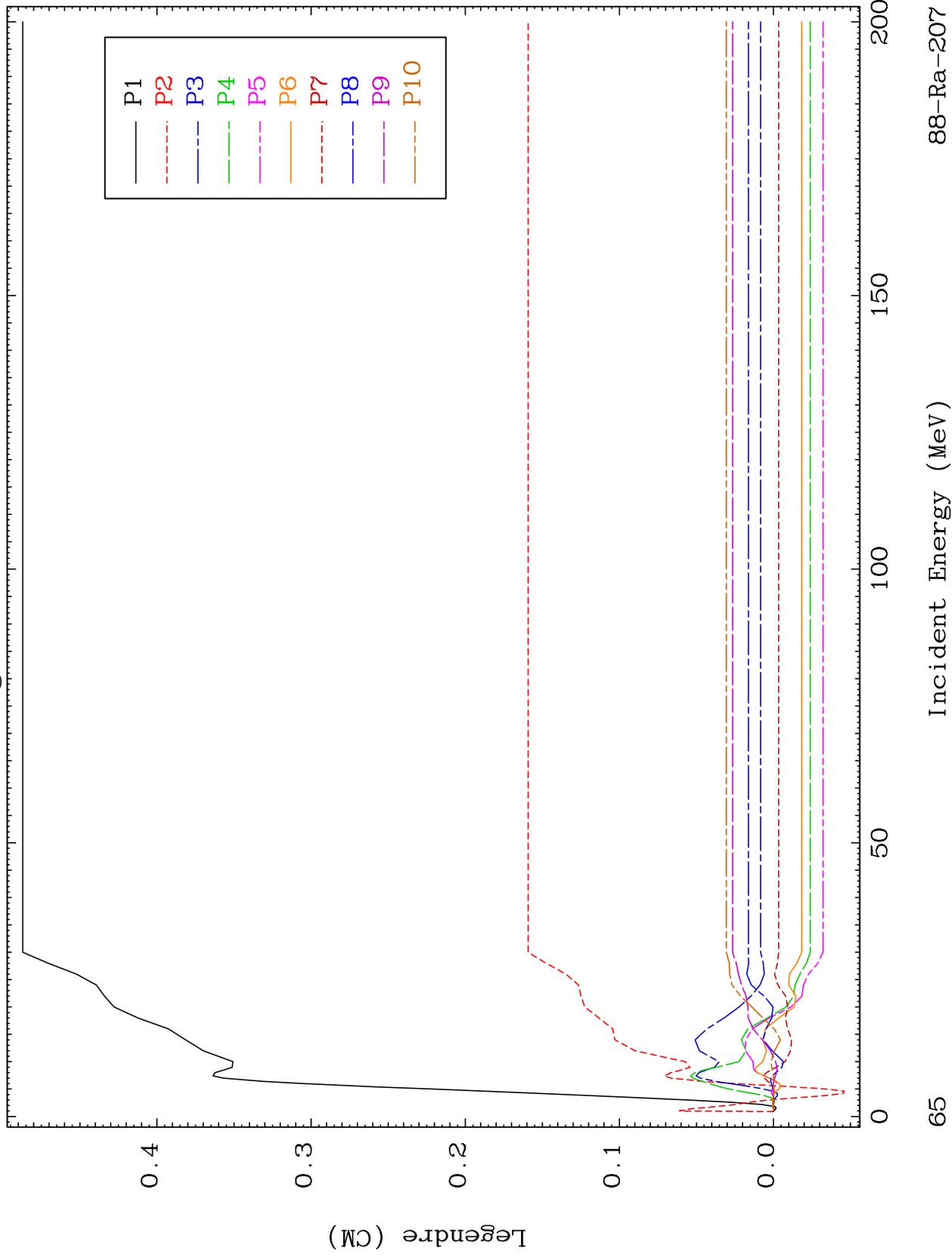
88-Ra-207



MAT 8777

885.9 keV (n,n') Level
Legendre Coefficients

88-Ra-207



88-Ra-207

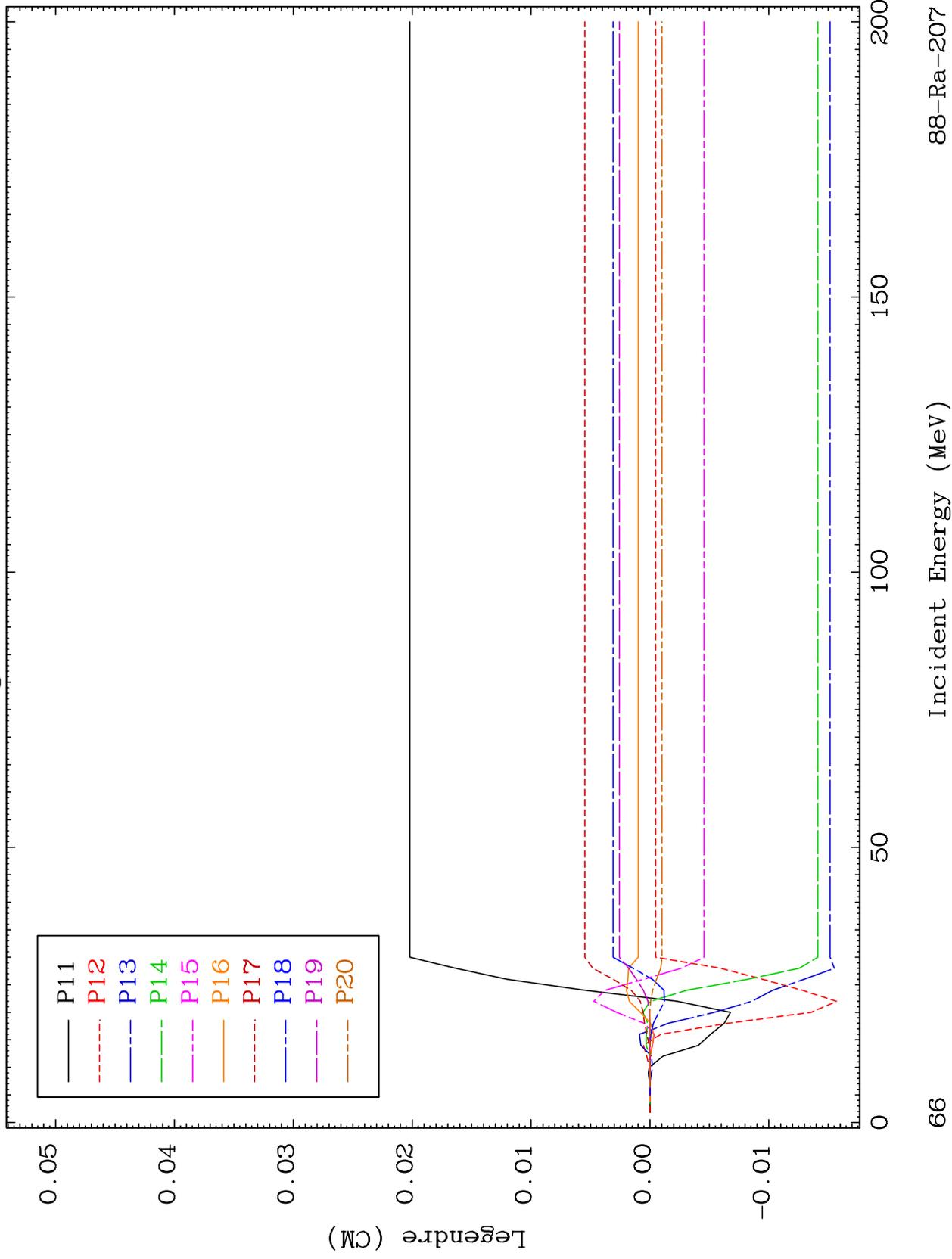
Incident Energy (MeV)

65

MAT 8777

885.9 keV (n,n') Level
Legendre Coefficients

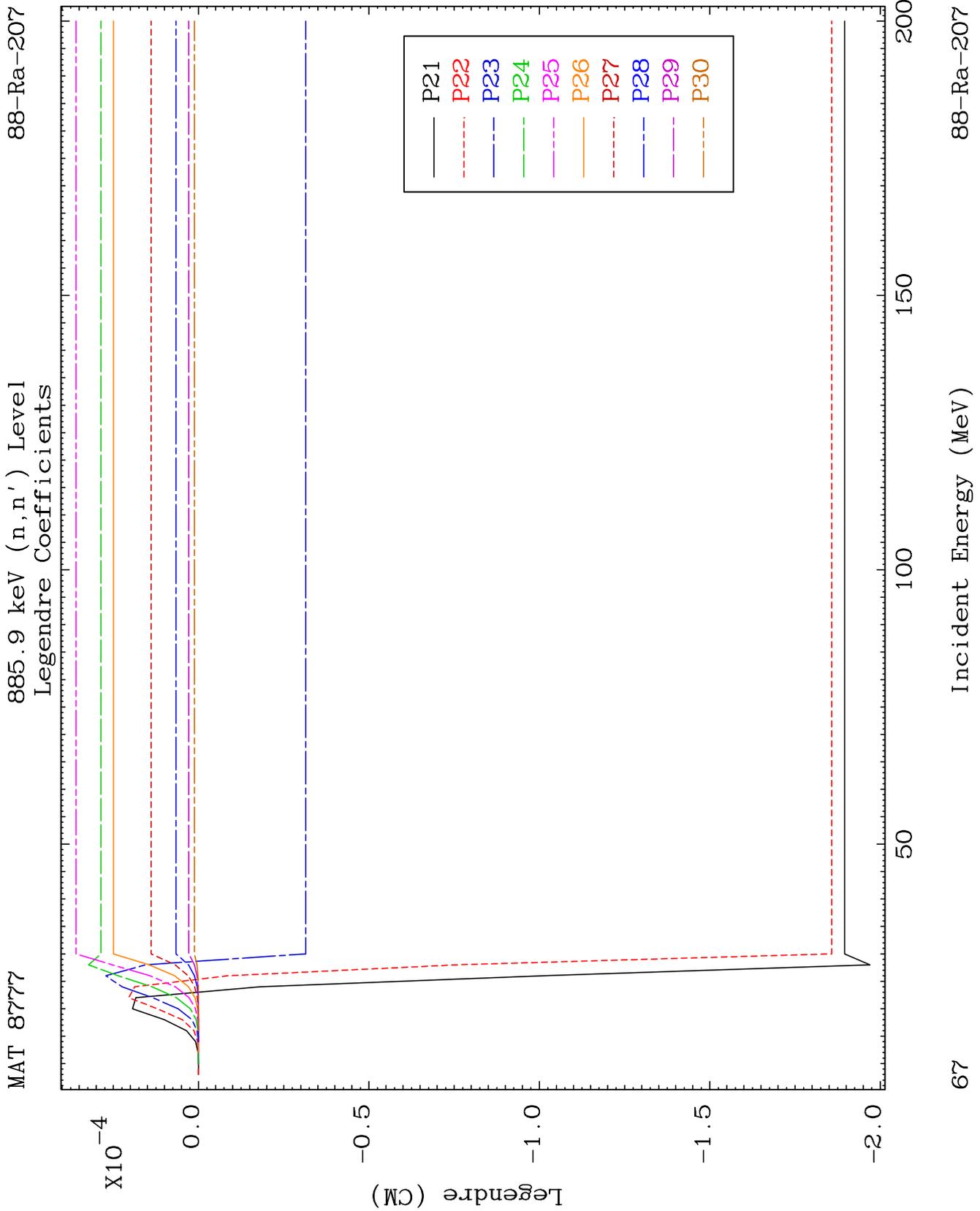
88-Ra-207



66

Incident Energy (MeV)

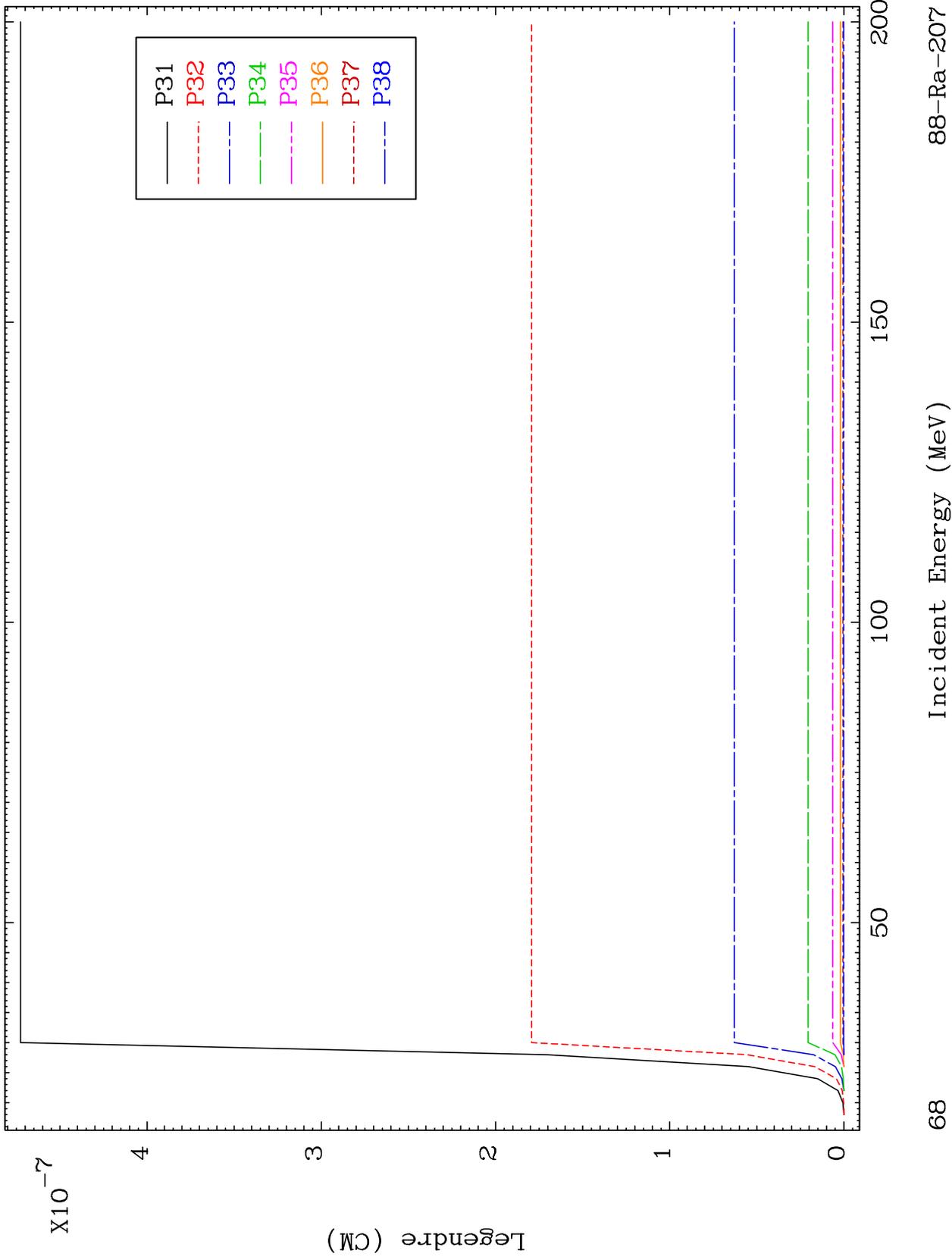
88-Ra-207



MAT 8777

885.9 keV (n, n') Level
Legendre Coefficients

88-Ra-207



68

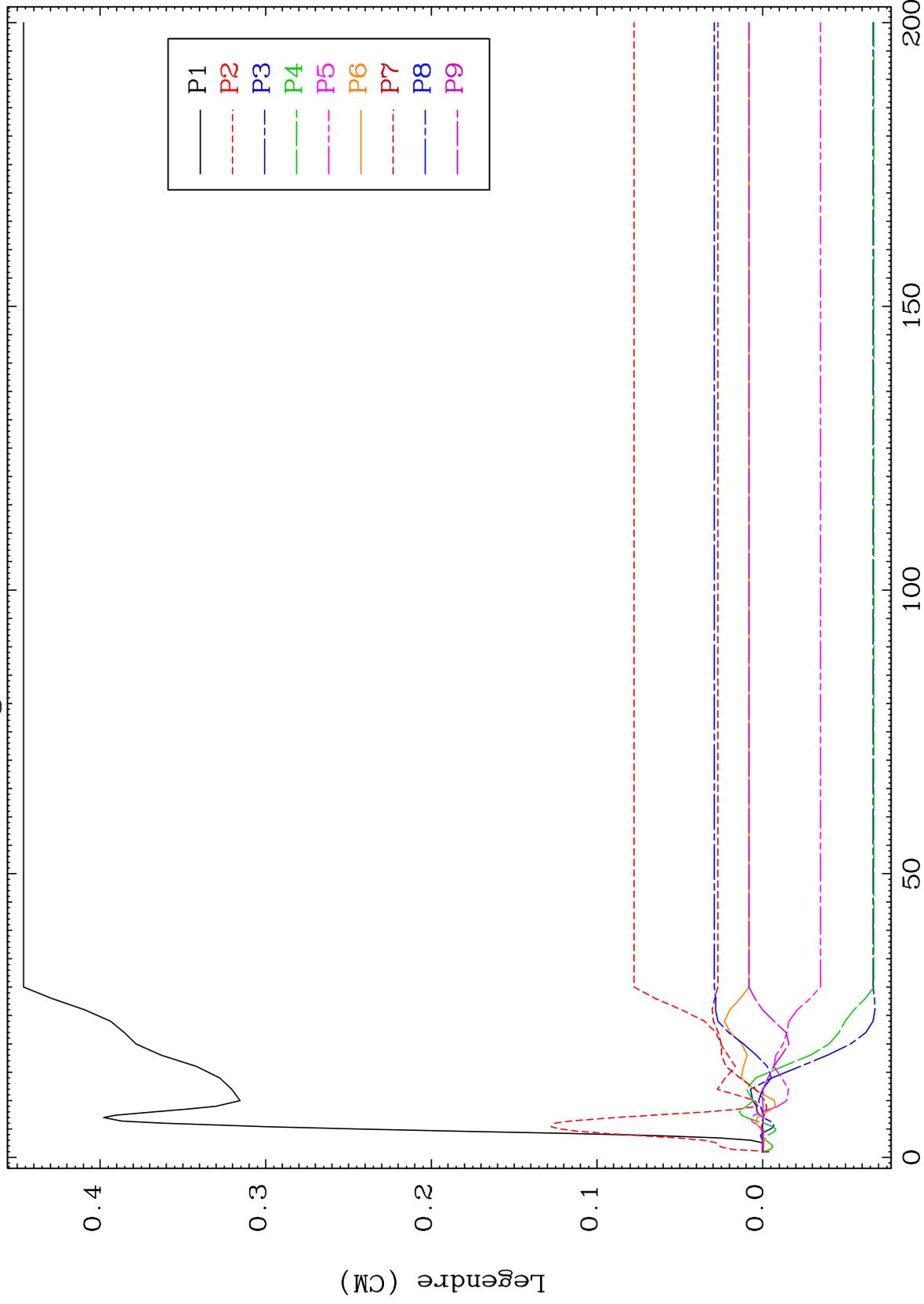
Incident Energy (MeV)

88-Ra-207

MAT 8777

893.6 keV (n,n') Level
Legendre Coefficients

88-Ra-207



69

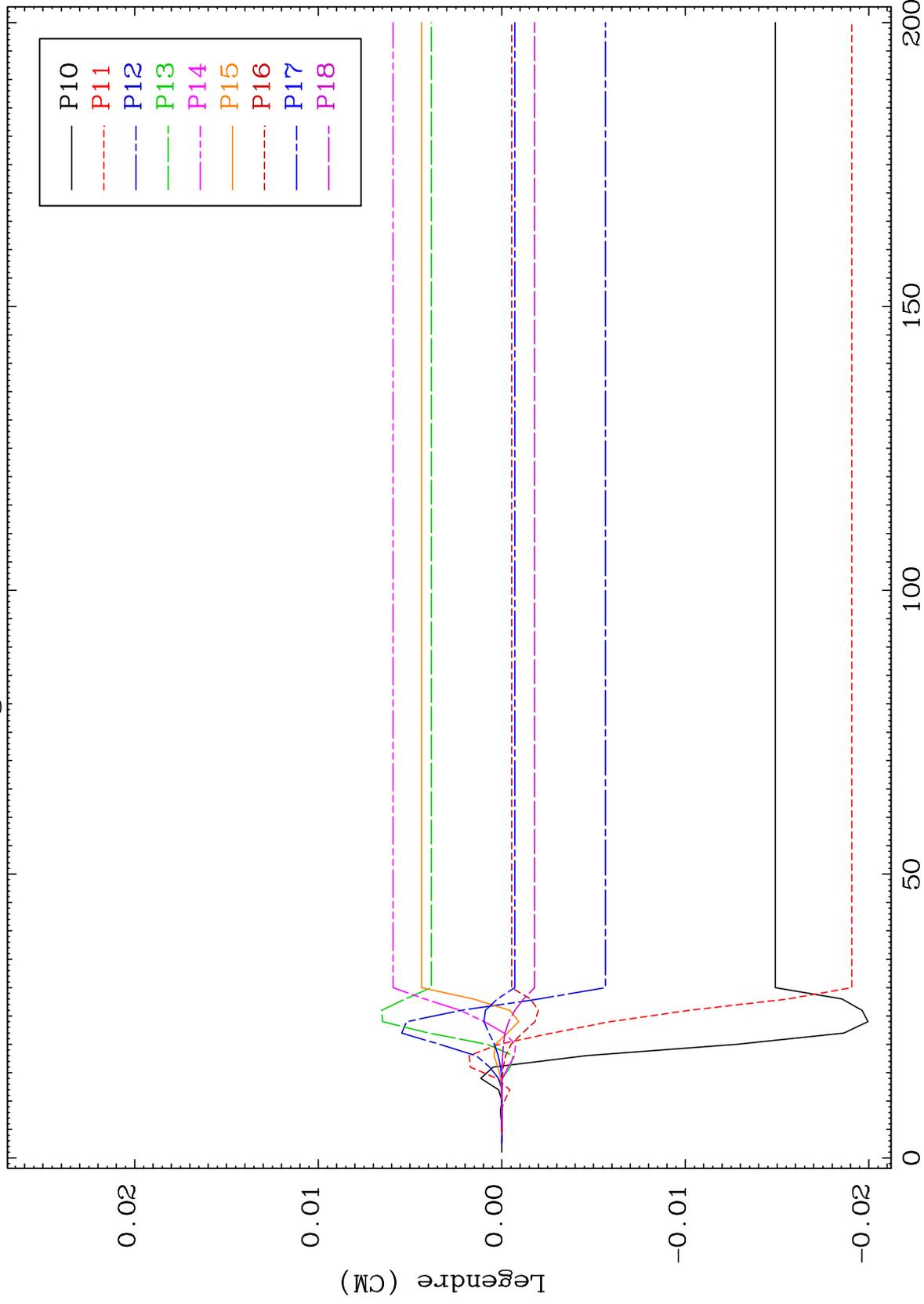
Incident Energy (MeV)

88-Ra-207

MAT 8777

893.6 keV (n,n') Level
Legendre Coefficients

88-Ra-207



70

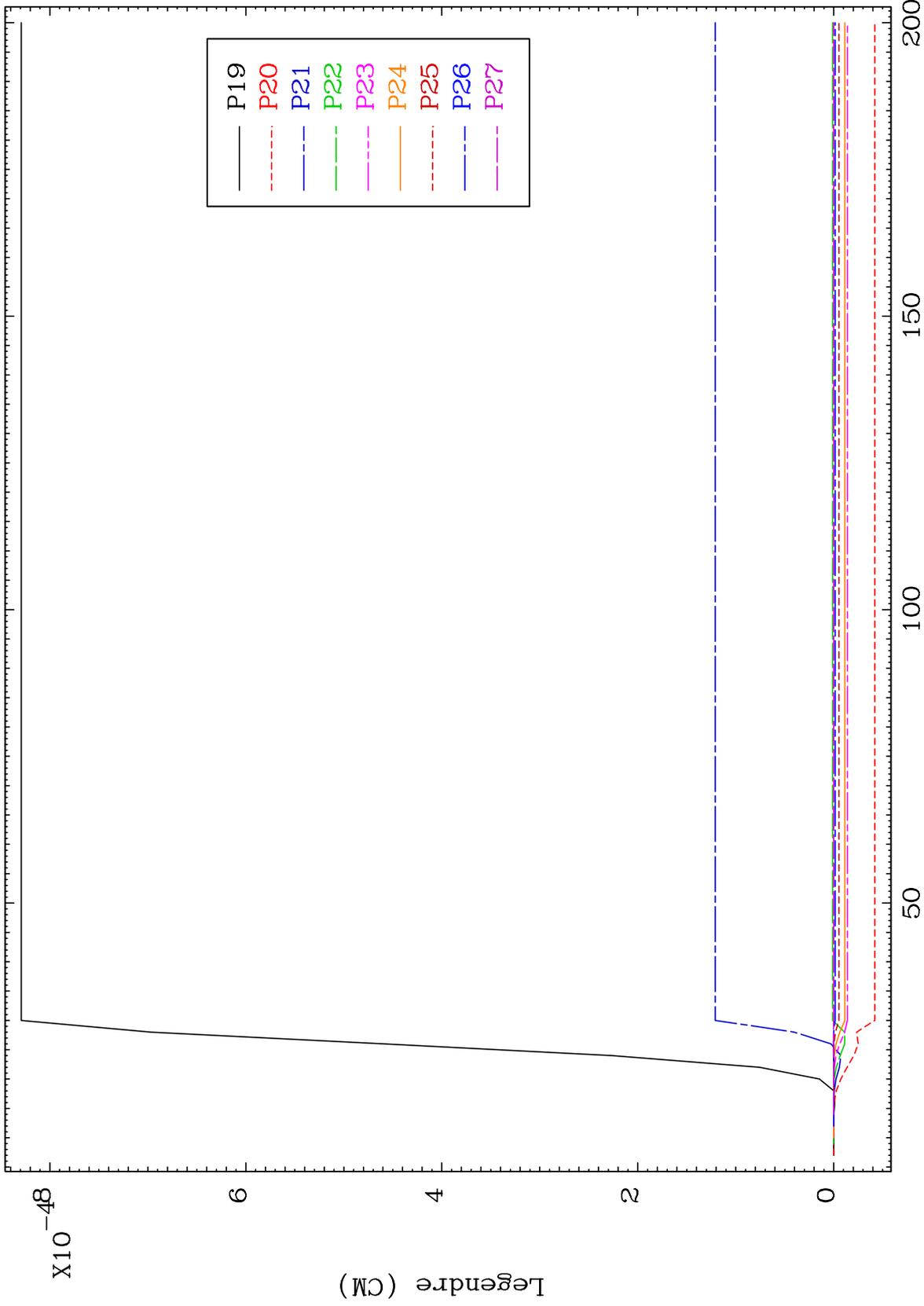
Incident Energy (MeV)

88-Ra-207

MAT 8777

893.6 keV (n,n') Level
Legendre Coefficients

88-Ra-207



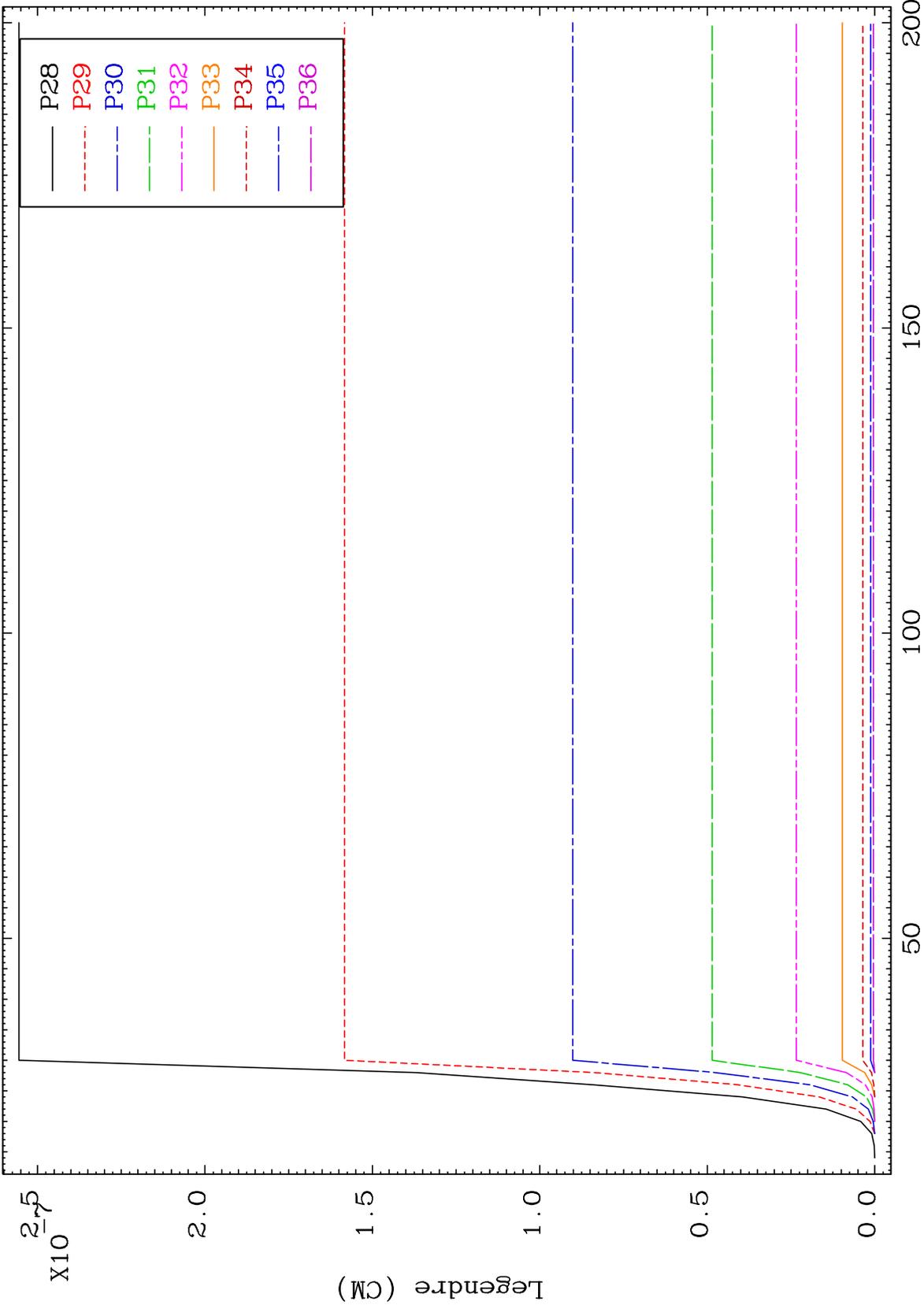
71

88-Ra-207

MAT 8777

893.6 keV (n,n') Level Legendre Coefficients

88-Ra-207



72

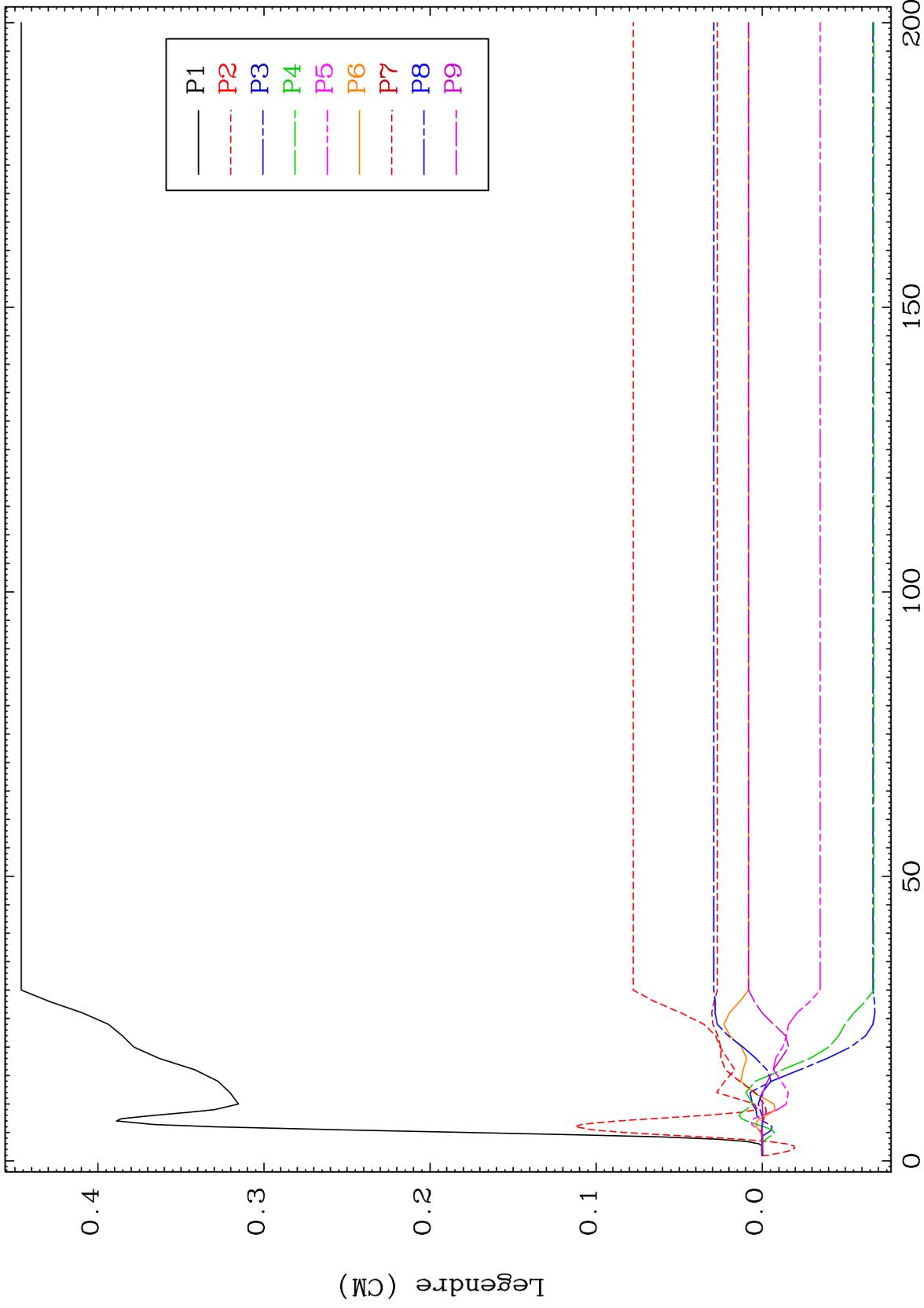
Incident Energy (MeV)

