

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

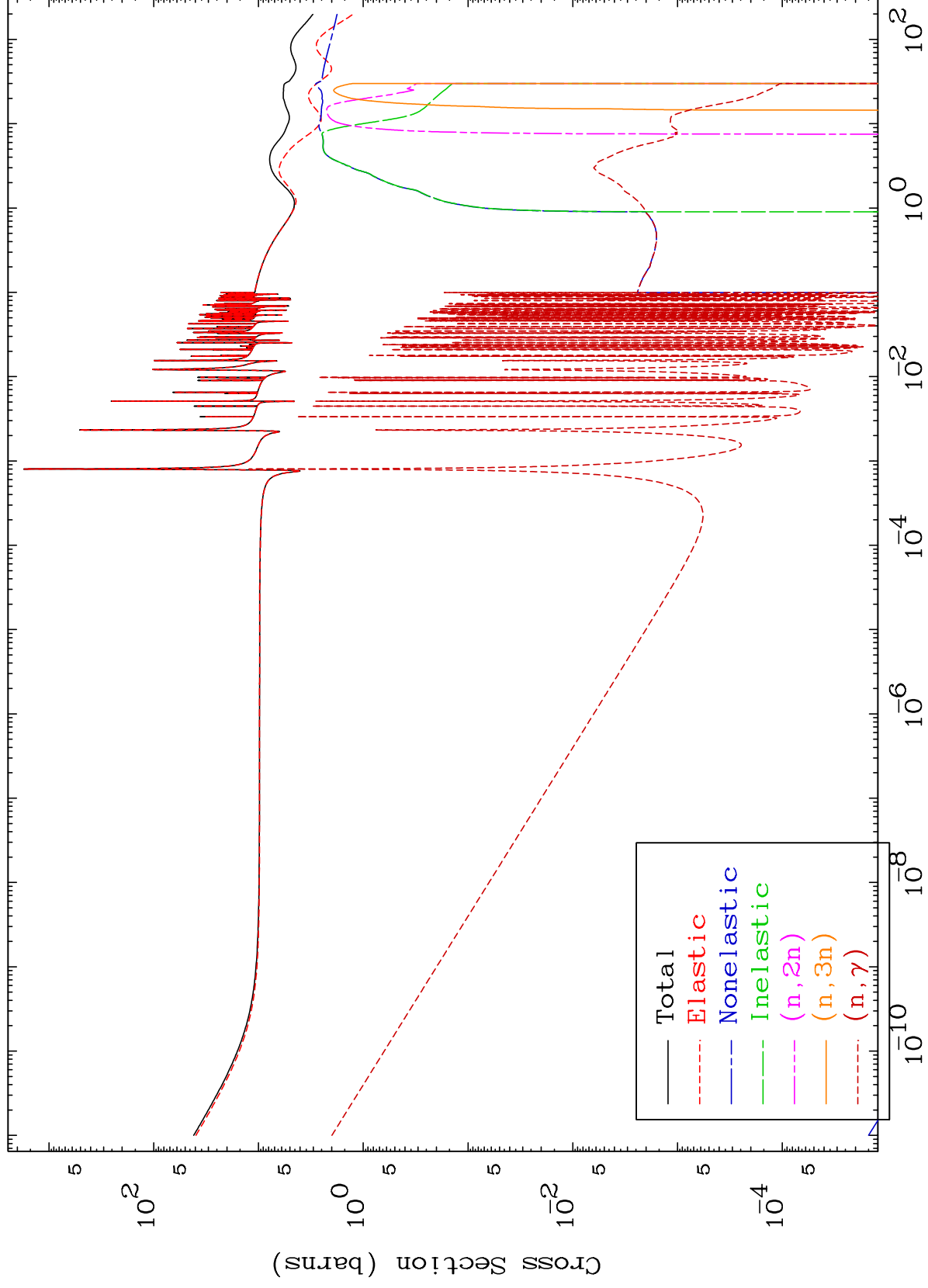
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8325

Neutron Major
293 Kelvin Cross Sections

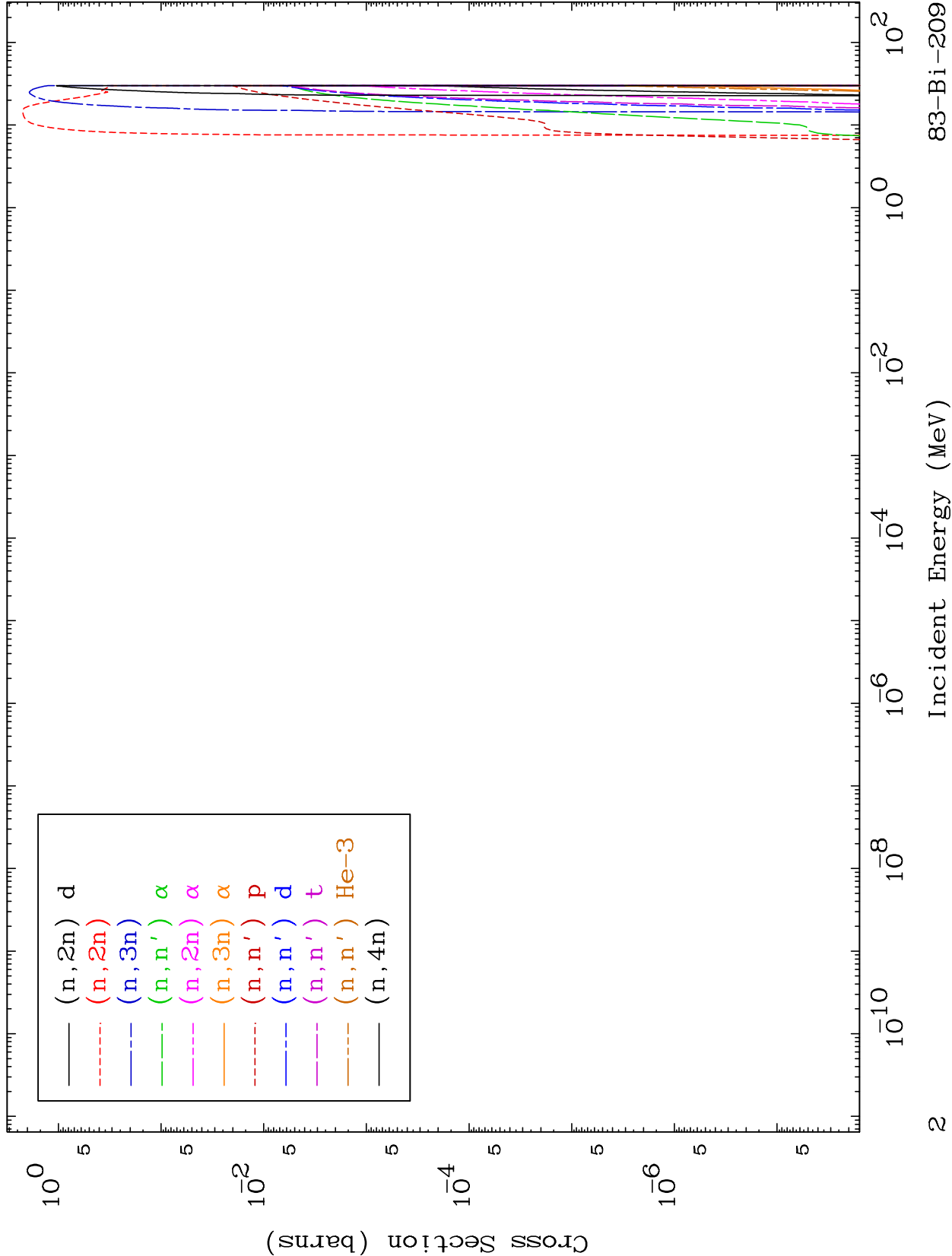
83-Bi-209



MAT 8325

Neutron Absorption
293 Kelvin Cross Sections

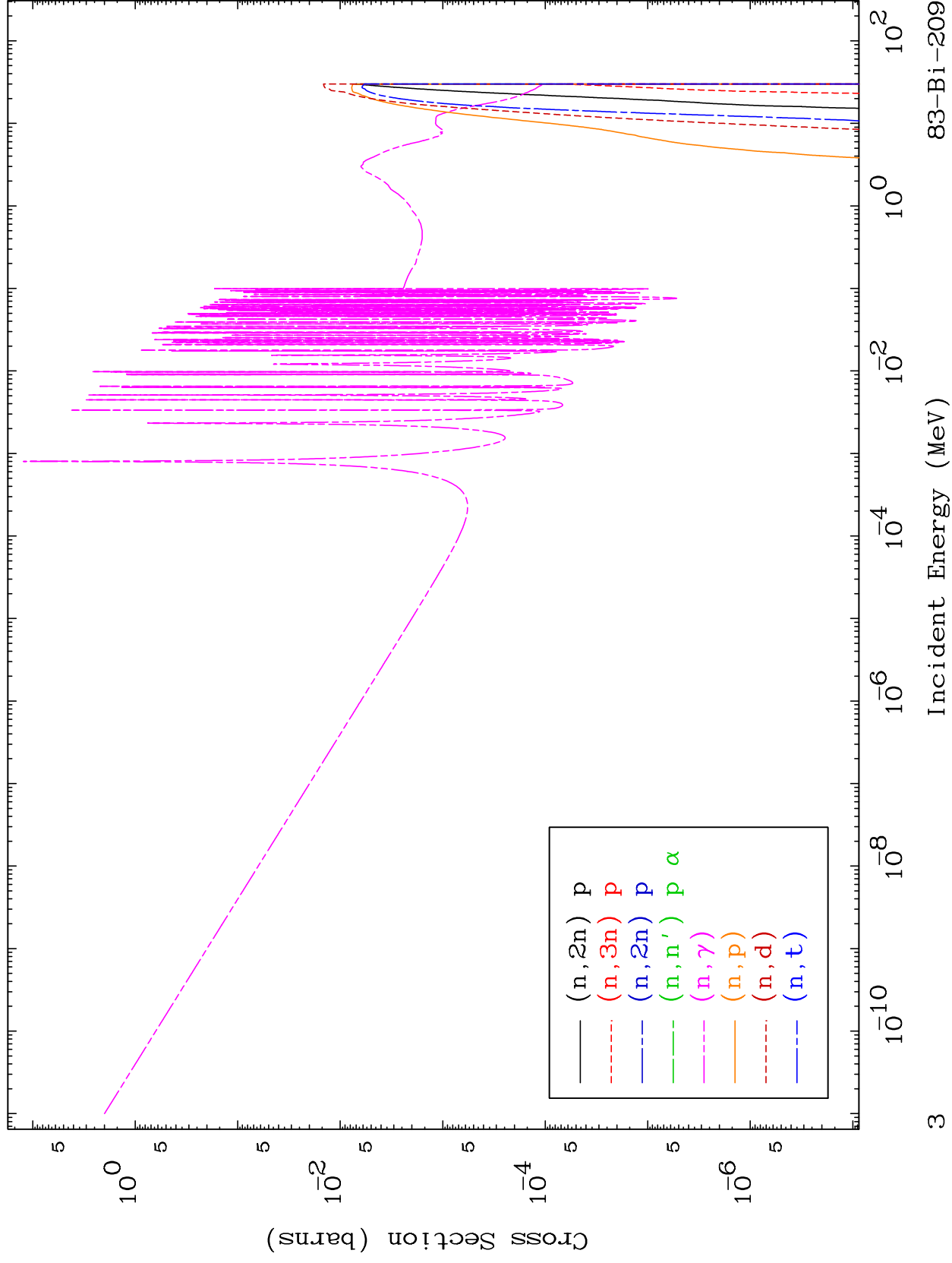
83-Bi-209

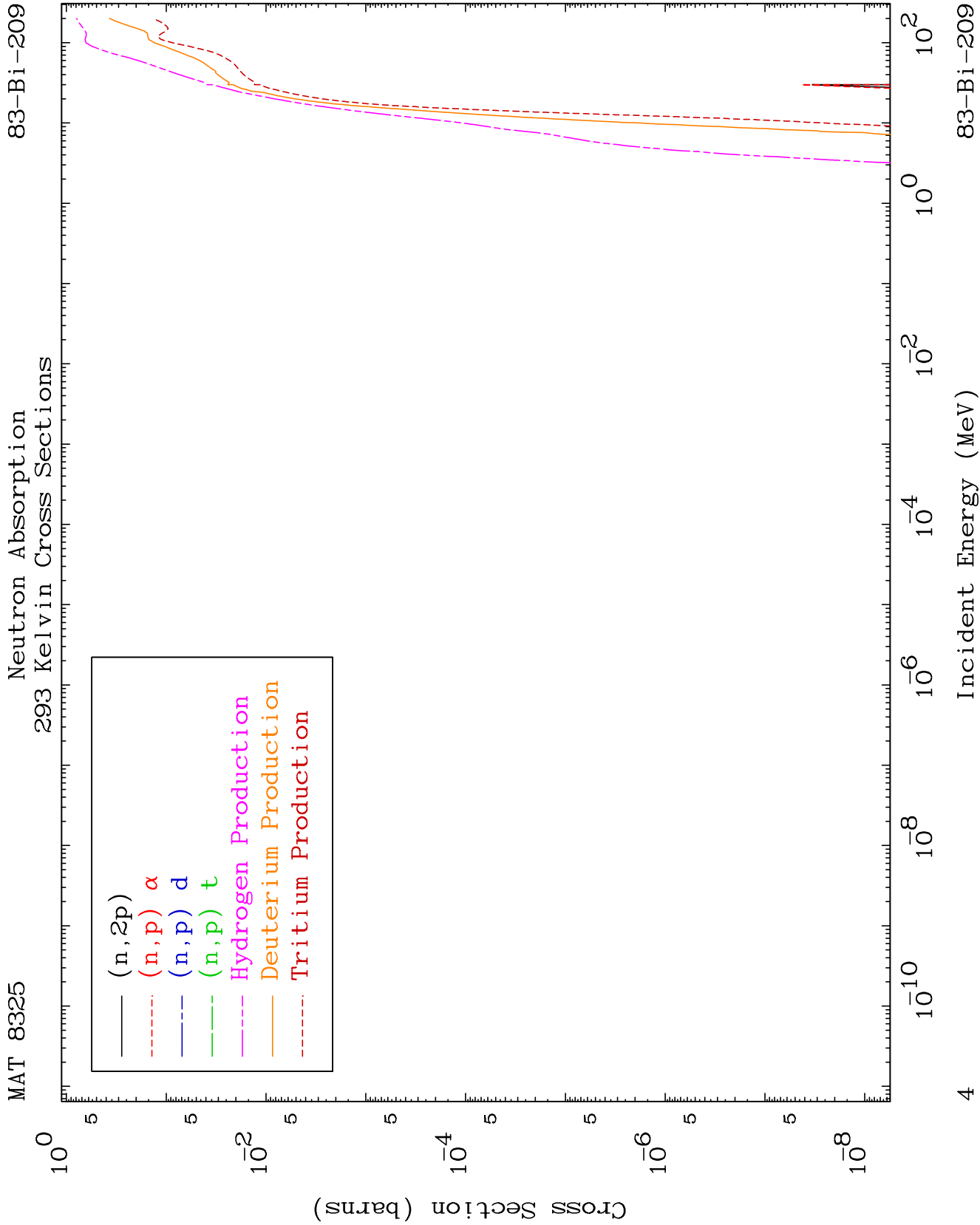


MAT 8325

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-209

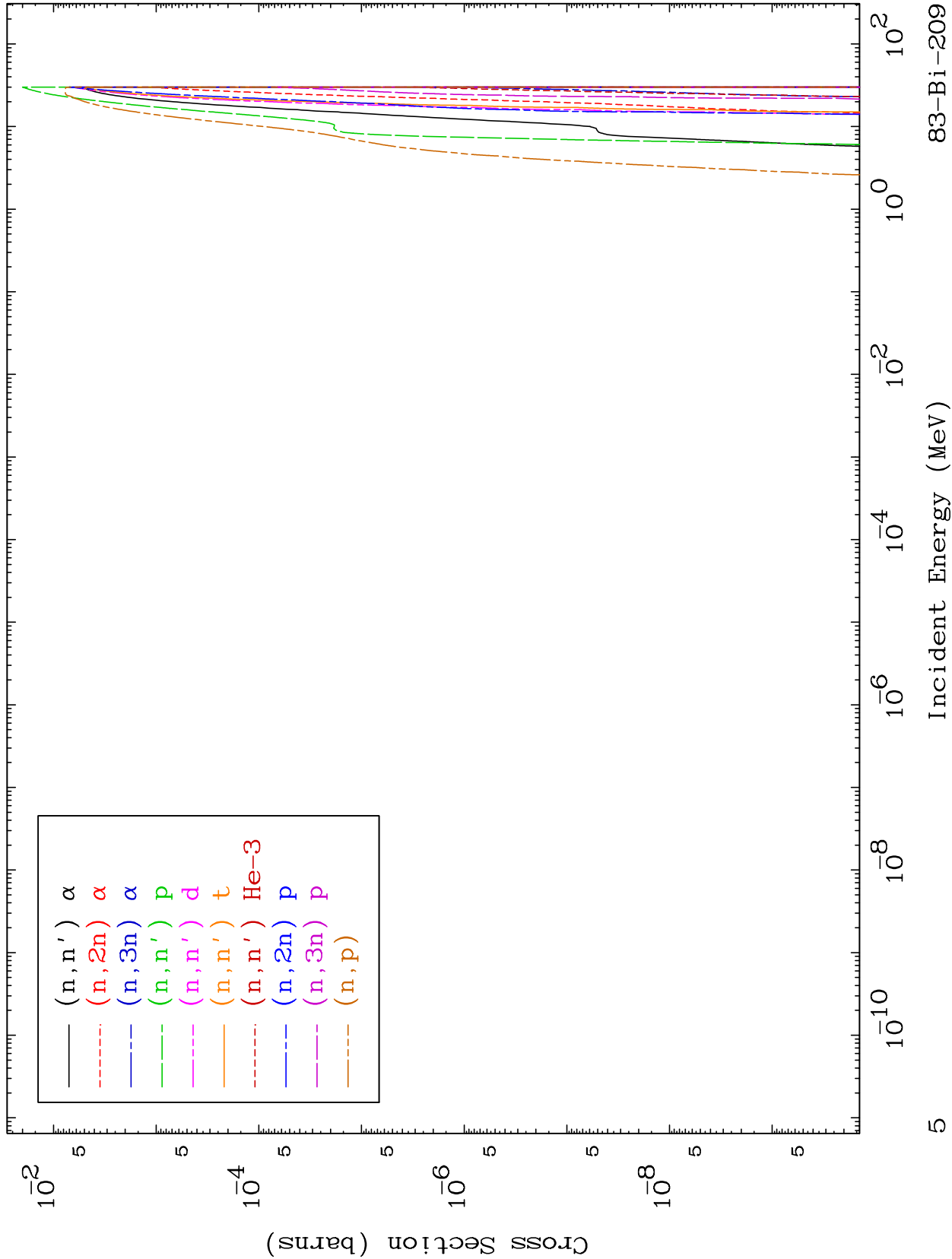




MAT 8325

Charged Particle
293 Kelvin Cross Sections

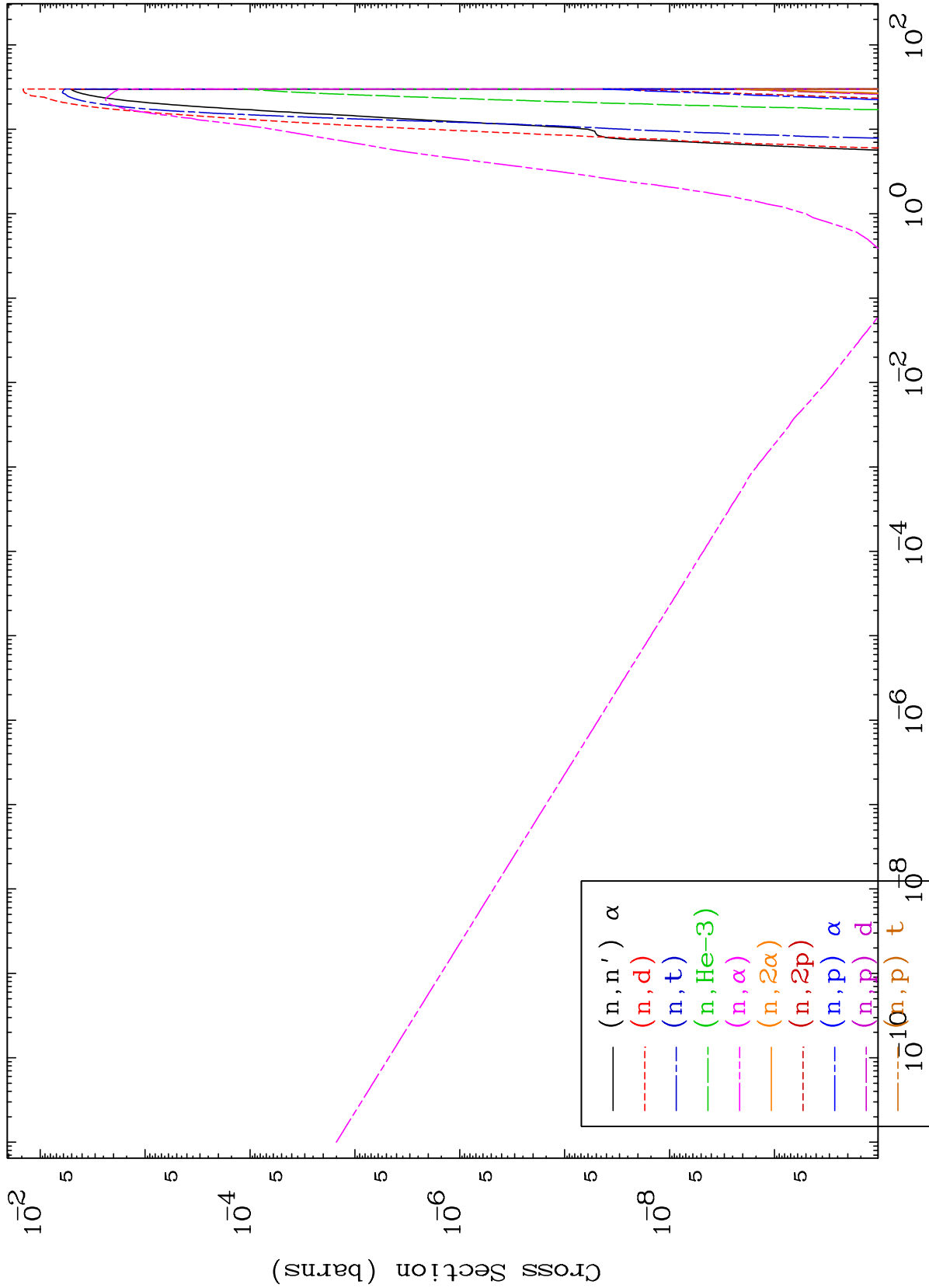
83-Bi-209

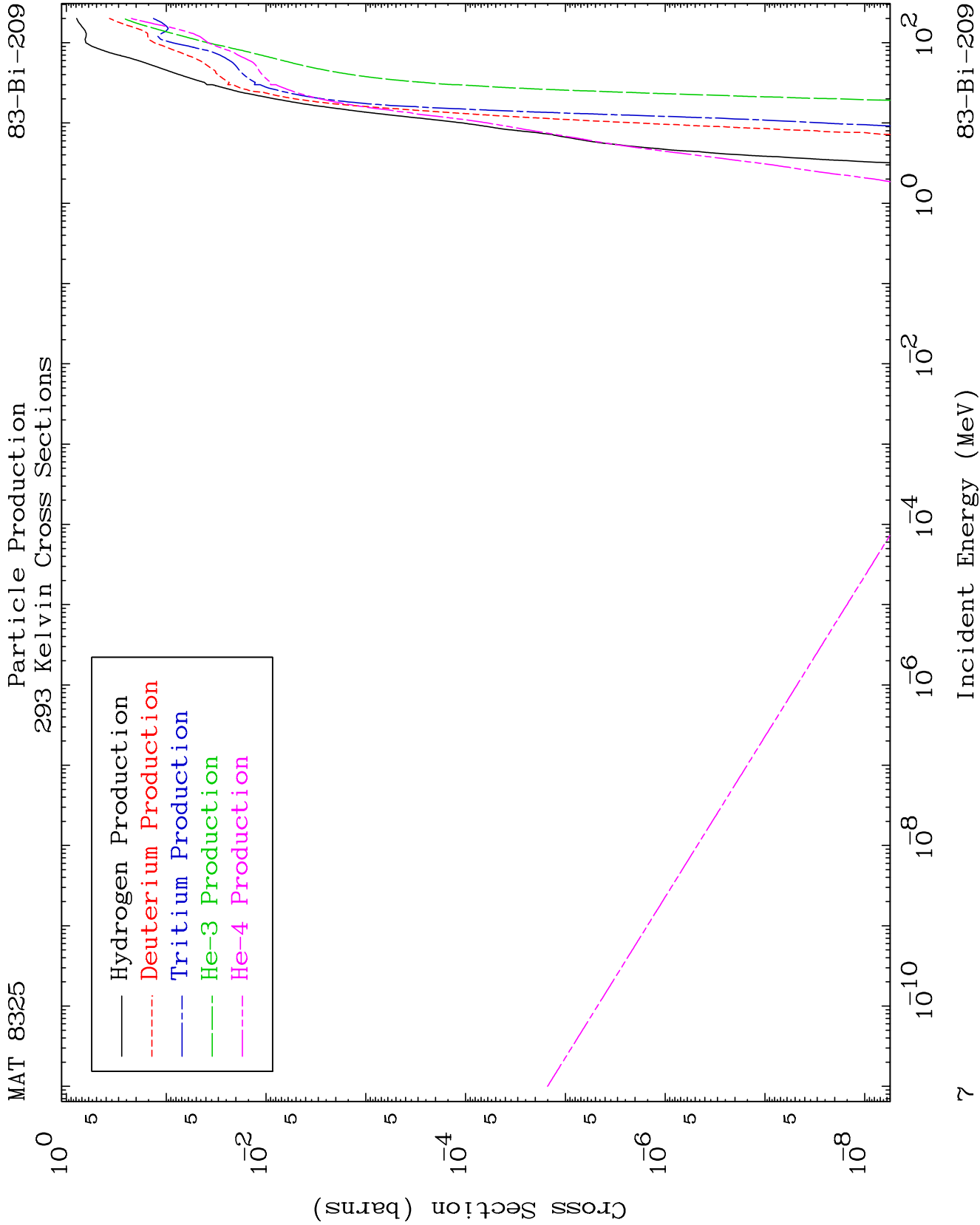


MAT 8325

Charged Particle
293 Kelvin Cross Sections

83-Bi-209



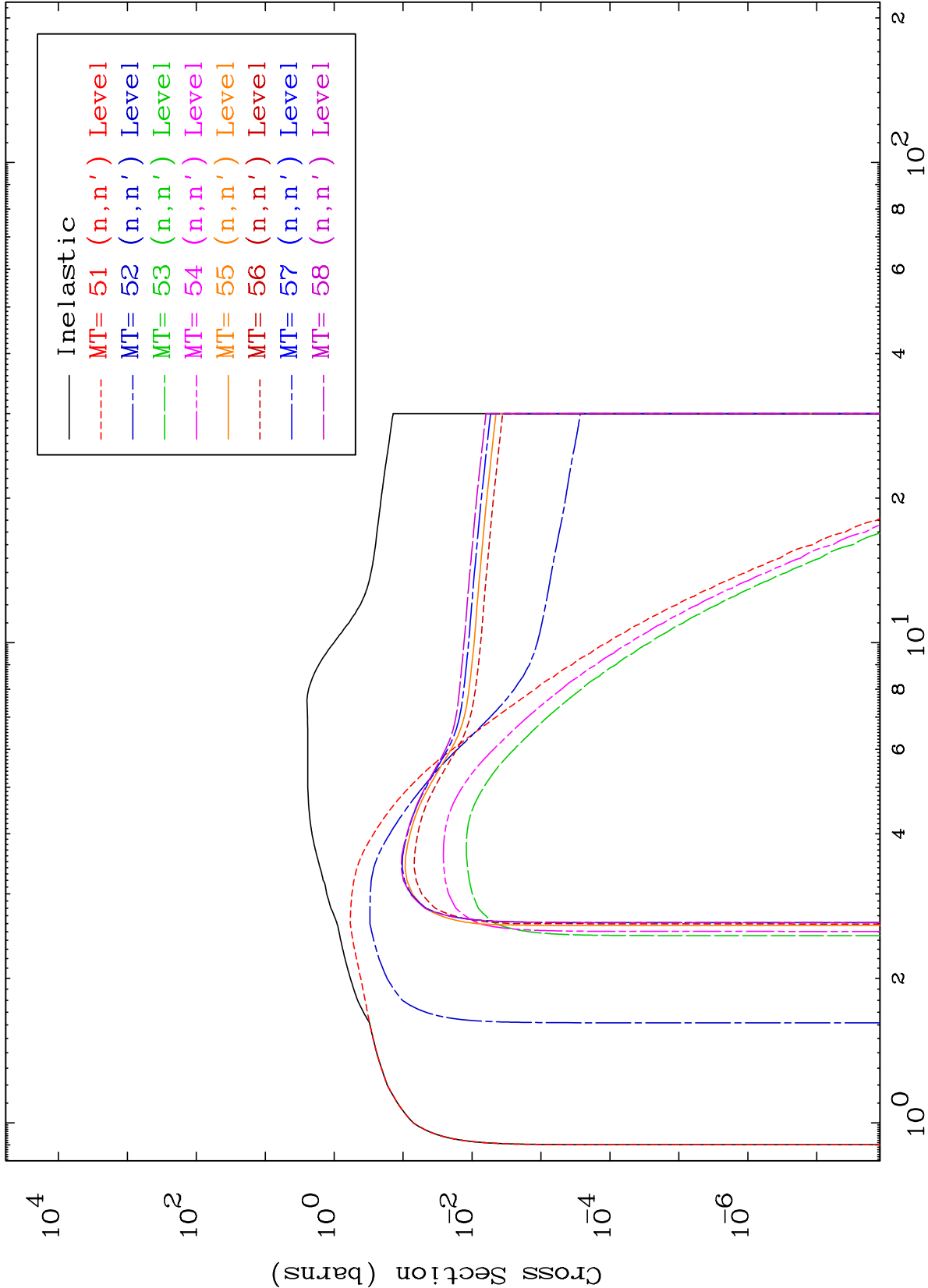


MAT 8325

(n,n') Levels

293 Kelvin Cross Sections

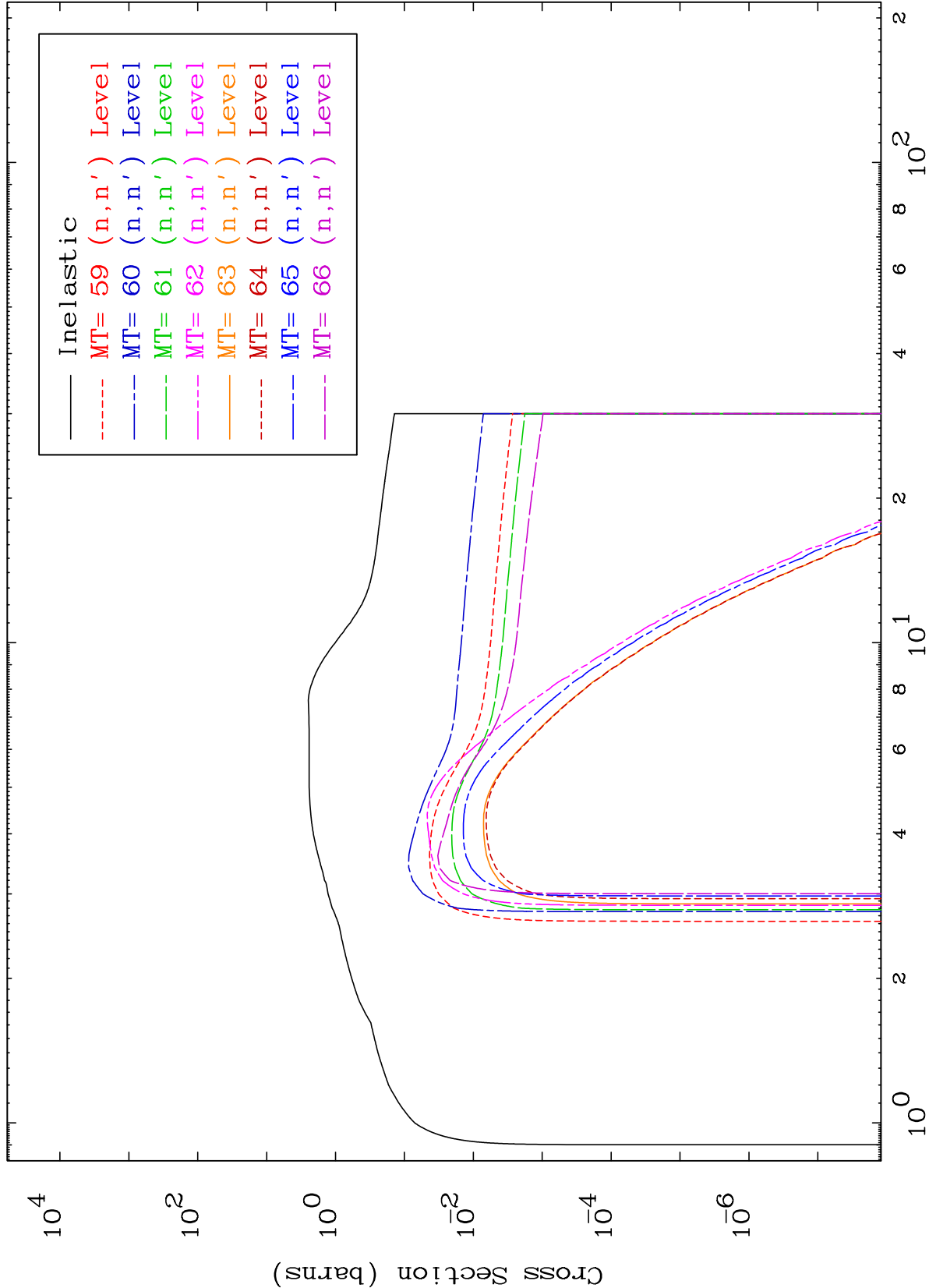
83-Bi-209

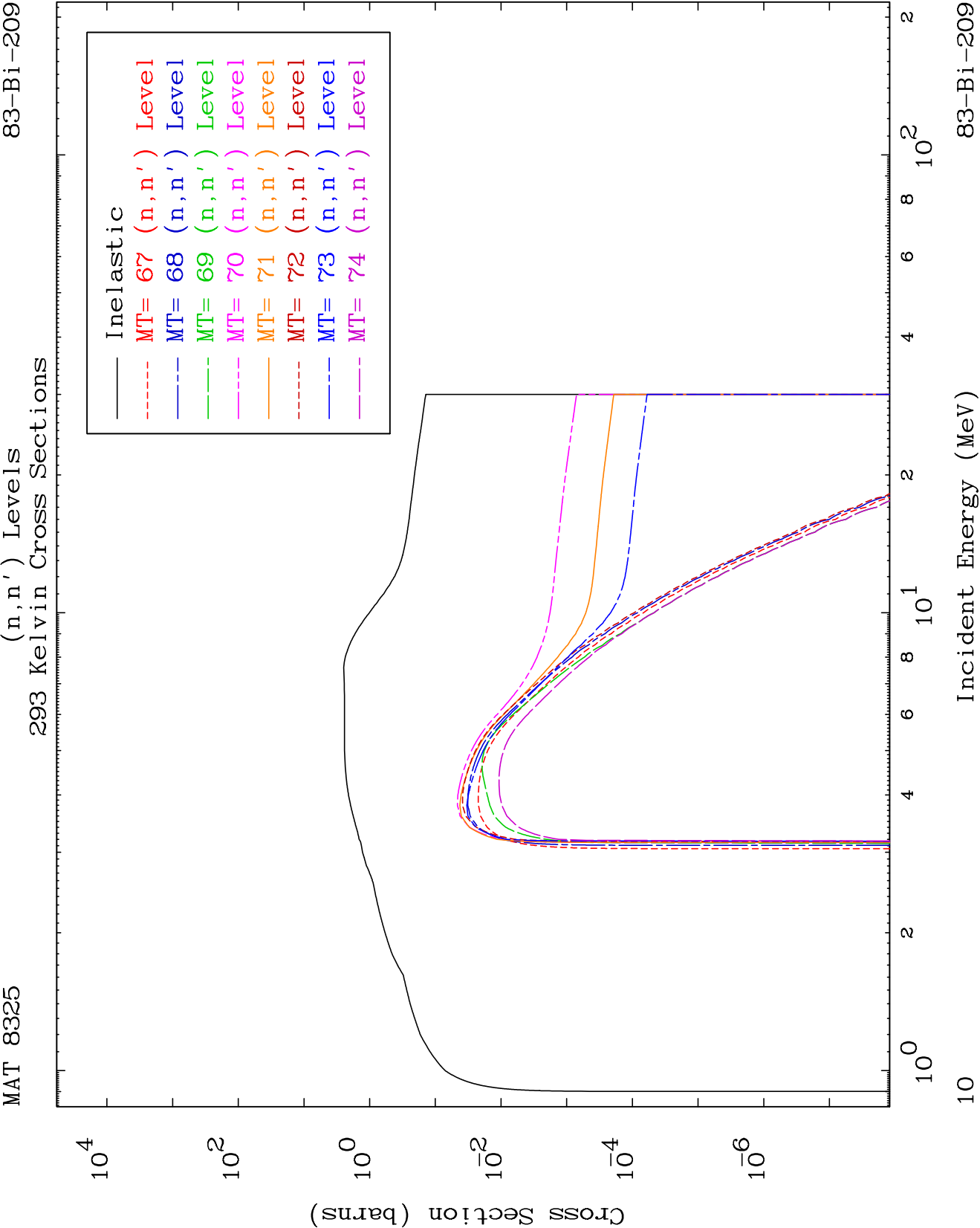


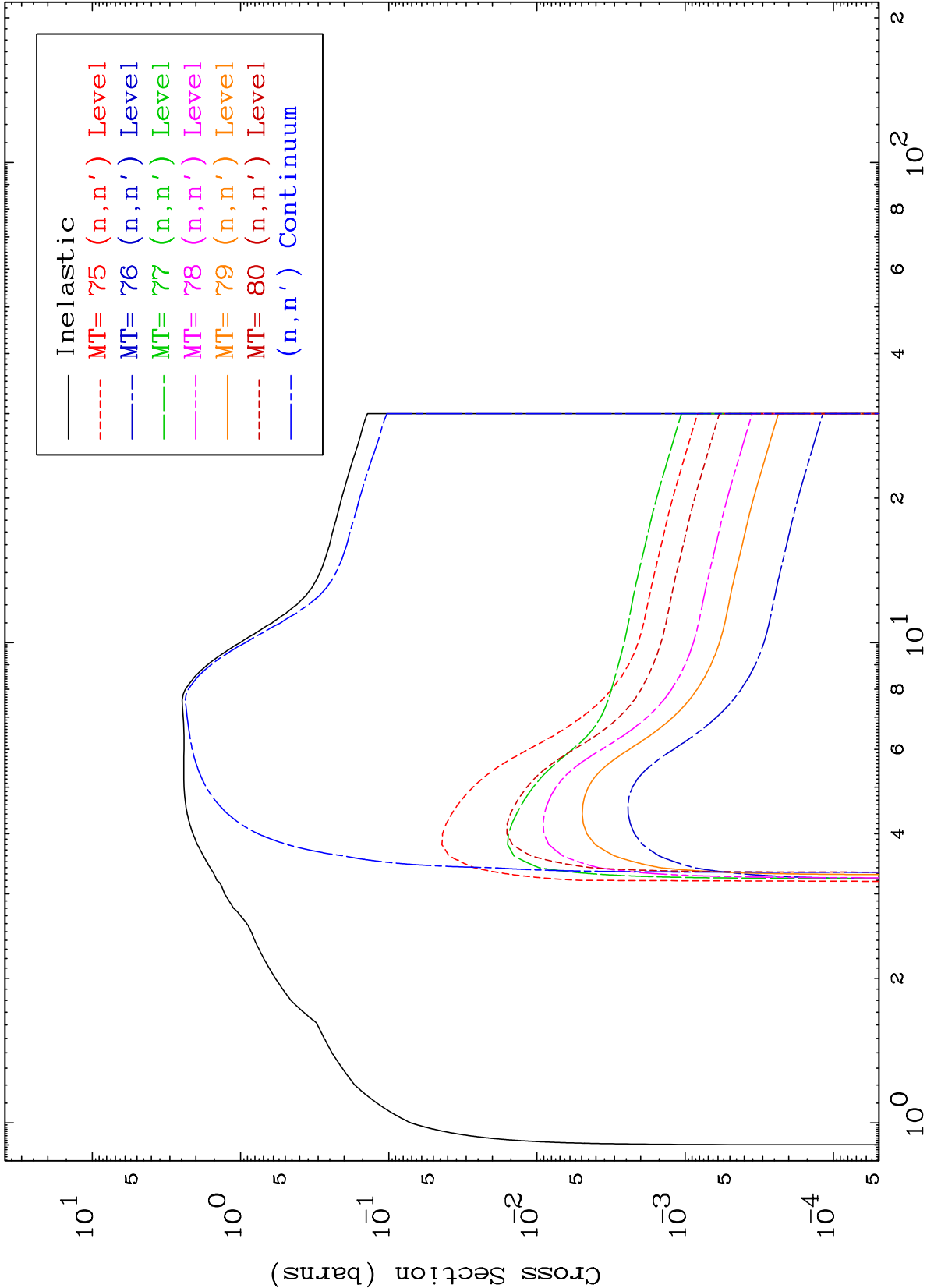
8

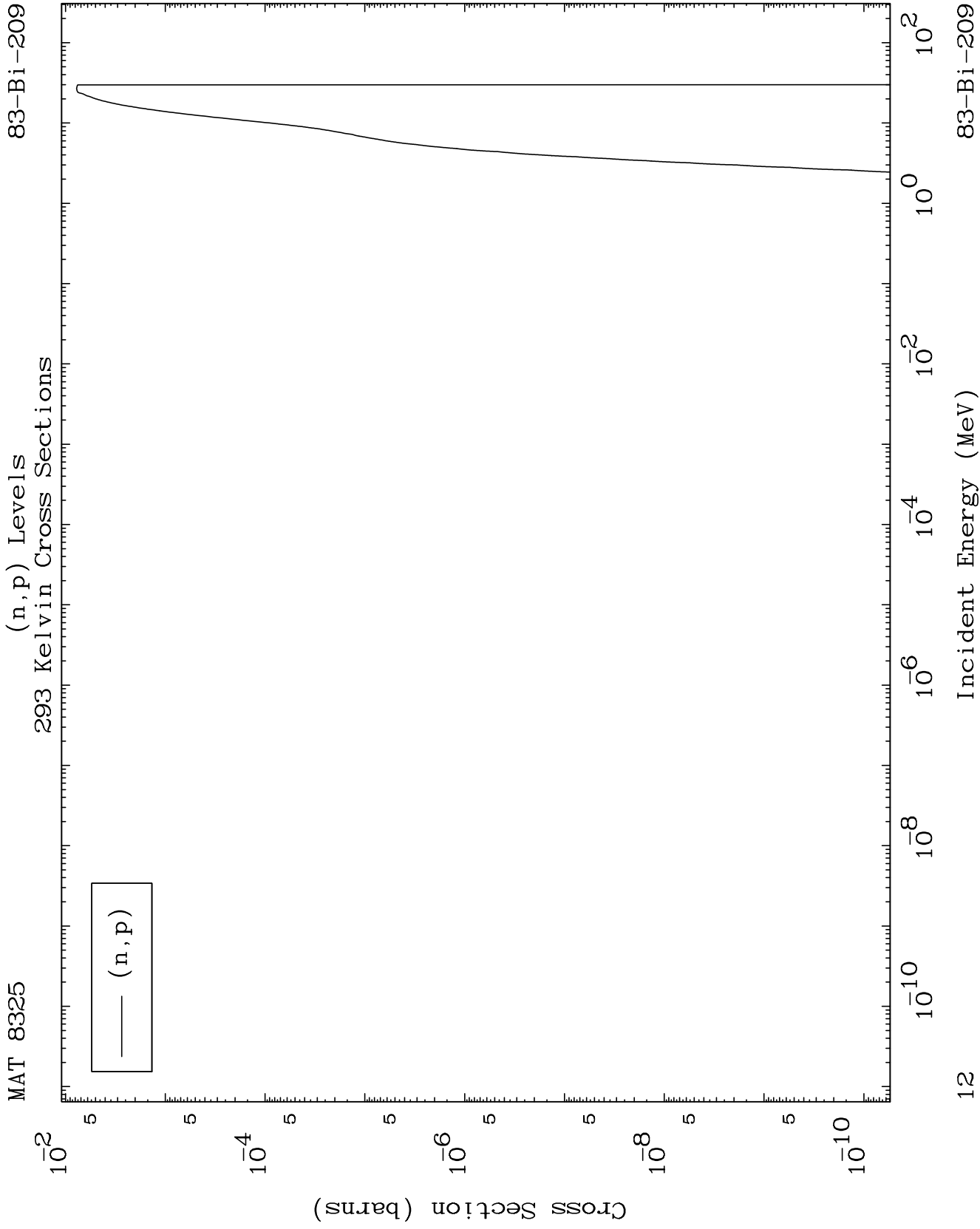
Incident Energy (MeV)

83-Bi-209





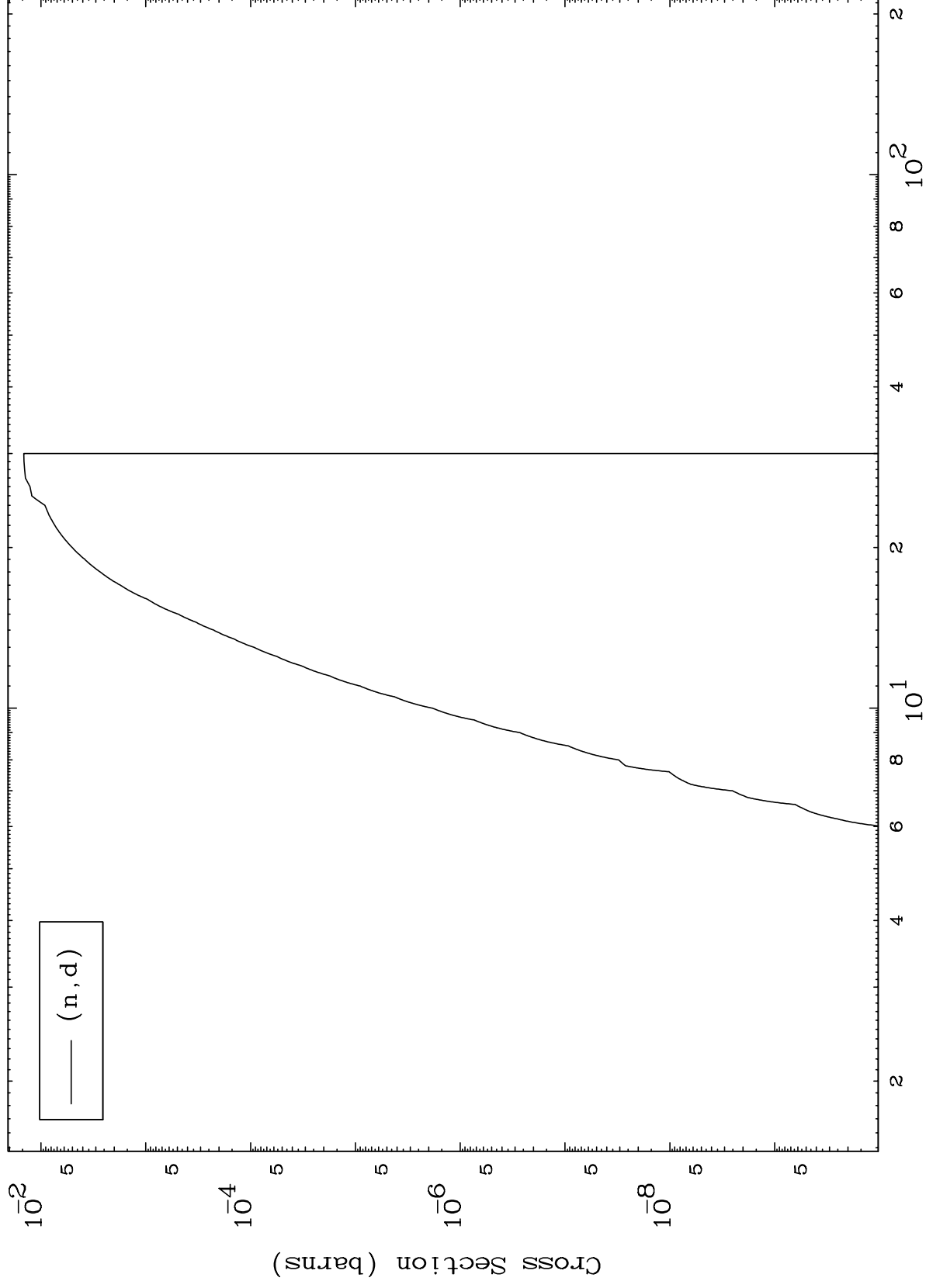




MAT 8325

83-Bi-209

(n,d) Levels
293 Kelvin Cross Sections



13

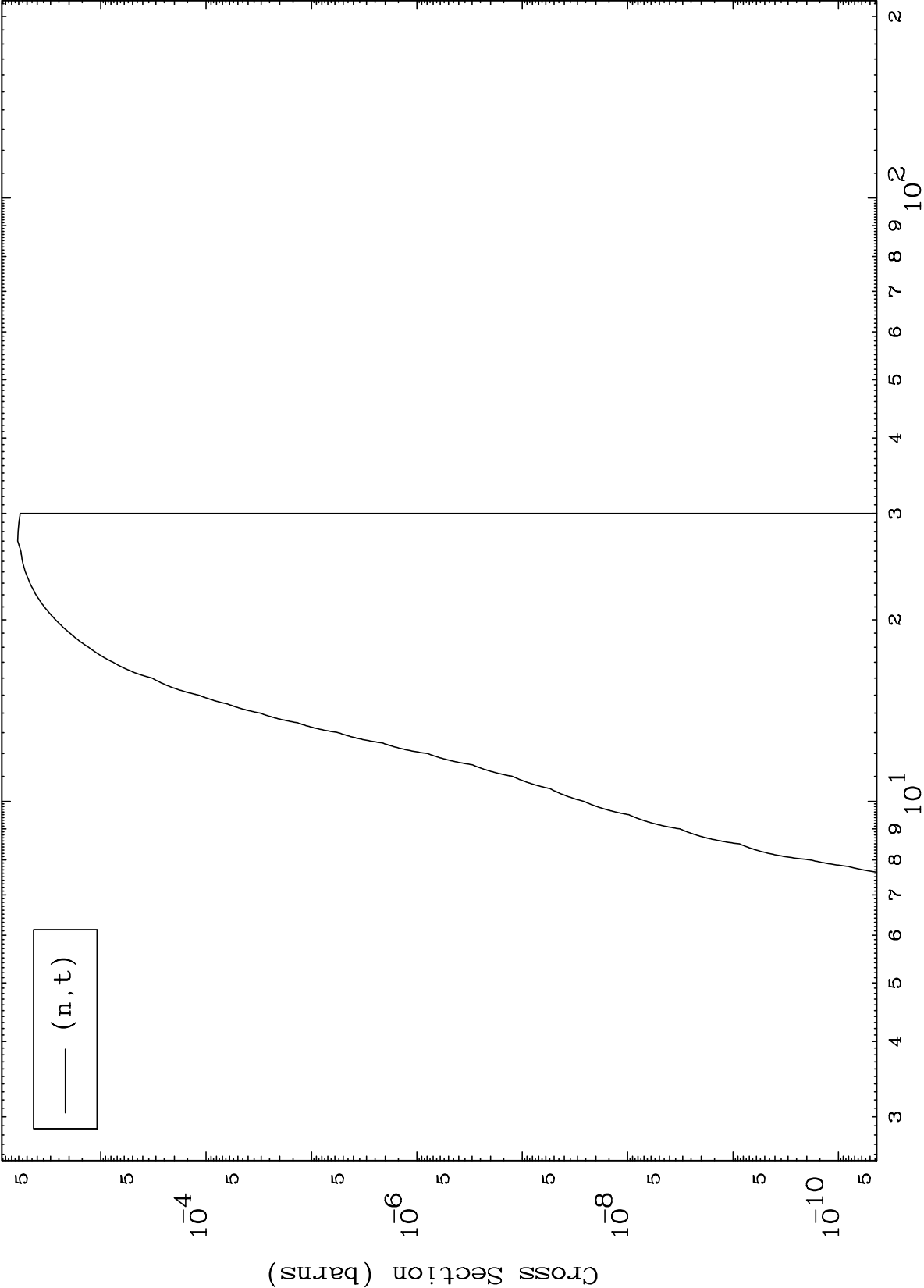
Incident Energy (MeV)

