

Program EVALPLOT  
(Version 2015-2)

by

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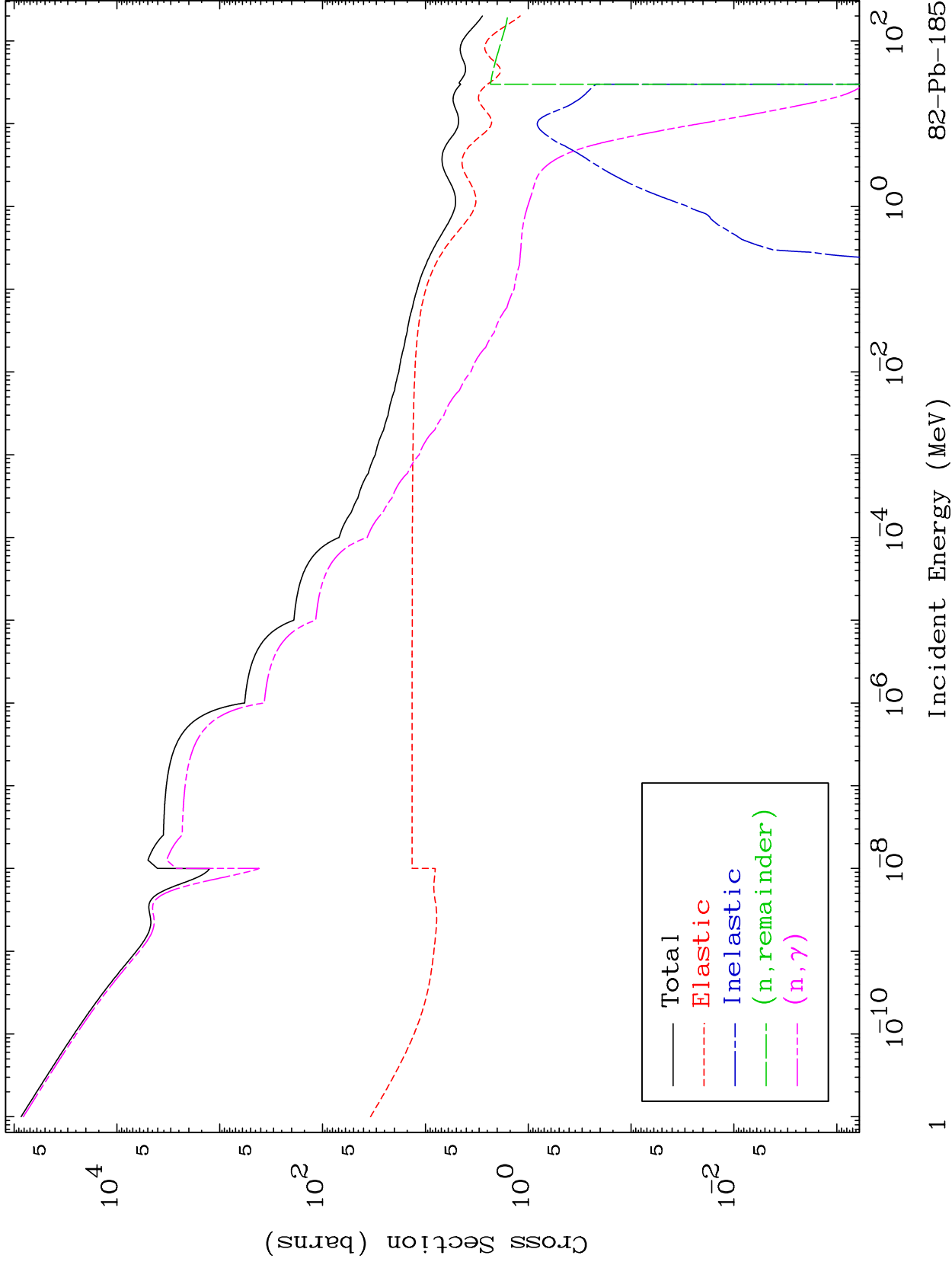
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8168

Major  
293 Kelvin Cross Sections

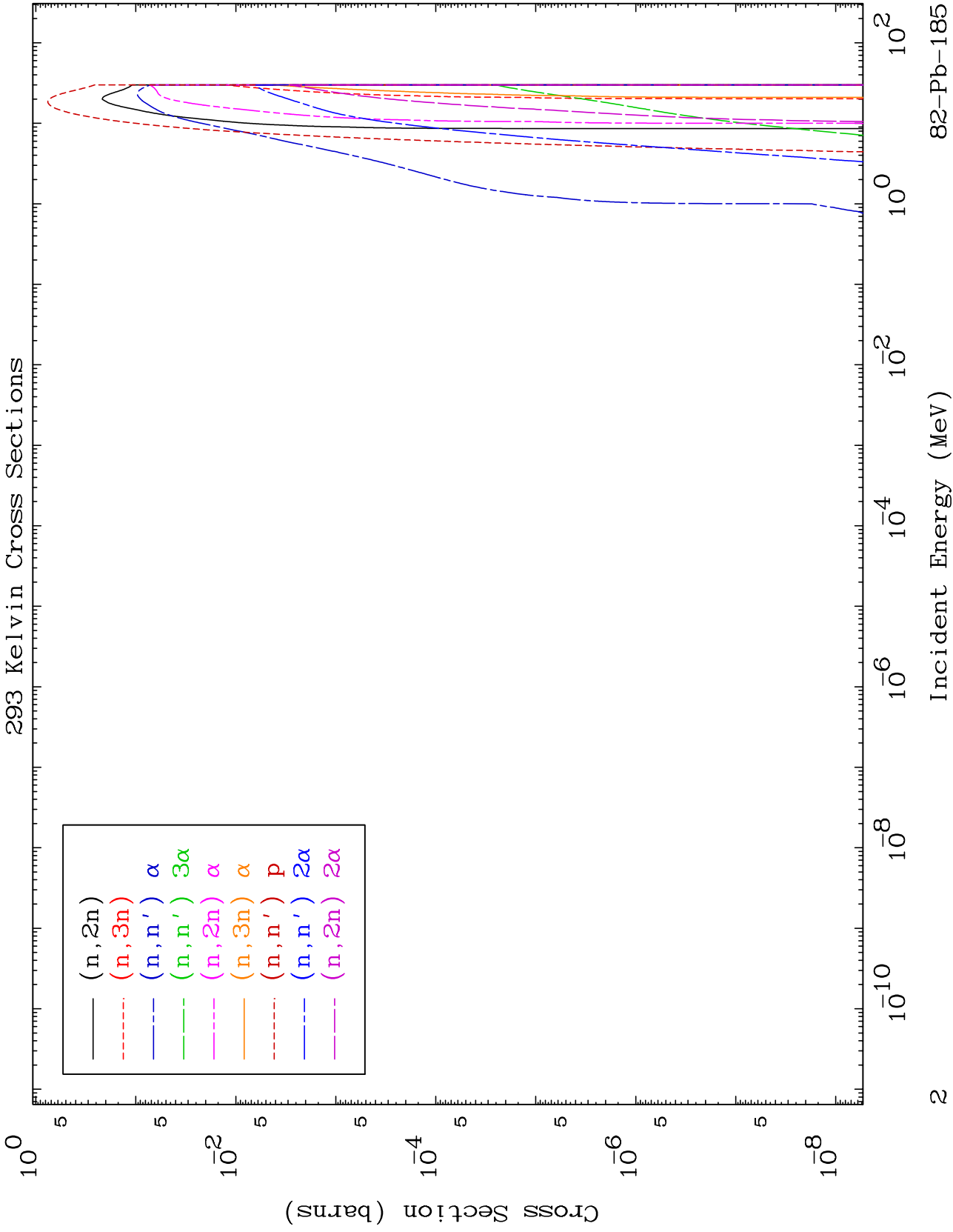
82-Pb-185



MAT 8168

Neutron Production  
293 Kelvin Cross Sections

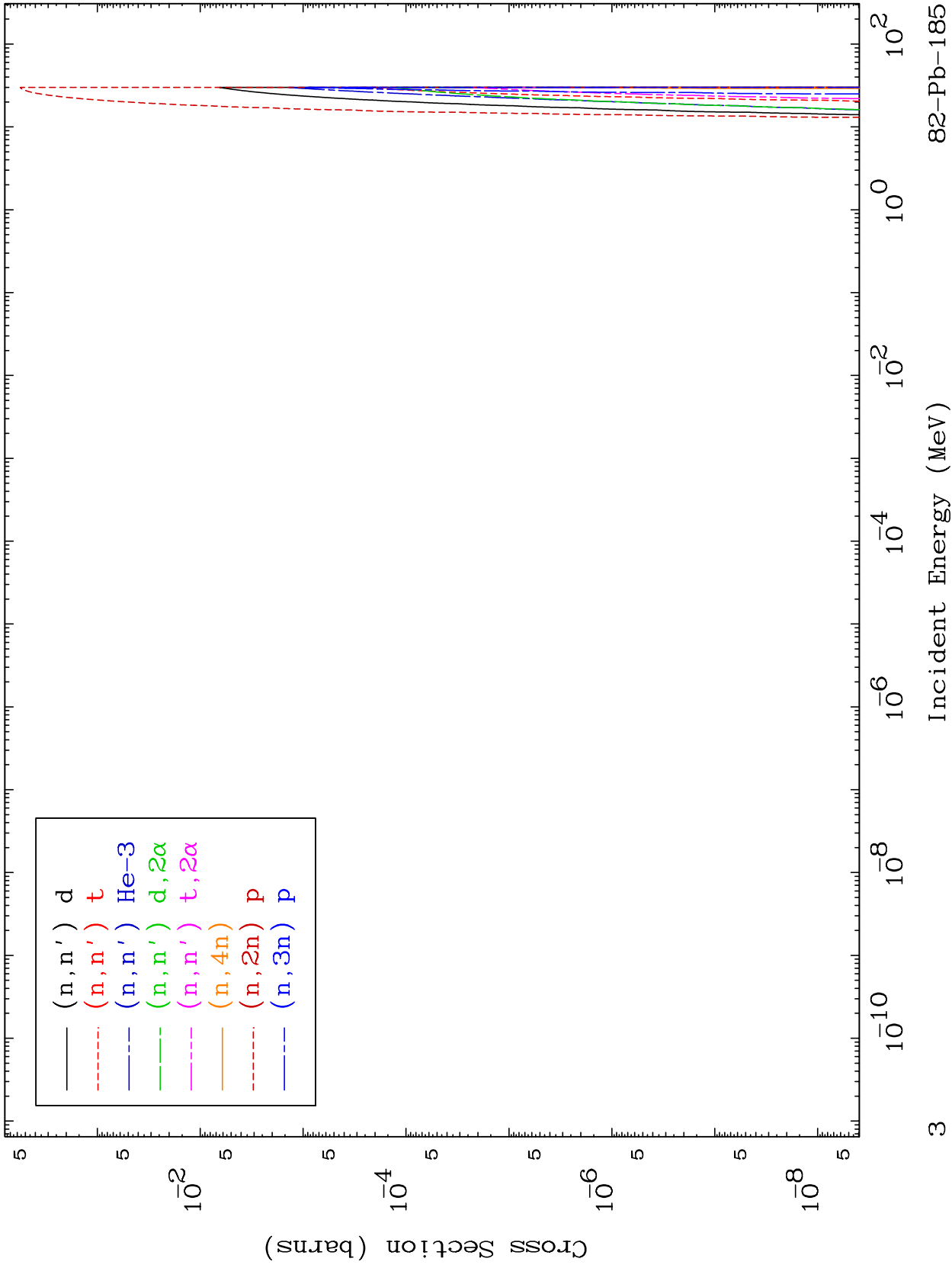
82-Pb-185



MAT 8168

Neutron Production  
293 Kelvin Cross Sections

82-Pb-185

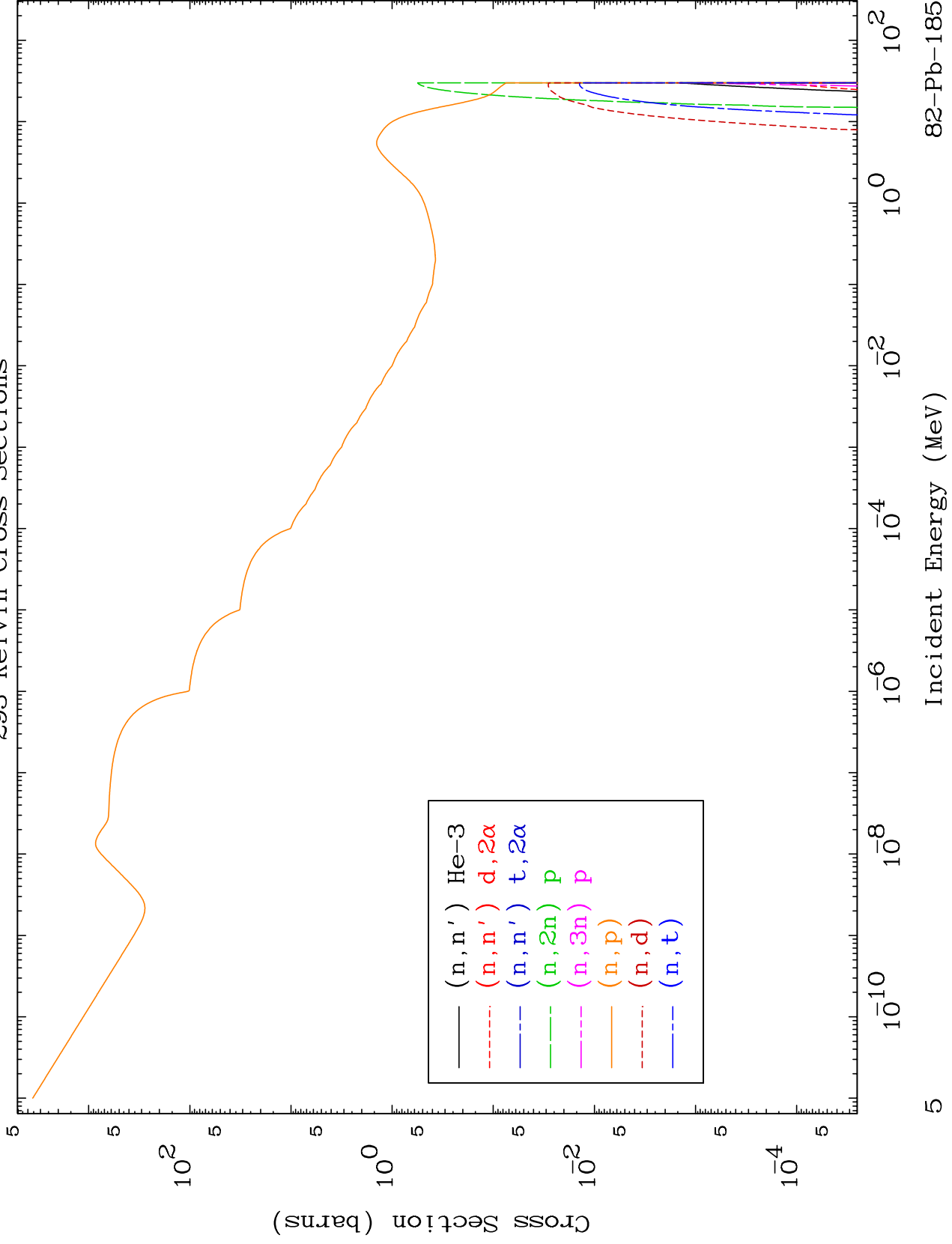


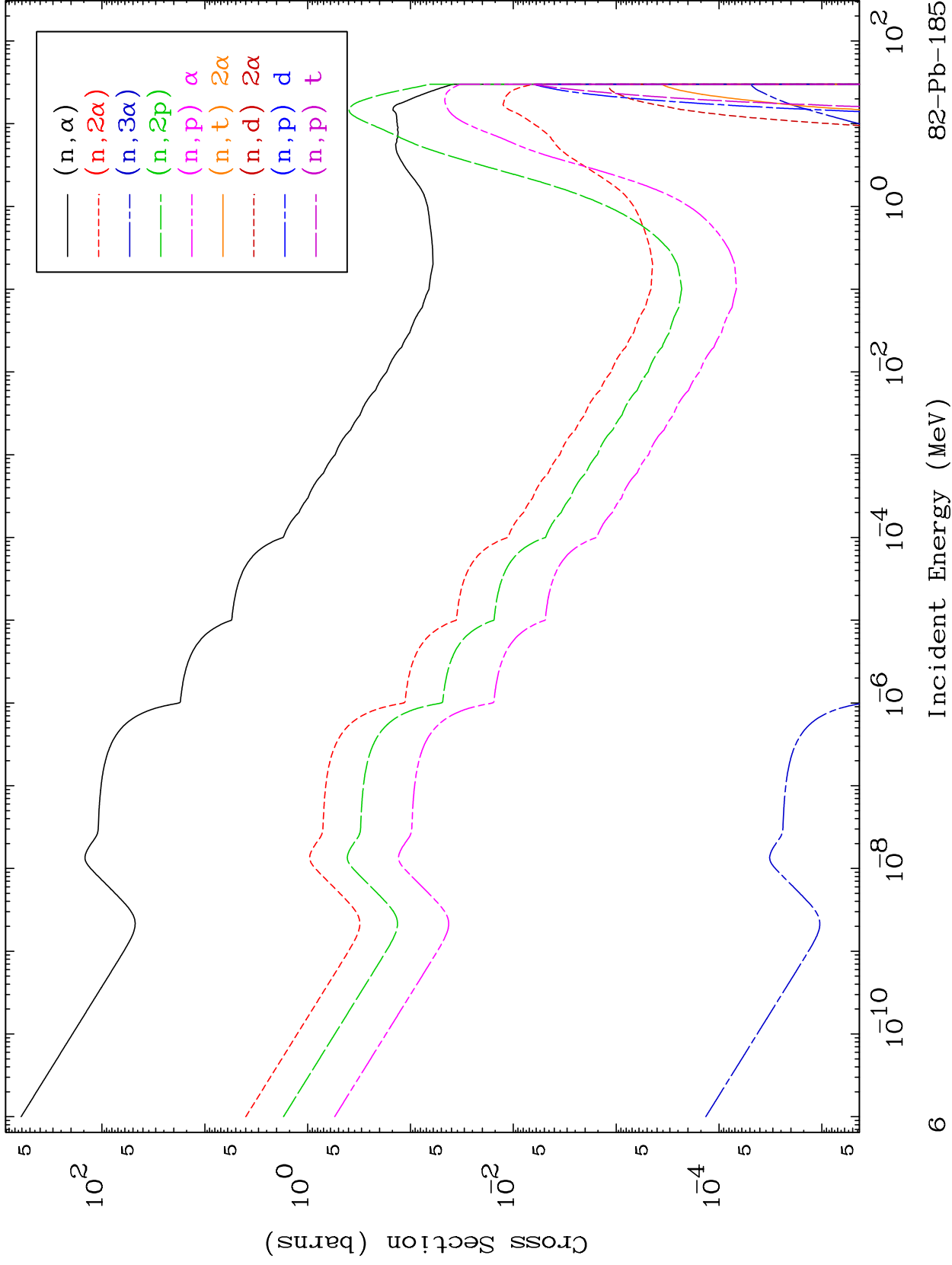


MAT 8168

Charged Particle  
293 Kelvin Cross Sections

82-Pb-185

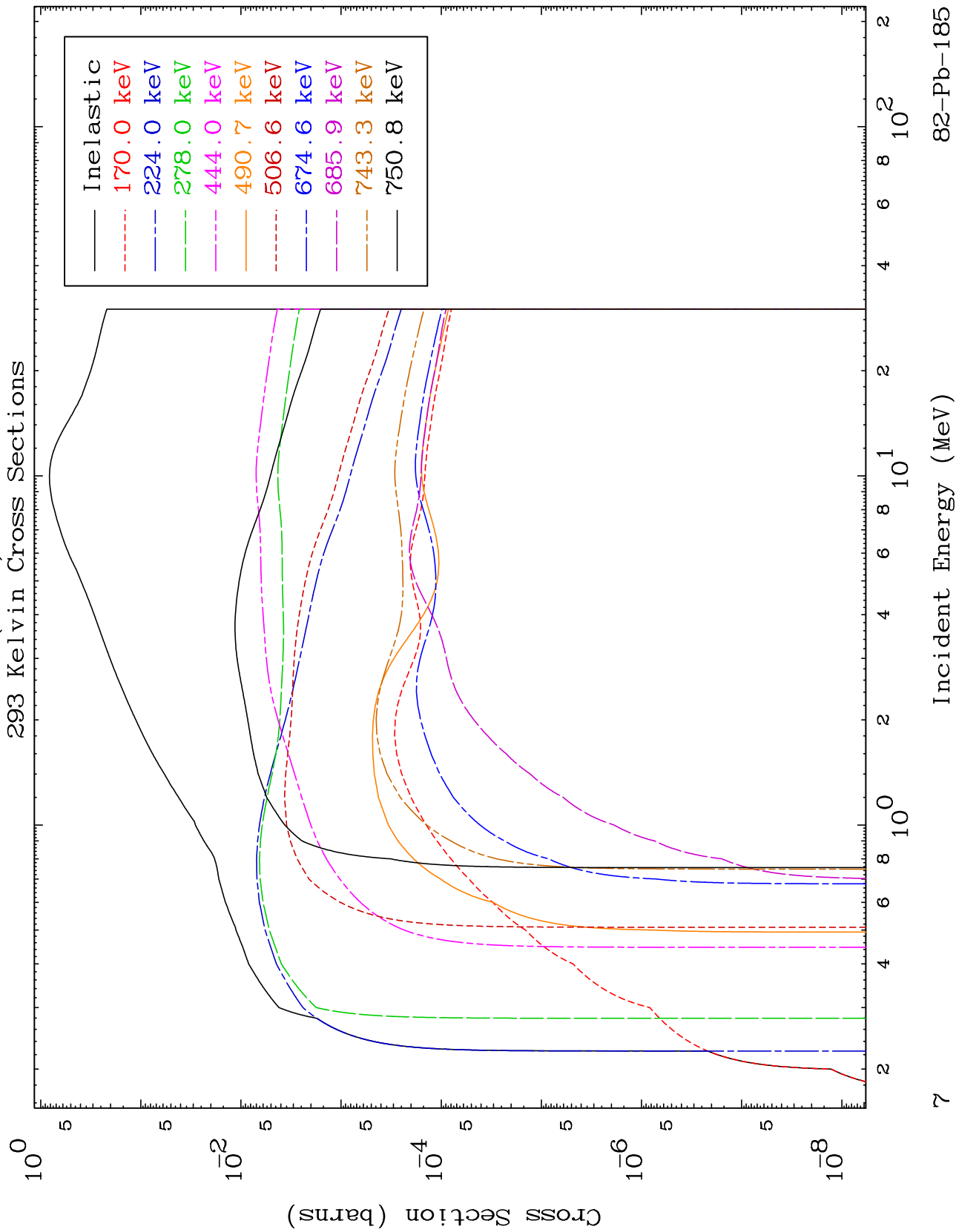




MAT 8168

(n,n') Level

82-Pb-185

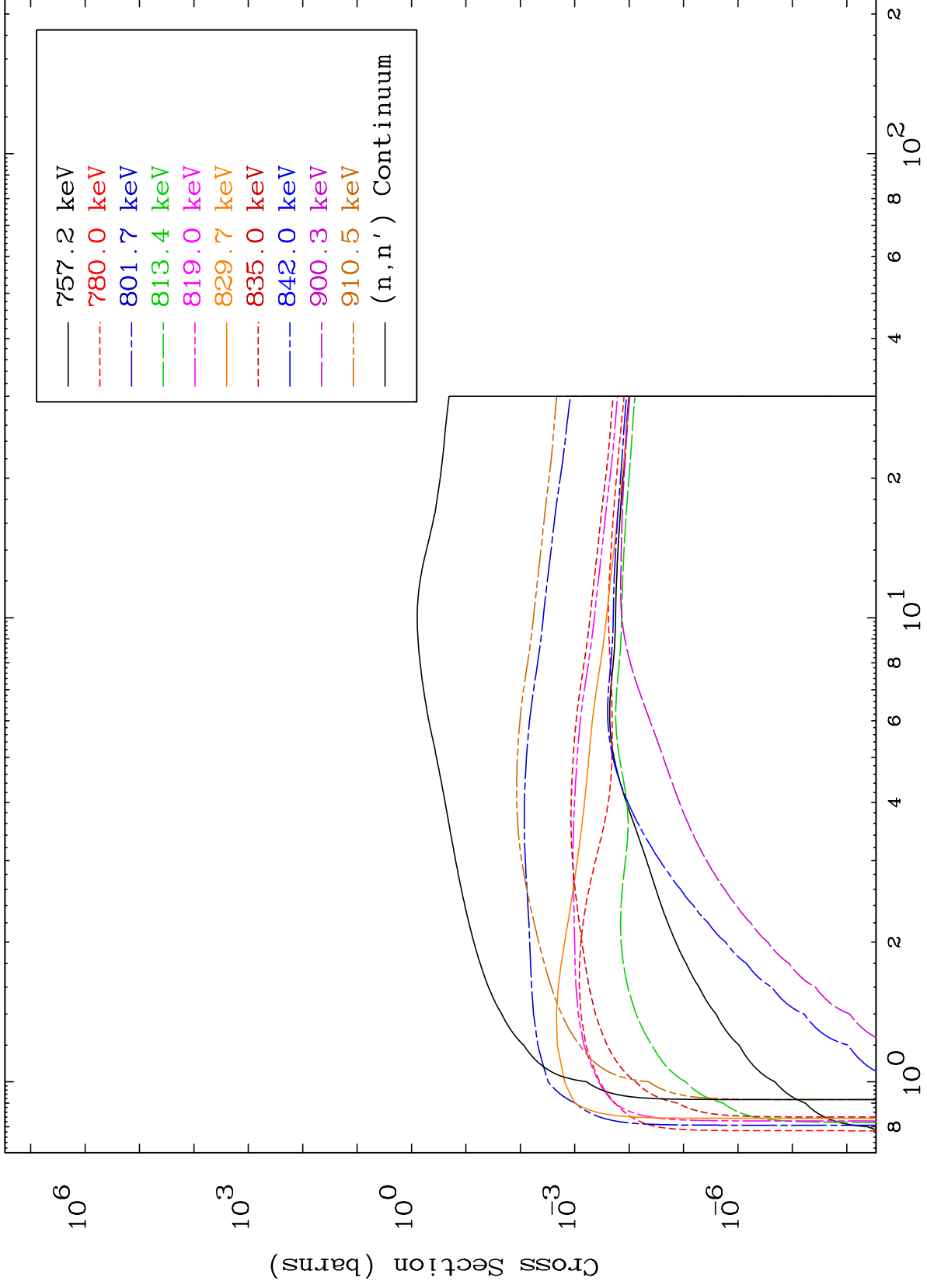




MAT 8168

(n,n') Level  
293 Kelvin Cross Sections

82-Pb-185



8

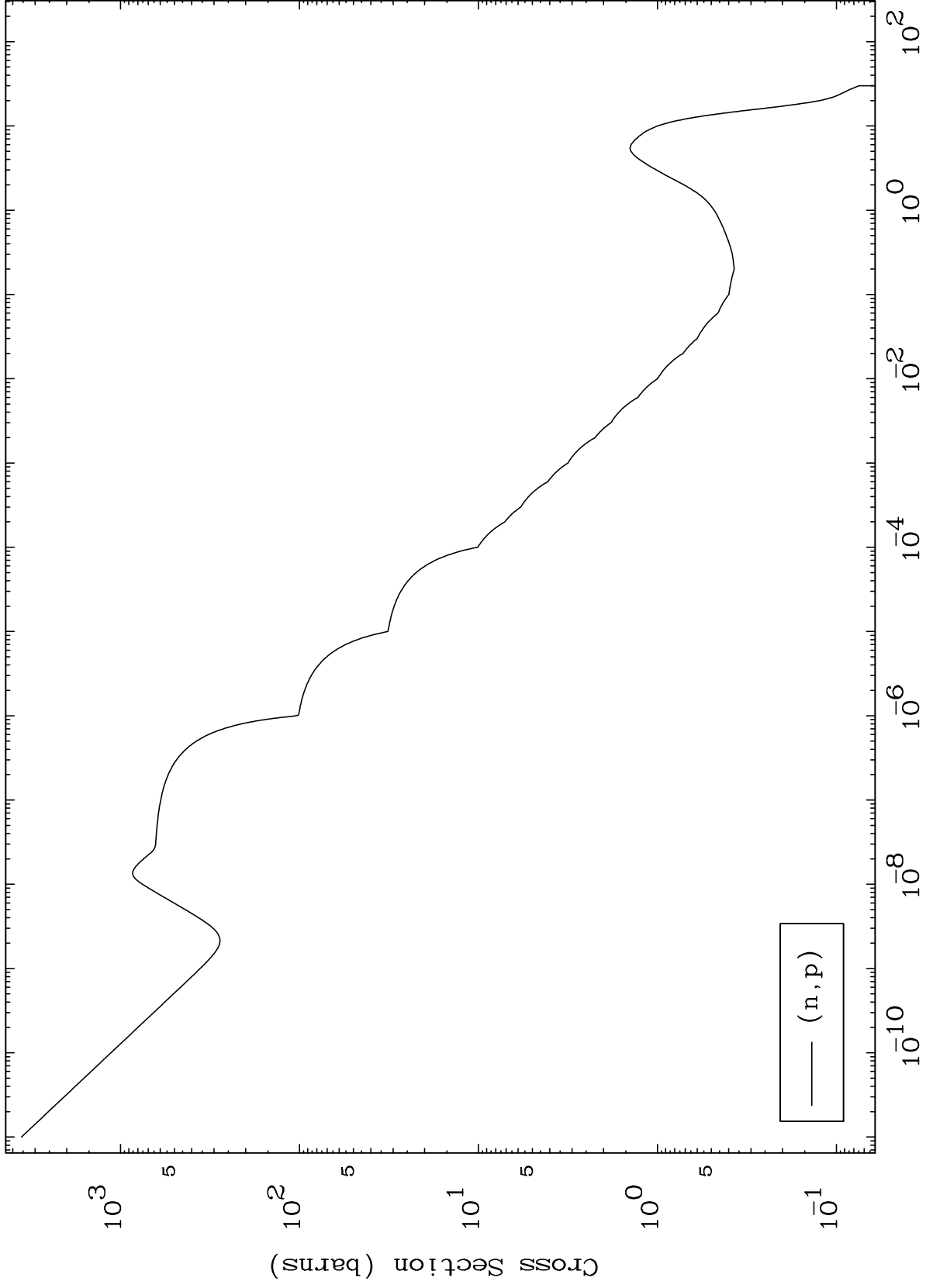
Incident Energy (MeV)

82-Pb-185

MAT 8168

(n,p) Levels  
293 Kelvin Cross Sections

82-Pb-185

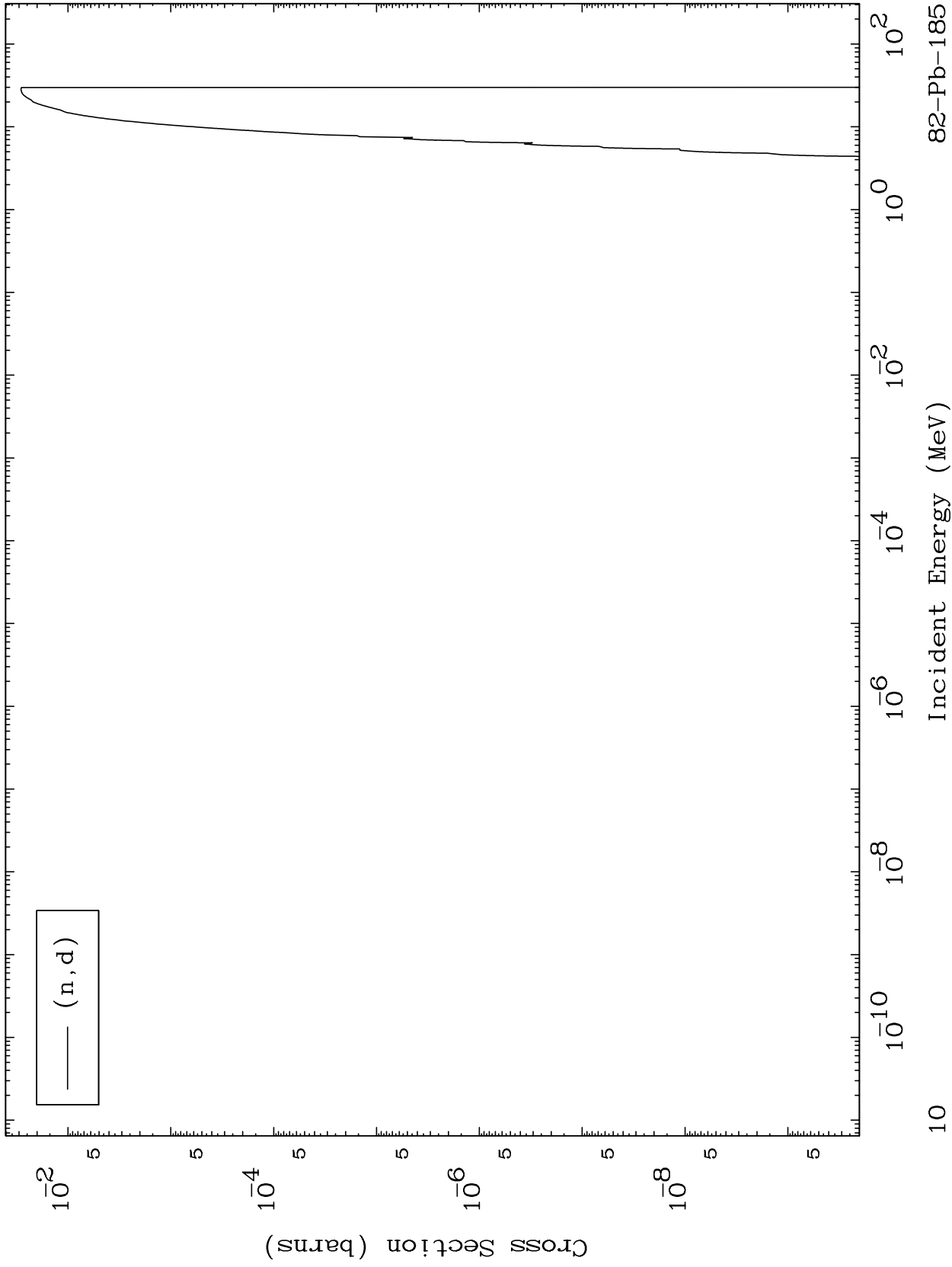


(n,p)

MAT 8168

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-185



10

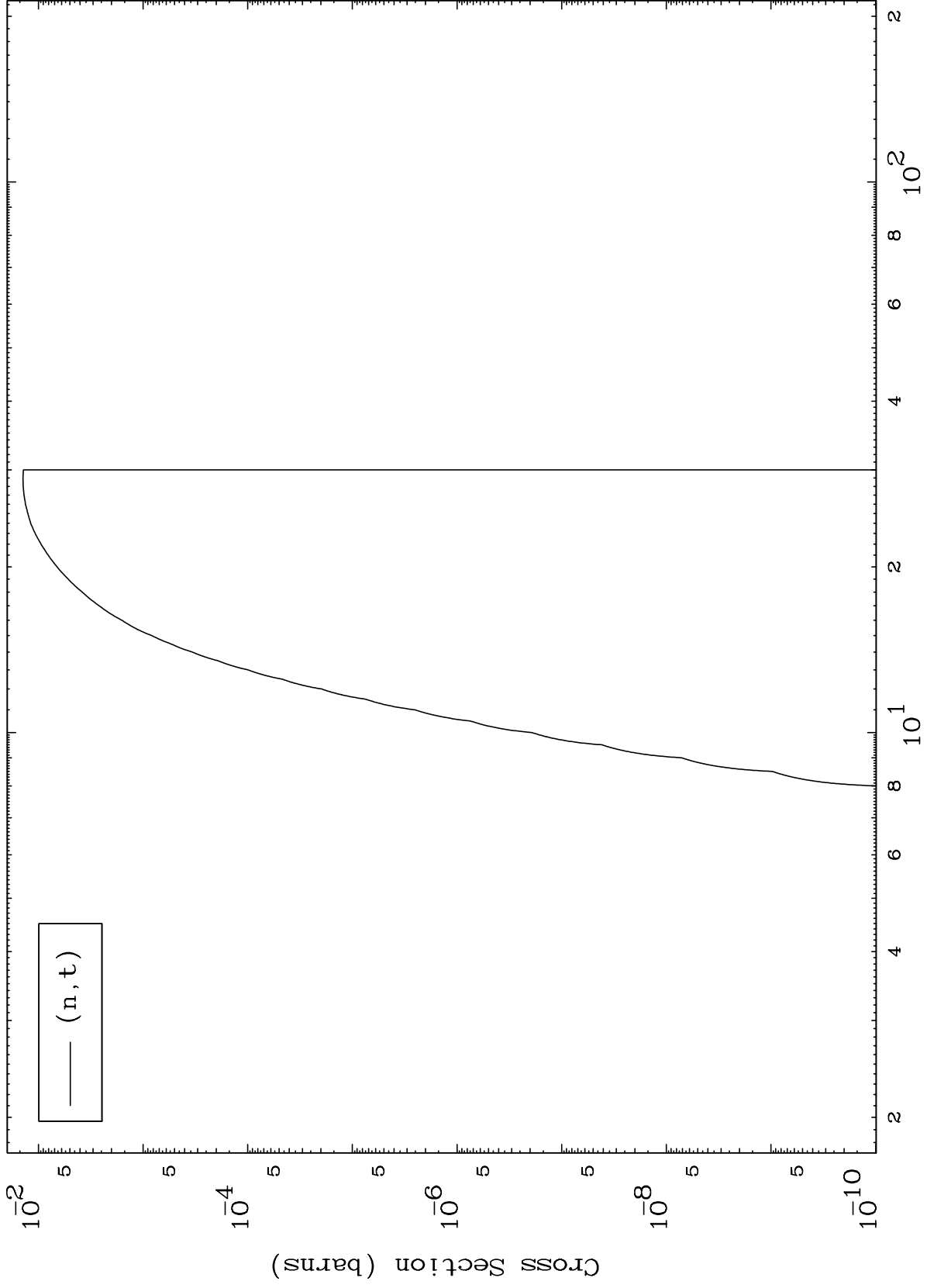
Incident Energy (MeV)

