

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

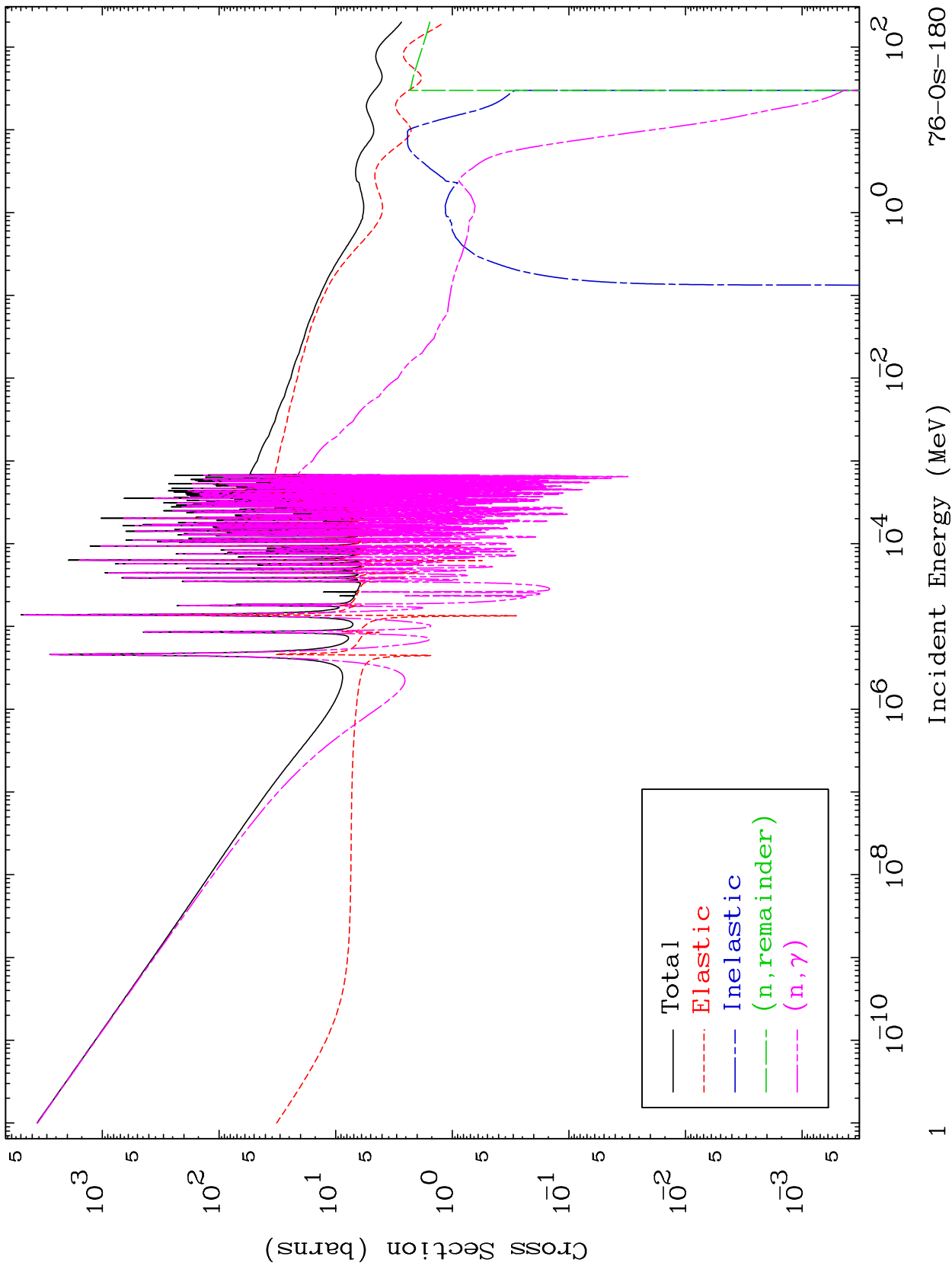
Press Mouse Button to Start

MAT 7613

Major

293 Kelvin Cross Sections

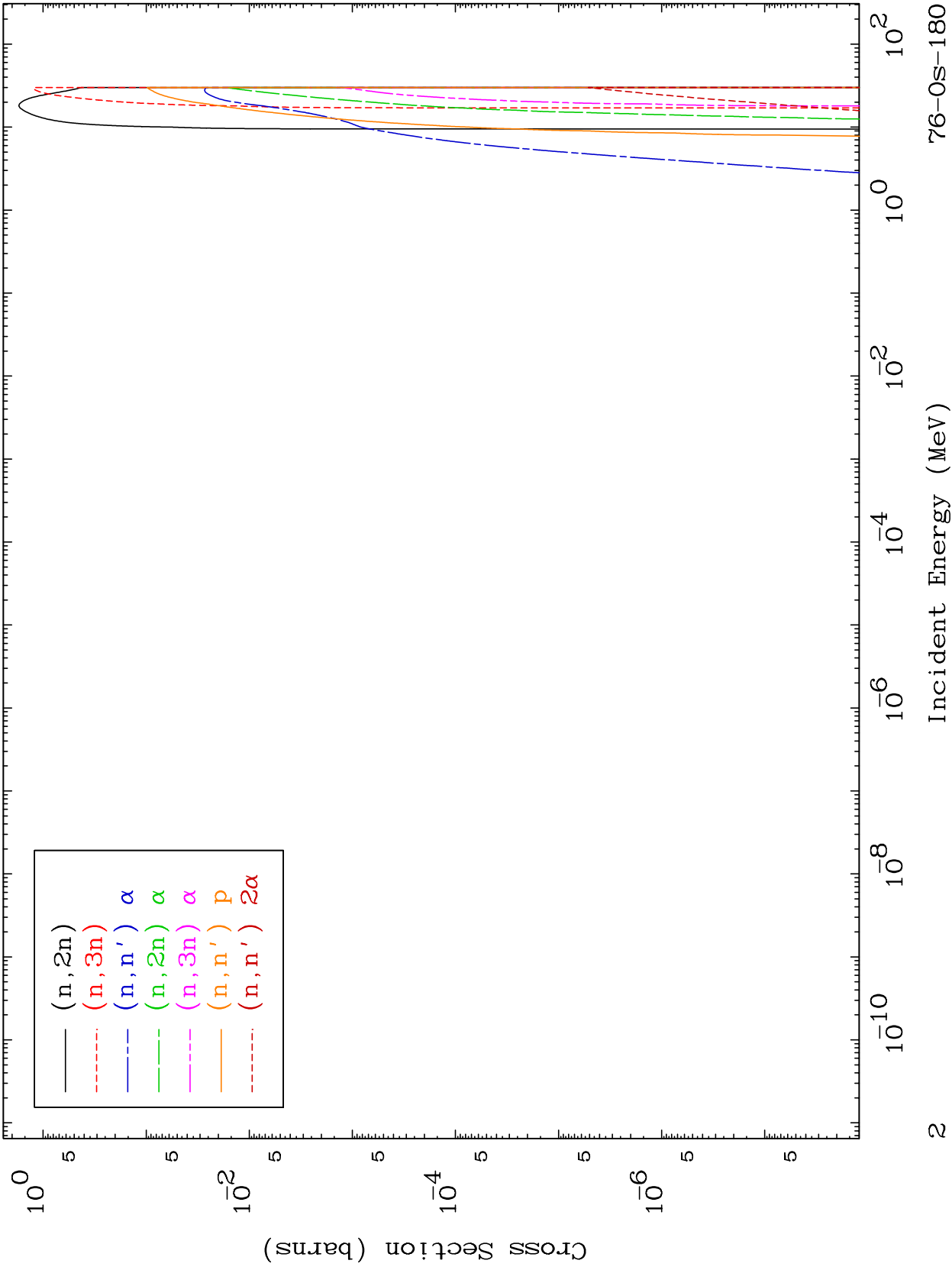
76-Os-180



MAT 7613

Neutron Production
293 Kelvin Cross Sections

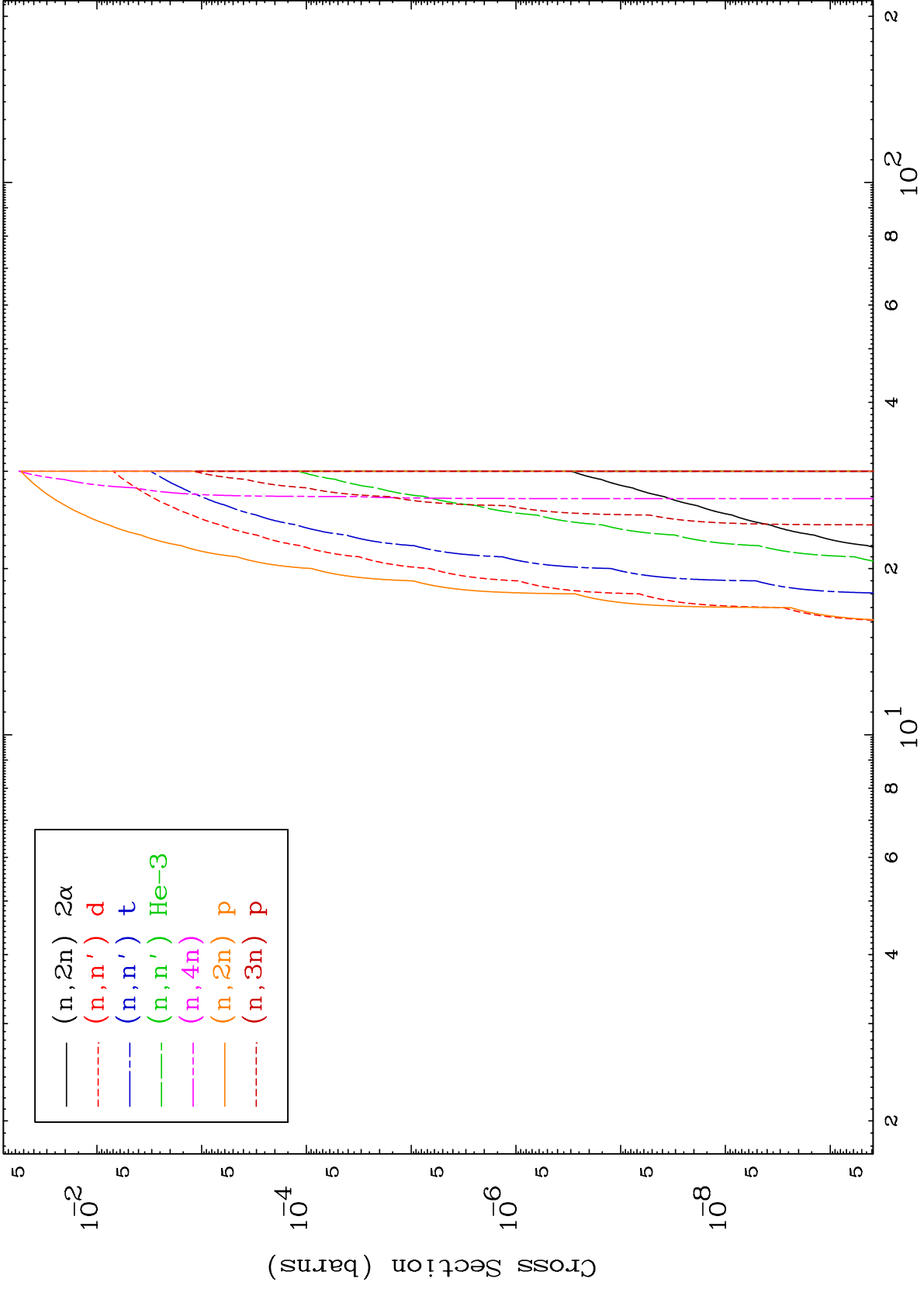
76-Os-180



MAT 7613

Neutron Production
293 Kelvin Cross Sections

76-Os-180



3

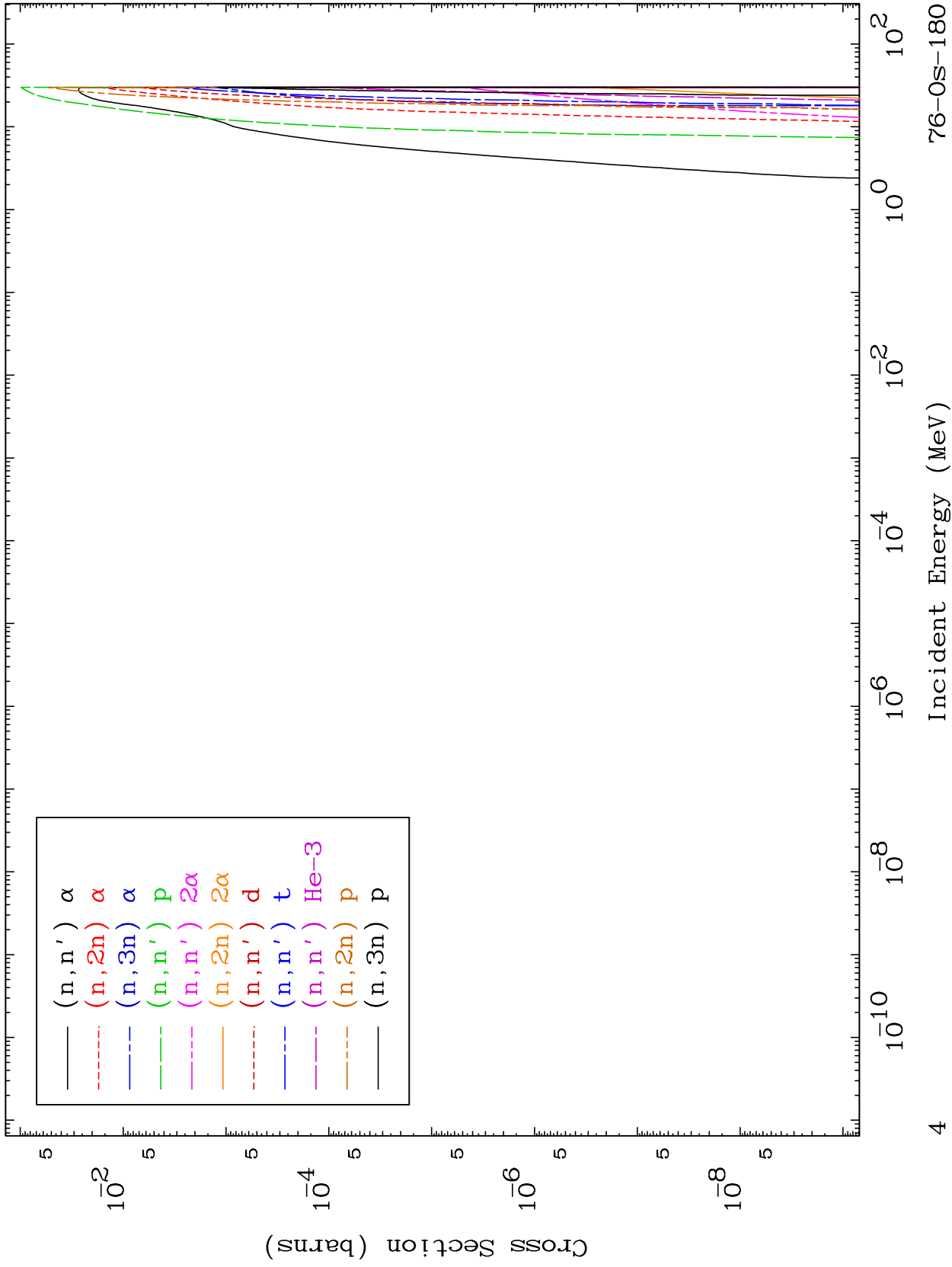
Incident Energy (MeV)

76-Os-180

MAT 7613

Charged Particle
293 Kelvin Cross Sections

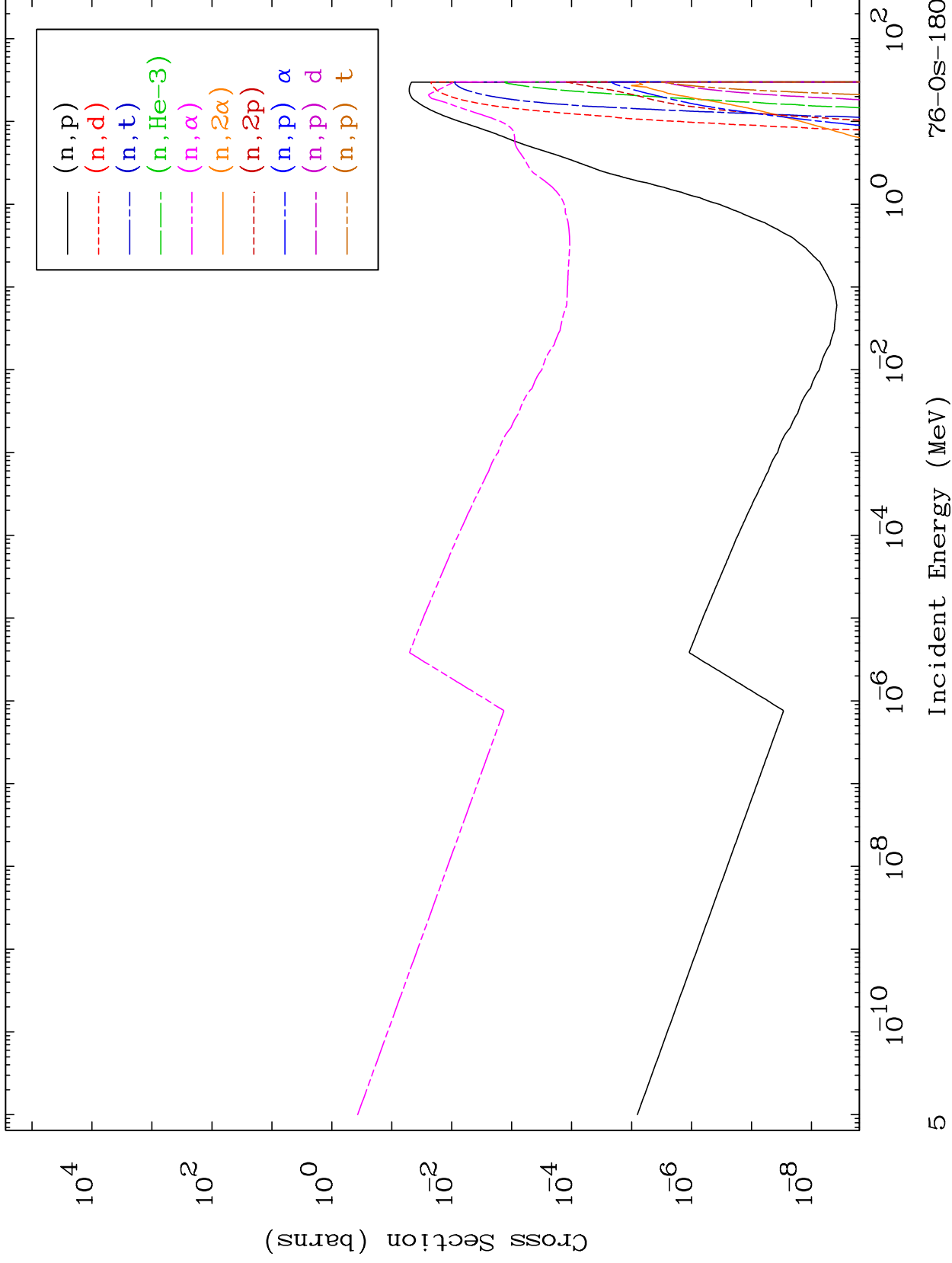
76-Os-180



MAT 7613

Charged Particle
293 Kelvin Cross Sections

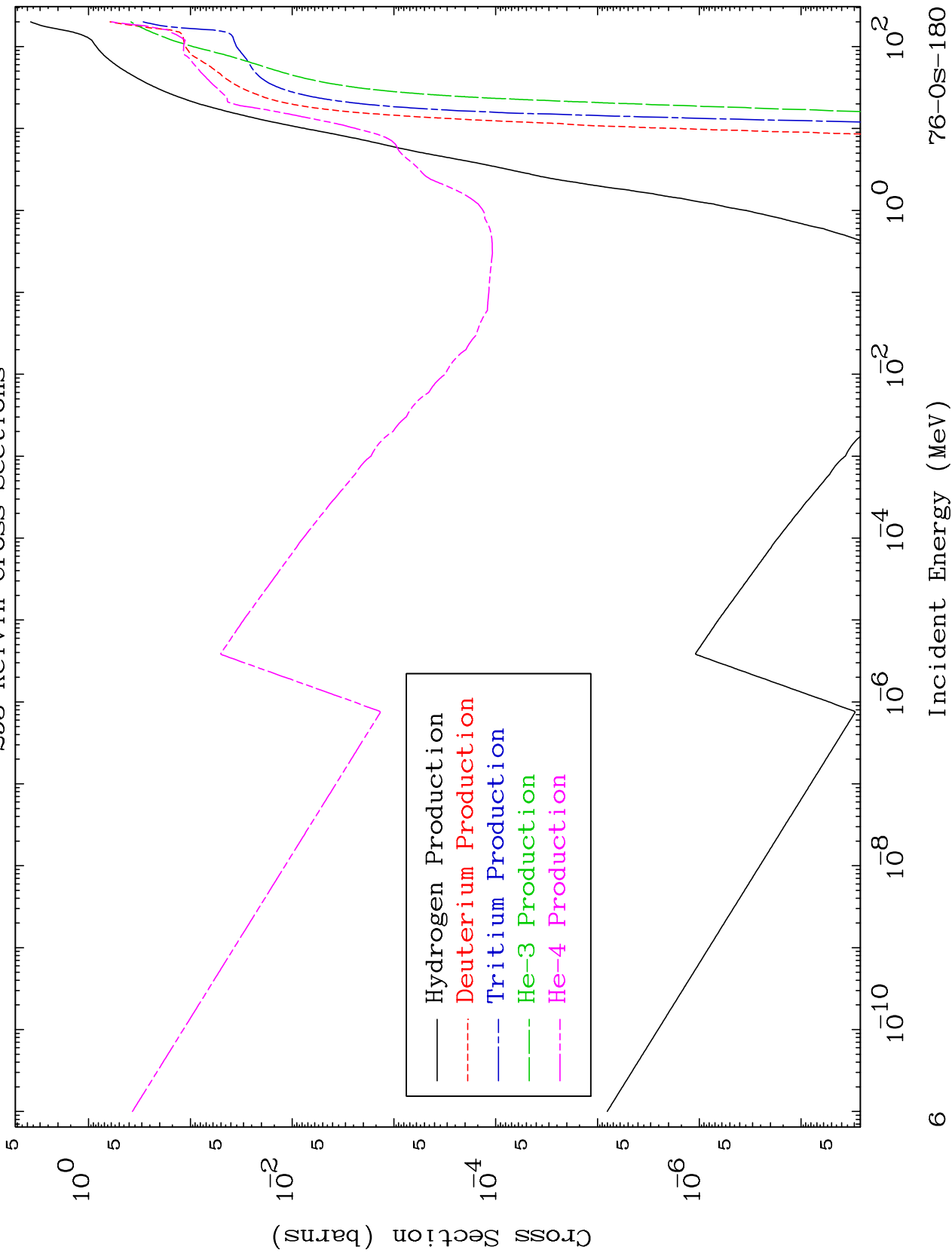
76-Os-180



MAT 7613

Particle Production
293 Kelvin Cross Sections

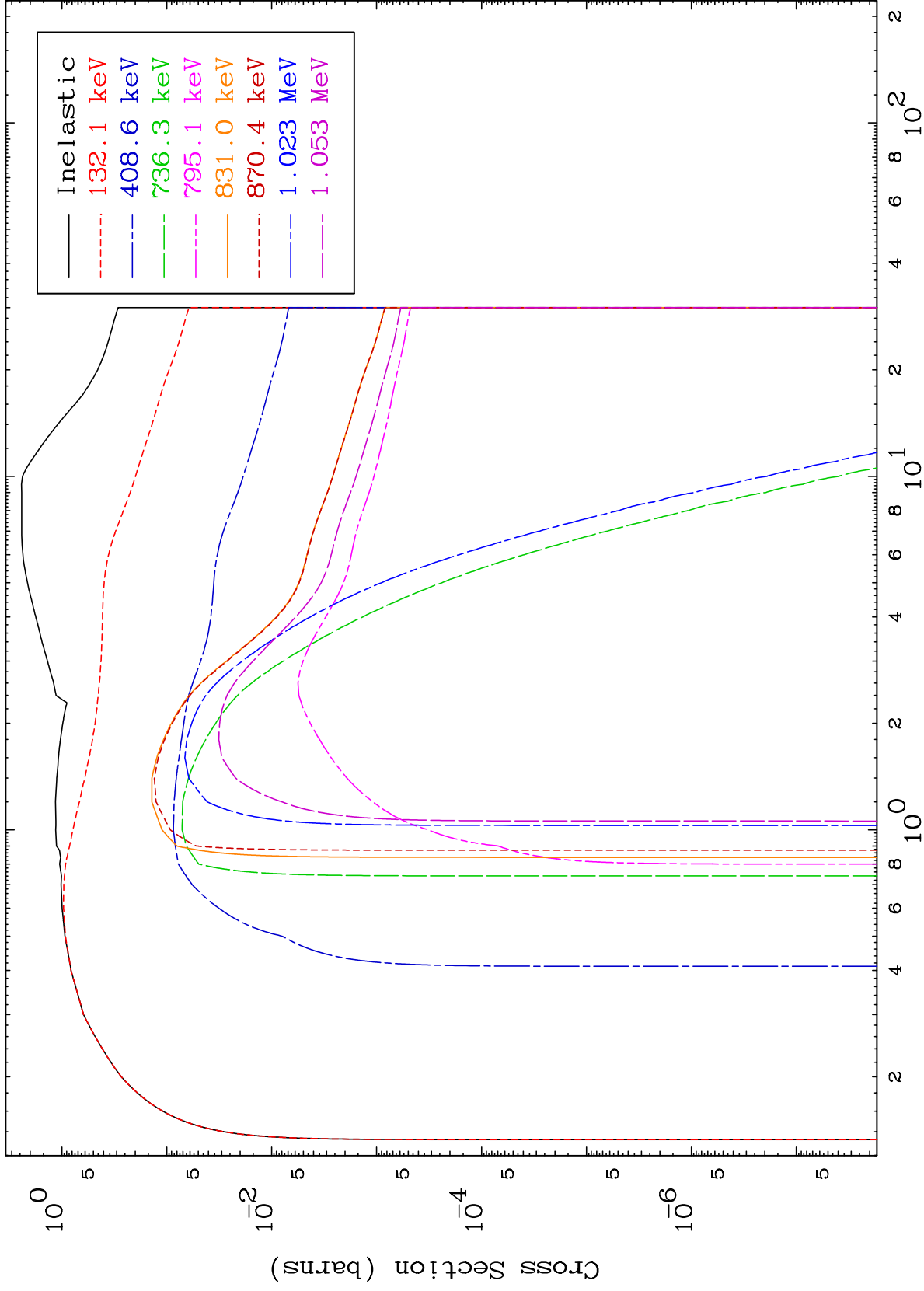
76-Os-180



MAT 7613

(n,n') Level
293 Kelvin Cross Sections

76-Os-180

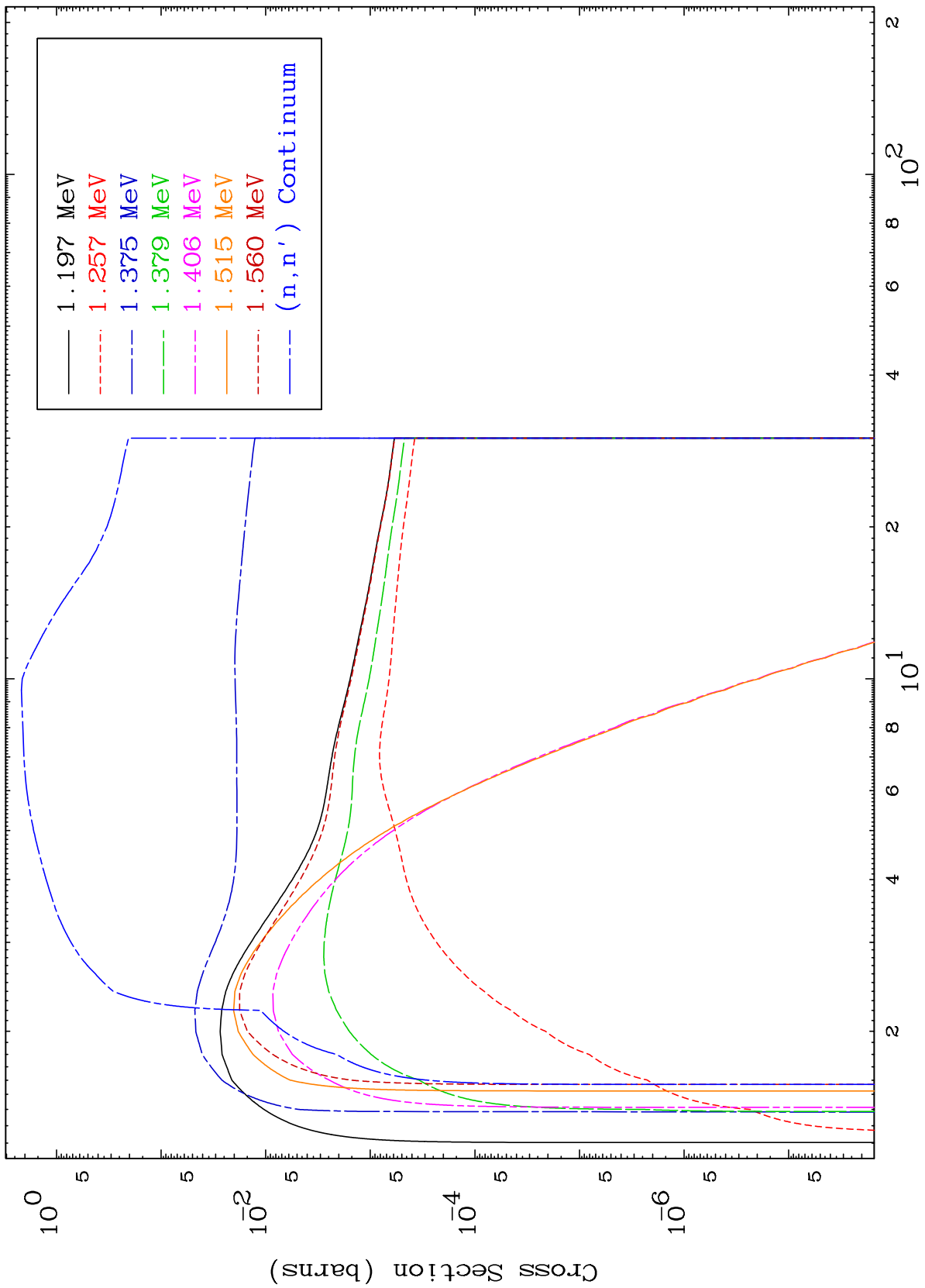


MAT 7613

(n,n') Level

76-Os-180

293 Kelvin Cross Sections



8

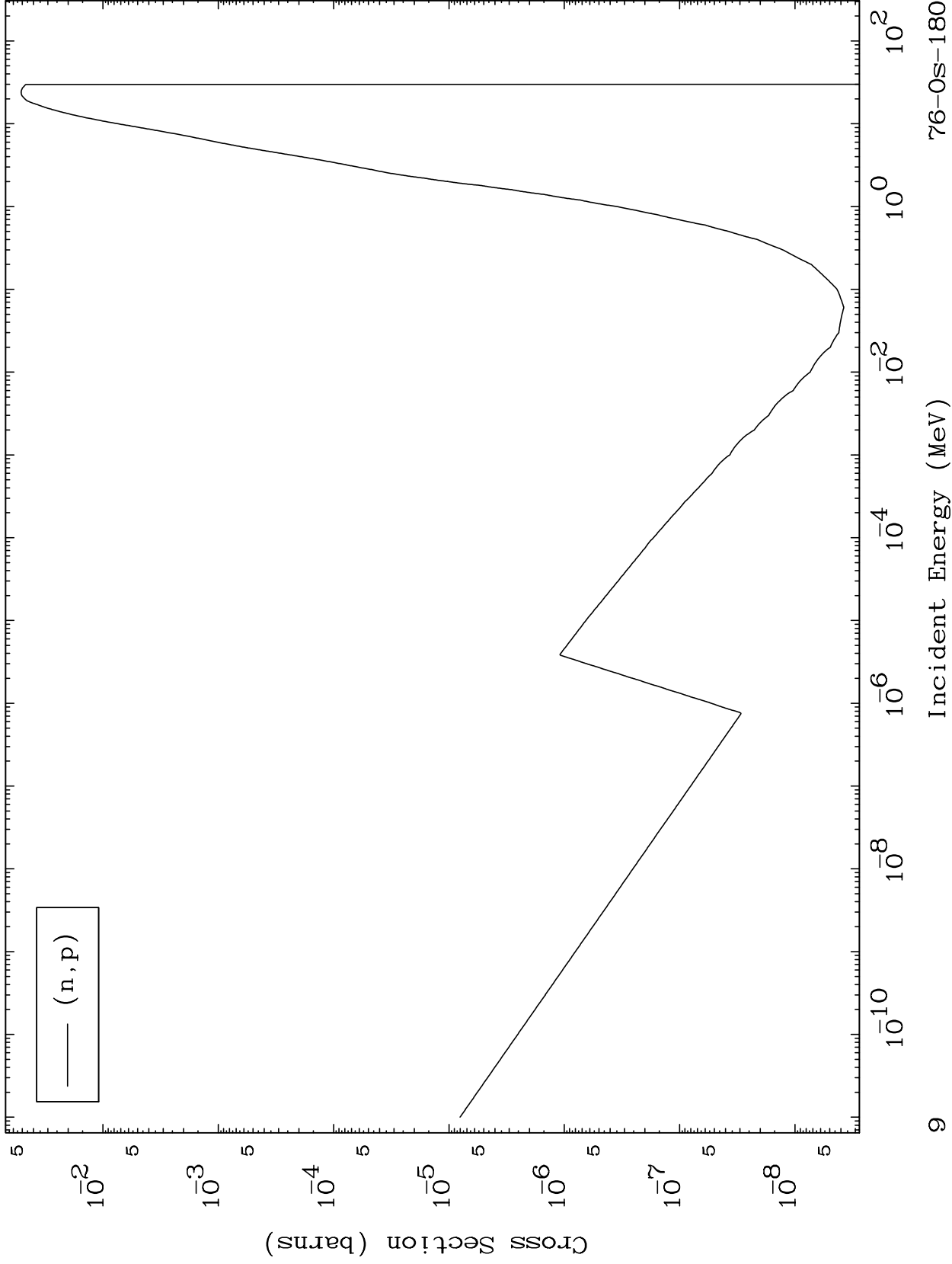
Incident Energy (MeV)

