

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

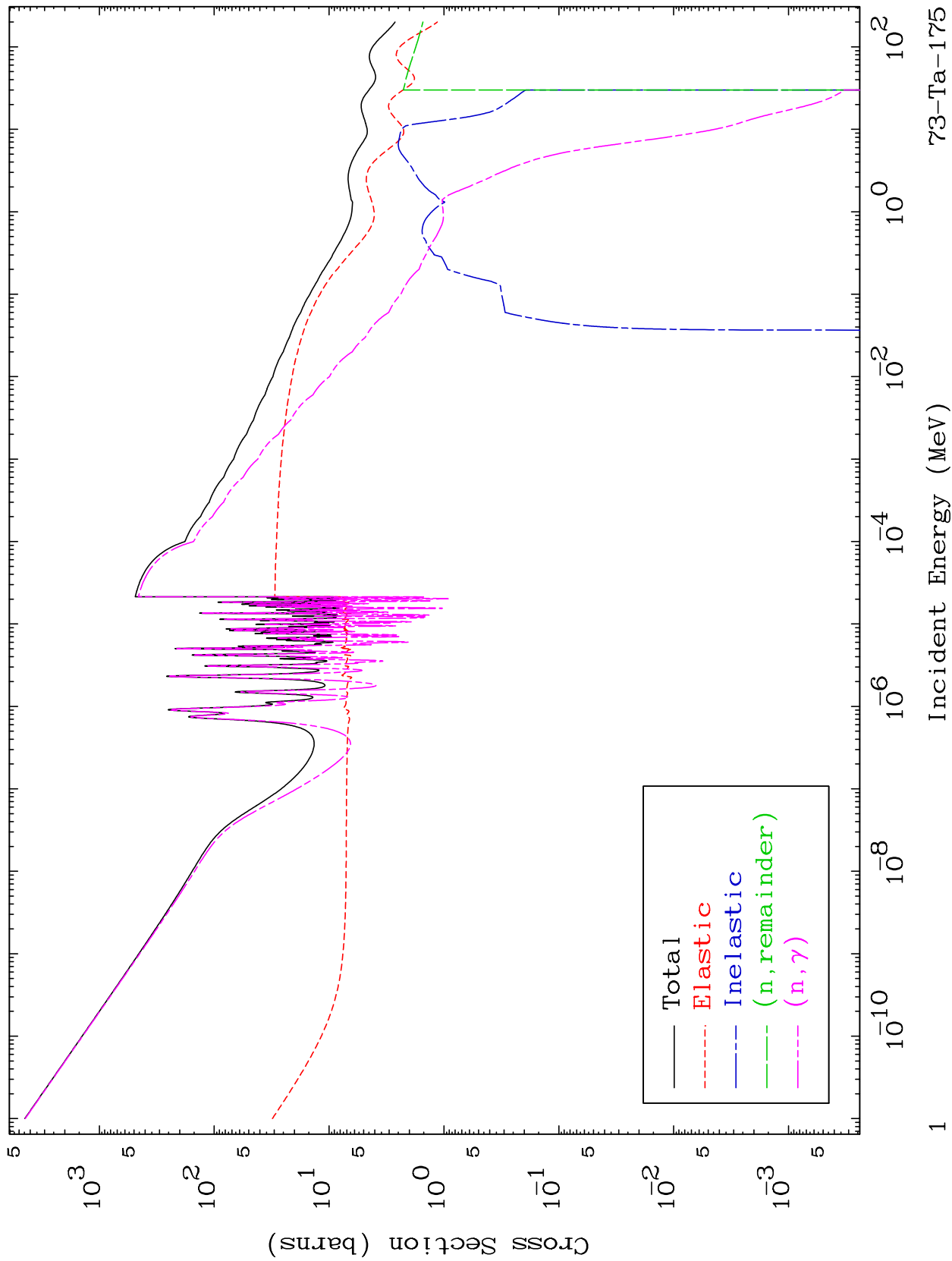
Press Mouse Button to Start

MAT 7310

Major

293 Kelvin Cross Sections

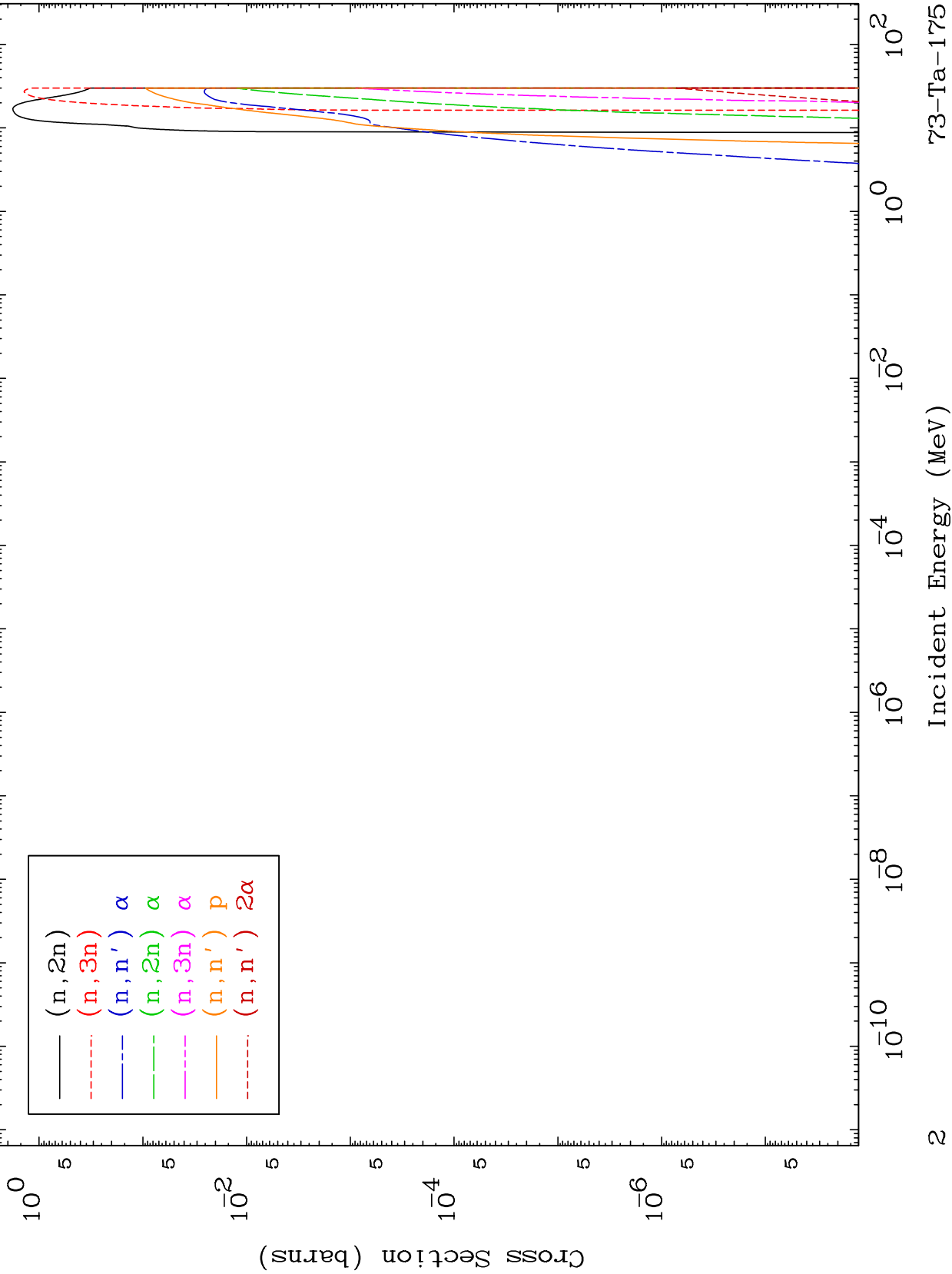
73-Ta-175

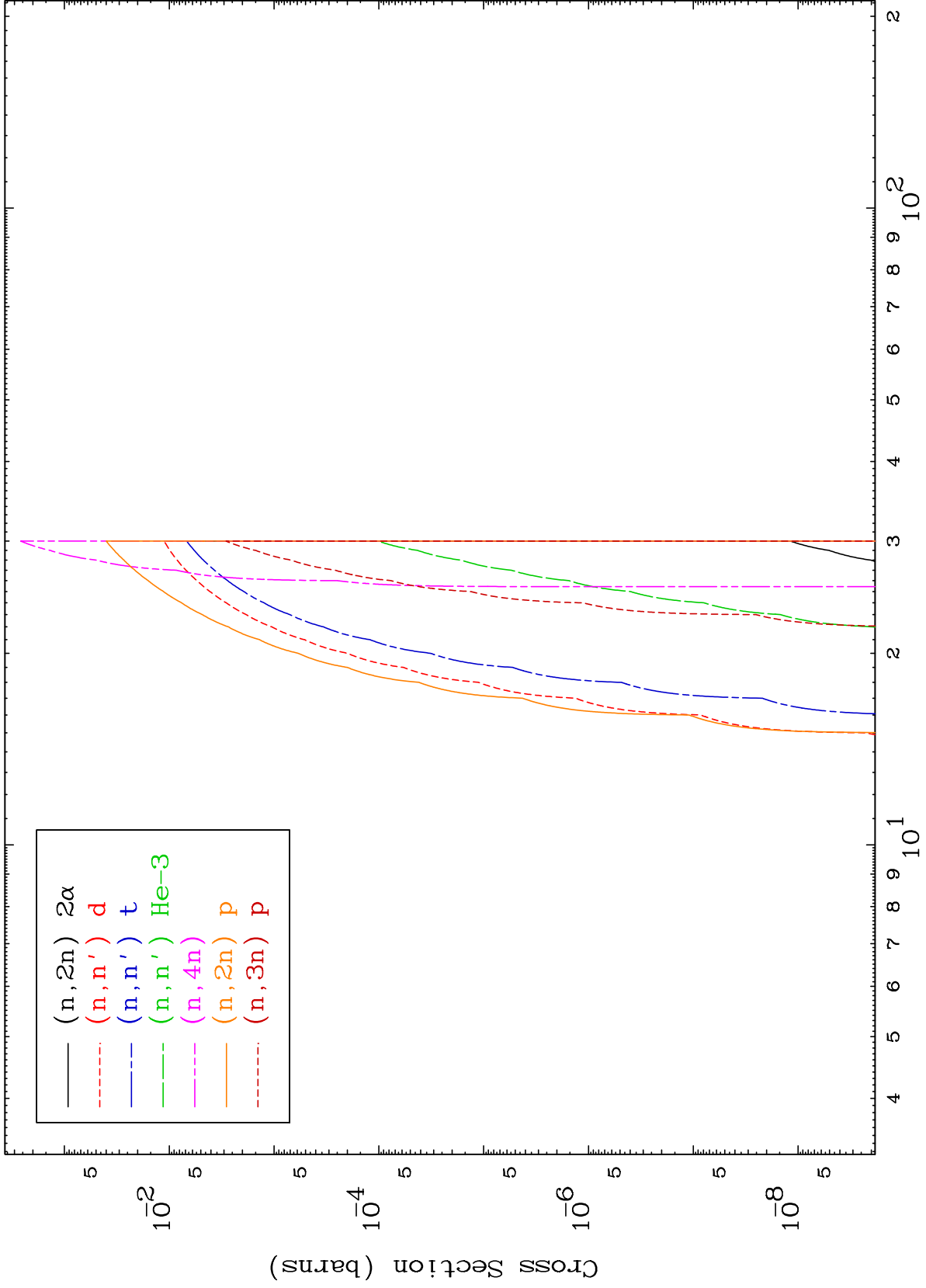


MAT 7310

Neutron Production
293 Kelvin Cross Sections

73-Ta-175

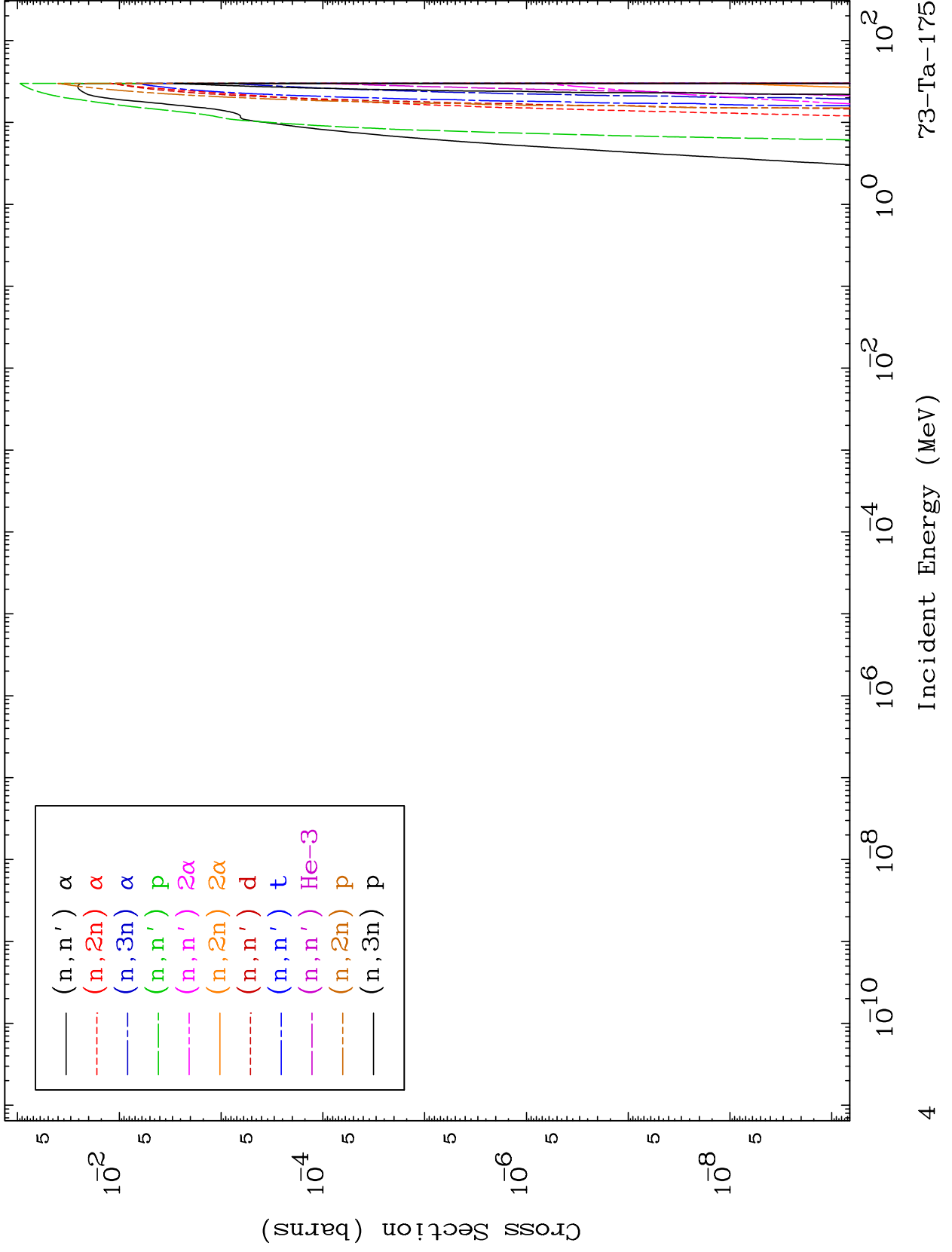




MAT 7310

Charged Particle
293 Kelvin Cross Sections

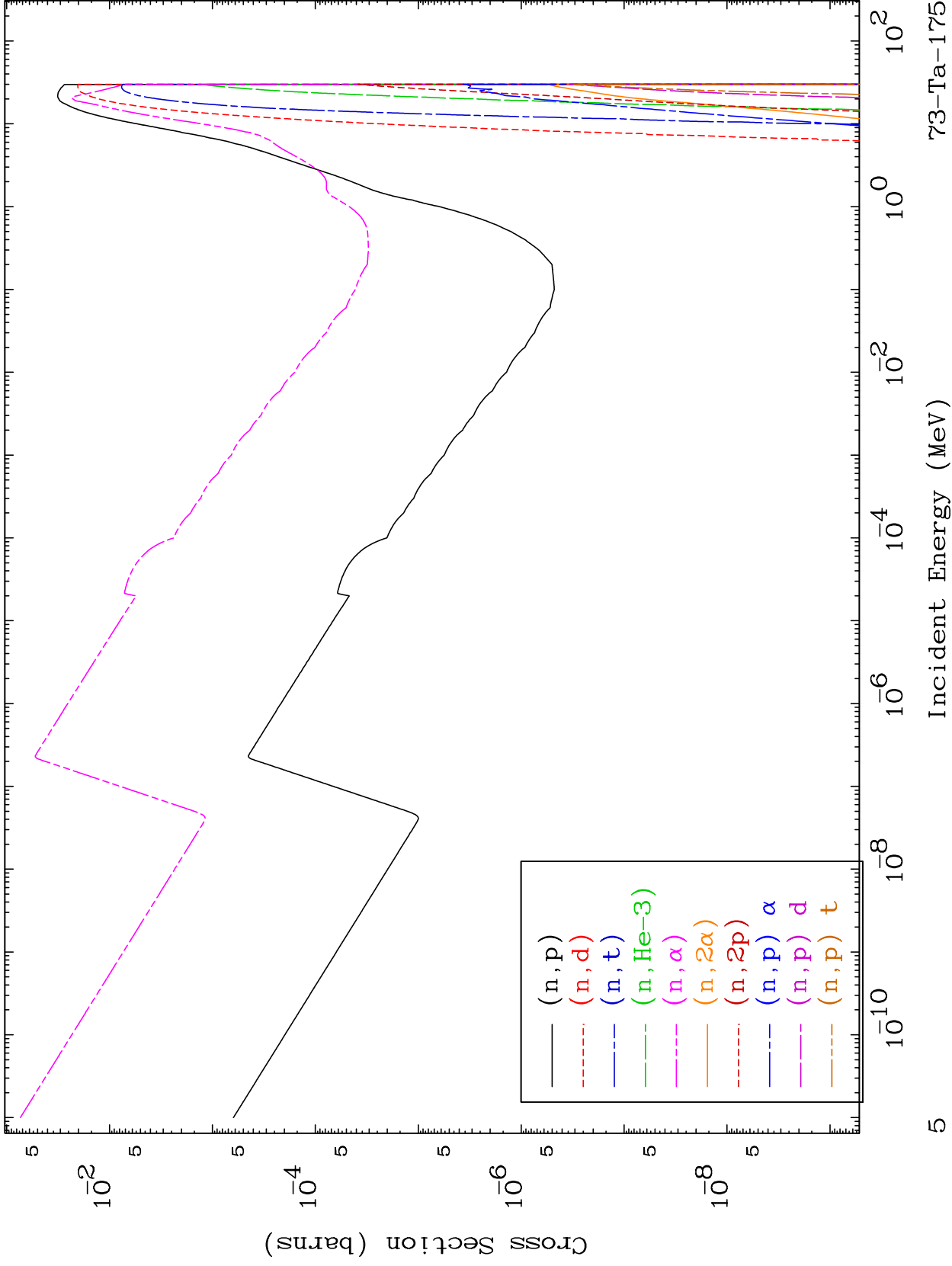
73-Ta-175



MAT 7310

Charged Particle
293 Kelvin Cross Sections

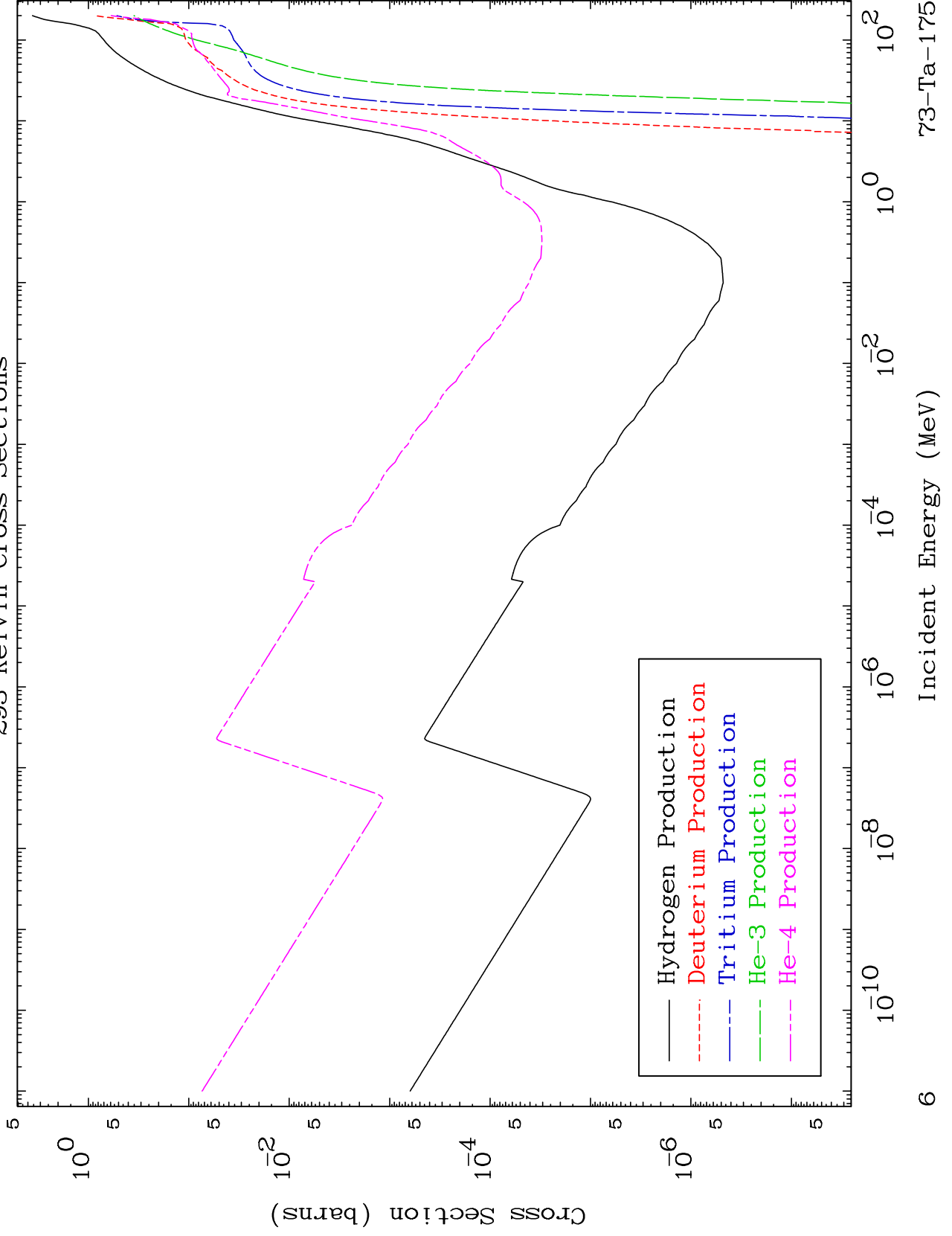
73-Ta-175



MAT 7310

Particle Production
293 Kelvin Cross Sections

73-Ta-175

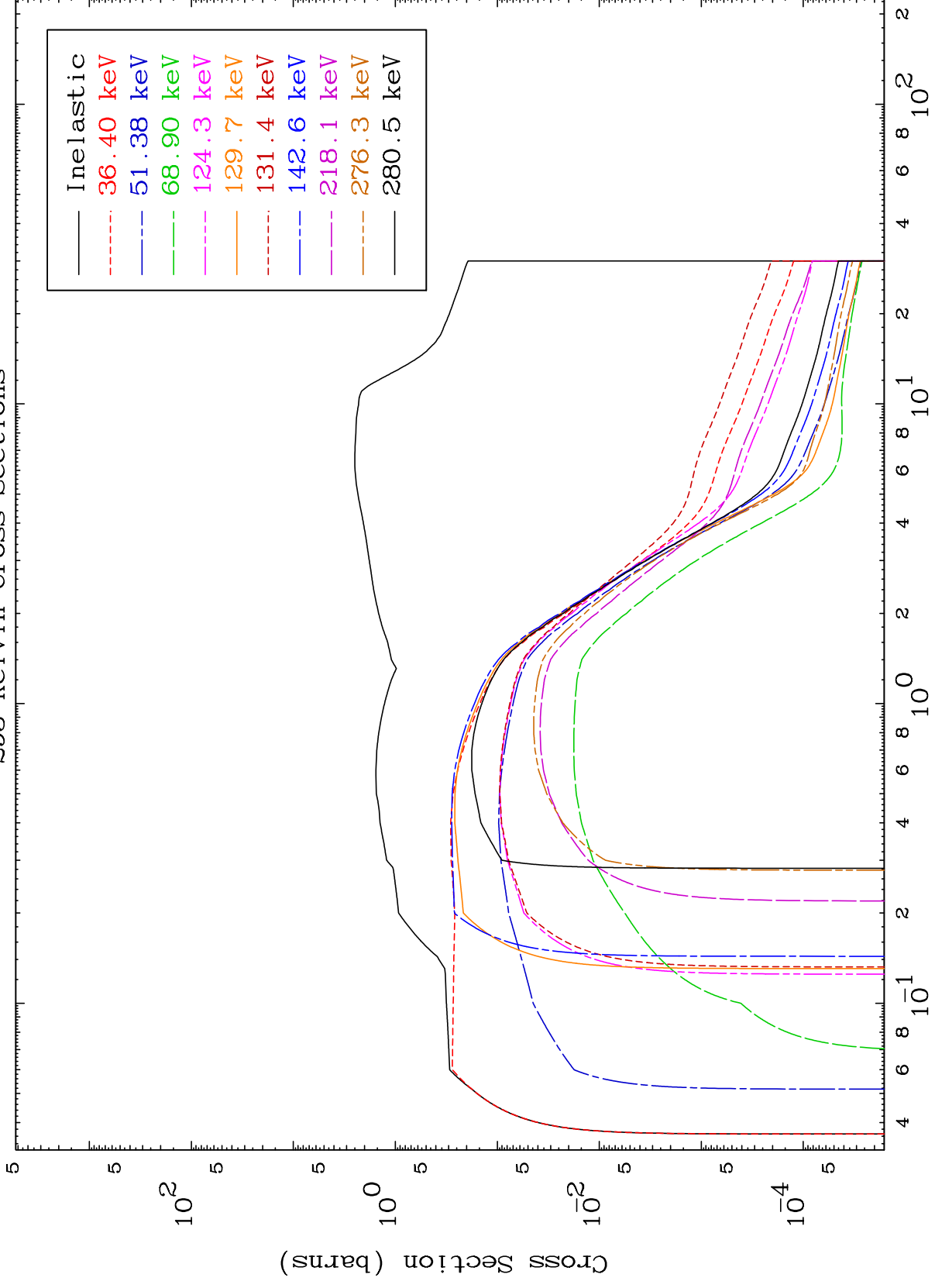


MAT 7310

(n,n') Level

73-Ta-175

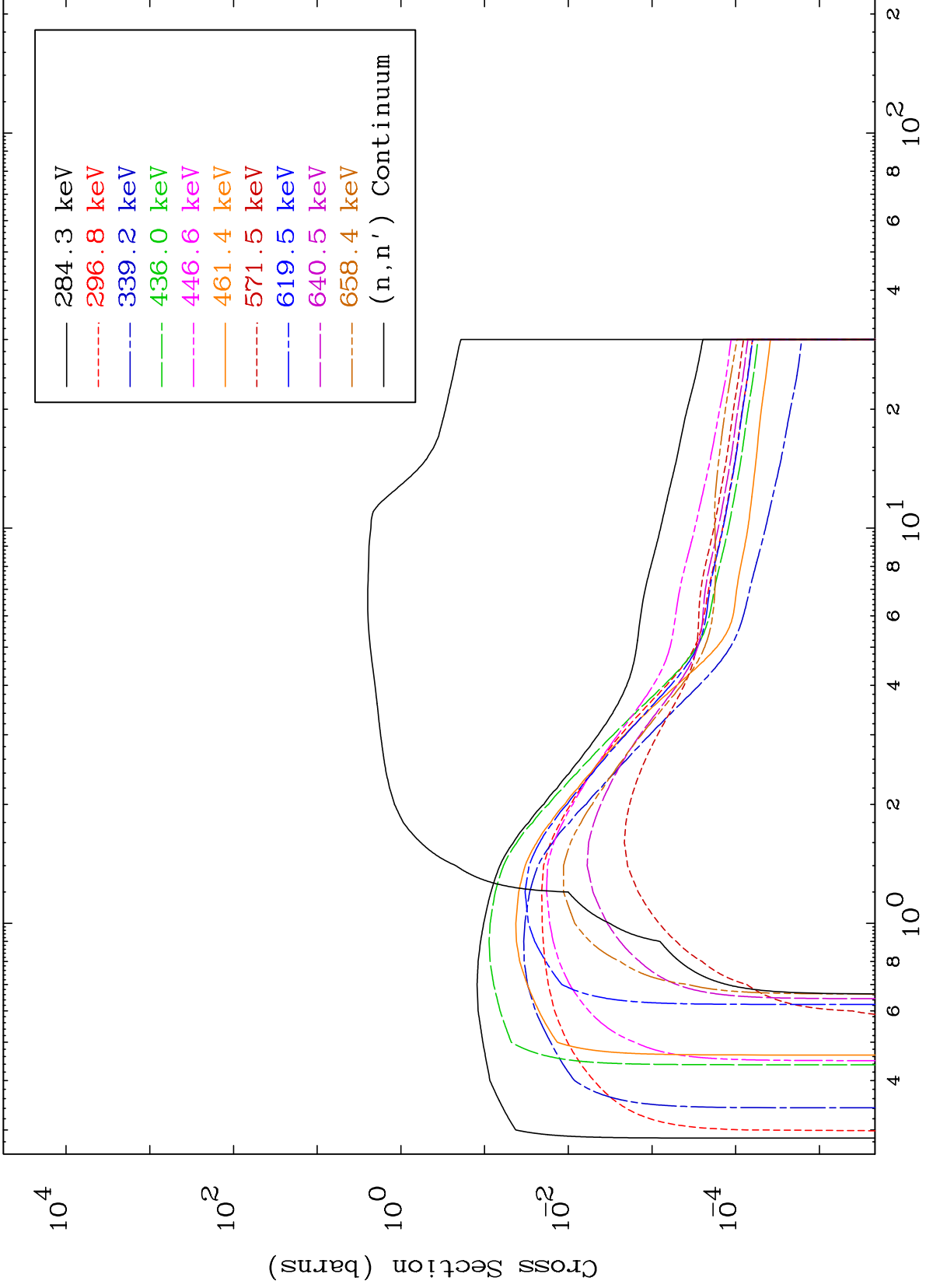
293 Kelvin Cross Sections



MAT 7310

(n,n') Level
293 Kelvin Cross Sections

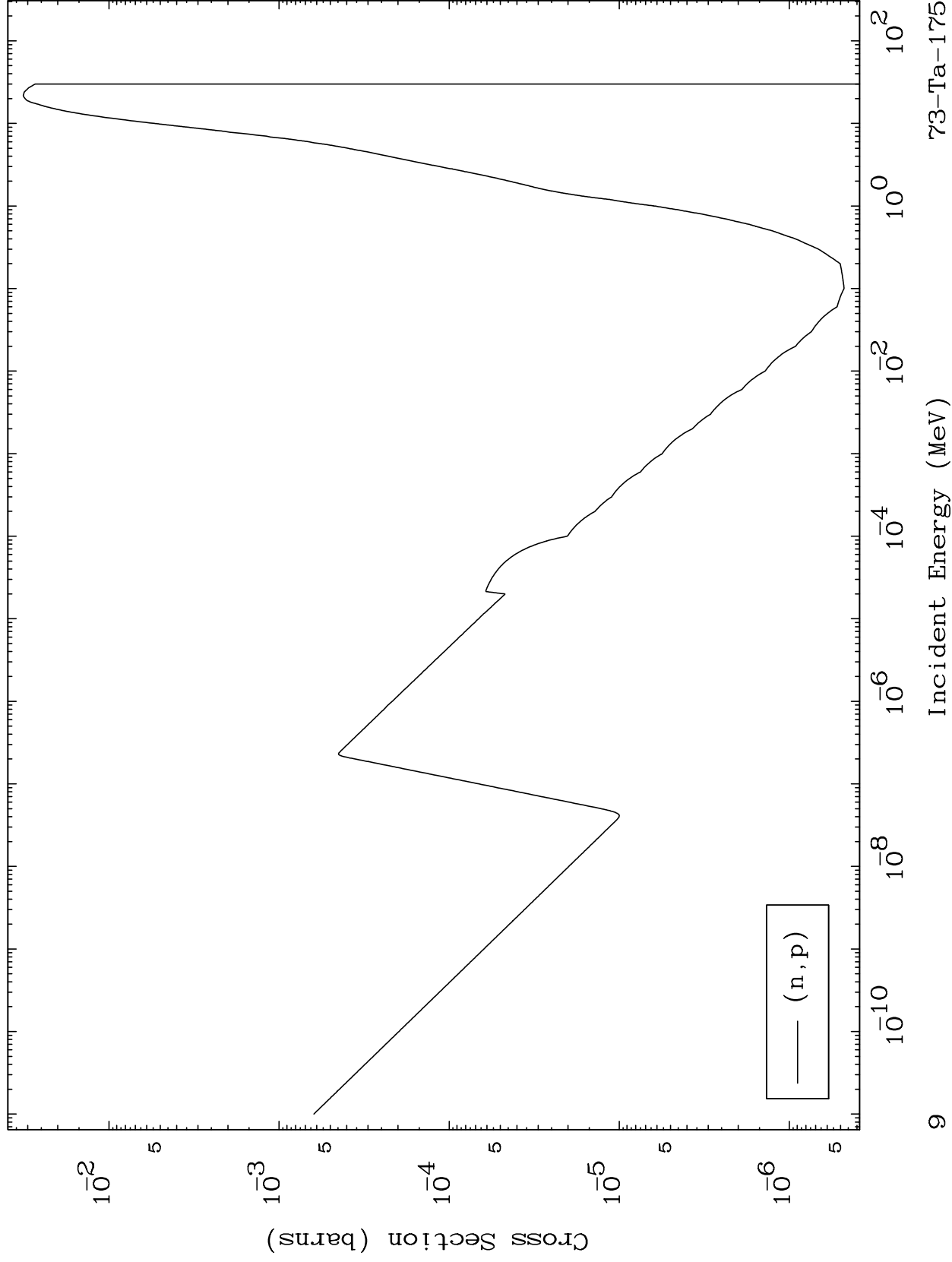
73-Ta-175



MAT 7310

(n,p) Levels
293 Kelvin Cross Sections

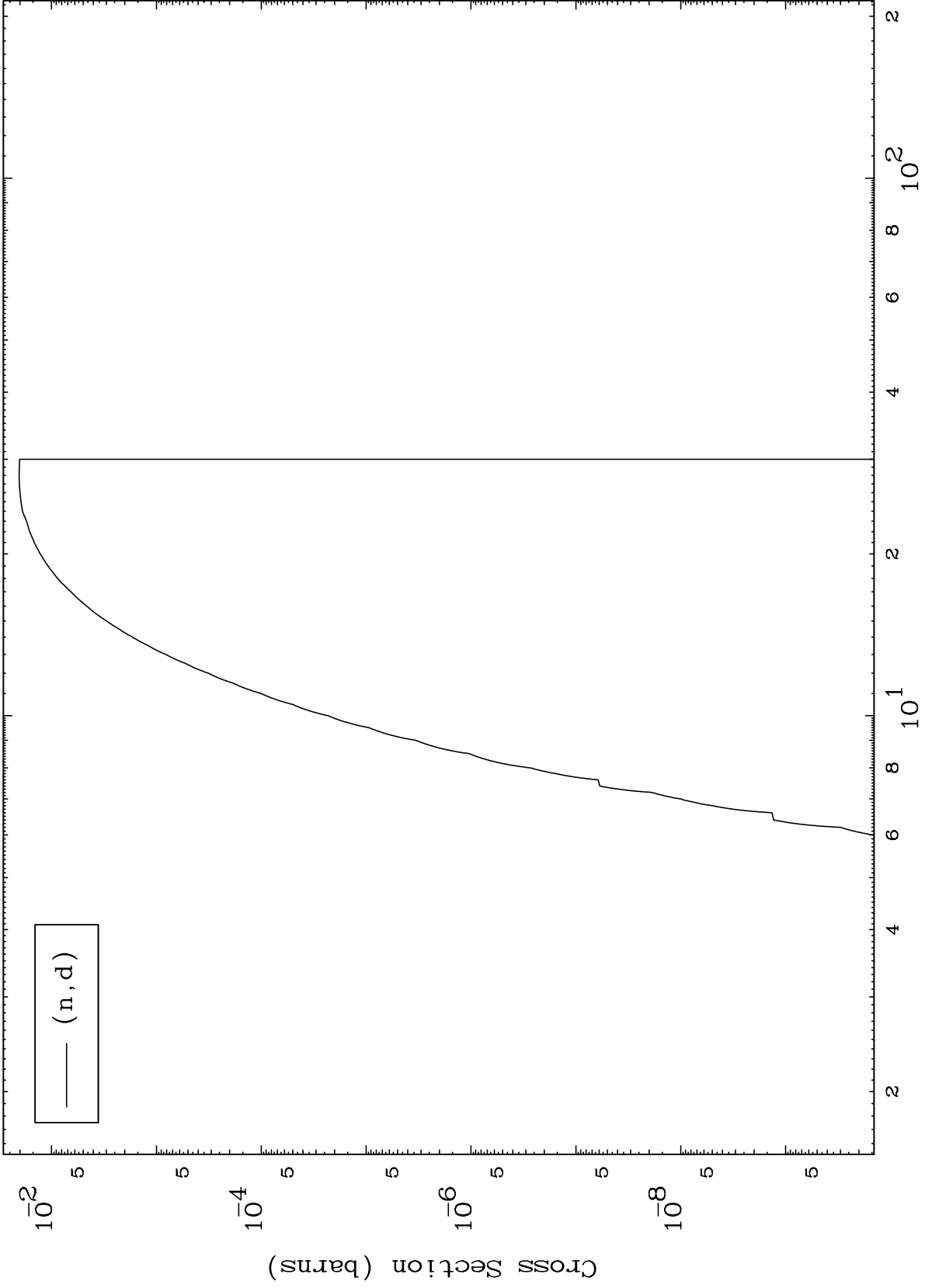
73-Ta-175



MAT 7310

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-175



10

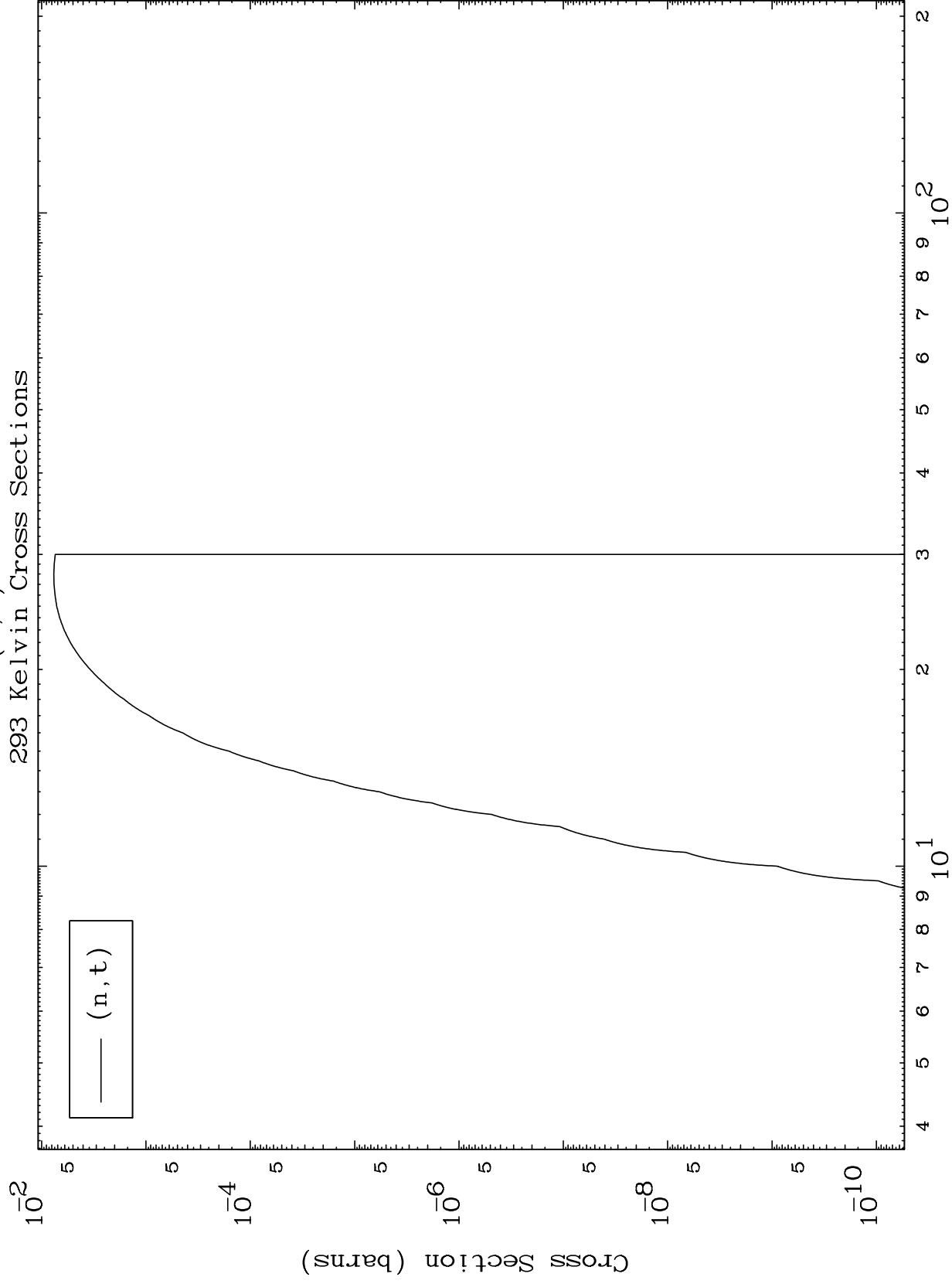
Incident Energy (MeV)

