

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

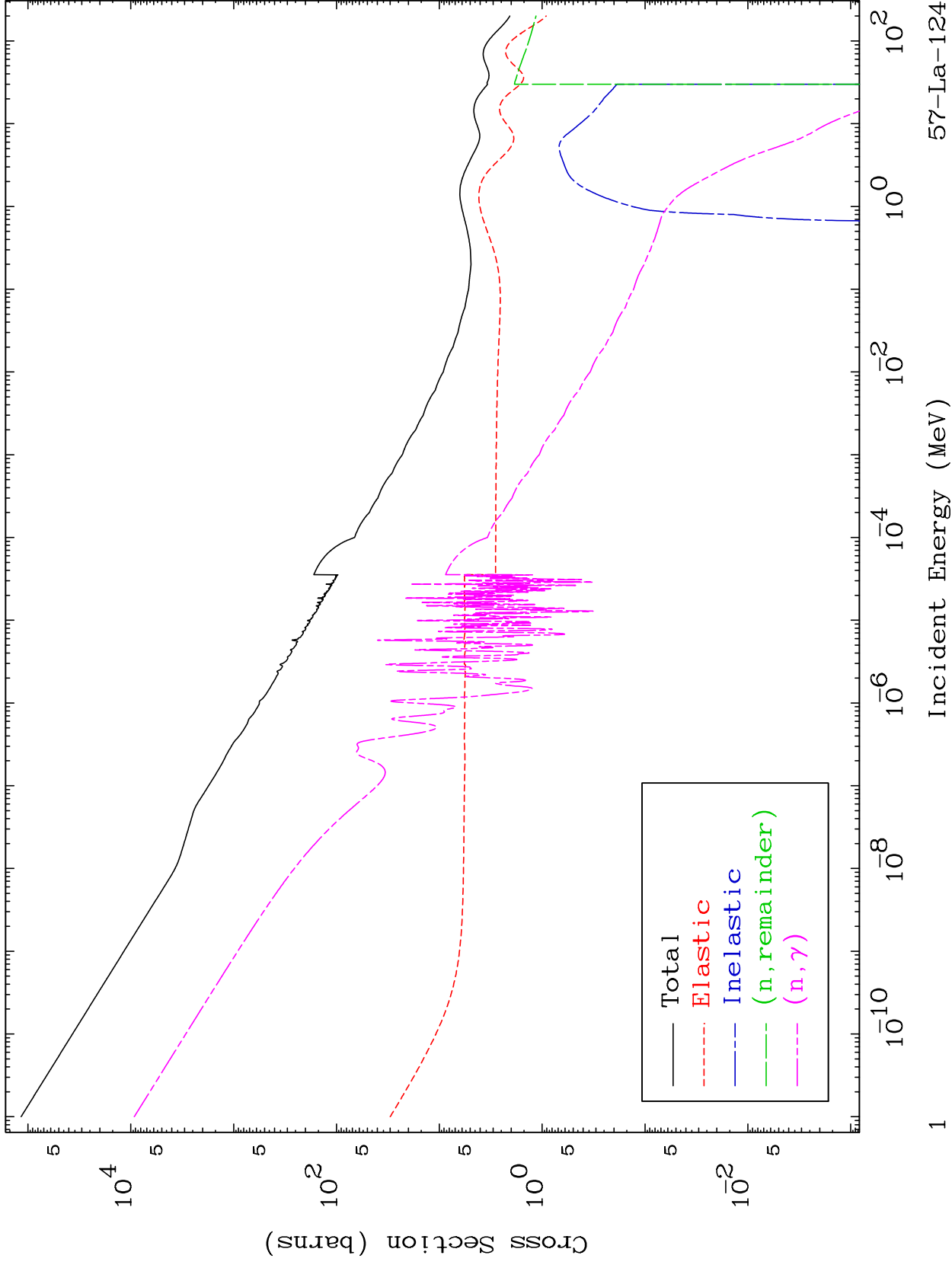
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5683

