

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

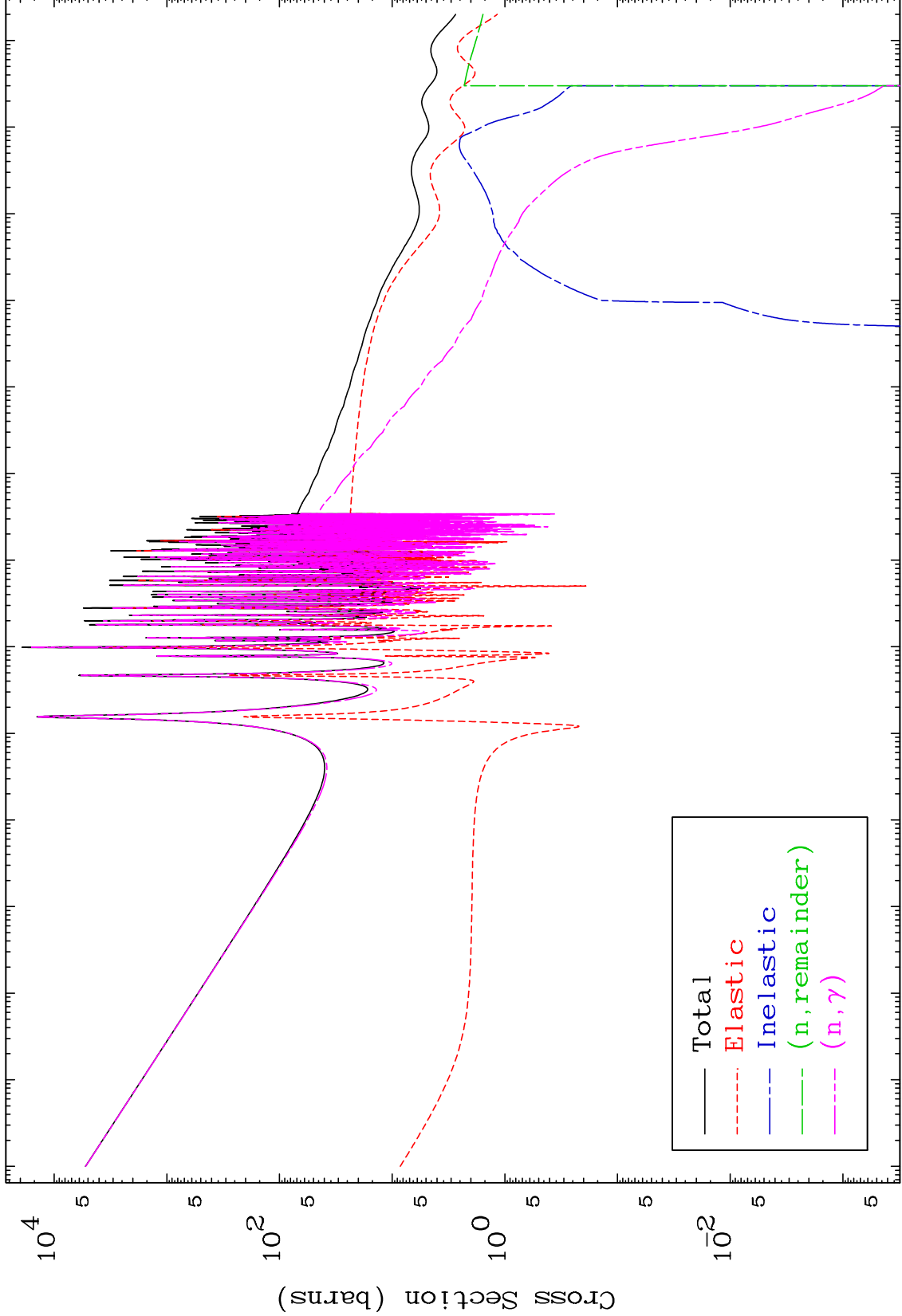
Press Mouse Button to Start

MAT 7616

Major

76-Os-181

293 Kelvin Cross Sections



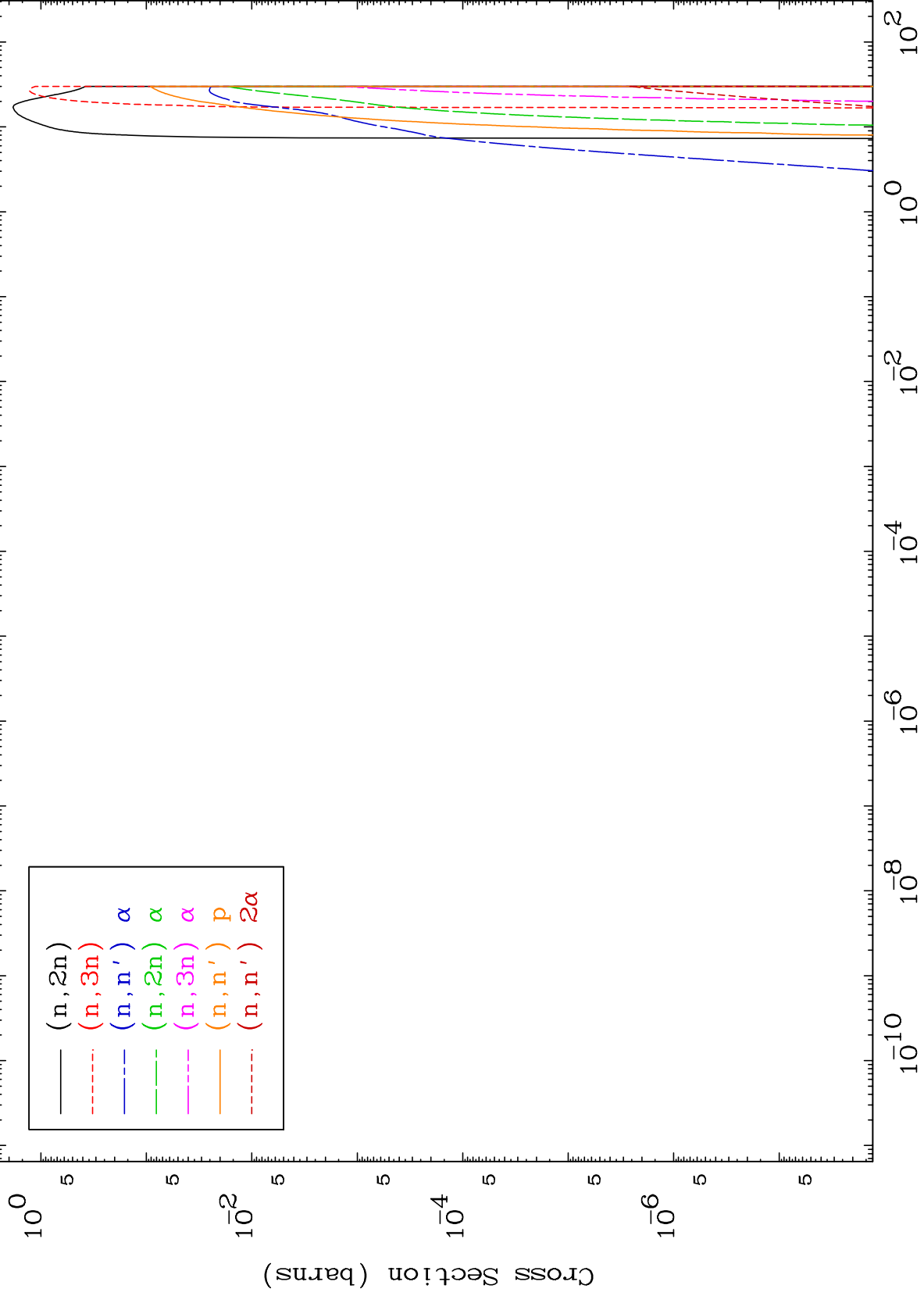
76-Os-181

Incident Energy (MeV)

MAT 7616

Neutron Production  
293 Kelvin Cross Sections

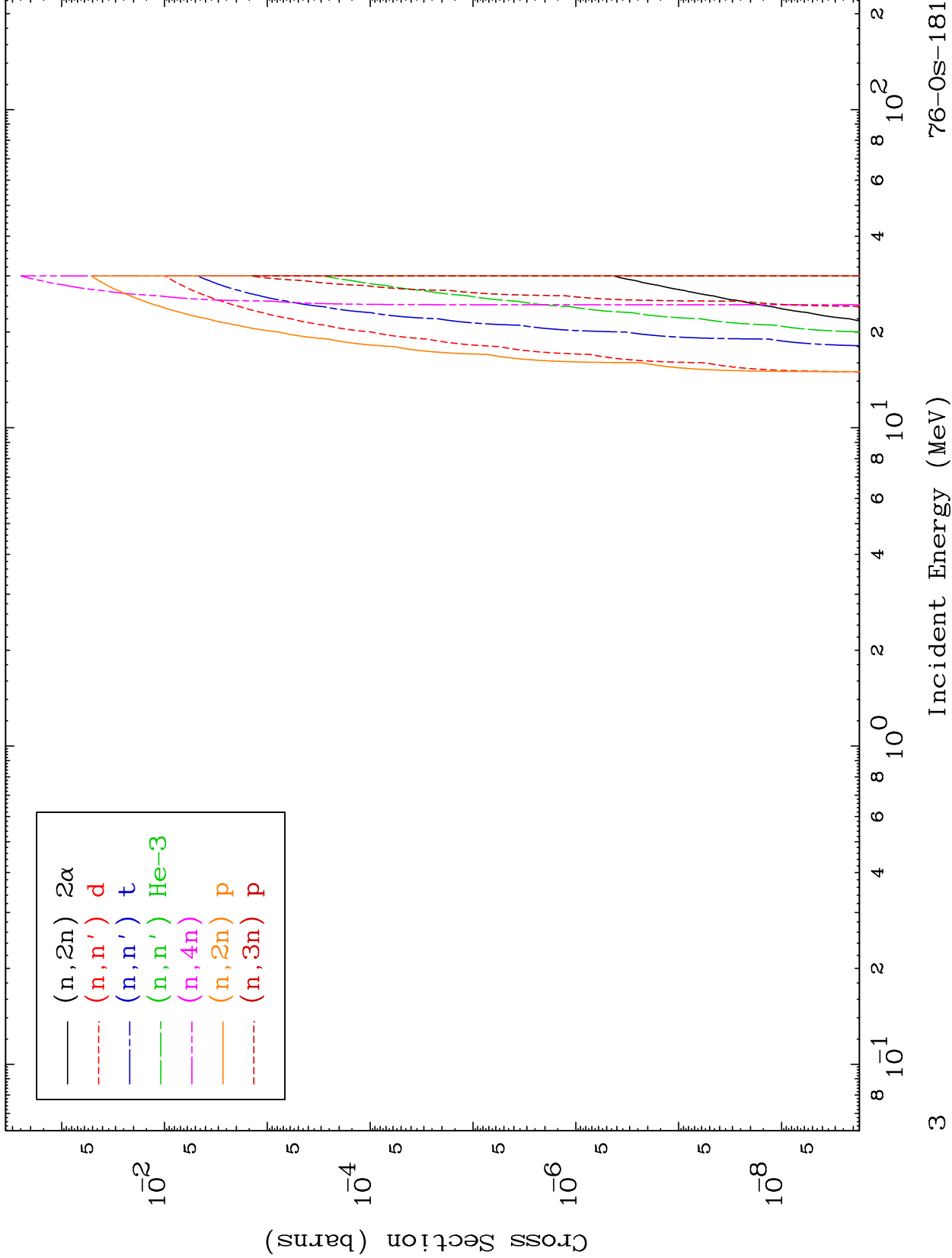
76-Os-181



MAT 7616

Neutron Production  
293 Kelvin Cross Sections

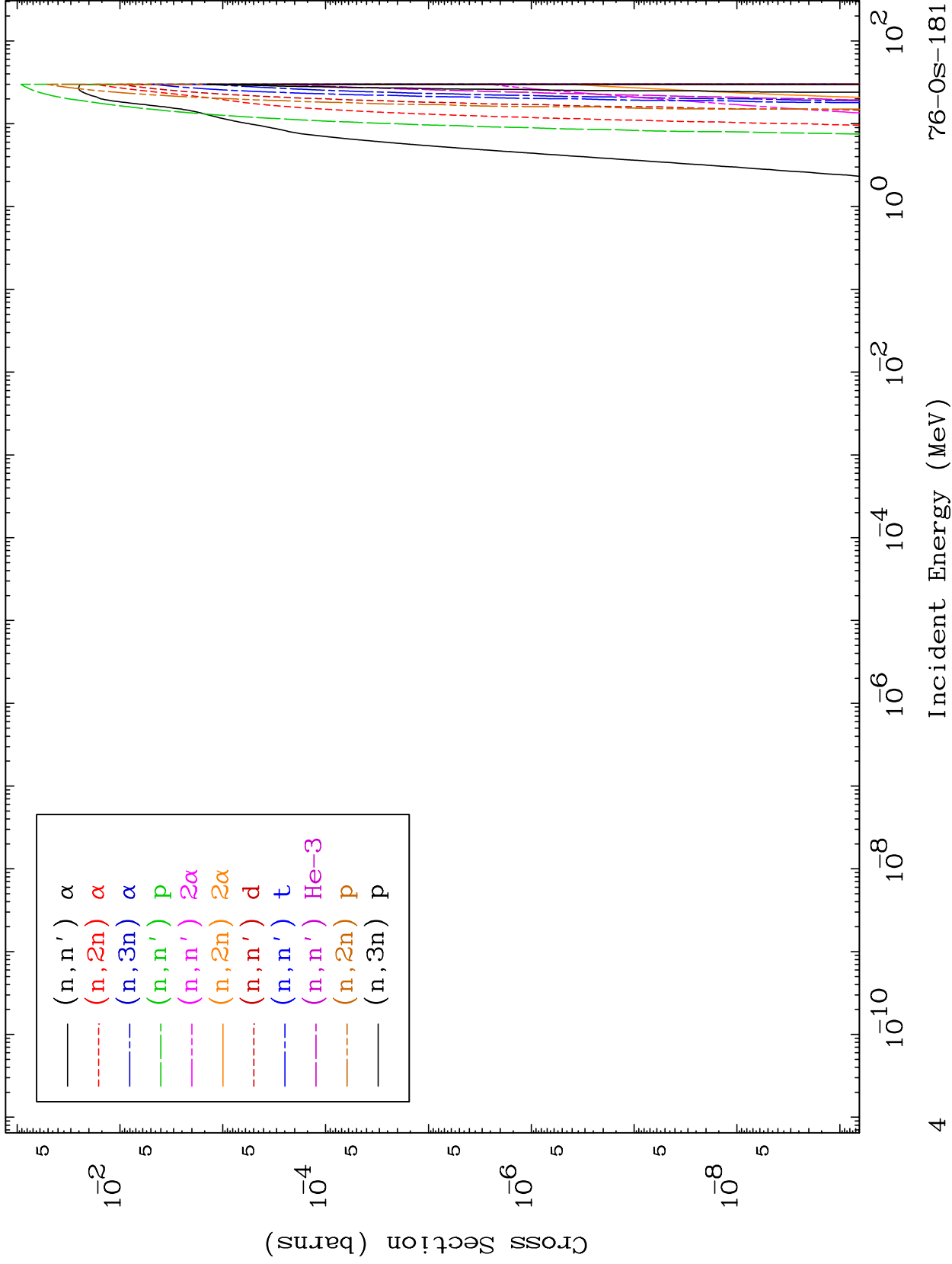
76-Os-181



MAT 7616

Charged Particle  
293 Kelvin Cross Sections

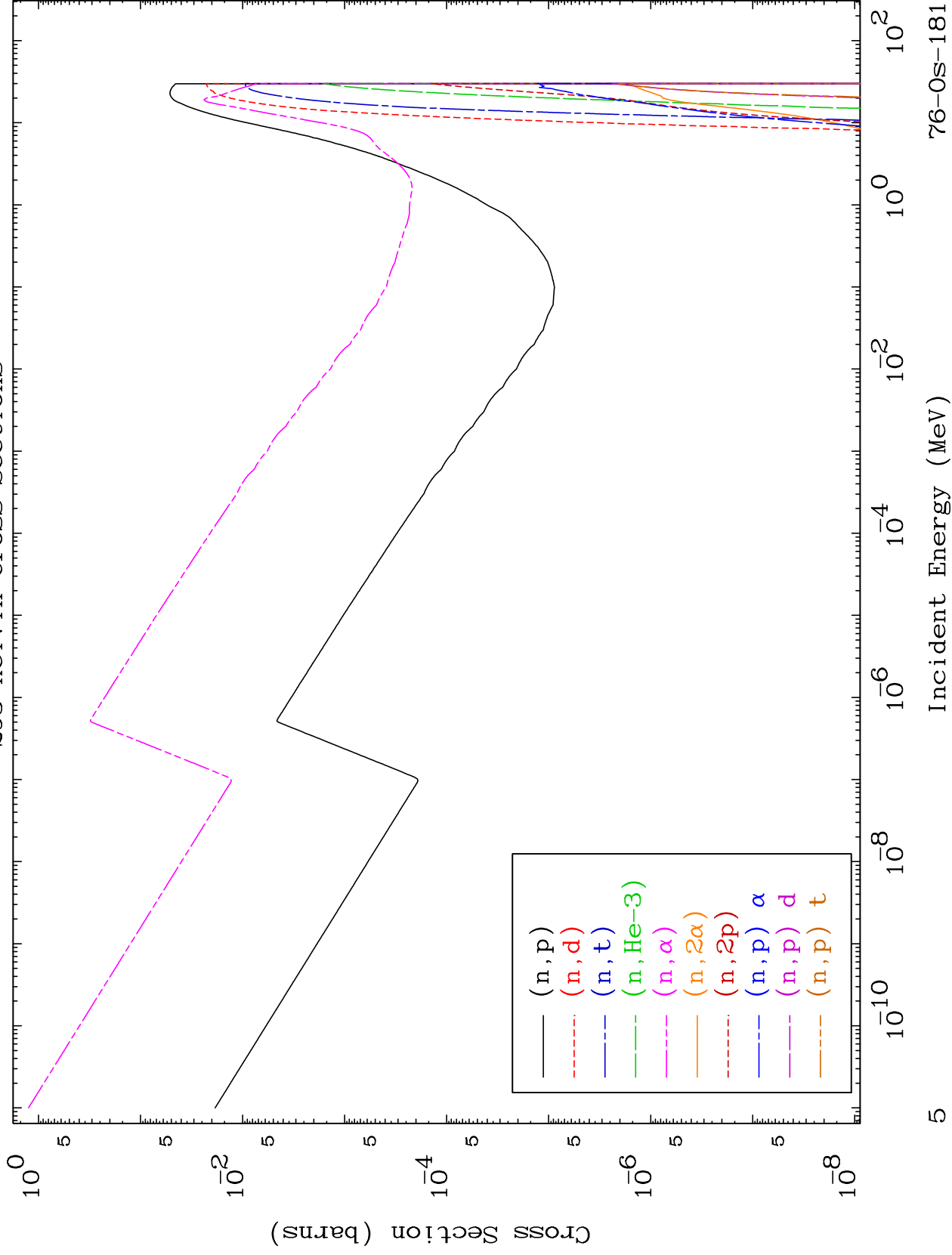
76-Os-181



MAT 7616

Charged Particle  
293 Kelvin Cross Sections

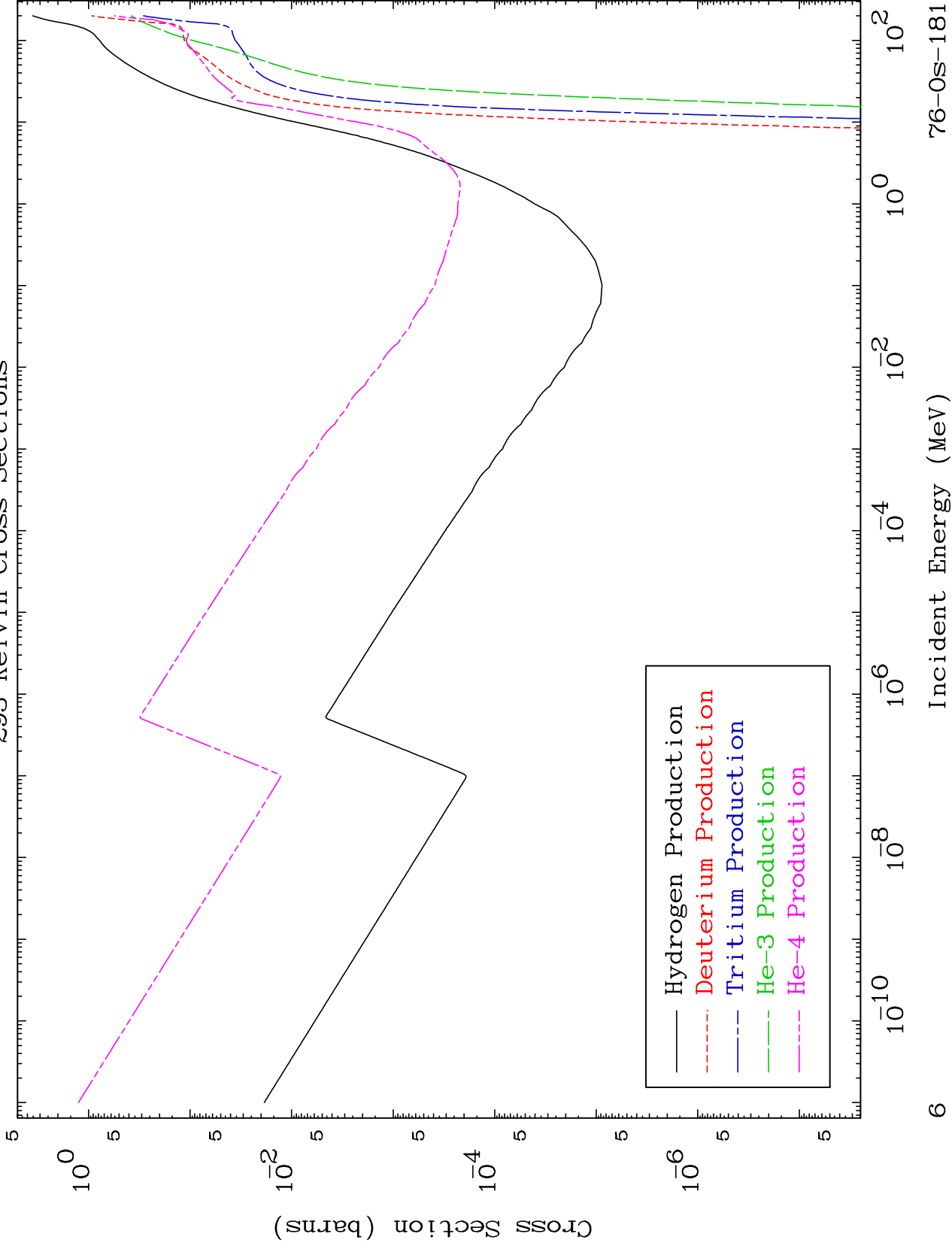
76-Os-181

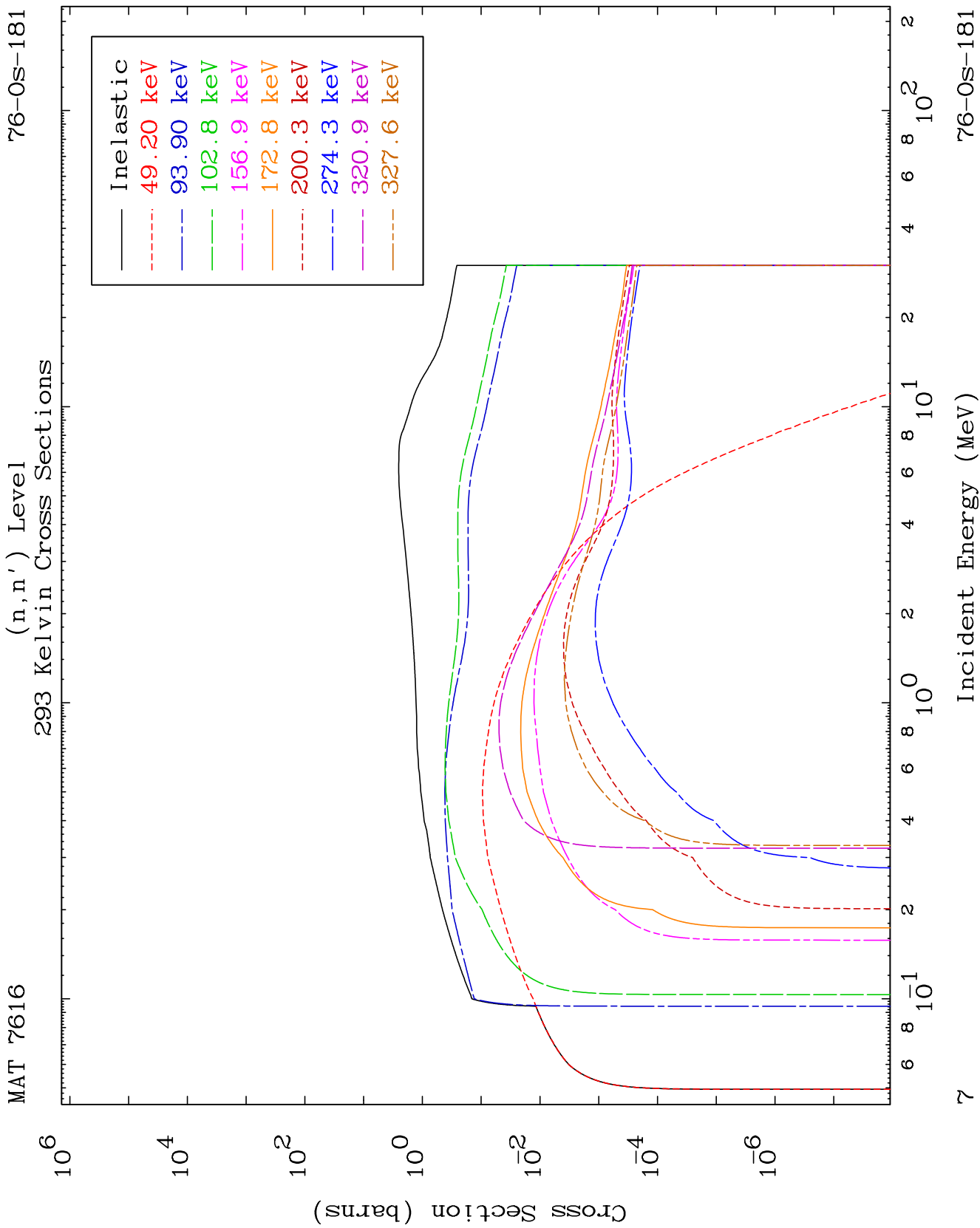


MAT 7616

Particle Production  
293 Kelvin Cross Sections

76-Os-181





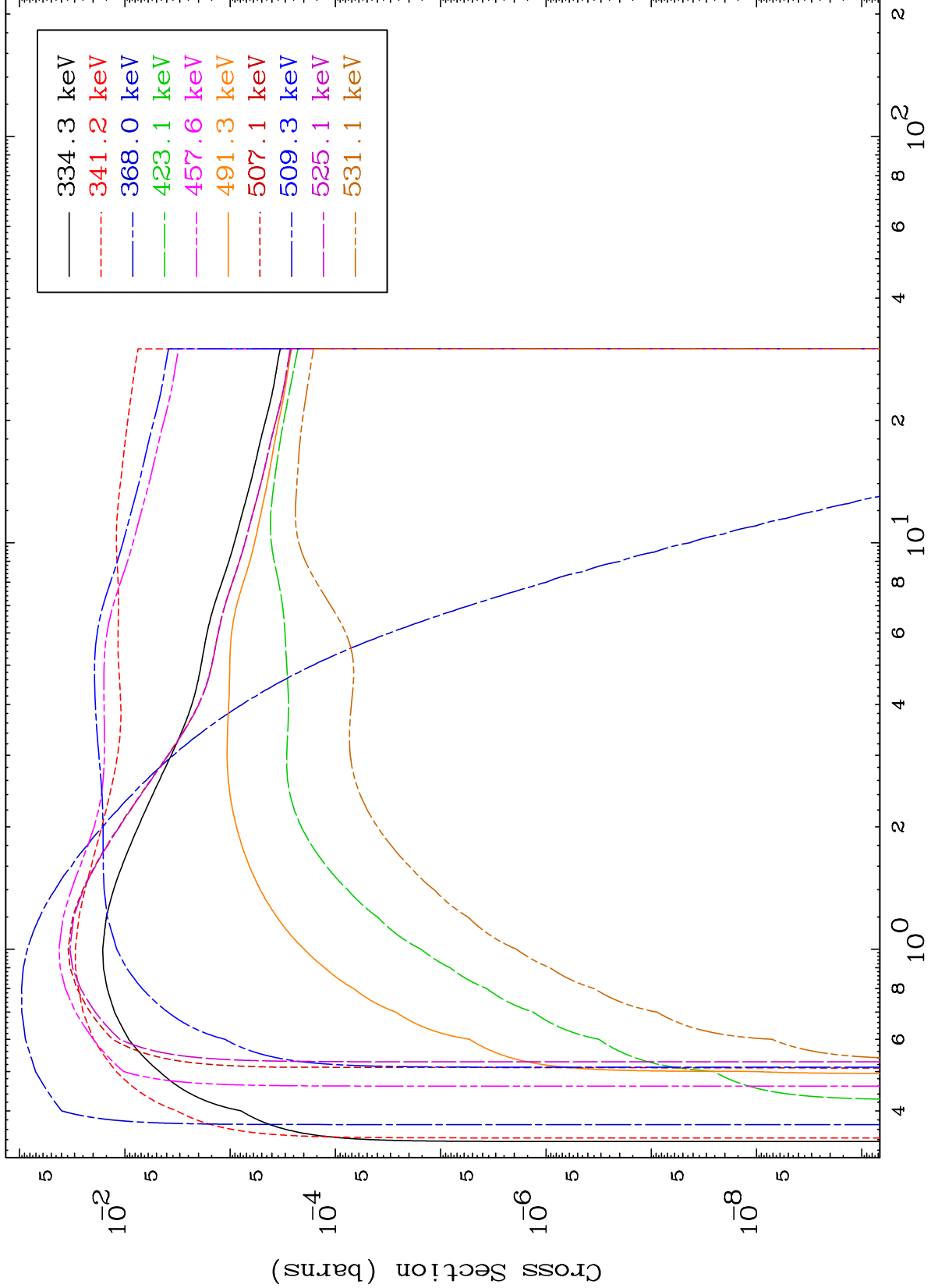


MAT 7616

(n,n') Level

76-Os-181

293 Kelvin Cross Sections



8

Incident Energy (MeV)

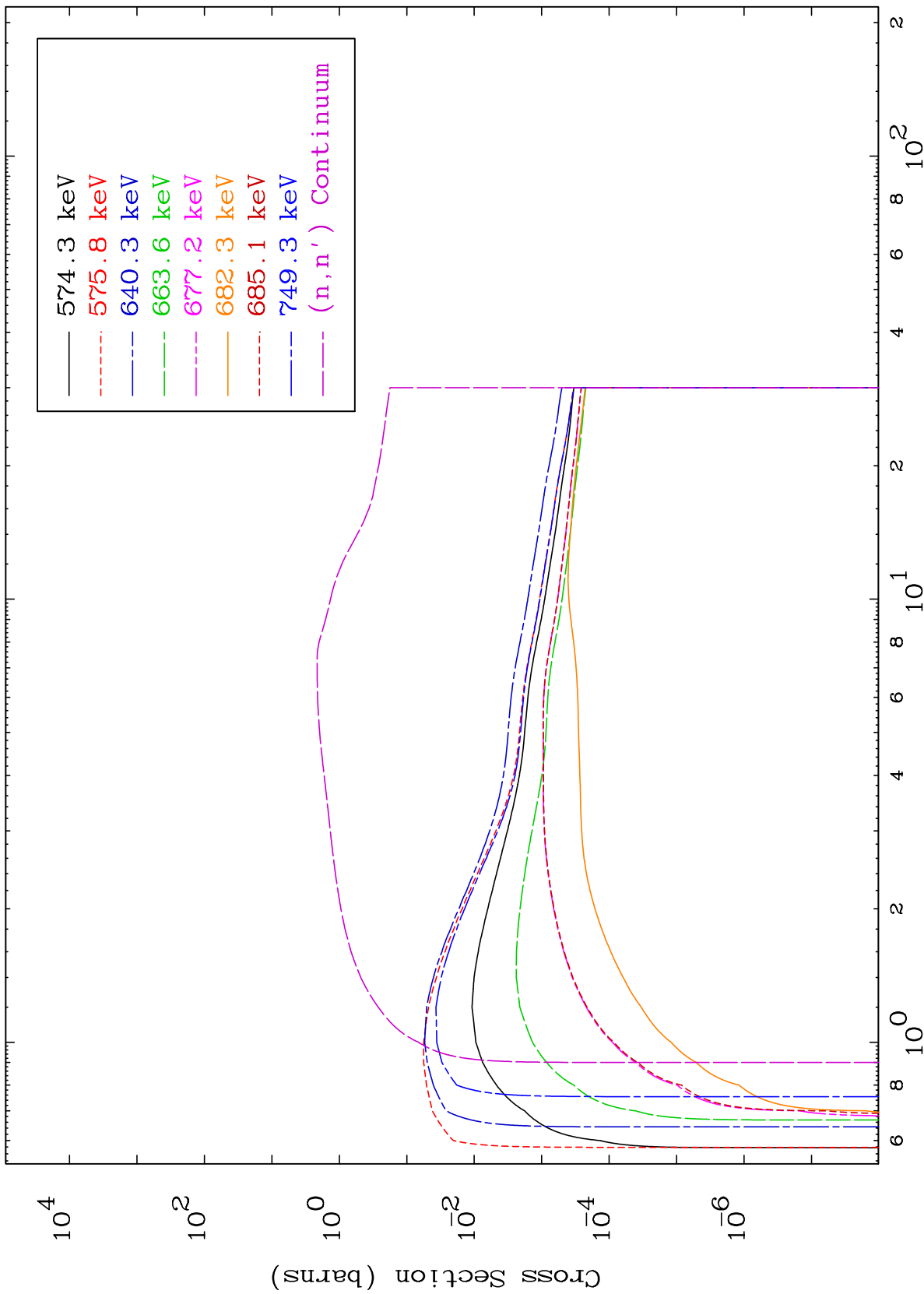
76-Os-181

MAT 7616

(n,n') Level

76-Os-181

293 Kelvin Cross Sections



9

Incident Energy (MeV)

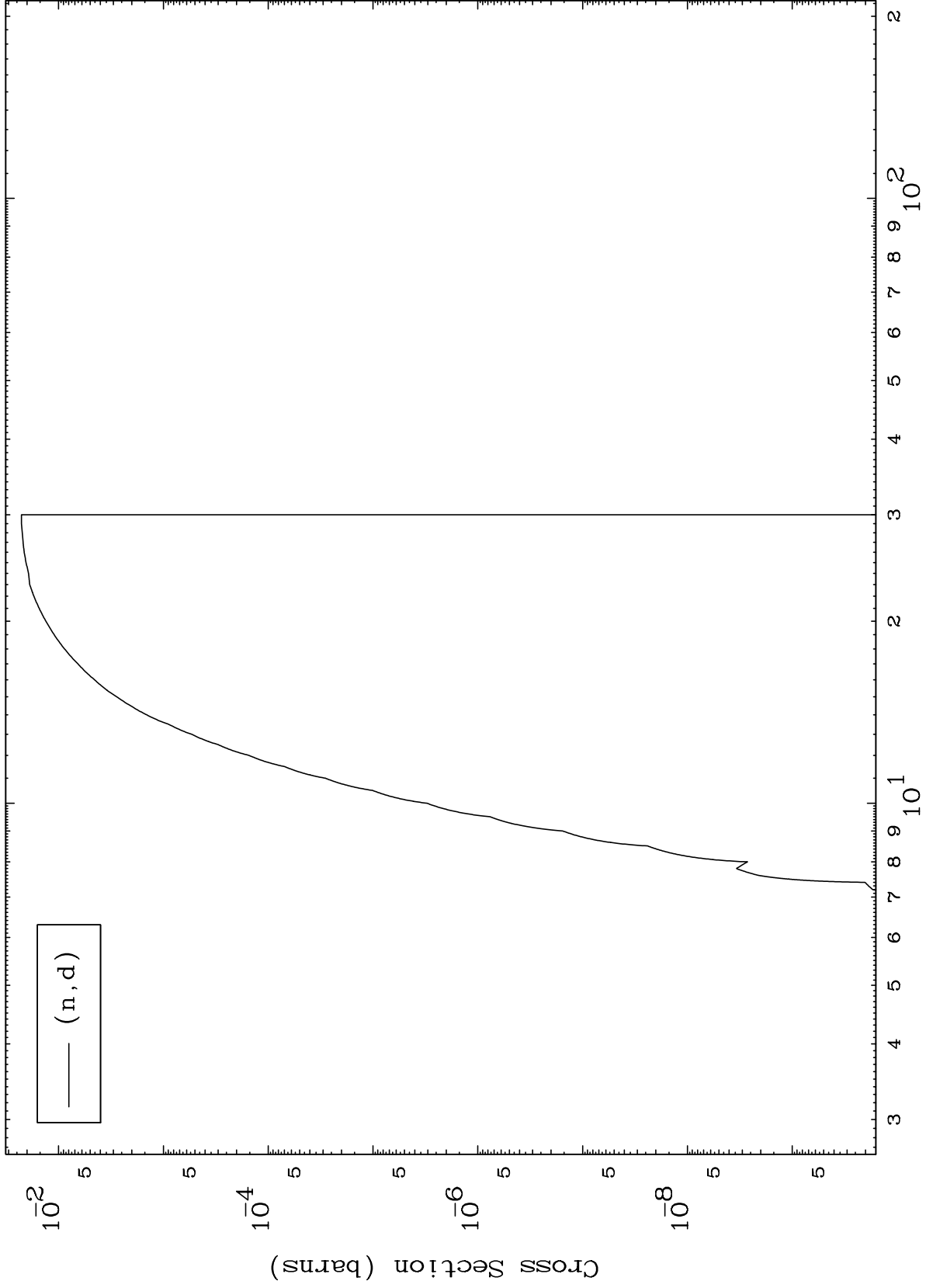
76-Os-181



MAT 7616

(n,d) Levels  
293 Kelvin Cross Sections

76-Os-181



11

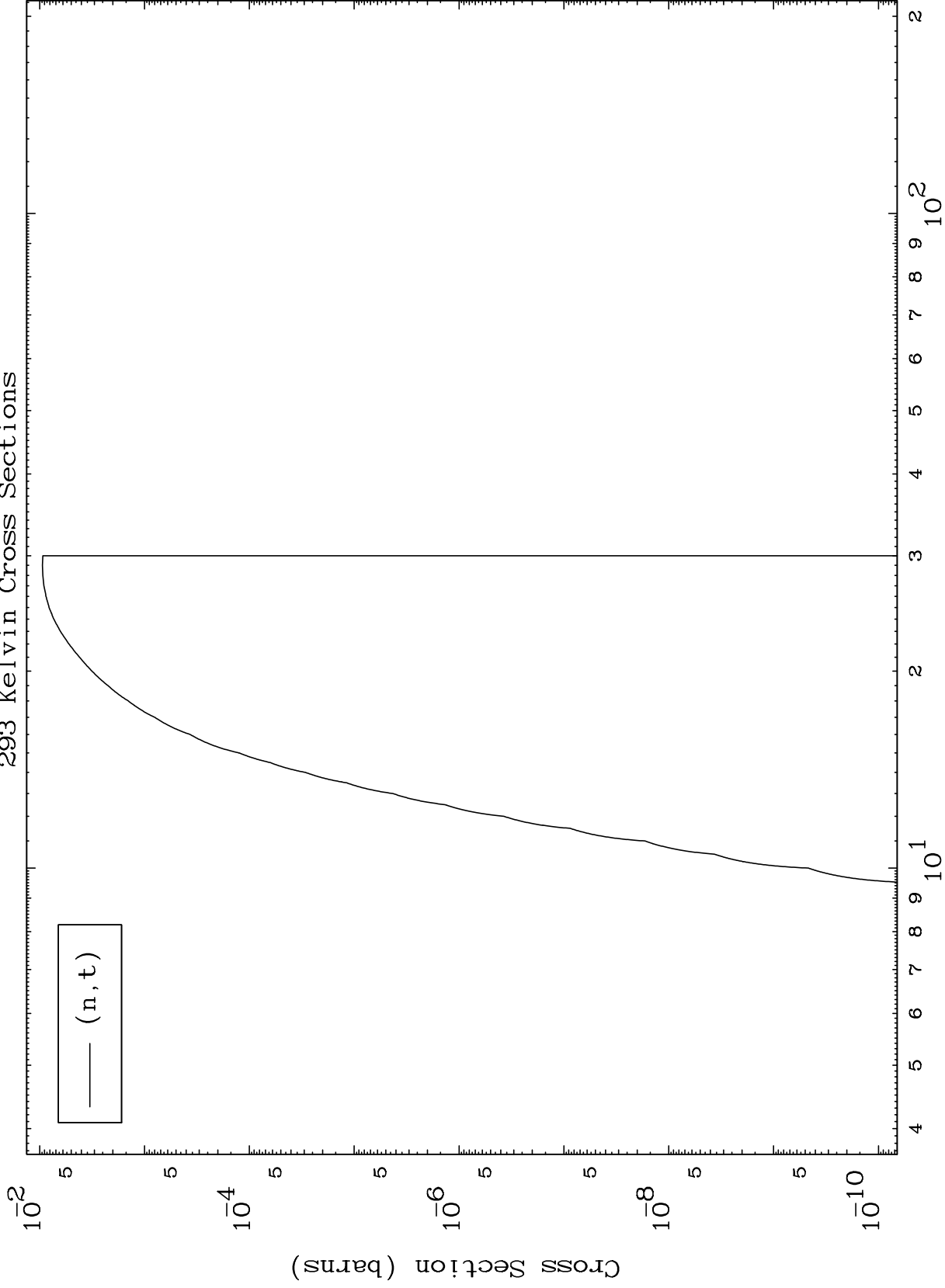
Incident Energy (MeV)

76-Os-181

MAT 7616

(n,t) Levels  
293 Kelvin Cross Sections

76-Os-181



12

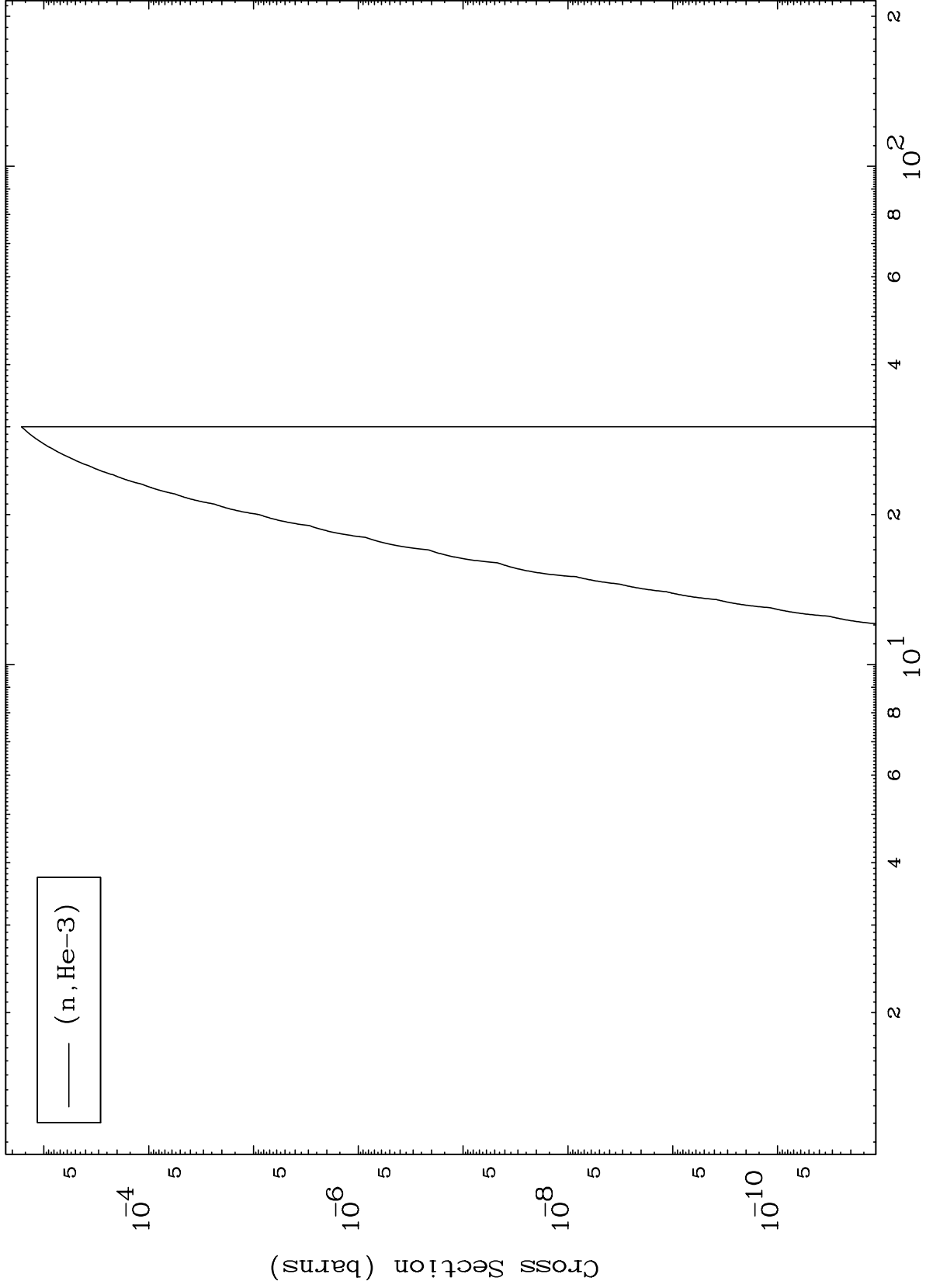
Incident Energy (MeV)

76-Os-181

MAT 7616

(n,He3) Levels  
293 Kelvin Cross Sections

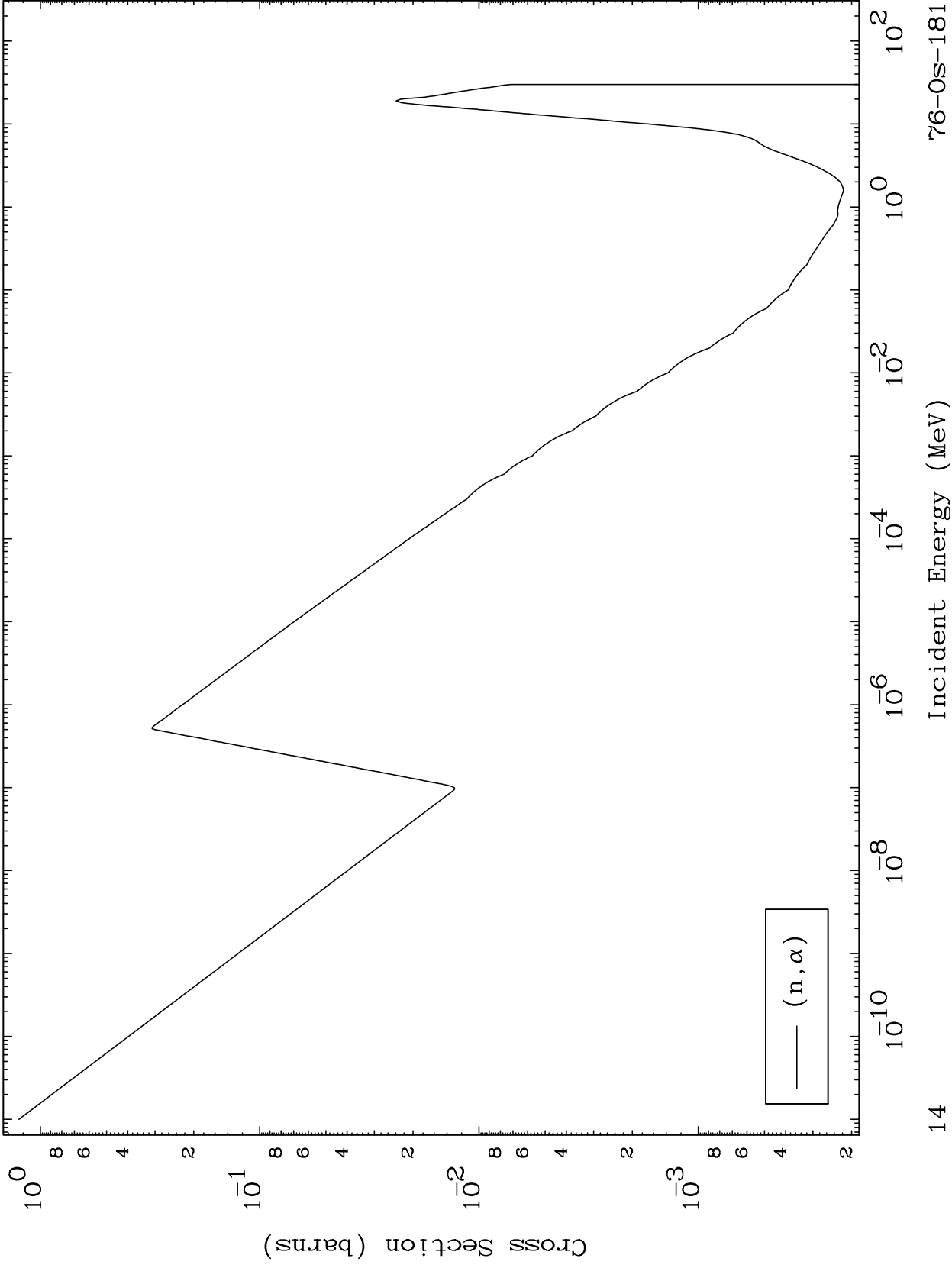
76-Os-181

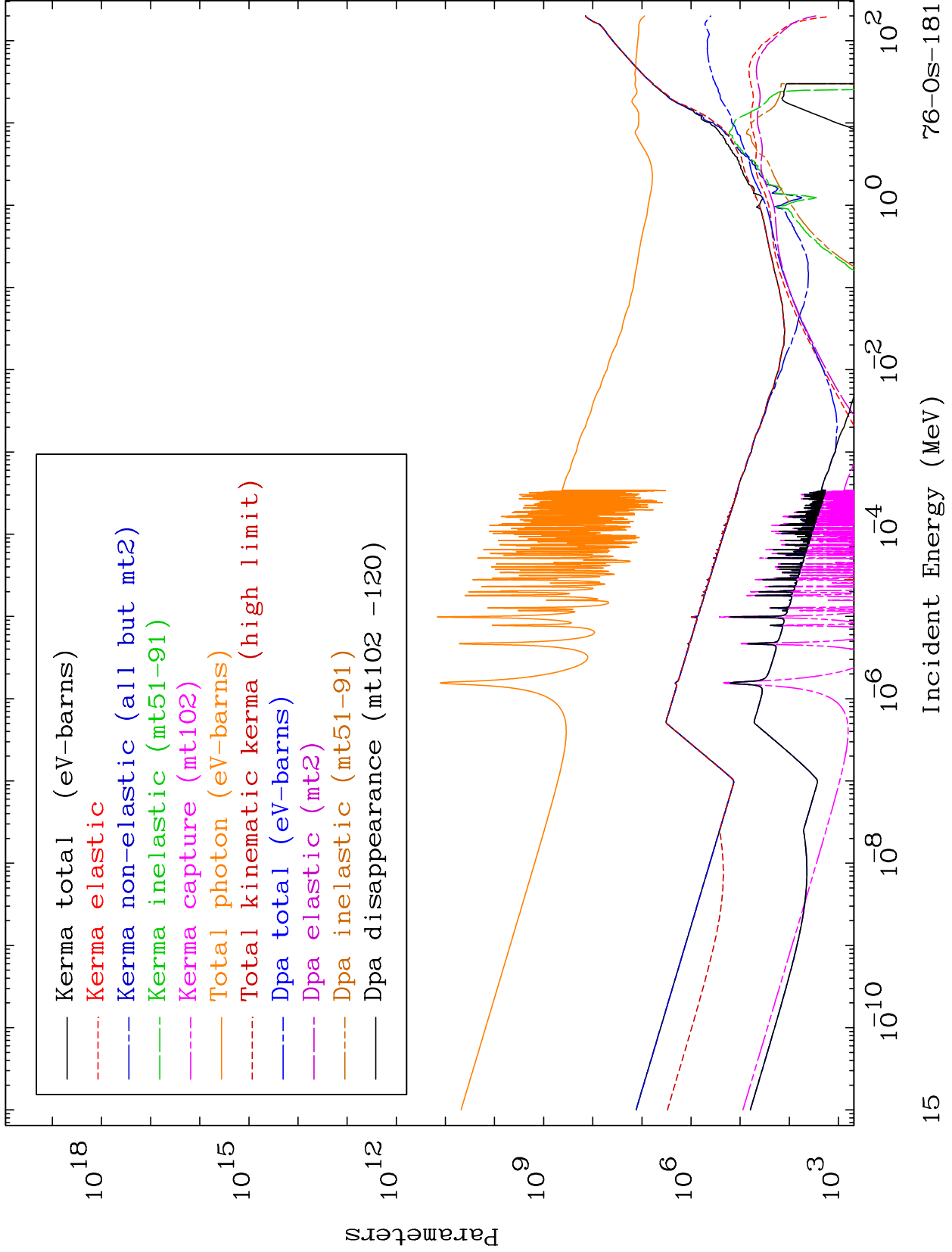


MAT 7616

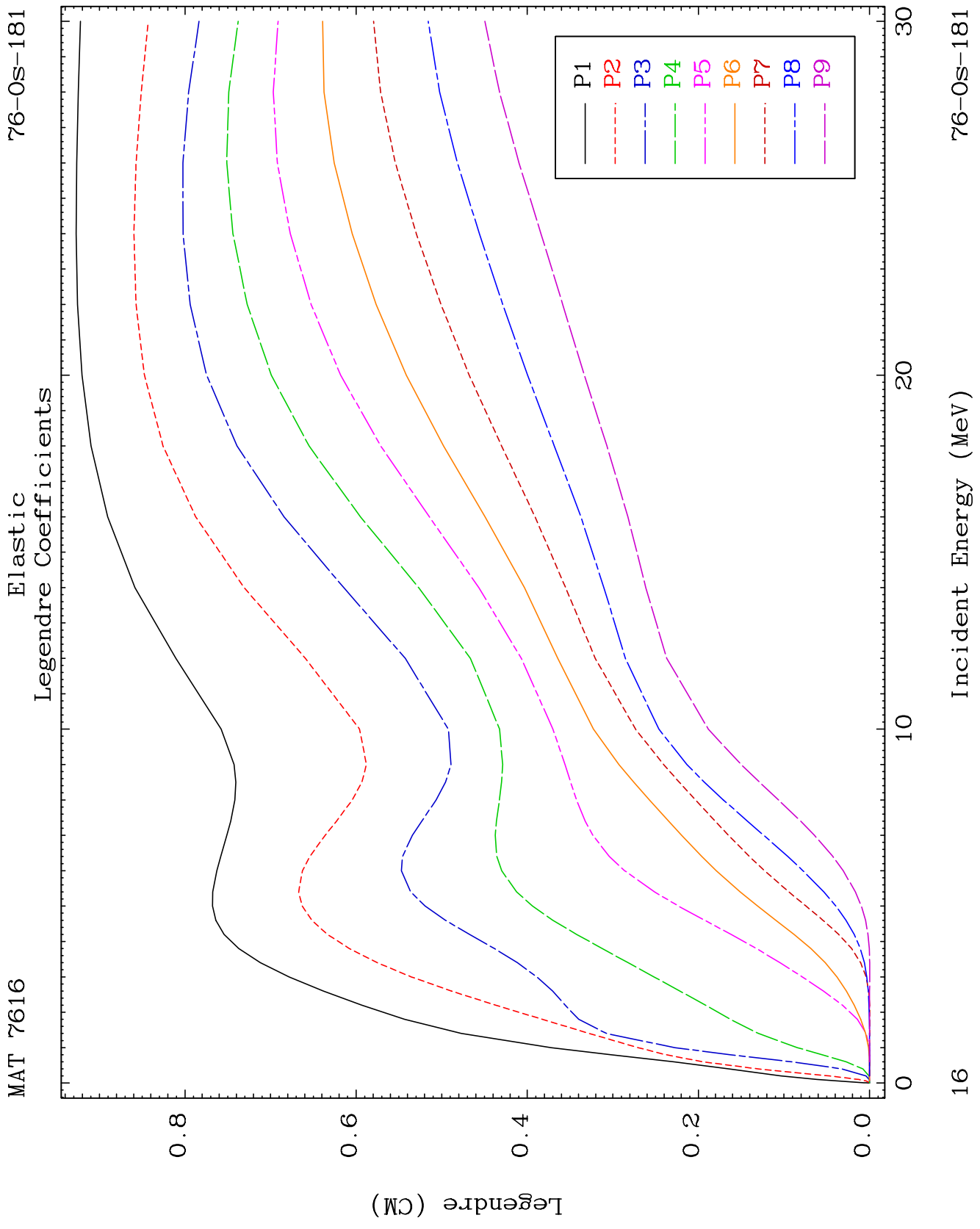
(n,α) Levels  
293 Kelvin Cross Sections