73-Ta-175

MAT 7310

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-175



11

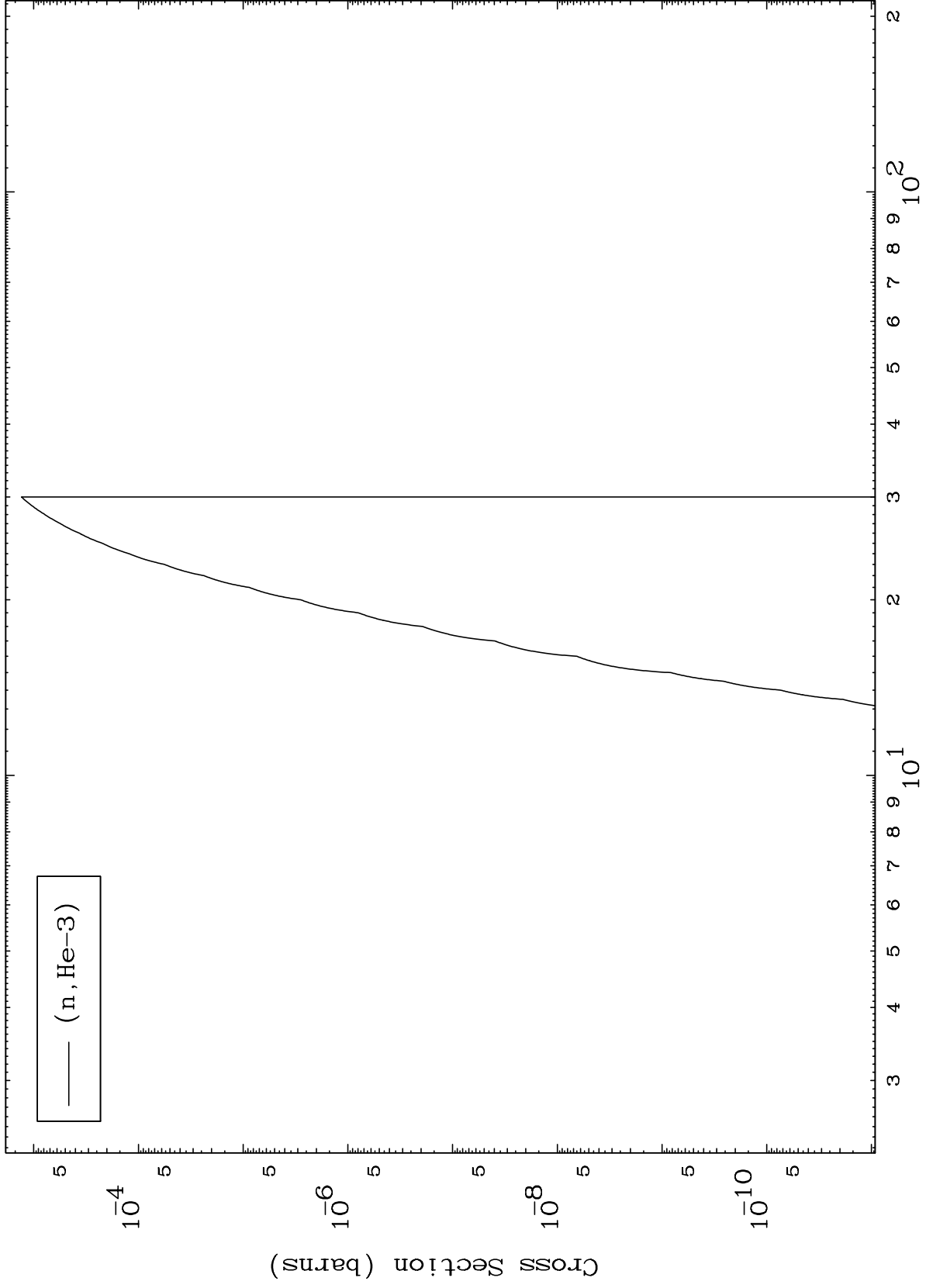
Incident Energy (MeV)

73-Ta-175

MAT 7310

(n,He3) Levels
293 Kelvin Cross Sections

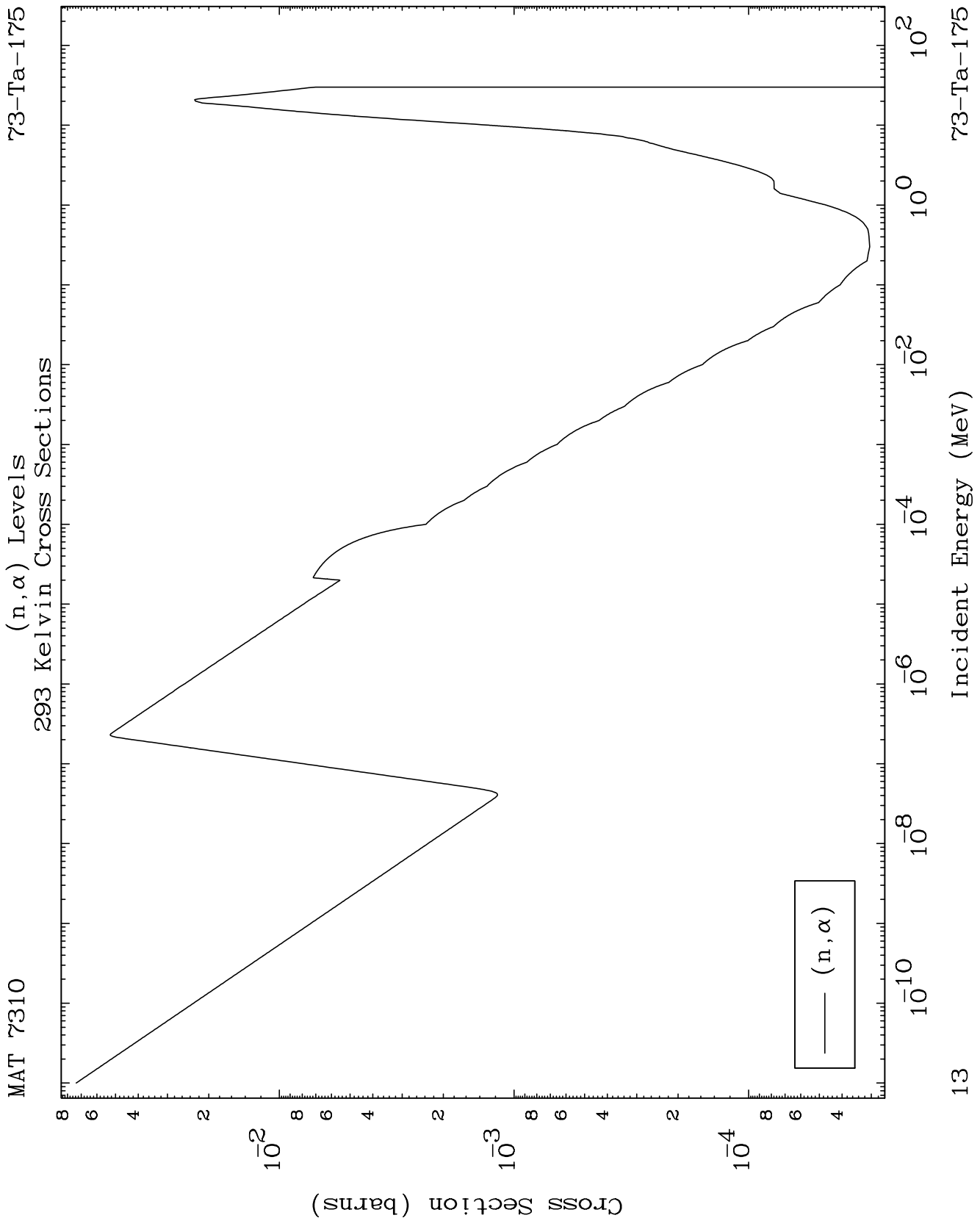
73-Ta-175

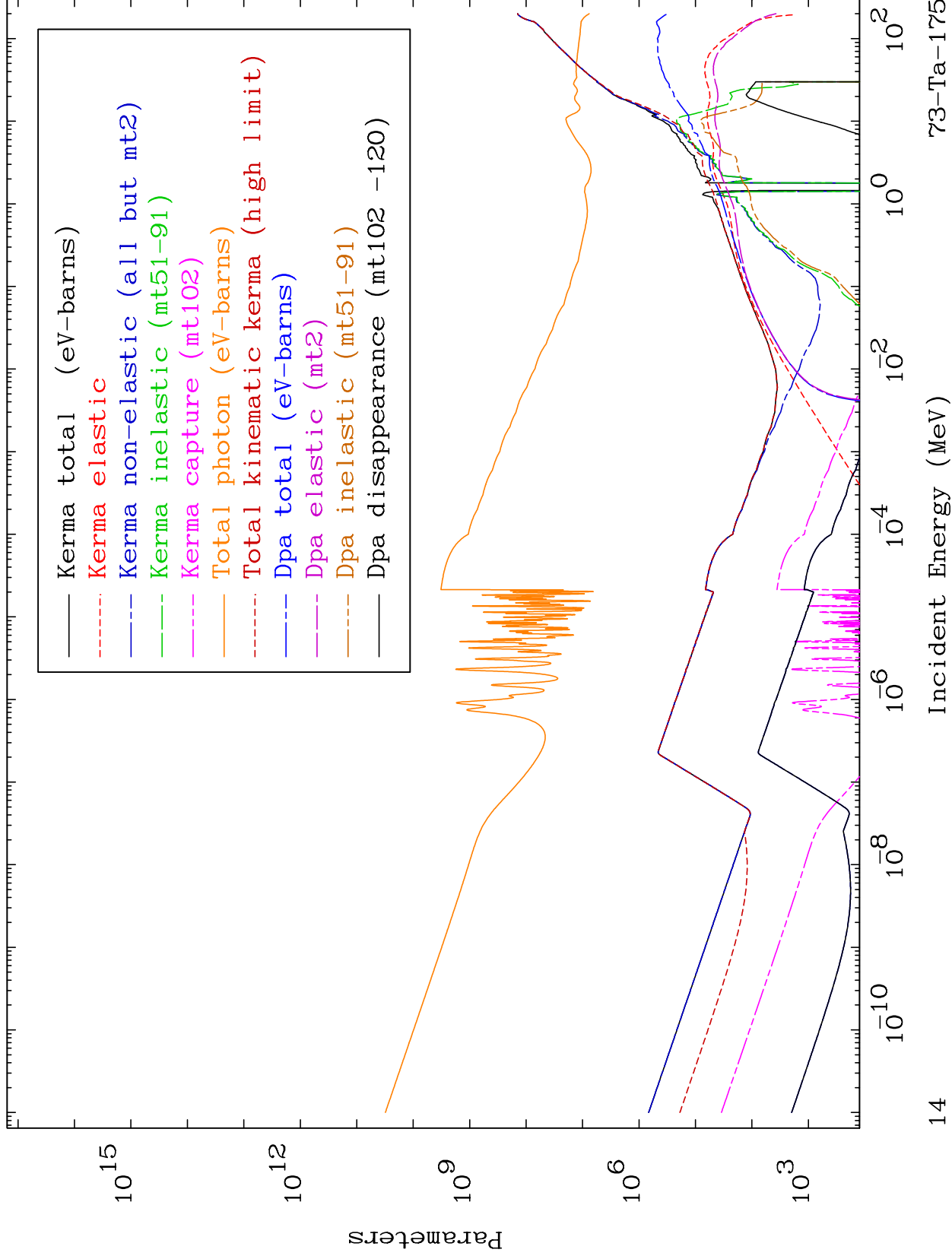


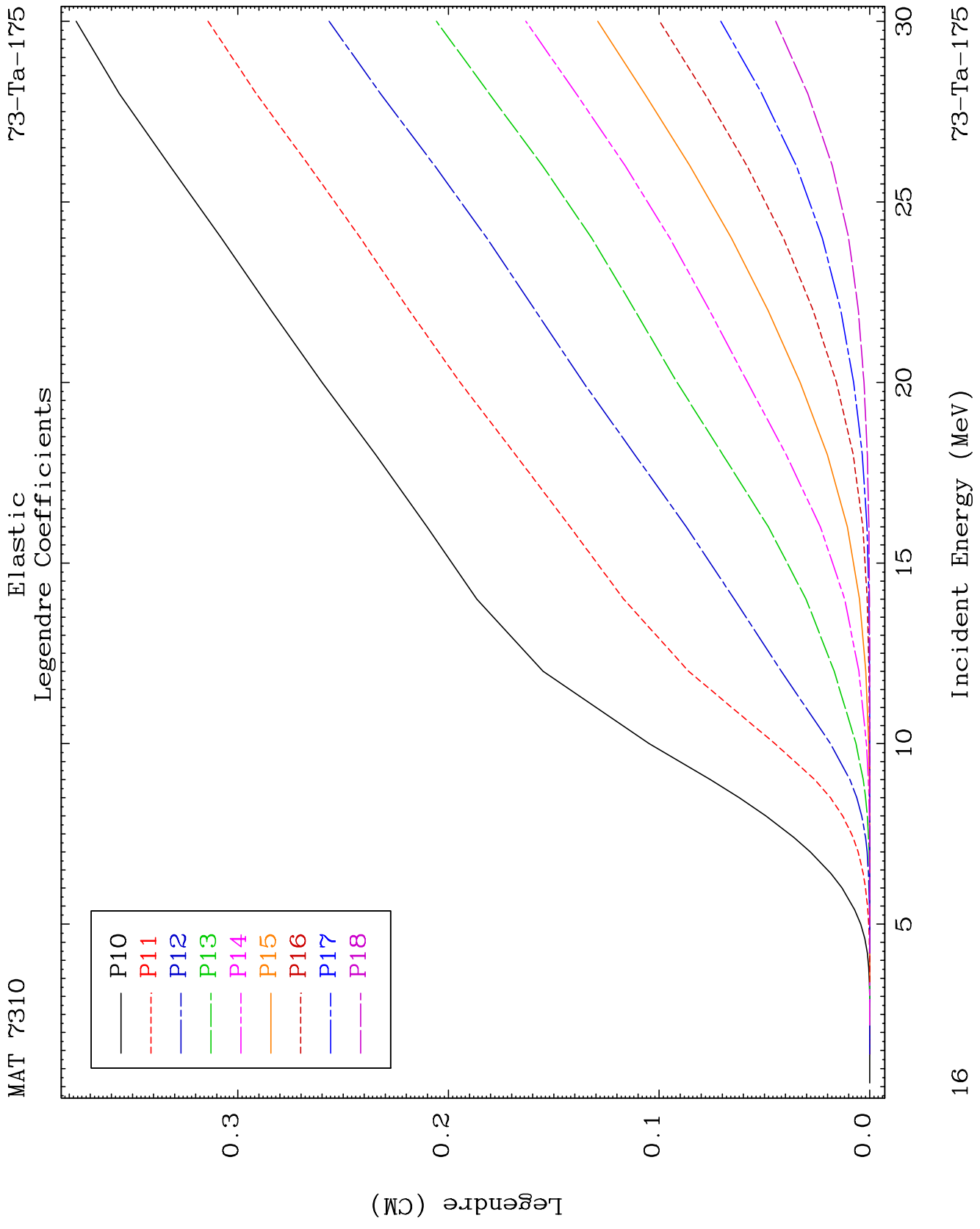
12

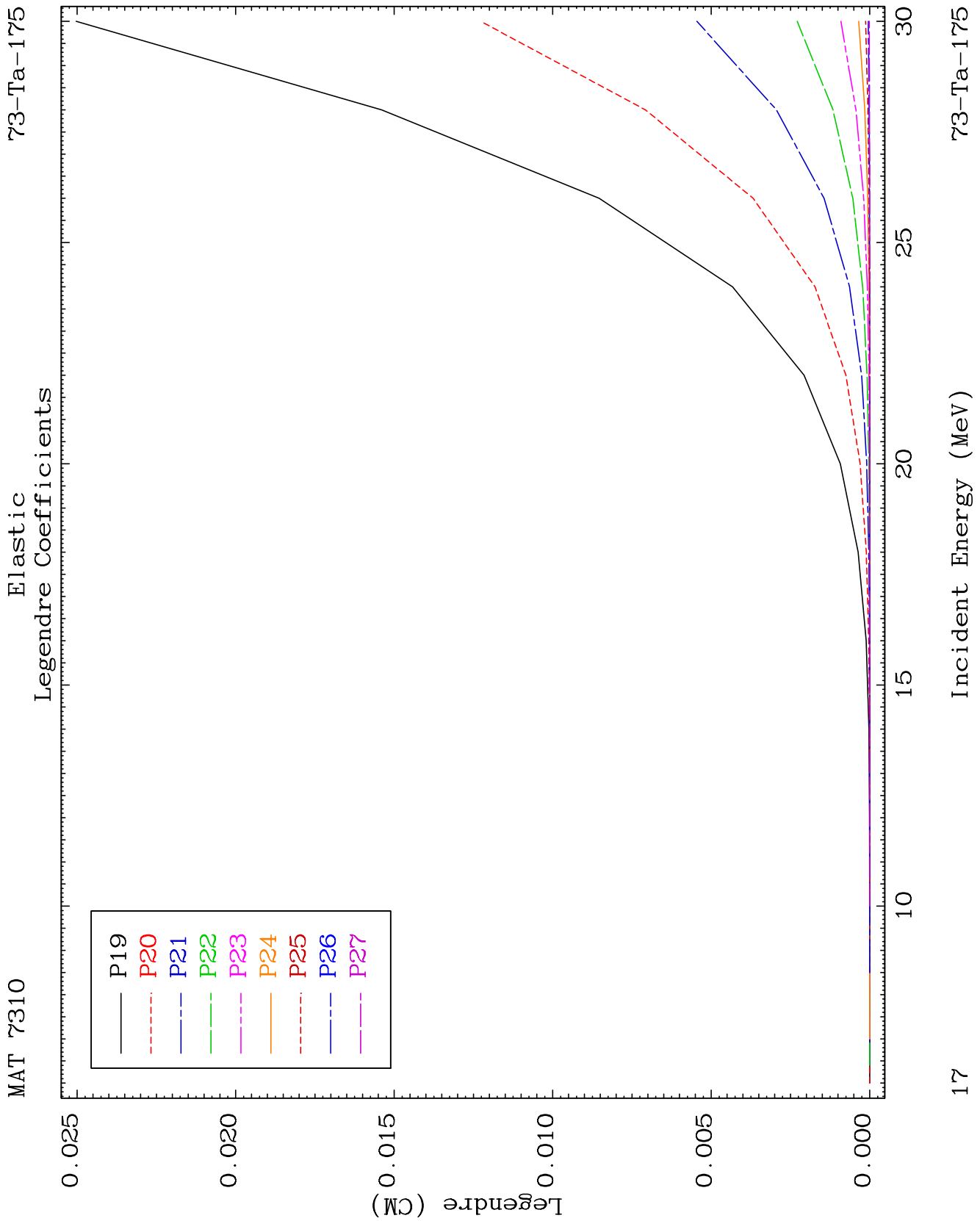
Incident Energy (MeV)

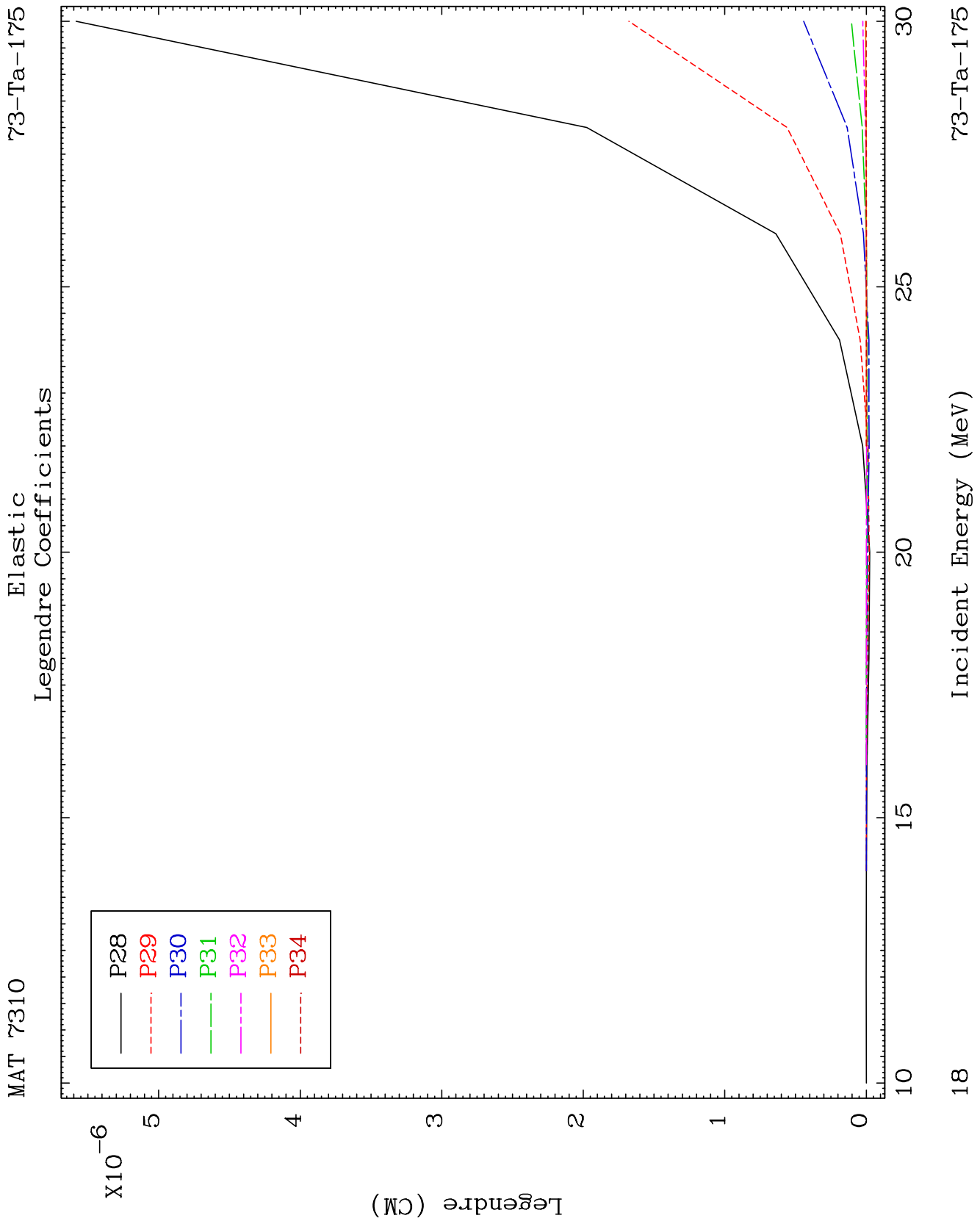
73-Ta-175







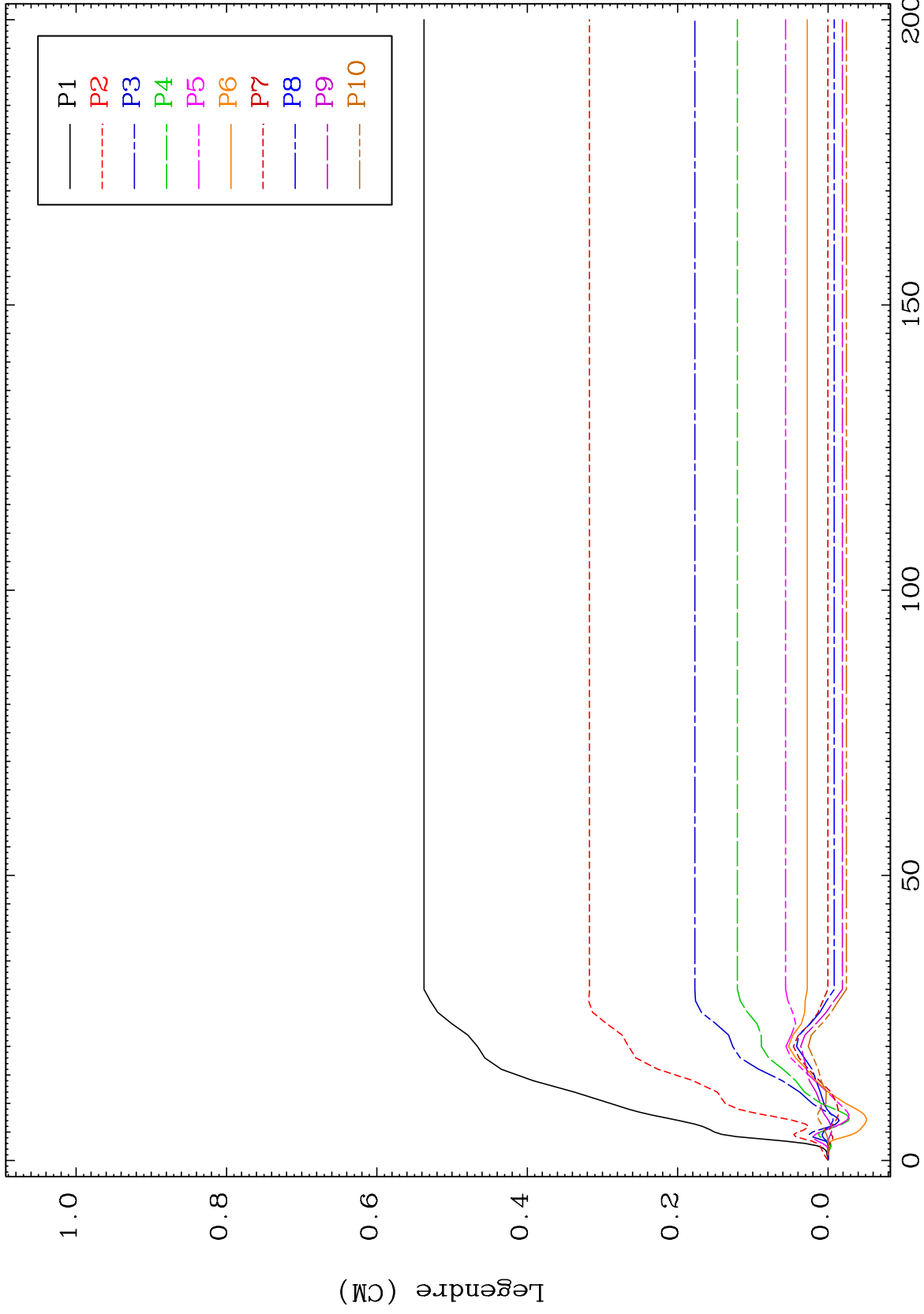




MAT 7310

36.40 keV (n,n') Level
Legendre Coefficients

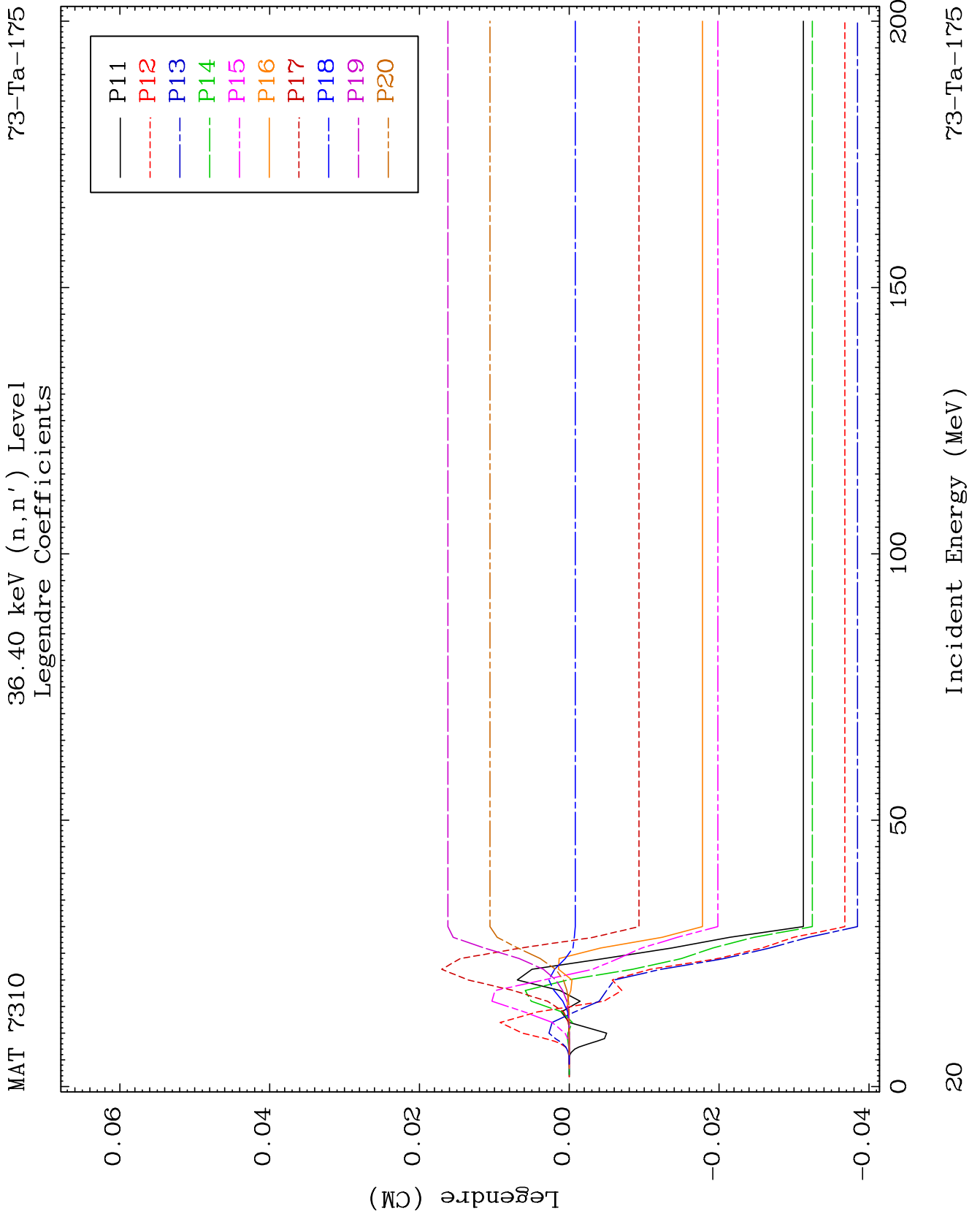
73-Ta-175



19

Incident Energy (MeV)

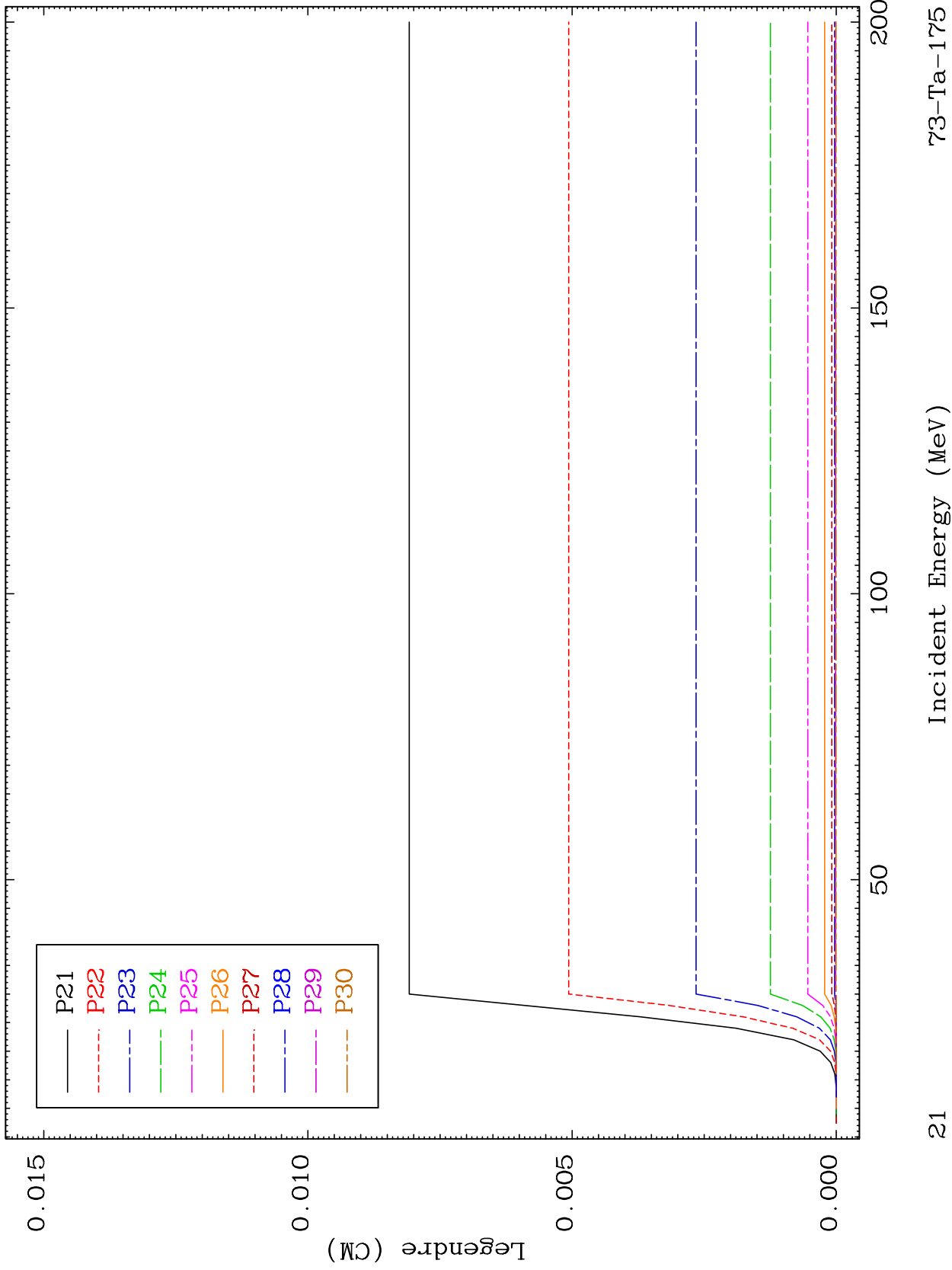
73-Ta-175

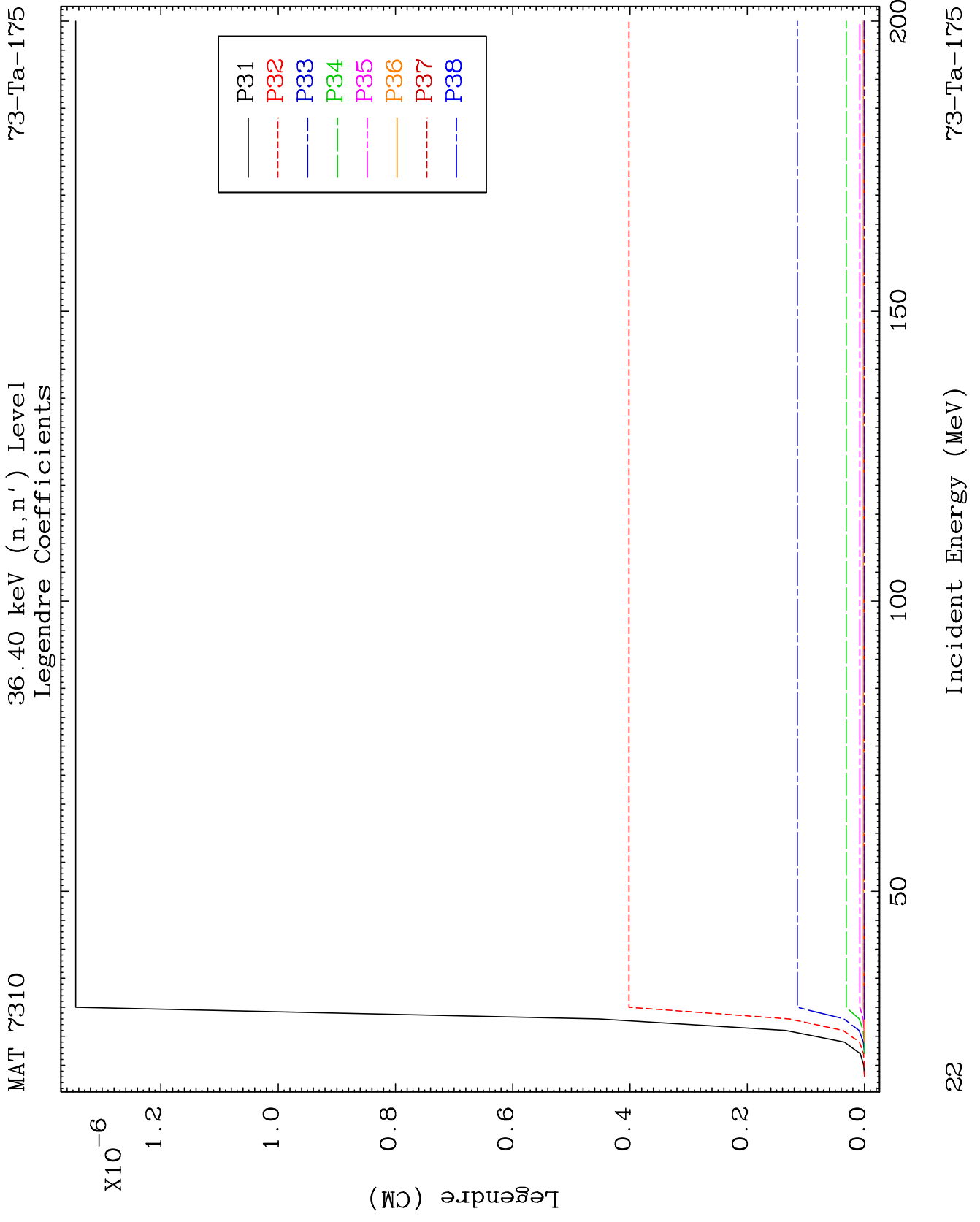


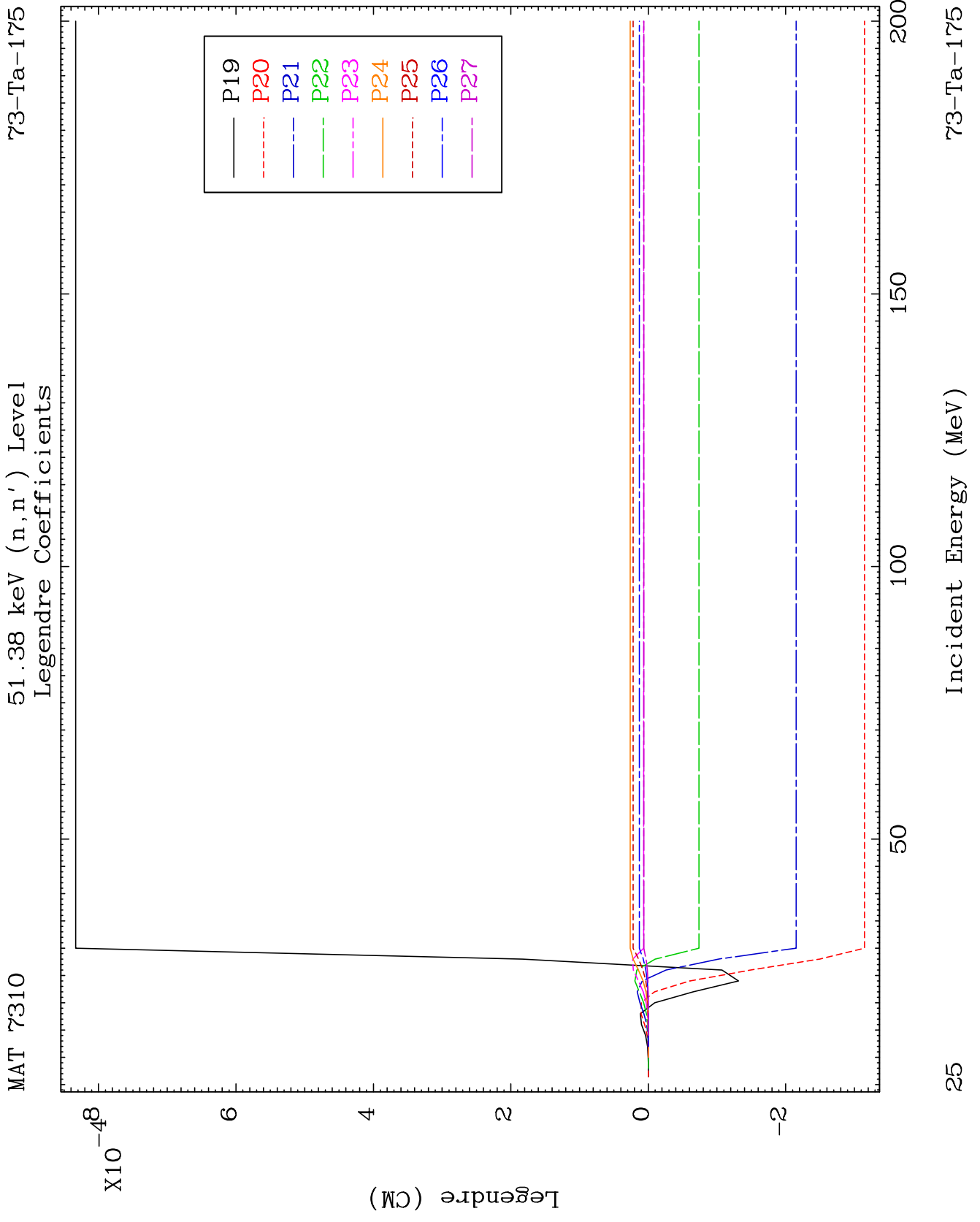
MAT 7310

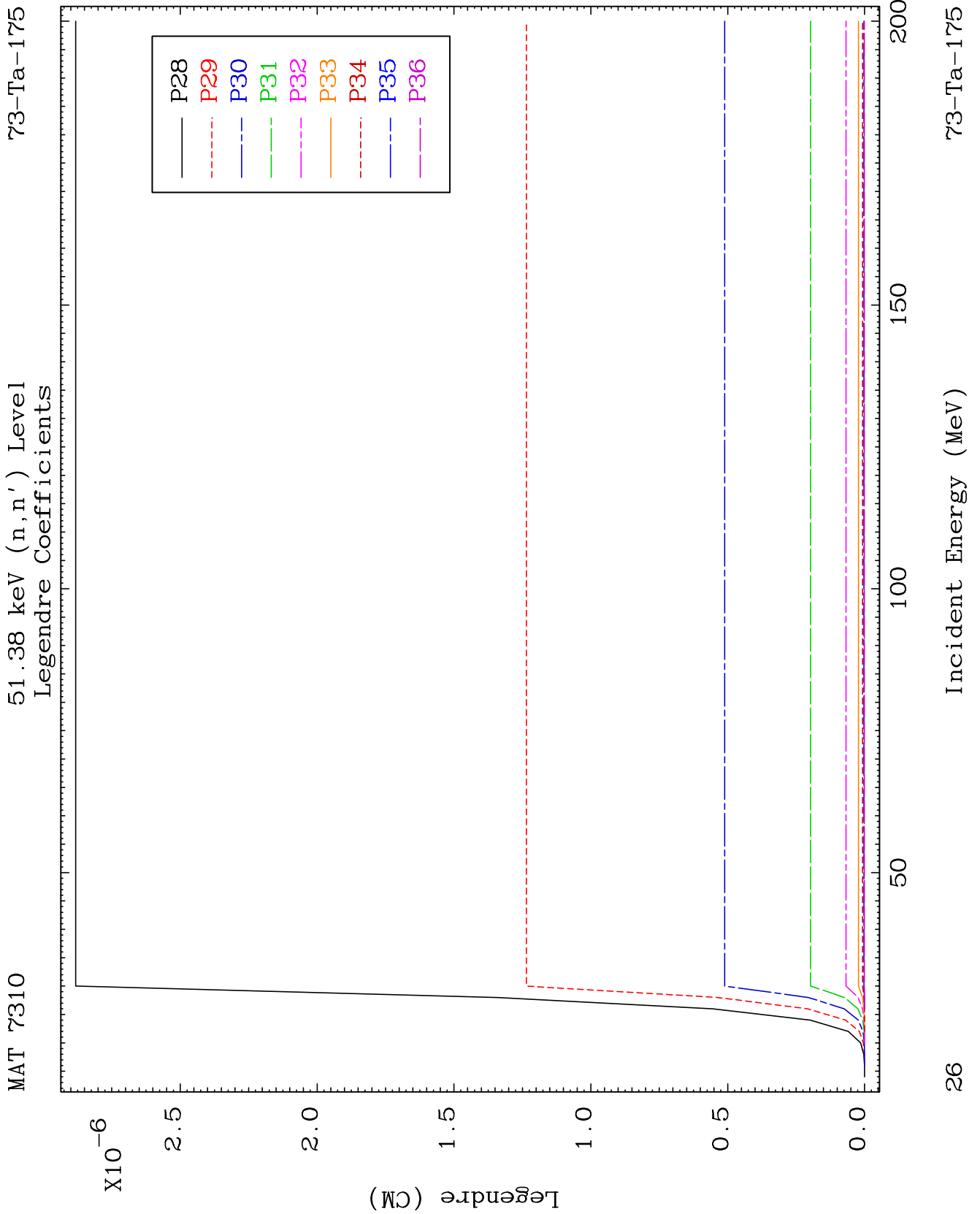
36.40 keV (n,n') Level
Legendre Coefficients