76-Os-180

MAT 7613

(n,p) Levels
293 Kelvin Cross Sections

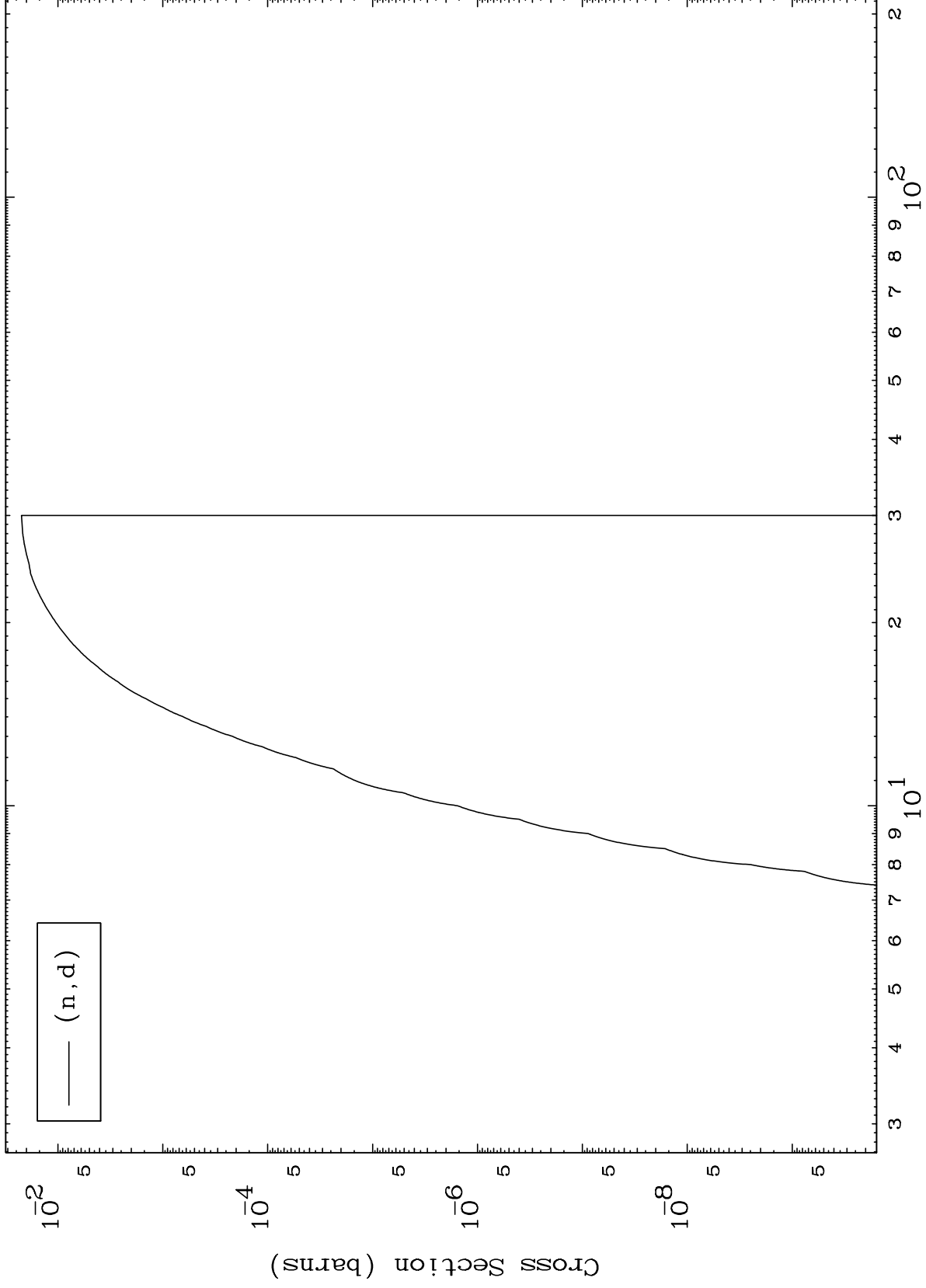
76-Os-180



MAT 7613

(n,d) Levels
293 Kelvin Cross Sections

76-Os-180



10

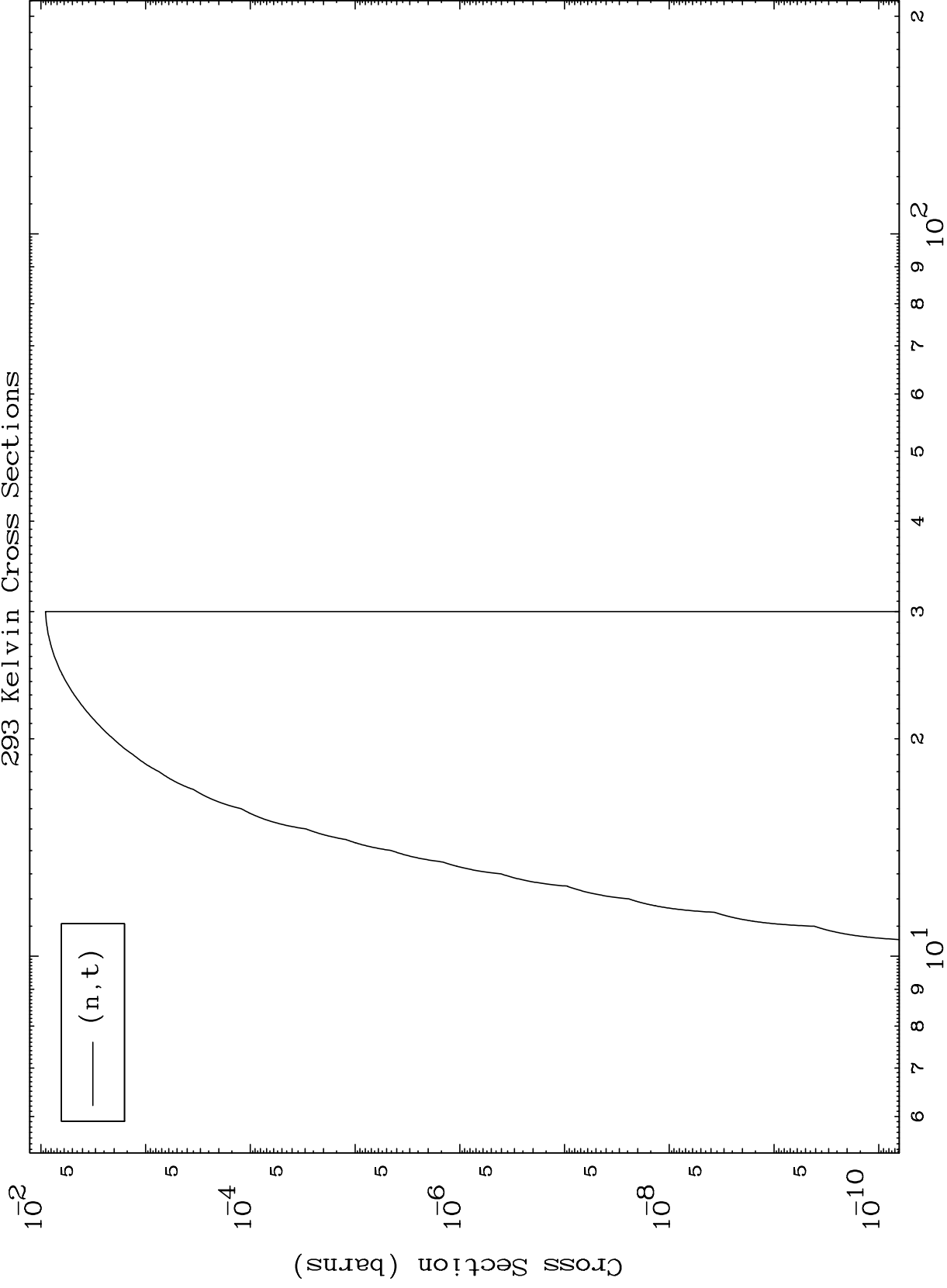
Incident Energy (MeV)

76-Os-180

MAT 7613

(n,t) Levels
293 Kelvin Cross Sections

76-Os-180



11

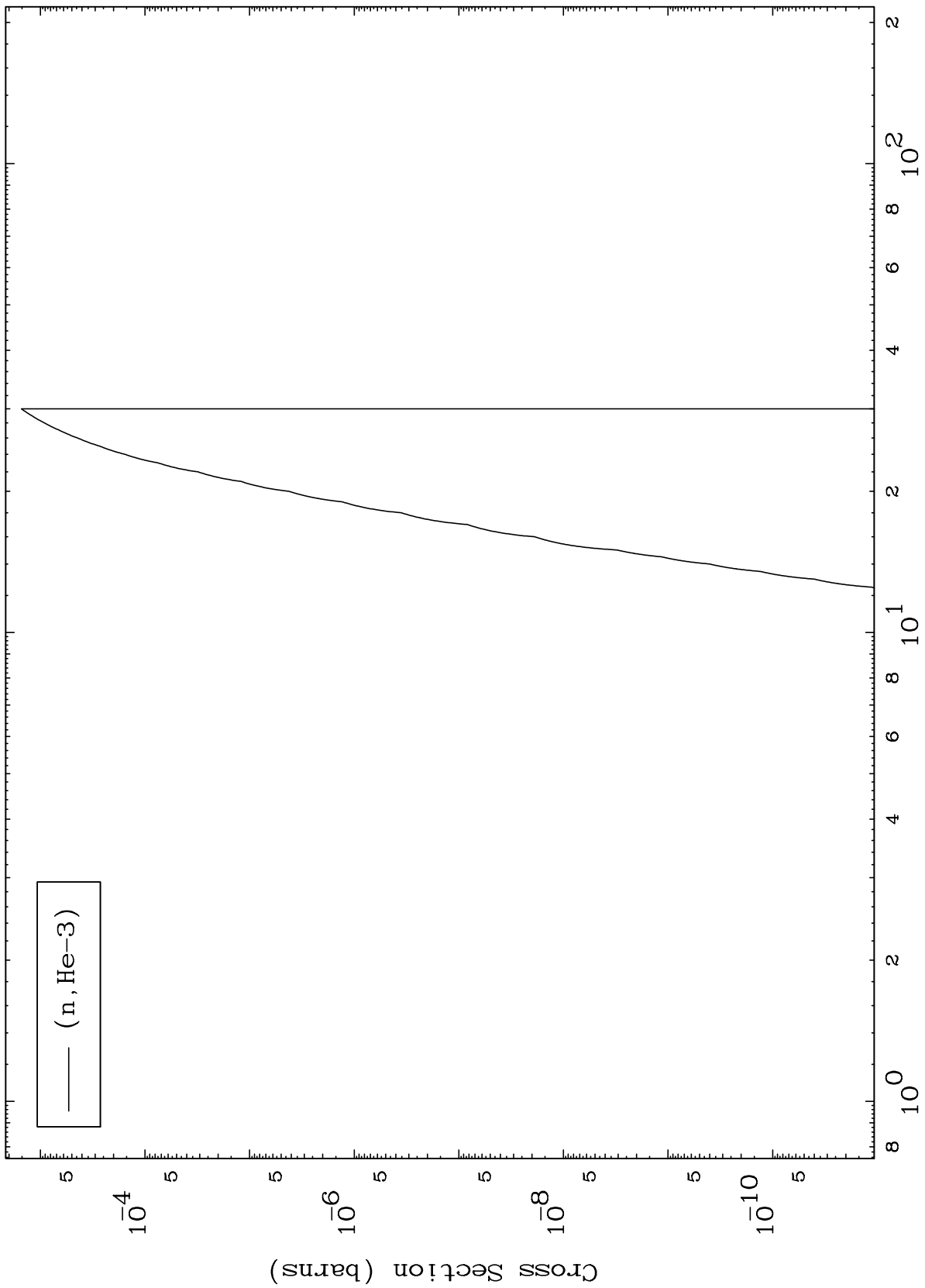
Incident Energy (MeV)

76-Os-180

MAT 7613

(n,He3) Levels
293 Kelvin Cross Sections

76-Os-180



12

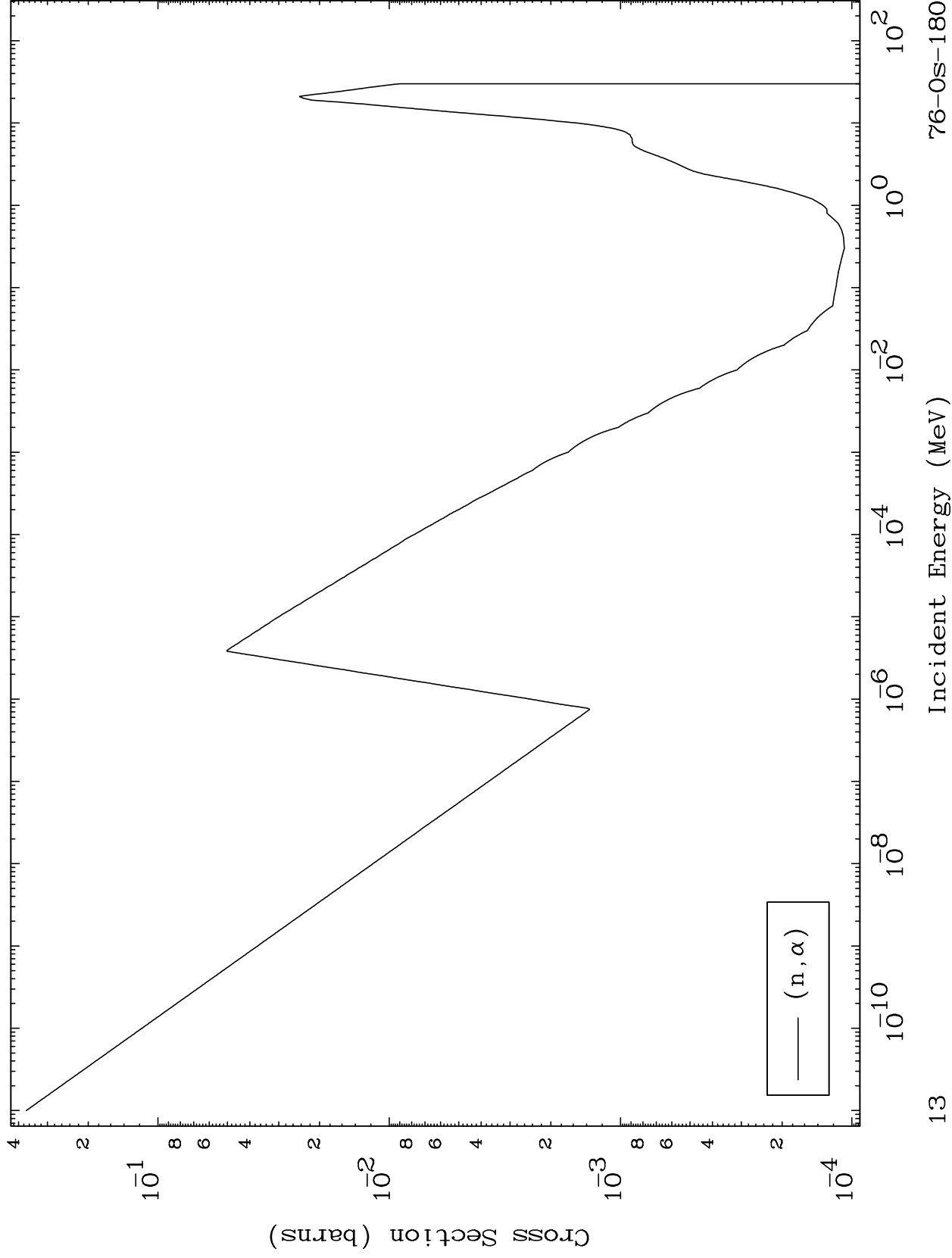
Incident Energy (MeV)

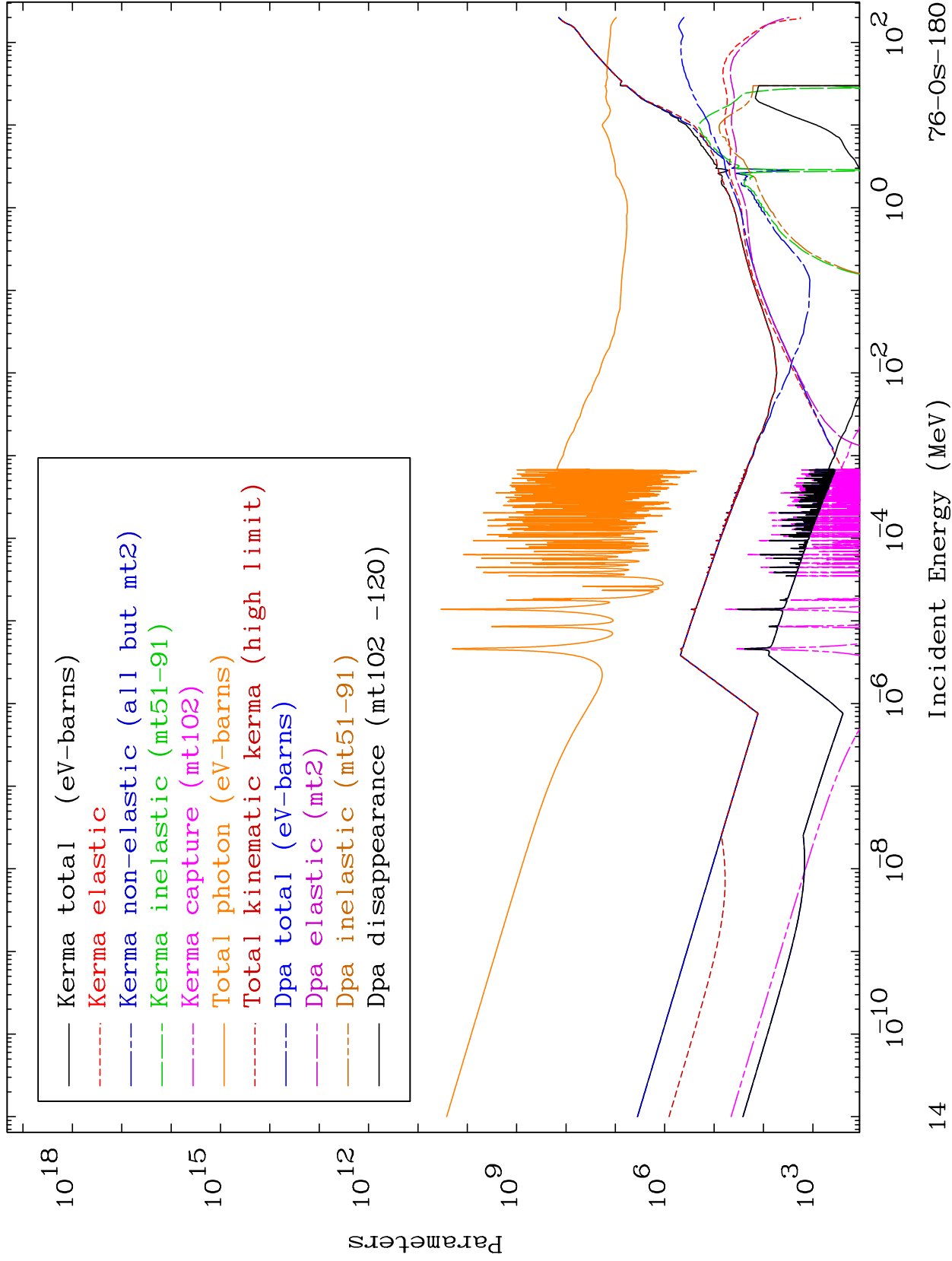
76-Os-180

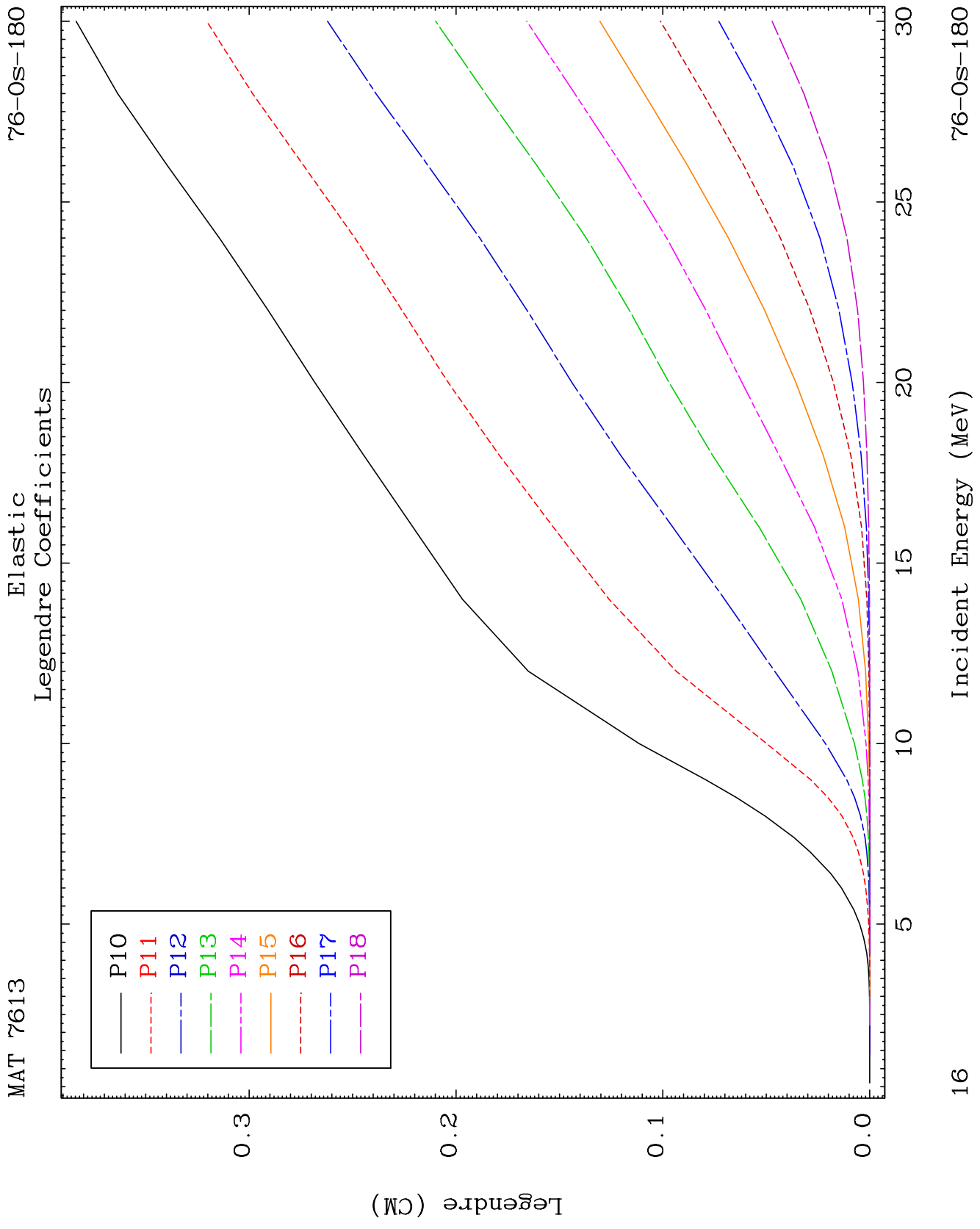
MAT 7613

(n,α) Levels
293 Kelvin Cross Sections

76-Os-180



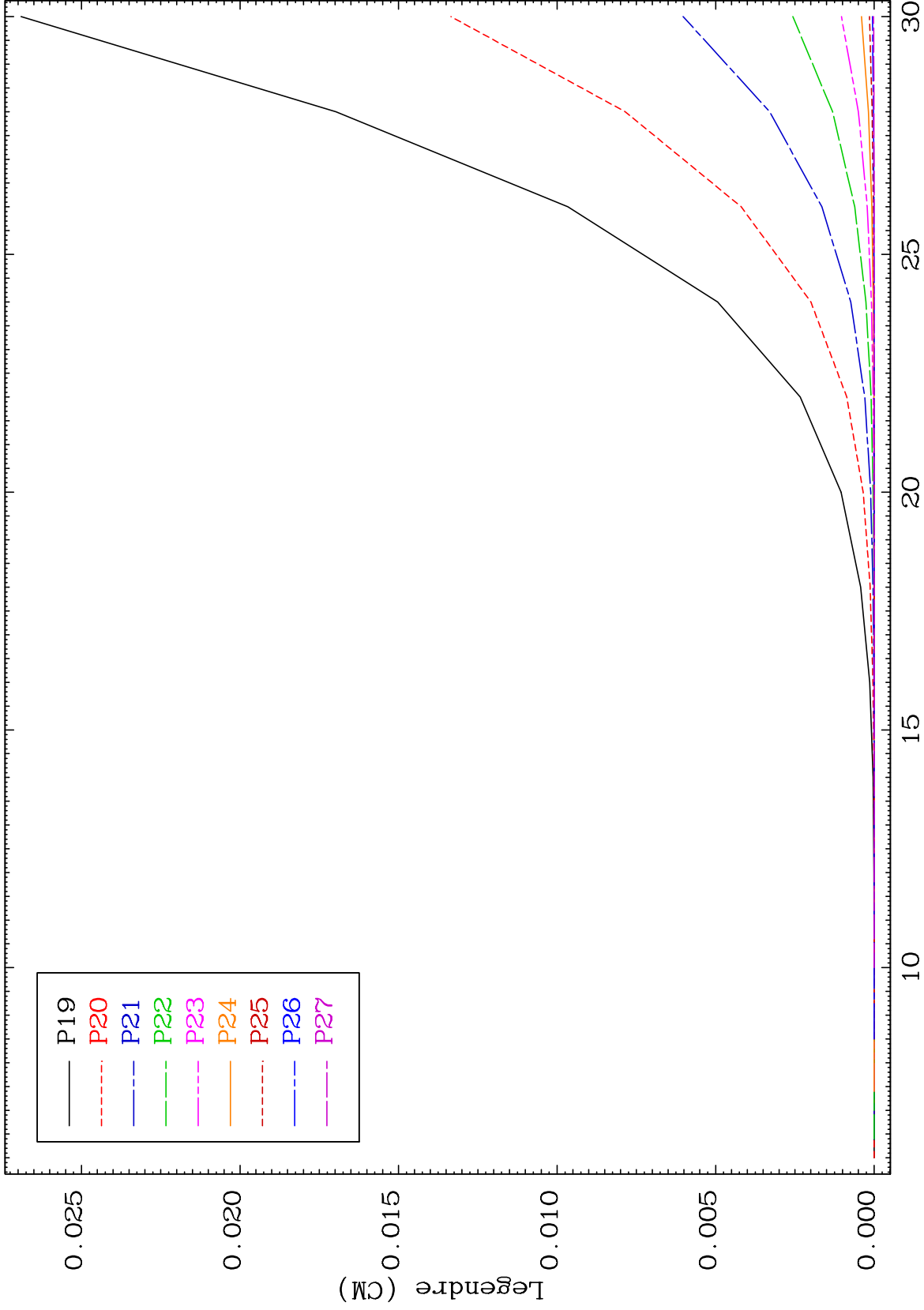




MAT 7613

Elastic
Legendre Coefficients

76-Os-180



17

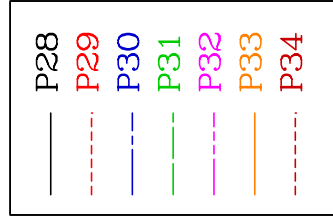
Incident Energy (MeV)

76-Os-180

MAT 7613

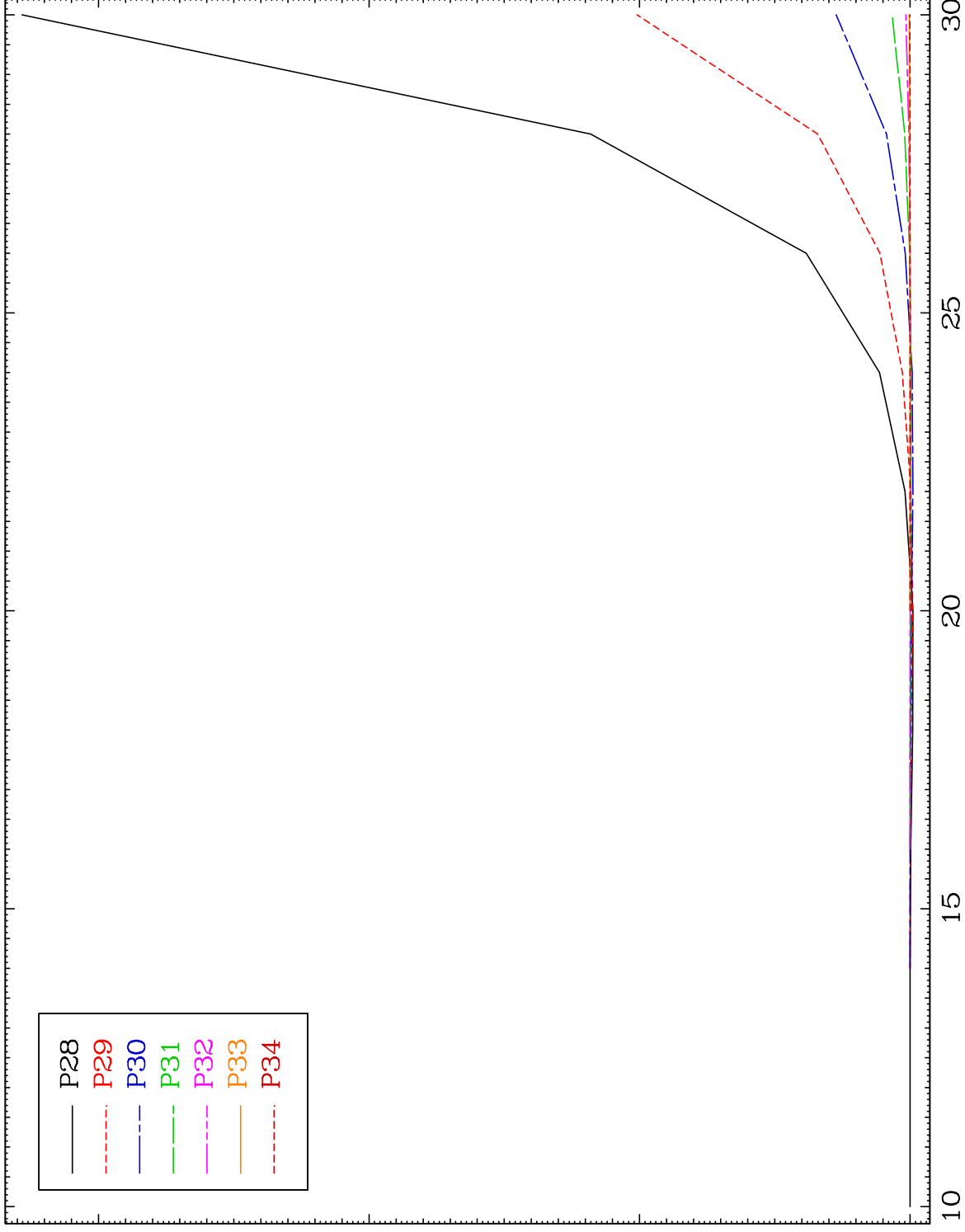
Elastic
Legendre Coefficients

76-Os-180



$\times 10^{-6}$

Legendre (CM)