Major
293 Kelvin Cross Sections

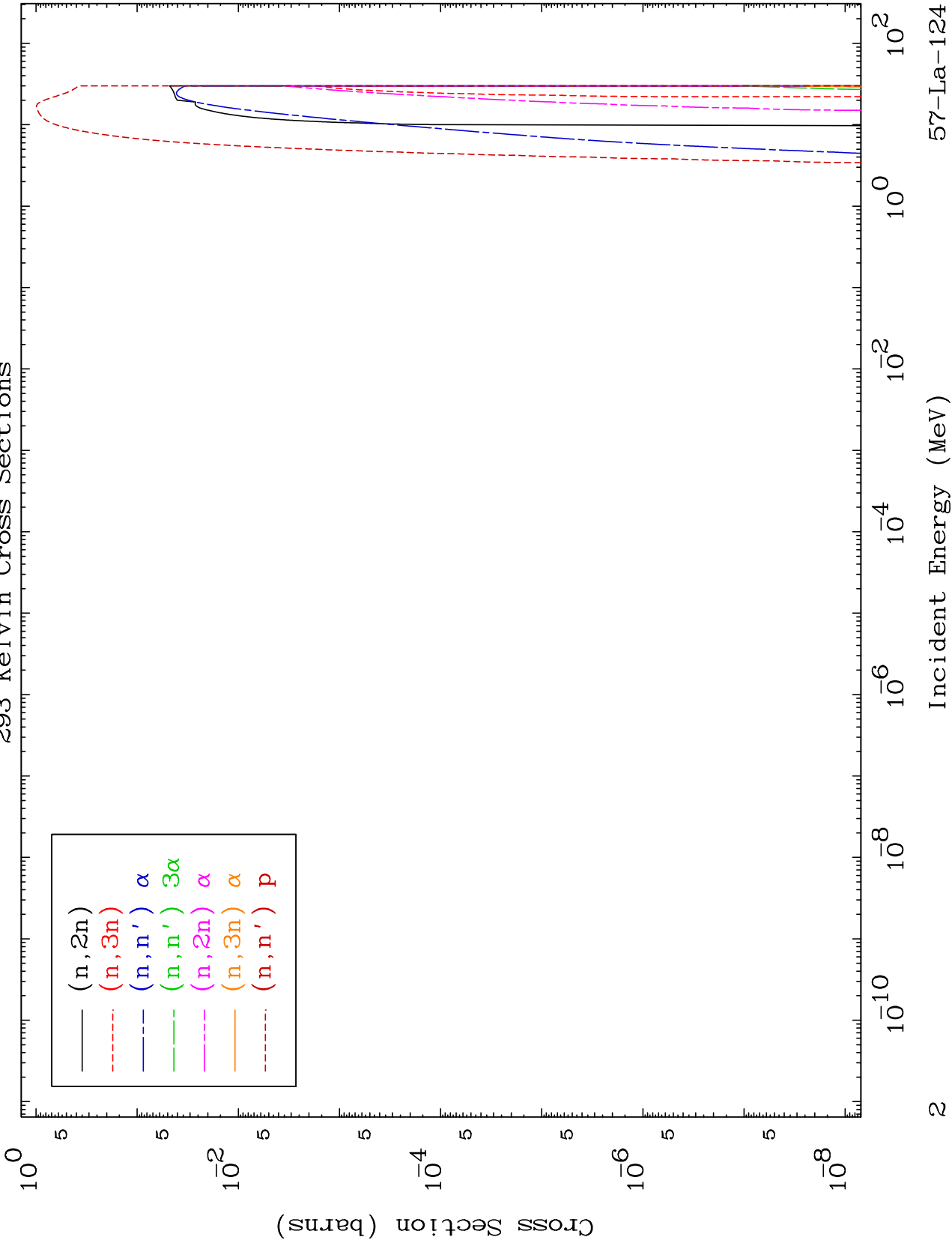
57-La-124



MAT 5683

Neutron Production
293 Kelvin Cross Sections

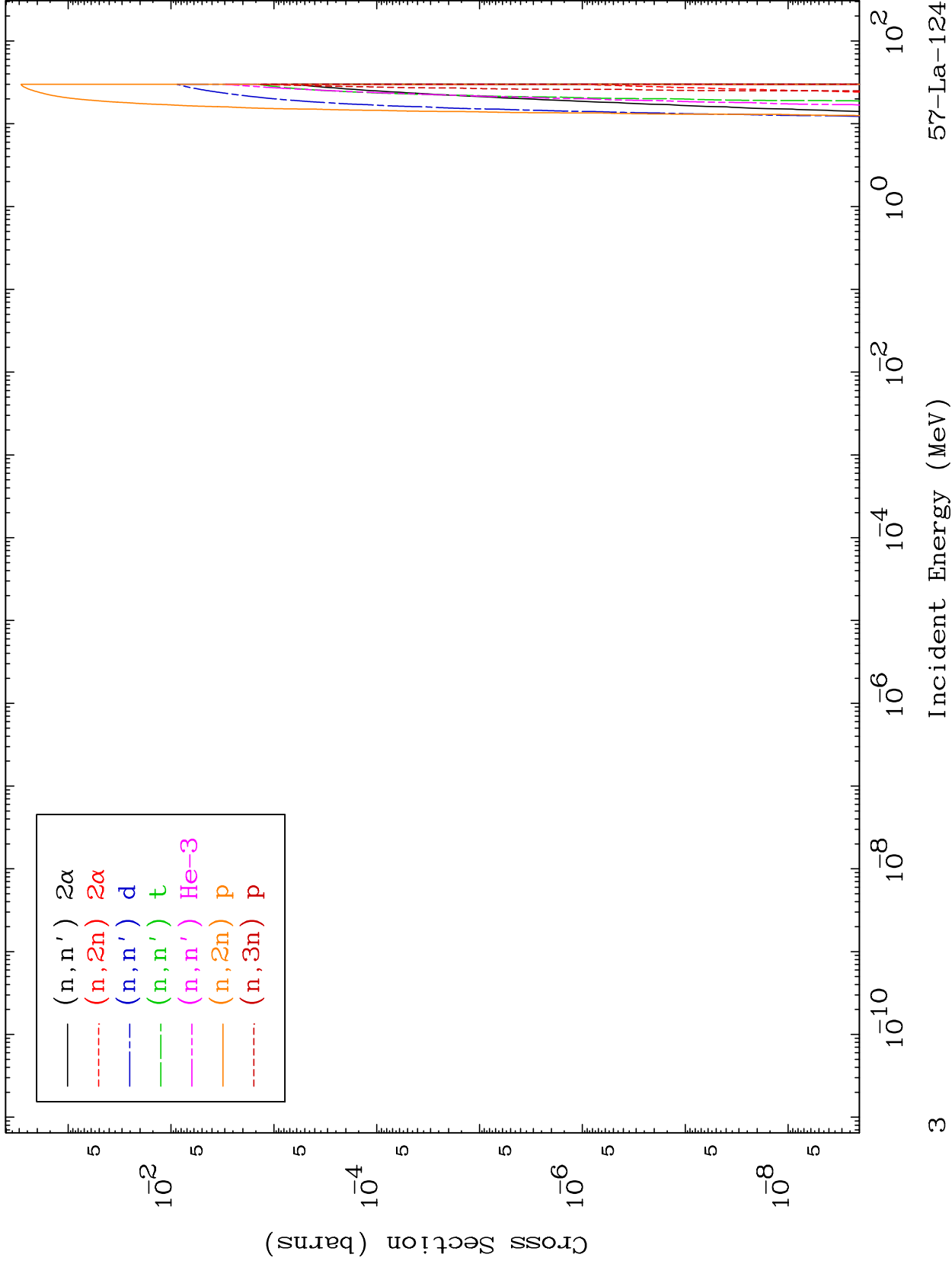
57-La-124



MAT 5683

Neutron Production
293 Kelvin Cross Sections

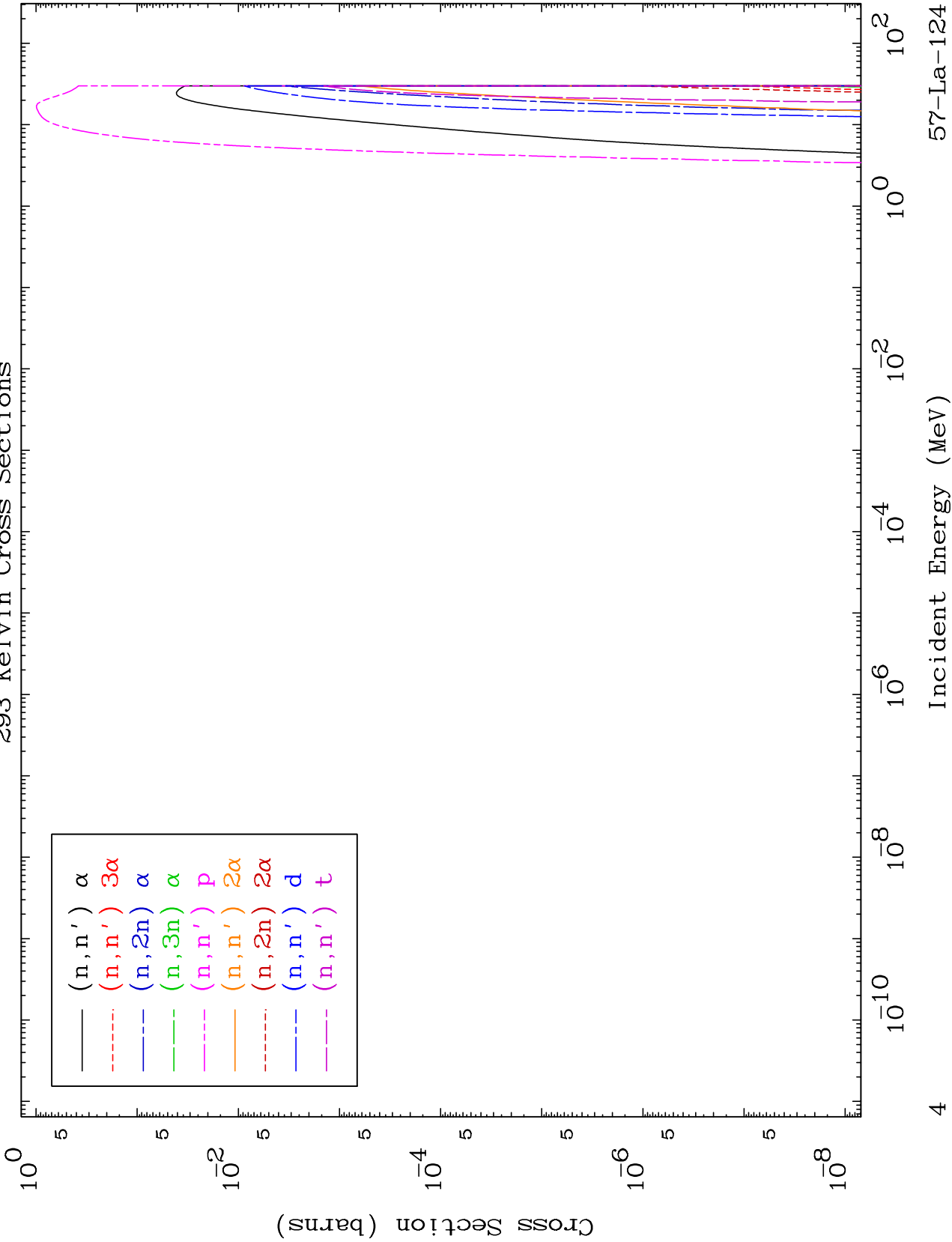