82-Pb-185

MAT 8168

(n,t) Levels  
293 Kelvin Cross Sections

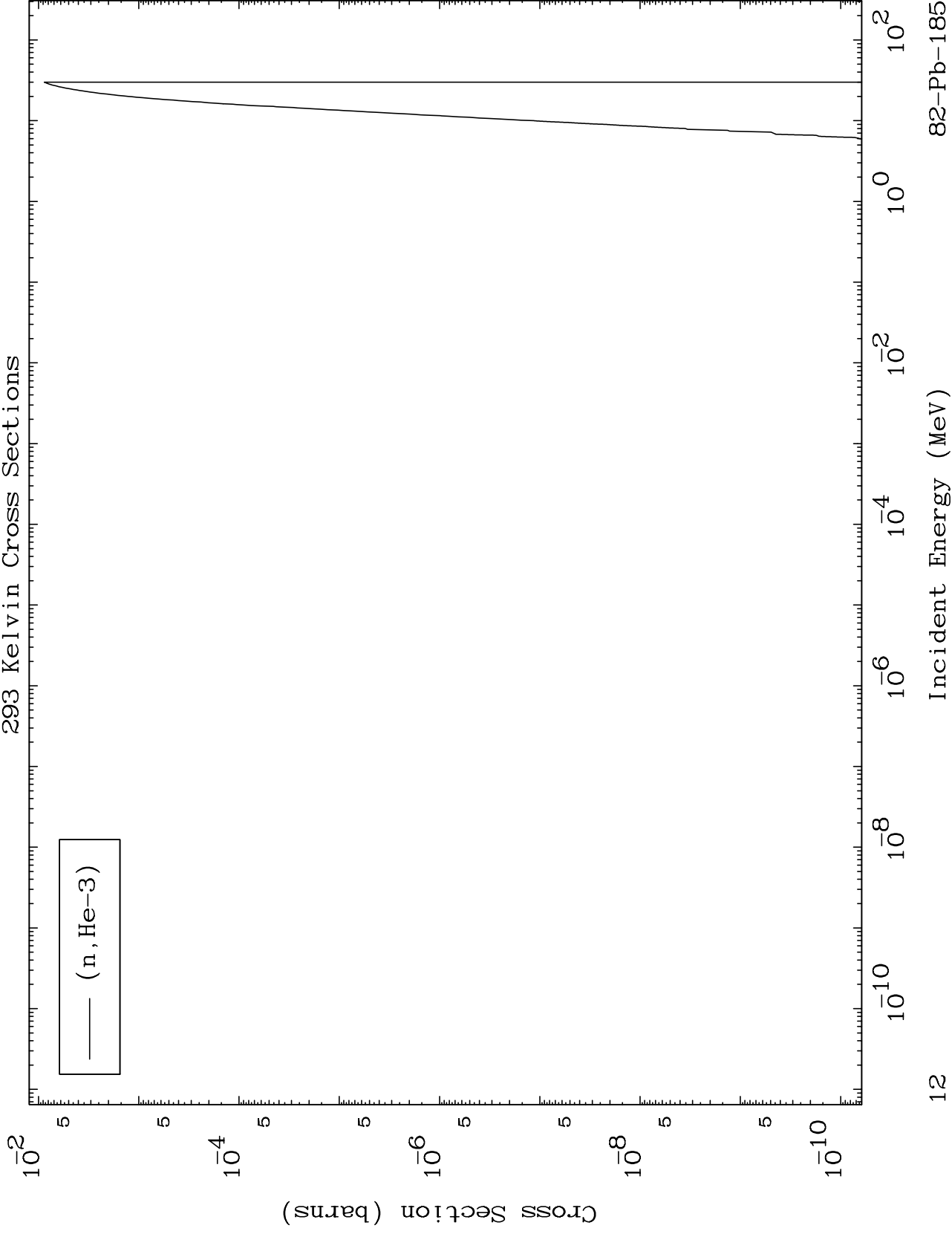
82-Pb-185



MAT 8168

(n,He3) Levels  
293 Kelvin Cross Sections

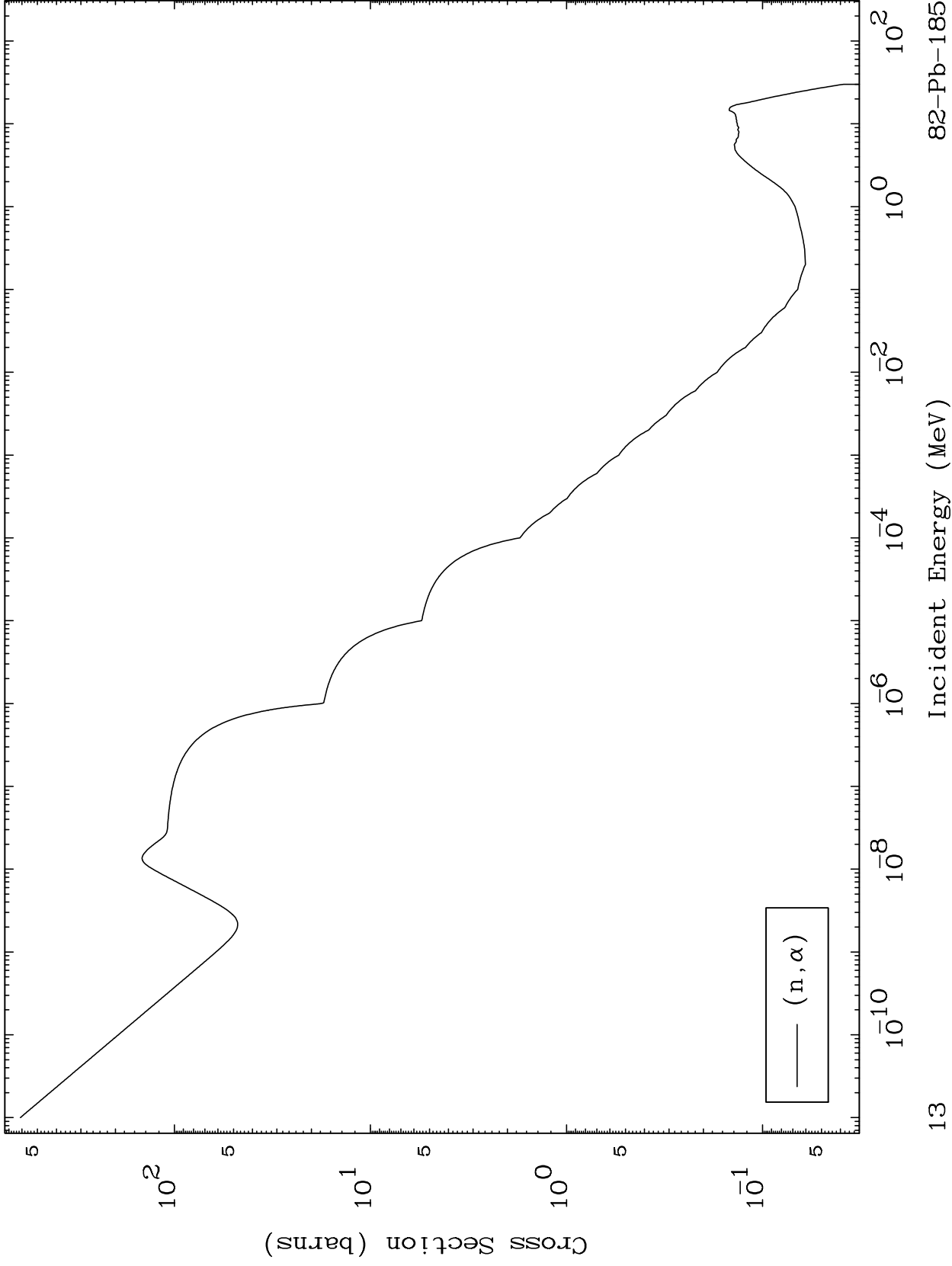
82-Pb-185



MAT 8168

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

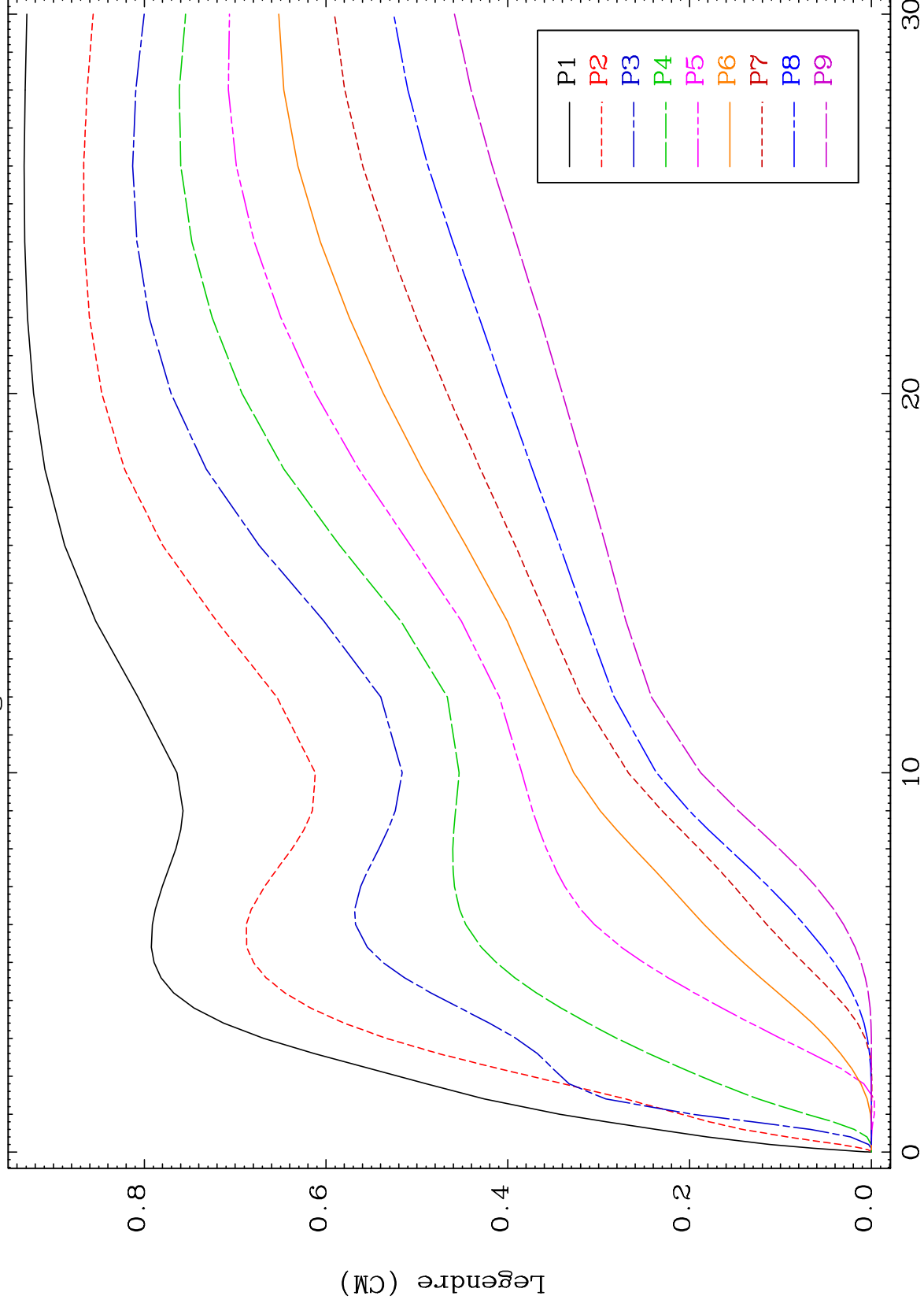
82-Pb-185



MAT 8168

Elastic Legendre Coefficients

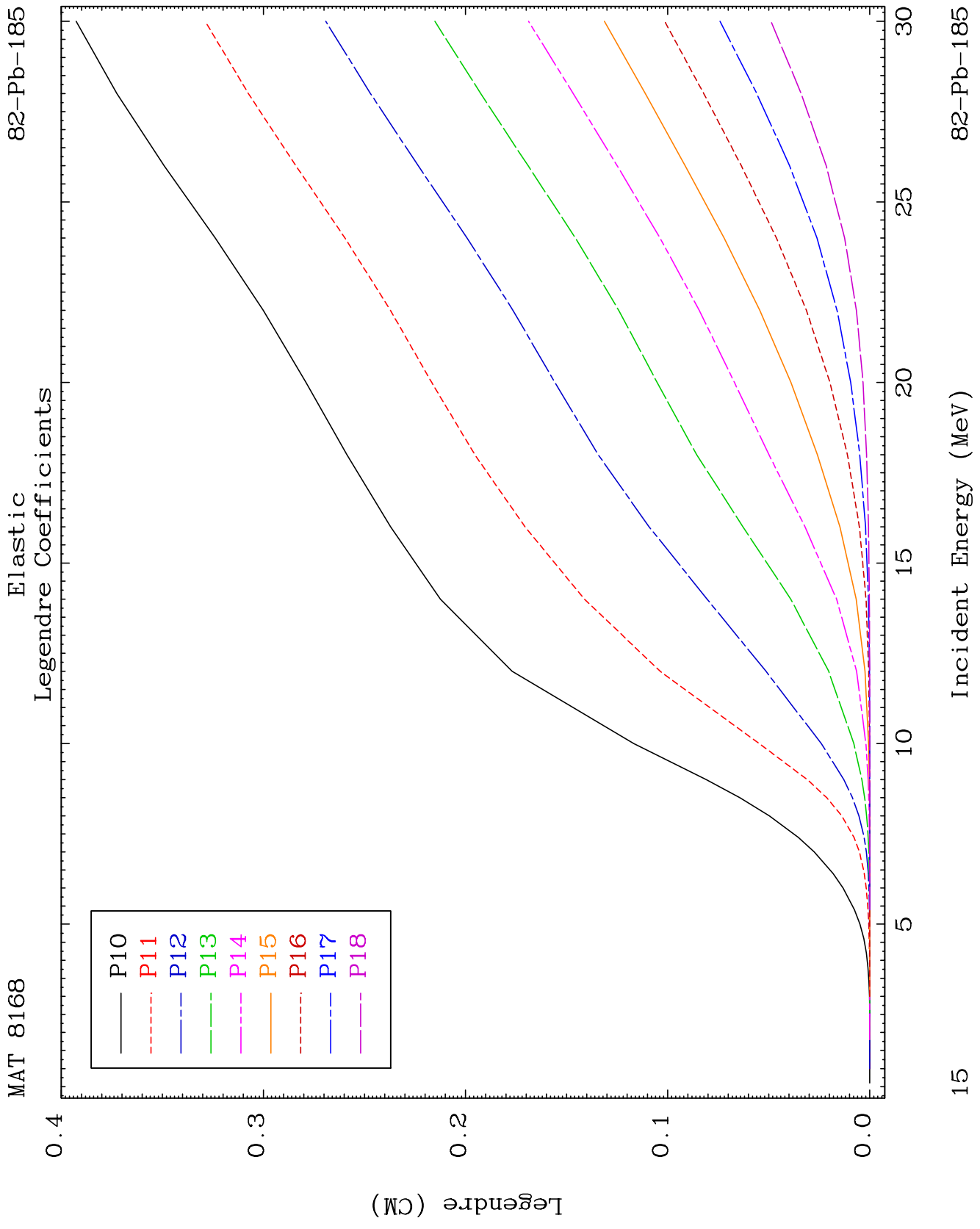
$^{82}\text{Pb-185}$



14

Incident Energy (MeV)

$^{82}\text{Pb-185}$

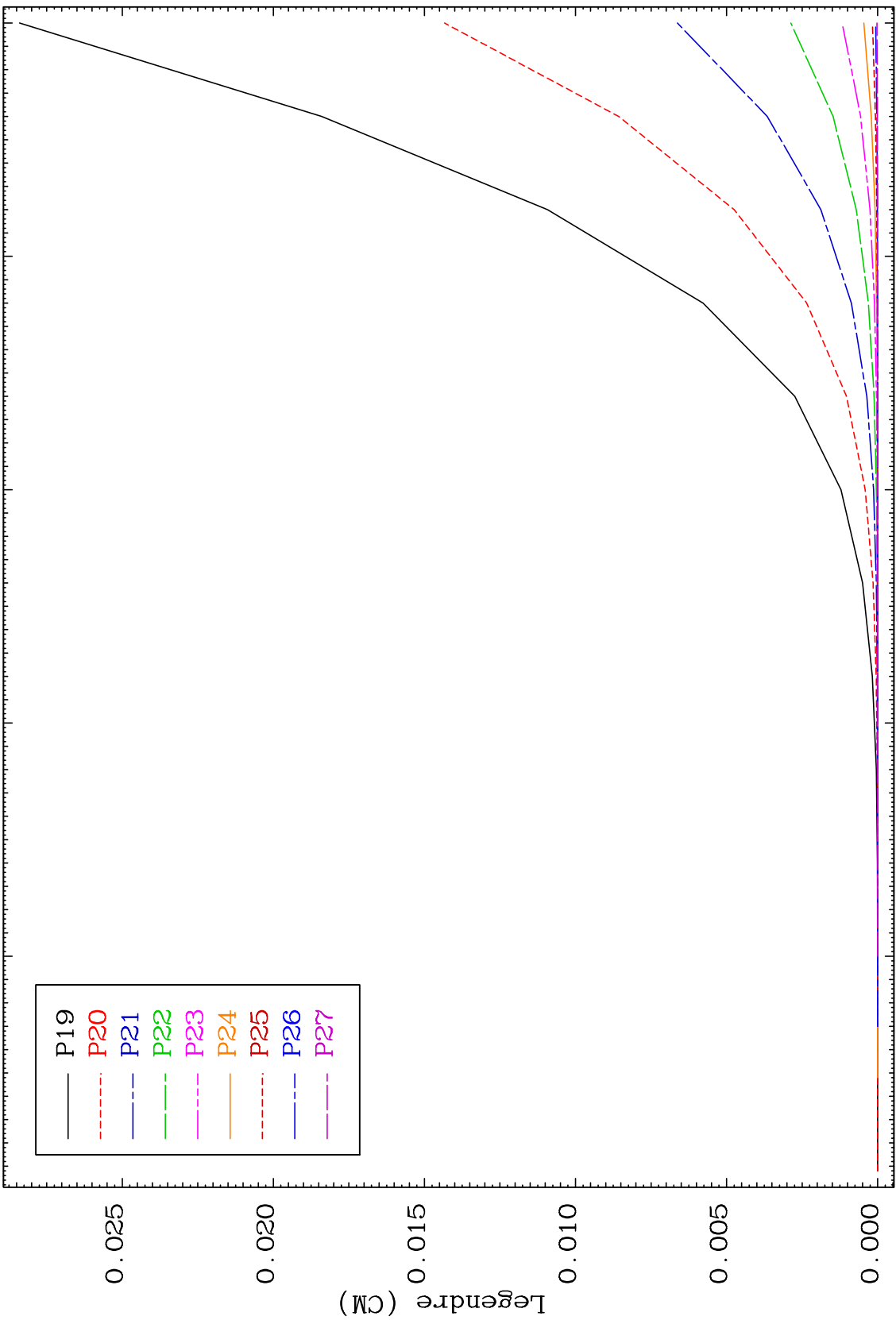




MAT 8168

### Elastic Legendre Coefficients

82-Pb-185



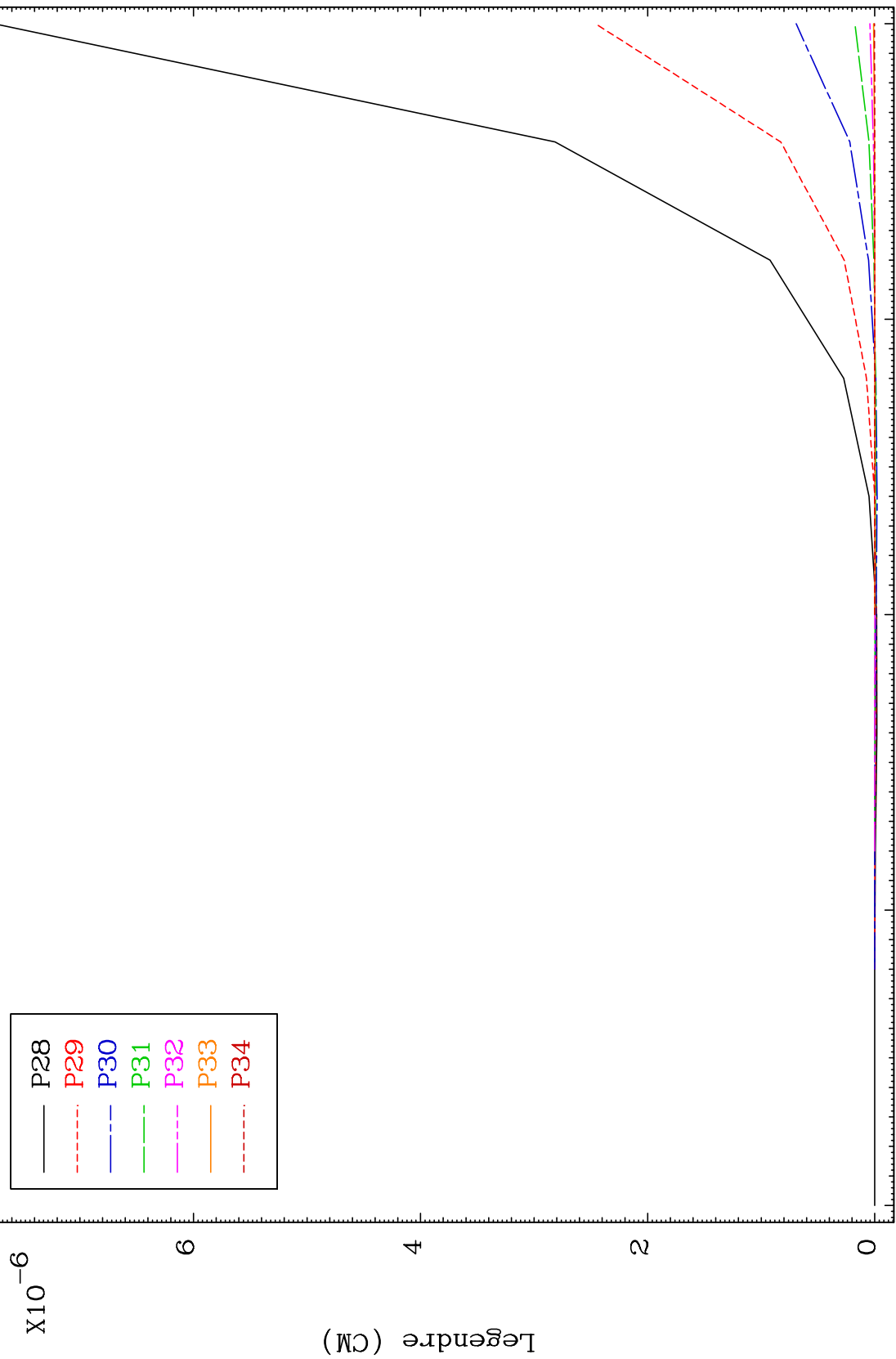
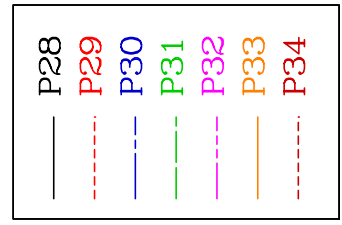
82-Pb-185

Incident Energy (MeV)

MAT 8168

Elastic  
Legendre Coefficients

82-Pb-185



82-Pb-185

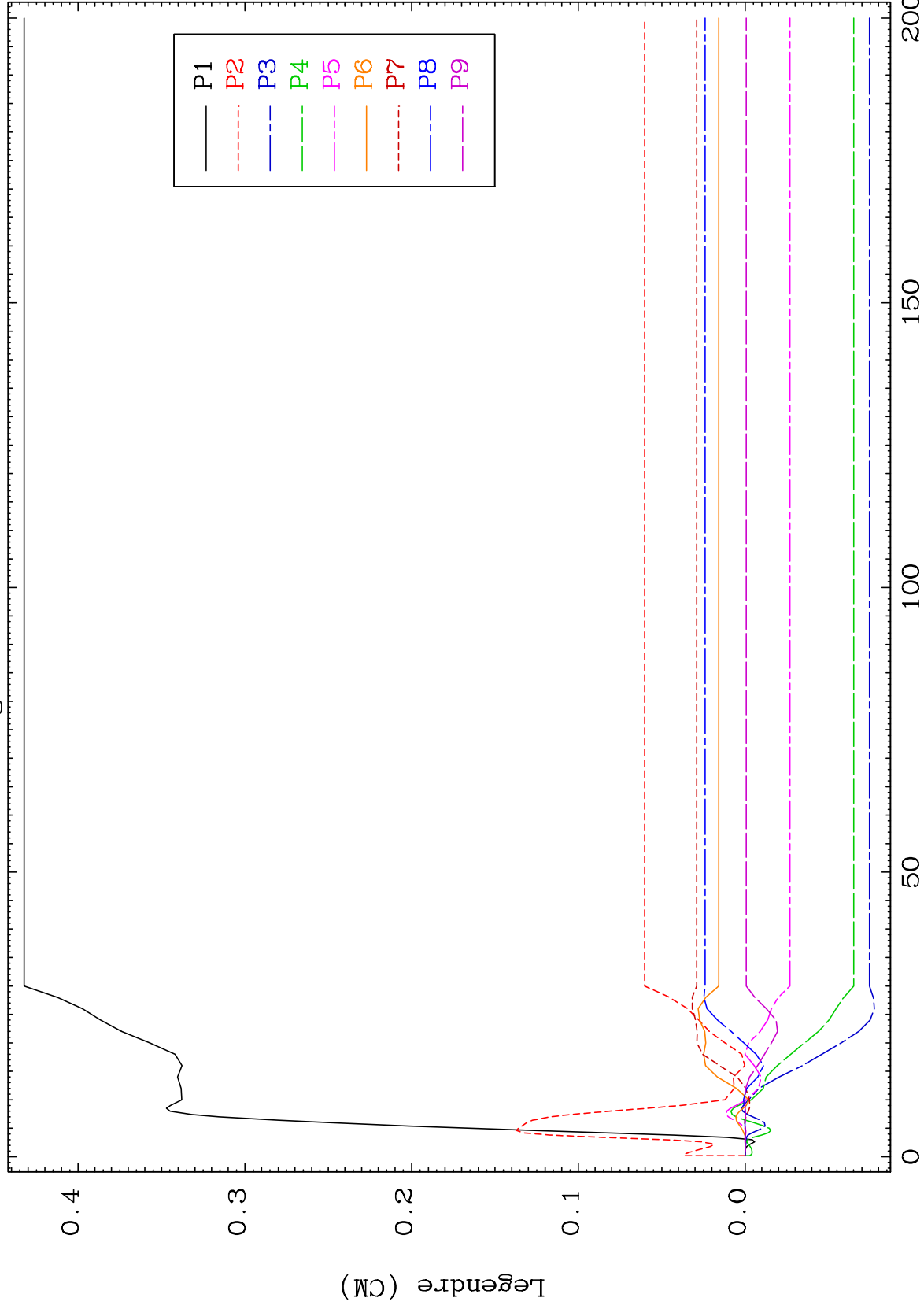
Incident Energy (MeV)

17

MAT 8168

170.0 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



18

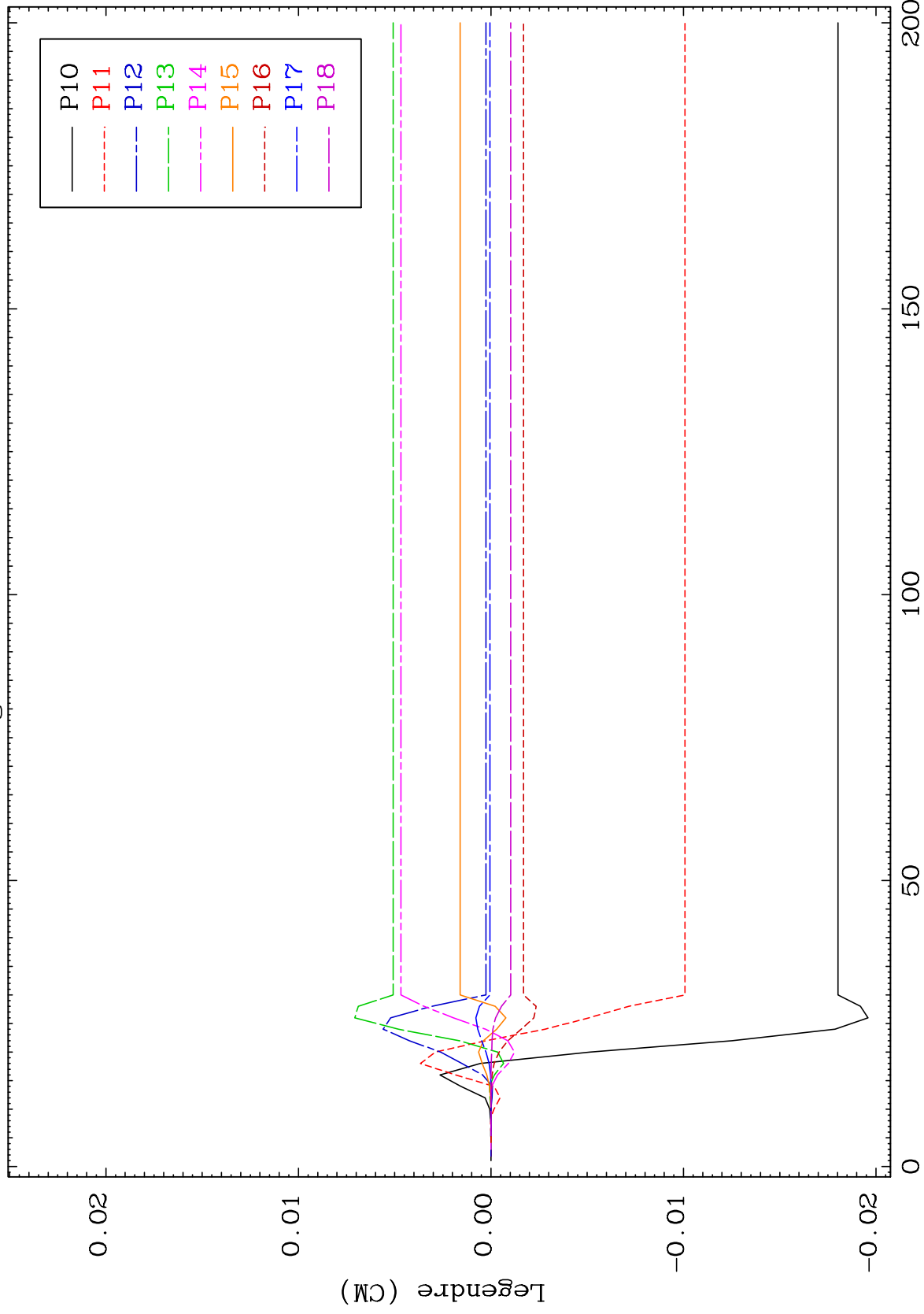
Incident Energy (MeV)

82-Pb-185

MAT 8168

170.0 keV (n,n') Level  
Legendre Coefficients

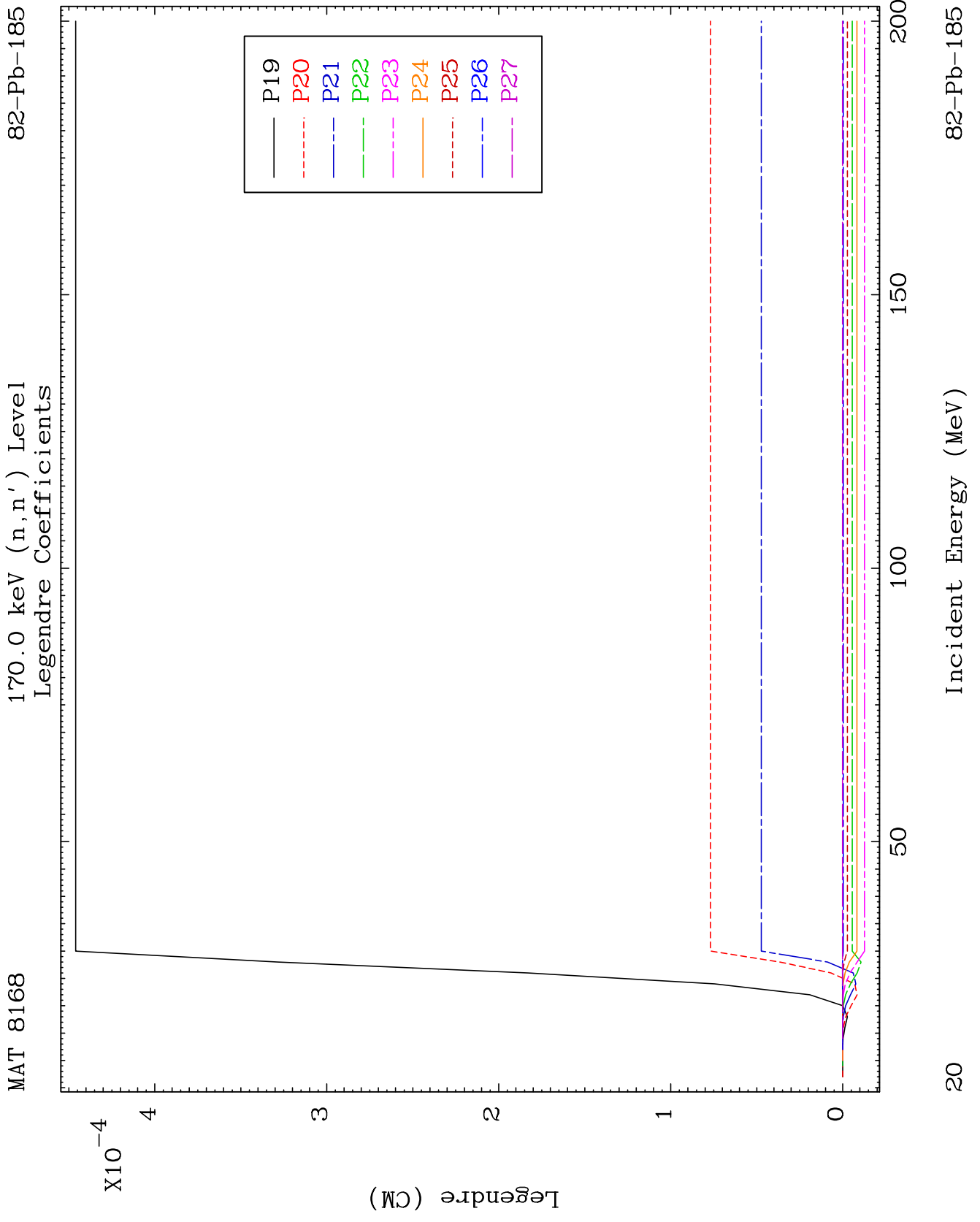
82-Pb-185



19

Incident Energy (MeV)

82-Pb-185

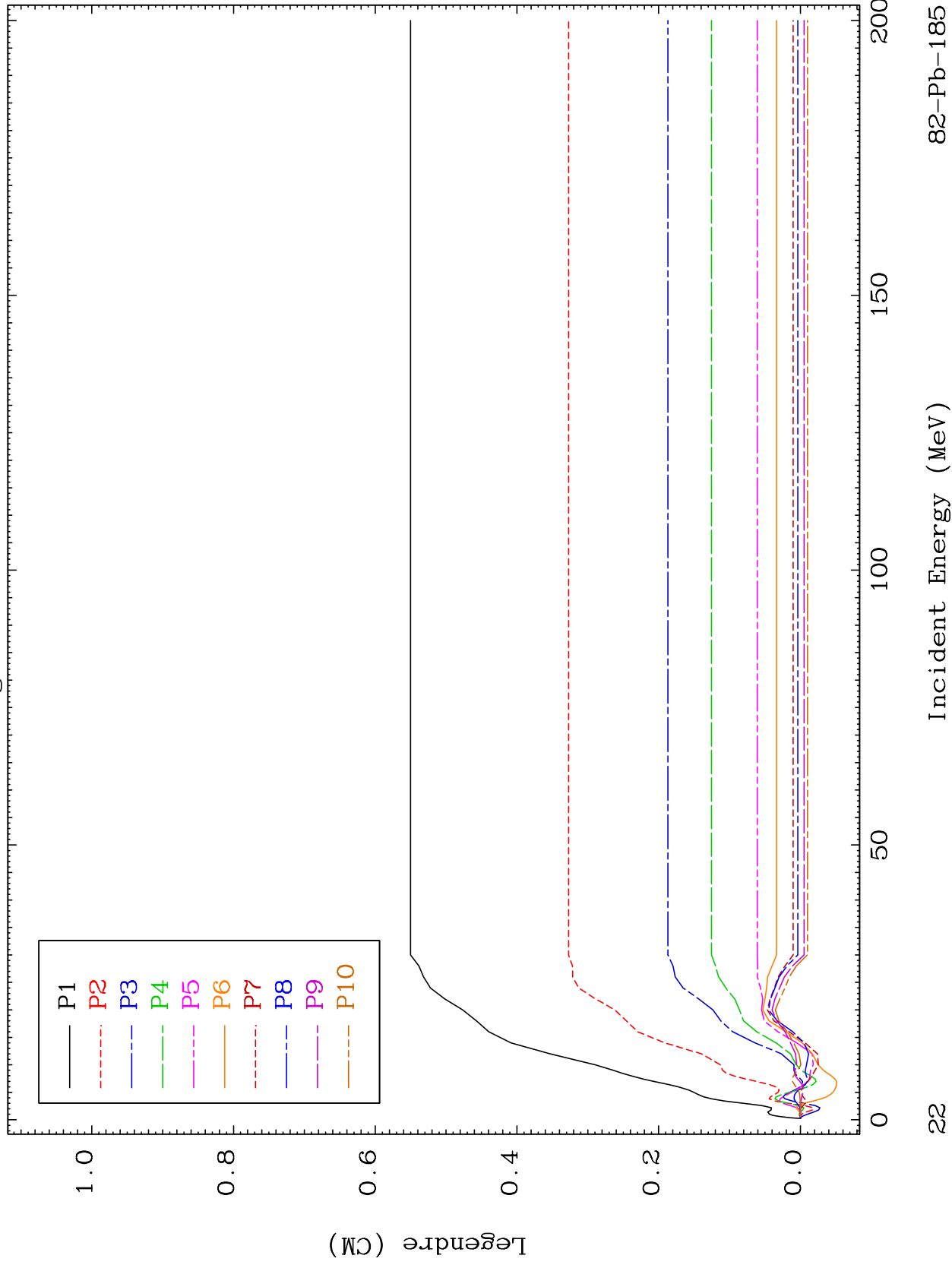




MAT 8168

224.0 keV (n, n') Level  
Legendre Coefficients

82-Pb-185

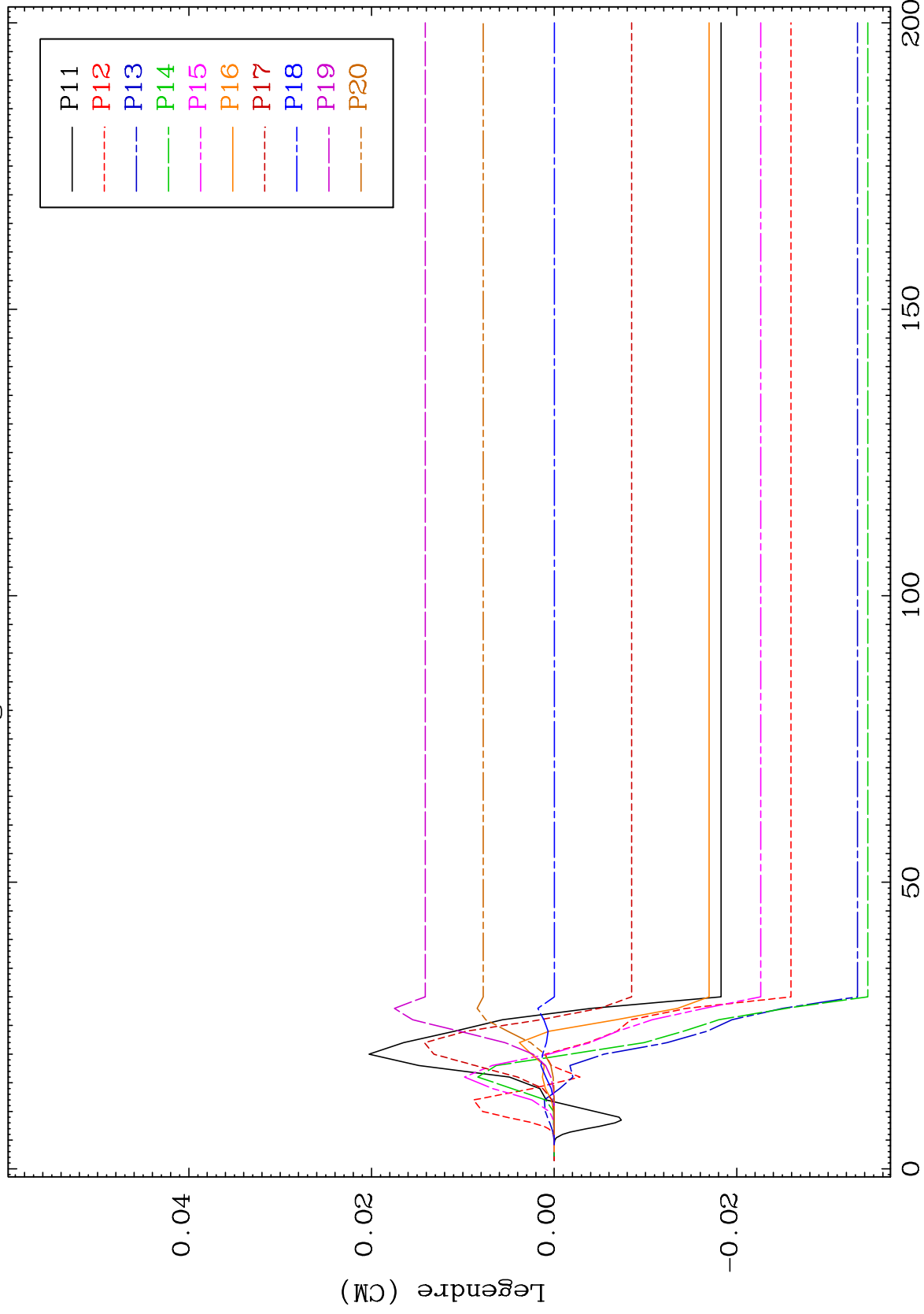


22

MAT 8168

224.0 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



23

Incident Energy (MeV)

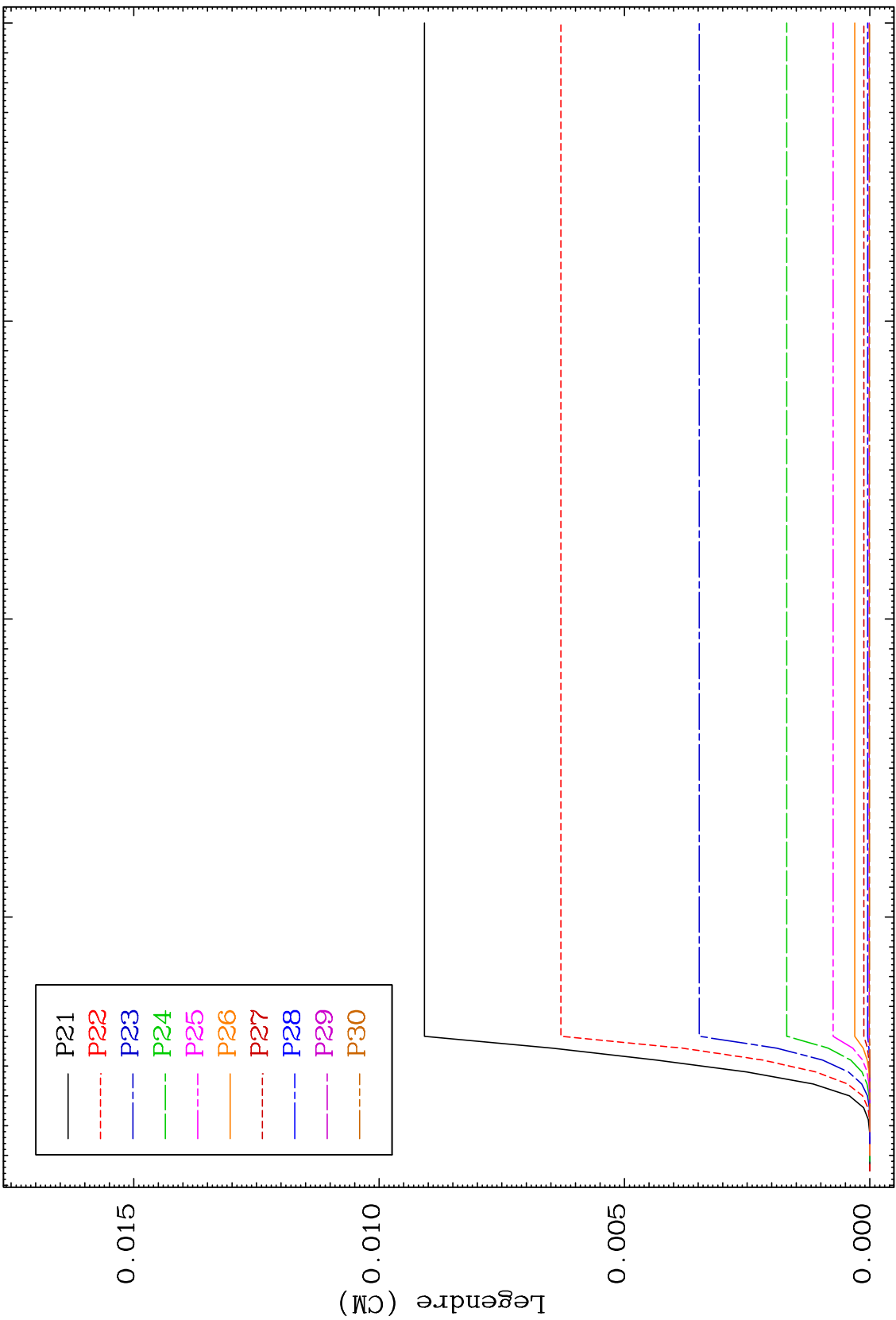
82-Pb-185



MAT 8168

224.0 keV (n,n') Level  
Legendre Coefficients

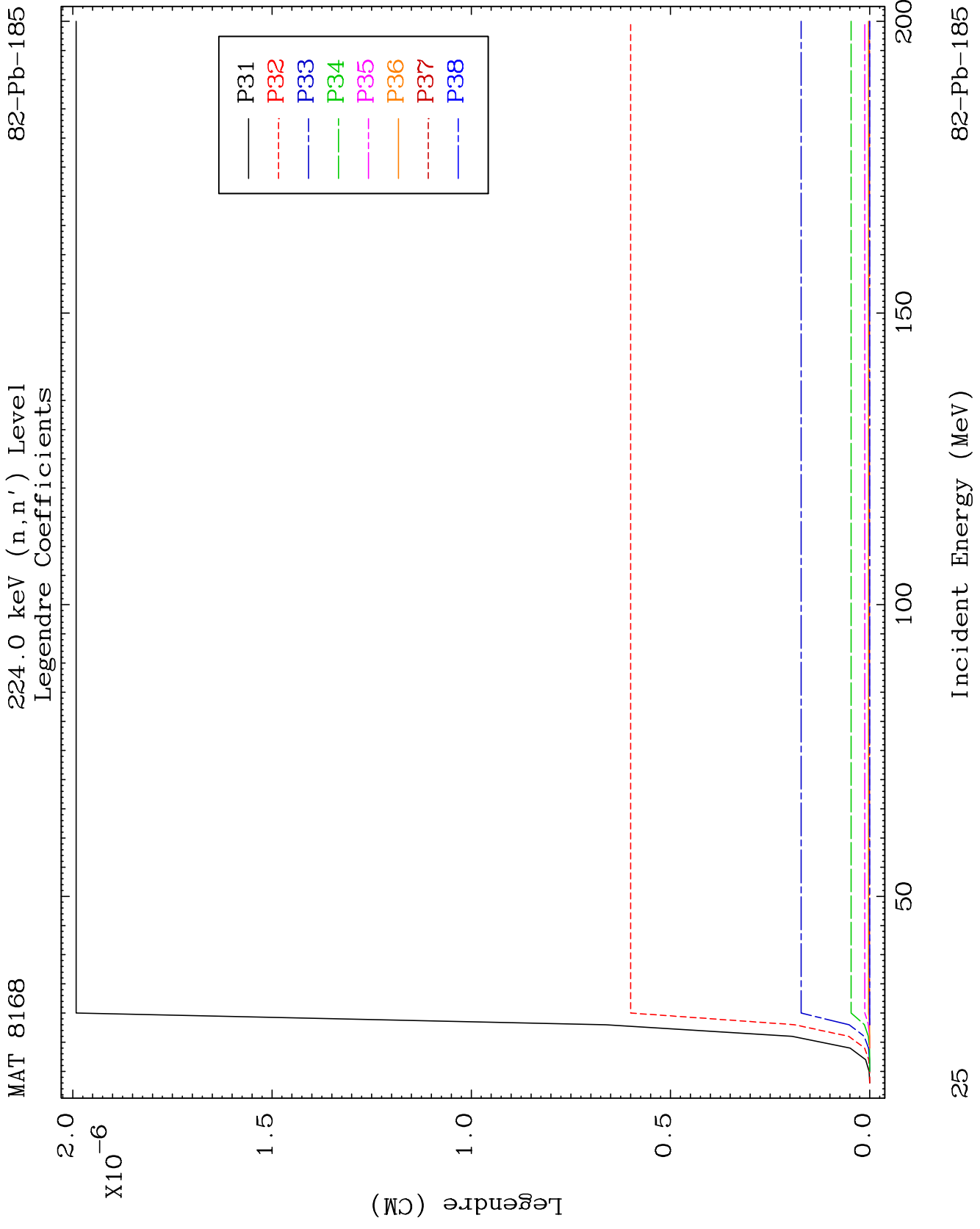
82-Pb-185

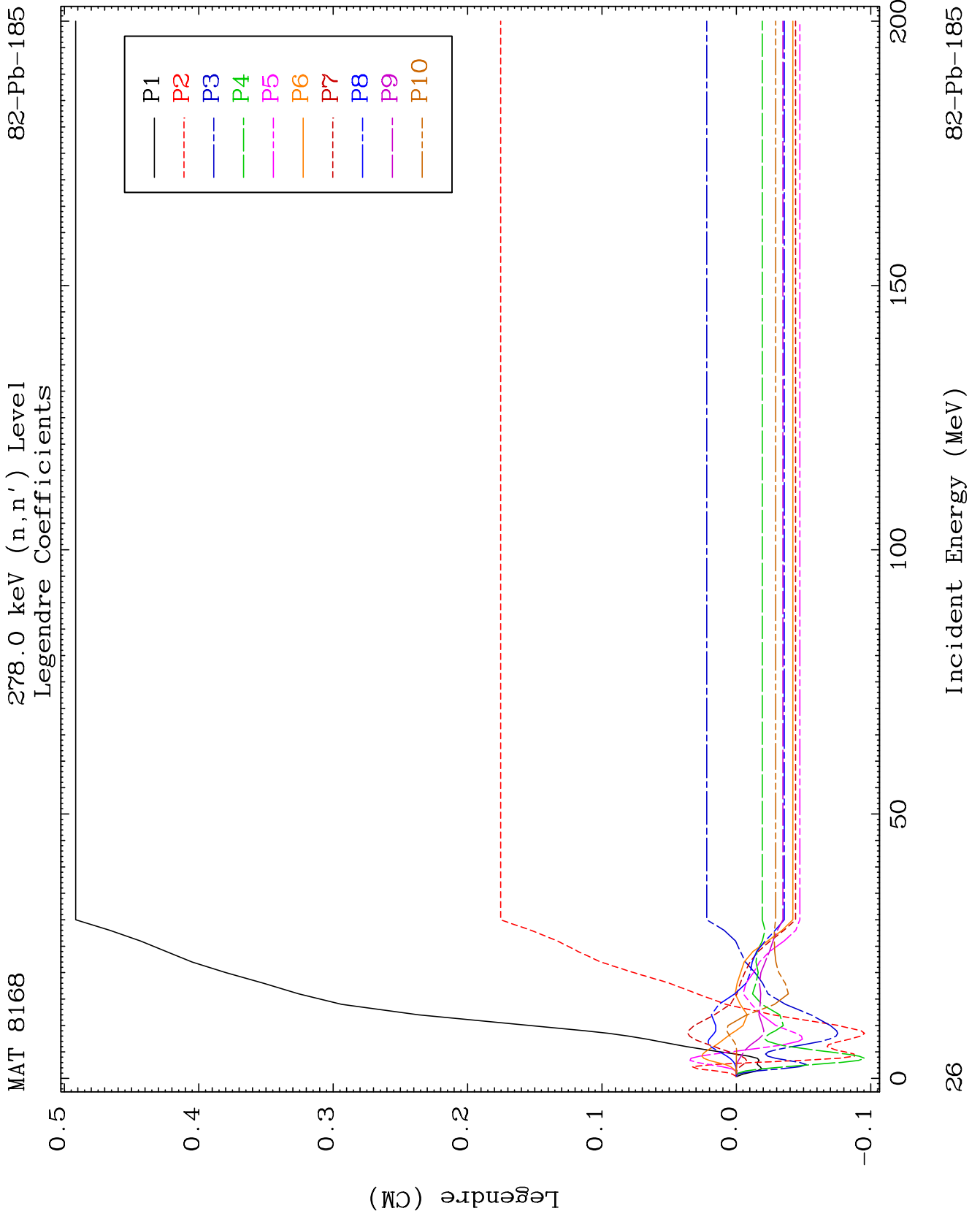


24

Incident Energy (MeV)