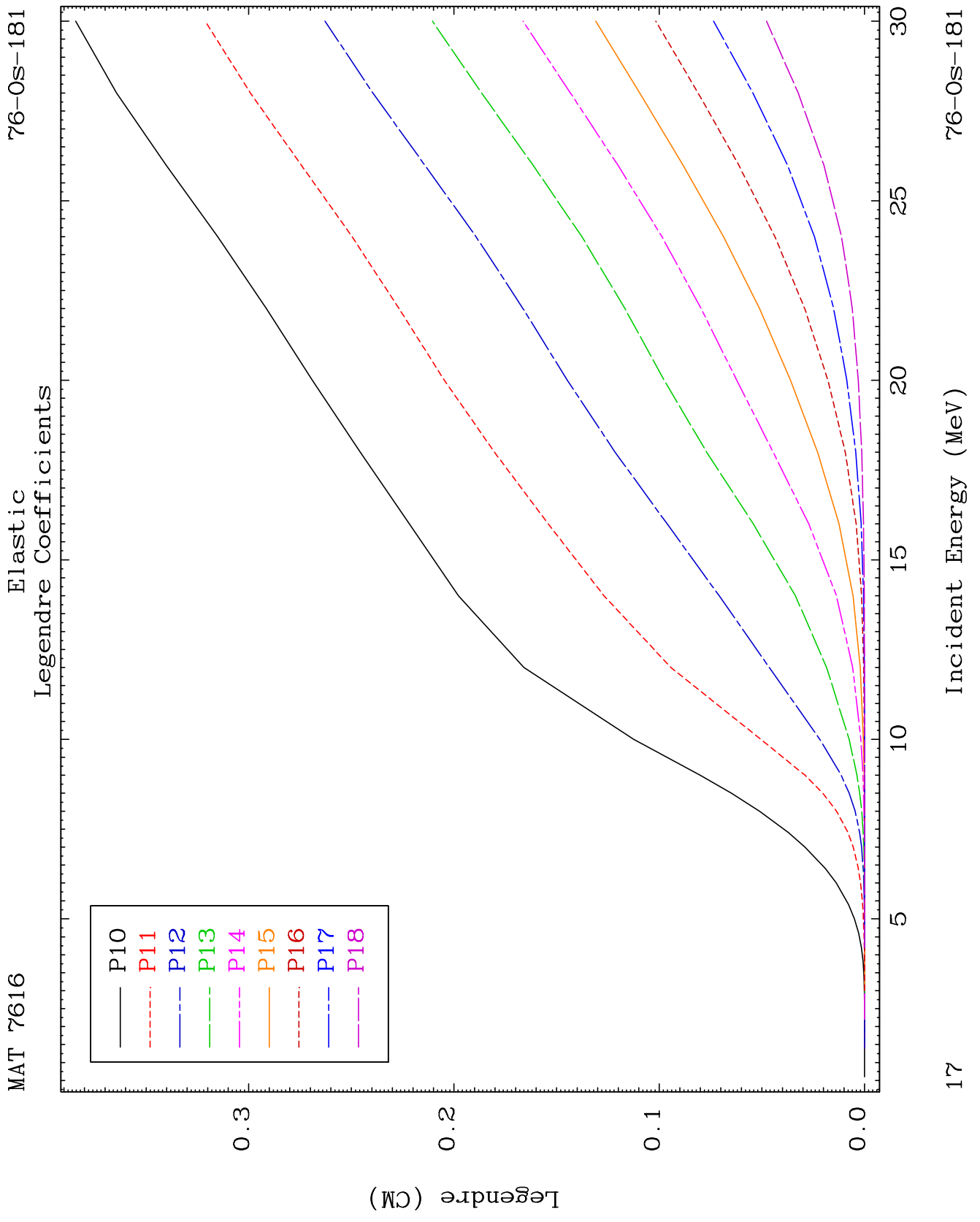
76-Os-181







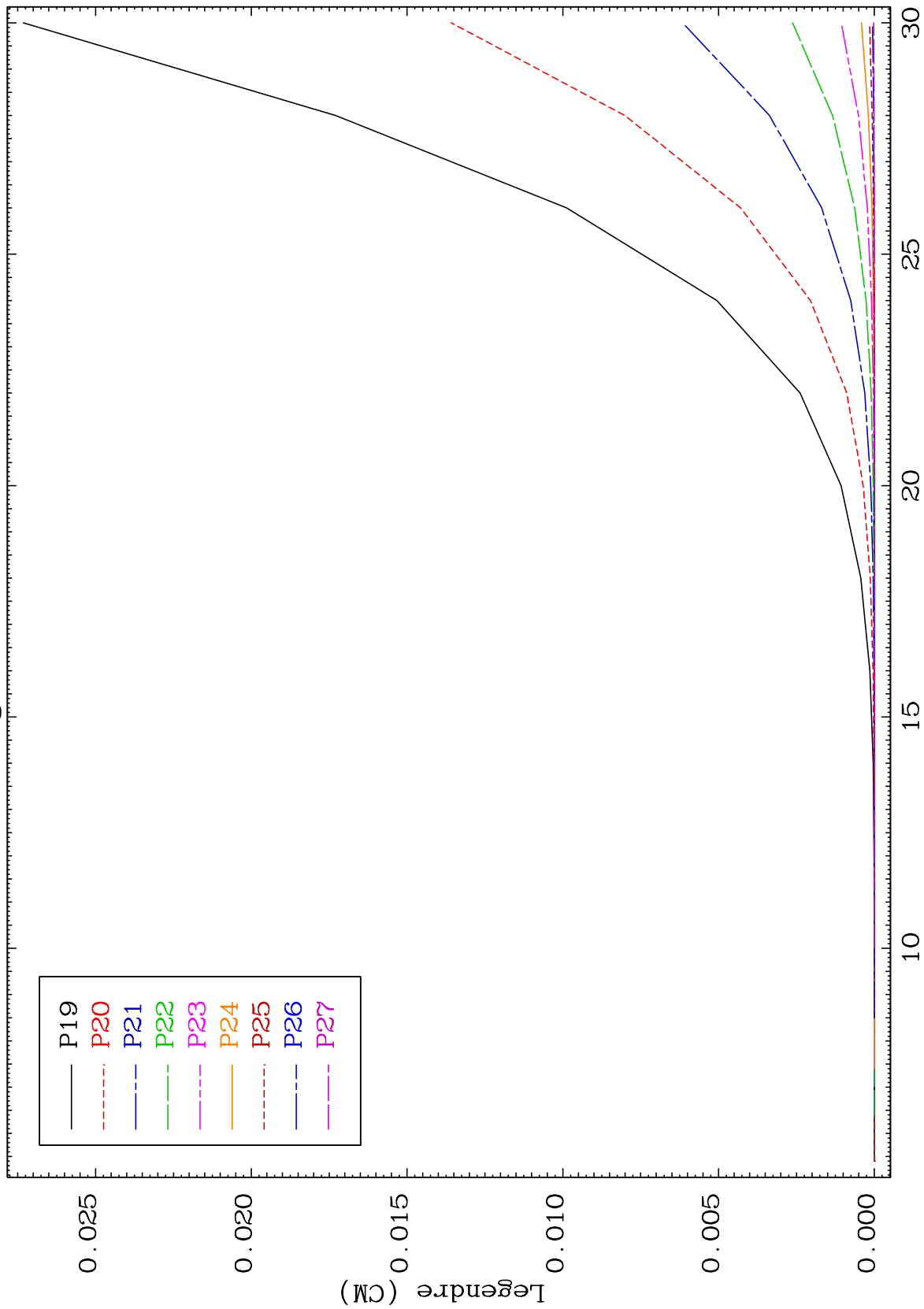




MAT 7616

Elastic Legendre Coefficients

76-Os-181



18

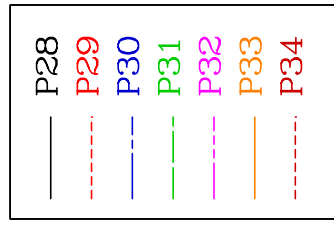
Incident Energy (MeV)

76-Os-181

MAT 7616

Elastic  
Legendre Coefficients

76-Os-181



$\times 10^{-6}$

6

Legendre (CM)

4

2

0

15

20

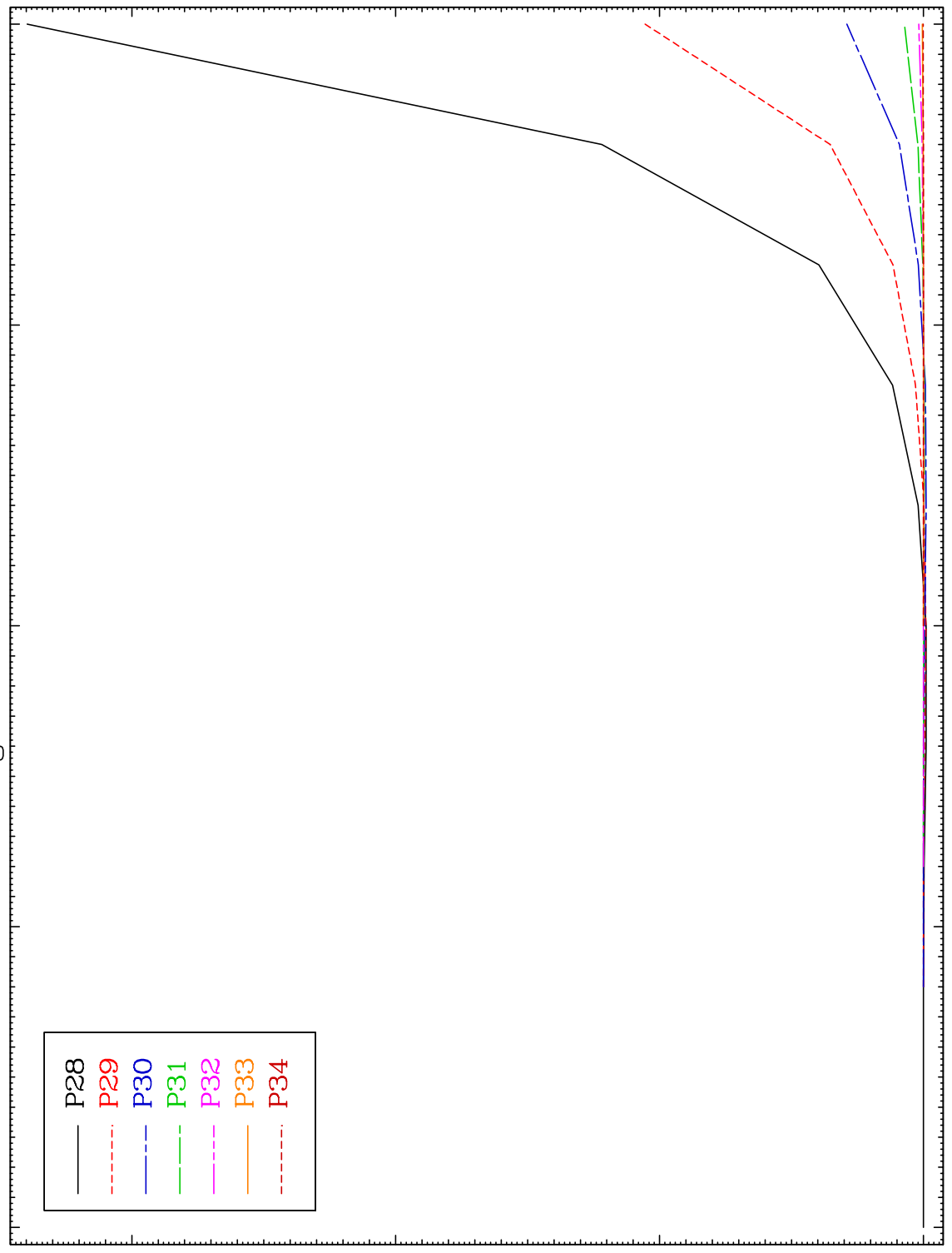
25

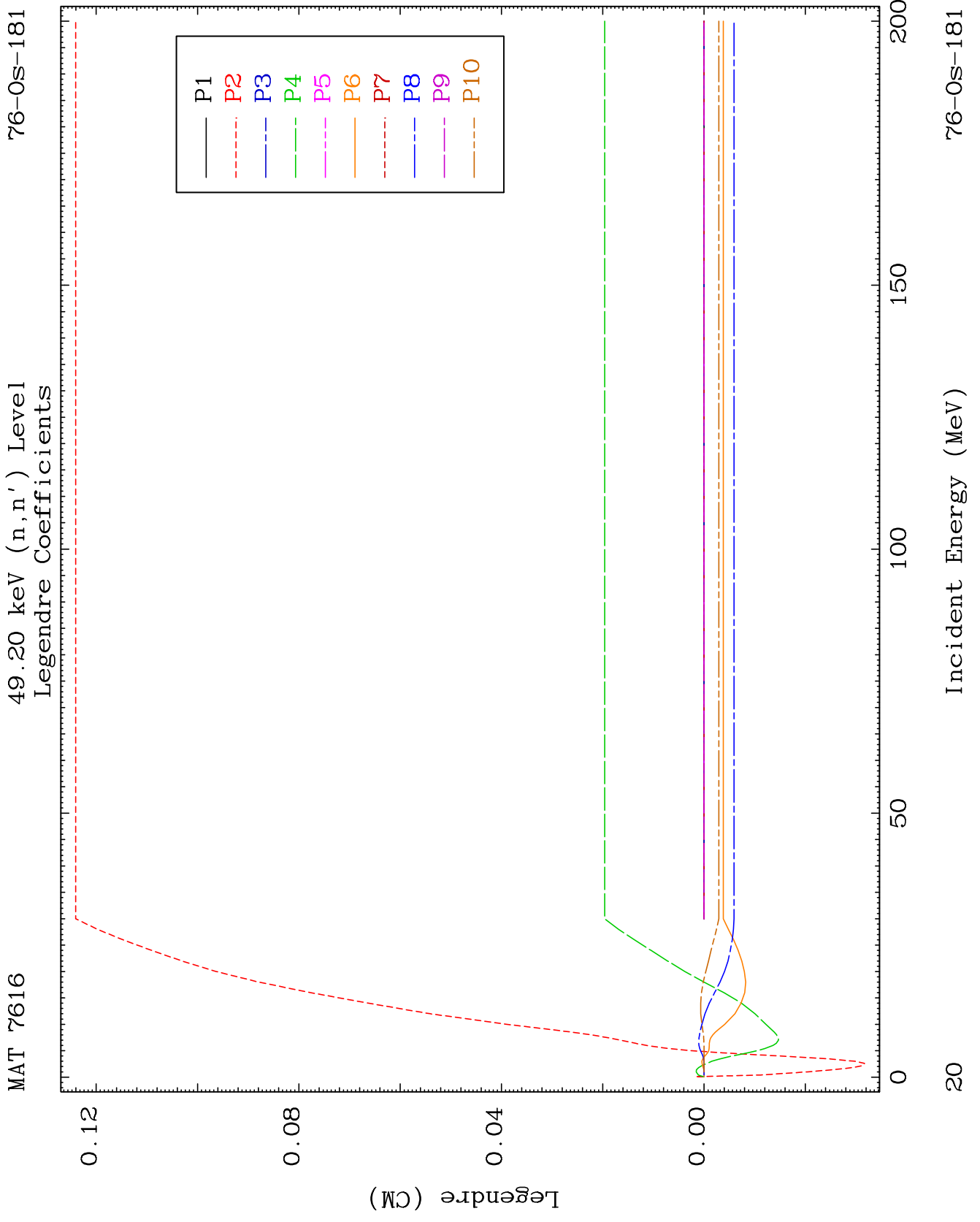
30

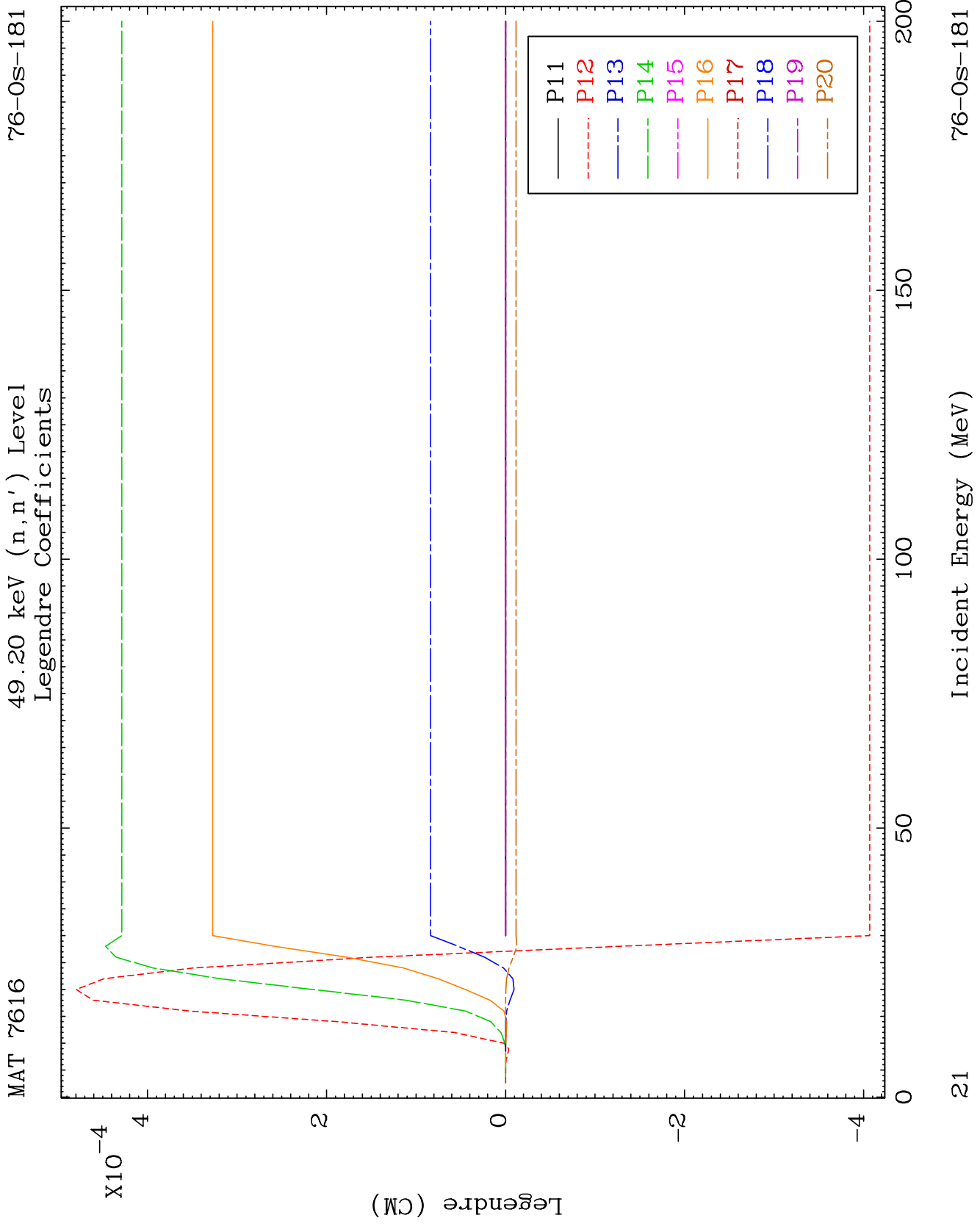
19

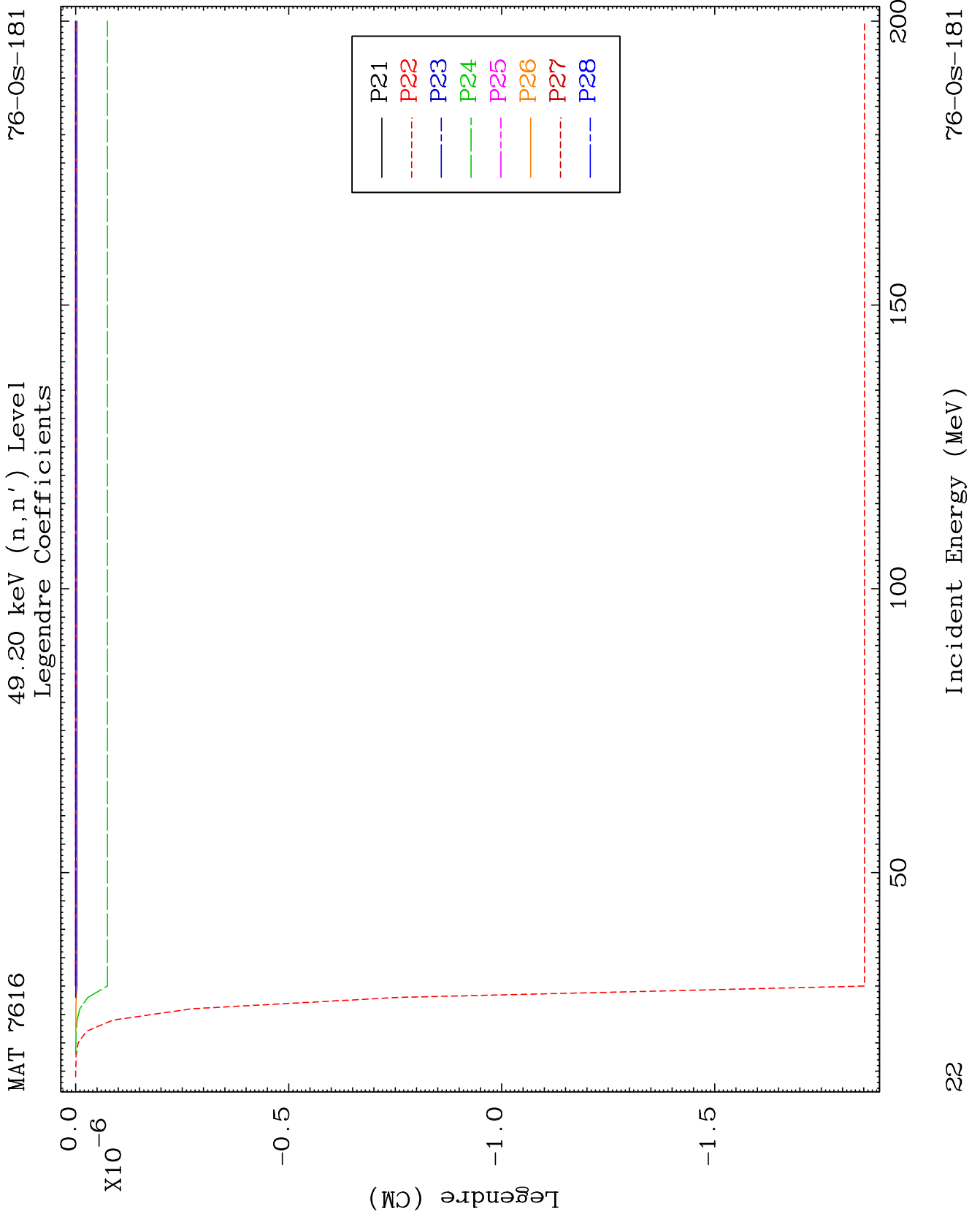
Incident Energy (MeV)

76-Os-181





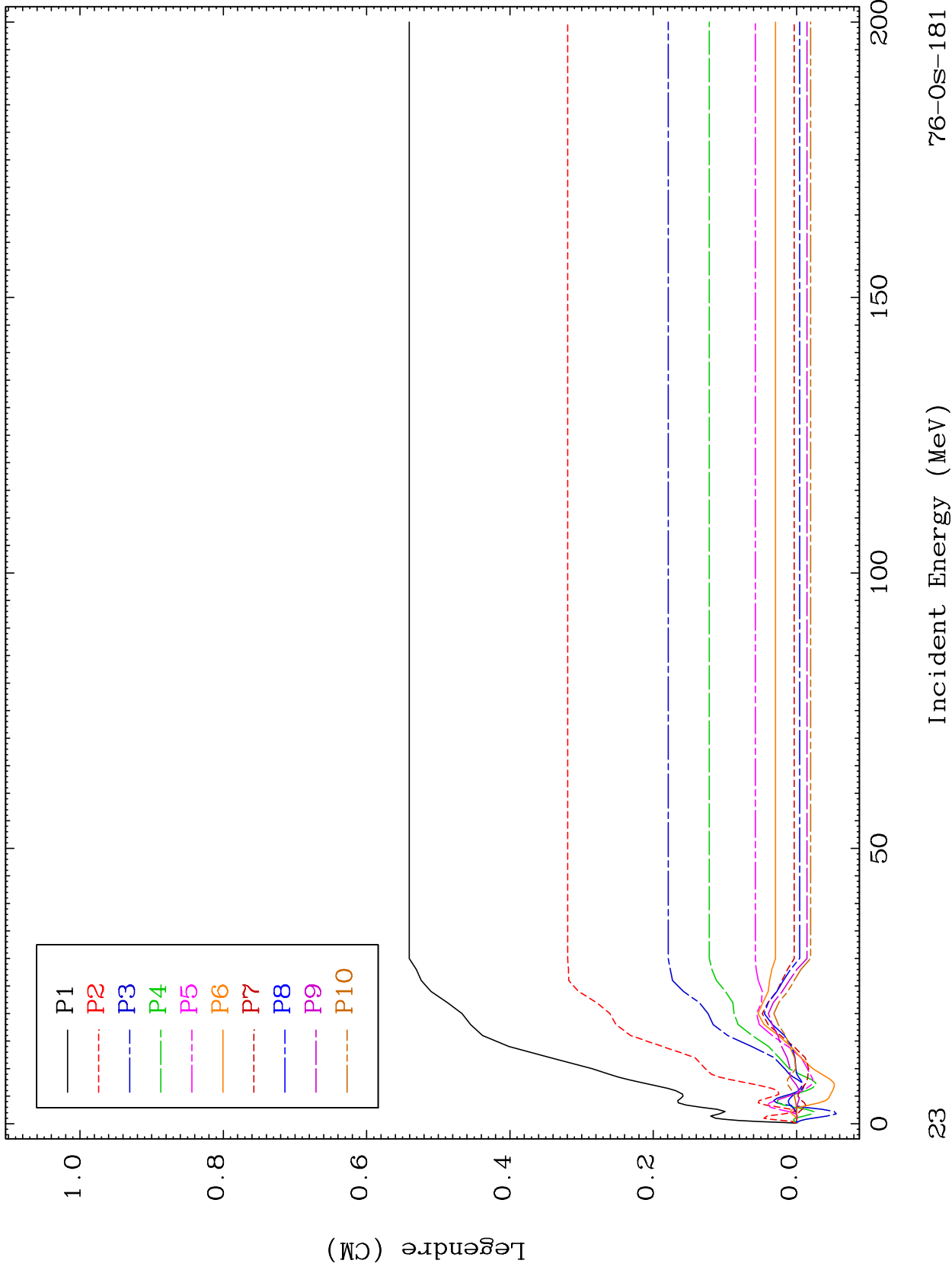




MAT 7616

93.90 keV (n, n') Level  
Legendre Coefficients

76-Os-181



23

Incident Energy (MeV)

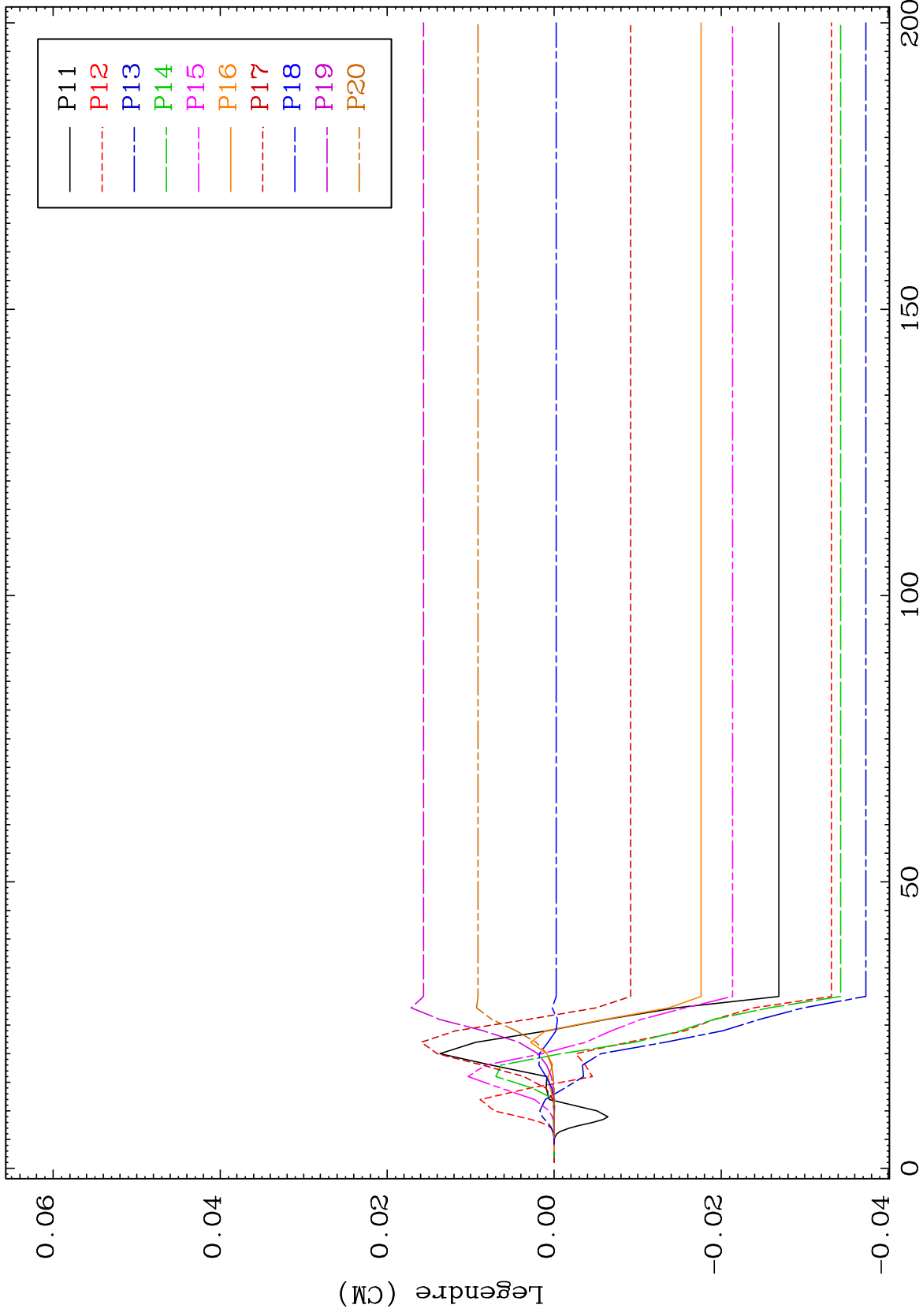
76-Os-181



MAT 7616

93.90 keV (n,n') Level  
Legendre Coefficients

76-Os-181



24

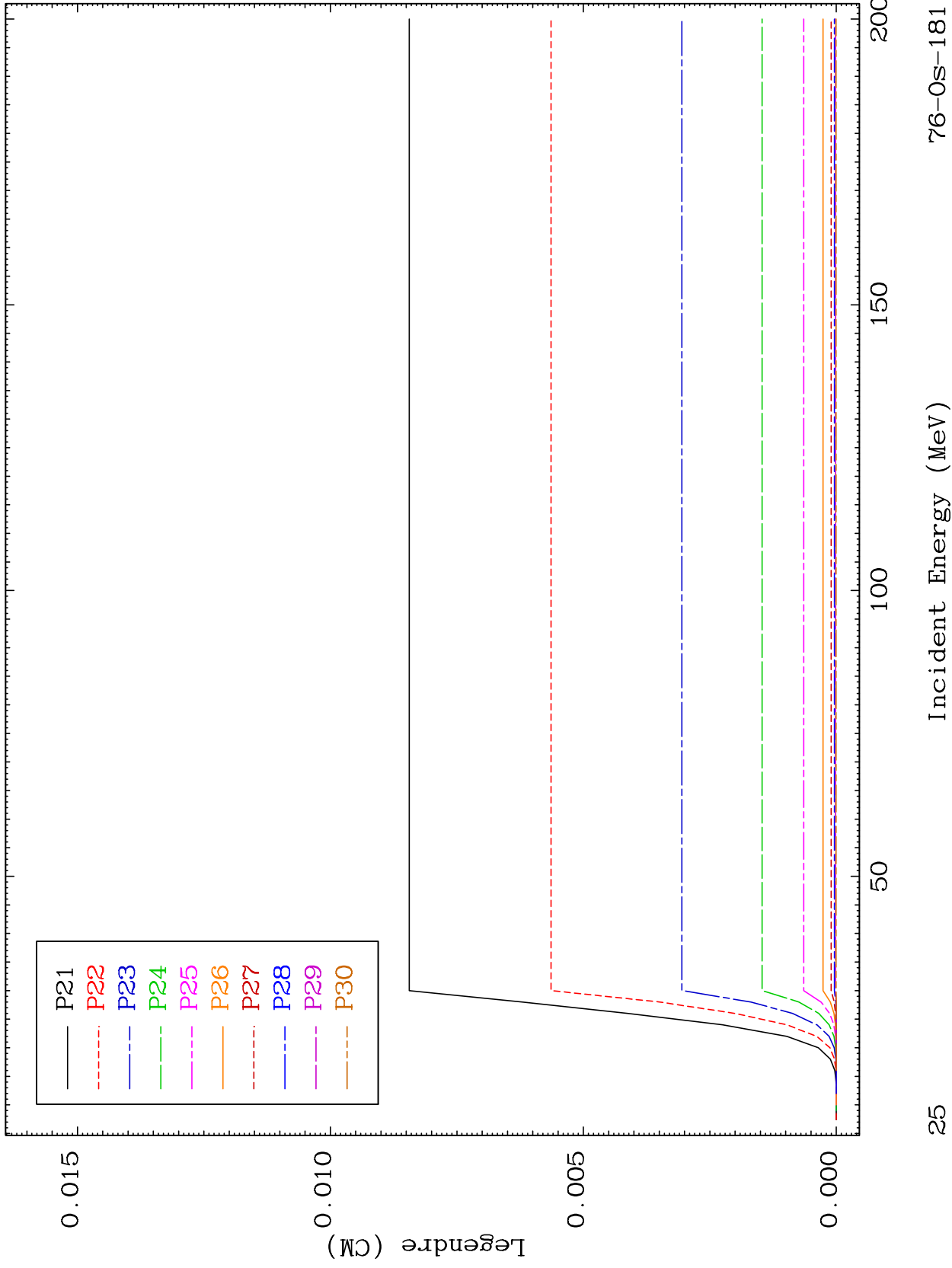
Incident Energy (MeV)

76-Os-181

MAT 7616

93.90 keV (n,n') Level  
Legendre Coefficients

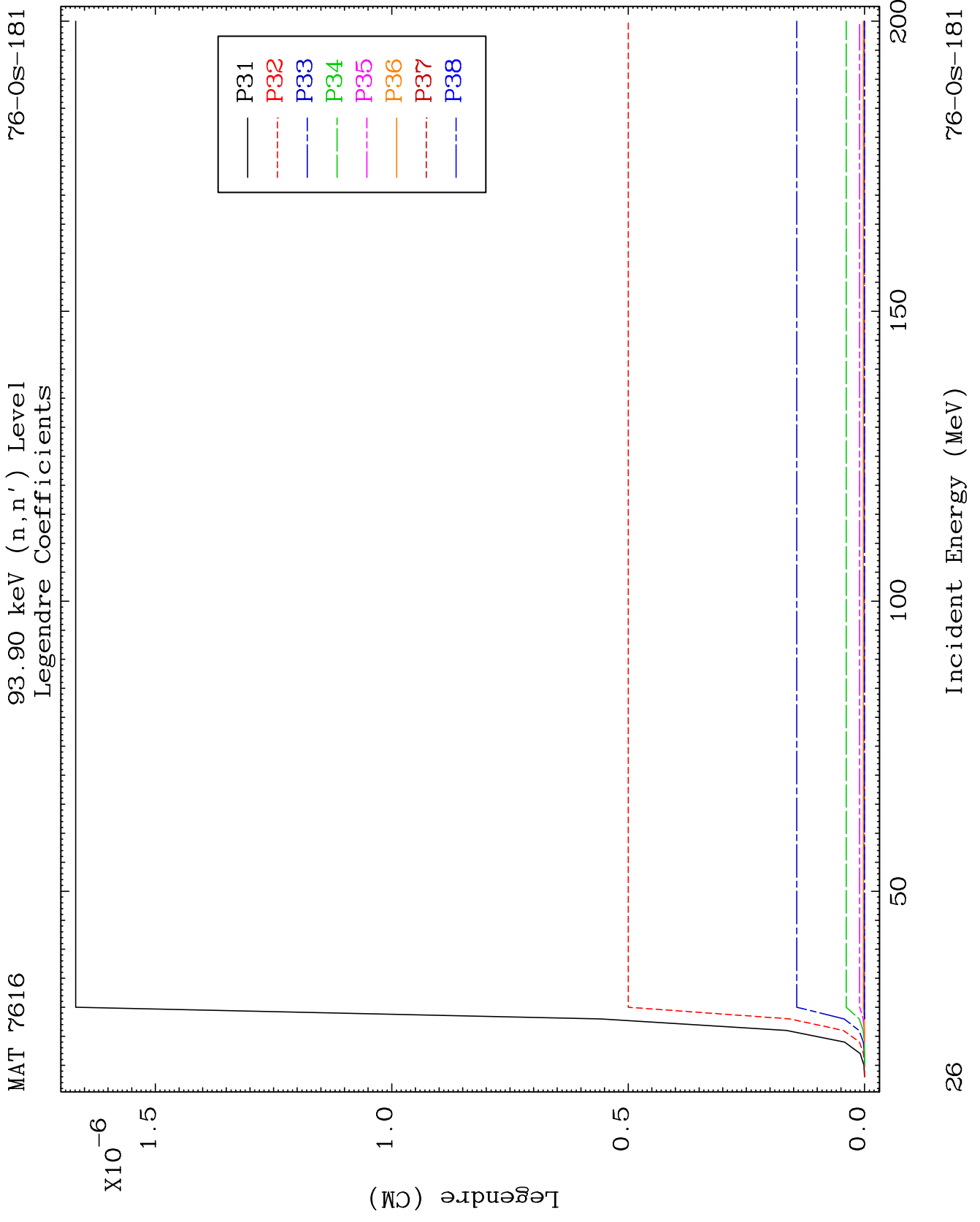
76-Os-181



25

Incident Energy (MeV)

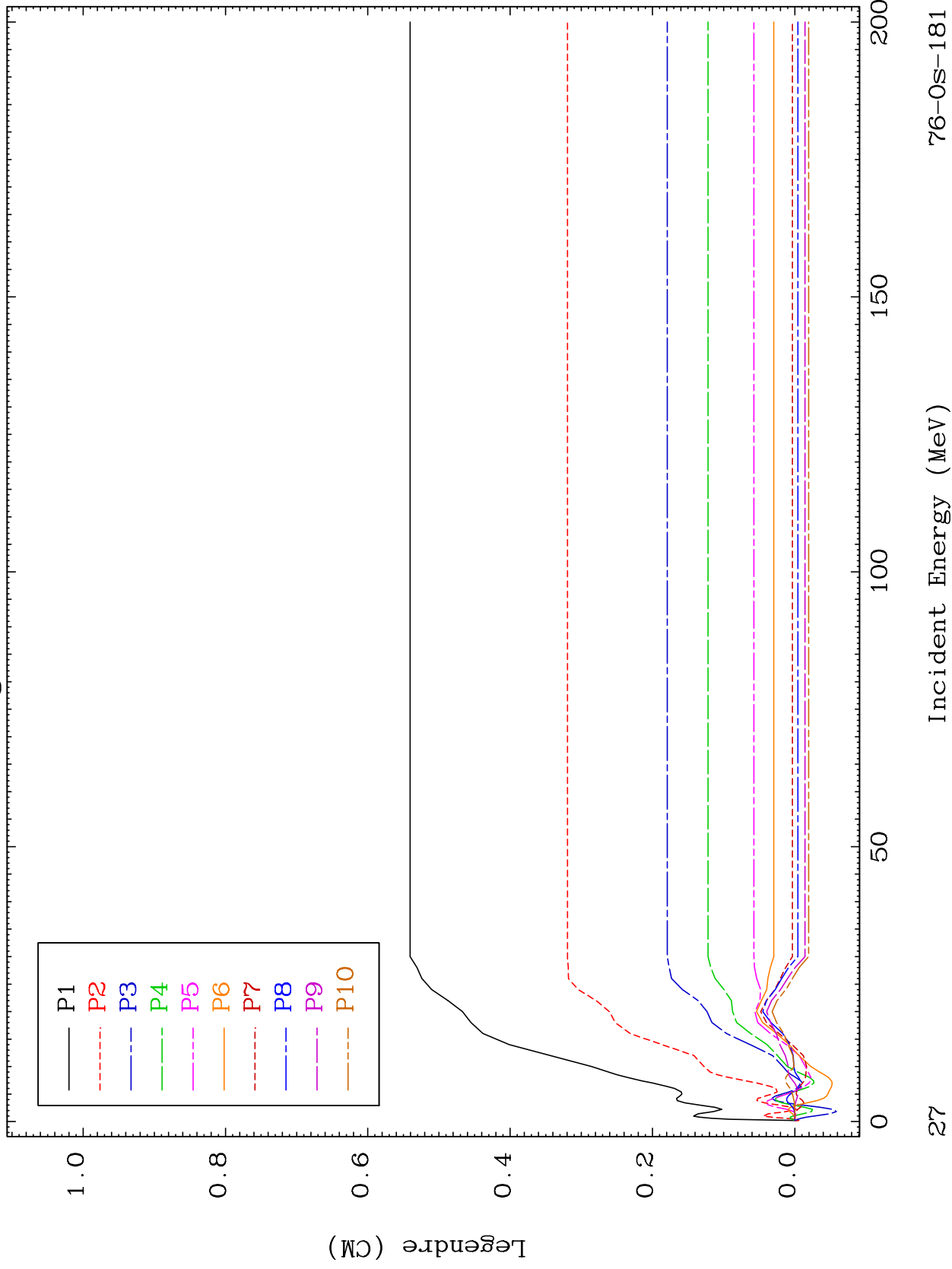
76-Os-181



MAT 7616

102.8 keV (n, n') Level  
Legendre Coefficients

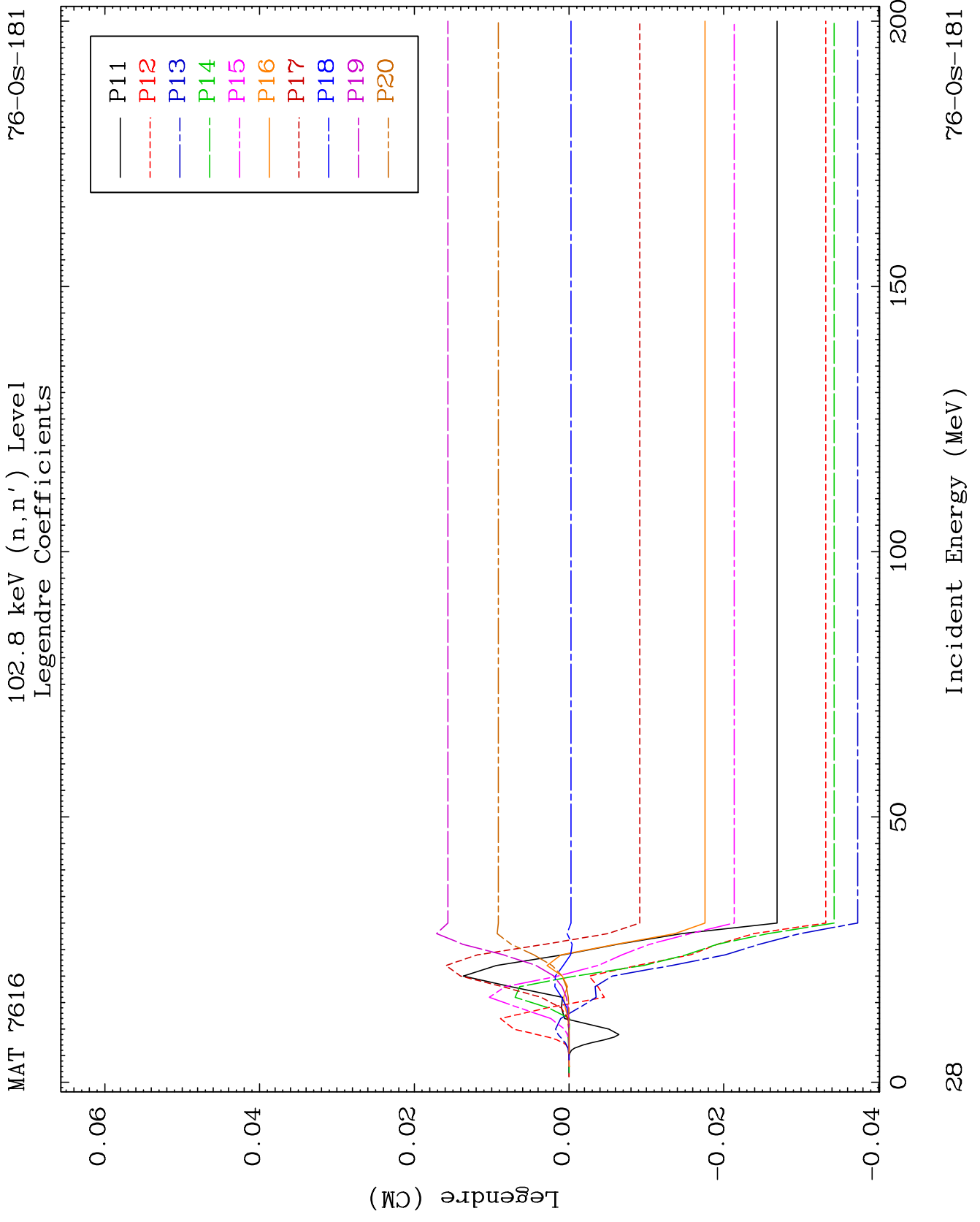
76-Os-181

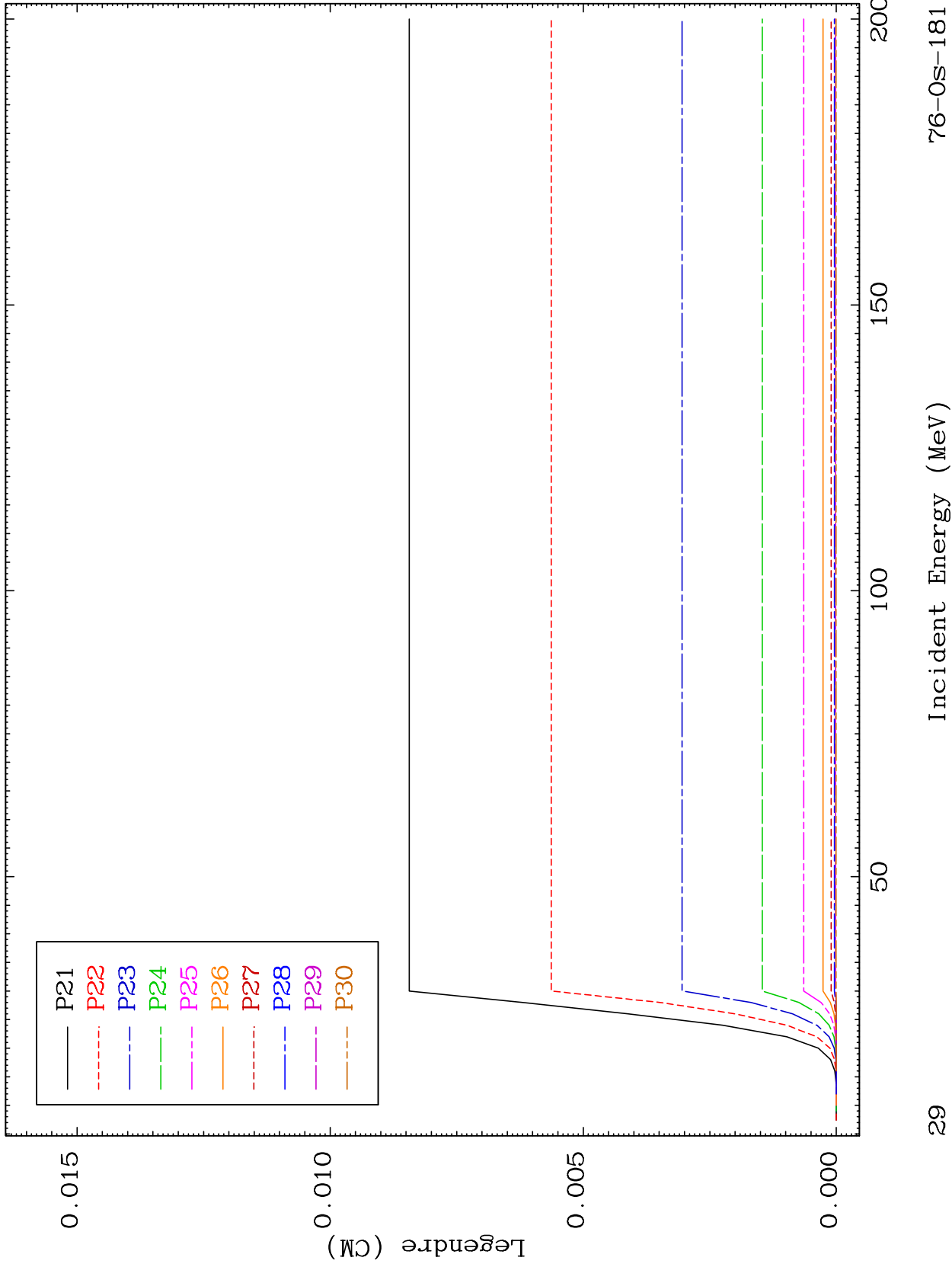


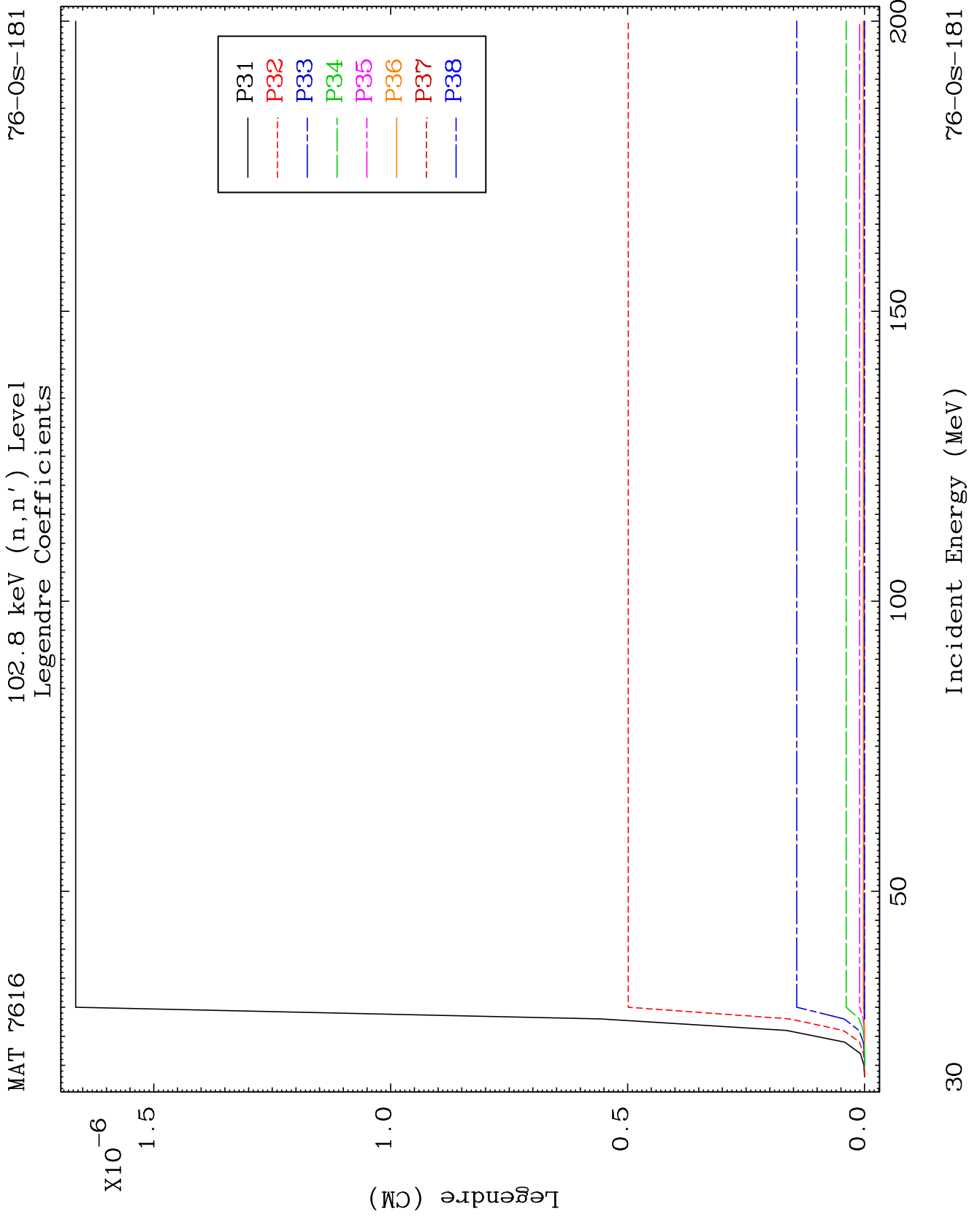
27

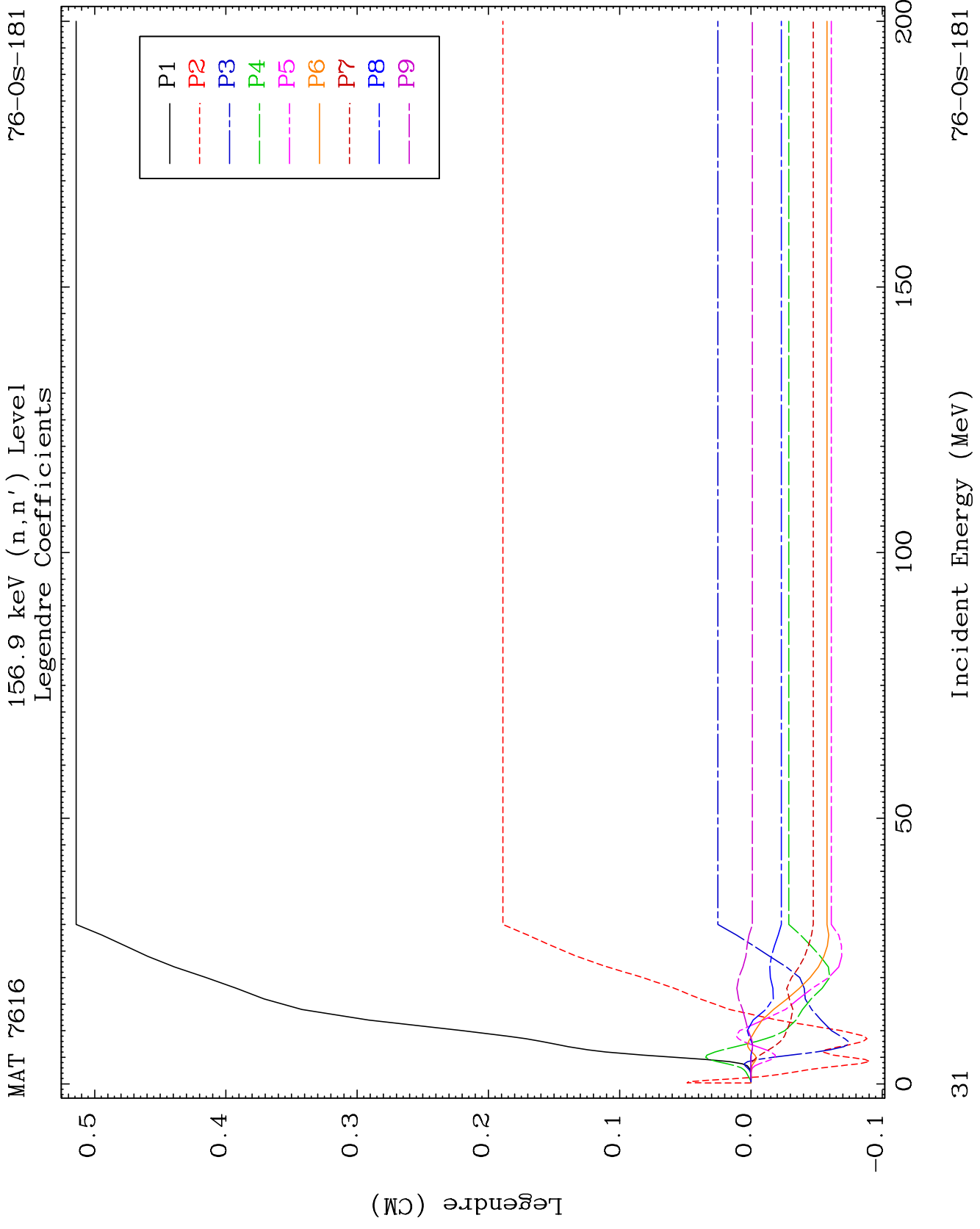
Incident Energy (MeV)