88-Ra-207

MAT 8777

894.8 keV (n,n') Level
Legendre Coefficients

88-Ra-207



73

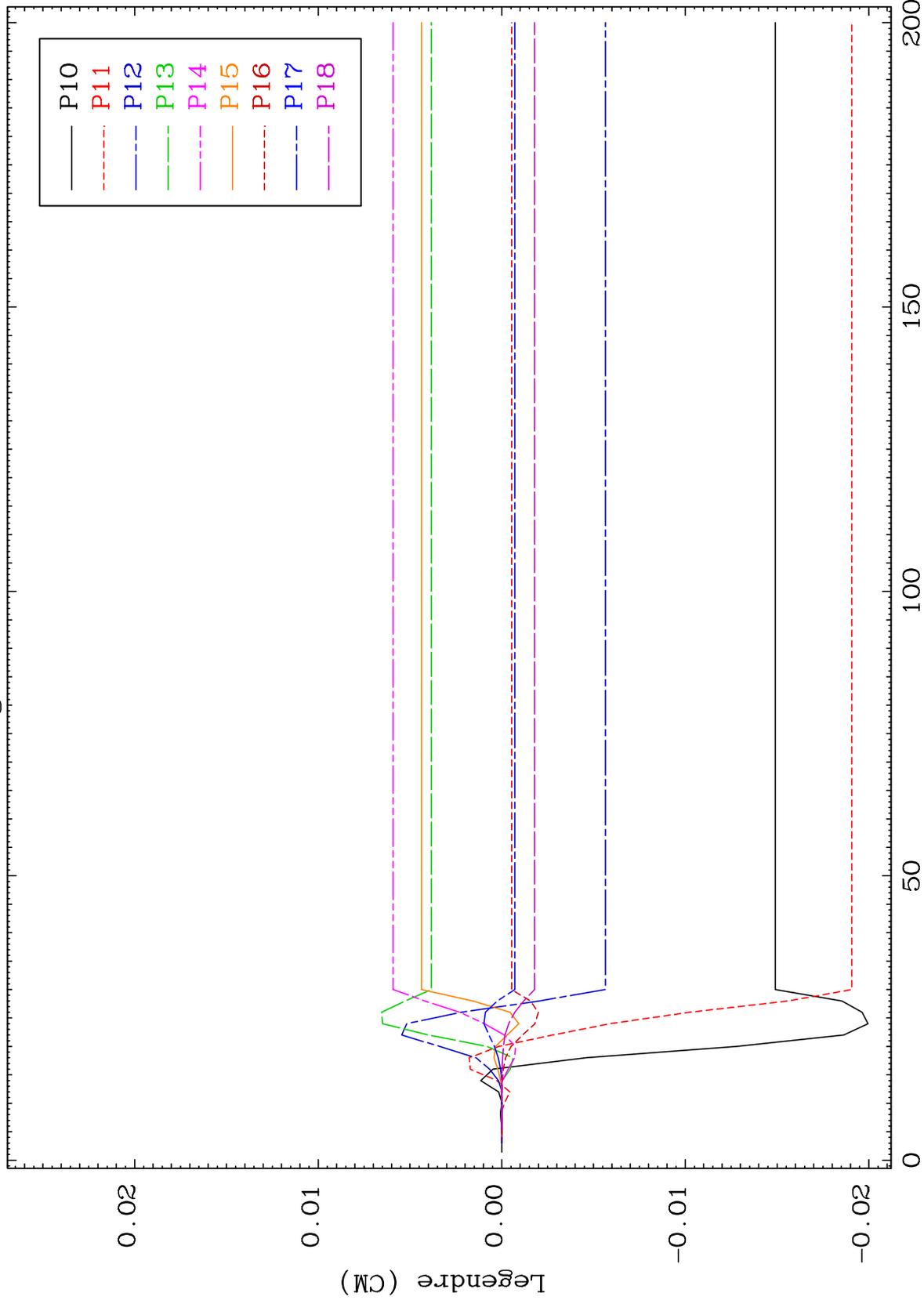
Incident Energy (MeV)

88-Ra-207

MAT 8777

894.8 keV (n,n') Level
Legendre Coefficients

88-Ra-207



74

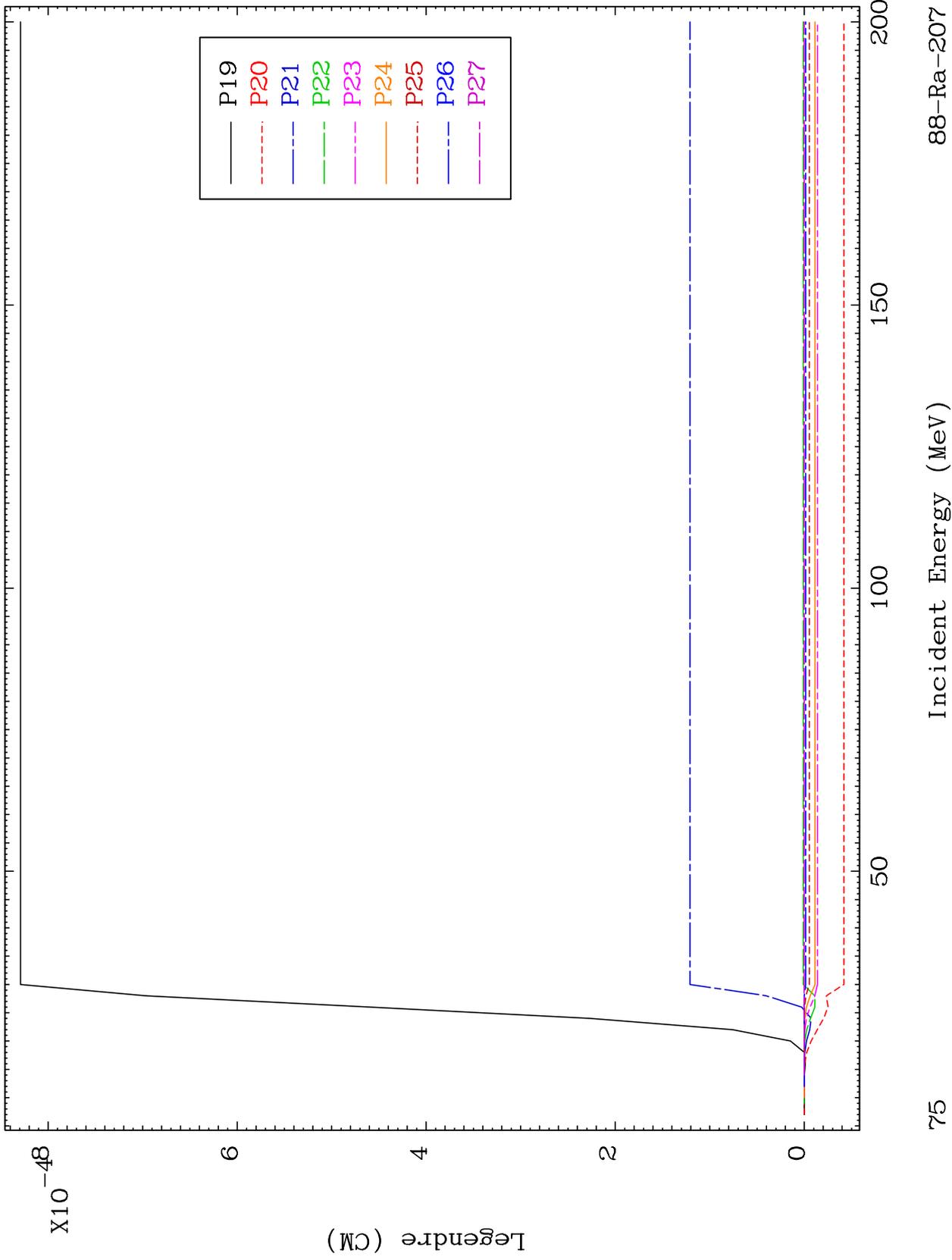
Incident Energy (MeV)

88-Ra-207

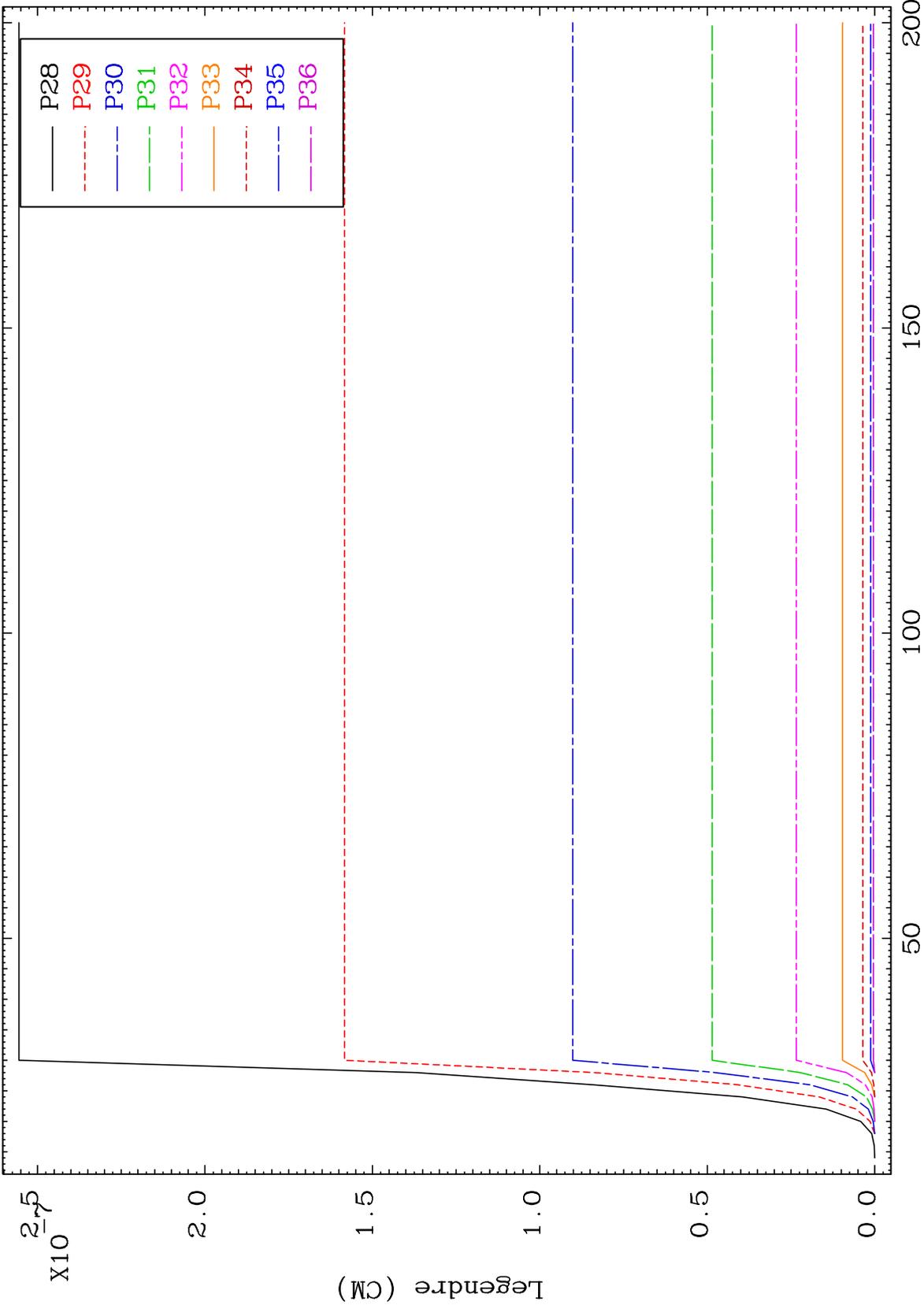
MAT 87777

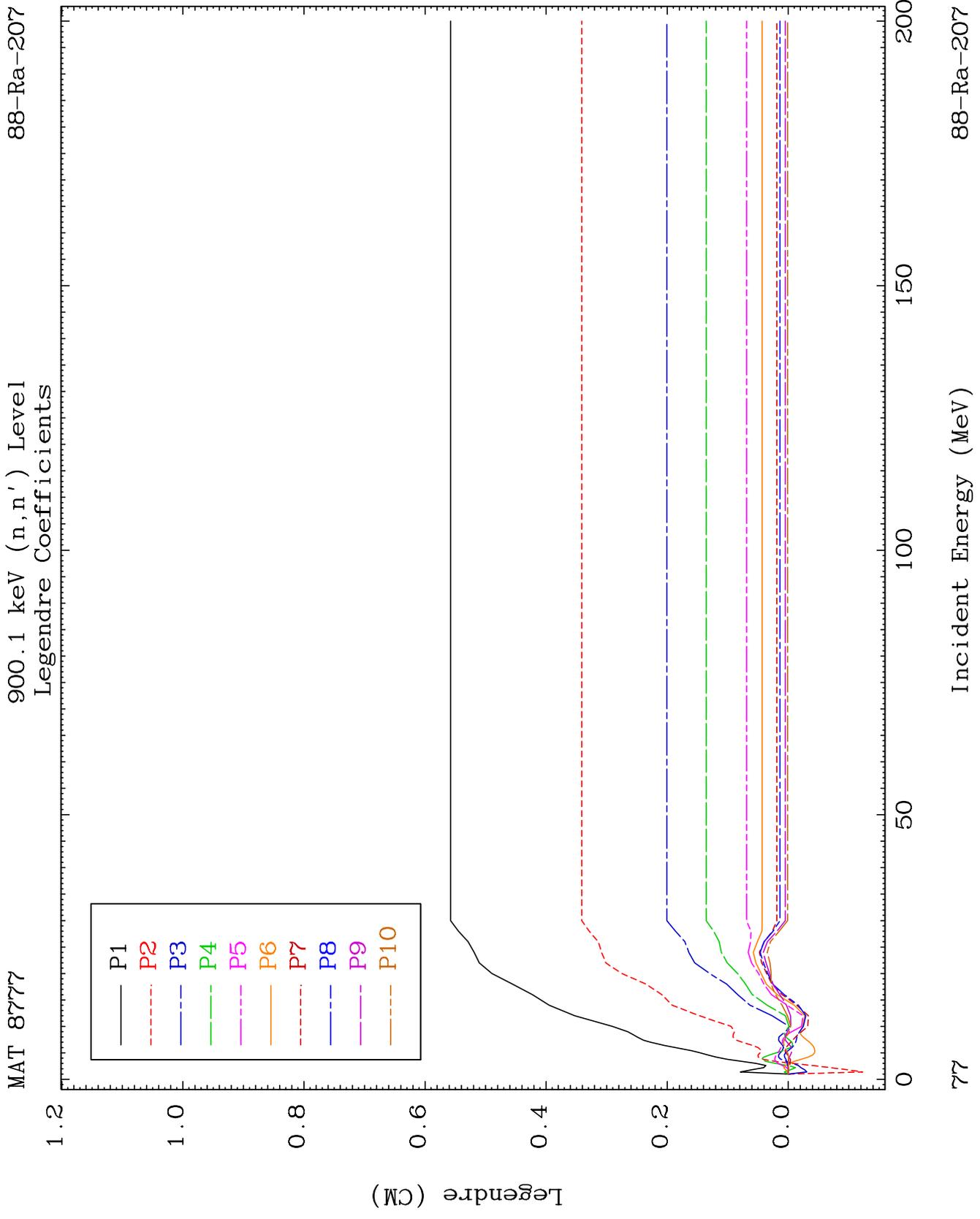
894.8 keV (n,n') Level
Legendre Coefficients

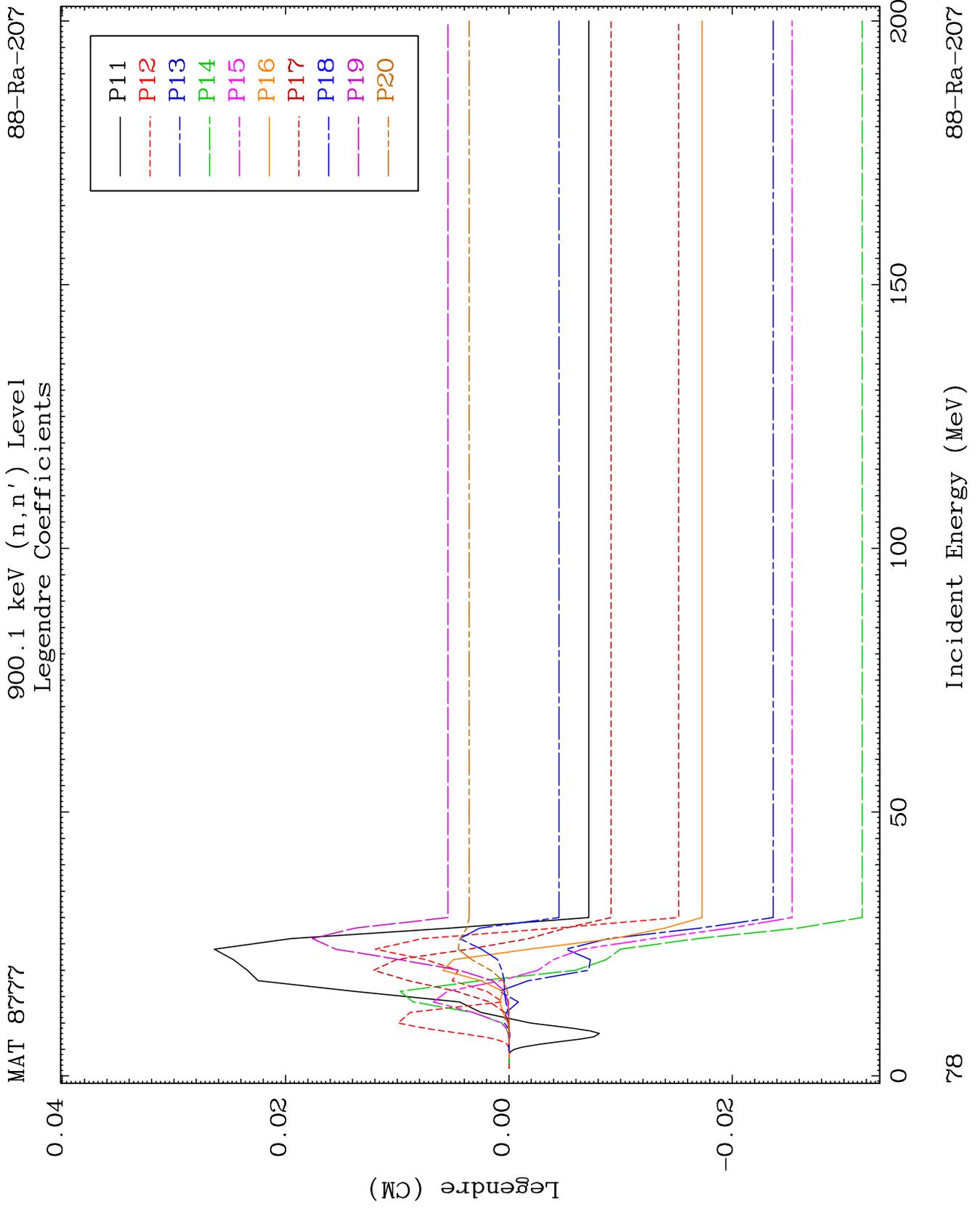
88-Ra-207



894.8 keV (n,n') Level Legendre Coefficients



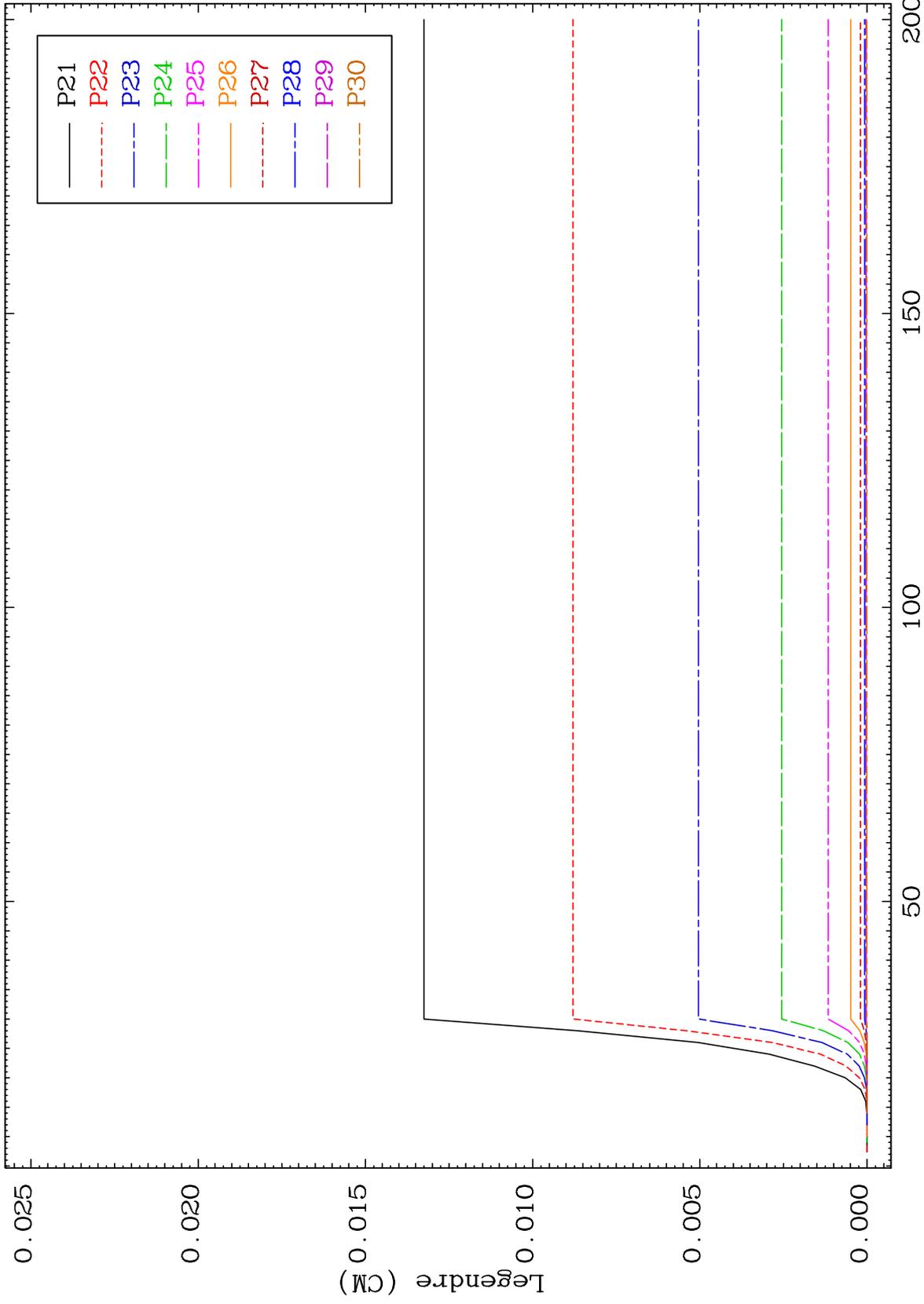




MAT 8777

900.1 keV (n,n') Level
Legendre Coefficients

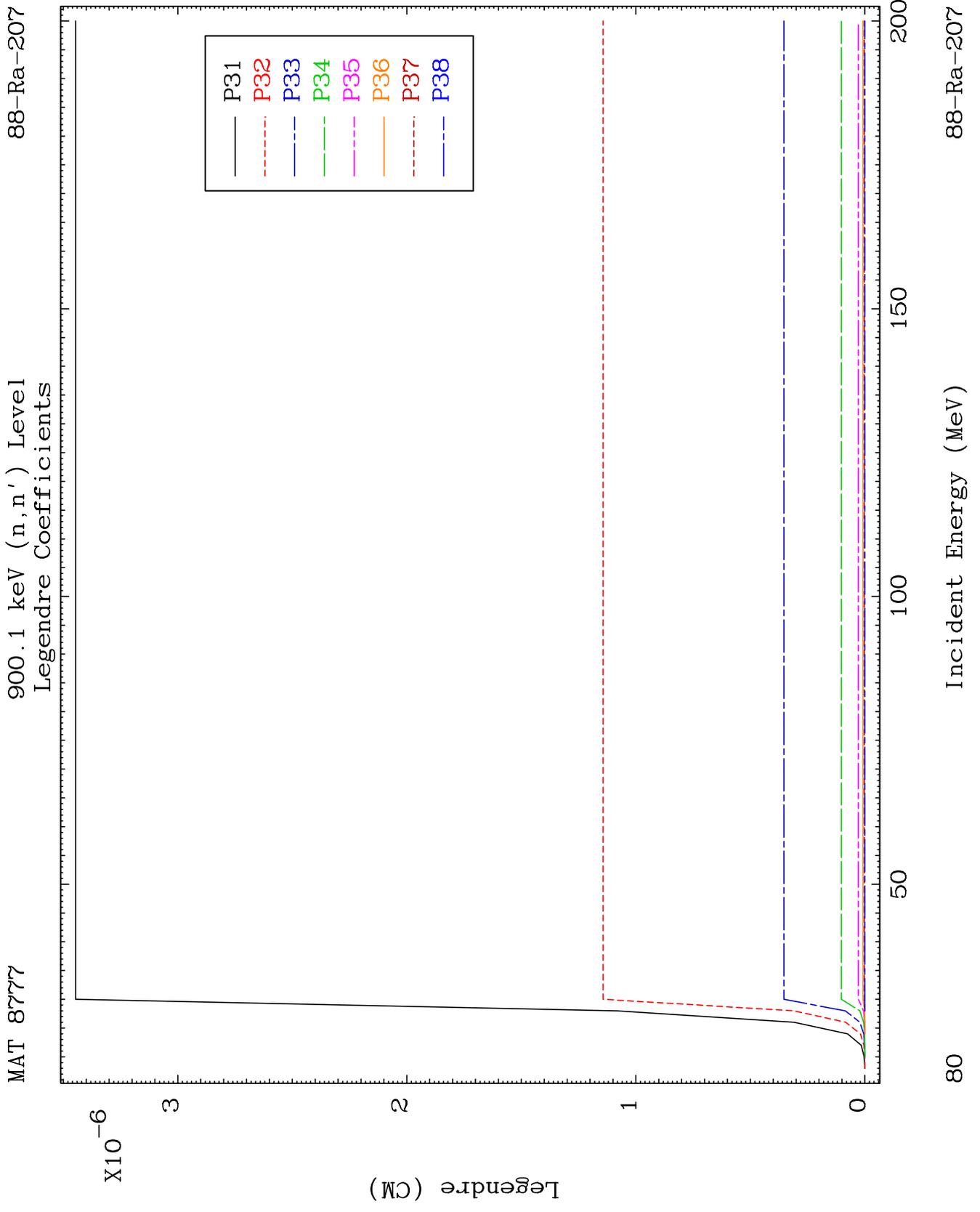
88-Ra-207



79

Incident Energy (MeV)