73-Ta-175





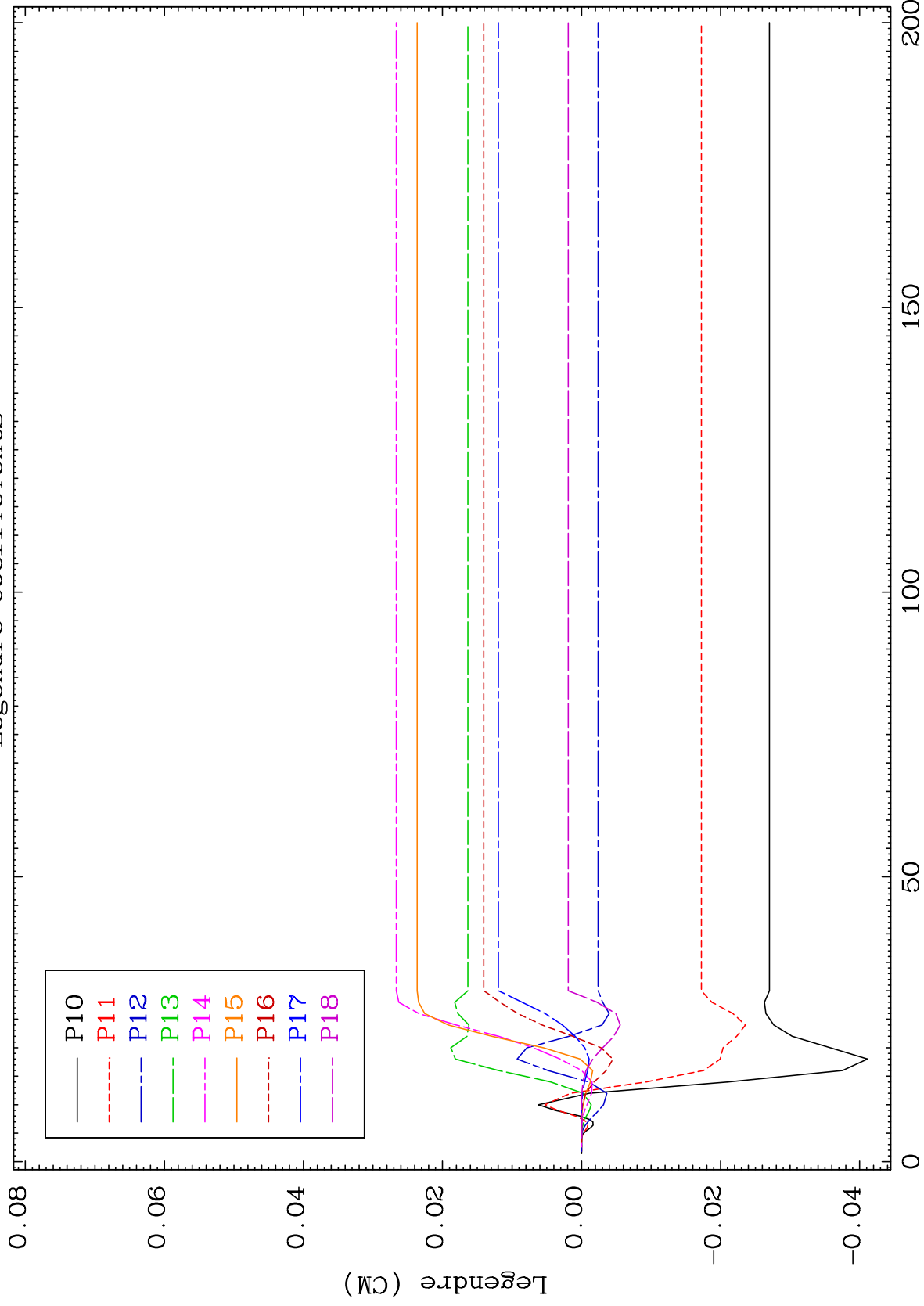




MAT 7310

68.90 keV (n,n') Level
Legendre Coefficients

73-Ta-175



28

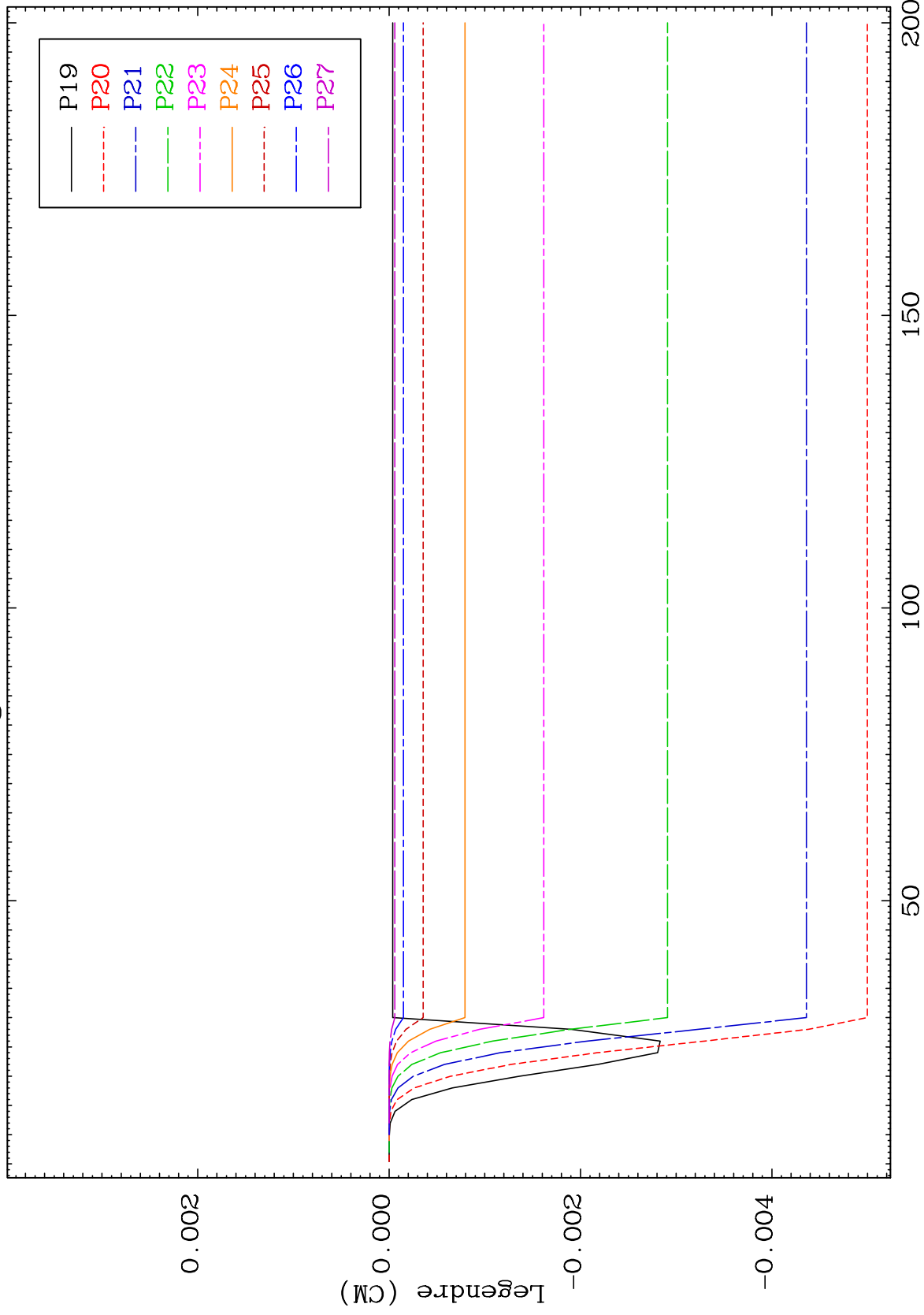
Incident Energy (MeV)

73-Ta-175

MAT 7310

68.90 keV (n,n') Level
Legendre Coefficients

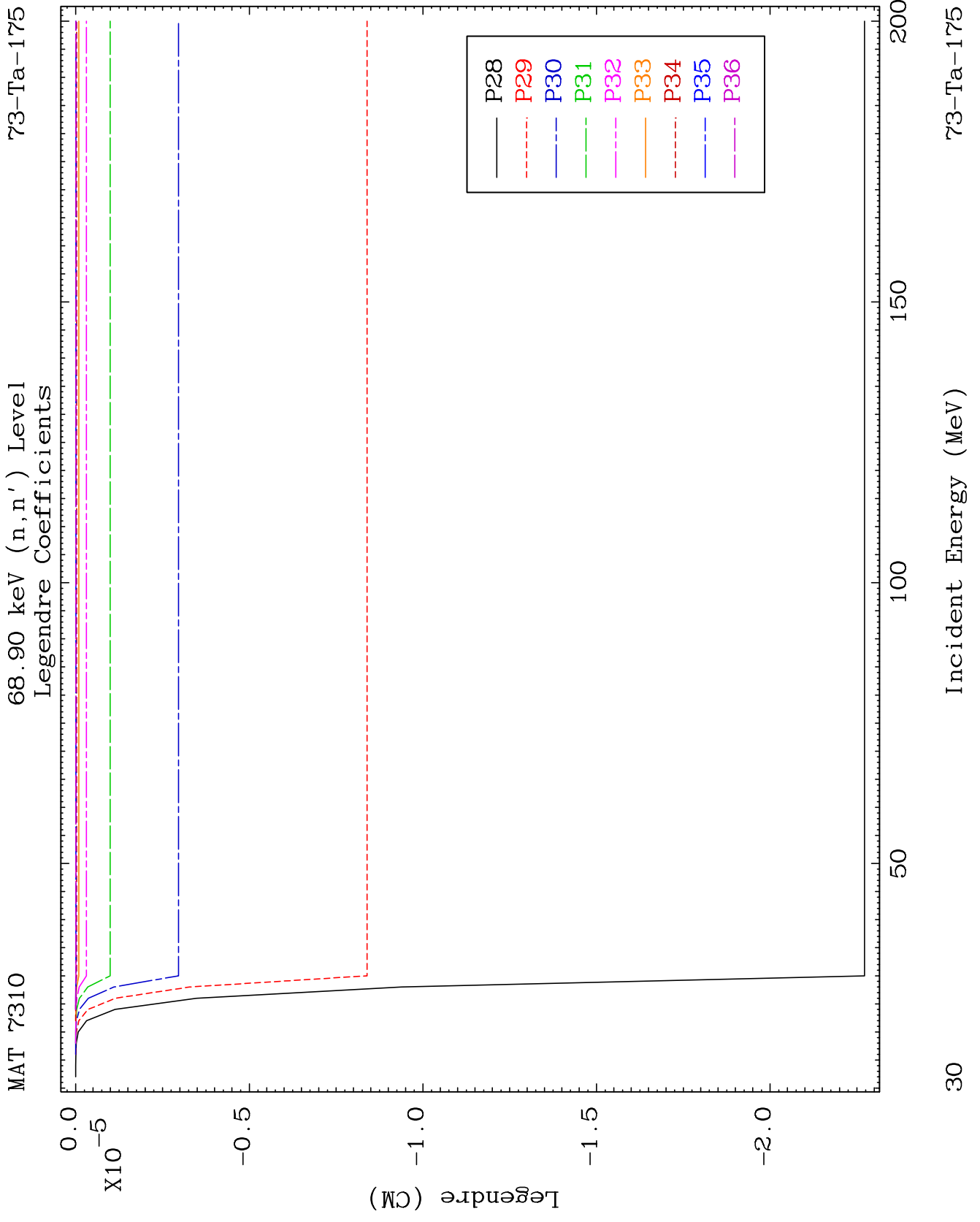
73-Ta-175

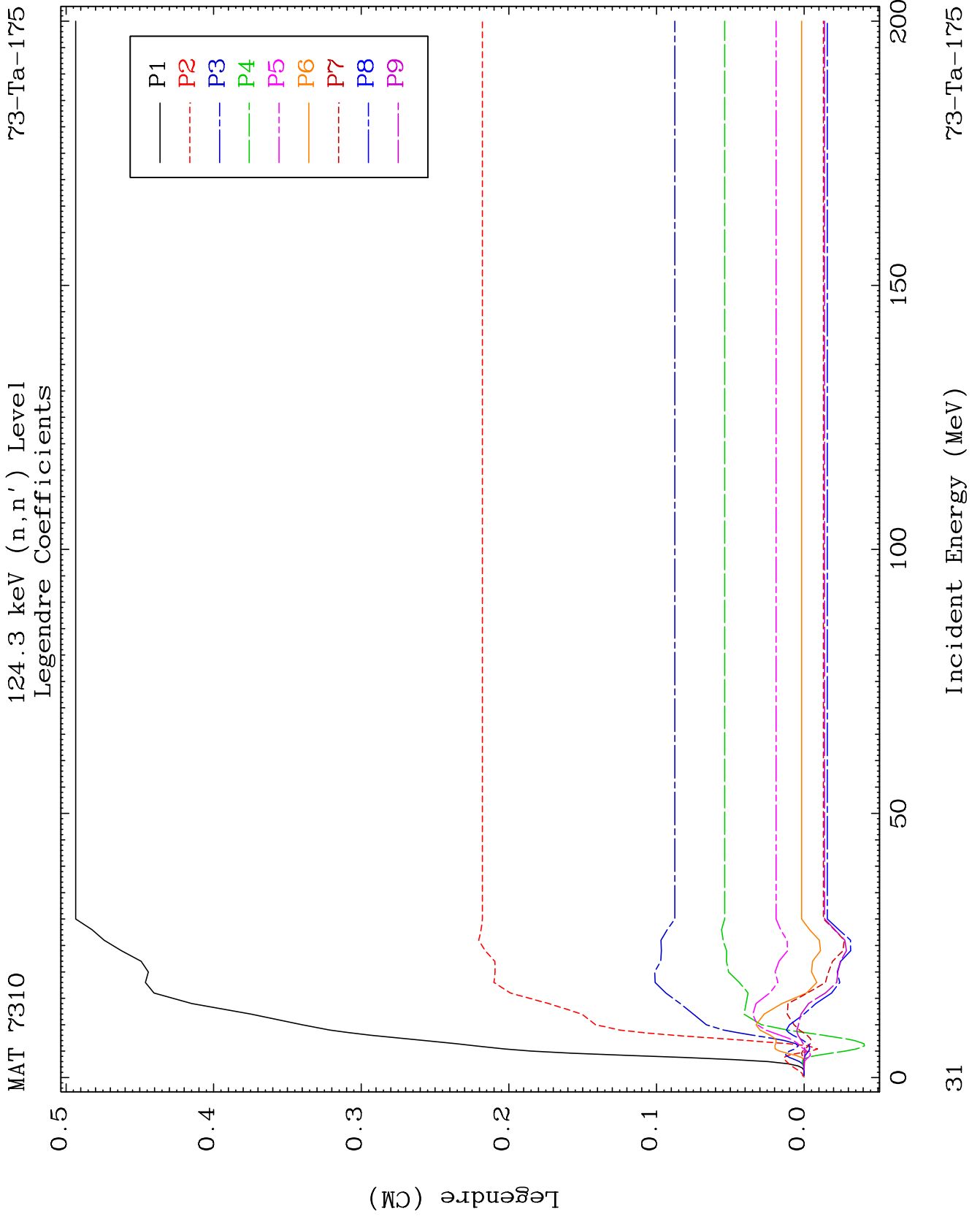


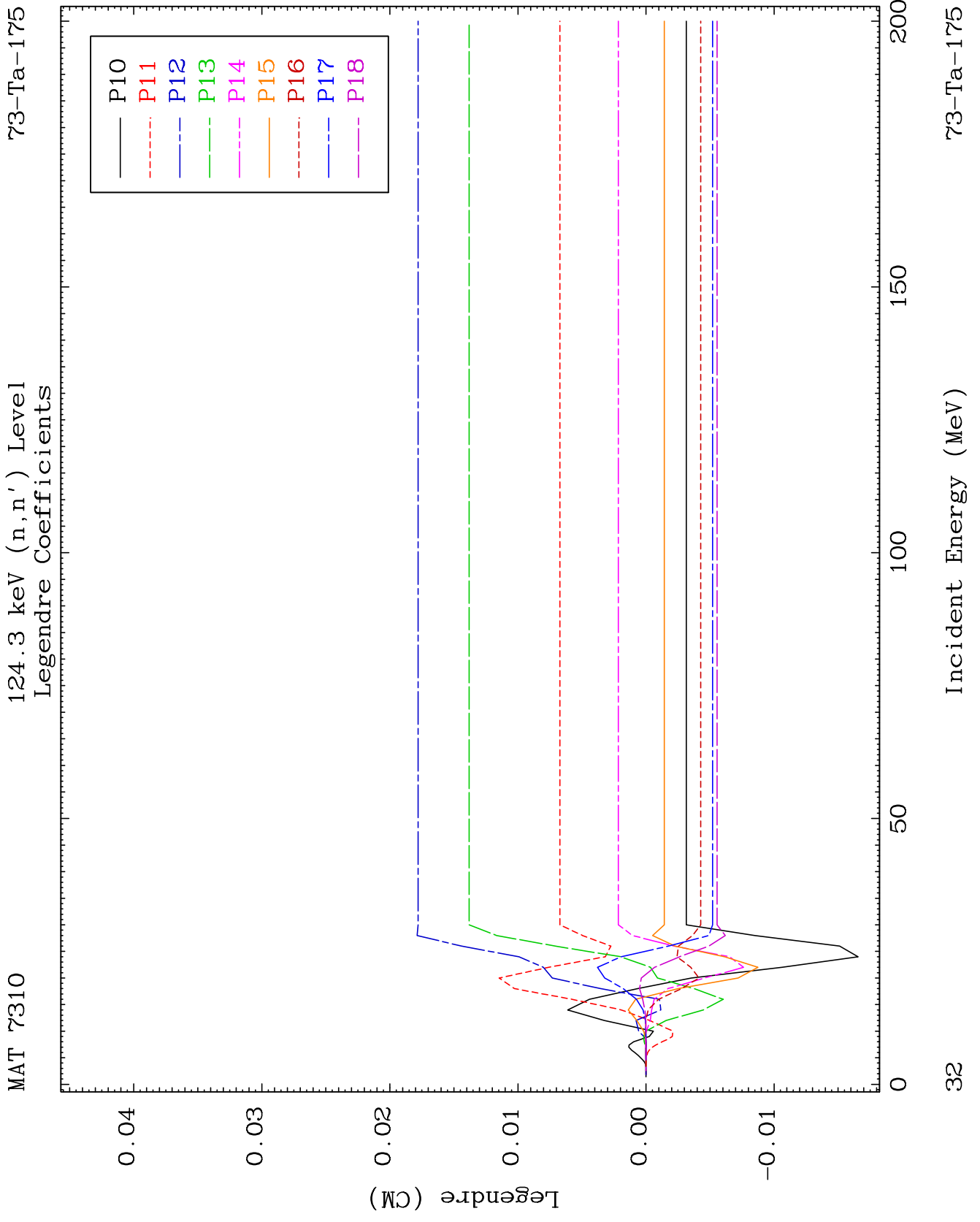
29

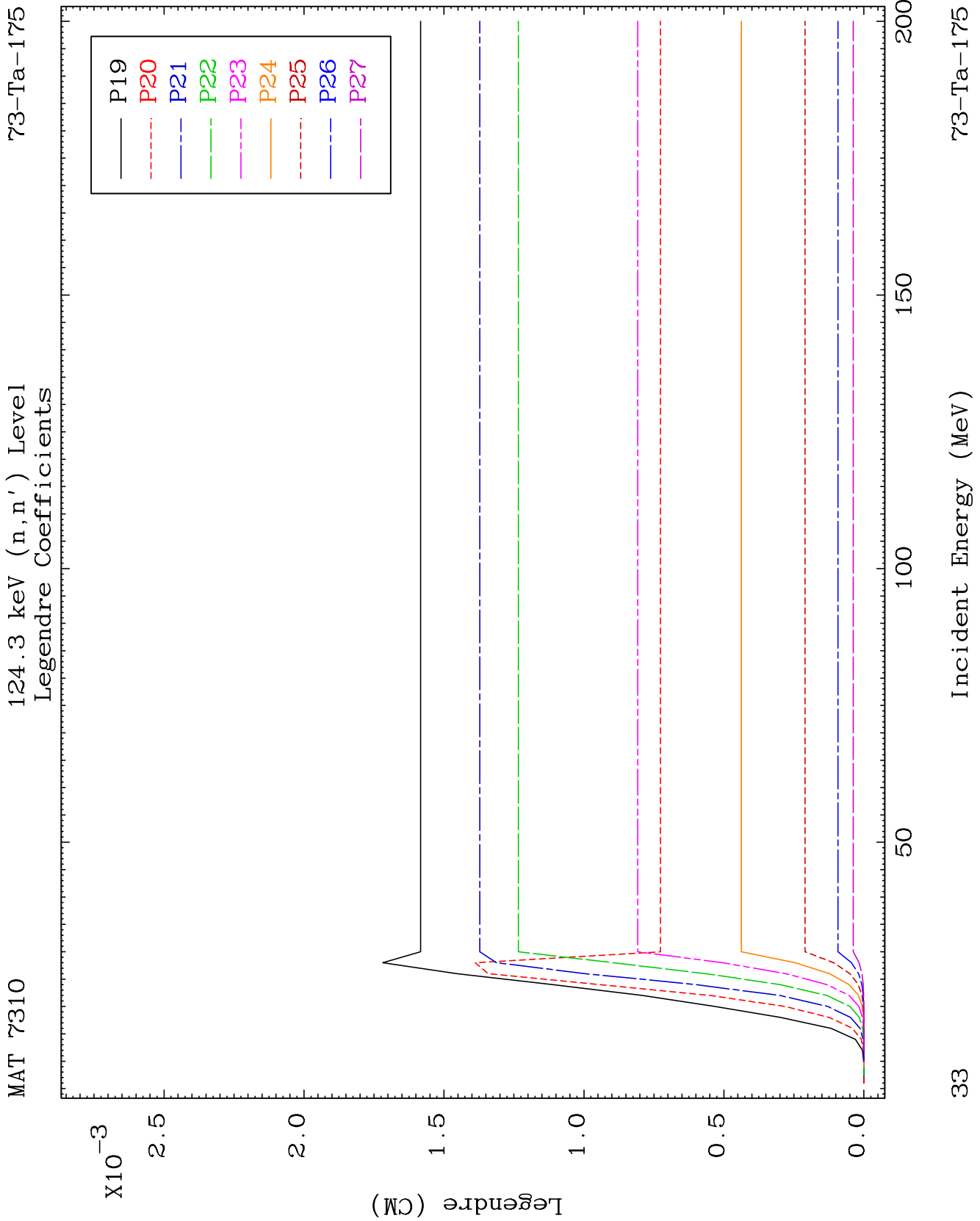
Incident Energy (MeV)

