

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

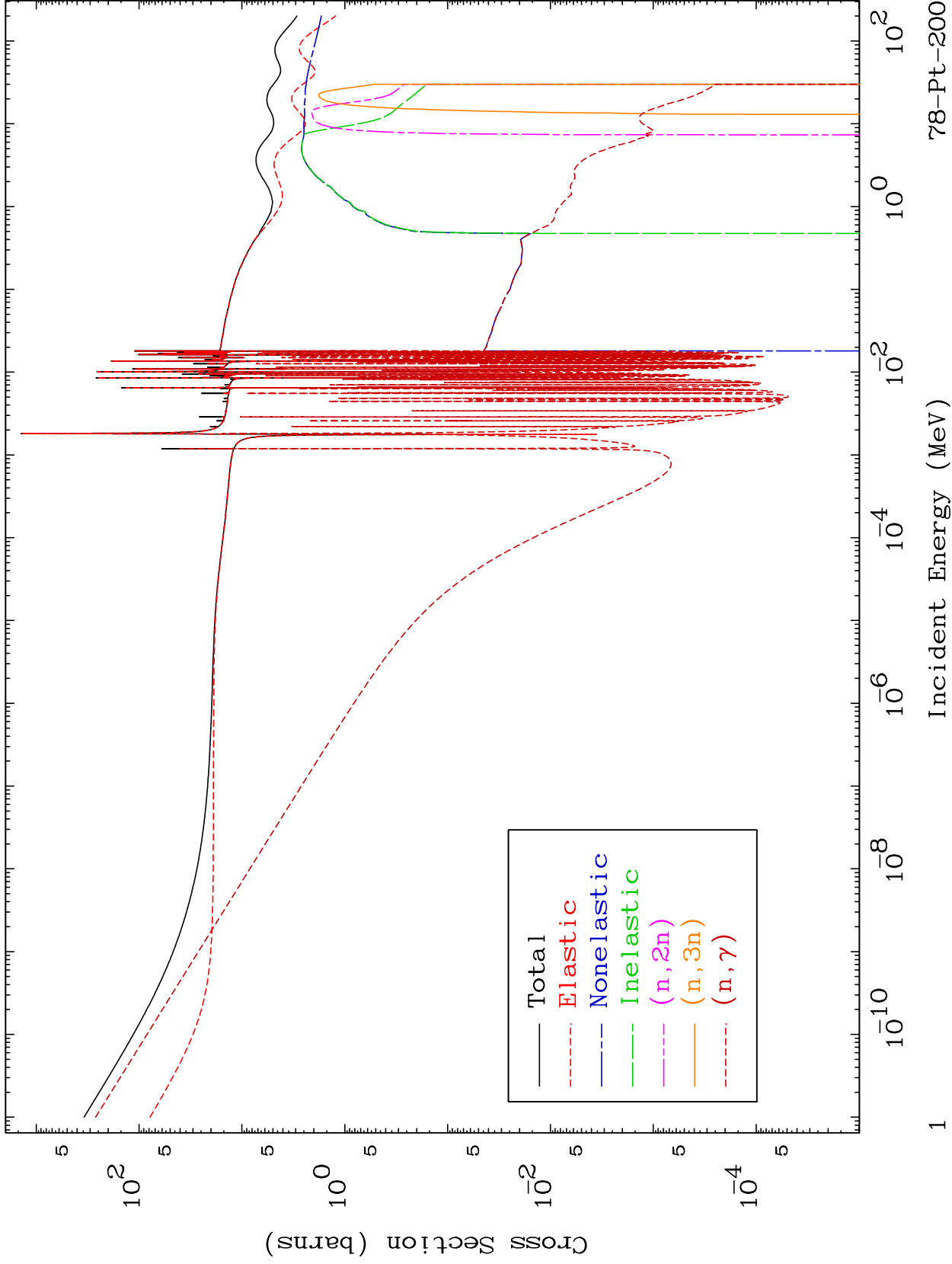
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7855

Neutron Major
293 Kelvin Cross Sections

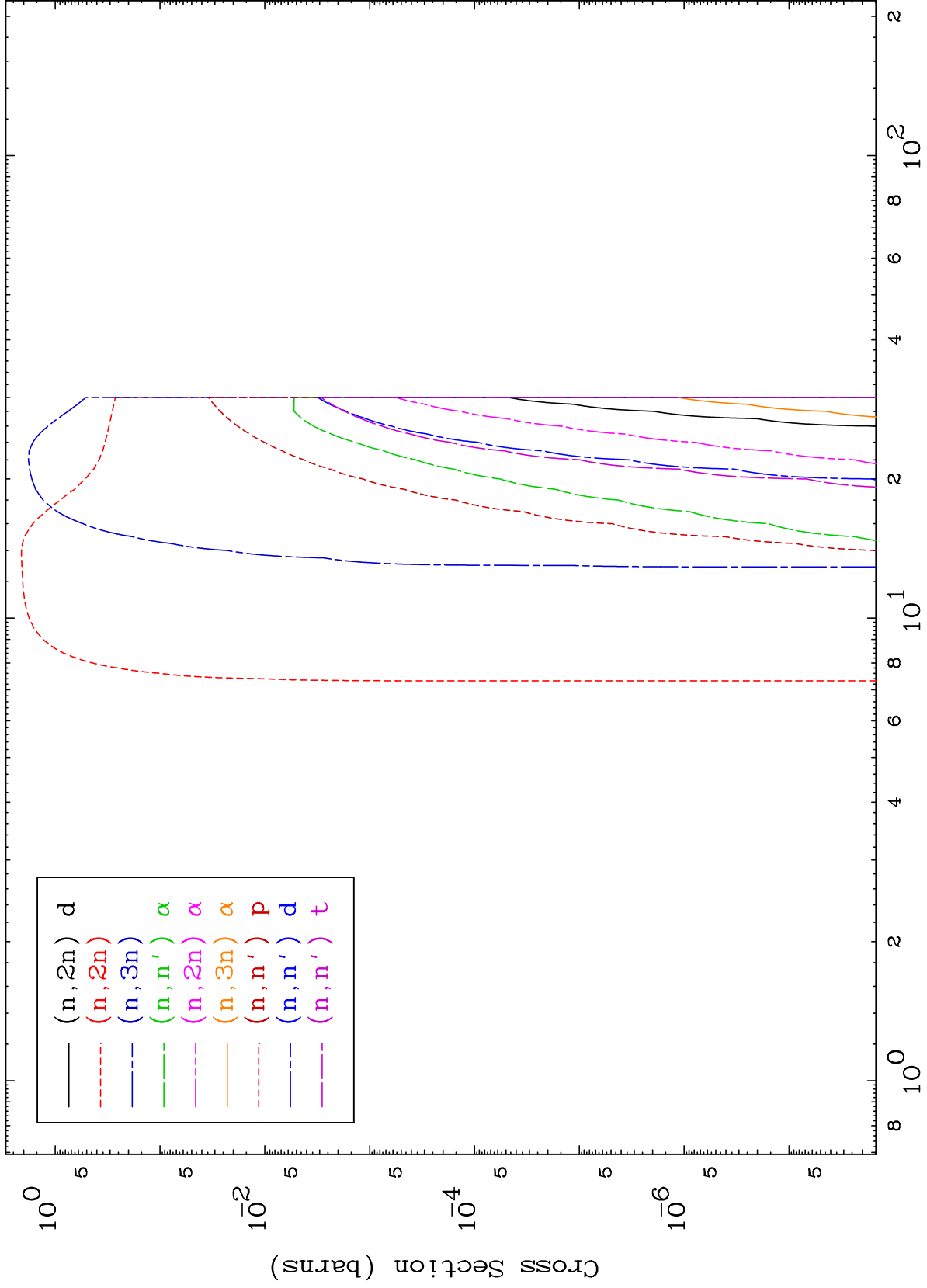
78-Pt-200



MAT 7855

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-200



78-Pt-200

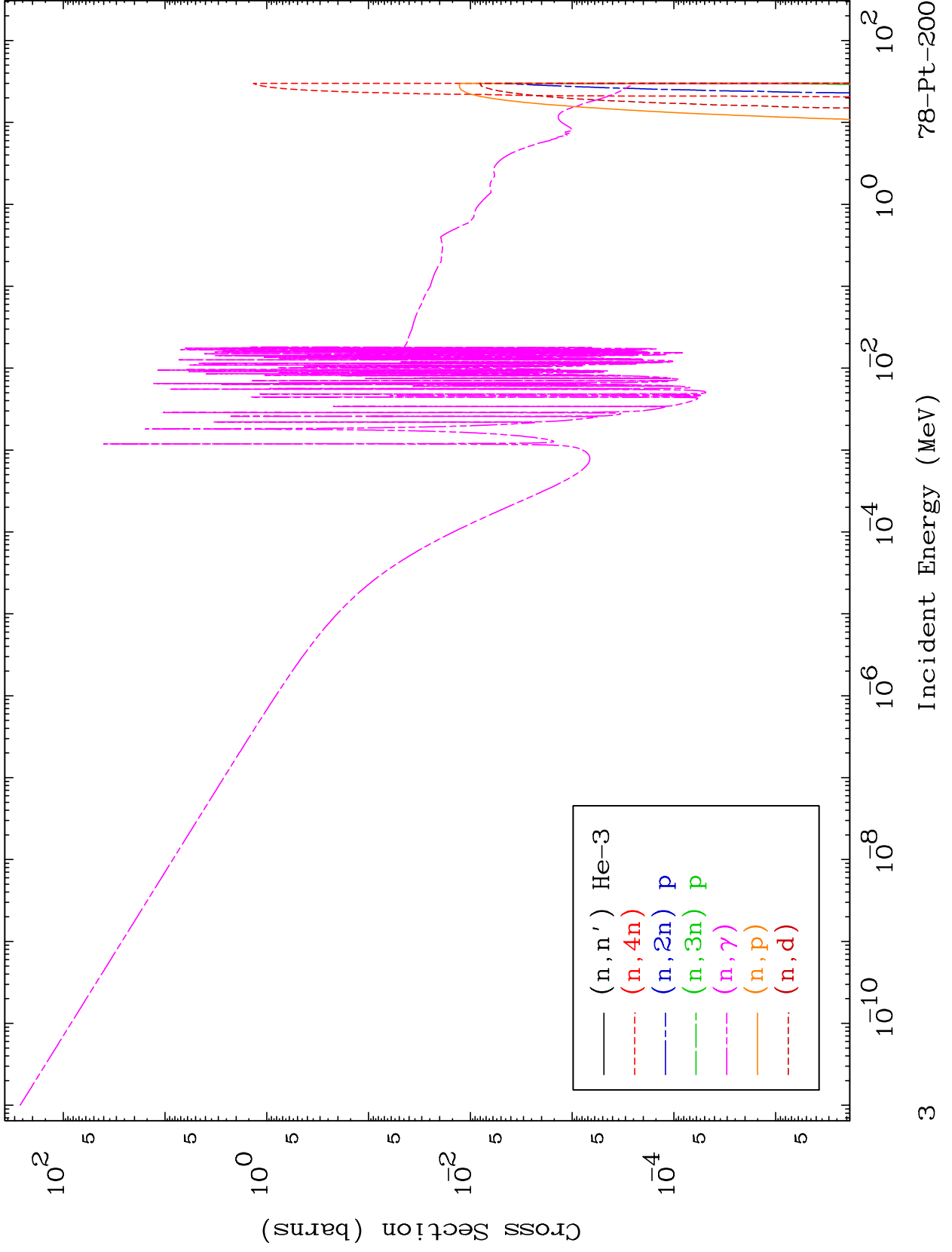
Incident Energy (MeV)

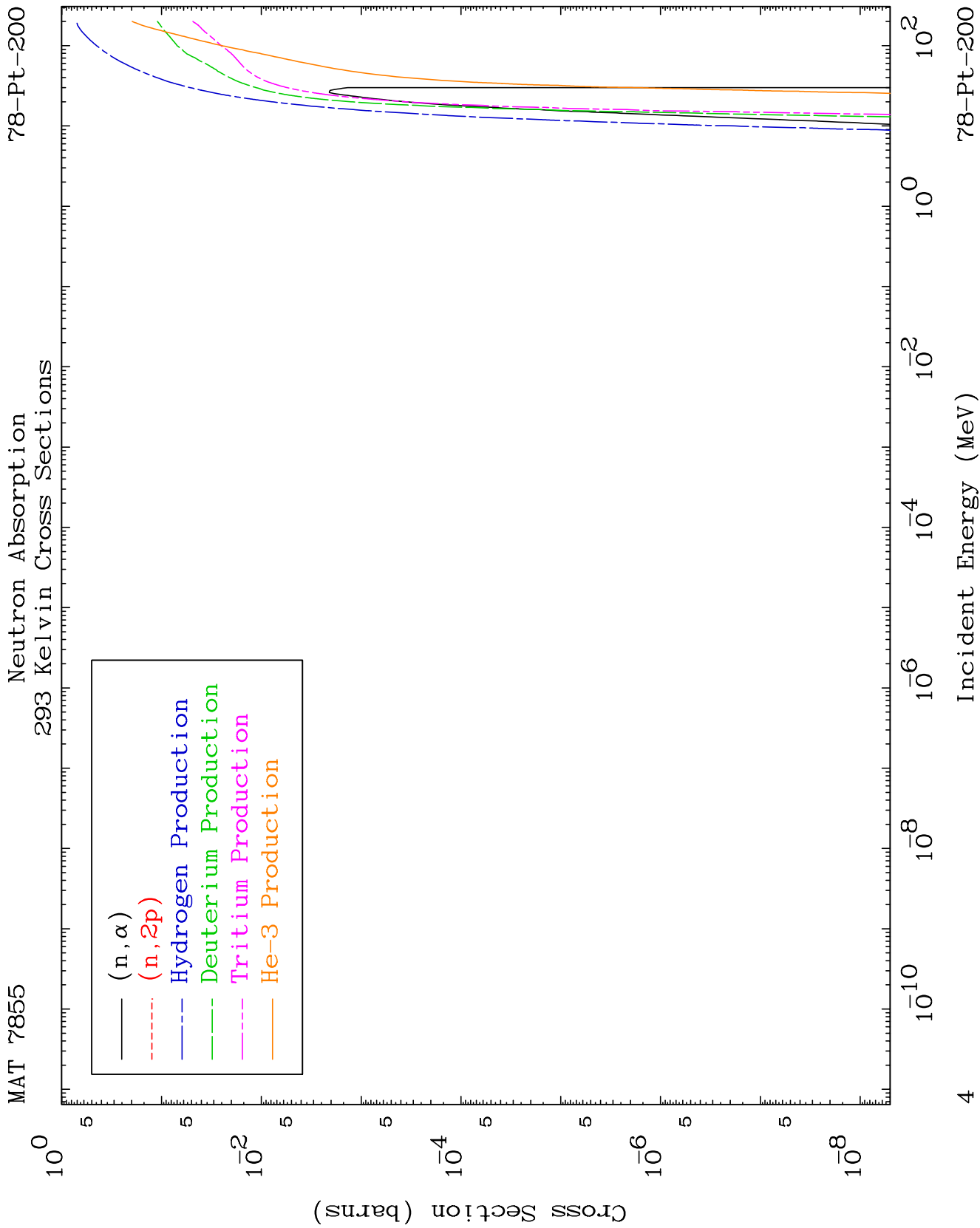
2

MAT 7855

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-200

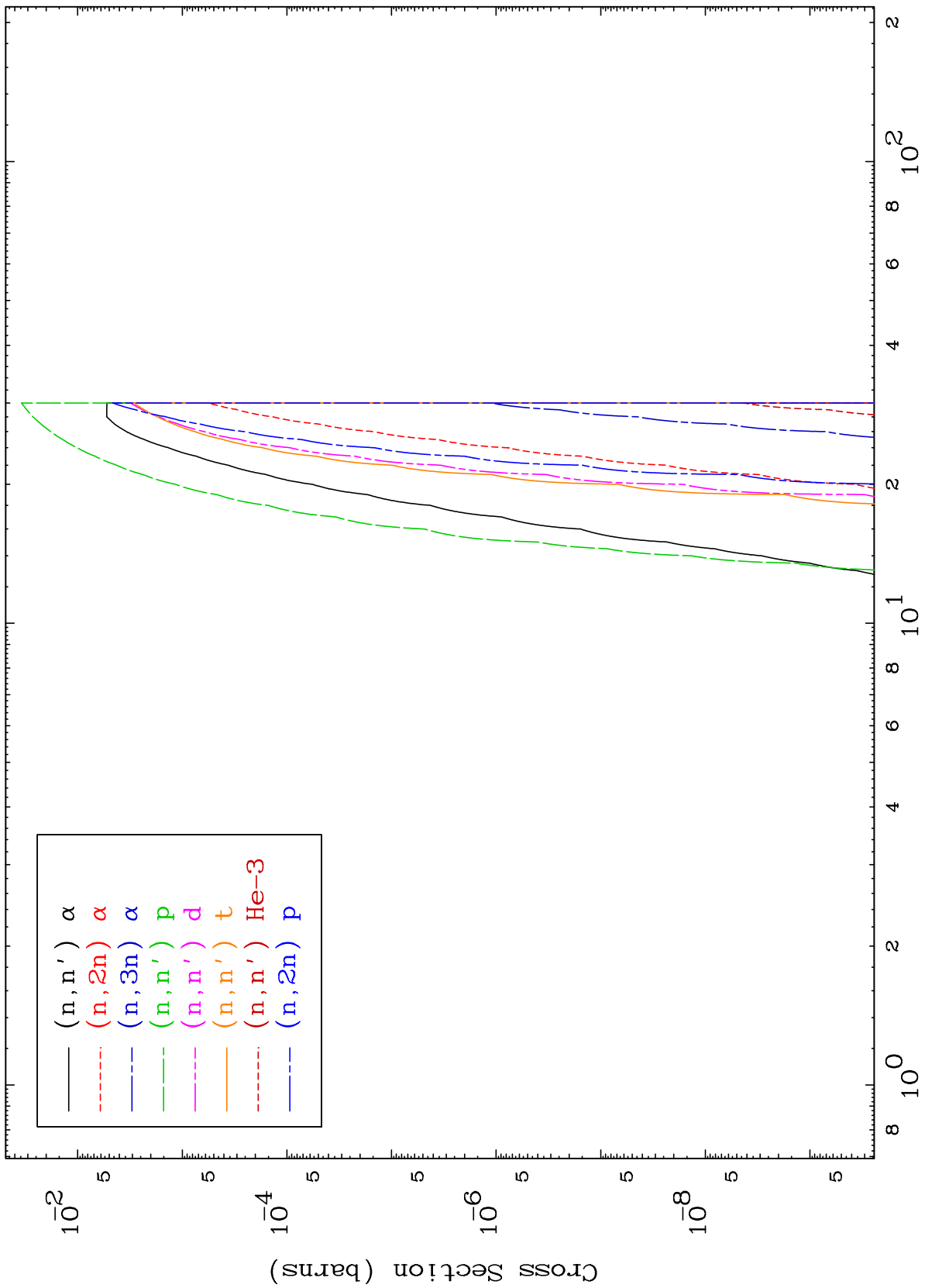




MAT 7855

Charged Particle
293 Kelvin Cross Sections

78-Pt-200



5

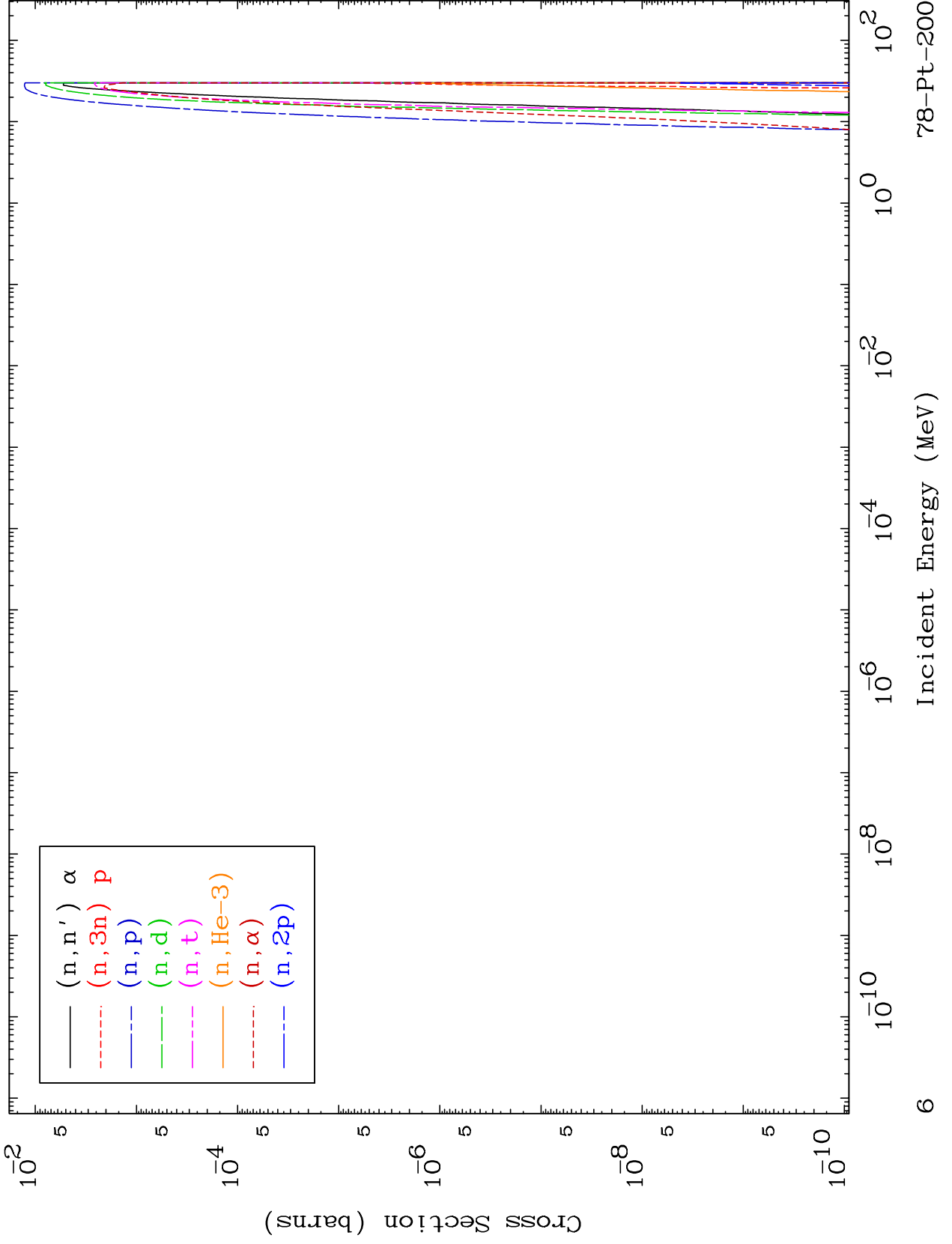
Incident Energy (MeV)

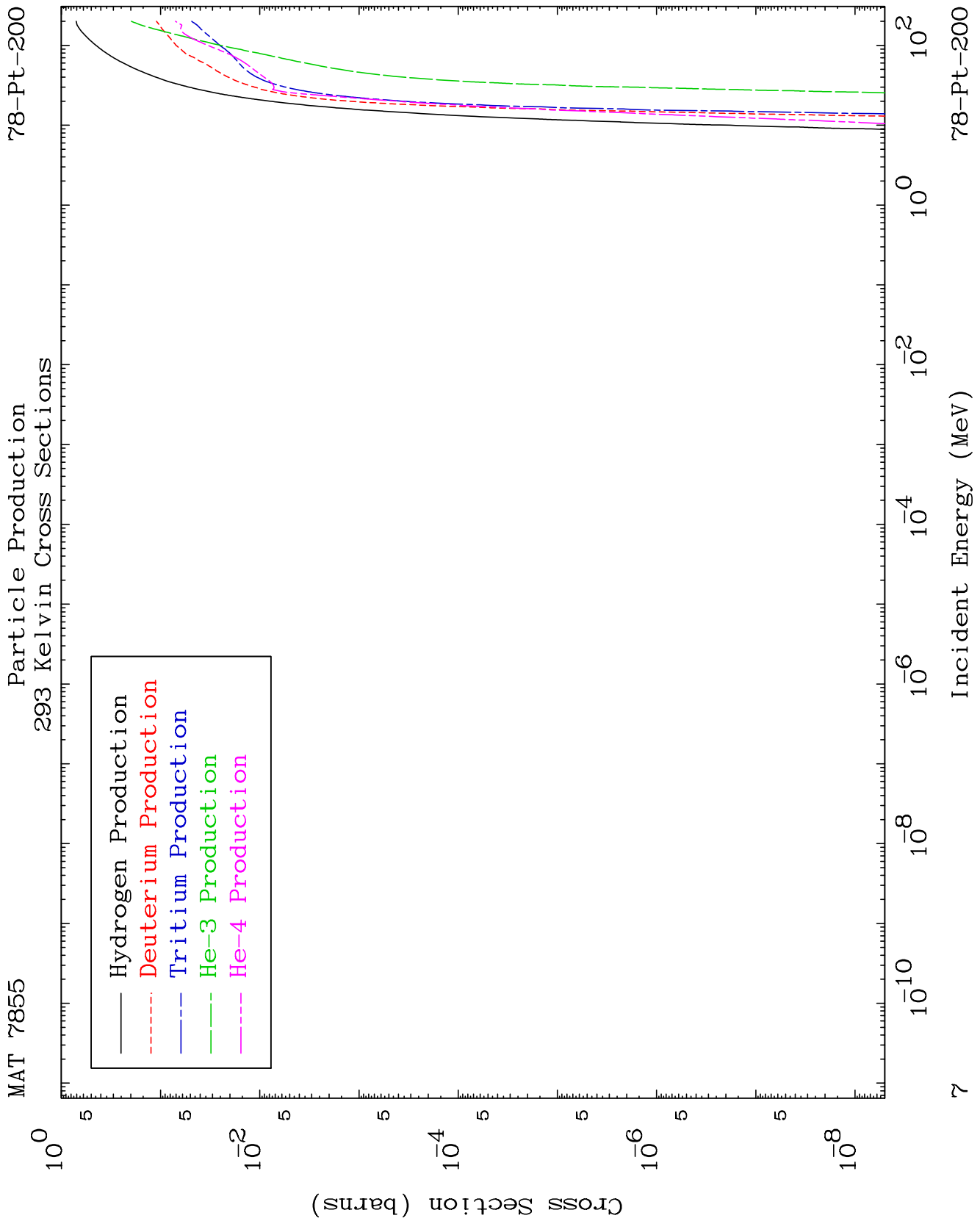
78-Pt-200

MAT 7855

Charged Particle
293 Kelvin Cross Sections

78-Pt-200



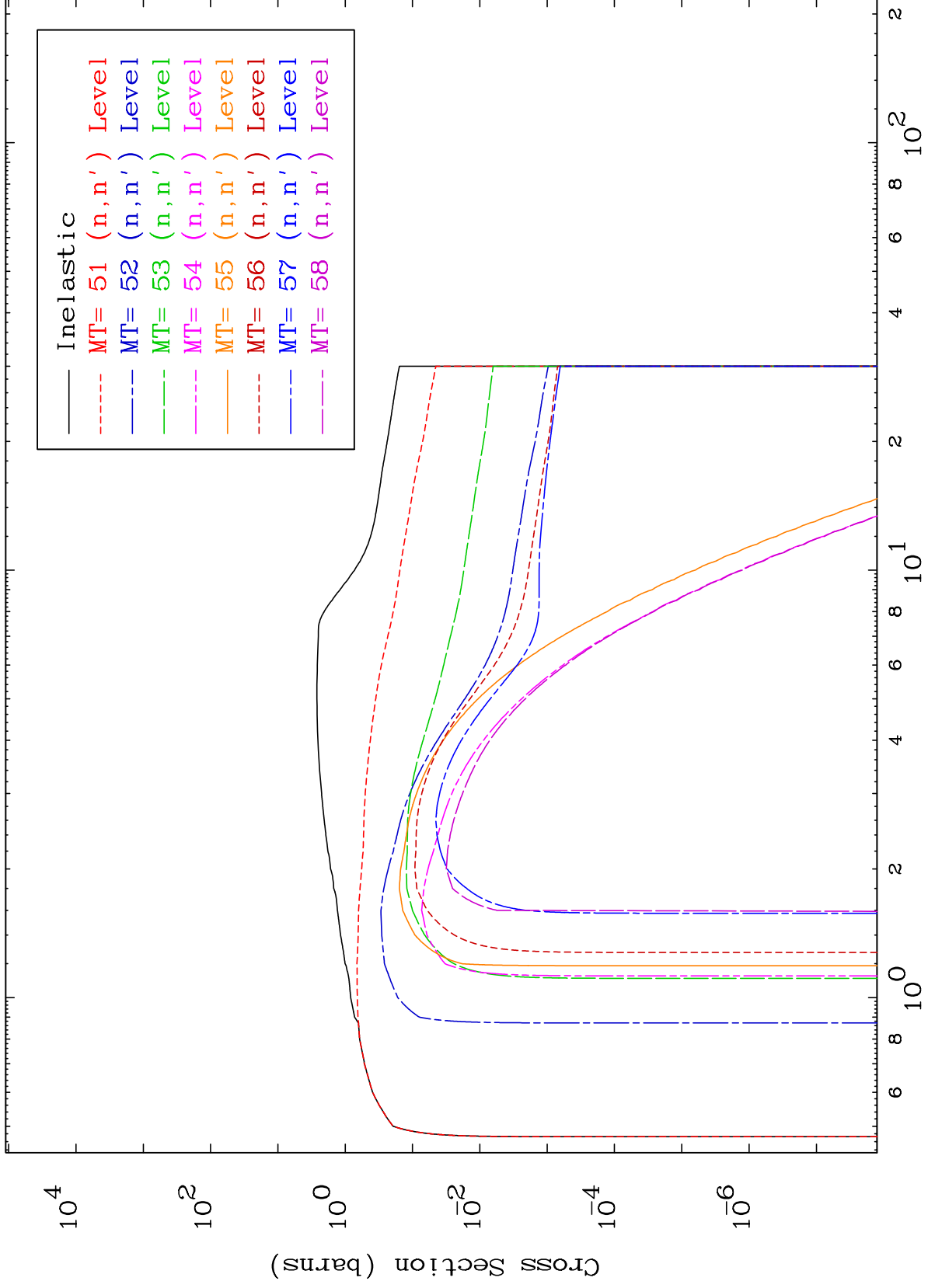


MAT 7855

(n,n') Levels

78-Pt-200

293 Kelvin Cross Sections



8

Incident Energy (MeV)

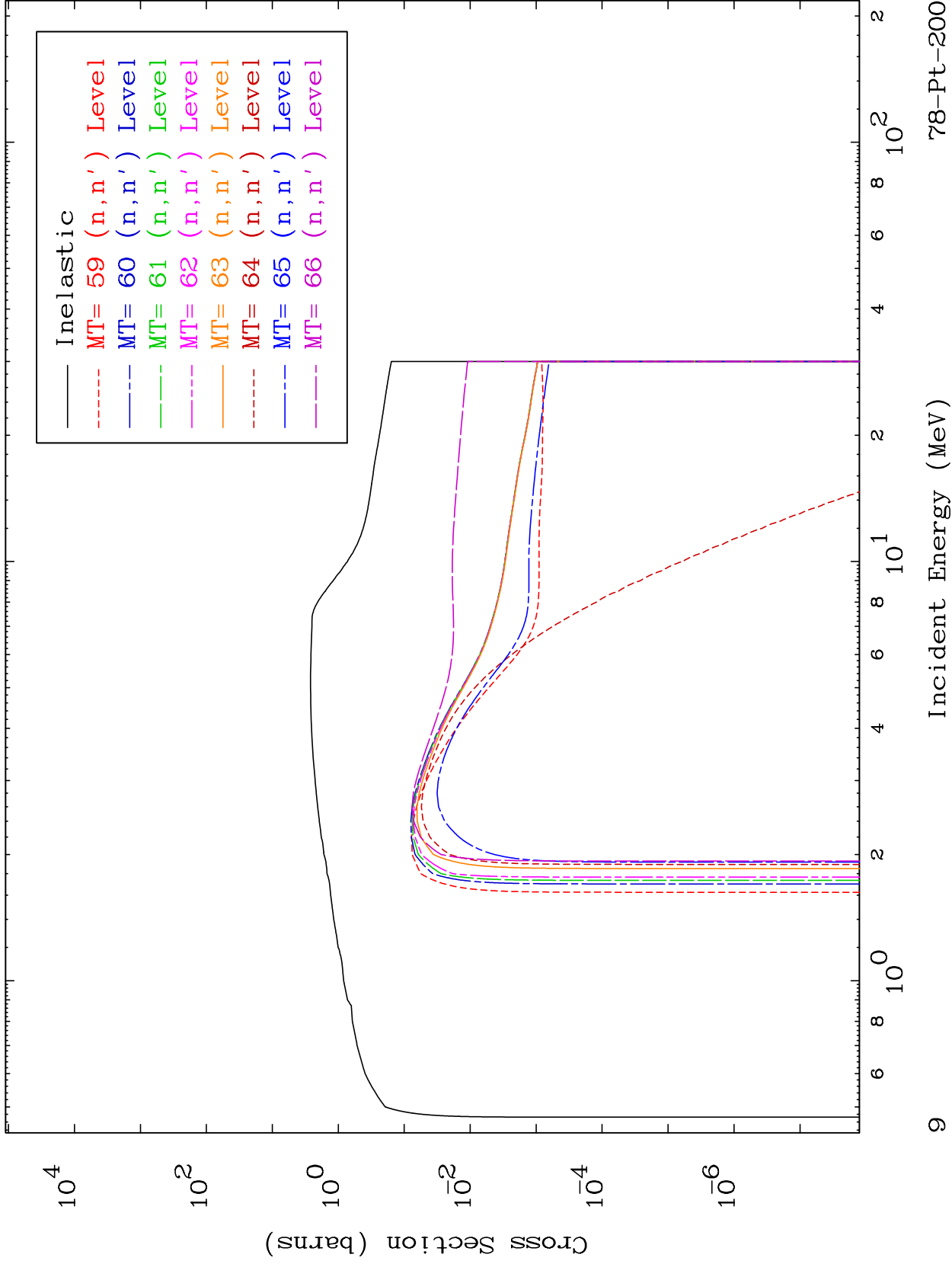
78-Pt-200

MAT 7855

(n,n') Levels

78-Pt-200

293 Kelvin Cross Sections

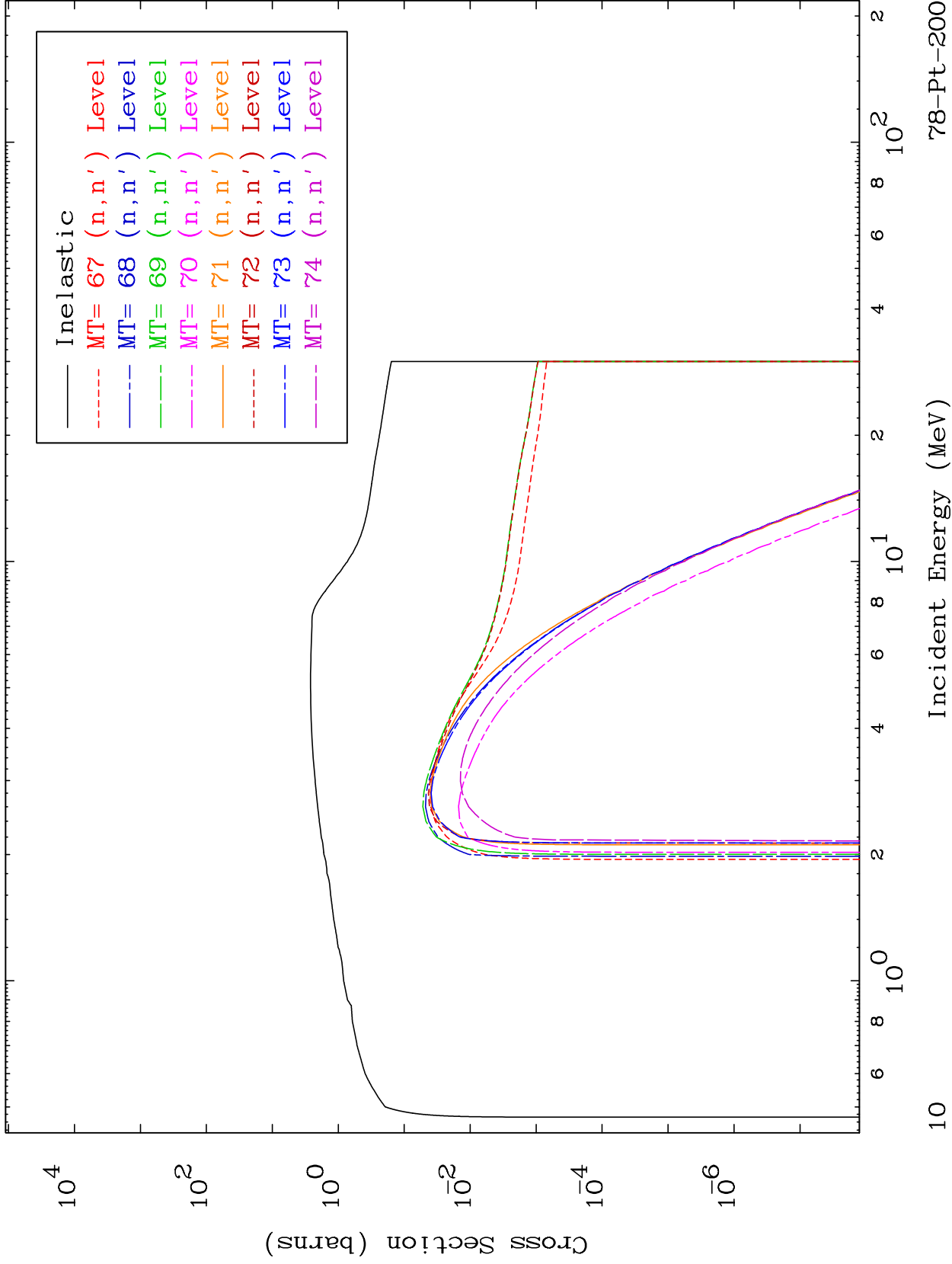


MAT 7855

(n,n') Levels

78-Pt-200

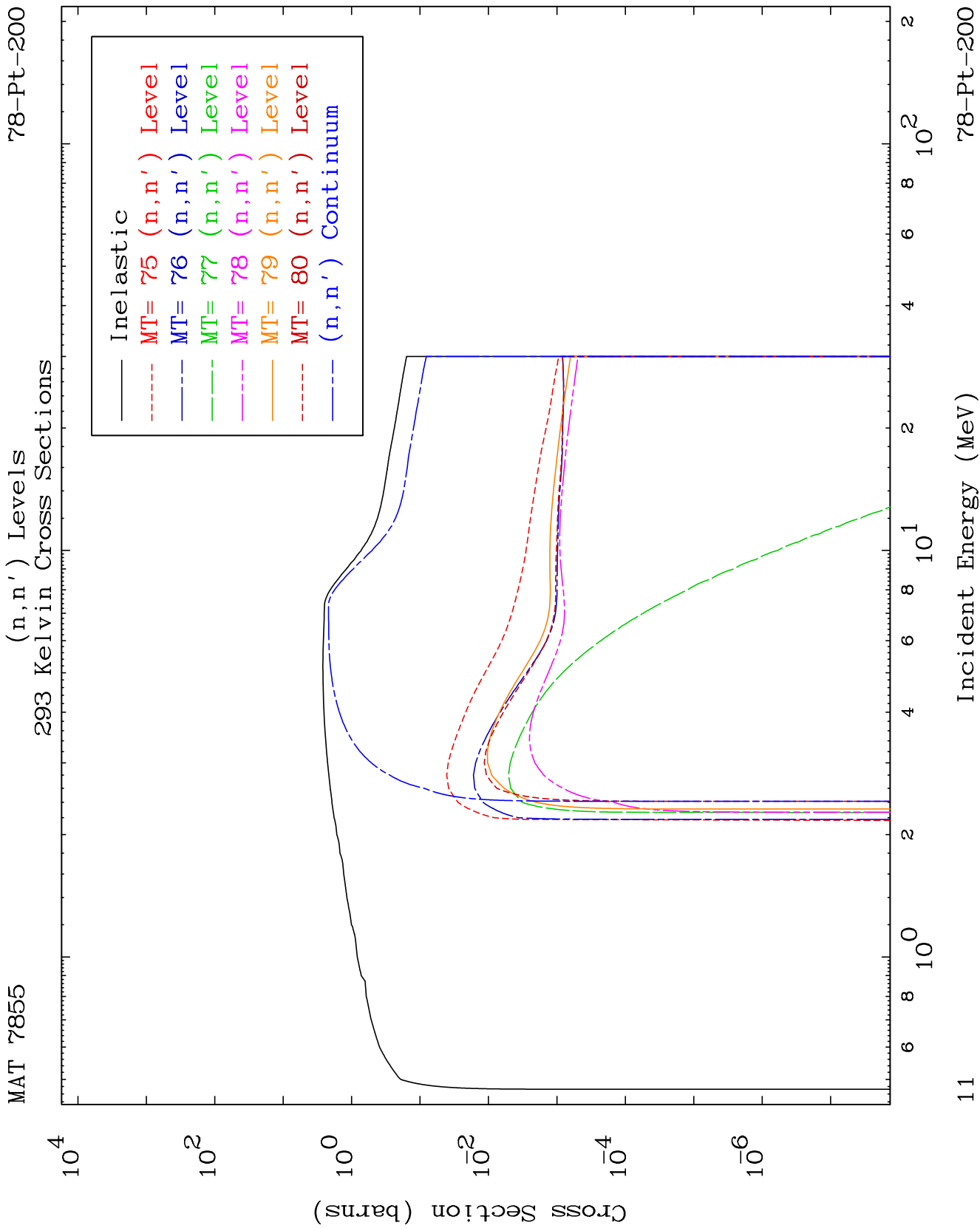
293 Kelvin Cross Sections



10

Incident Energy (MeV)

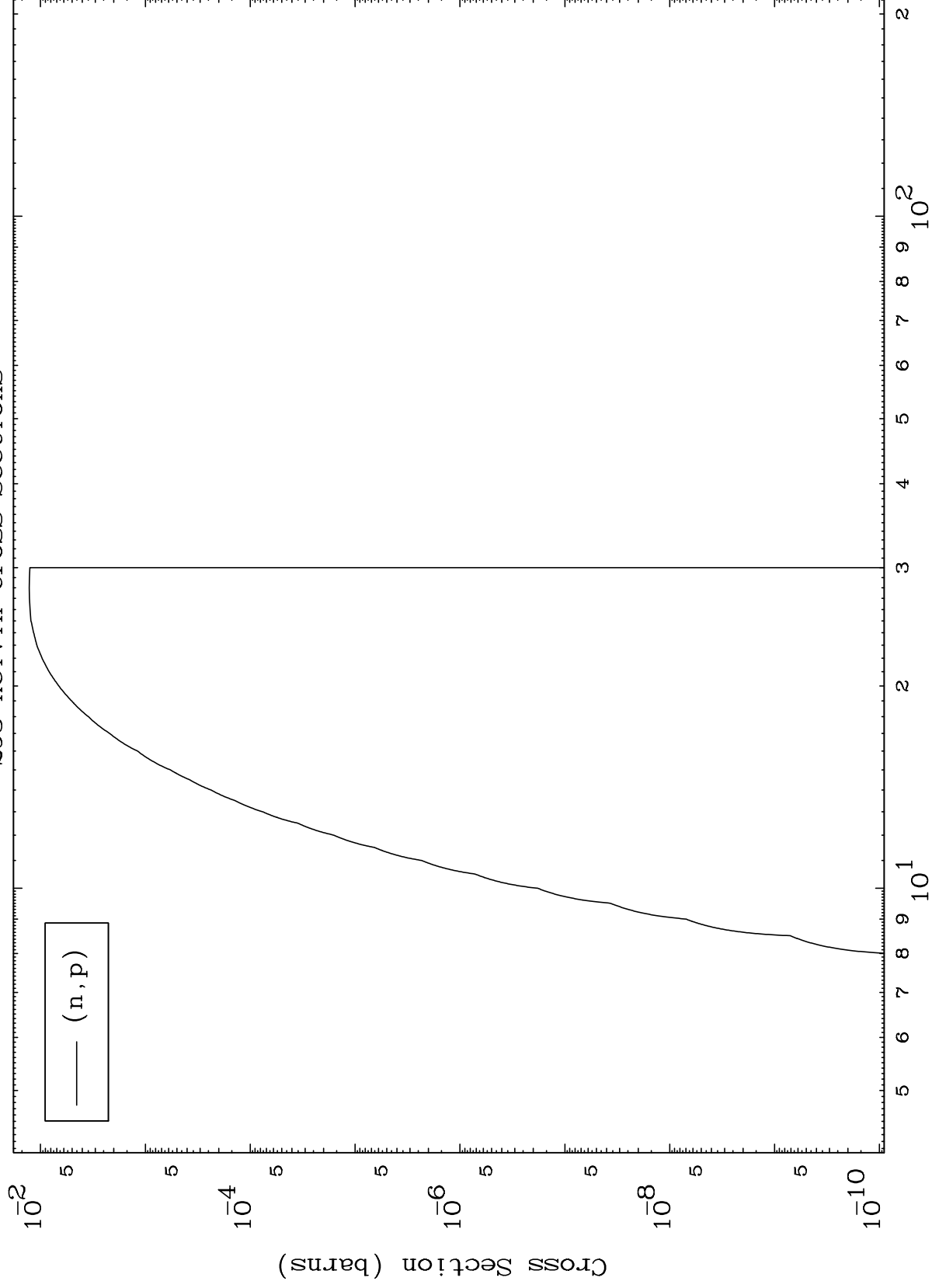
78-Pt-200



MAT 7855

(n,p) Levels
293 Kelvin Cross Sections

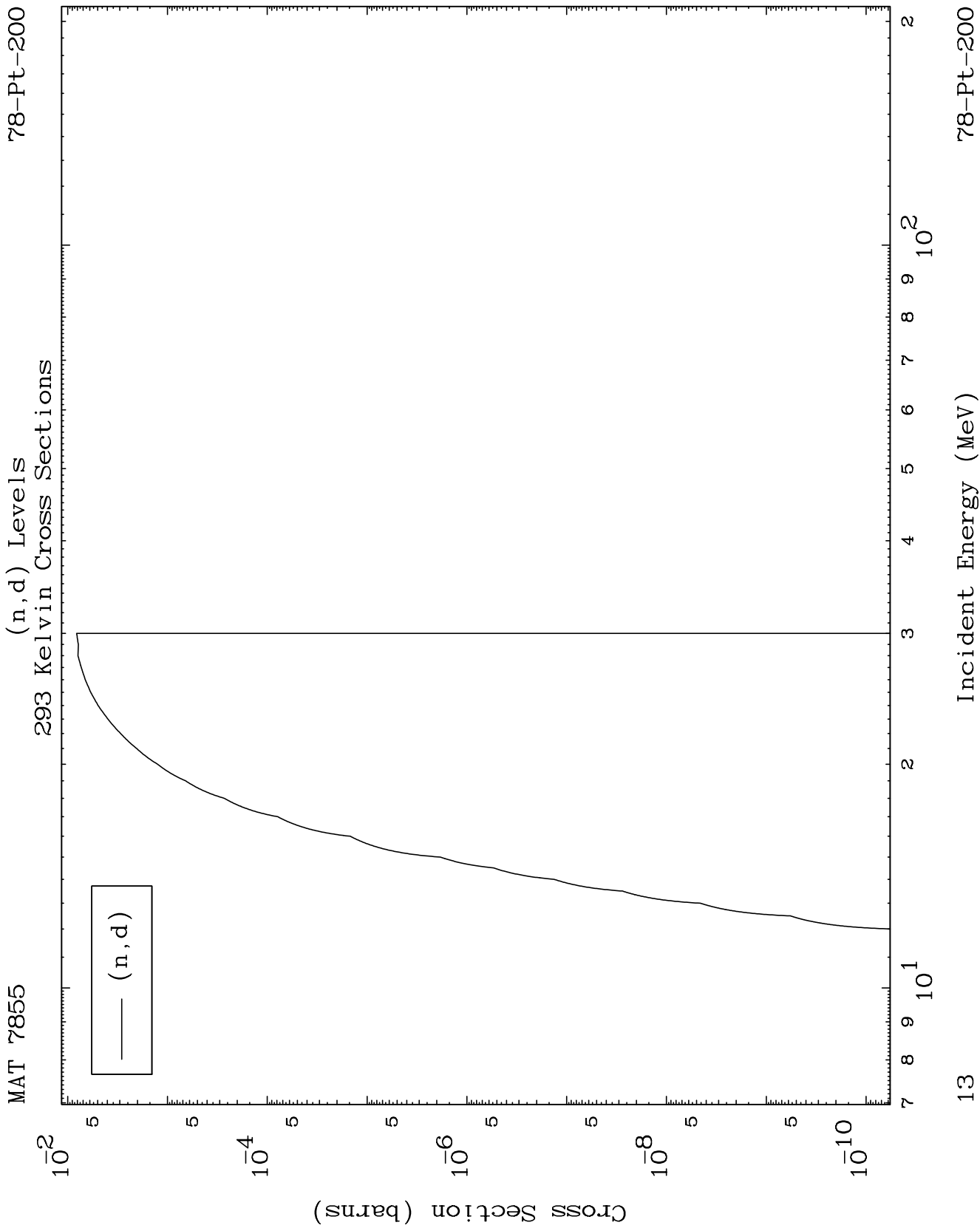
78-Pt-200



12

Incident Energy (MeV)

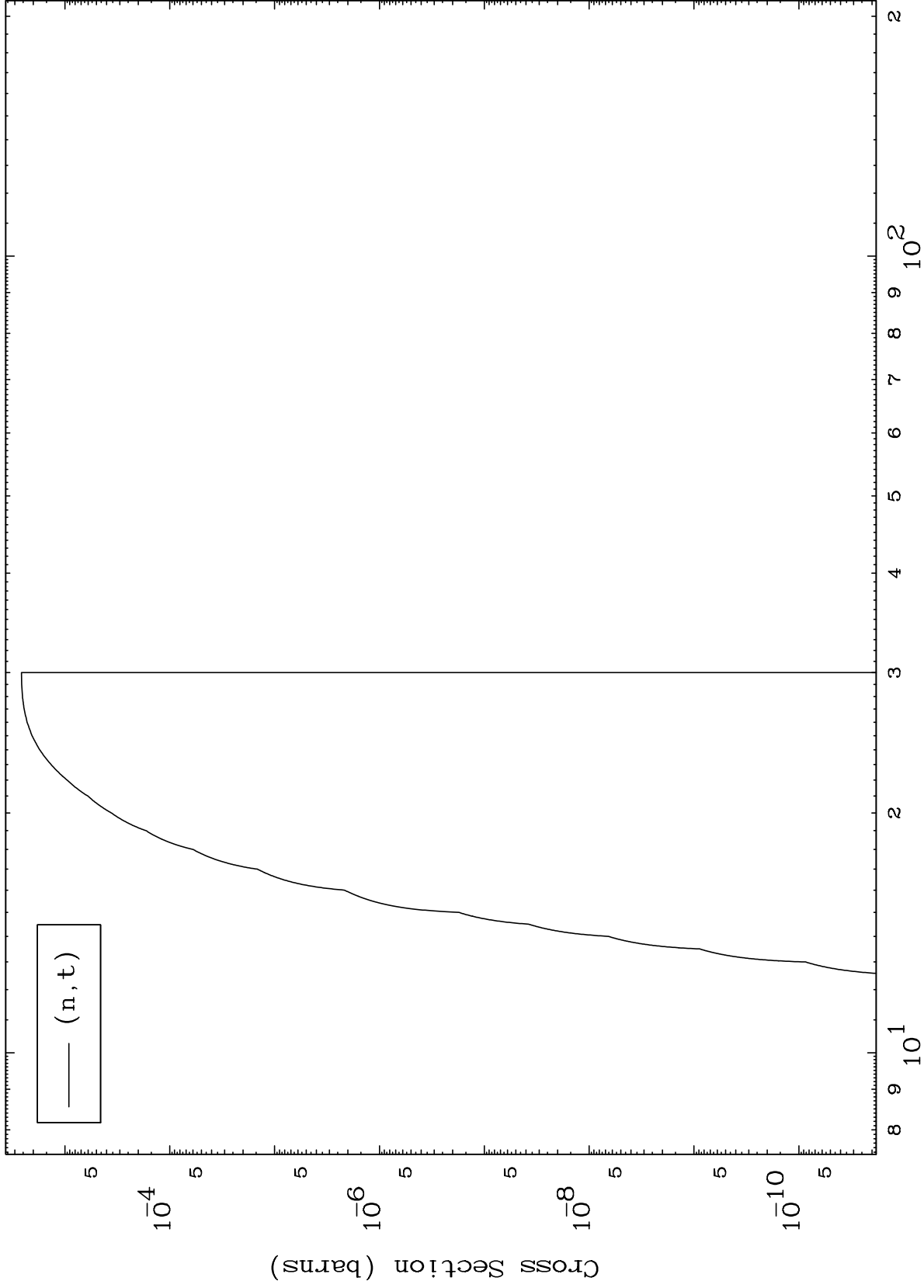
78-Pt-200



MAT 7855

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-200



14

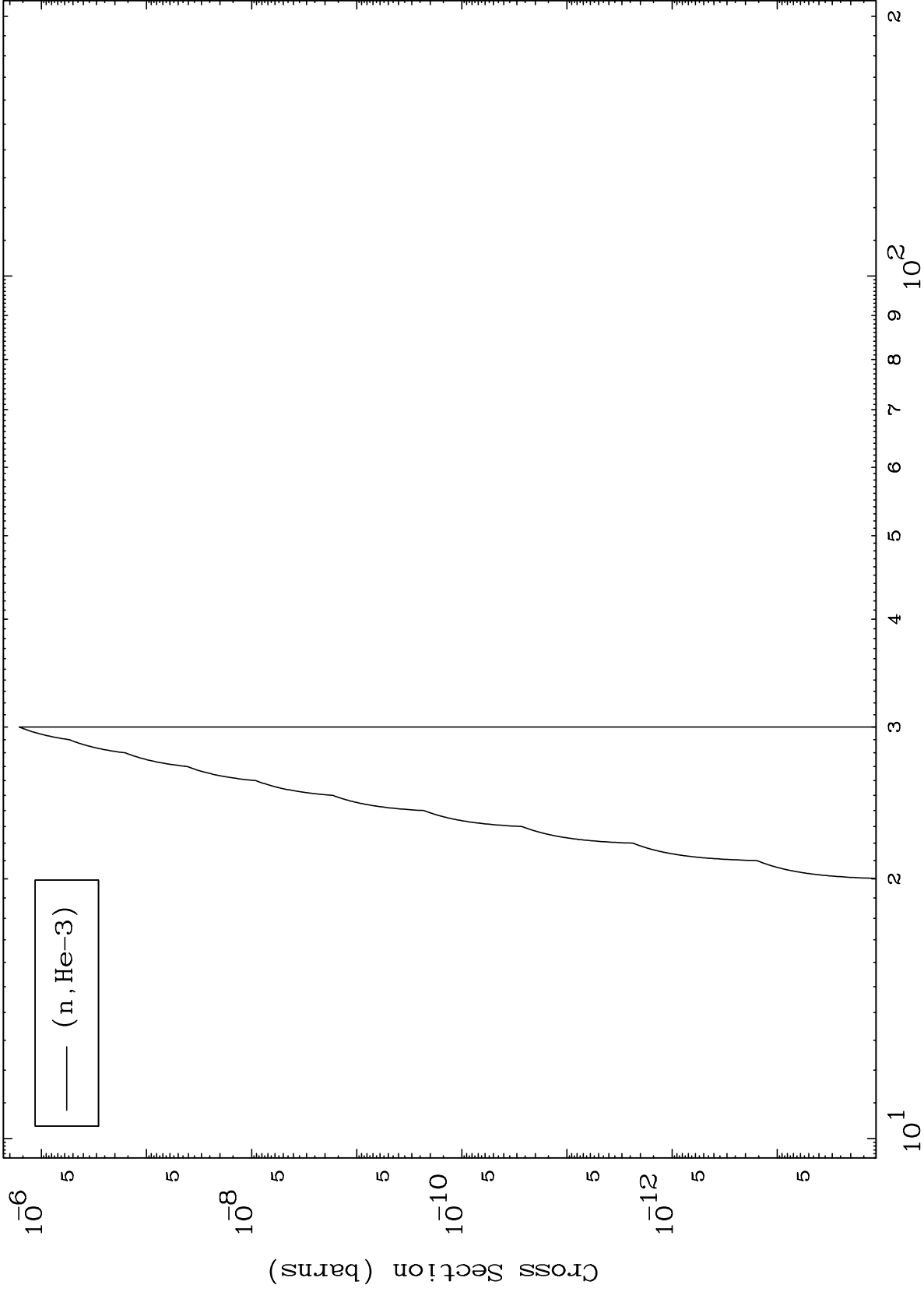
Incident Energy (MeV)

78-Pt-200

MAT 7855

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-200



Incident Energy (MeV)