82-Pb-185

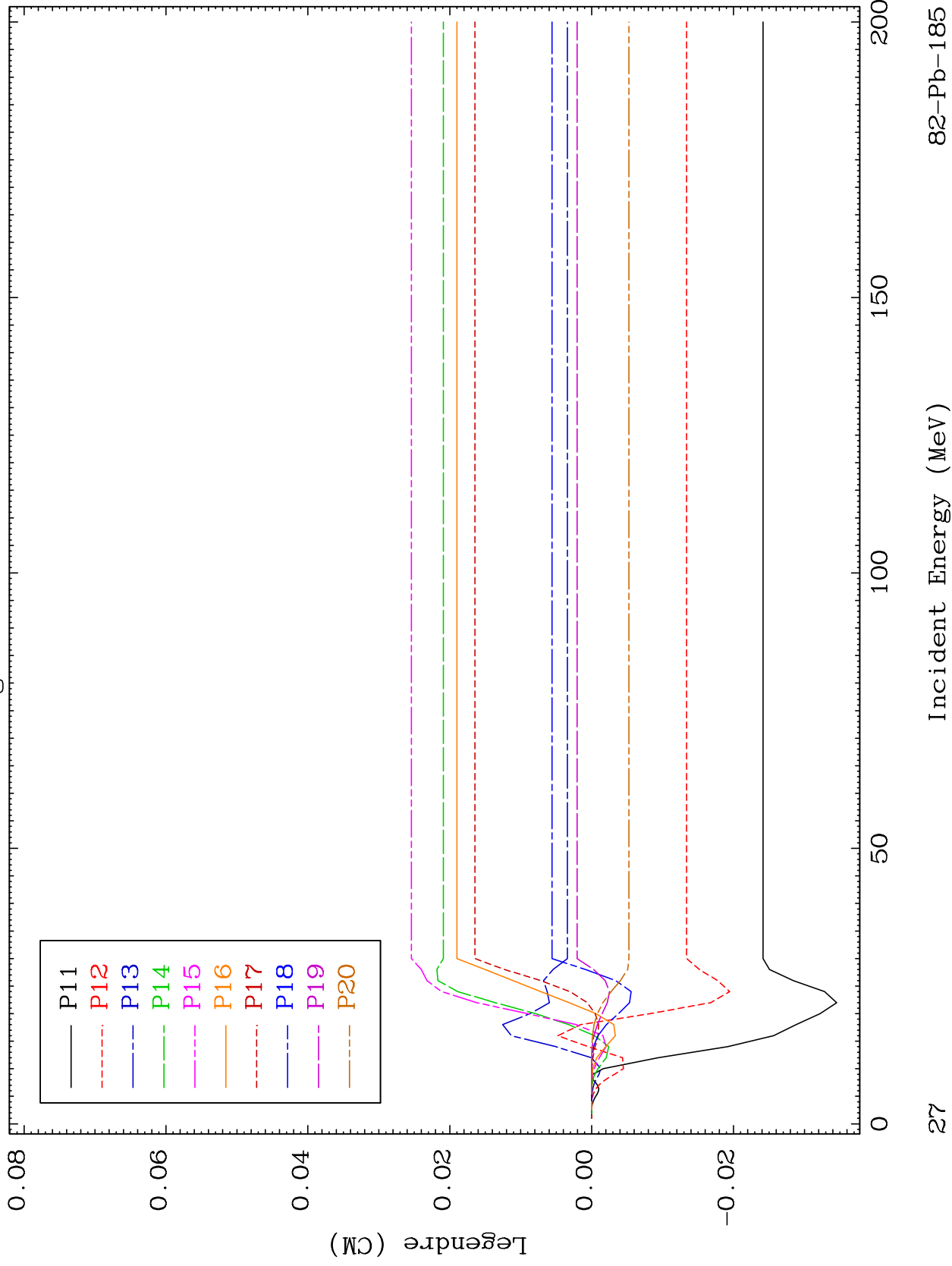




MAT 8168

278.0 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



27

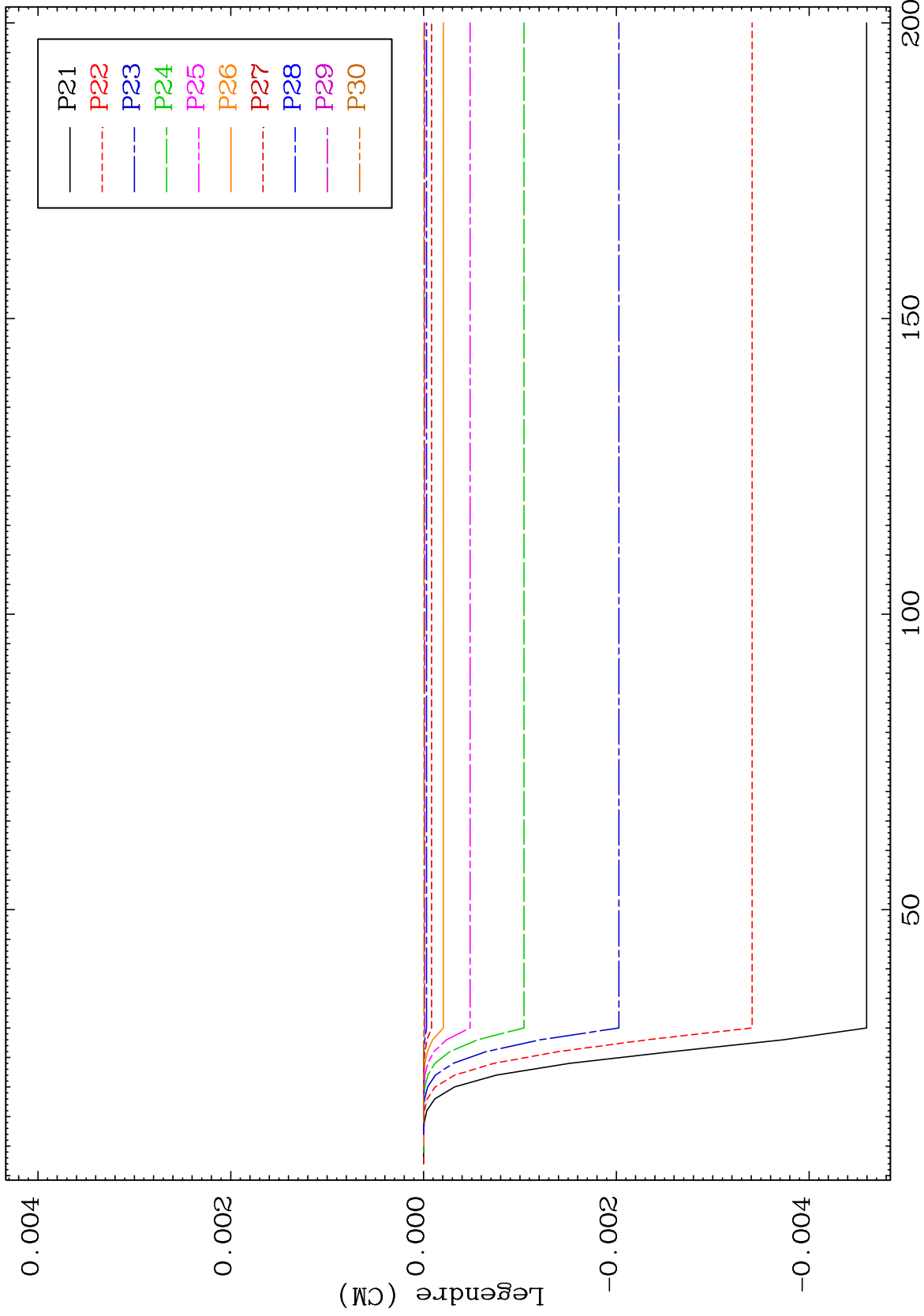
Incident Energy (MeV)

82-Pb-185

MAT 8168

278.0 keV (n,n') Level  
Legendre Coefficients

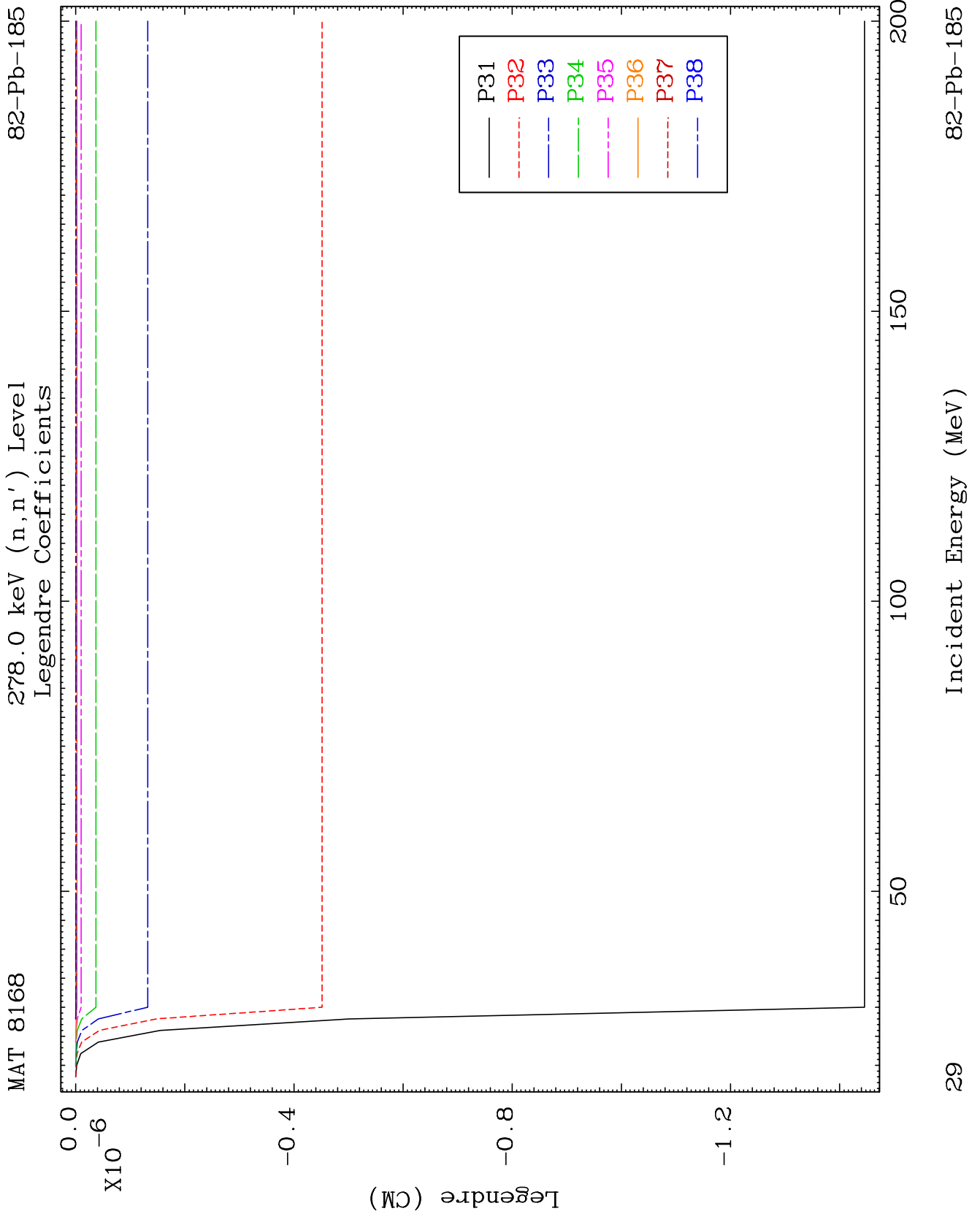
82-Pb-185

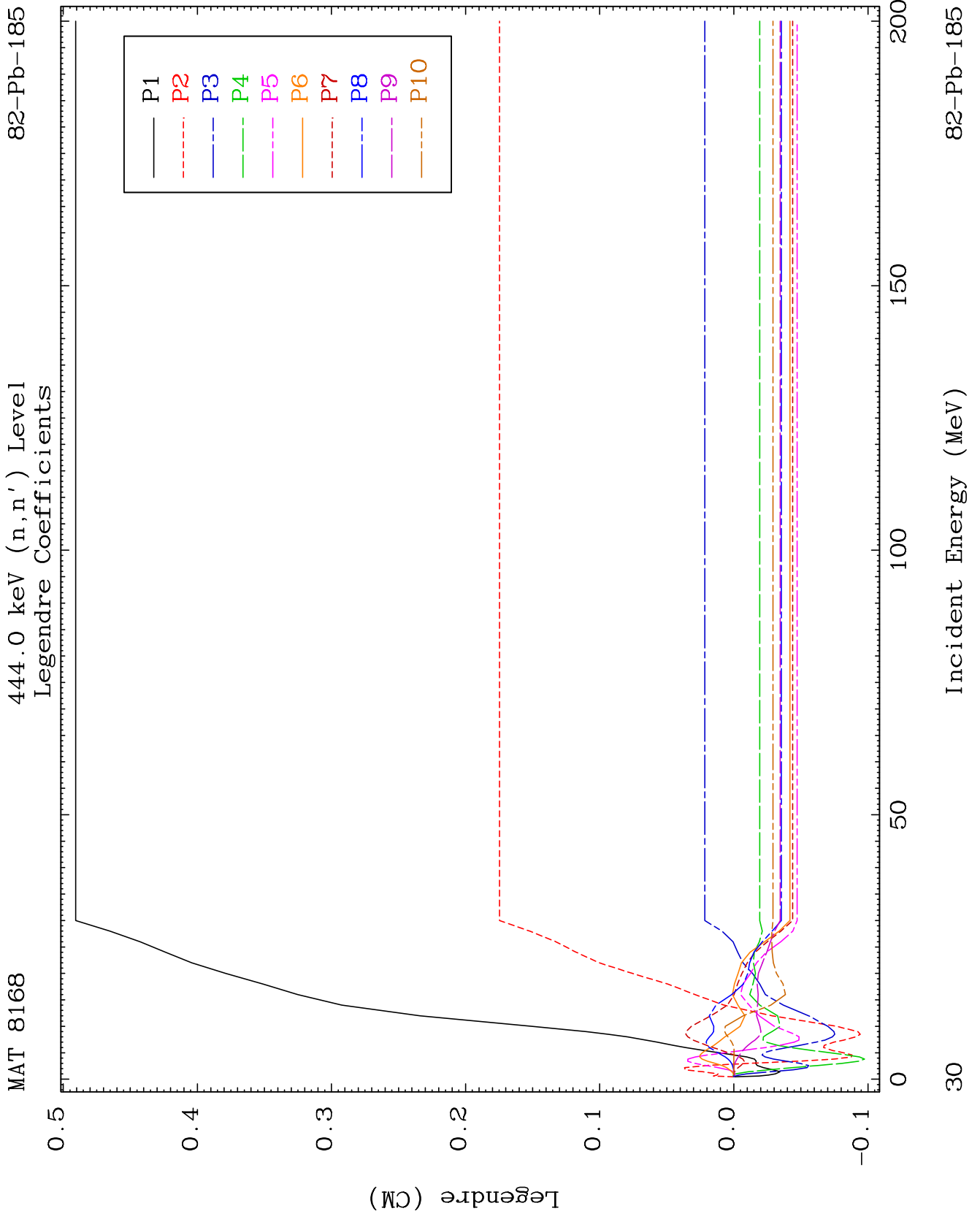


28

Incident Energy (MeV)

82-Pb-185

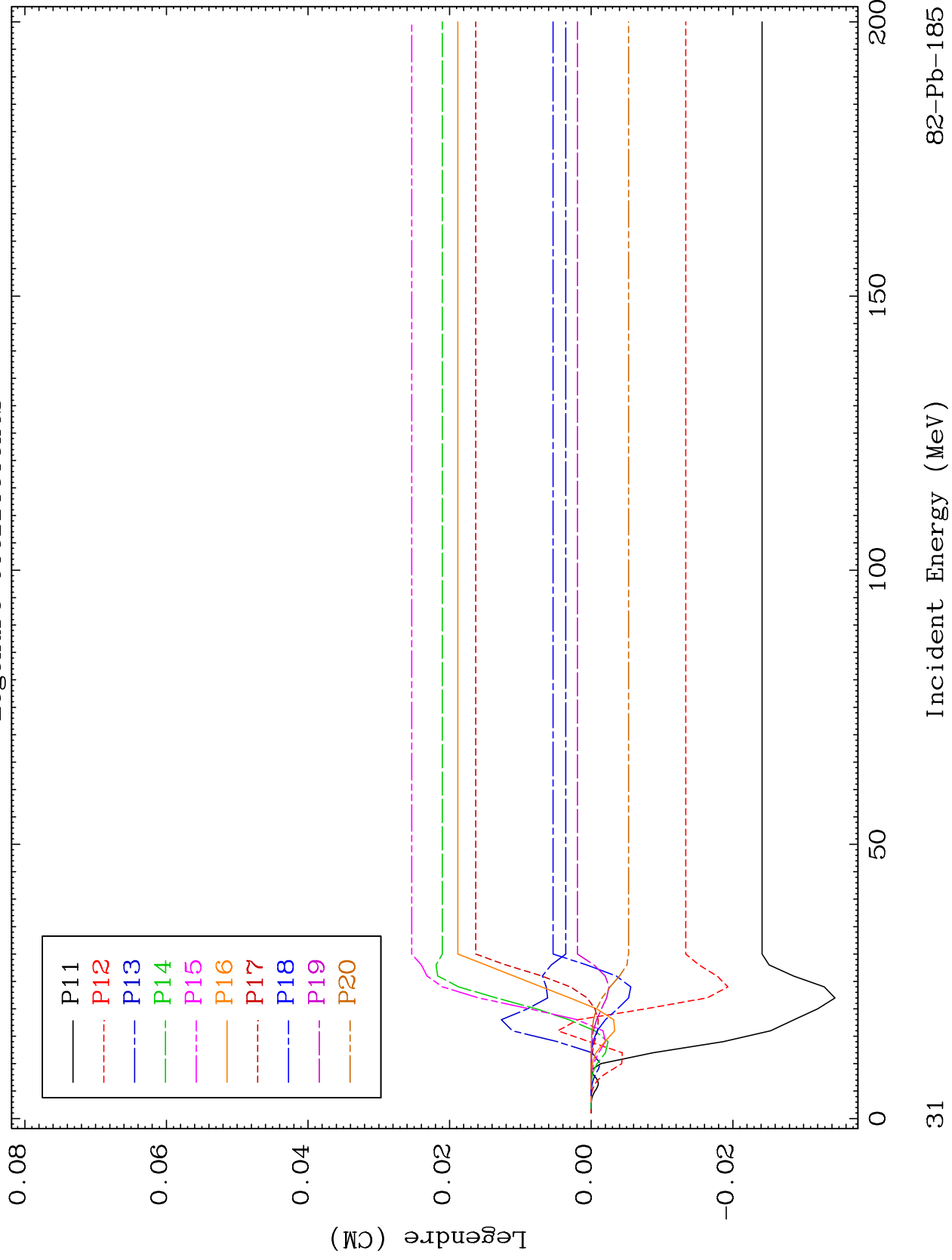




MAT 8168

444.0 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



31

Incident Energy (MeV)

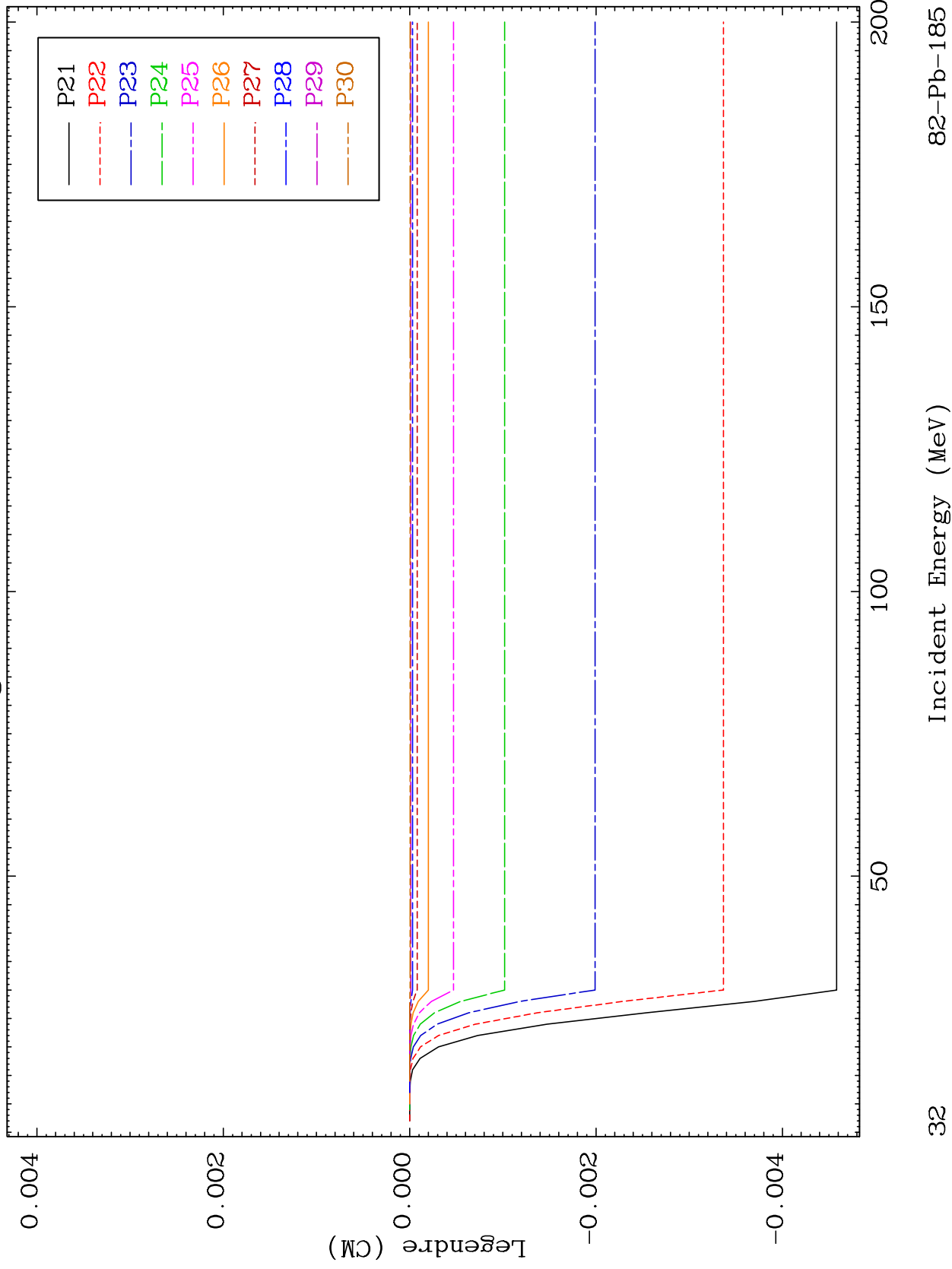
82-Pb-185



MAT 8168

444.0 keV (n,n') Level  
Legendre Coefficients

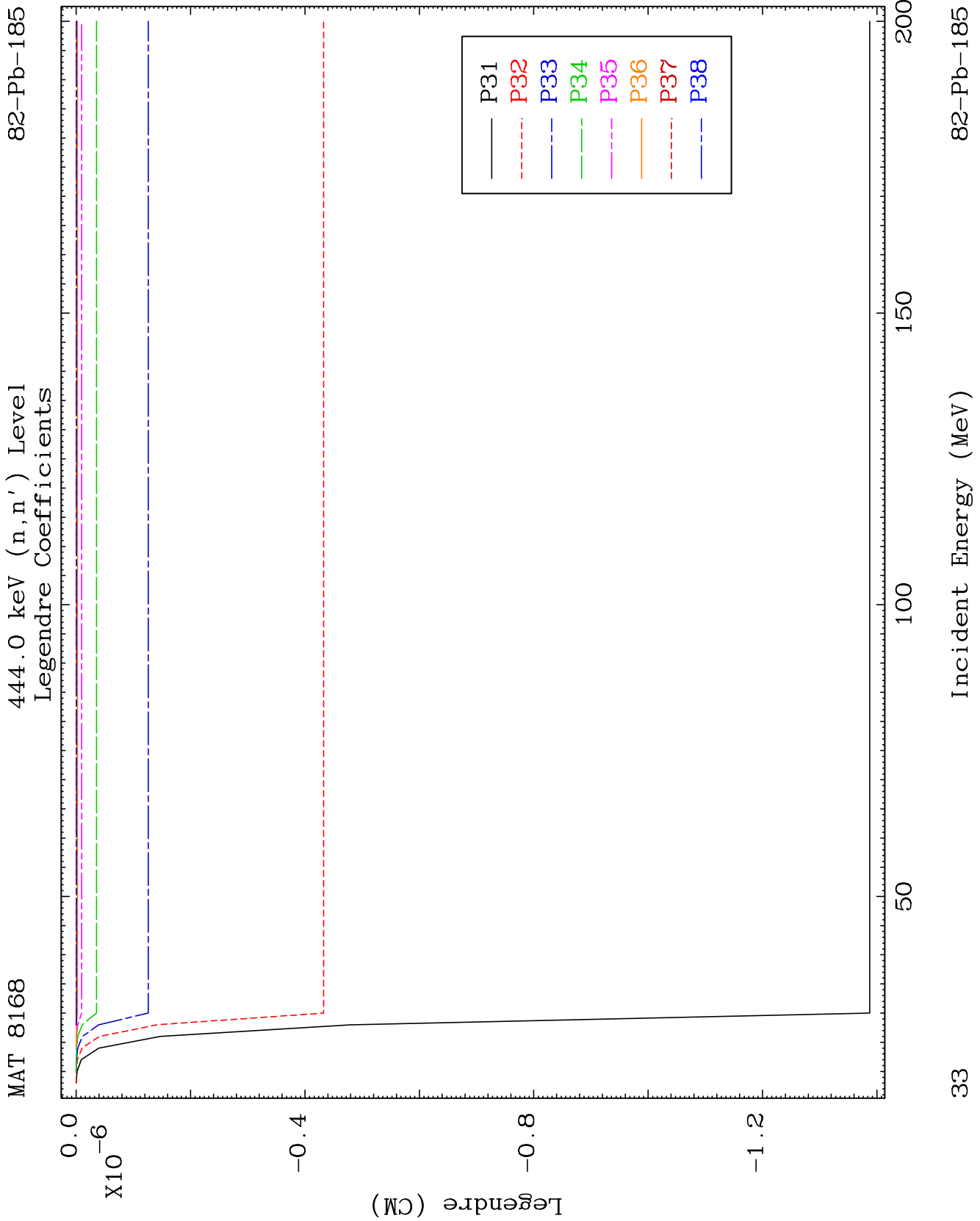
82-Pb-185

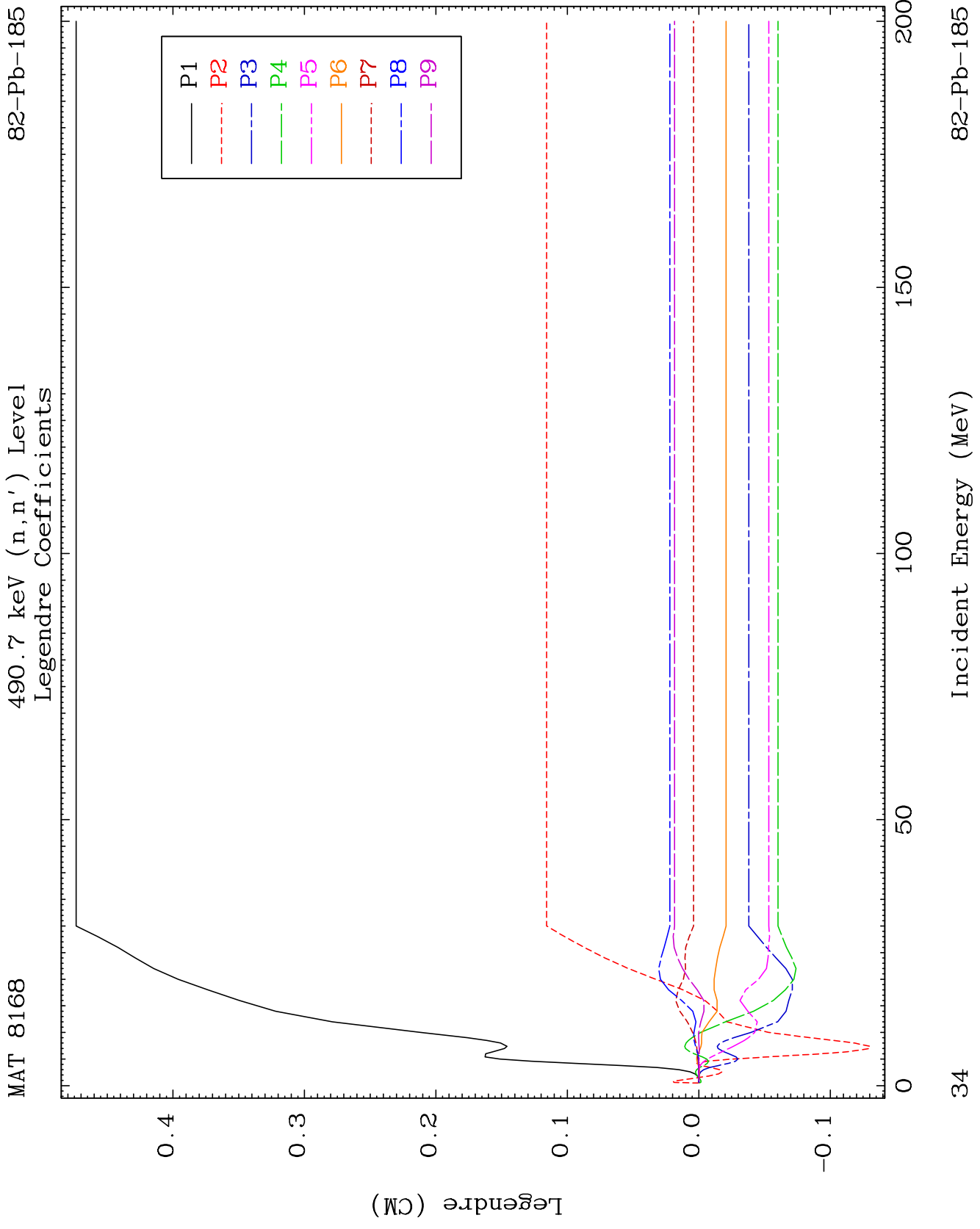


32

Incident Energy (MeV)

82-Pb-185

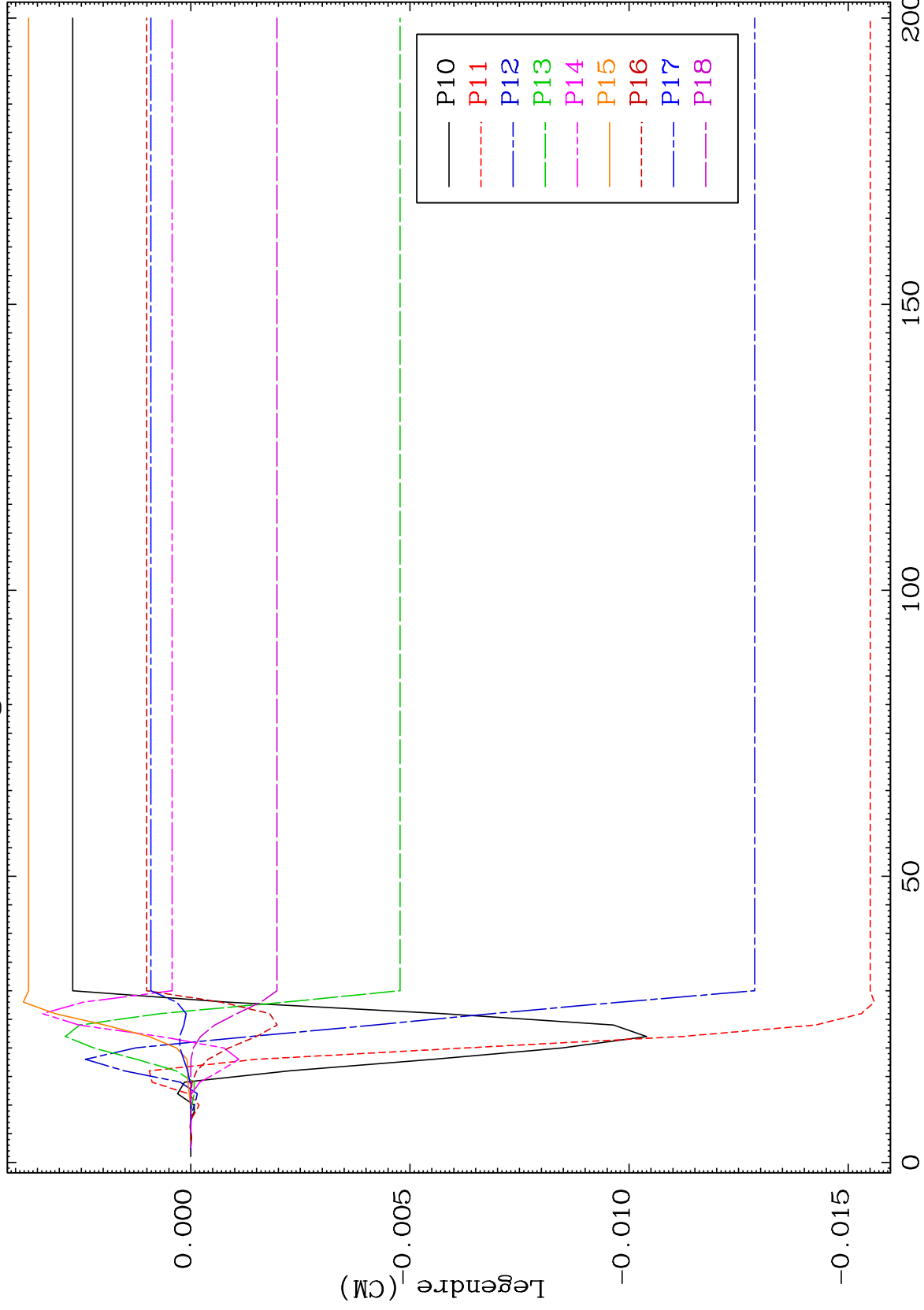




MAT 8168

490.7 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



35

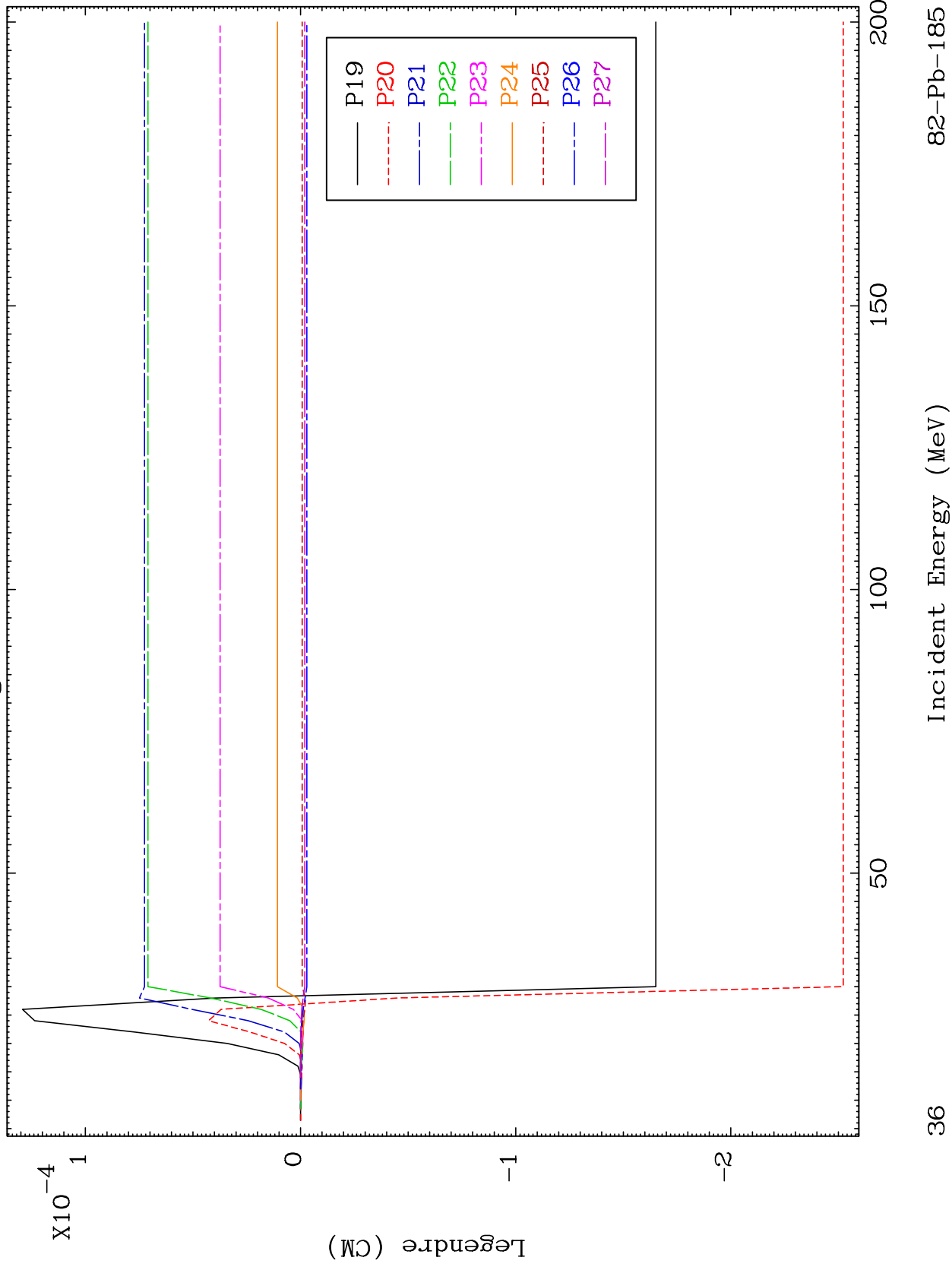
Incident Energy (MeV)

82-Pb-185

MAT 8168

490.7 keV (n,n') Level  
Legendre Coefficients

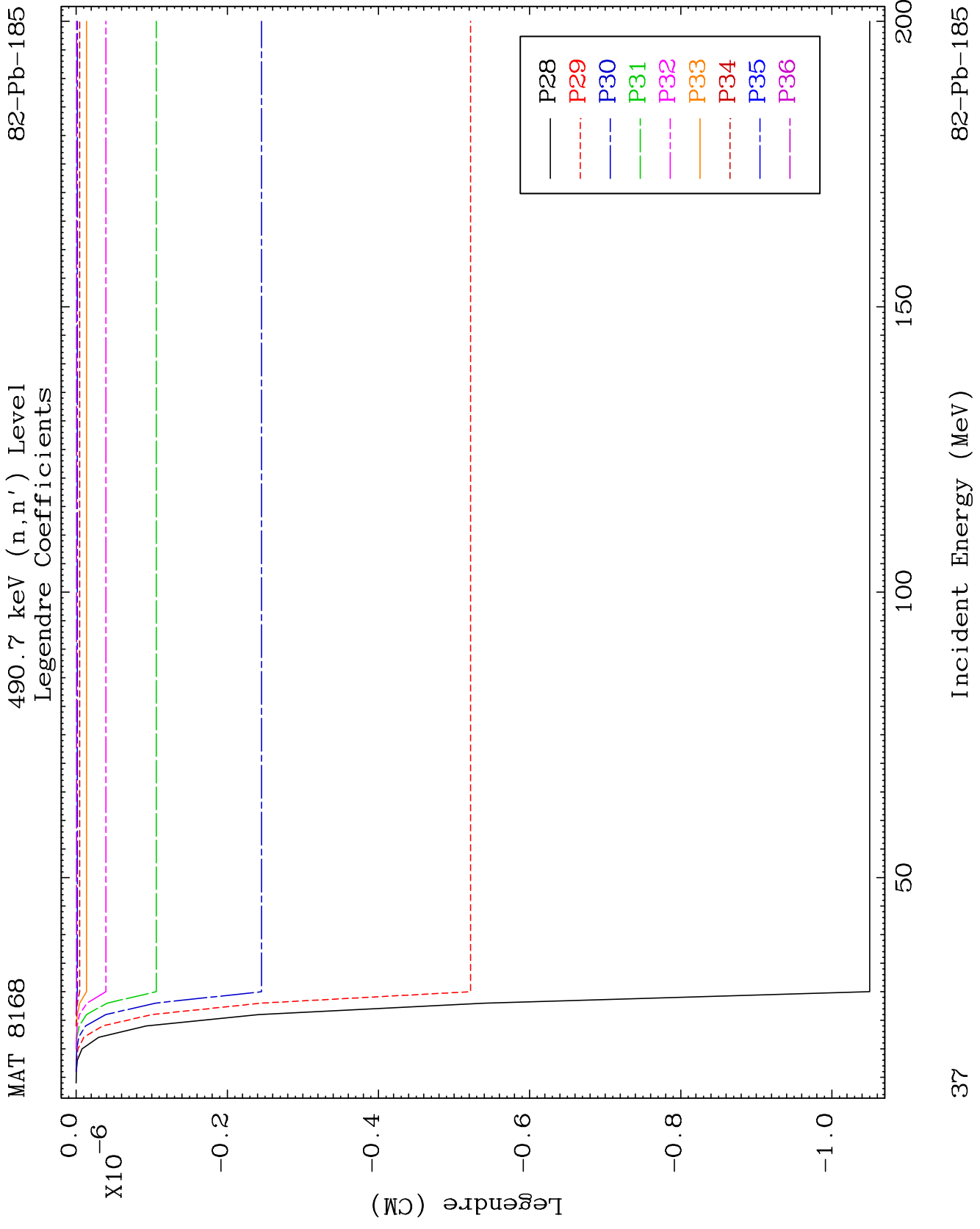
82-Pb-185



36

Incident Energy (MeV)