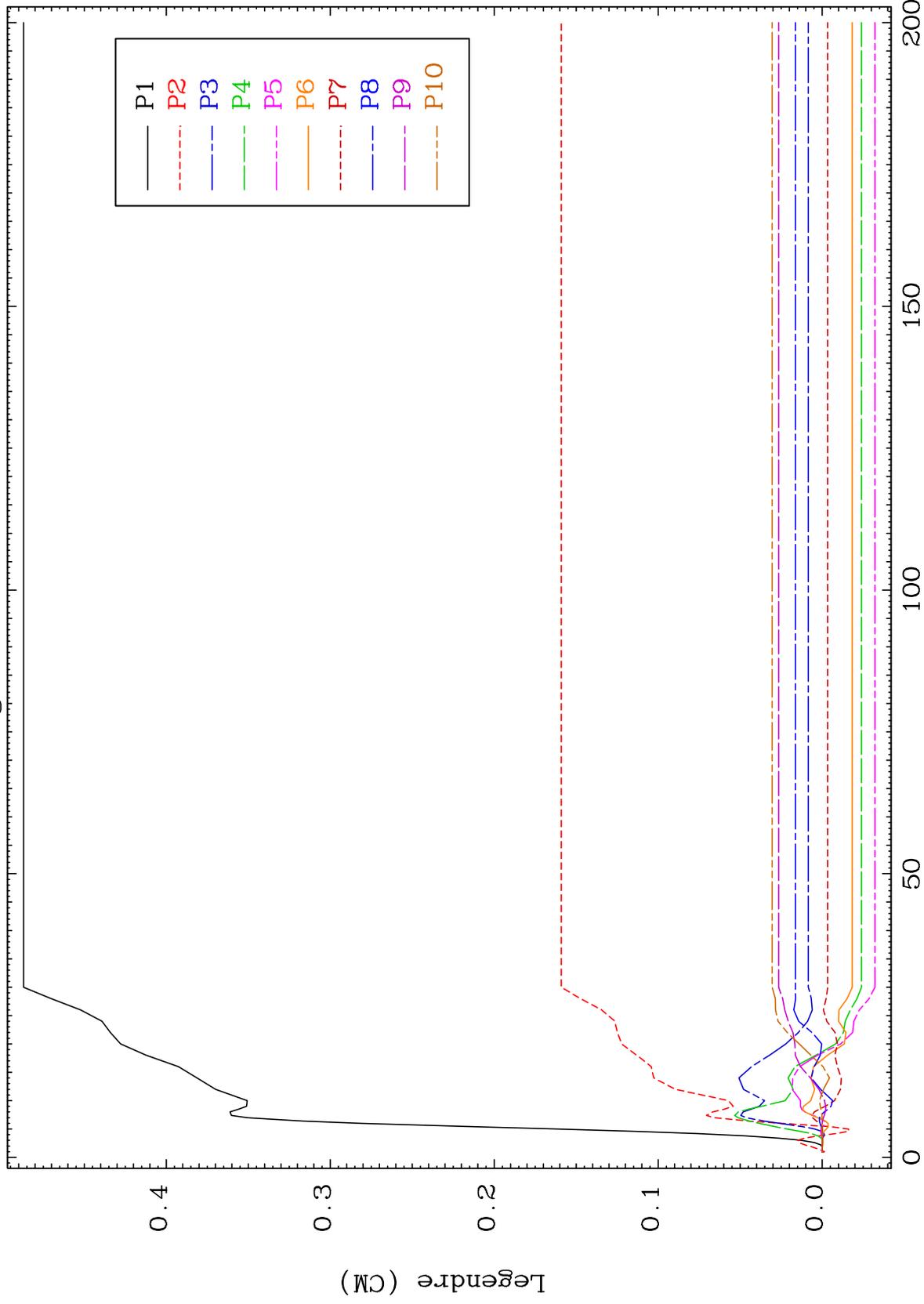
88-Ra-207



MAT 8777

905.2 keV (n,n') Level
Legendre Coefficients

88-Ra-207



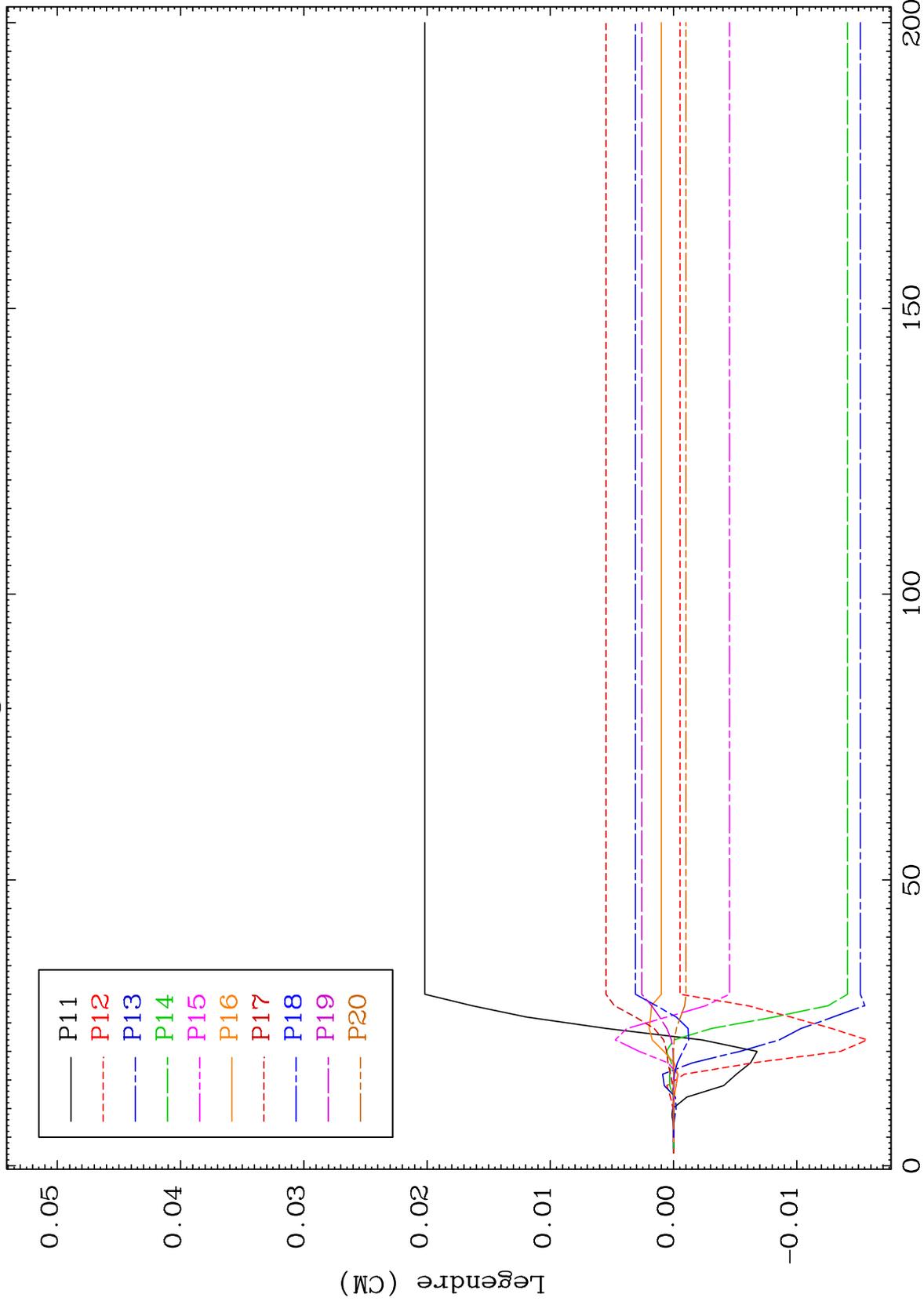
81

88-Ra-207

MAT 8777

905.2 keV (n,n') Level
Legendre Coefficients

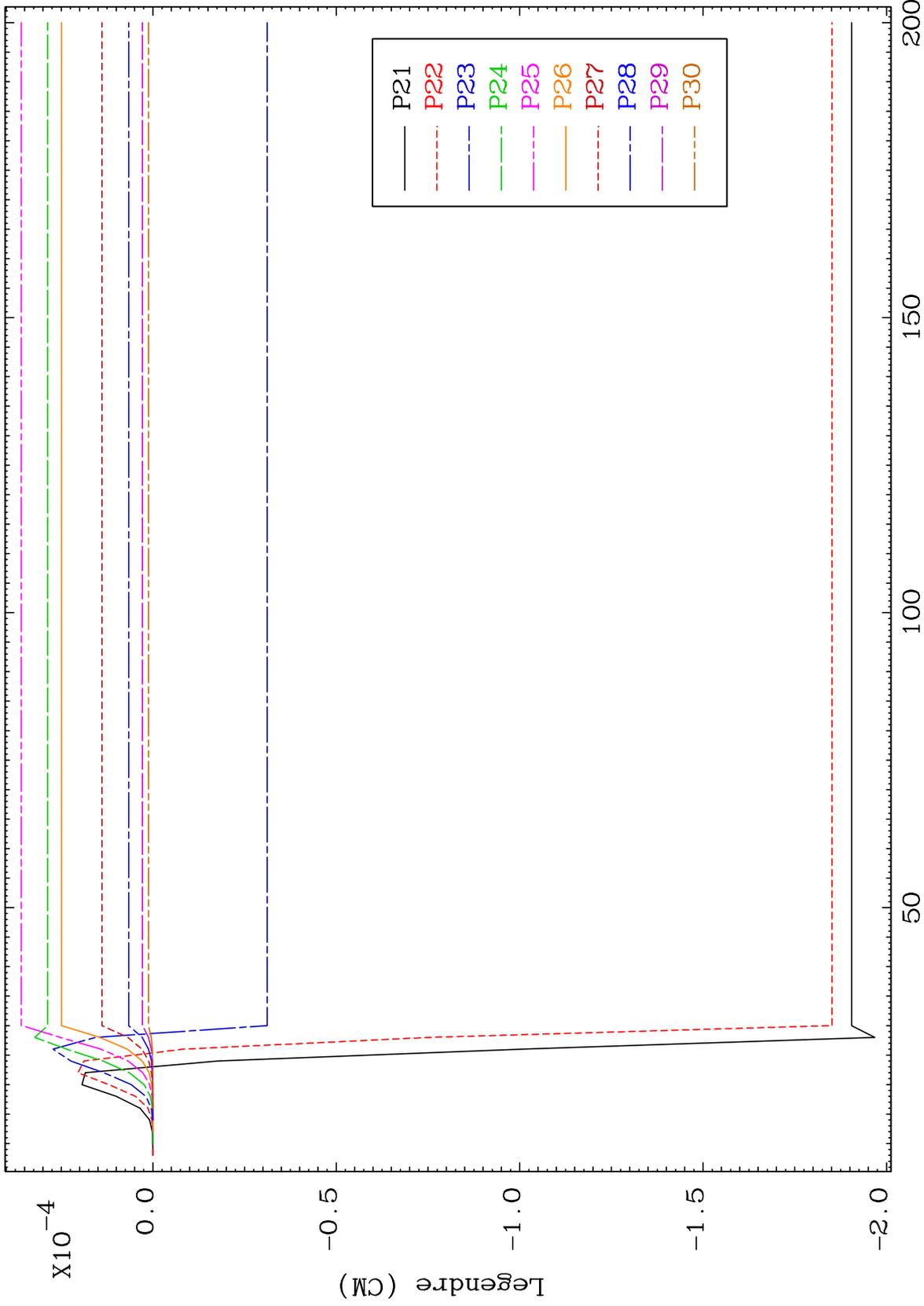
88-Ra-207



88-Ra-207

Incident Energy (MeV)

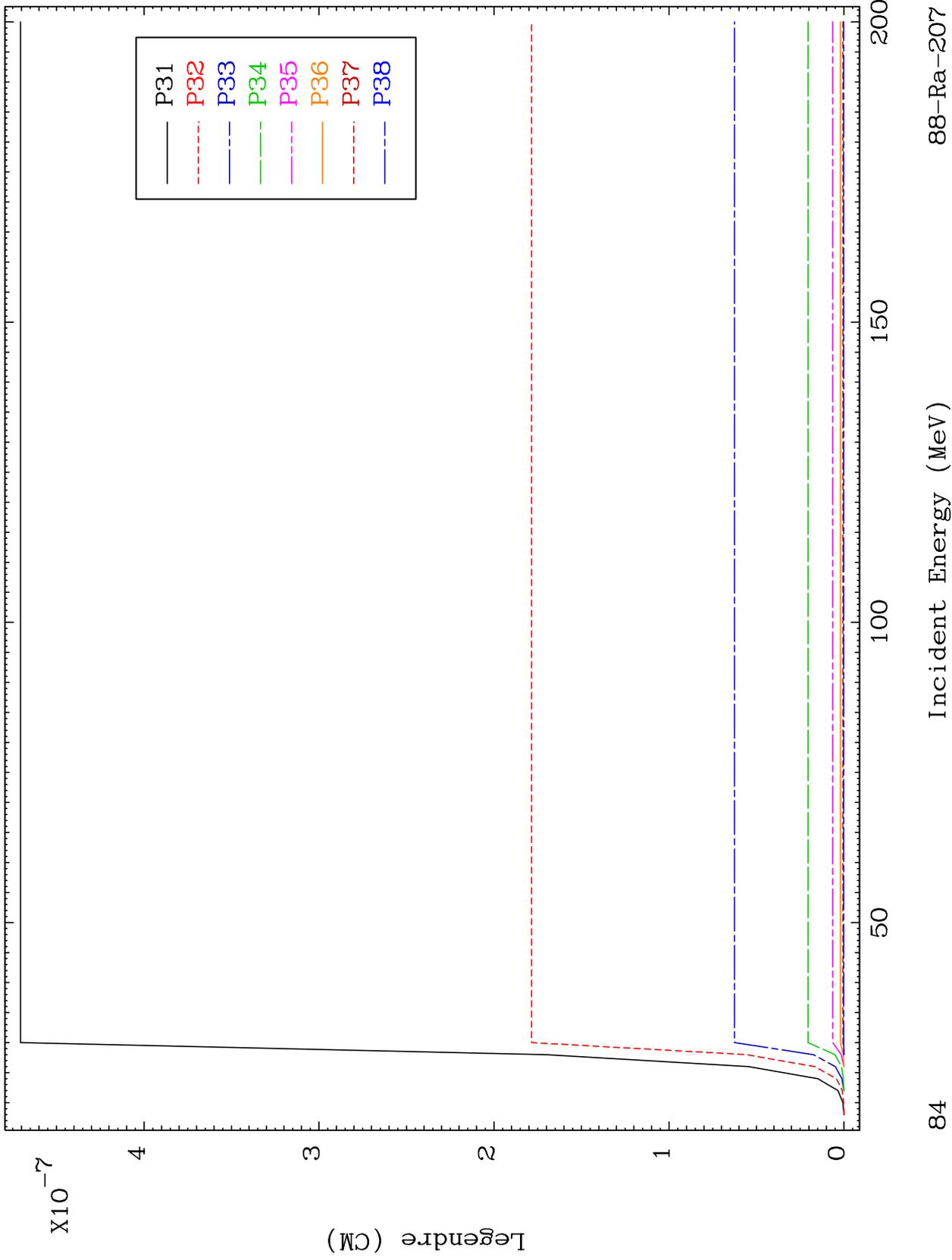
82

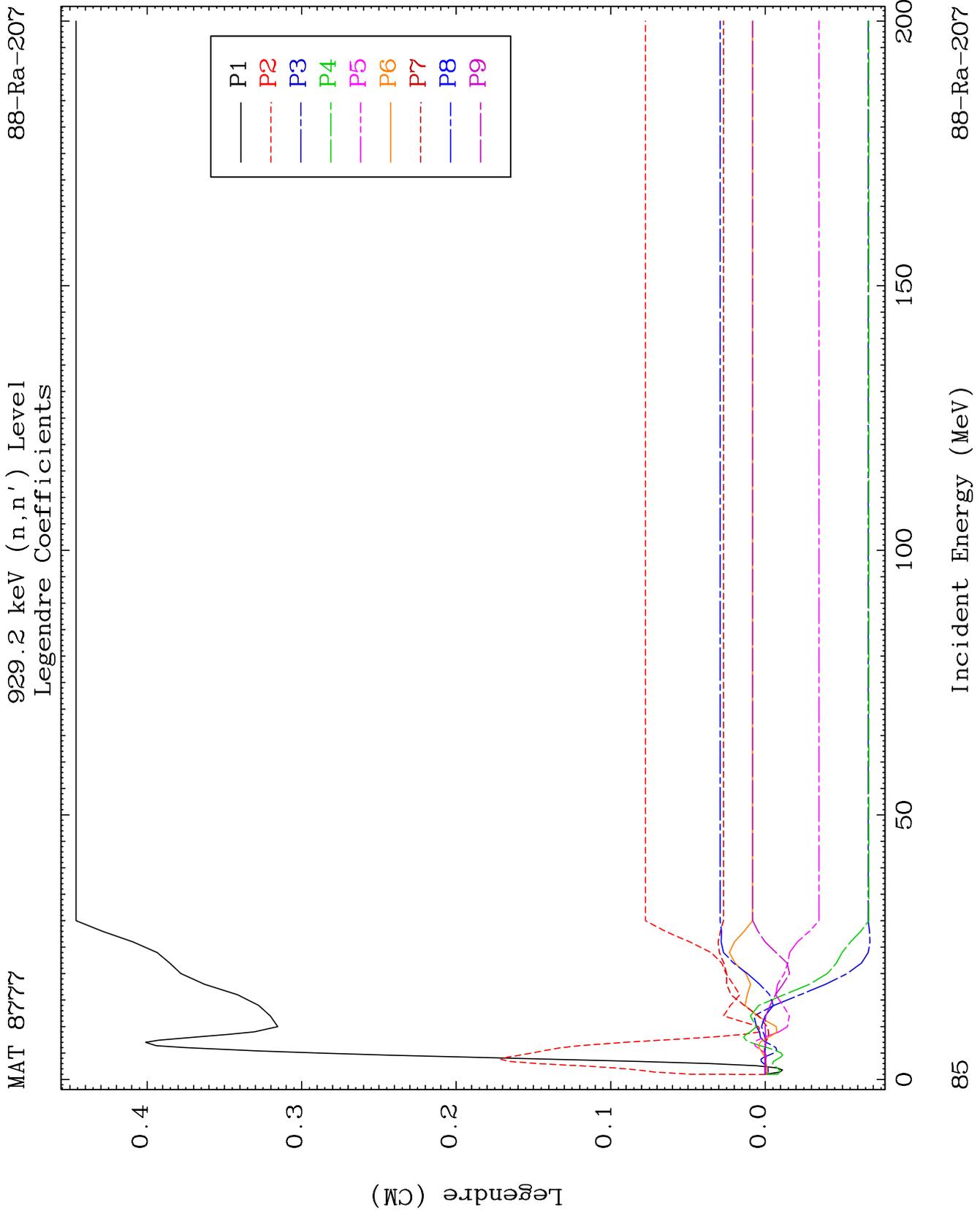


MAT 8777

905.2 keV (n, n') Level
Legendre Coefficients

88-Ra-207

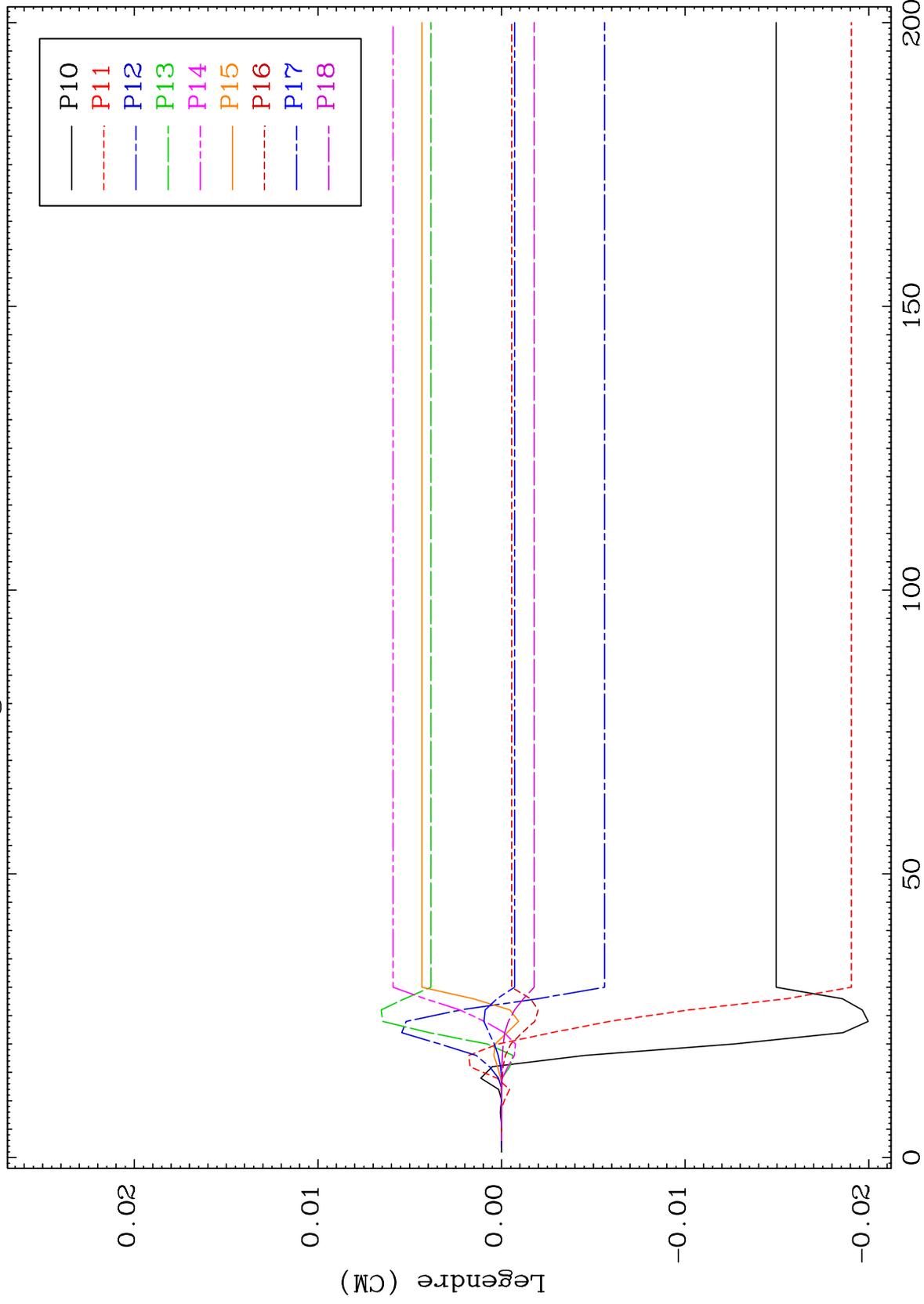




MAT 8777

929.2 keV (n,n') Level
Legendre Coefficients

88-Ra-207



86

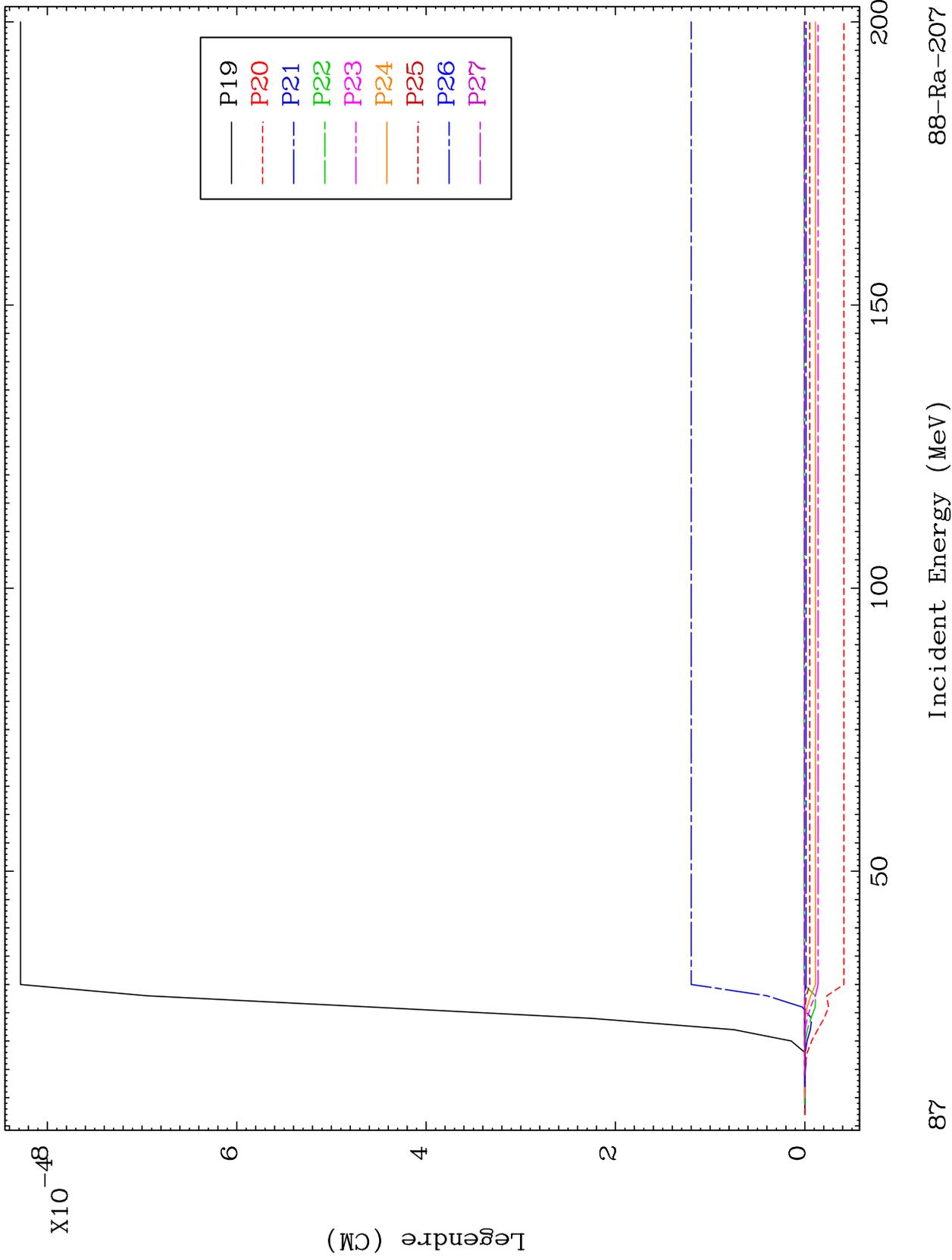
Incident Energy (MeV)

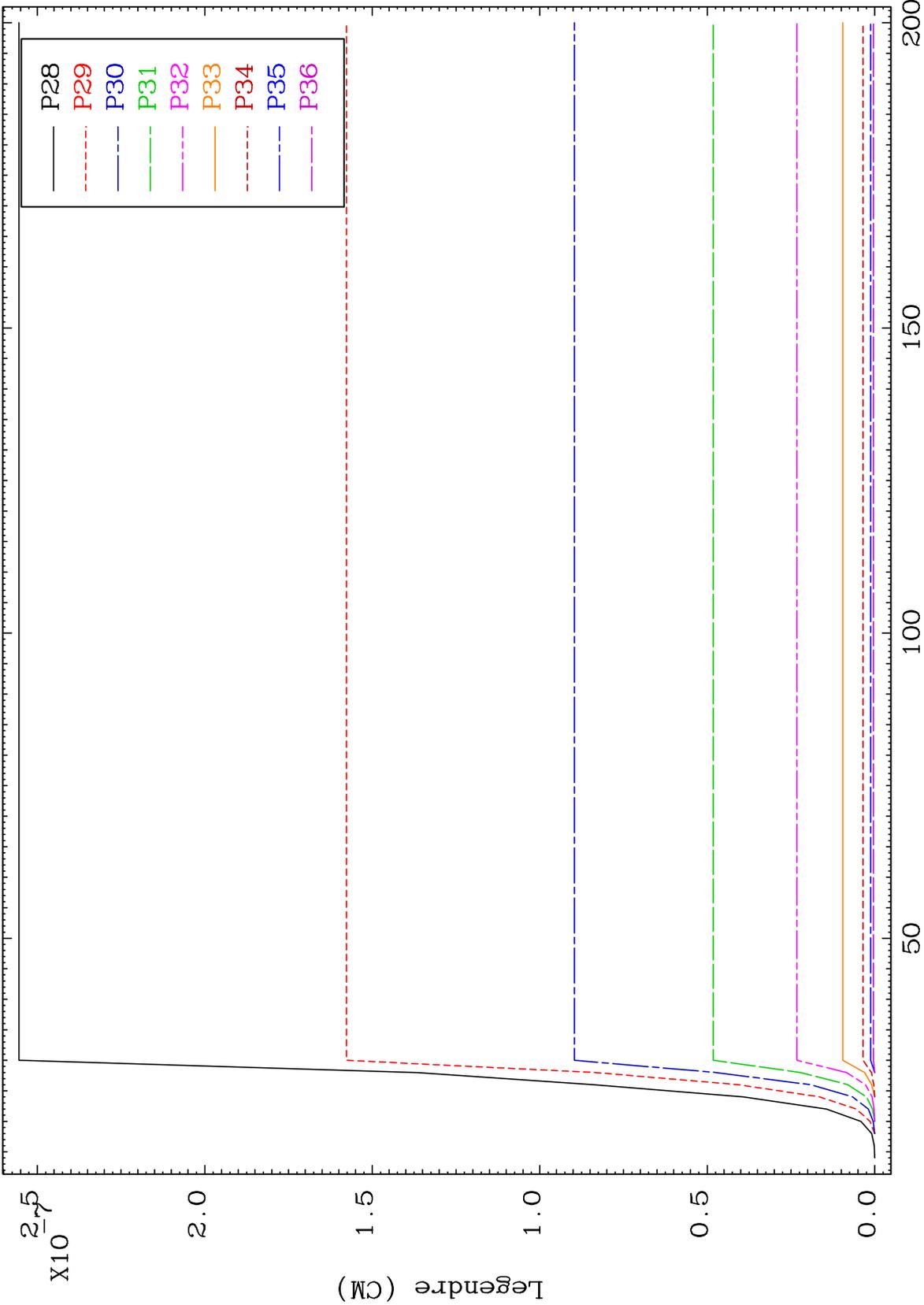
88-Ra-207

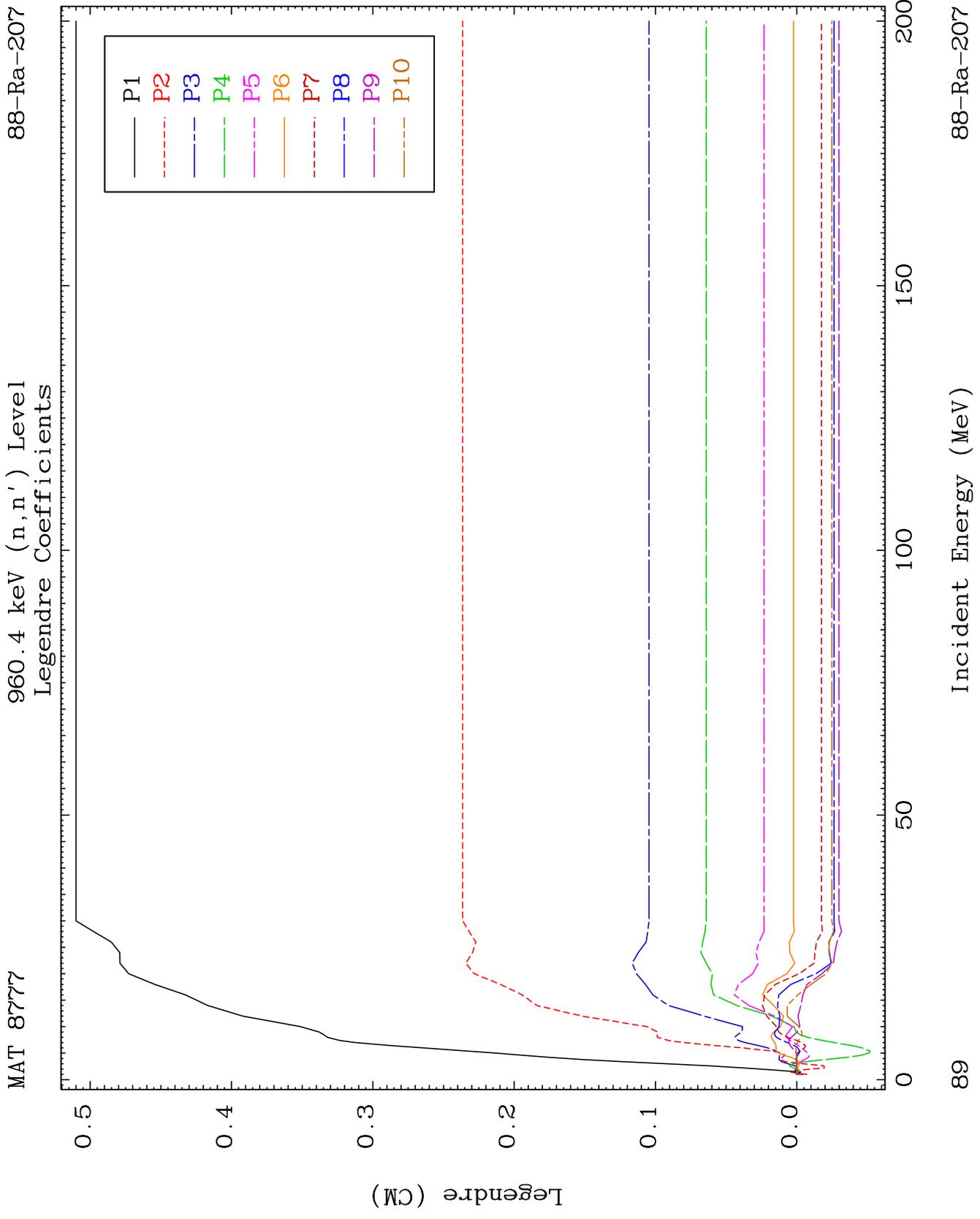
MAT 8777

929.2 keV (n,n') Level
Legendre Coefficients

88-Ra-207



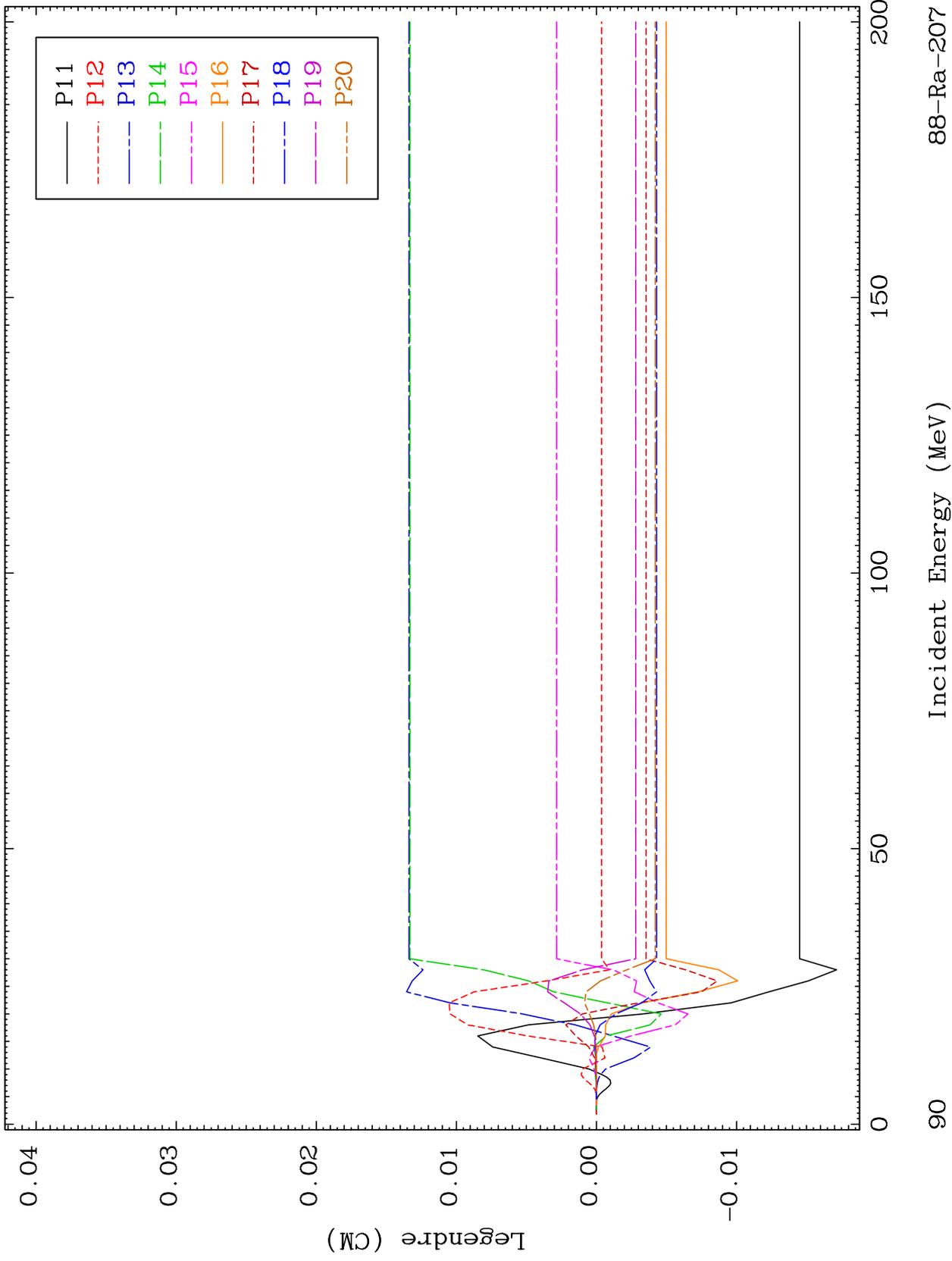




MAT 8777

960.4 keV (n,n') Level
Legendre Coefficients

88-Ra-207



88-Ra-207

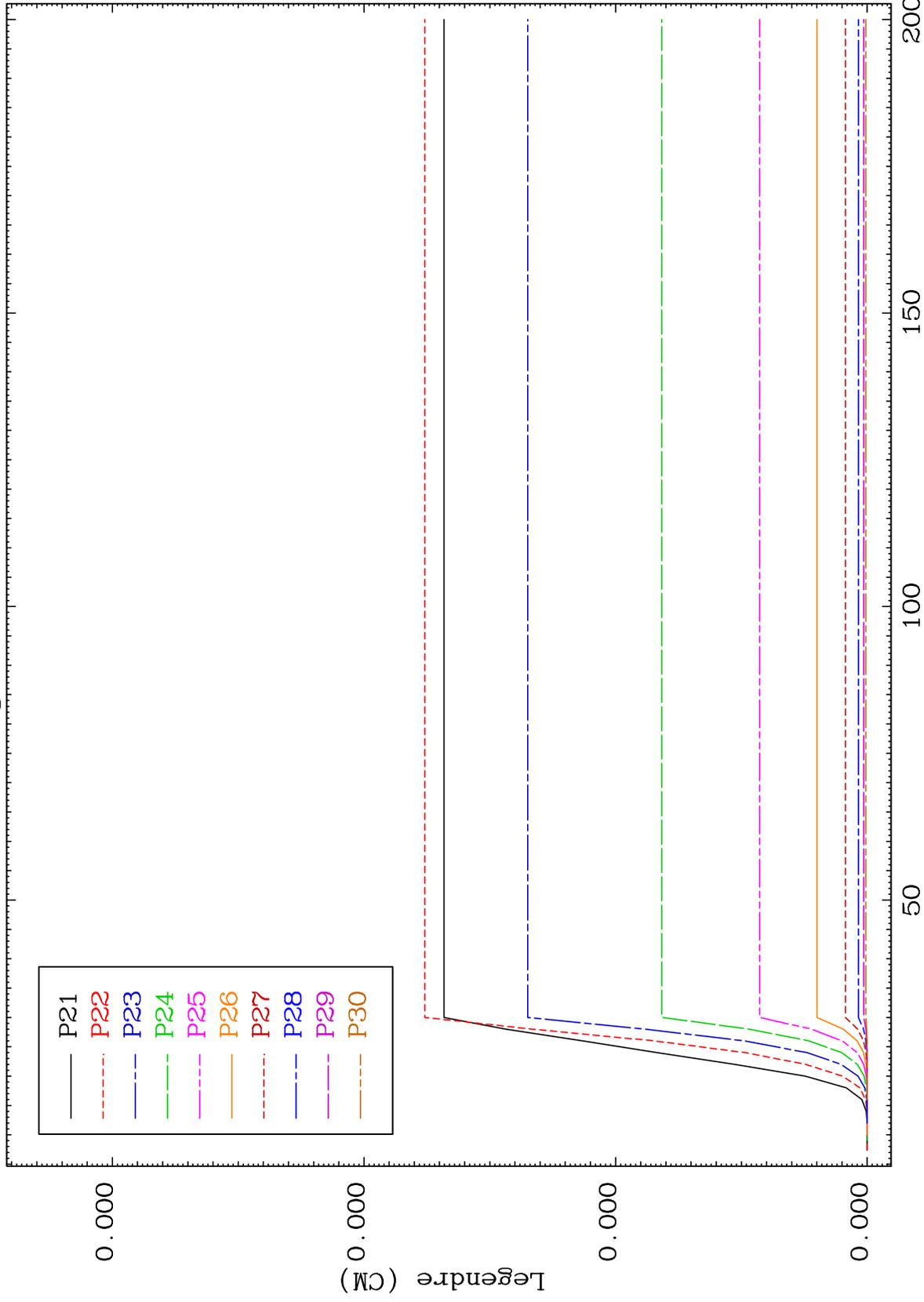
Incident Energy (MeV)