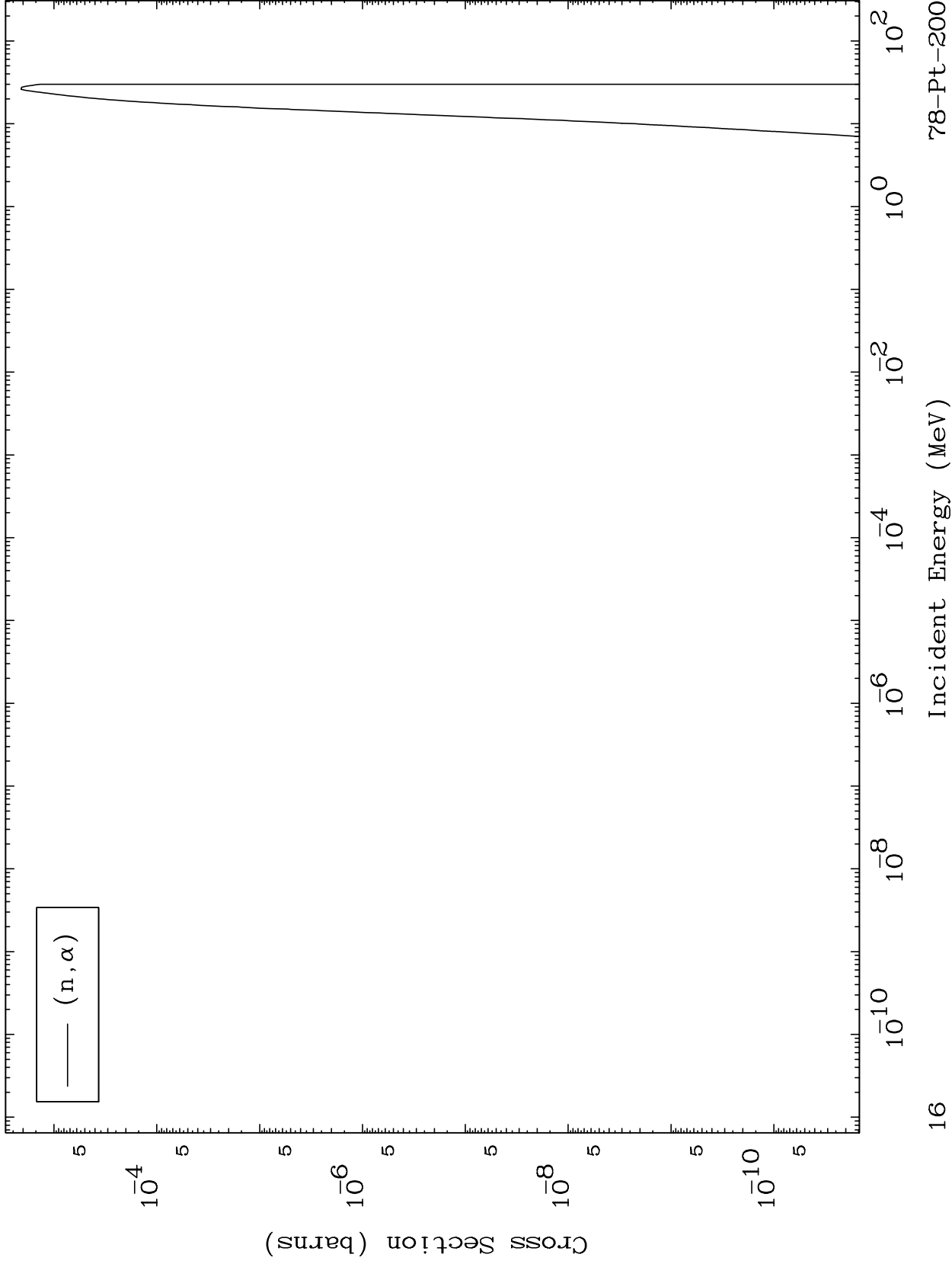
78-Pt-200

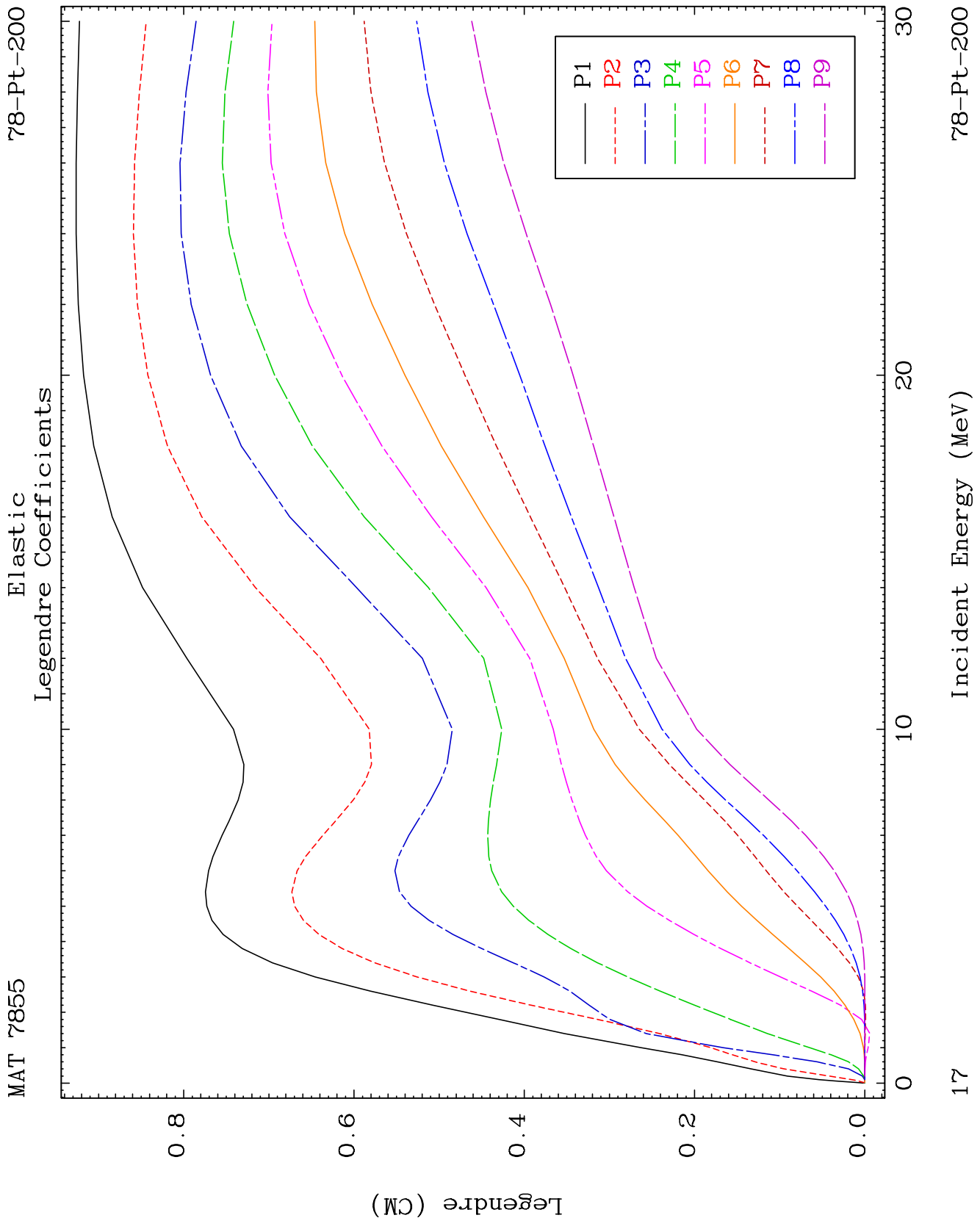
15

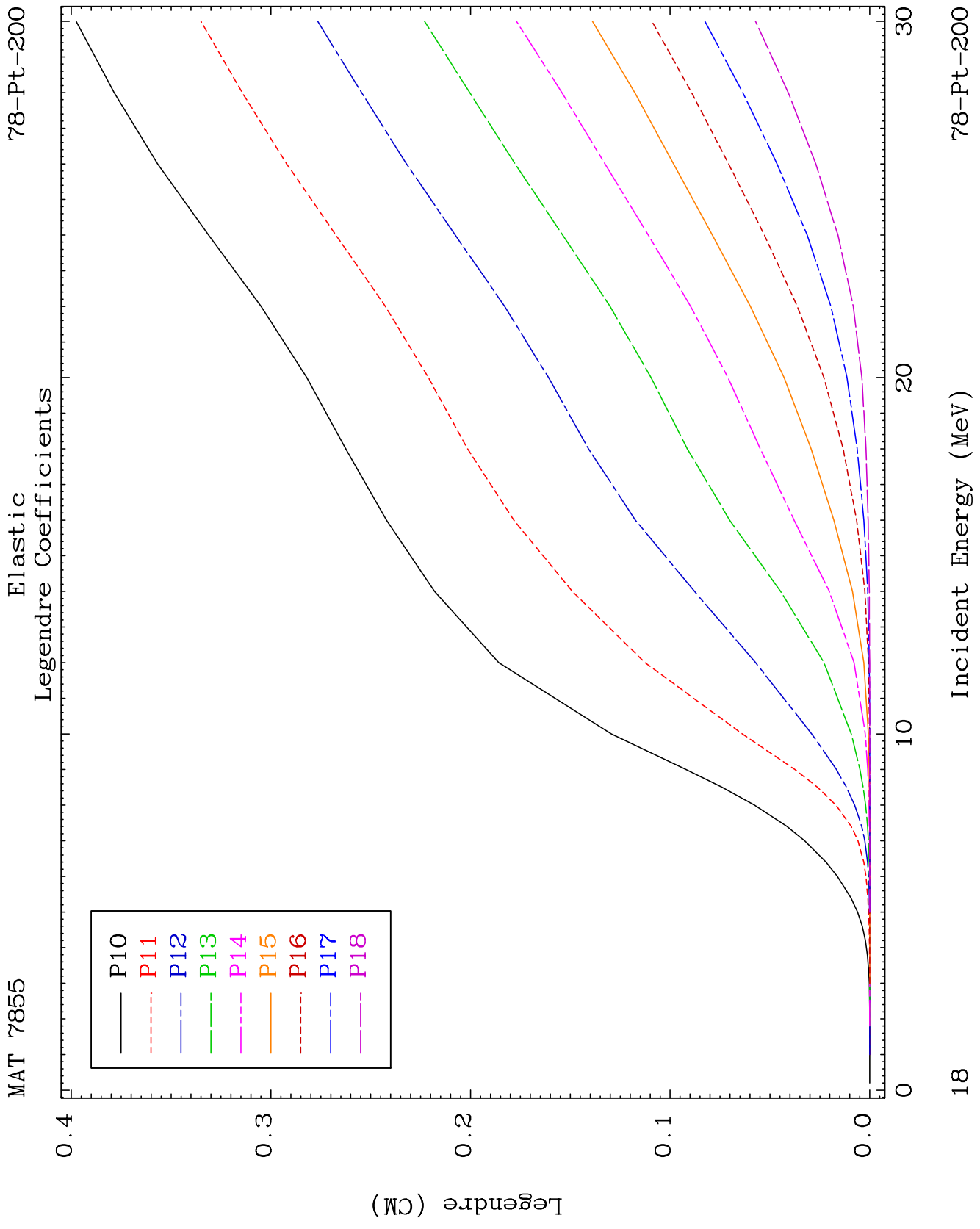
MAT 7855

(n, α) Levels
293 Kelvin Cross Sections

78-Pt-200



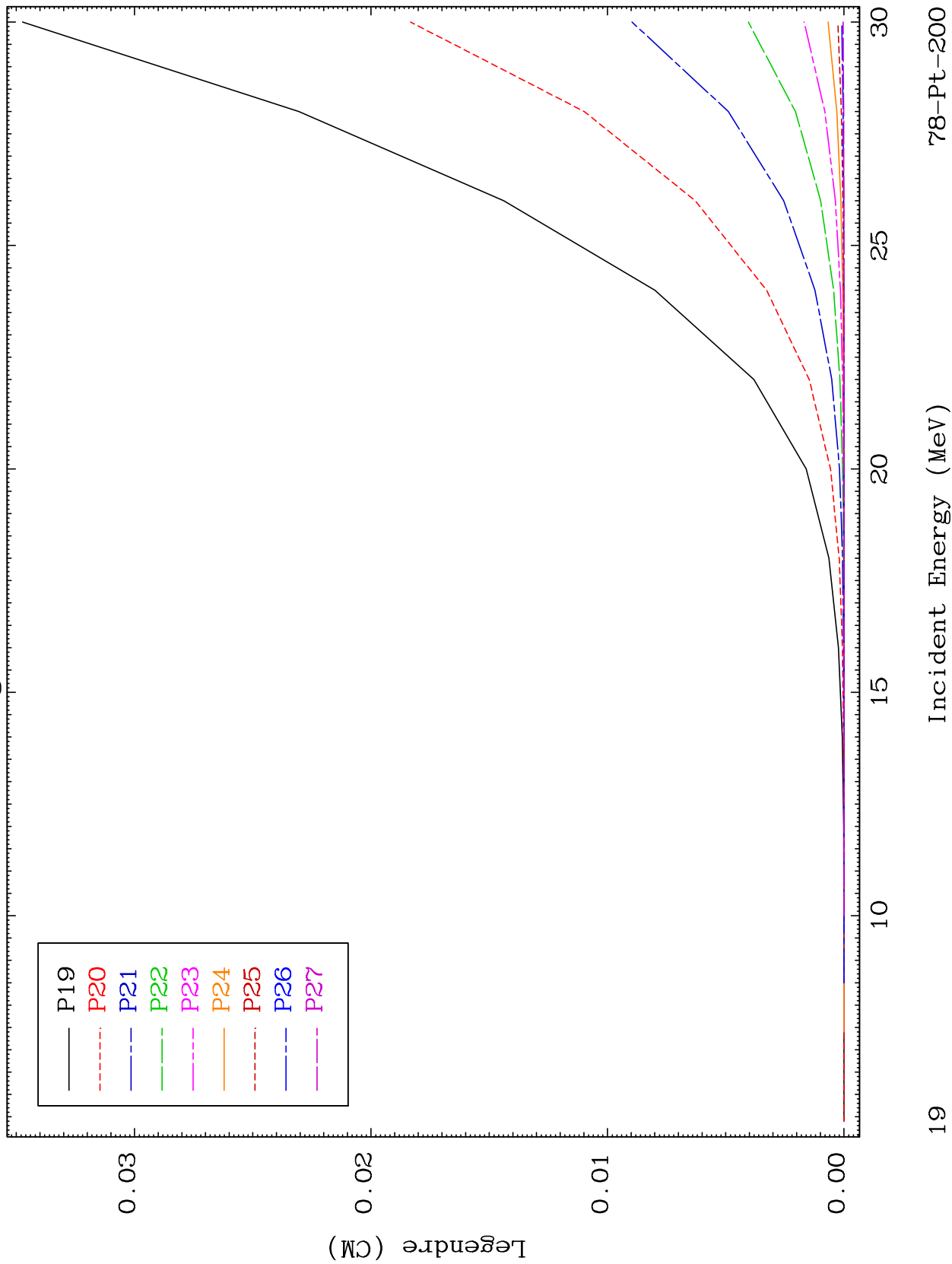




MAT 7855

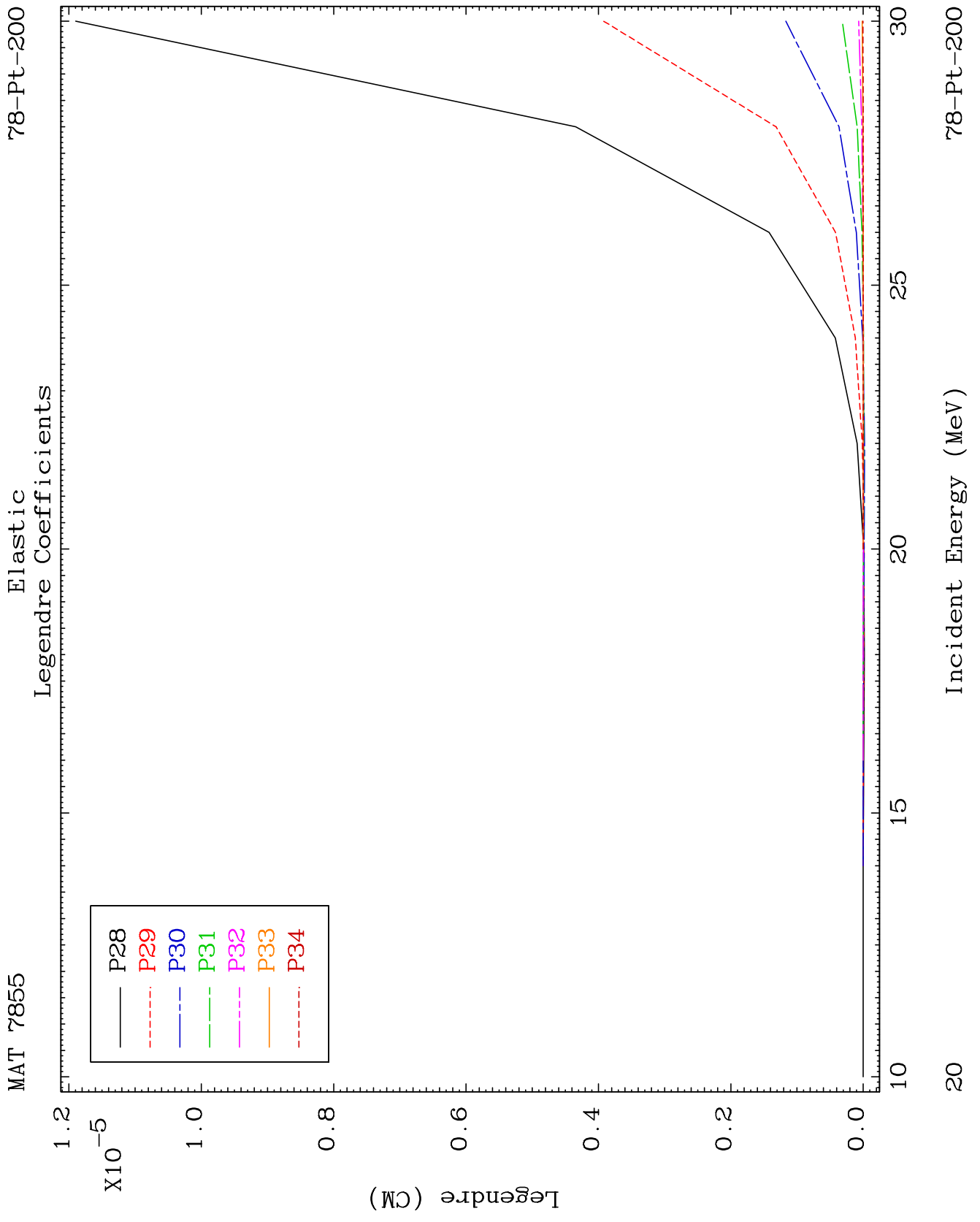
Elastic Legendre Coefficients

78-Pt-200



19

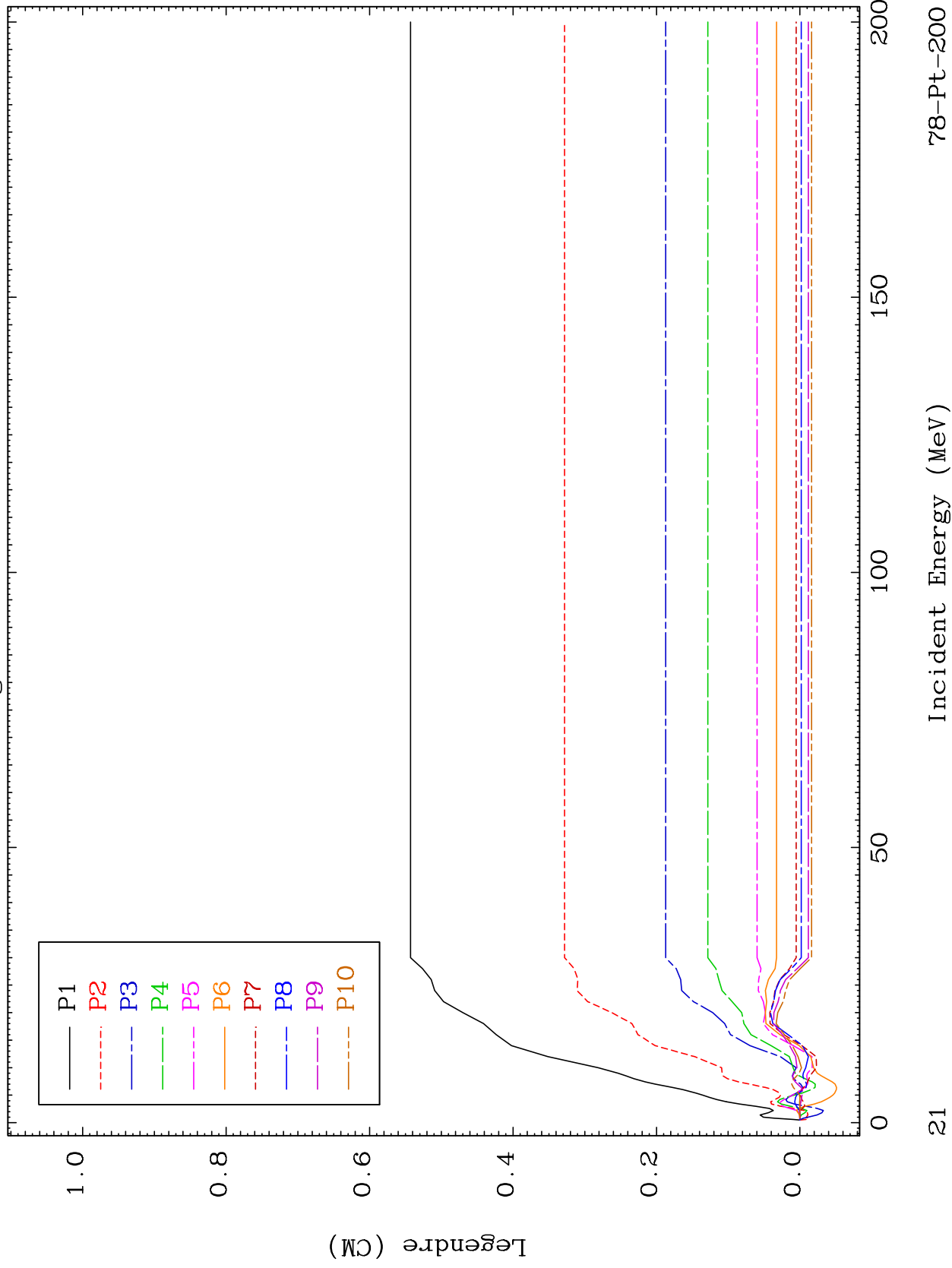
78-Pt-200



MAT 7855

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

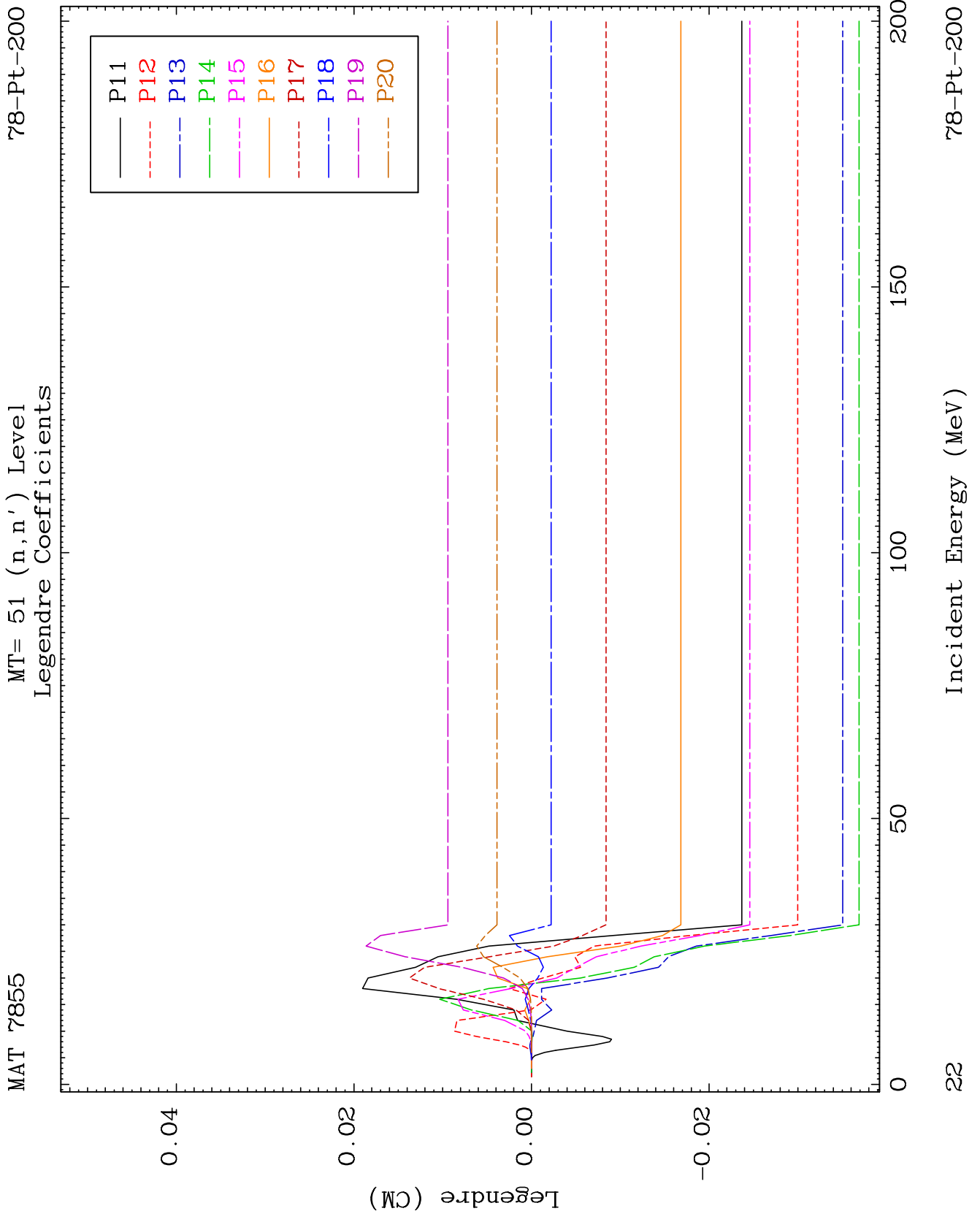
78-Pt-200



21

Incident Energy (MeV)

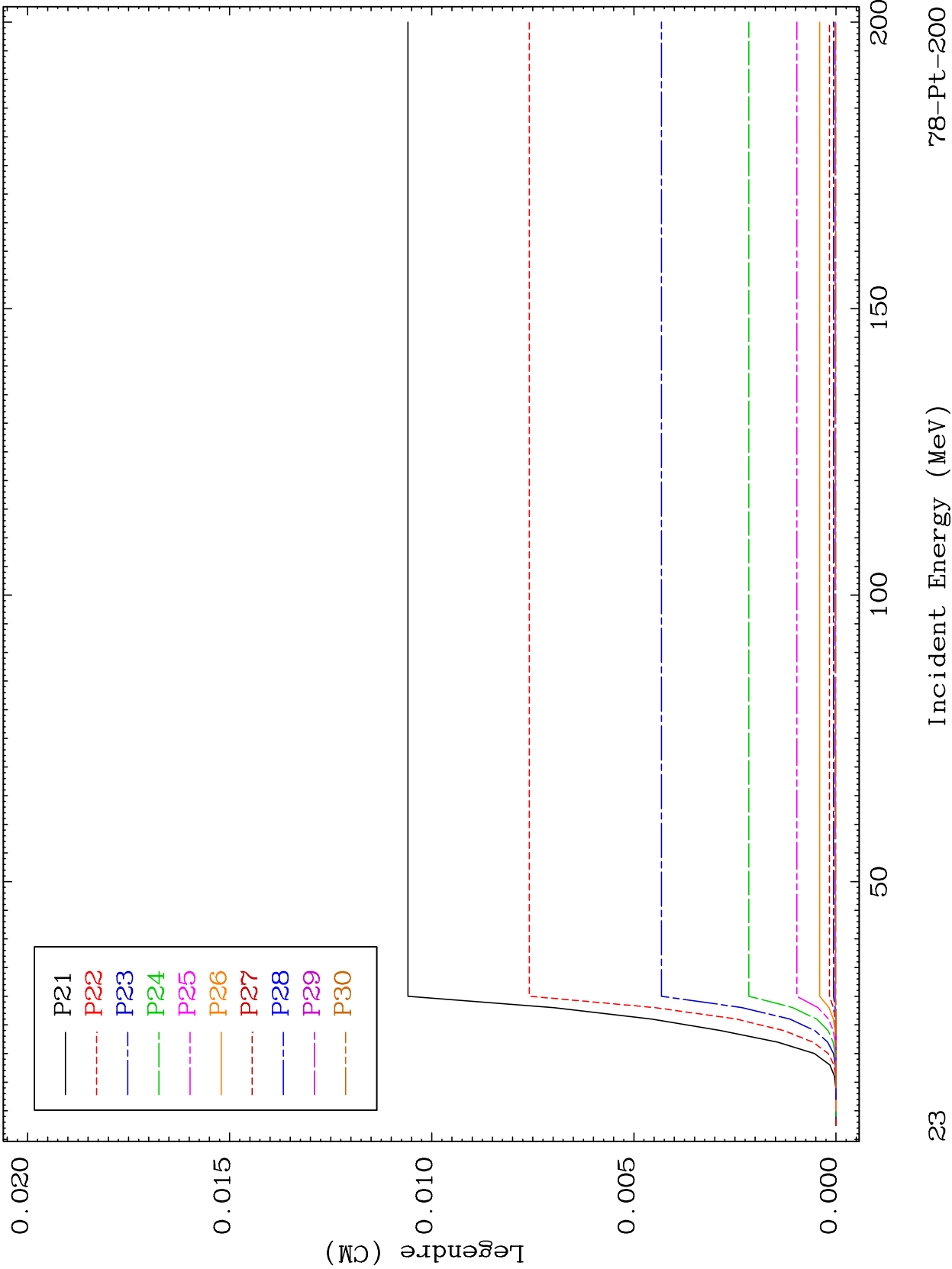
78-Pt-200

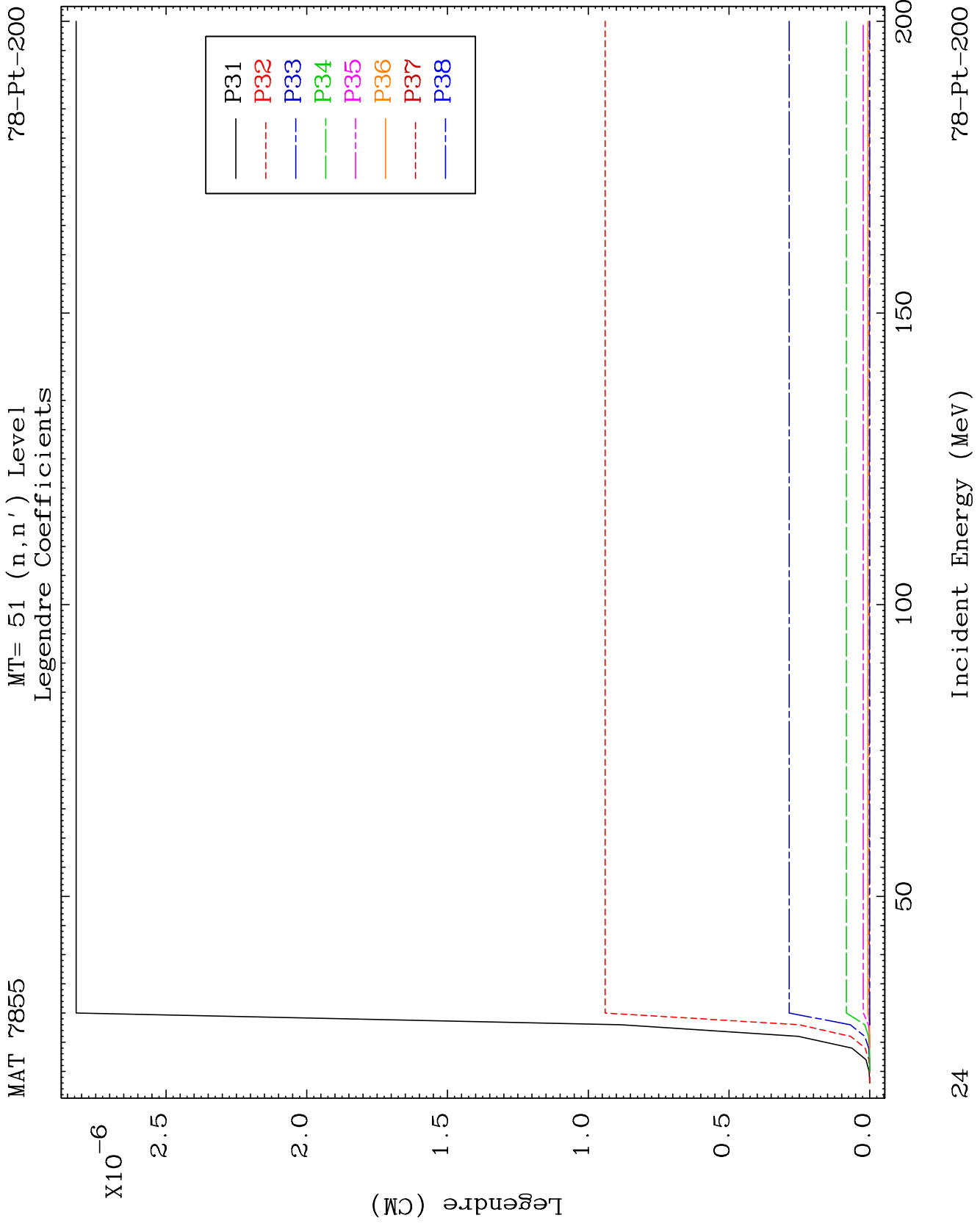


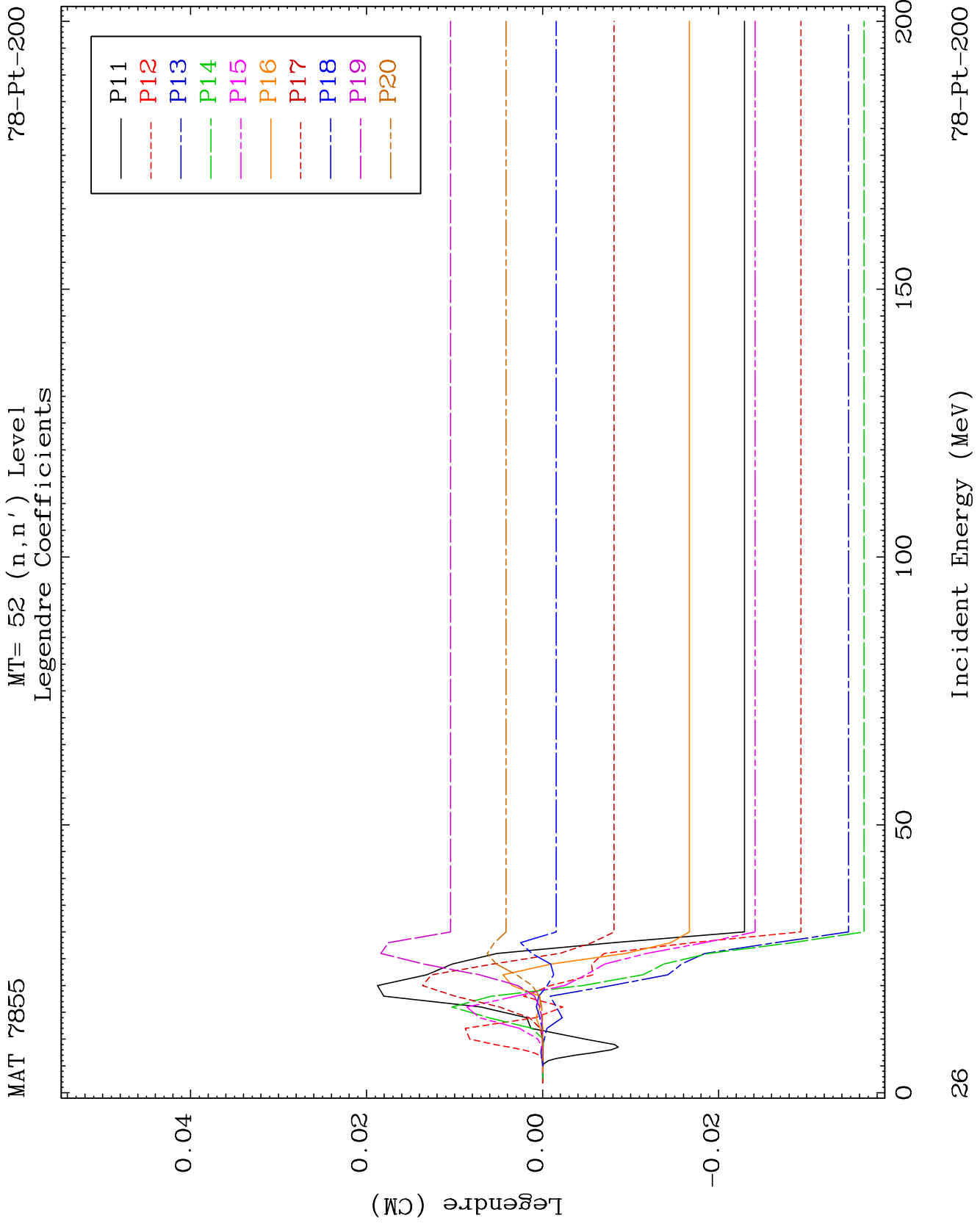
MAT 7855

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

78-Pt-200



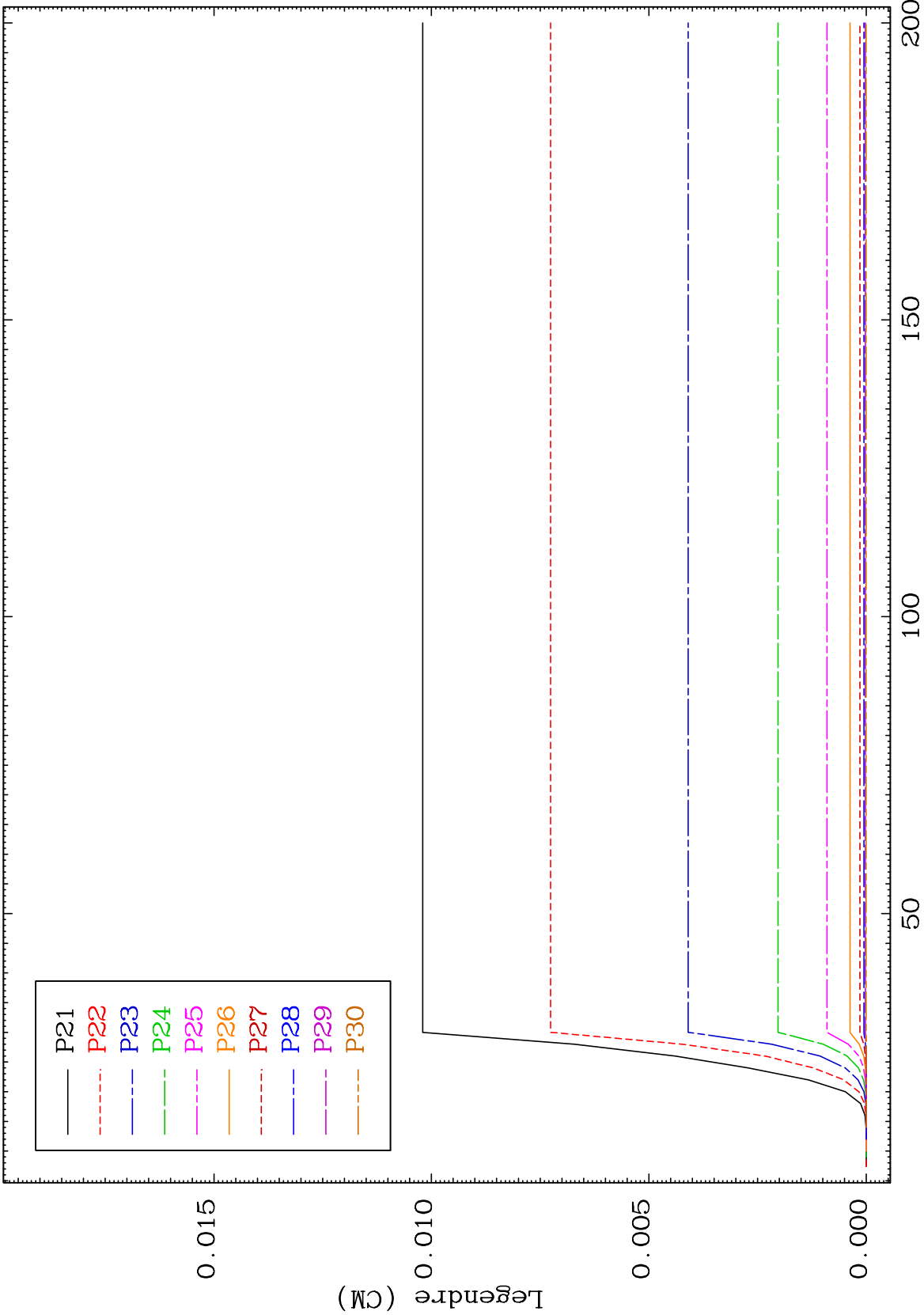




MAT 7855

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

78-Pt-200



27

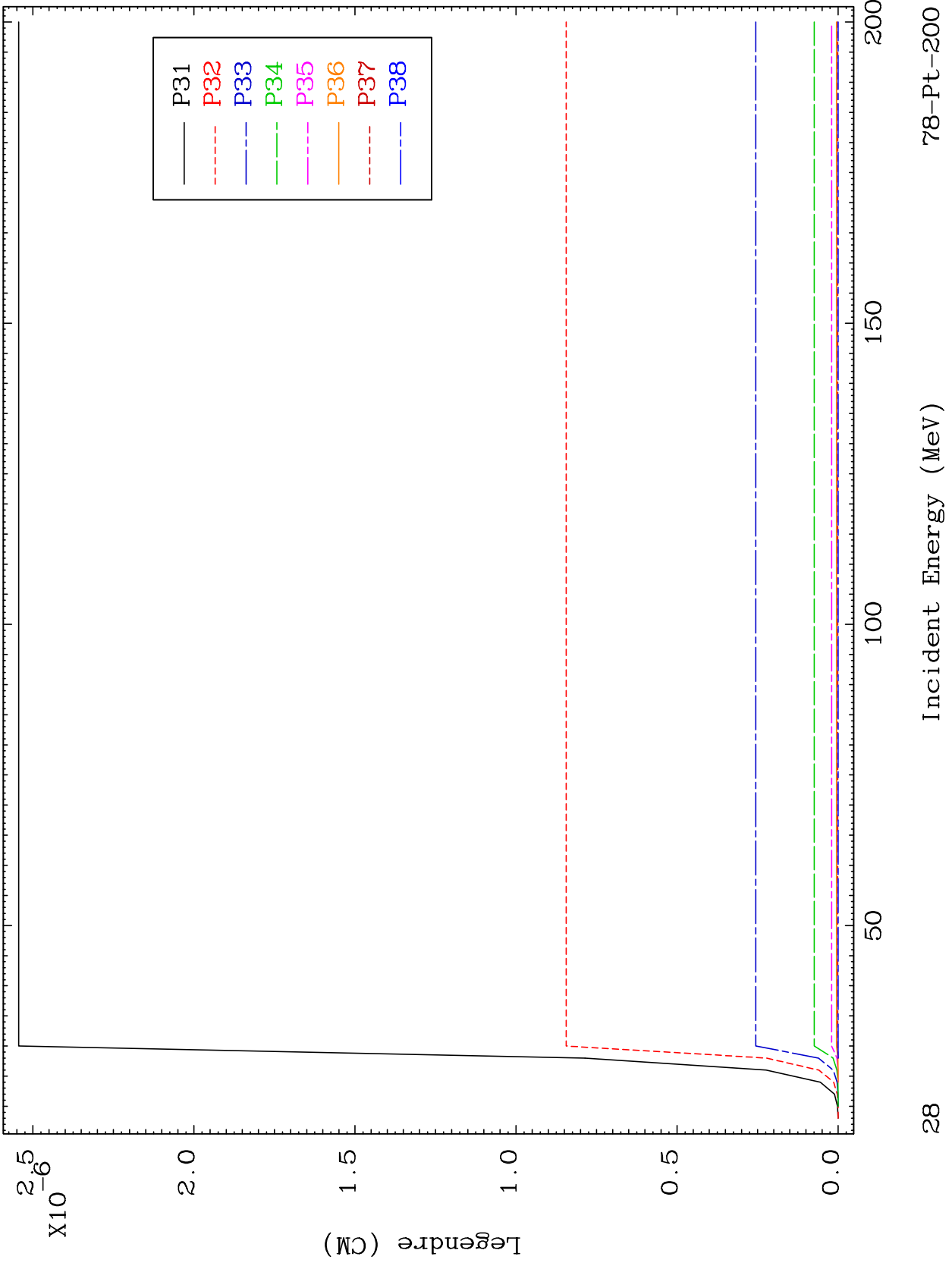
Incident Energy (MeV)

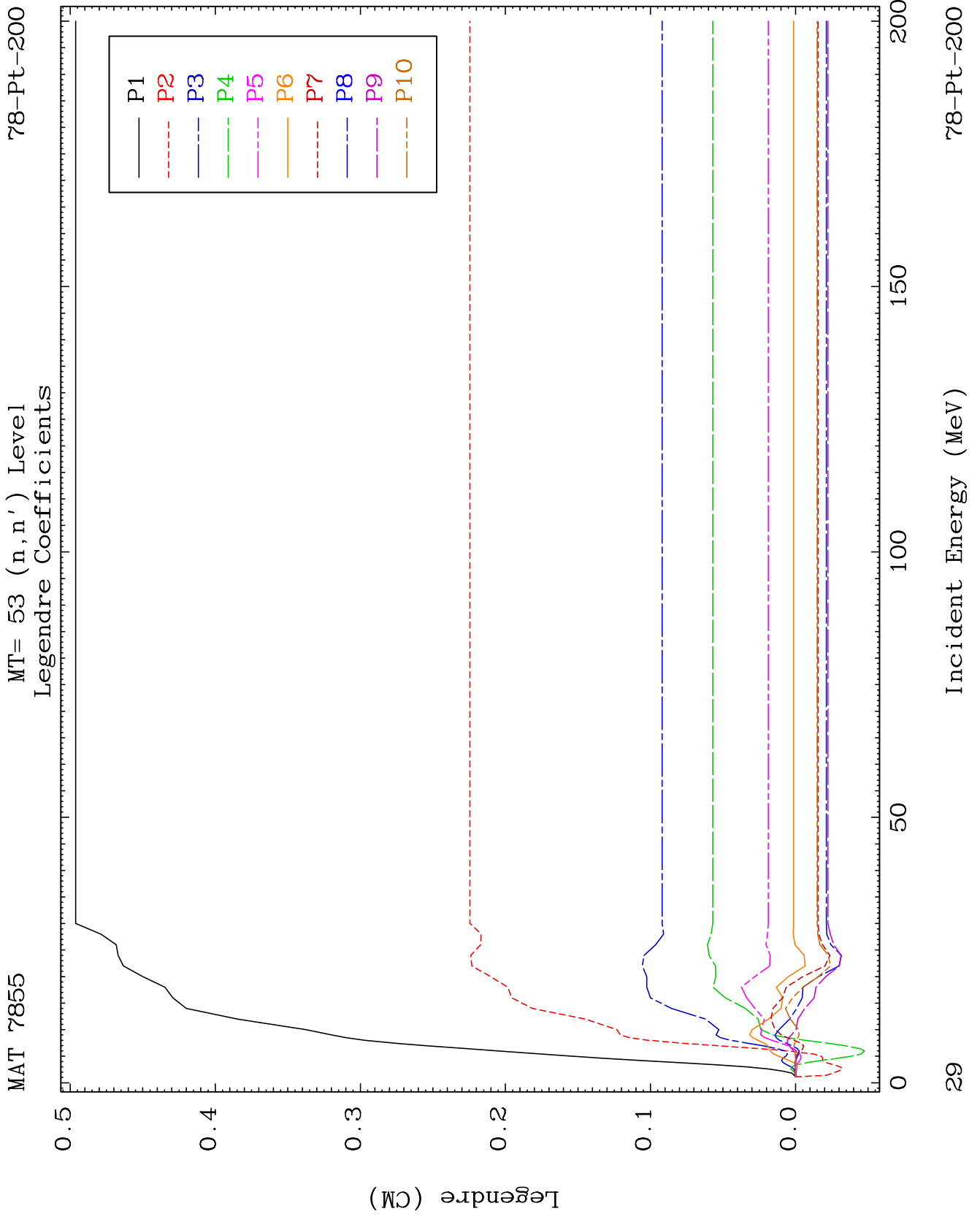
78-Pt-200

MAT 7855

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

78-Pt-200

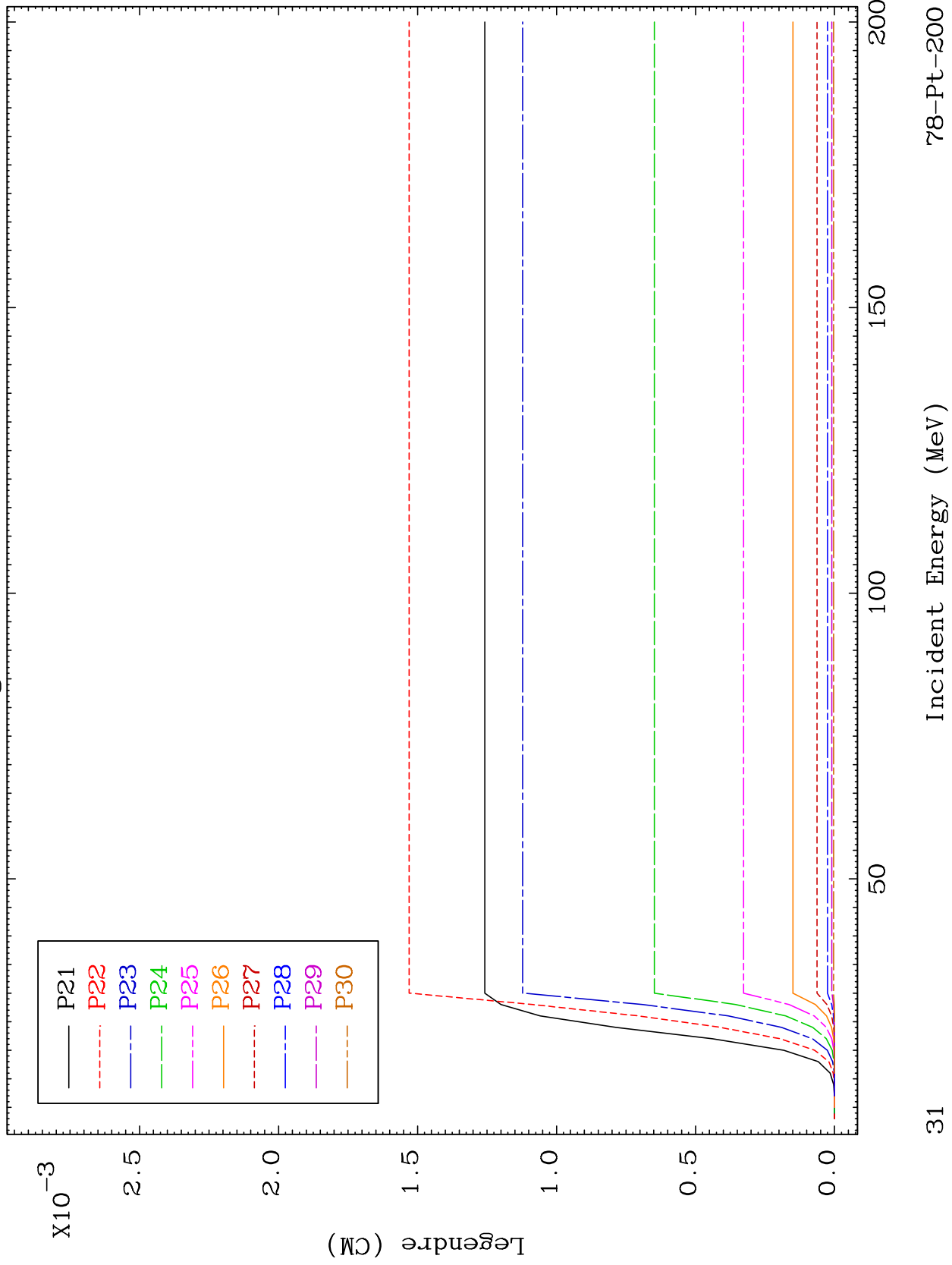




MAT 7855

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

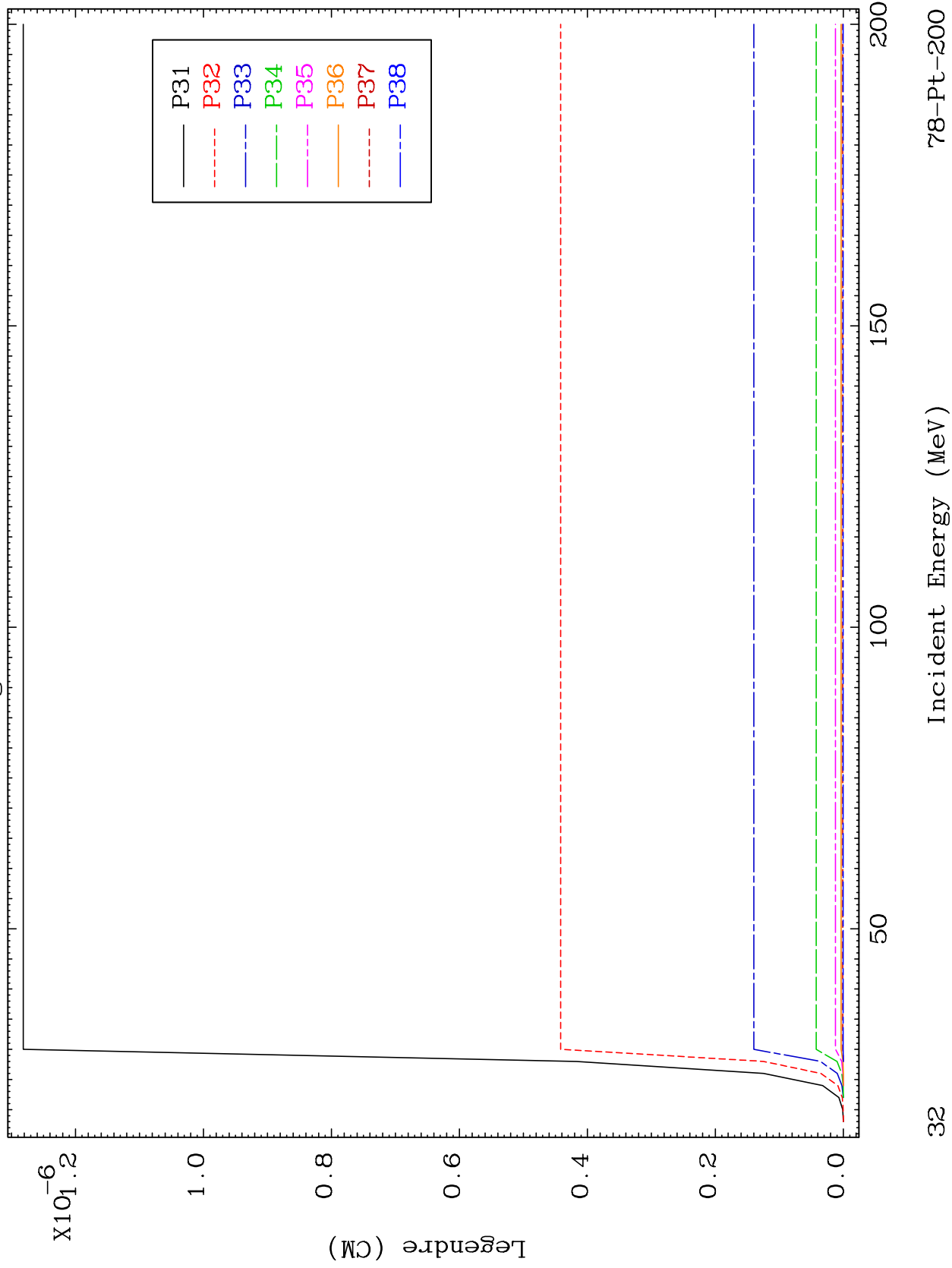
78-Pt-200



MAT 7855

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

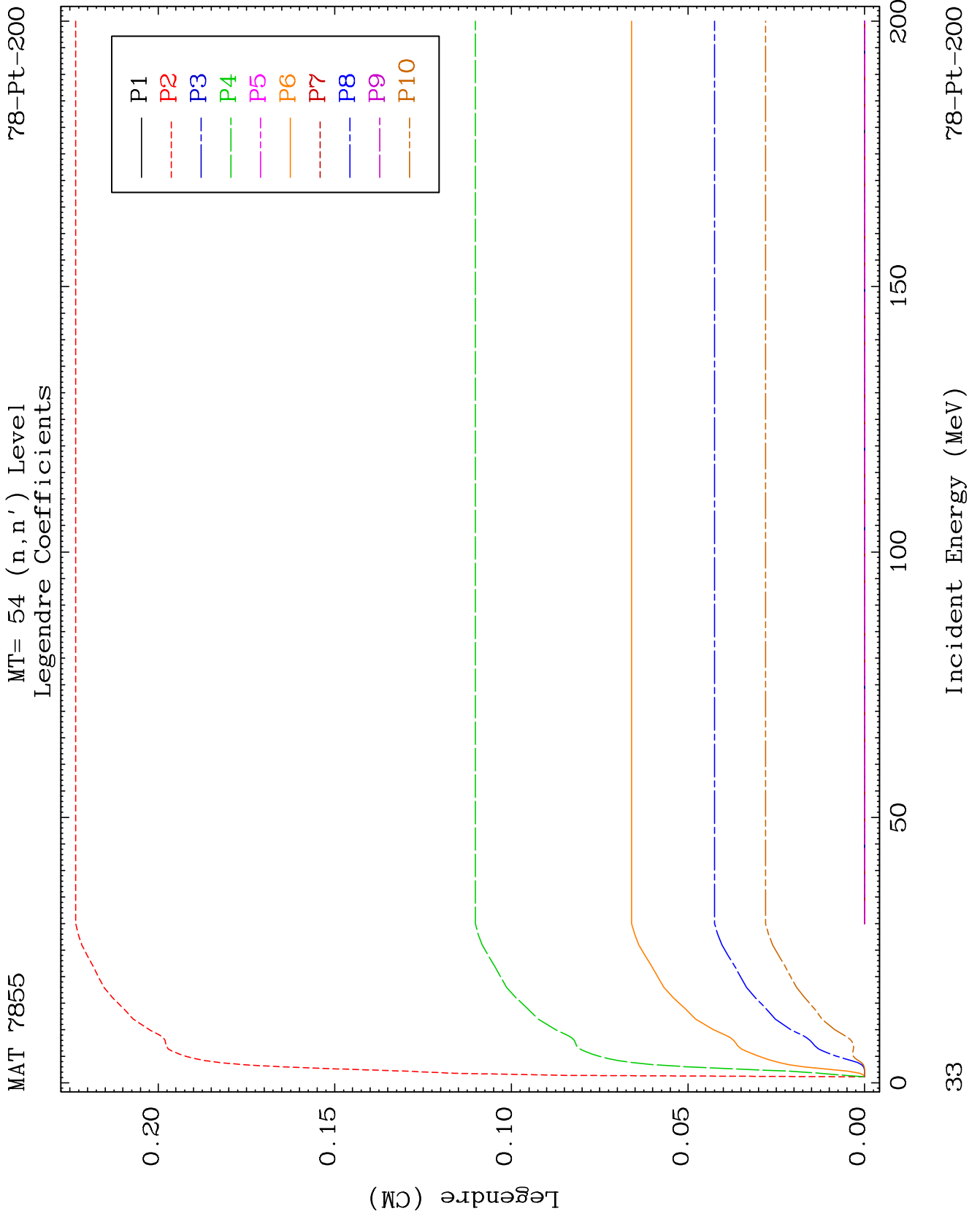
78-Pt-200



32

Incident Energy (MeV)