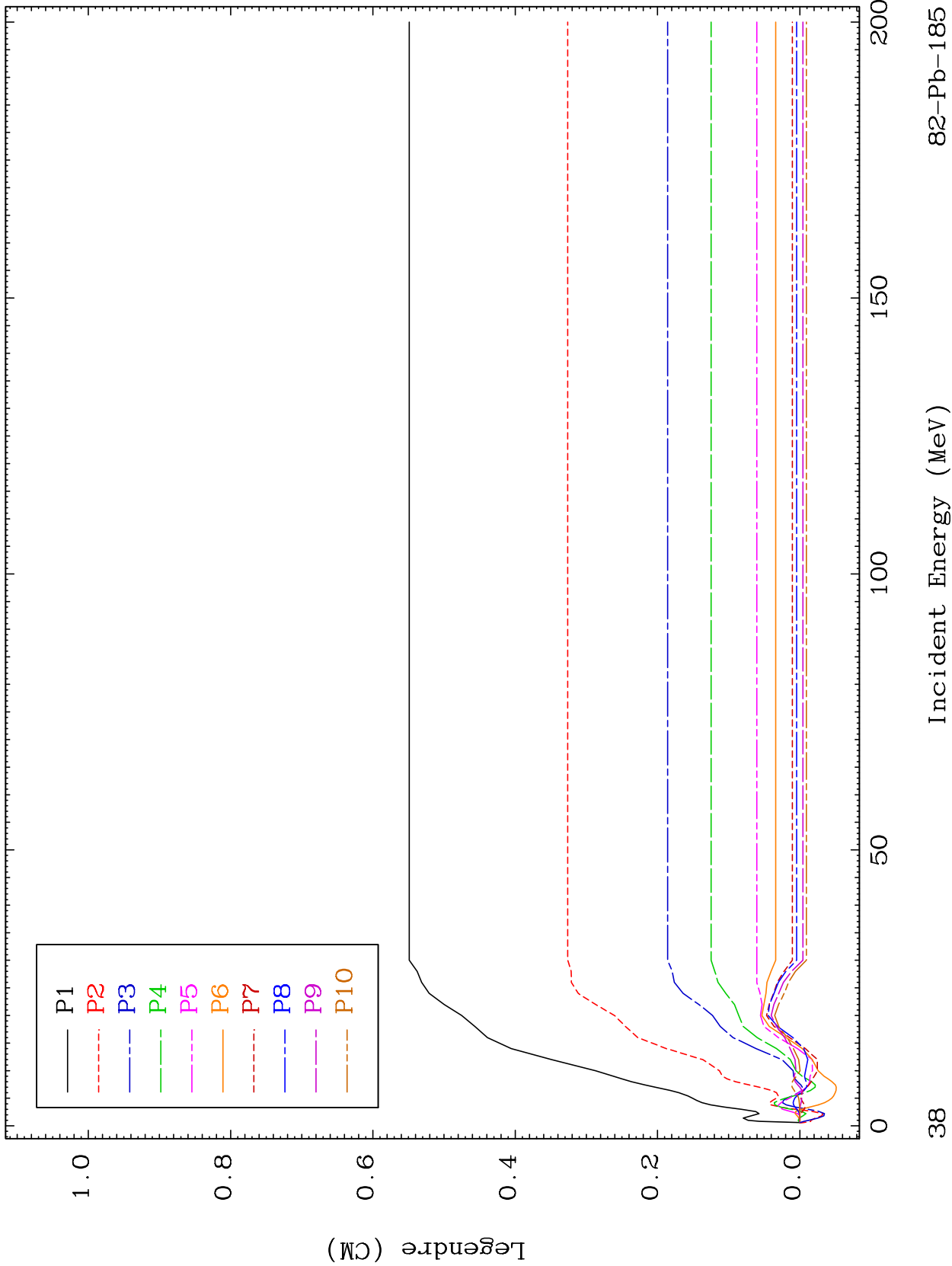
82-Pb-185



MAT 8168

506.6 keV (n, n') Level  
Legendre Coefficients

82-Pb-185



38

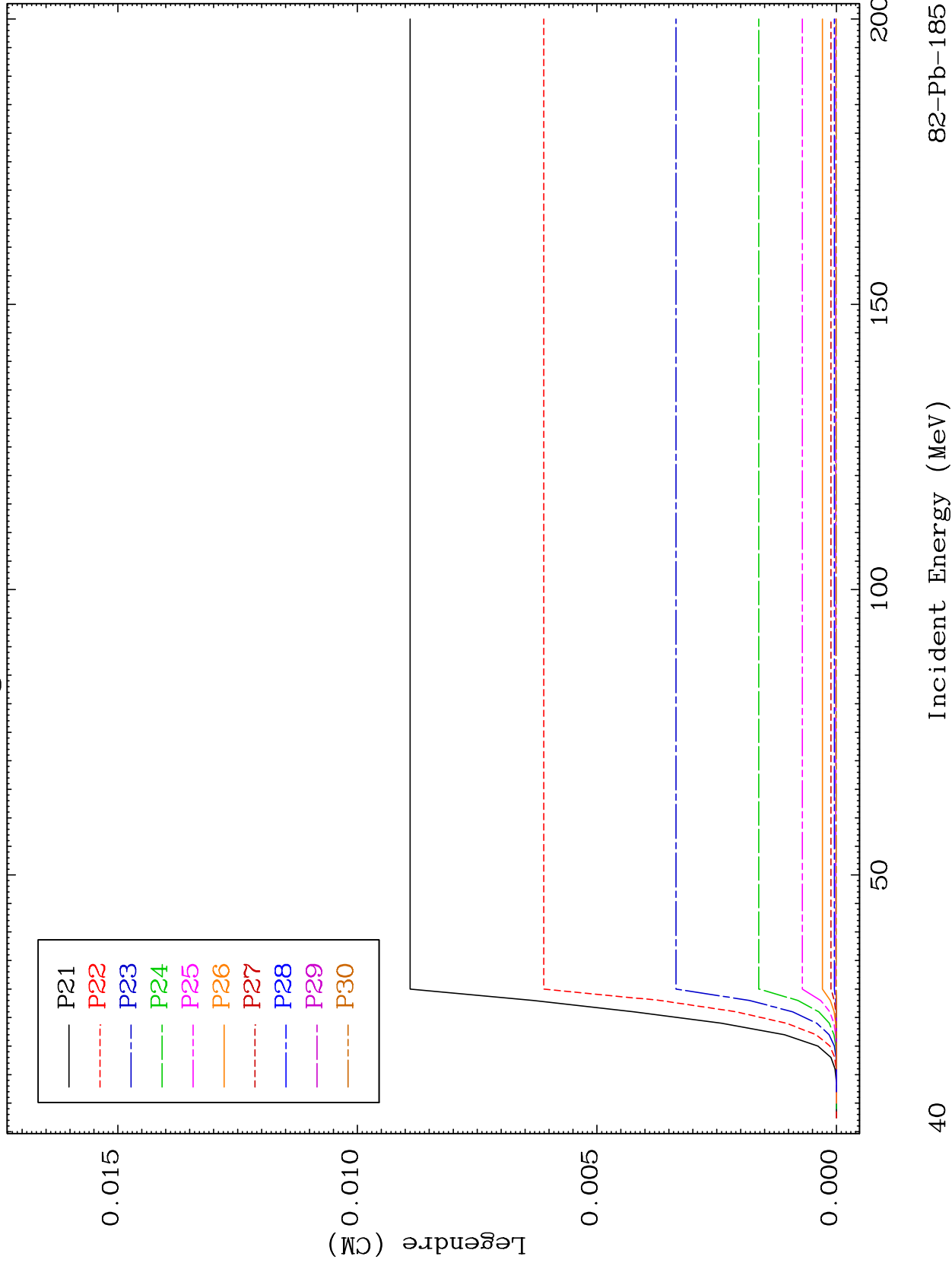




MAT 8168

506.6 keV (n,n') Level  
Legendre Coefficients

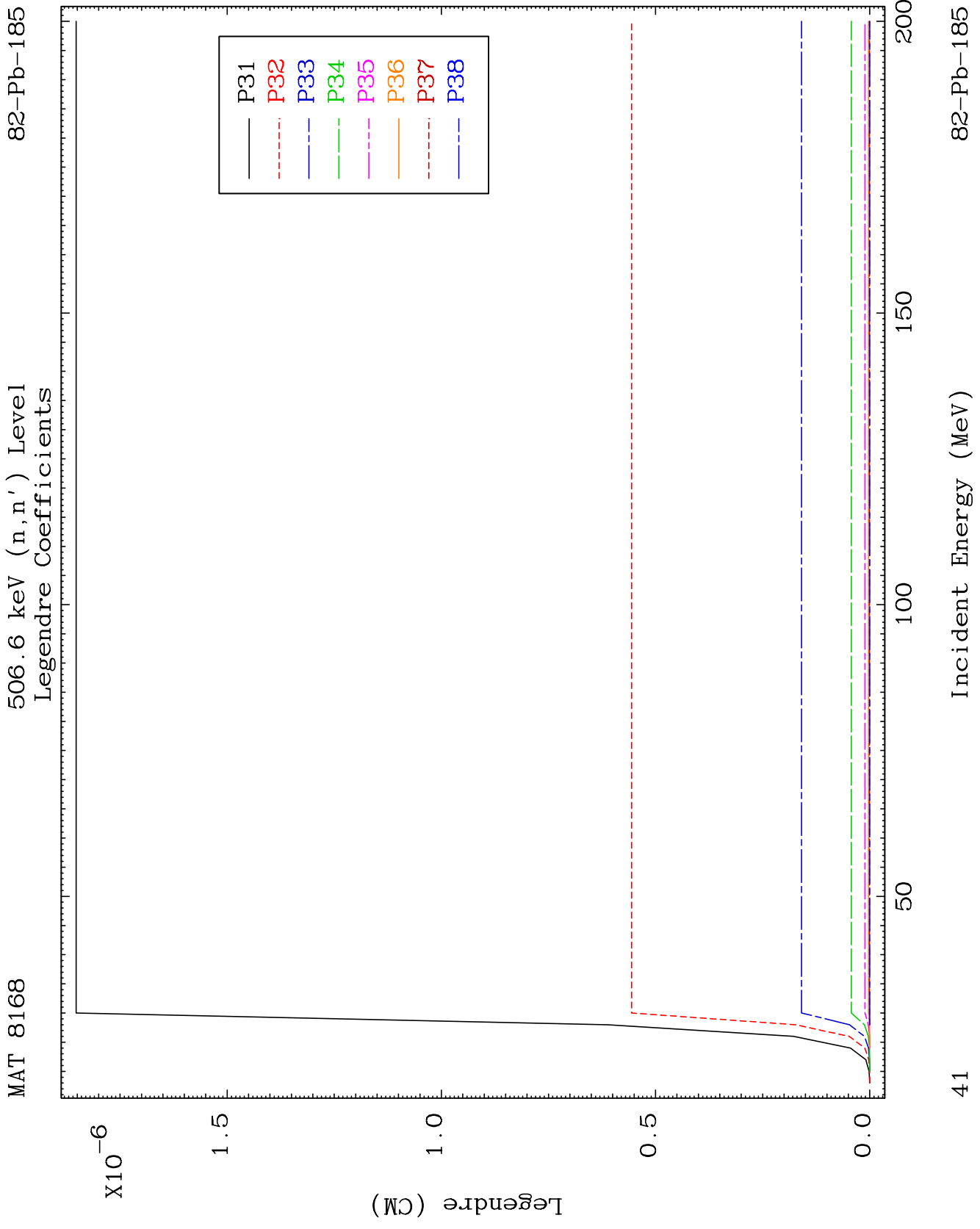
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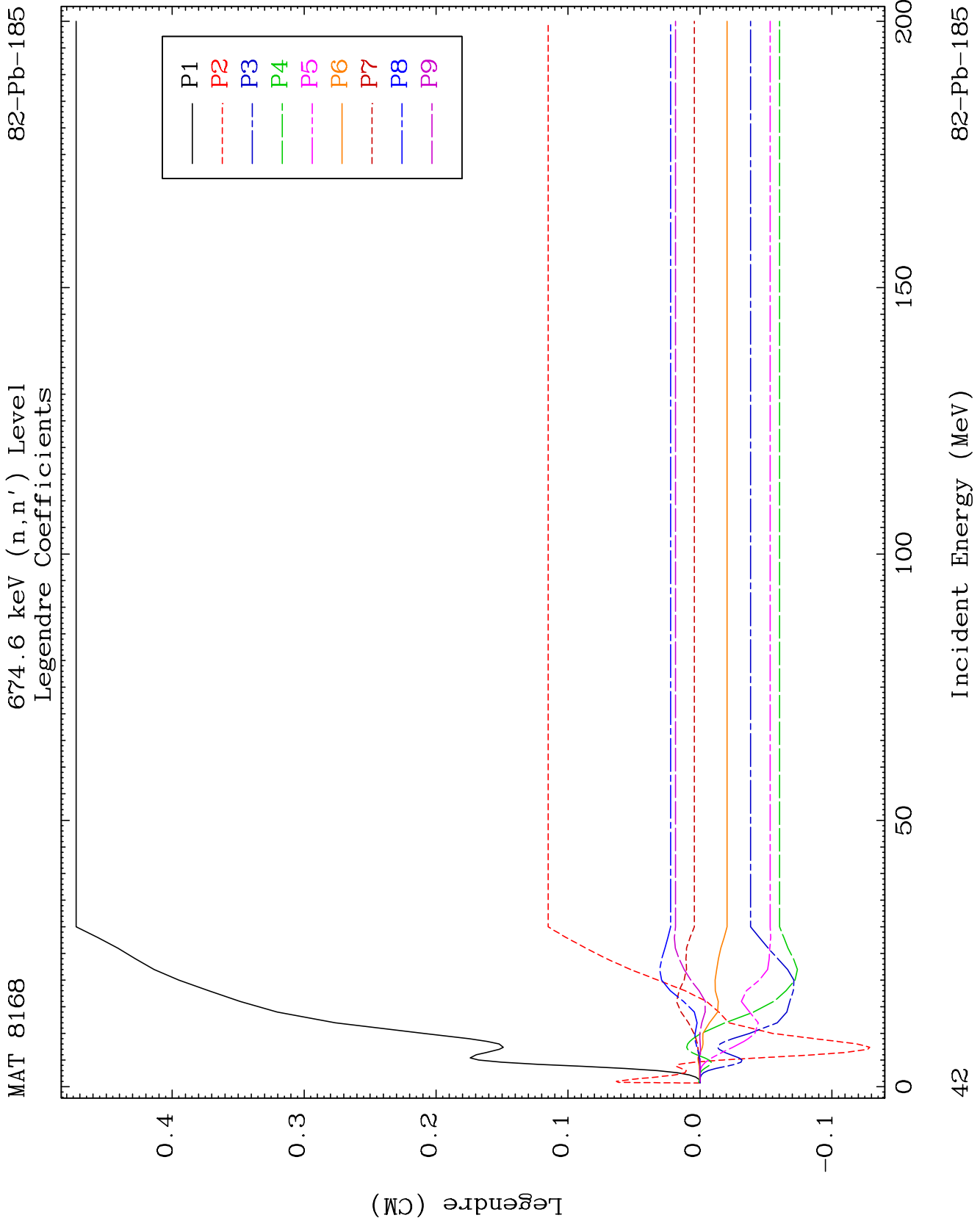


82-Pb-185

Incident Energy (MeV)

40

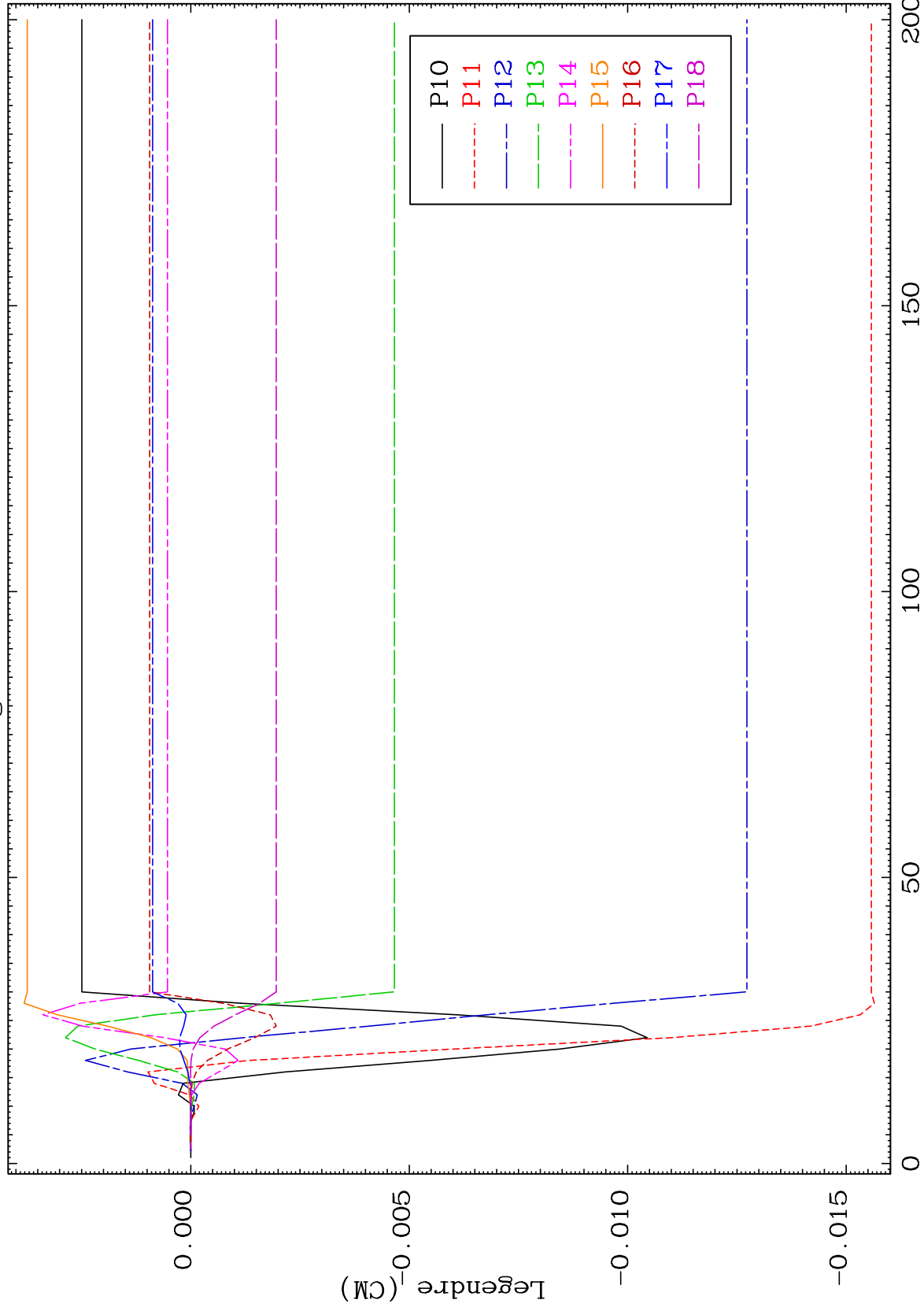




MAT 8168

674.6 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



43

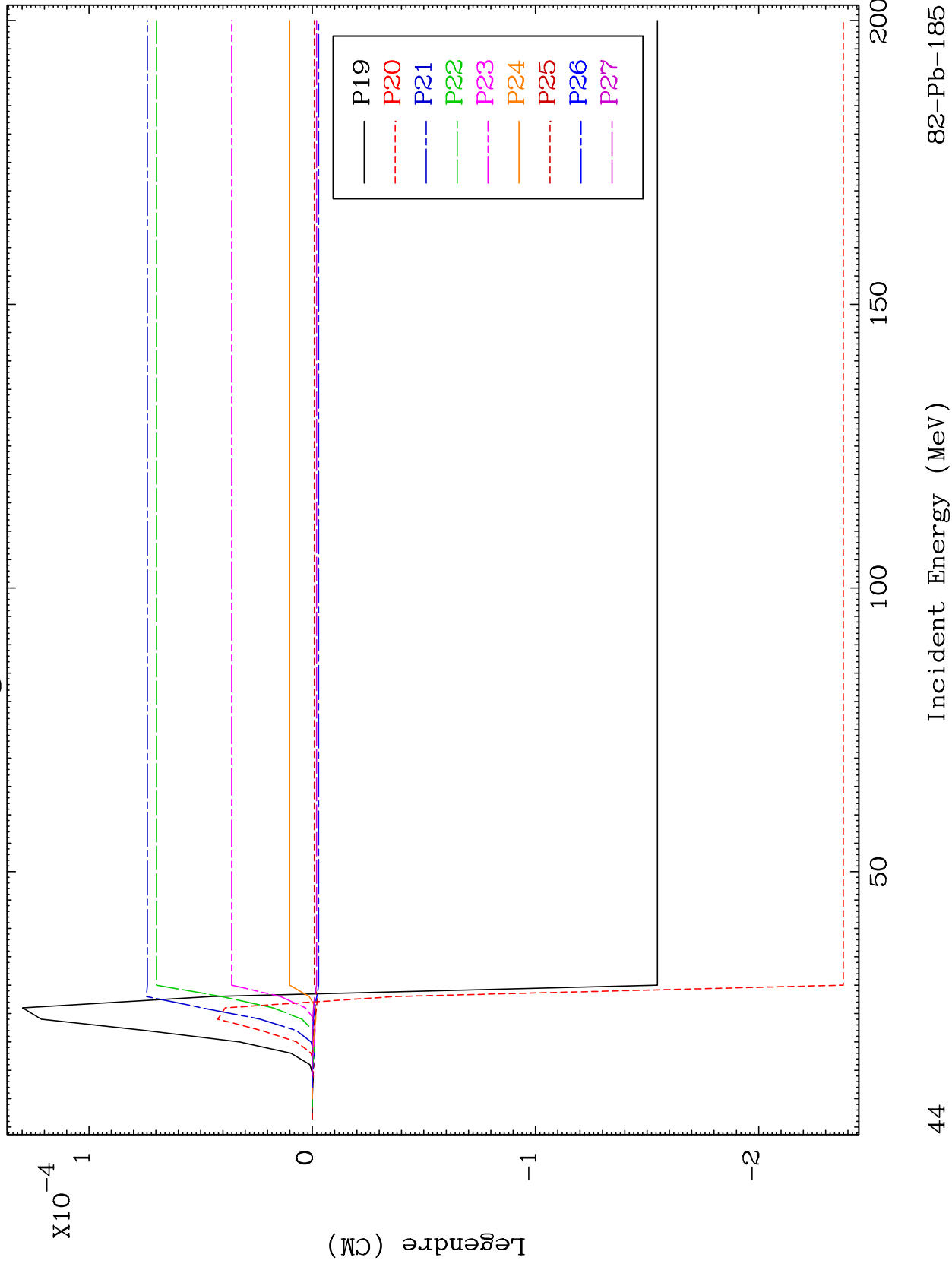
Incident Energy (MeV)

82-Pb-185

MAT 8168

674.6 keV (n,n') Level  
Legendre Coefficients

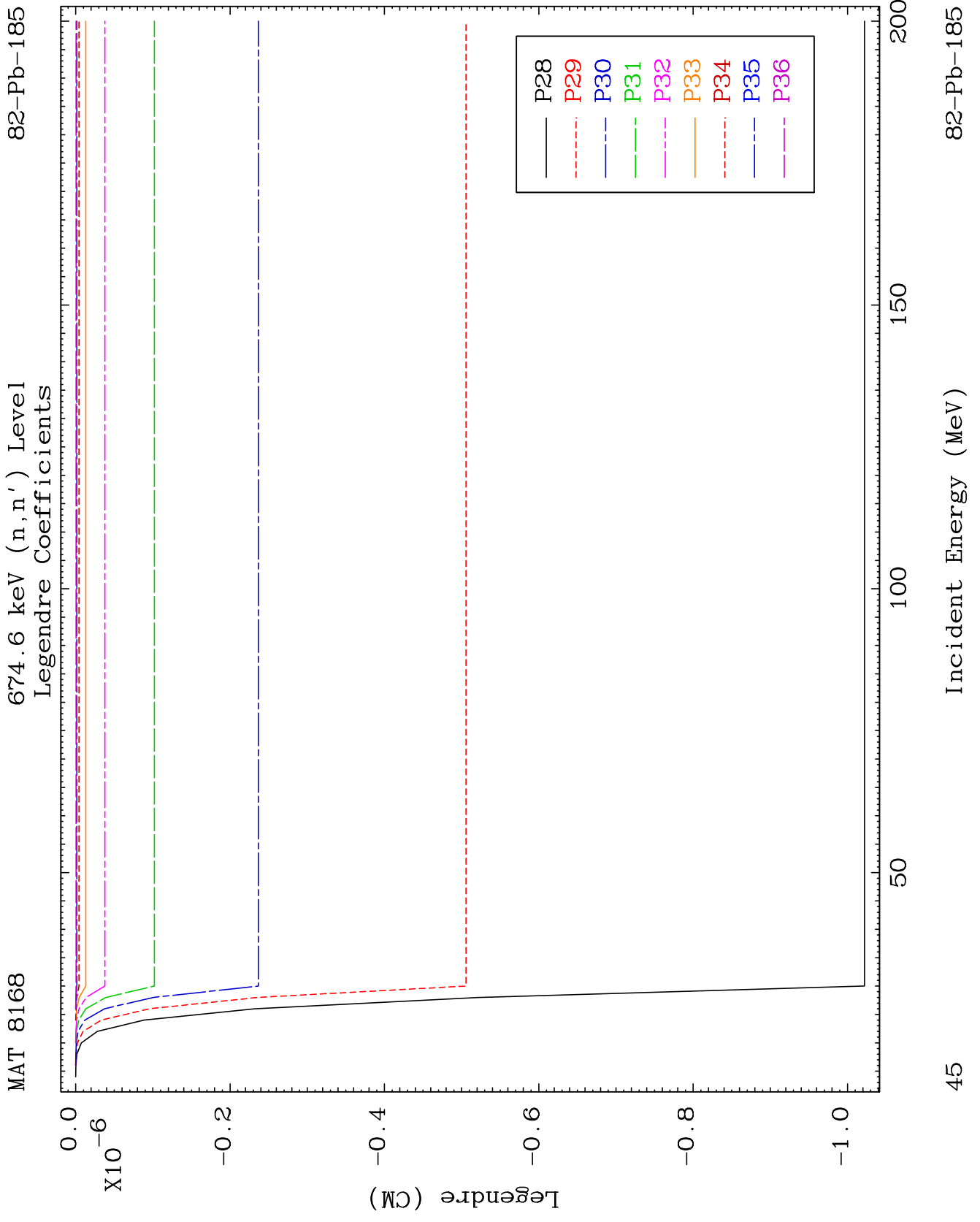
82-Pb-185

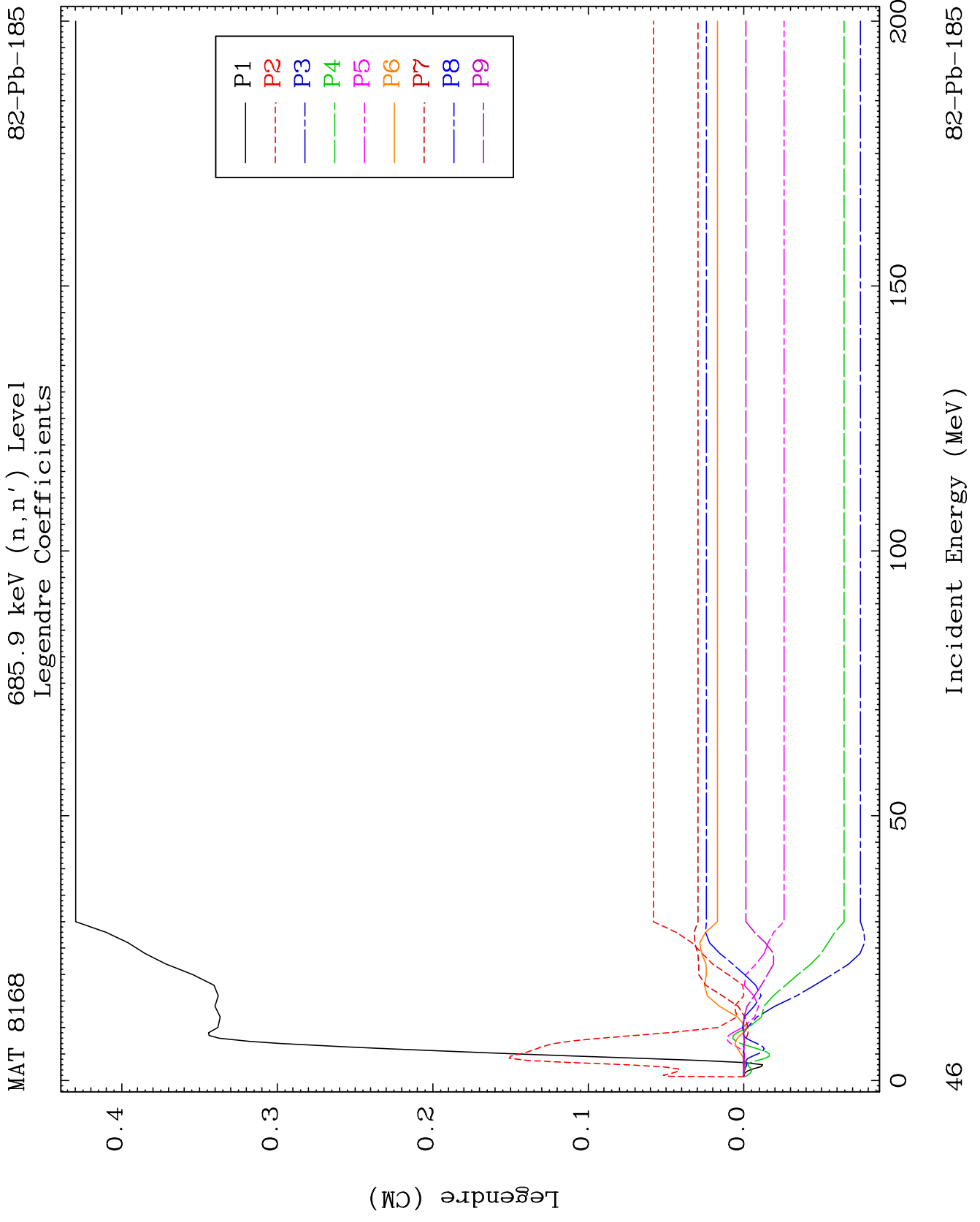


44

Incident Energy (MeV)

82-Pb-185

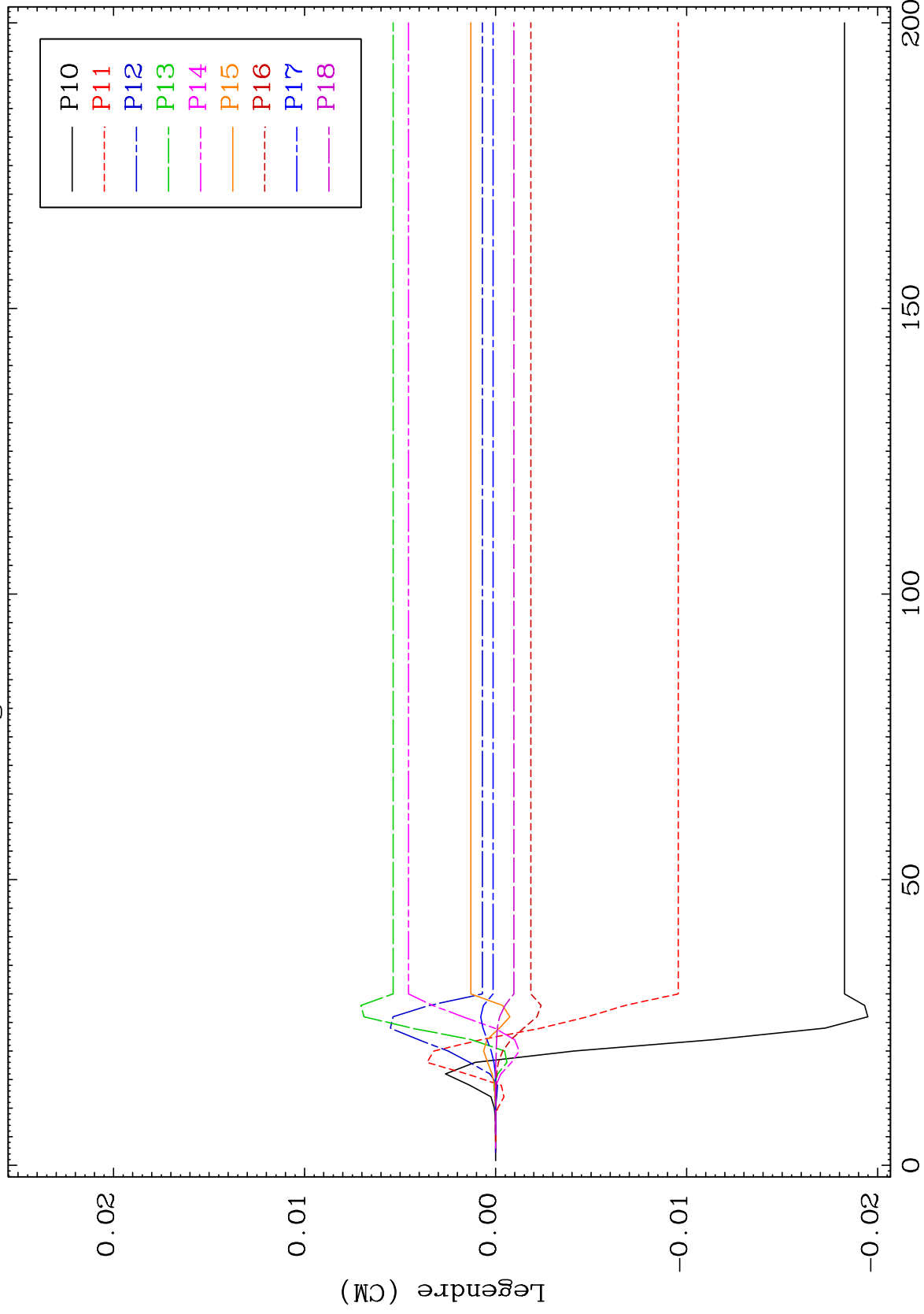




MAT 8168

685.9 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



47

Incident Energy (MeV)

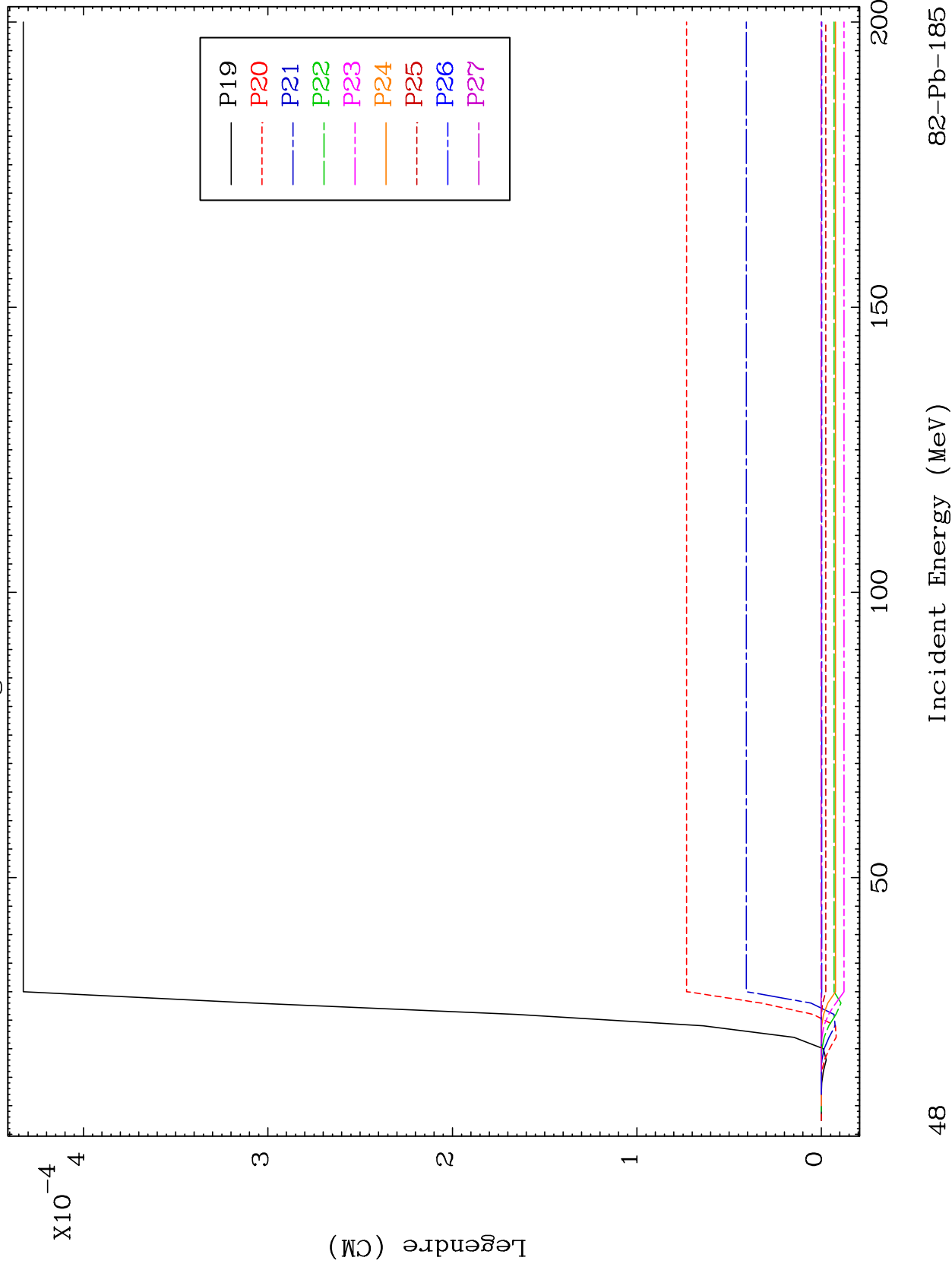
82-Pb-185



MAT 8168

685.9 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



48

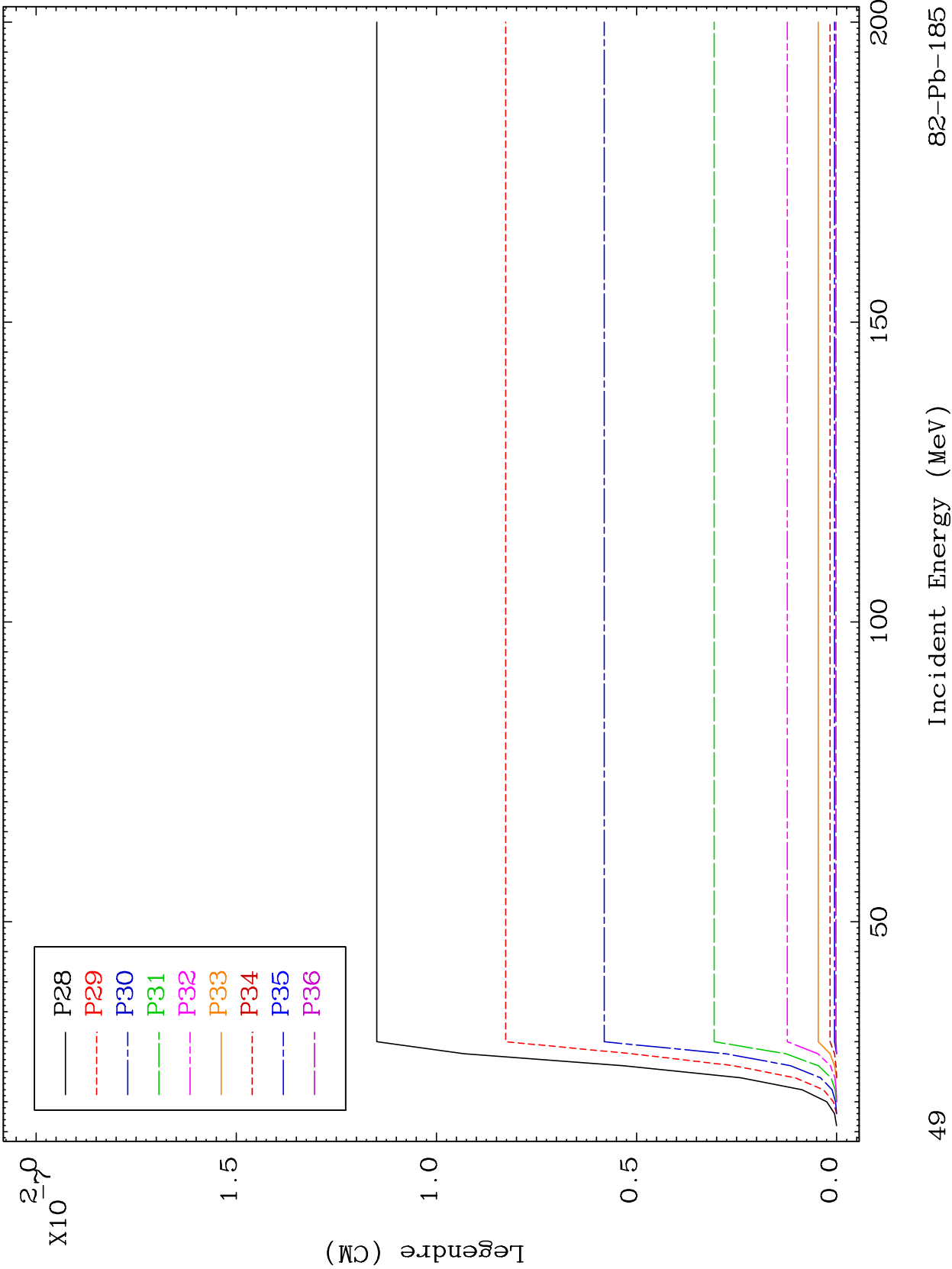
Incident Energy (MeV)

82-Pb-185

MAT 8168

685.9 keV (n,n') Level  
Legendre Coefficients

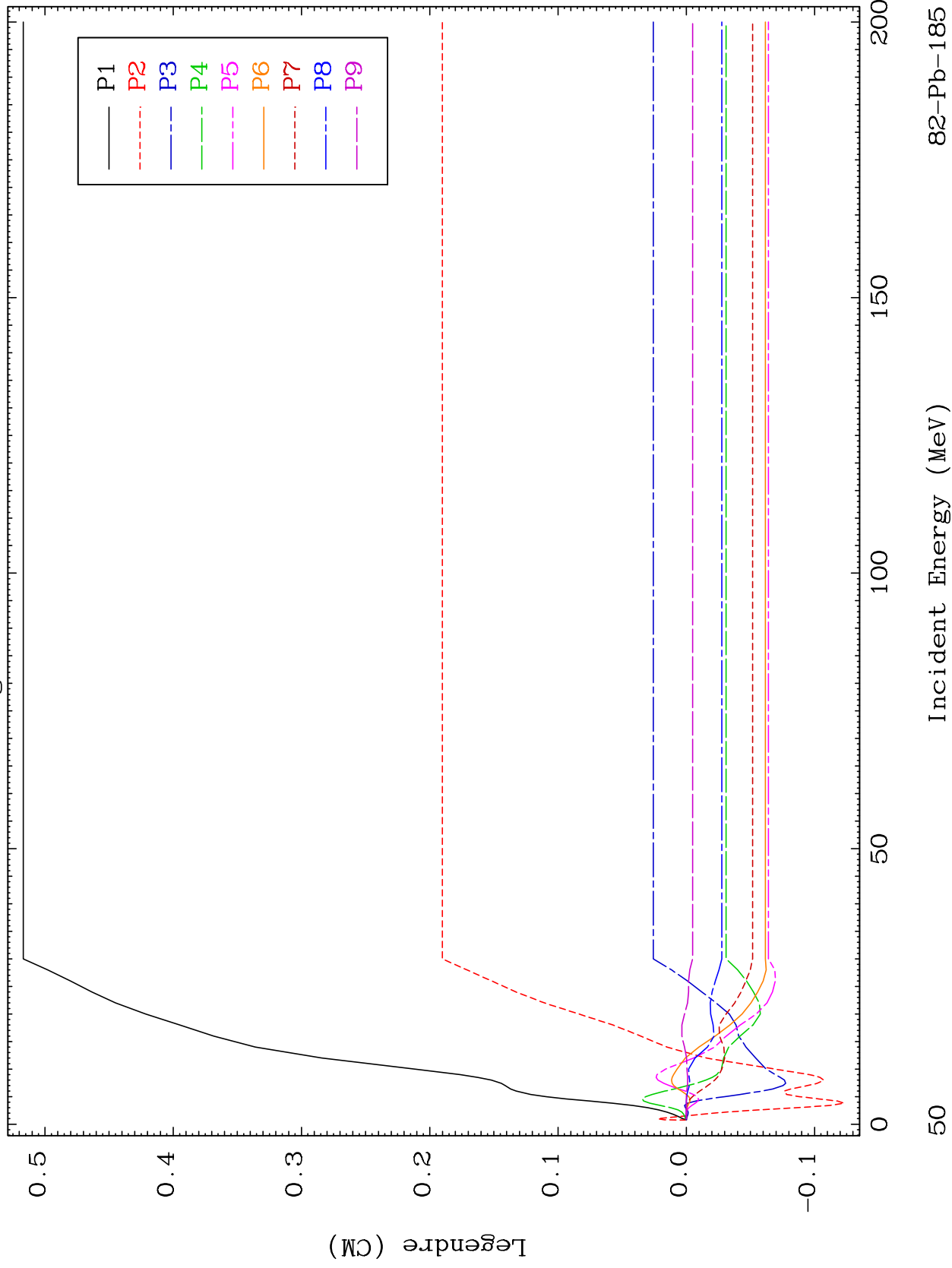
82-Pb-185



MAT 8168

743.3 keV (n,n') Level  
Legendre Coefficients

82-Pb-185

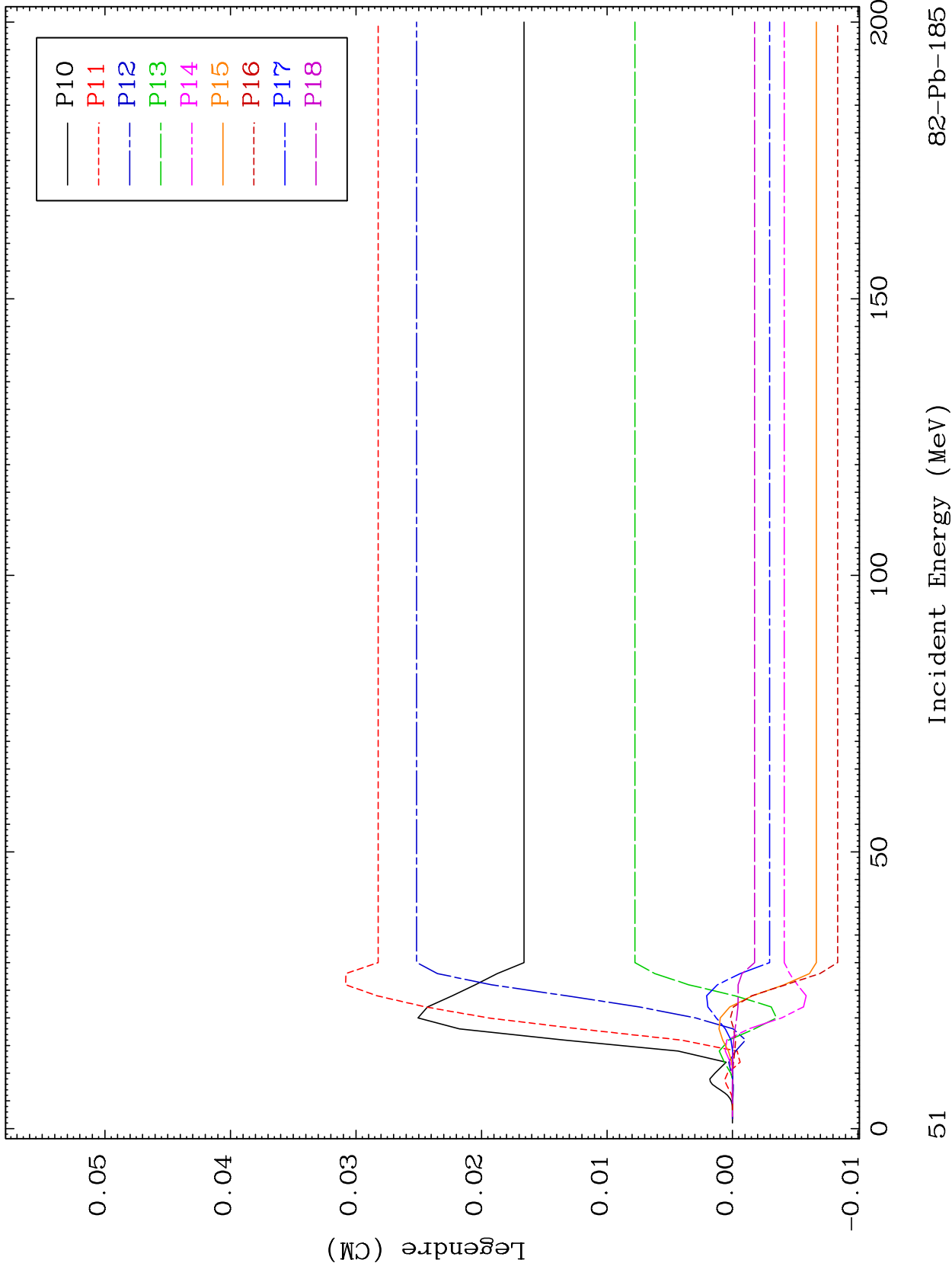


82-Pb-185

MAT 8168

743.3 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



51

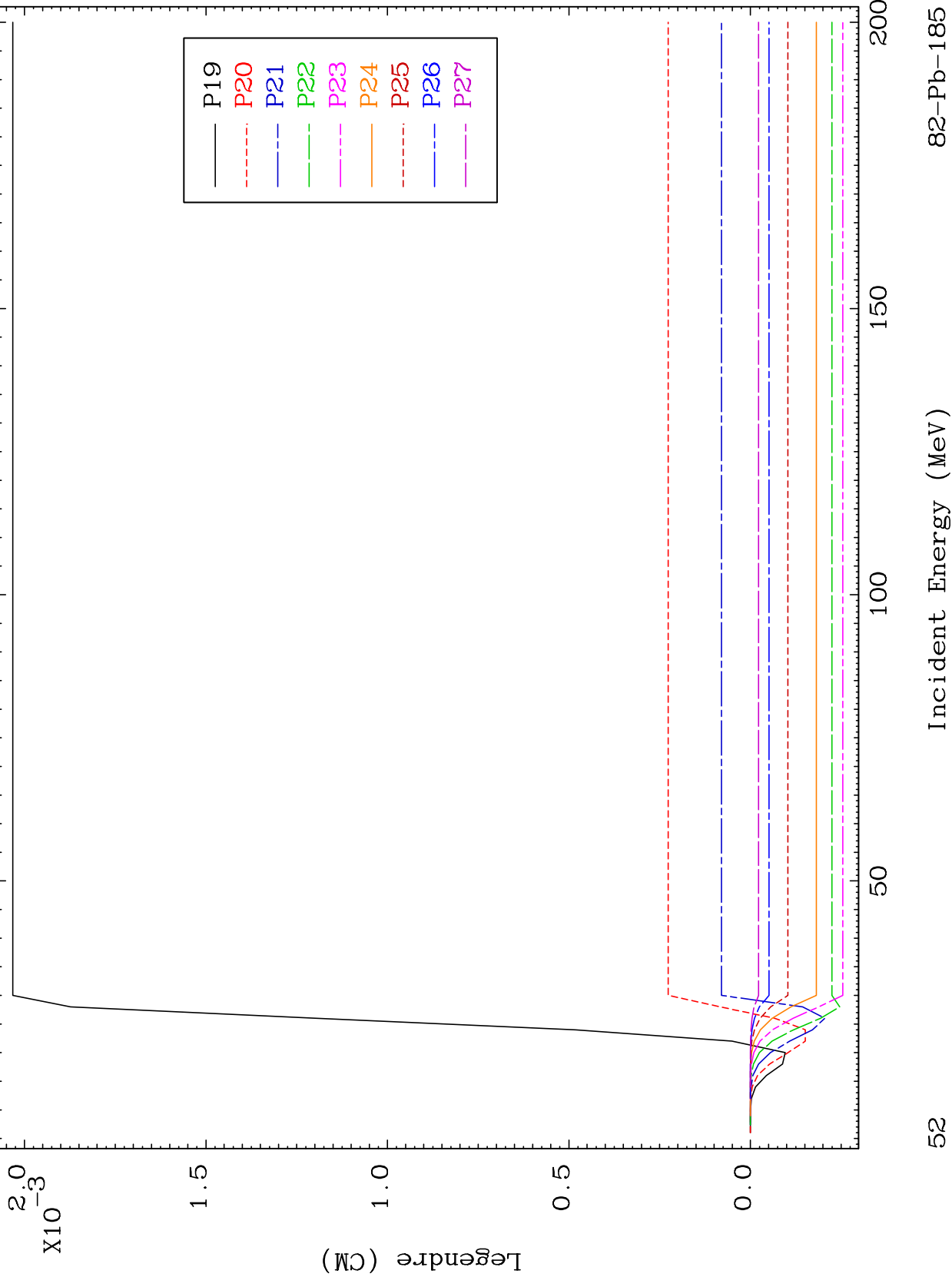
Incident Energy (MeV)