76-Os-181

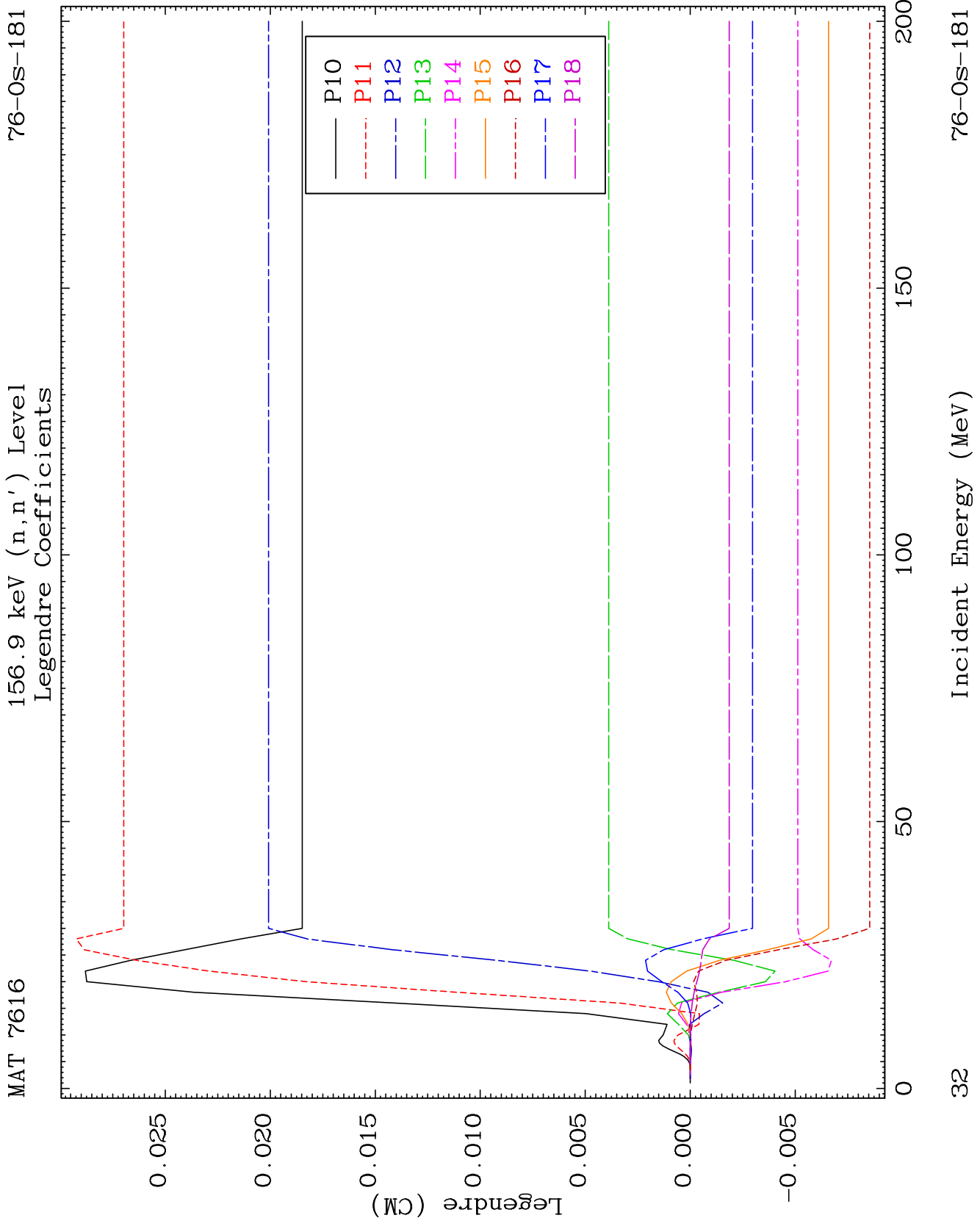


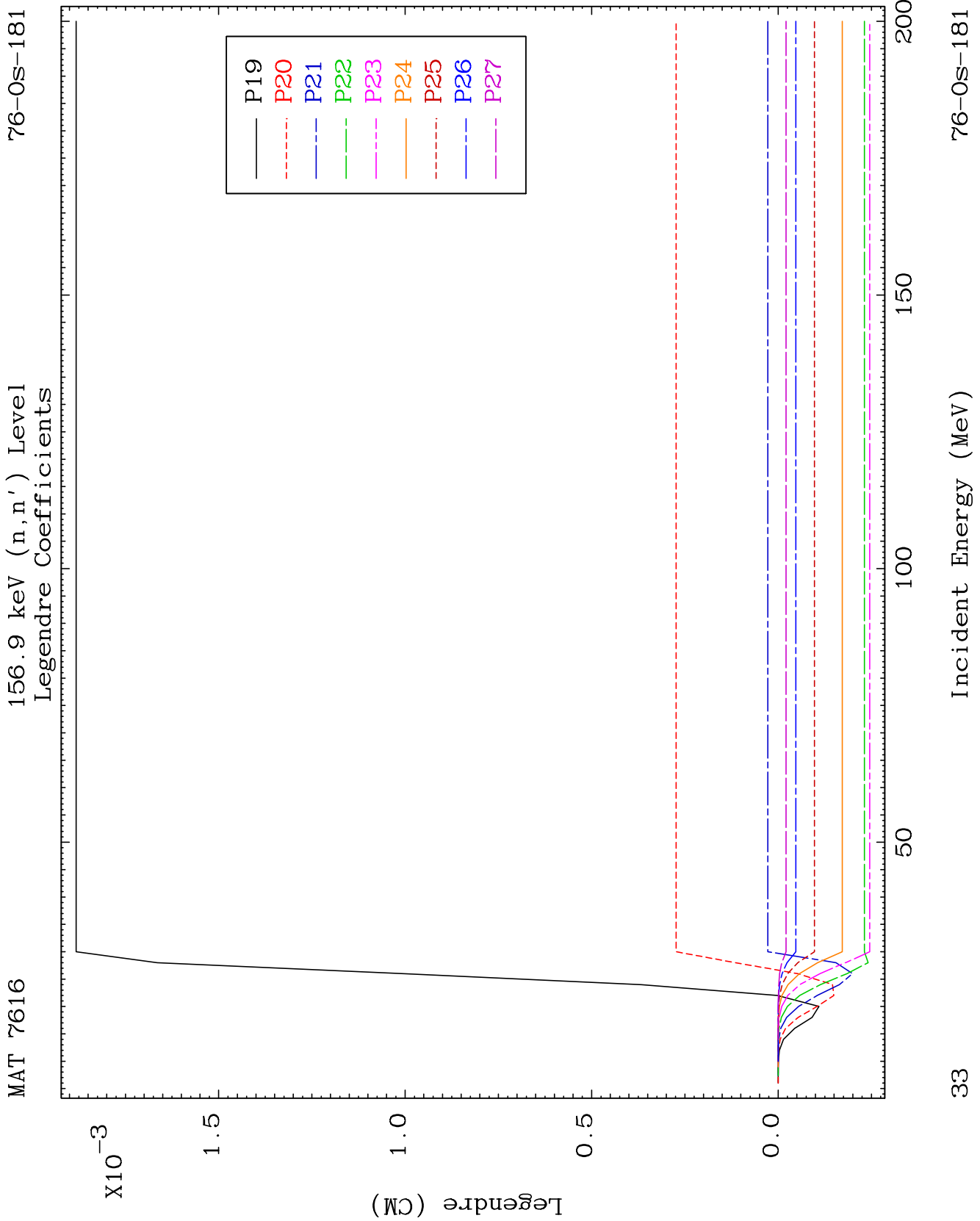


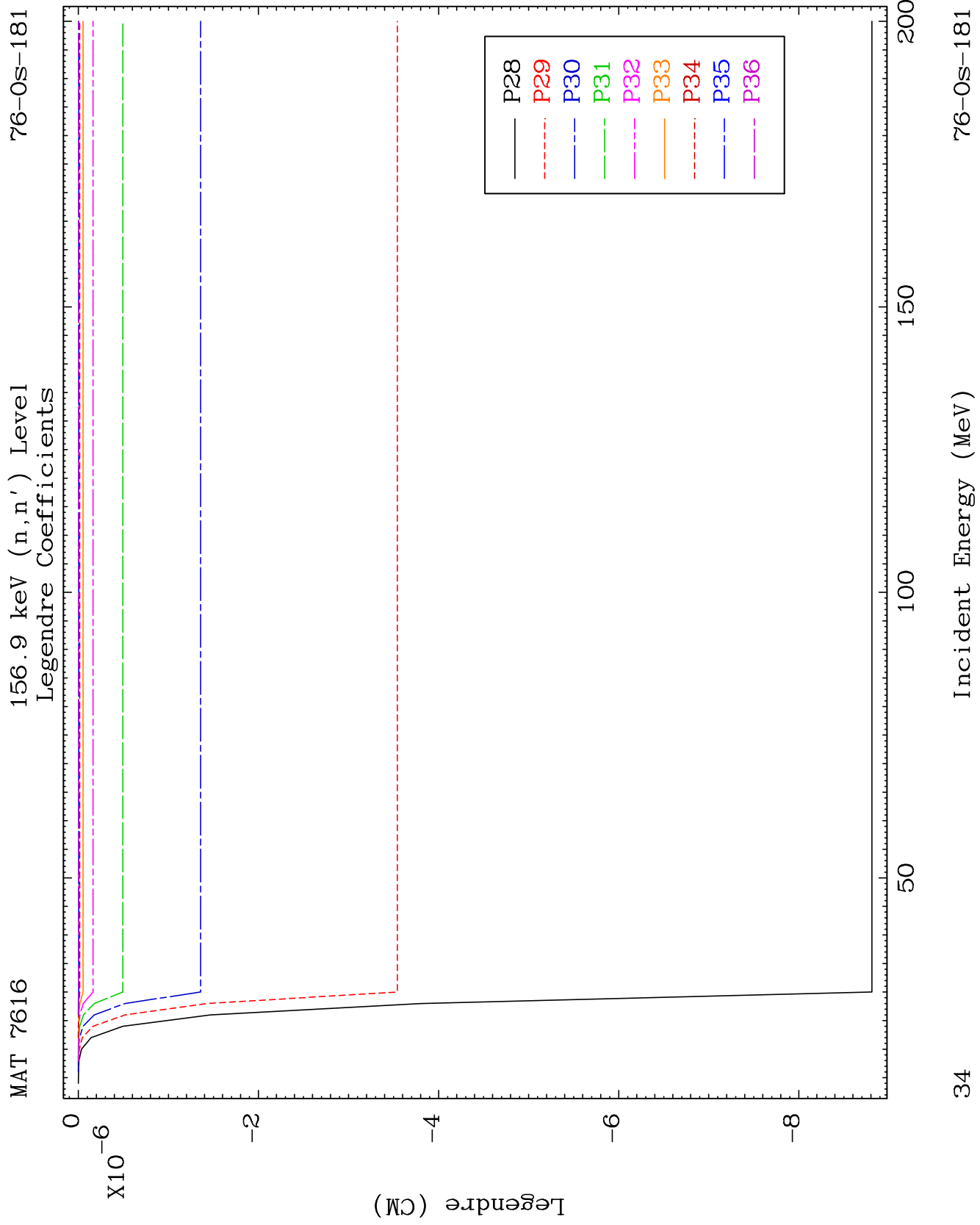


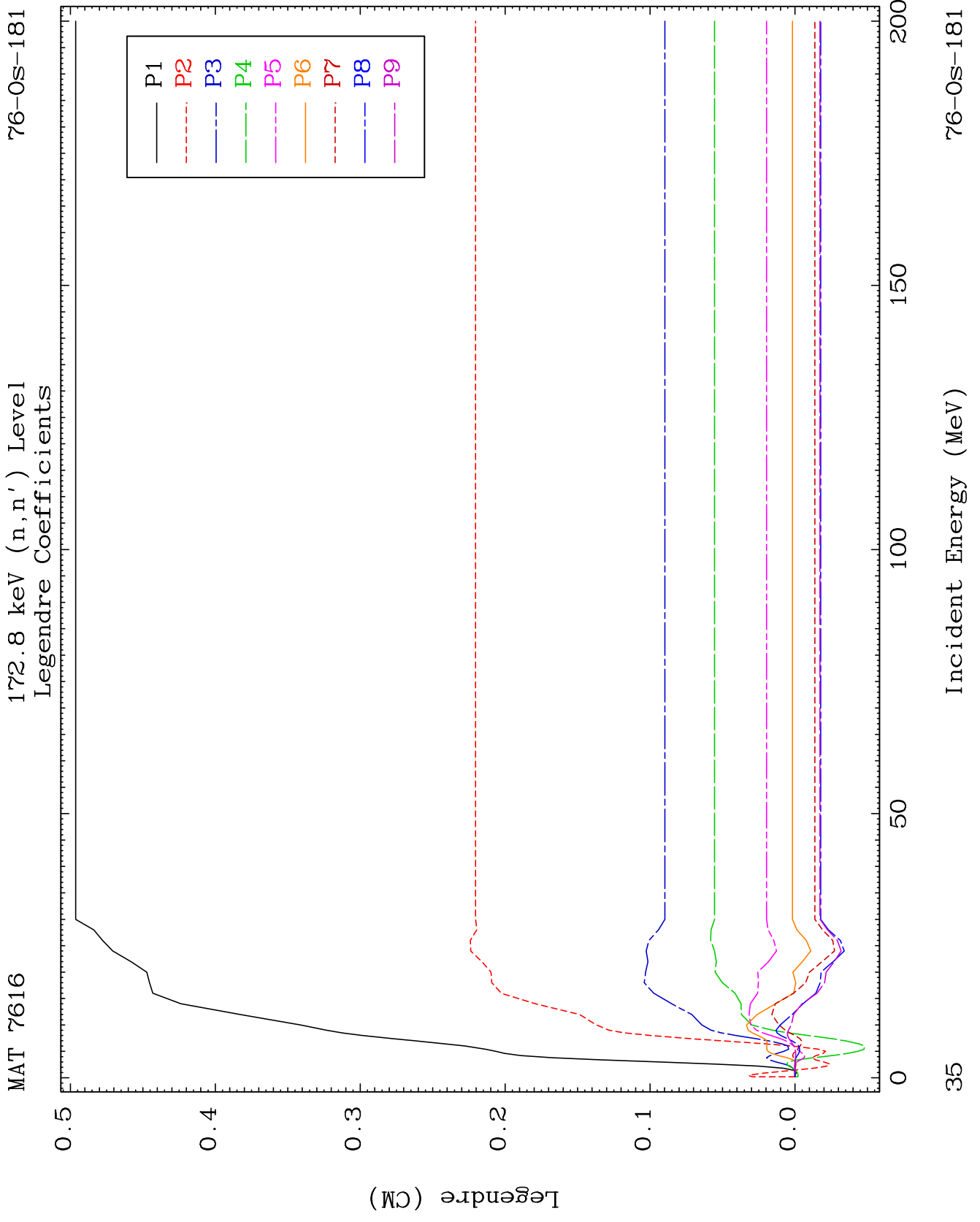


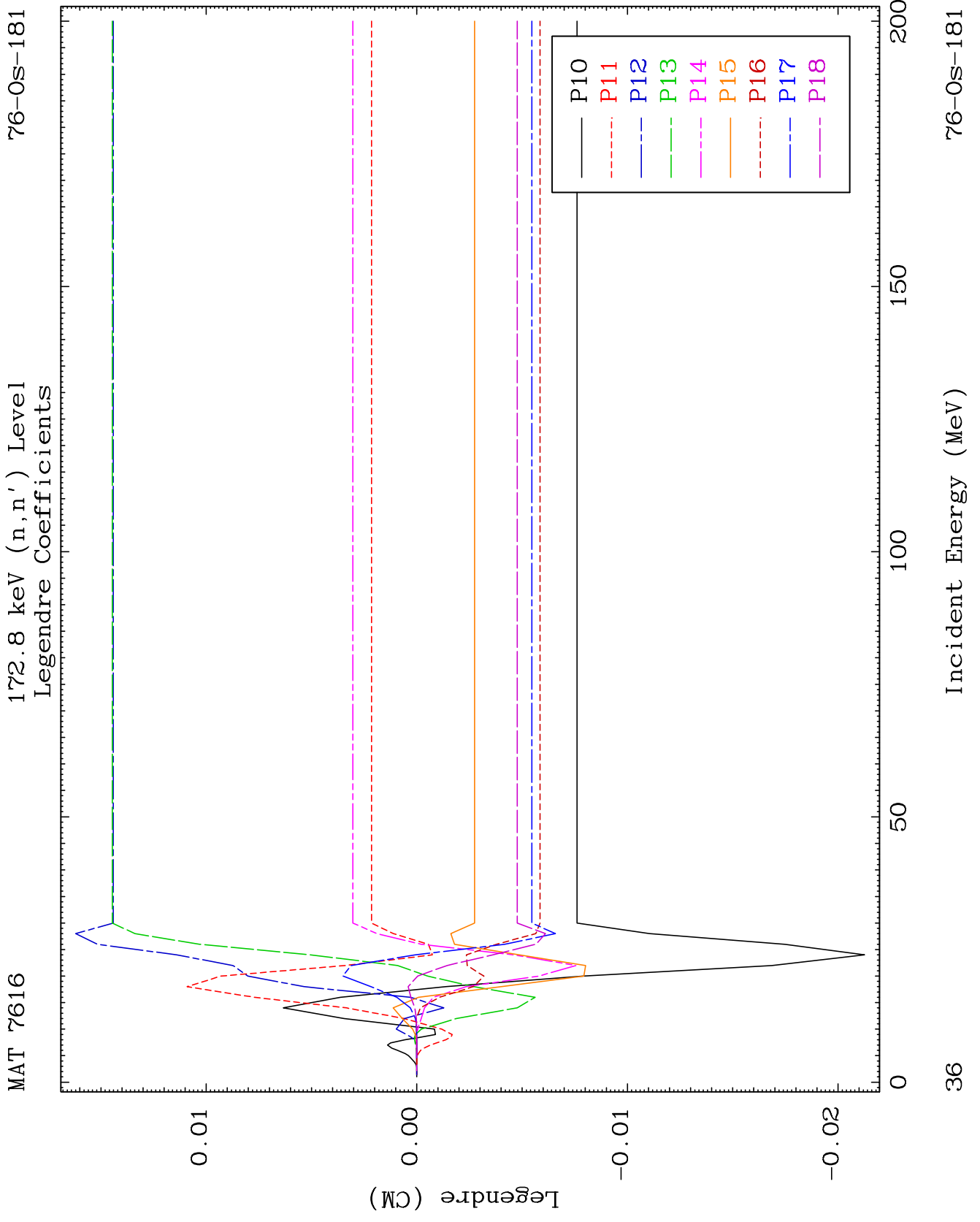




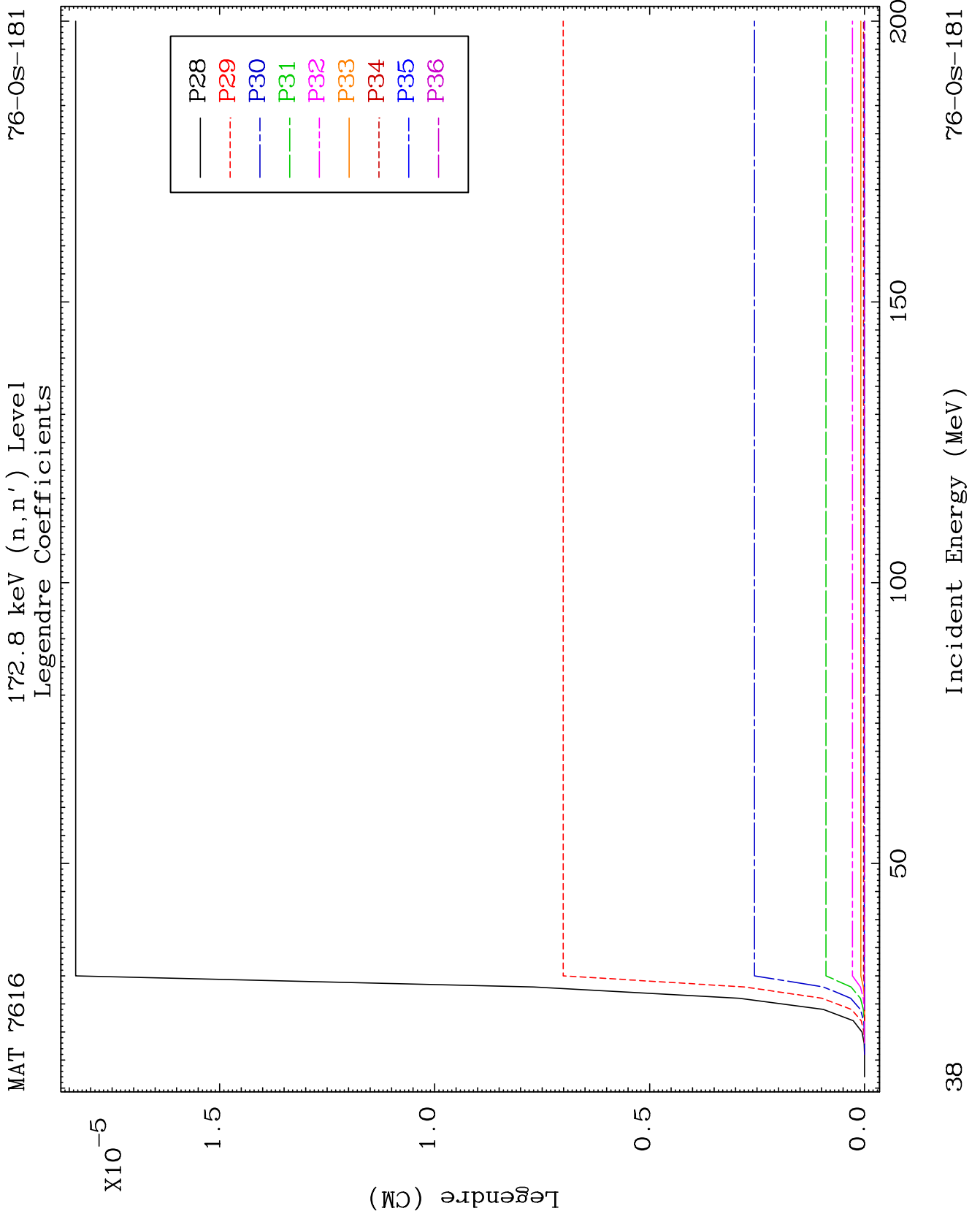








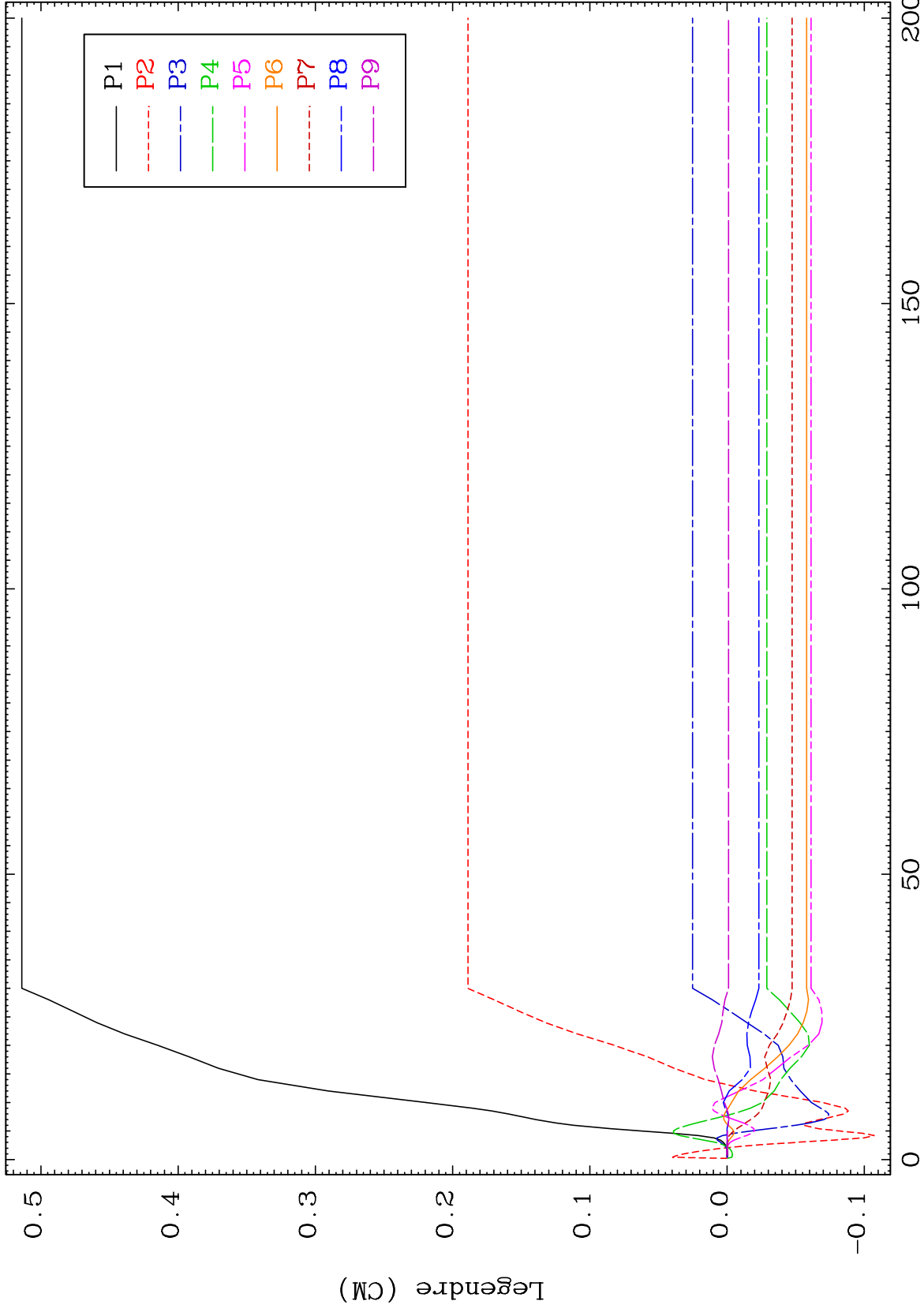




MAT 7616

200.3 keV (n,n') Level  
Legendre Coefficients

76-Os-181

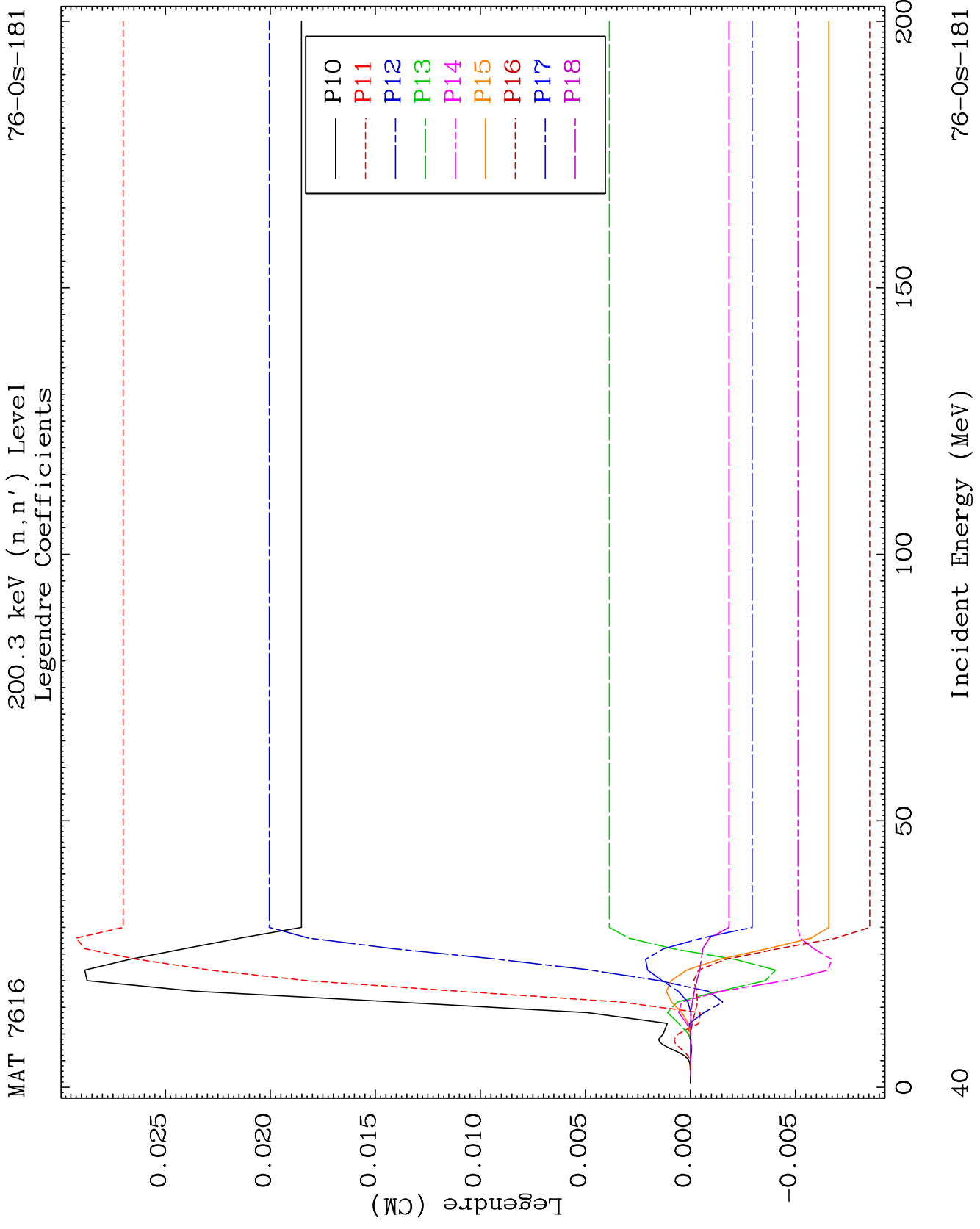


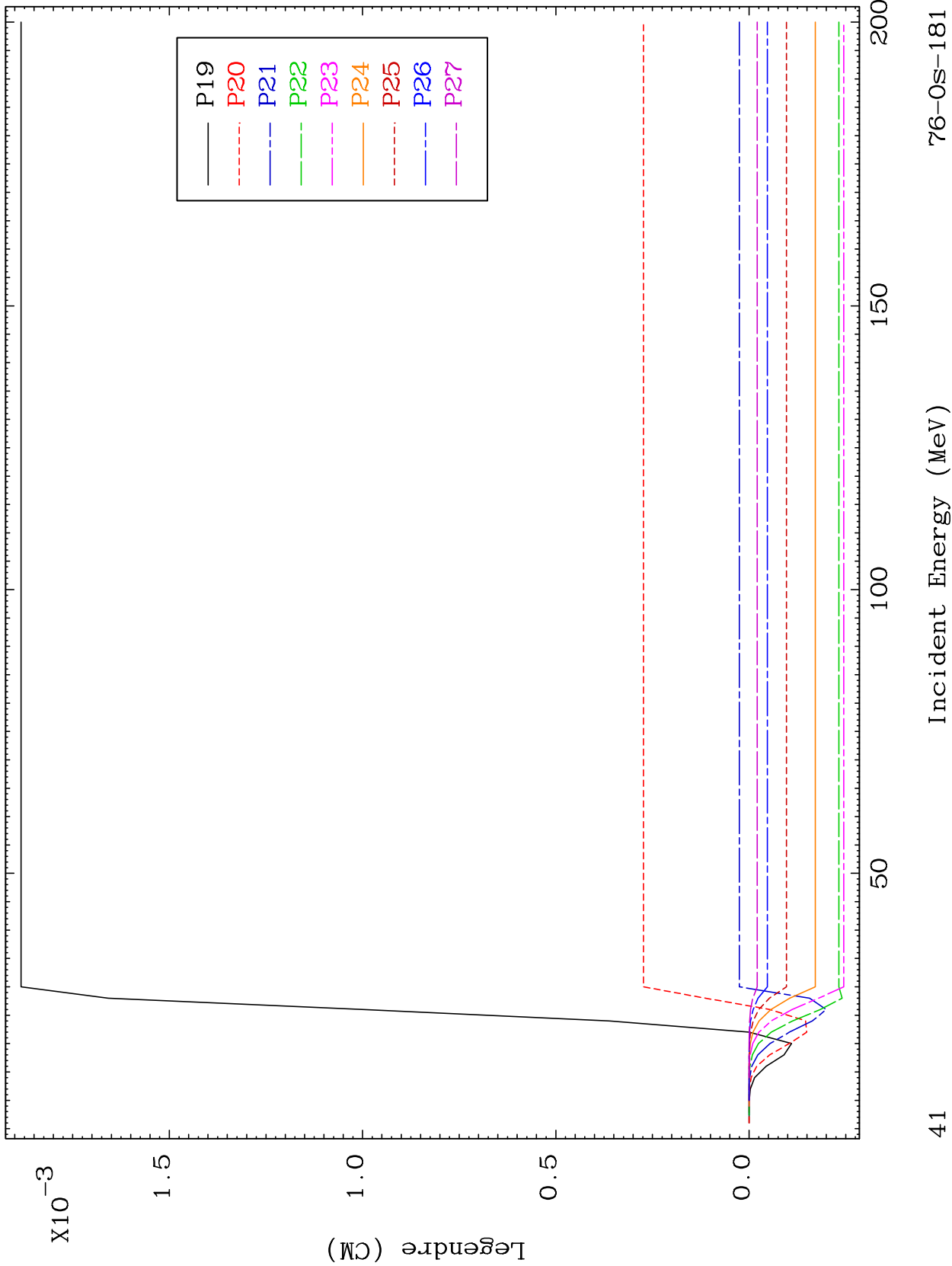
39

Incident Energy (MeV)

76-Os-181





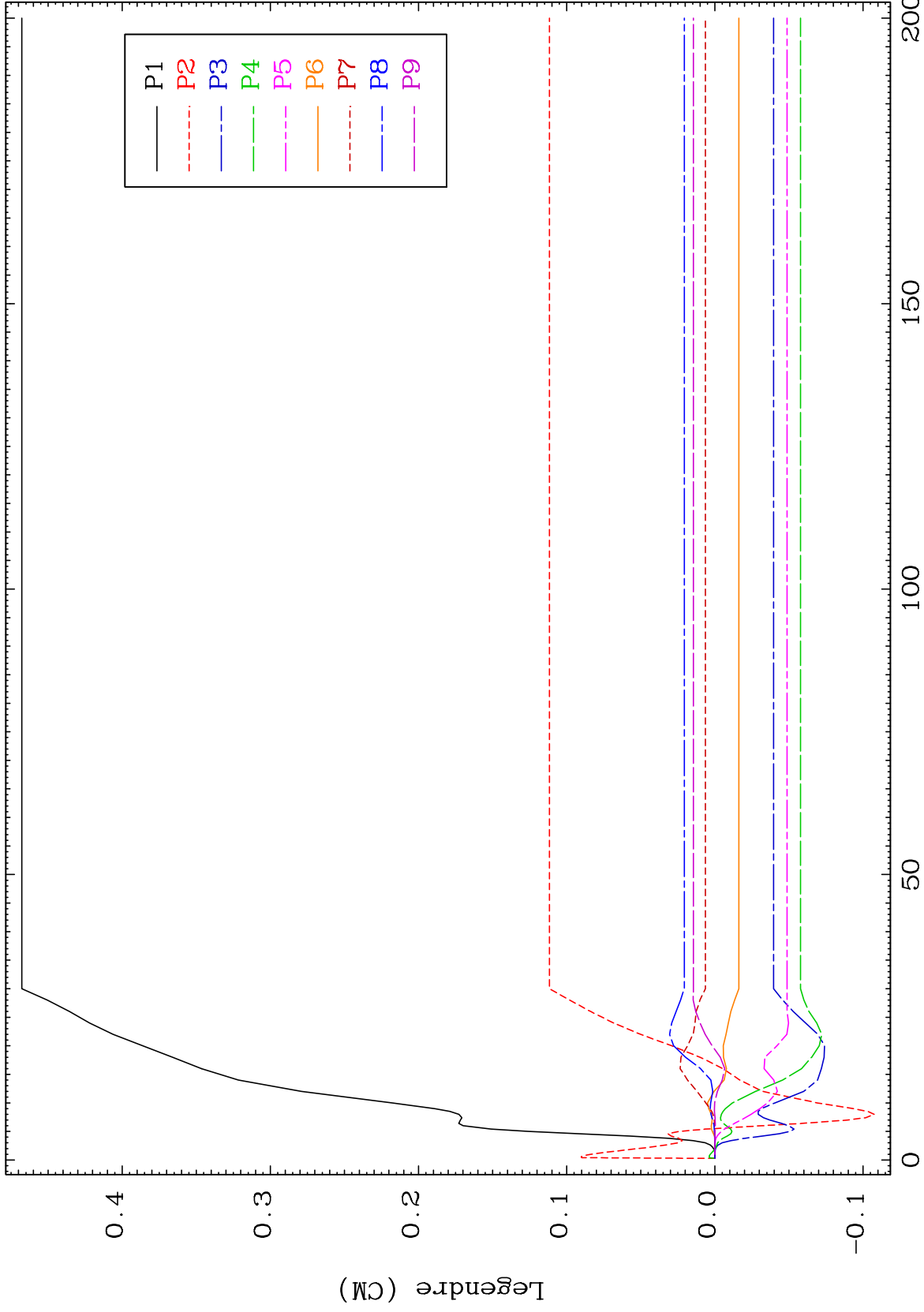




MAT 7616

274.3 keV (n,n') Level  
Legendre Coefficients

76-Os-181



43

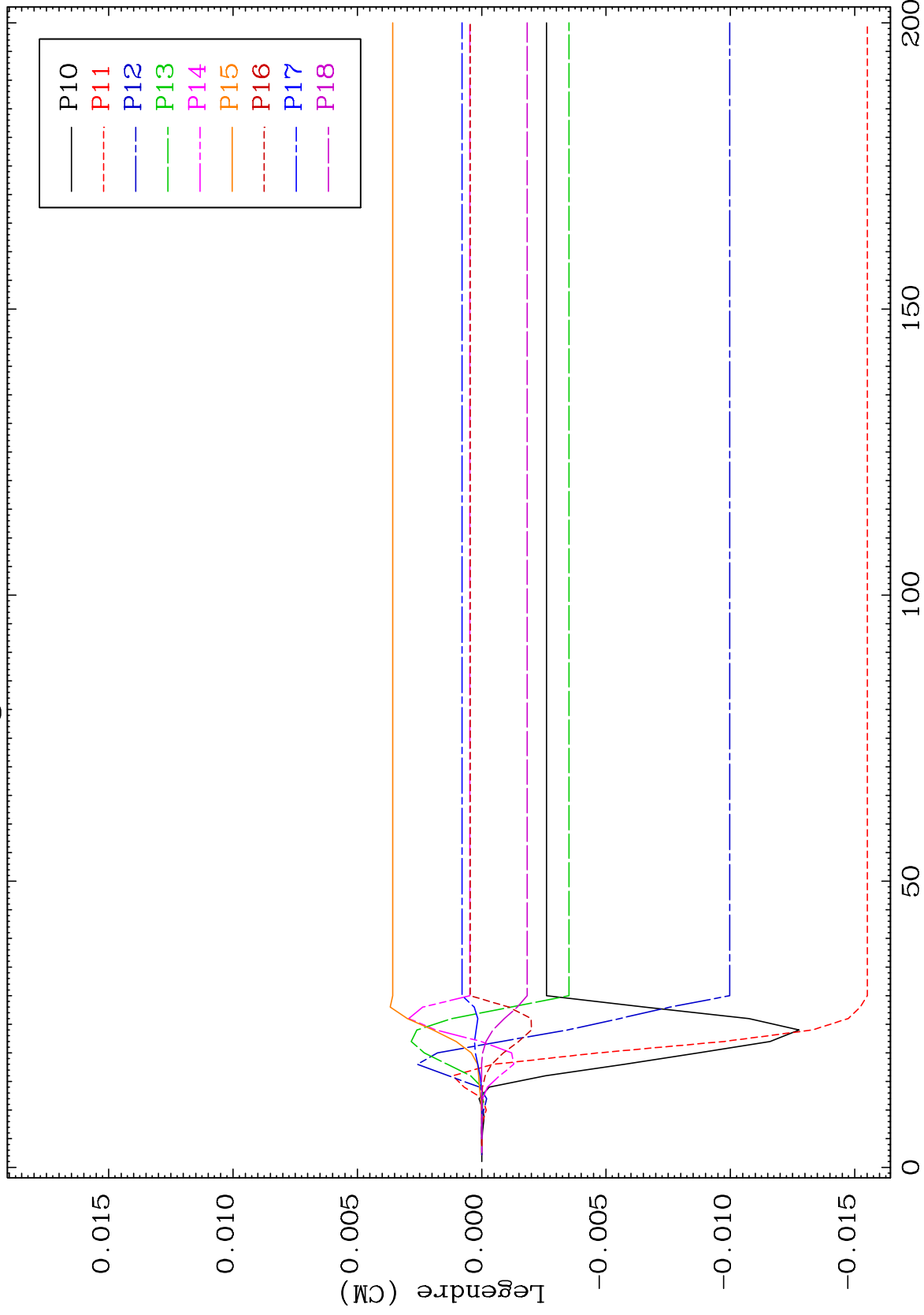
Incident Energy (MeV)

76-Os-181

MAT 7616

274.3 keV (n,n') Level  
Legendre Coefficients

76-Os-181



44

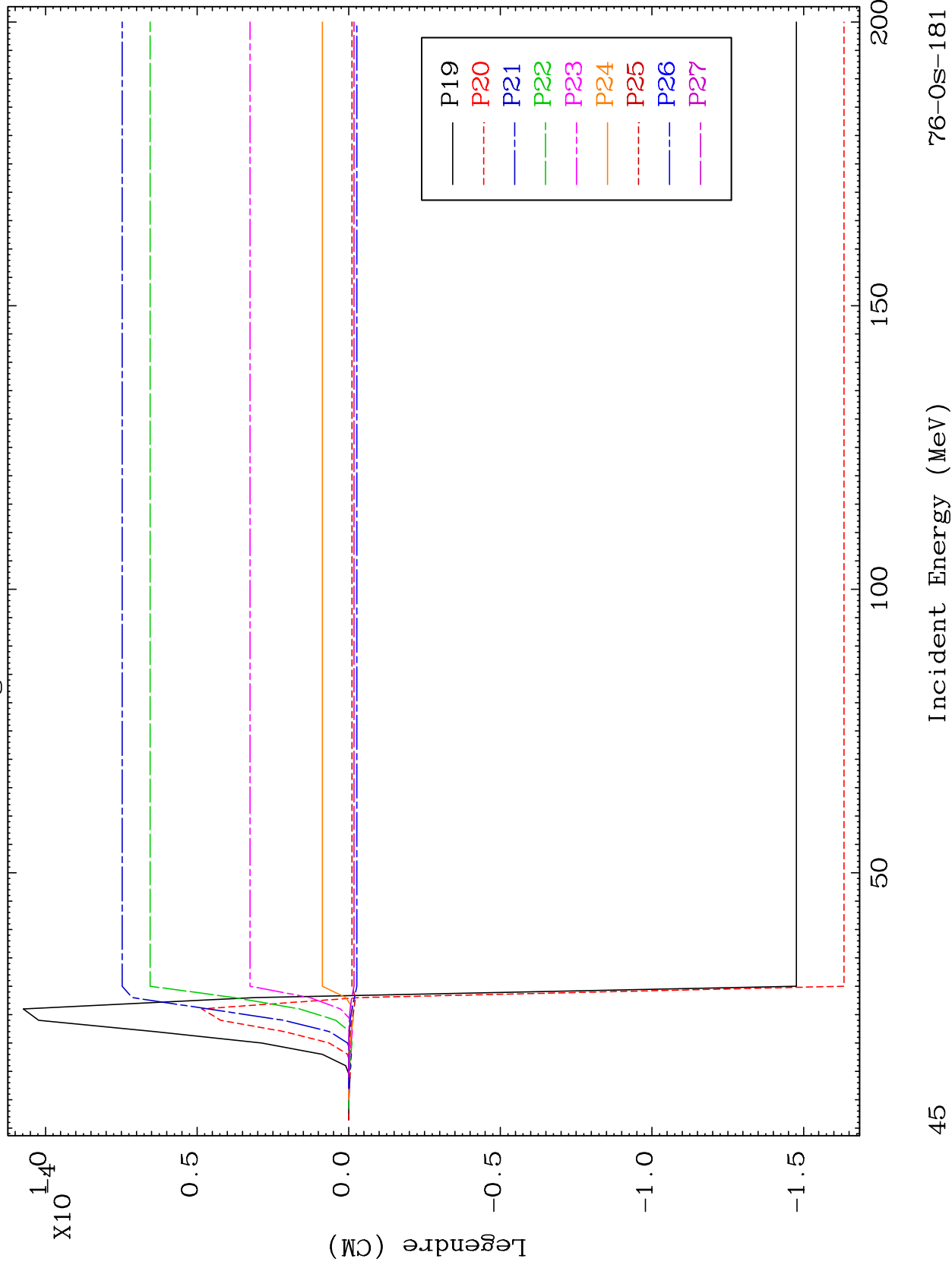
Incident Energy (MeV)