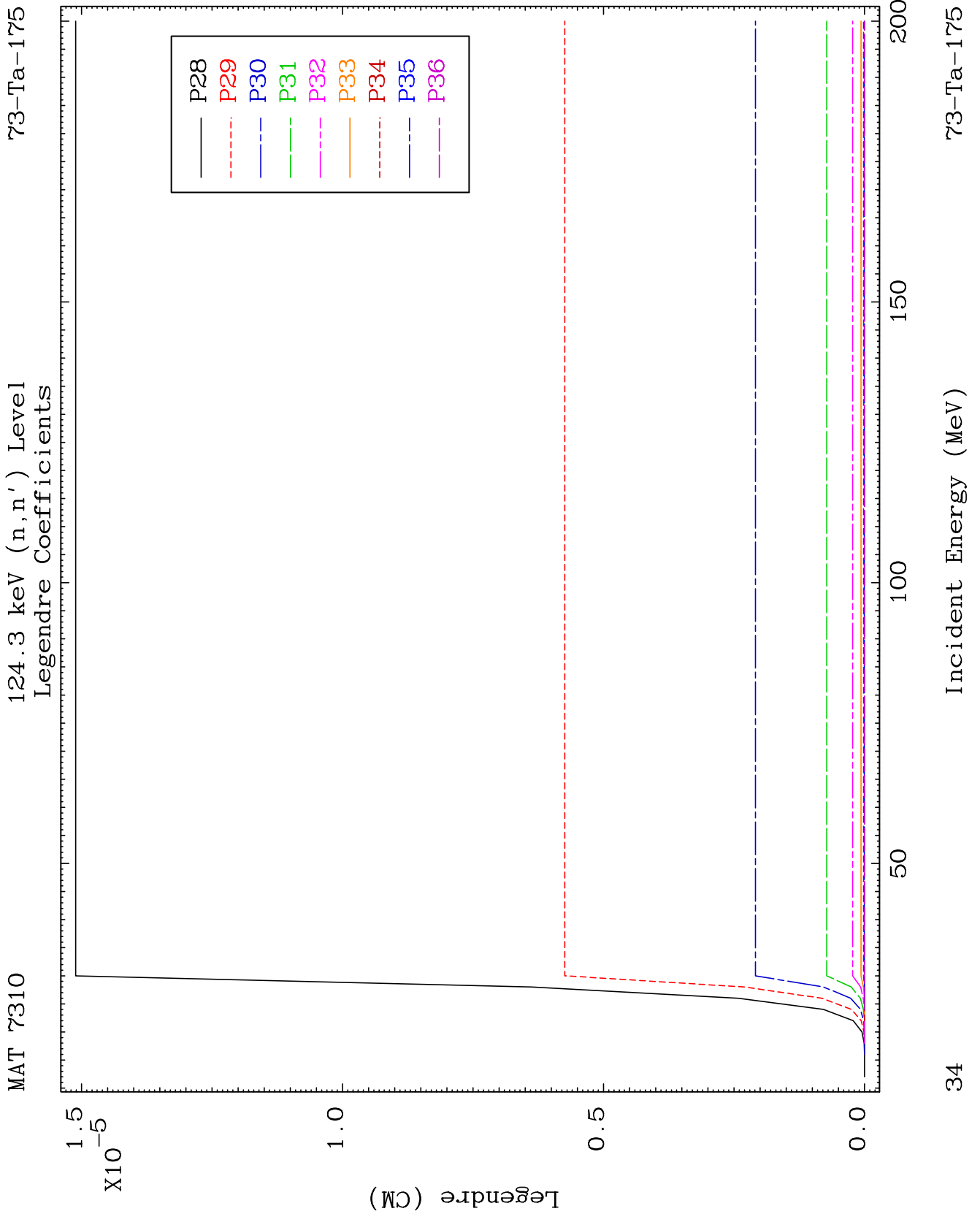
73-Ta-175

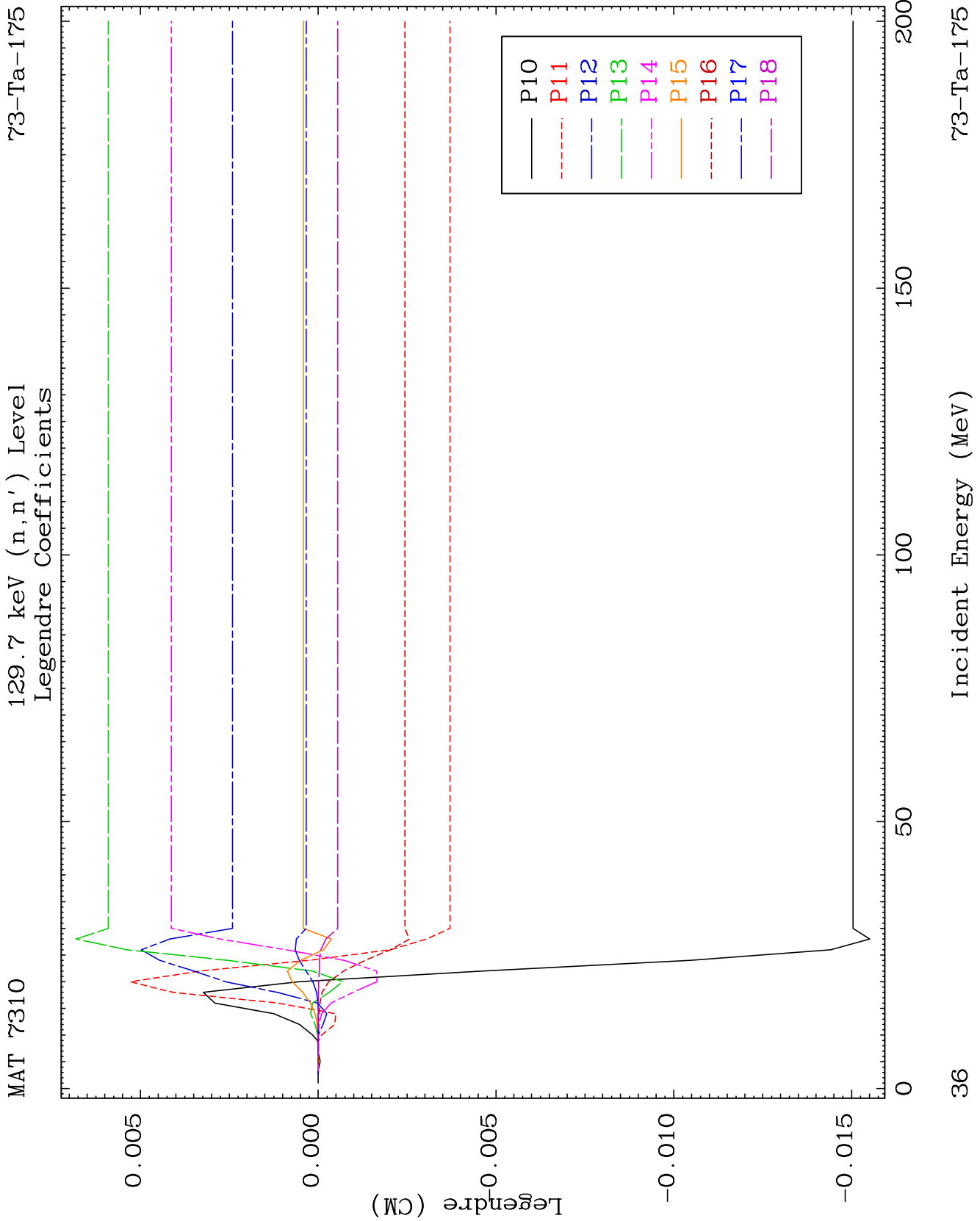


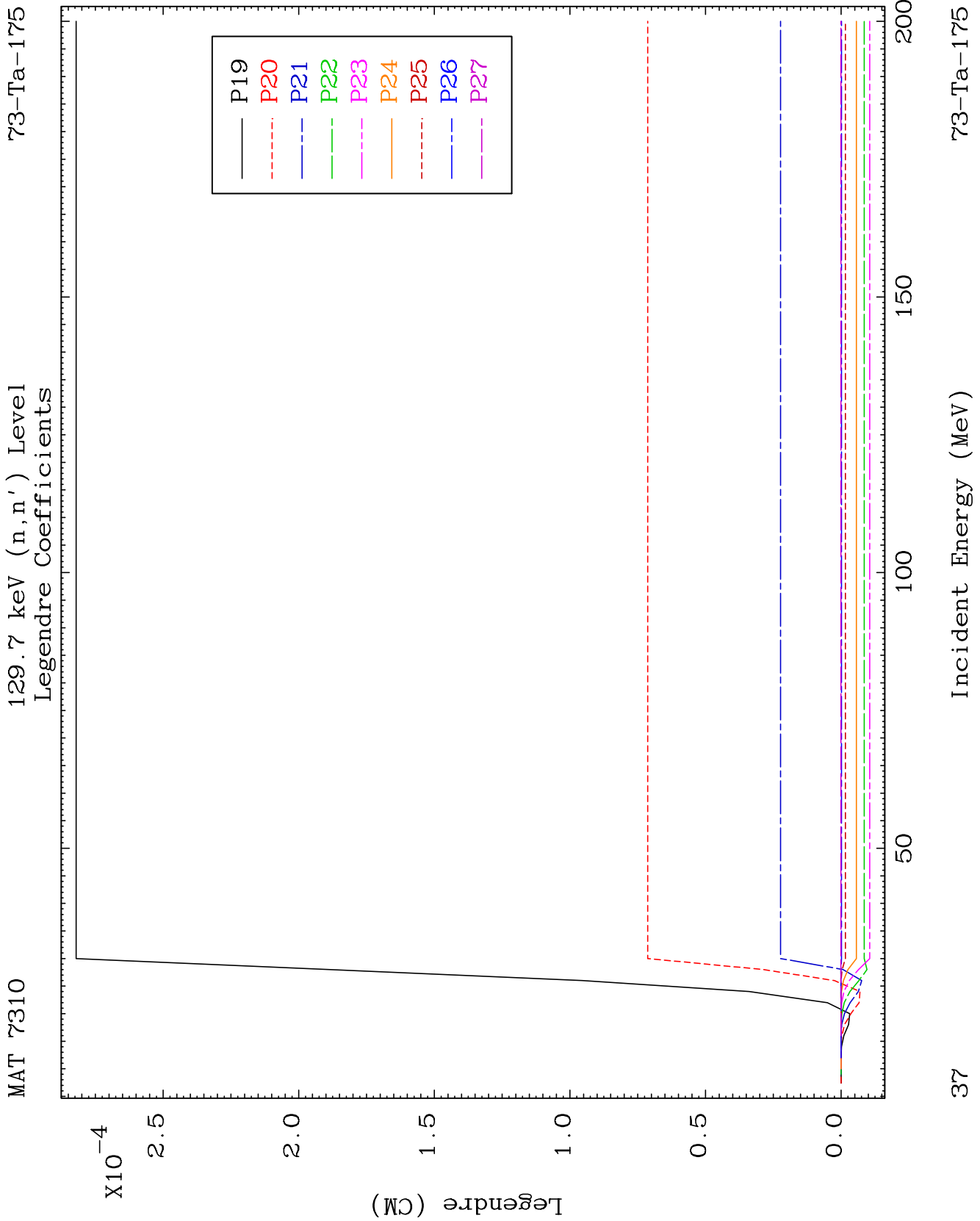


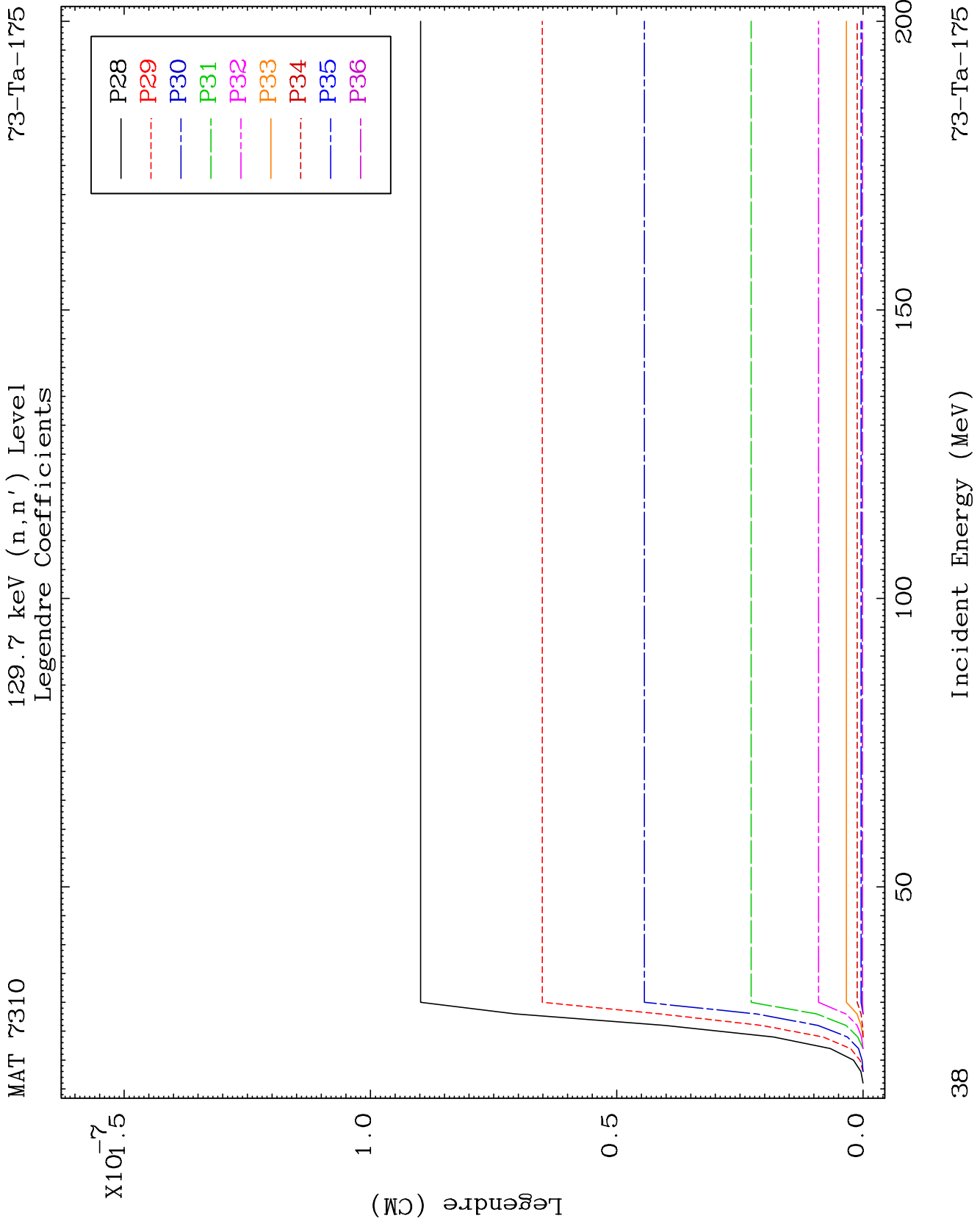


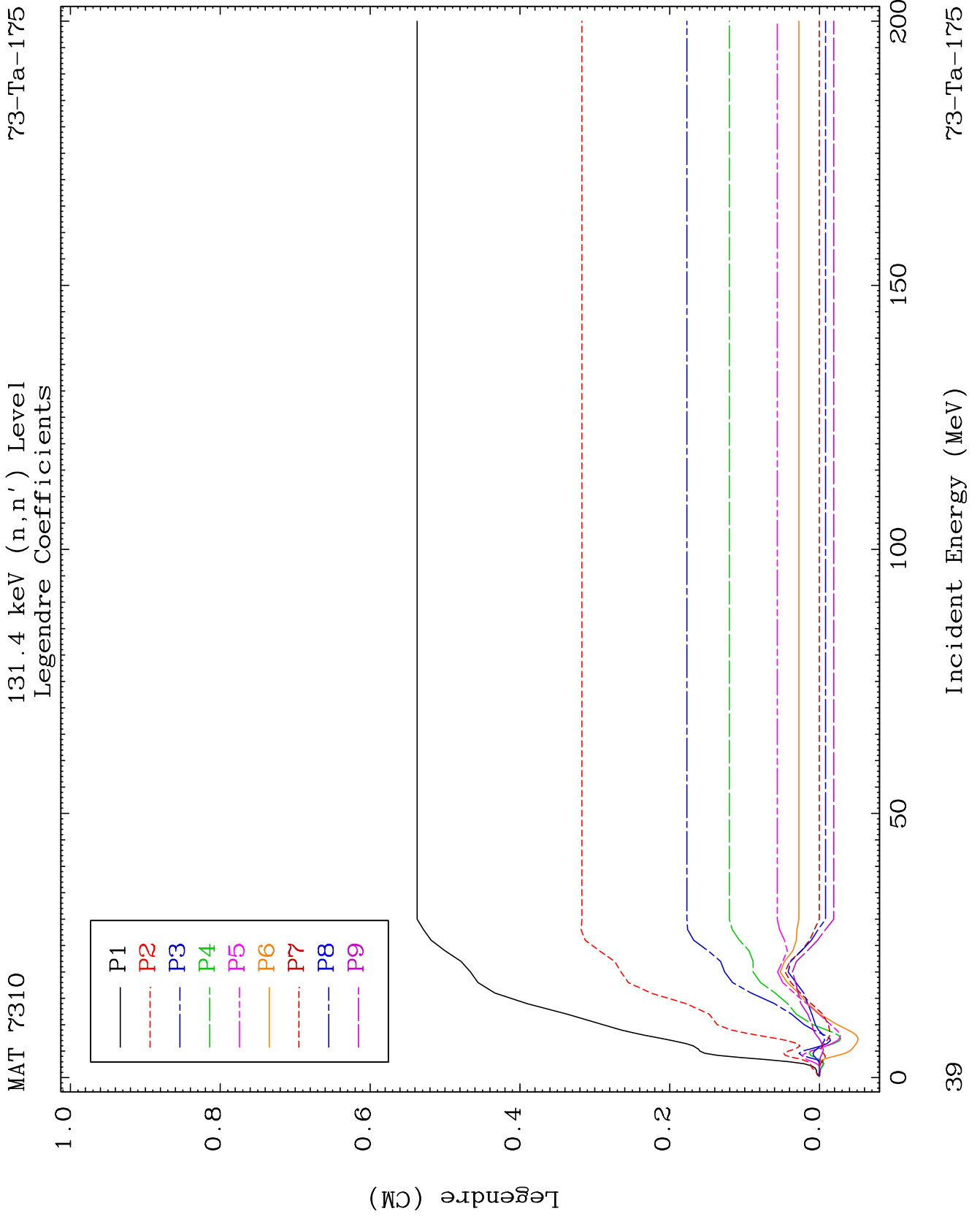


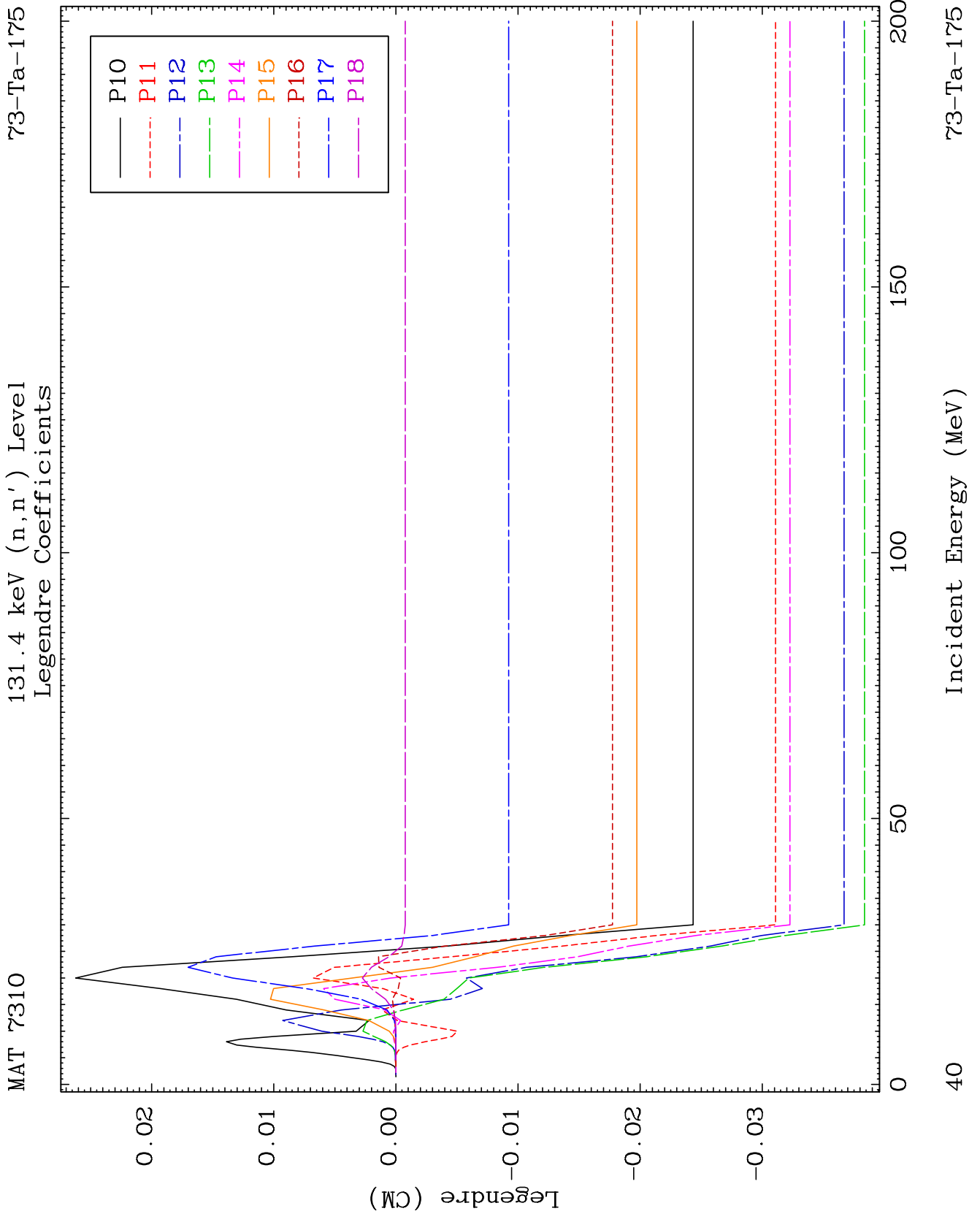


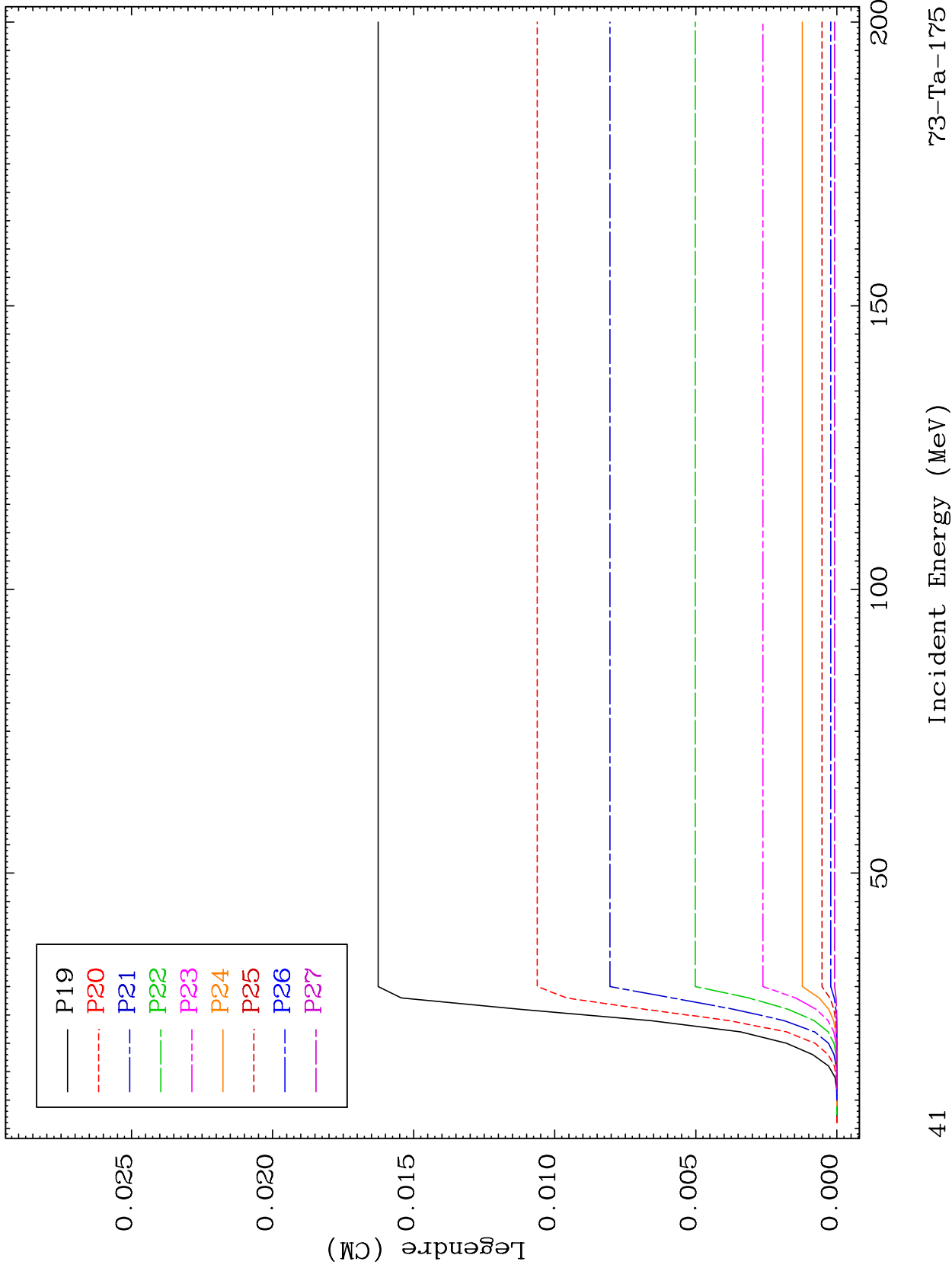


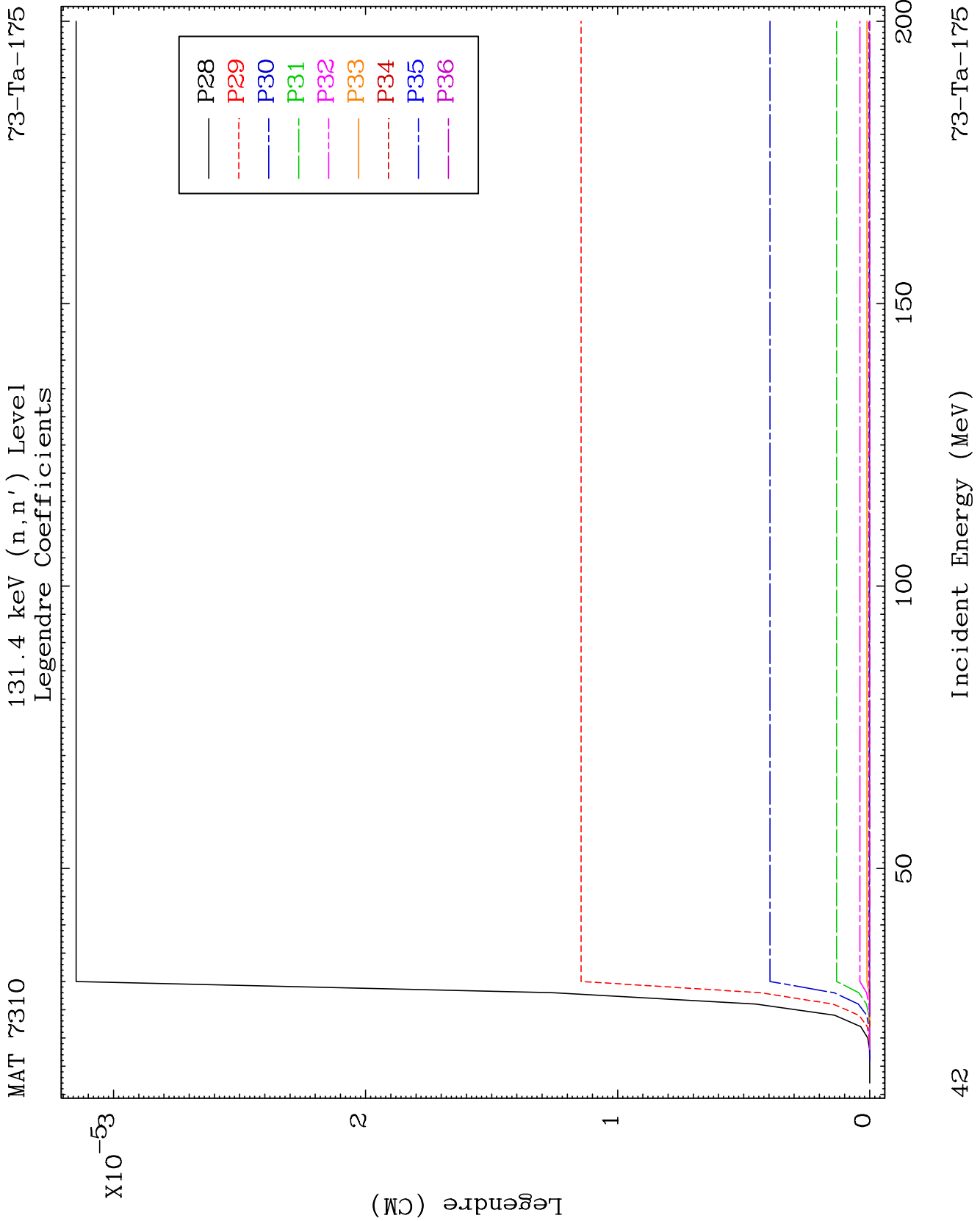


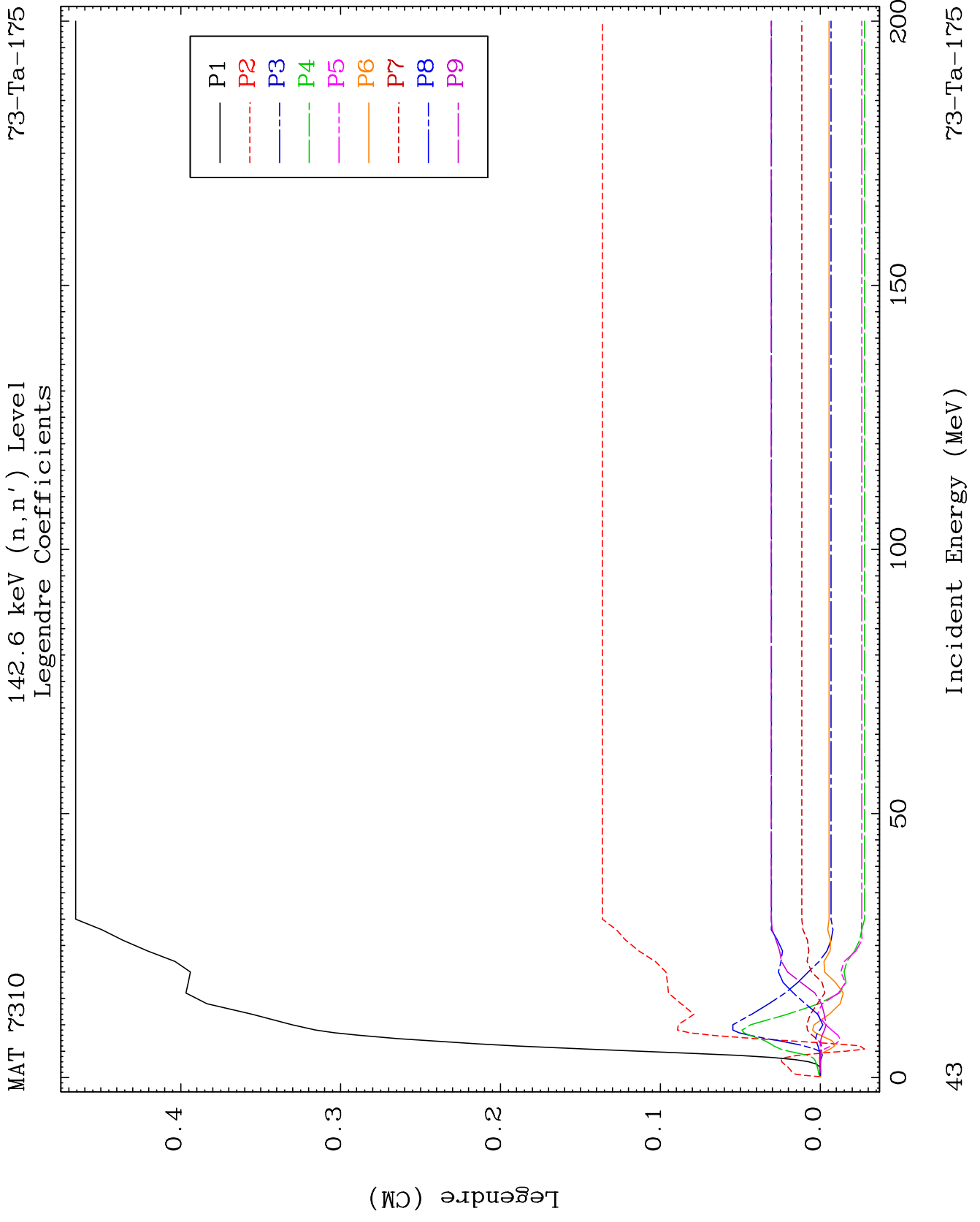


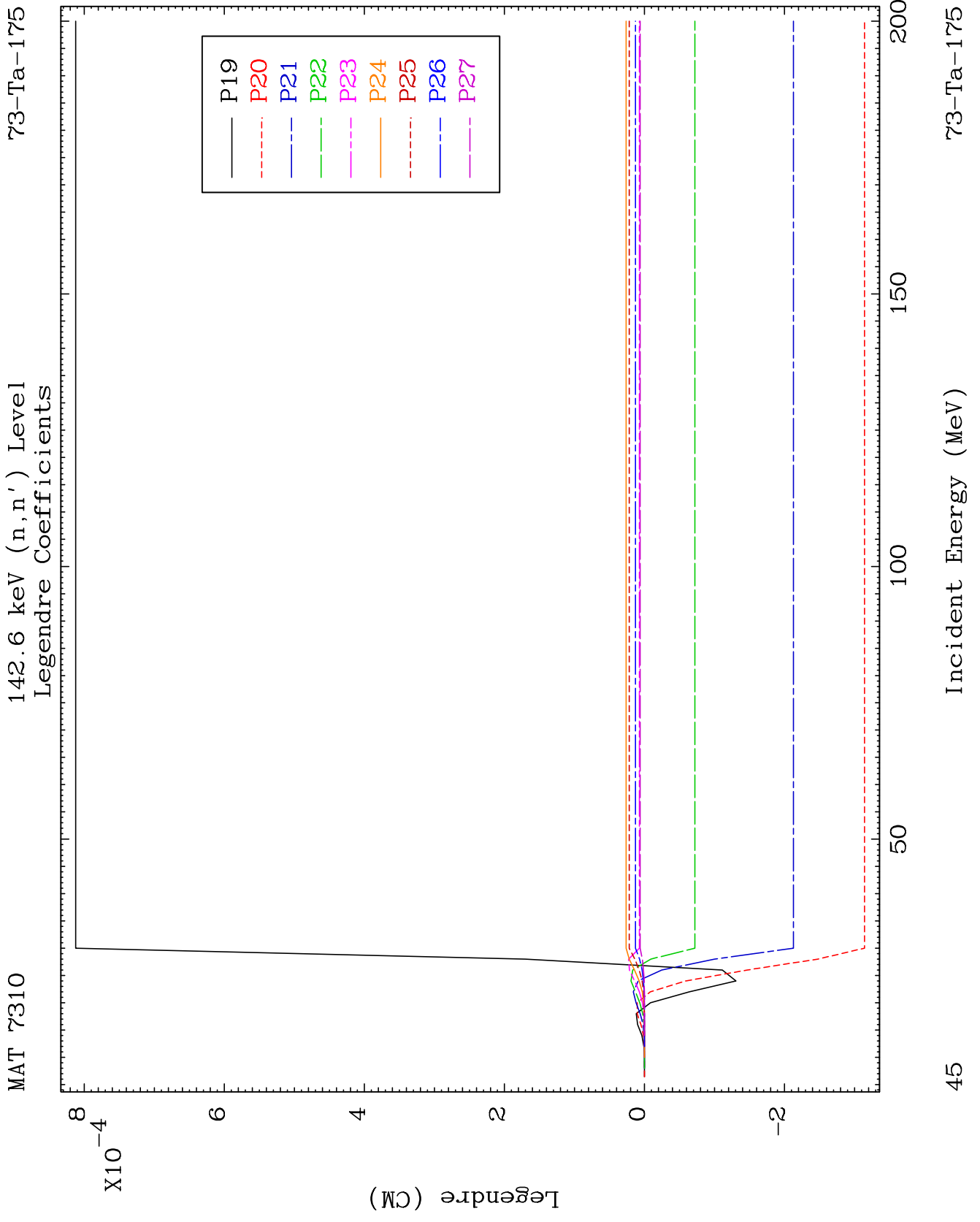


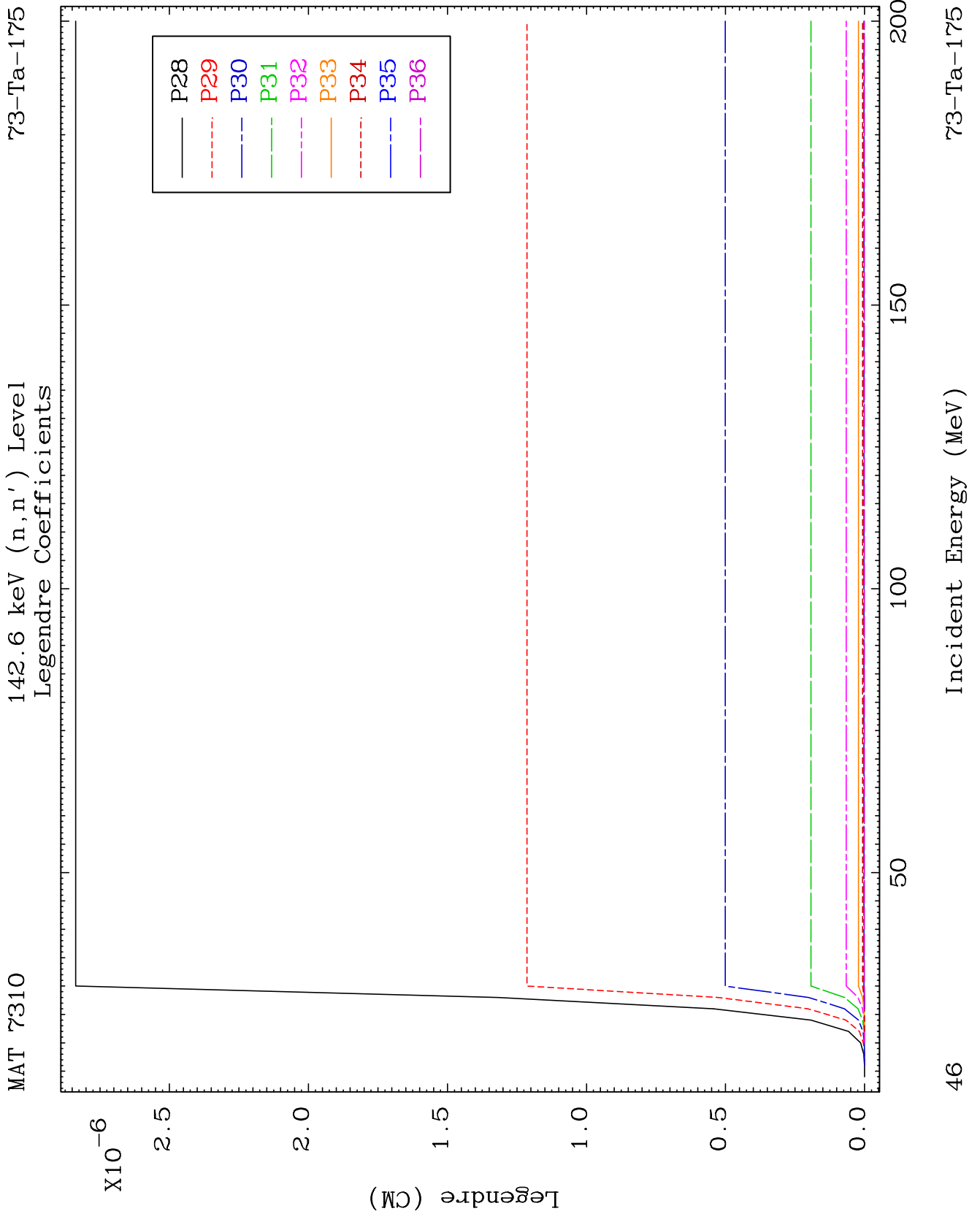


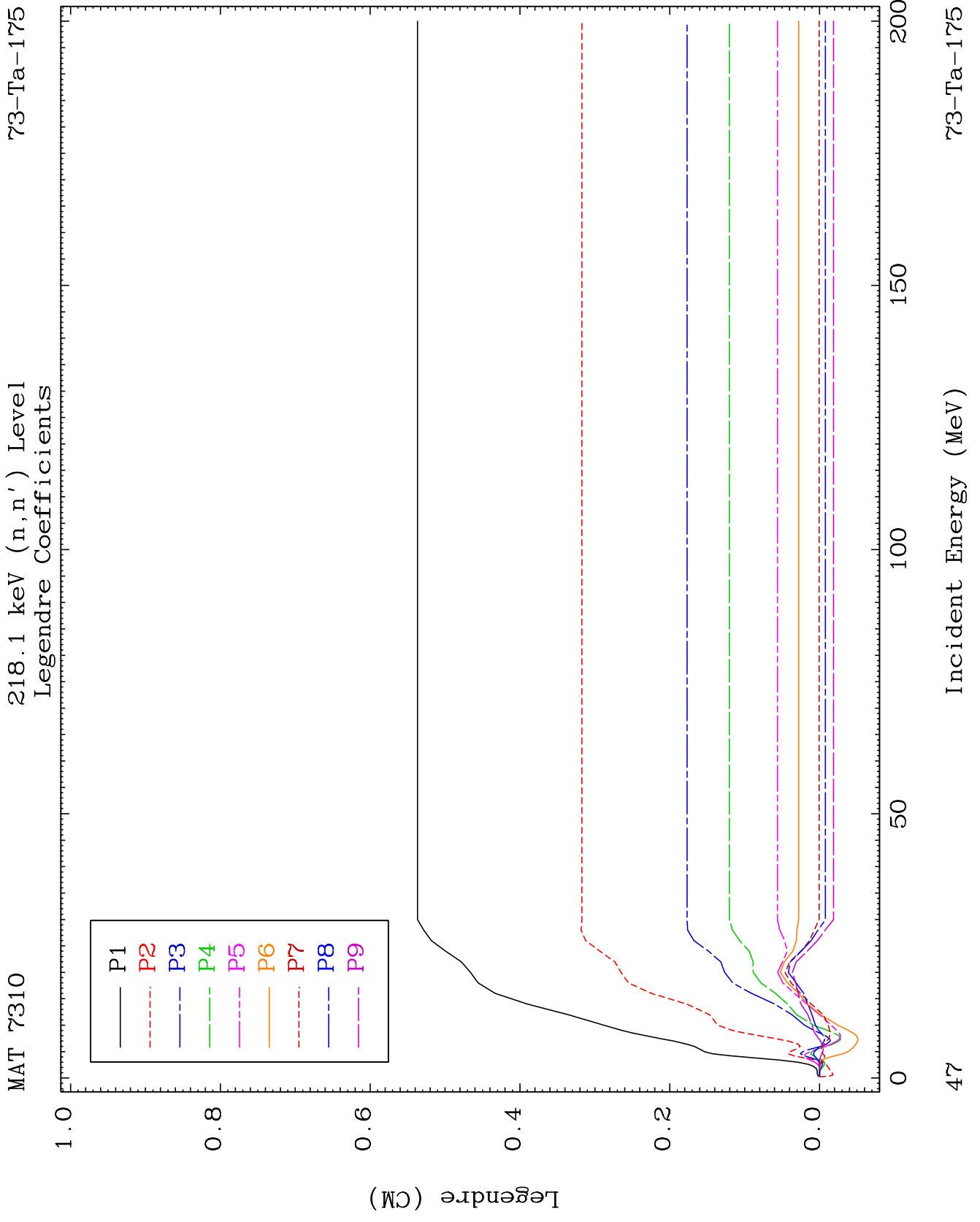


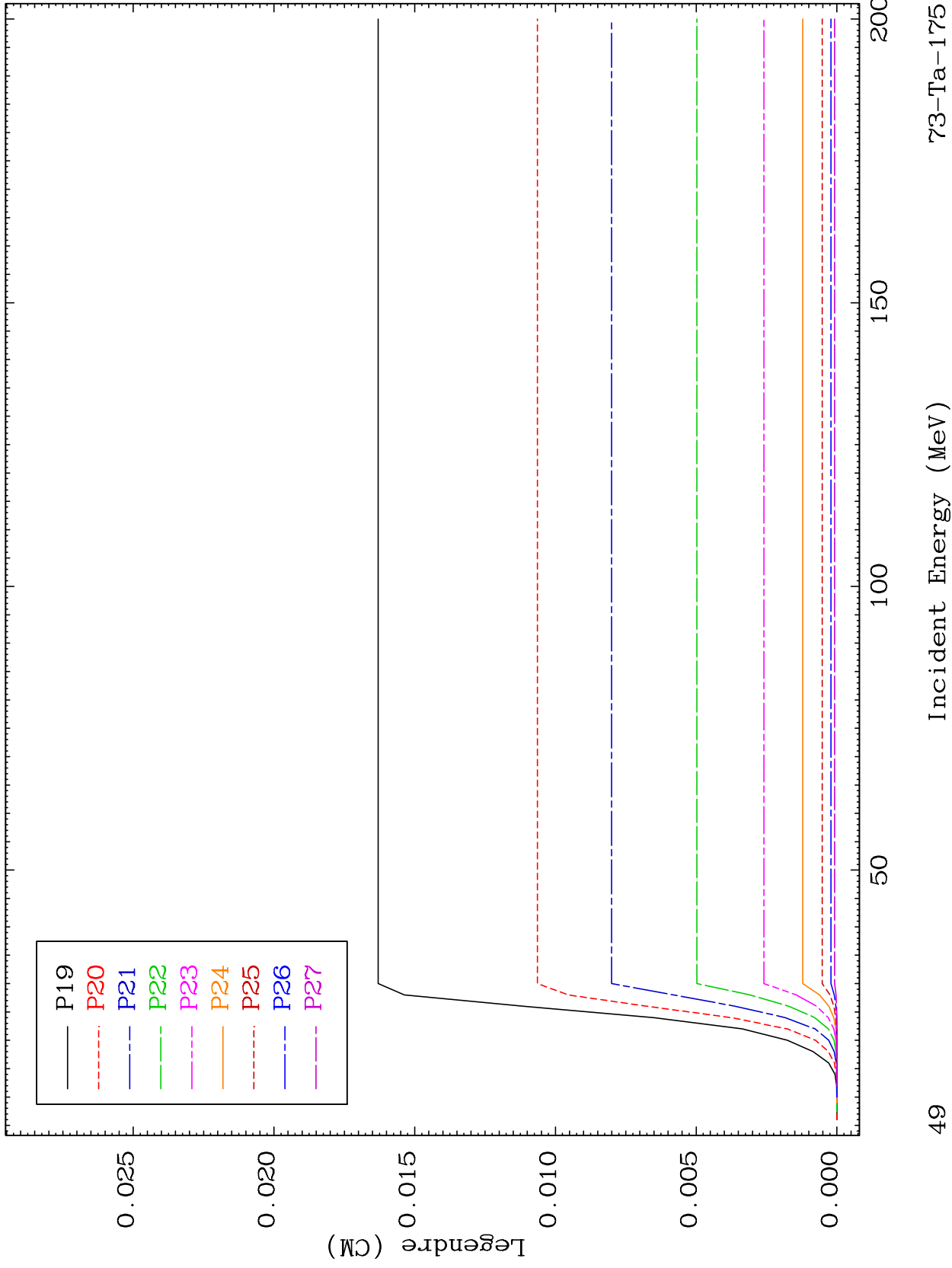


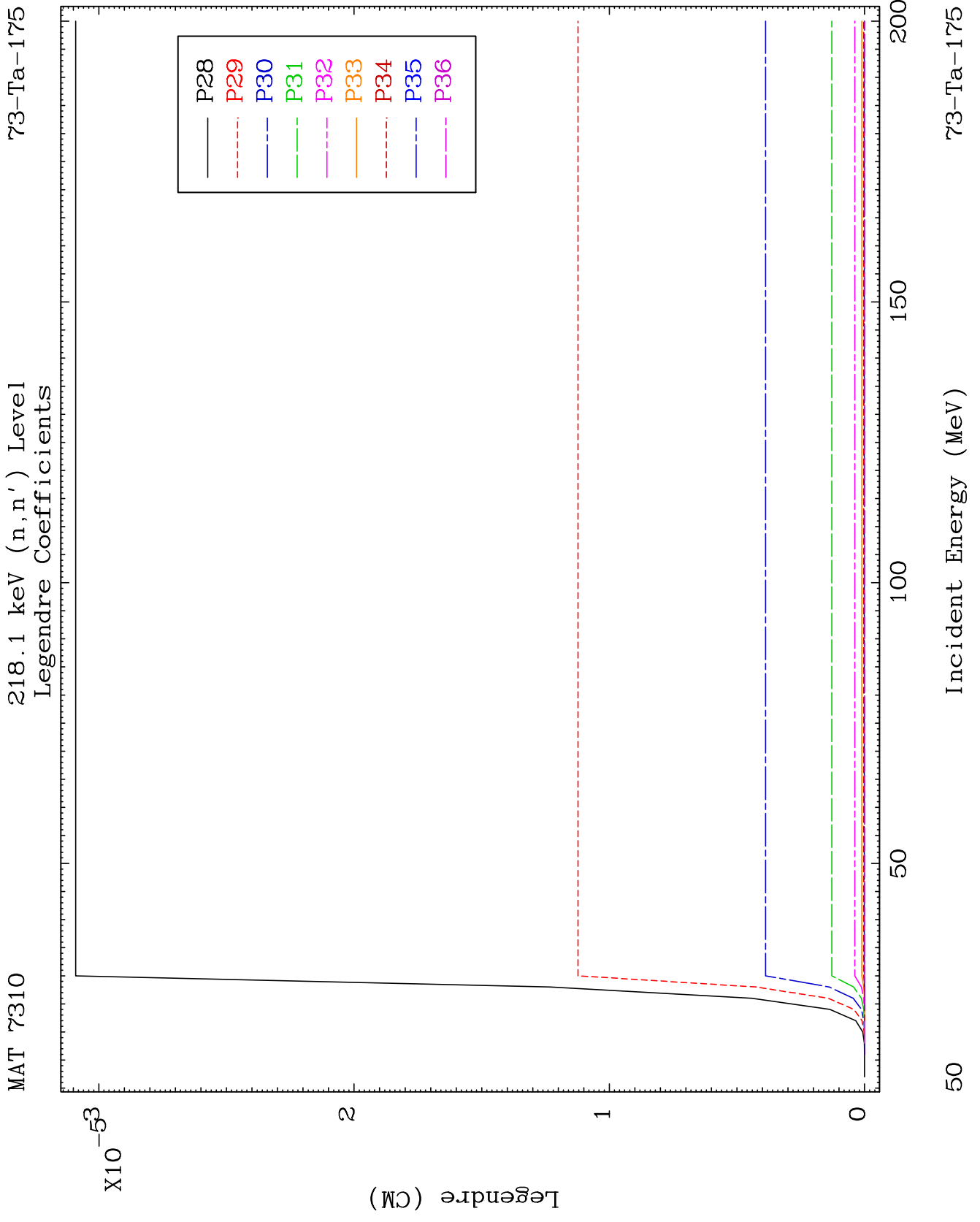


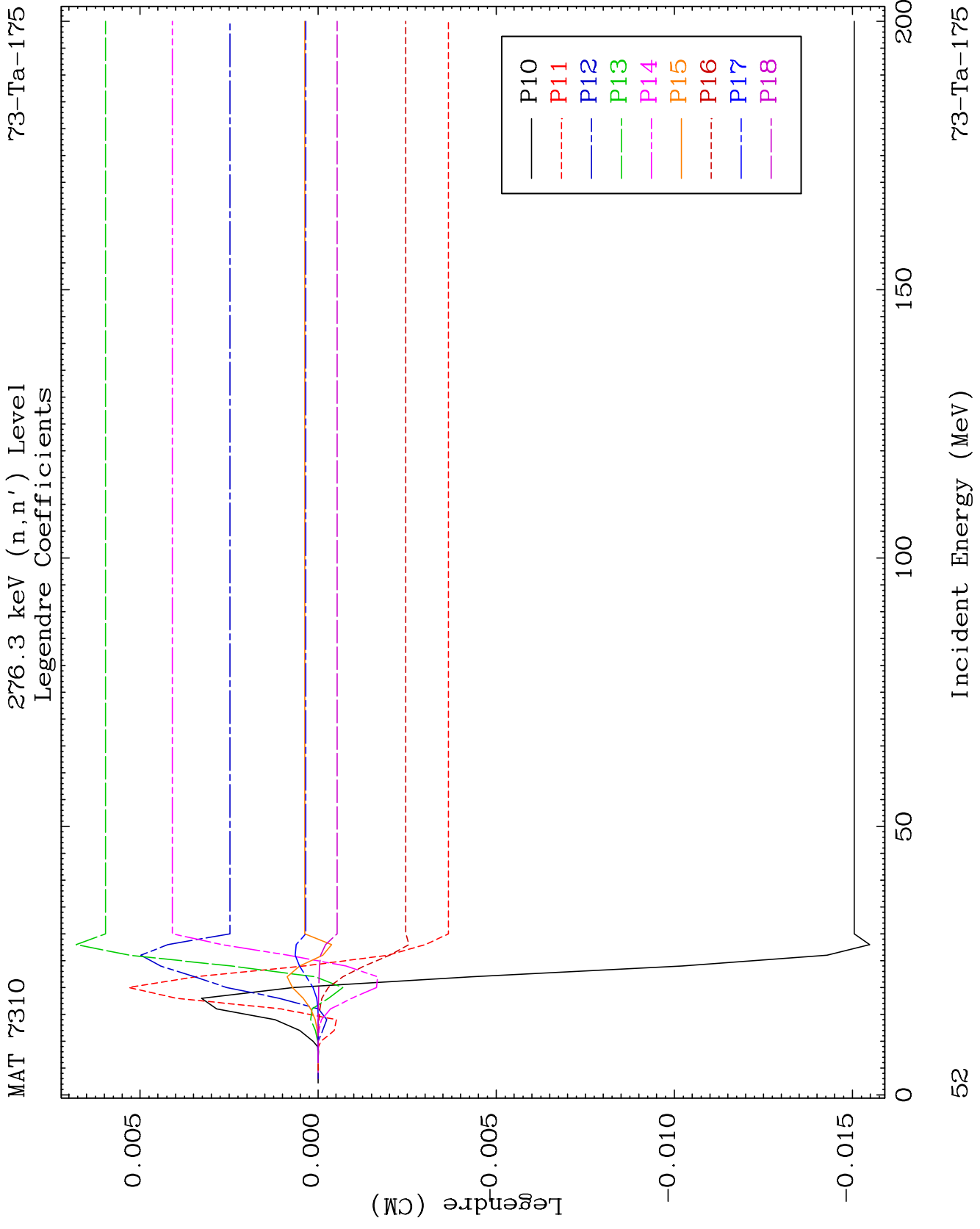


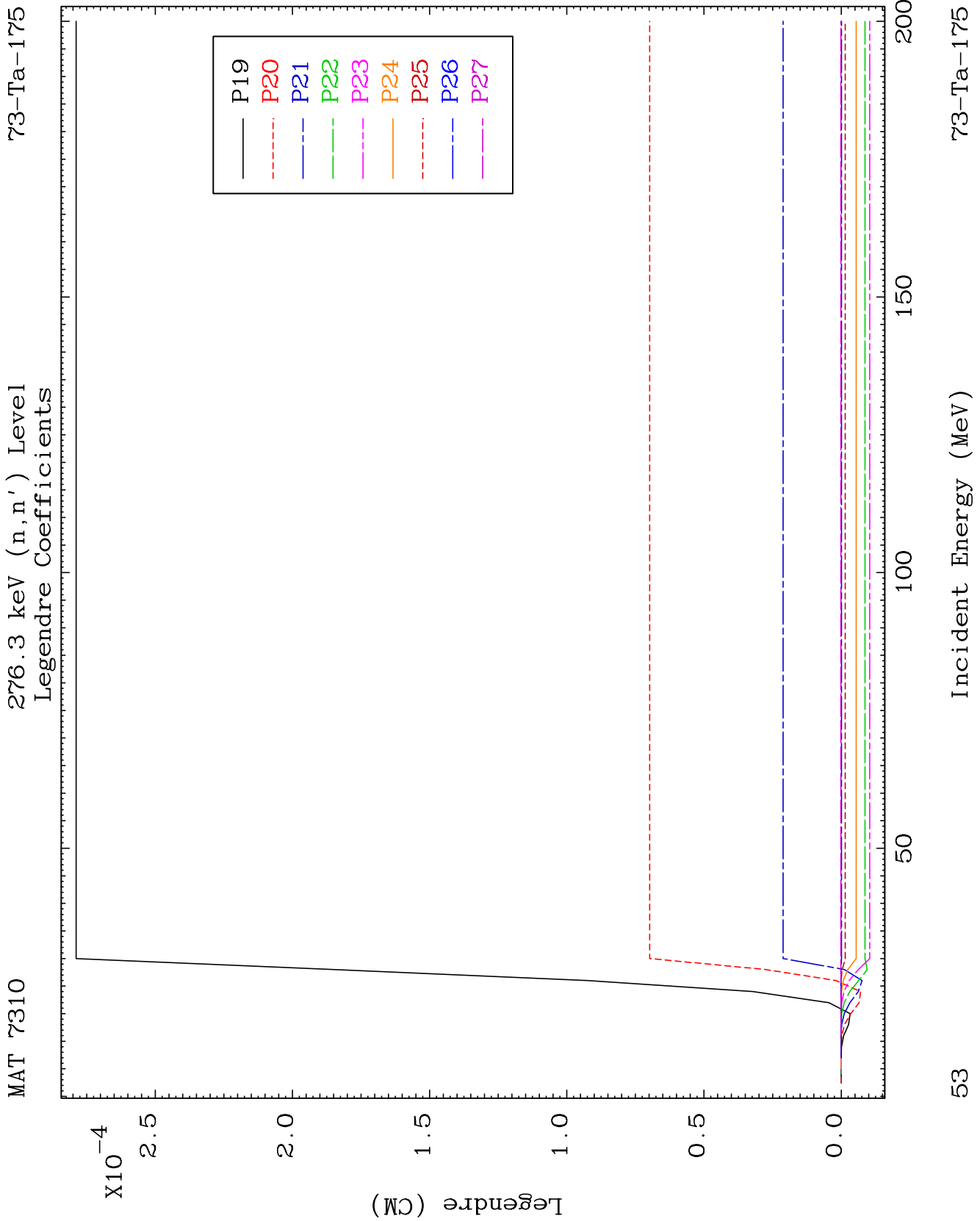








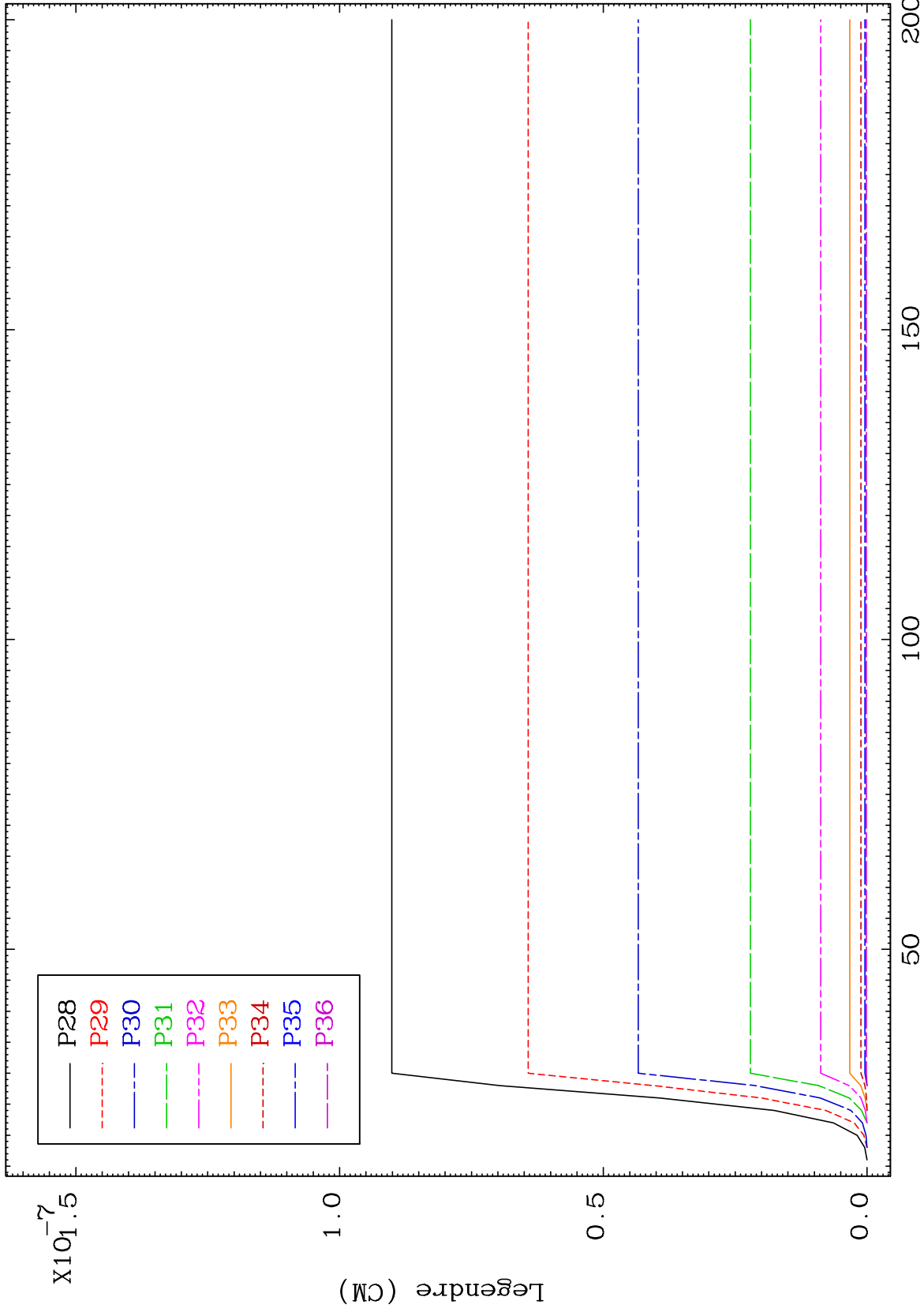
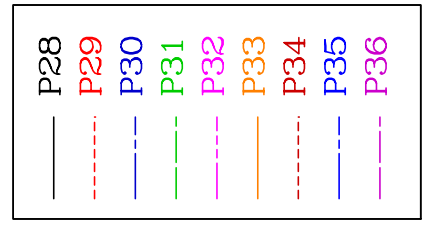