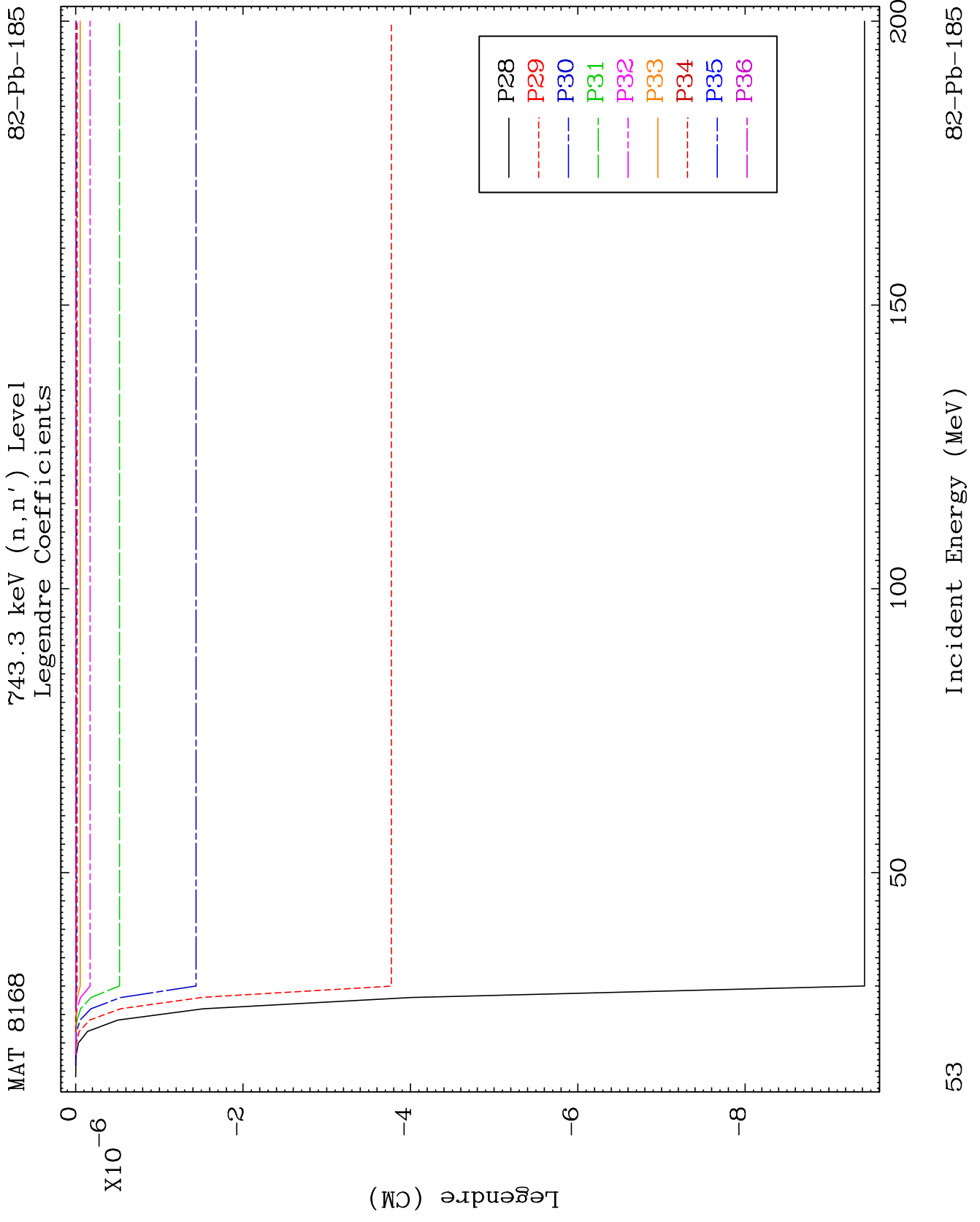
82-Pb-185

MAT 8168

743.3 keV (n,n') Level  
Legendre Coefficients

82-Pb-185

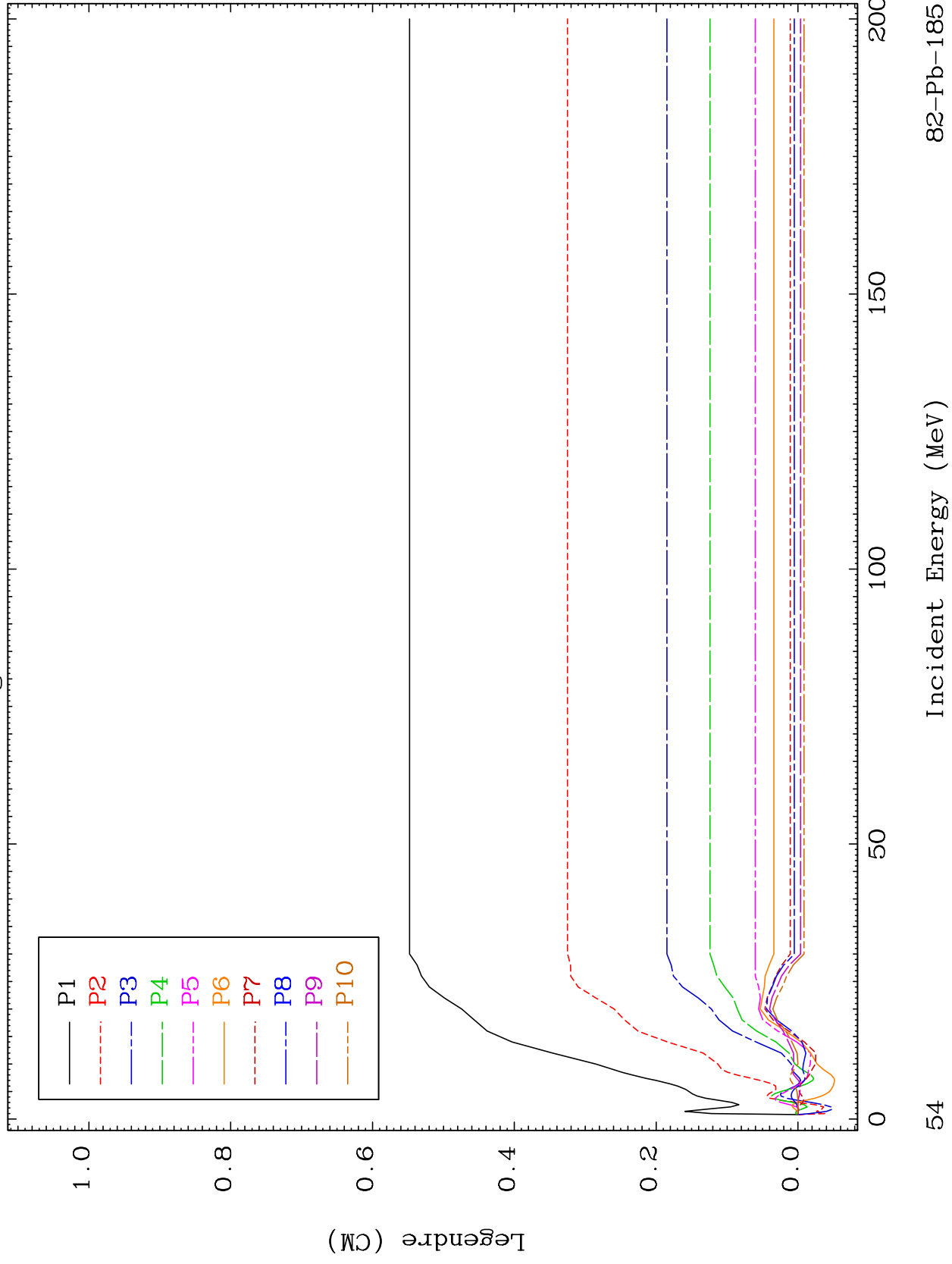


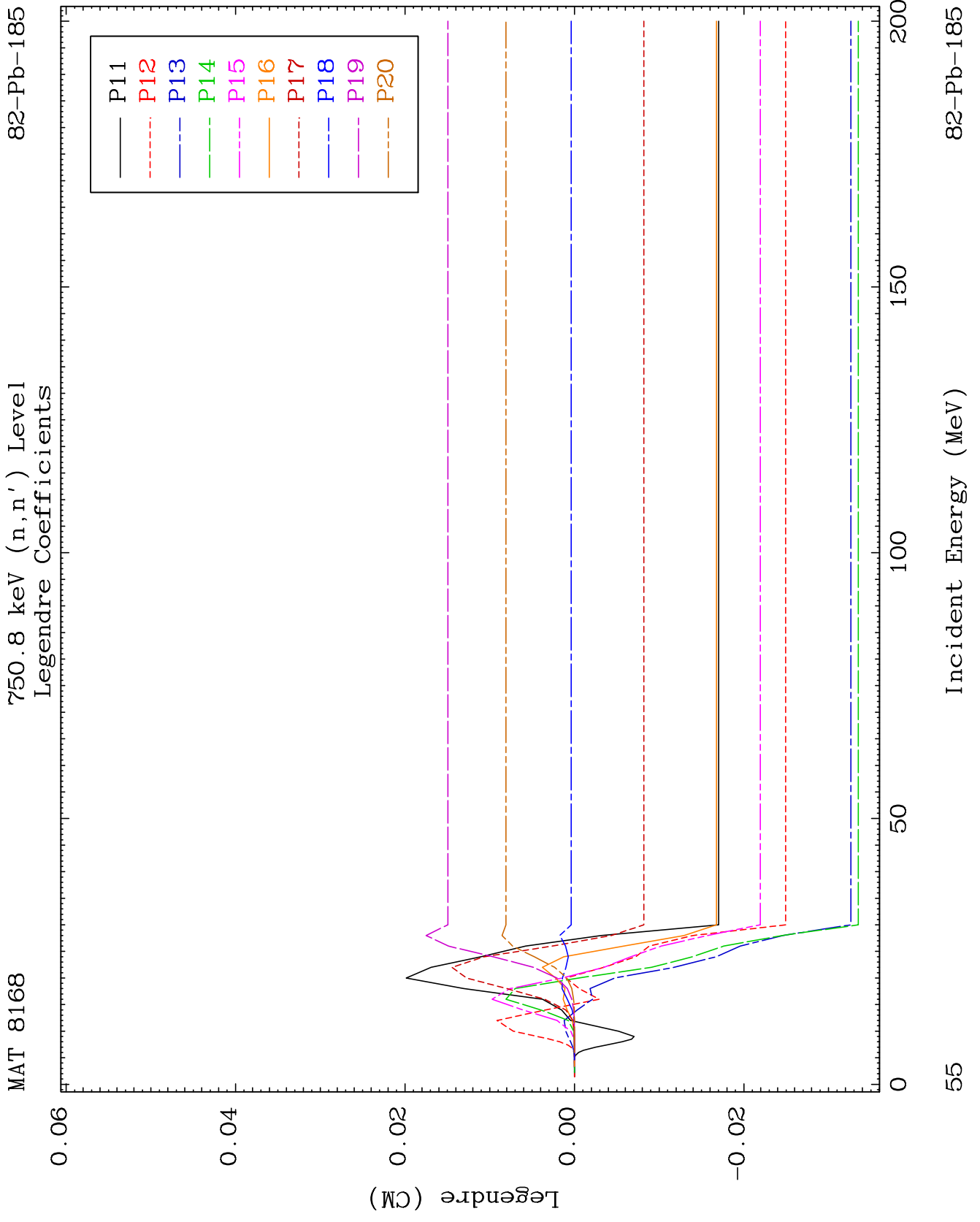


MAT 8168

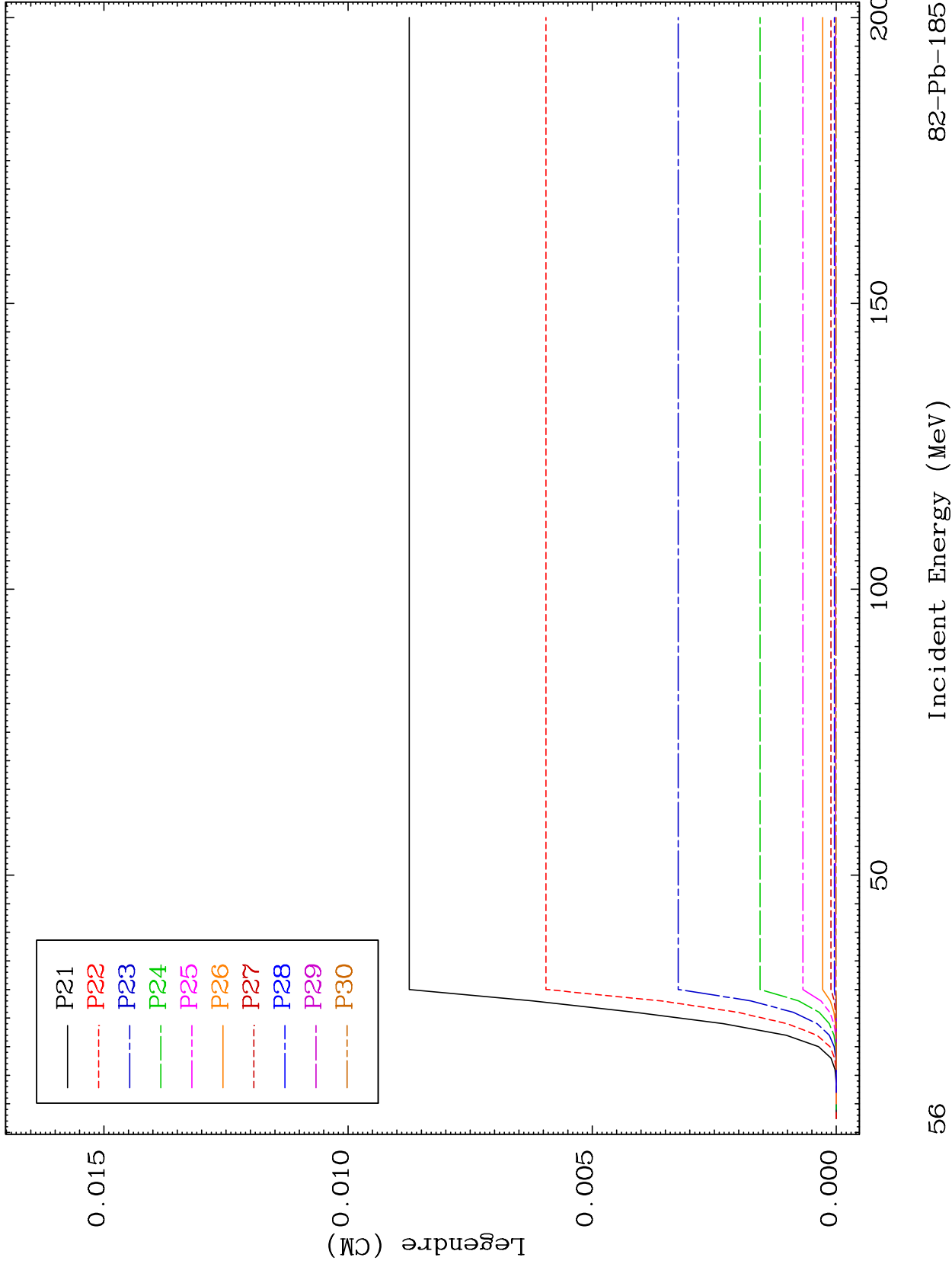
750.8 keV (n, n') Level  
Legendre Coefficients

82-Pb-185







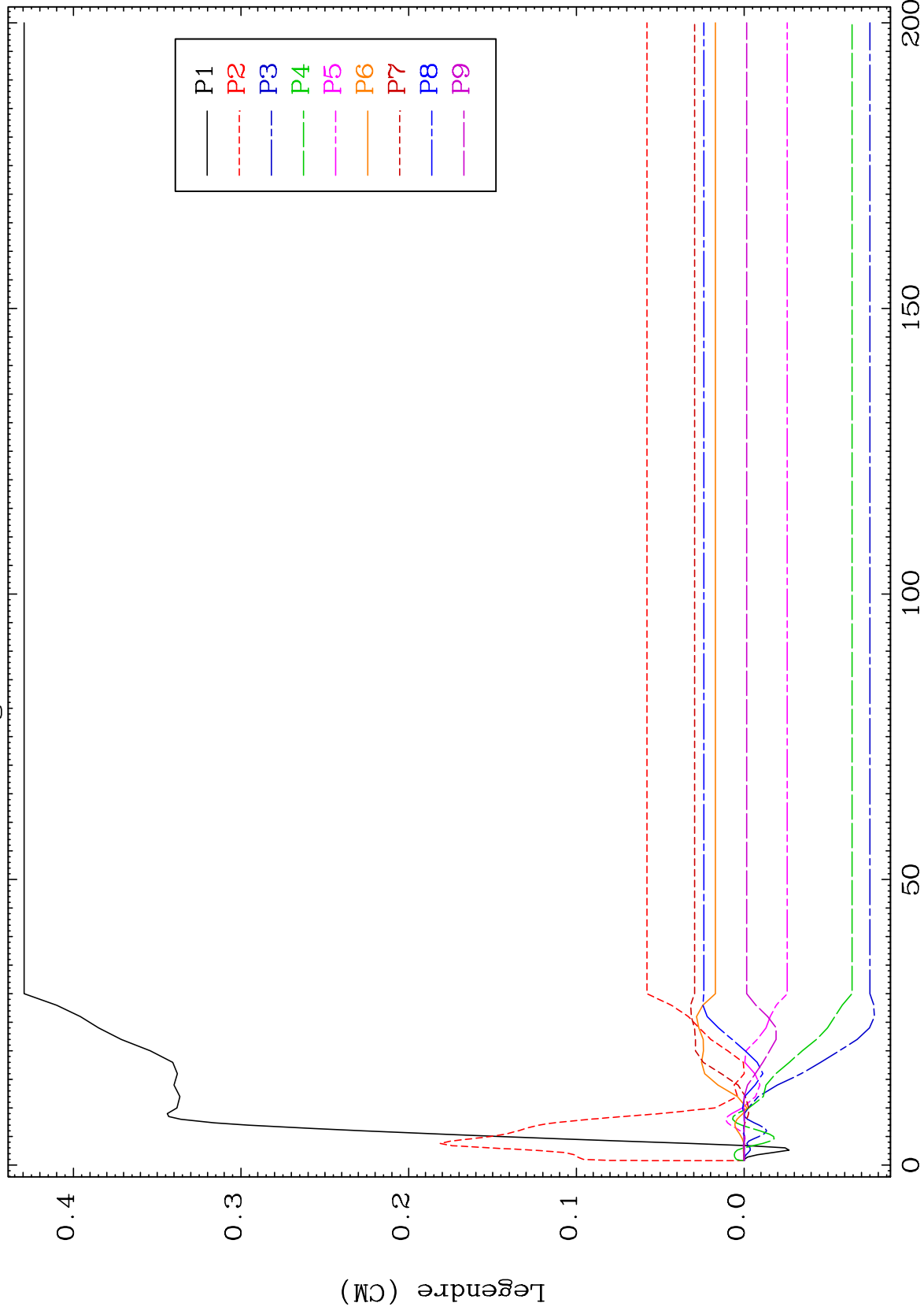




MAT 8168

757.2 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



58

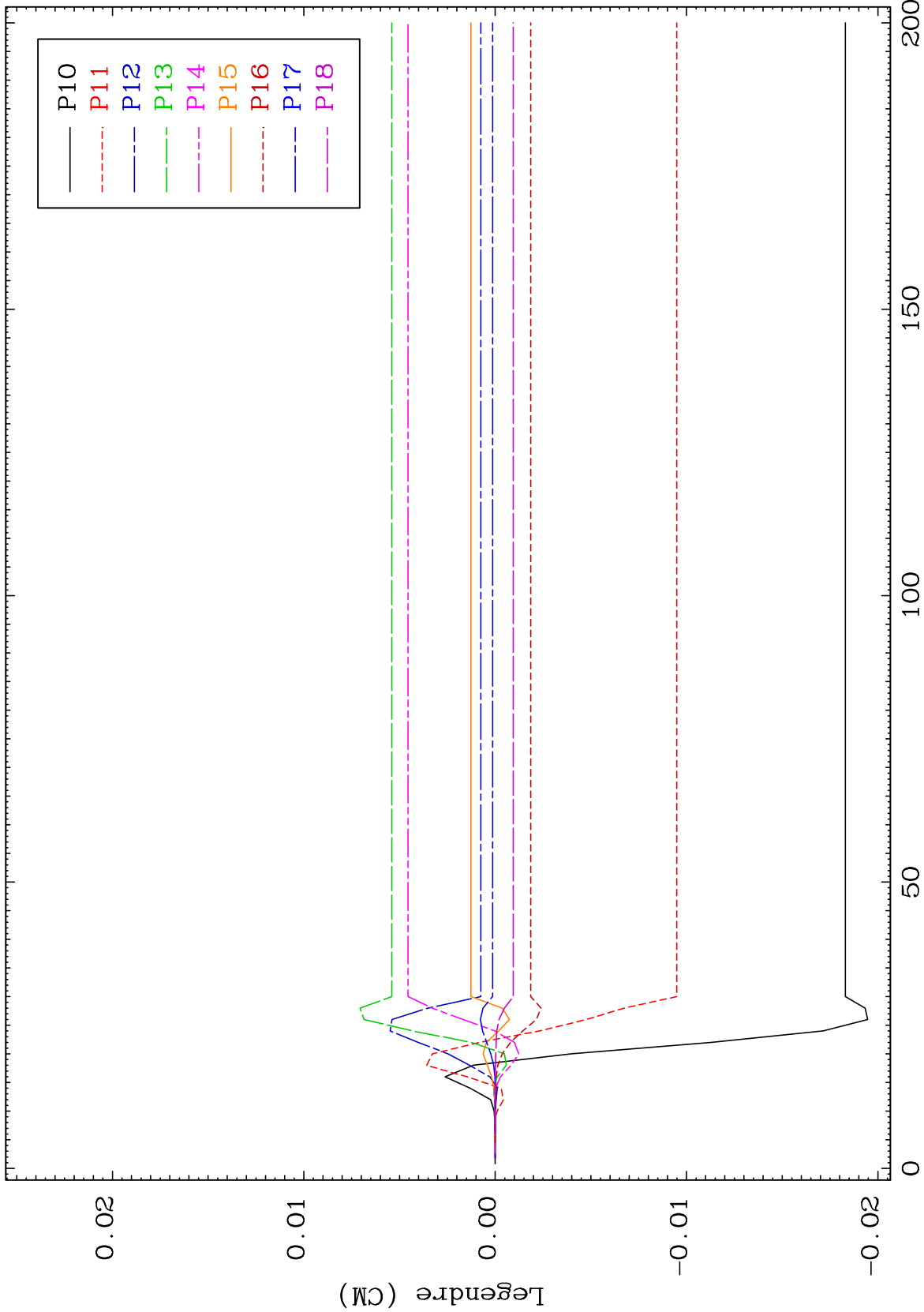
Incident Energy (MeV)

82-Pb-185

MAT 8168

757.2 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



59

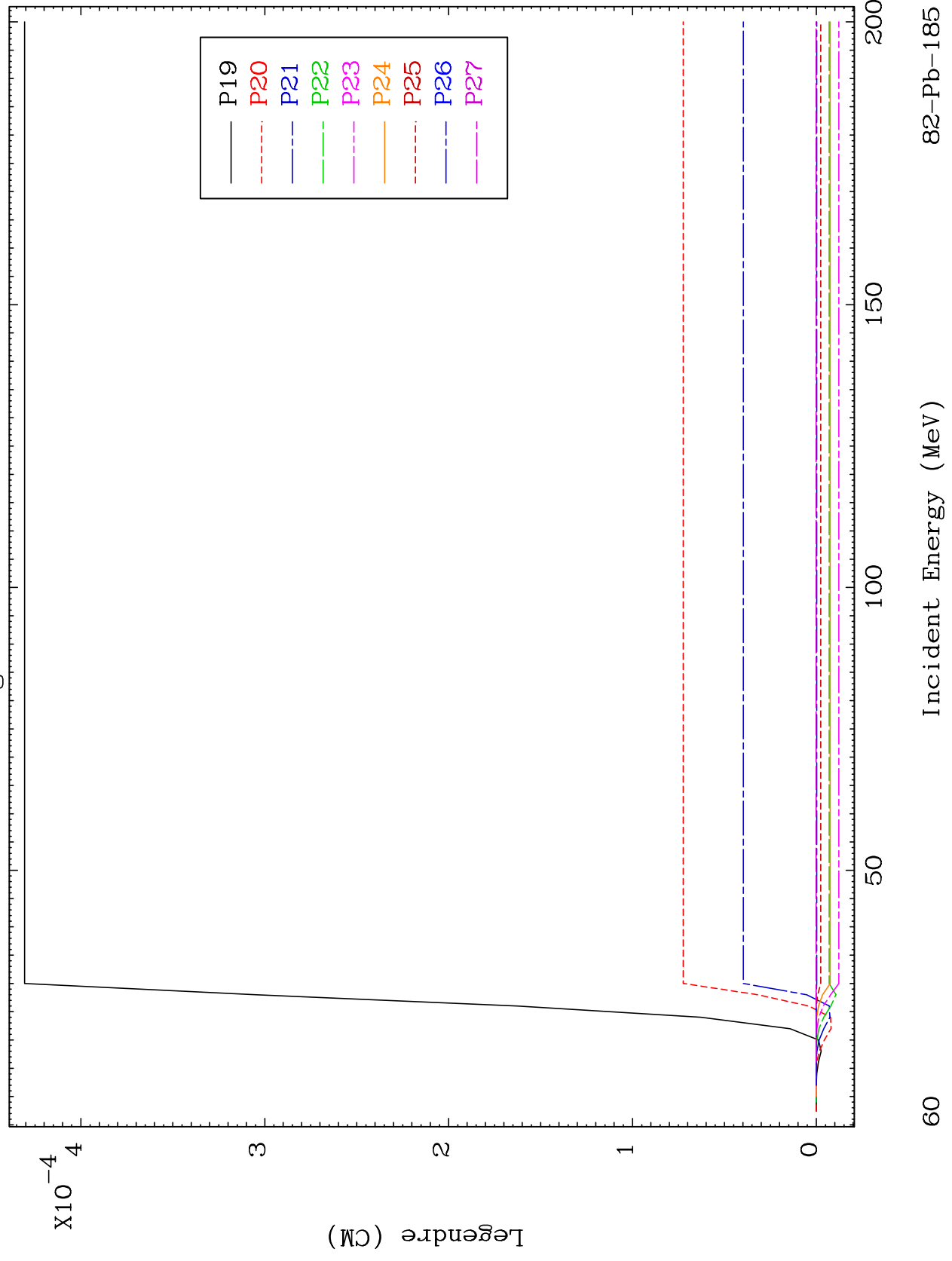
Incident Energy (MeV)

82-Pb-185

MAT 8168

757.2 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



60

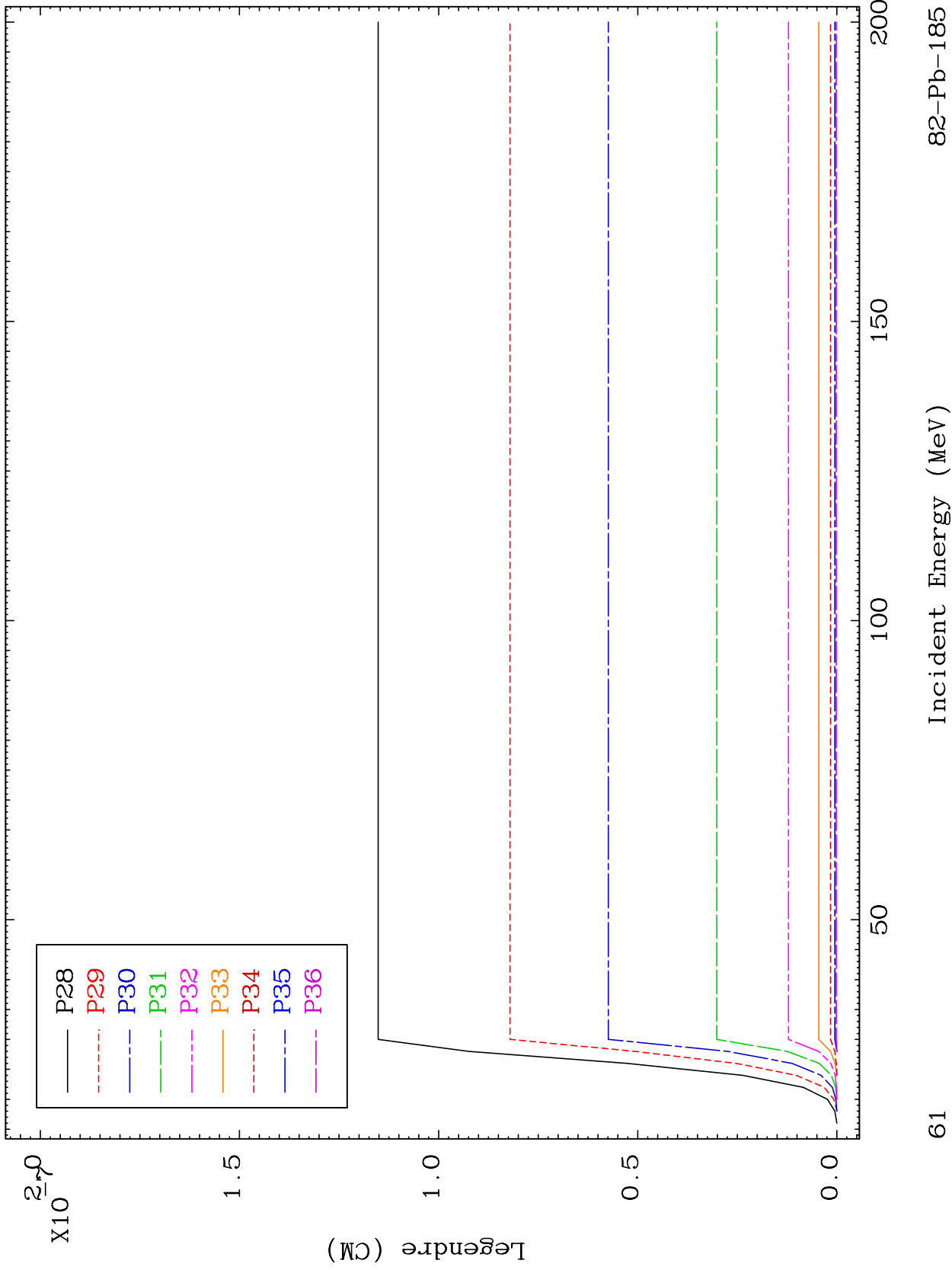
Incident Energy (MeV)

82-Pb-185

MAT 8168

757.2 keV (n, n') Level  
Legendre Coefficients

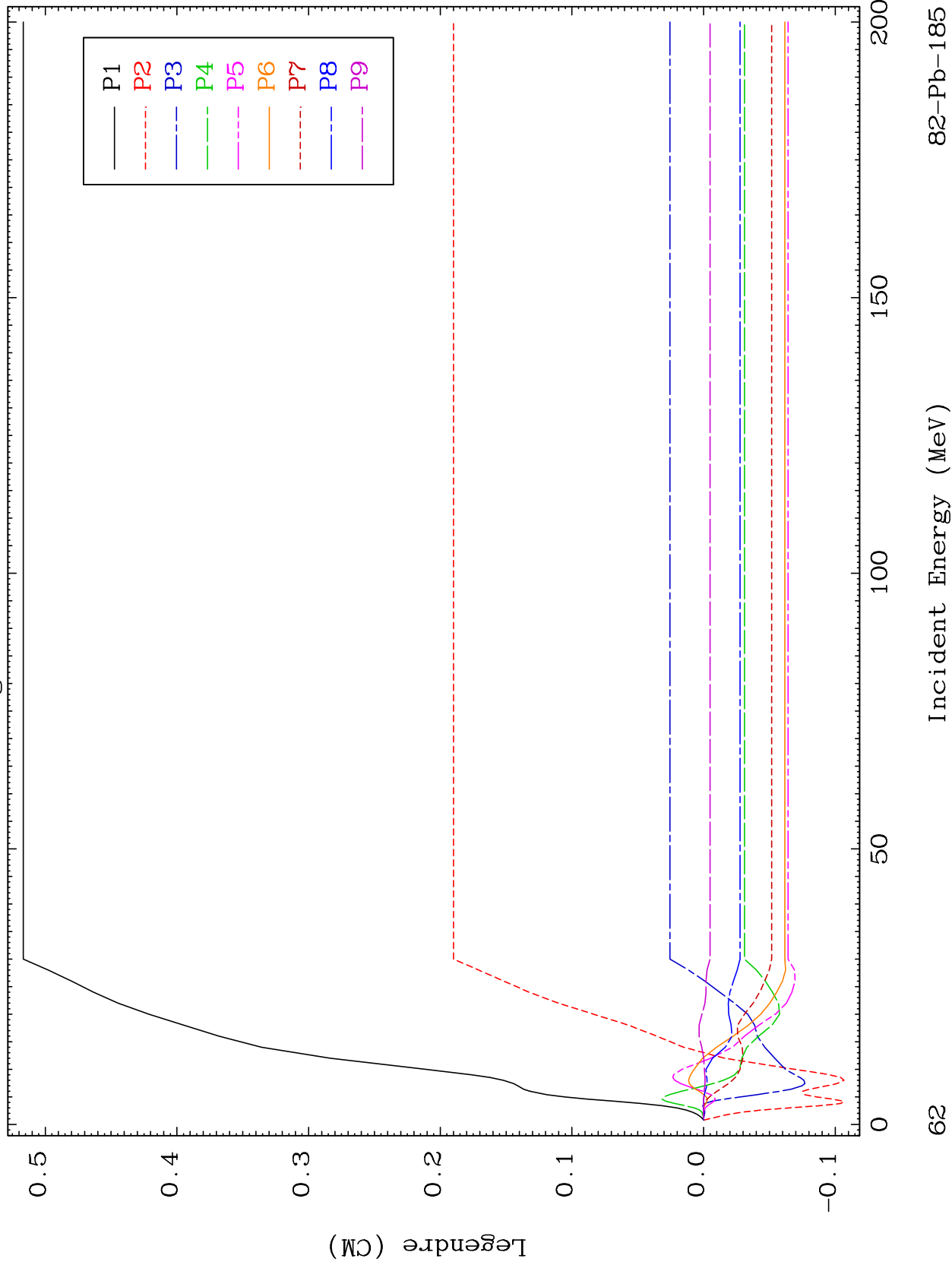
82-Pb-185



MAT 8168

780.0 keV (n,n') Level  
Legendre Coefficients

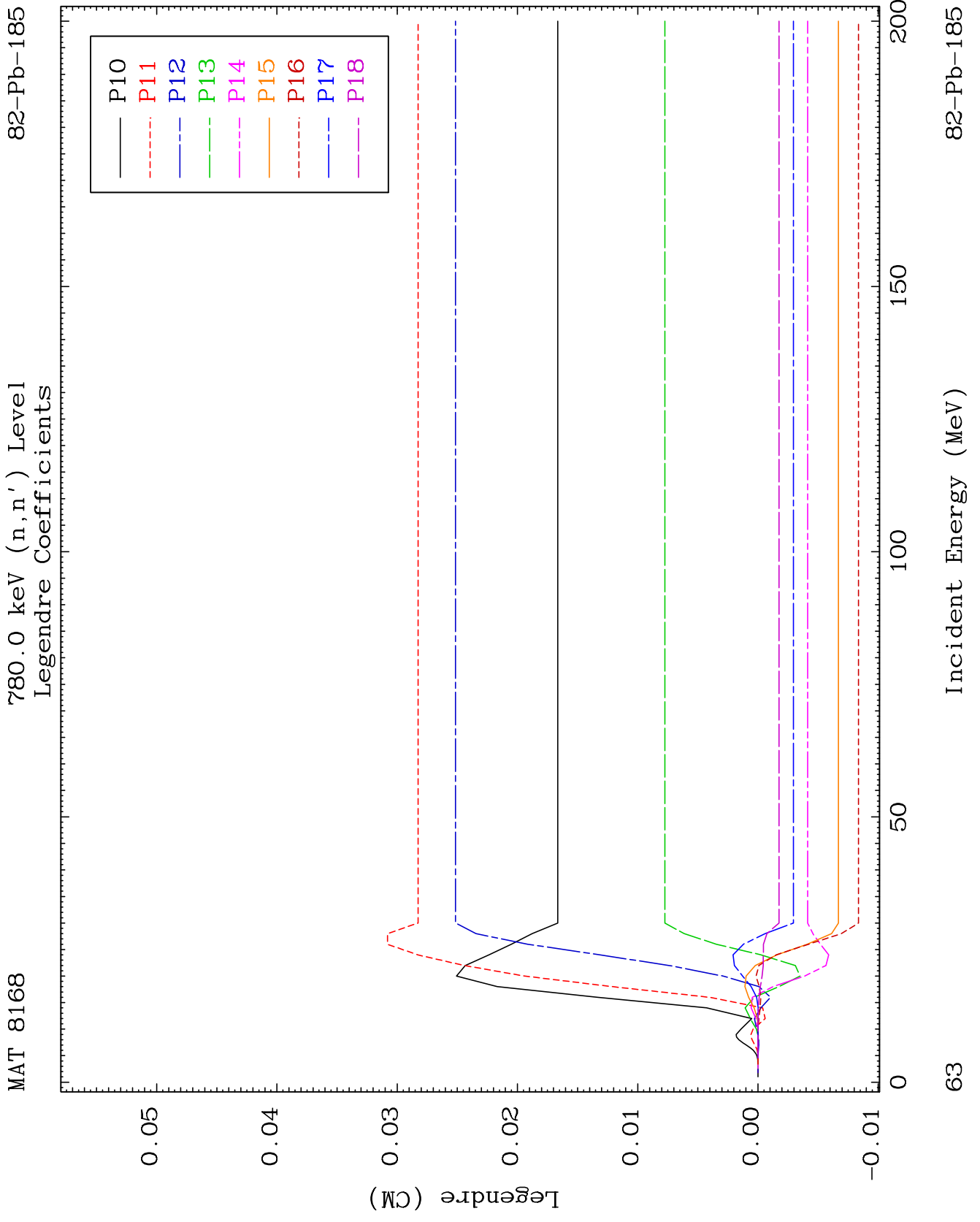
82-Pb-185



82-Pb-185

Incident Energy (MeV)

62

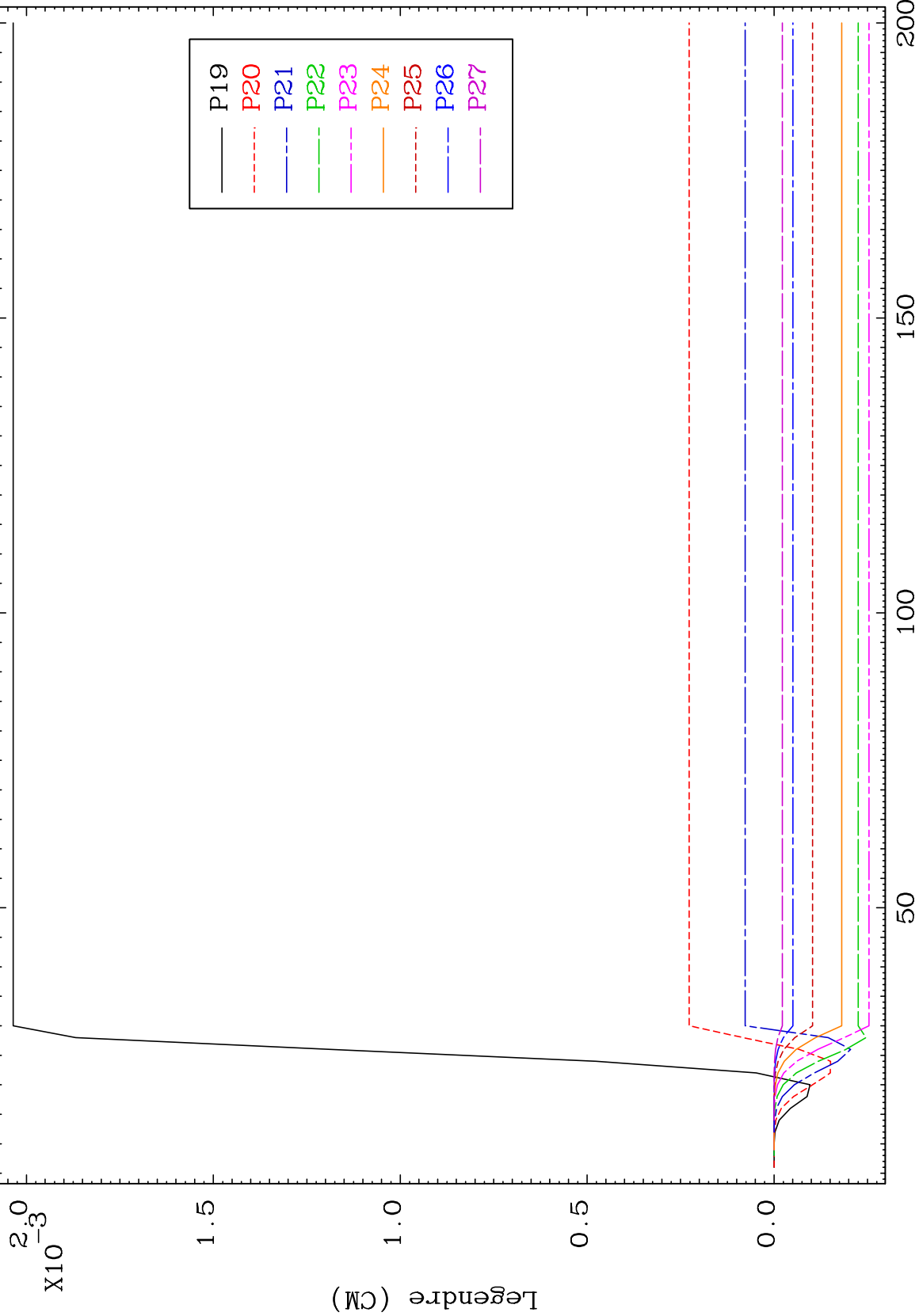




MAT 8168

780.0 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



64

Incident Energy (MeV)