90

MAT 8777

960.4 keV (n,n') Level
Legendre Coefficients

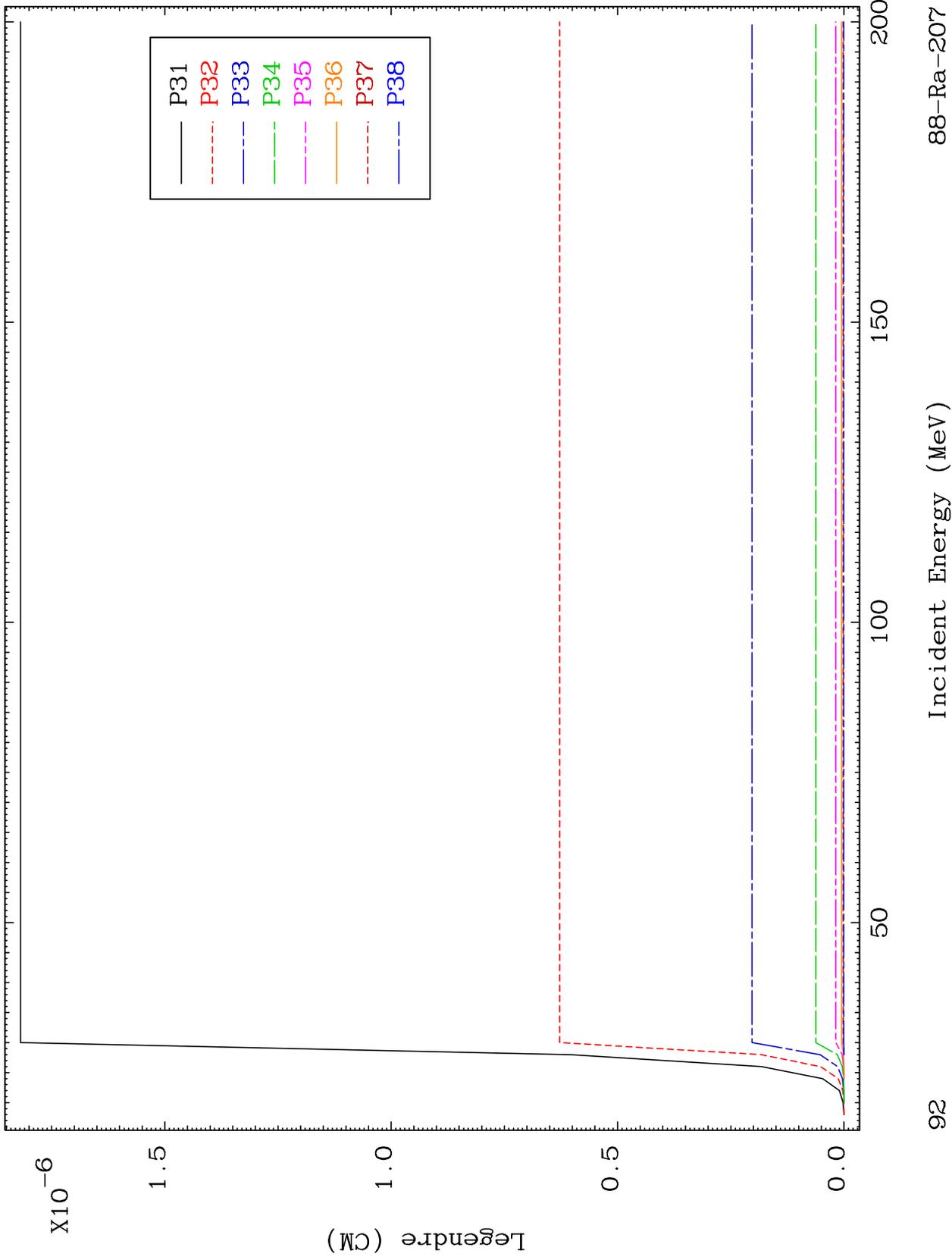
88-Ra-207

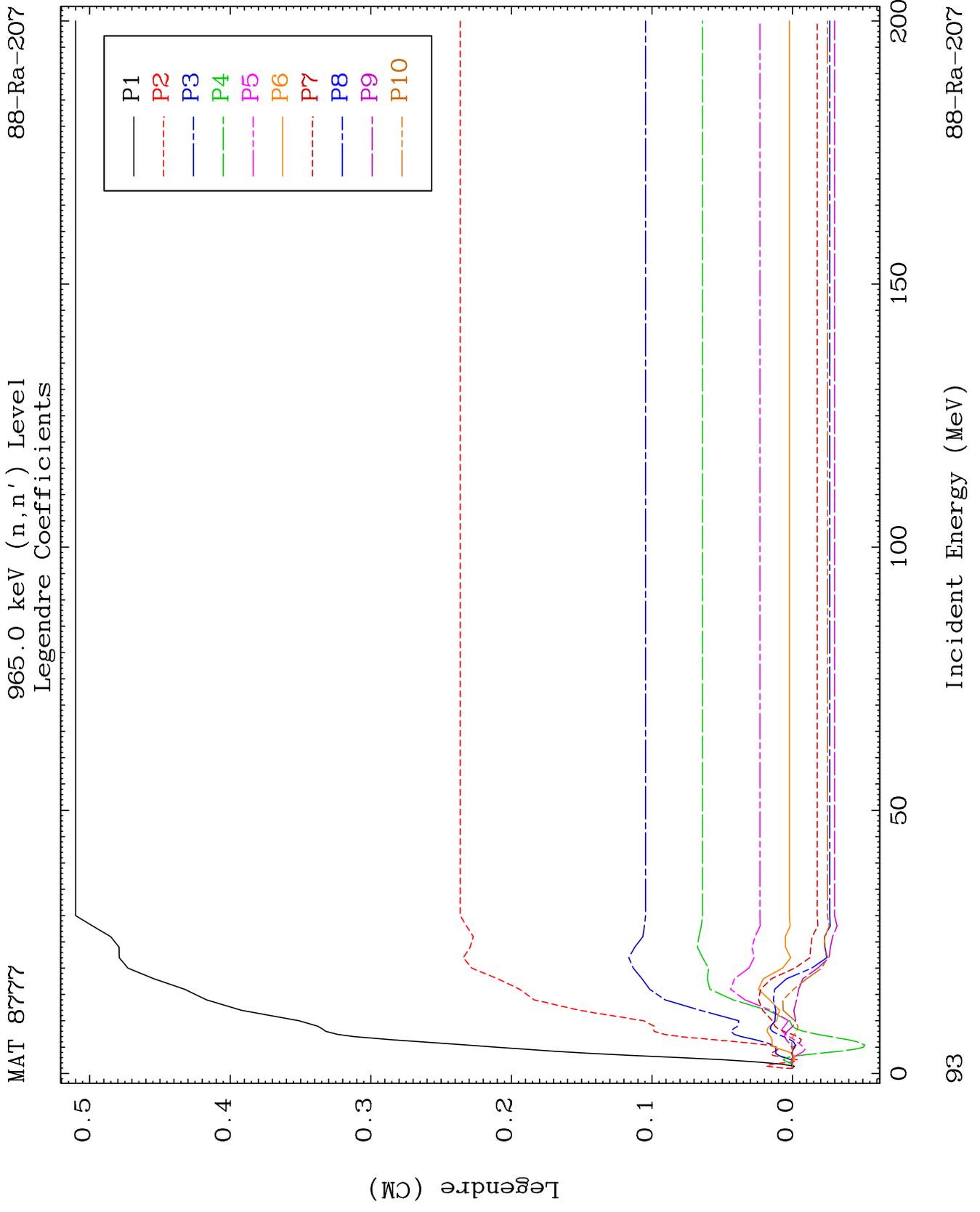


MAT 8777

960.4 keV (n,n') Level
Legendre Coefficients

88-Ra-207

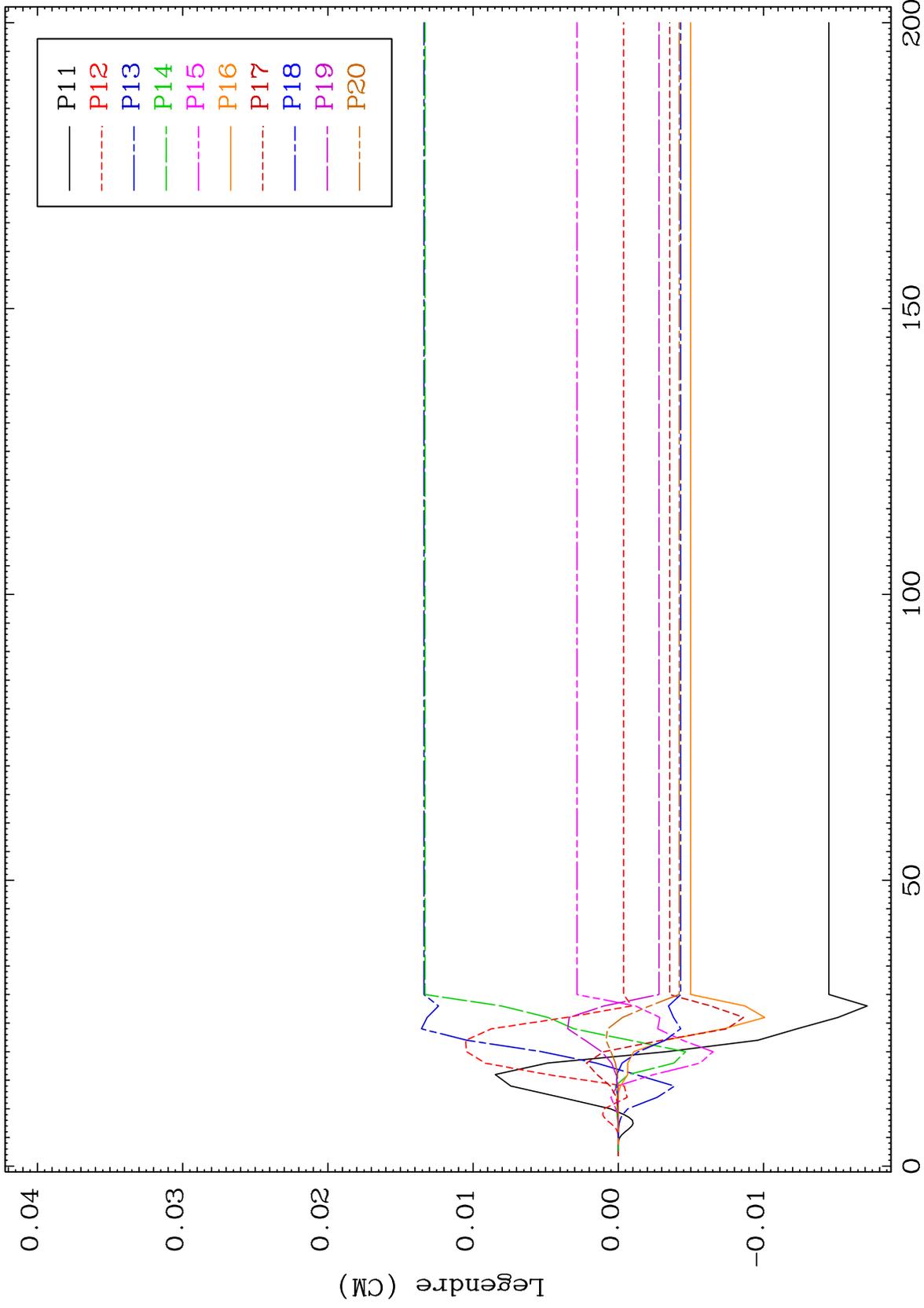




MAT 8777

965.0 keV (n,n') Level
Legendre Coefficients

88-Ra-207



94

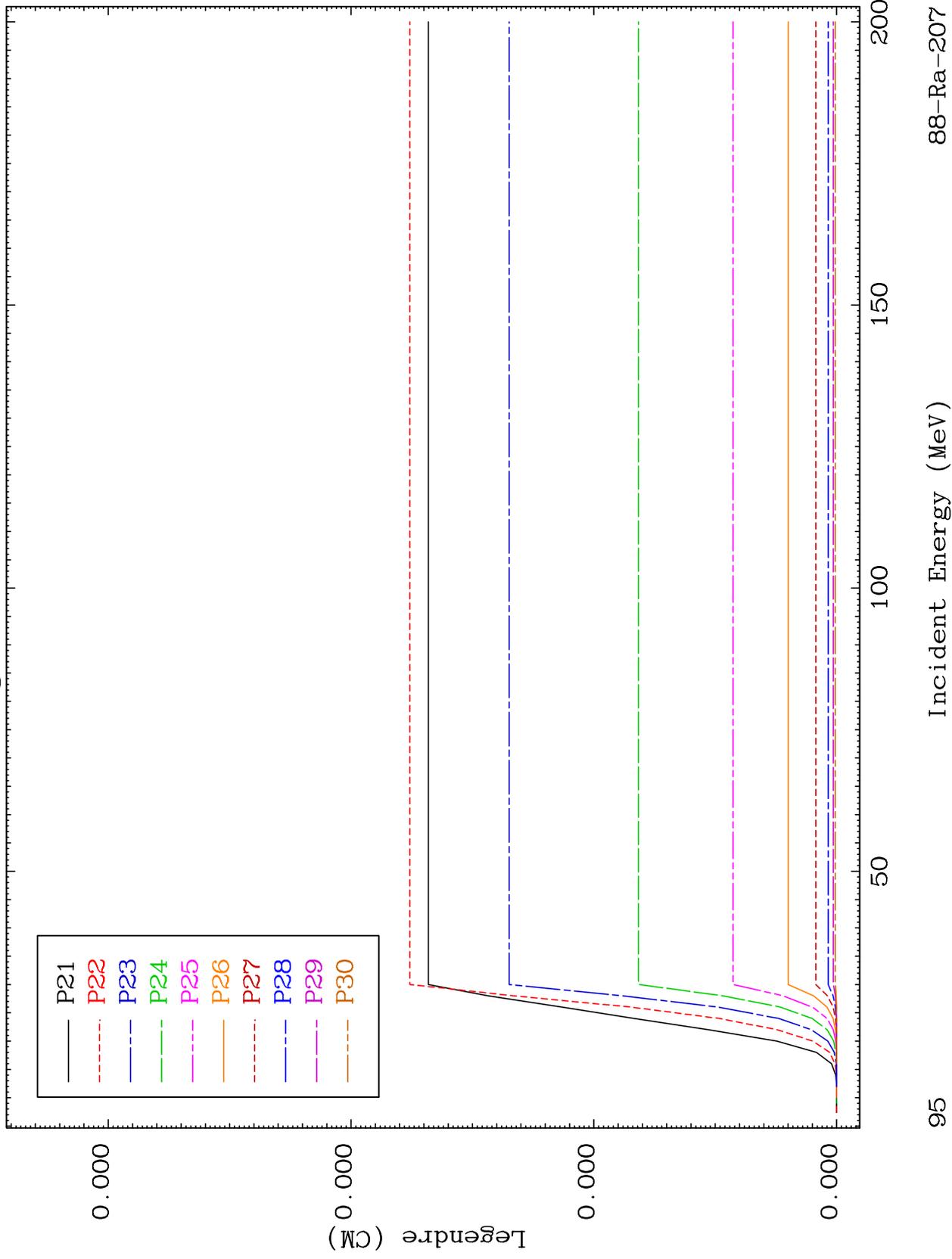
Incident Energy (MeV)

88-Ra-207

MAT 8777

965.0 keV (n, n') Level
Legendre Coefficients

88-Ra-207



95

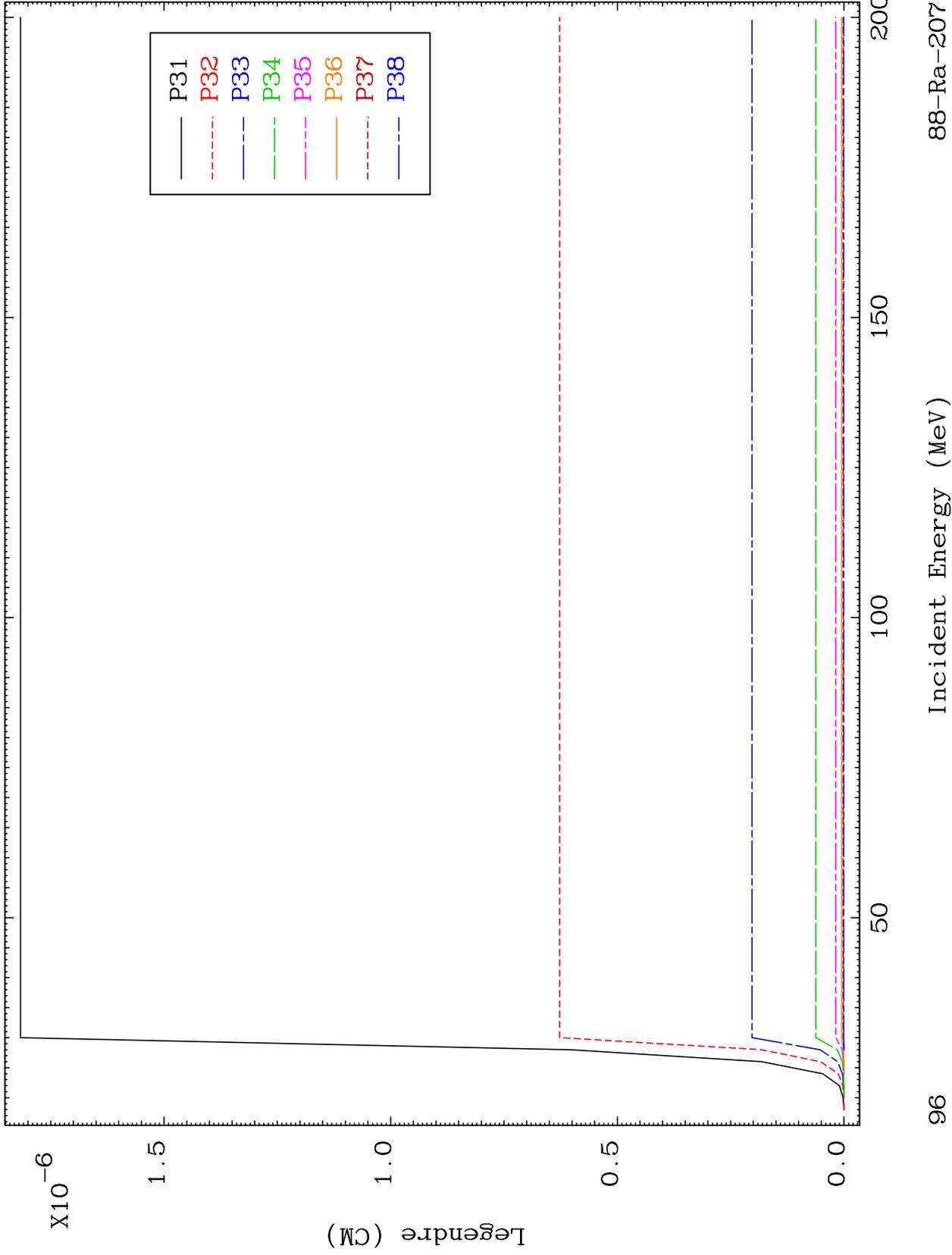
Incident Energy (MeV)

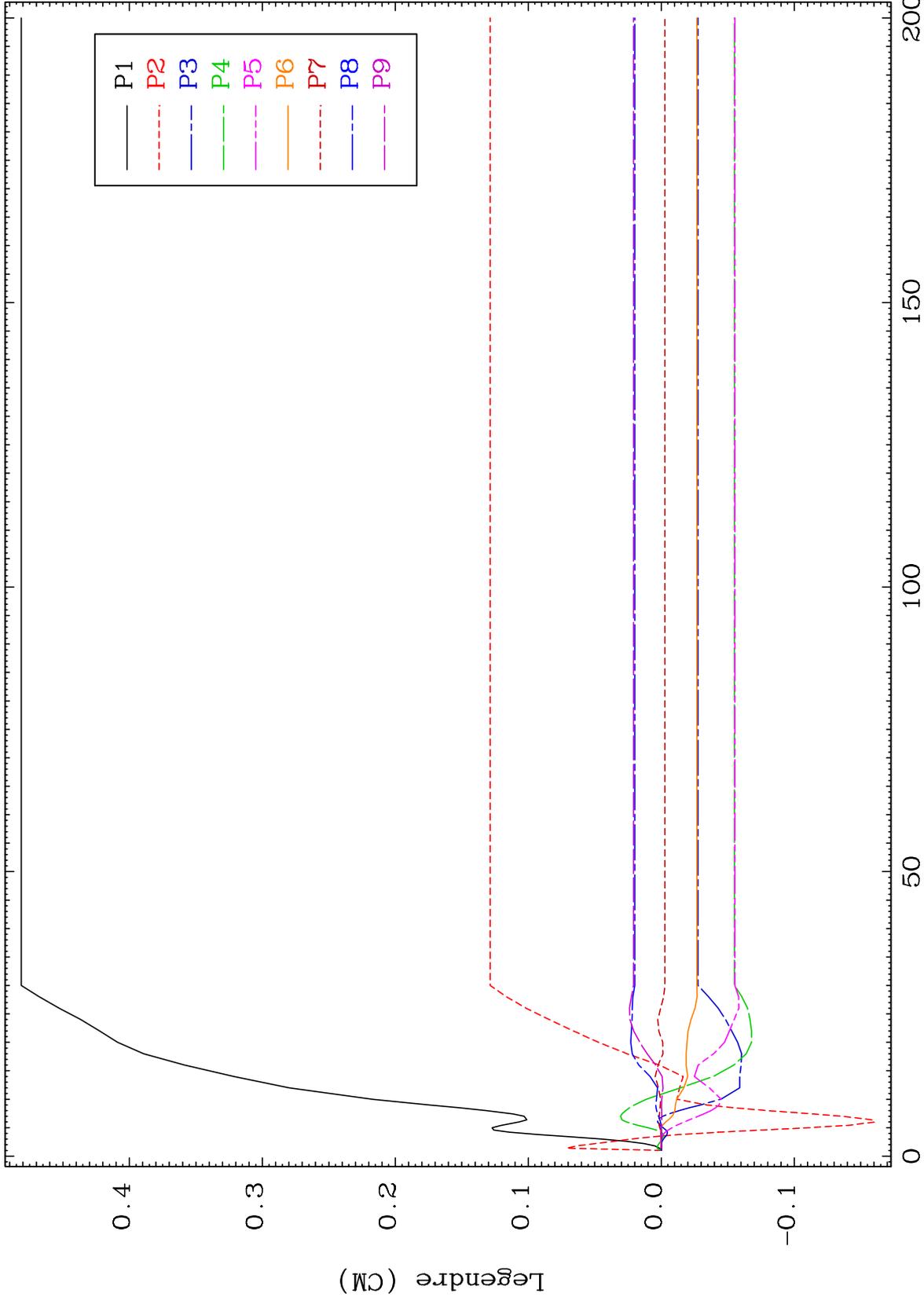
88-Ra-207

MAT 8777

965.0 keV (n,n') Level
Legendre Coefficients

88-Ra-207

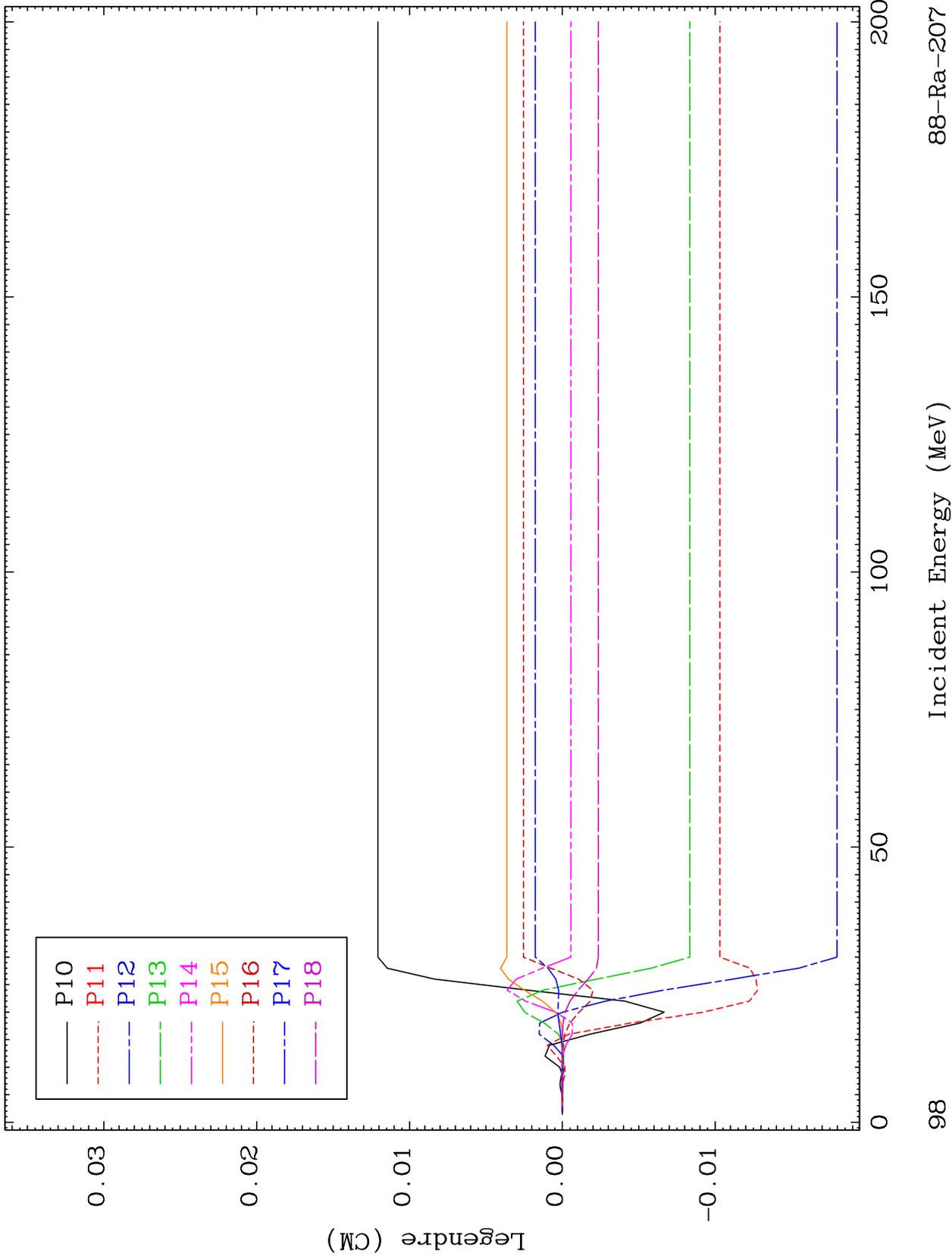




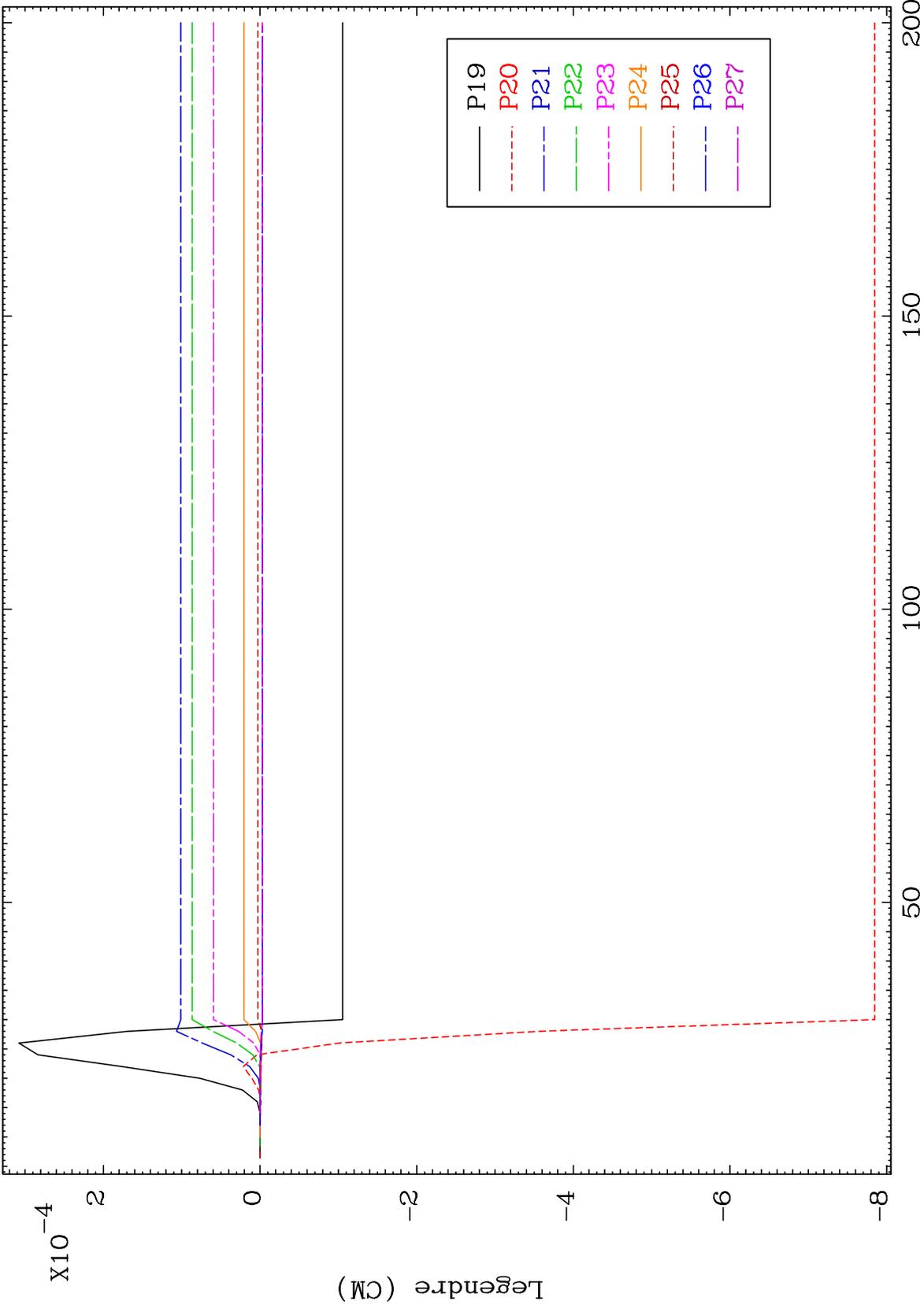
MAT 8777

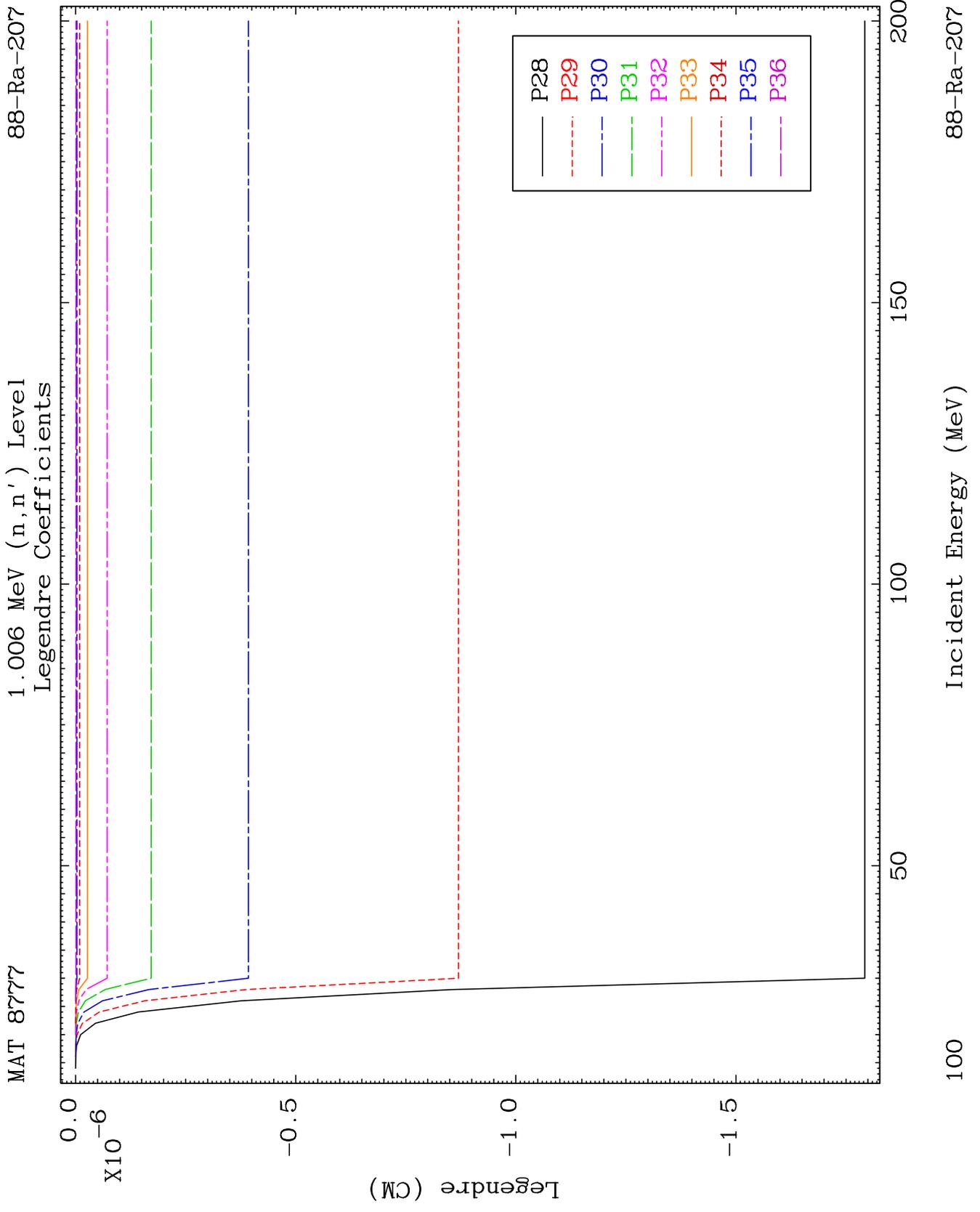
1.006 MeV (n,n') Level
Legendre Coefficients

