

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

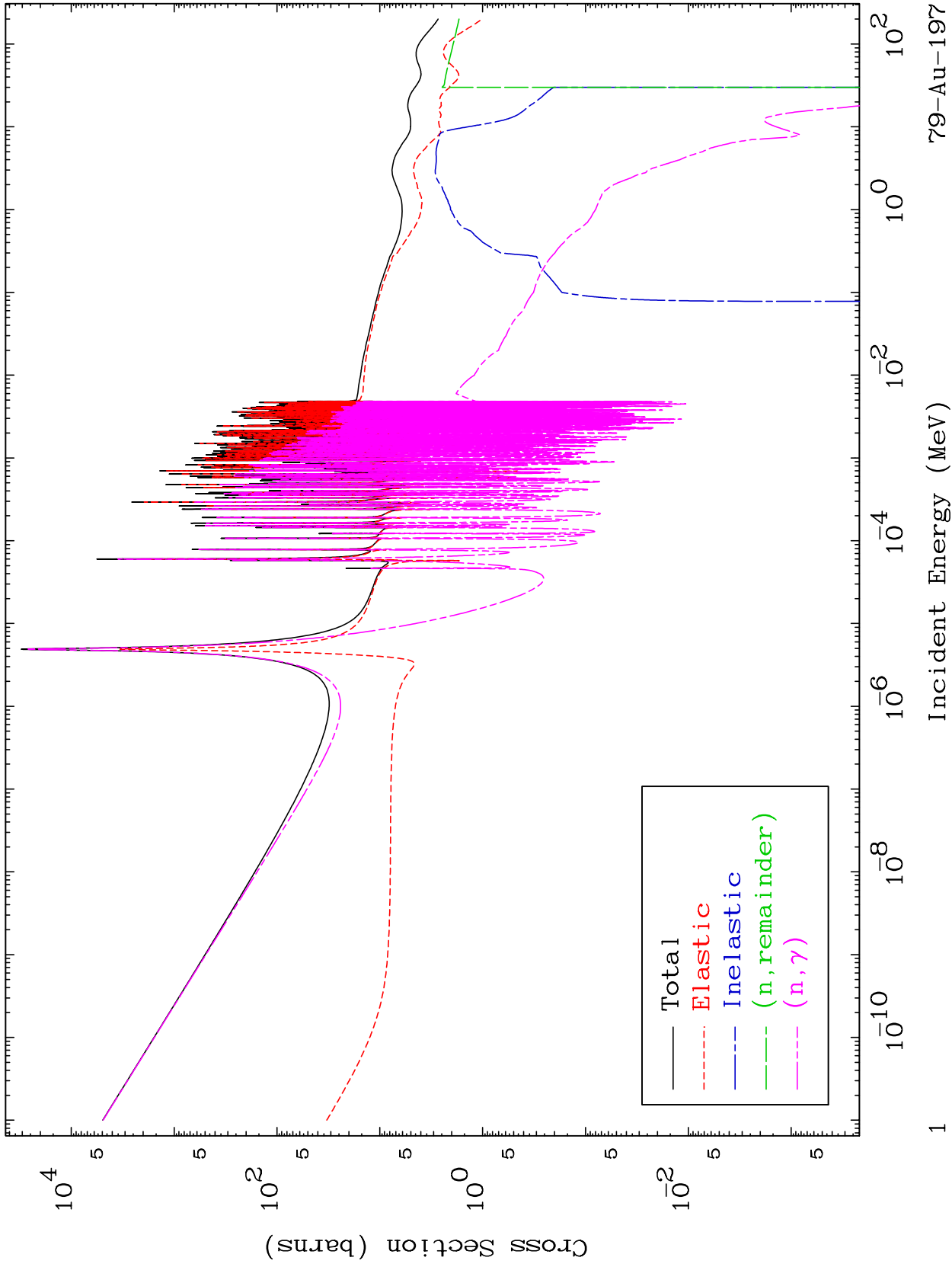
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7925

Major
293 Kelvin Cross Sections

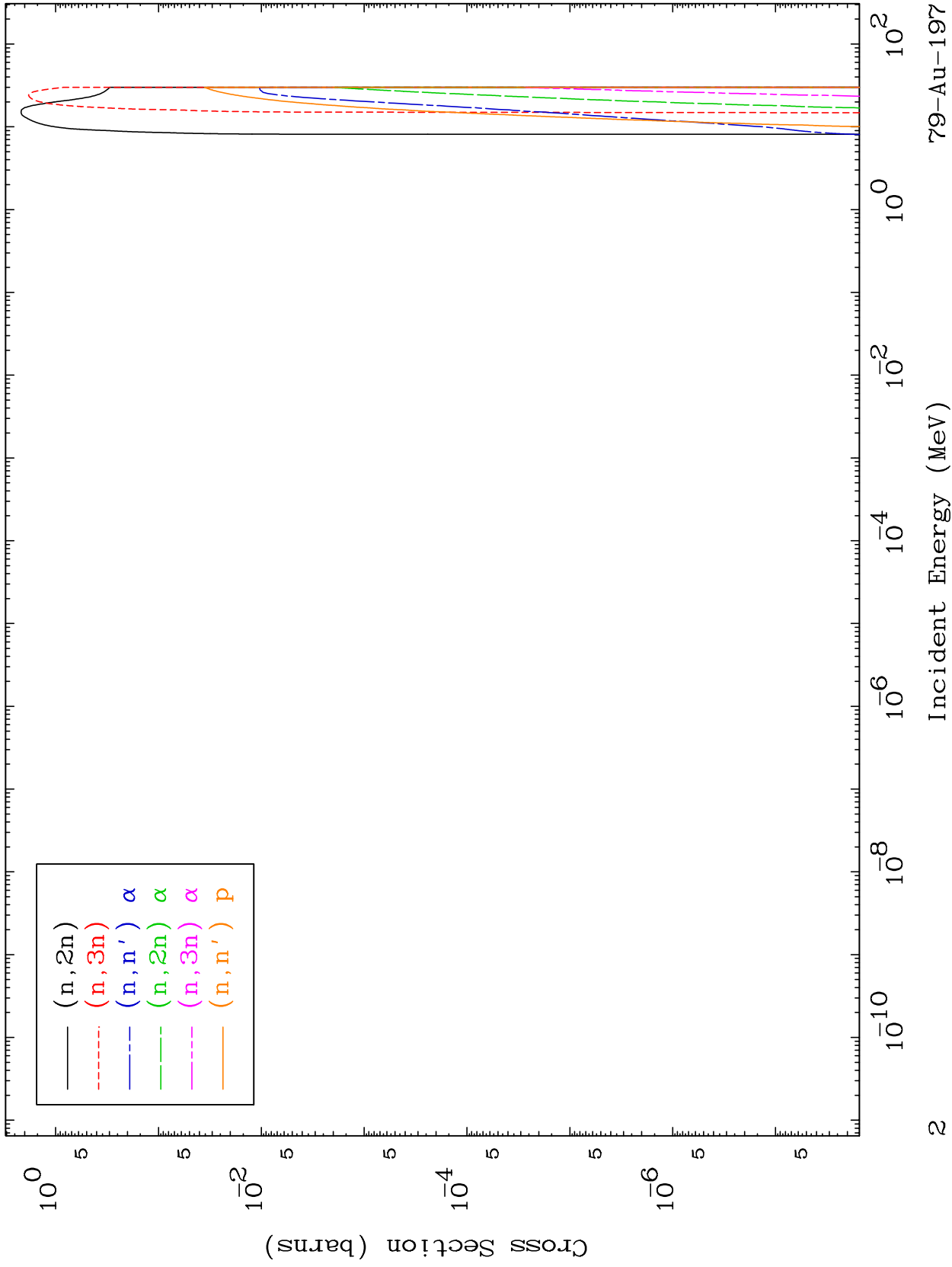
79-Au-197

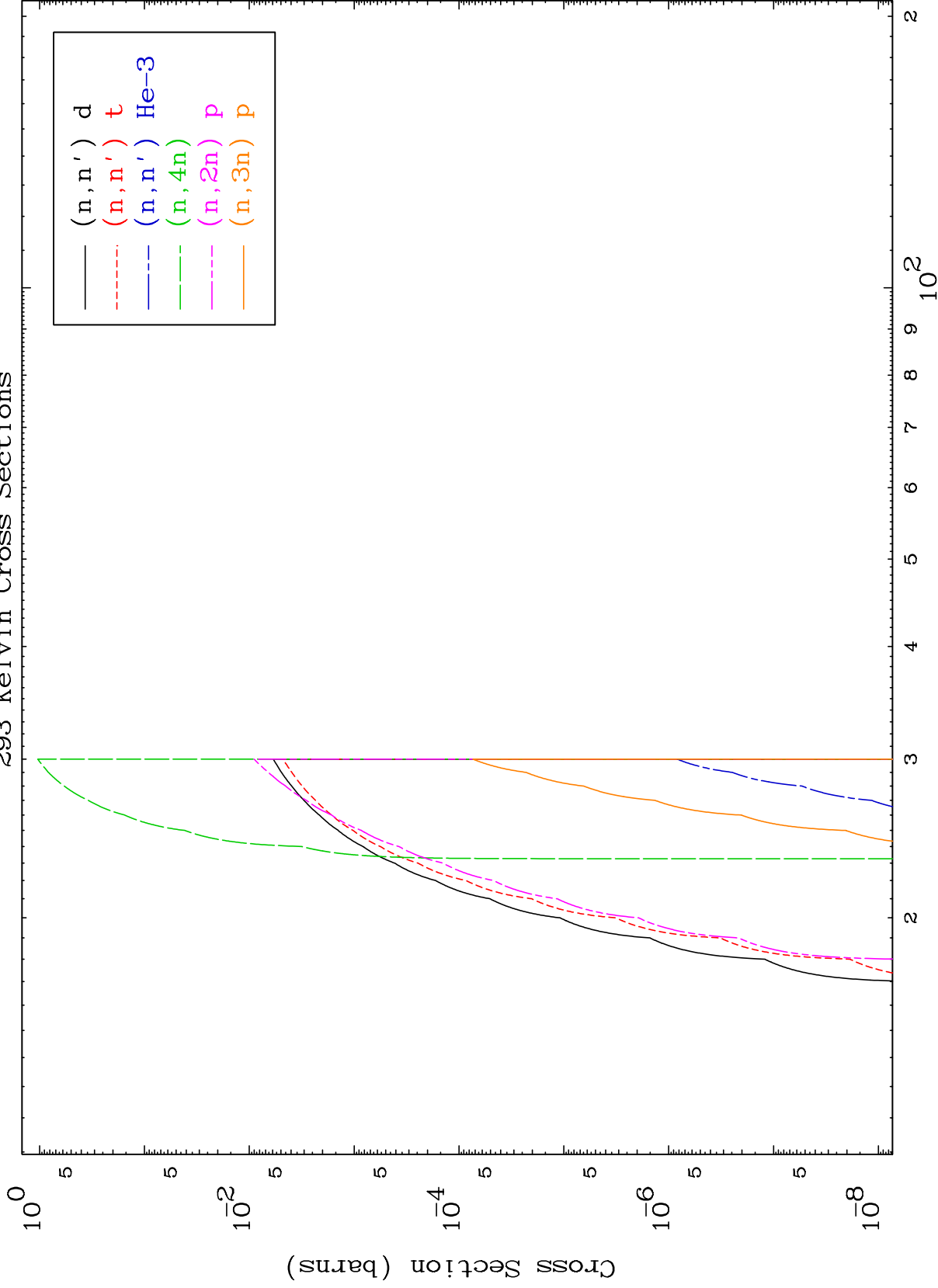


MAT 7925

Neutron Production
293 Kelvin Cross Sections

79-Au-197

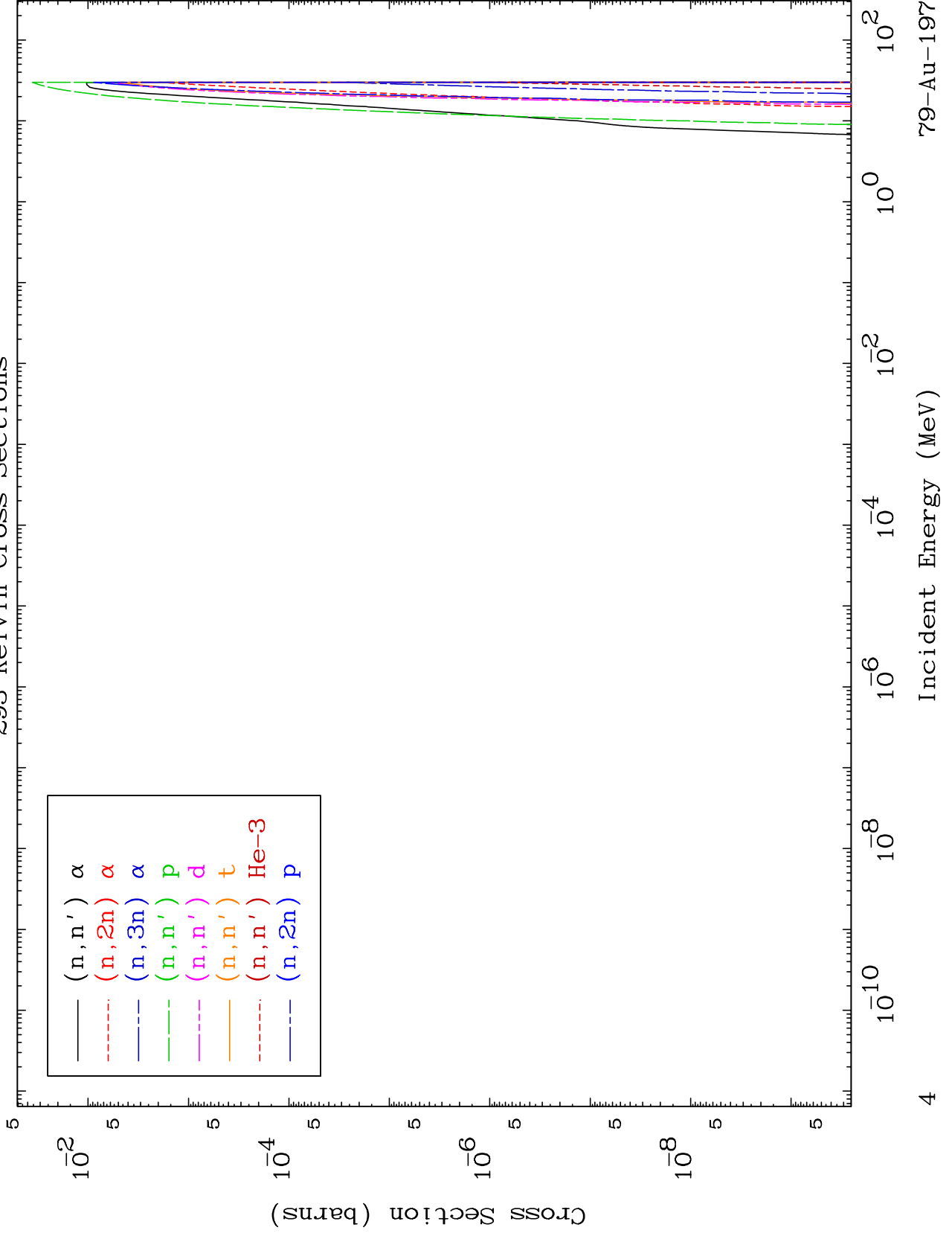




MAT 7925

Charged Particle
293 Kelvin Cross Sections

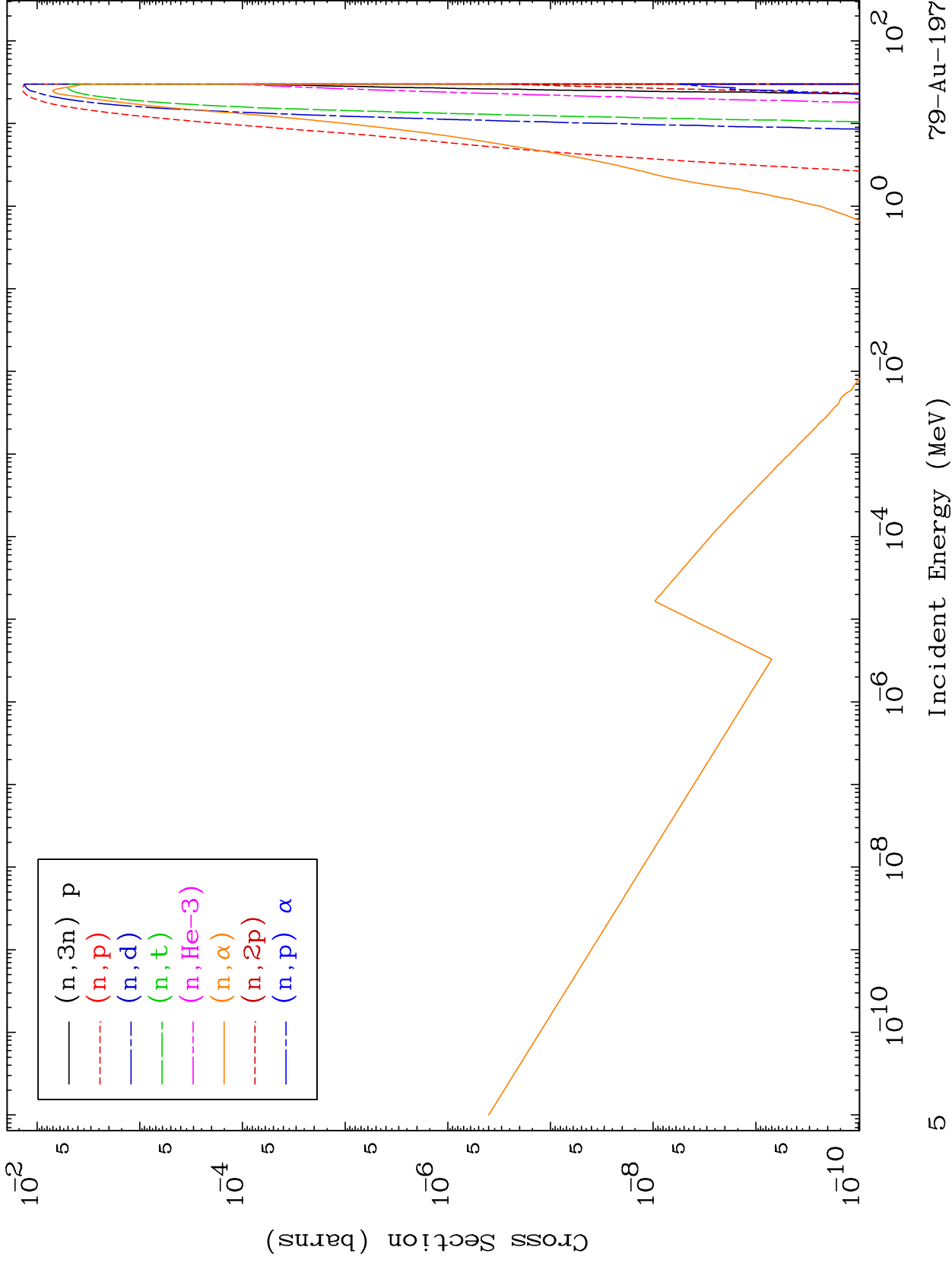
79-Au-197



MAT 7925

Charged Particle
293 Kelvin Cross Sections

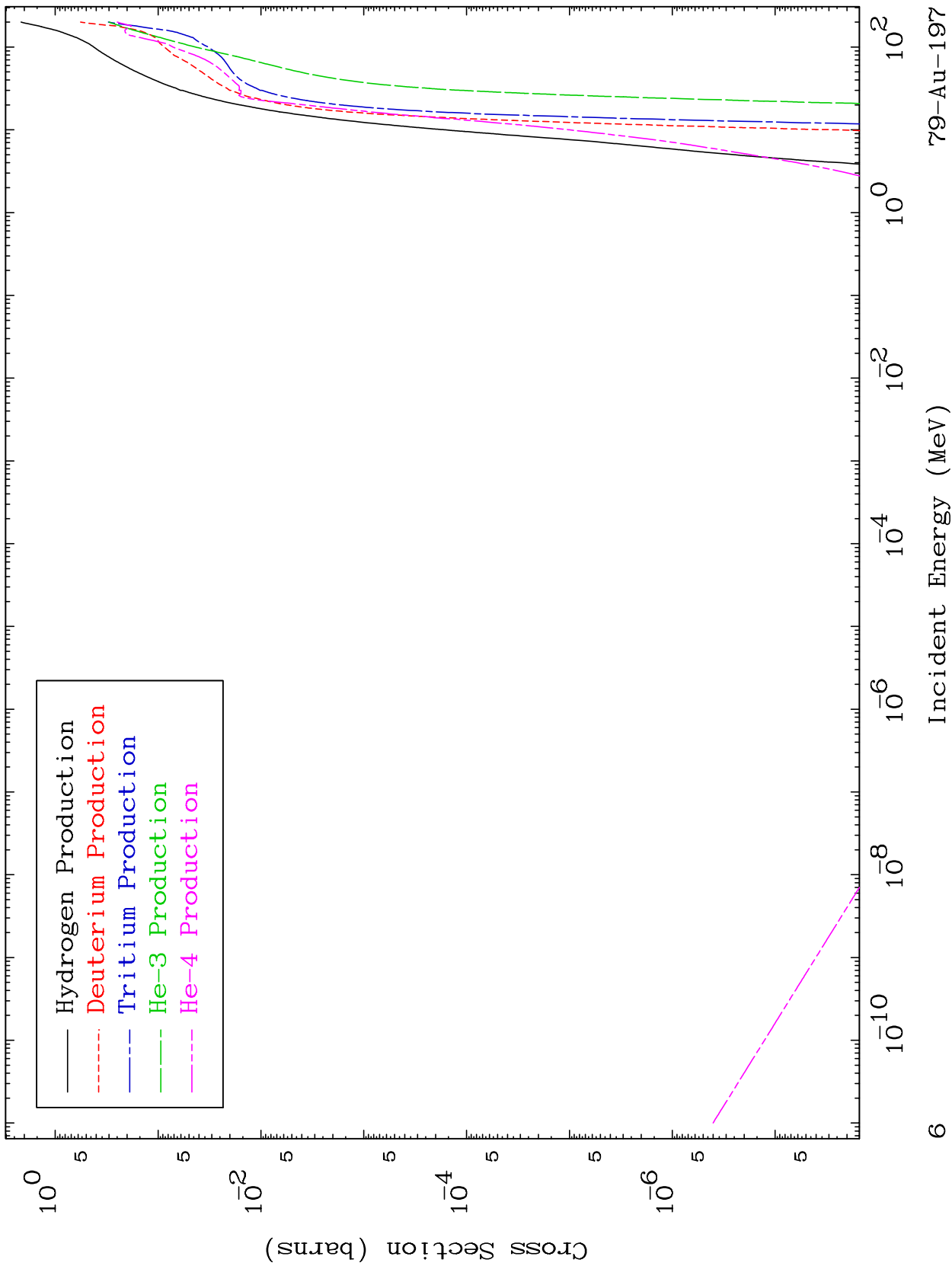
79-Au-197

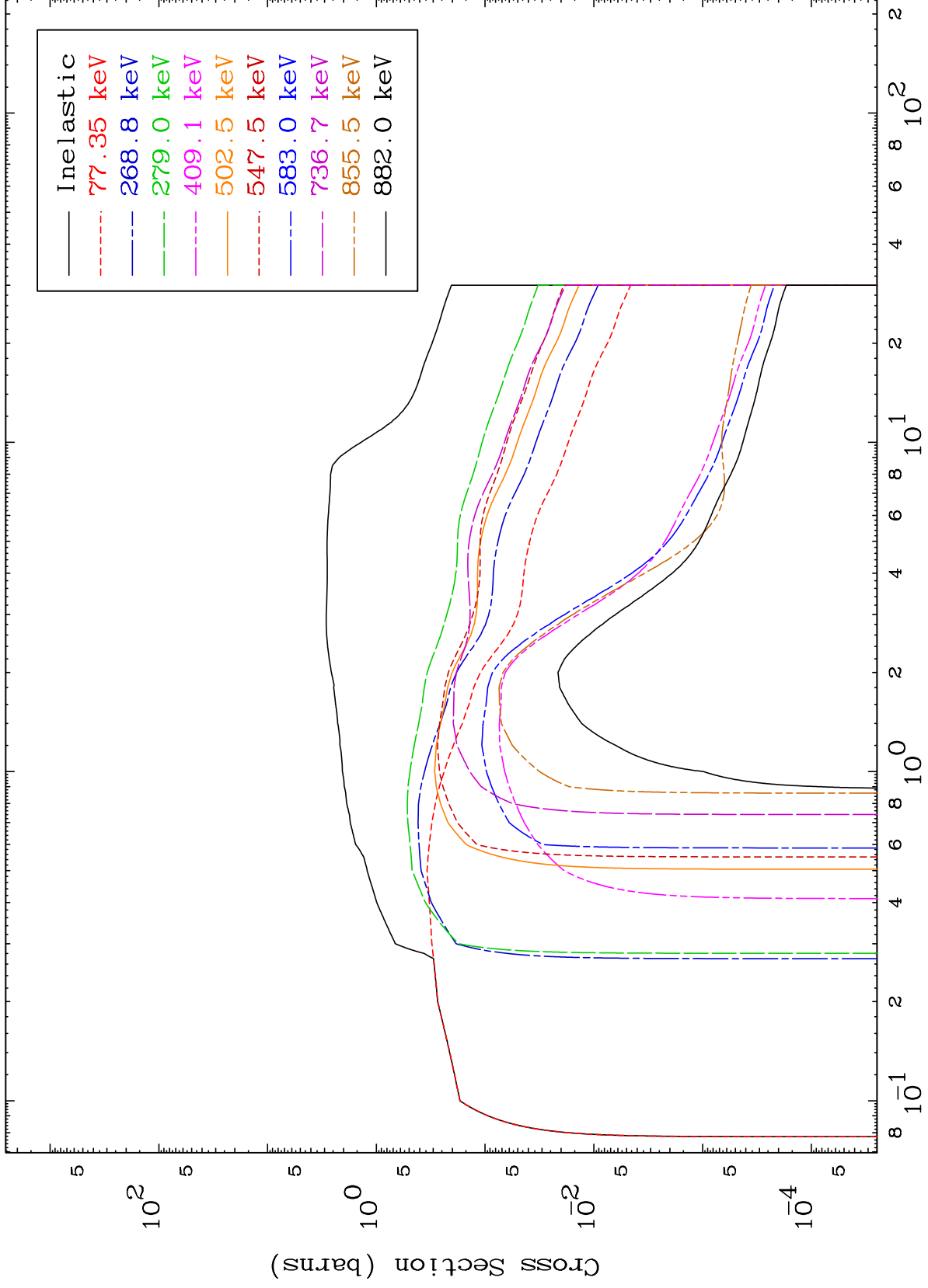


MAT 7925

Particle Production
293 Kelvin Cross Sections

79-Au-197

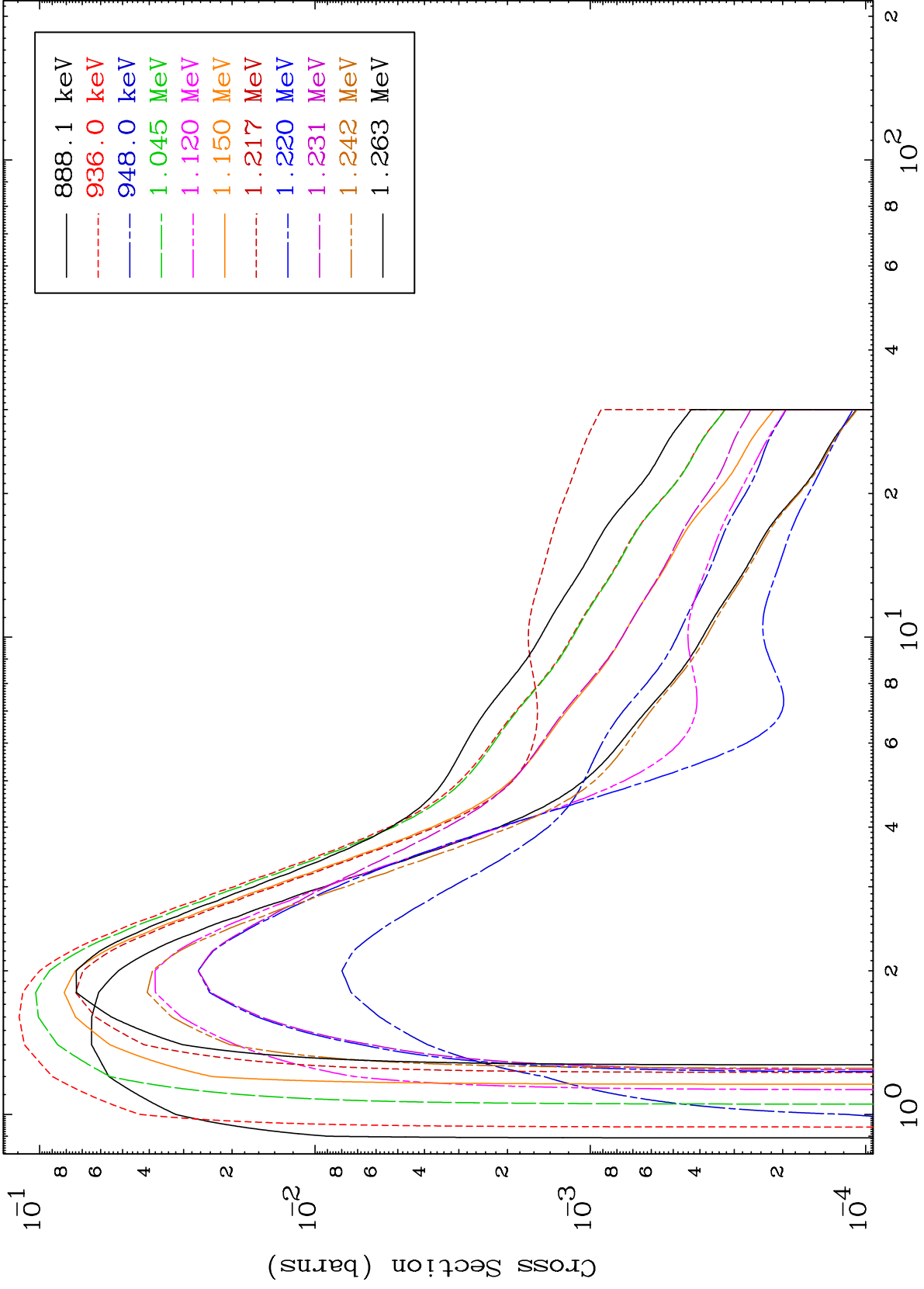




MAT 7925

(n,n') Level
293 Kelvin Cross Sections

79-Au-197



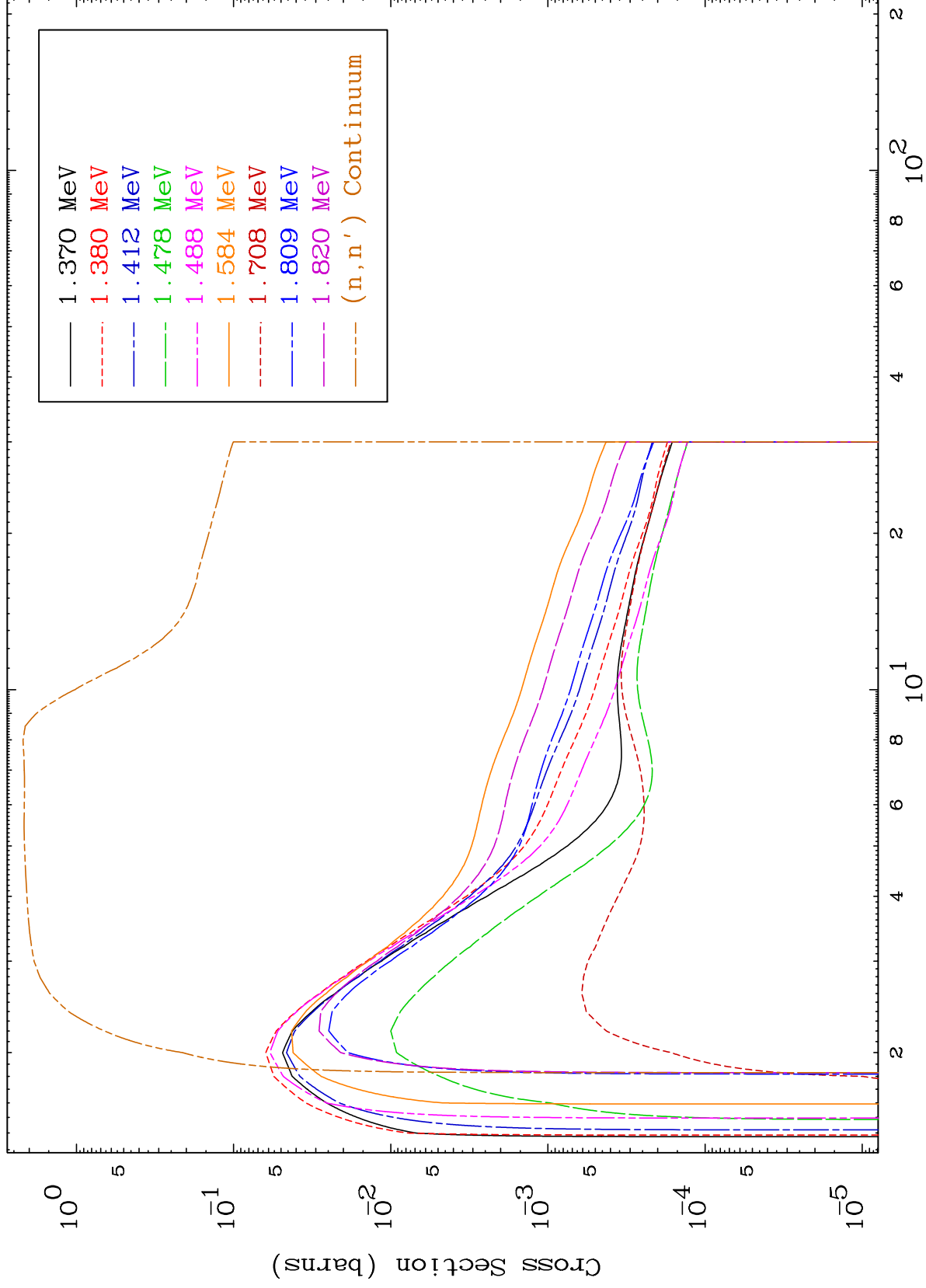
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,n') Level
293 Kelvin Cross Sections

79-Au-197



9

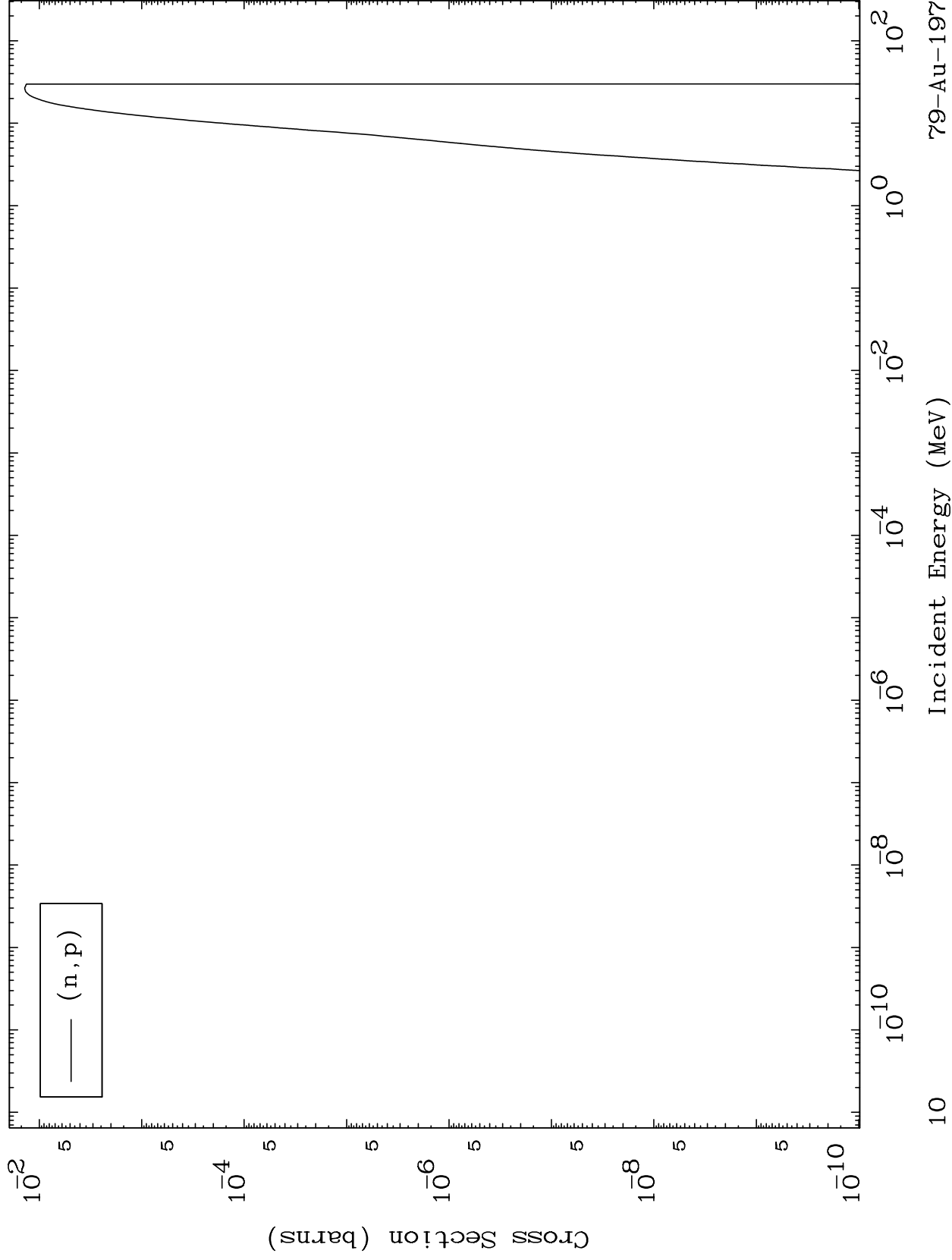
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,p) Levels
293 Kelvin Cross Sections

79-Au-197



10

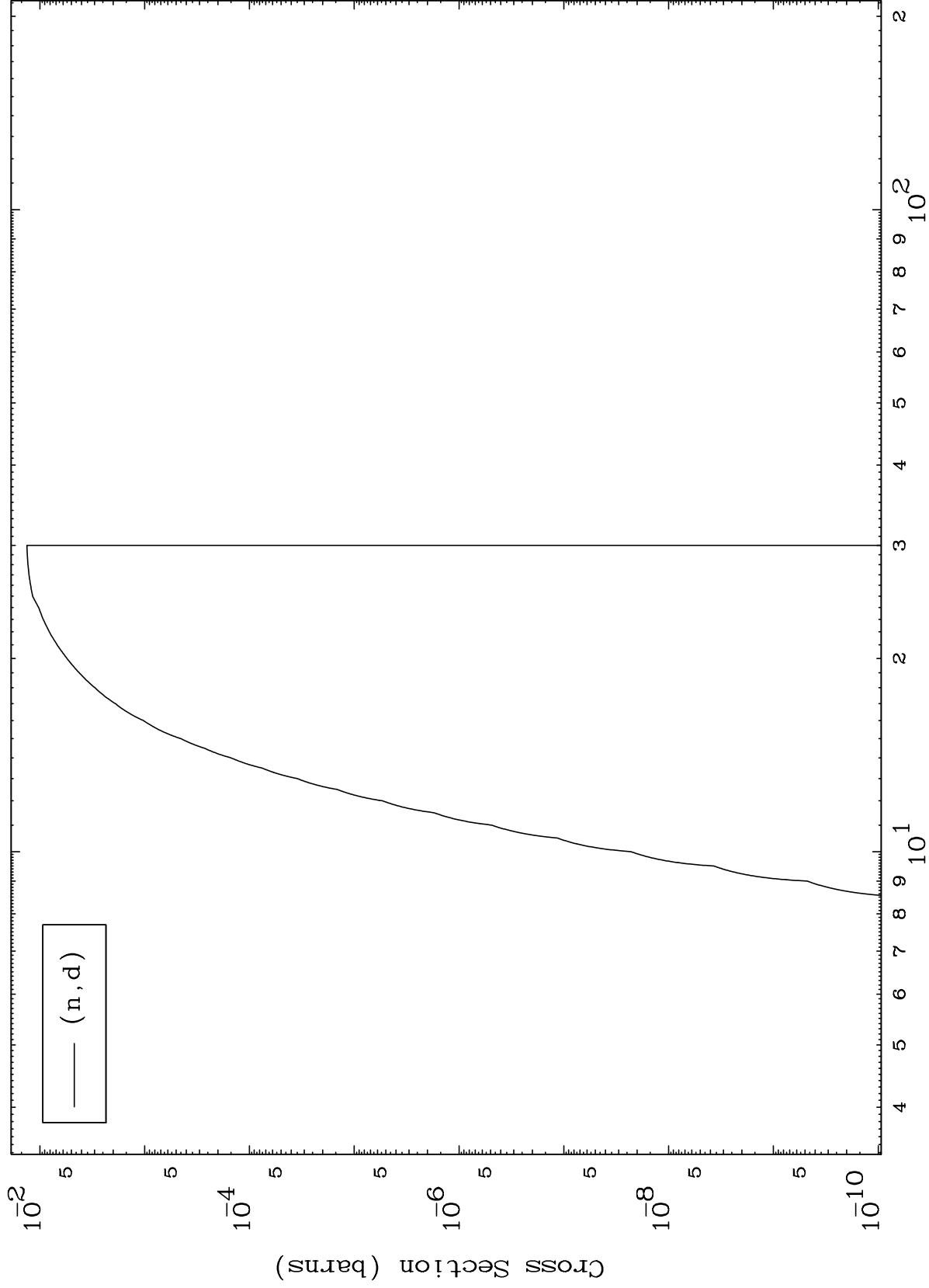
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,d) Levels
293 Kelvin Cross Sections

79-Au-197



11

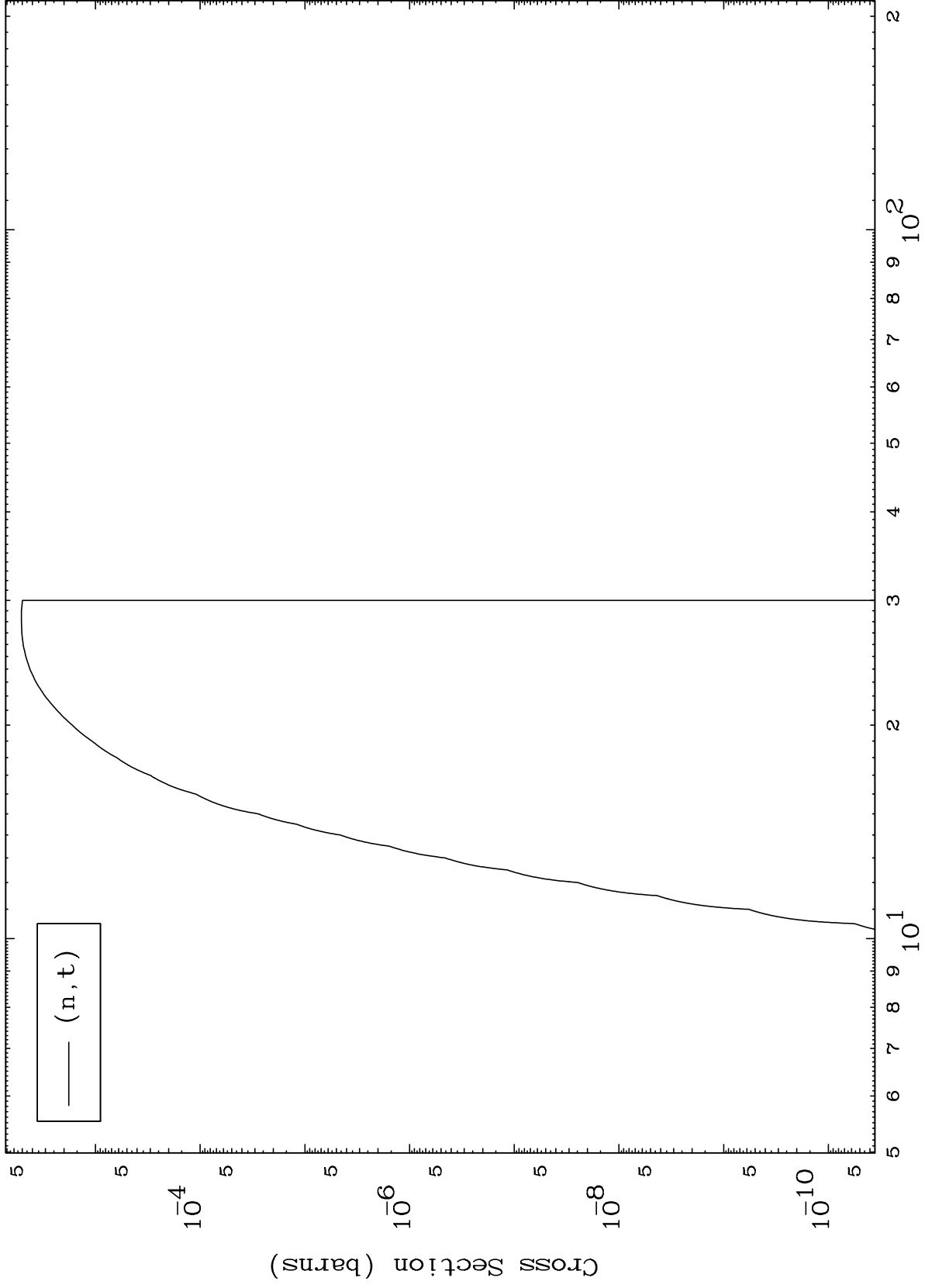
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,t) Levels
293 Kelvin Cross Sections

79-Au-197



12

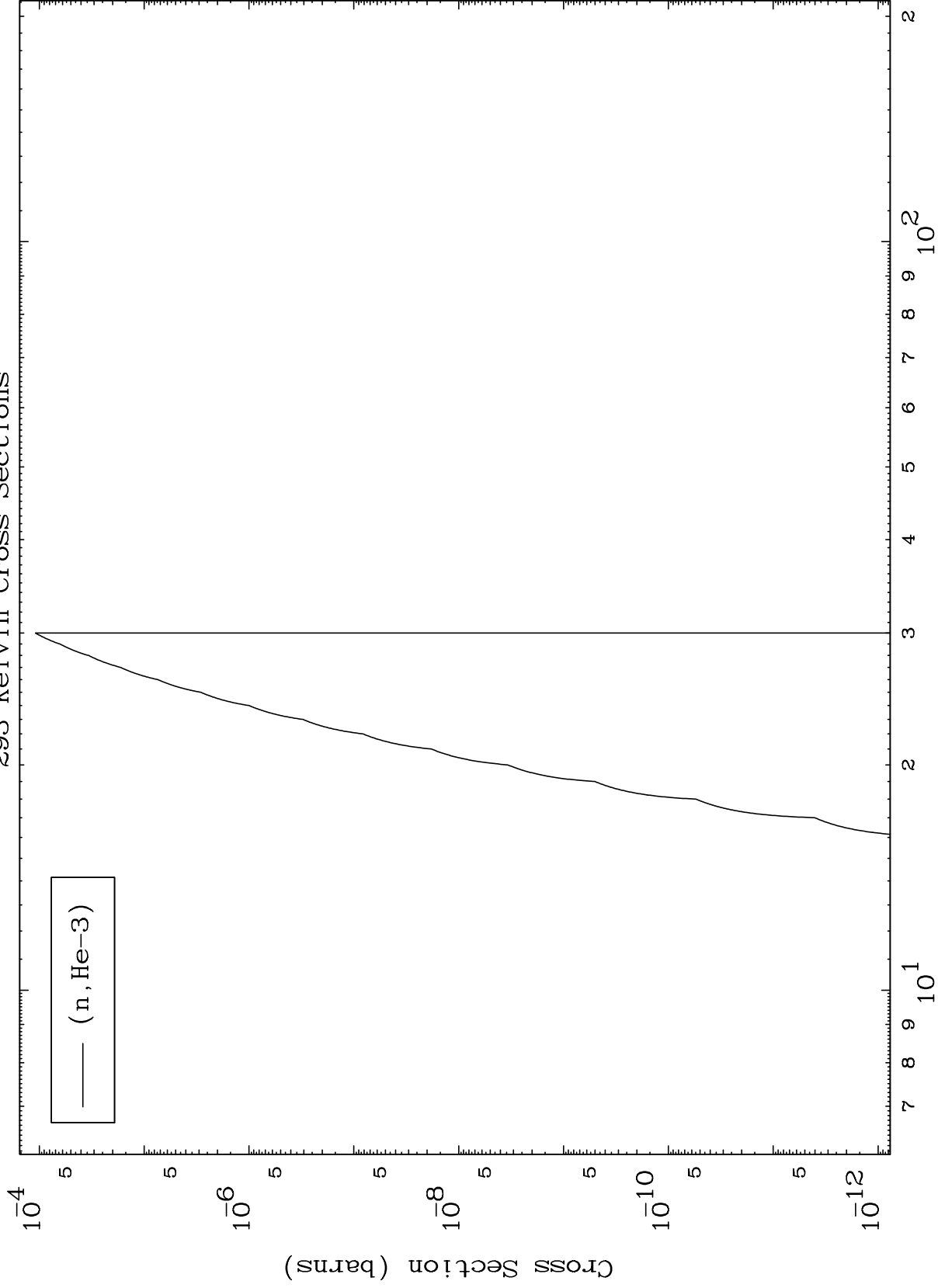
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-197



13

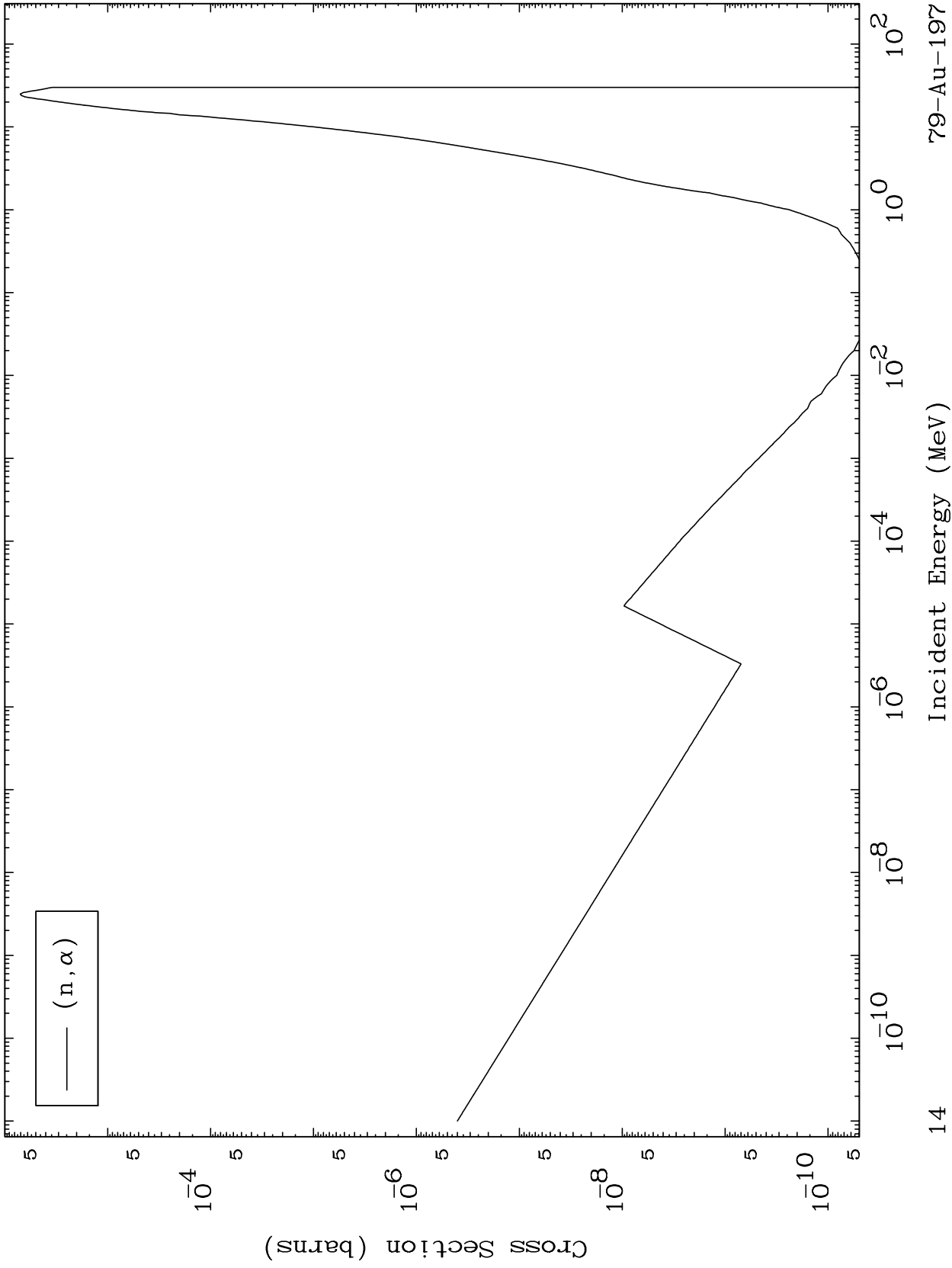
Incident Energy (MeV)

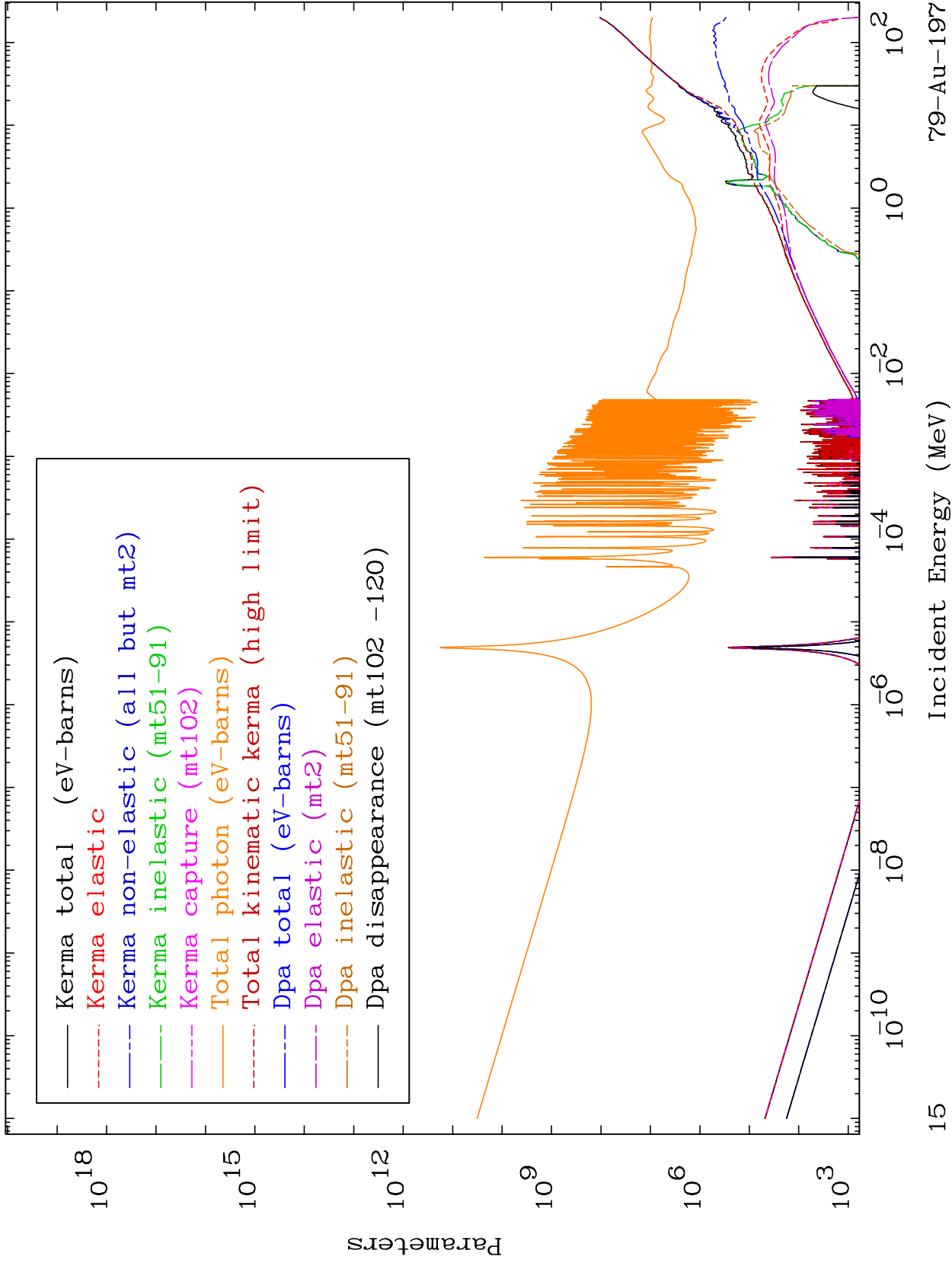
79-Au-197

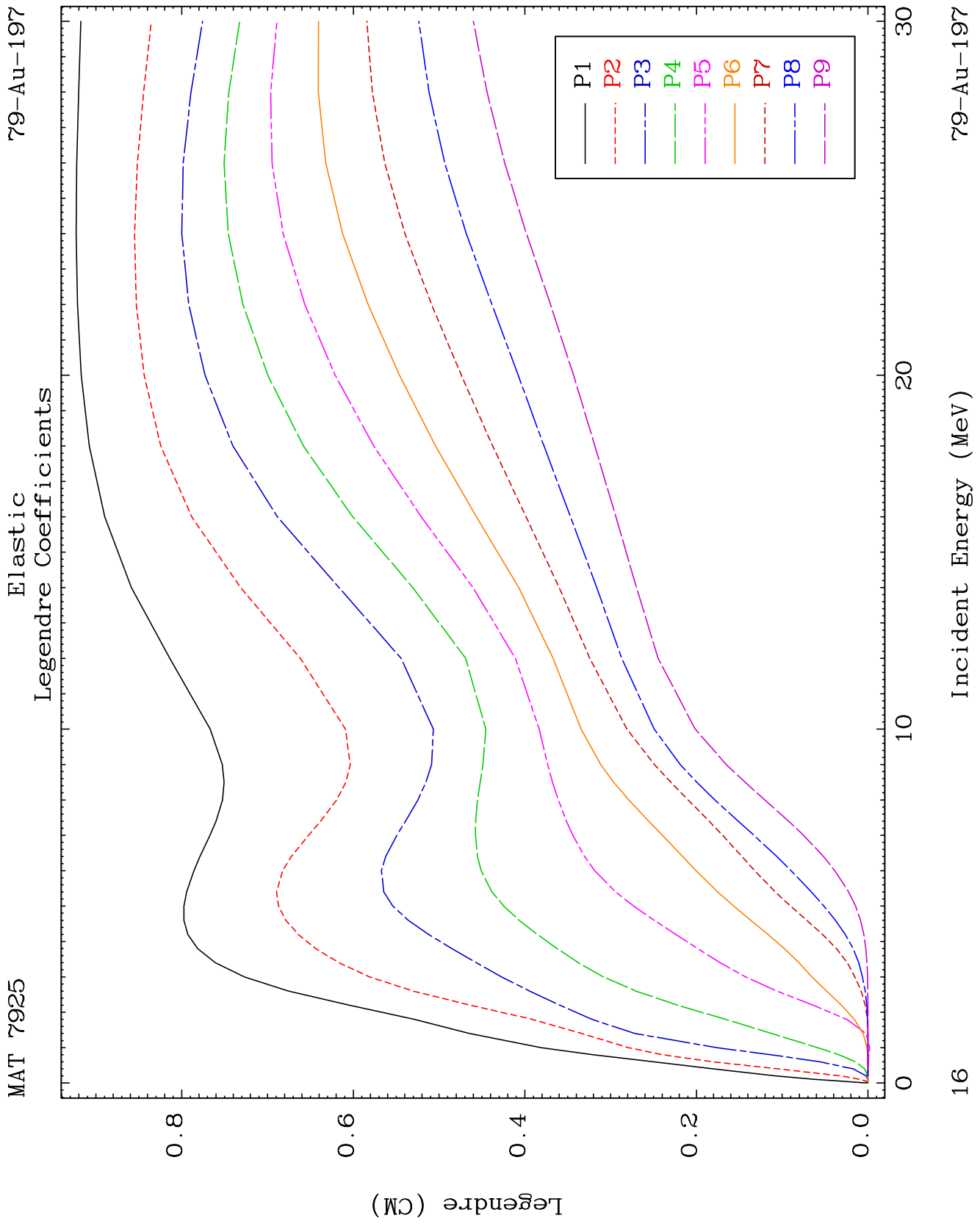
MAT 7925

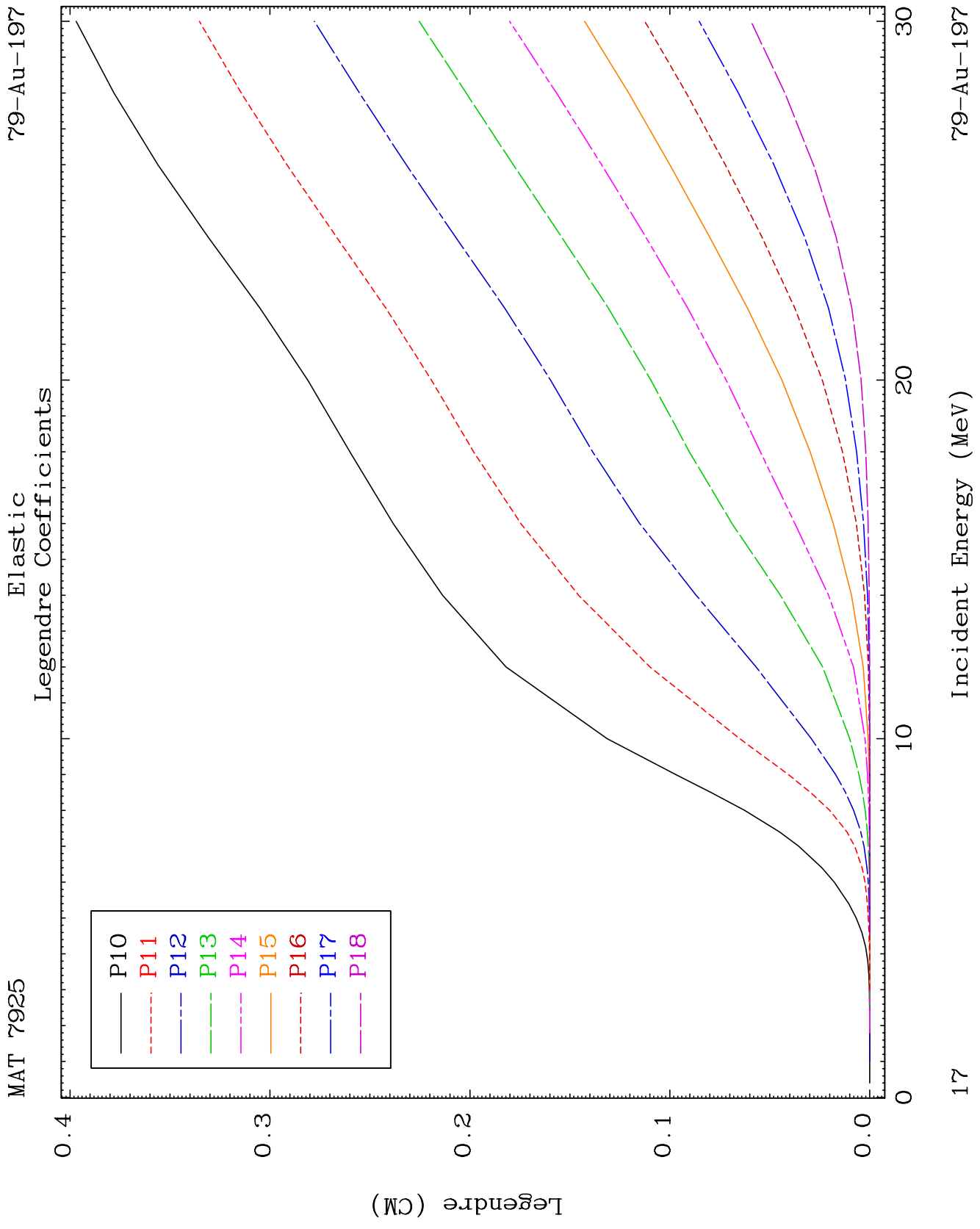
(n, α) Levels
293 Kelvin Cross Sections

79-Au-197





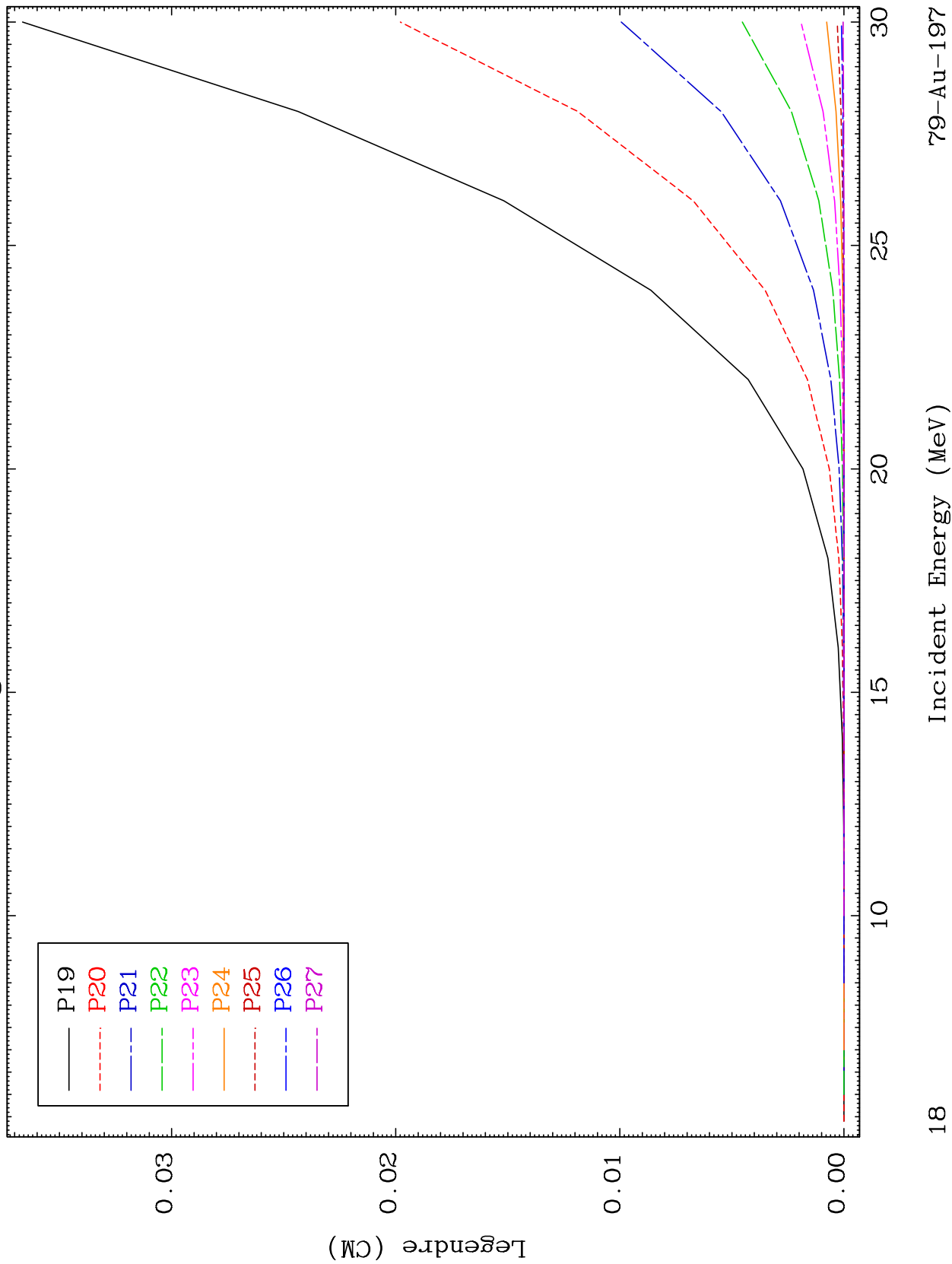




MAT 7925

Elastic Legendre Coefficients

79-Au-197

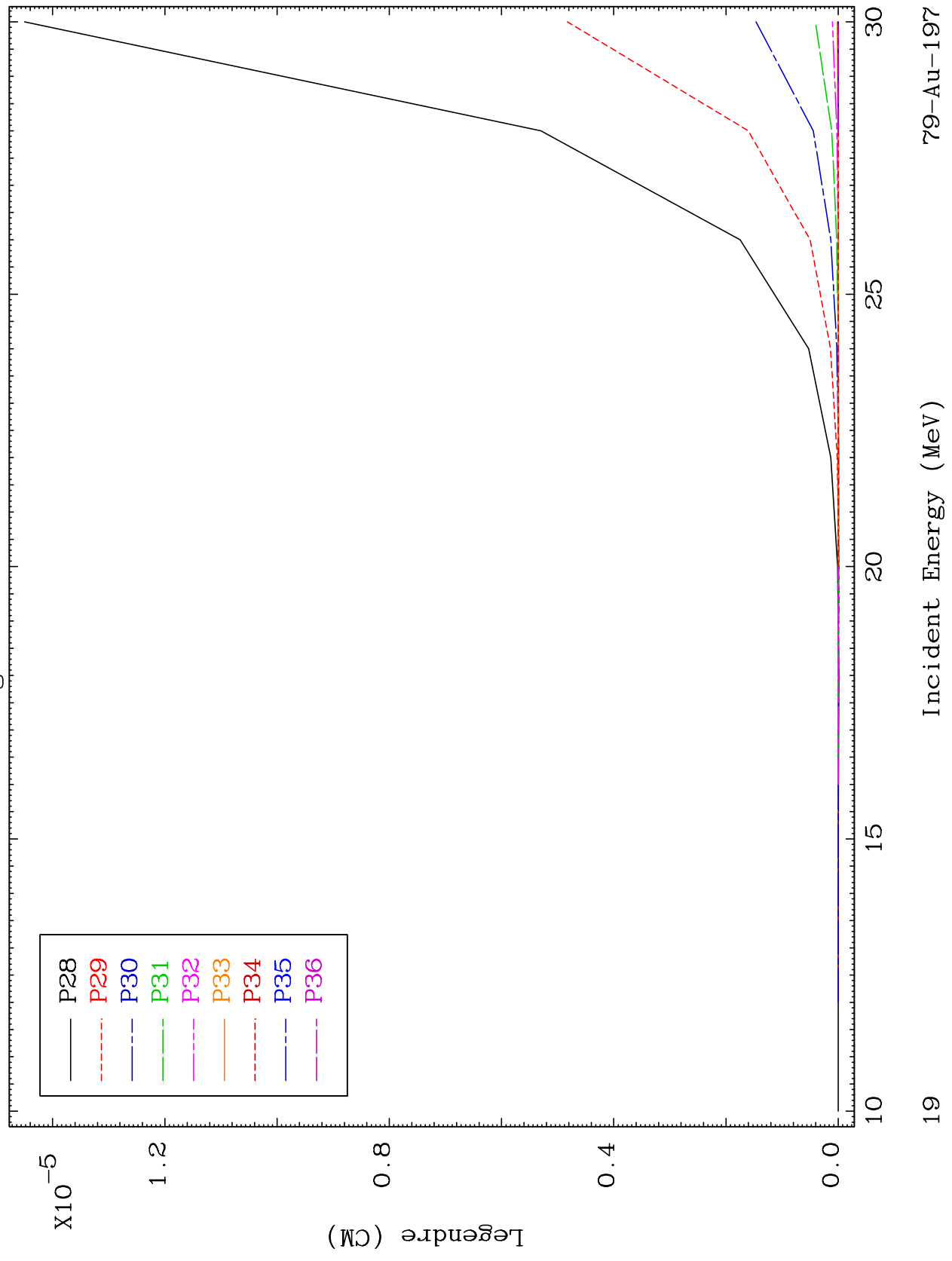


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 7925

Elastic Legendre Coefficients

79-Au-197



19

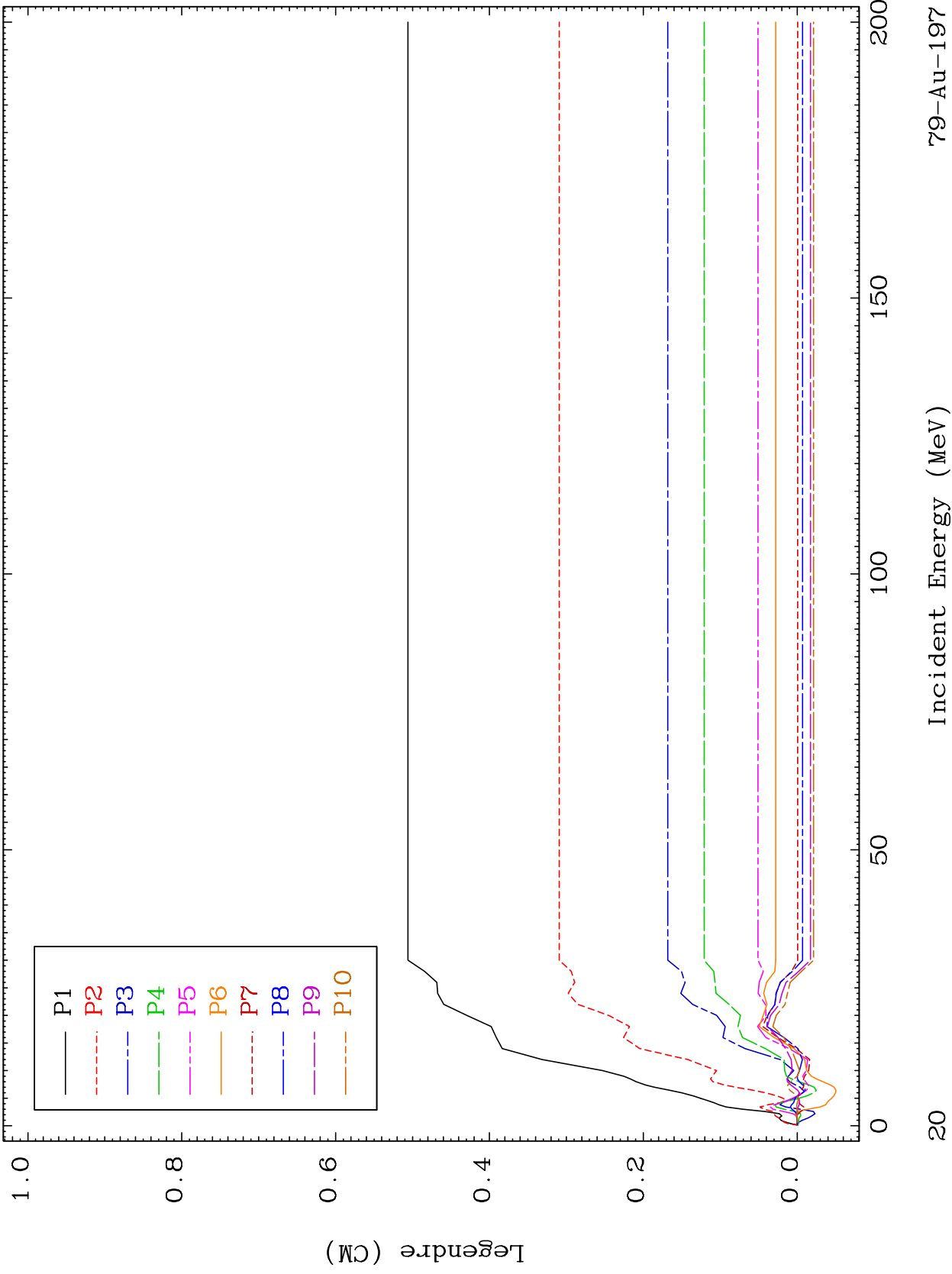
Incident Energy (MeV)