83-Bi-209

MAT 8325

83-Bi-209

(n,t) Levels
293 Kelvin Cross Sections



14

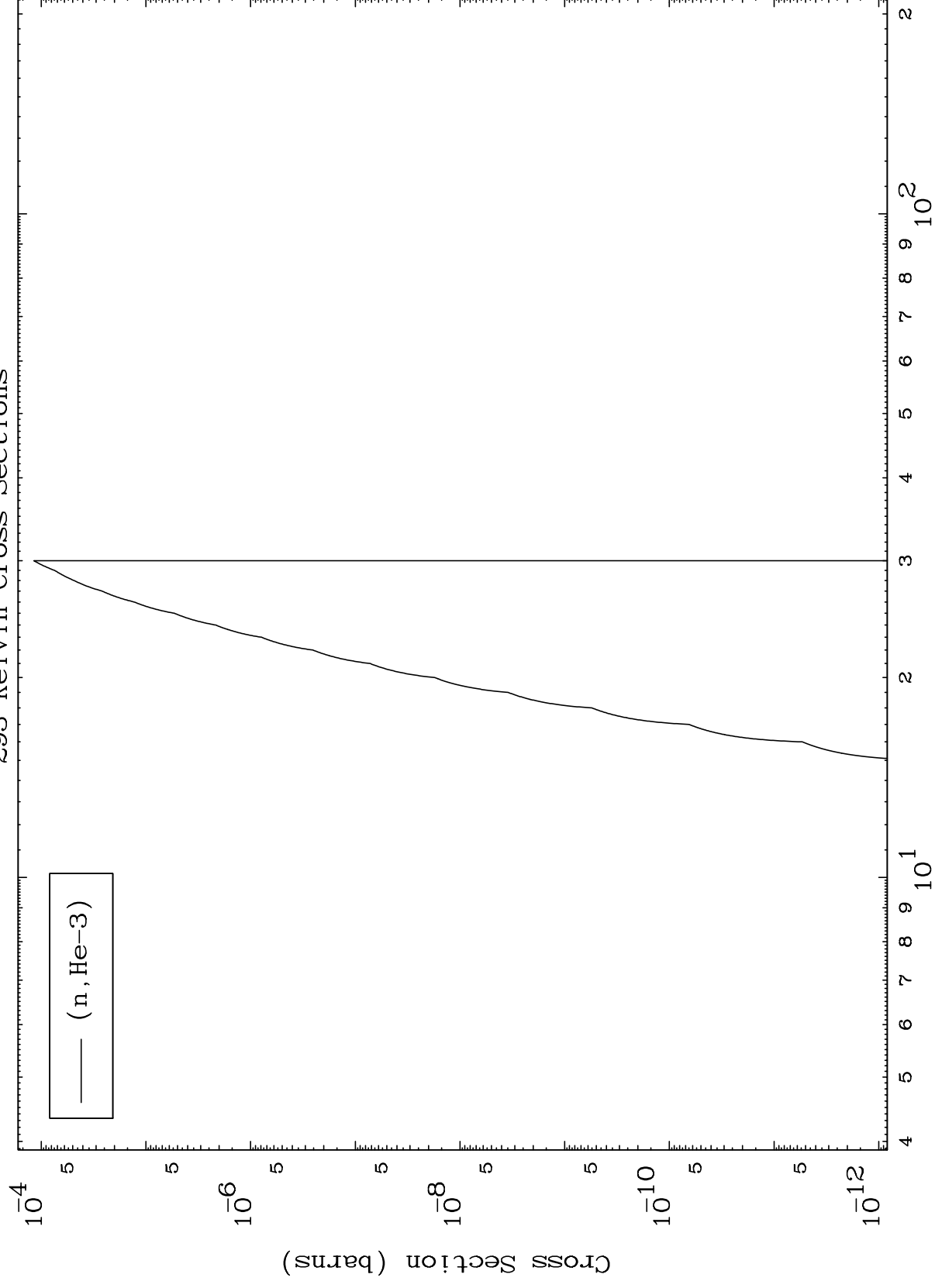
Incident Energy (MeV)

83-Bi-209

MAT 8325

83-Bi-209

(n,He3) Levels
293 Kelvin Cross Sections



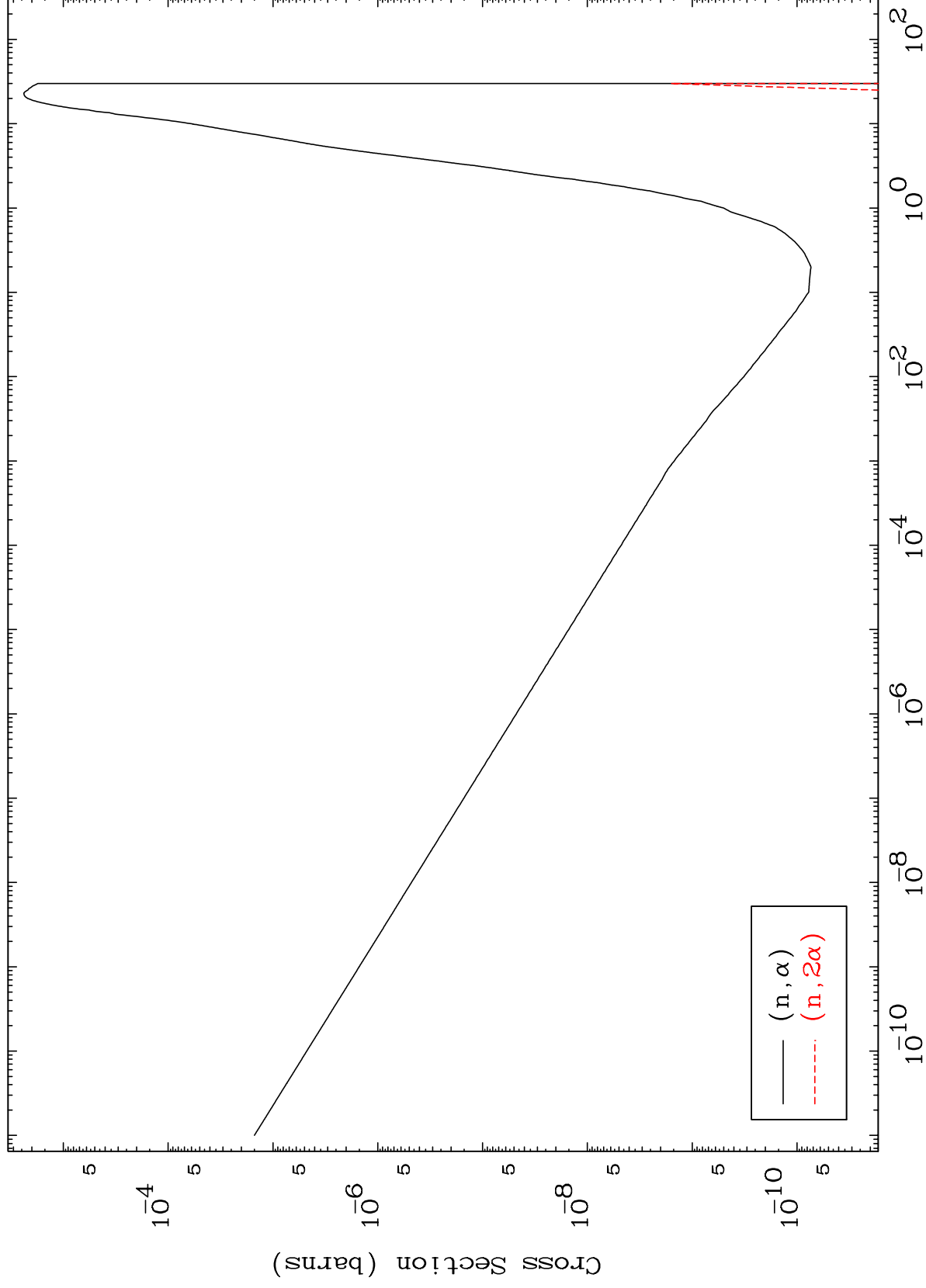
83-Bi-209

Incident Energy (MeV)

MAT 8325

(n, α) Levels
293 Kelvin Cross Sections

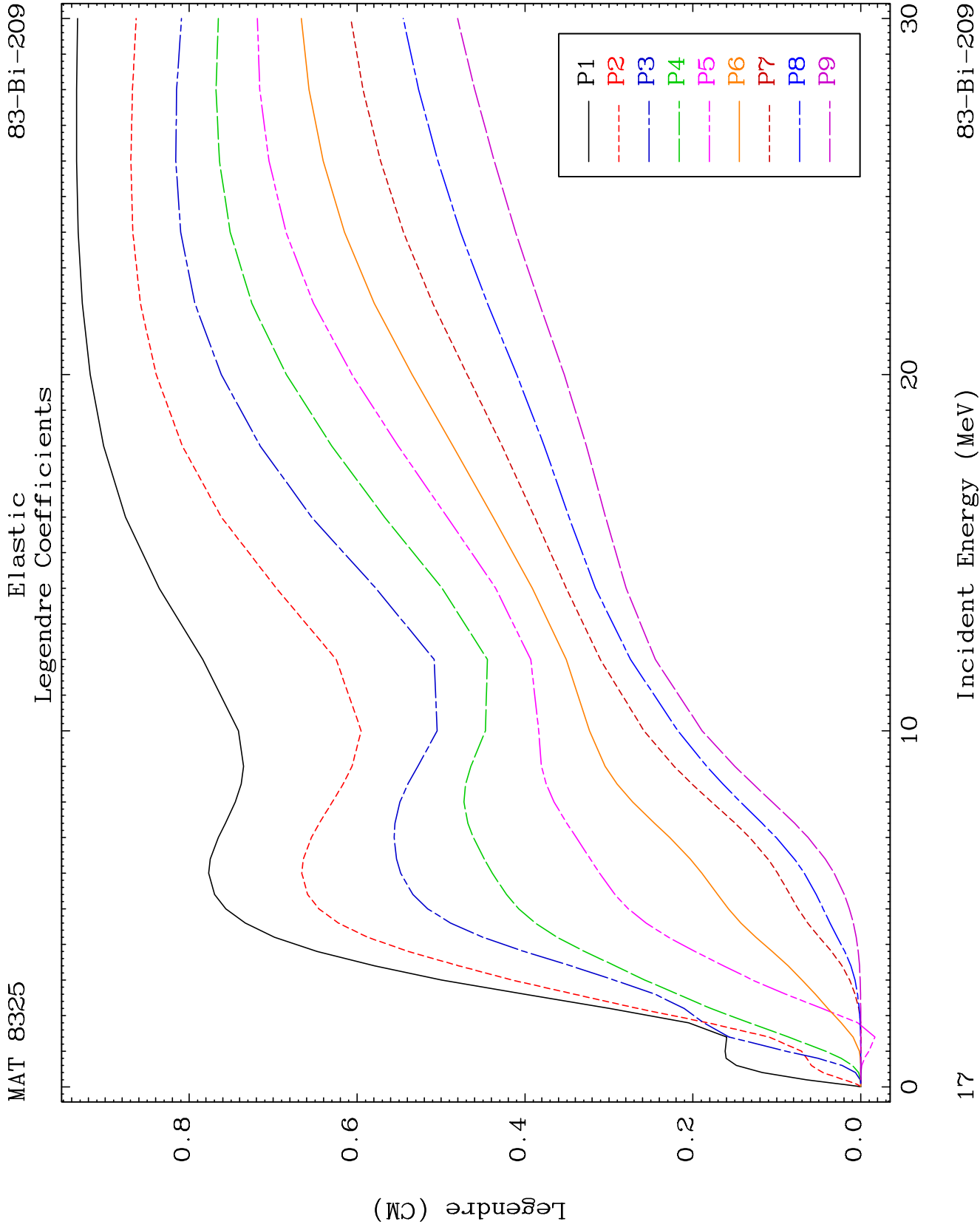
83-Bi-209

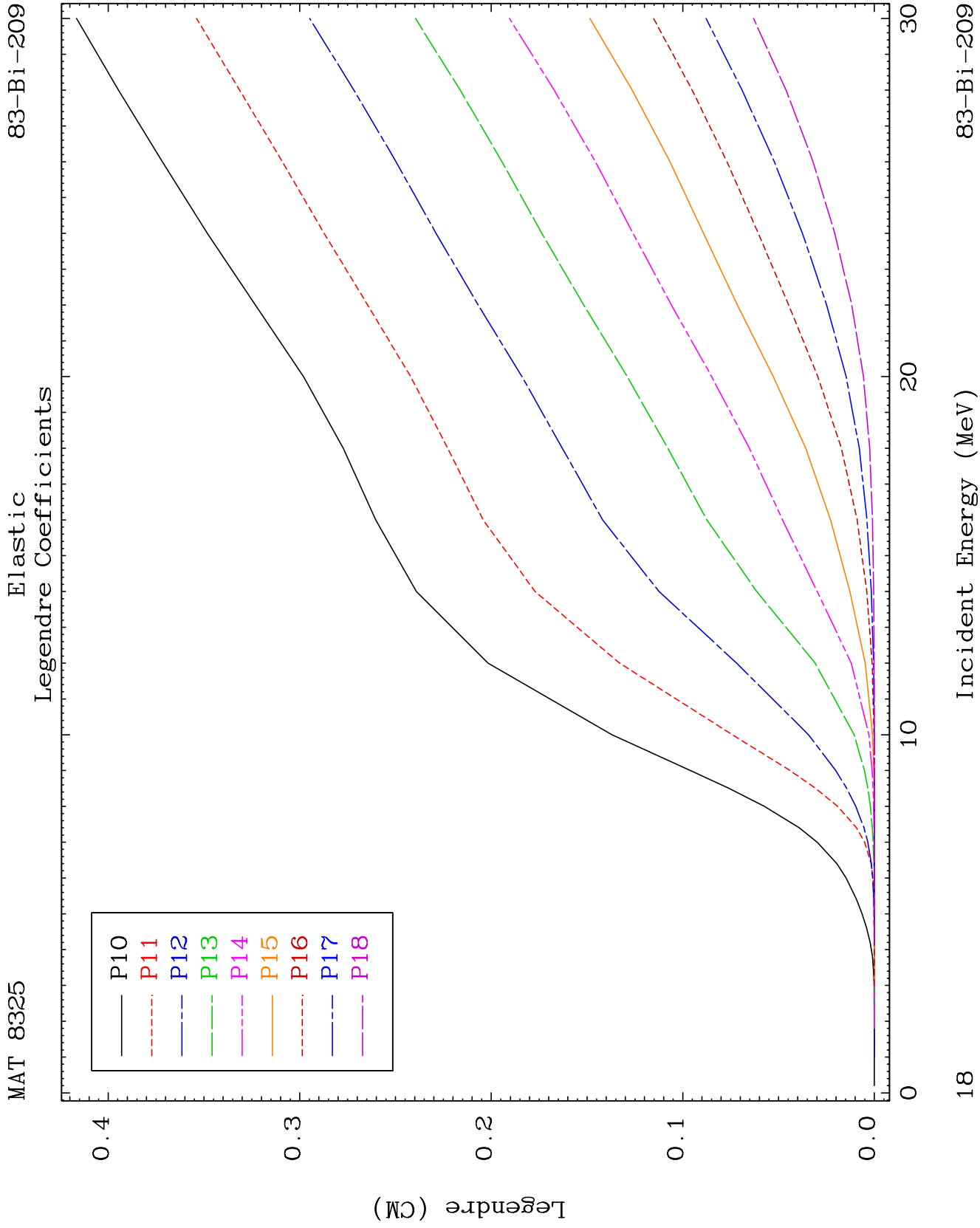


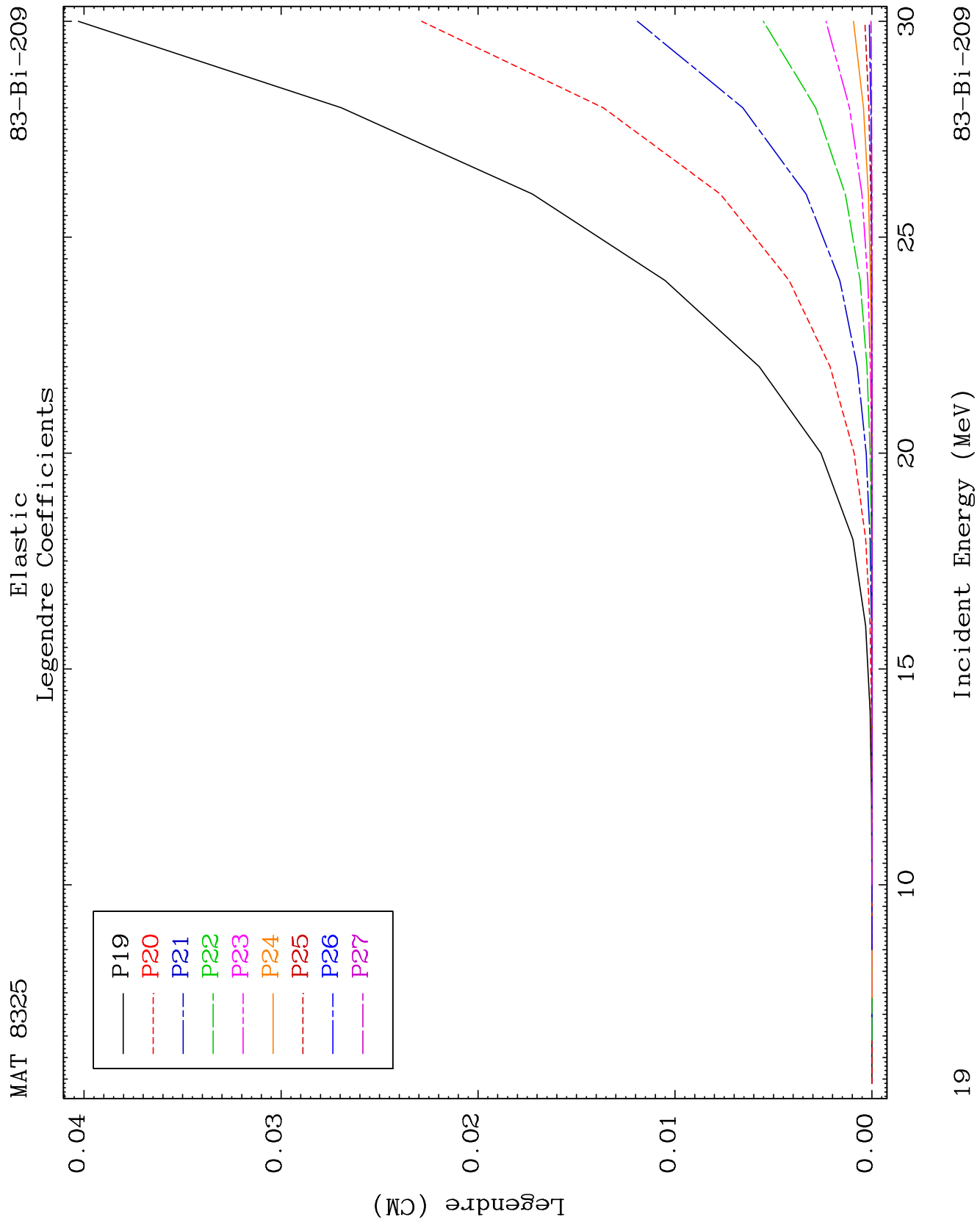
16

Incident Energy (MeV)

83-Bi-209



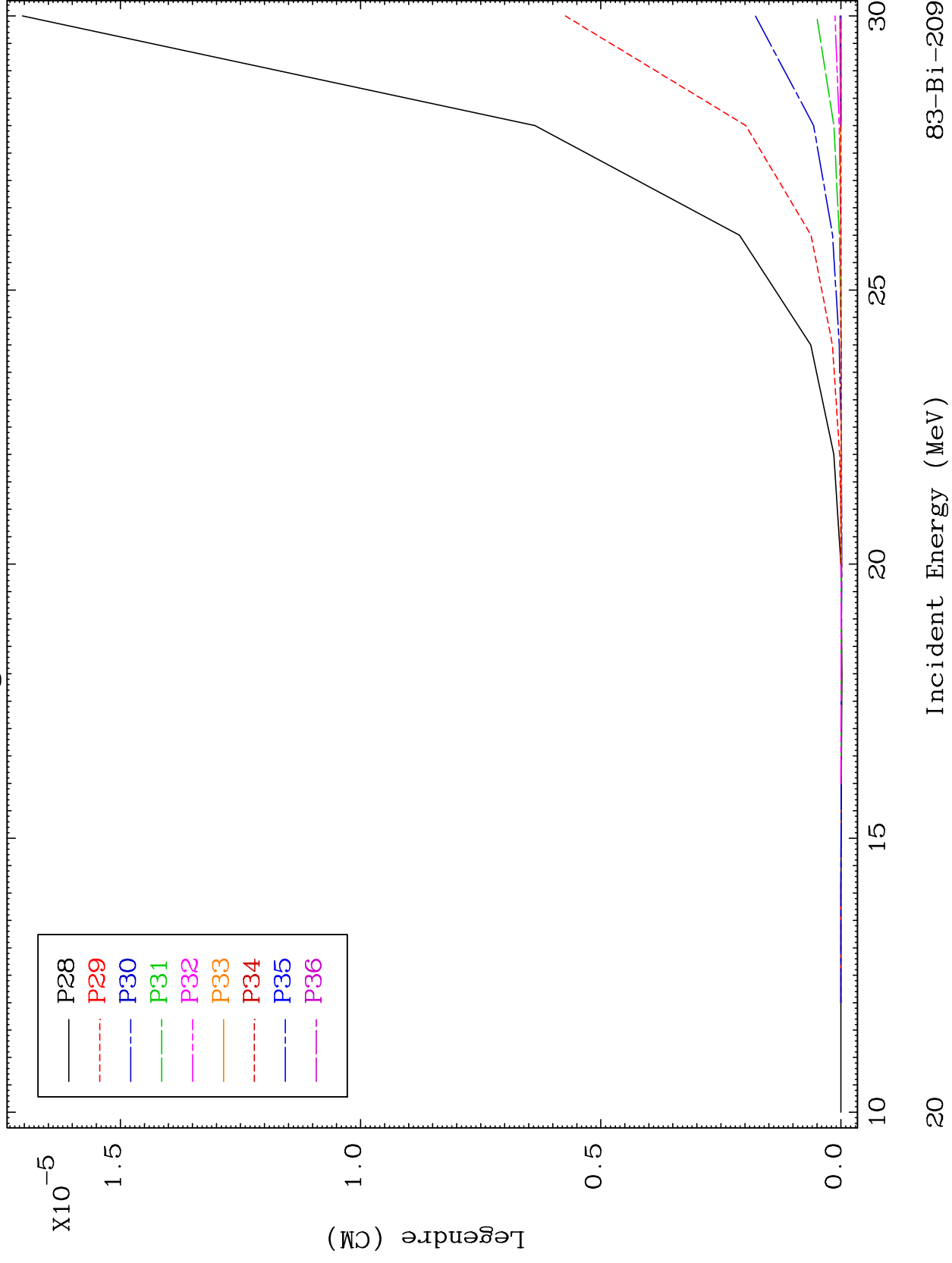




MAT 8325

Elastic Legendre Coefficients

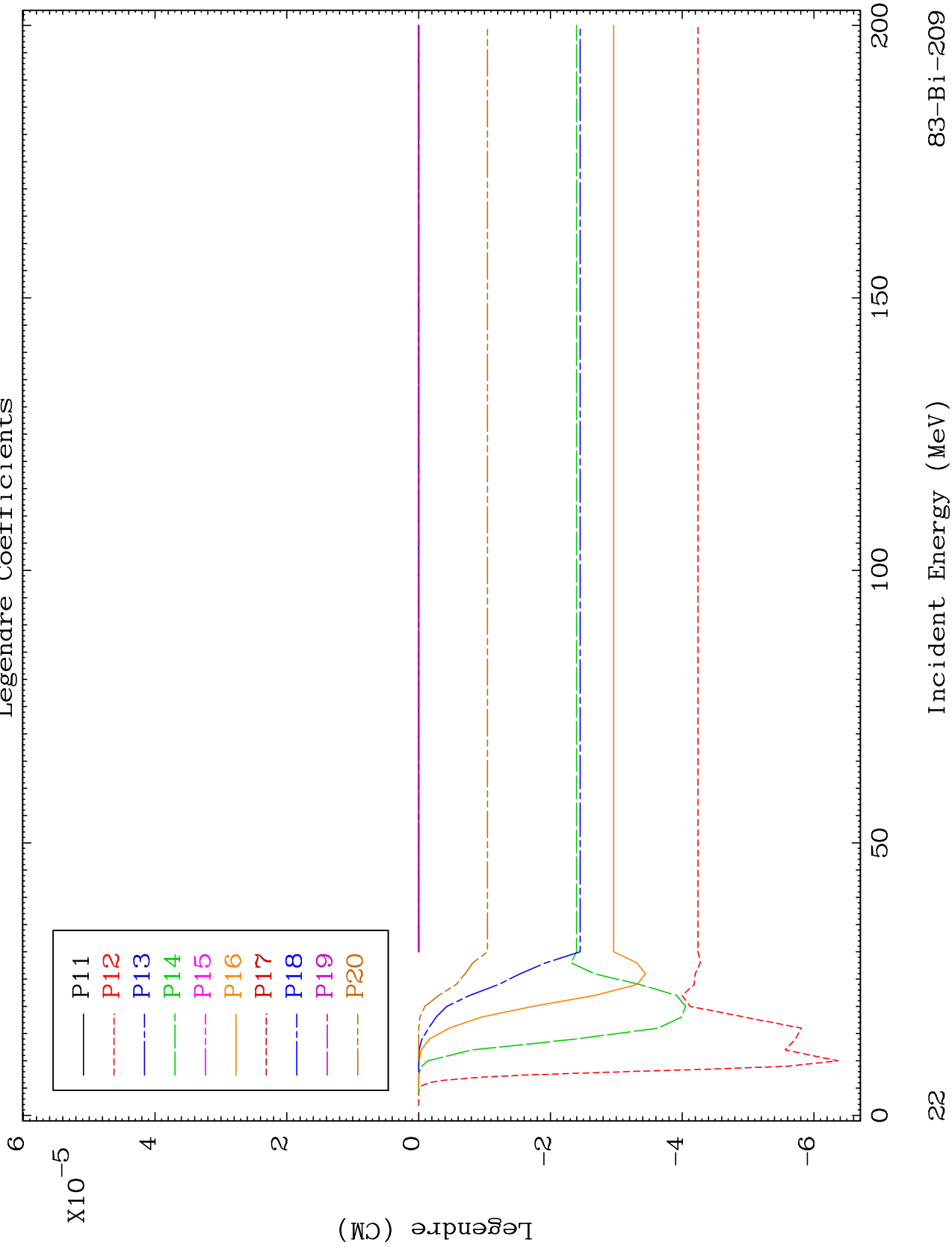
83-Bi-209

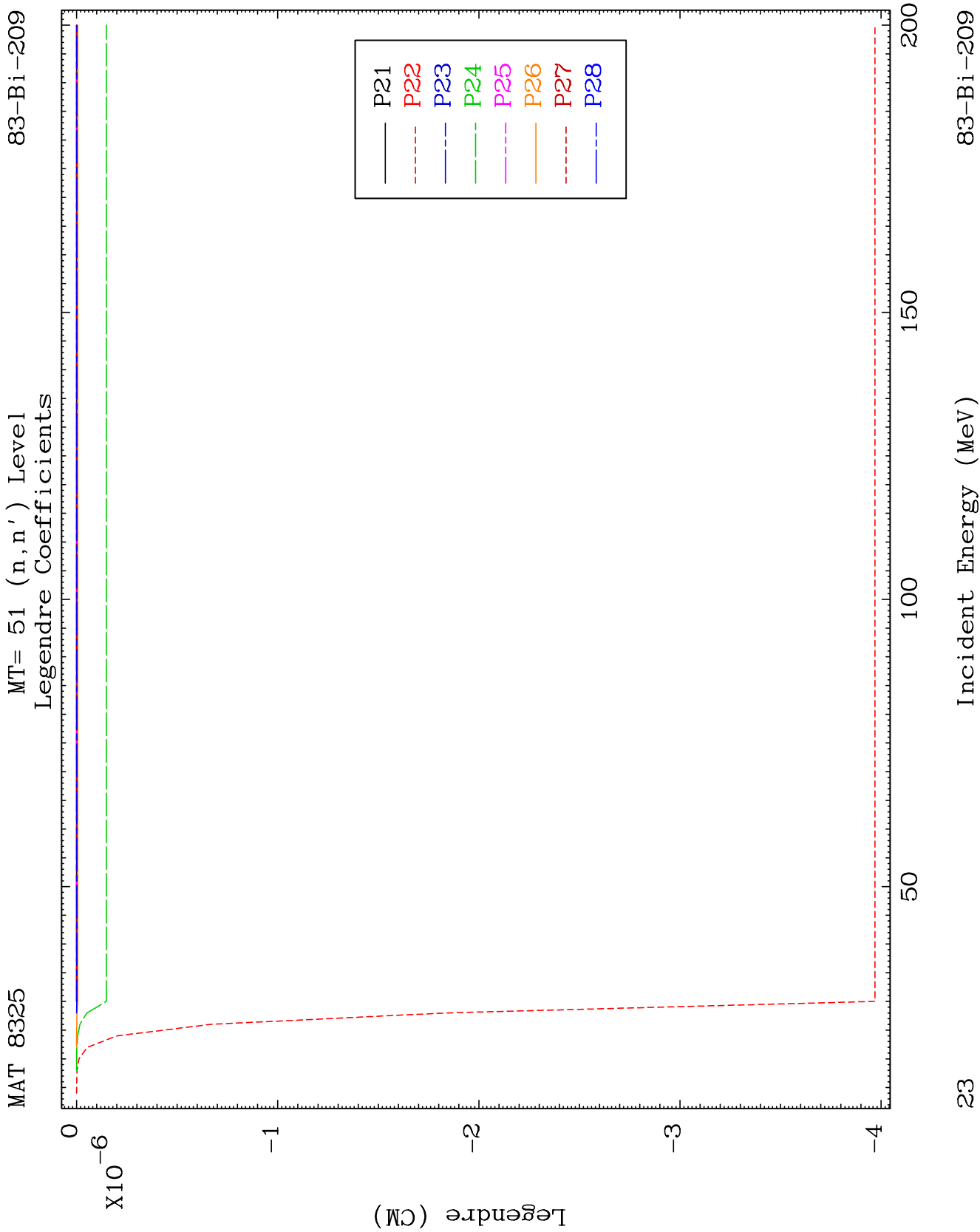


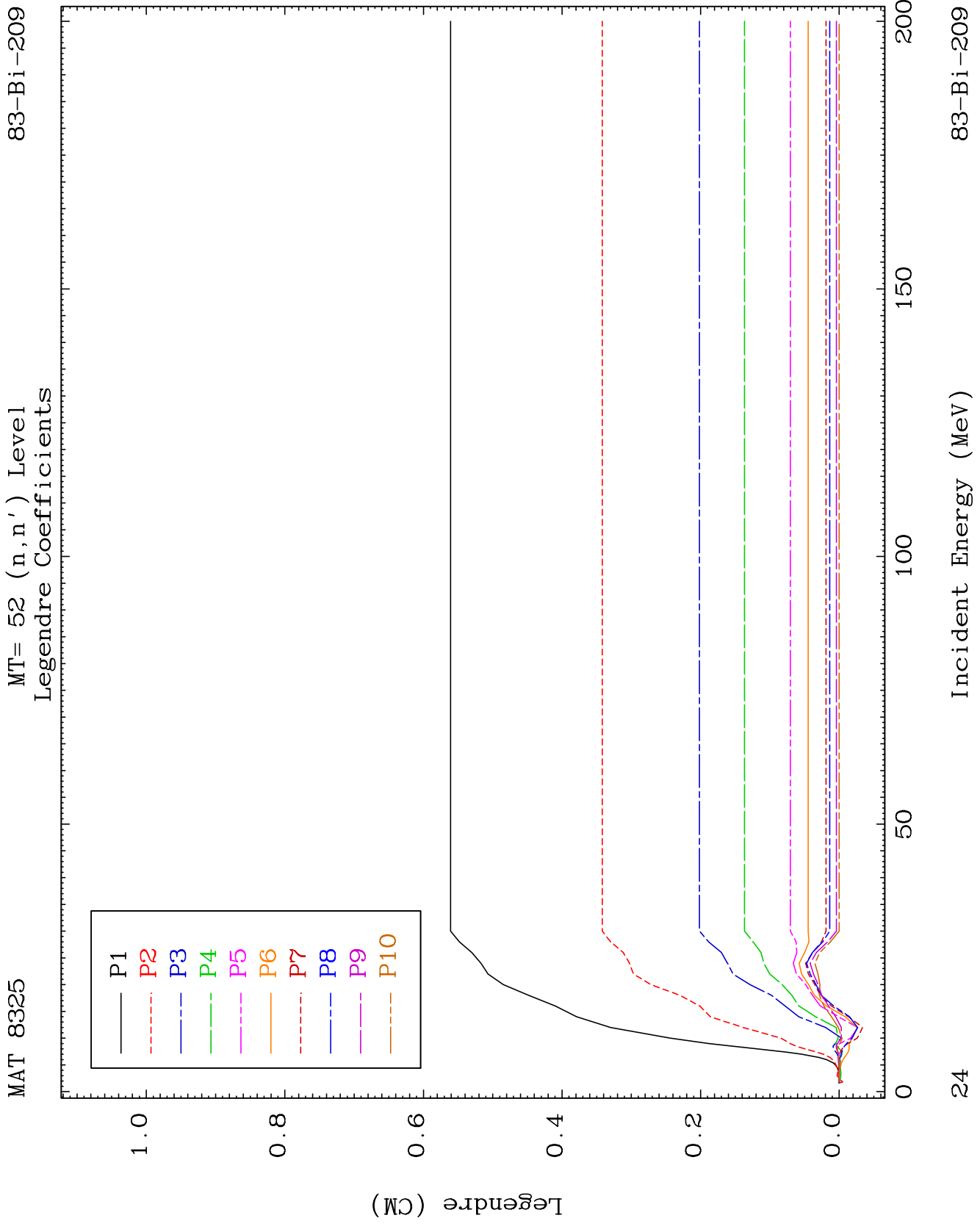
MAT 8325

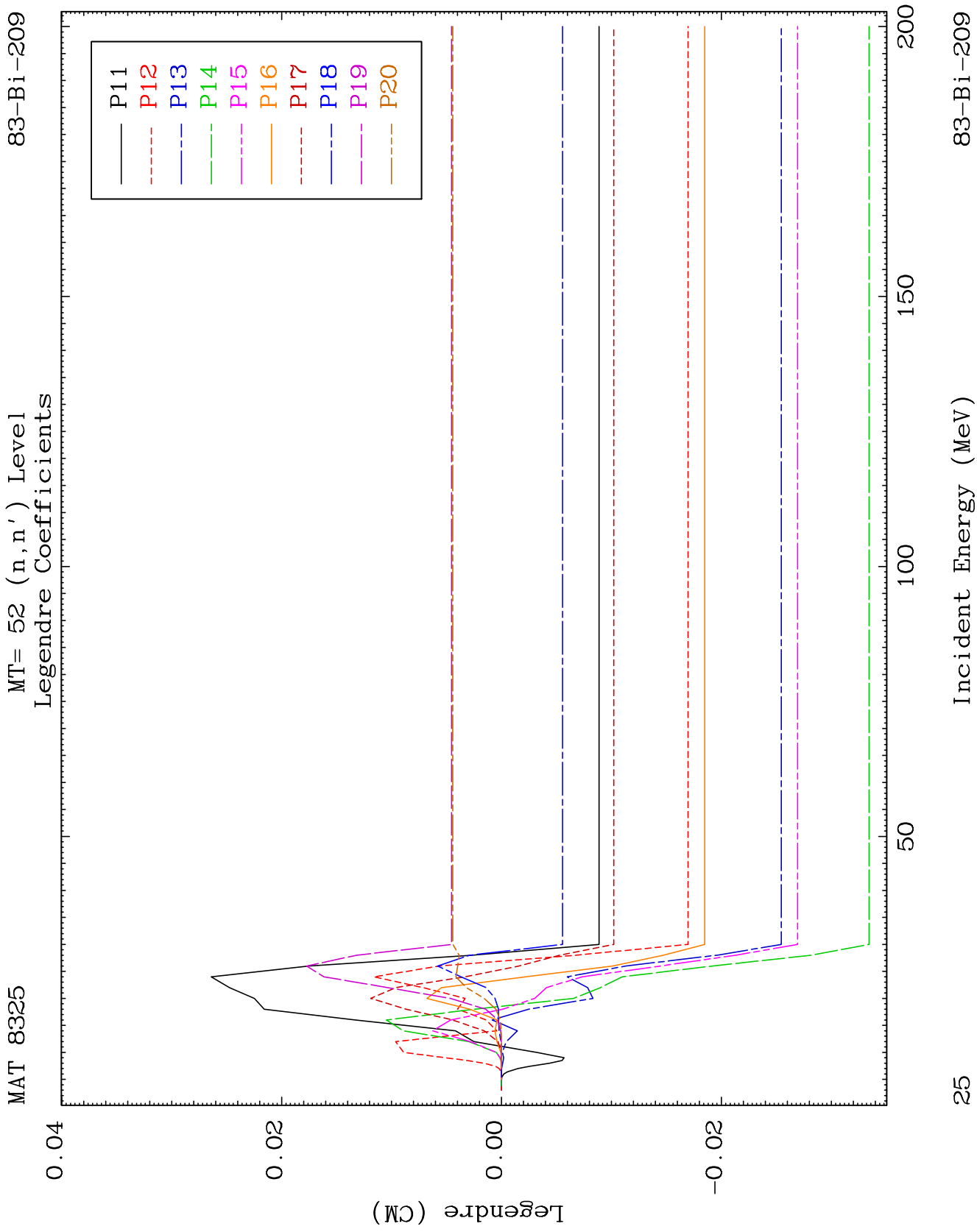
MT= 51 (n, n') Level
Legendre Coefficients