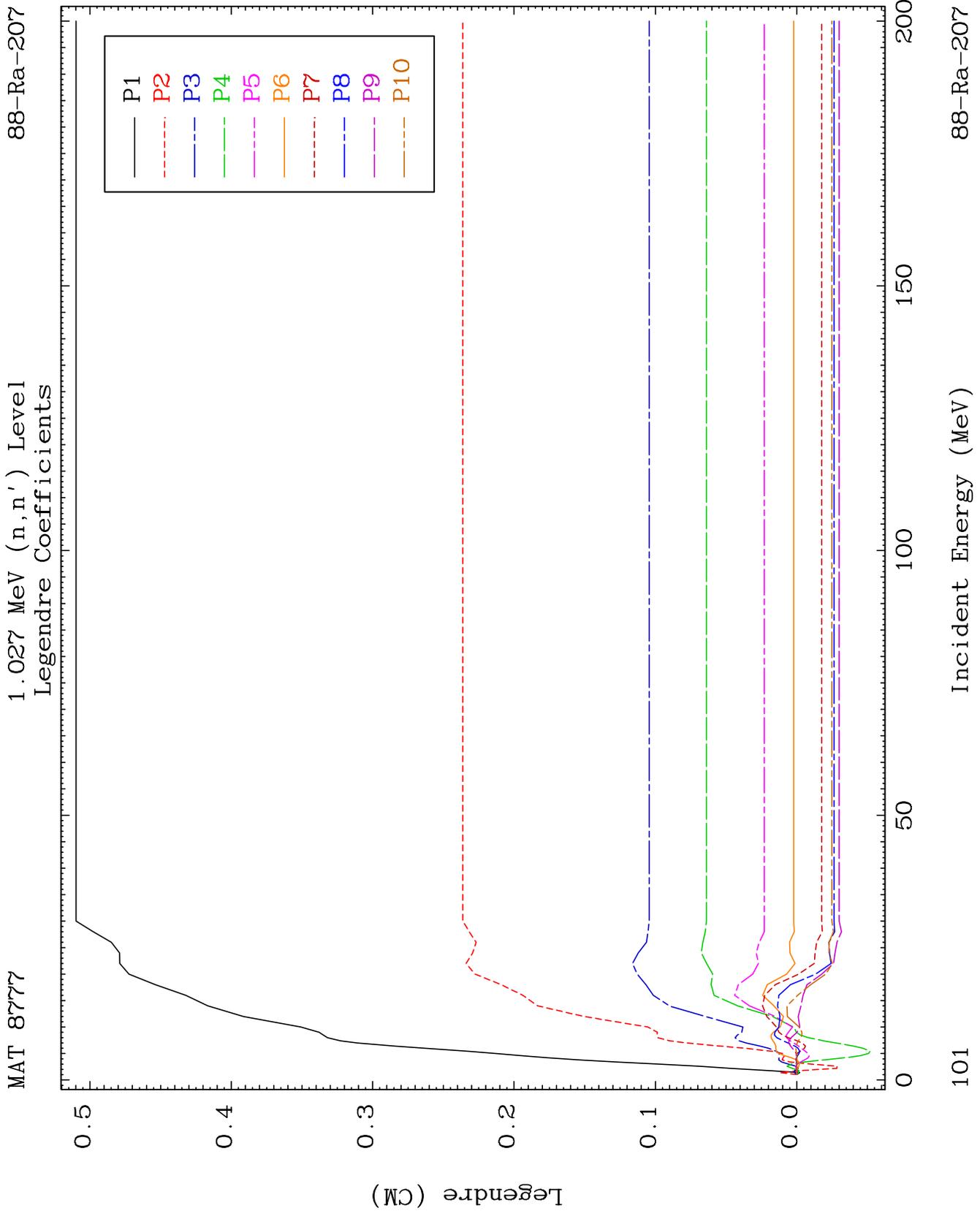
88-Ra-207



98







88-Ra-207

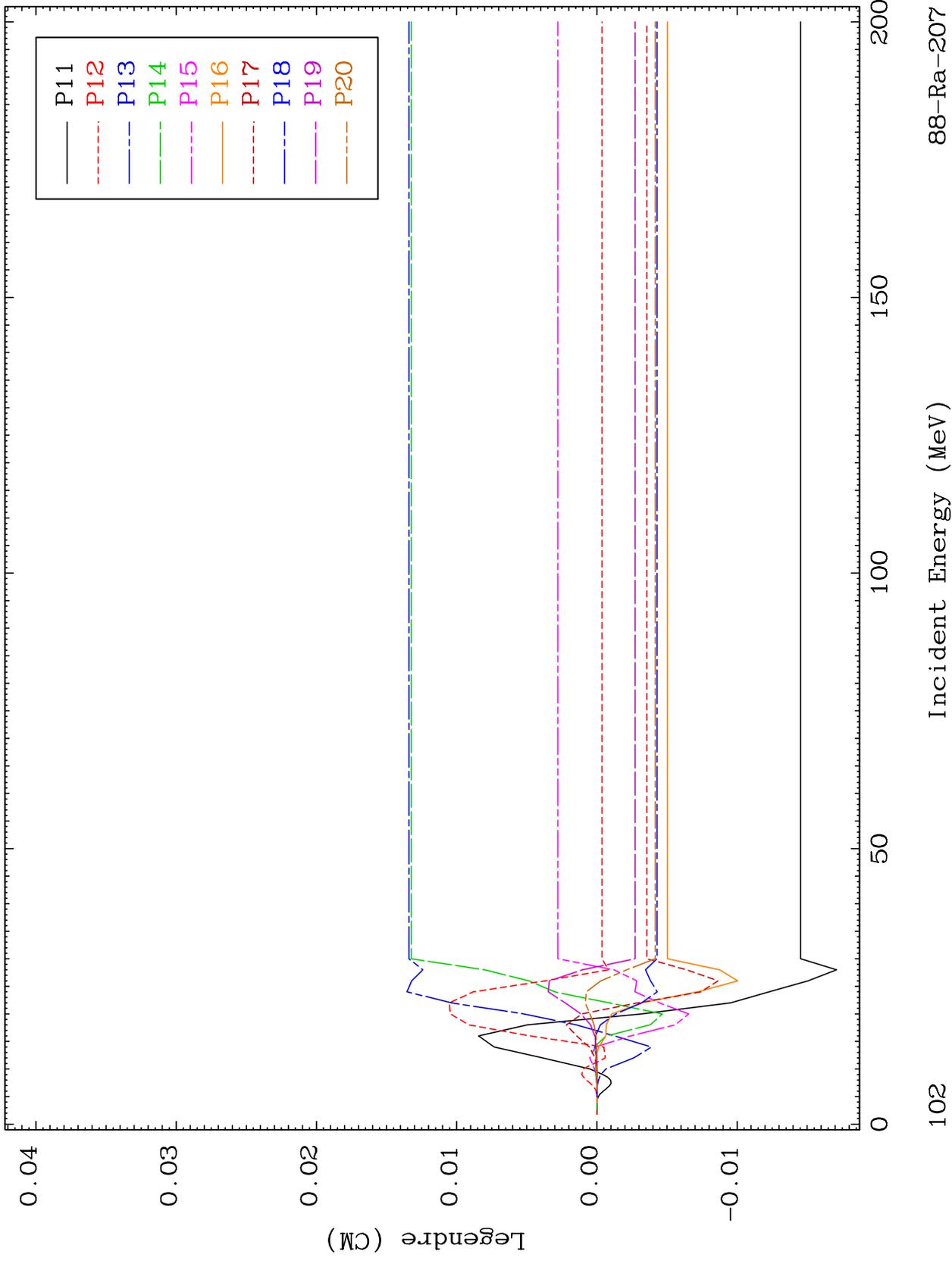
Incident Energy (MeV)

101

MAT 8777

1.027 MeV (n,n') Level
Legendre Coefficients

88-Ra-207



88-Ra-207

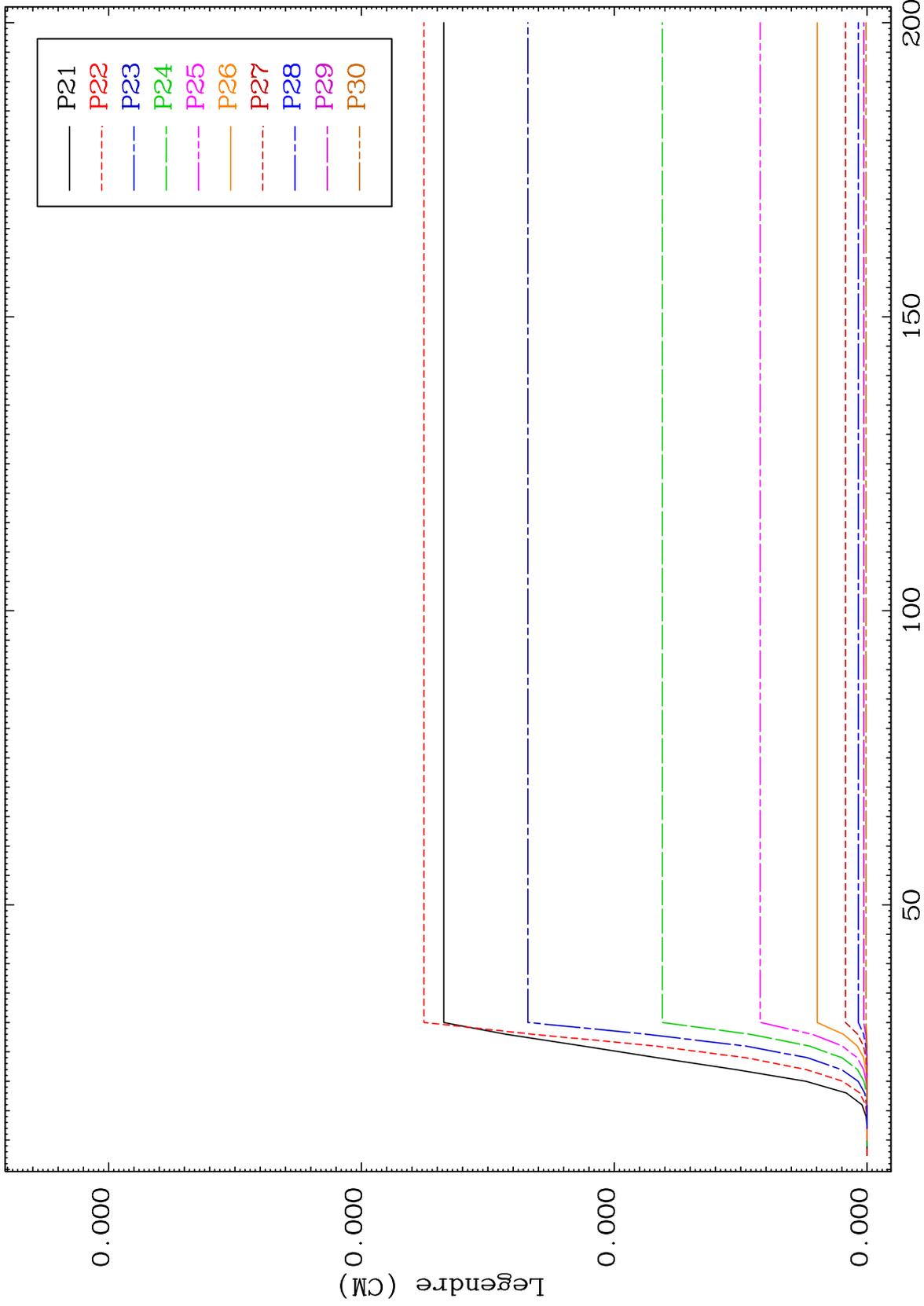
Incident Energy (MeV)

102

MAT 8777

1.027 MeV (n,n') Level
Legendre Coefficients

88-Ra-207



103

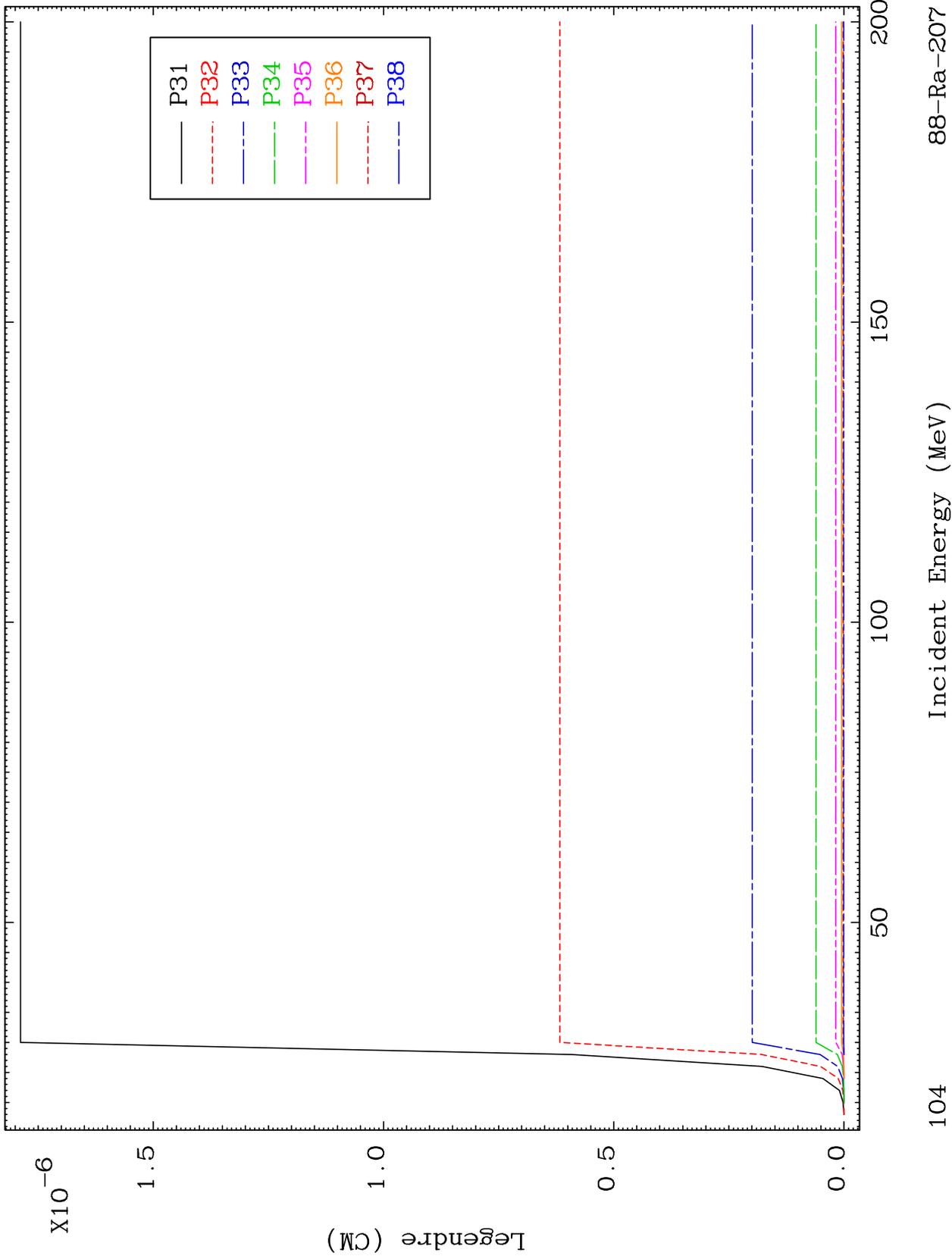
Incident Energy (MeV)

88-Ra-207

MAT 8777

1.027 MeV (n,n') Level
Legendre Coefficients

88-Ra-207



104

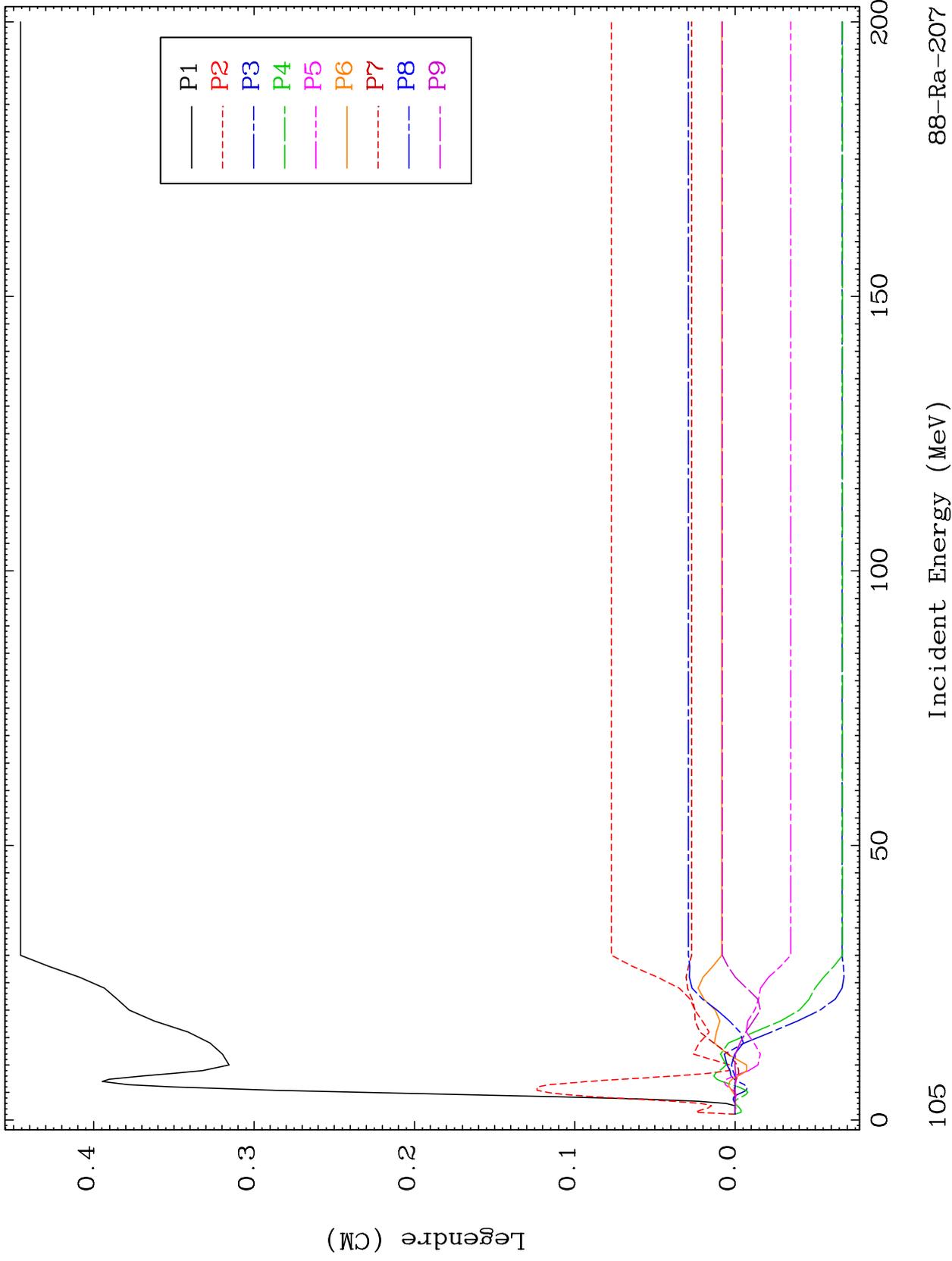
Incident Energy (MeV)

88-Ra-207

MAT 8777

1.035 MeV (n,n') Level
Legendre Coefficients

88-Ra-207



88-Ra-207

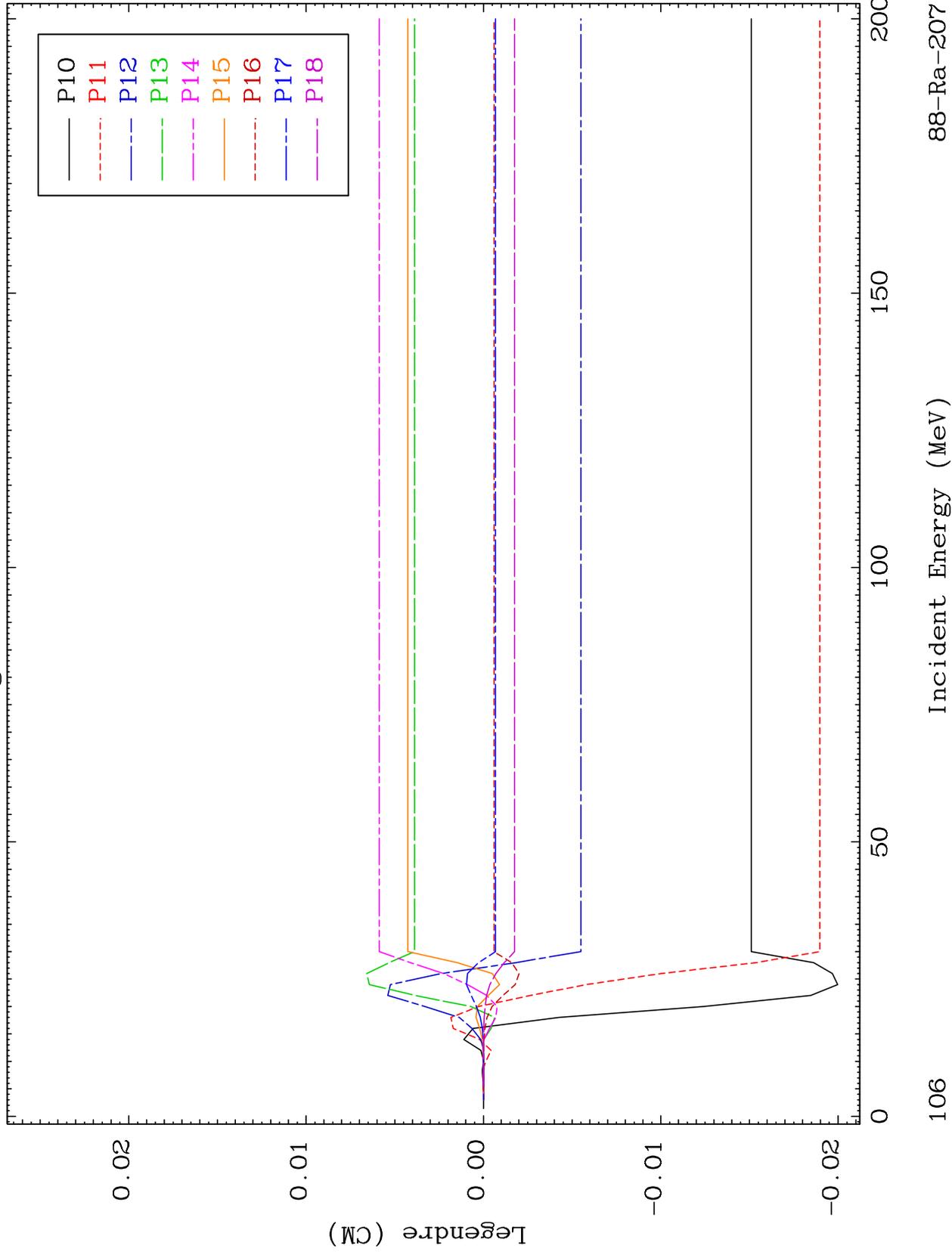
Incident Energy (MeV)

105

MAT 8777

1.035 MeV (n,n') Level
Legendre Coefficients

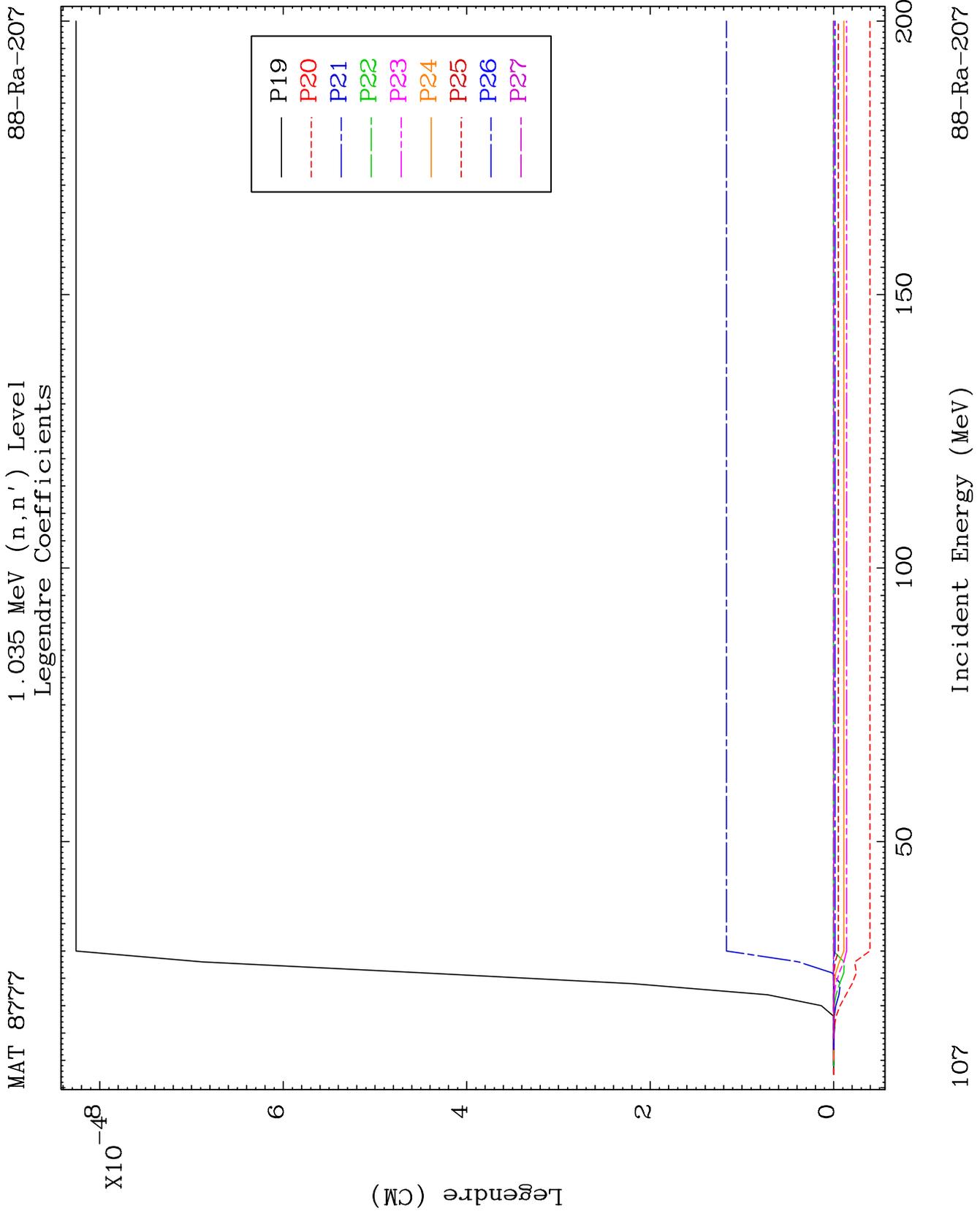
88-Ra-207



106

Incident Energy (MeV)