79-Au-197

MAT 7925

77.35 keV (n,n') Level
Legendre Coefficients

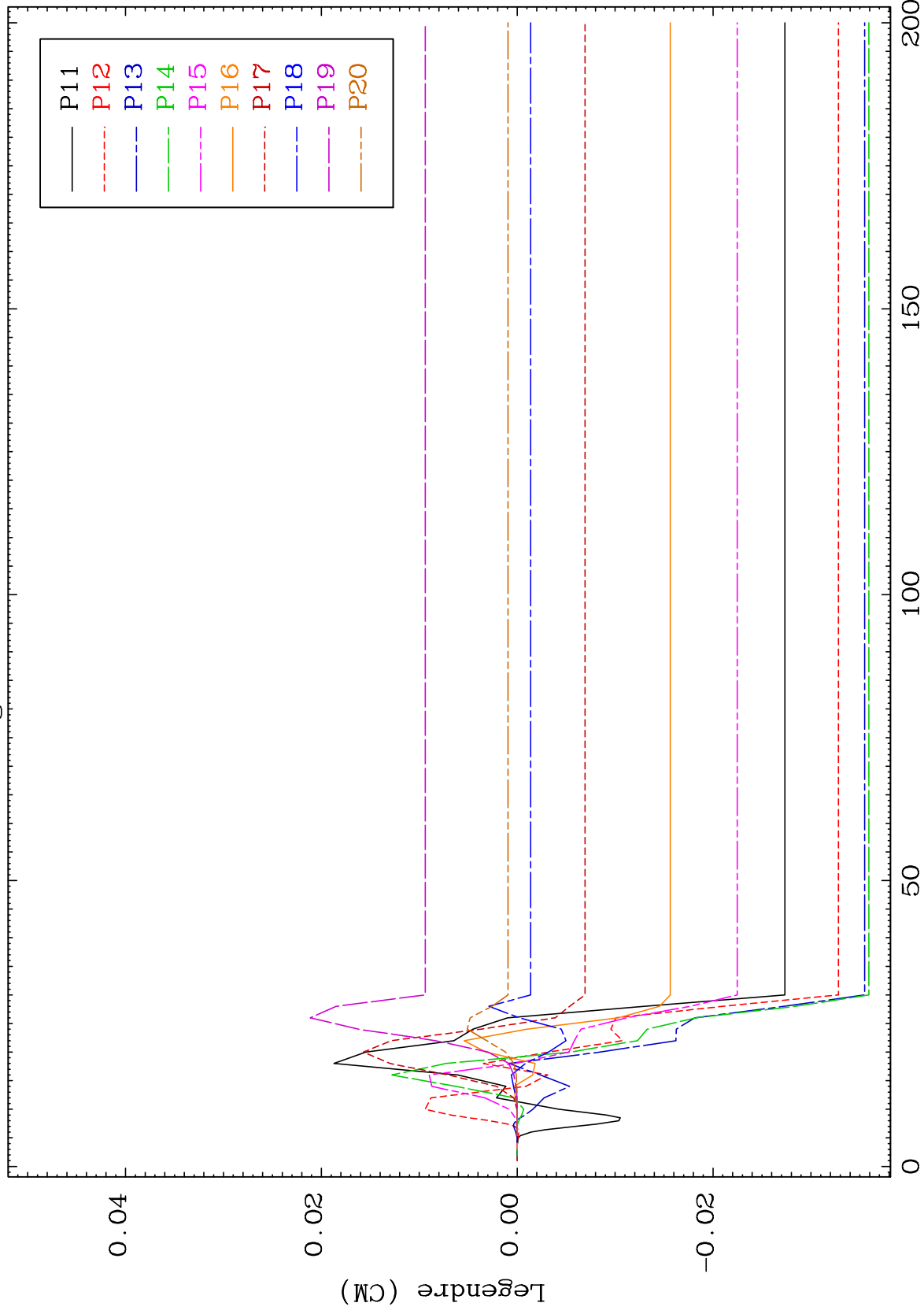
79-Au-197



MAT 7925

77.35 keV (n,n') Level
Legendre Coefficients

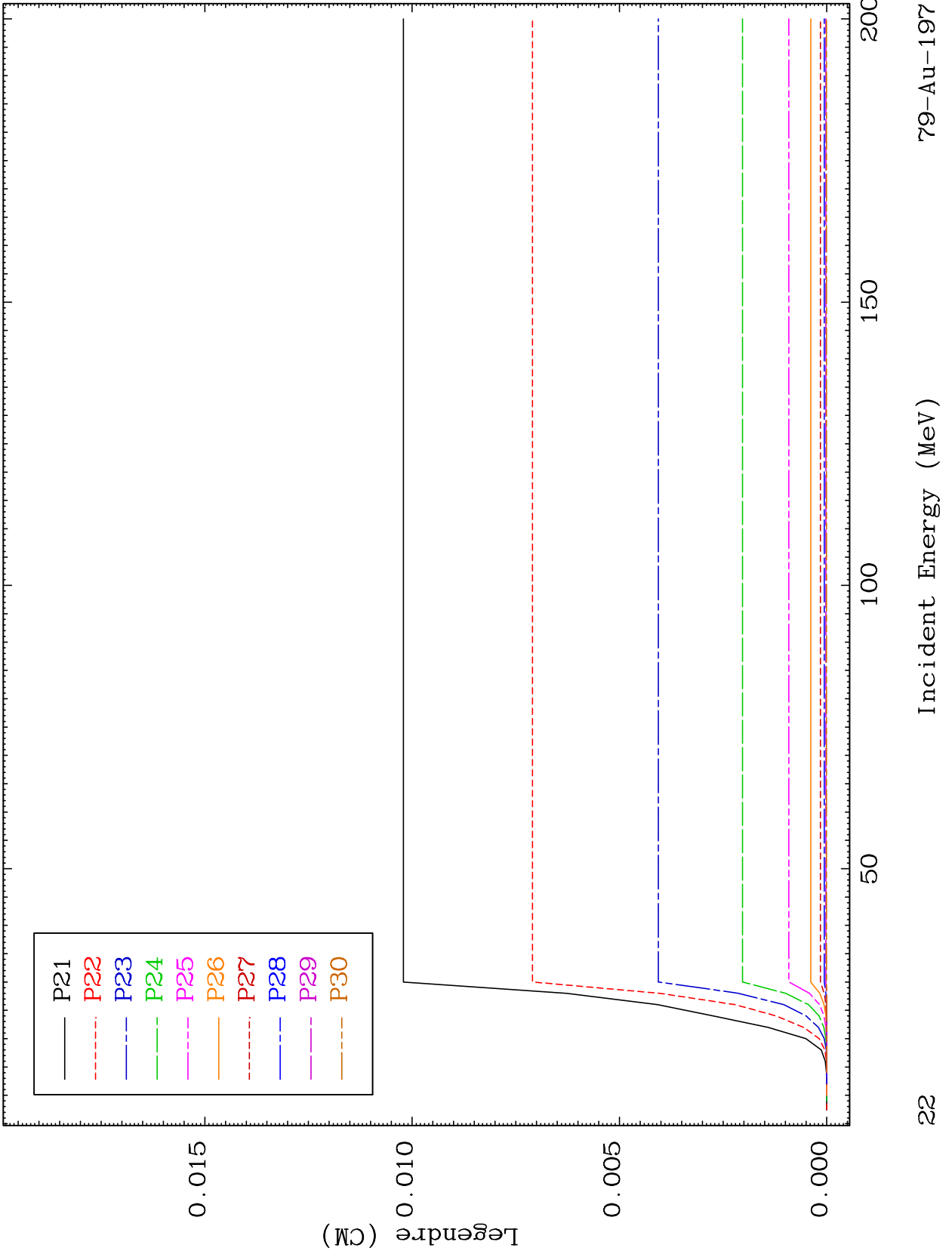
79-Au-197



MAT 7925

77.35 keV (n,n') Level
Legendre Coefficients

79-Au-197



22

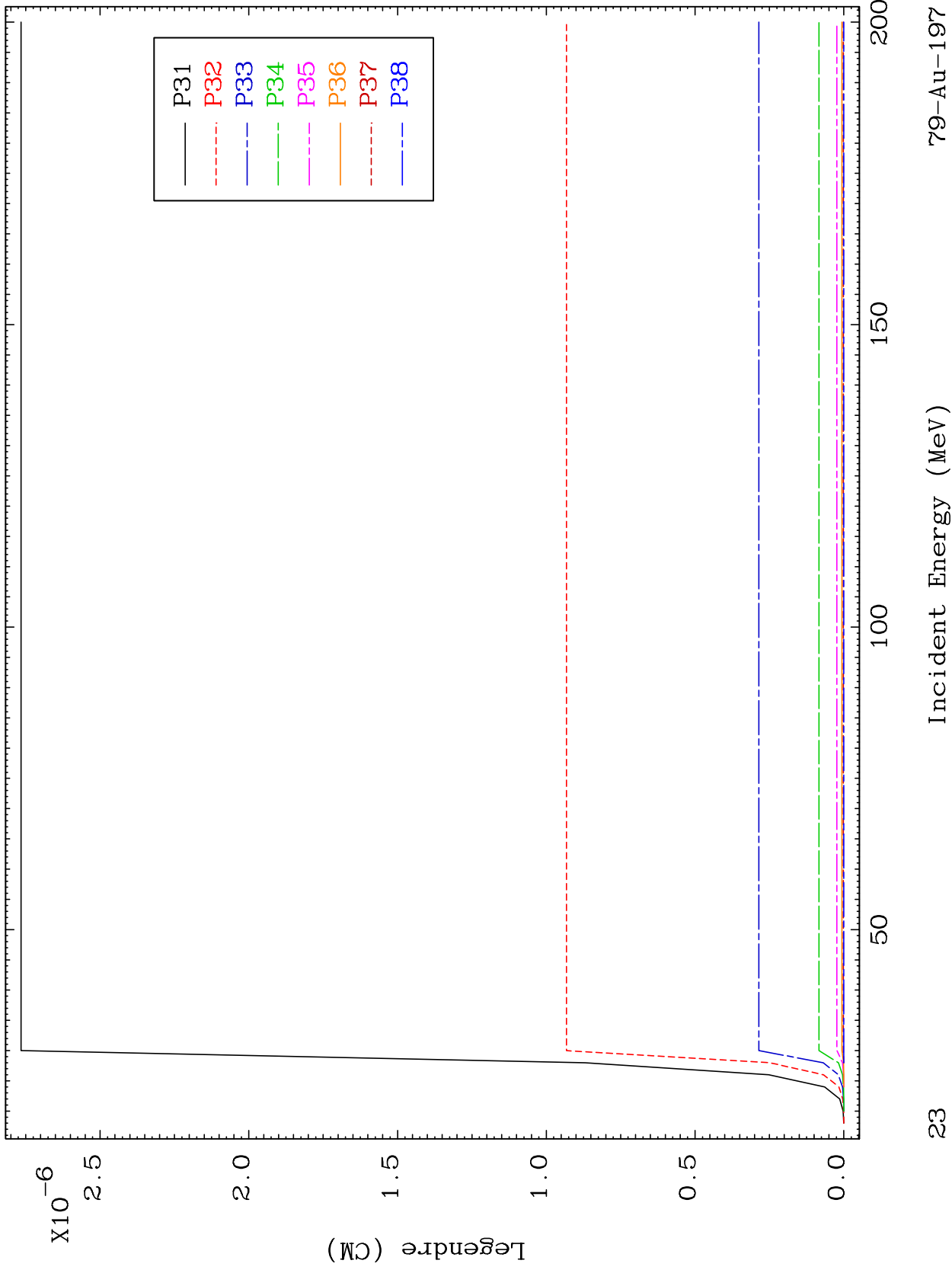
Incident Energy (MeV)

79-Au-197

MAT 7925

77.35 keV (n,n') Level
Legendre Coefficients

79-Au-197



23

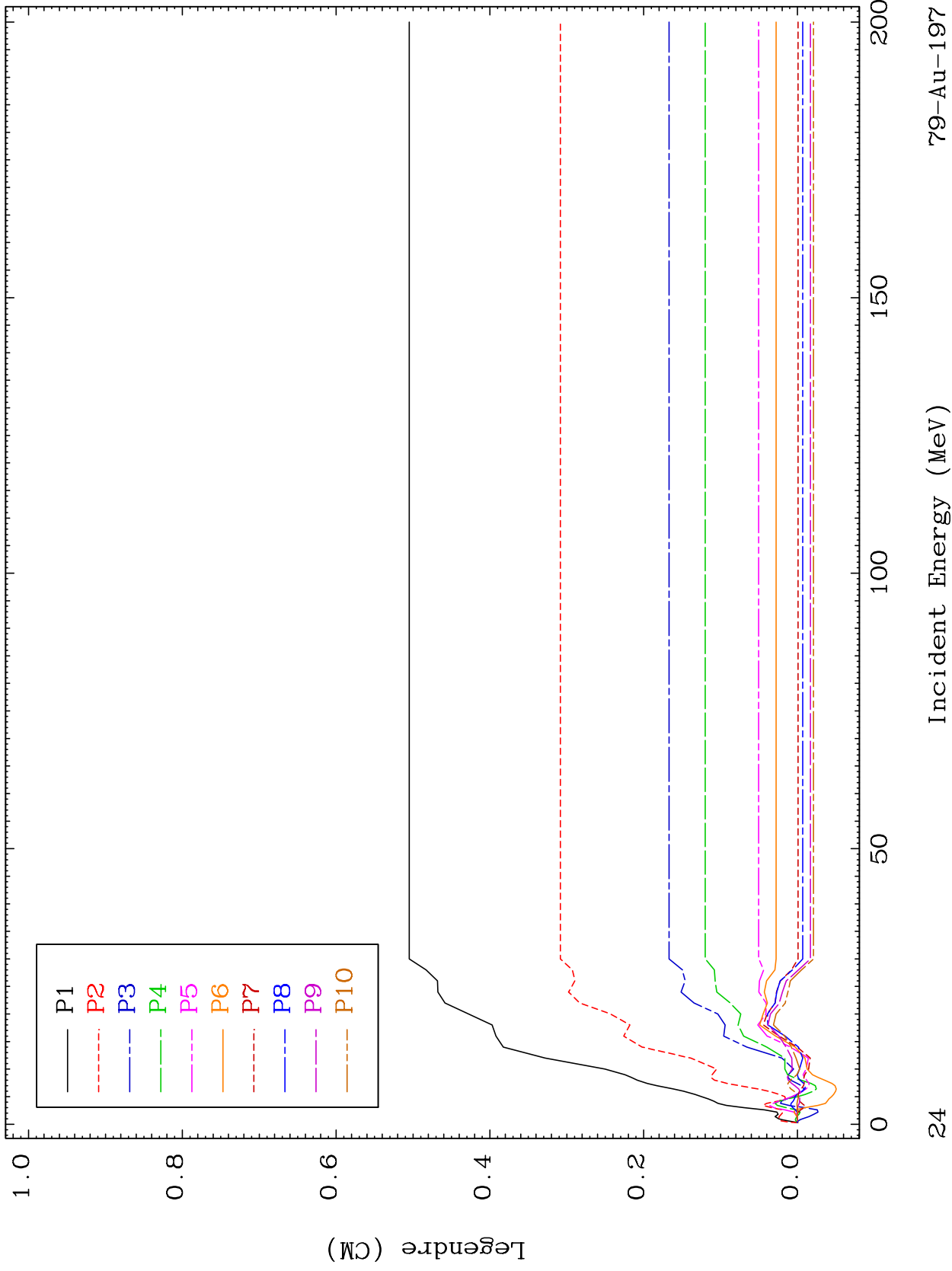
Incident Energy (MeV)

79-Au-197

MAT 7925

268.8 keV (n, n') Level
Legendre Coefficients

79-Au-197



24

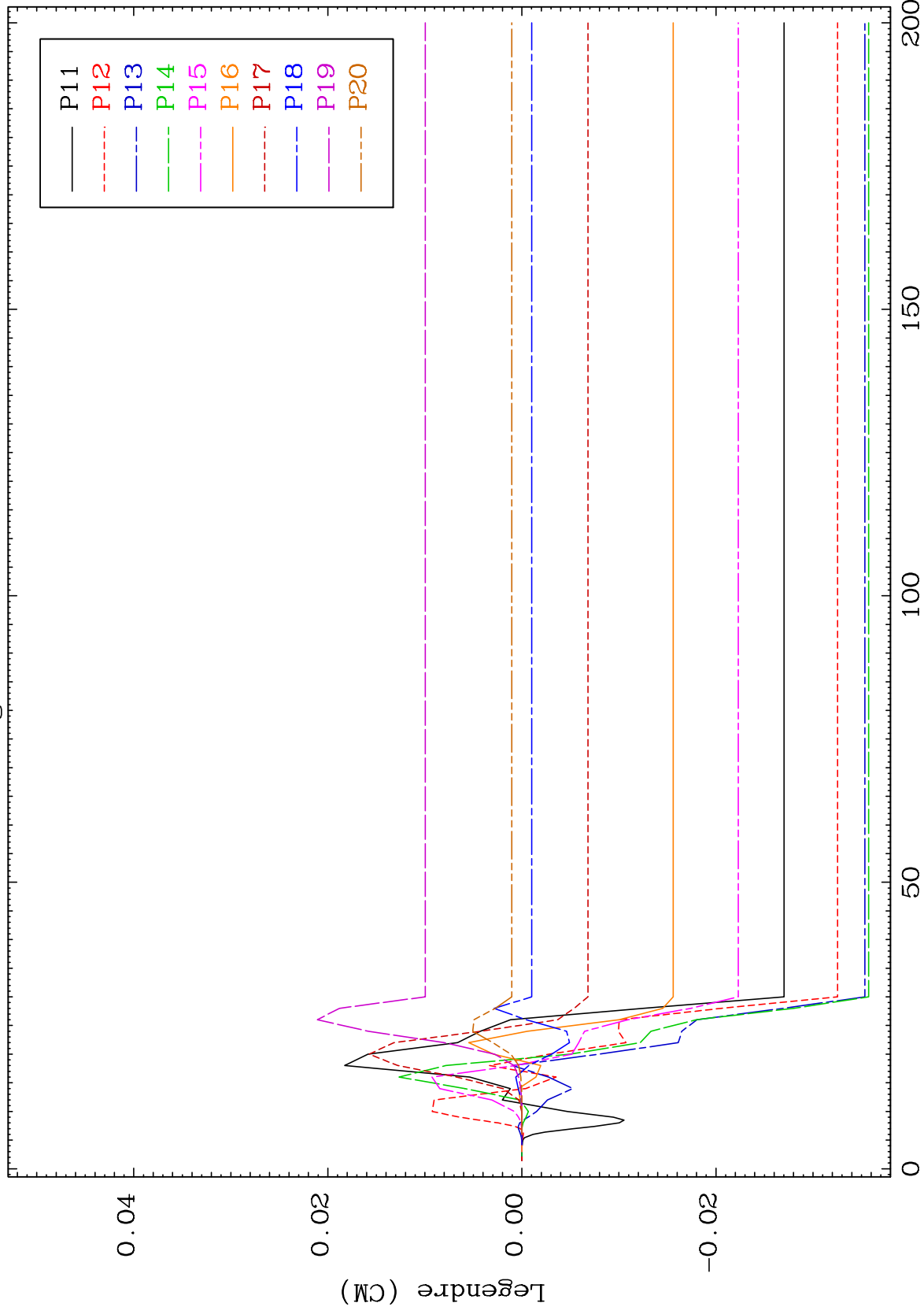
Incident Energy (MeV)

79-Au-197

MAT 7925

268.8 keV (n,n') Level
Legendre Coefficients

79-Au-197



25

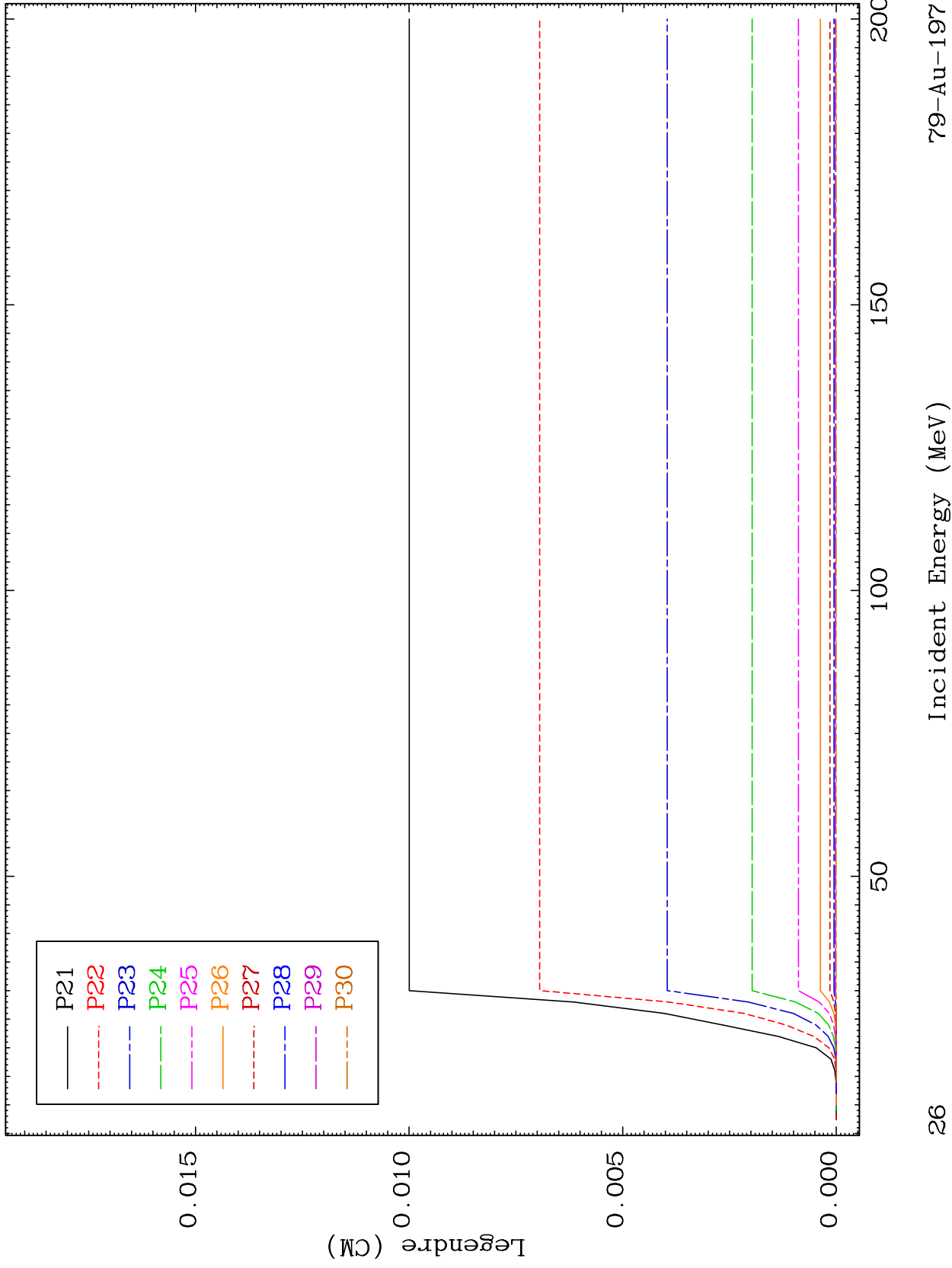
Incident Energy (MeV)

79-Au-197

MAT 7925

268.8 keV (n,n') Level
Legendre Coefficients

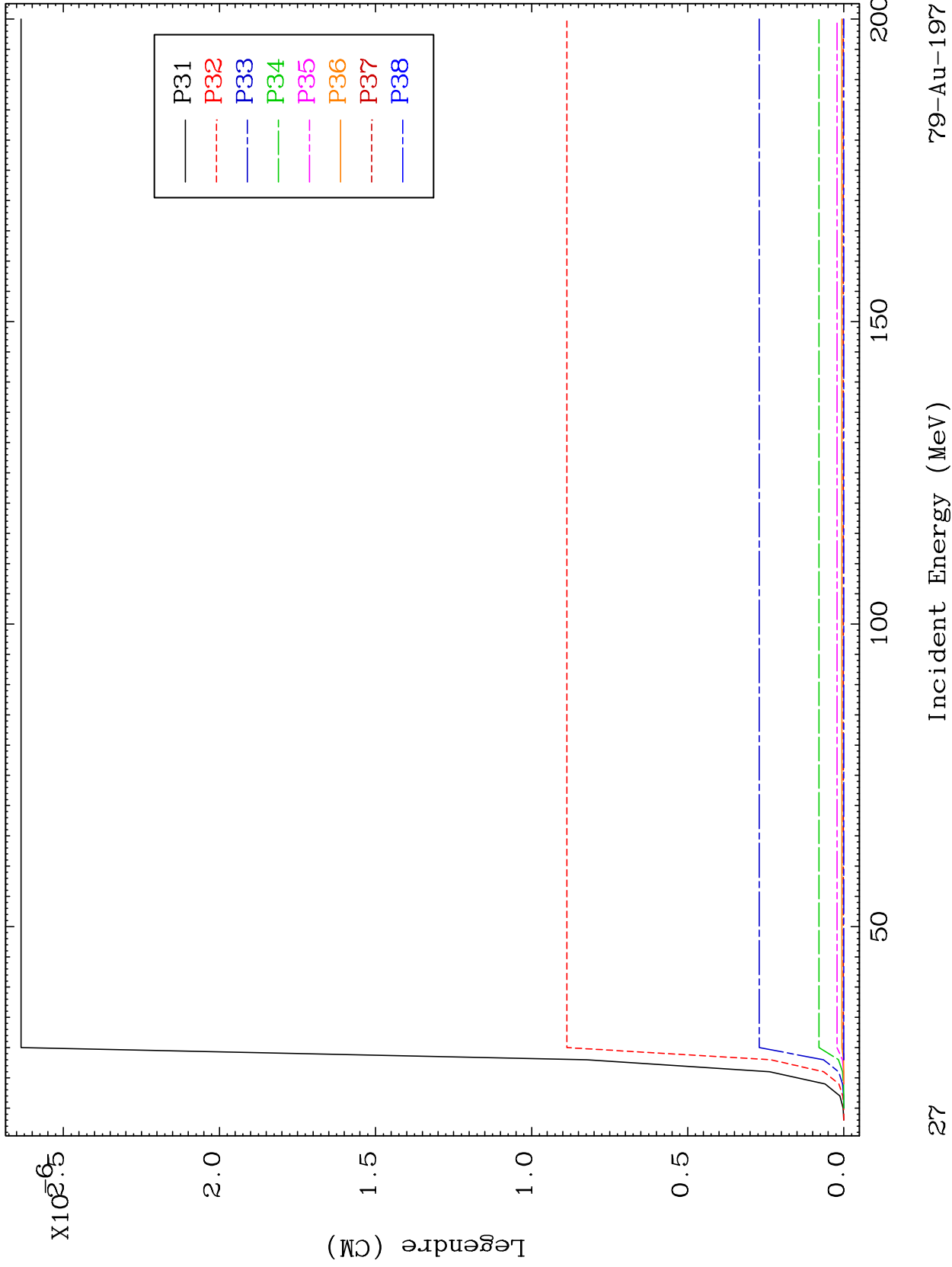
79-Au-197



26

Incident Energy (MeV)

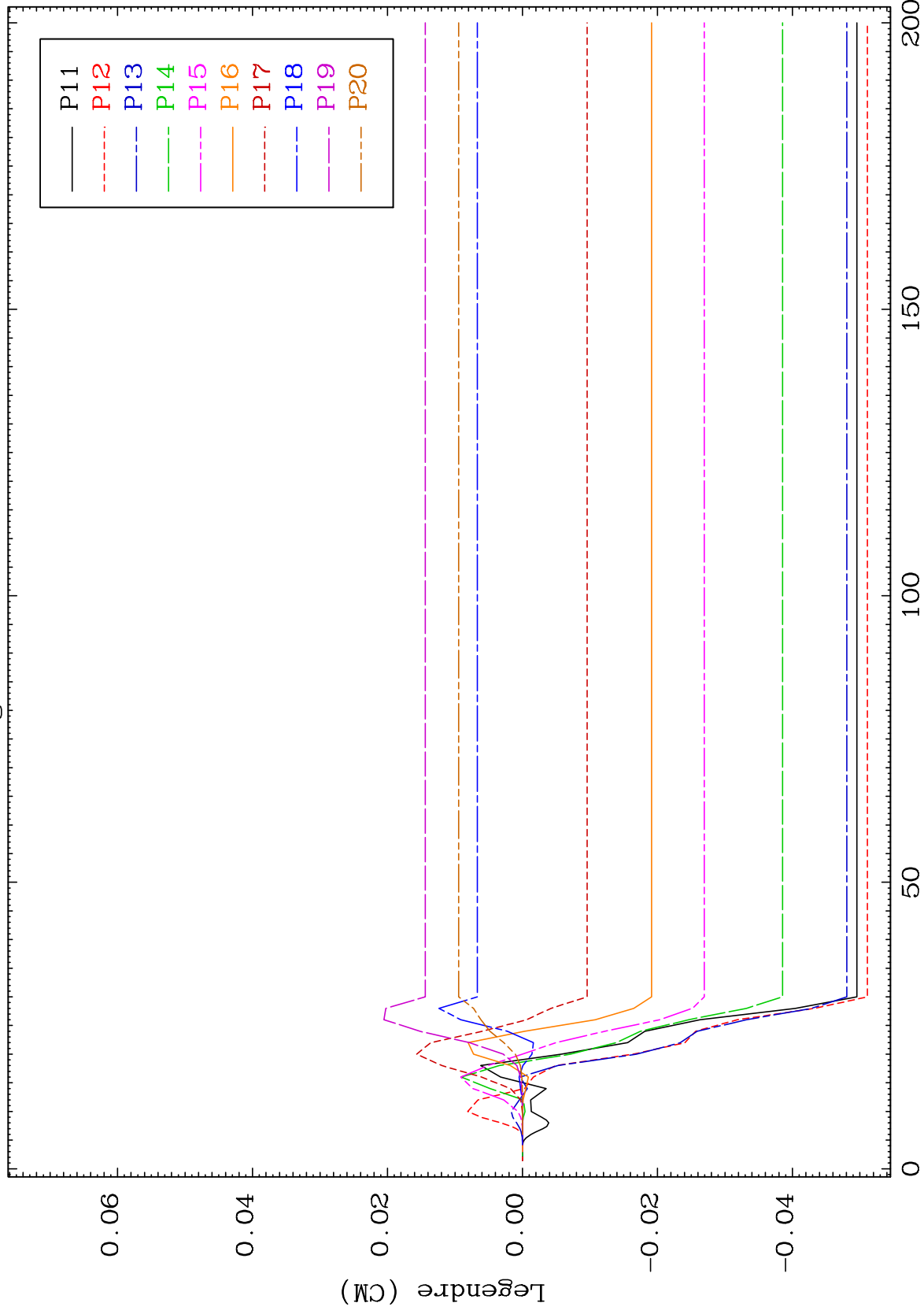
79-Au-197



MAT 7925

279.0 keV (n,n') Level
Legendre Coefficients

79-Au-197



29

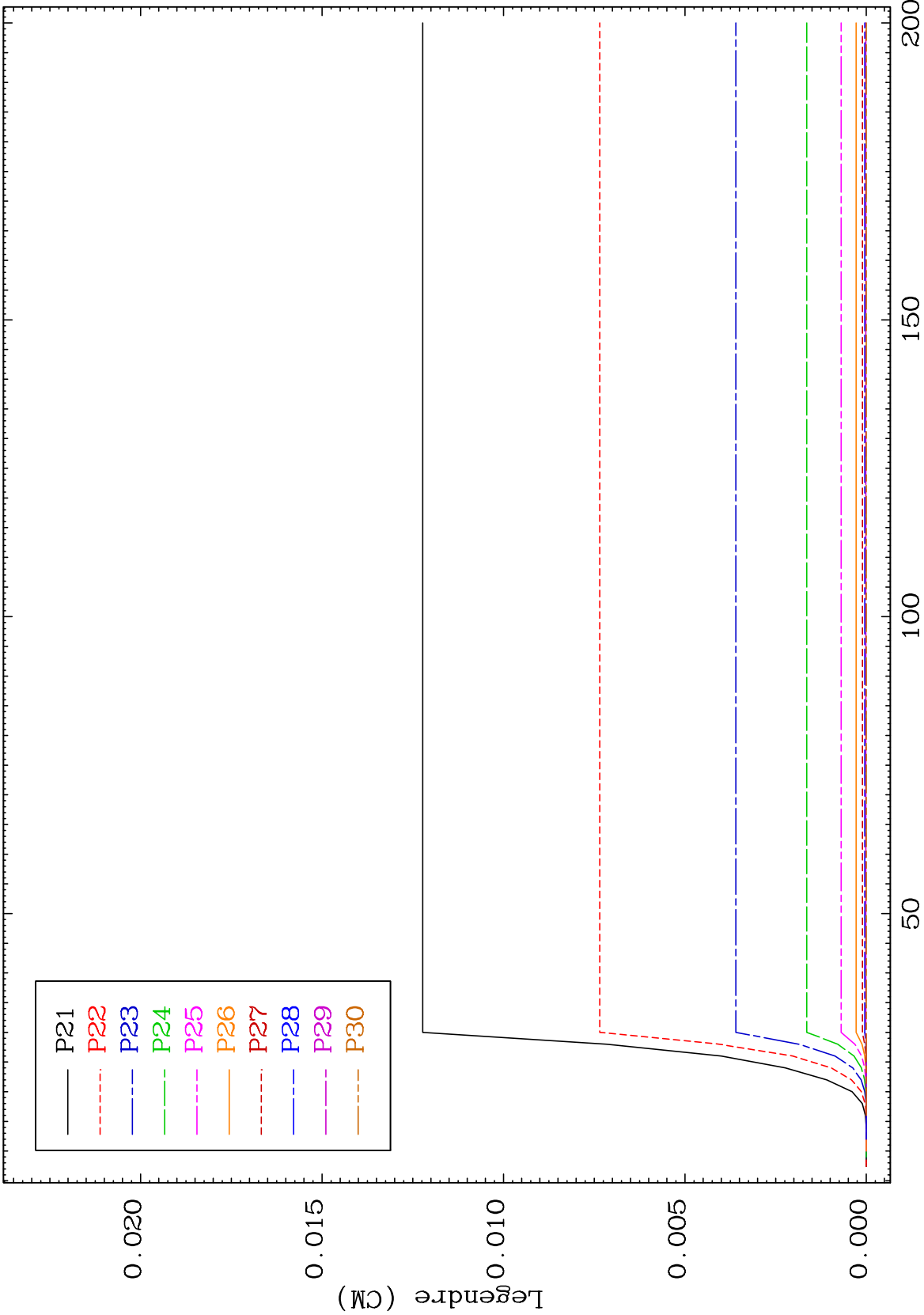
Incident Energy (MeV)

79-Au-197

MAT 7925

279.0 keV (n,n') Level
Legendre Coefficients

79-Au-197



30

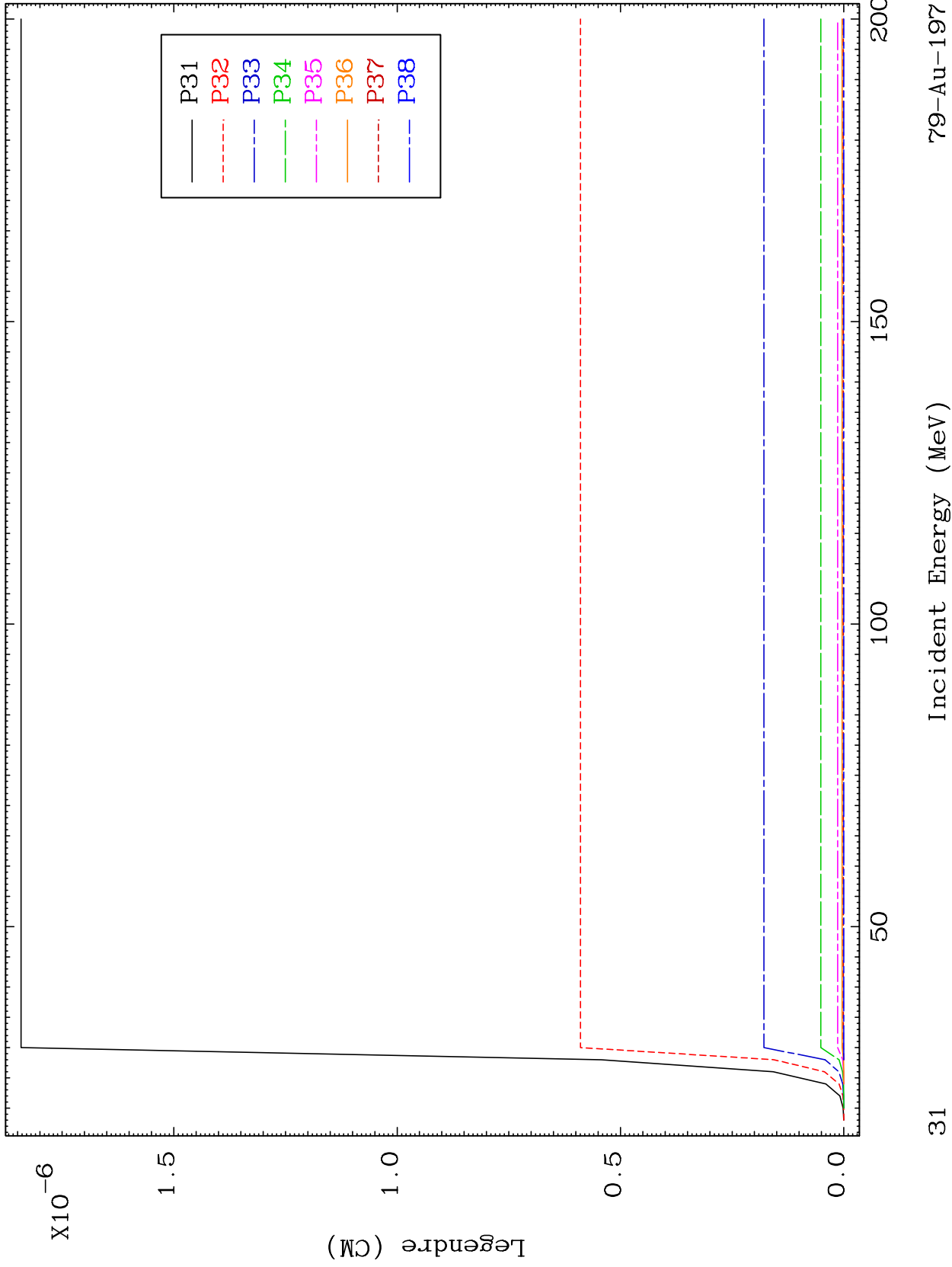
Incident Energy (MeV)

79-Au-197

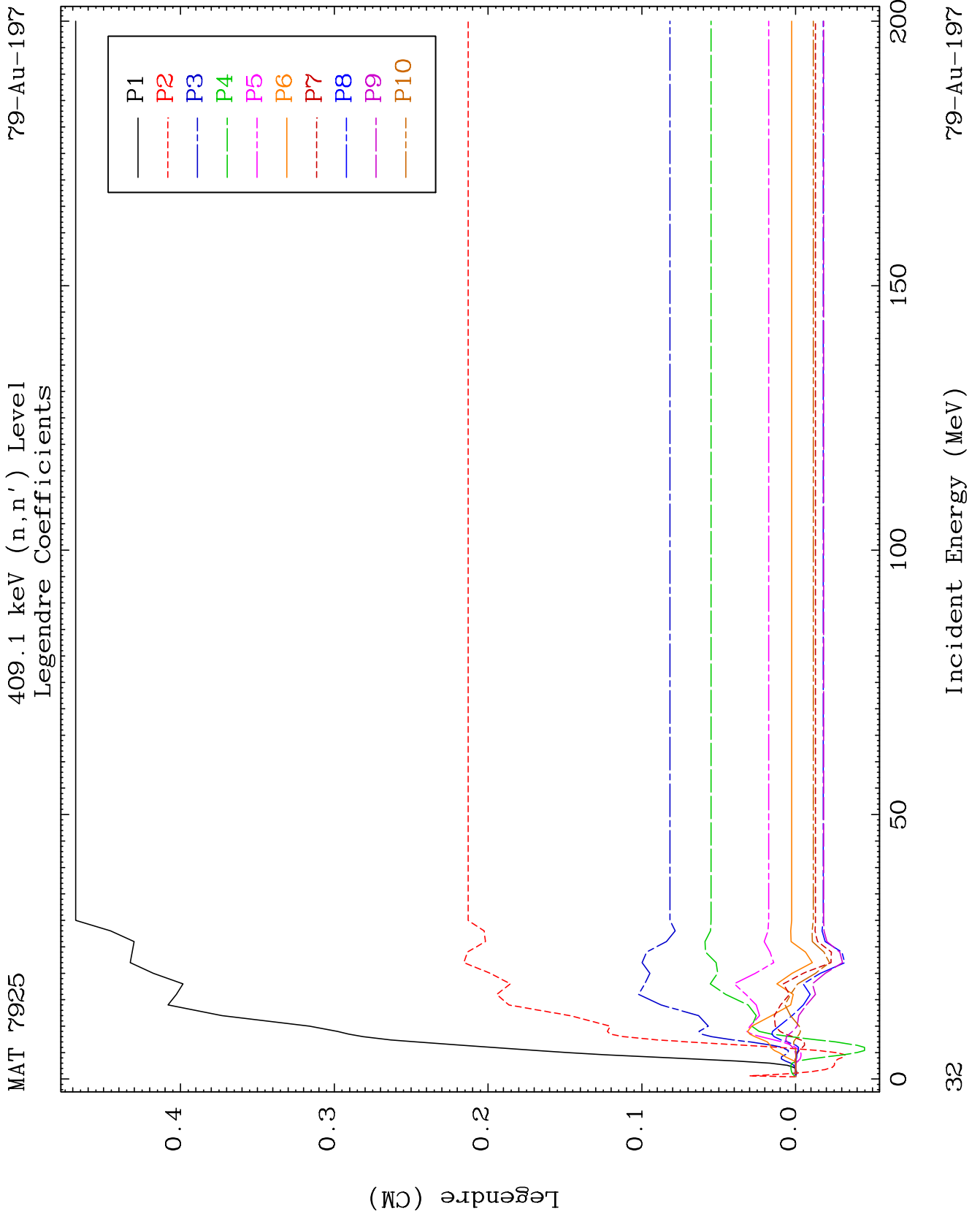
MAT 7925

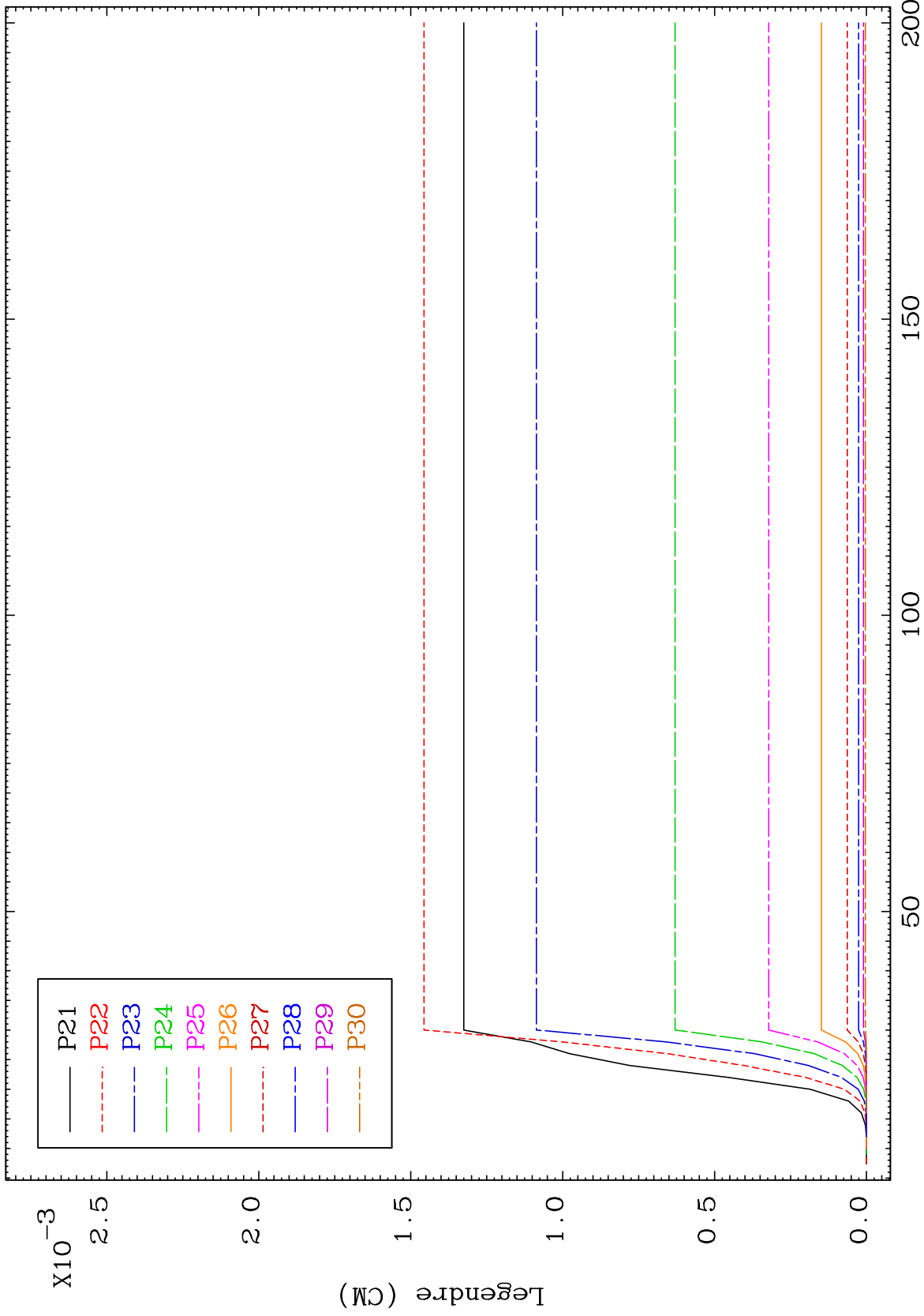
279.0 keV (n,n') Level
Legendre Coefficients

79-Au-197



31

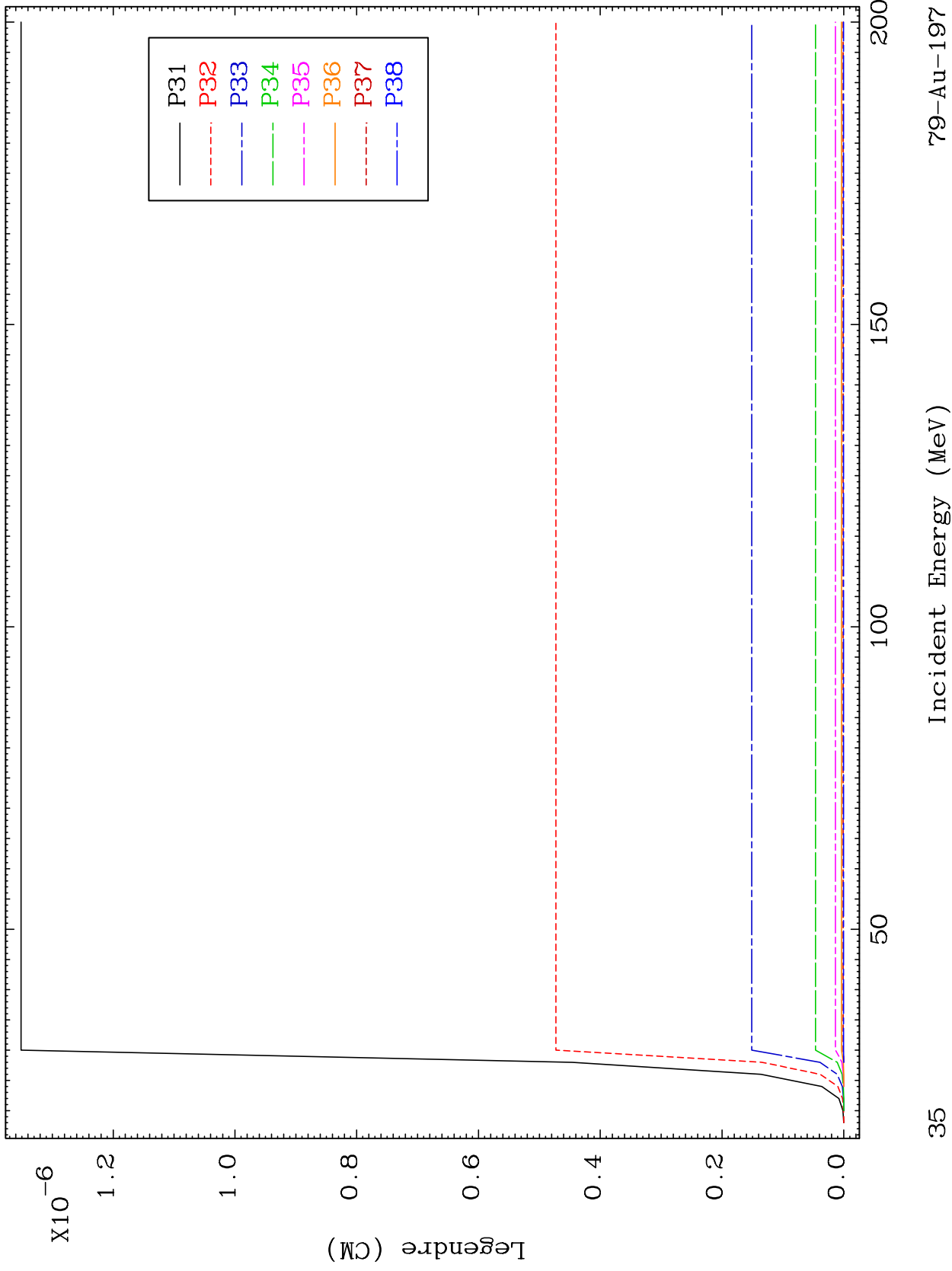




MAT 7925

409.1 keV (n,n') Level
Legendre Coefficients

79-Au-197



35

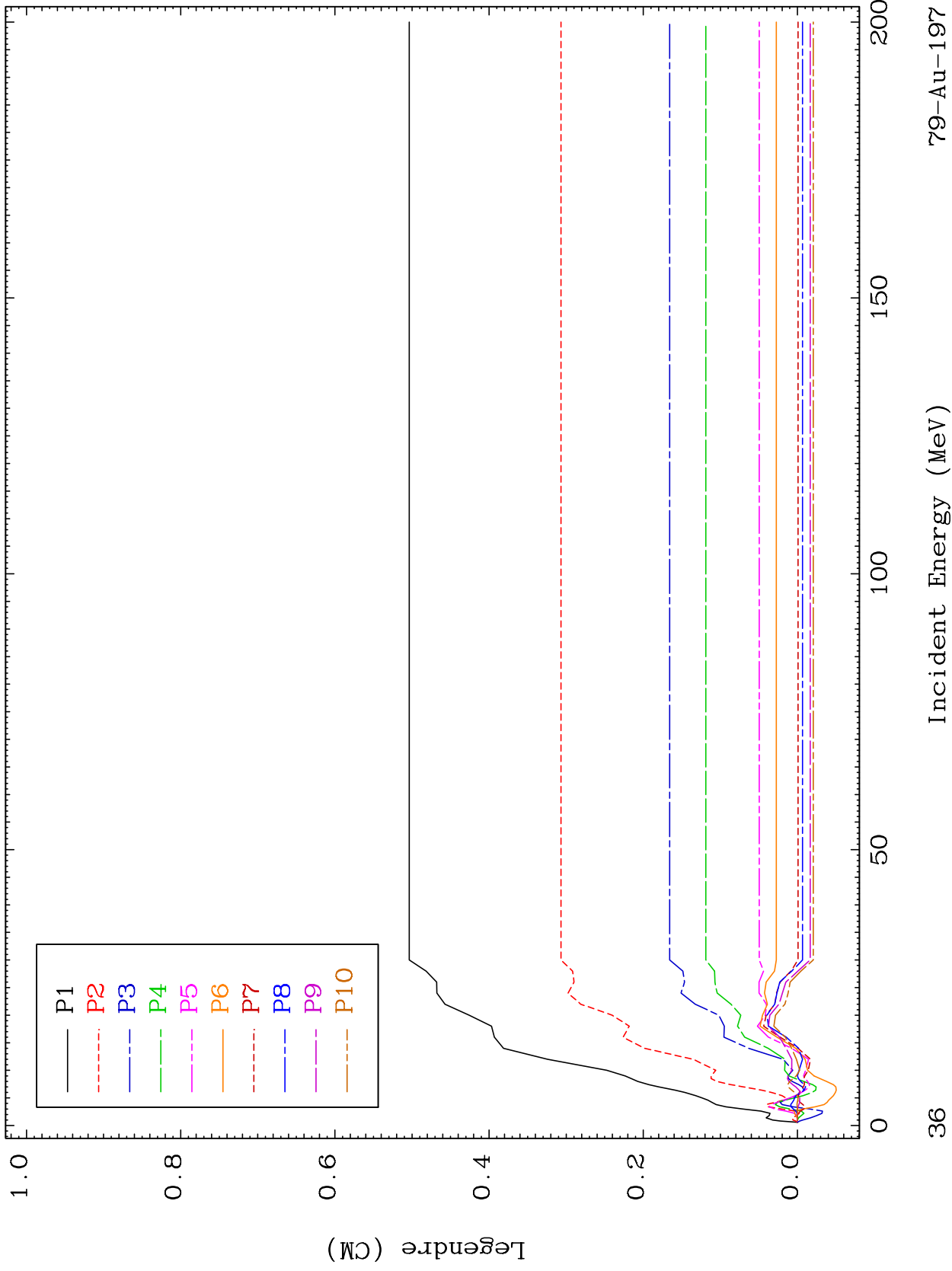
Incident Energy (MeV)

79-Au-197

MAT 7925

502.5 keV (n,n') Level
Legendre Coefficients

79-Au-197



36

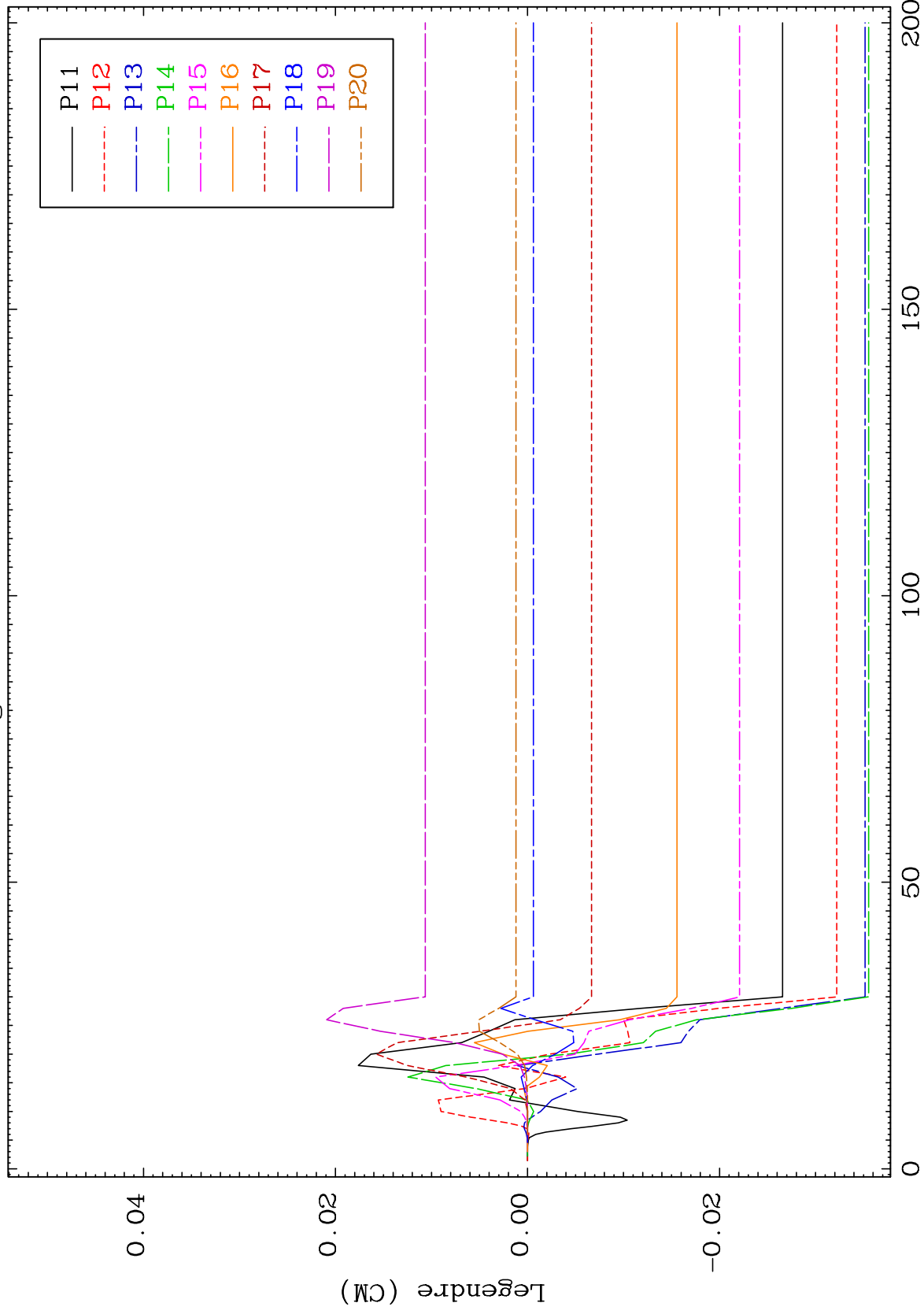
Incident Energy (MeV)

79-Au-197

MAT 7925

502.5 keV (n,n') Level
Legendre Coefficients

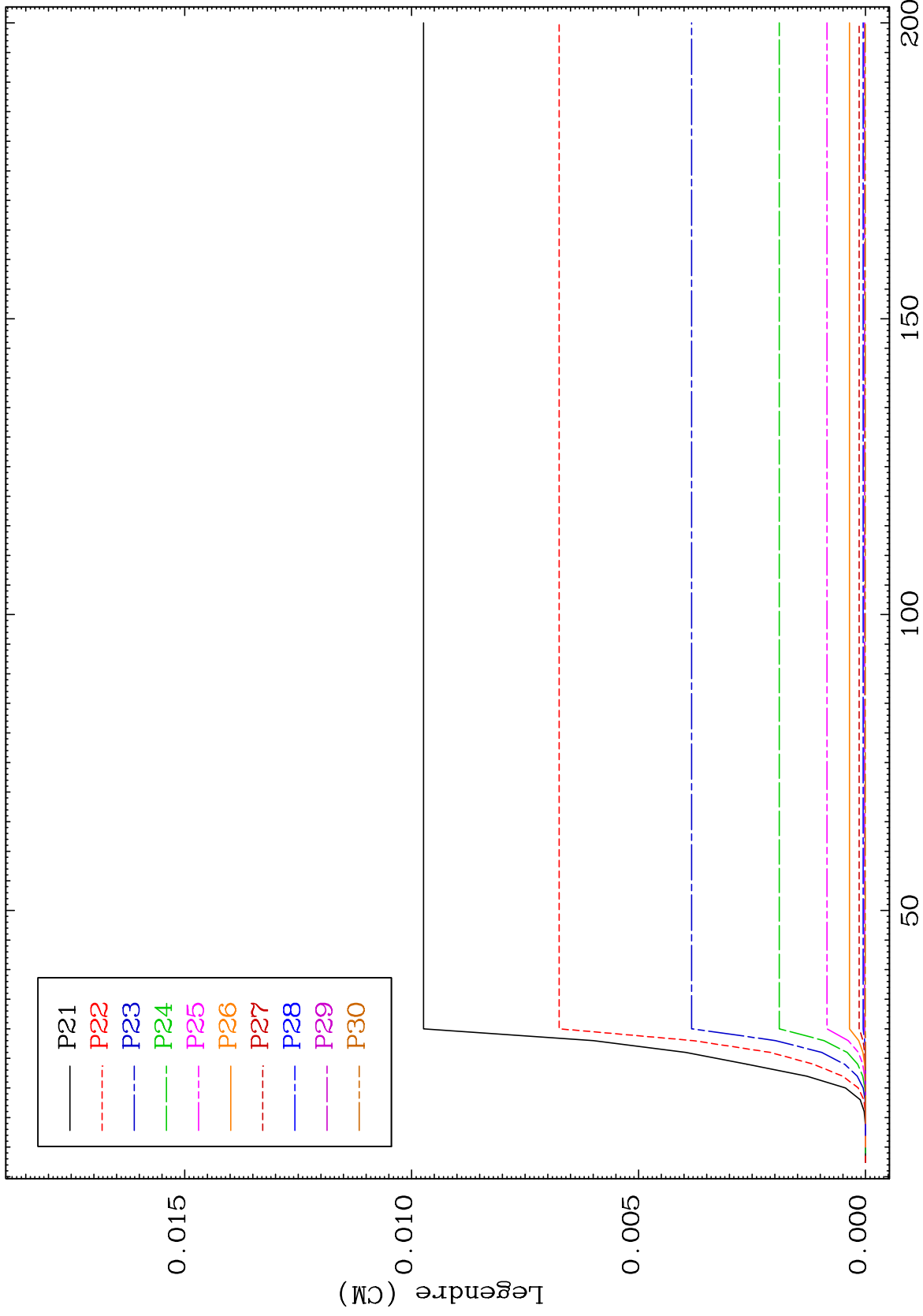
79-Au-197

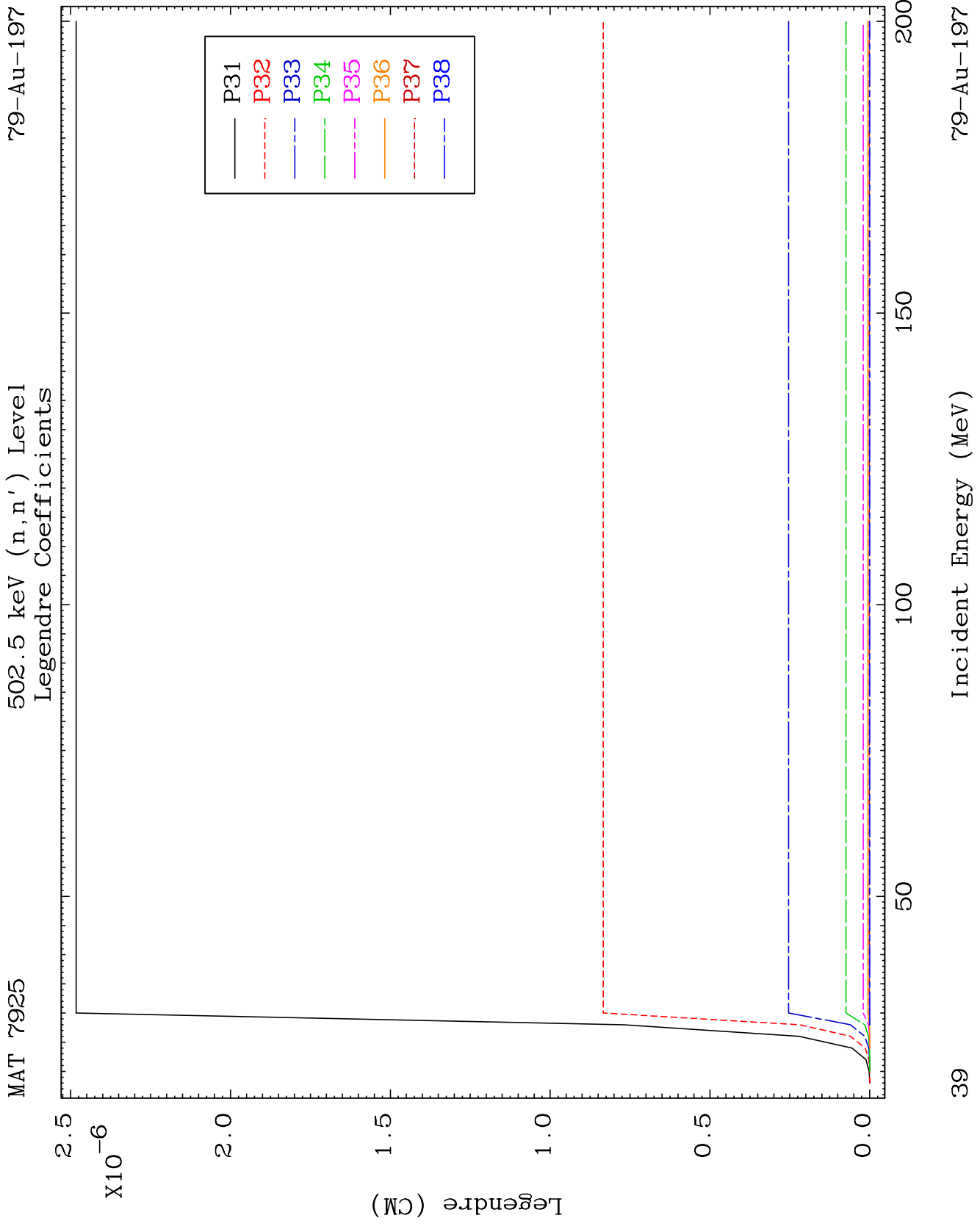


37

Incident Energy (MeV)