MAT 7310

276.3 keV (n,n') Level
Legendre Coefficients

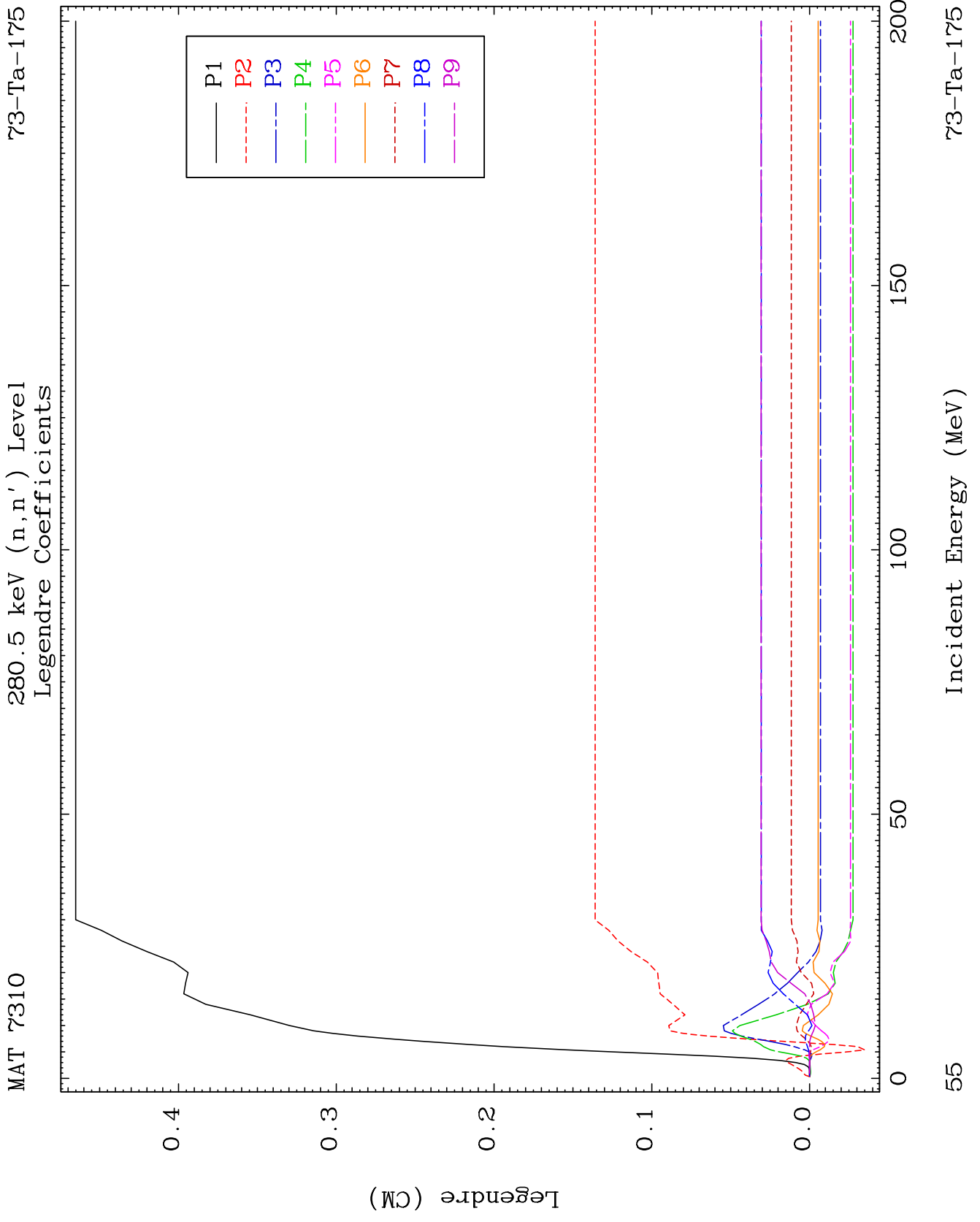
73-Ta-175

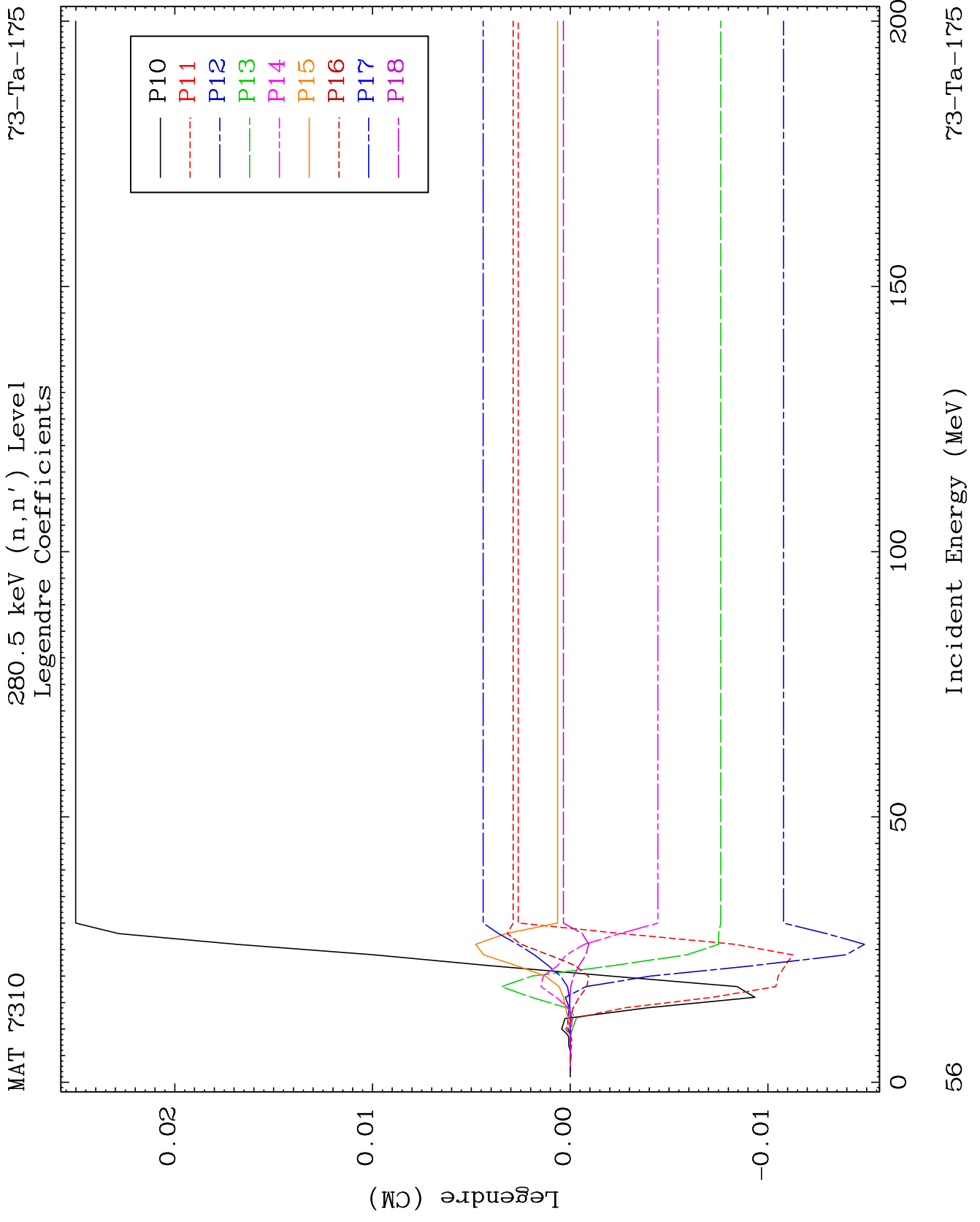


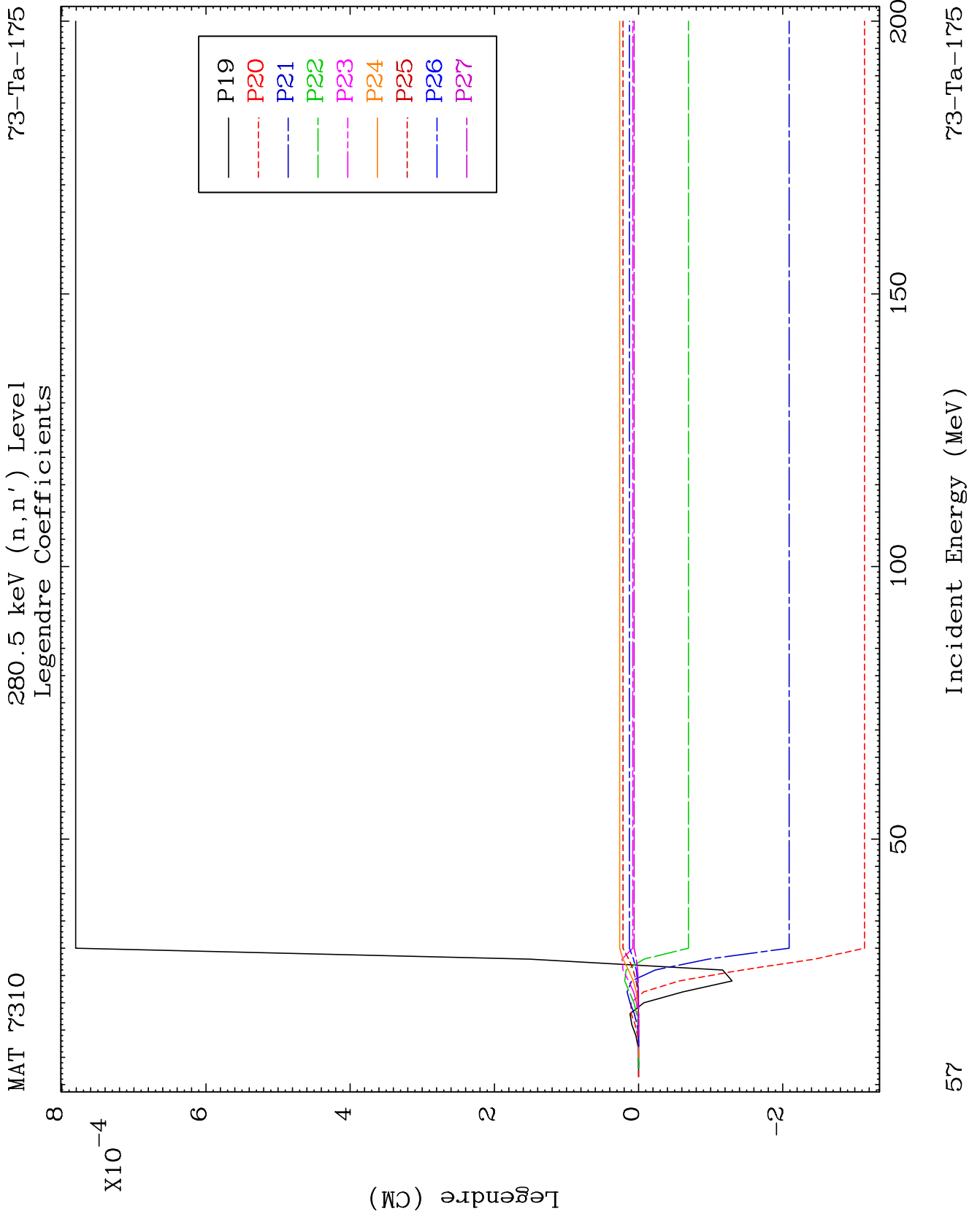
54

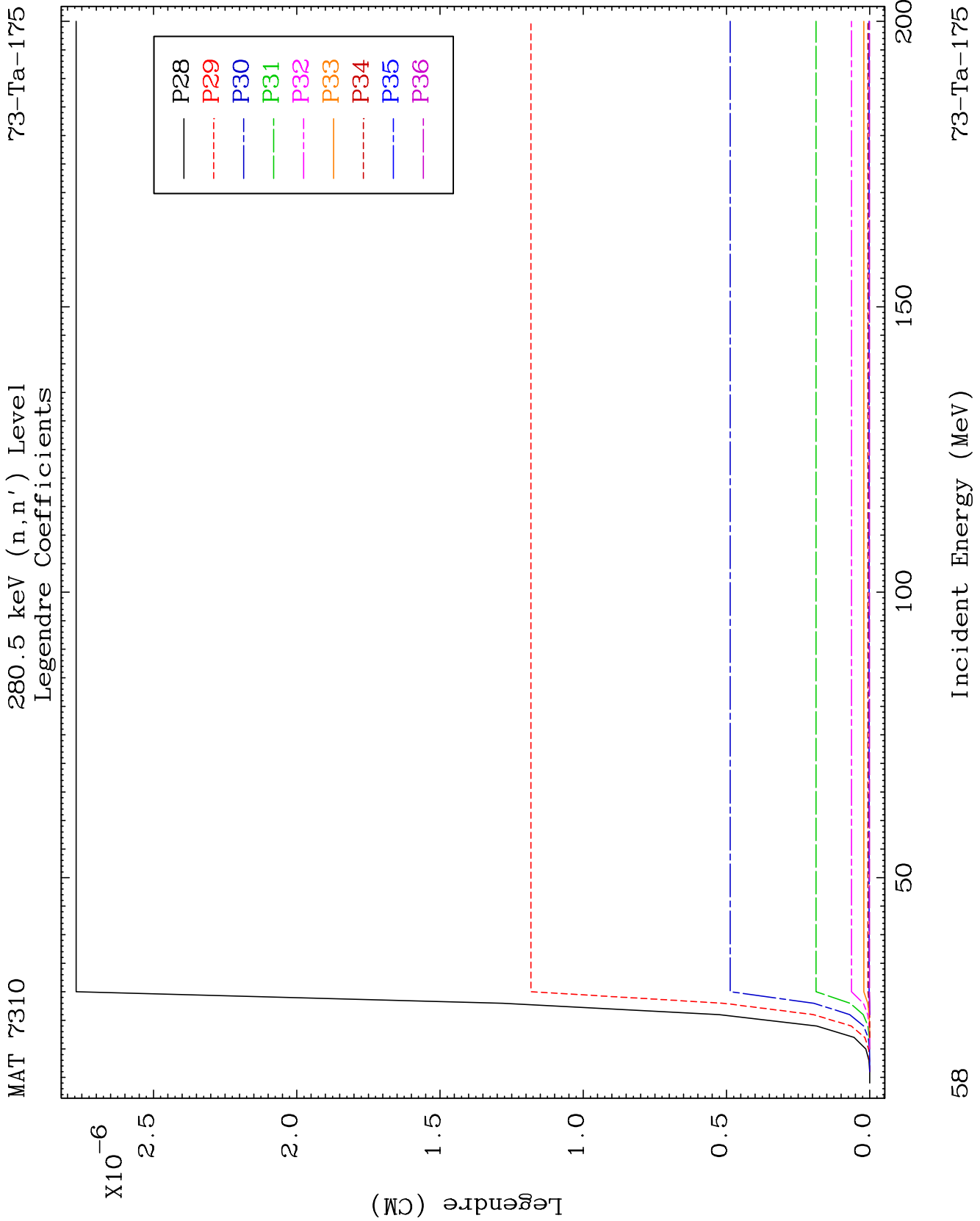
Incident Energy (MeV)

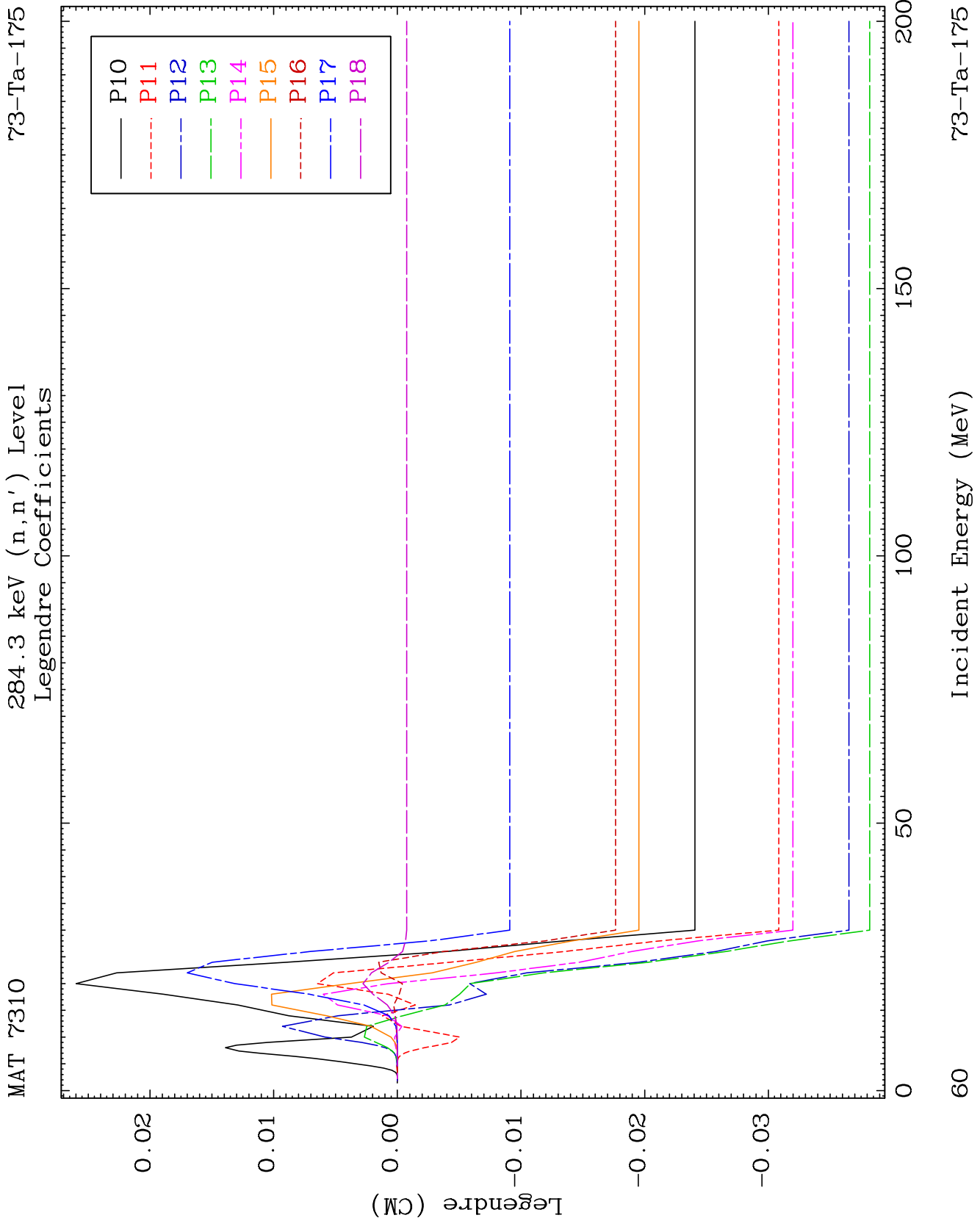
73-Ta-175







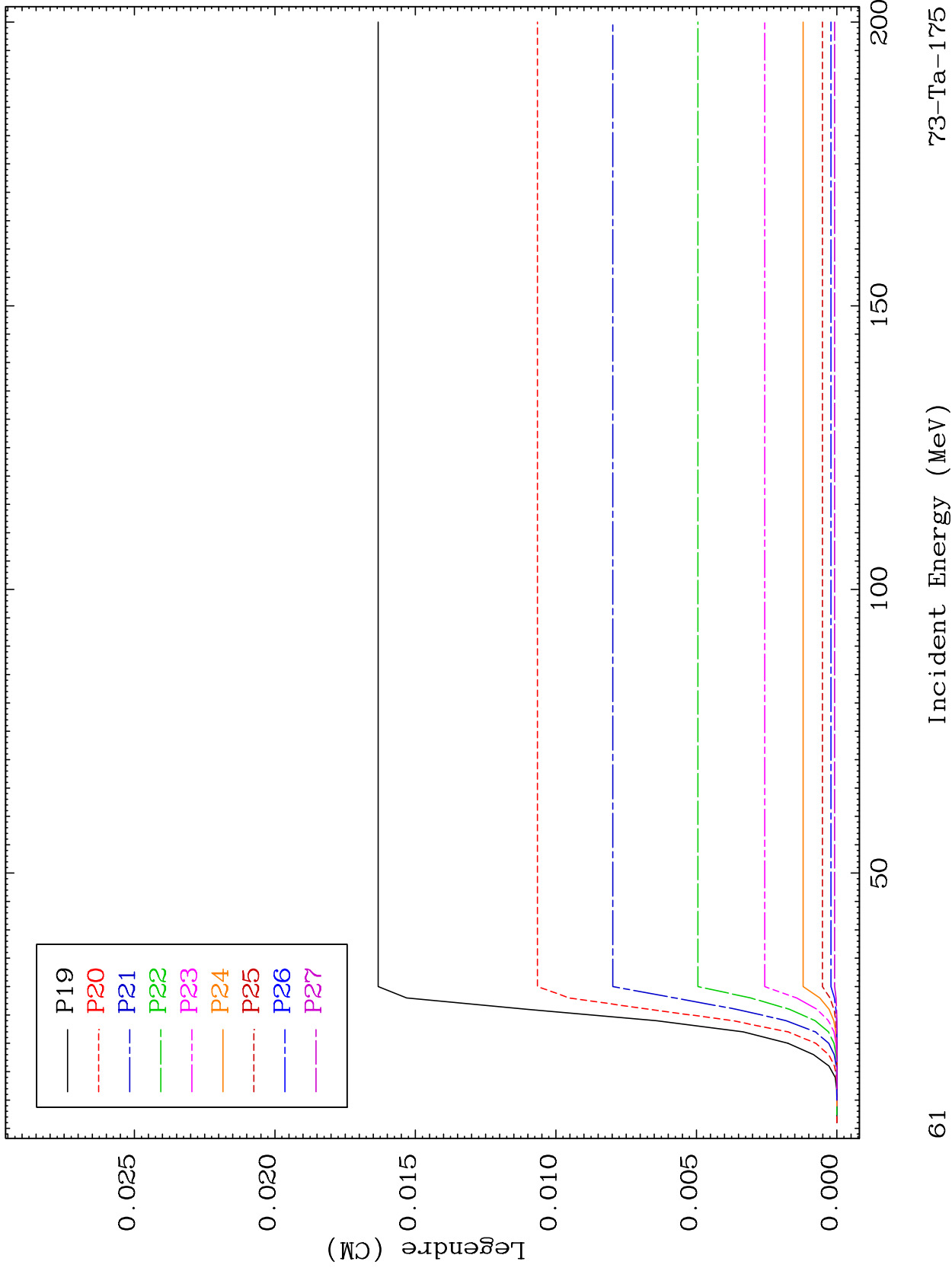


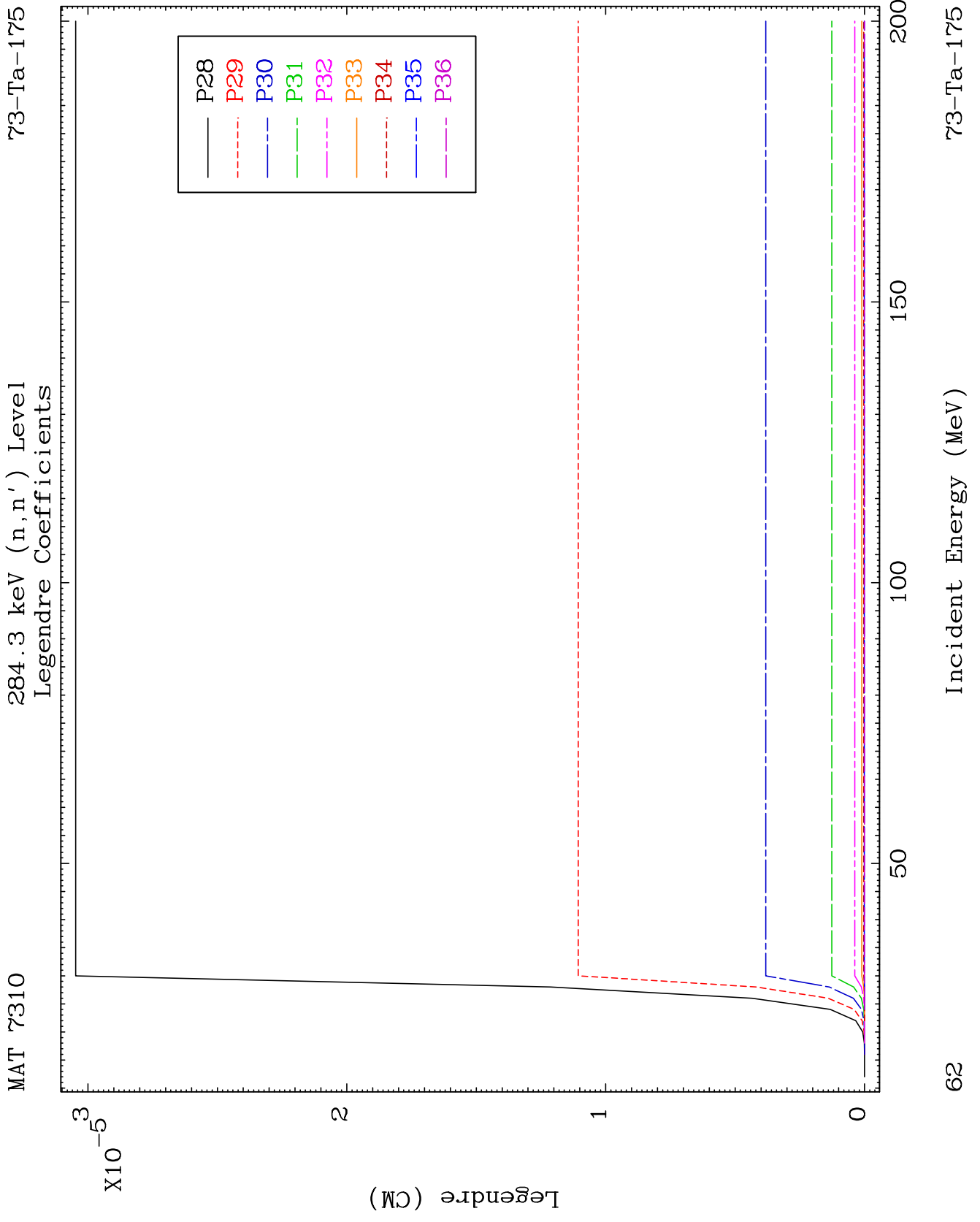


MAT 7310

284.3 keV (n, n') Level
Legendre Coefficients

73-Ta-175

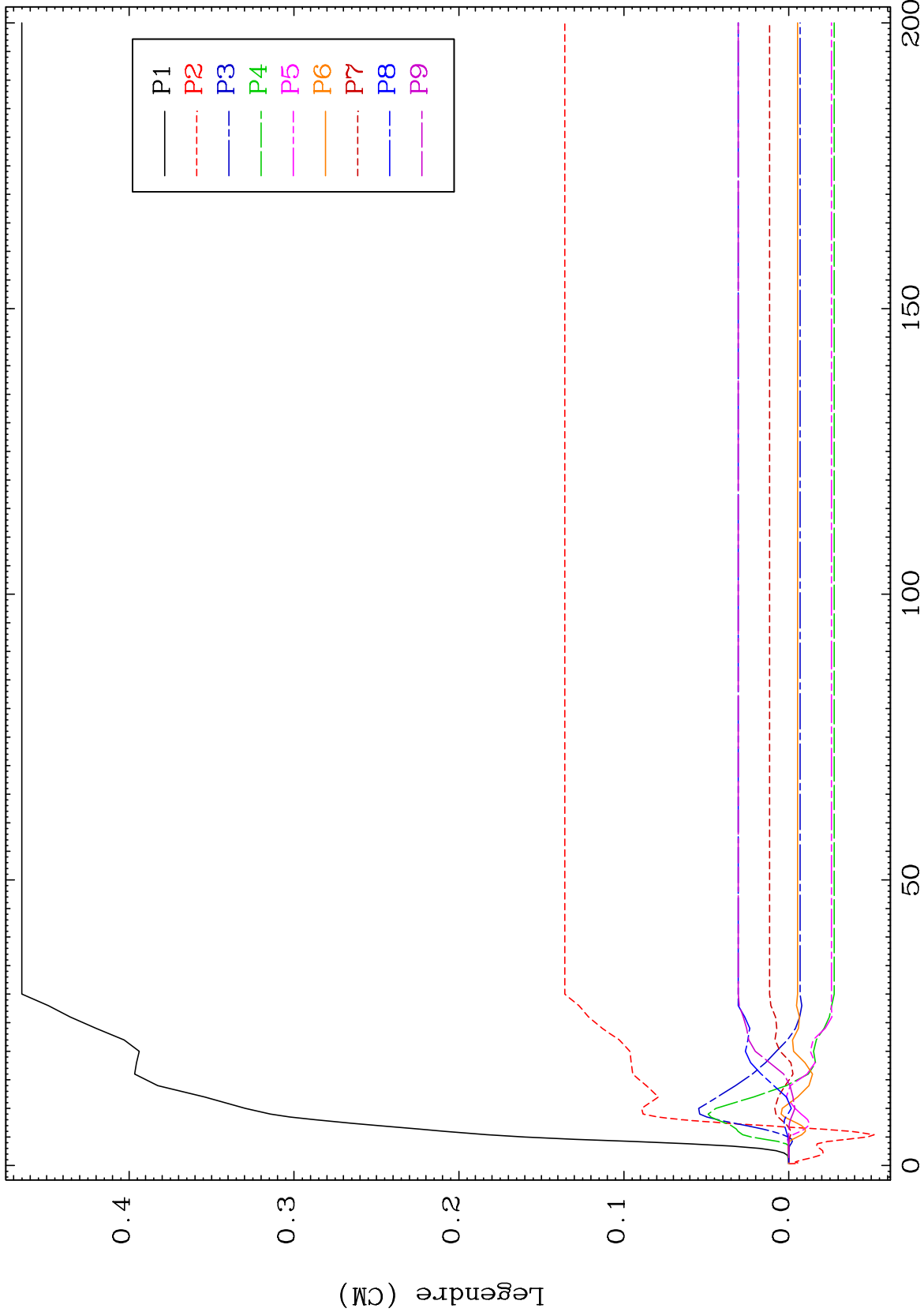




MAT 7310

296.8 keV (n,n') Level
Legendre Coefficients

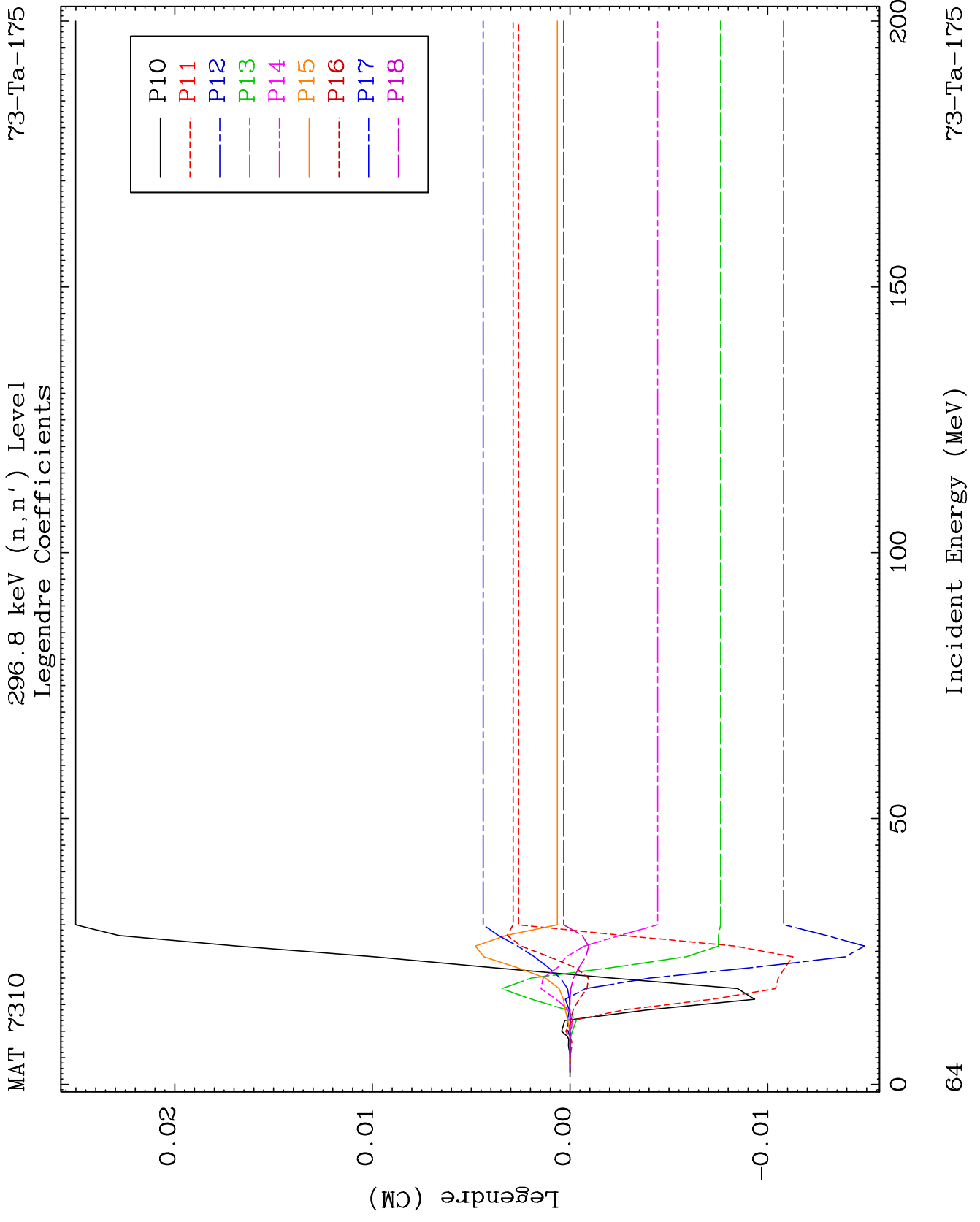
73-Ta-175



63

Incident Energy (MeV)