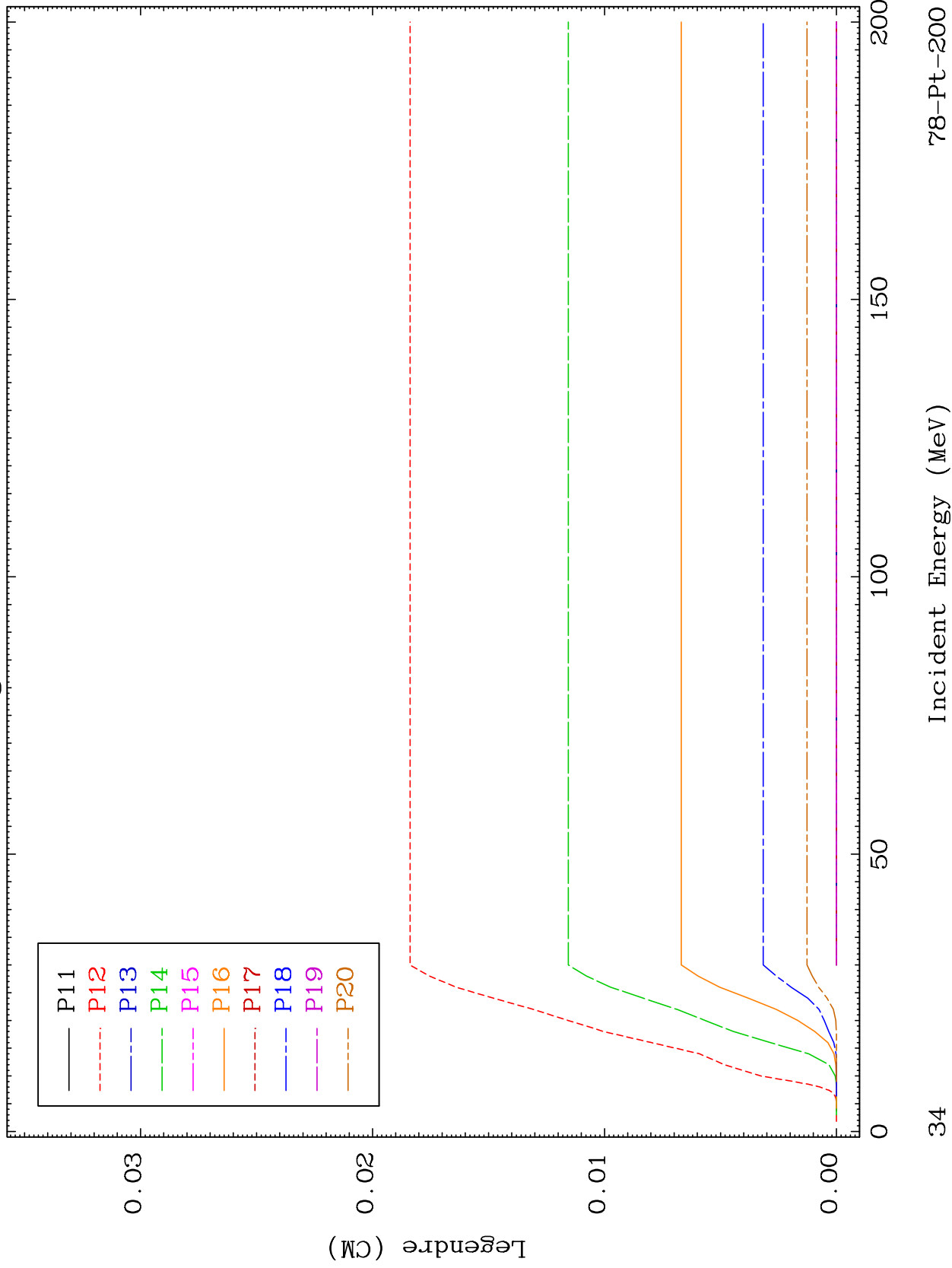
78-Pt-200

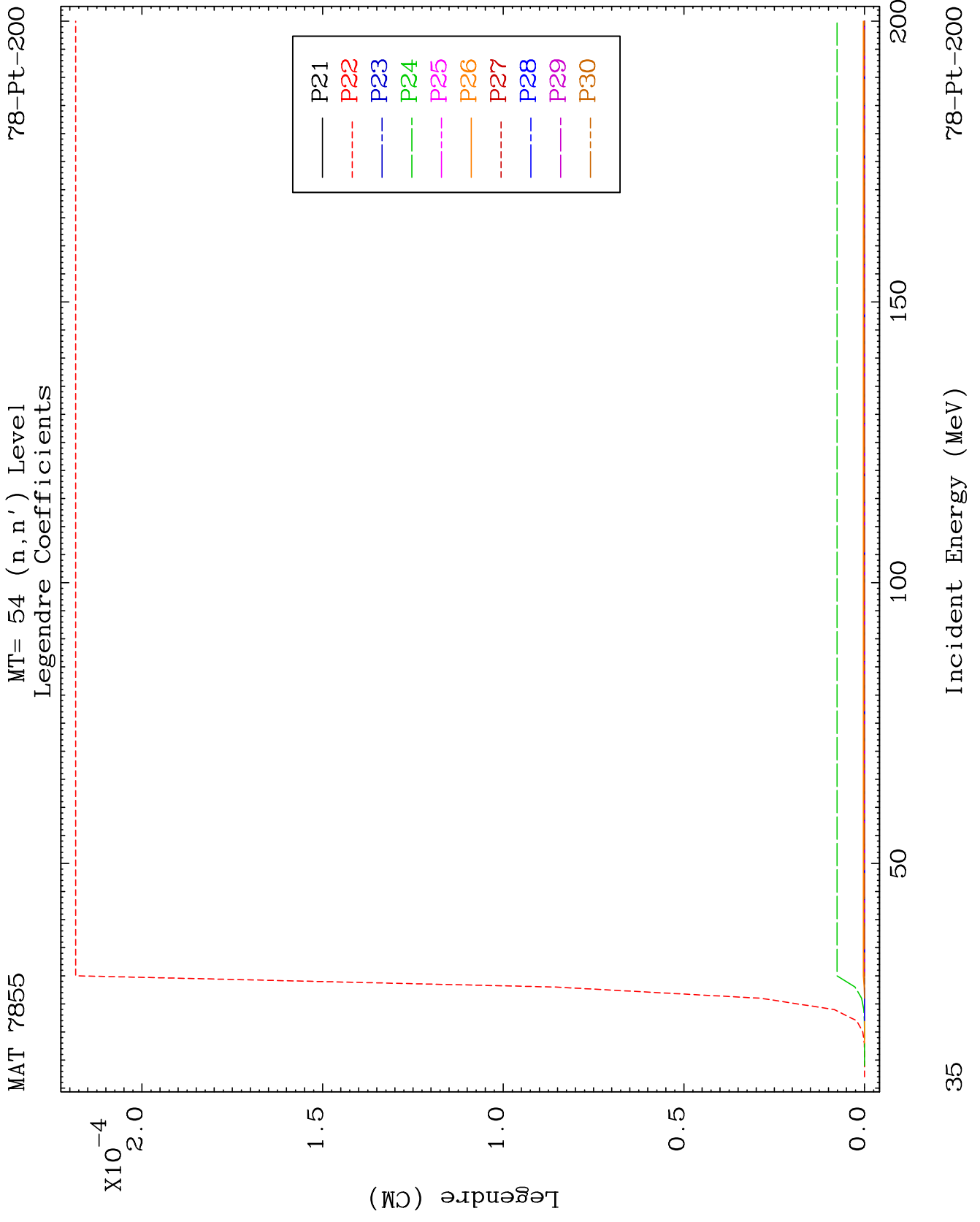


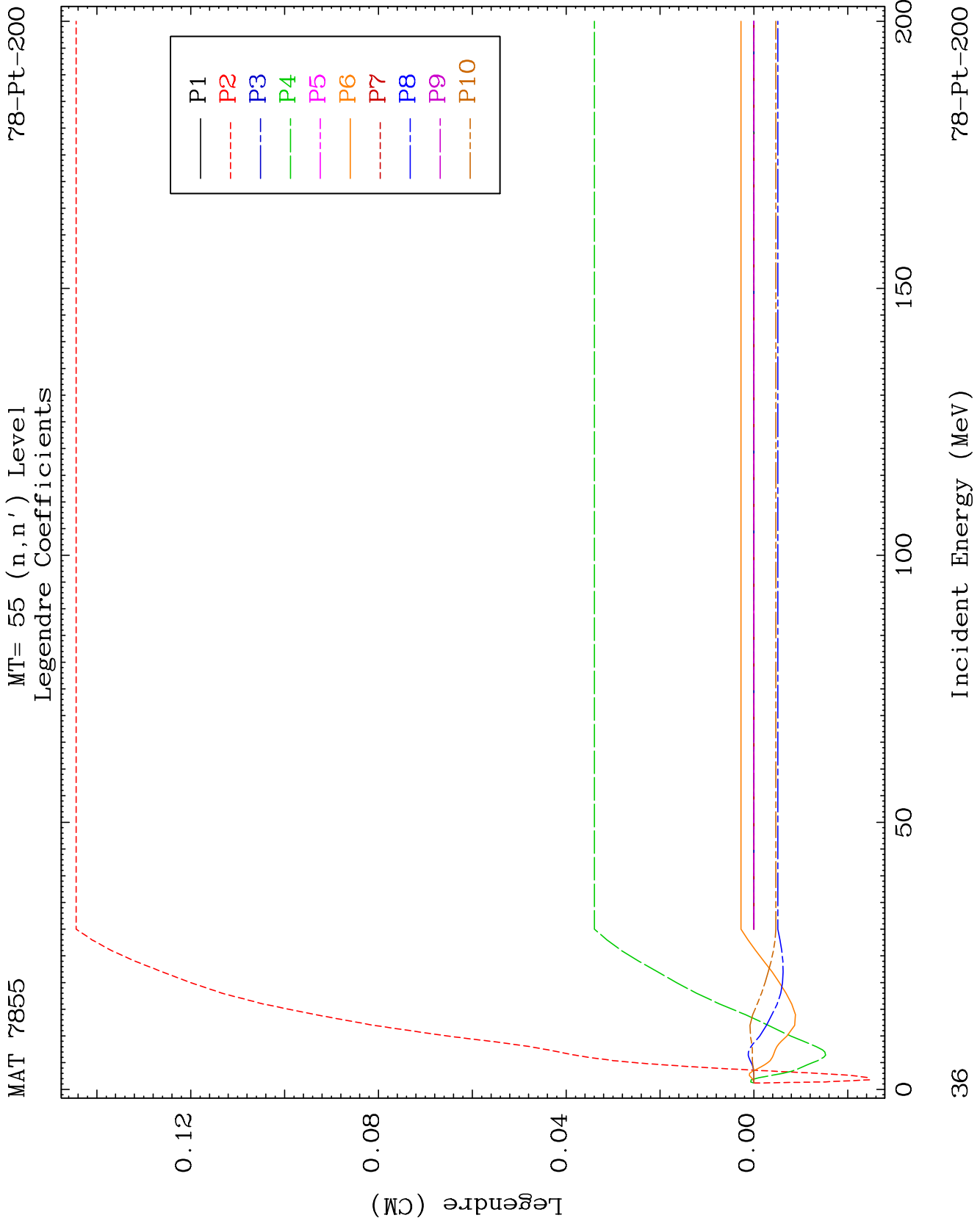
MAT 78555

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

78-Pt-200



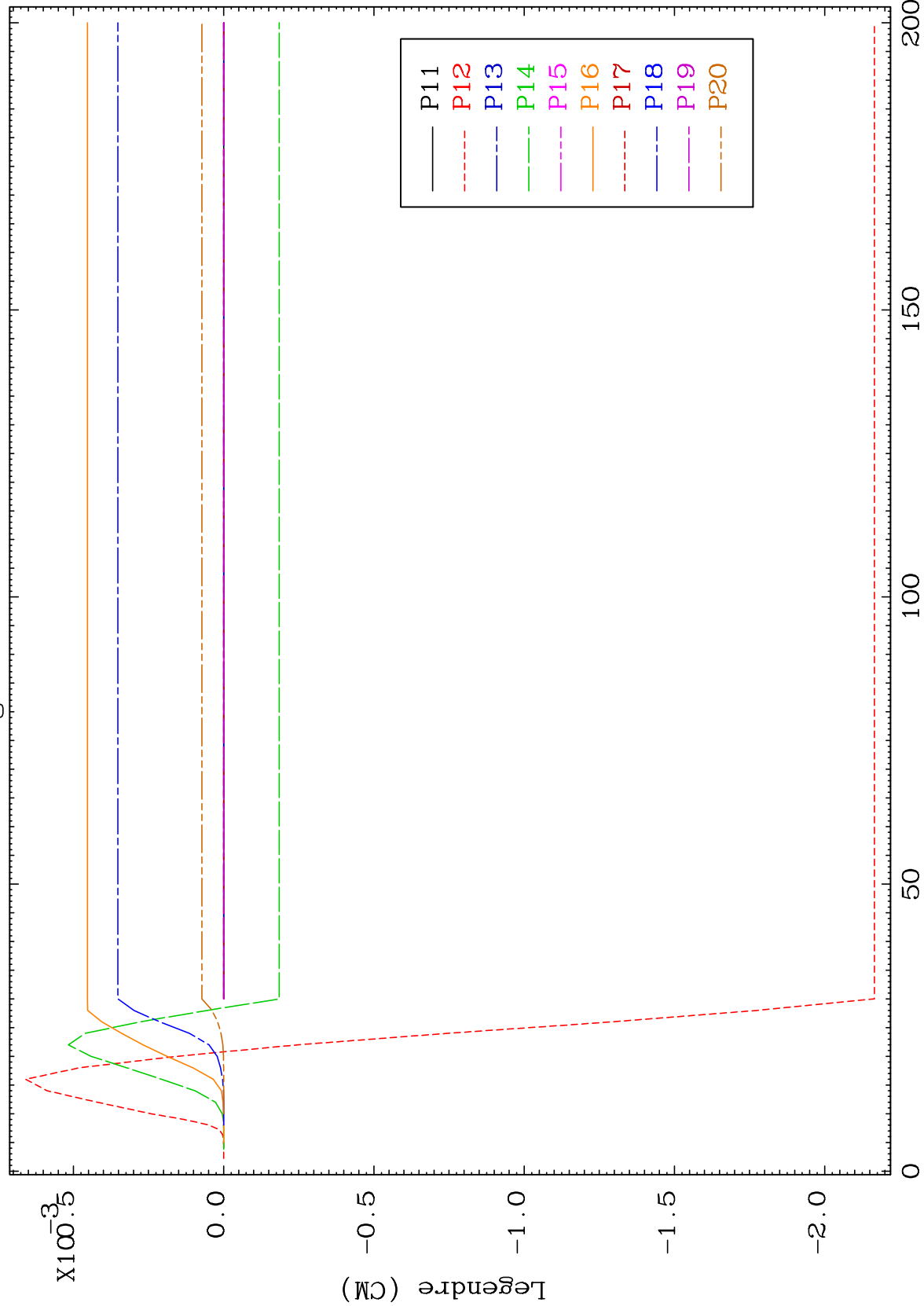




MAT 7855

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

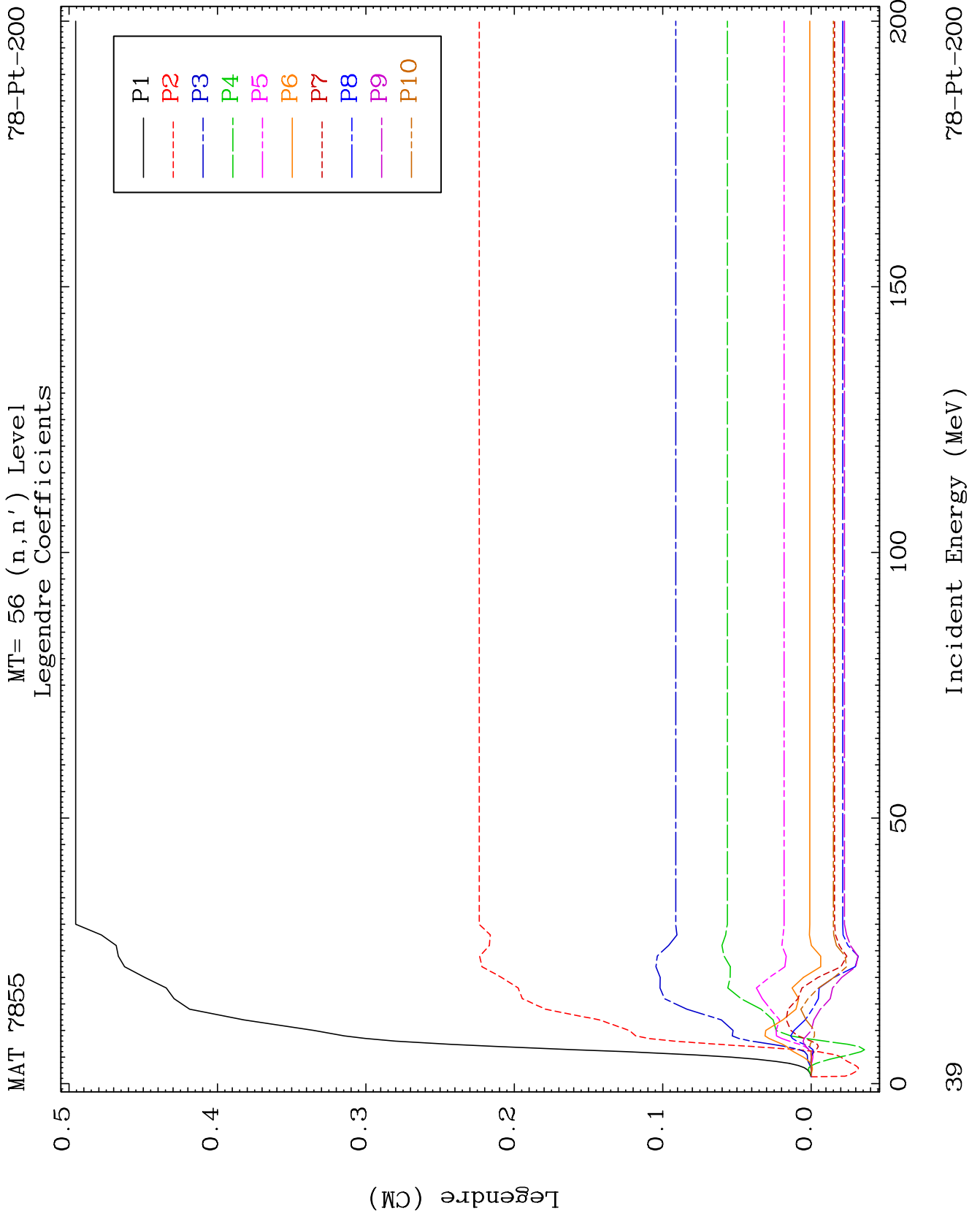
78-Pt-200



37

Incident Energy (MeV)

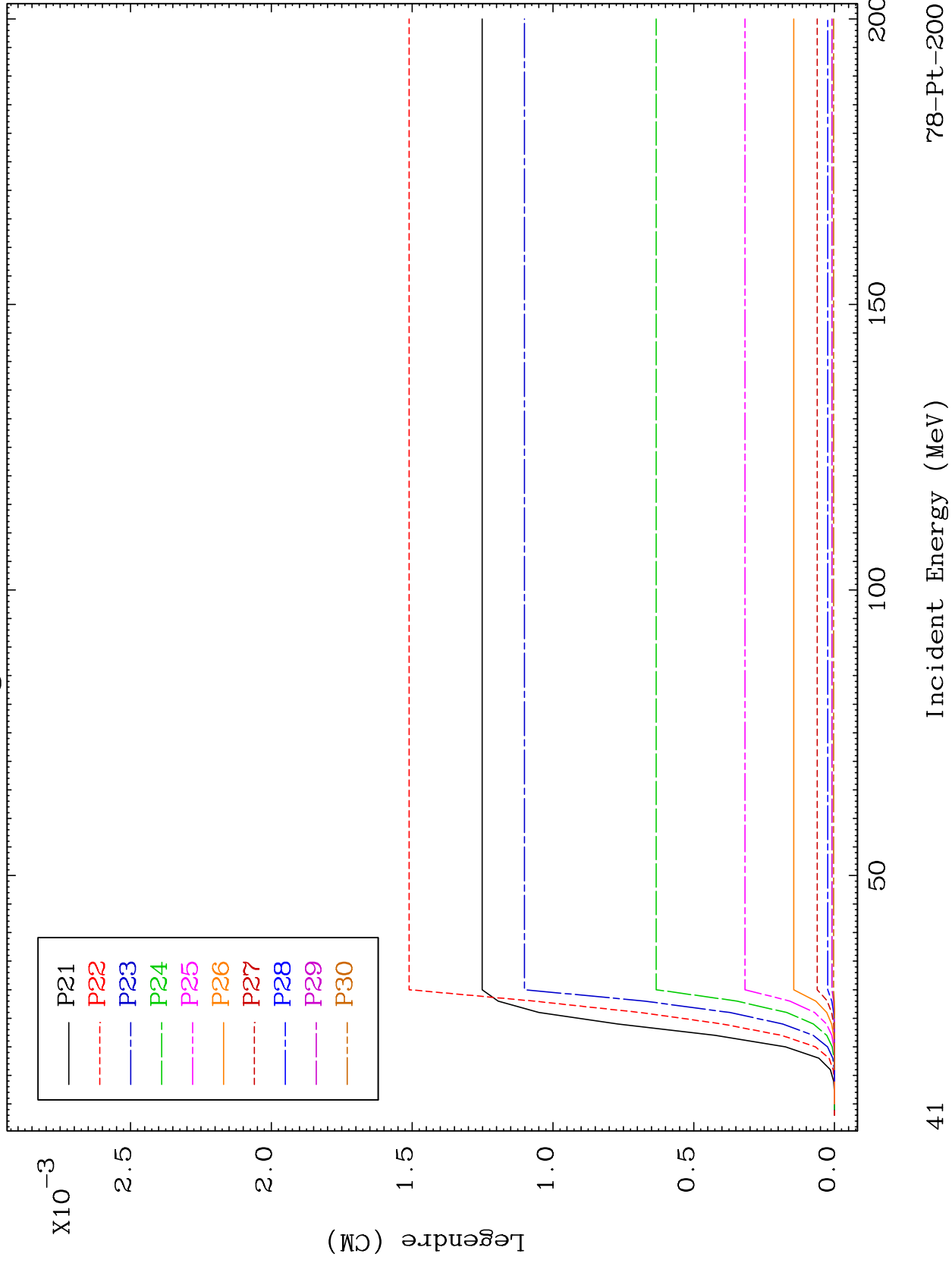
78-Pt-200



MAT 7855

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

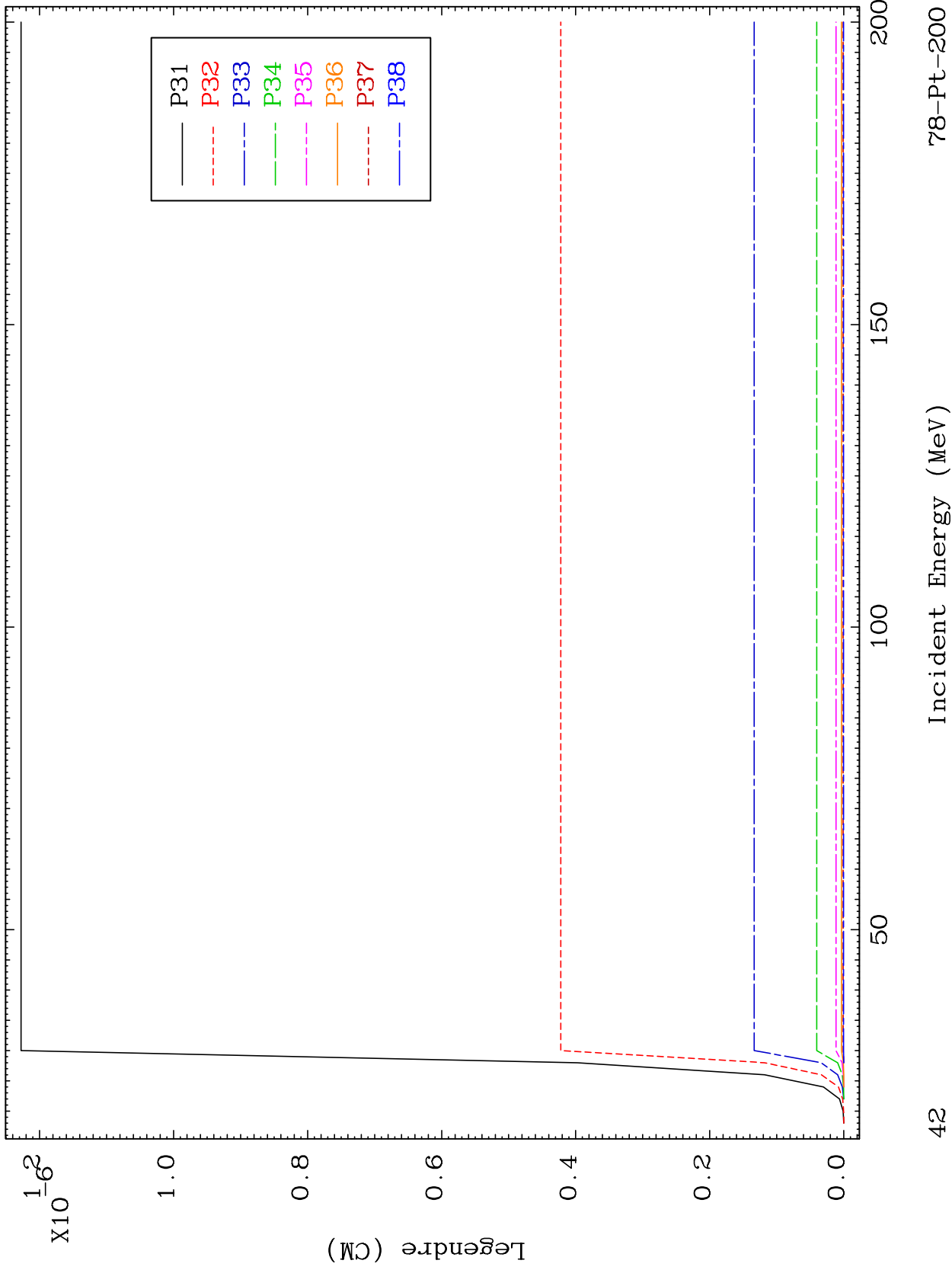
78-Pt-200



MAT 7855

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

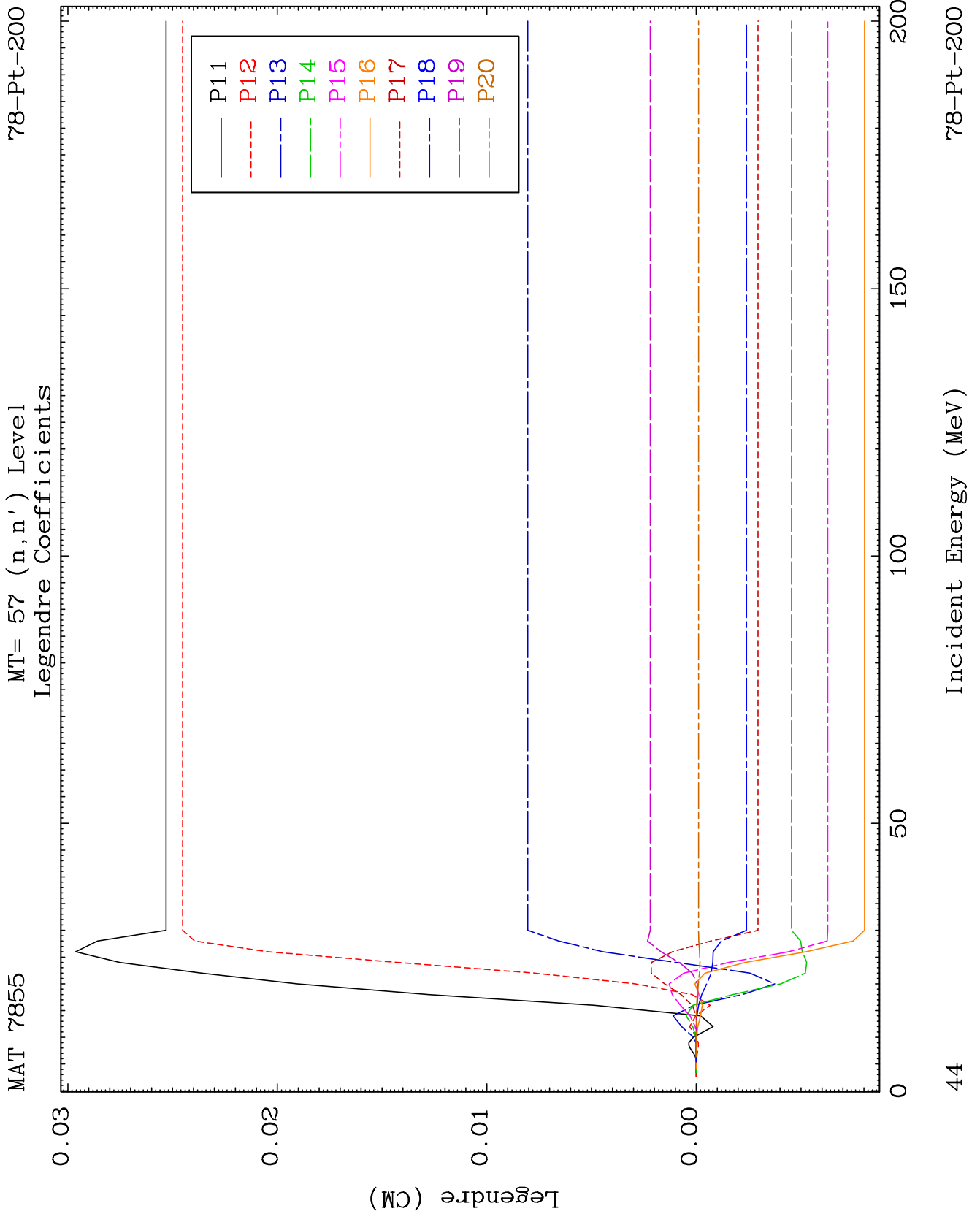
78-Pt-200



42

Incident Energy (MeV)

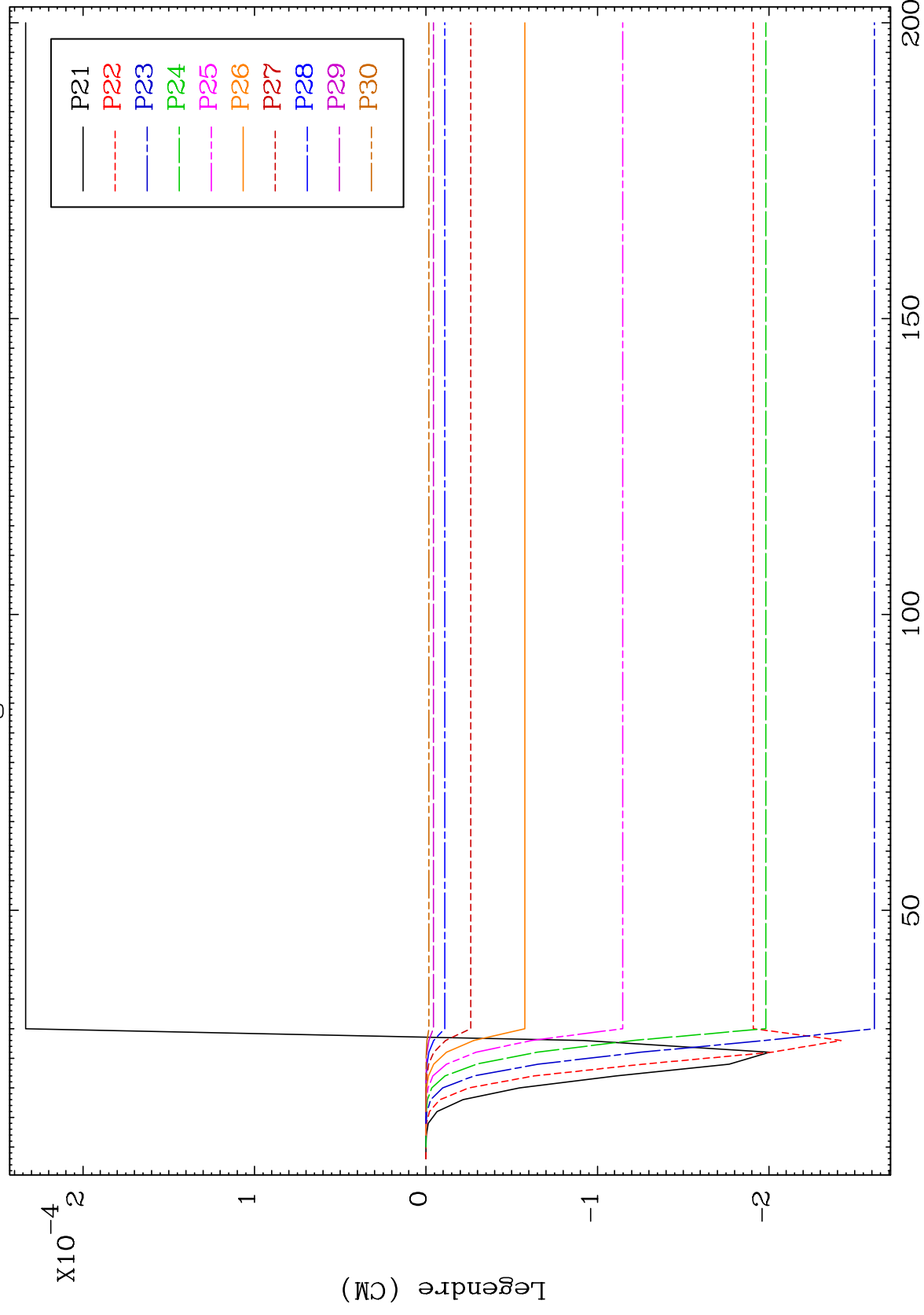
78-Pt-200



MAT 7855

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

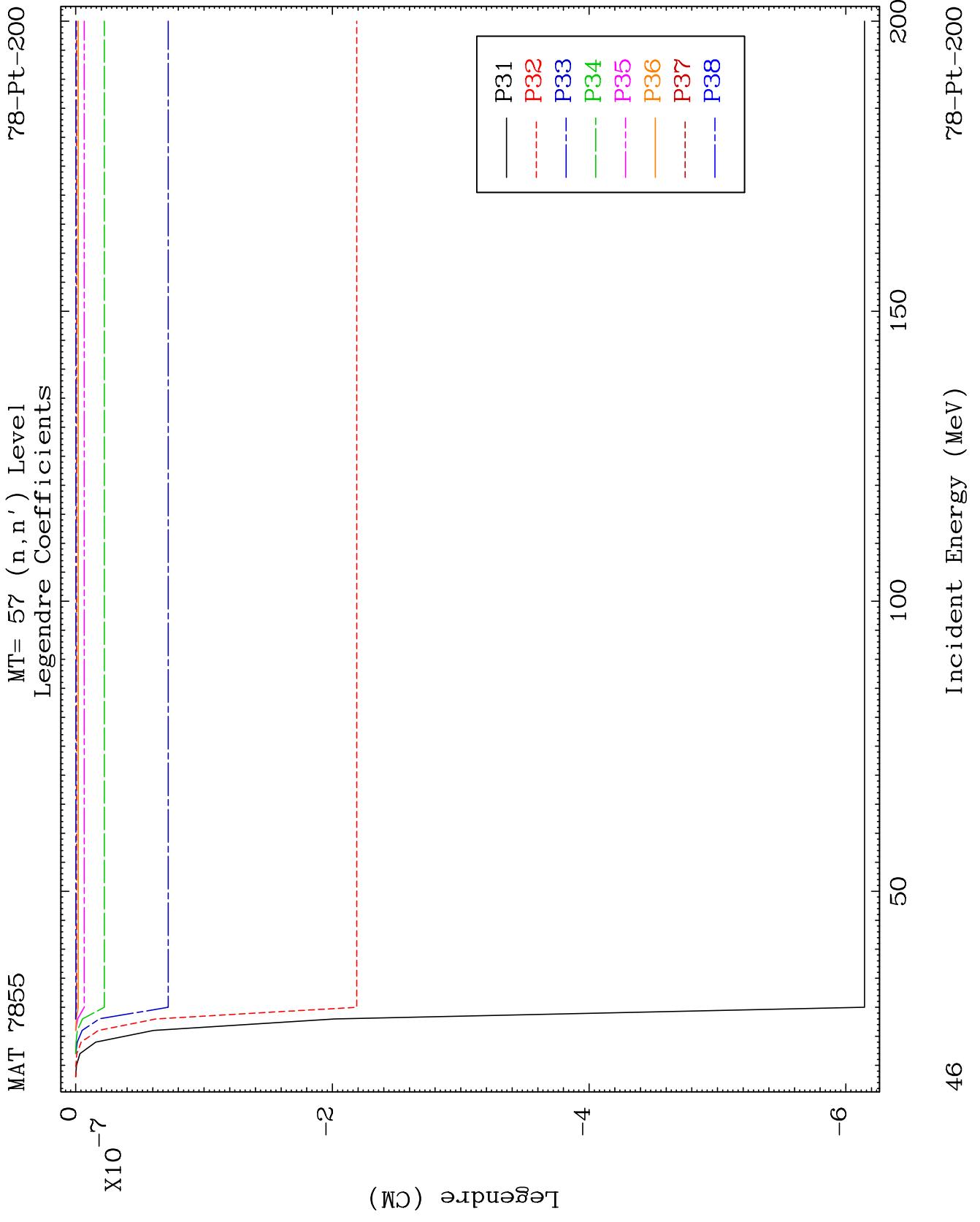
78-Pt-200

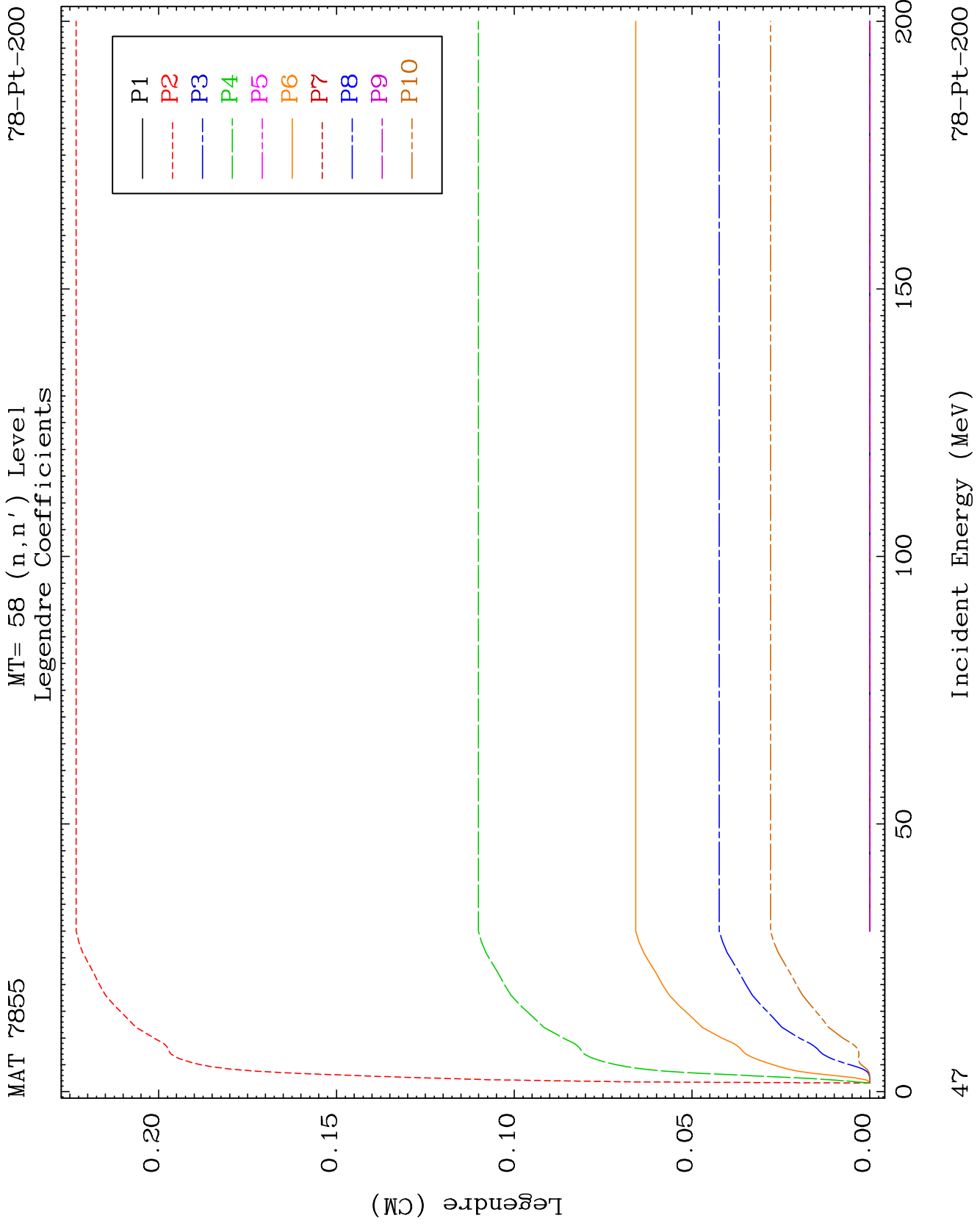


45

Incident Energy (MeV)

78-Pt-200

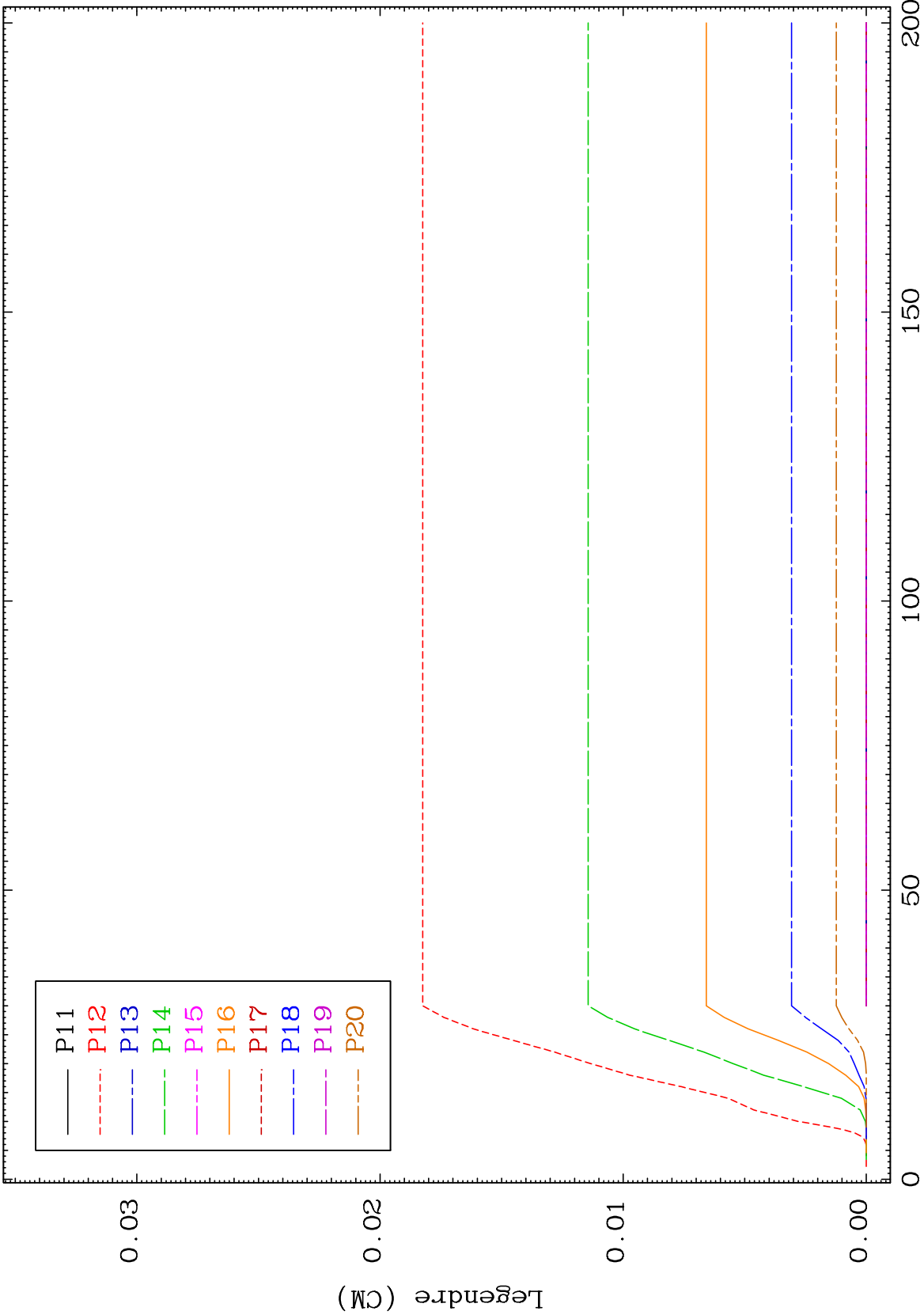




MAT 78555

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

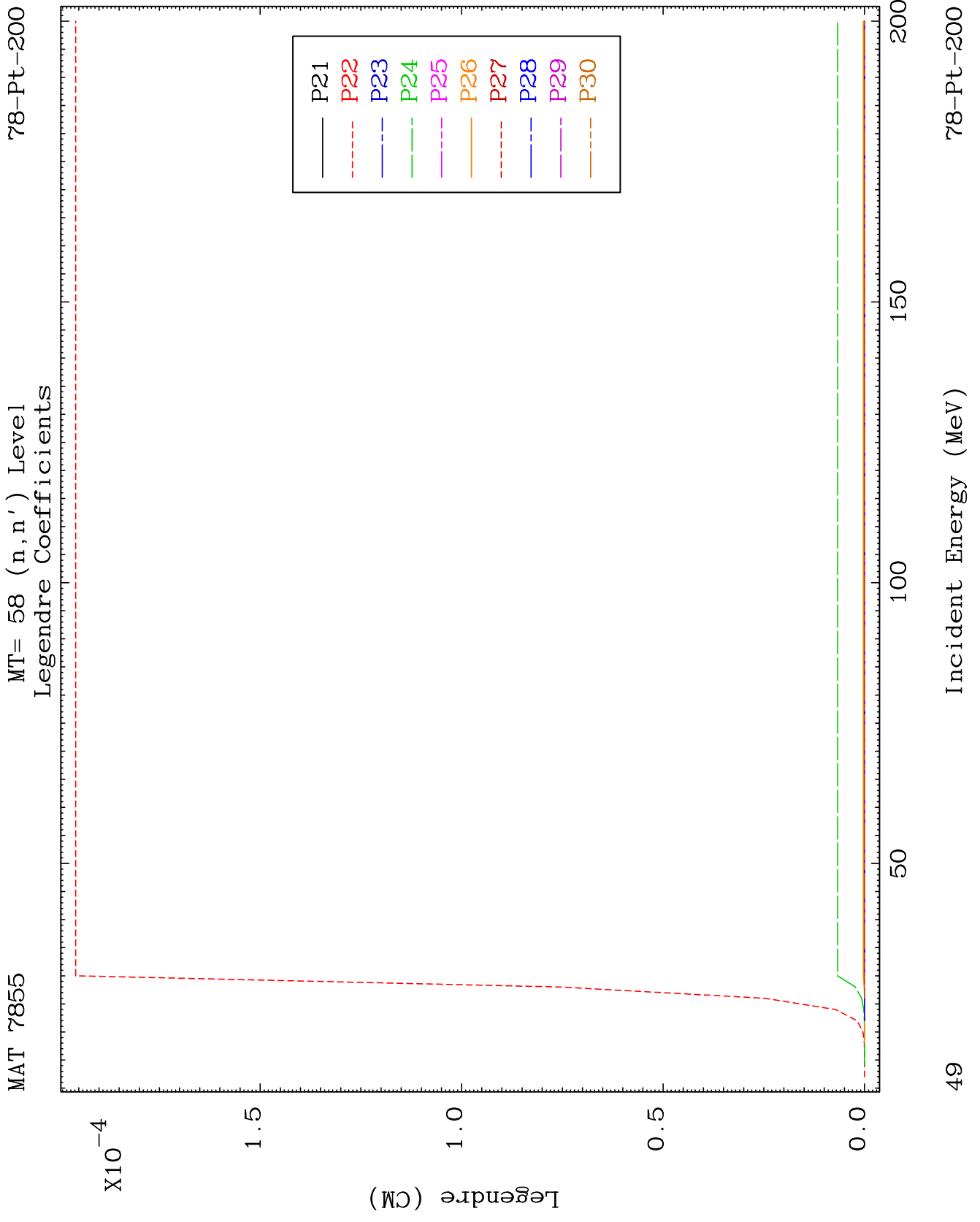
78-Pt-200

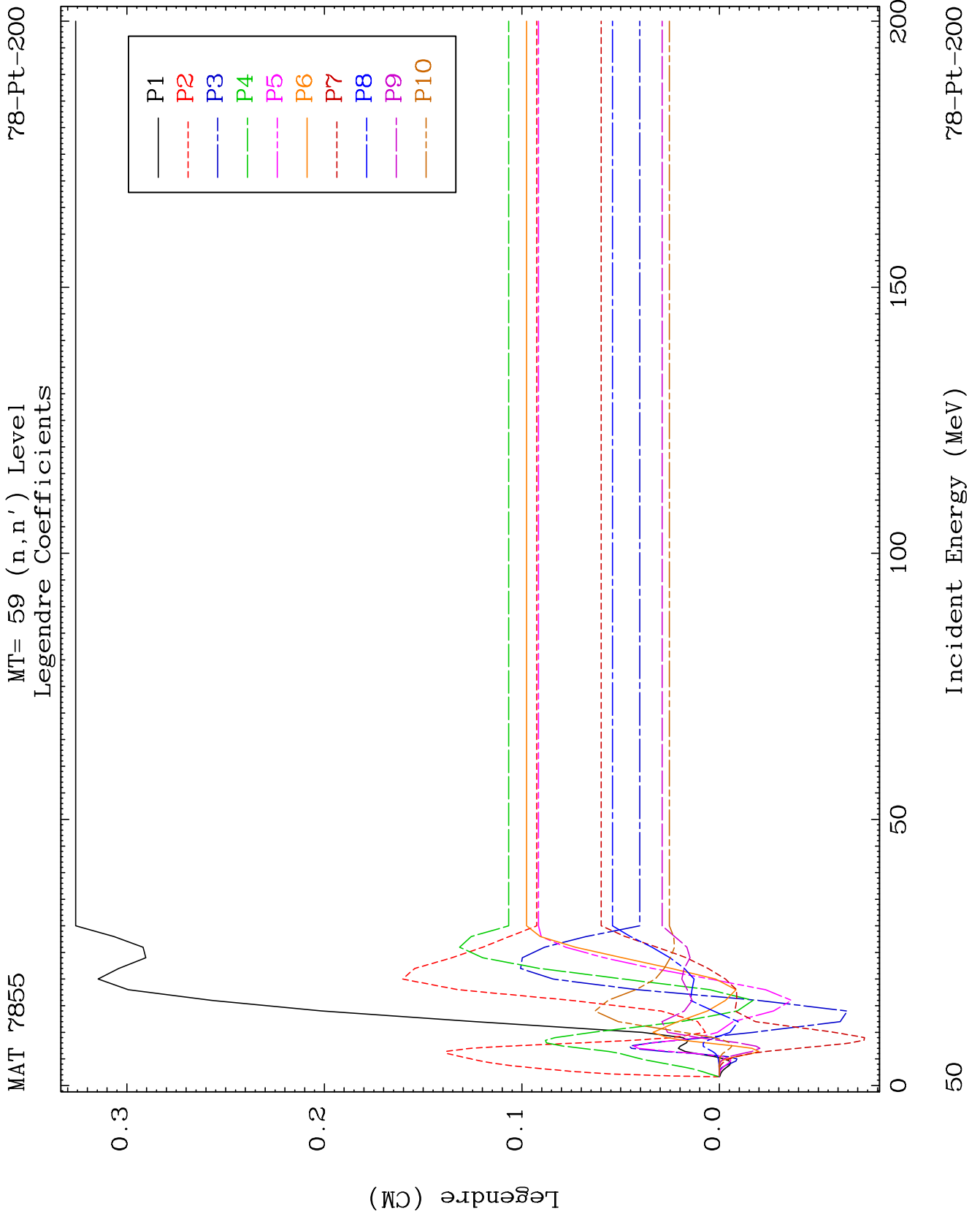


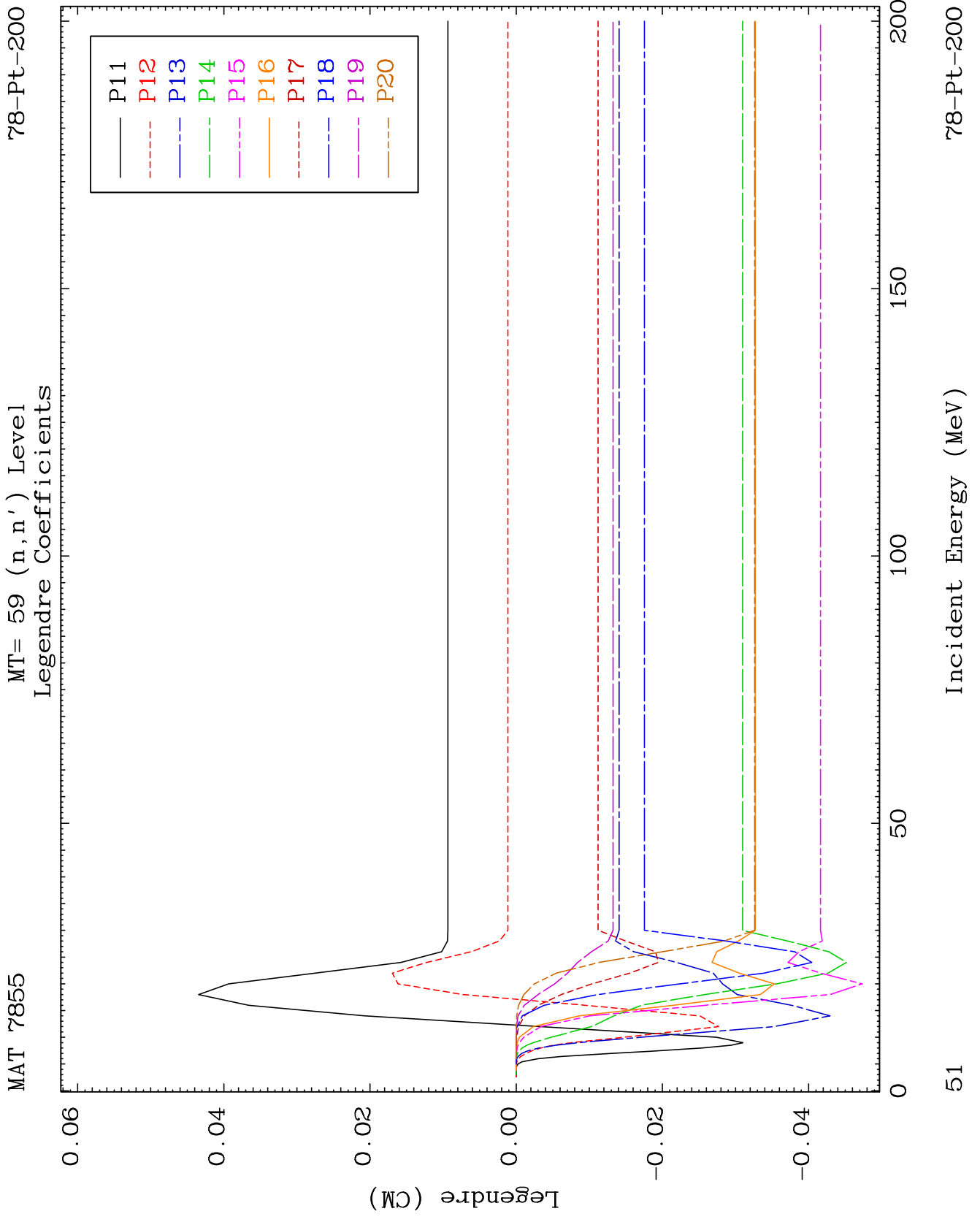
48

Incident Energy (MeV)