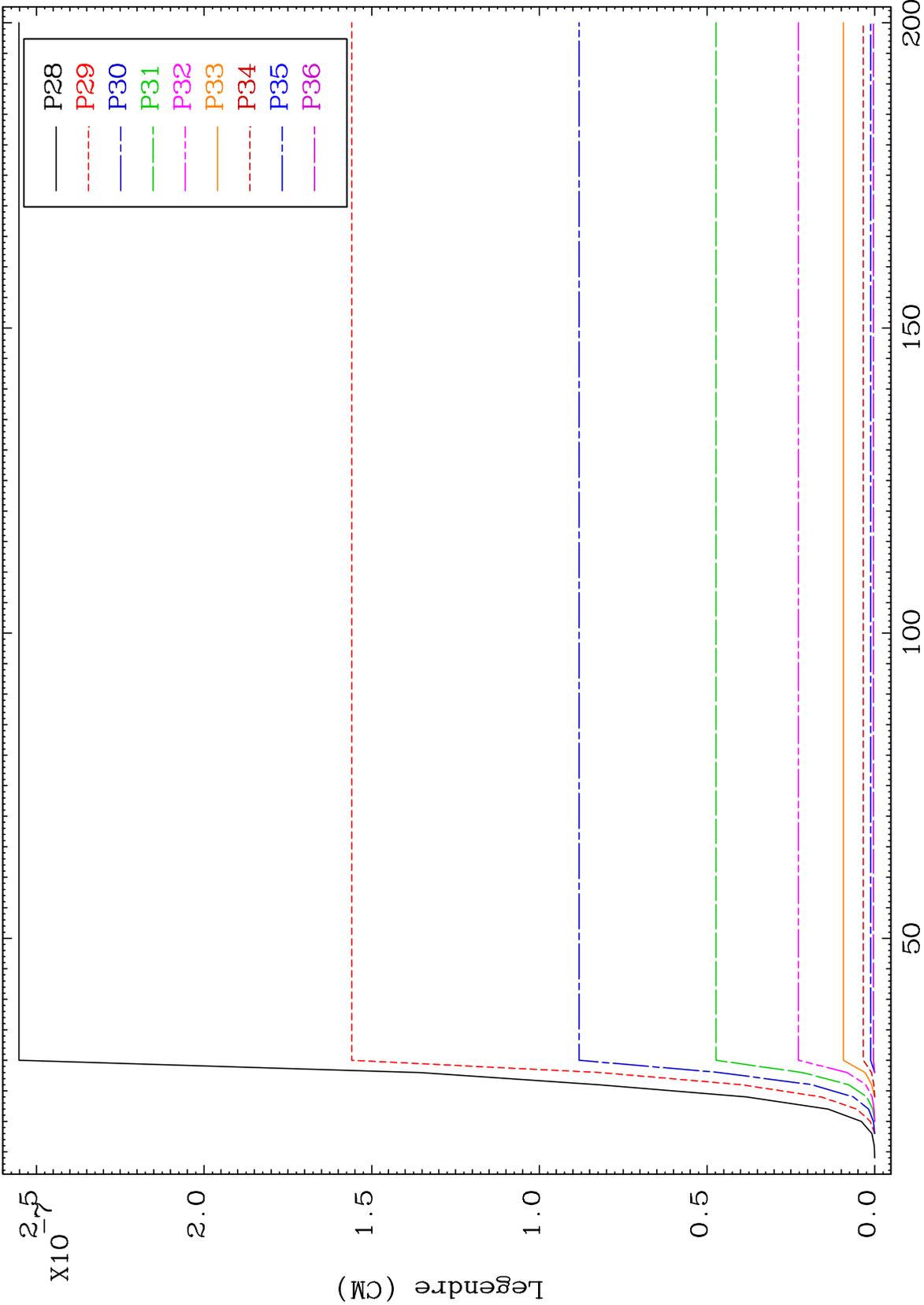
88-Ra-207



MAT 8777

1.035 MeV (n,n') Level
Legendre Coefficients

88-Ra-207



108

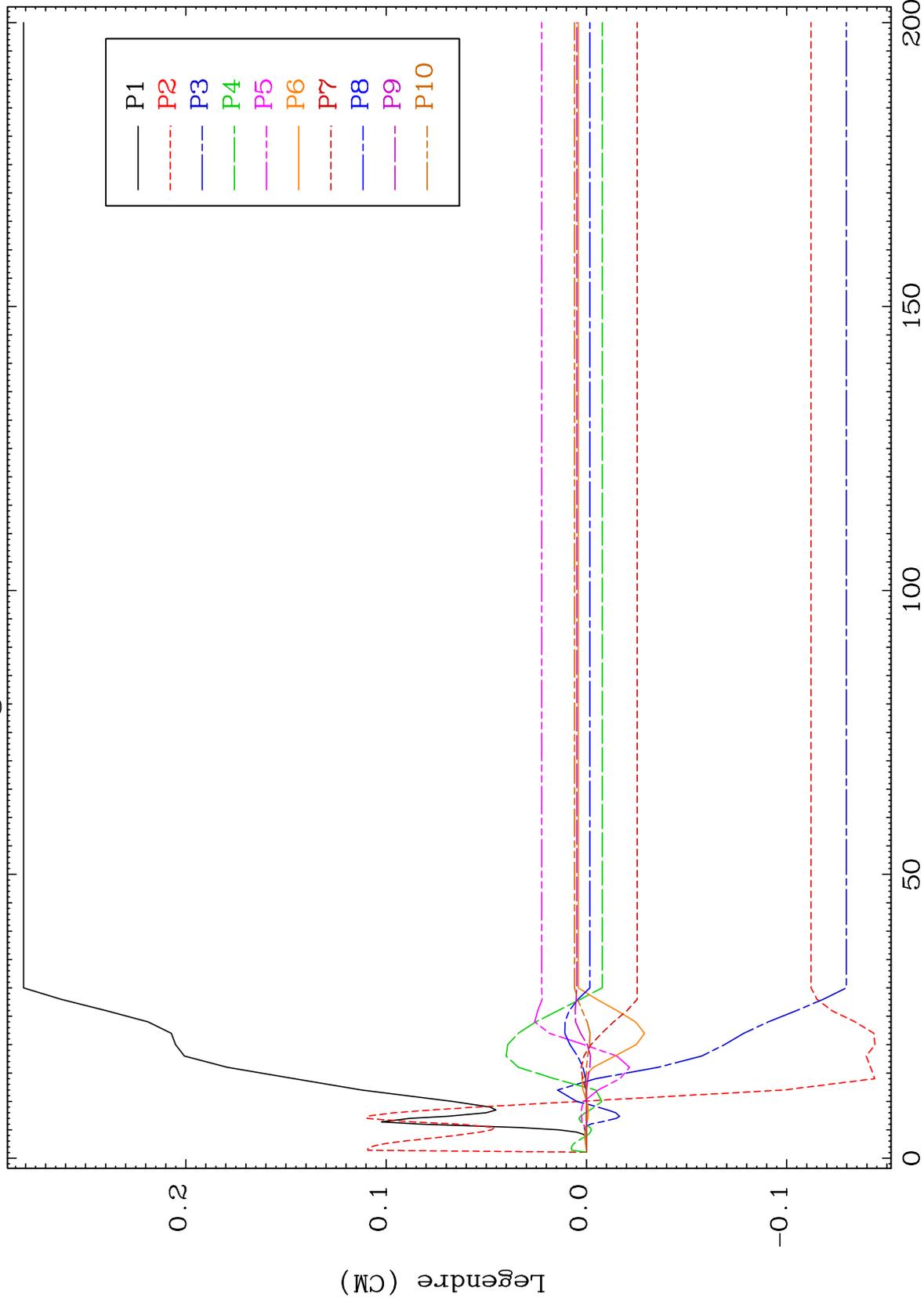
Incident Energy (MeV)

88-Ra-207

MAT 8777

1.050 MeV (n,n') Level
Legendre Coefficients

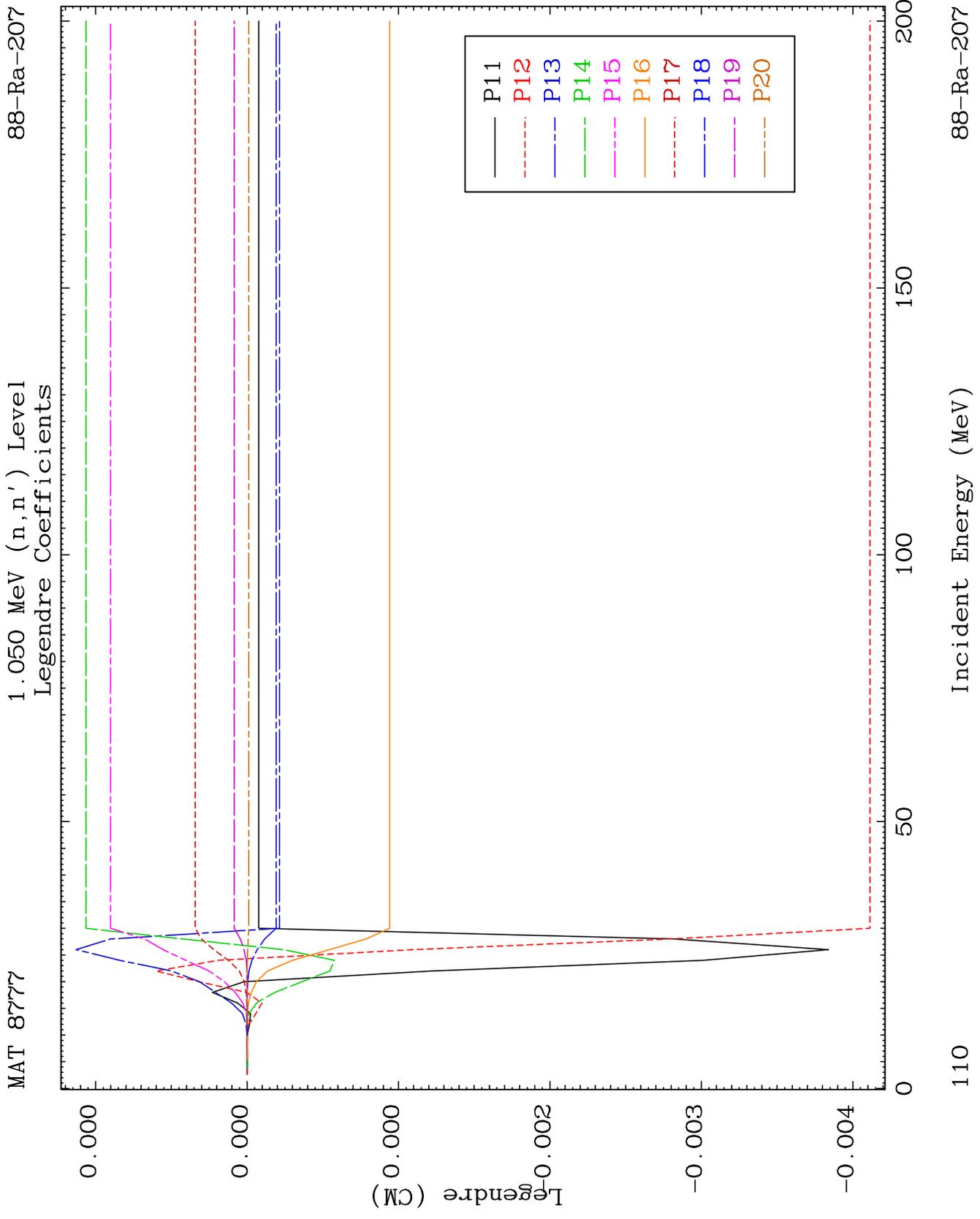
88-Ra-207

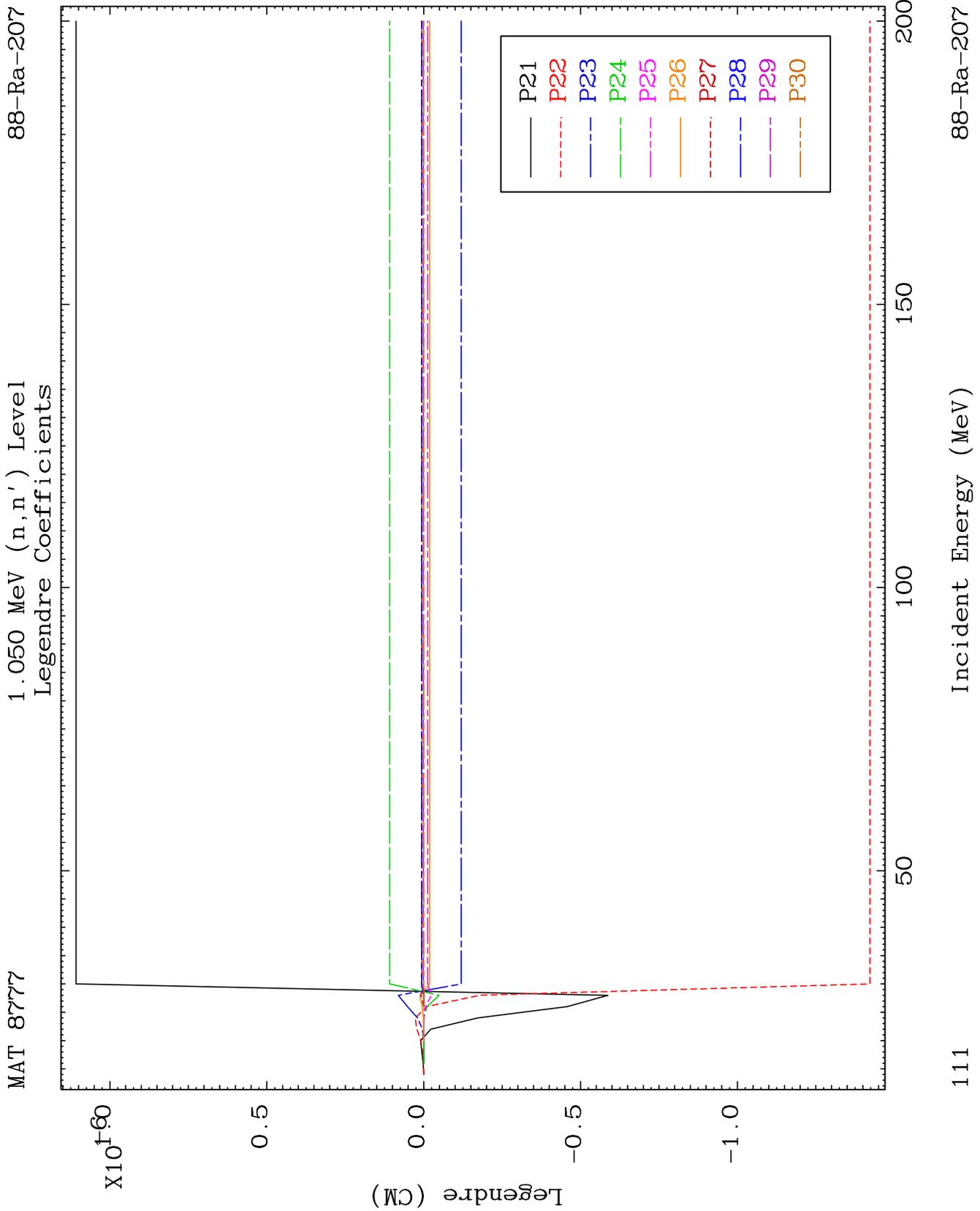


109

Incident Energy (MeV)

88-Ra-207

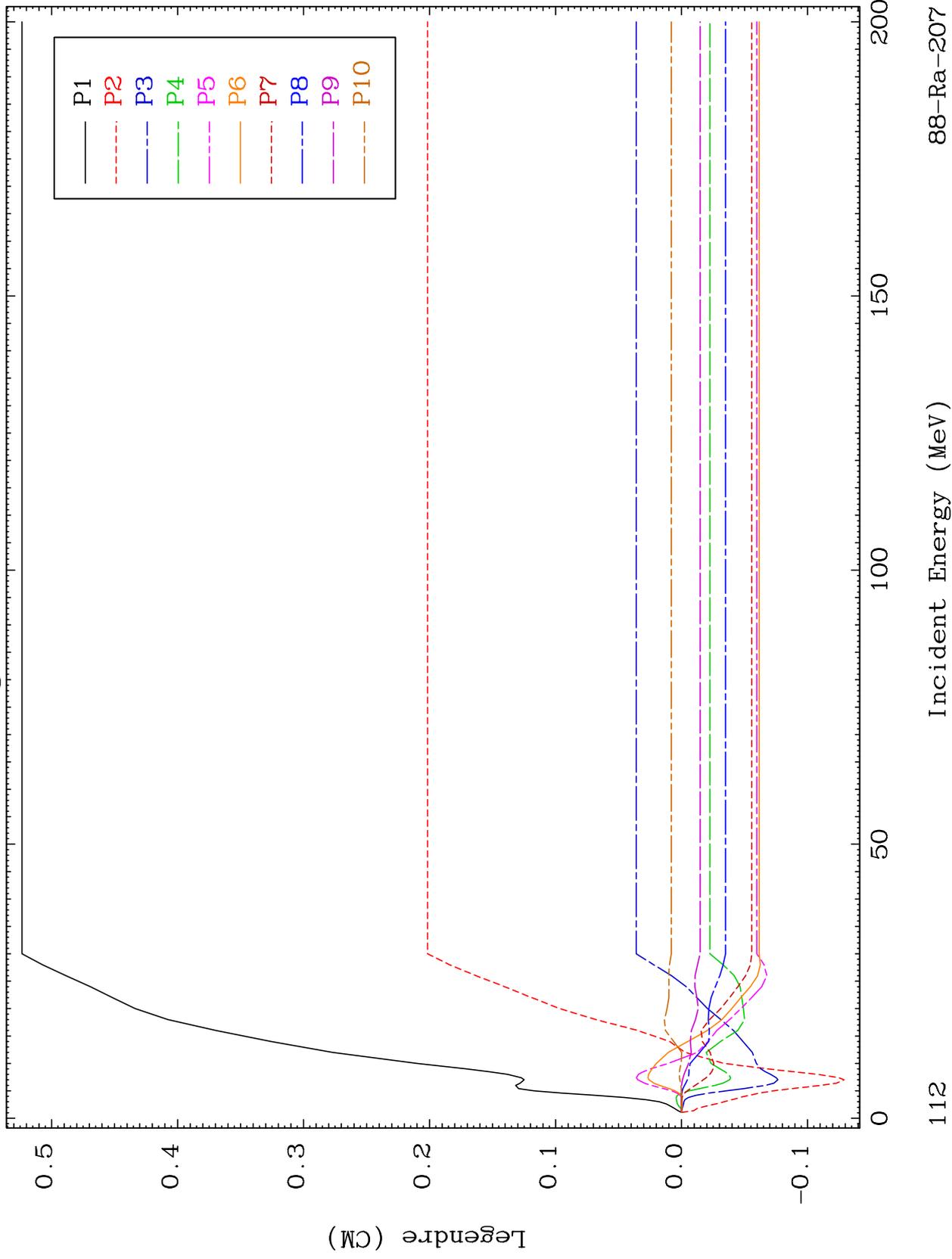




MAT 8777

1.053 MeV (n,n') Level
Legendre Coefficients

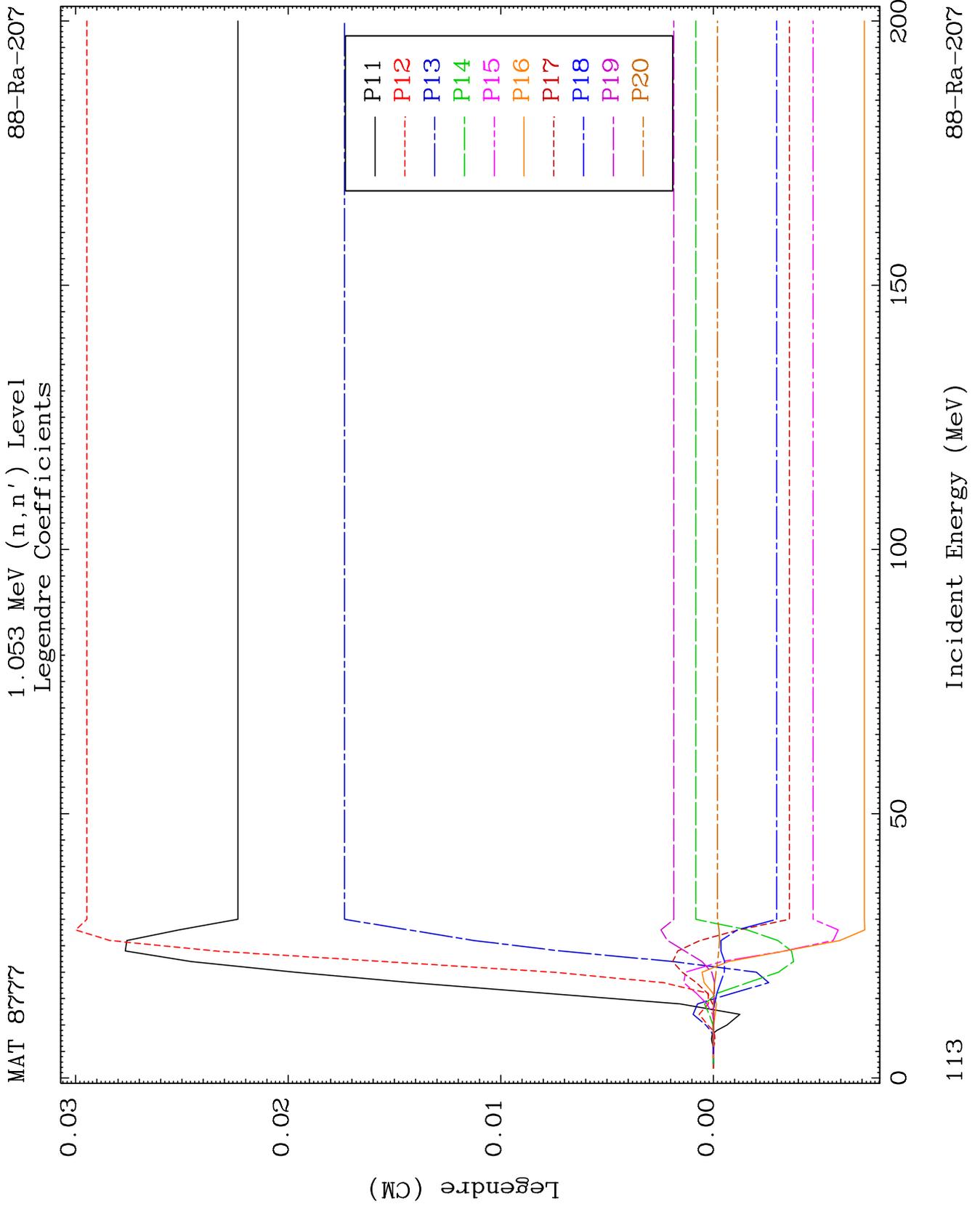
88-Ra-207

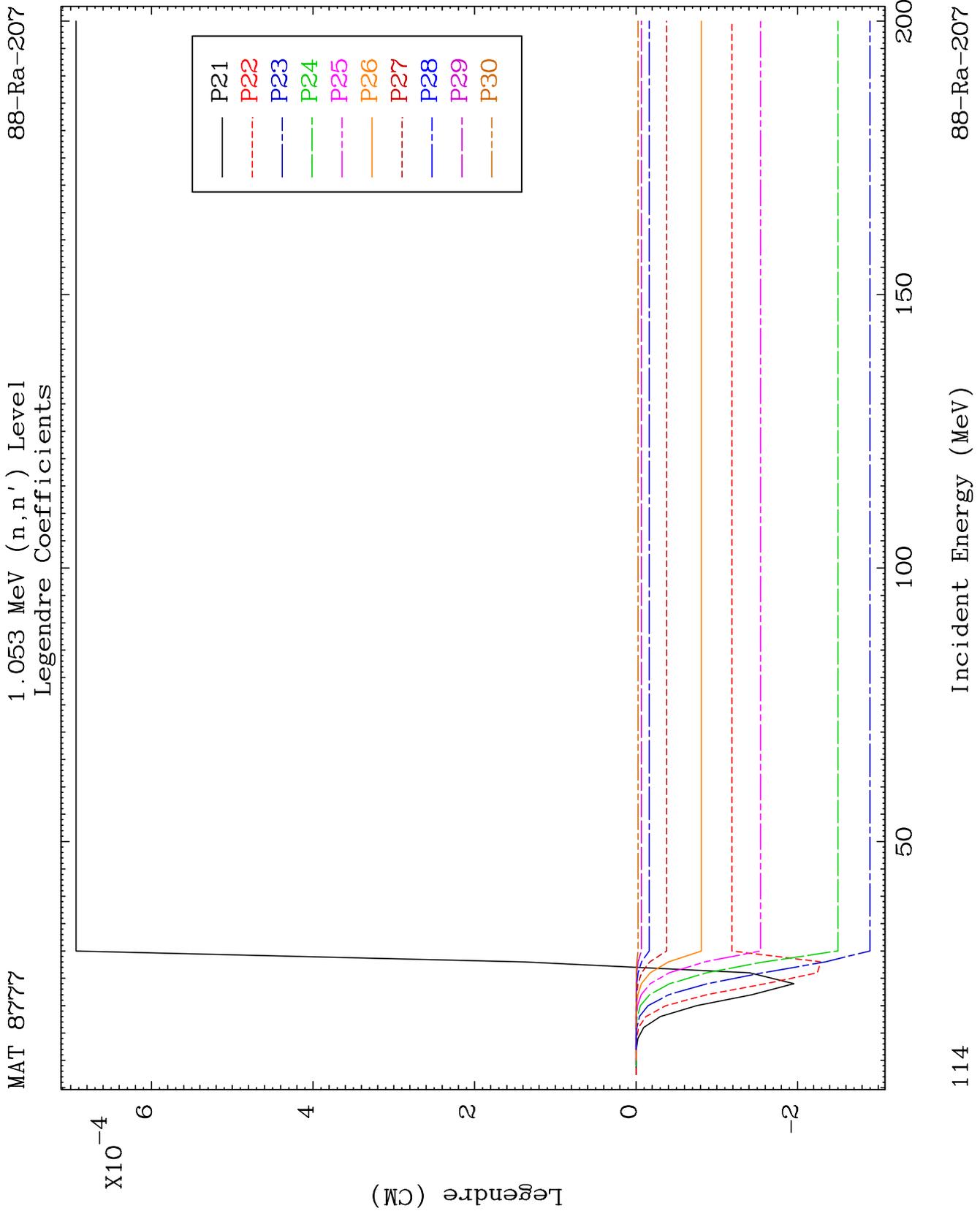


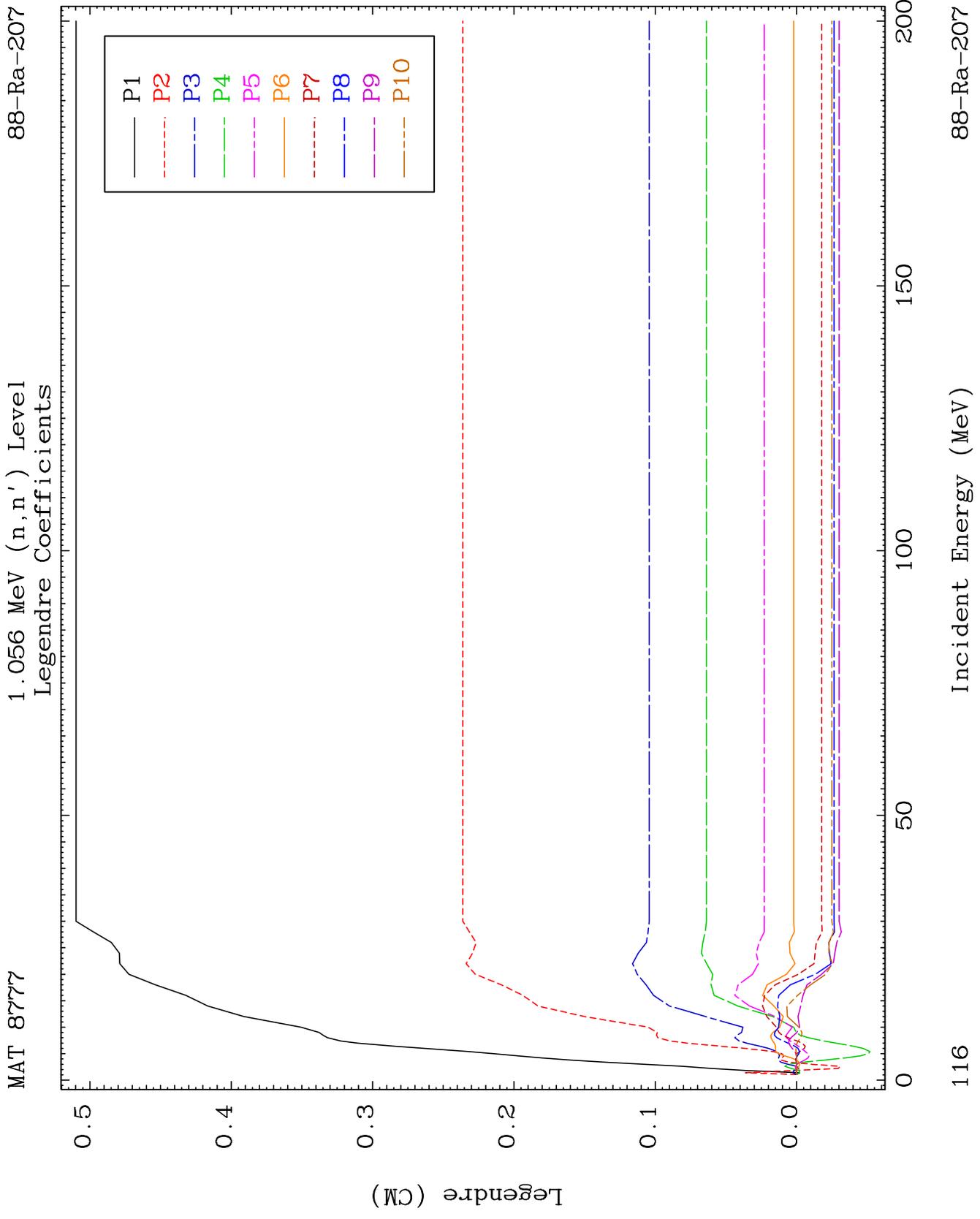
88-Ra-207

Incident Energy (MeV)

112



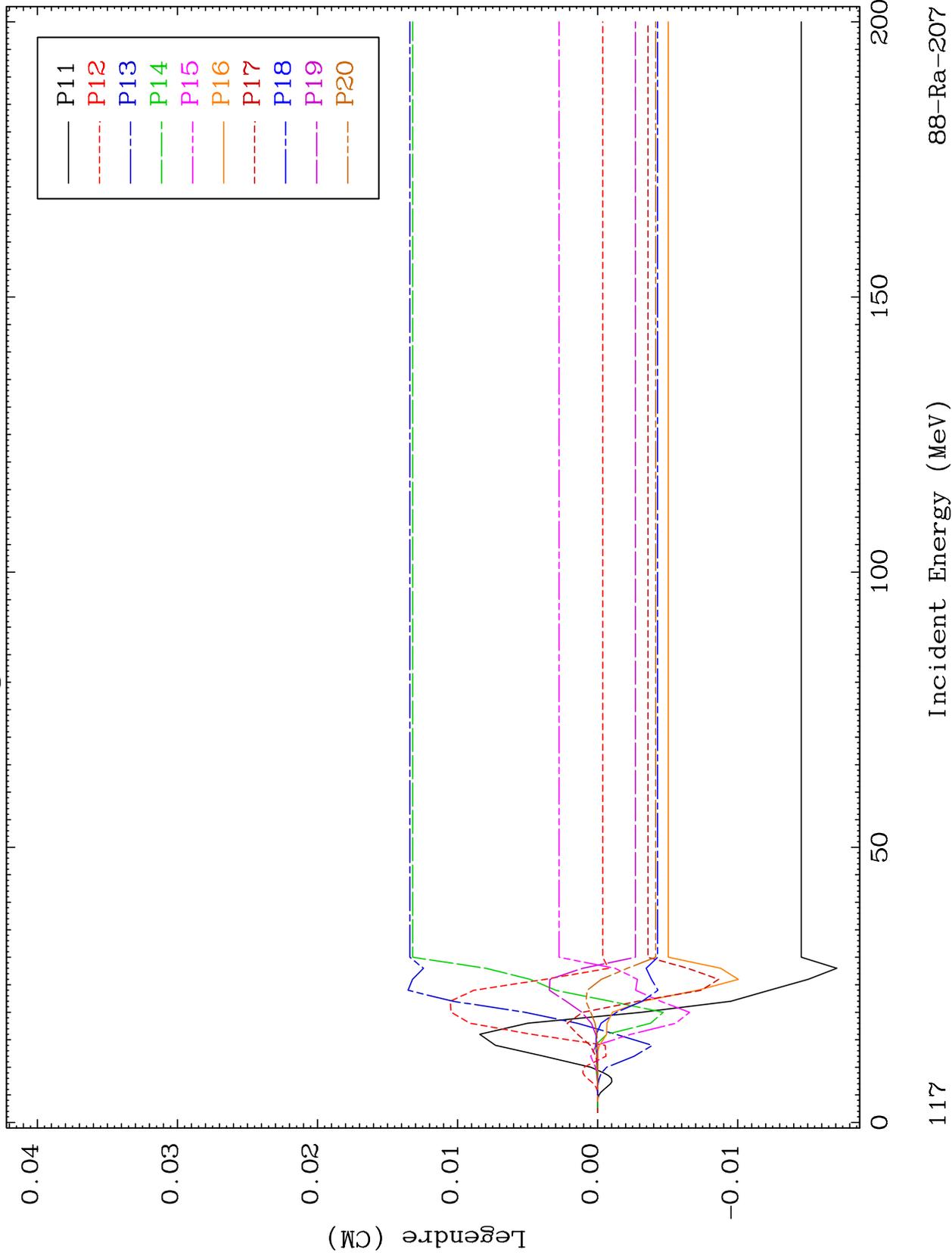




MAT 8777

1.056 MeV (n,n') Level
Legendre Coefficients

88-Ra-207



117

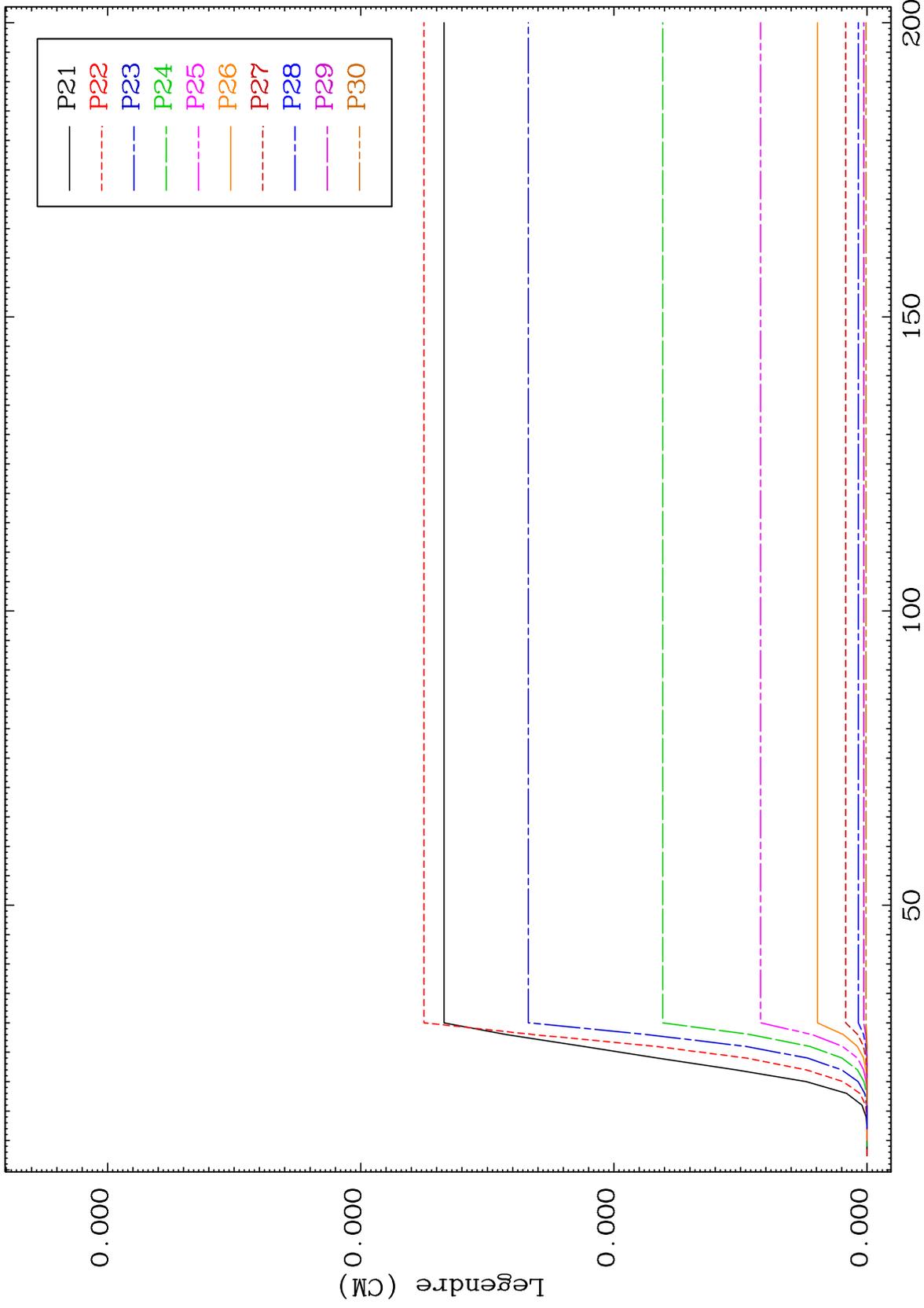
Incident Energy (MeV)