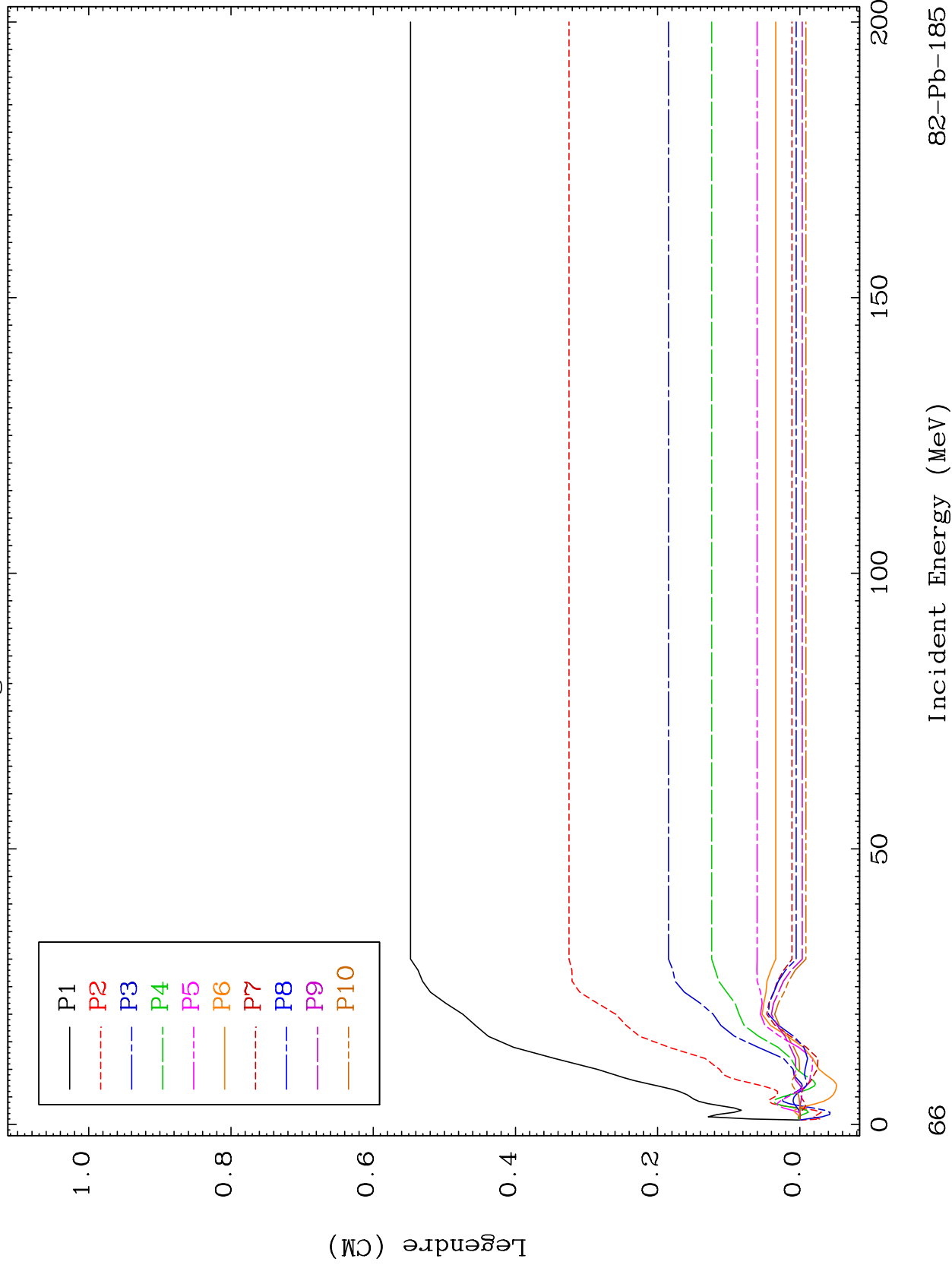
82-Pb-185



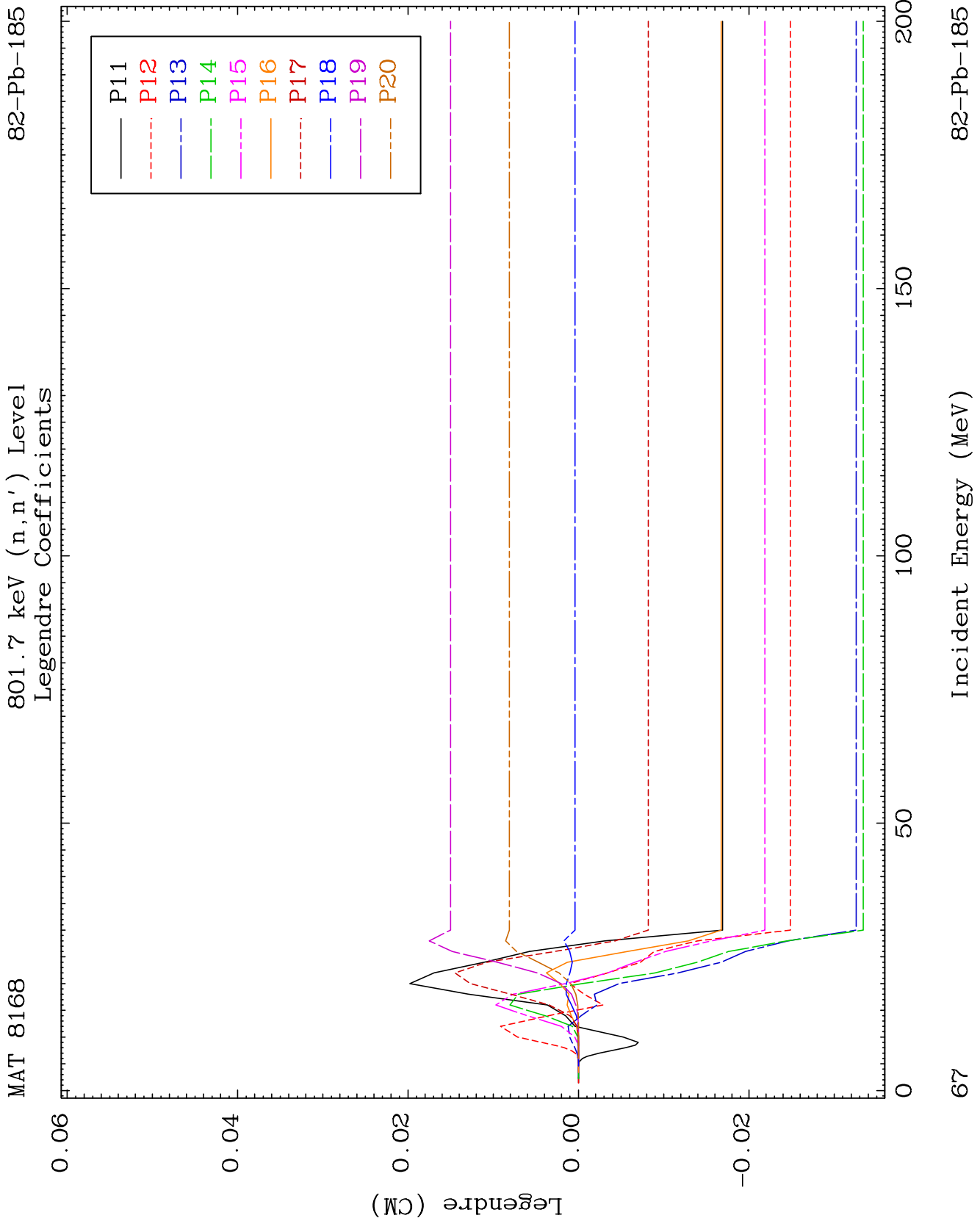
MAT 8168

801.7 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



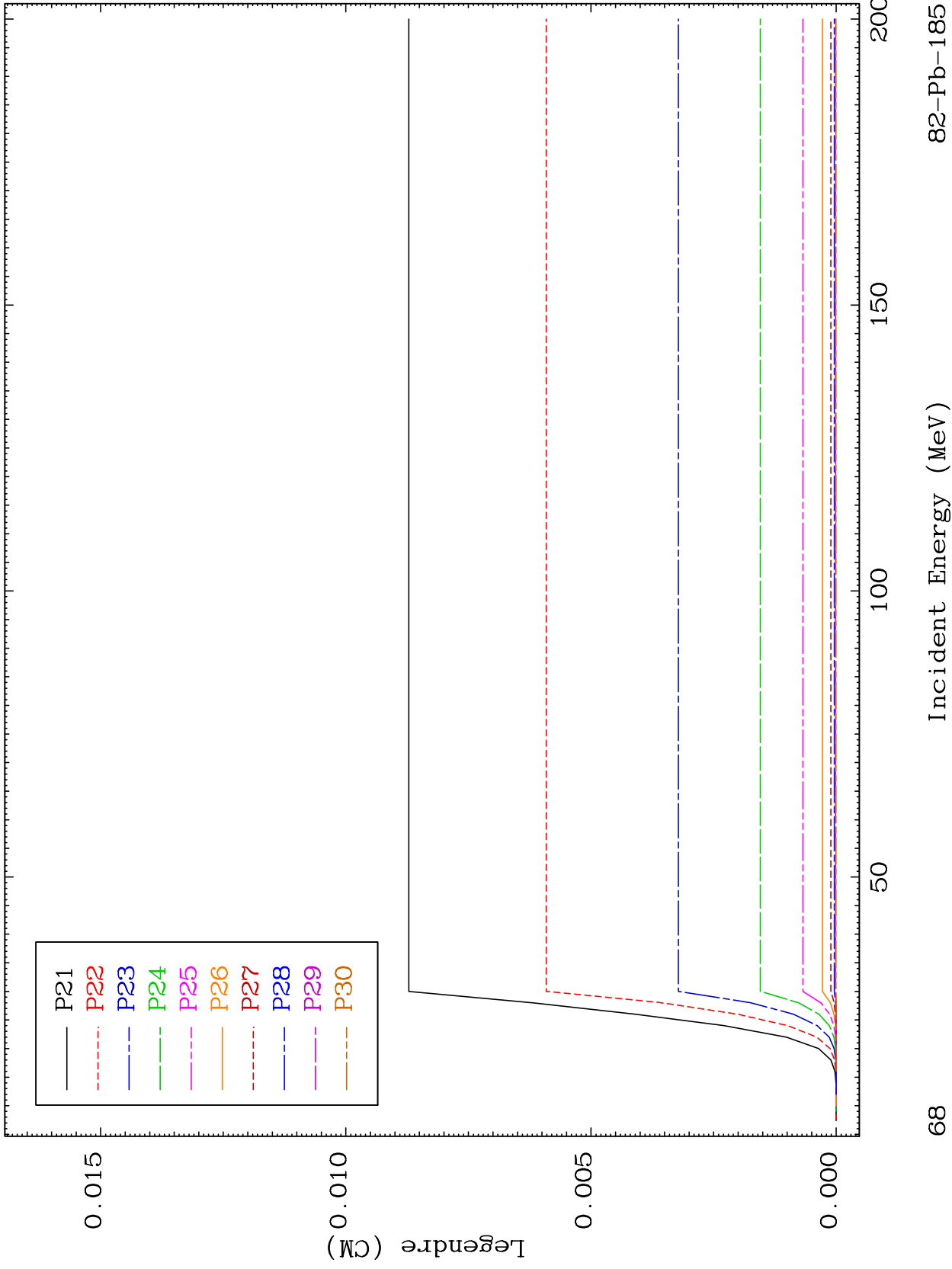
66



MAT 8168

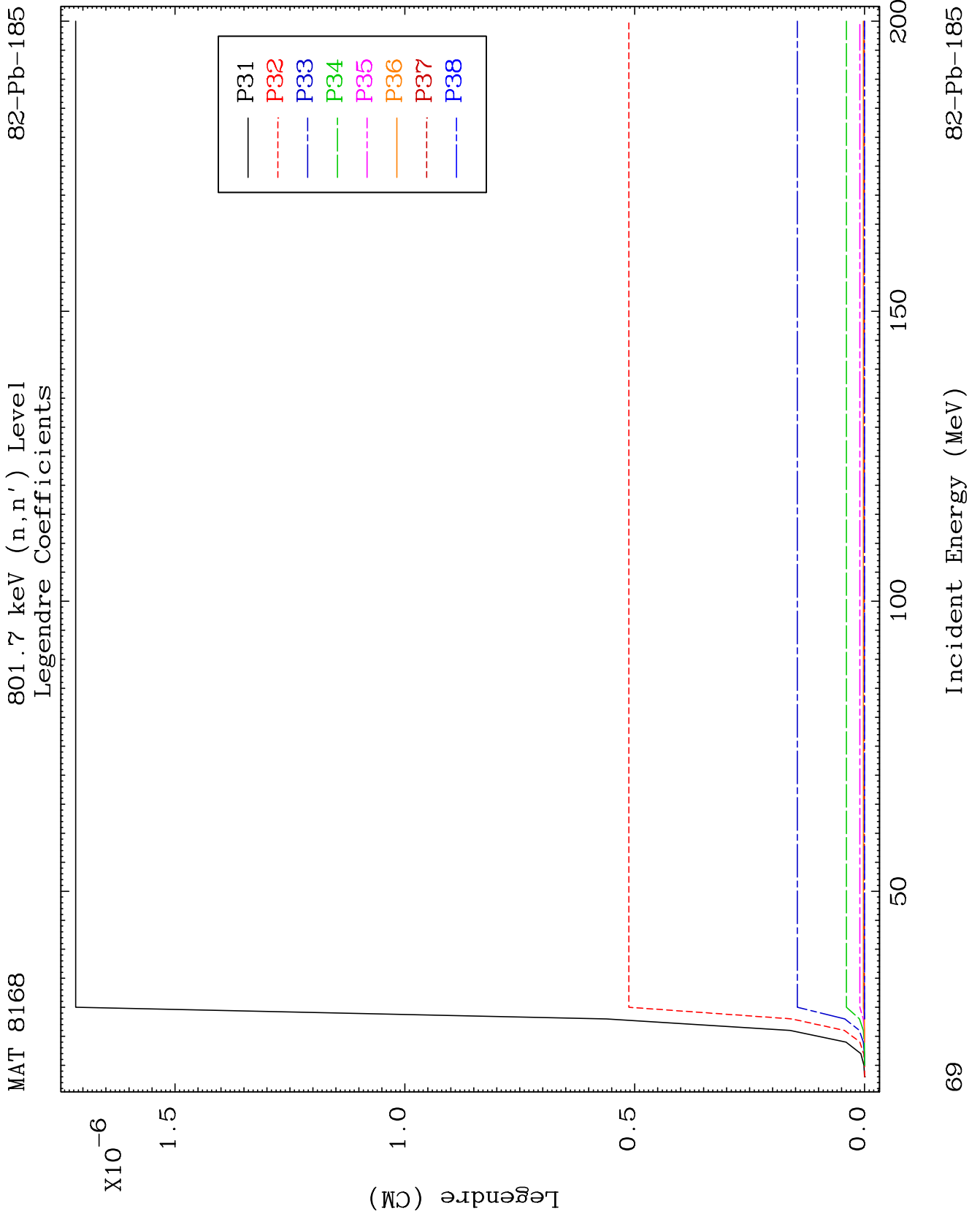
801.7 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



68

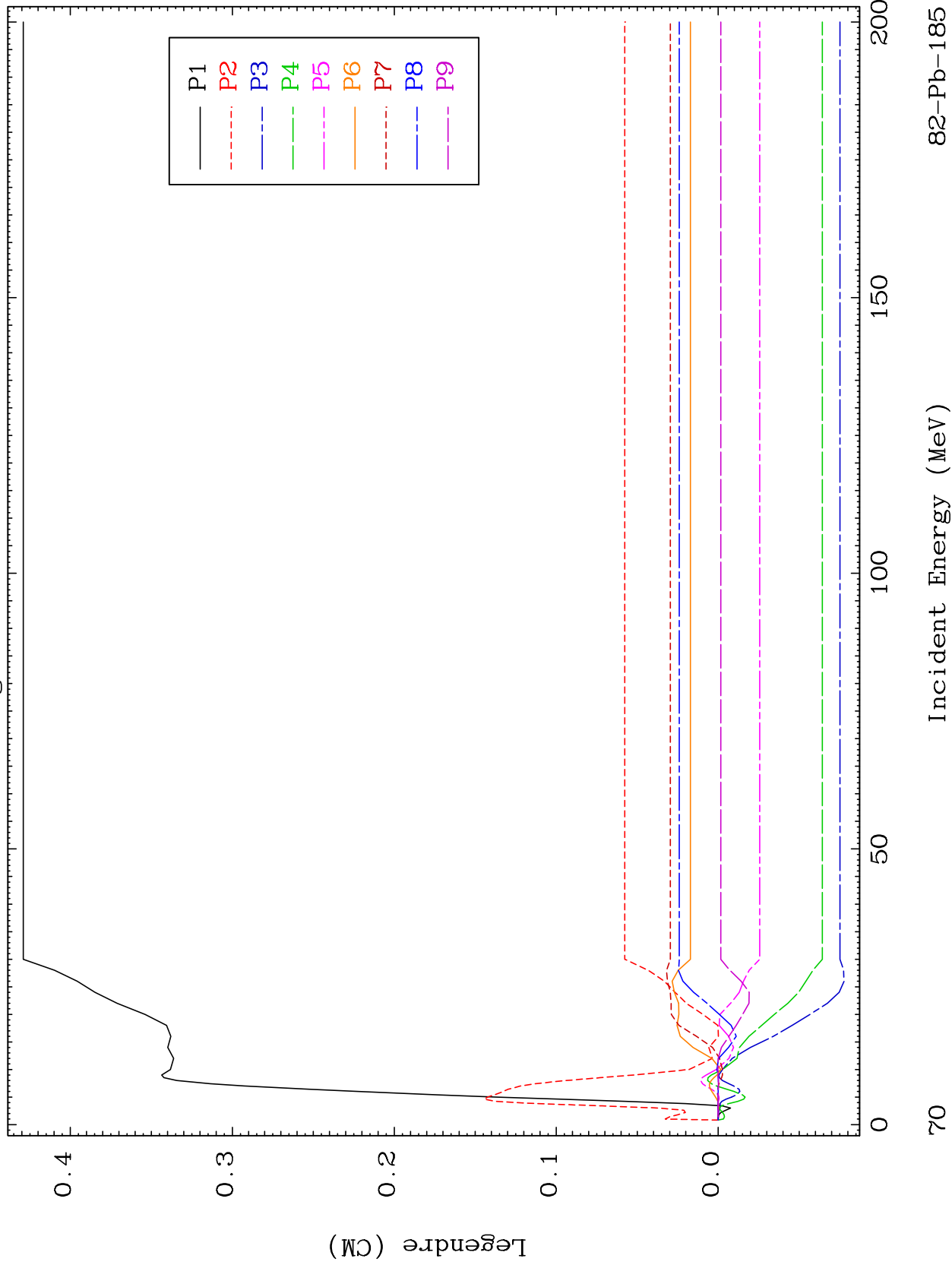
82-Pb-185



MAT 8168

813.4 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



82-Pb-185

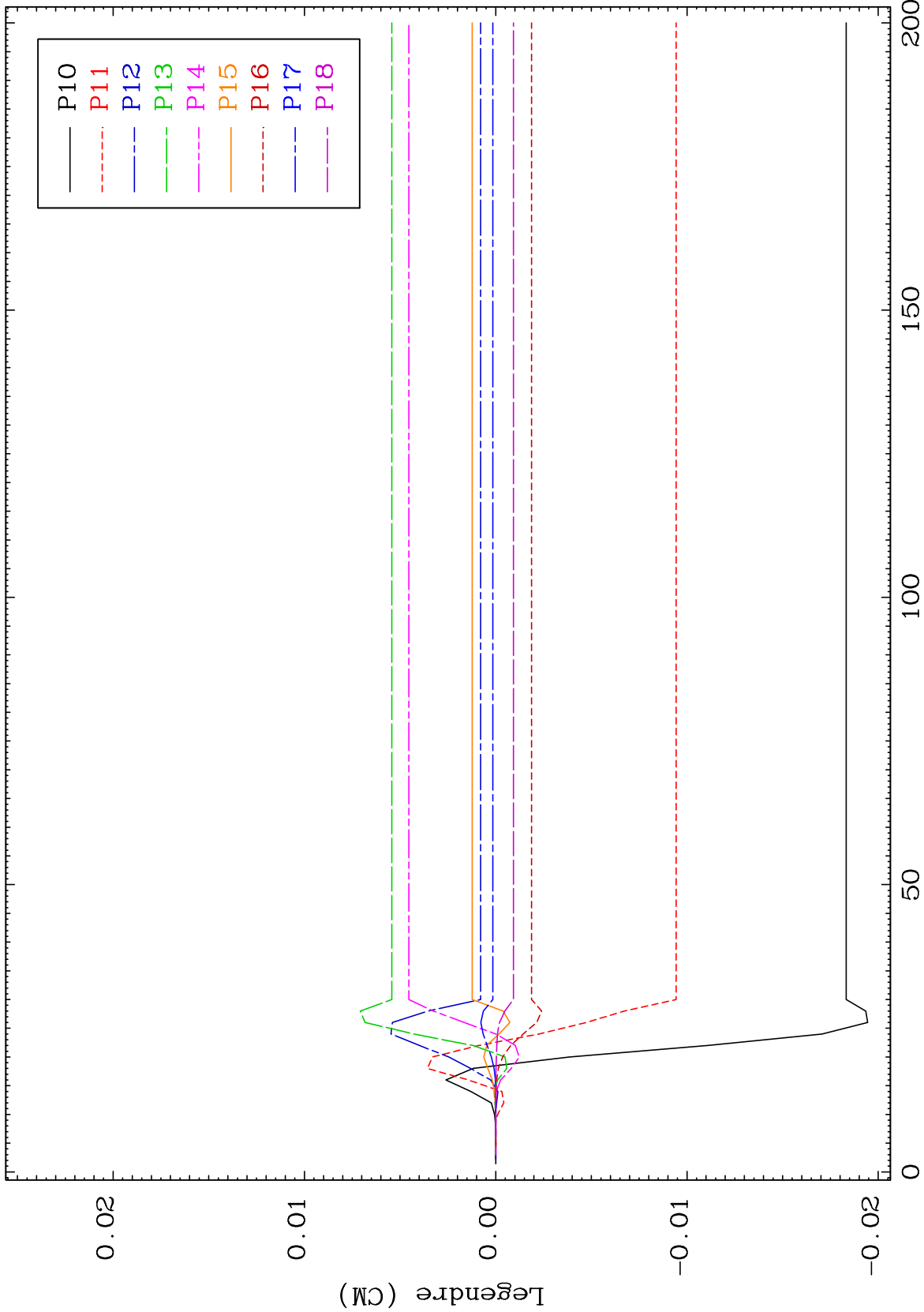
Incident Energy (MeV)

70

MAT 8168

813.4 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



71

Incident Energy (MeV)

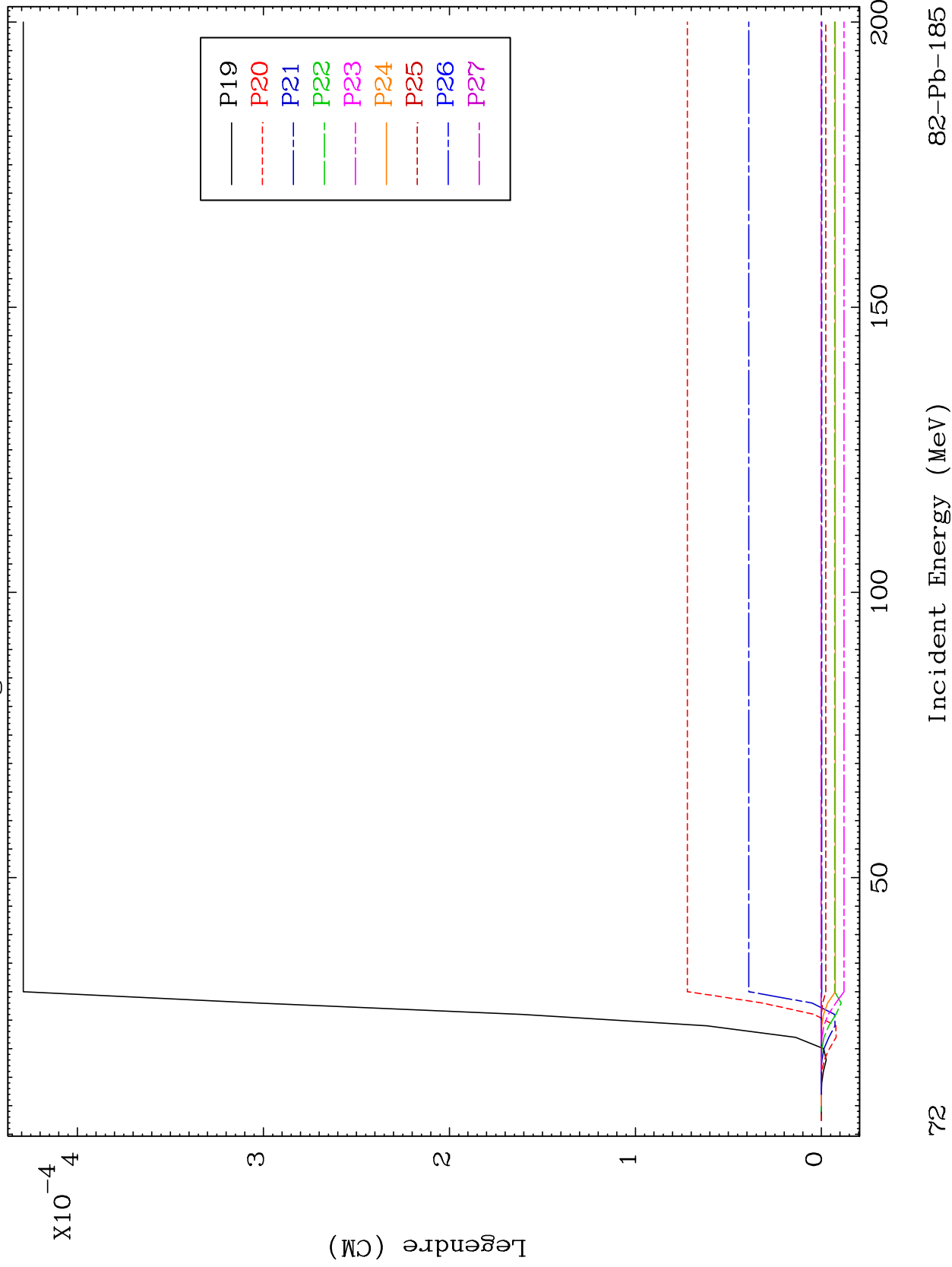
82-Pb-185



MAT 8168

813.4 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



72

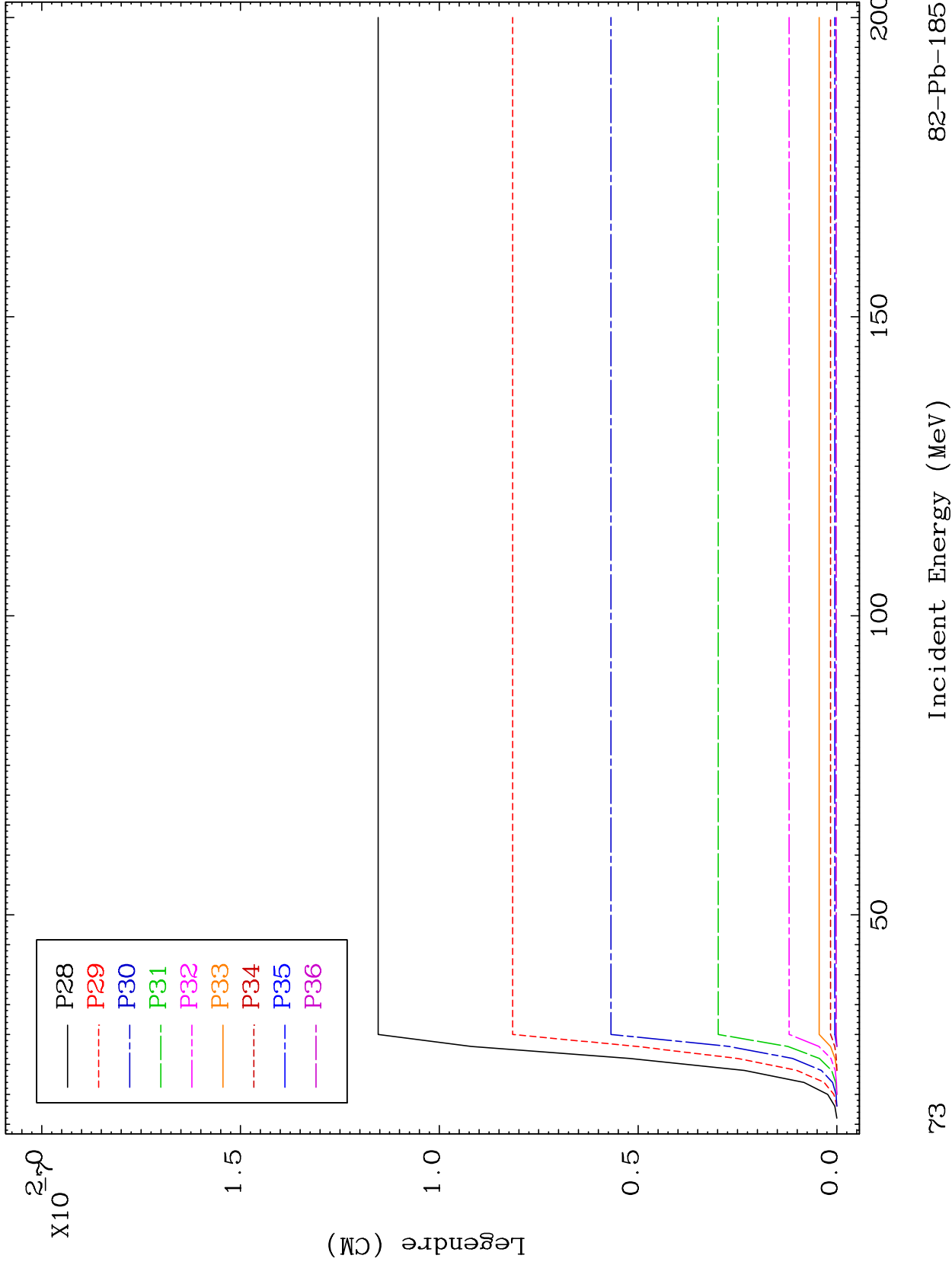
Incident Energy (MeV)

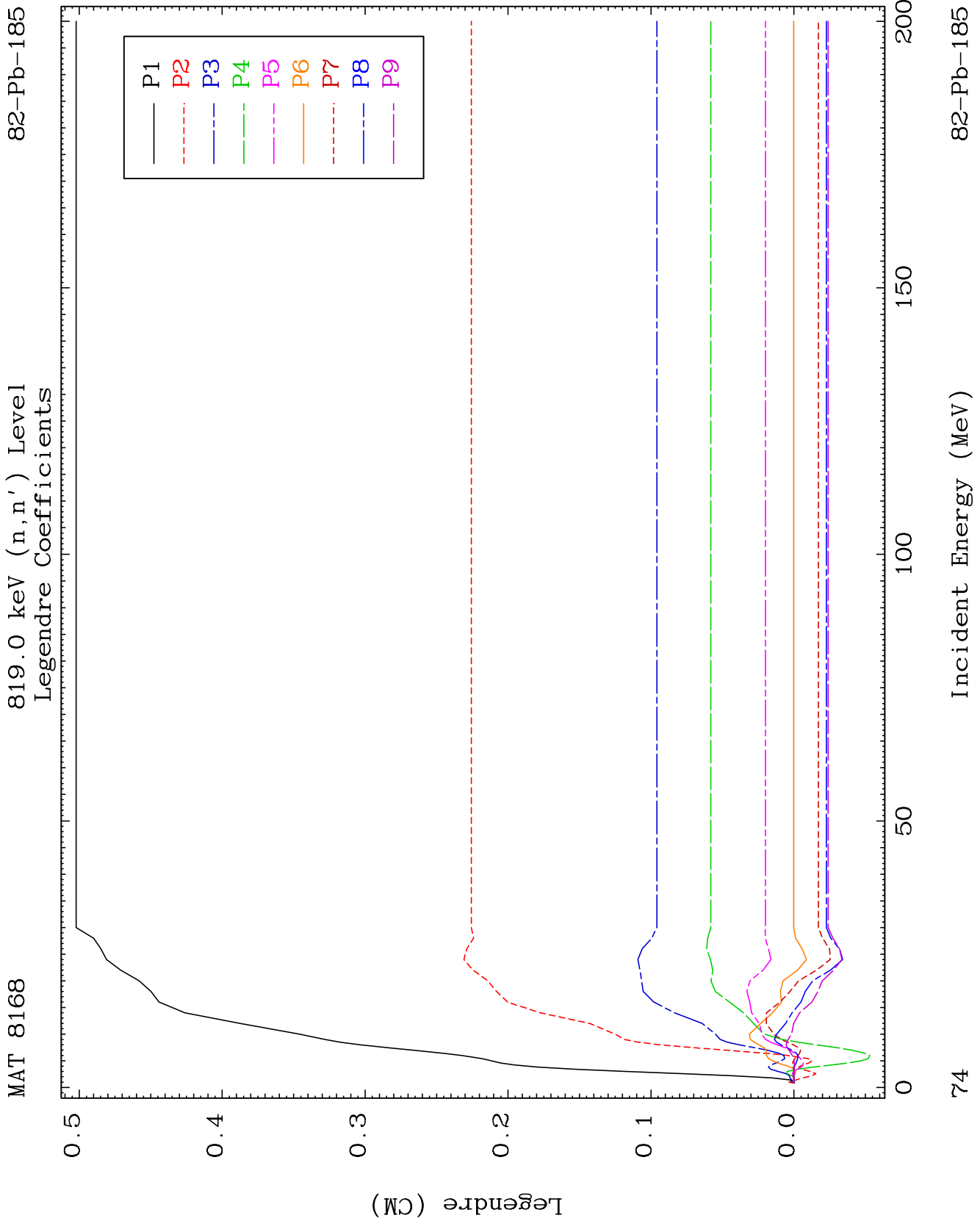
82-Pb-185

MAT 81688

813.4 keV (n,n') Level  
Legendre Coefficients

82-Pb-185

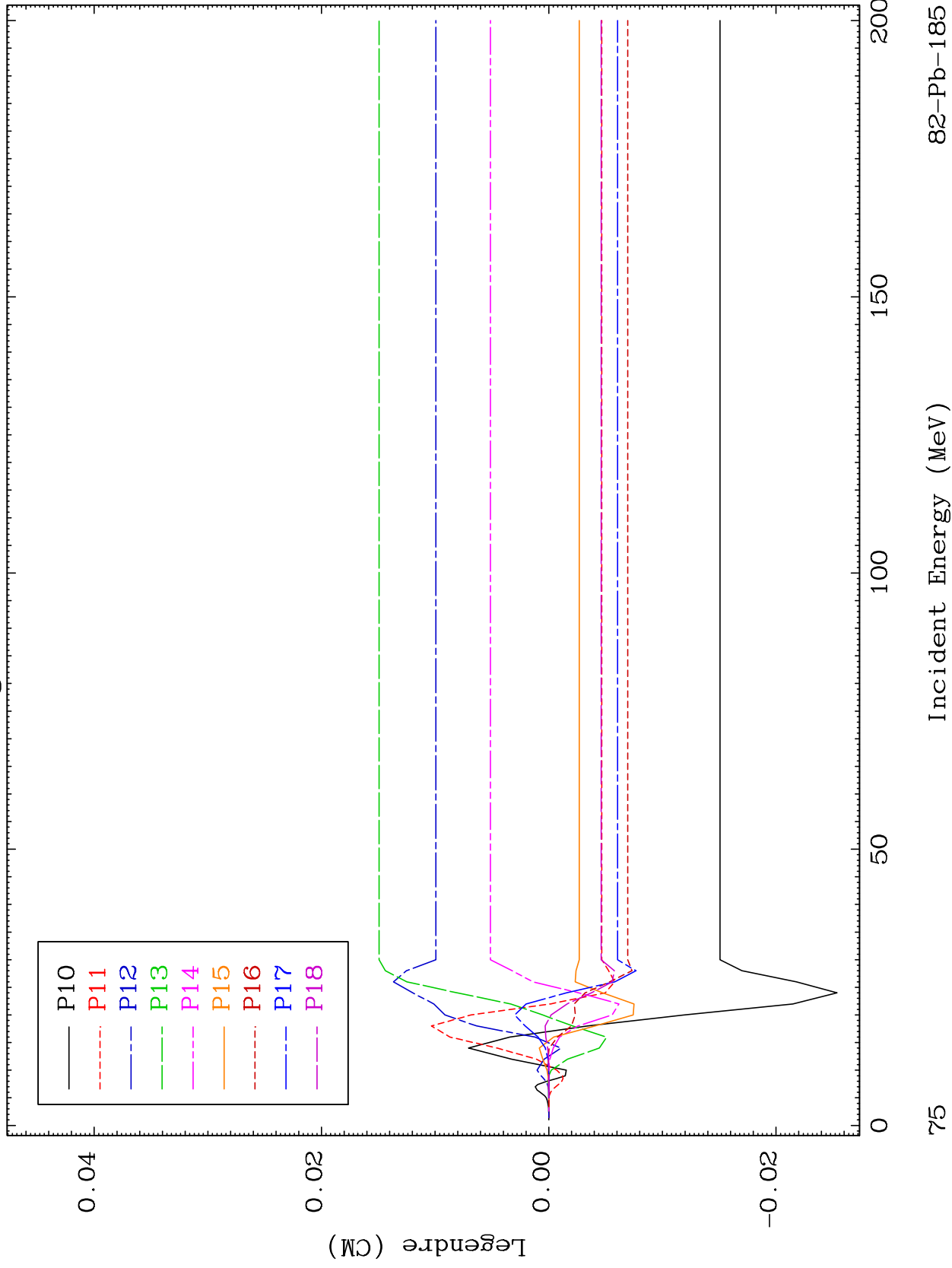




MAT 8168

819.0 keV (n,n') Level  
Legendre Coefficients

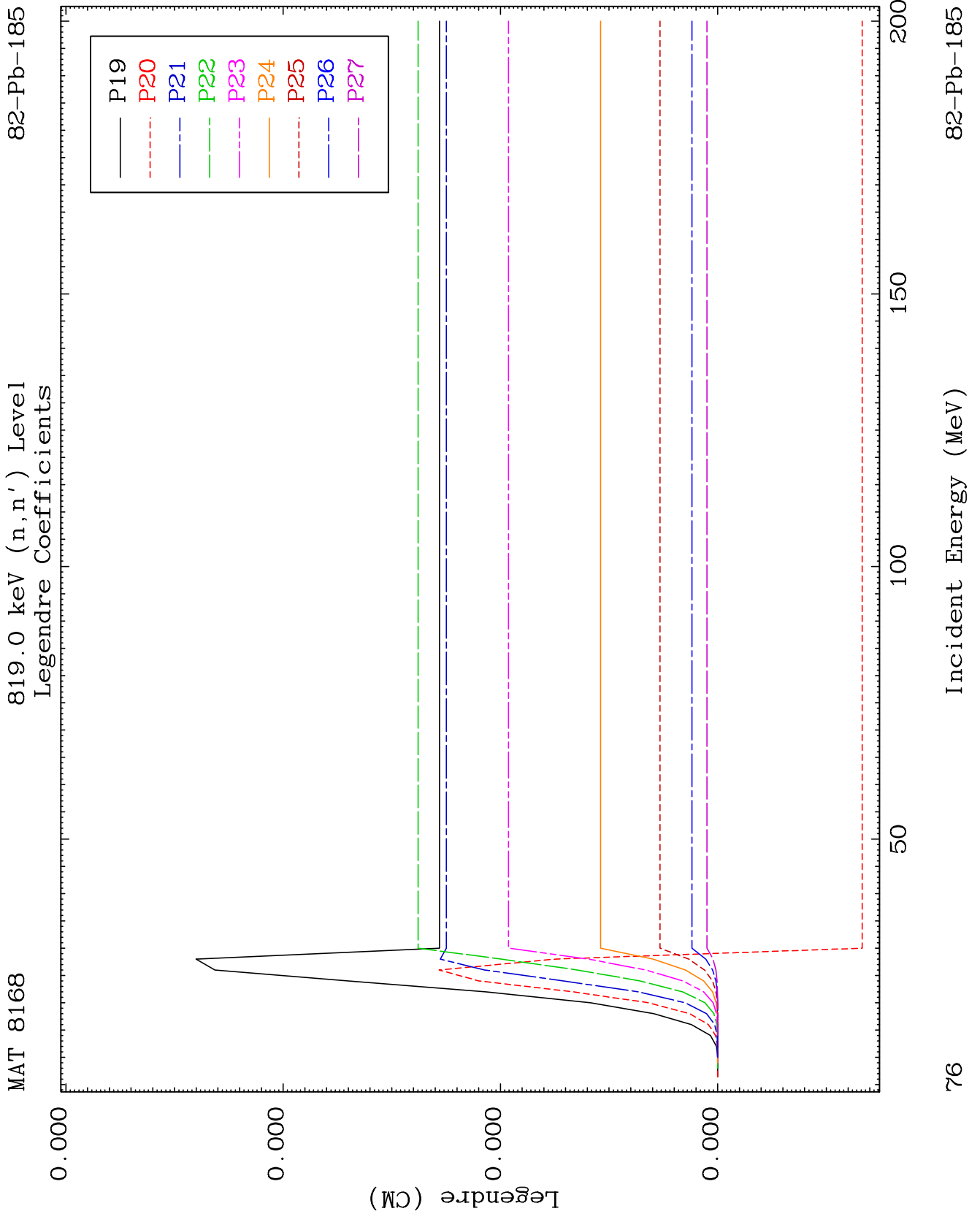
82-Pb-185

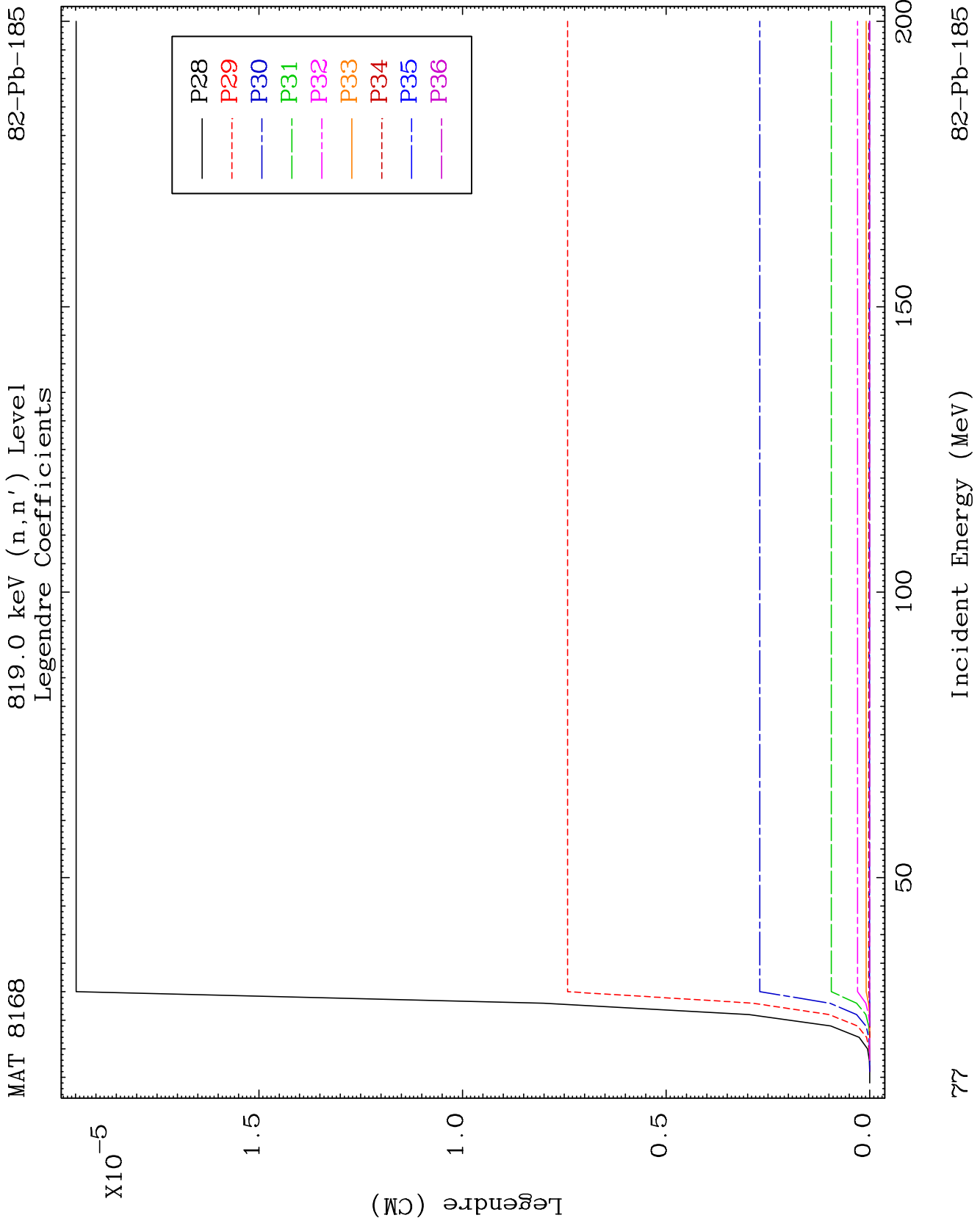


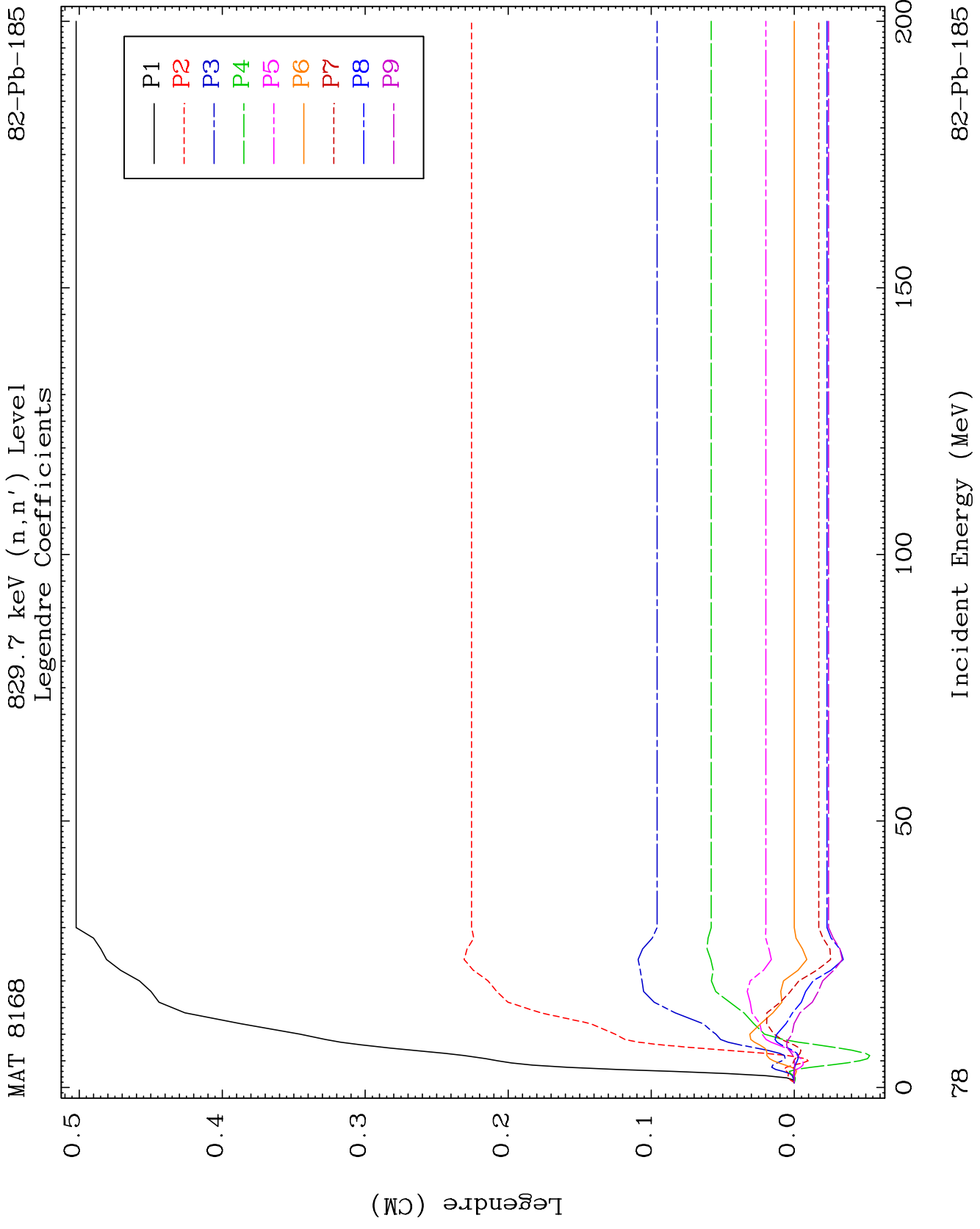
82-Pb-185

Incident Energy (MeV)