57-La-124



MAT 5683

Charged Particle
293 Kelvin Cross Sections

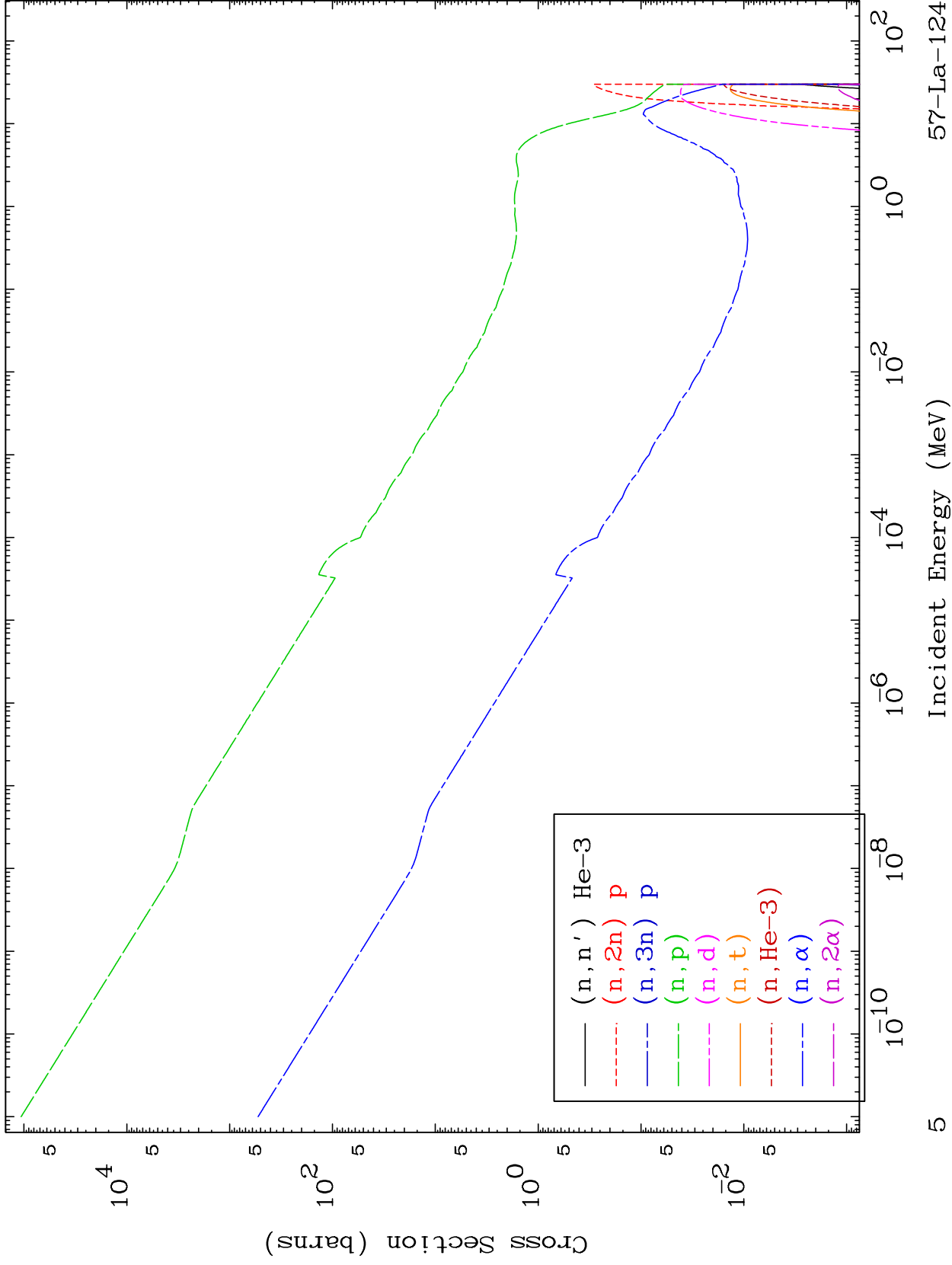
57-La-124



MAT 5683

Charged Particle
293 Kelvin Cross Sections

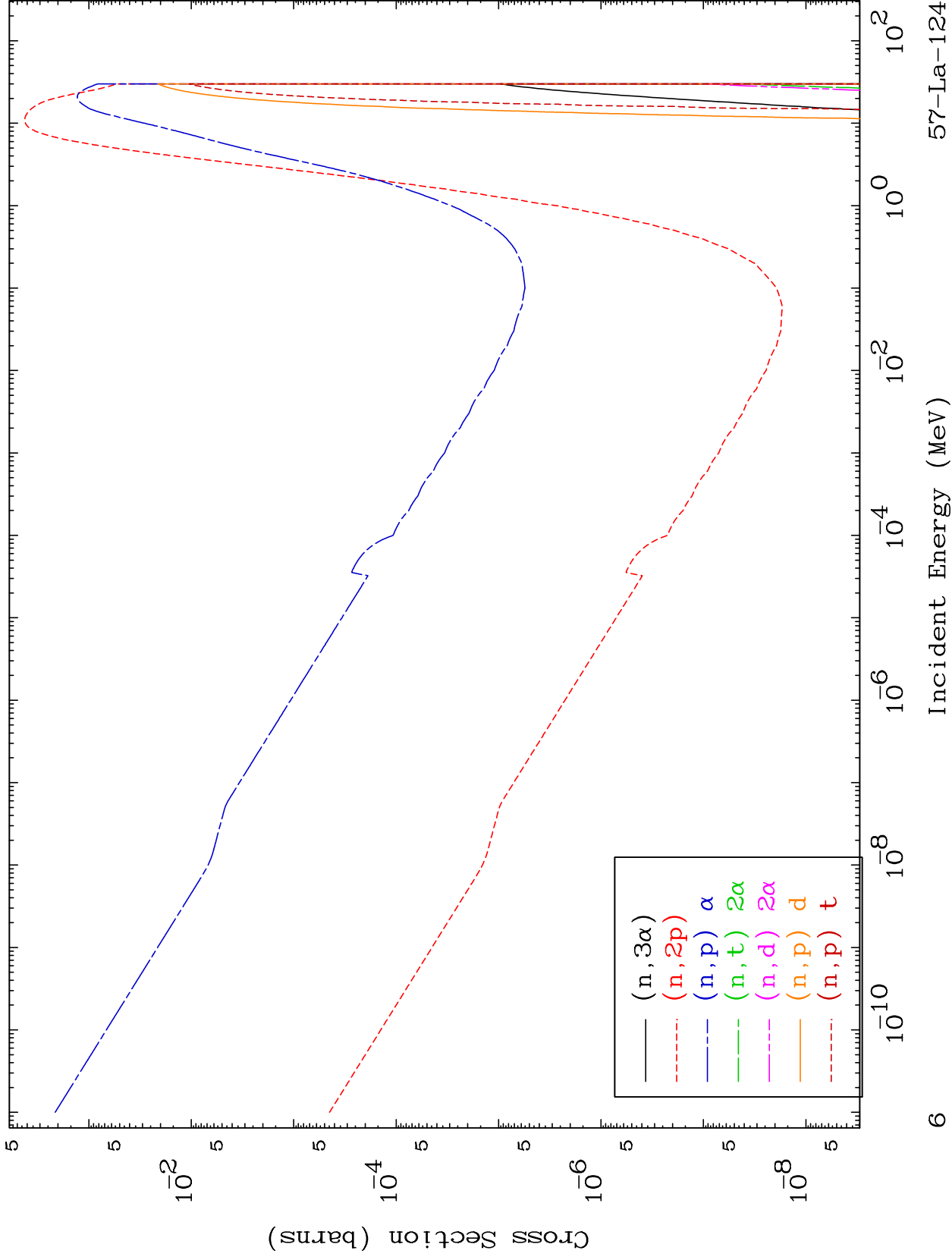
57-La-124



MAT 5683

Charged Particle
293 Kelvin Cross Sections