88-Ra-207

MAT 8777

1.056 MeV (n,n') Level
Legendre Coefficients

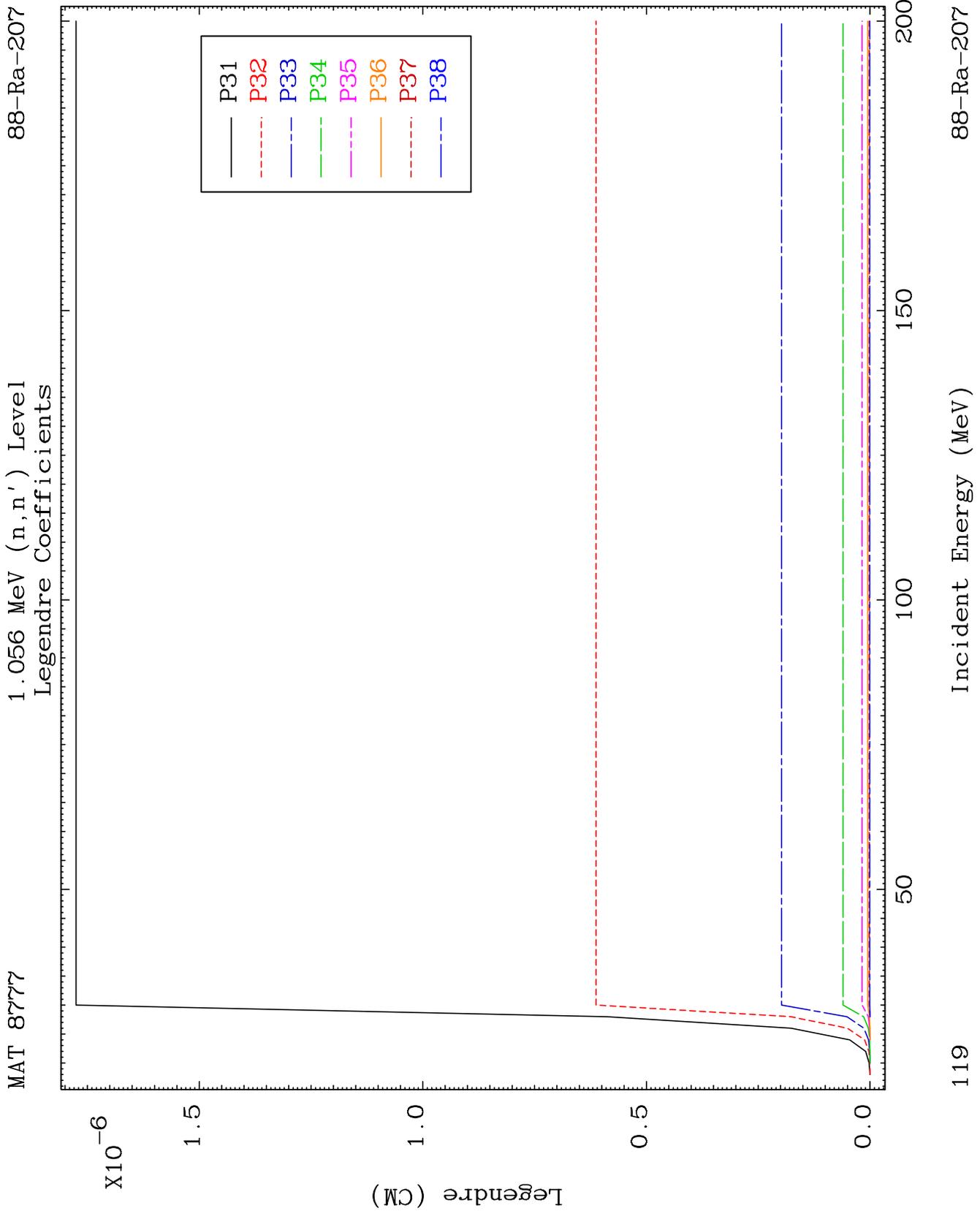
88-Ra-207



118

Incident Energy (MeV)

88-Ra-207

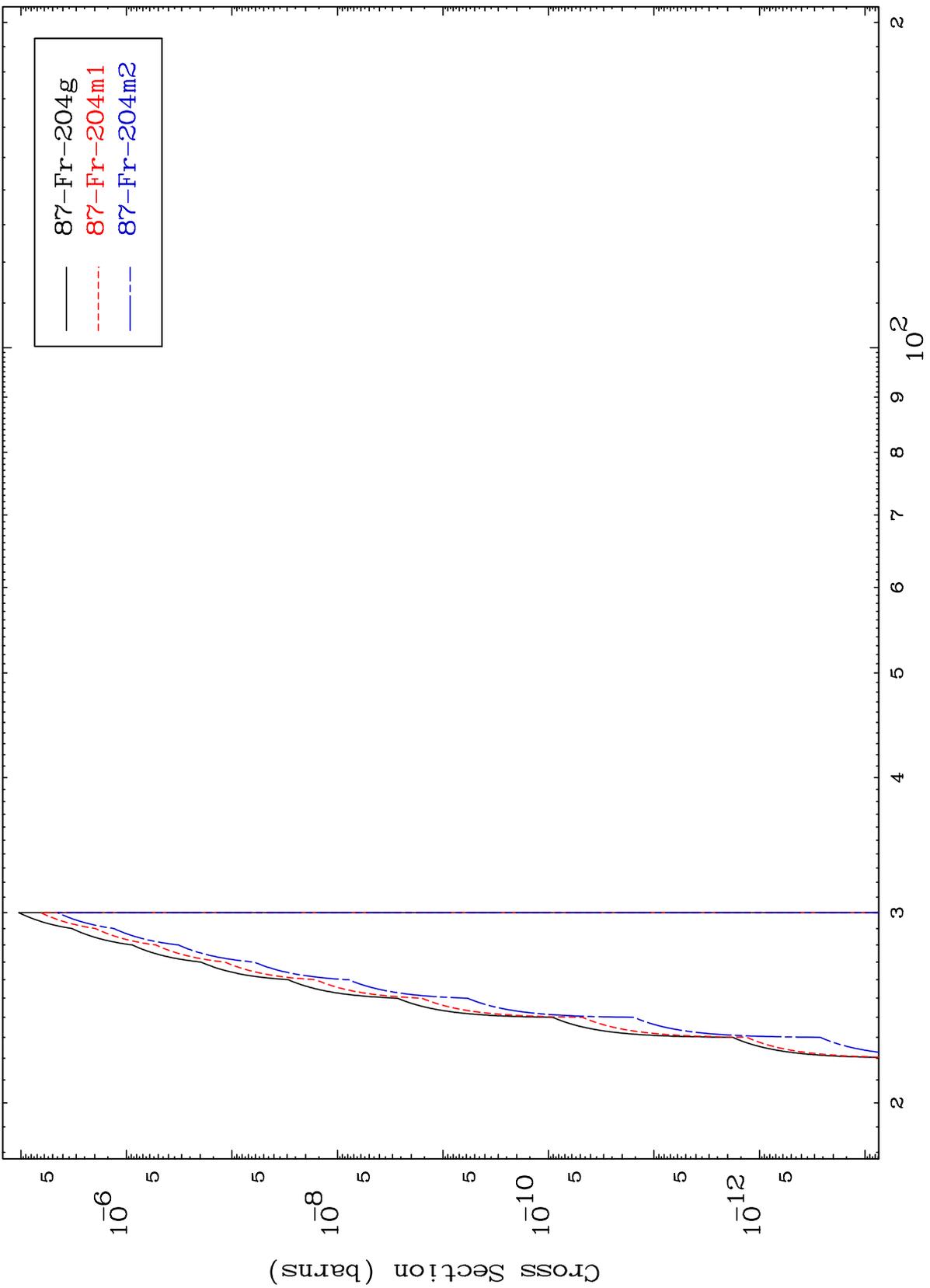


MAT 87777

(n,2n) d

88-Ra-207

Radionuclide Production Cross Section



120

Incident Energy (MeV)

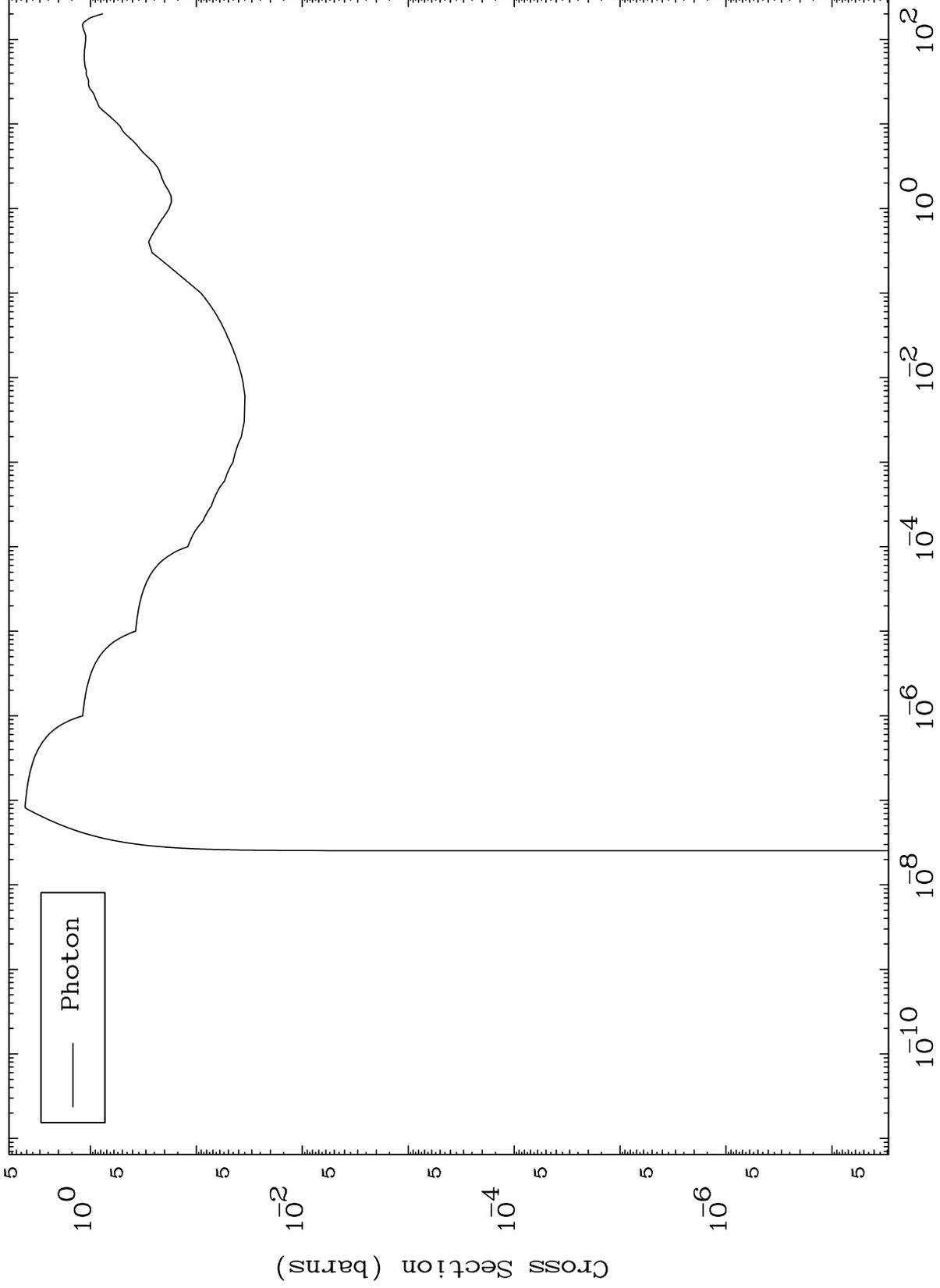
88-Ra-207

MAT 8777

Fission

88-Ra-207

Radionuclide Production Cross Section



121

Incident Energy (MeV)

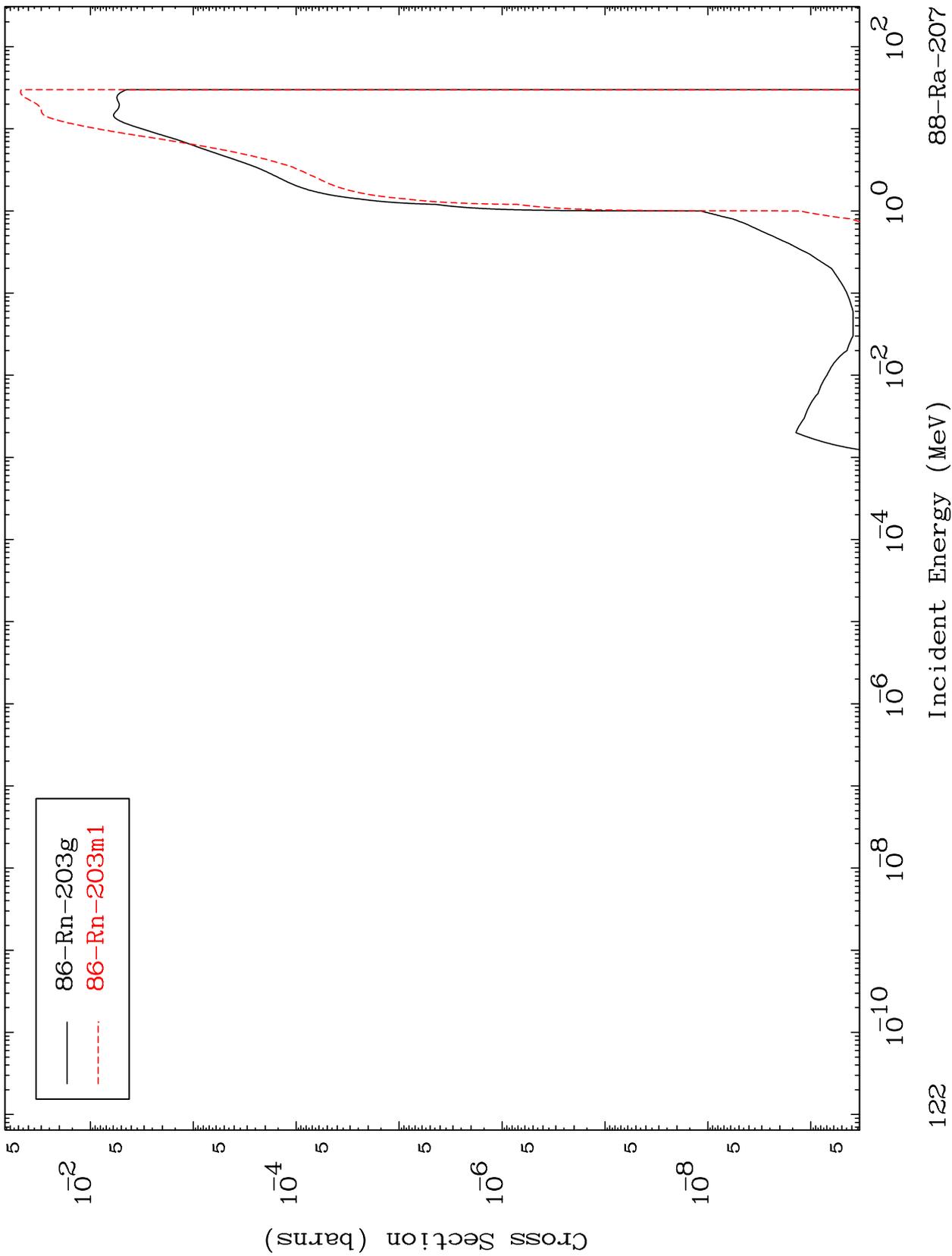
88-Ra-207

MAT 8777

$(n, n') \alpha$

88-Ra-207

Radionuclide Production Cross Section

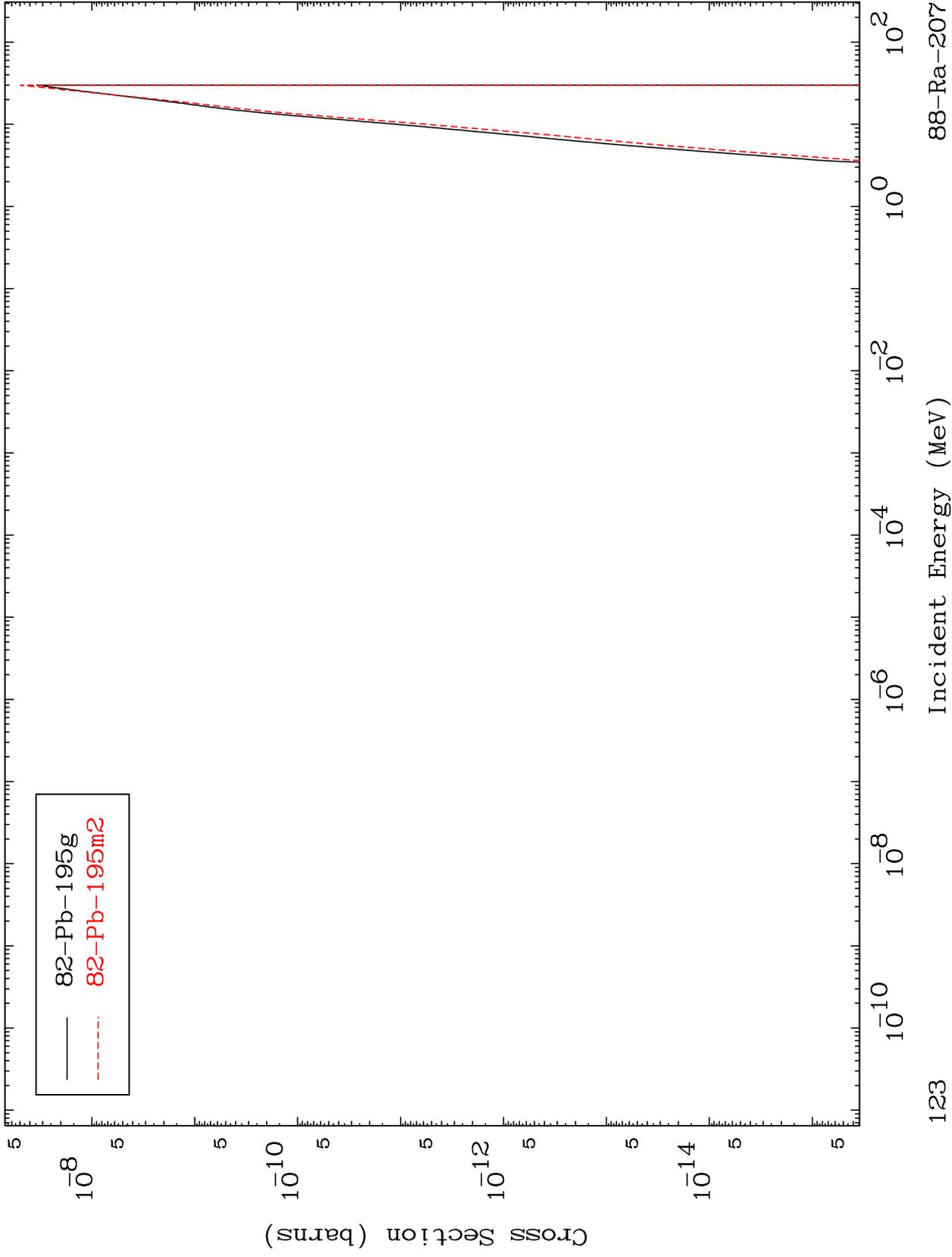


MAT 8777

(n,n') 3 α

88-Ra-207

Radionuclide Production Cross Section

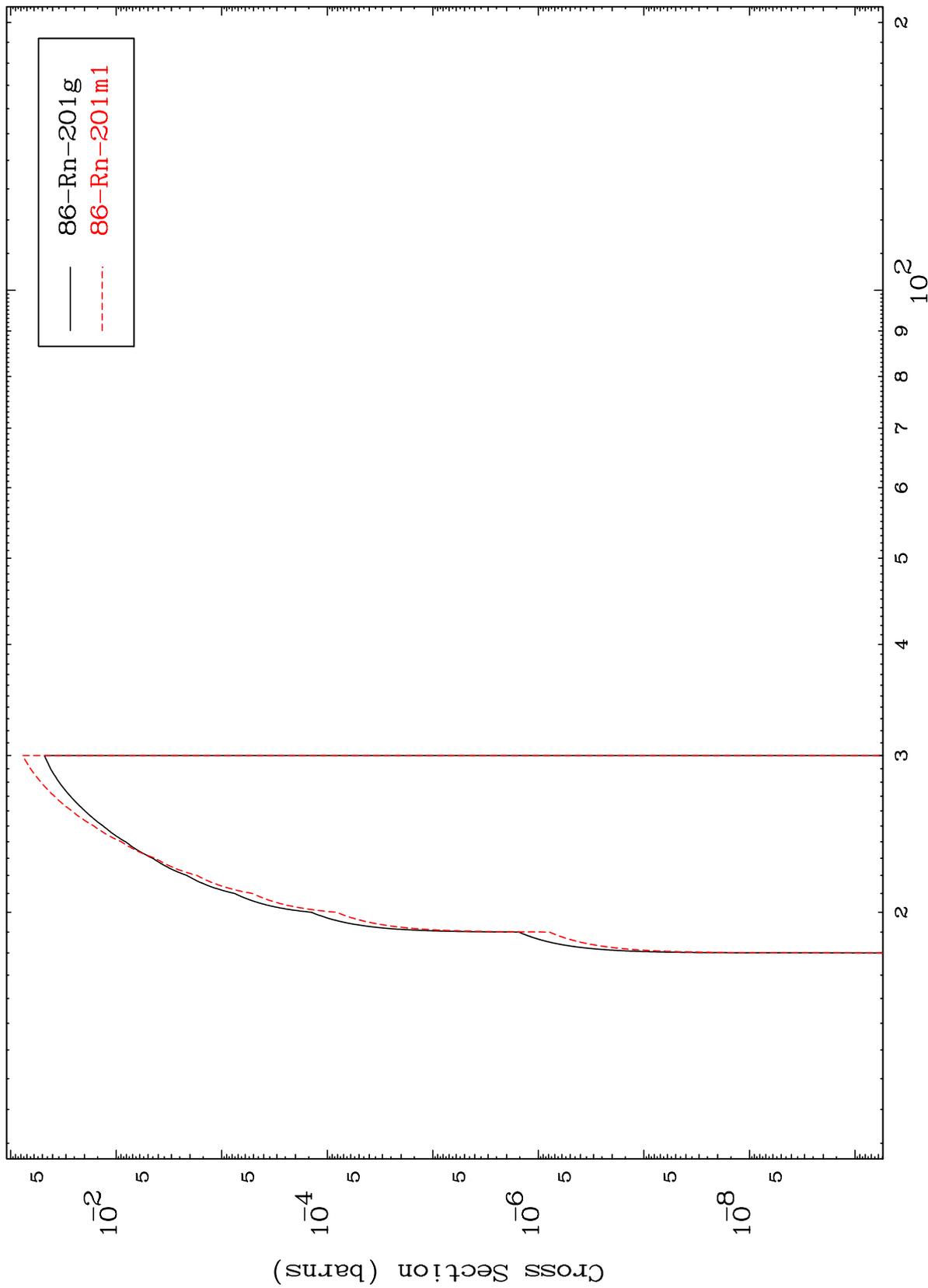


MAT 8777

(n,3n) α

88-Ra-207

Radionuclide Production Cross Section



124

Incident Energy (MeV)

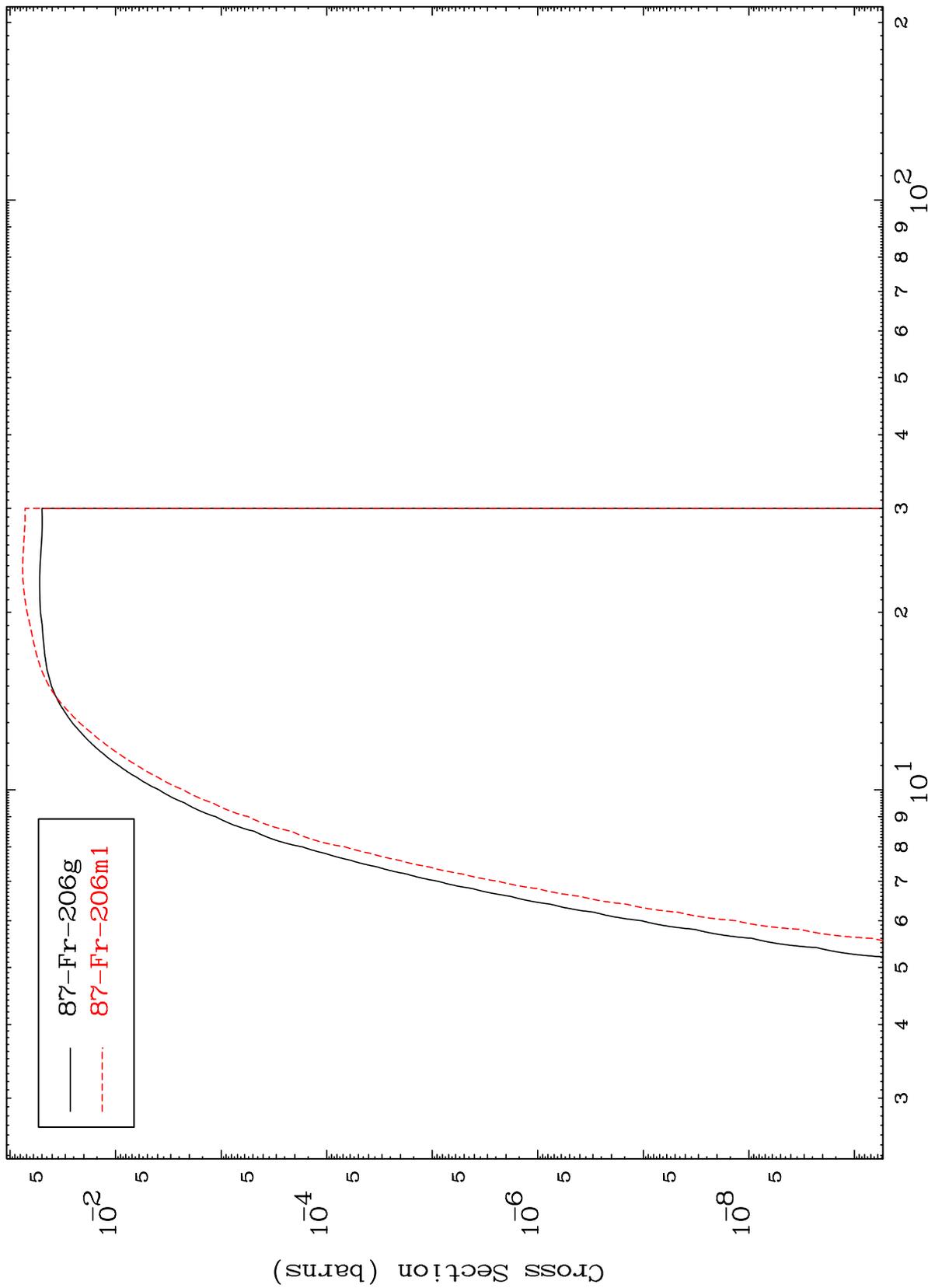
88-Ra-207

MAT 8777

(n,n') p

88-Ra-207

Radionuclide Production Cross Section



125

Incident Energy (MeV)