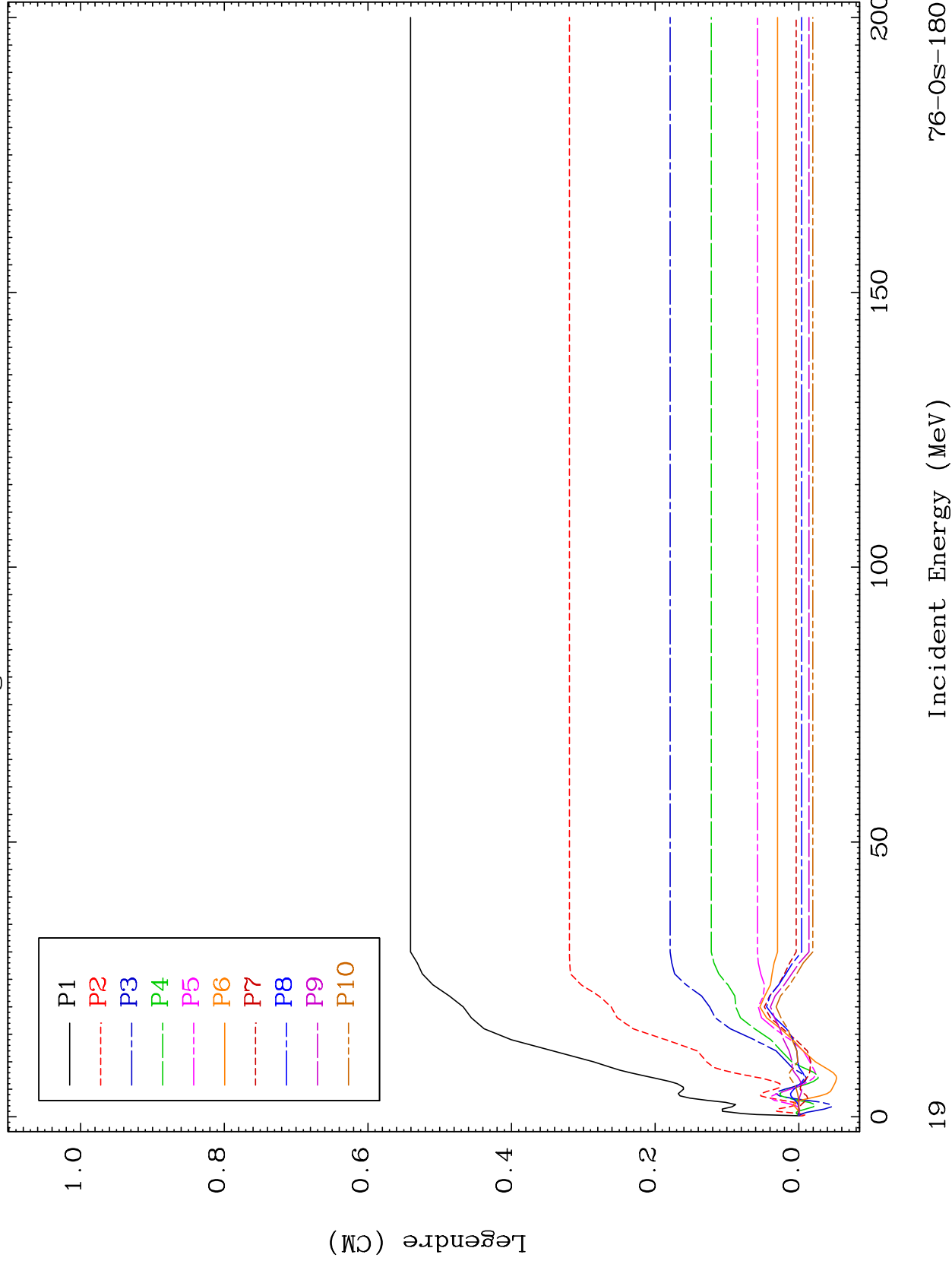
Incident Energy (MeV)

76-Os-180

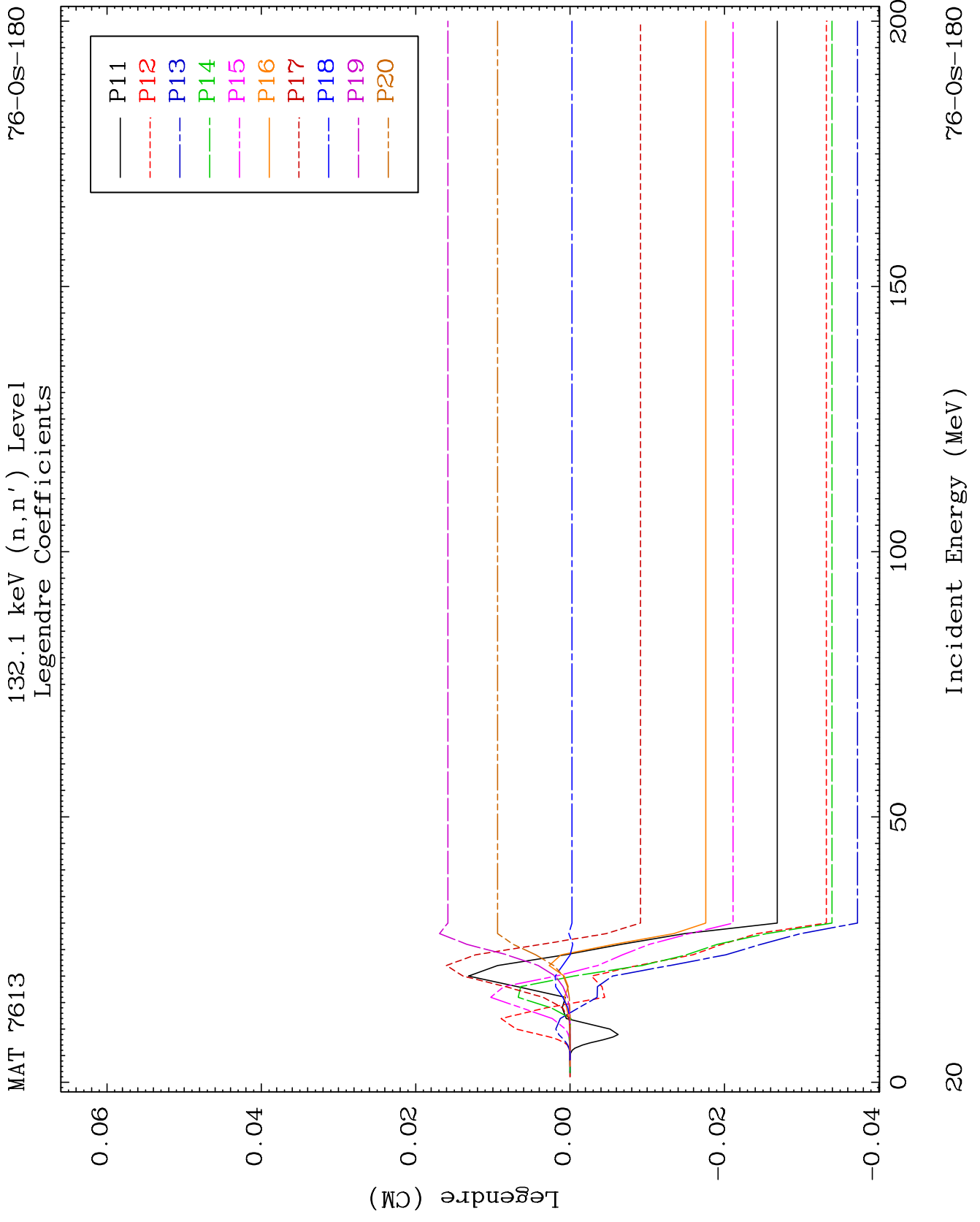
MAT 7613

132.1 keV (n,n') Level
Legendre Coefficients

76-Os-180



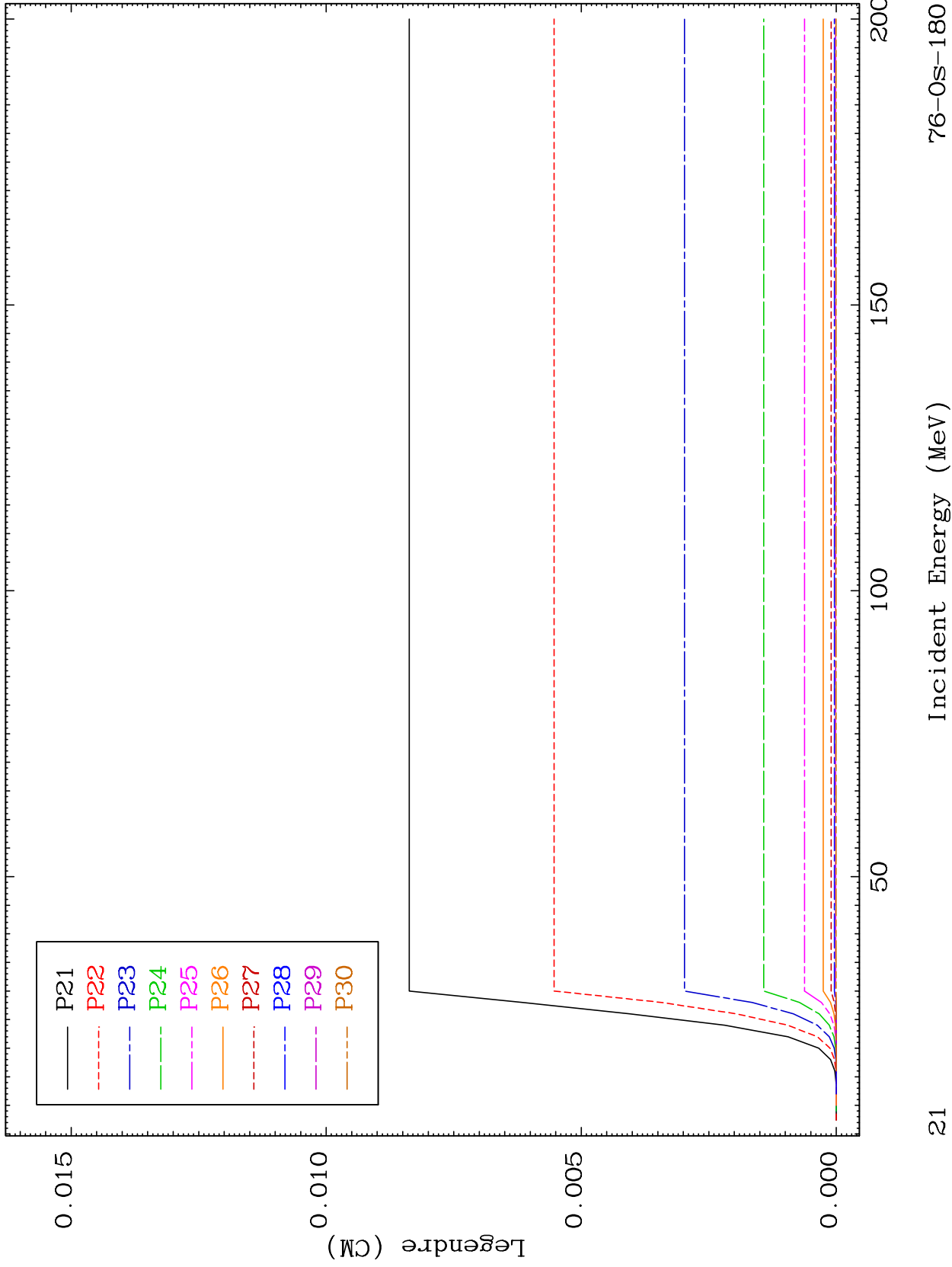
19

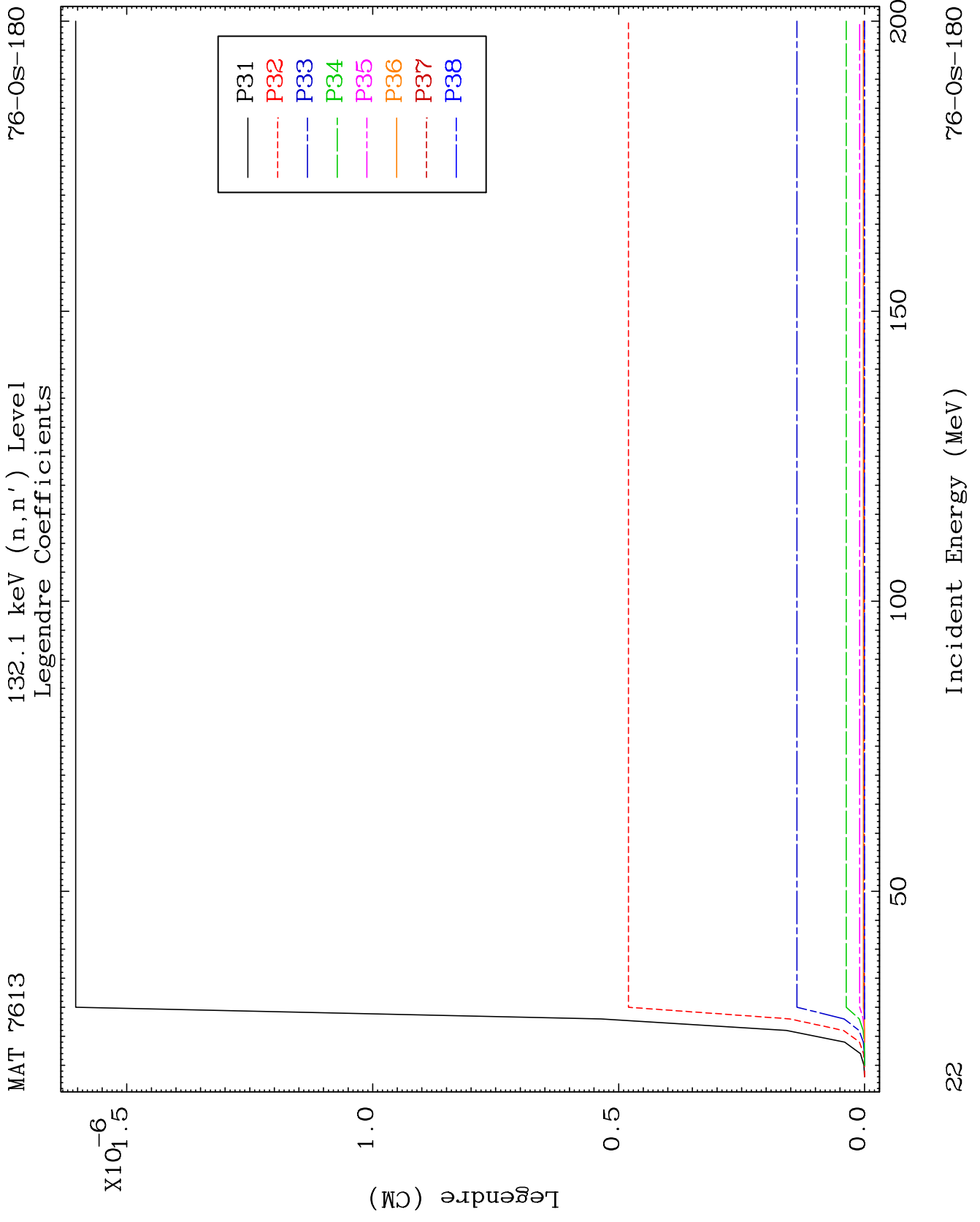


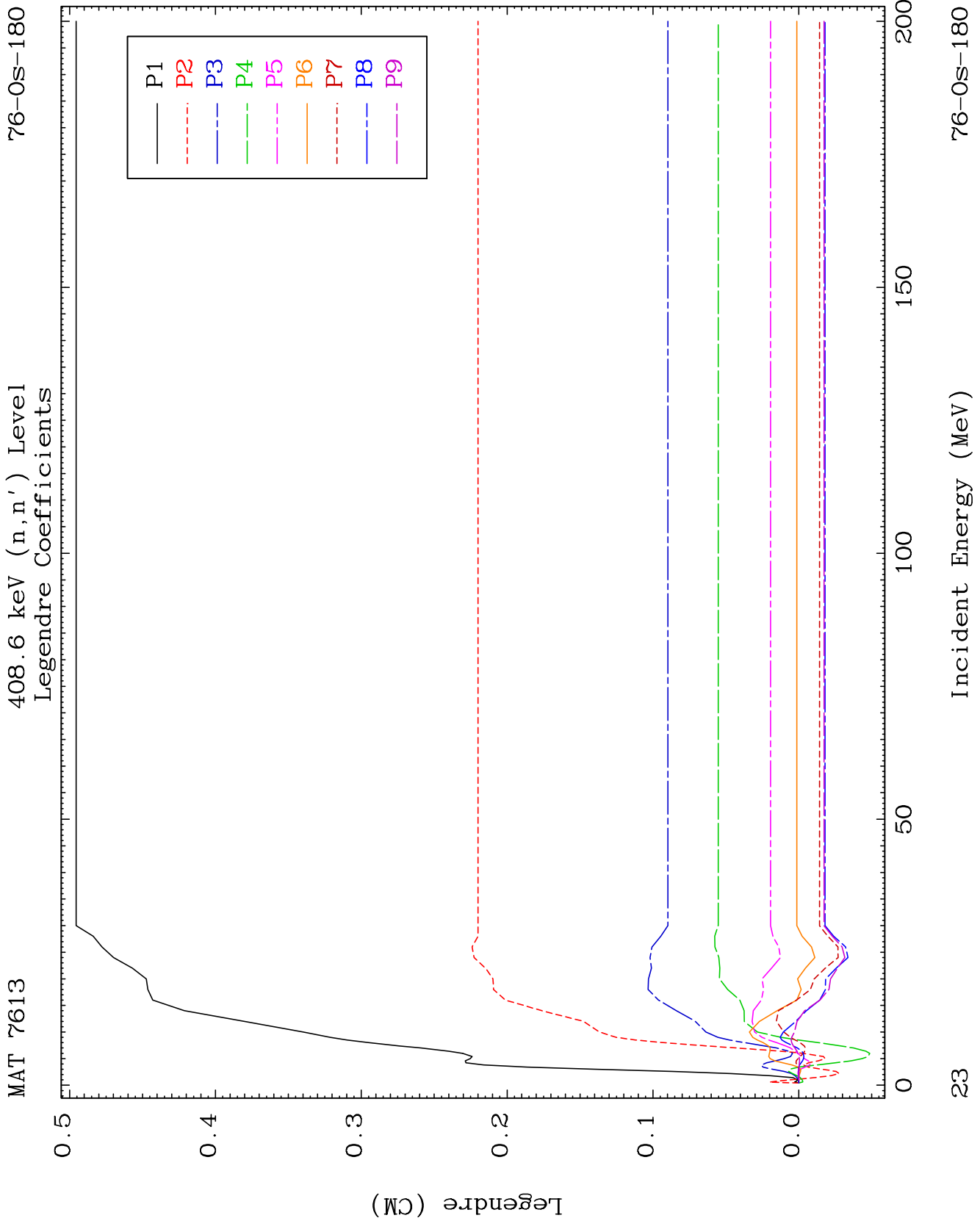
MAT 7613

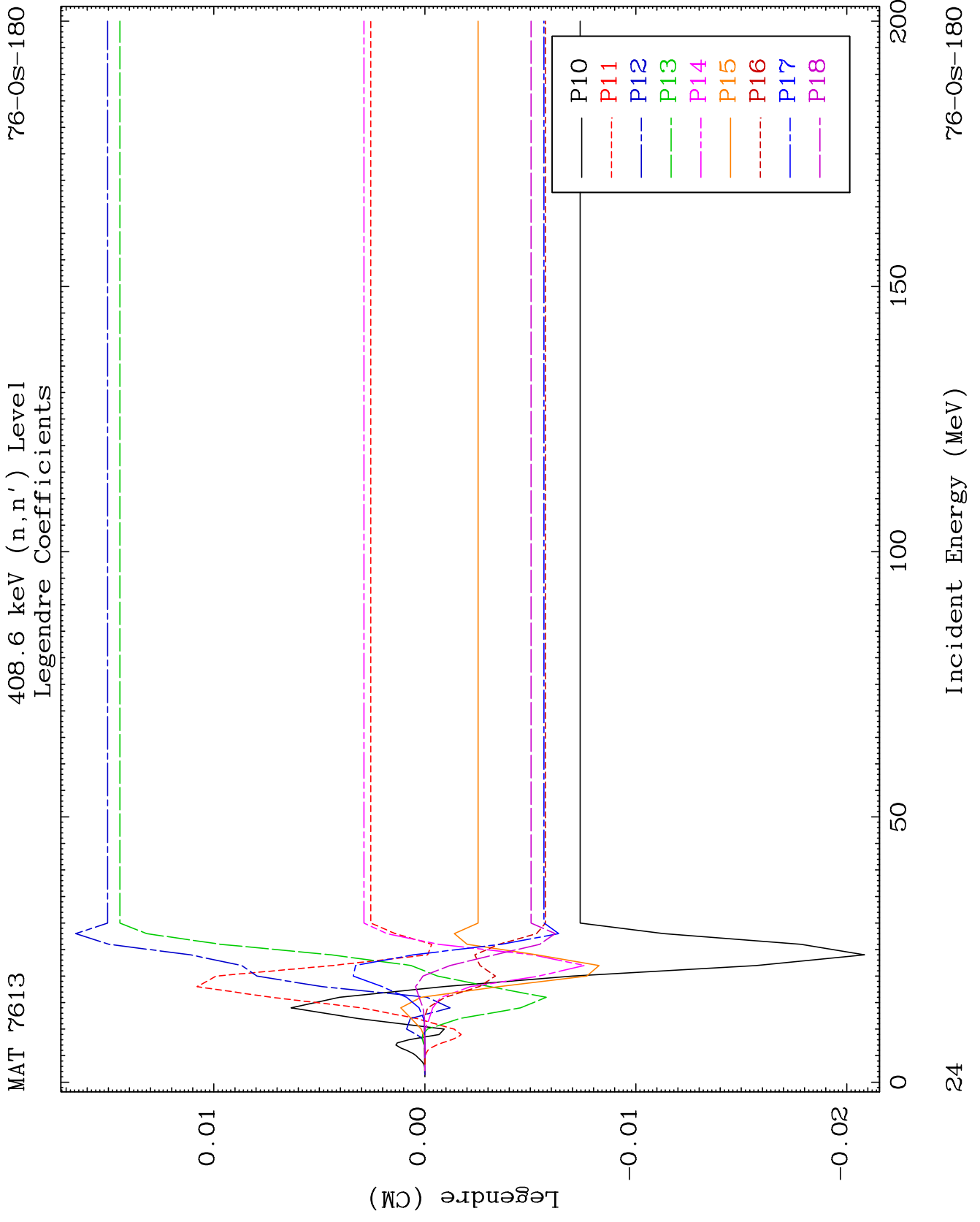
132.1 keV (n,n') Level
Legendre Coefficients