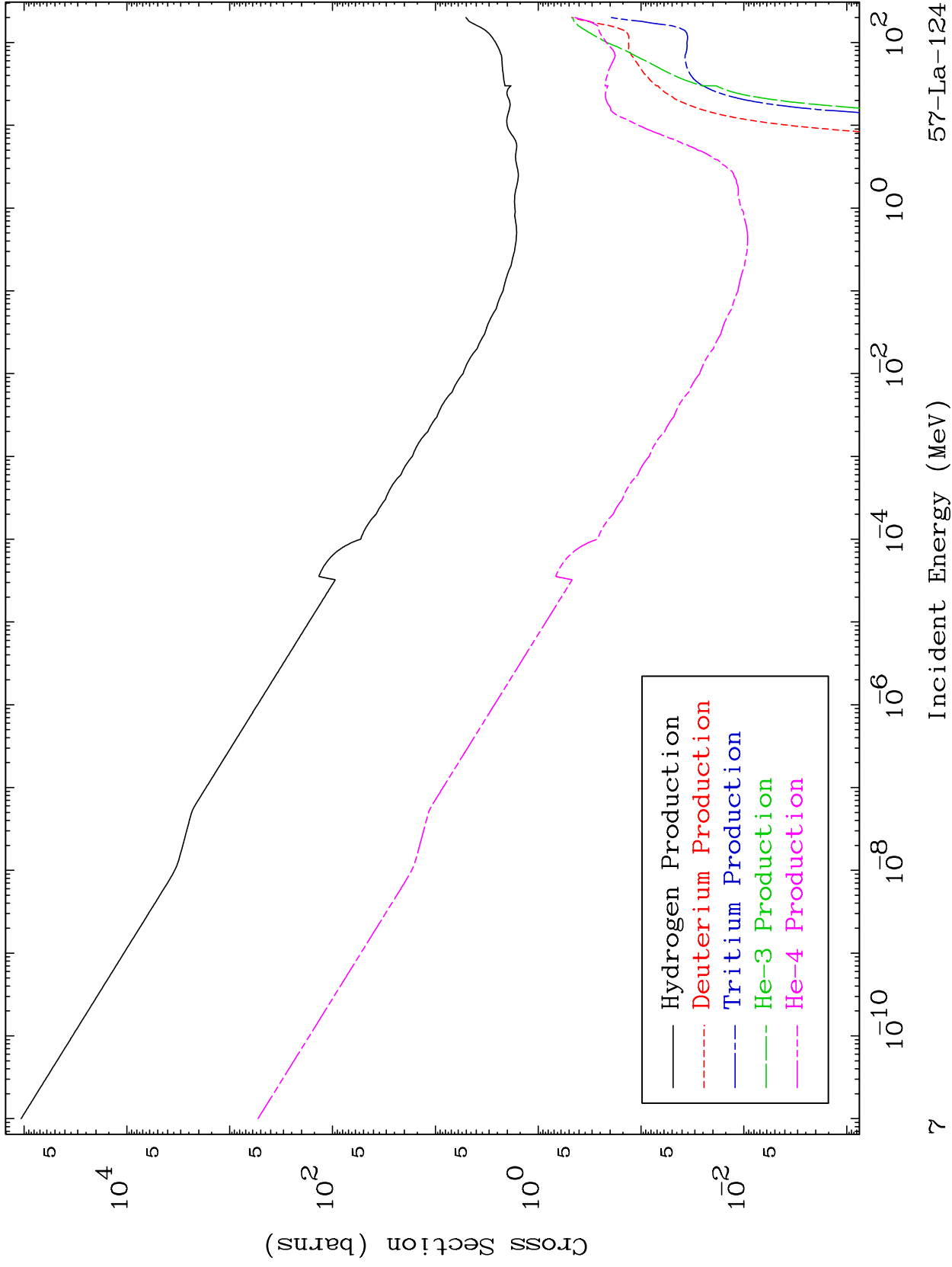
57-La-124



MAT 5683

Particle Production
293 Kelvin Cross Sections

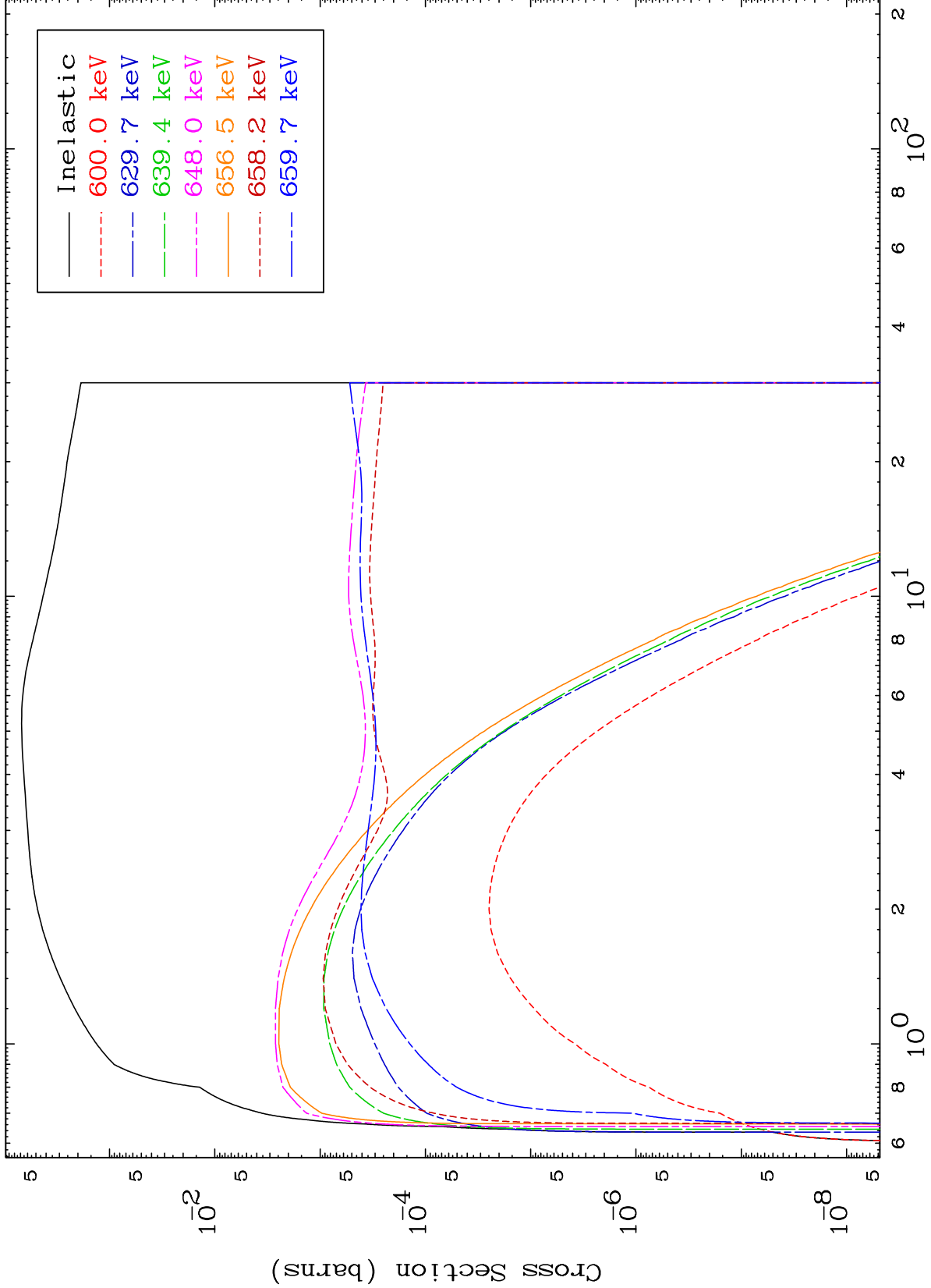
57-La-124



MAT 5683

(n,n') Level
293 Kelvin Cross Sections

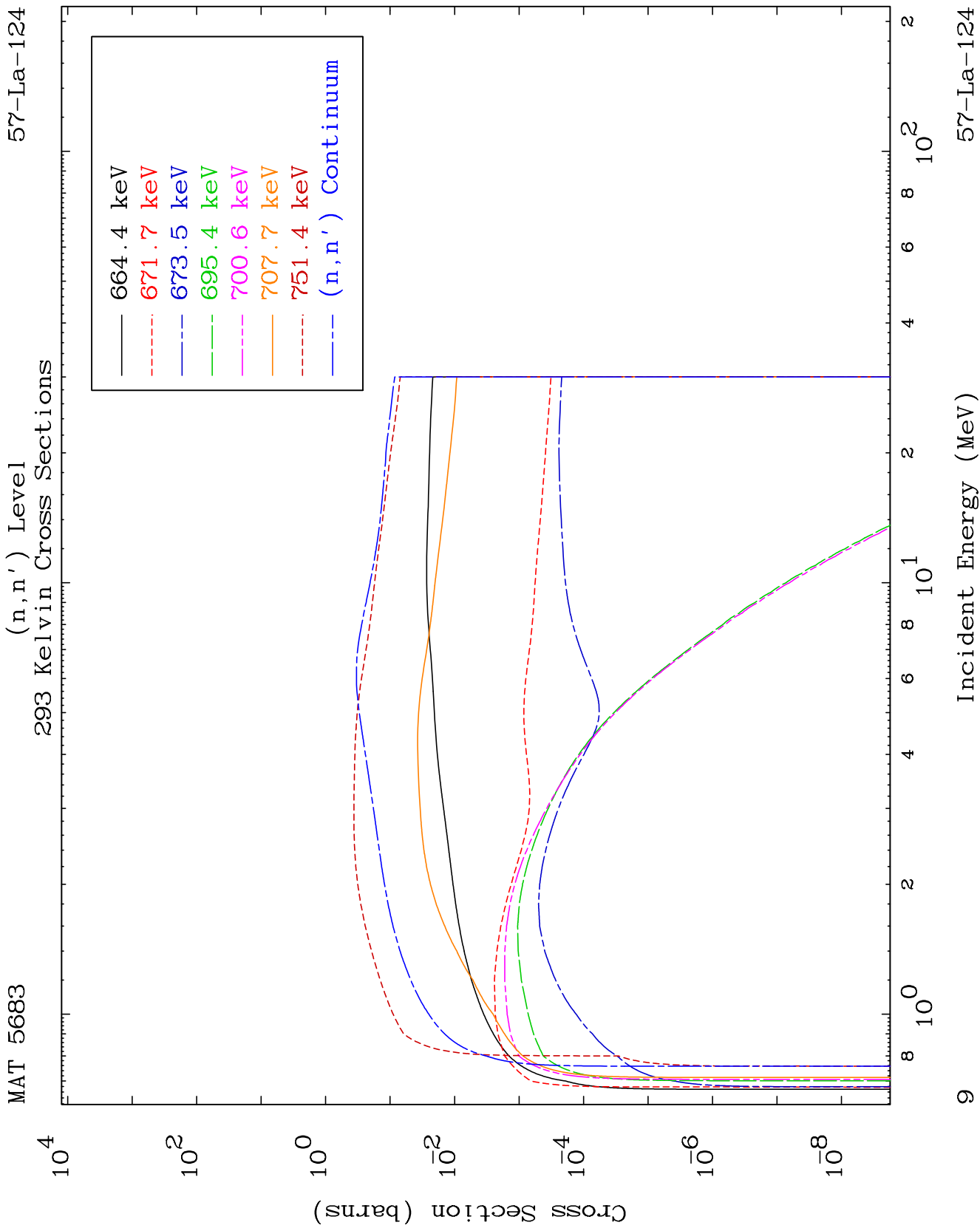
57-La-124



8

Incident Energy (MeV)