79-Au-197

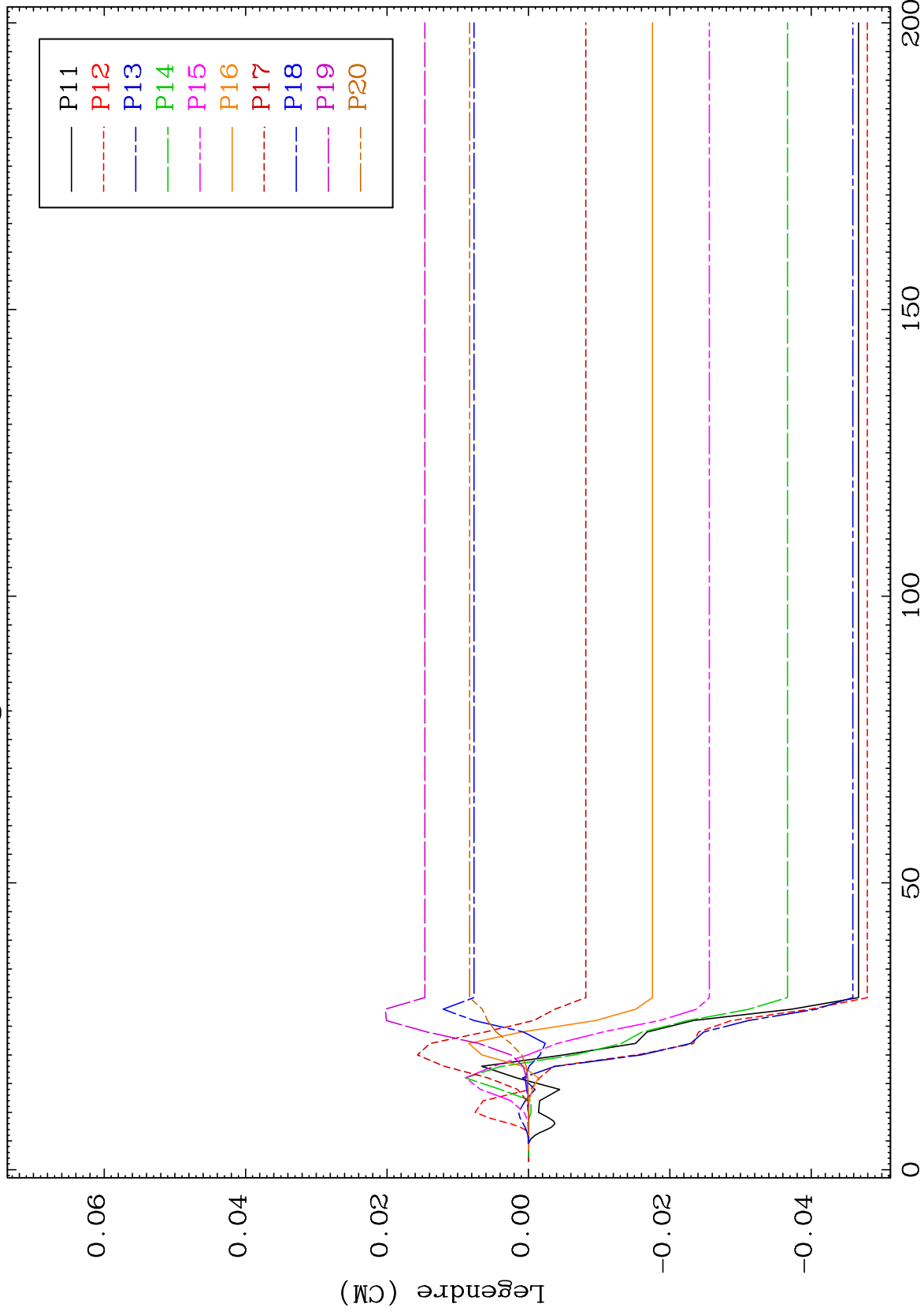




MAT 7925

547.5 keV (n,n') Level
Legendre Coefficients

79-Au-197



41

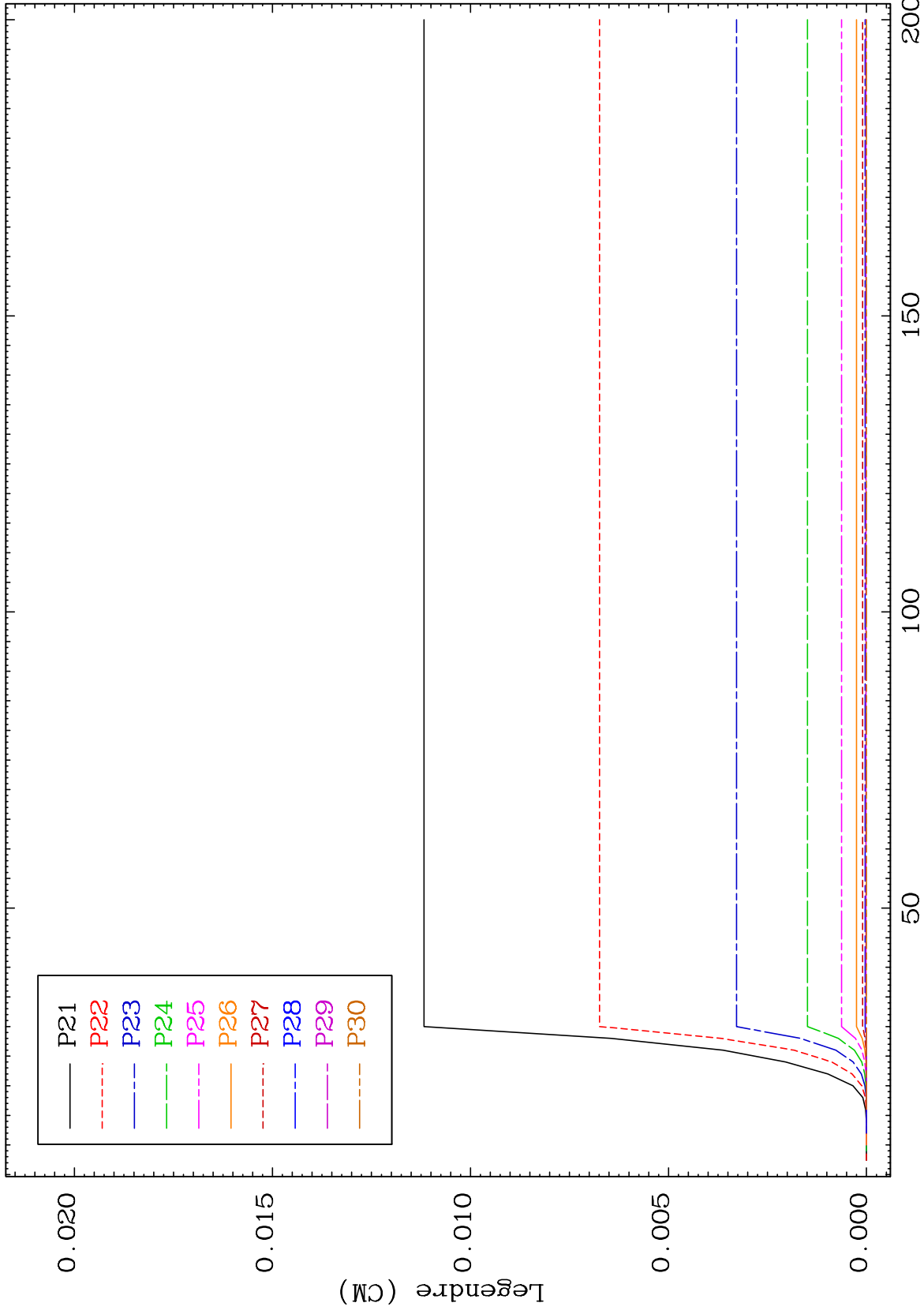
Incident Energy (MeV)

79-Au-197

MAT 7925

547.5 keV (n,n') Level
Legendre Coefficients

79-Au-197



42

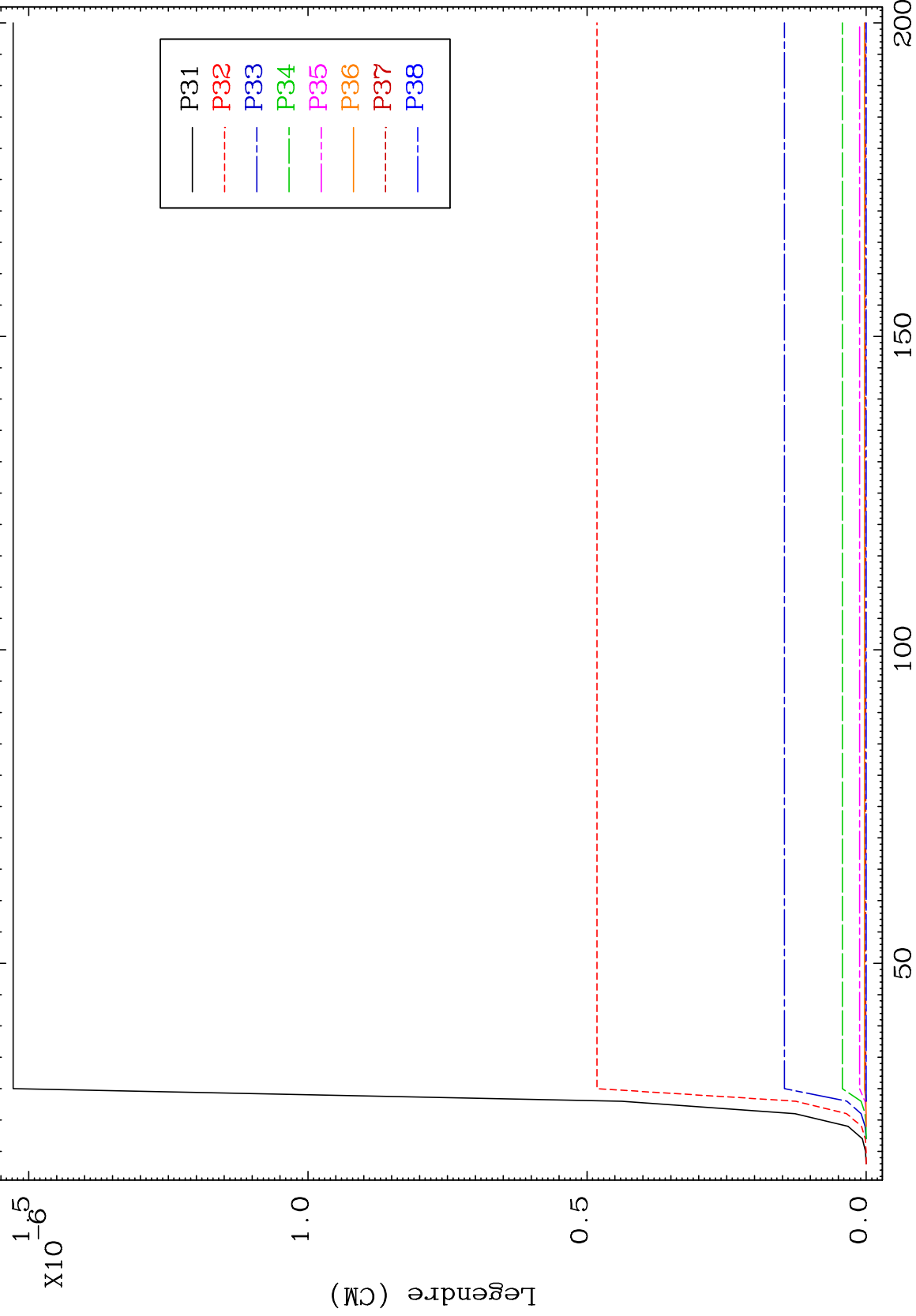
Incident Energy (MeV)

79-Au-197

MAT 7925

547.5 keV (n,n') Level
Legendre Coefficients

79-Au-197



43

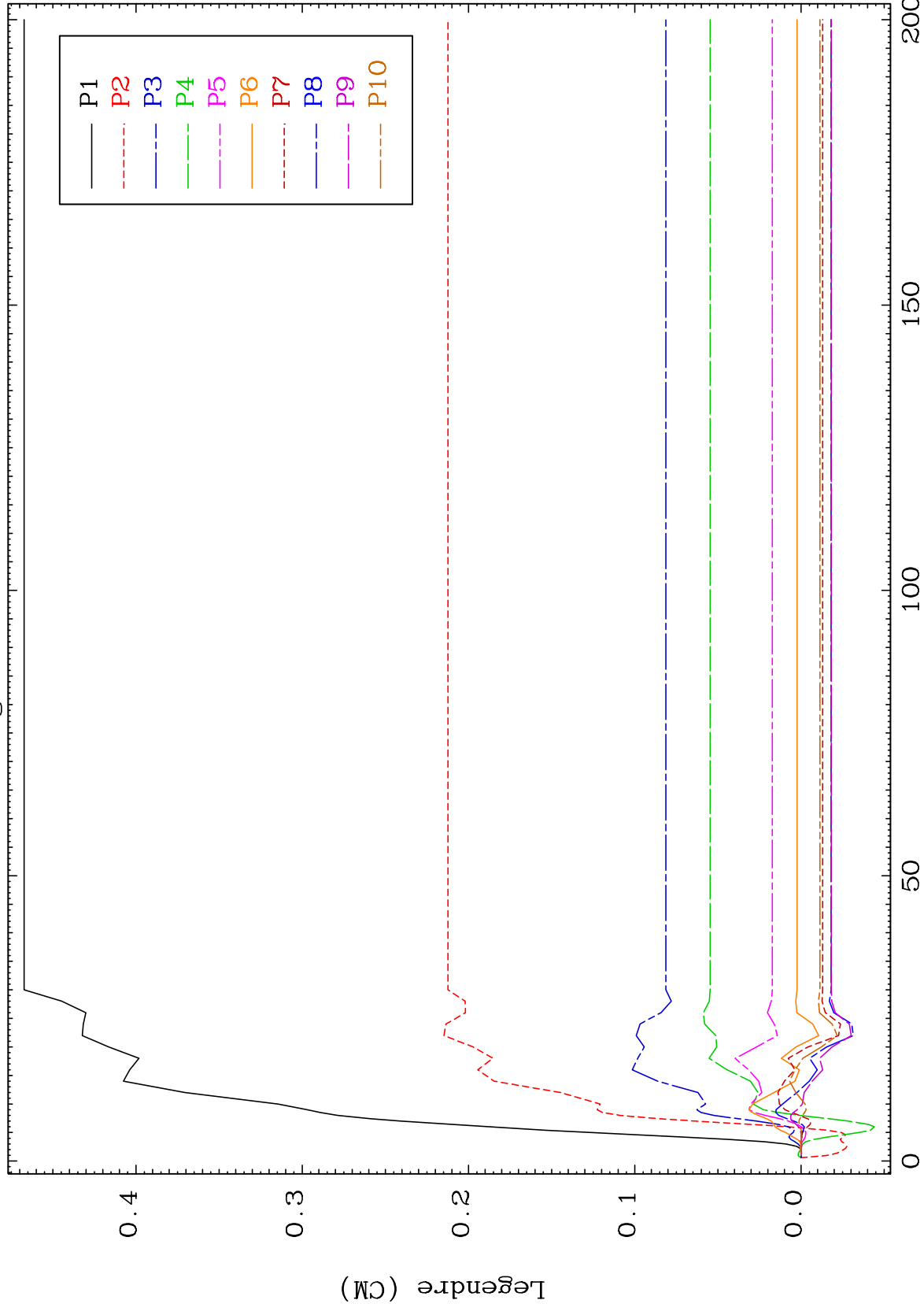
Incident Energy (MeV)

79-Au-197

MAT 7925

583.0 keV (n,n') Level
Legendre Coefficients

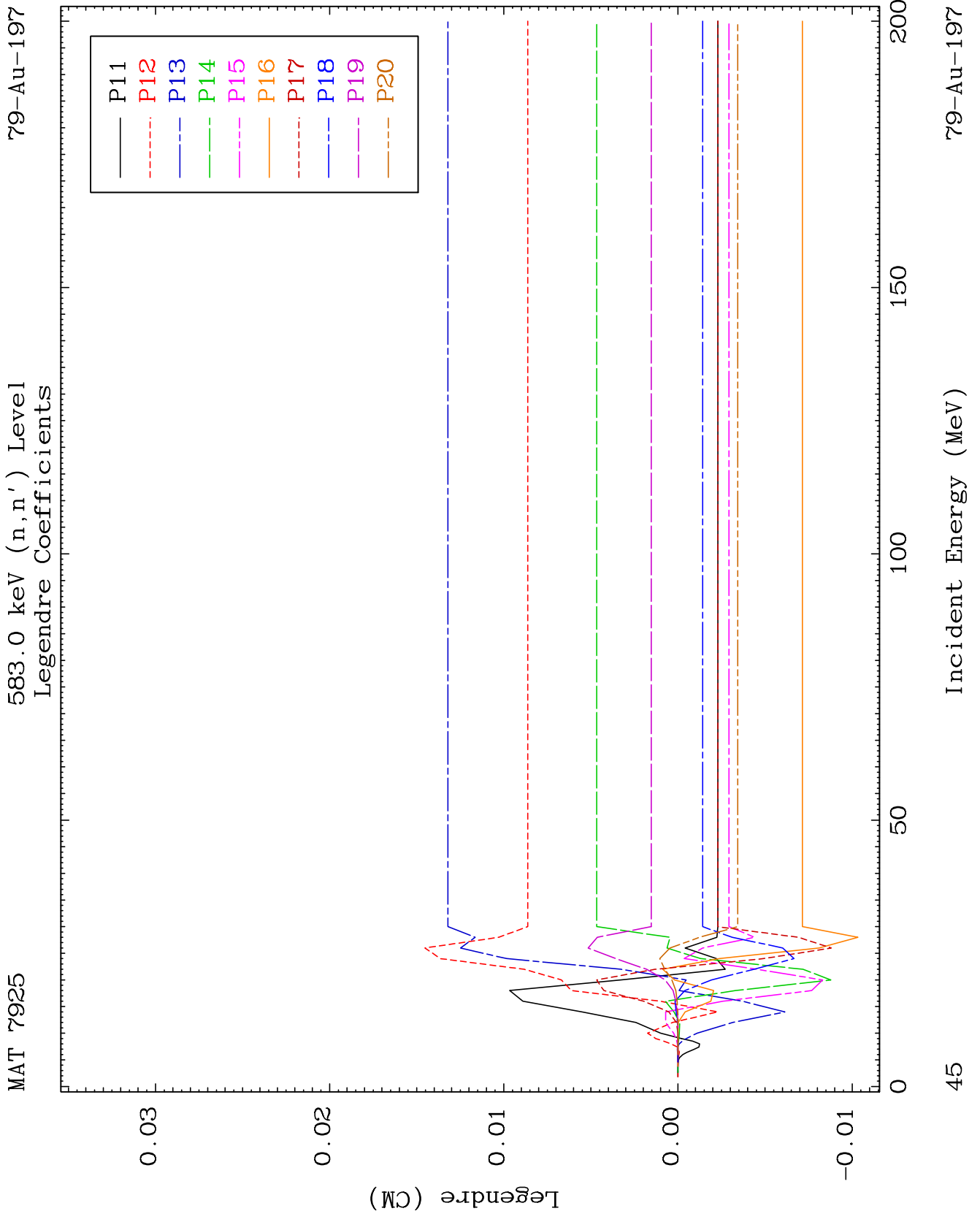
79-Au-197



44

Incident Energy (MeV)

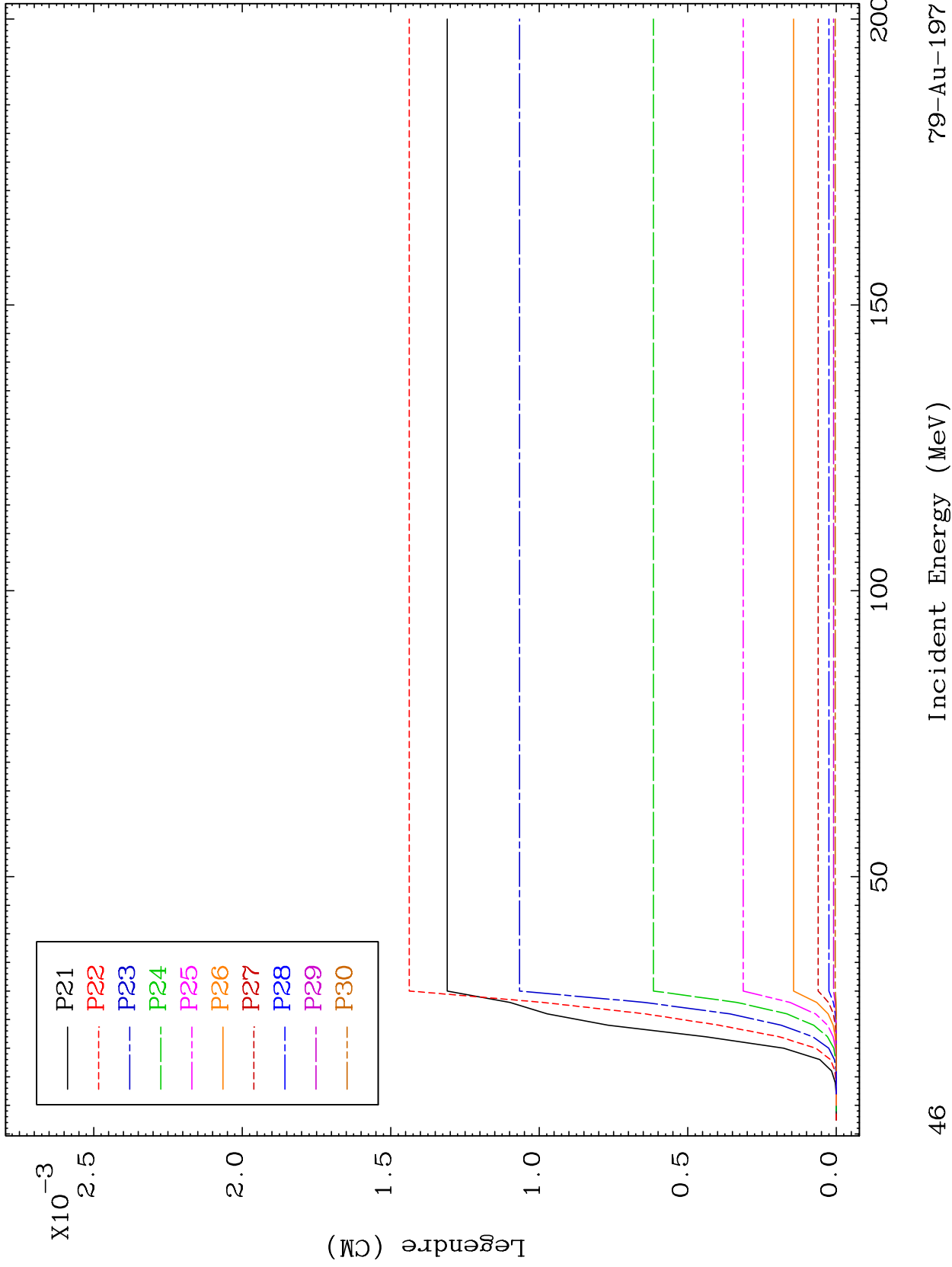
79-Au-197



MAT 7925

583.0 keV (n,n') Level
Legendre Coefficients

79-Au-197



46

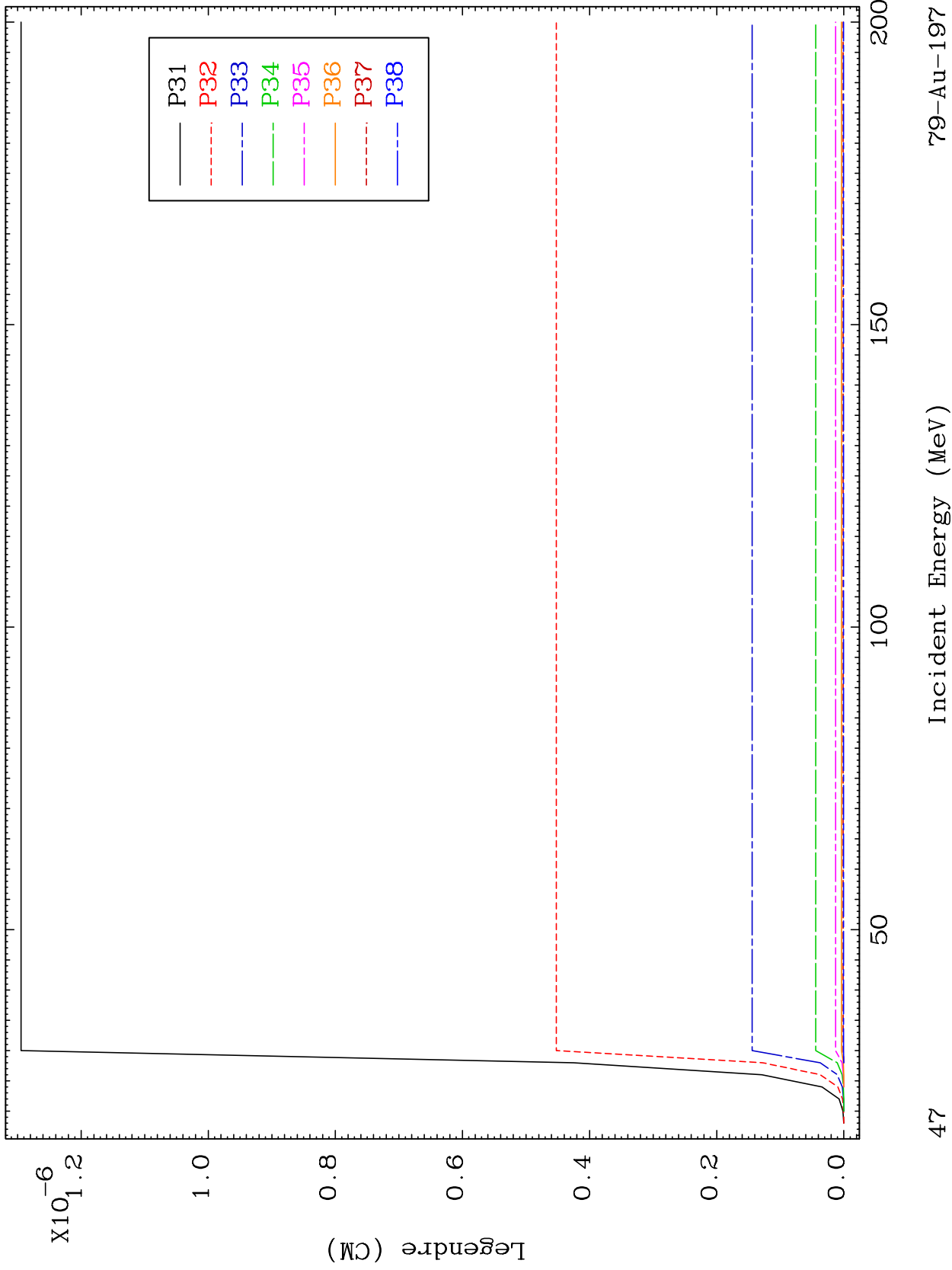
Incident Energy (MeV)

79-Au-197

MAT 7925

583.0 keV (n,n') Level
Legendre Coefficients

79-Au-197



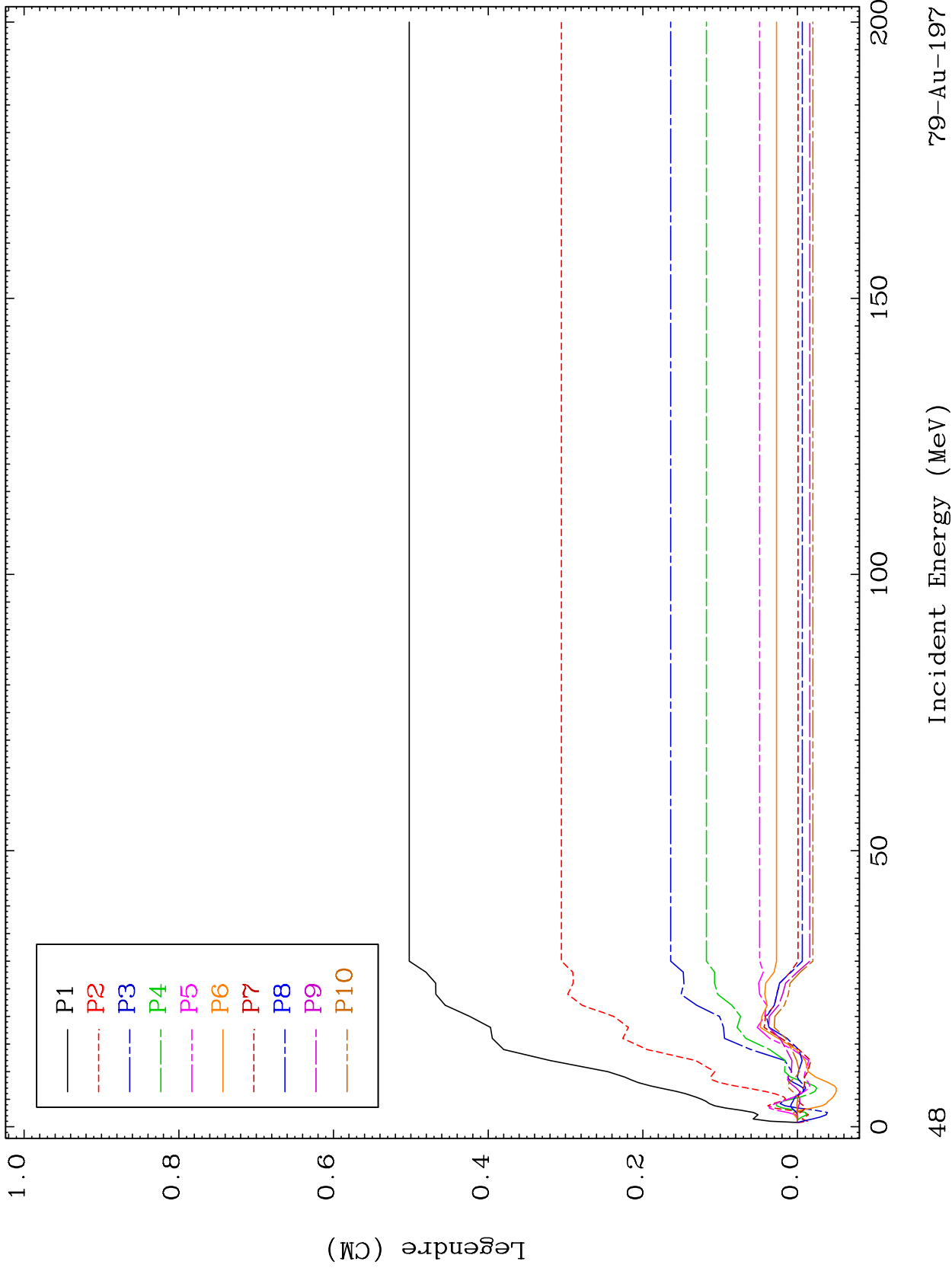
47

79-Au-197

MAT 7925

736.7 keV (n, n') Level
Legendre Coefficients

79-Au-197

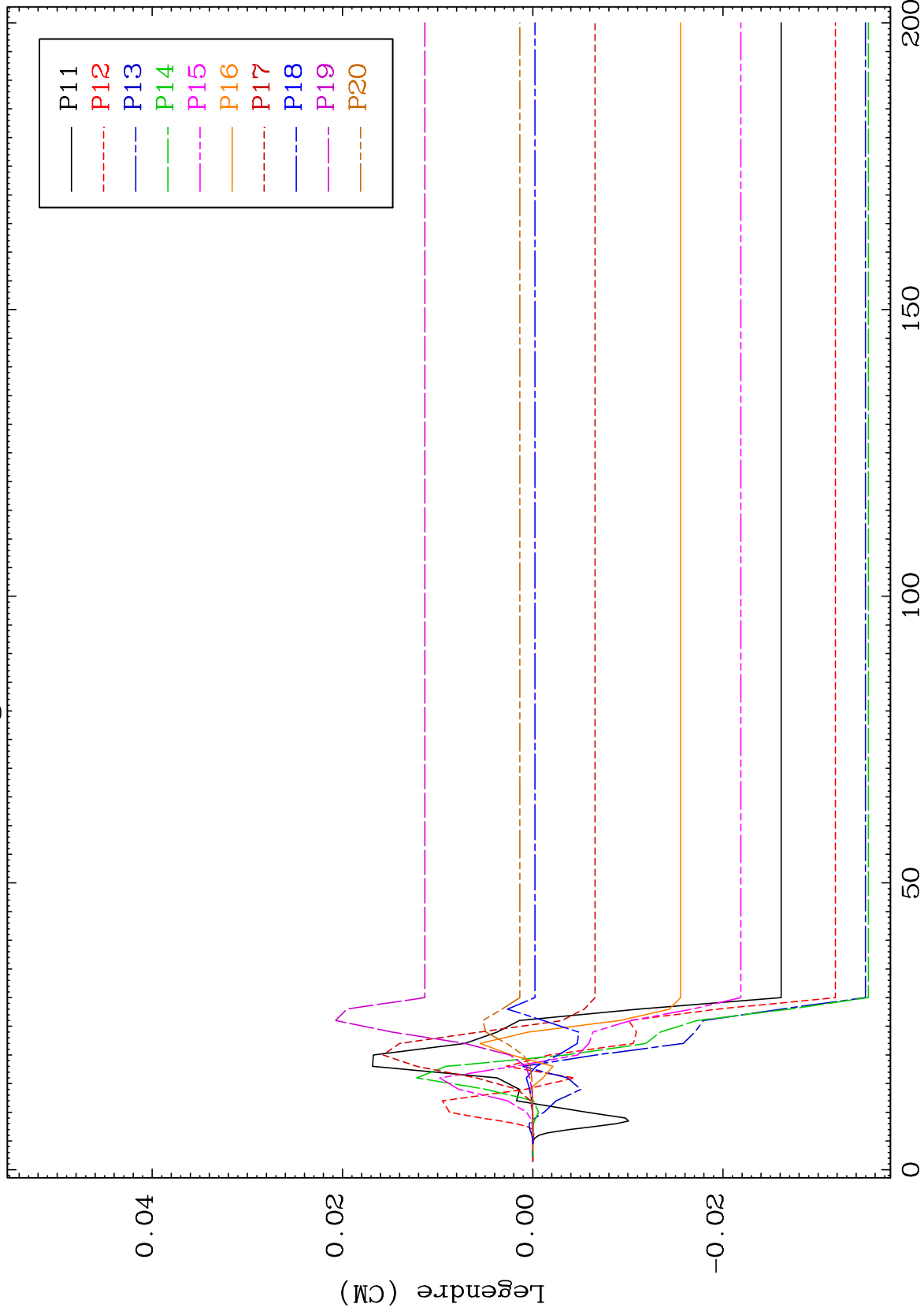


48

MAT 7925

736.7 keV (n,n') Level
Legendre Coefficients

79-Au-197



49

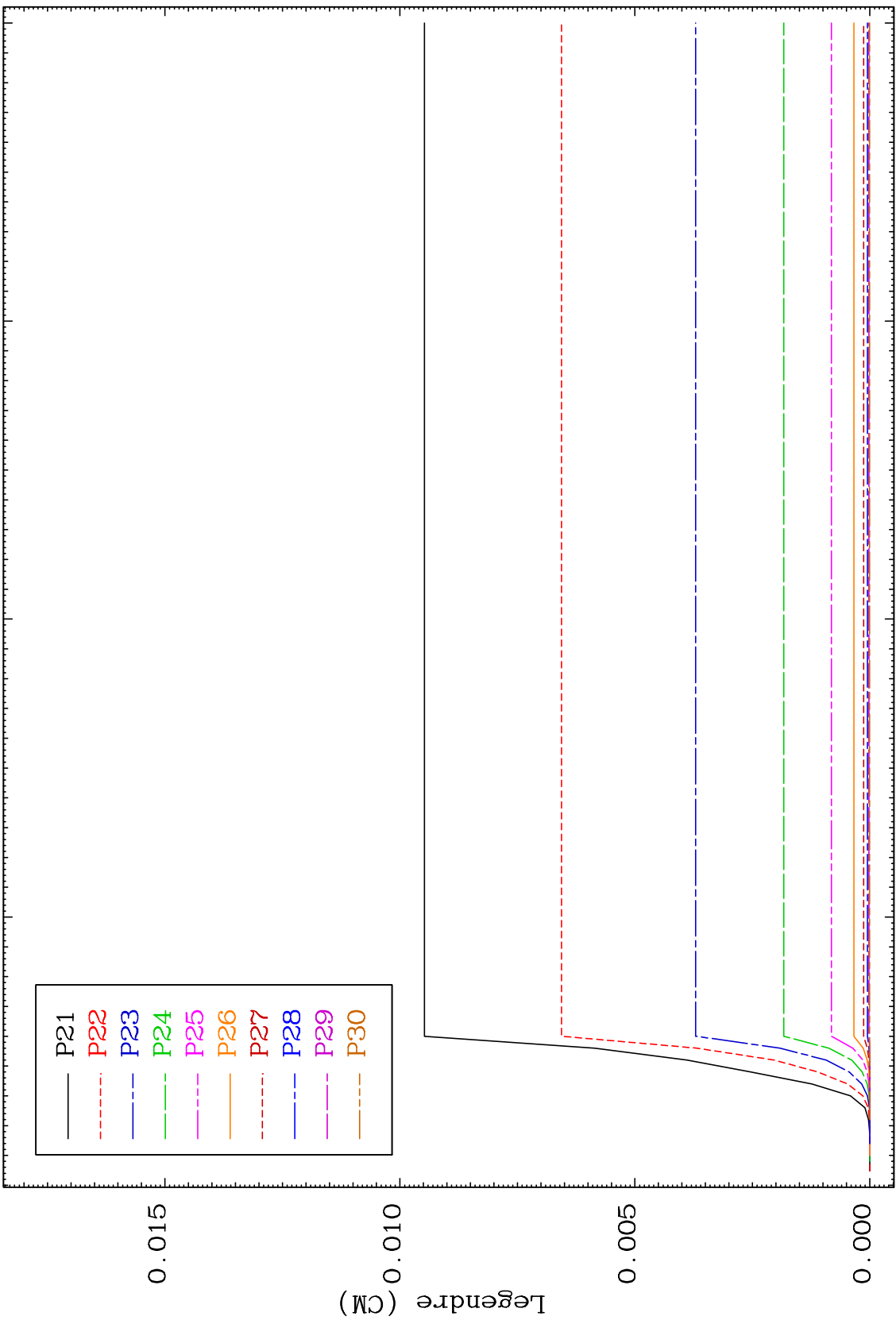
Incident Energy (MeV)

79-Au-197

MAT 7925

736.7 keV (n,n') Level
Legendre Coefficients

79-Au-197



79-Au-197

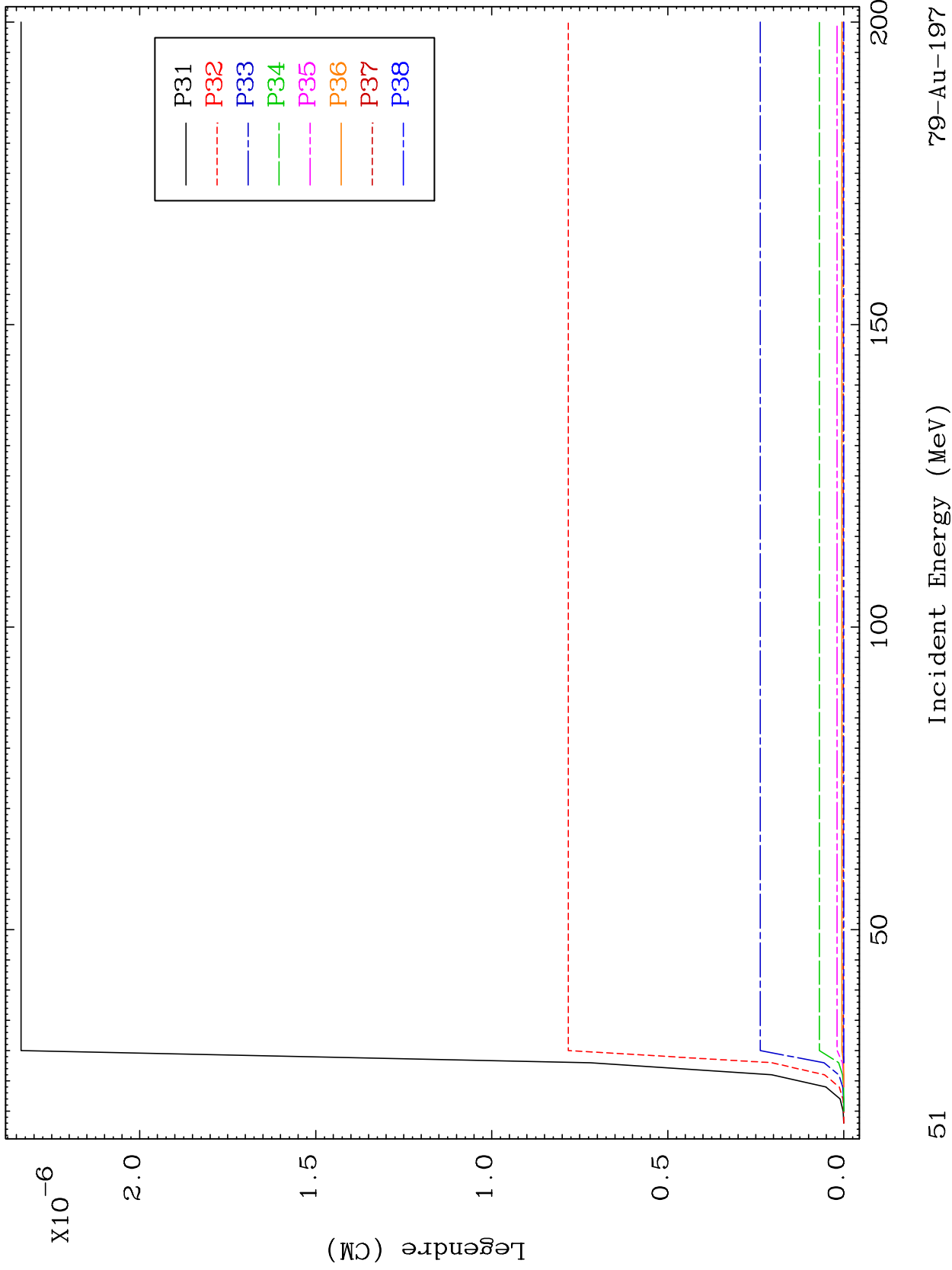
Incident Energy (MeV)

50

MAT 7925

736.7 keV (n,n') Level
Legendre Coefficients

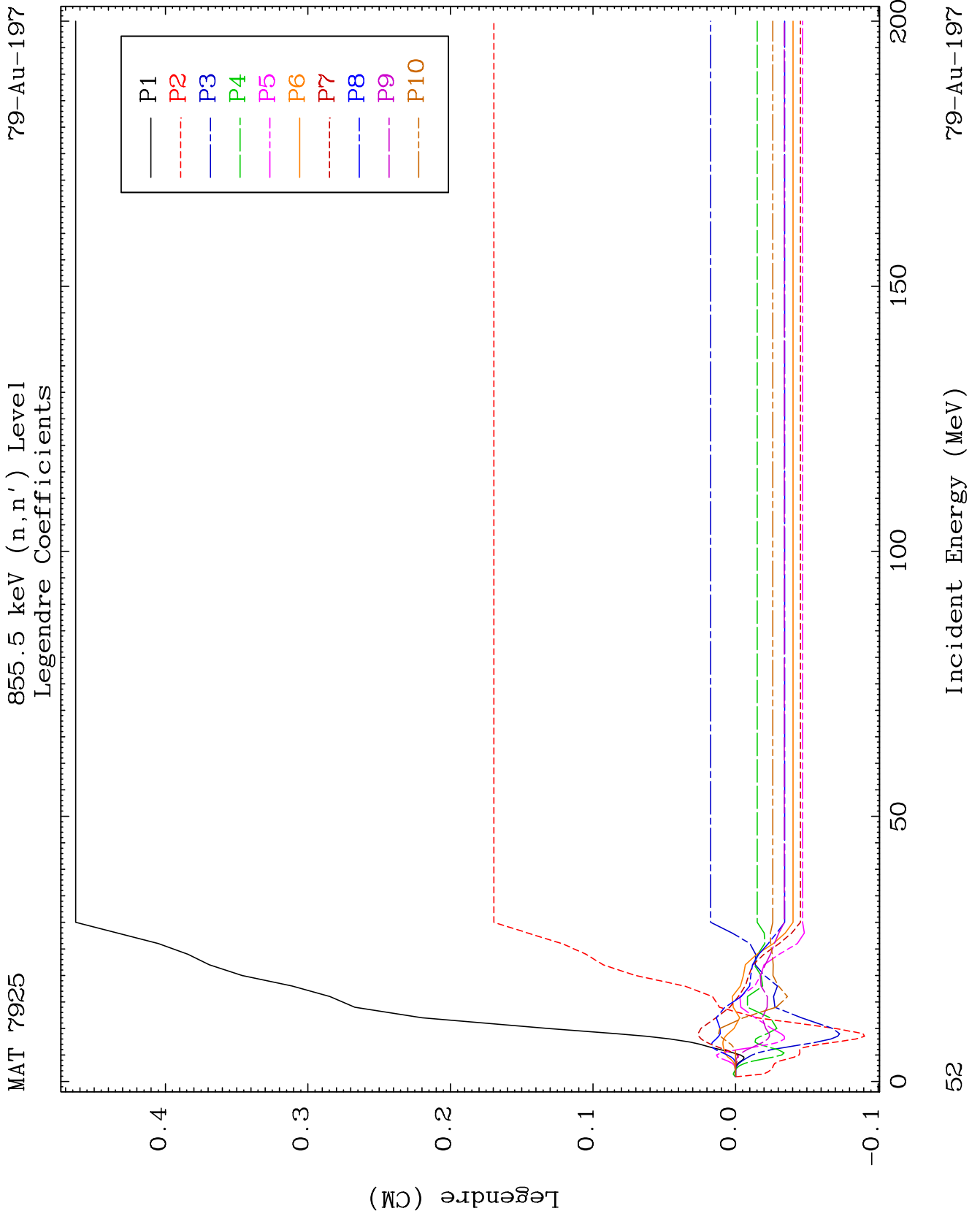
79-Au-197



51

Incident Energy (MeV)

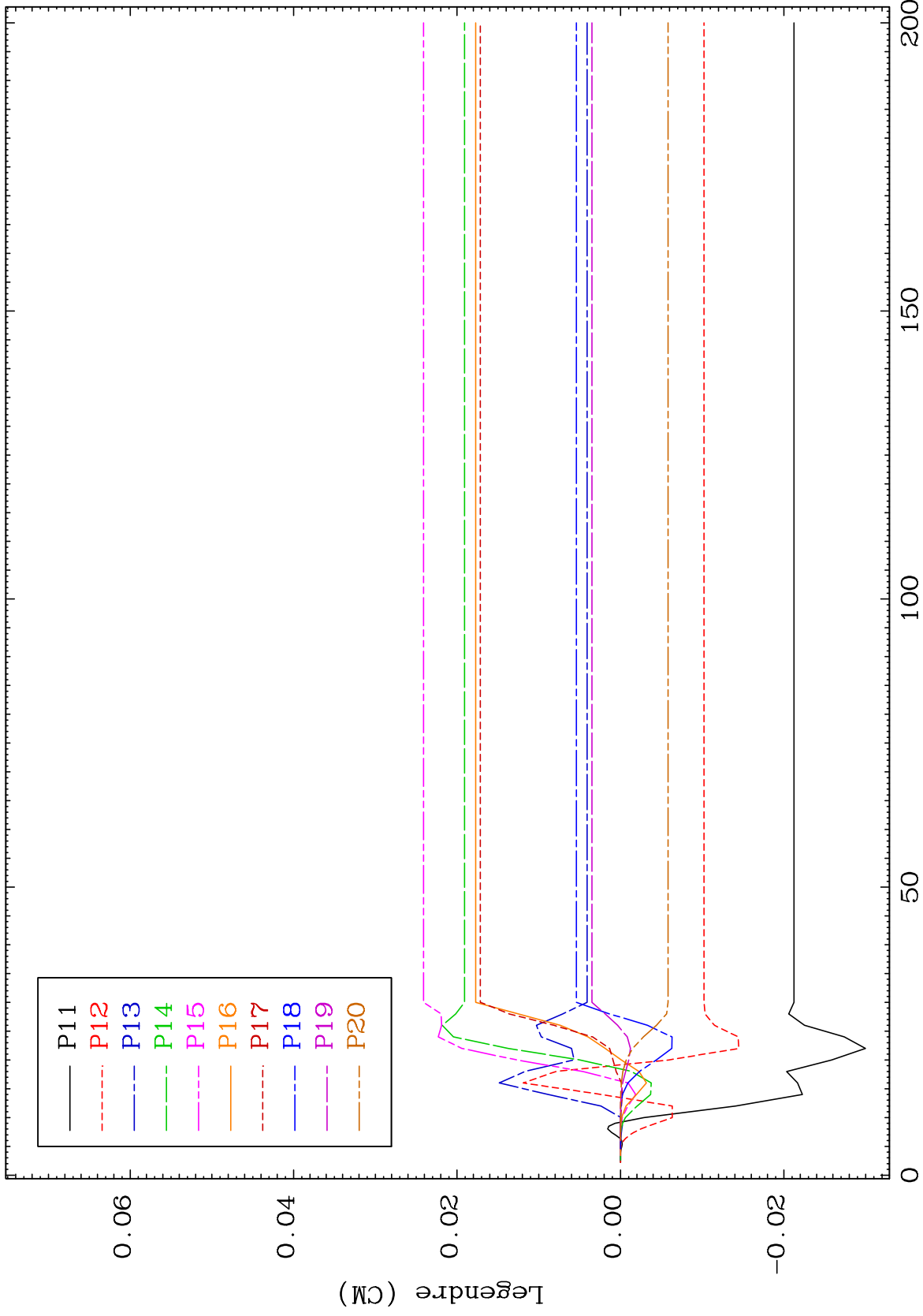
79-Au-197



MAT 7925

855.5 keV (n,n') Level
Legendre Coefficients

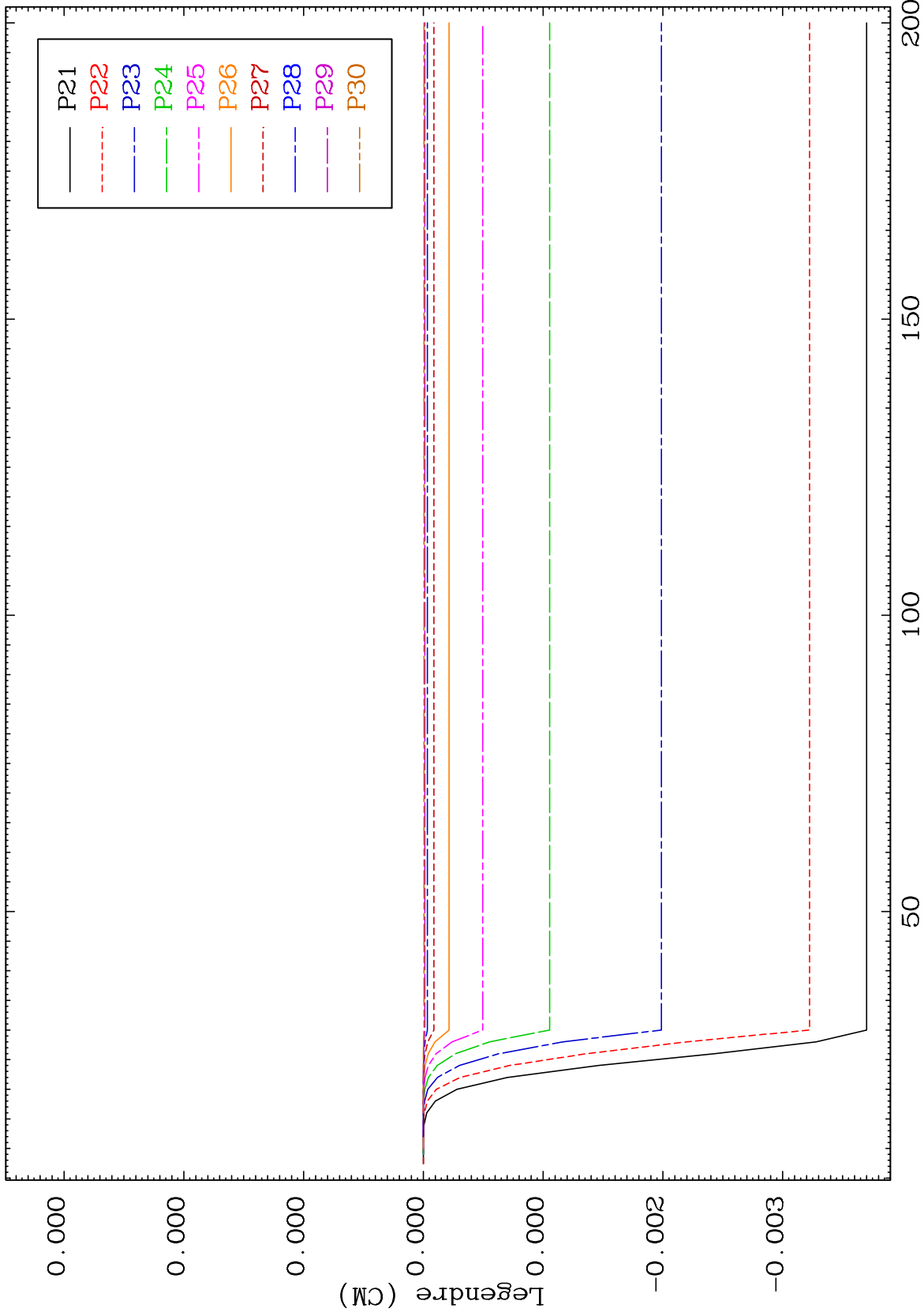
79-Au-197

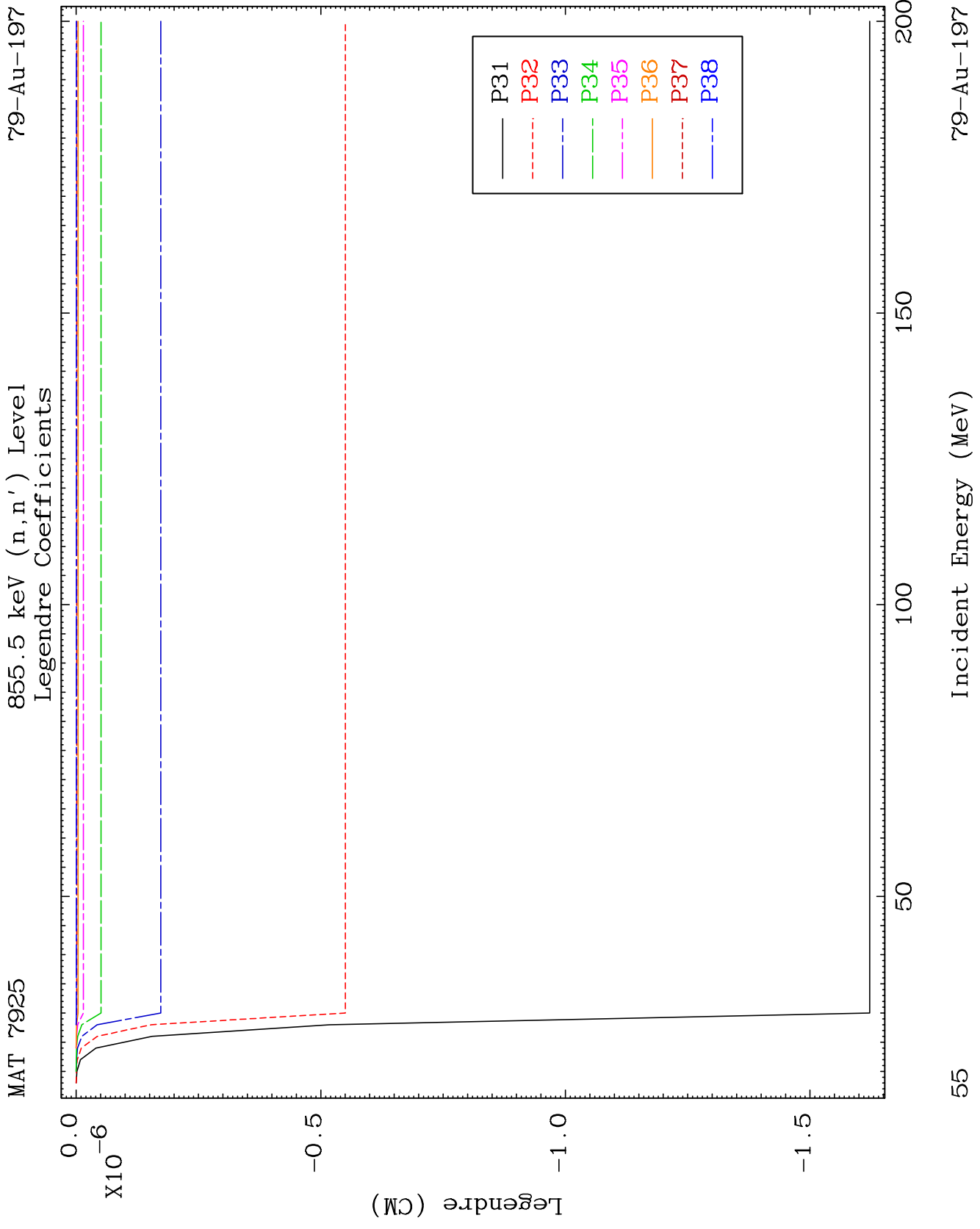


53

Incident Energy (MeV)

79-Au-197

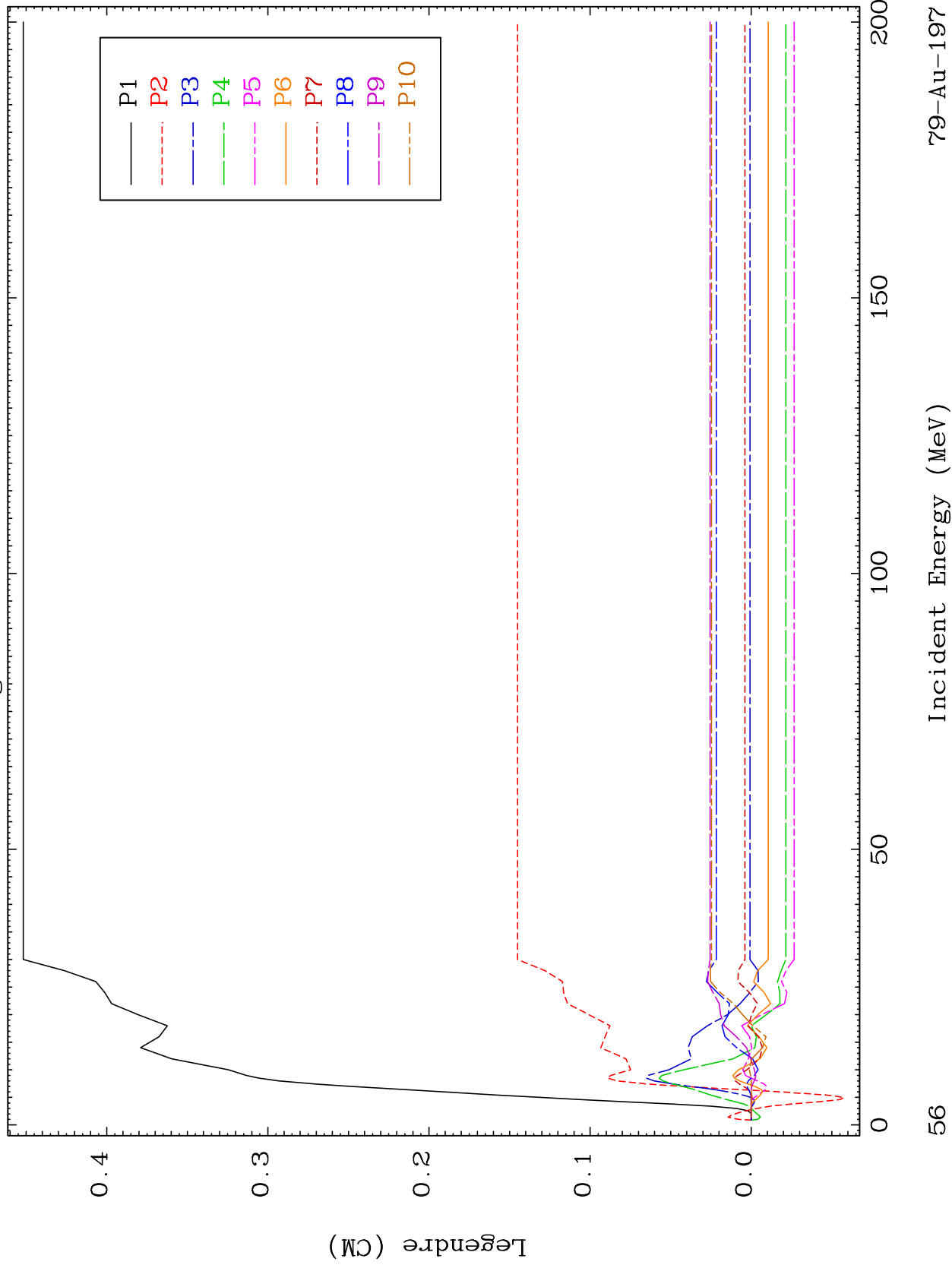




MAT 7925

882.0 keV (n,n') Level
Legendre Coefficients

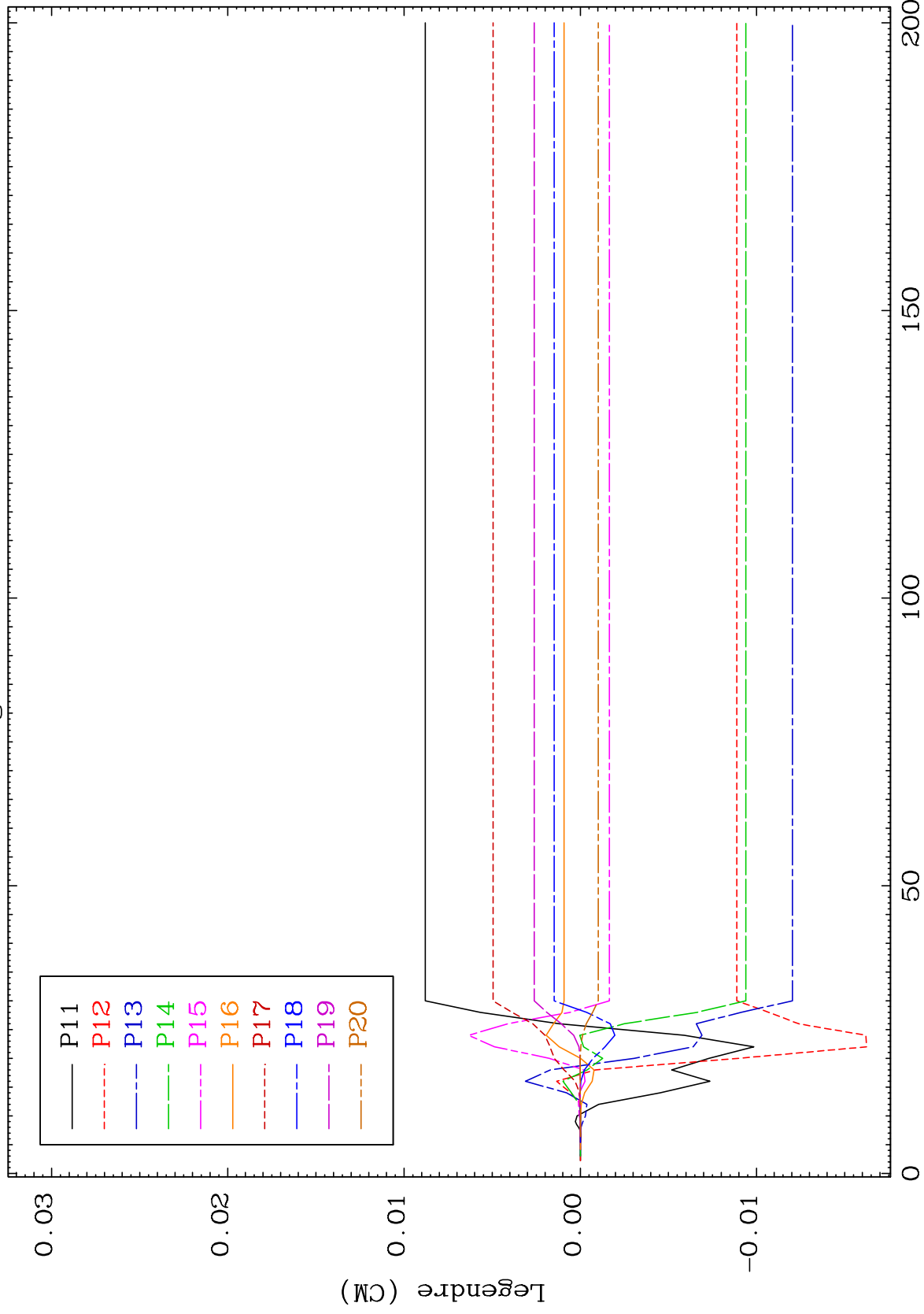
79-Au-197

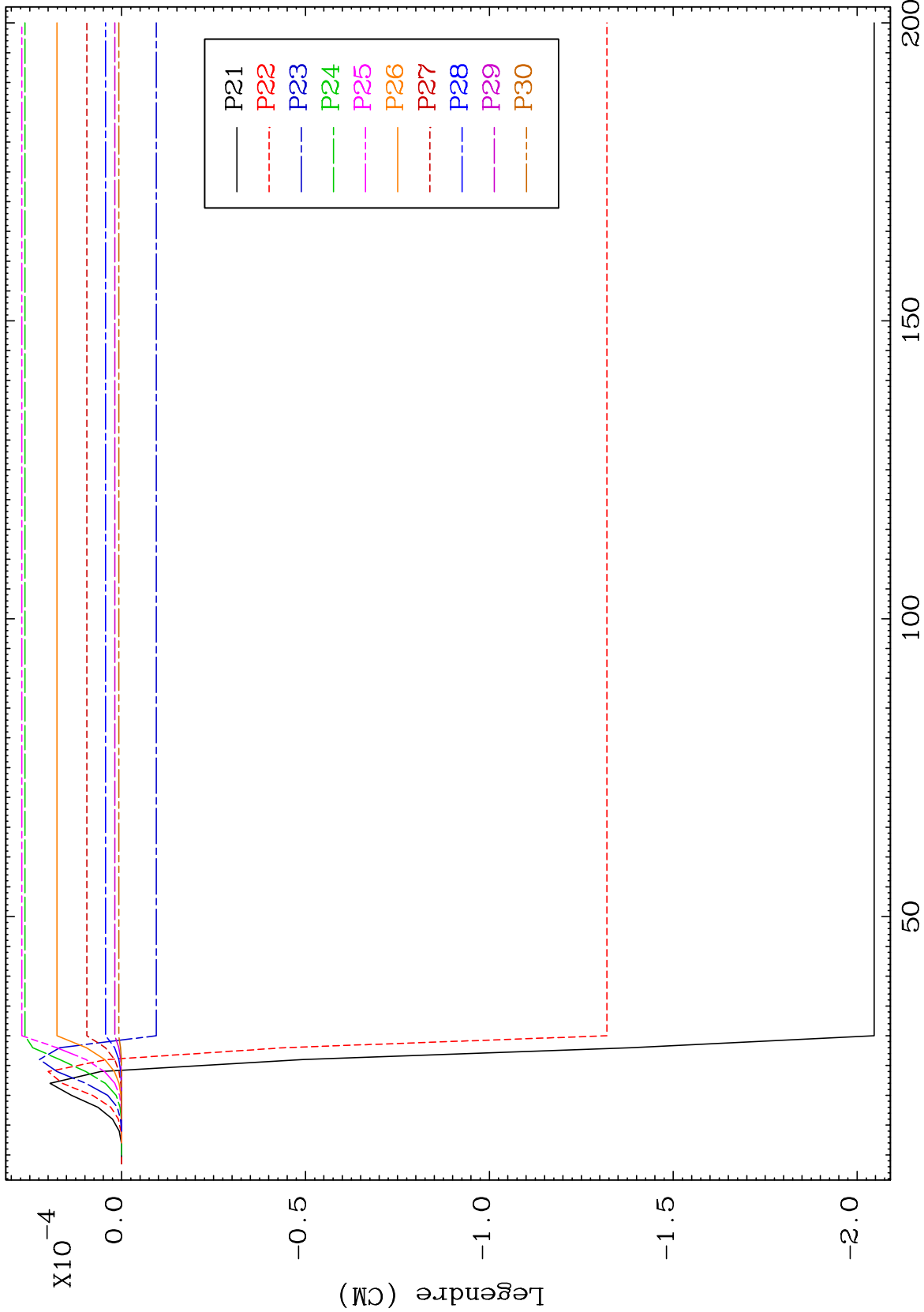


79-Au-197

Incident Energy (MeV)

