

Program EVALPLOT
(Version 2015-2)

by

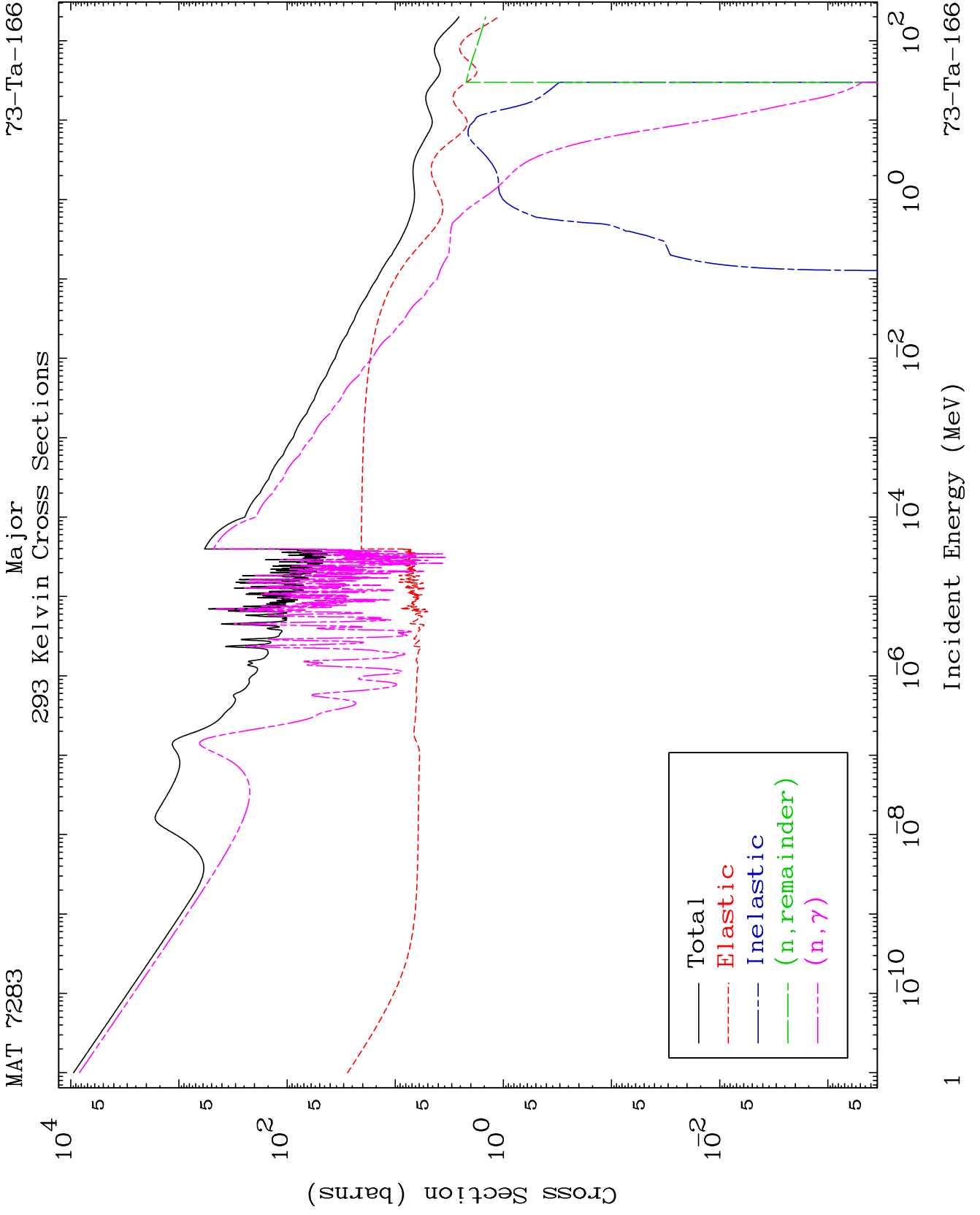
Dermott E. Cullen
(Present Contact Information)

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

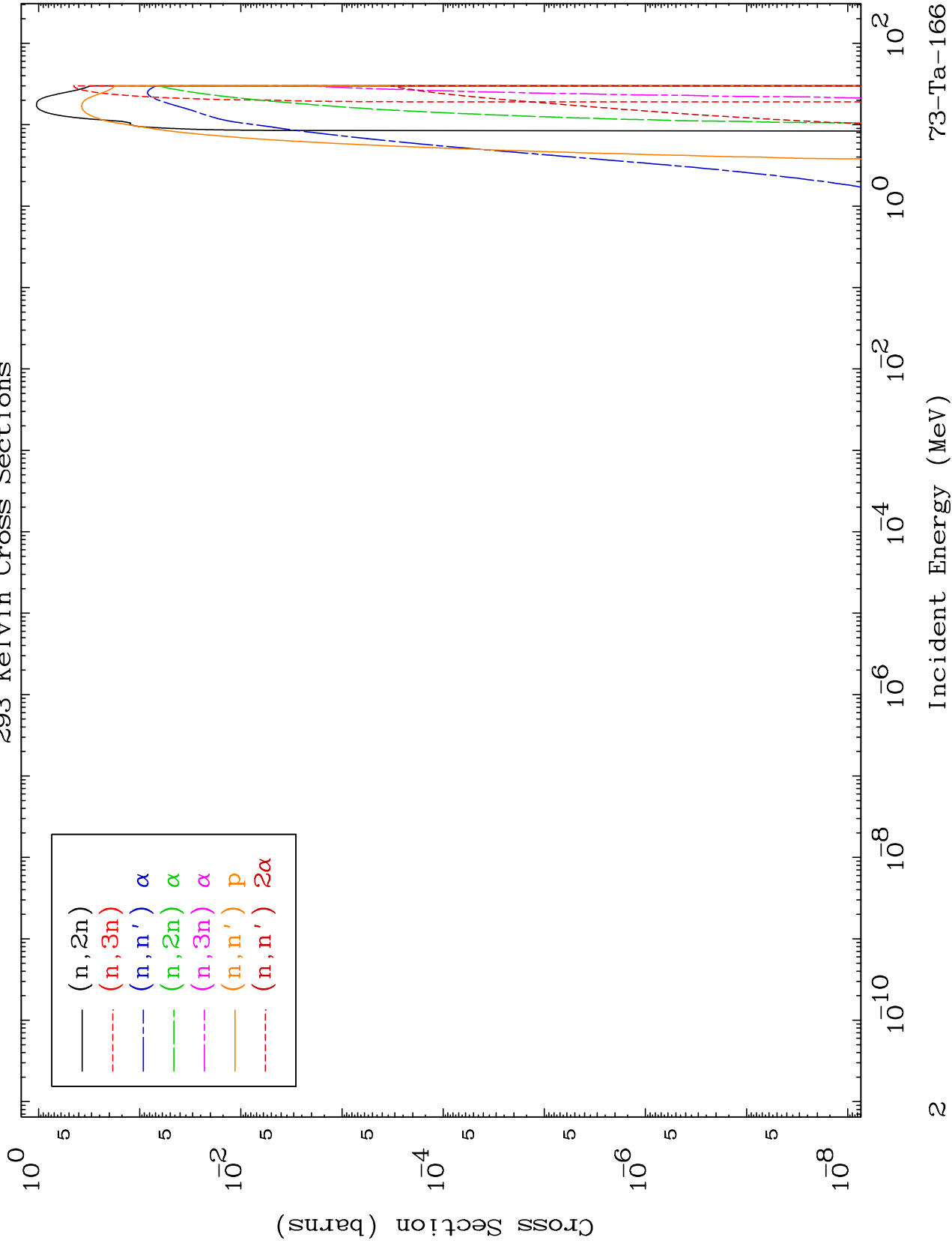
Press Mouse Button to Start



MAT 7283

Neutron Production
293 Kelvin Cross Sections

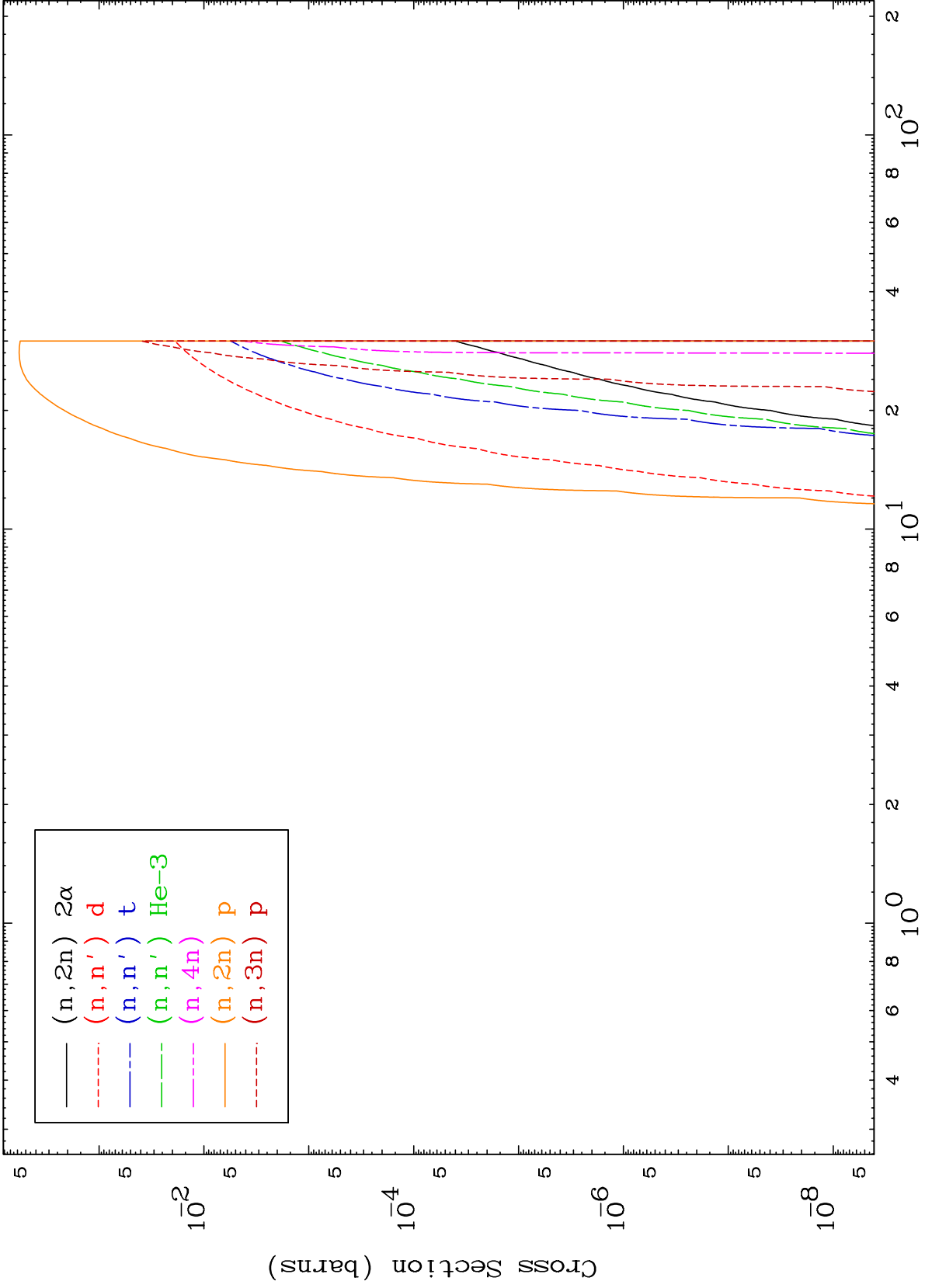
73-Ta-166



MAT 7283

Neutron Production
293 Kelvin Cross Sections

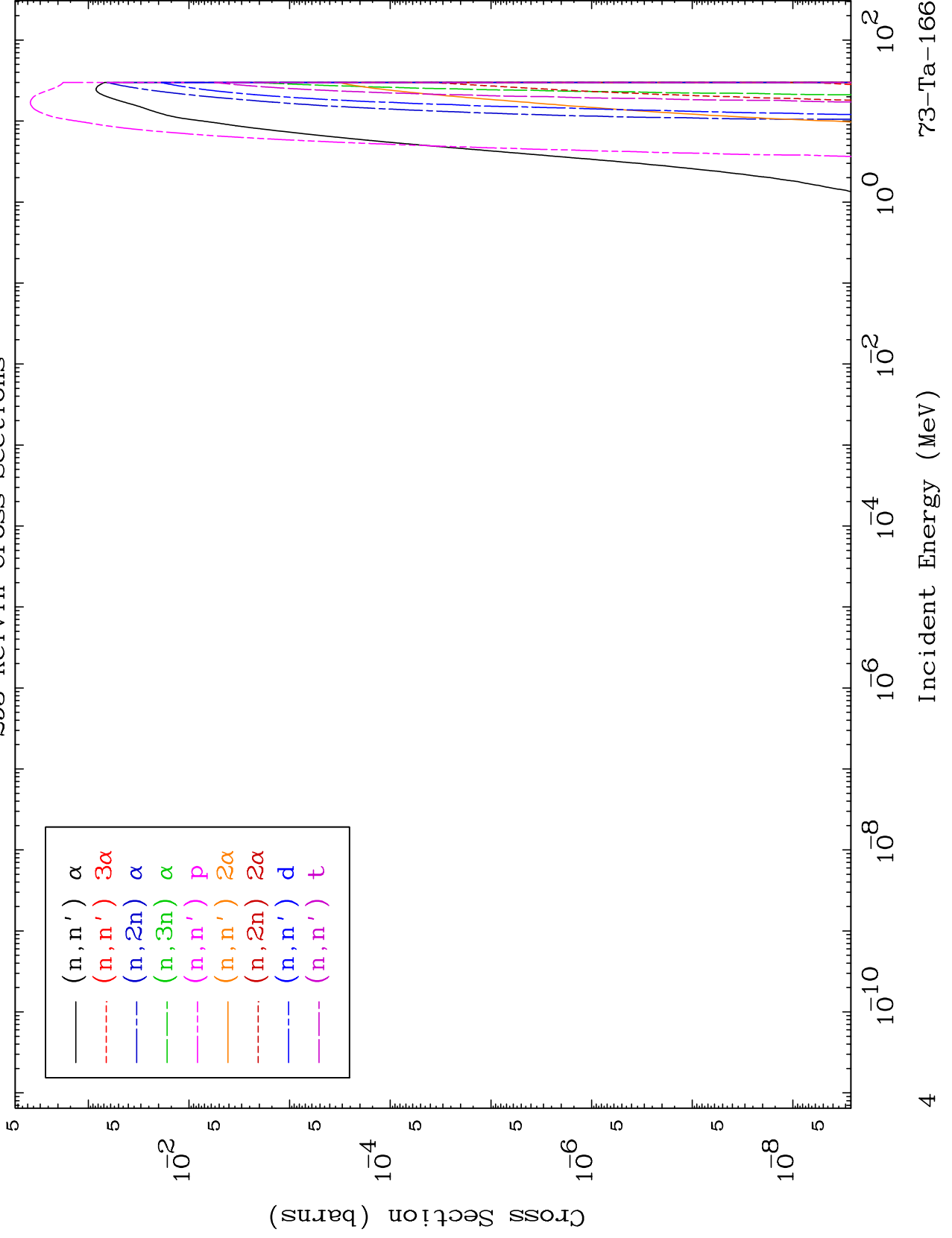
73-Ta-166



MAT 7283

Charged Particle
293 Kelvin Cross Sections

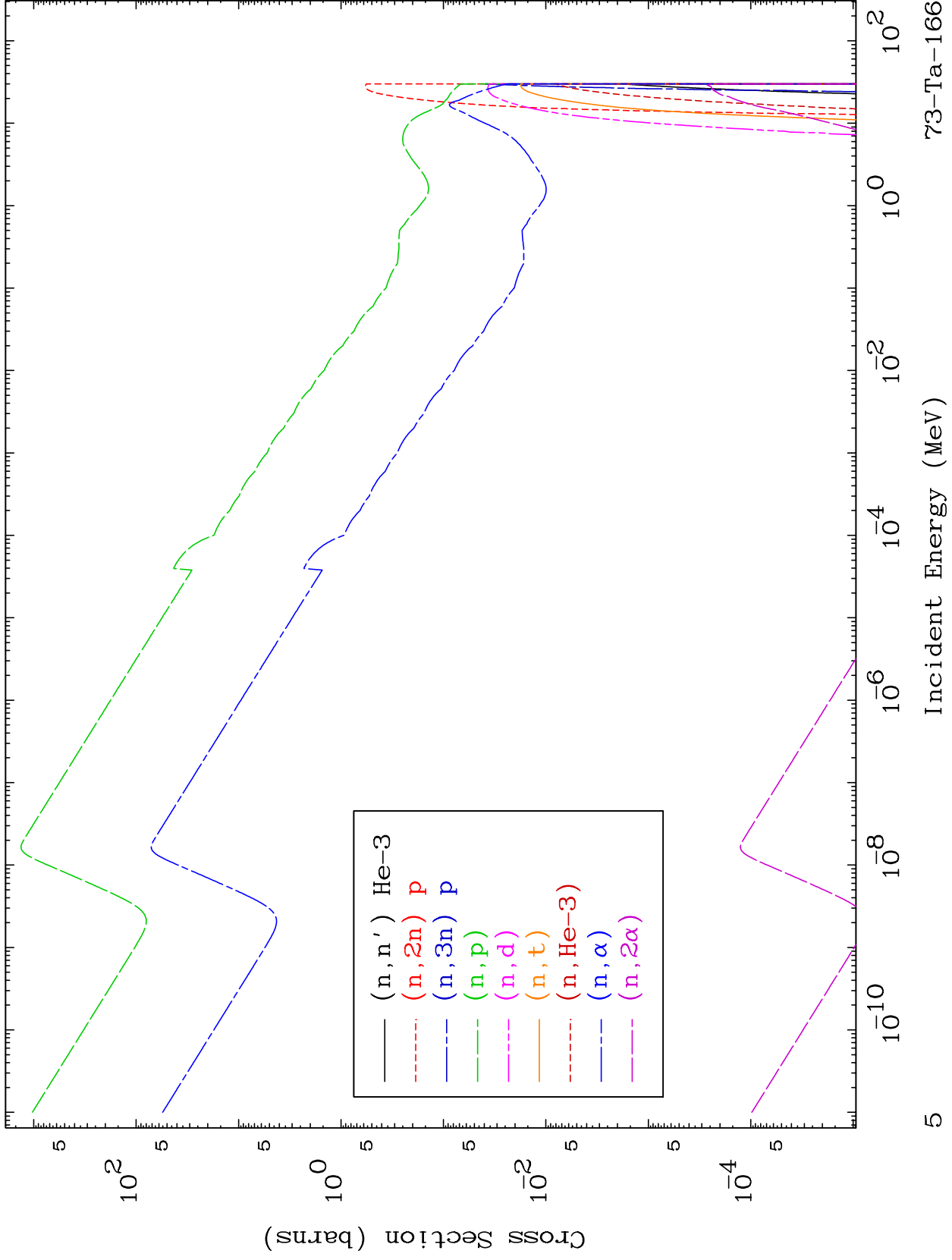
73-Ta-166



MAT 7283

Charged Particle
293 Kelvin Cross Sections

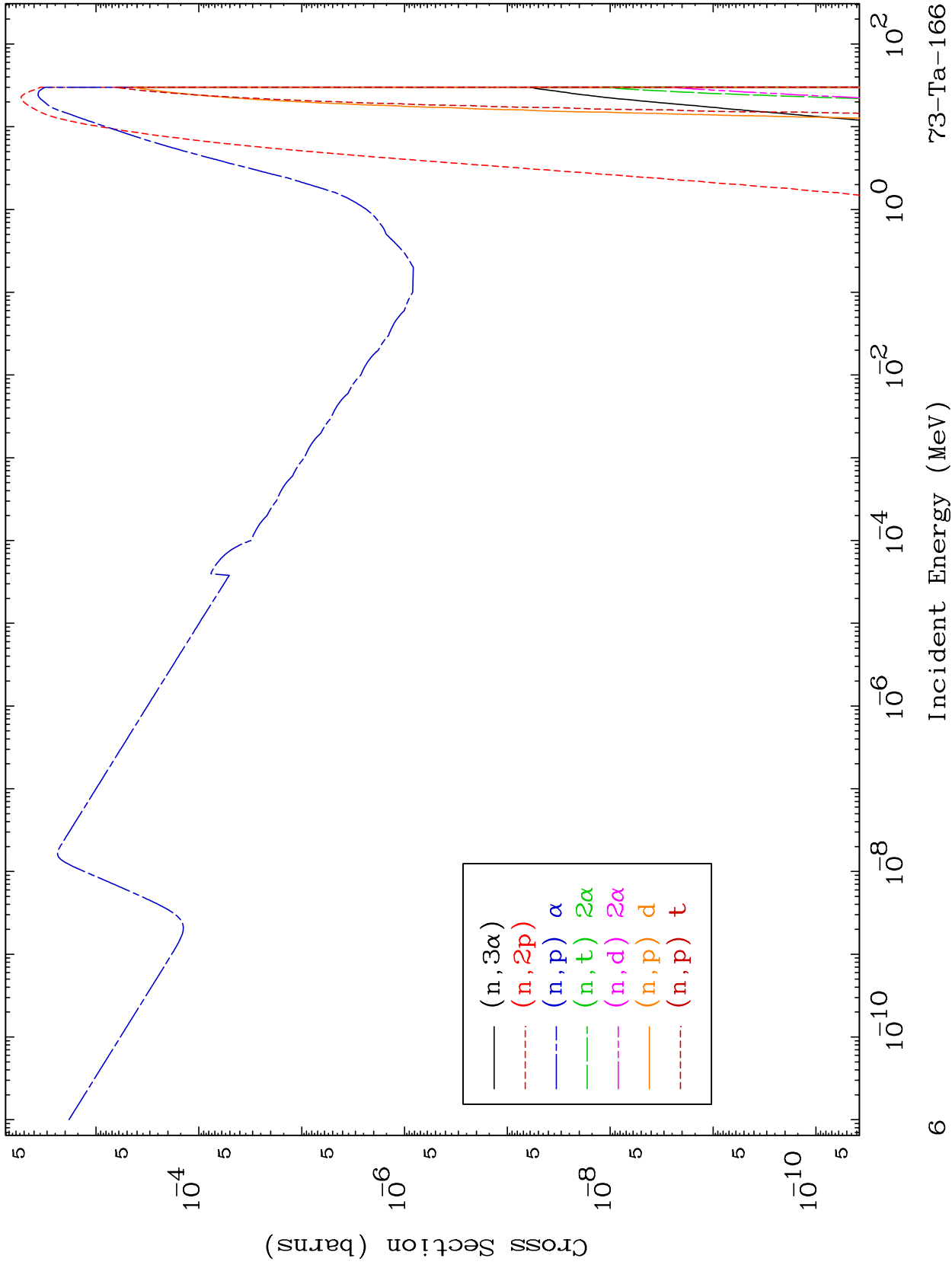
73-Ta-166



MAT 7283

Charged Particle
293 Kelvin Cross Sections

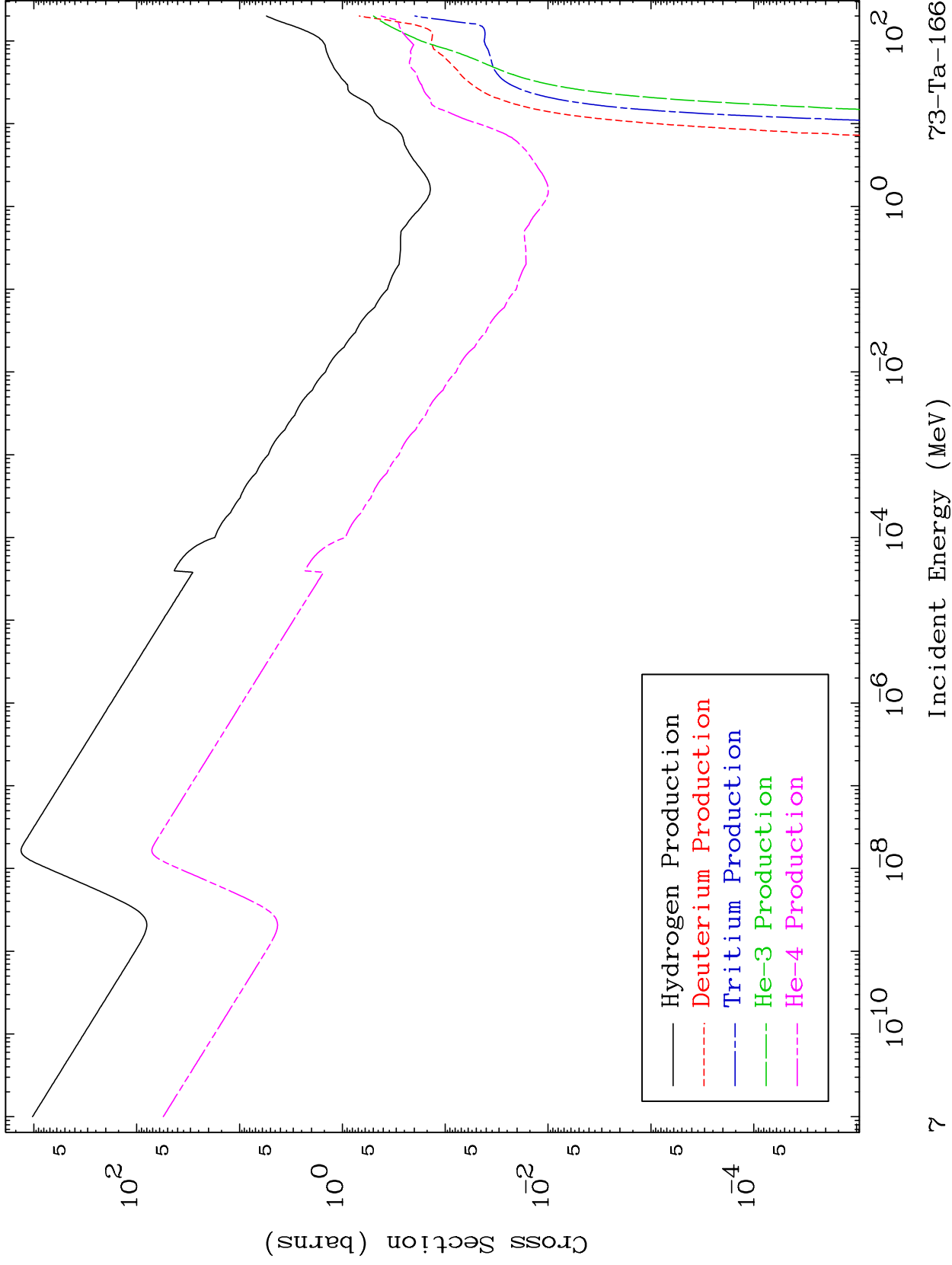
73-Ta-166



MAT 7283

Particle Production
293 Kelvin Cross Sections

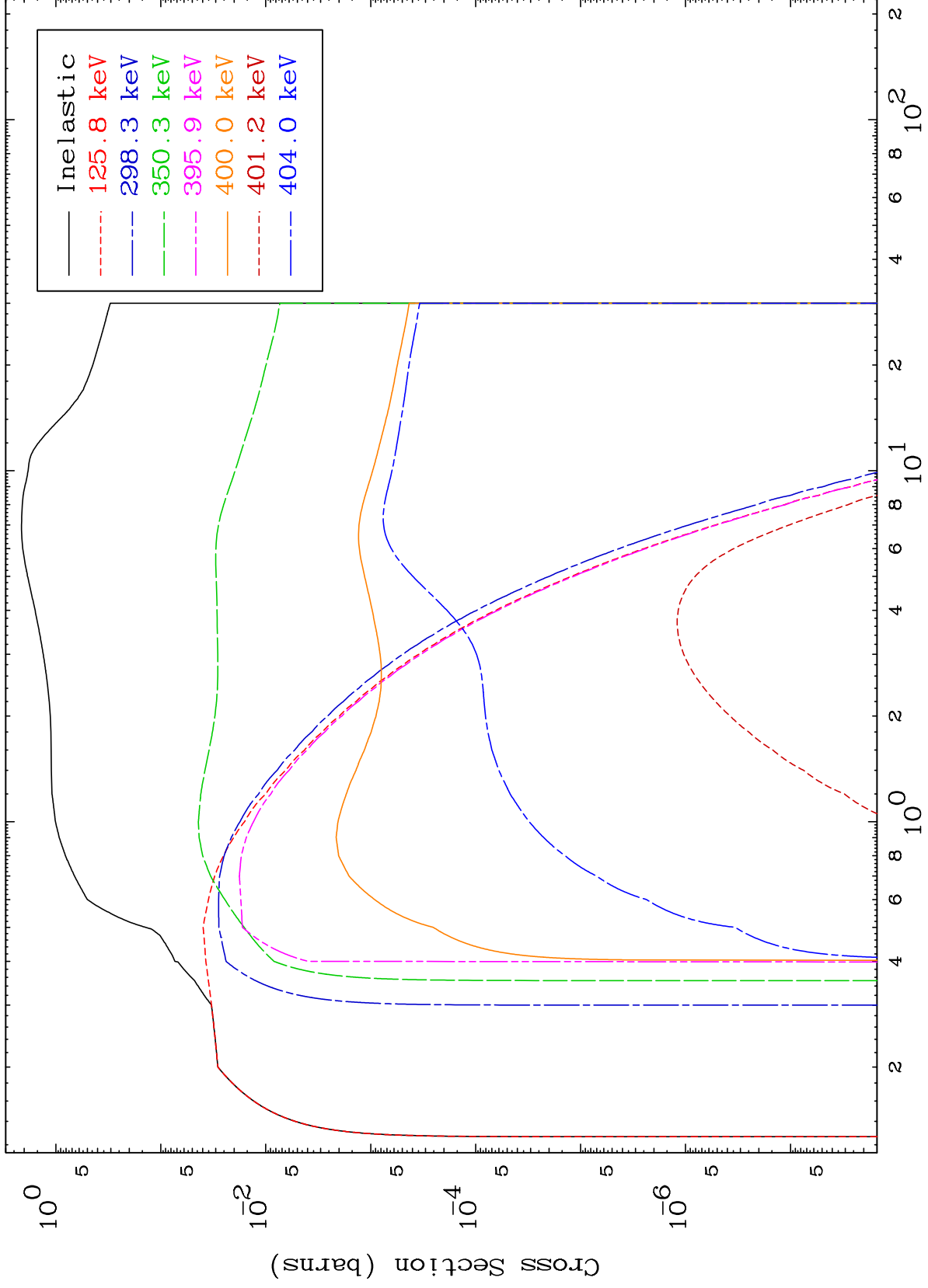
73-Ta-166



MAT 7283

(n,n') Level
293 Kelvin Cross Sections

73-Ta-166

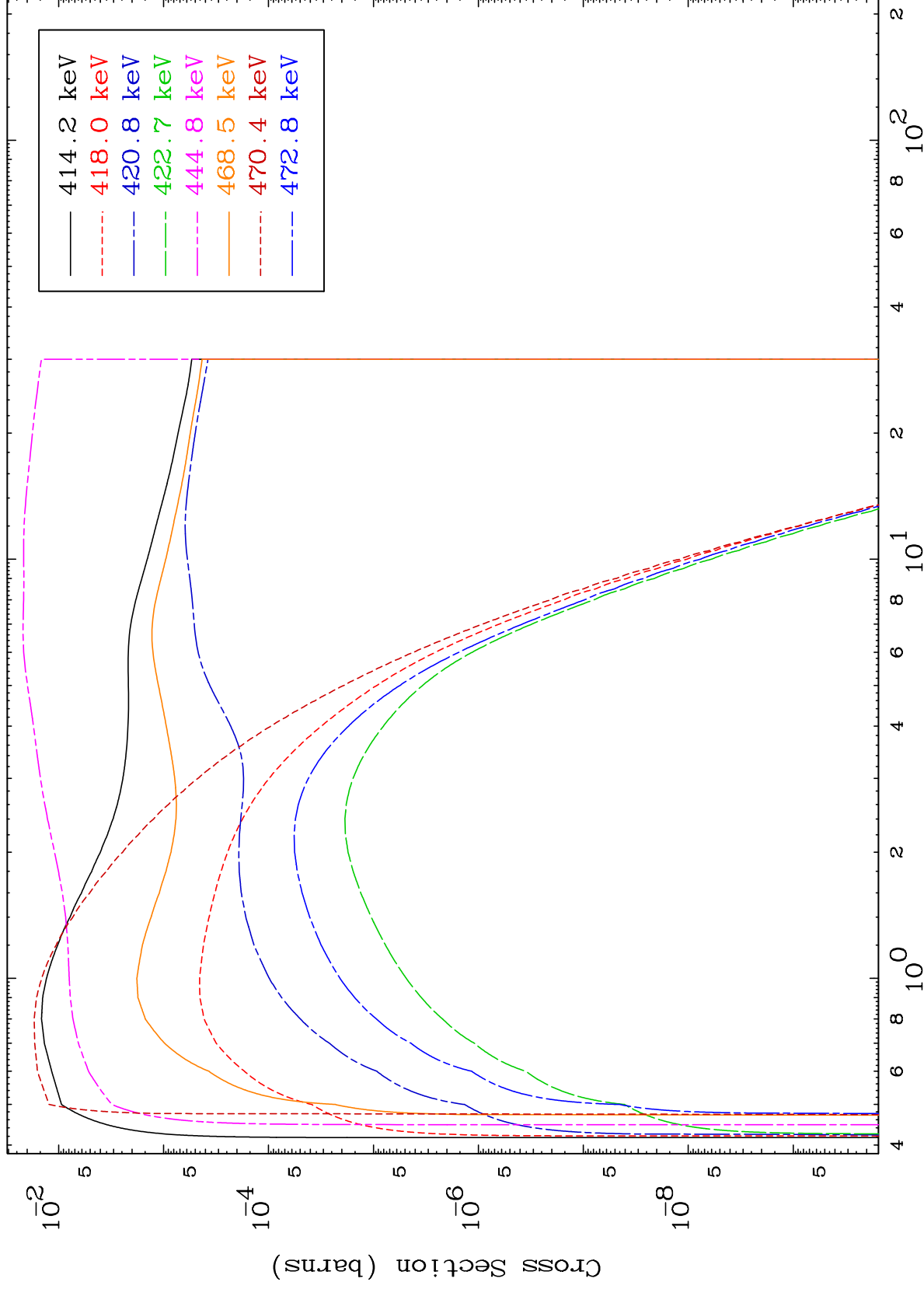


MAT 7283

(n,n') Level

73-Ta-166

293 Kelvin Cross Sections



9

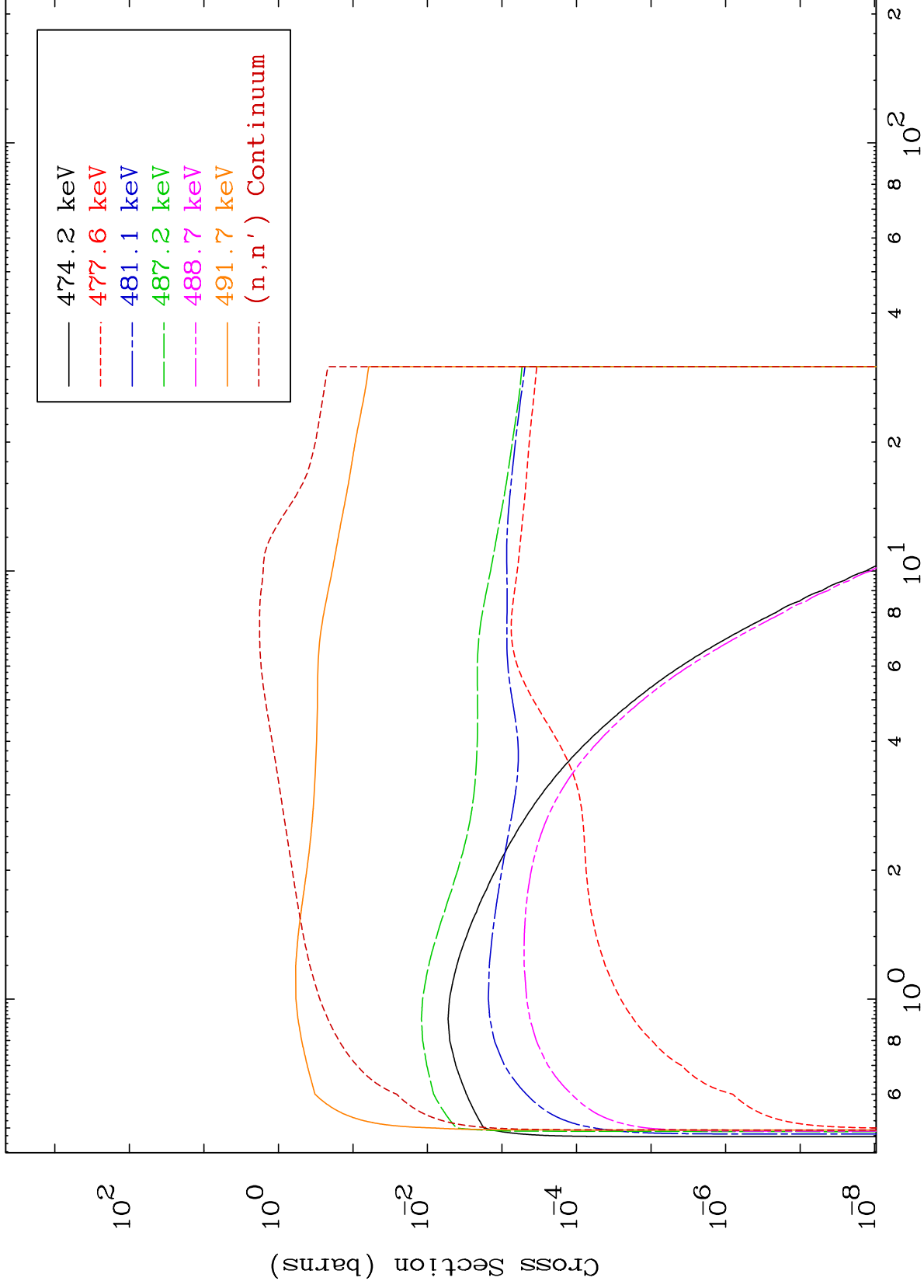
Incident Energy (MeV)

73-Ta-166

MAT 7283

(n,n') Level
293 Kelvin Cross Sections

73-Ta-166



10

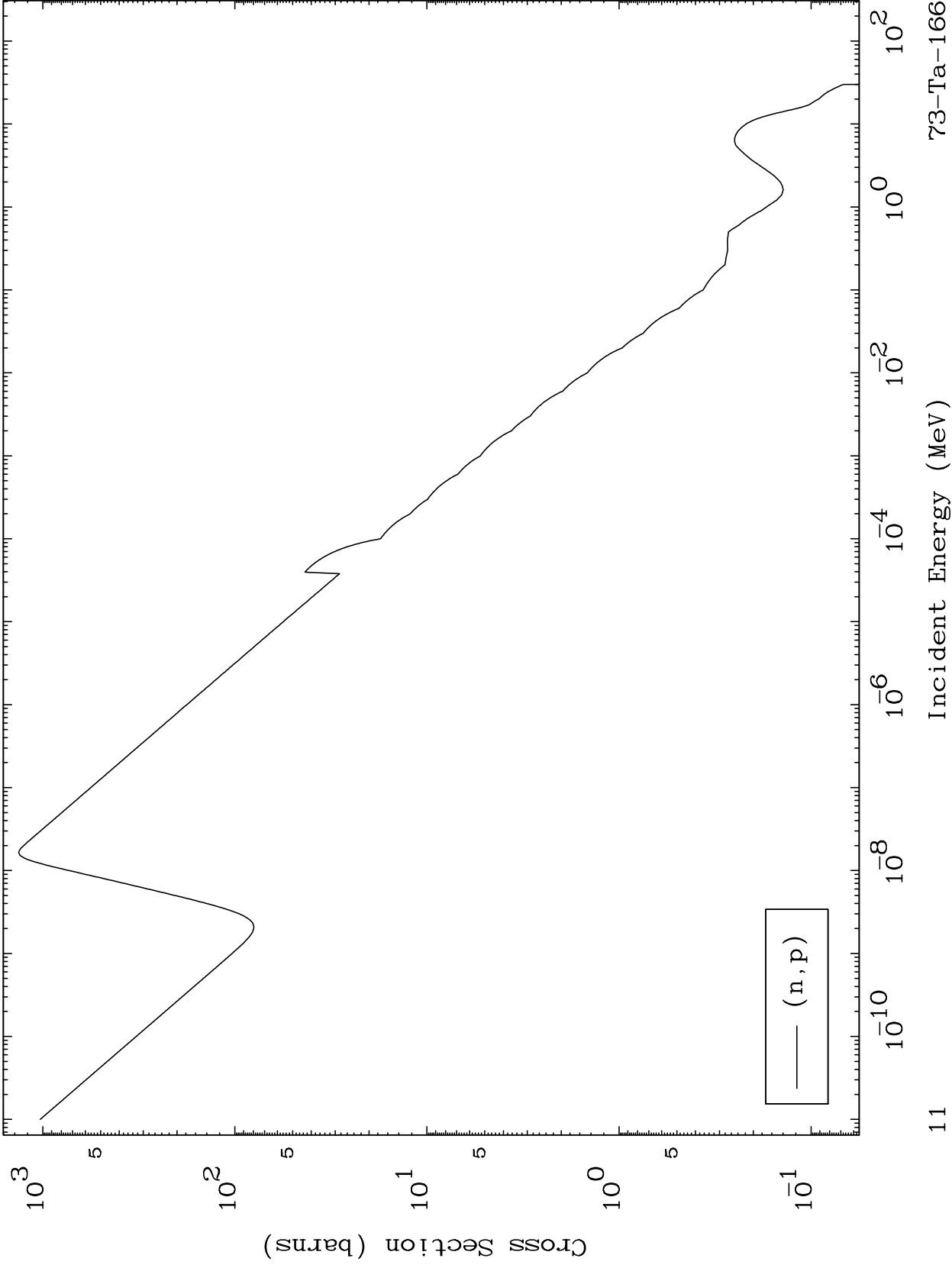
Incident Energy (MeV)