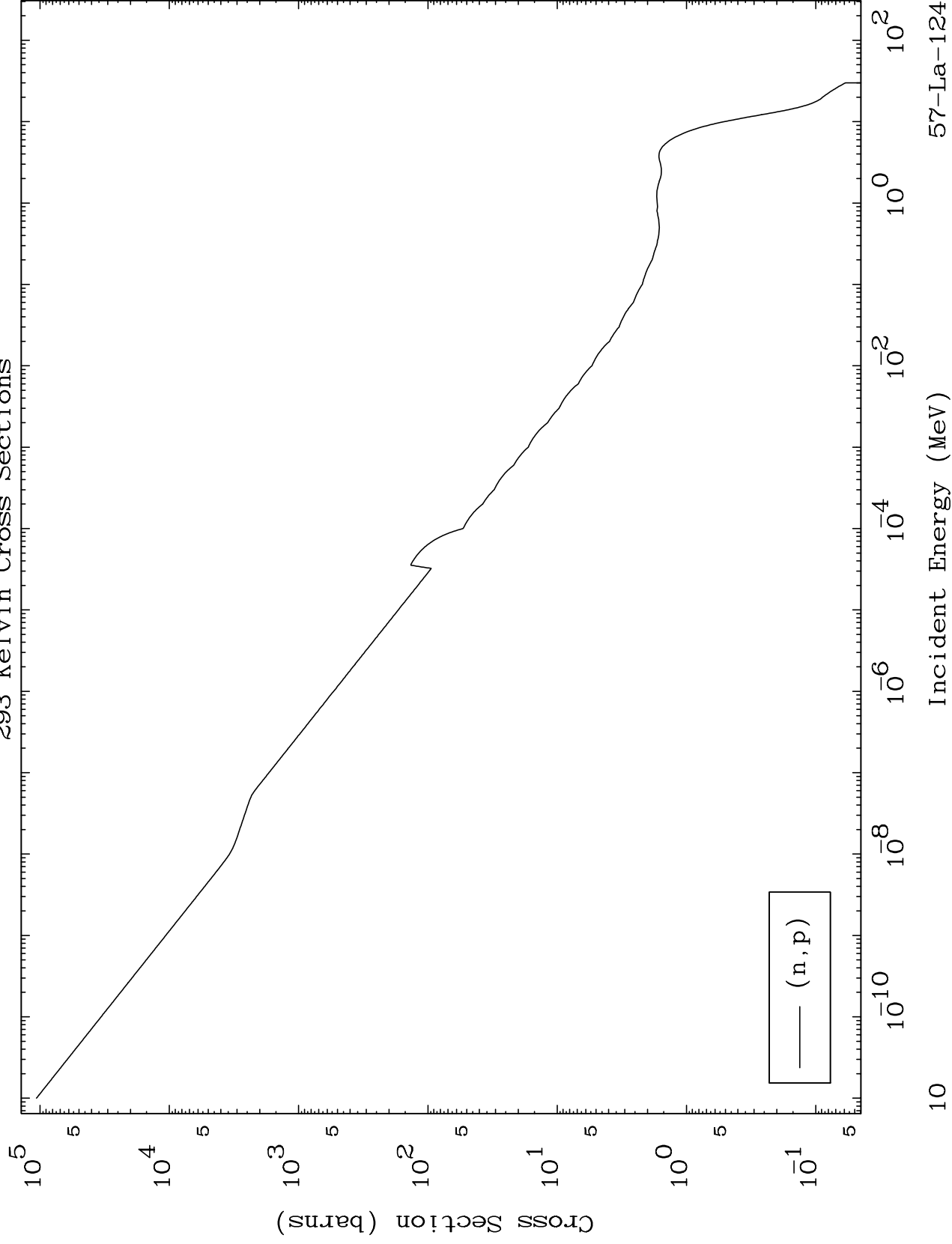
57-La-124



MAT 5683

(n,p) Levels
293 Kelvin Cross Sections

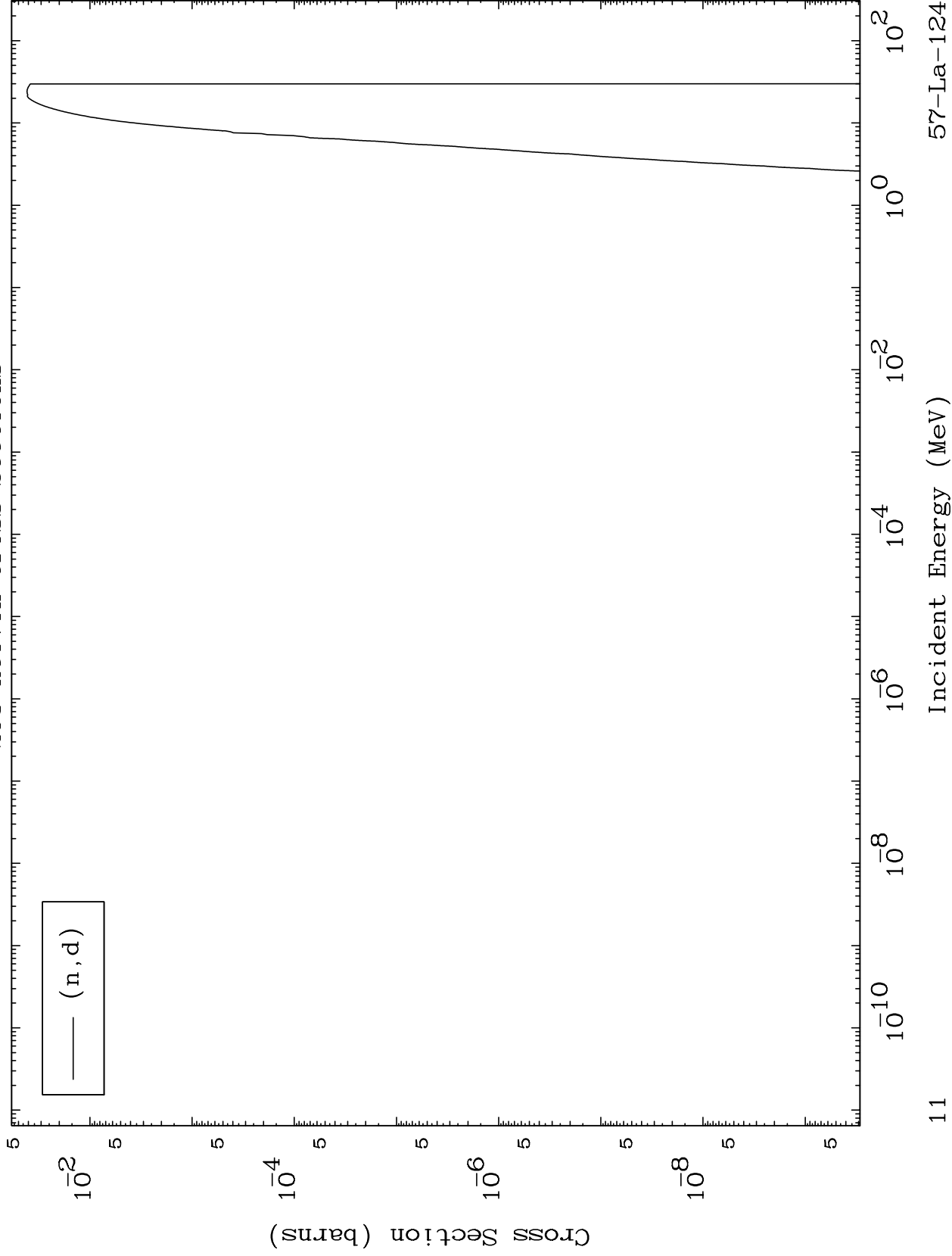
57-La-124



MAT 5683

(n,d) Levels
293 Kelvin Cross Sections

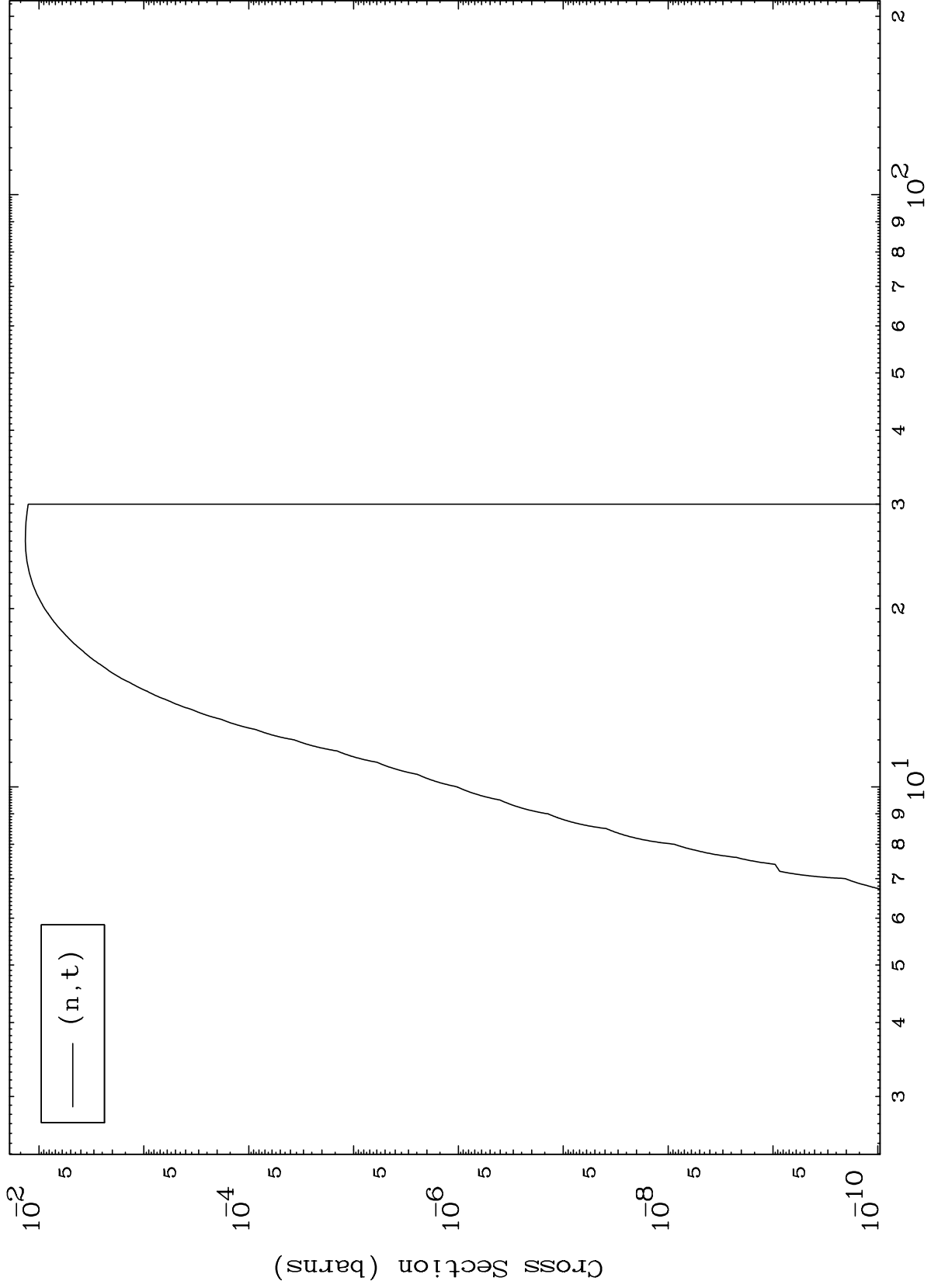
57-La-124



MAT 5683

(n,t) Levels
293 Kelvin Cross Sections

57-La-124



12

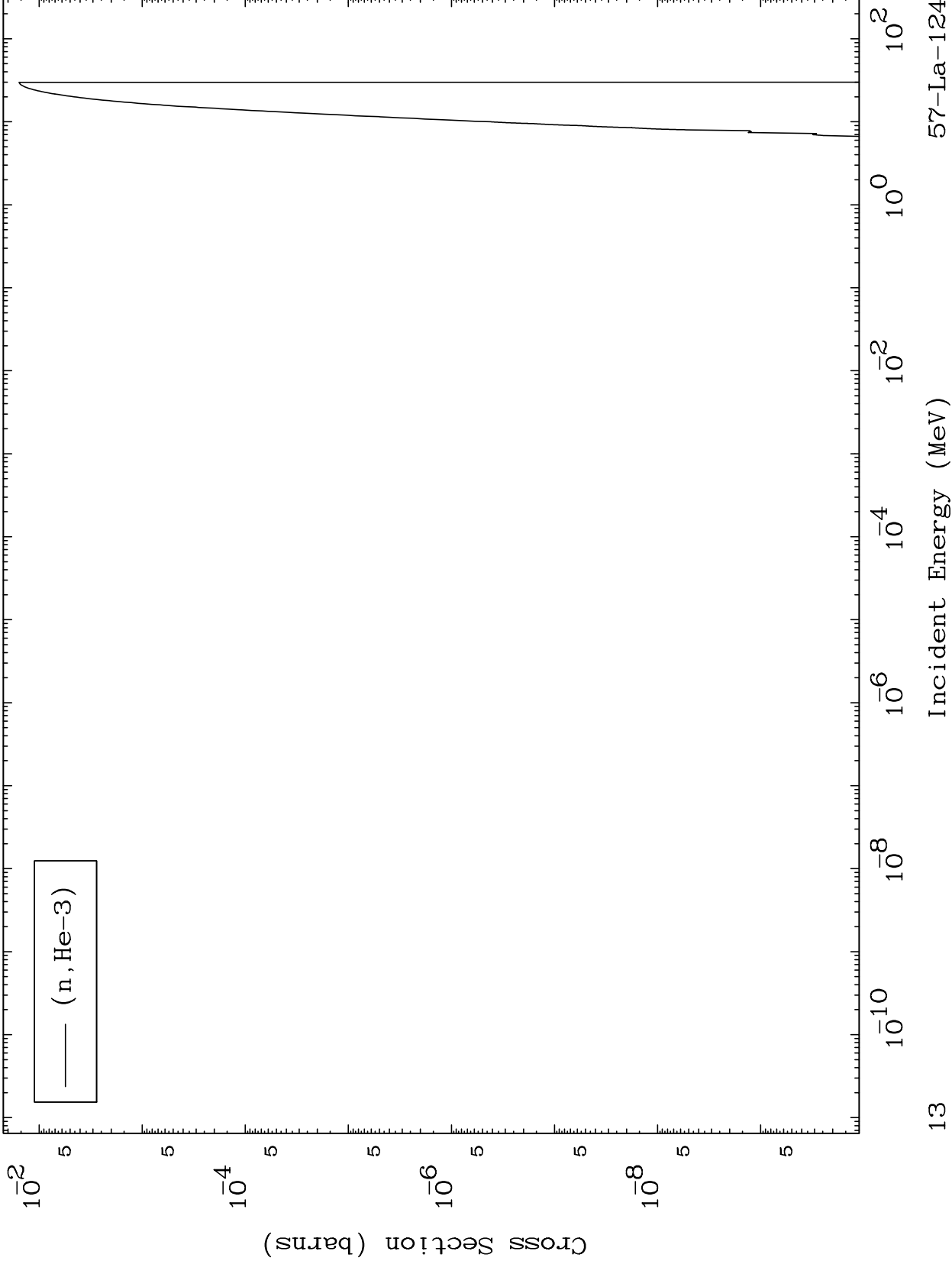
Incident Energy (MeV)