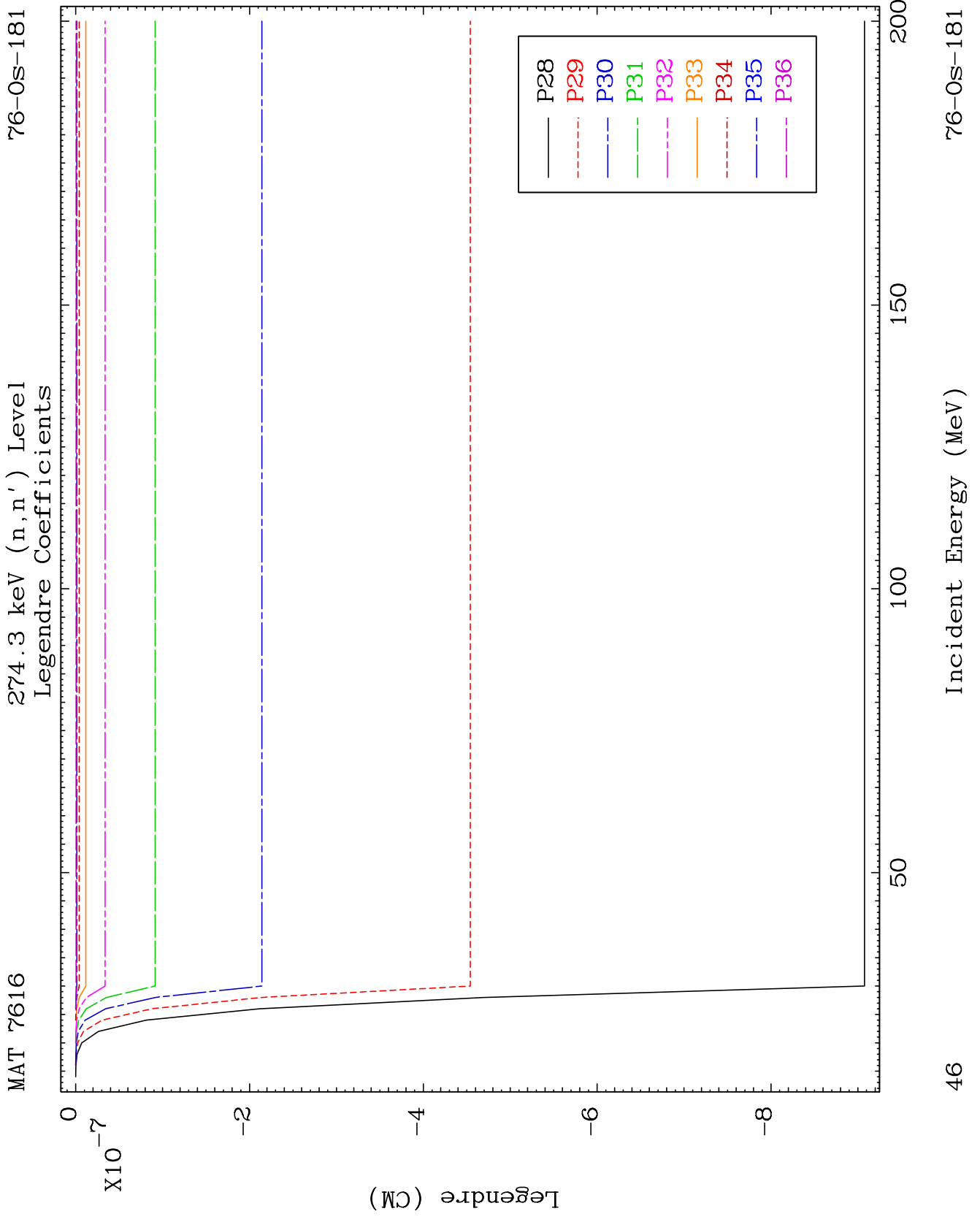
76-Os-181

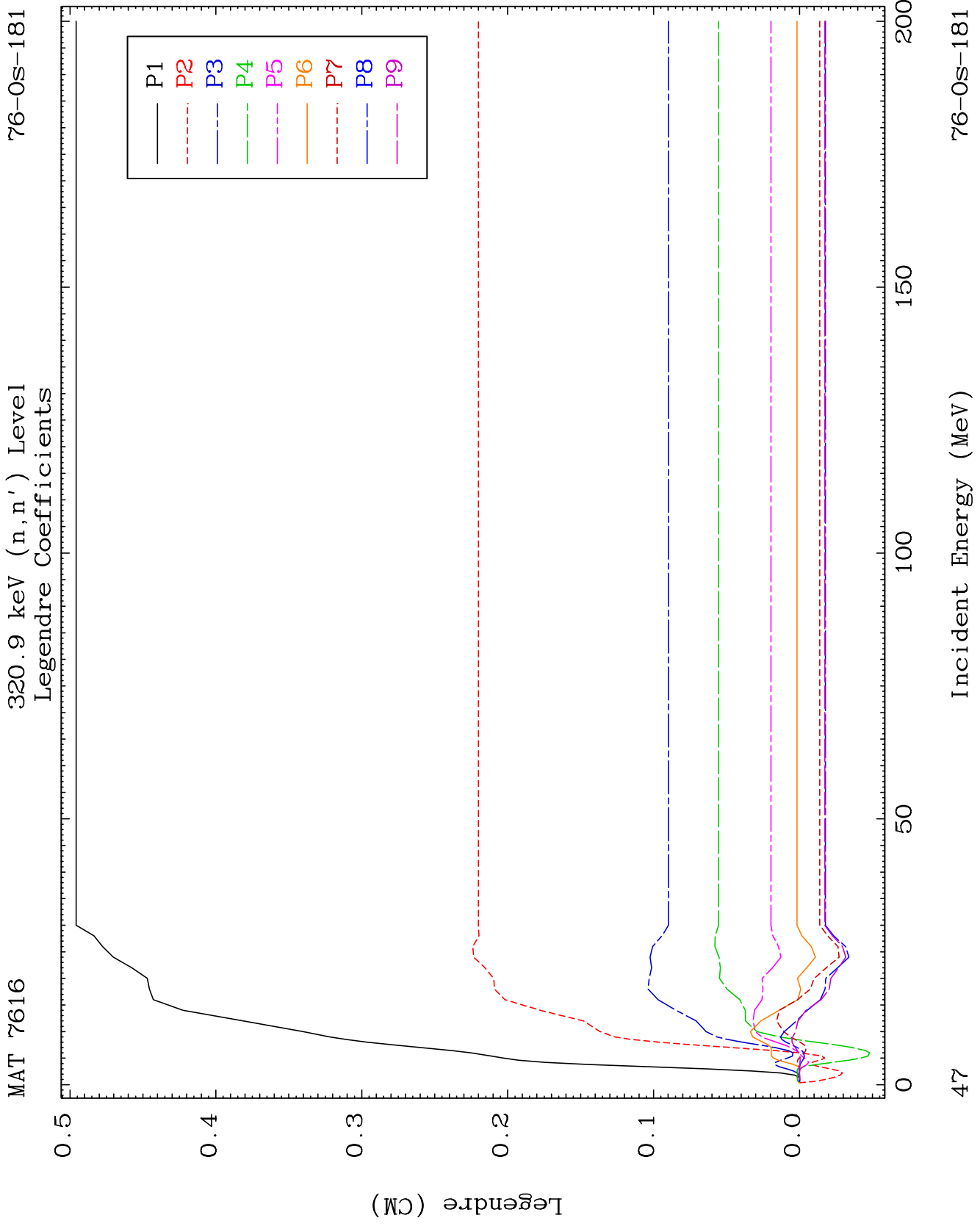
MAT 7616

274.3 keV (n,n') Level  
Legendre Coefficients

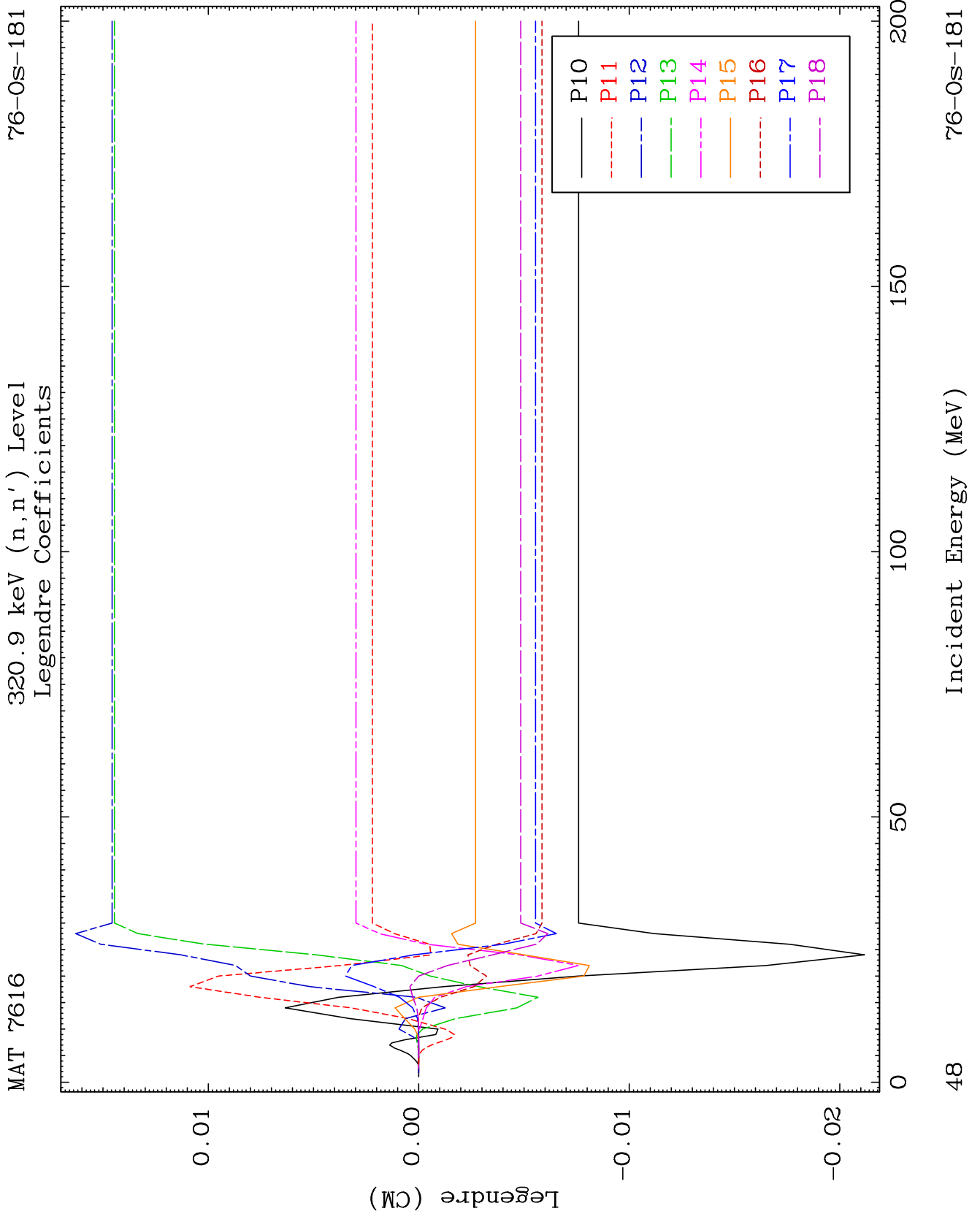
76-Os-181

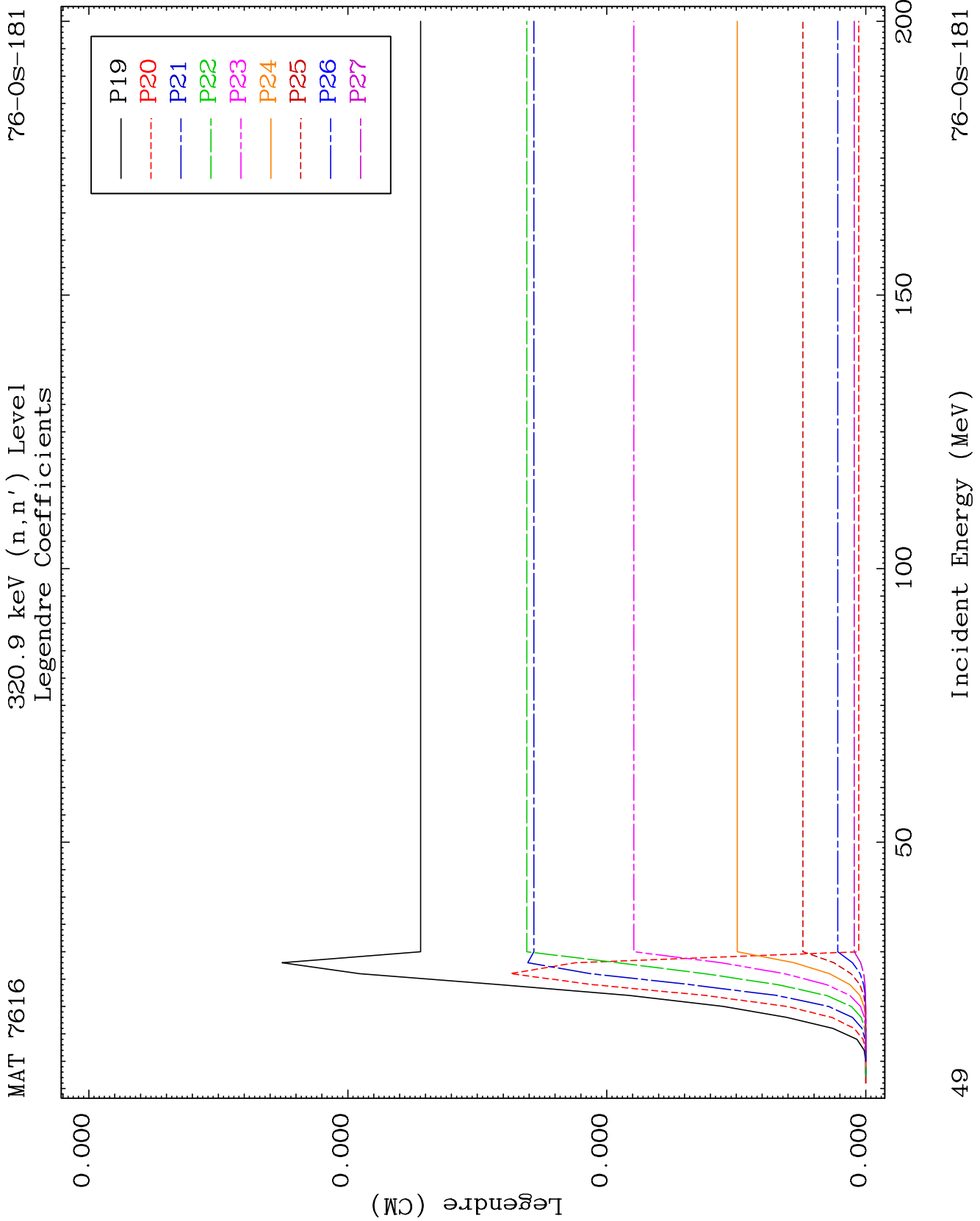


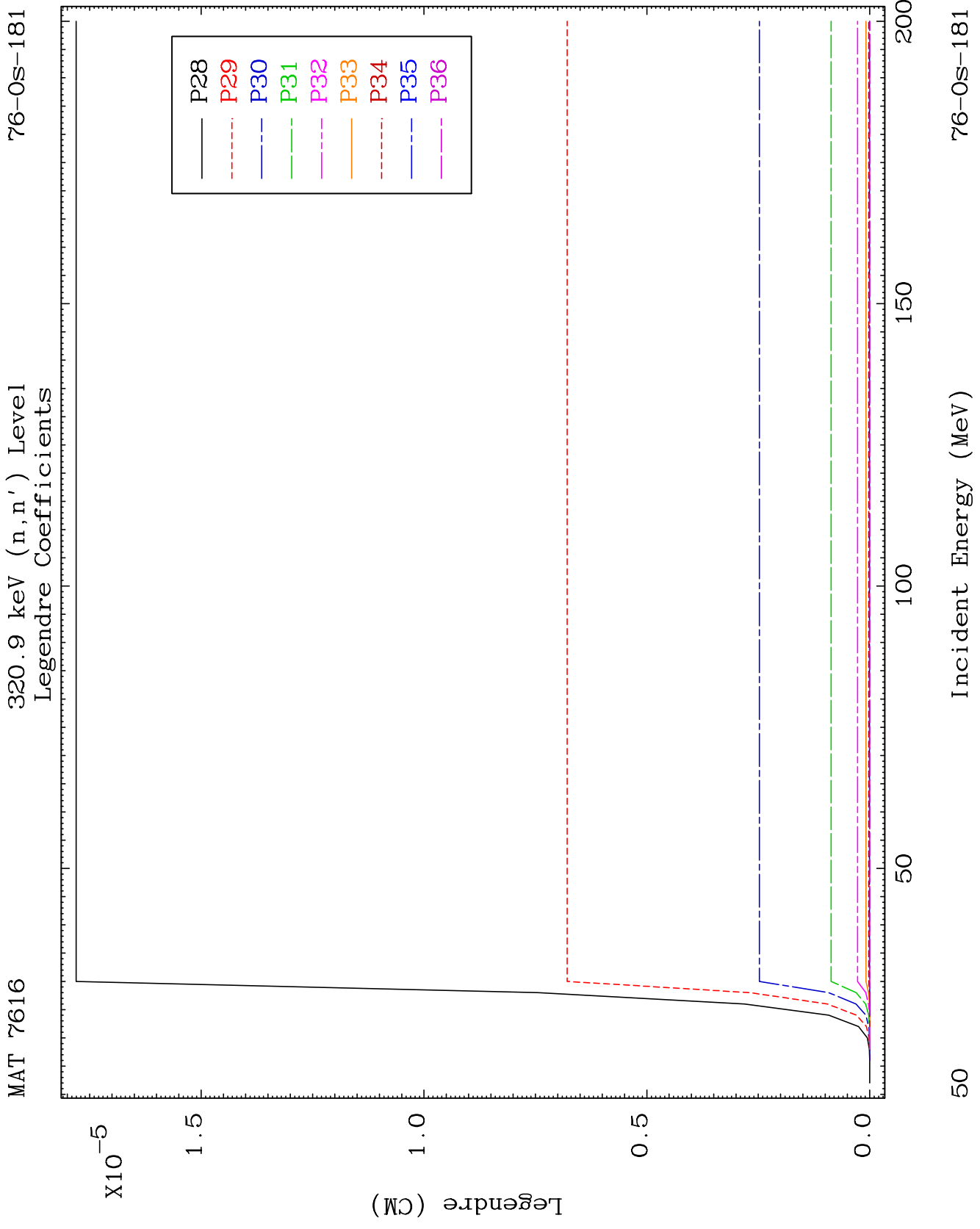


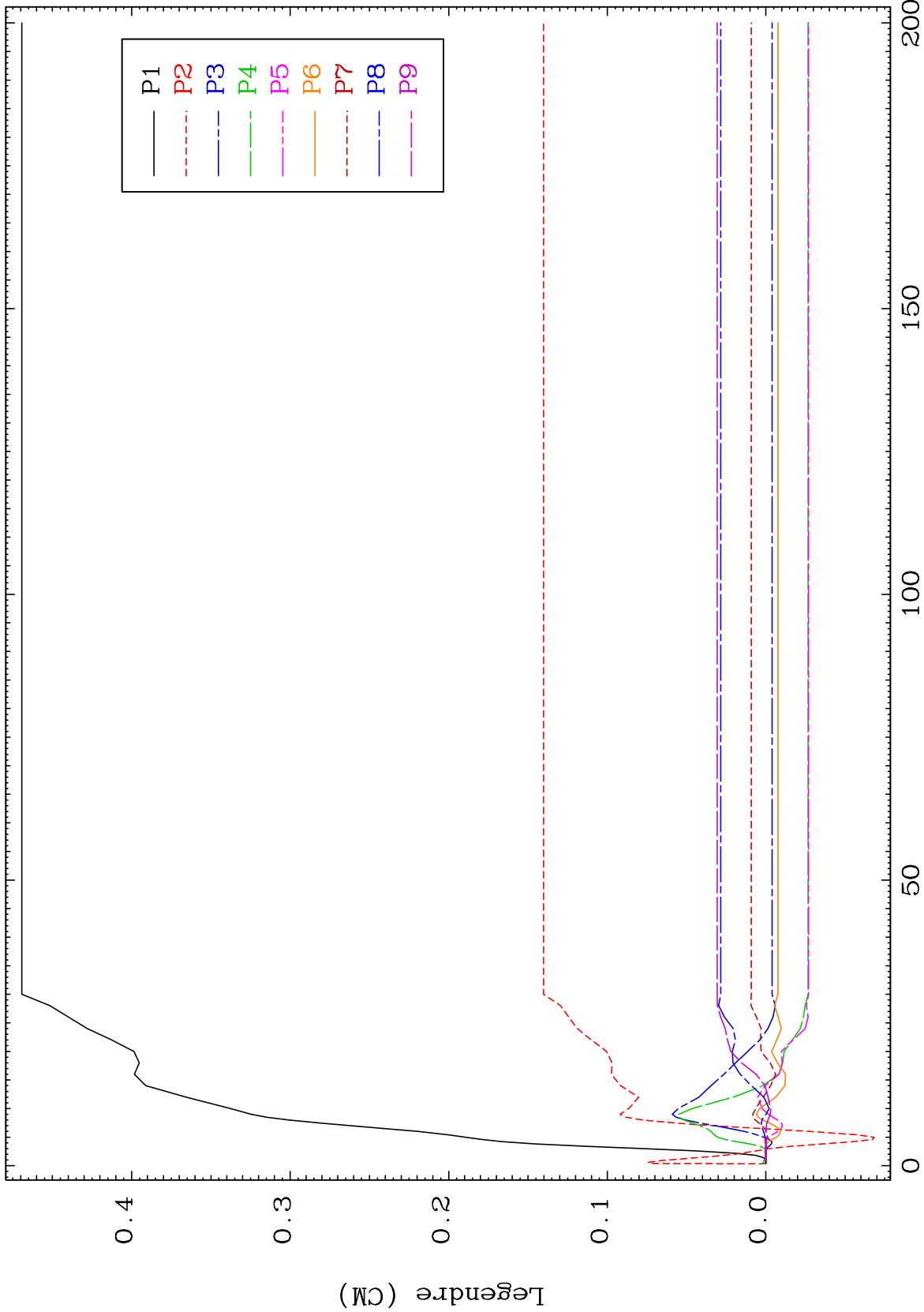


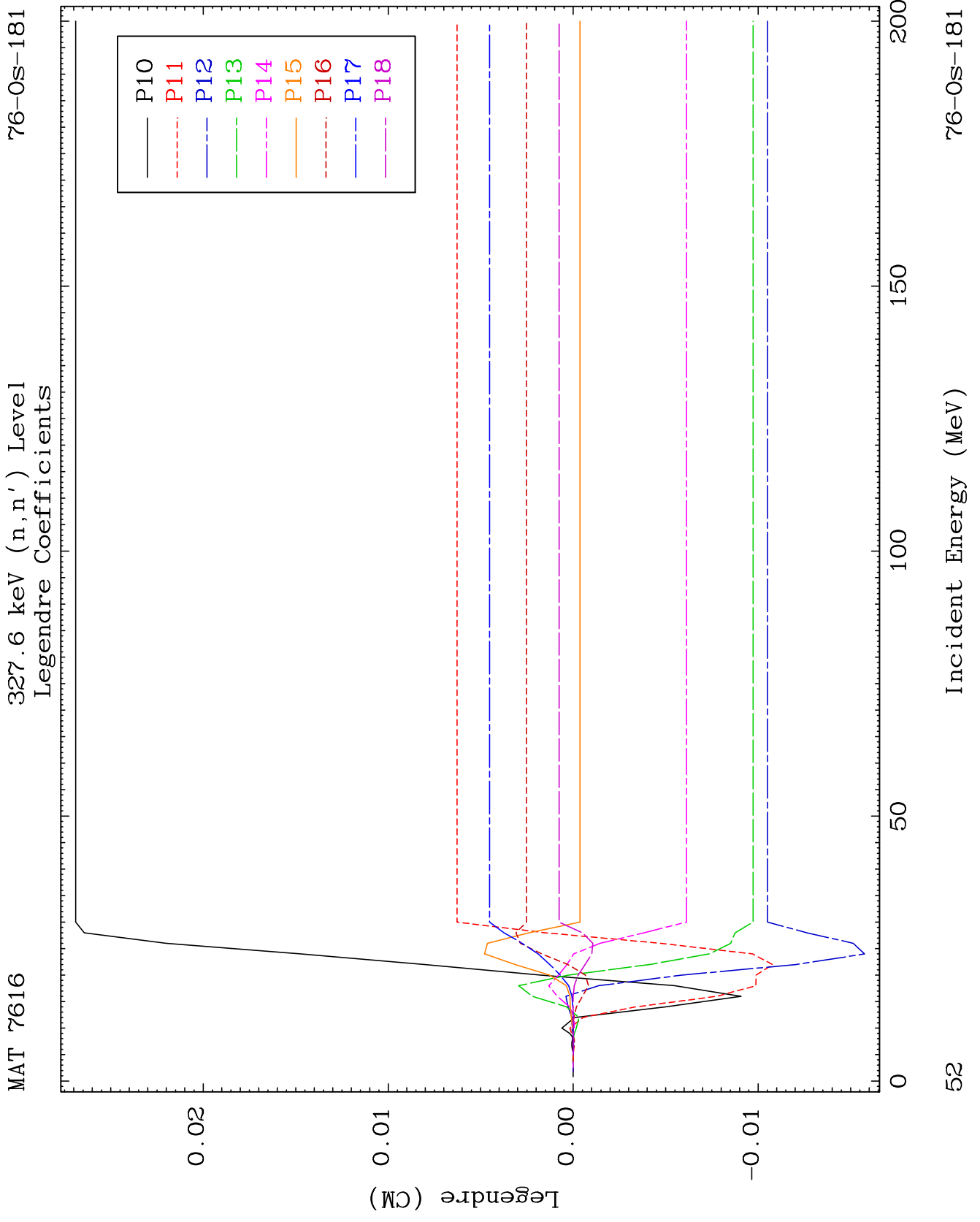


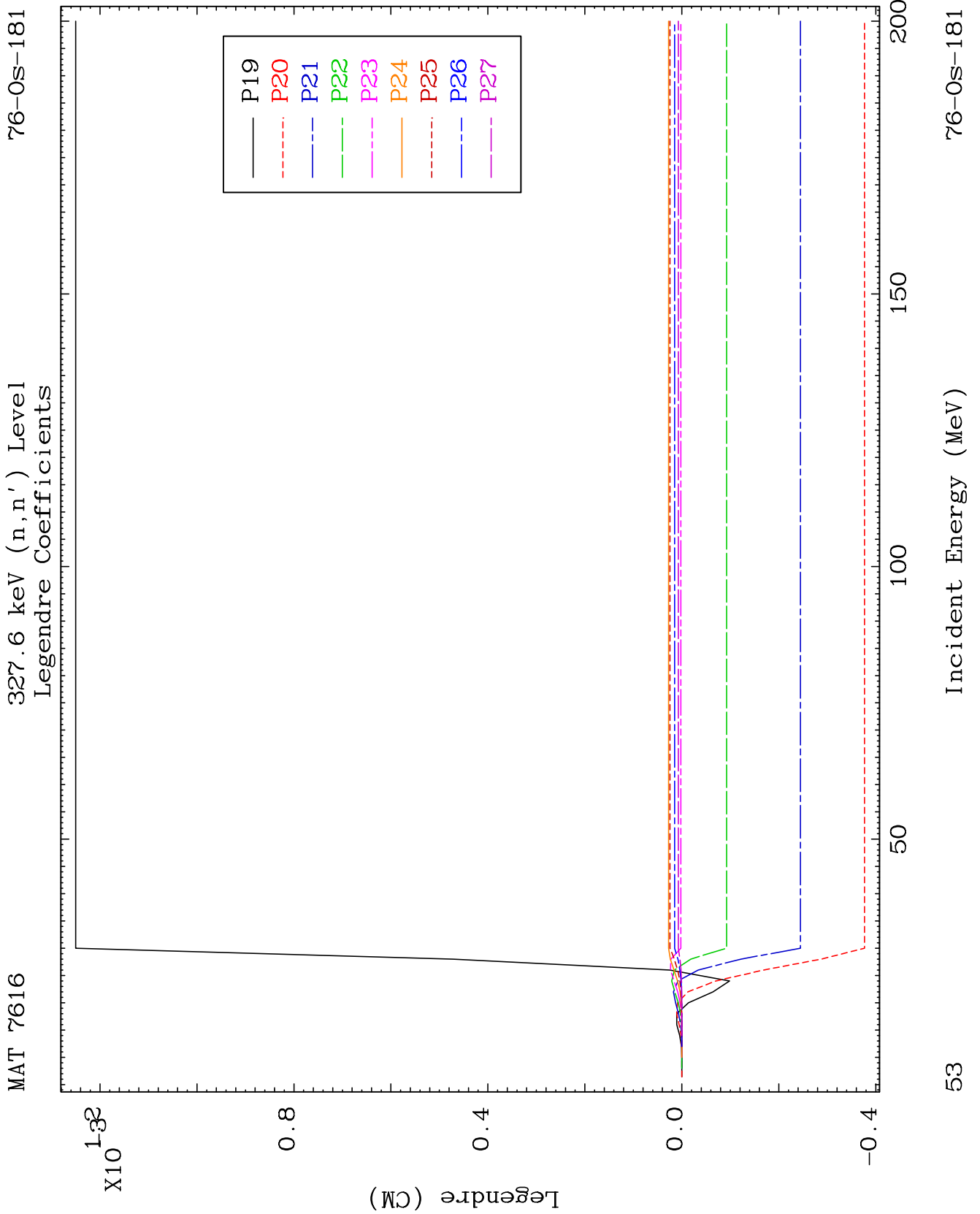


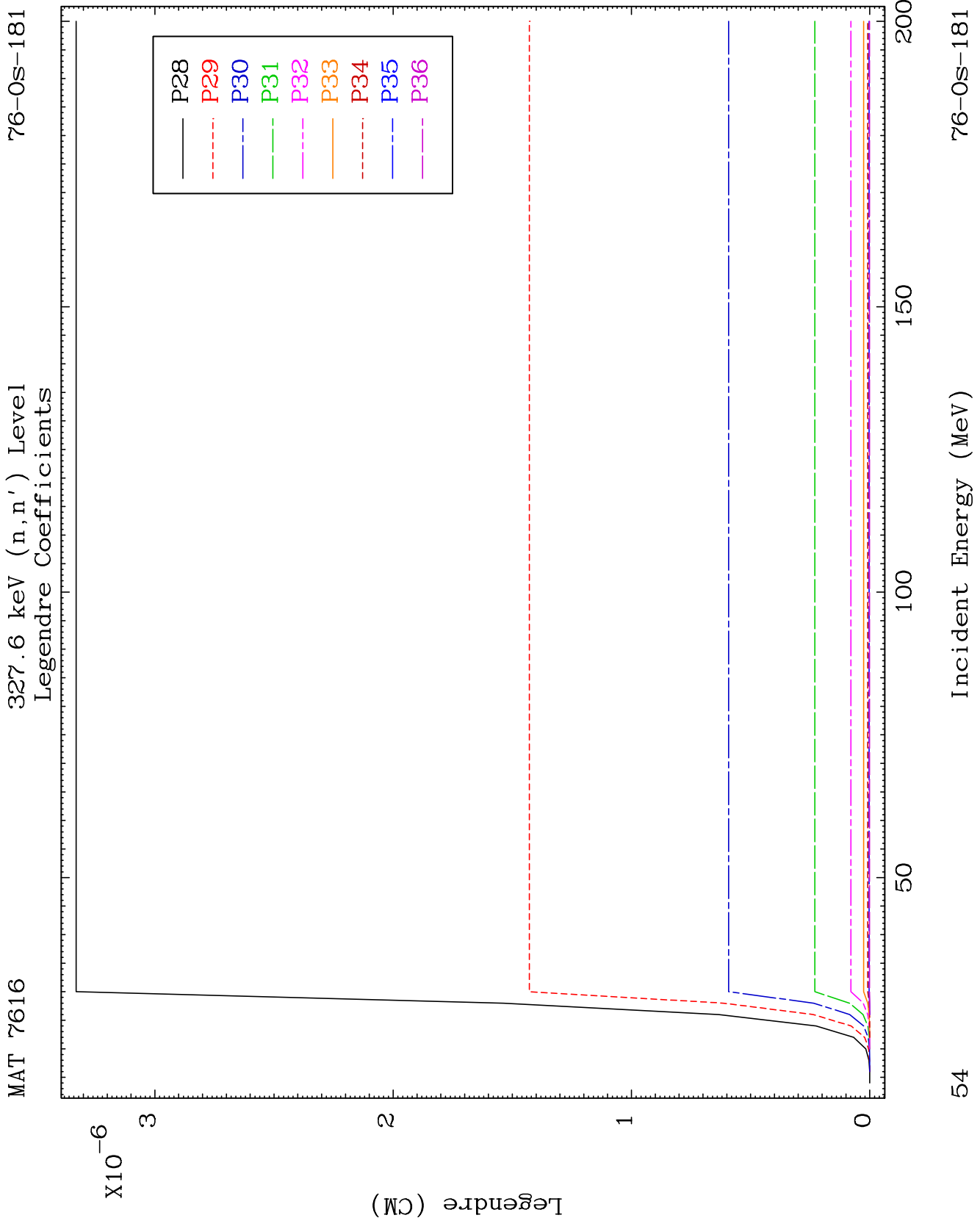


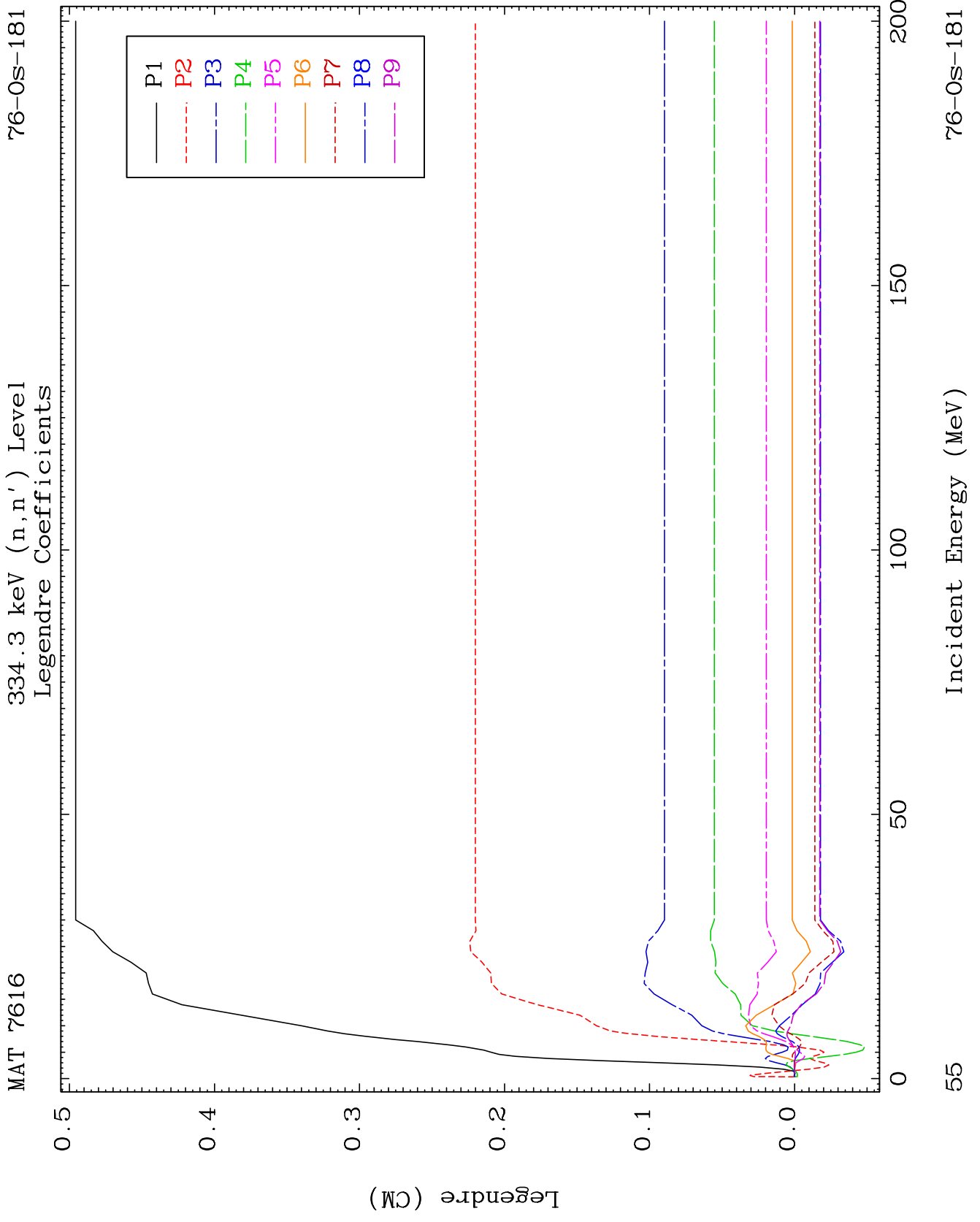






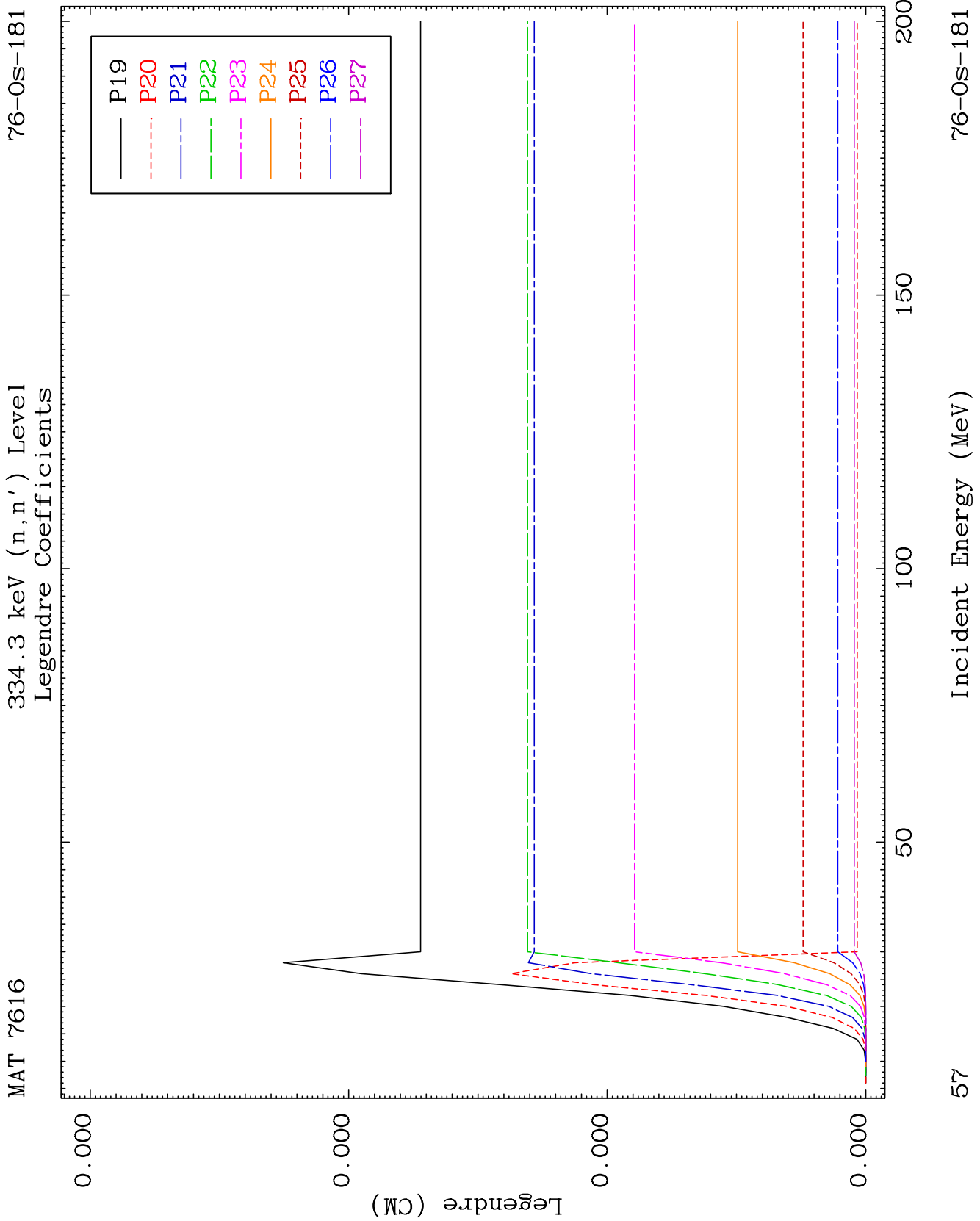








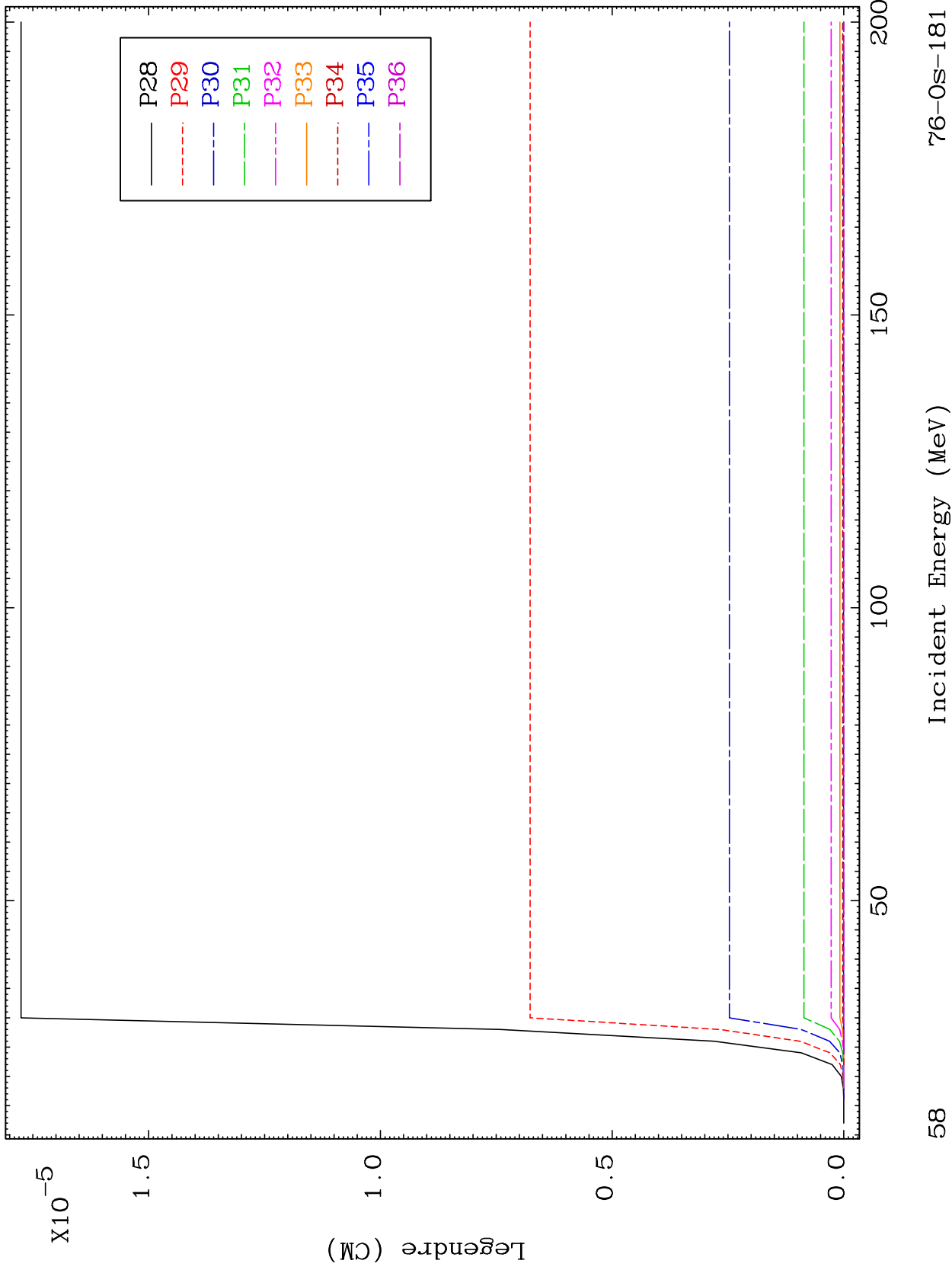




MAT 7616

334.3 keV (n,n') Level  
Legendre Coefficients

76-Os-181

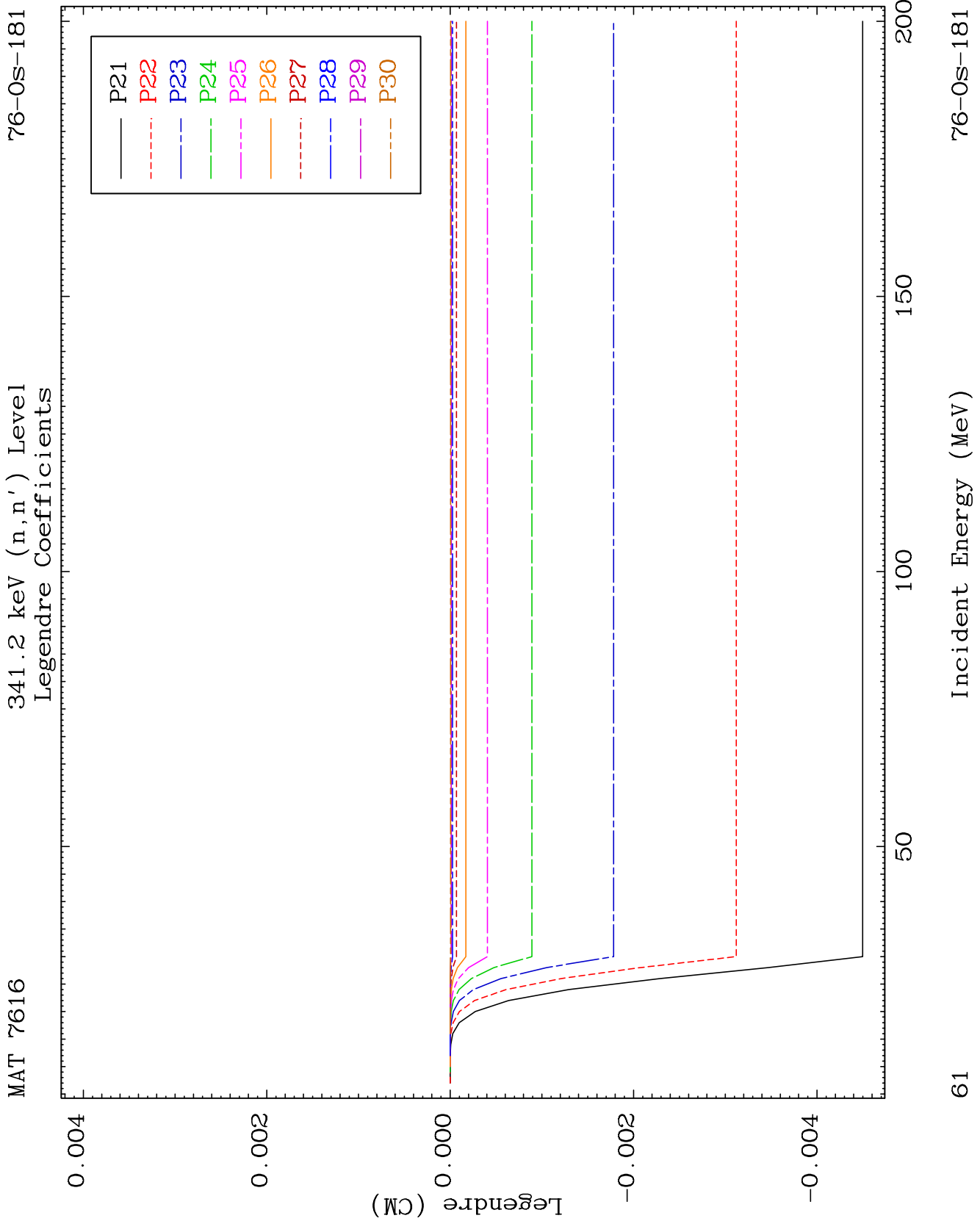


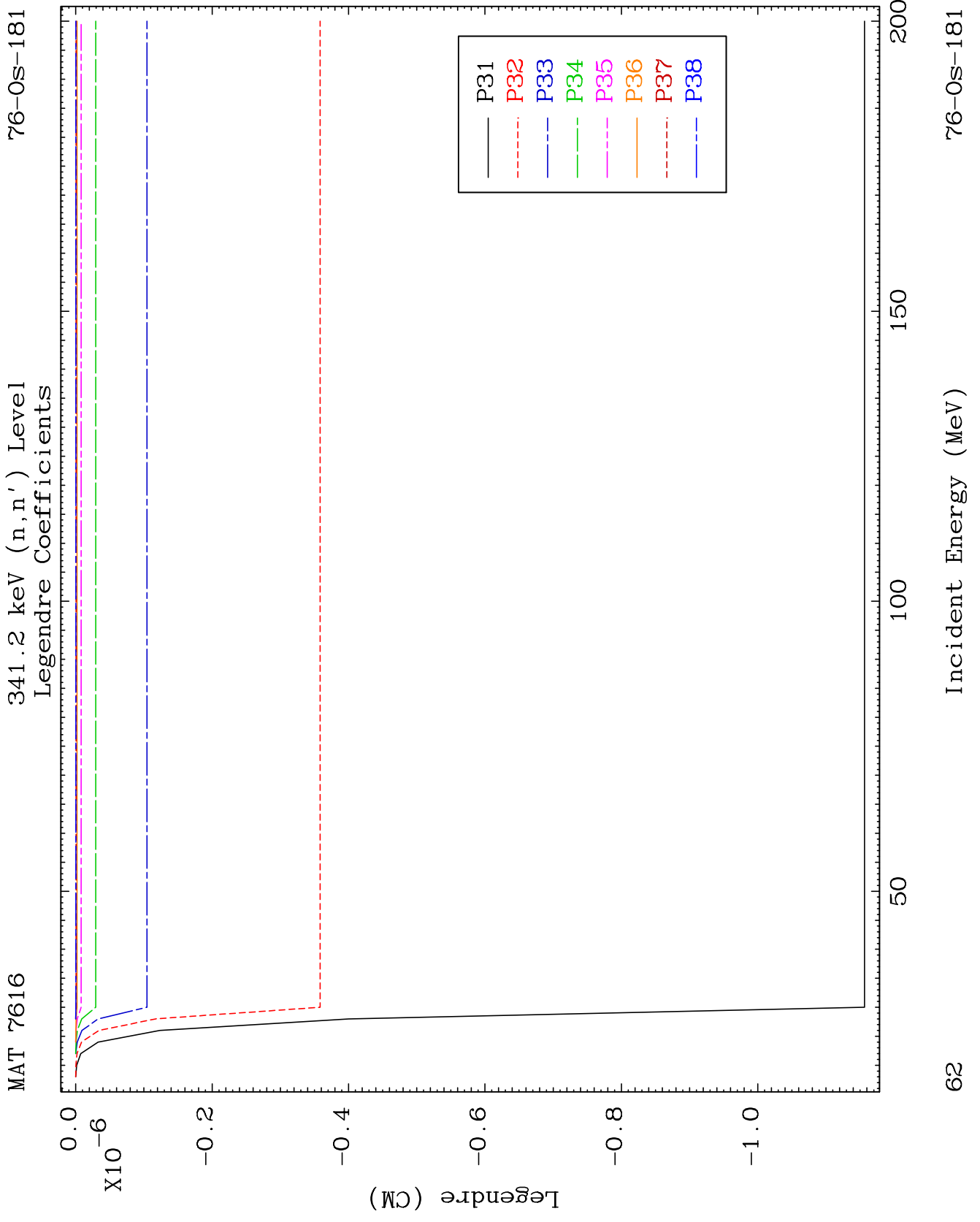
58

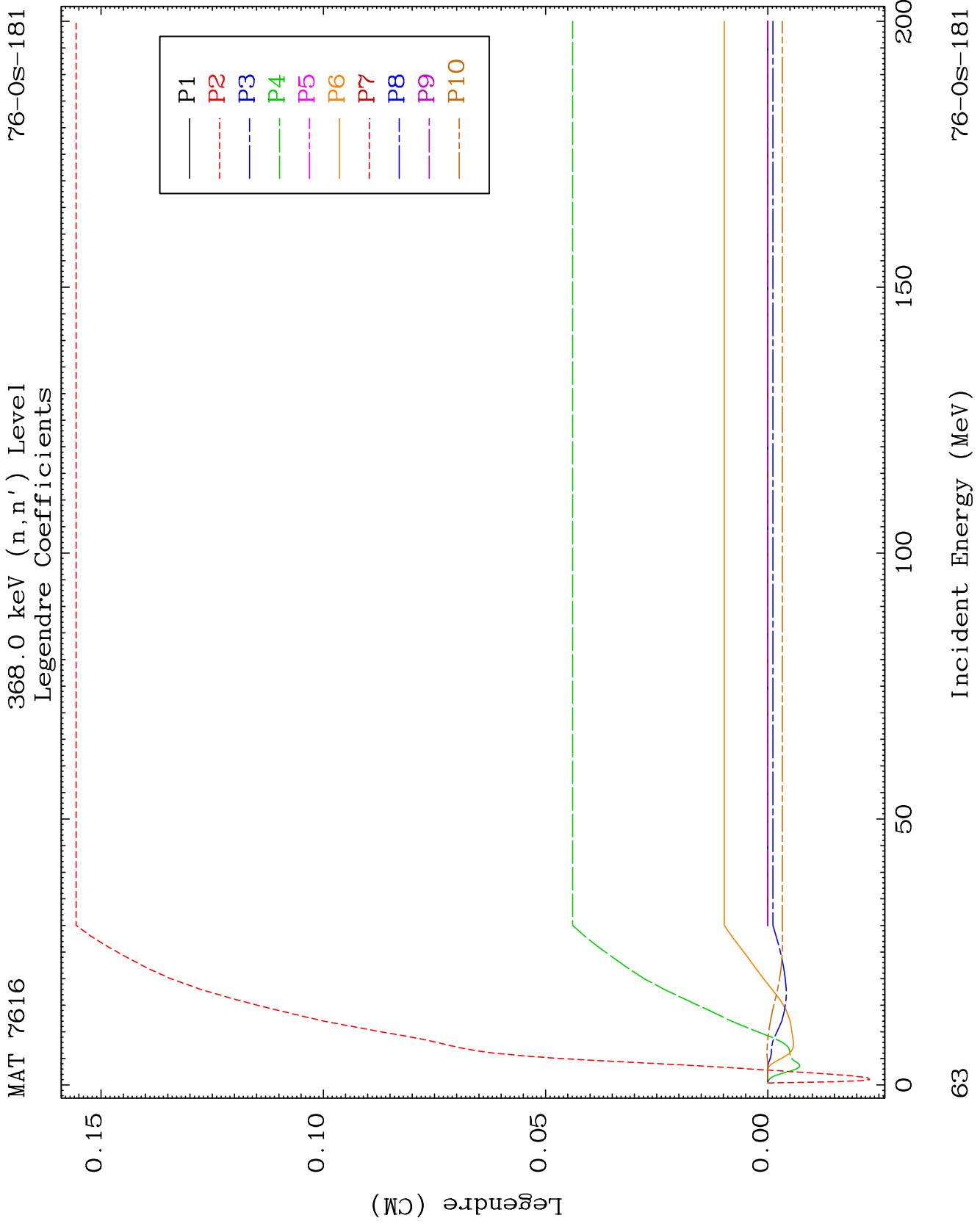
76-Os-181



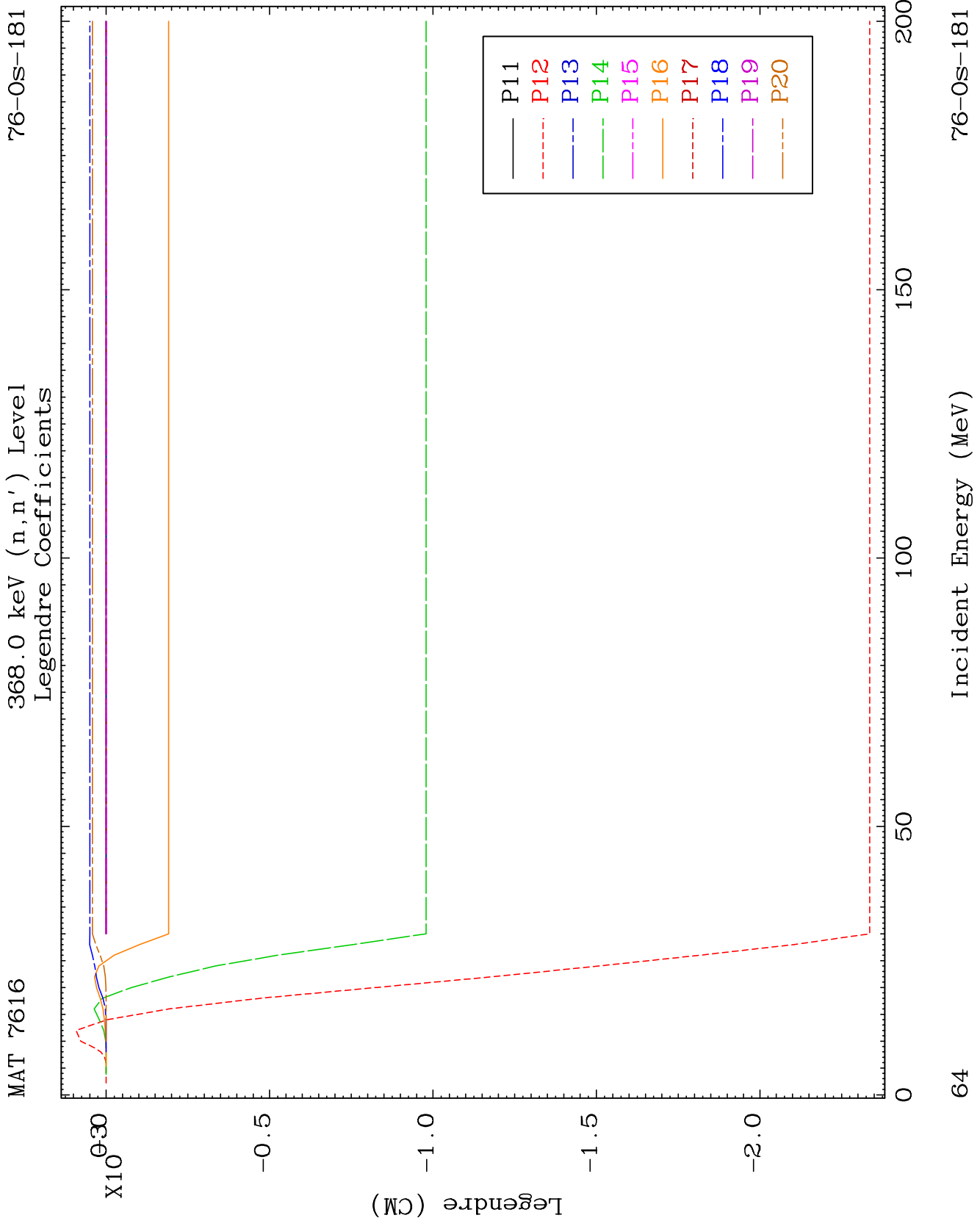










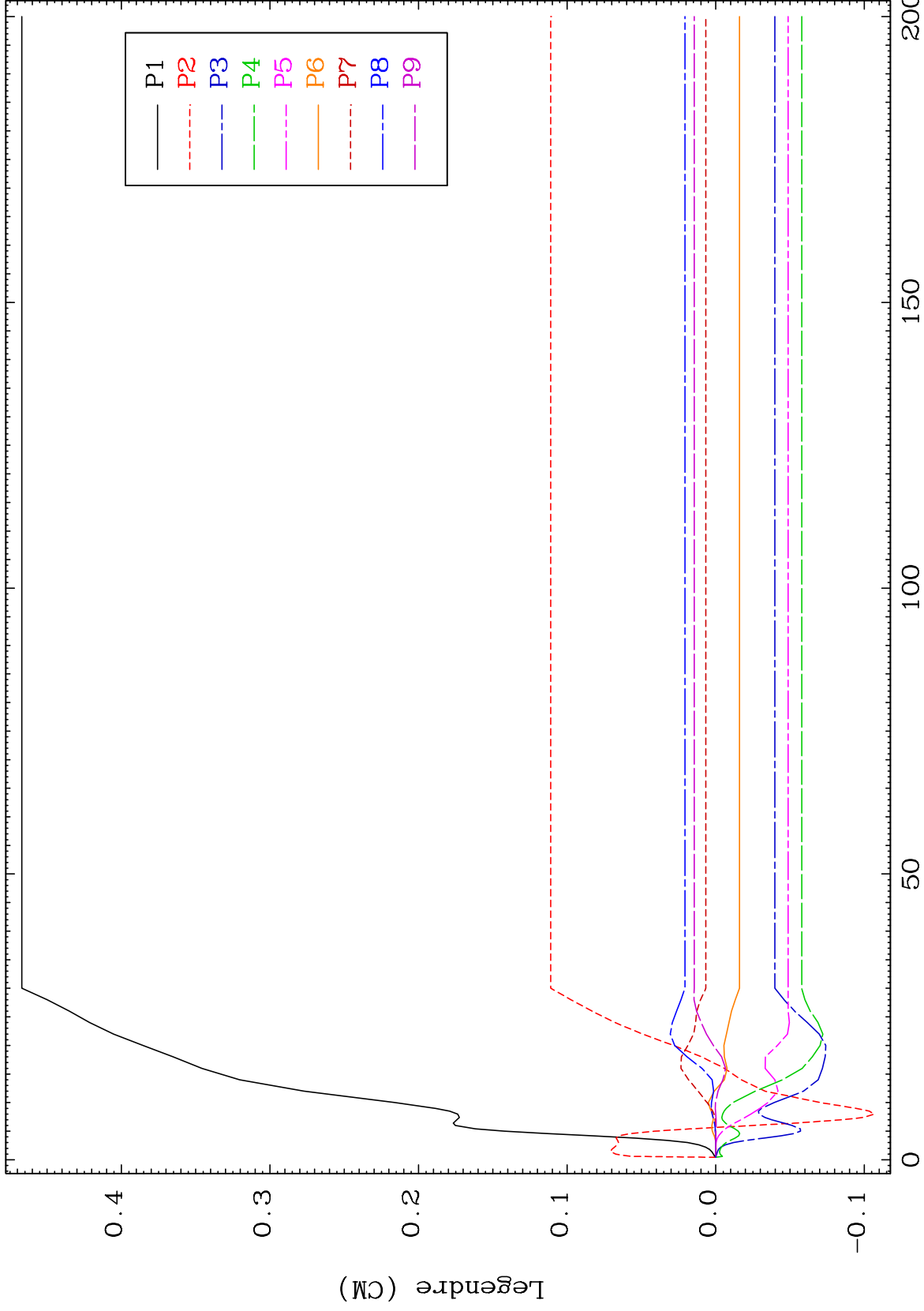




MAT 7616

423.1 keV (n,n') Level  
Legendre Coefficients

76-Os-181



66

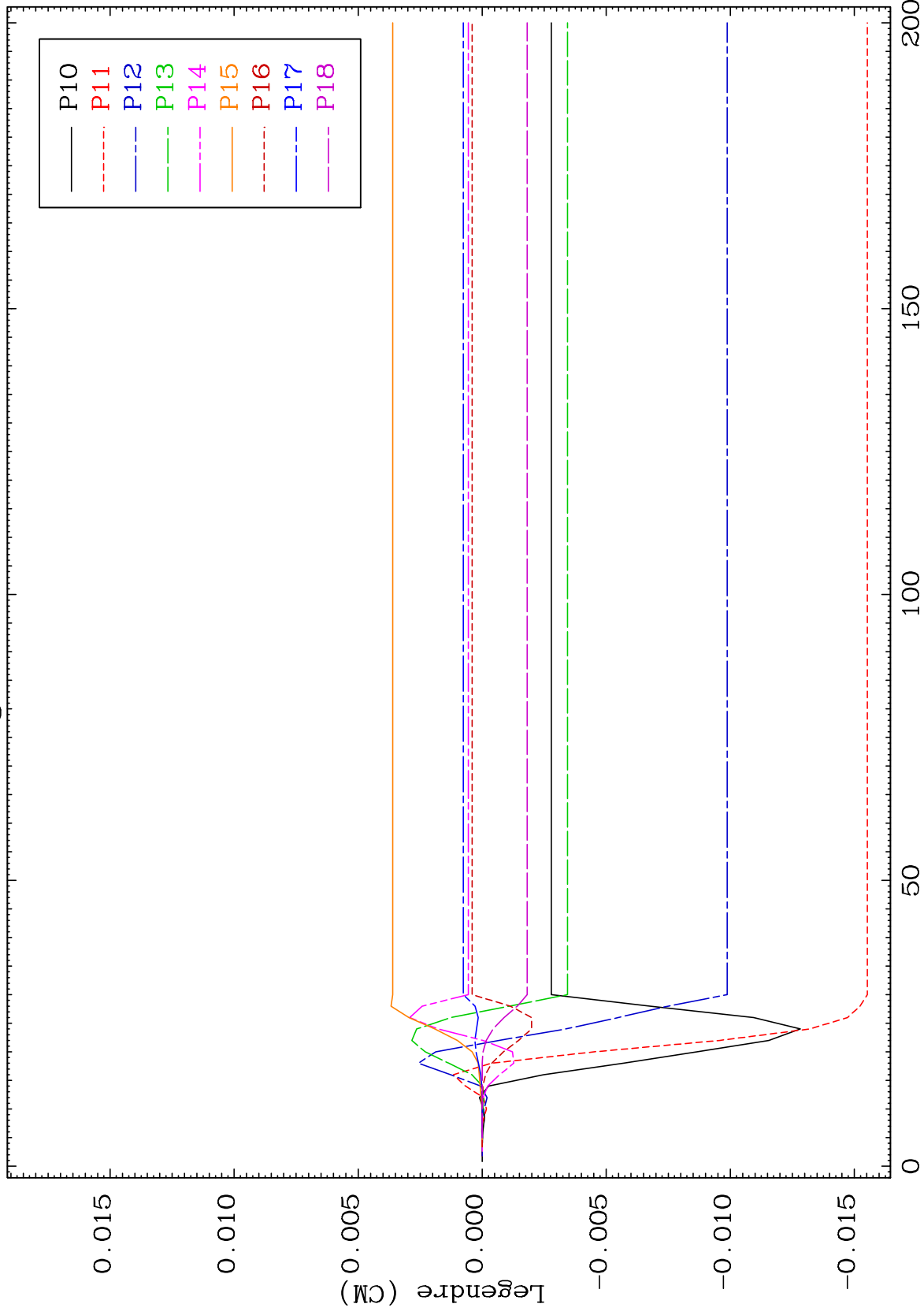
Incident Energy (MeV)