73-Ta-166

MAT 7283

(n,p) Levels
293 Kelvin Cross Sections

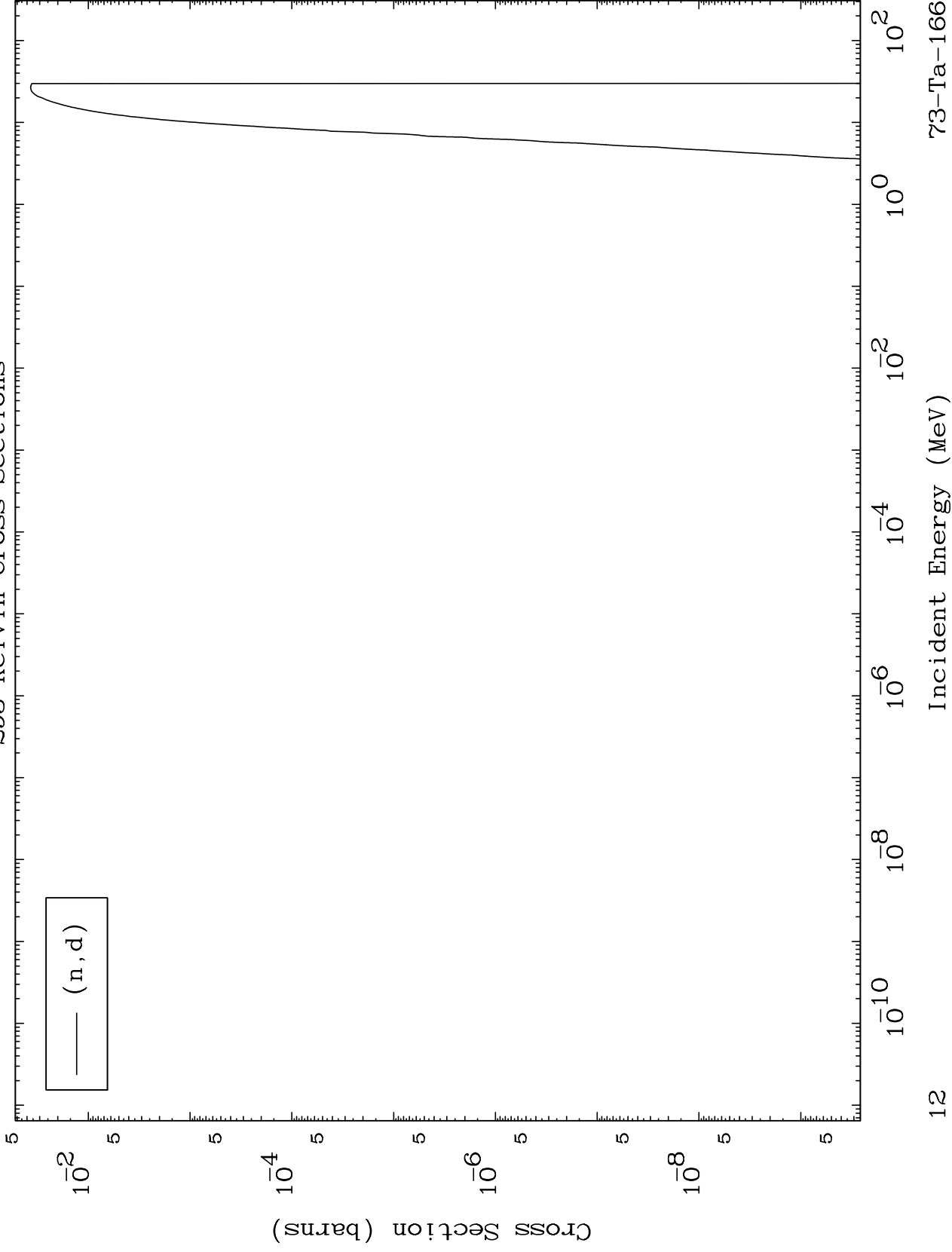
73-Ta-166



MAT 7283

(n,d) Levels
293 Kelvin Cross Sections

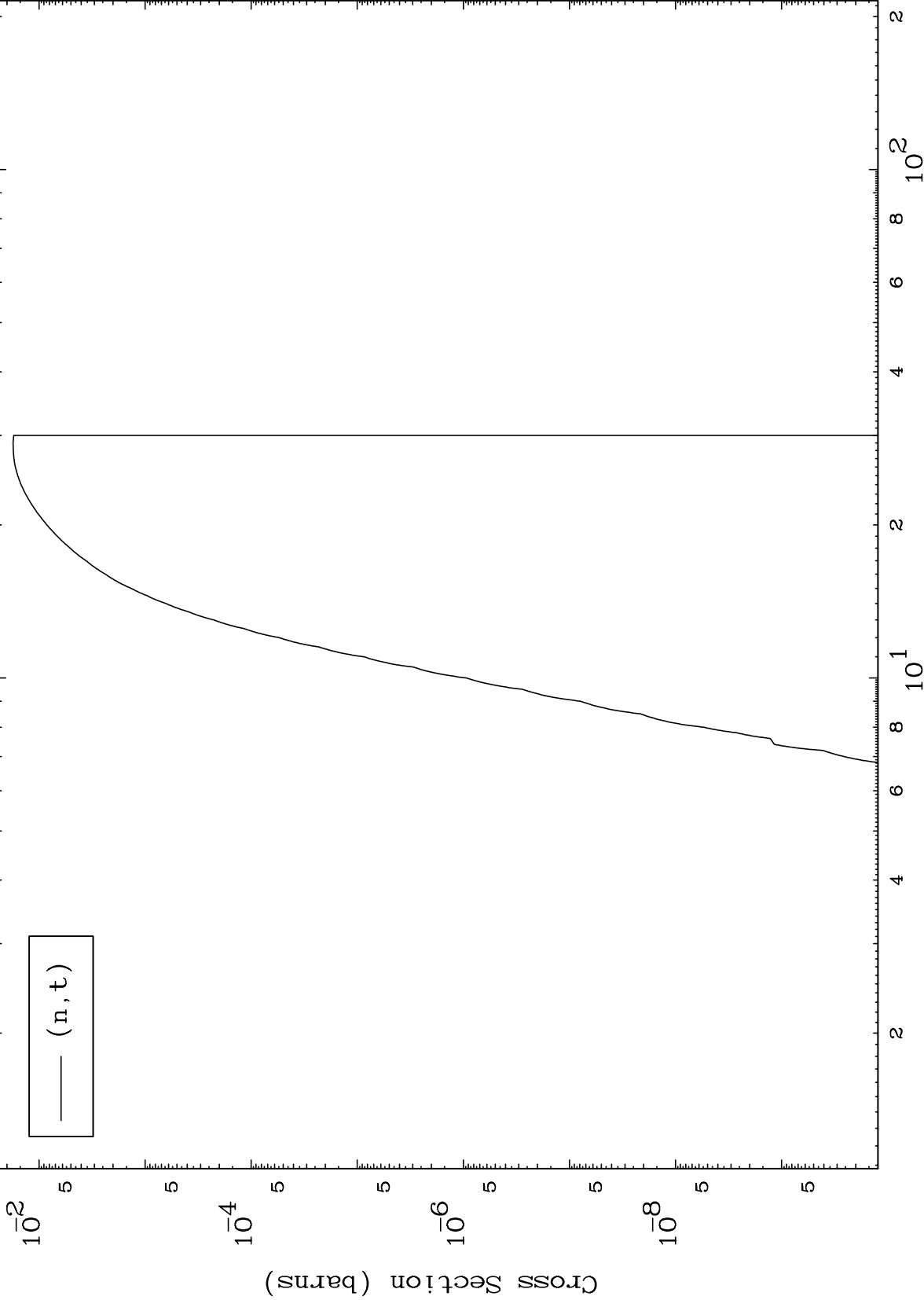
⁷³Ta-166



MAT 7283

(n,t) Levels
293 Kelvin Cross Sections

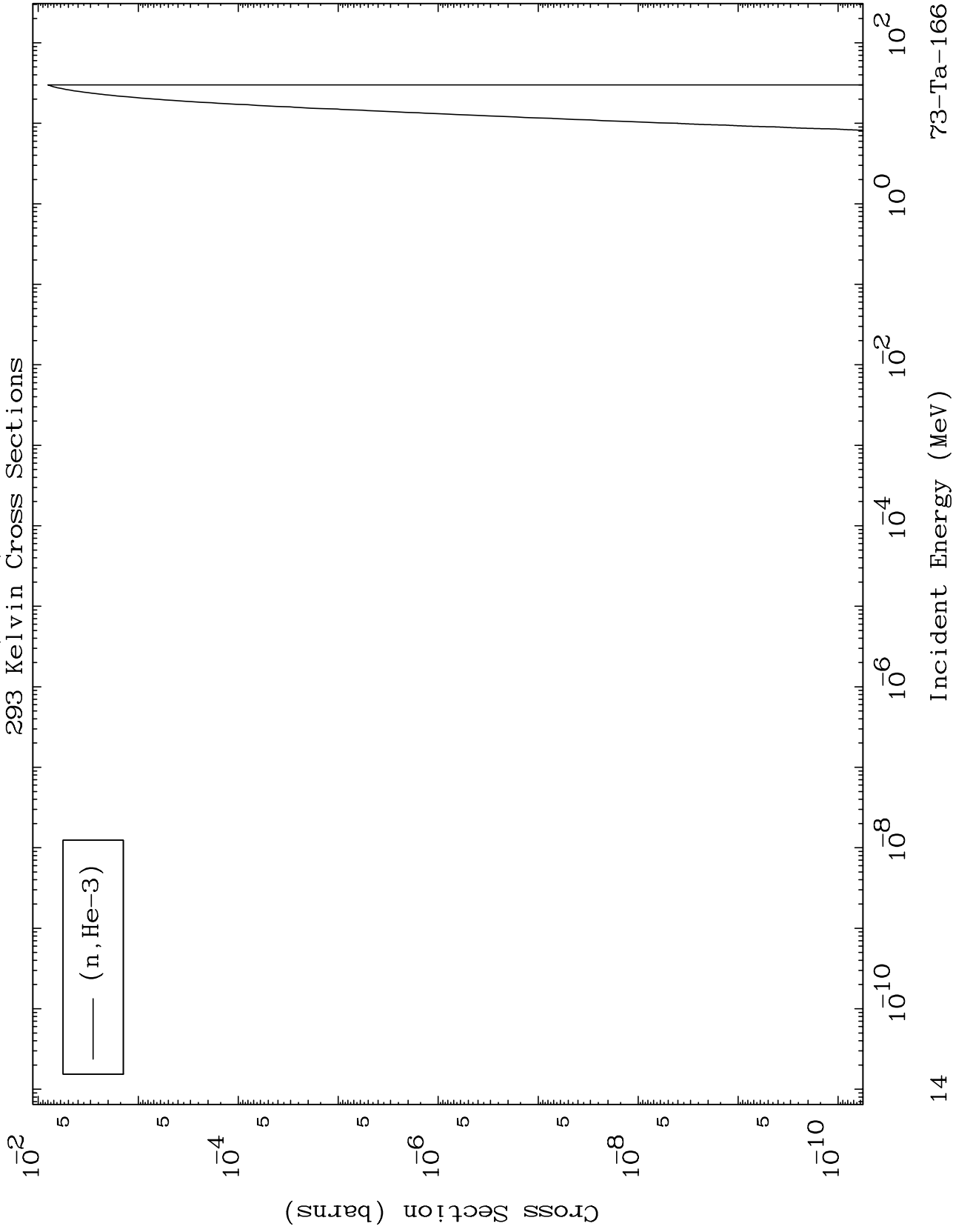
73-Ta-166



MAT 7283

(n,He3) Levels
293 Kelvin Cross Sections

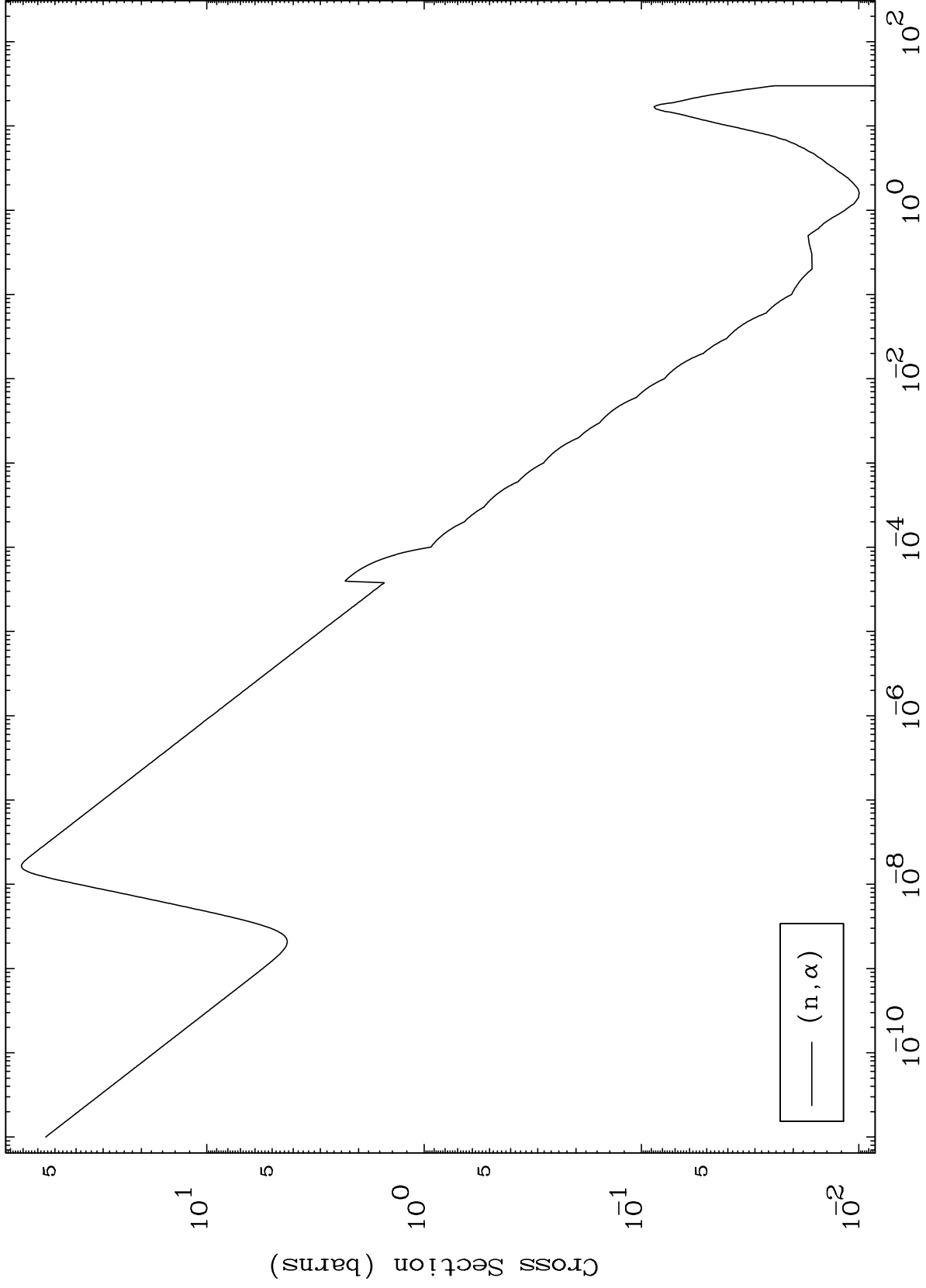
73-Ta-166



MAT 7283

(n,α) Levels
293 Kelvin Cross Sections

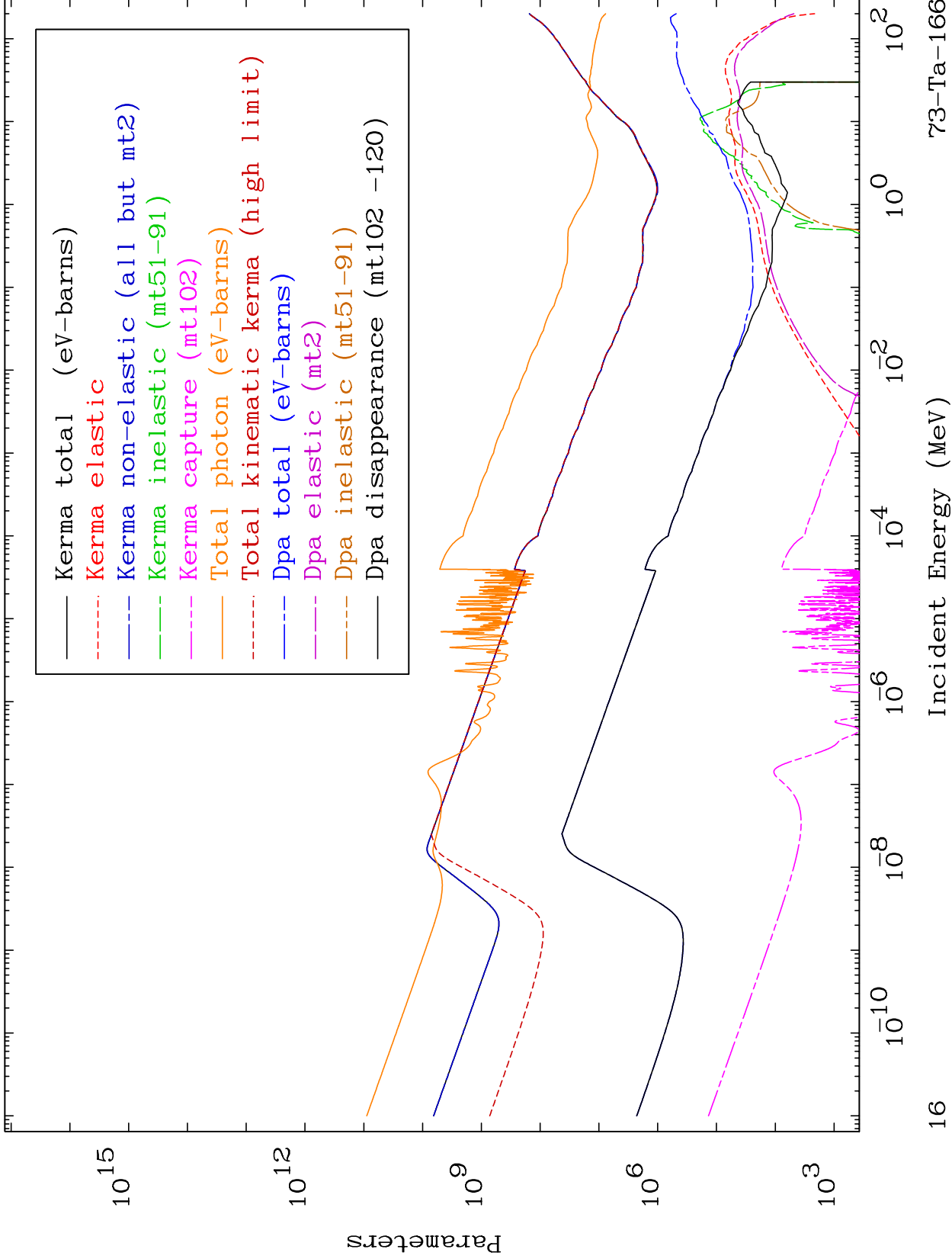
73-Ta-166



15

Incident Energy (MeV)

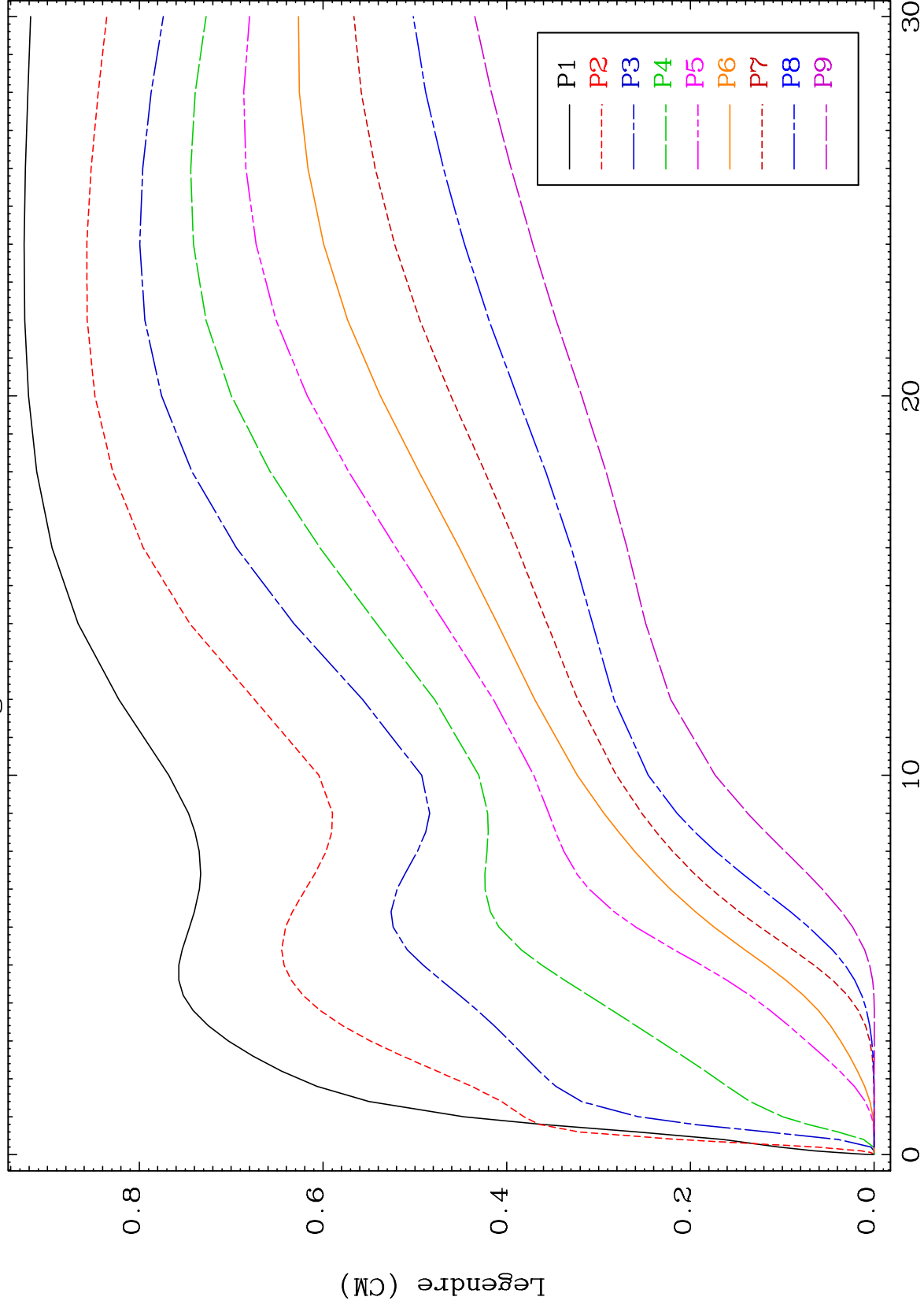
73-Ta-166



MAT 7283

Elastic Legendre Coefficients

⁷³Ta-166



17

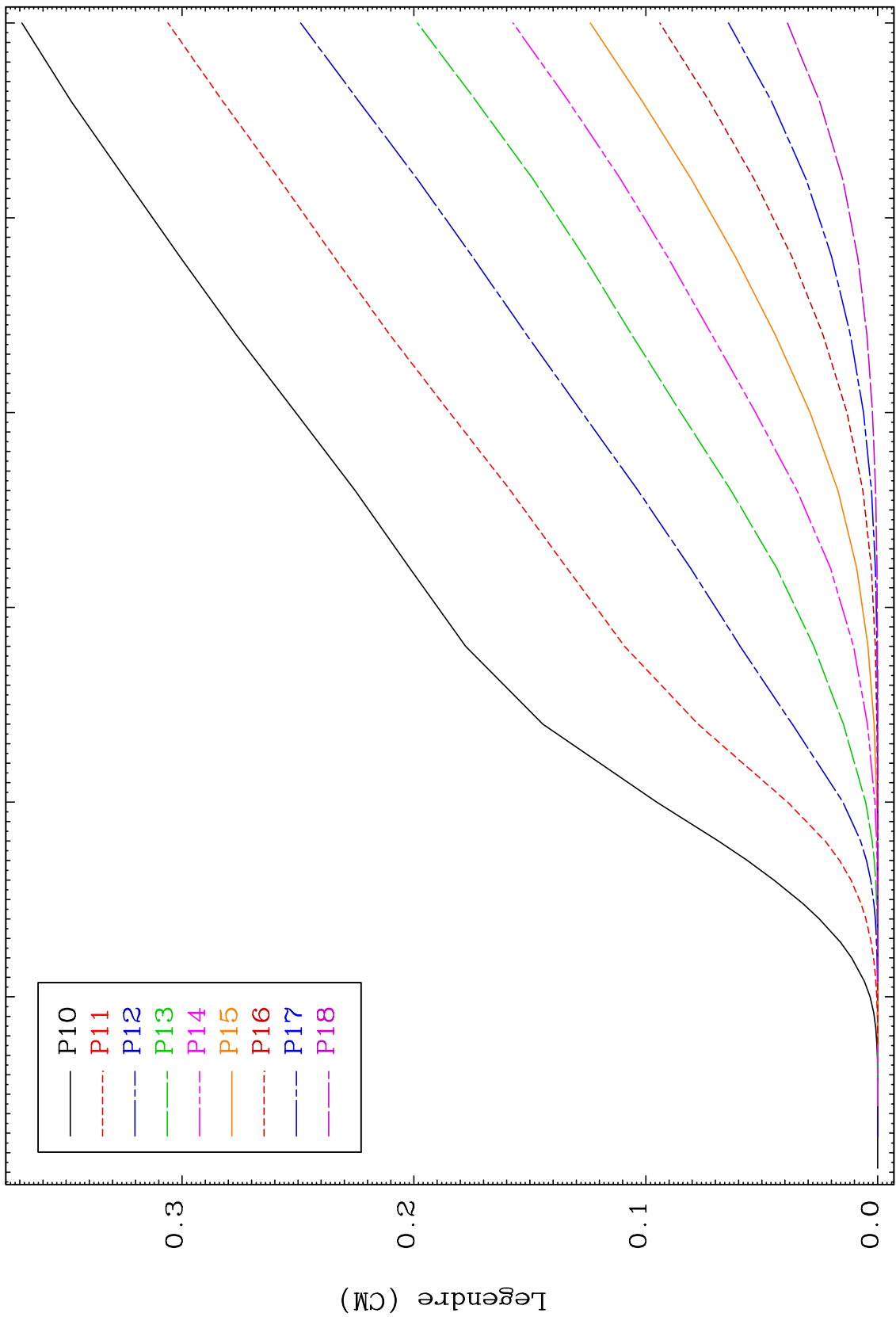
Incident Energy (MeV)

⁷³Ta-166

MAT 7283

Elastic Legendre Coefficients

⁷³Ta-166



18

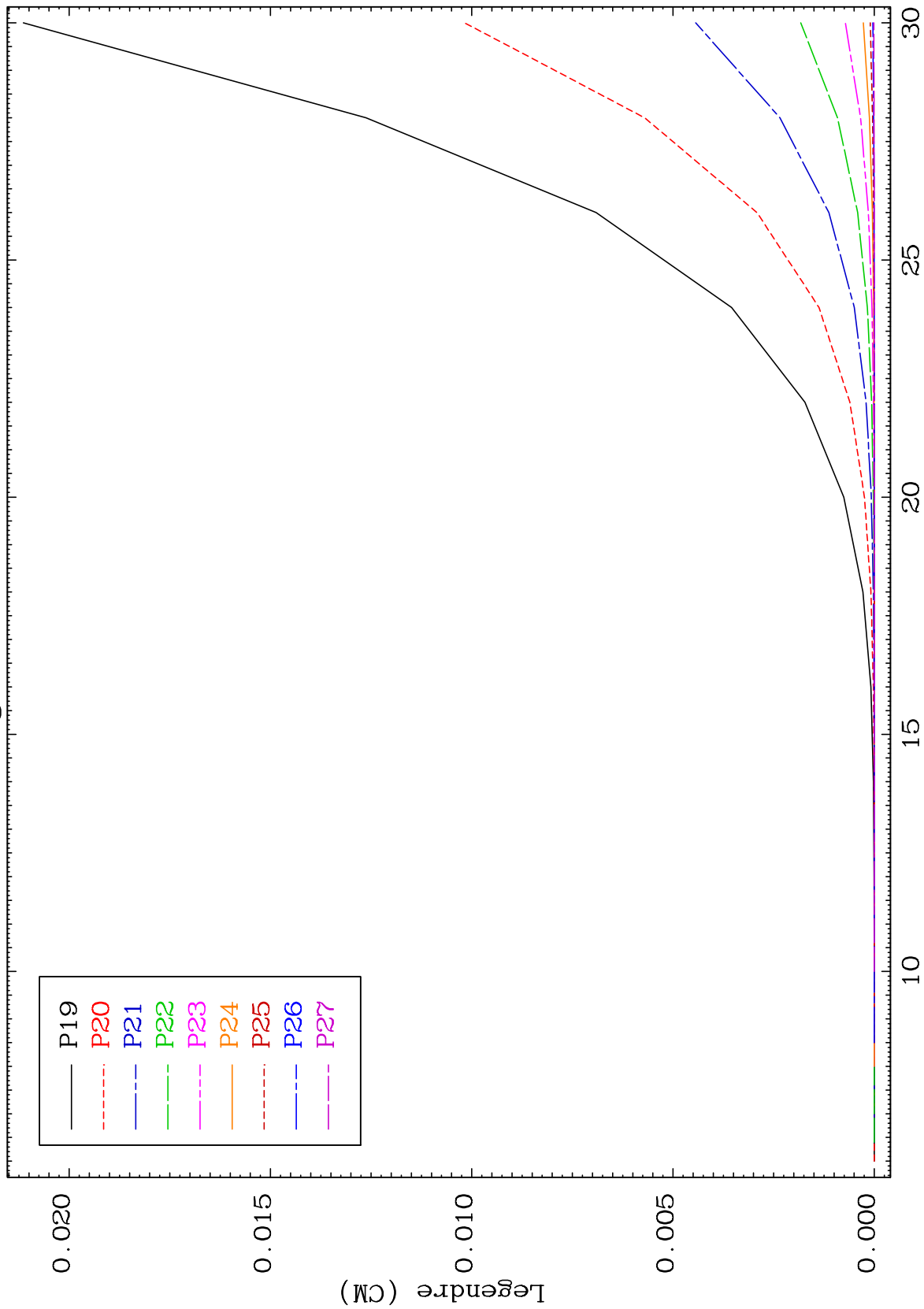
Incident Energy (MeV)

⁷³Ta-166

MAT 7283

Elastic Legendre Coefficients

⁷³Ta-166



19

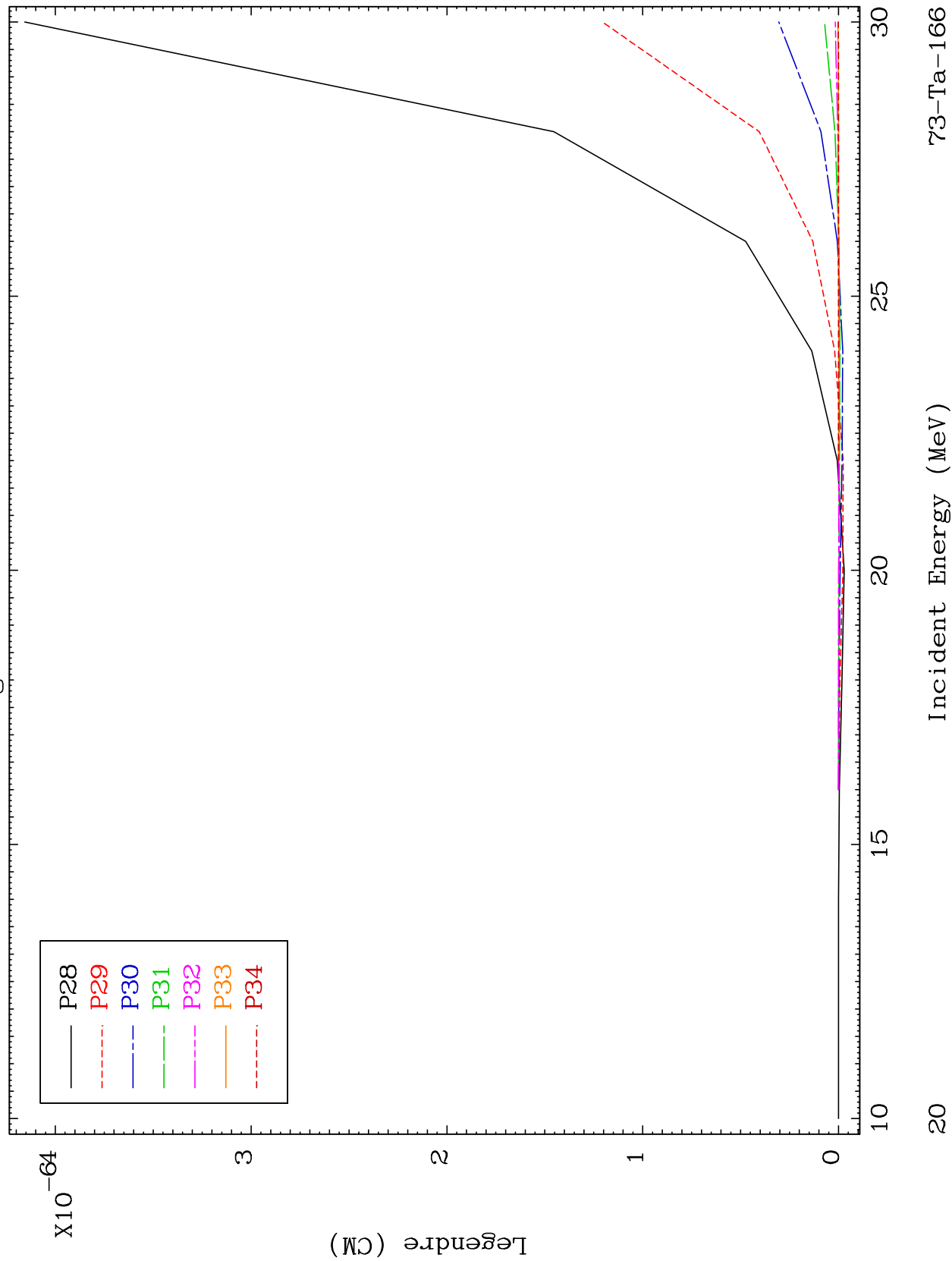
Incident Energy (MeV)