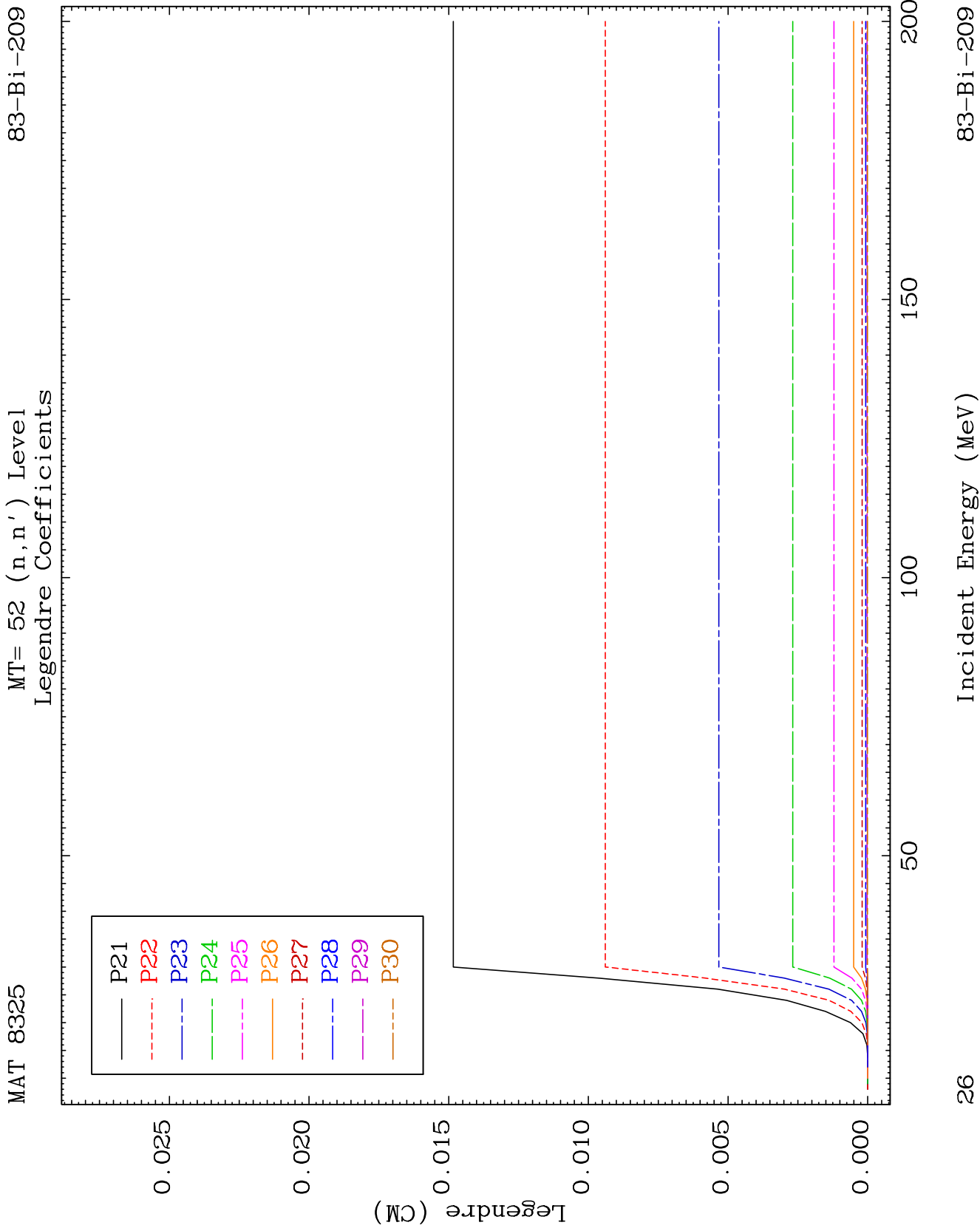
83-Bi-209

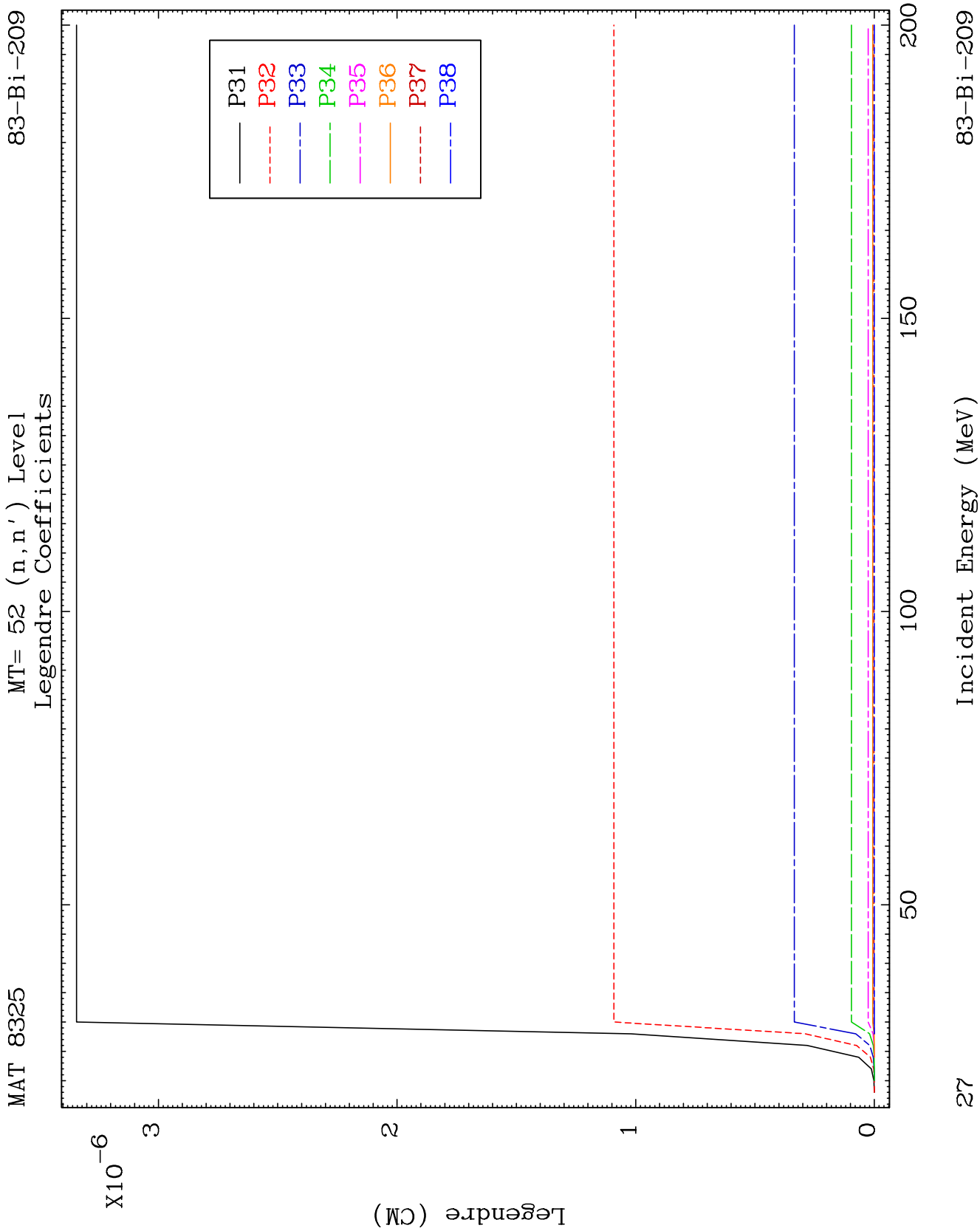


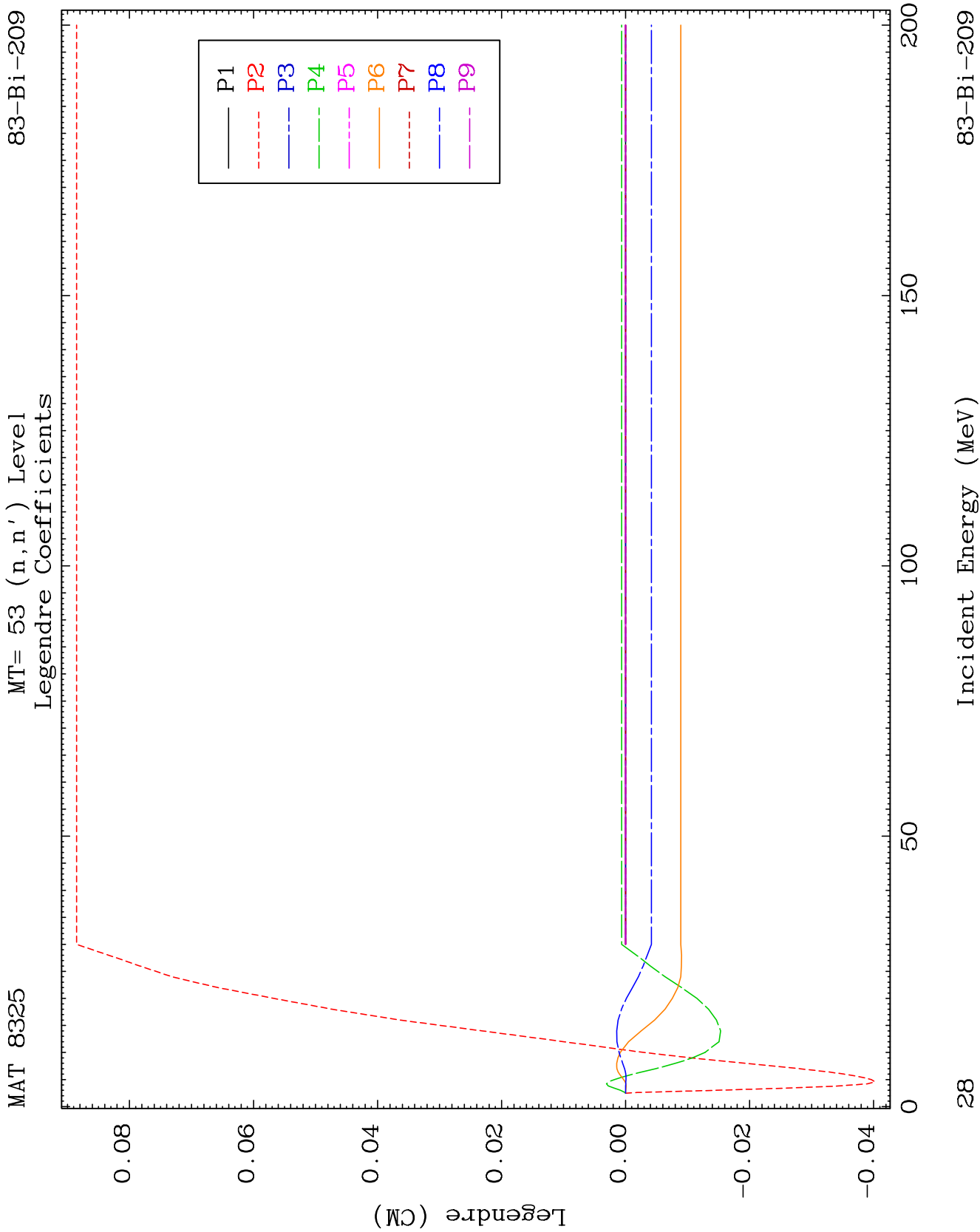








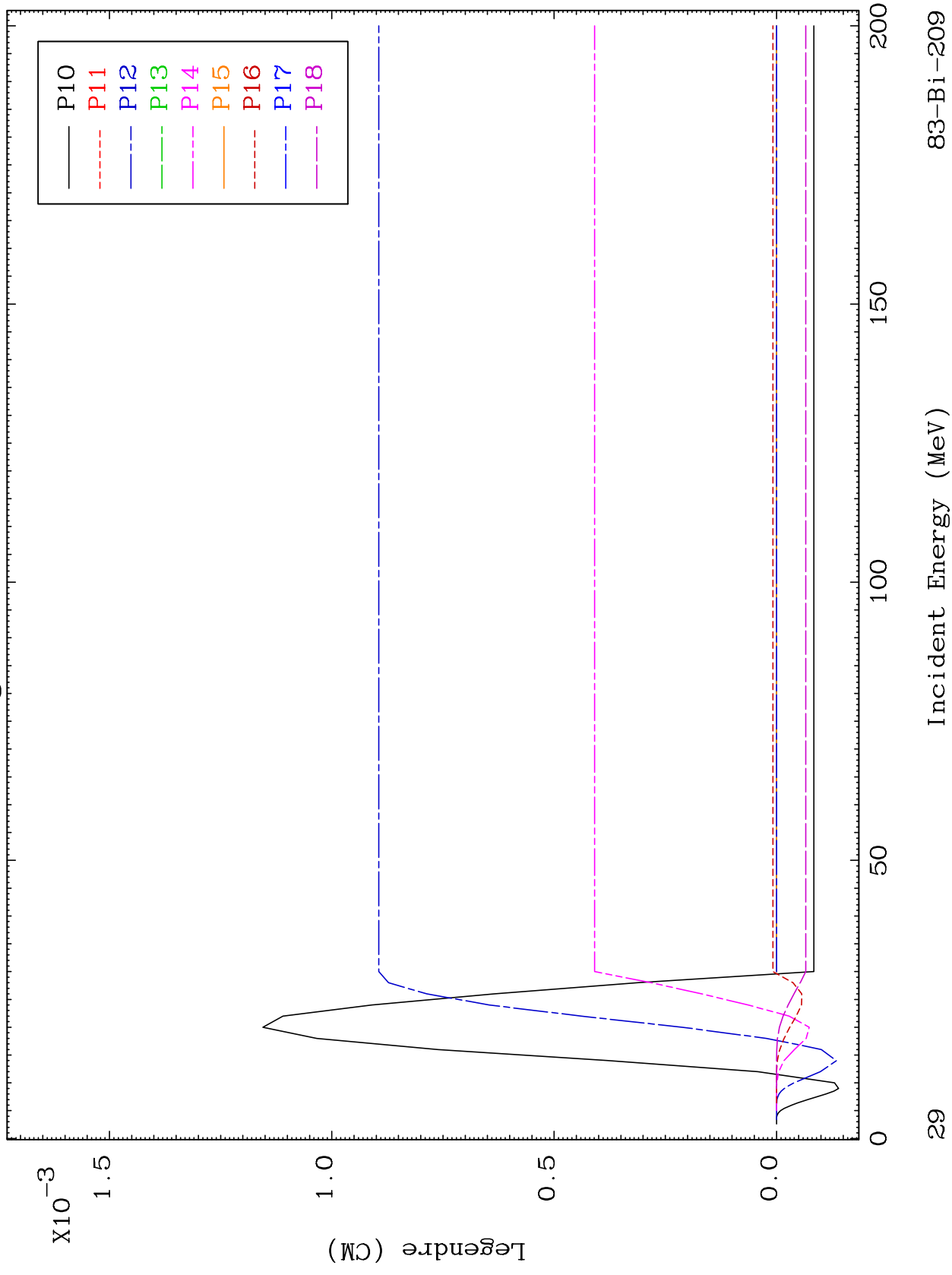


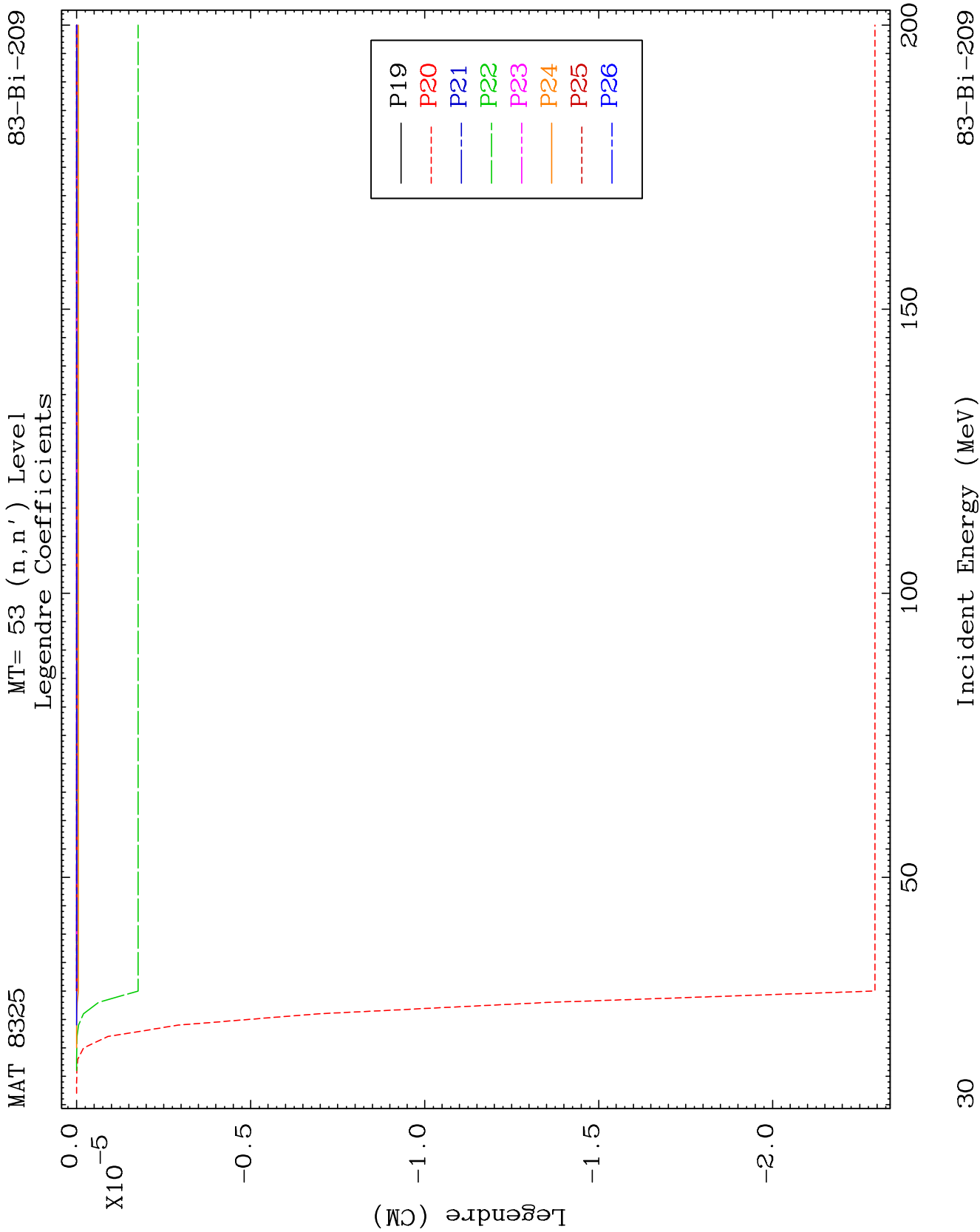


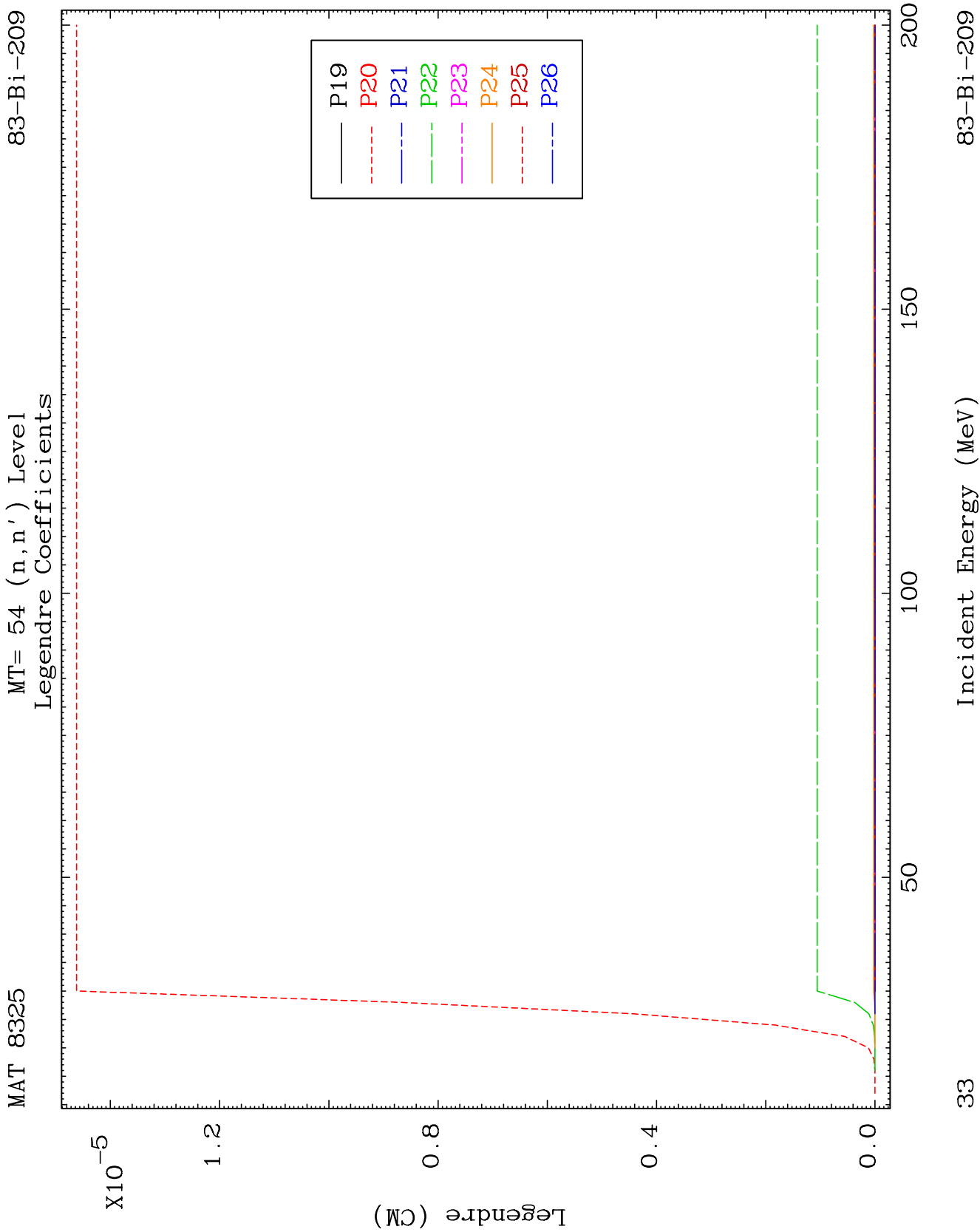
MAT 8325

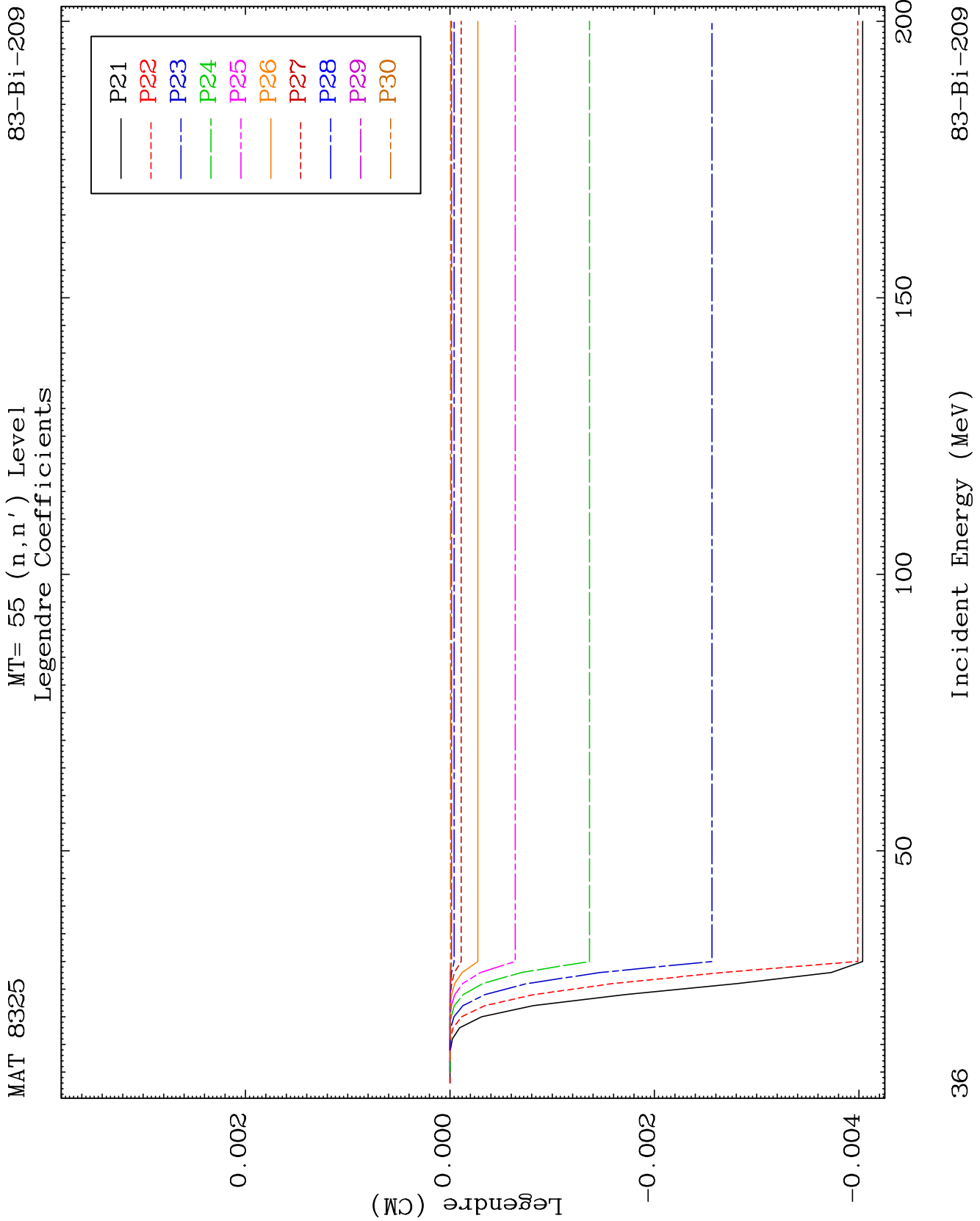
83-Bi-209

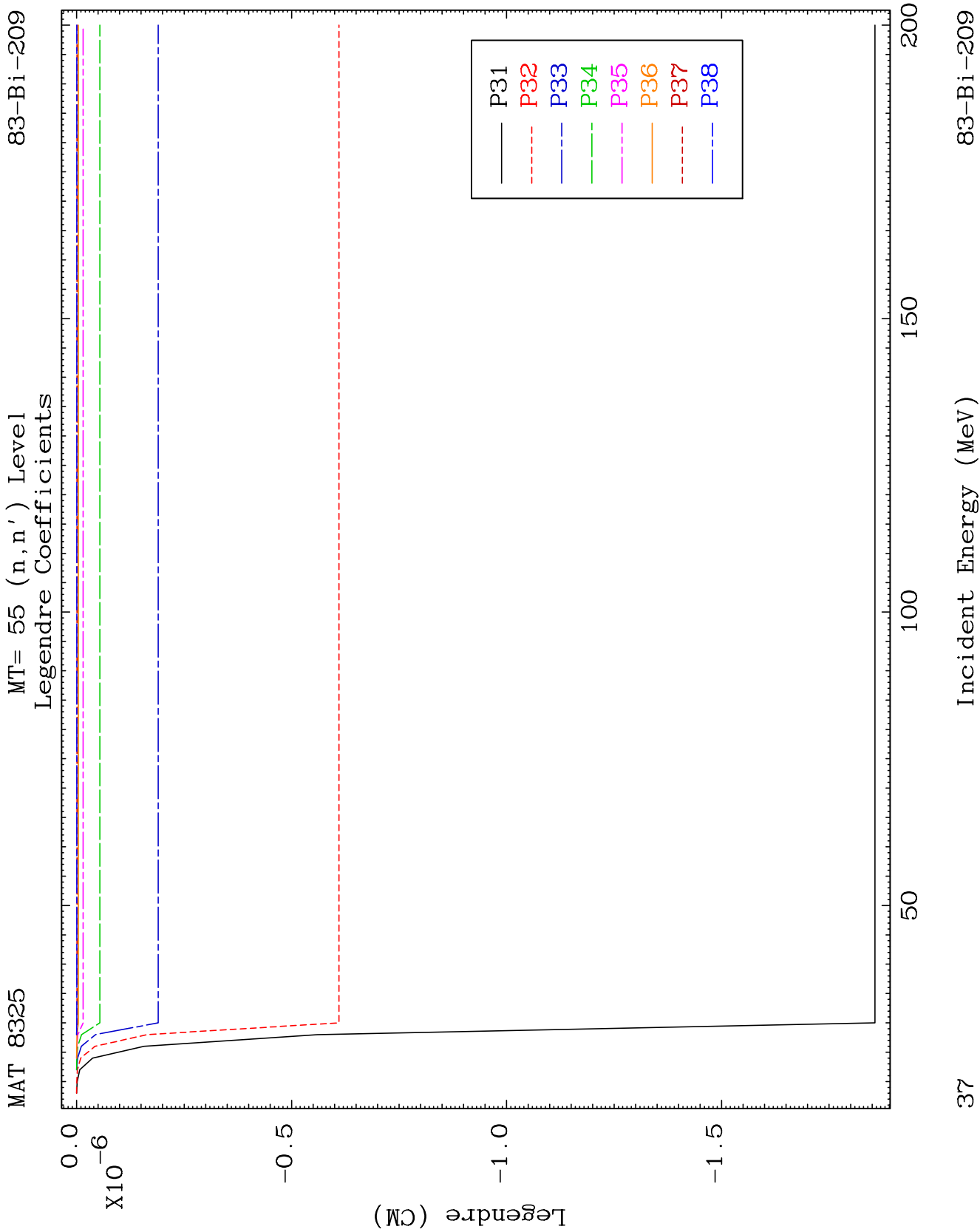
MT= 53 (n, n') Level
Legendre Coefficients







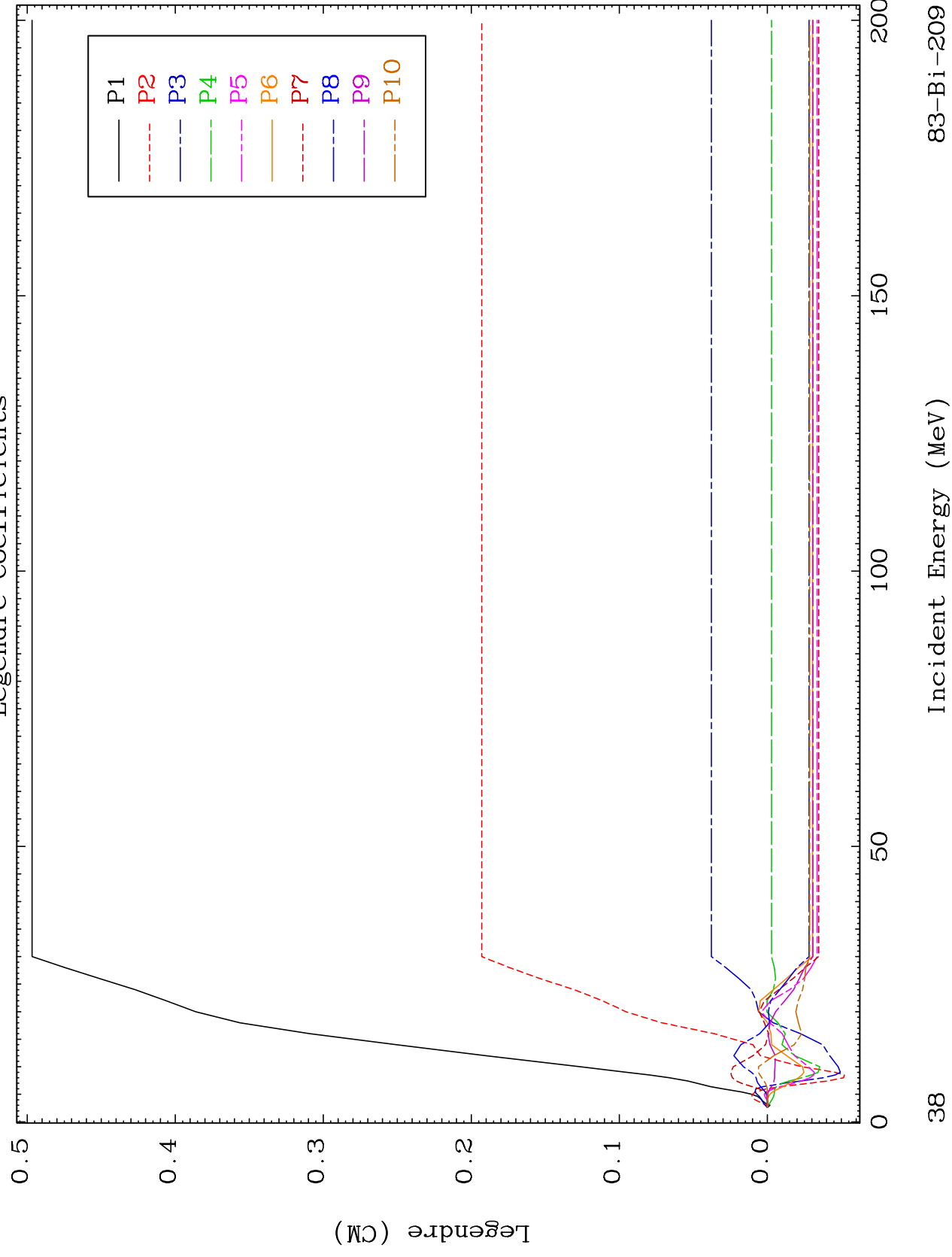


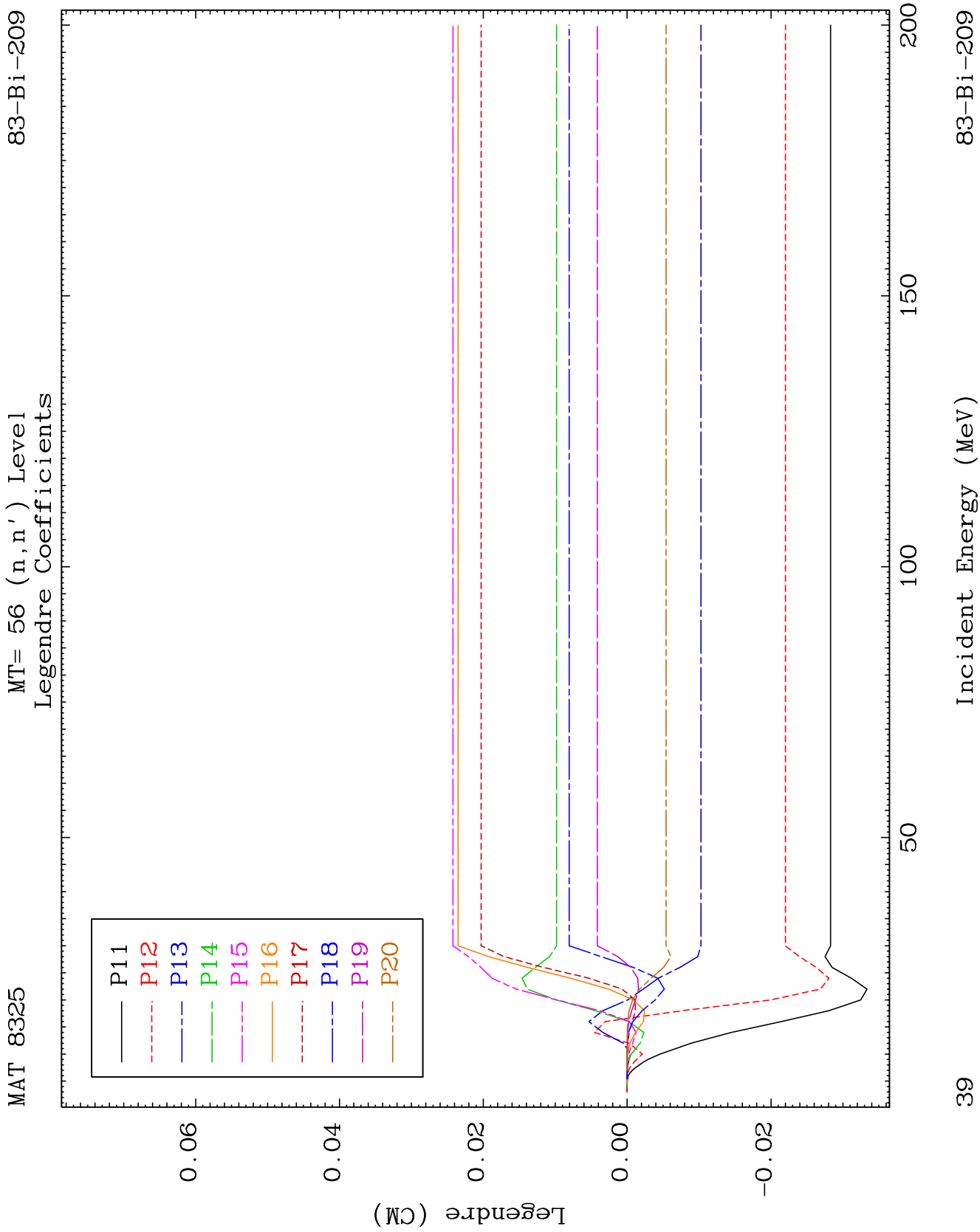


MAT 8325

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

83-Bi-209

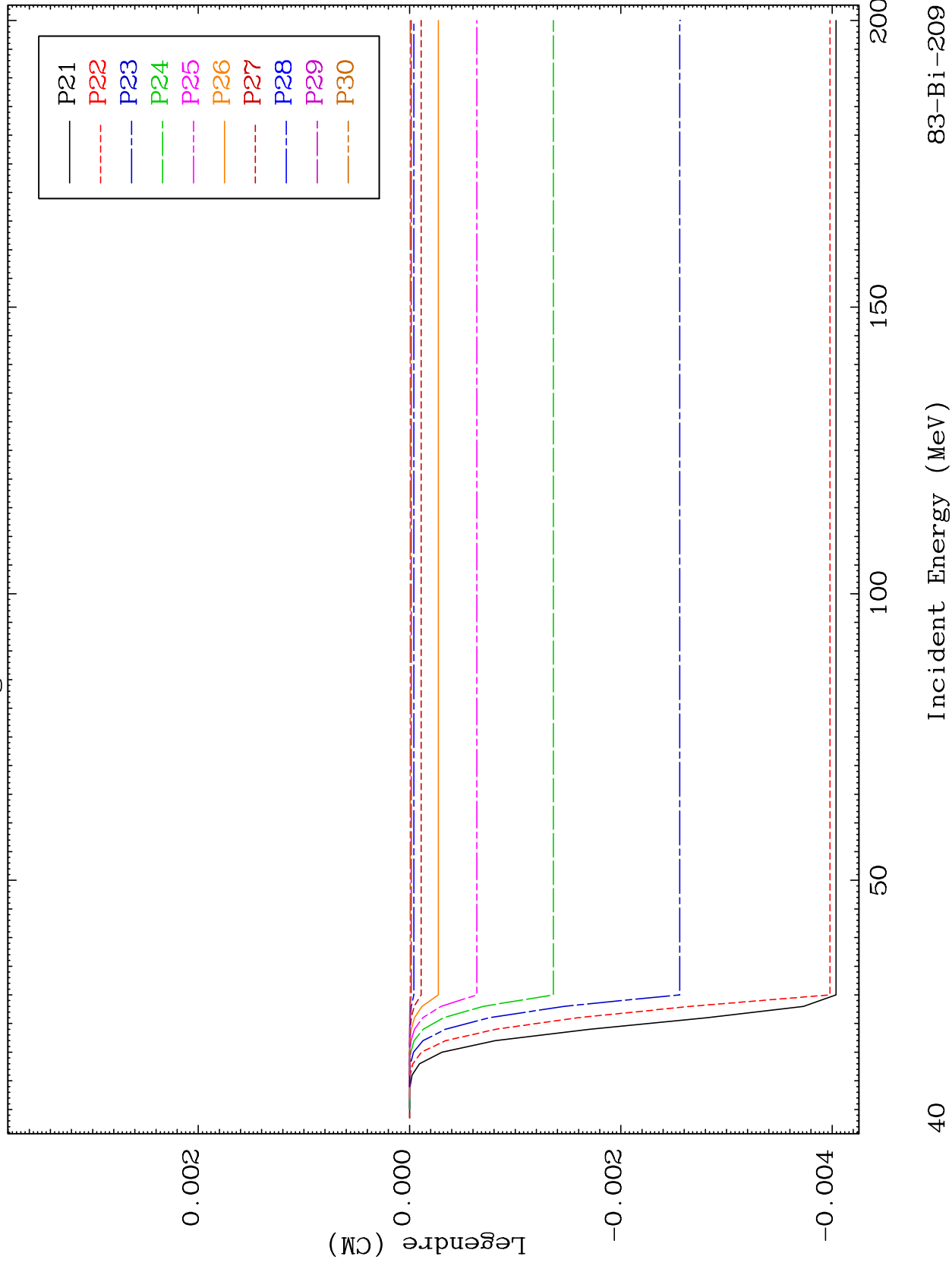


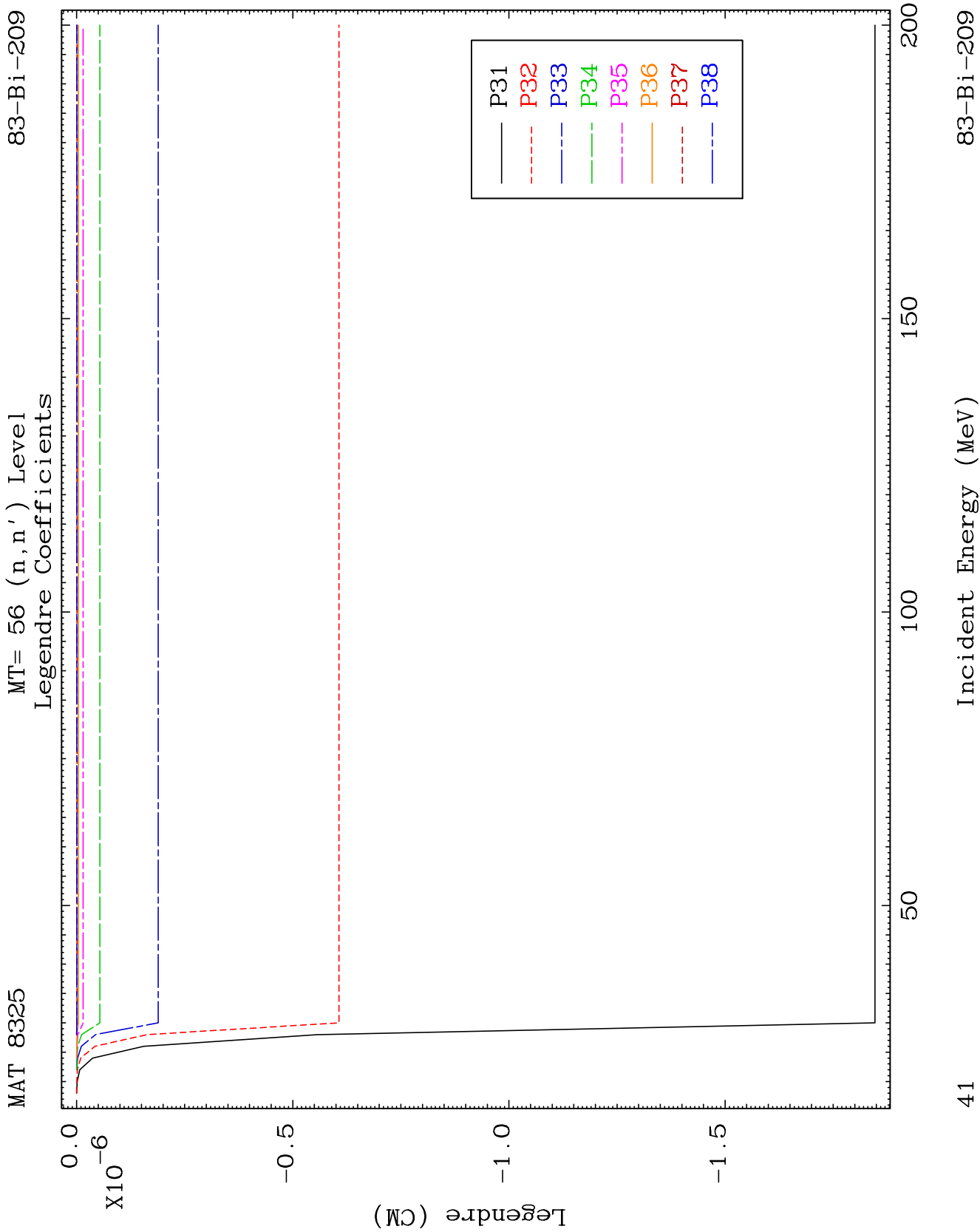


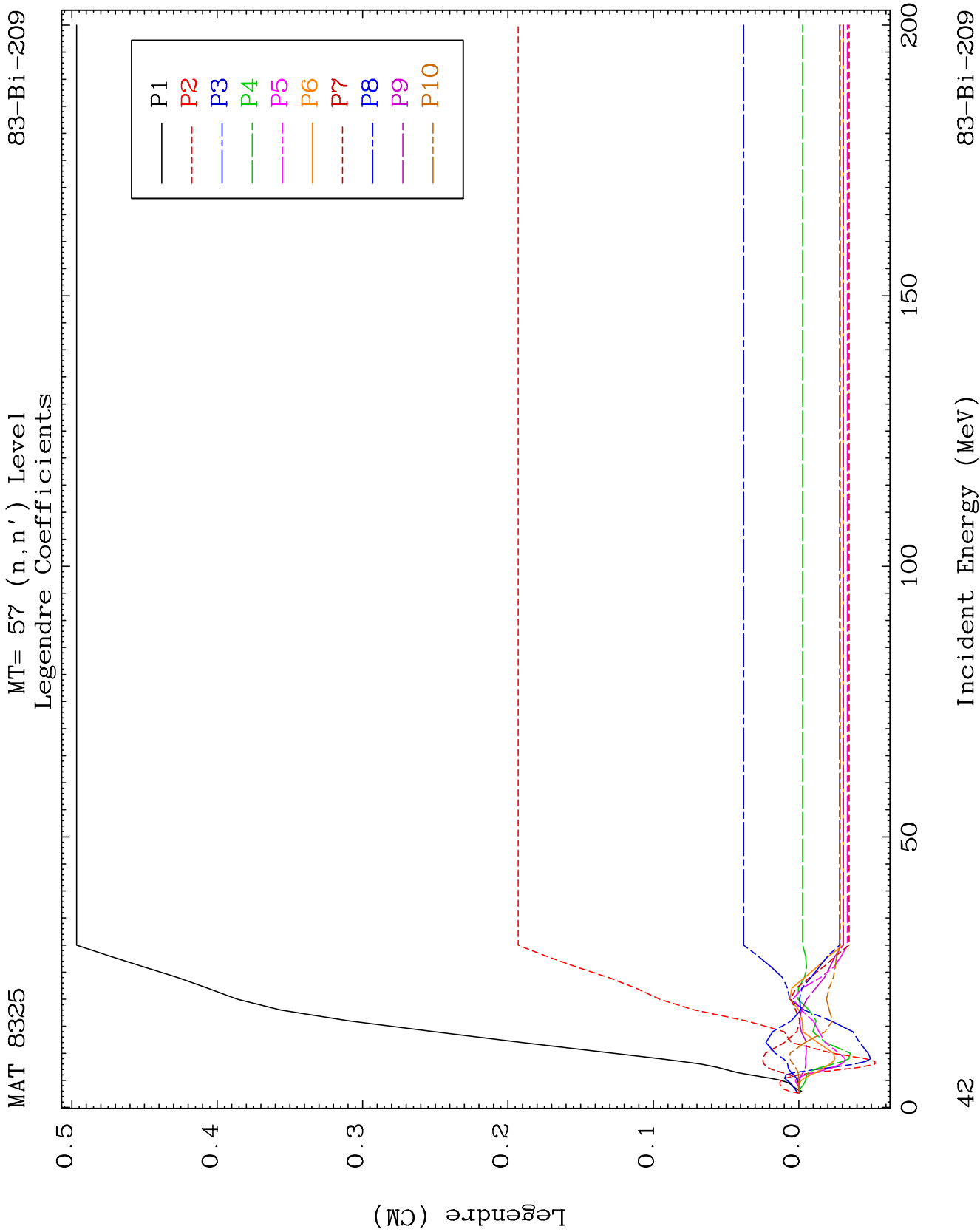
MAT 8325

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

83-Bi-209



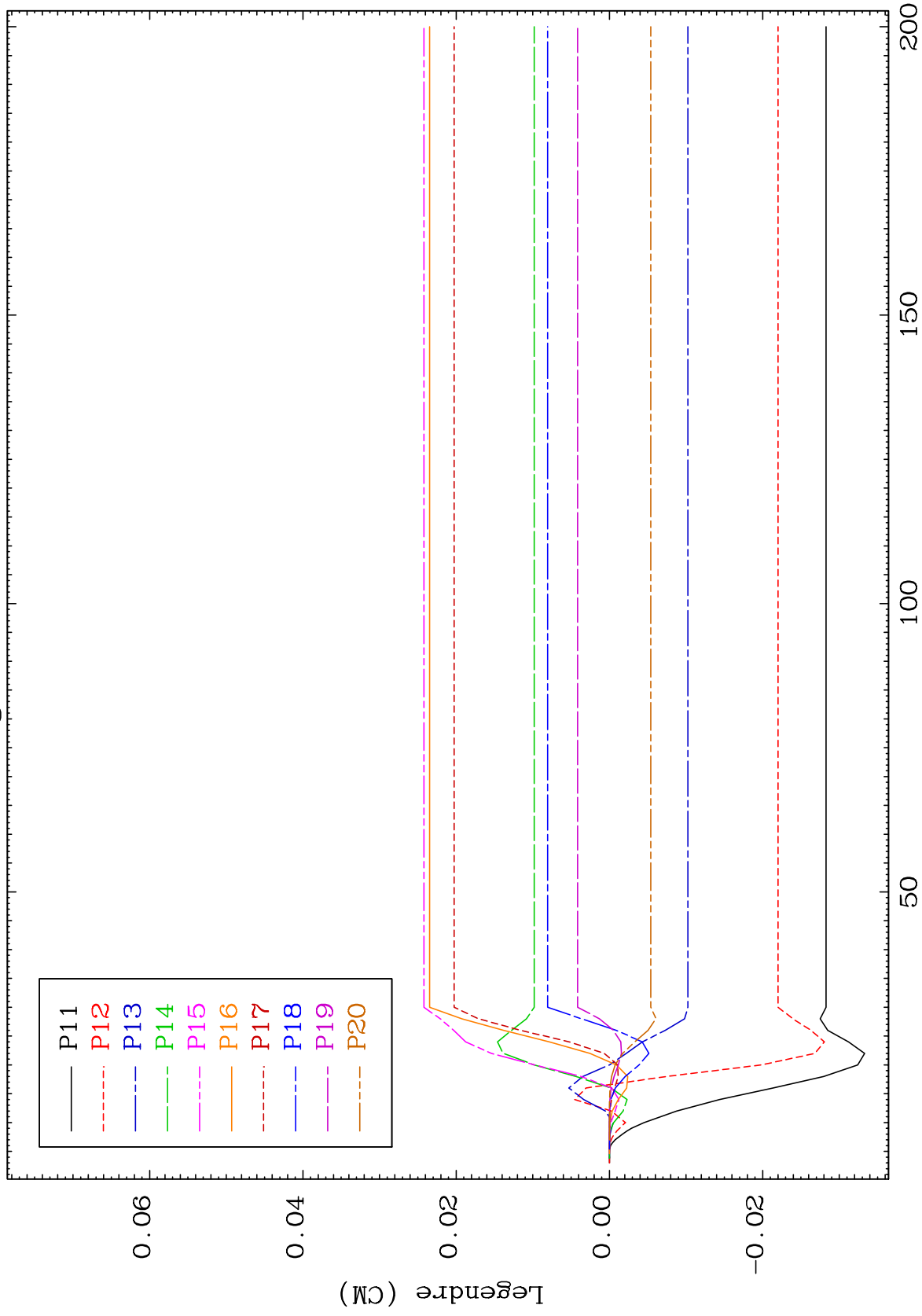




MAT 8325

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

83-Bi-209



43

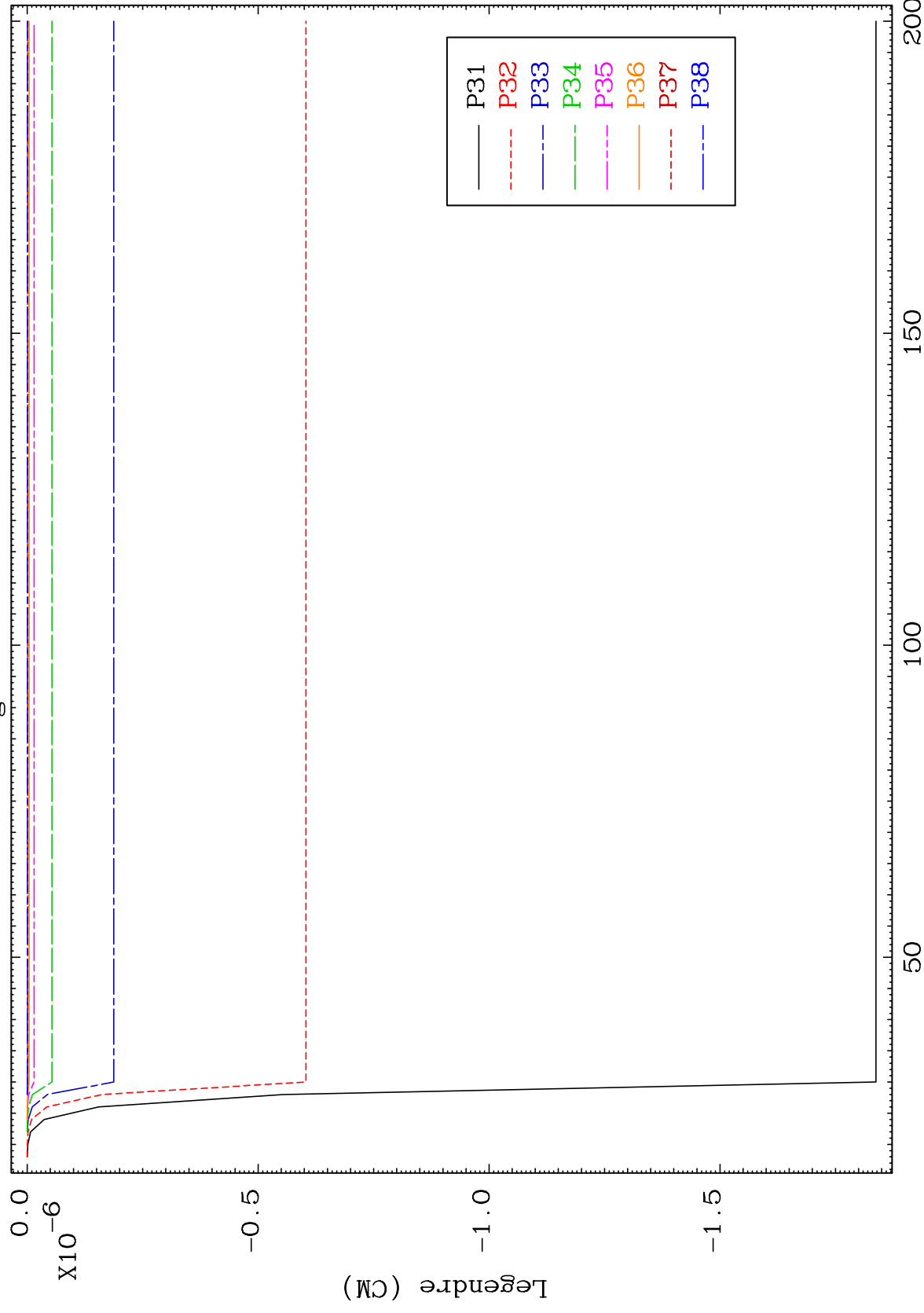
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

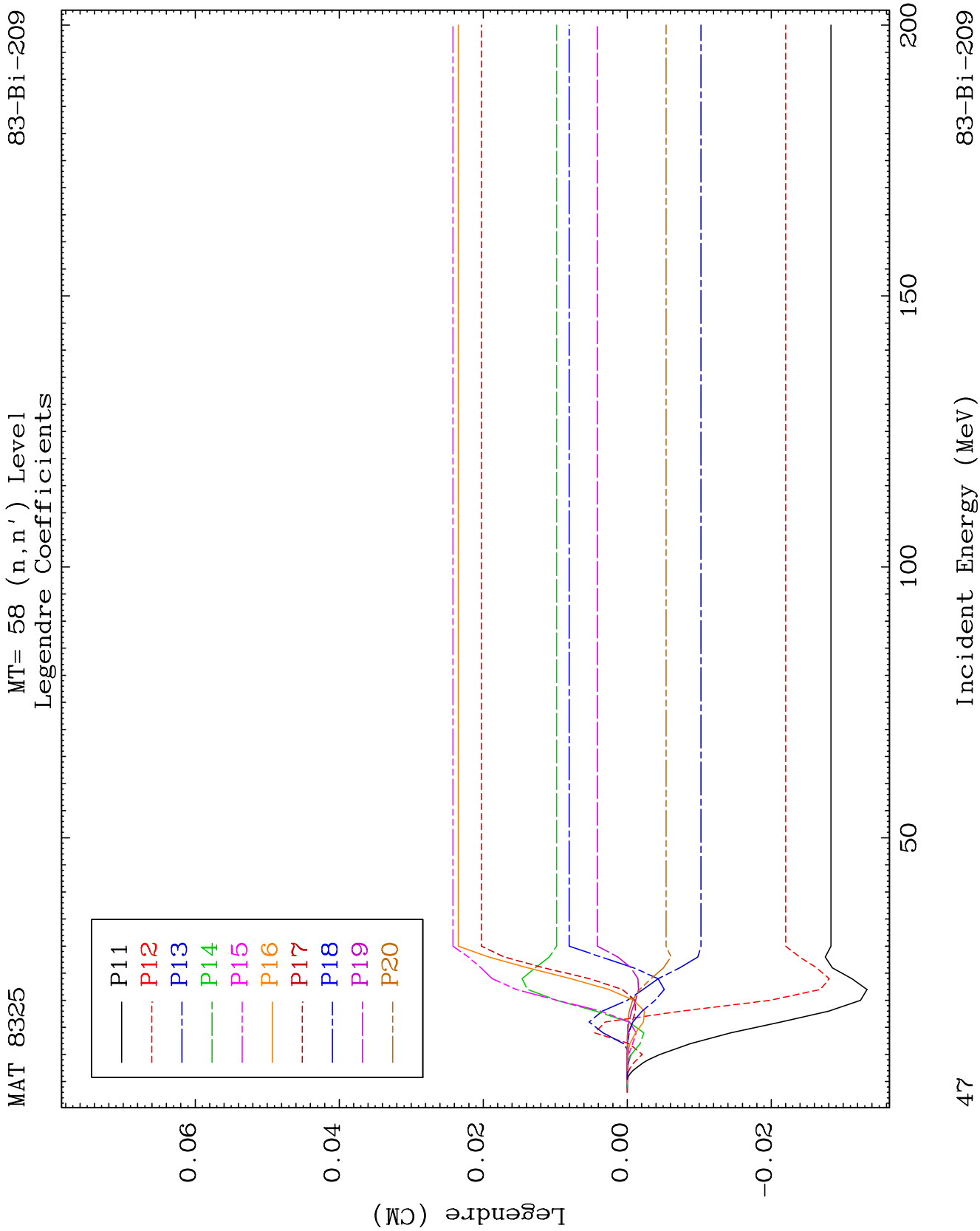
83-Bi-209

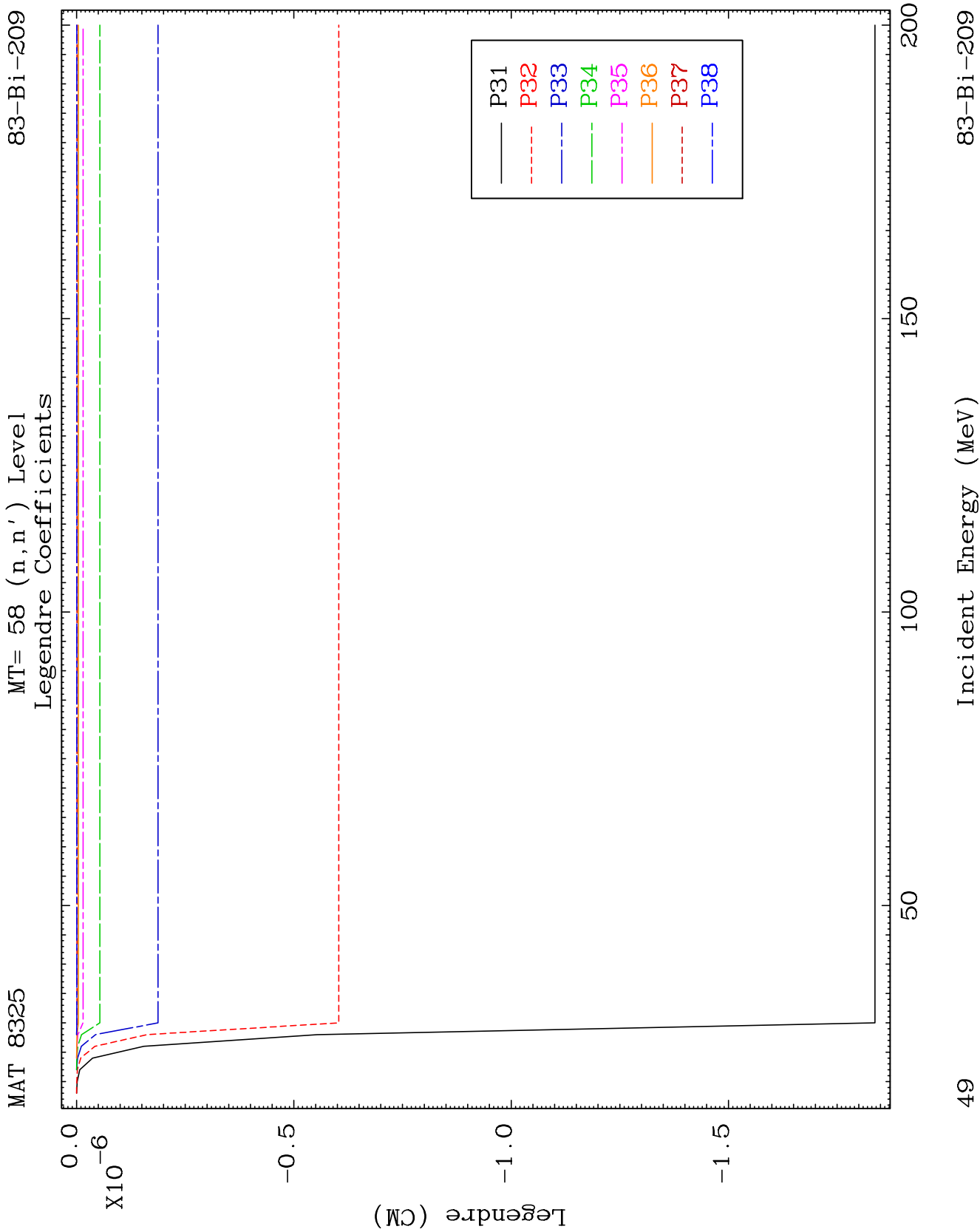


45

Incident Energy (MeV)