78-Pt-200



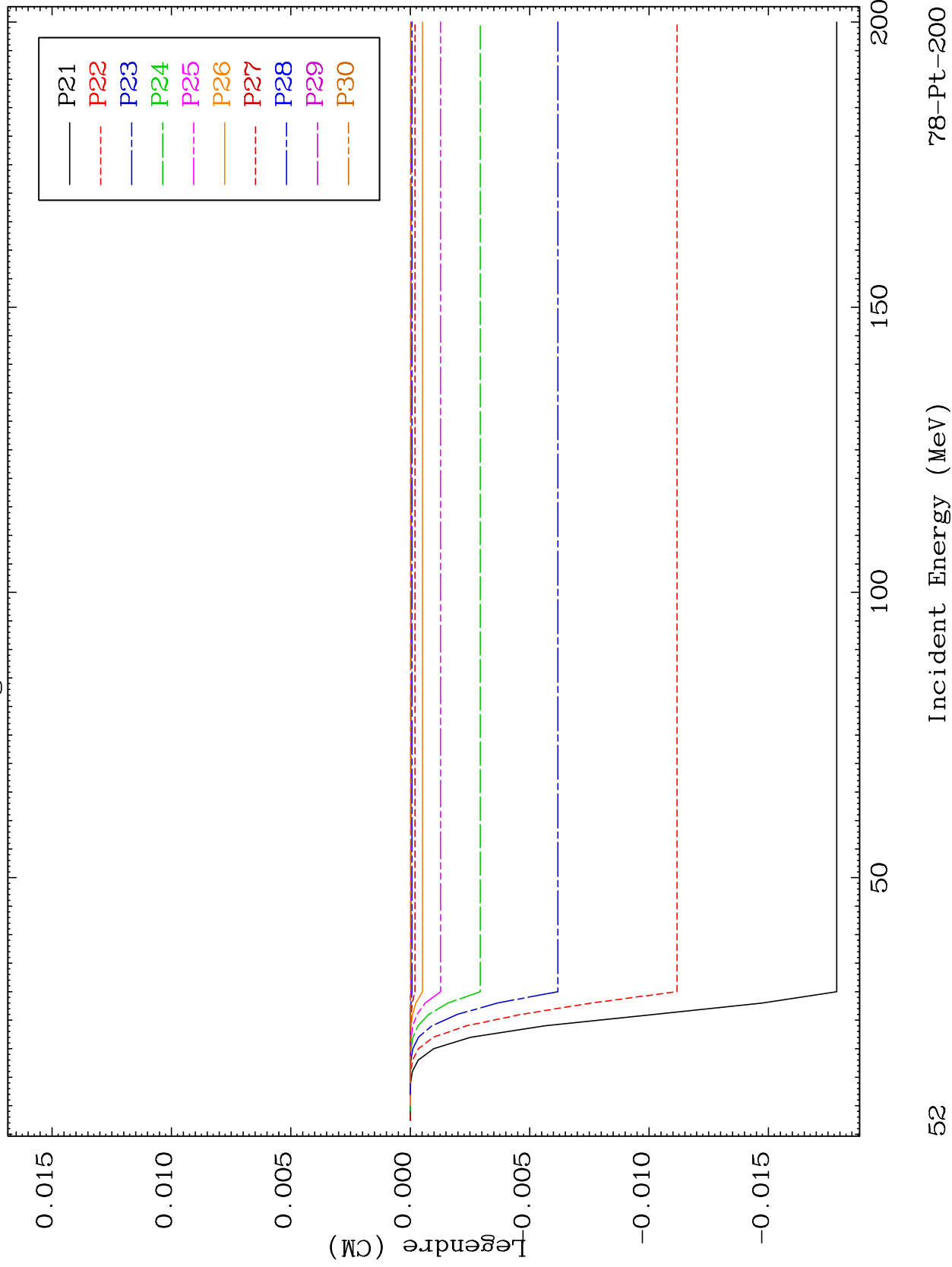




MAT 7855

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

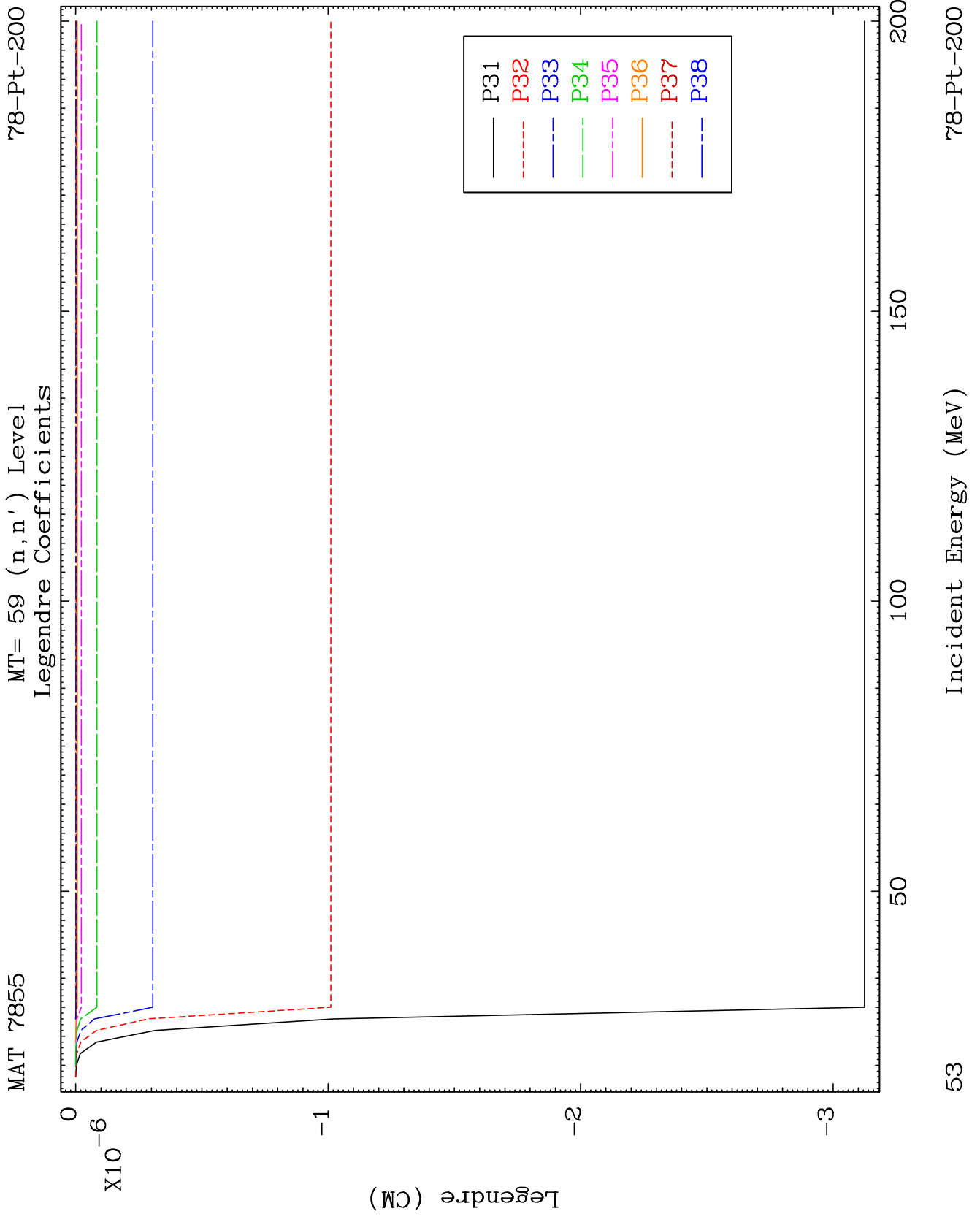
78-Pt-200



52

Incident Energy (MeV)

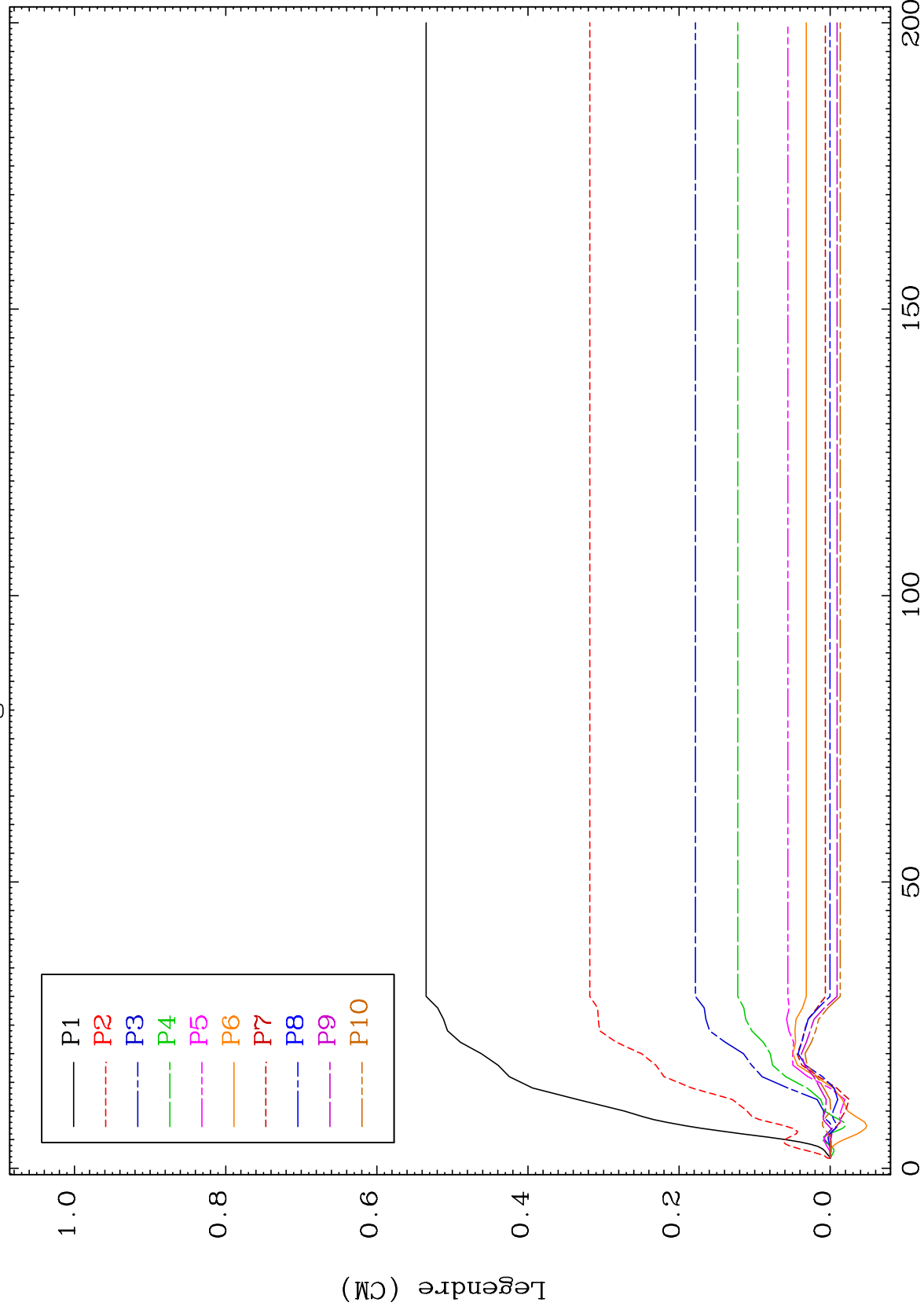
78-Pt-200



MAT 7855

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

78-Pt-200



54

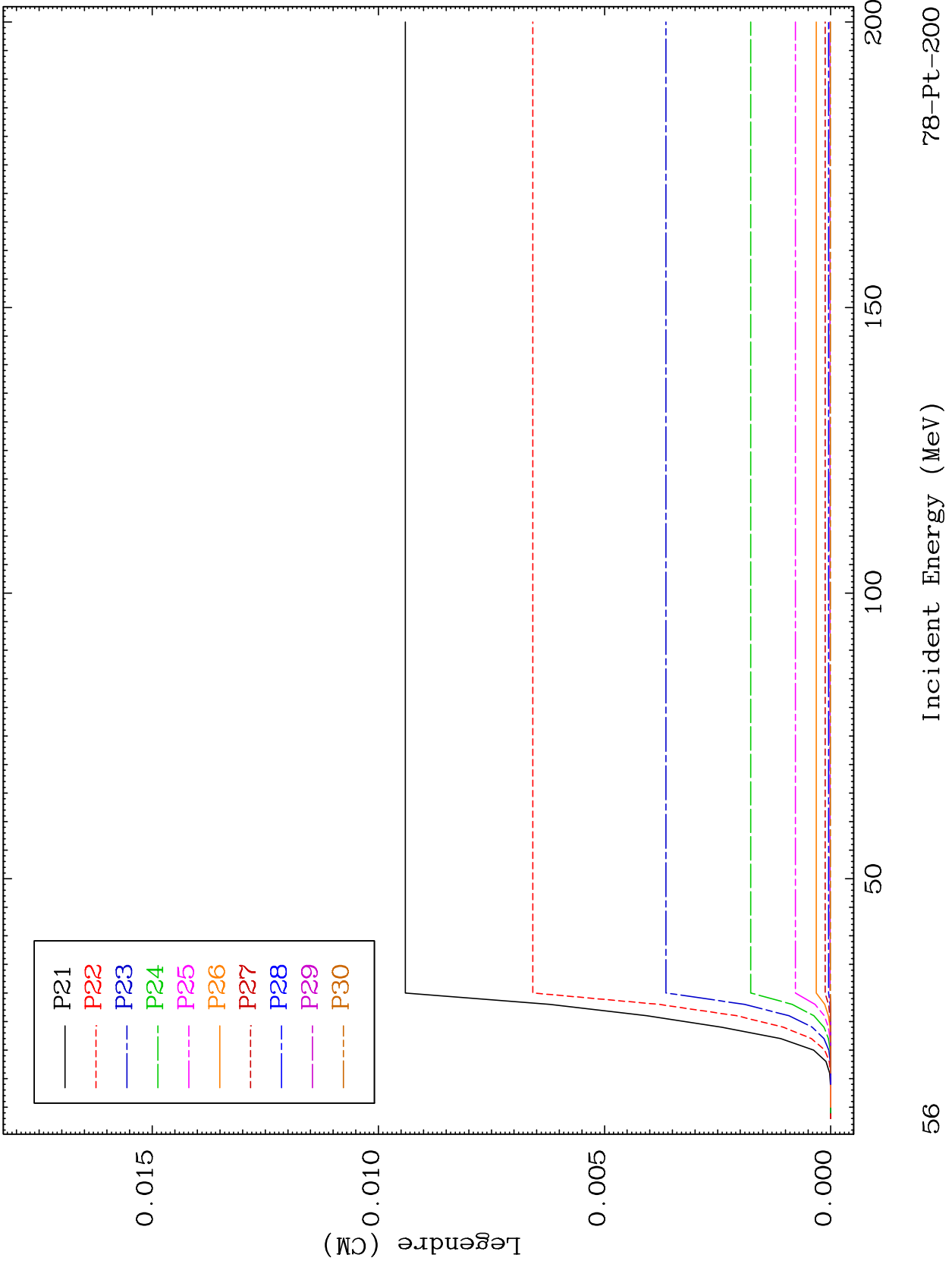
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



56

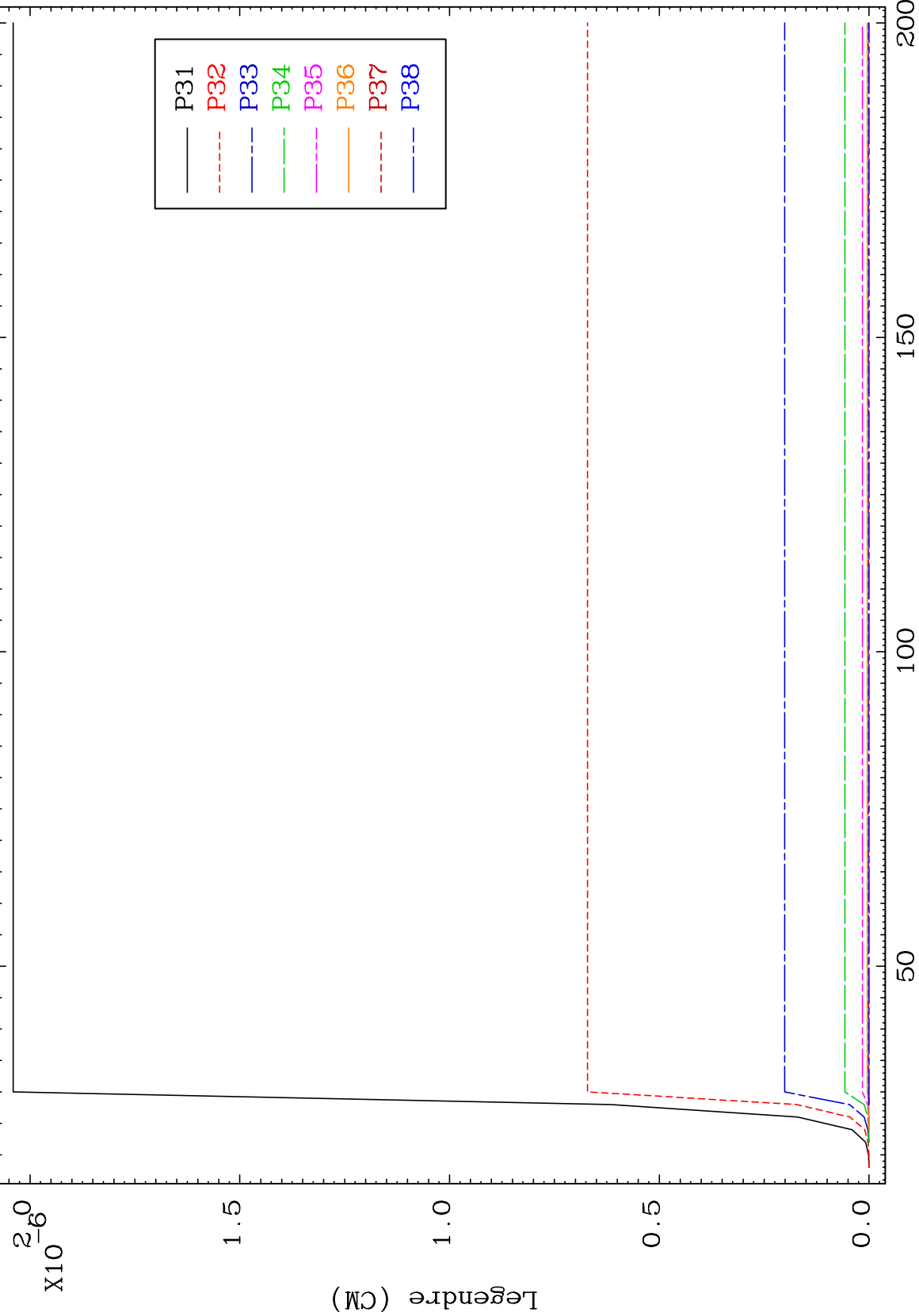
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



57

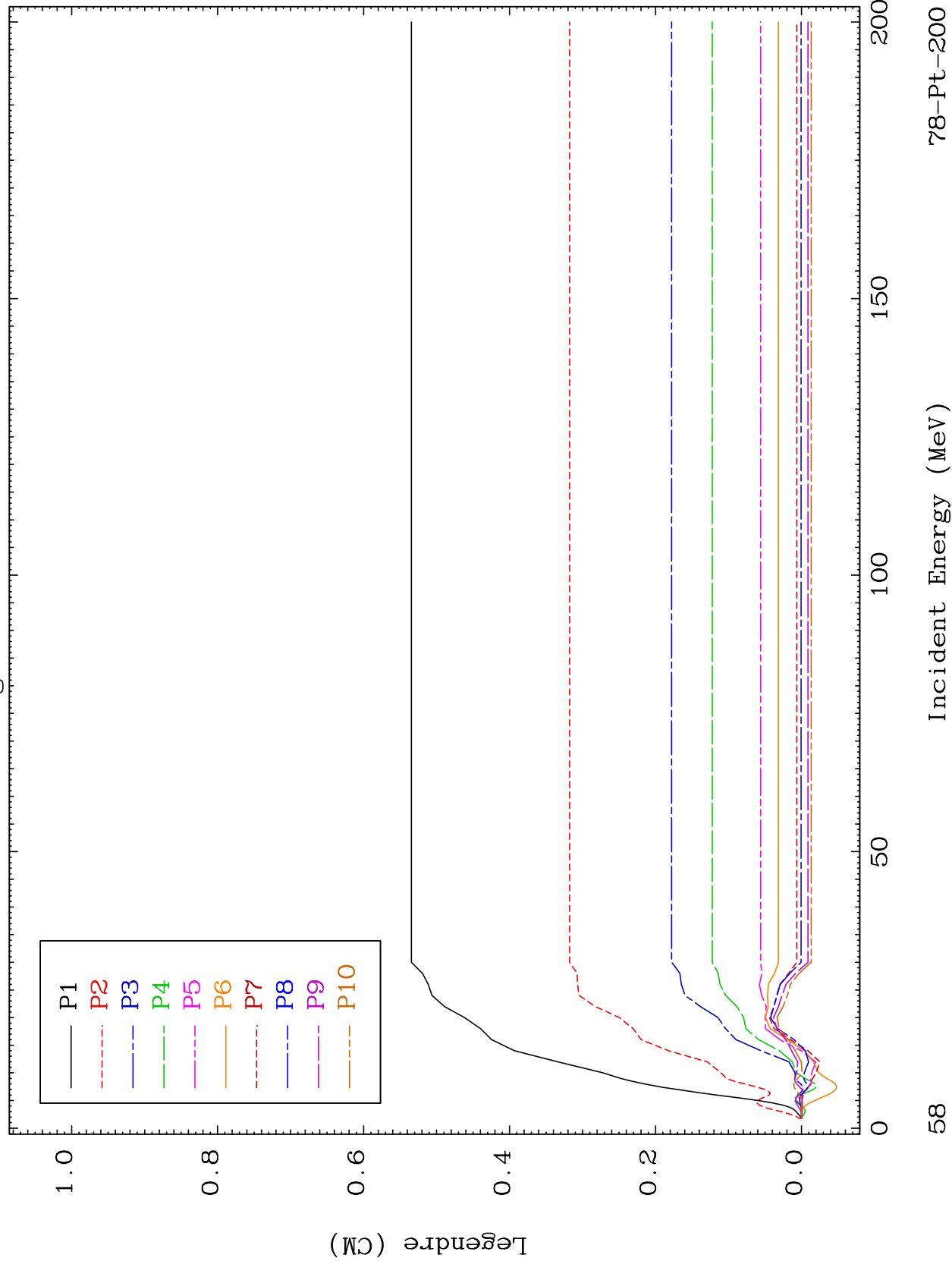
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



58

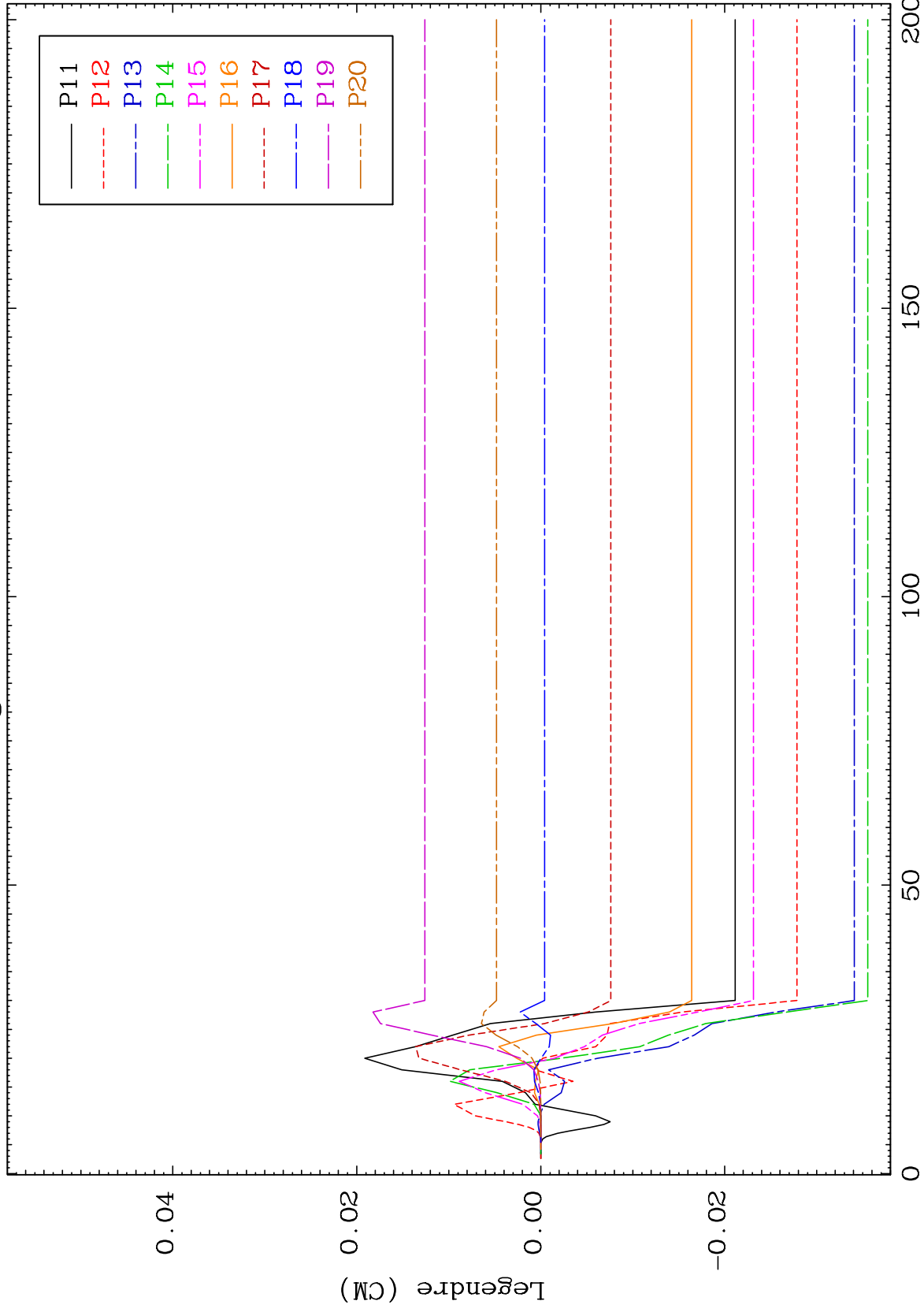
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

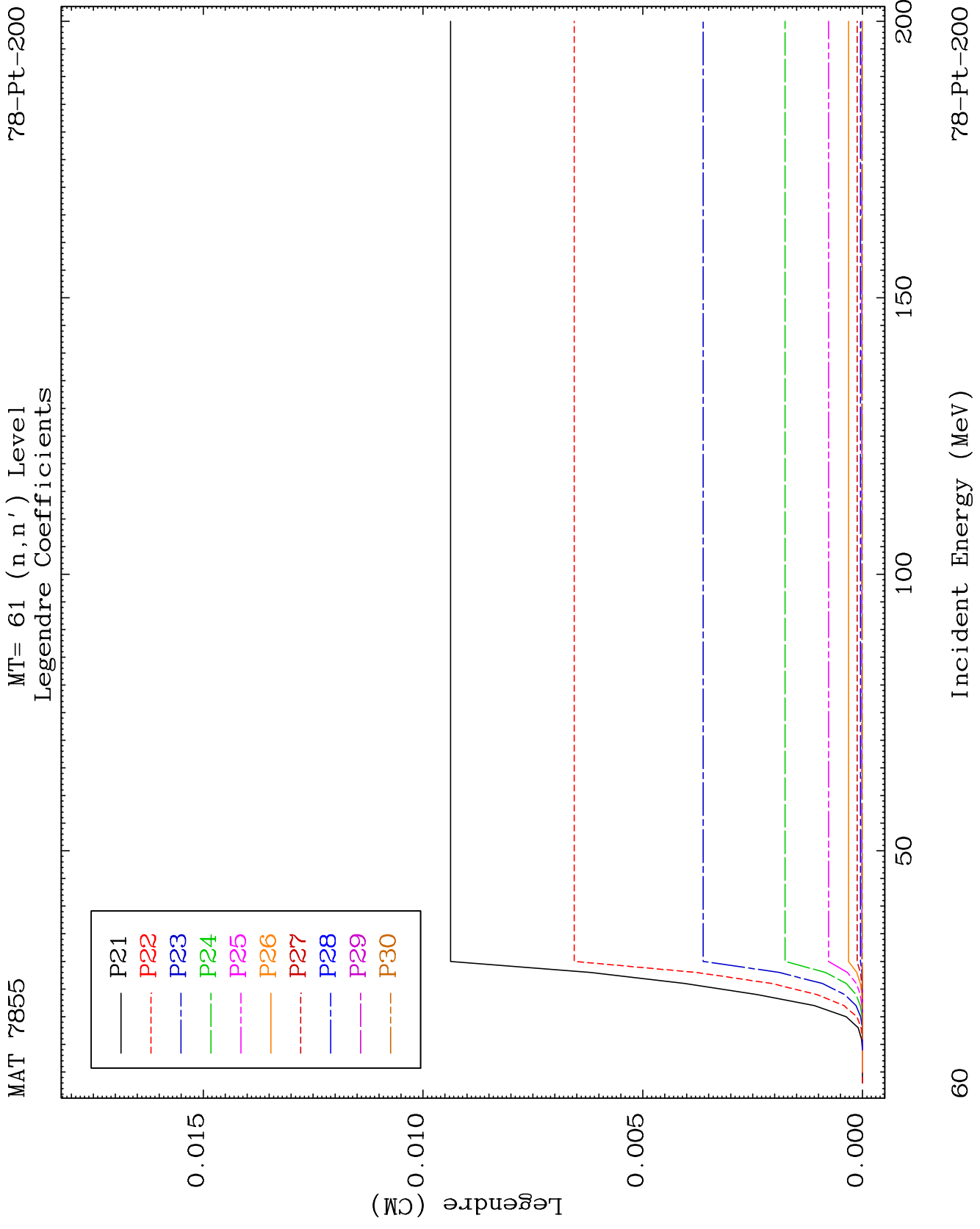
78-Pt-200



59

Incident Energy (MeV)

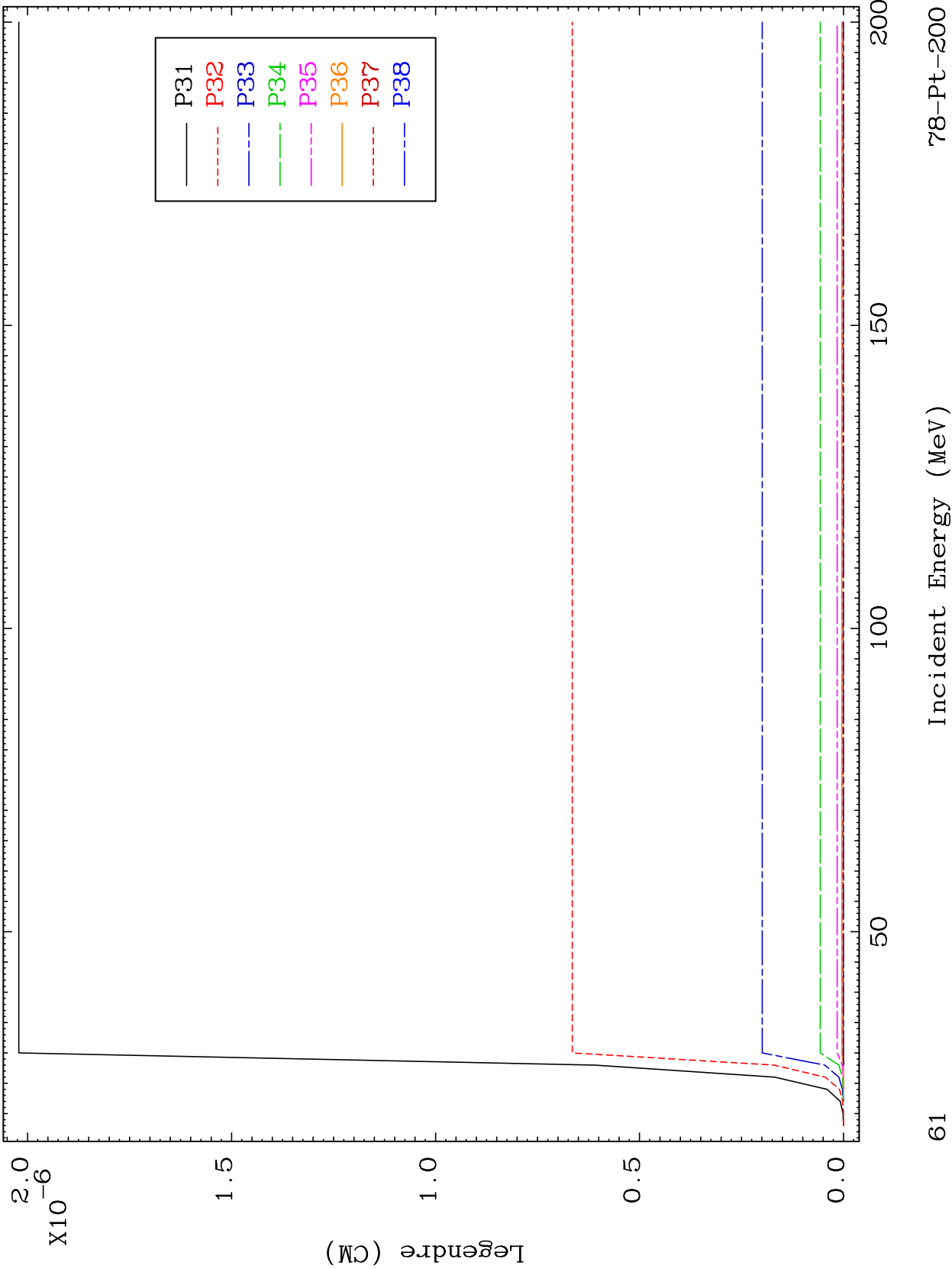
78-Pt-200



MAT 7855

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

78-Pt-200



61

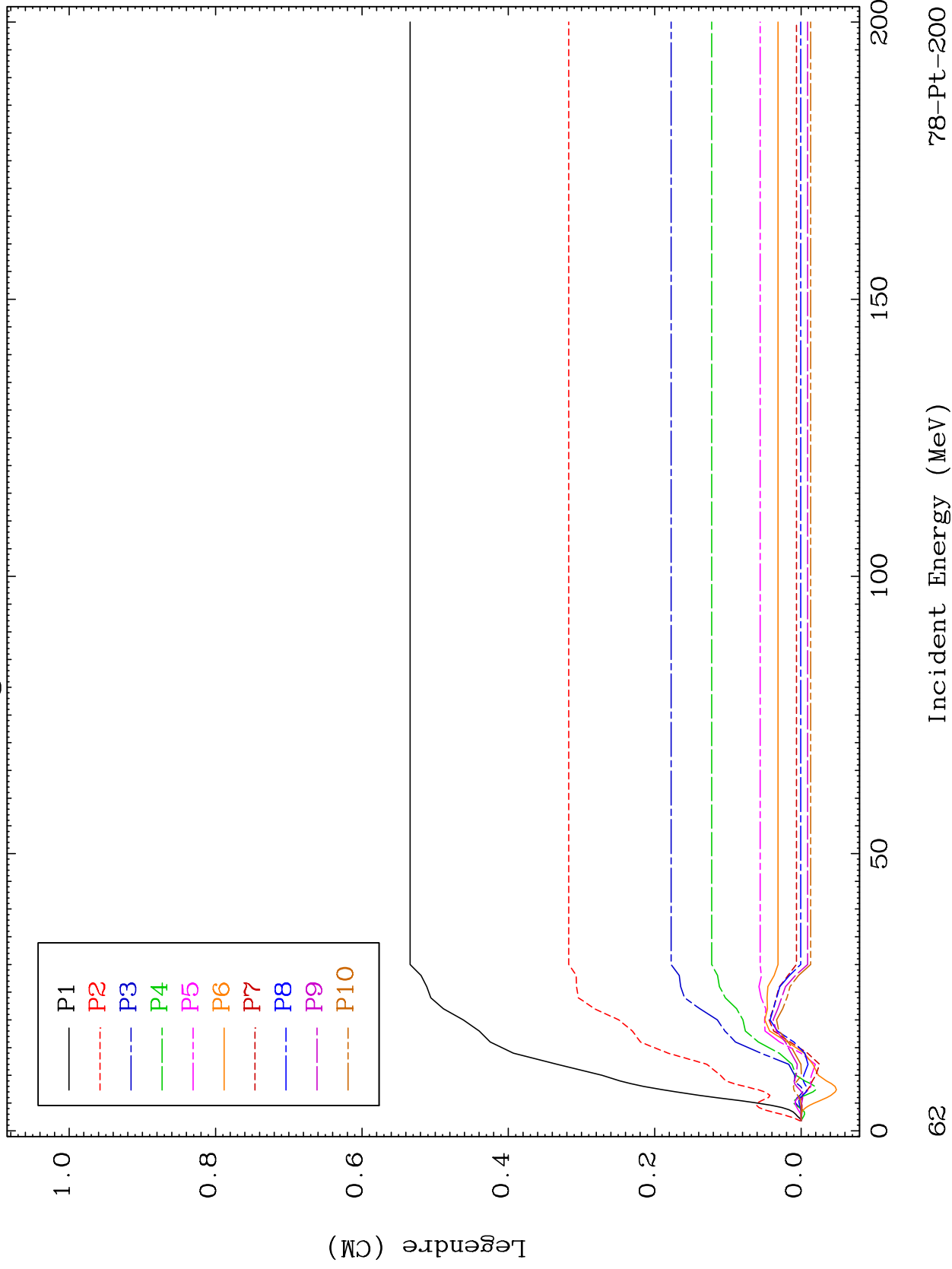
Incident Energy (MeV)

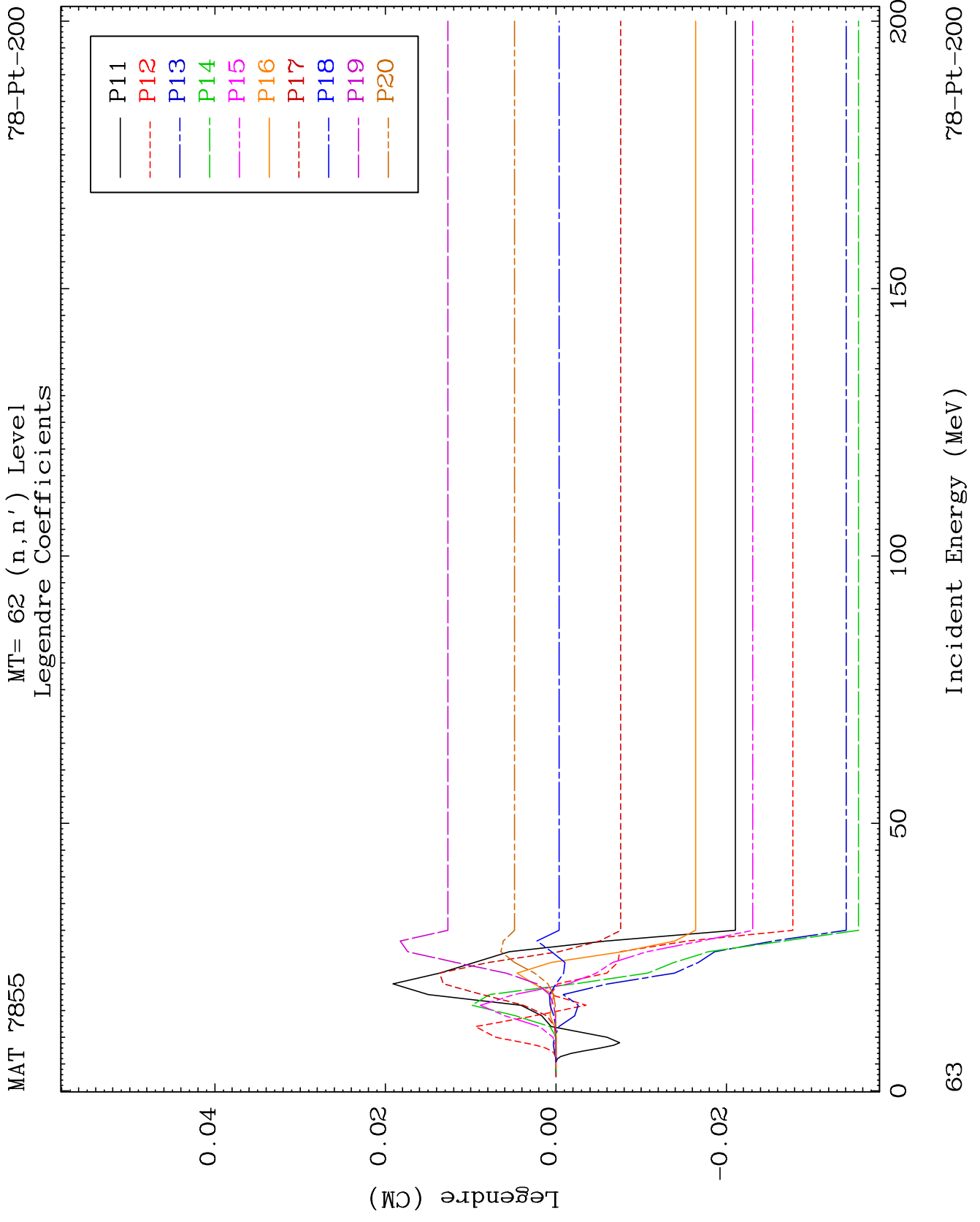
78-Pt-200

MAT 7855

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

78-Pt-200

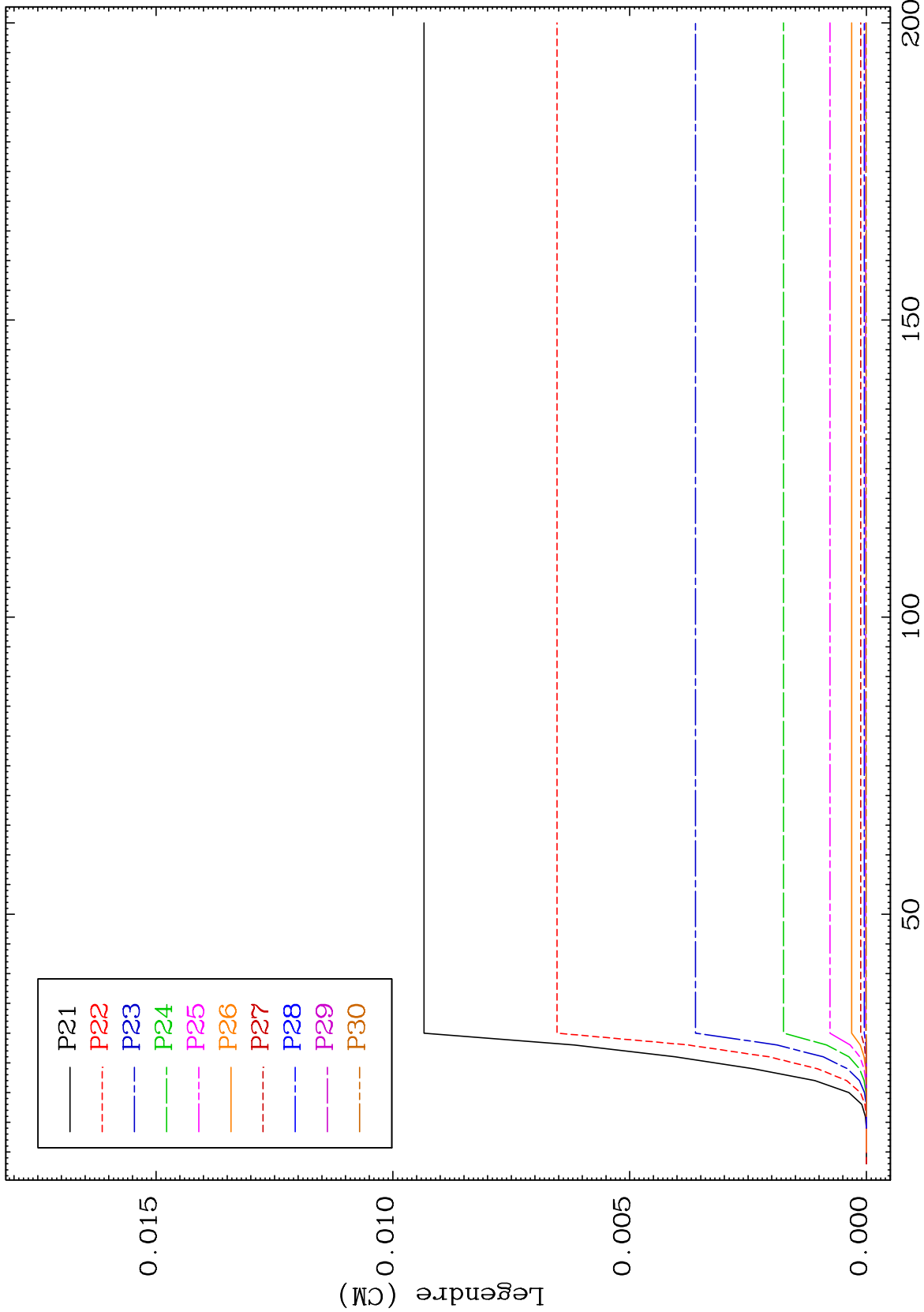




MAT 7855

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

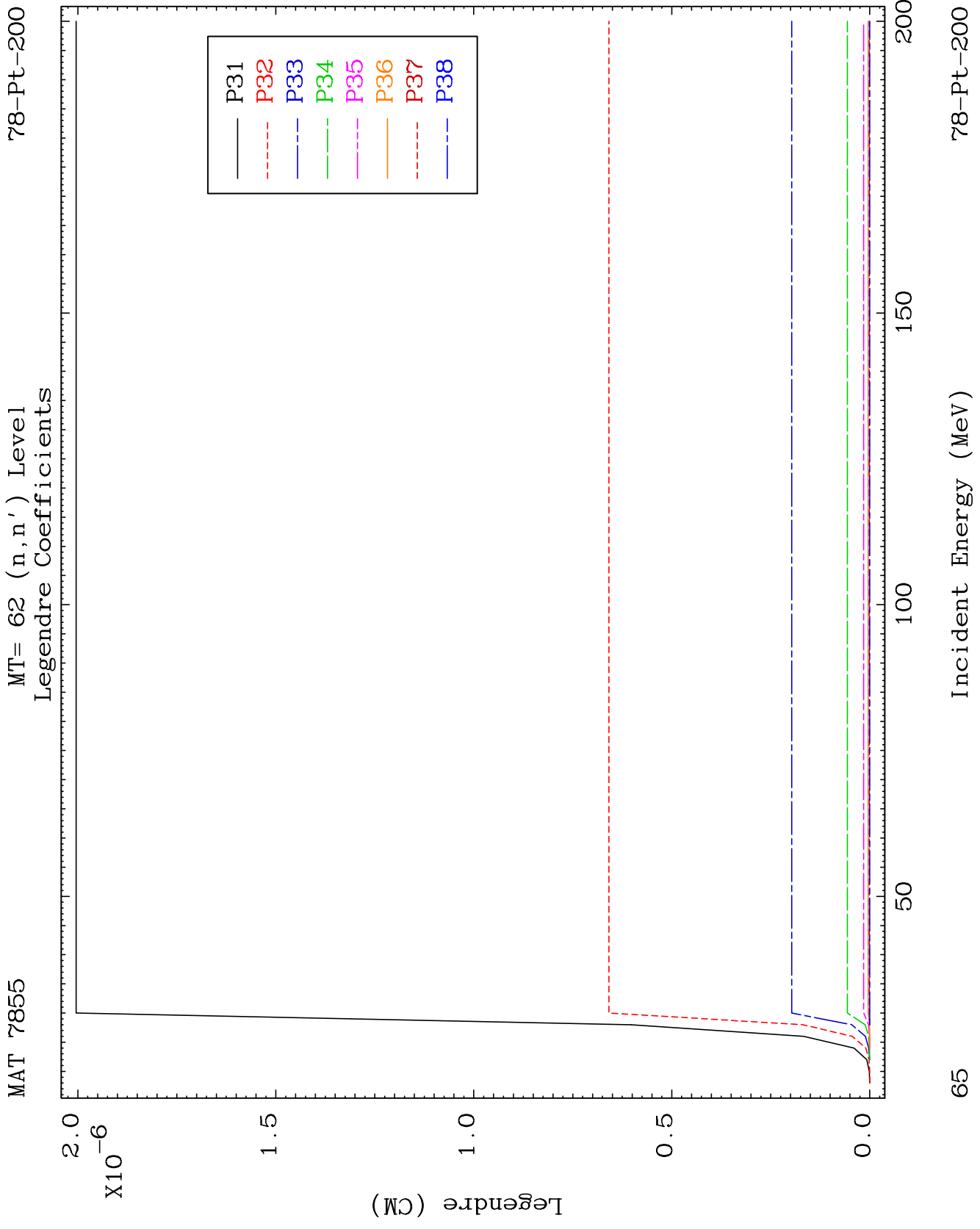
78-Pt-200



64

Incident Energy (MeV)

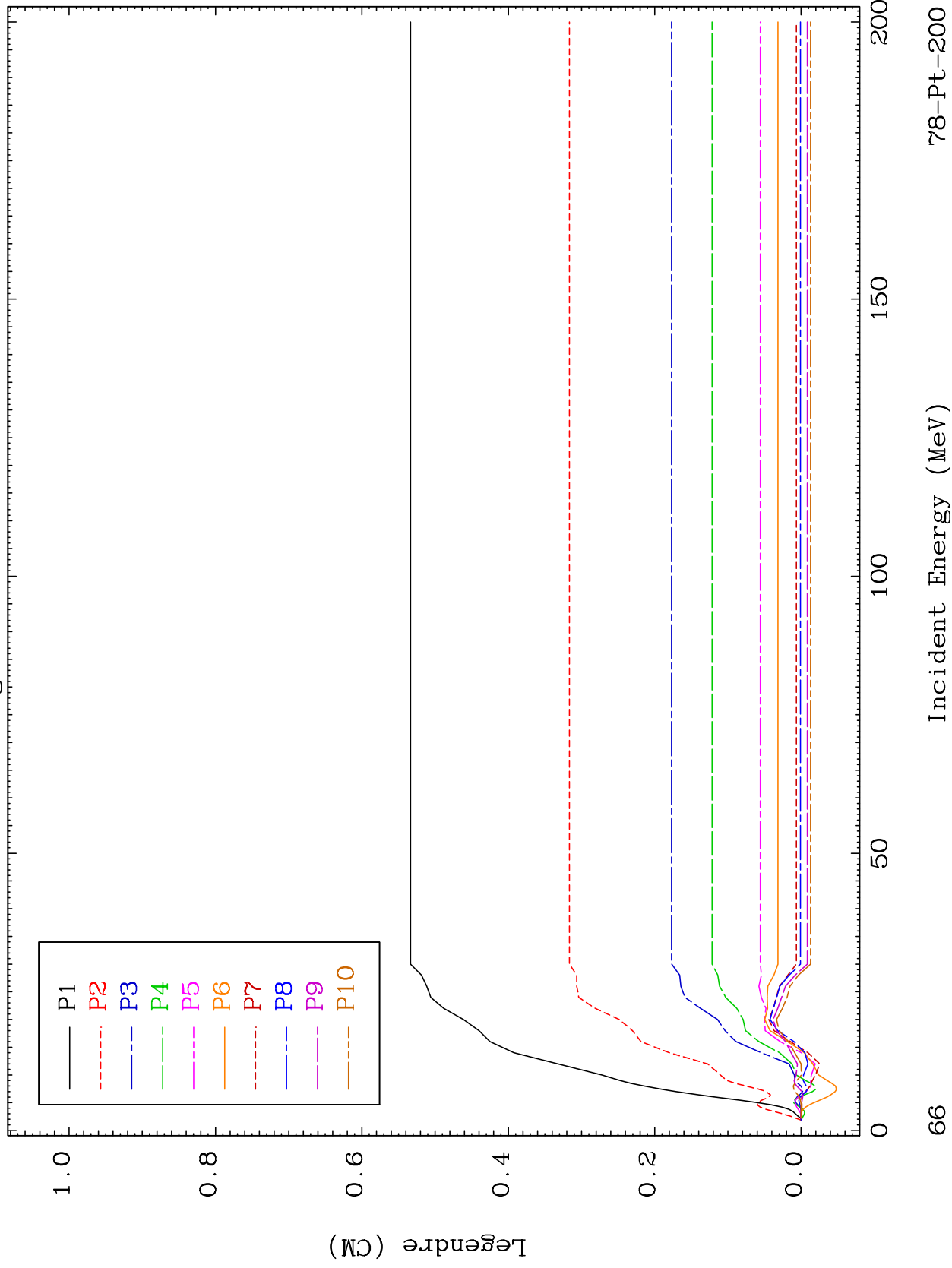
78-Pt-200



MAT 7855

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

78-Pt-200



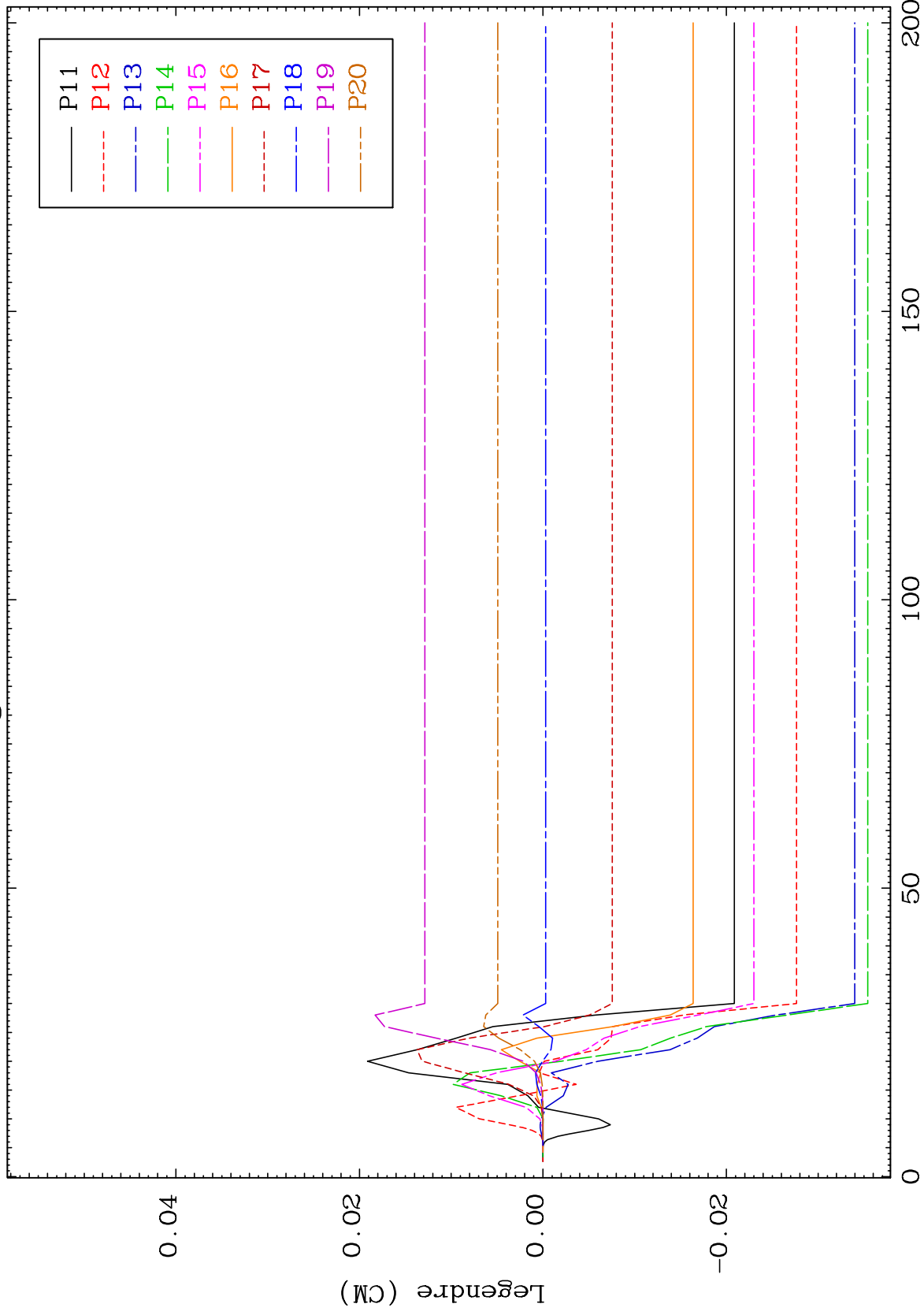
66

78-Pt-200

MAT 7855

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

78-Pt-200



67

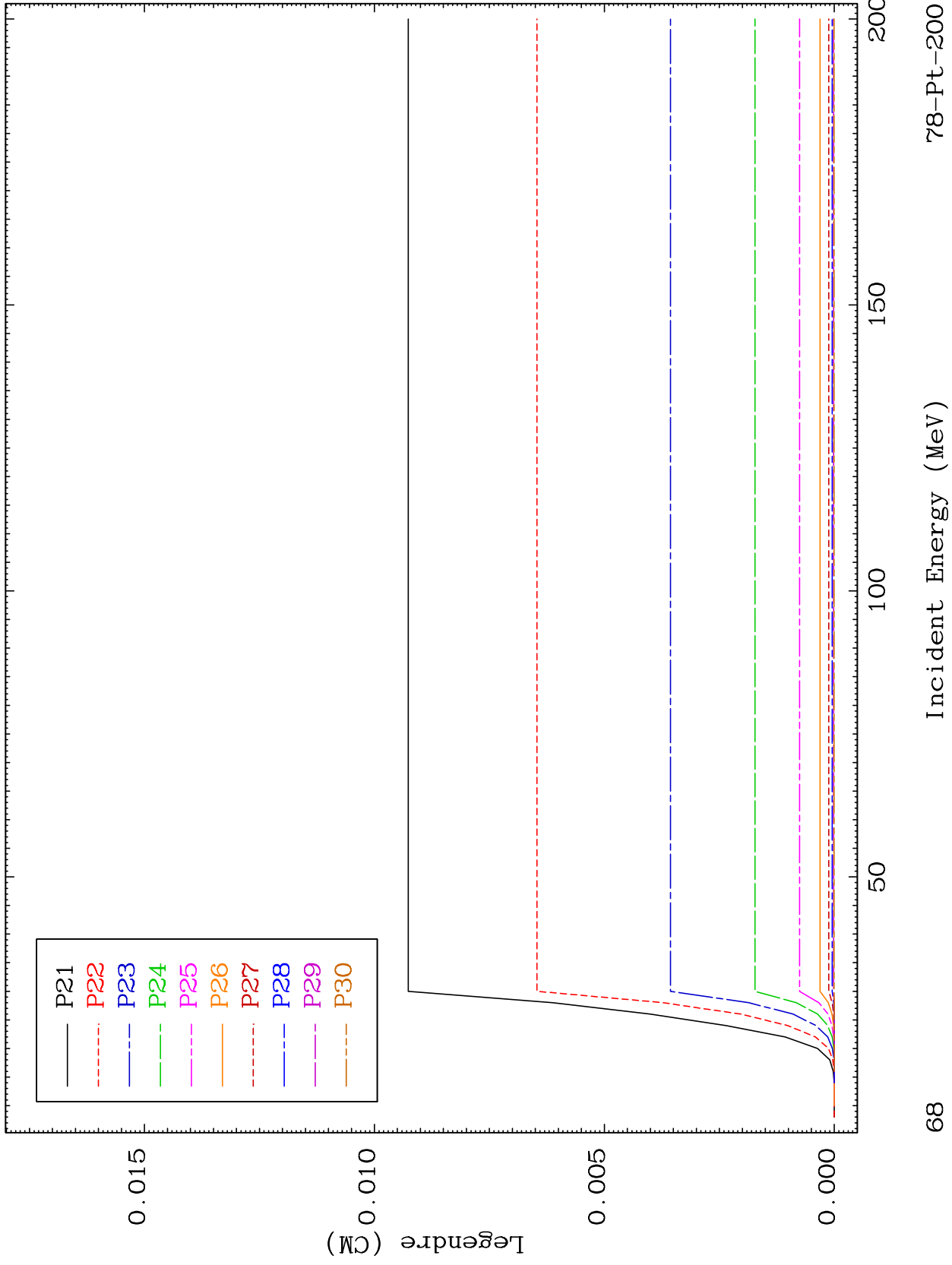
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