57-La-124

MAT 5683

(n,He3) Levels
293 Kelvin Cross Sections

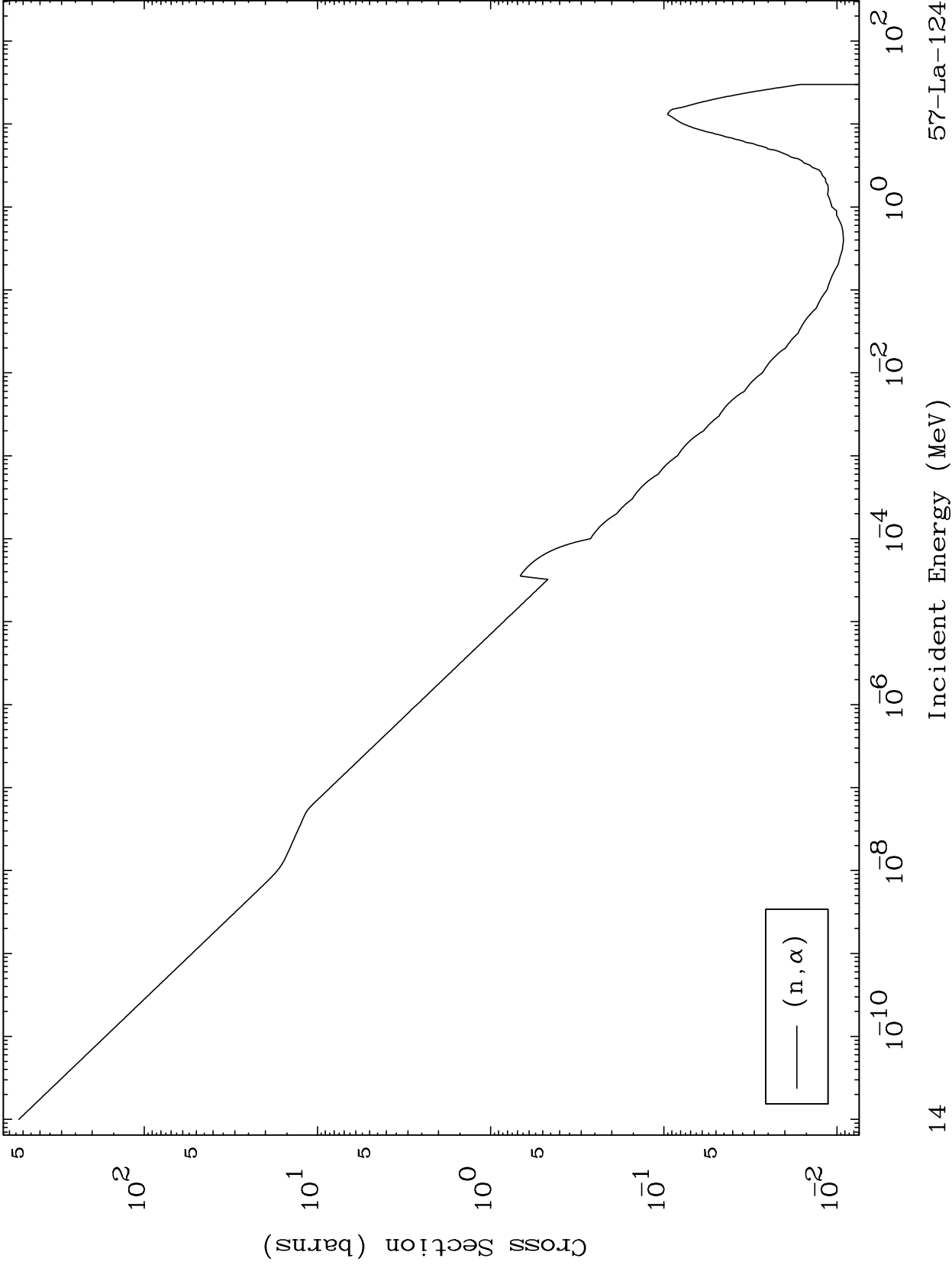
57-La-124

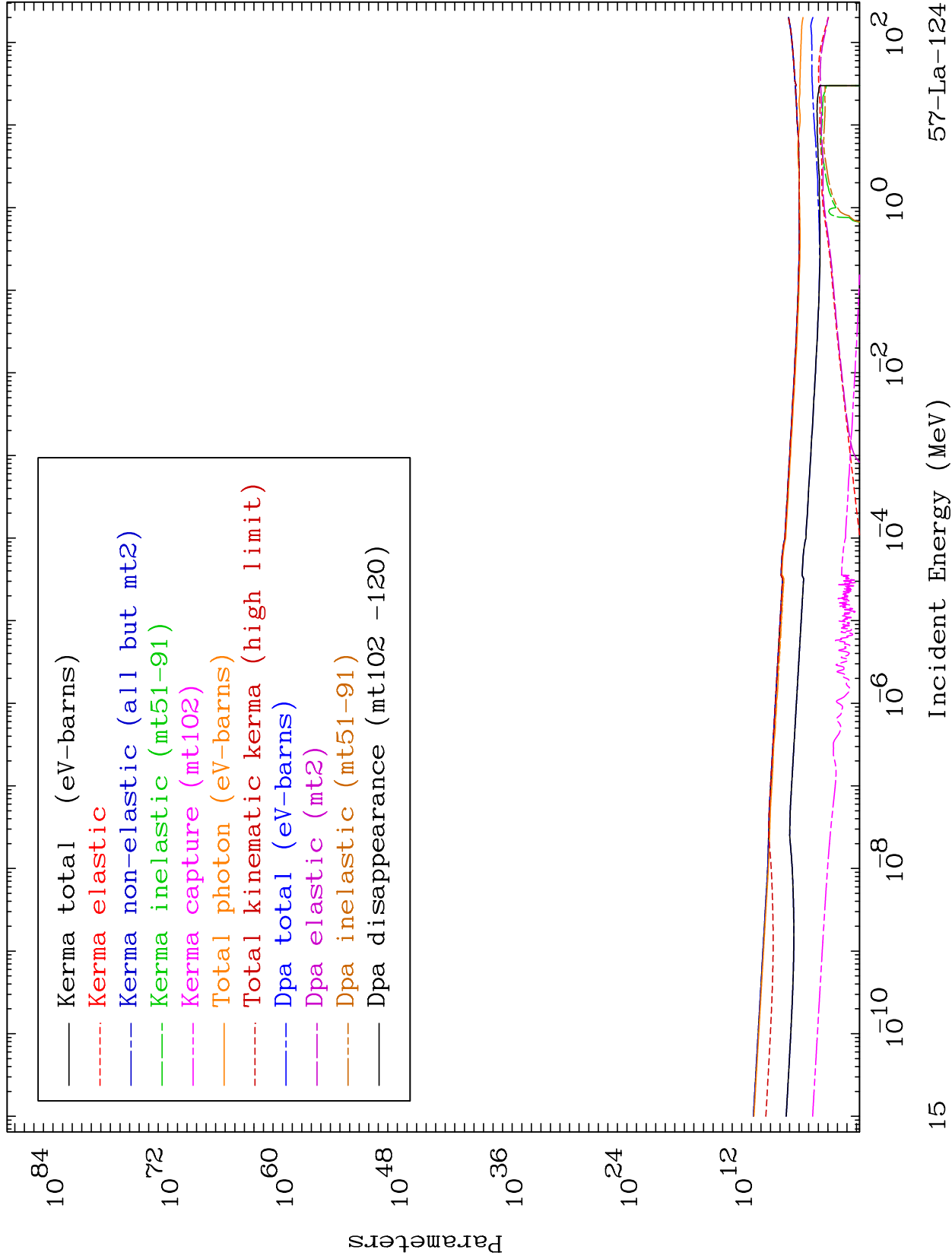


MAT 5683

(n,α) Levels
293 Kelvin Cross Sections

57-La-124

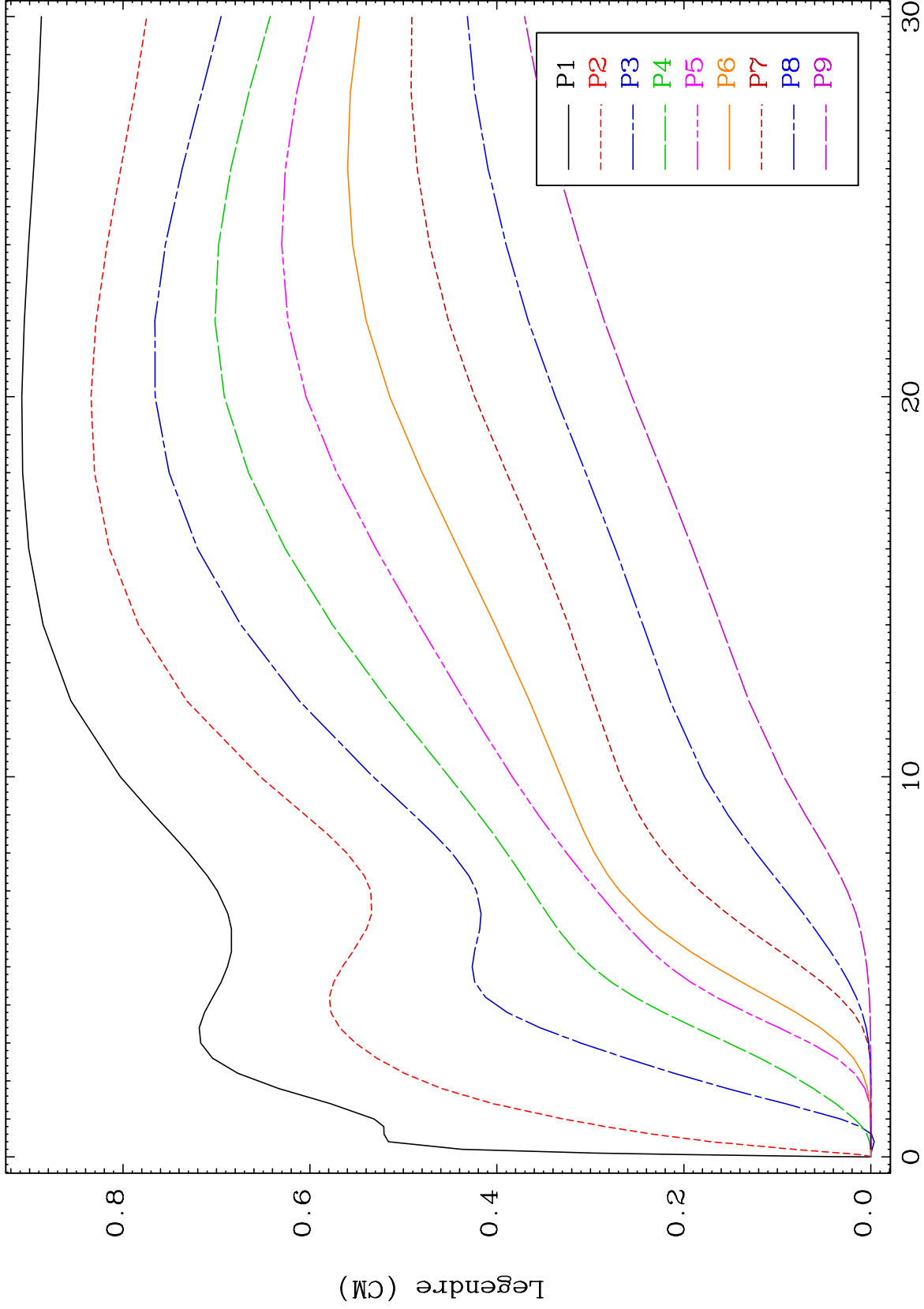




MAT 5683

Elastic Legendre Coefficients

57-La-124



16

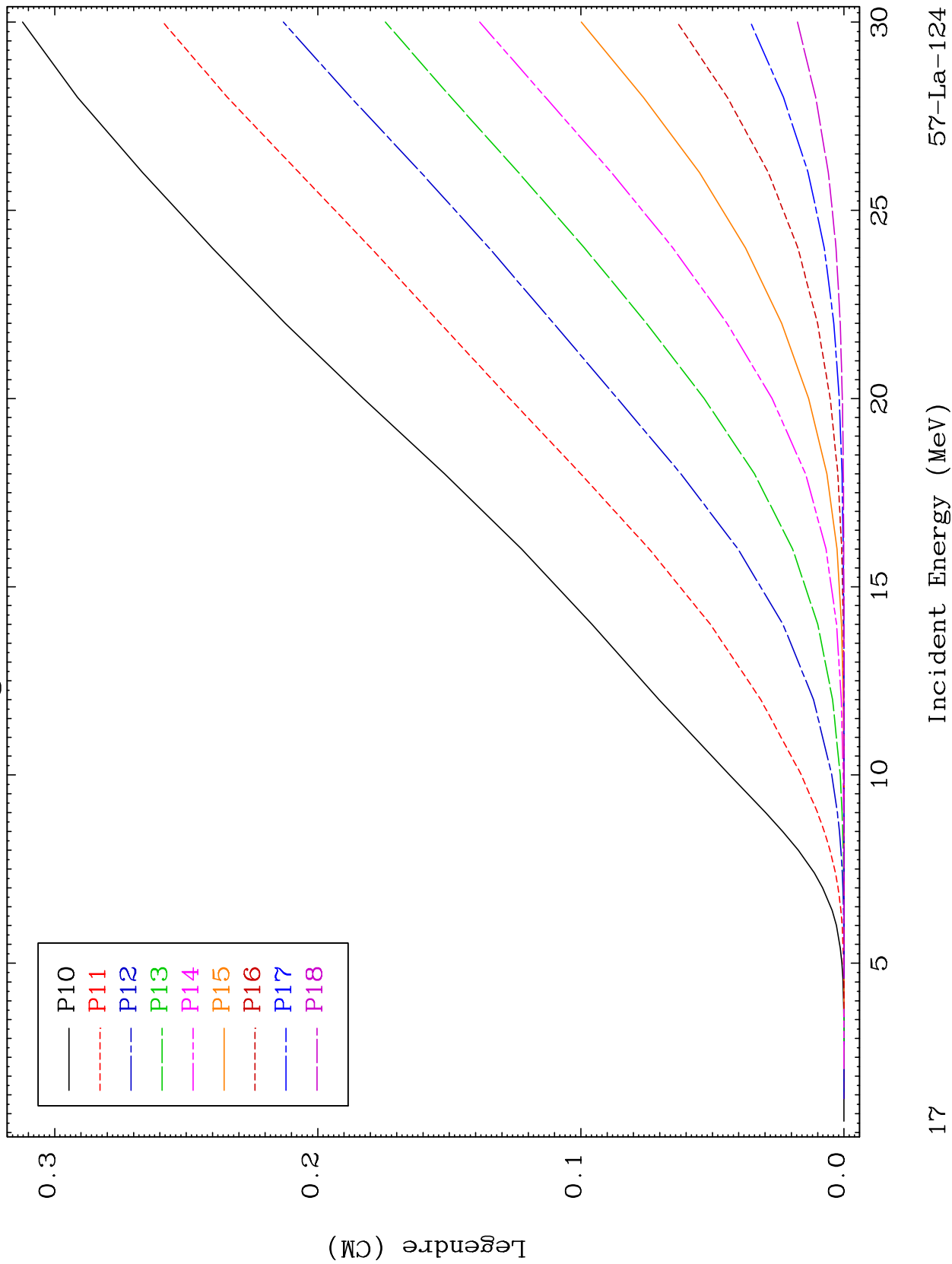
Incident Energy (MeV)