83-Bi-209

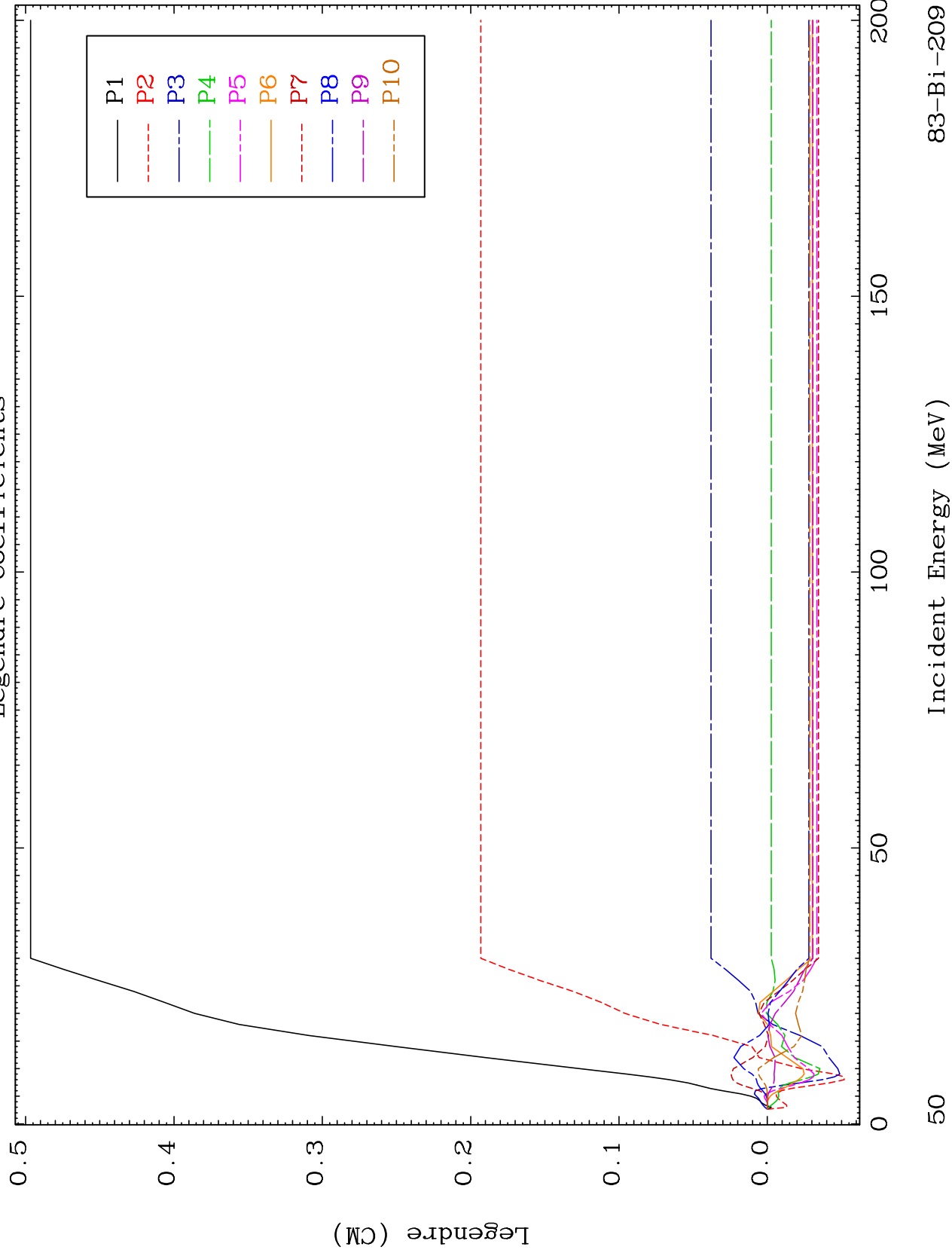




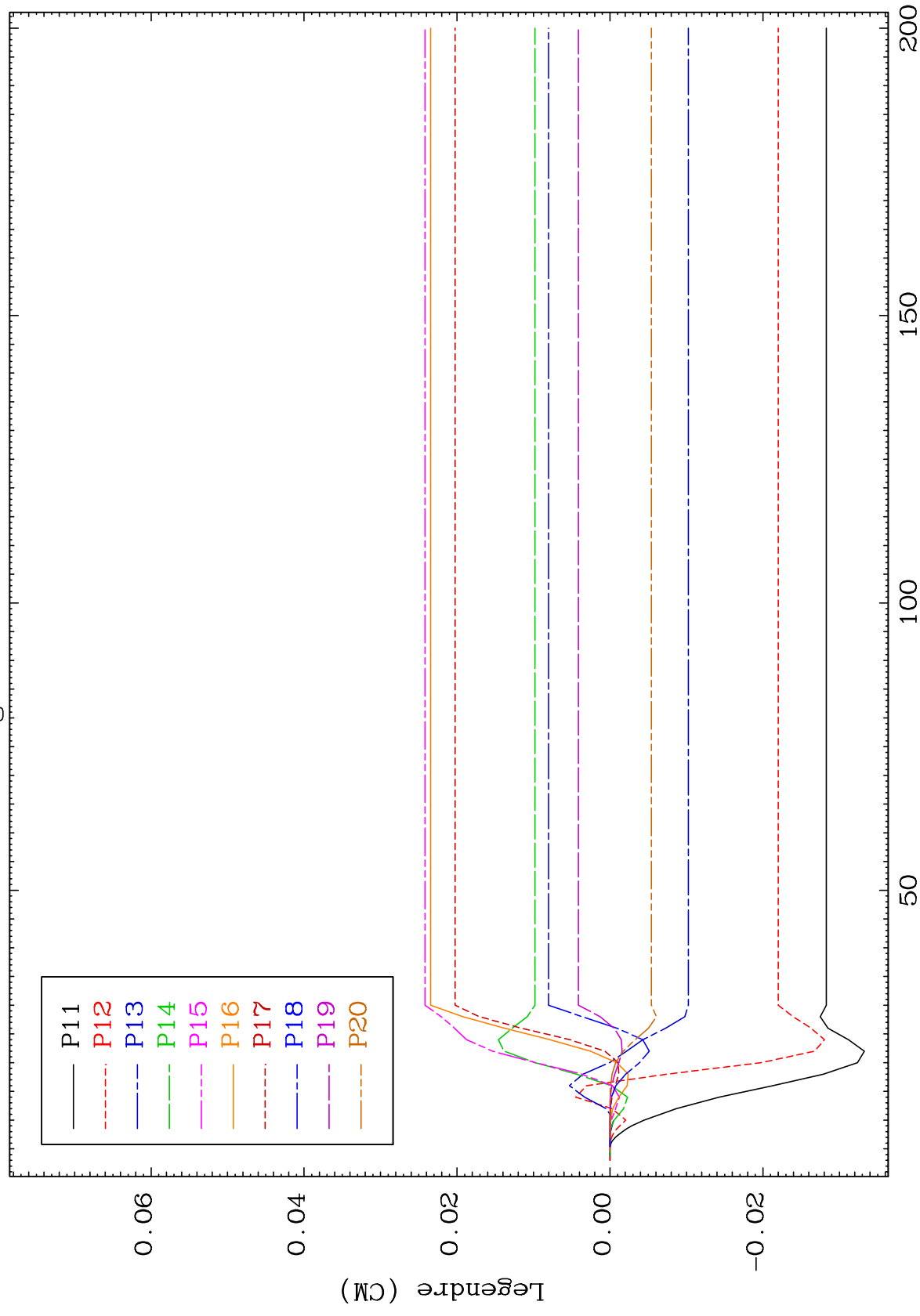
MAT 8325

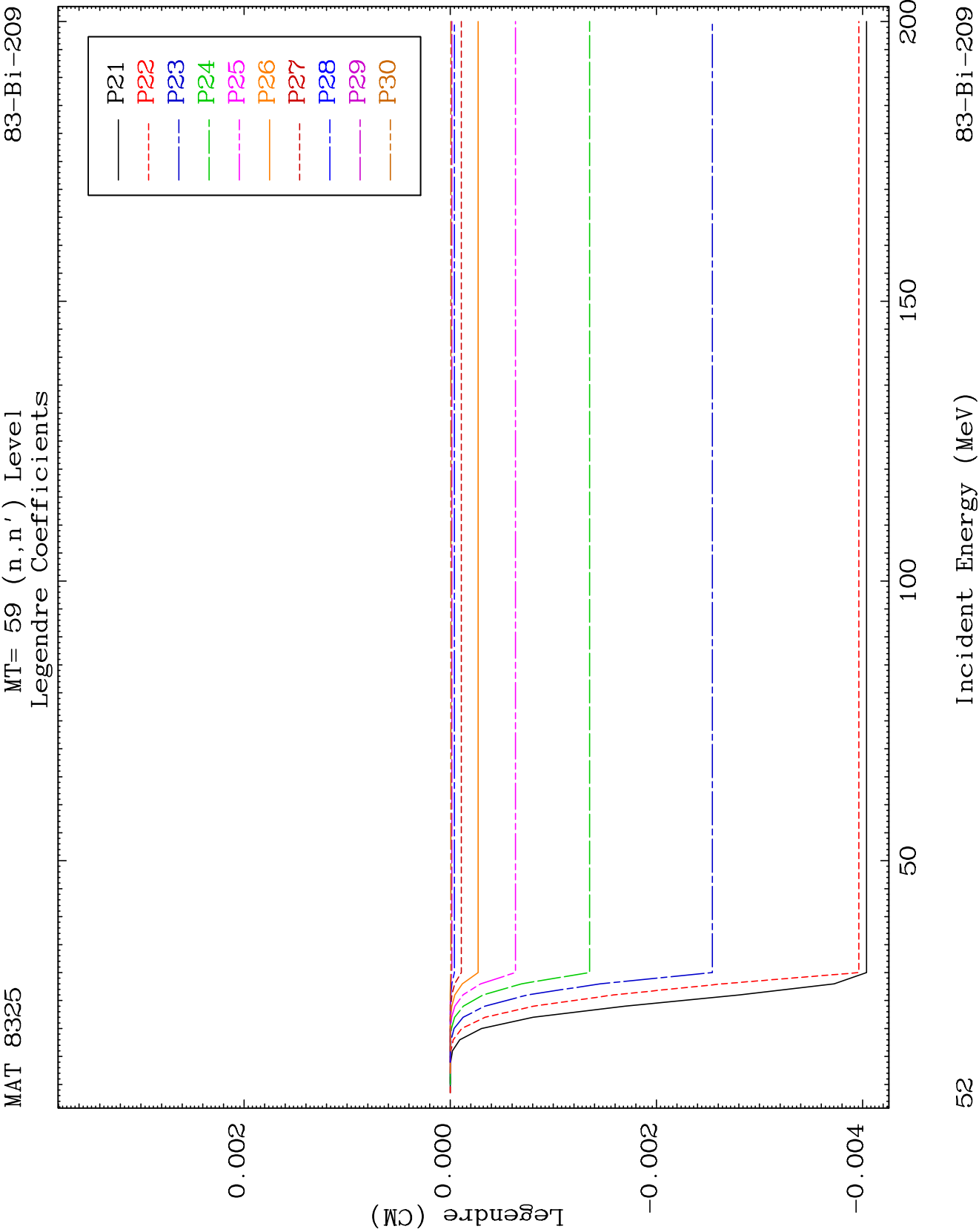
MT= 59 (n, n') Level
Legendre Coefficients

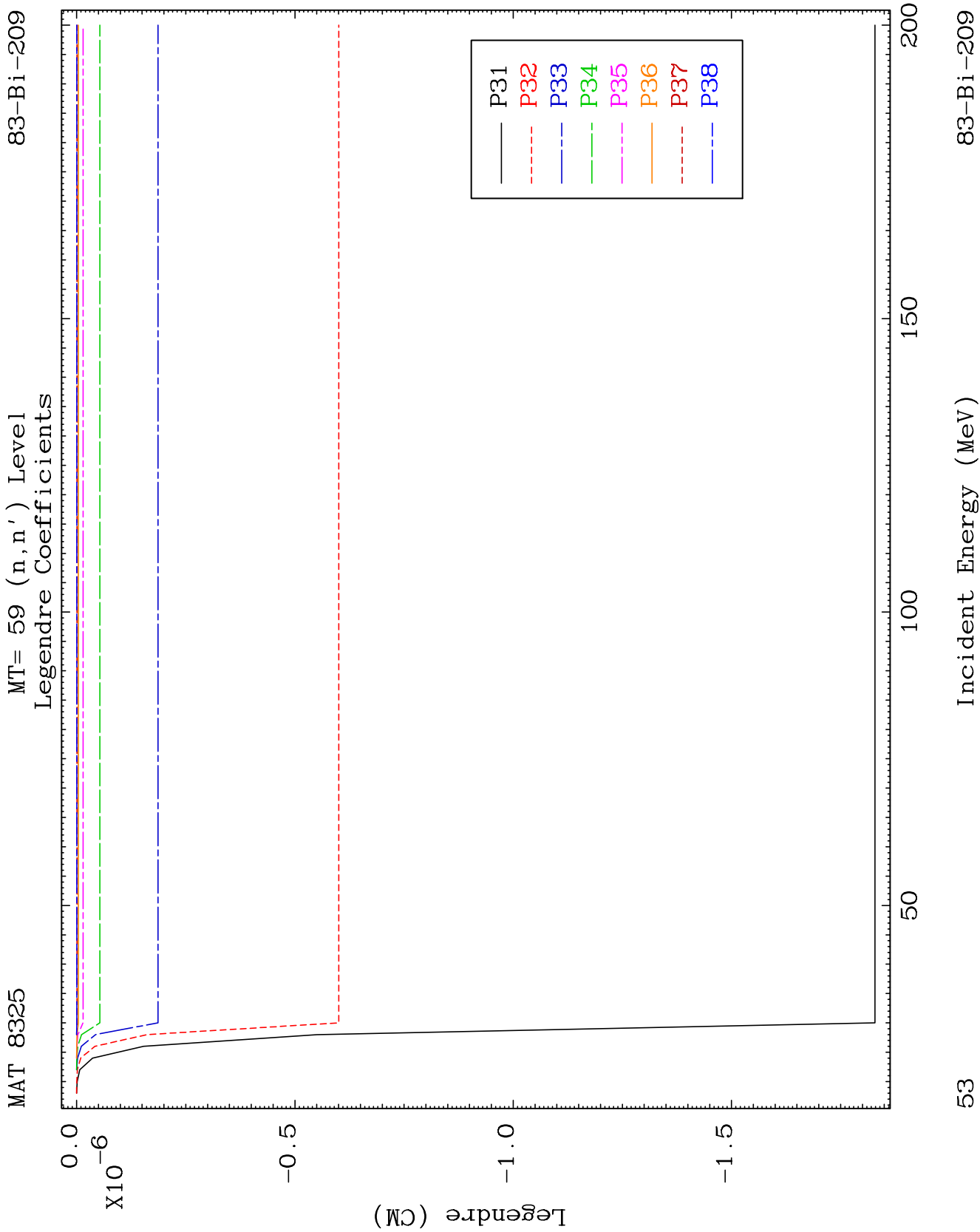
83-Bi-209

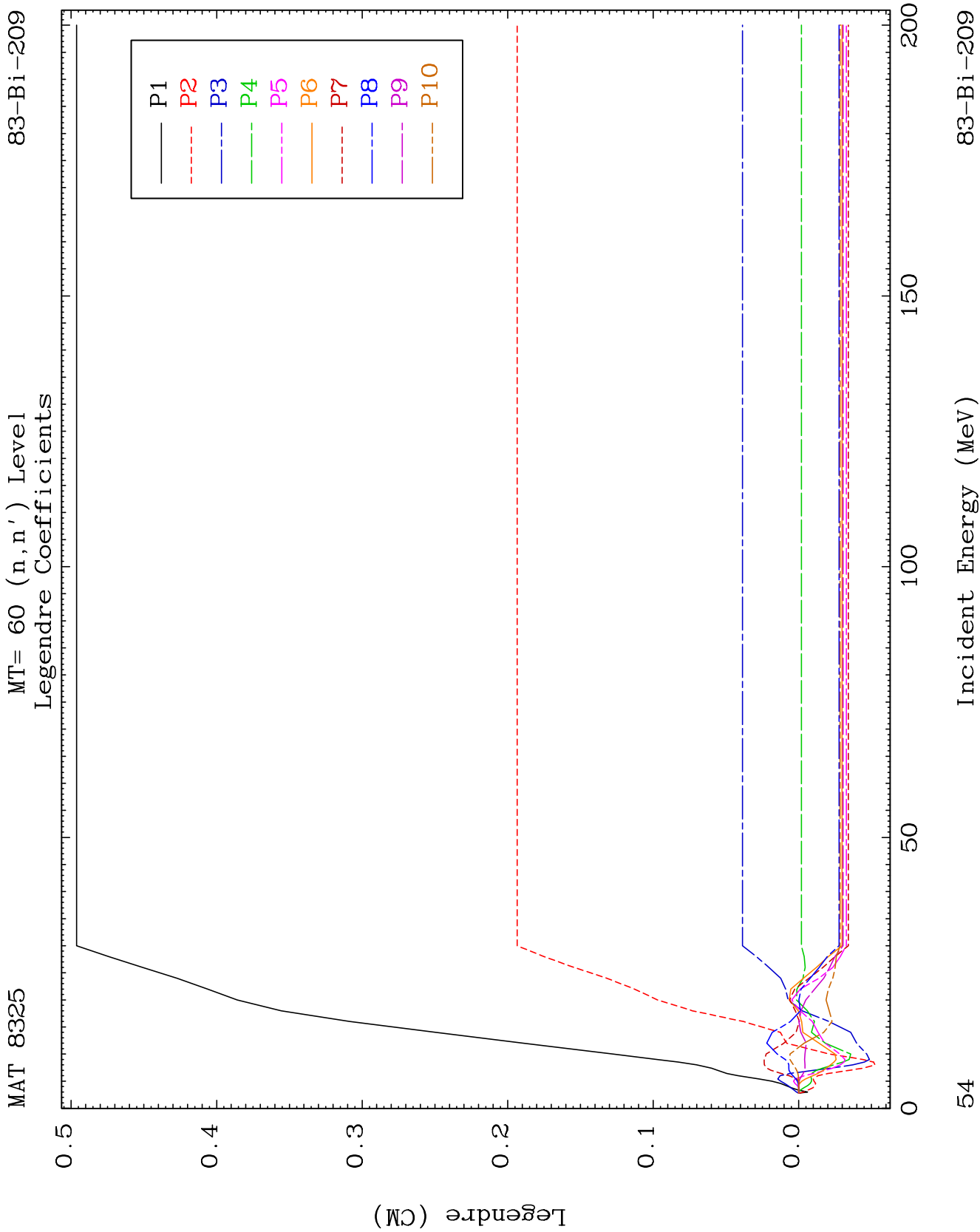


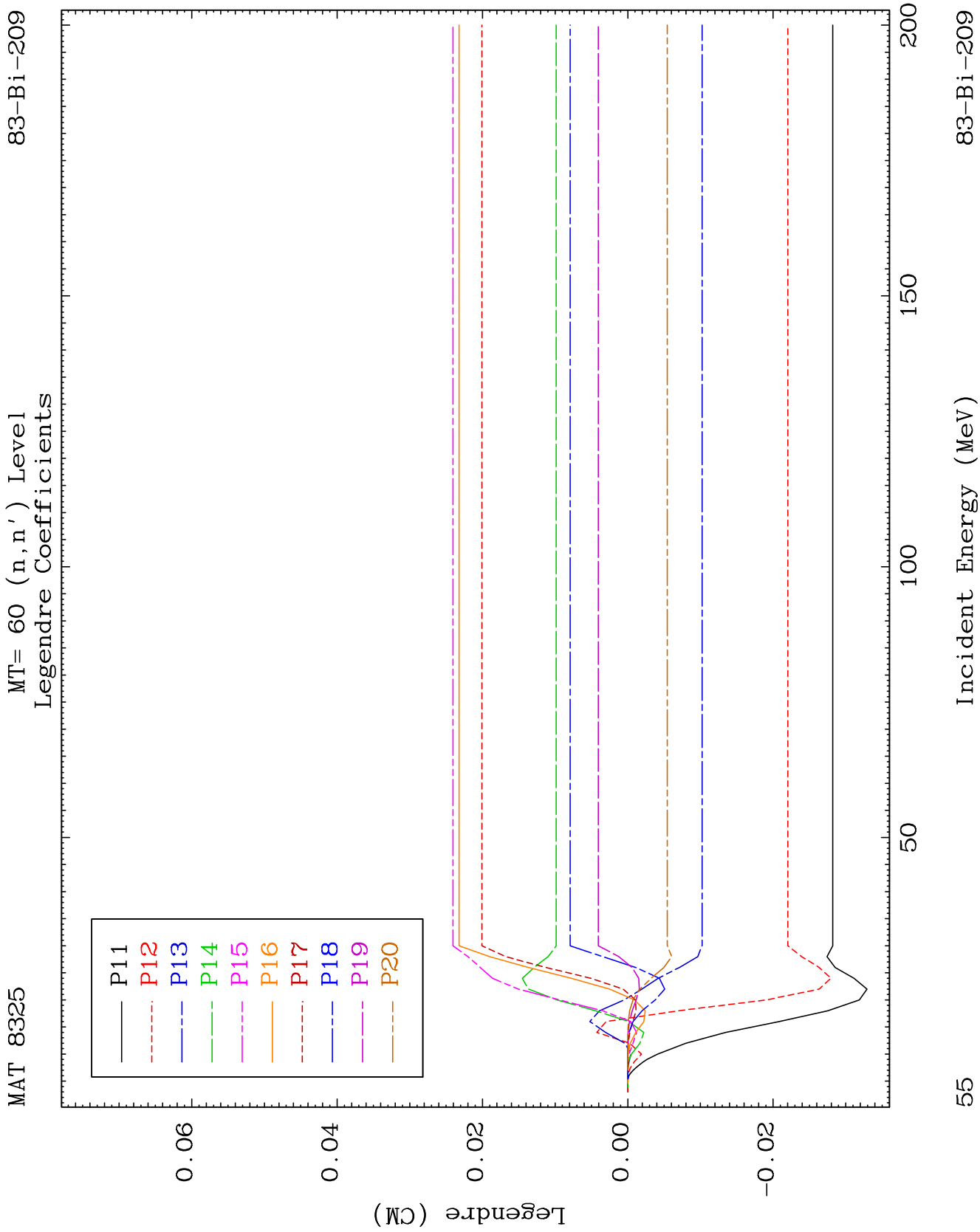
MT= 59 (n, n') Level
Legendre Coefficients

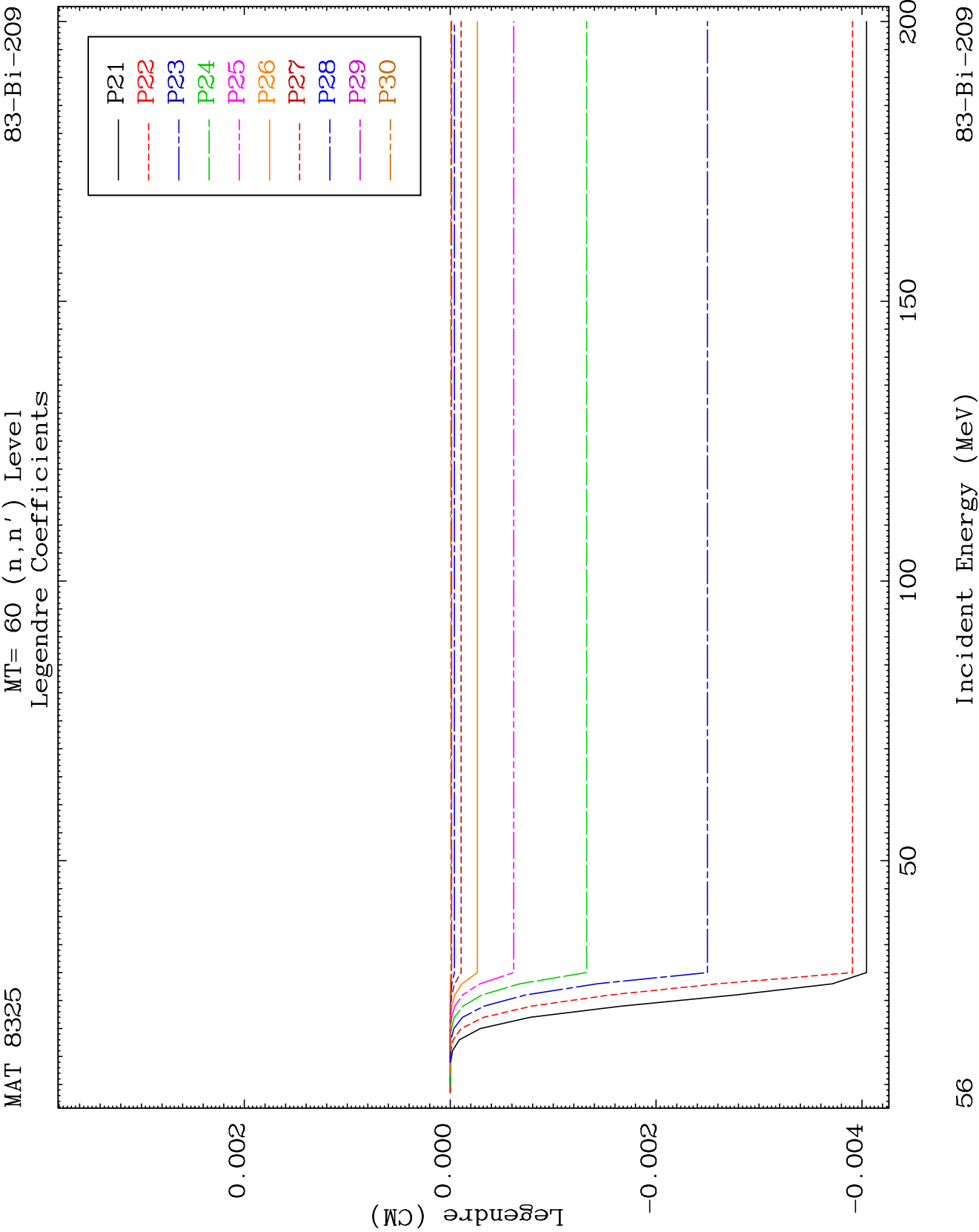


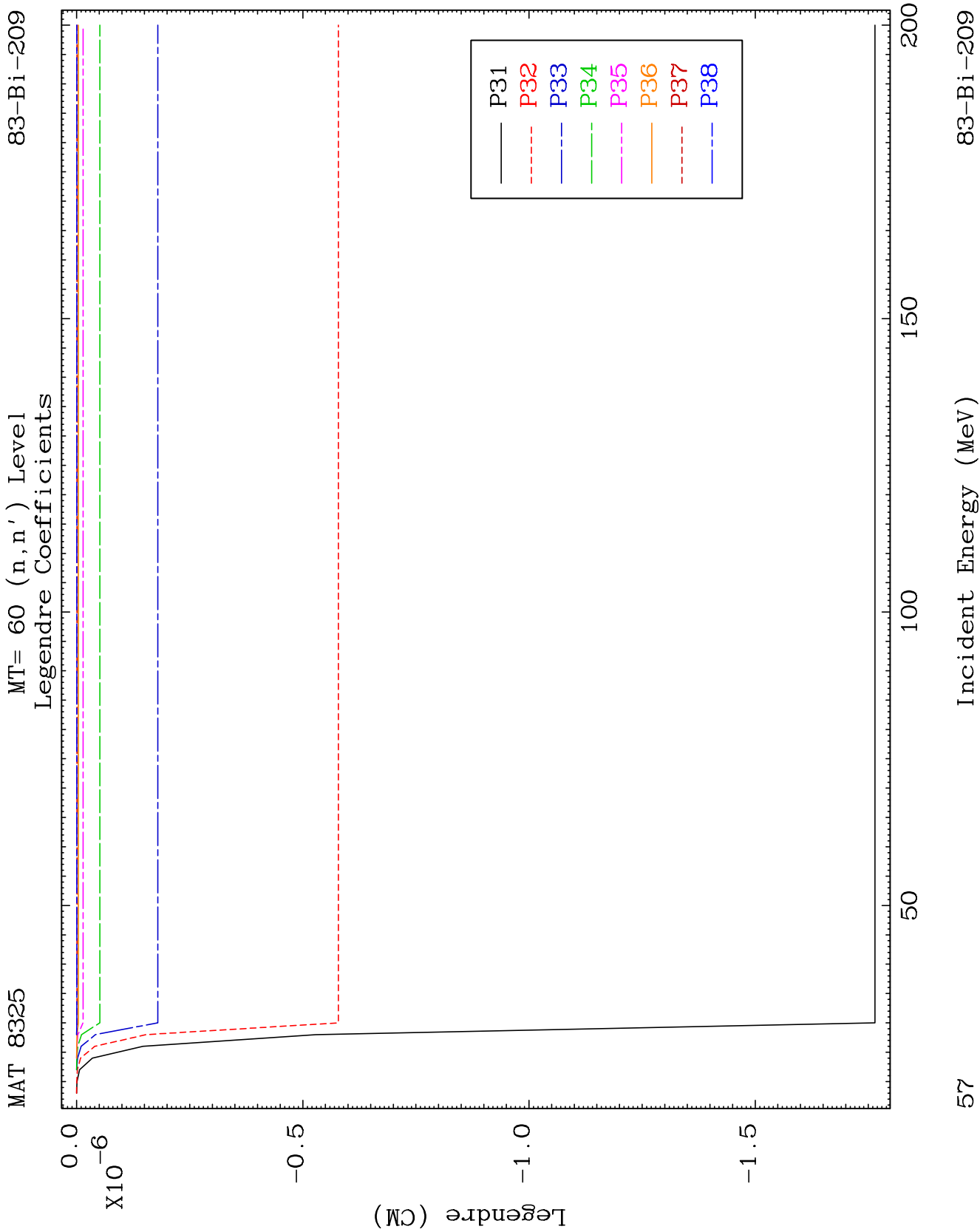








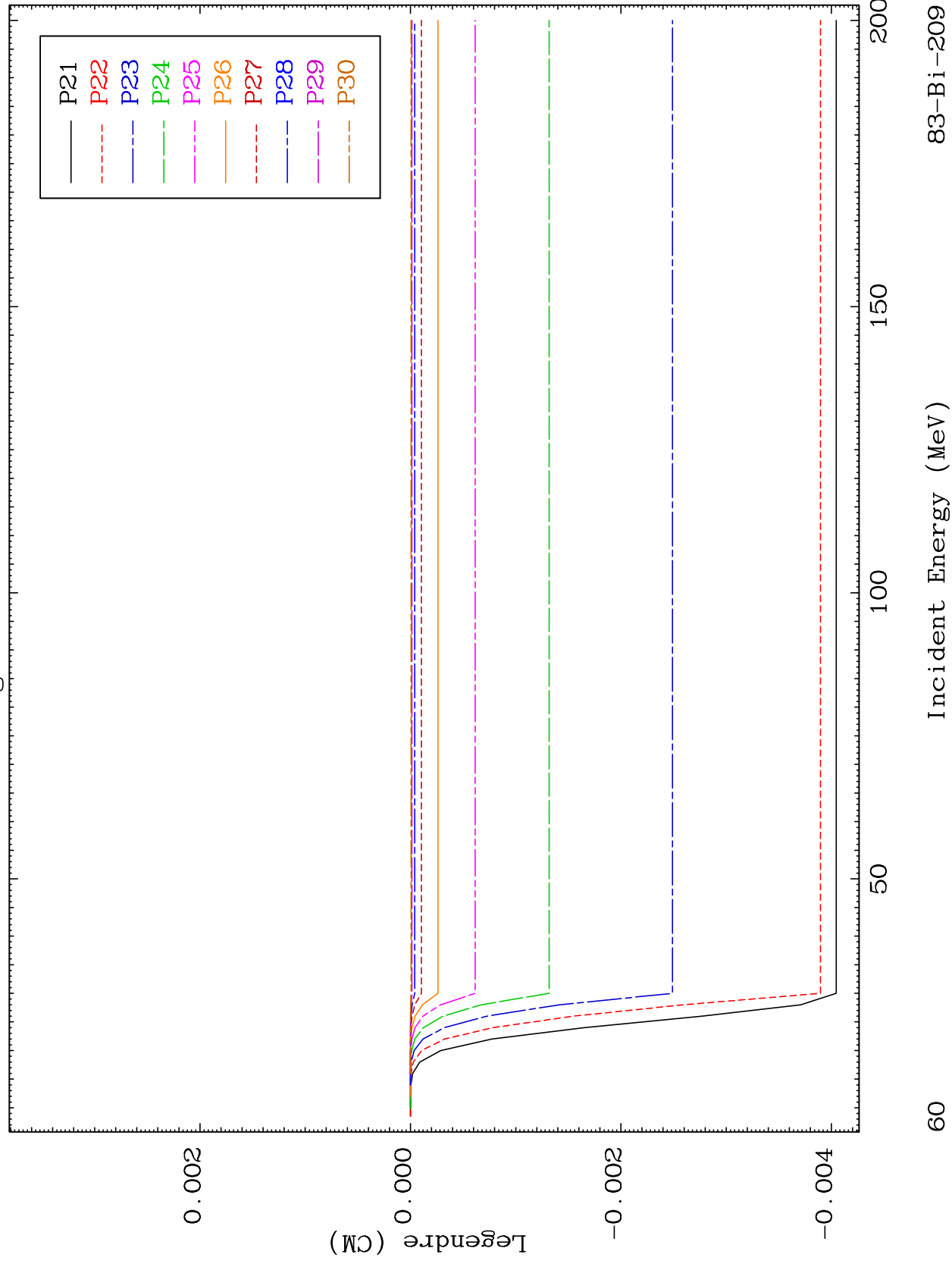


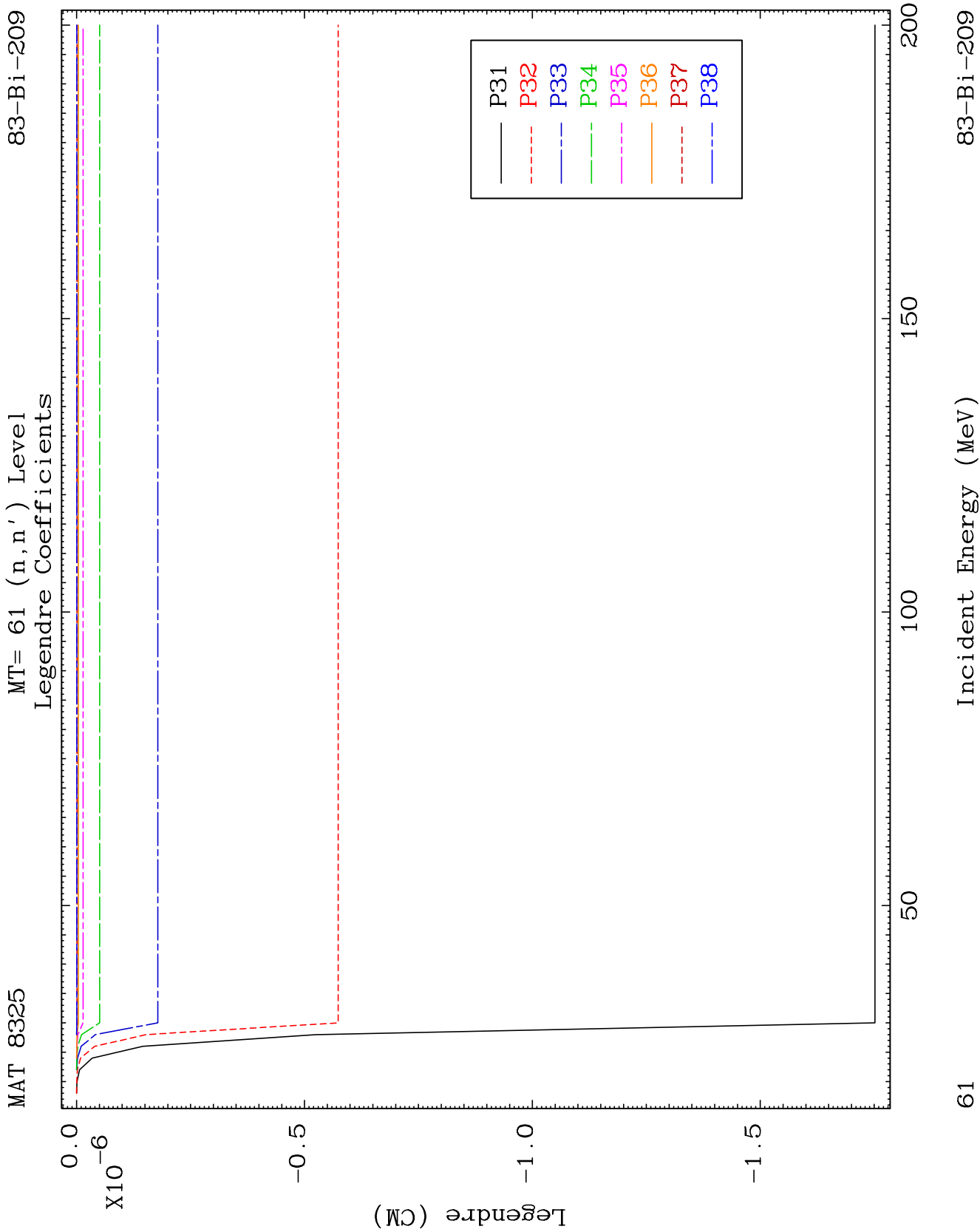


MAT 8325

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

83-Bi-209

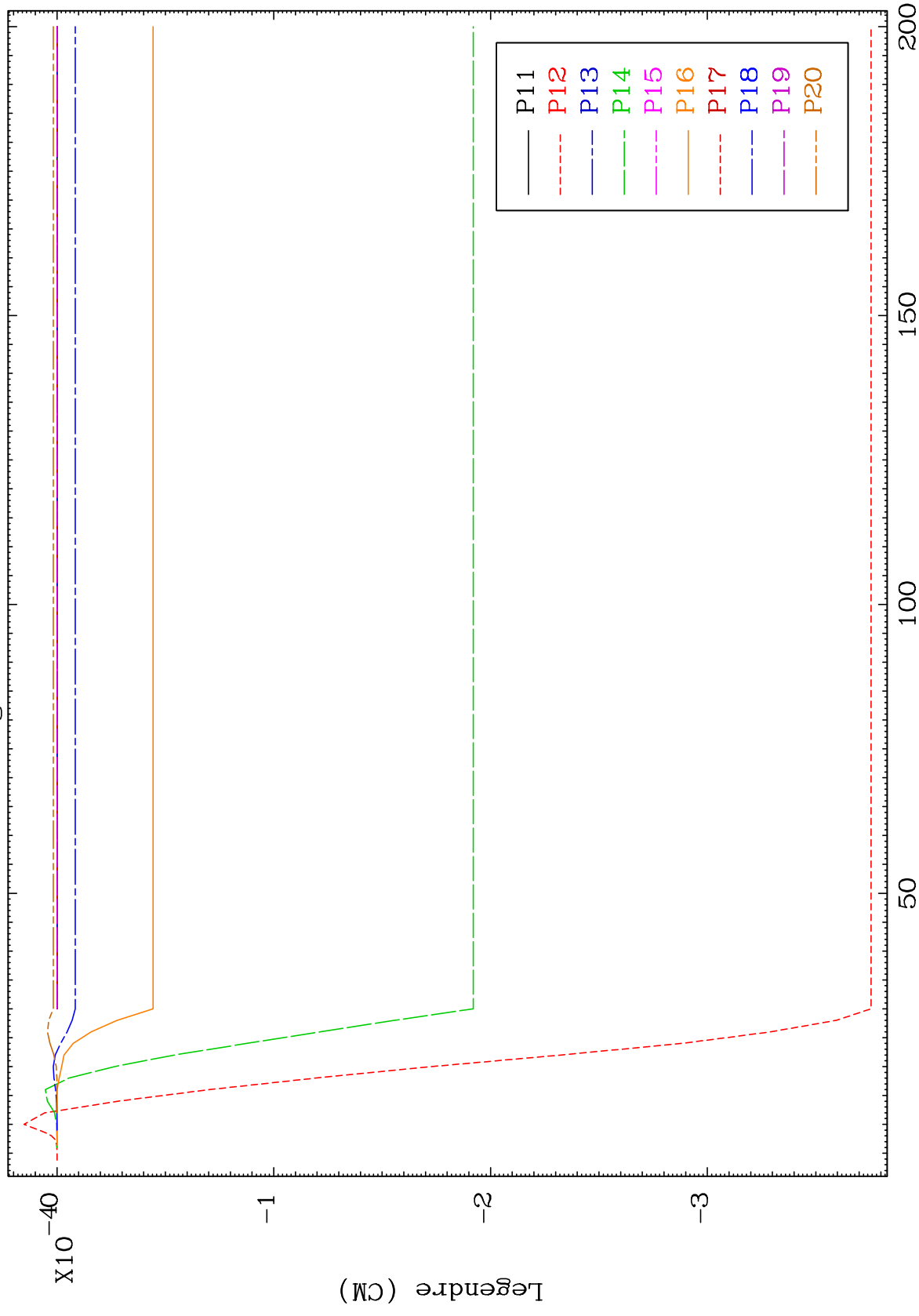




MAT 8325

83-Bi-209

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



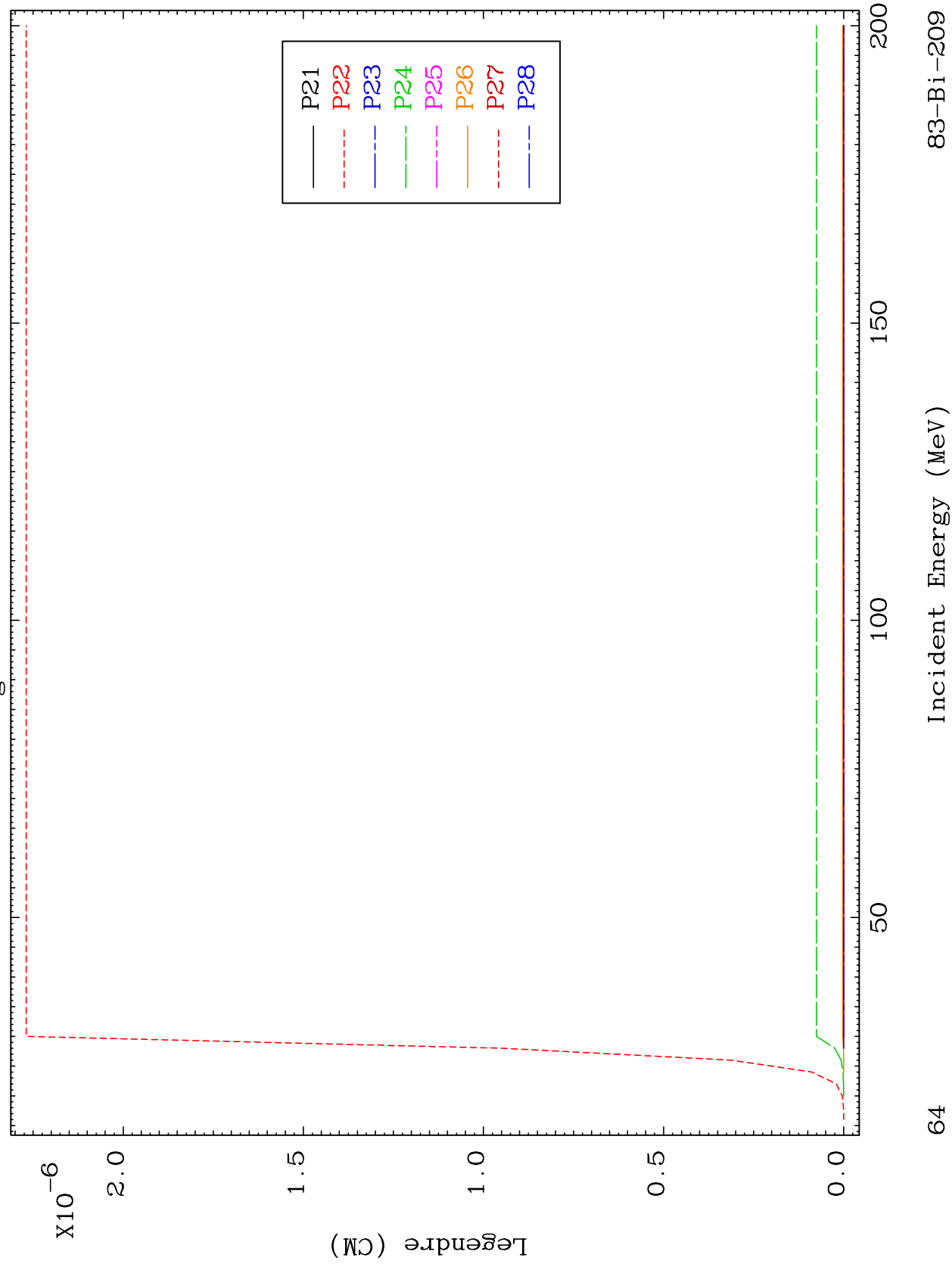
63

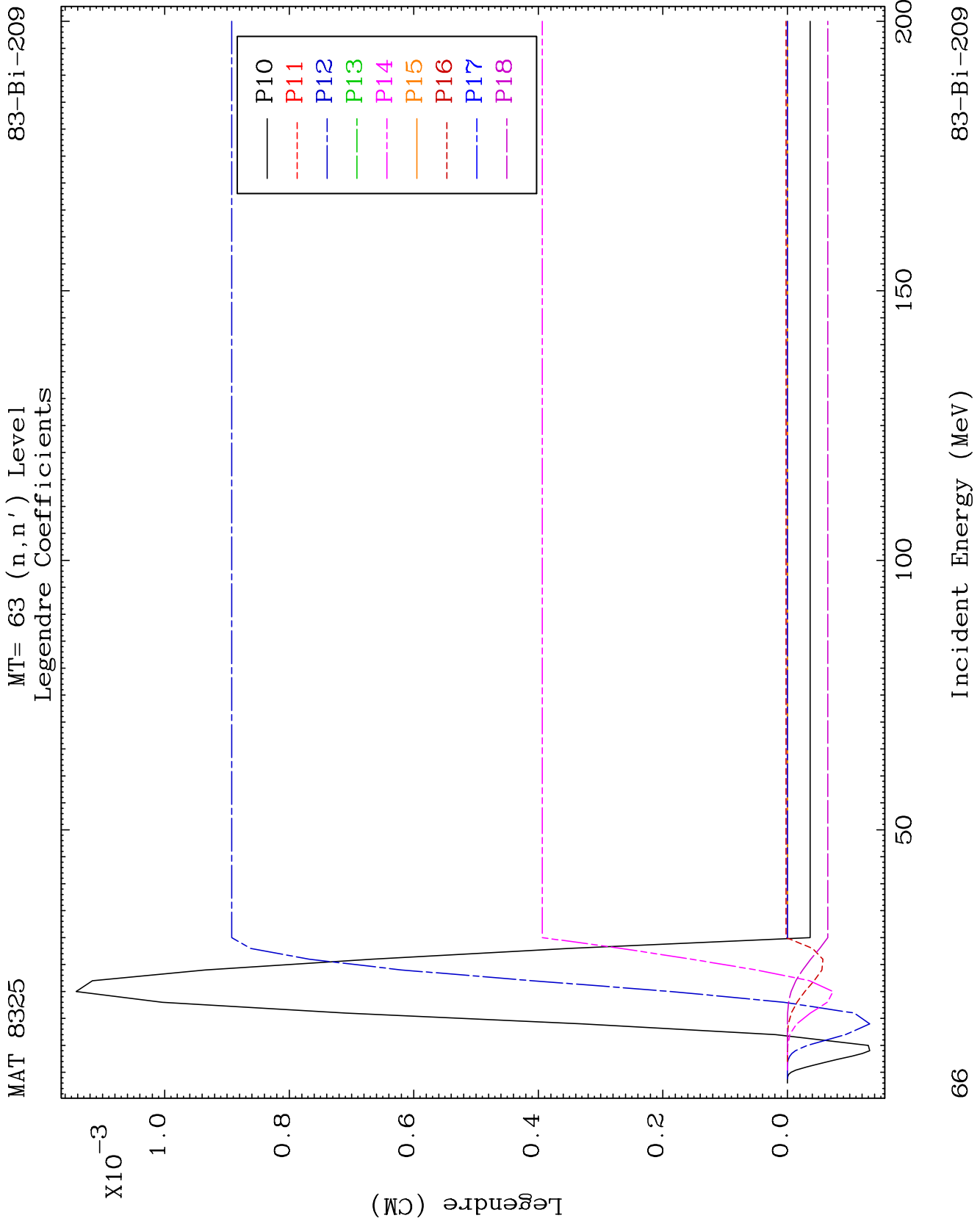
Incident Energy (MeV)

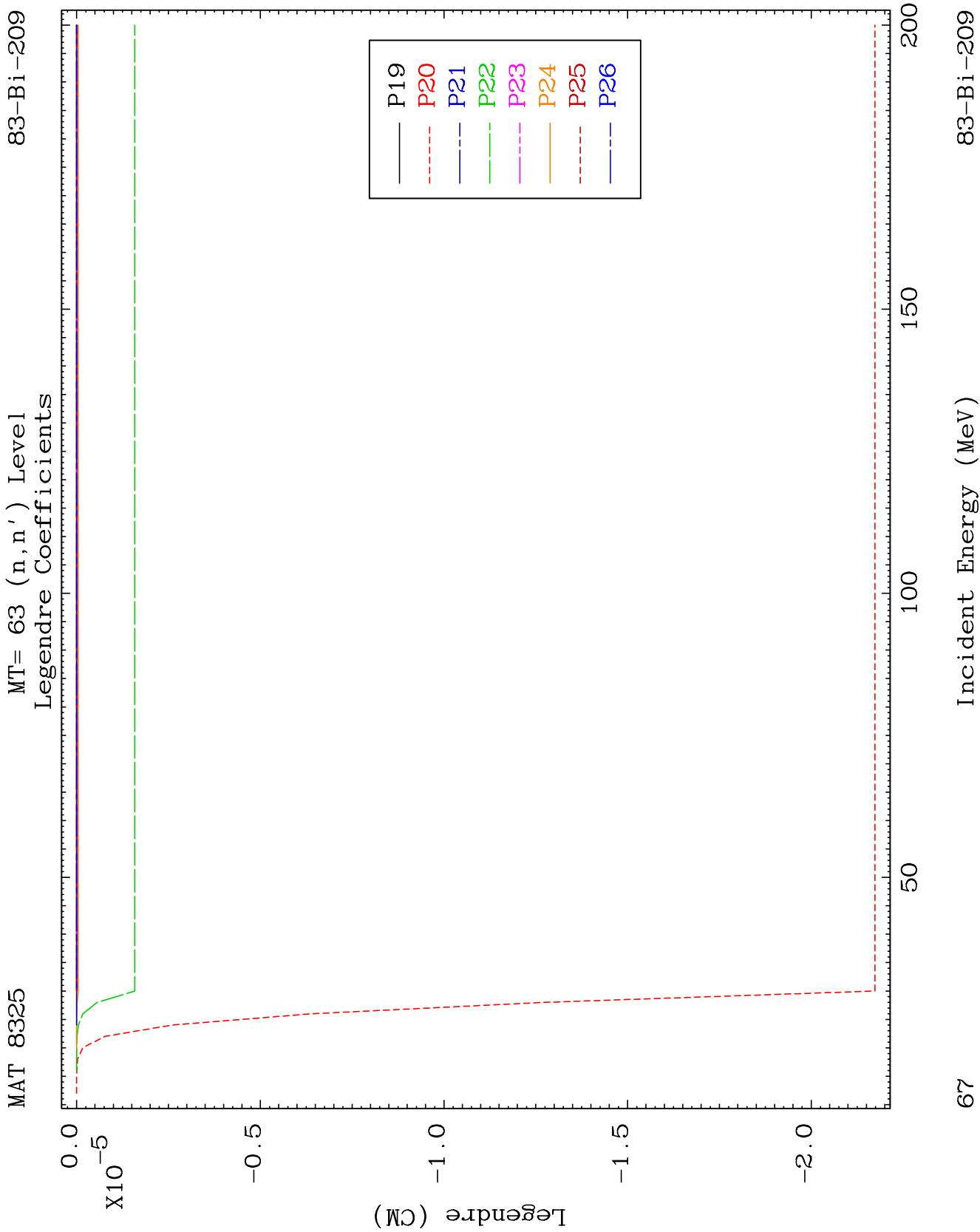
MAT 8325

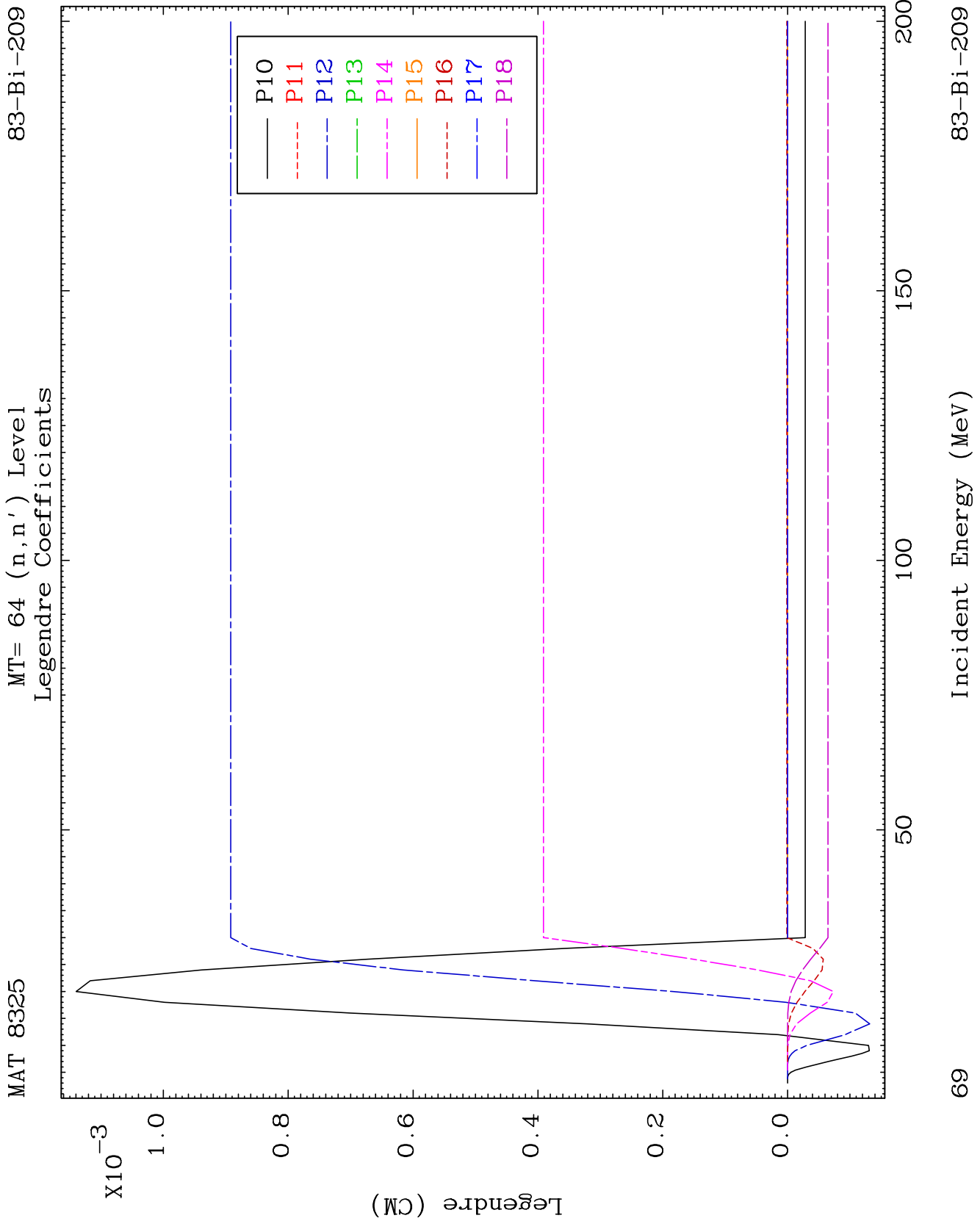
MT= 62 (n, n') Level
Legendre Coefficients