68

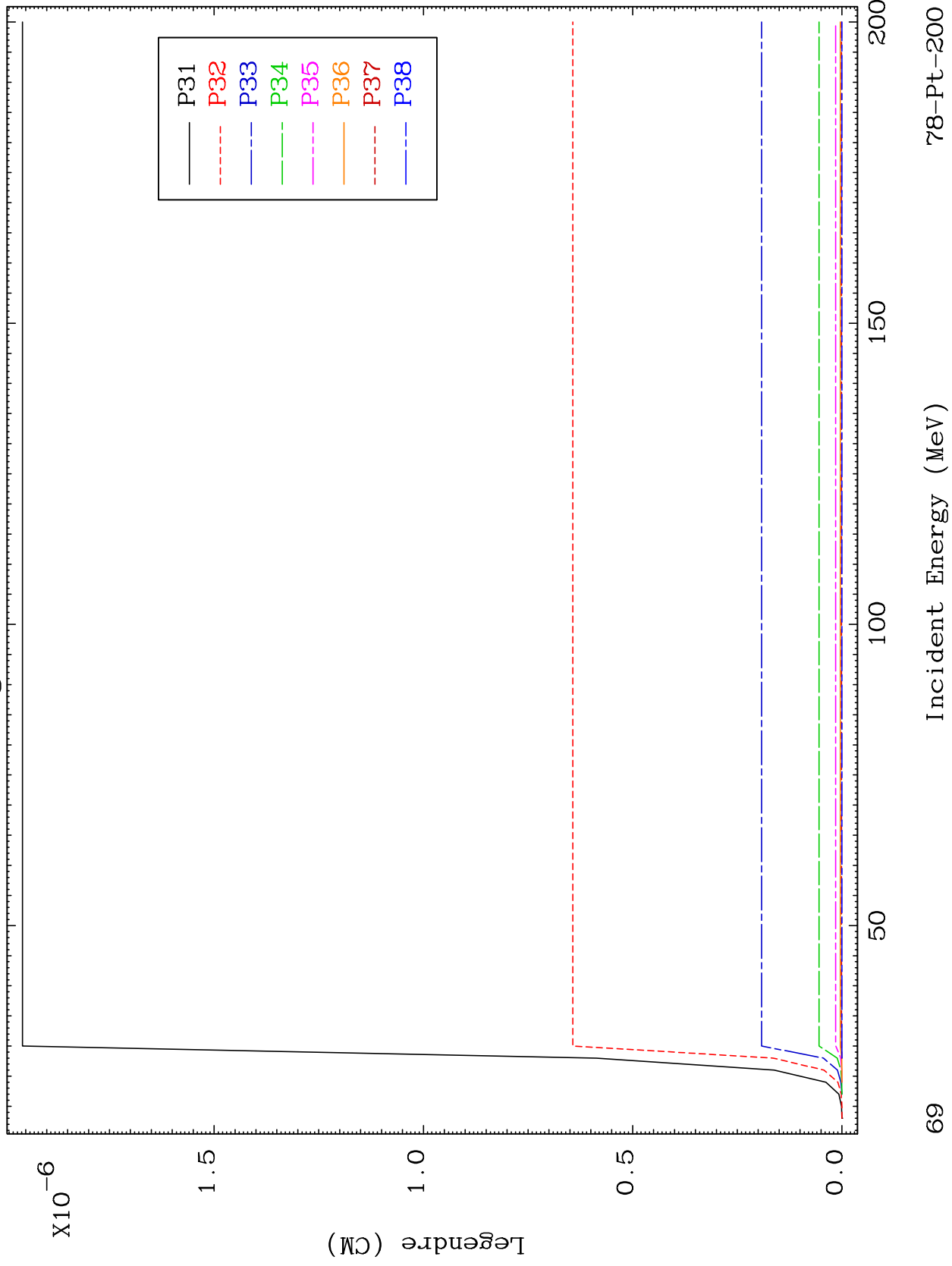
Incident Energy (MeV)

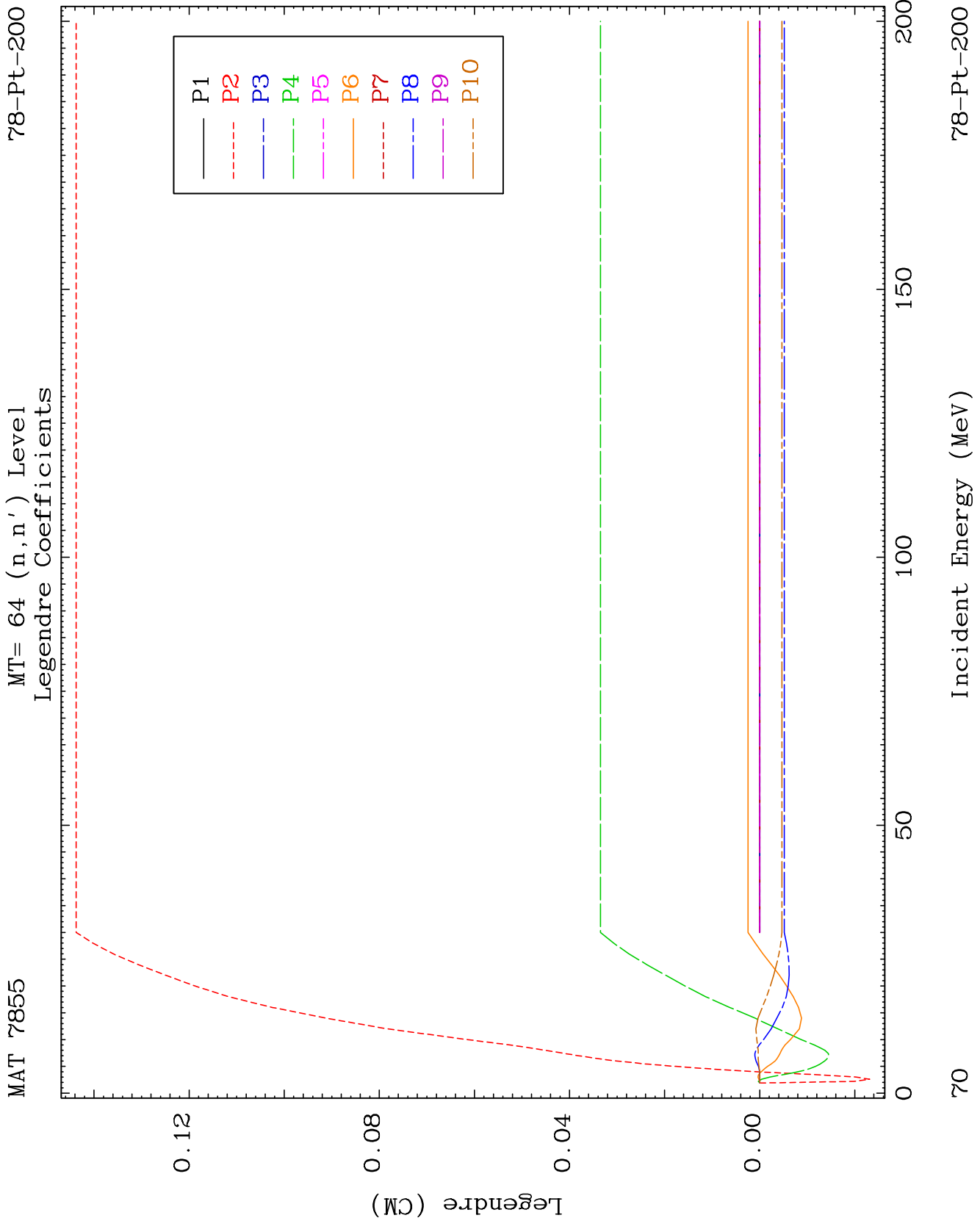
78-Pt-200

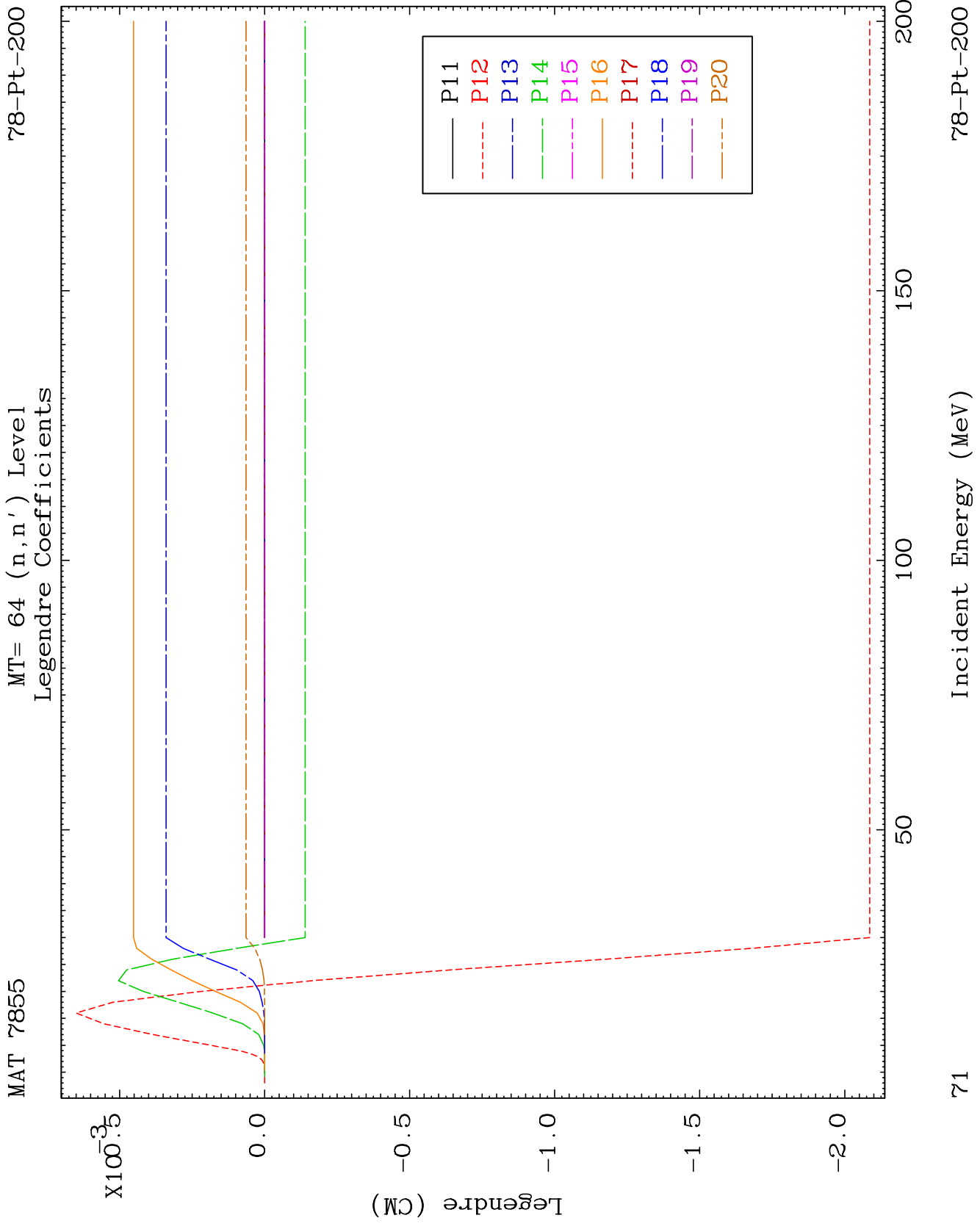
MAT 7855

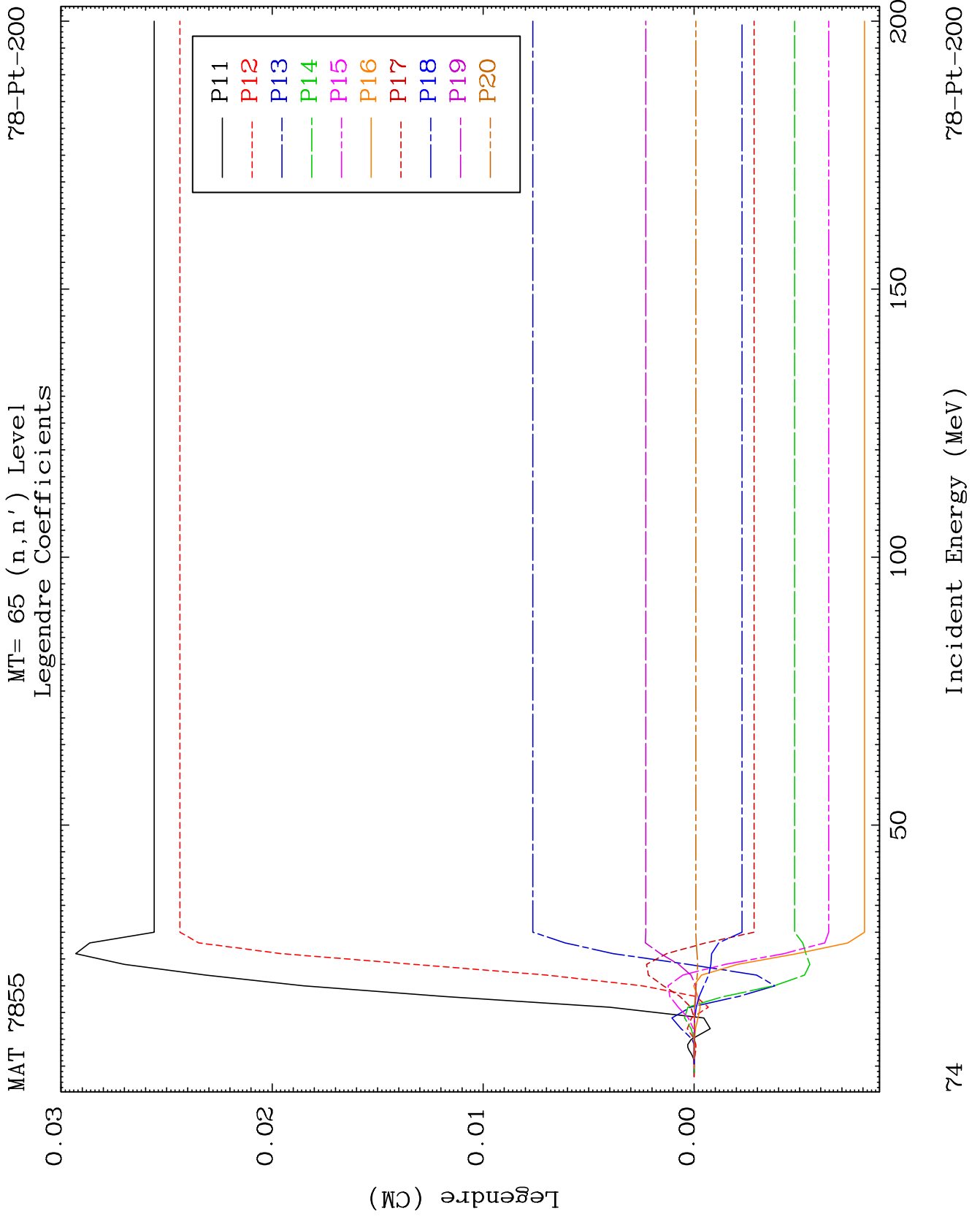
MT= 63 (n,n') Level
Legendre Coefficients

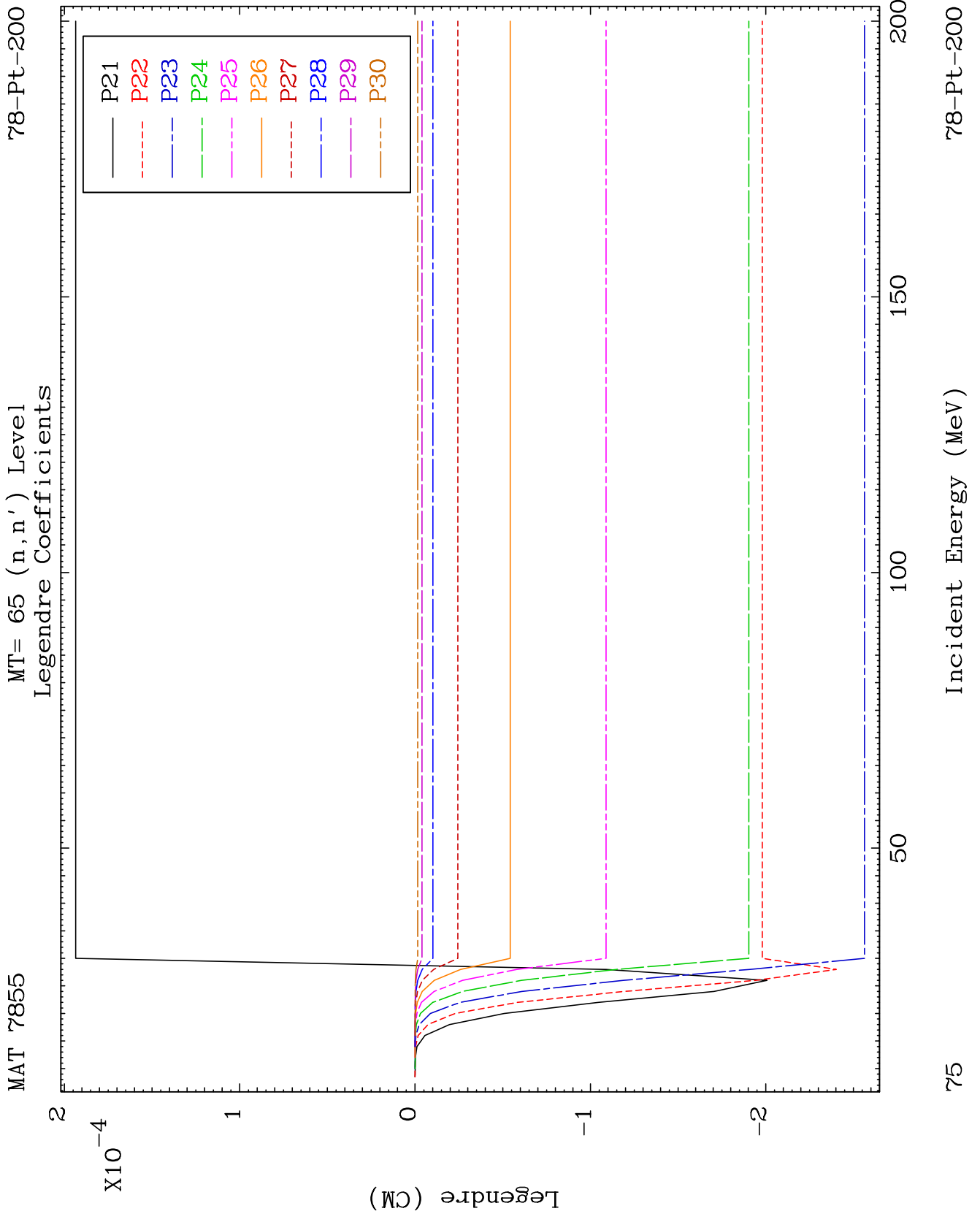
78-Pt-200

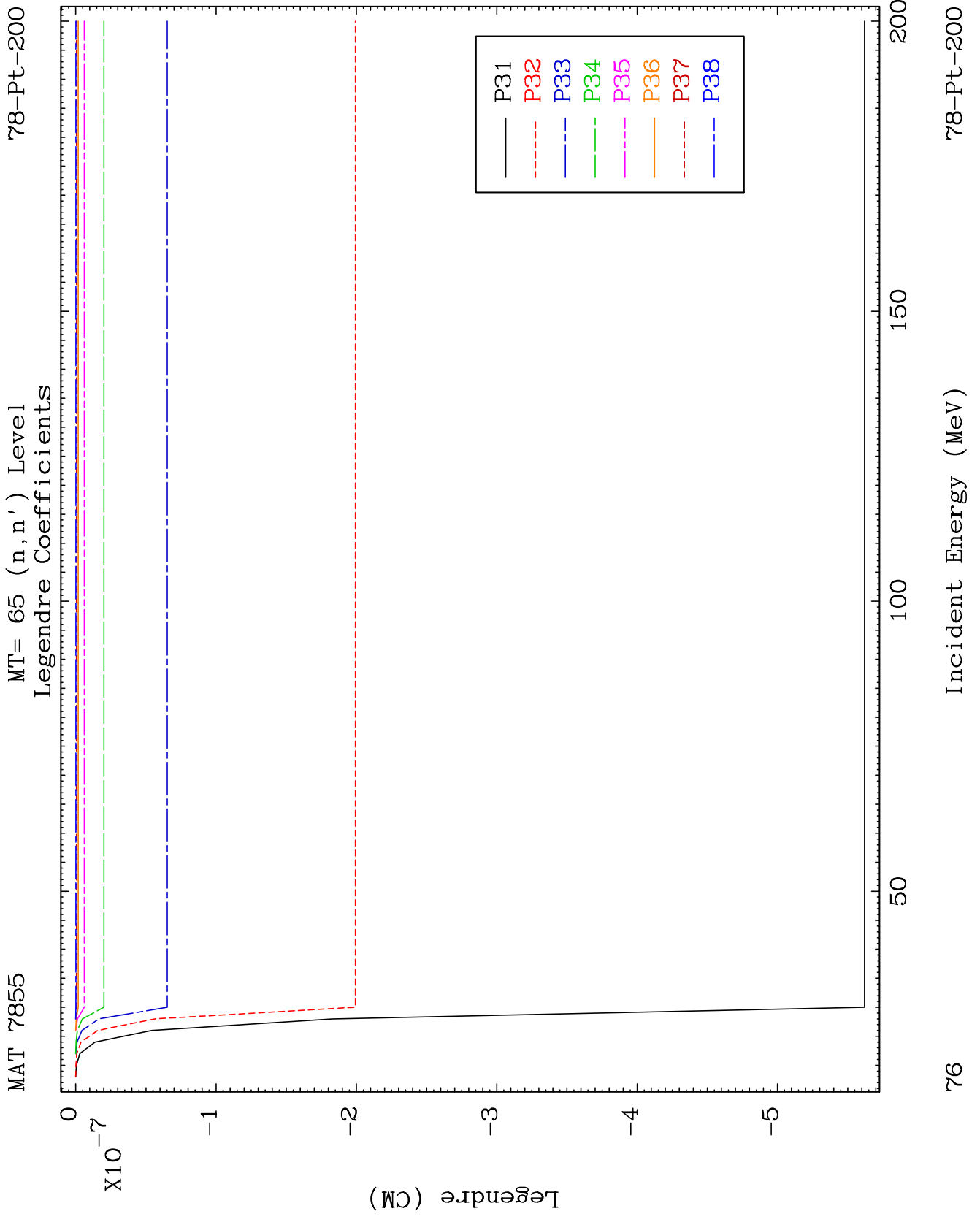








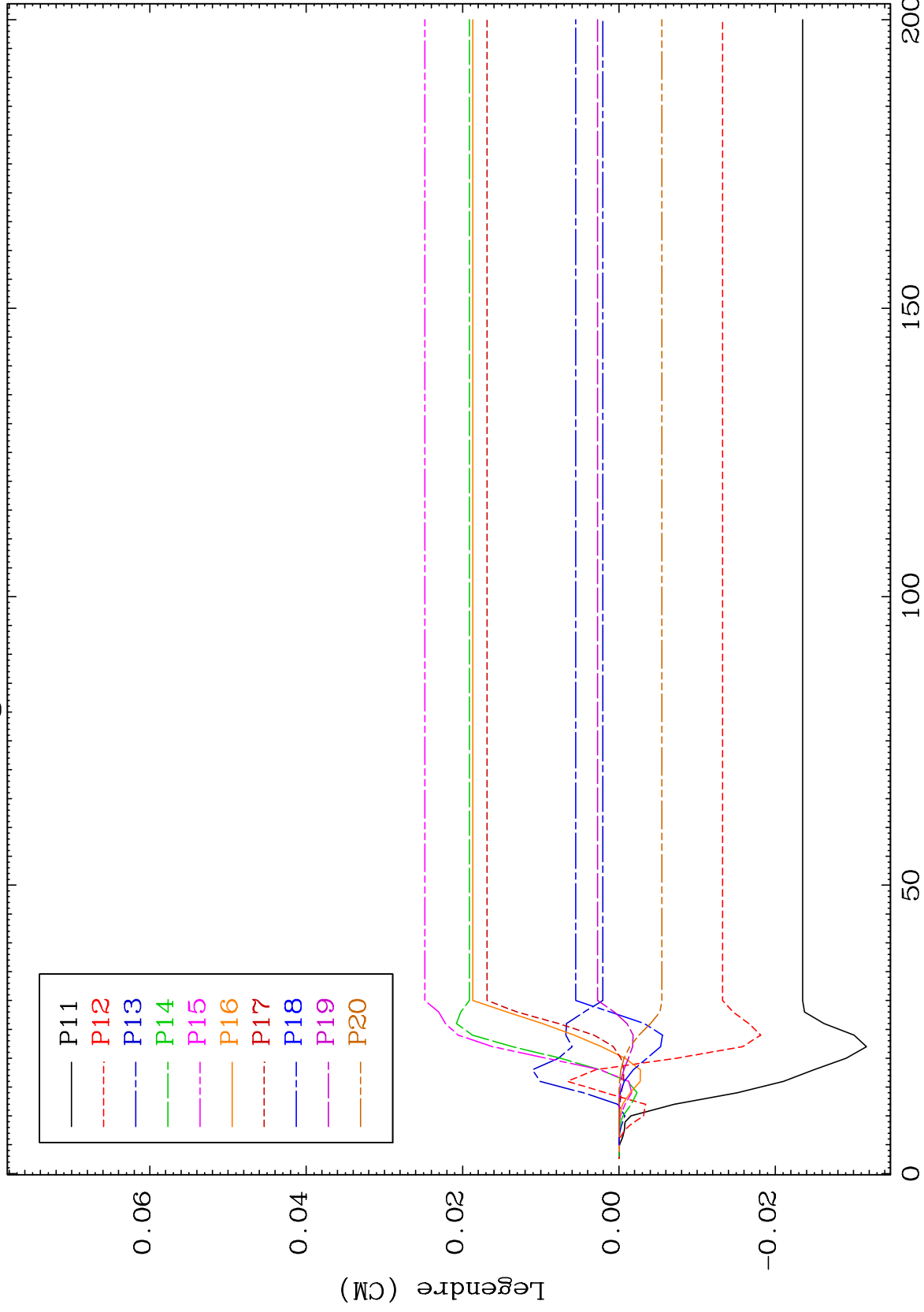




MAT 7855

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

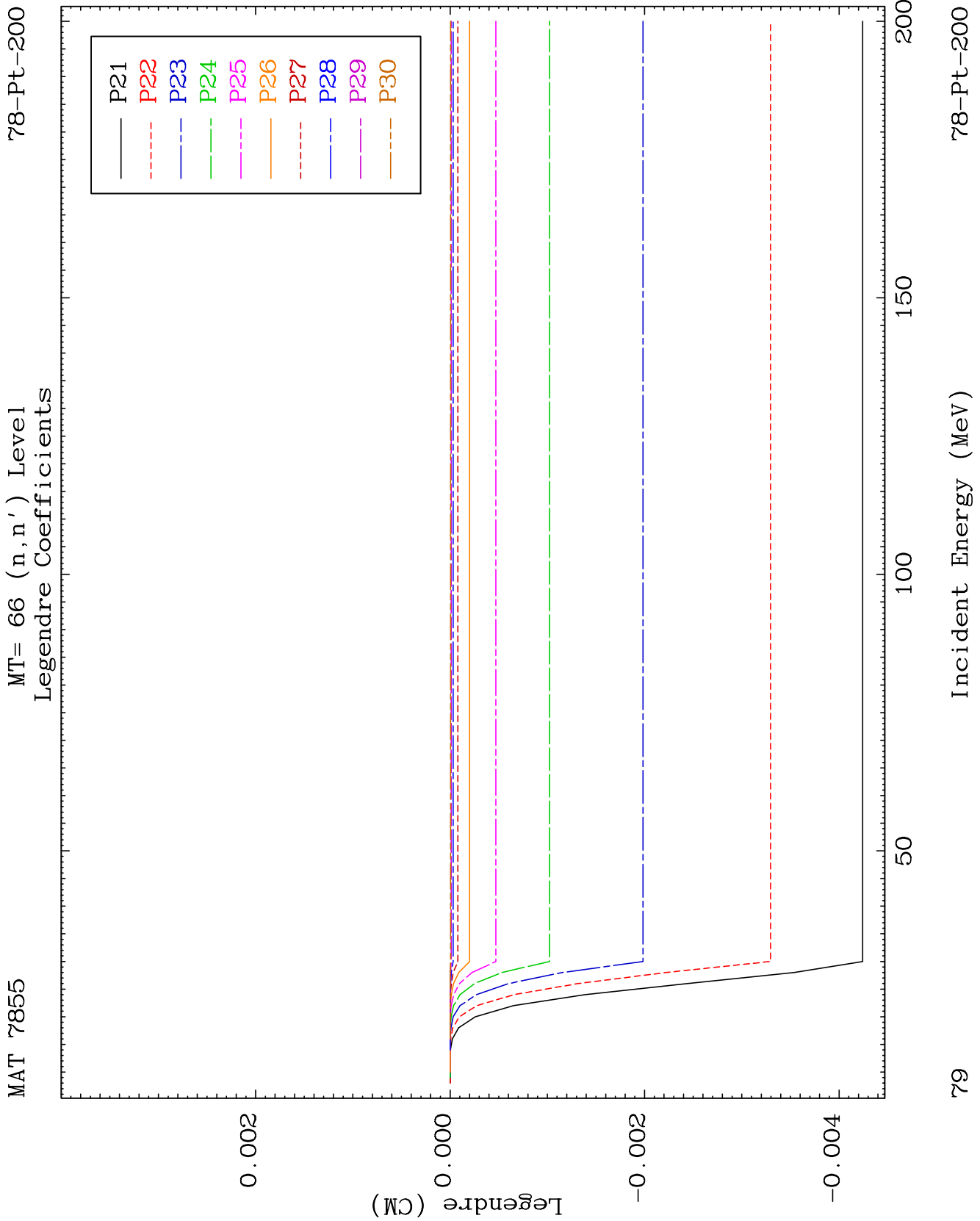
78-Pt-200

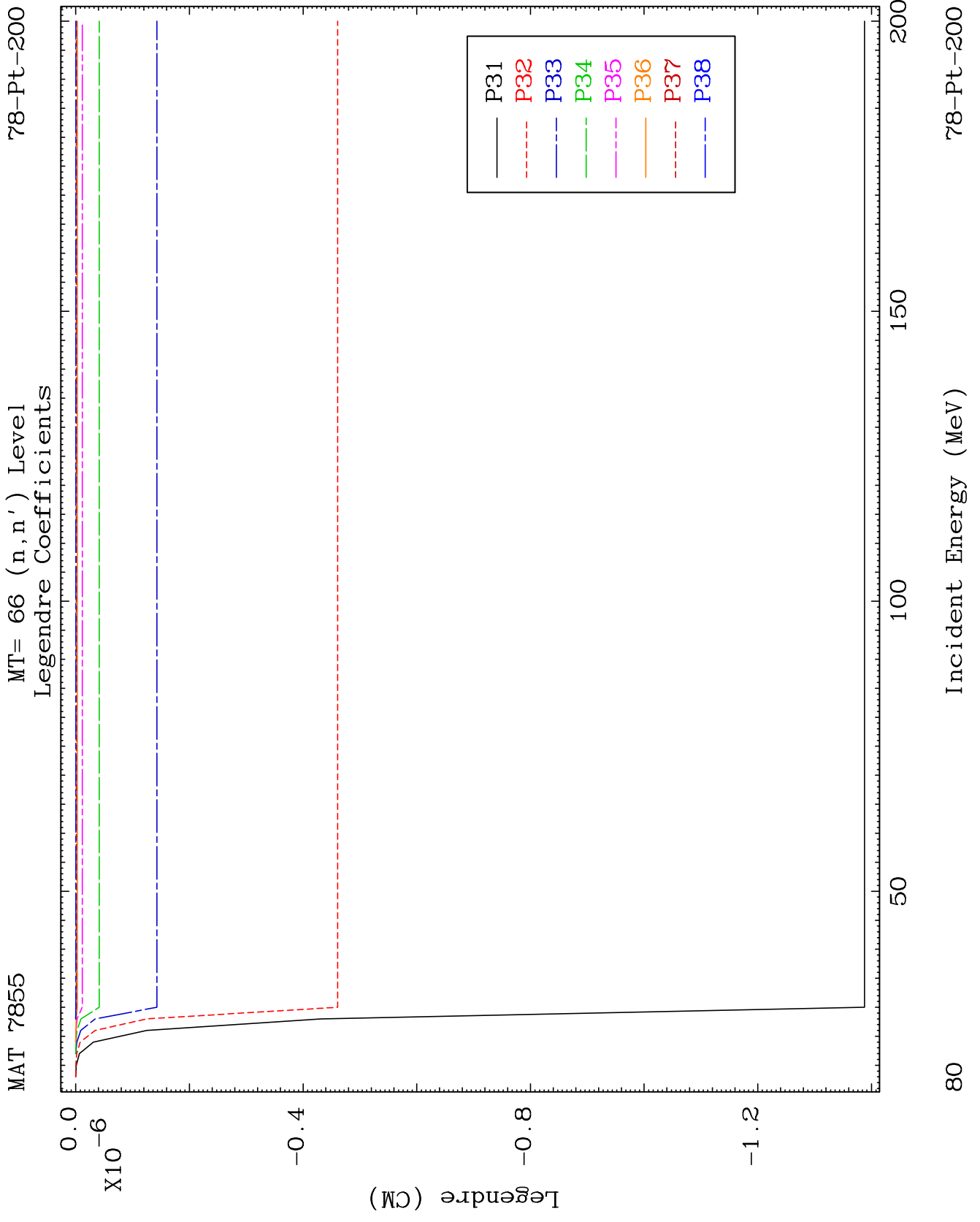


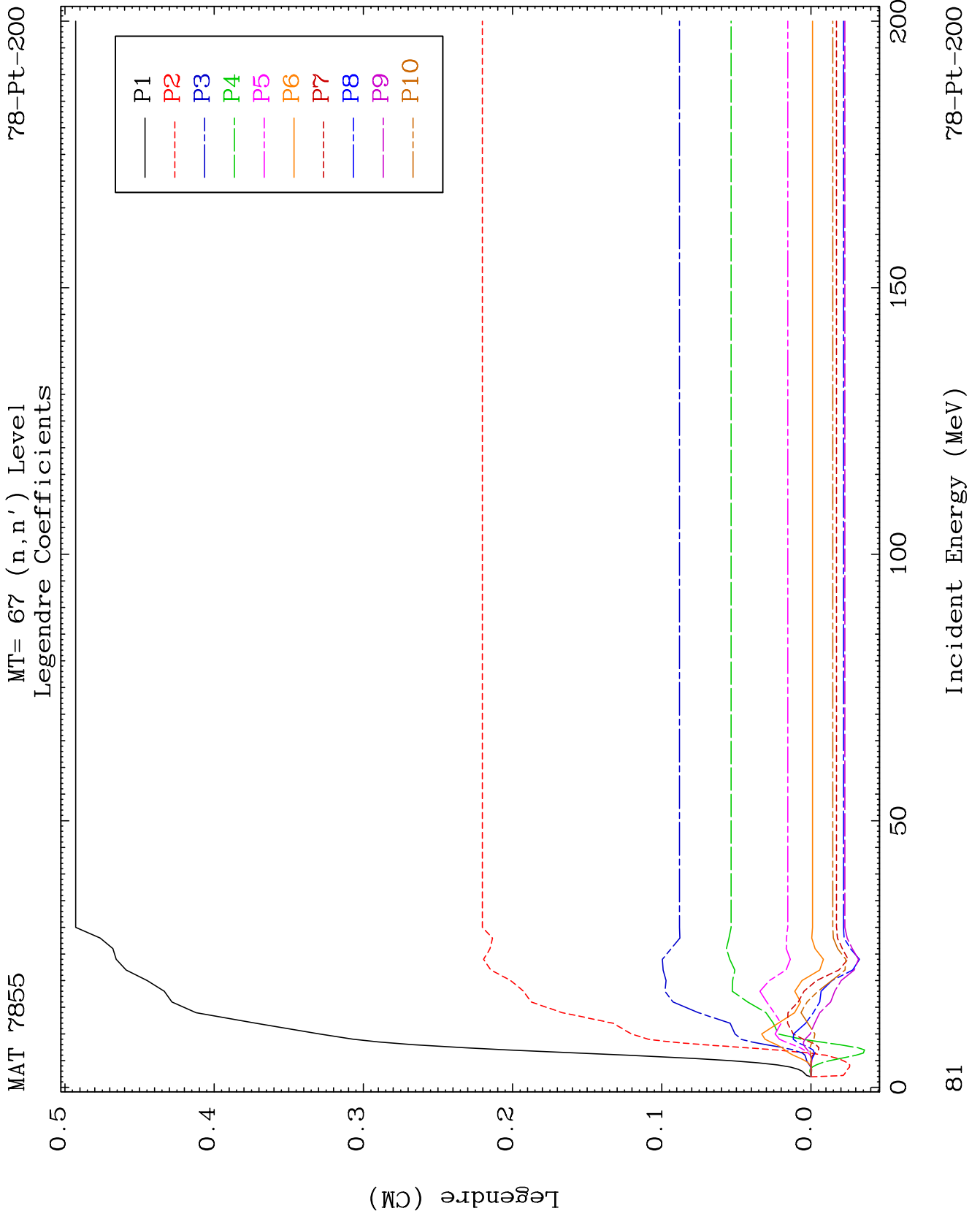
78

Incident Energy (MeV)

78-Pt-200



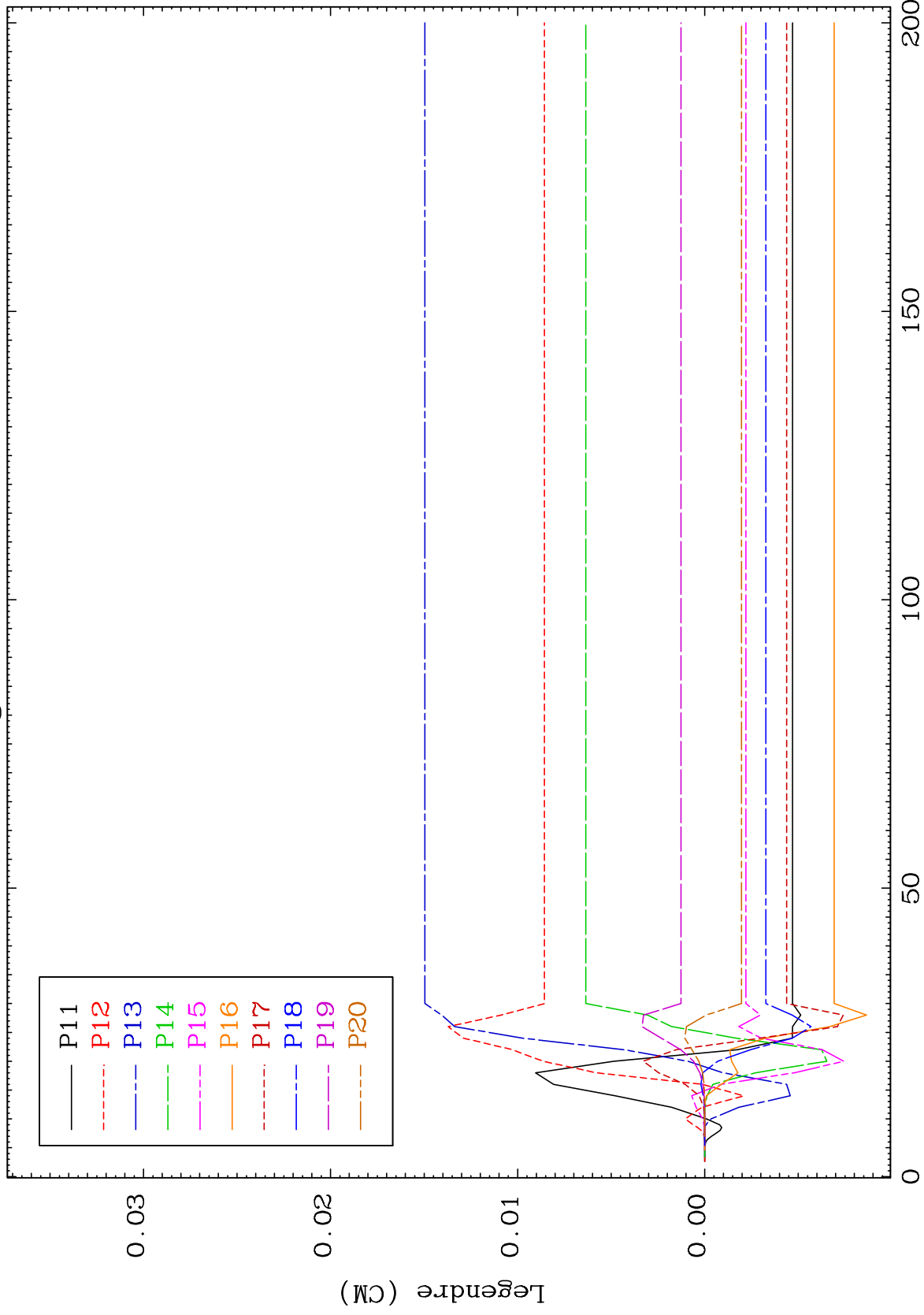




MAT 7855

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

78-Pt-200



82

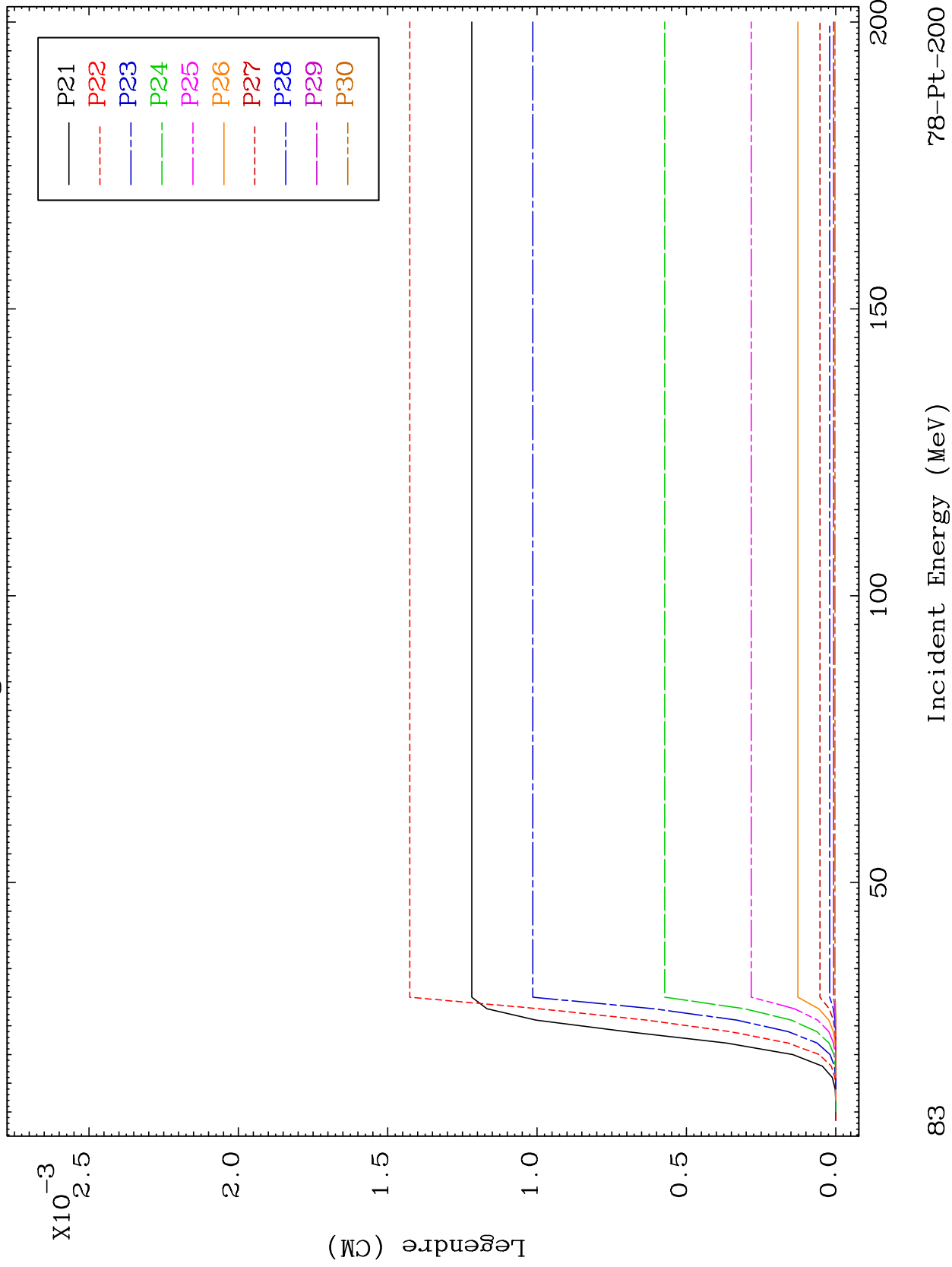
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

78-Pt-200



83

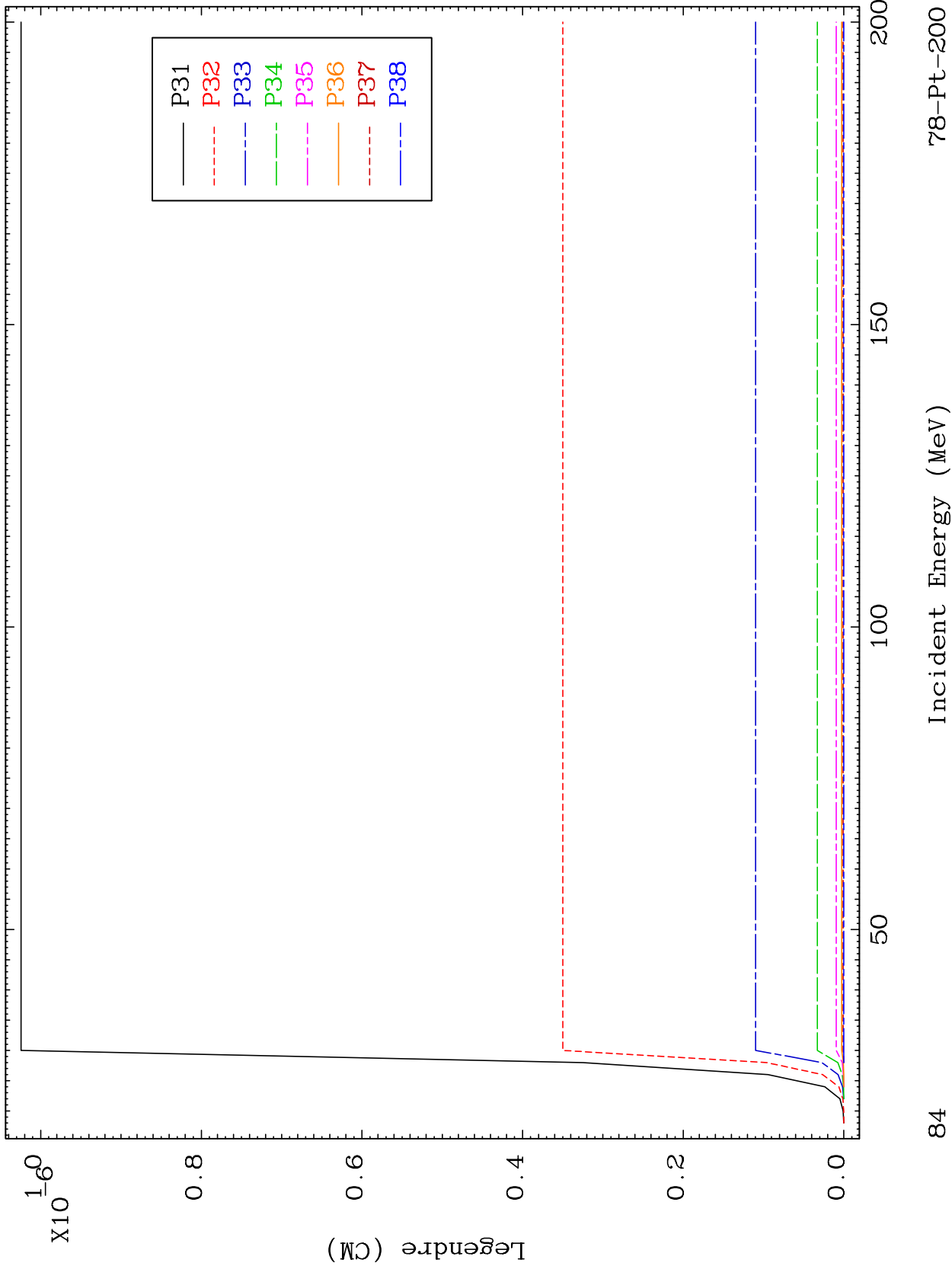
Incident Energy (MeV)

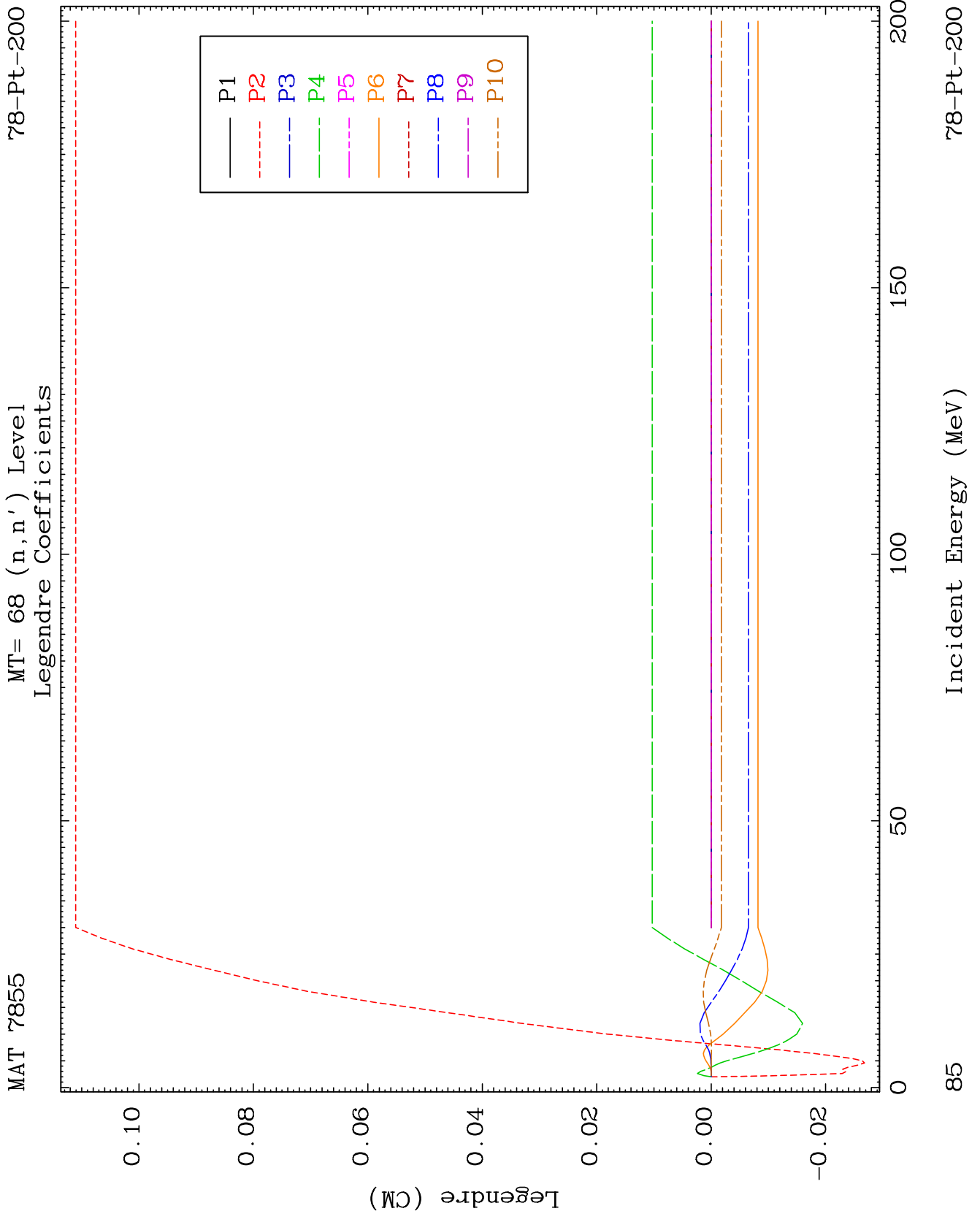
78-Pt-200

MAT 7855

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

78-Pt-200

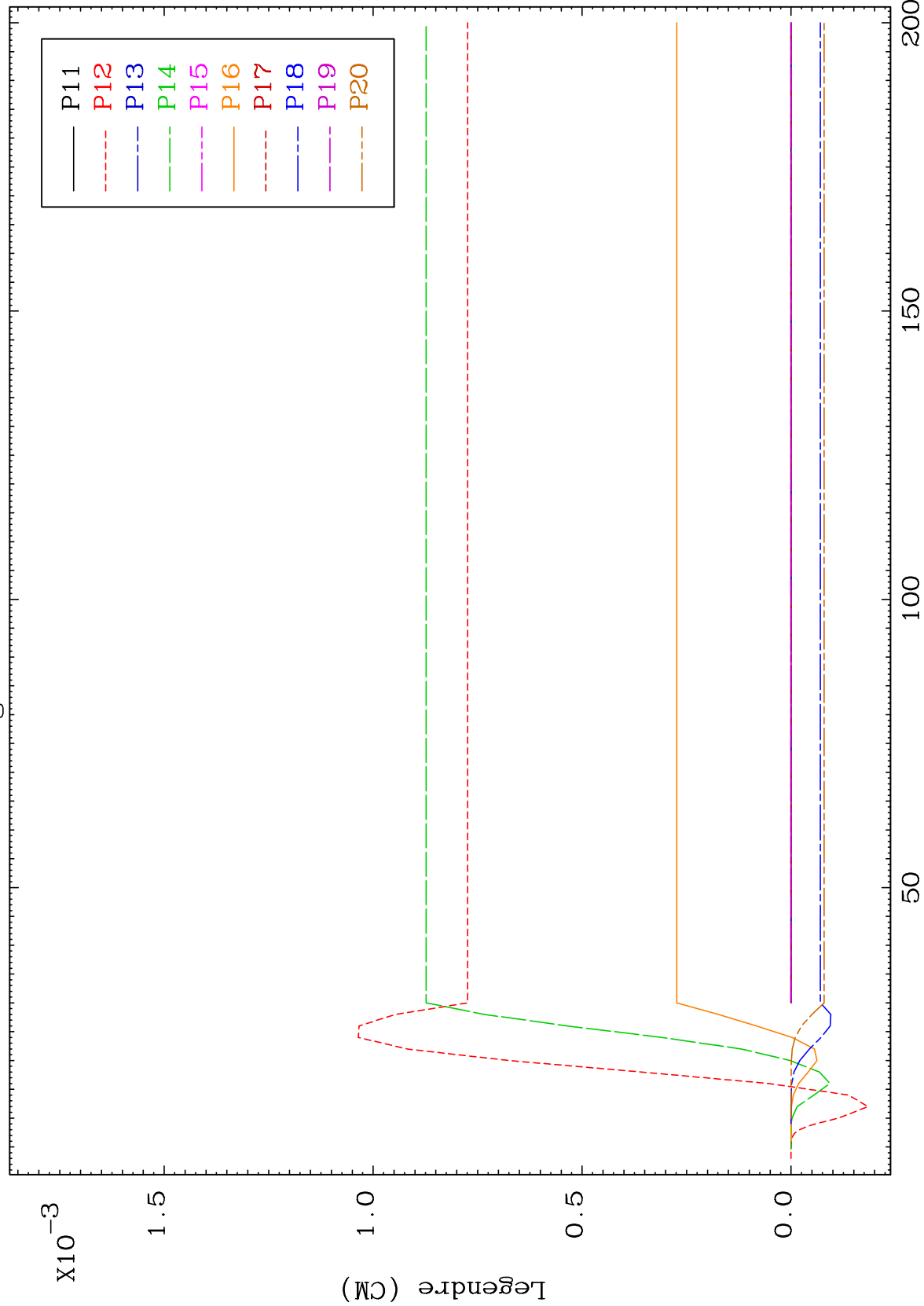




MAT 7855

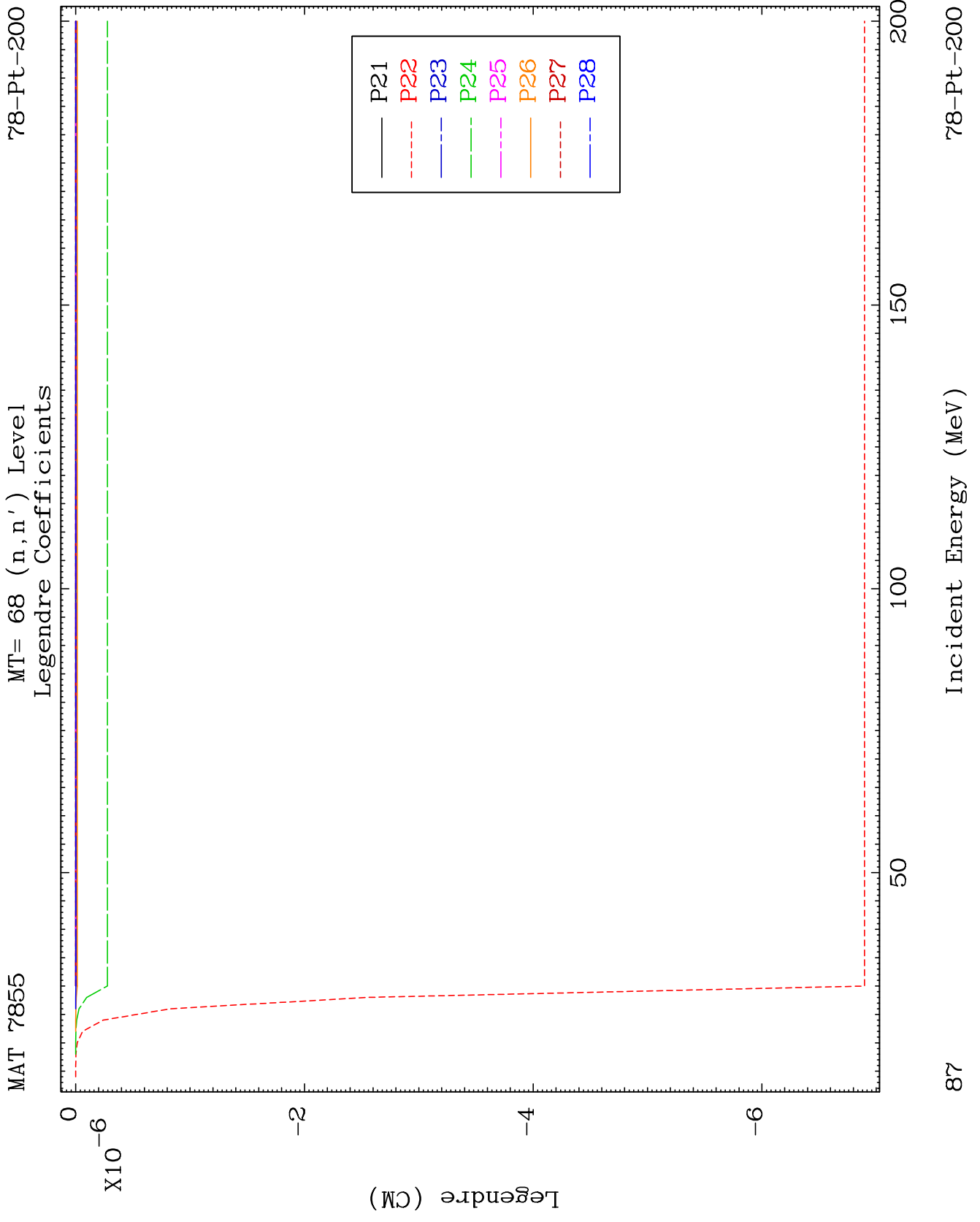
MT= 68 (n,n') Level
Legendre Coefficients