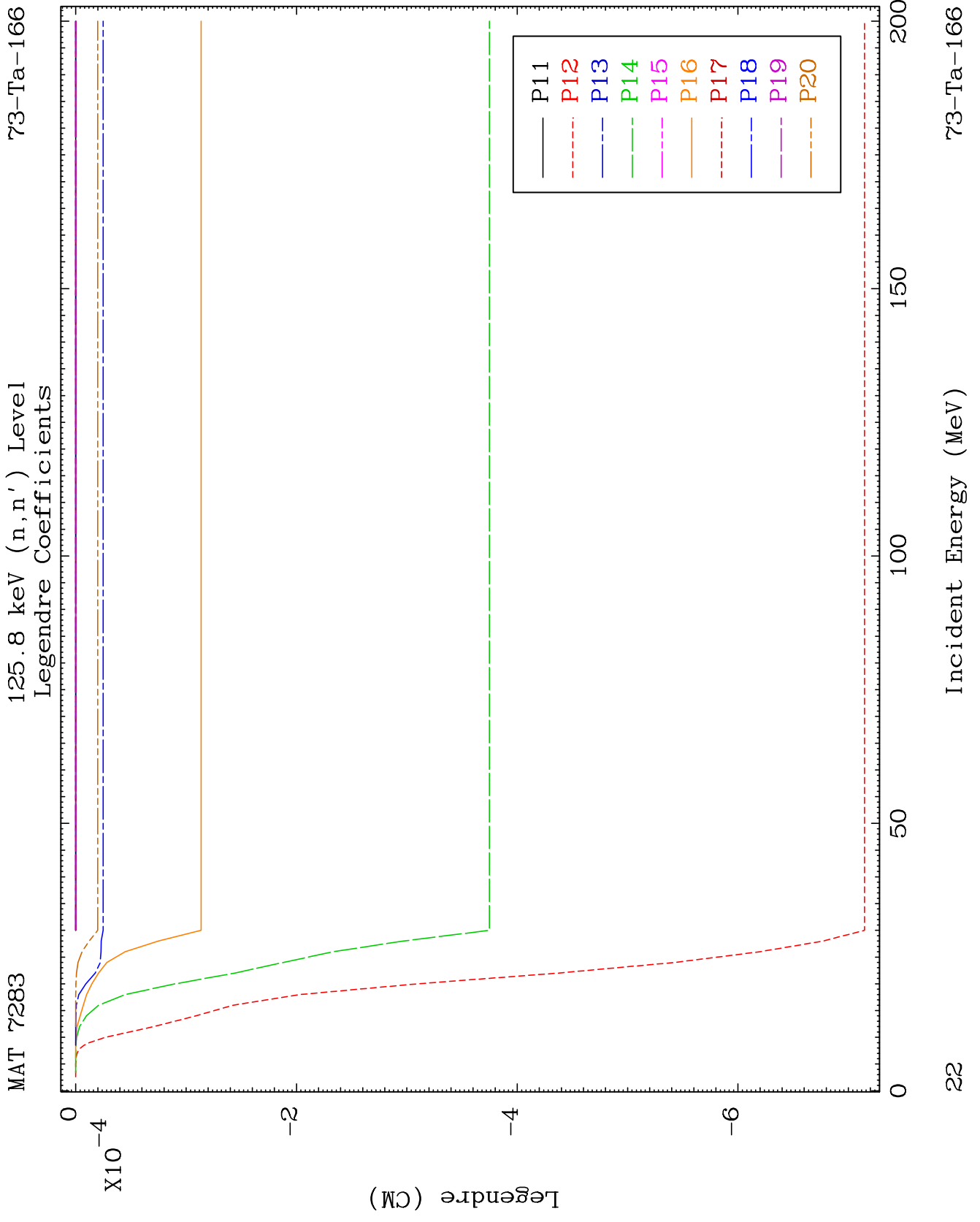
⁷³Ta-166

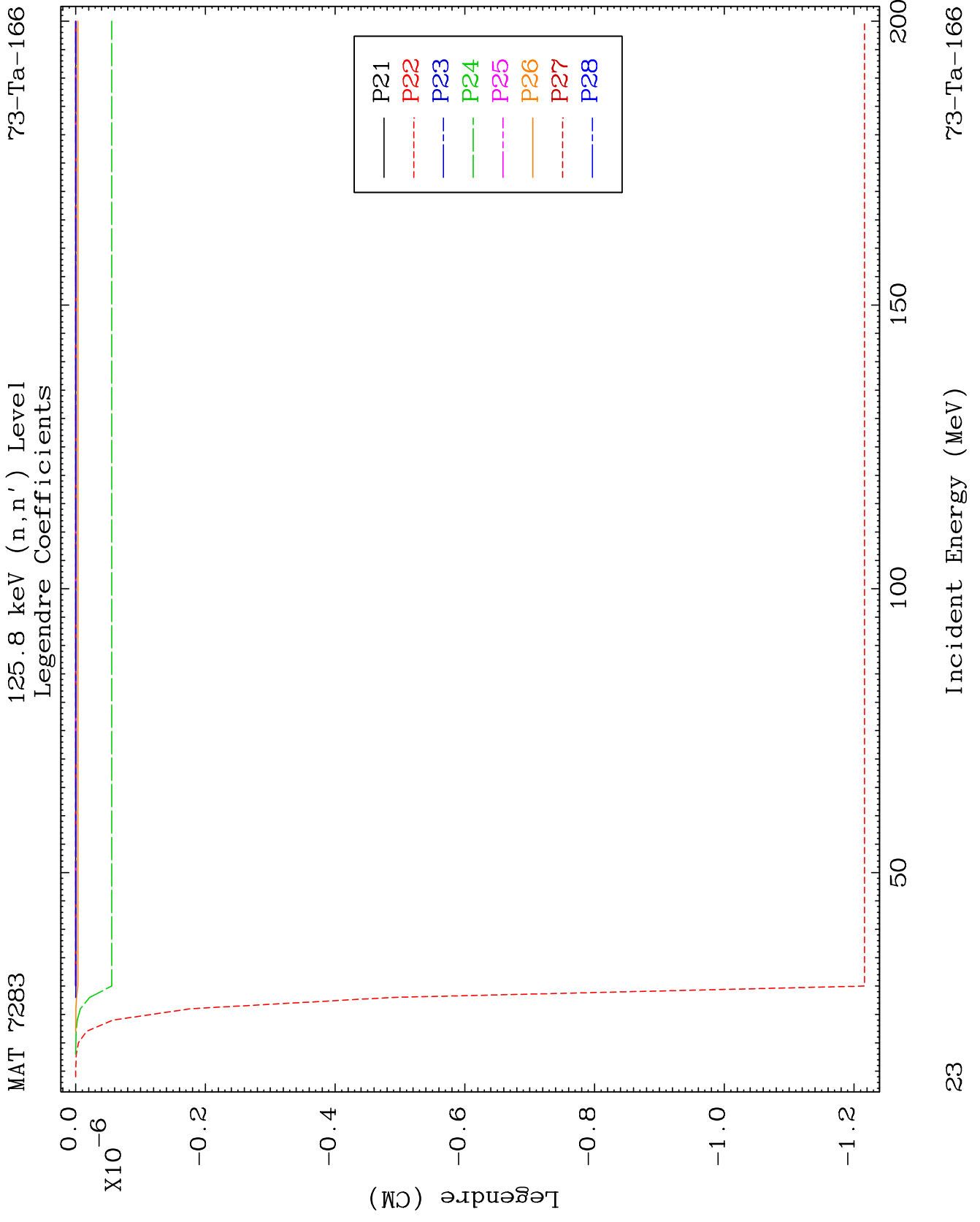
MAT 7283

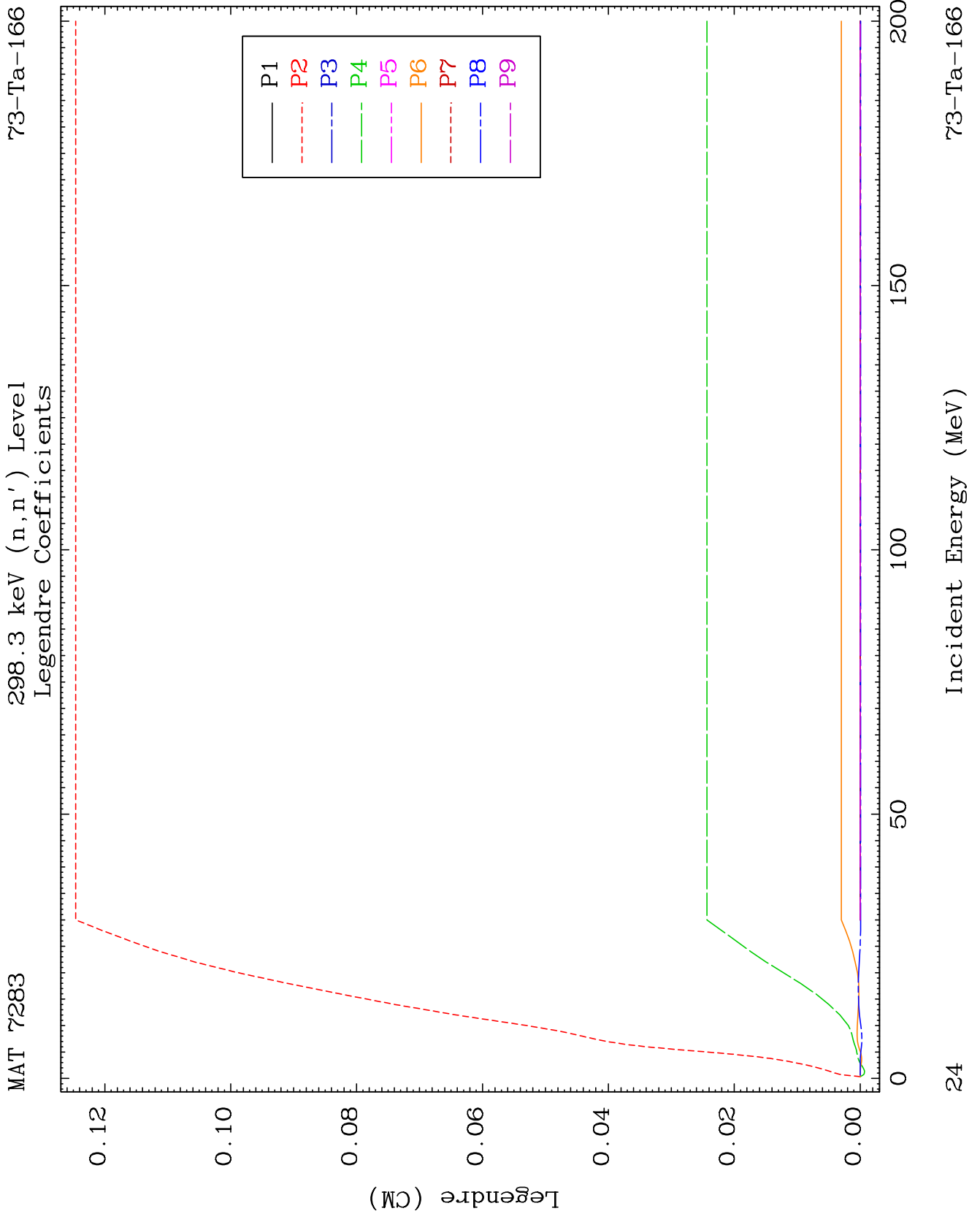
Elastic Legendre Coefficients

⁷³Ta-166





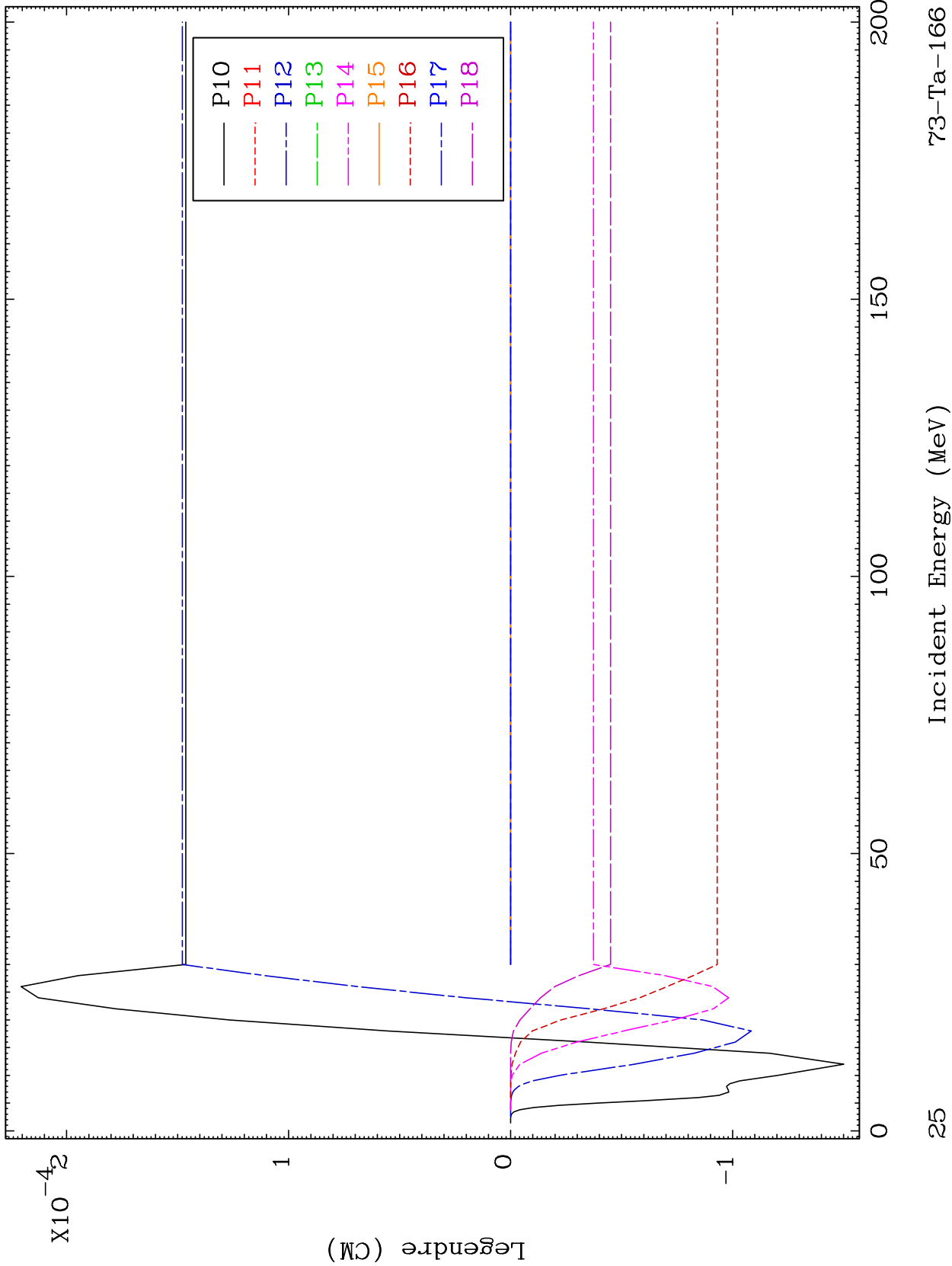




MAT 7283

298.3 keV (n,n') Level
Legendre Coefficients

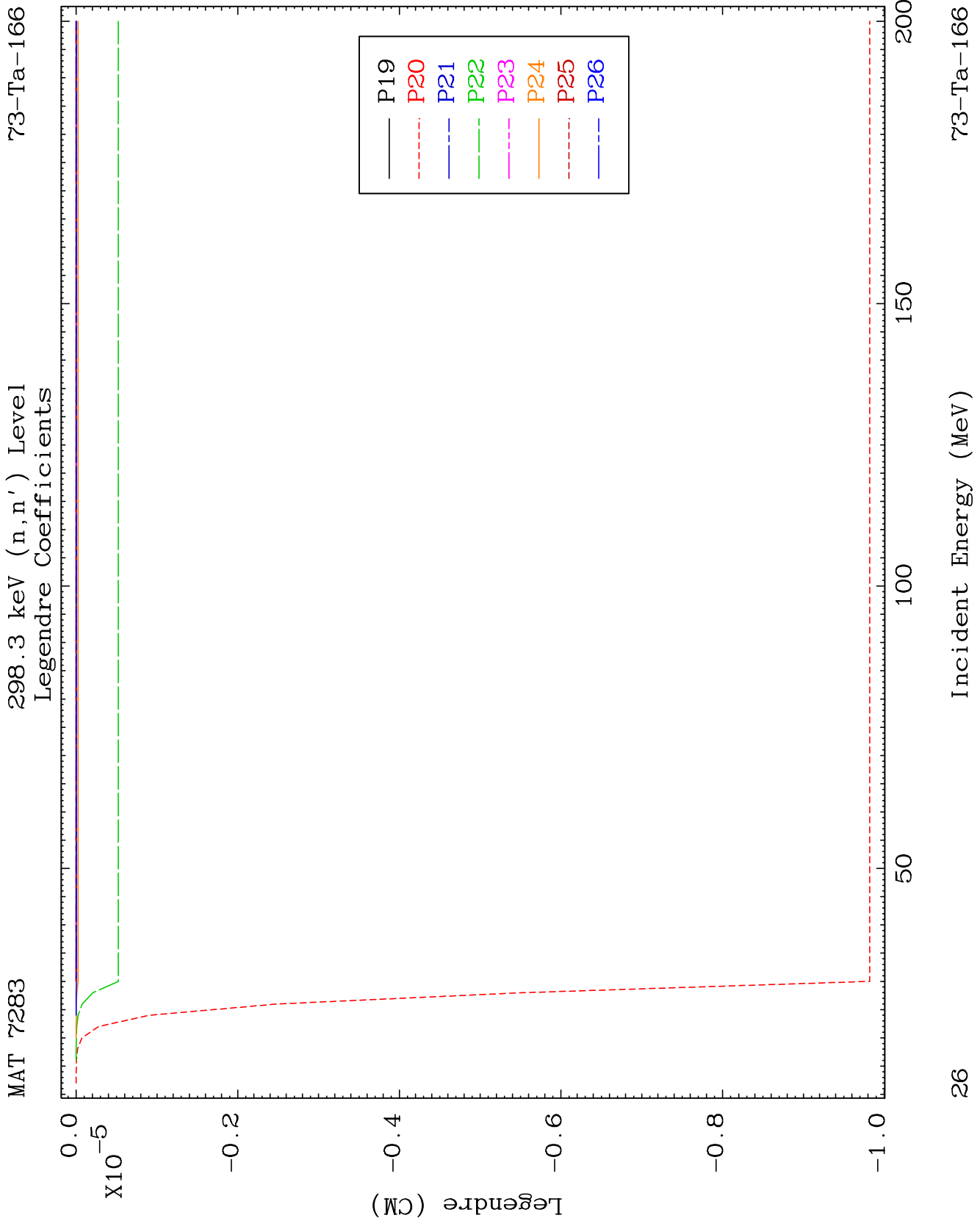
73-Ta-166

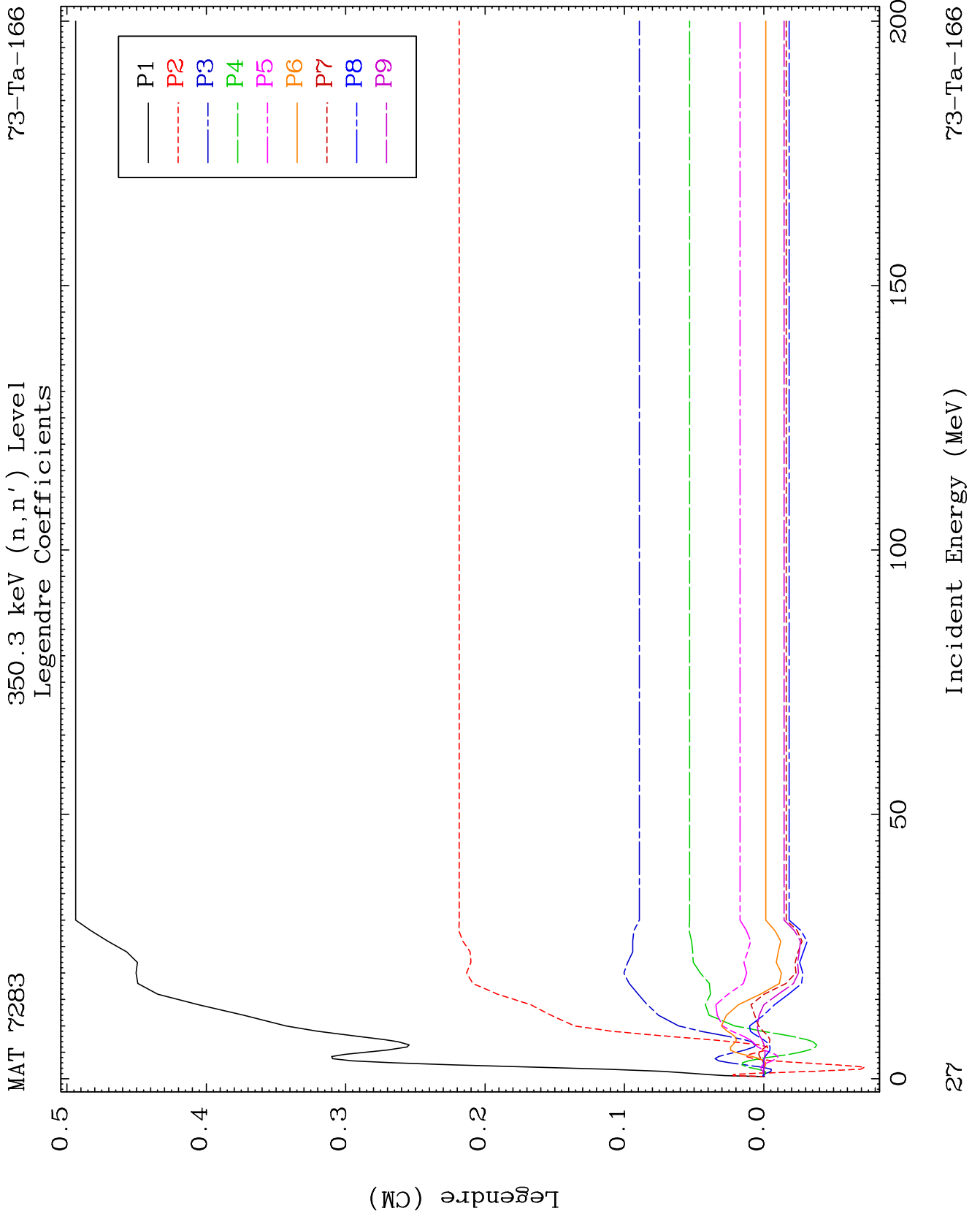


73-Ta-166

Incident Energy (MeV)

25

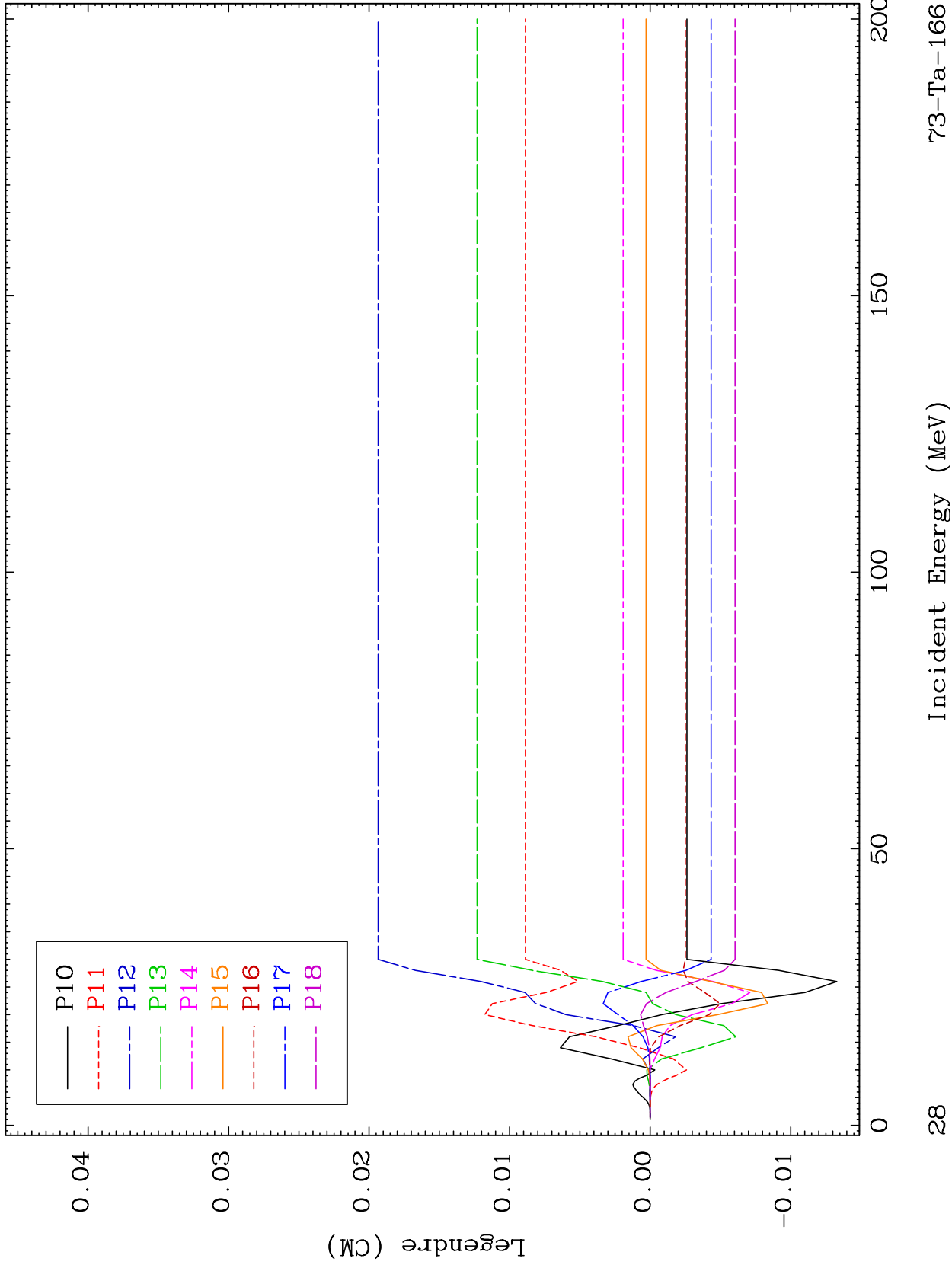




MAT 7283

350.3 keV (n, n') Level
Legendre Coefficients

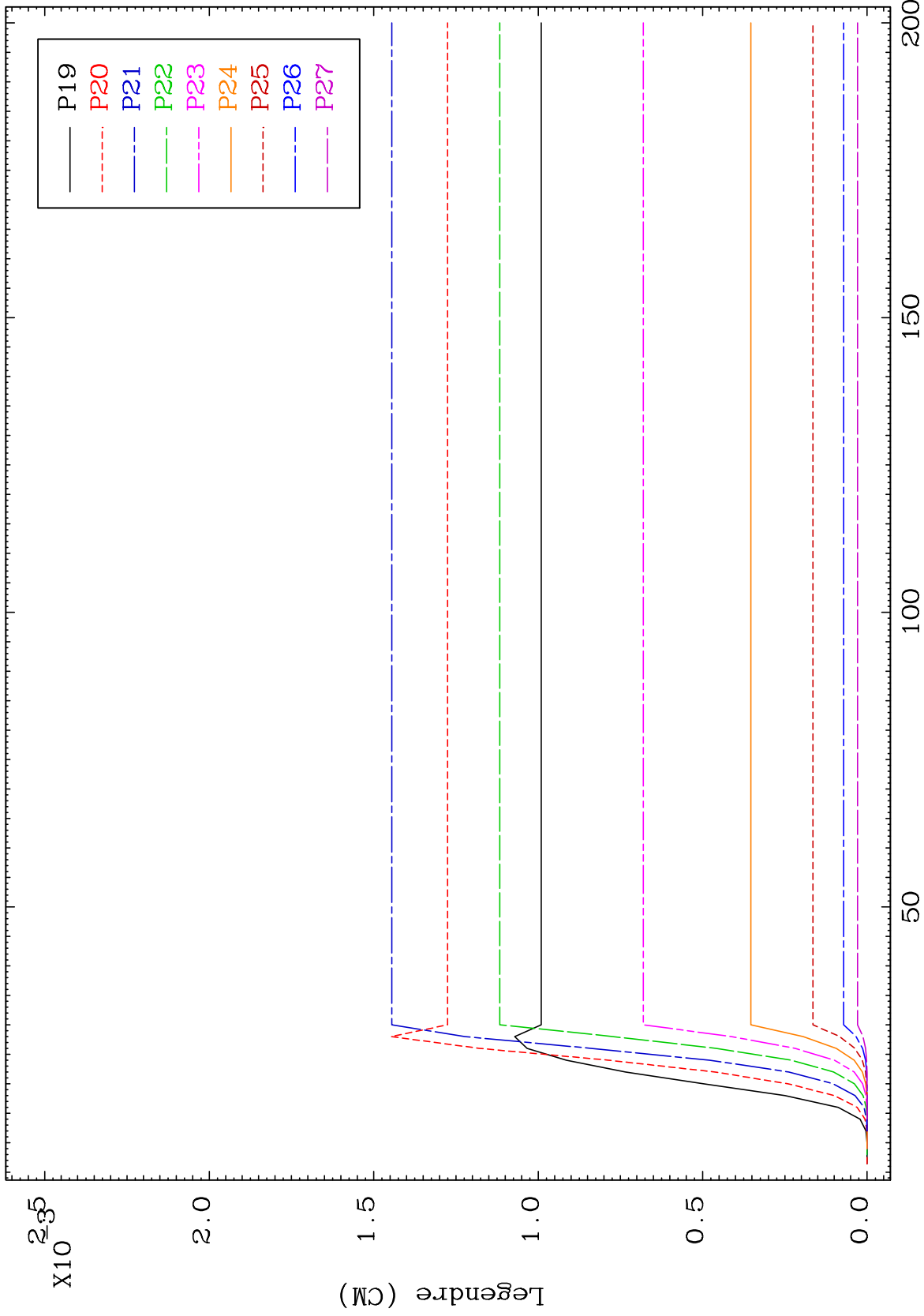
73-Ta-166

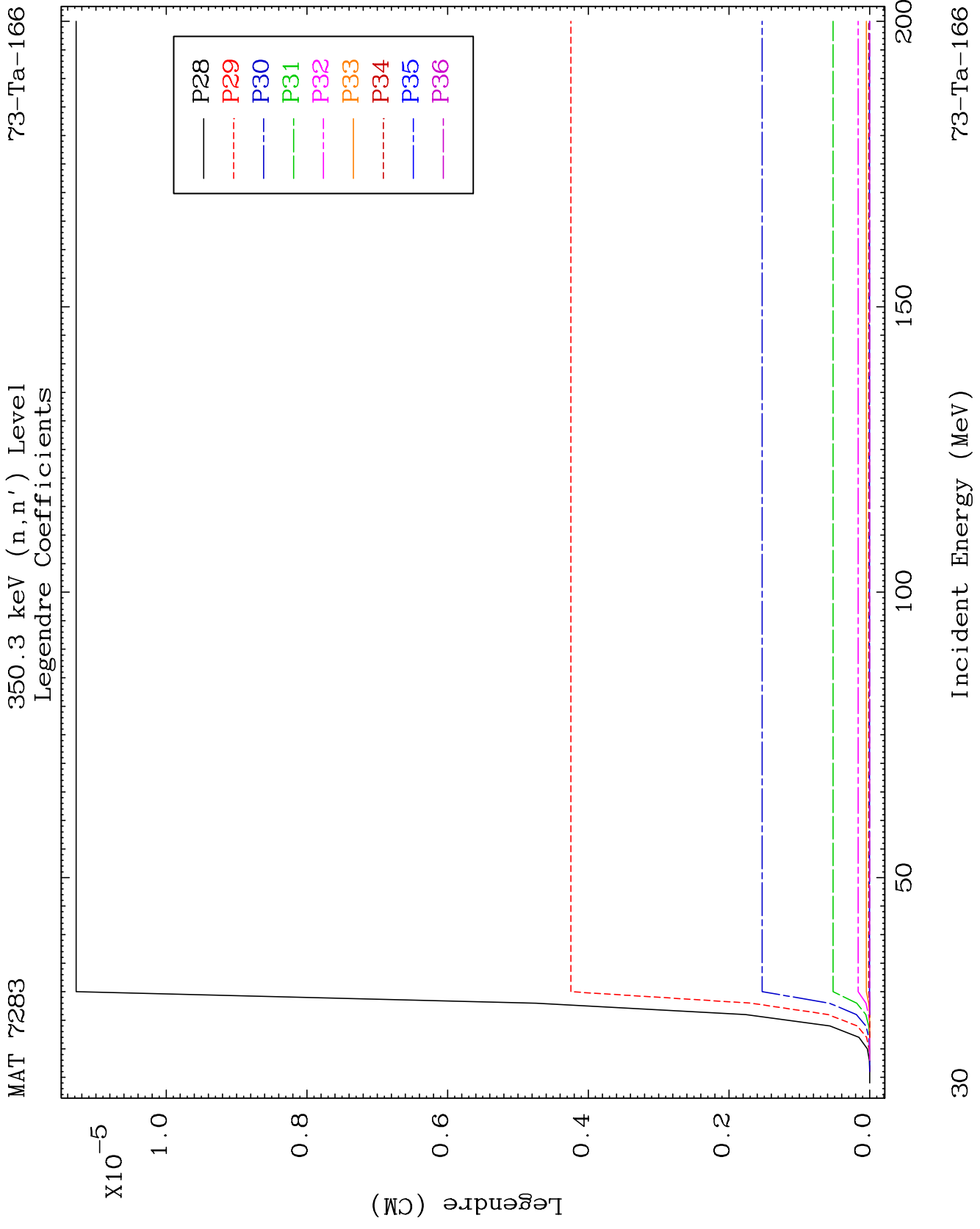


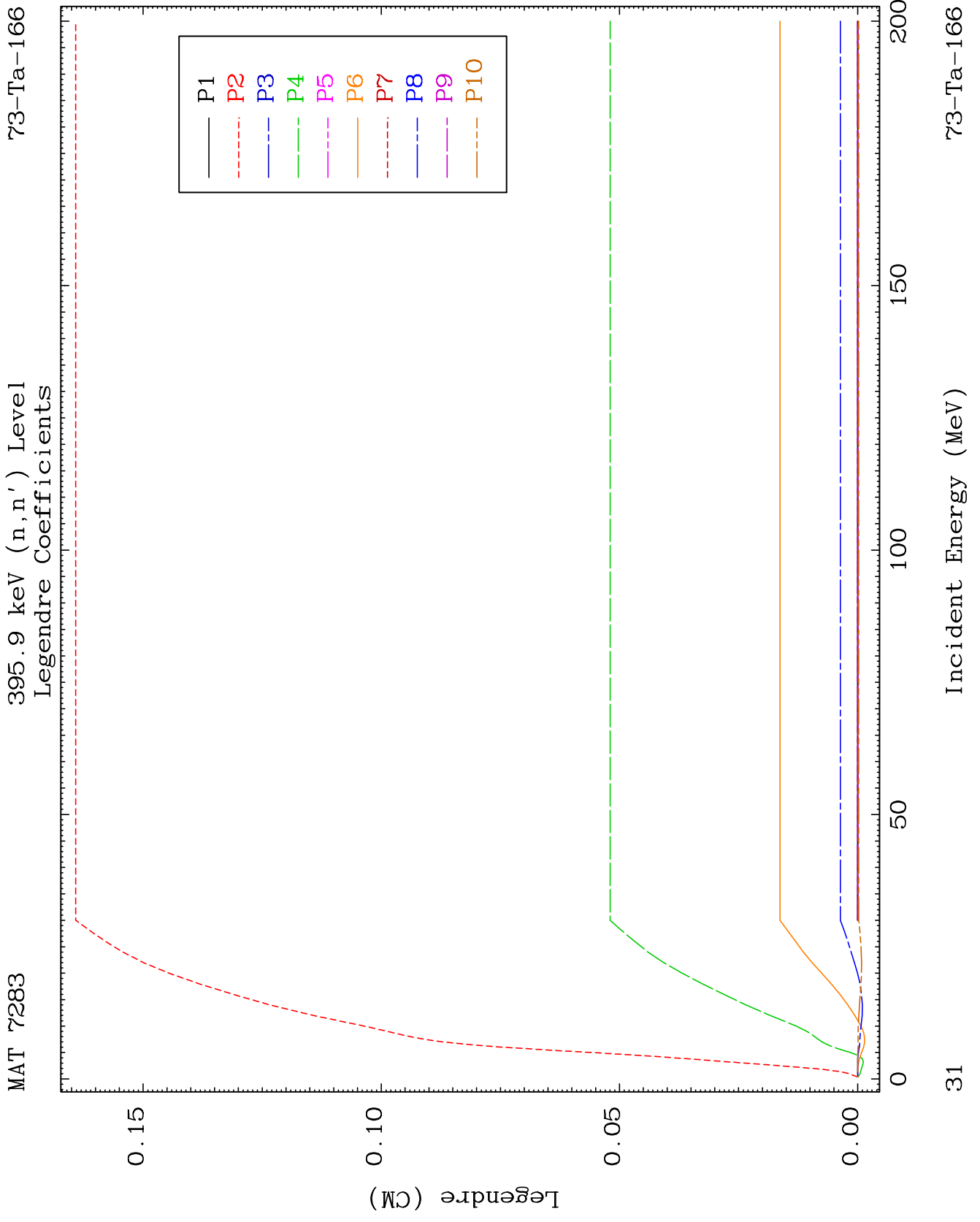
73-Ta-166

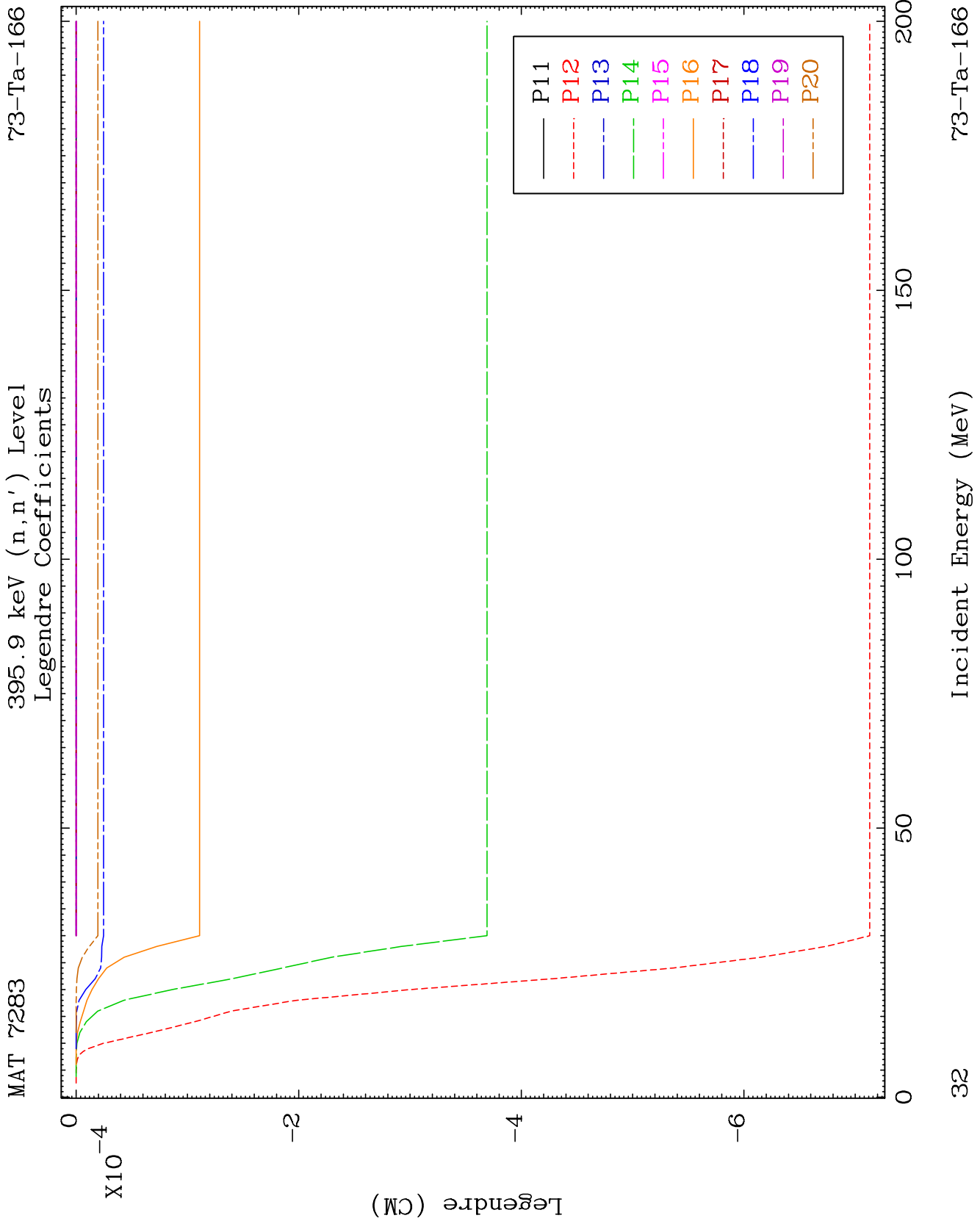
Incident Energy (MeV)

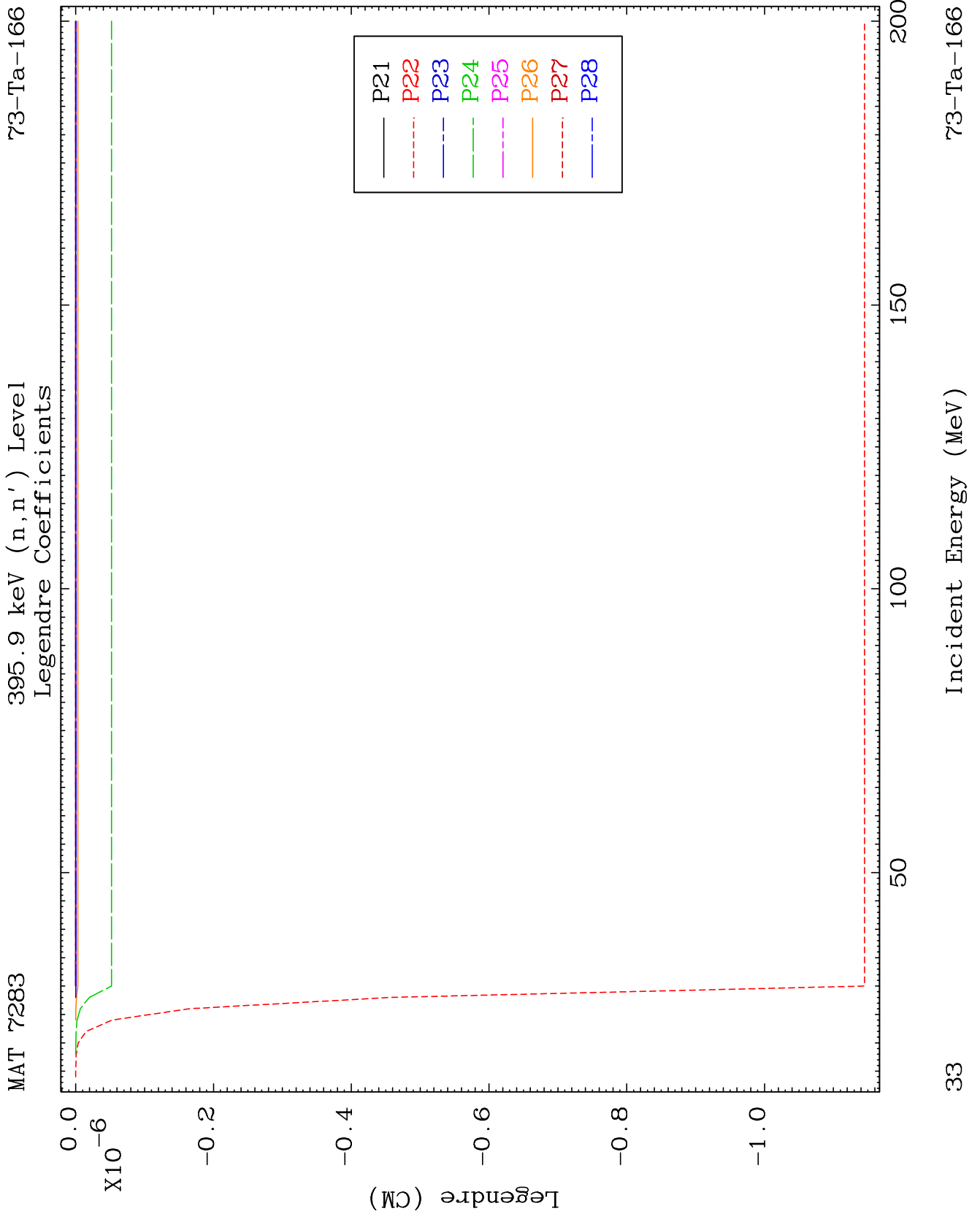
28







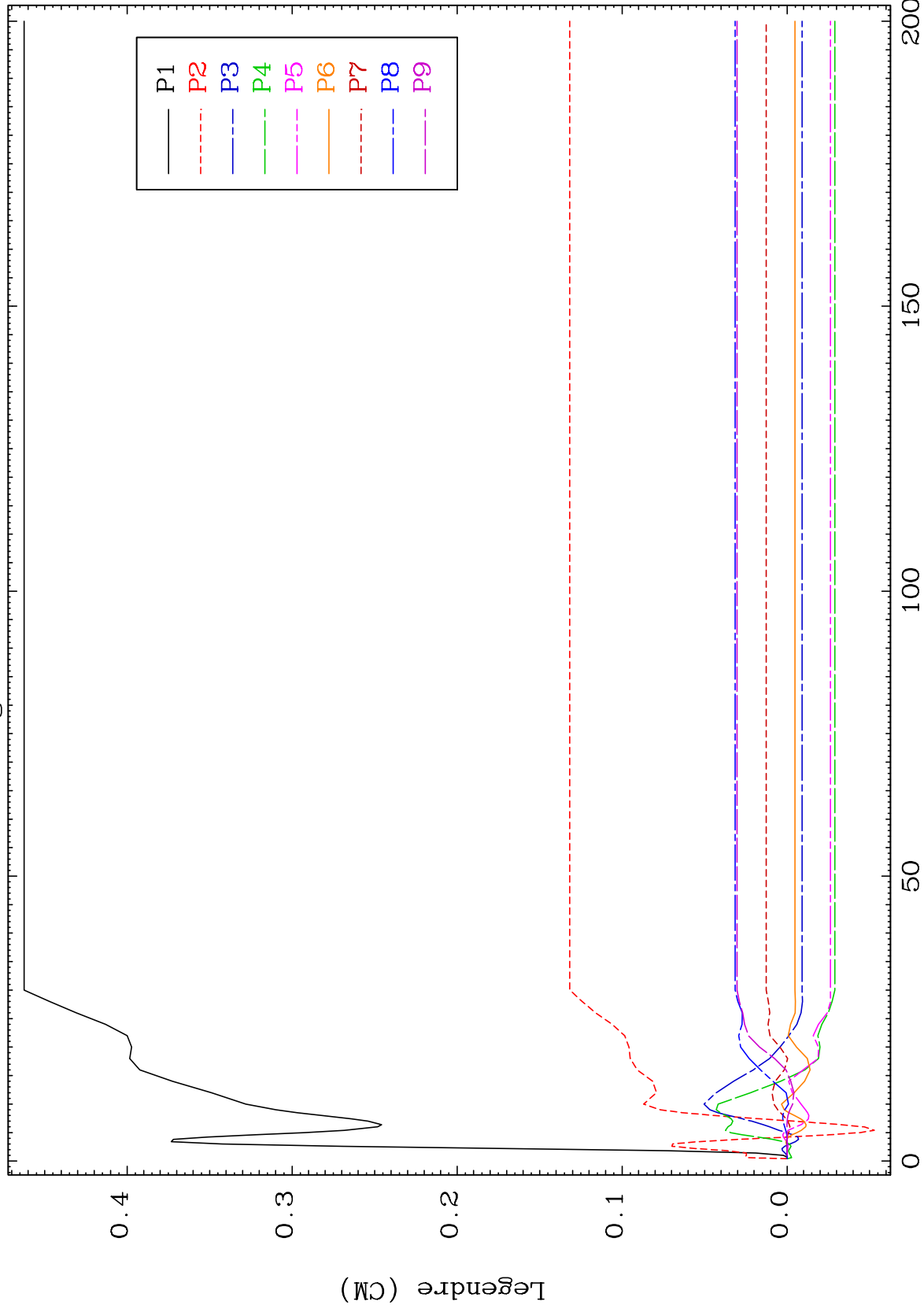




MAT 7283

400.0 keV (n,n') Level
Legendre Coefficients

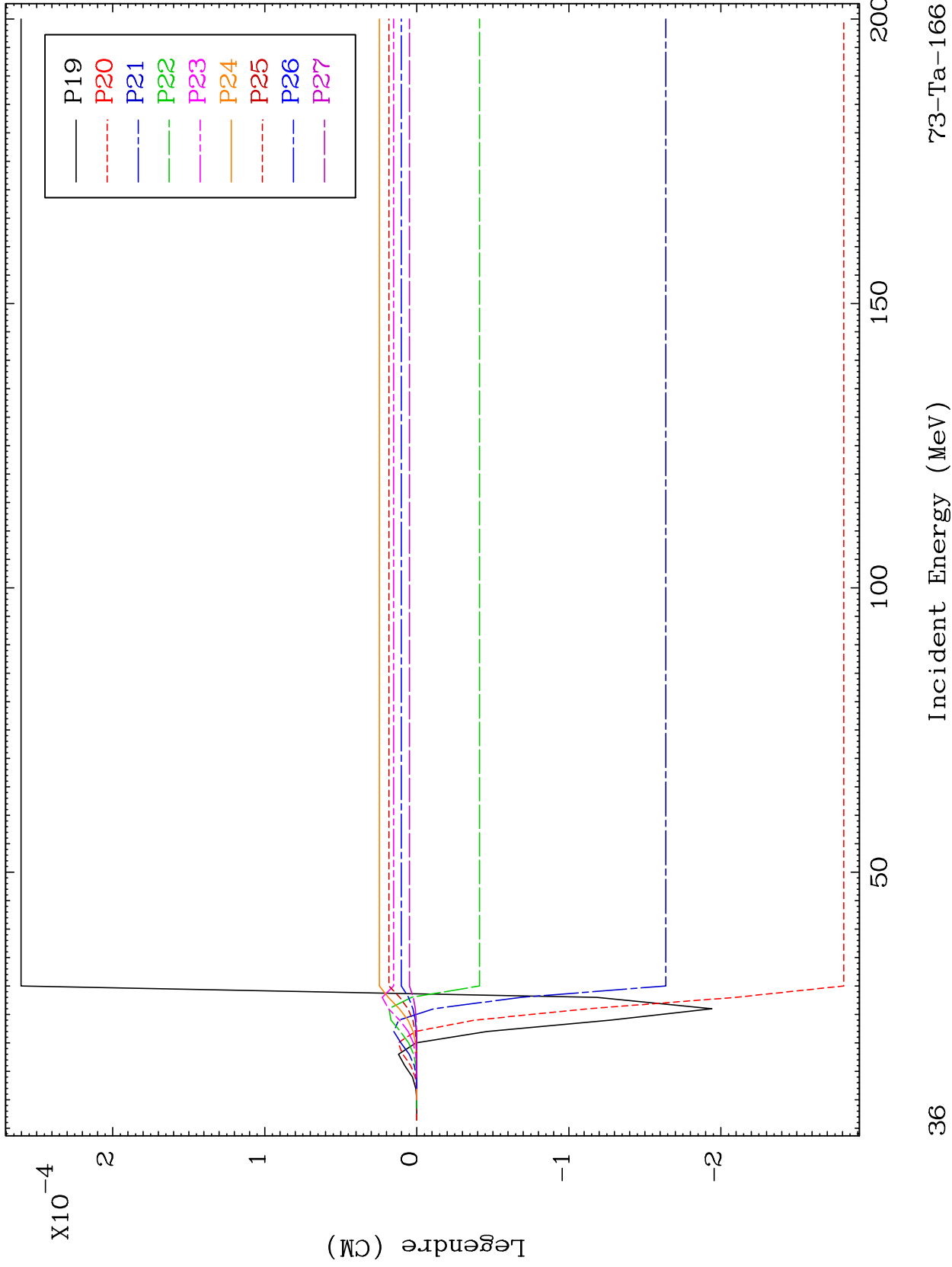
73-Ta-166



34

Incident Energy (MeV)