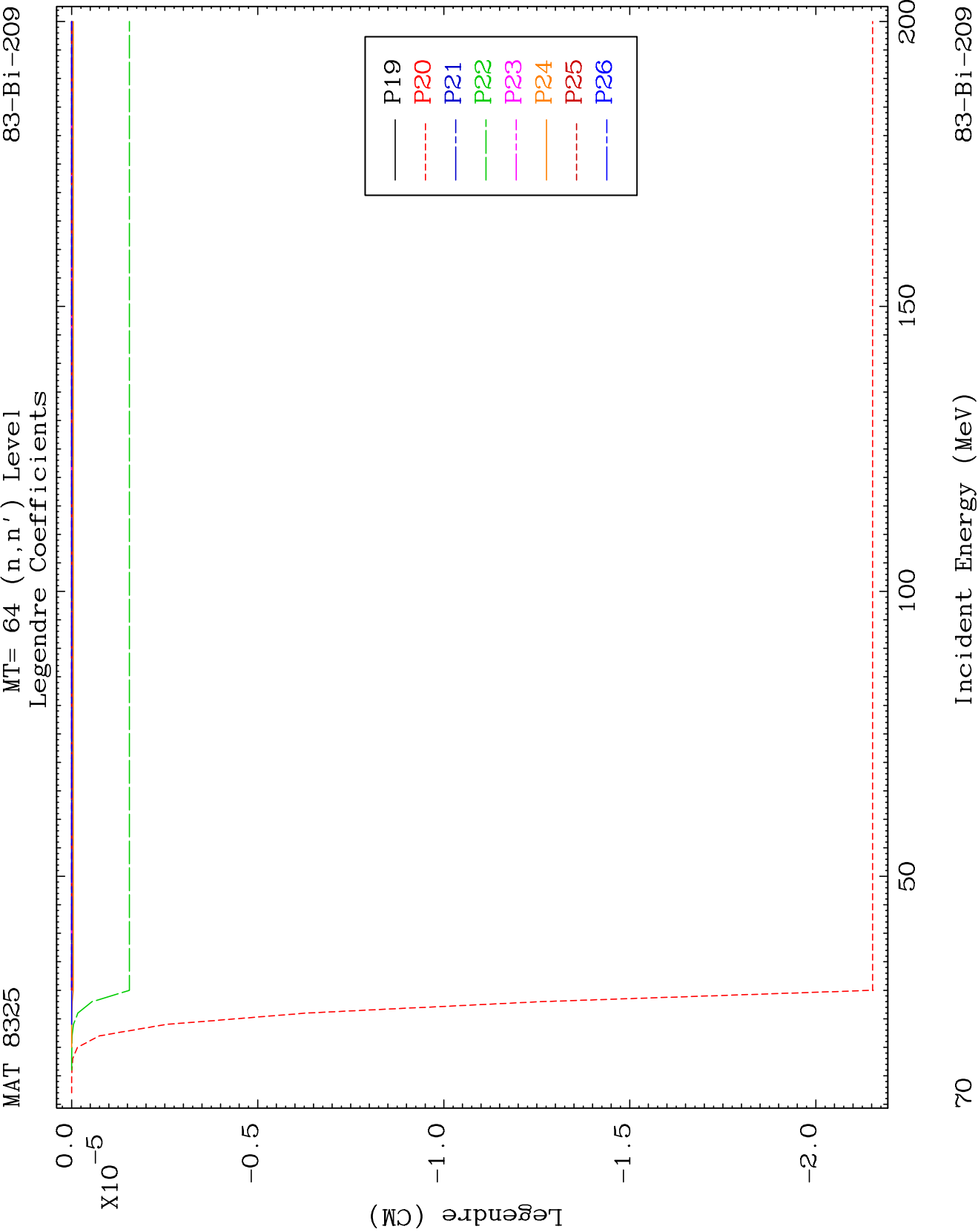
83-Bi-209

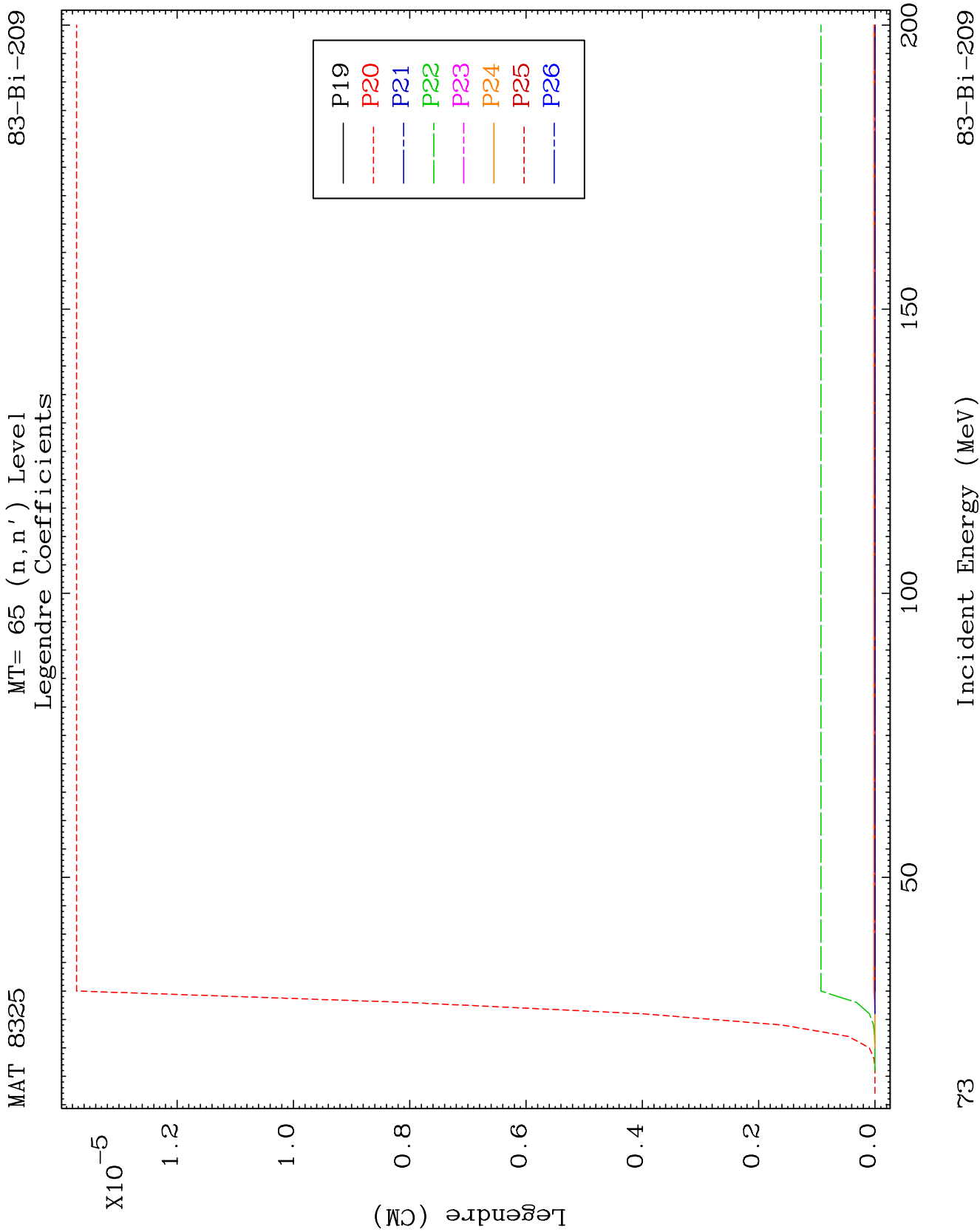


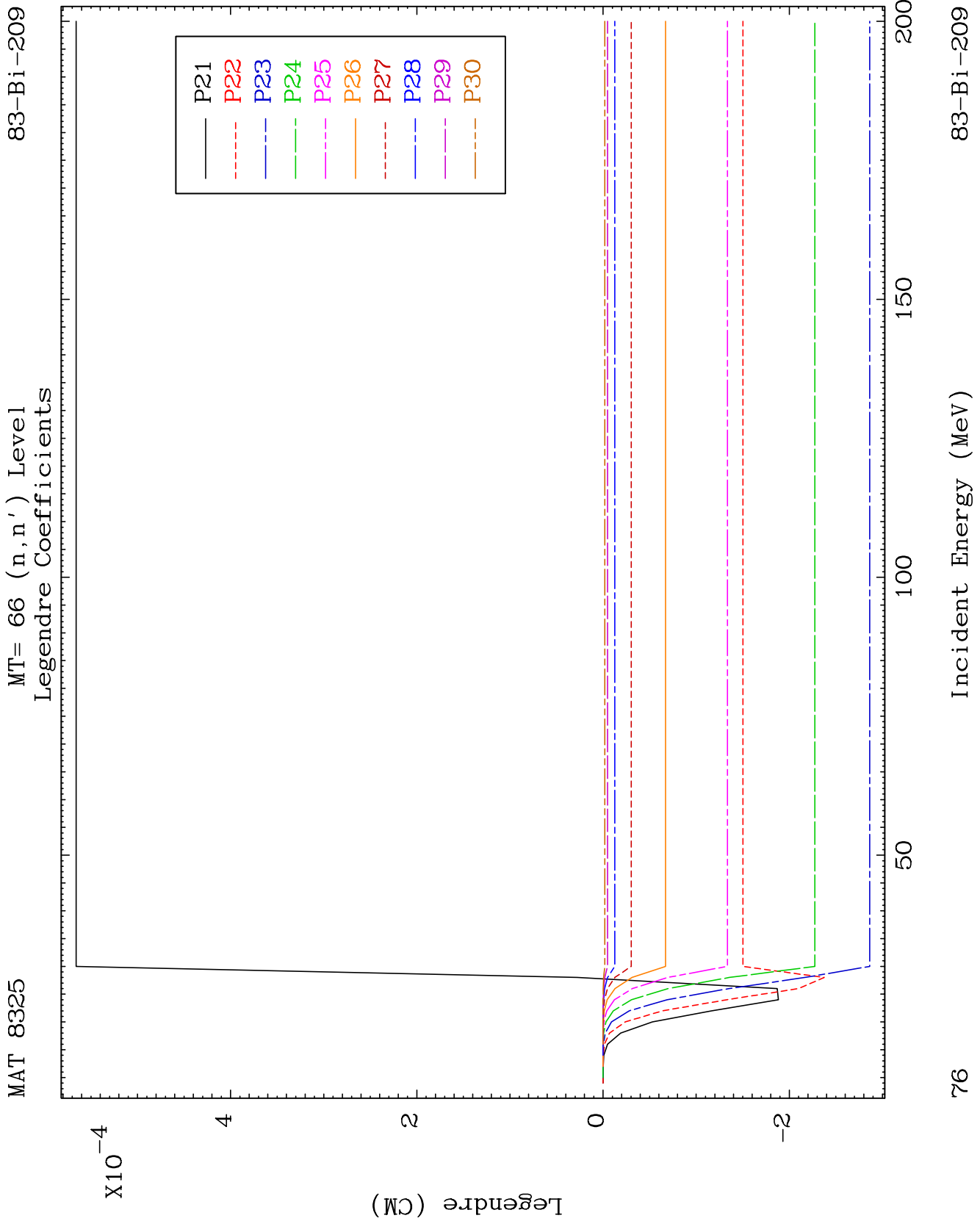


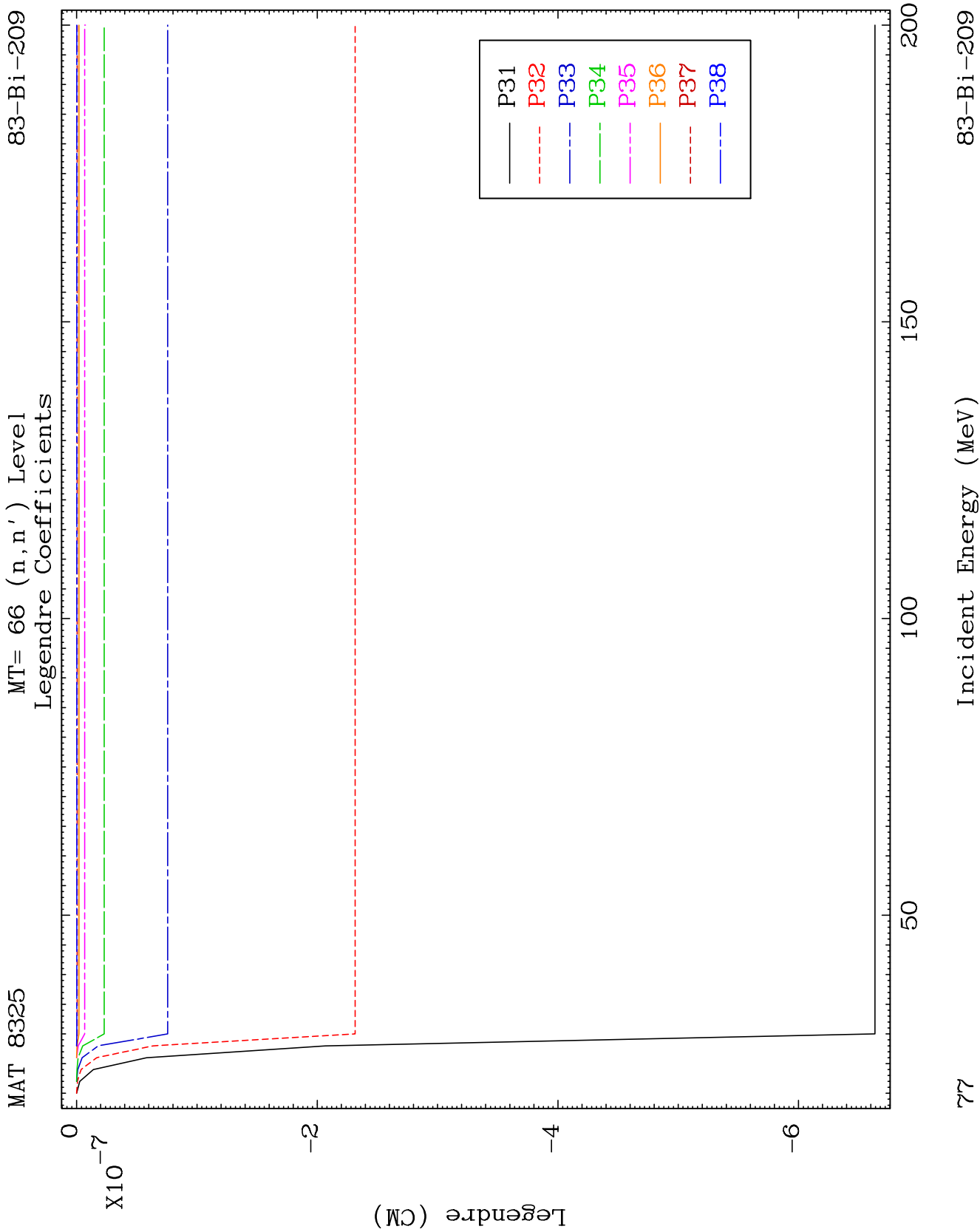


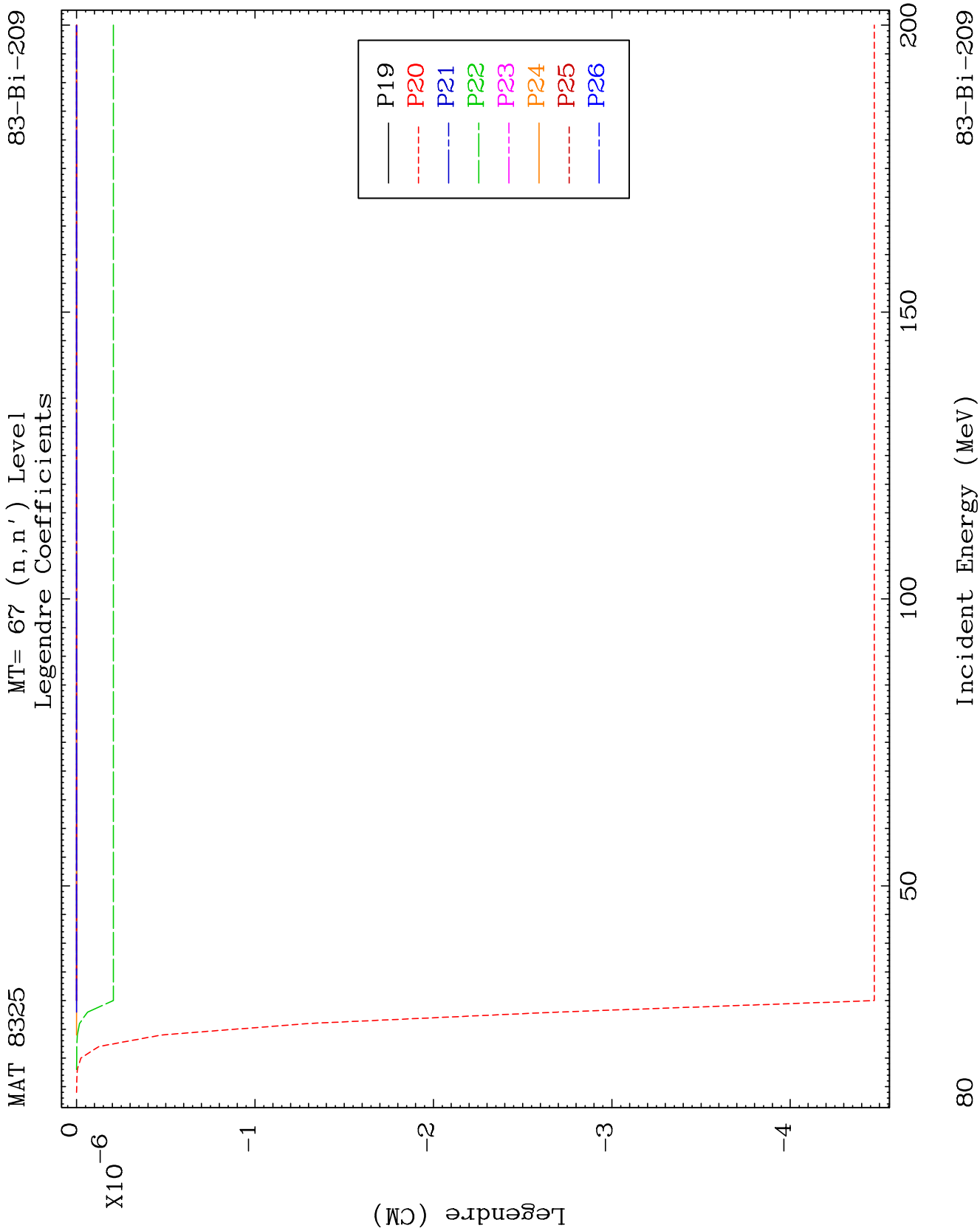


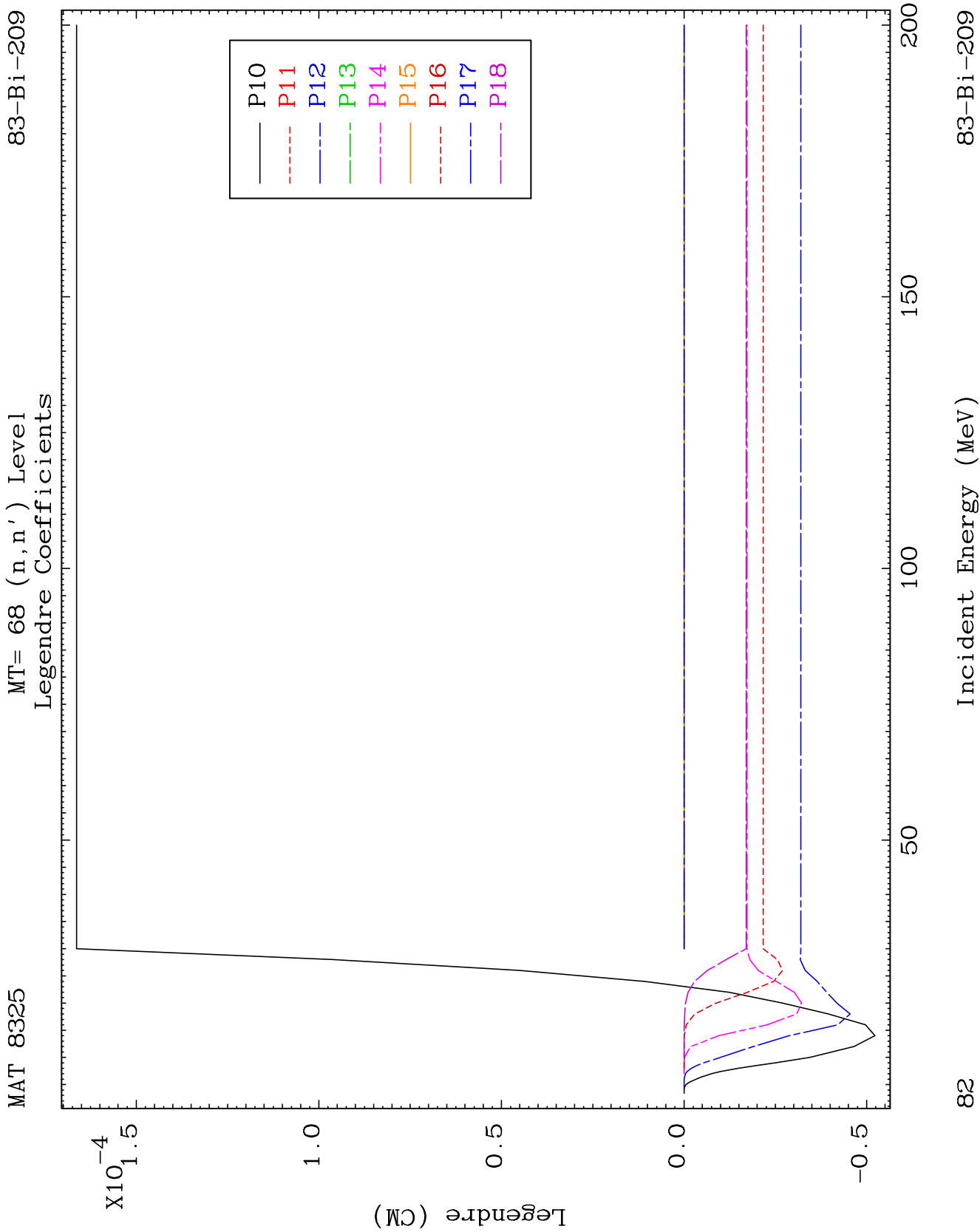








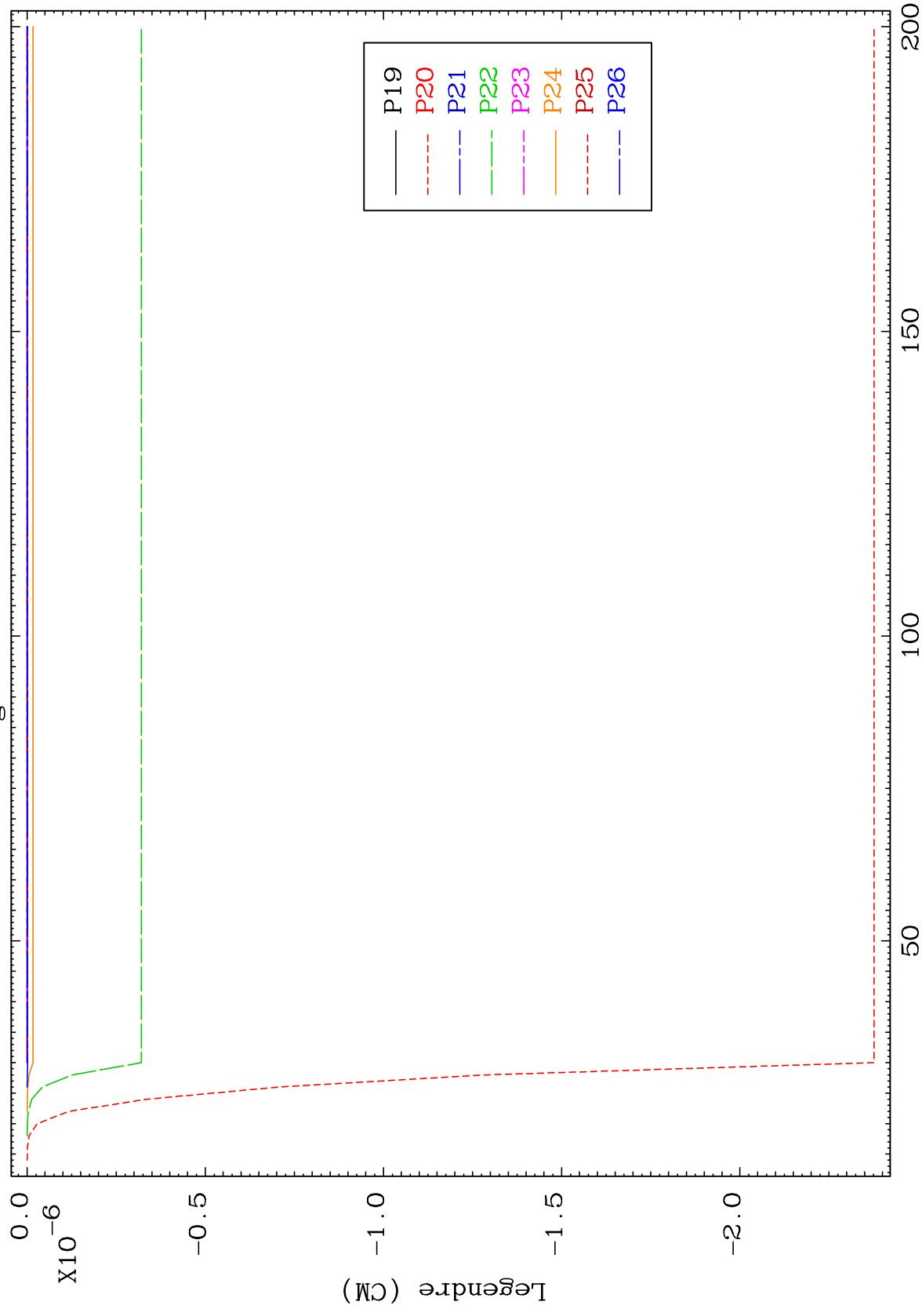




MAT 8325

83-Bi-209

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



38

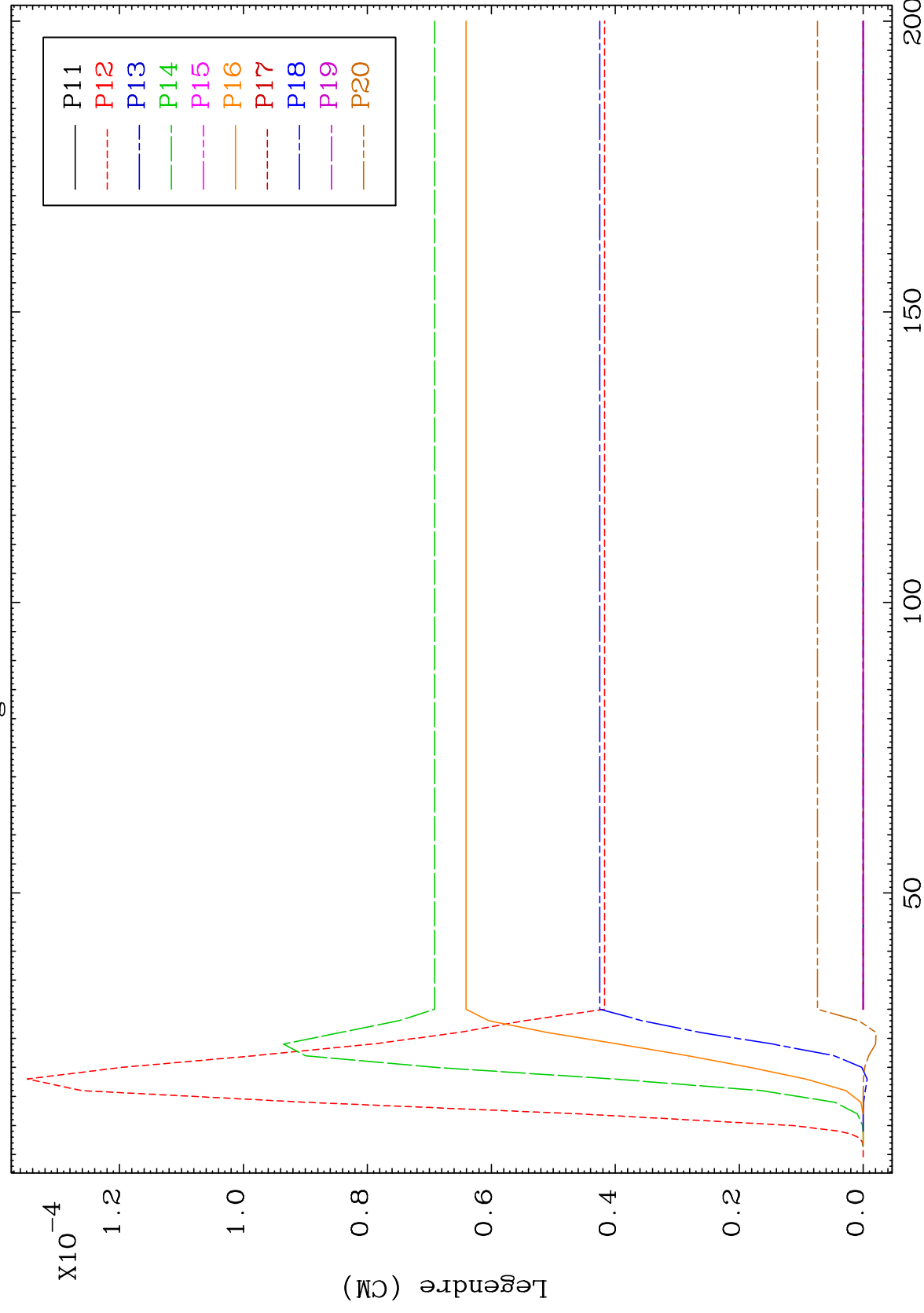
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

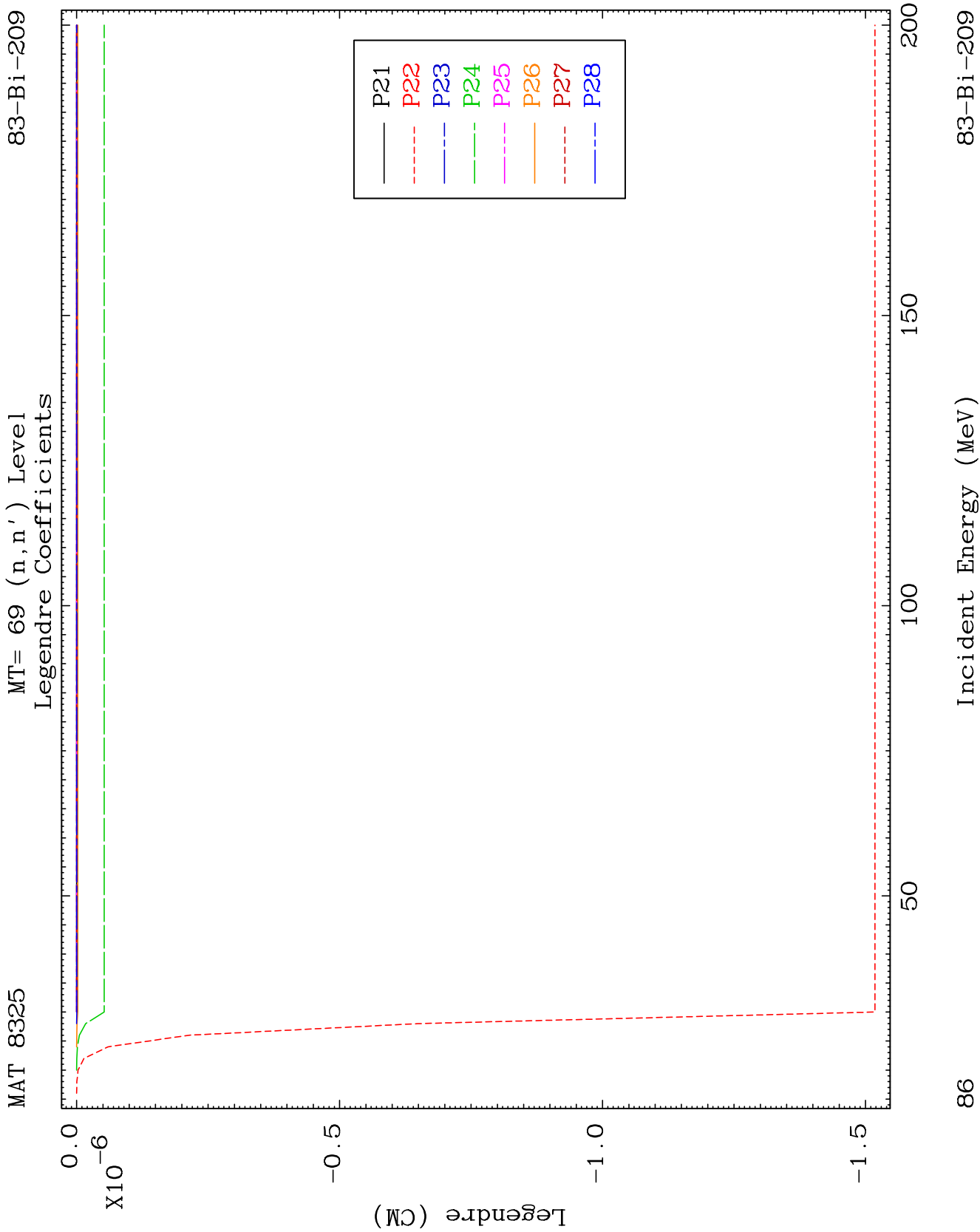
83-Bi-209

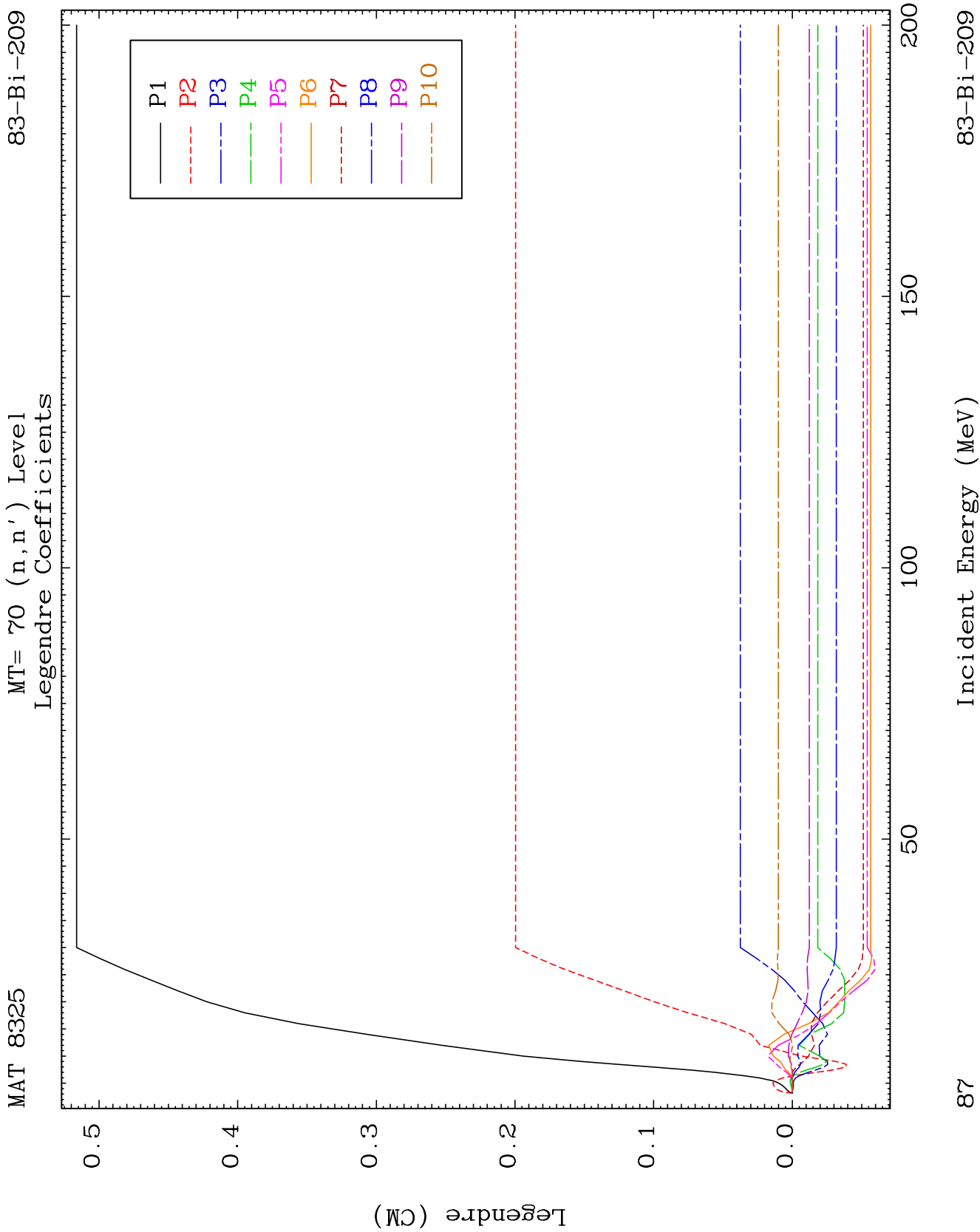


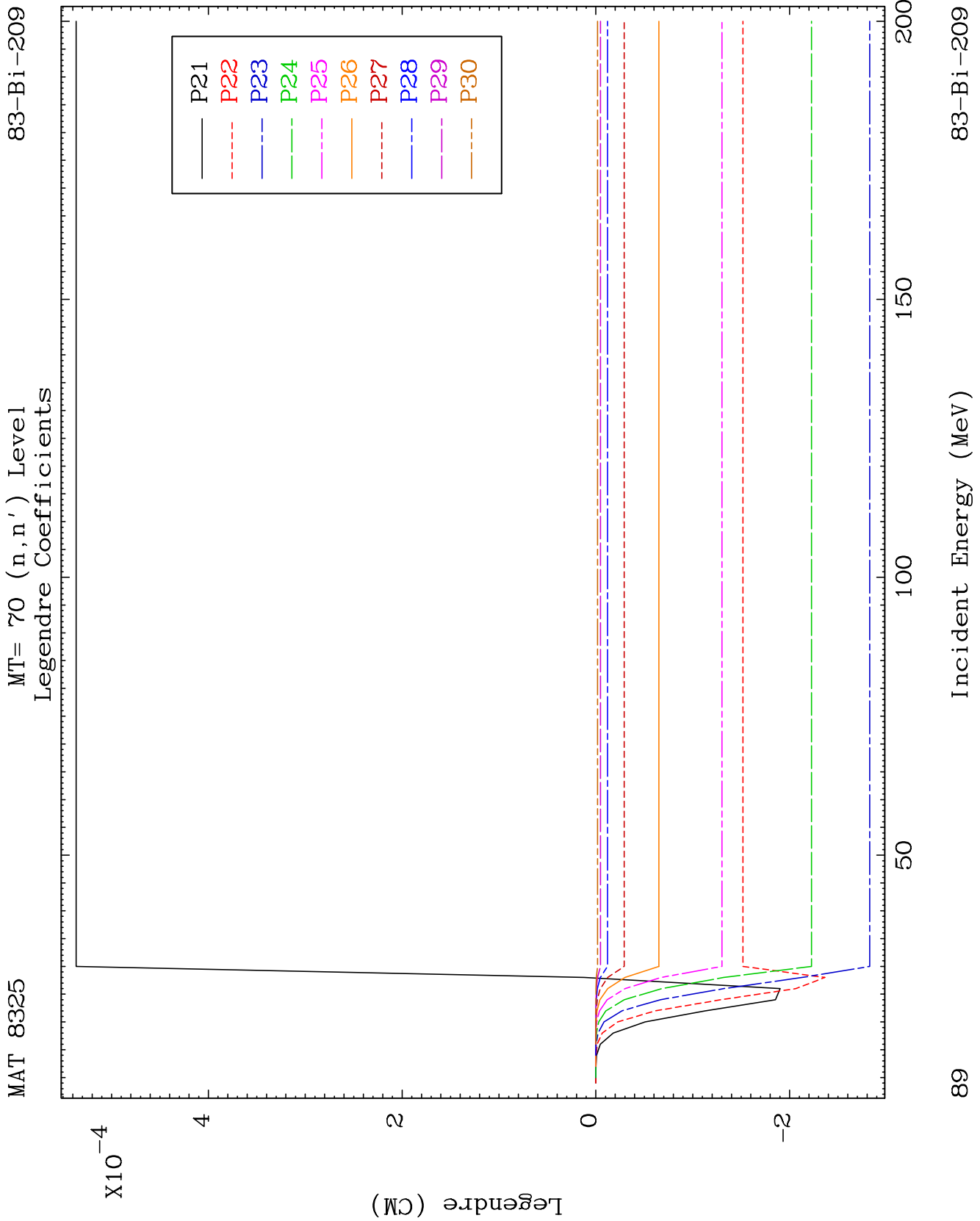
58

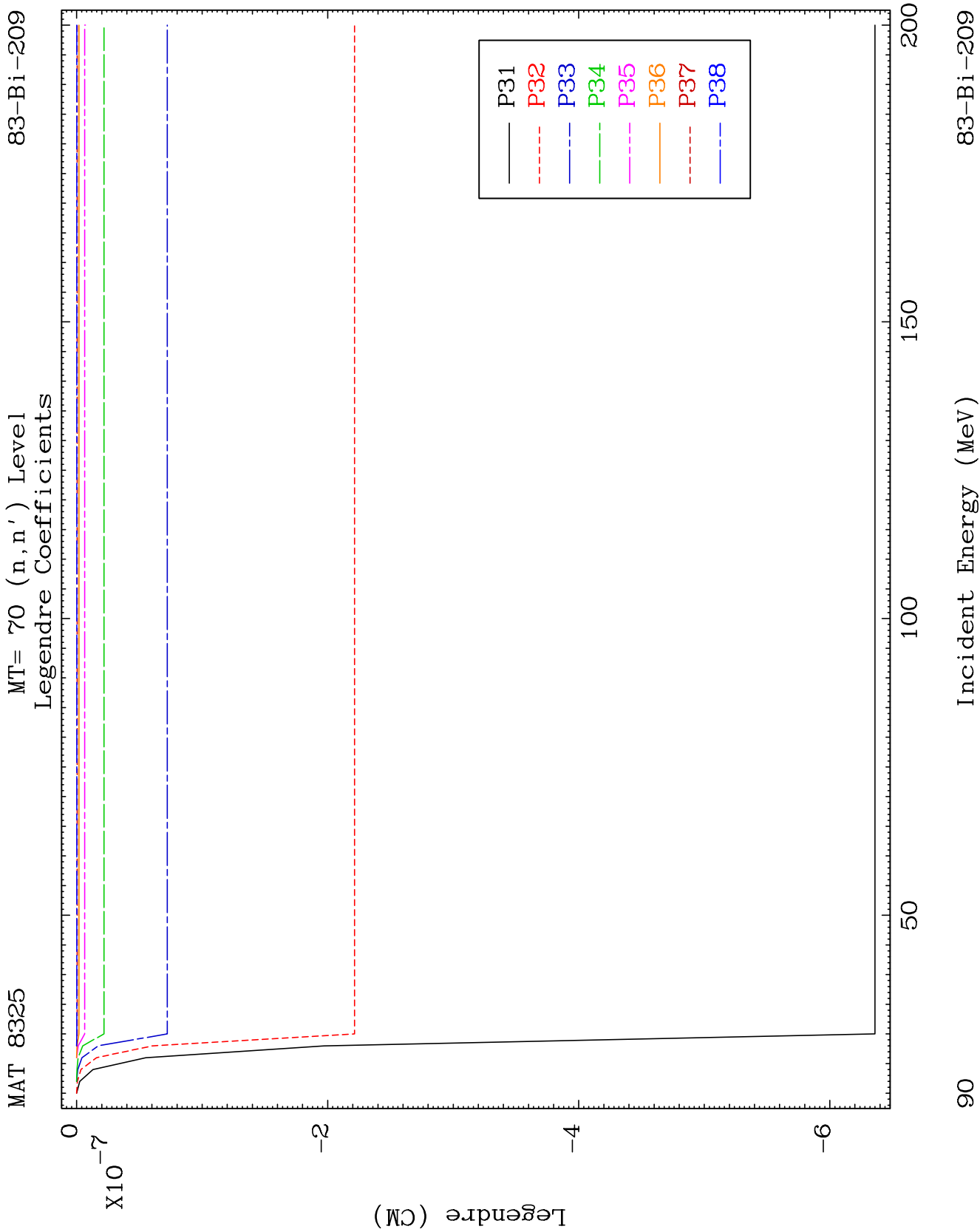
Incident Energy (MeV)