75



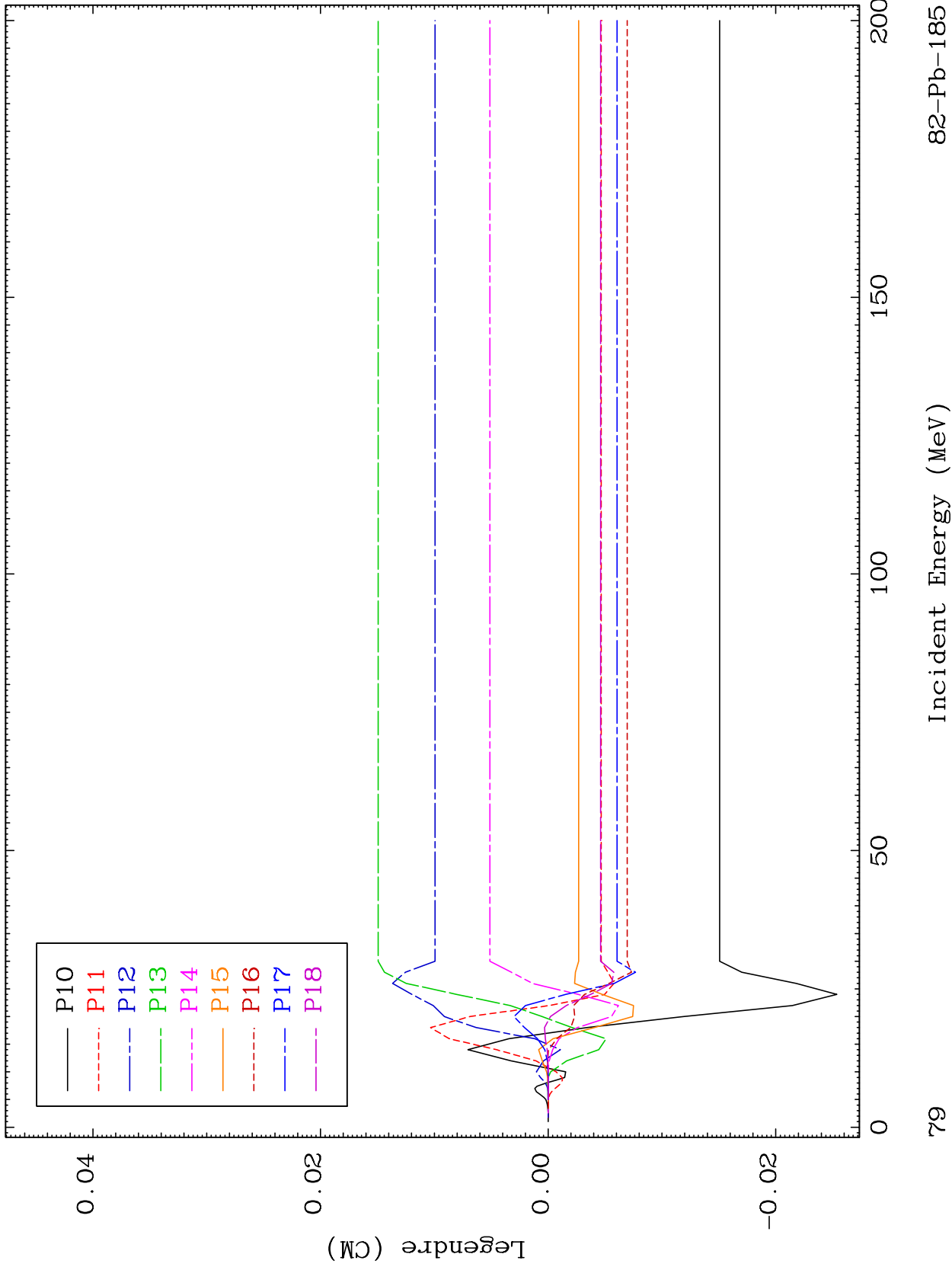




MAT 8168

829.7 keV (n,n') Level  
Legendre Coefficients

82-Pb-185

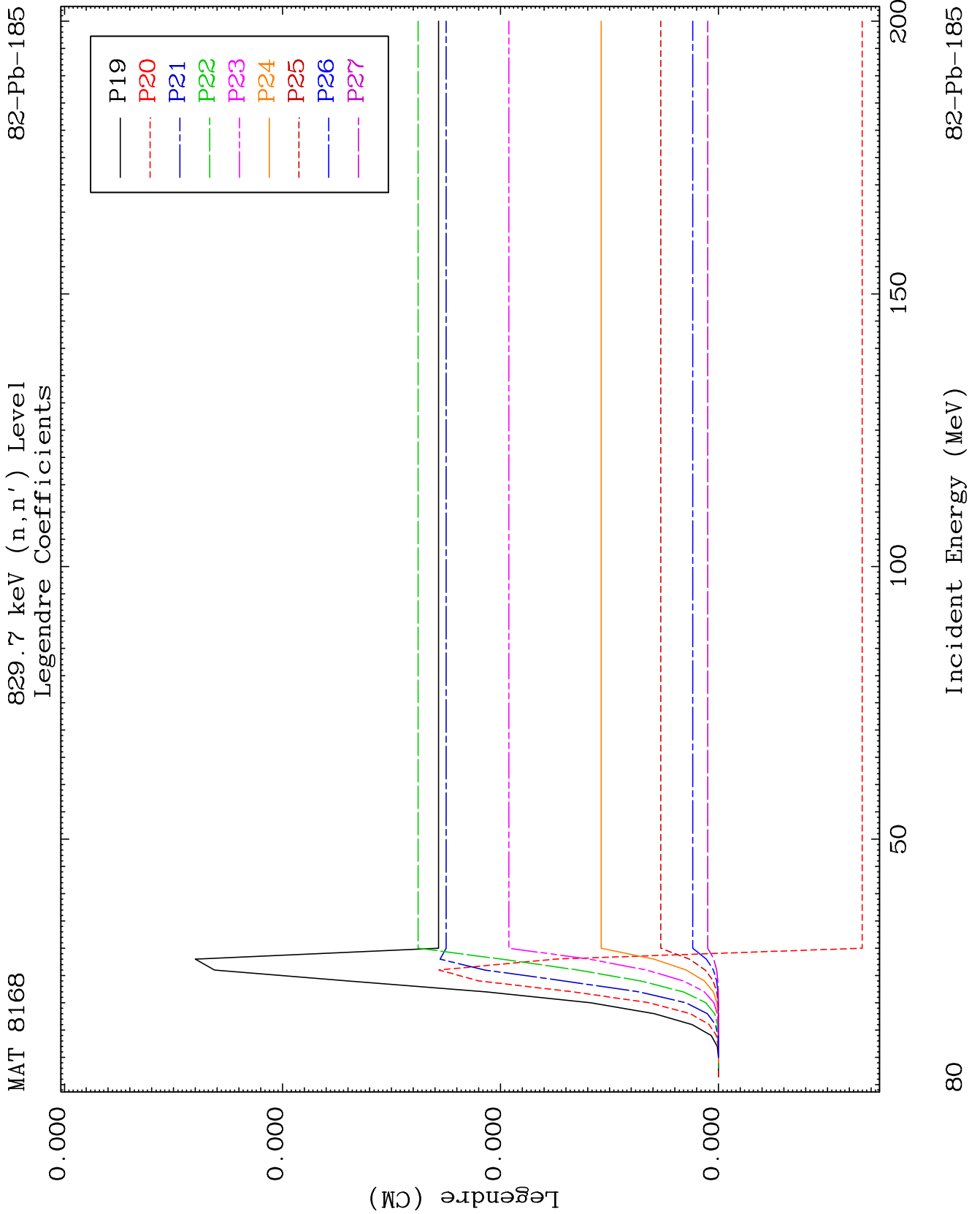


79

Incident Energy (MeV)

82-Pb-185

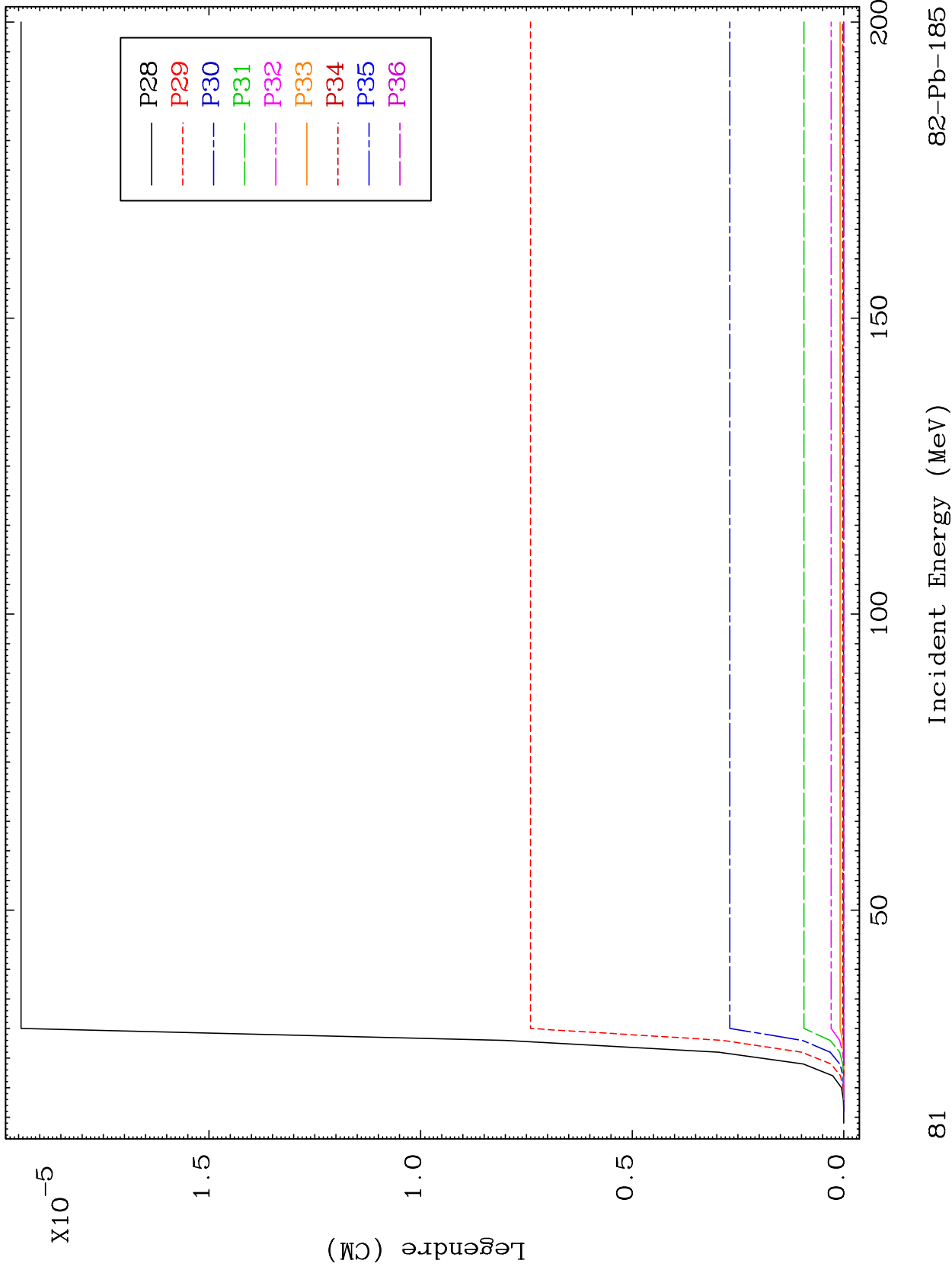




MAT 8168

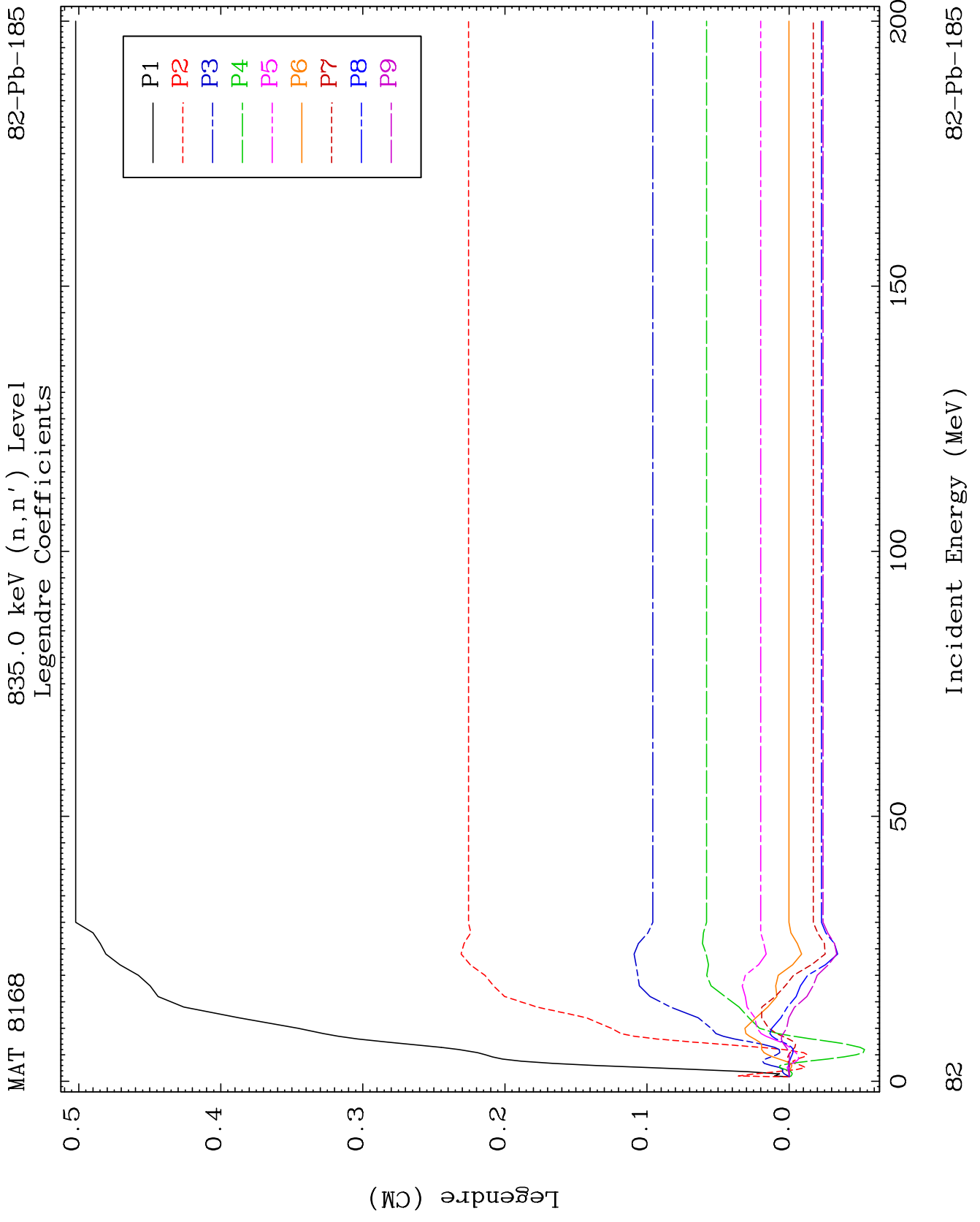
829.7 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



81

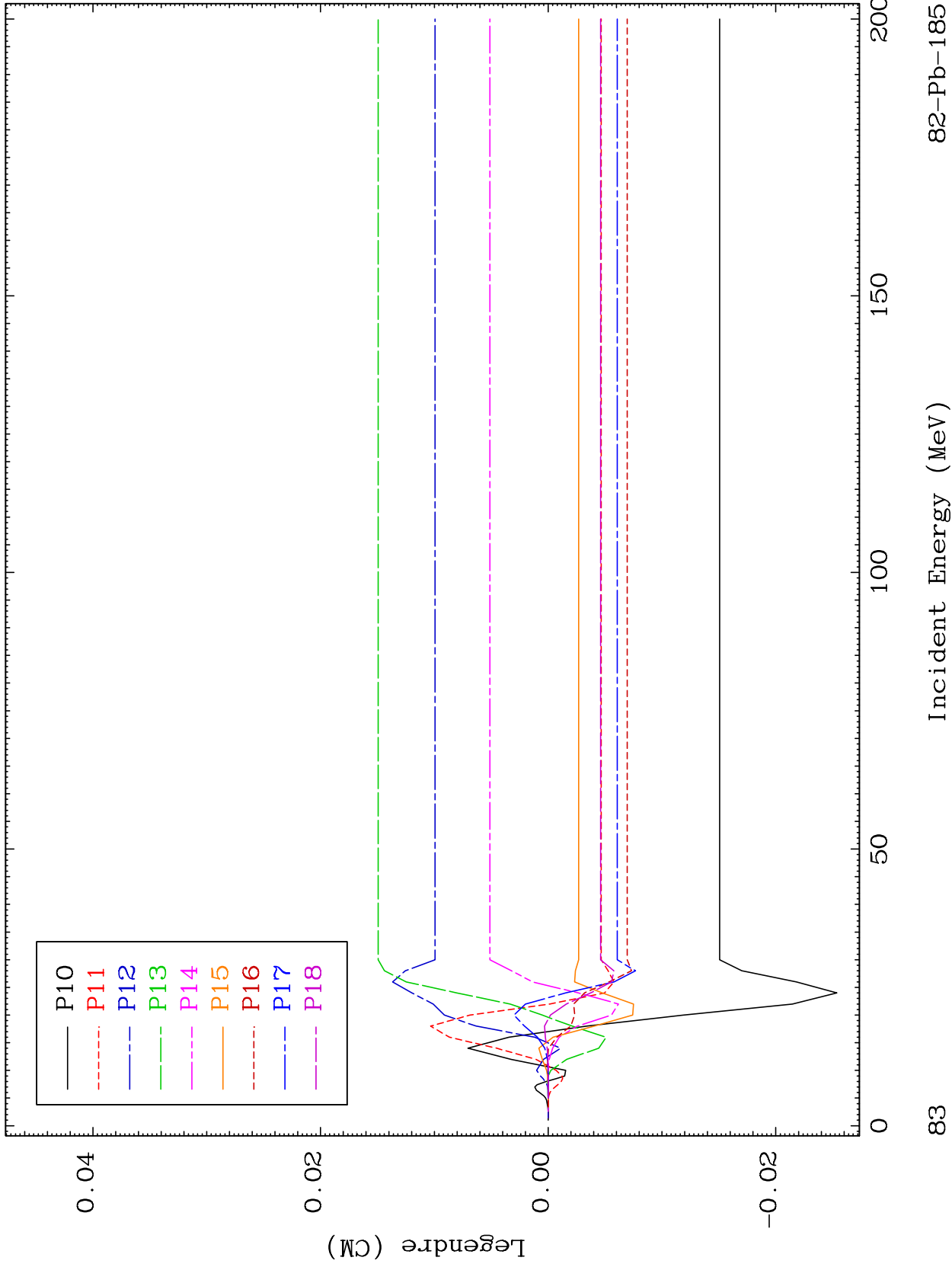
82-Pb-185



MAT 8168

835.0 keV (n,n') Level  
Legendre Coefficients

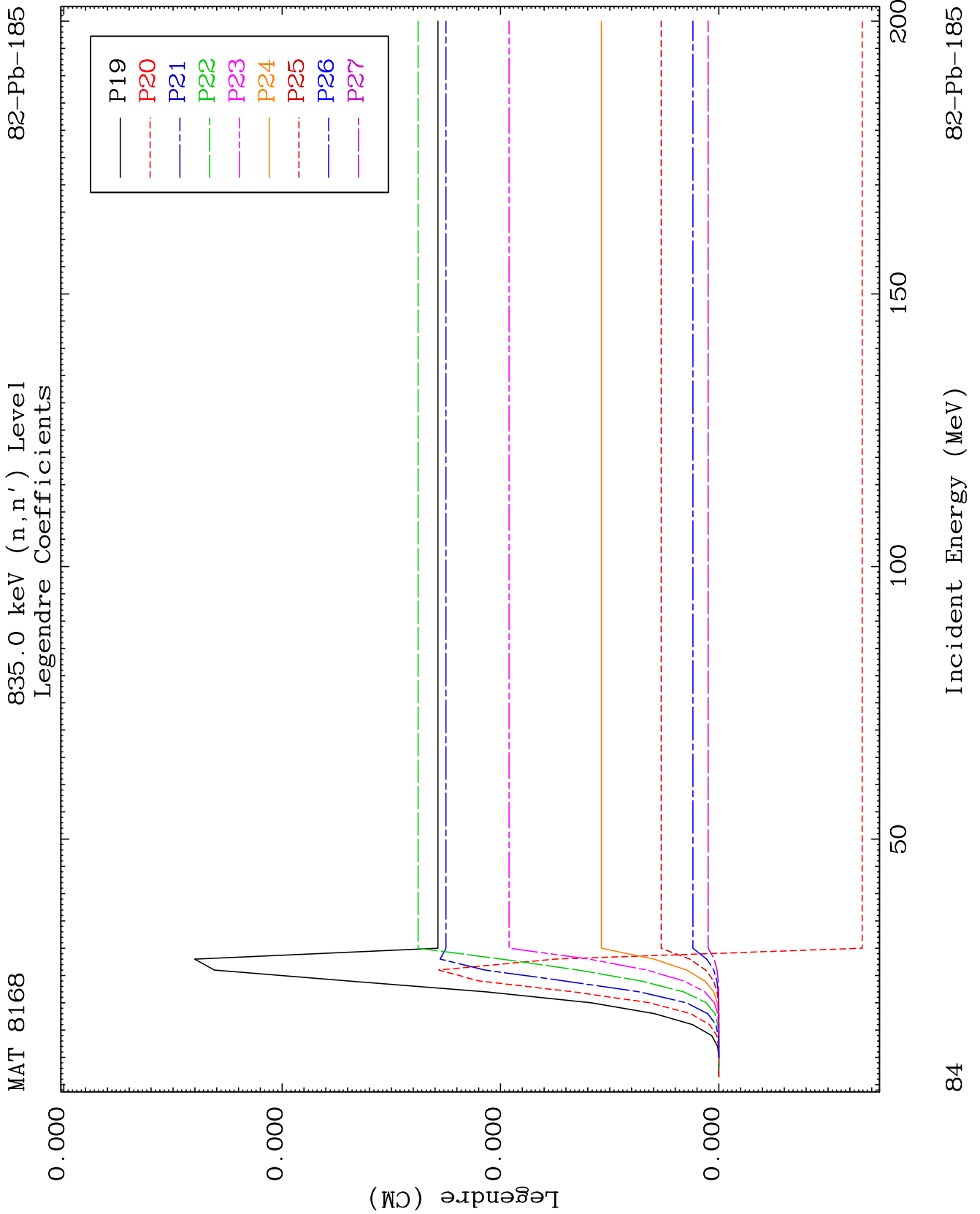
82-Pb-185



83

Incident Energy (MeV)

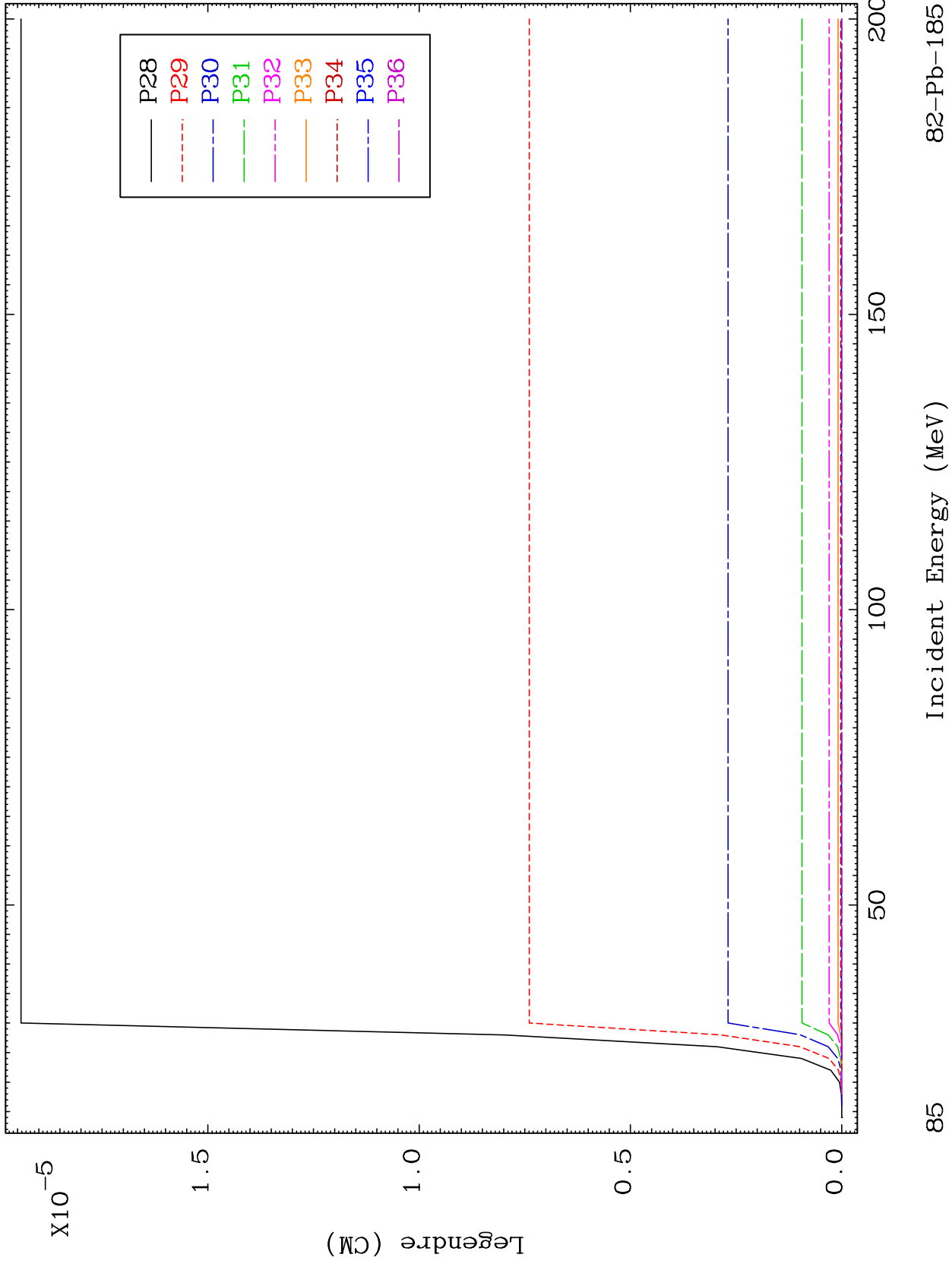
82-Pb-185

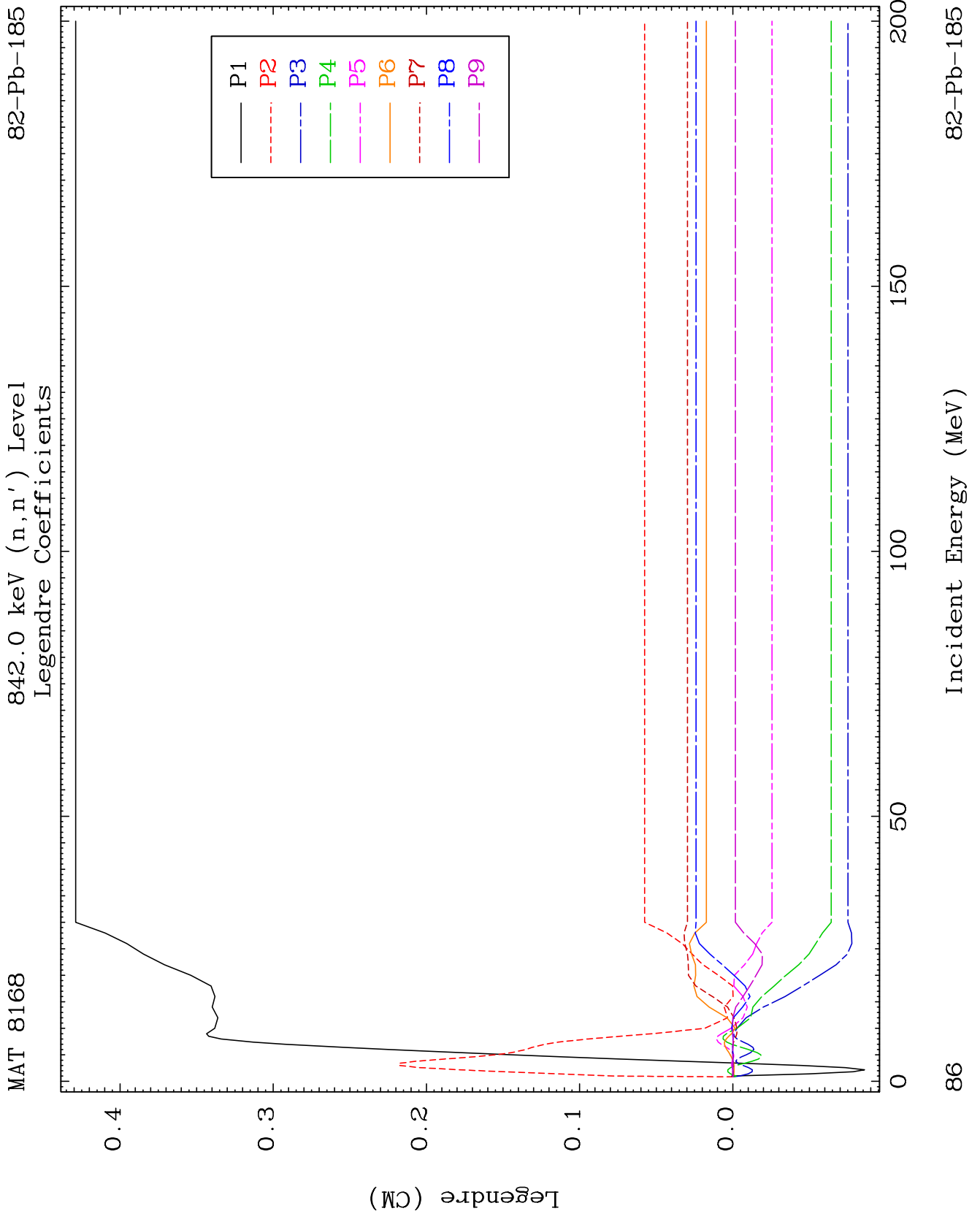


MAT 8168

835.0 keV (n,n') Level  
Legendre Coefficients

82-Pb-185

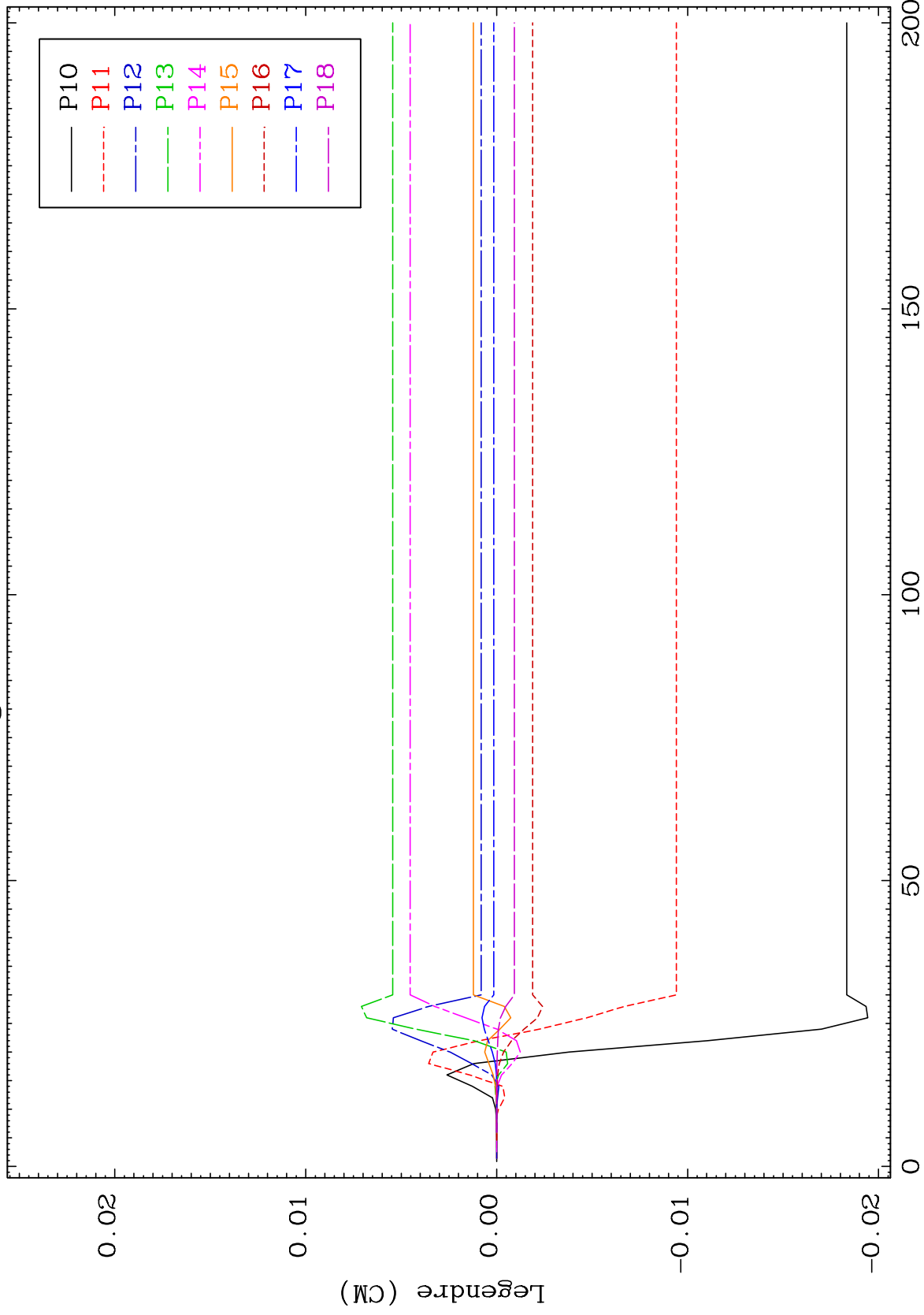




MAT 8168

842.0 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



87

Incident Energy (MeV)