57-La-124

MAT 5683

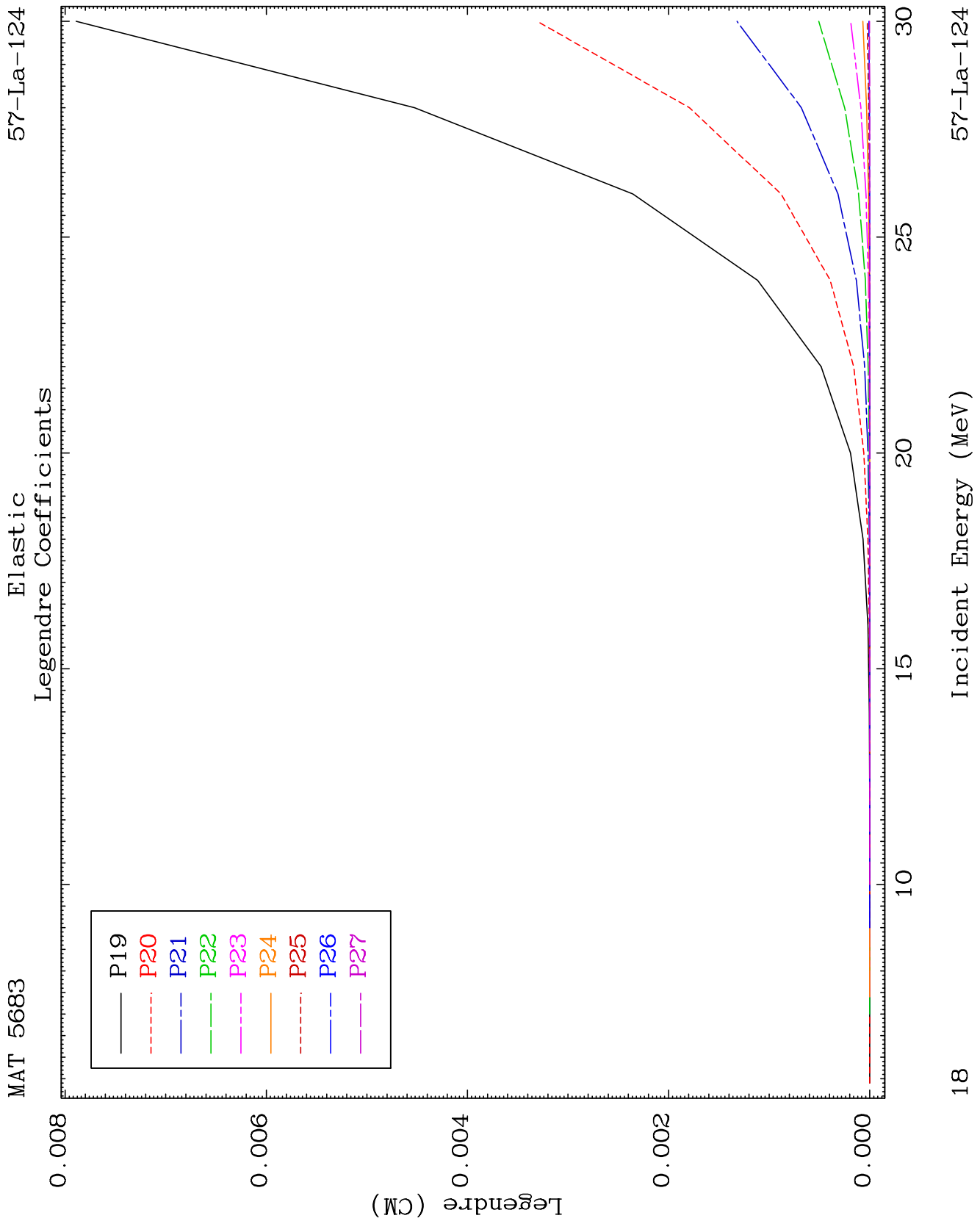
Elastic Legendre Coefficients

57-La-124



17

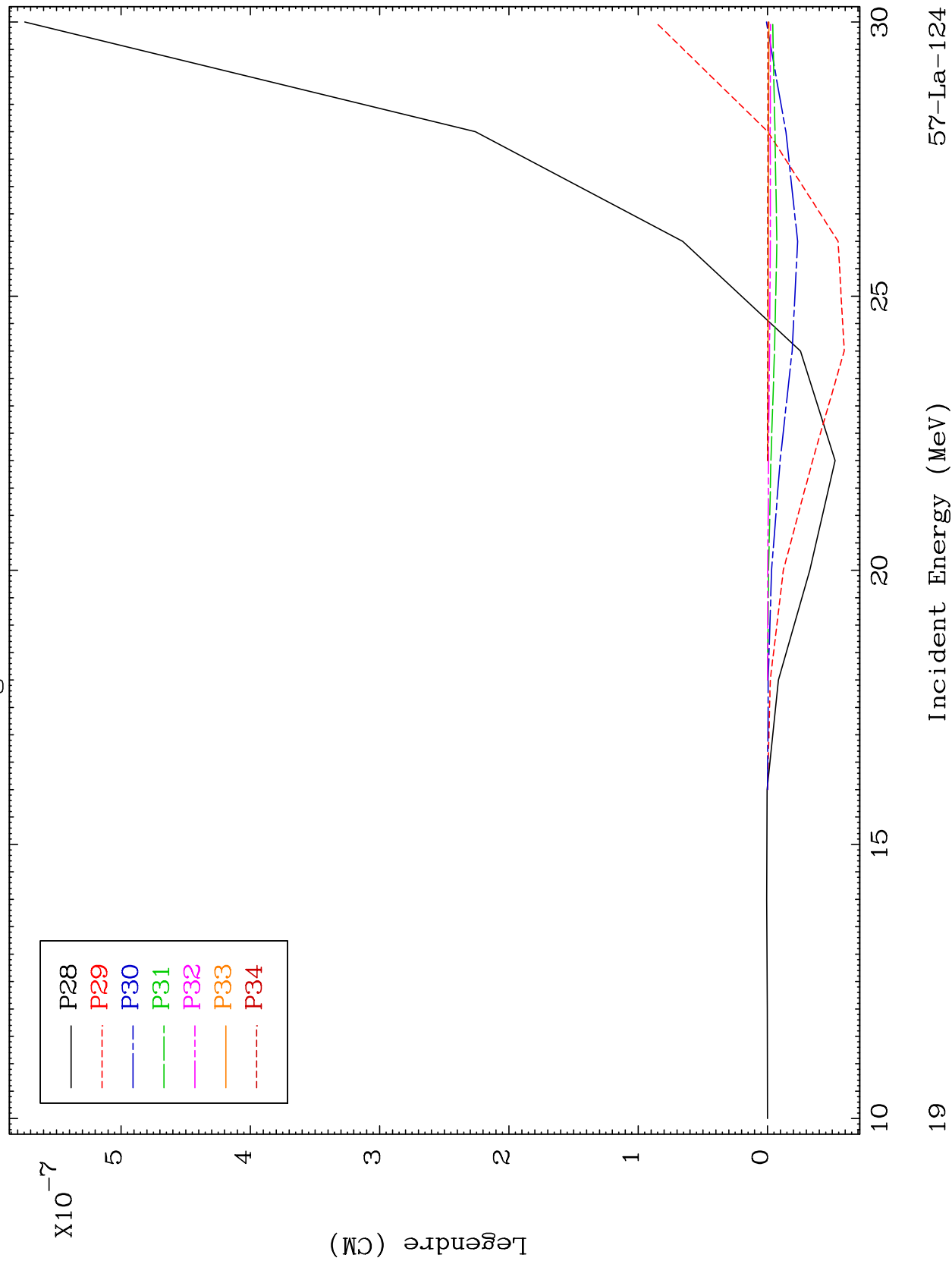
57-La-124



MAT 5683

Elastic Legendre Coefficients

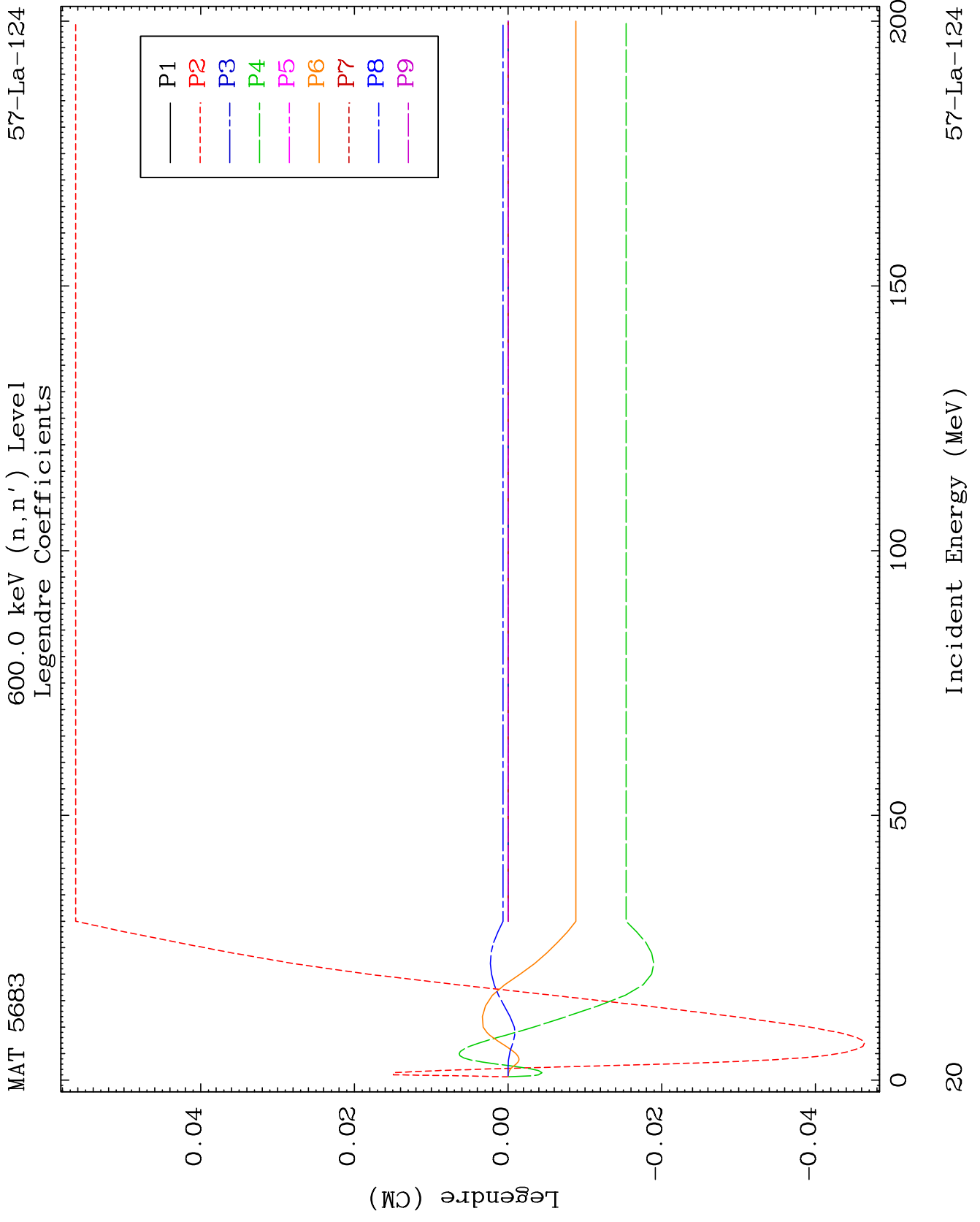
57-La-124



19

Incident Energy (MeV)