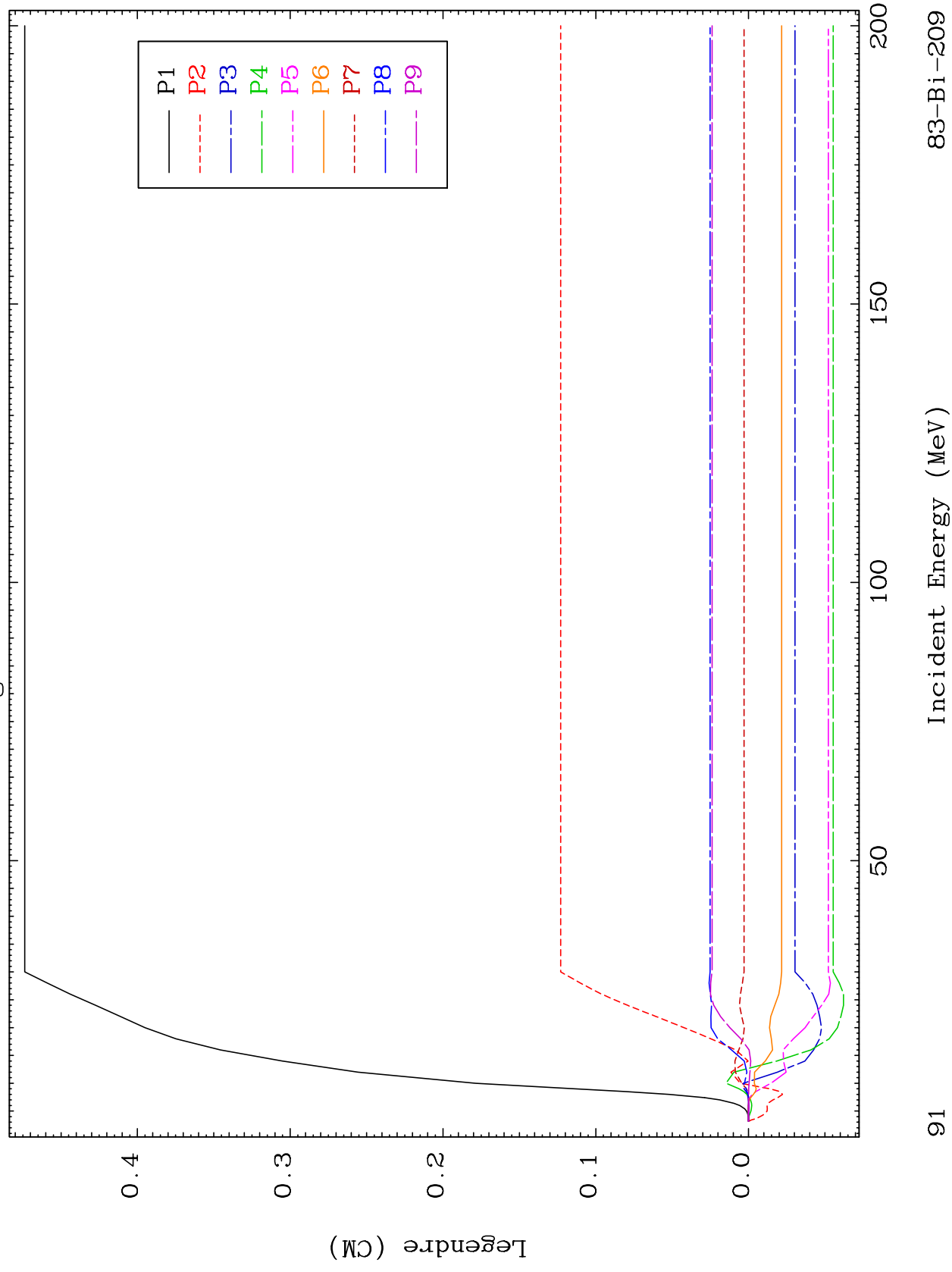
83-Bi-209

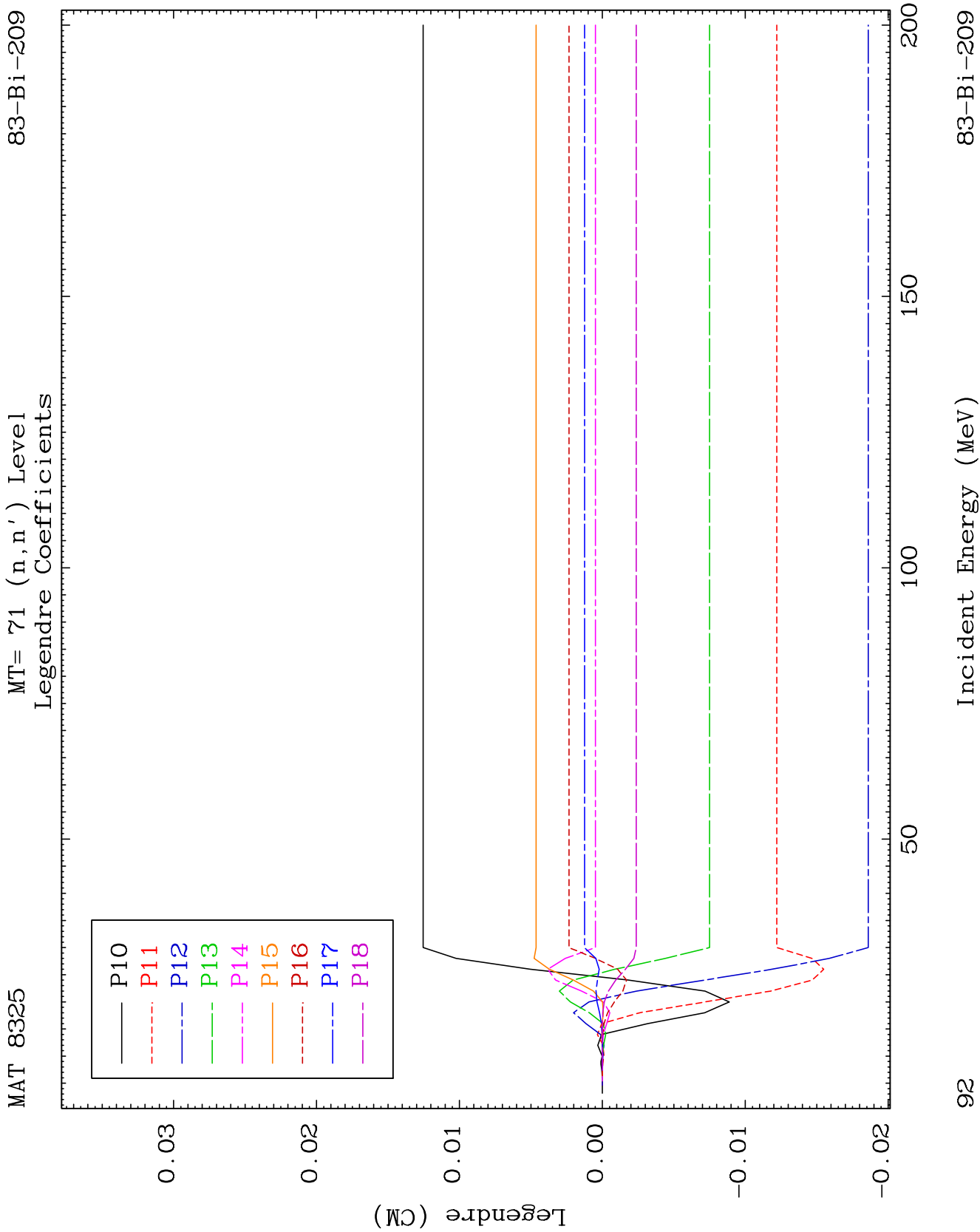


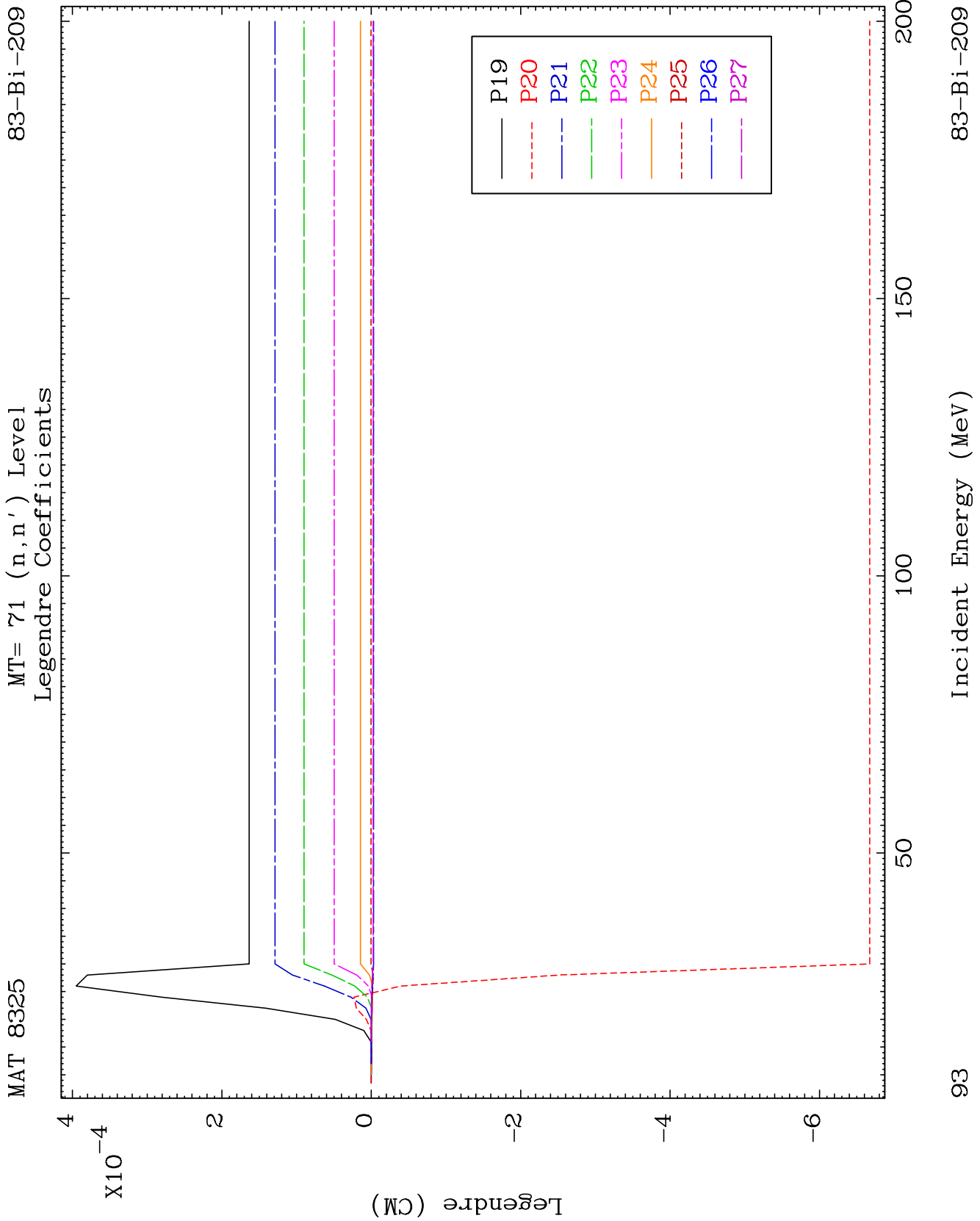








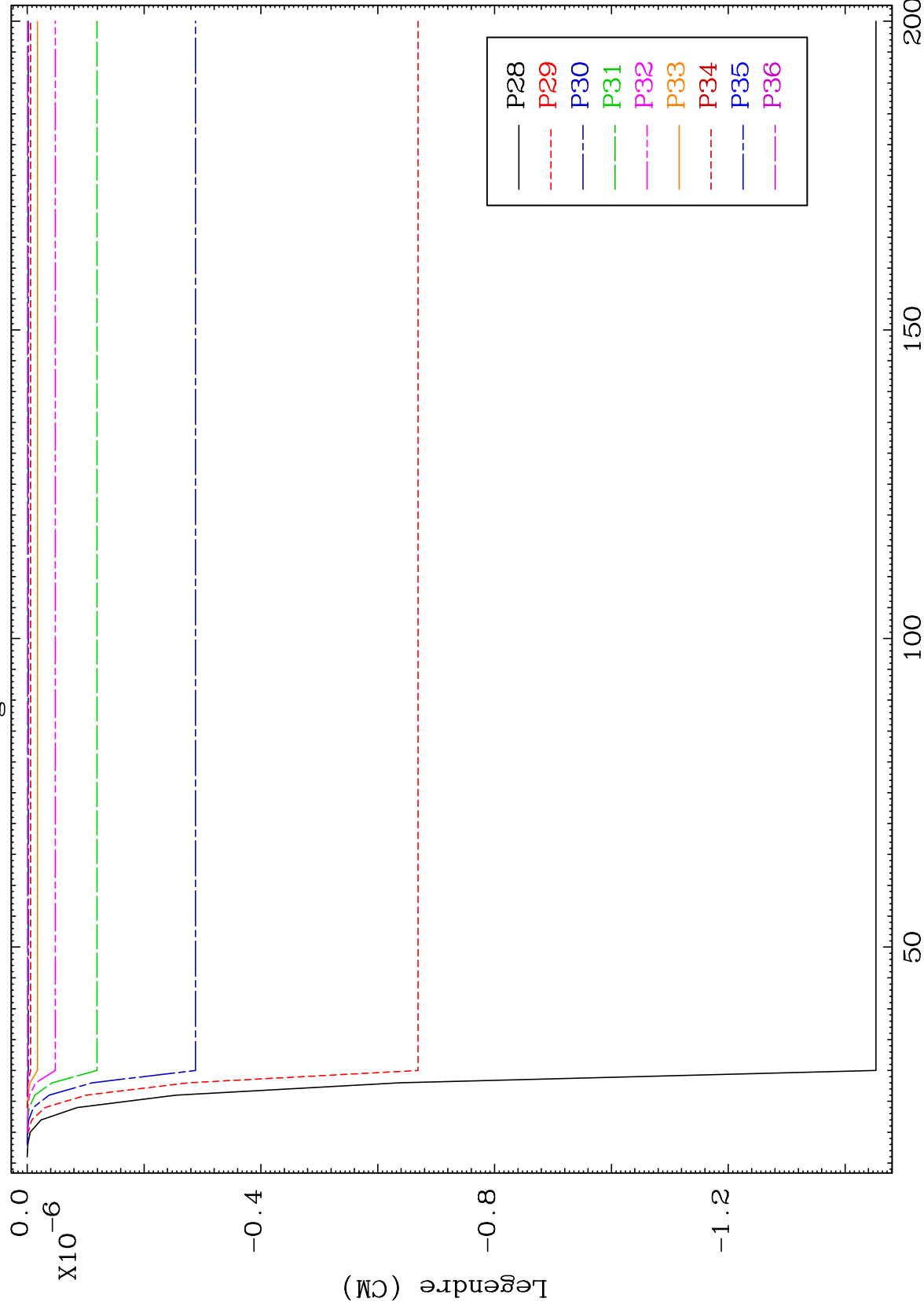




MAT 8325

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

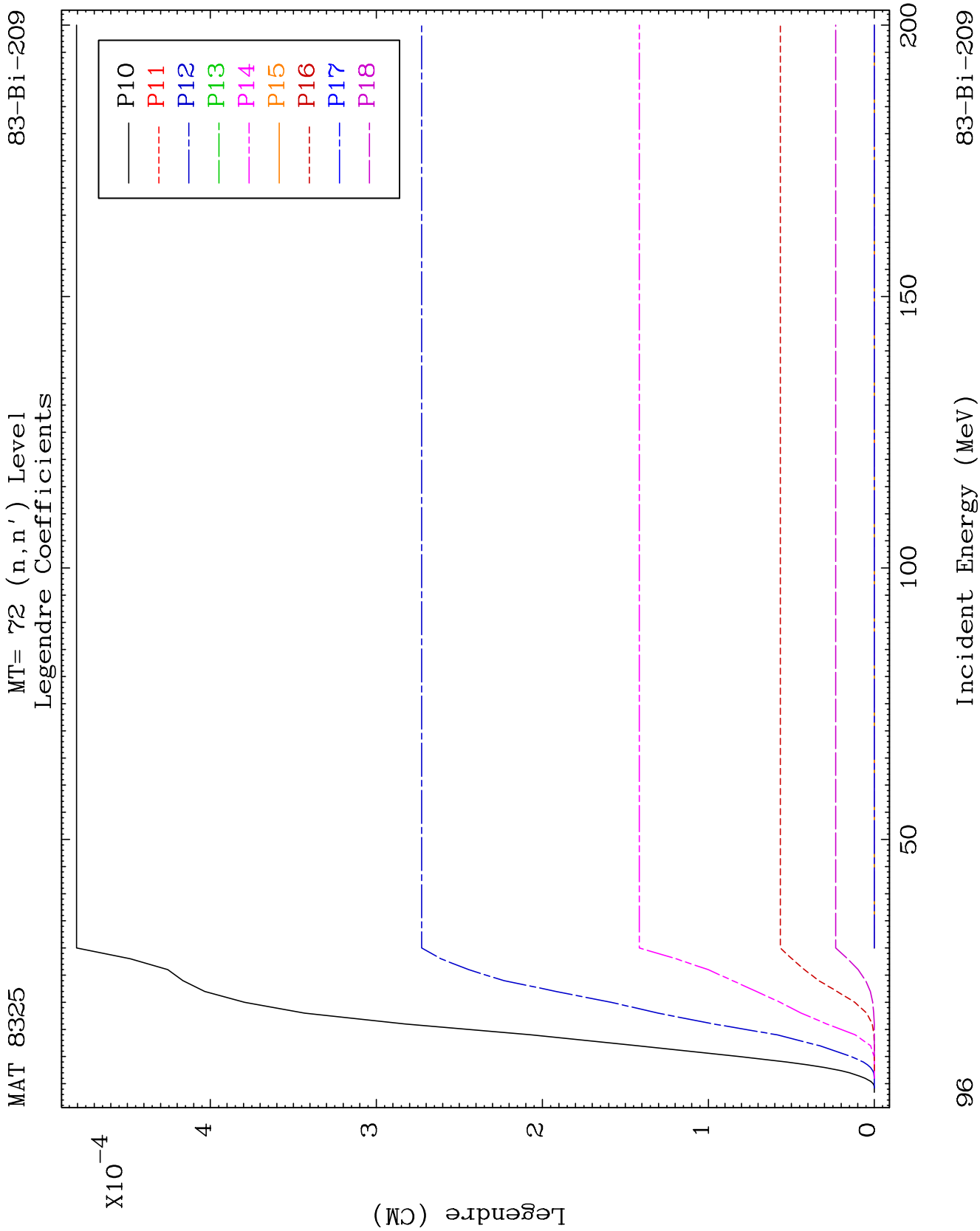
83-Bi-209

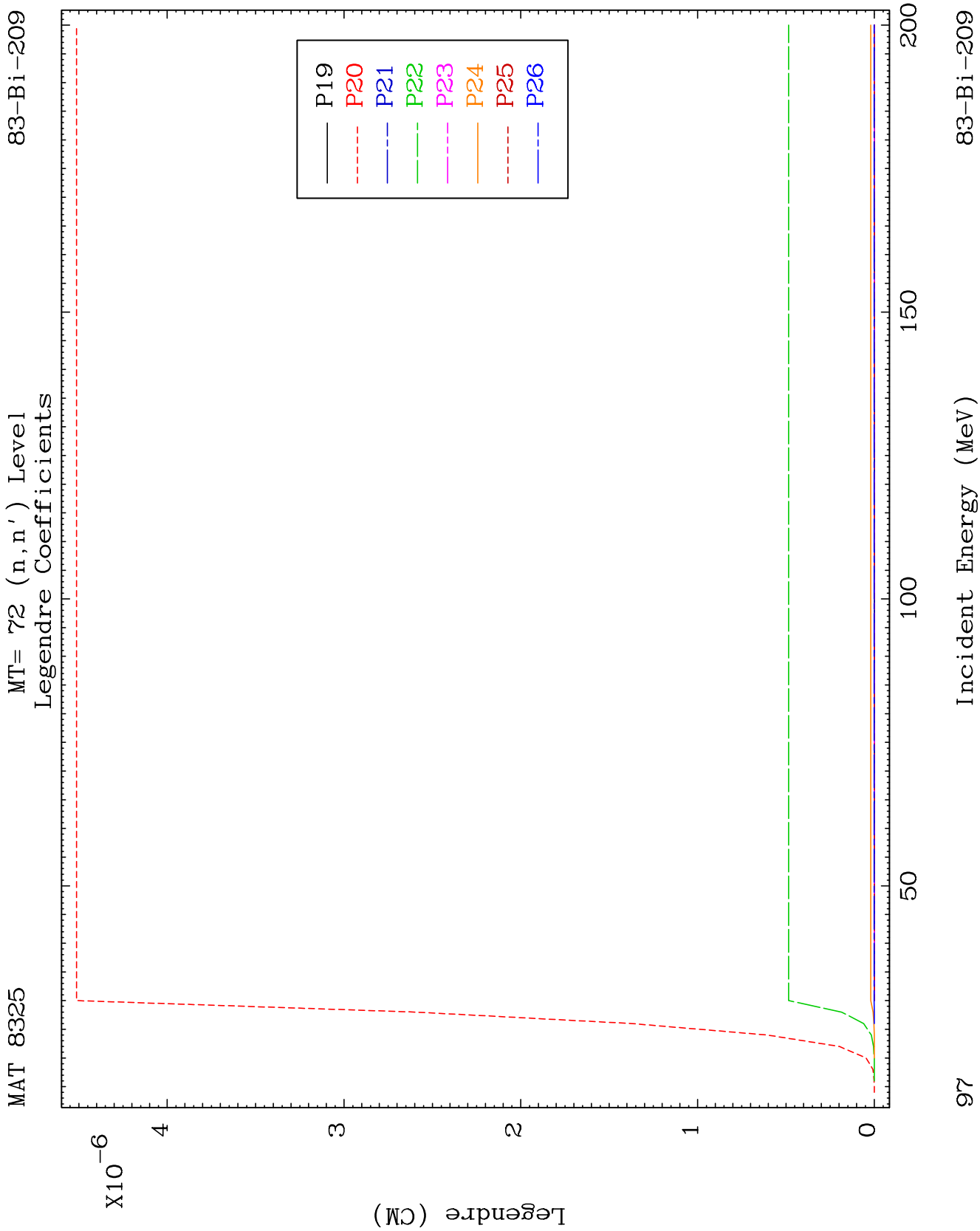


46

Incident Energy (MeV)

83-Bi-209

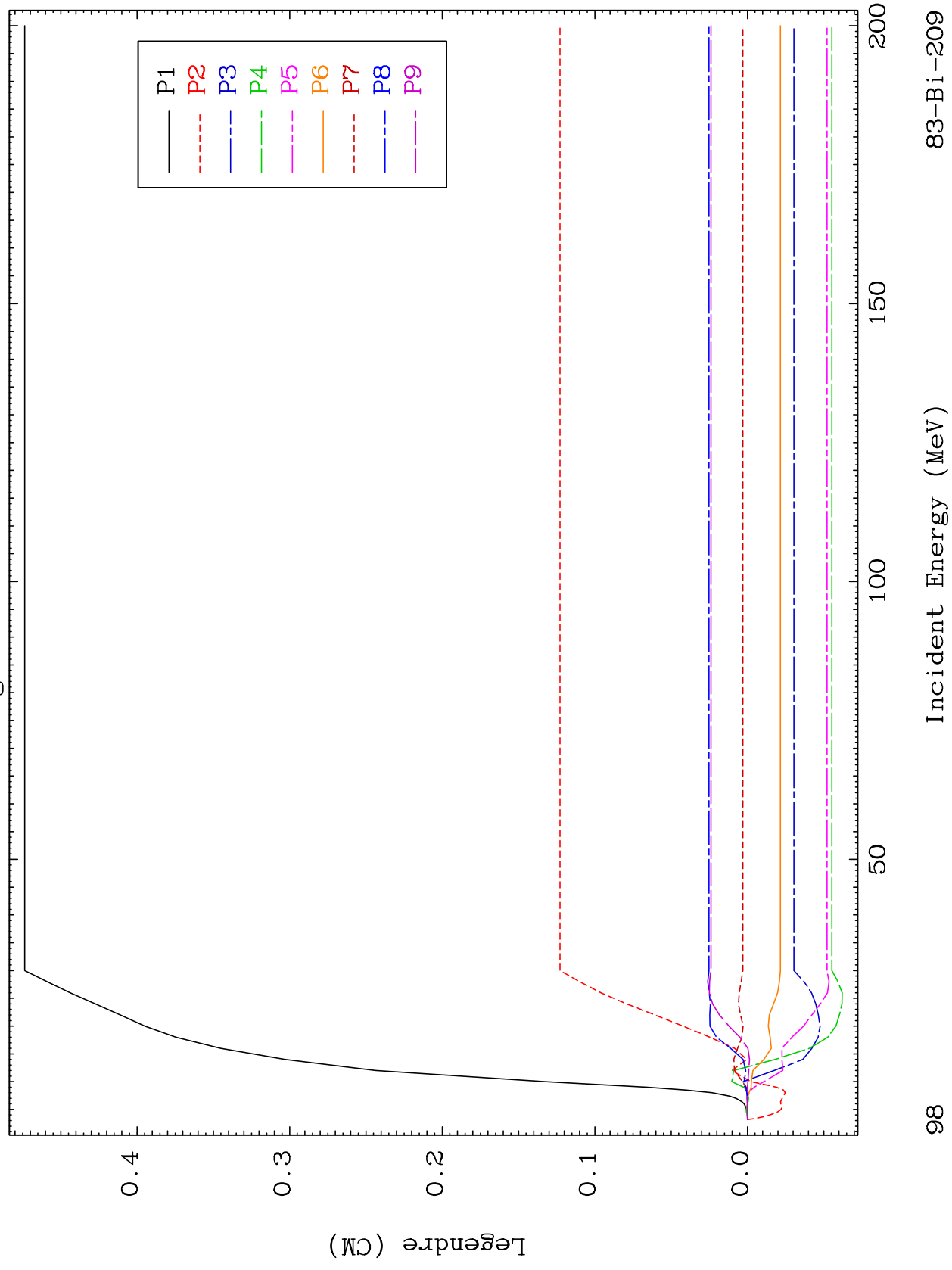




MAT 8325

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

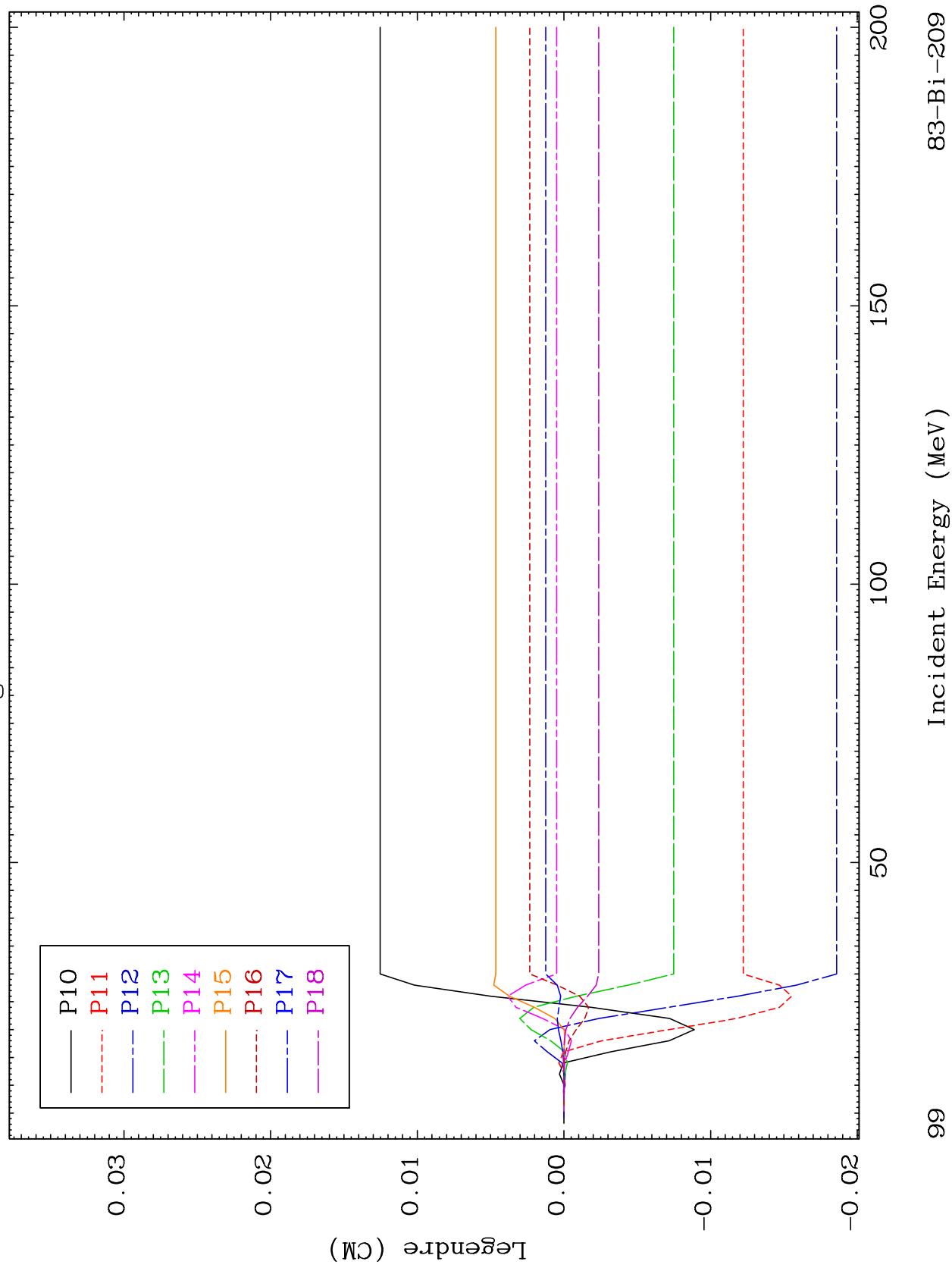
83-Bi-209

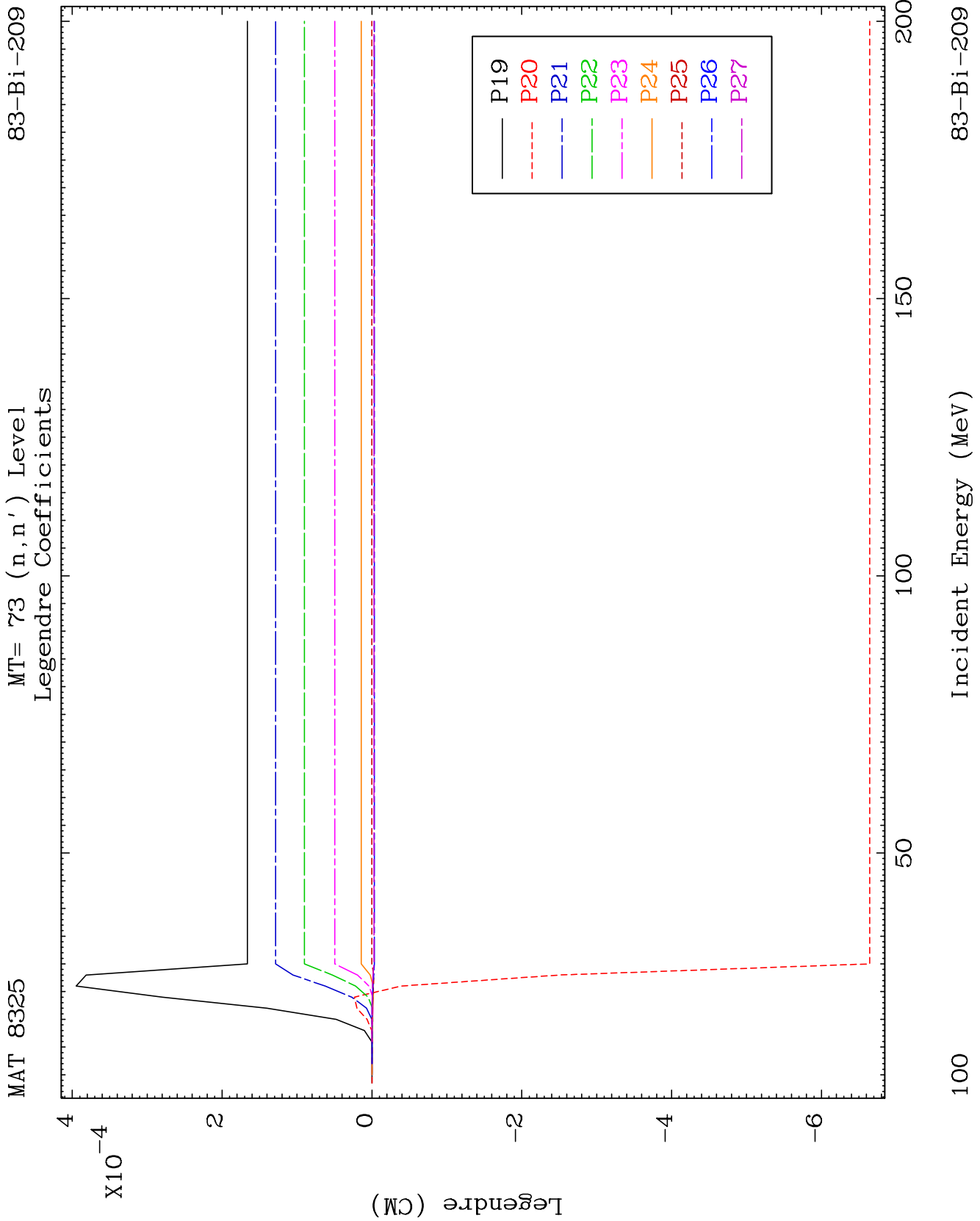


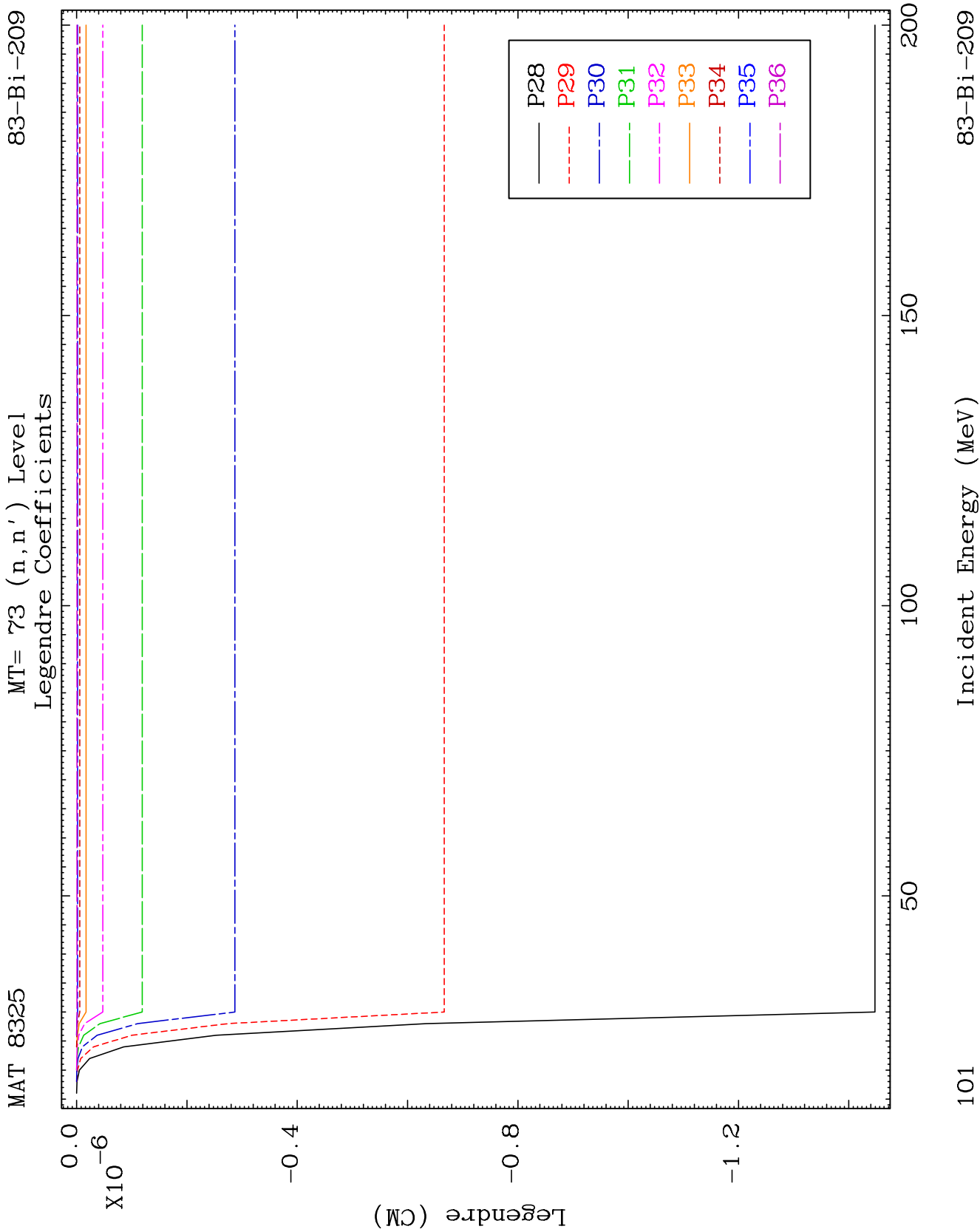
MAT 8325

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

83-Bi-209



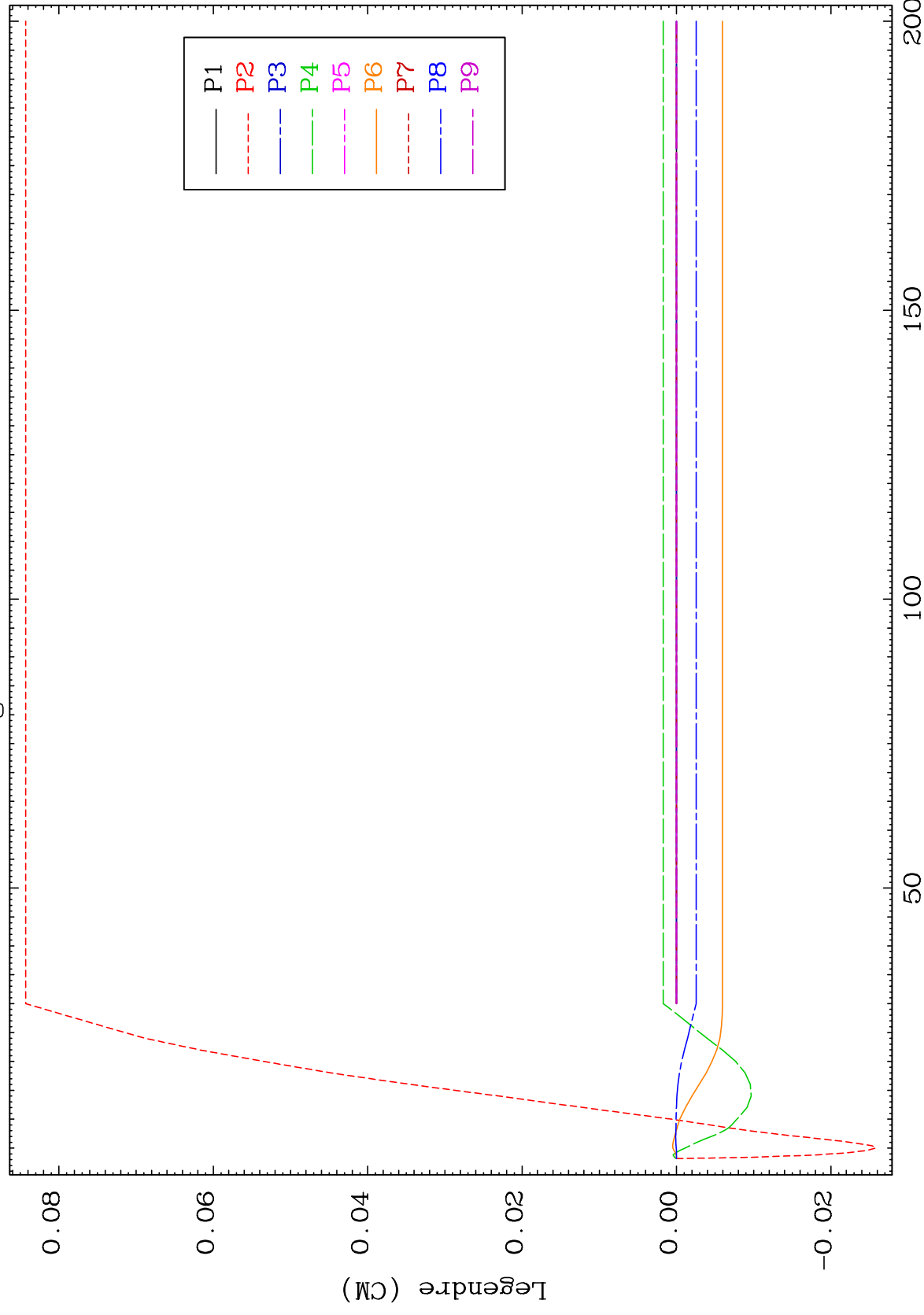




MAT 8325

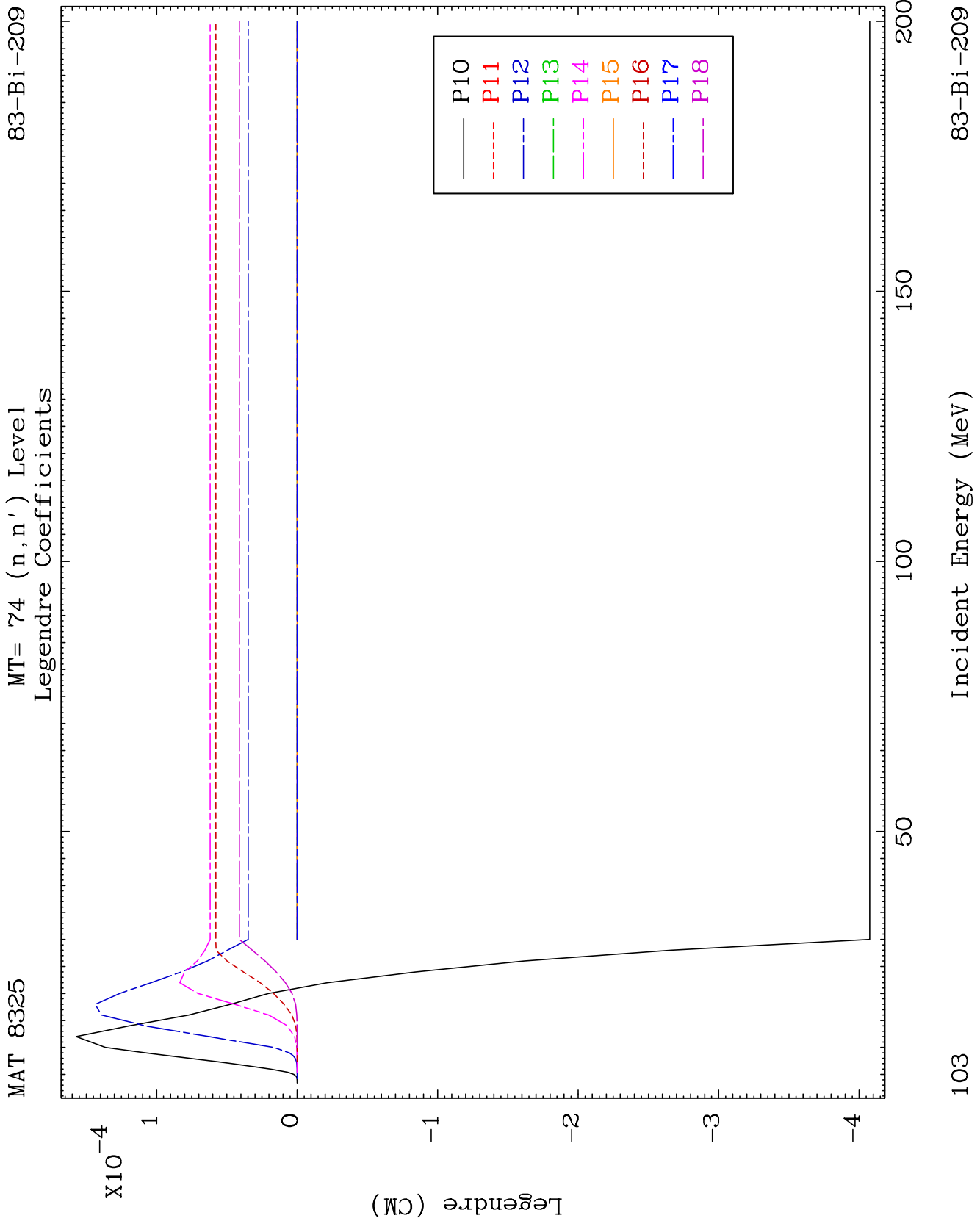
MT= 74 (n, n') Level
Legendre Coefficients

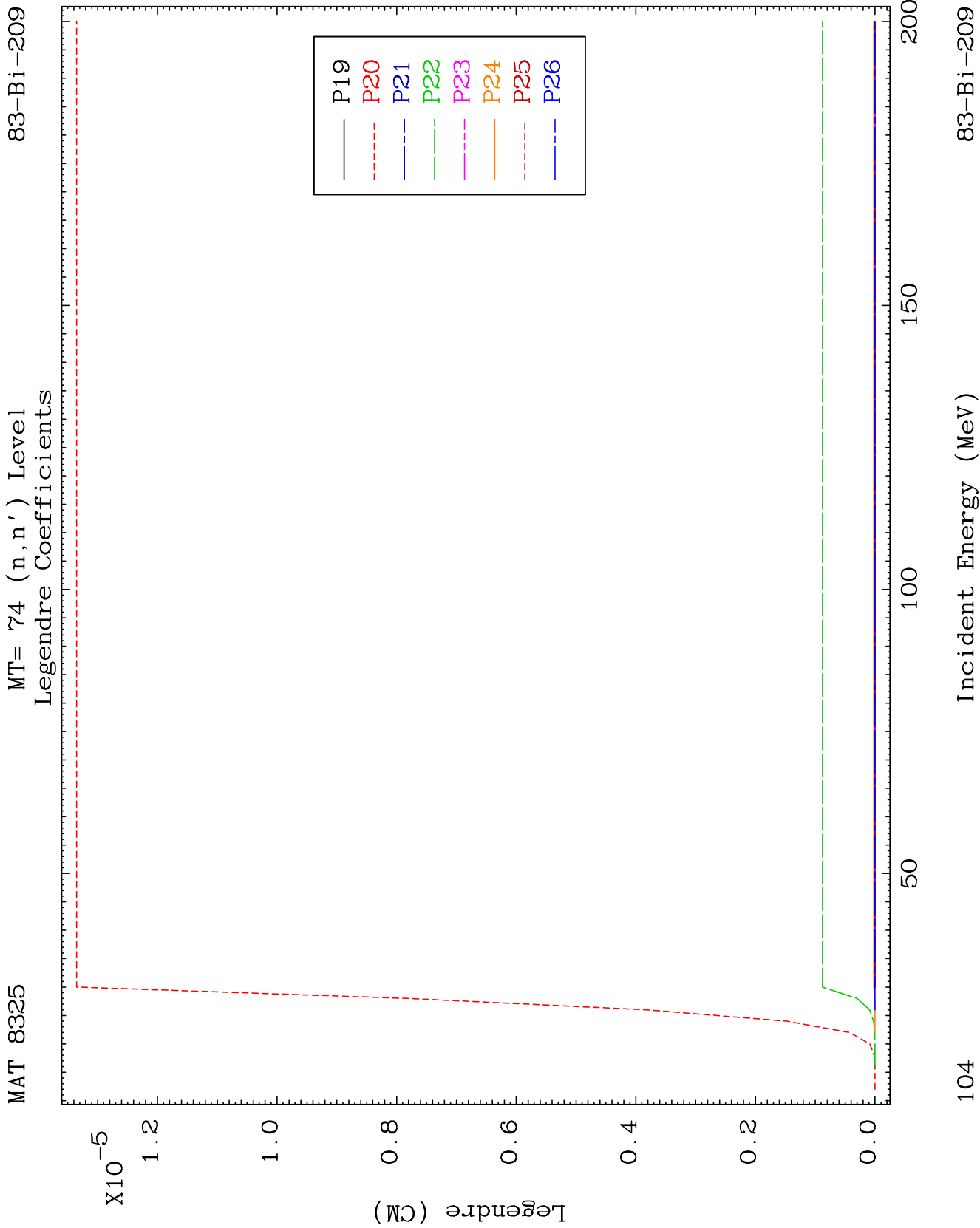
83-Bi-209

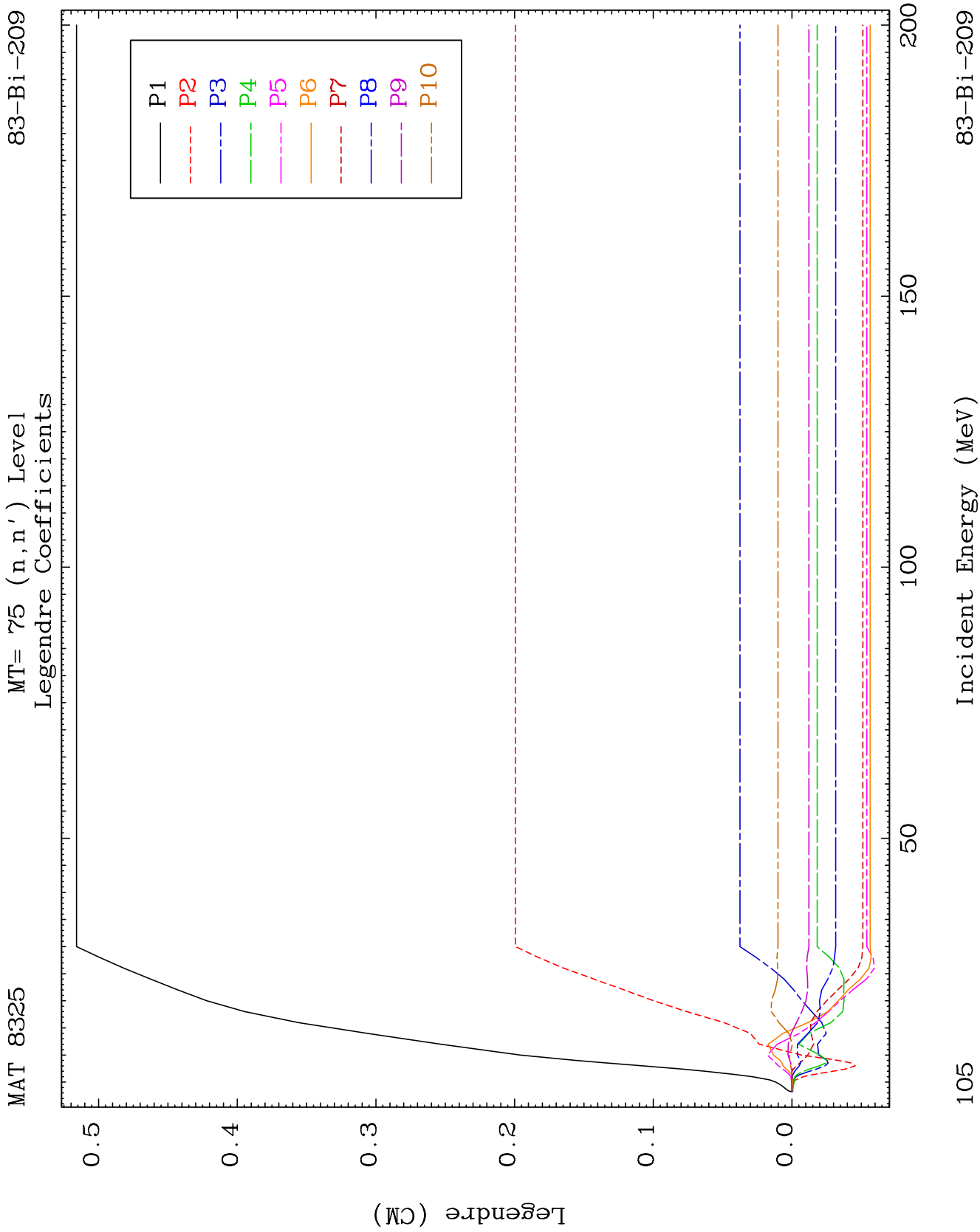


83-Bi-209

Incident Energy (MeV)