56

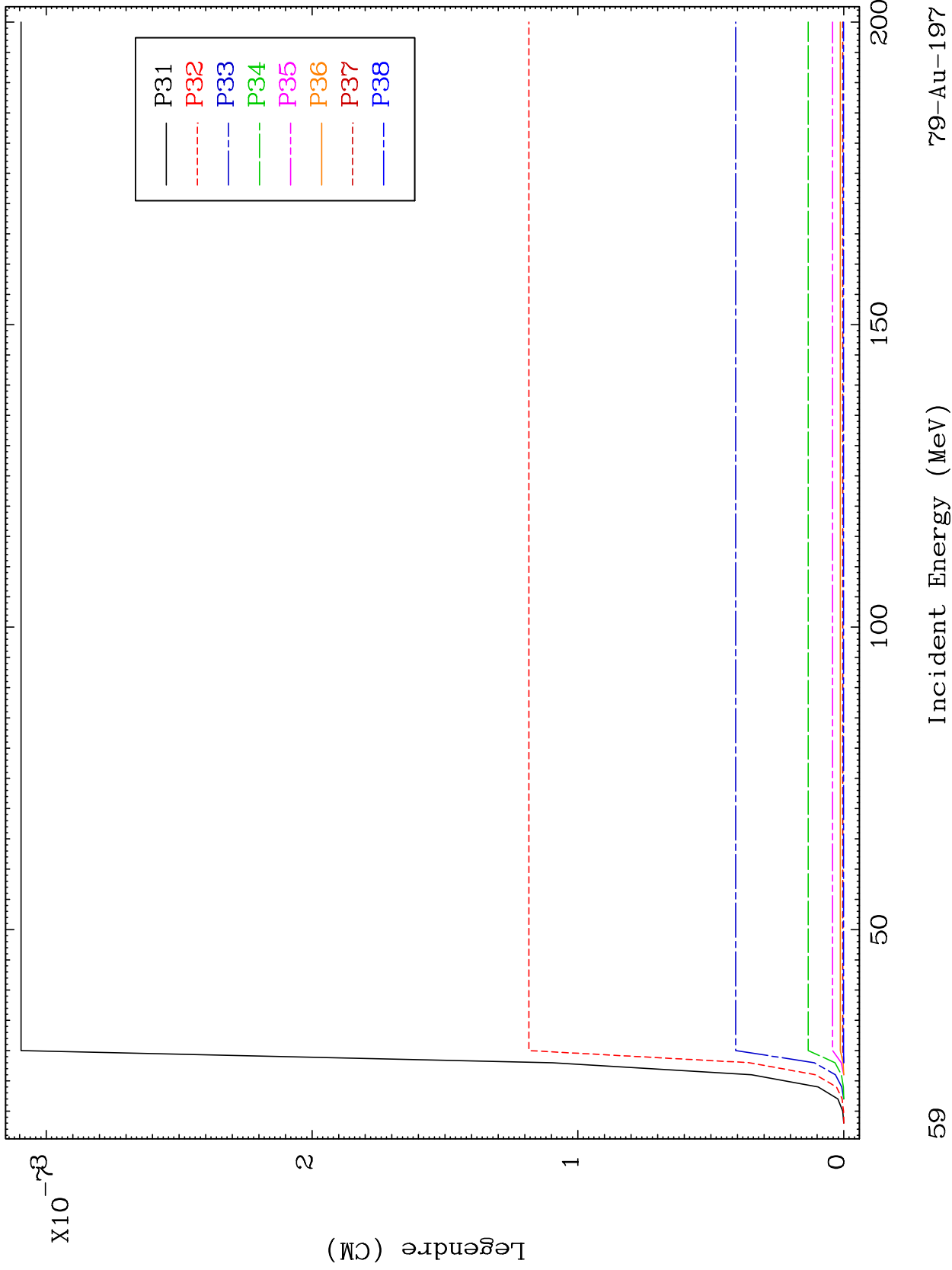




MAT 7925

882.0 keV (n,n') Level
Legendre Coefficients

79-Au-197



59

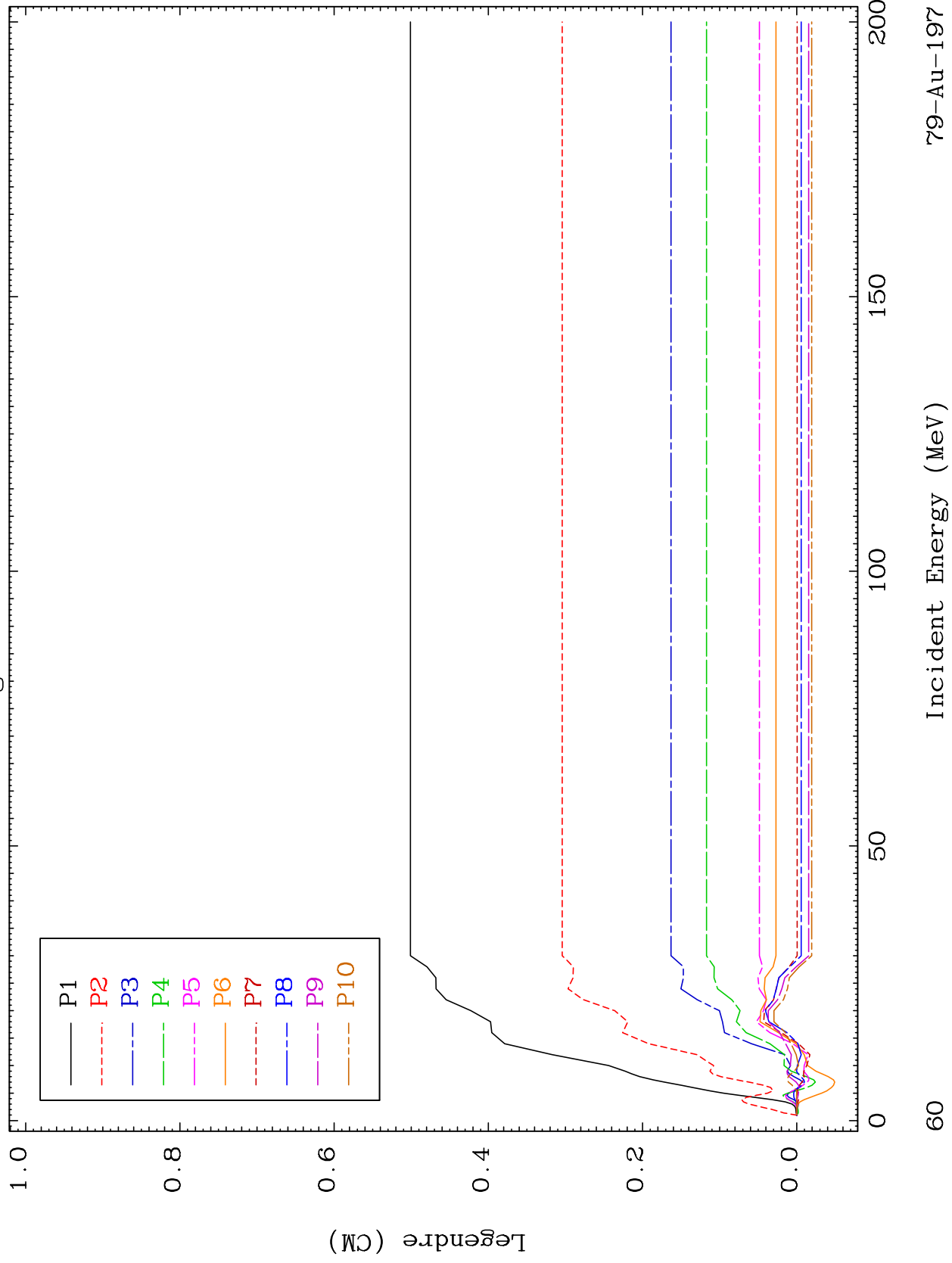
Incident Energy (MeV)

79-Au-197

MAT 7925

888.1 keV (n,n') Level
Legendre Coefficients

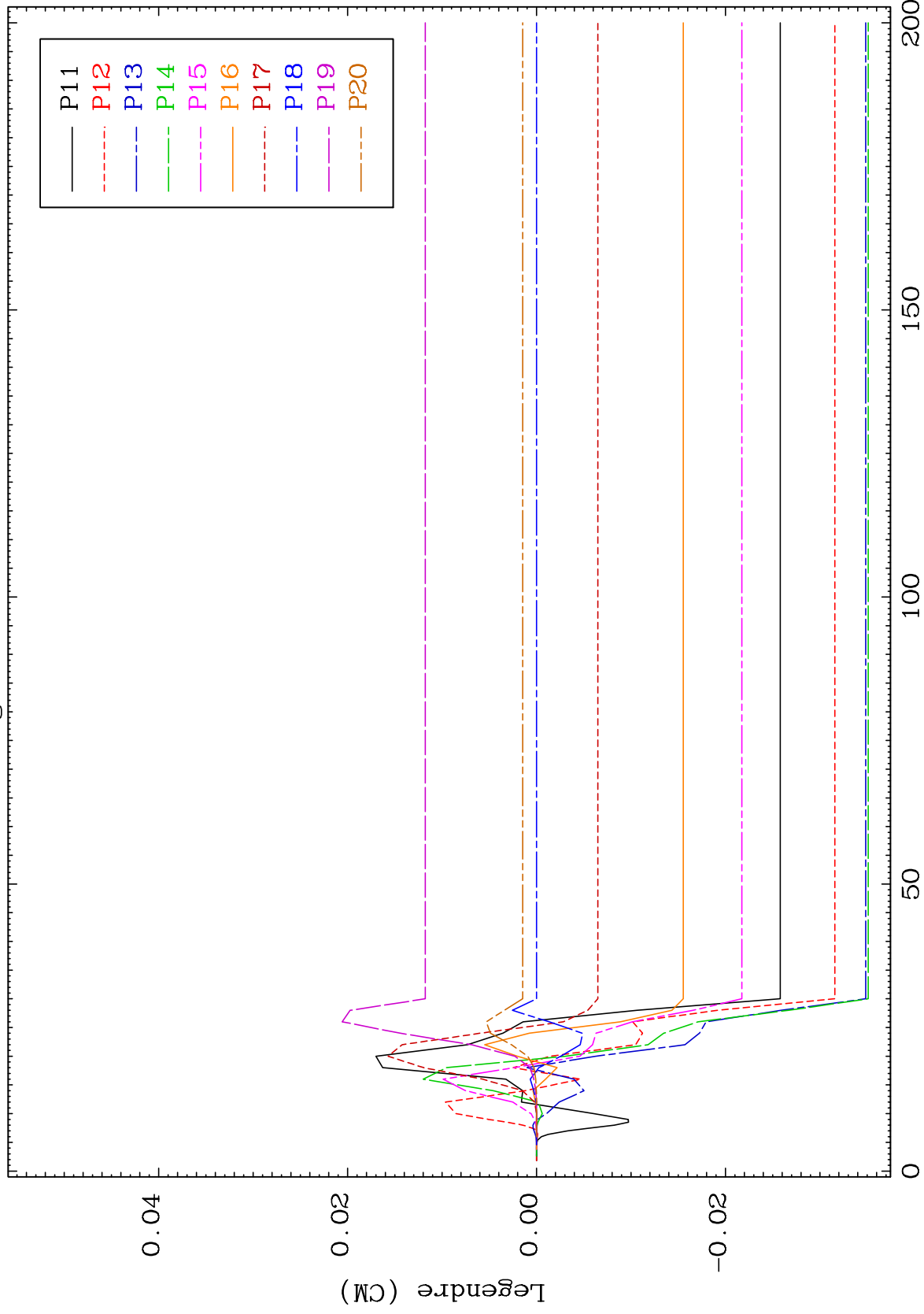
79-Au-197



MAT 7925

888.1 keV (n,n') Level
Legendre Coefficients

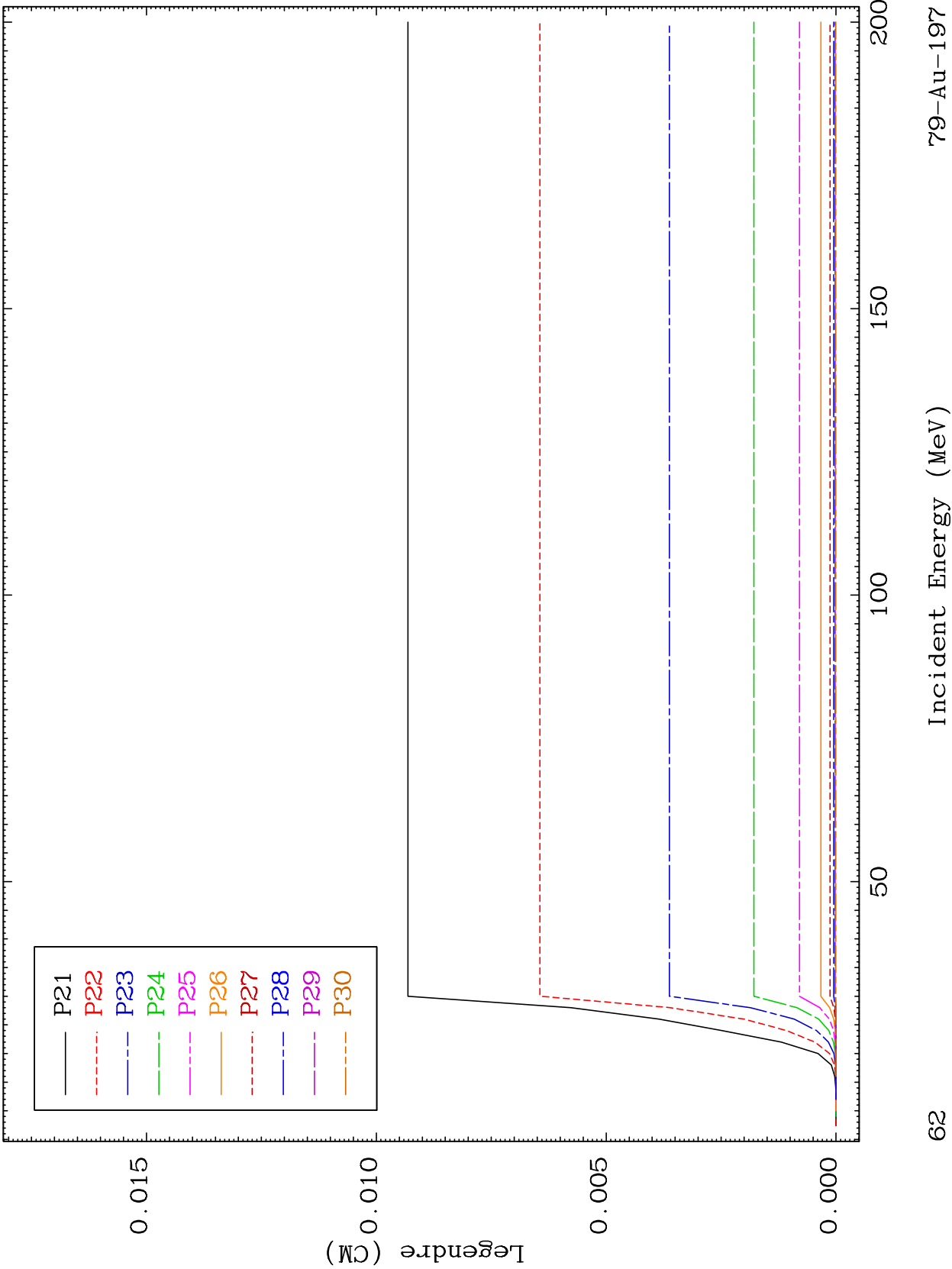
79-Au-197



61

Incident Energy (MeV)

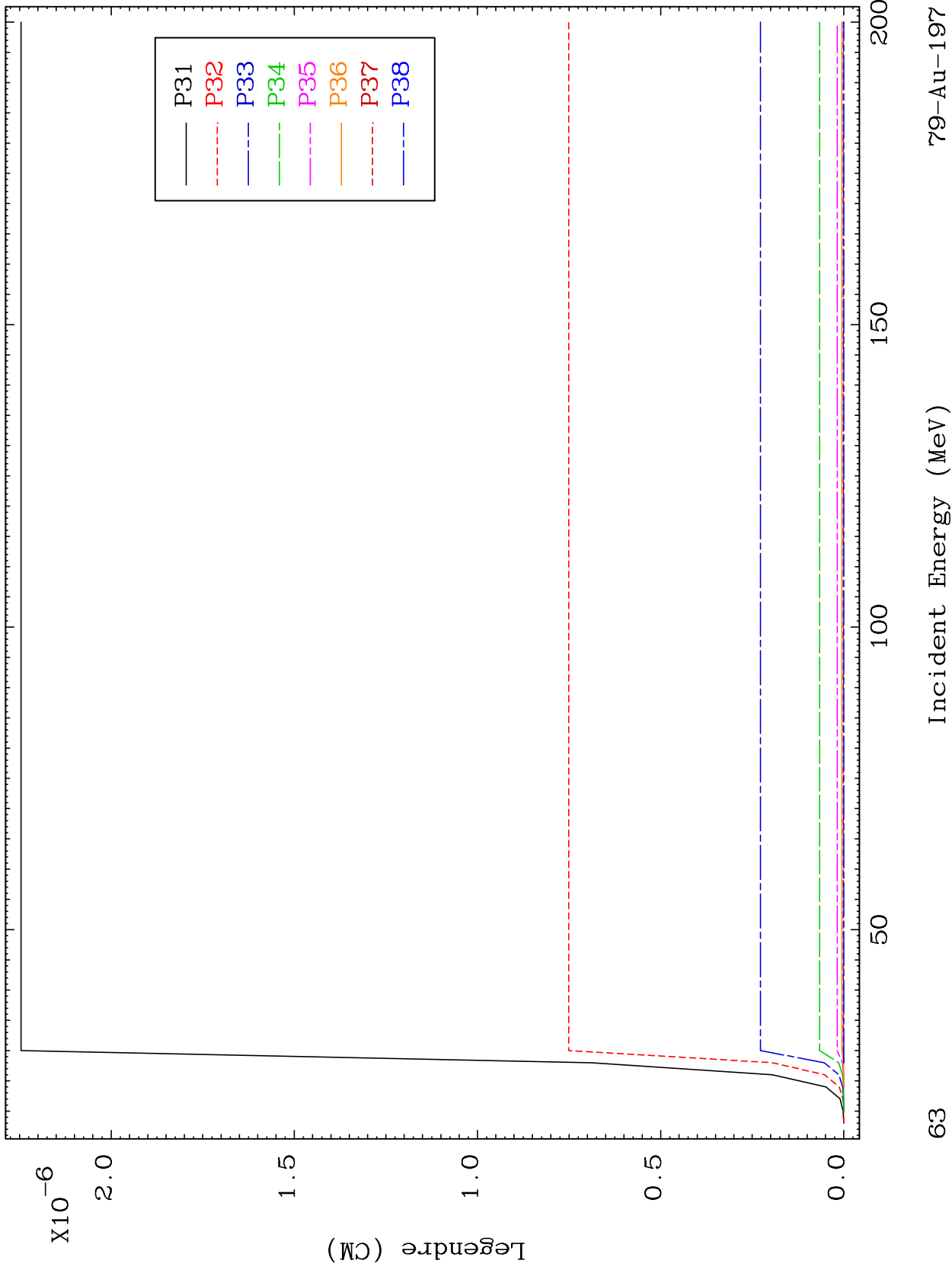
79-Au-197



MAT 7925

888.1 keV (n,n') Level
Legendre Coefficients

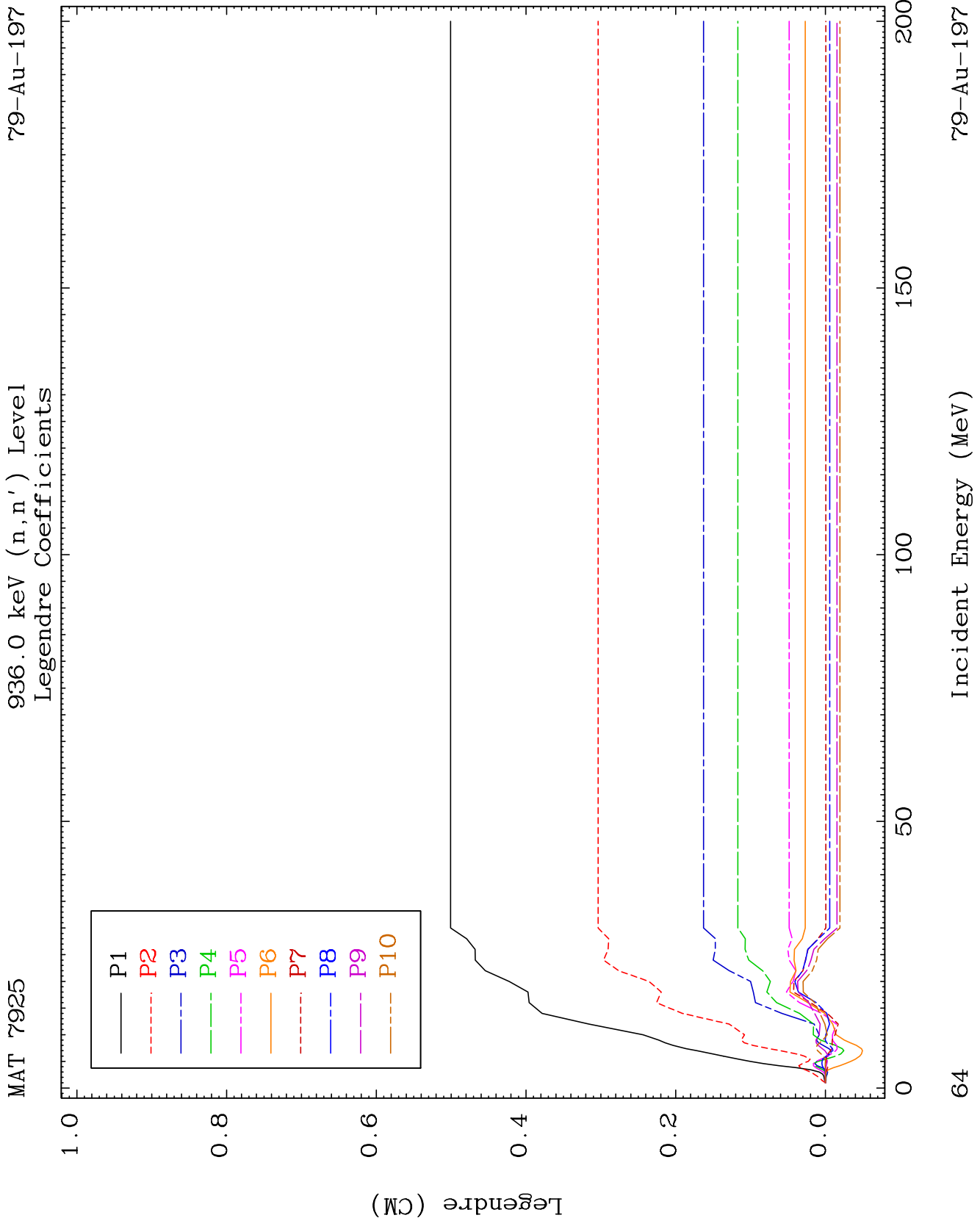
79-Au-197



63

Incident Energy (MeV)

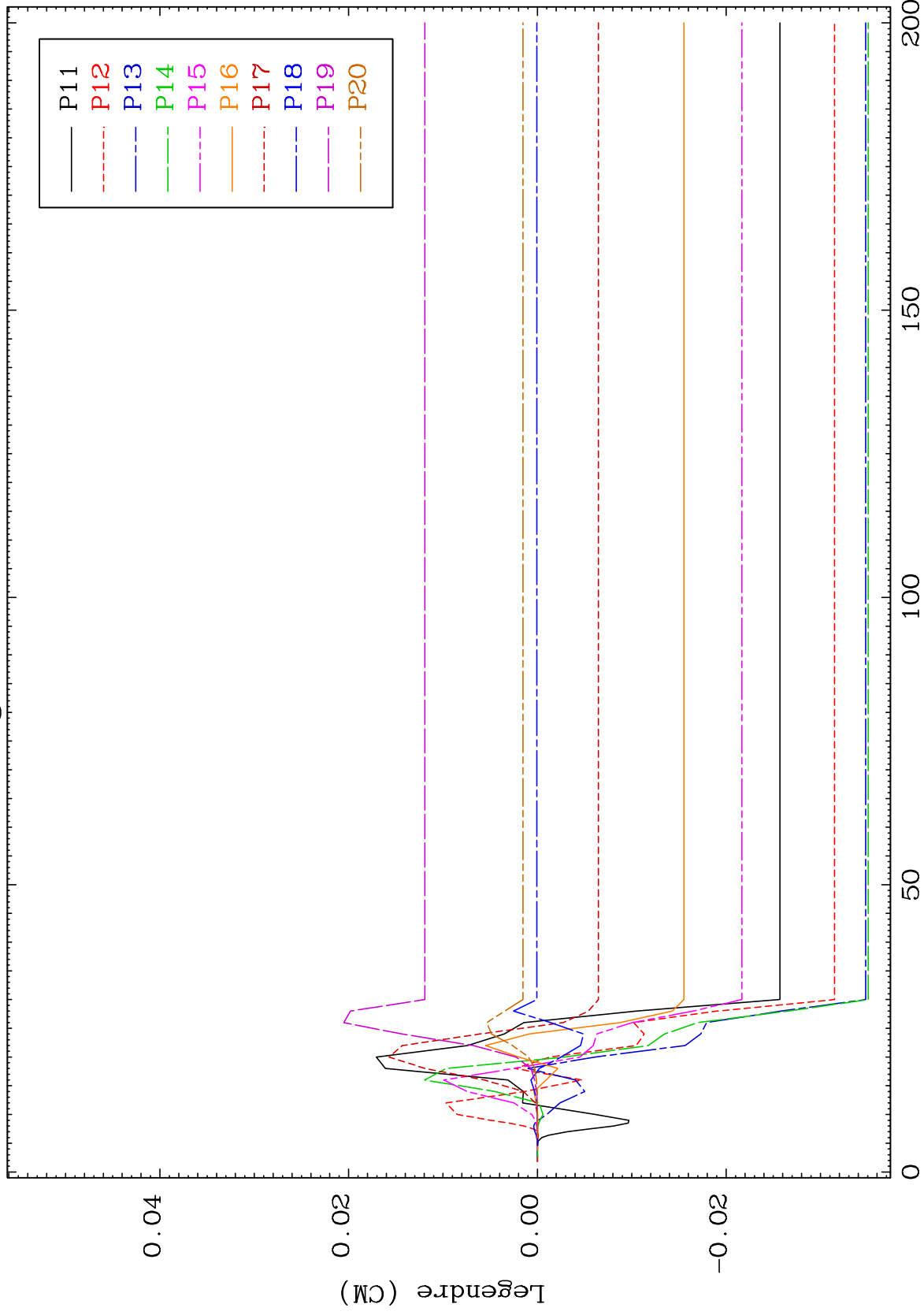
79-Au-197



MAT 7925

936.0 keV (n,n') Level
Legendre Coefficients

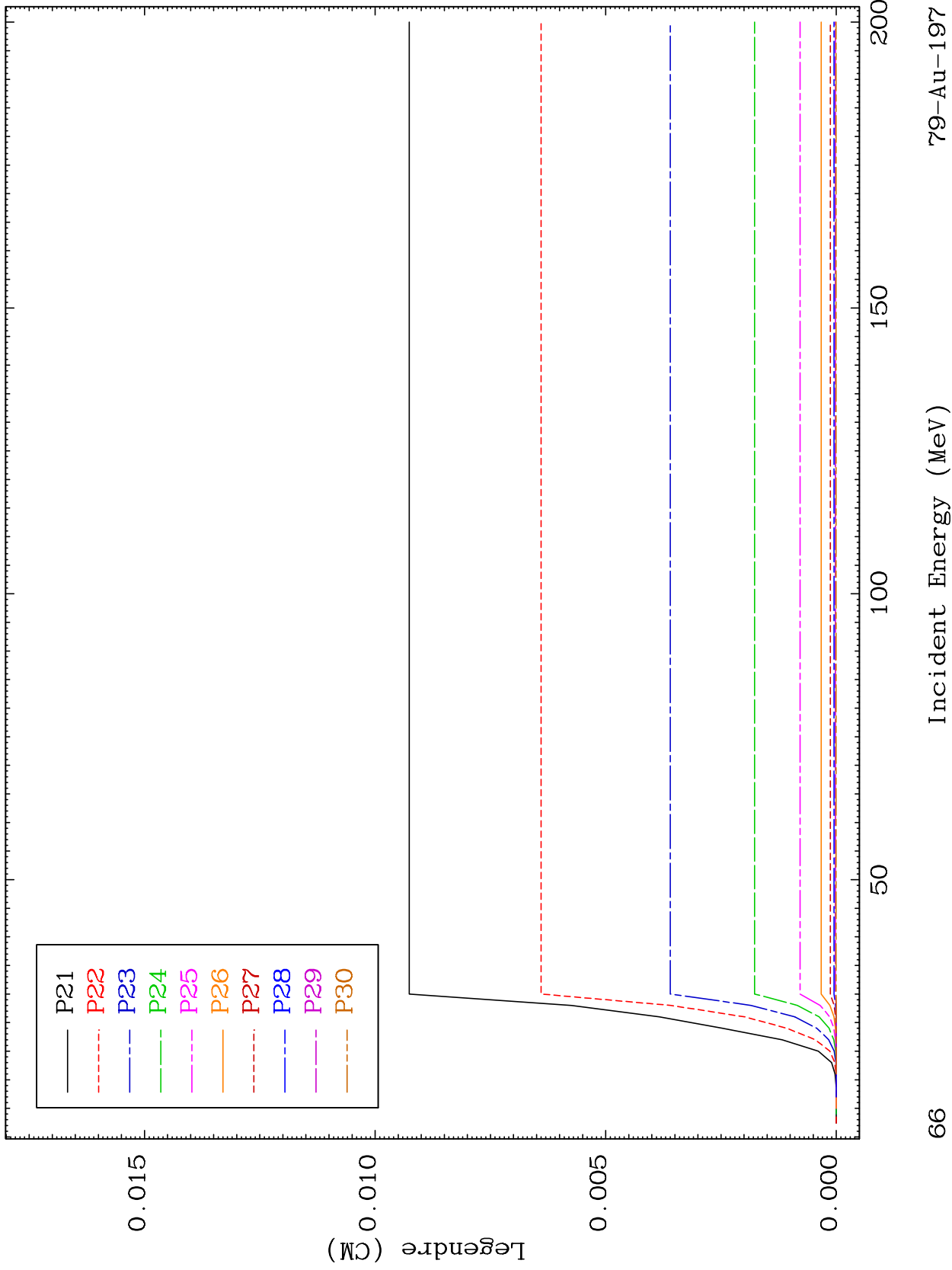
79-Au-197

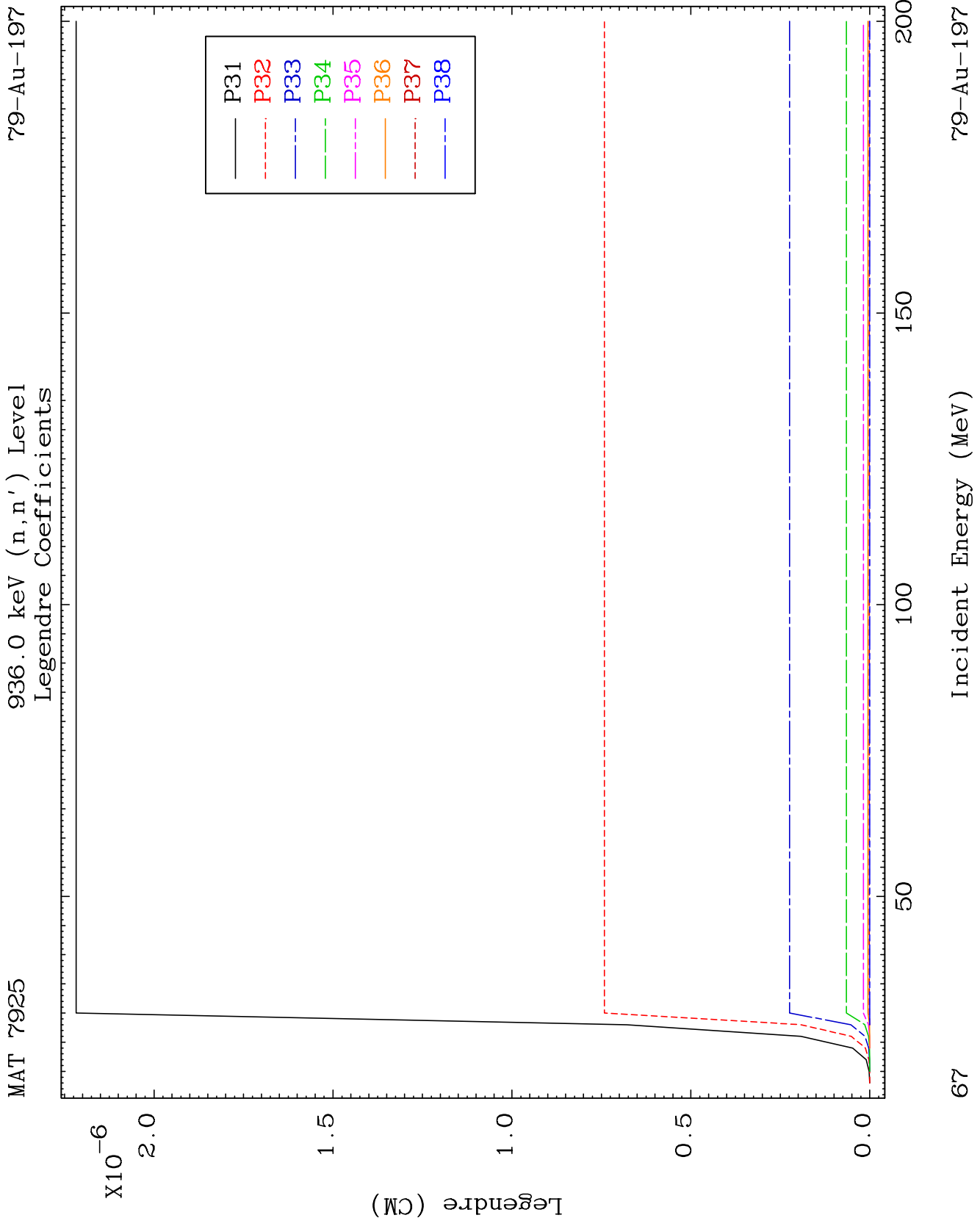


65

Incident Energy (MeV)

79-Au-197

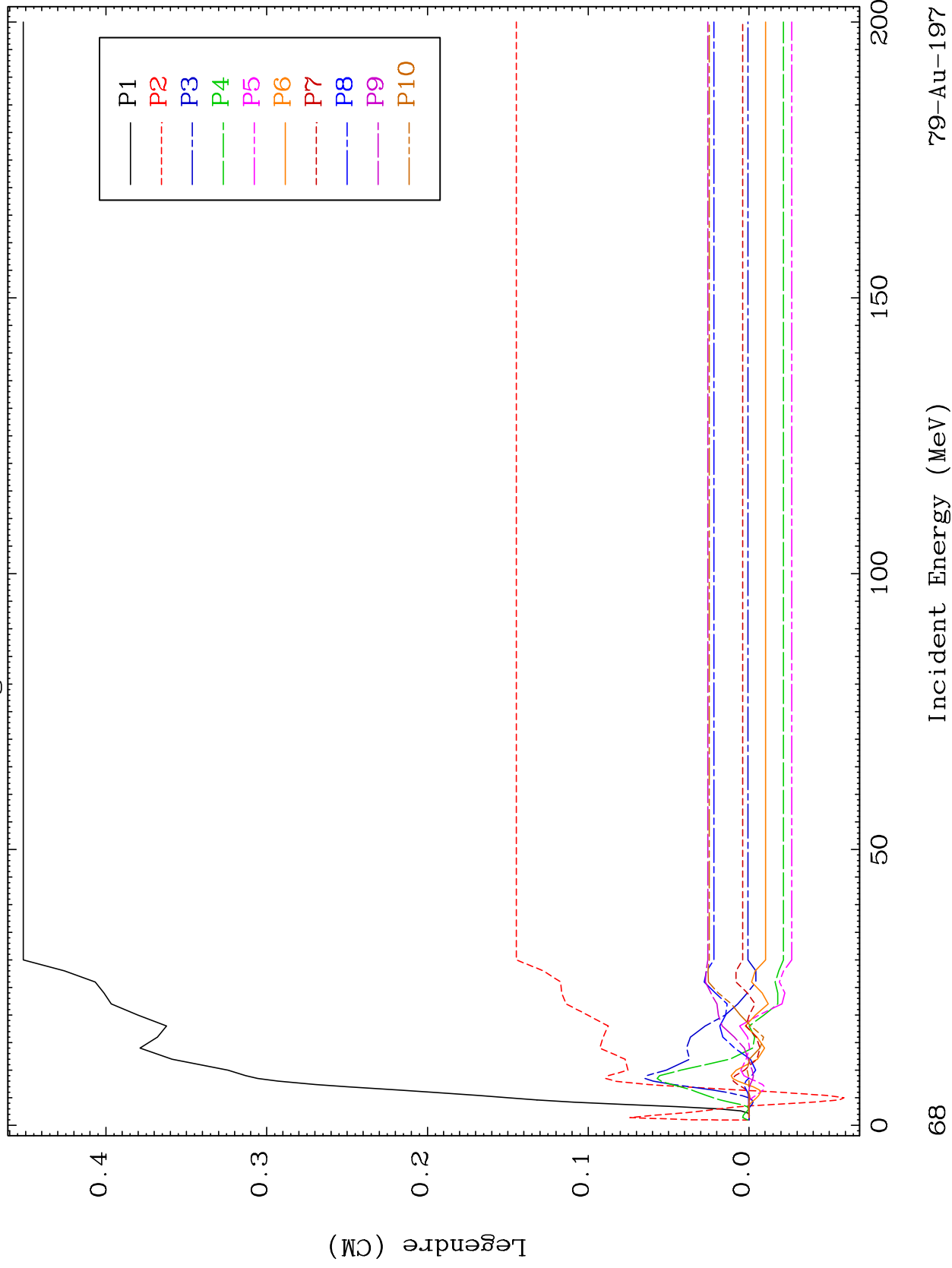




MAT 7925

948.0 keV (n,n') Level
Legendre Coefficients

79-Au-197



79-Au-197

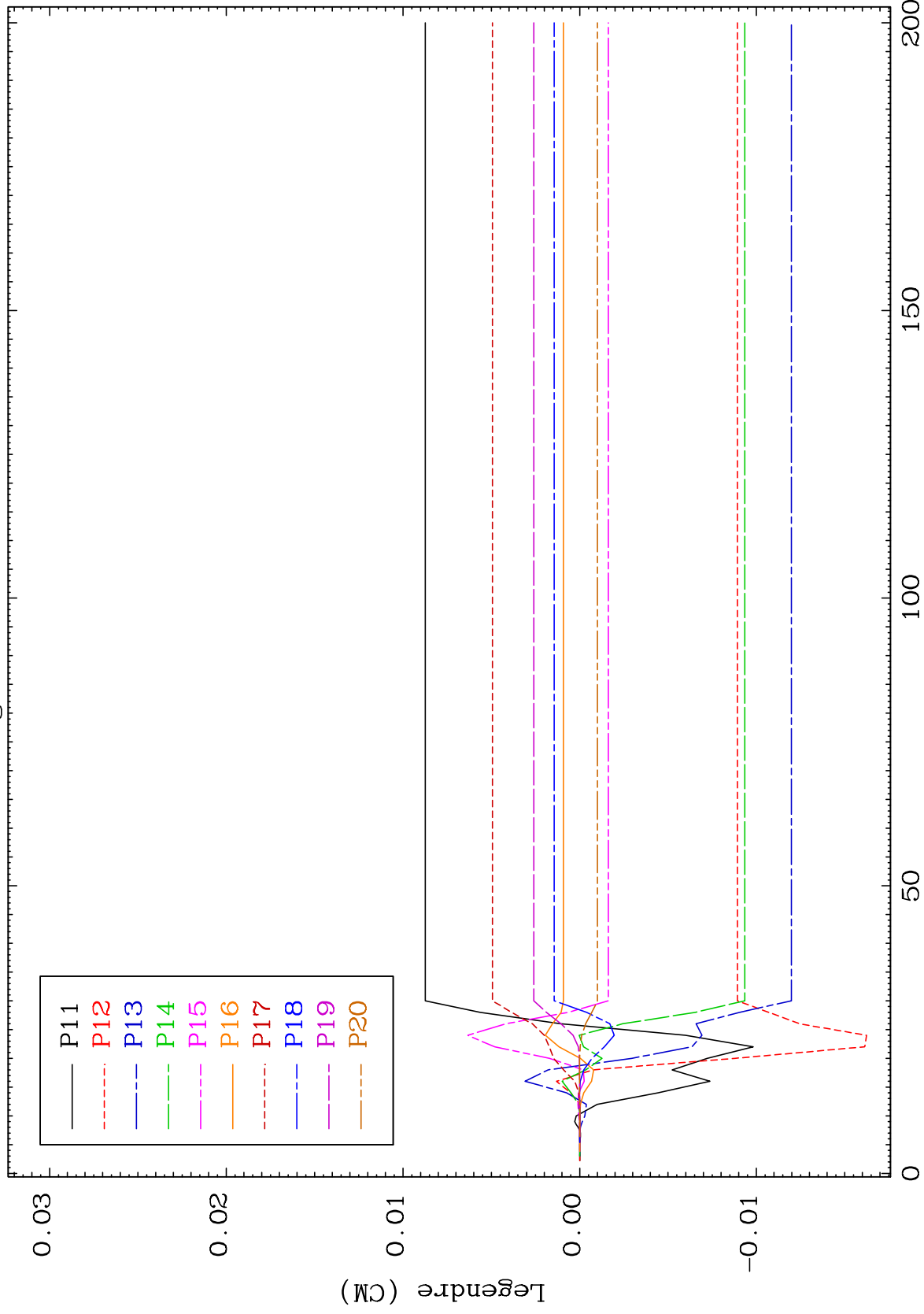
Incident Energy (MeV)

68

MAT 7925

948.0 keV (n,n') Level
Legendre Coefficients

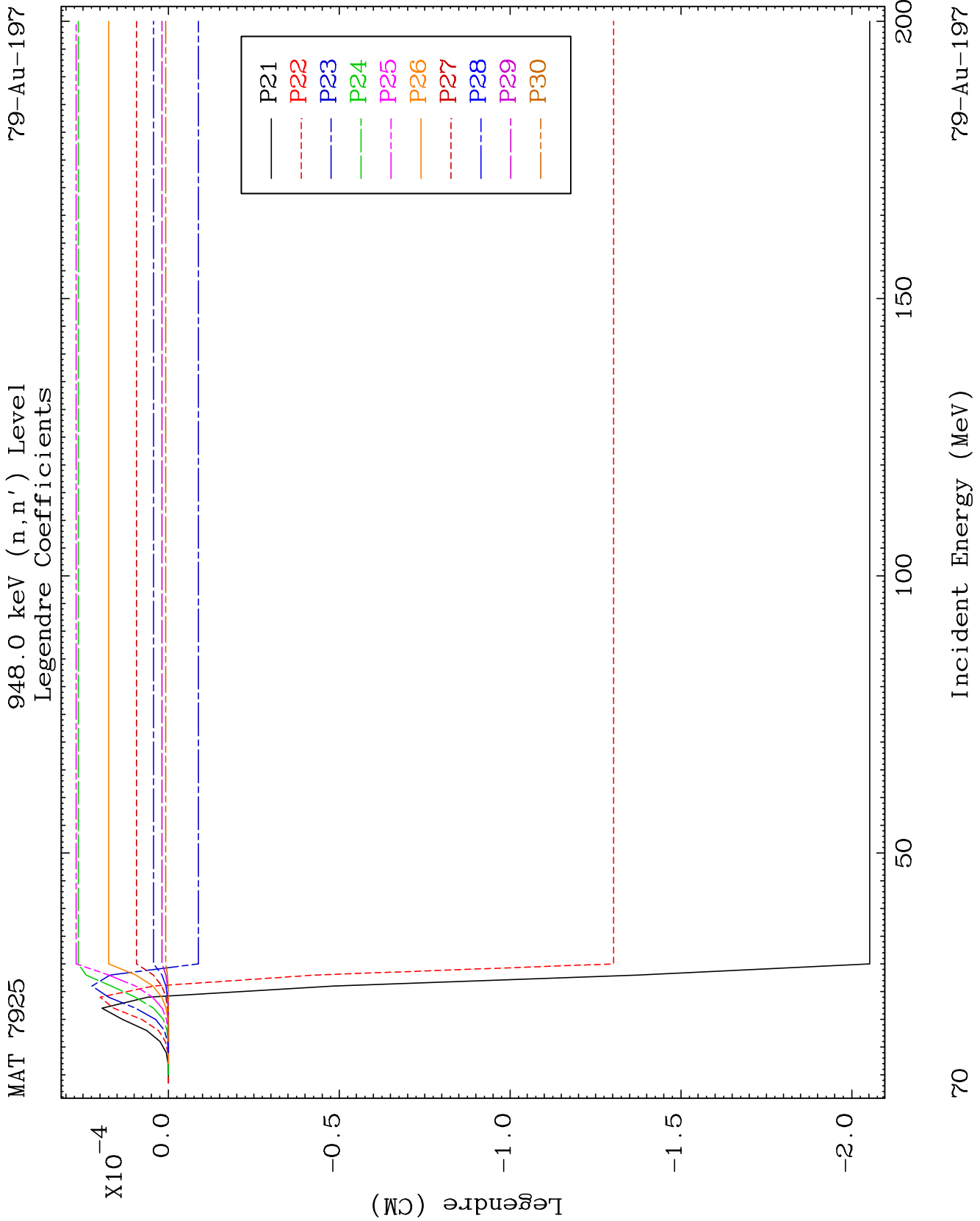
79-Au-197



69

Incident Energy (MeV)

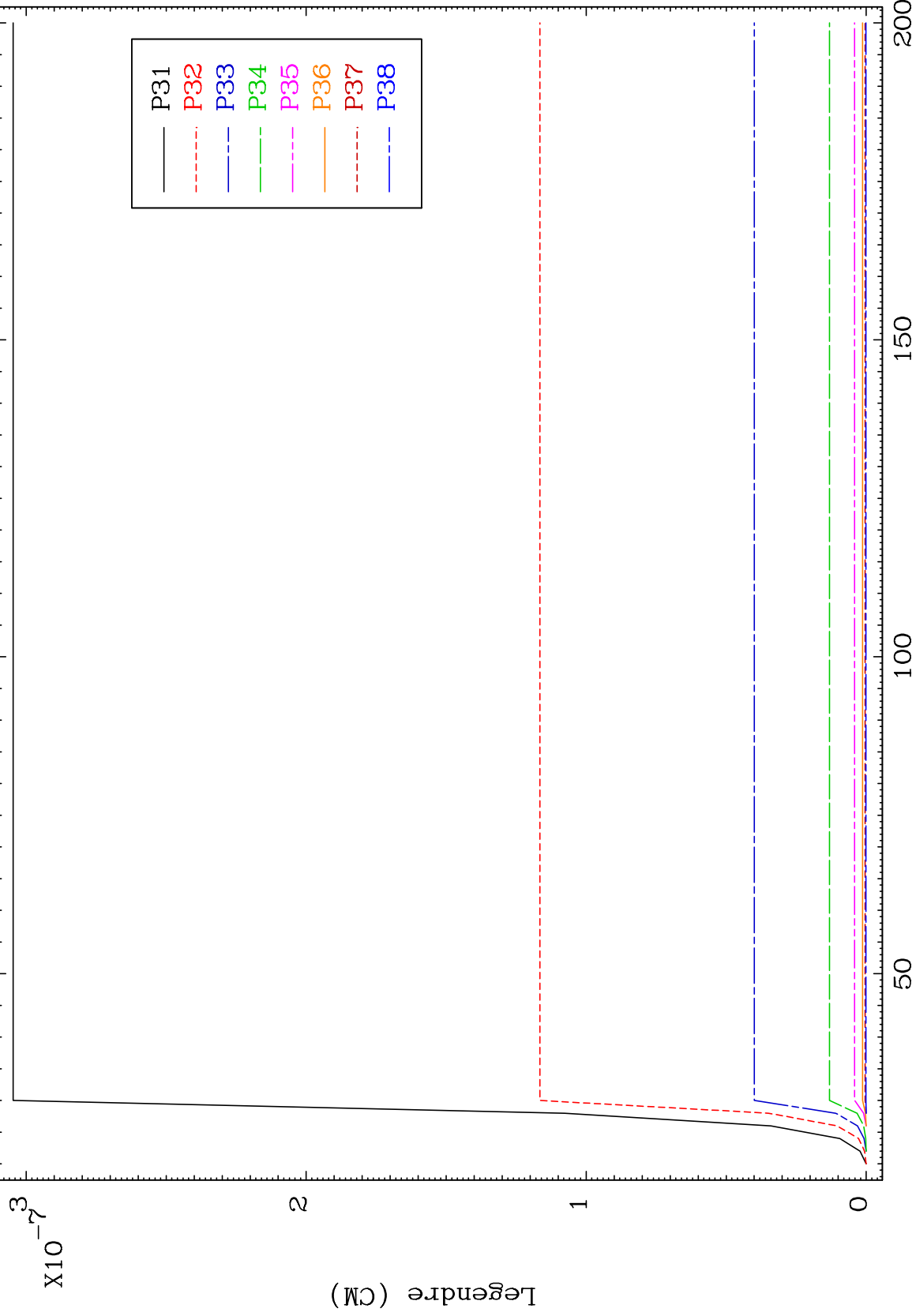
79-Au-197



MAT 7925

948.0 keV (n,n') Level
Legendre Coefficients

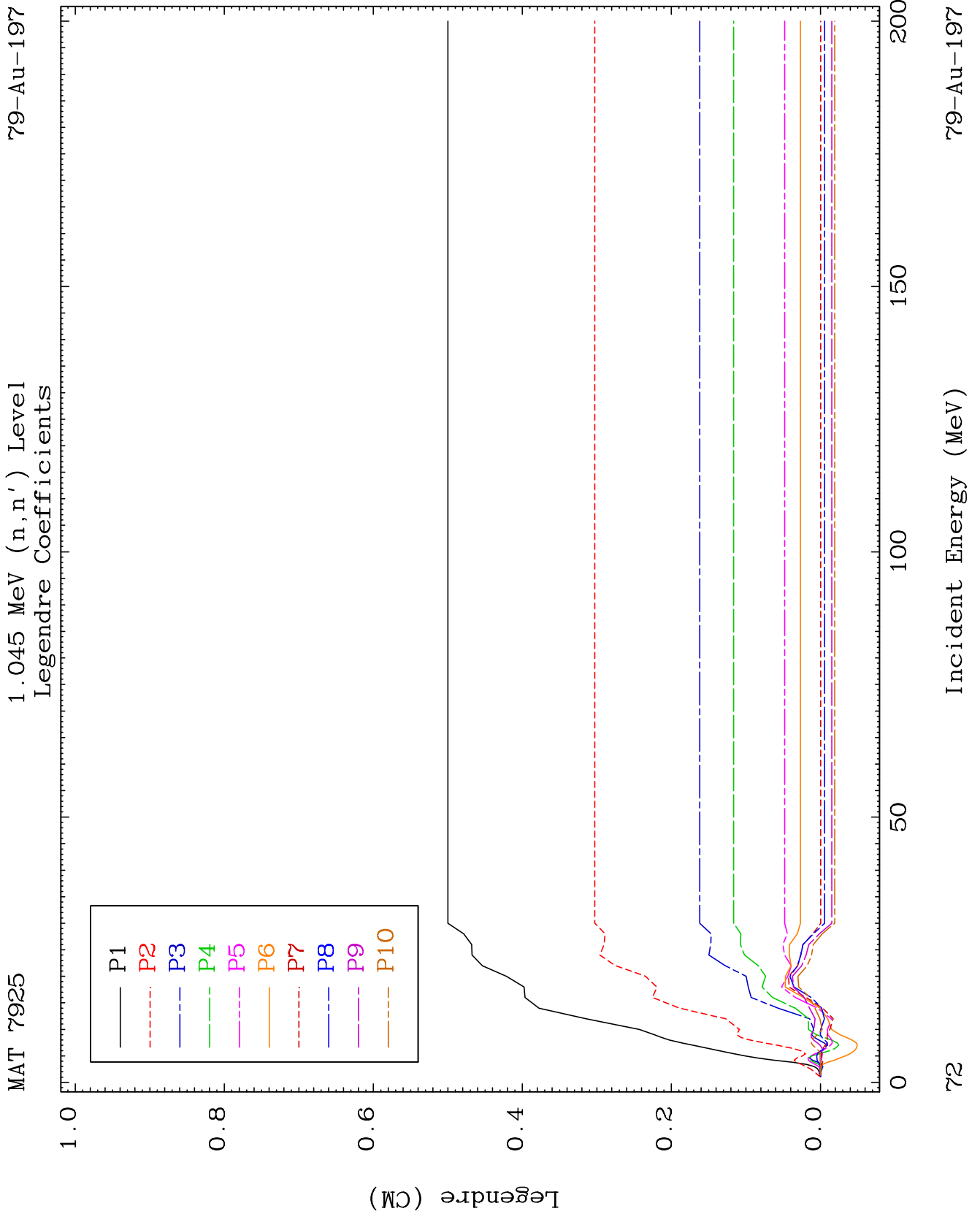
79-Au-197



71

Incident Energy (MeV)

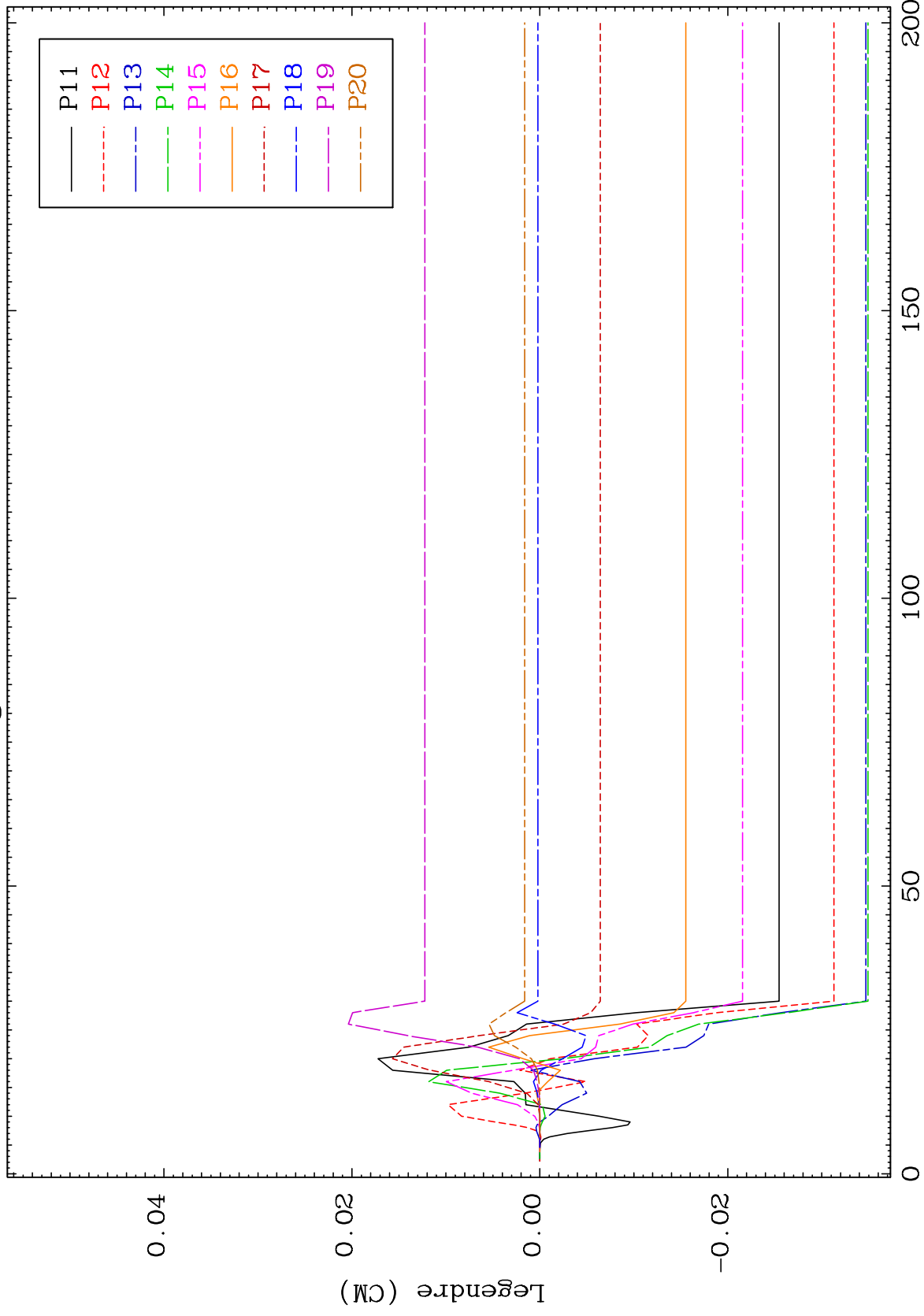
79-Au-197



MAT 7925

1.045 MeV (n, n') Level
Legendre Coefficients

79-Au-197



73

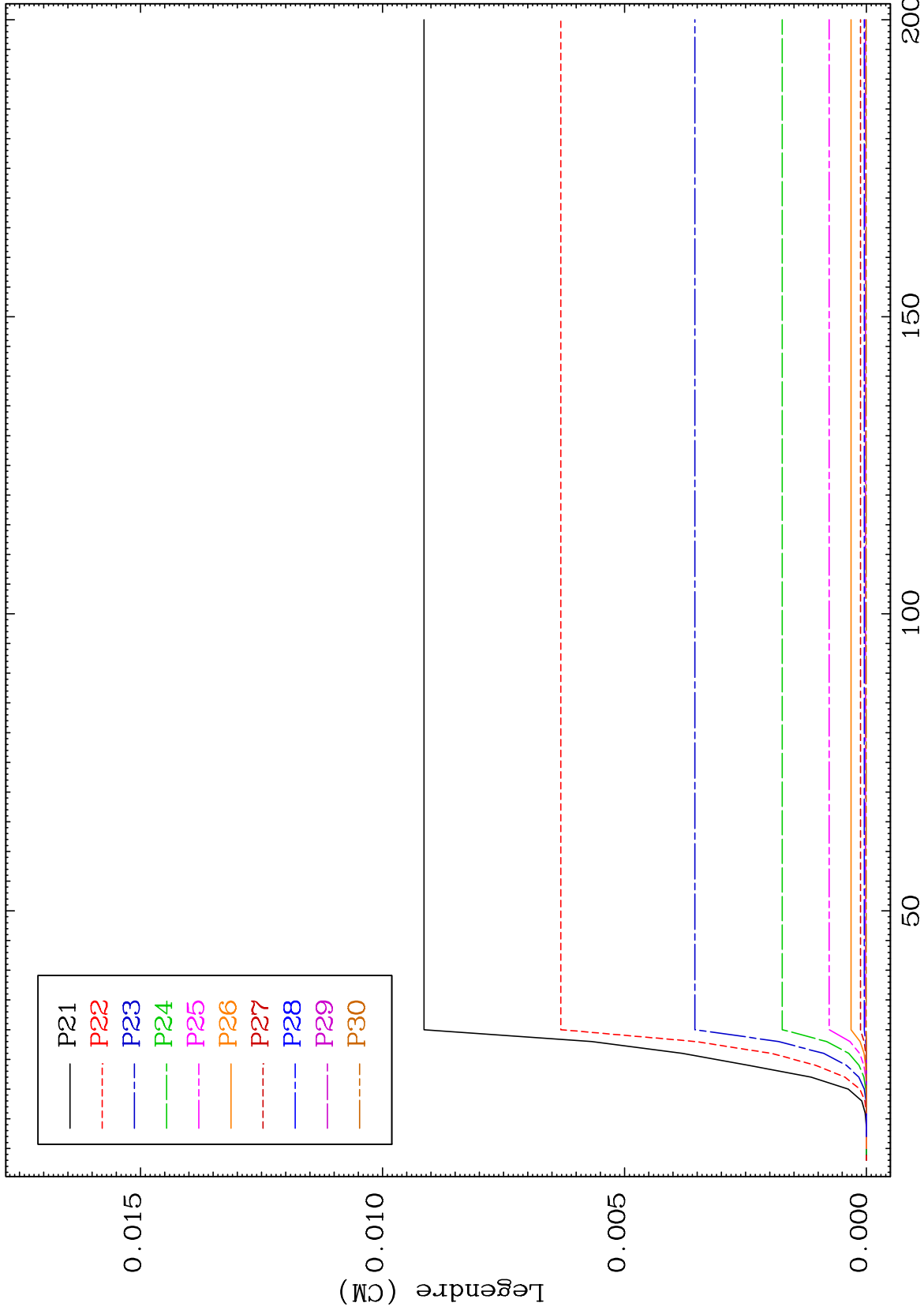
Incident Energy (MeV)

79-Au-197

MAT 7925

1.045 MeV (n,n') Level
Legendre Coefficients

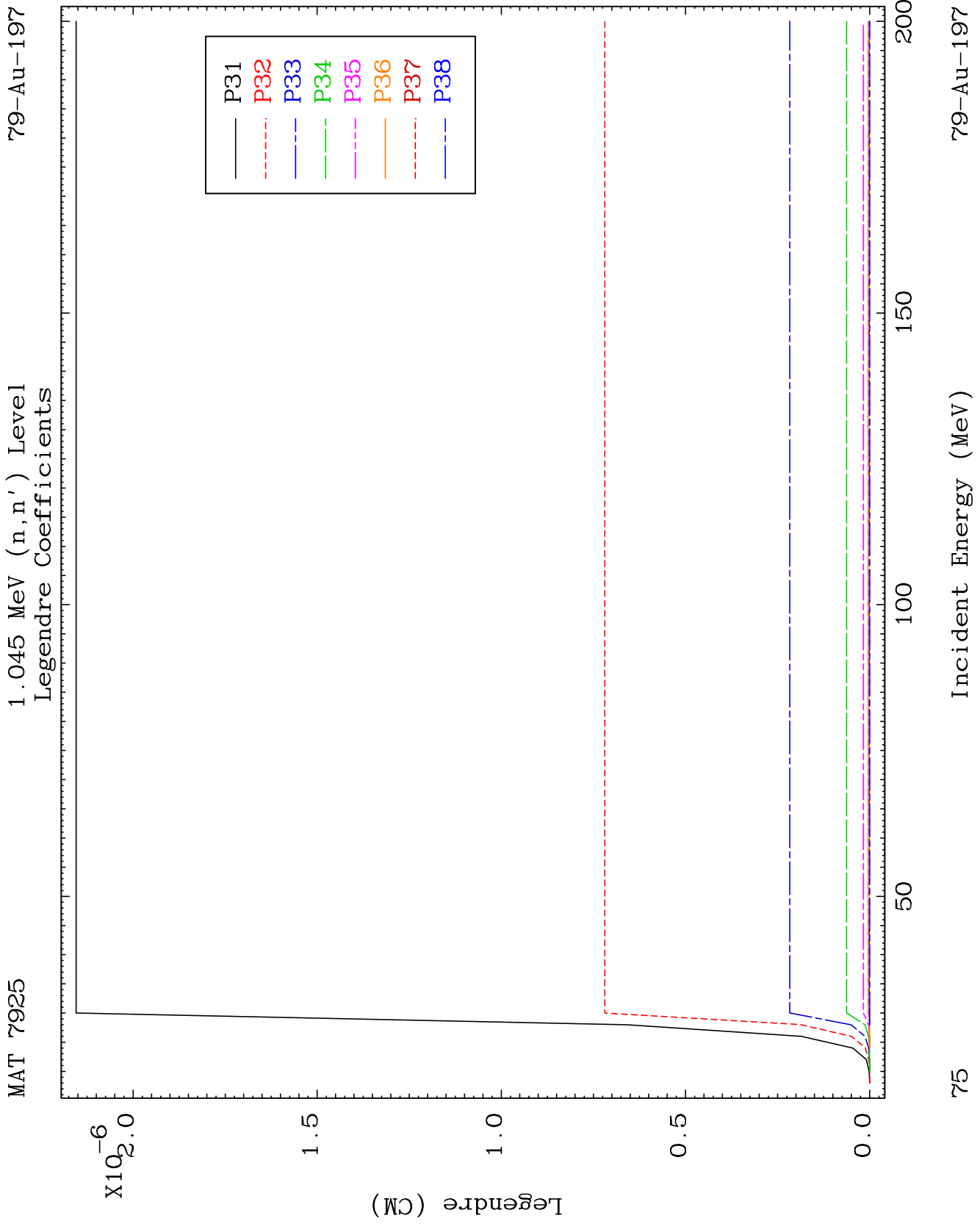
79-Au-197

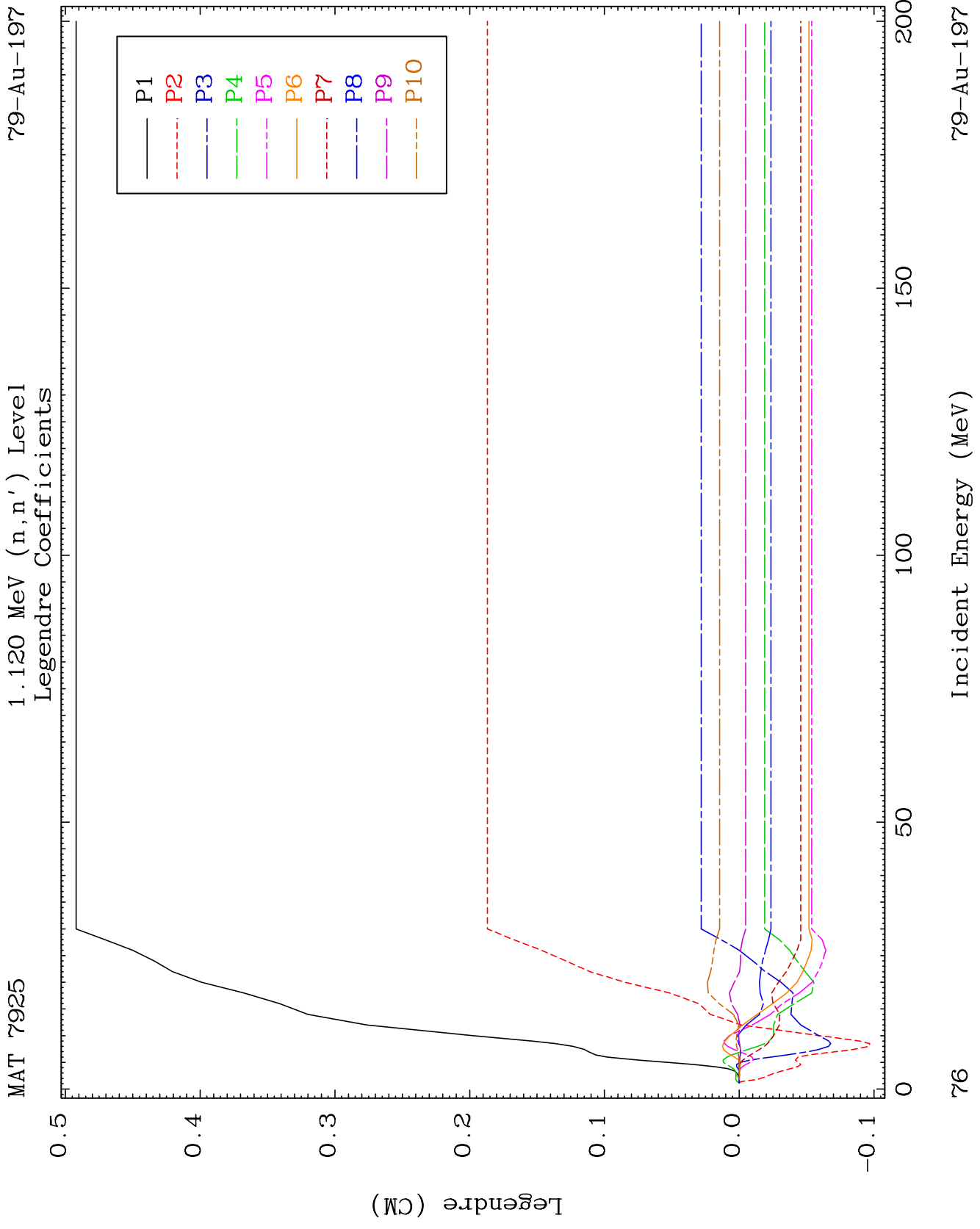


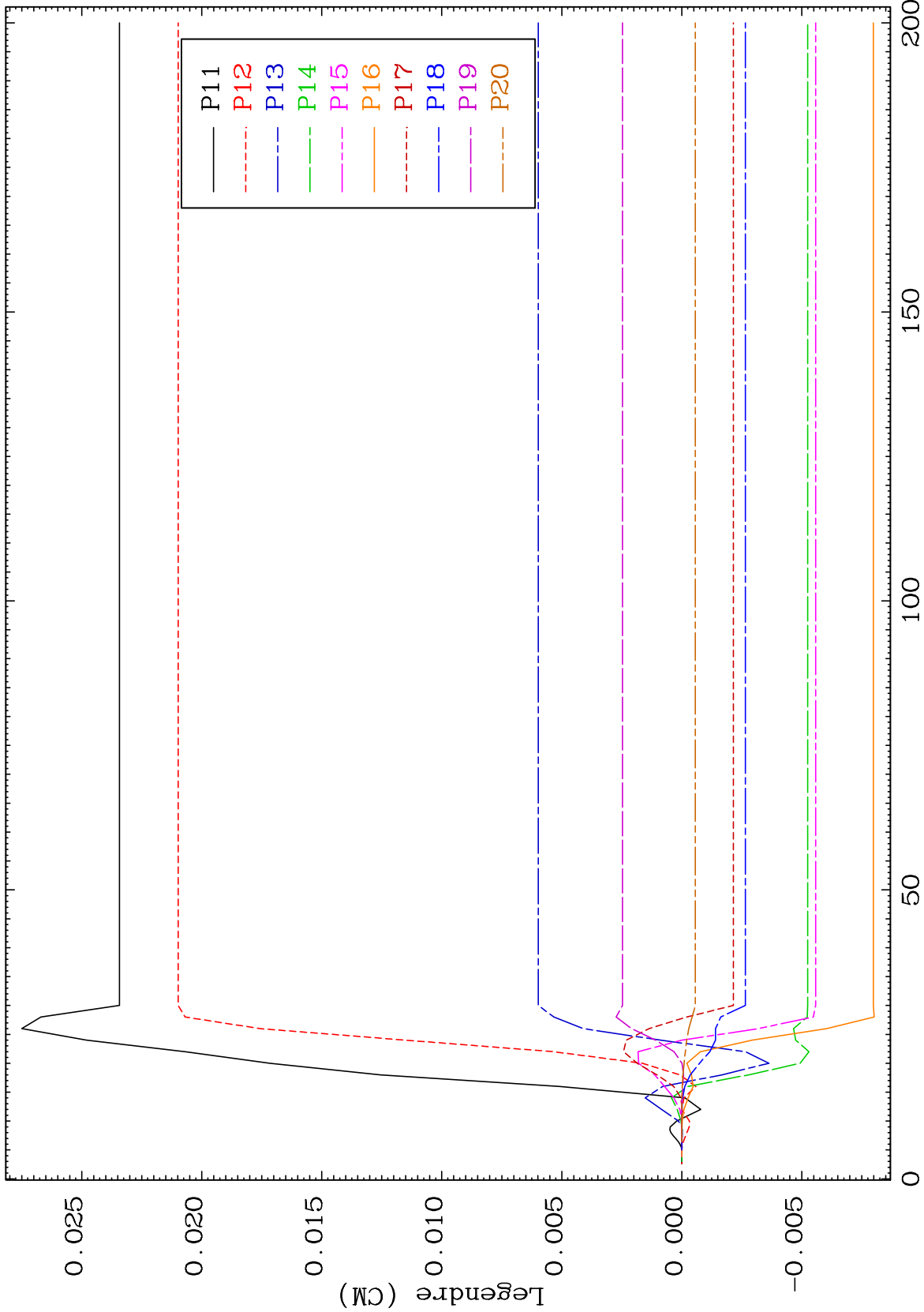
74

Incident Energy (MeV)