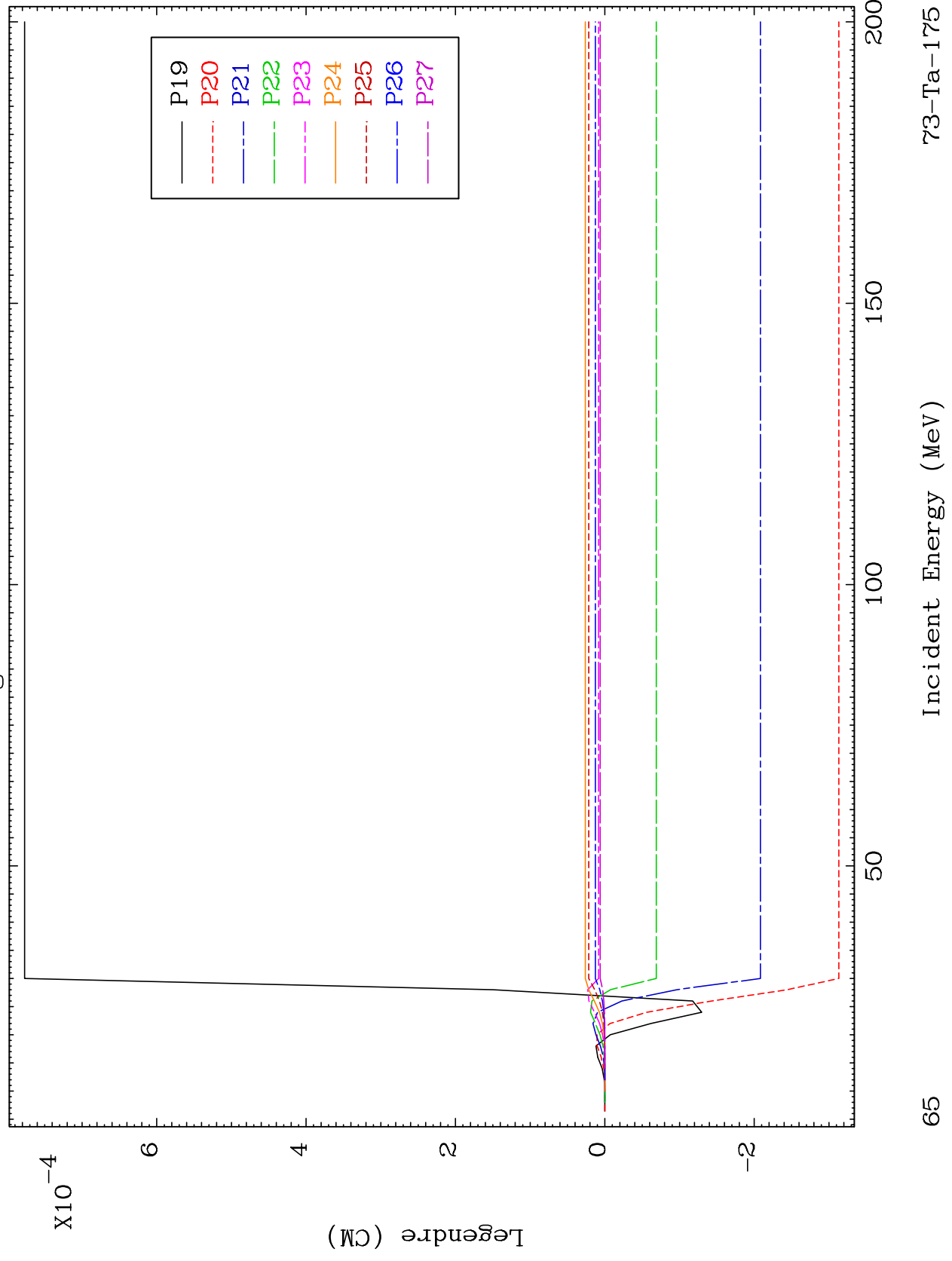
73-Ta-175



MAT 7310

296.8 keV (n,n') Level
Legendre Coefficients

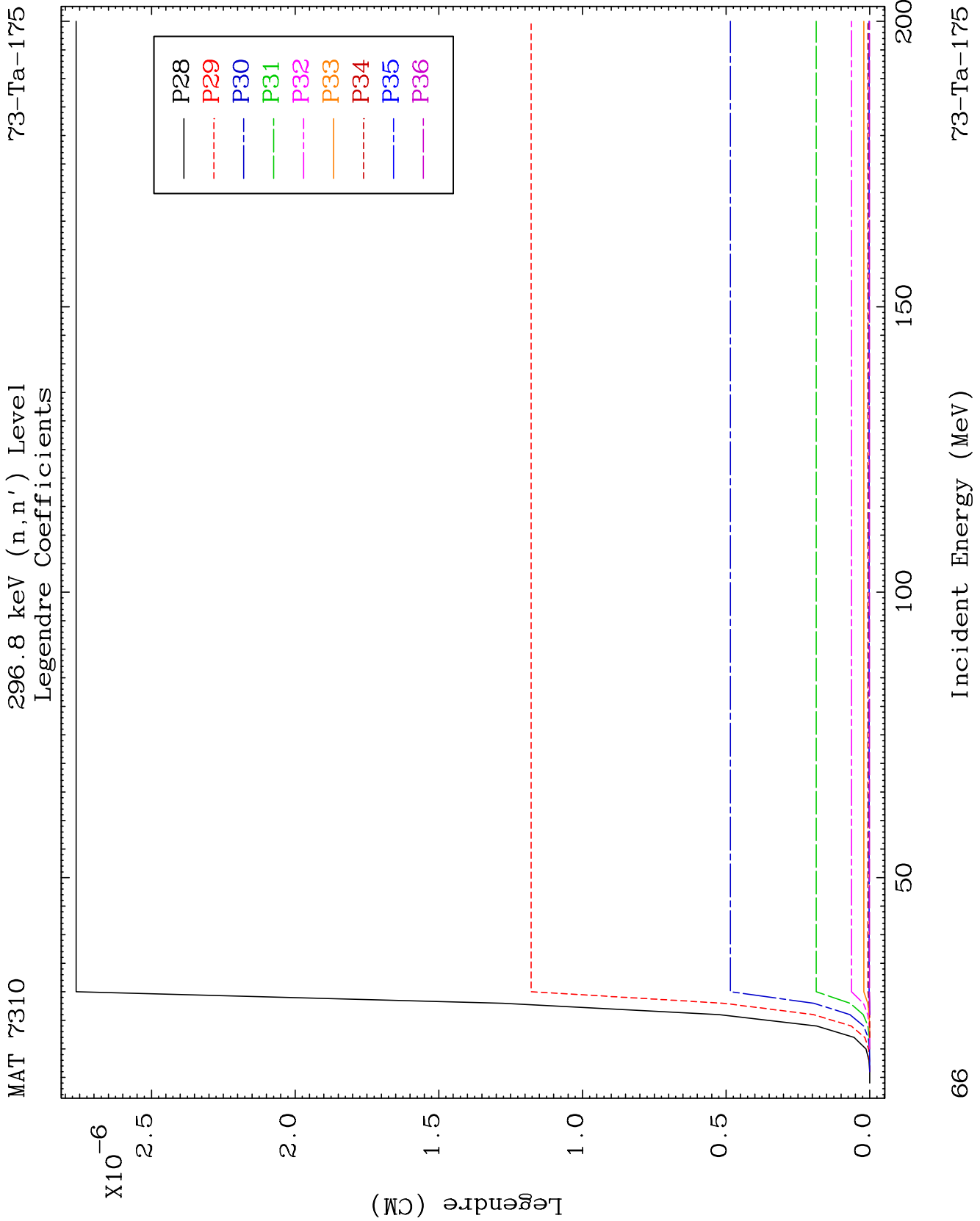
73-Ta-175

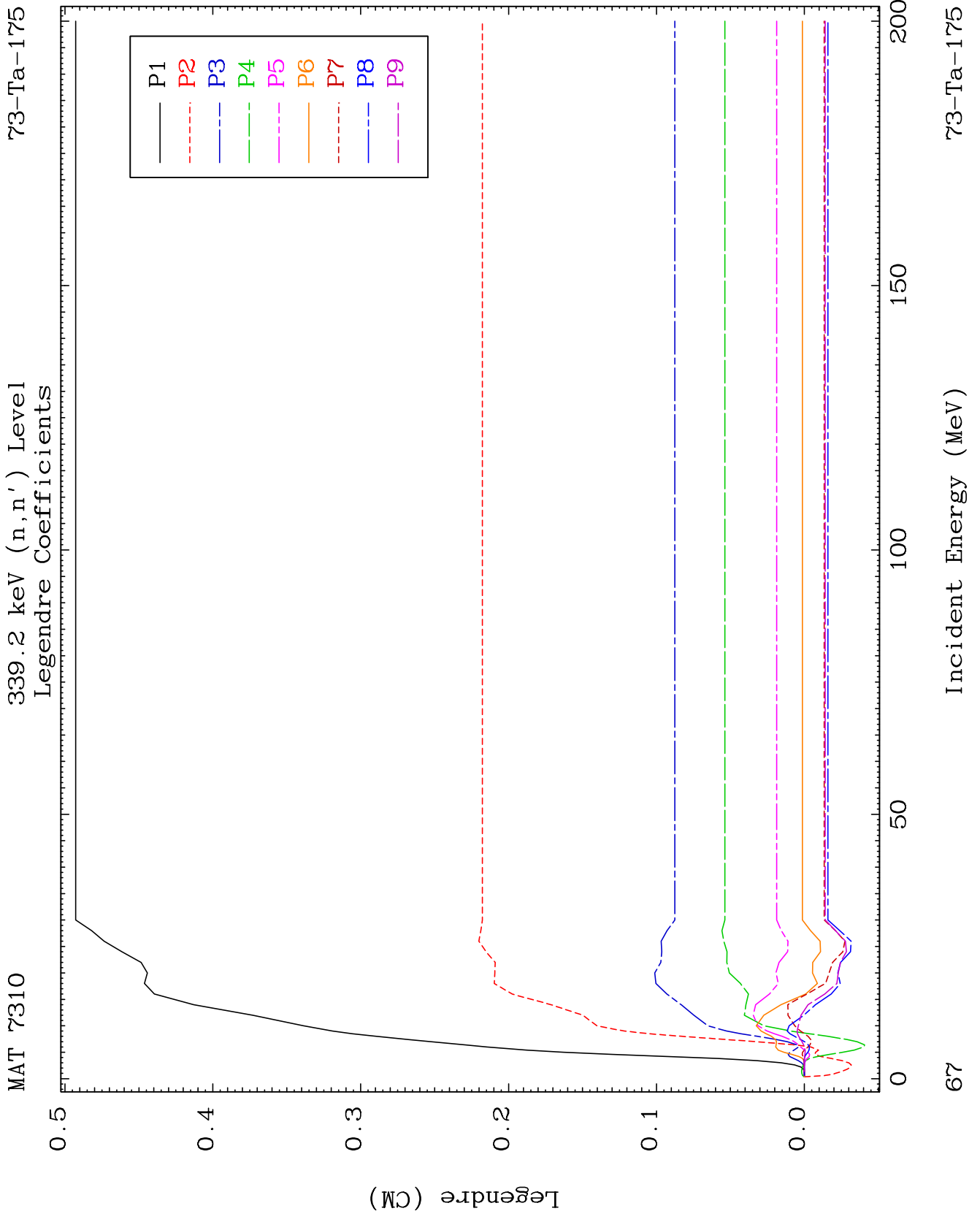


65

Incident Energy (MeV)

73-Ta-175

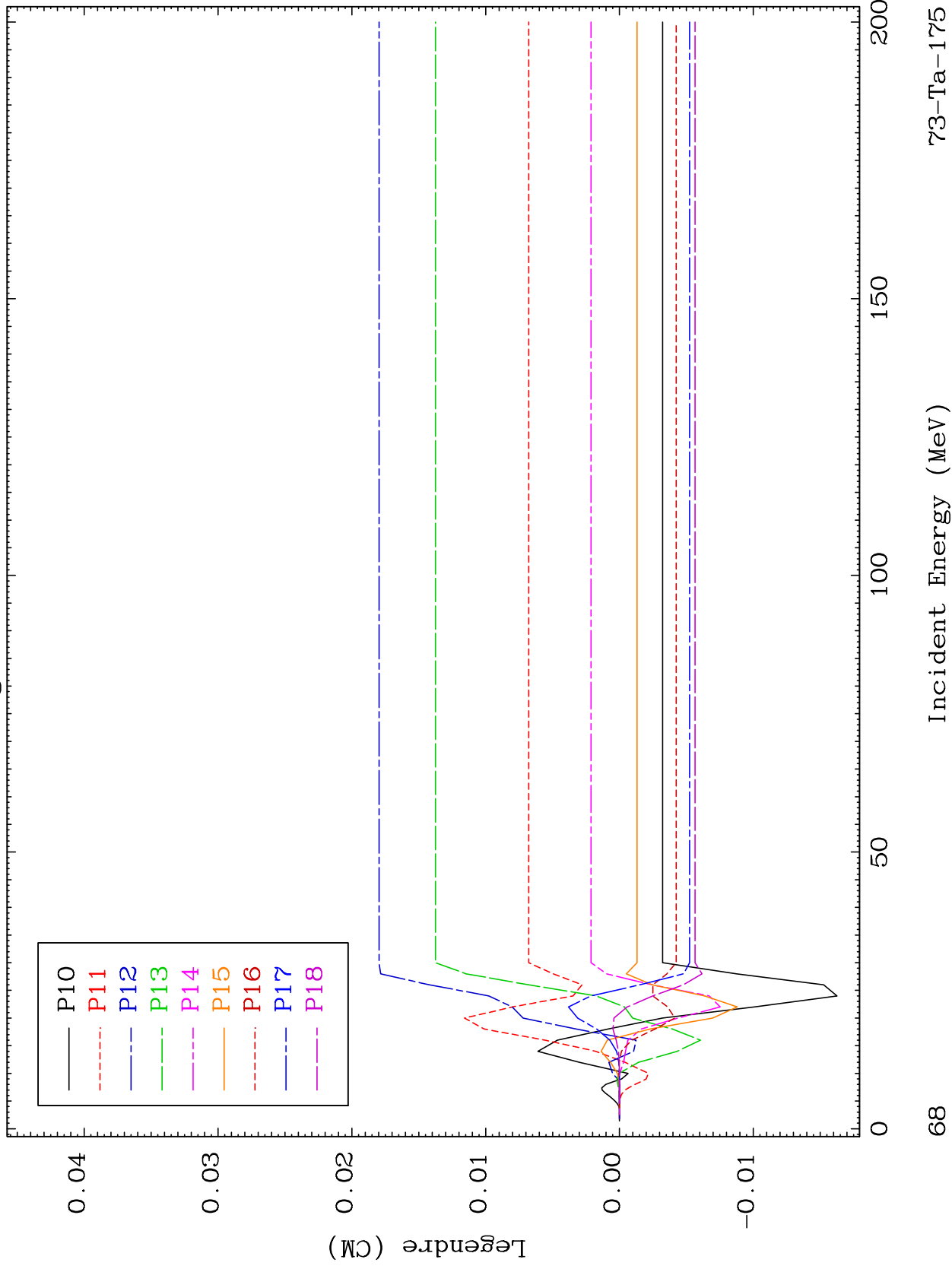




MAT 7310

339.2 keV (n,n') Level
Legendre Coefficients

73-Ta-175



68

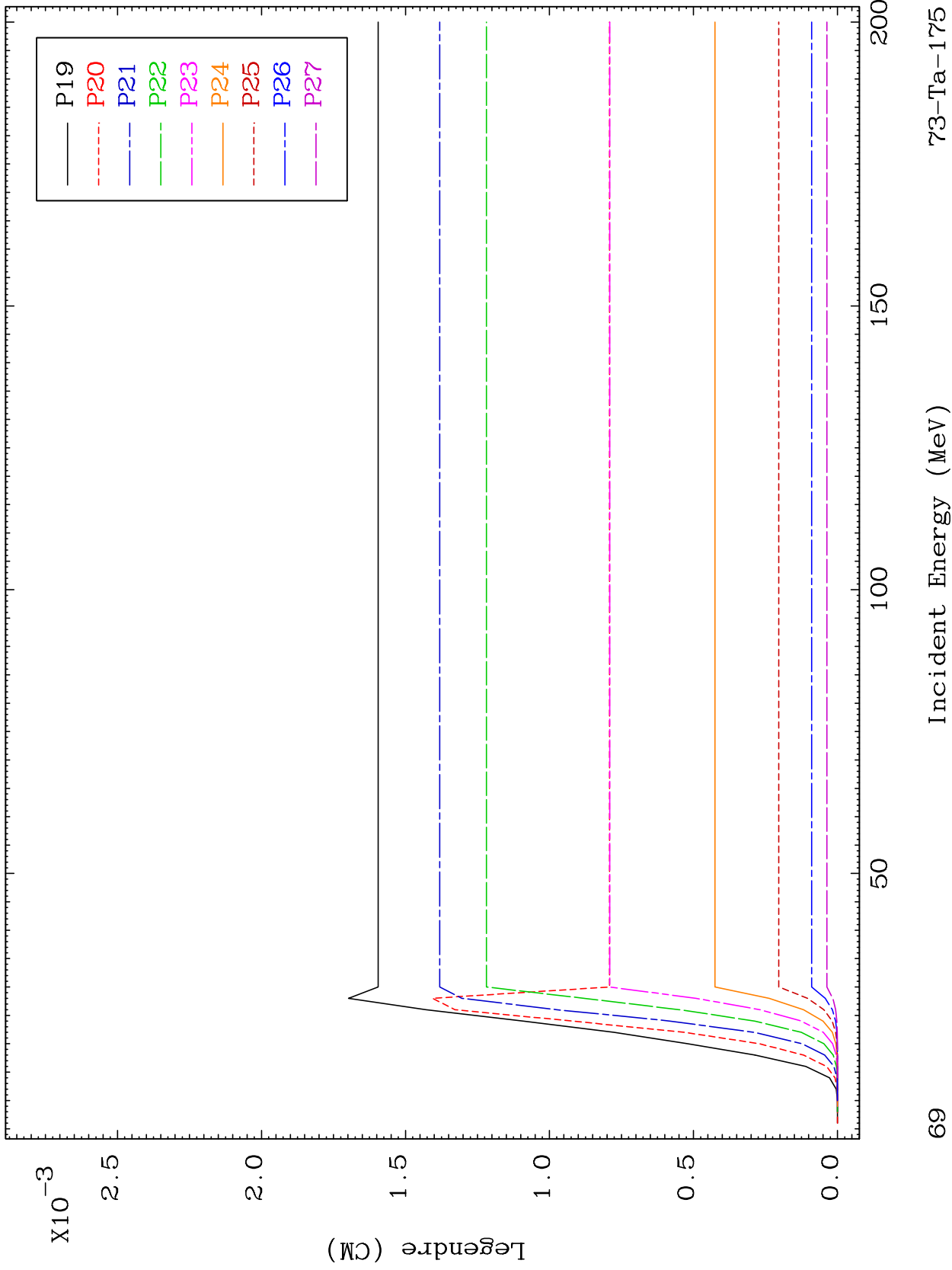
Incident Energy (MeV)

73-Ta-175

MAT 7310

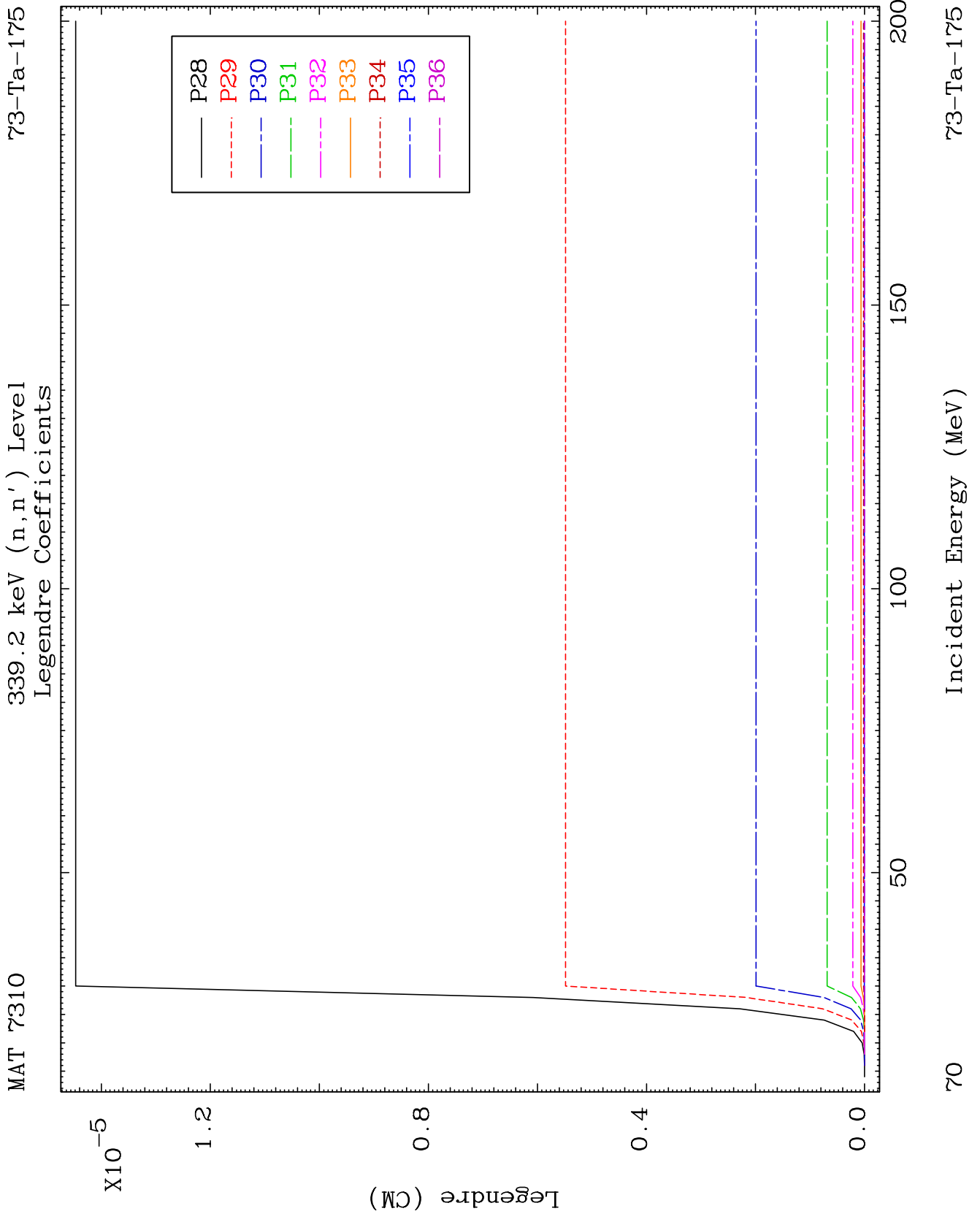
339.2 keV (n,n') Level
Legendre Coefficients

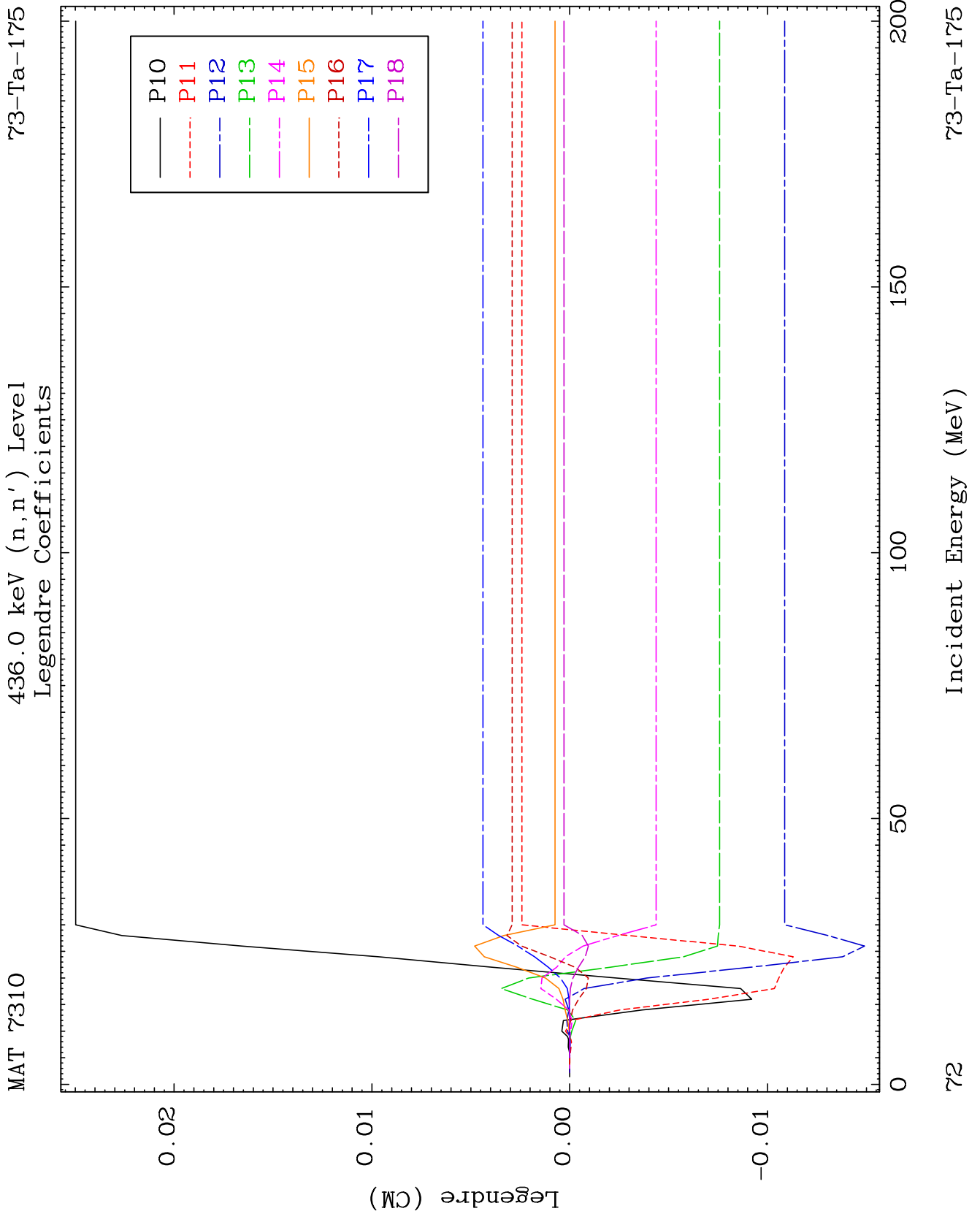
73-Ta-175



69

73-Ta-175

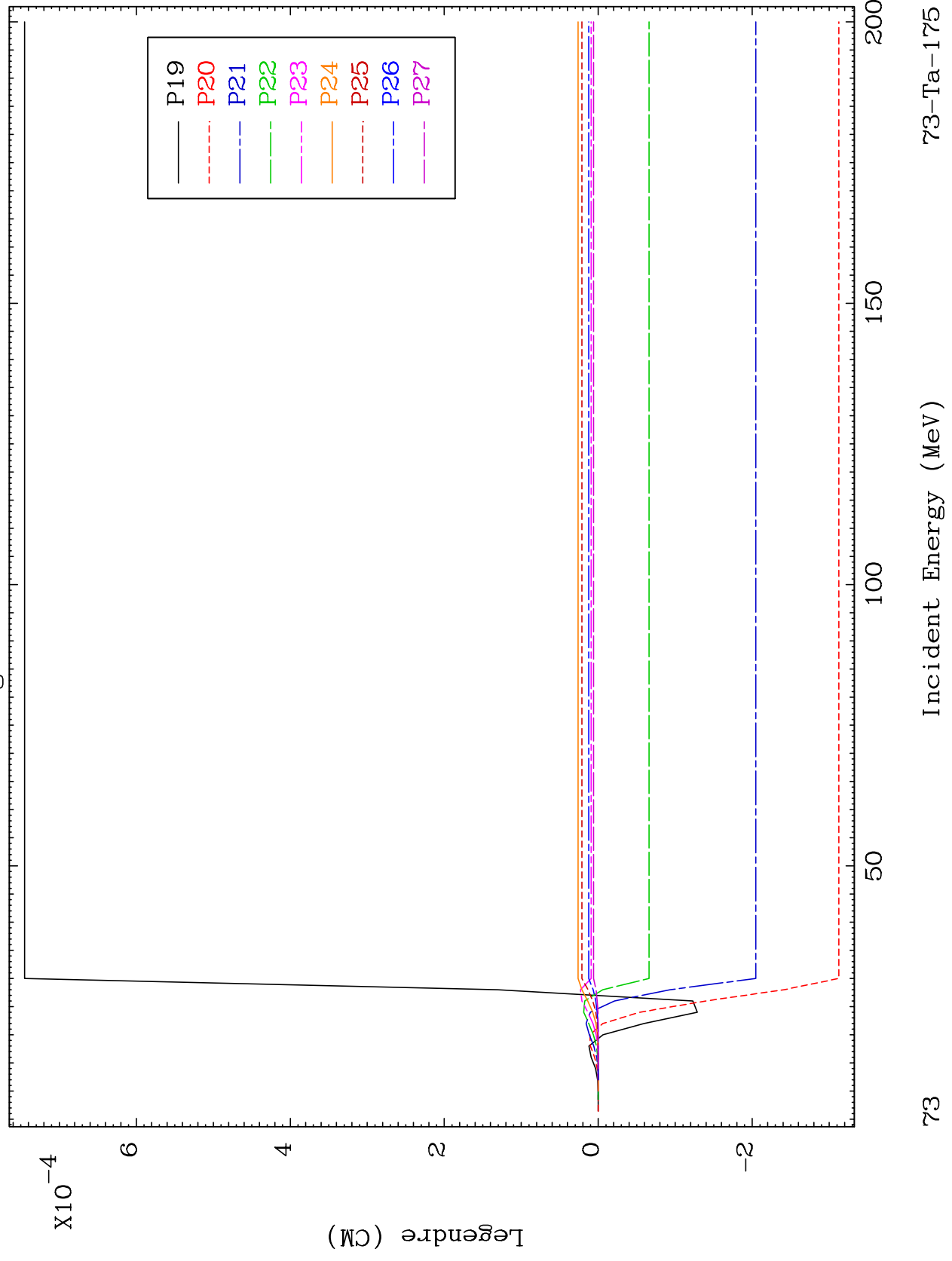




MAT 7310

436.0 keV (n,n') Level
Legendre Coefficients

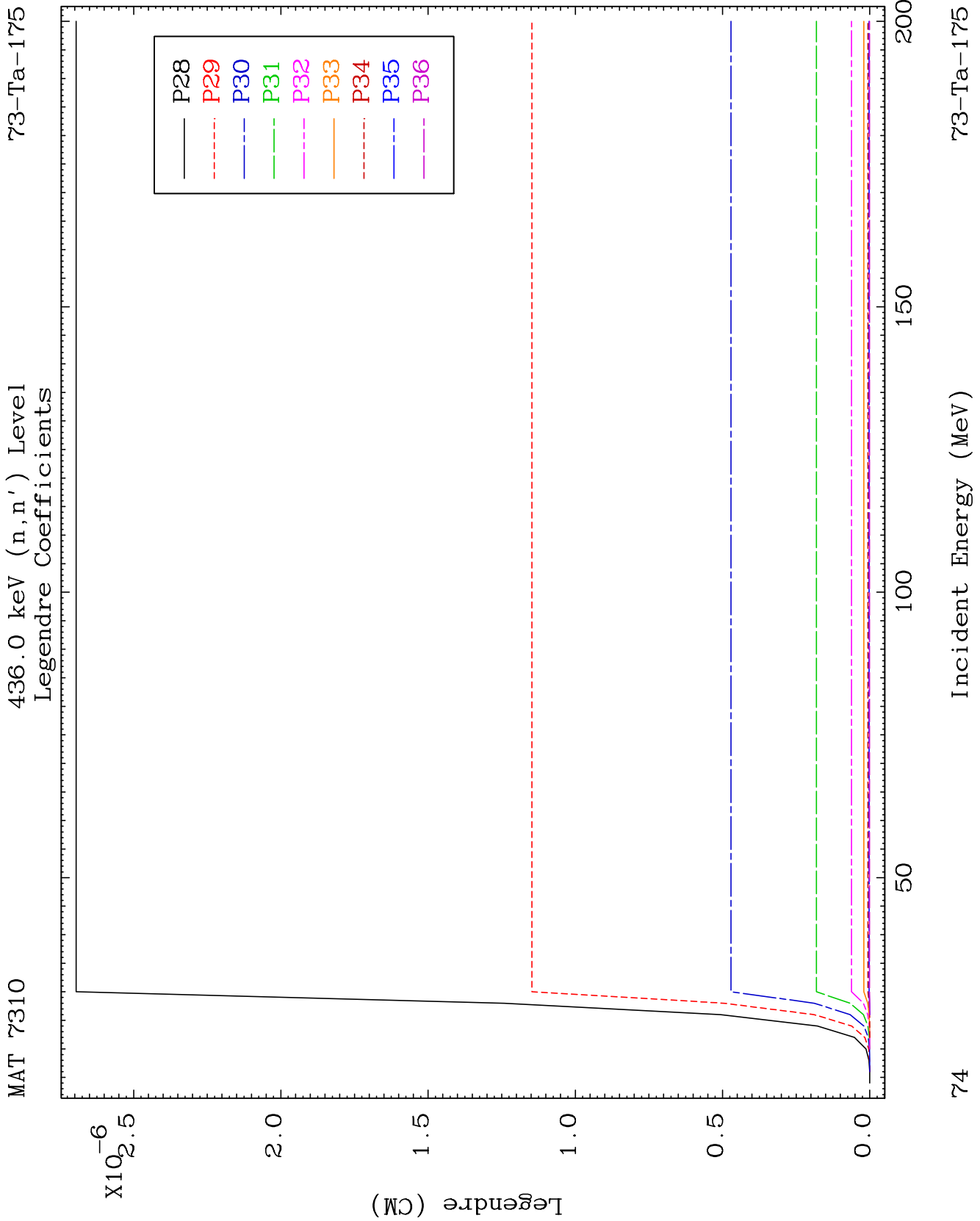
73-Ta-175

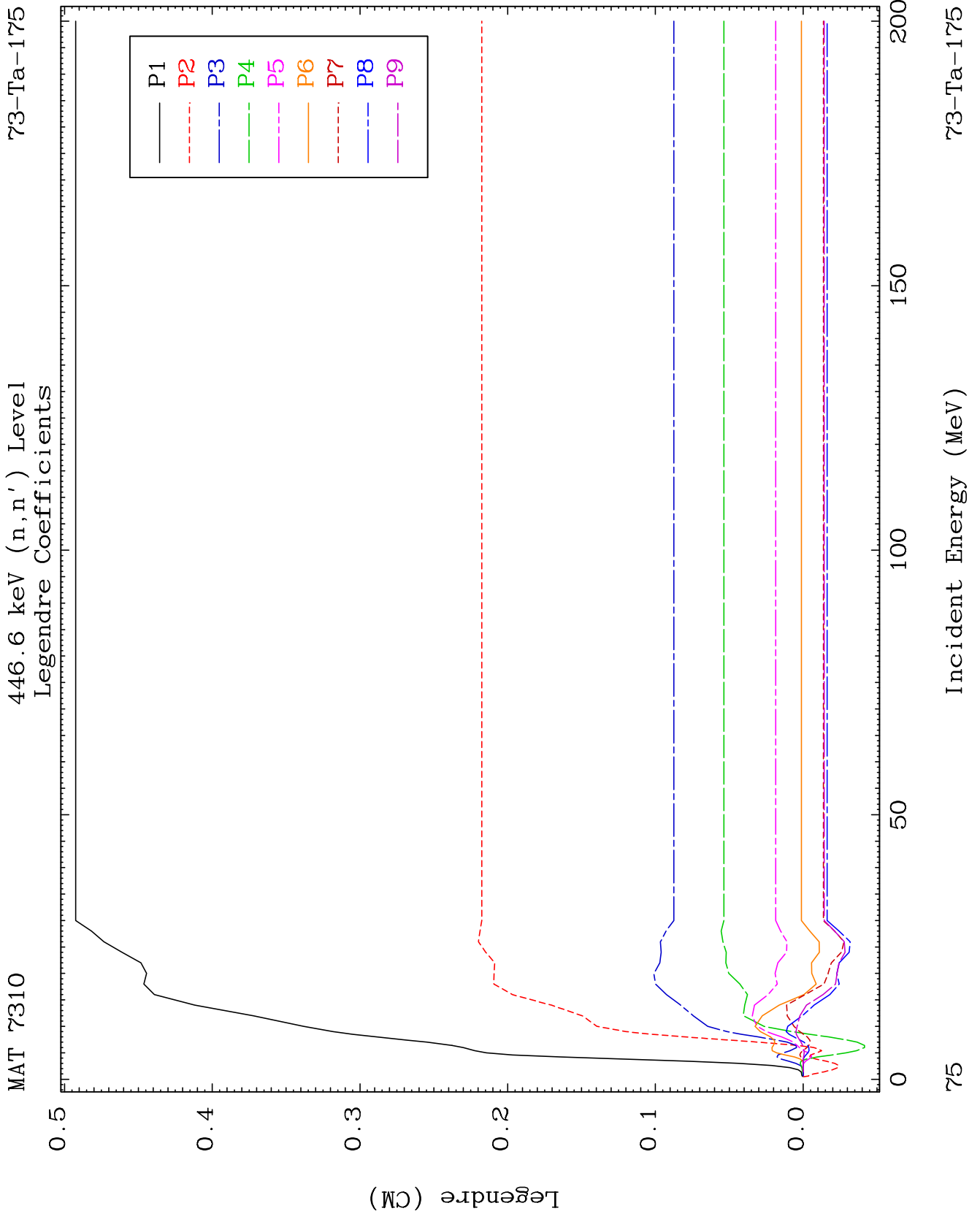


73

Incident Energy (MeV)

73-Ta-175

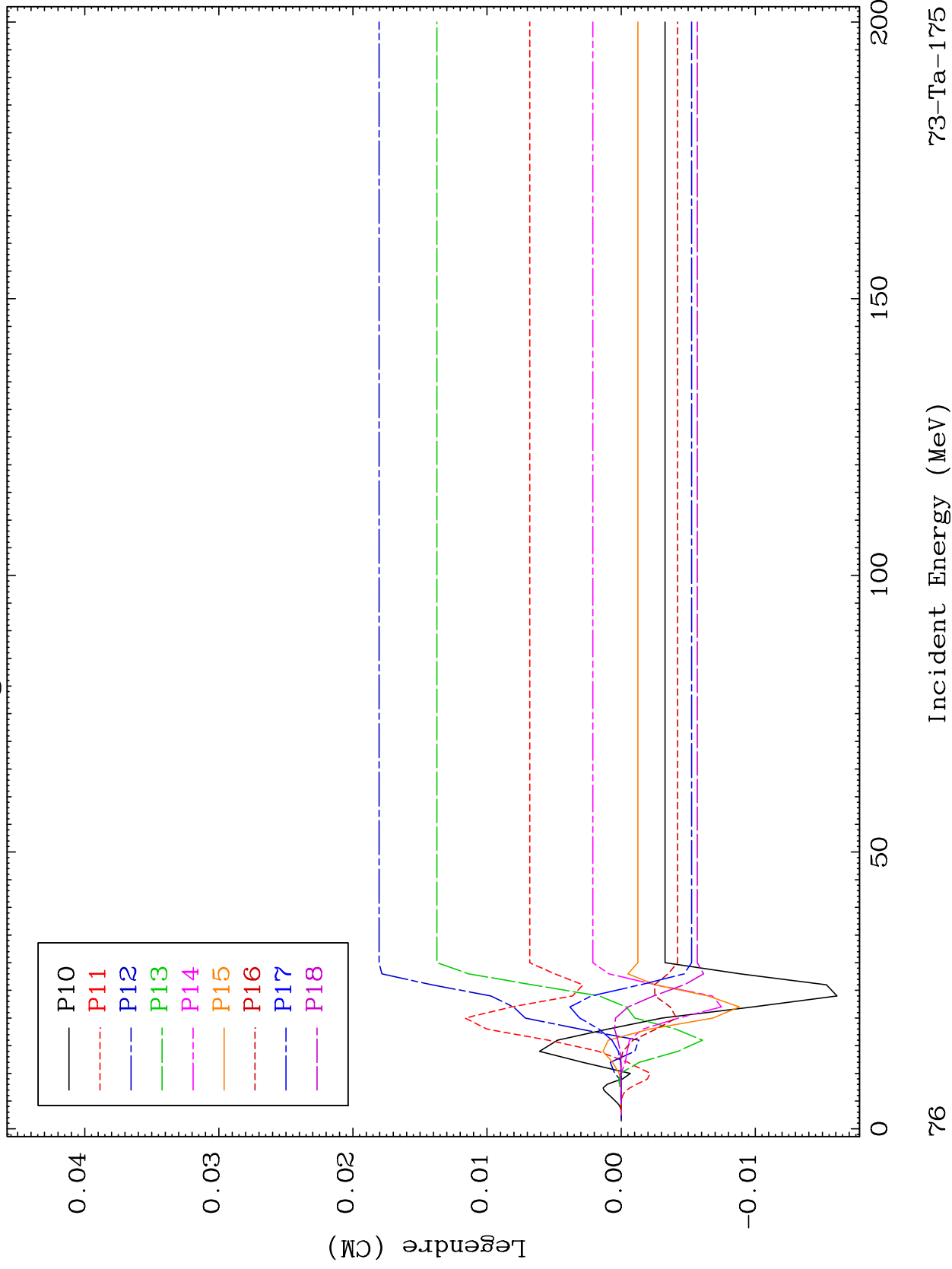




MAT 7310

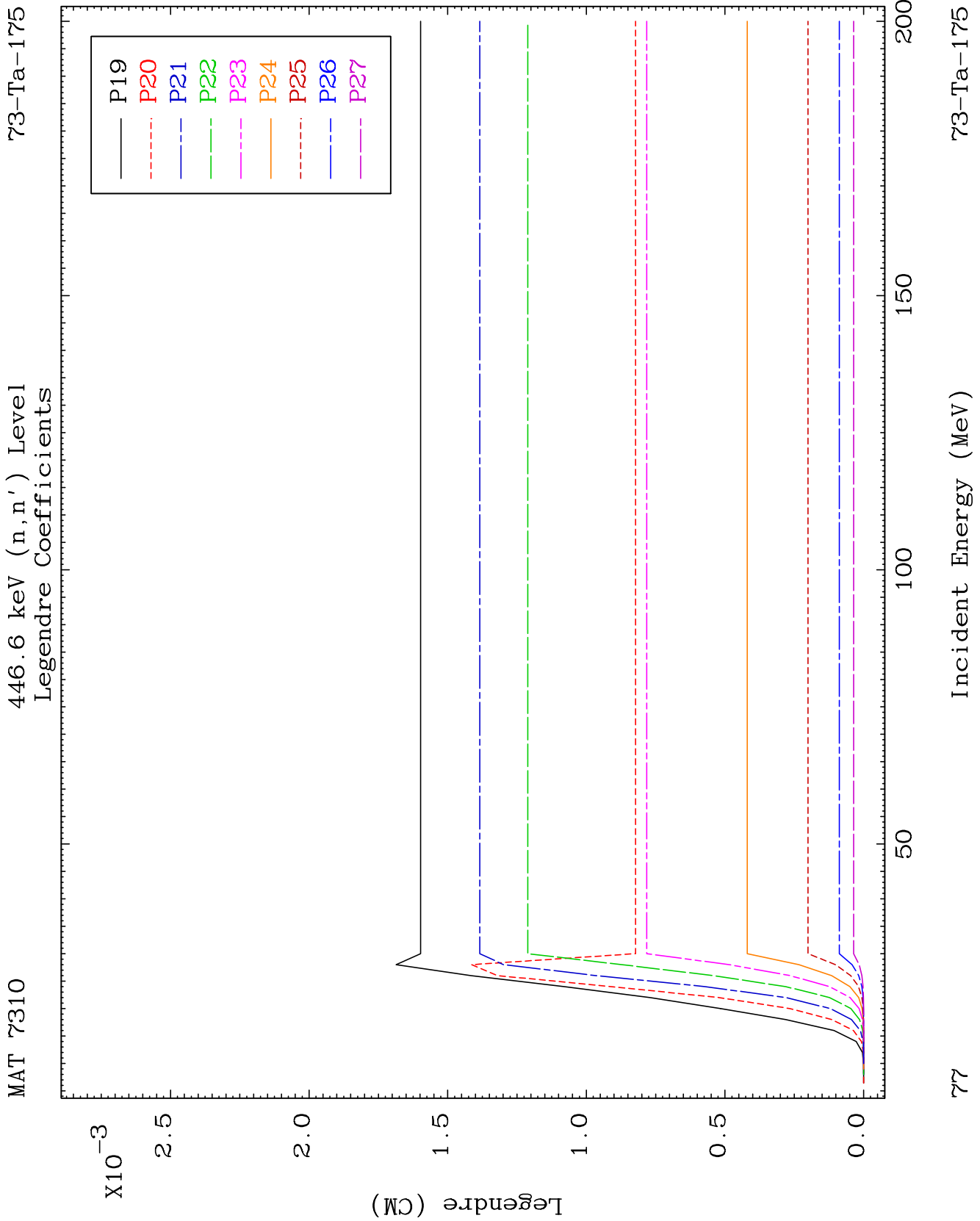
446.6 keV (n, n') Level
Legendre Coefficients