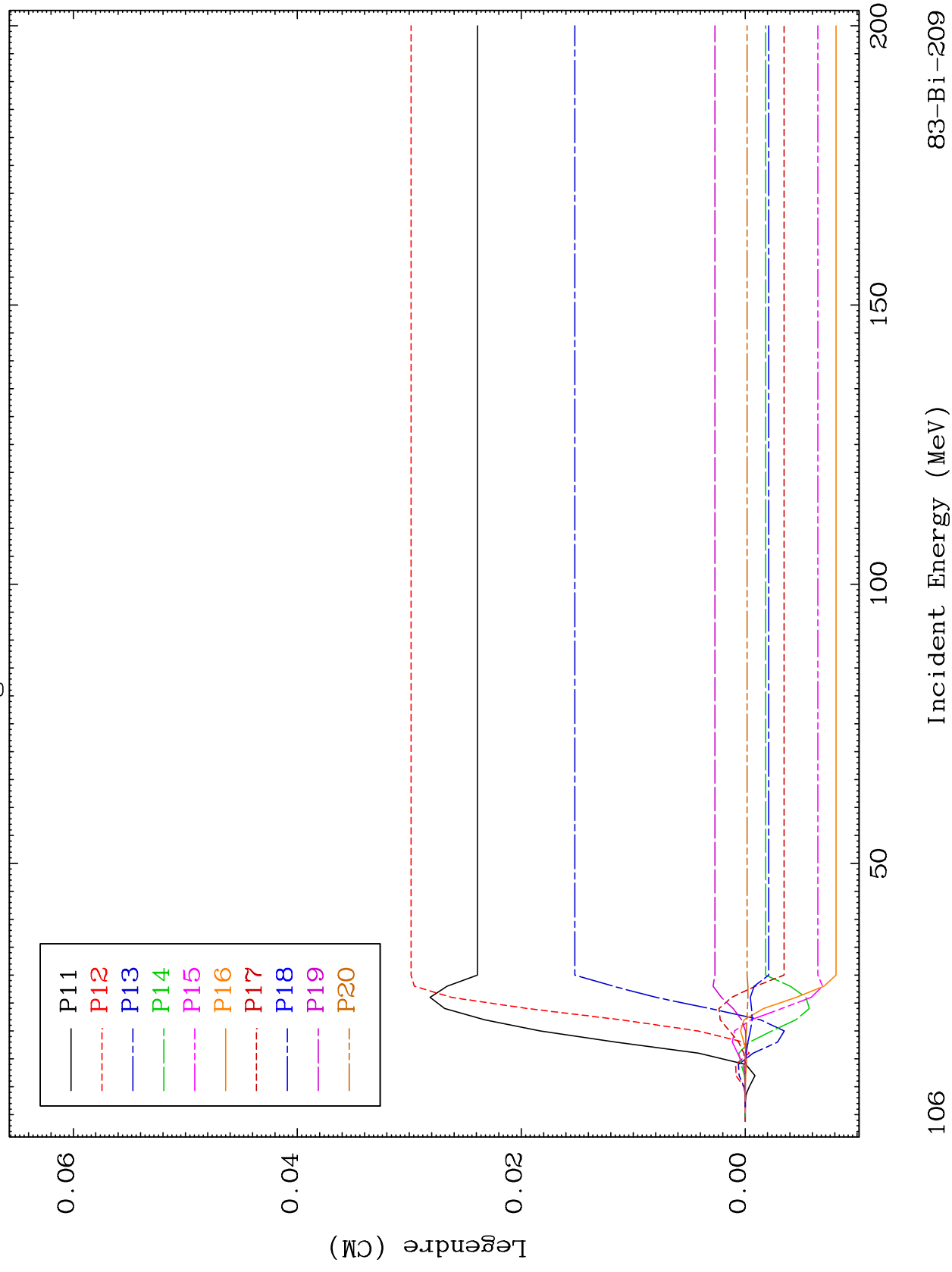


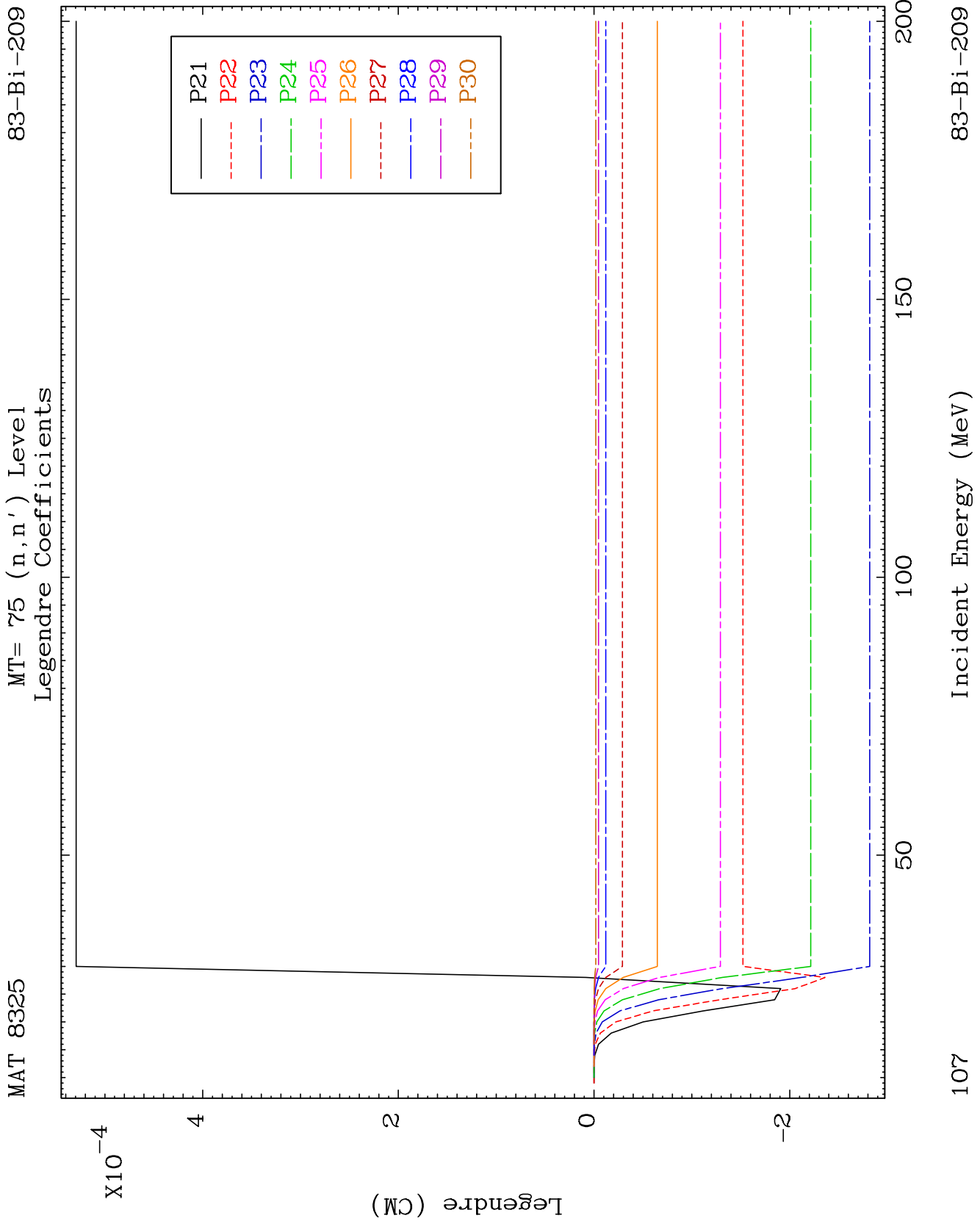


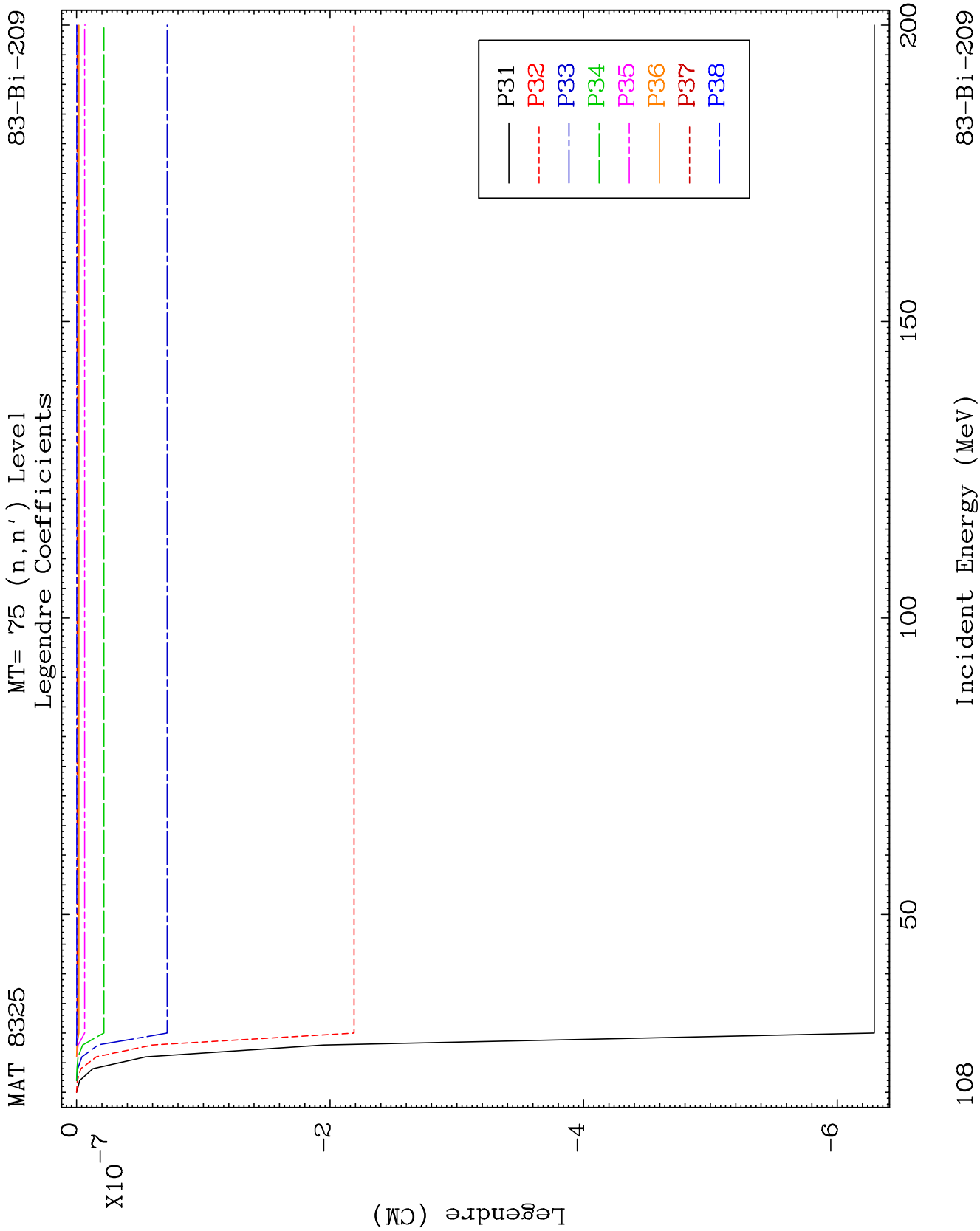
MAT 8325

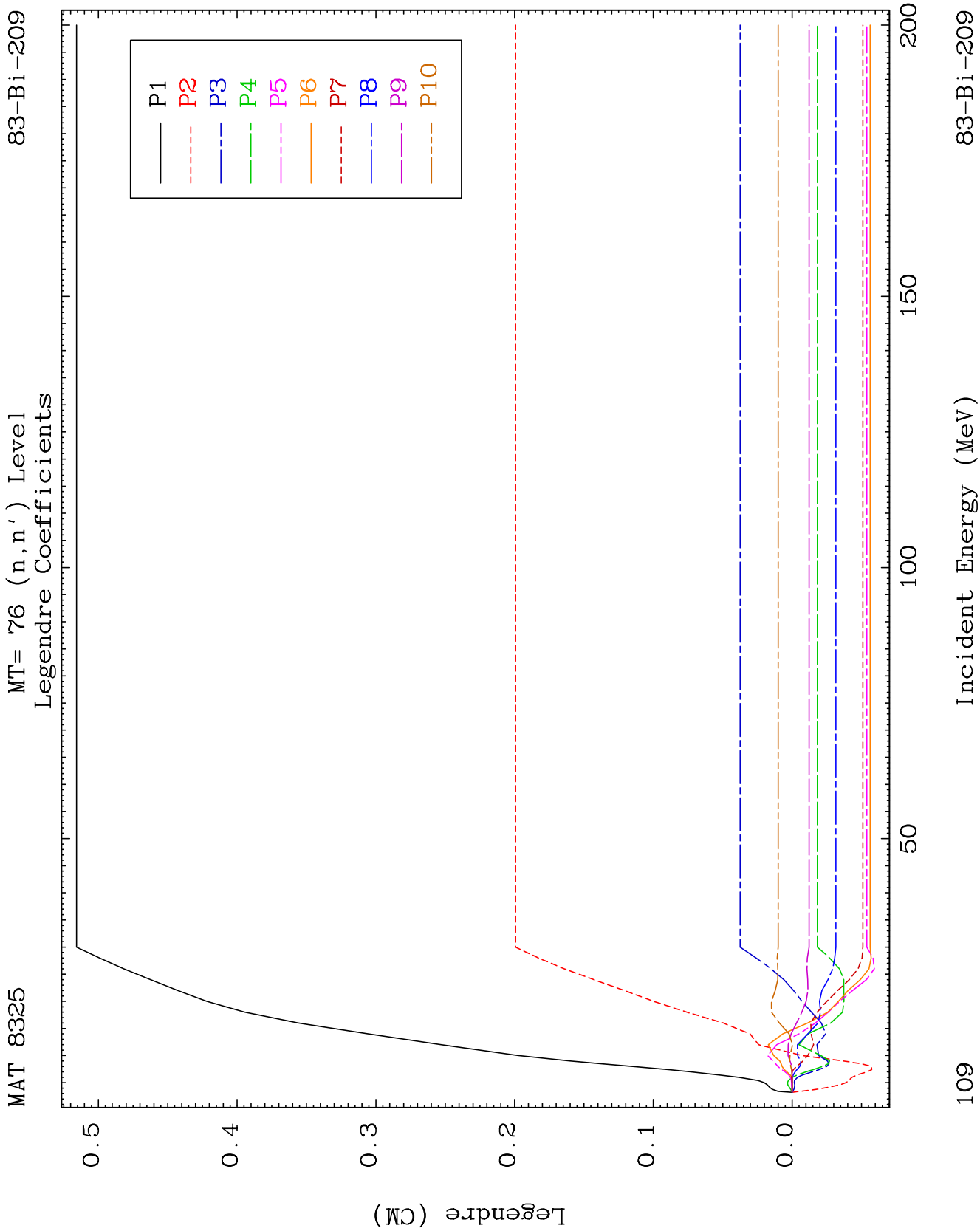
MT= 75 (n, n') Level
Legendre Coefficients

83-Bi-209





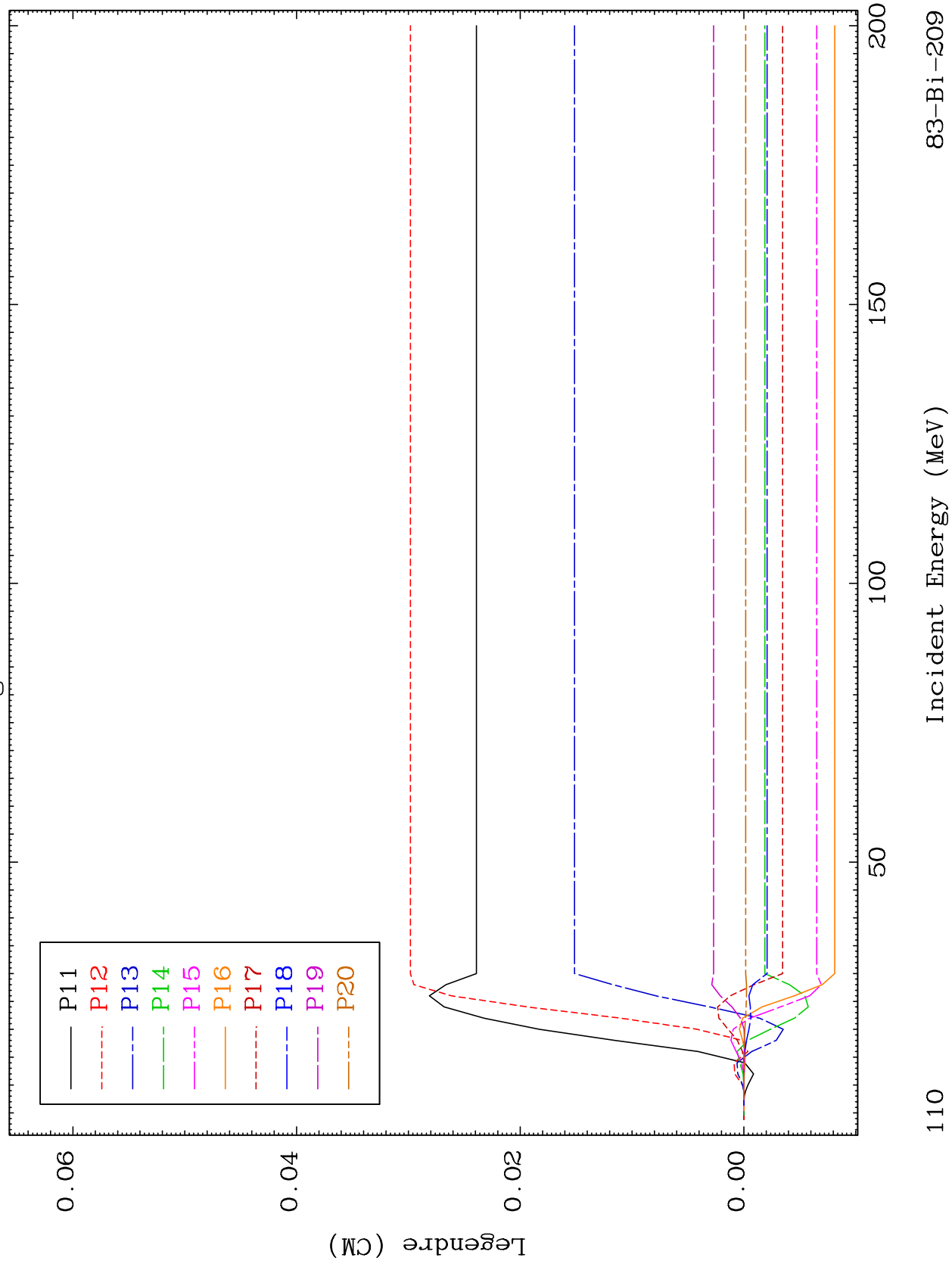


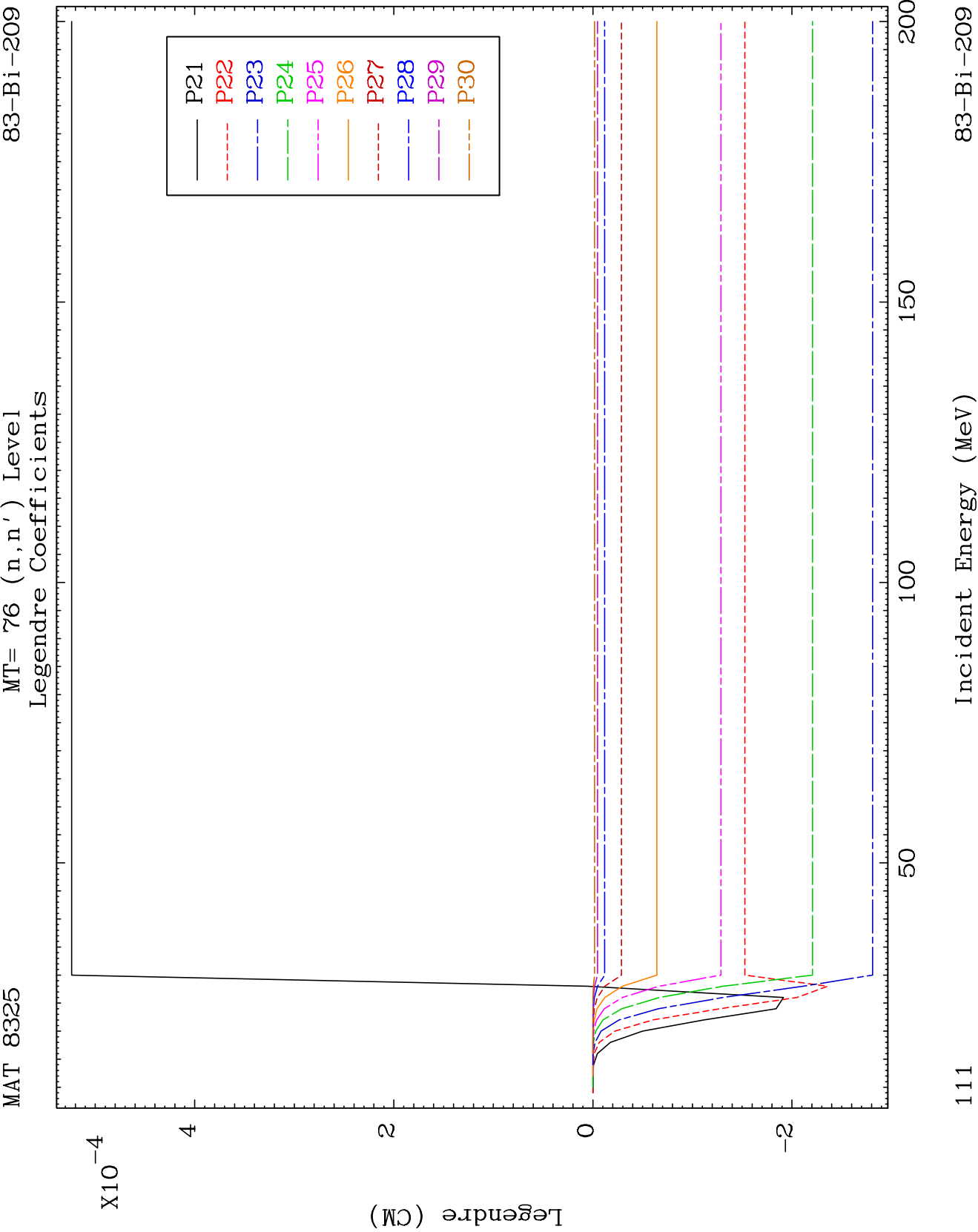


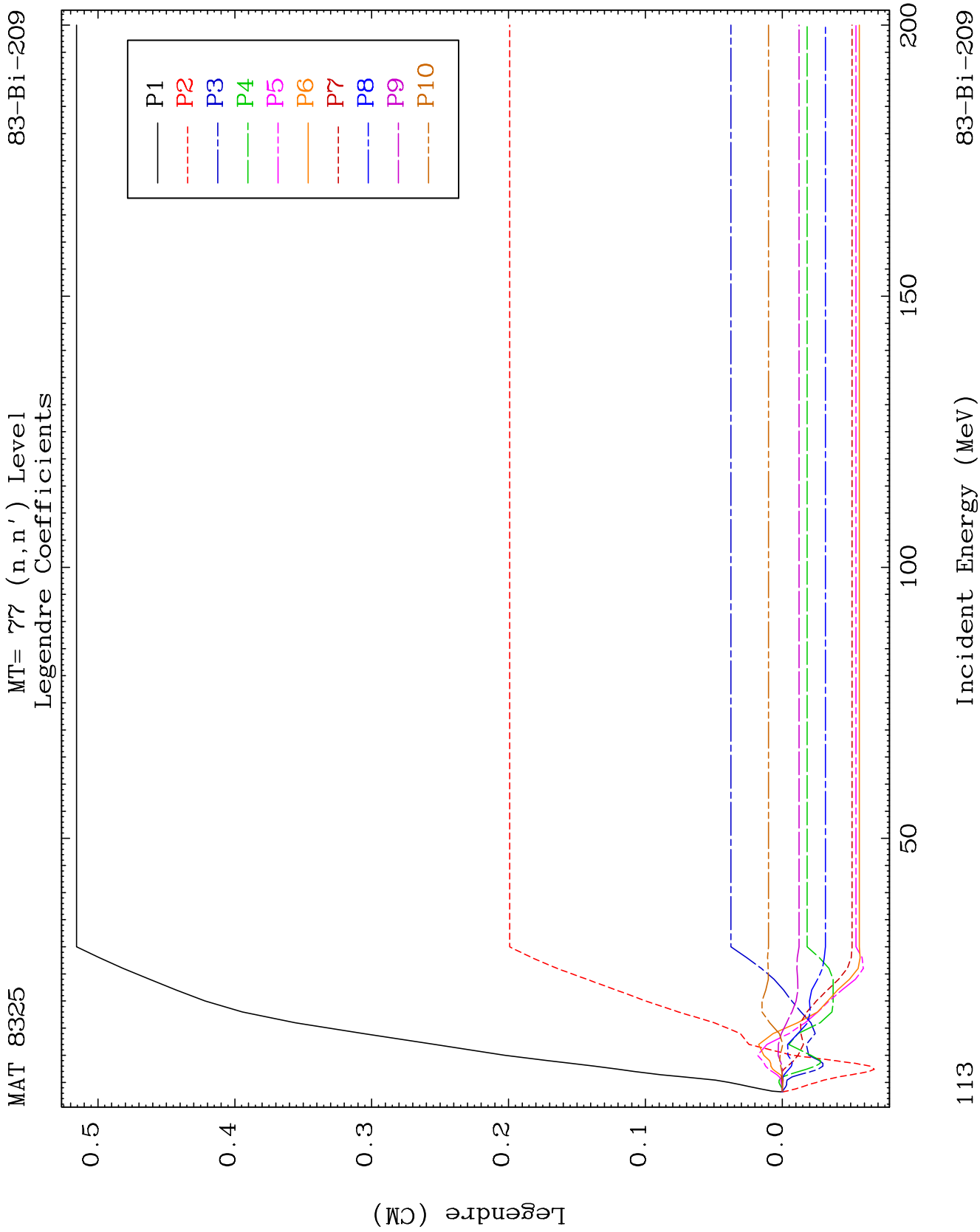
MAT 8325

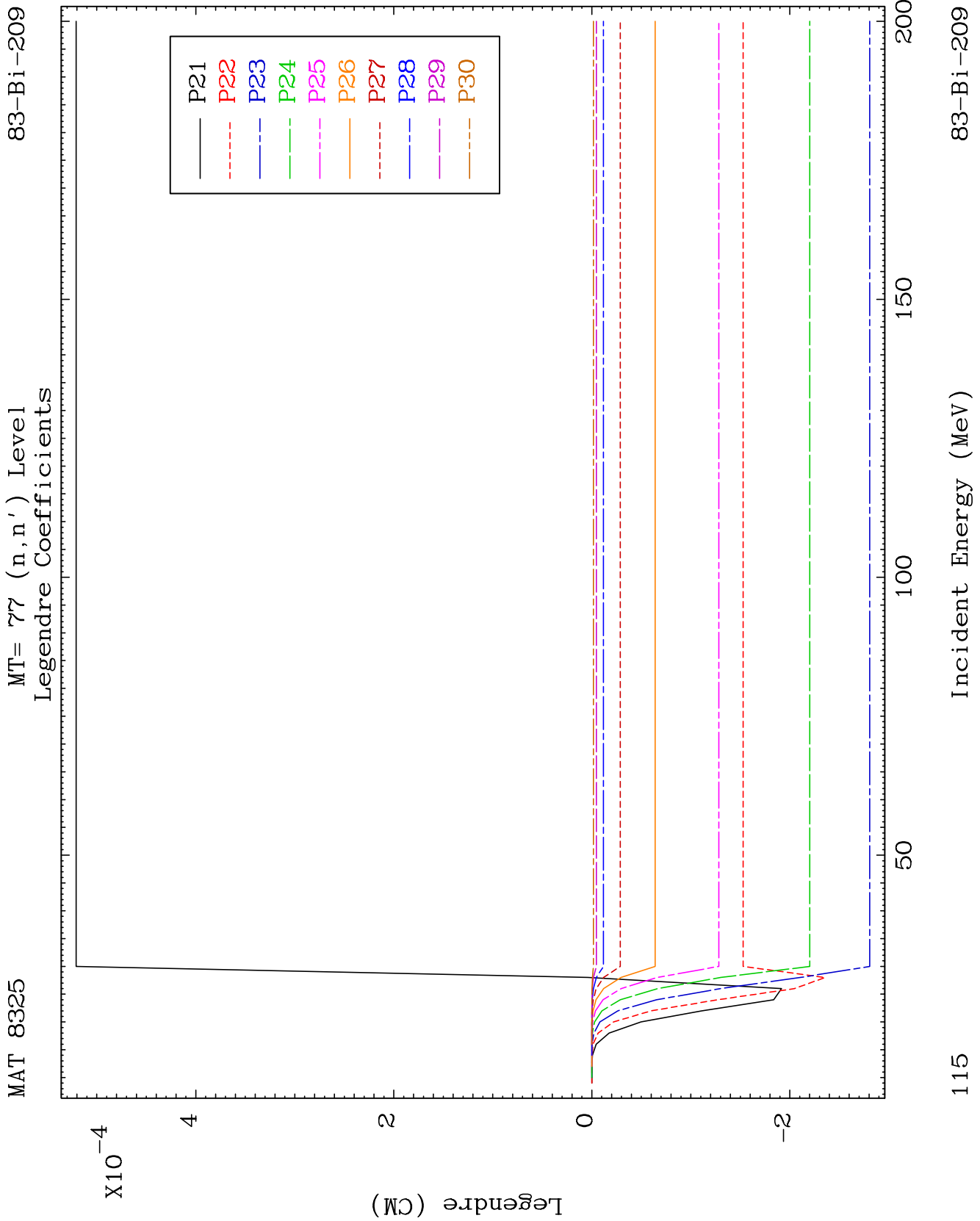
MT= 76 (n, n') Level
Legendre Coefficients