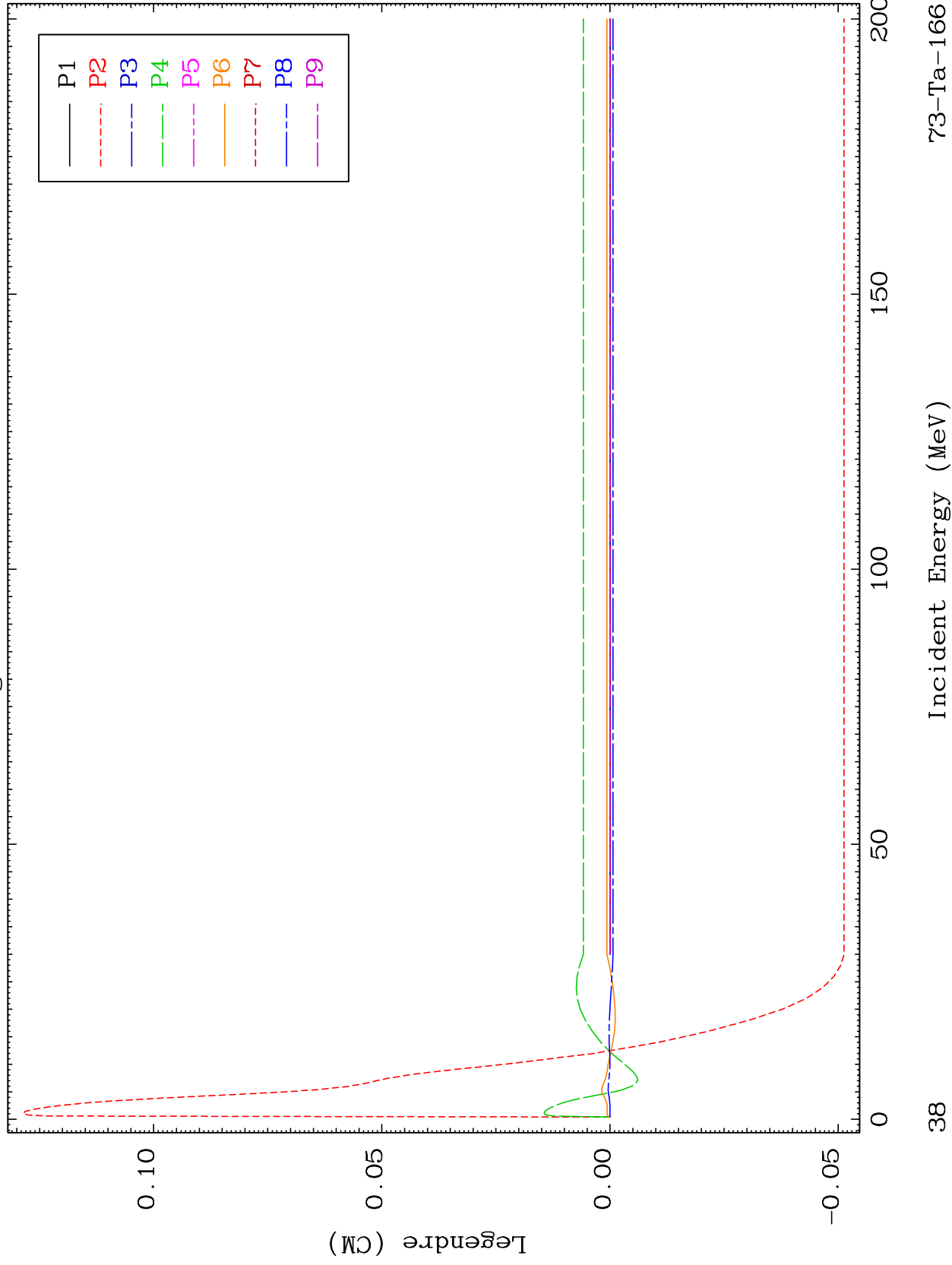
73-Ta-166



MAT 7283

401.2 keV (n,n') Level
Legendre Coefficients

73-Ta-166

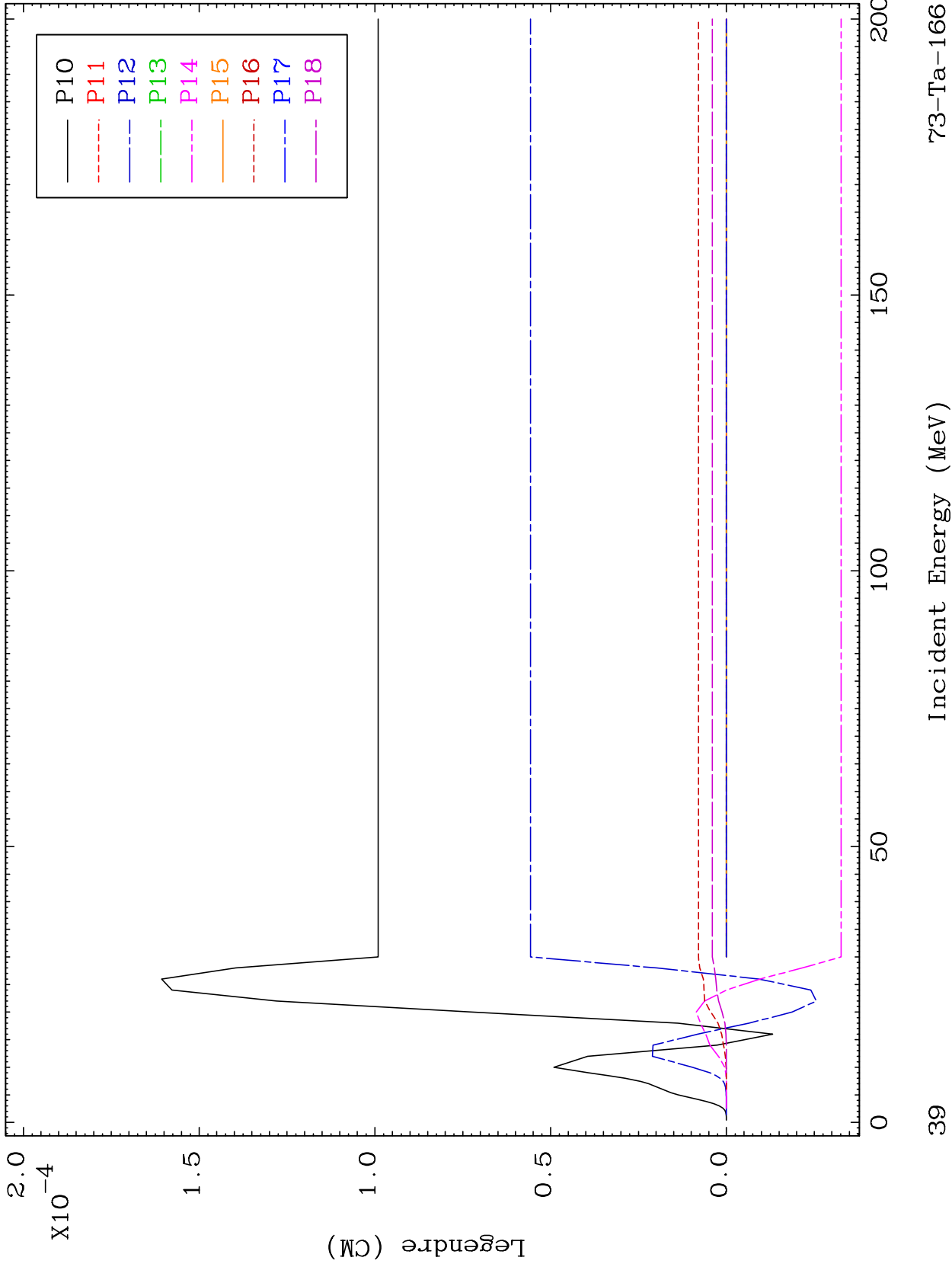


38

MAT 7283

401.2 keV (n,n') Level
Legendre Coefficients

73-Ta-166



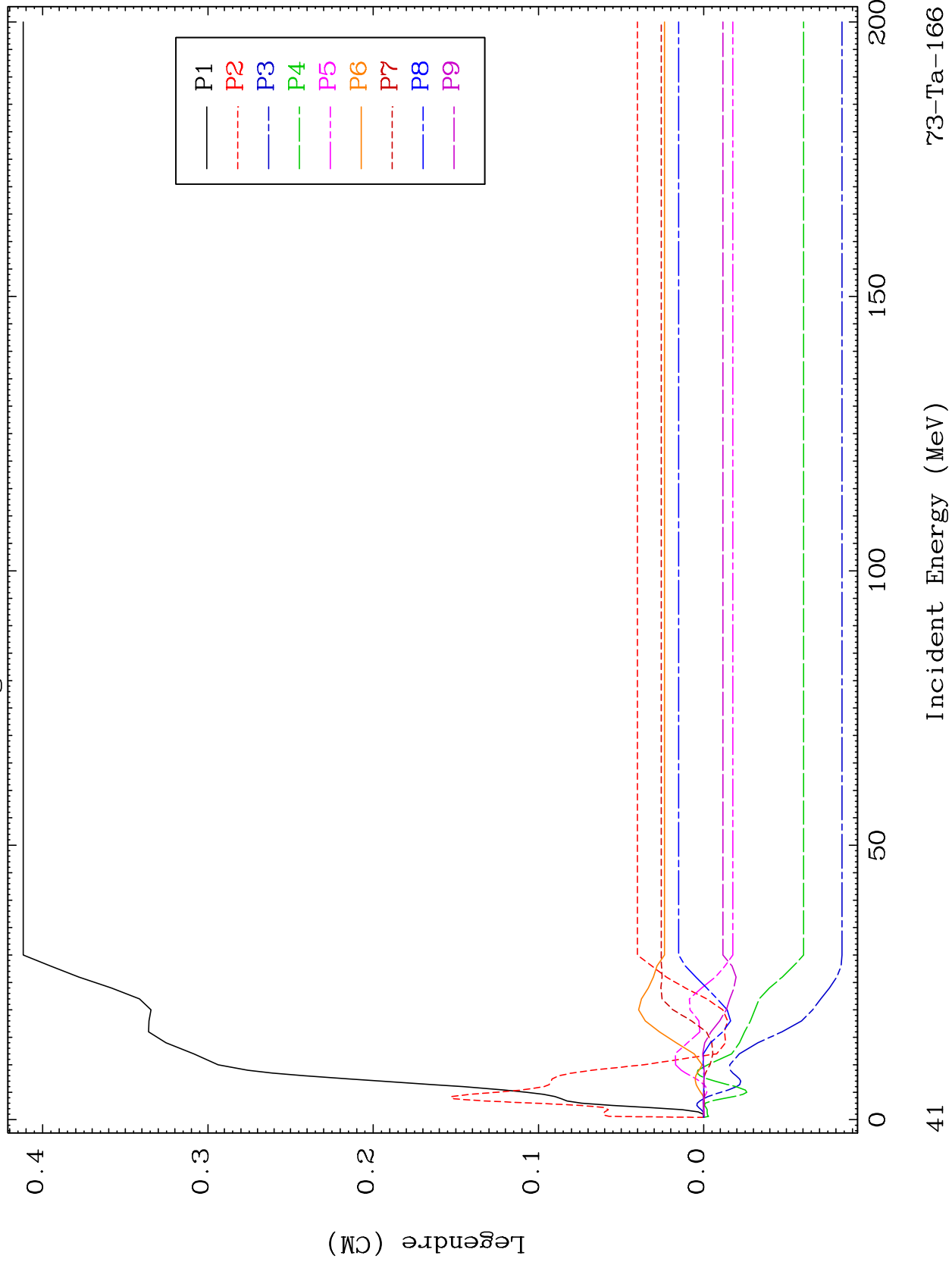
39

73-Ta-166

MAT 7283

404.0 keV (n,n') Level
Legendre Coefficients

73-Ta-166



73-Ta-166

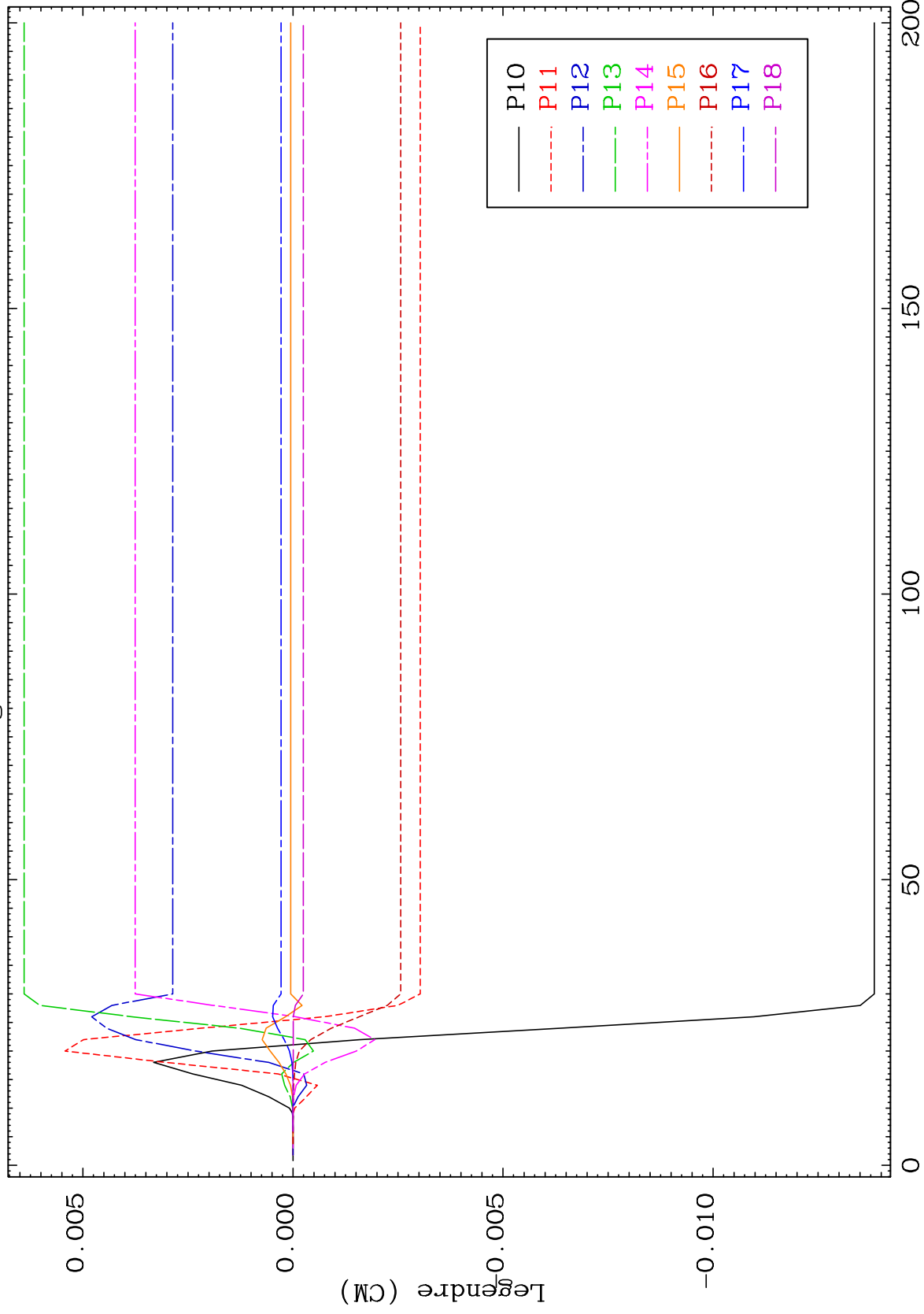
Incident Energy (MeV)

41

MAT 7283

404.0 keV (n,n') Level
Legendre Coefficients

73-Ta-166



42

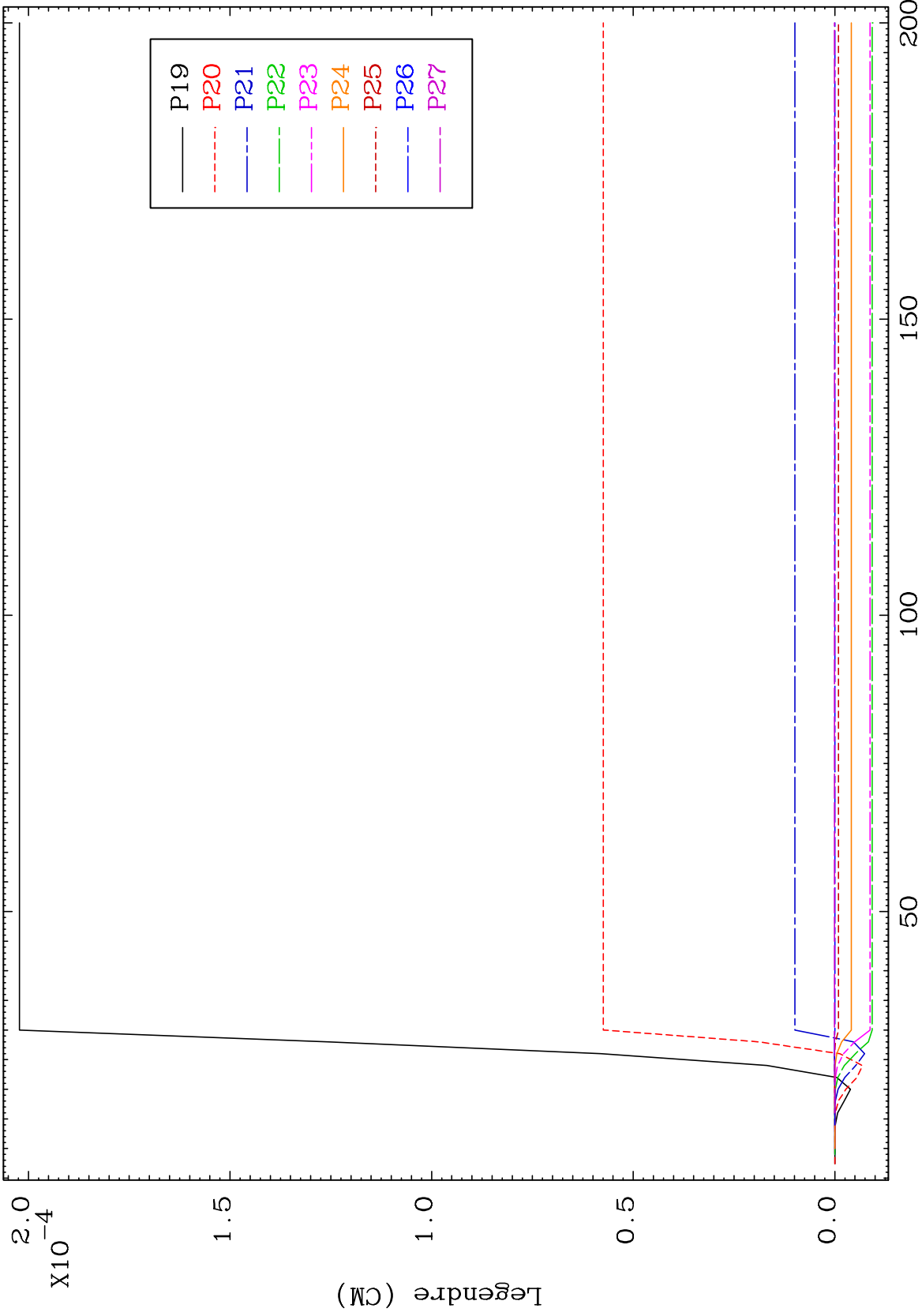
Incident Energy (MeV)

73-Ta-166

MAT 7283

404.0 keV (n, n') Level
Legendre Coefficients

73-Ta-166



43

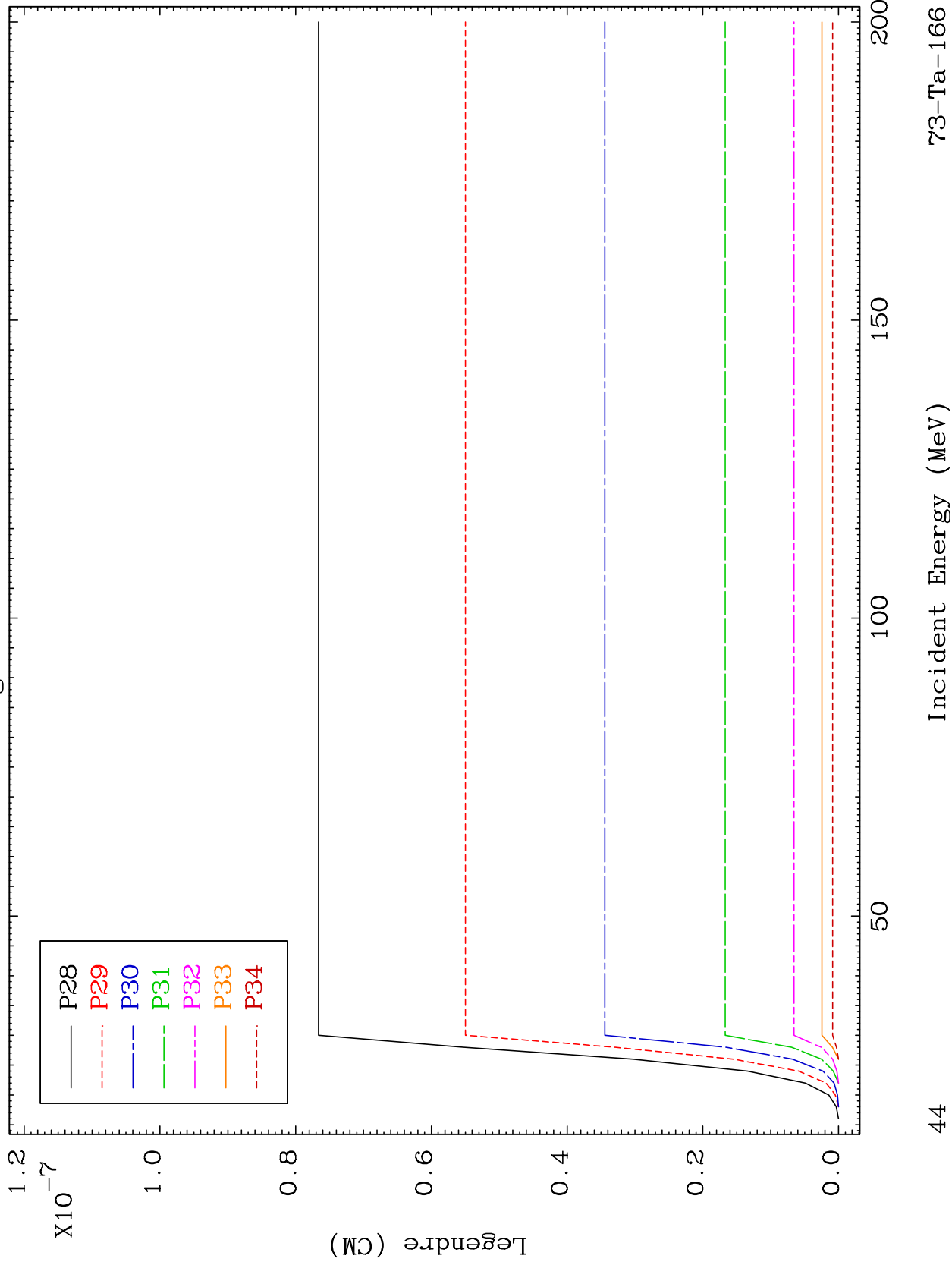
Incident Energy (MeV)

73-Ta-166

MAT 7283

404.0 keV (n,n') Level
Legendre Coefficients

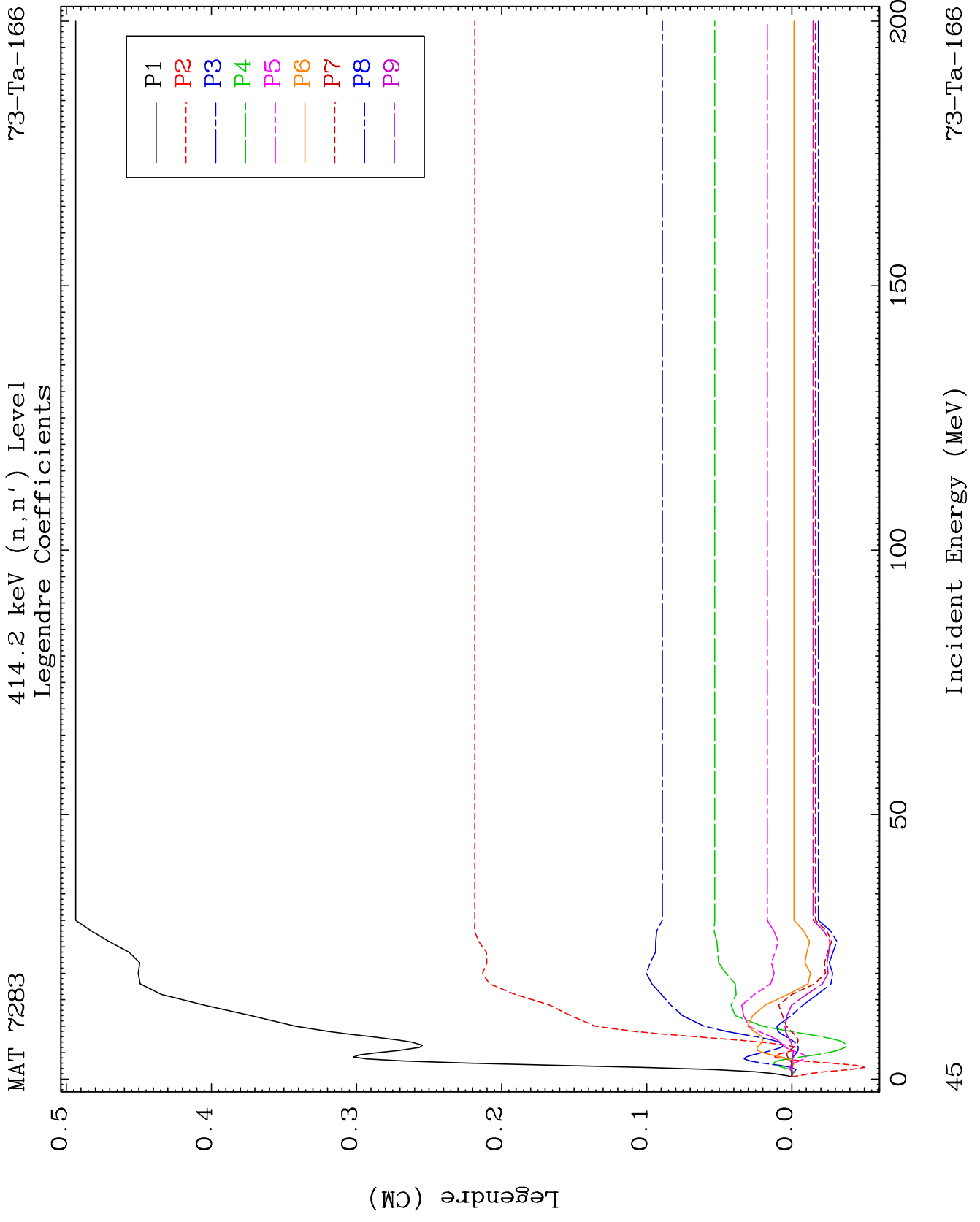
73-Ta-166



44

Incident Energy (MeV)

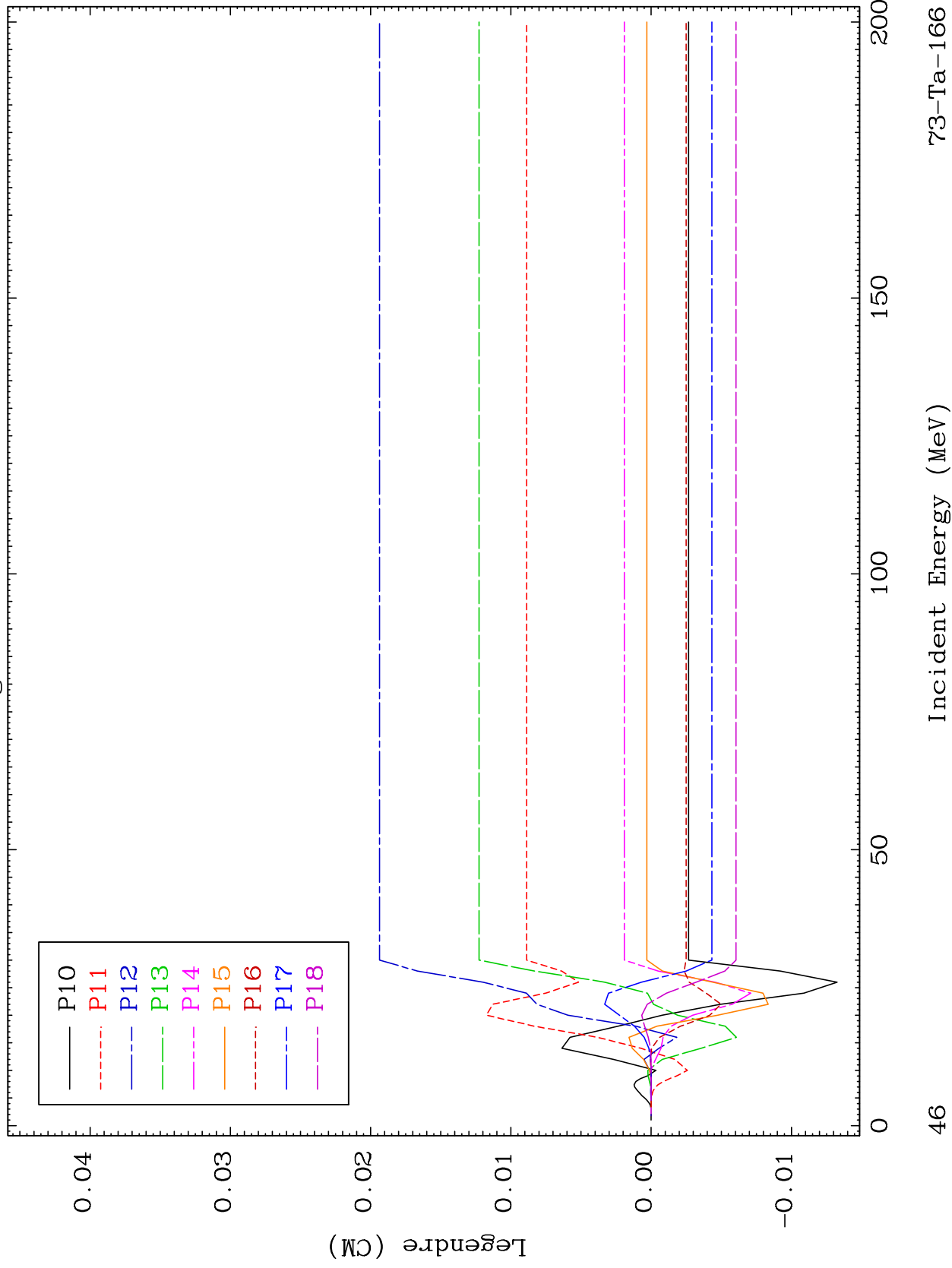
73-Ta-166



MAT 7283

414.2 keV (n, n') Level
Legendre Coefficients

73-Ta-166



46

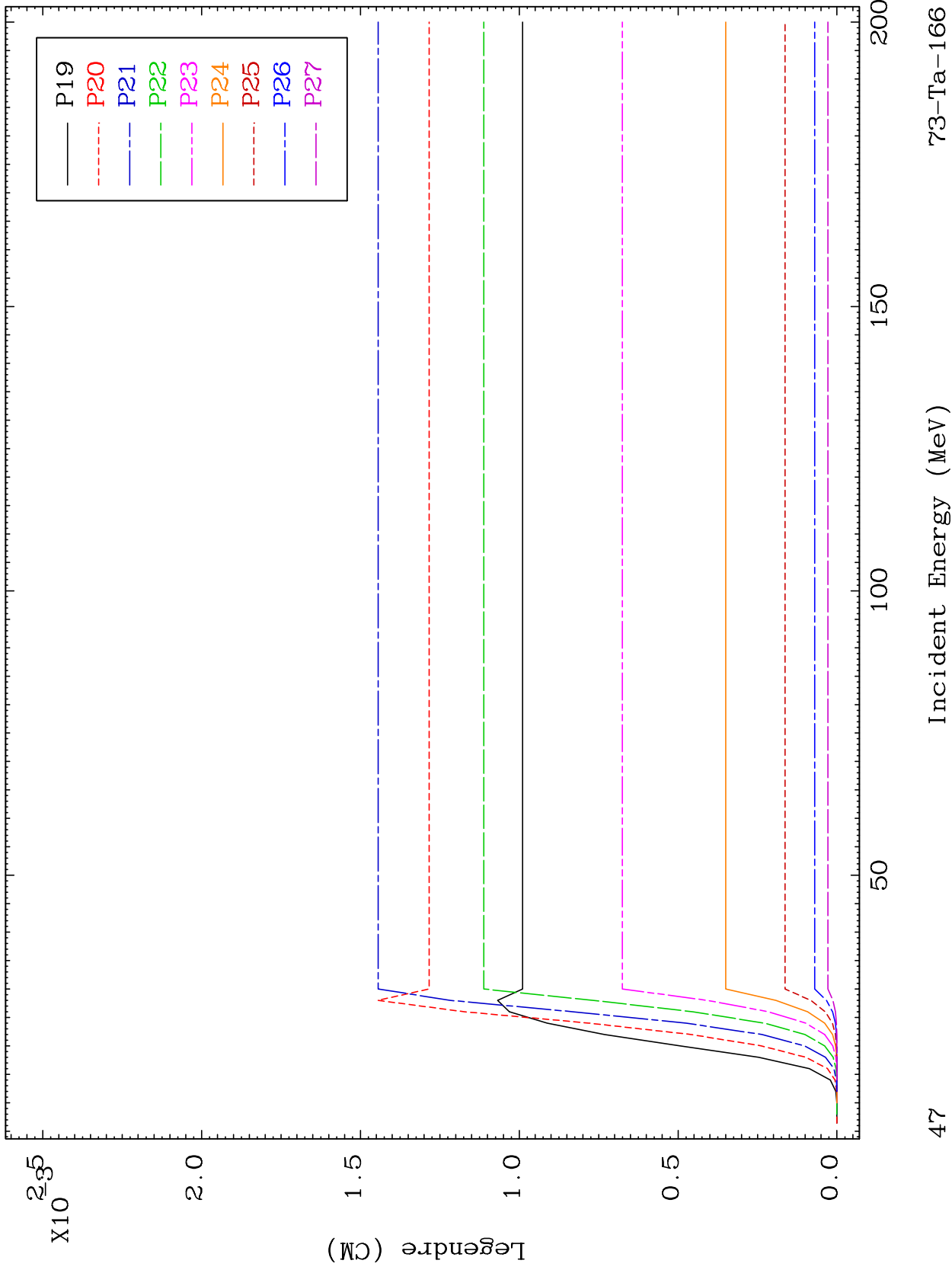
Incident Energy (MeV)