76-Os-181

MAT 7616

423.1 keV (n,n') Level  
Legendre Coefficients

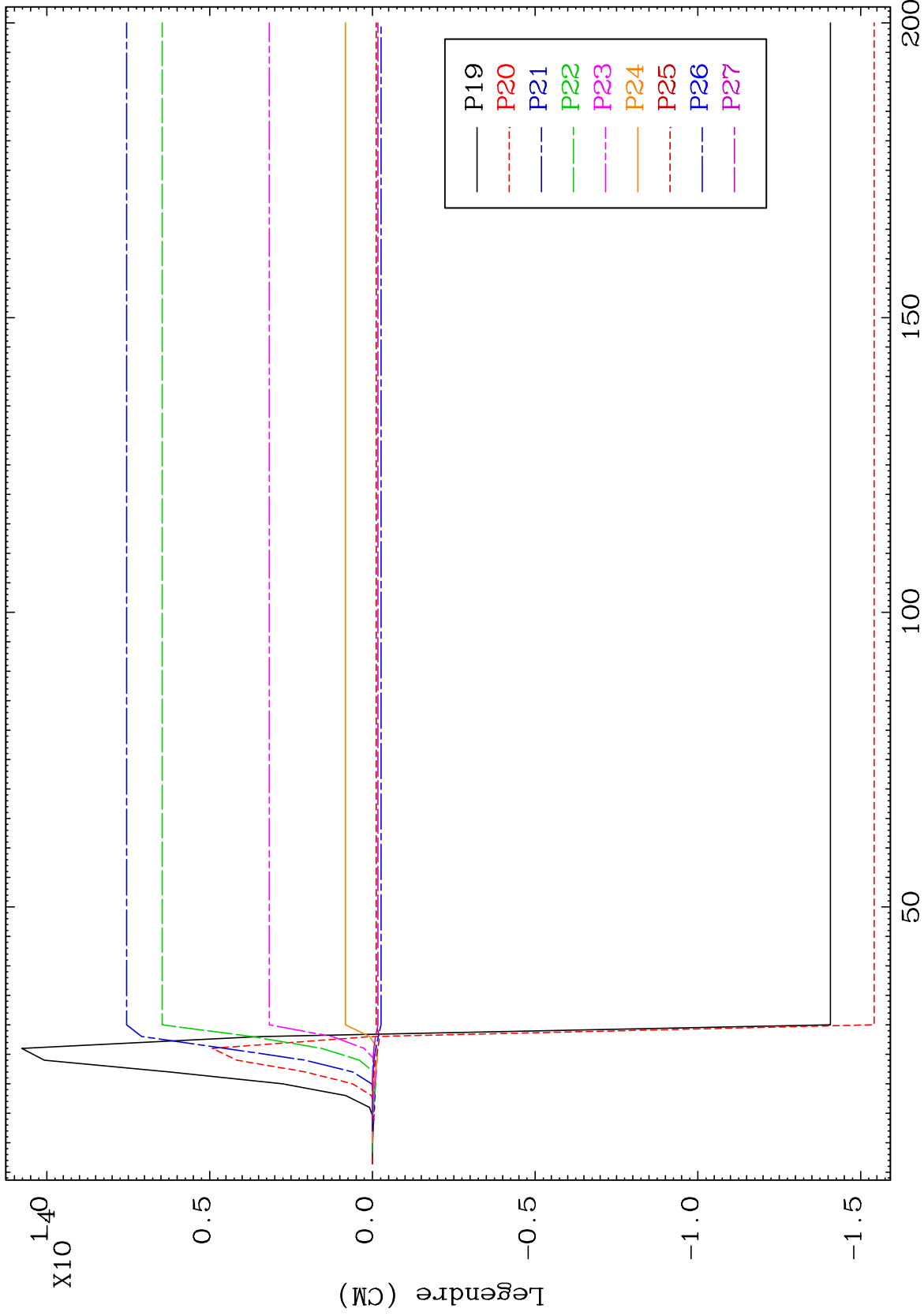
76-Os-181

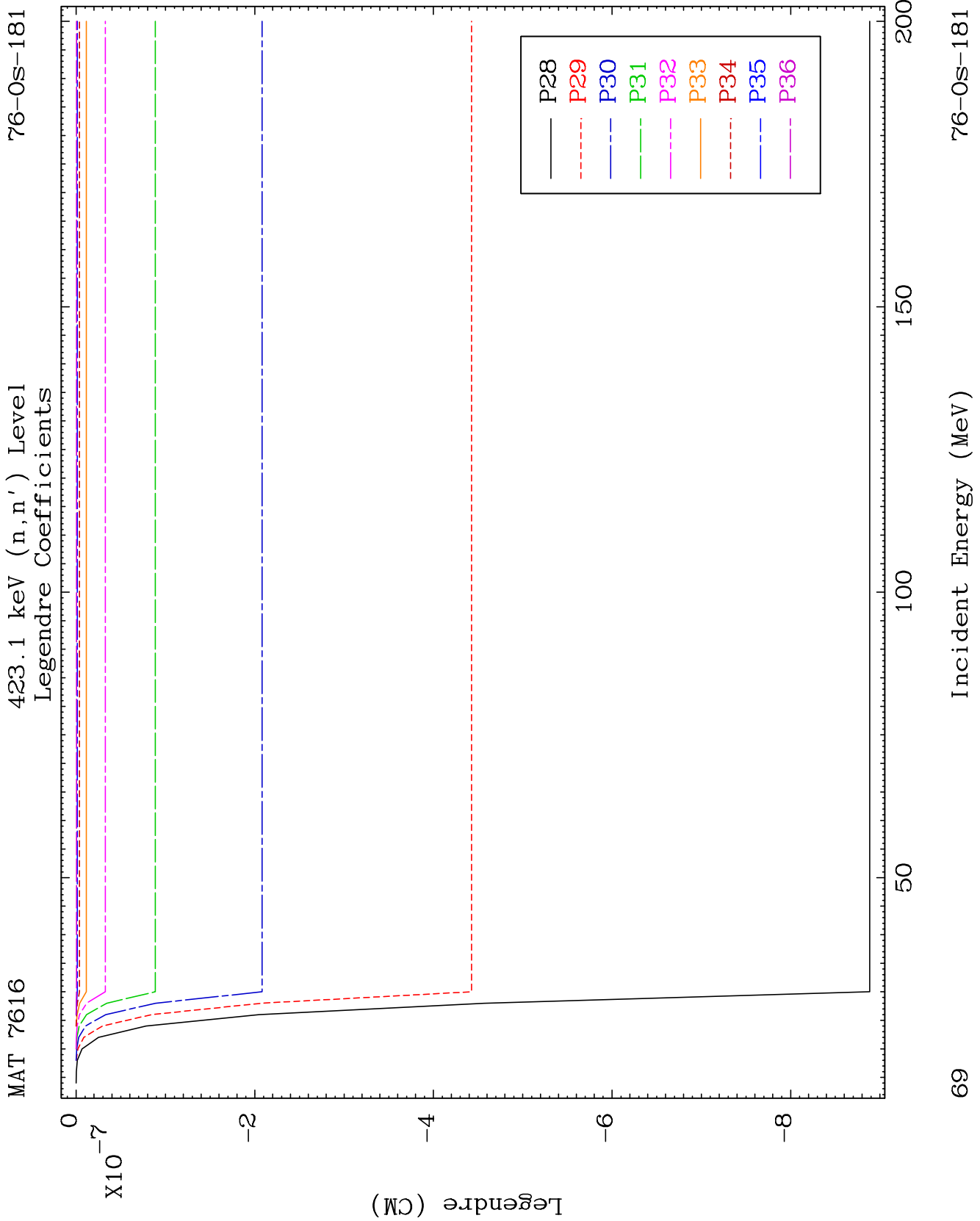


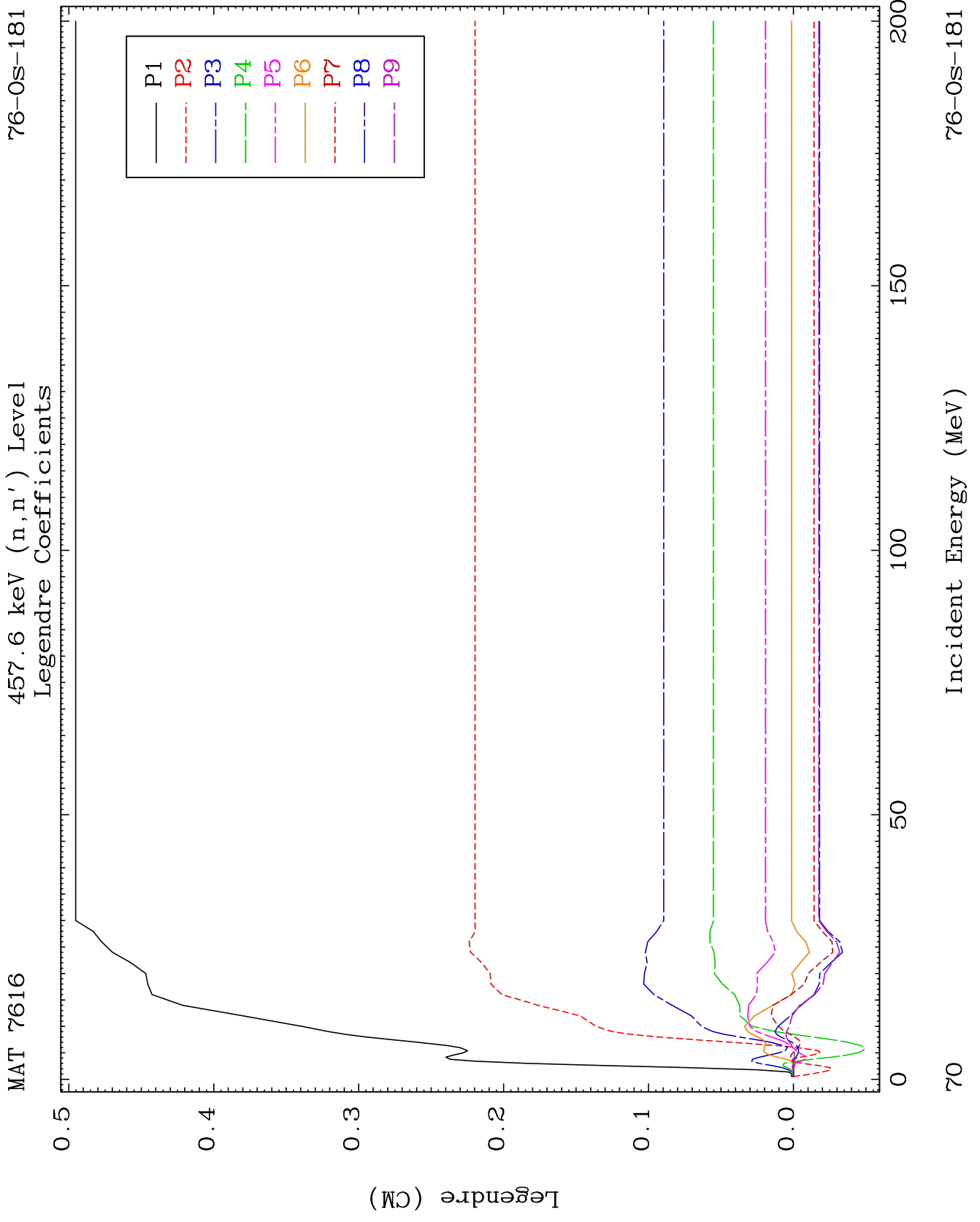
67

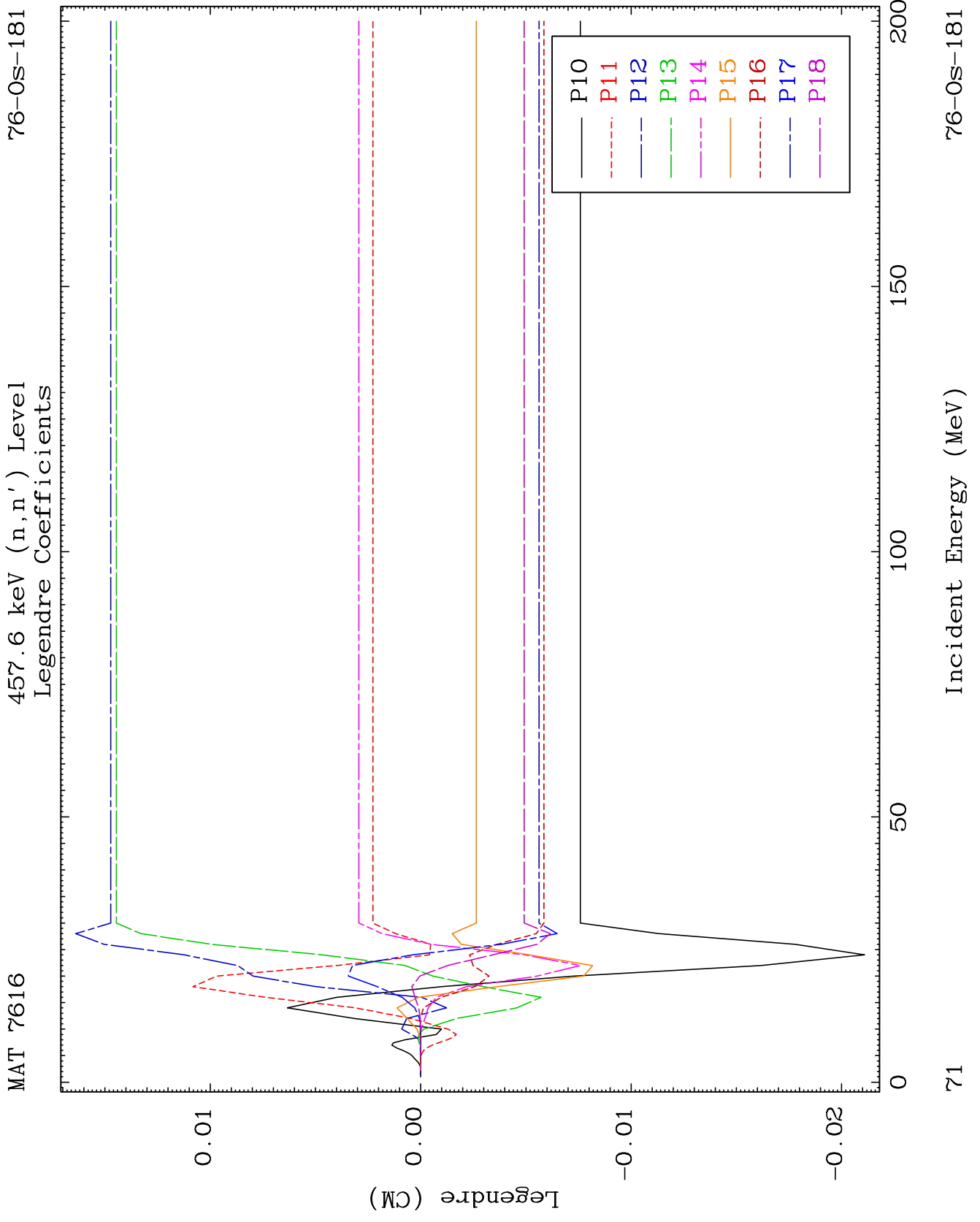
Incident Energy (MeV)

76-Os-181

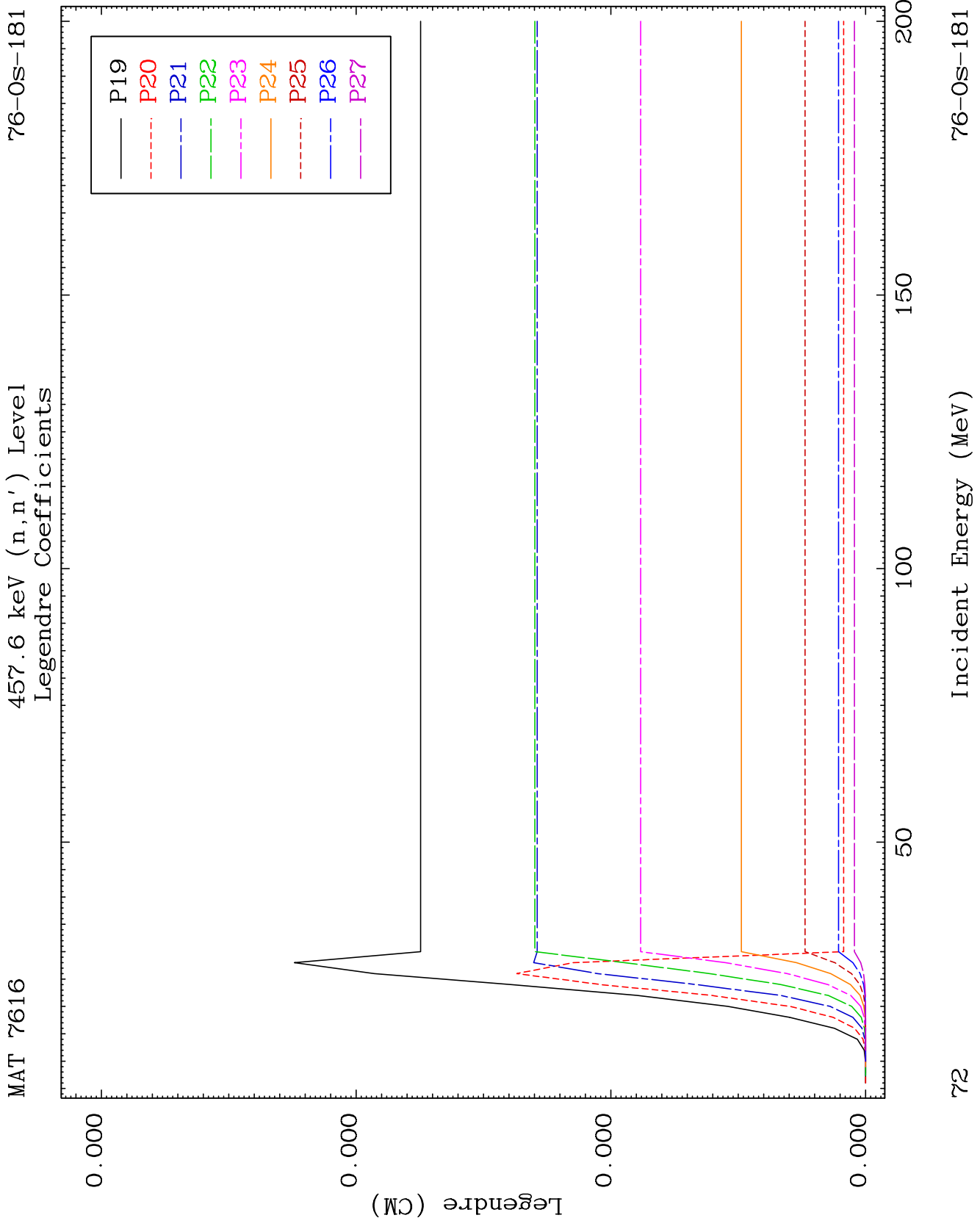


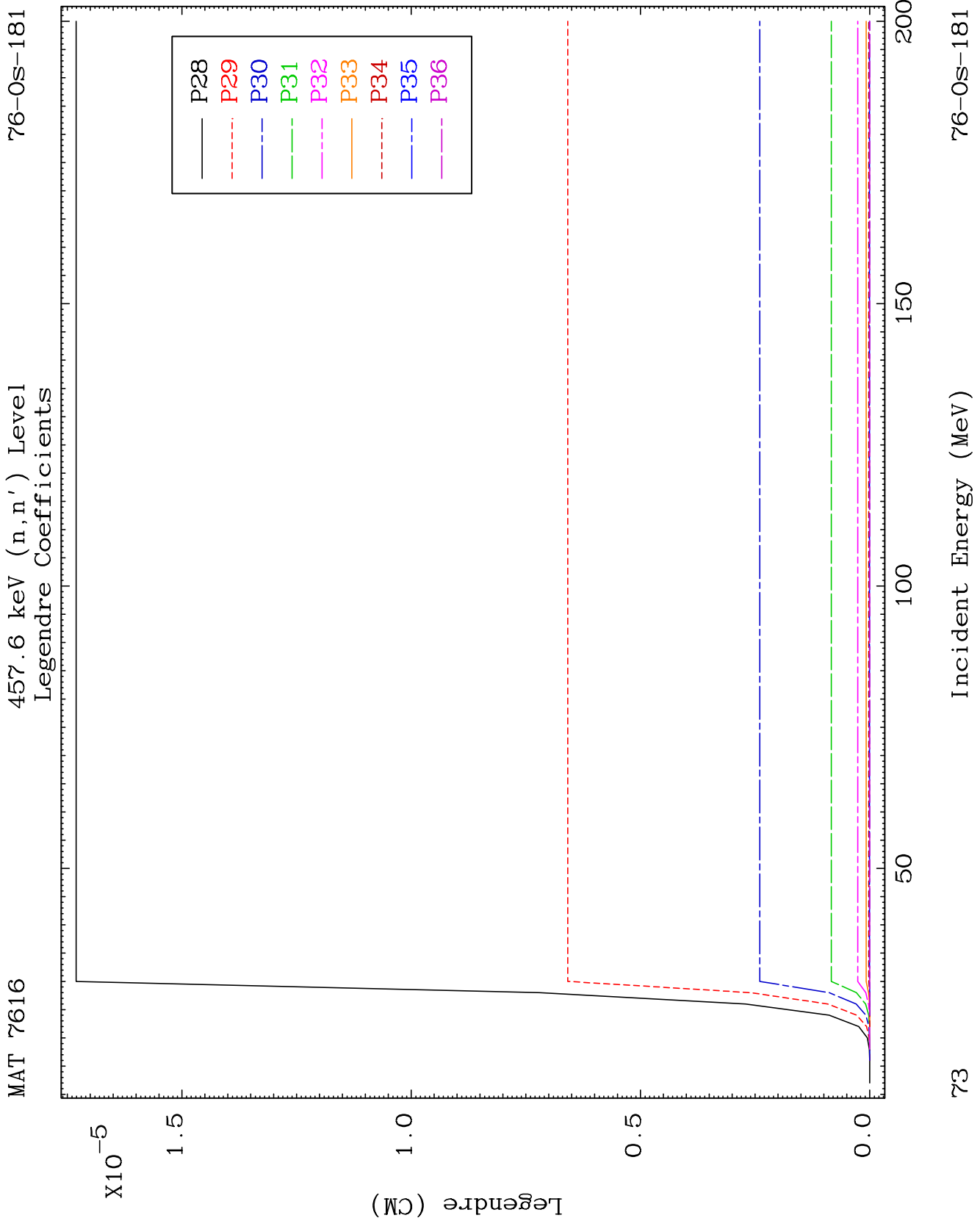








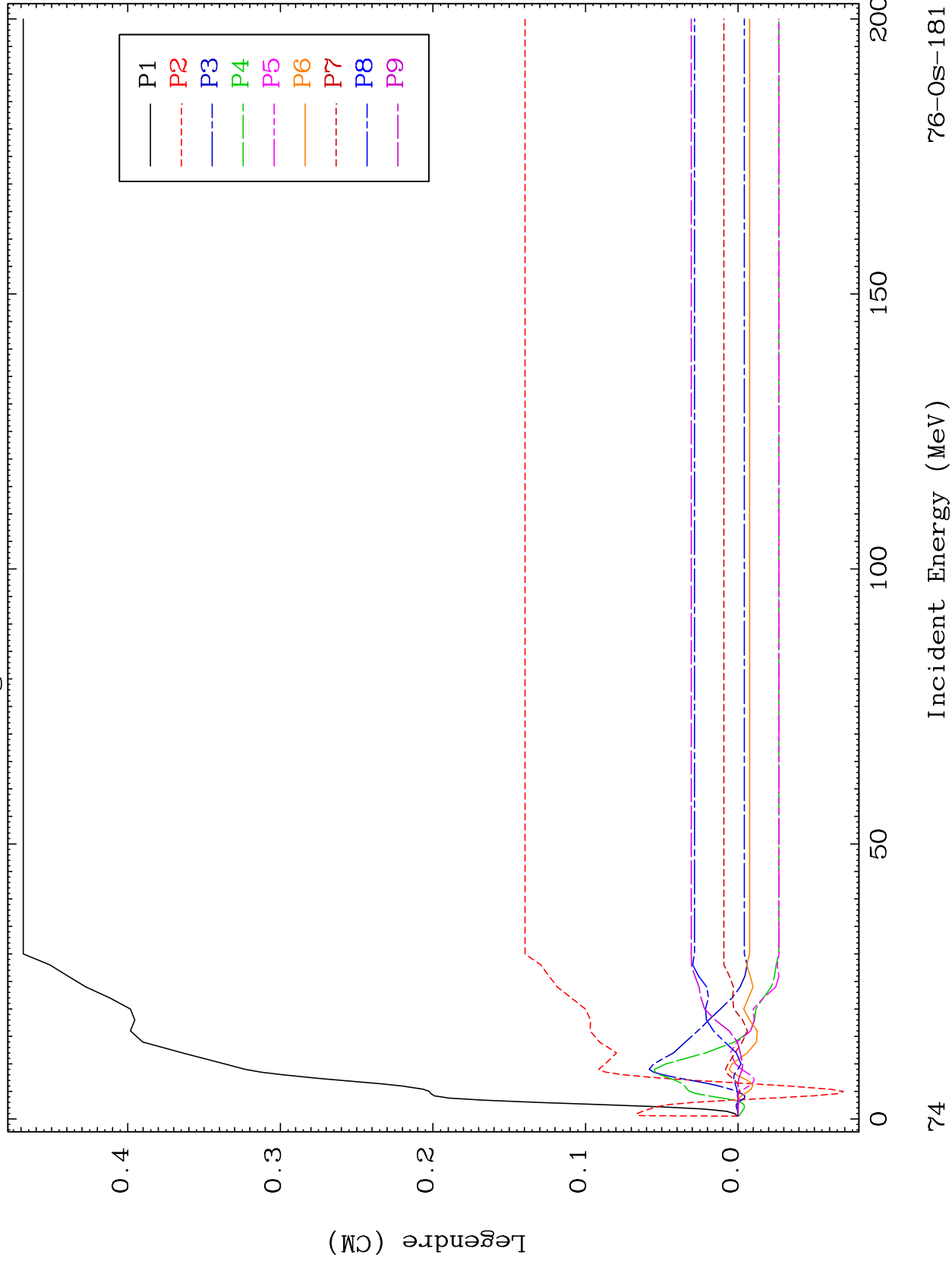




MAT 7616

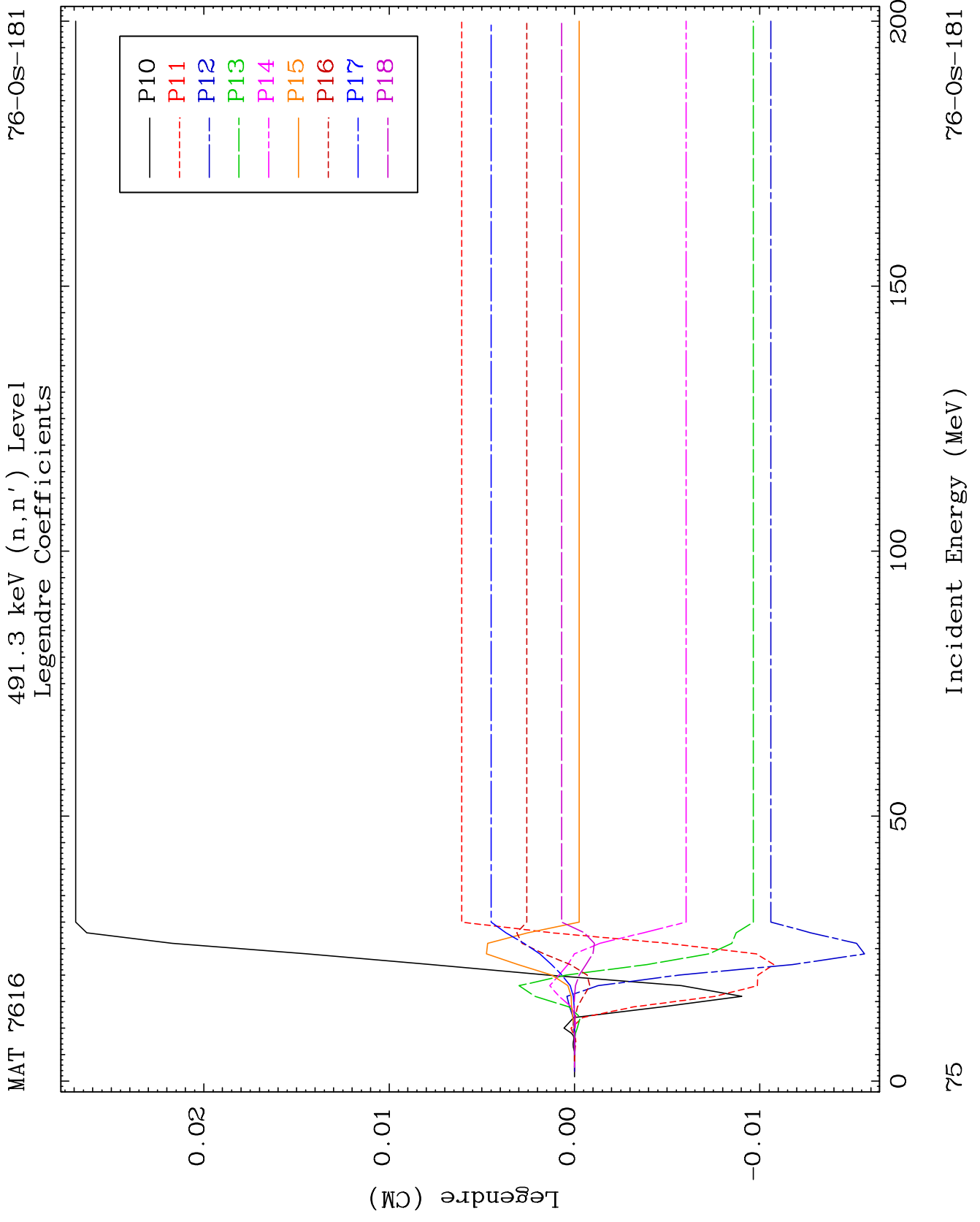
491.3 keV (n,n') Level  
Legendre Coefficients