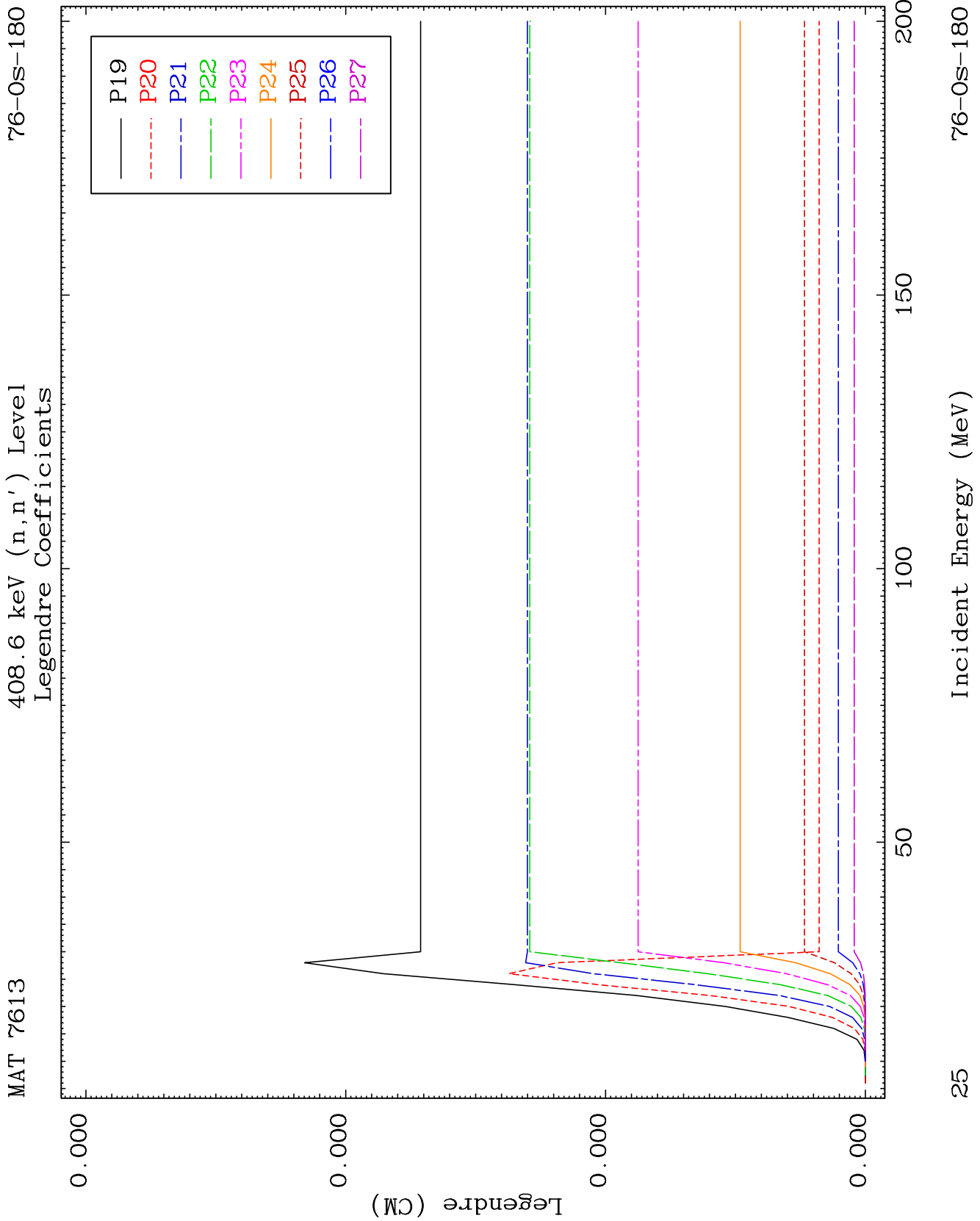
76-Os-180

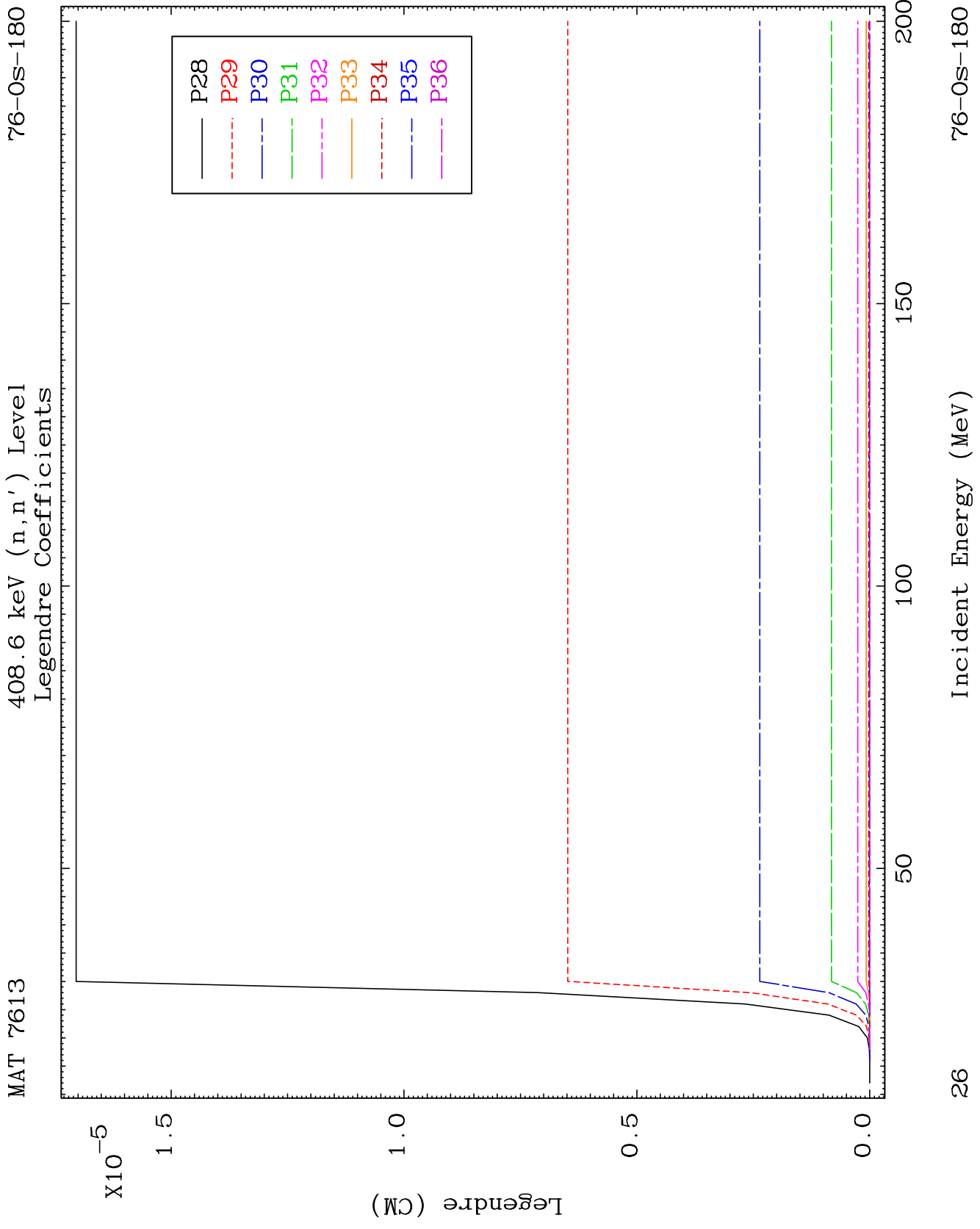


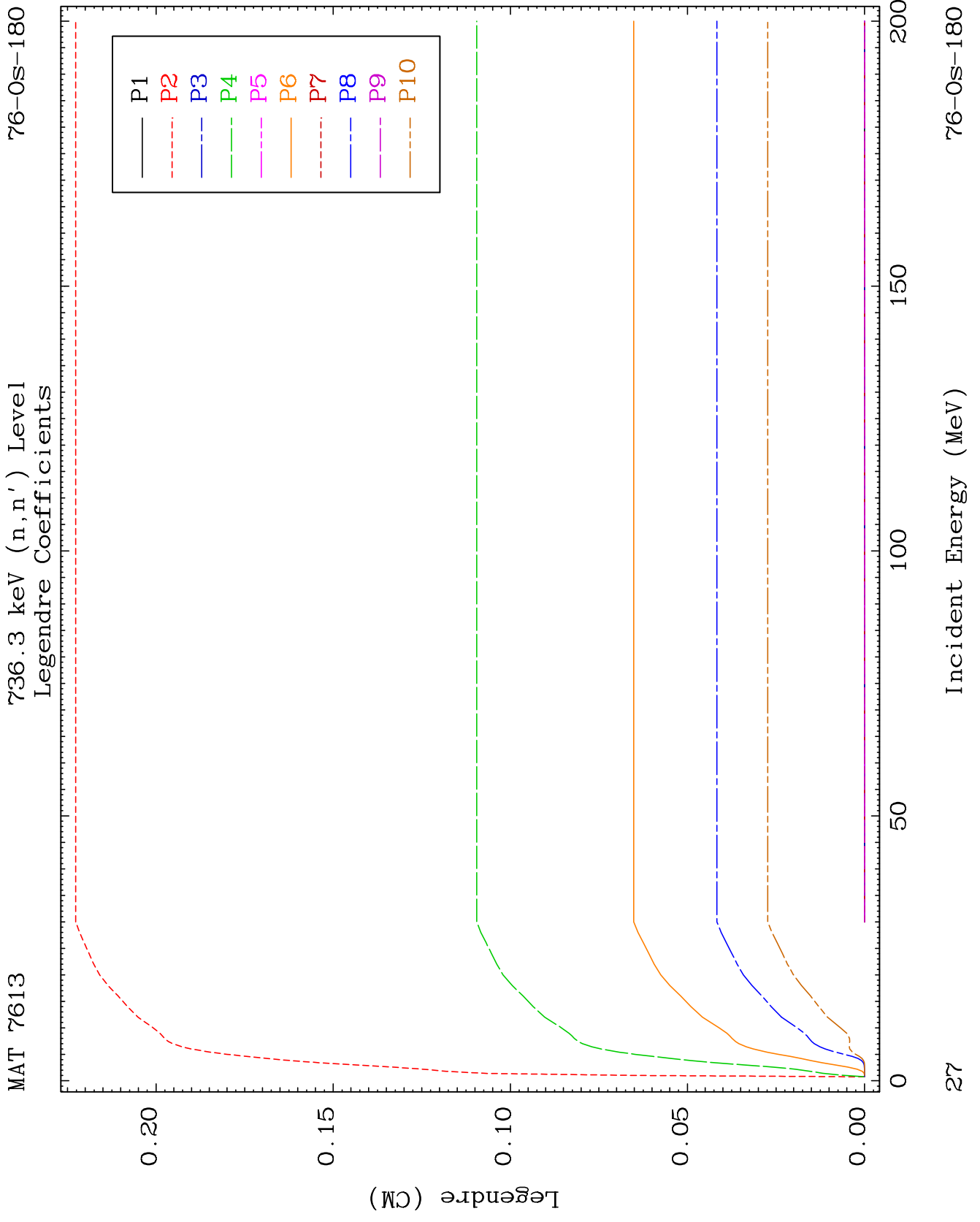








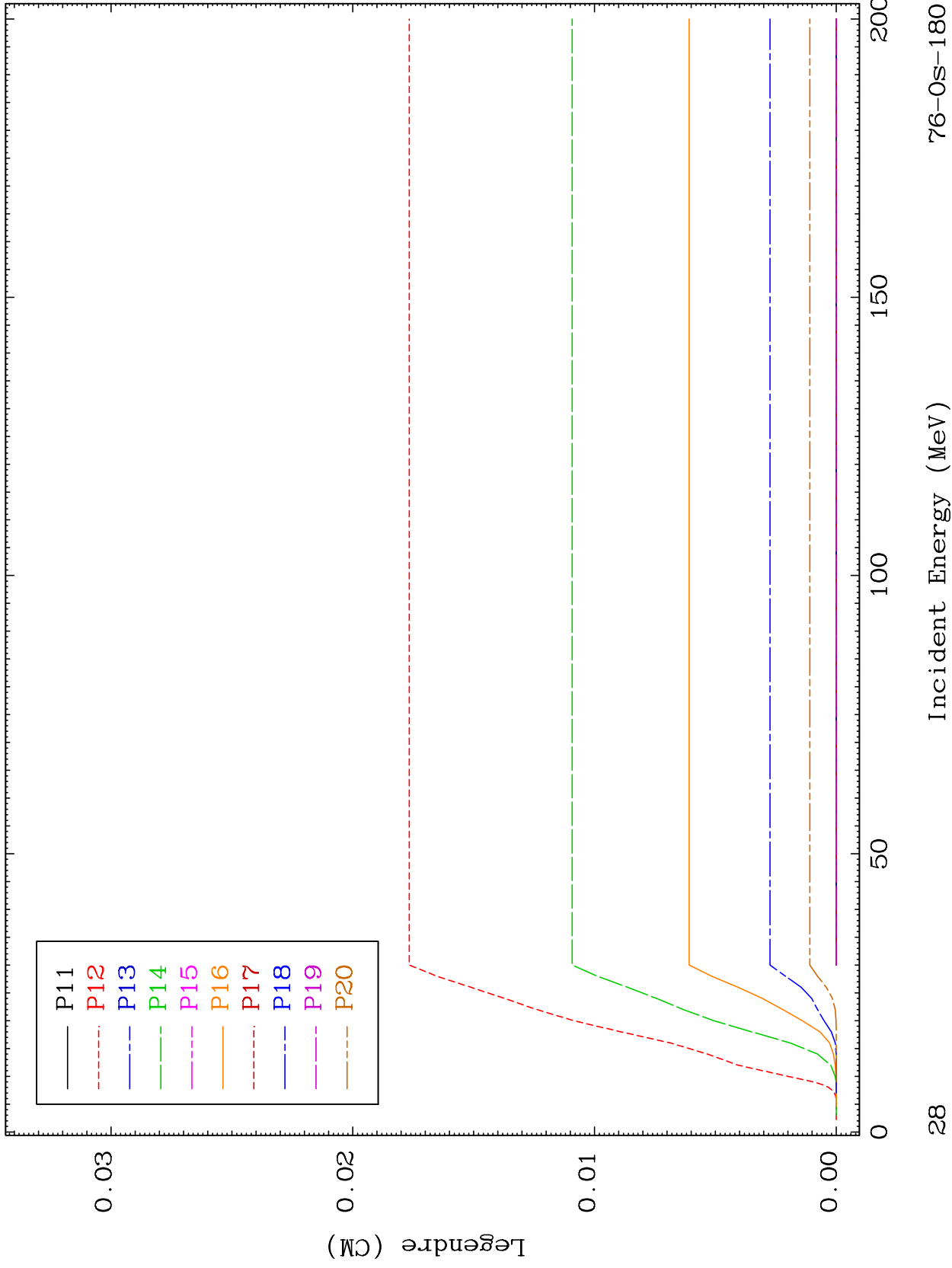




MAT 7613

736.3 keV (n,n') Level
Legendre Coefficients

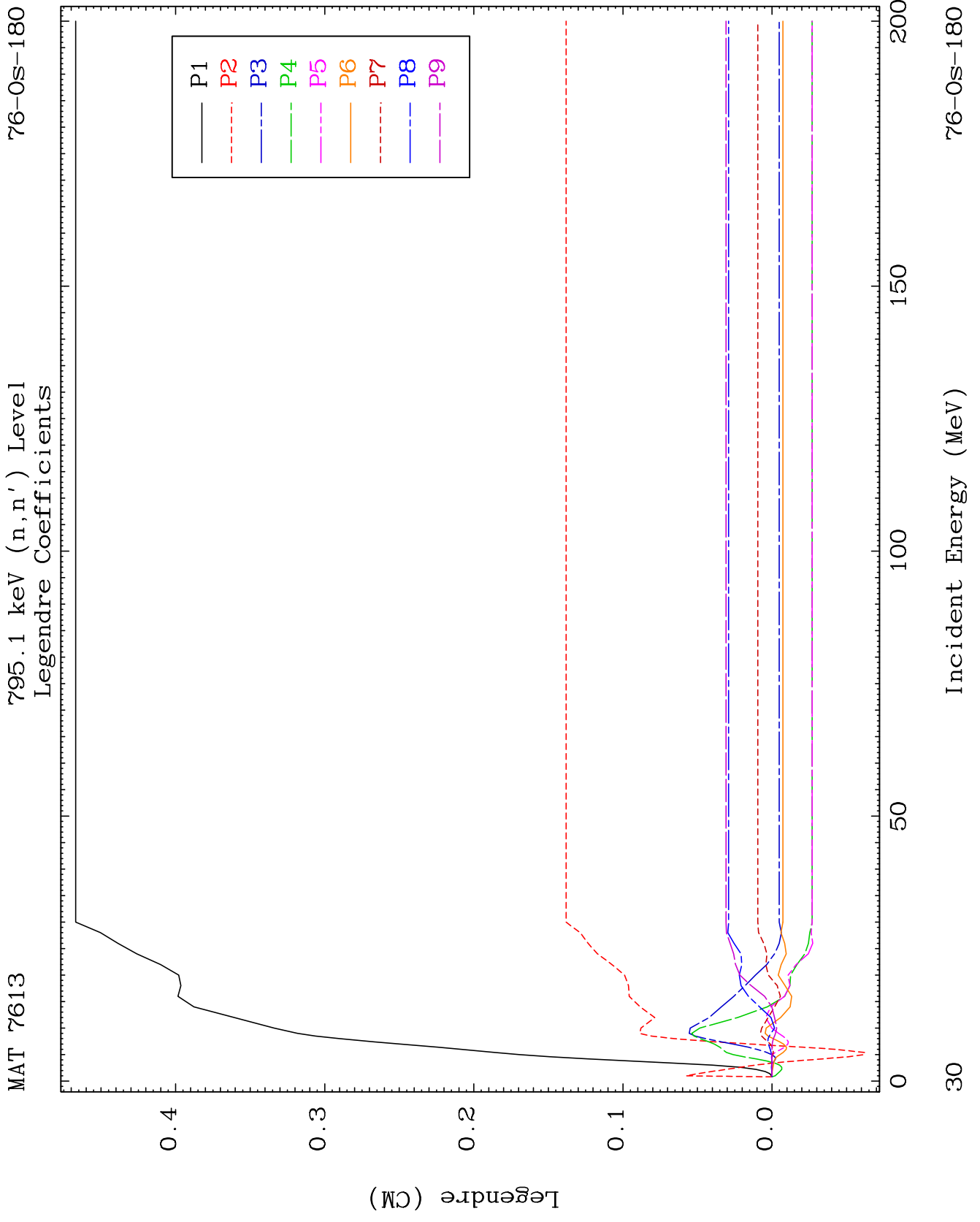
76-Os-180



28

Incident Energy (MeV)

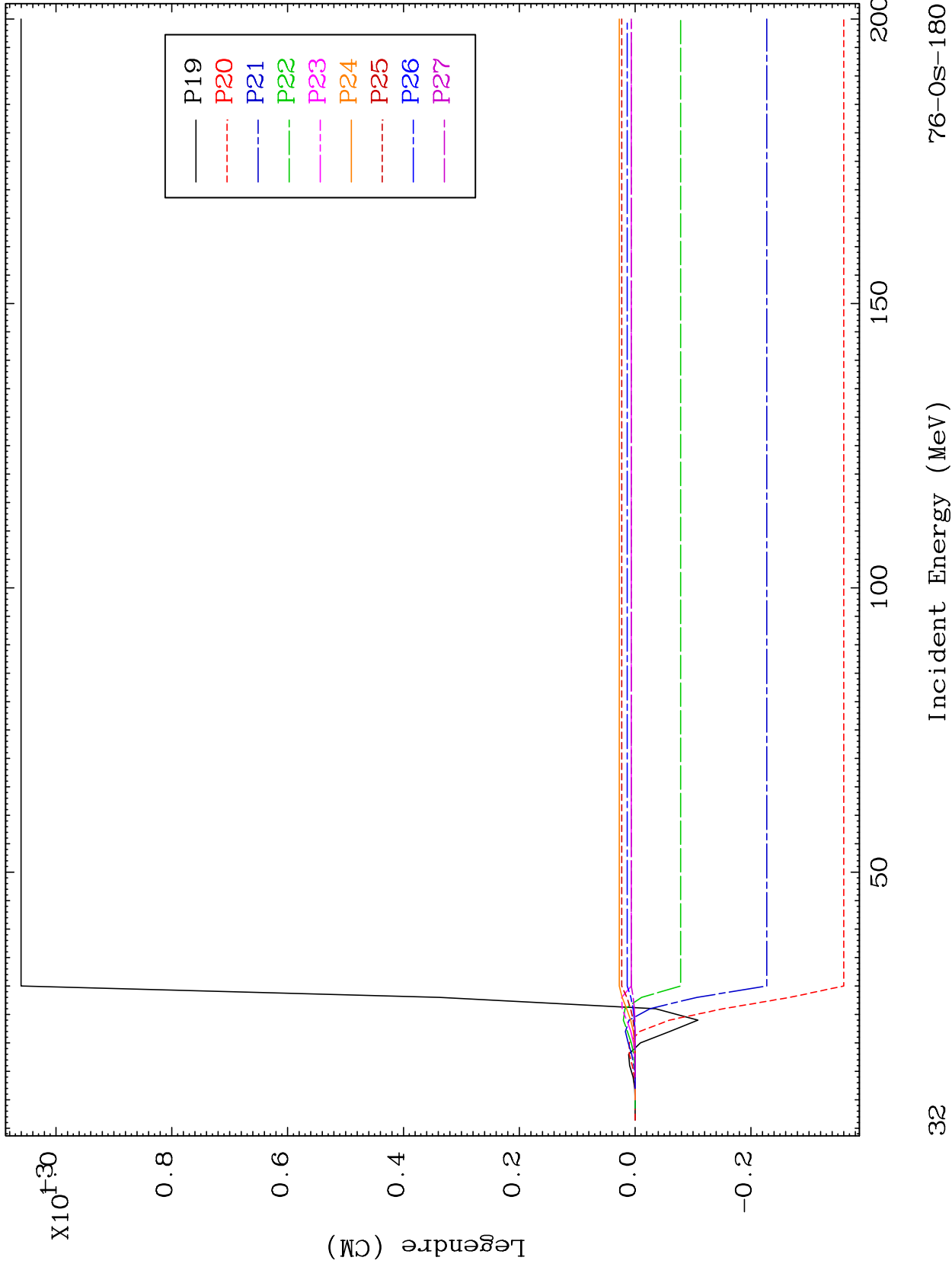
76-Os-180



MAT 7613

795.1 keV (n,n') Level
Legendre Coefficients

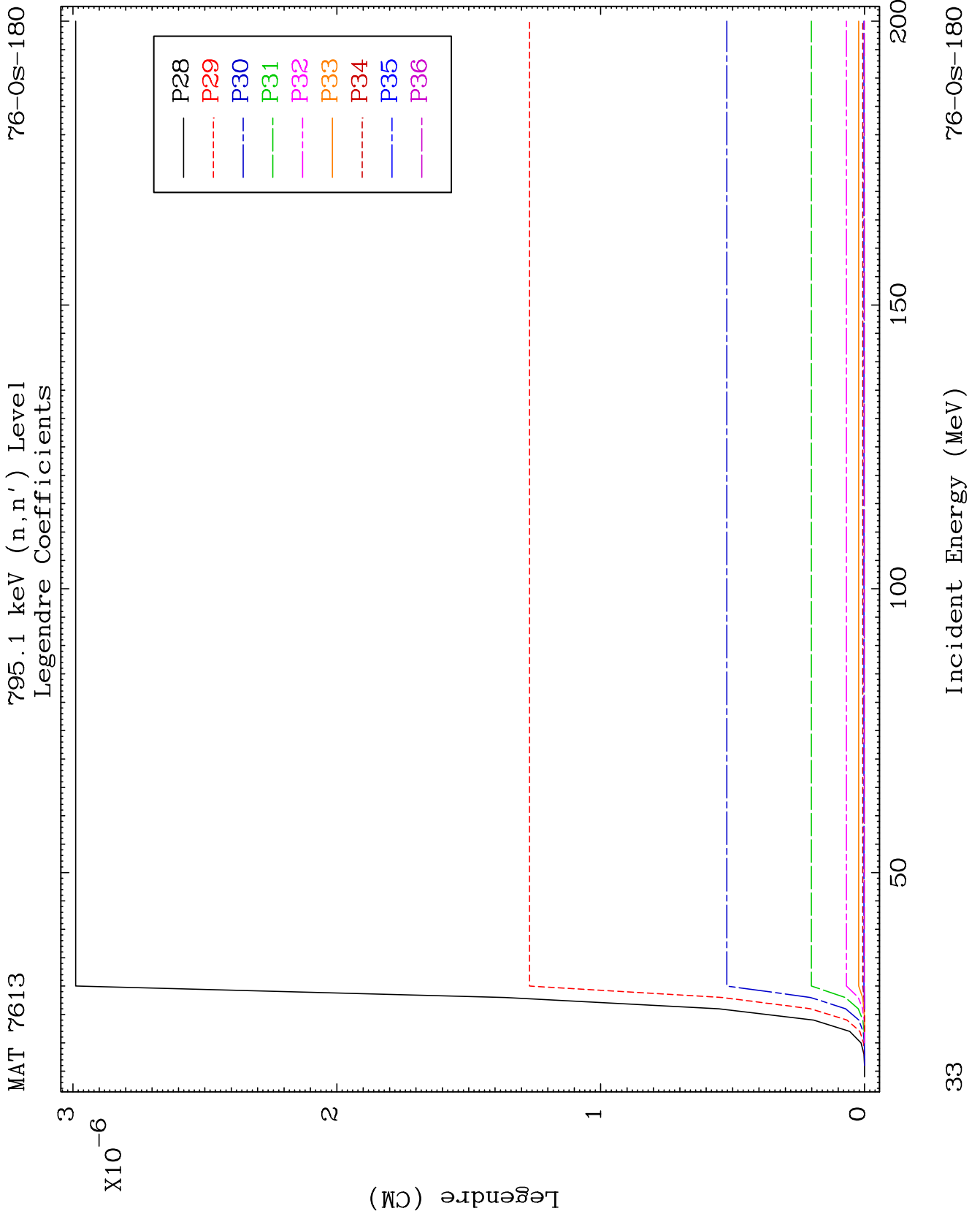
76-Os-180



32

Incident Energy (MeV)

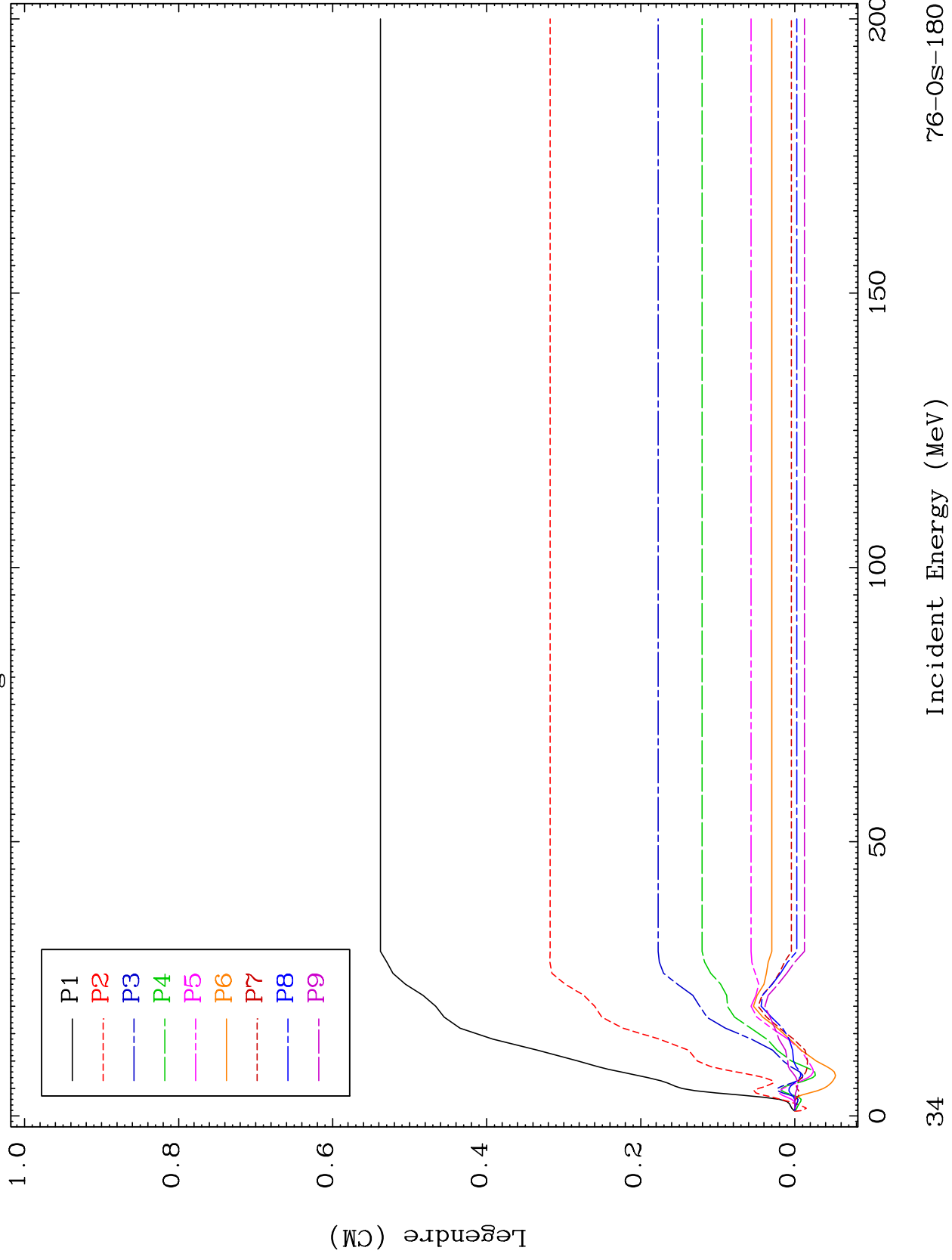
76-Os-180



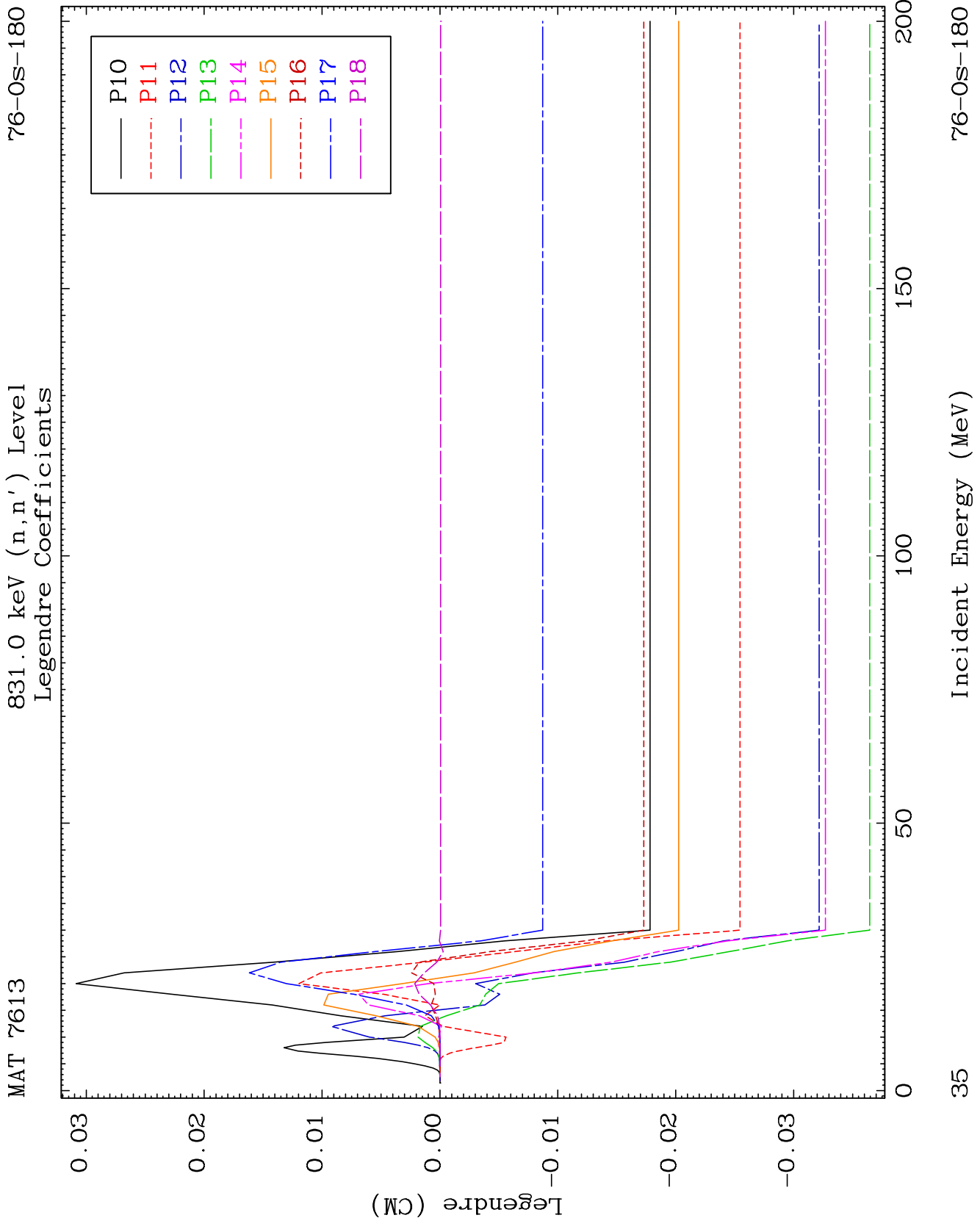
MAT 7613

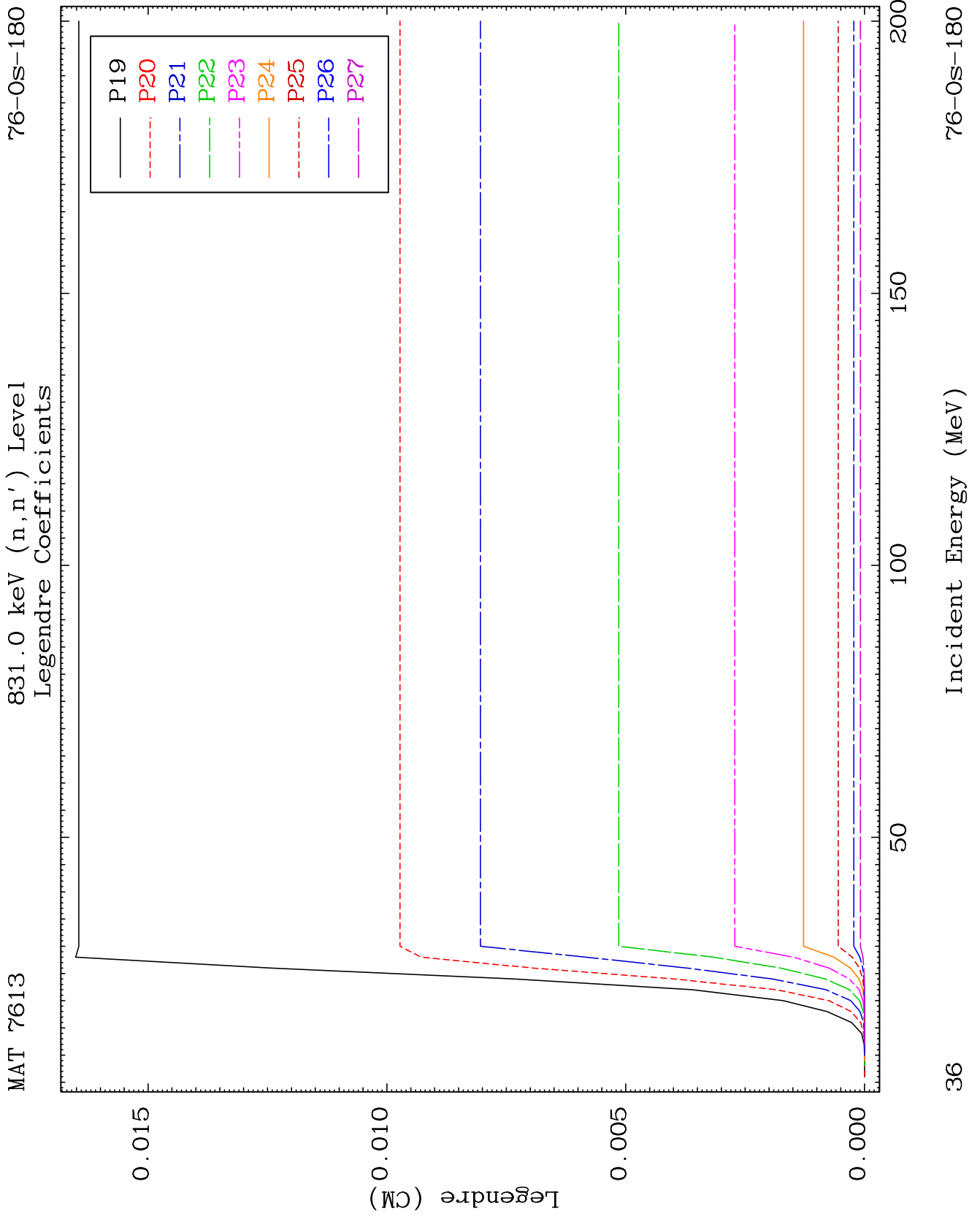
831.0 keV (n,n') Level
Legendre Coefficients

76-Os-180



34

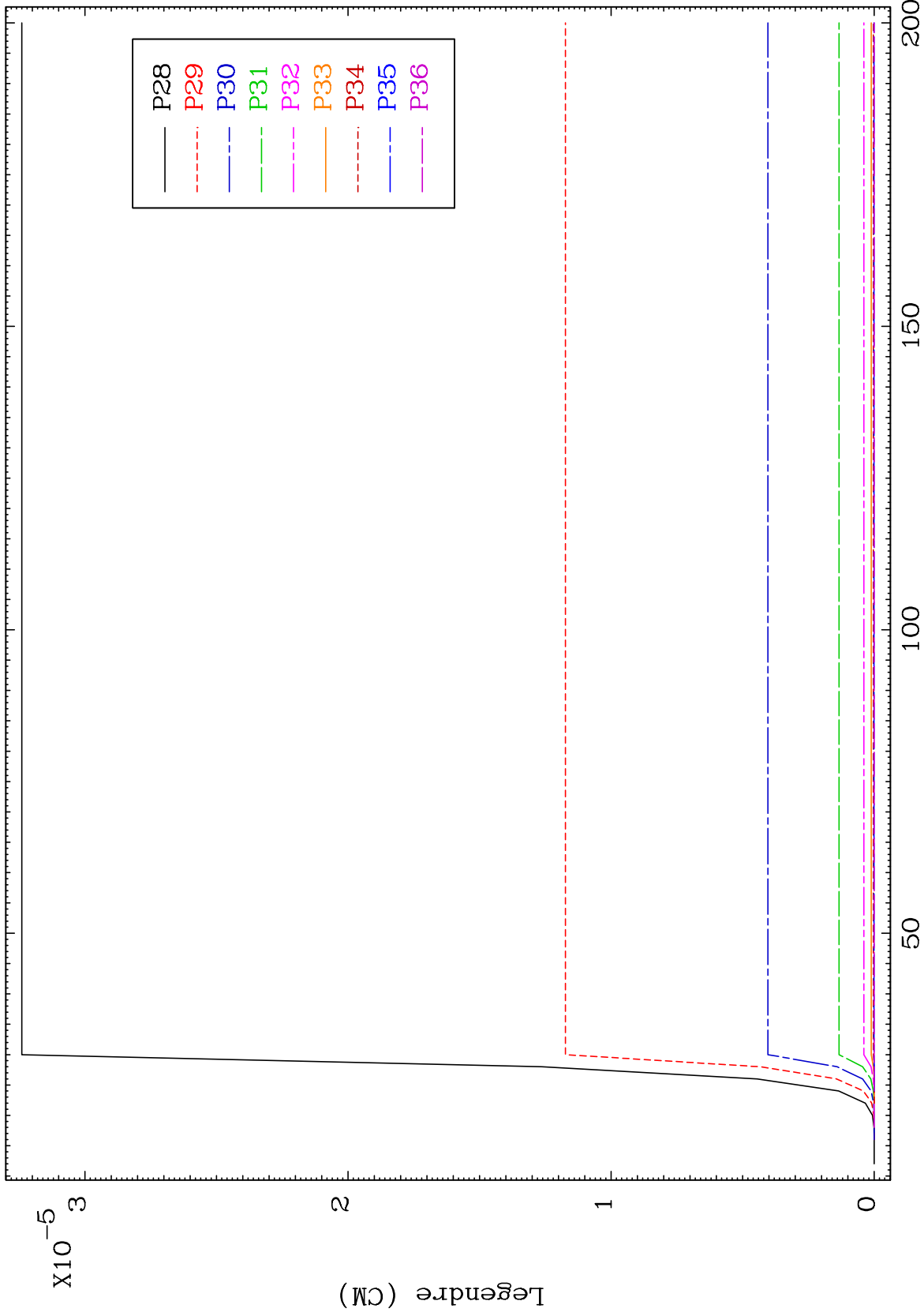




MAT 7613

831.0 keV (n,n') Level
Legendre Coefficients

76-Os-180



37

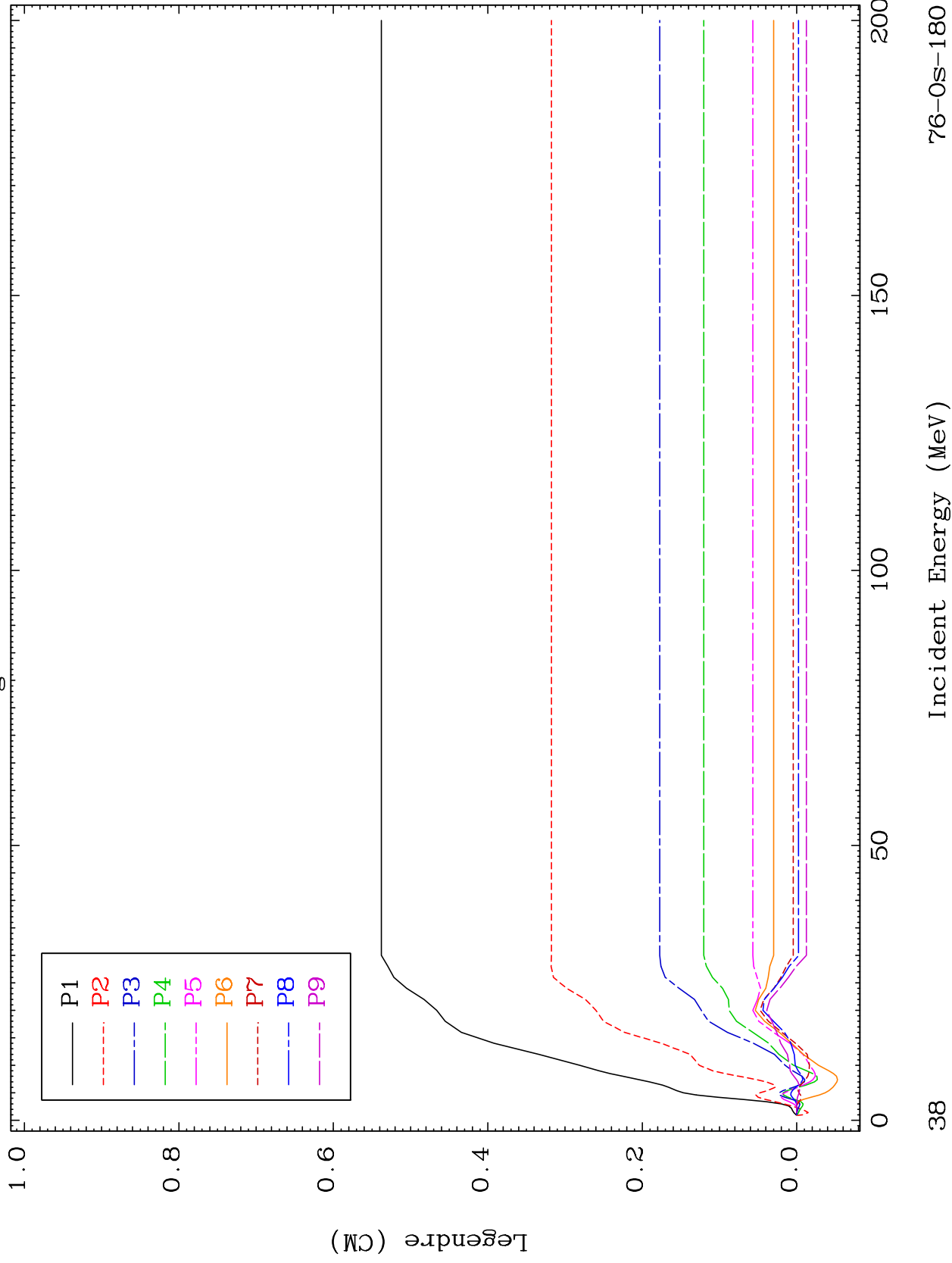
Incident Energy (MeV)