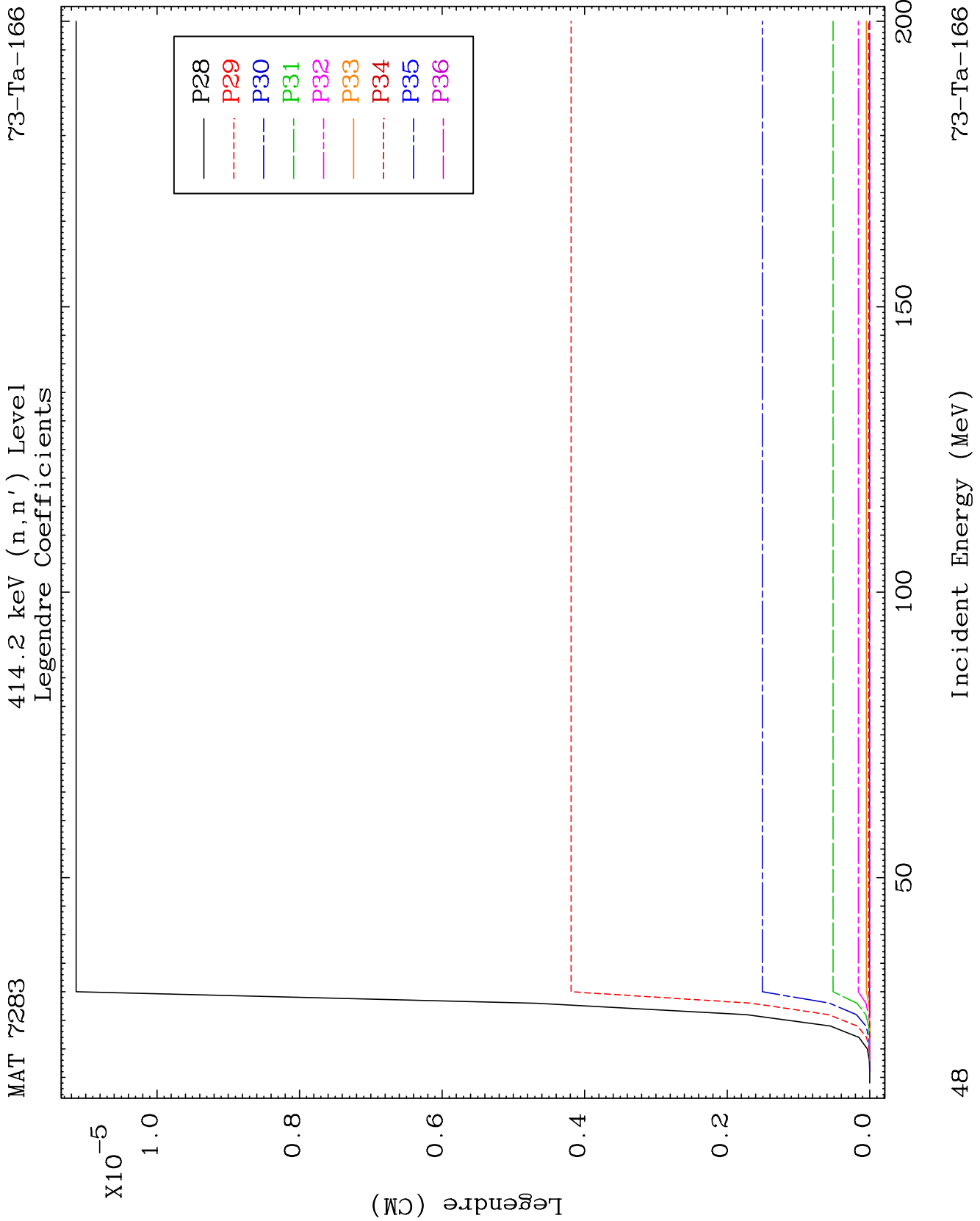
73-Ta-166

MAT 7283

414.2 keV (n,n') Level
Legendre Coefficients

73-Ta-166

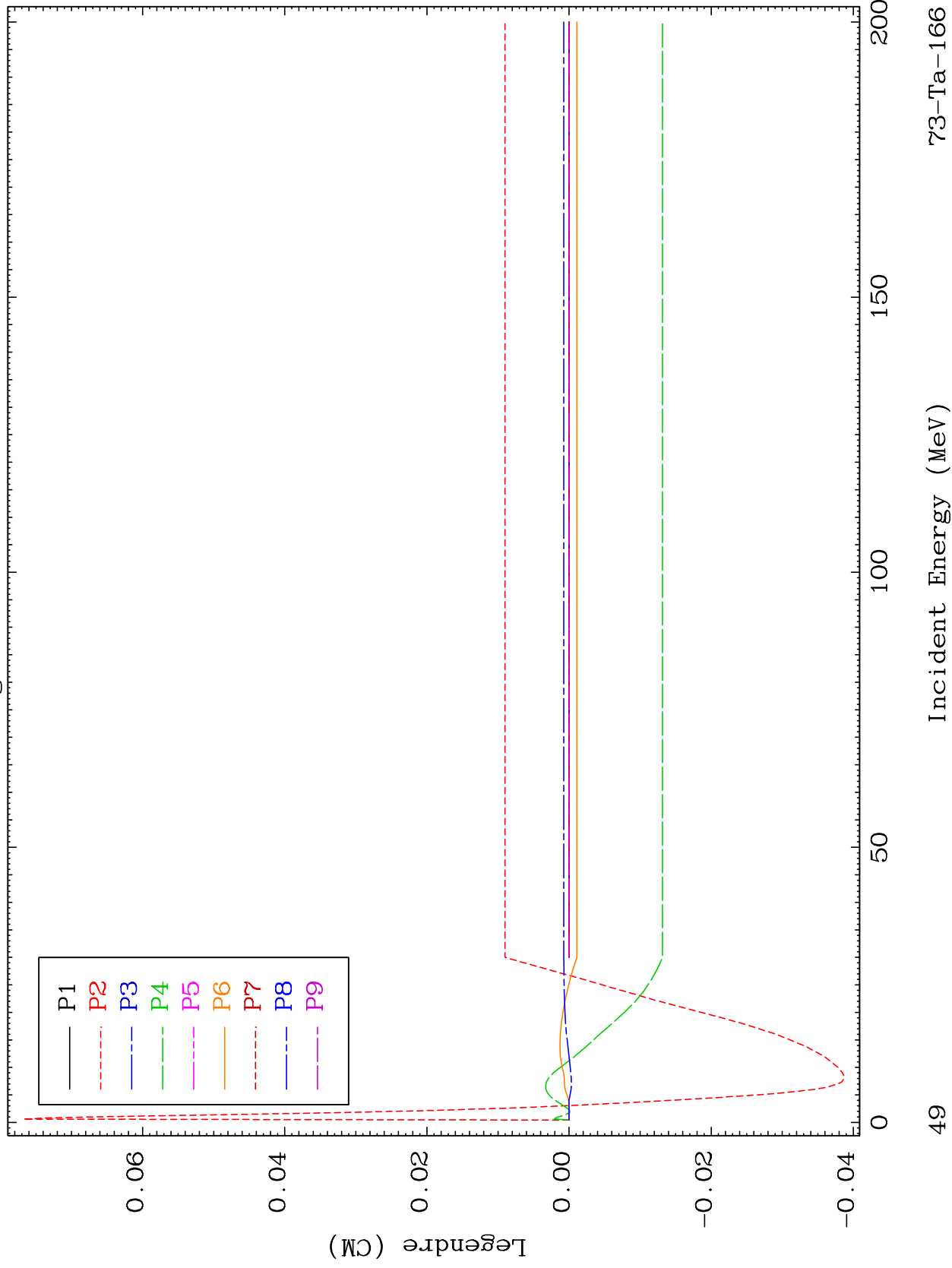




MAT 7283

418.0 keV (n,n') Level
Legendre Coefficients

73-Ta-166



73-Ta-166

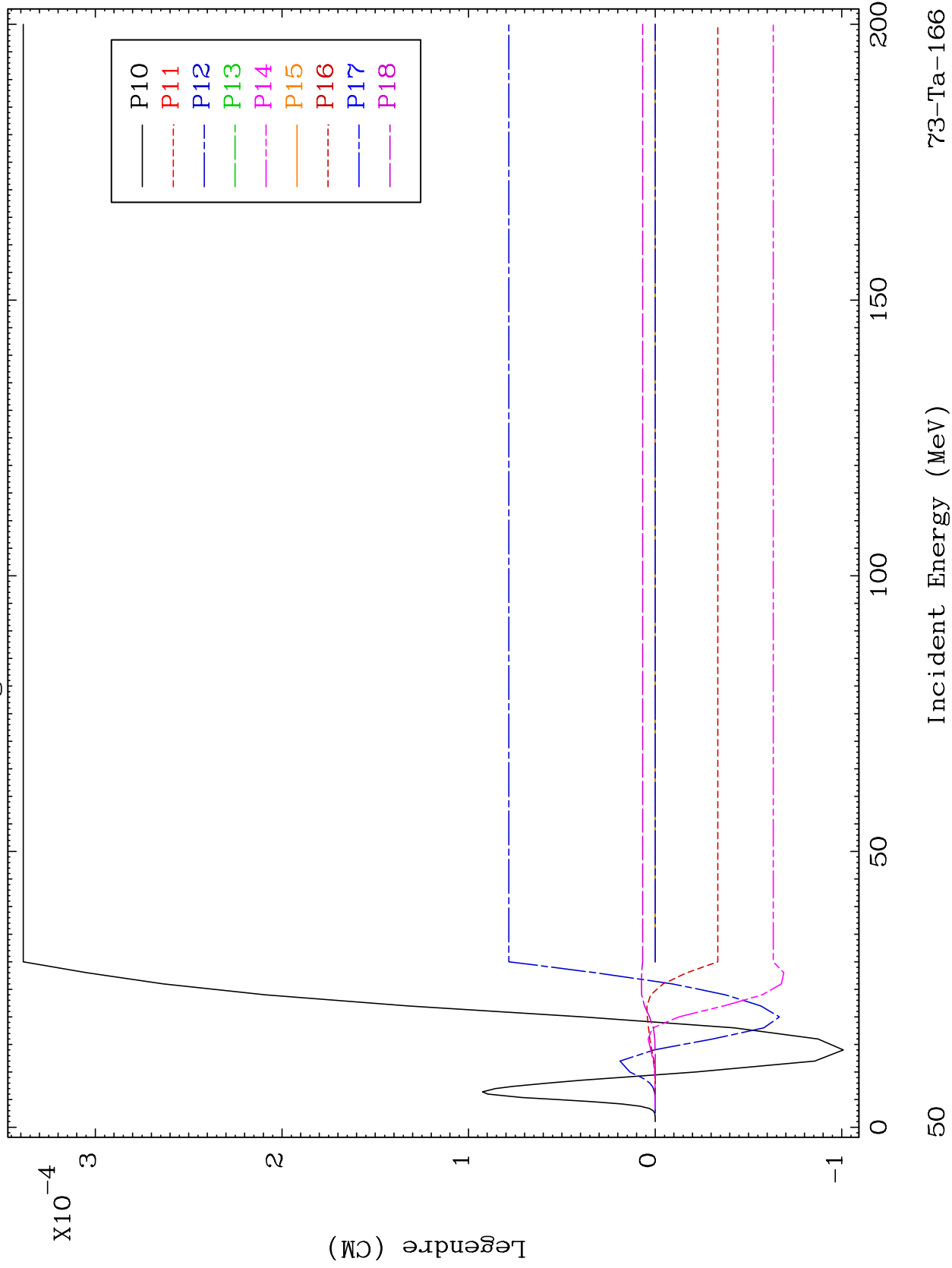
Incident Energy (MeV)

49

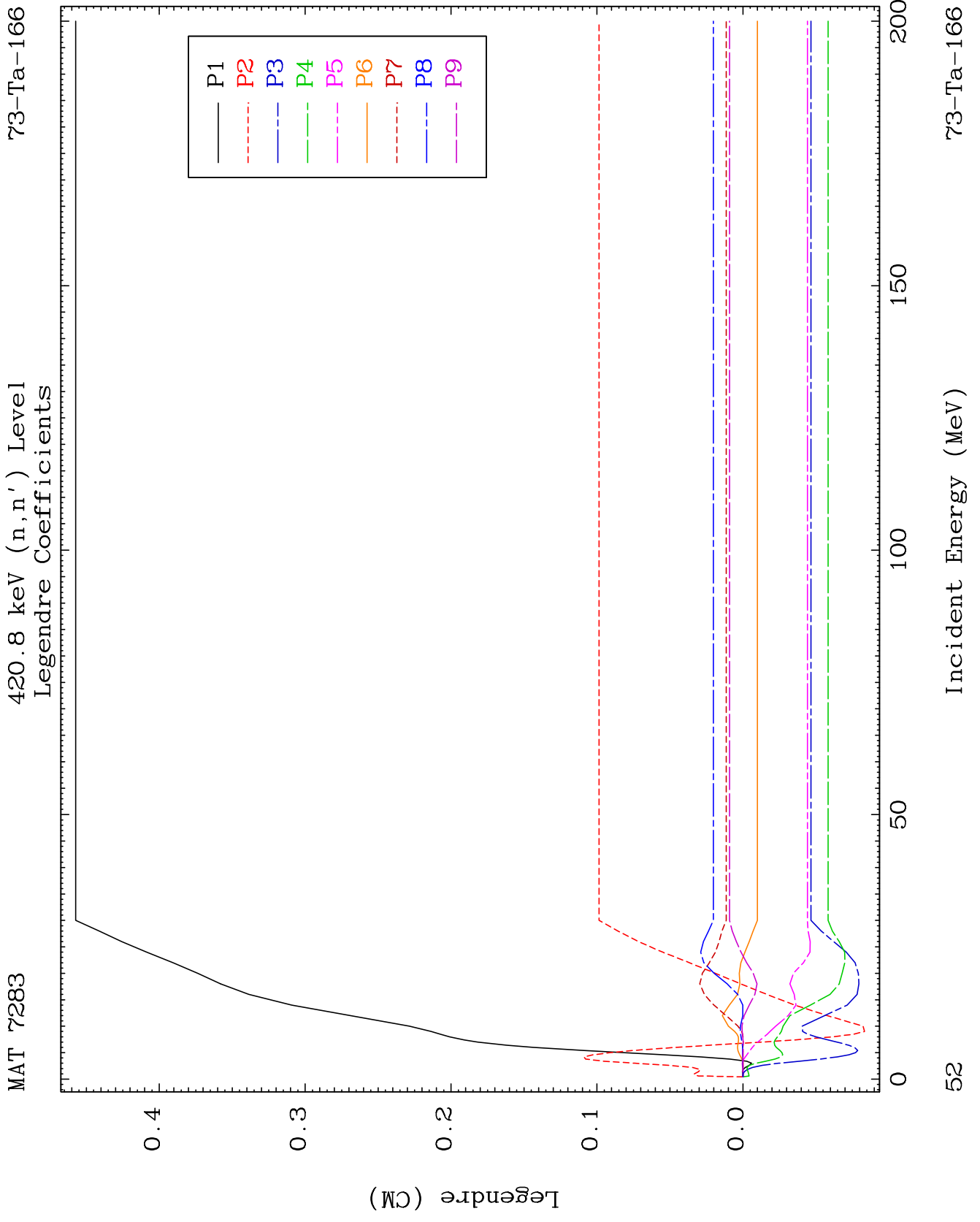
MAT 7283

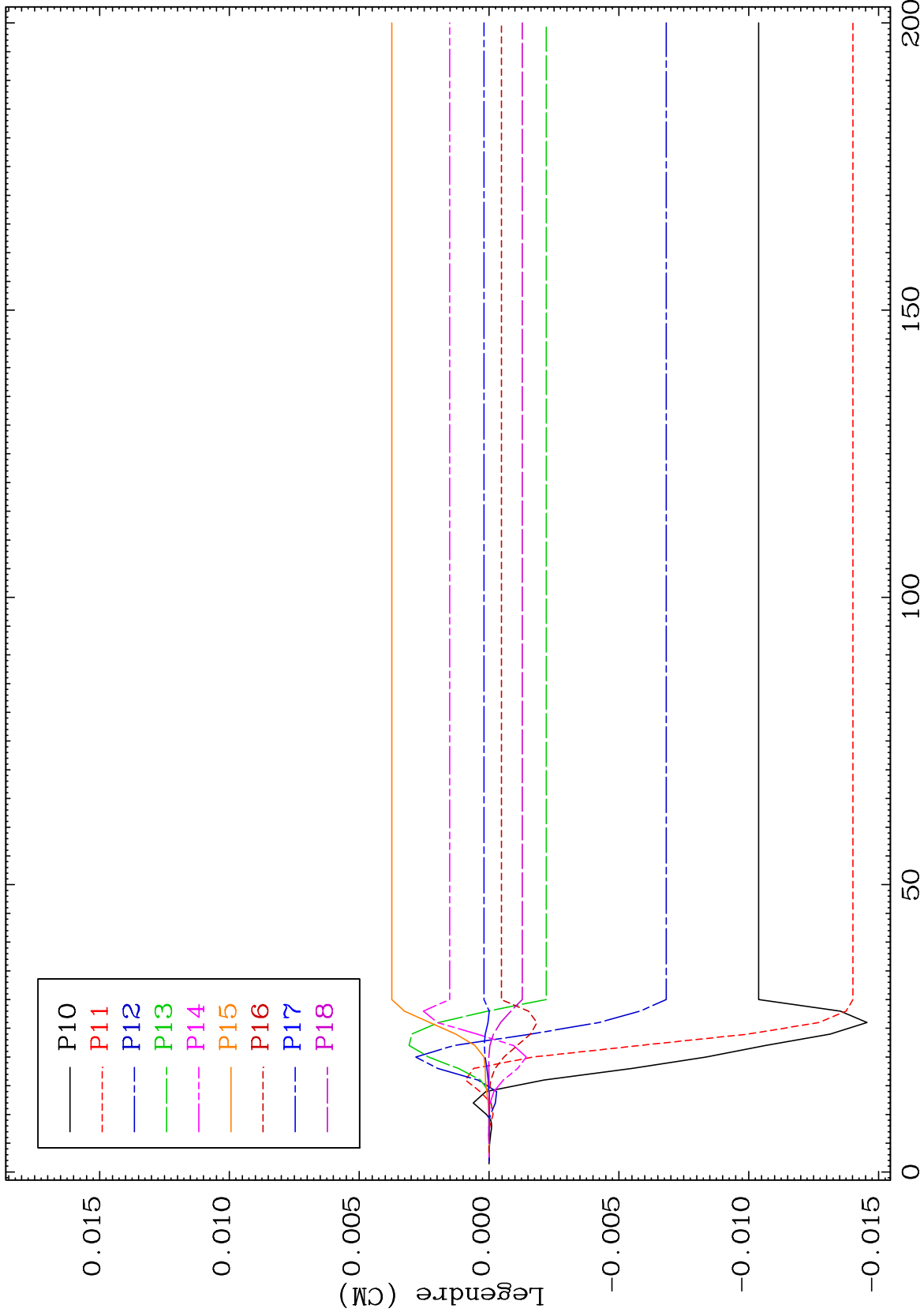
418.0 keV (n,n') Level
Legendre Coefficients

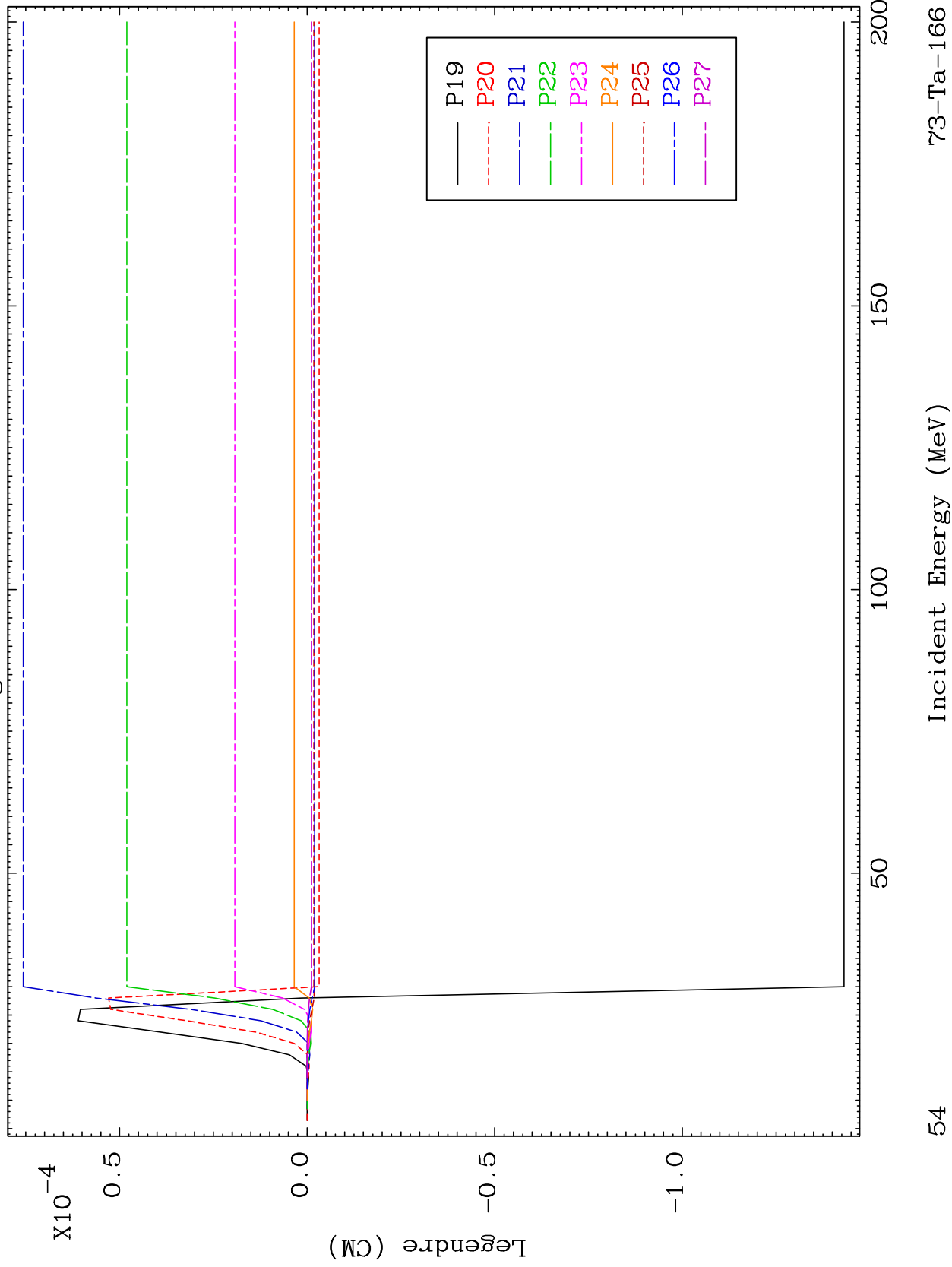
73-Ta-166

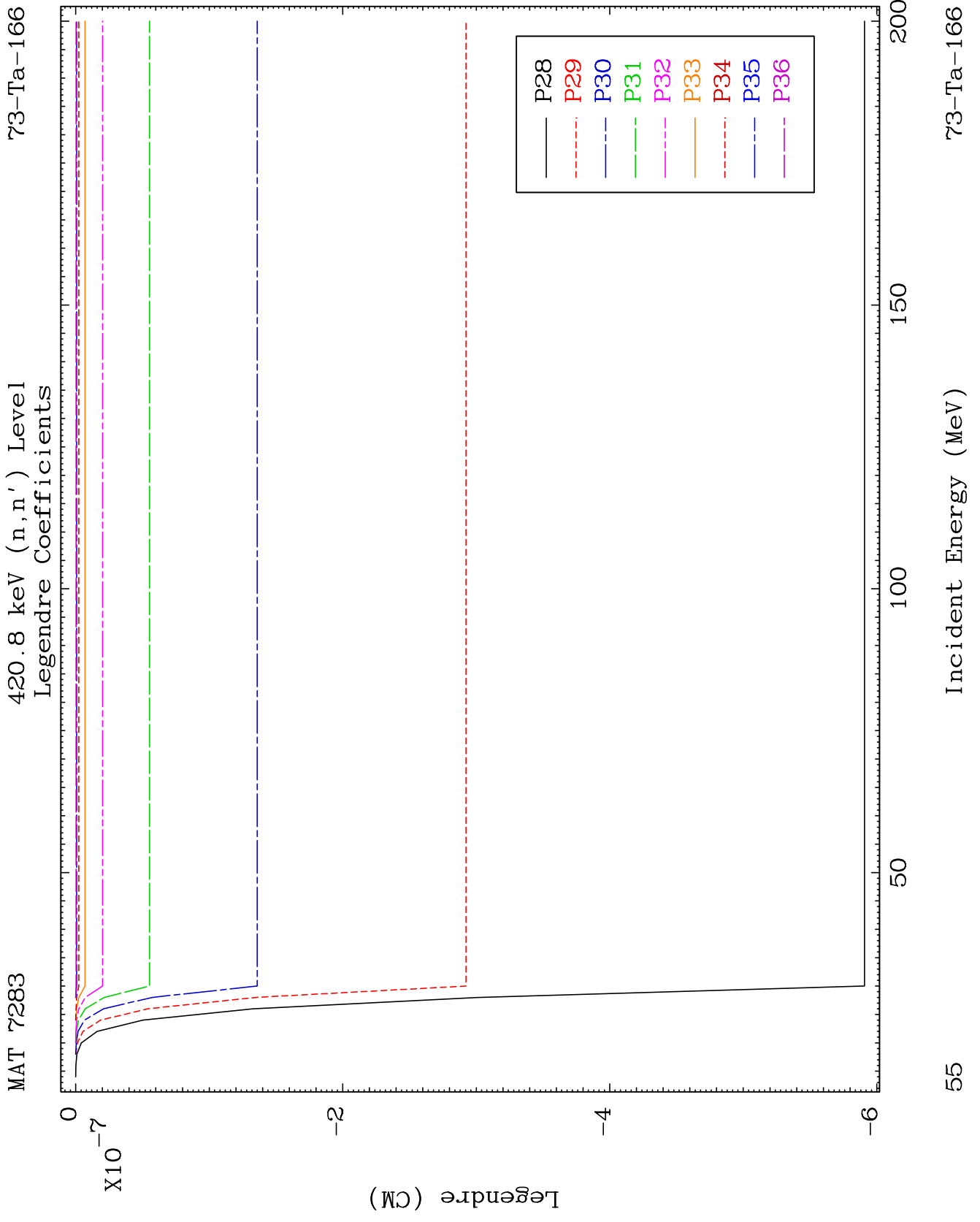


73-Ta-166





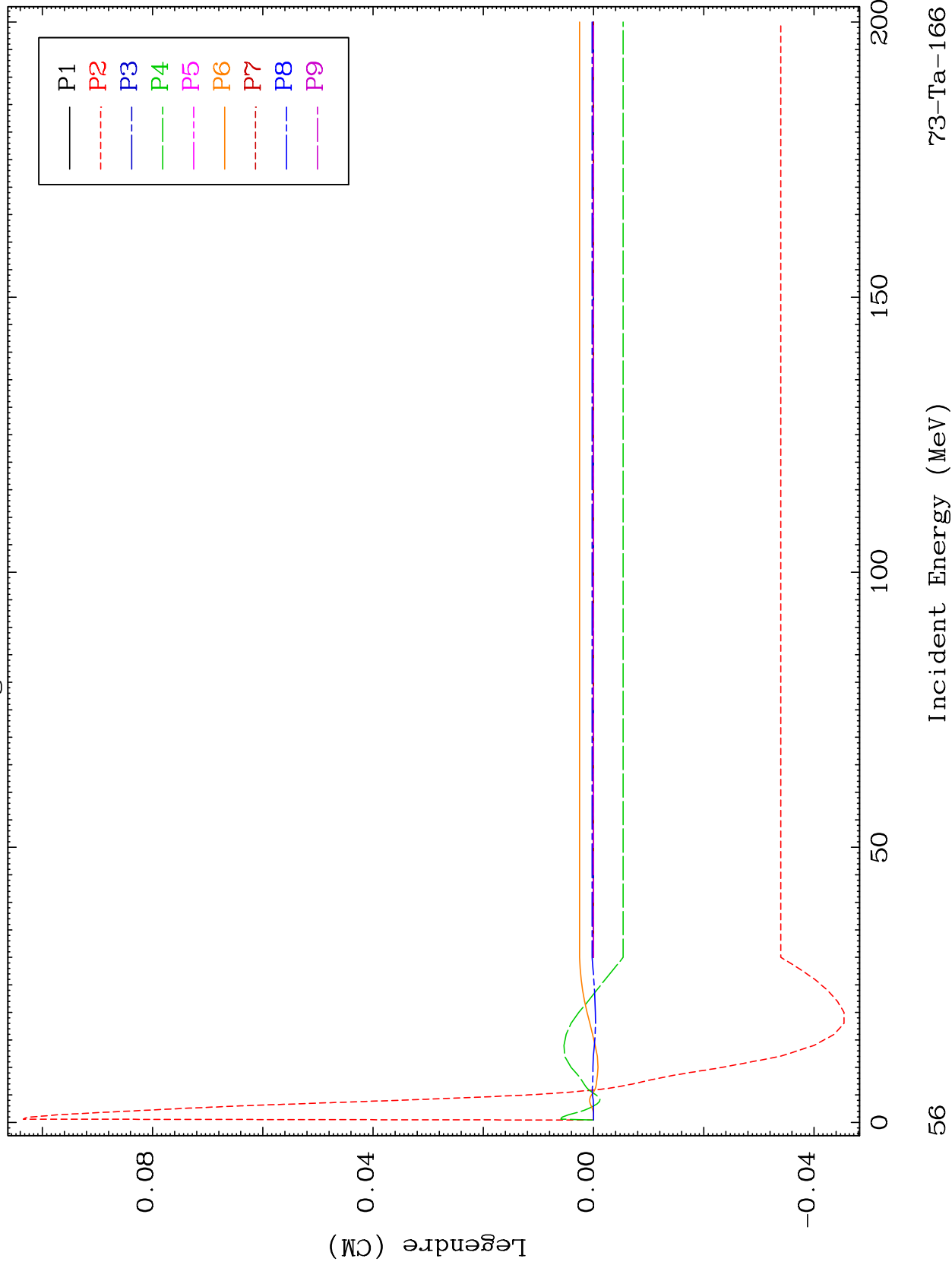




MAT 7283

422.7 keV (n,n') Level
Legendre Coefficients

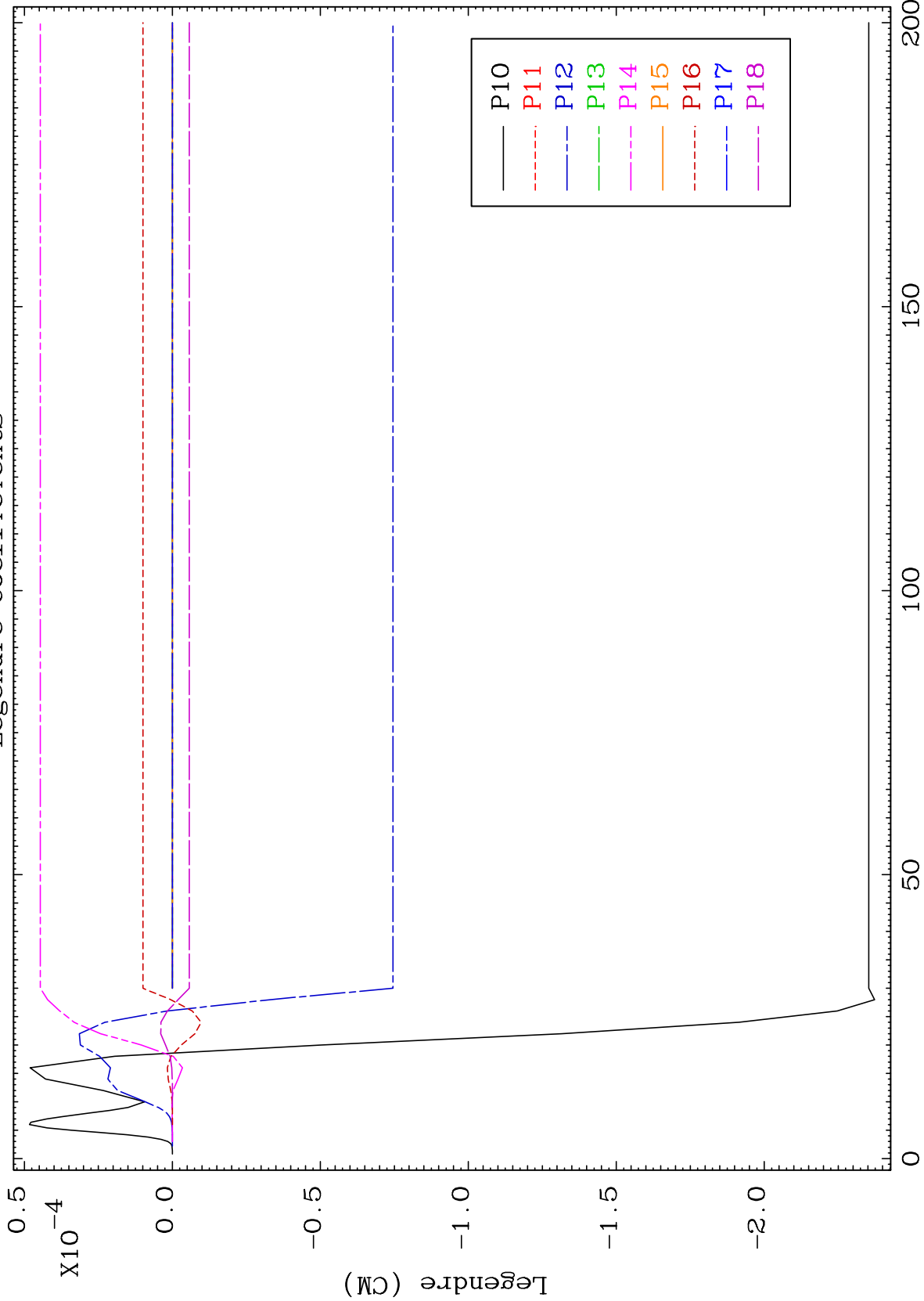
73-Ta-166



73-Ta-166

Incident Energy (MeV)

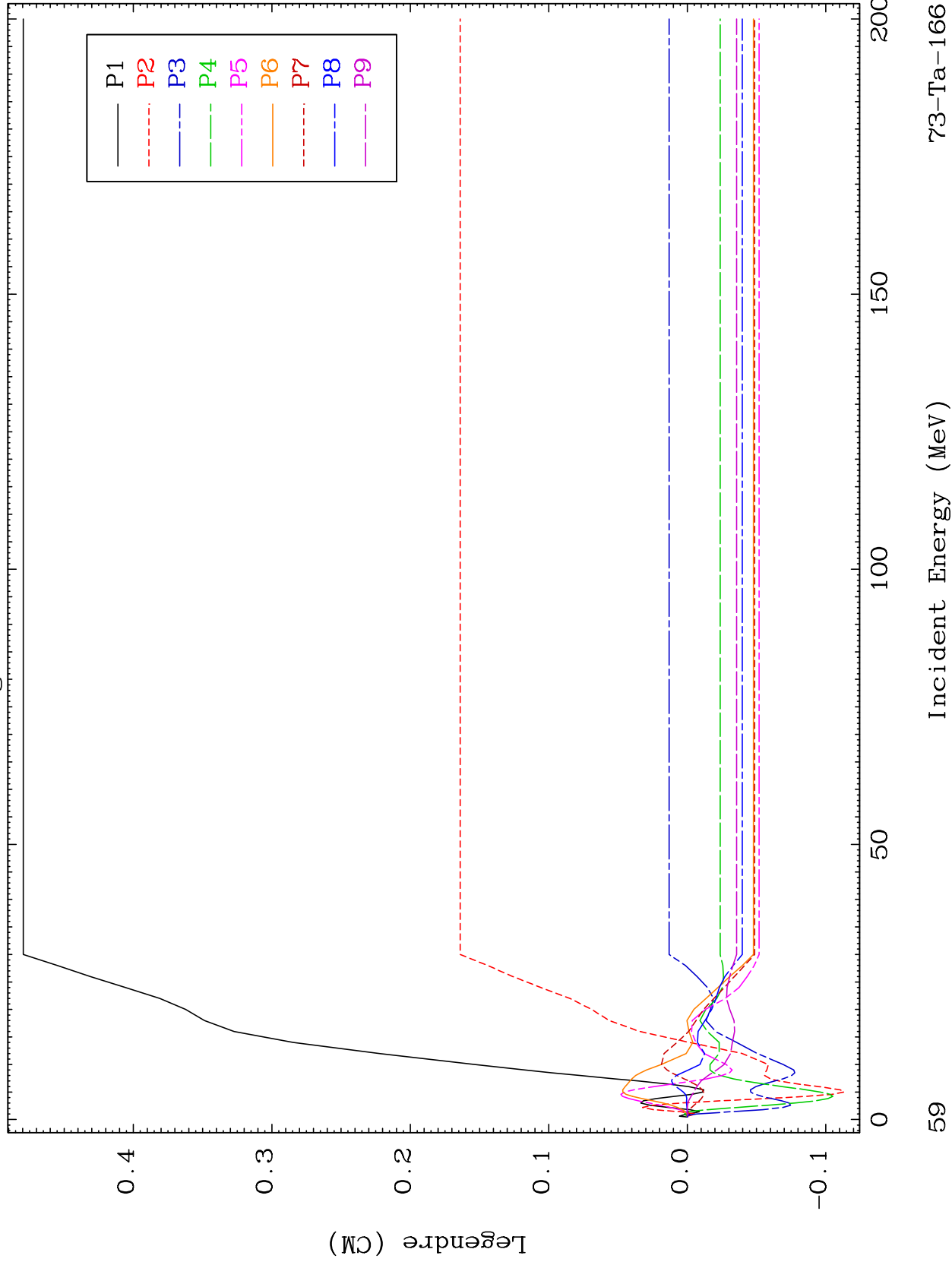
56



MAT 7283

444.8 keV (n, n') Level
Legendre Coefficients

73-Ta-166



73-Ta-166

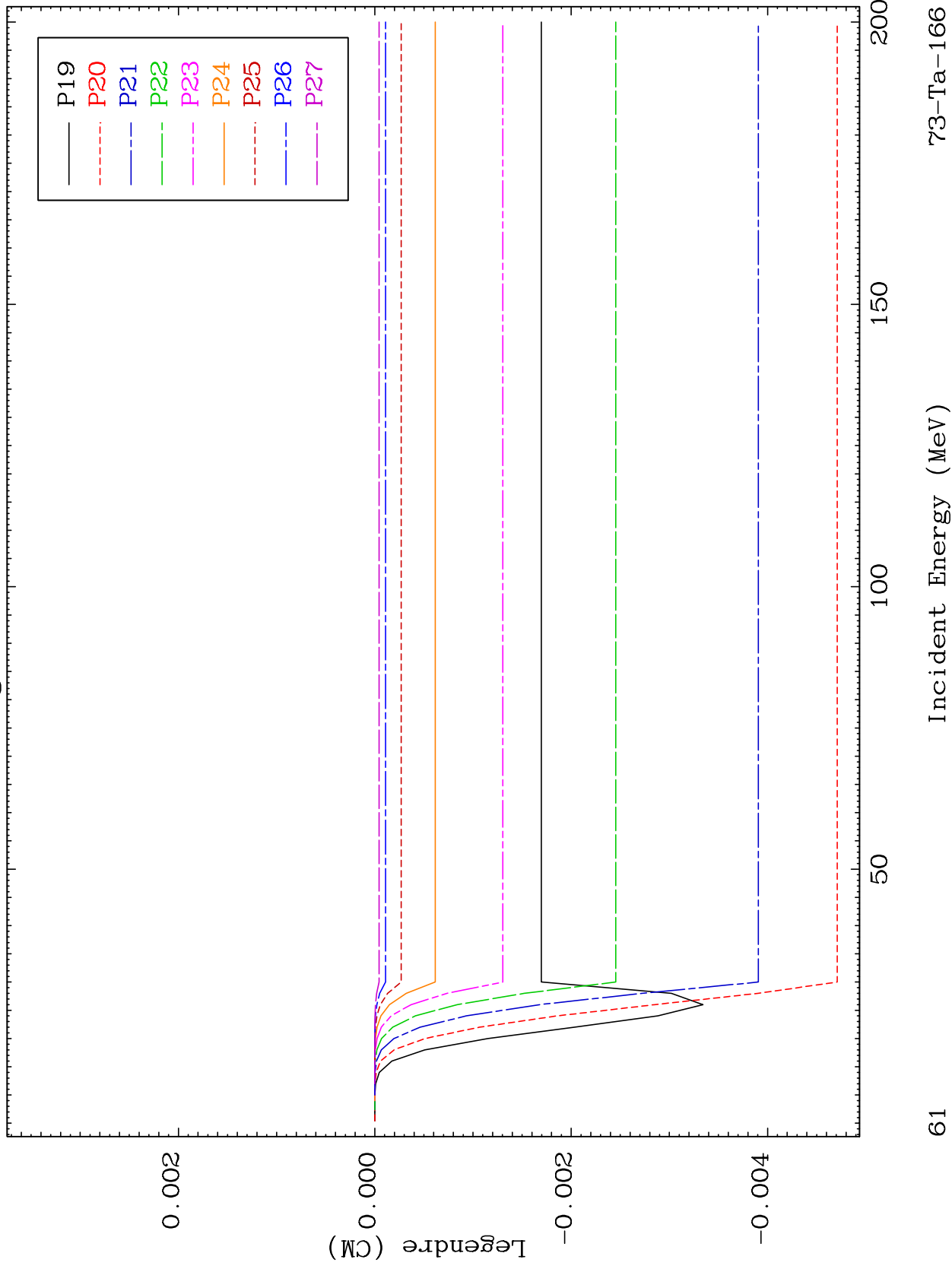
Incident Energy (MeV)