79-Au-197



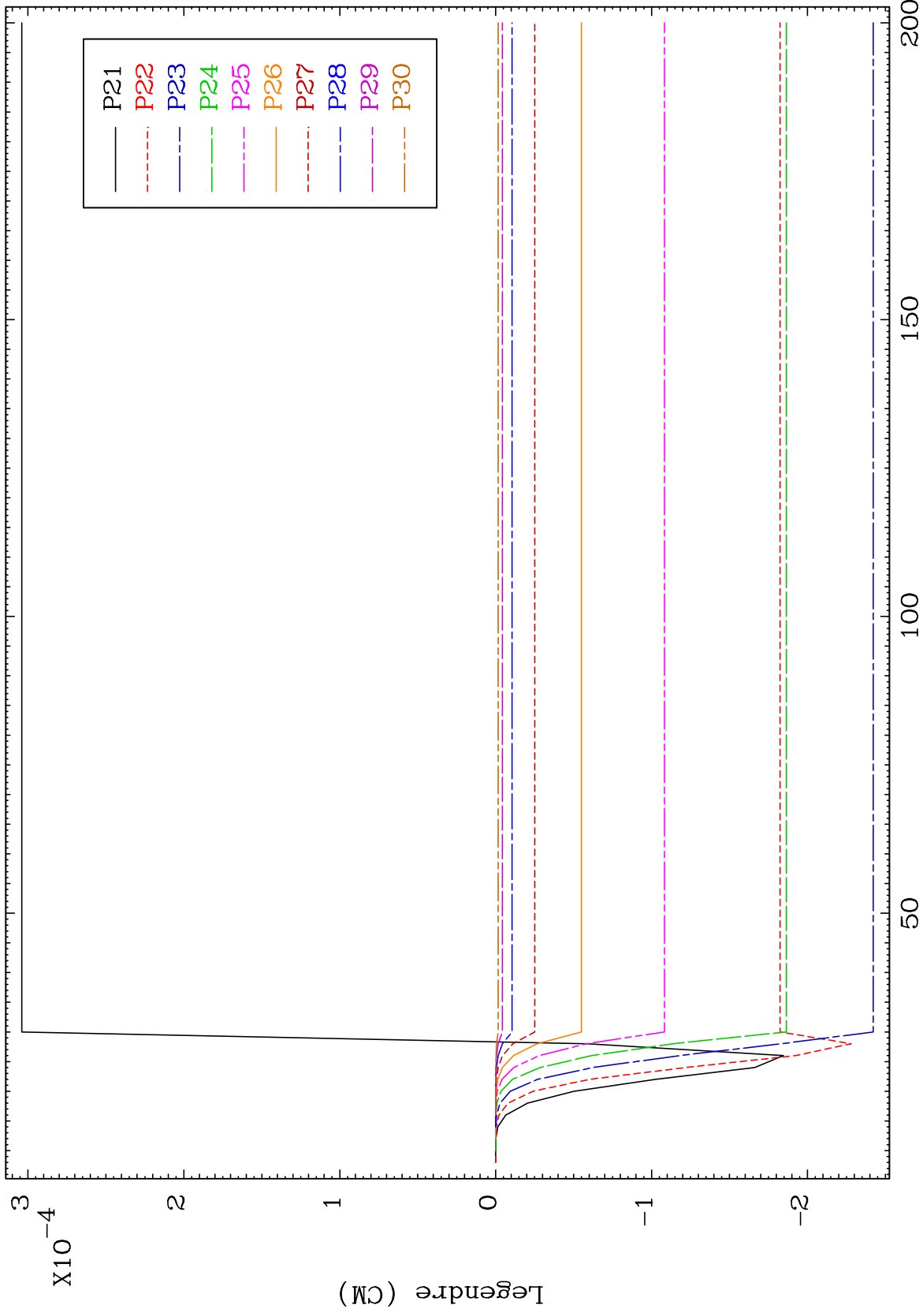




MAT 7925

1.120 MeV (n,n') Level
Legendre Coefficients

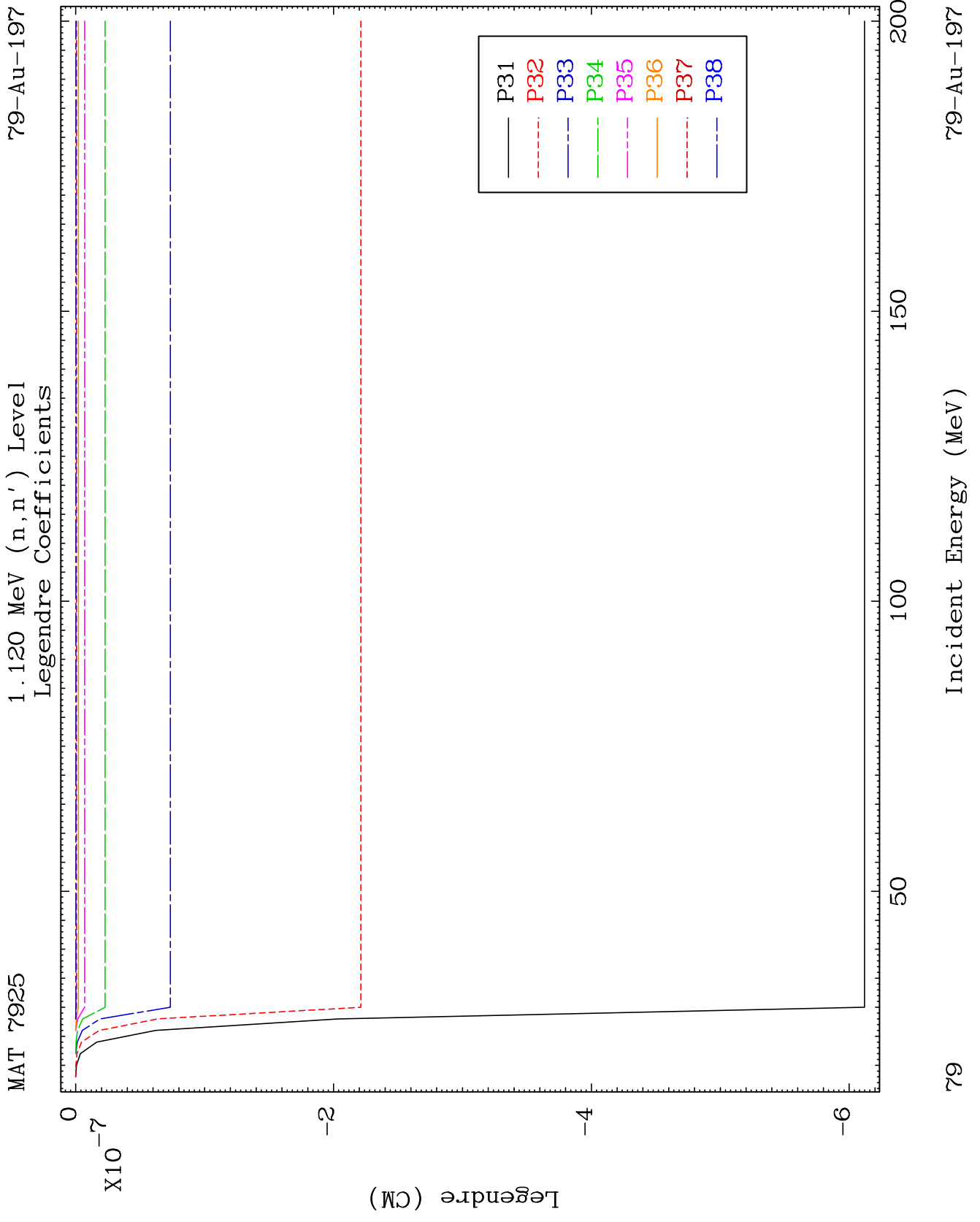
79-Au-197

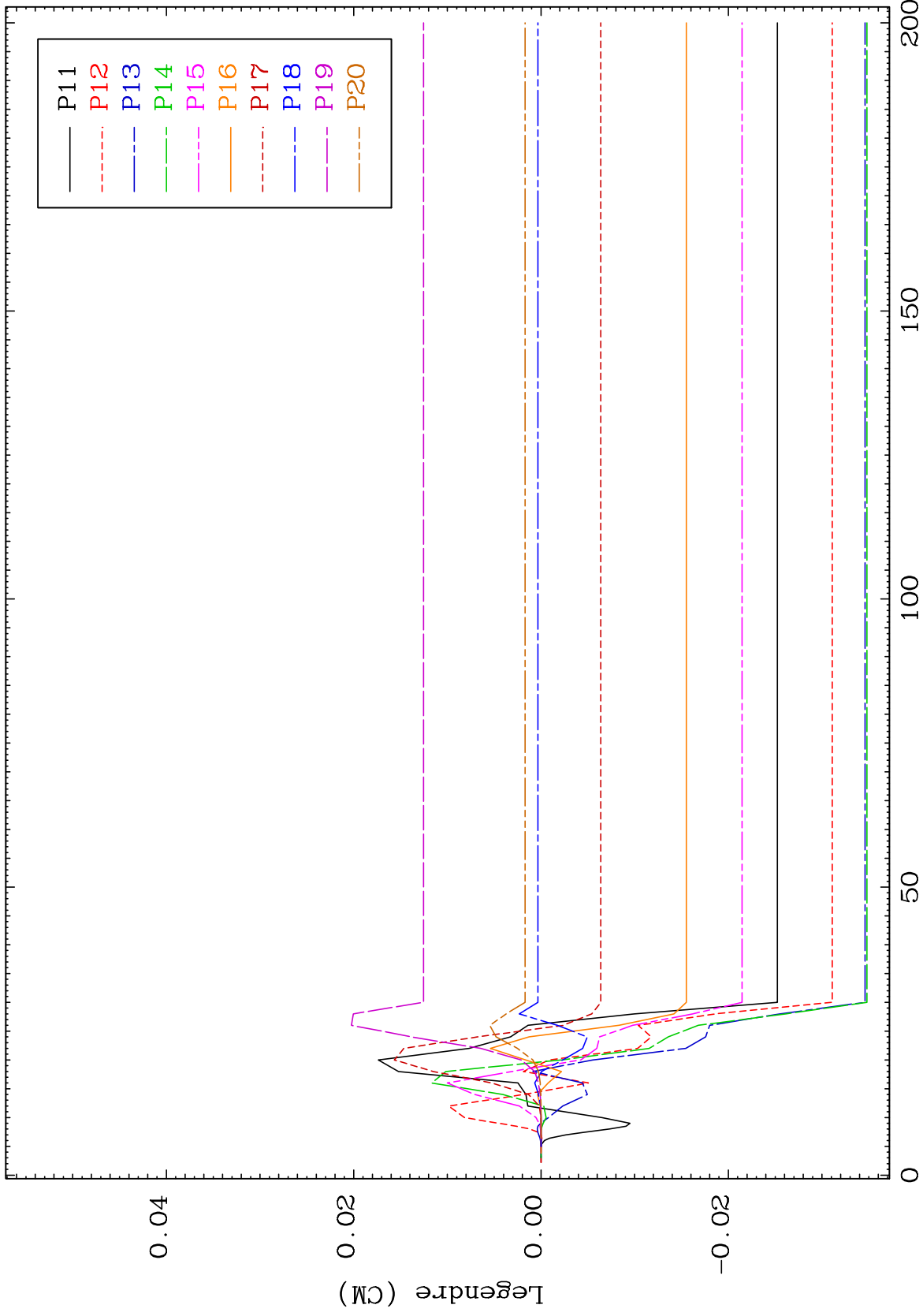


78

Incident Energy (MeV)

79-Au-197

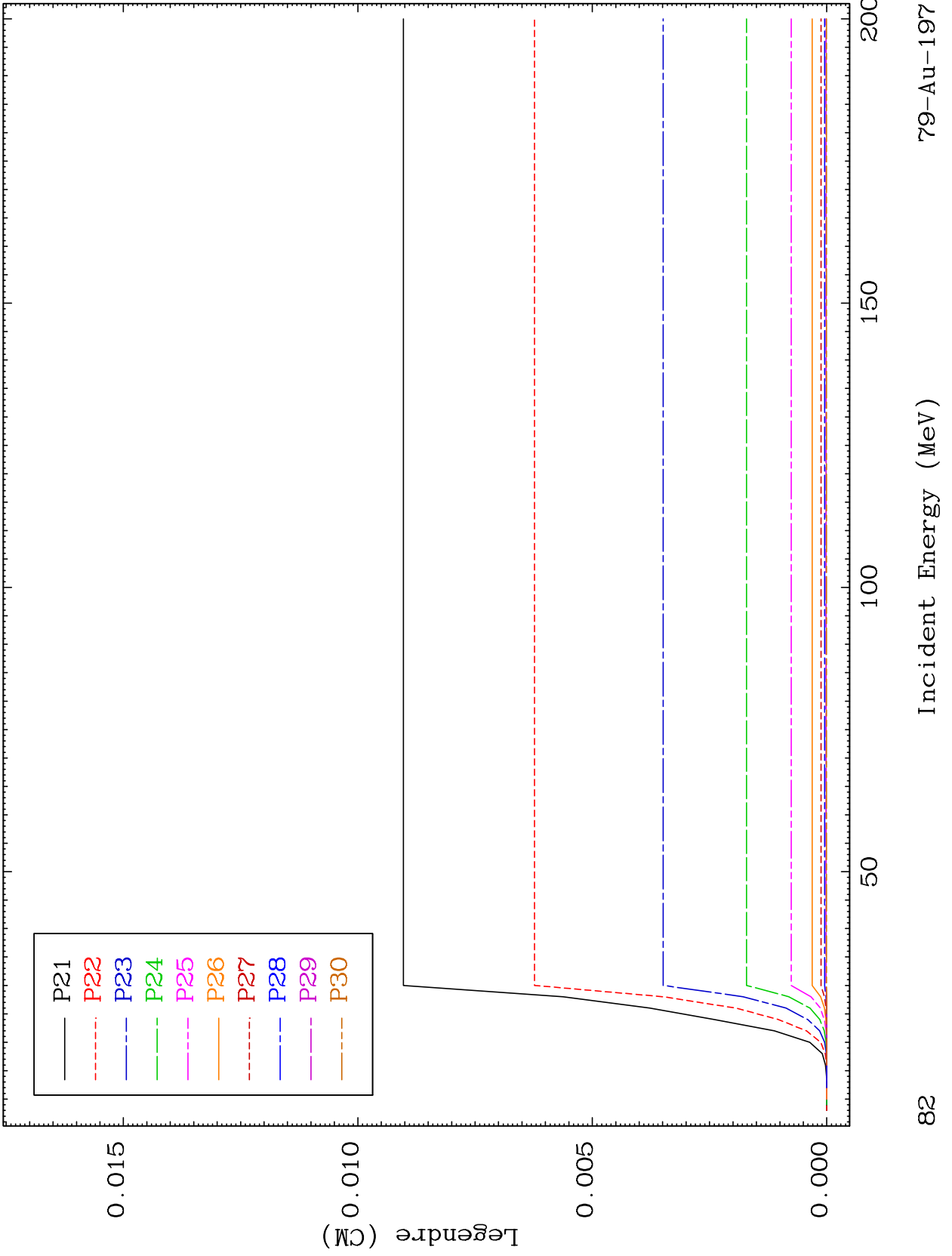




MAT 7925

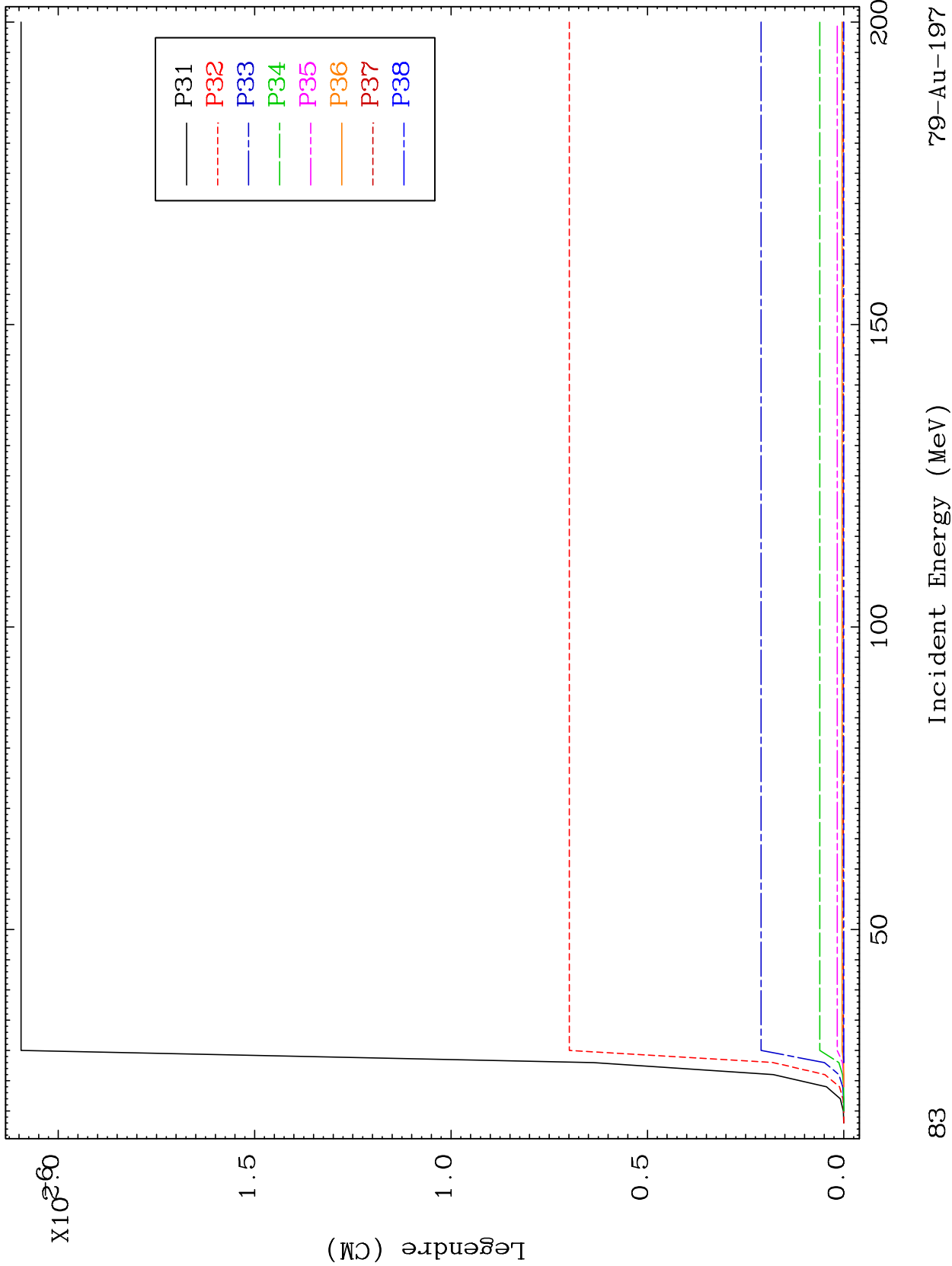
1.150 MeV (n,n') Level
Legendre Coefficients

79-Au-197



82

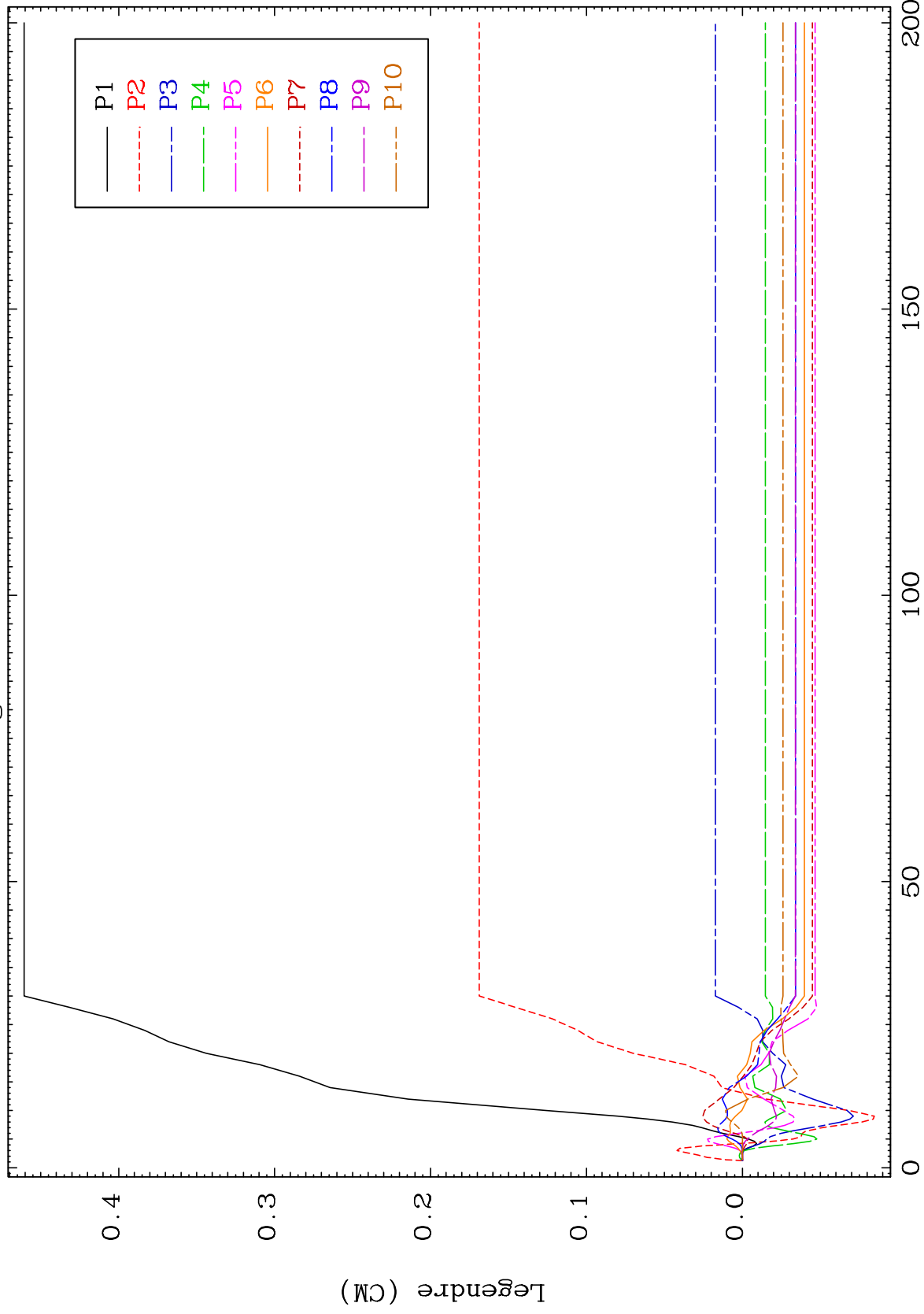
79-Au-197



MAT 7925

1.217 MeV (n,n') Level
Legendre Coefficients

79-Au-197



84

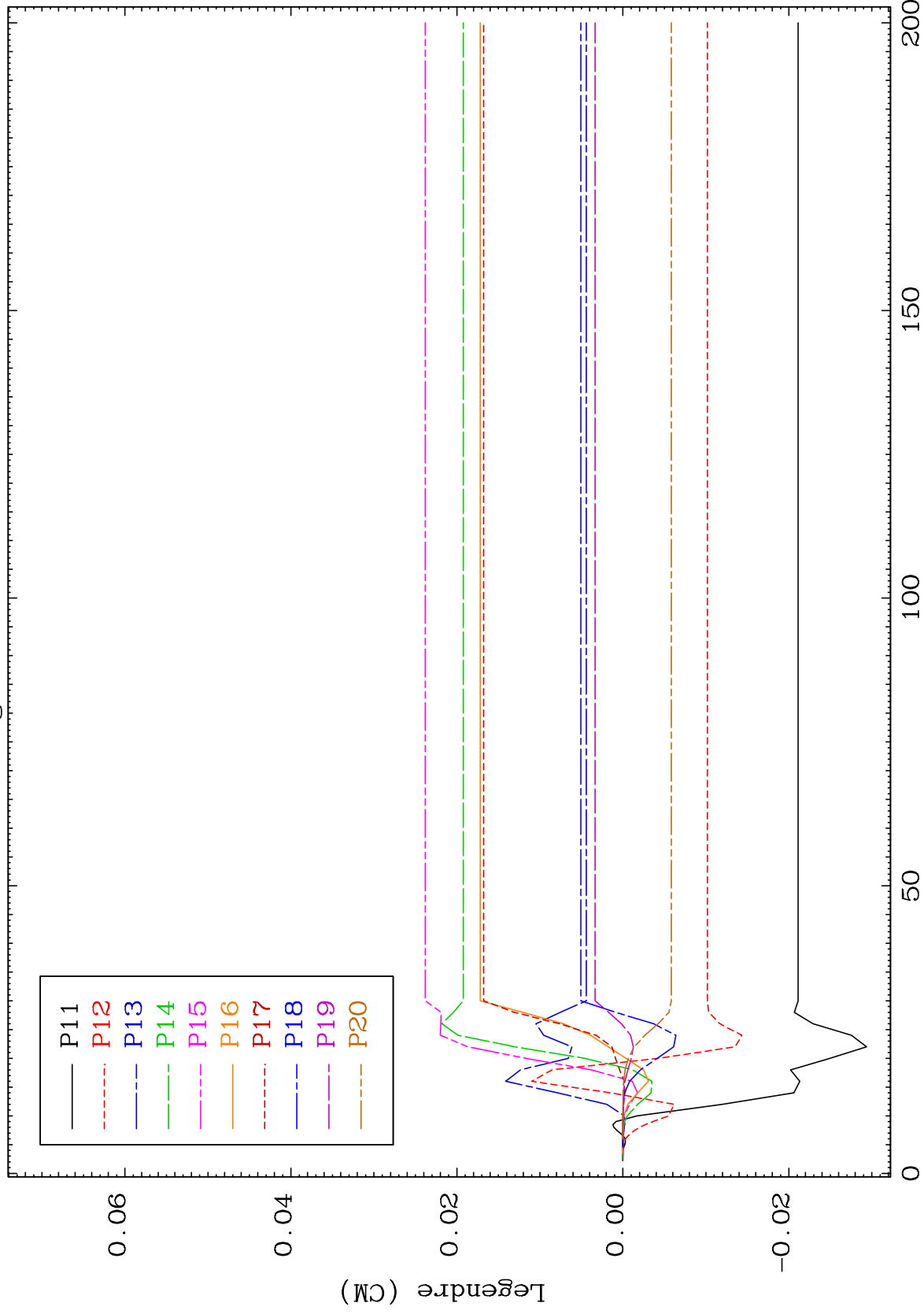
Incident Energy (MeV)

79-Au-197

MAT 7925

1.217 MeV (n,n') Level
Legendre Coefficients

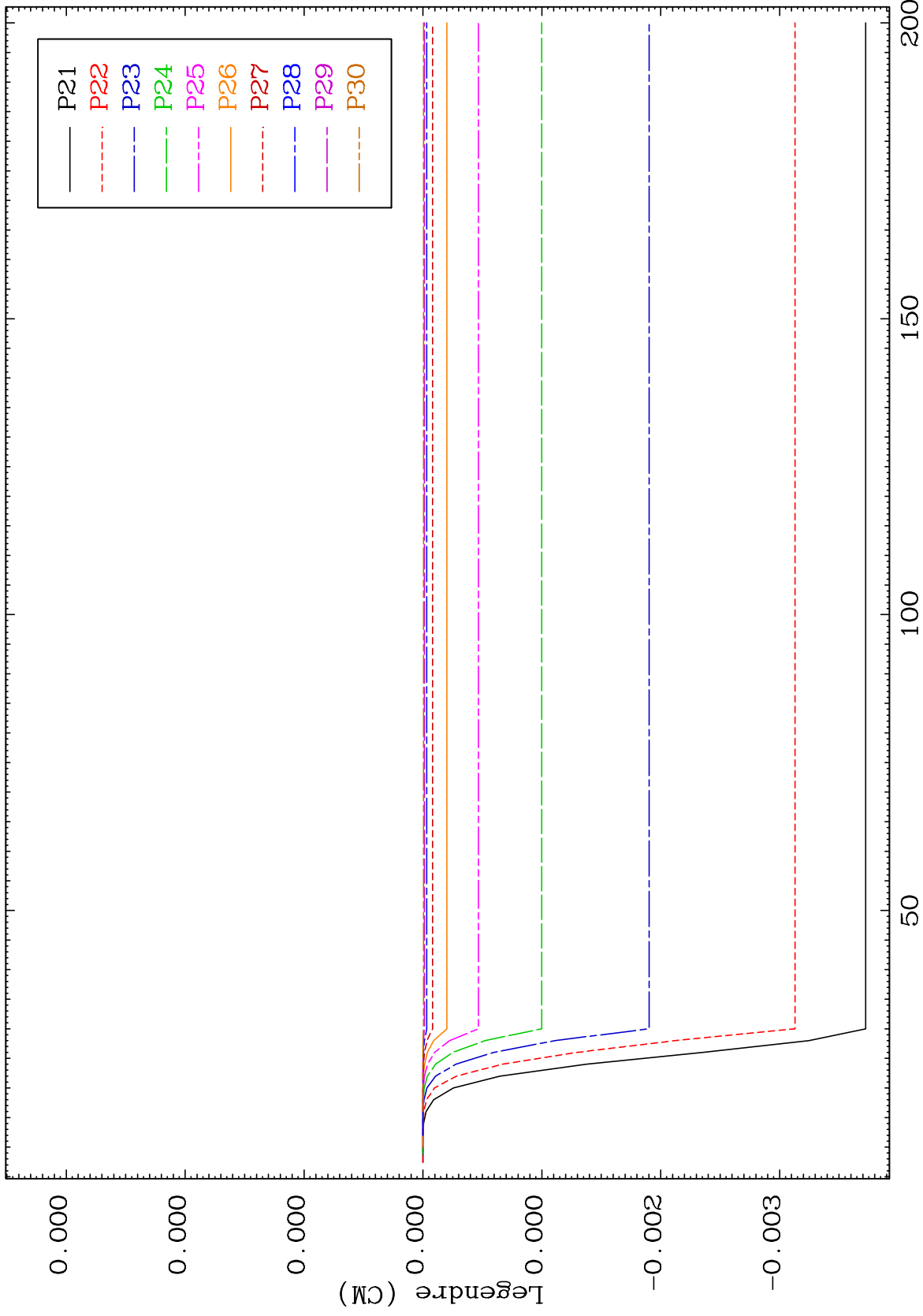
79-Au-197

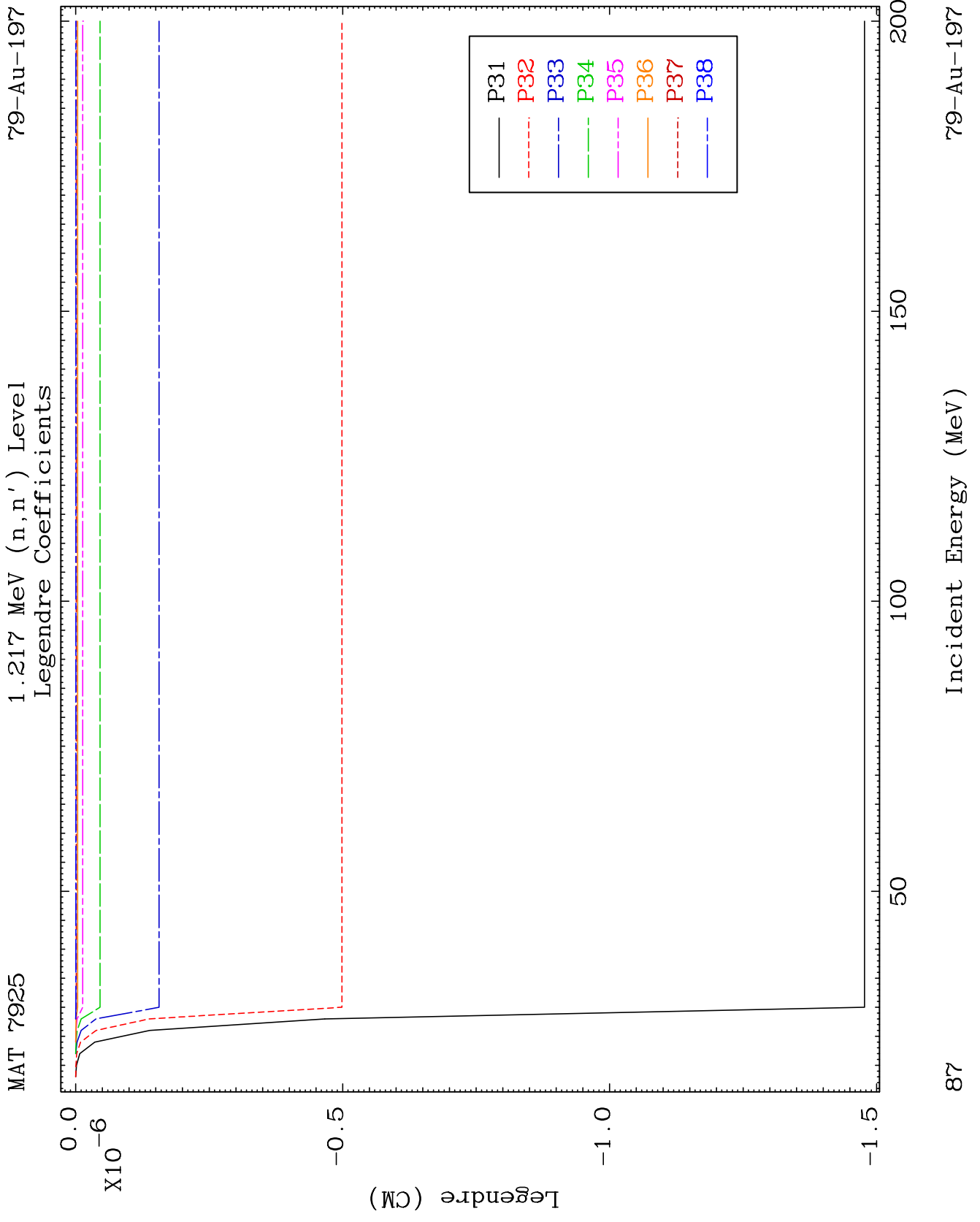


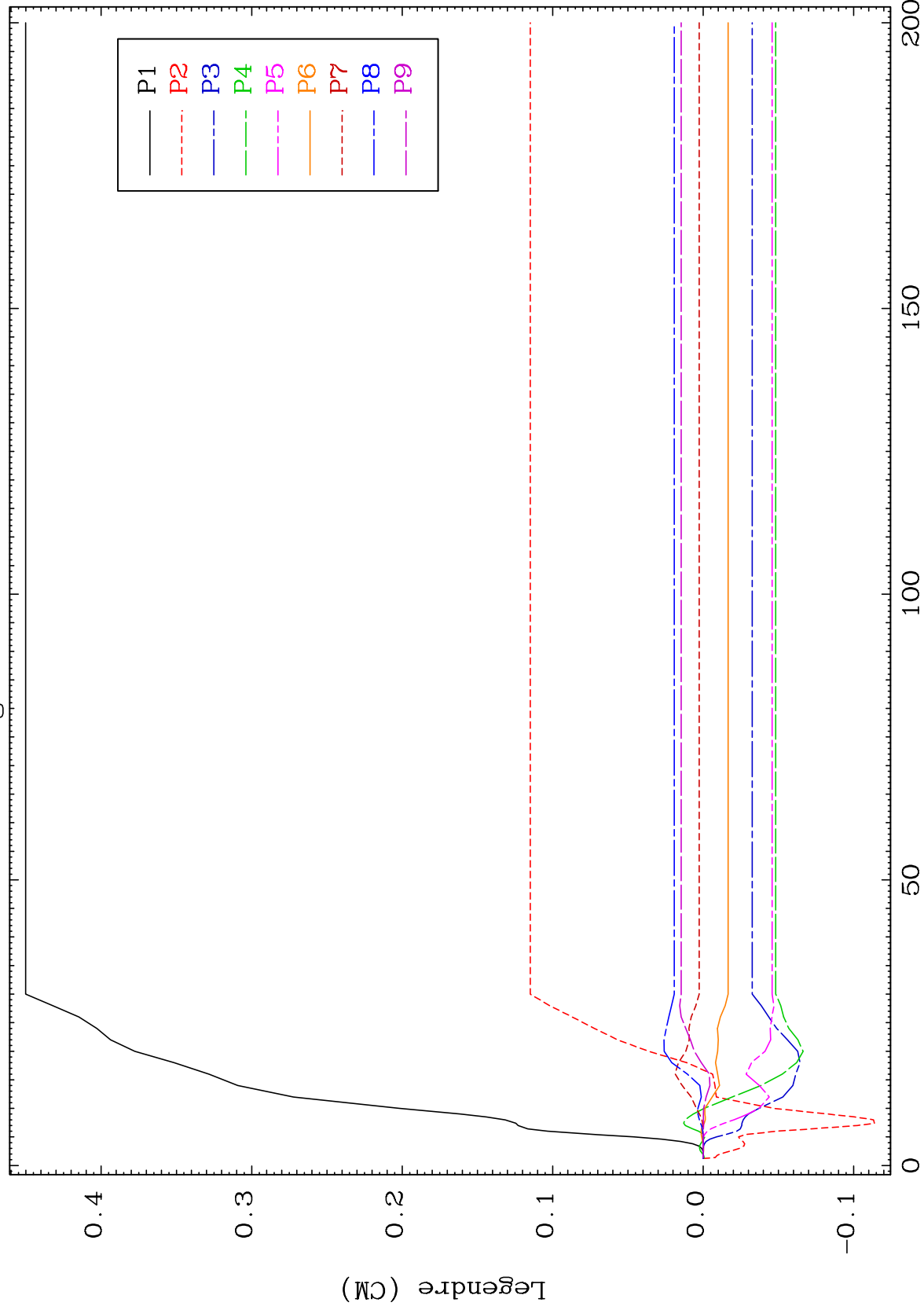
85

Incident Energy (MeV)

79-Au-197



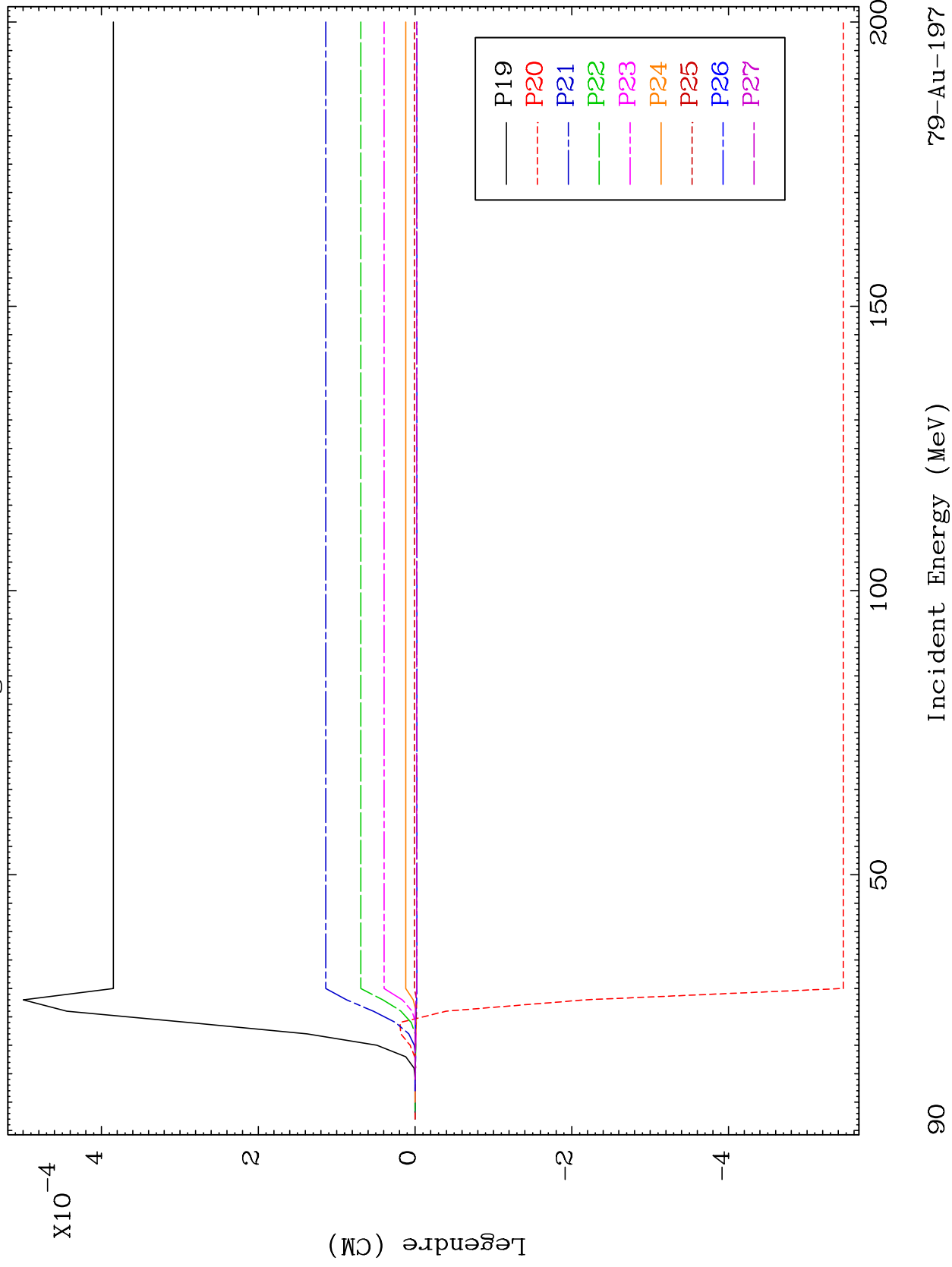




MAT 7925

1.220 MeV (n,n') Level
Legendre Coefficients

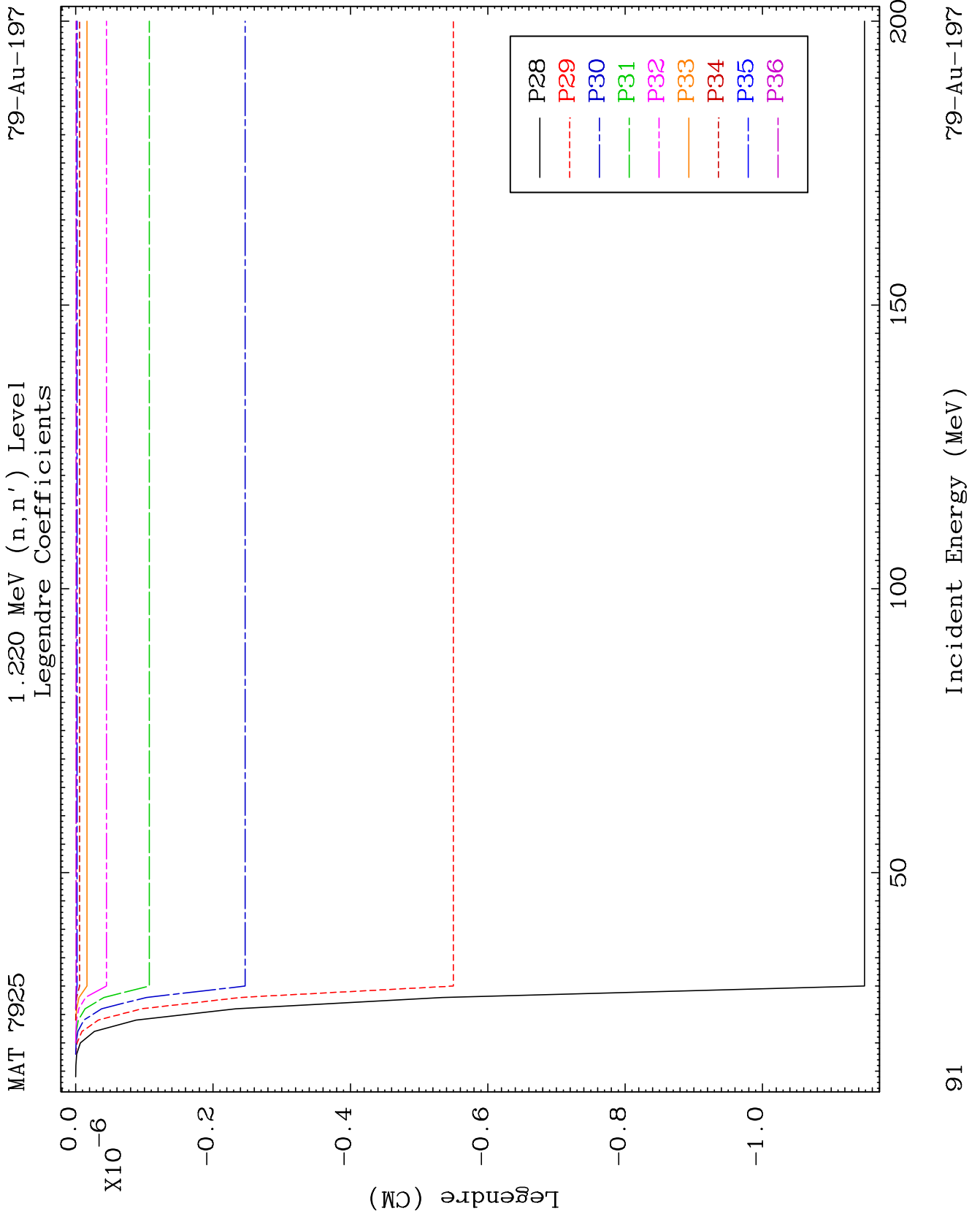
79-Au-197



79-Au-197

Incident Energy (MeV)

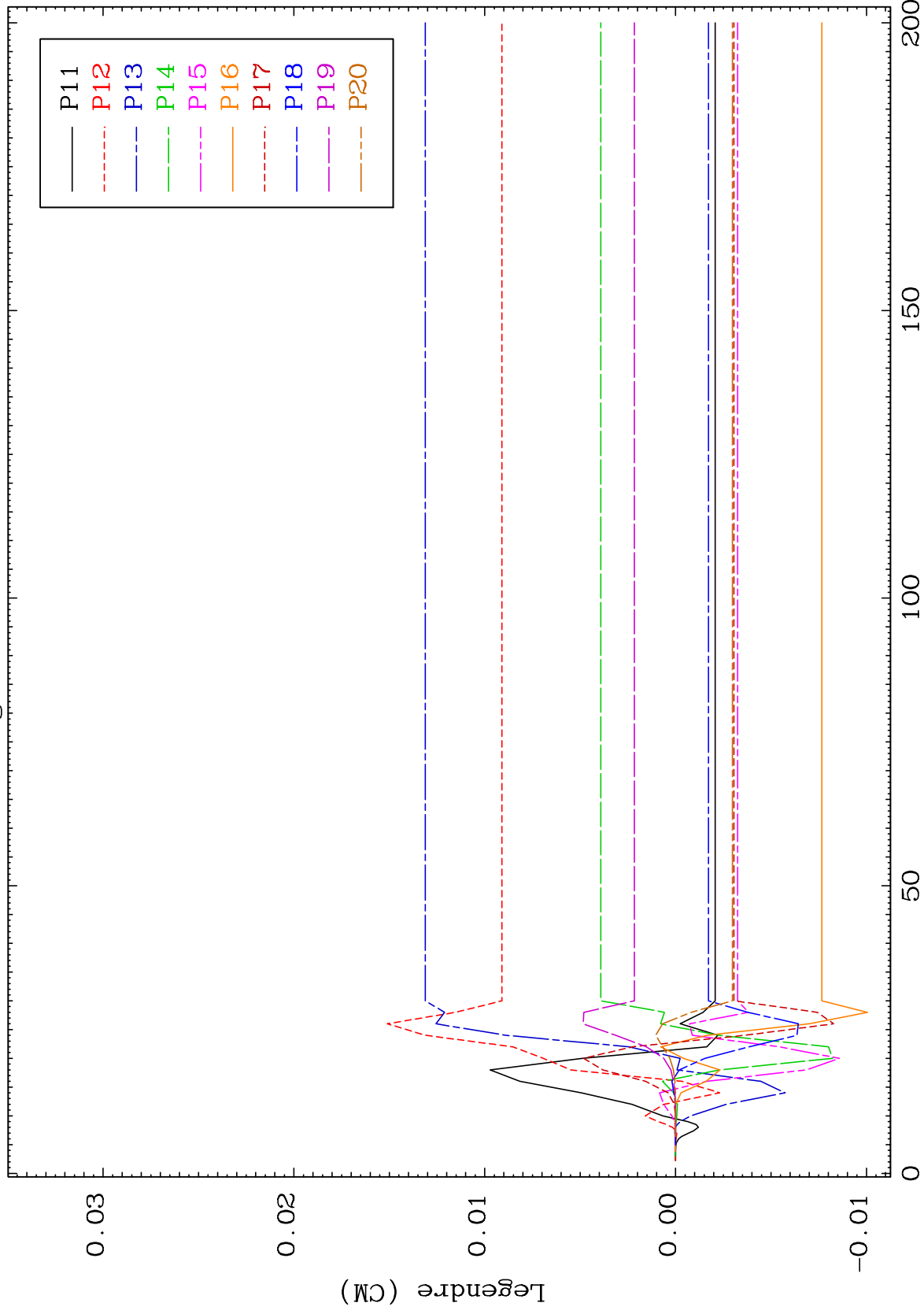
90



MAT 7925

1.231 MeV (n,n') Level
Legendre Coefficients

79-Au-197



93

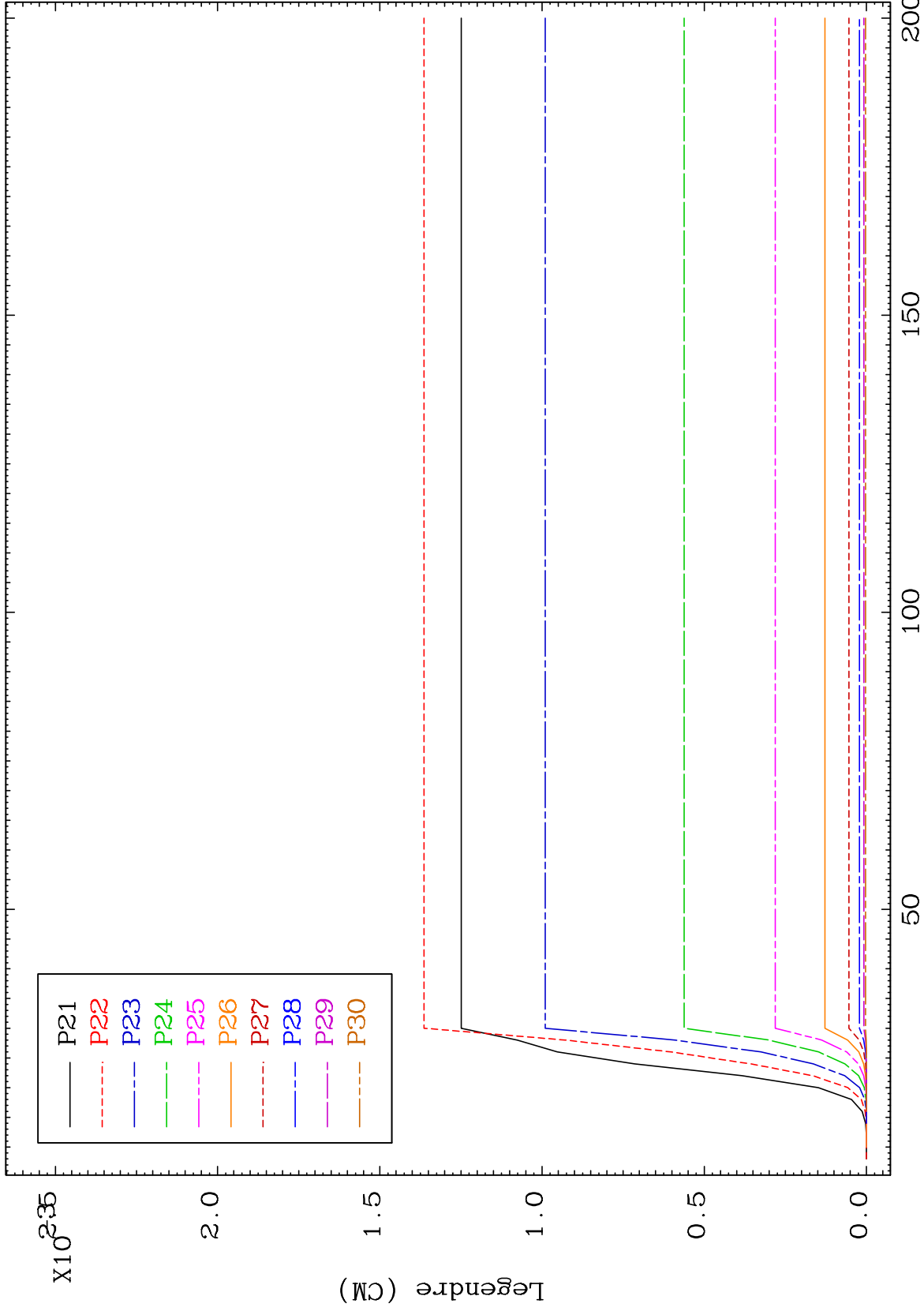
Incident Energy (MeV)

79-Au-197

MAT 7925

1.231 MeV (n,n') Level
Legendre Coefficients

79-Au-197



94

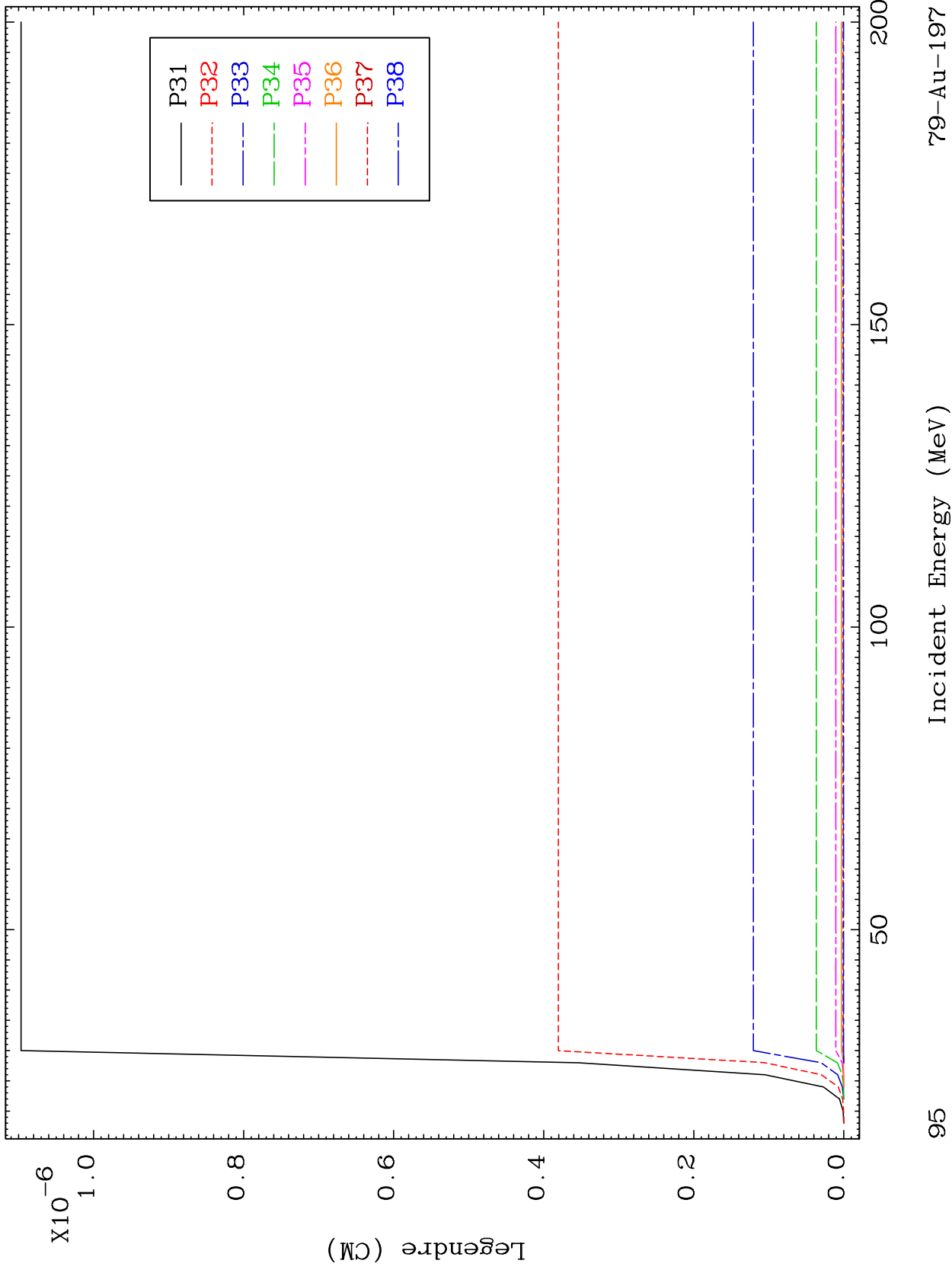
Incident Energy (MeV)

79-Au-197

MAT 7925

1.231 MeV (n,n') Level
Legendre Coefficients

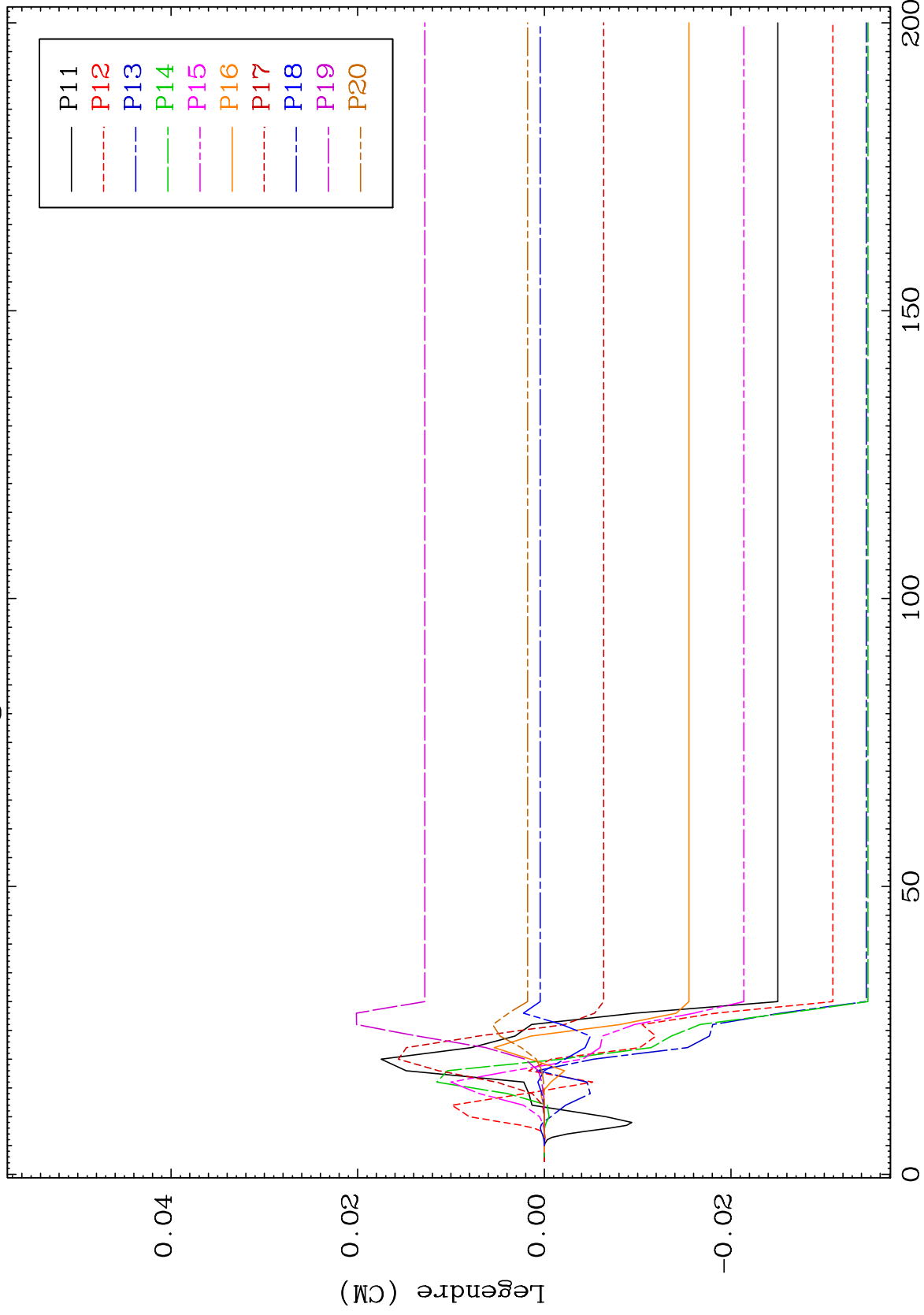
79-Au-197



MAT 7925

1.242 MeV (n,n') Level
Legendre Coefficients

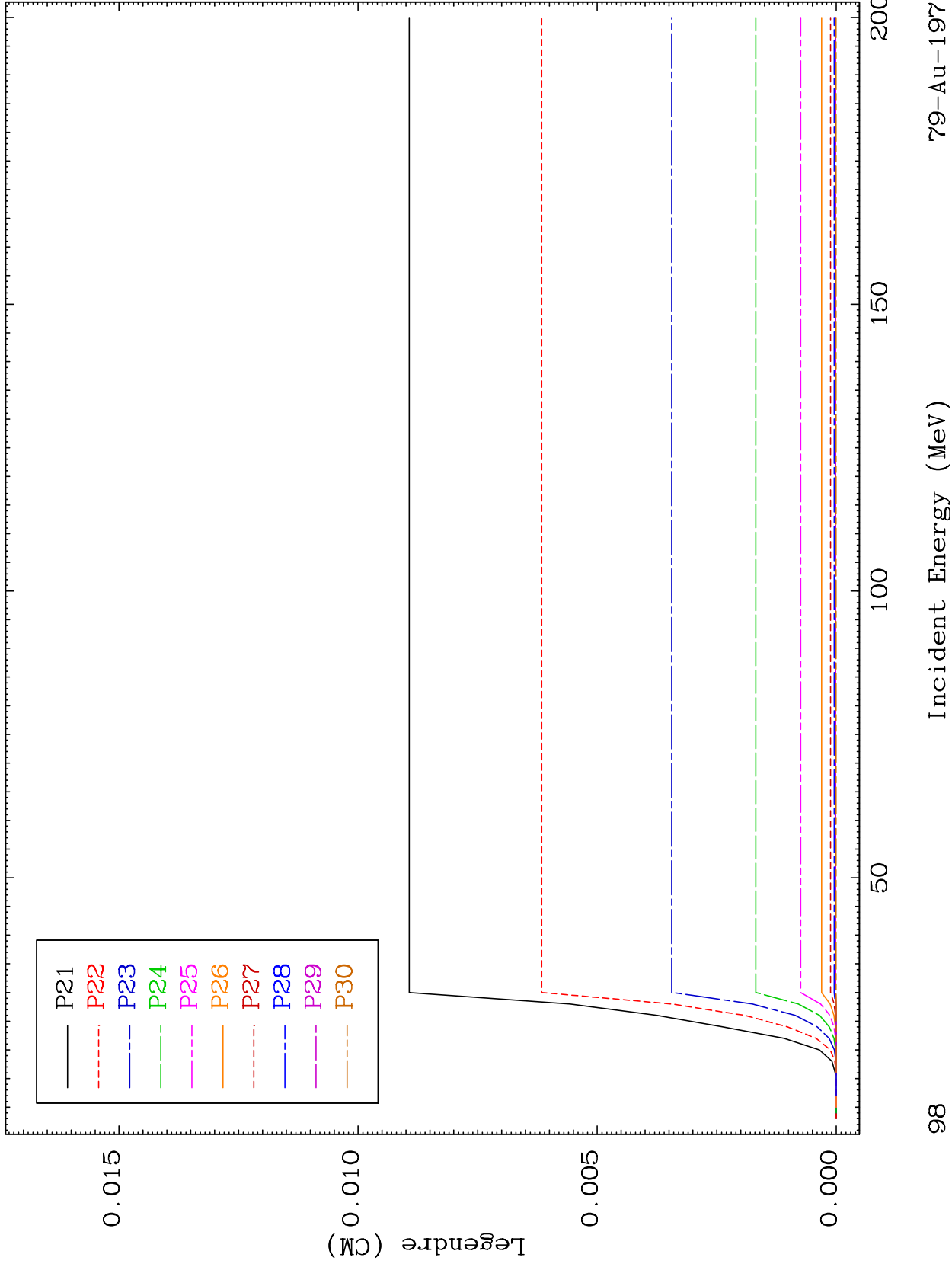
79-Au-197



97

Incident Energy (MeV)