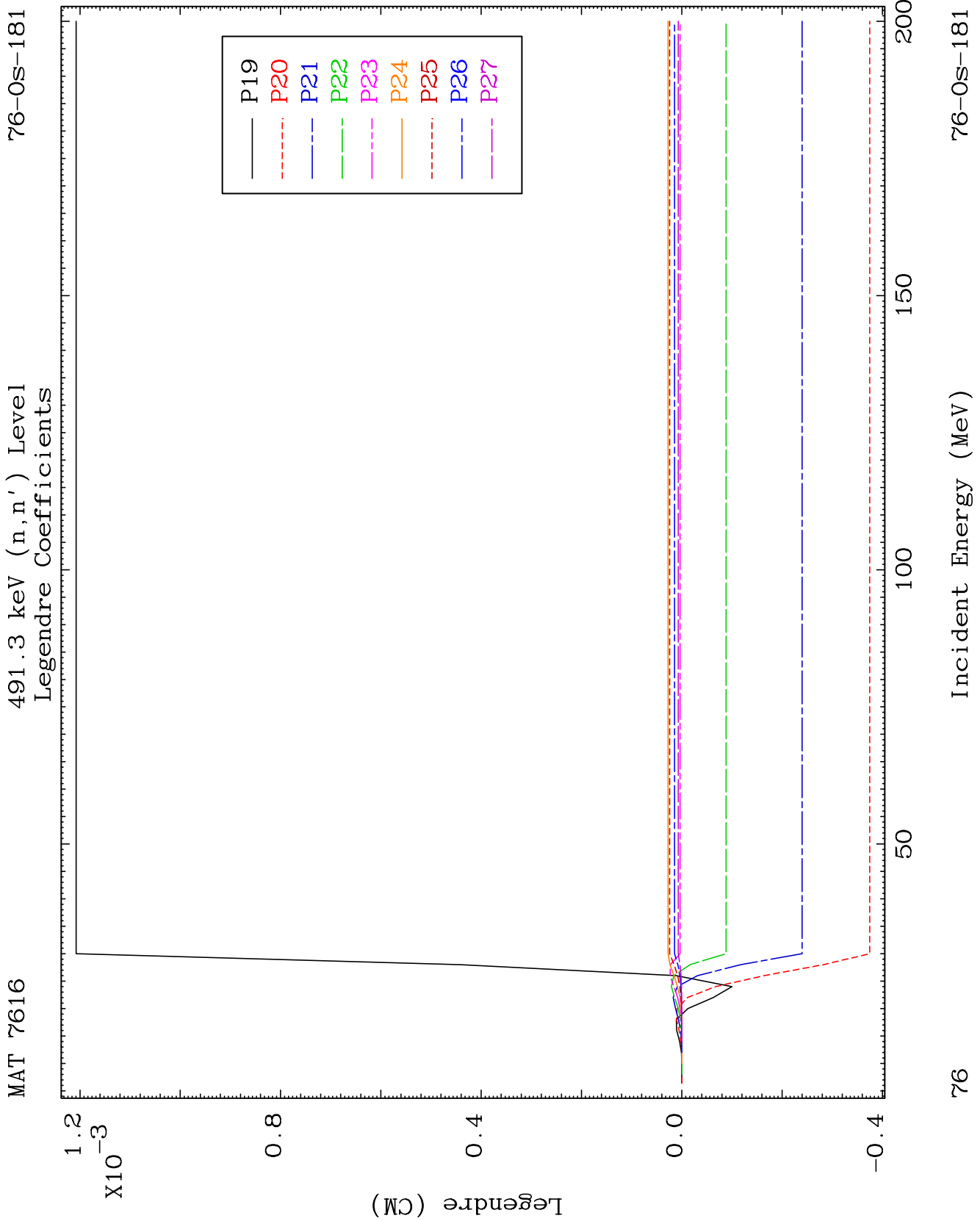
76-Os-181



74

76-Os-181

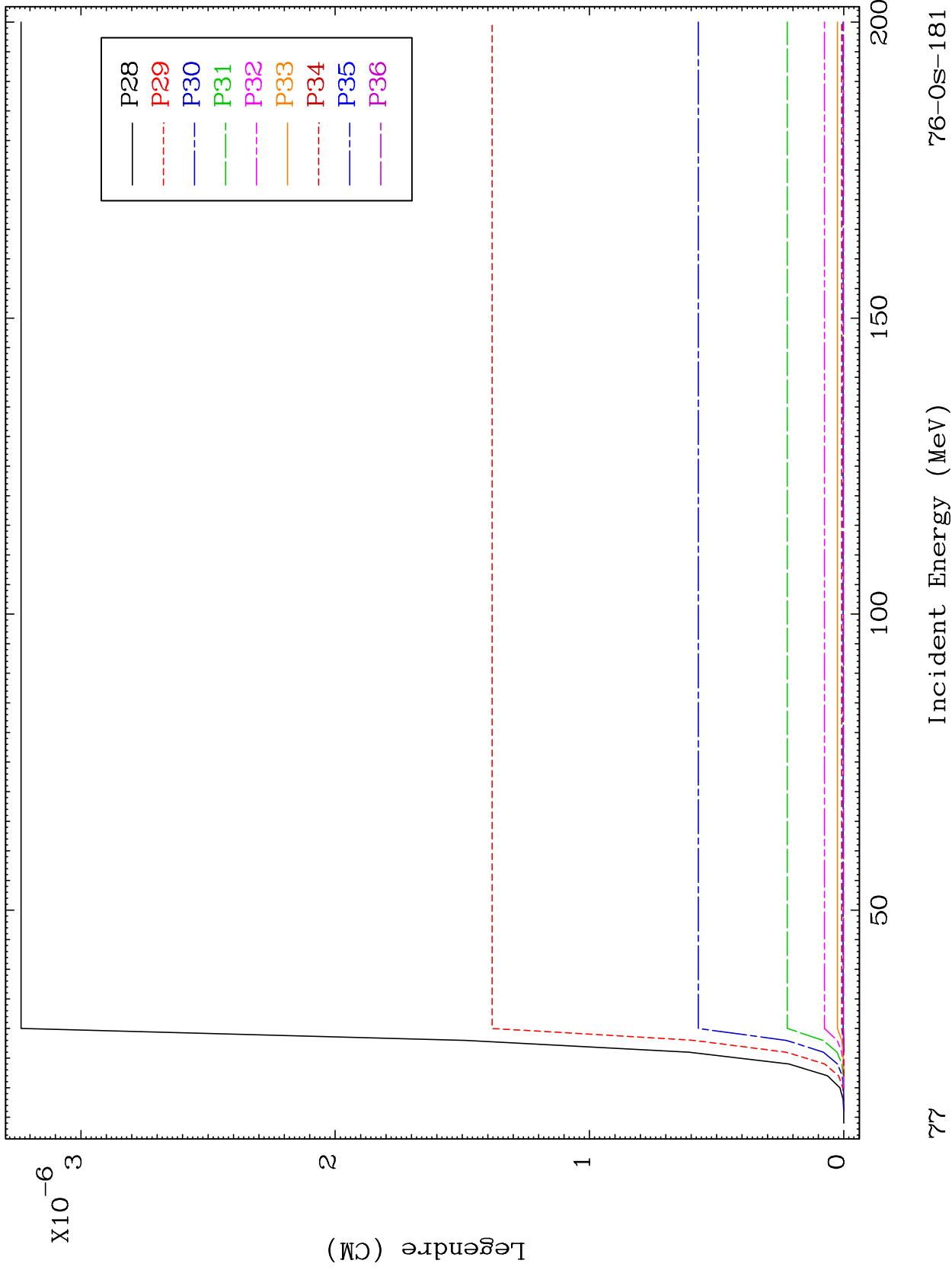


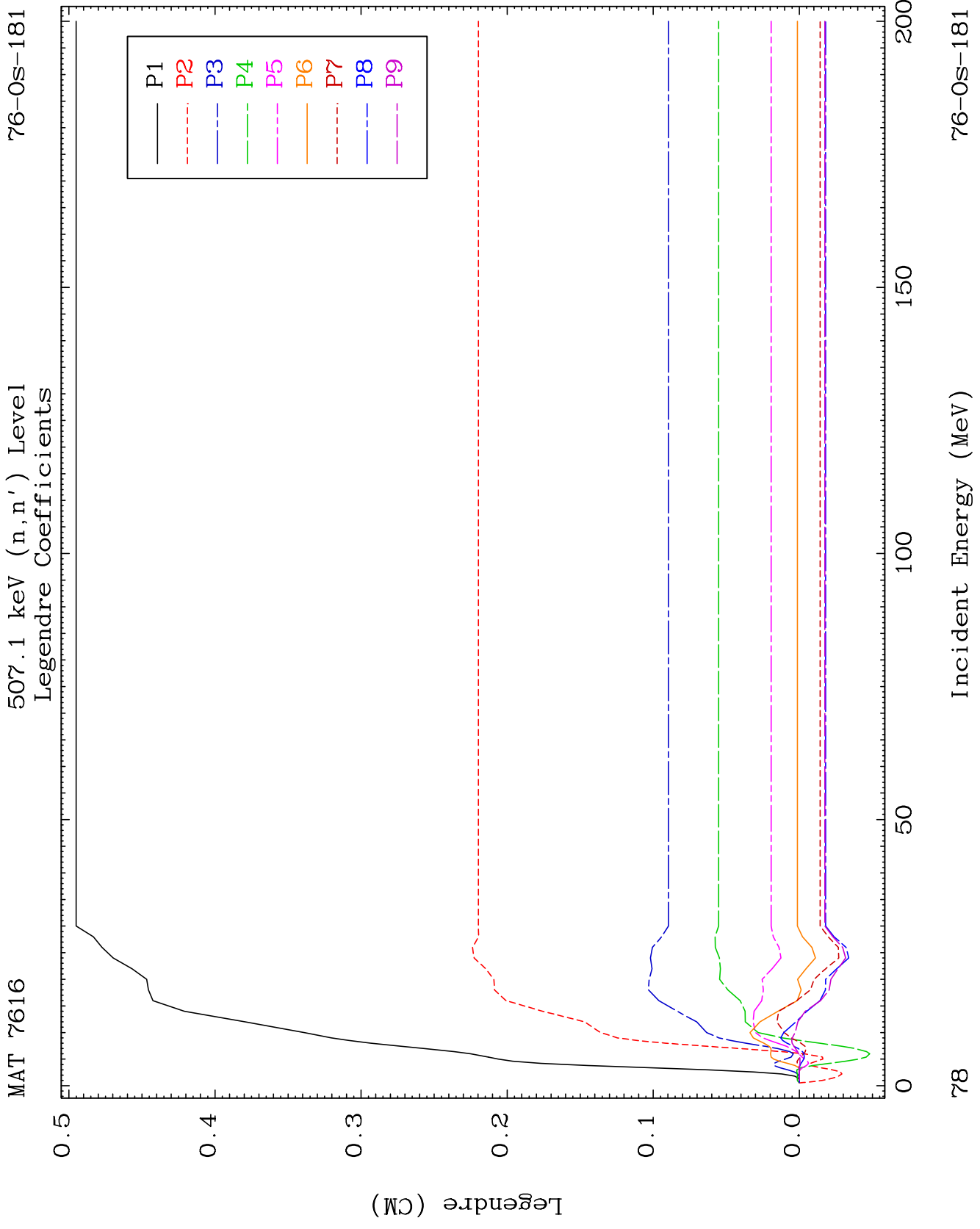


MAT 7616

491.3 keV (n,n') Level  
Legendre Coefficients

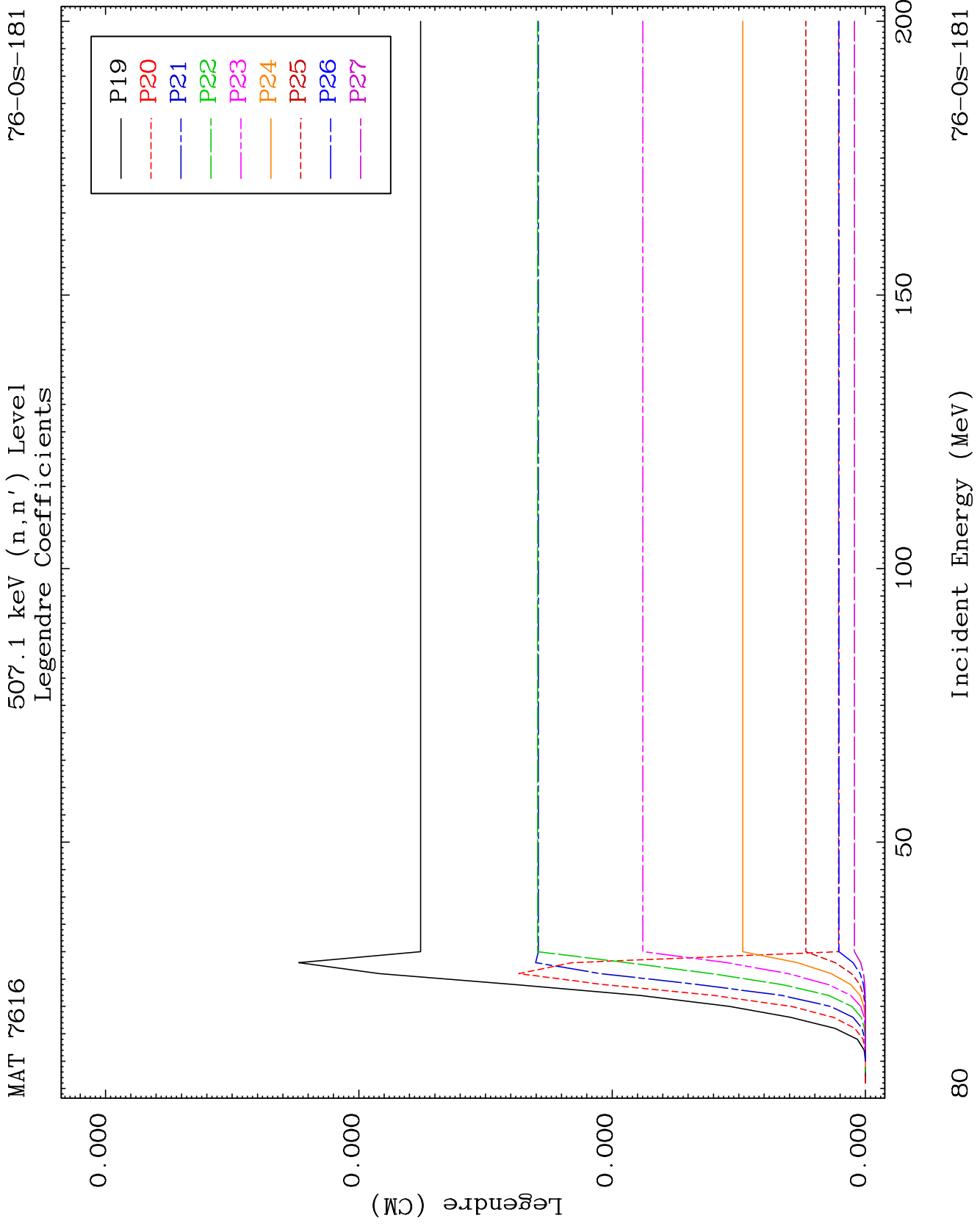
76-Os-181

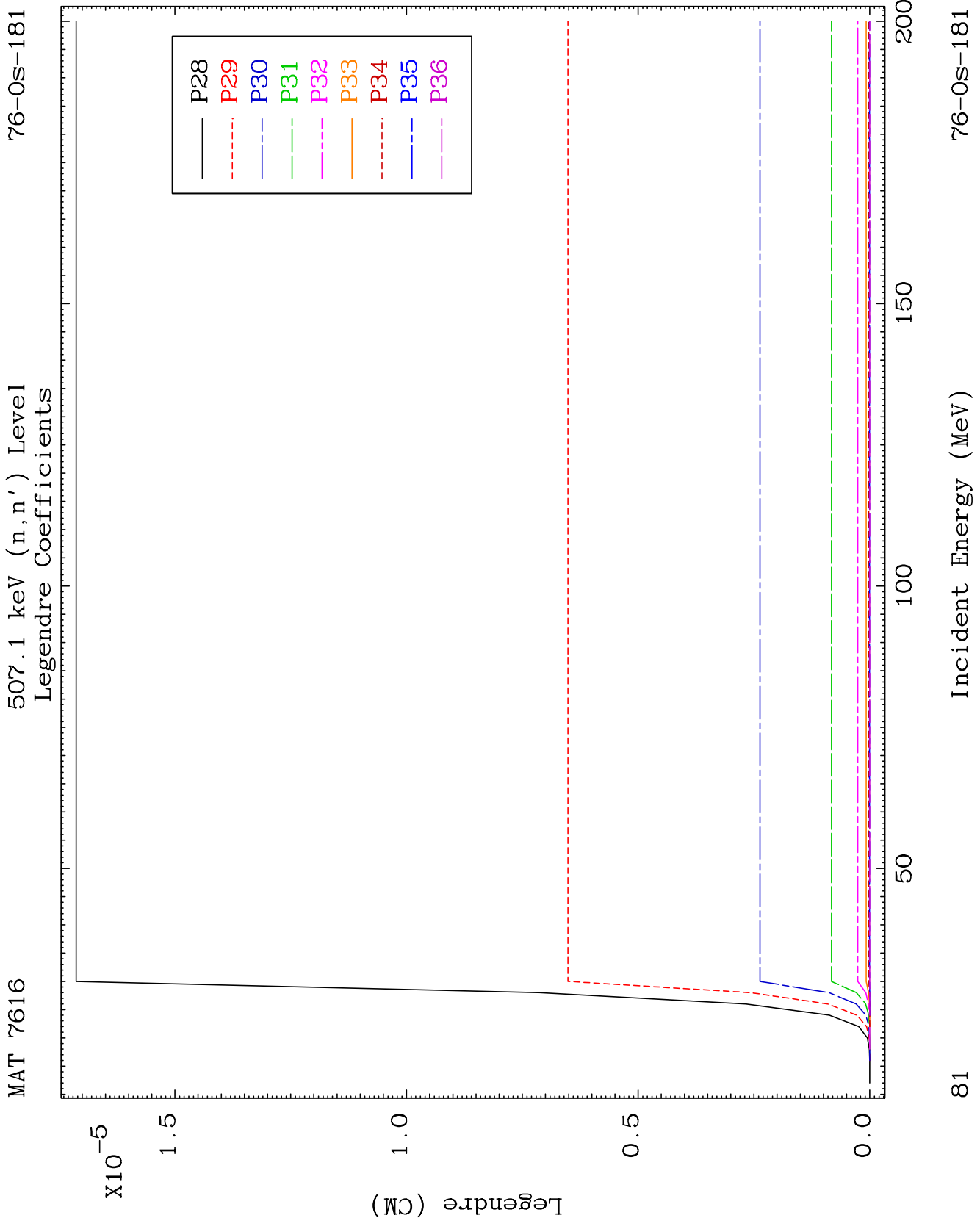


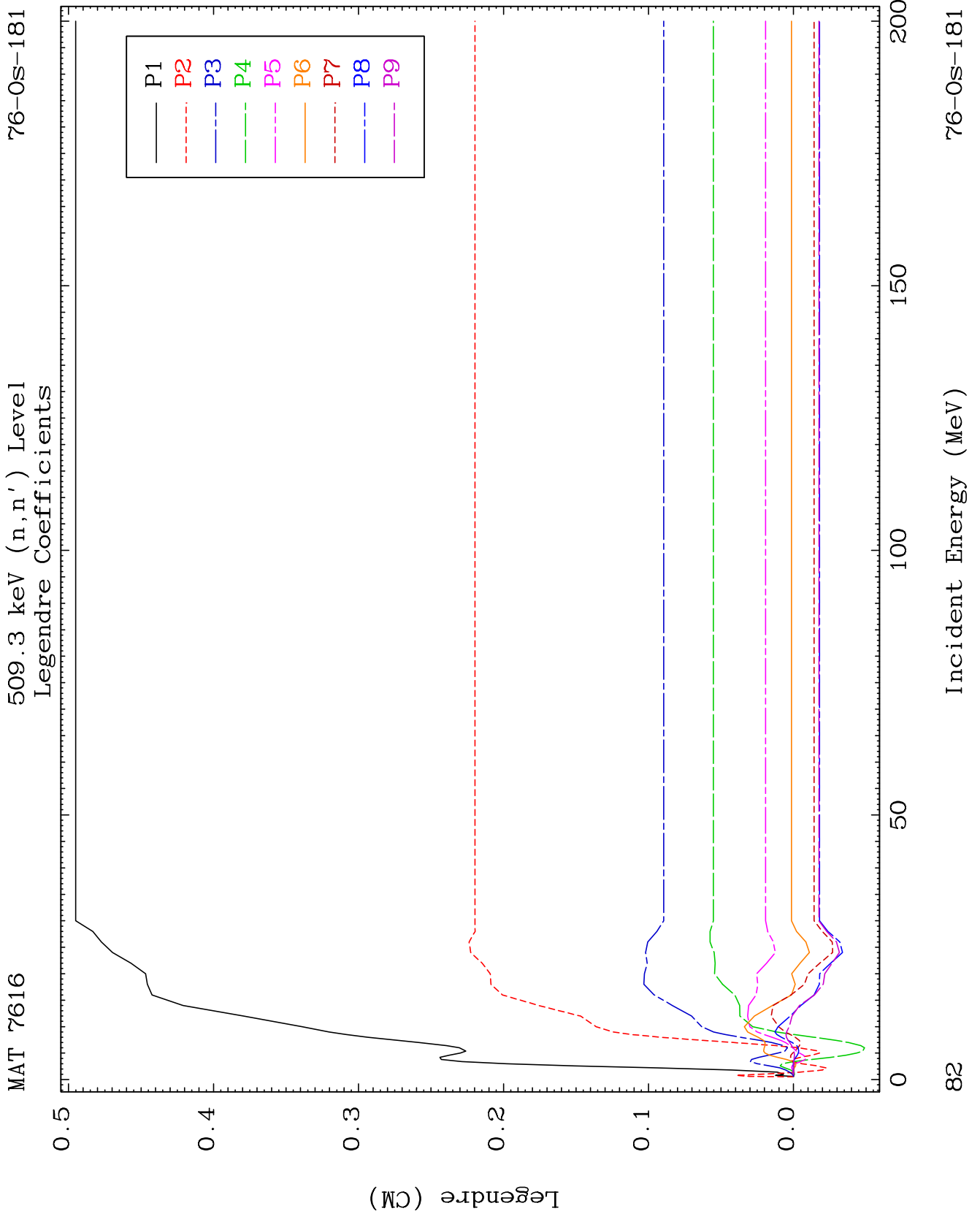










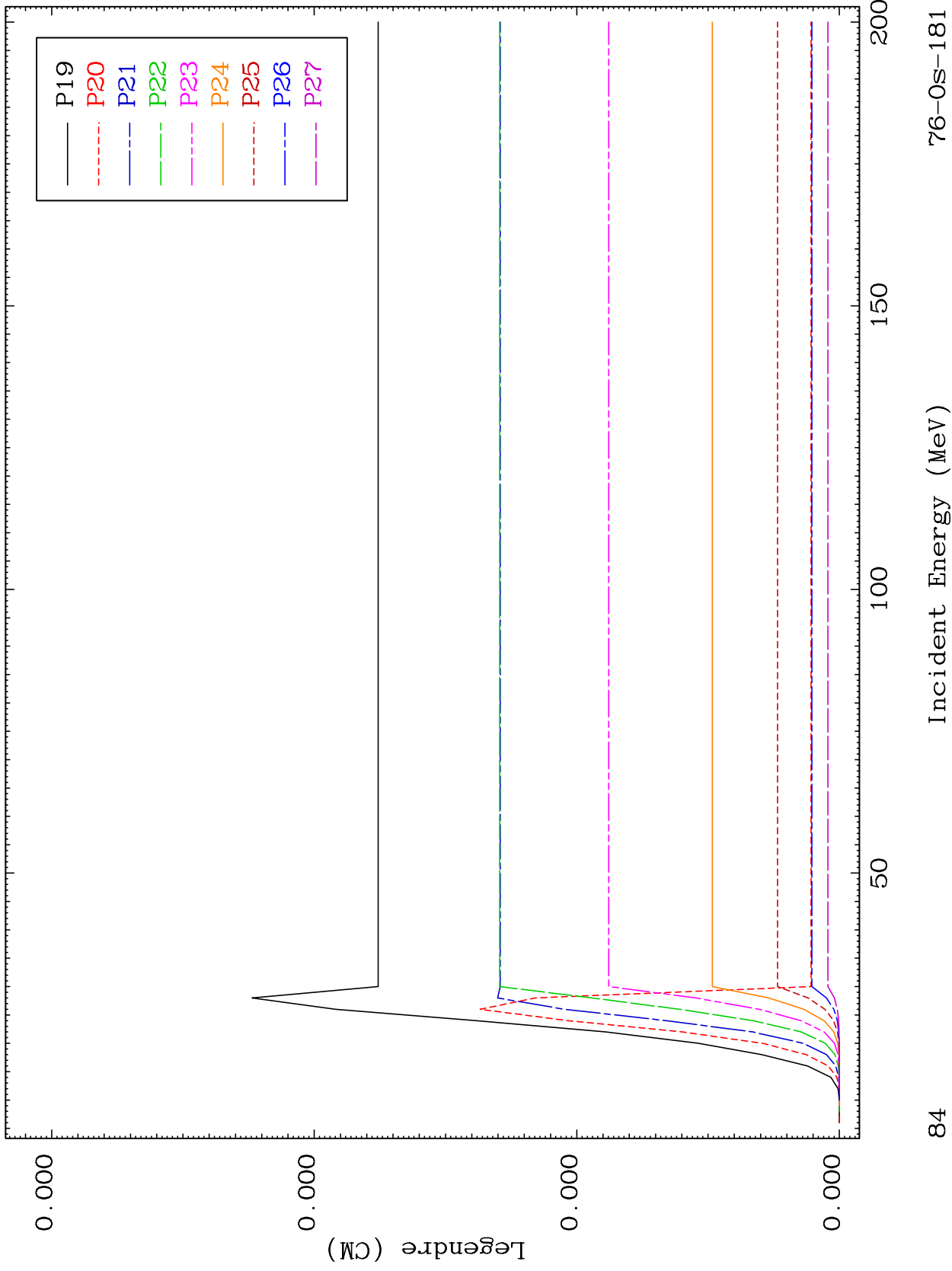




MAT 7616

509.3 keV (n,n') Level  
Legendre Coefficients

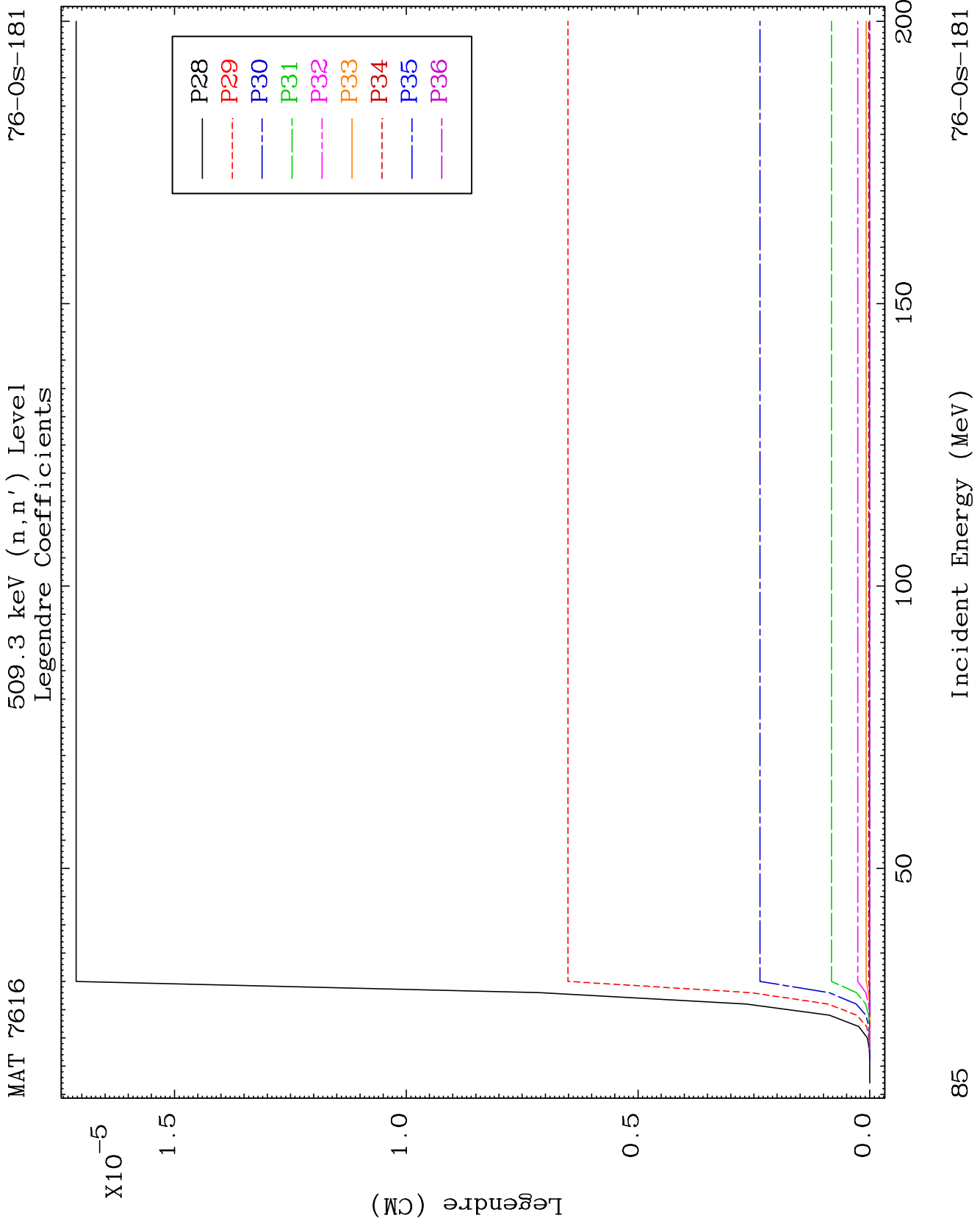
76-Os-181

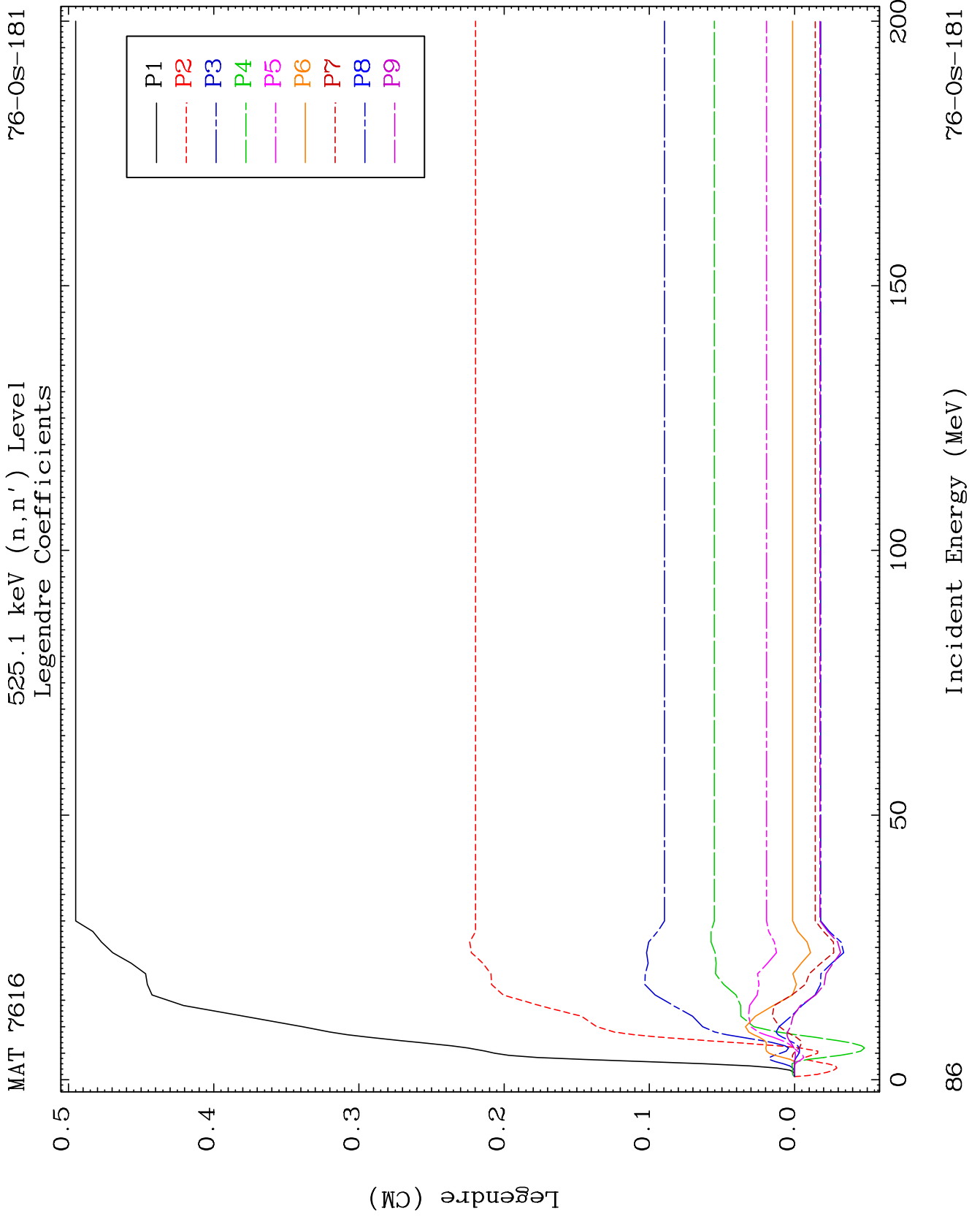


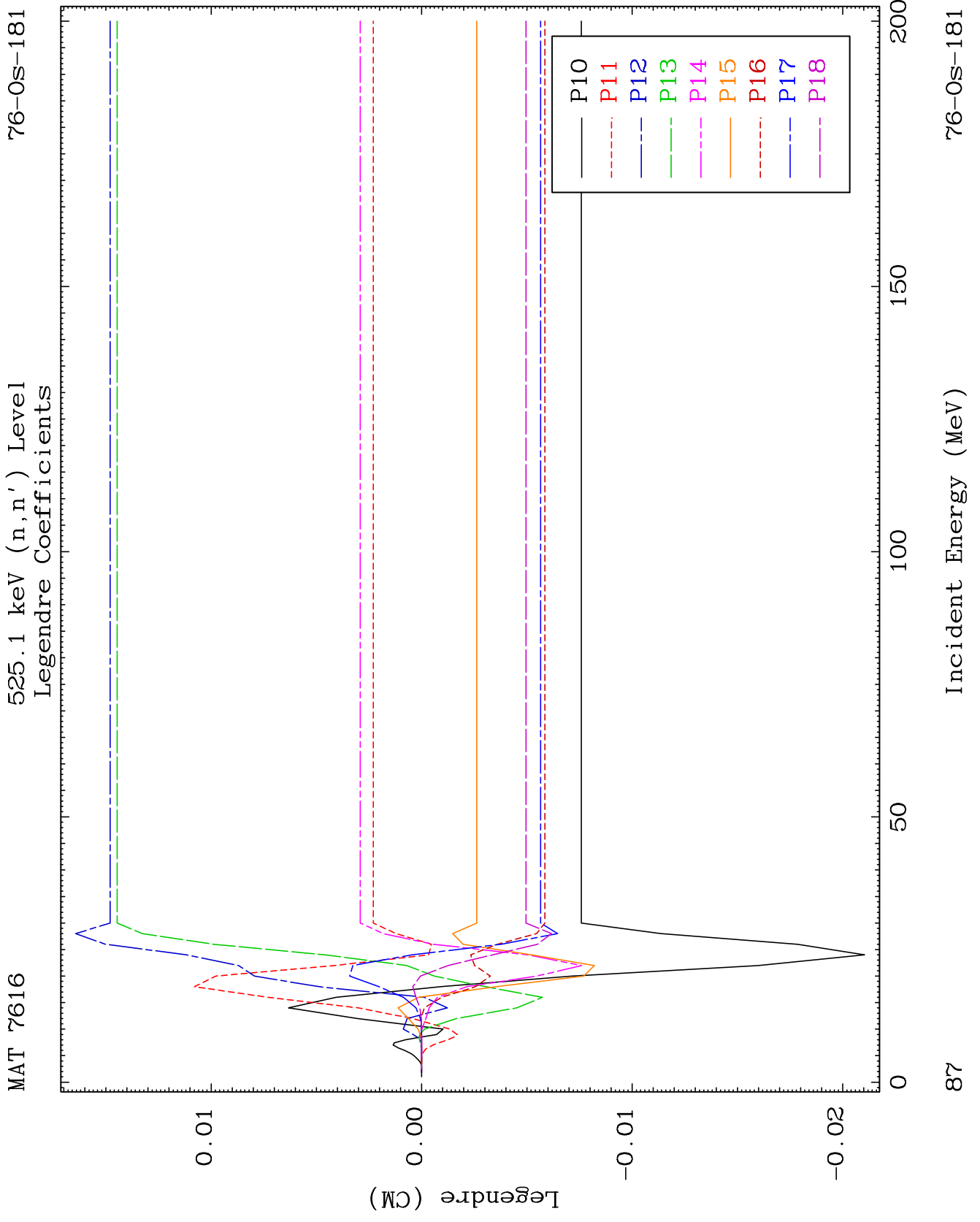
84

Incident Energy (MeV)

76-Os-181





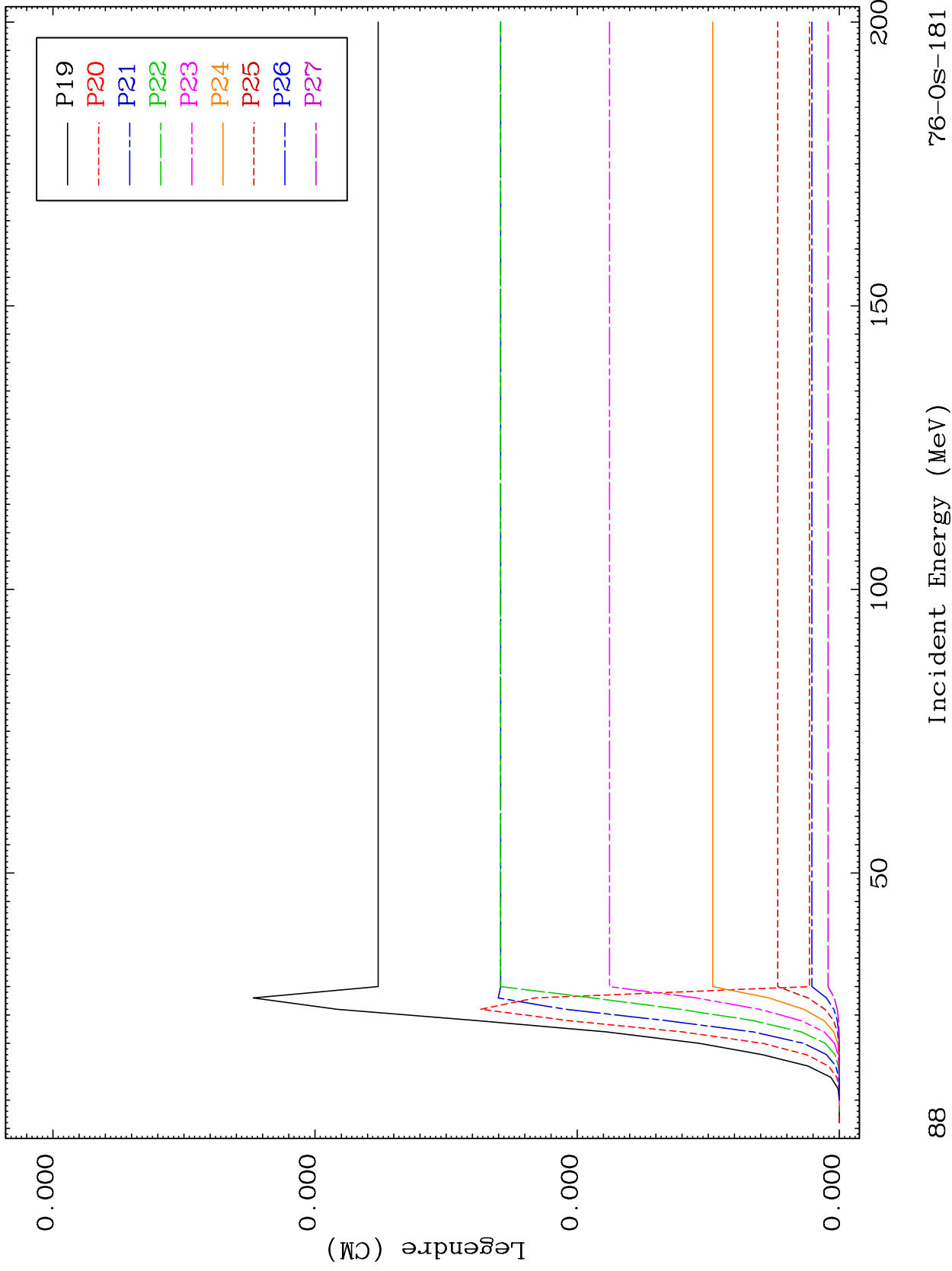




MAT 7616

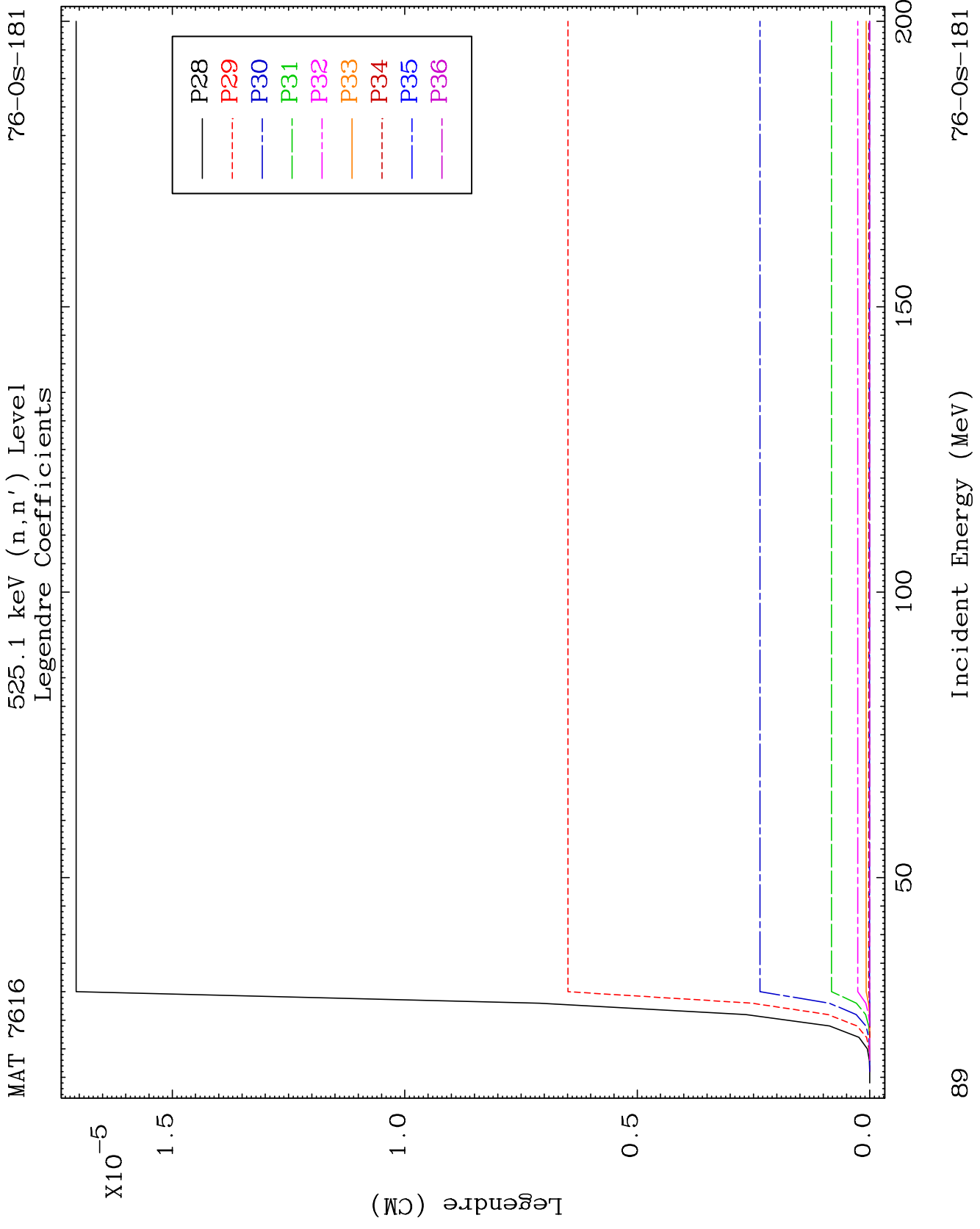
525.1 keV (n,n') Level  
Legendre Coefficients

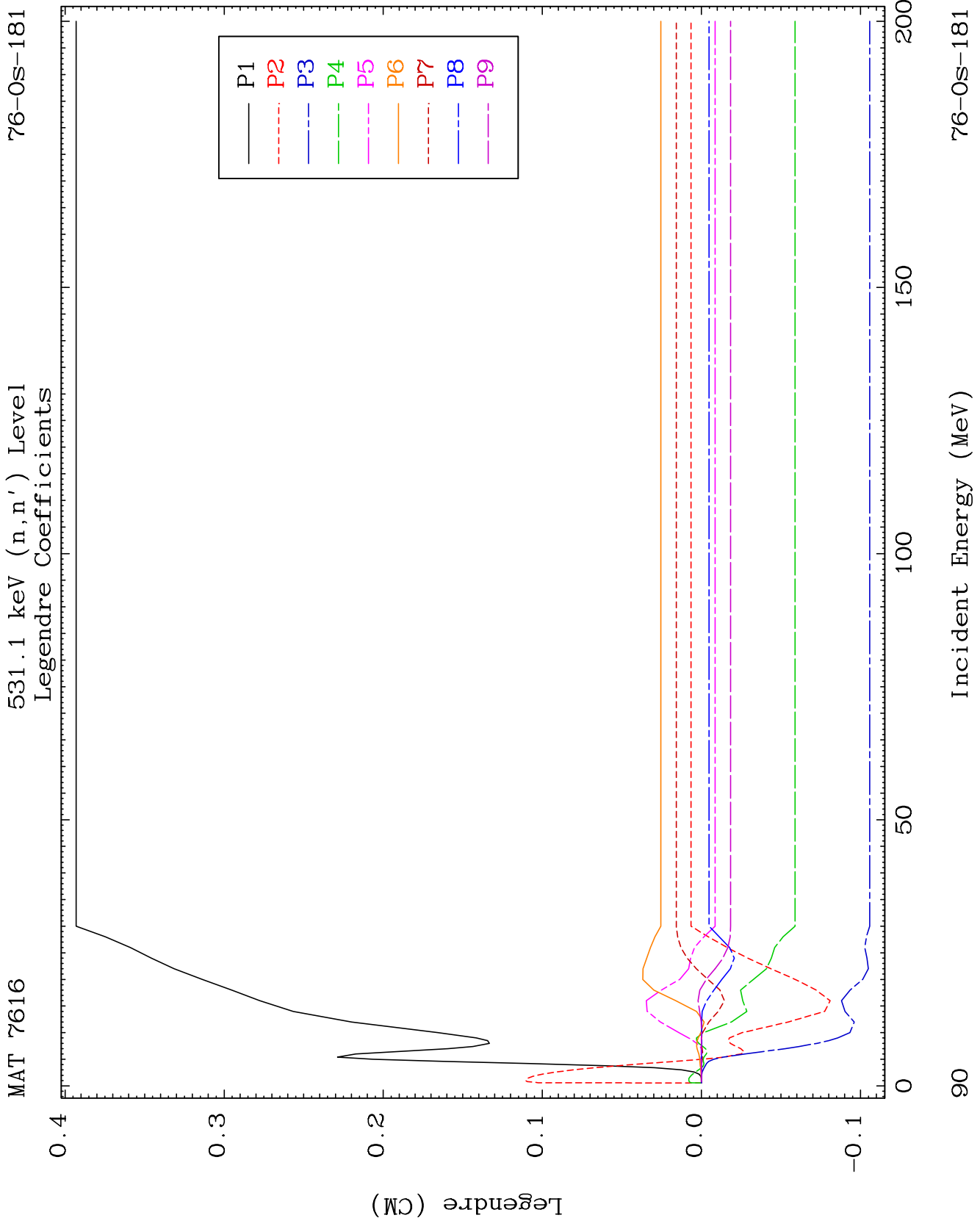
76-Os-181



88

76-Os-181



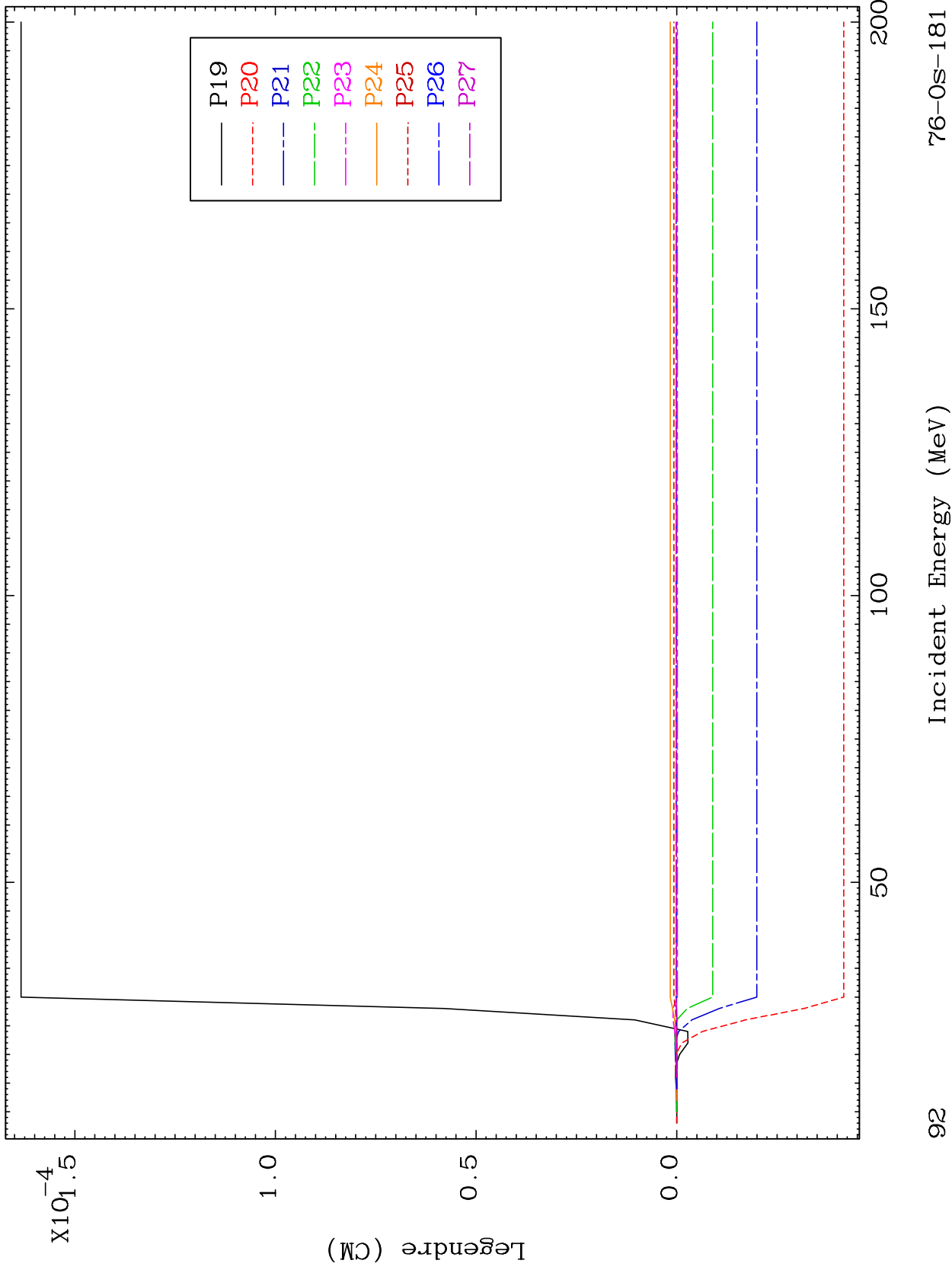




MAT 7616

531.1 keV (n,n') Level  
Legendre Coefficients

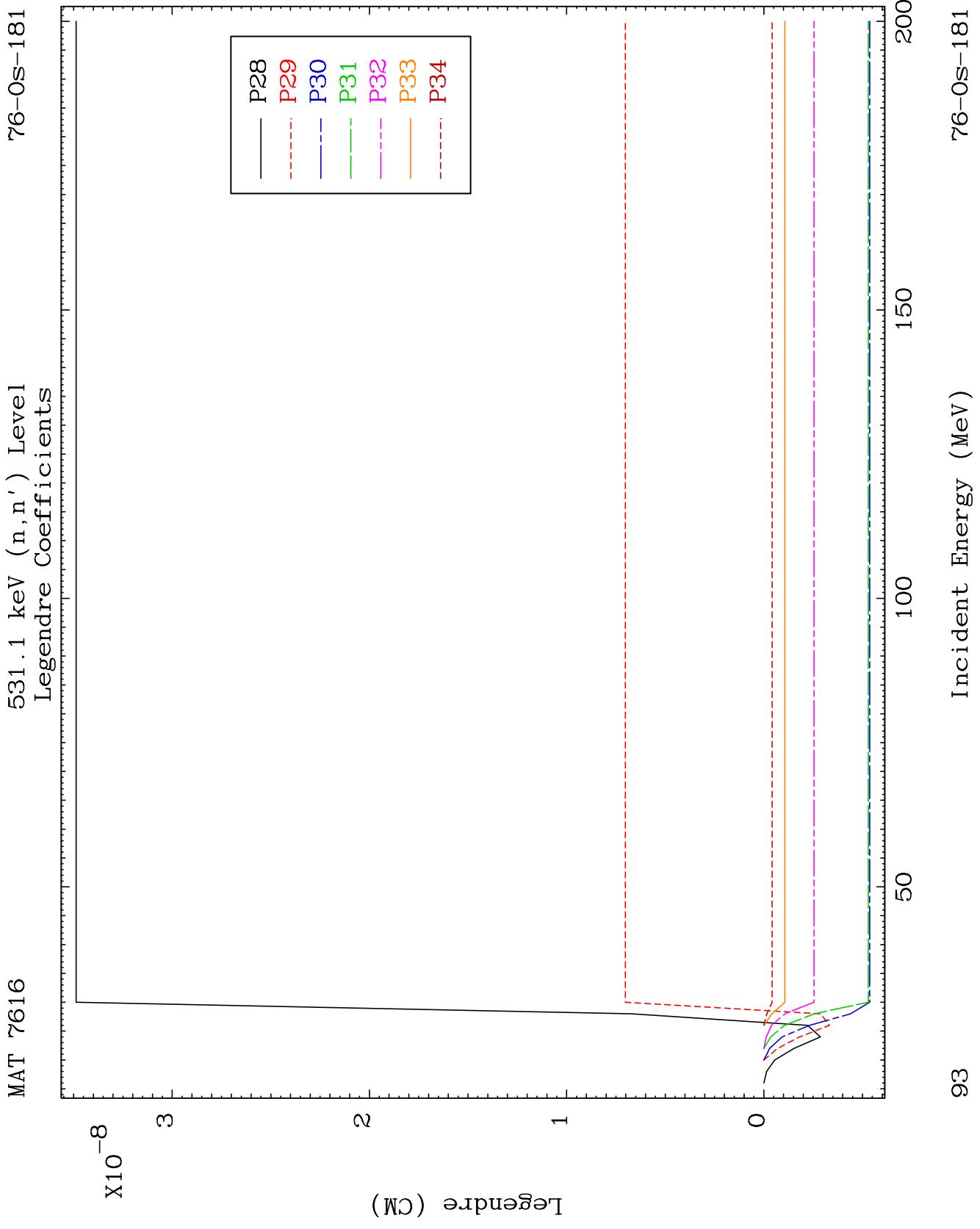
76-Os-181

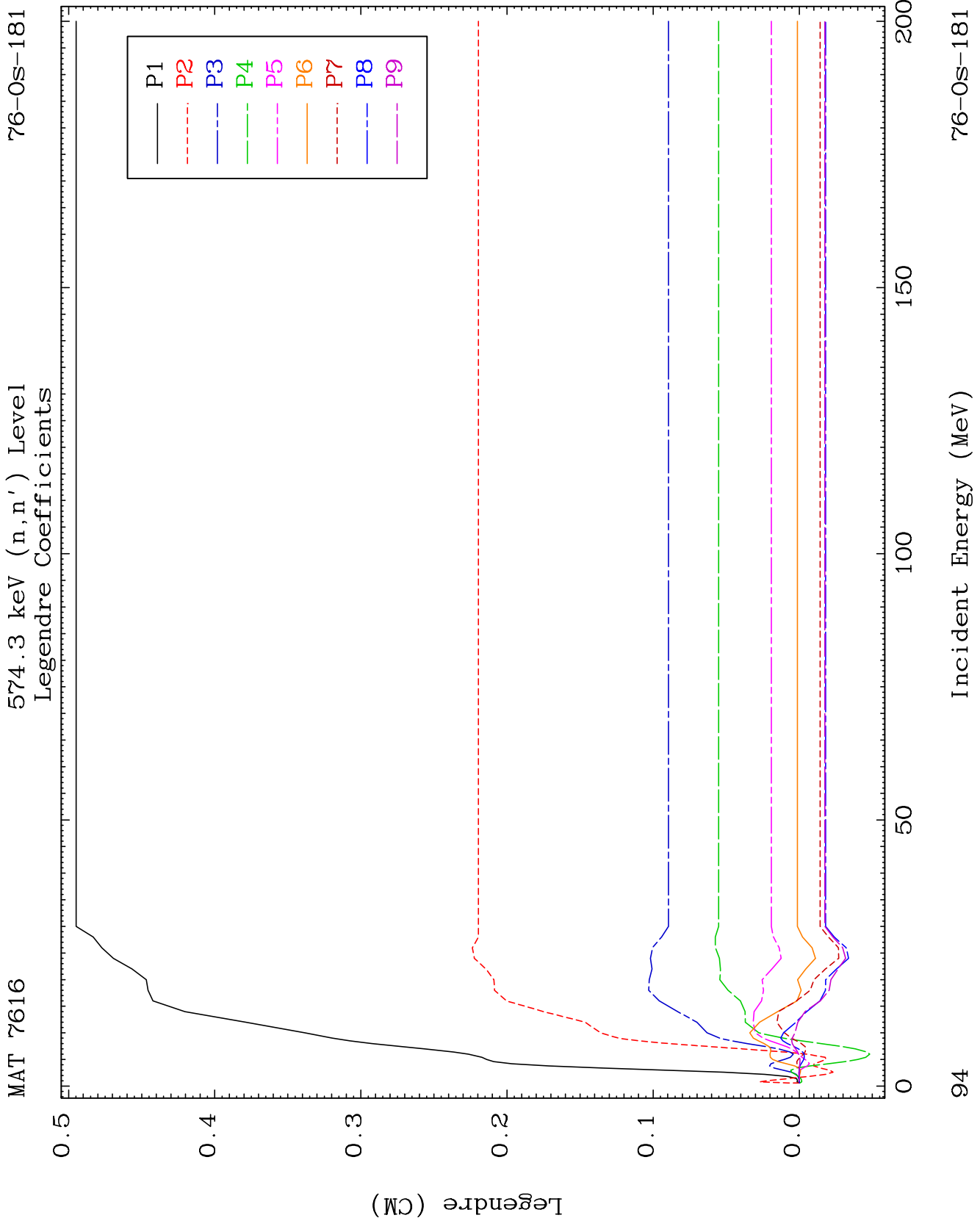


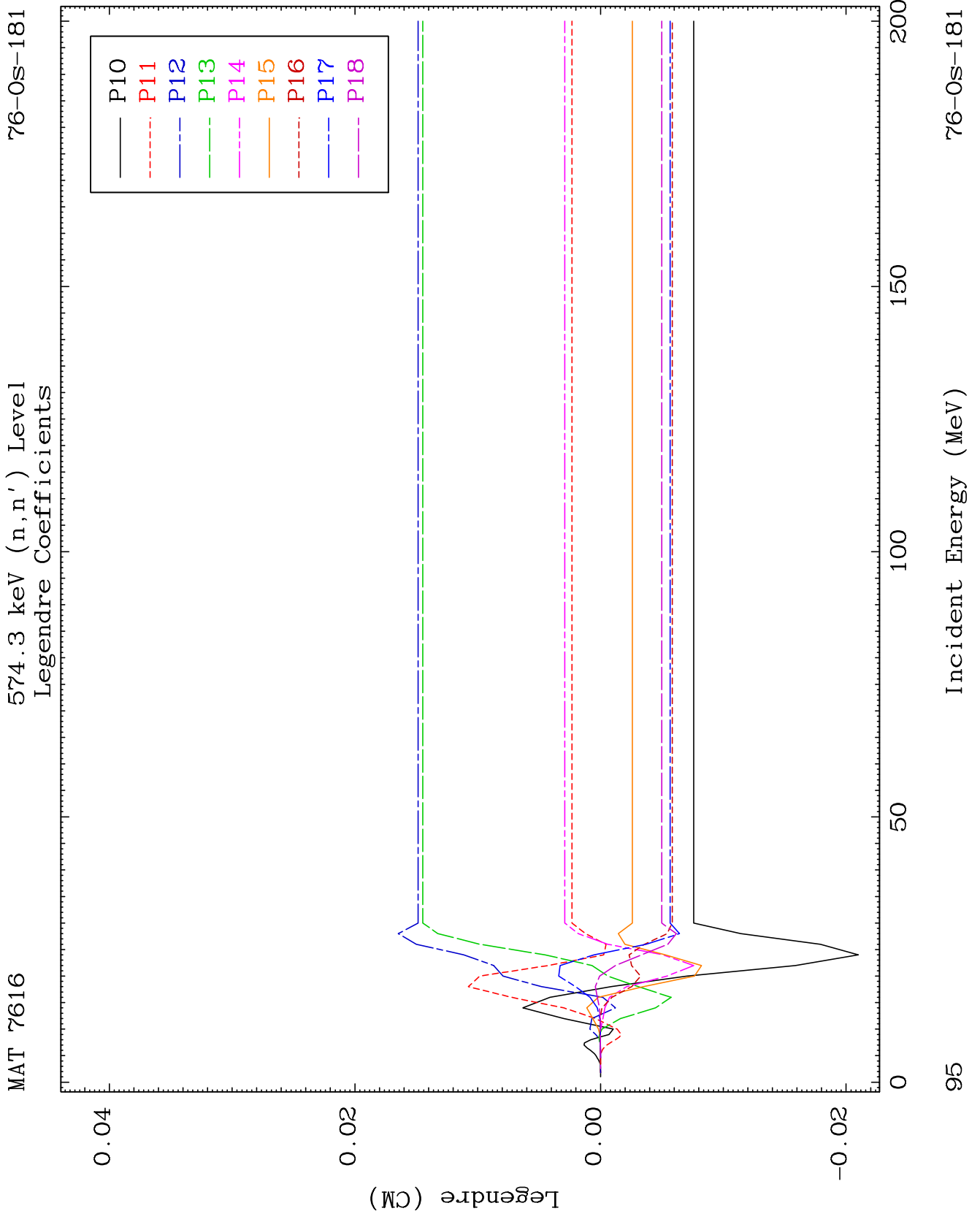
92

Incident Energy (MeV)

76-Os-181





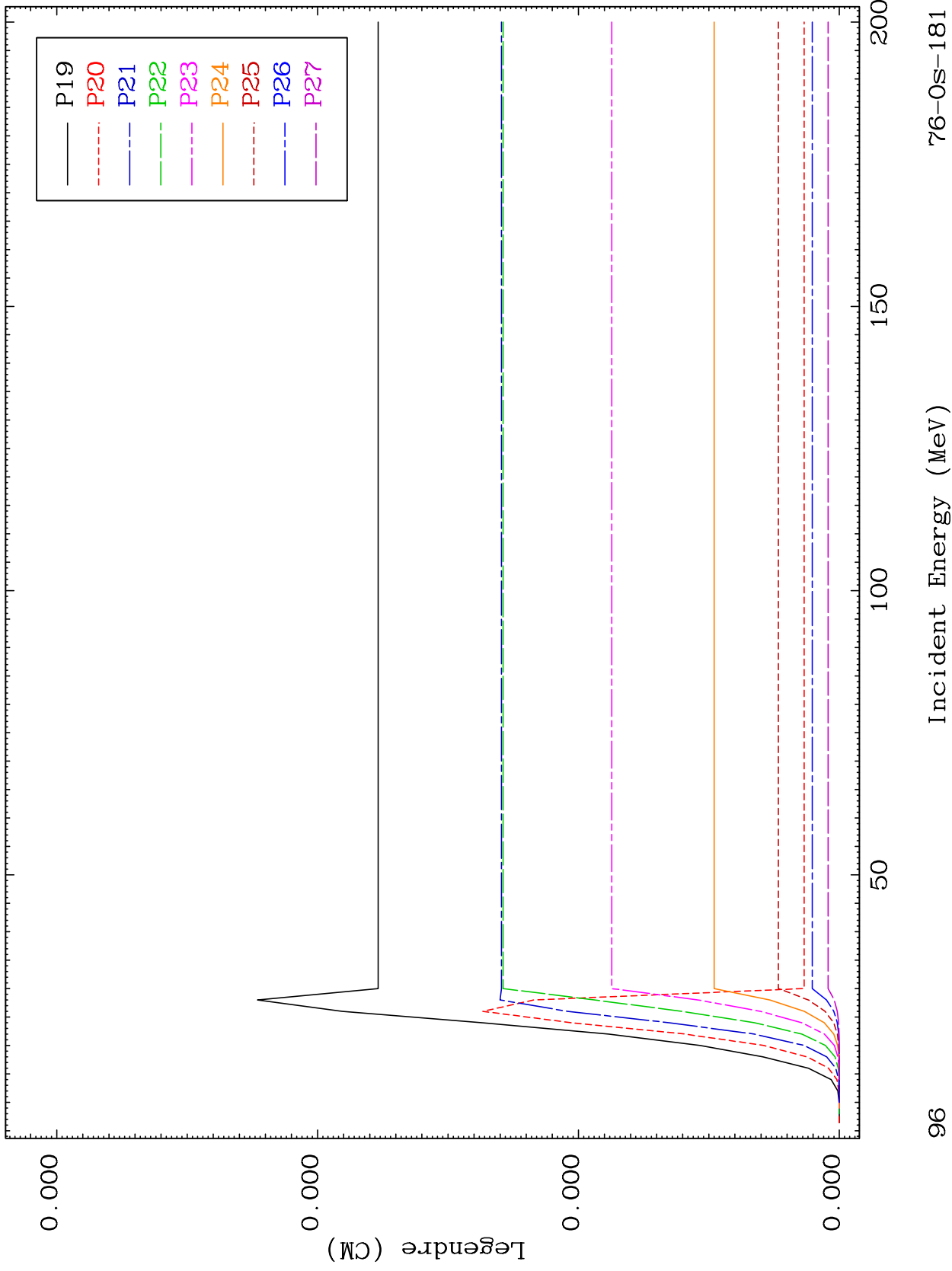




MAT 7616

574.3 keV (n,n') Level  
Legendre Coefficients

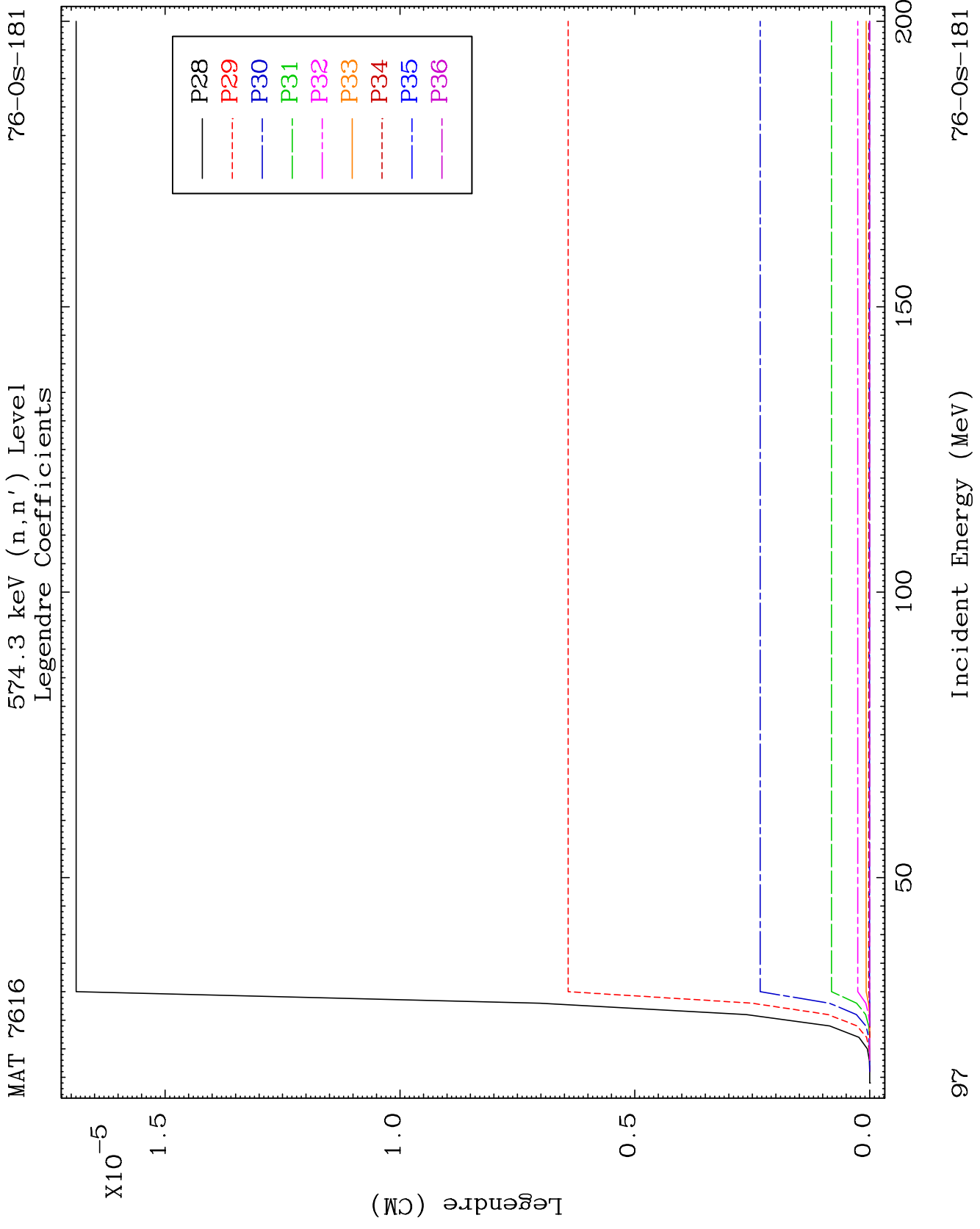
76-Os-181



96

Incident Energy (MeV)