59

MAT 7283

444.8 keV (n,n') Level
Legendre Coefficients

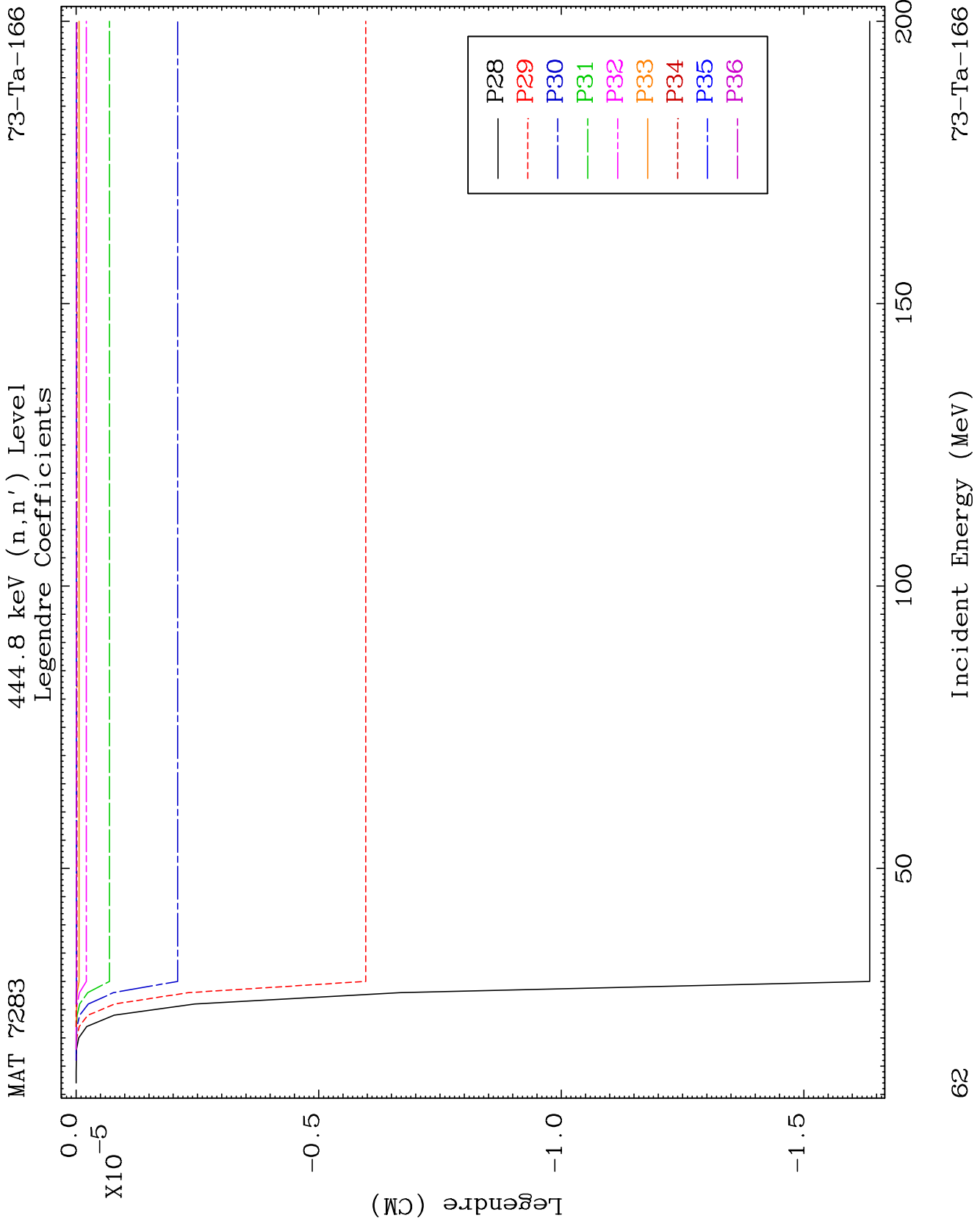
73-Ta-166



61

Incident Energy (MeV)

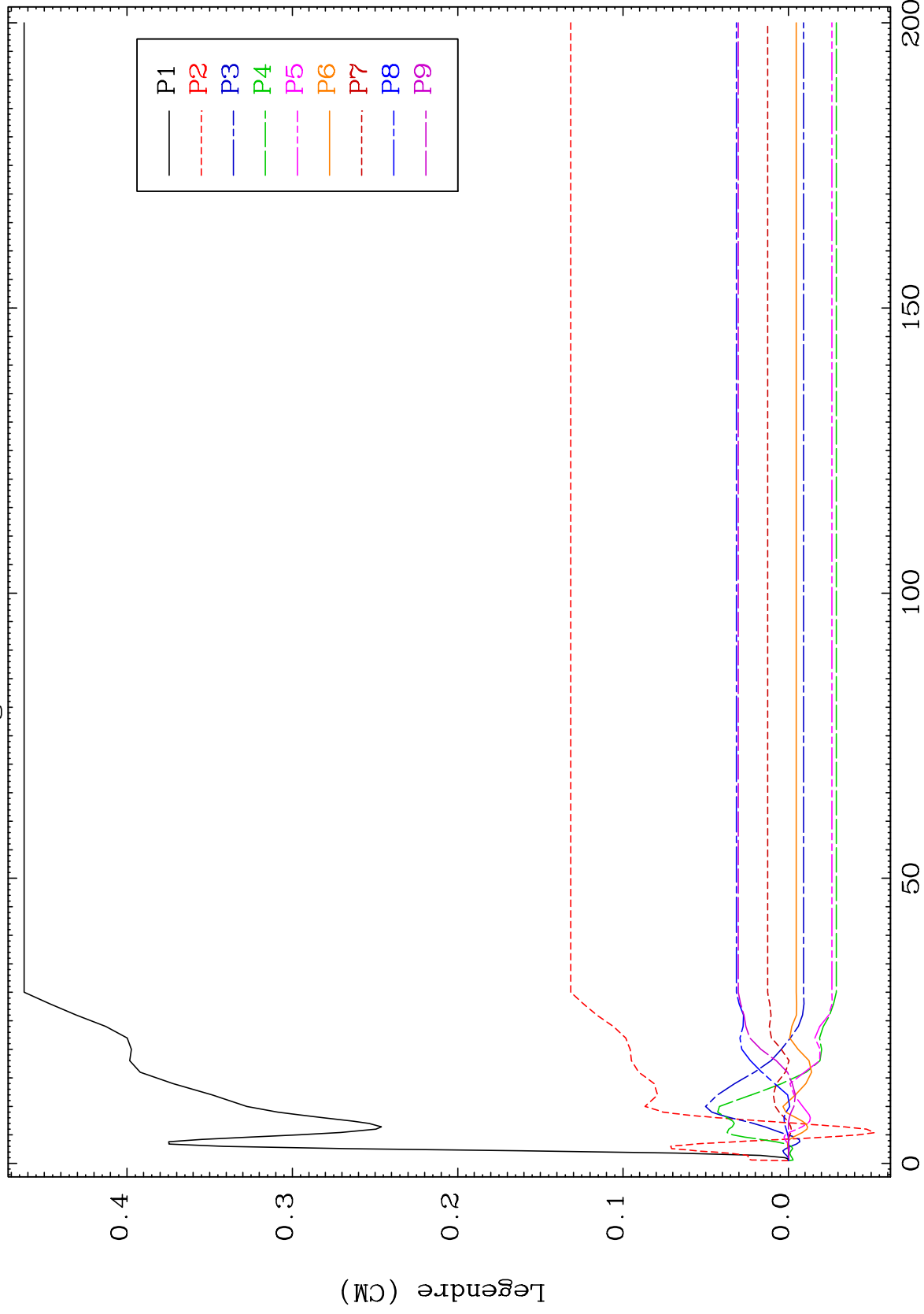
73-Ta-166



MAT 7283

468.5 keV (n,n') Level
Legendre Coefficients

73-Ta-166



63

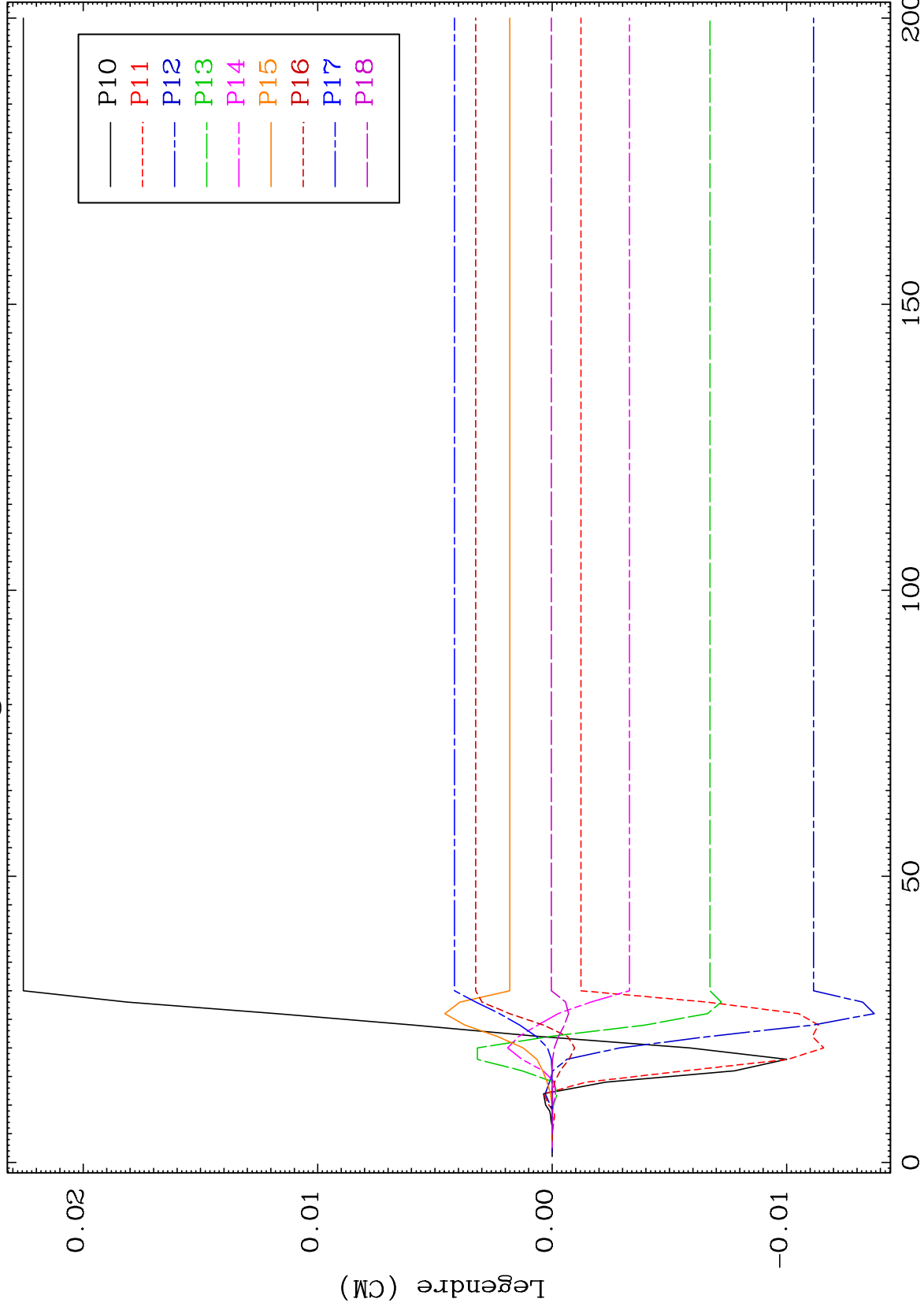
Incident Energy (MeV)

73-Ta-166

MAT 7283

468.5 keV (n,n') Level
Legendre Coefficients

73-Ta-166



64

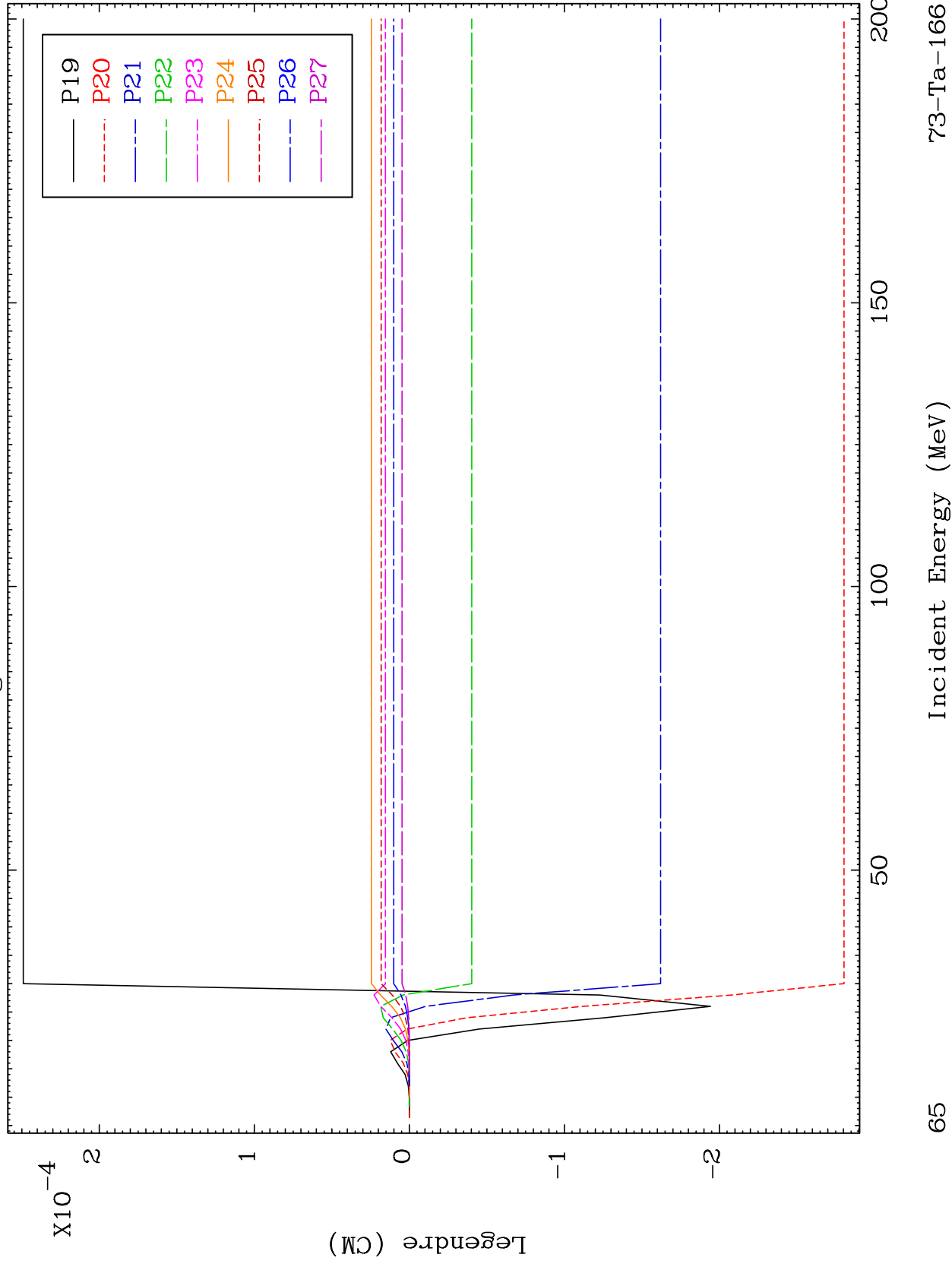
Incident Energy (MeV)

73-Ta-166

MAT 7283

468.5 keV (n,n') Level
Legendre Coefficients

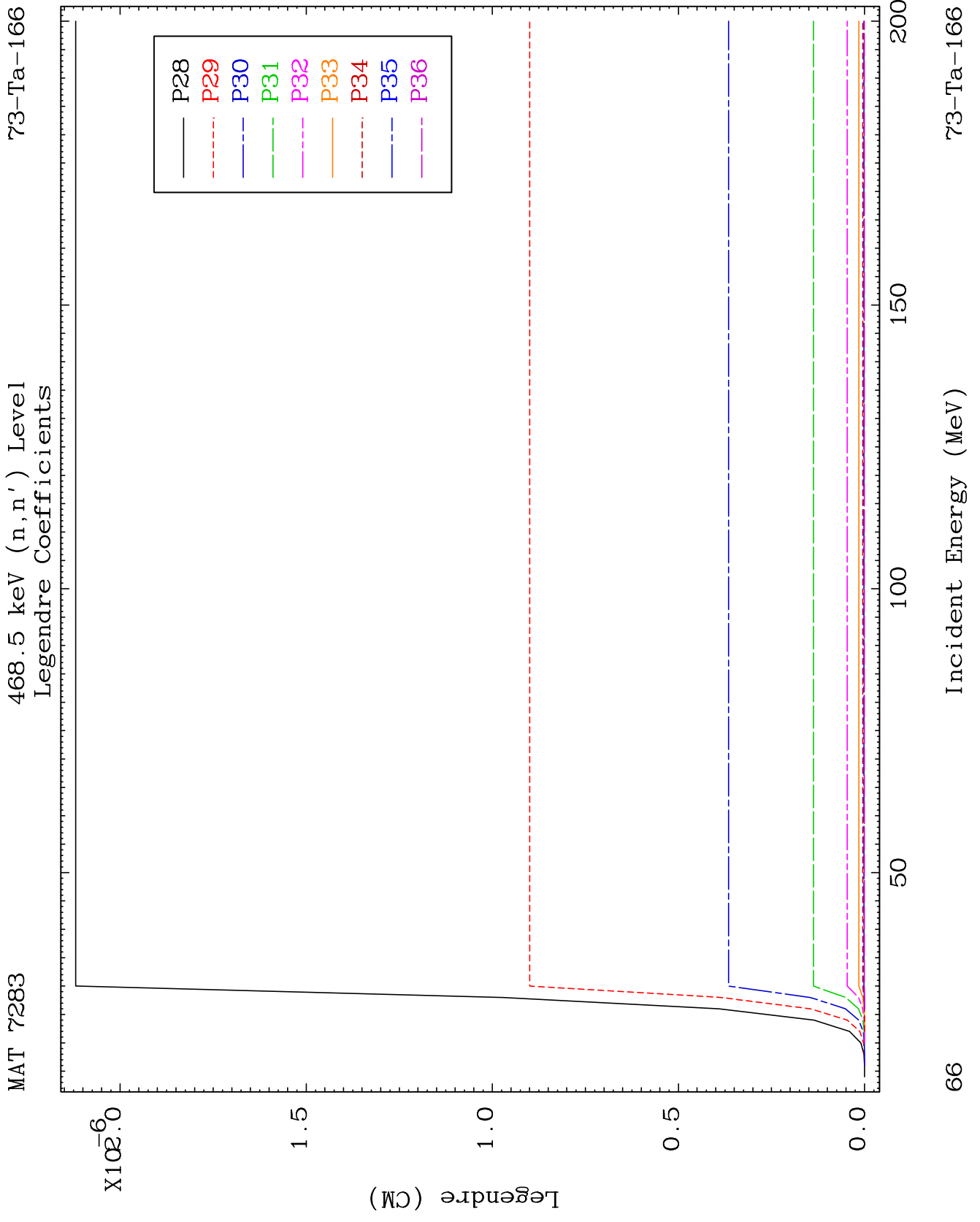
73-Ta-166

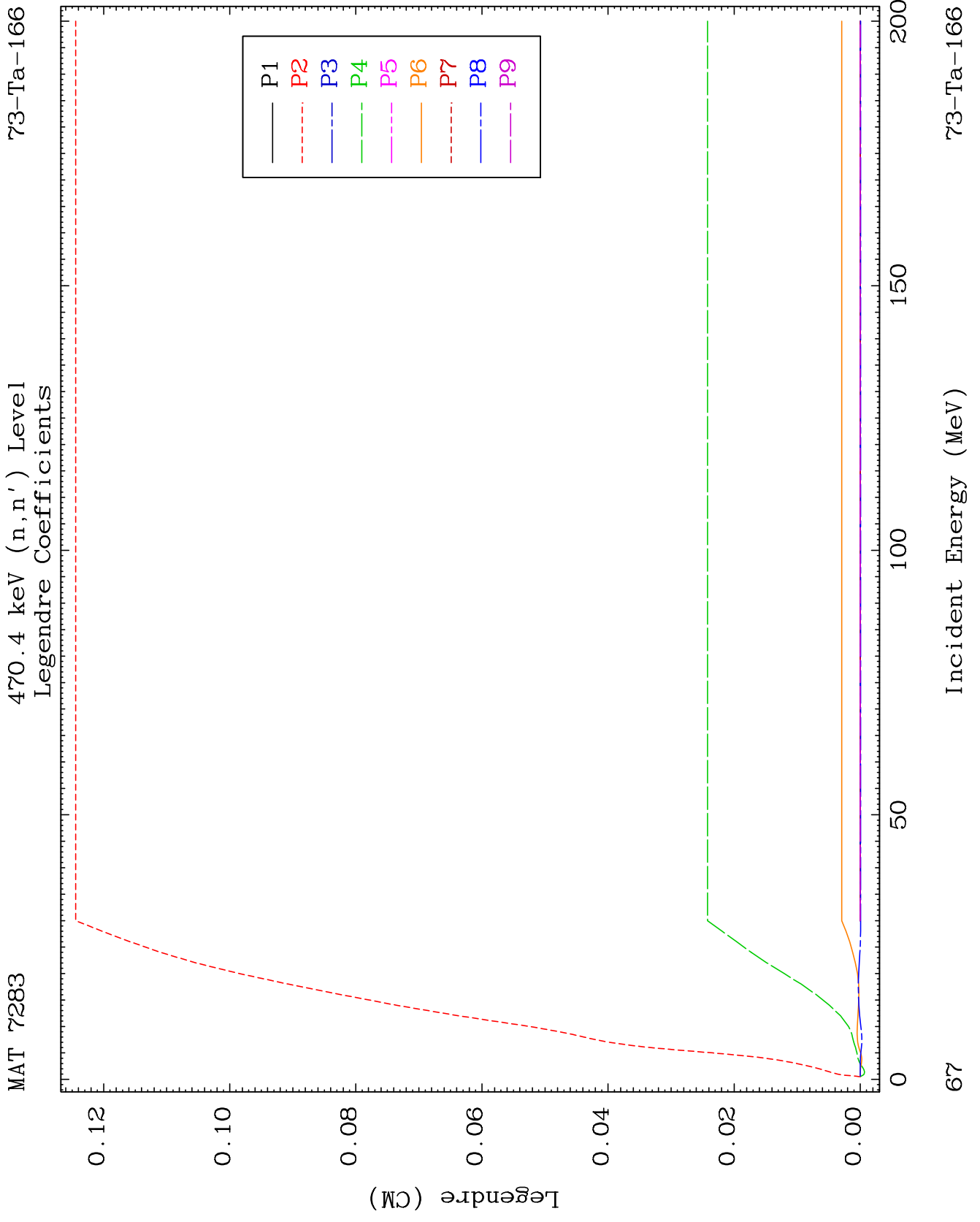


65

Incident Energy (MeV)

73-Ta-166

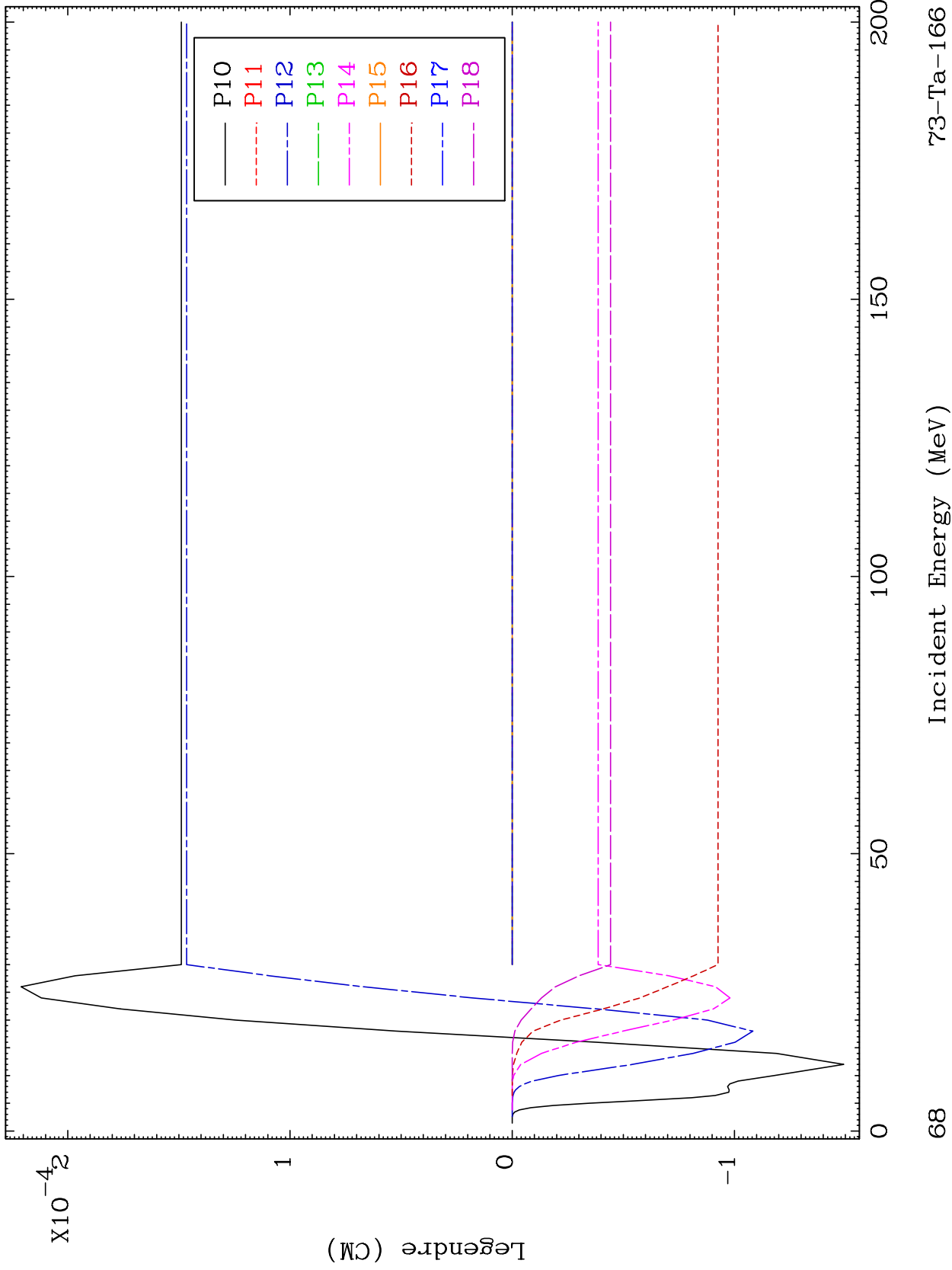


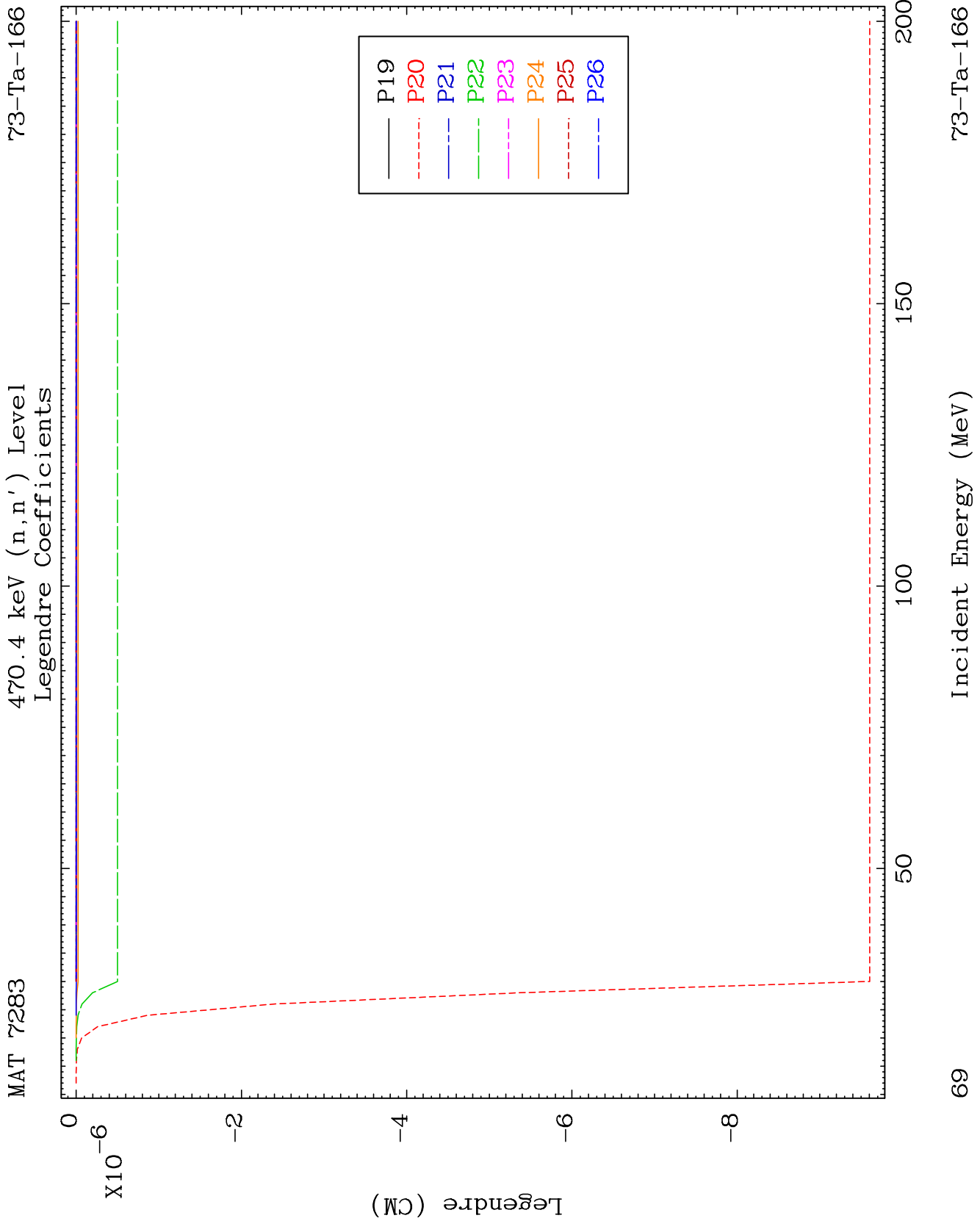


MAT 7283

470.4 keV (n,n') Level
Legendre Coefficients

73-Ta-166

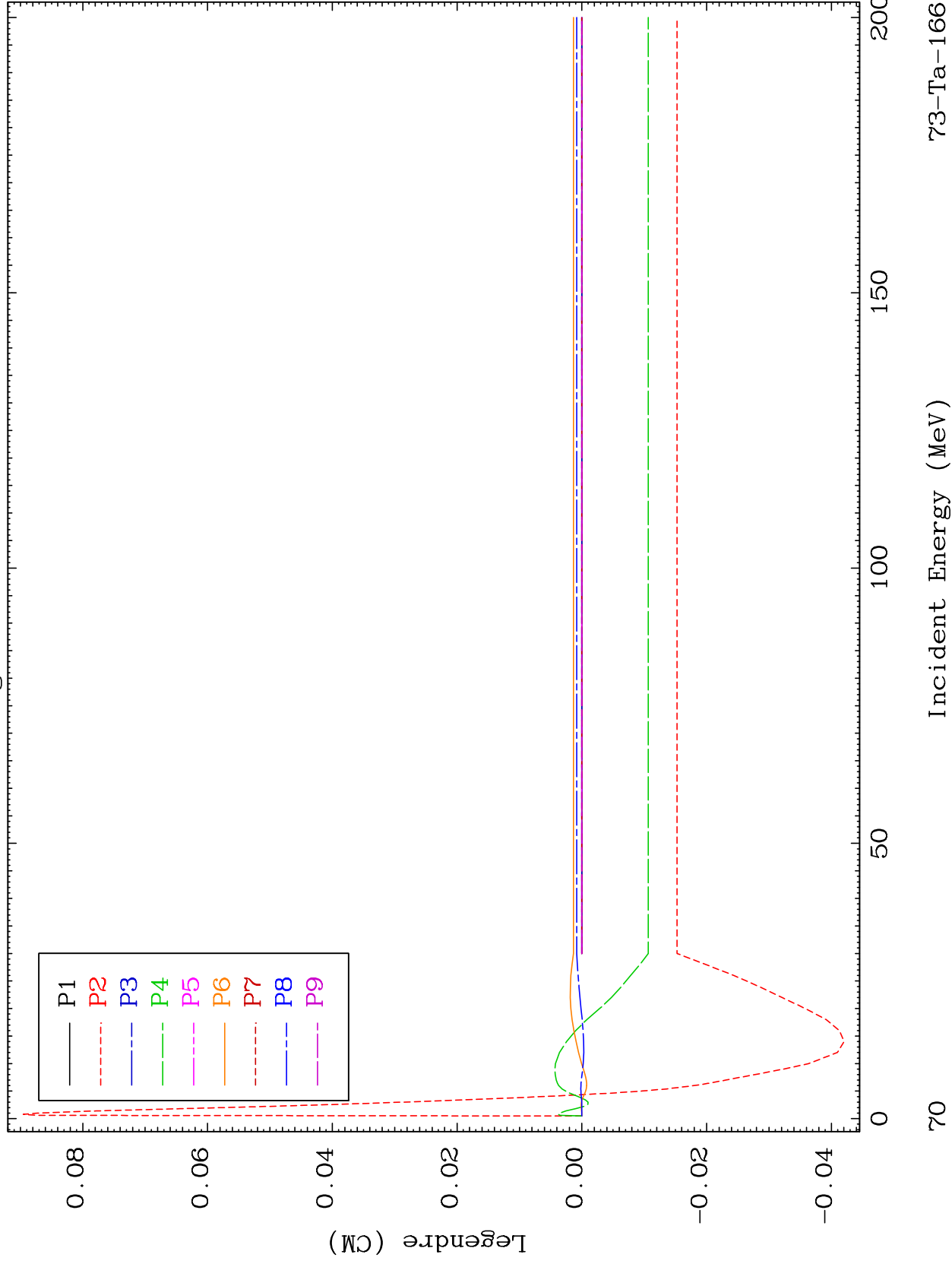




MAT 7283

472.8 keV (n,n') Level
Legendre Coefficients

73-Ta-166

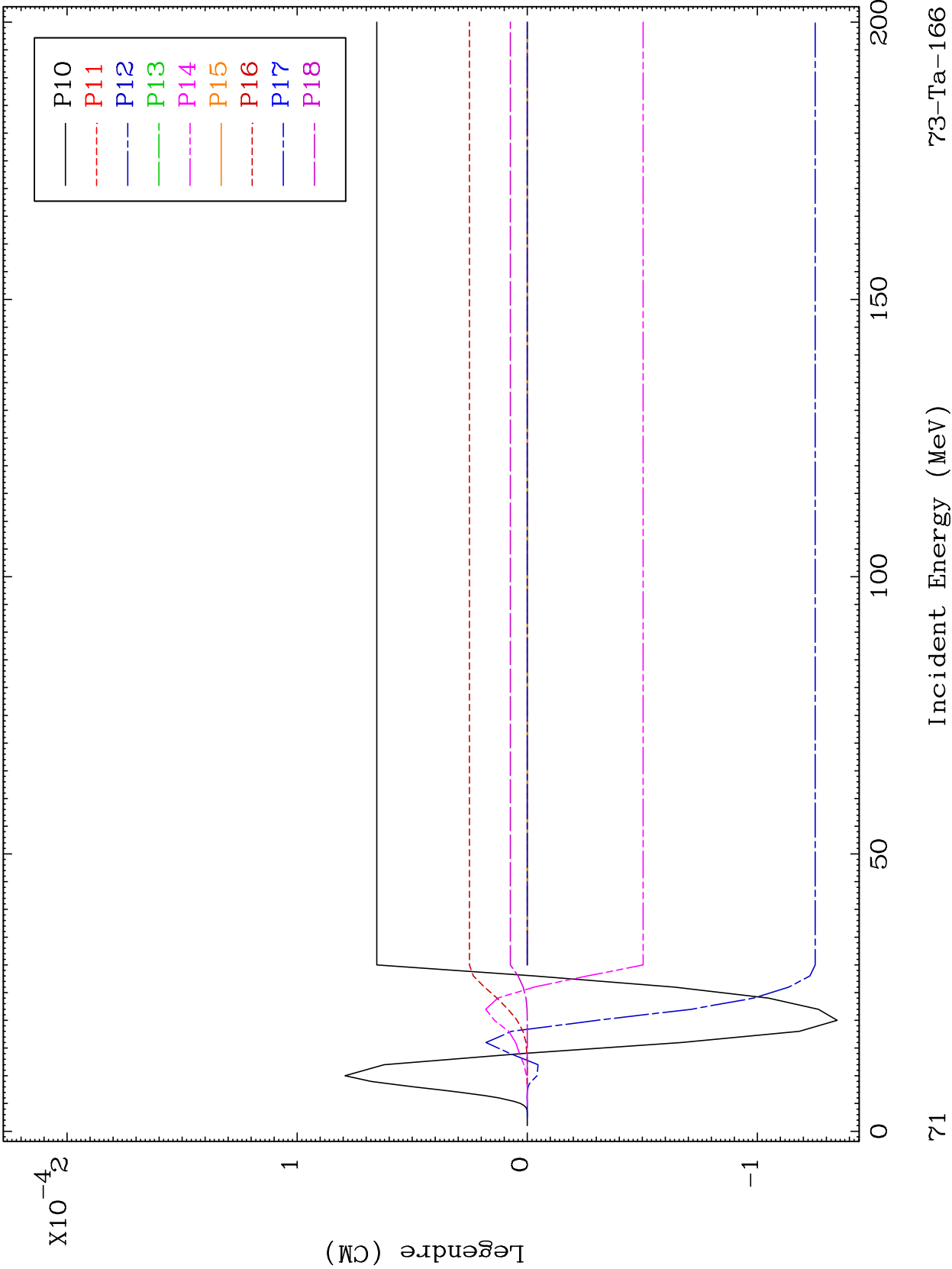


73-Ta-166

MAT 7283

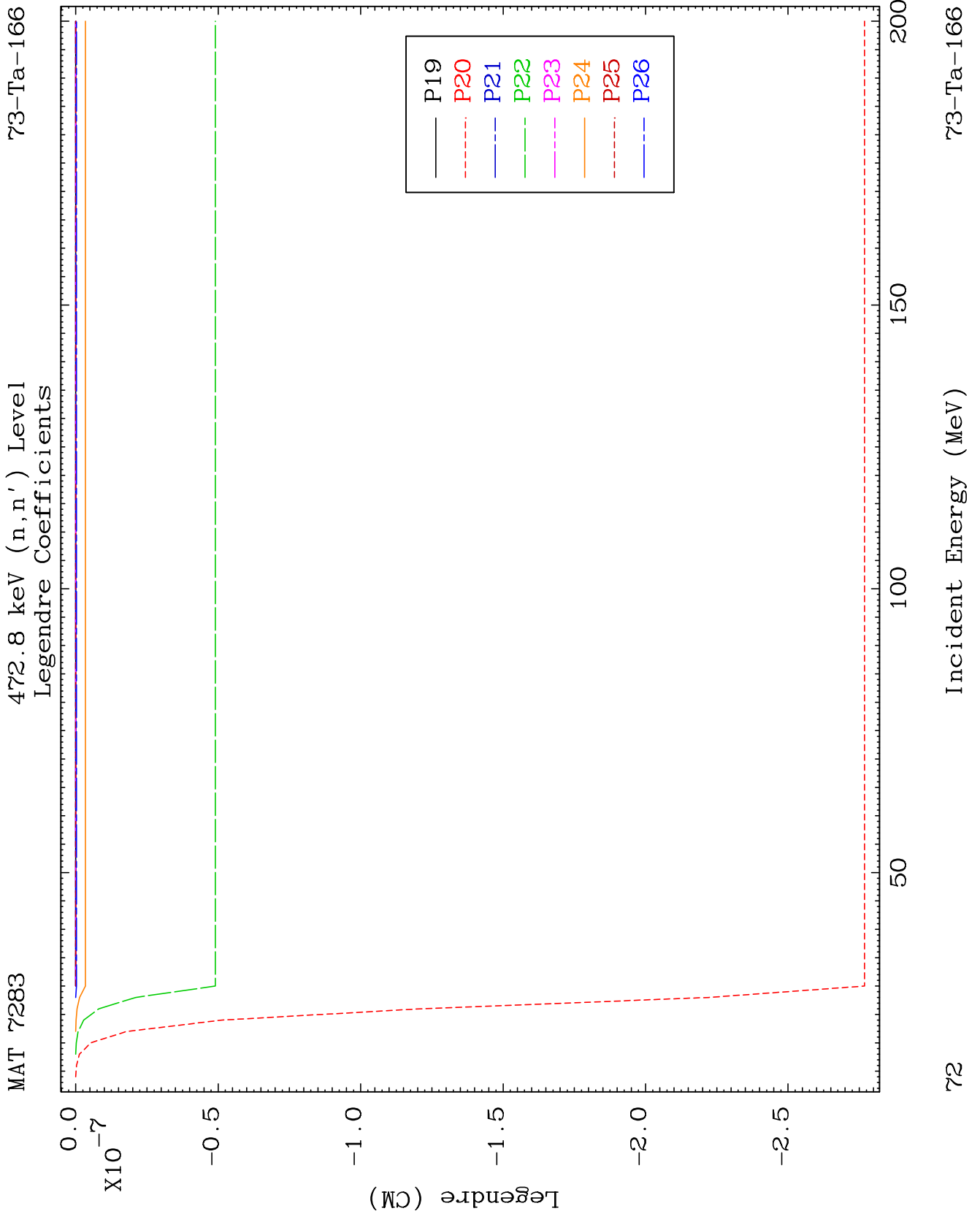
472.8 keV (n,n') Level
Legendre Coefficients