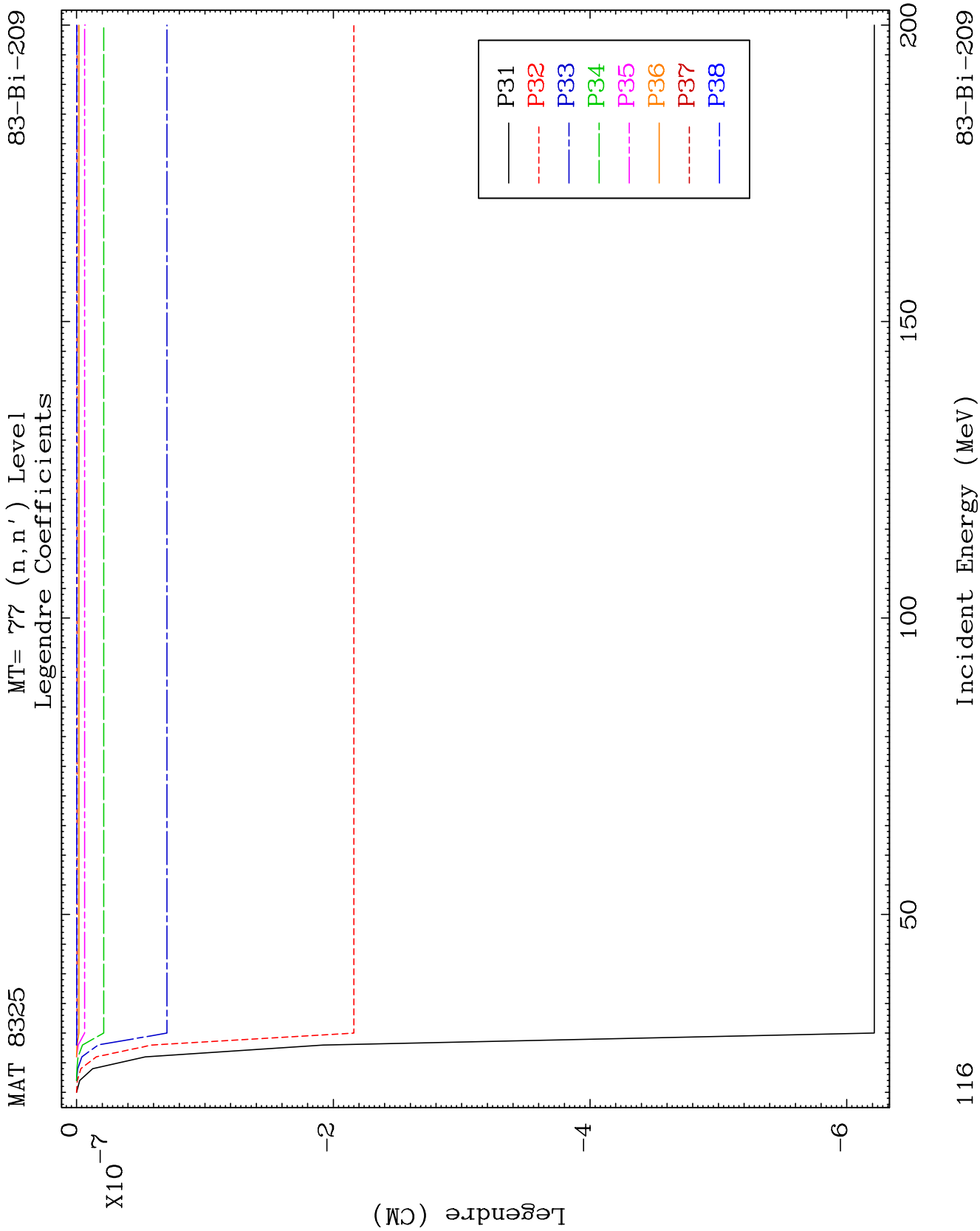
83-Bi-209

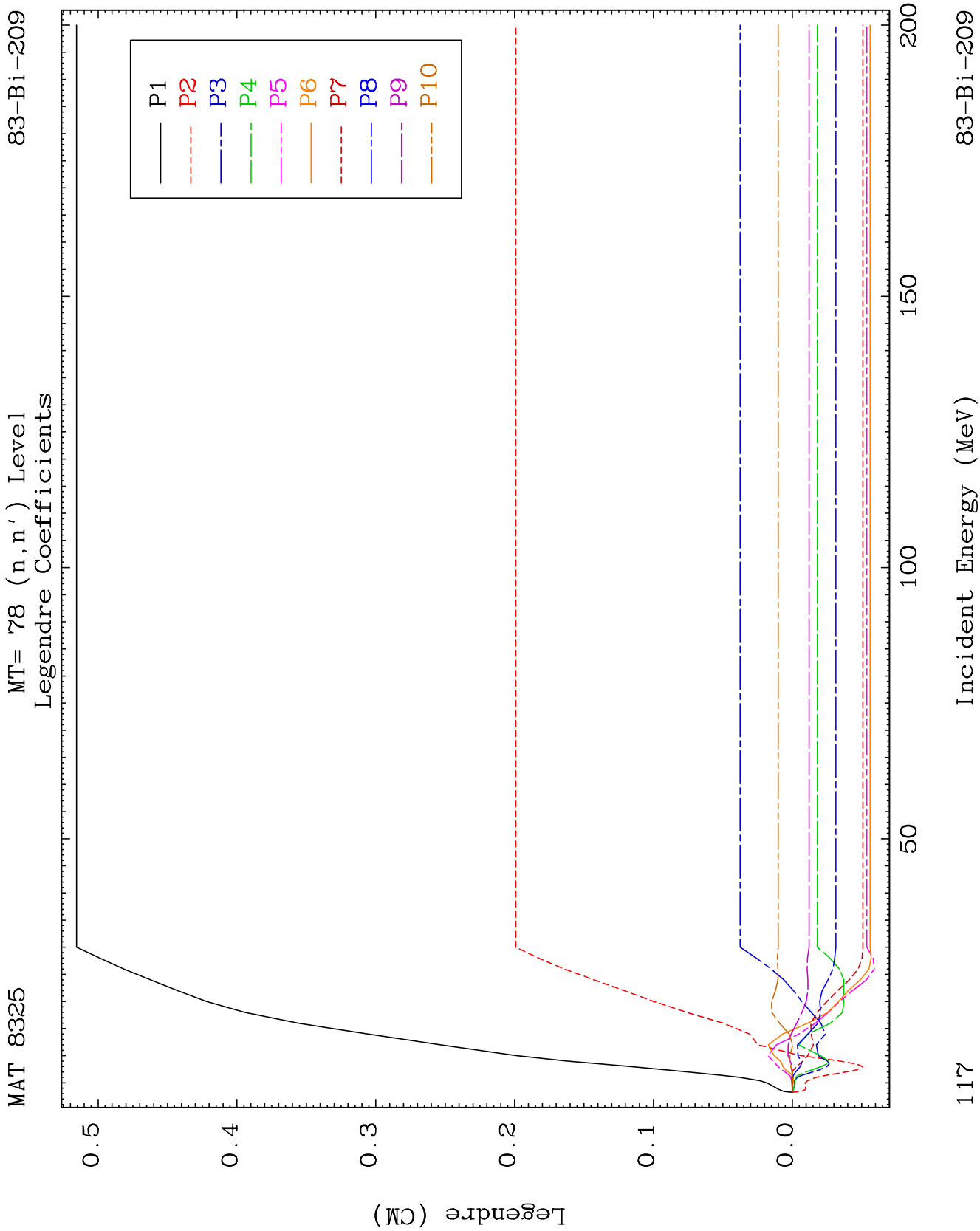


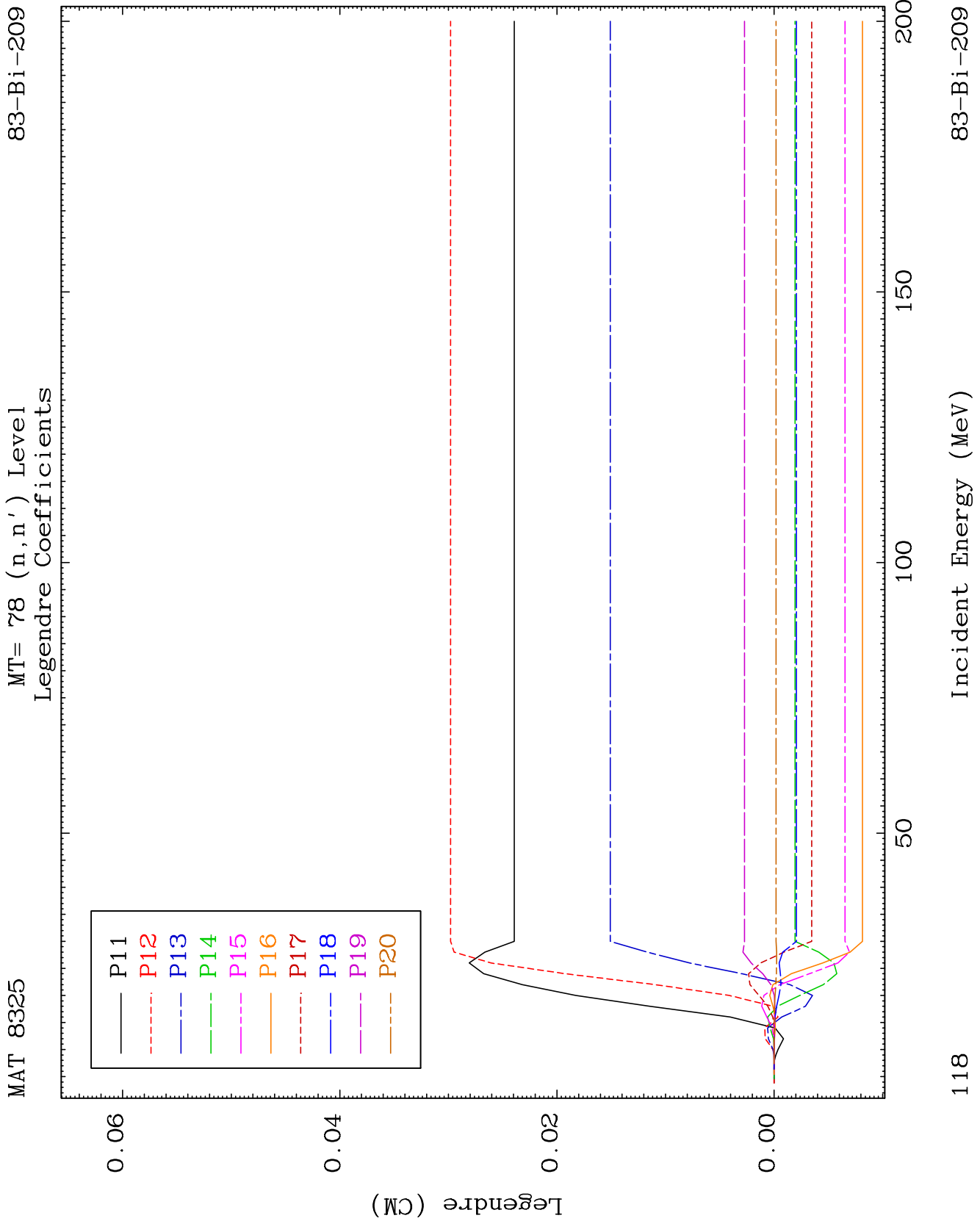


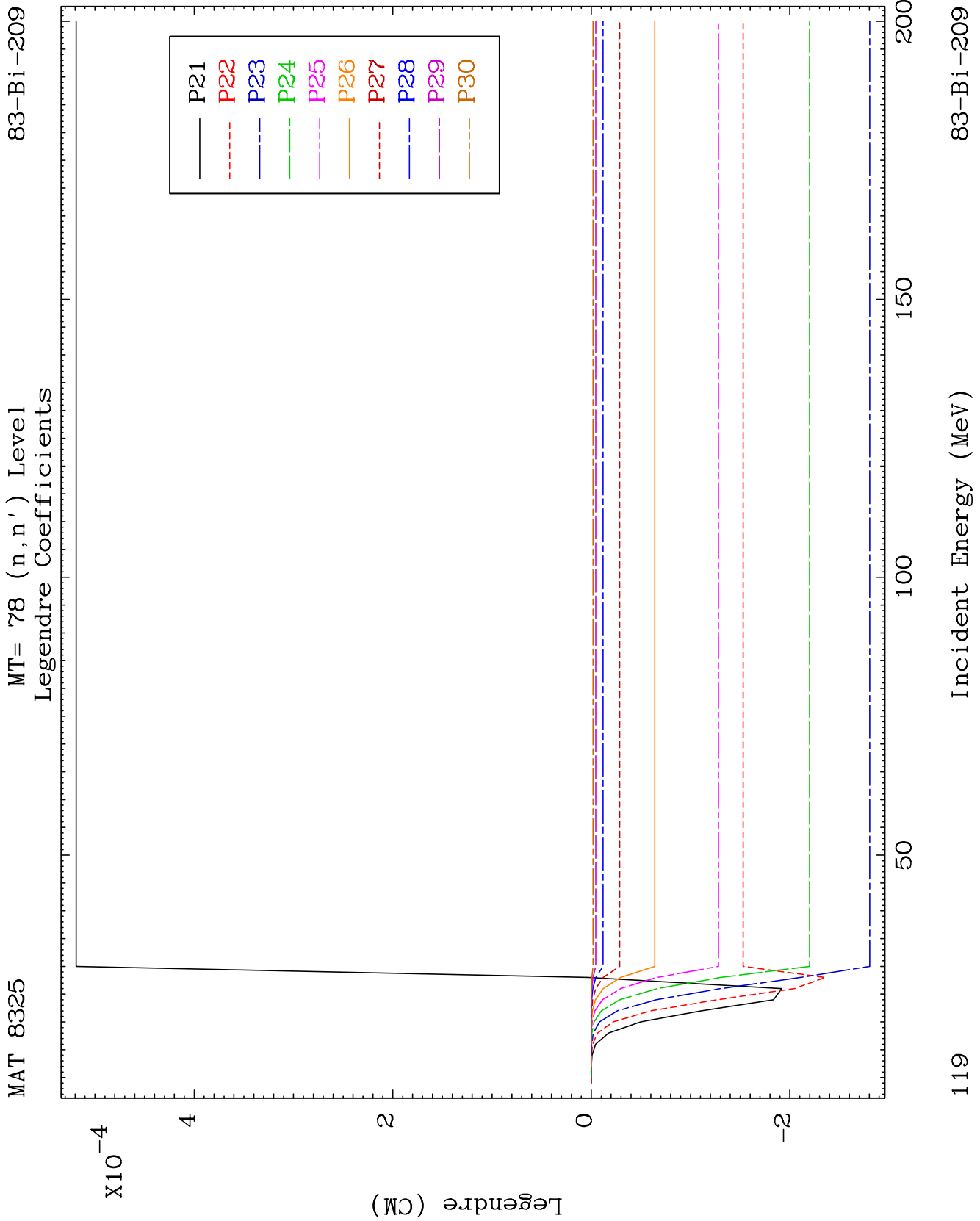


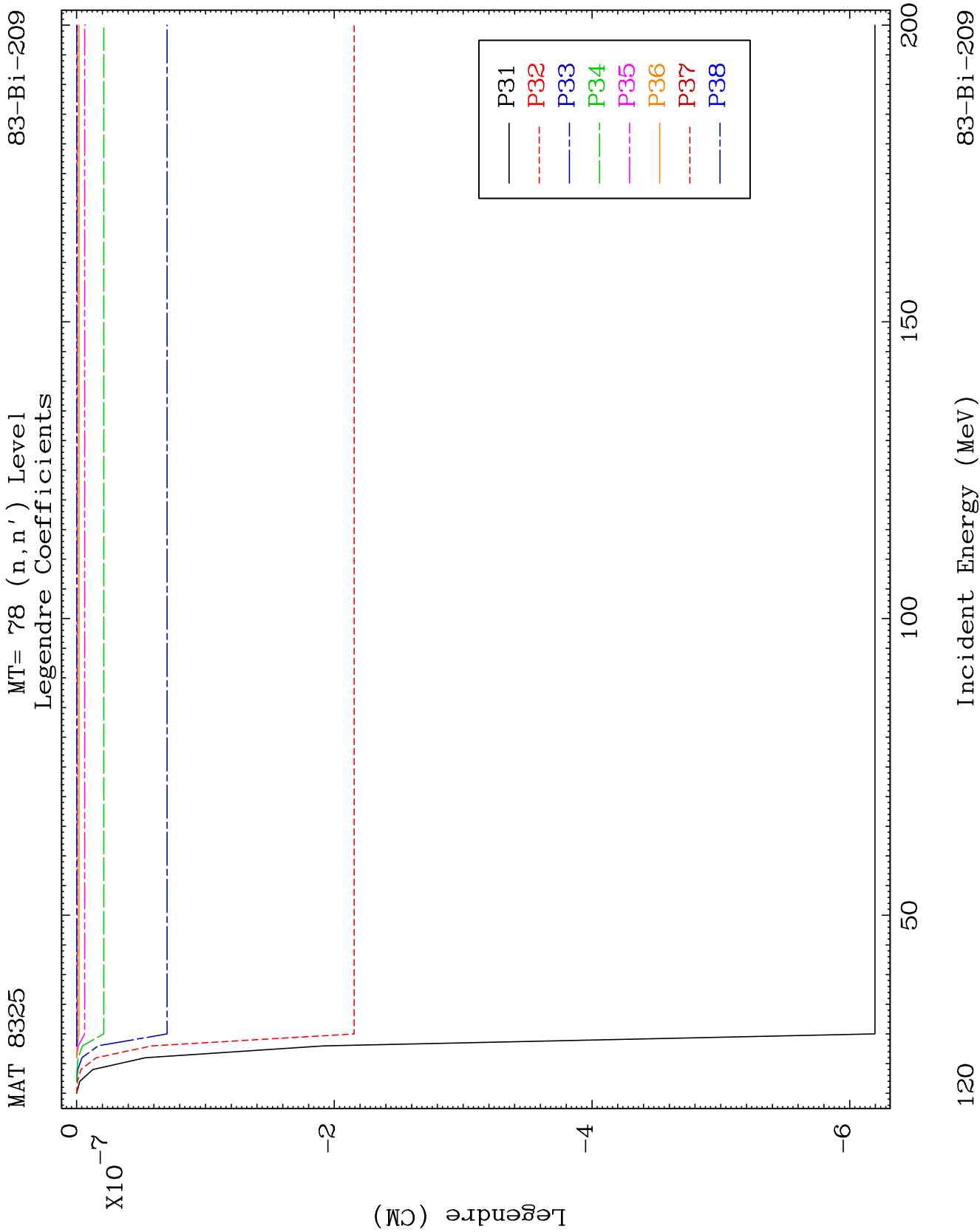


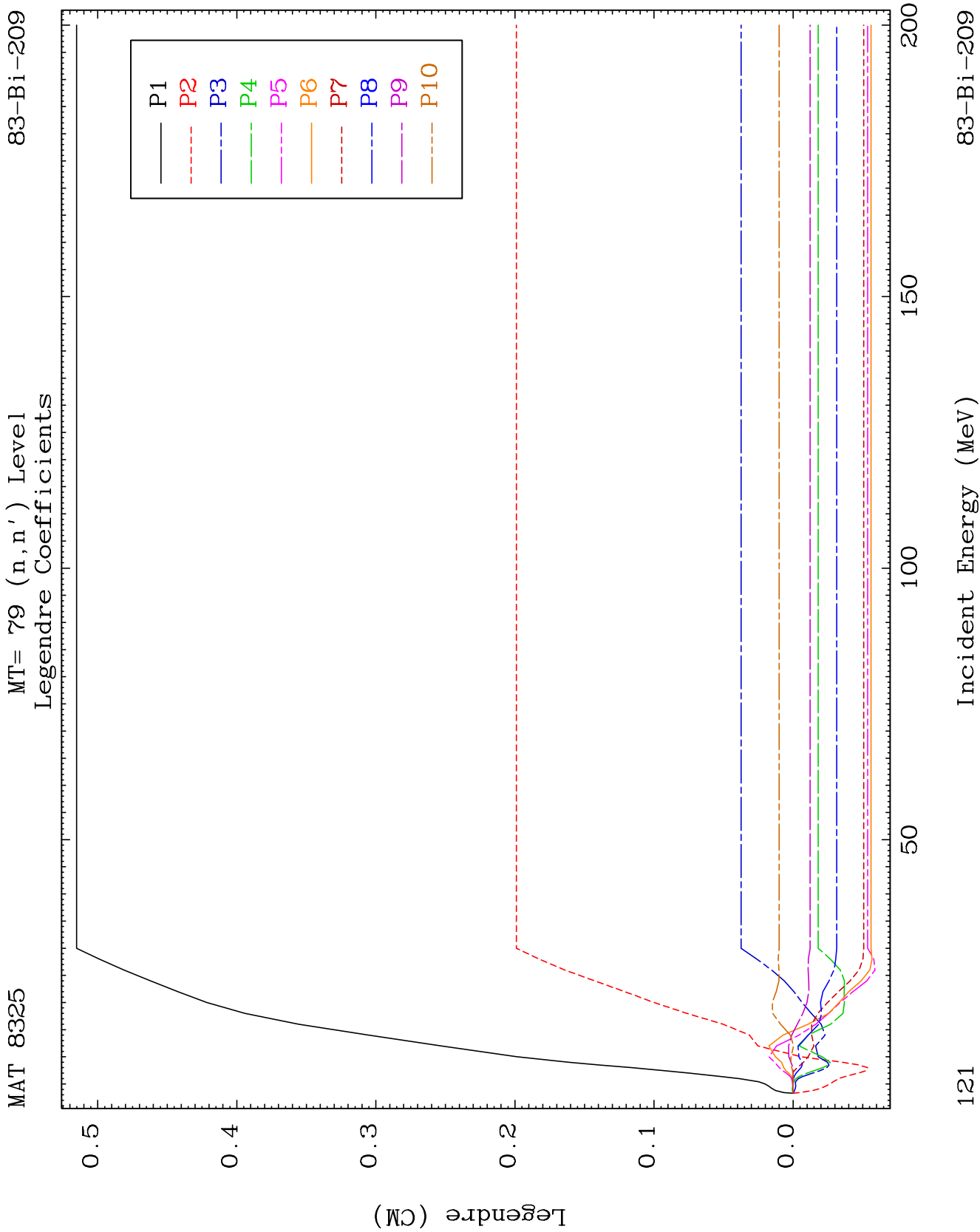


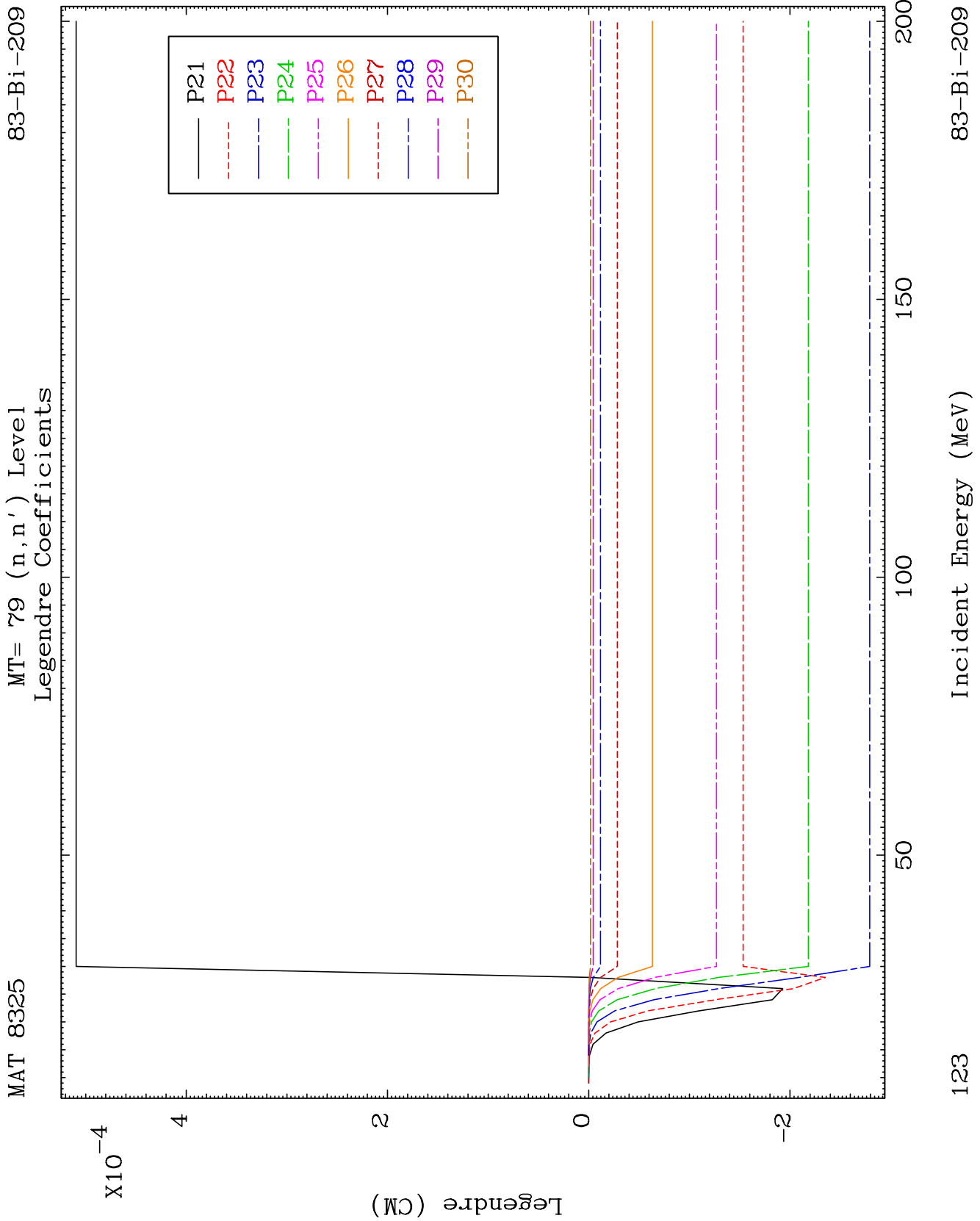


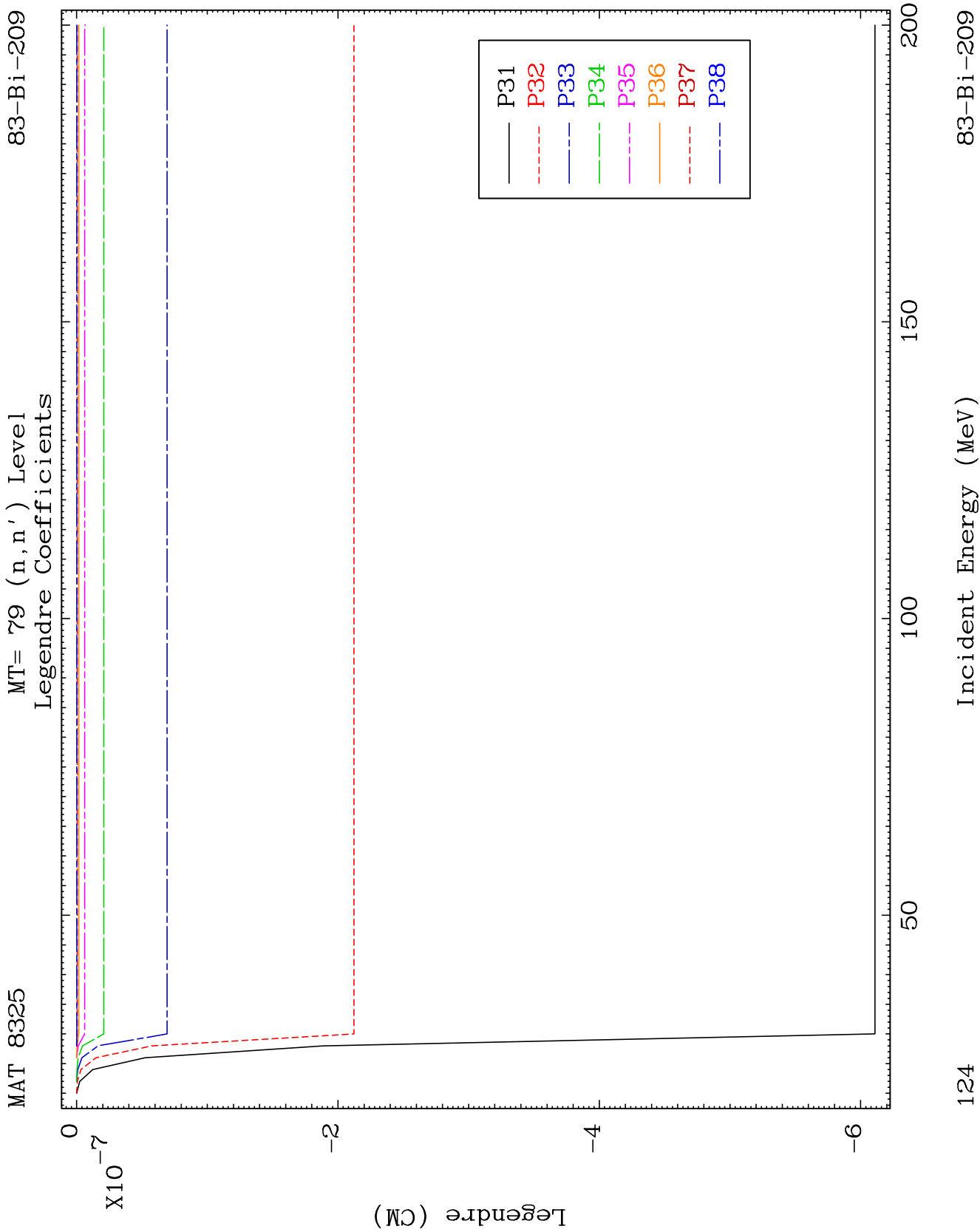


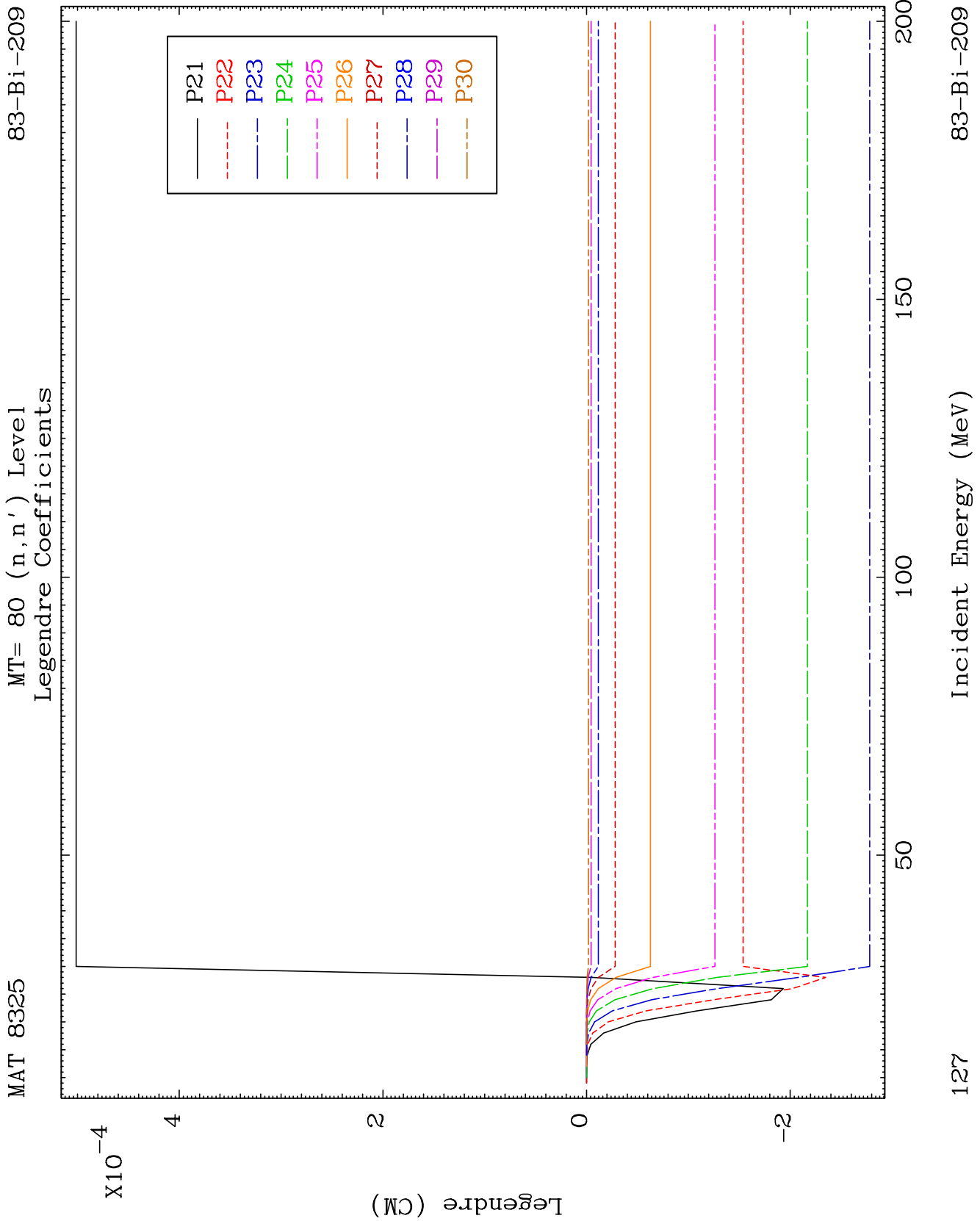


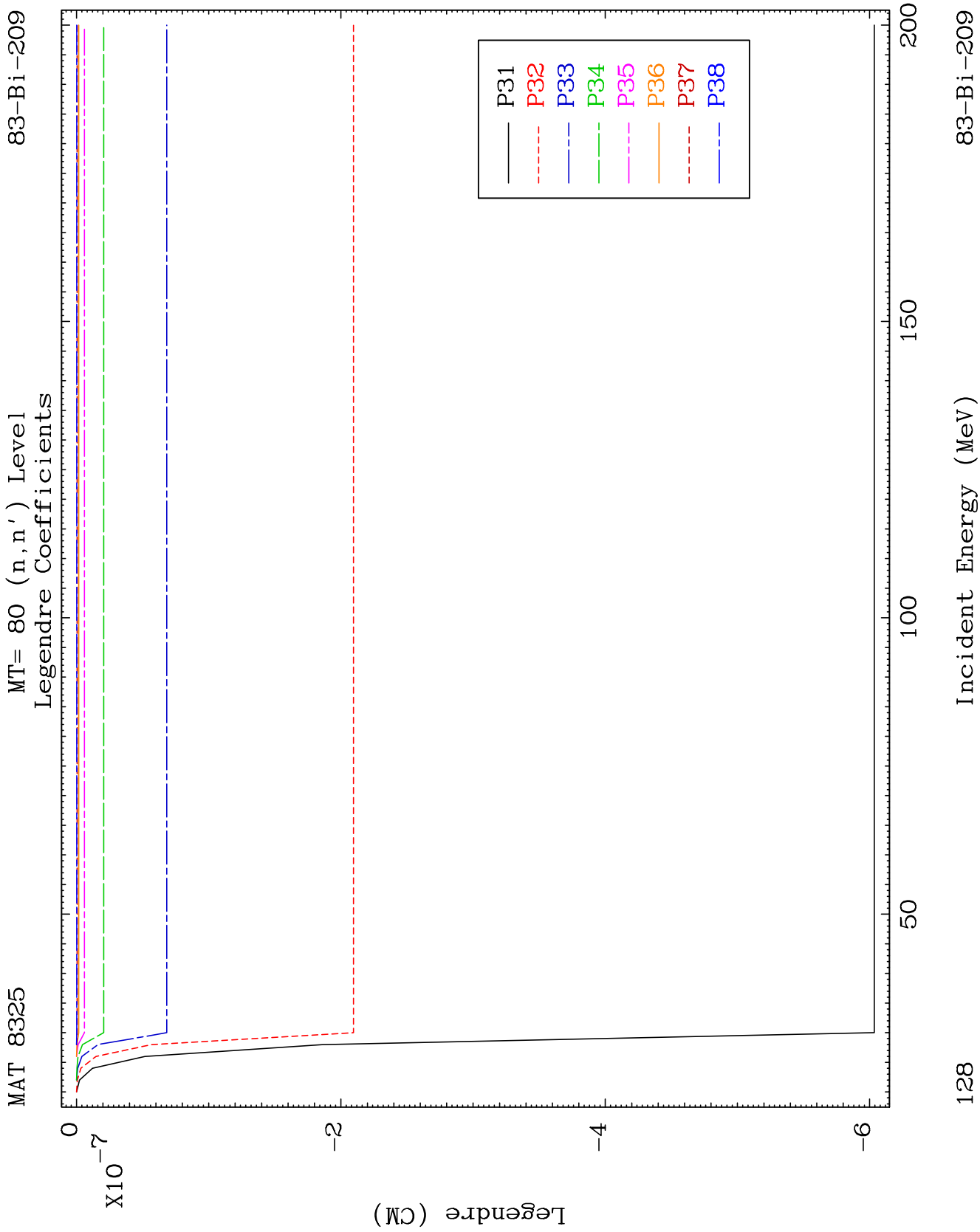










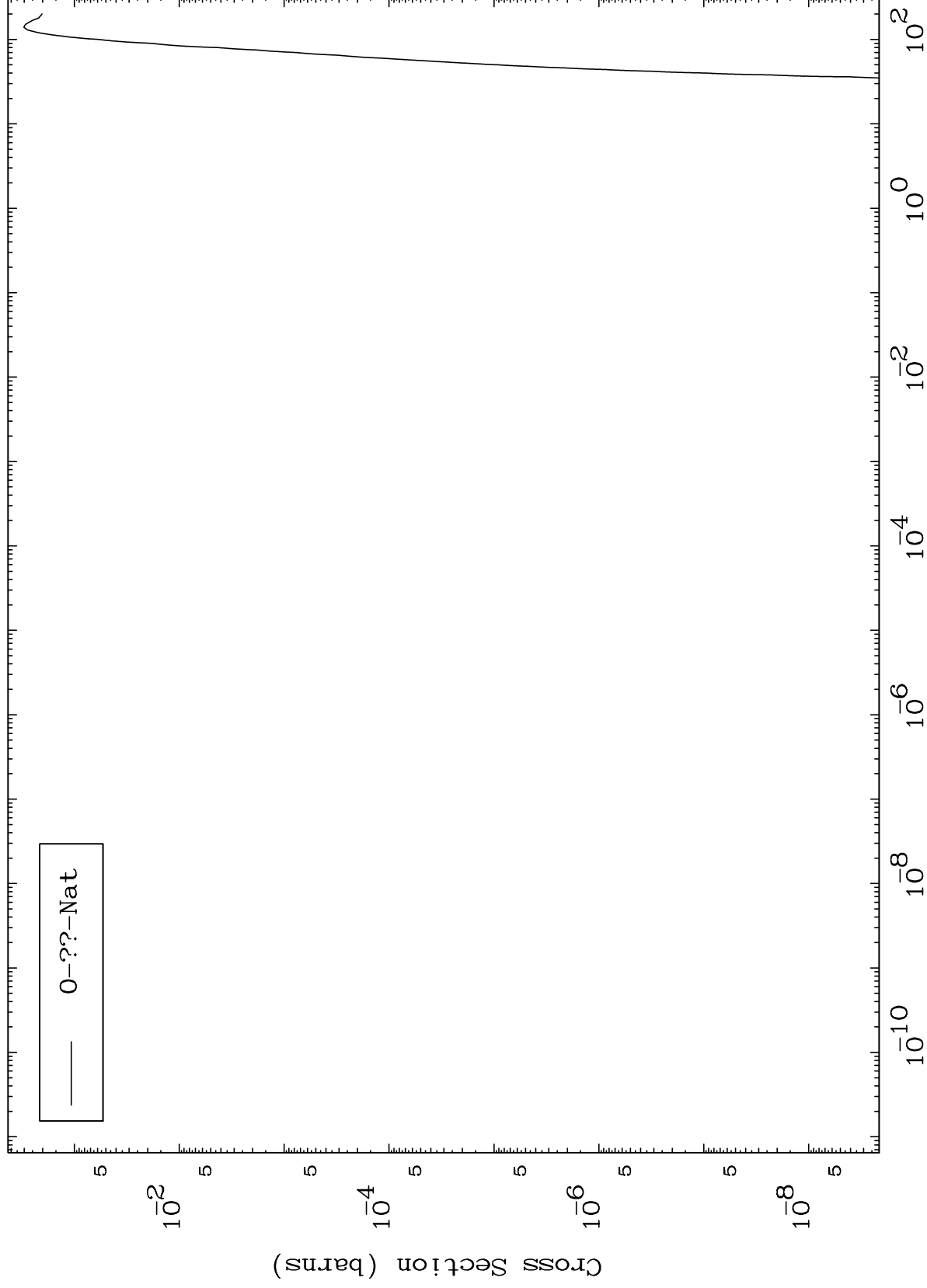


MAT 8325

Fission

83-Bi-209

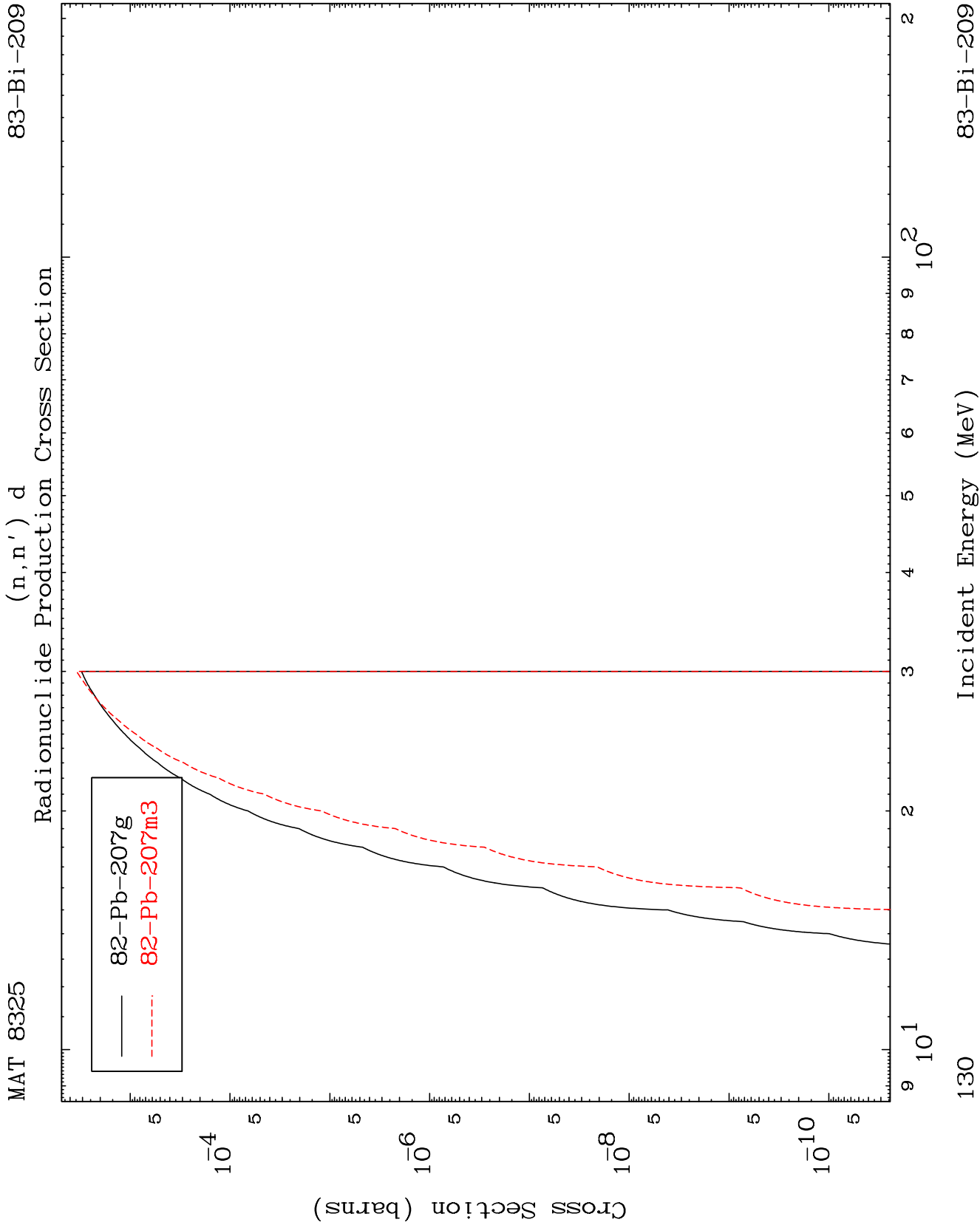
Radionuclide Production Cross Section



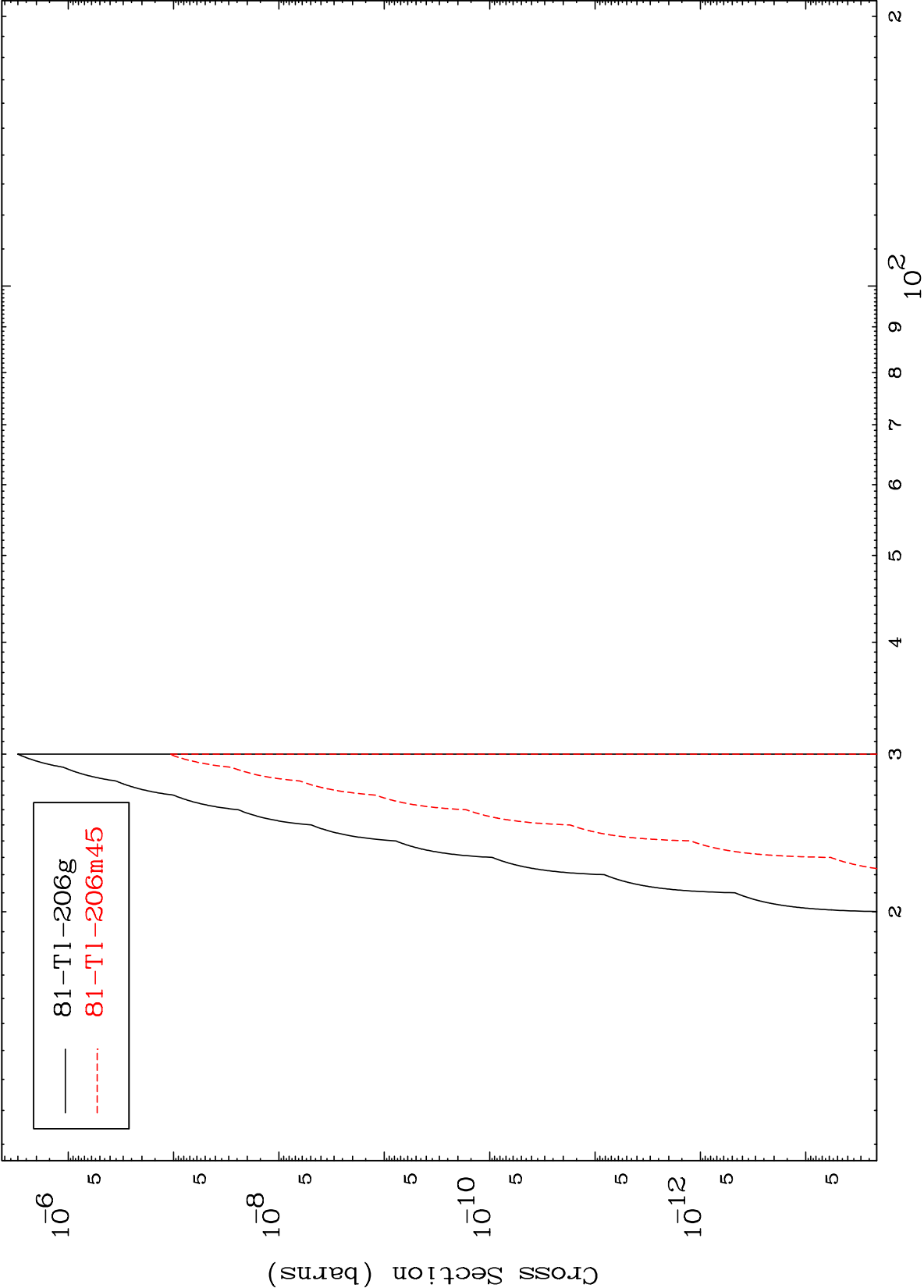
129

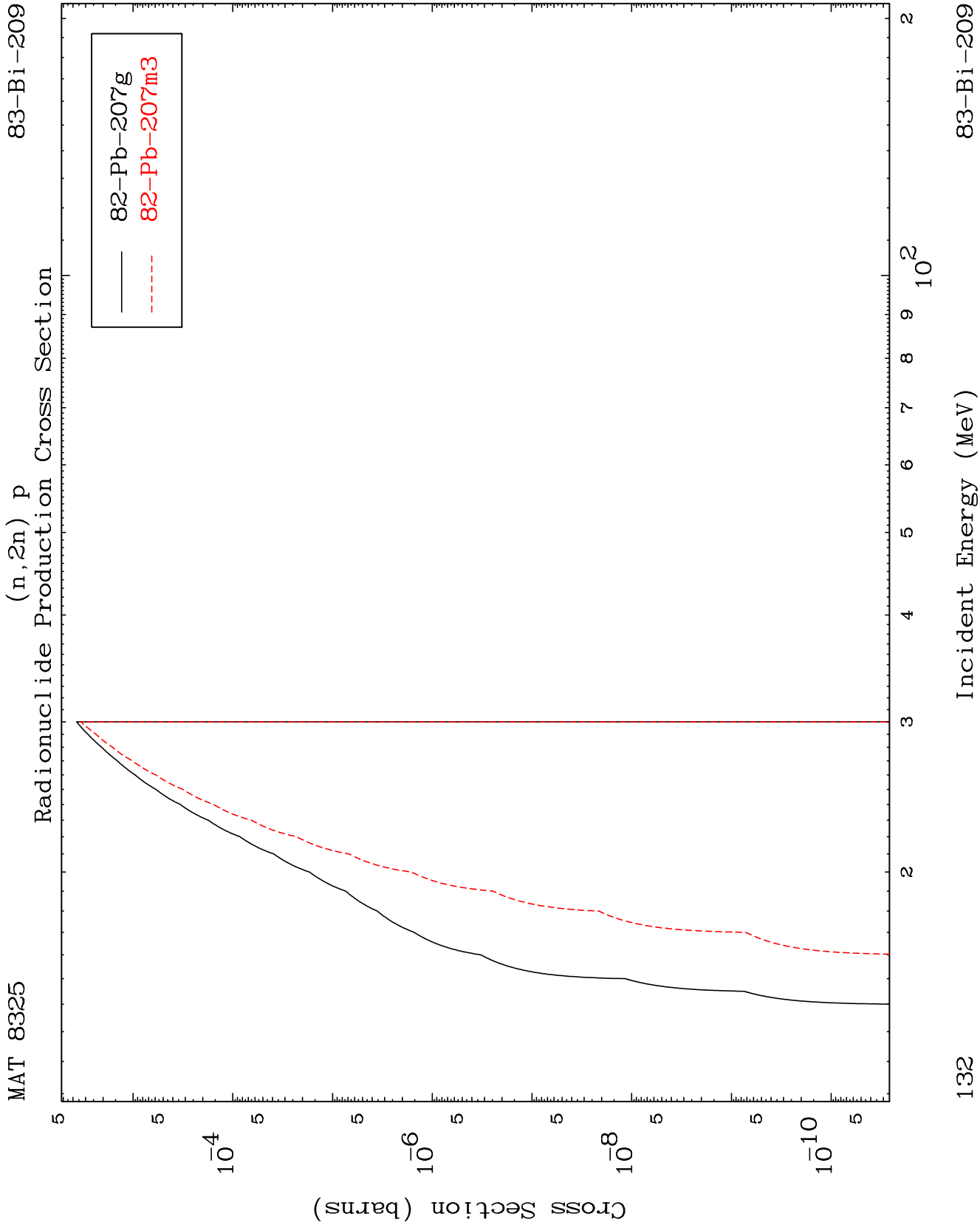
Incident Energy (MeV)

83-Bi-209

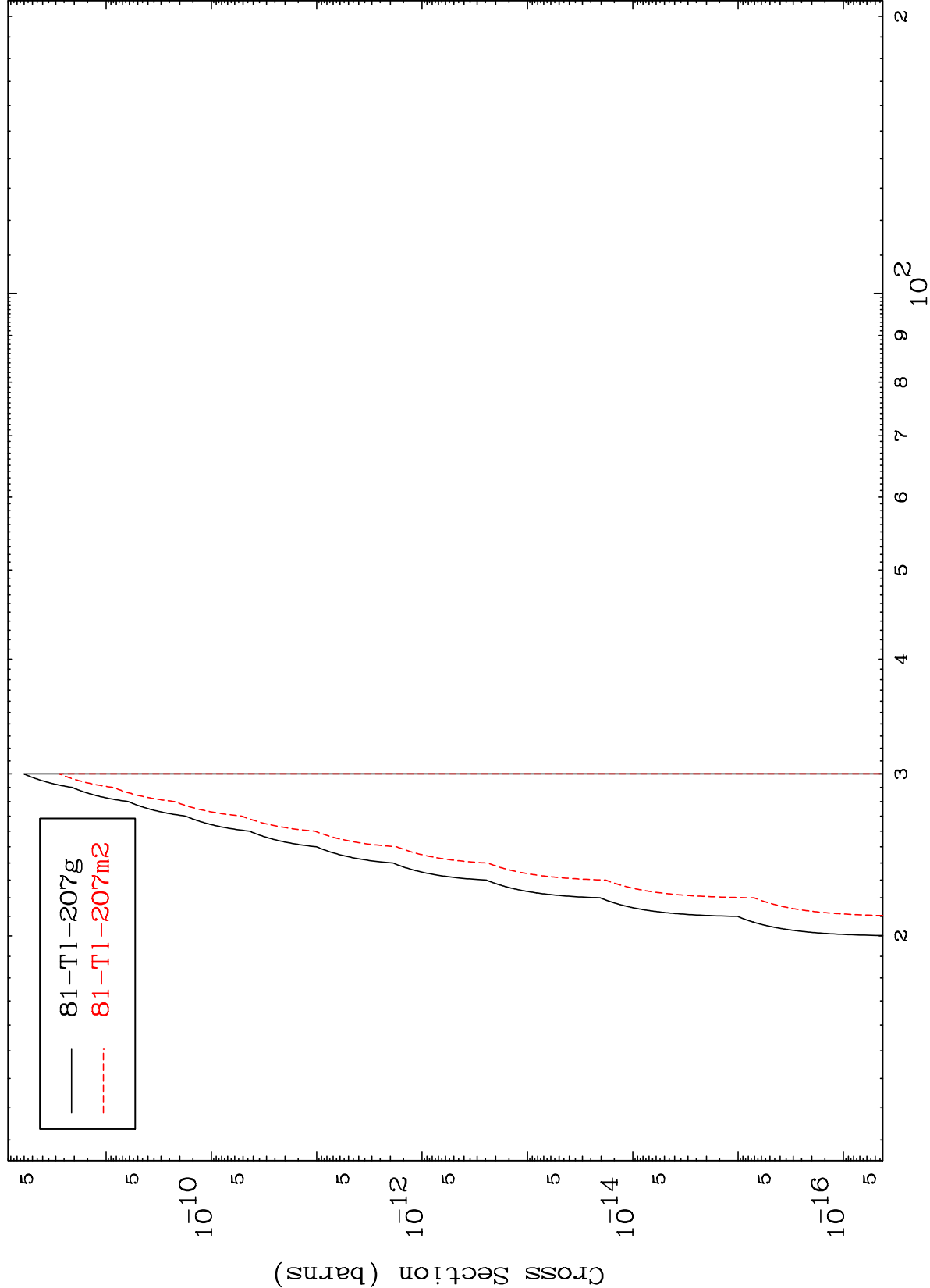


Radionuclide Production Cross Section





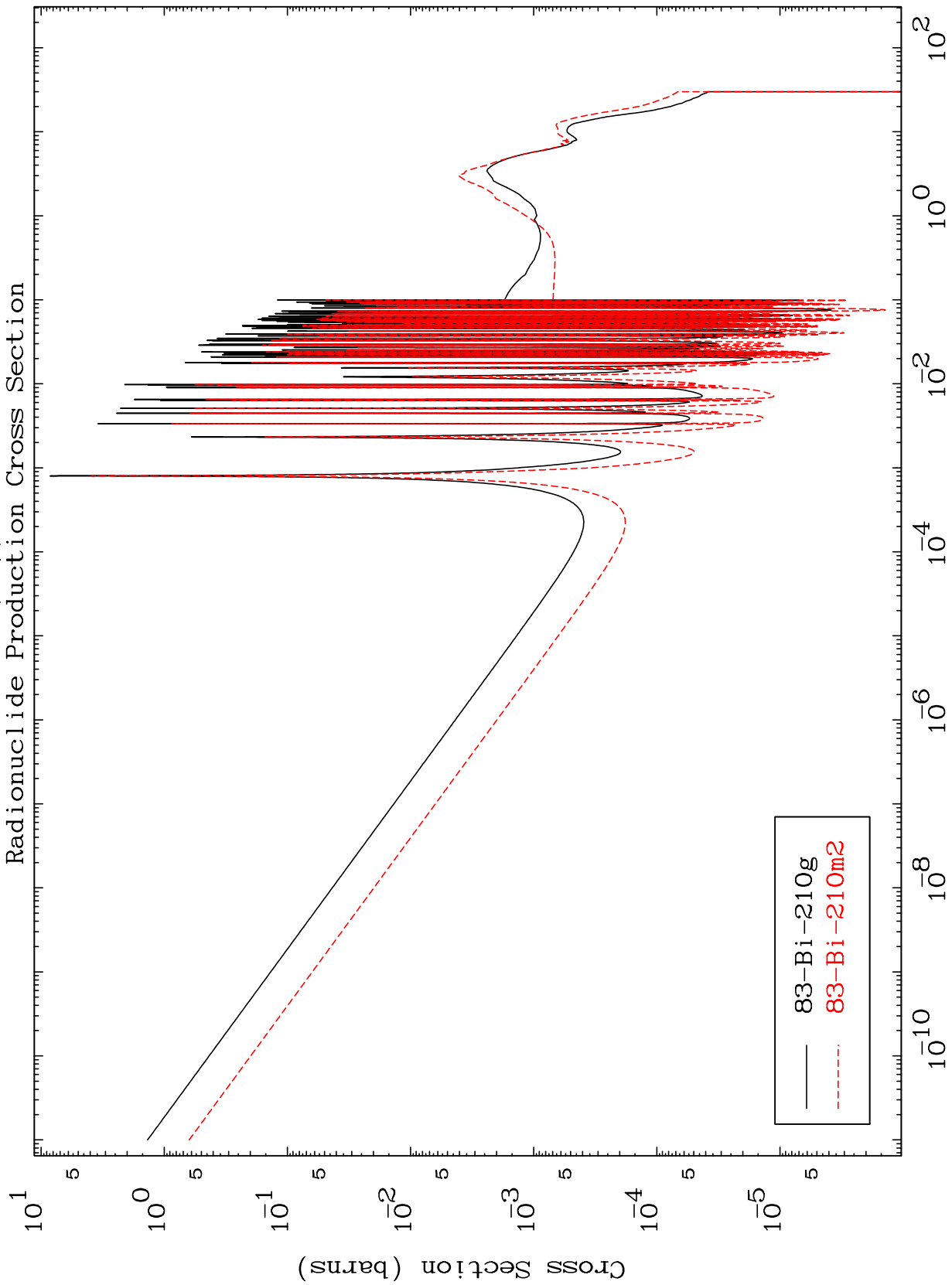
(n,2n) p
Radionuclide Production Cross Section



MAT 8325

83-Bi-209

Radionuclide Production Cross Section
(n, γ)



83-Bi-209

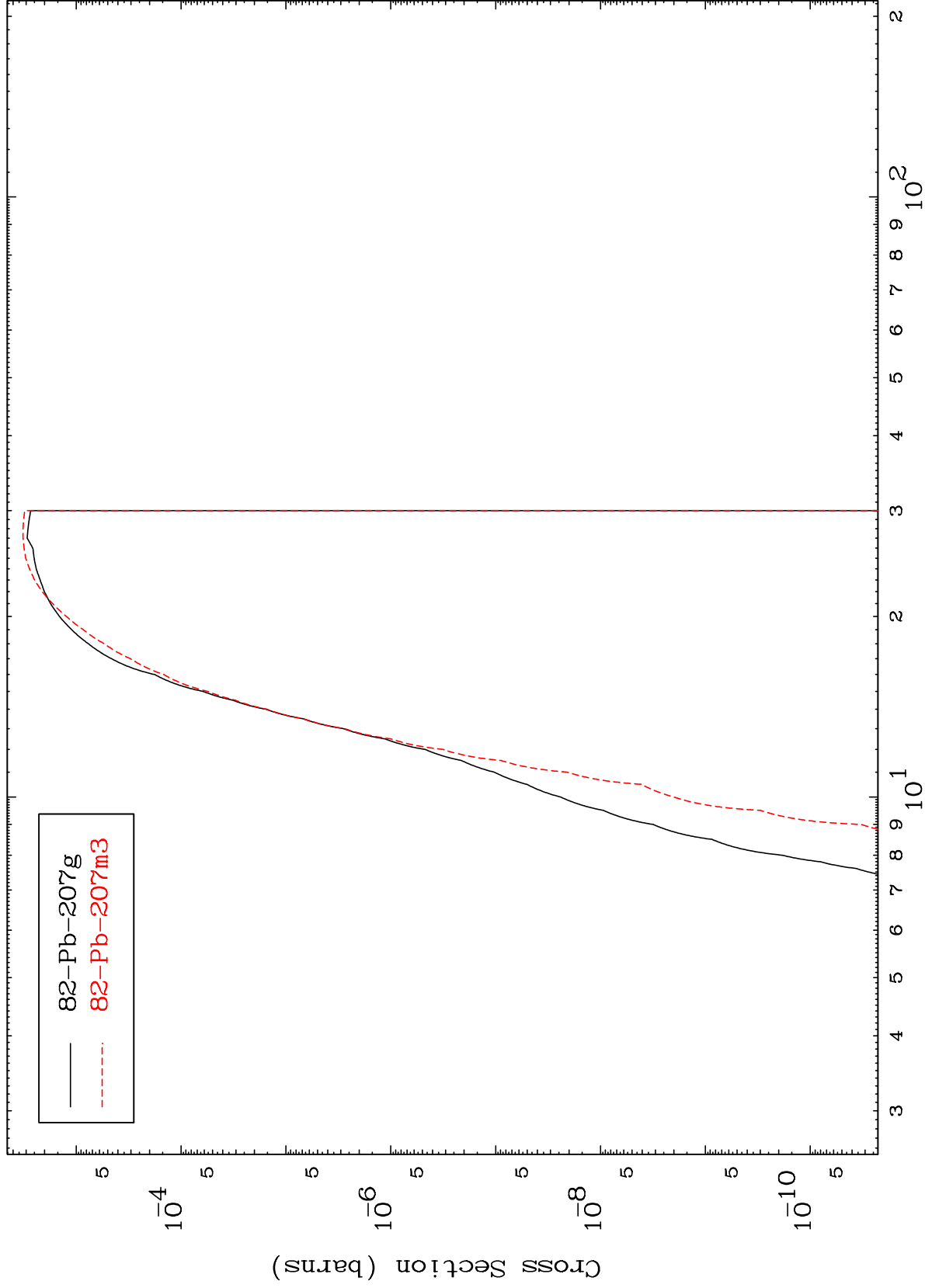
Incident Energy (MeV)

134

MAT 8325

83-Bi-209

(n,t)
Radionuclide Production Cross Section



135

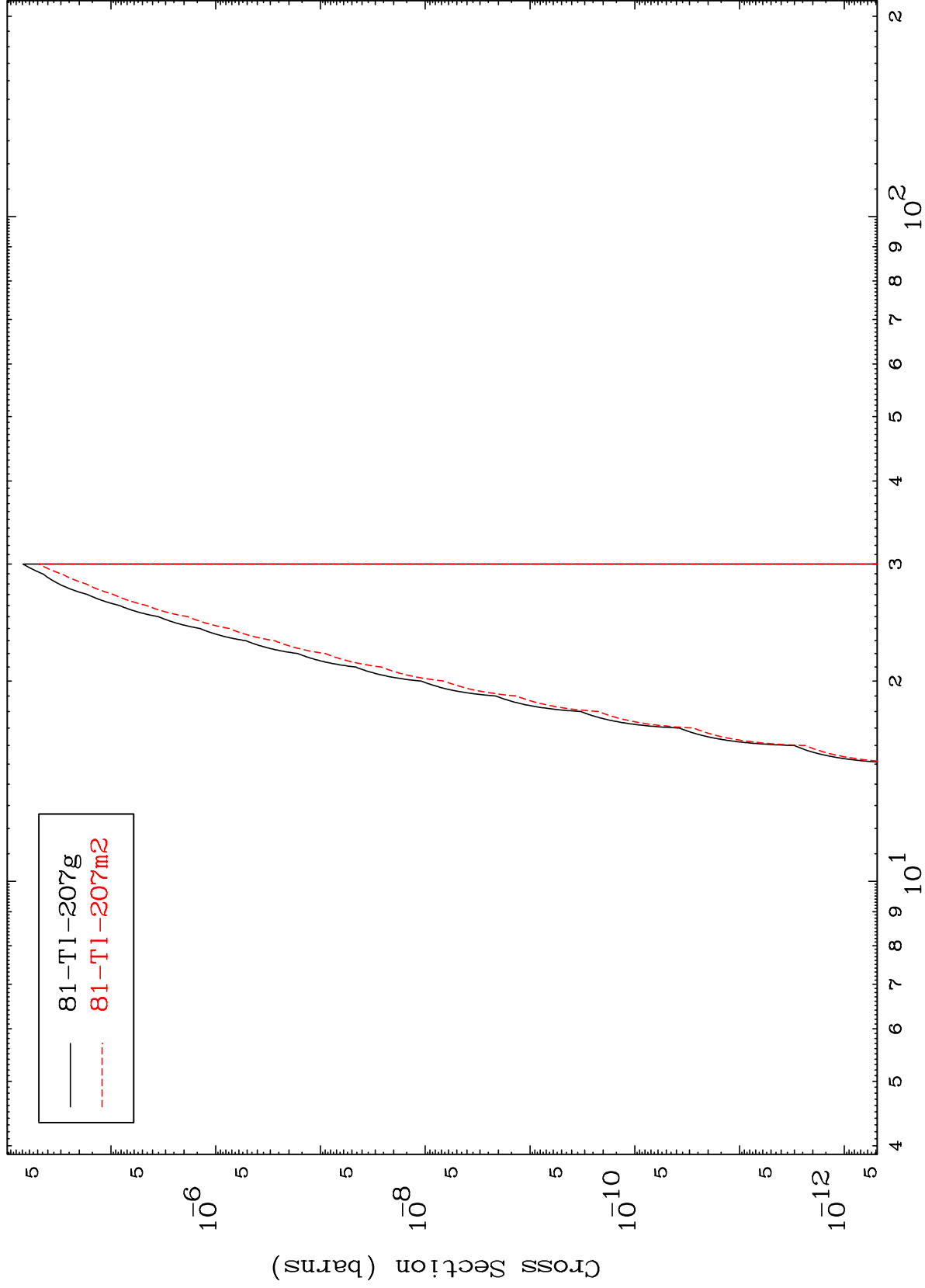
Incident Energy (MeV)

83-Bi-209

MAT 8325

83-Bi-209

Radionuclide Production Cross Section



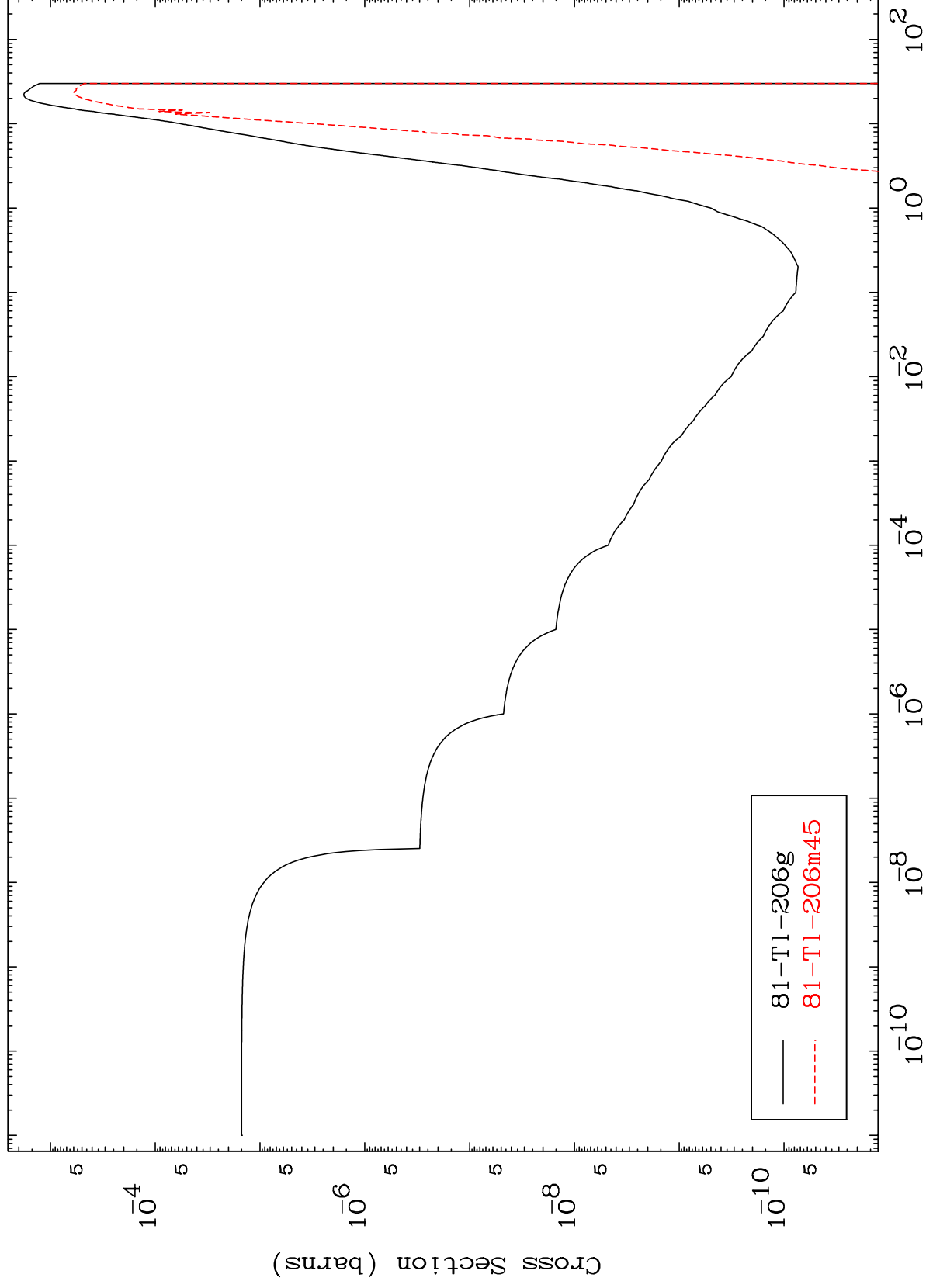
136

83-Bi-209

MAT 8325

83-Bi-209

Radionuclide Production Cross Section
(n, α)



137

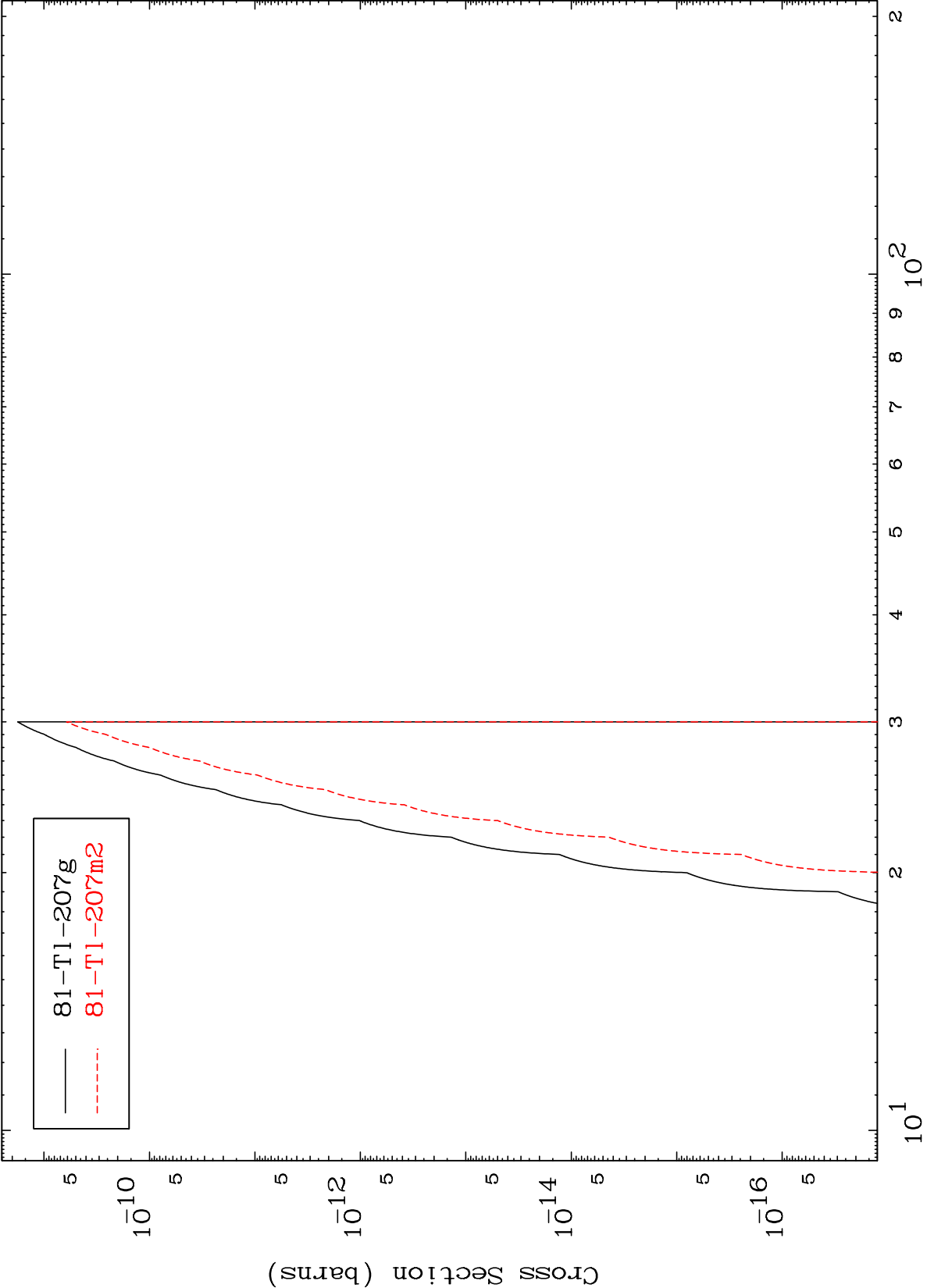
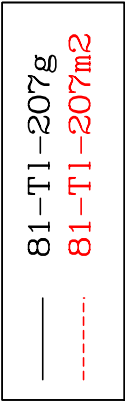
83-Bi-209

MAT 8325

(n,p) d

83-Bi-209

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-209

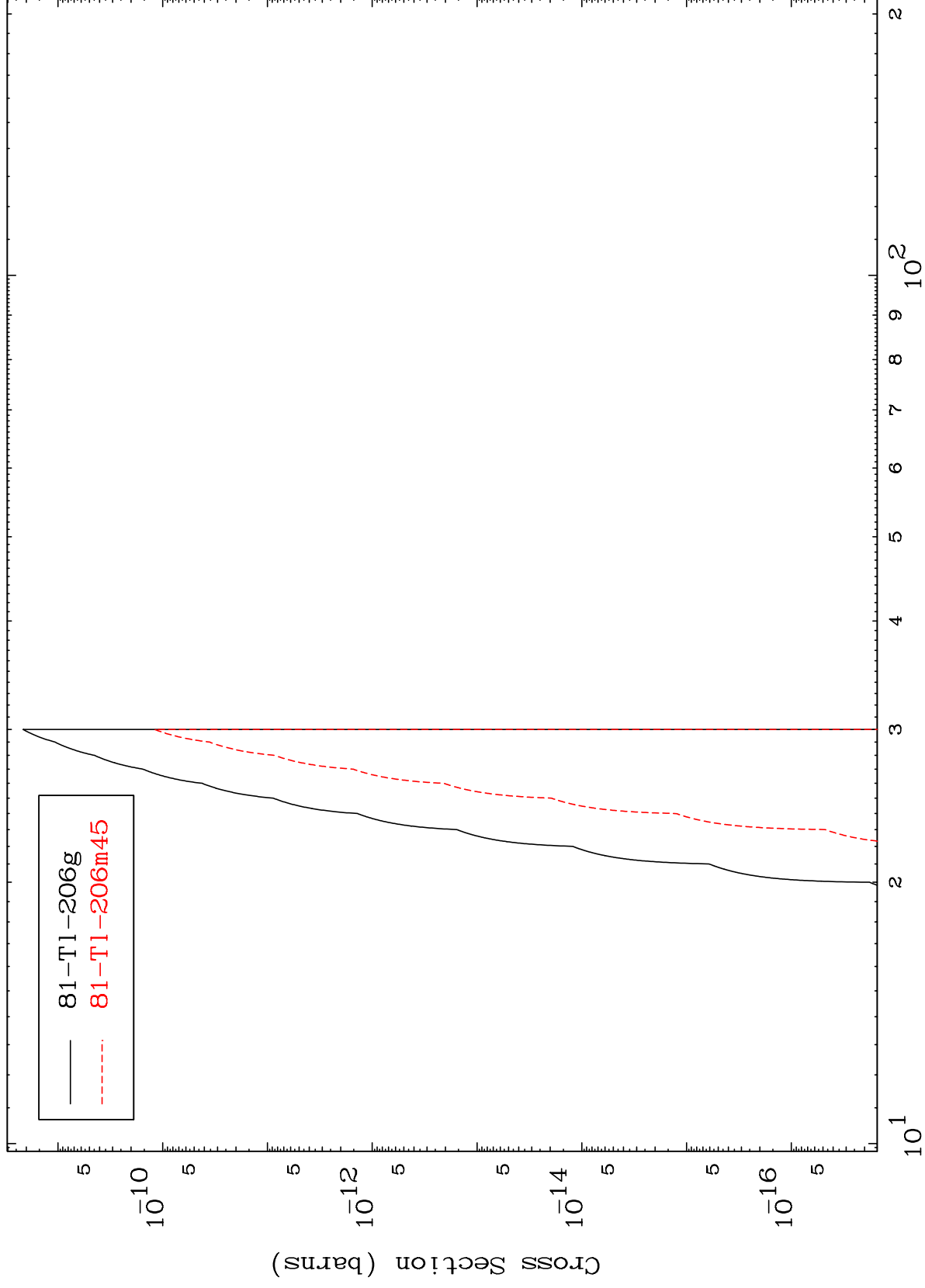
138

MAT 8325

(n,p) t

83-Bi-209

Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-209

139