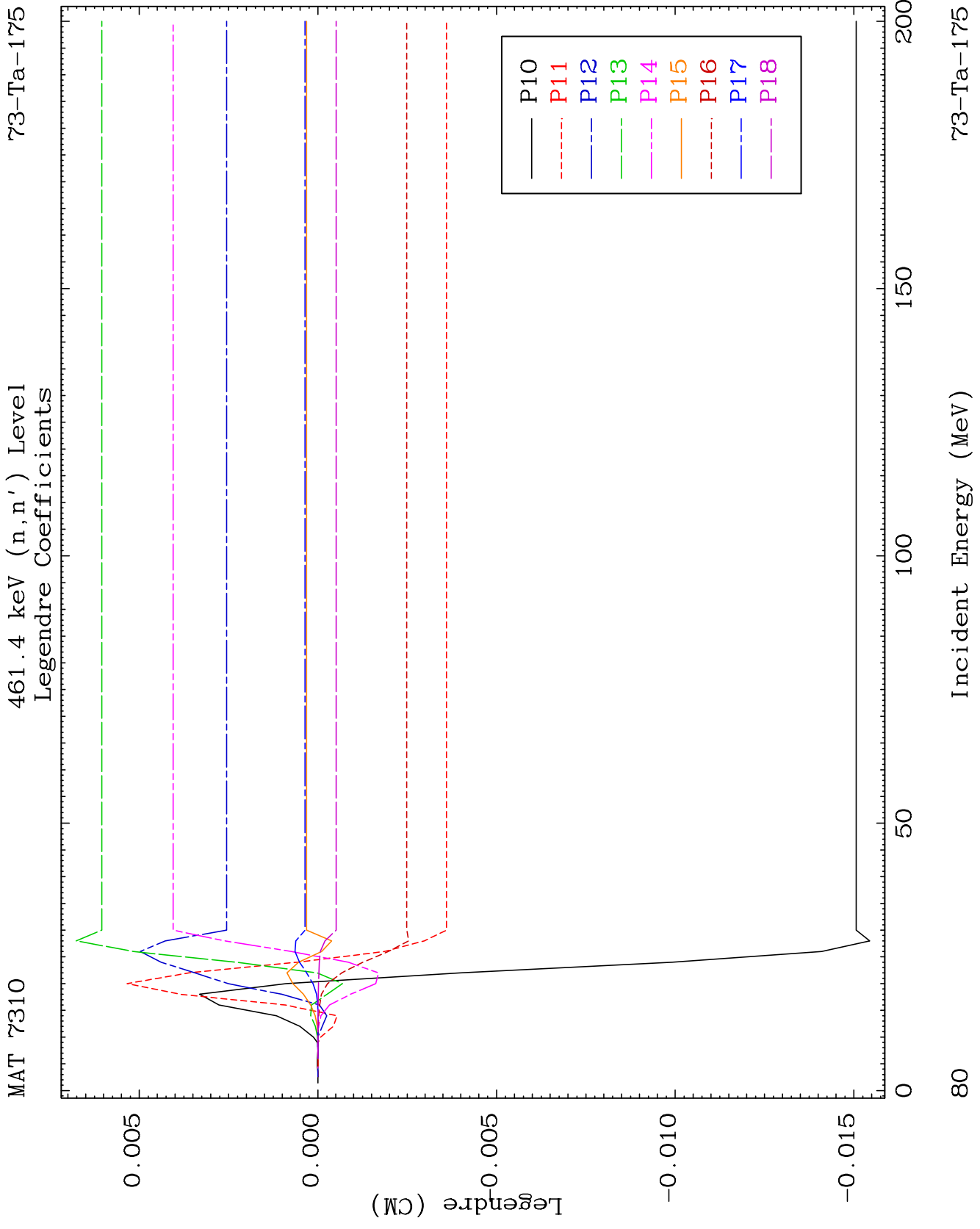
73-Ta-175

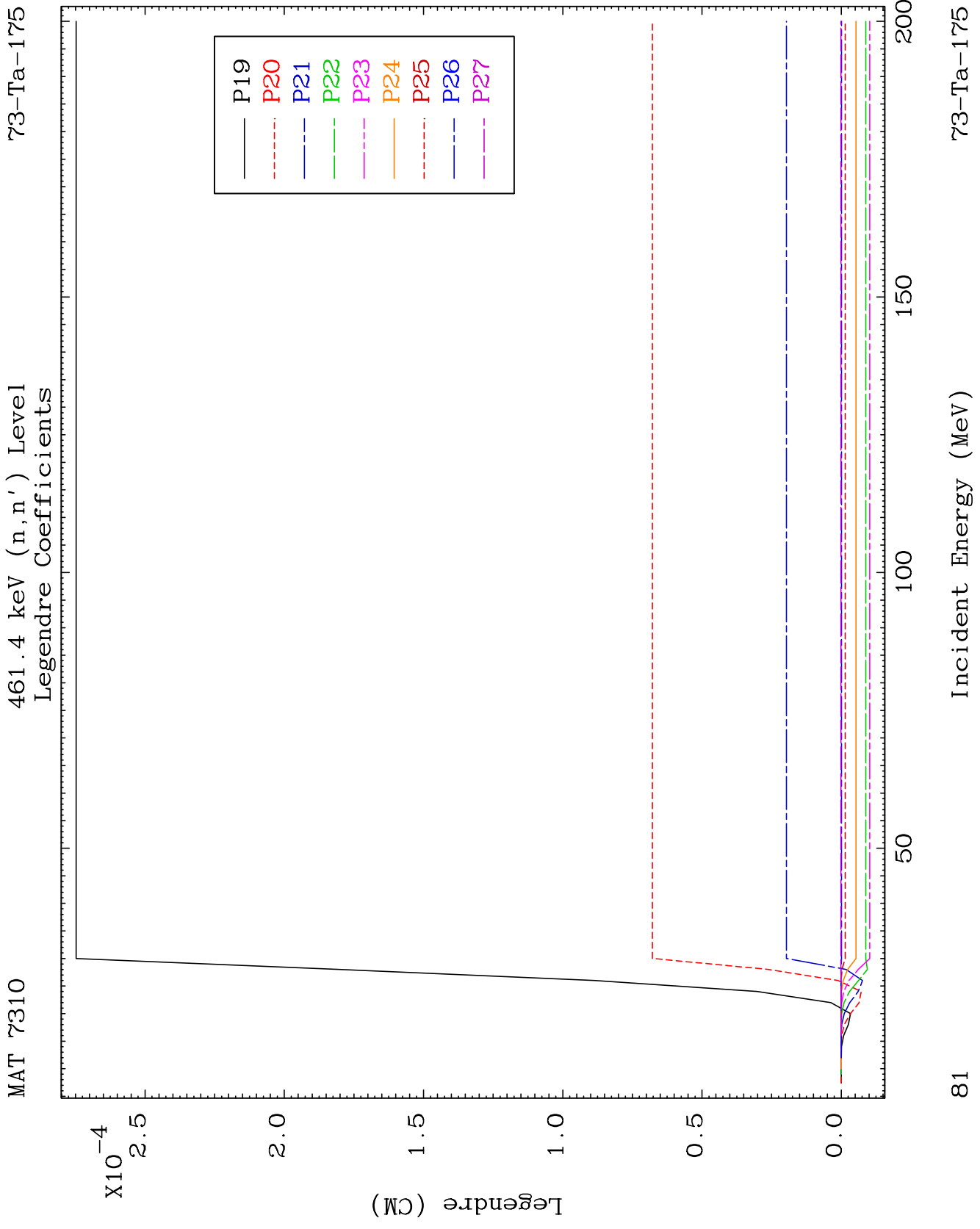


76

73-Ta-175



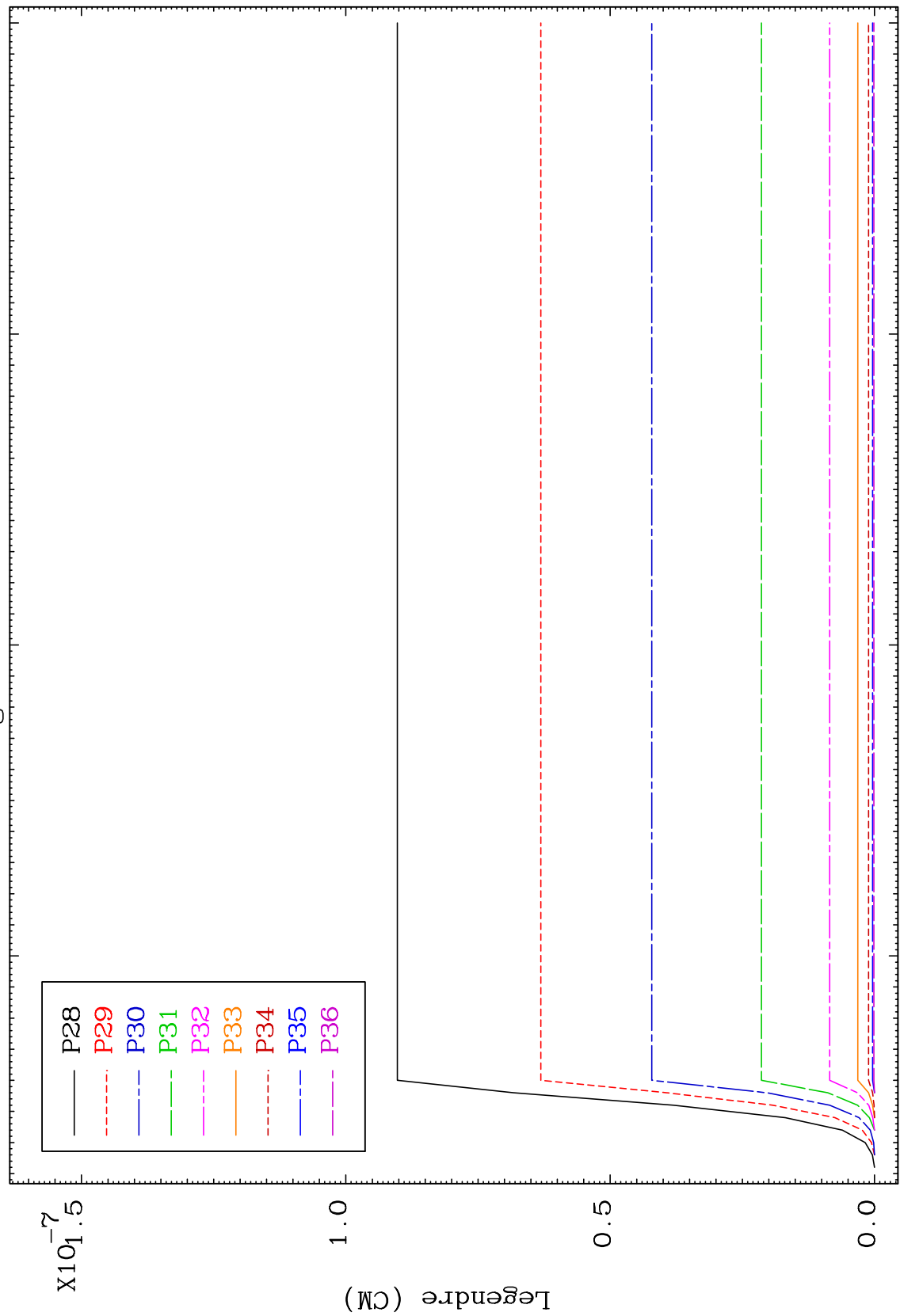
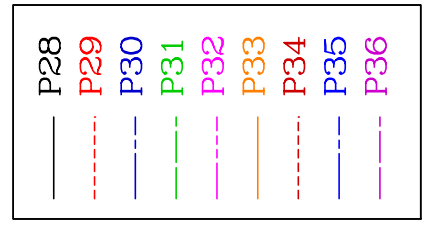




MAT 7310

461.4 keV (n, n') Level
Legendre Coefficients

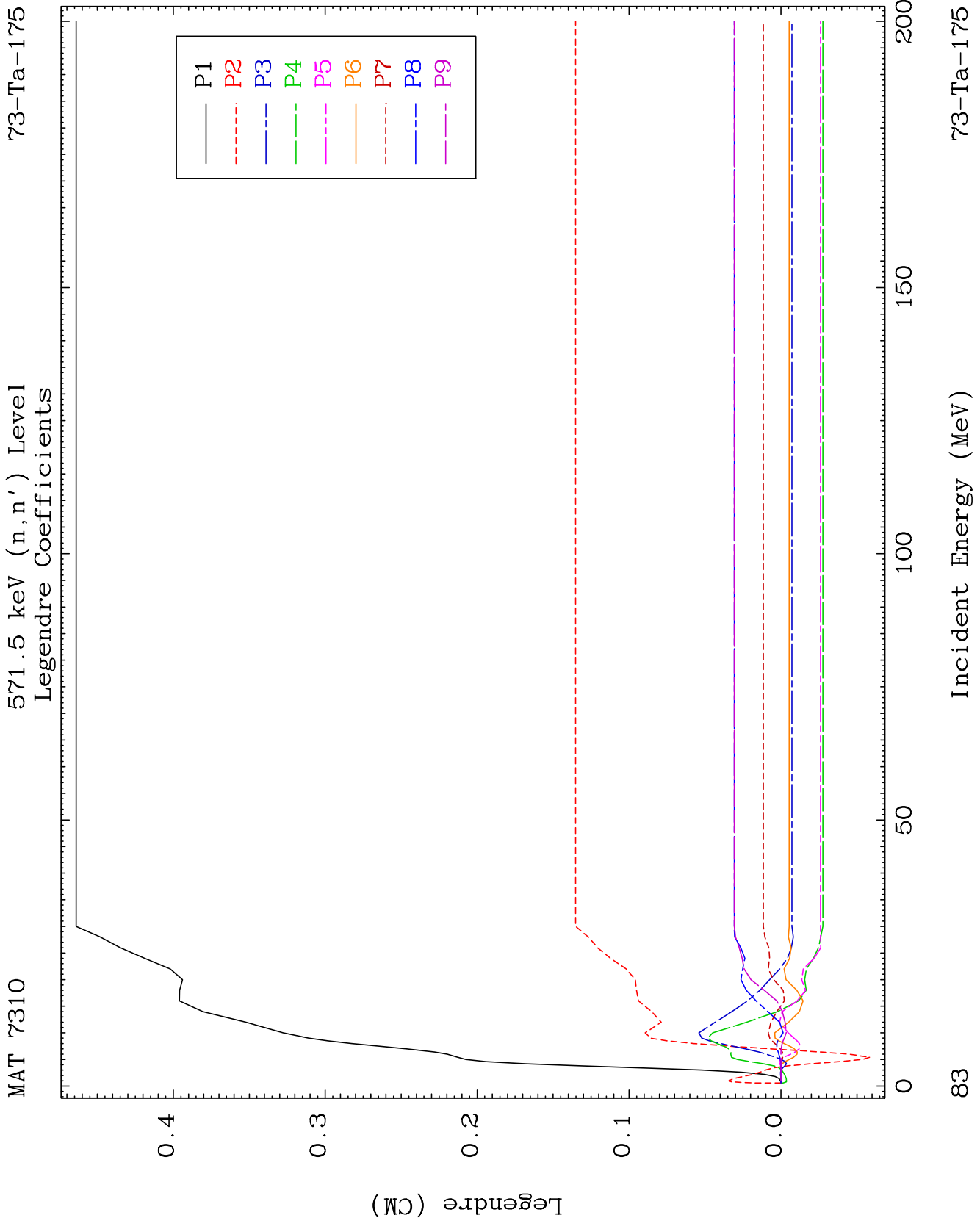
73-Ta-175



82

Incident Energy (MeV)

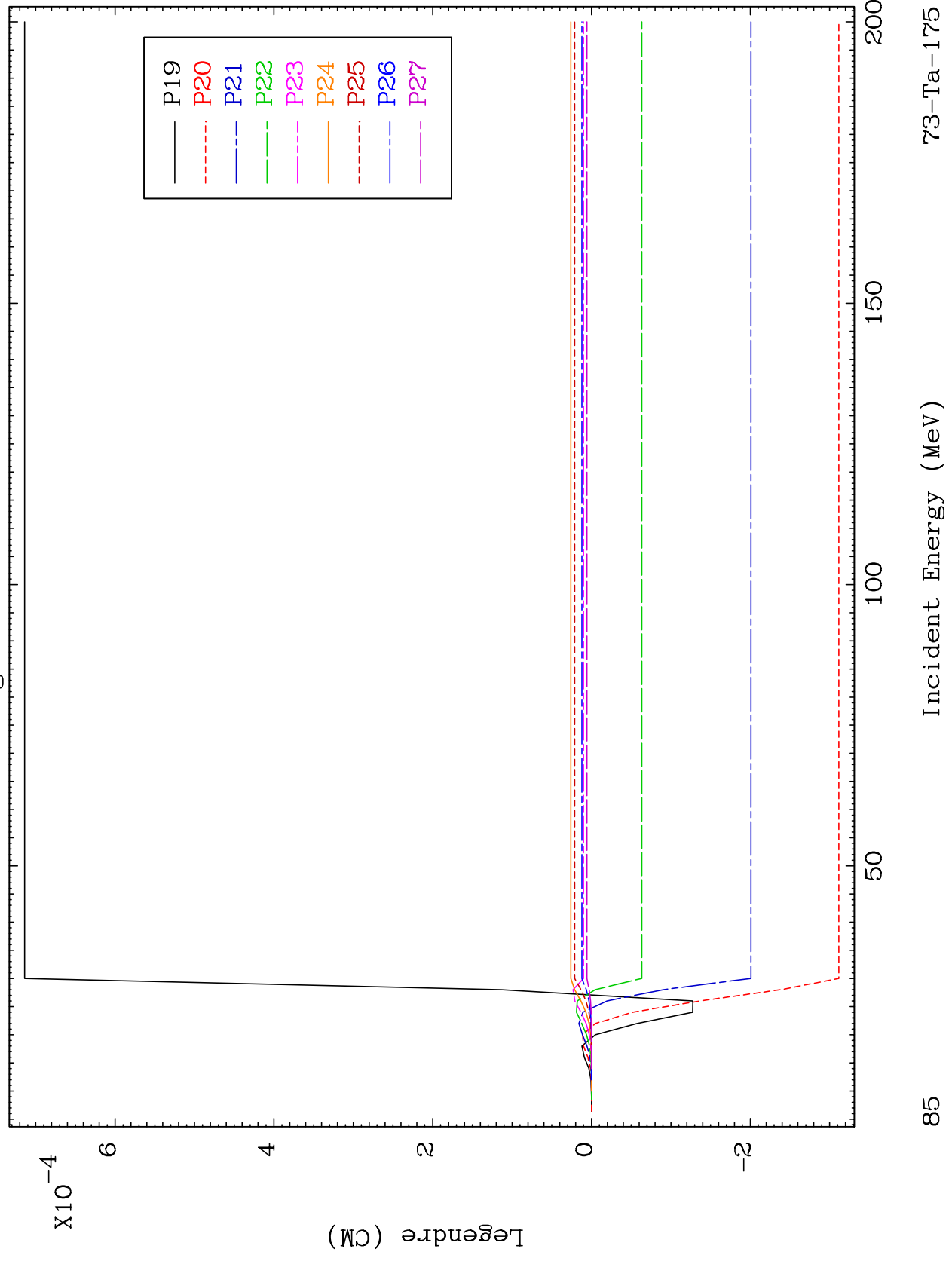
73-Ta-175



MAT 7310

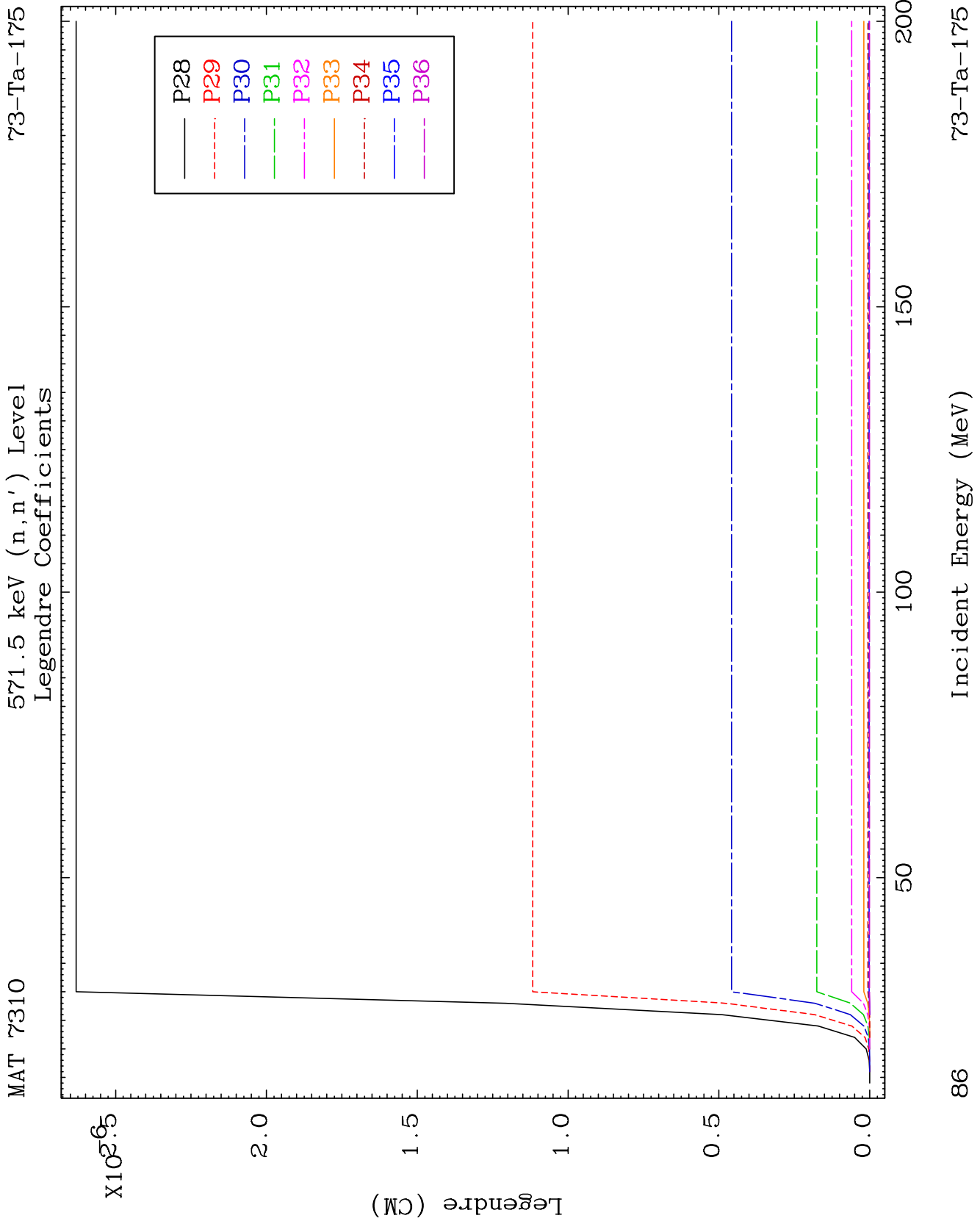
571.5 keV (n,n') Level
Legendre Coefficients