73-Ta-166



71

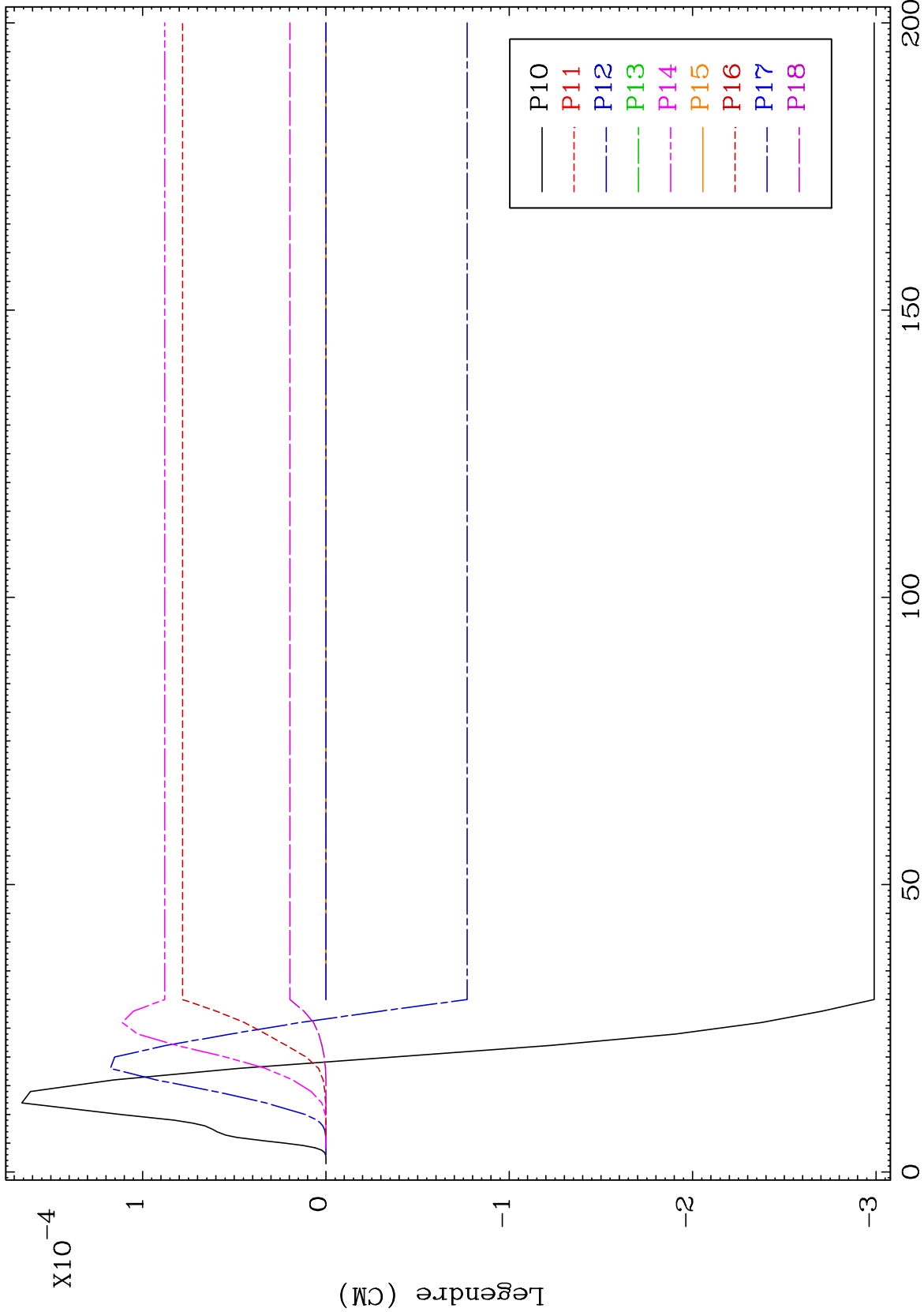
73-Ta-166



MAT 7283

474.2 keV (n,n') Level
Legendre Coefficients

73-Ta-166



74

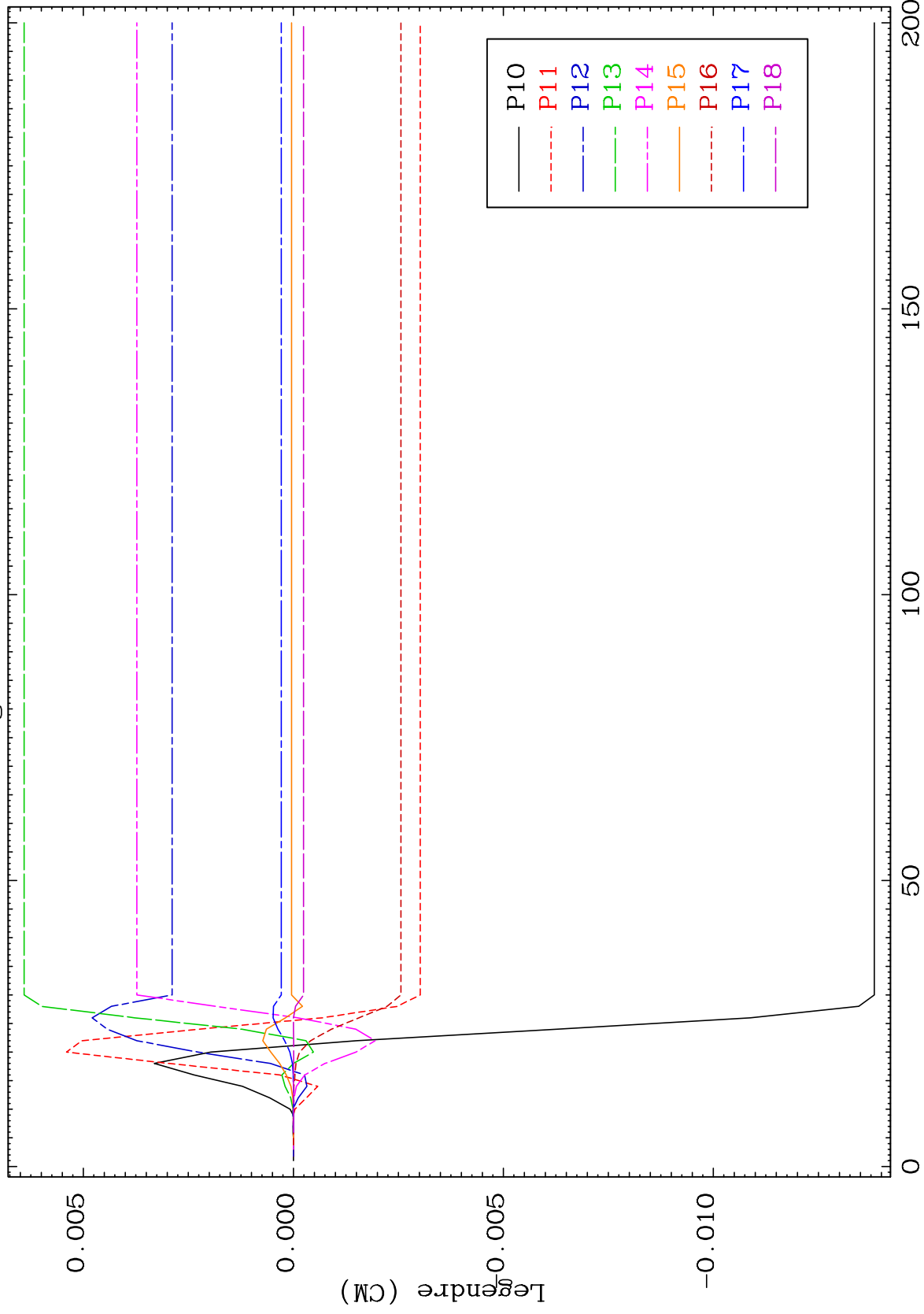
Incident Energy (MeV)

73-Ta-166

MAT 7283

477.6 keV (n,n') Level
Legendre Coefficients

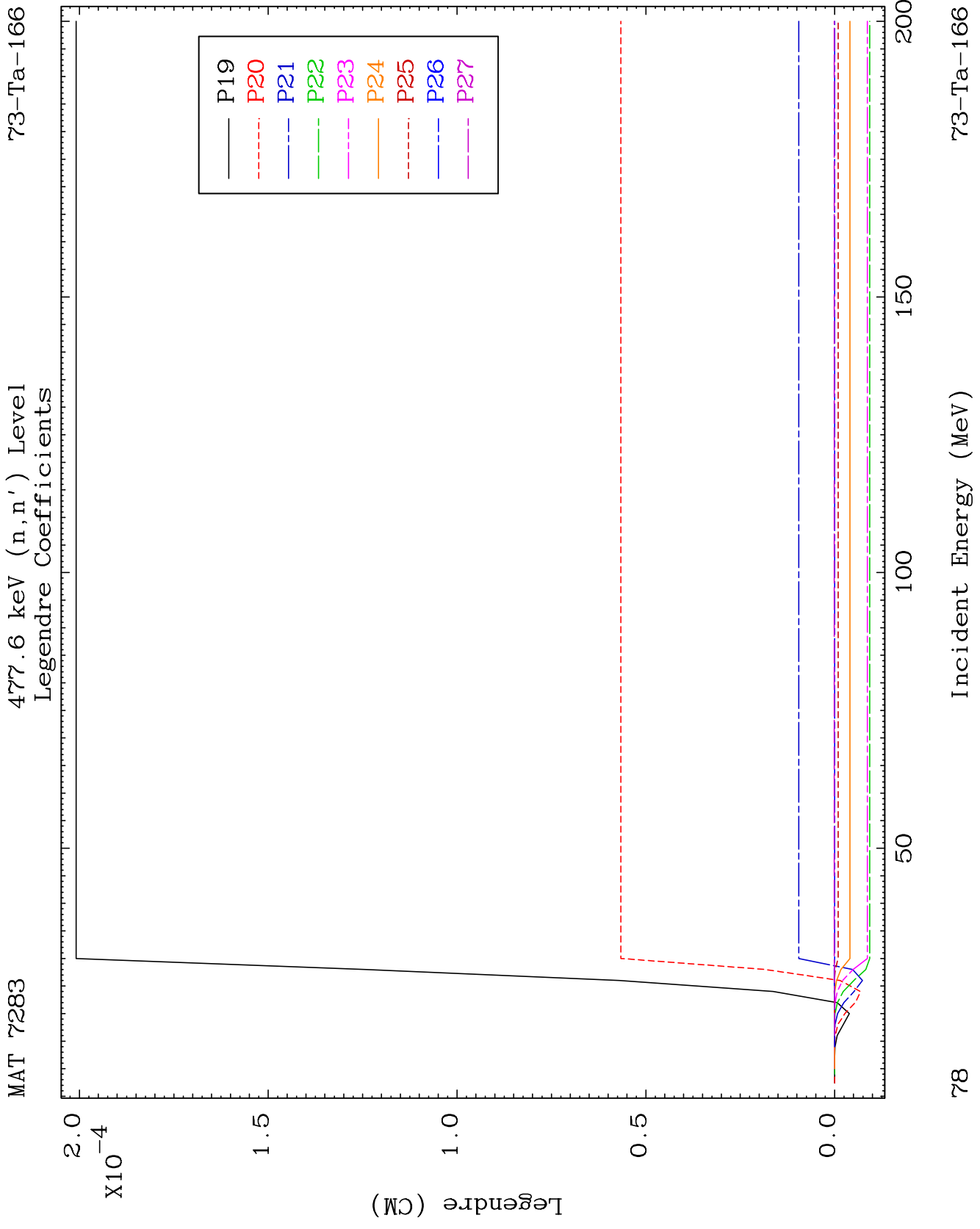
73-Ta-166



77

Incident Energy (MeV)

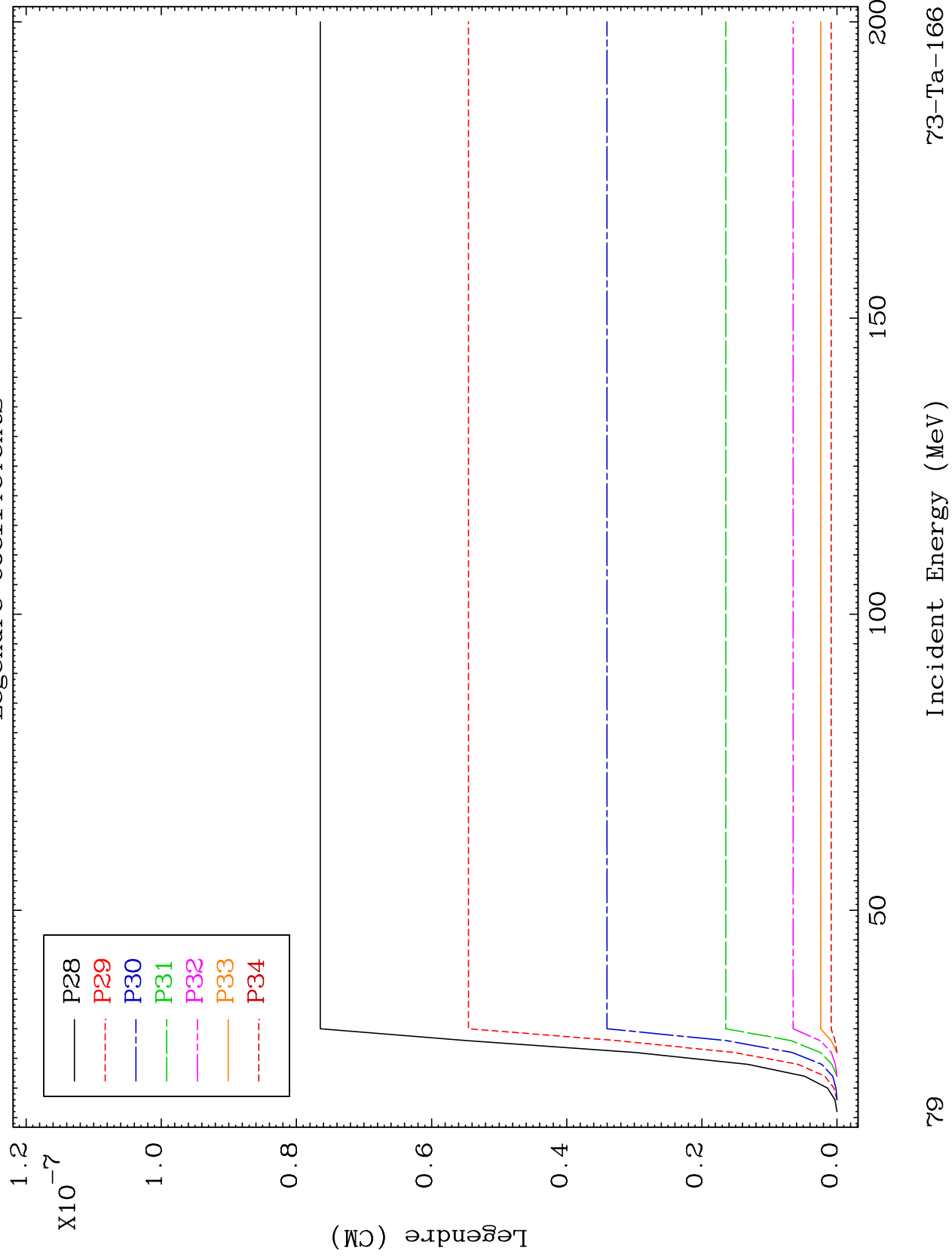
73-Ta-166



MAT 7283

477.6 keV (n,n') Level
Legendre Coefficients

73-Ta-166

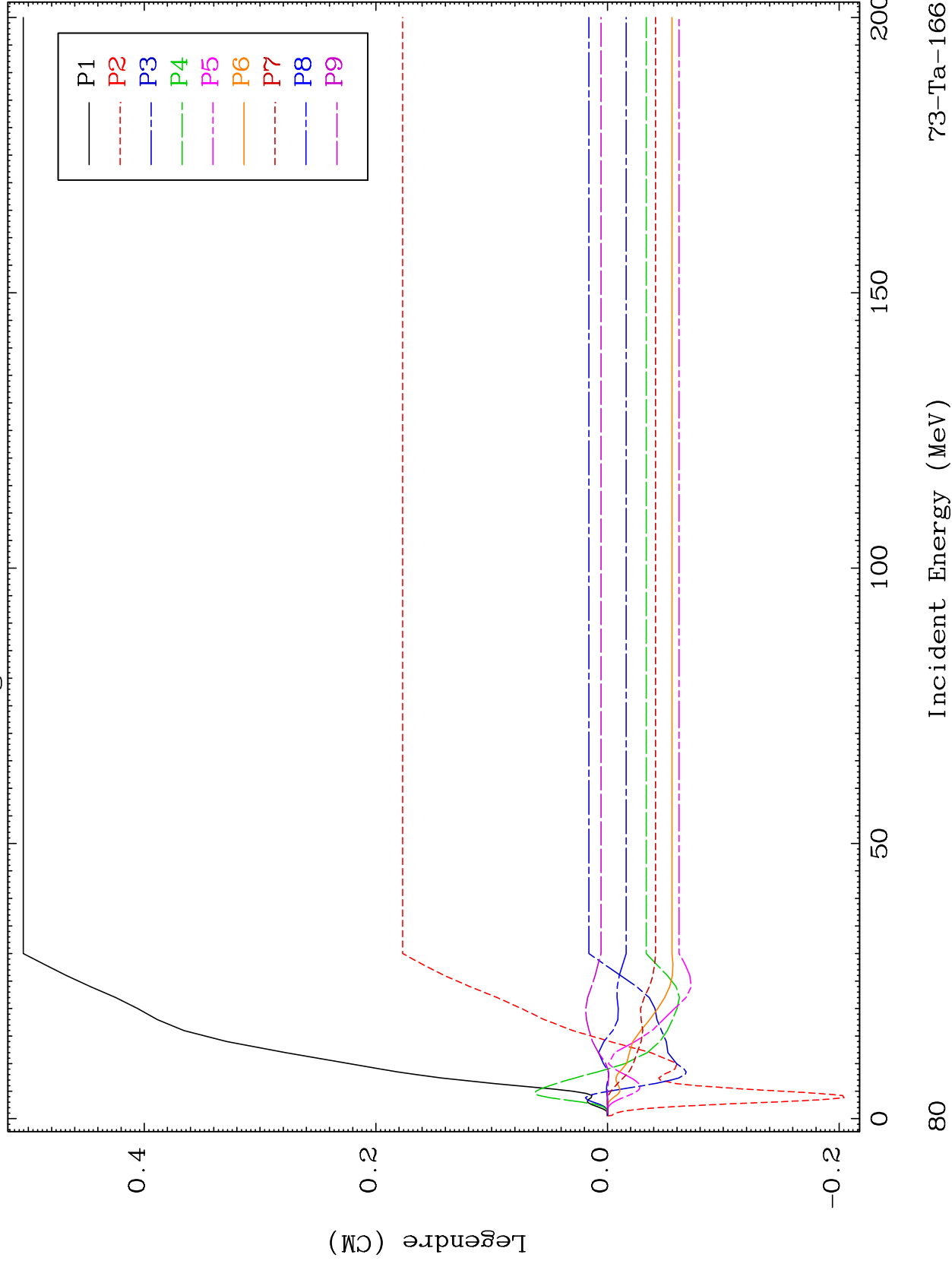


79

MAT 7283

481.1 keV (n,n') Level
Legendre Coefficients

73-Ta-166

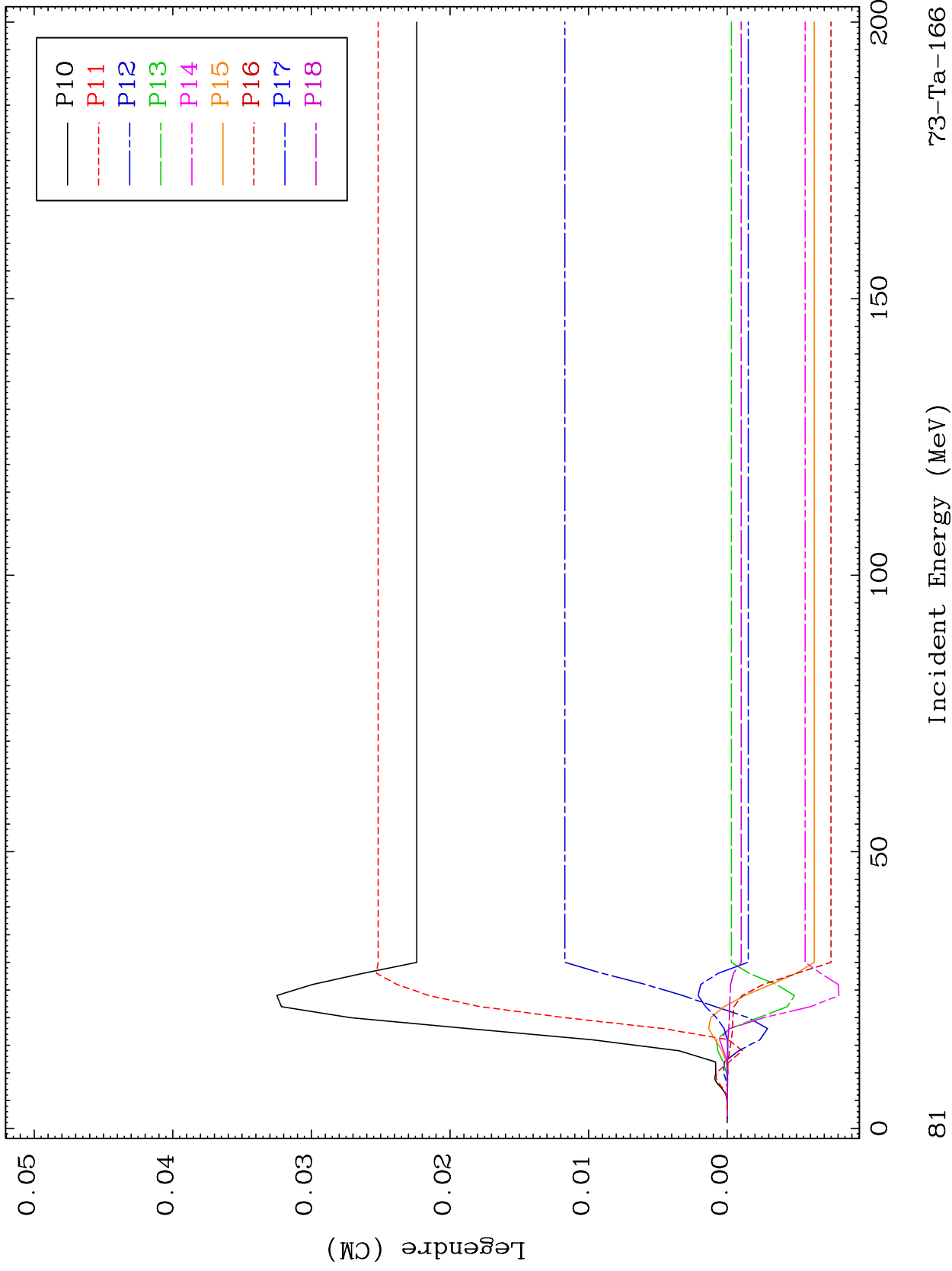


73-Ta-166

MAT 7283

481.1 keV (n,n') Level
Legendre Coefficients

73-Ta-166



81

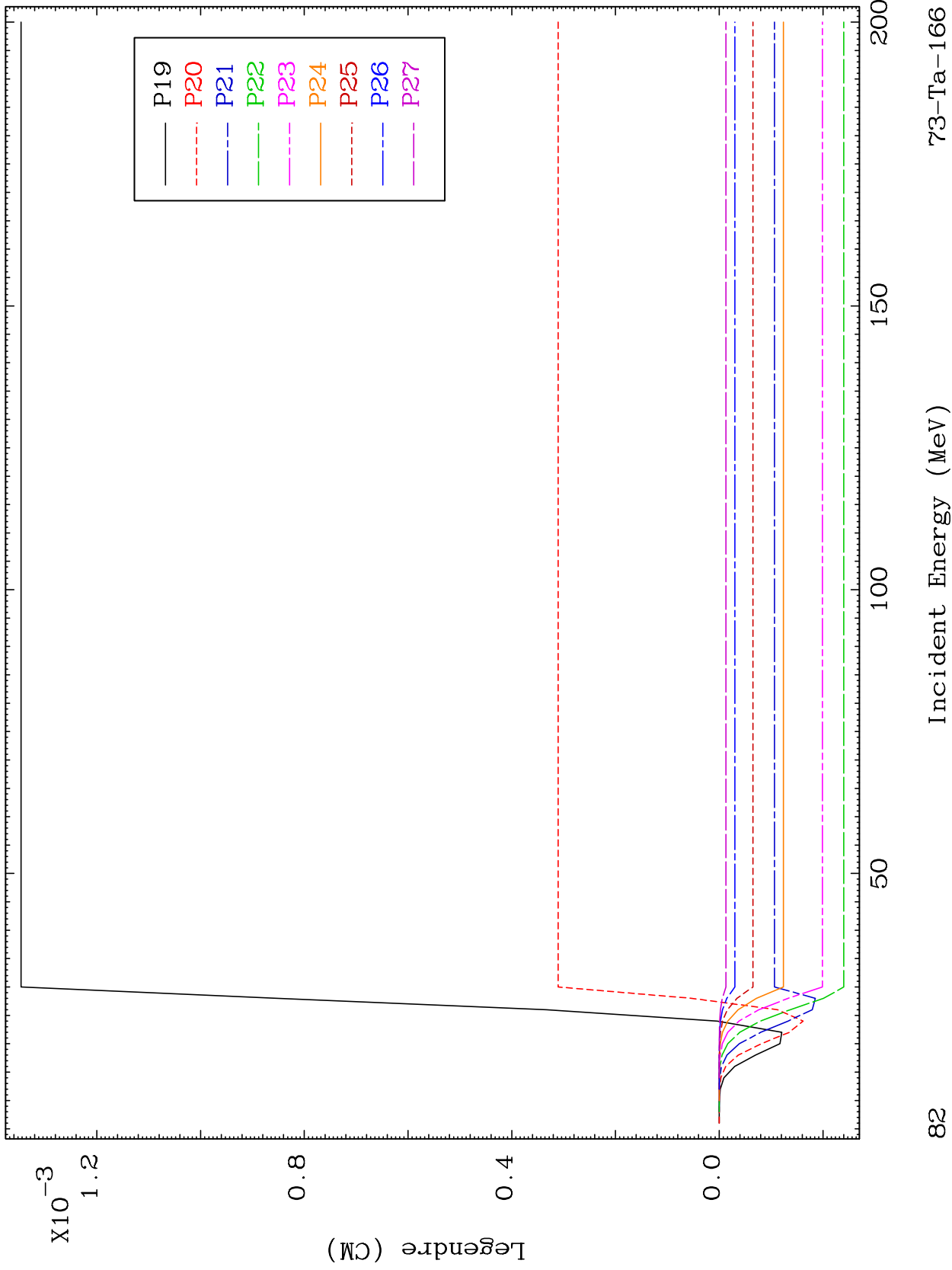
Incident Energy (MeV)

73-Ta-166

MAT 7283

481.1 keV (n,n') Level
Legendre Coefficients

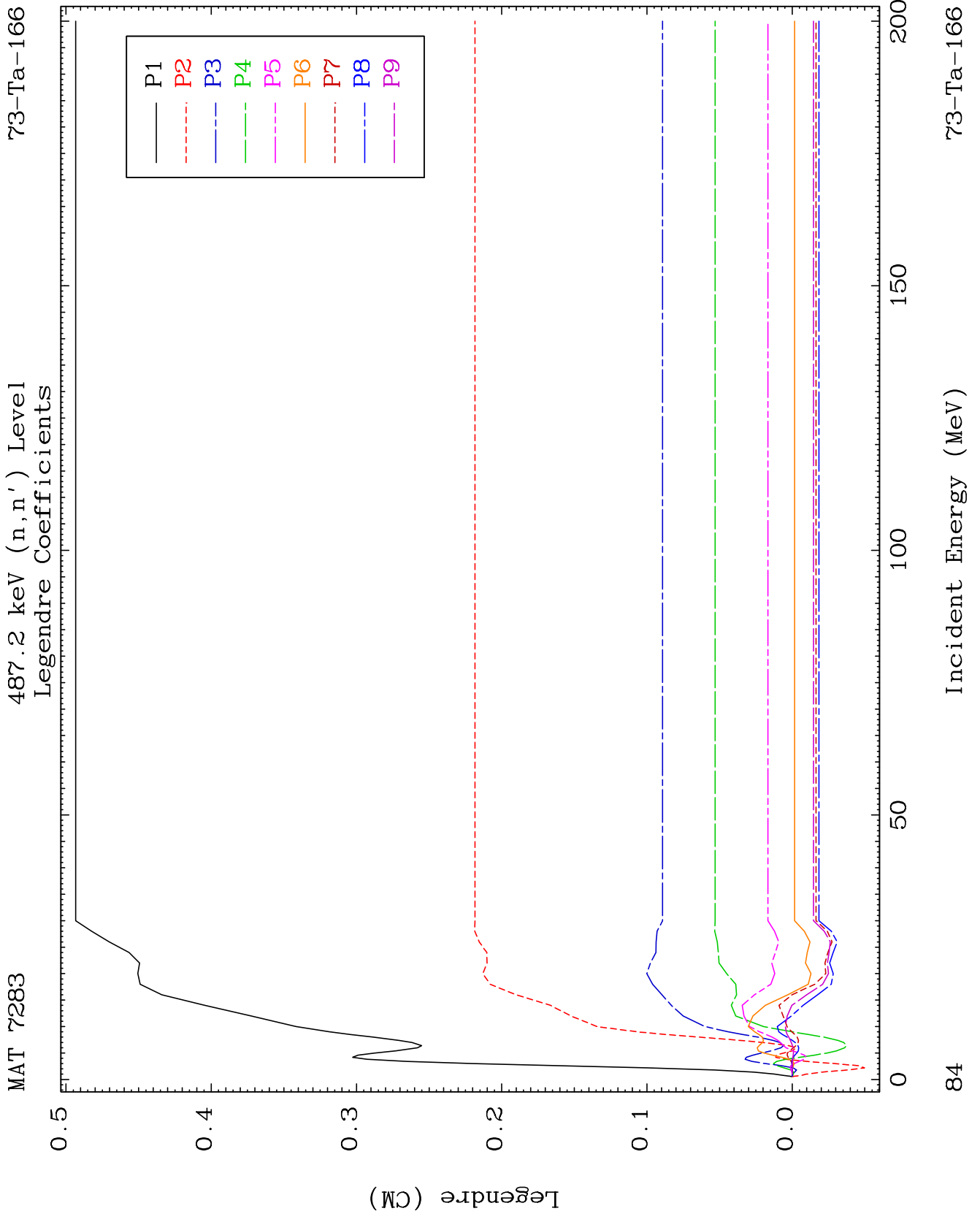
73-Ta-166



82

Incident Energy (MeV)

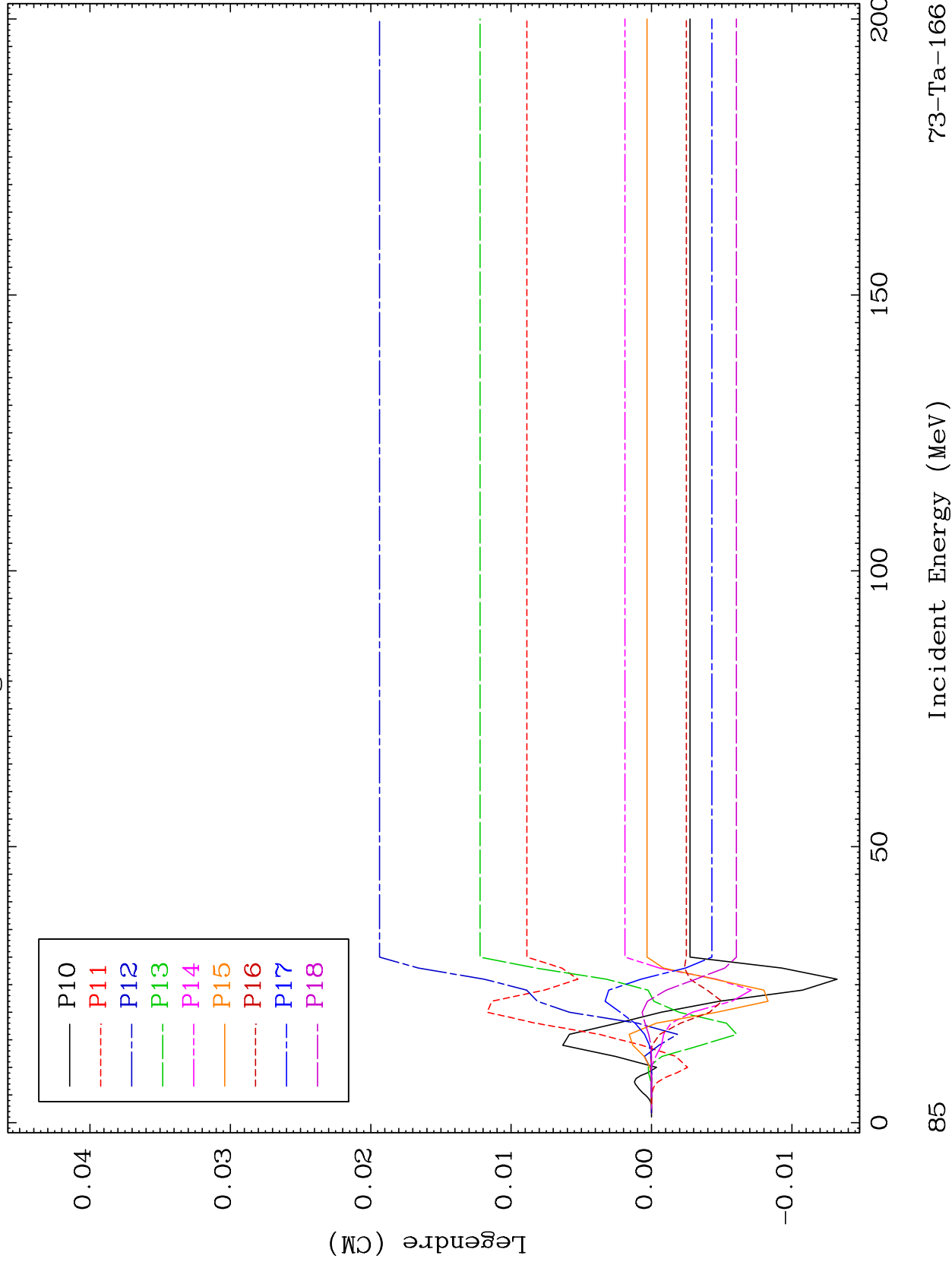
73-Ta-166



MAT 7283

487.2 keV (n, n') Level
Legendre Coefficients

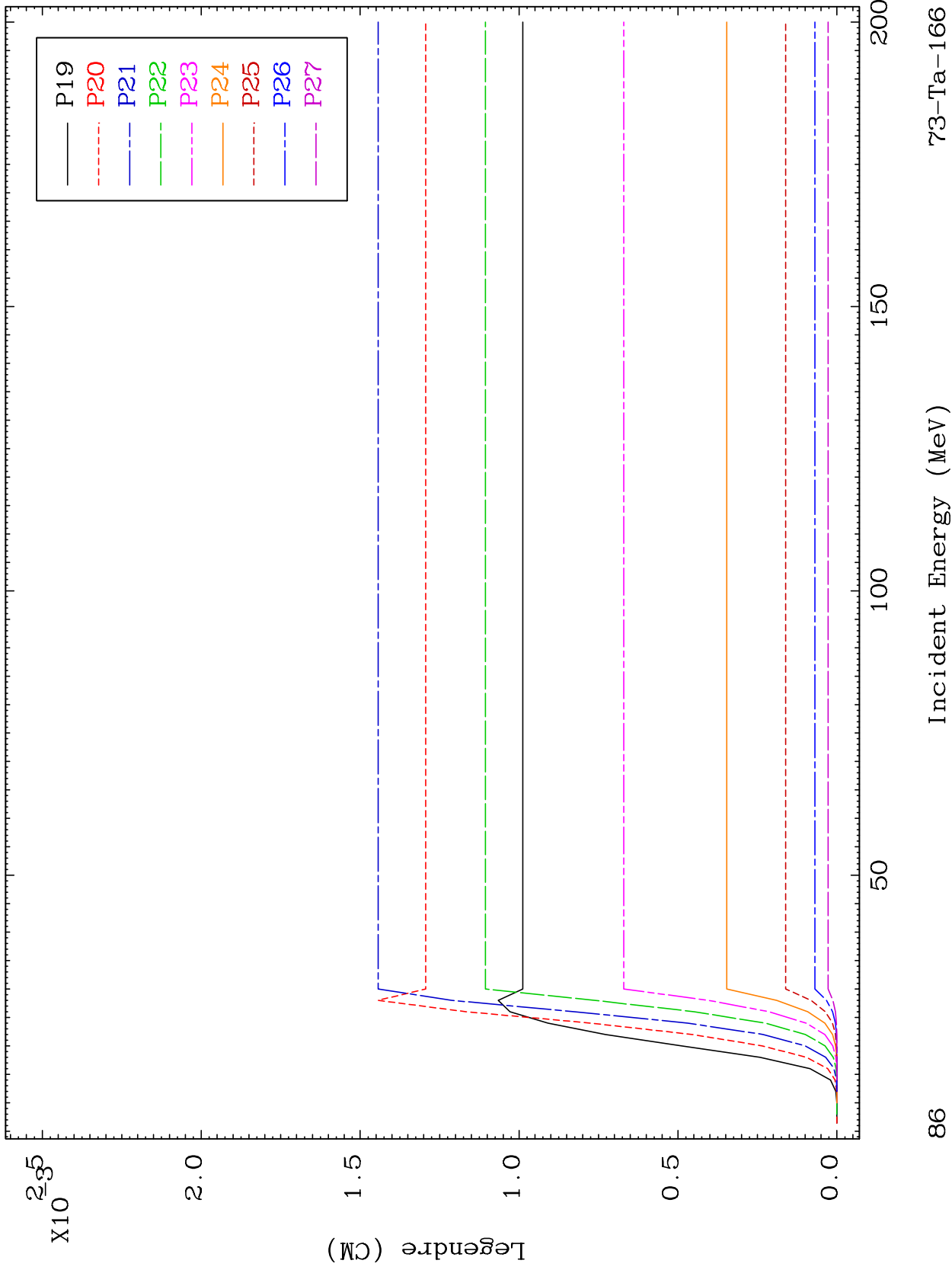
73-Ta-166



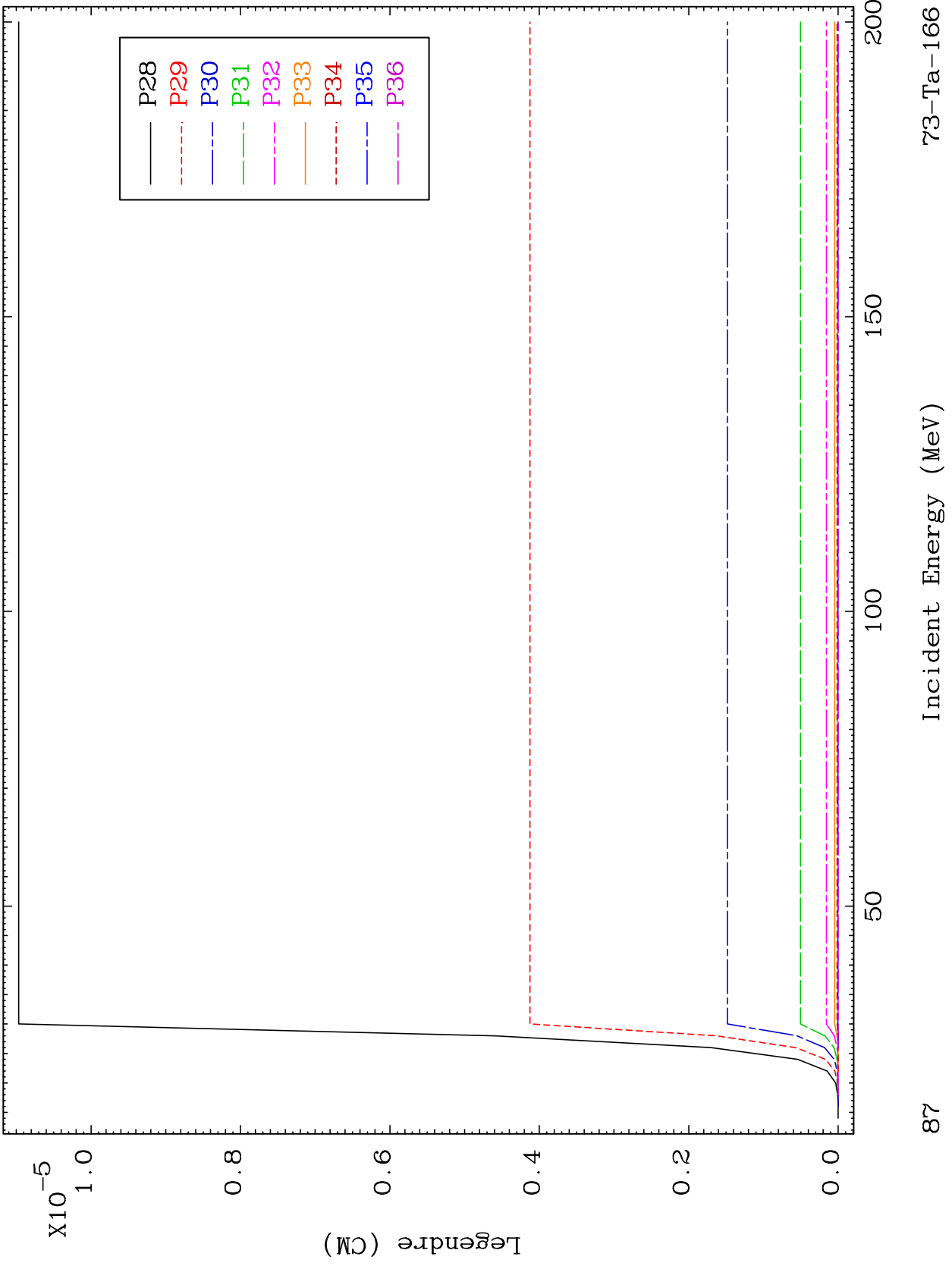
73-Ta-166

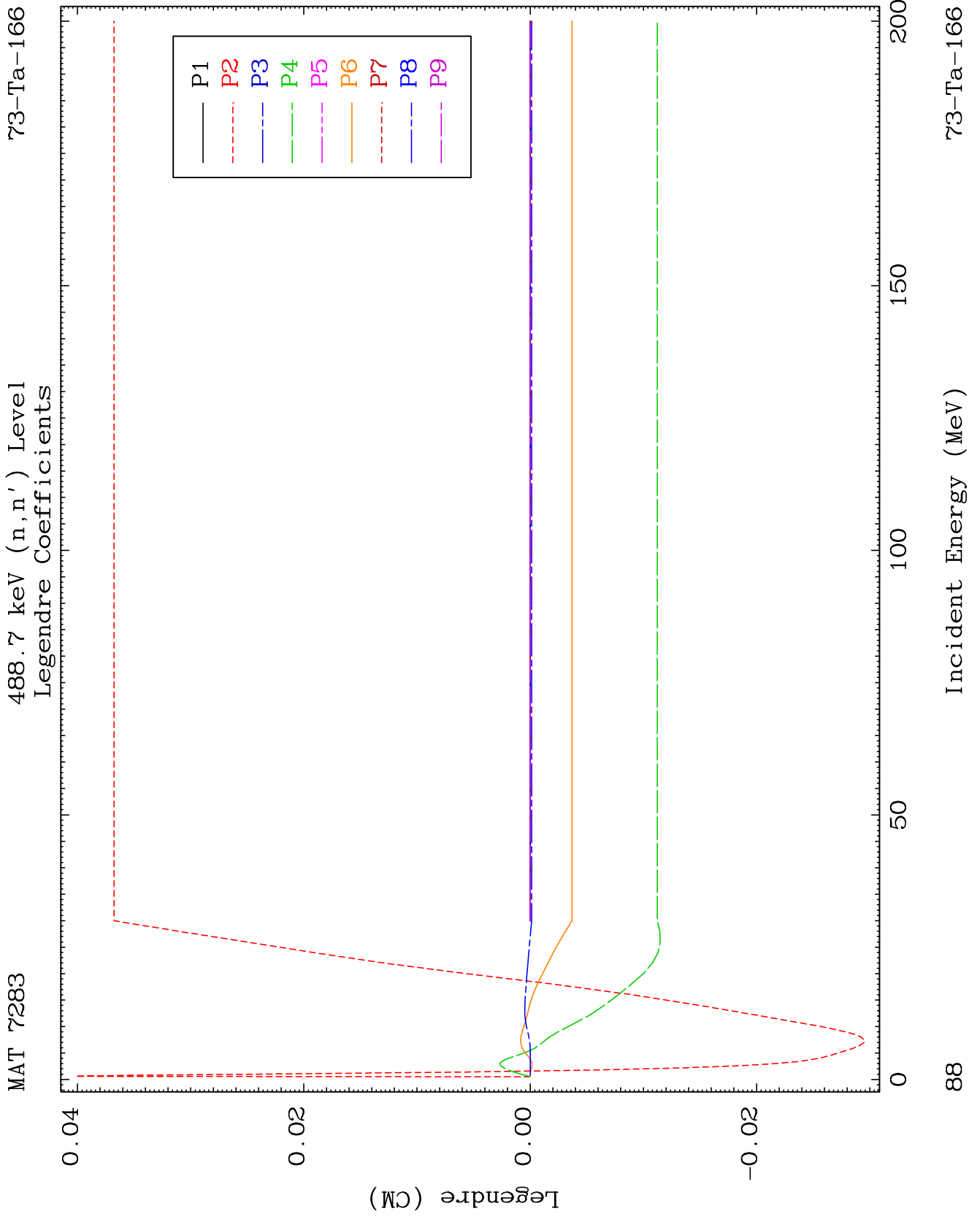
Incident Energy (MeV)