78-Pt-200



86

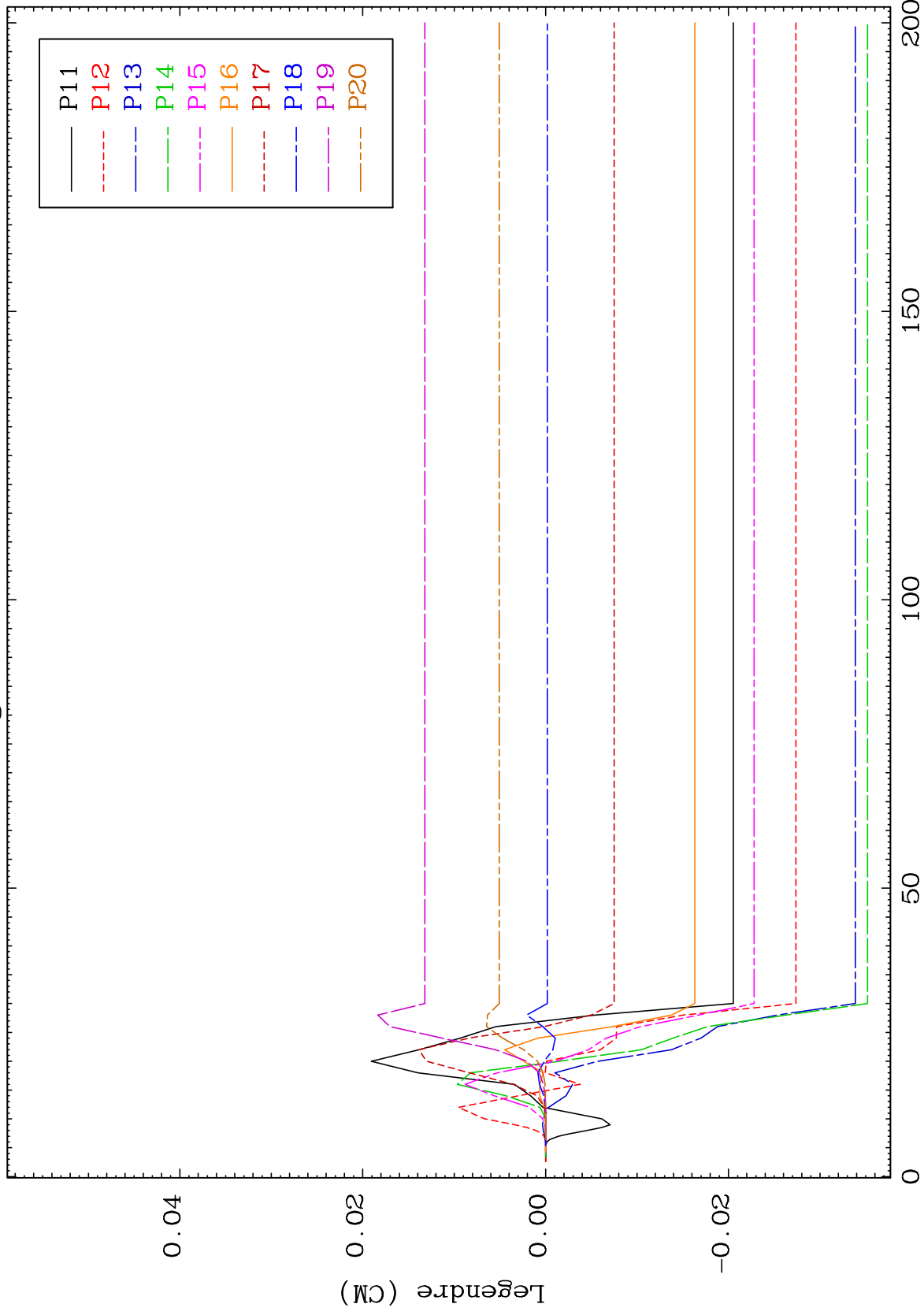
78-Pt-200



MAT 7855

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

78-Pt-200



89

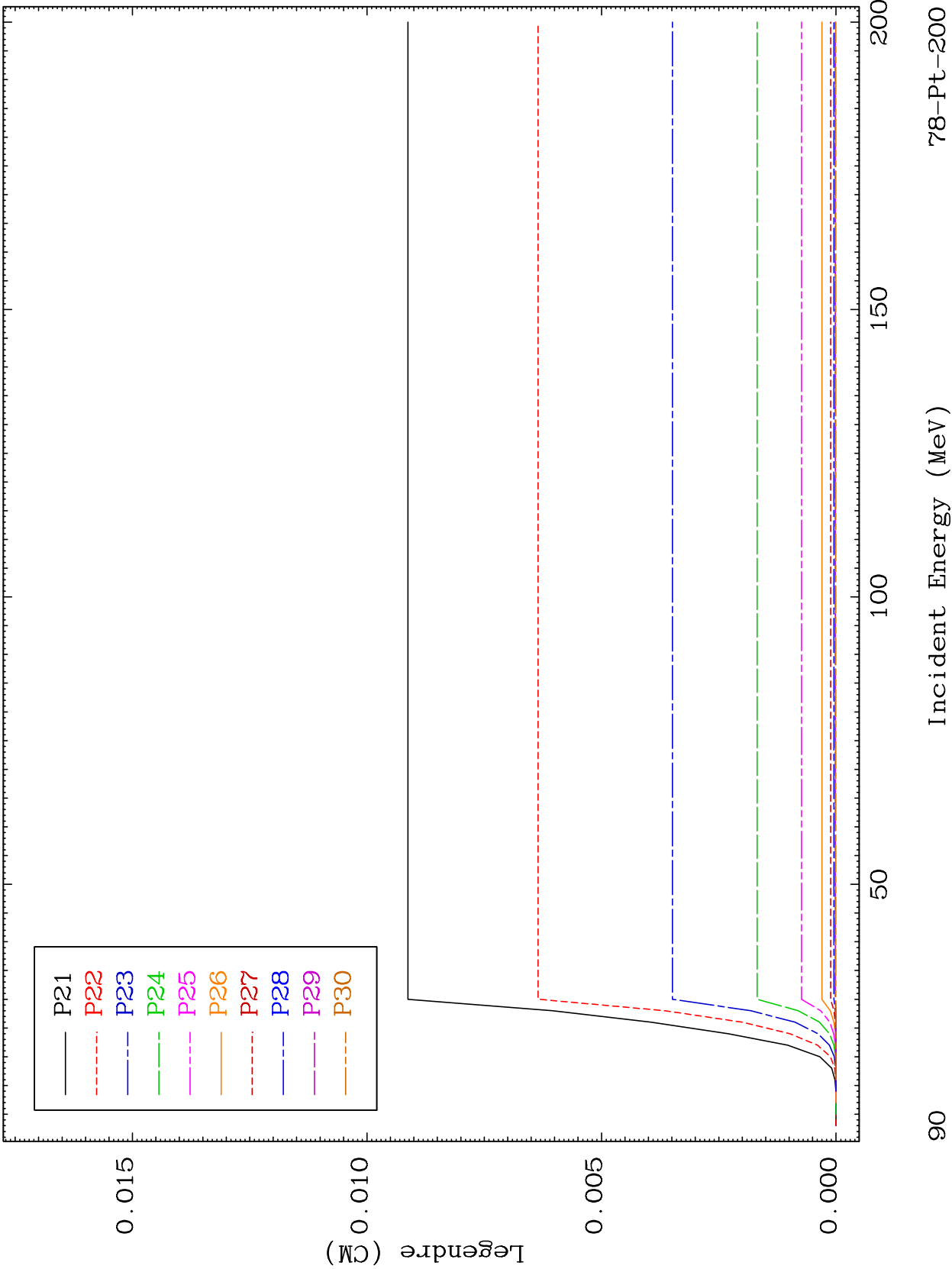
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

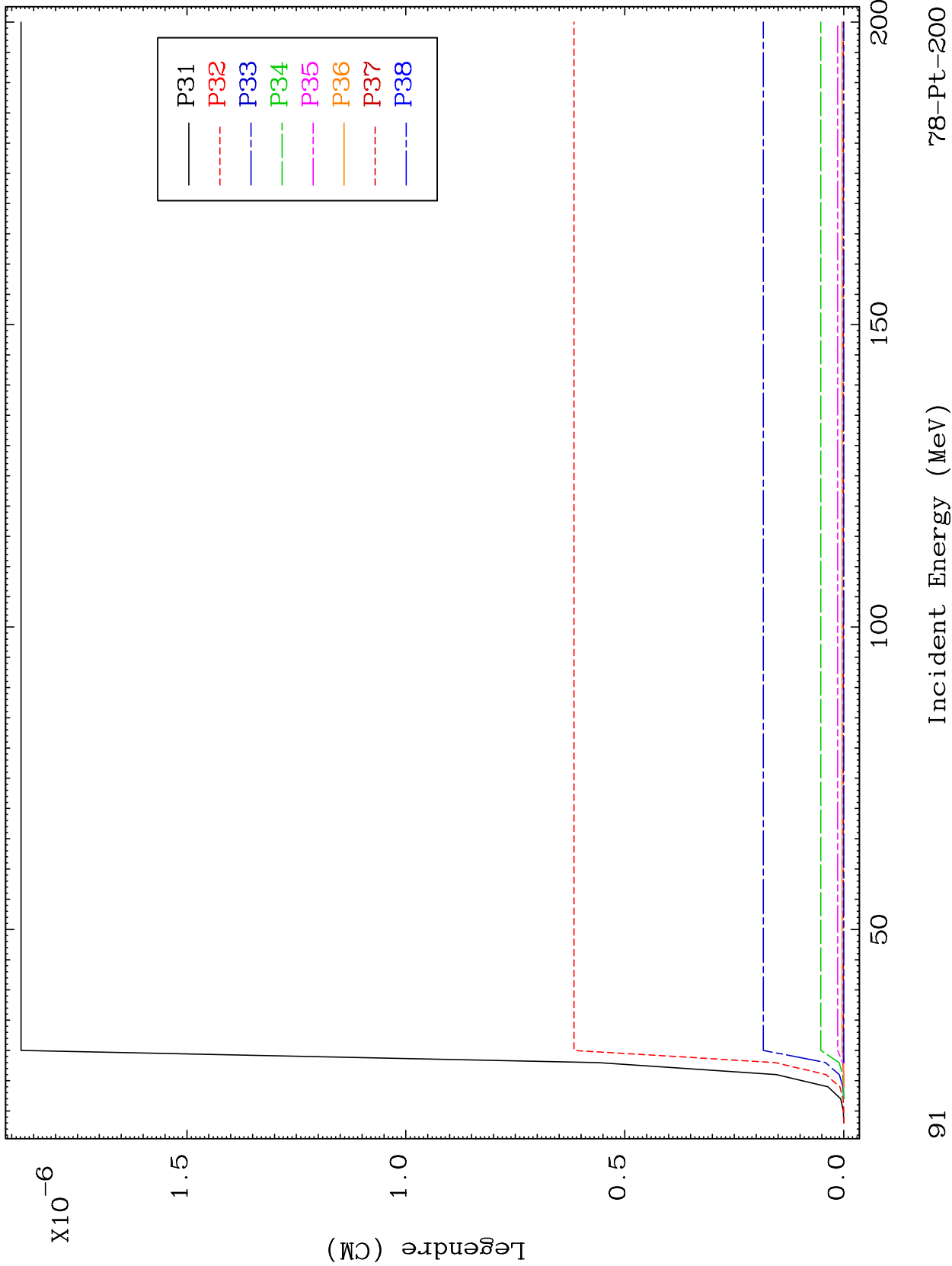
78-Pt-200



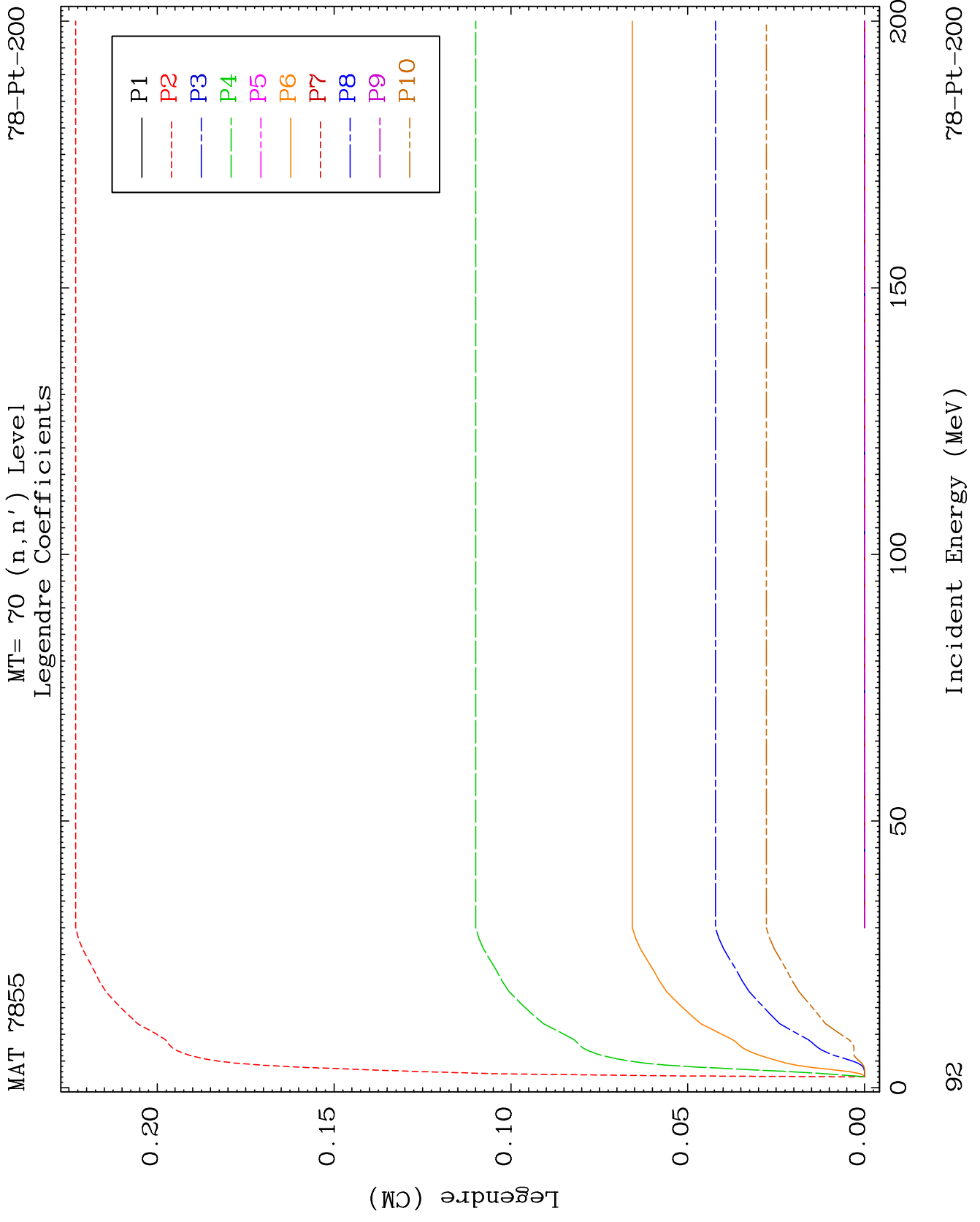
MAT 7855

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

78-Pt-200



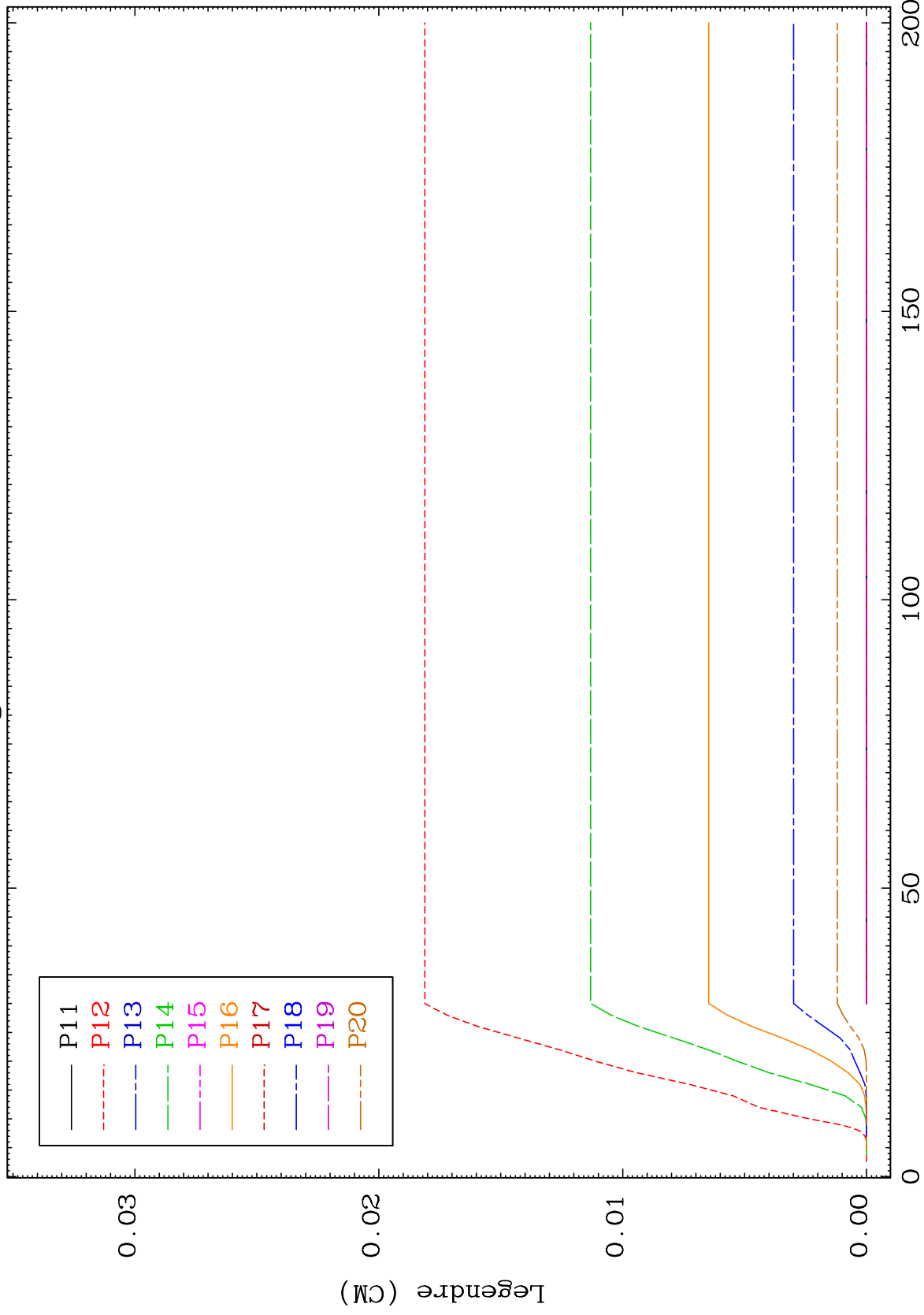
91



MAT 78555

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

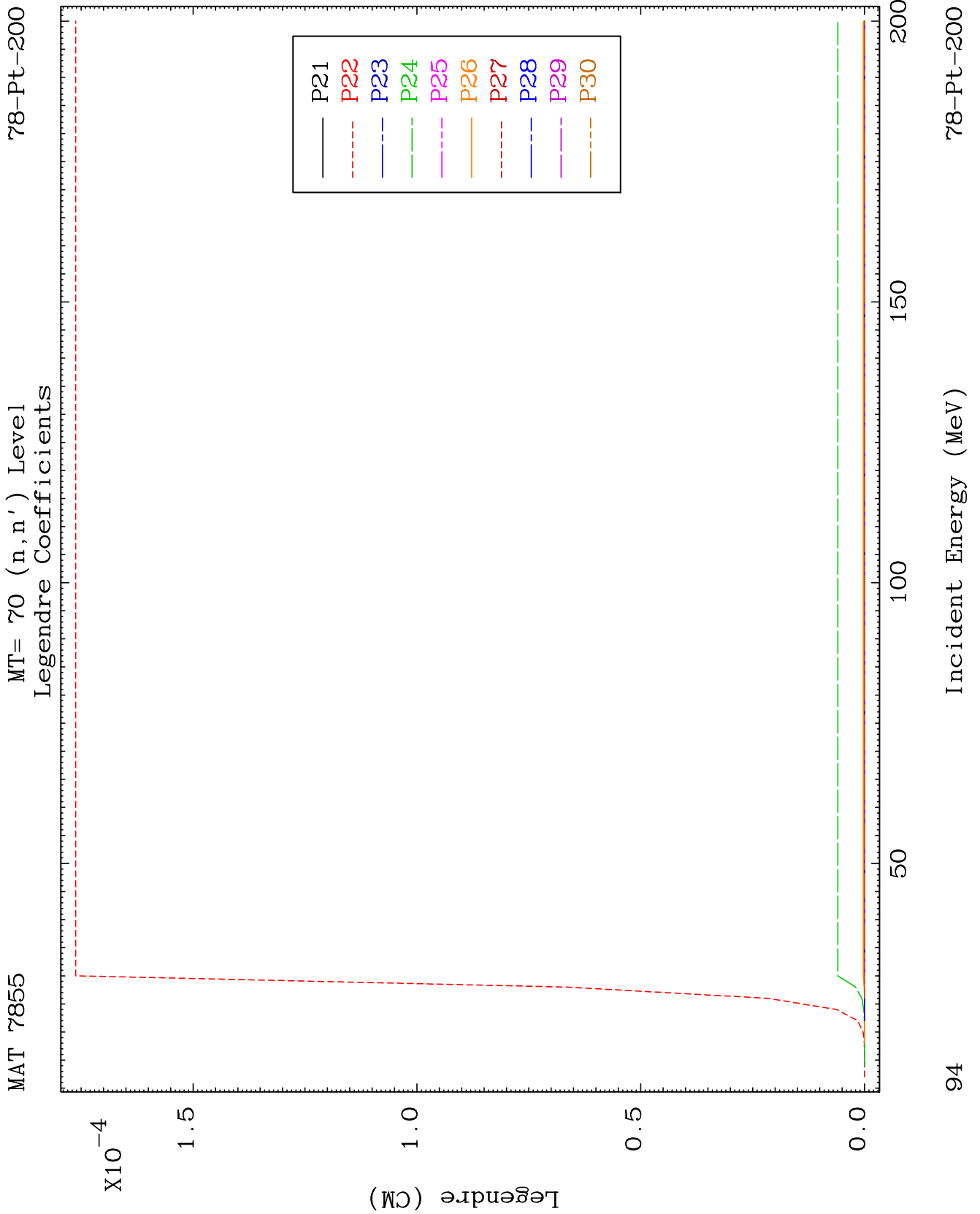
78-Pt-200



93

Incident Energy (MeV)

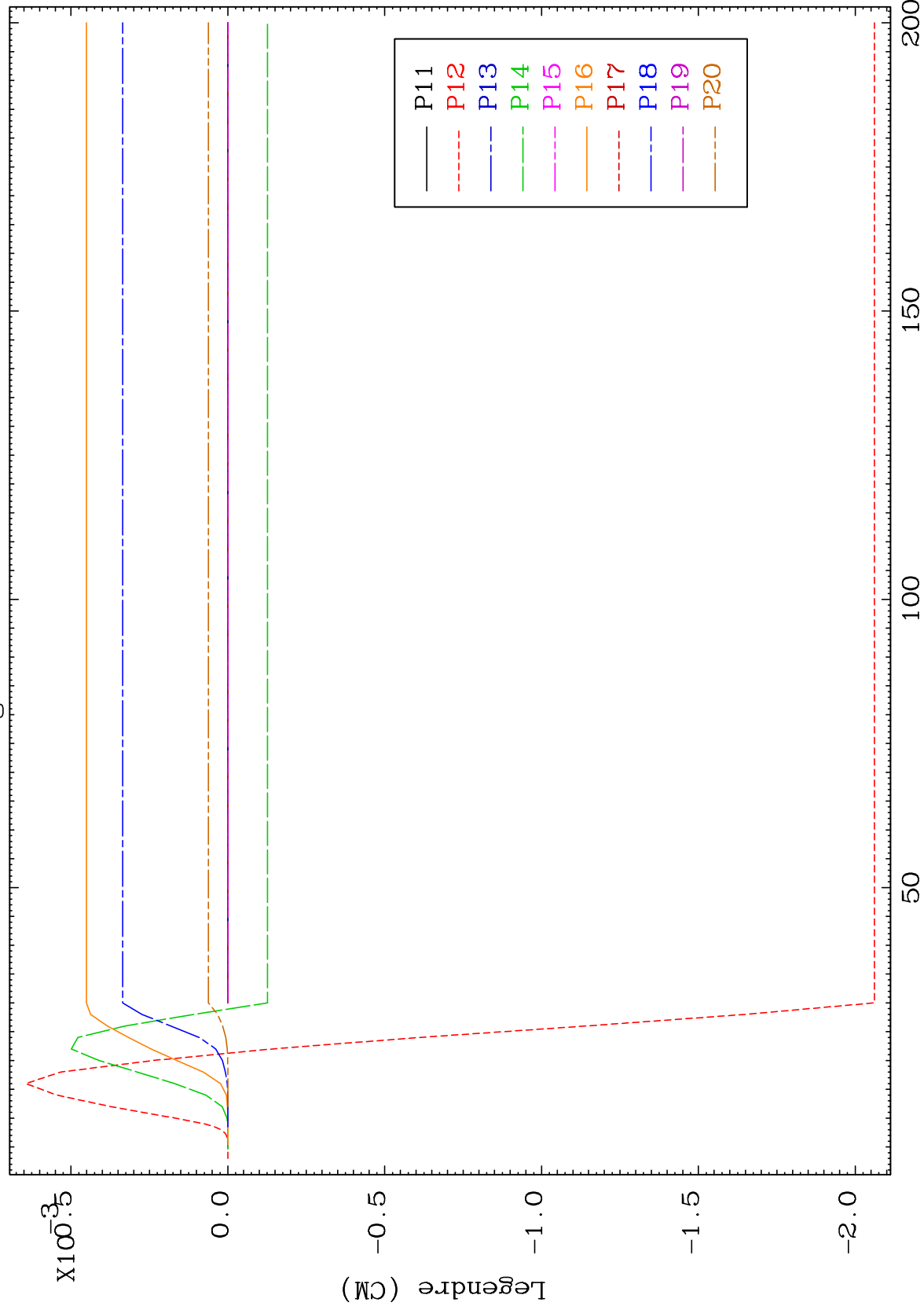
78-Pt-200



MAT 7855

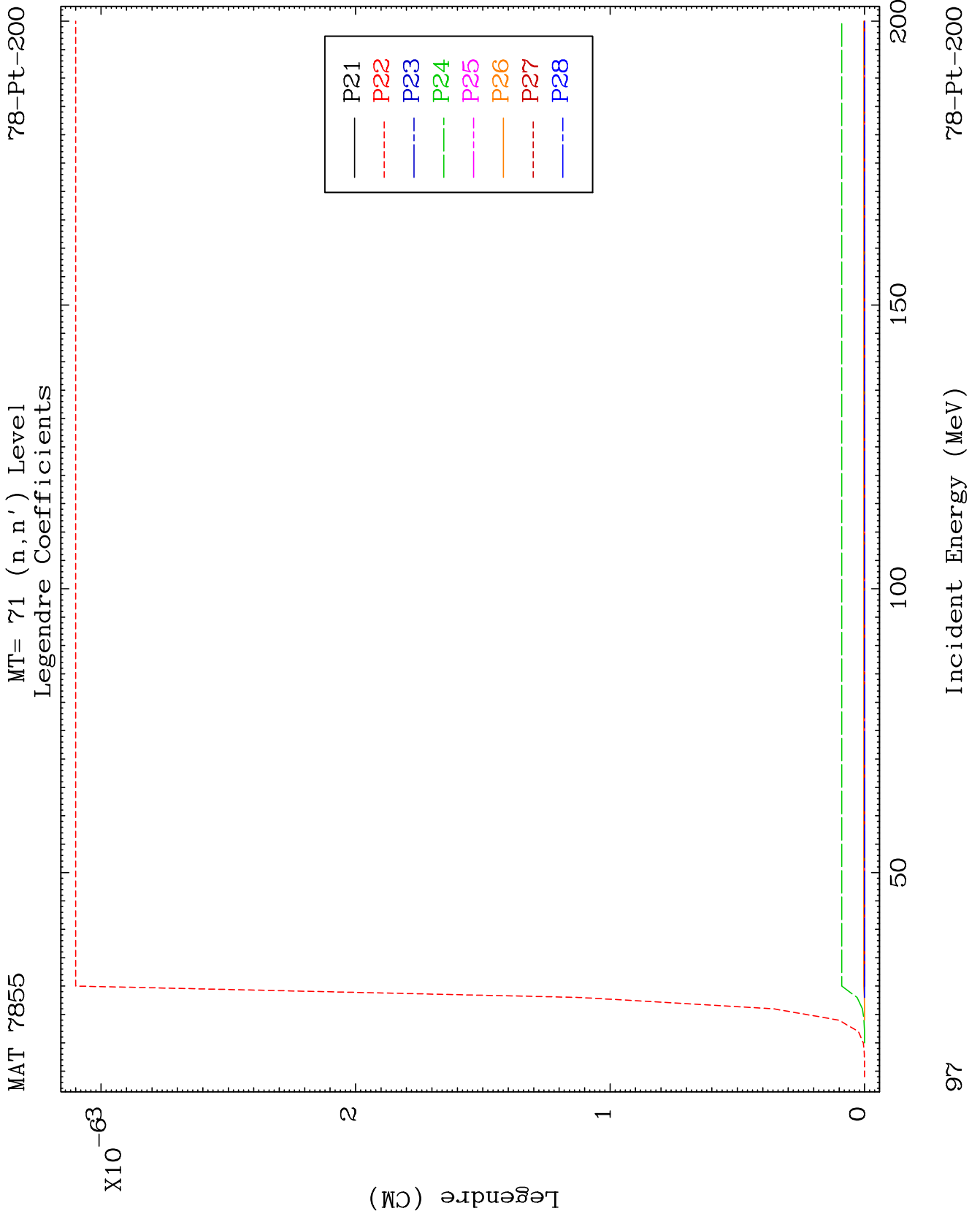
MT= 71 (n,n') Level
Legendre Coefficients

78-Pt-200



96

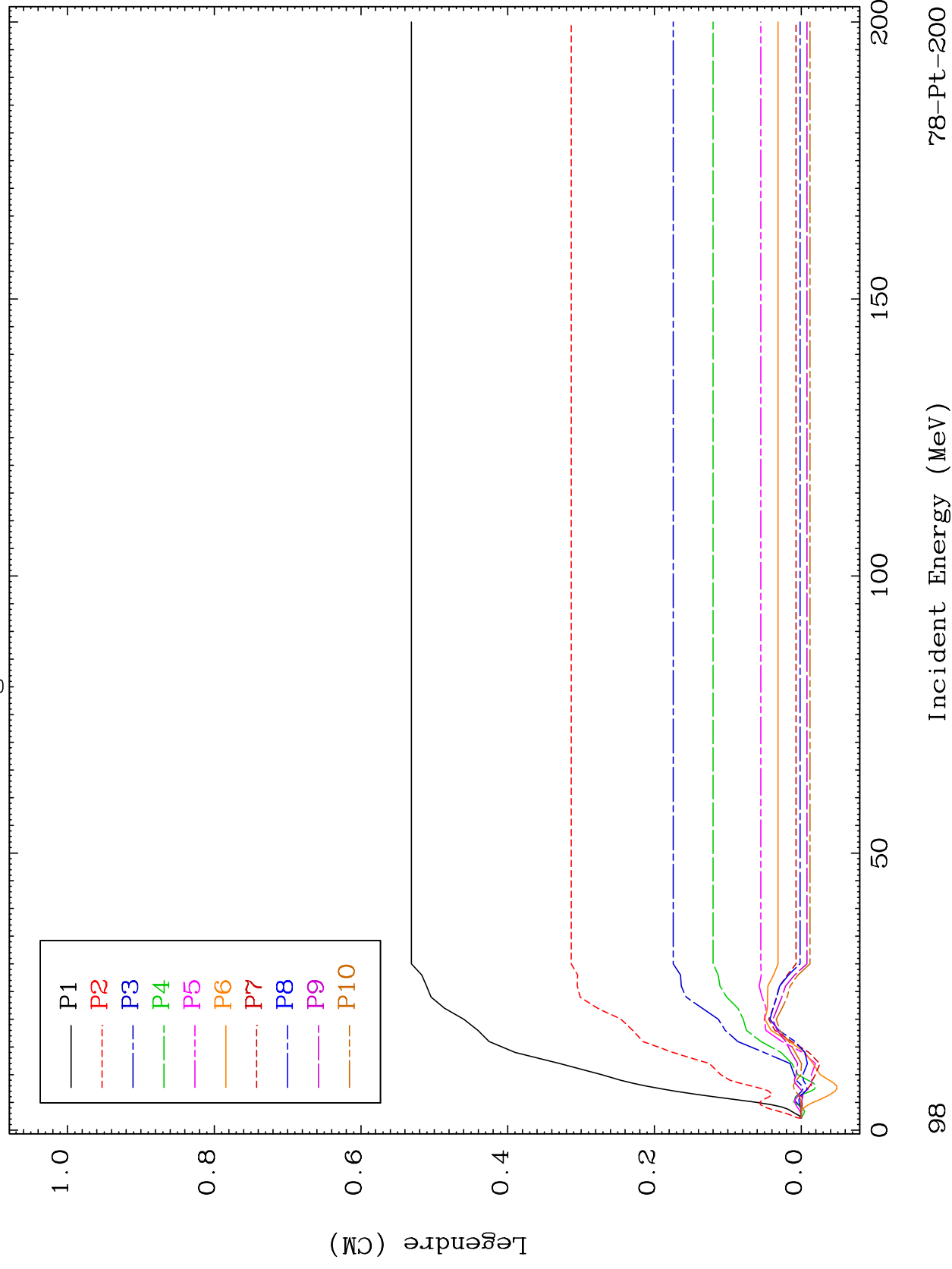
78-Pt-200



MAT 7855

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

78-Pt-200

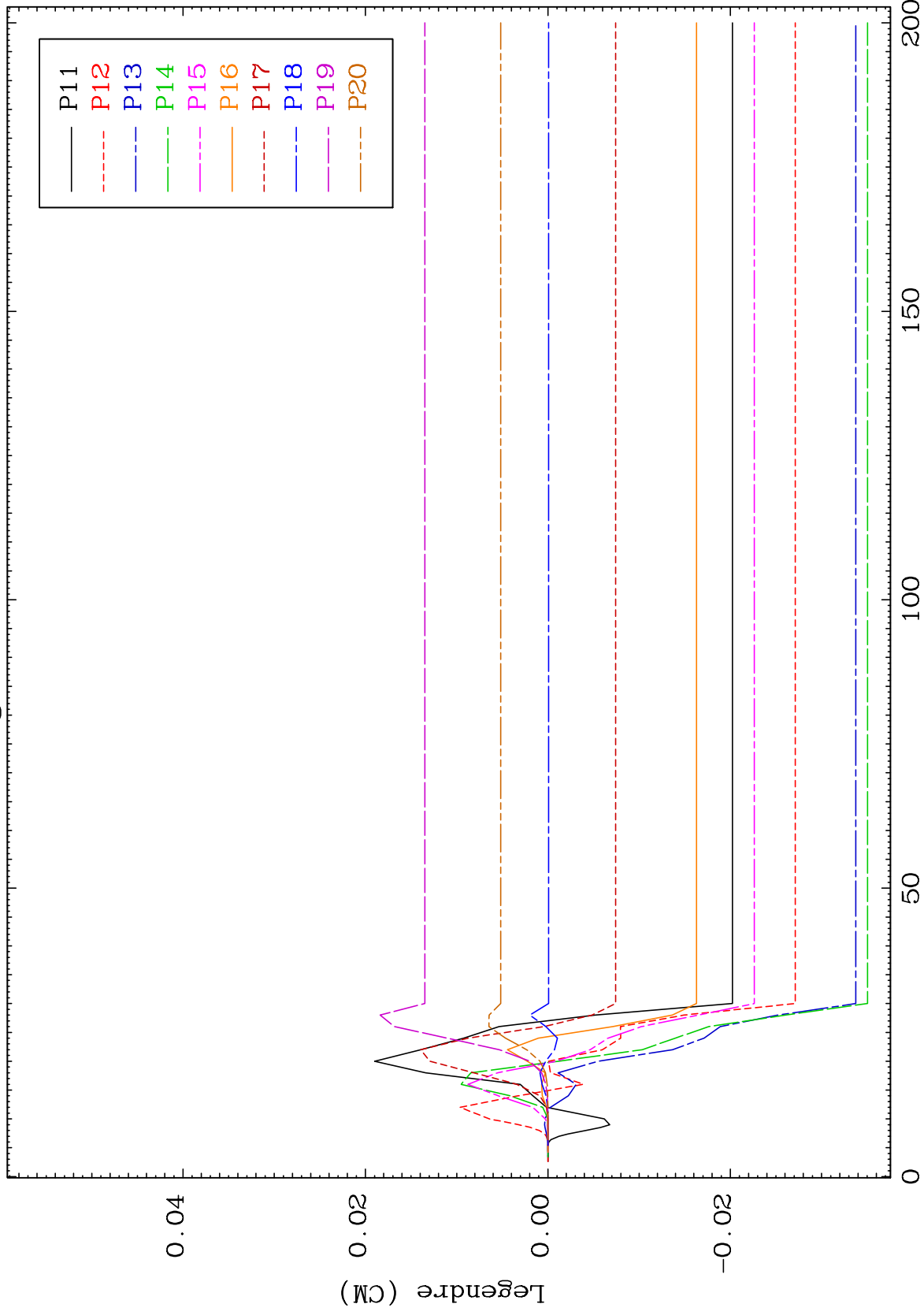


98

MAT 7855

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

78-Pt-200



99

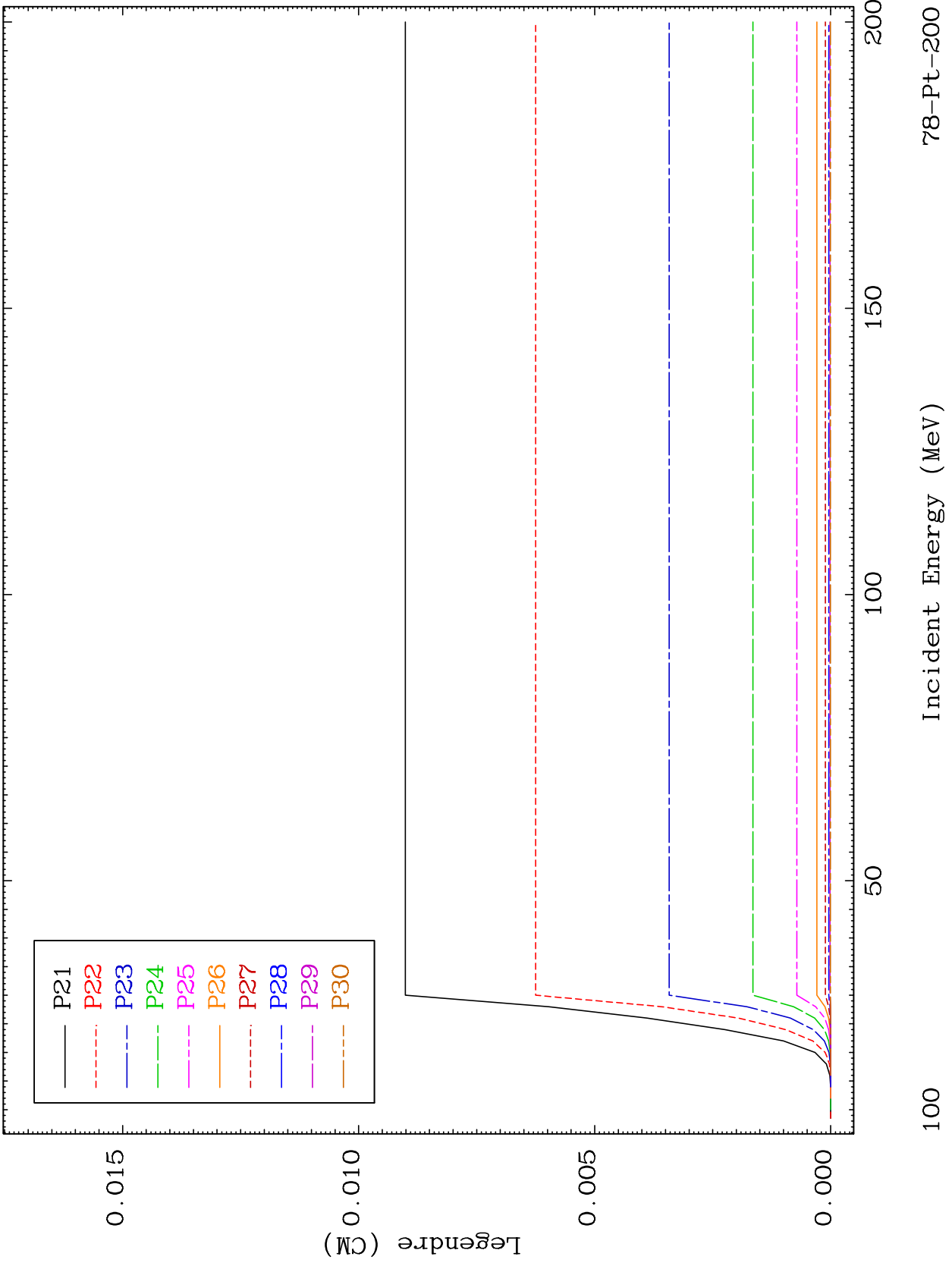
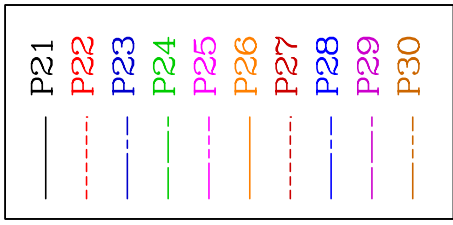
Incident Energy (MeV)

78-Pt-200

MAT 7855

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

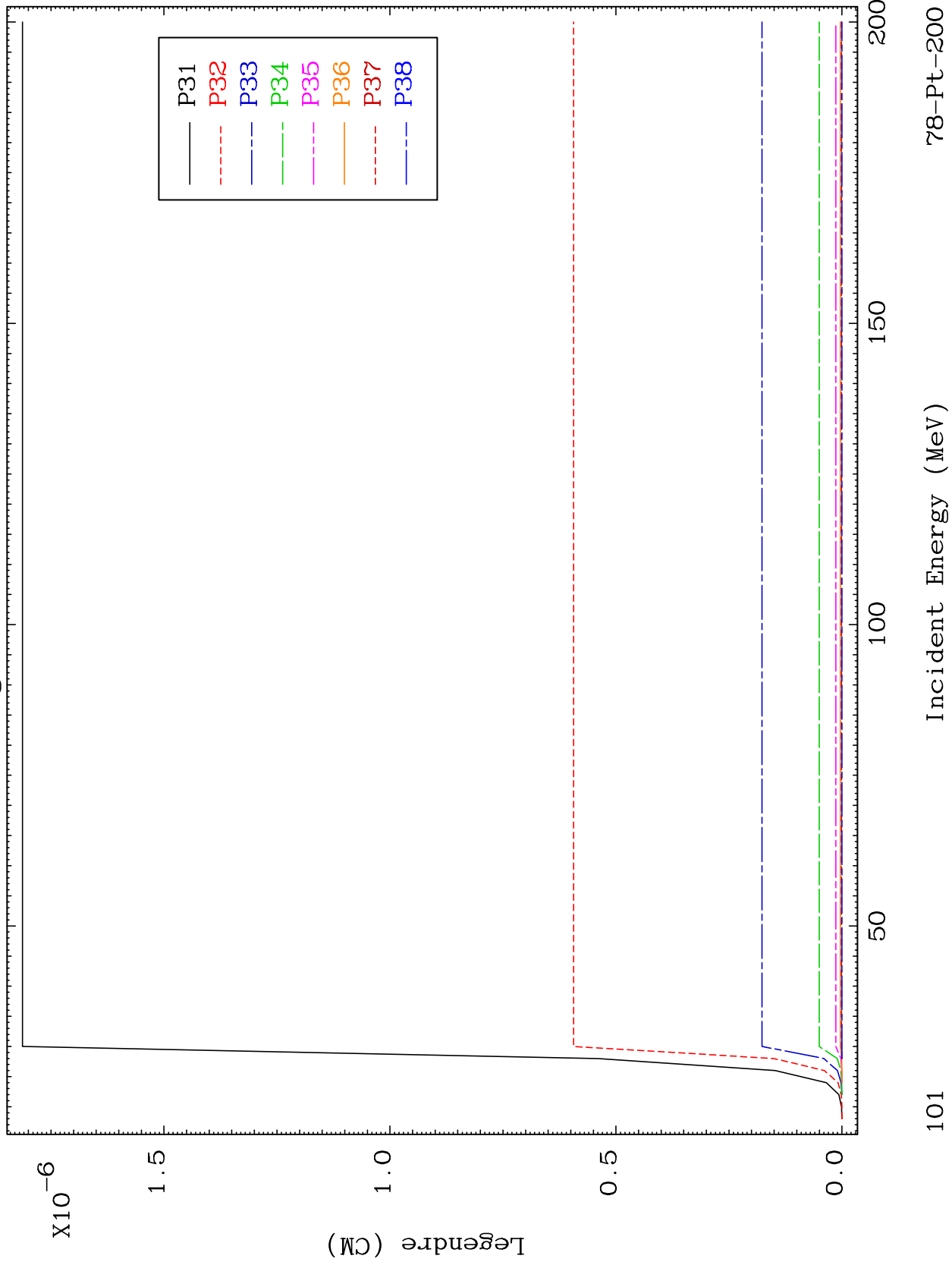
78-Pt-200

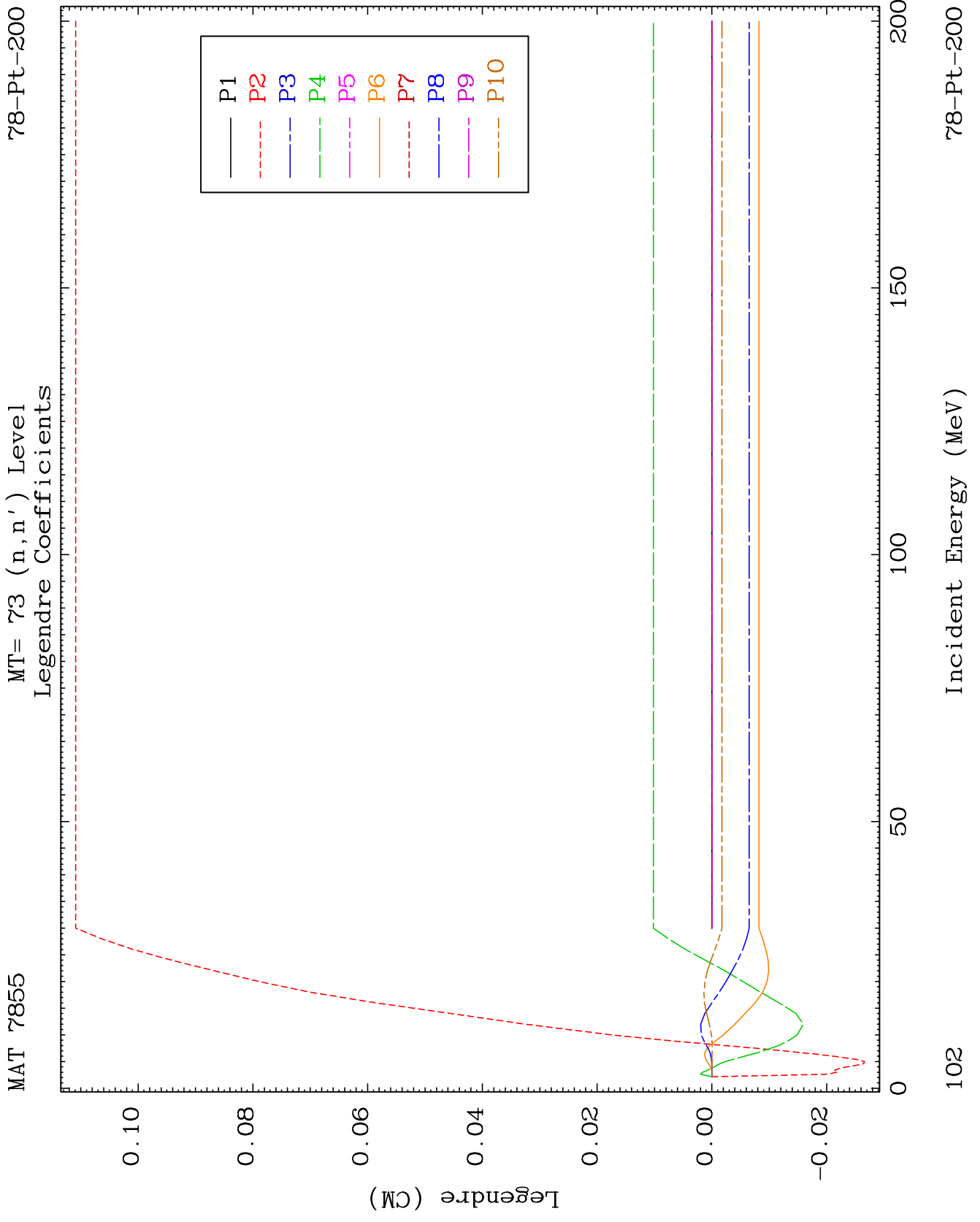


MAT 7855

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

78-Pt-200

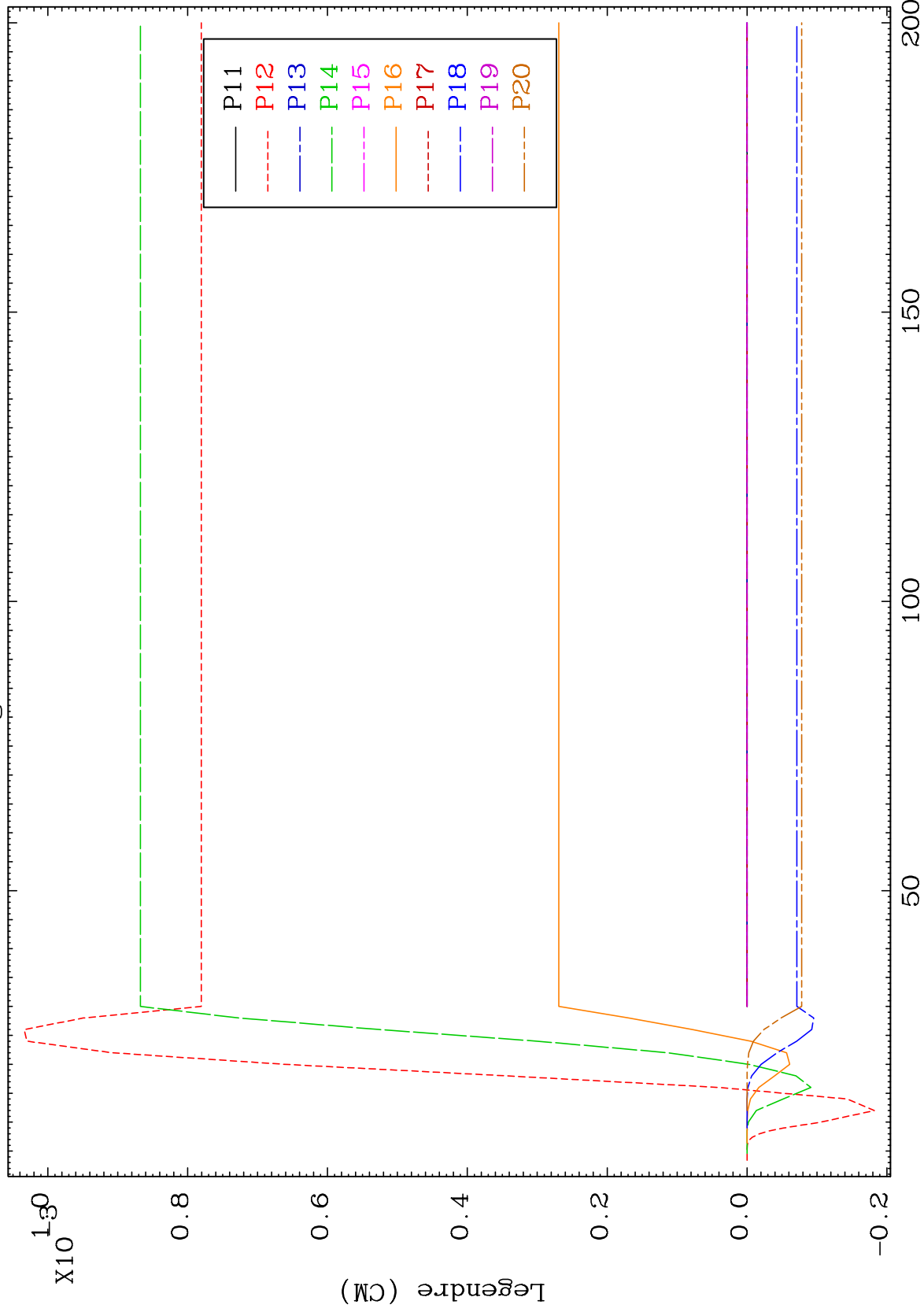




MAT 7855

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

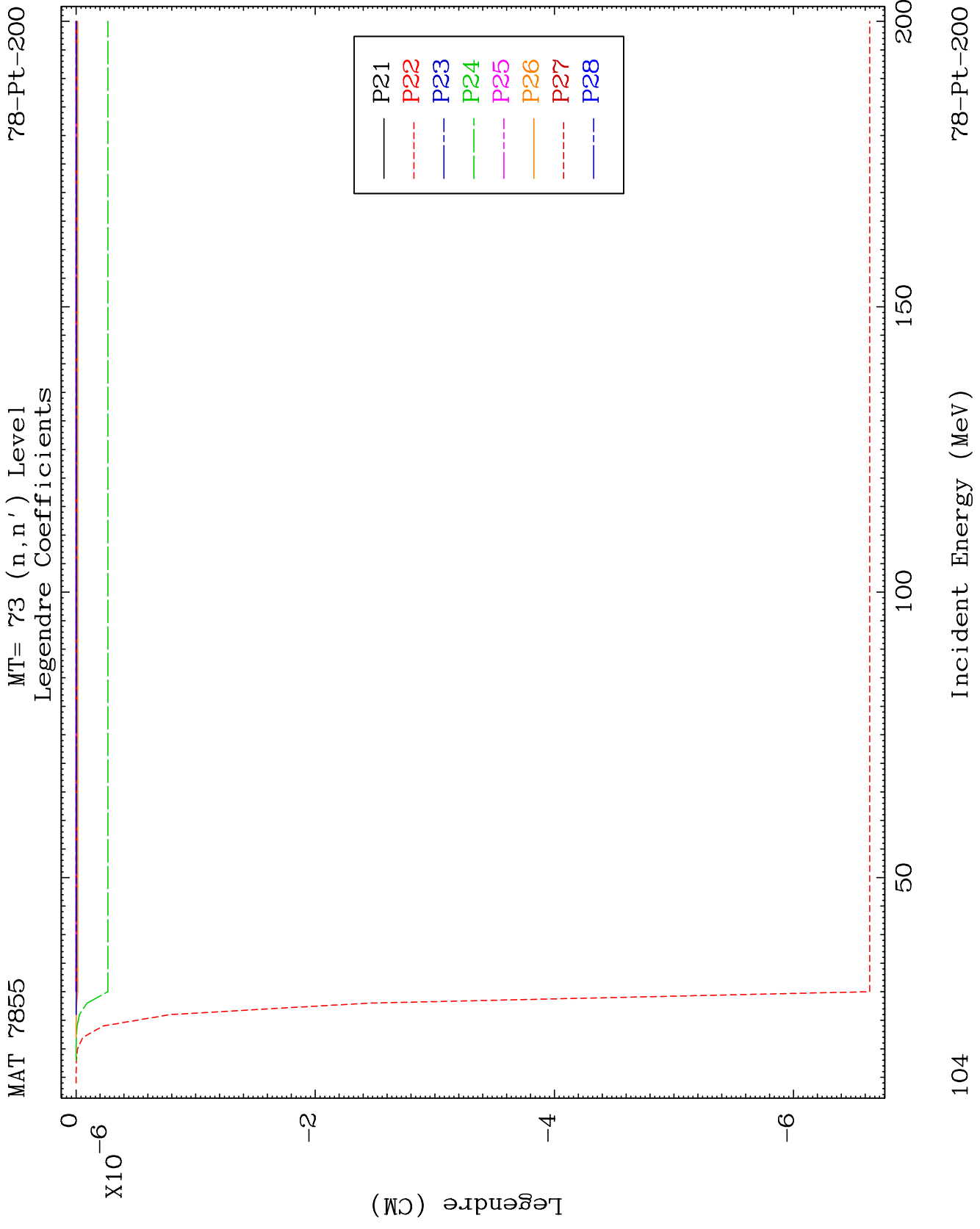
78-Pt-200

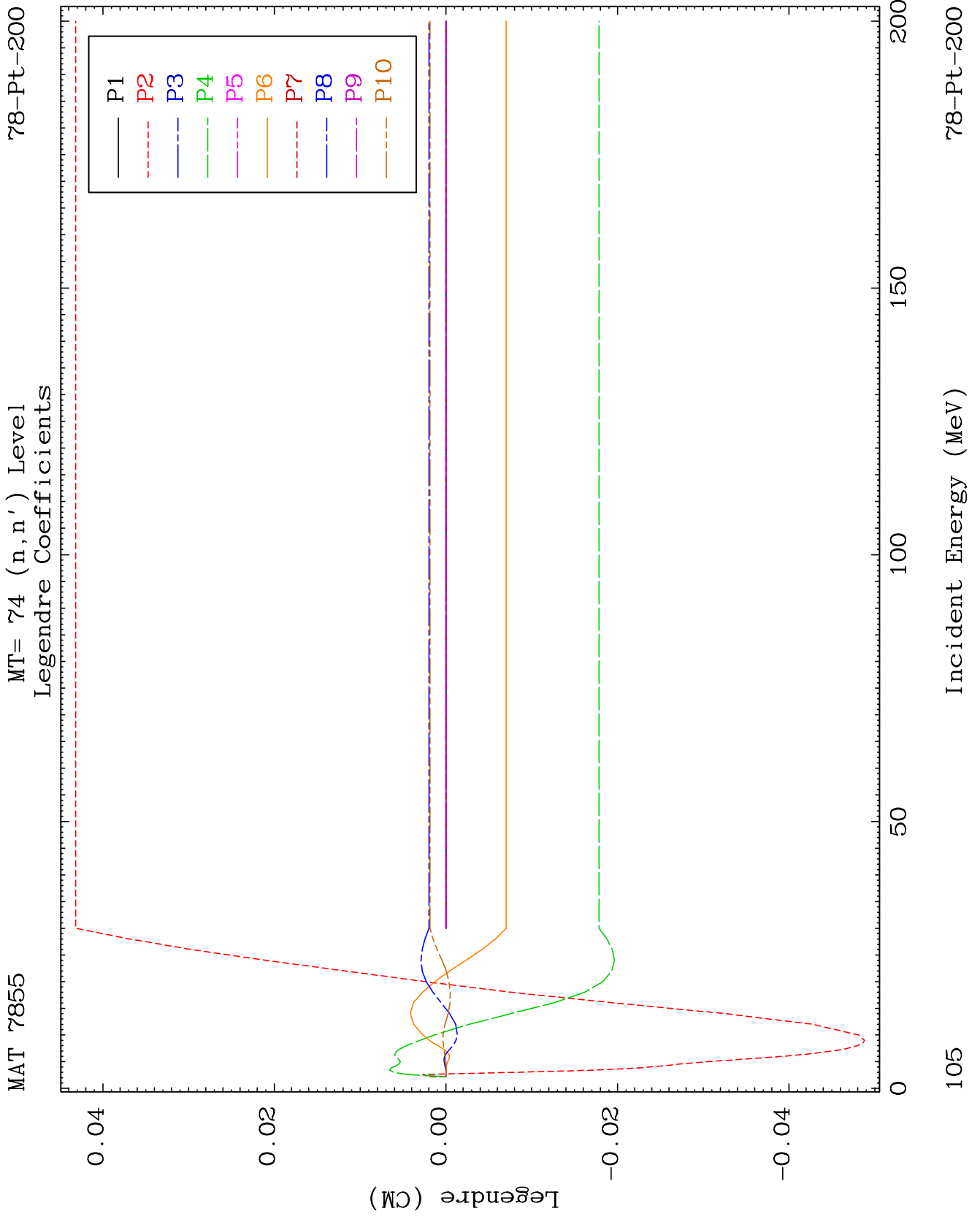


103

Incident Energy (MeV)