76-Os-180

MAT 7613

870.4 keV (n,n') Level
Legendre Coefficients

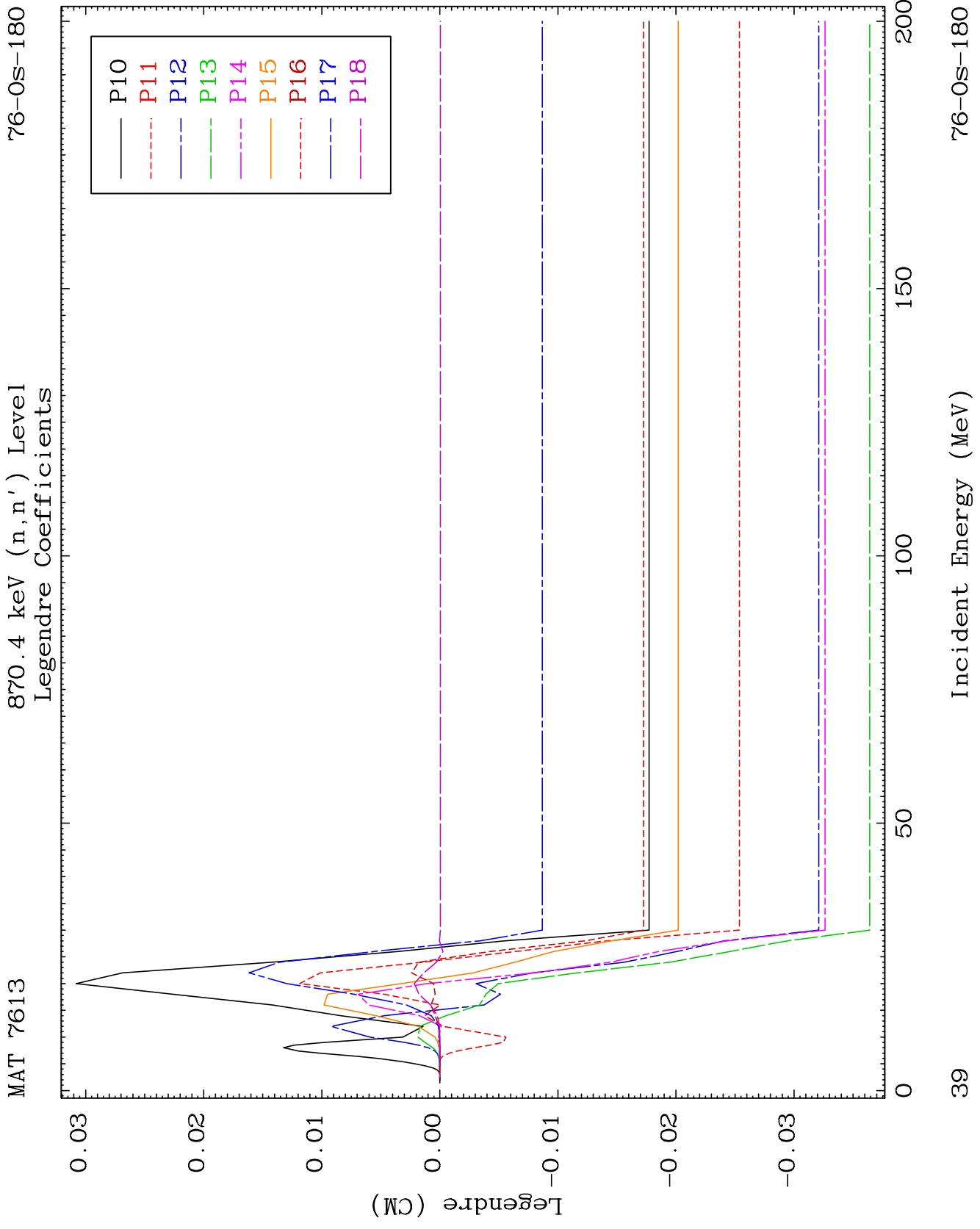
76-Os-180

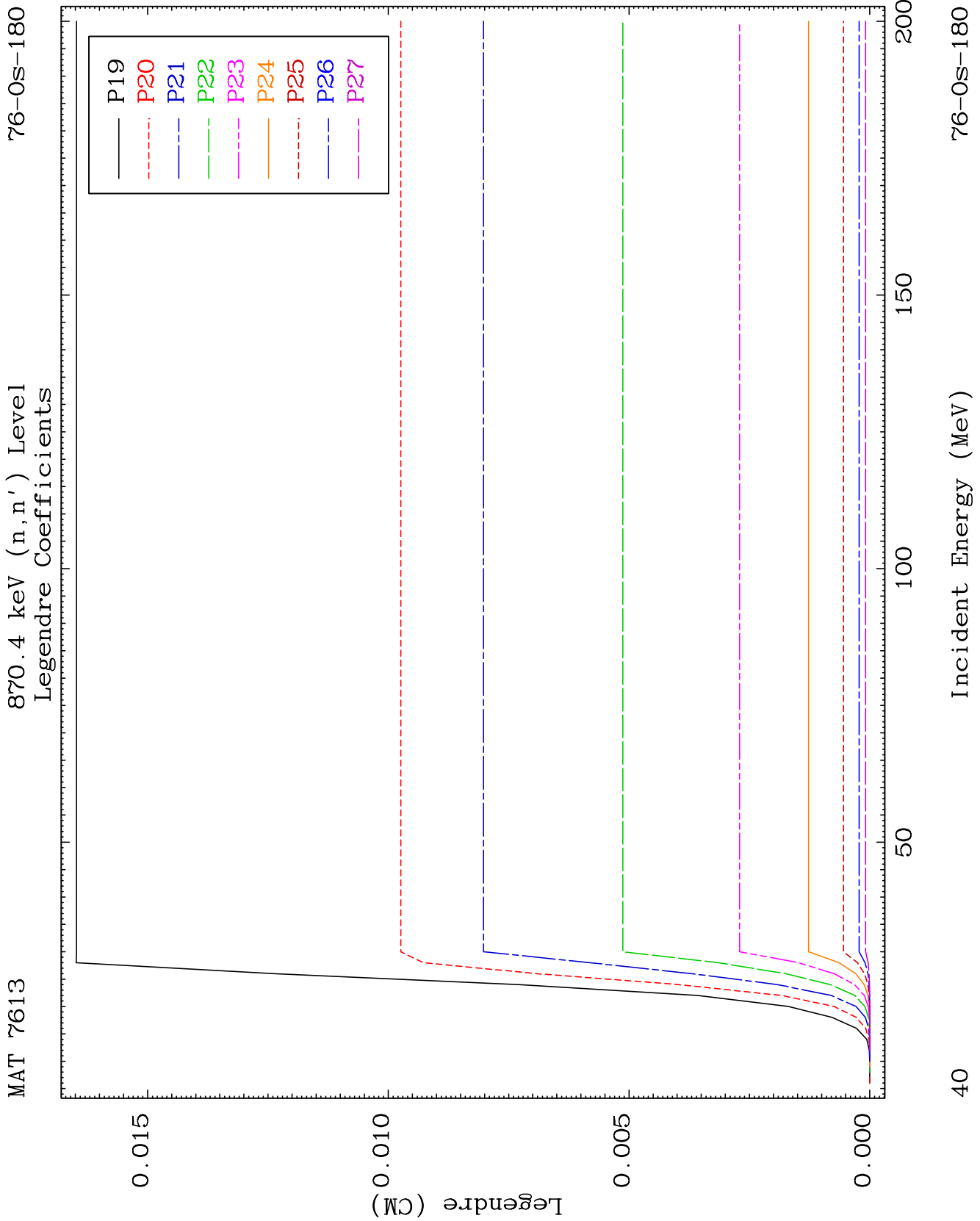


38

Incident Energy (MeV)

76-Os-180

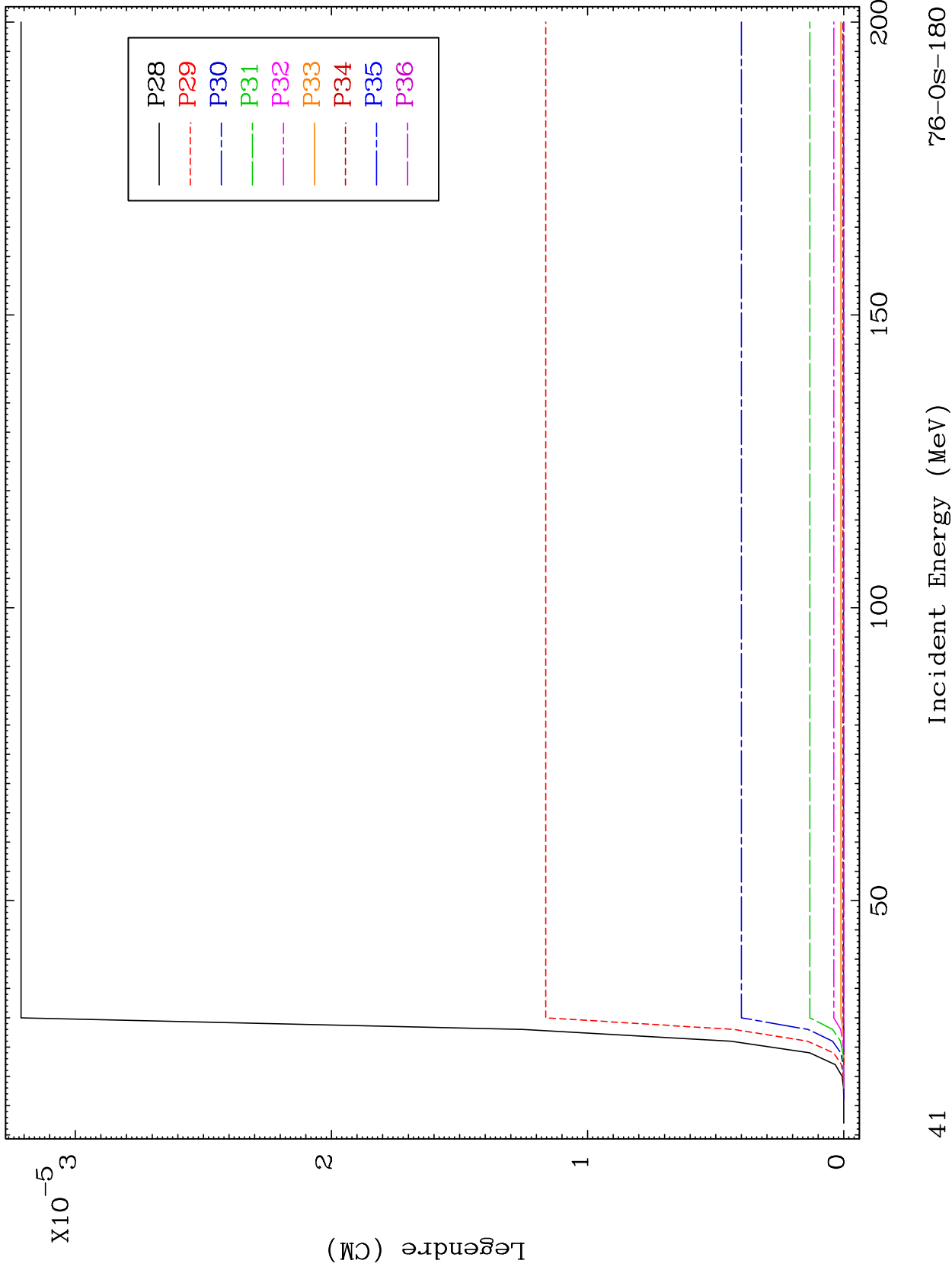


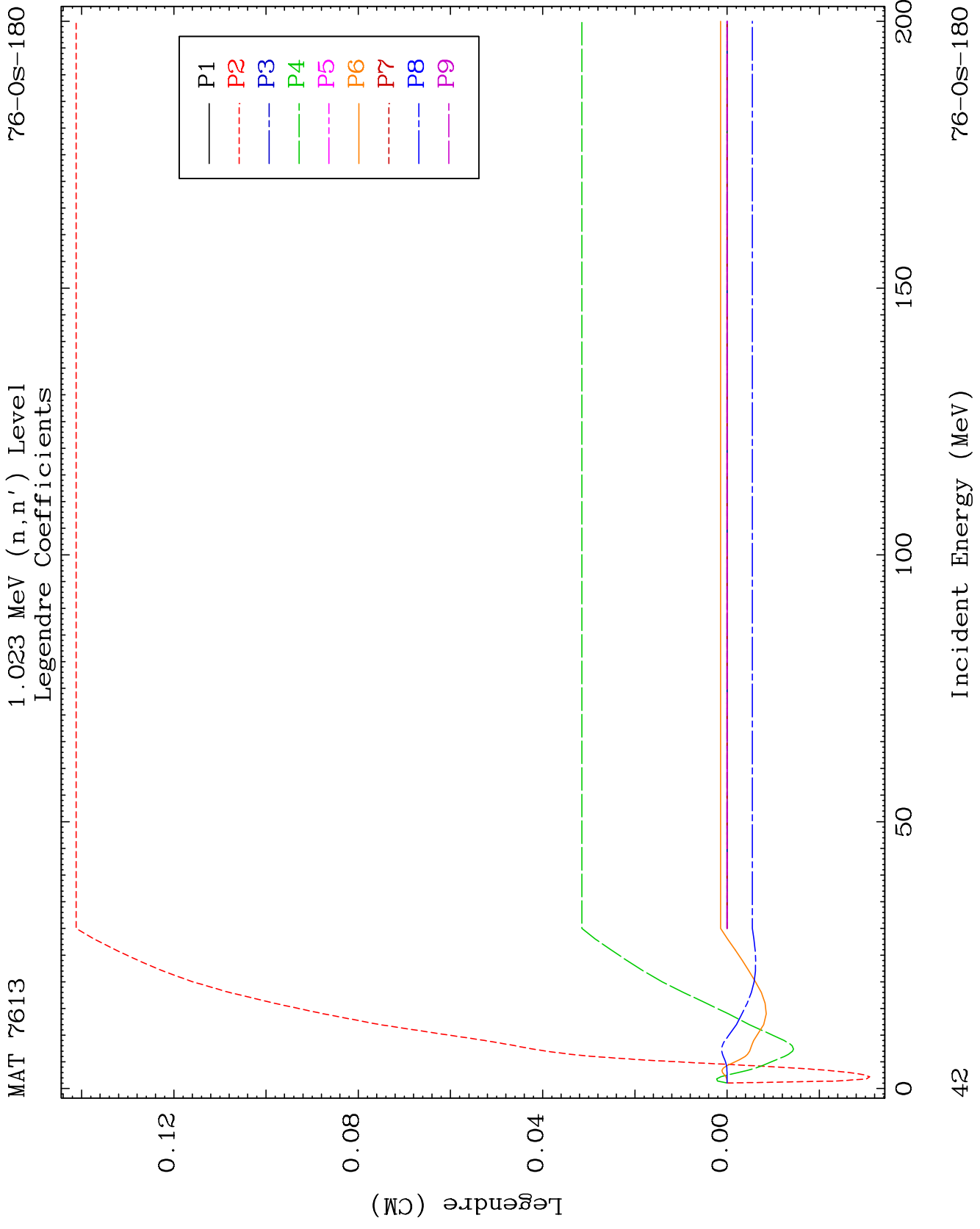


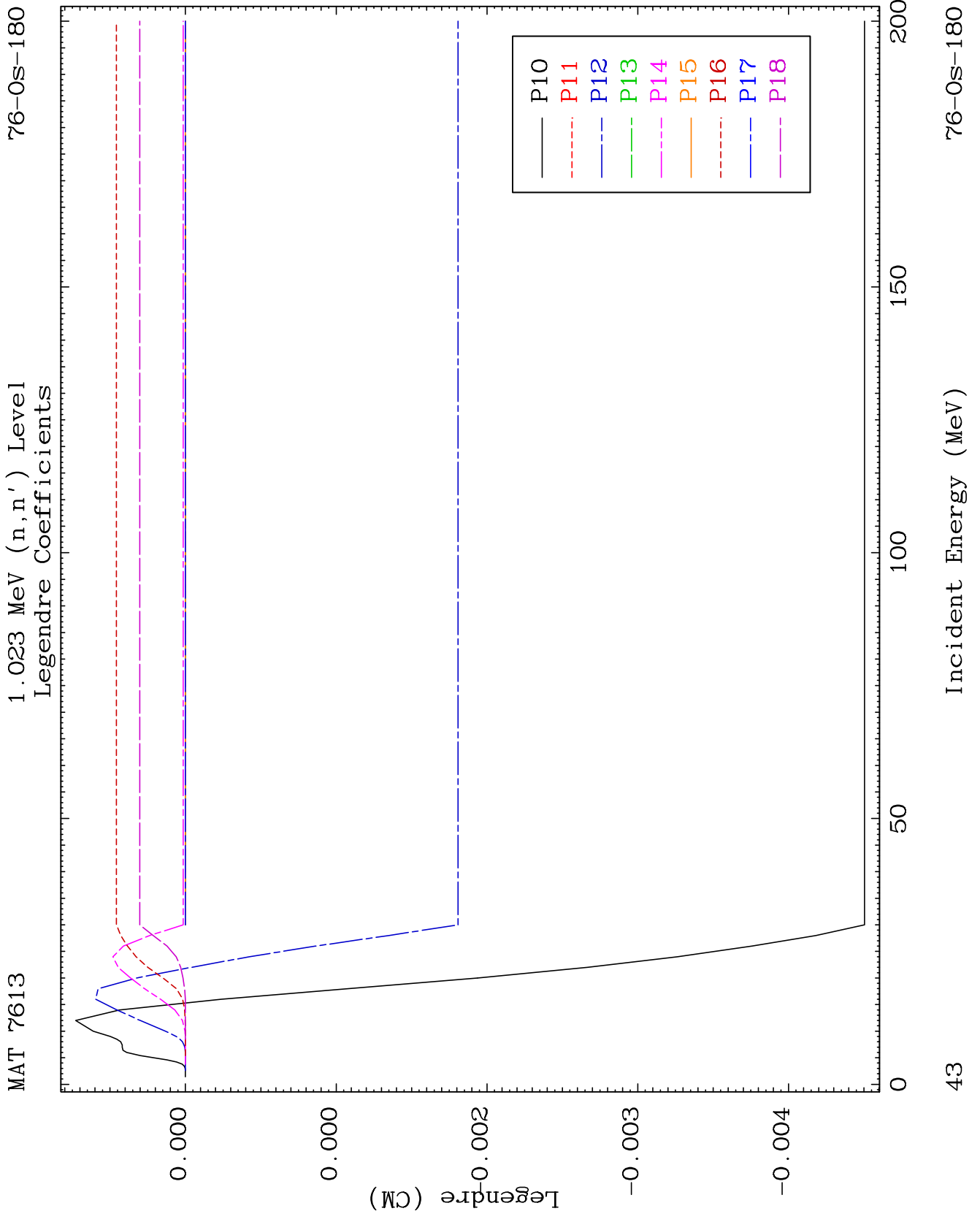
MAT 7613

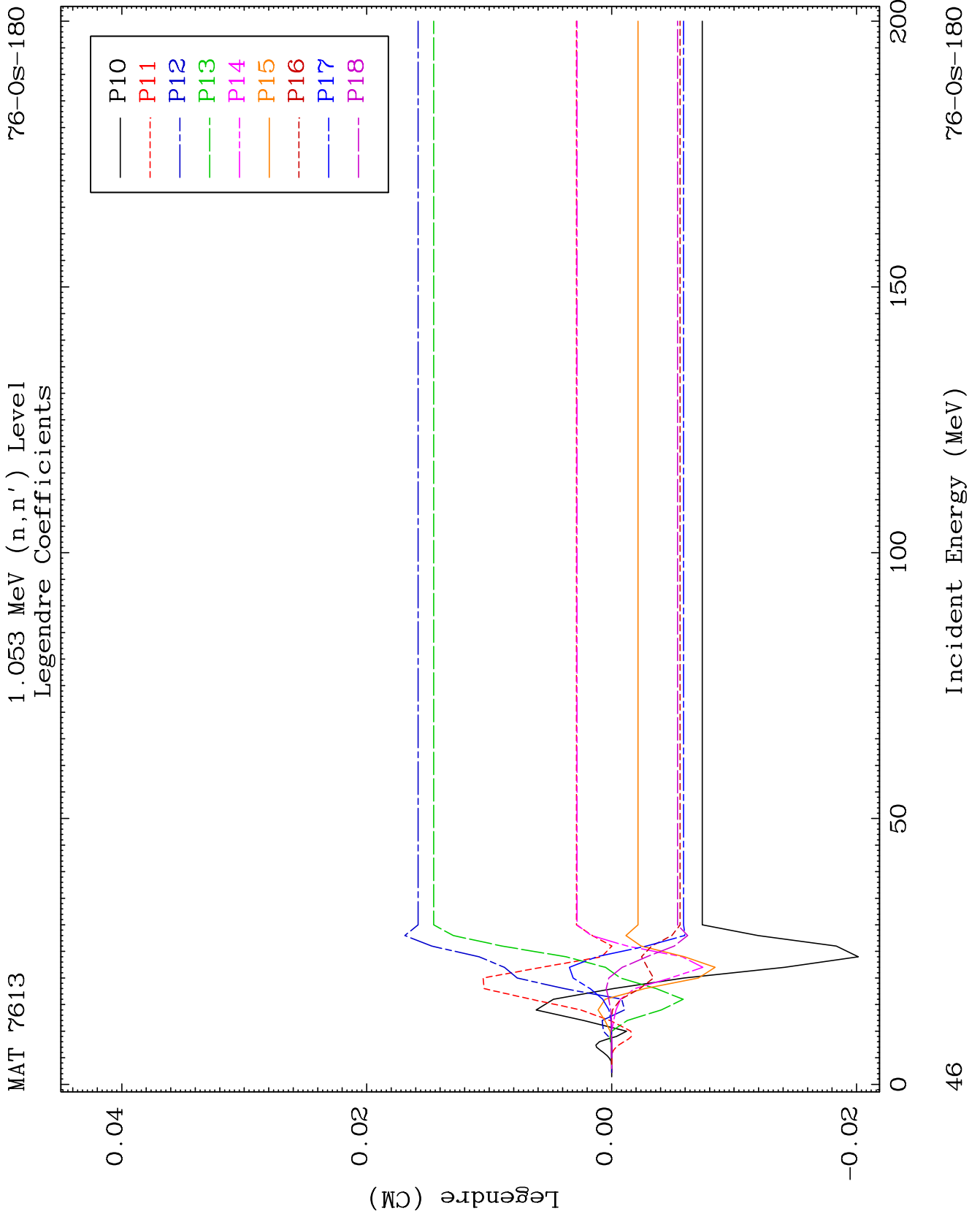
870.4 keV (n,n') Level
Legendre Coefficients