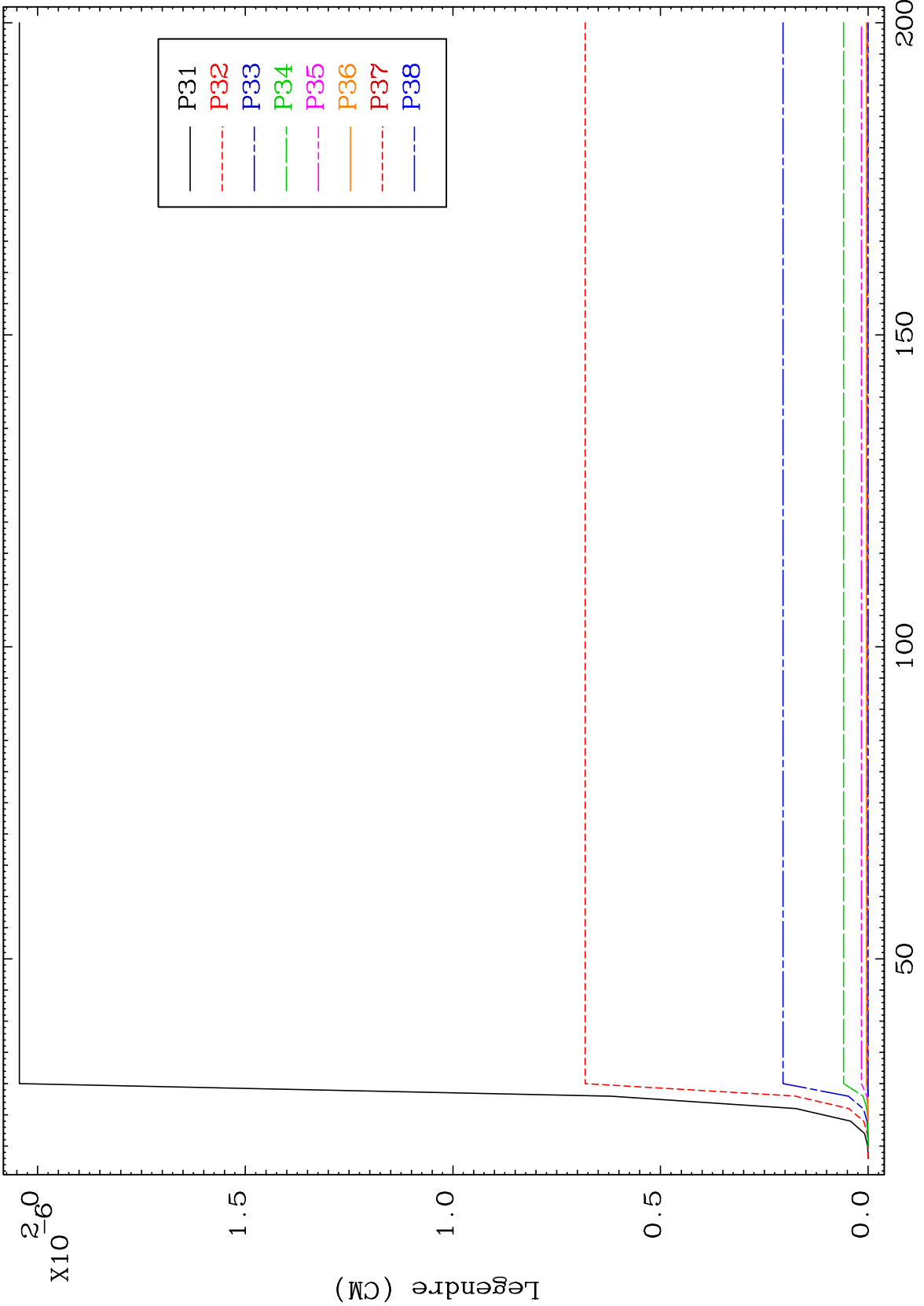
79-Au-197



MAT 7925

1.242 MeV (n, n') Level
Legendre Coefficients

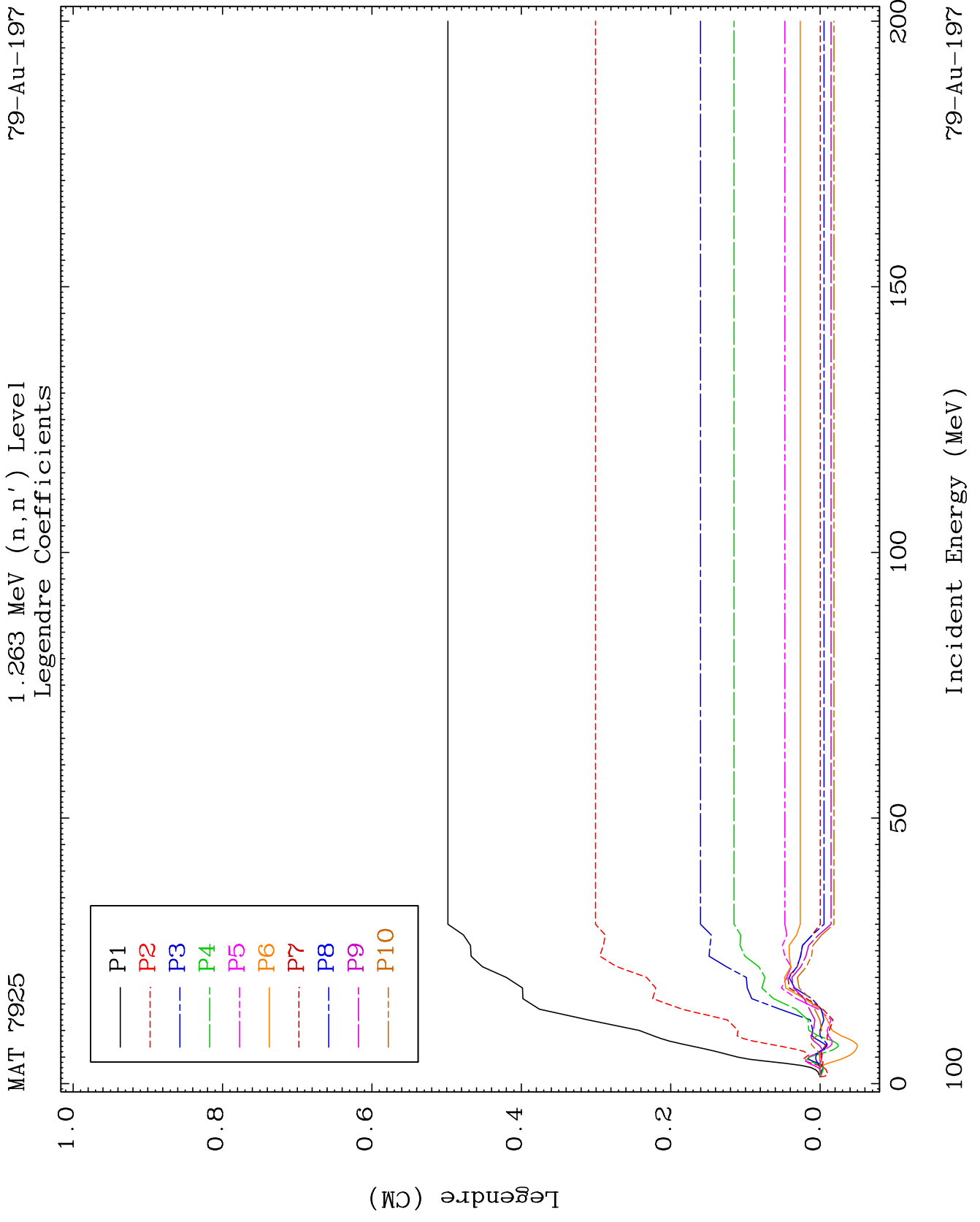
79-Au-197



79-Au-197

Incident Energy (MeV)

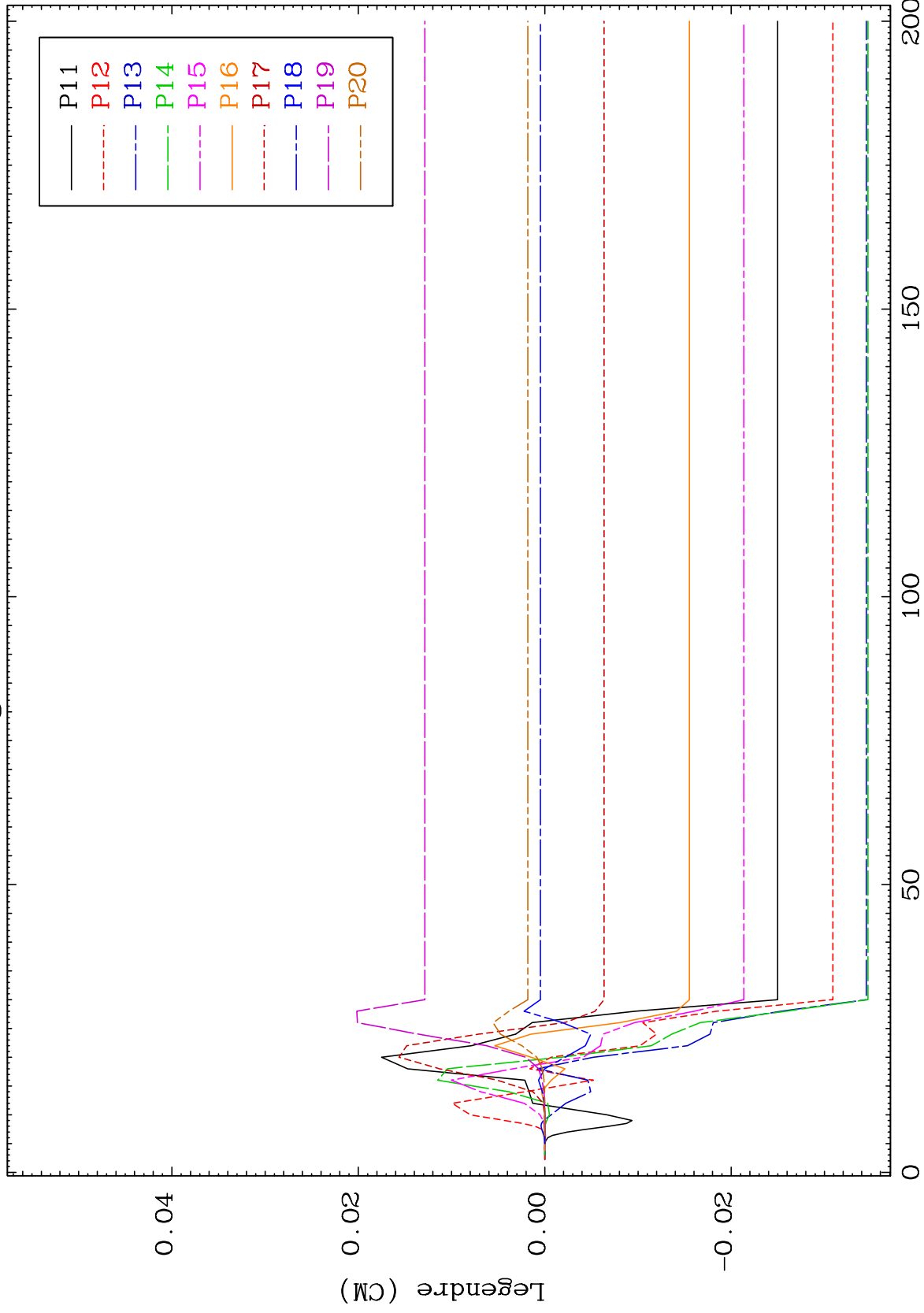
99



MAT 7925

1.263 MeV (n,n') Level
Legendre Coefficients

79-Au-197



101

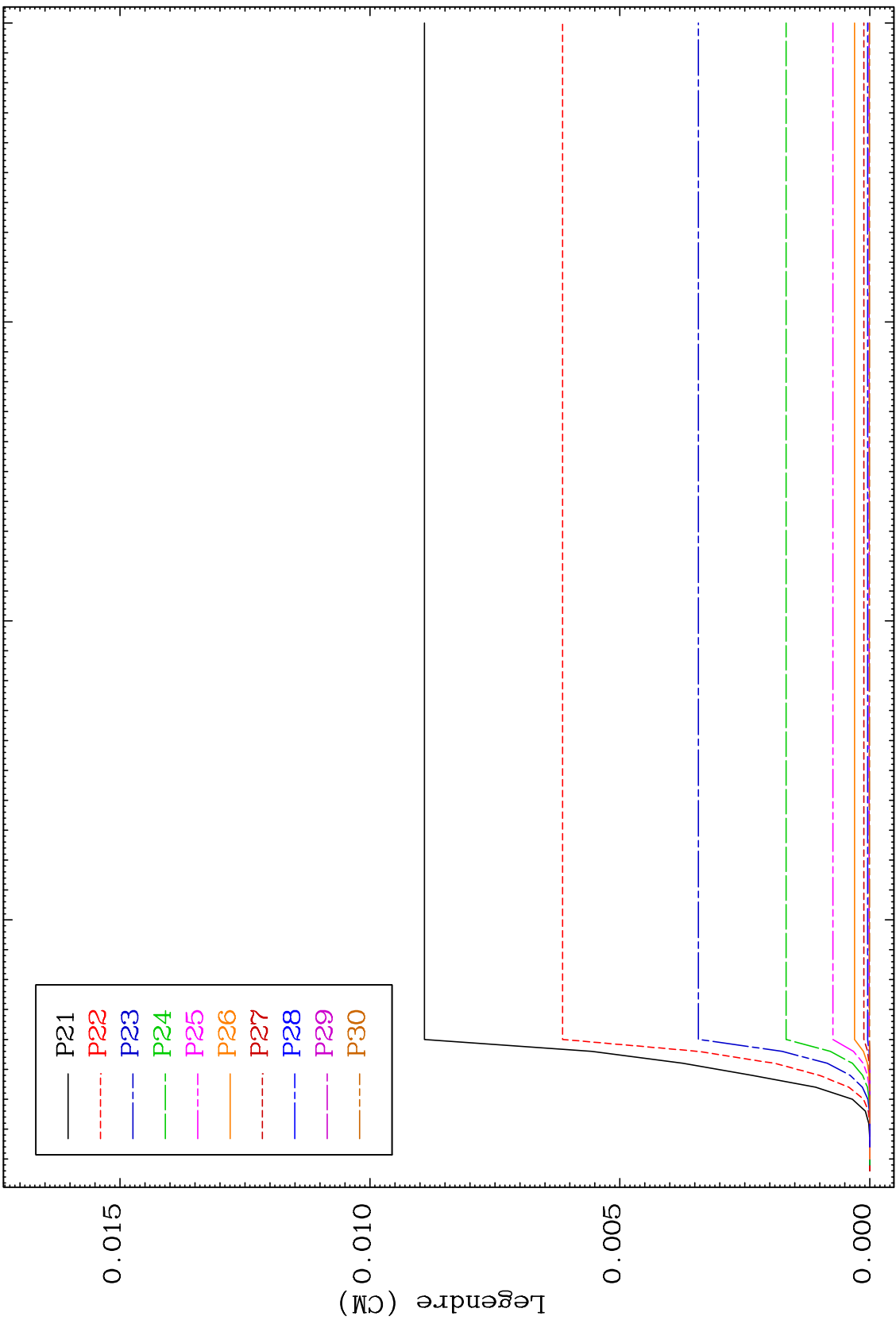
Incident Energy (MeV)

79-Au-197

MAT 7925

1.263 MeV (n,n') Level
Legendre Coefficients

79-Au-197



102

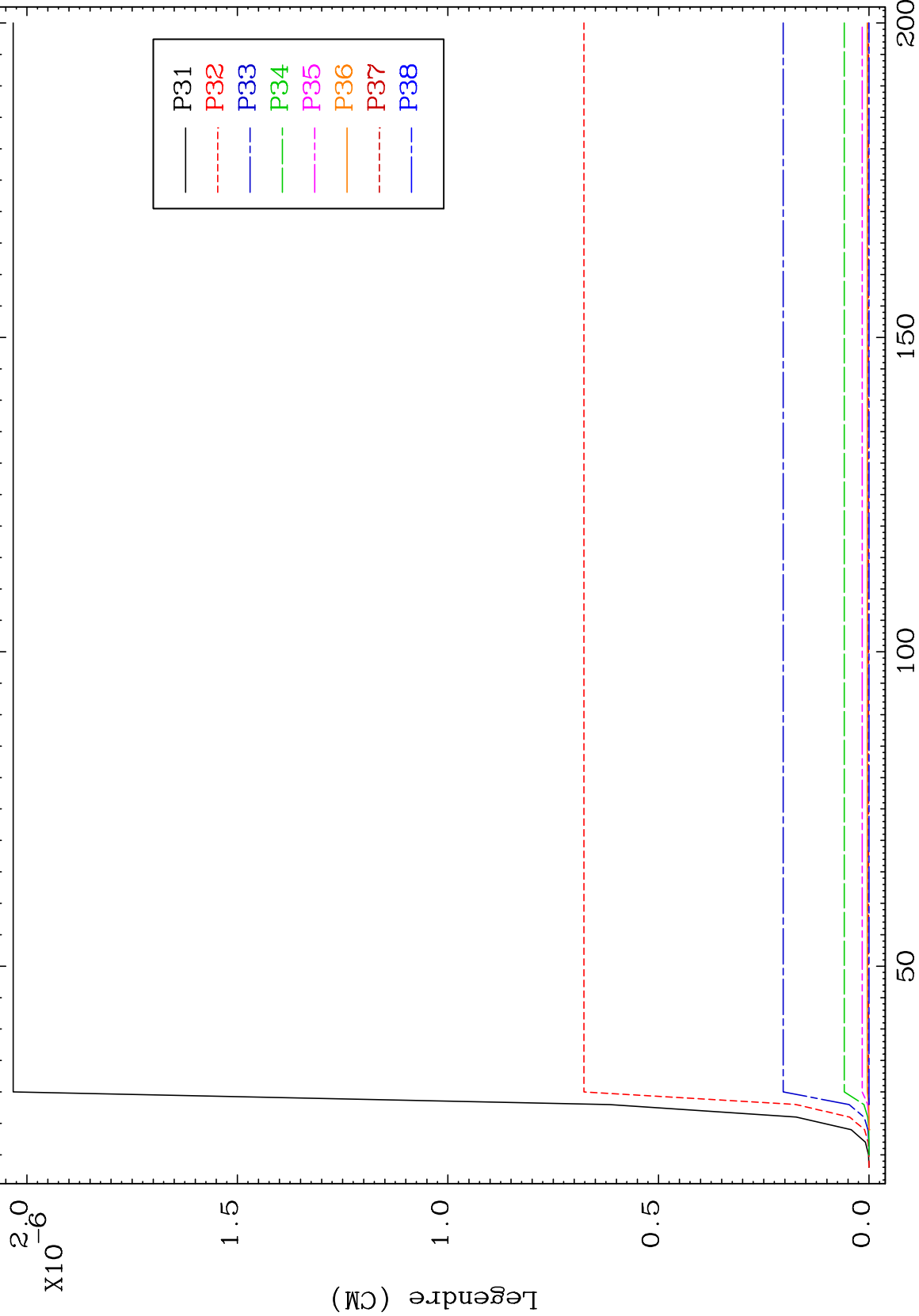
Incident Energy (MeV)

79-Au-197

MAT 7925

1.263 MeV (n, n') Level
Legendre Coefficients

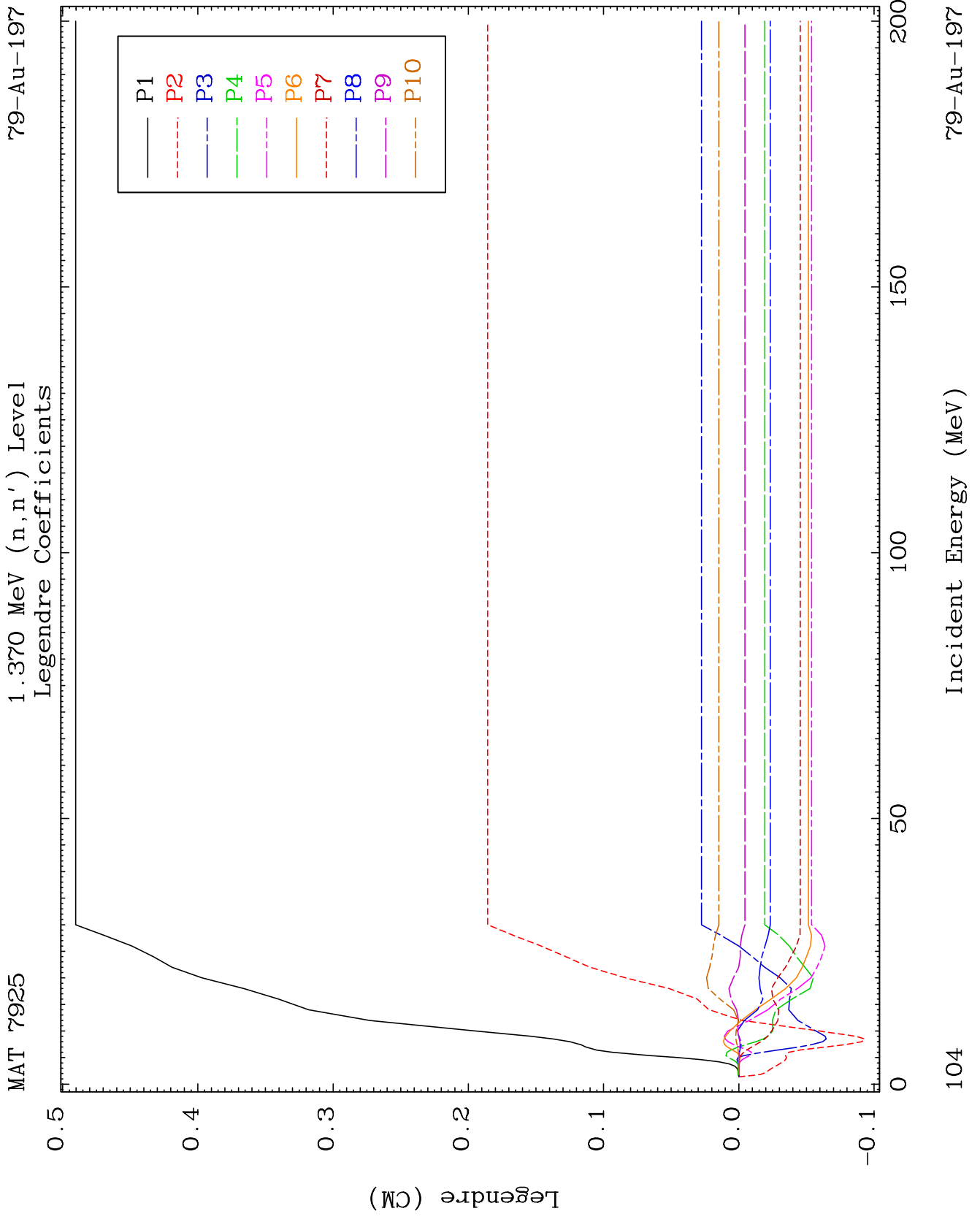
79-Au-197



103

Incident Energy (MeV)

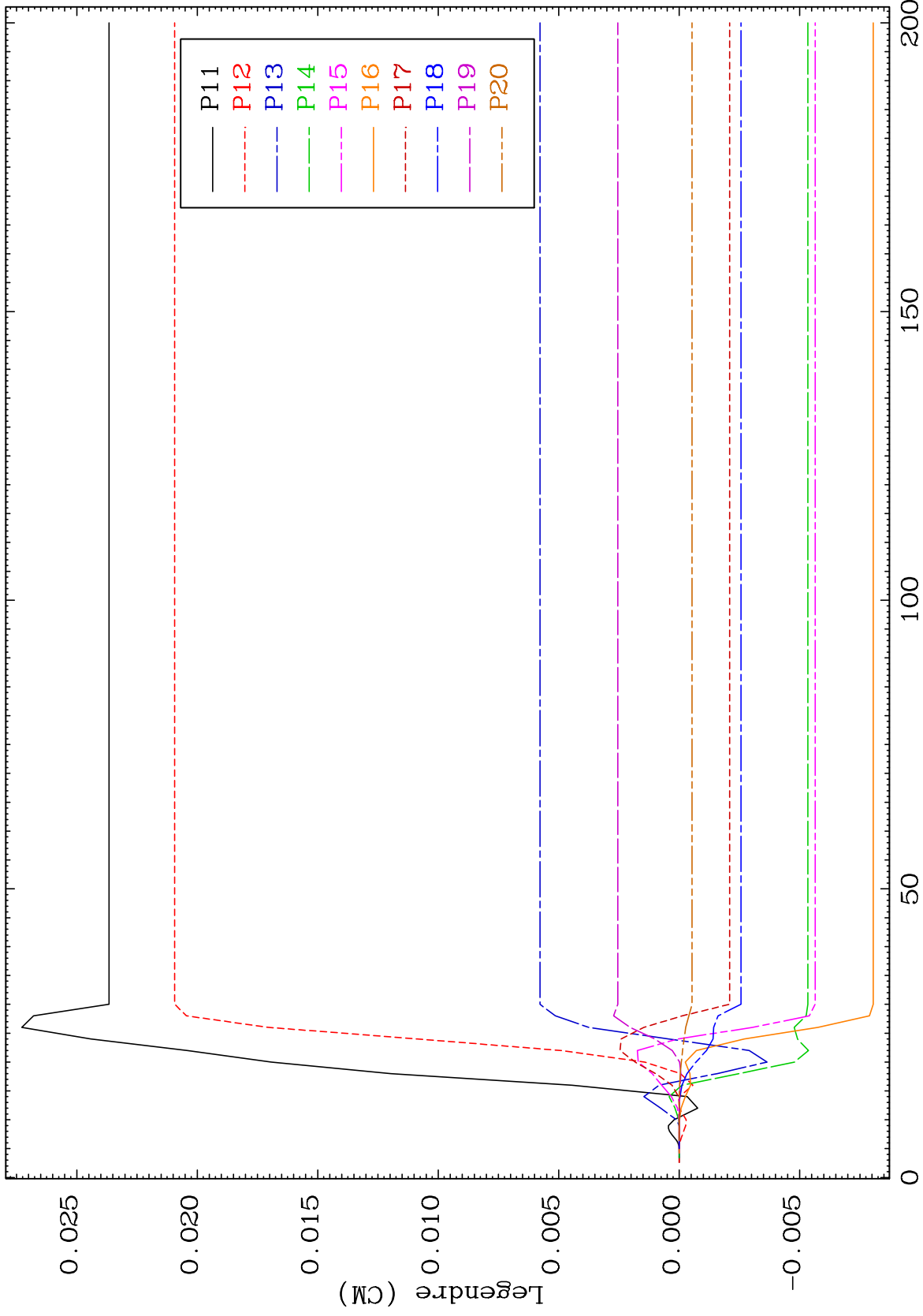
79-Au-197



MAT 7925

1.370 MeV (n,n') Level
Legendre Coefficients

79-Au-197



105

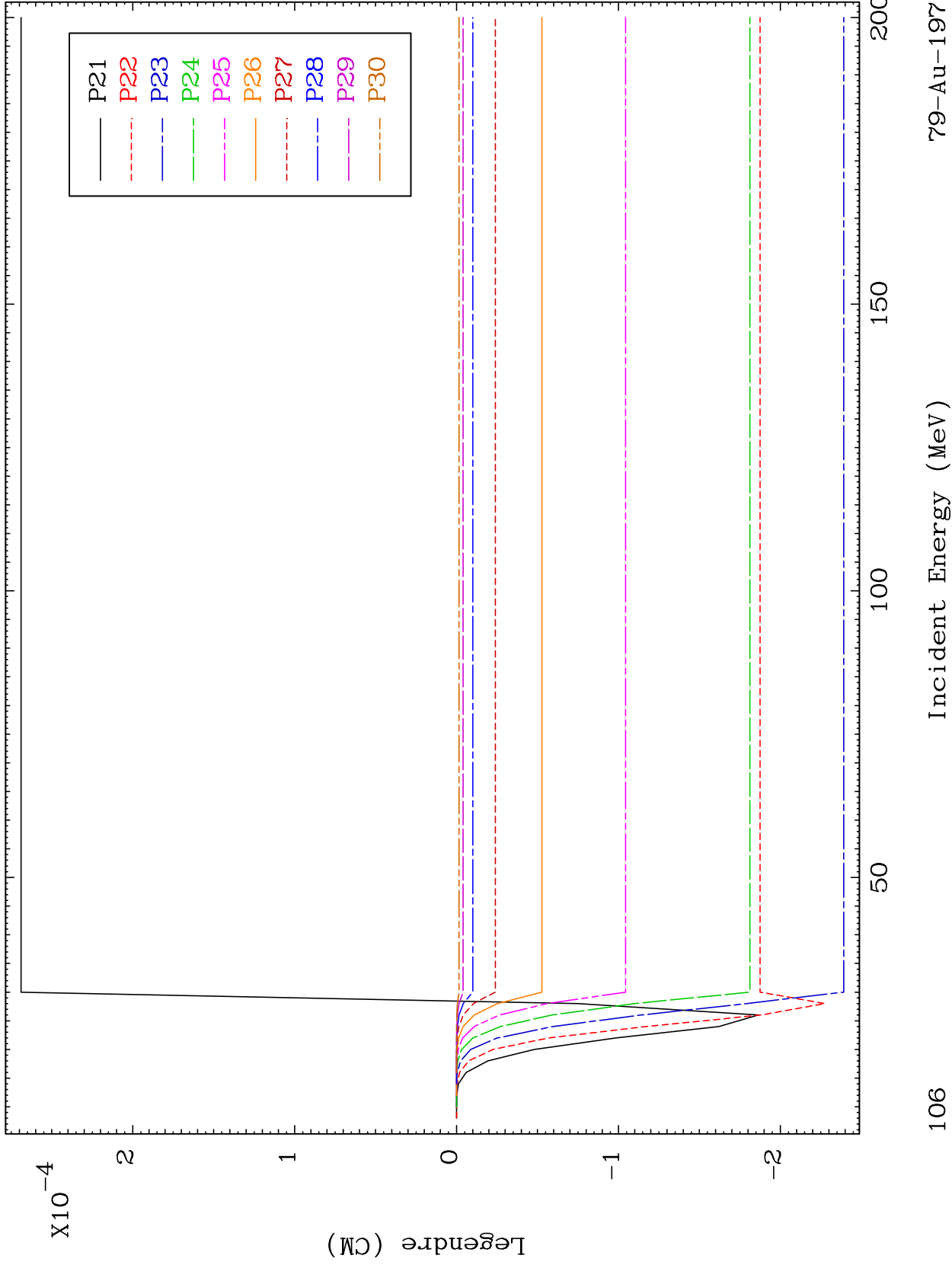
Incident Energy (MeV)

79-Au-197

MAT 7925

1.370 MeV (n,n') Level
Legendre Coefficients

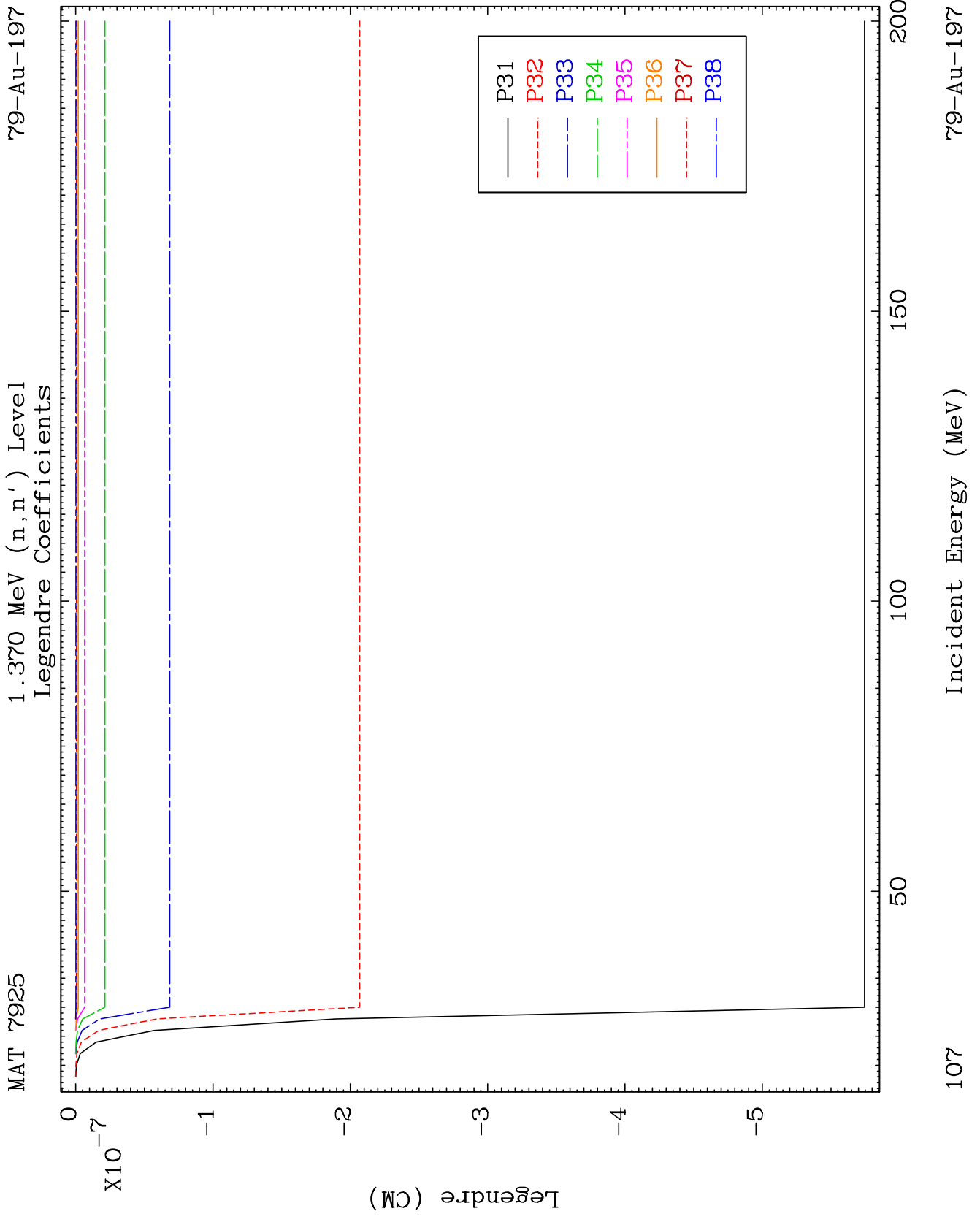
79-Au-197

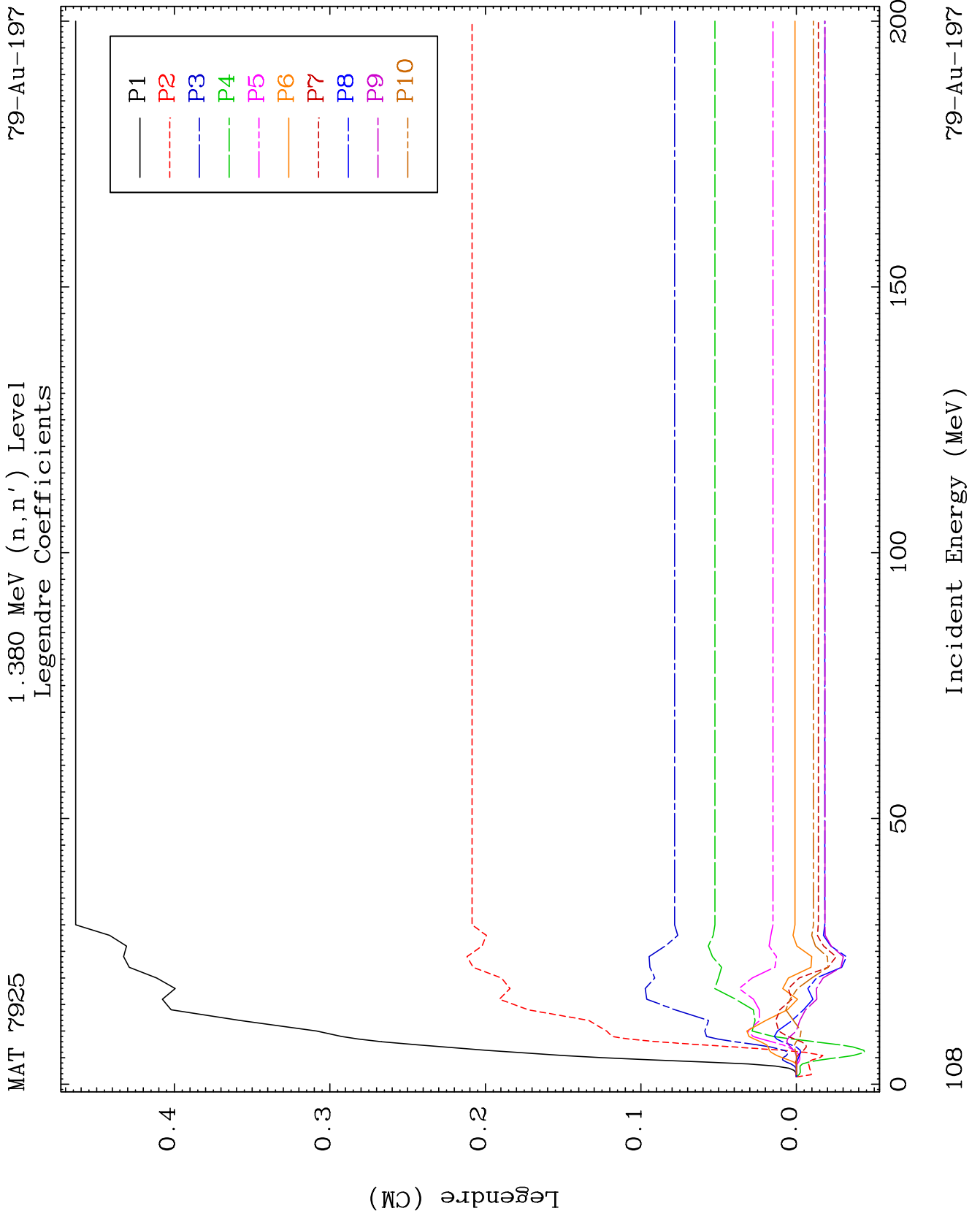


106

Incident Energy (MeV)

79-Au-197

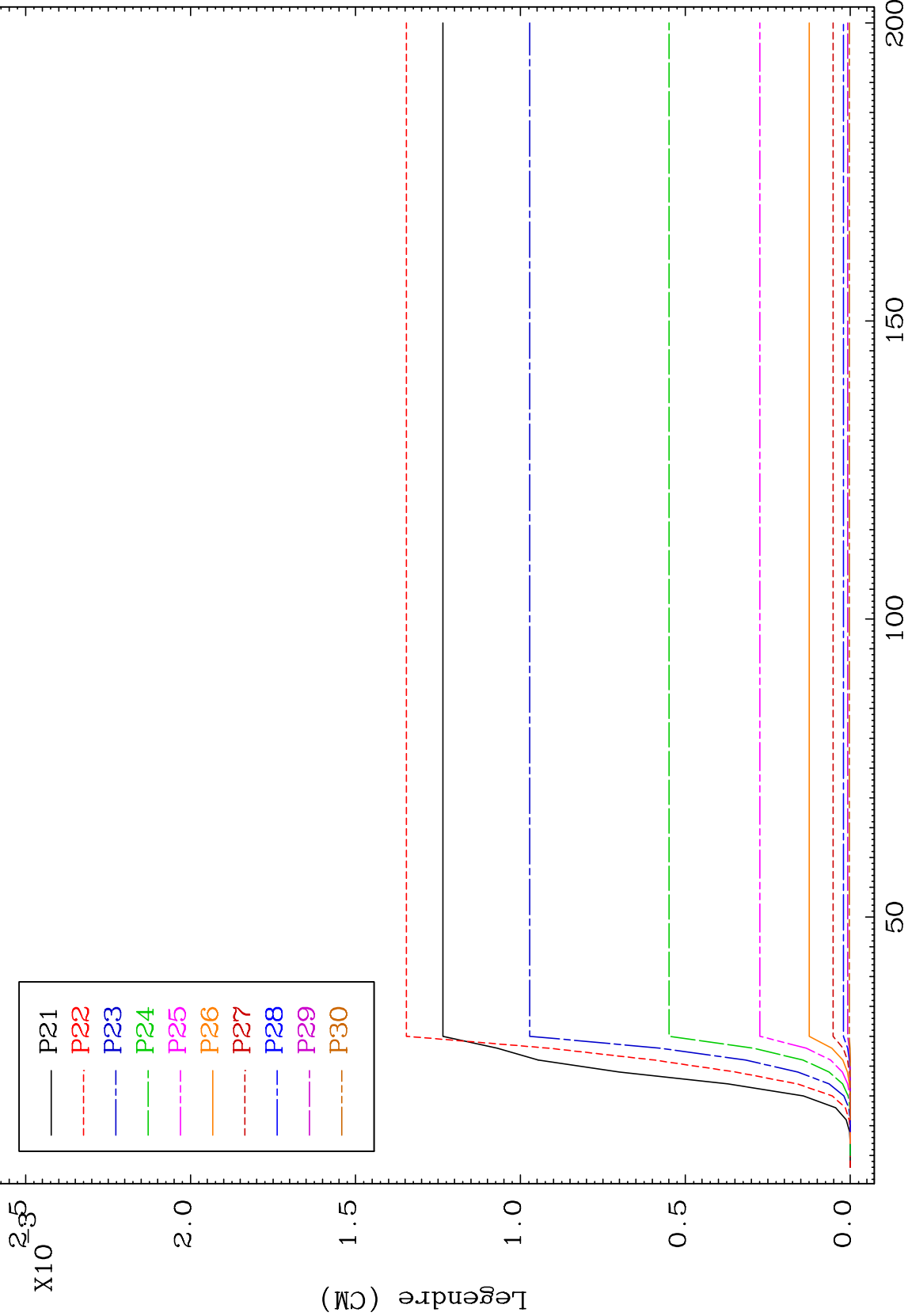




MAT 7925

1.380 MeV (n,n') Level
Legendre Coefficients

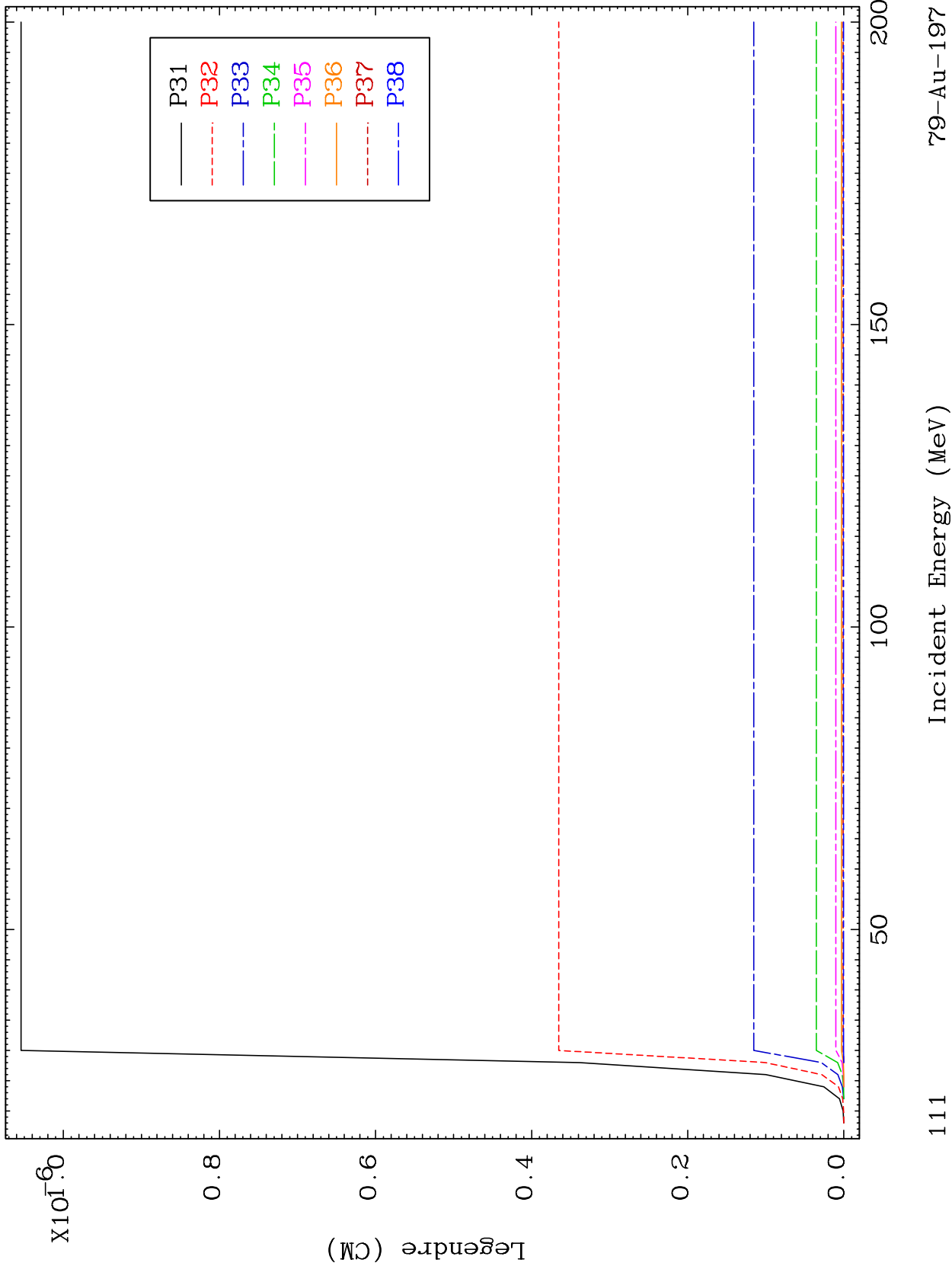
79-Au-197

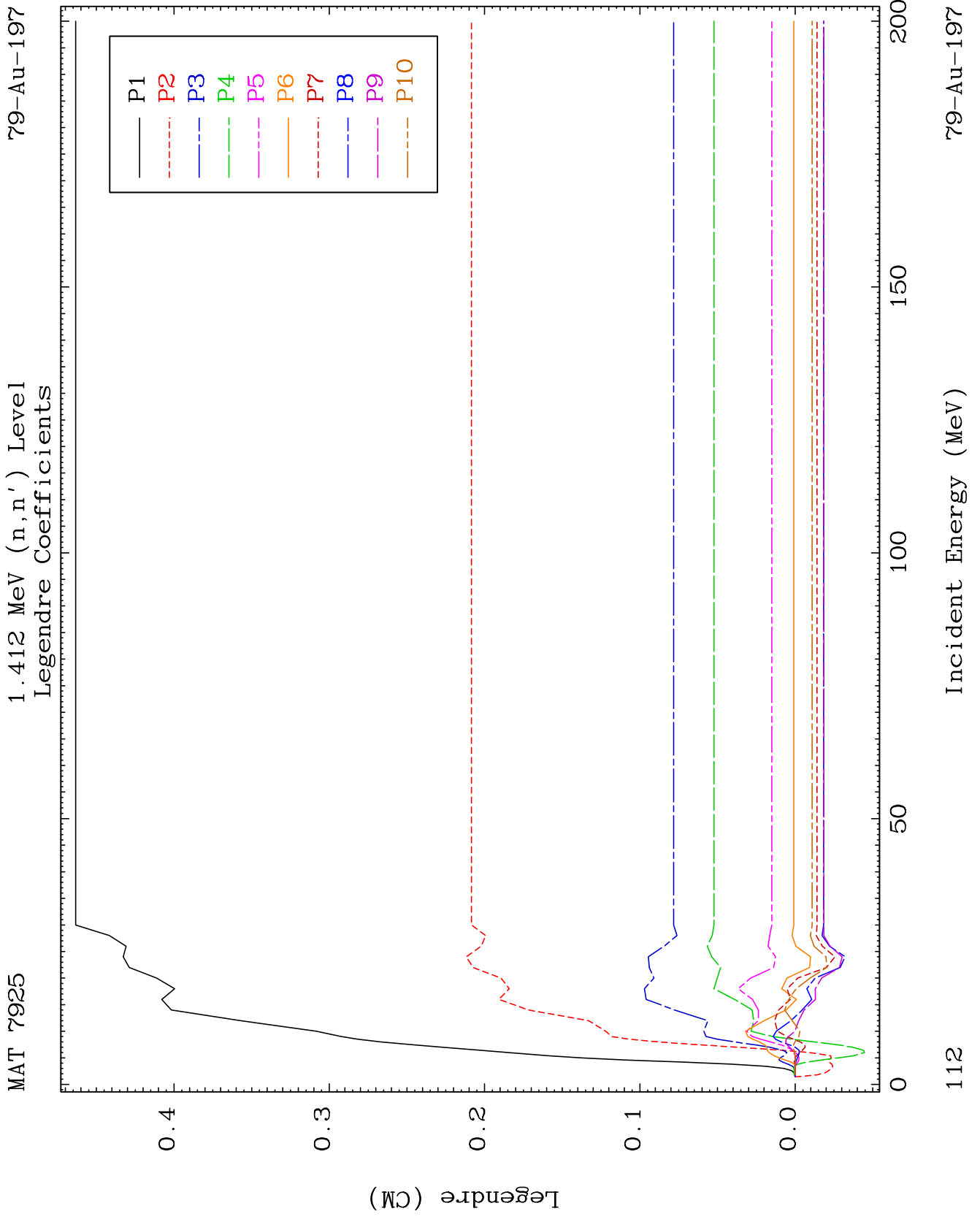


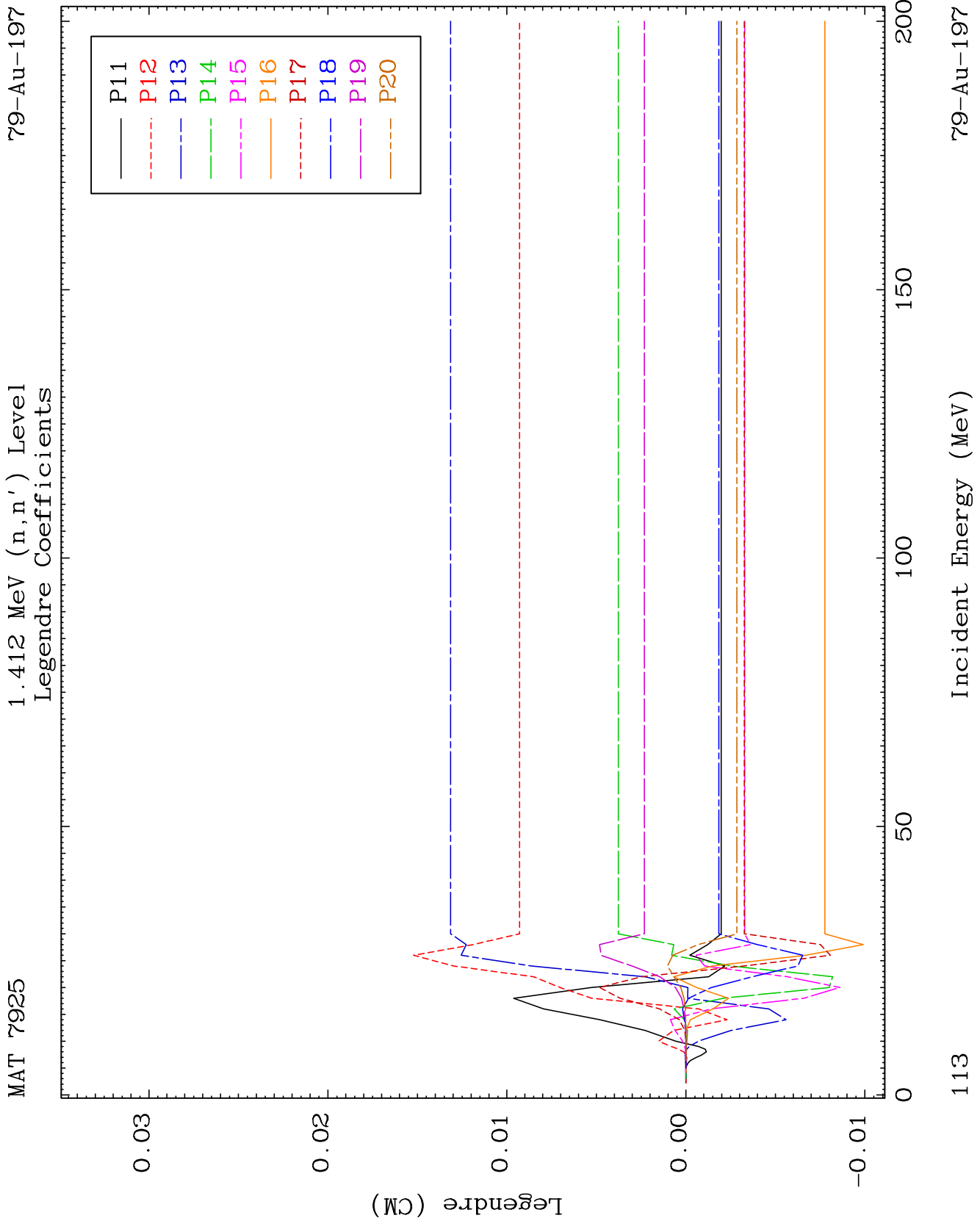
110

Incident Energy (MeV)

79-Au-197



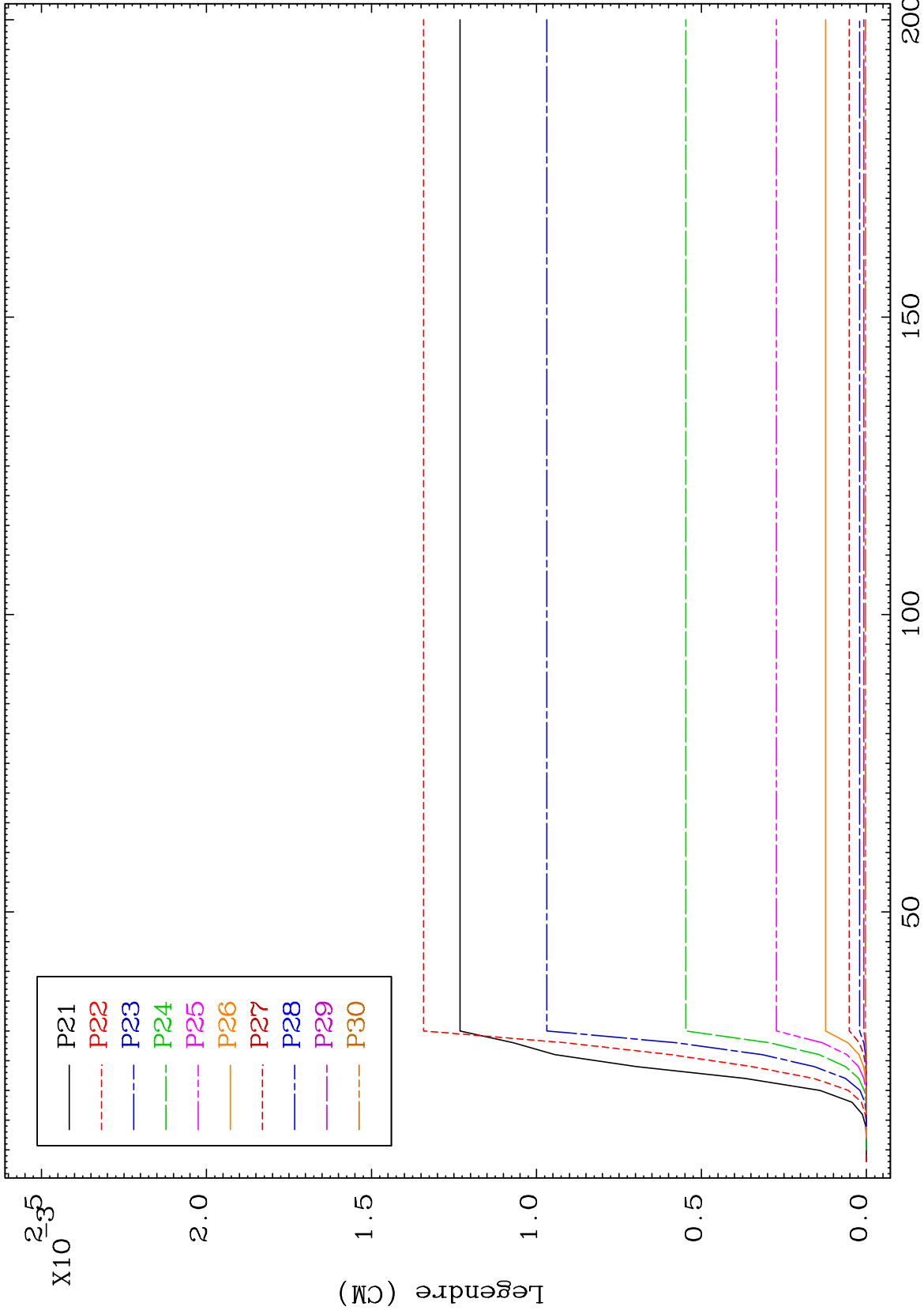




MAT 7925

1.412 MeV (n,n') Level
Legendre Coefficients

79-Au-197



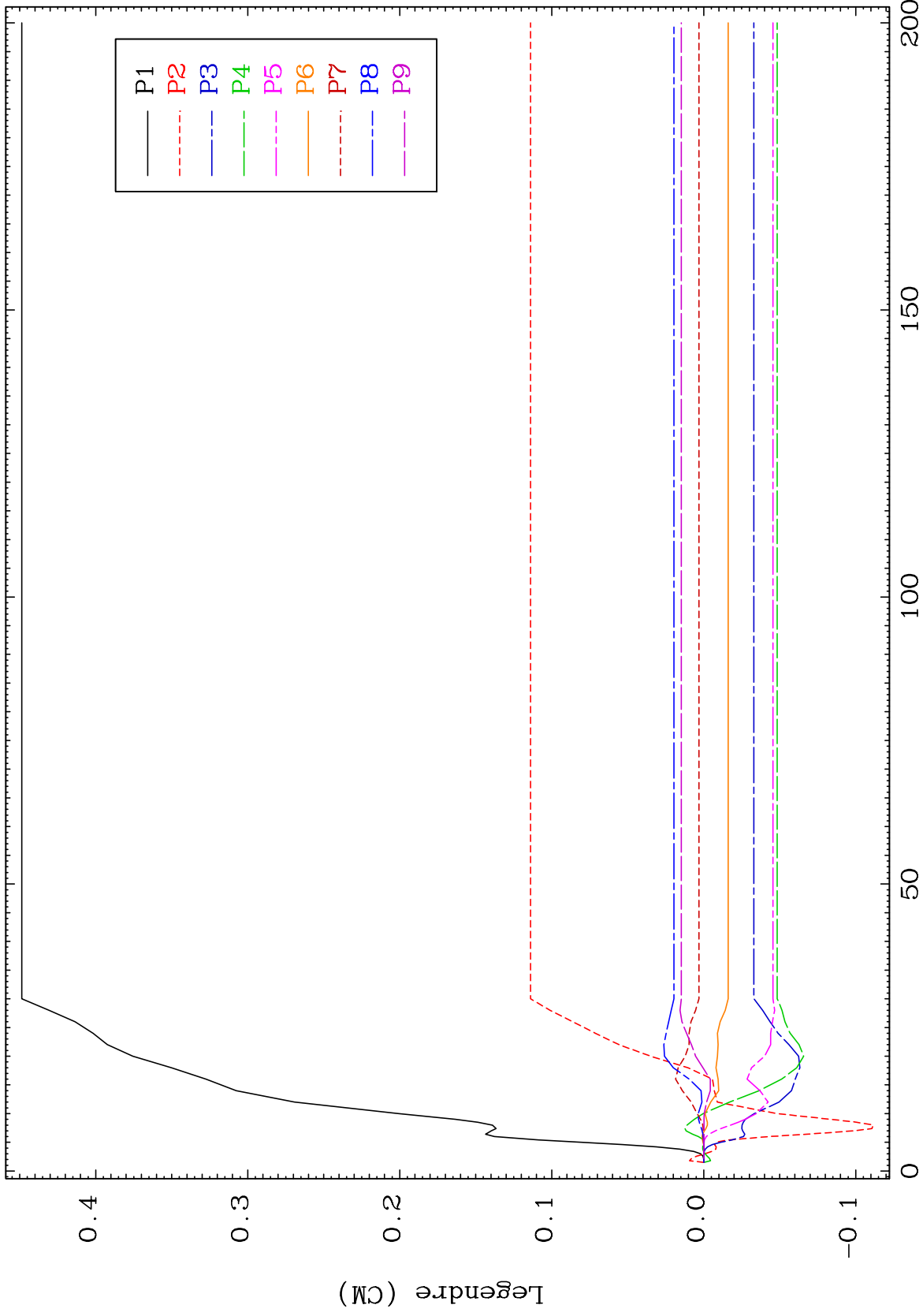
114

79-Au-197

MAT 7925

1.478 MeV (n,n') Level
Legendre Coefficients

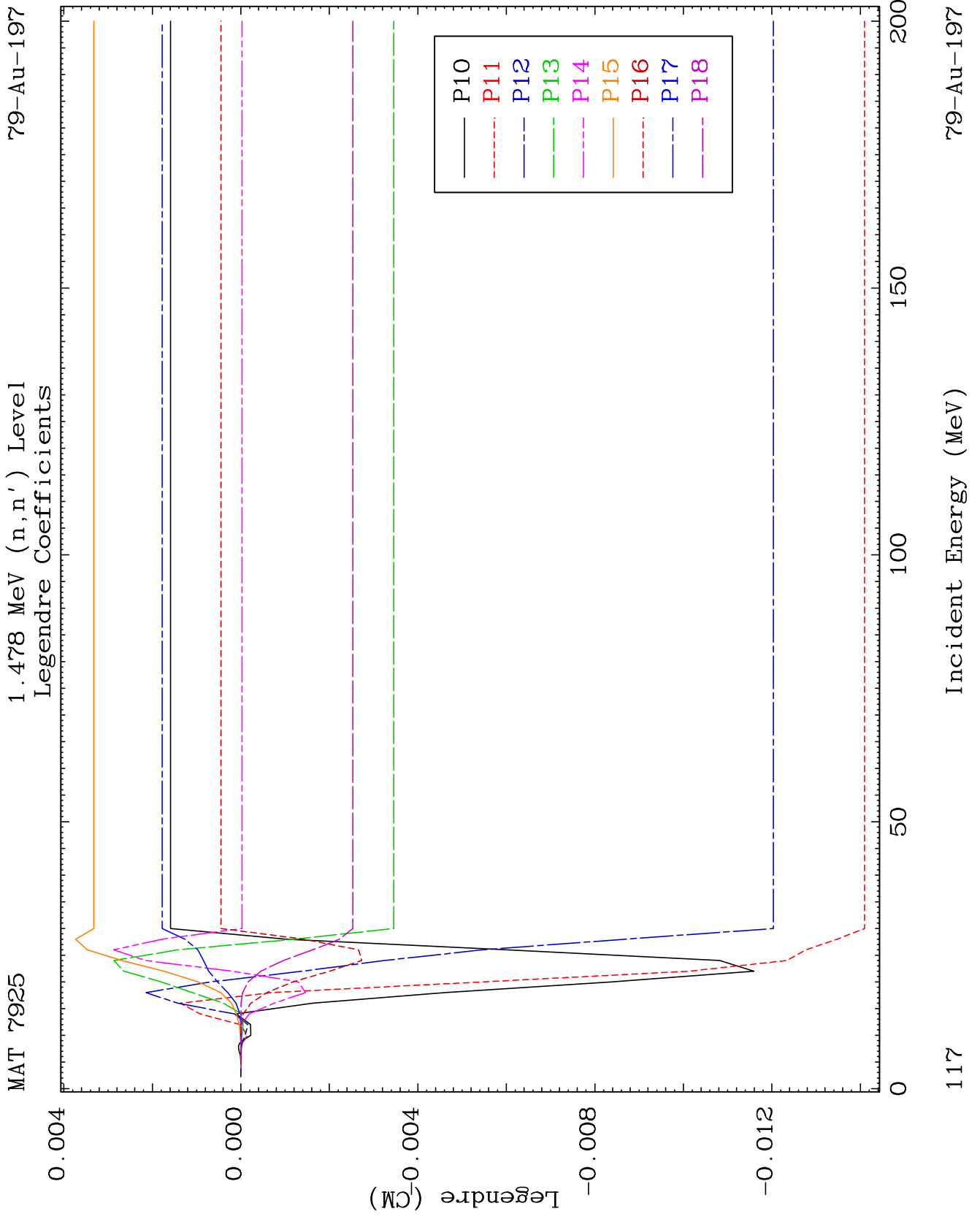
79-Au-197

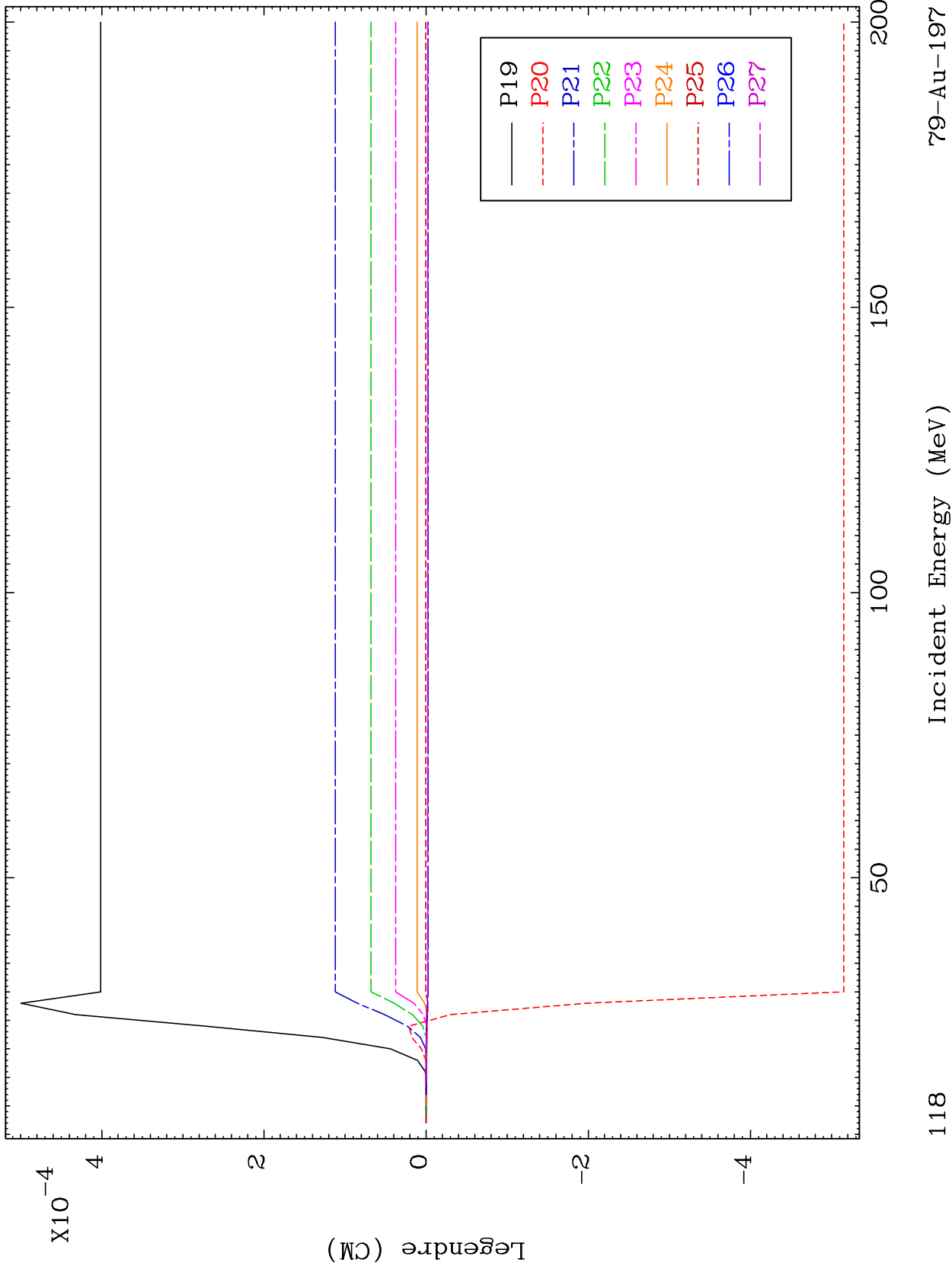


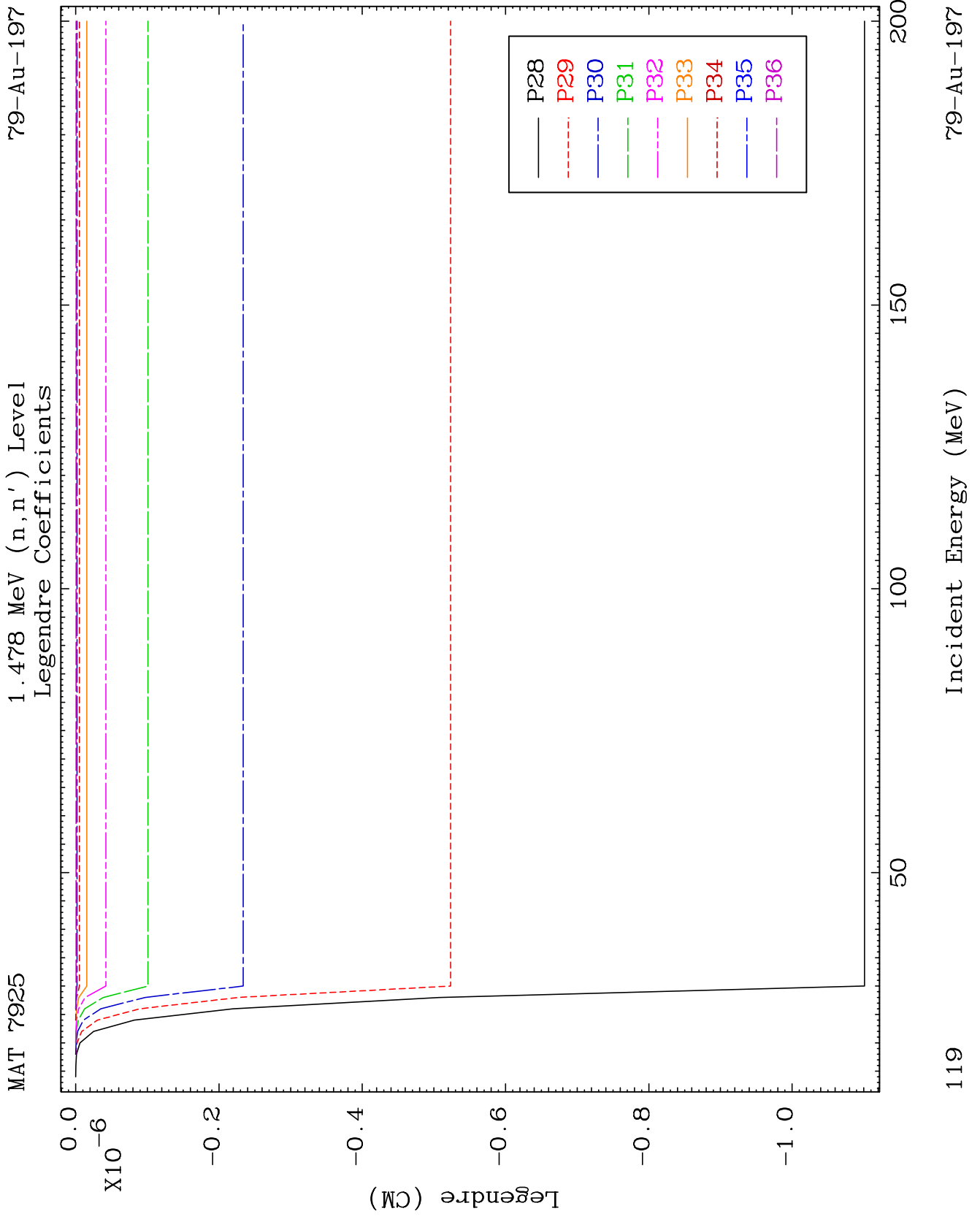
79-Au-197

Incident Energy (MeV)