85



MAT 7283 487.2 keV (n,n') Level Legendre Coefficients 73-Ta-166

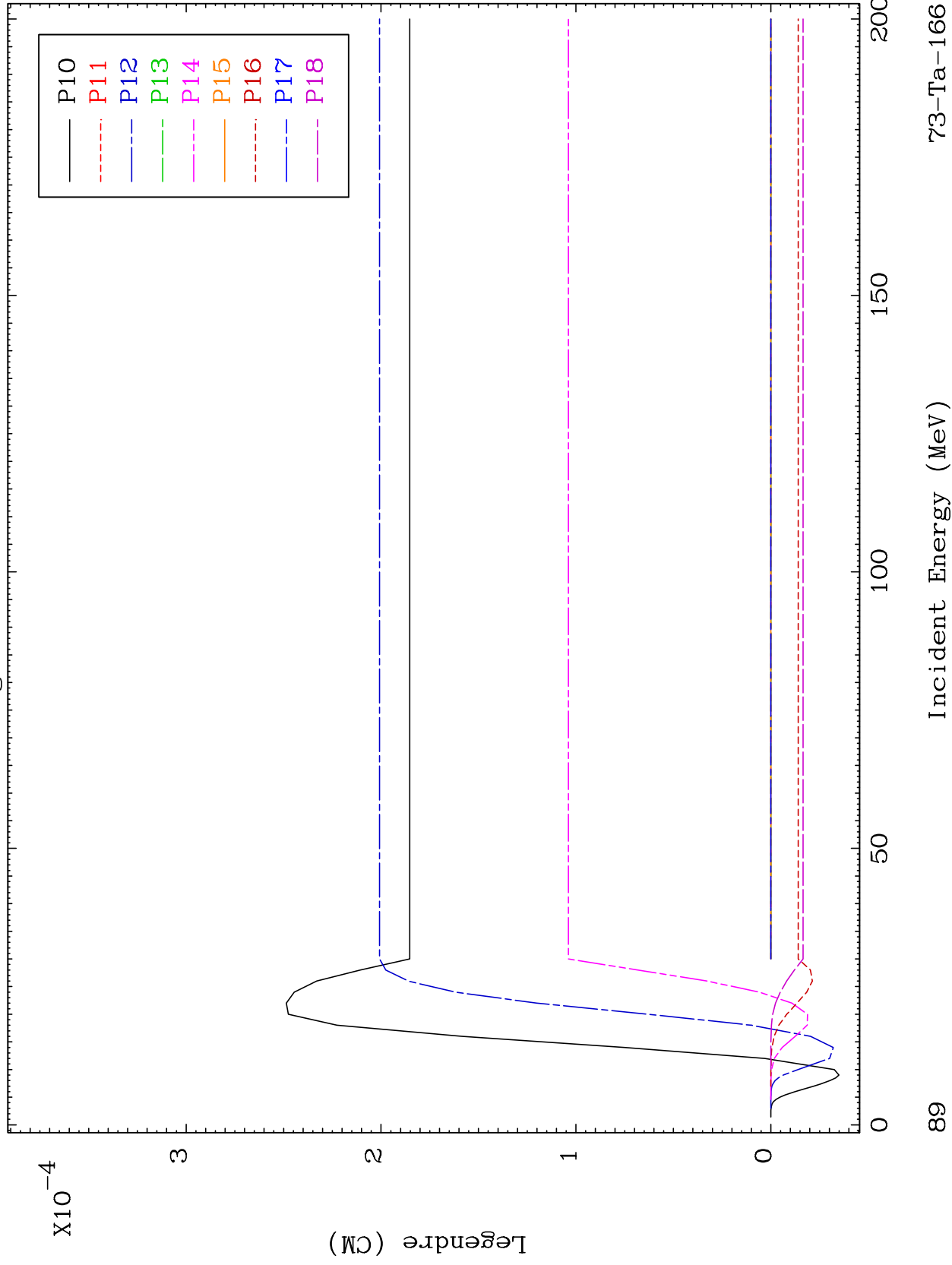


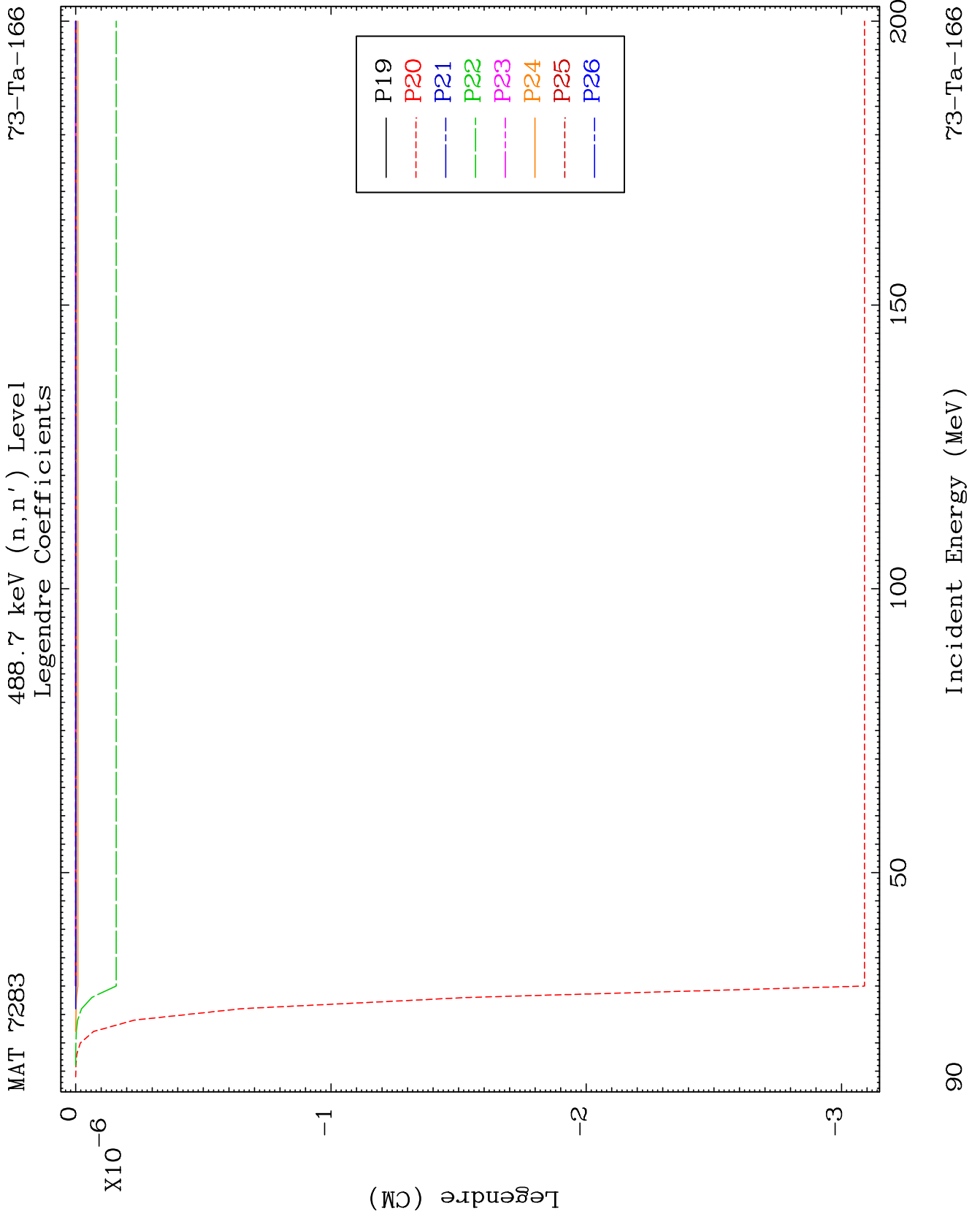


MAT 7283

488.7 keV (n,n') Level
Legendre Coefficients

73-Ta-166

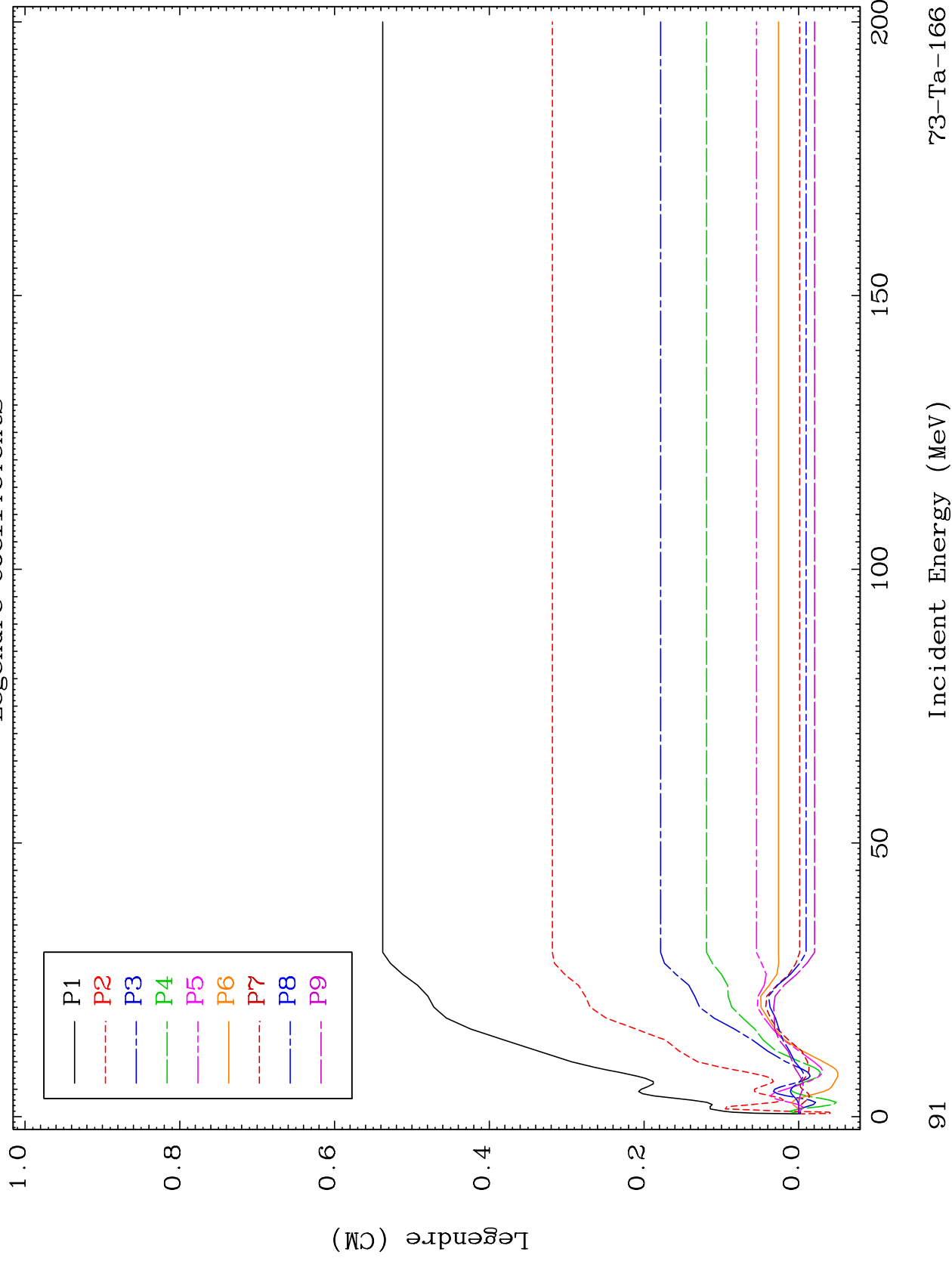




MAT 7283

491.7 keV (n,n') Level
Legendre Coefficients

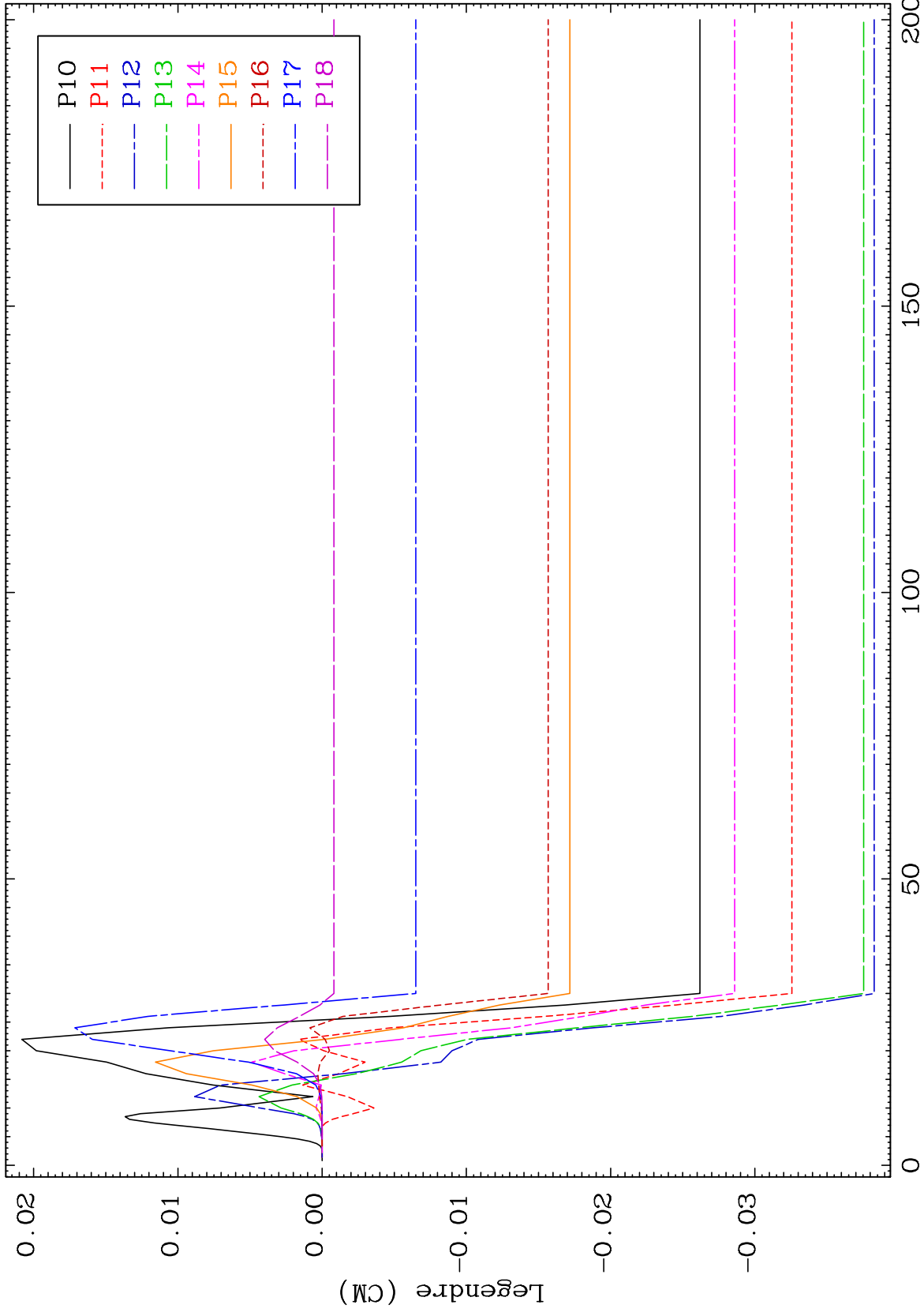
73-Ta-166



MAT 7283

491.7 keV (n,n') Level
Legendre Coefficients

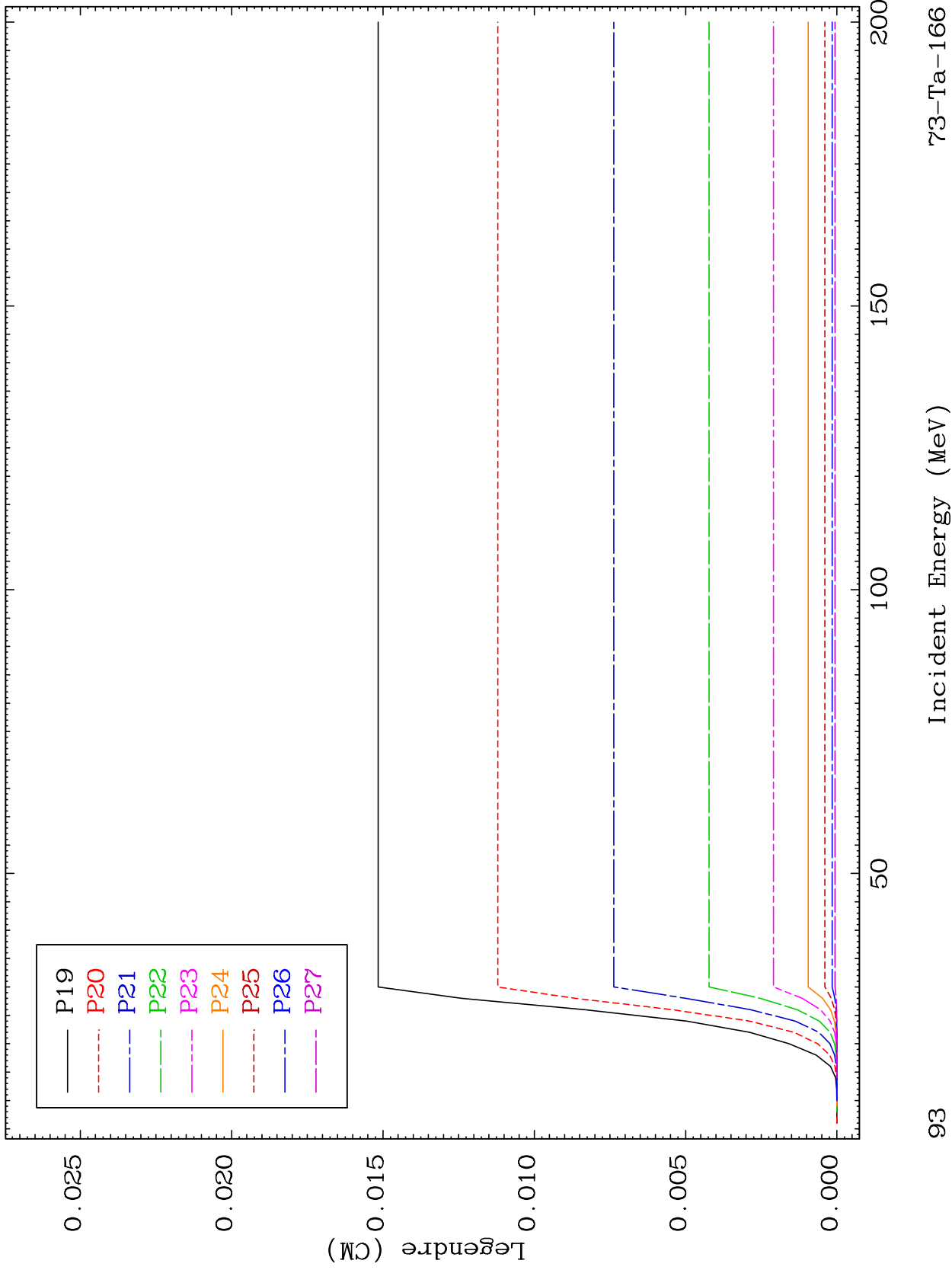
73-Ta-166



92

Incident Energy (MeV)

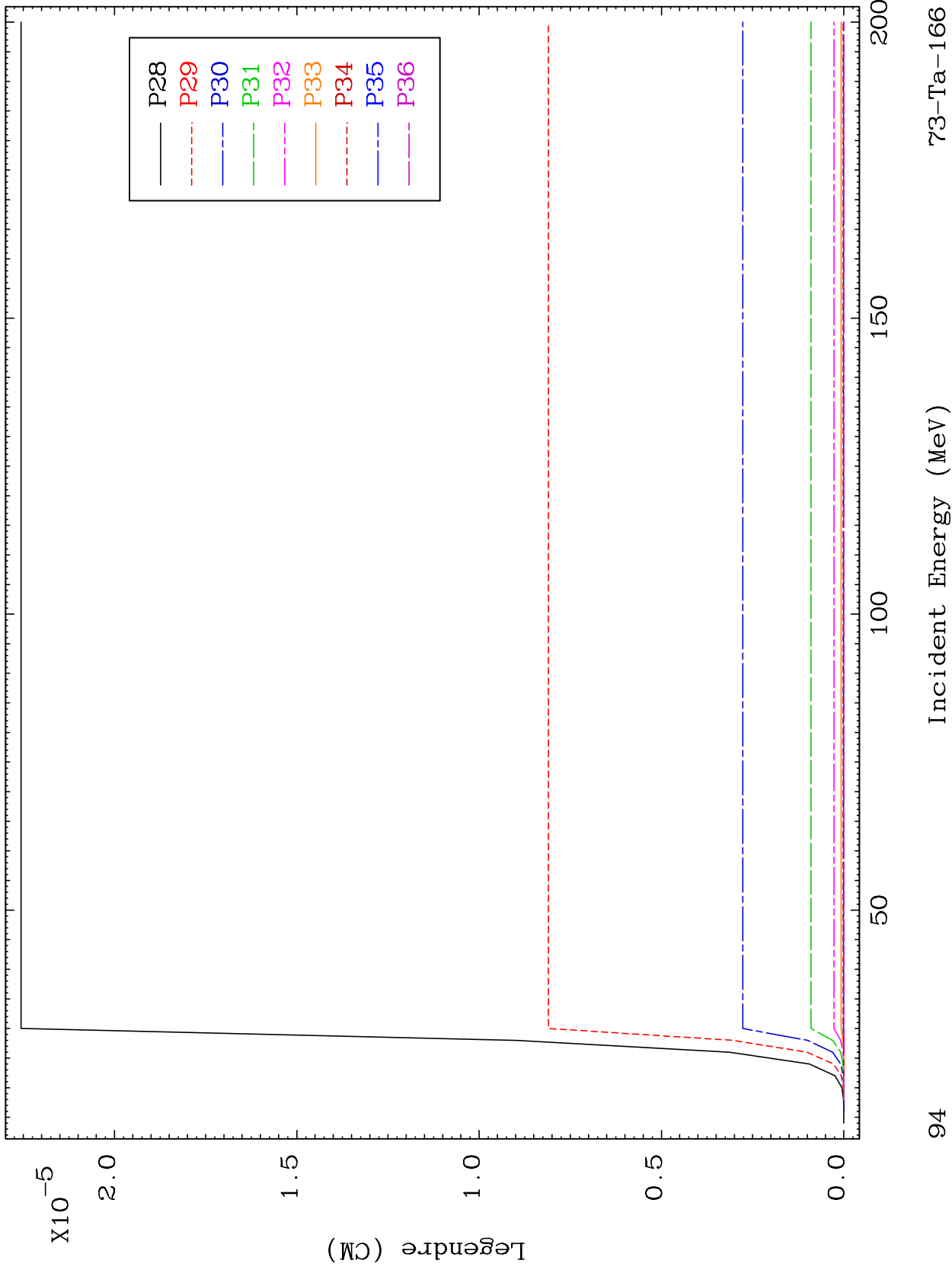
73-Ta-166



MAT 7283

491.7 keV (n,n') Level
Legendre Coefficients

73-Ta-166



94

Incident Energy (MeV)

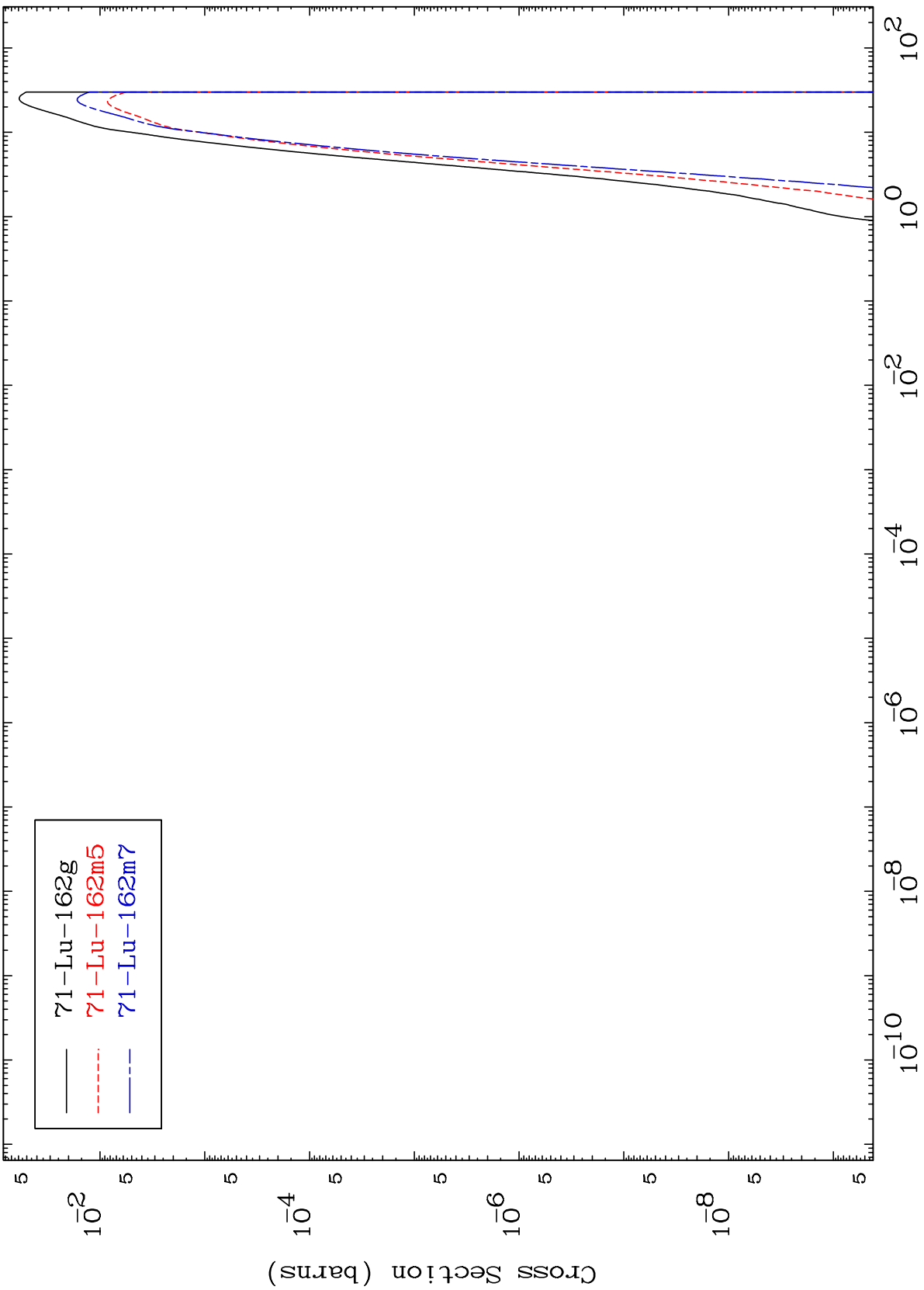
73-Ta-166

MAT 7283

$(n, n') \alpha$

$^{73}\text{Ta-166}$

Radionuclide Production Cross Section



95

Incident Energy (MeV)

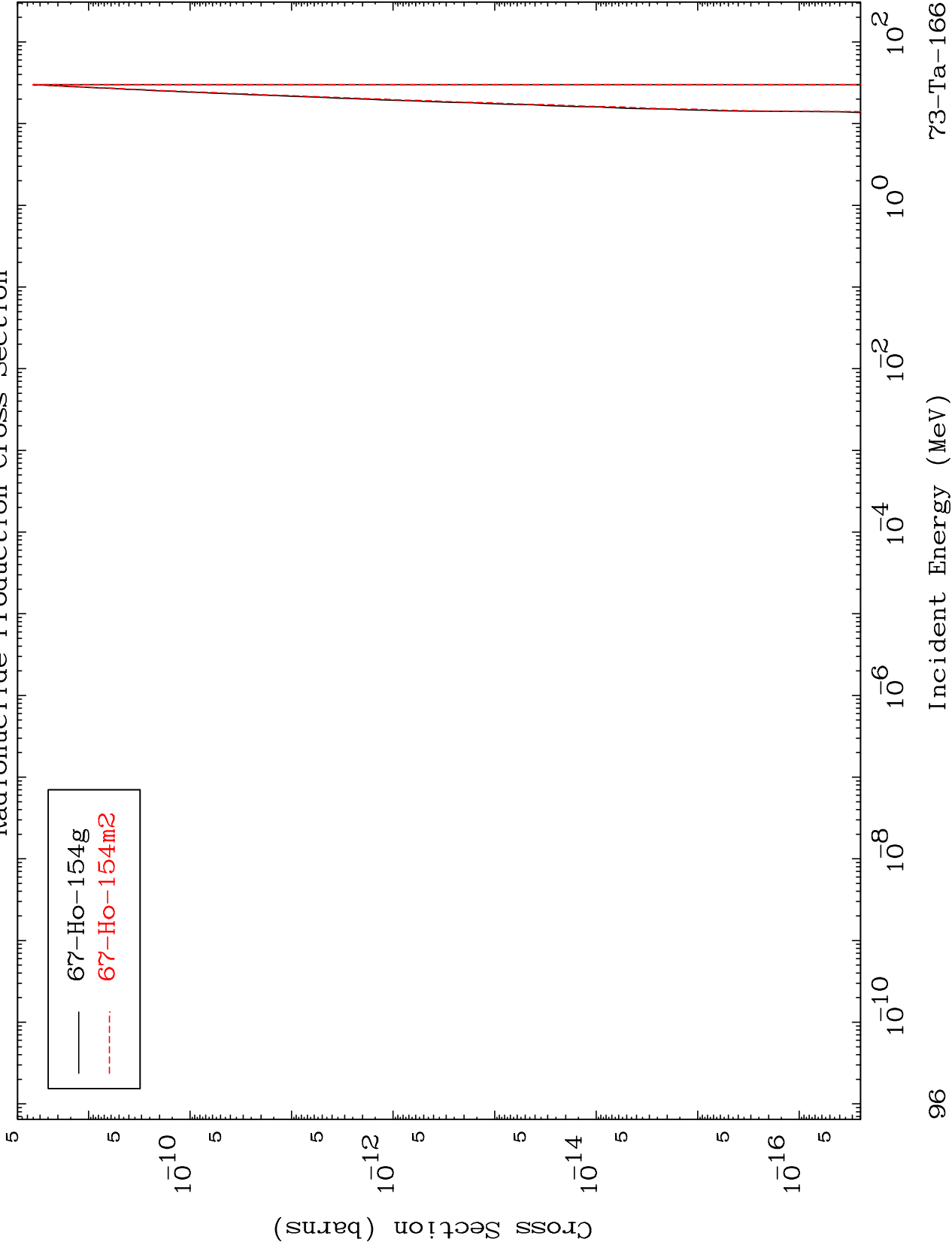
$^{73}\text{Ta-166}$

MAT 7283

(n,n') 3 α

⁷³Ta-166

Radionuclide Production Cross Section

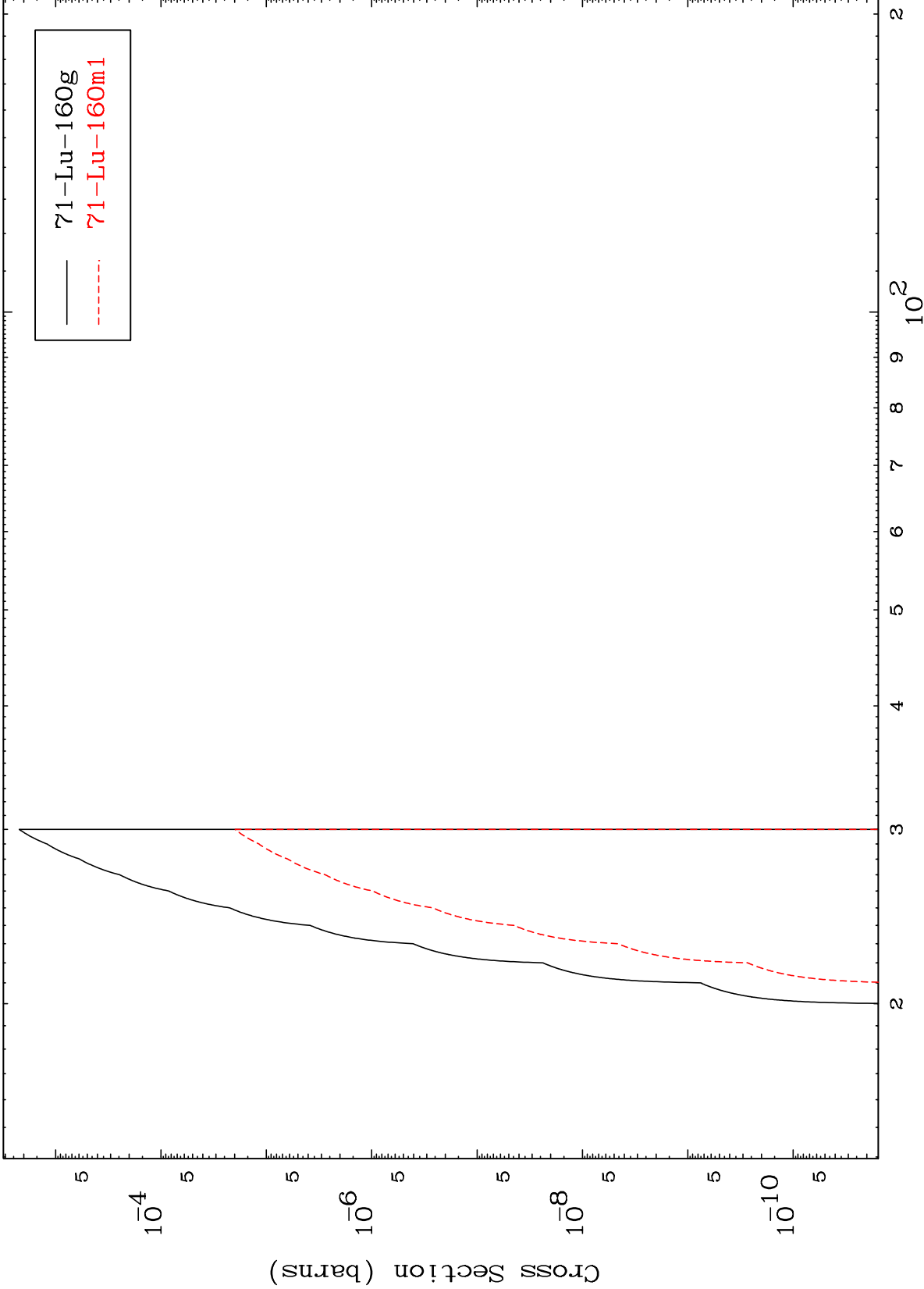


96

Incident Energy (MeV)

⁷³Ta-166

Radionuclide Production Cross Section



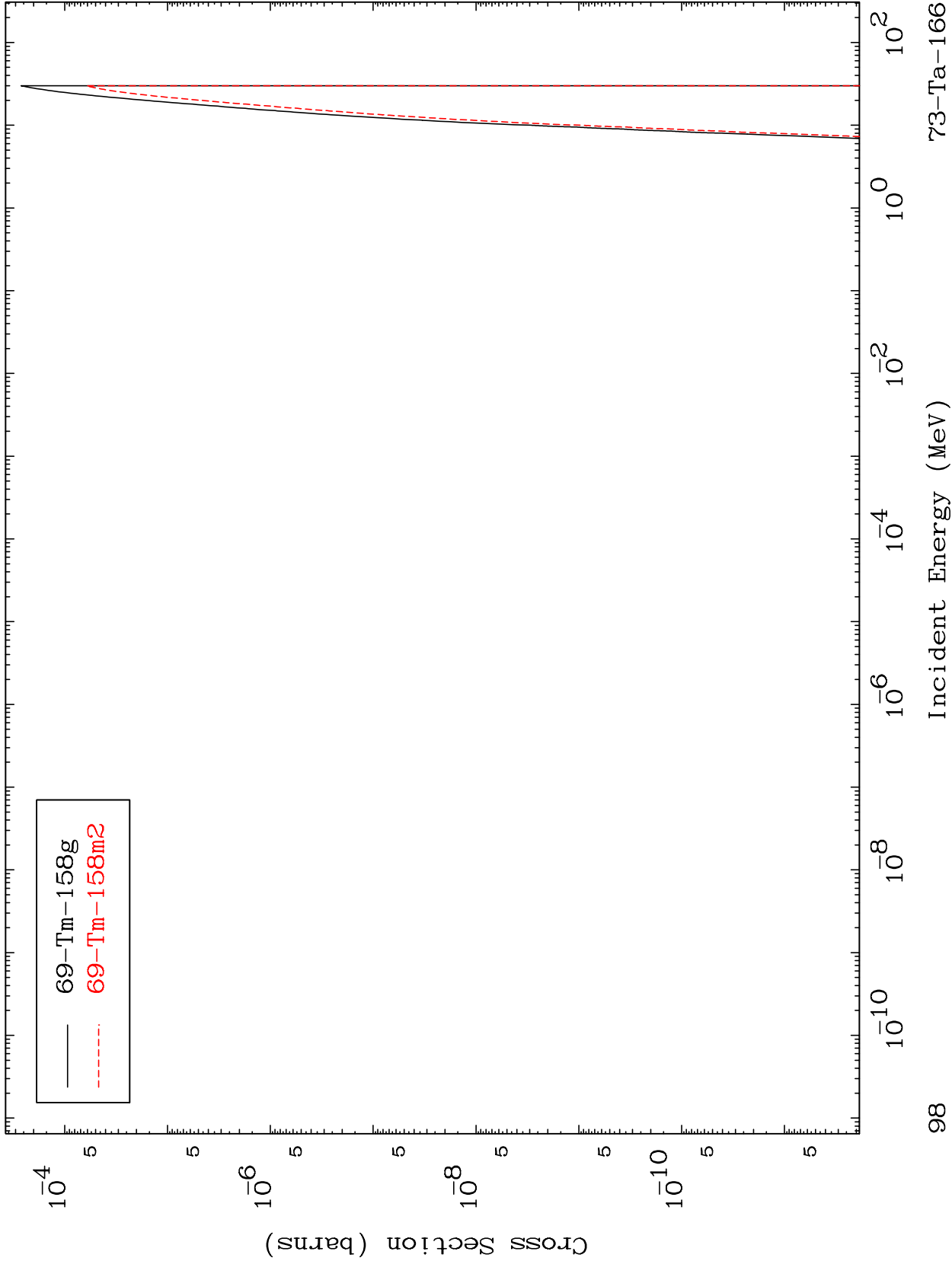
71-Lu-160g
71-Lu-160m1

MAT 7283

(n,n') 2α

73-Ta-166

Radionuclide Production Cross Section



98

Incident Energy (MeV)

73-Ta-166