76-Os-180





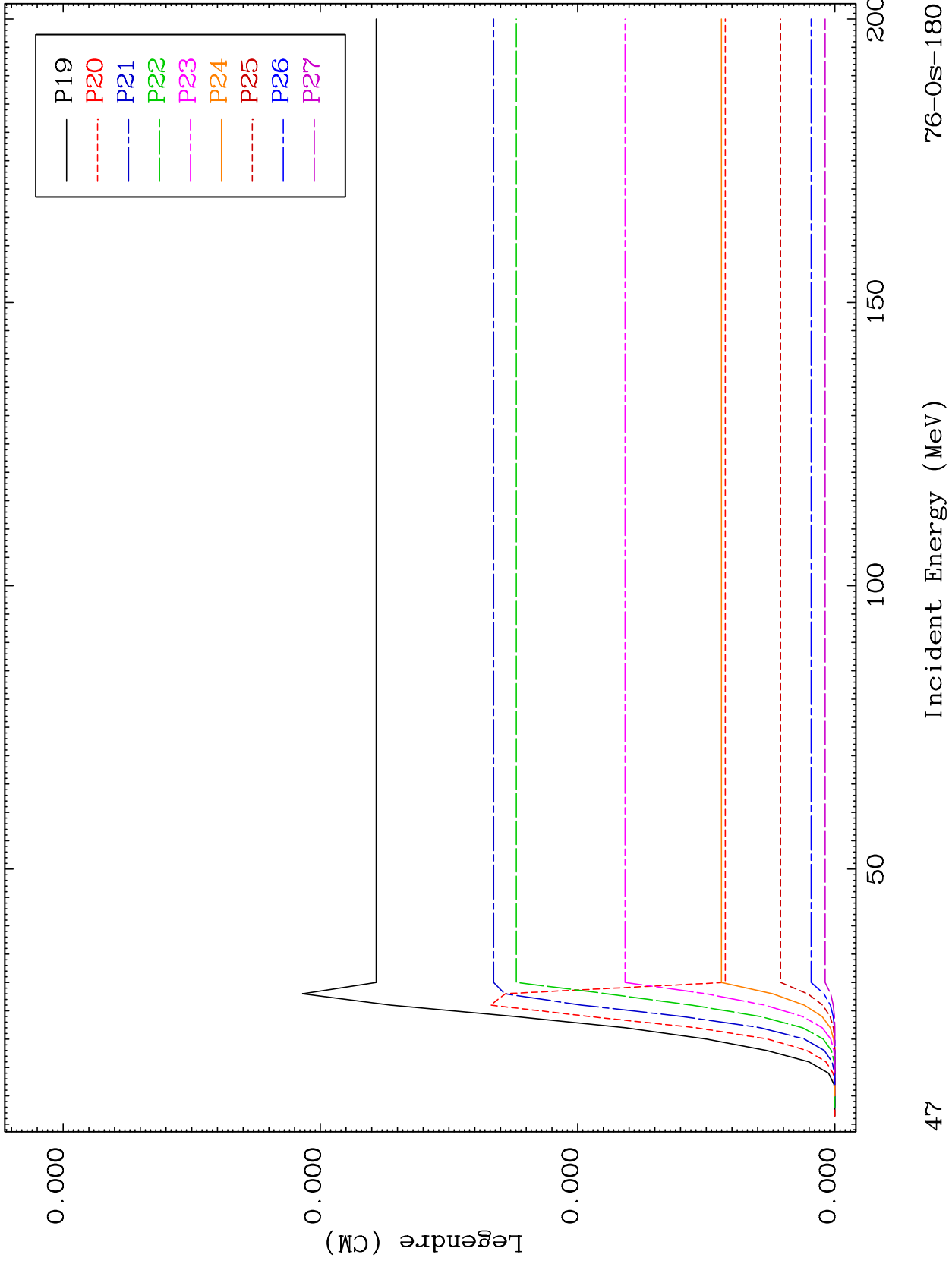


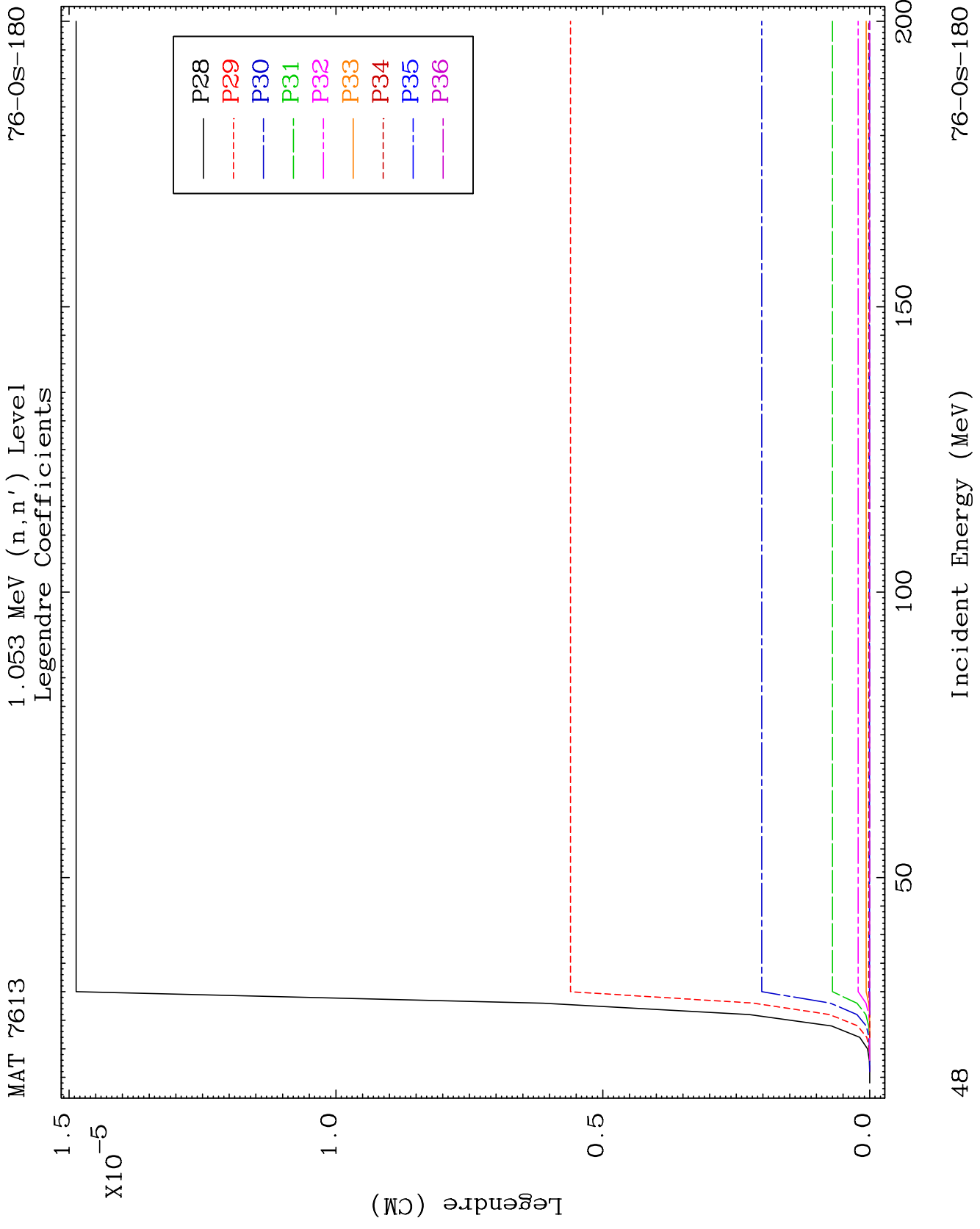


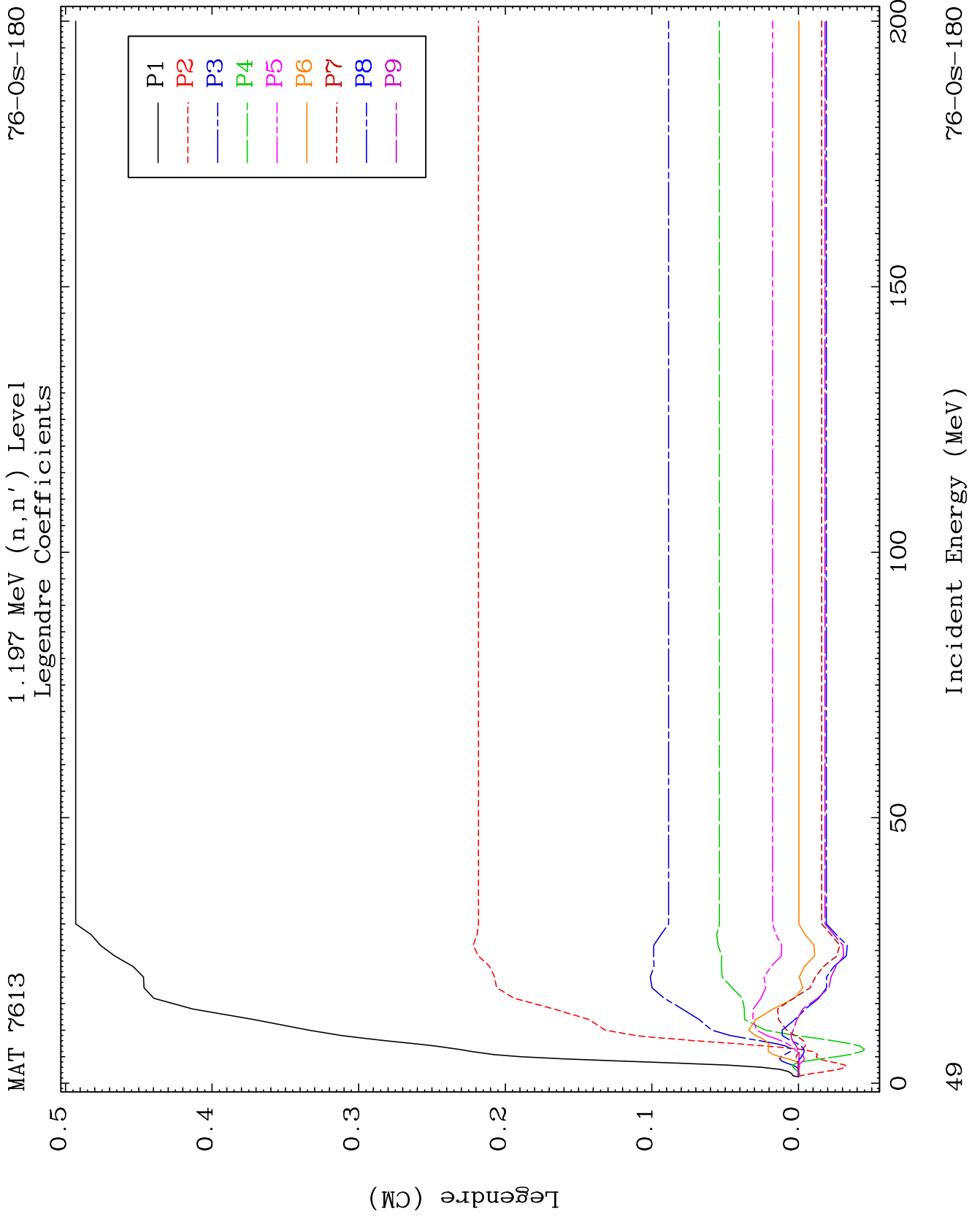
MAT 7613

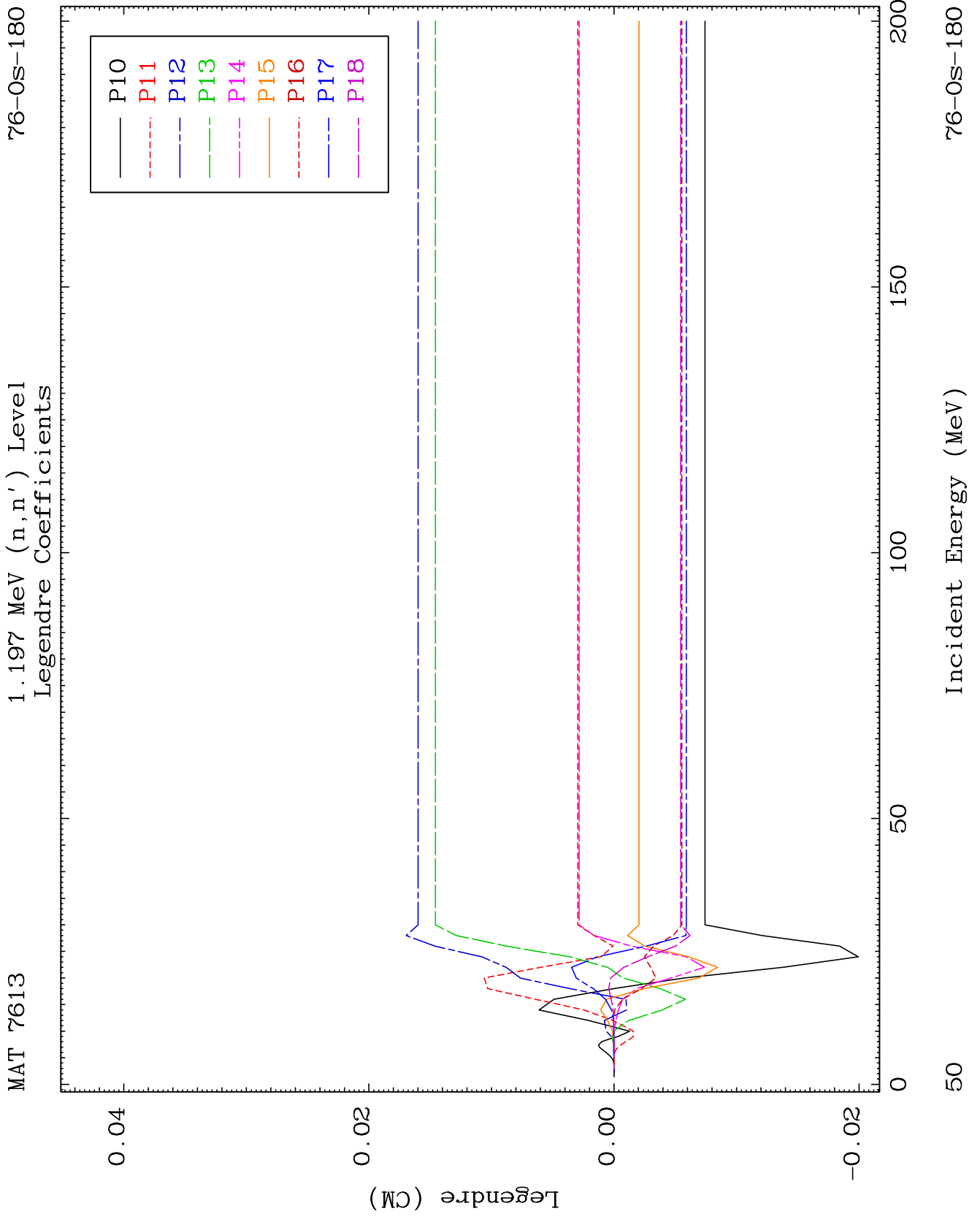
1.053 MeV (n,n') Level
Legendre Coefficients

76-Os-180





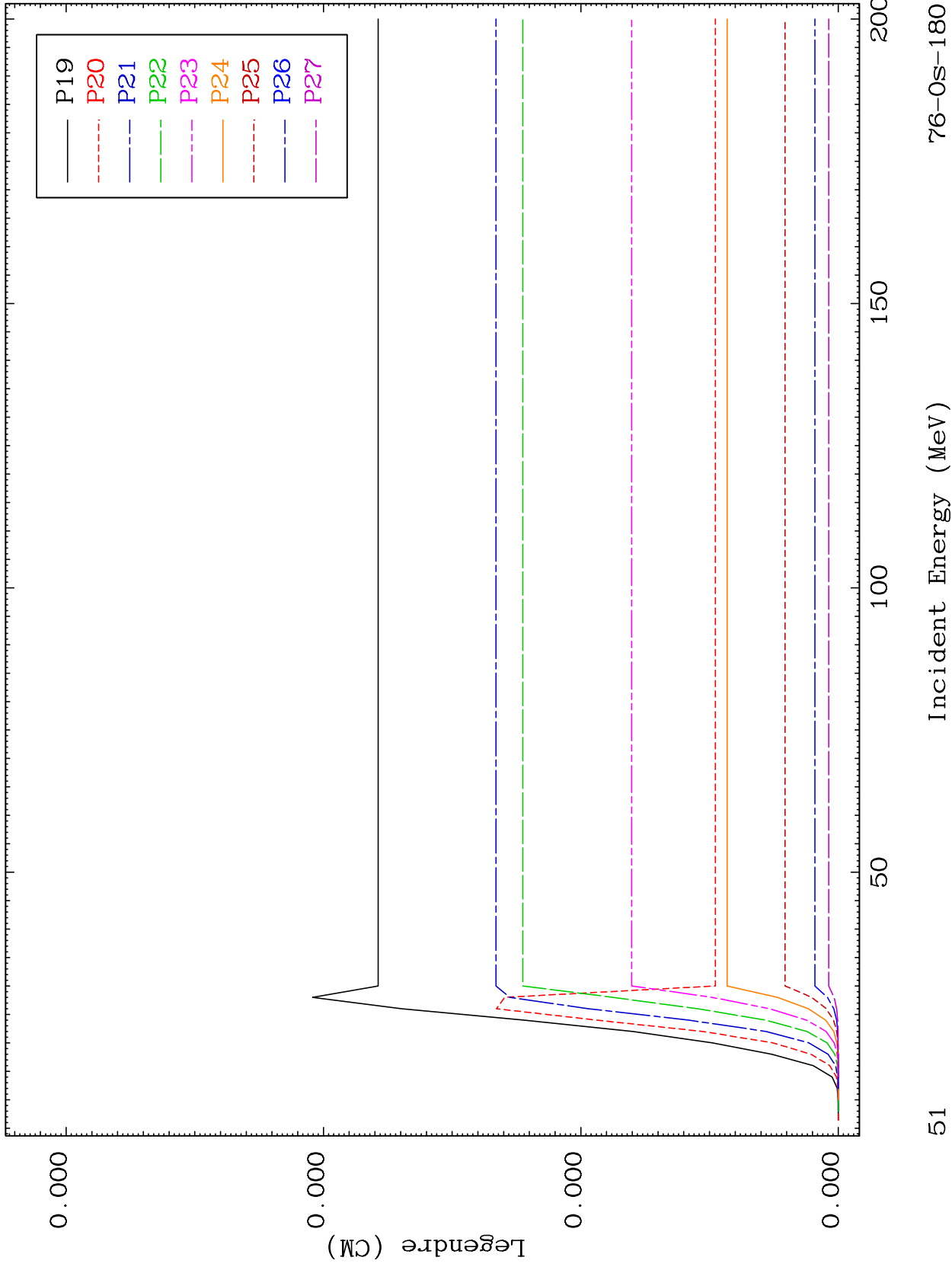




MAT 7613

1.197 MeV (n,n') Level
Legendre Coefficients

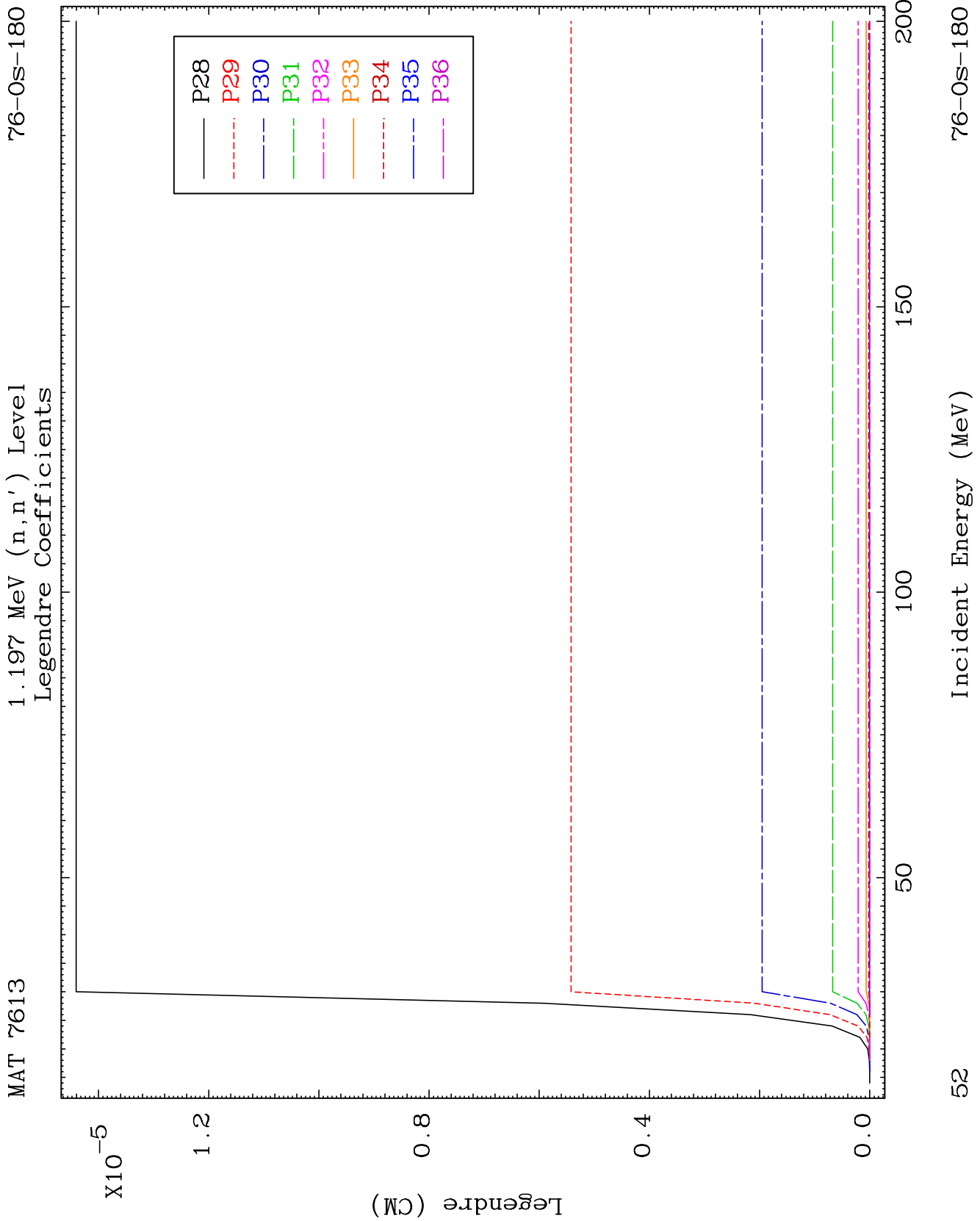
76-Os-180



51

Incident Energy (MeV)

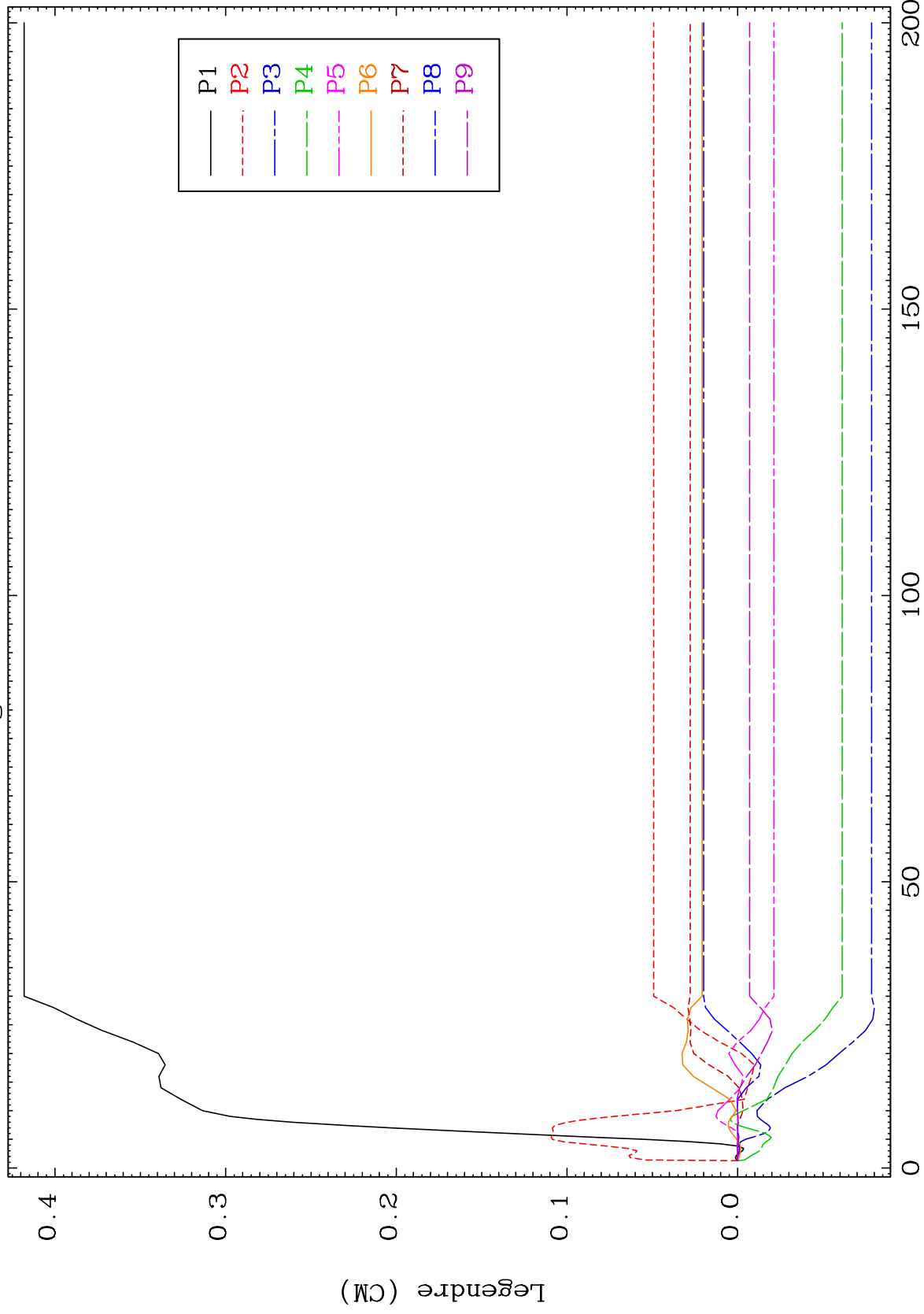
76-Os-180



MAT 7613

1.257 MeV (n,n') Level
Legendre Coefficients

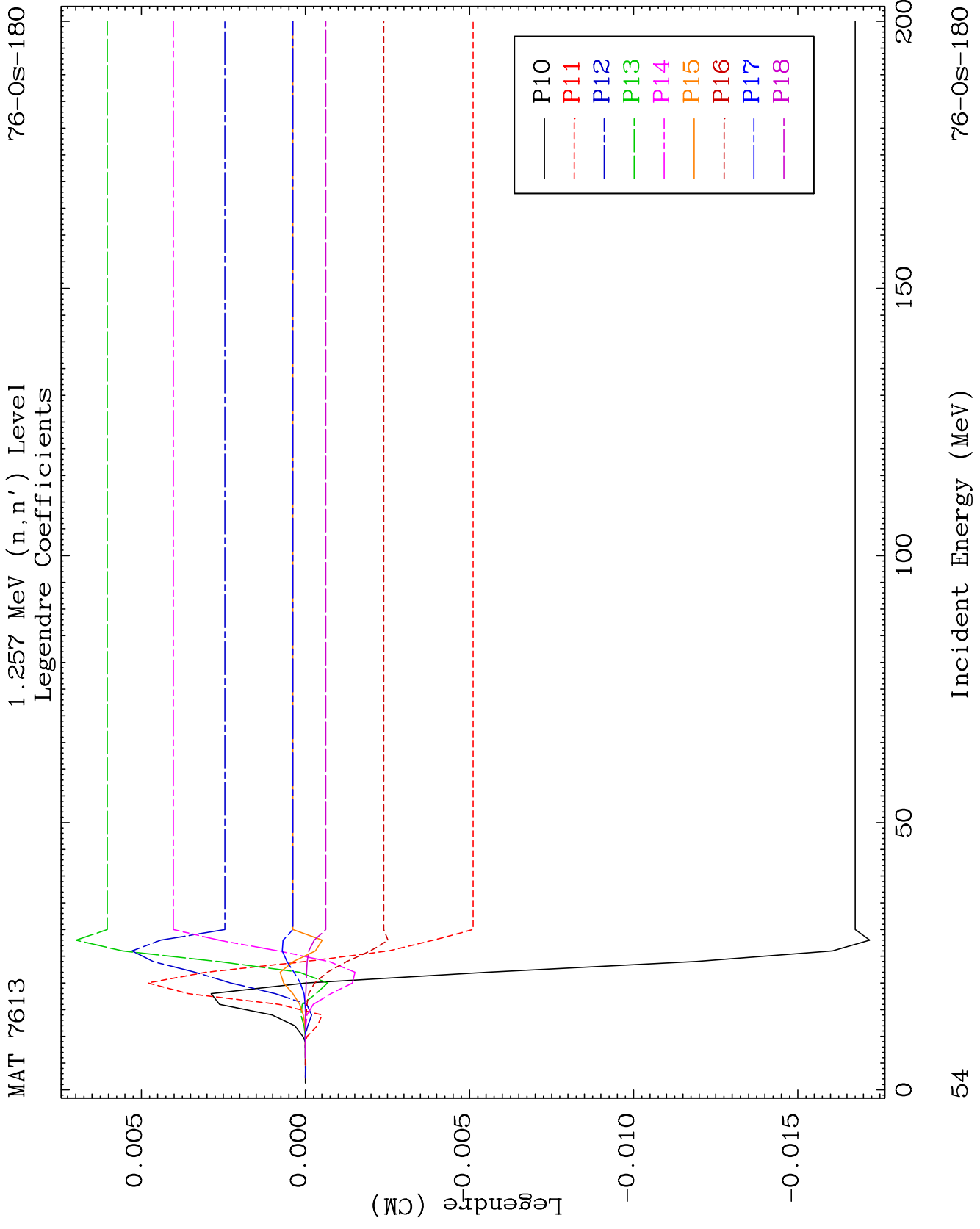
76-Os-180

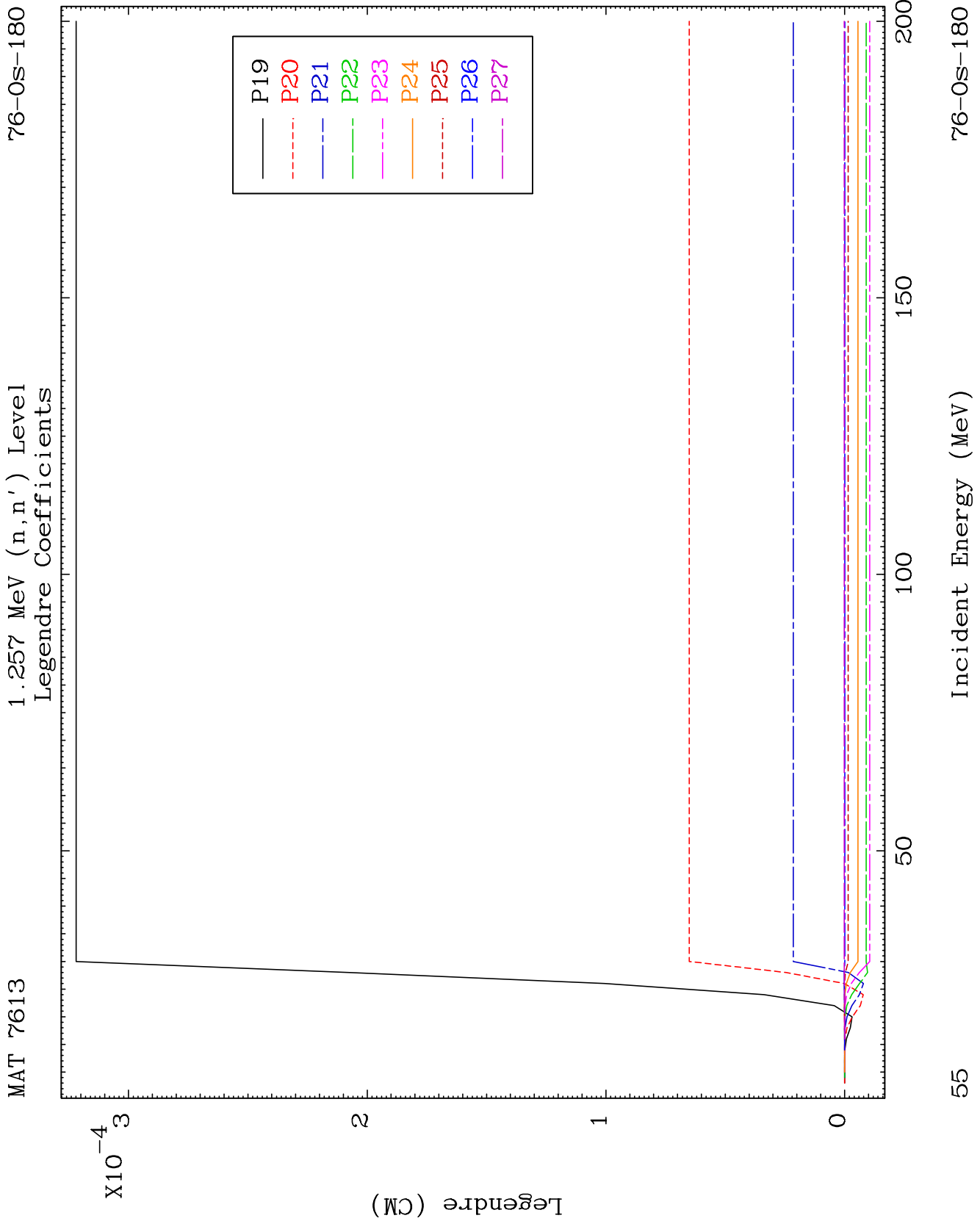


53

Incident Energy (MeV)

76-Os-180

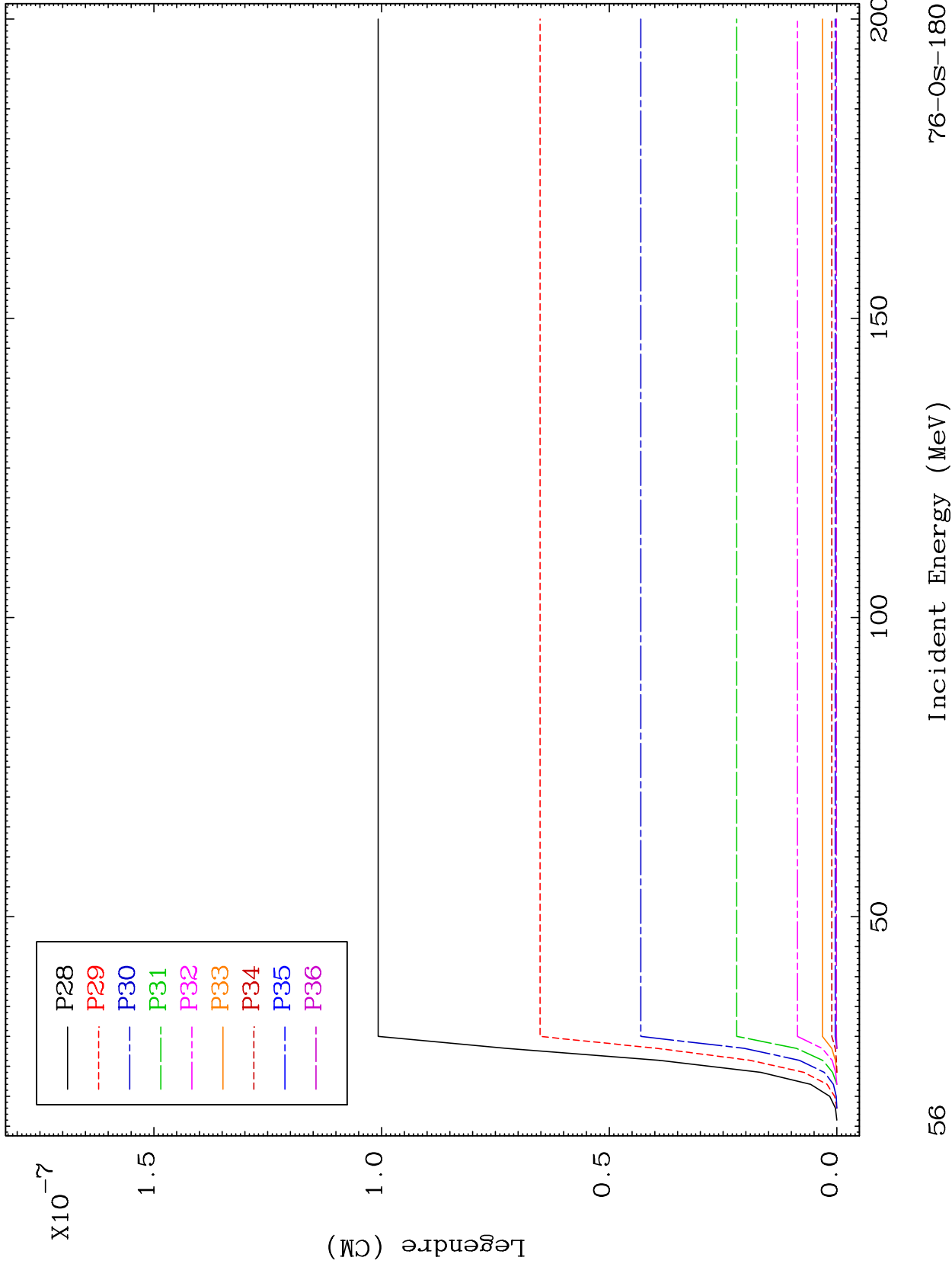




MAT 7613

1.257 MeV (n,n') Level
Legendre Coefficients

76-Os-180



56

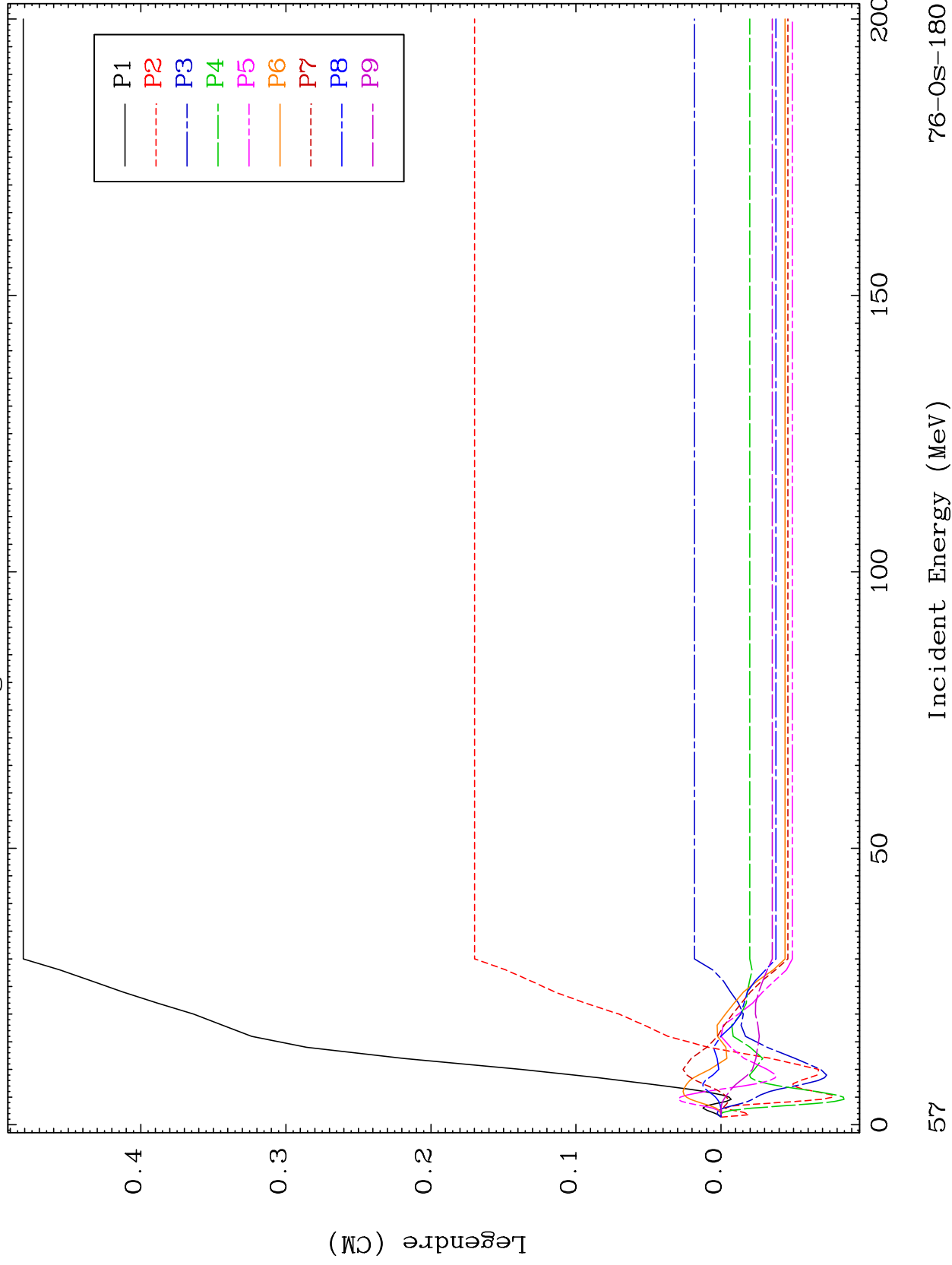
Incident Energy (MeV)