116



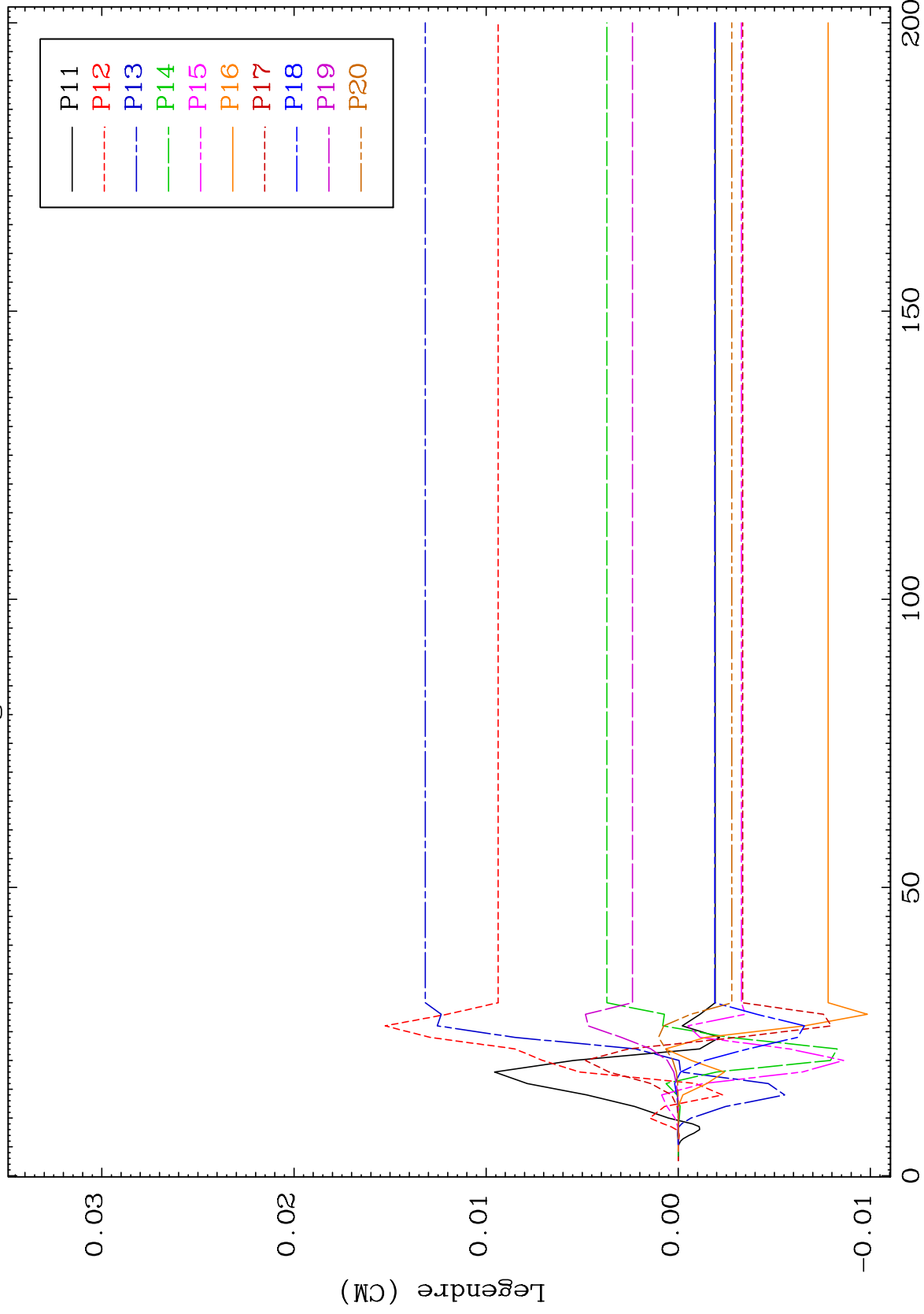




MAT 7925

1.488 MeV (n,n') Level
Legendre Coefficients

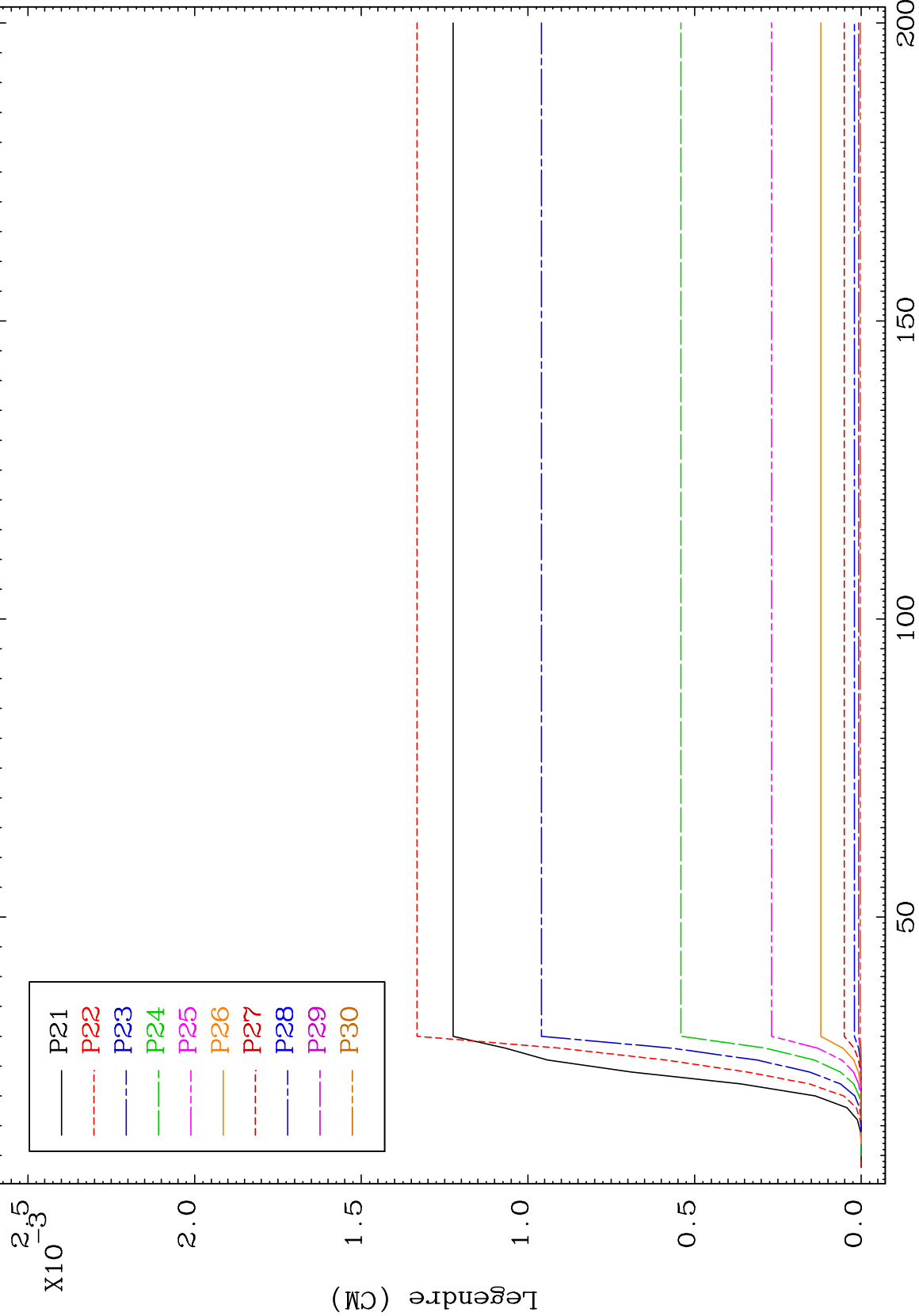
79-Au-197



121

Incident Energy (MeV)

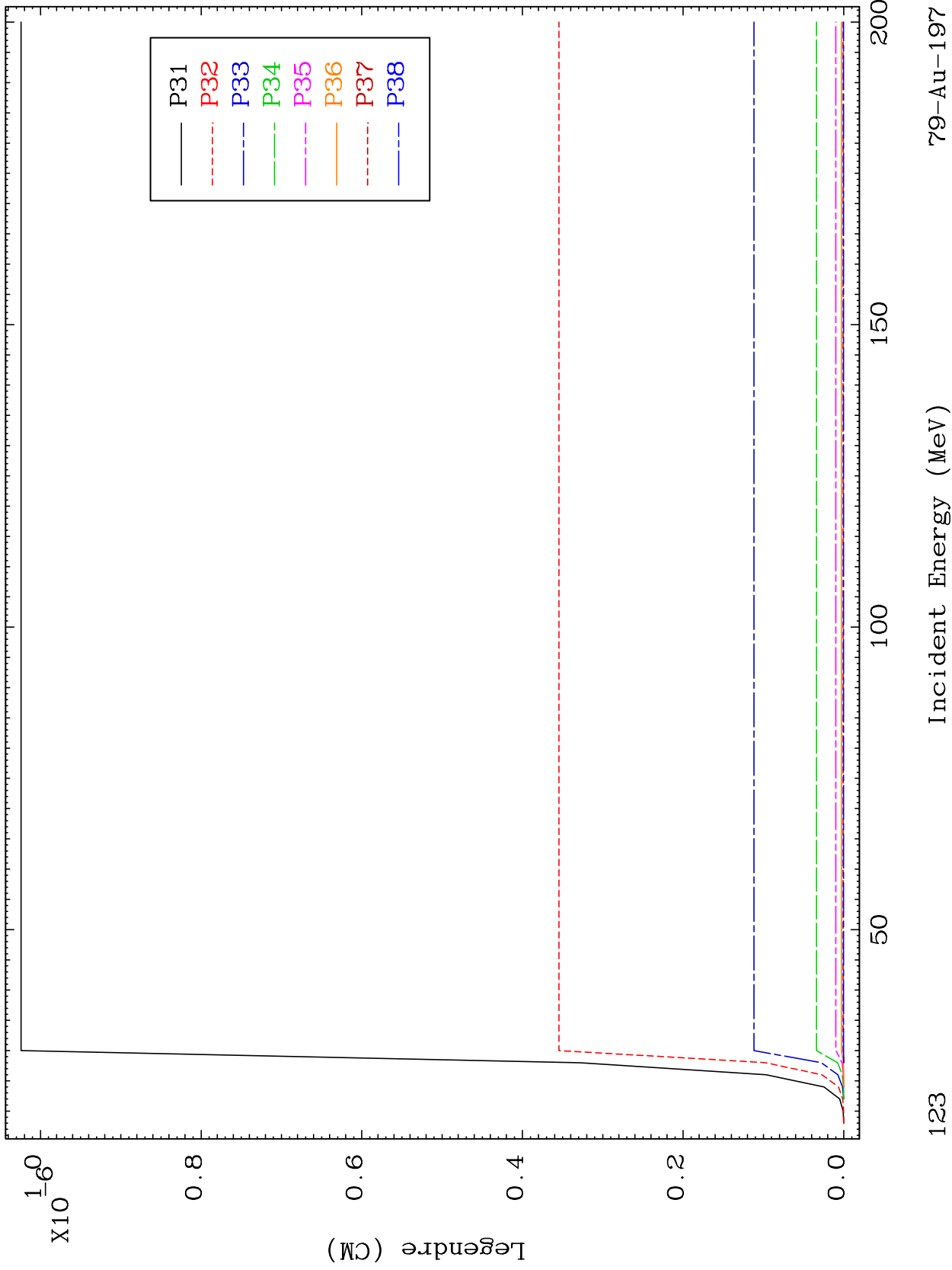
79-Au-197



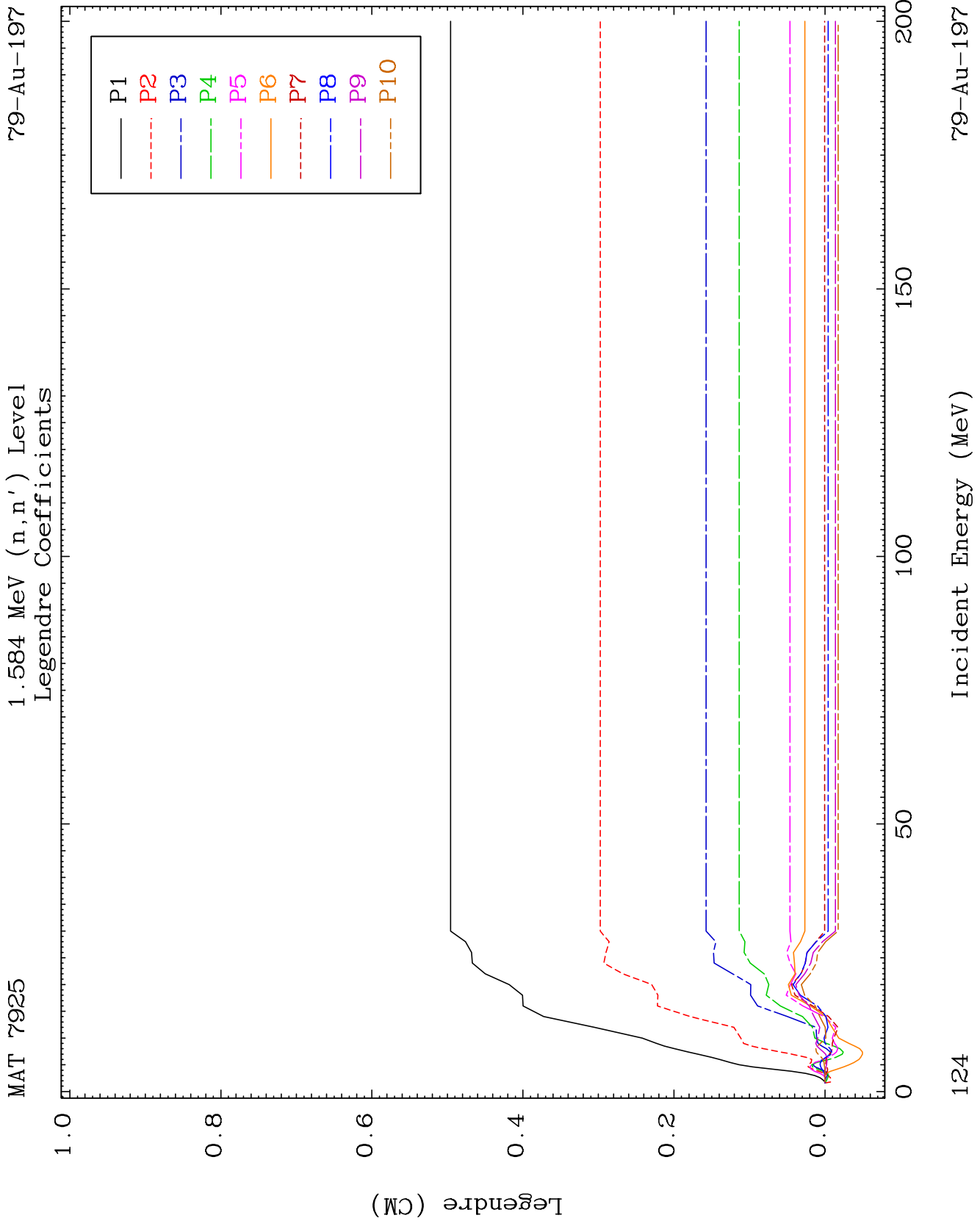
MAT 7925

1.488 MeV (n,n') Level
Legendre Coefficients

79-Au-197



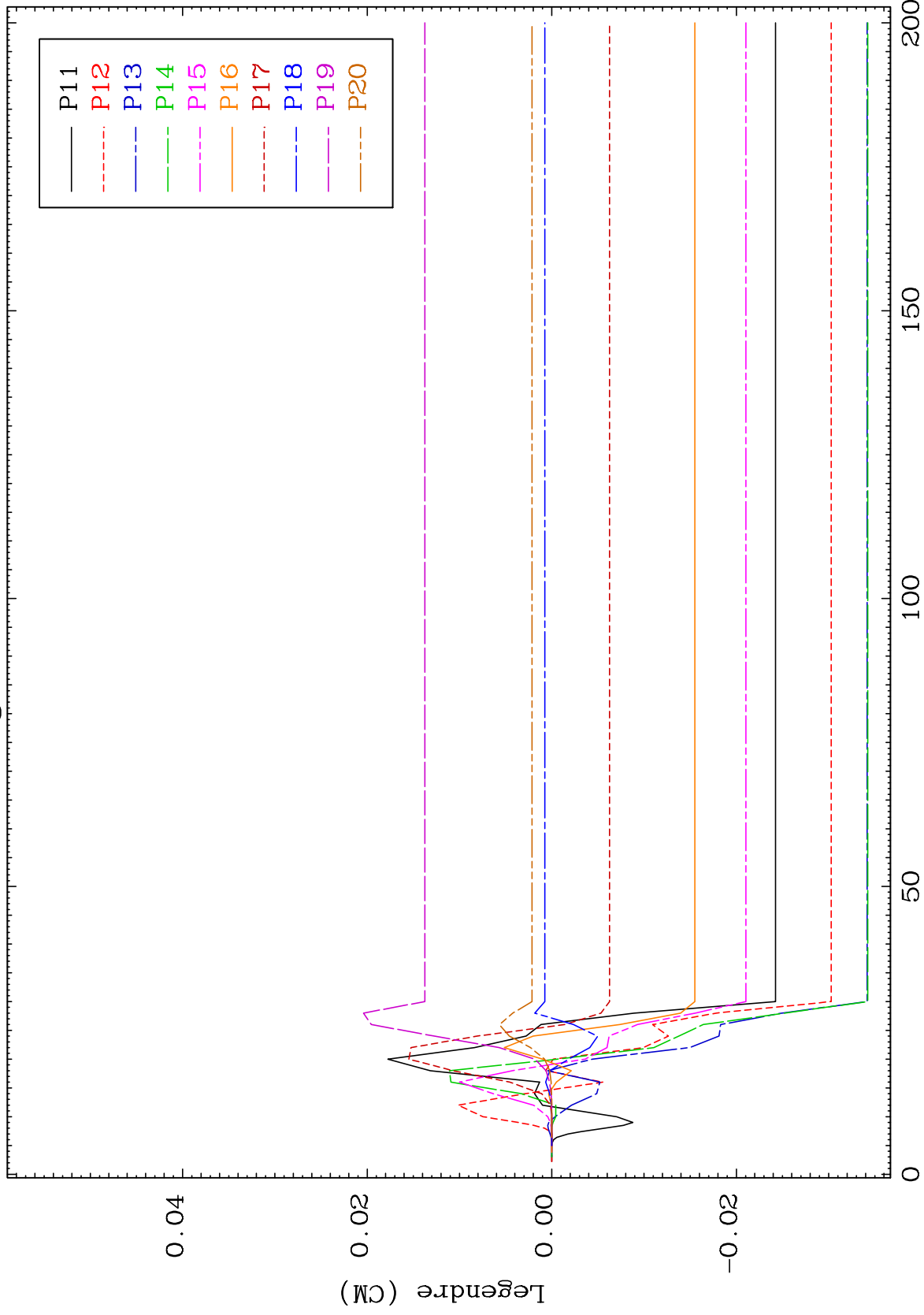
123



MAT 7925

1.584 MeV (n,n') Level
Legendre Coefficients

79-Au-197



125

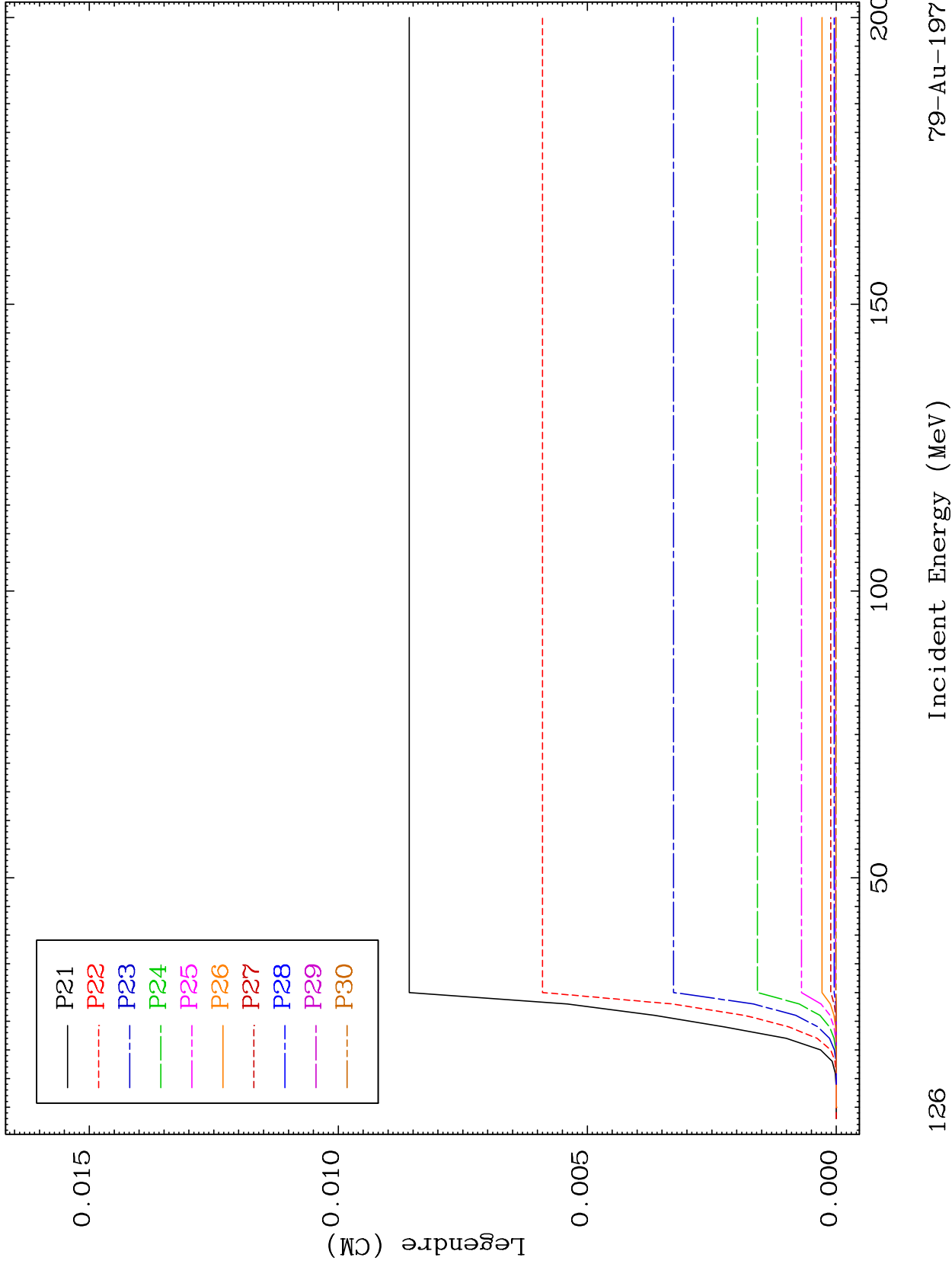
Incident Energy (MeV)

79-Au-197

MAT 7925

1.584 MeV (n,n') Level
Legendre Coefficients

79-Au-197

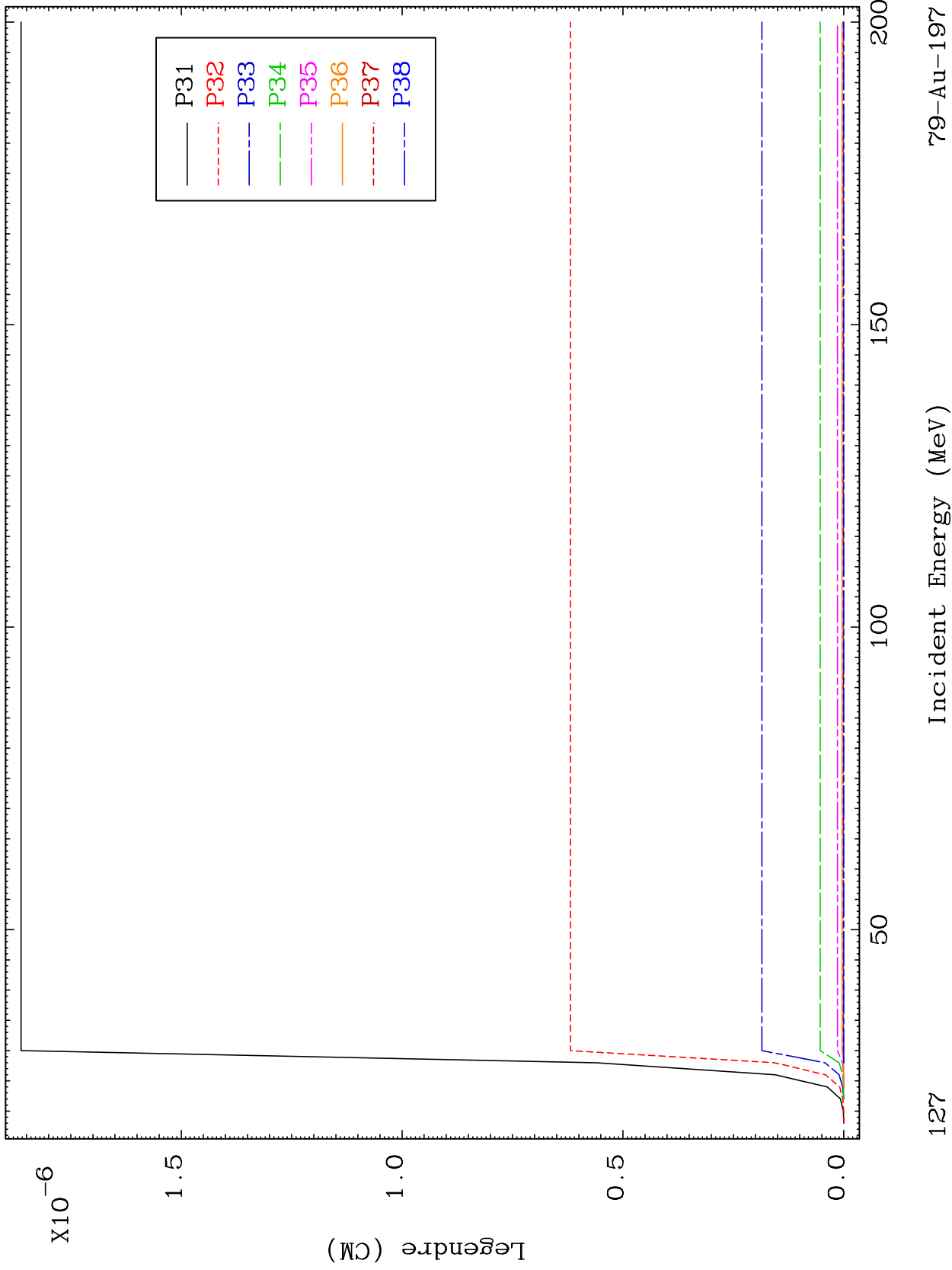


126

MAT 7925

1.584 MeV (n,n') Level
Legendre Coefficients

79-Au-197



127

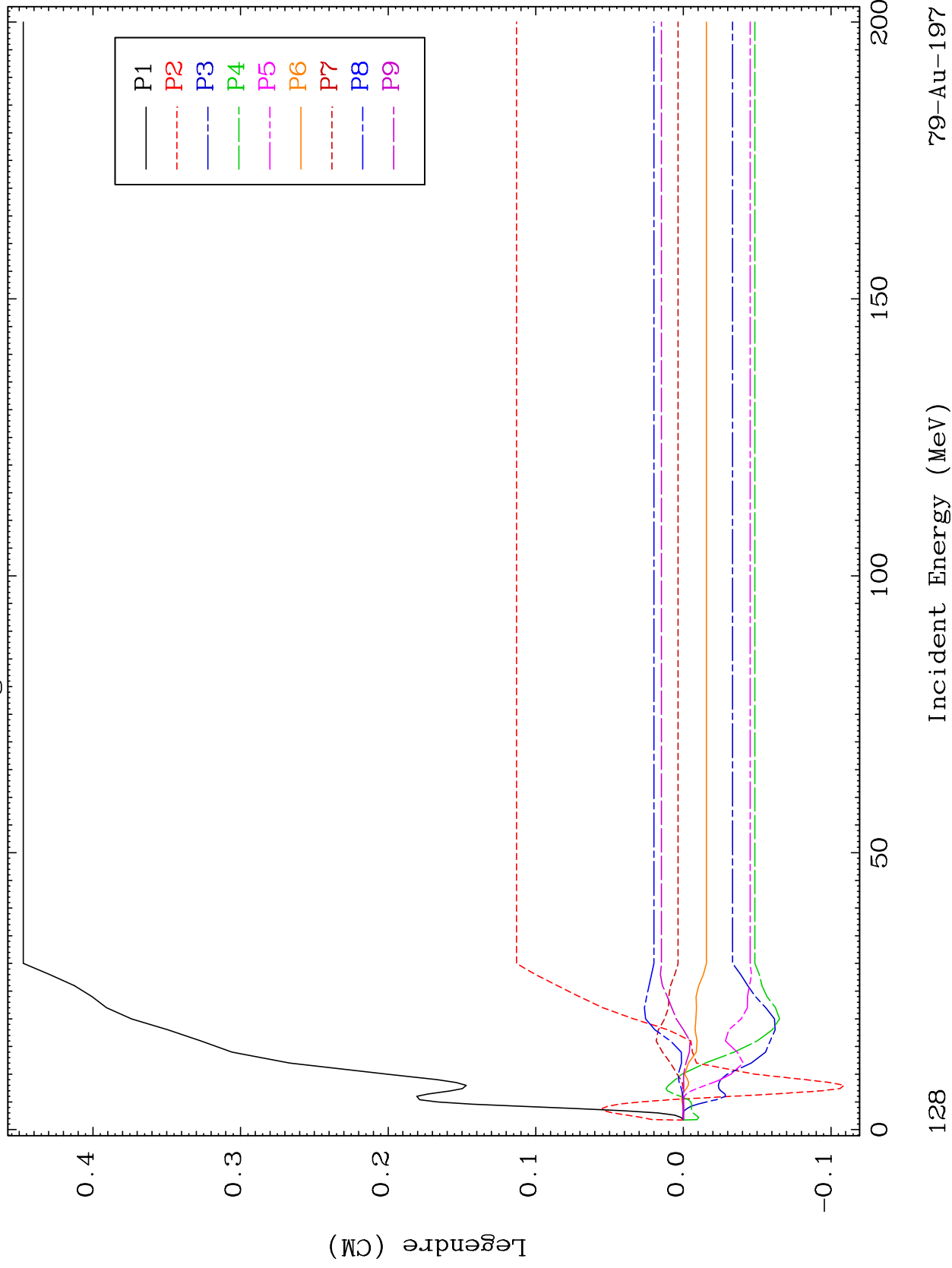
Incident Energy (MeV)

79-Au-197

MAT 7925

1.708 MeV (n,n') Level
Legendre Coefficients

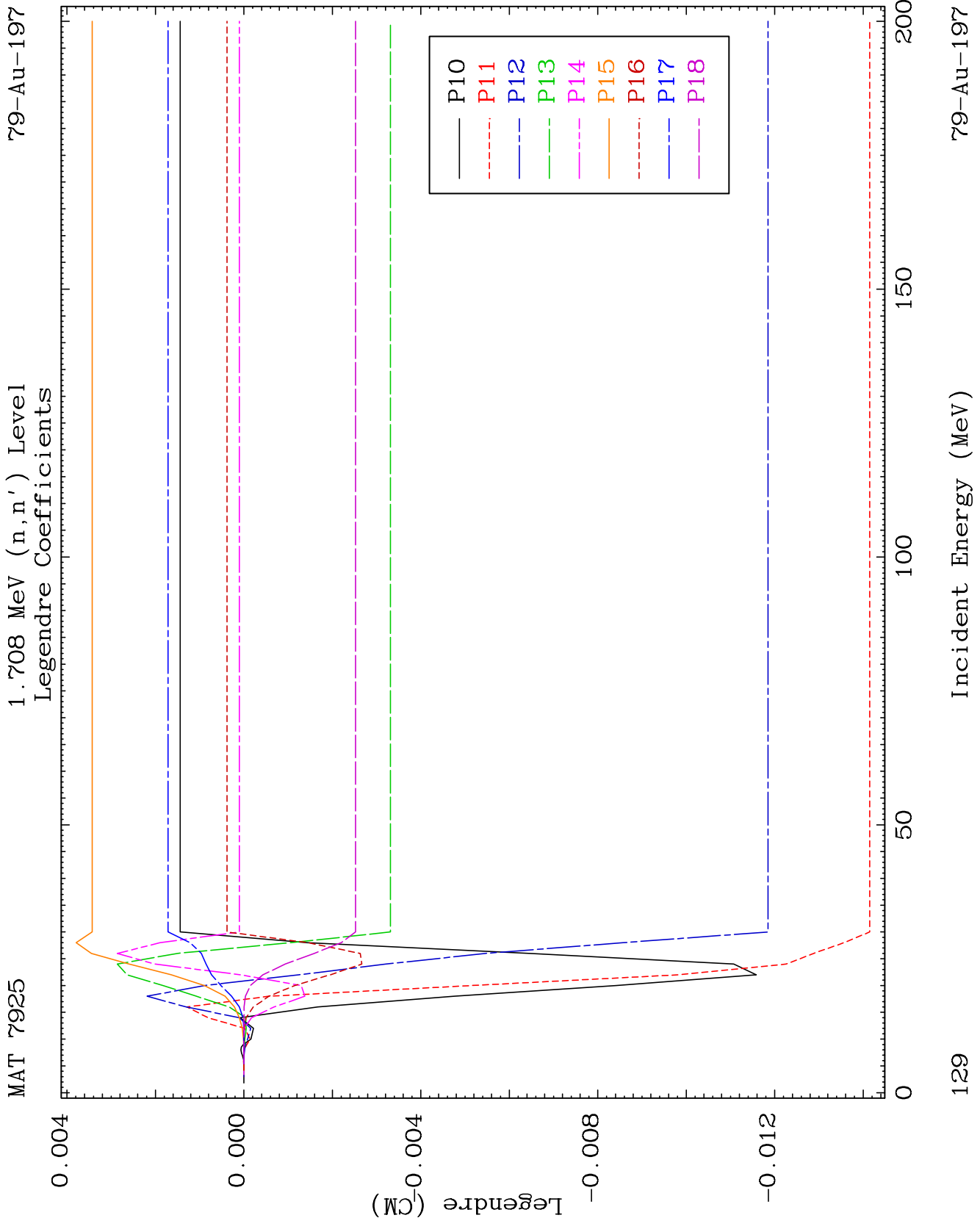
79-Au-197



79-Au-197

Incident Energy (MeV)

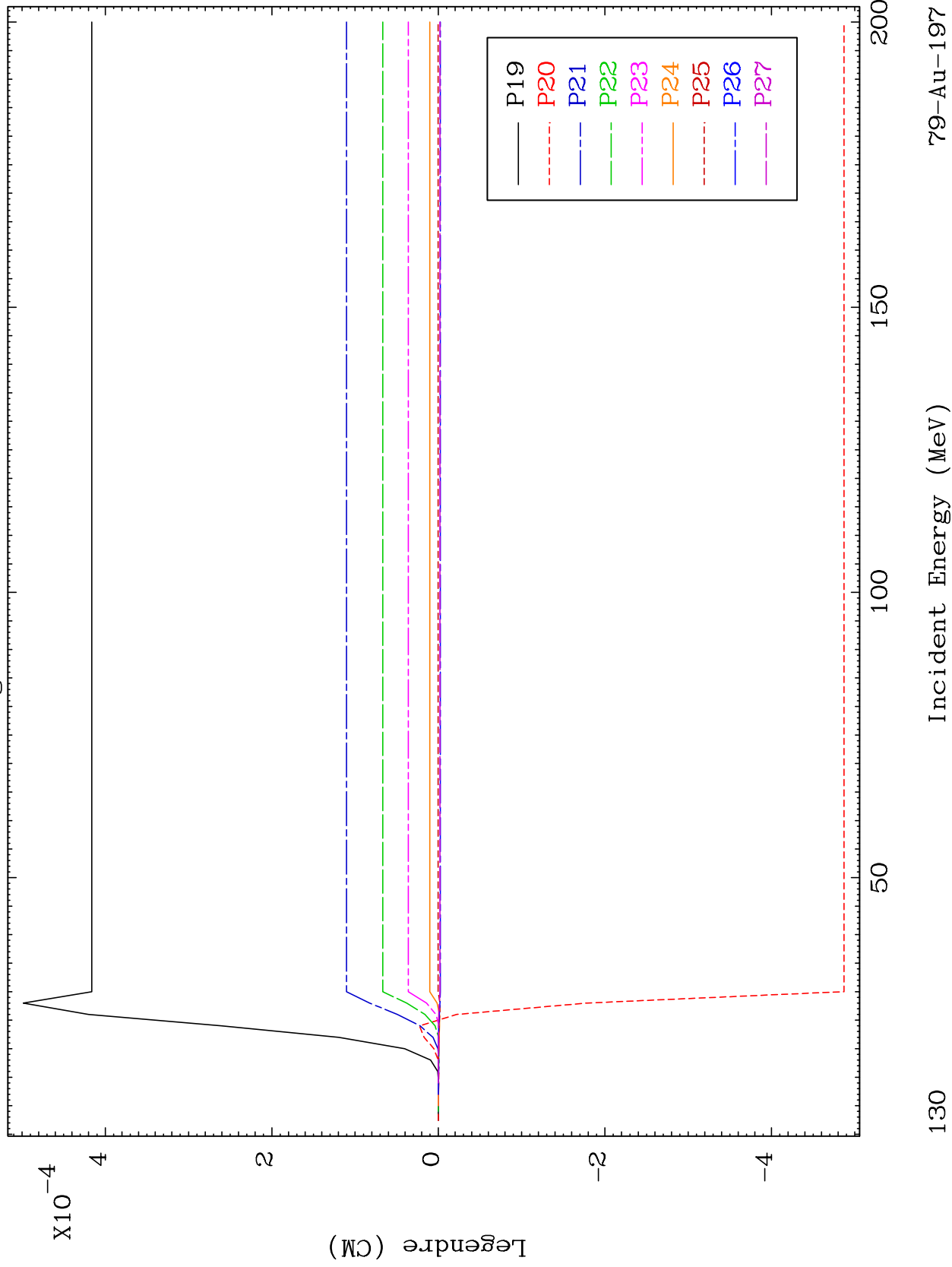
128



MAT 7925

1.708 MeV (n,n') Level
Legendre Coefficients

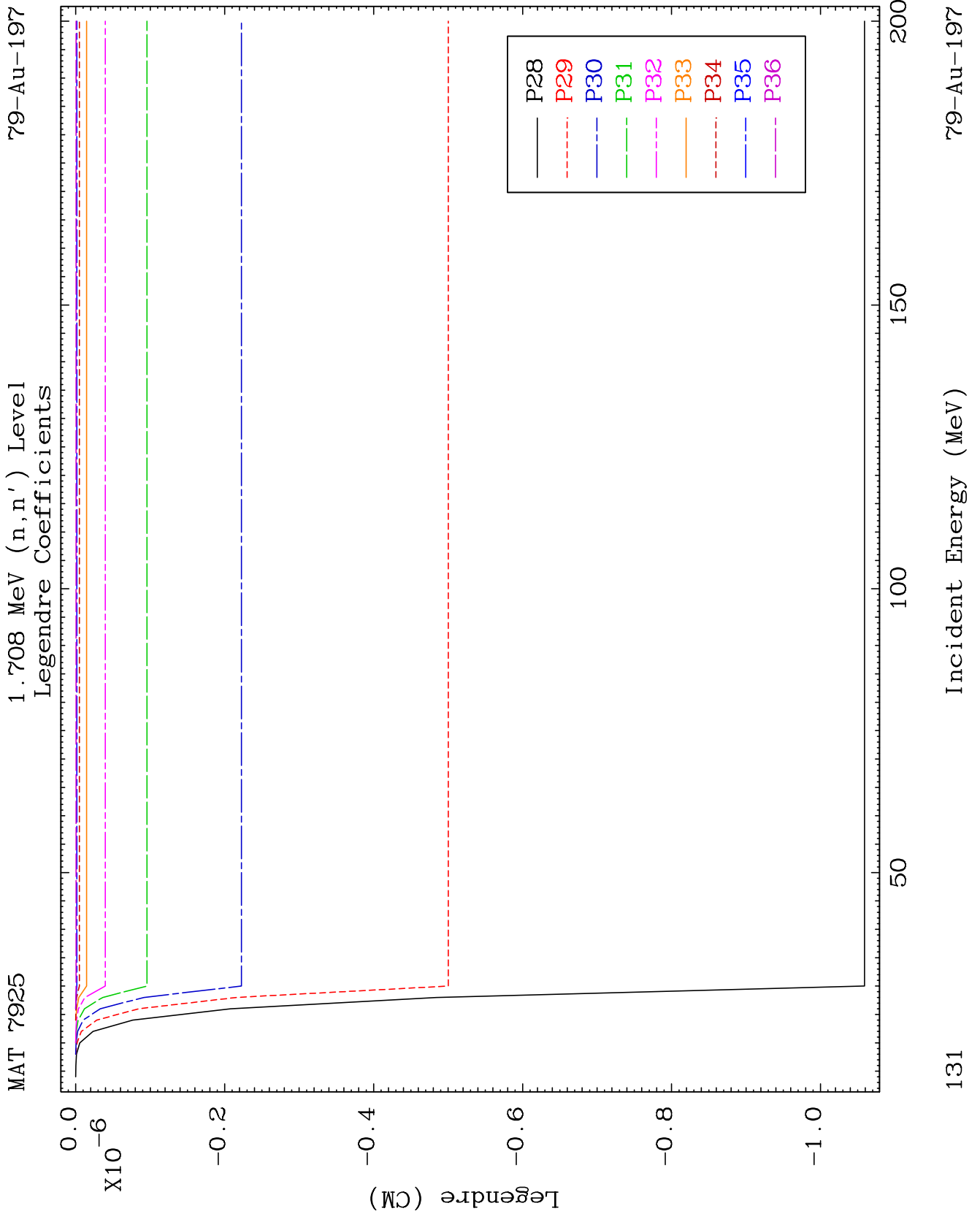
79-Au-197

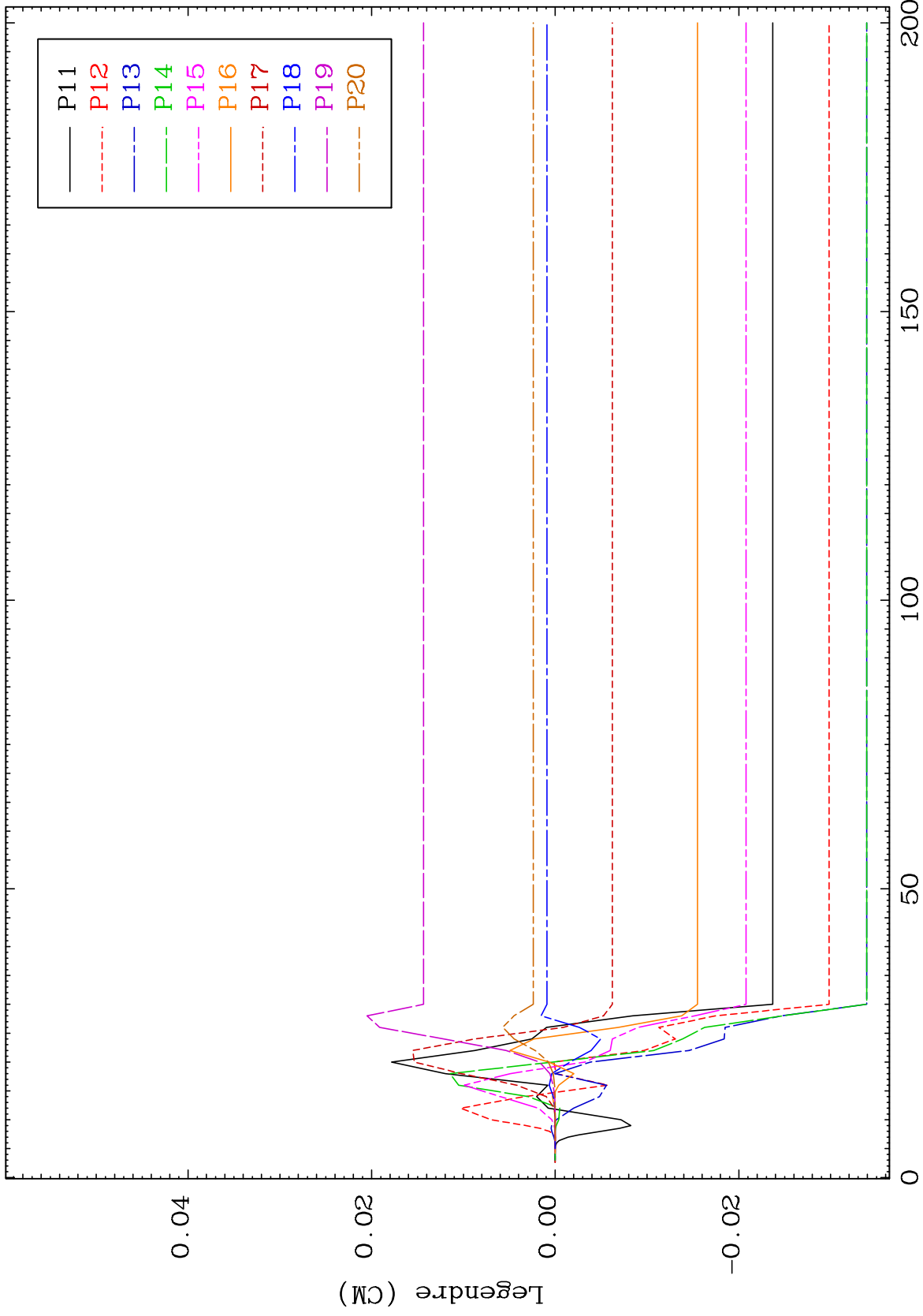


130

Incident Energy (MeV)

79-Au-197

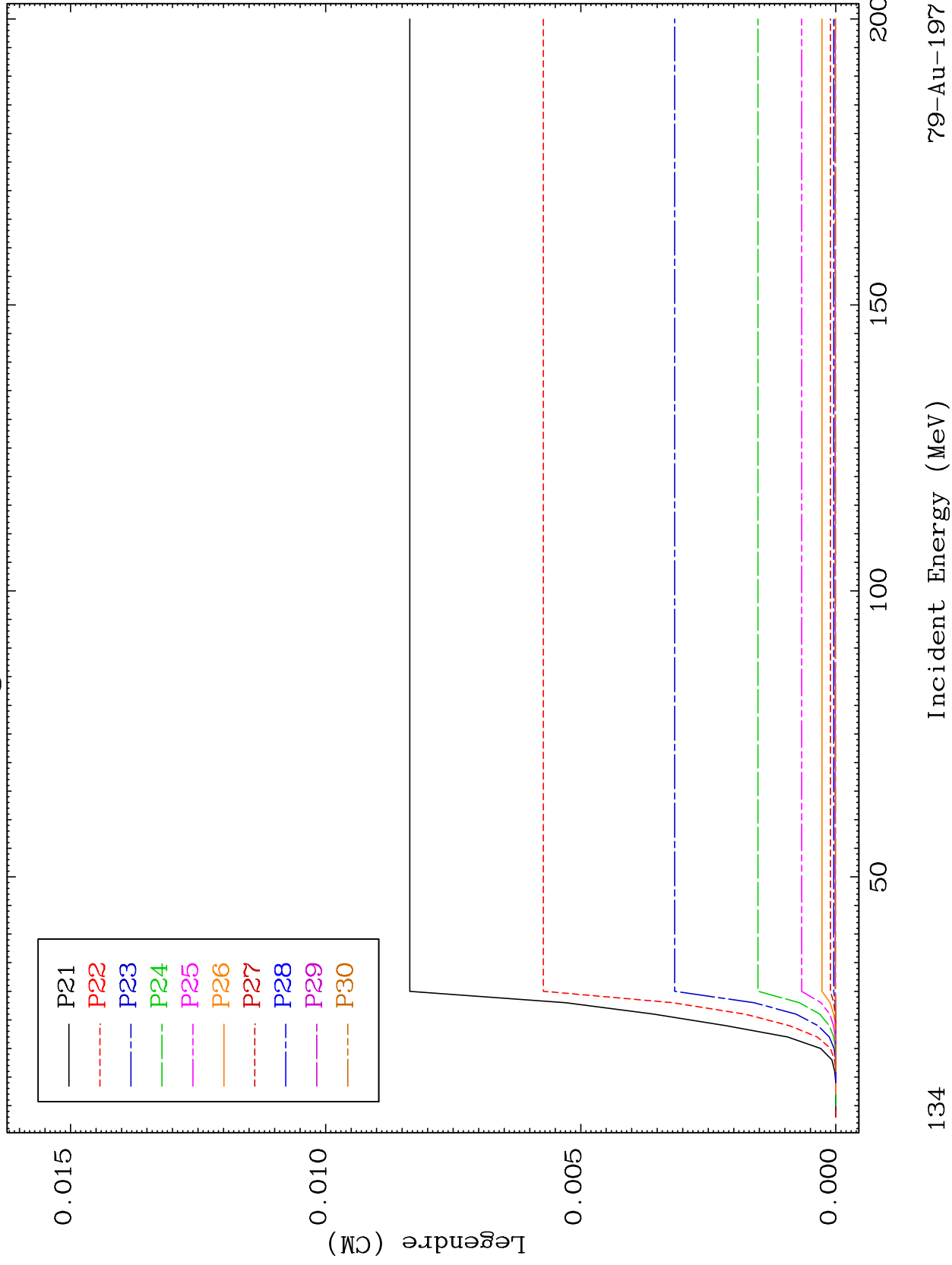




MAT 7925

1.809 MeV (n,n') Level
Legendre Coefficients

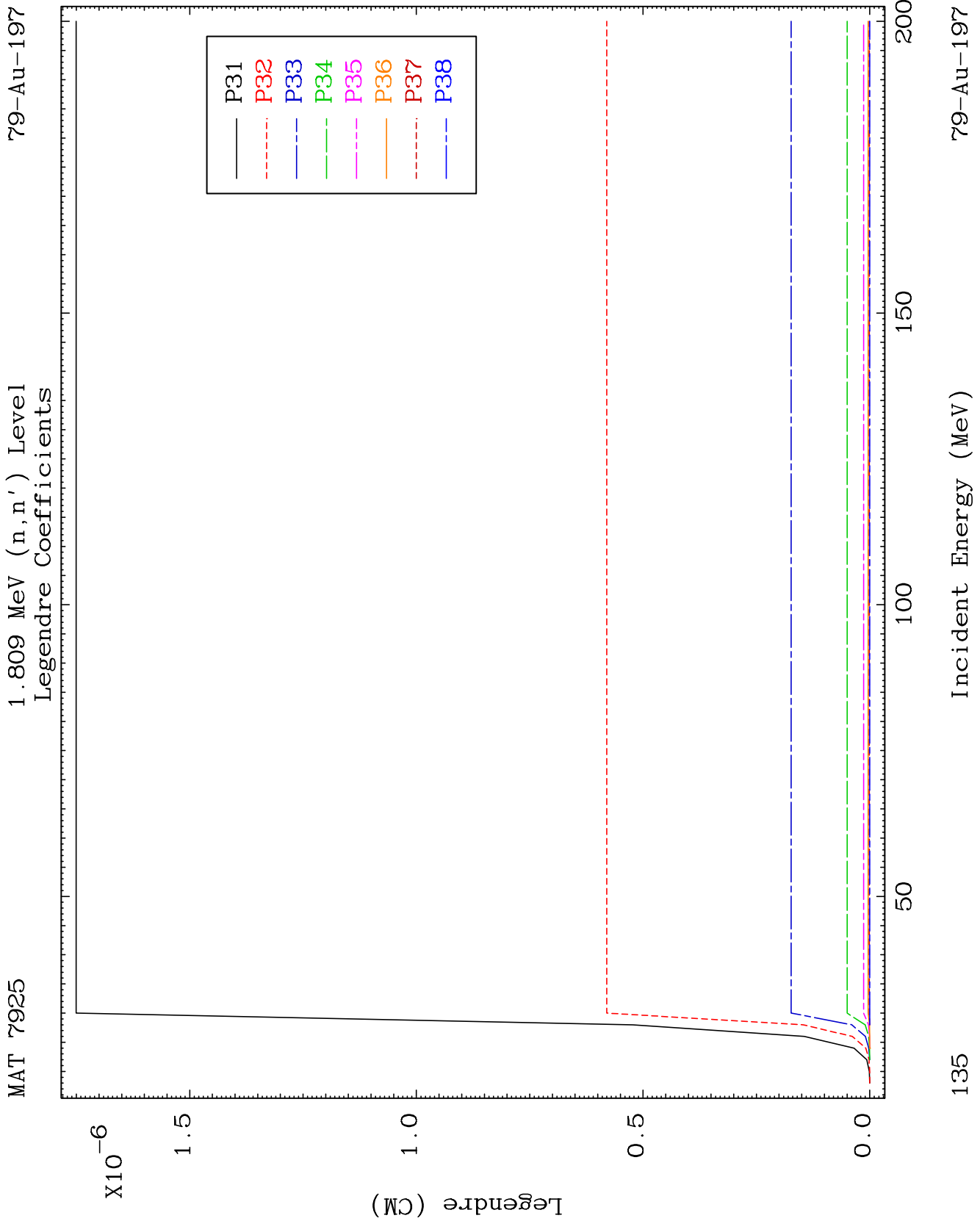
79-Au-197



134

Incident Energy (MeV)

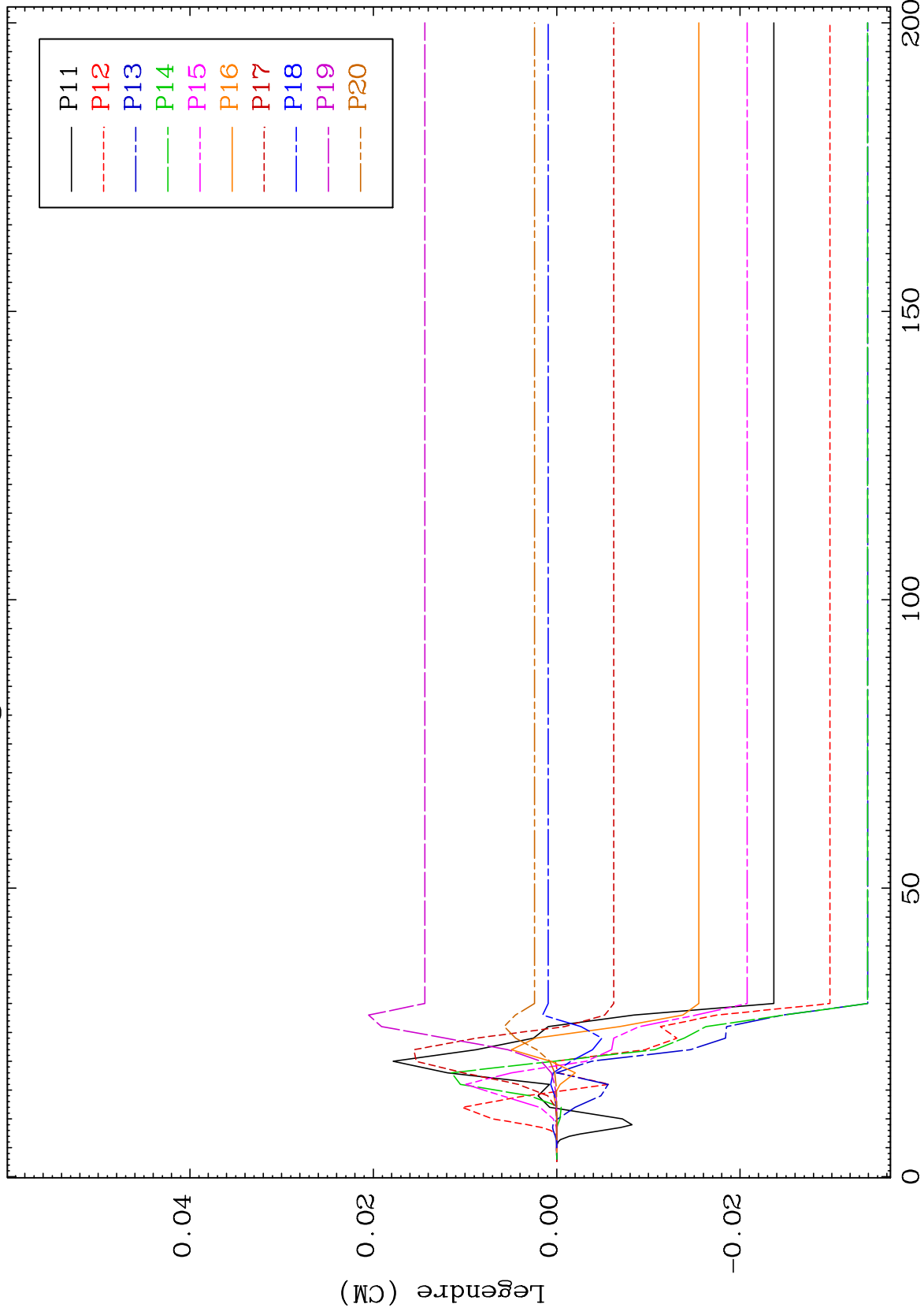
79-Au-197



MAT 7925

1.820 MeV (n,n') Level
Legendre Coefficients

79-Au-197



137

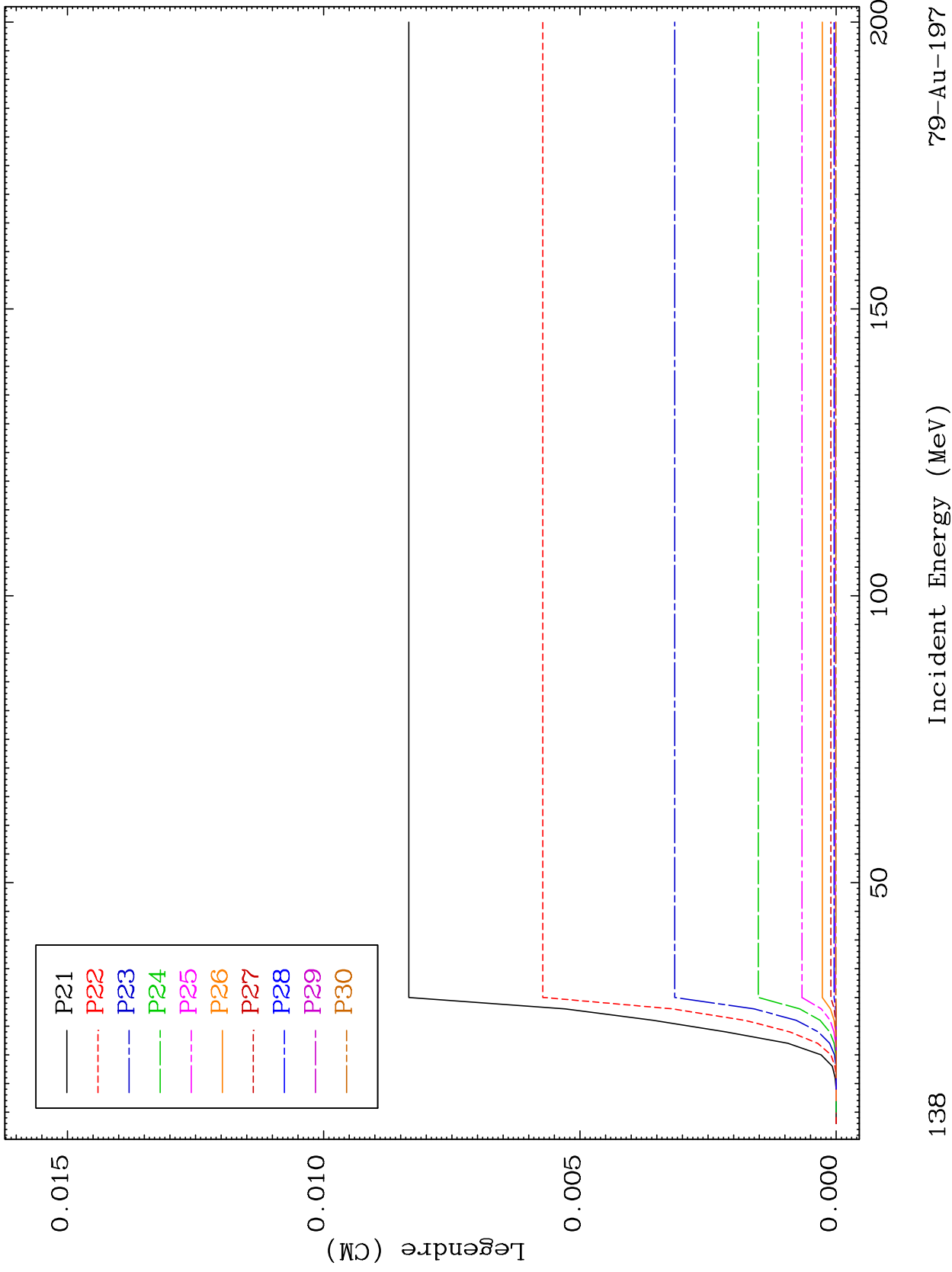
Incident Energy (MeV)

79-Au-197

MAT 7925

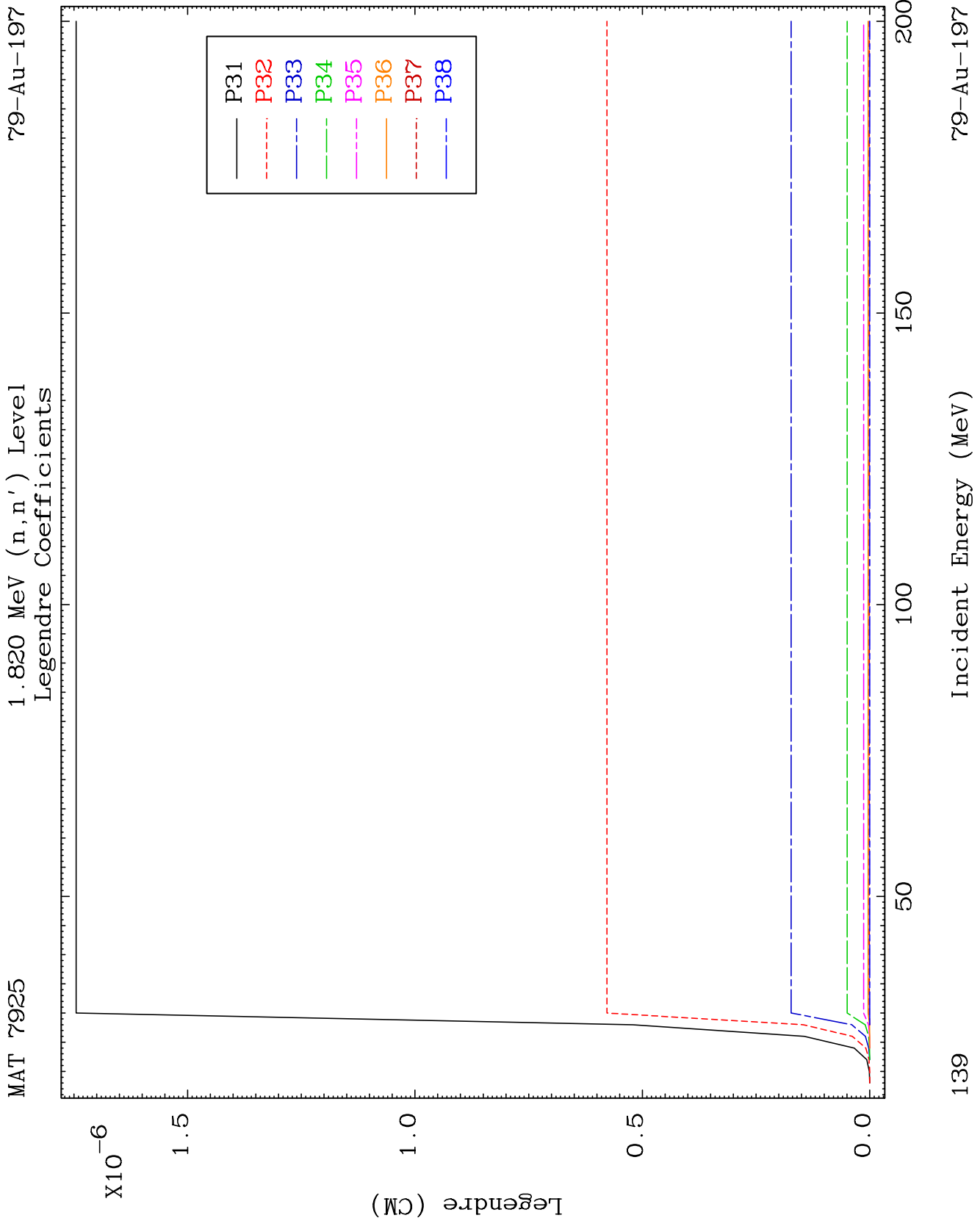
1.820 MeV (n,n') Level
Legendre Coefficients