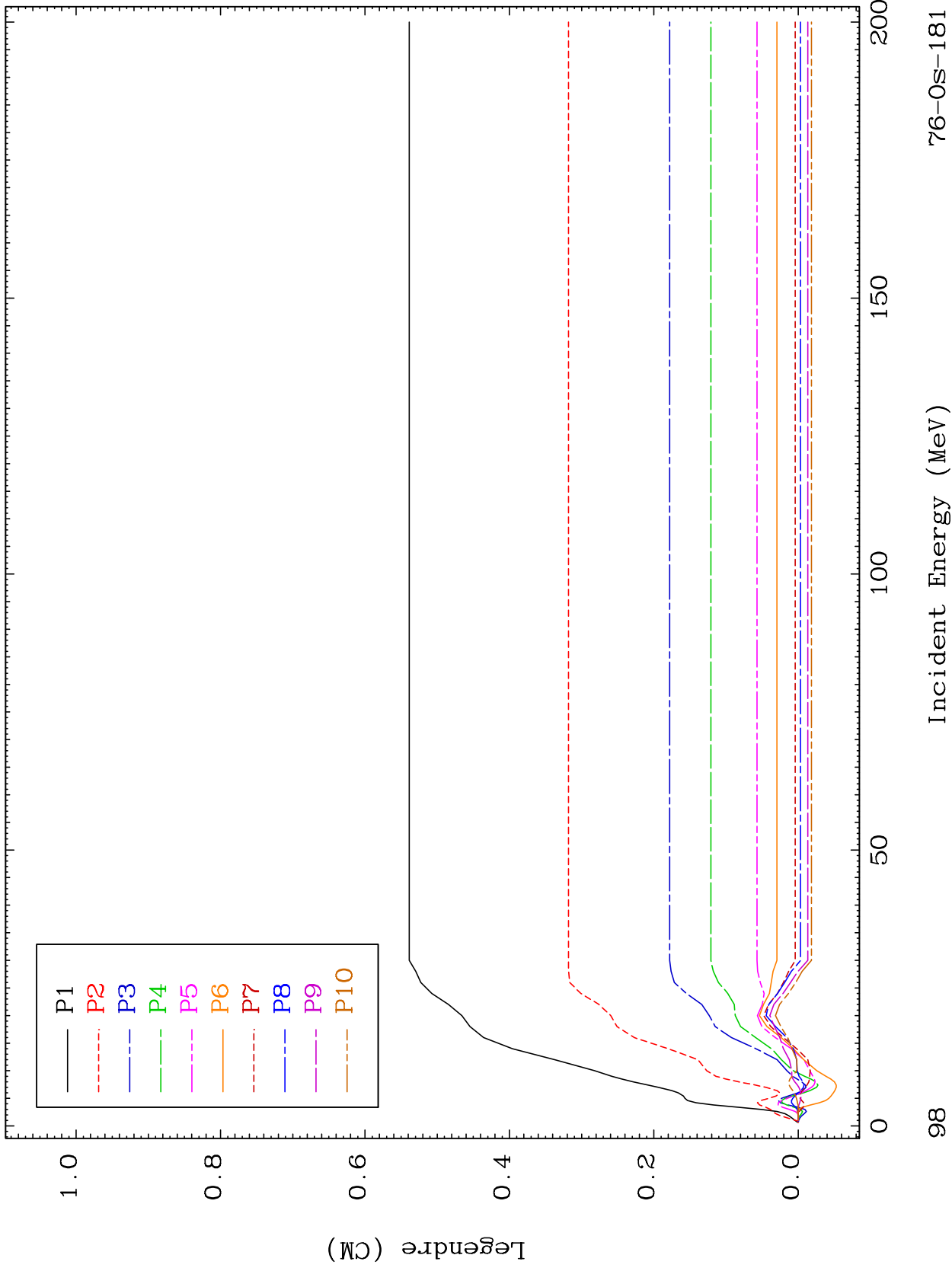
76-Os-181



MAT 7616

575.8 keV (n,n') Level  
Legendre Coefficients

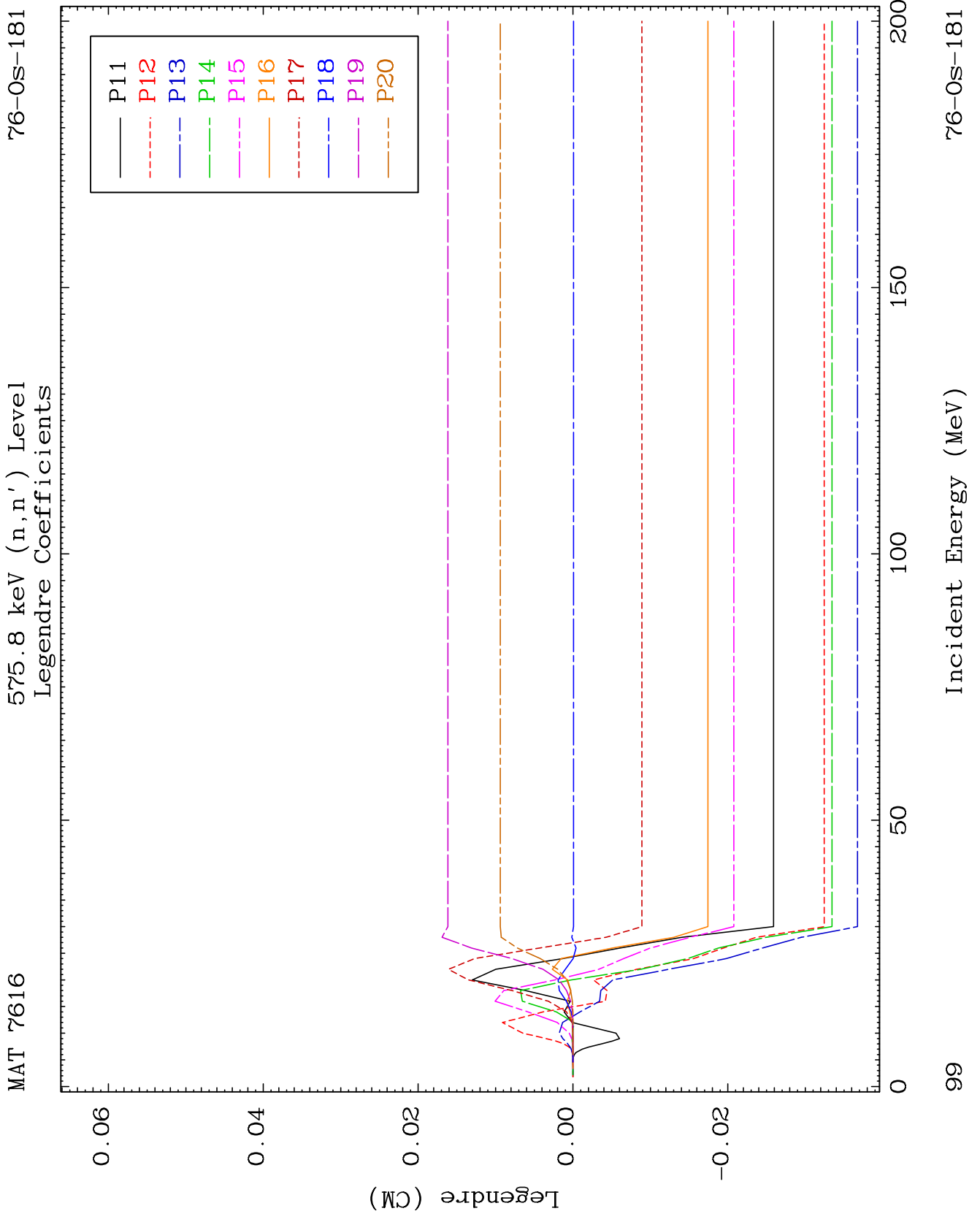
76-Os-181



98

Incident Energy (MeV)

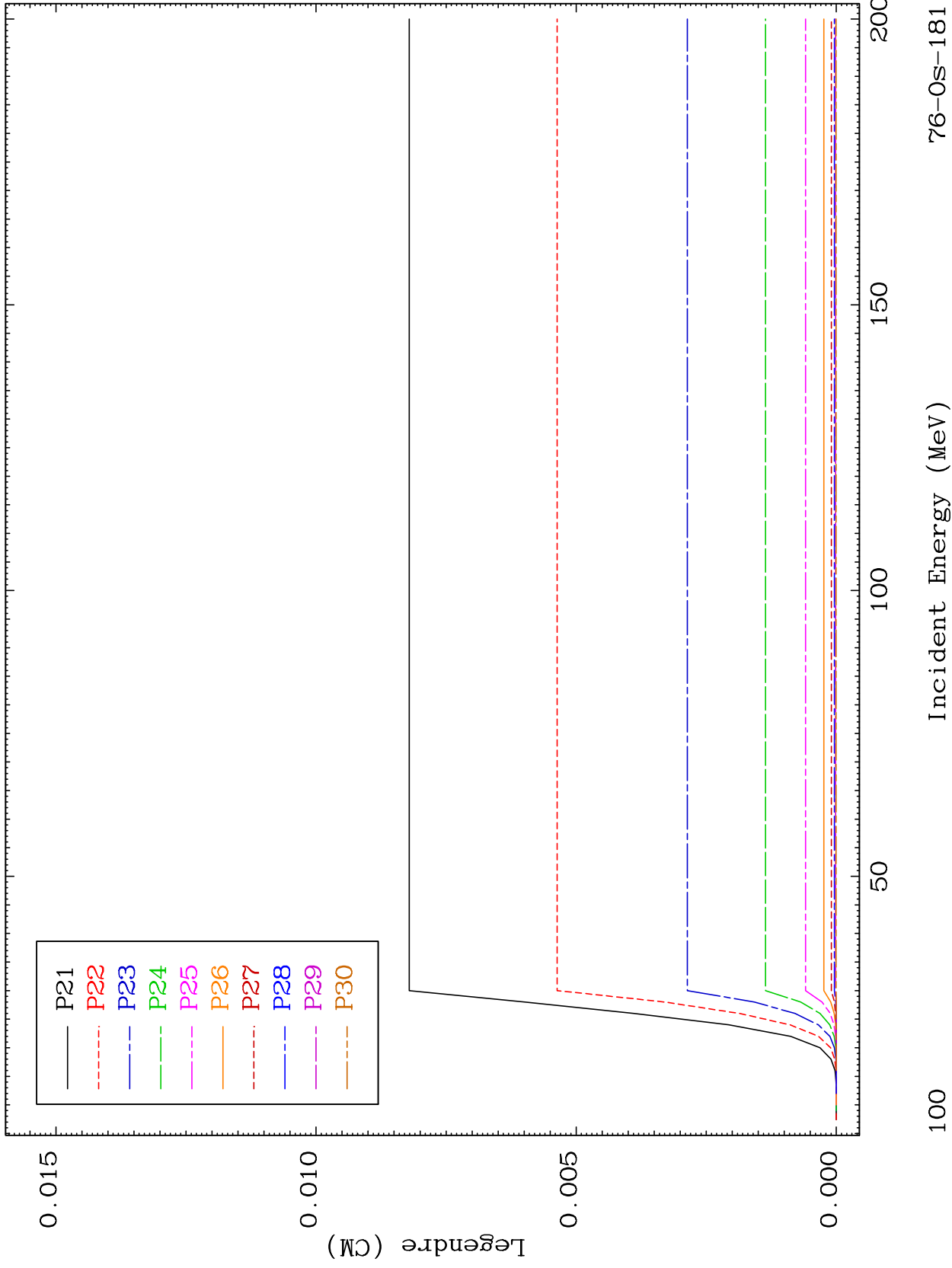
76-Os-181



MAT 7616

575.8 keV (n,n') Level  
Legendre Coefficients

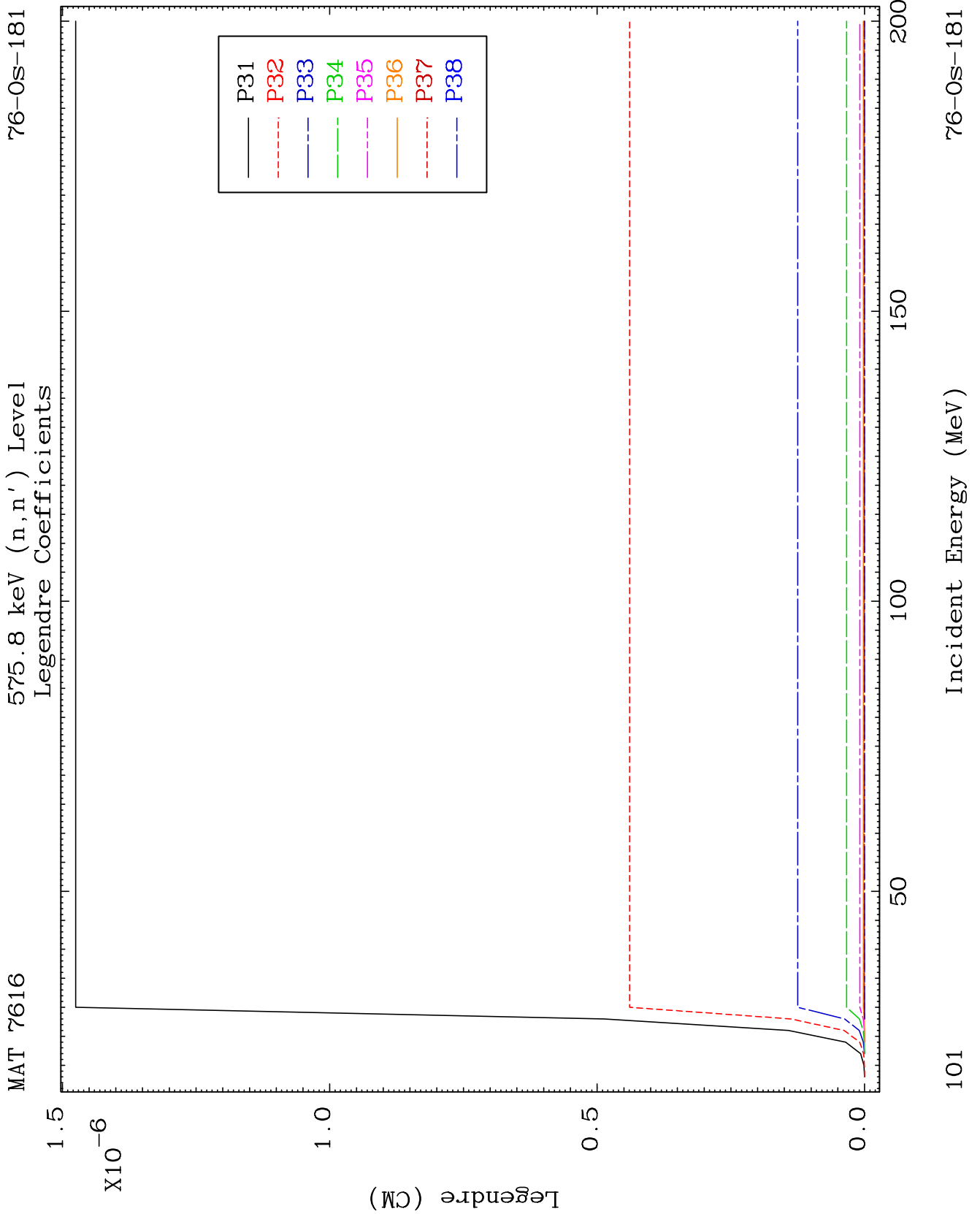
76-Os-181



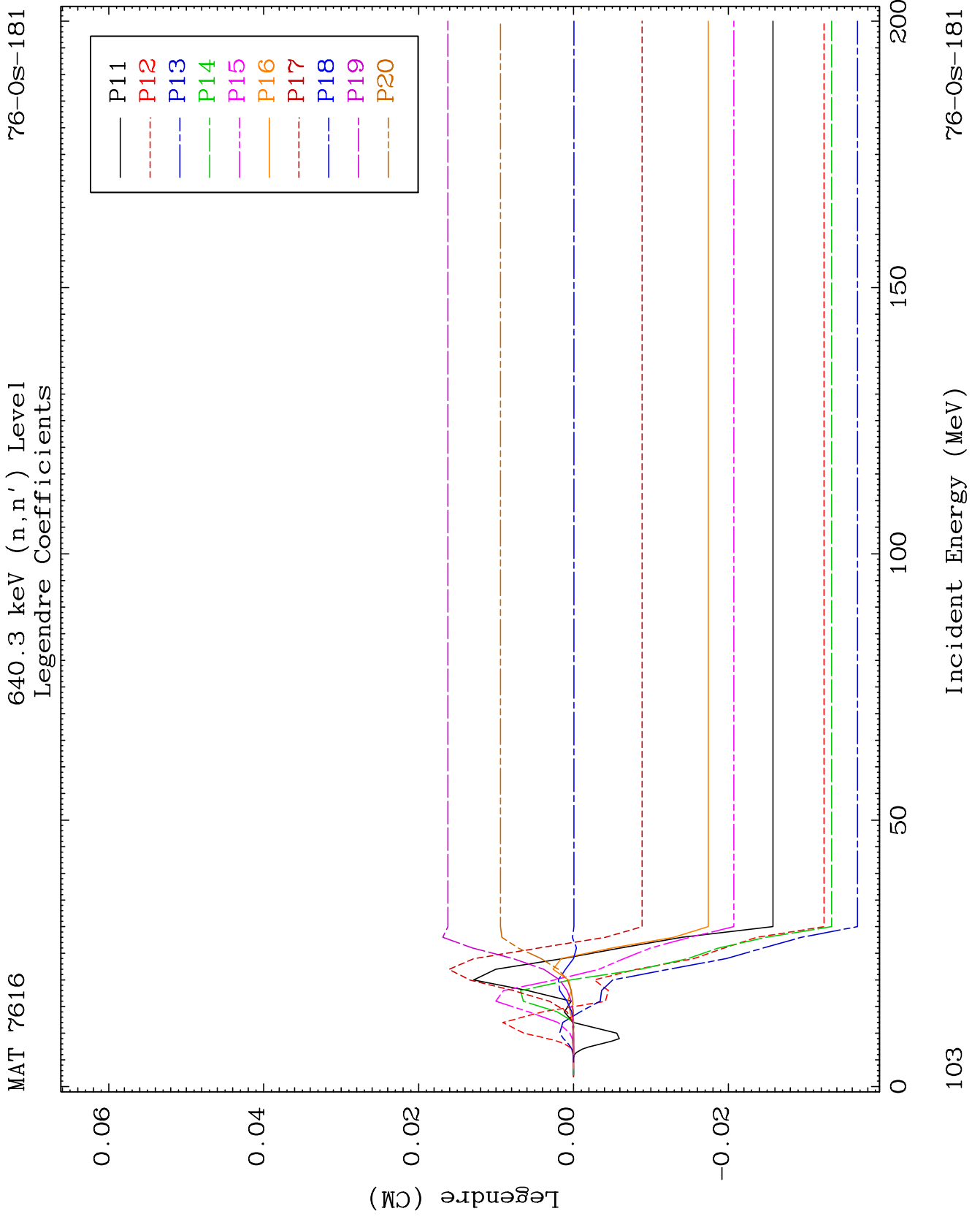
76-Os-181

Incident Energy (MeV)

100





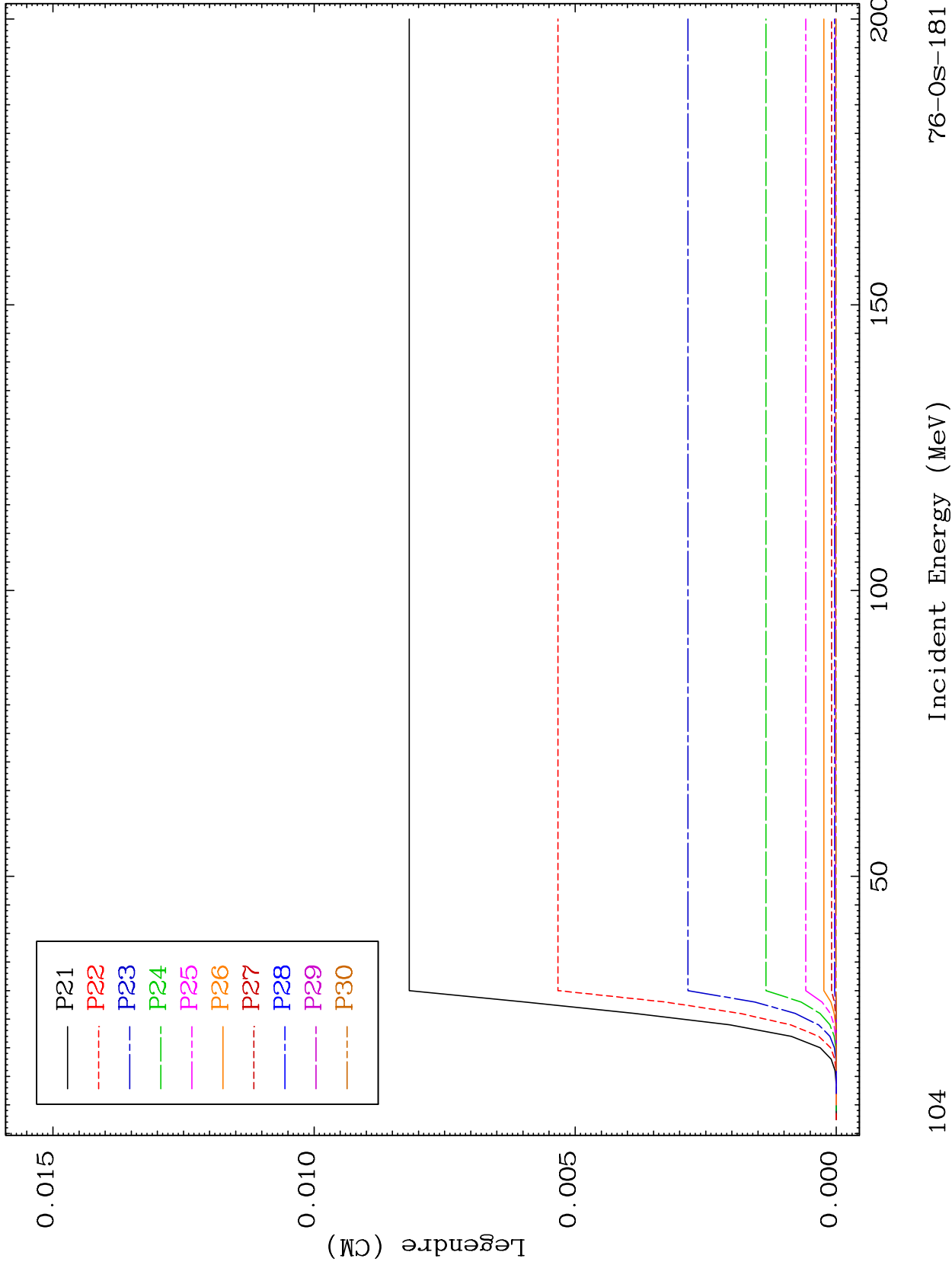




MAT 7616

640.3 keV (n,n') Level  
Legendre Coefficients

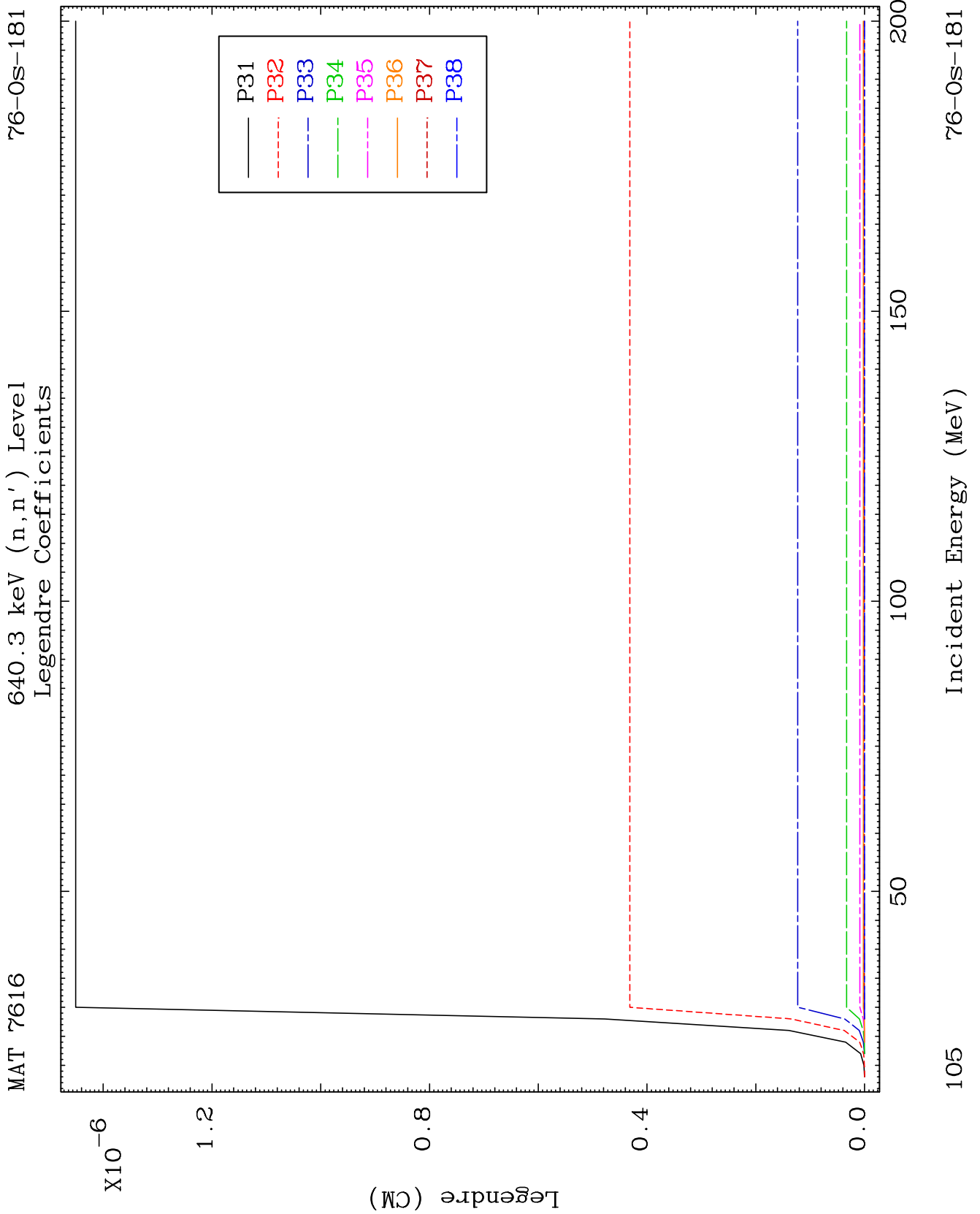
76-Os-181

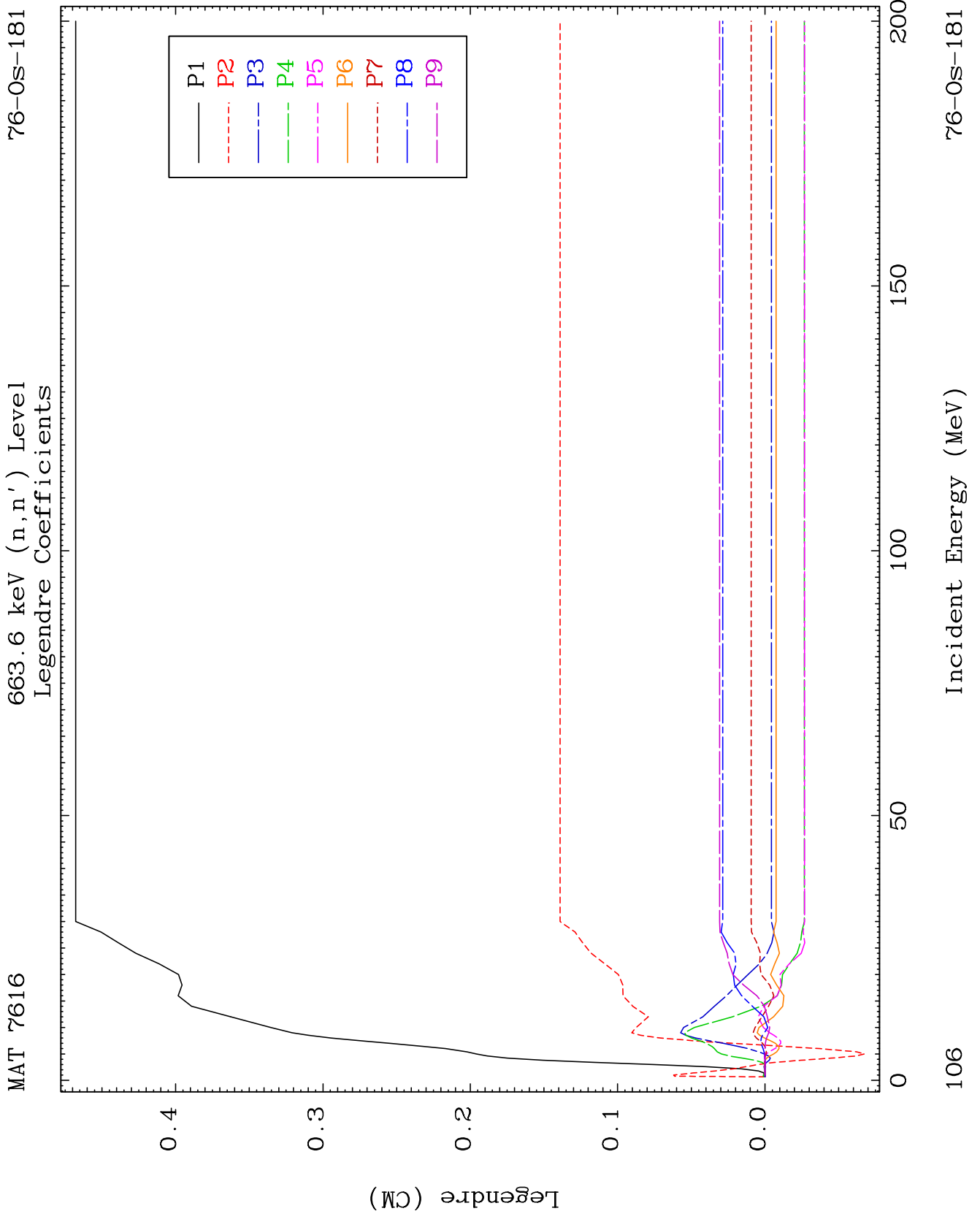


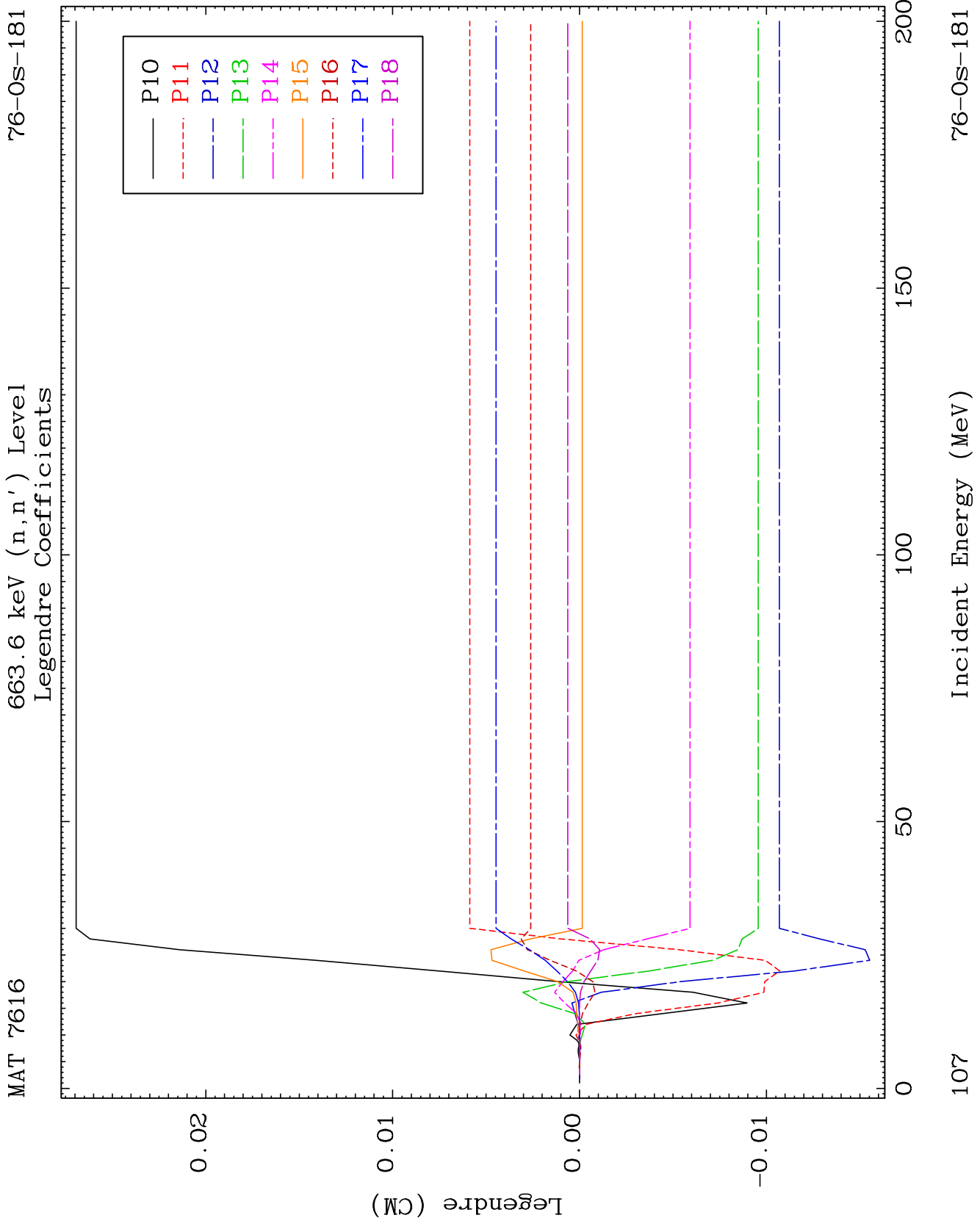
104

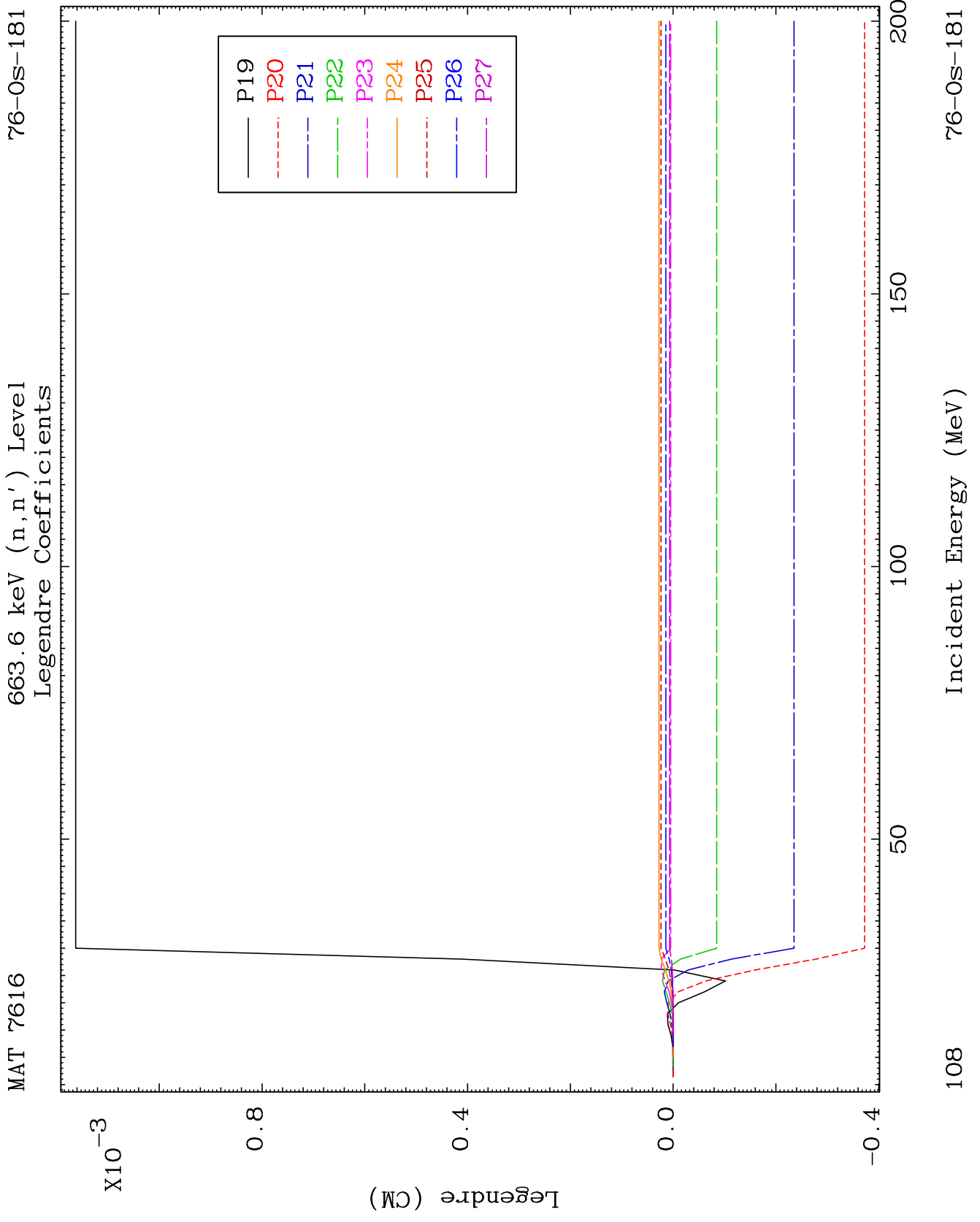
Incident Energy (MeV)