76-Os-180

MAT 7613

1.375 MeV (n,n') Level
Legendre Coefficients

76-Os-180



76-Os-180

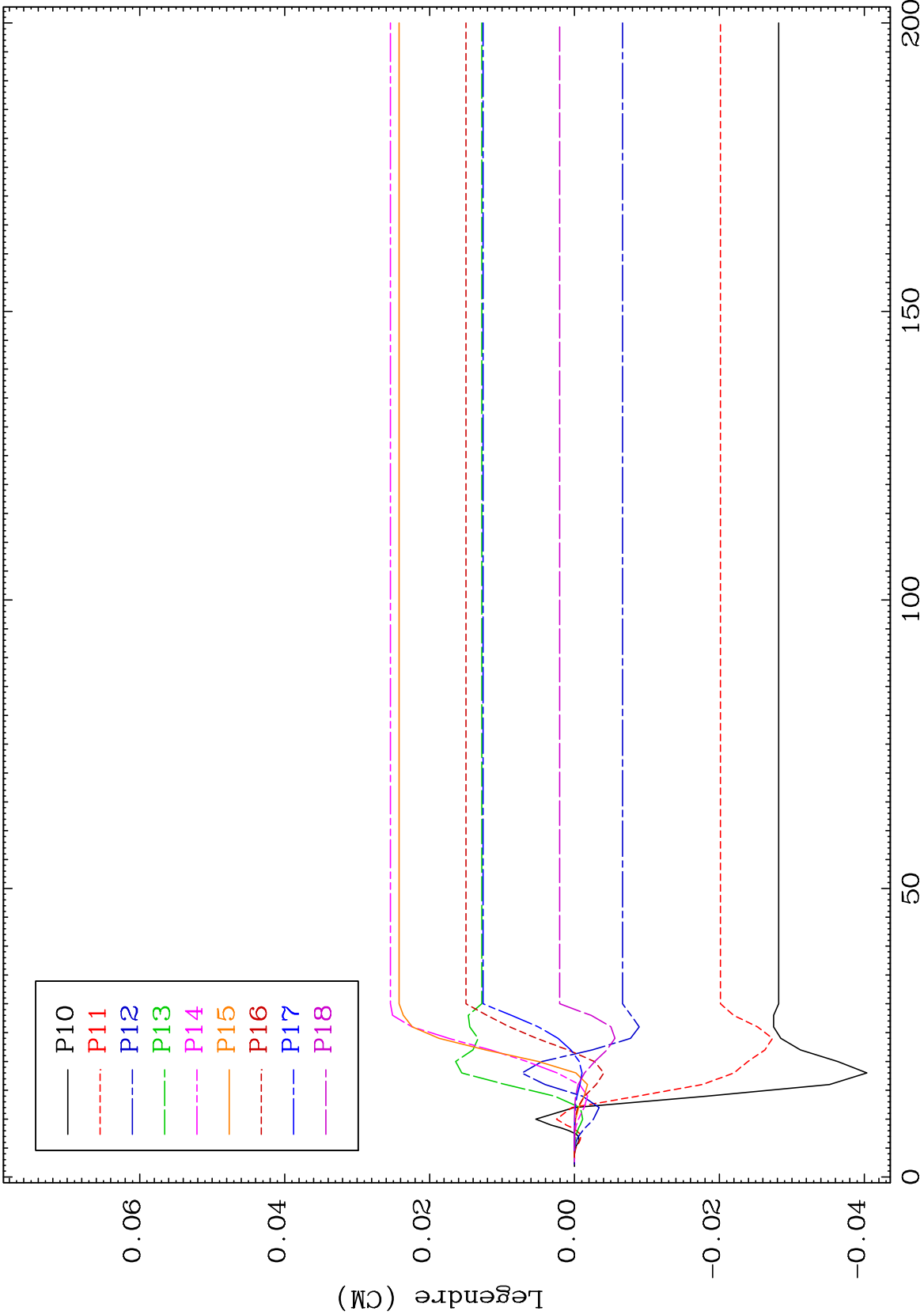
Incident Energy (MeV)

57

MAT 7613

1.375 MeV (n,n') Level
Legendre Coefficients

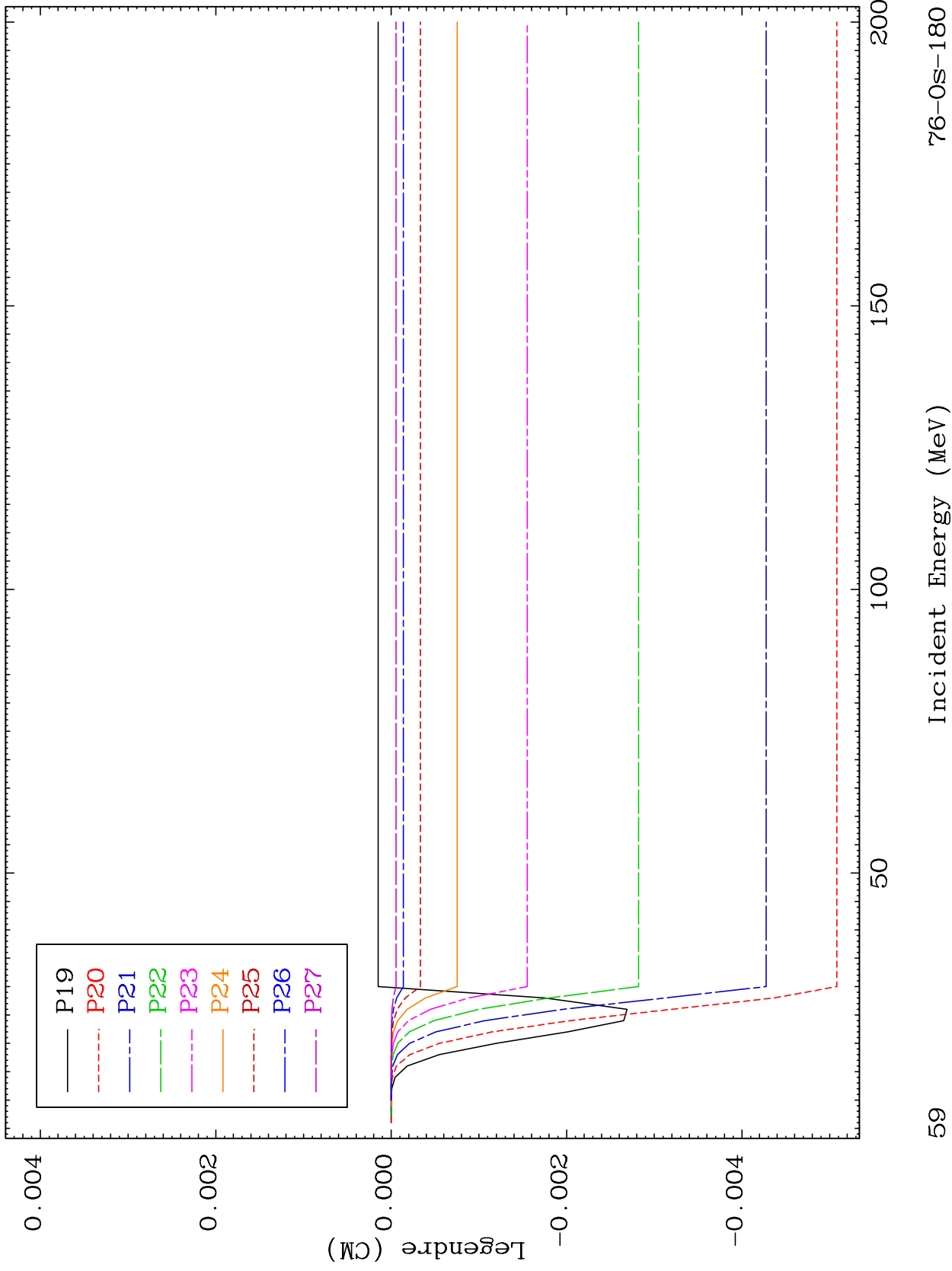
76-Os-180

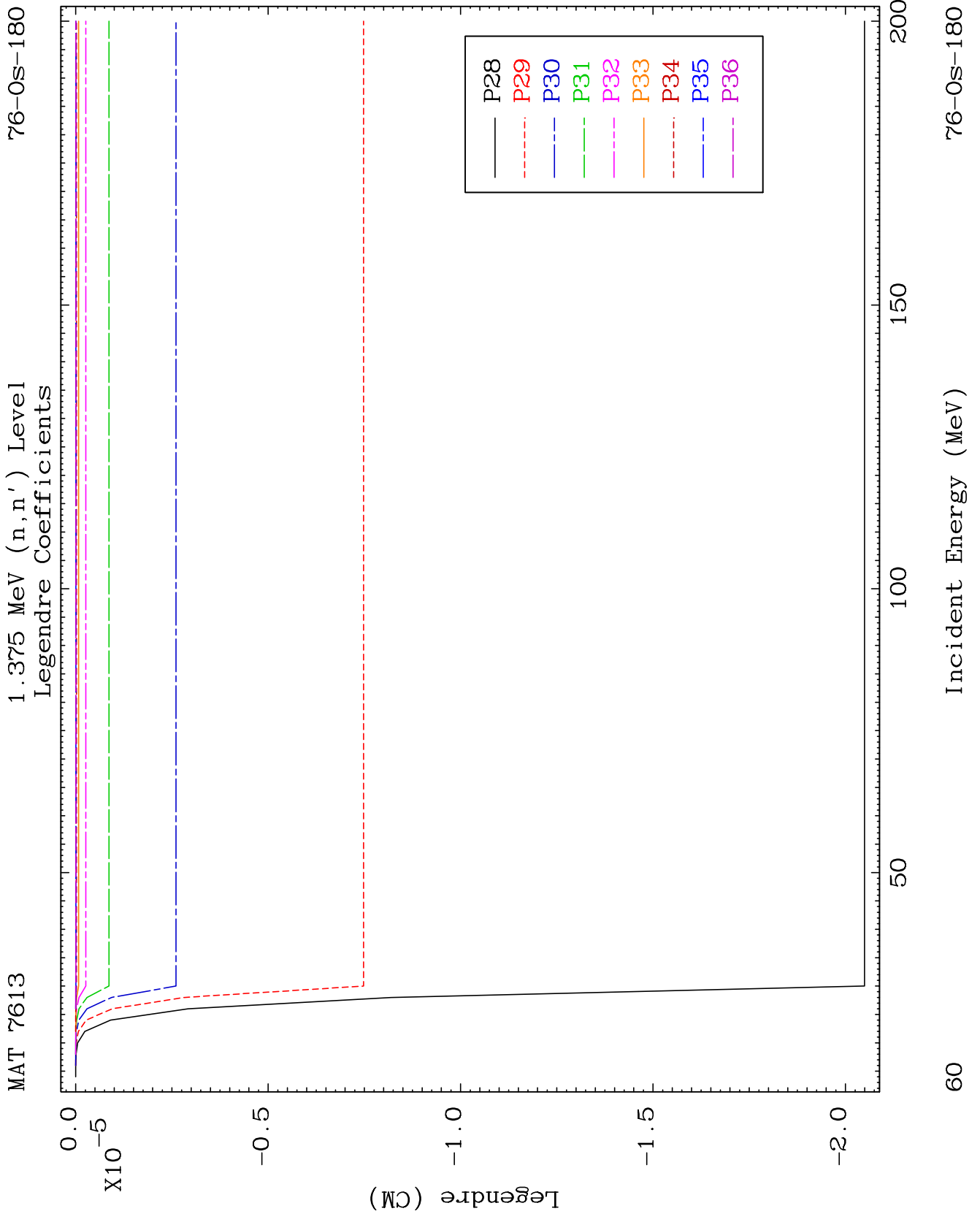


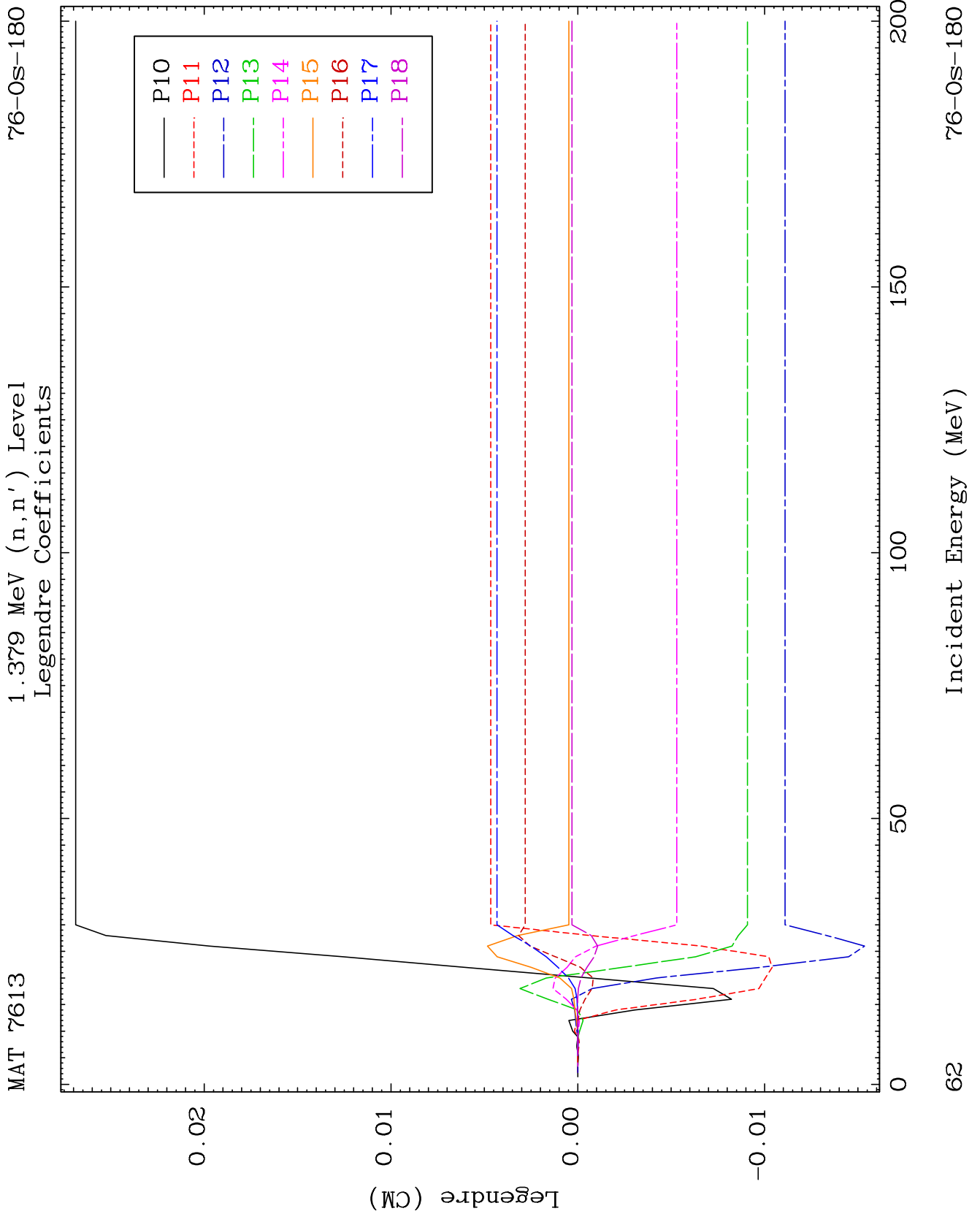
58

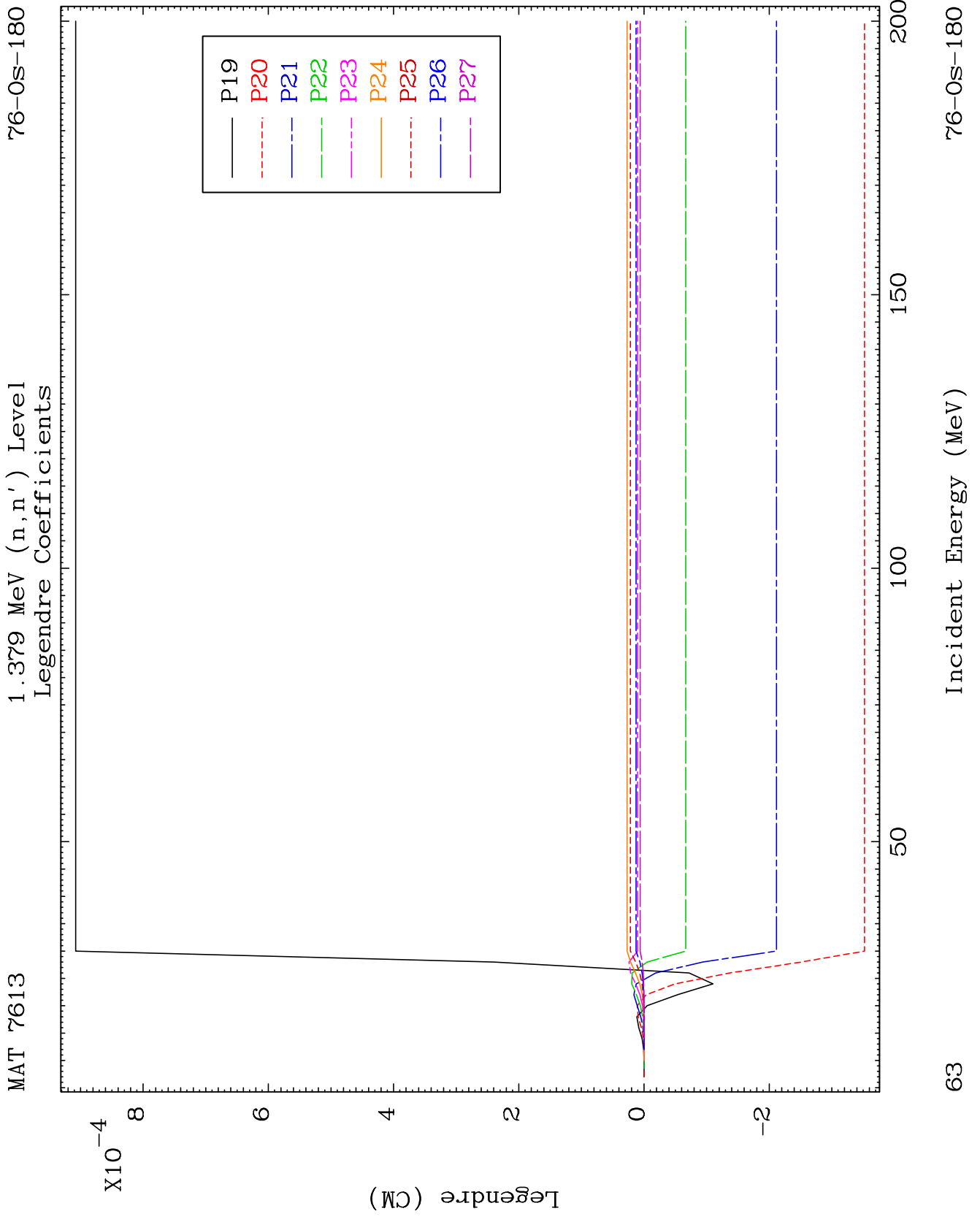
Incident Energy (MeV)