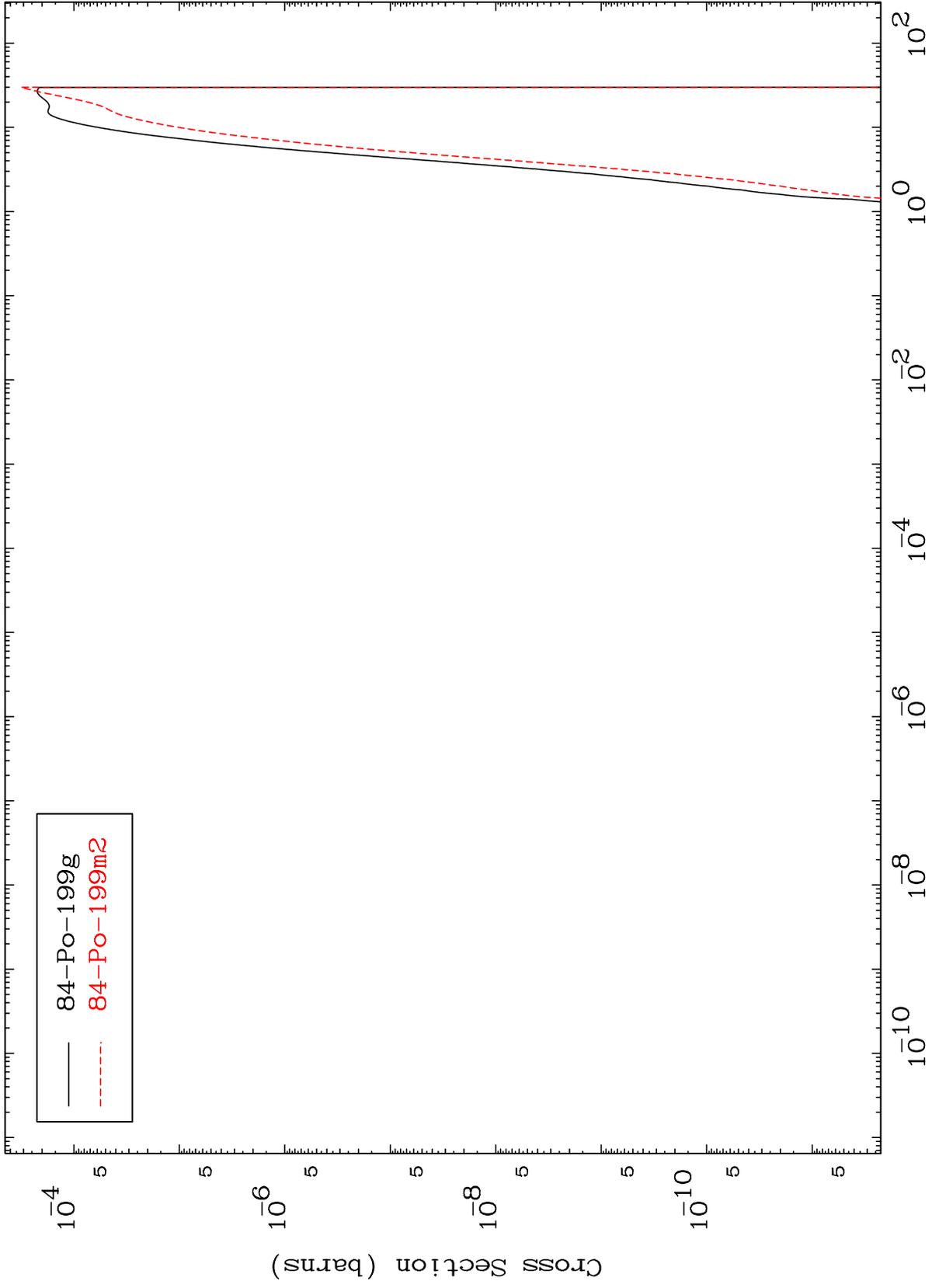
88-Ra-207

MAT 8777

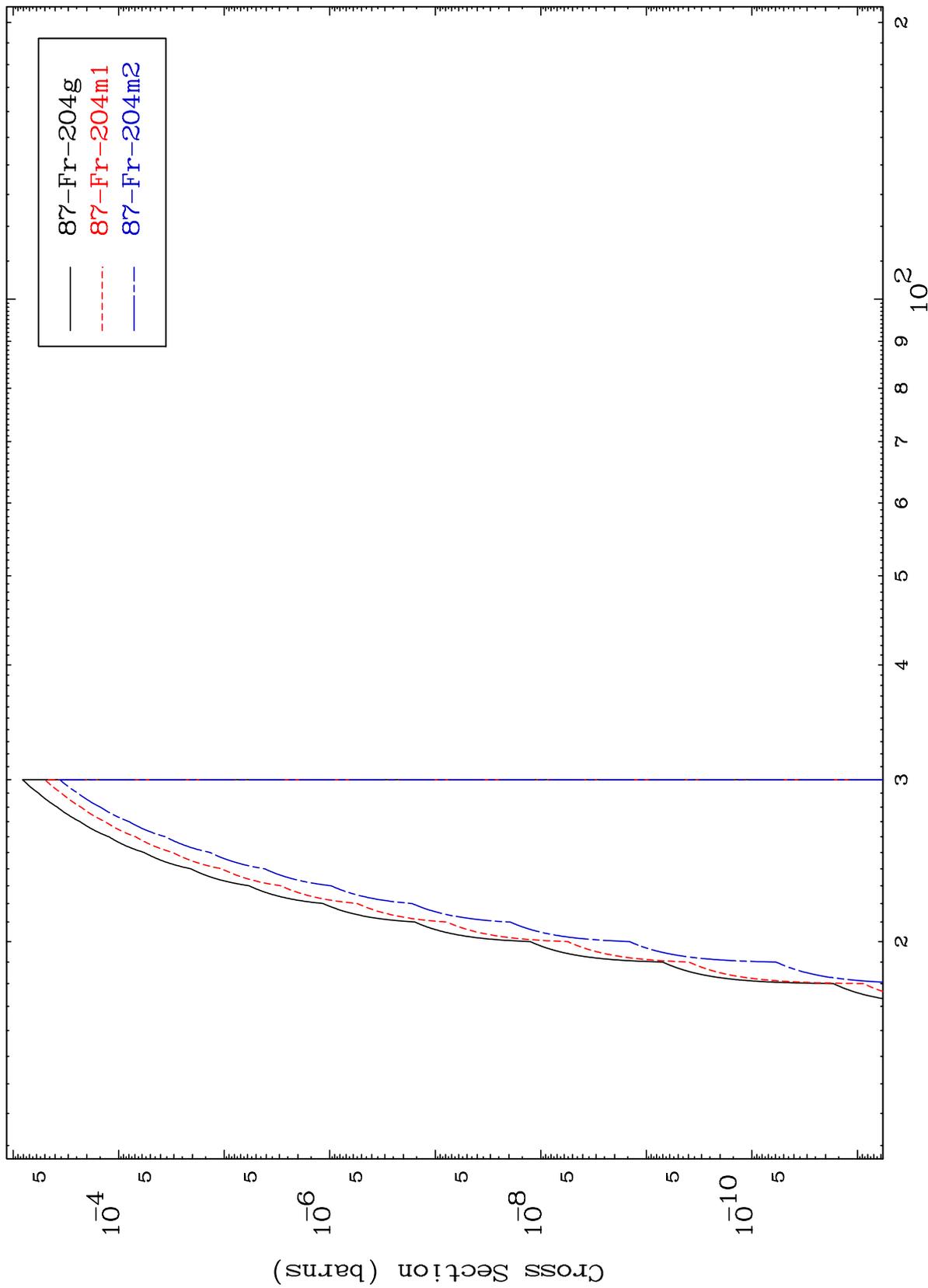
(n,n') 2α

88-Ra-207

Radionuclide Production Cross Section



Radionuclide Production Cross Section

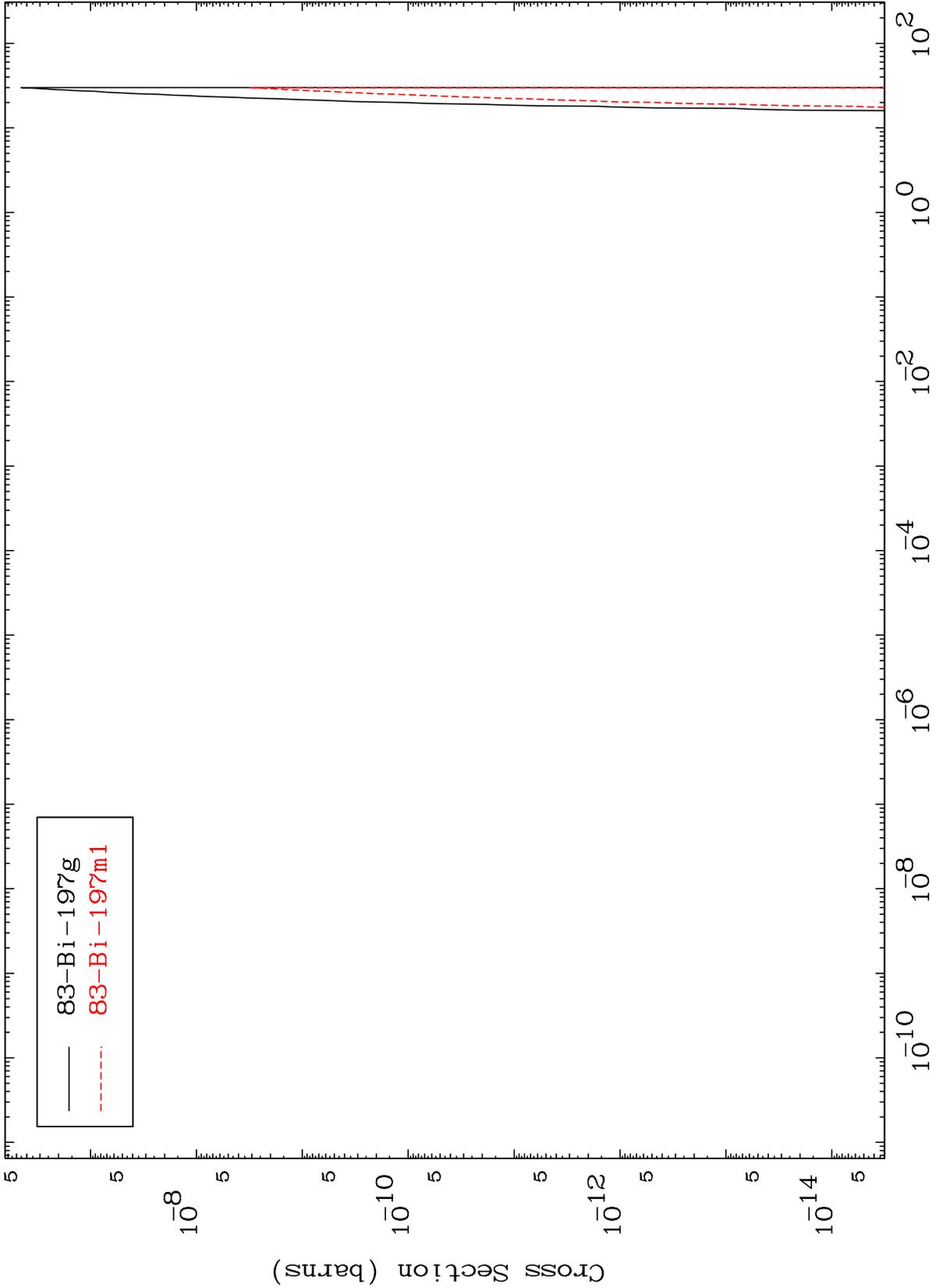


MAT 8777

(n,n') d,2 α

88-Ra-207

Radionuclide Production Cross Section



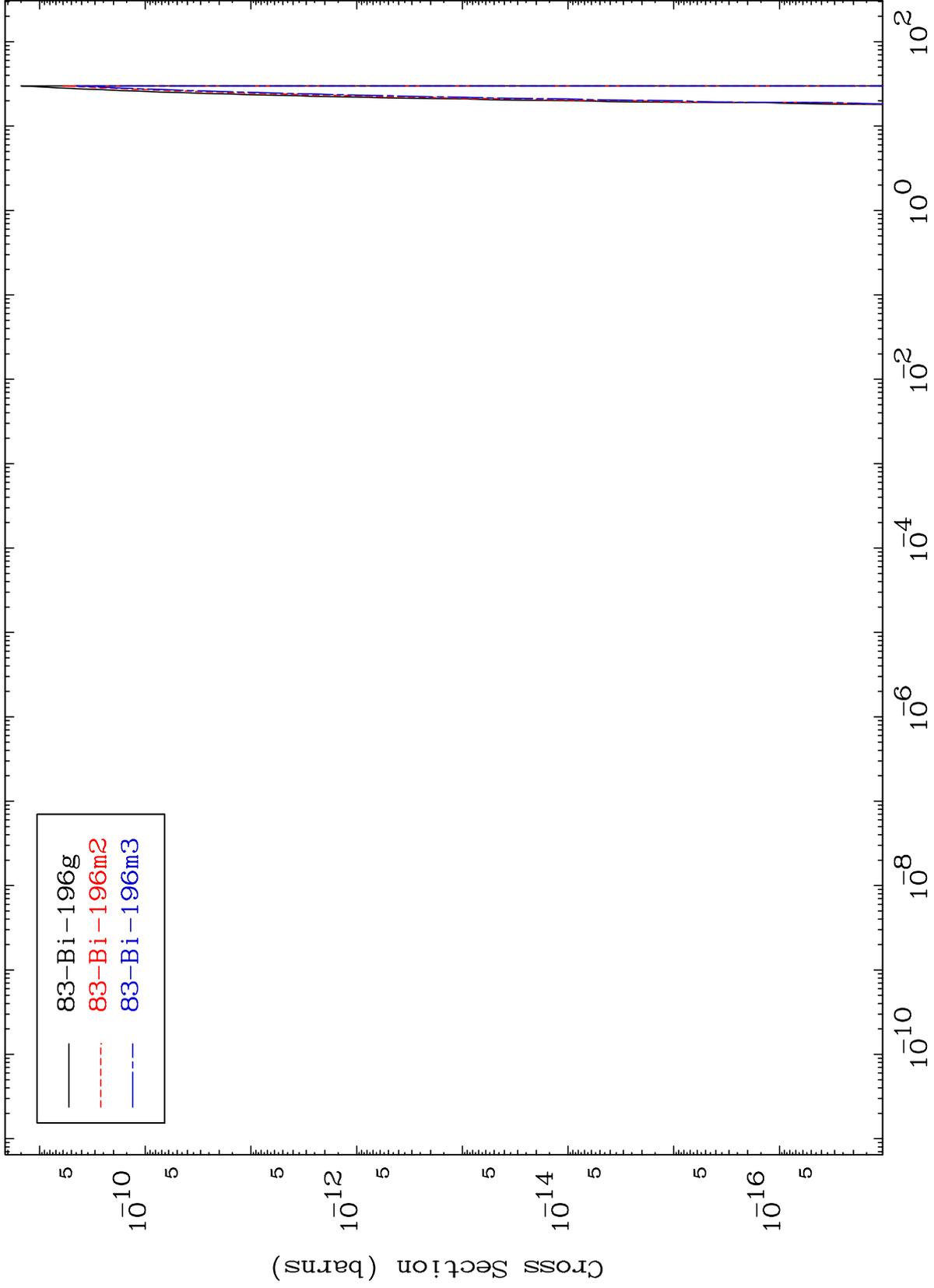
83-Bi-197g
83-Bi-197m1

MAT 8777

(n,n') t,2 α

88-Ra-207

Radionuclide Production Cross Section



129

Incident Energy (MeV)

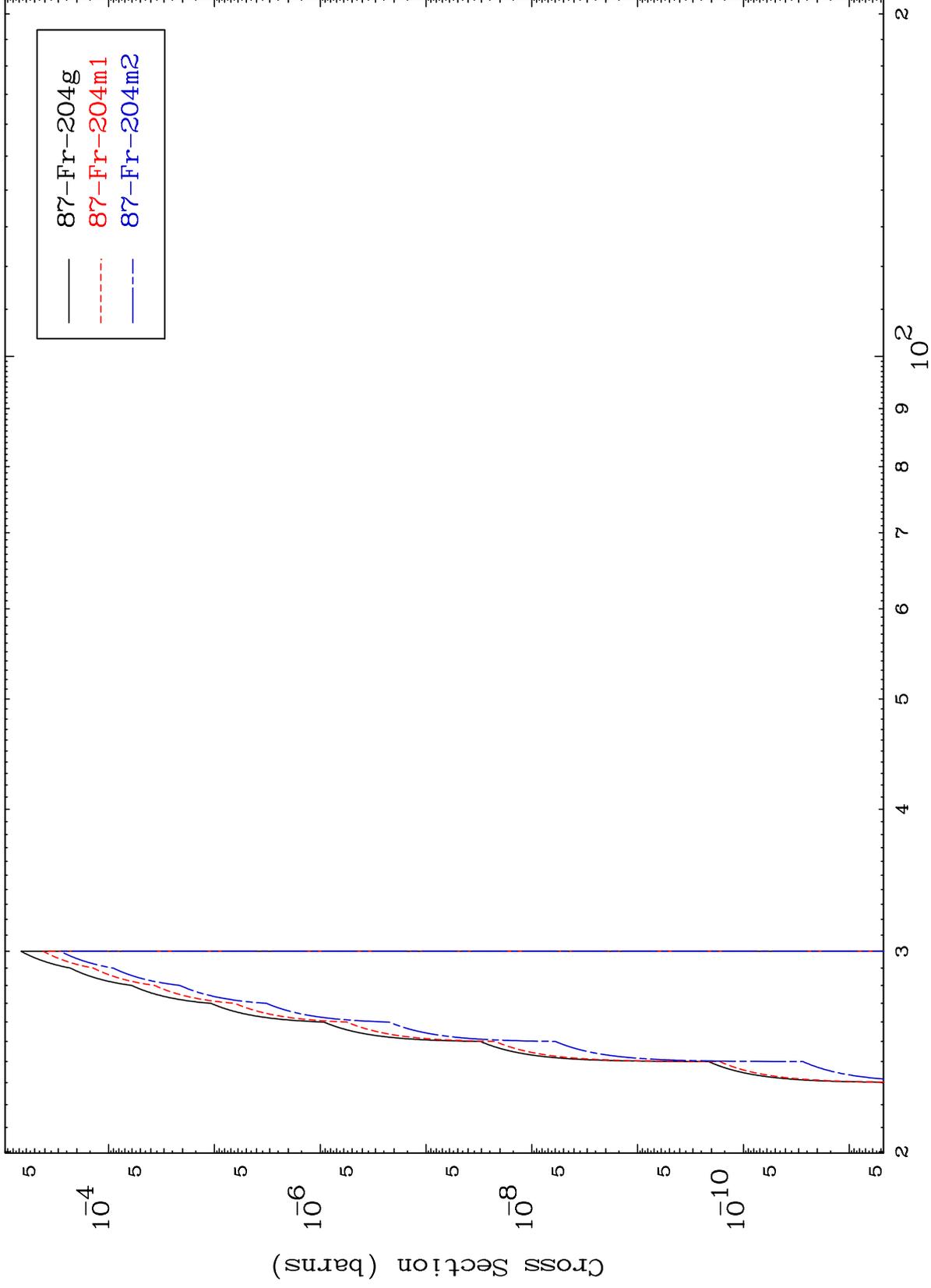
88-Ra-207

MAT 87777

(n,3n) p

88-Ra-207

Radionuclide Production Cross Section



130

Incident Energy (MeV)

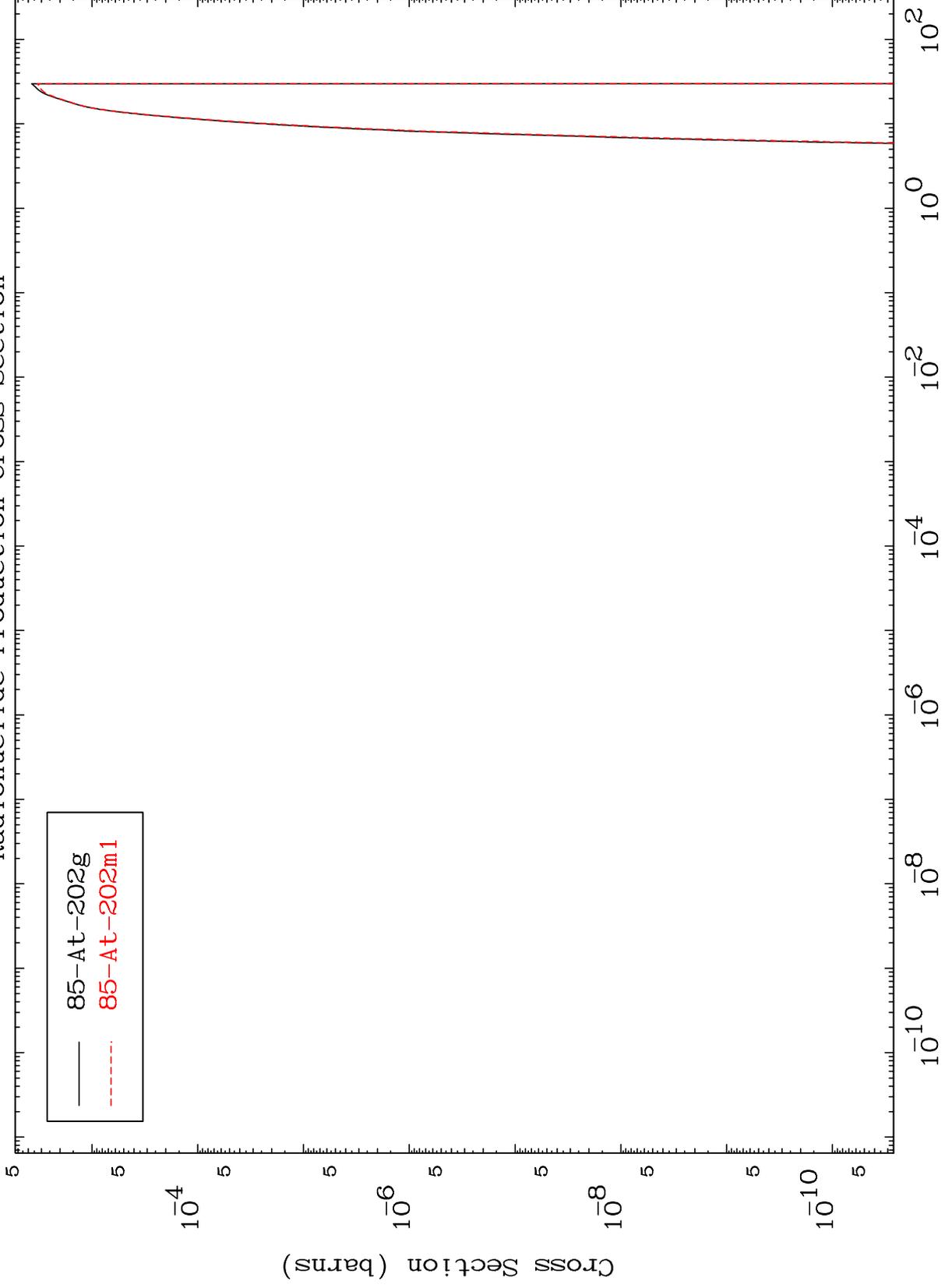
88-Ra-207

MAT 8777

(n,n') p α

88-Ra-207

Radionuclide Production Cross Section



85-At-202g
85-At-202m1

131

Incident Energy (MeV)

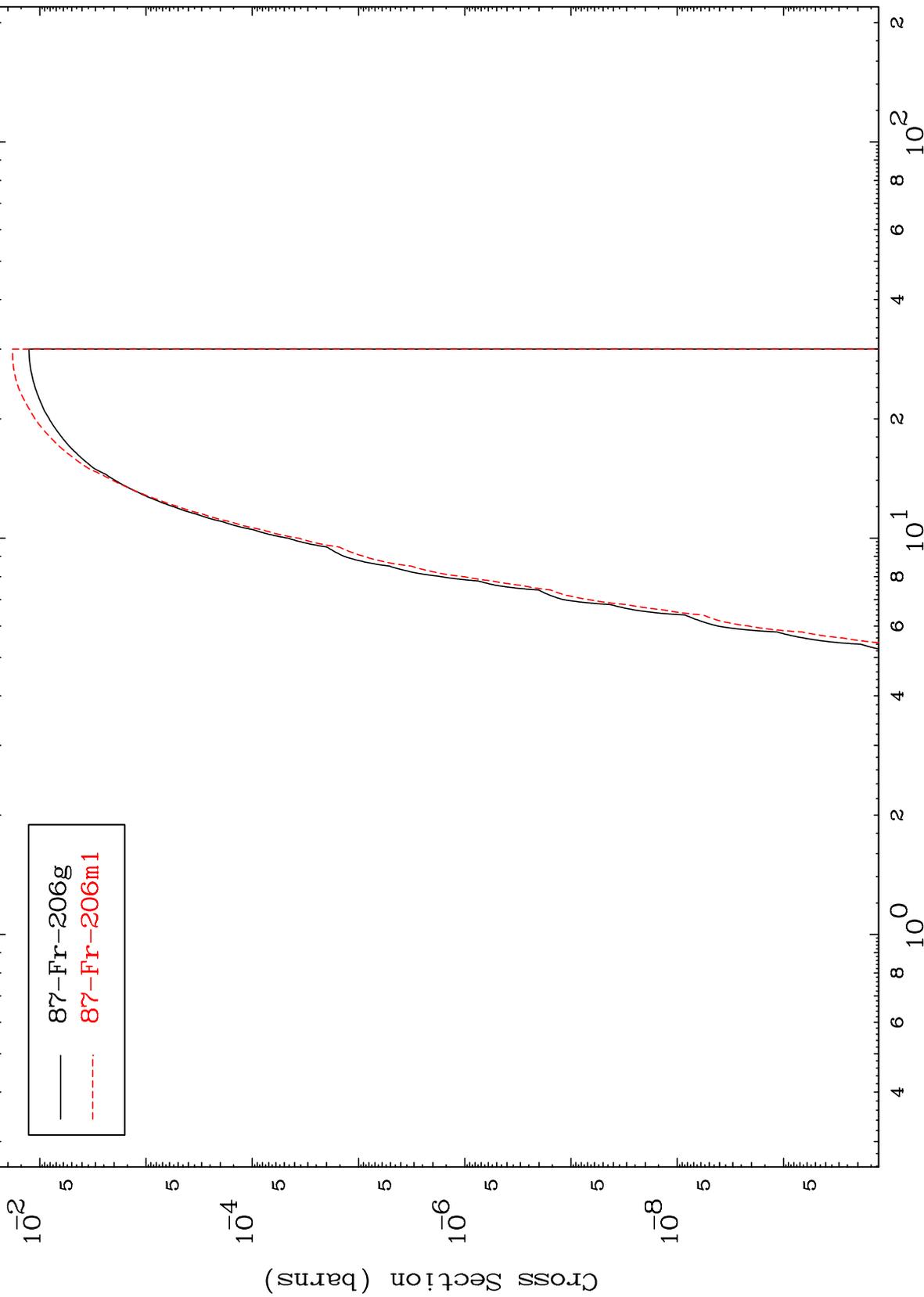
88-Ra-207

MAT 87777

(n,d)

88-Ra-207

Radionuclide Production Cross Section



— 87-Fr-206g
- - - 87-Fr-206m1

Incident Energy (MeV)

88-Ra-207

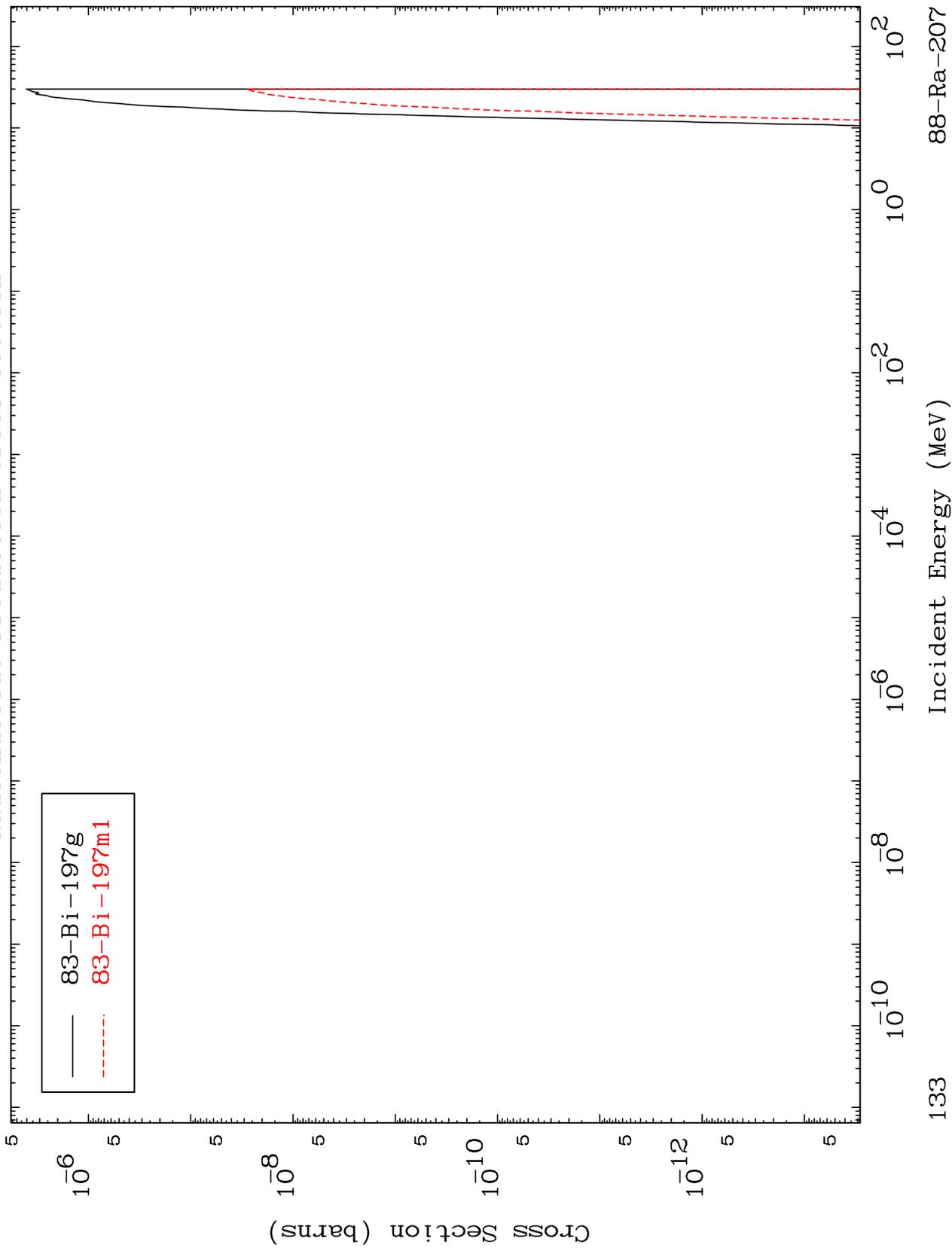
132

MAT 8777

(n,t) 2 α

88-Ra-207

Radionuclide Production Cross Section

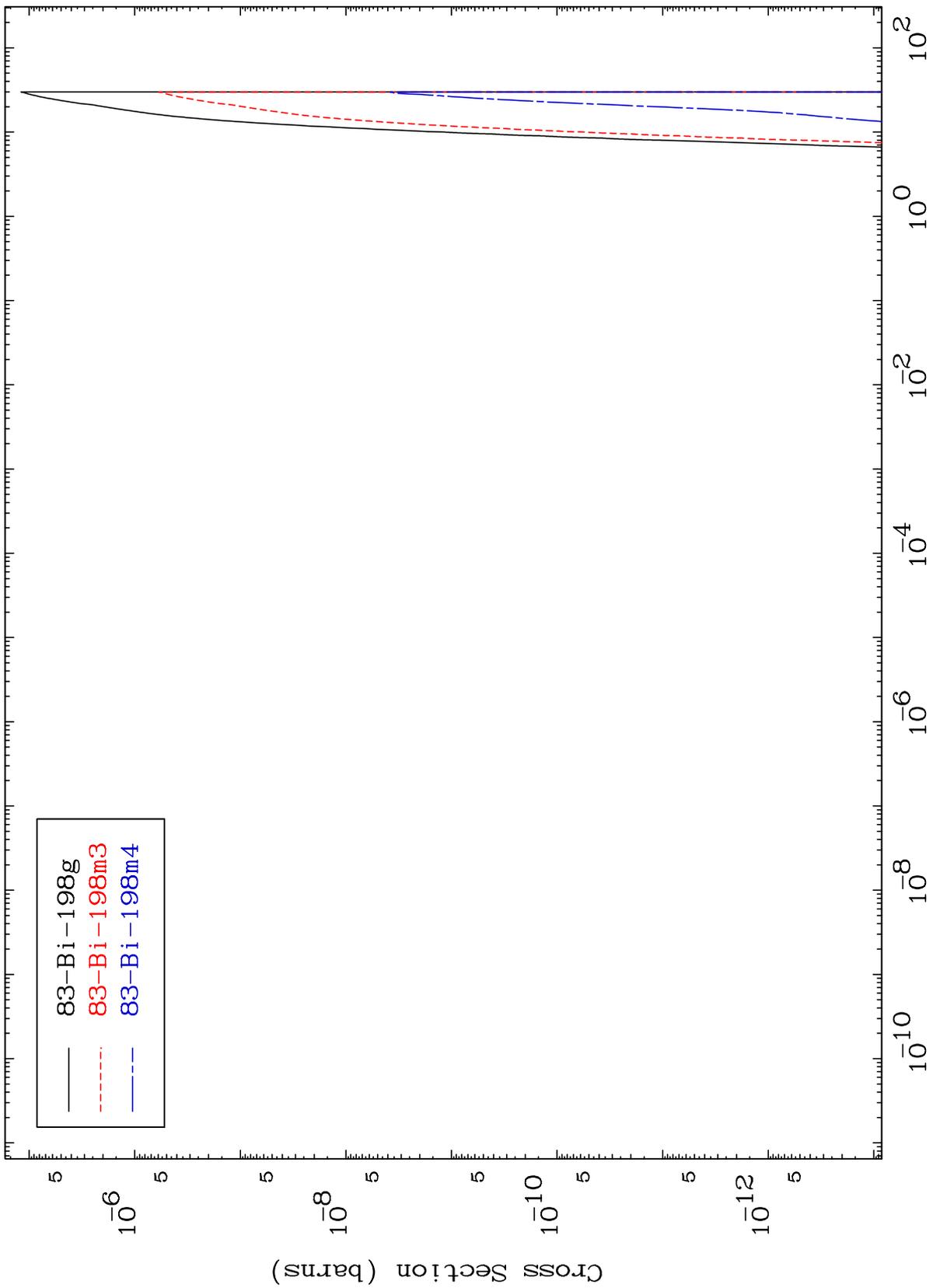


MAT 8777

(n,d) 2α

88-Ra-207

Radionuclide Production Cross Section



134

Incident Energy (MeV)

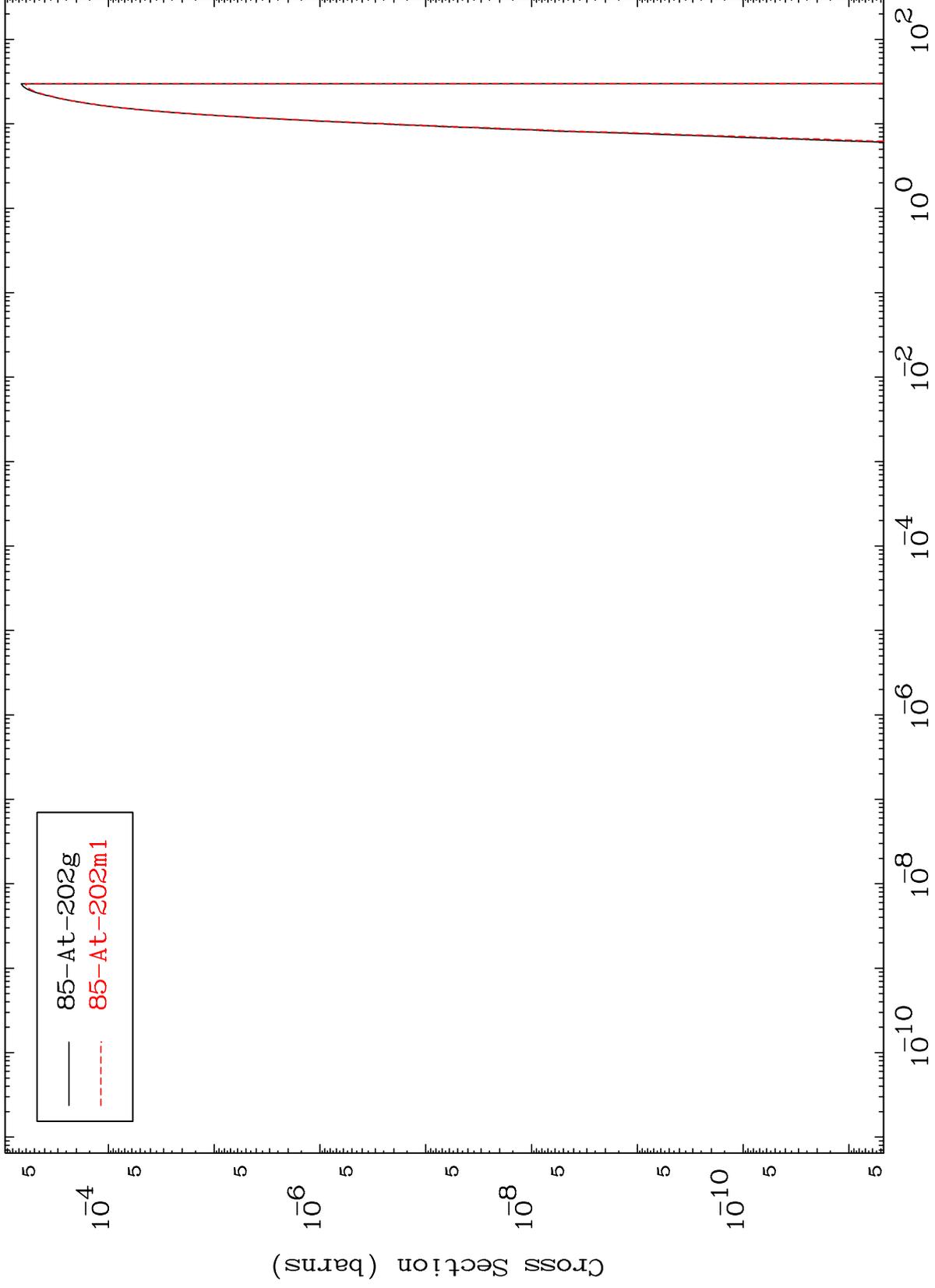
88-Ra-207

MAT 8777

(n,d) α

88-Ra-207

Radionuclide Production Cross Section



85-At-202g
85-At-202m1

135

Incident Energy (MeV)

88-Ra-207