78-Pt-200

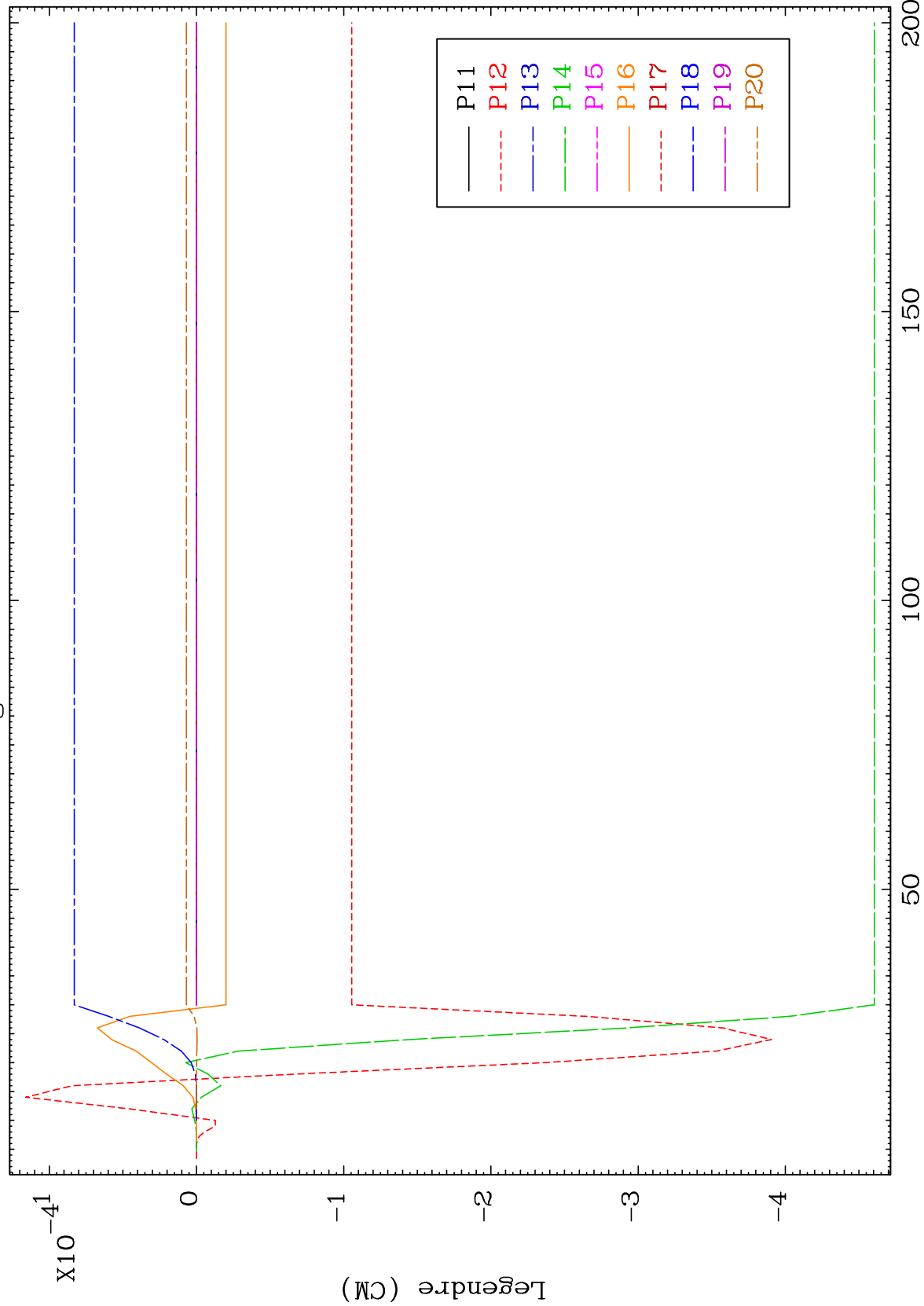




MAT 7855

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

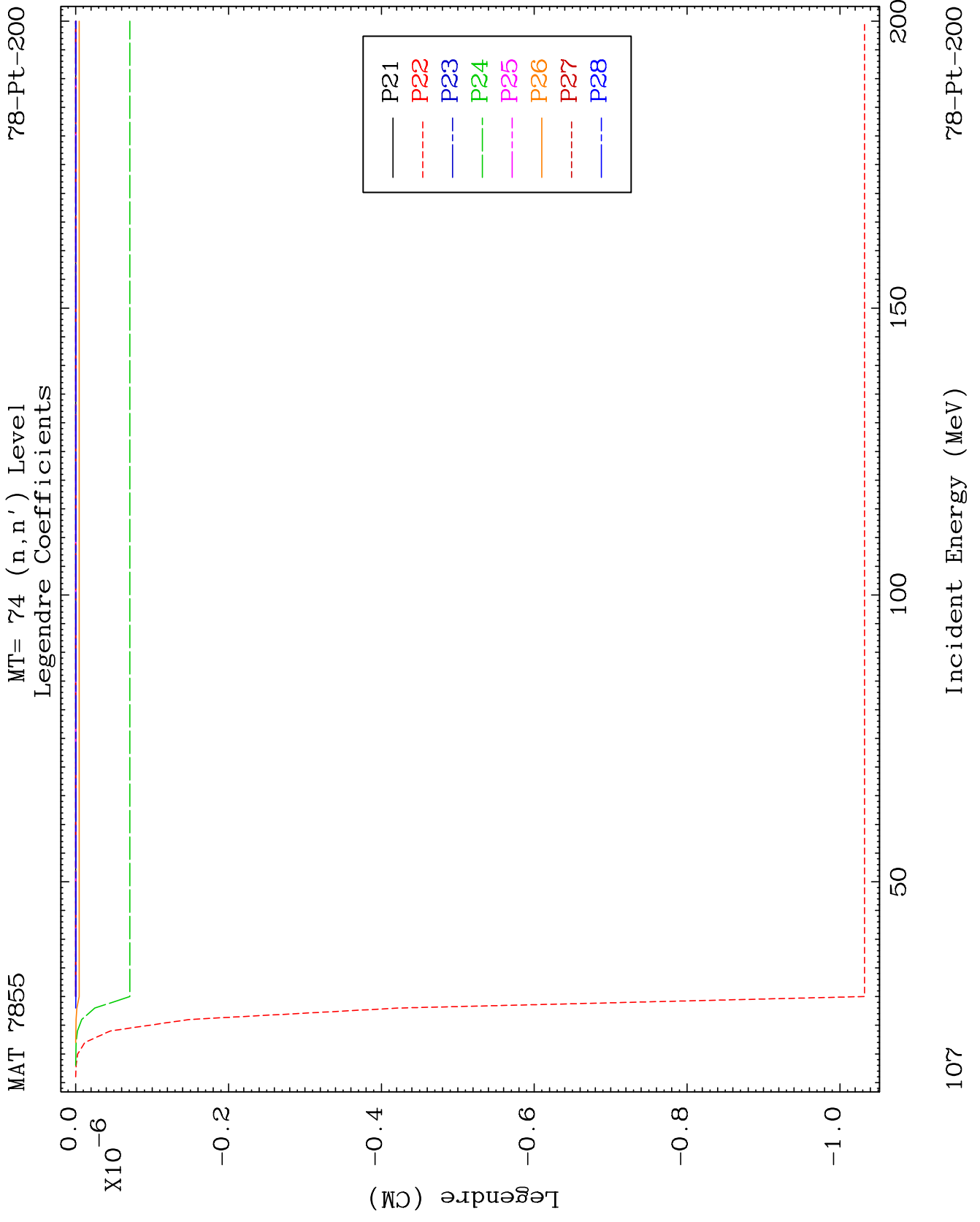
78-Pt-200

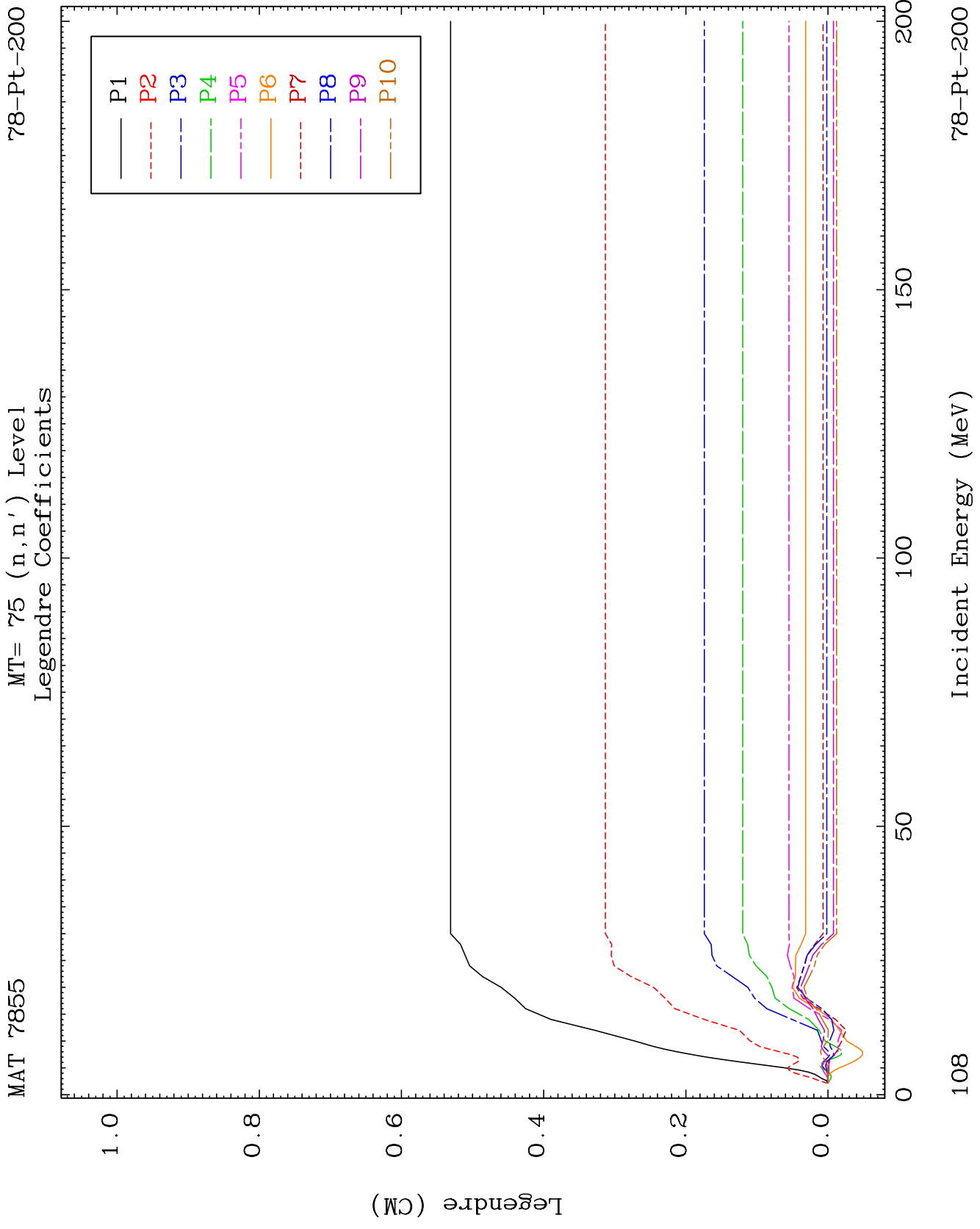


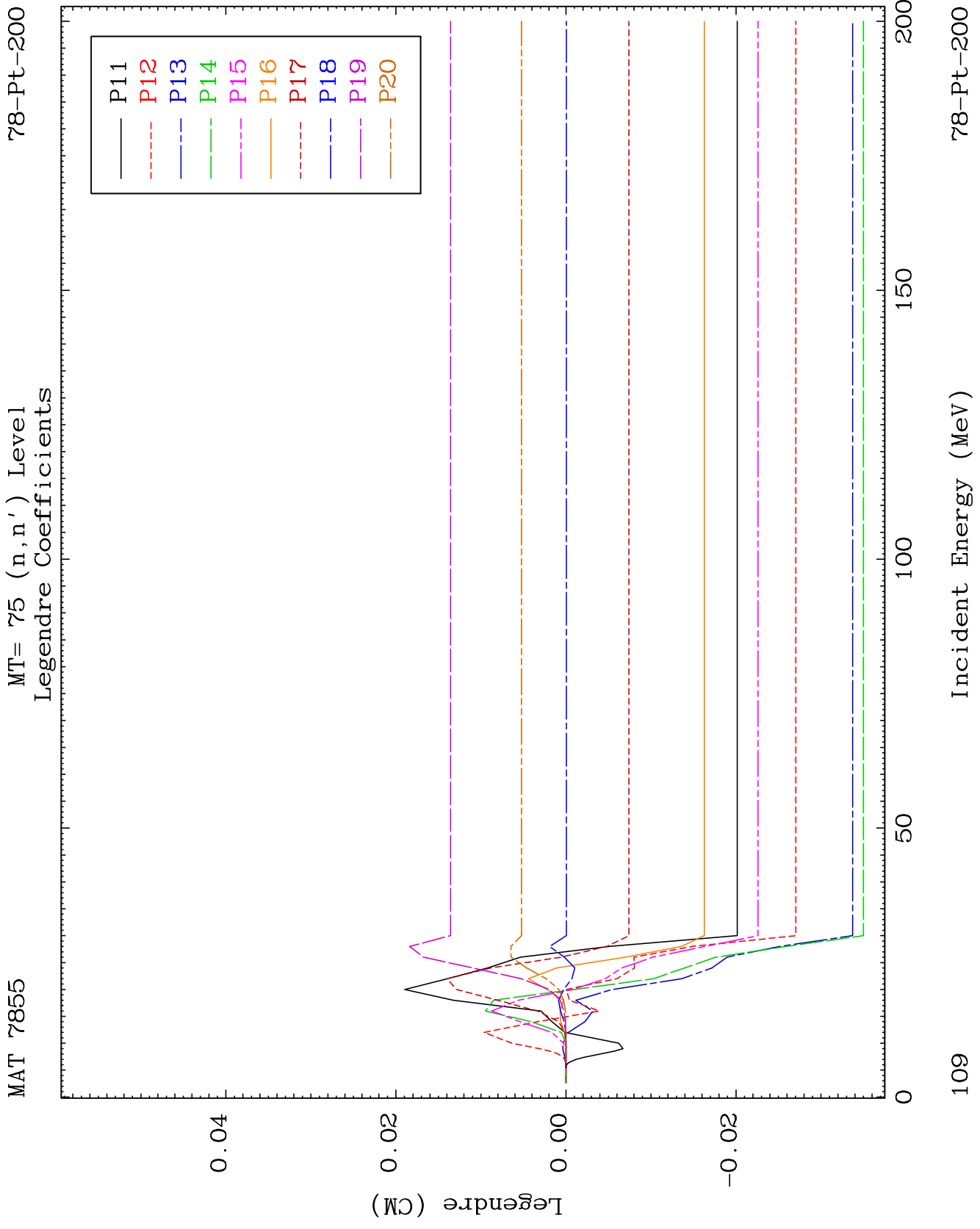
106

Incident Energy (MeV)

78-Pt-200



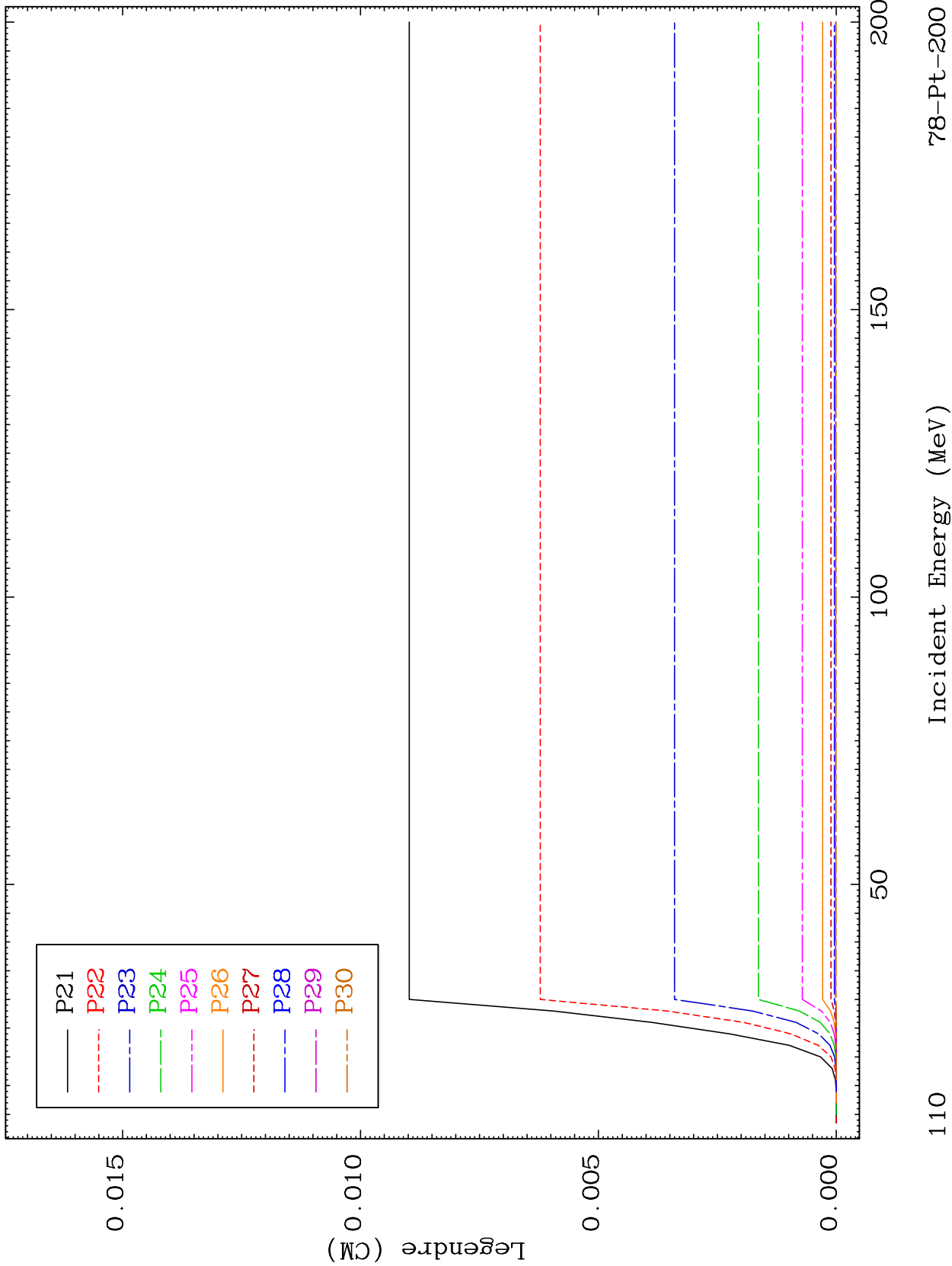




MAT 7855

MT= 75 (n,n') Level
Legendre Coefficients

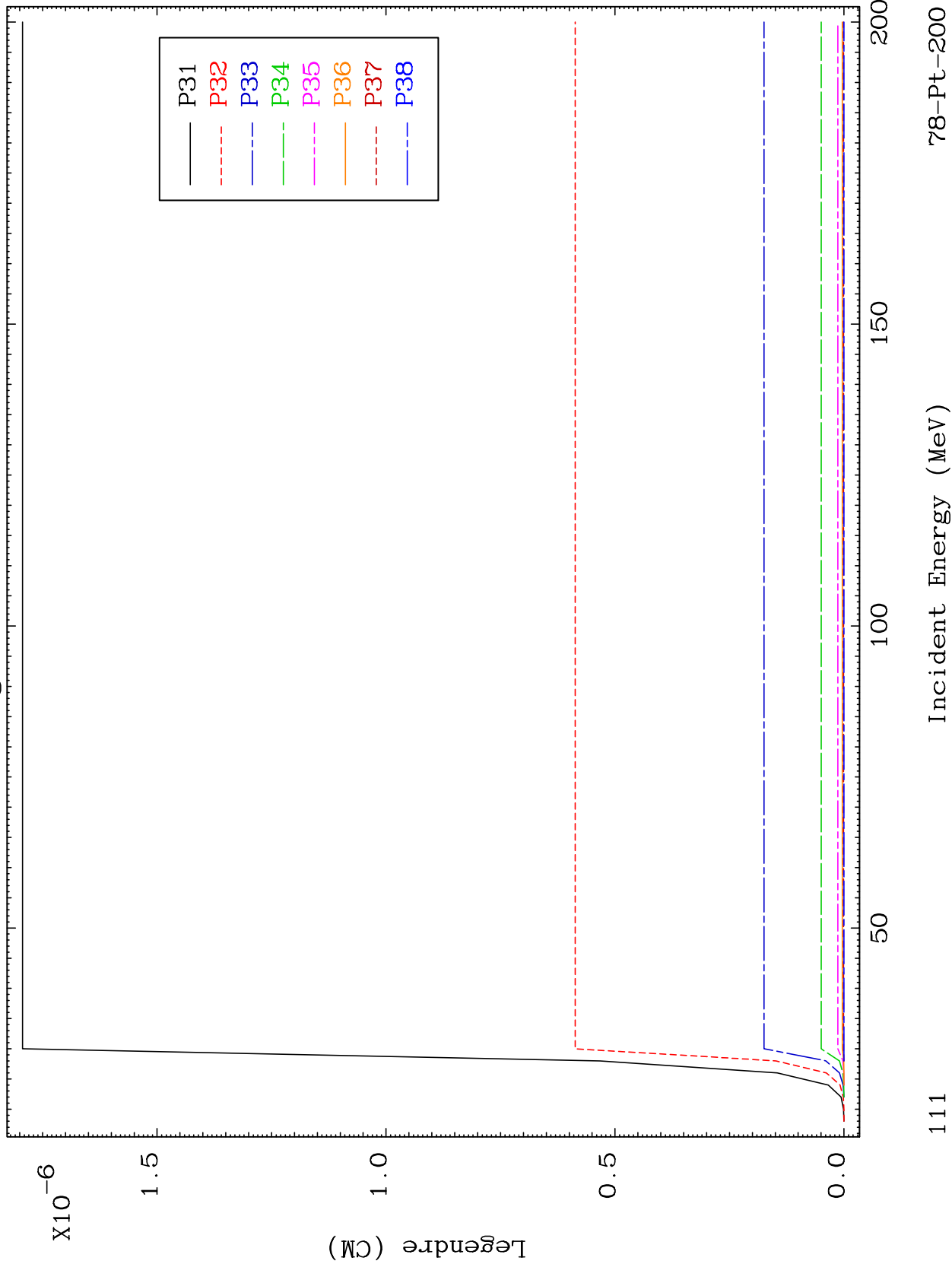
78-Pt-200



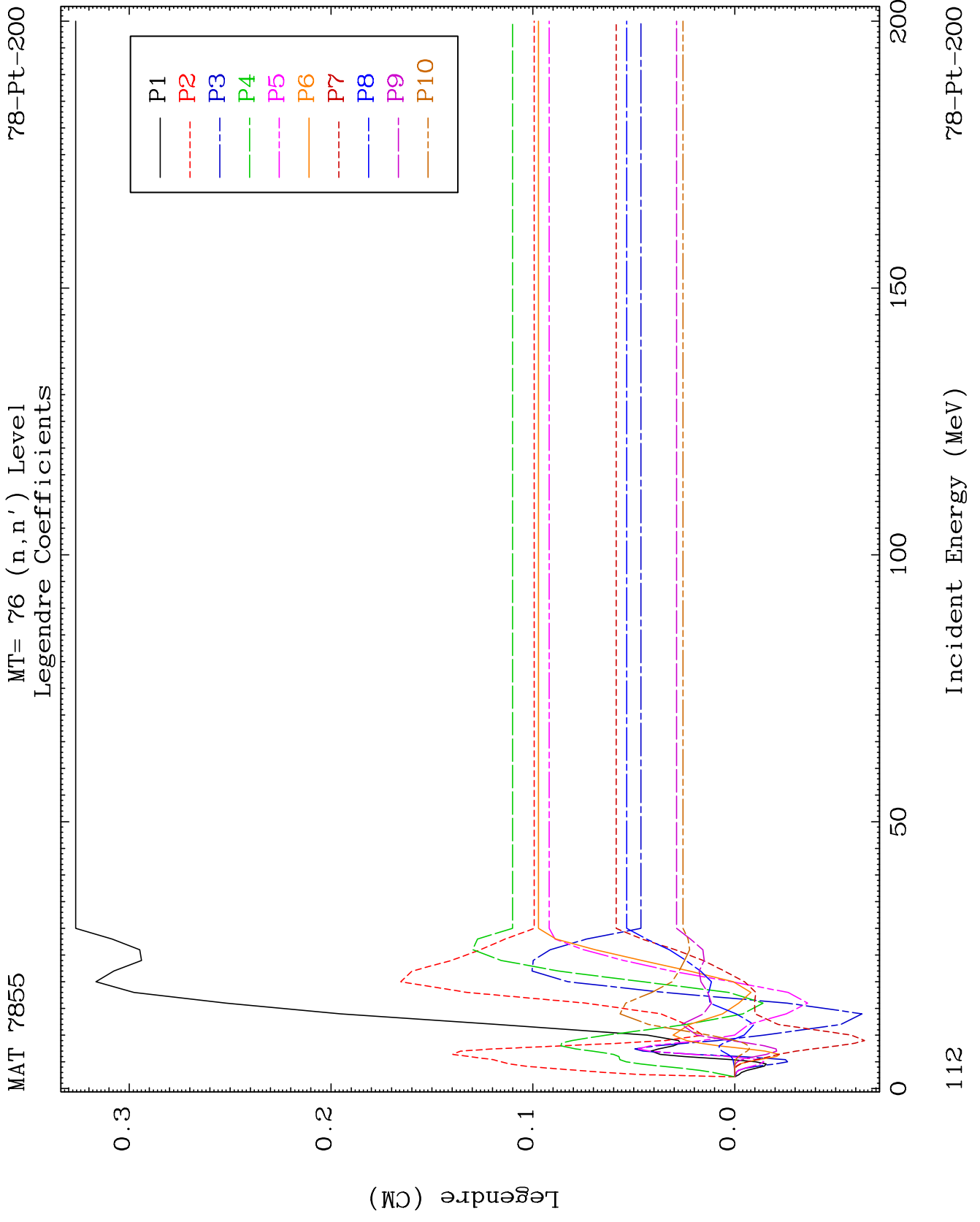
MAT 7855

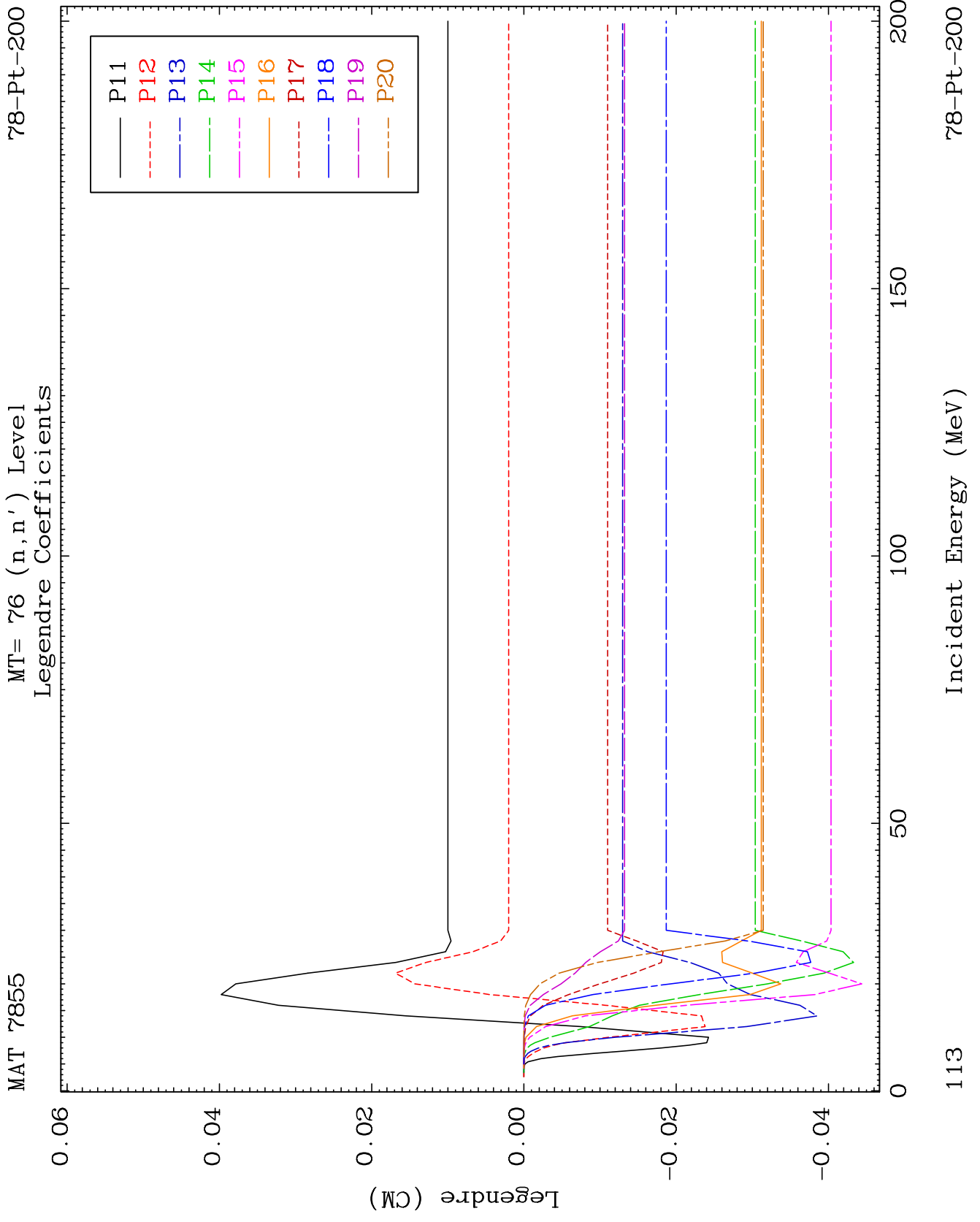
MT= 75 (n,n') Level
Legendre Coefficients

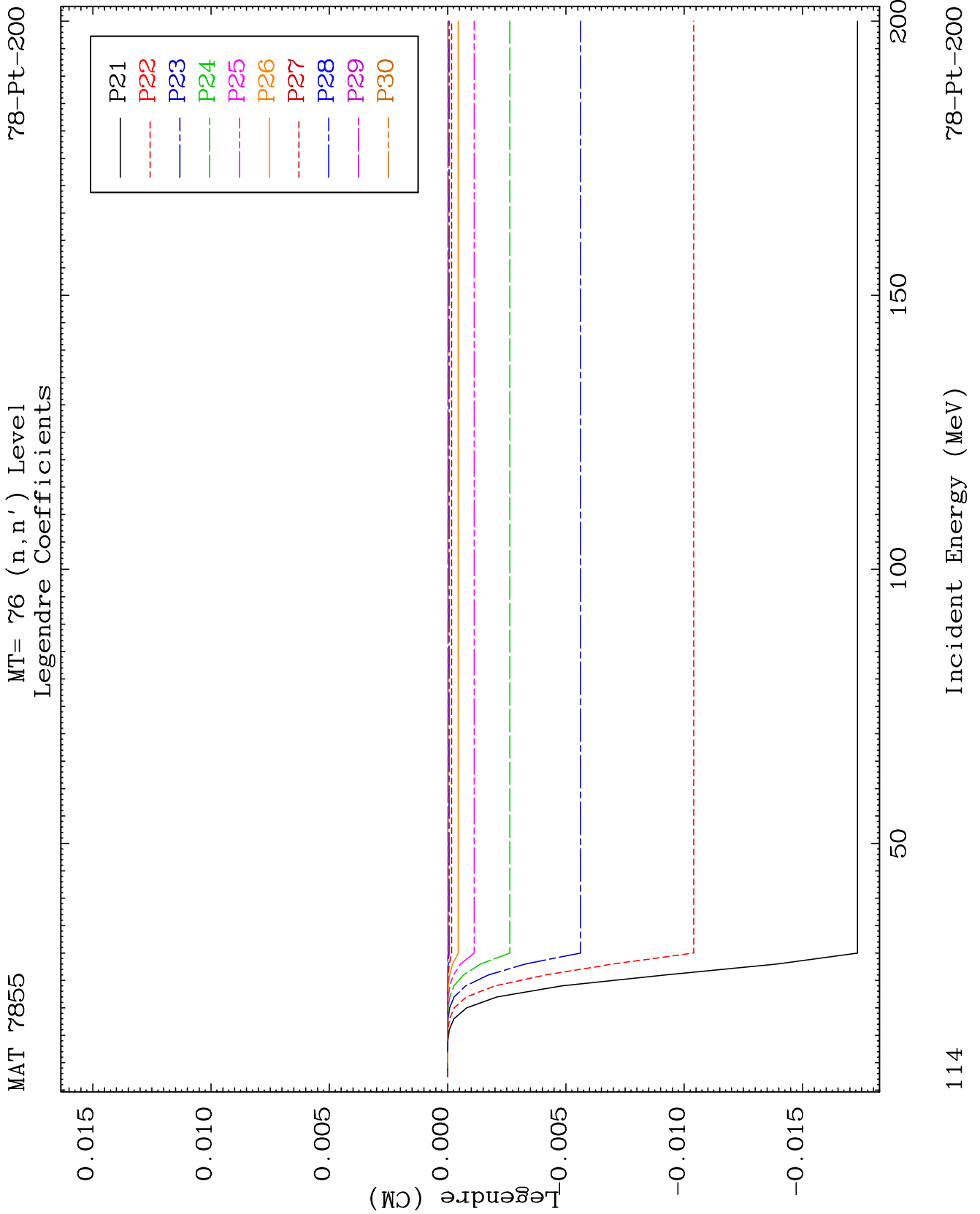
78-Pt-200

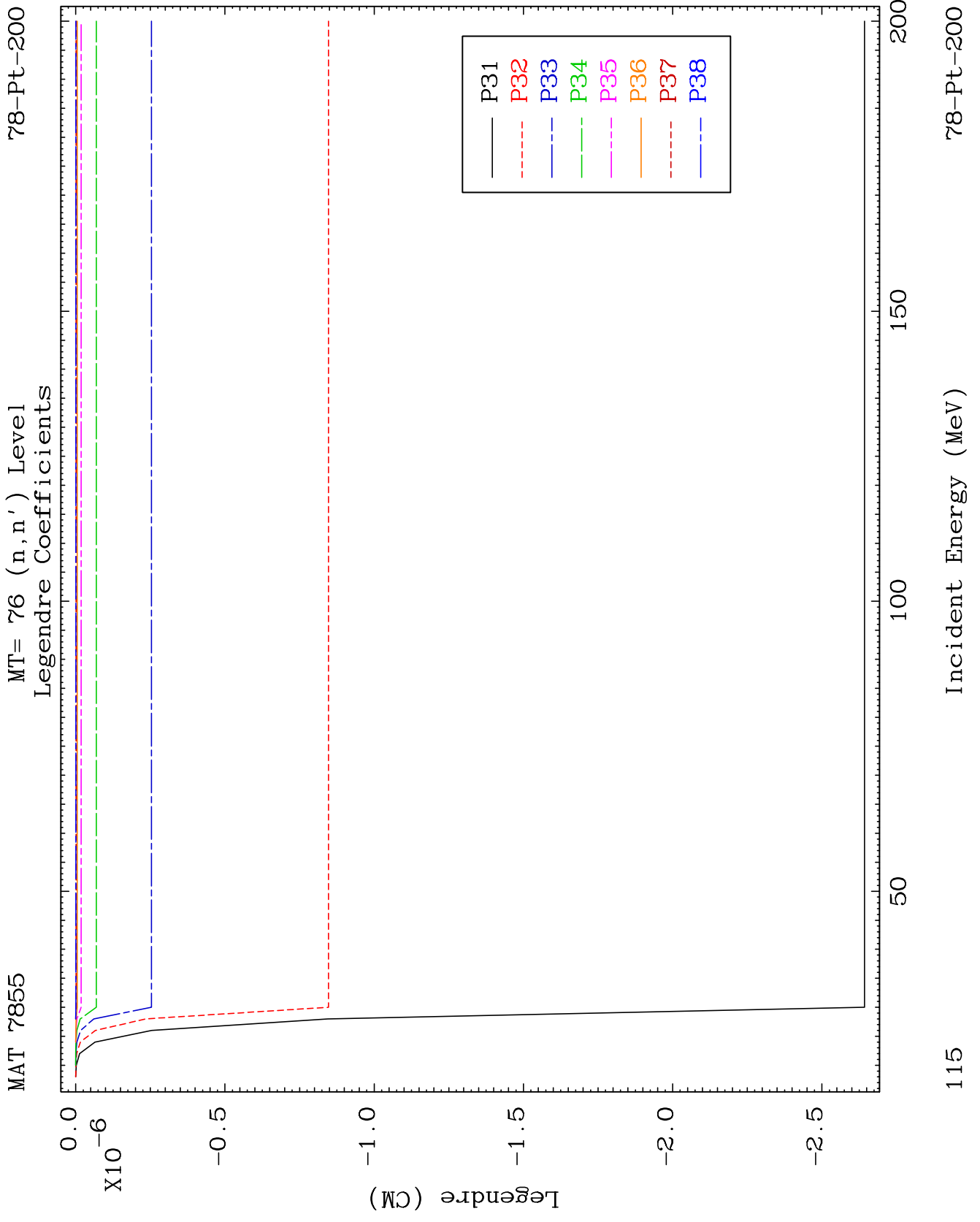


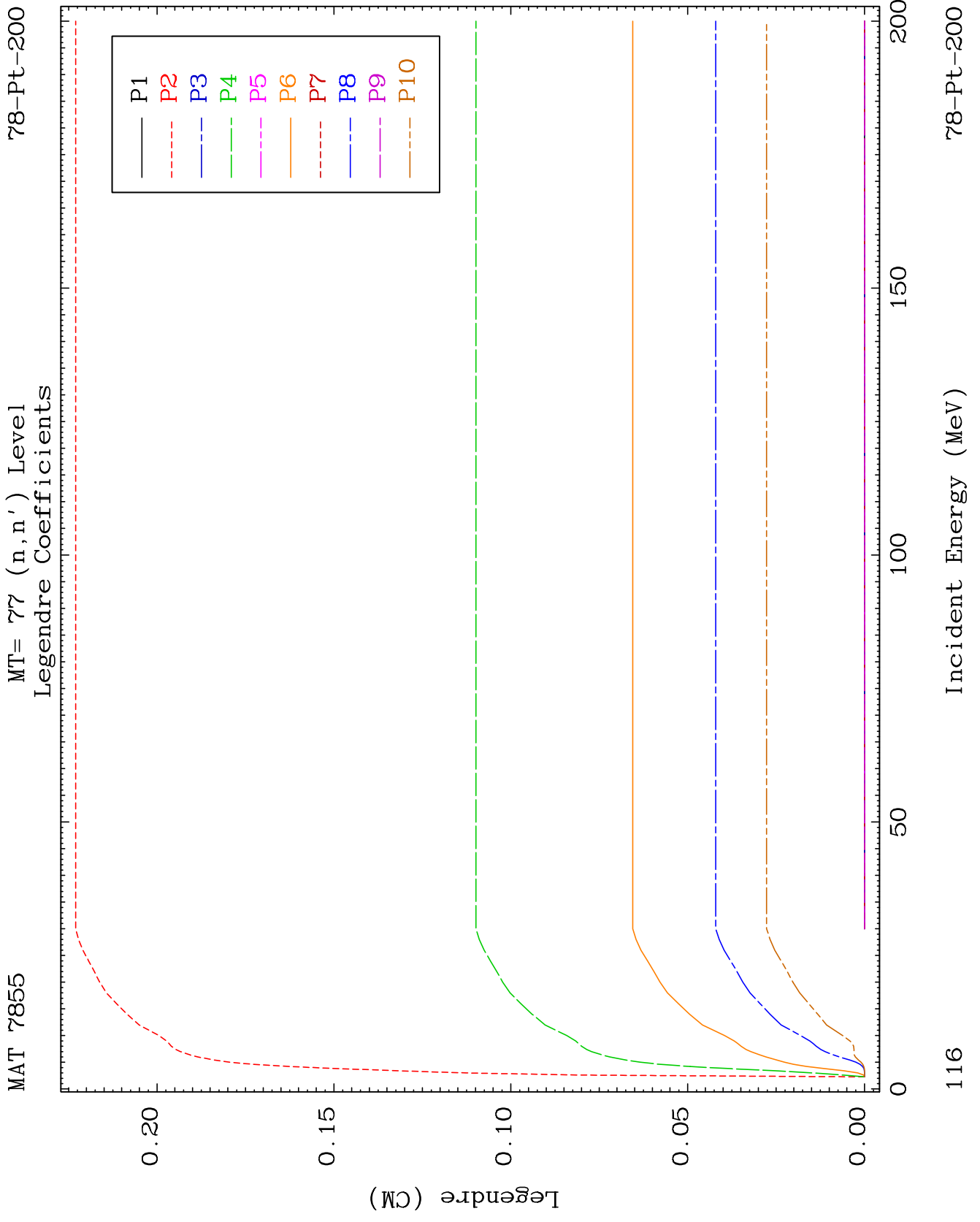
111







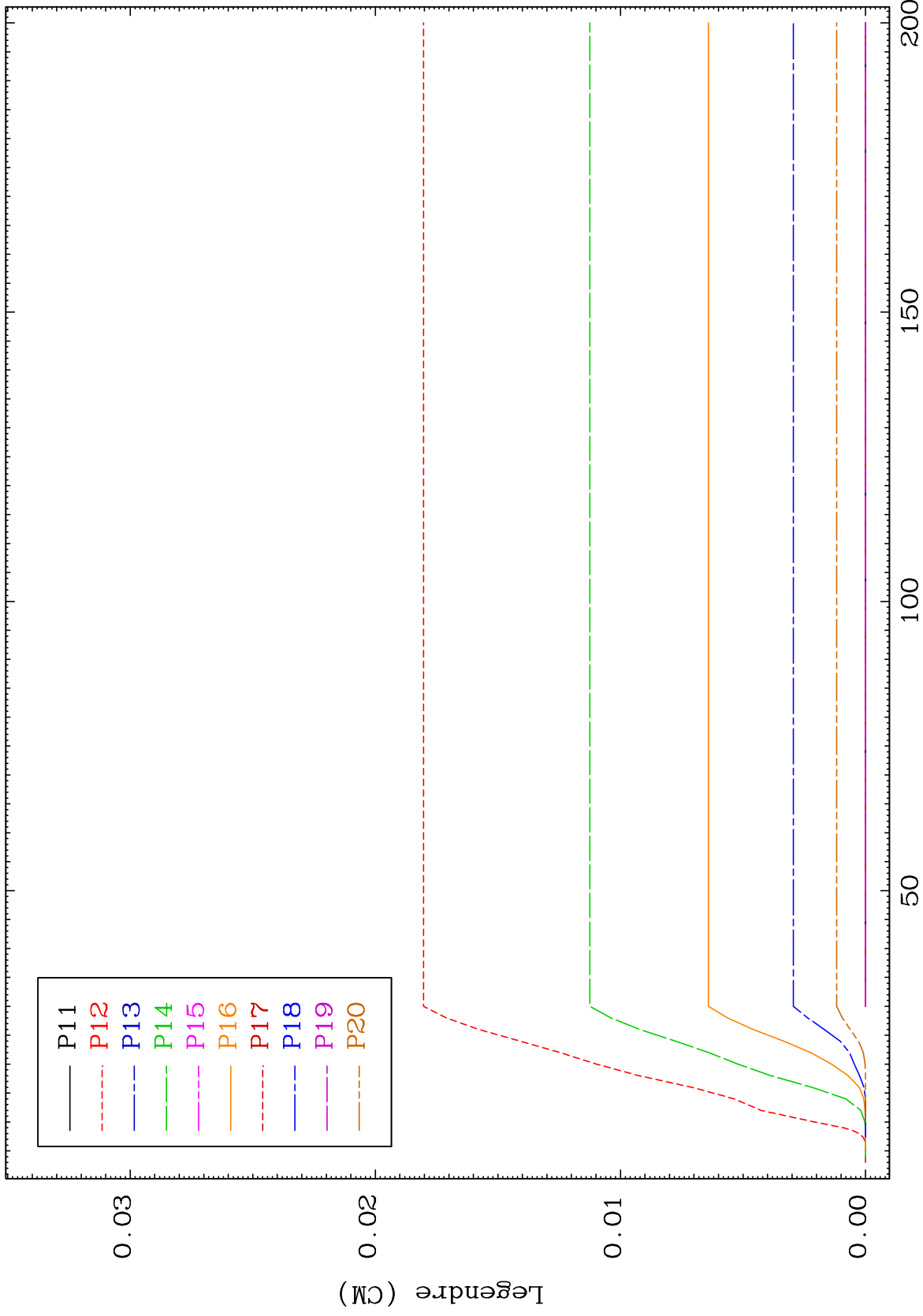




MAT 7855

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

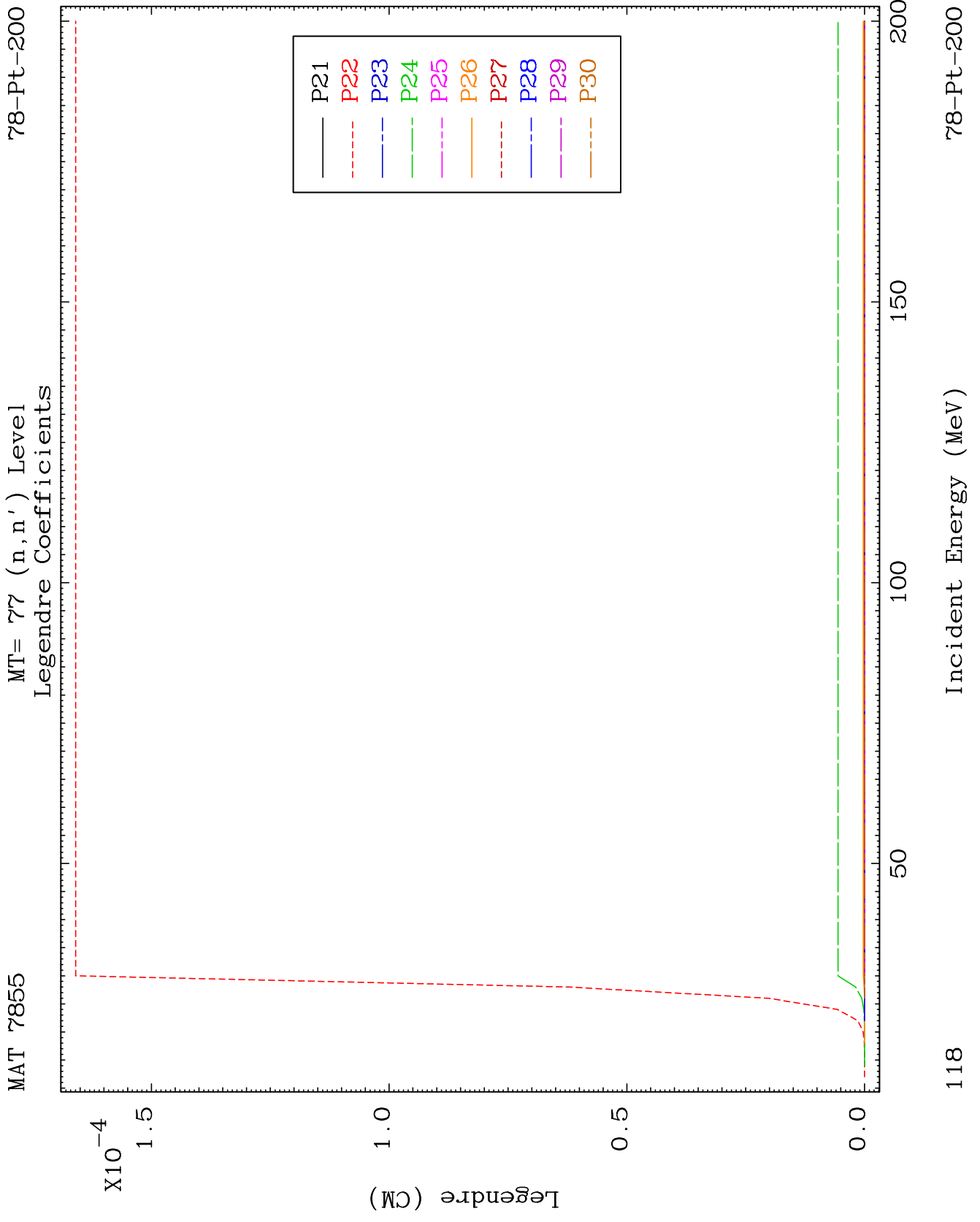
78-Pt-200

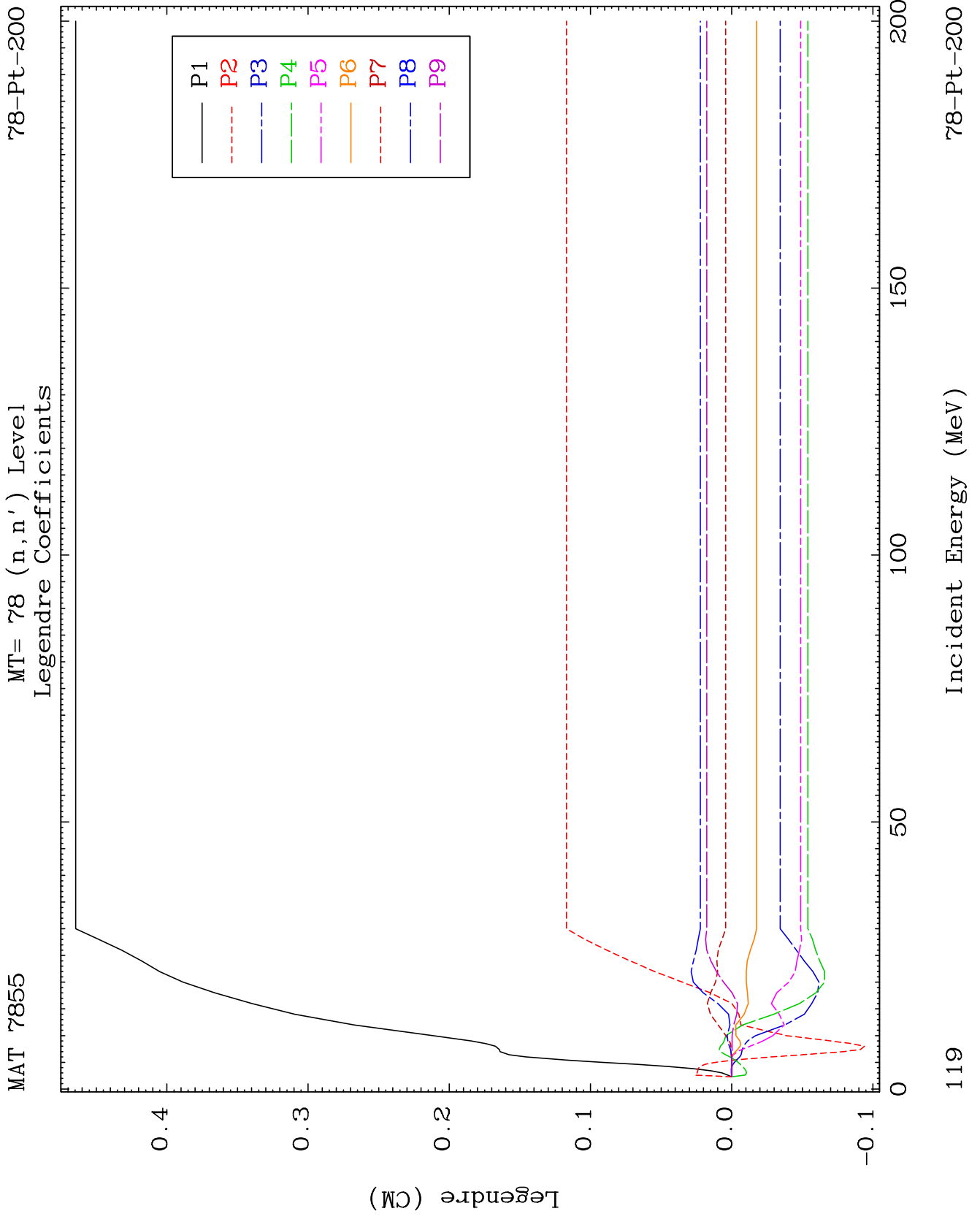


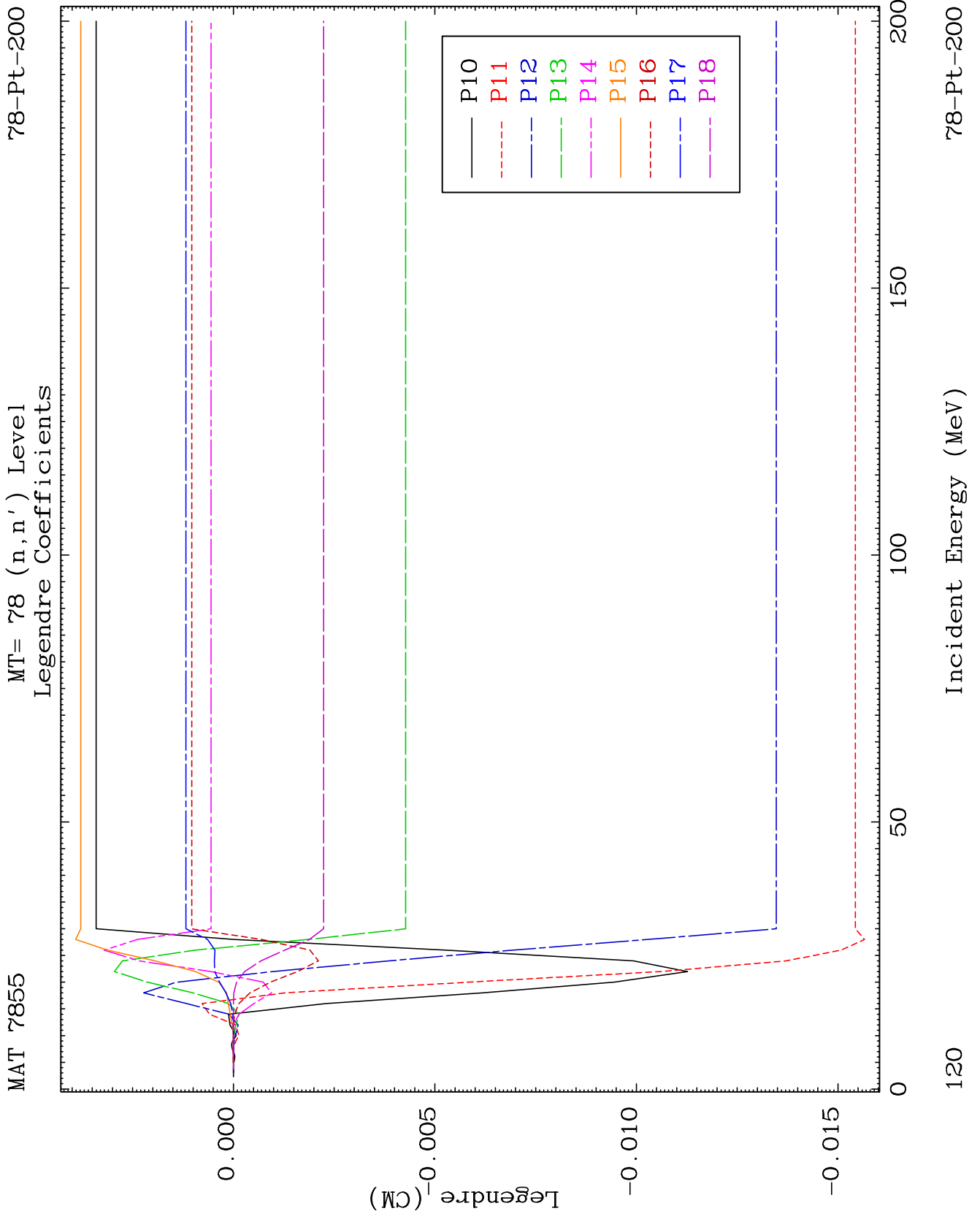
117

Incident Energy (MeV)