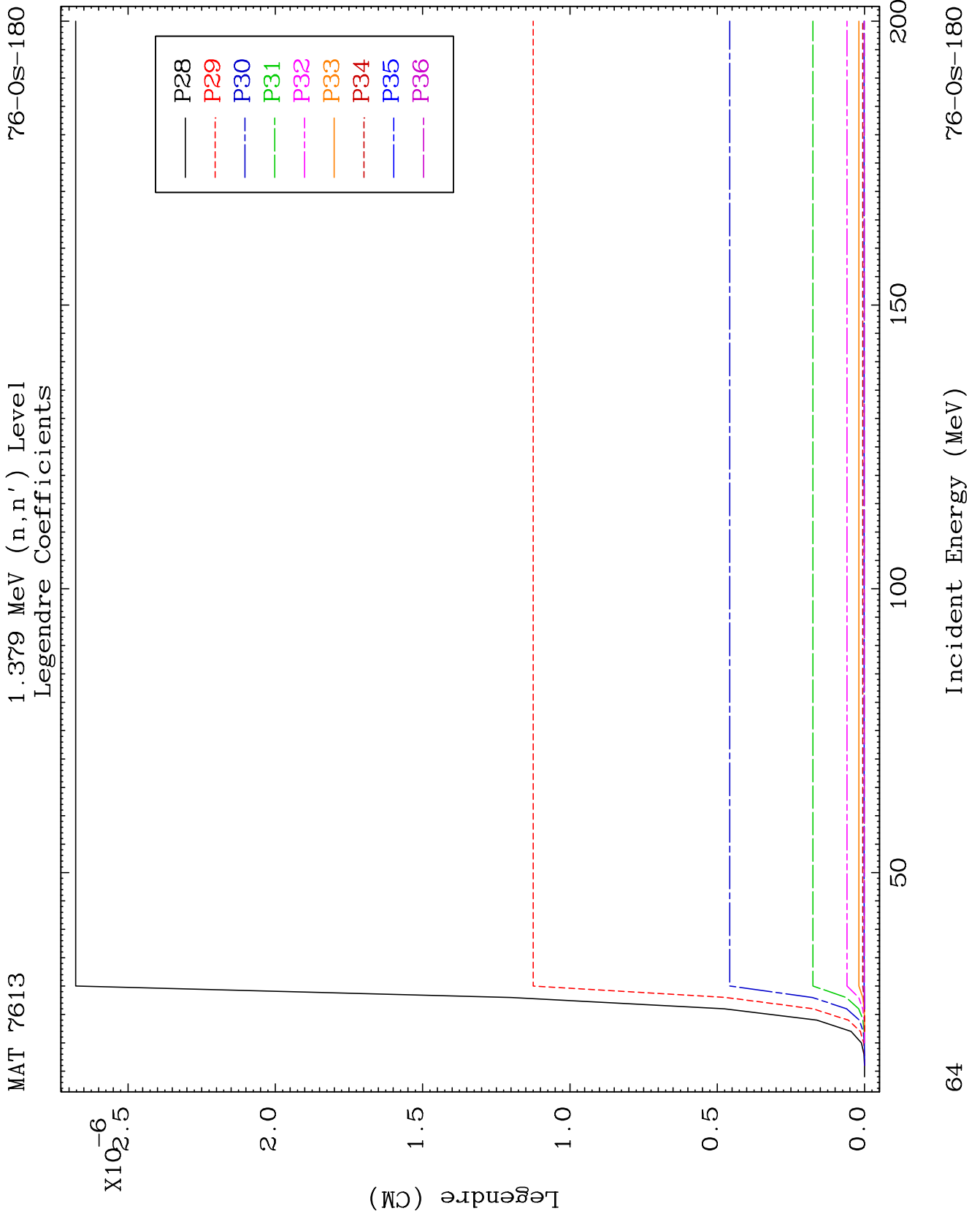
76-Os-180

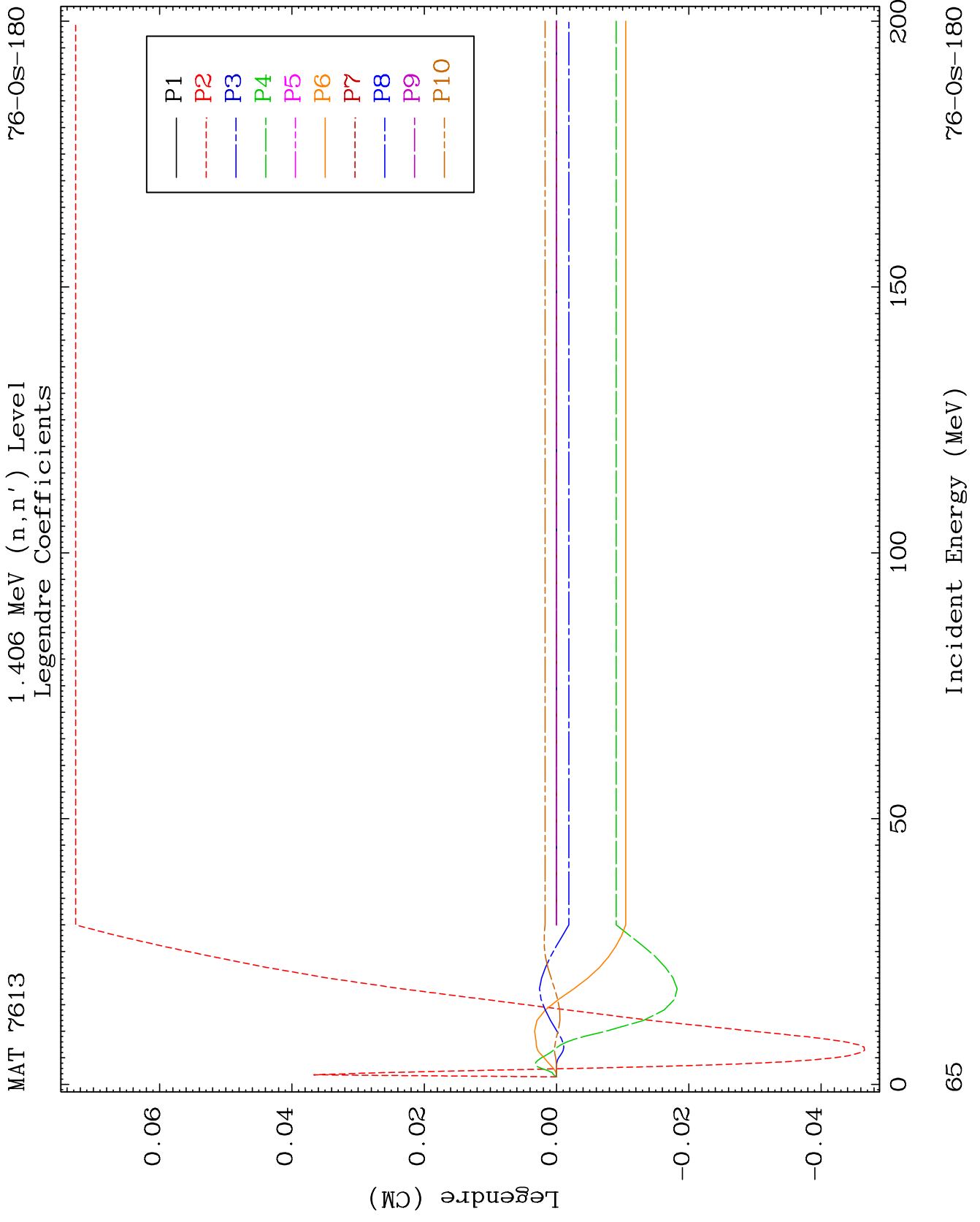


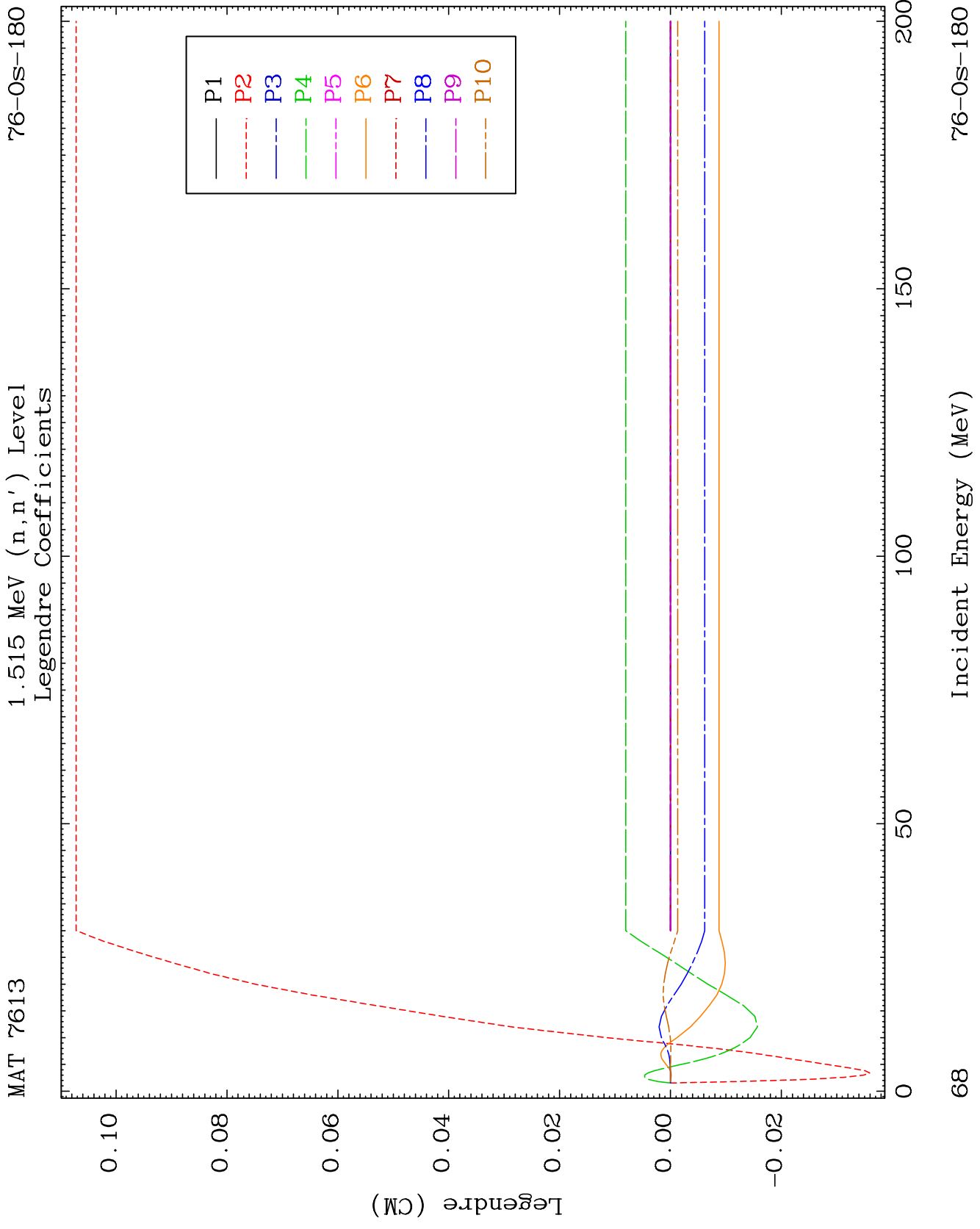


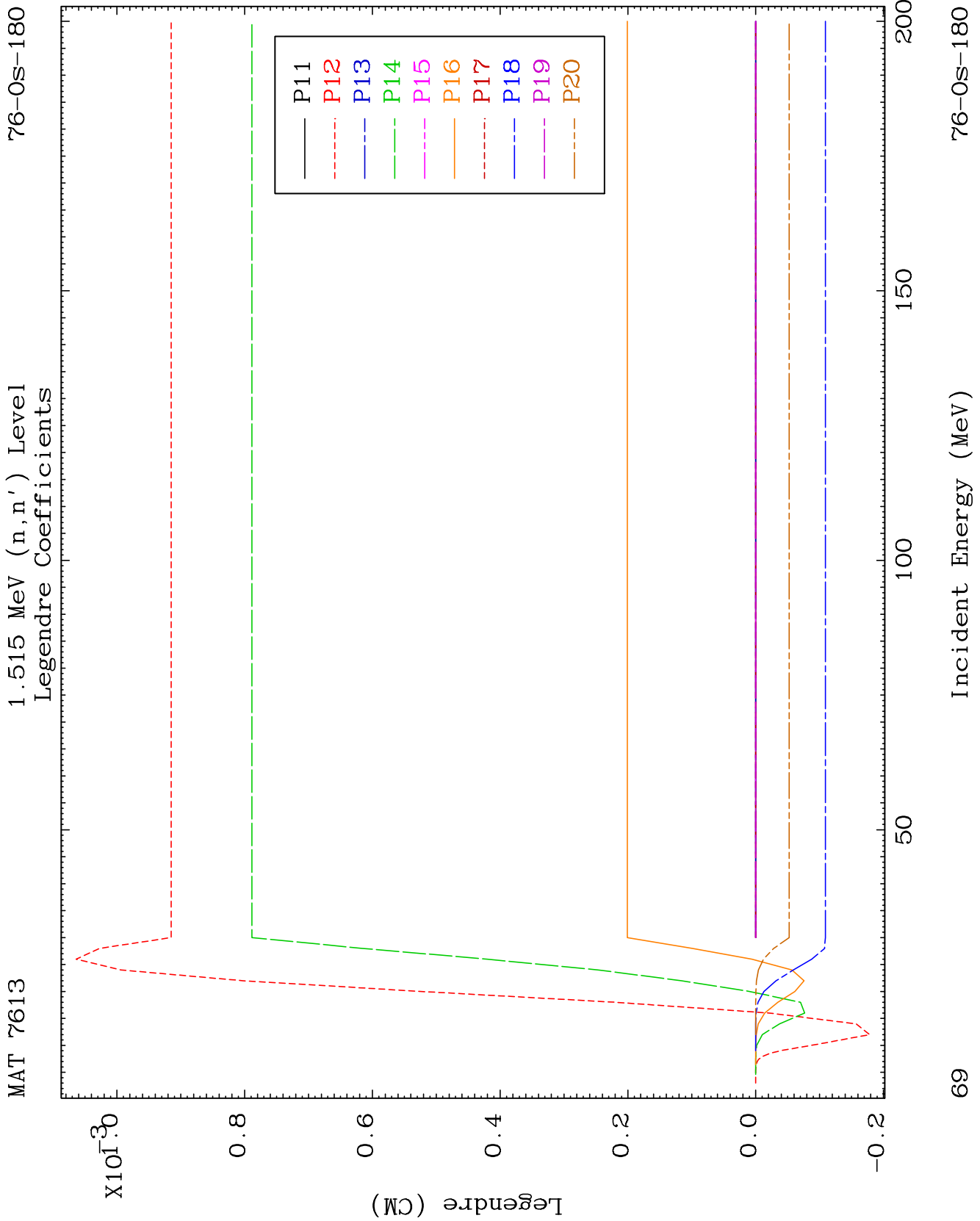


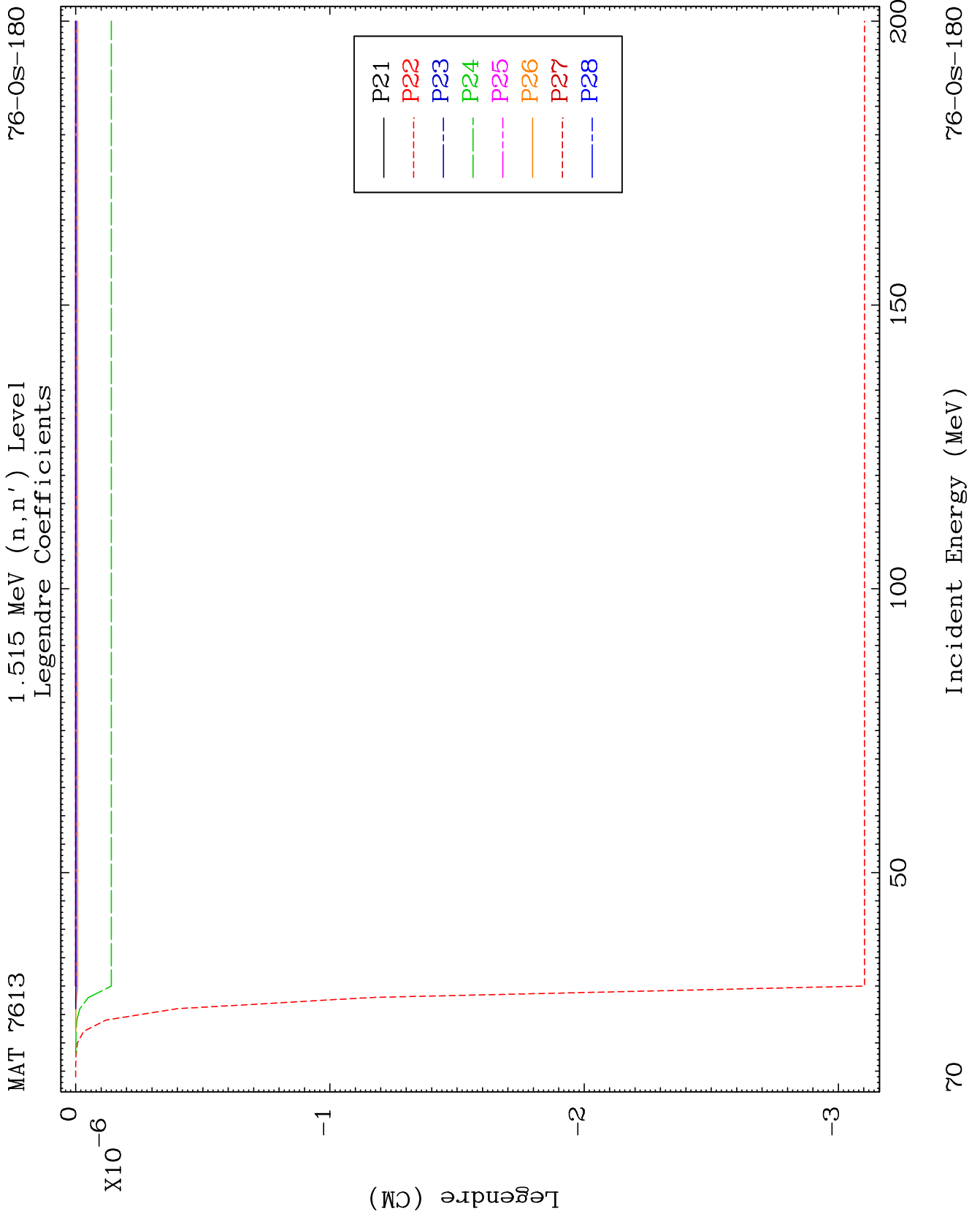


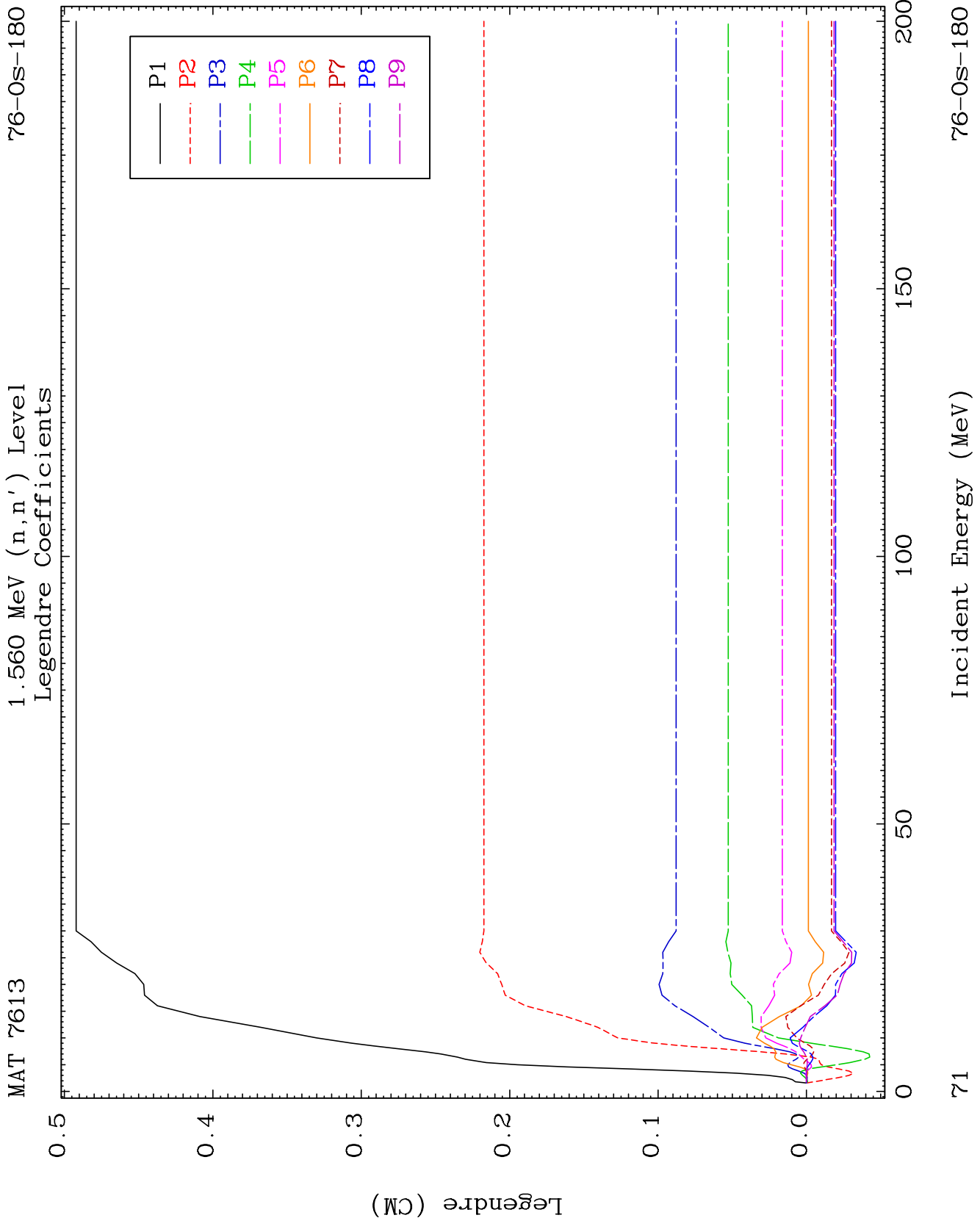


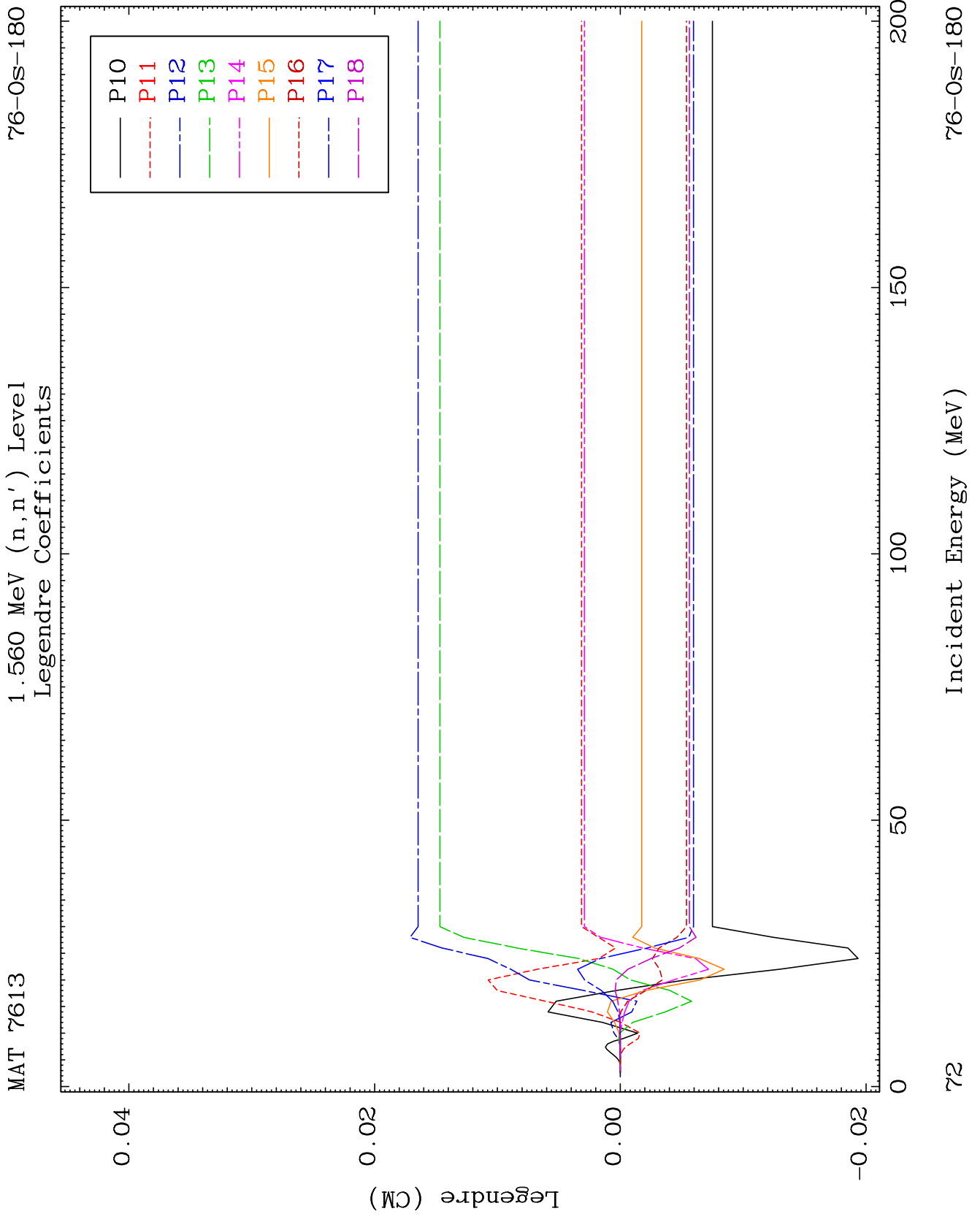


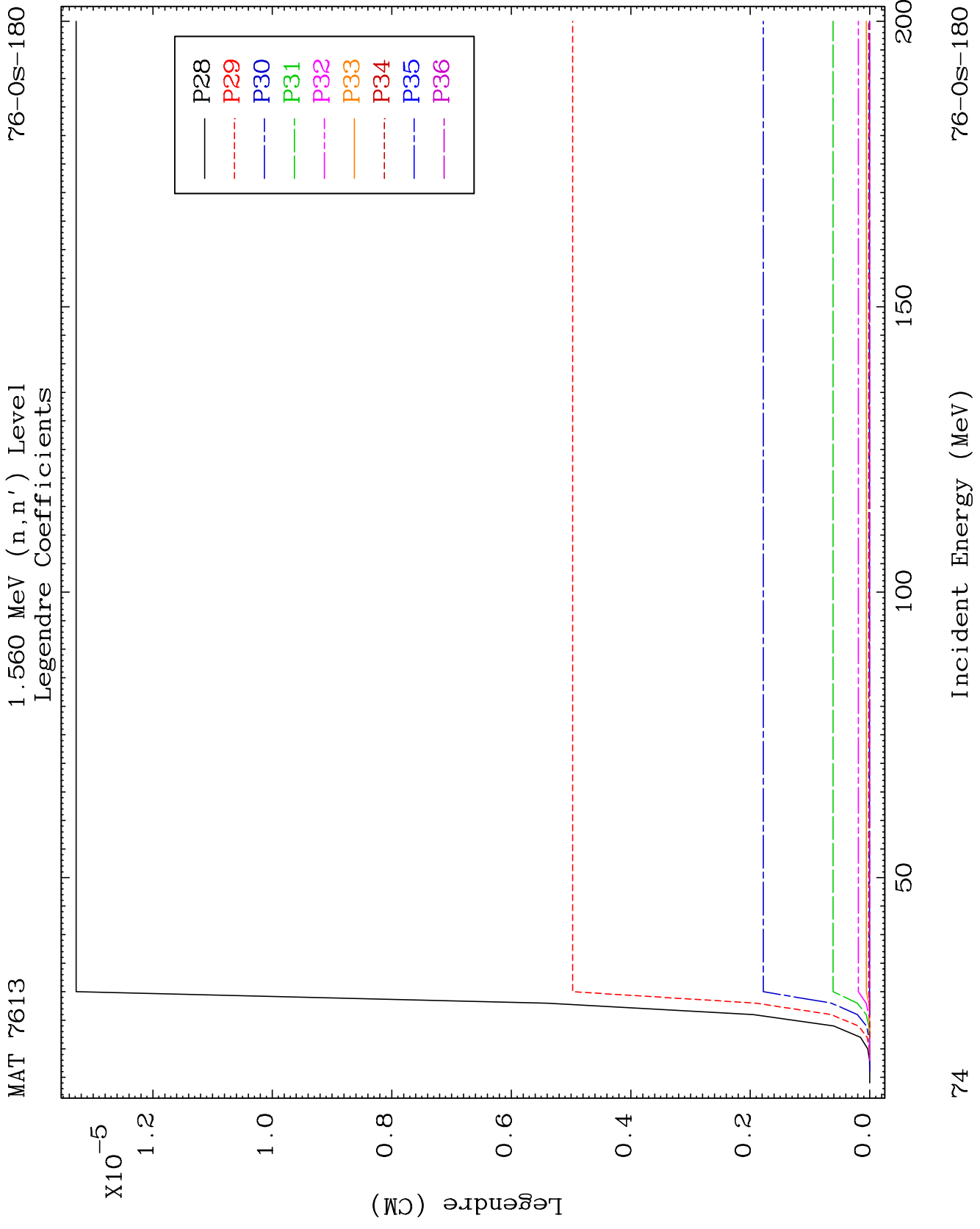










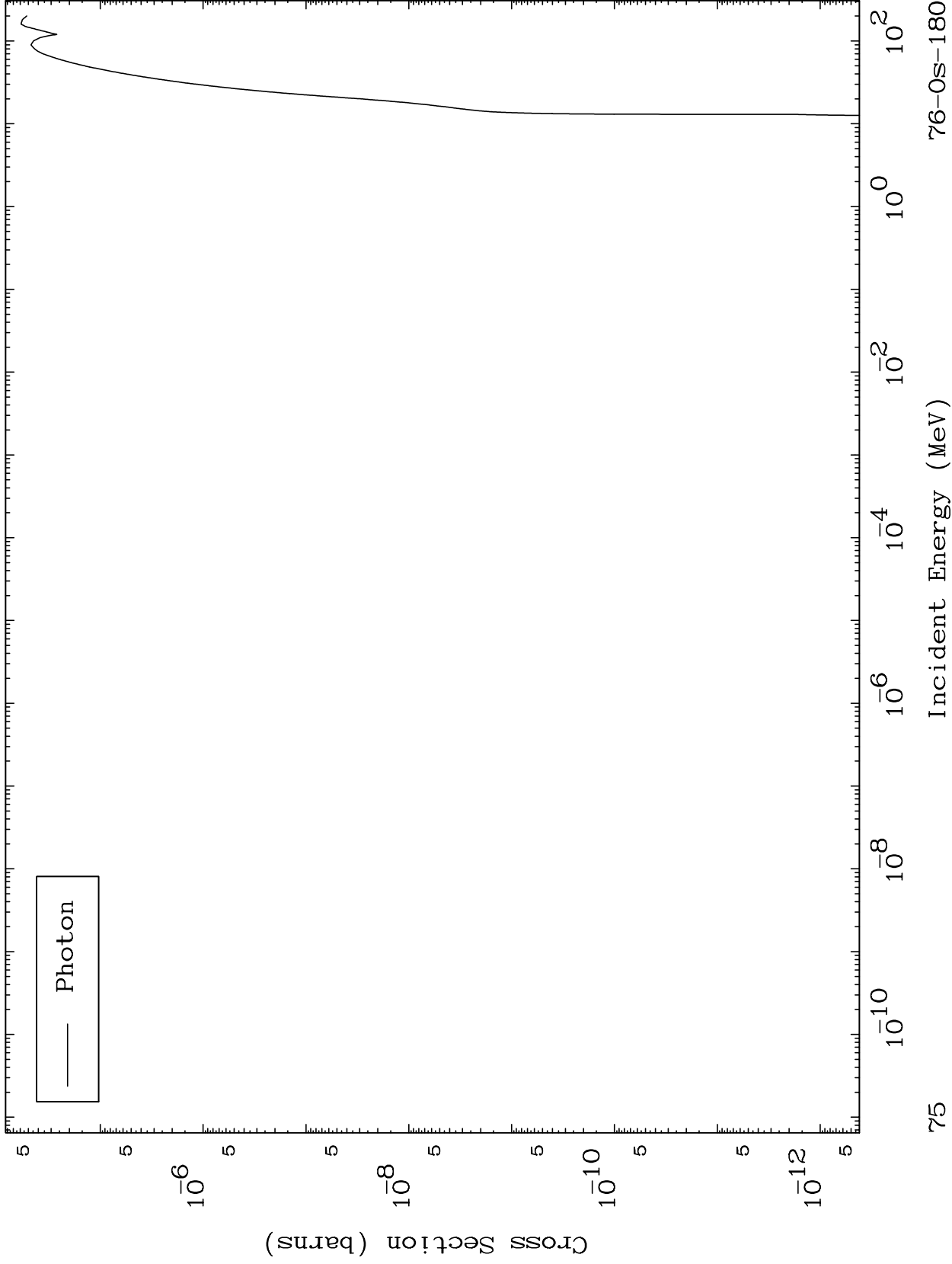


MAT 7613

Fission

76-Os-180

Radionuclide Production Cross Section



75

Incident Energy (MeV)

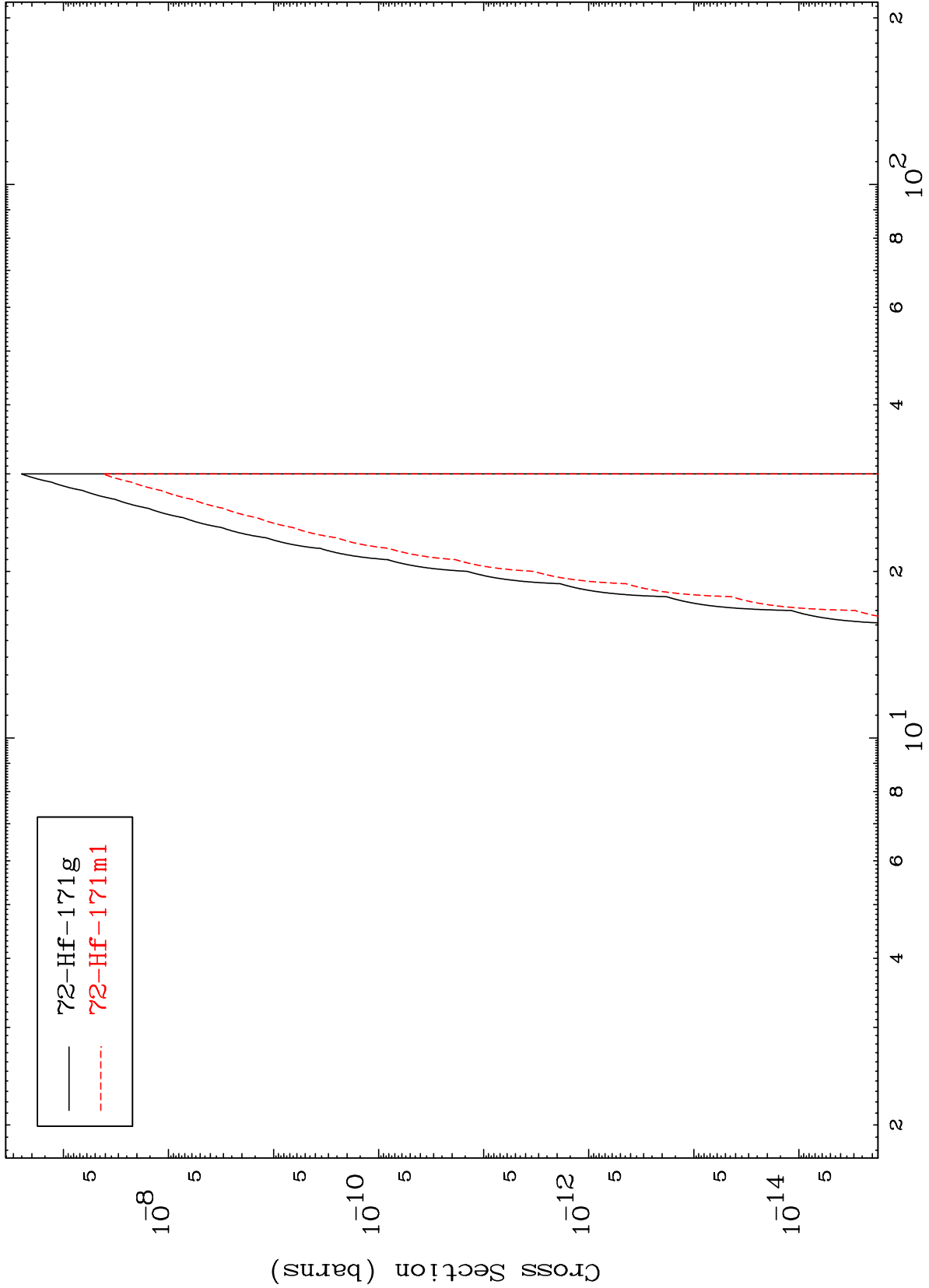
76-Os-180

MAT 7613

^{76}Os 2α

^{76}Os -180

Radionuclide Production Cross Section



76

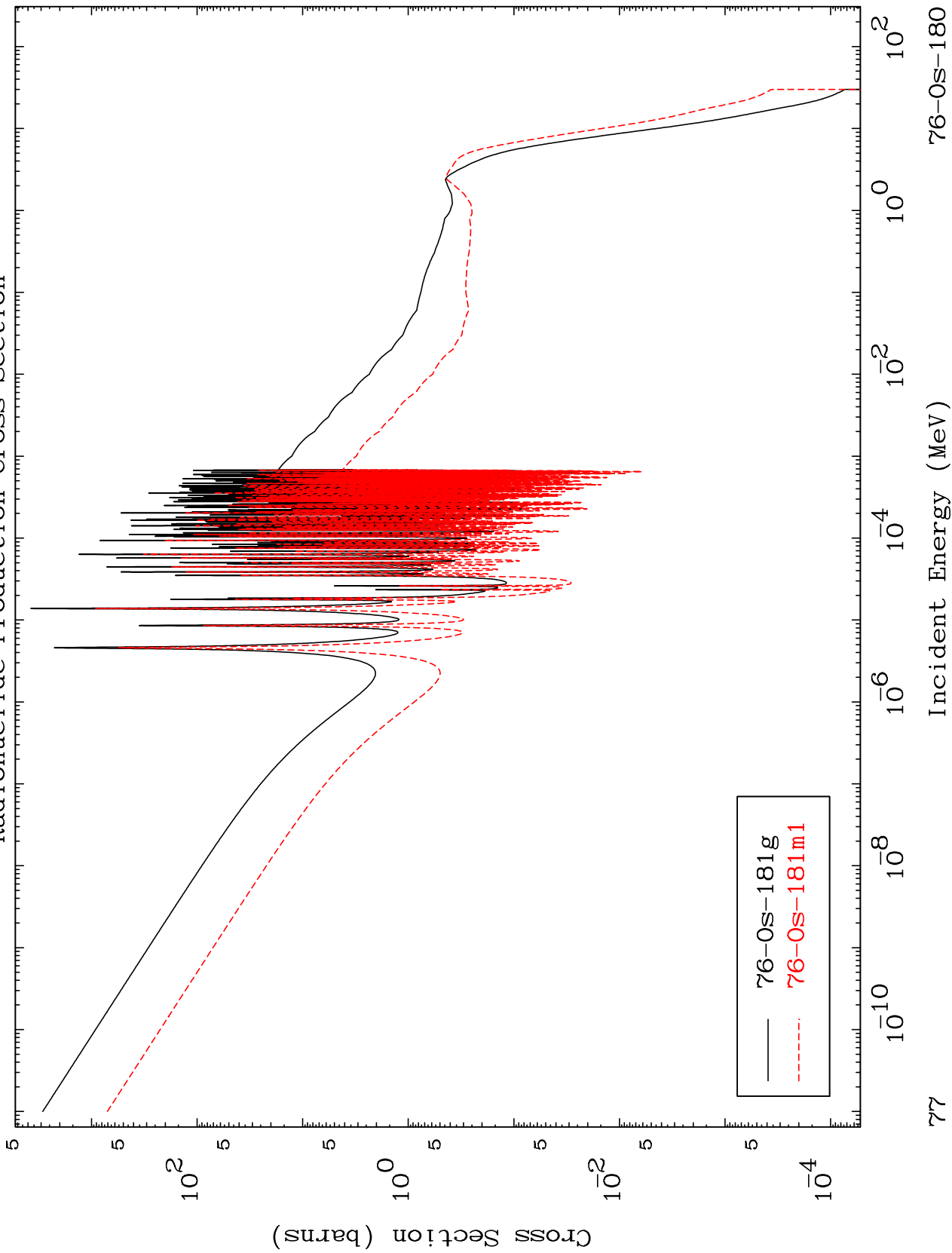
Incident Energy (MeV)

^{76}Os -180

MAT 7613

76-Os-180

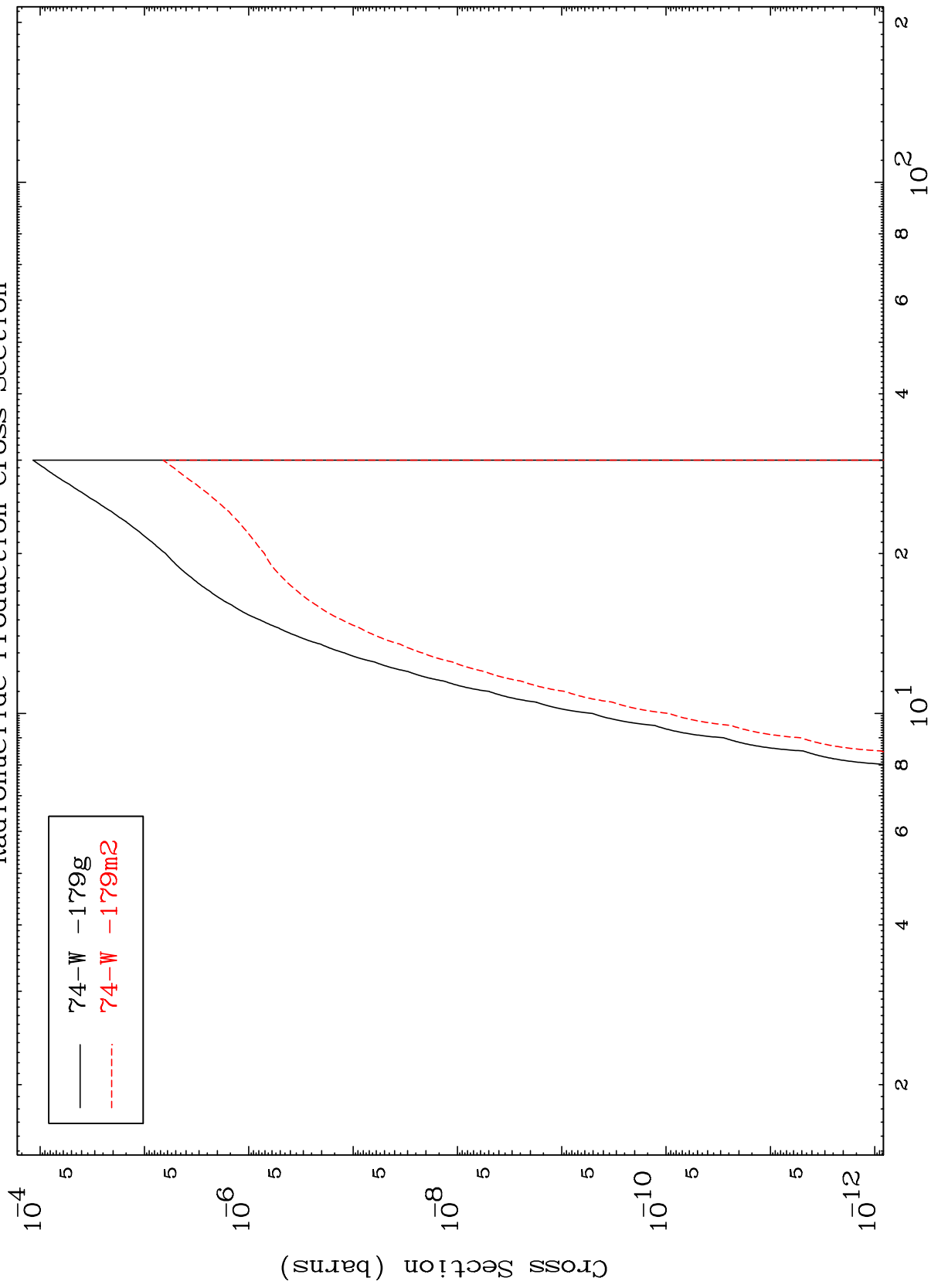
(n,γ)
Radionuclide Production Cross Section



MAT 7613

76-Os-180

(n,2p)
Radionuclide Production Cross Section



78

Incident Energy (MeV)

76-Os-180