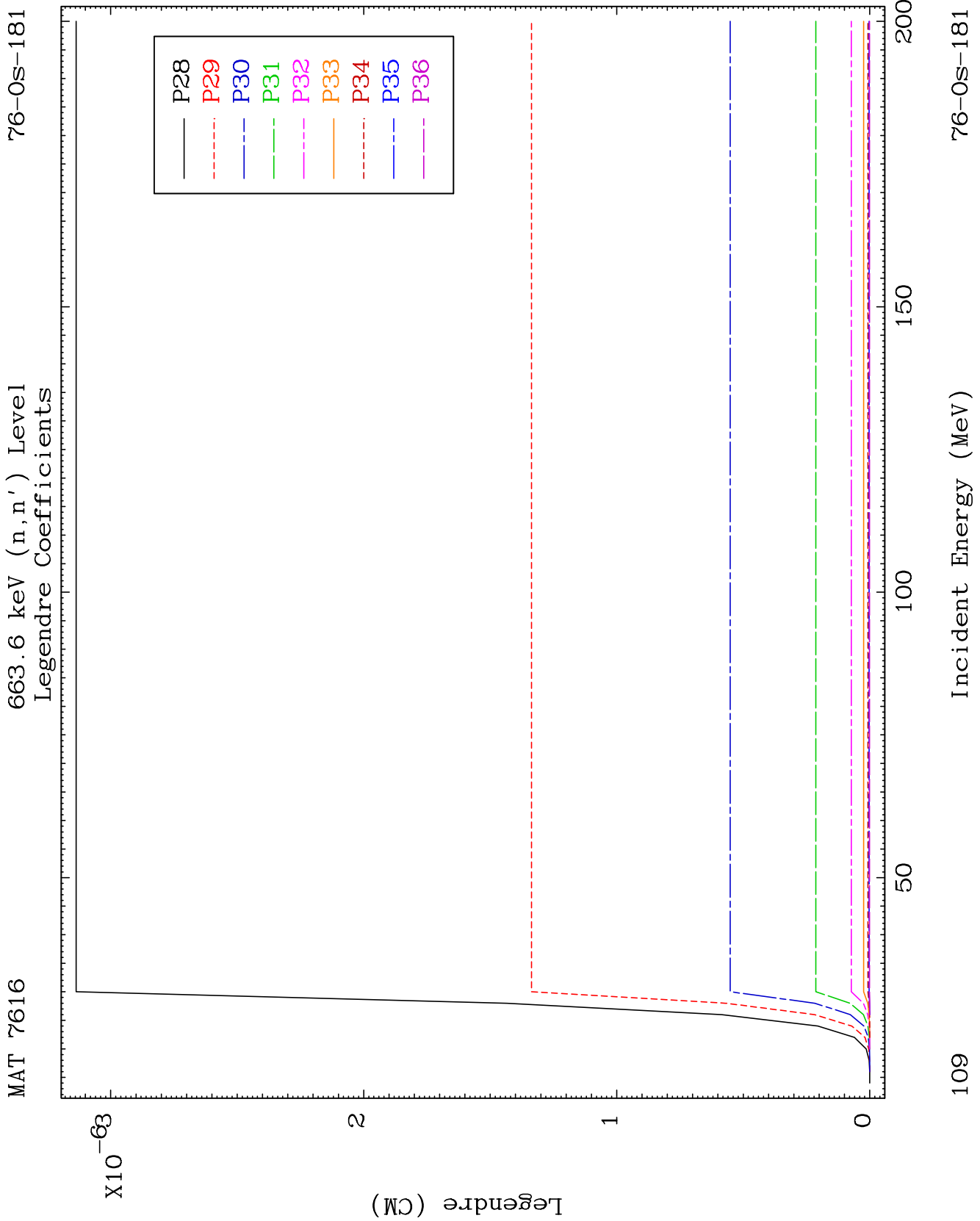
76-Os-181

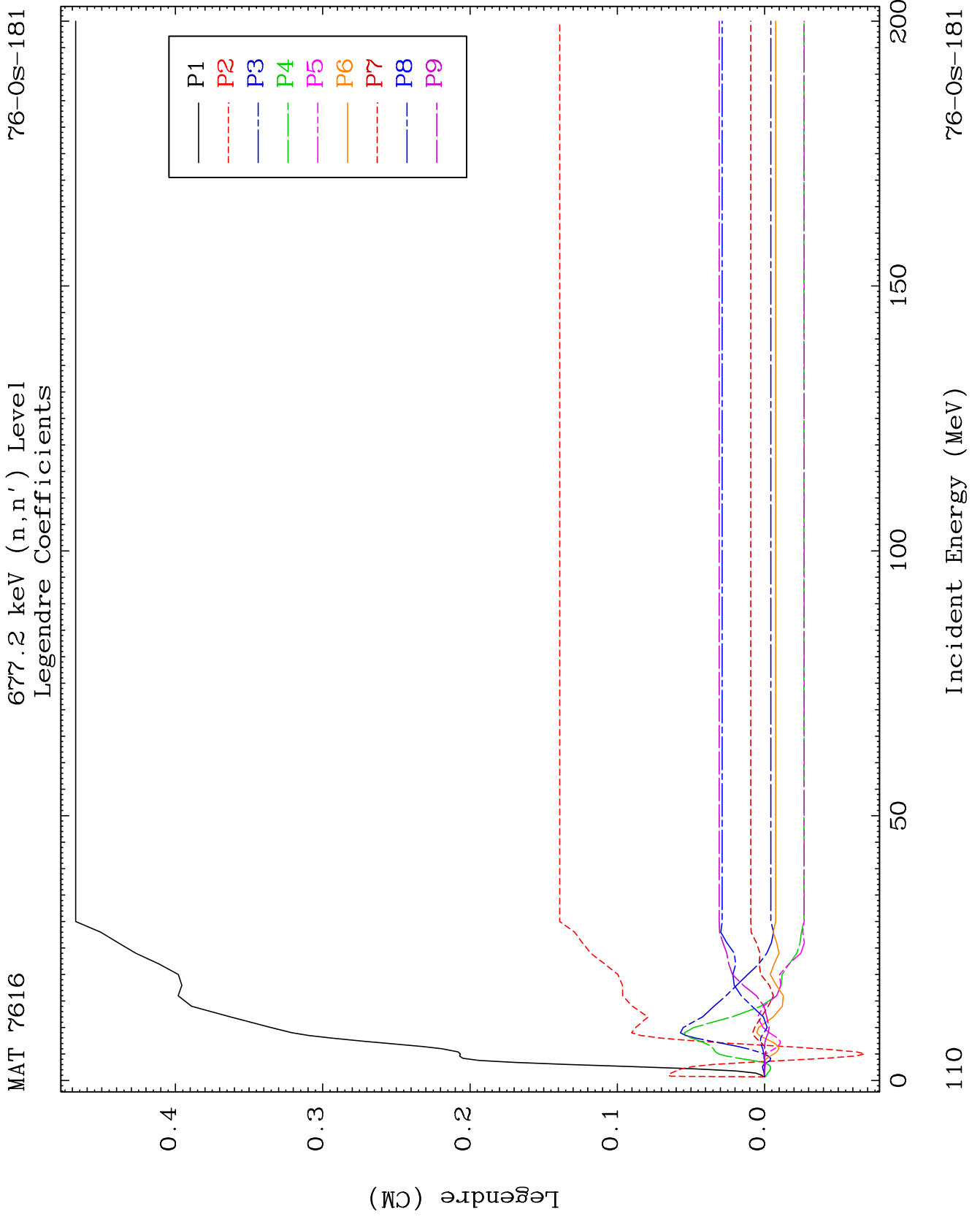






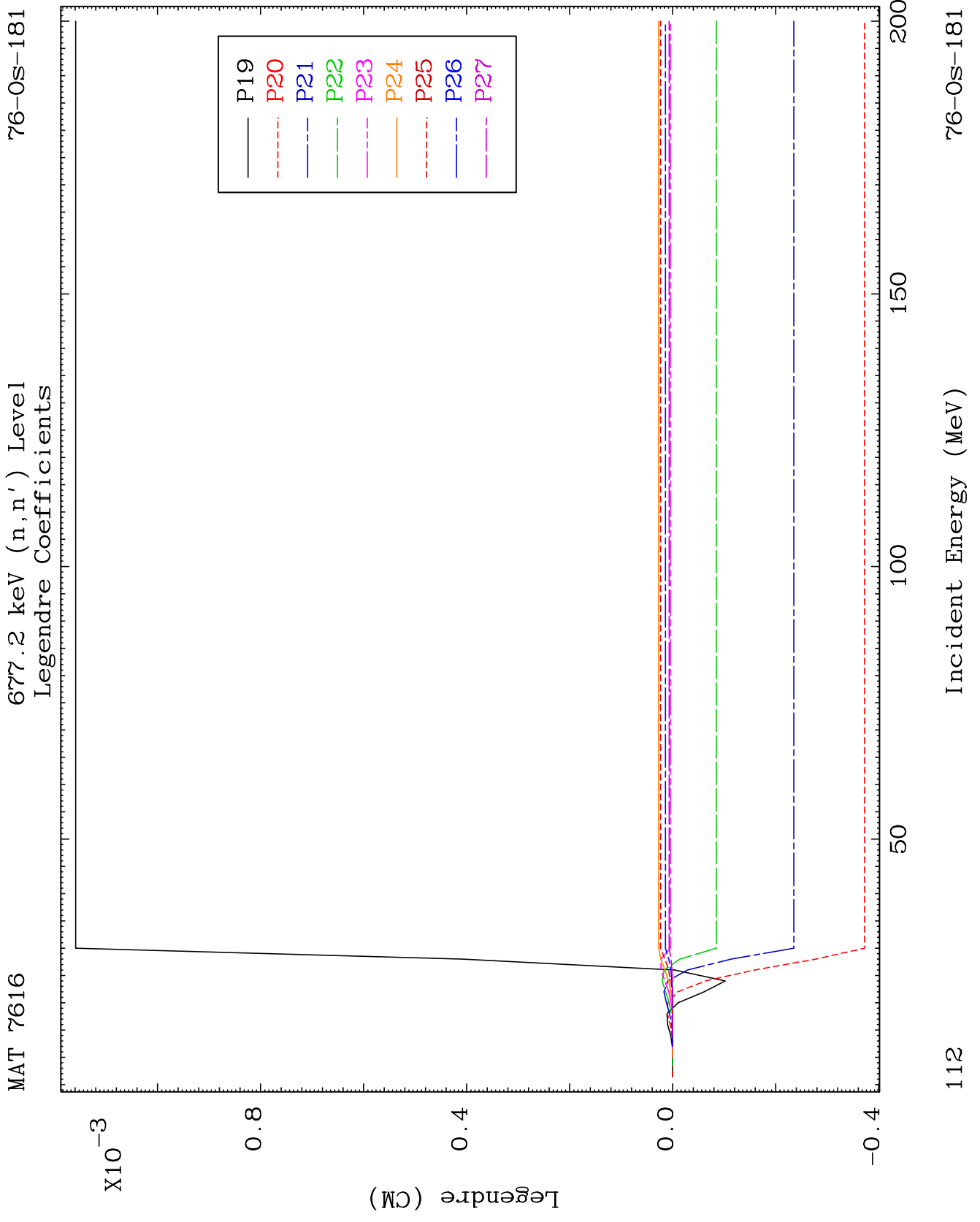


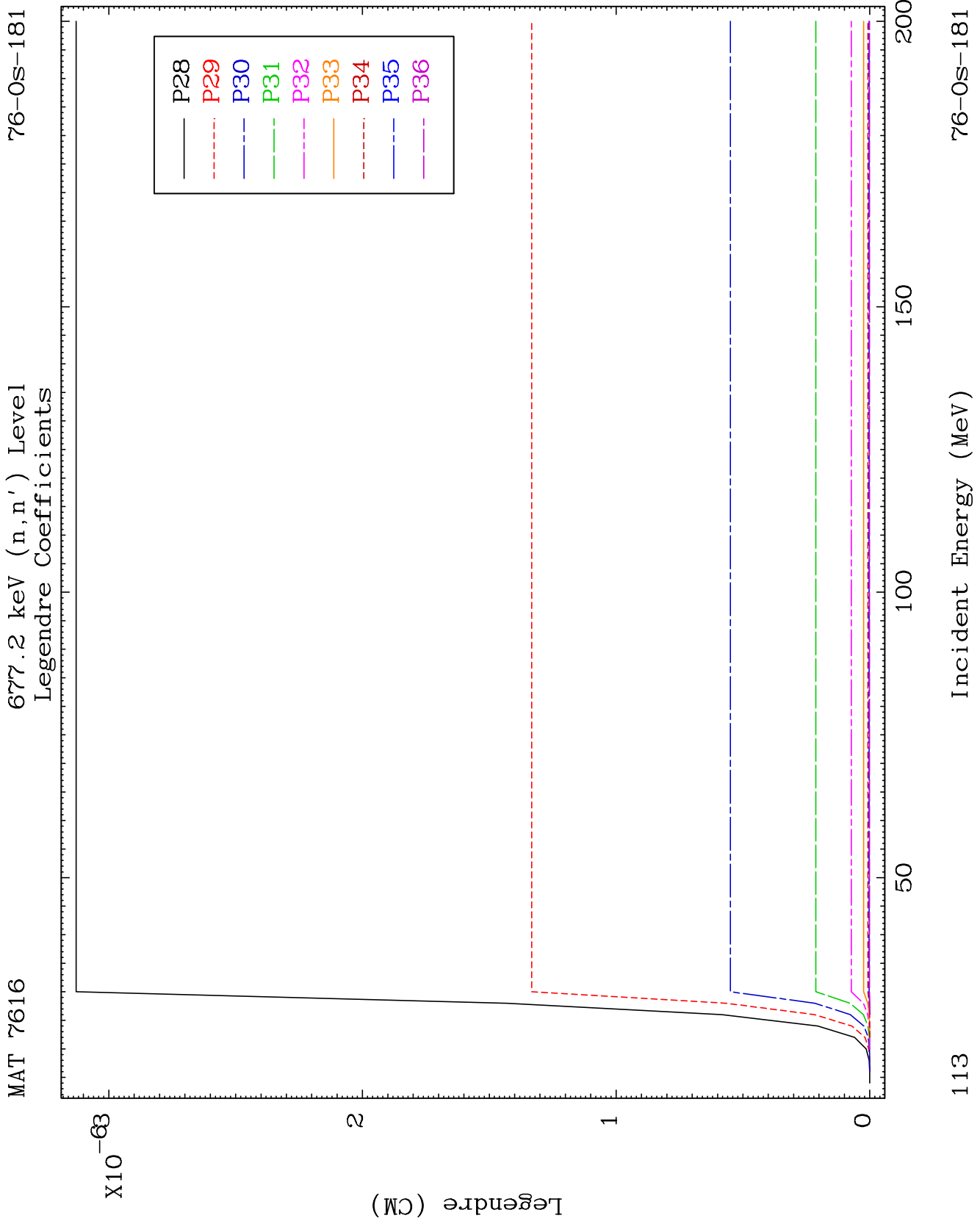


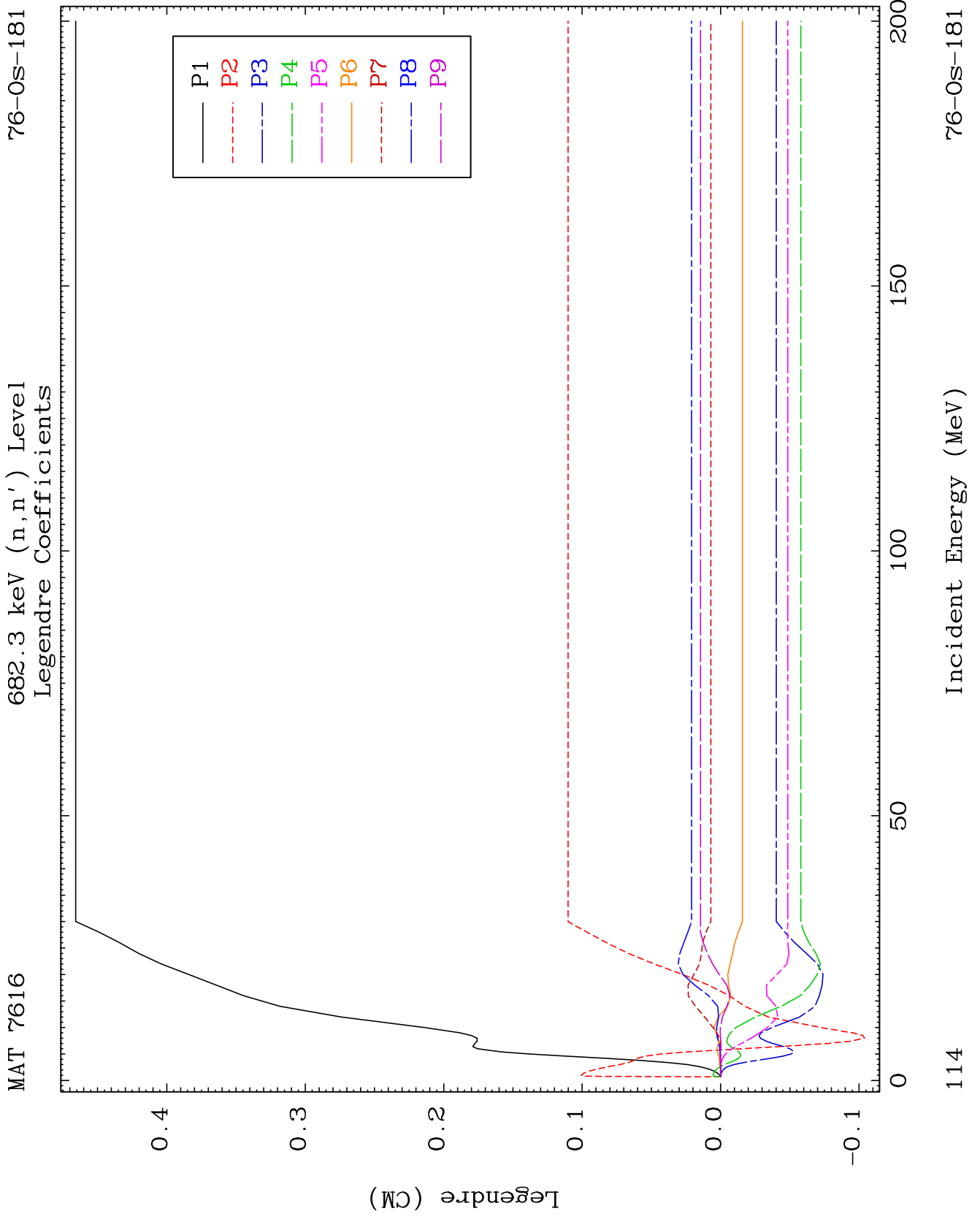




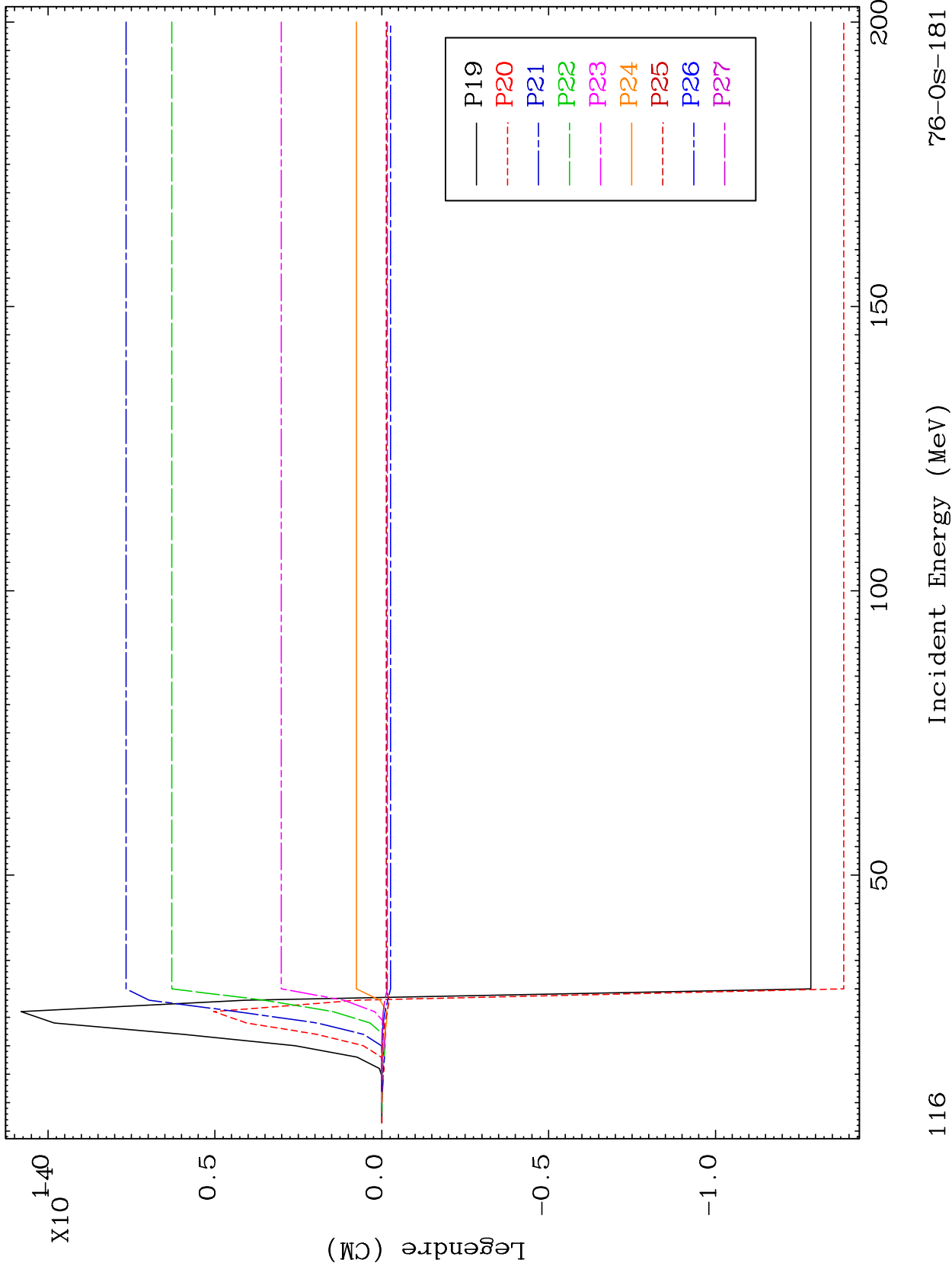


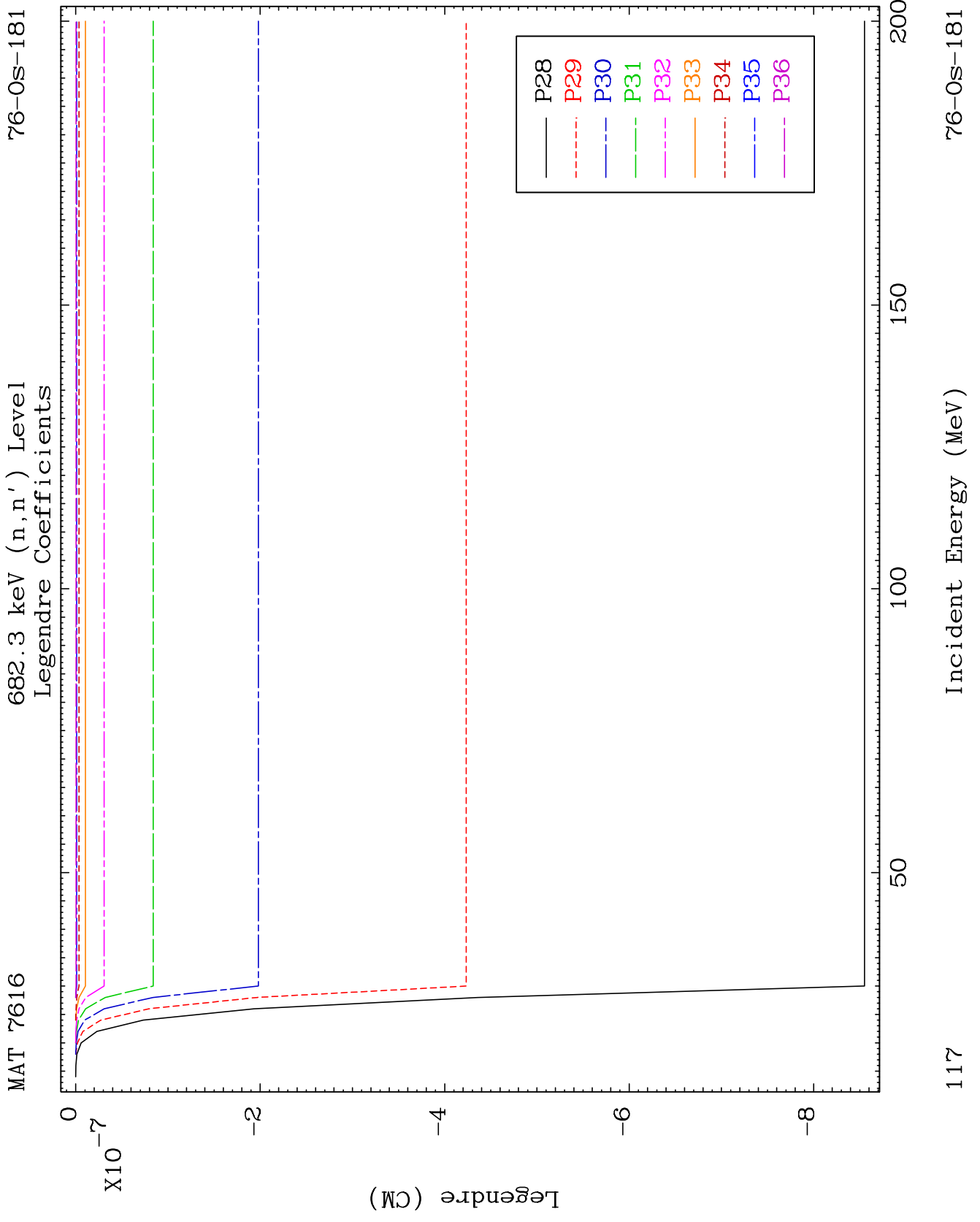


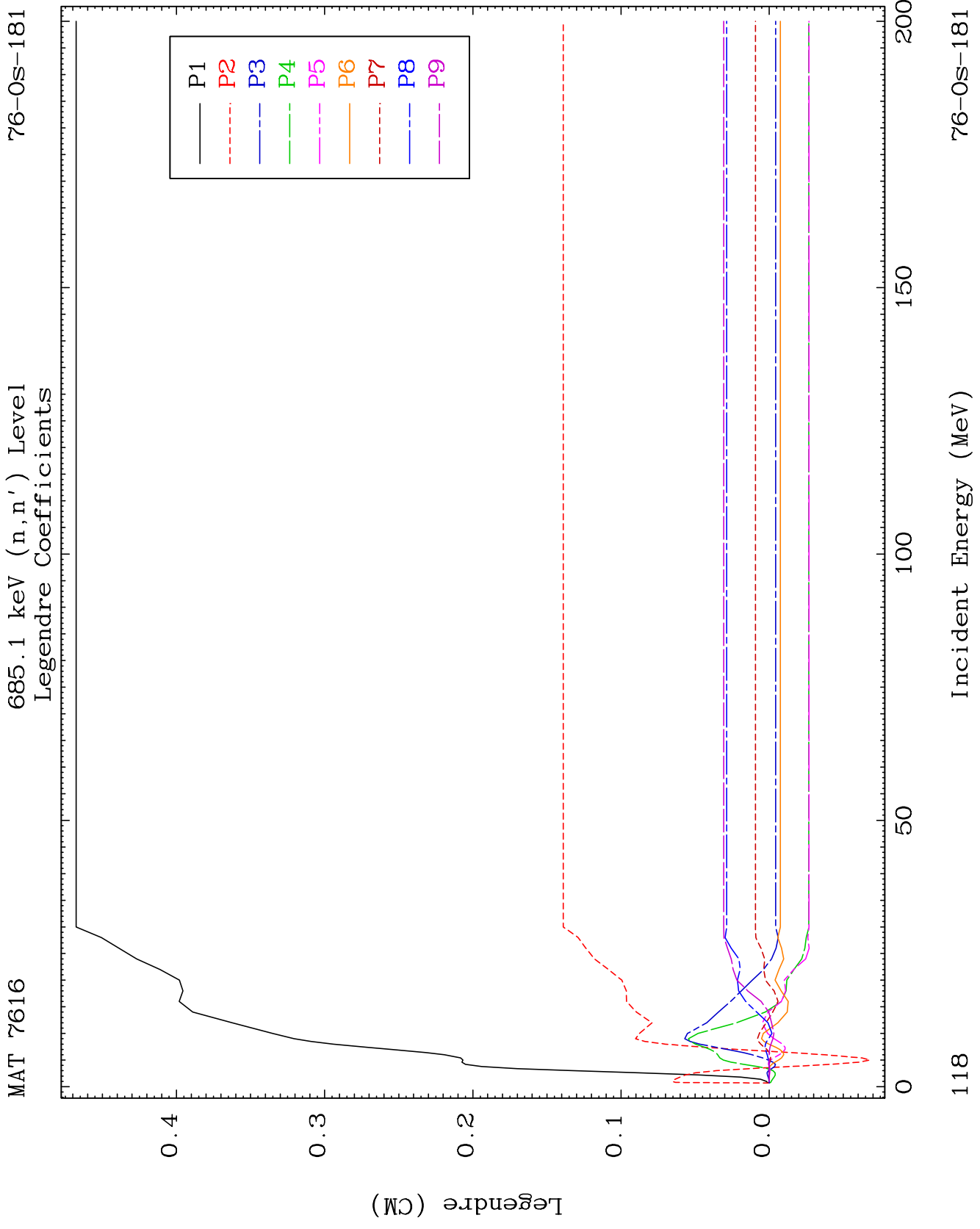


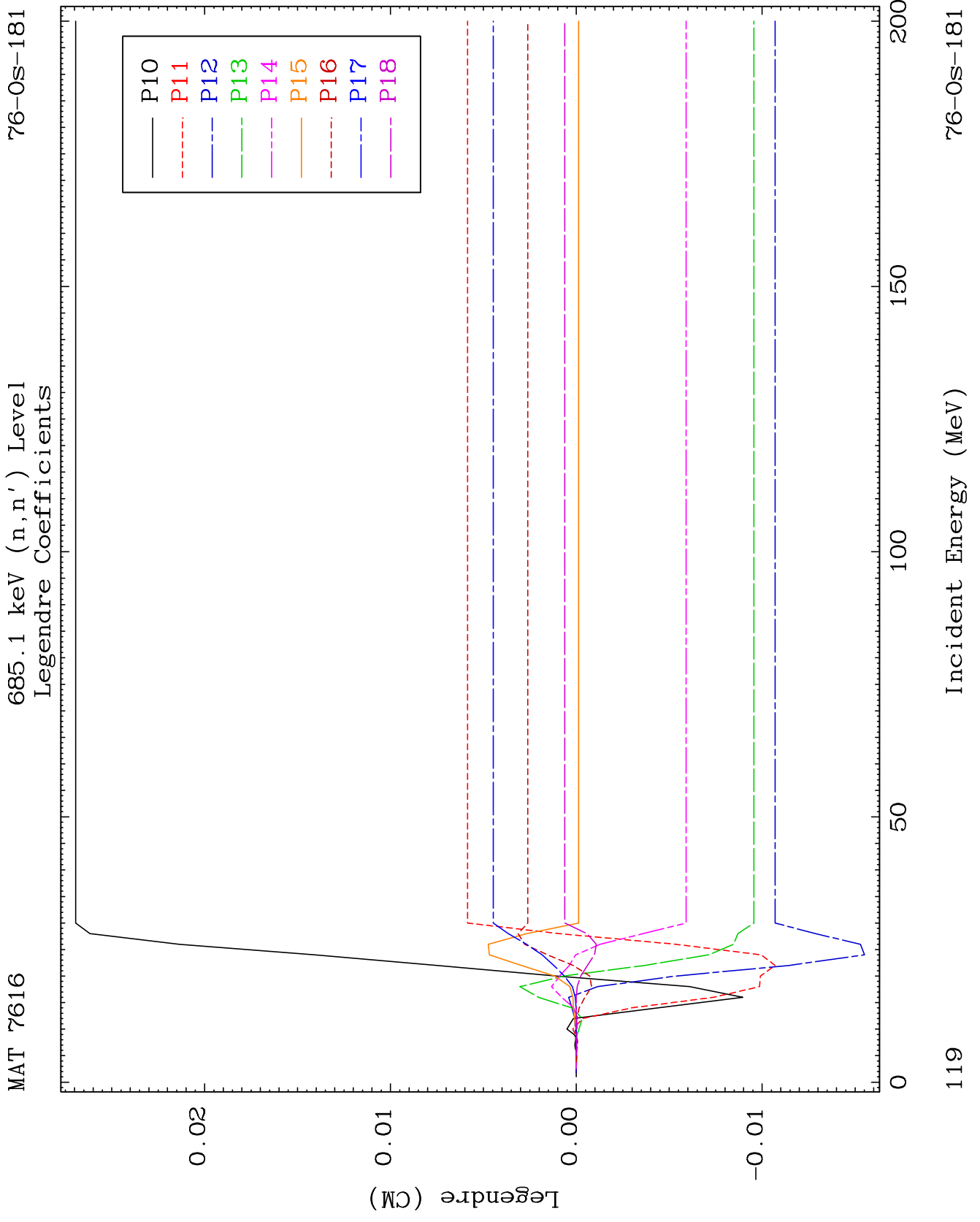




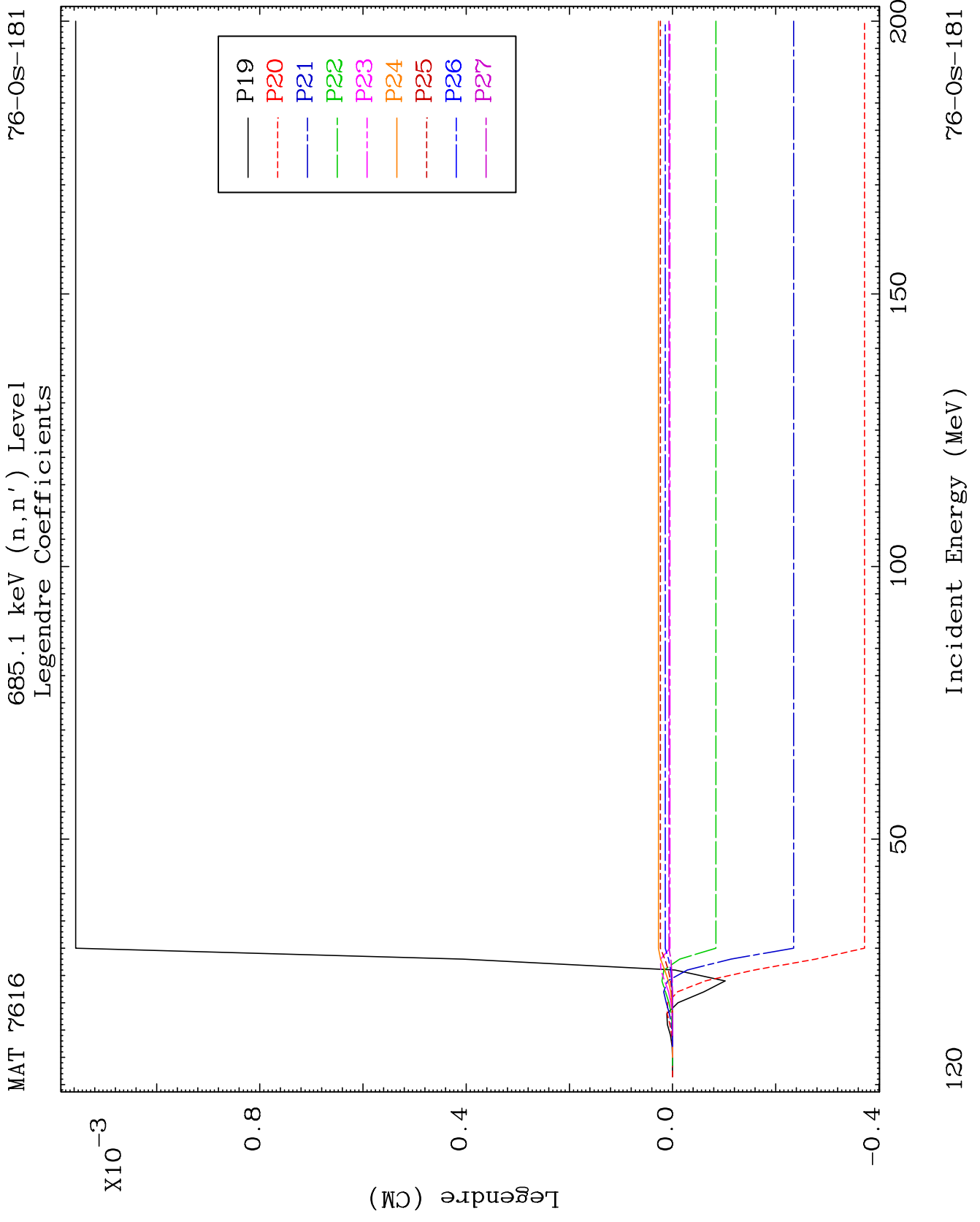


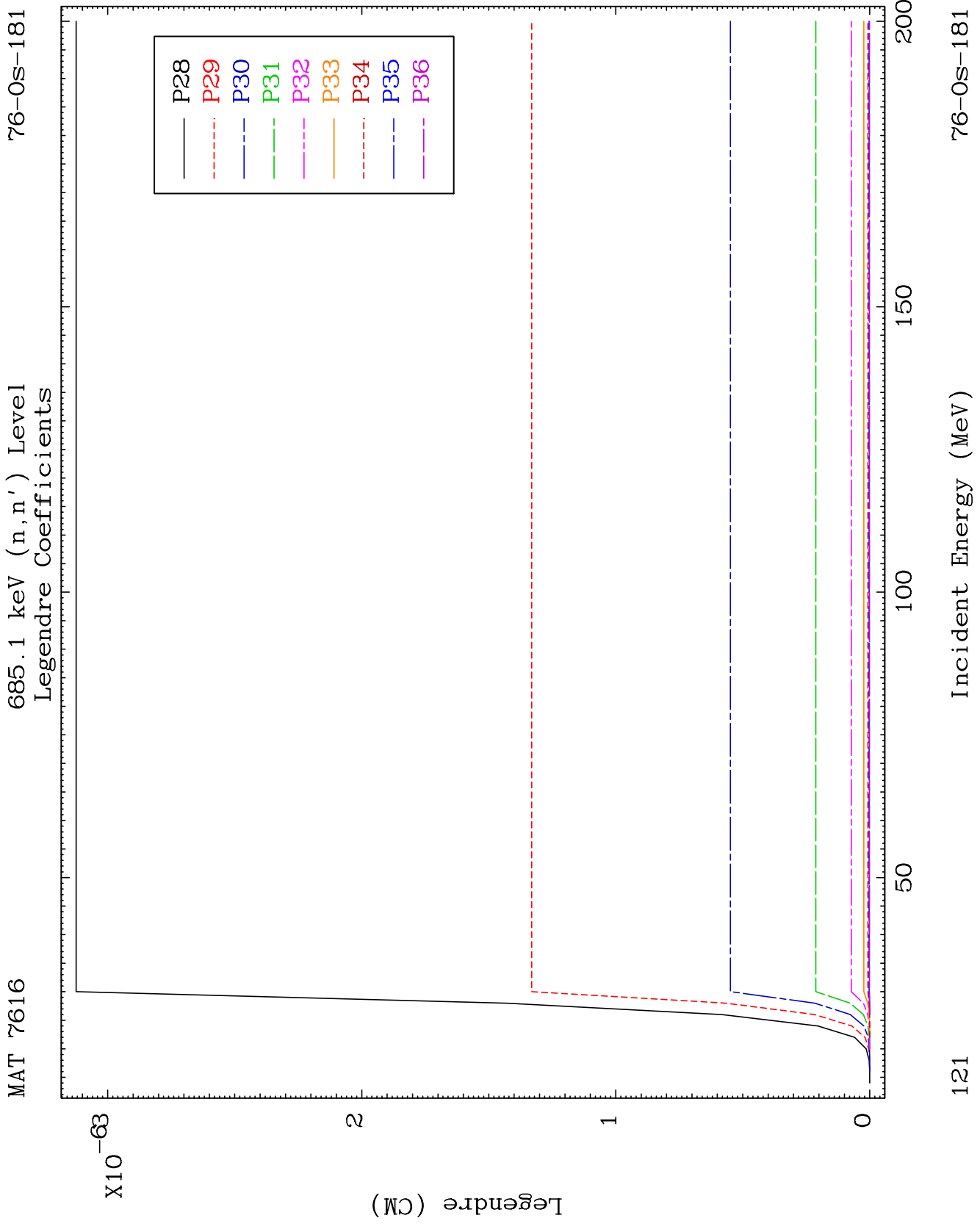








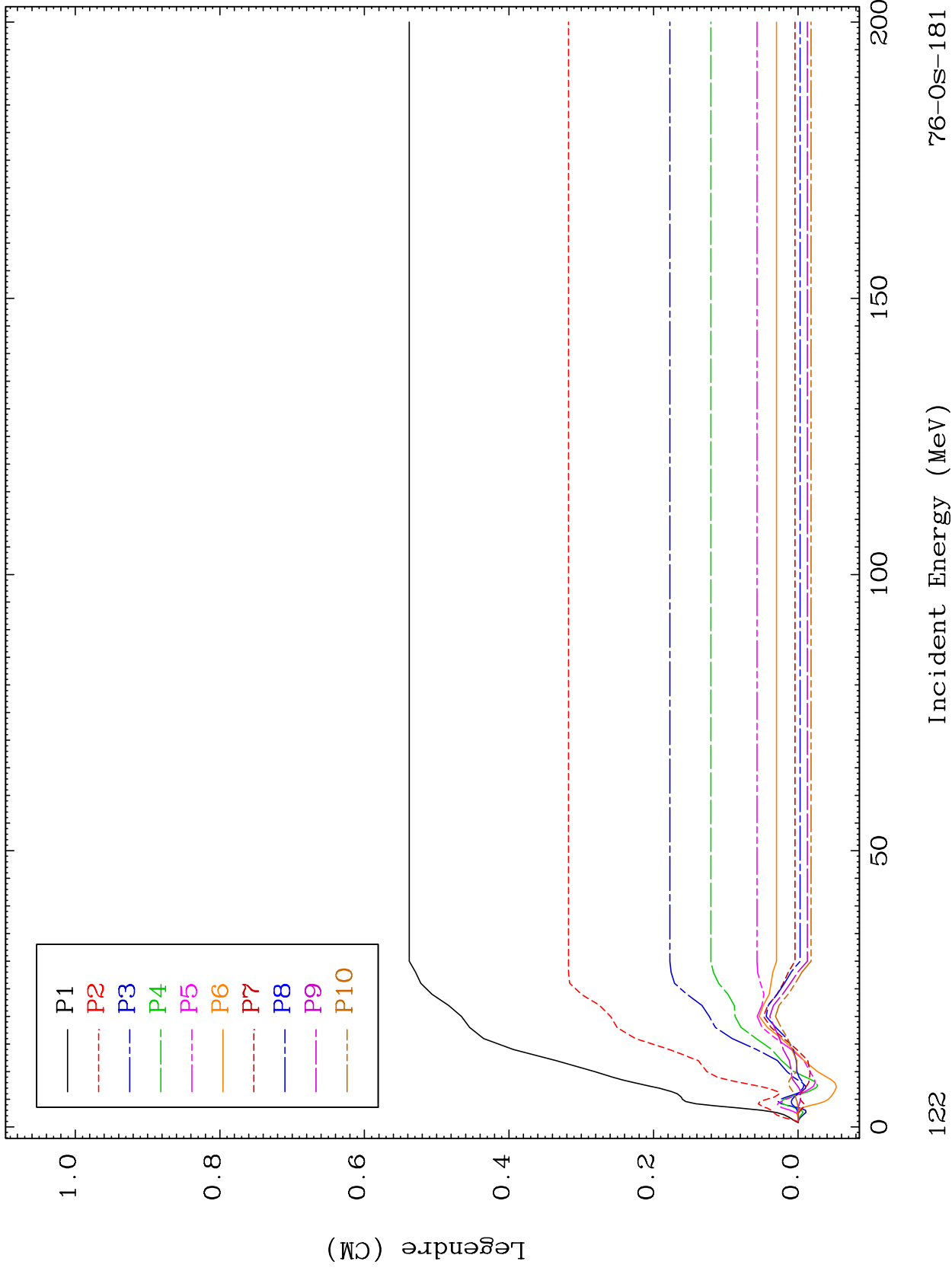




MAT 7616

749.3 keV (n,n') Level  
Legendre Coefficients

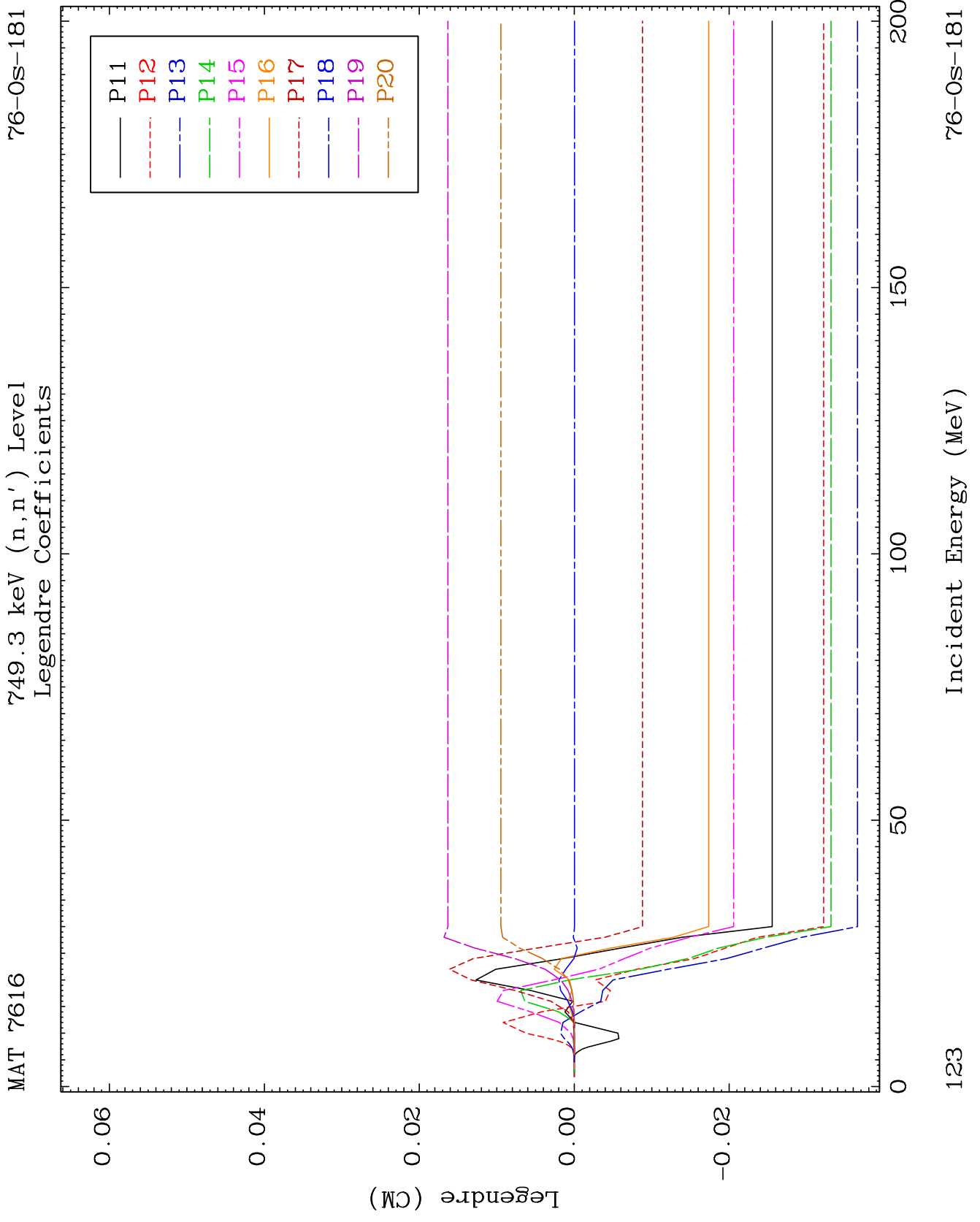
76-Os-181



76-Os-181

Incident Energy (MeV)

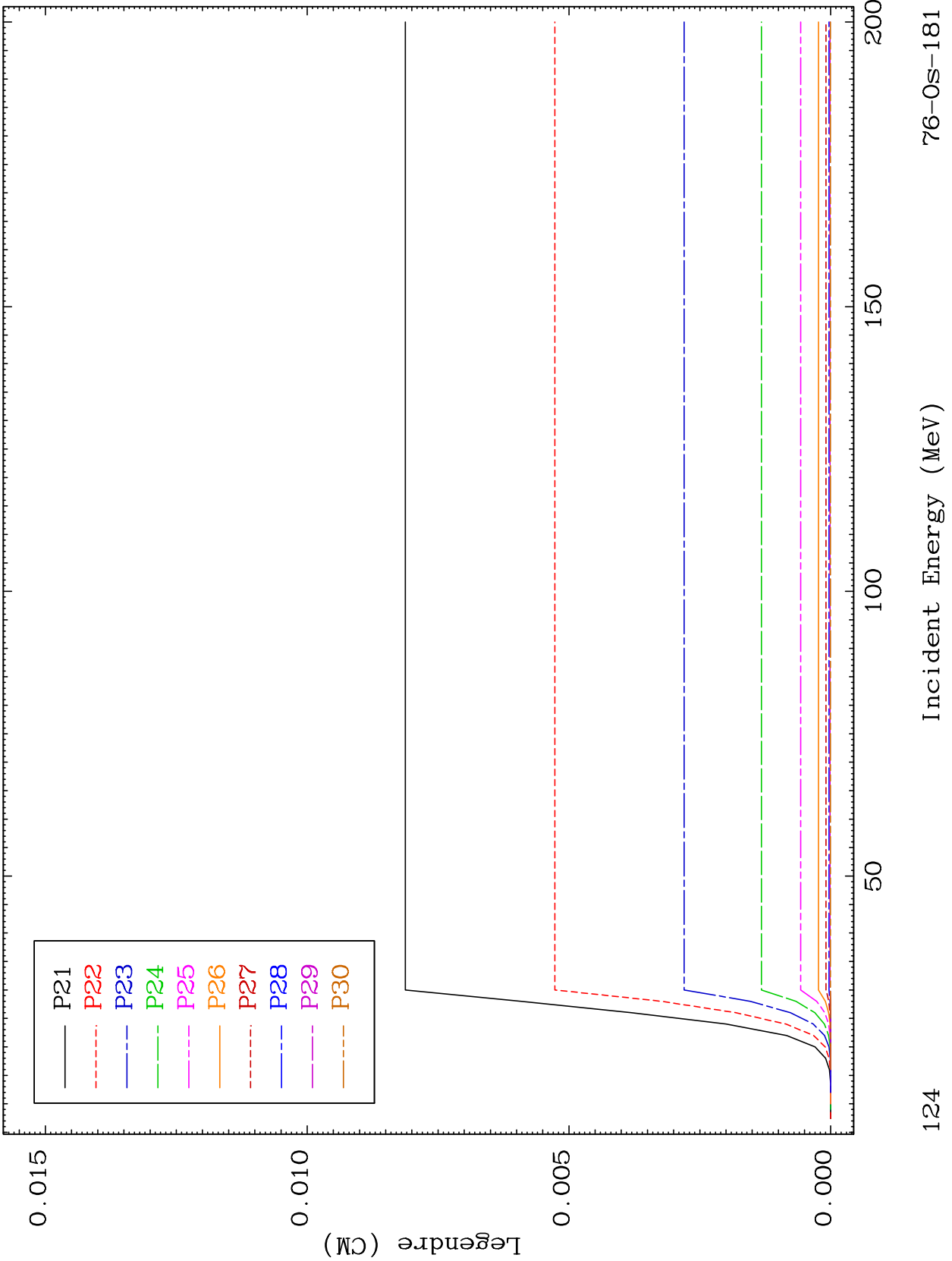
122



MAT 7616

749.3 keV (n,n') Level  
Legendre Coefficients

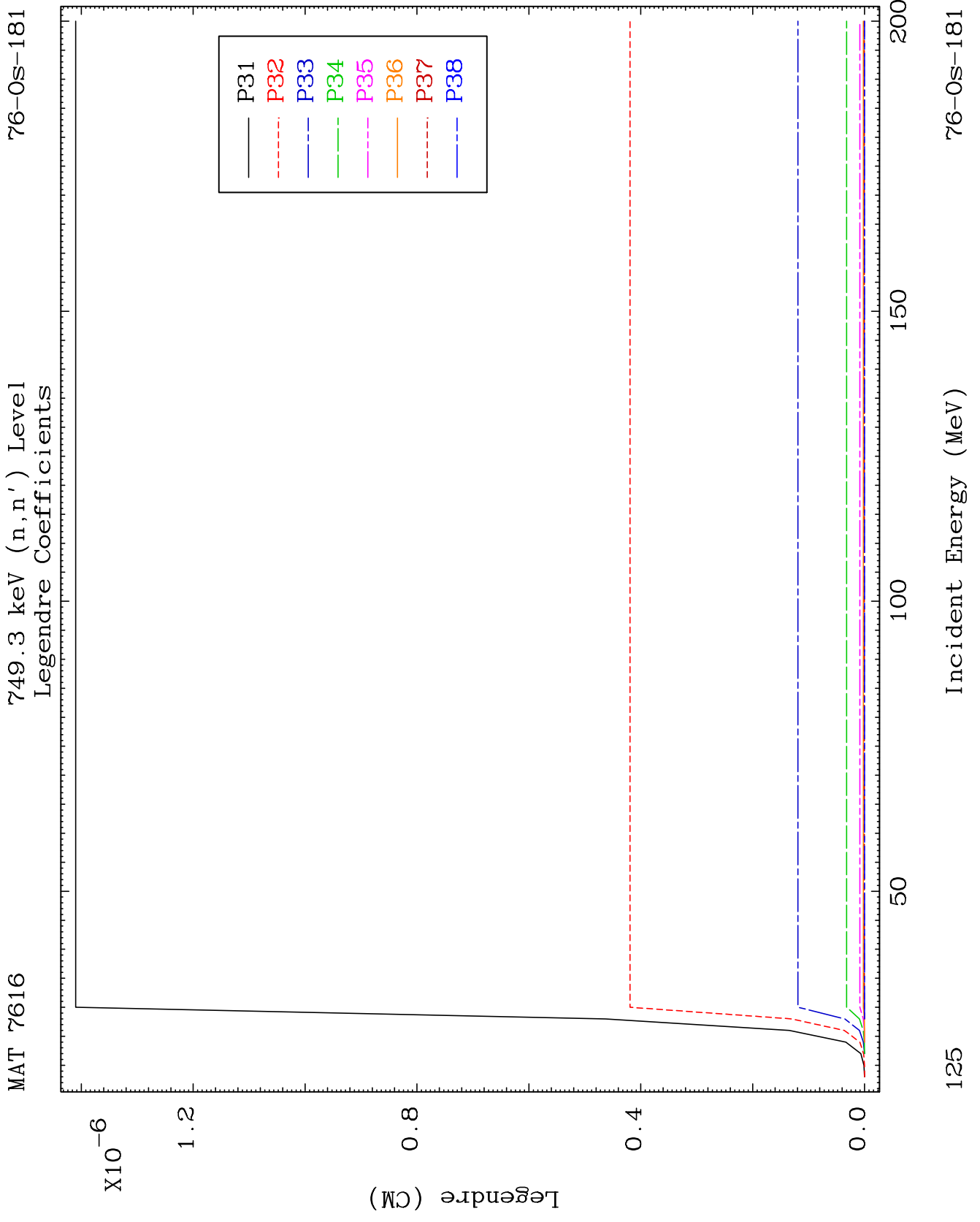
76-Os-181



124

Incident Energy (MeV)

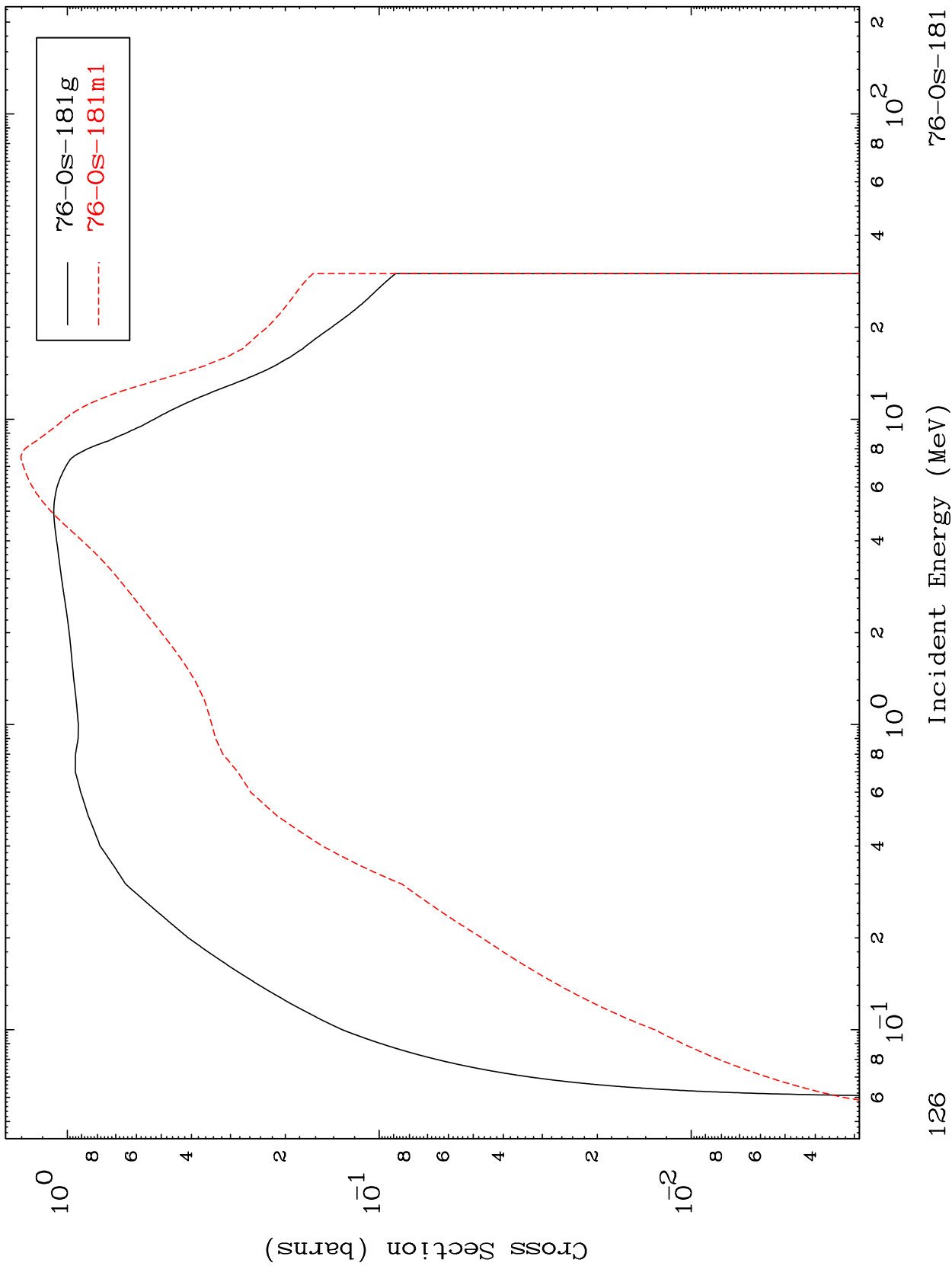
76-Os-181



MAT 7616

76-Os-181

Inelastic  
Radionuclide Production Cross Section



126

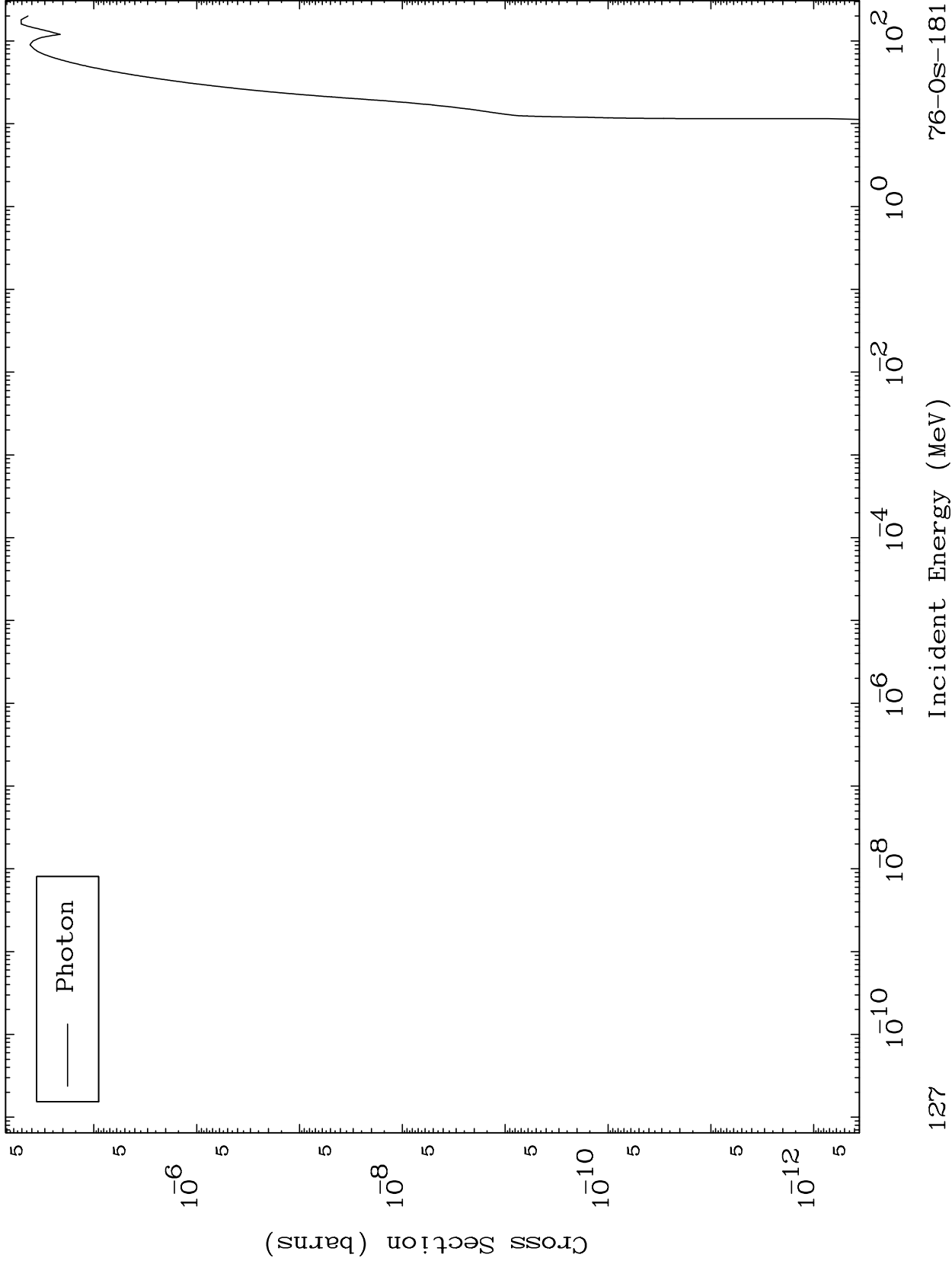
76-Os-181

MAT 7616

Fission

76-Os-181

Radionuclide Production Cross Section



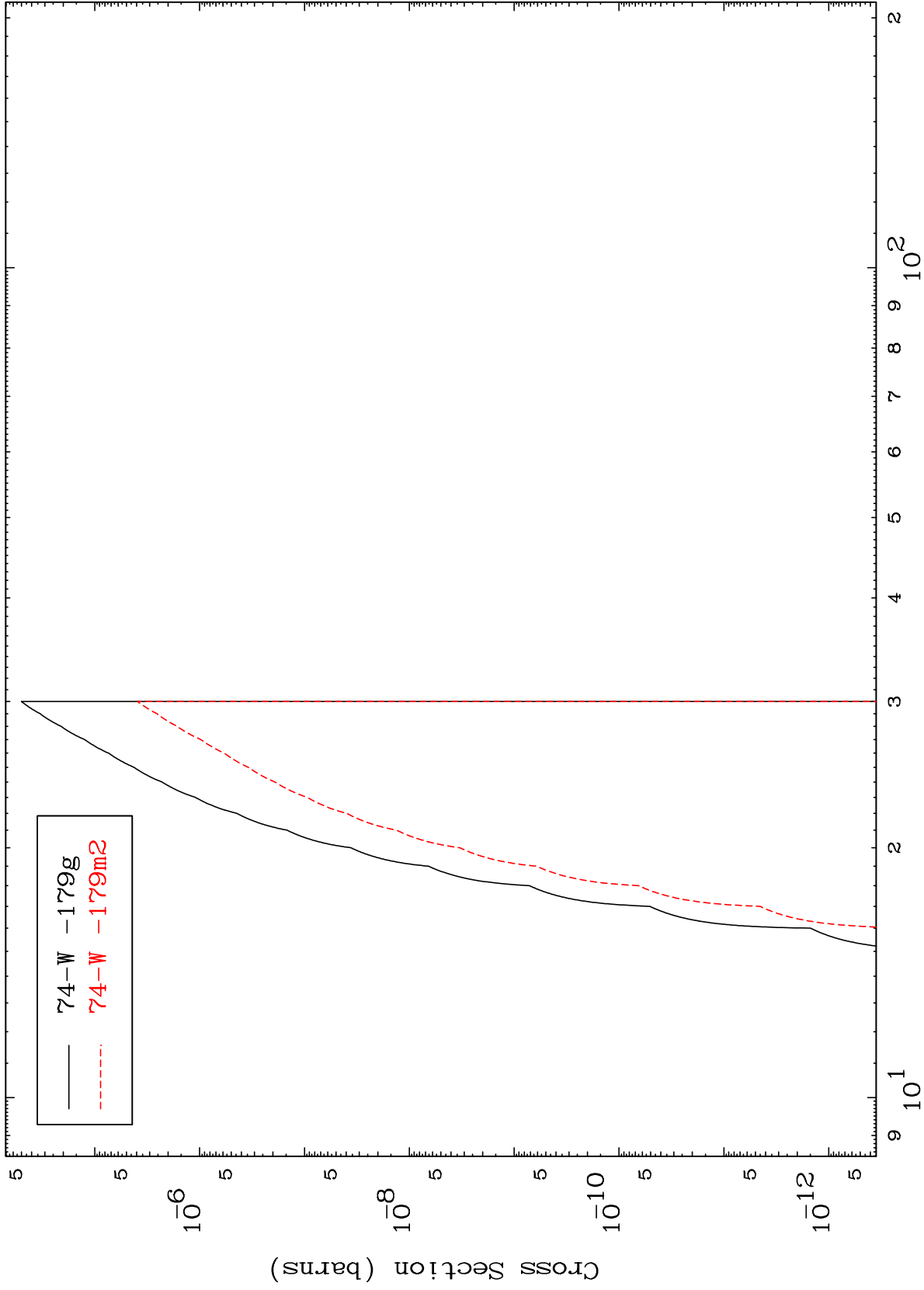


MAT 7616

(n,2n) p

76-Os-181

Radionuclide Production Cross Section



128

Incident Energy (MeV)

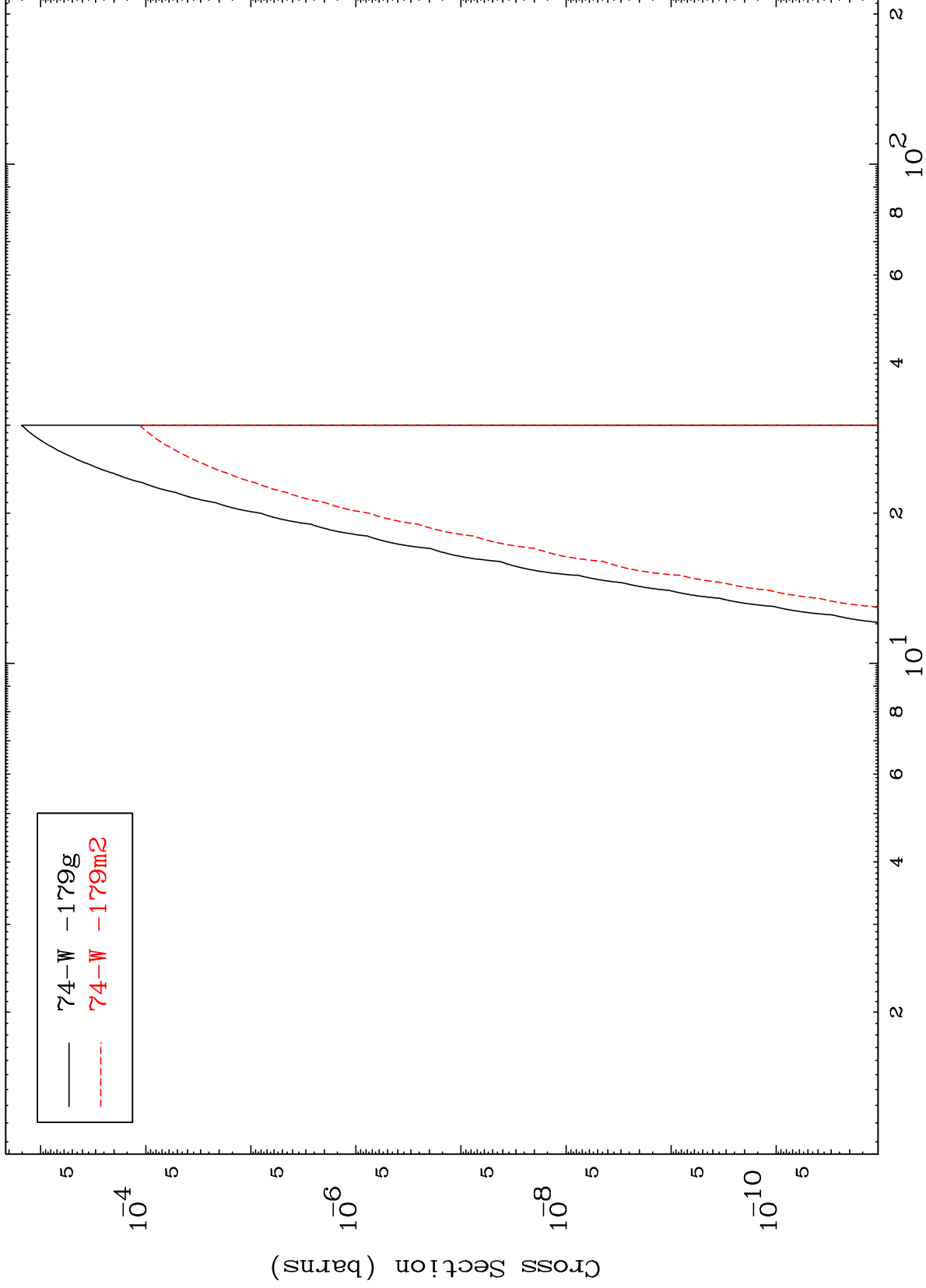
76-Os-181

MAT 7616

(n,He-3)

76-Os-181

Radionuclide Production Cross Section



129

Incident Energy (MeV)

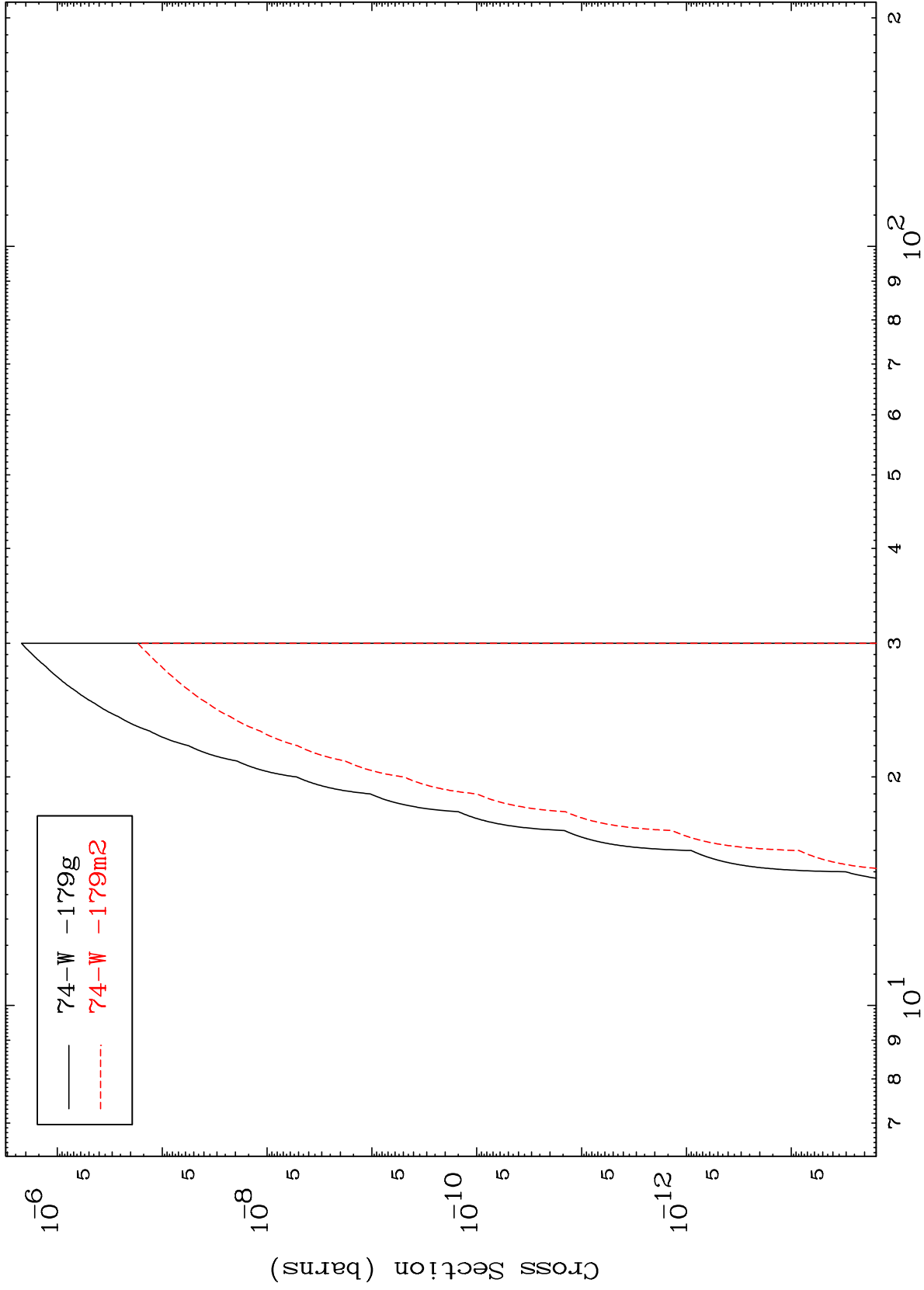
76-Os-181

MAT 7616

(n,p) d

76-Os-181

Radionuclide Production Cross Section



130

Incident Energy (MeV)

76-Os-181