78-Pt-200



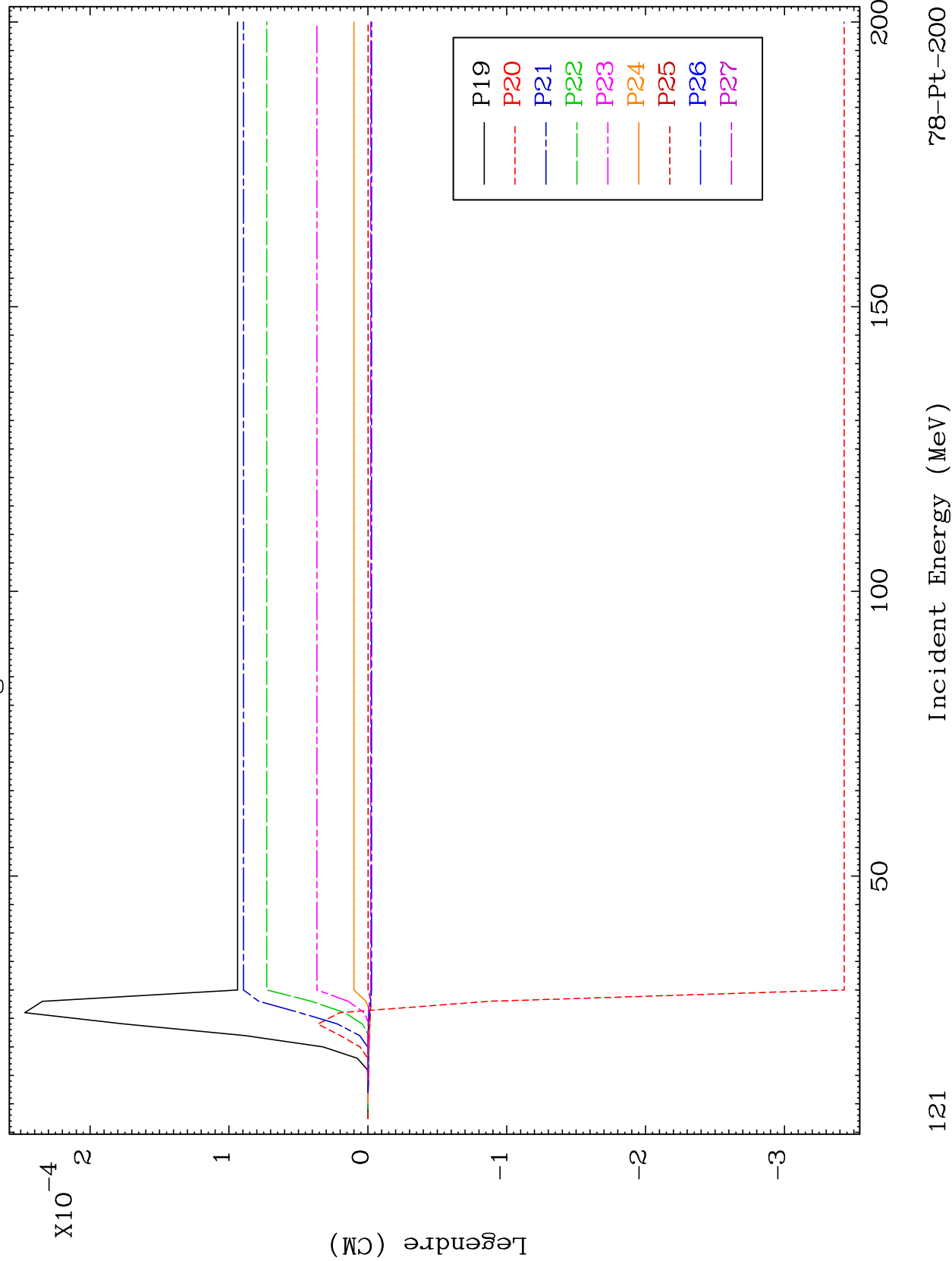




MAT 7855

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

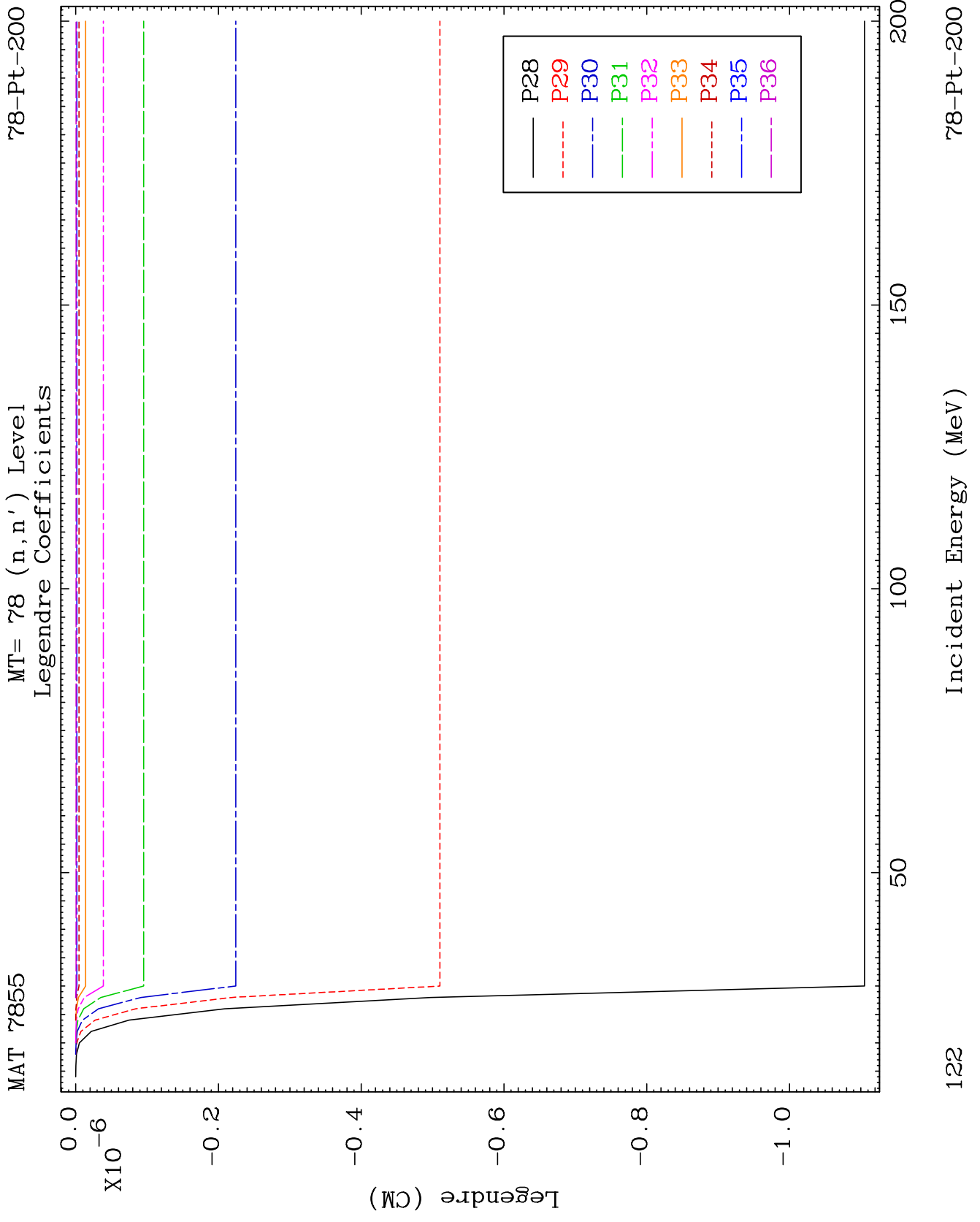
78-Pt-200

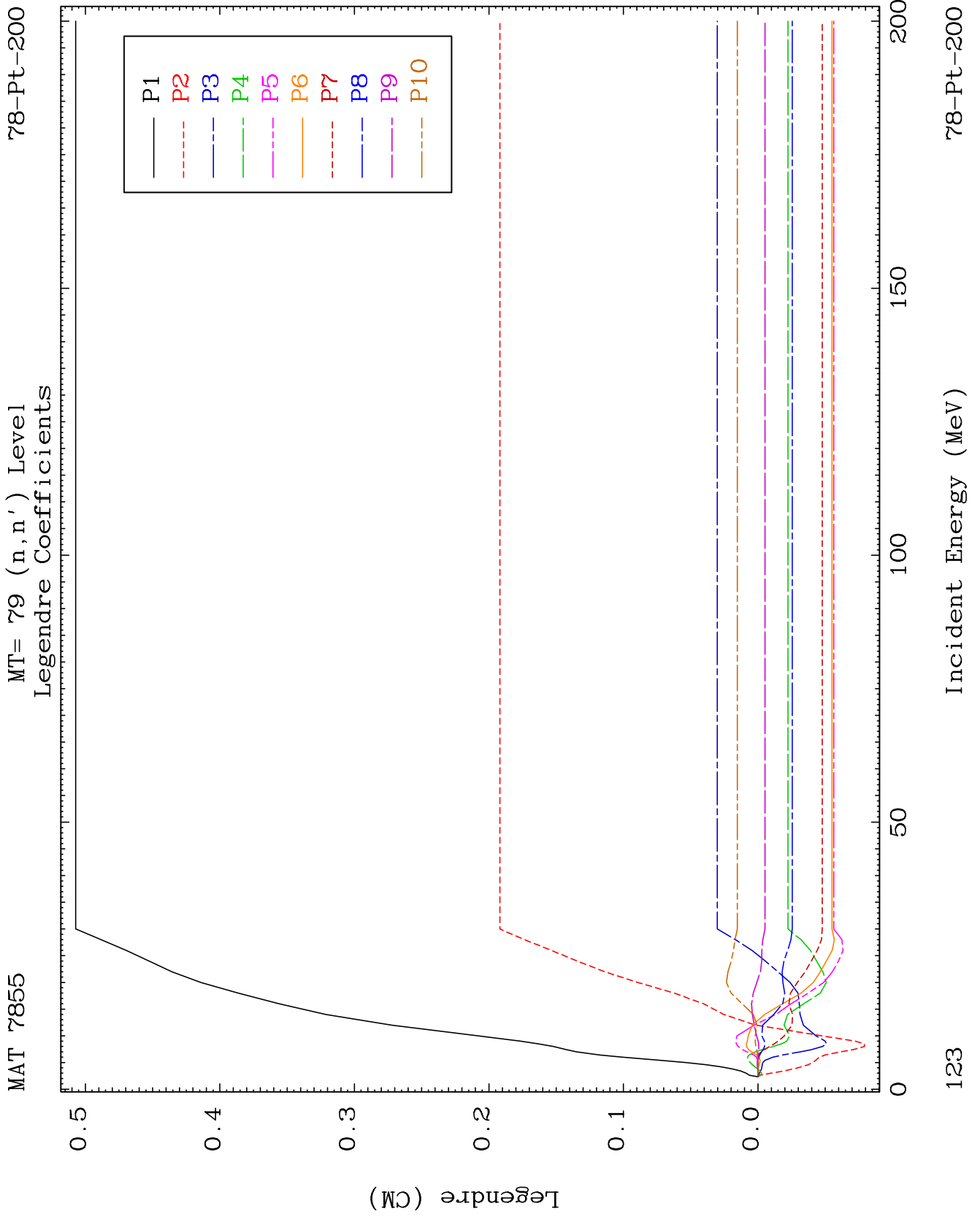


121

Incident Energy (MeV)

78-Pt-200

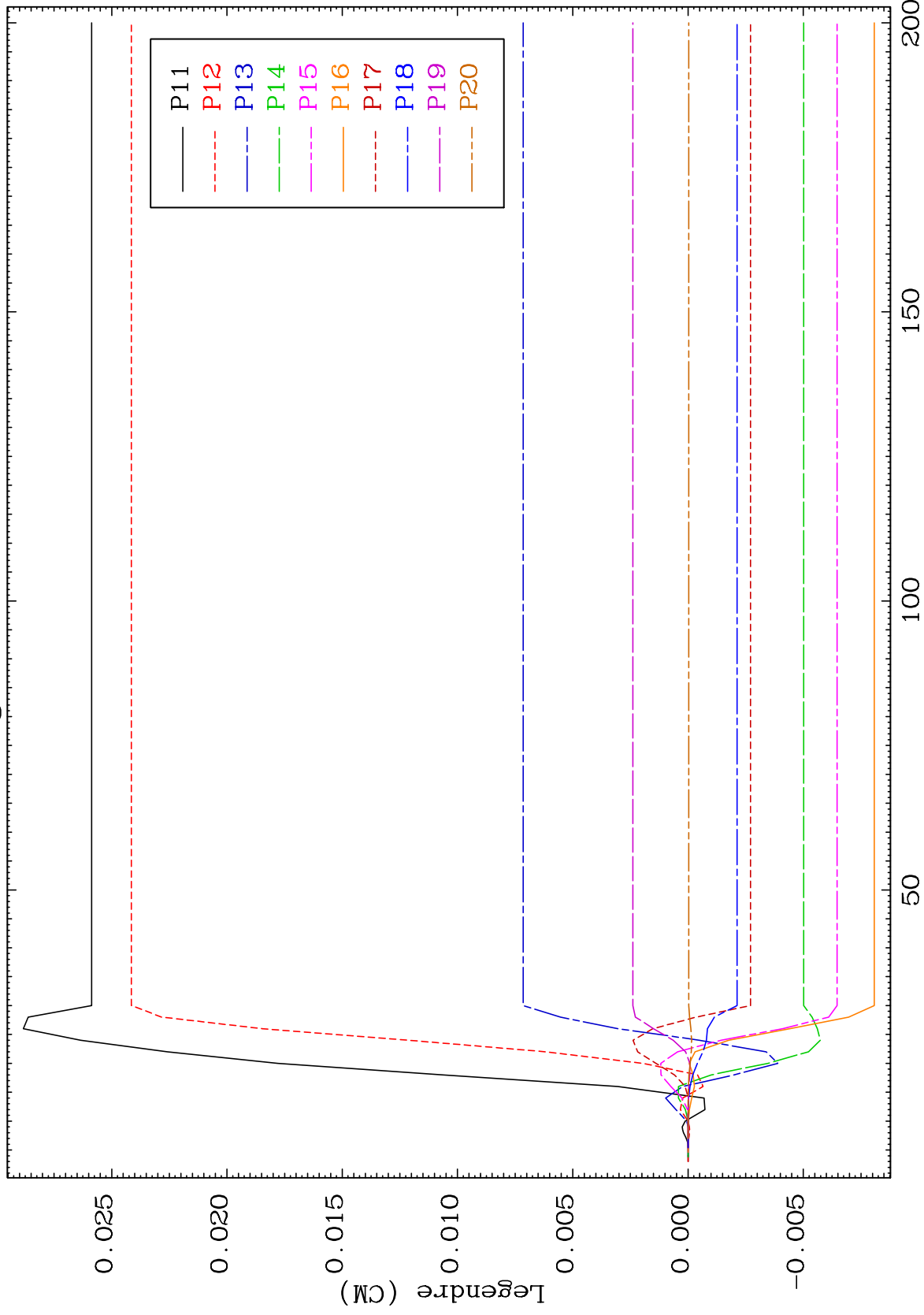




MAT 7855

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

78-Pt-200



124

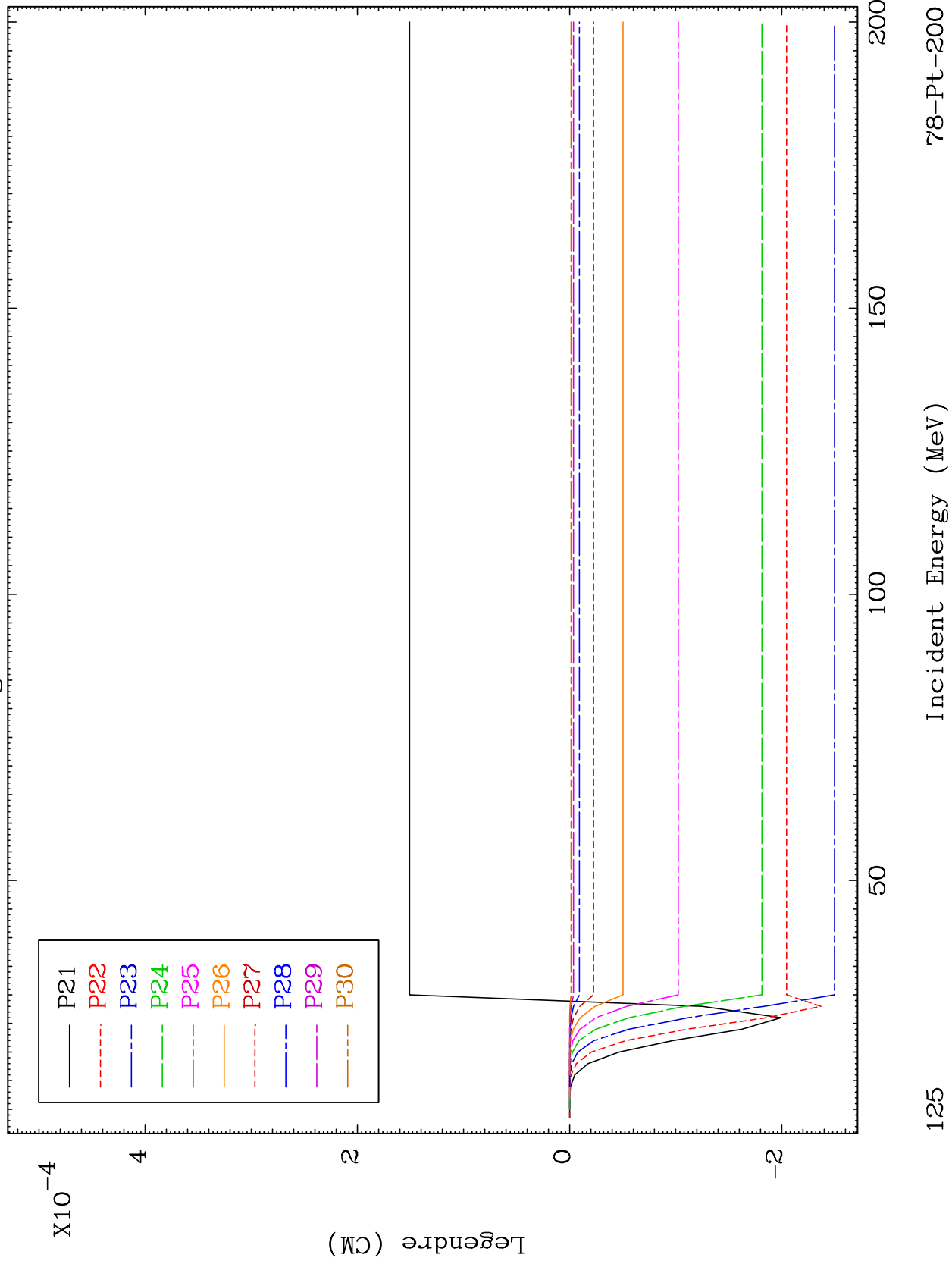
Incident Energy (MeV)

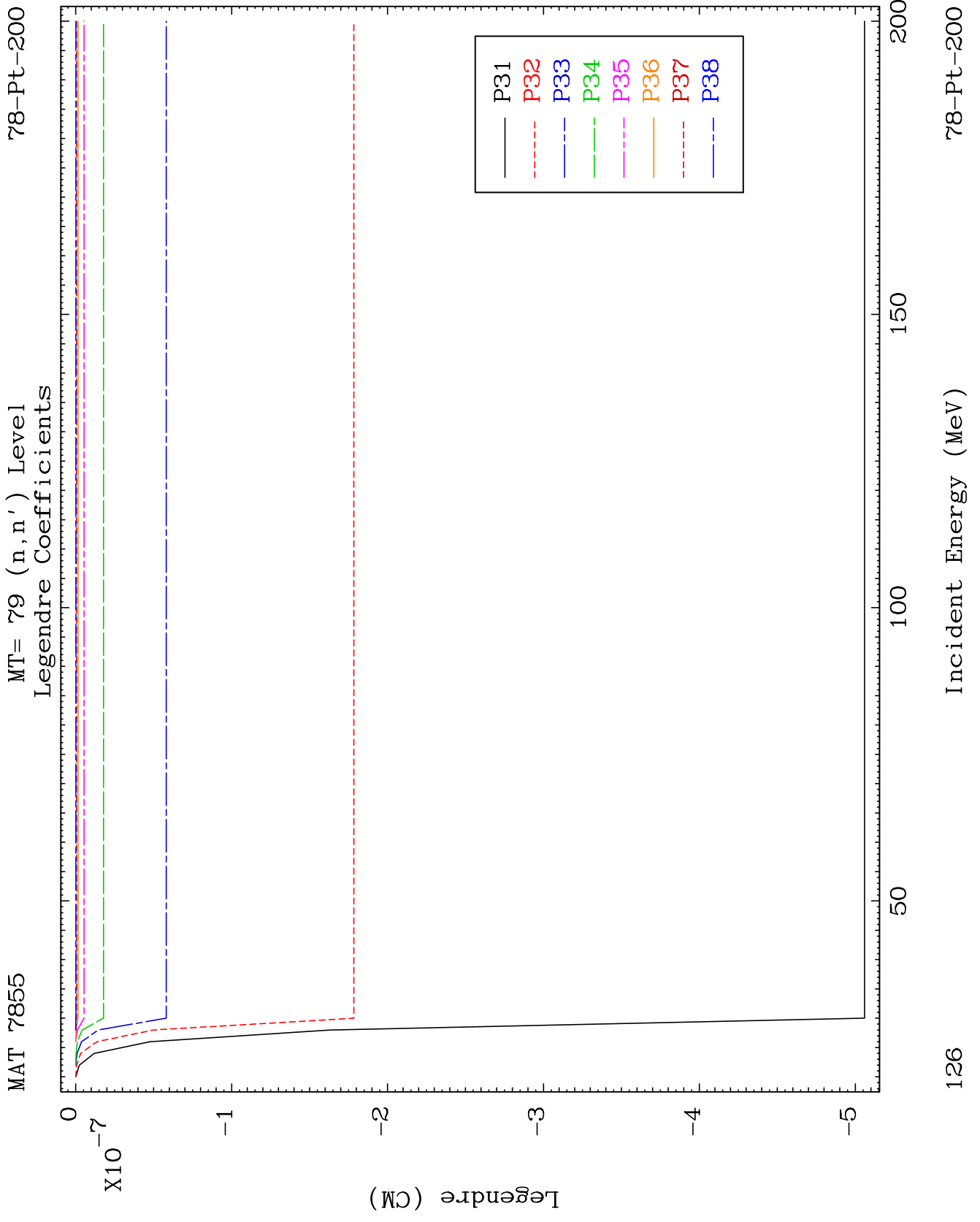
78-Pt-200

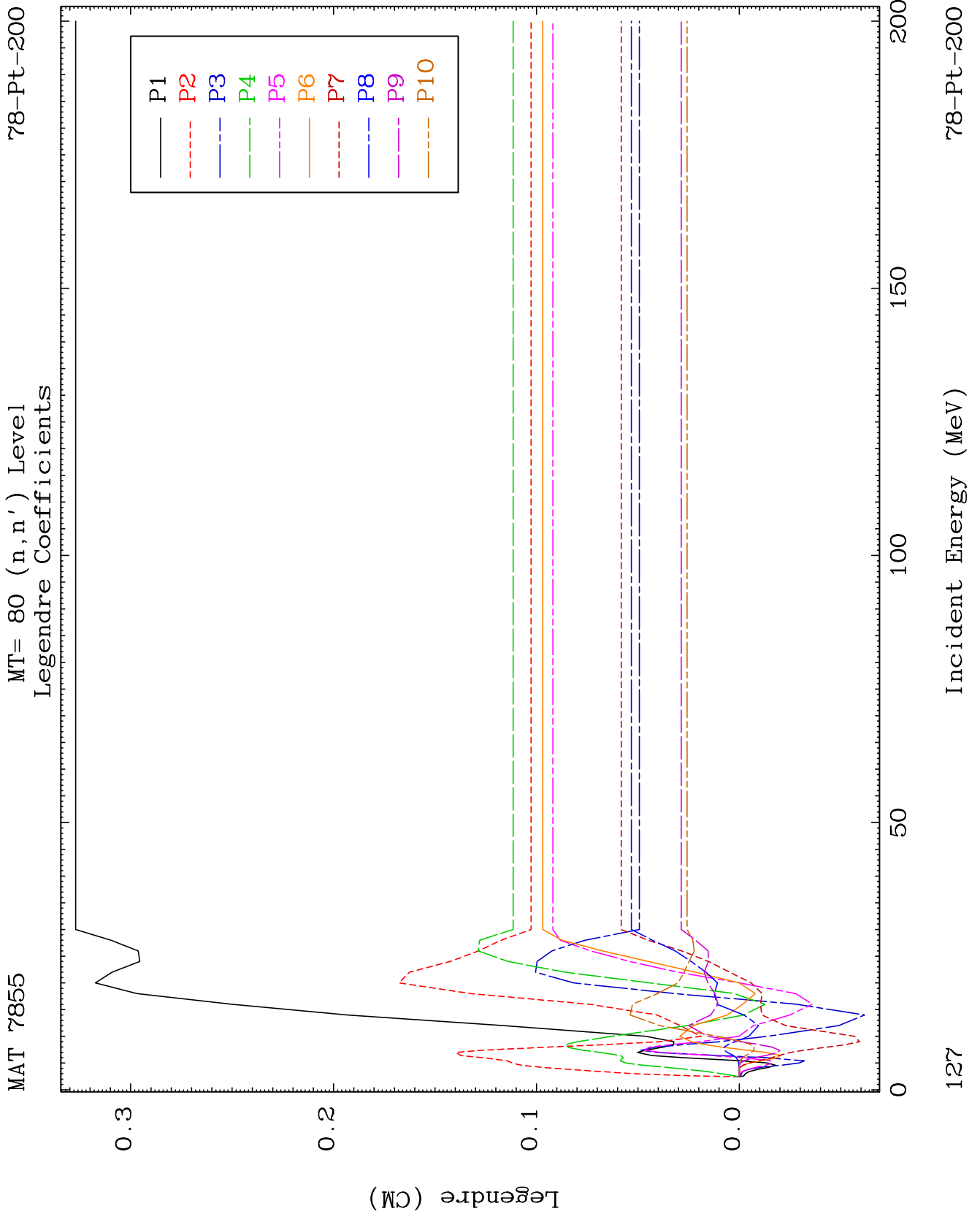
MAT 7855

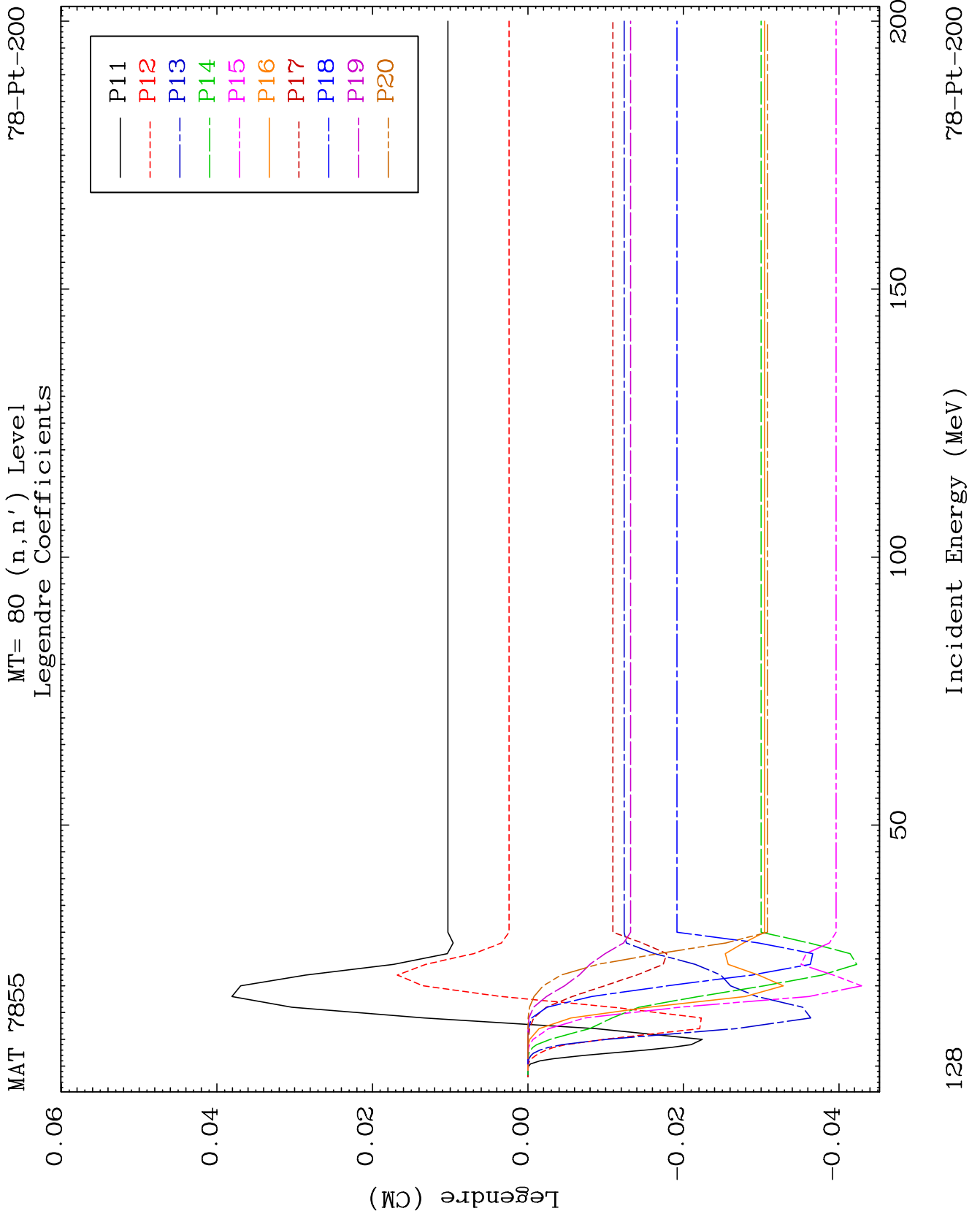
MT= 79 (n,n') Level
Legendre Coefficients

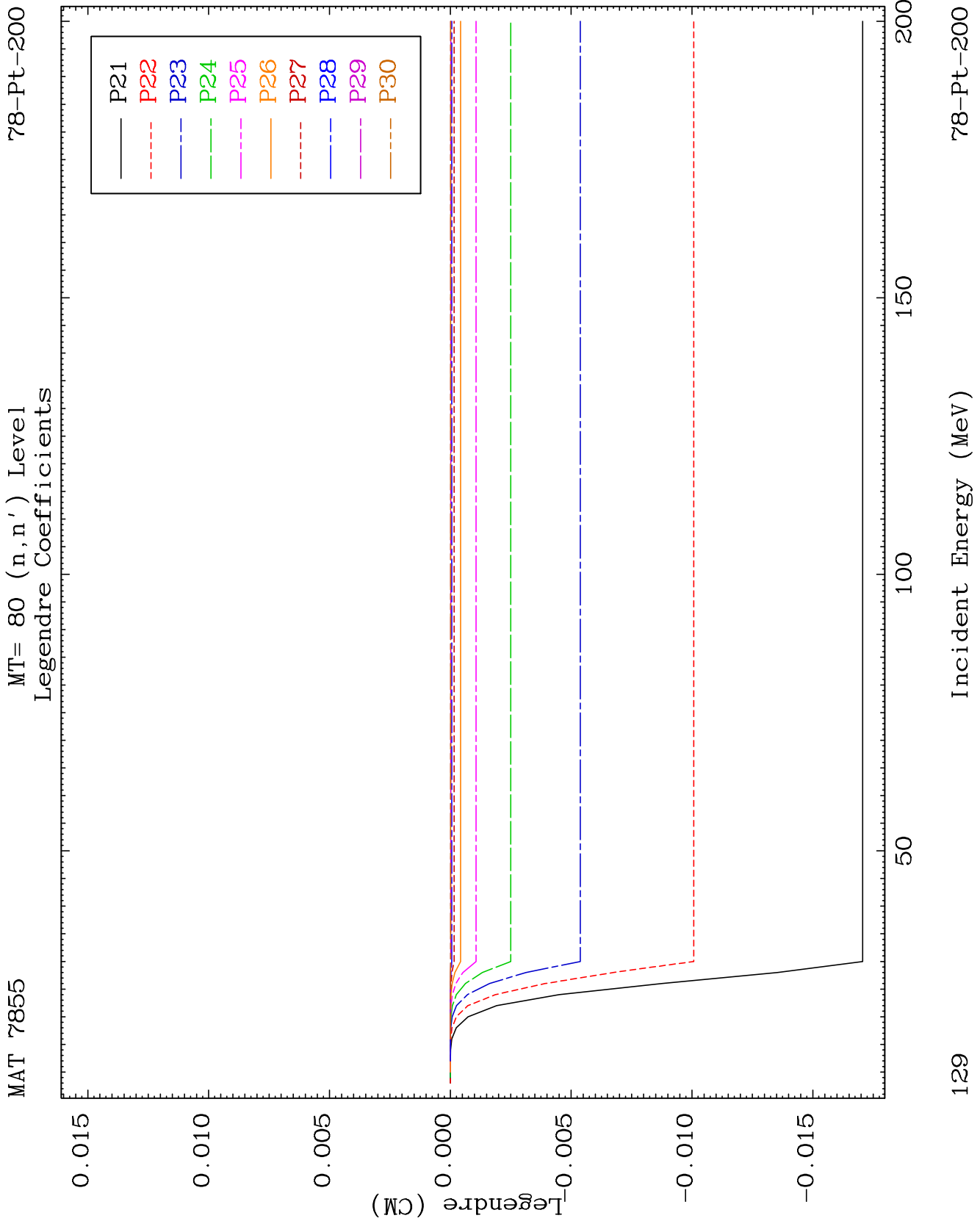
78-Pt-200









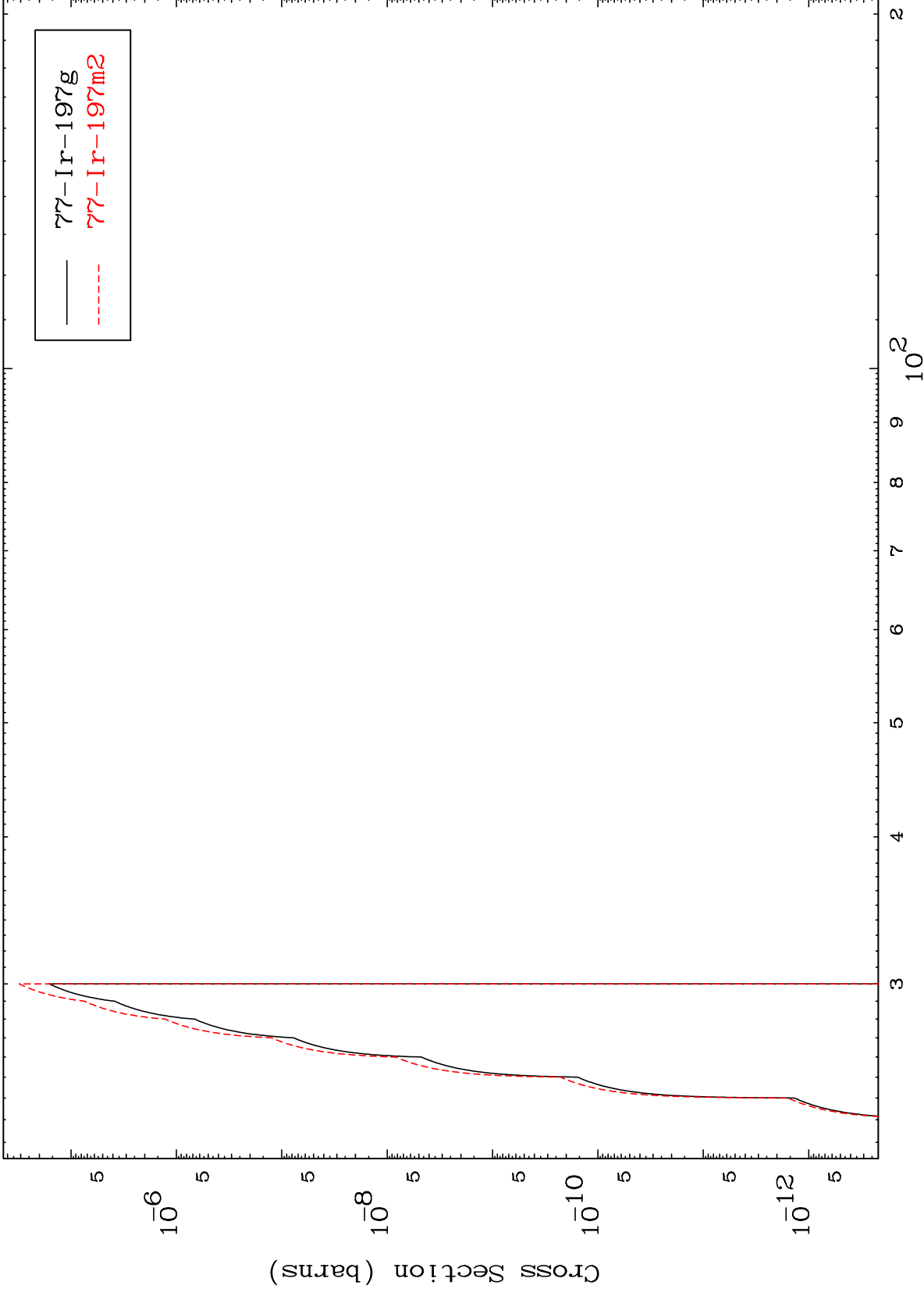


MAT 7855

(n,2n) d

78-Pt-200

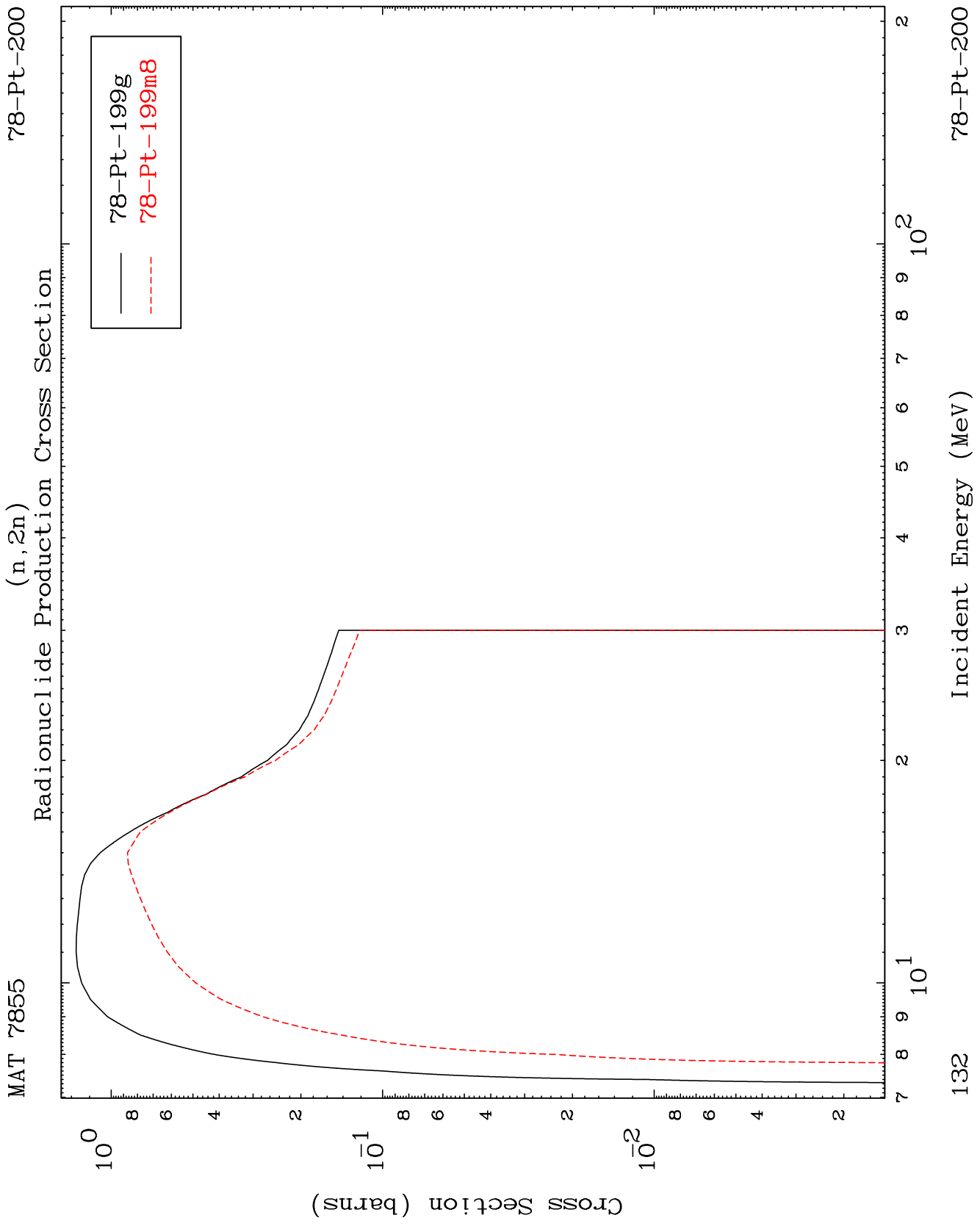
Radionuclide Production Cross Section



131

Incident Energy (MeV)

78-Pt-200

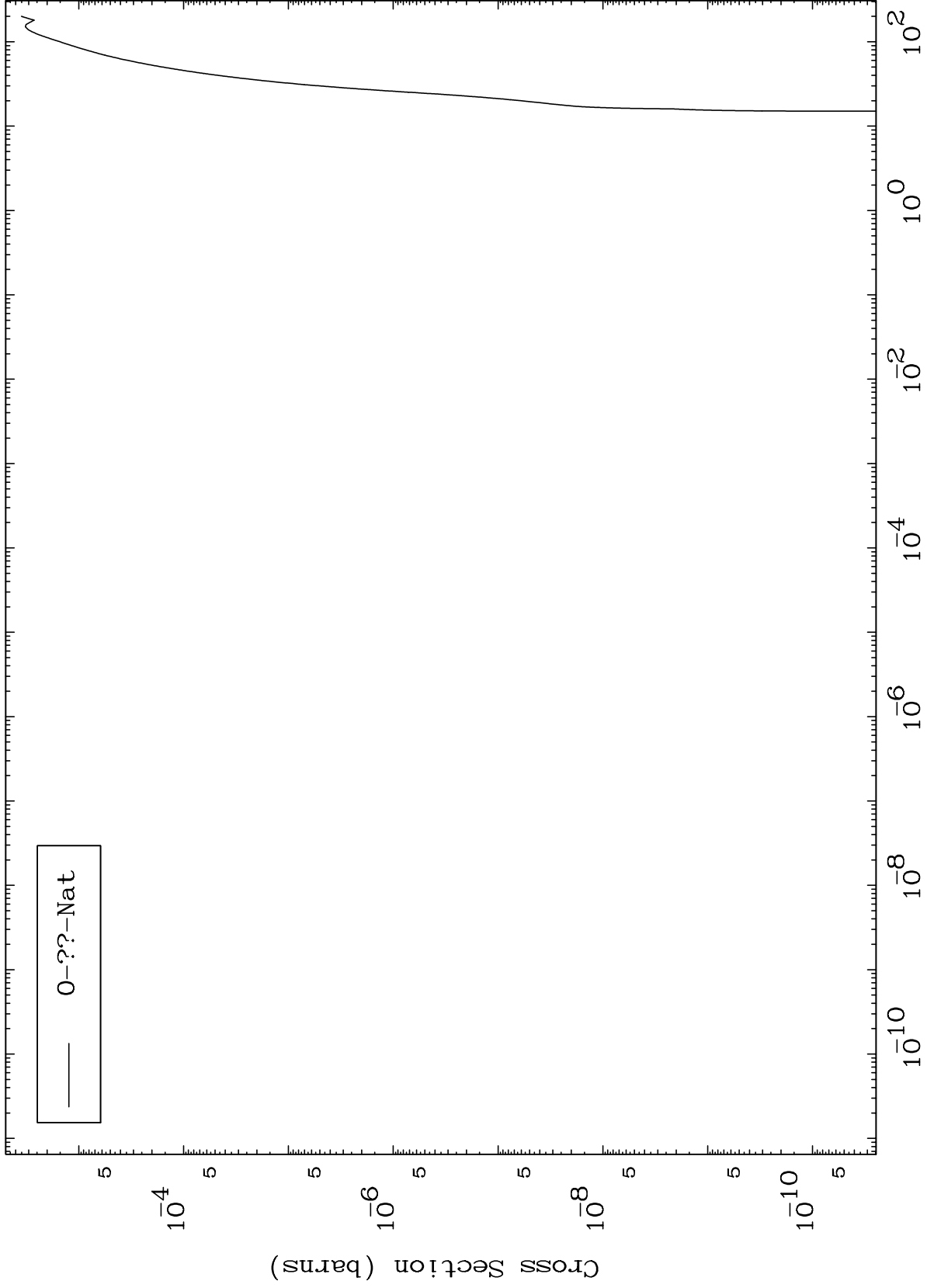


MAT 7855

Fission

78-Pt-200

Radionuclide Production Cross Section

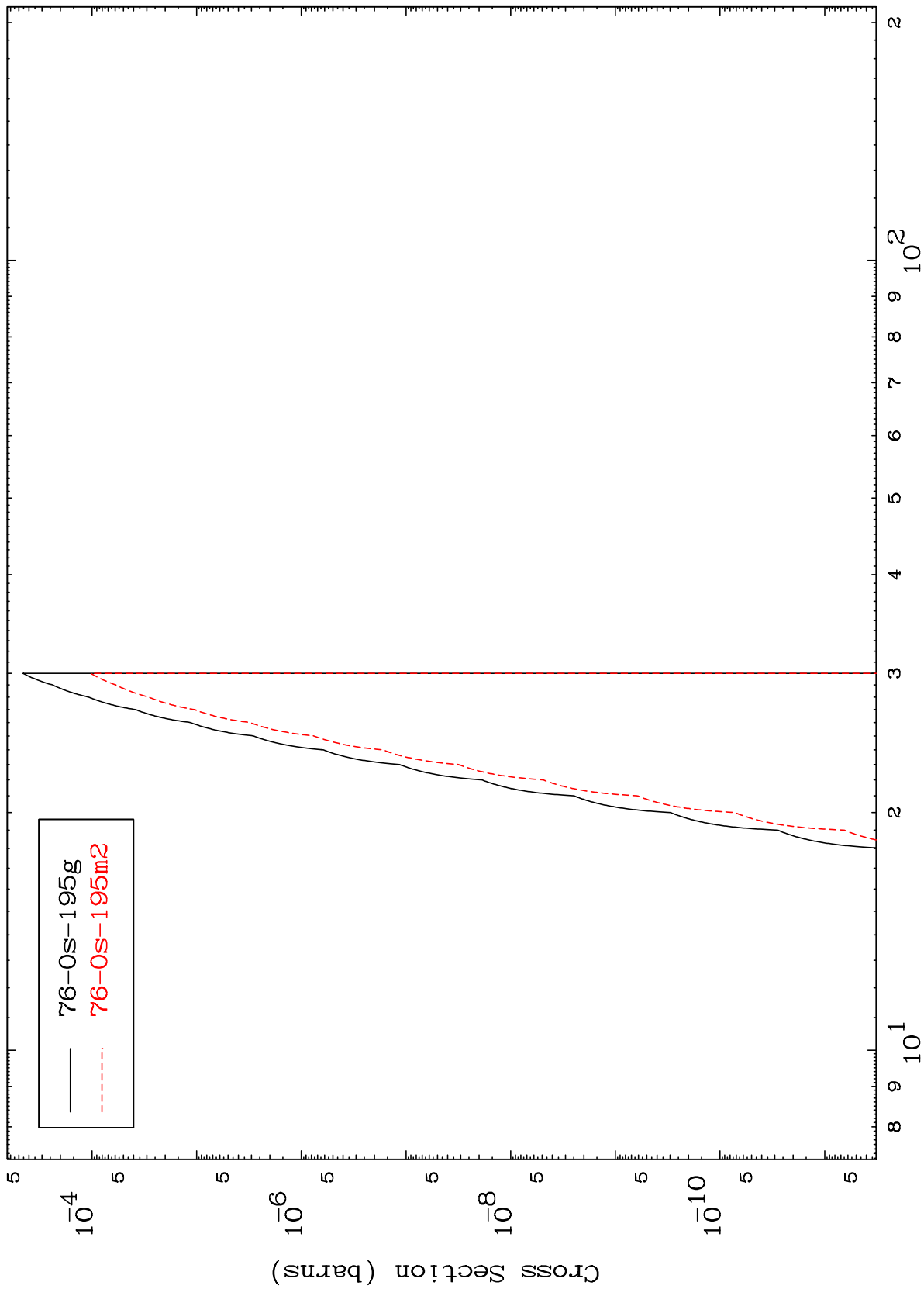


MAT 7855

(n,2n) α

78-Pt-200

Radionuclide Production Cross Section



134

Incident Energy (MeV)

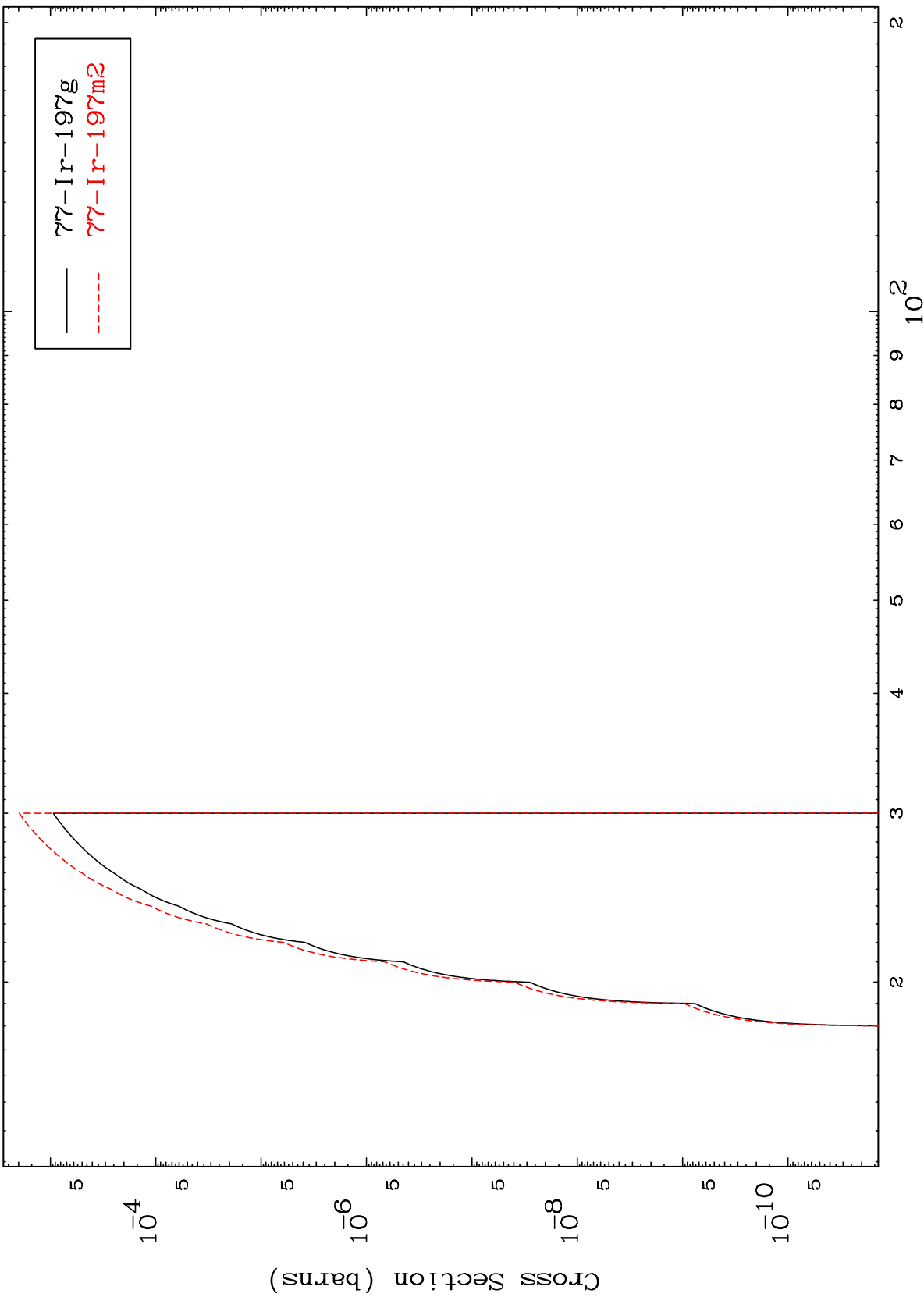
78-Pt-200

MAT 7855

(n,n') t

78-Pt-200

Radionuclide Production Cross Section



135

Incident Energy (MeV)

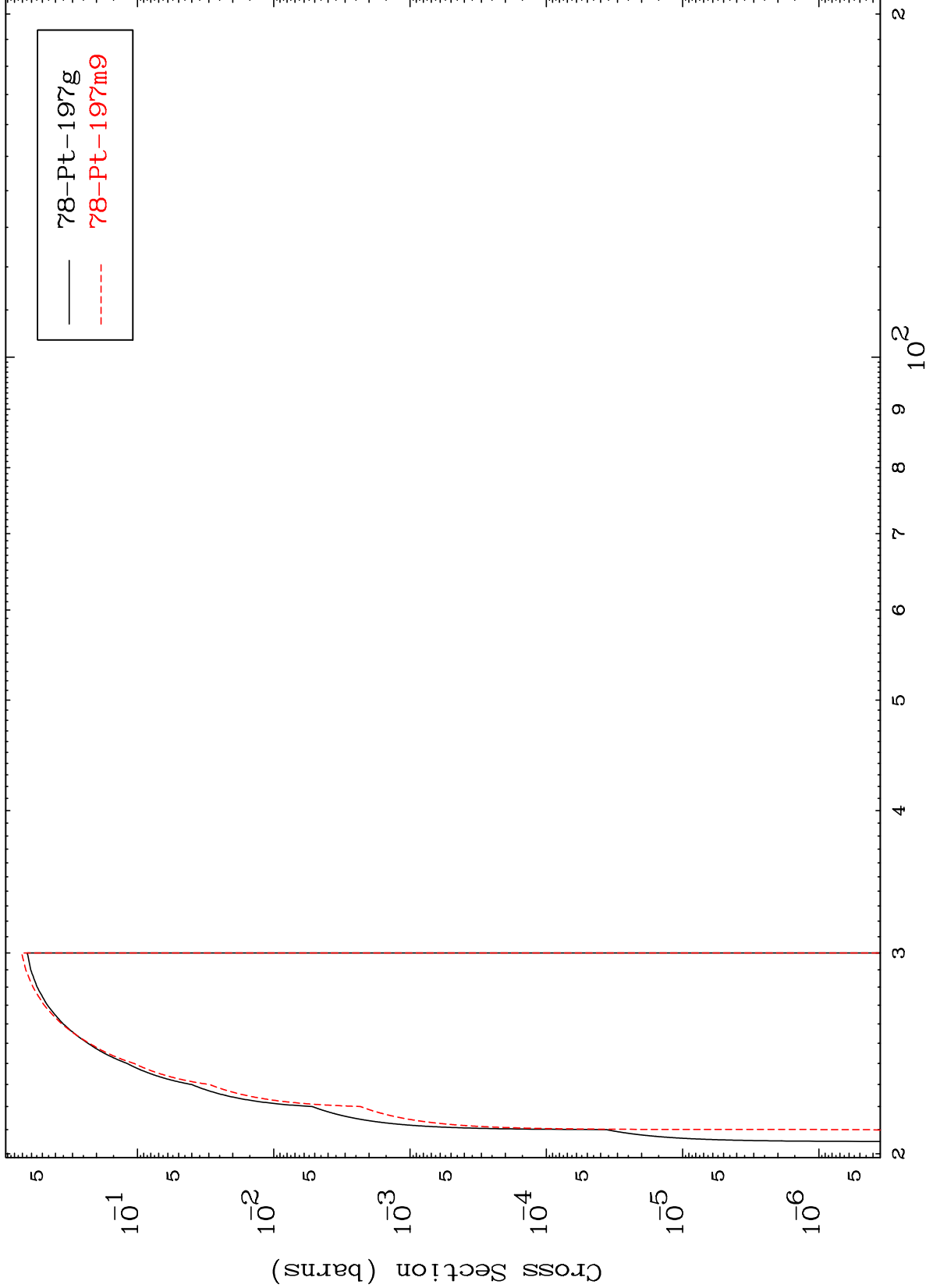
78-Pt-200

MAT 7855

(n,4n)

78-Pt-200

Radionuclide Production Cross Section



136

Incident Energy (MeV)

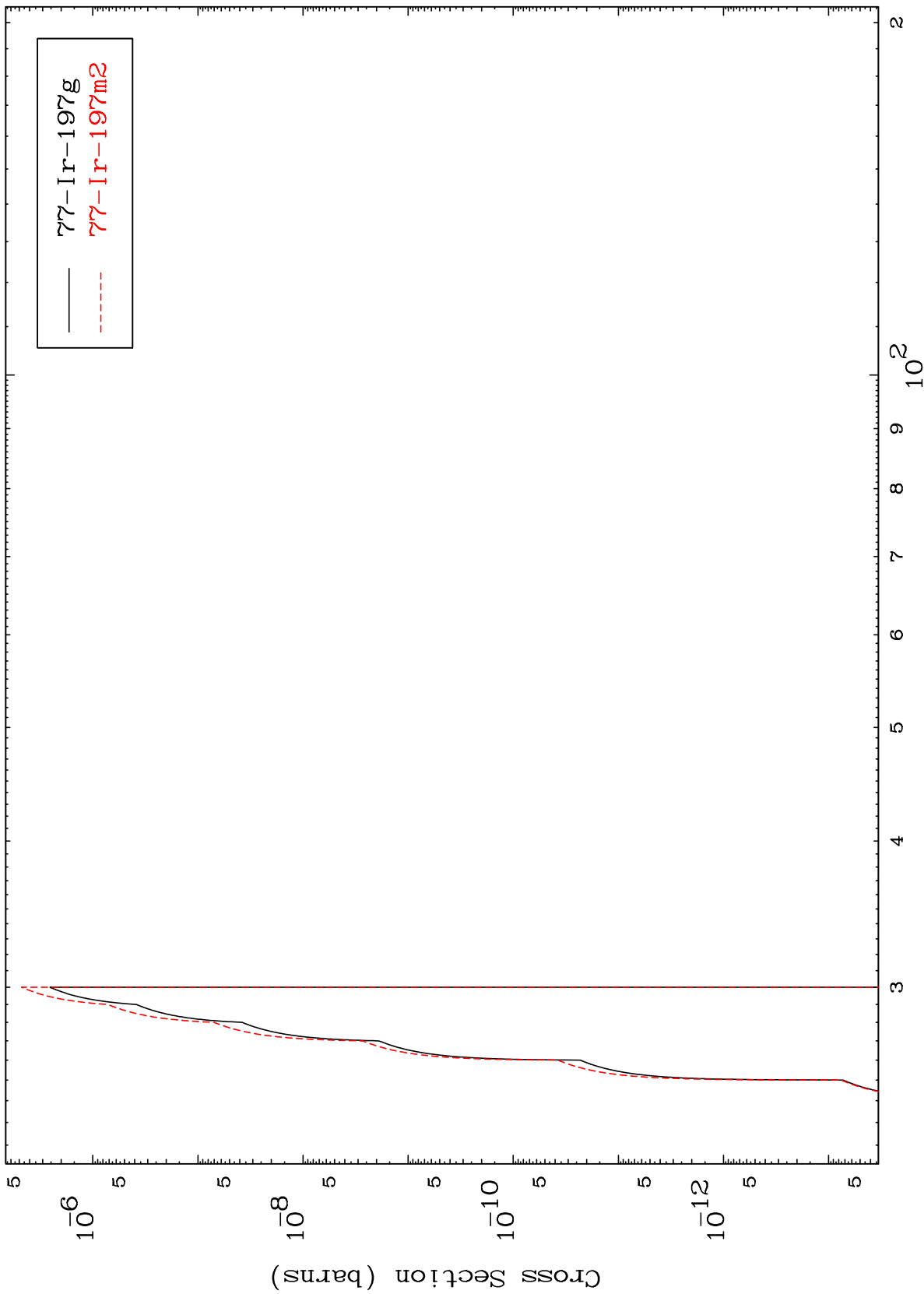
78-Pt-200

MAT 78555

(n,3n) p

78-Pt-200

Radionuclide Production Cross Section



77-Ir-197g
77-Ir-197m2

137

Incident Energy (MeV)

78-Pt-200