79-Au-197



138

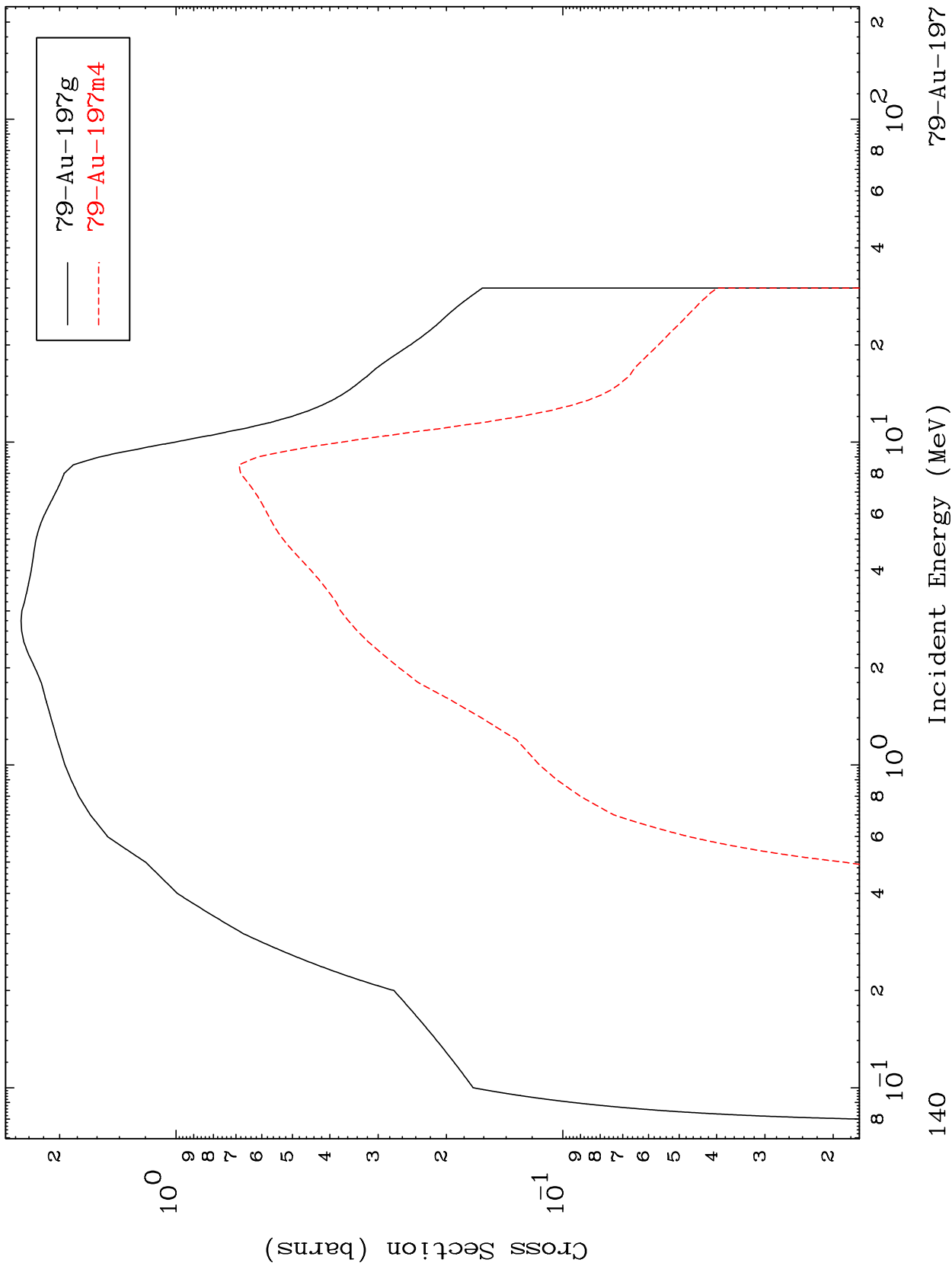
79-Au-197



MAT 7925

79-Au-197

Inelastic
Radionuclide Production Cross Section



140

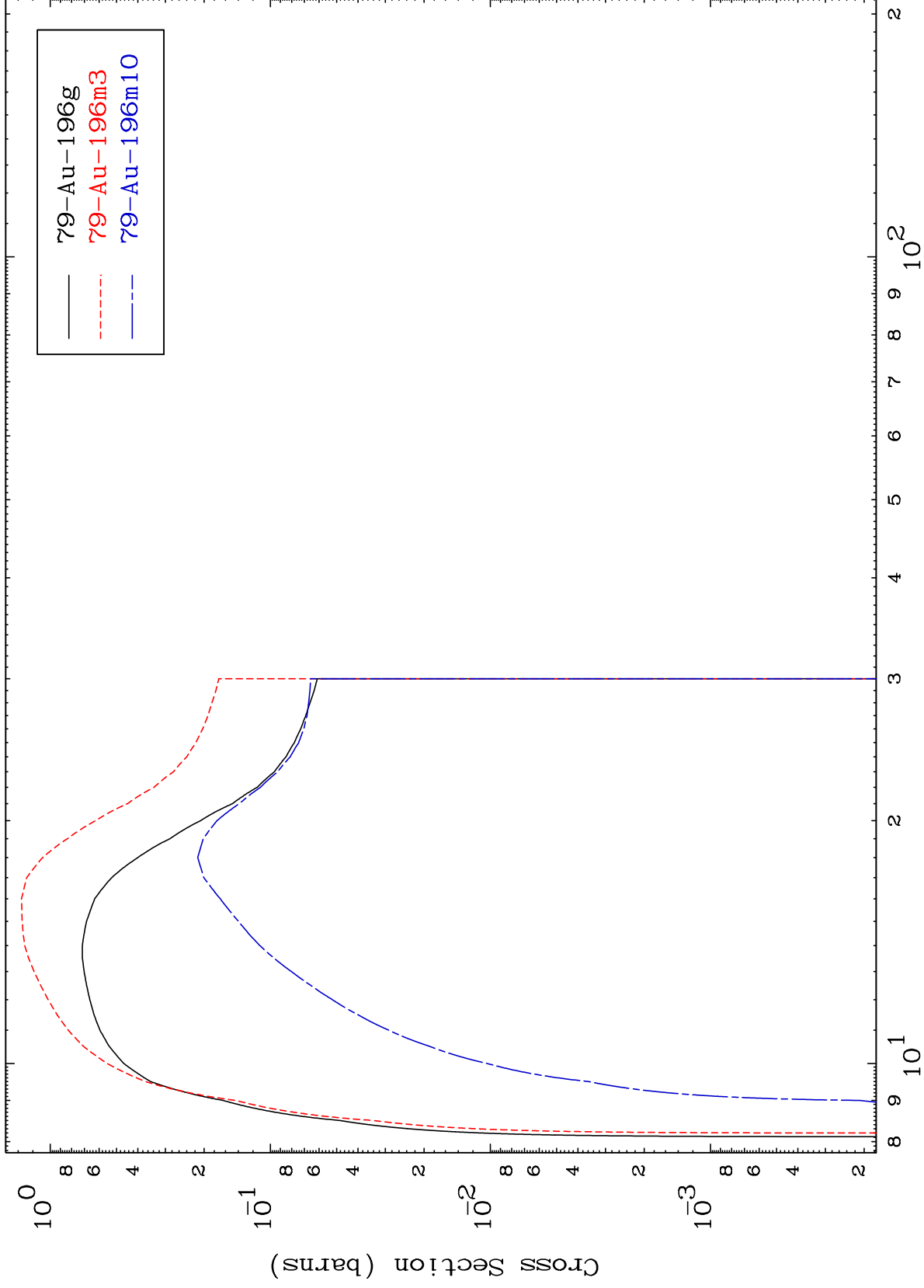
79-Au-197

MAT 7925

(n,2n)

79-Au-197

Radionuclide Production Cross Section



Incident Energy (MeV)

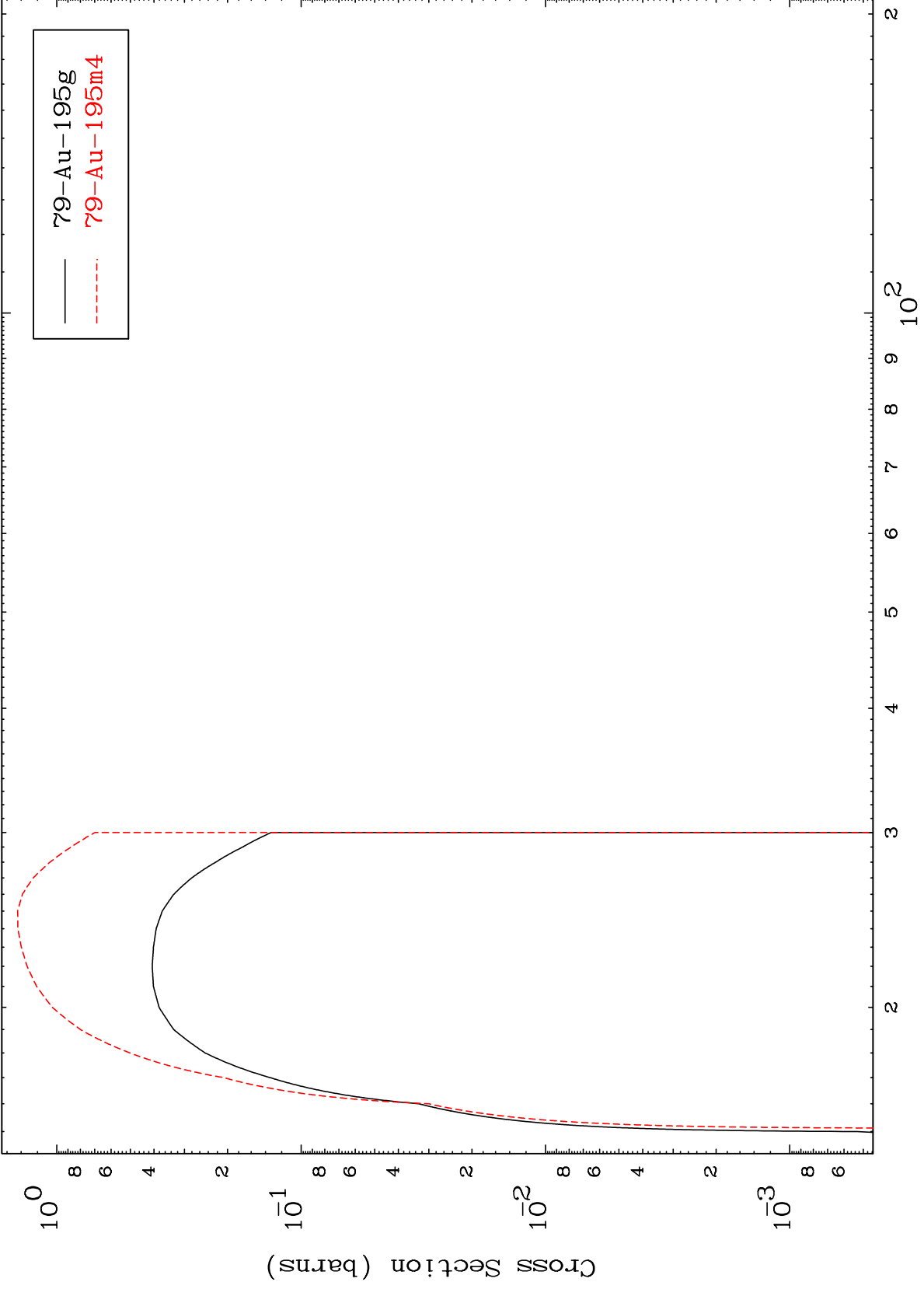
79-Au-197

141

MAT 7925

79-Au-197

(n,3n)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

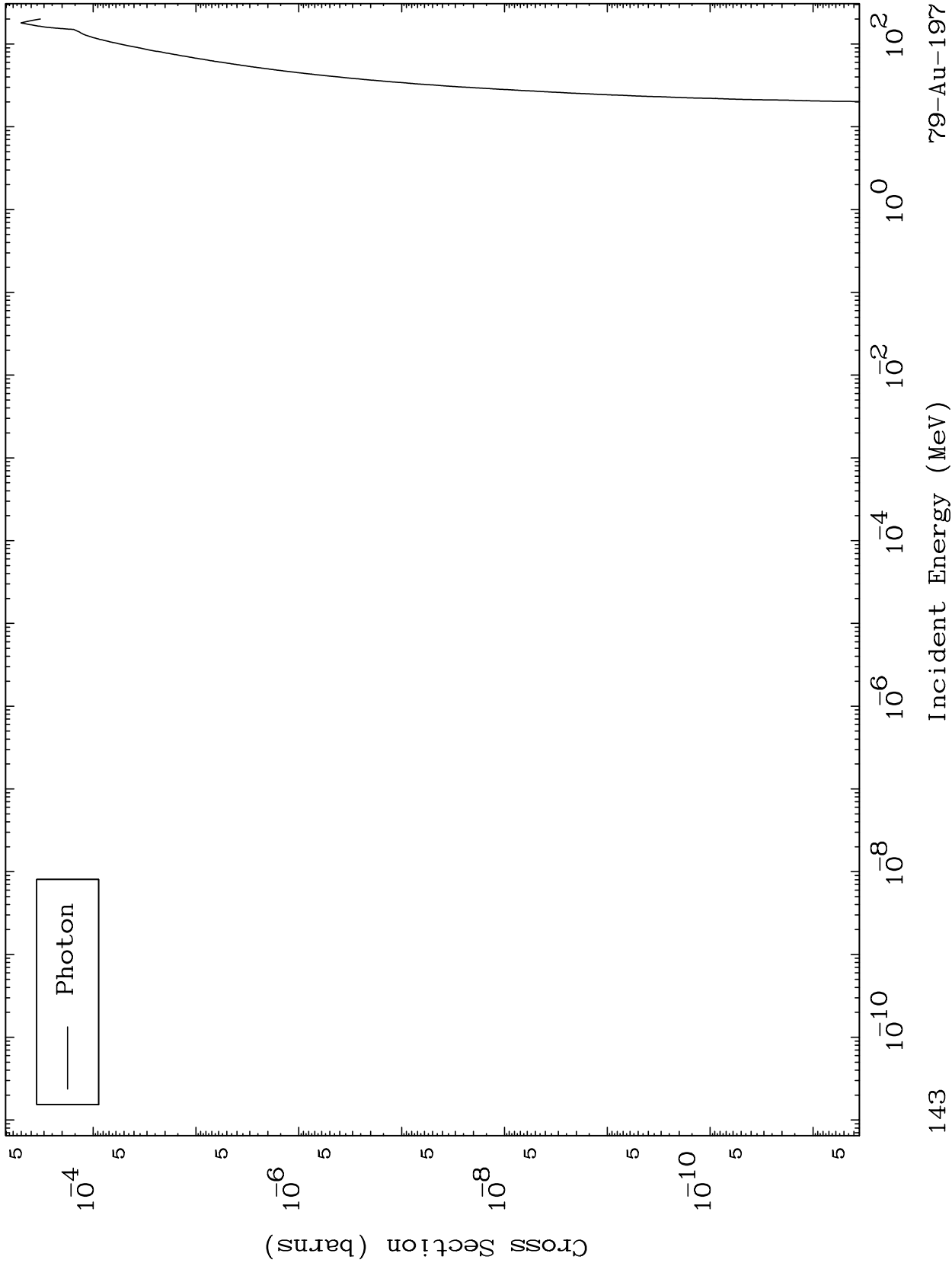
79-Au-197

MAT 7925

Fission

79-Au-197

Radionuclide Production Cross Section



143

Incident Energy (MeV)

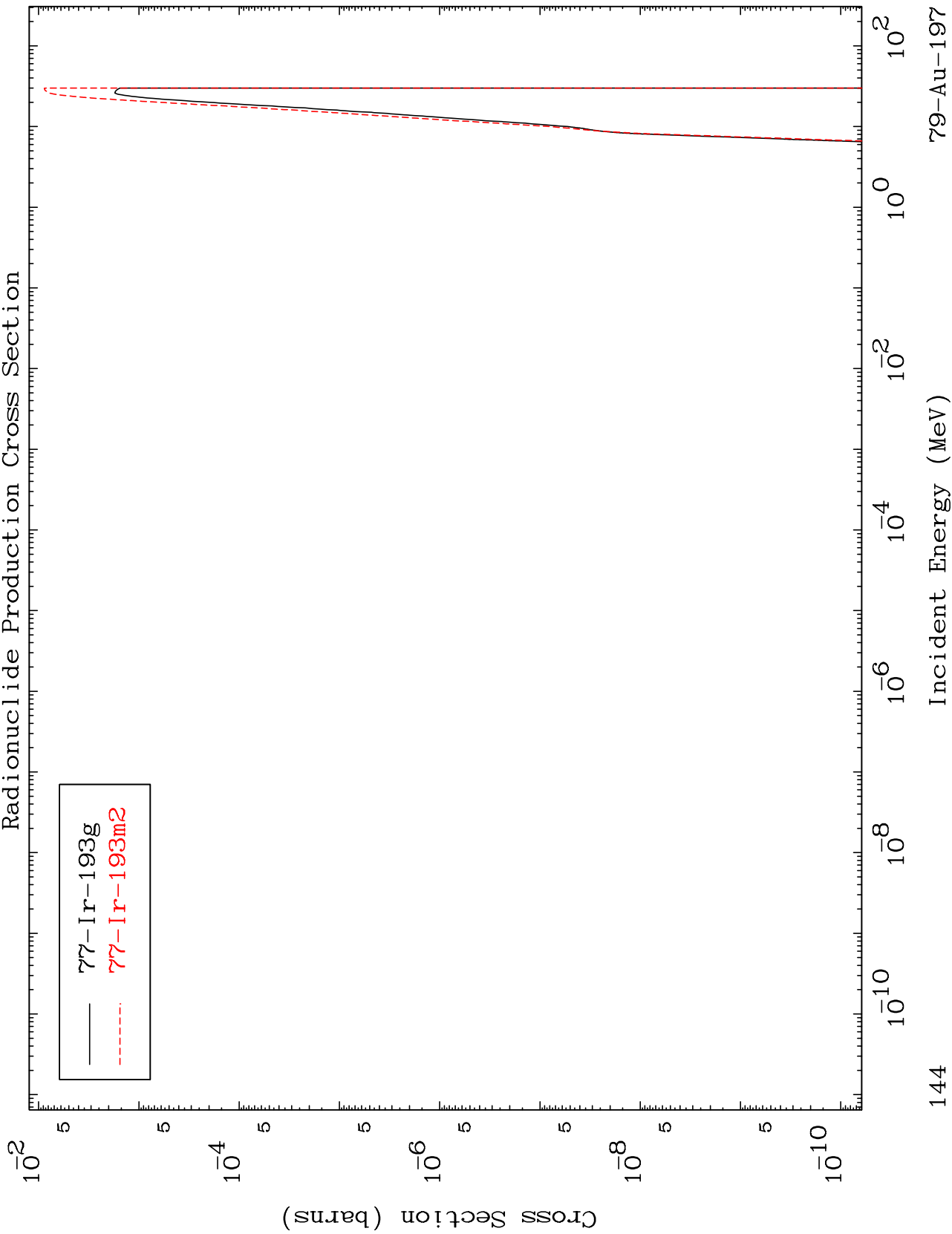
79-Au-197

MAT 7925

$(n, n') \alpha$

79-Au-197

Radionuclide Production Cross Section

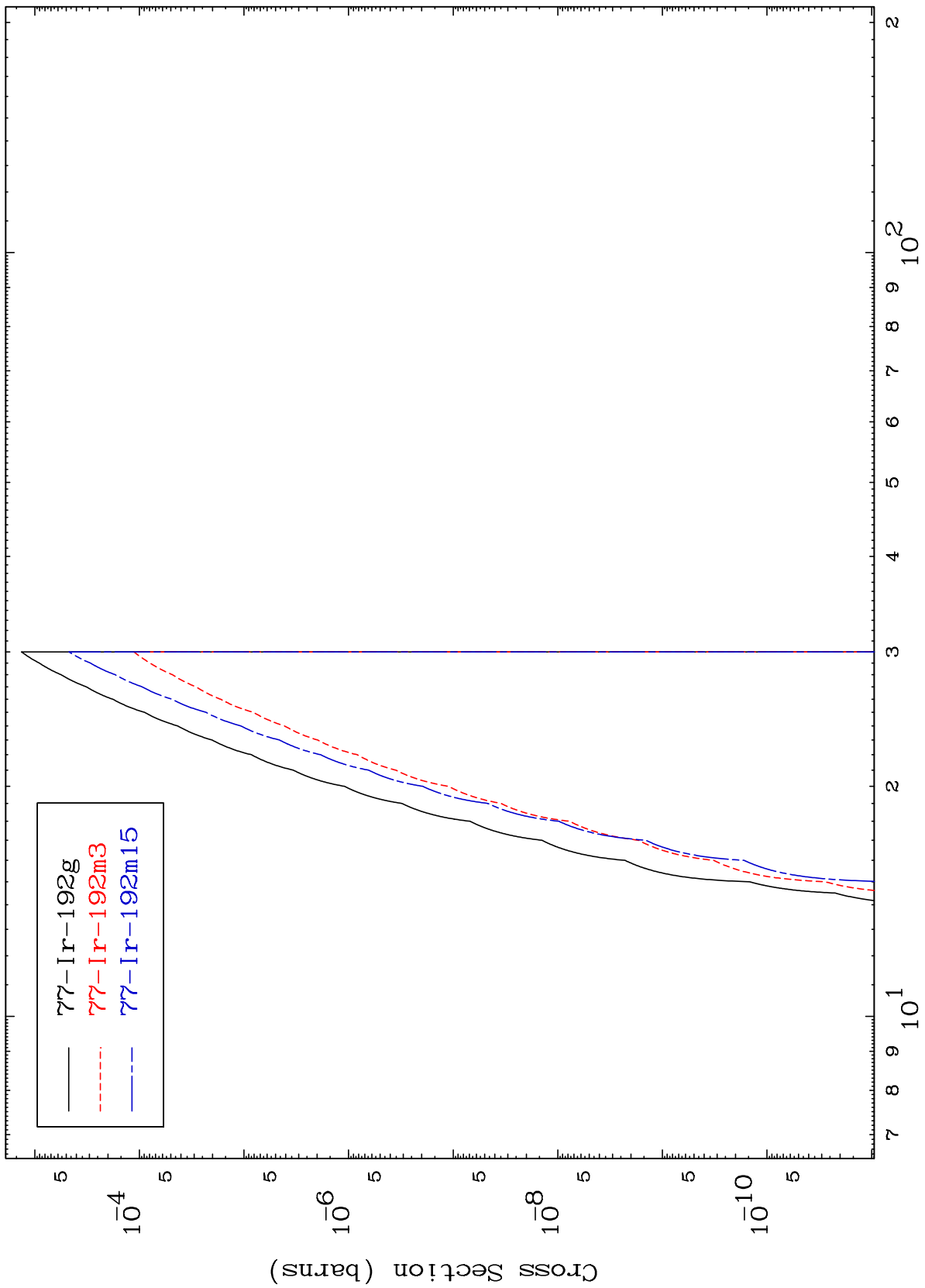


MAT 7925

(n,2n) α

79-Au-197

Radionuclide Production Cross Section

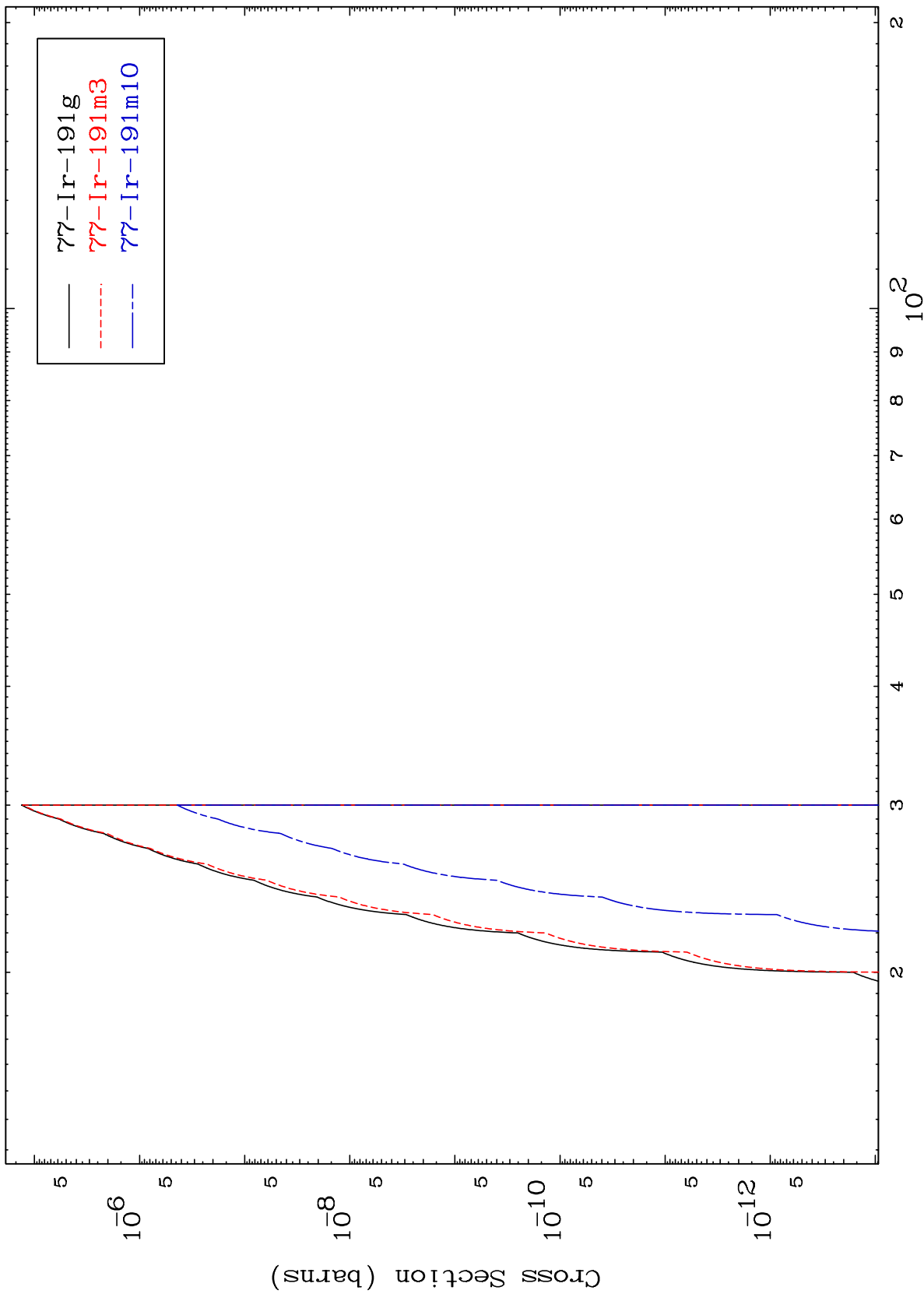


145

Incident Energy (MeV)

79-Au-197

Radionuclide Production Cross Section

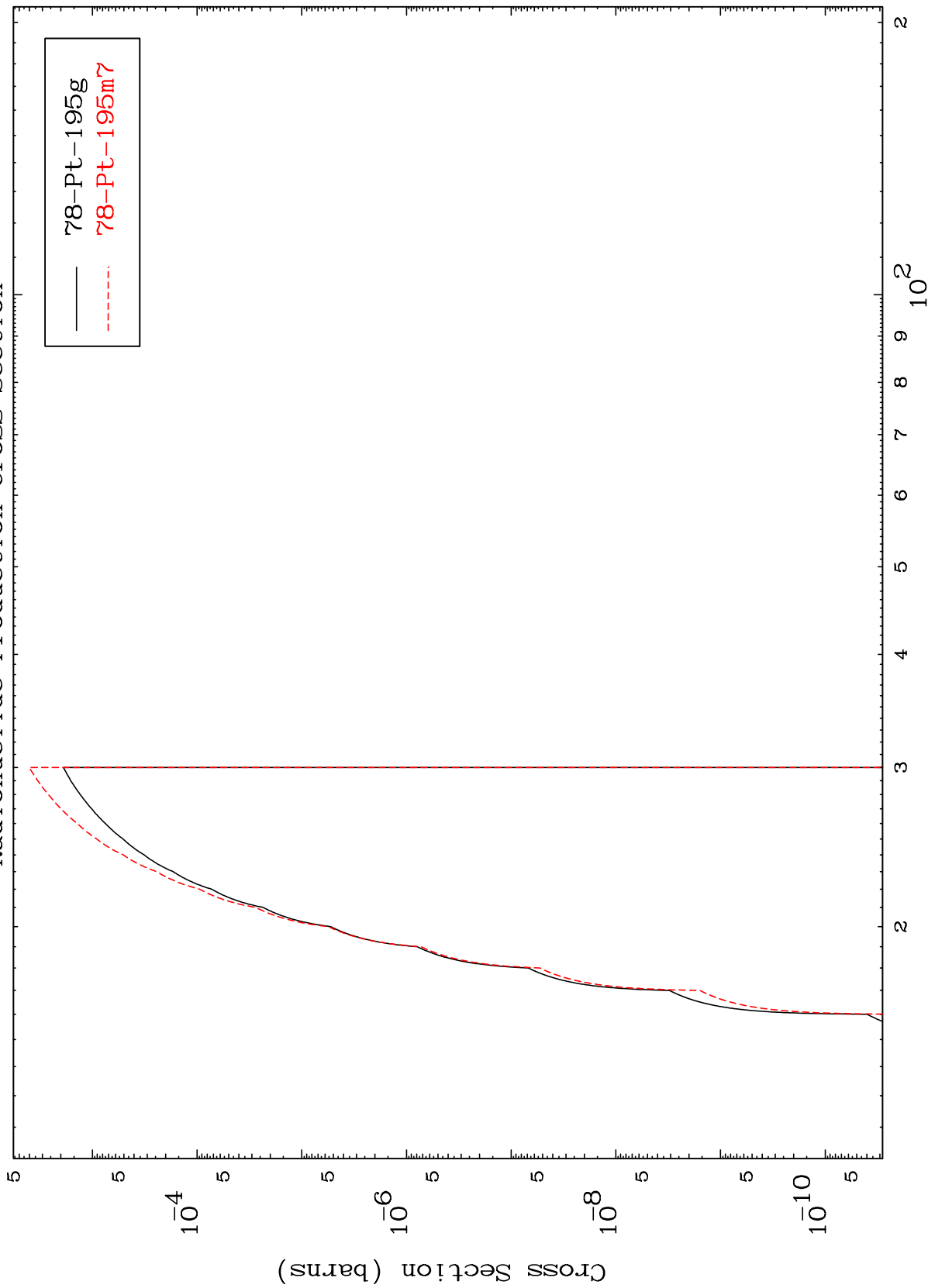


MAT 7925

(n,n') d

79-Au-197

Radionuclide Production Cross Section



147

Incident Energy (MeV)

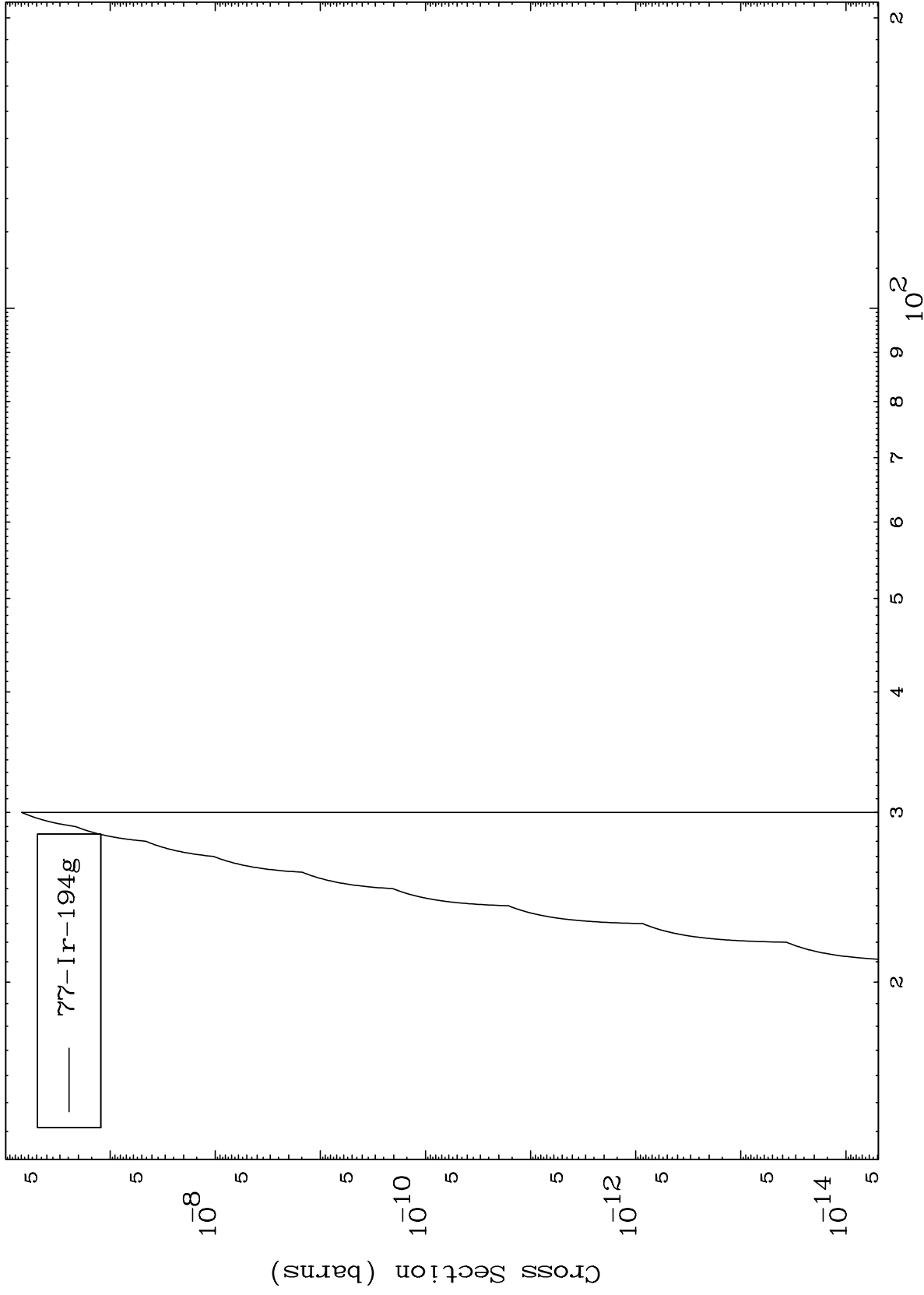
79-Au-197

MAT 7925

(n,n') He-3

79-Au-197

Radionuclide Production Cross Section



148

Incident Energy (MeV)

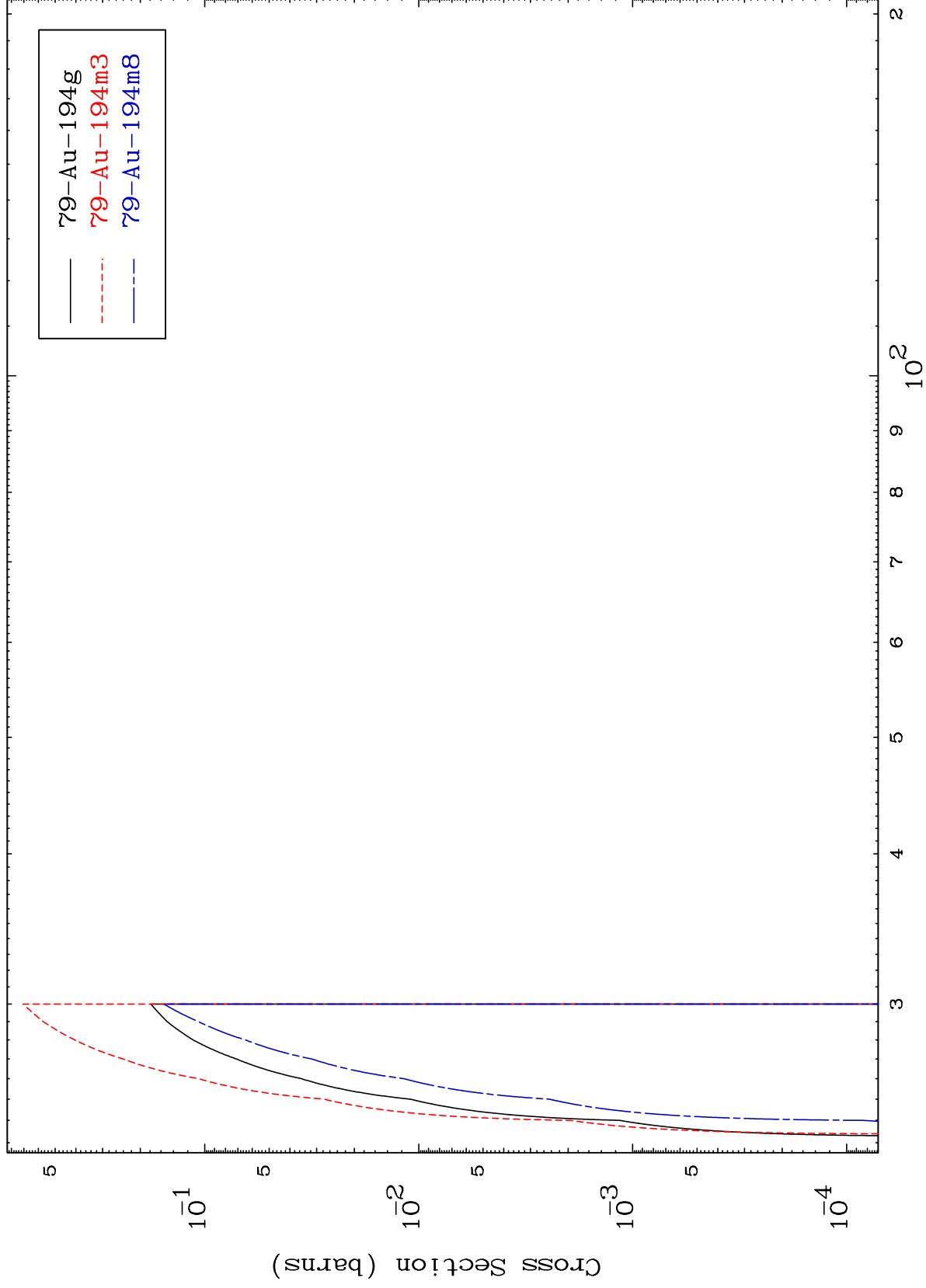
79-Au-197

MAT 7925

(n,4n)

79-Au-197

Radionuclide Production Cross Section



149

Incident Energy (MeV)

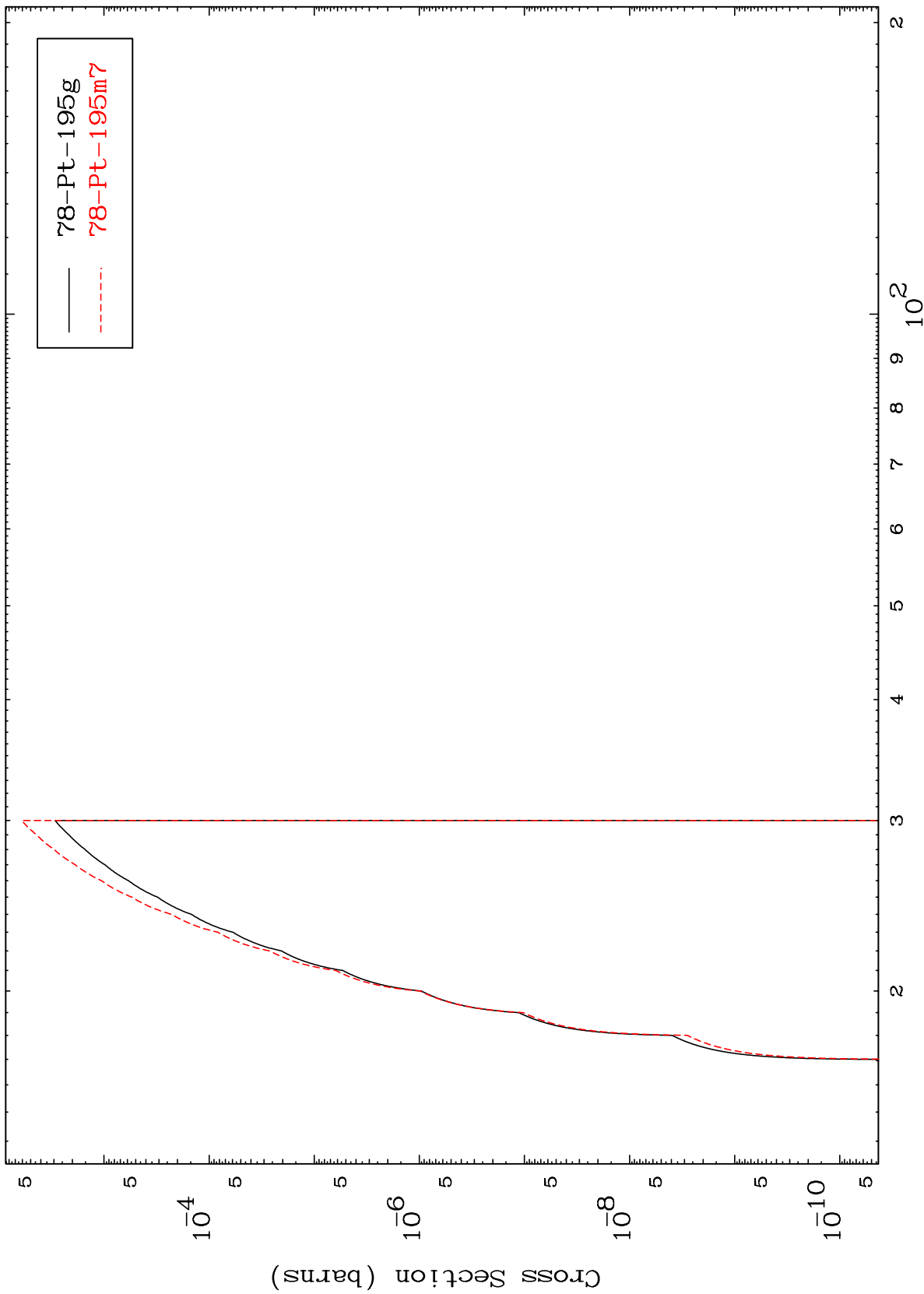
79-Au-197

MAT 7925

(n,2n) p

79-Au-197

Radionuclide Production Cross Section



150

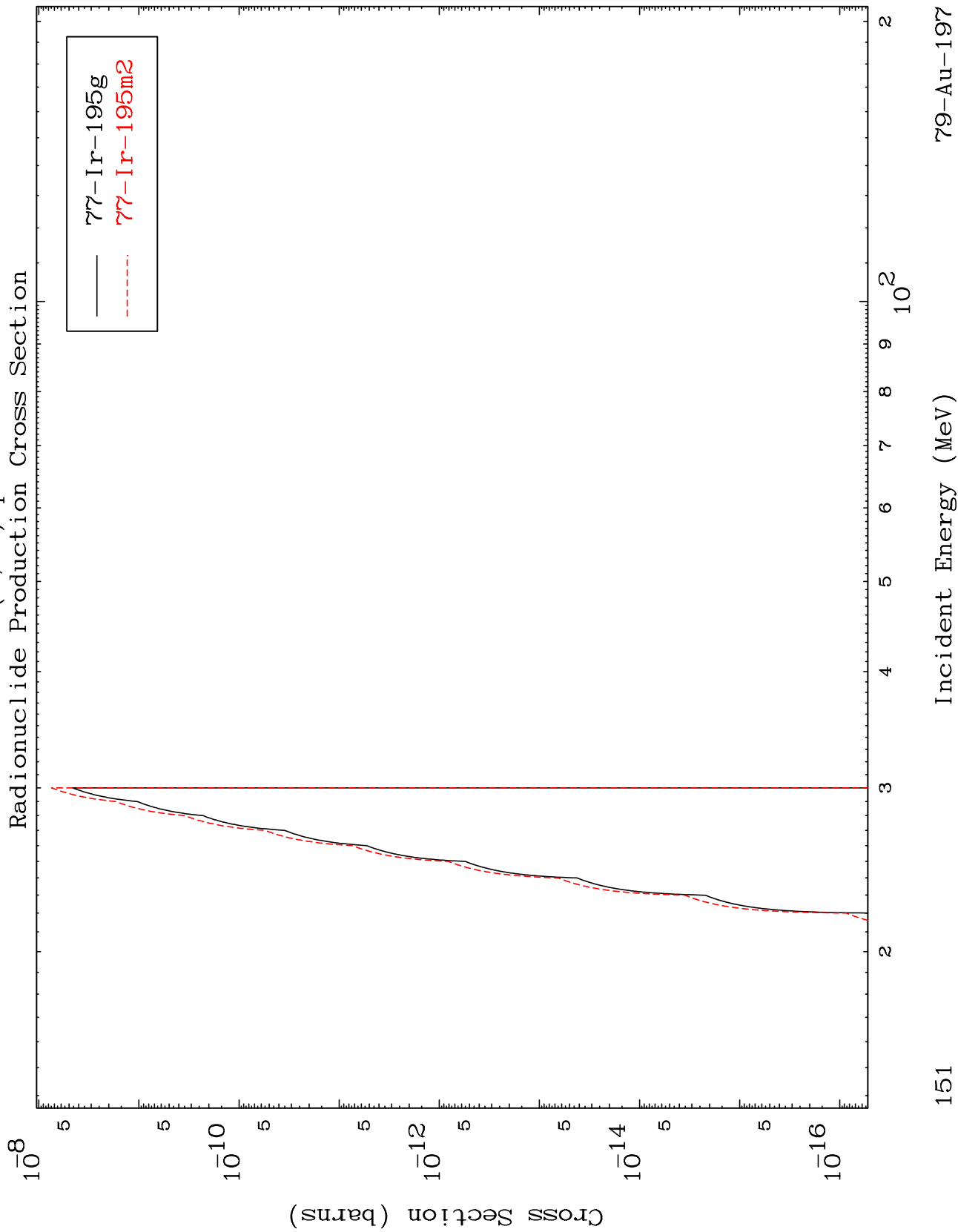
Incident Energy (MeV)

79-Au-197

MAT 7925

(n,2n) p

79-Au-197



151

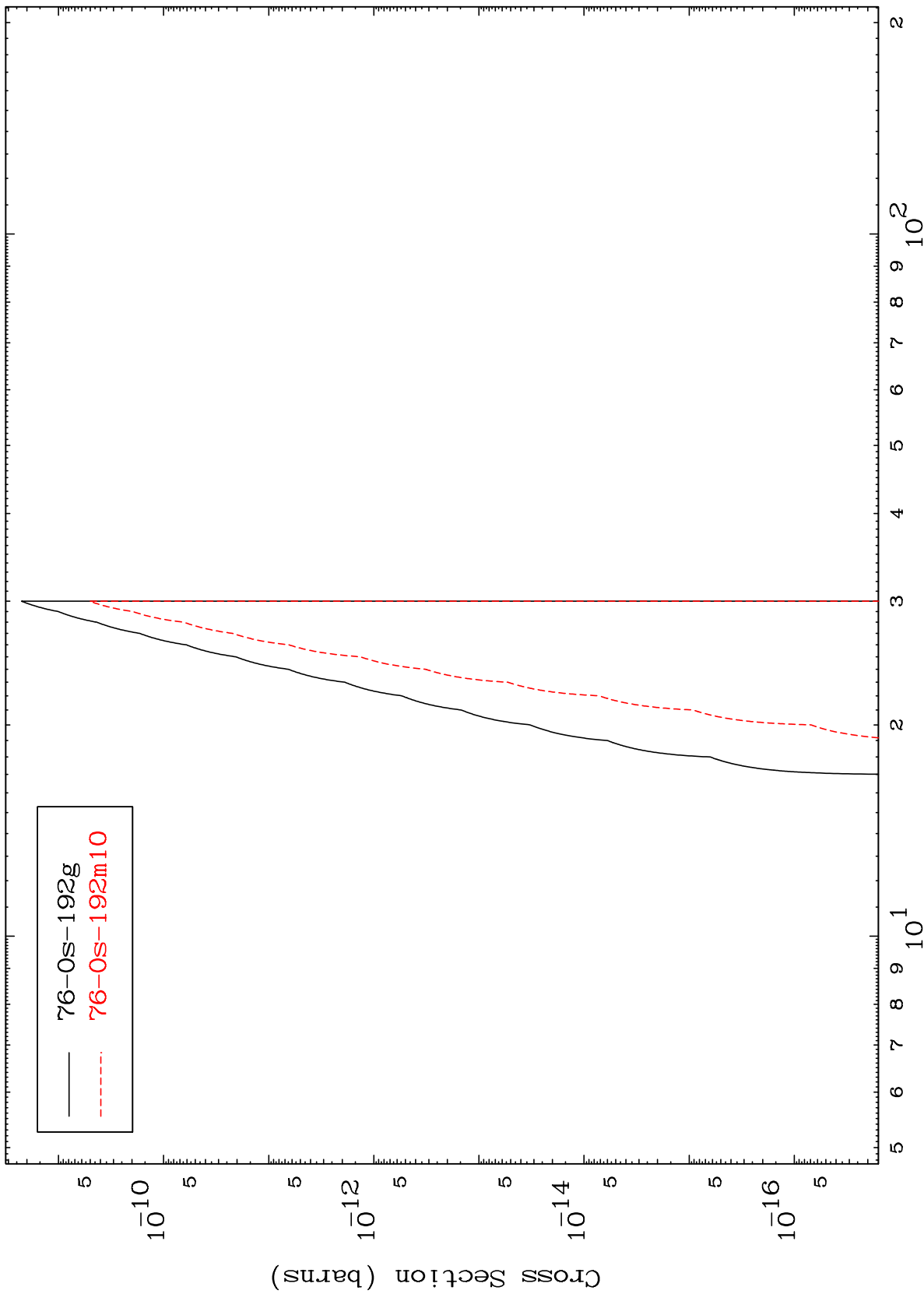
79-Au-197

MAT 7925

(n,n') p α

79-Au-197

Radionuclide Production Cross Section

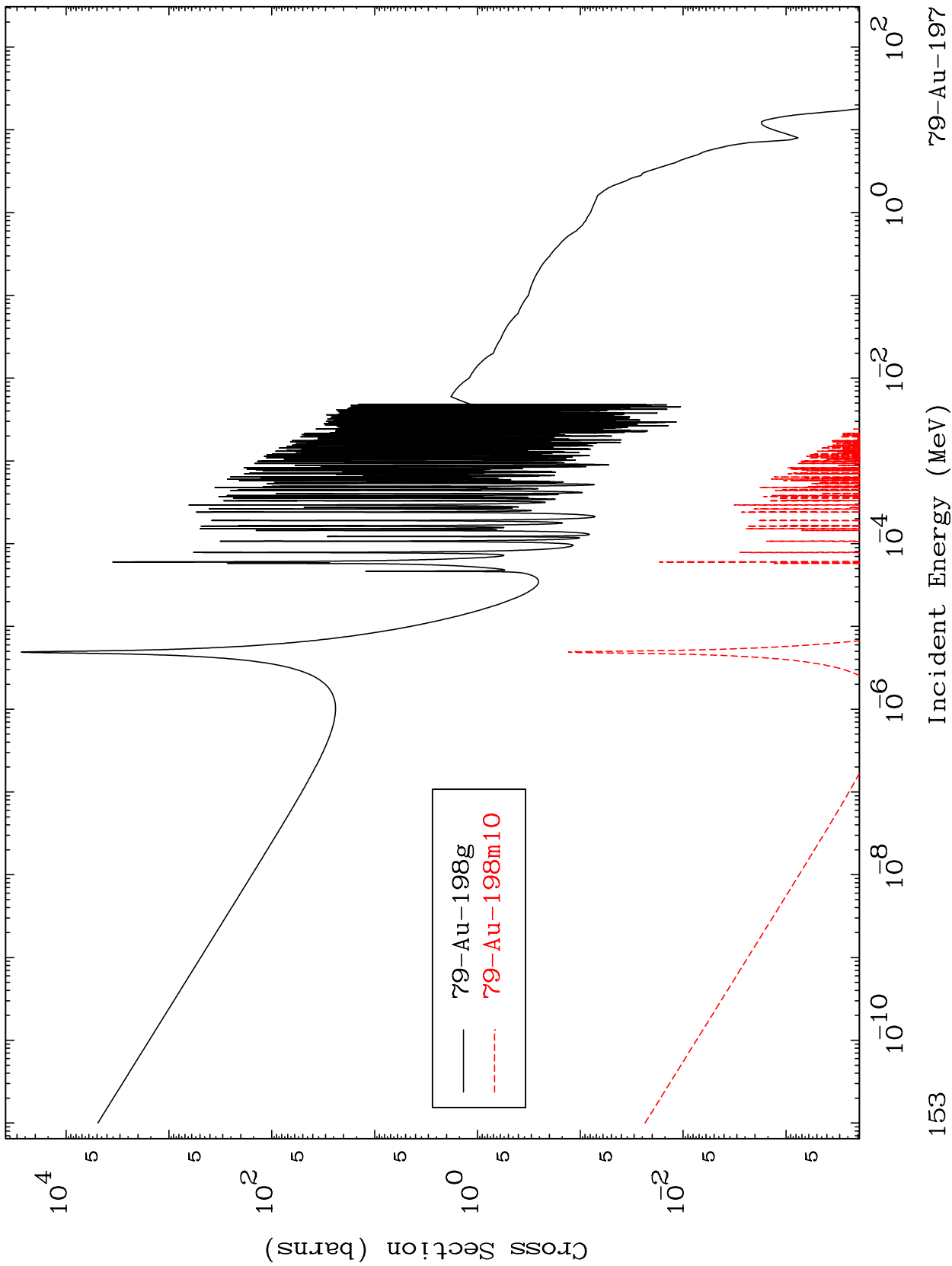


152

Incident Energy (MeV)

79-Au-197

(n,γ)
Radionuclide Production Cross Section

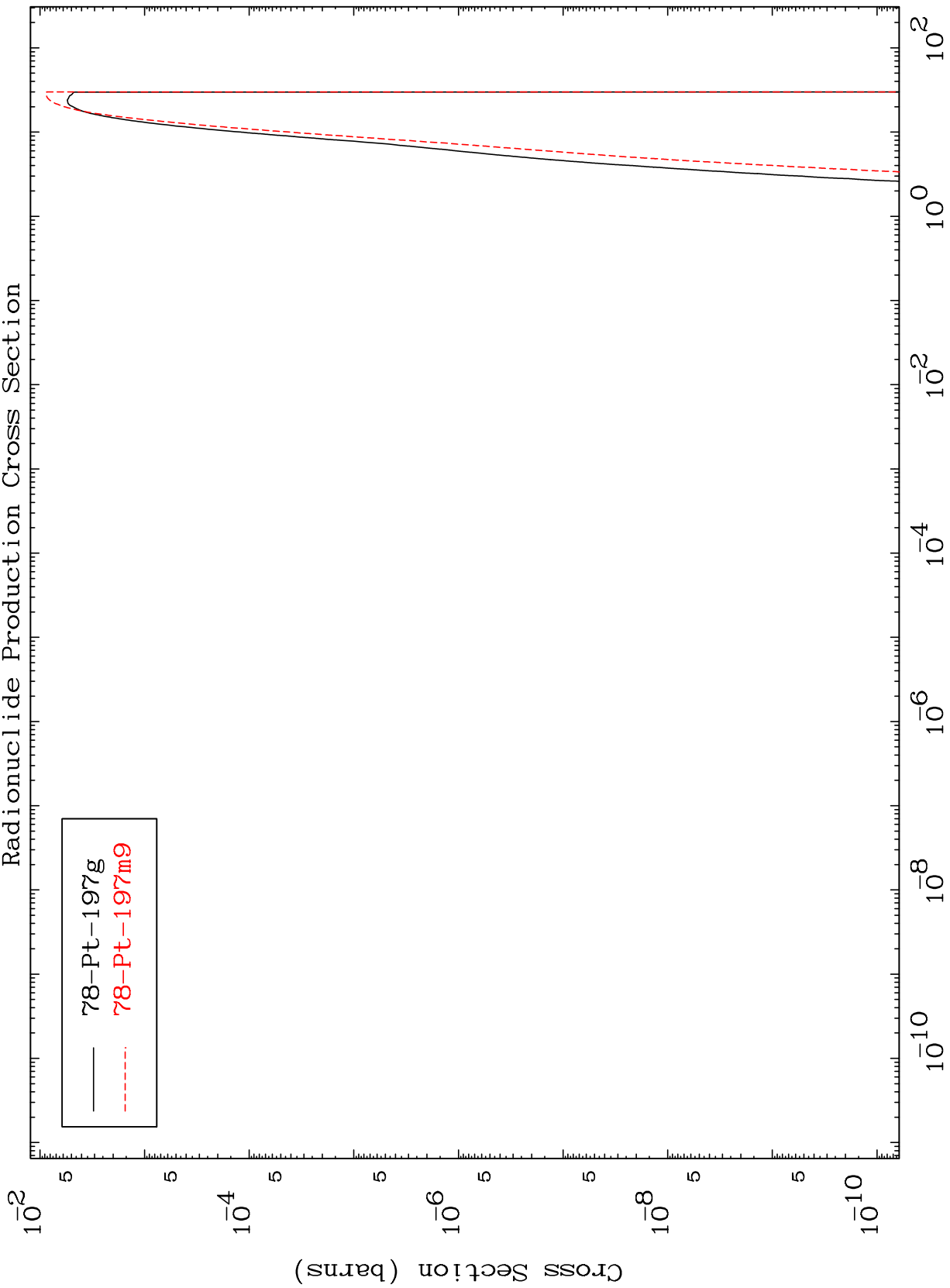


MAT 7925

(n,p)

79-Au-197

Radionuclide Production Cross Section

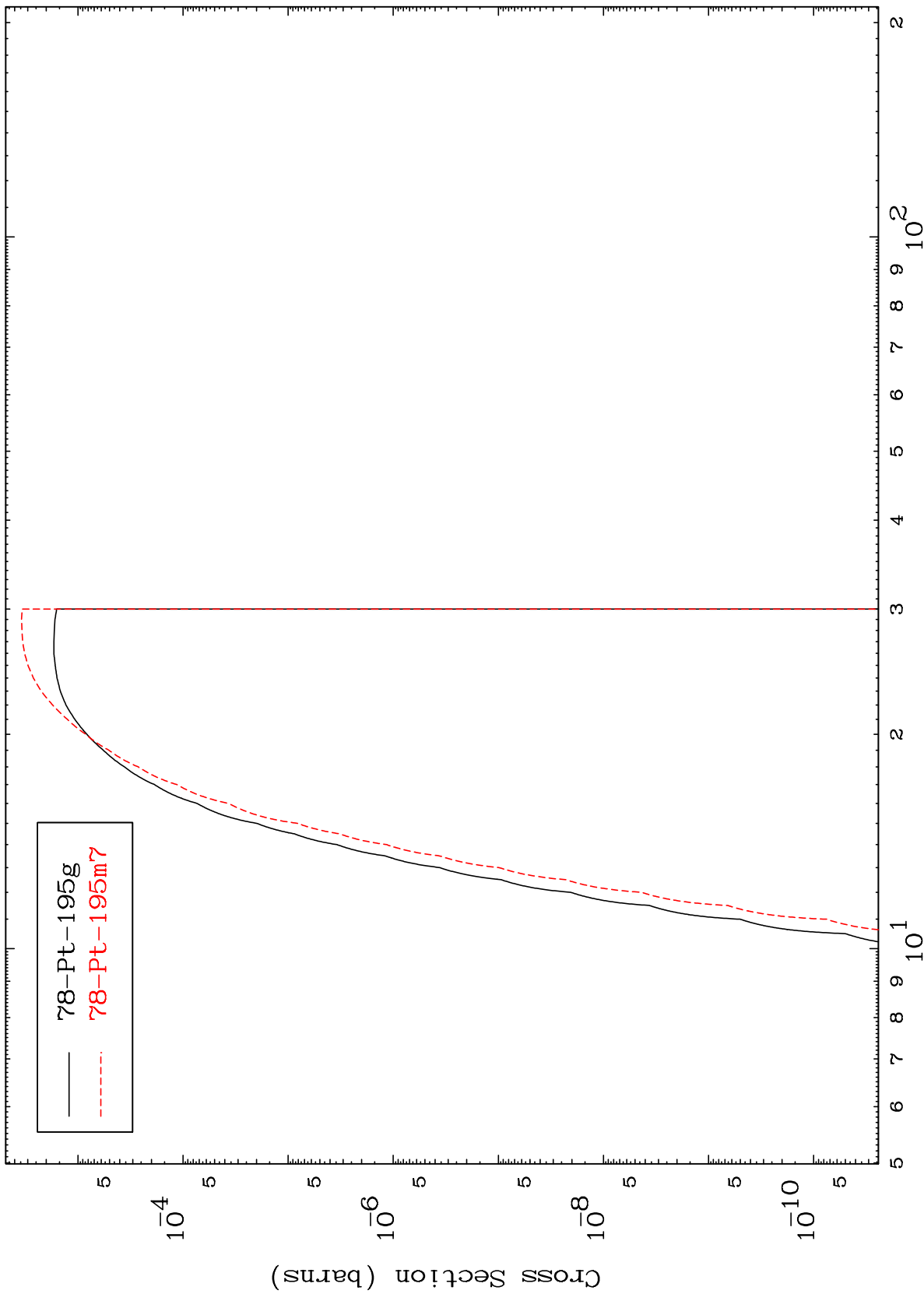


— 78-Pt-197g
- - - 78-Pt-197m9

MAT 7925

79-Au-197

(n, t)
Radionuclide Production Cross Section



155

Incident Energy (MeV)

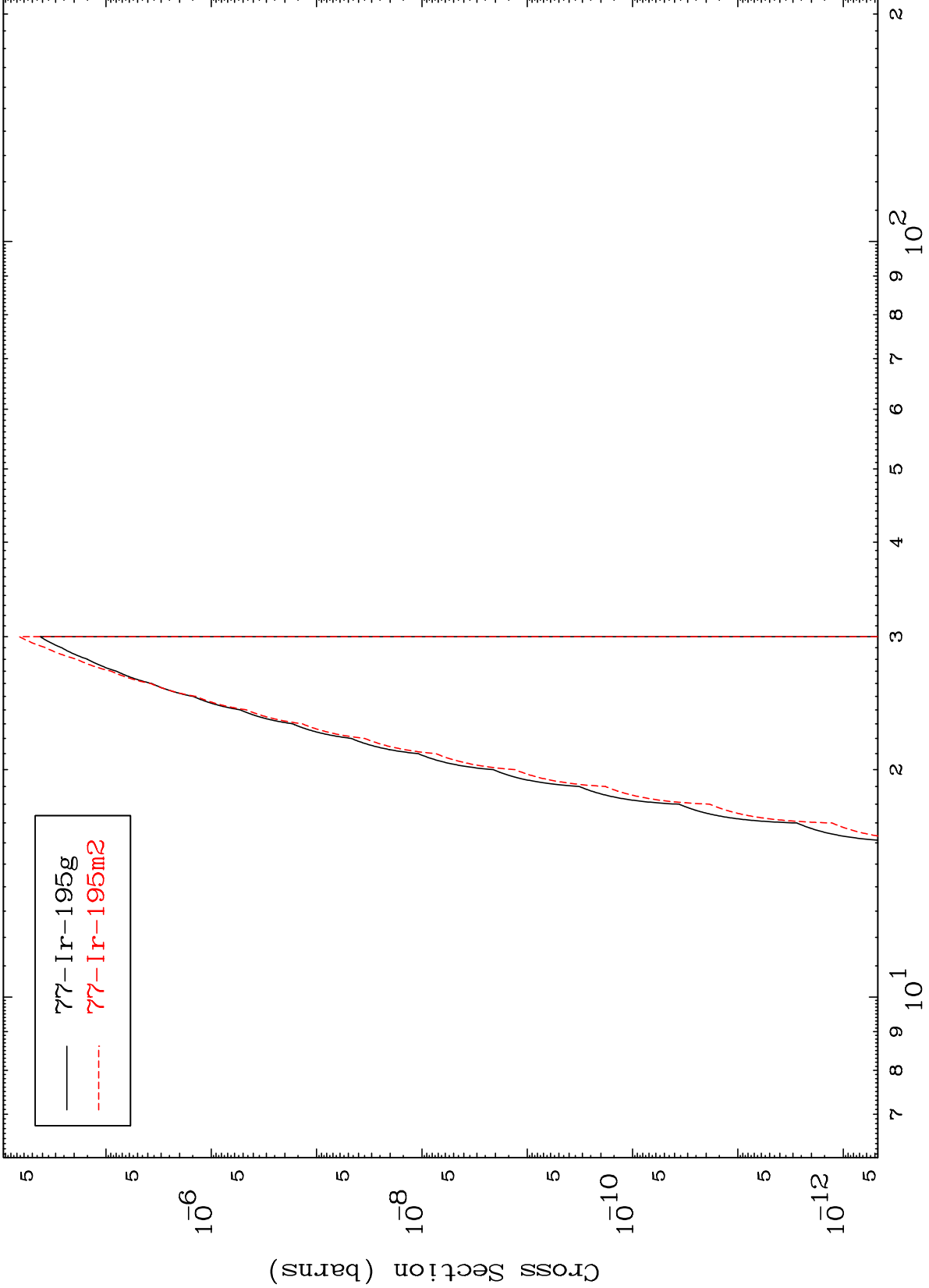
79-Au-197

MAT 7925

(n,He-3)

79-Au-197

Radionuclide Production Cross Section



77-Ir-195g
77-Ir-195m2

156

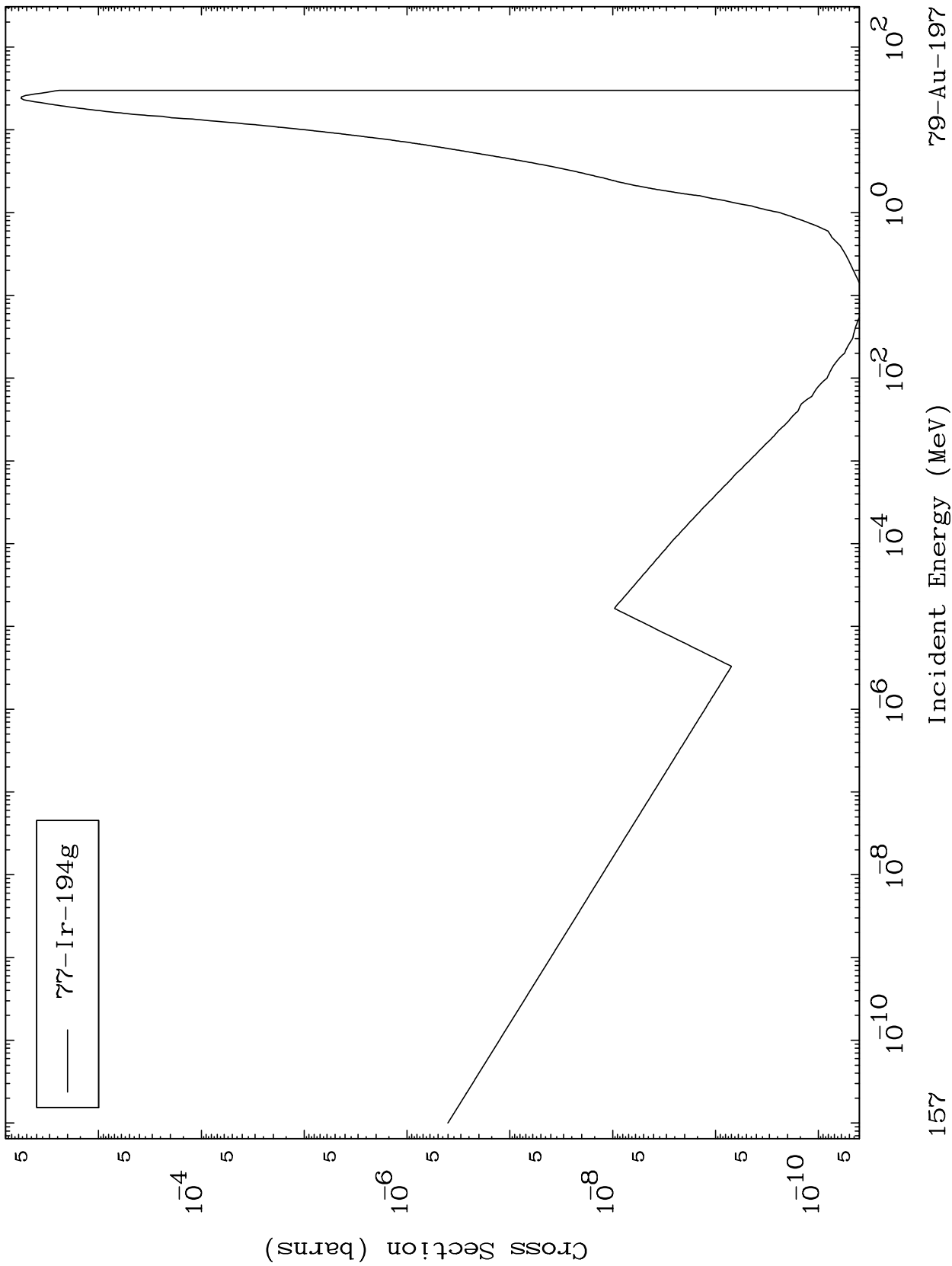
Incident Energy (MeV)

79-Au-197

MAT 7925

79-Au-197

(n, α)
Radionuclide Production Cross Section



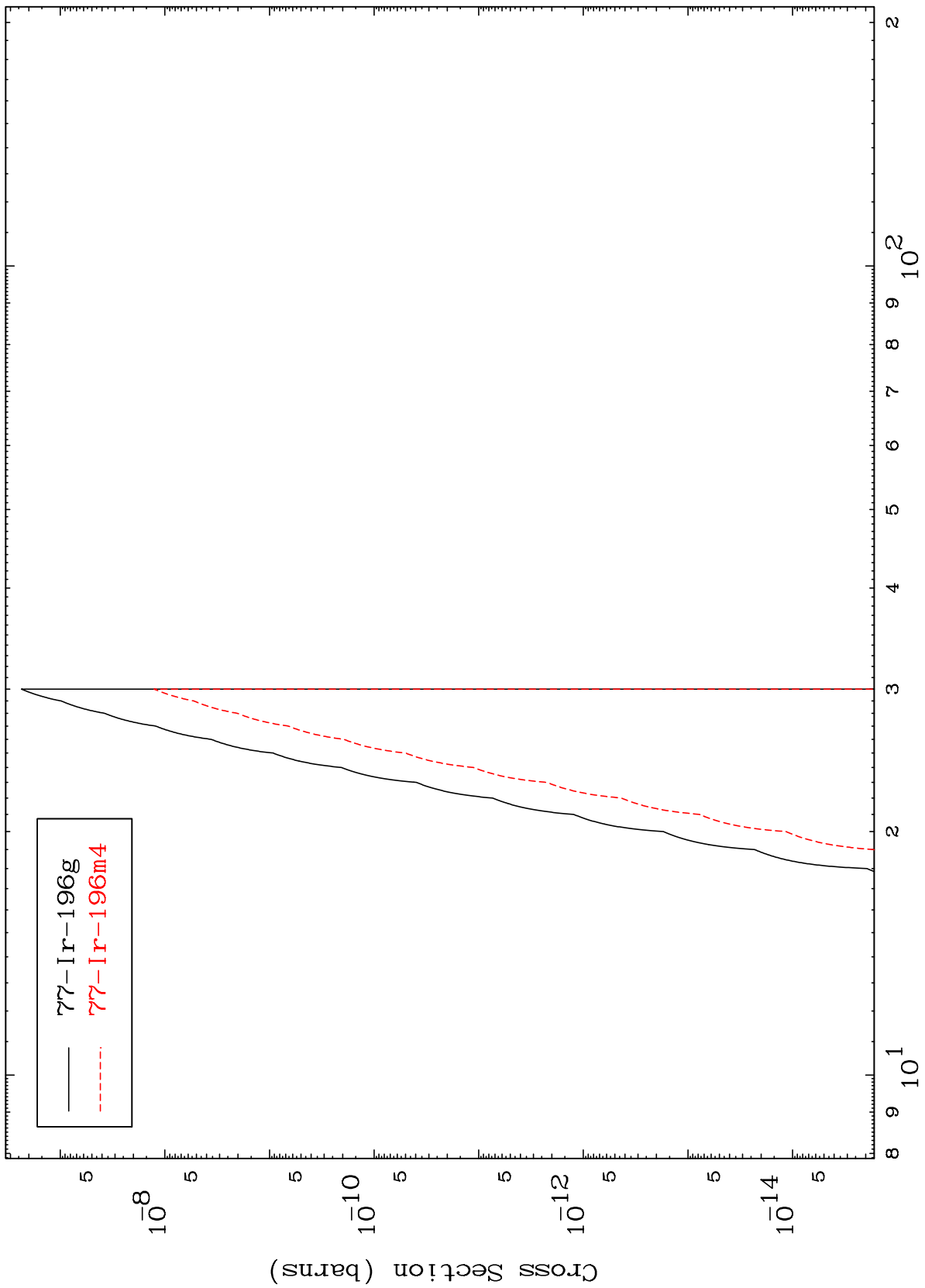
157

79-Au-197

MAT 7925

79-Au-197

(n,2p)
Radionuclide Production Cross Section



79-Au-197

Incident Energy (MeV)

158