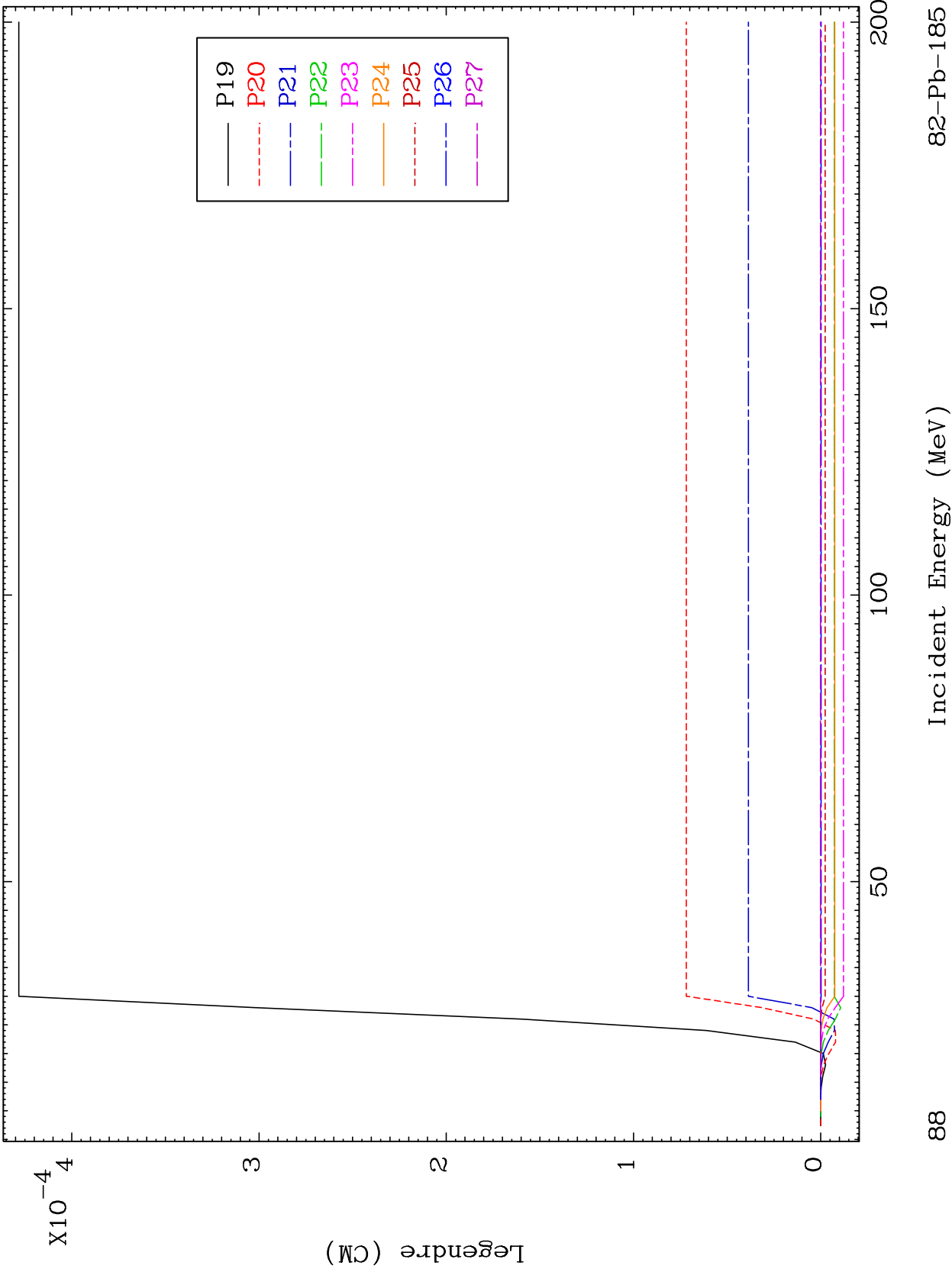
82-Pb-185



MAT 8168

842.0 keV (n,n') Level  
Legendre Coefficients

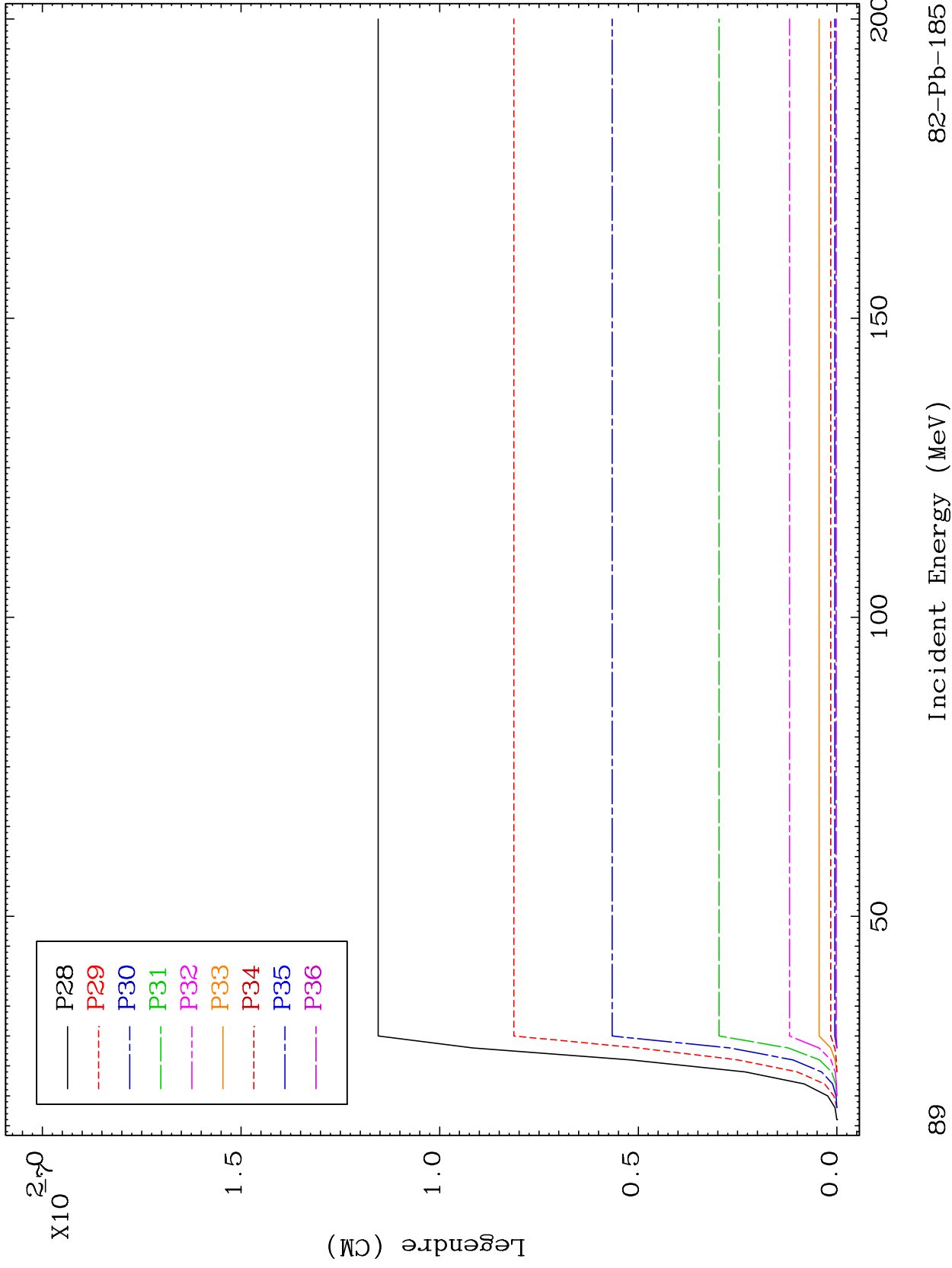
82-Pb-185



MAT 81688

842.0 keV (n, n') Level  
Legendre Coefficients

82-Pb-185

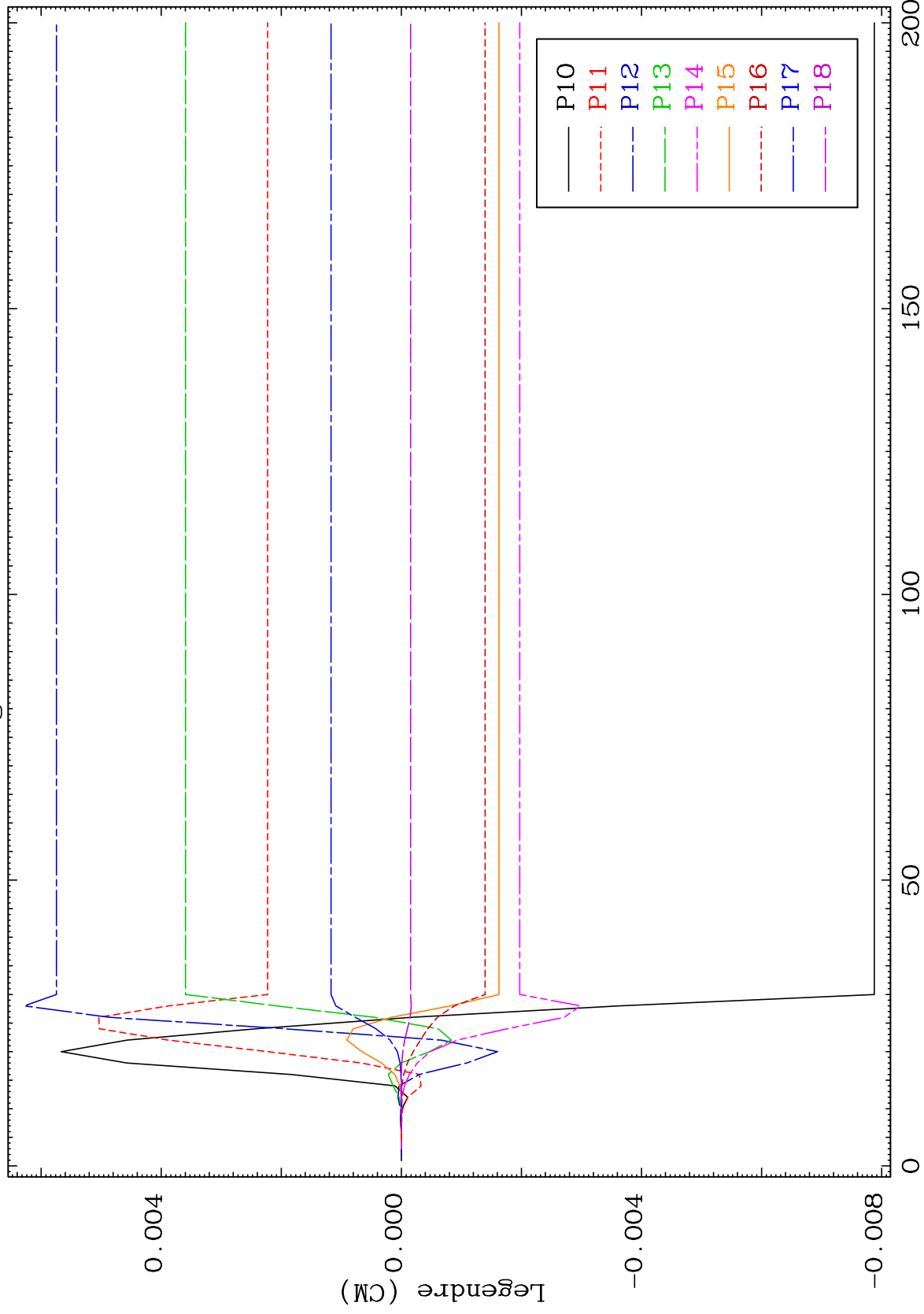




MAT 8168

900.3 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



91

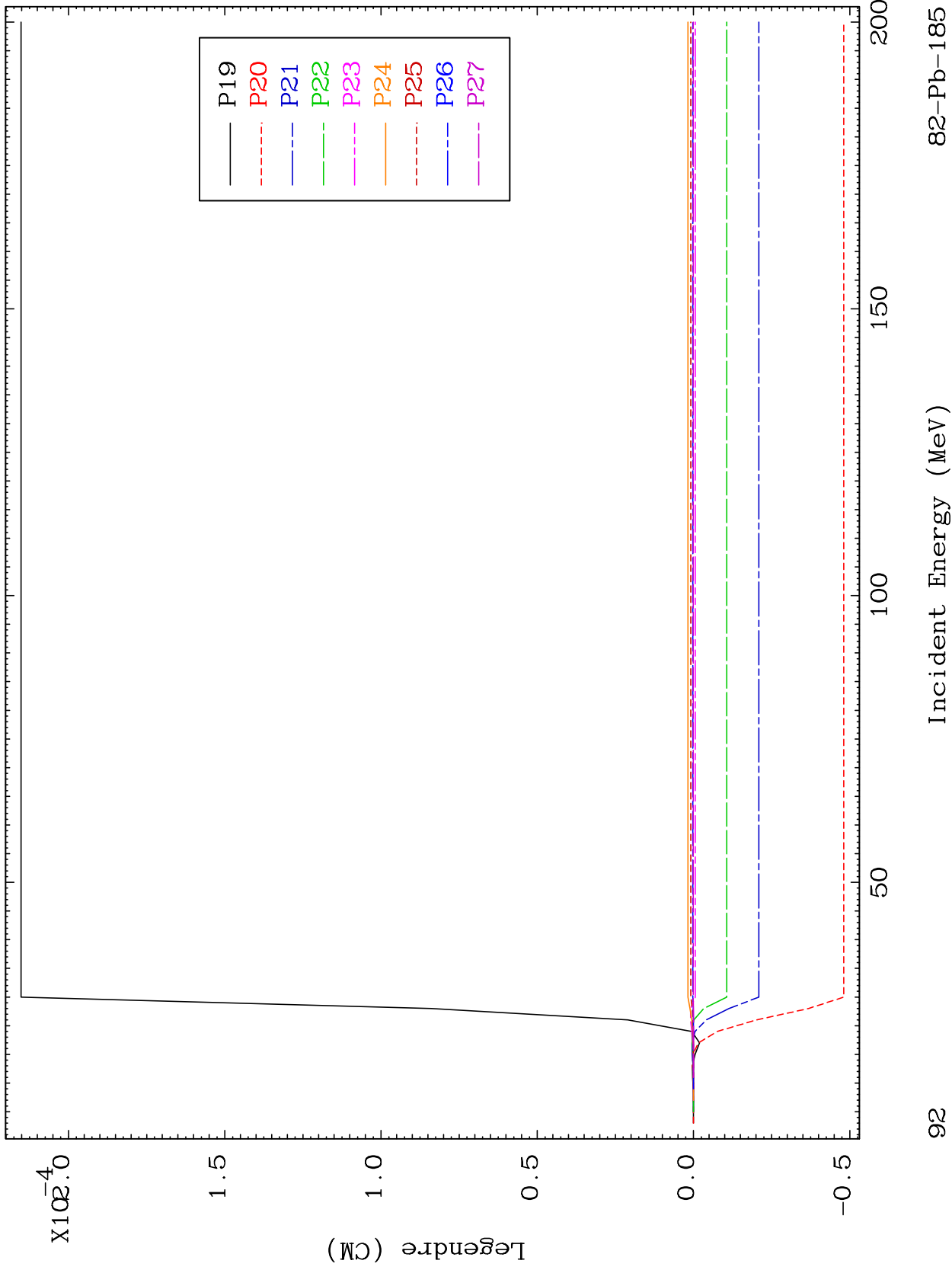
Incident Energy (MeV)

82-Pb-185

MAT 8168

900.3 keV (n,n') Level  
Legendre Coefficients

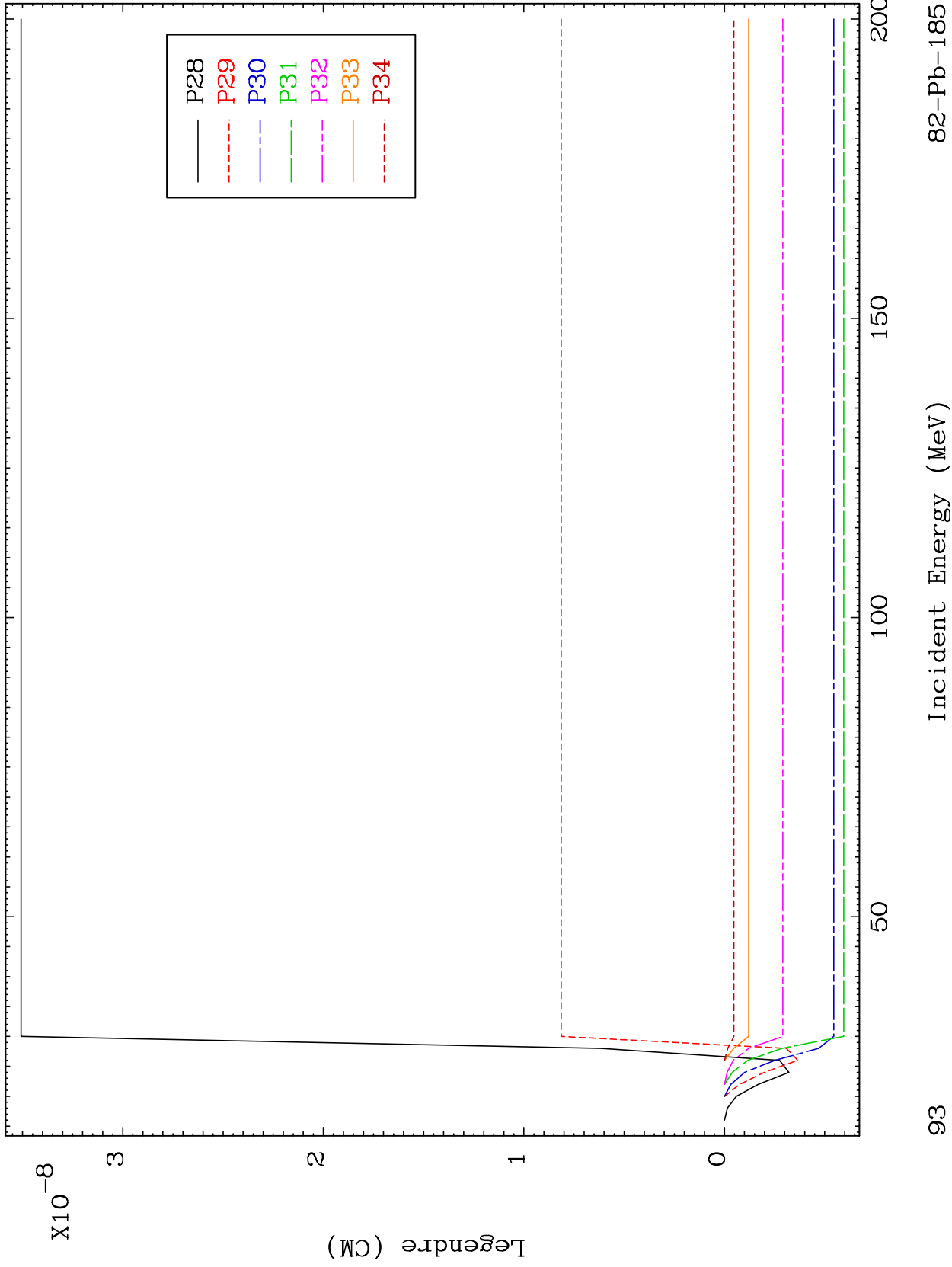
82-Pb-185

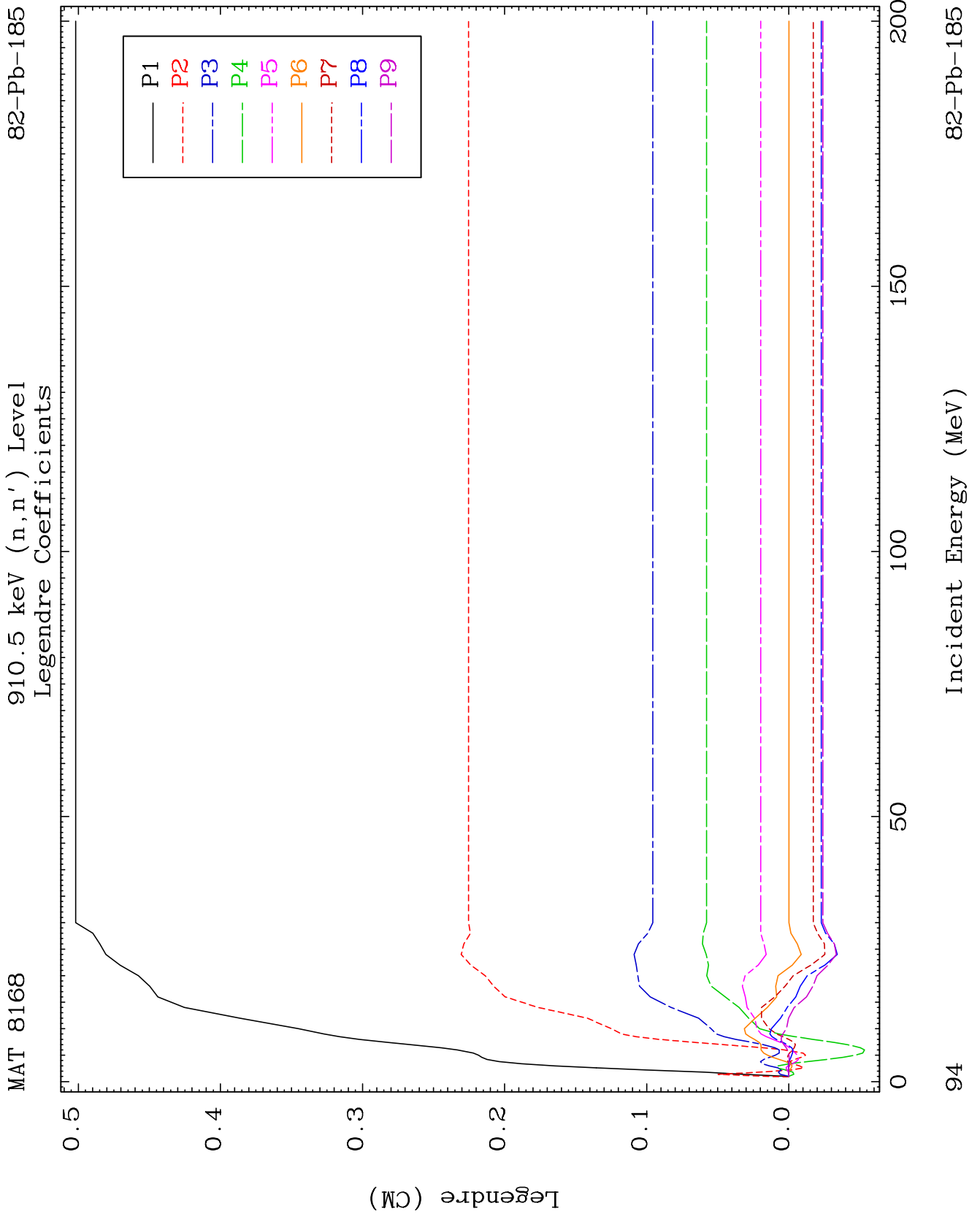


MAT 8168

900.3 keV (n,n') Level  
Legendre Coefficients

82-Pb-185

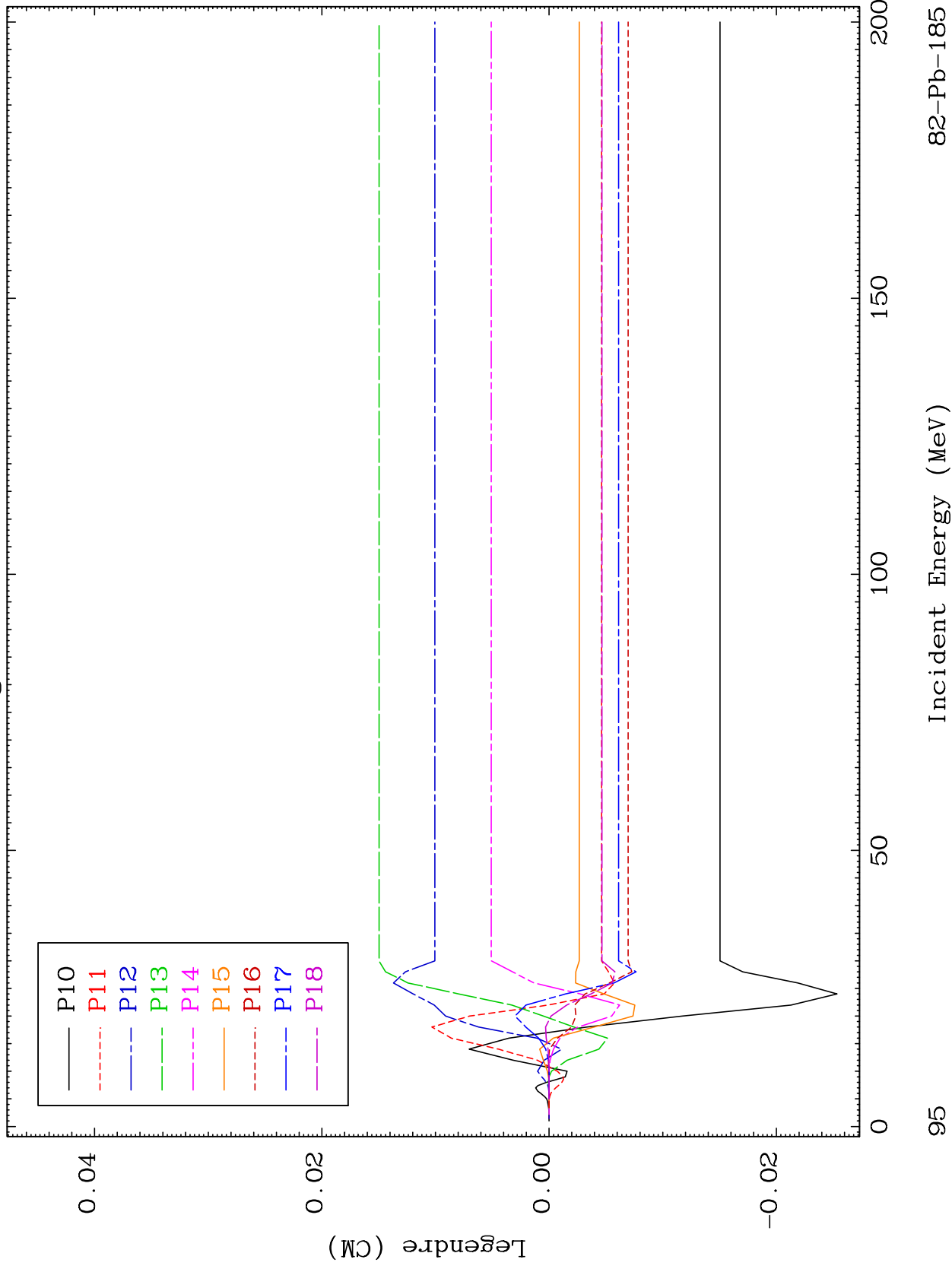




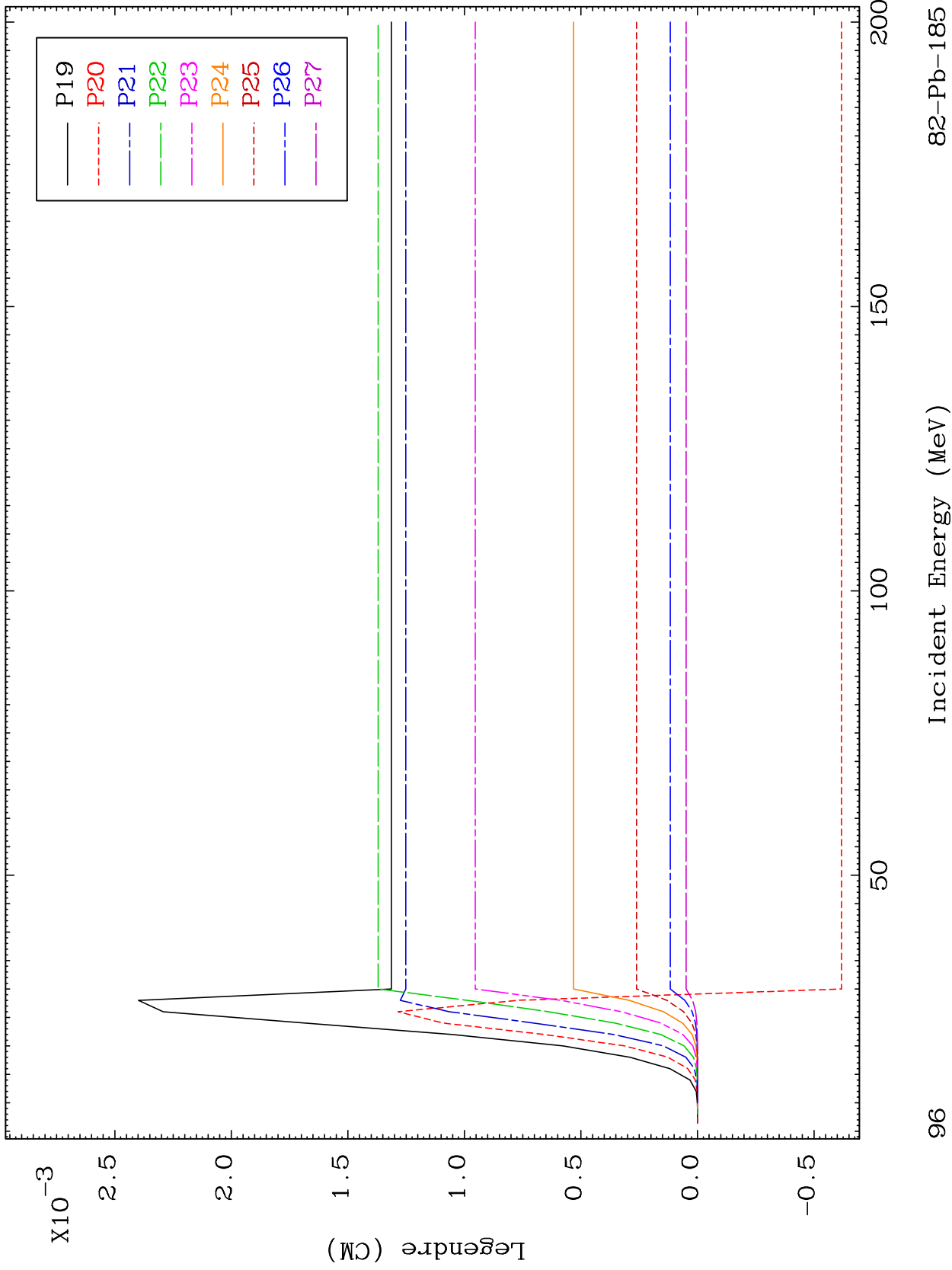
MAT 8168

910.5 keV (n,n') Level  
Legendre Coefficients

82-Pb-185



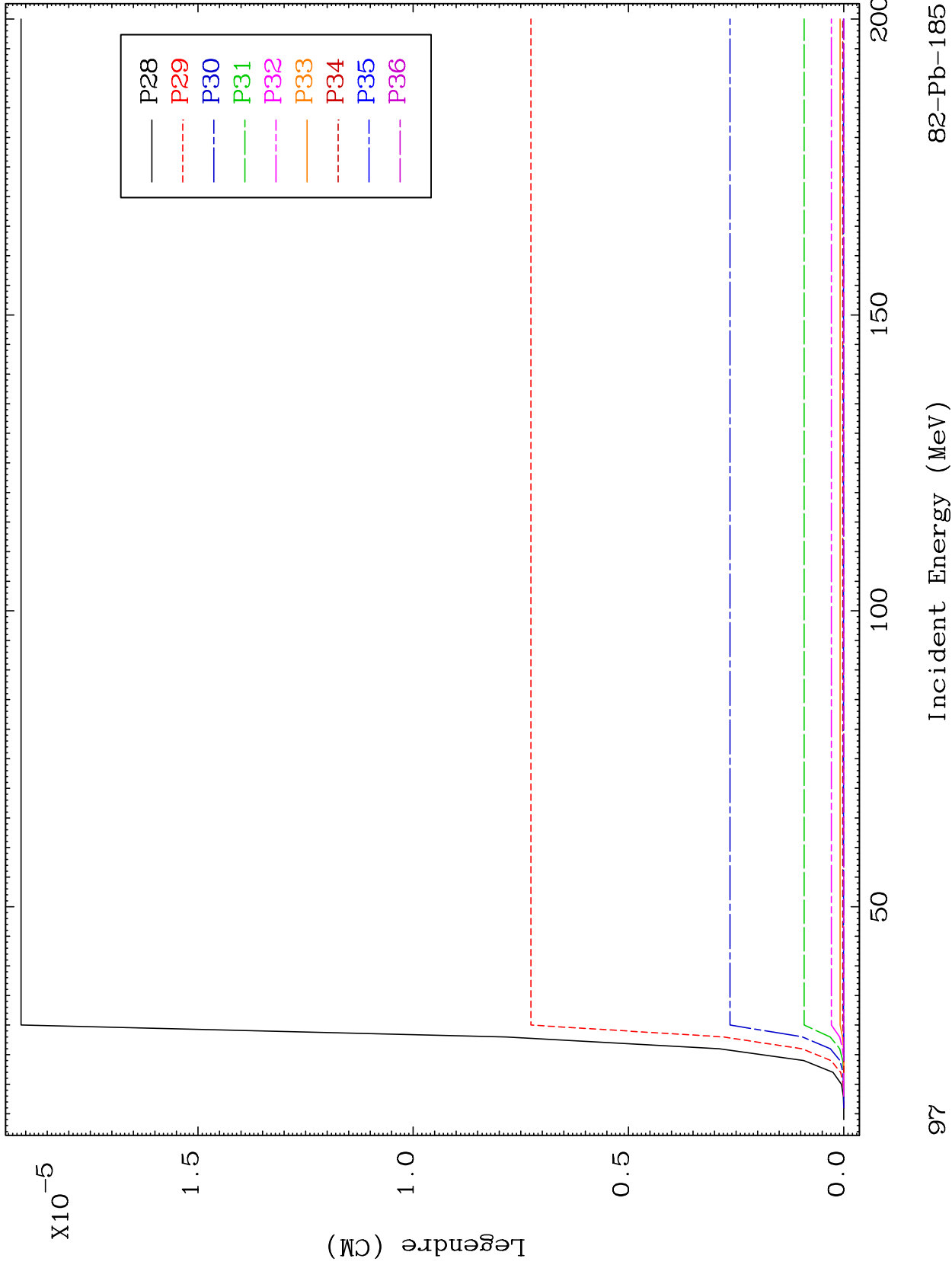




MAT 8168

910.5 keV (n,n') Level  
Legendre Coefficients

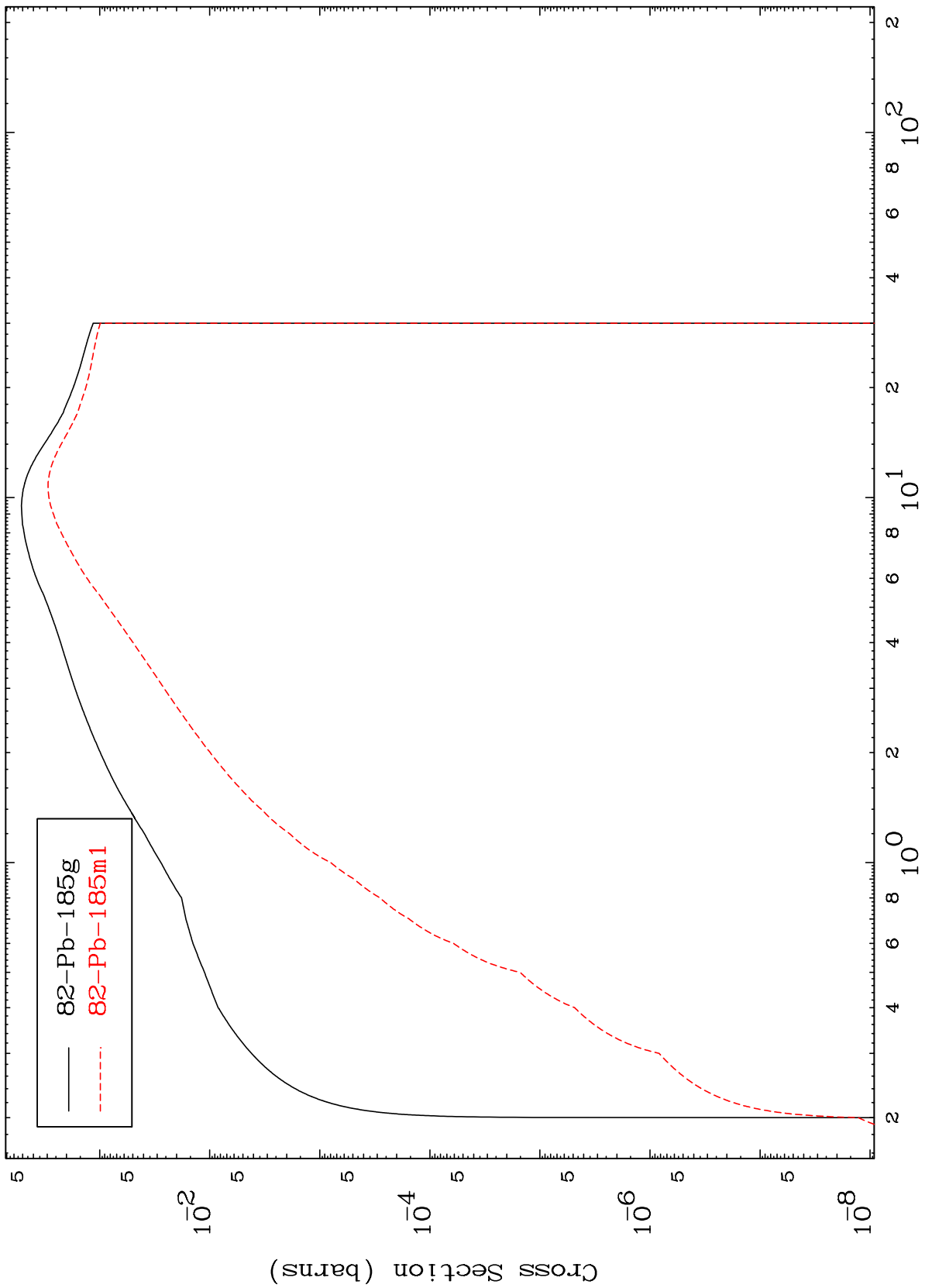
82-Pb-185



MAT 8168

82-Pb-185

Inelastic  
Radionuclide Production Cross Section

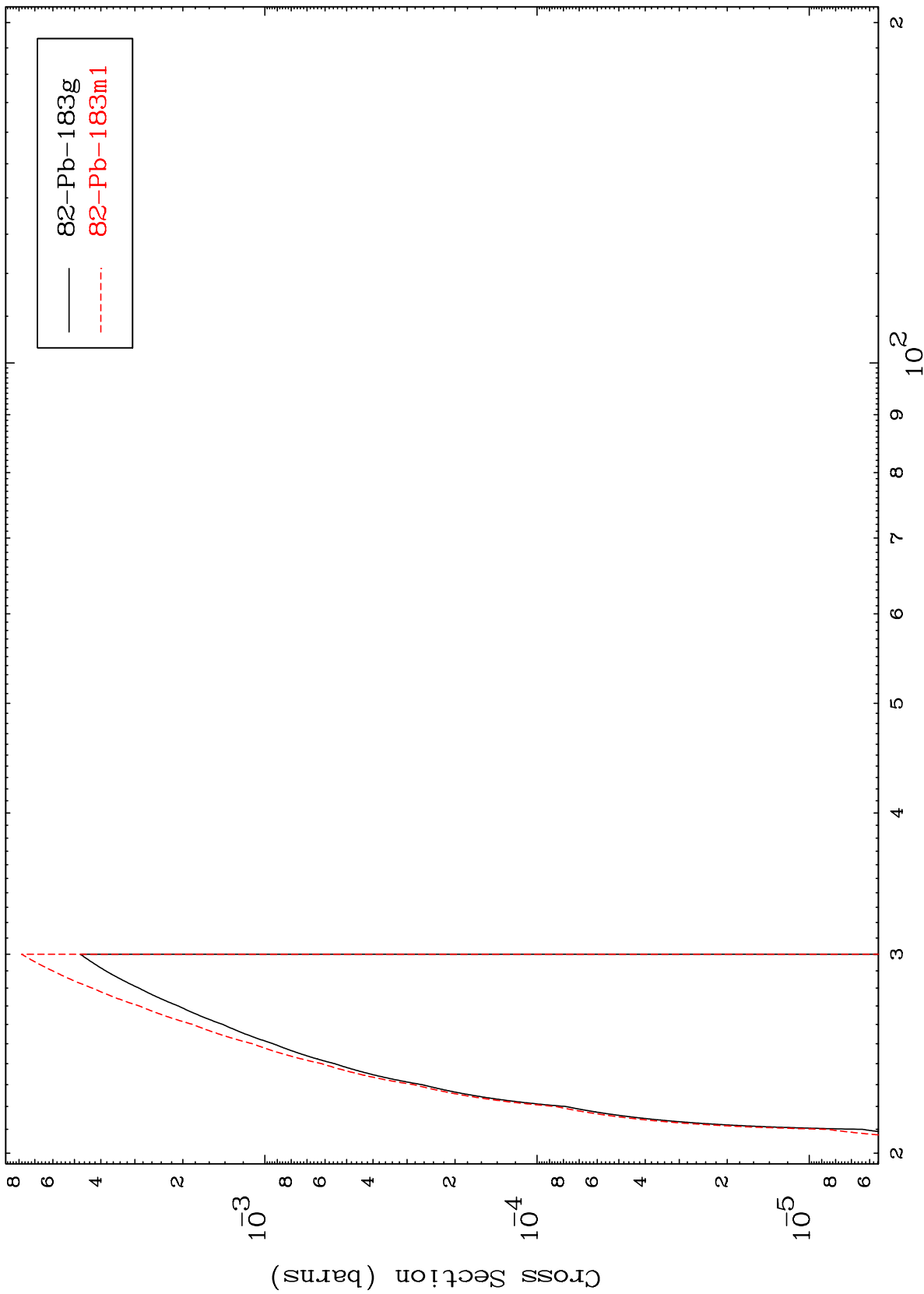


98

Incident Energy (MeV)

82-Pb-185

(n,3n)  
Radionuclide Production Cross Section

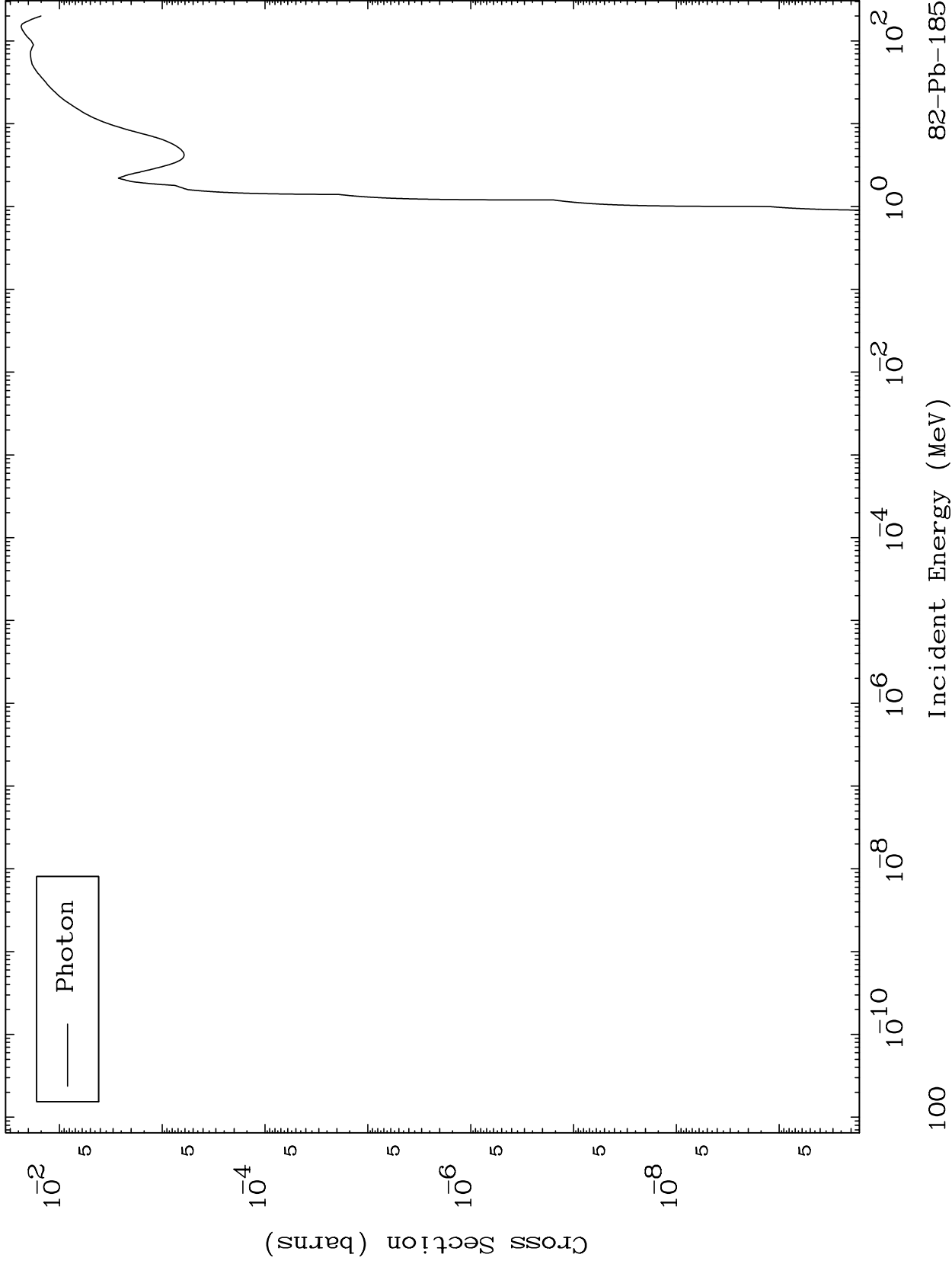


MAT 8168

Fission

82-Pb-185

Radionuclide Production Cross Section

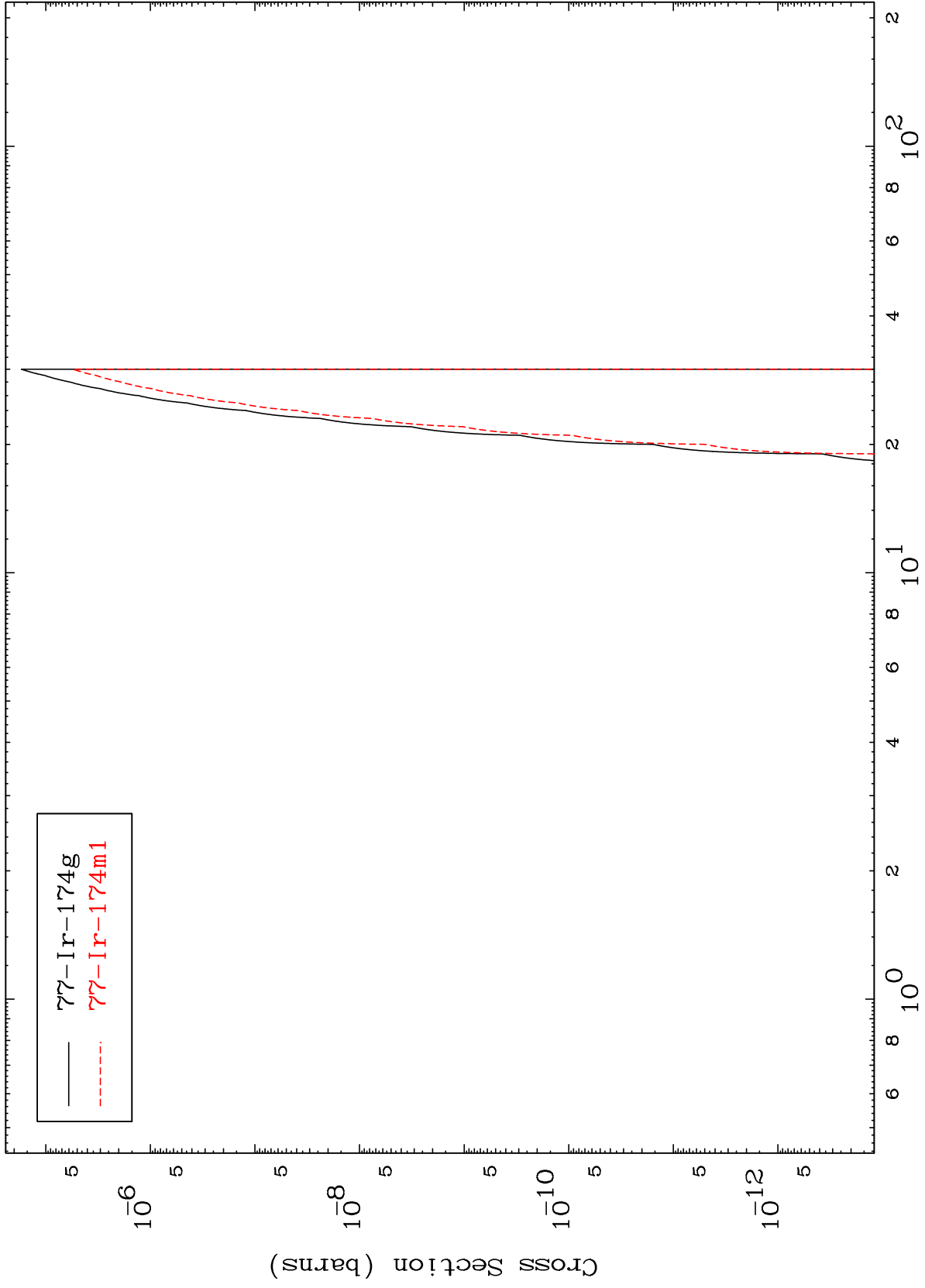


MAT 8168

(n,n') t,2α

82-Pb-185

Radionuclide Production Cross Section



— <sup>77</sup>Ir-174g  
- - - <sup>77</sup>Ir-174m1

101

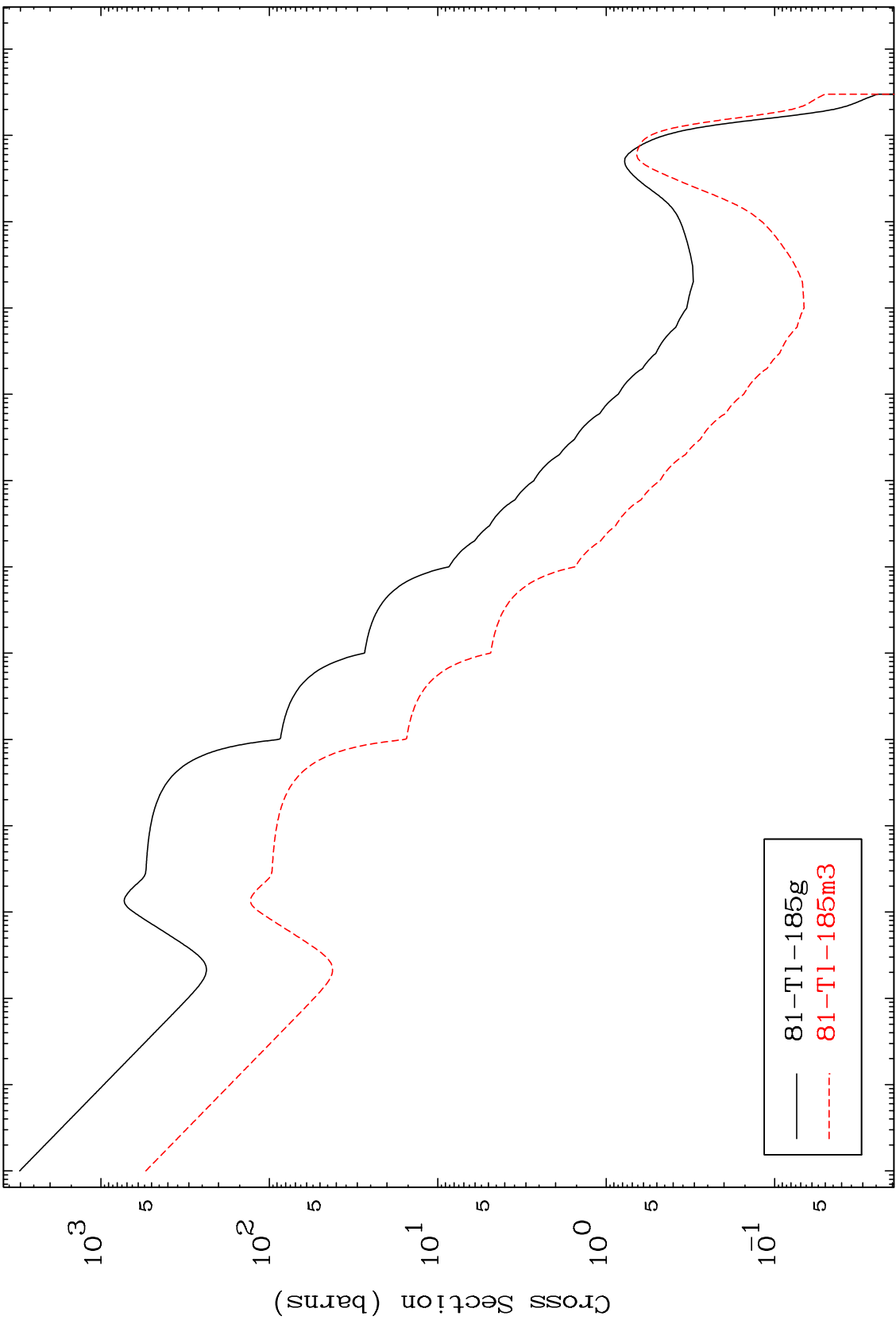
Incident Energy (MeV)

82-Pb-185

MAT 8168

82-Pb-185

(n,p)  
Radionuclide Production Cross Section



82-Pb-185

Incident Energy (MeV)