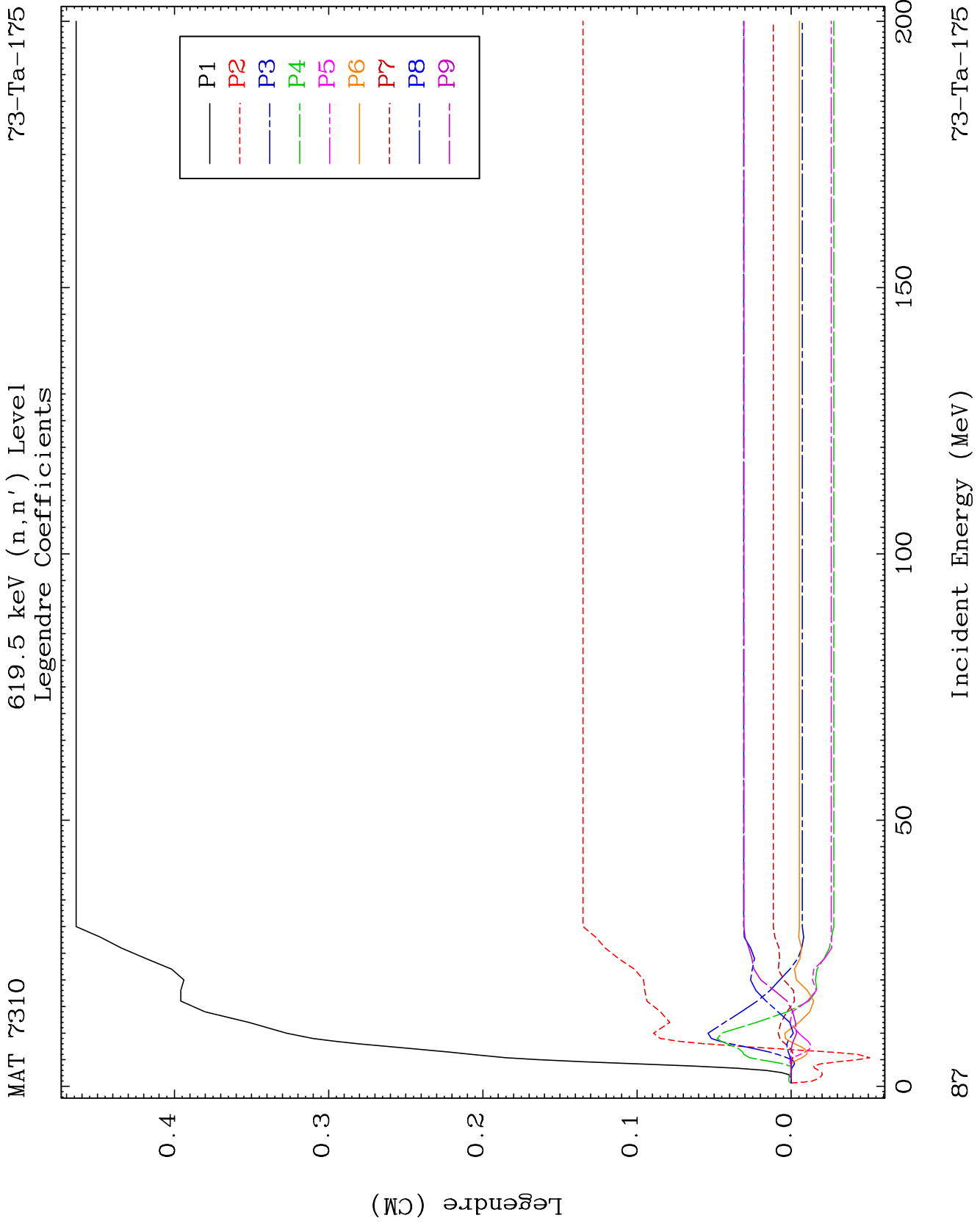
73-Ta-175

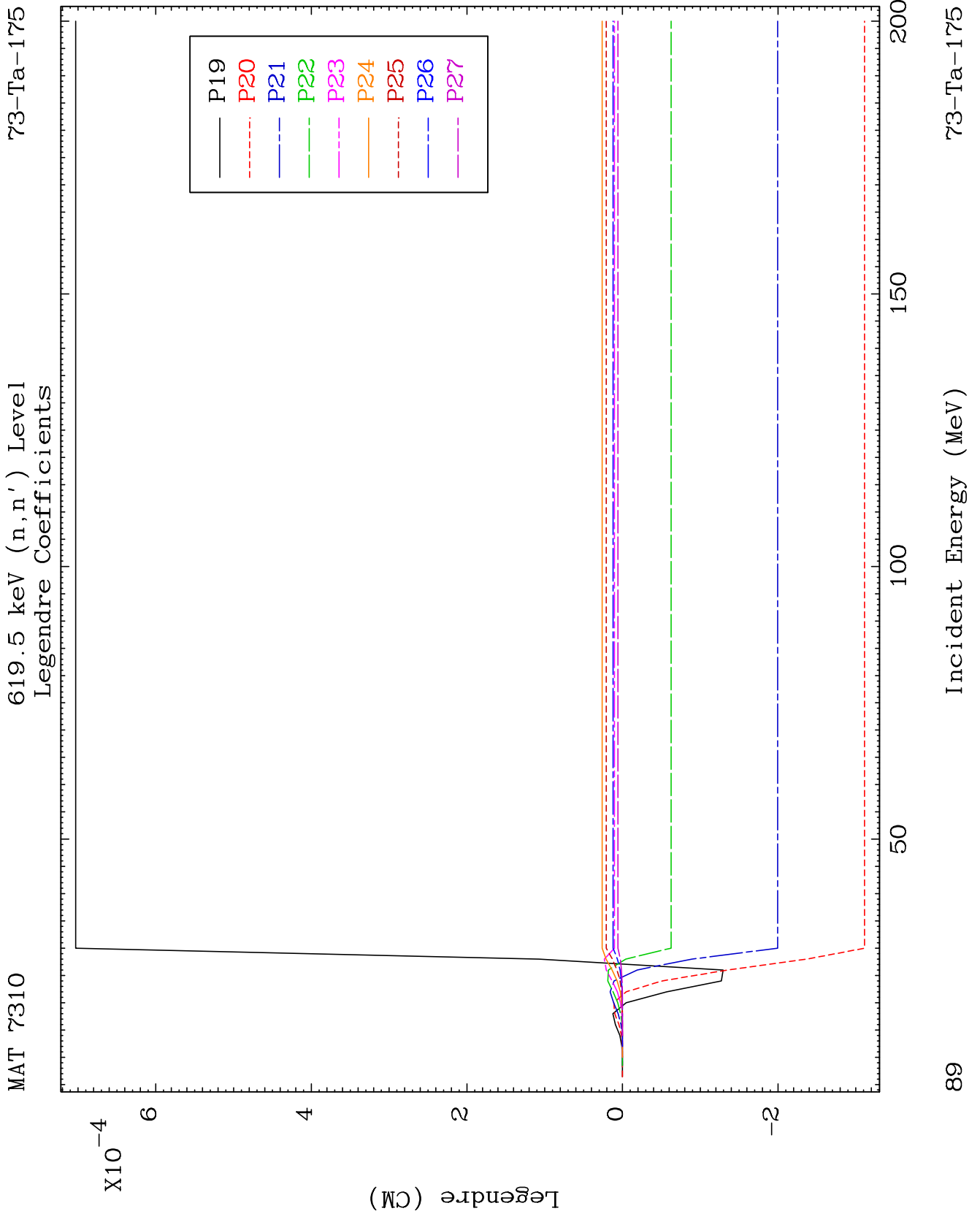


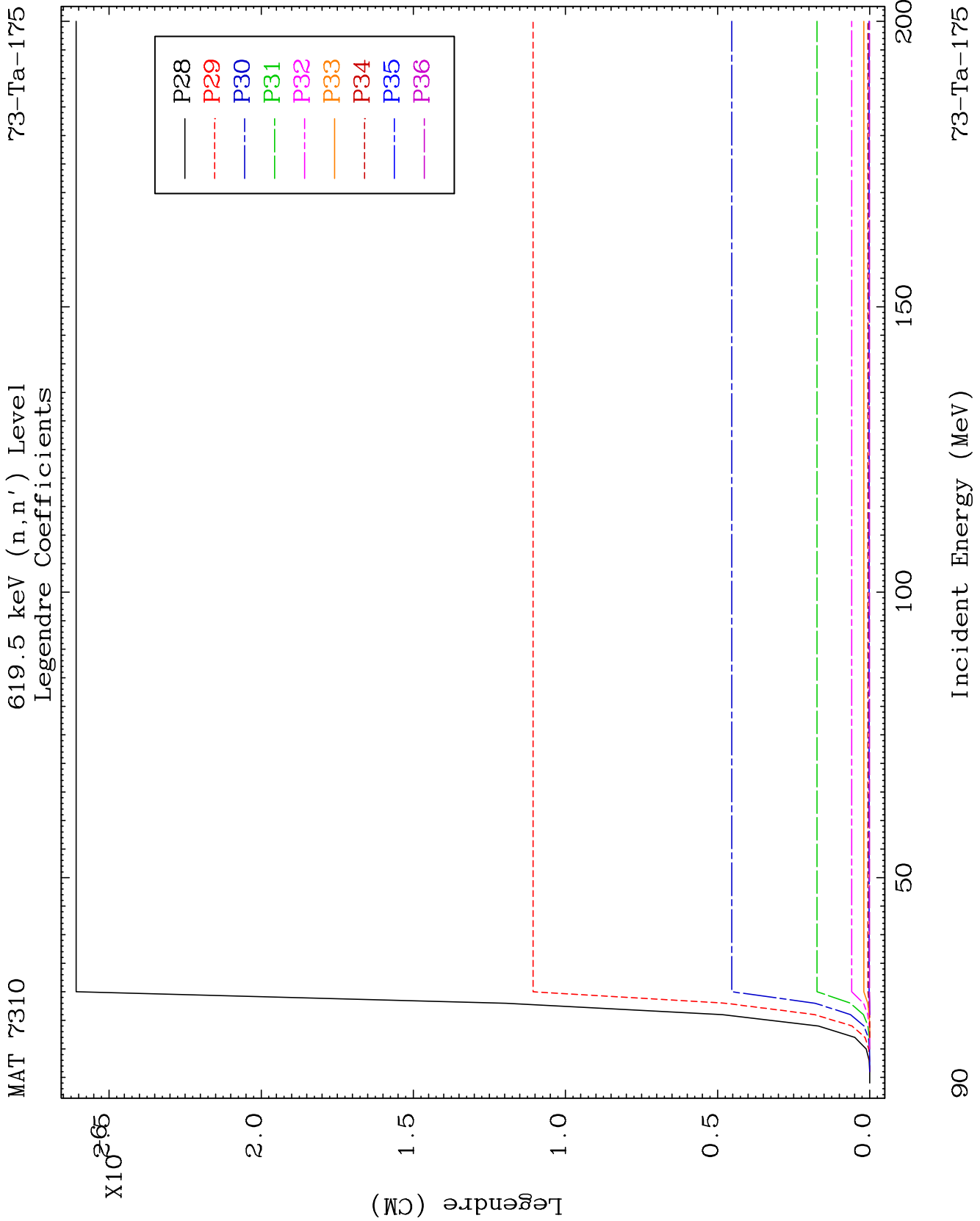
85

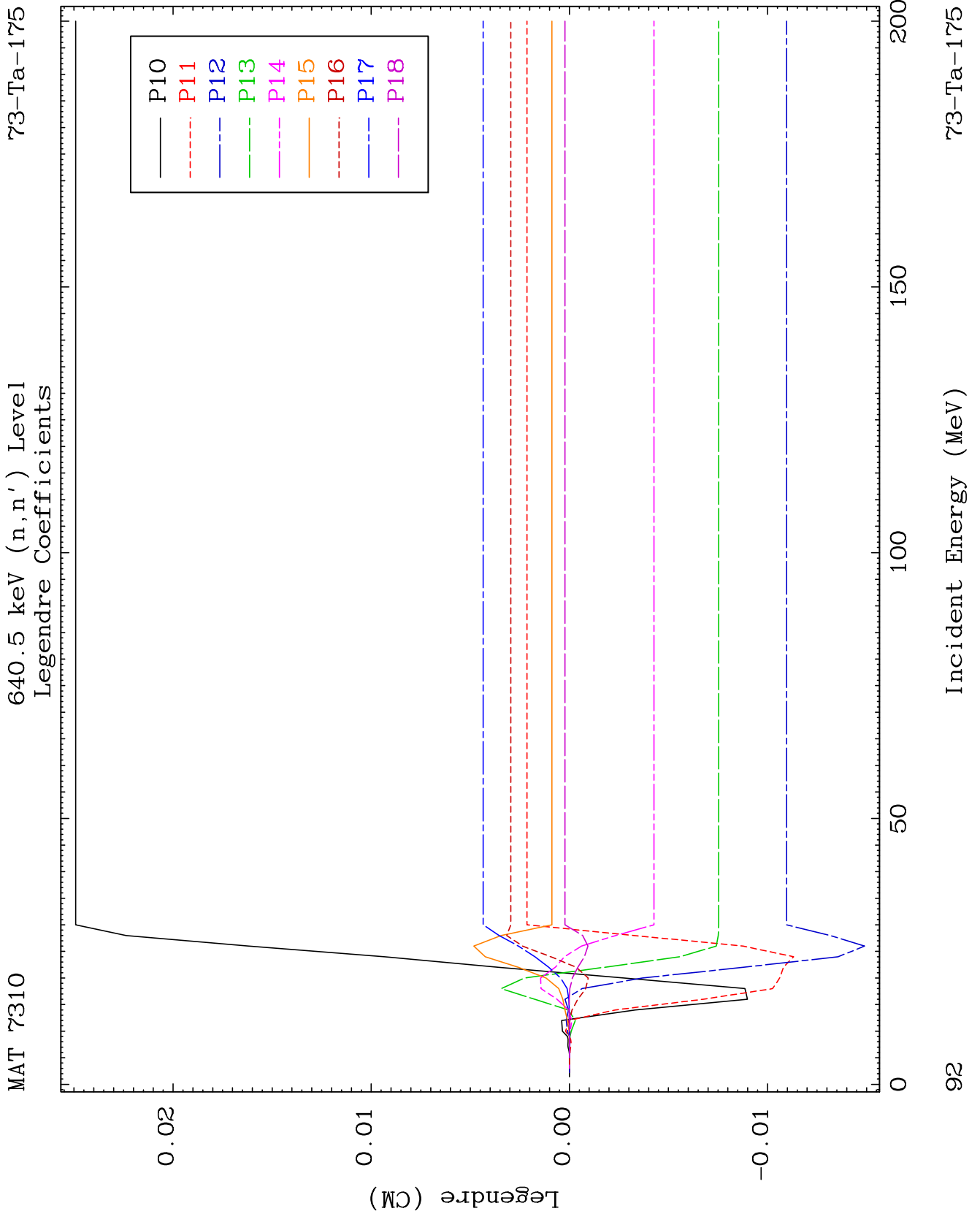
73-Ta-175

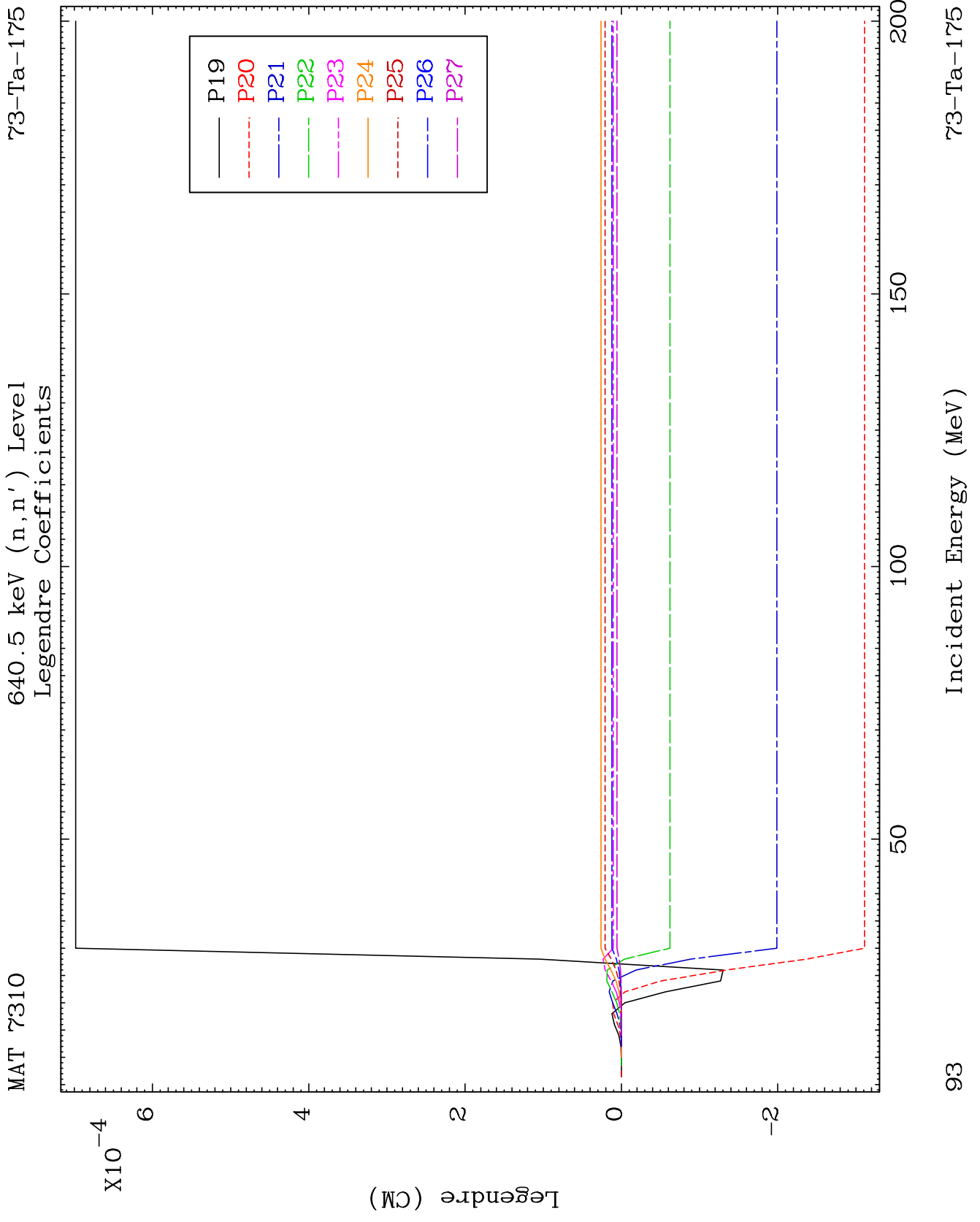


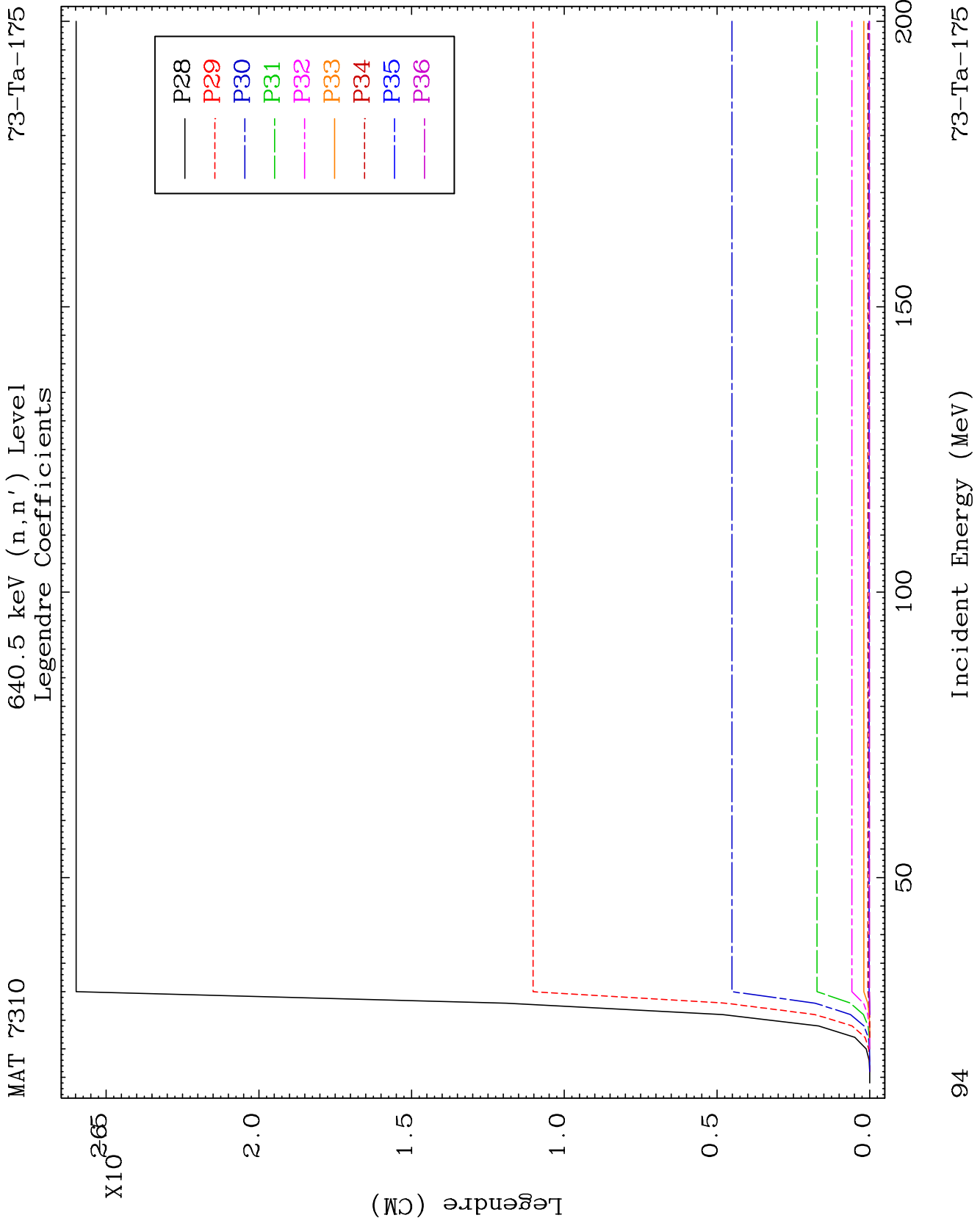


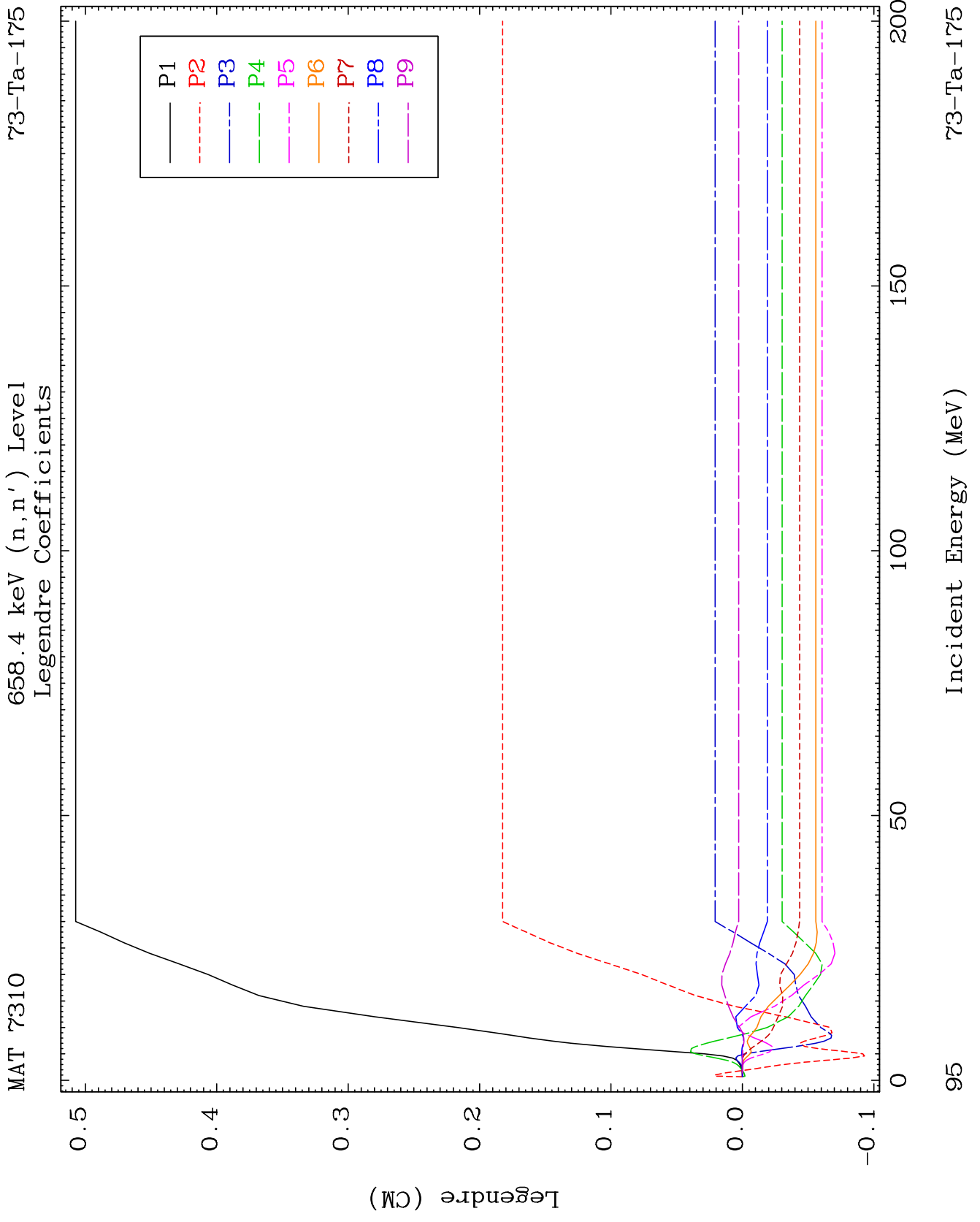


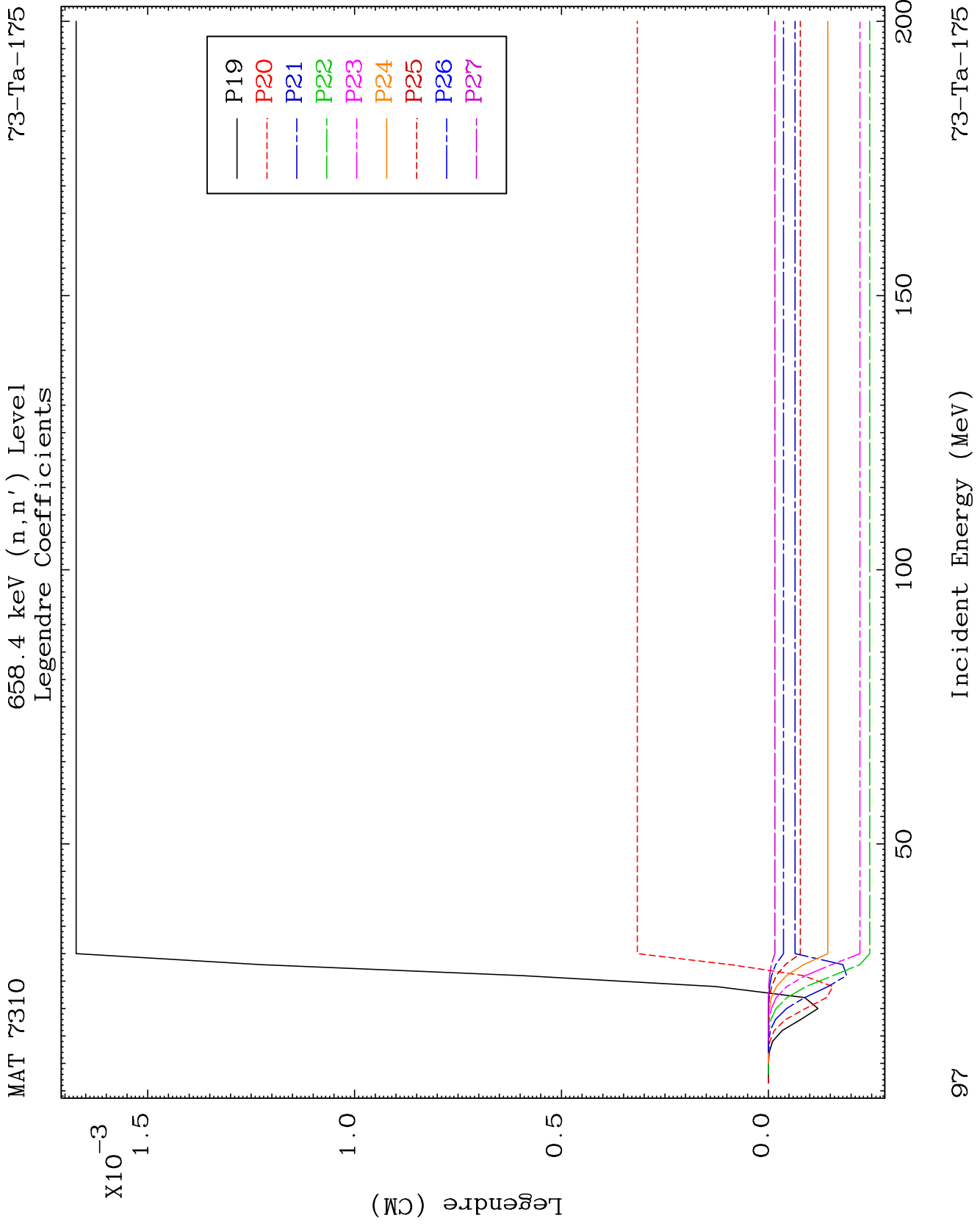


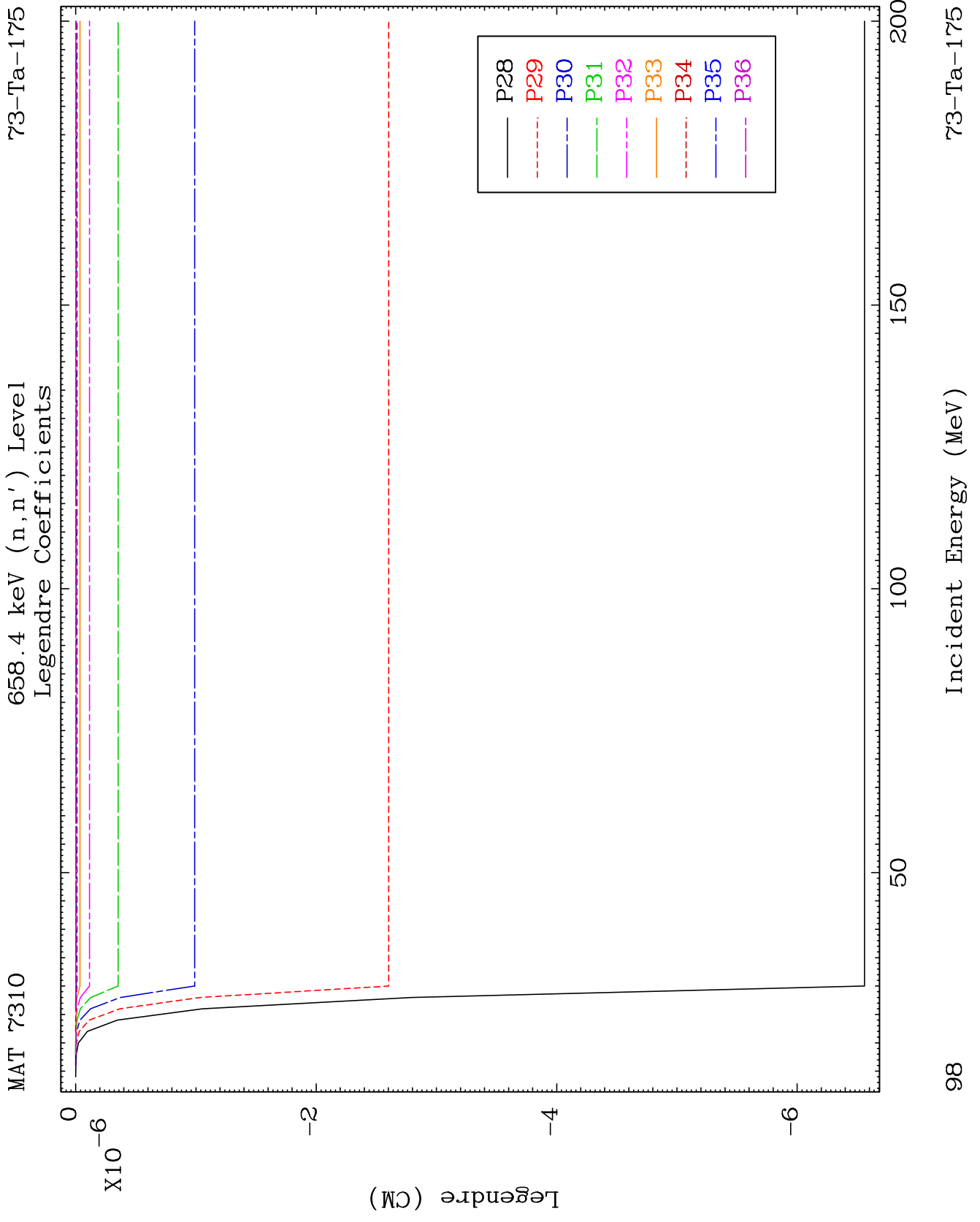










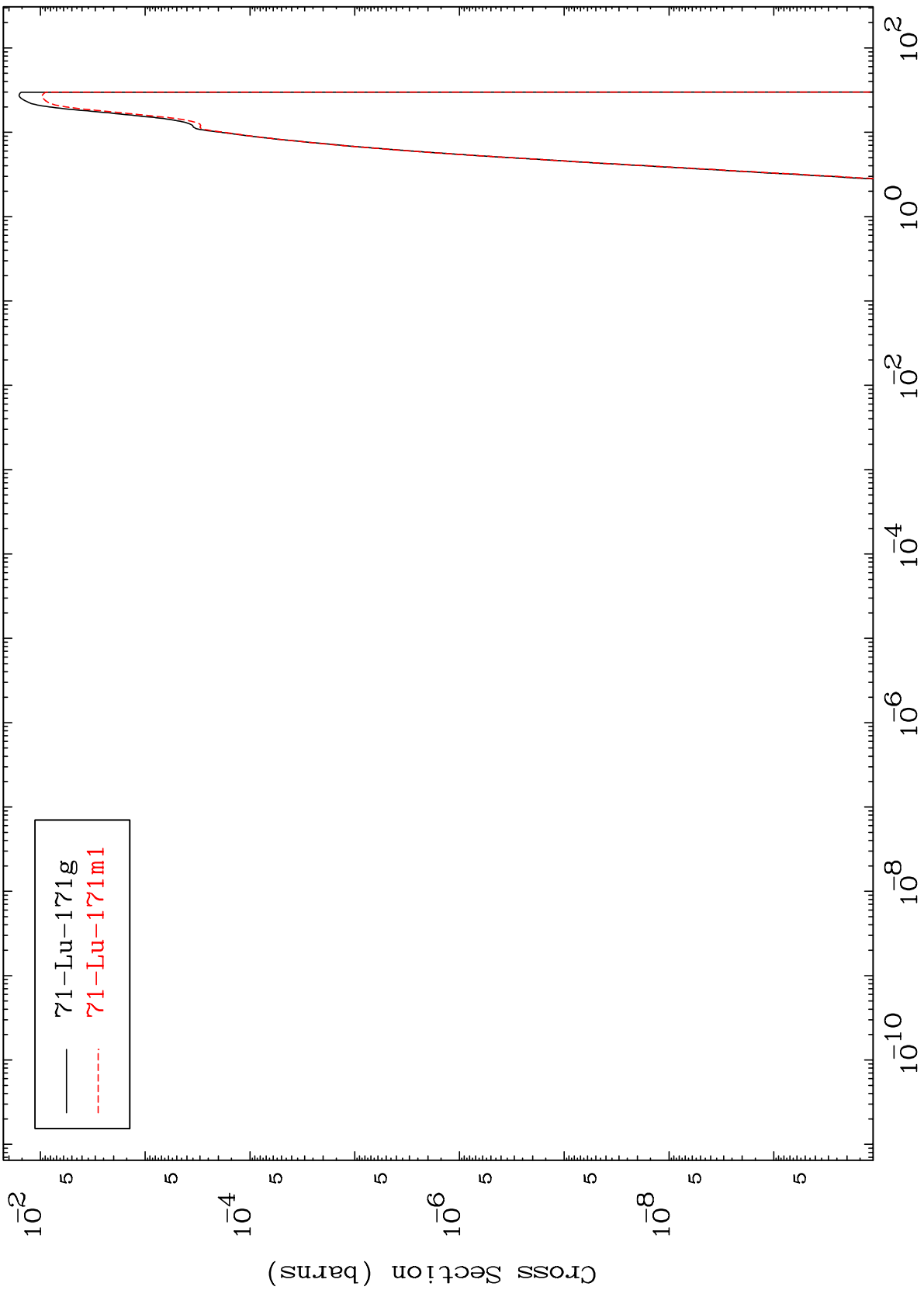


MAT 7310

$(n, n') \alpha$

$^{73}\text{Ta-175}$

Radionuclide Production Cross Section



99

Incident Energy (MeV)

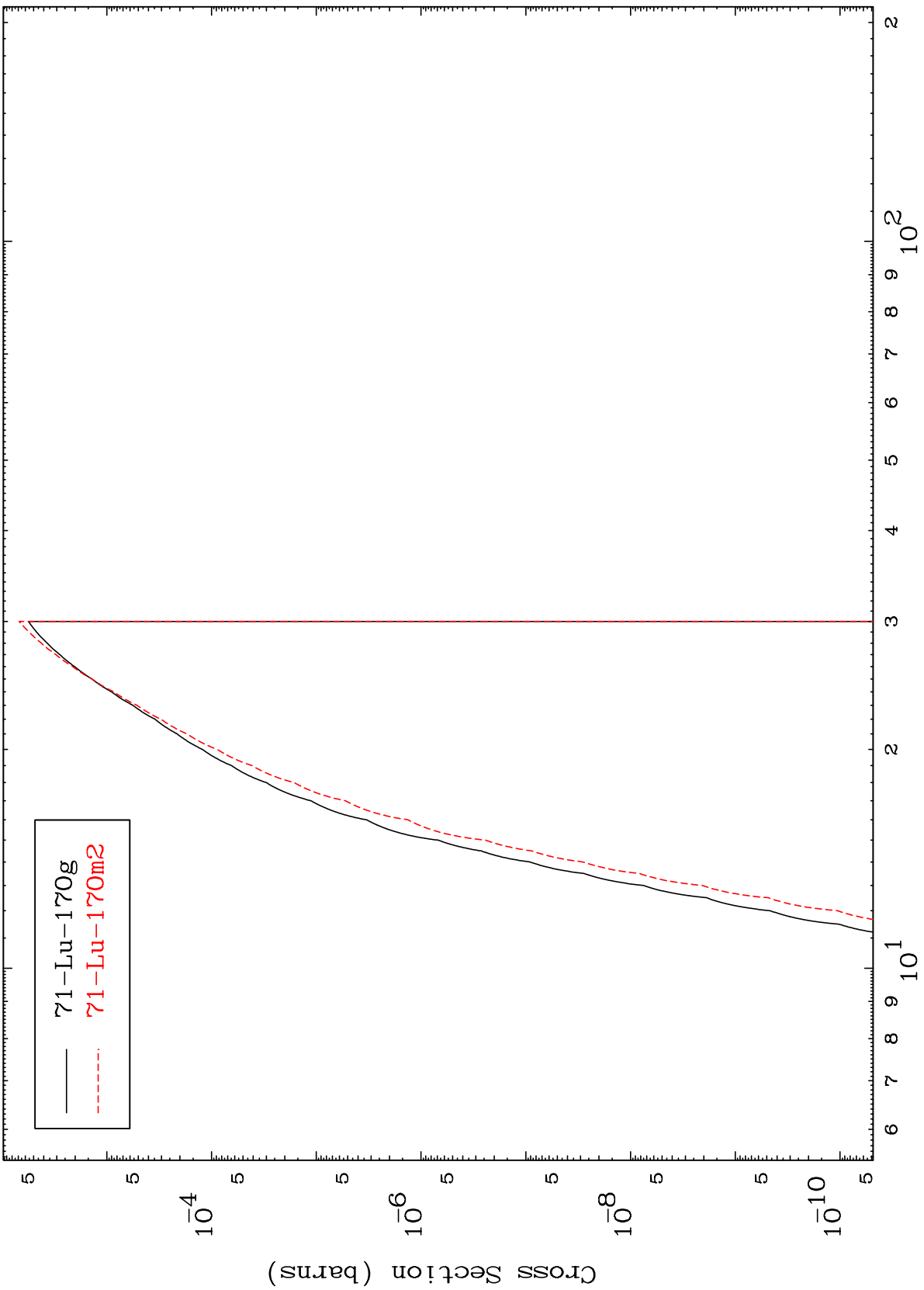
$^{73}\text{Ta-175}$

MAT 7310

$(n, 2n)$ α

$^{73}\text{Ta-175}$

Radionuclide Production Cross Section



100

Incident Energy (MeV)

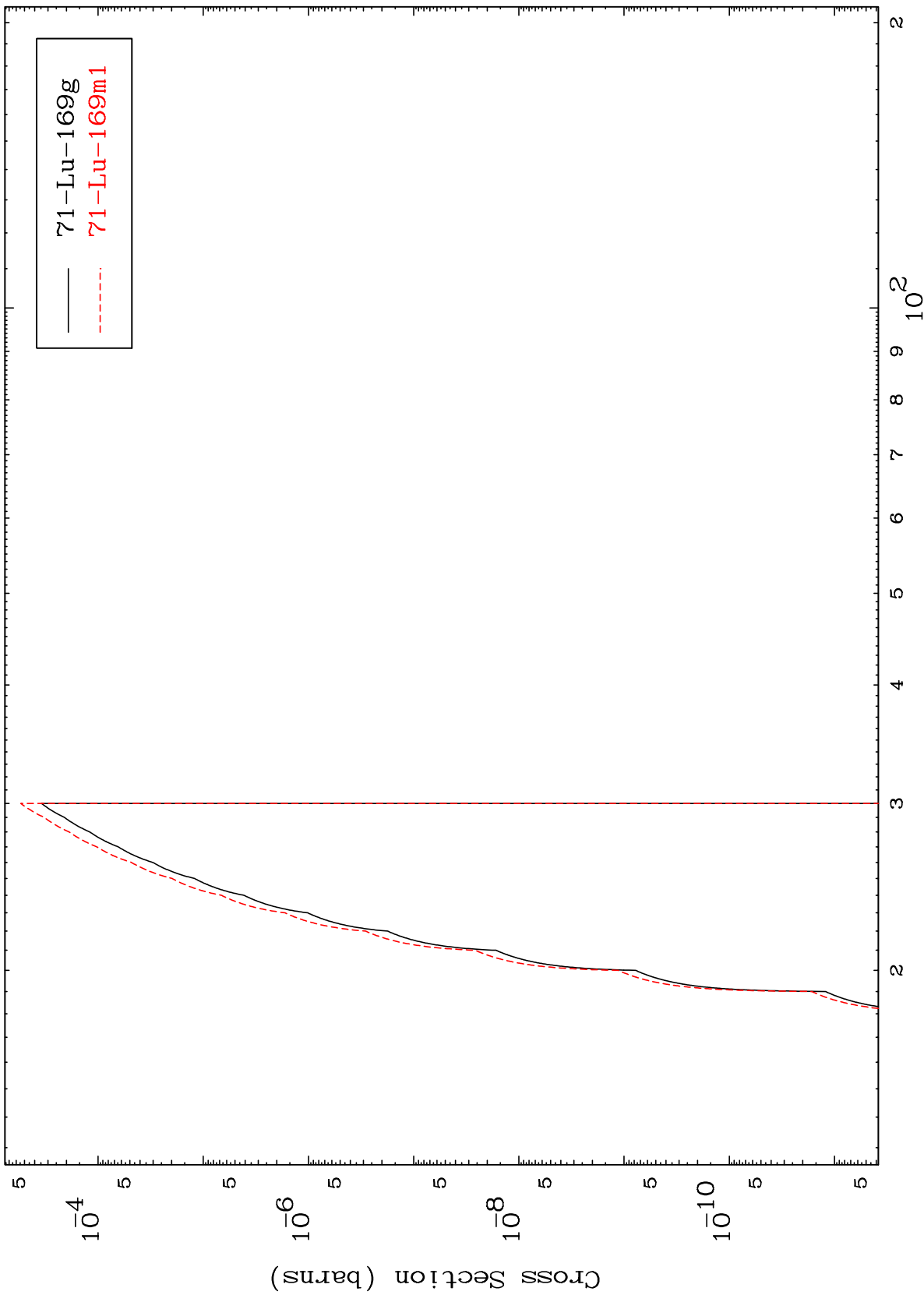
$^{73}\text{Ta-175}$

MAT 7310

$(n,3n) \alpha$

$^{73}\text{Ta-175}$

Radionuclide Production Cross Section



101

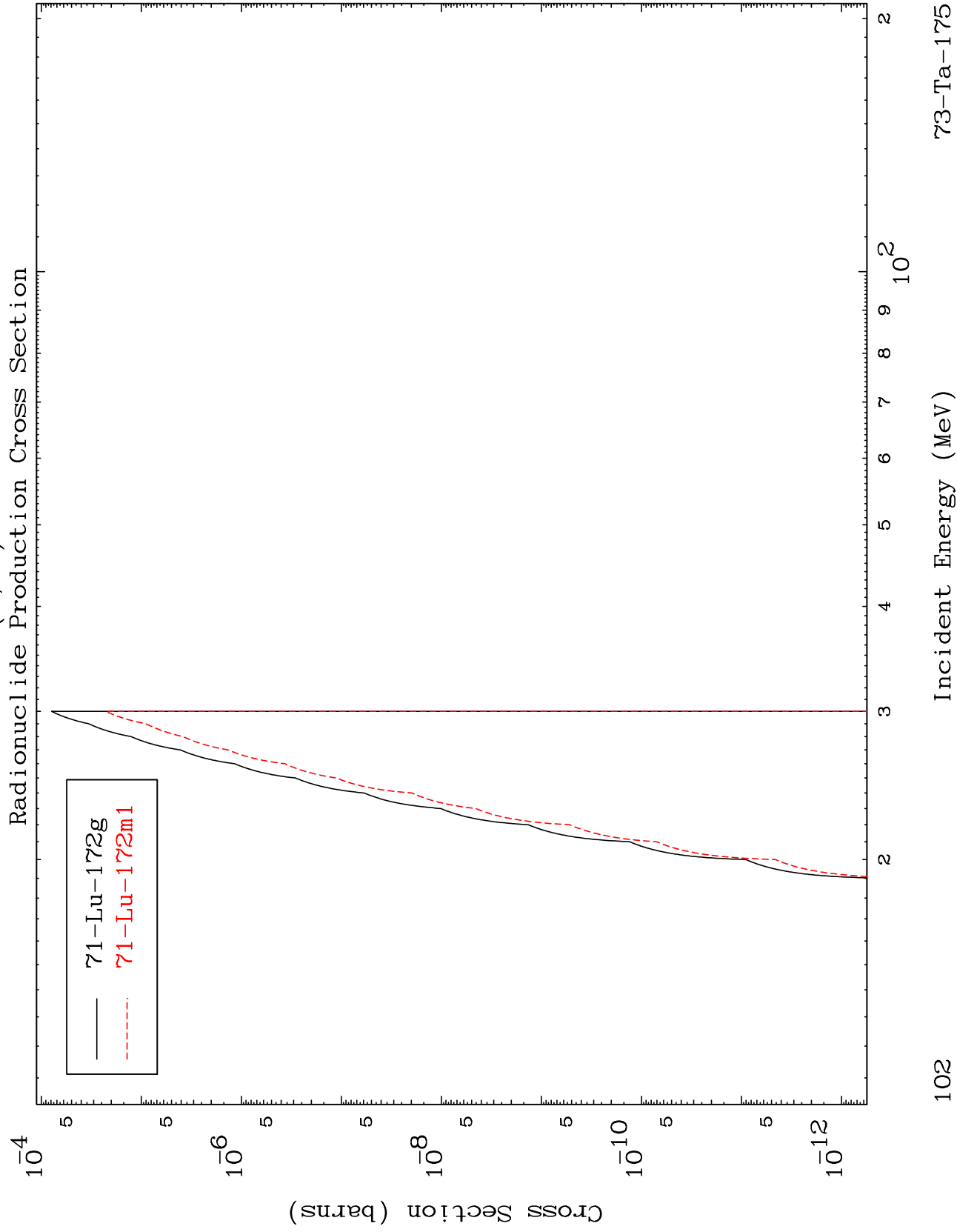
Incident Energy (MeV)

$^{73}\text{Ta-175}$

MAT 7310

(n,n') He-3

73-Ta-175



102

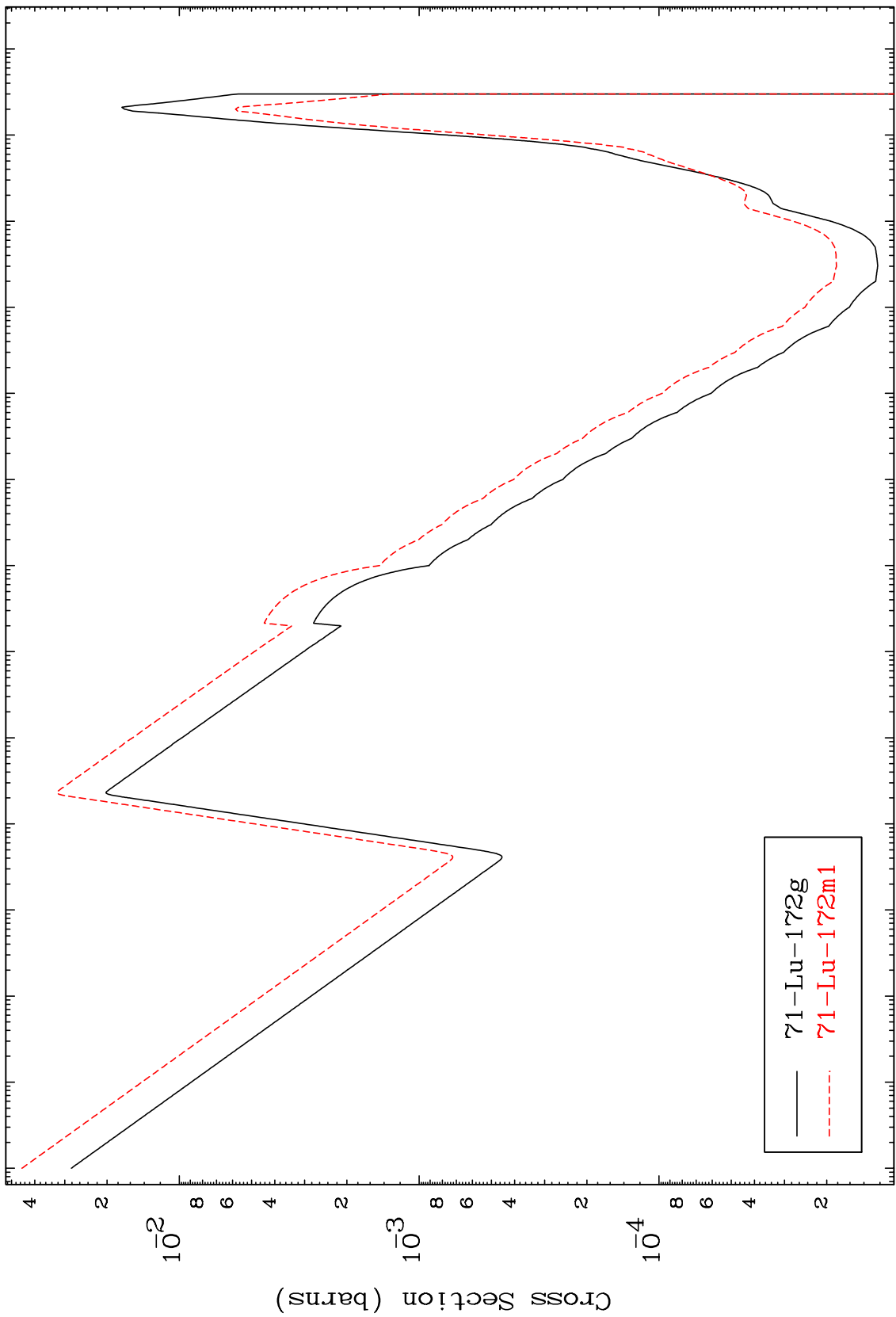
73-Ta-175

MAT 7310

73-Ta-175

Radionuclide Production Cross Section

(n, α)



73-Ta-175

10²

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

Incident Energy (MeV)

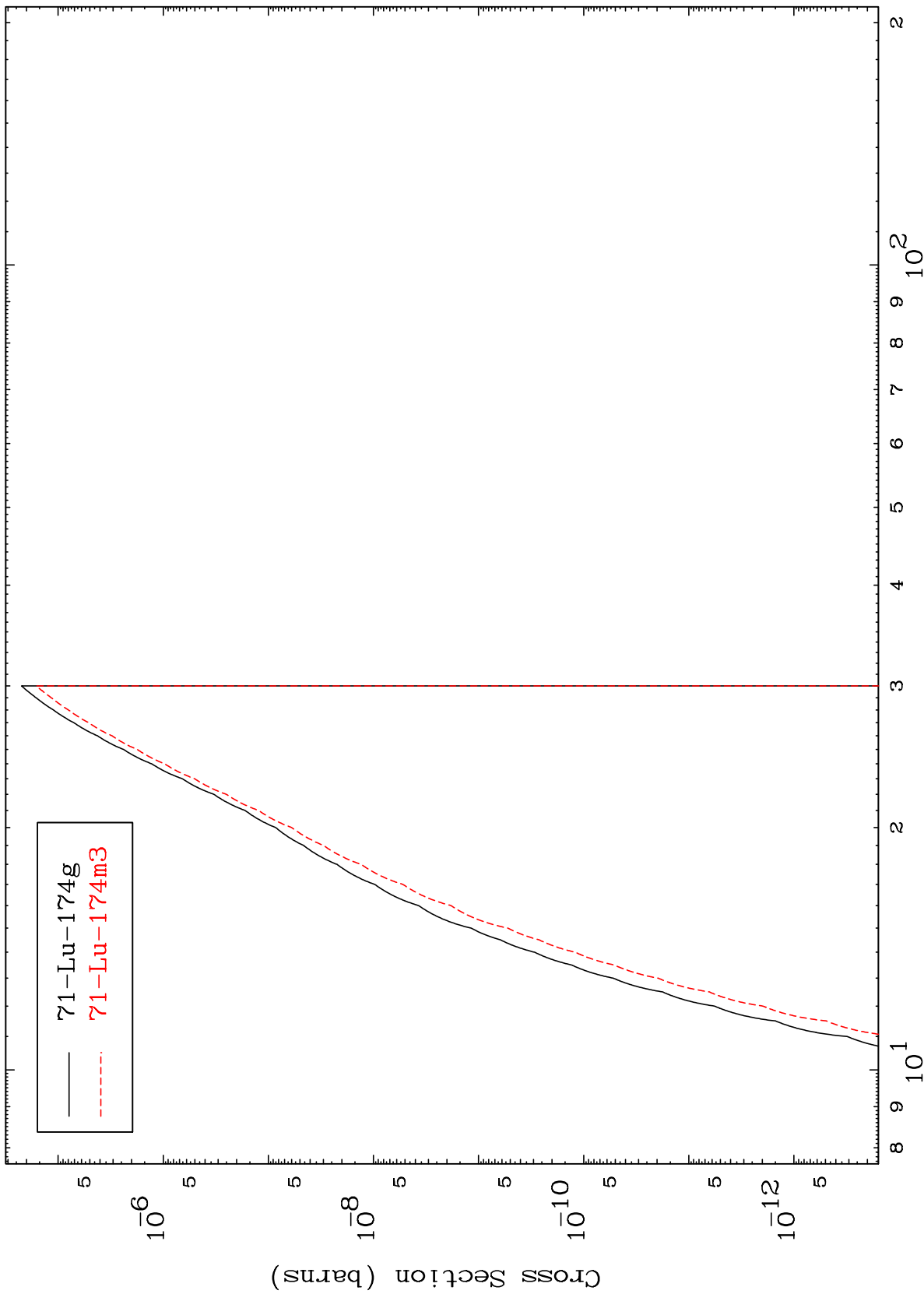
73-Ta-175

103

MAT 7310

73-Ta-175

(n,2p)
Radionuclide Production Cross Section



104

Incident Energy (MeV)

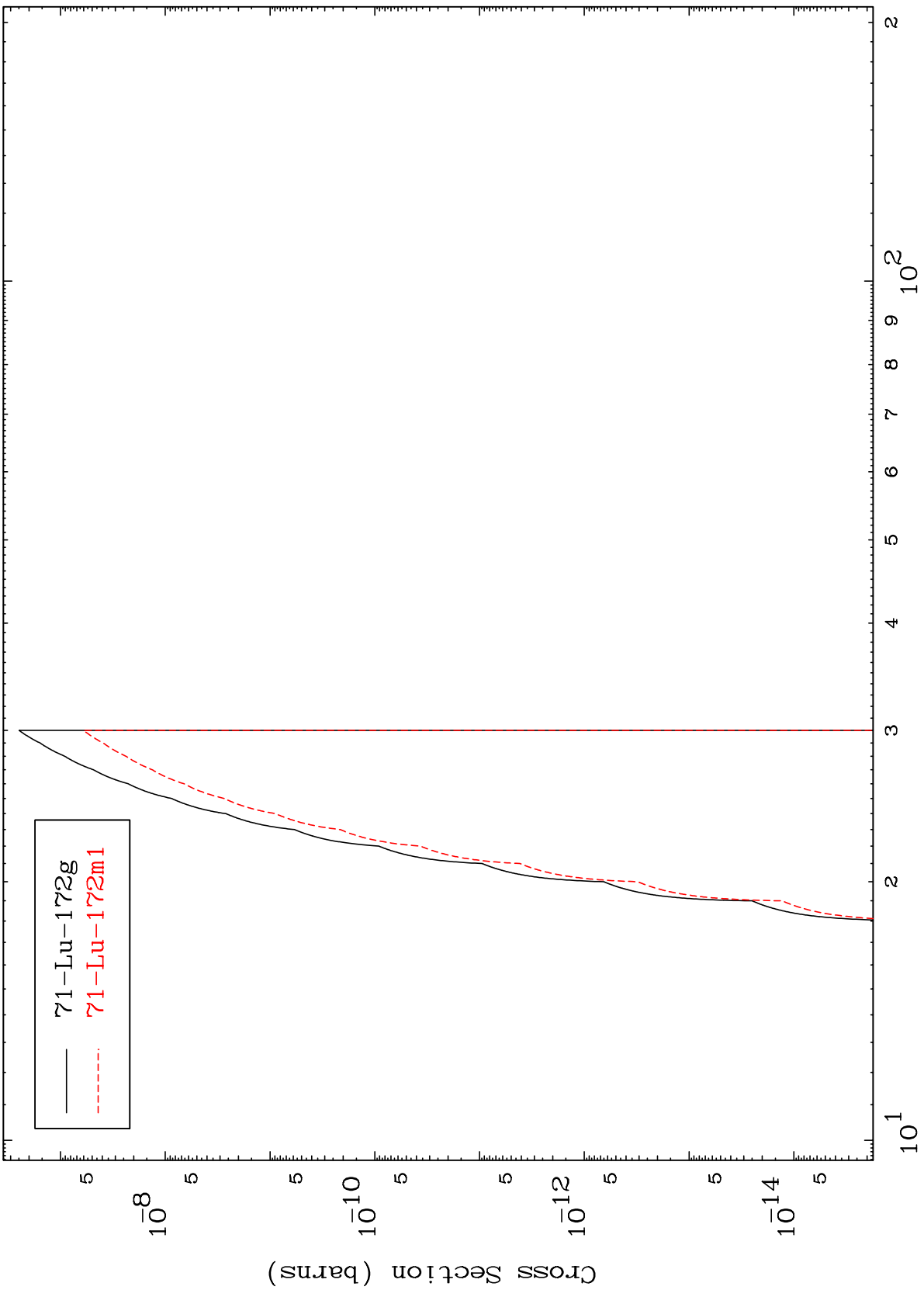
73-Ta-175

MAT 7310

(n,p) t

73-Ta-175

Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-175

105