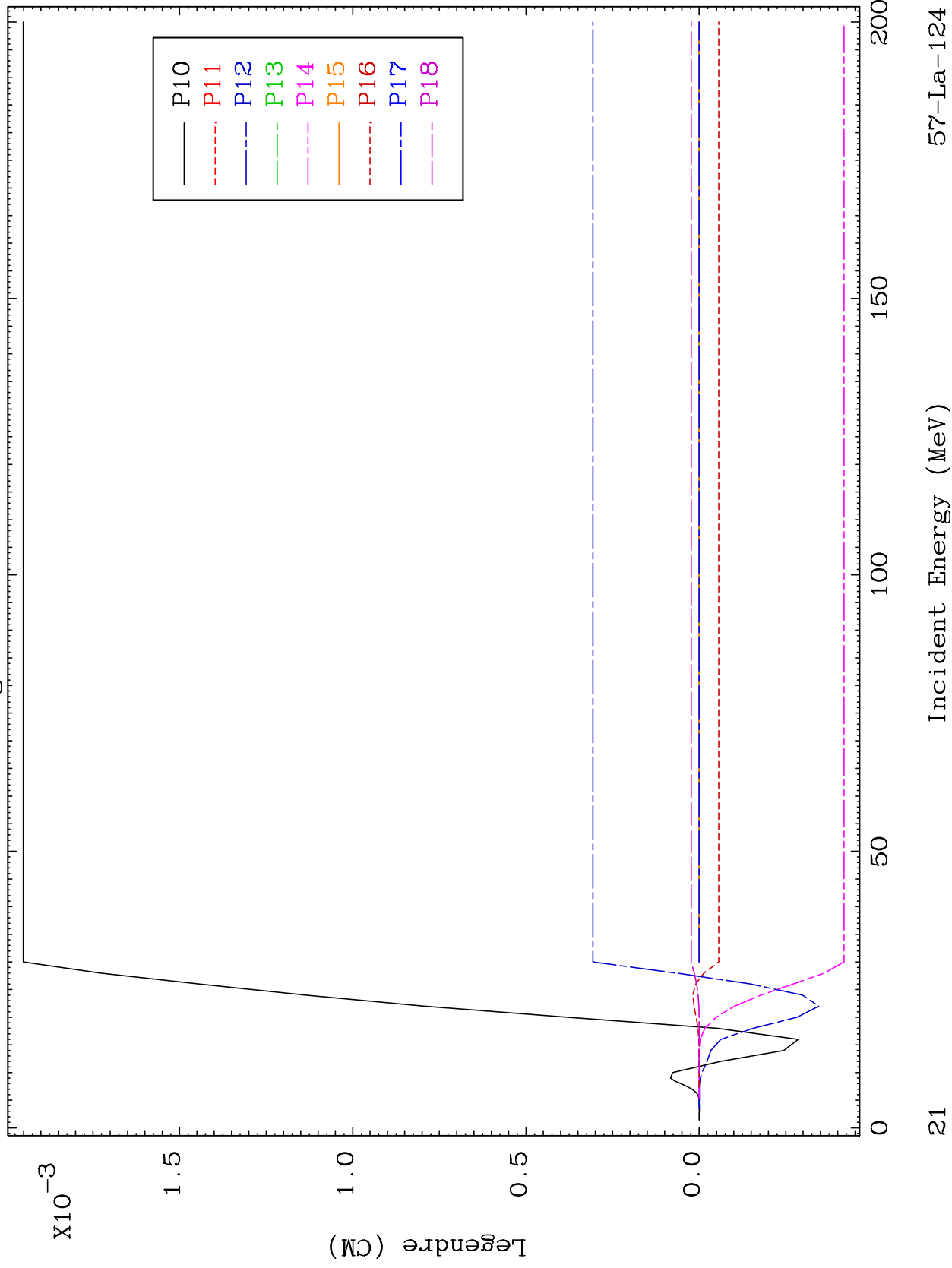
57-La-124



MAT 5683

600.0 keV (n,n') Level
Legendre Coefficients

57-La-124



21

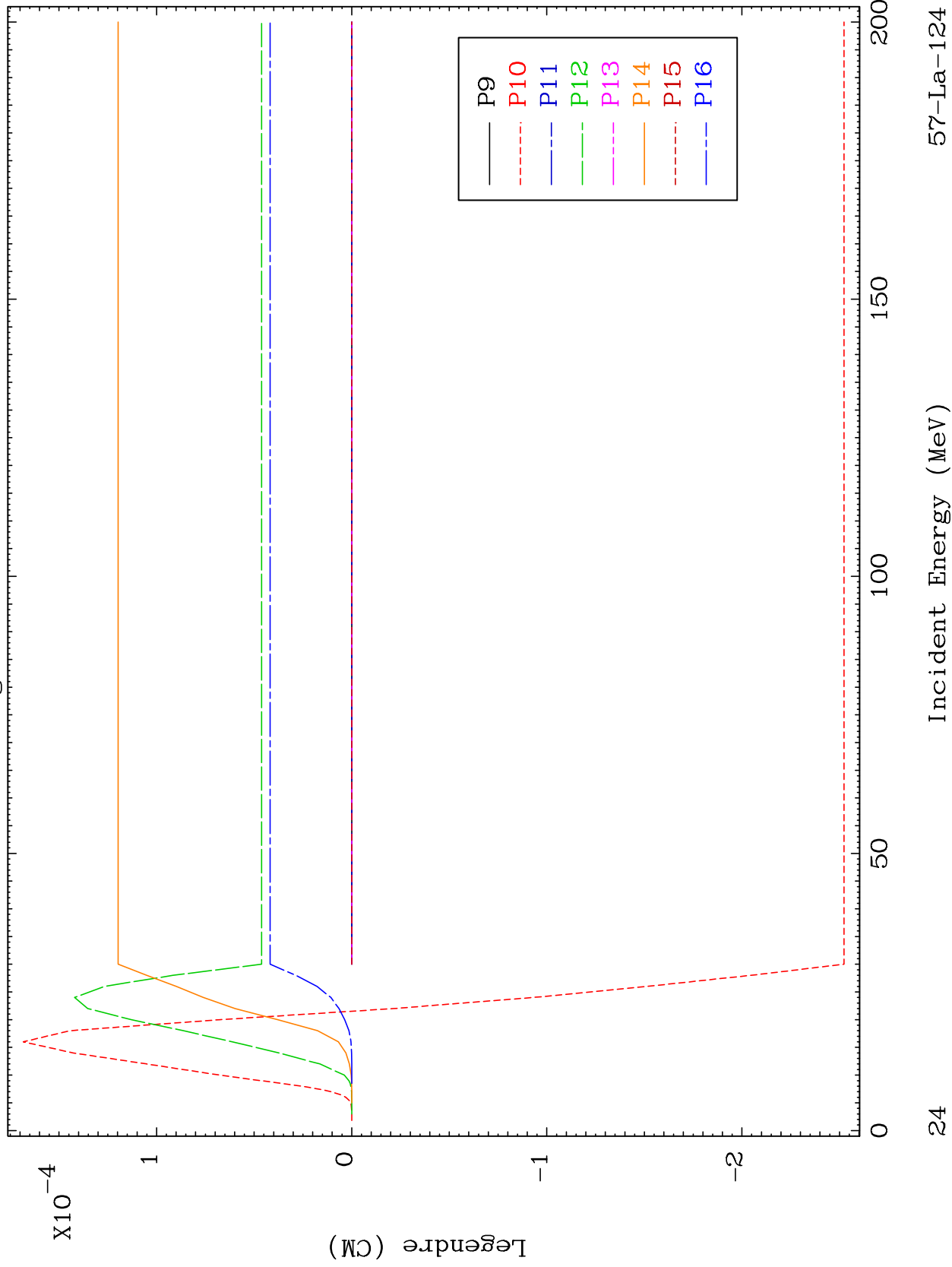
Incident Energy (MeV)

57-La-124

MAT 5683

629.7 keV (n,n') Level
Legendre Coefficients

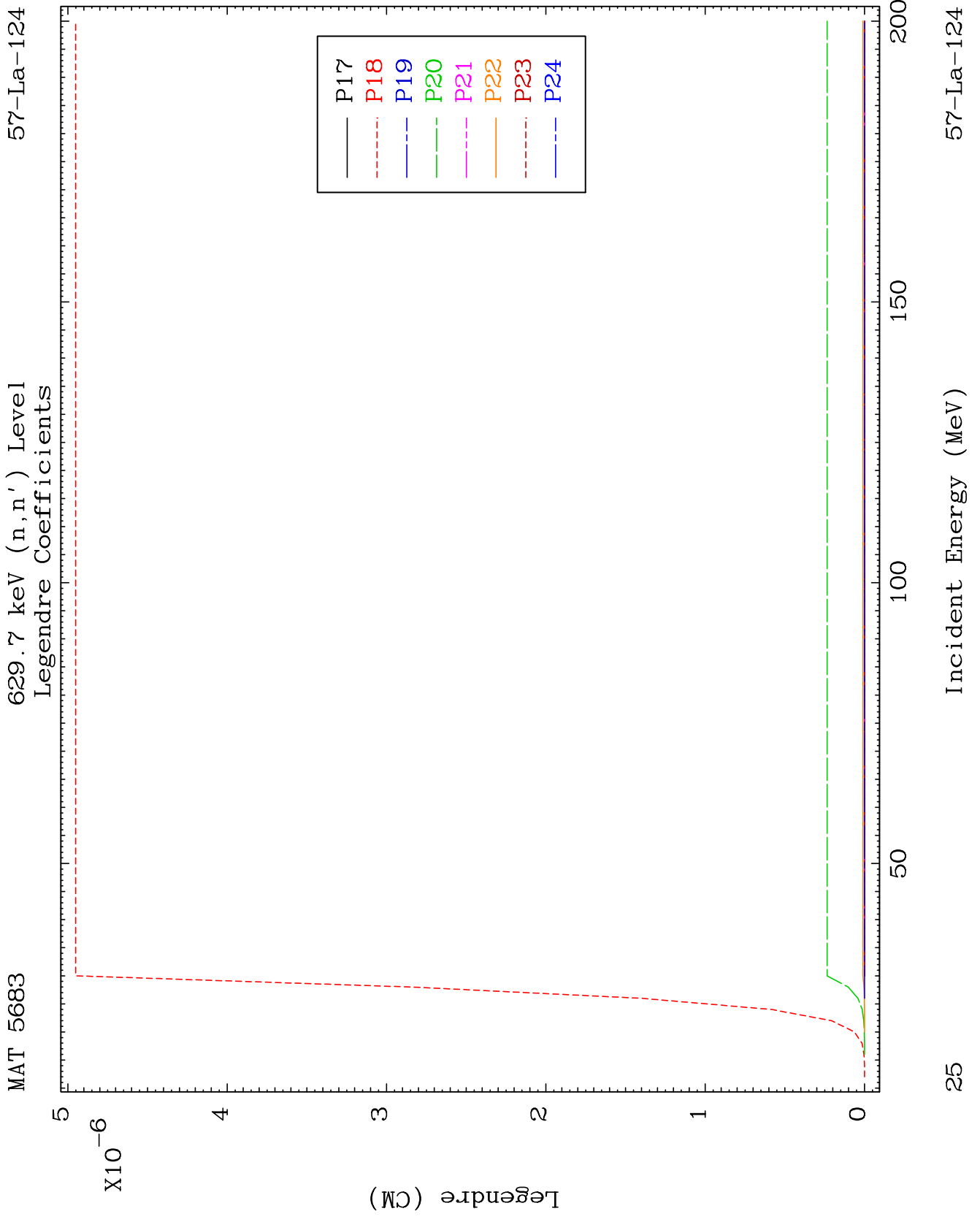
57-La-124



57-La-124

Incident Energy (MeV)

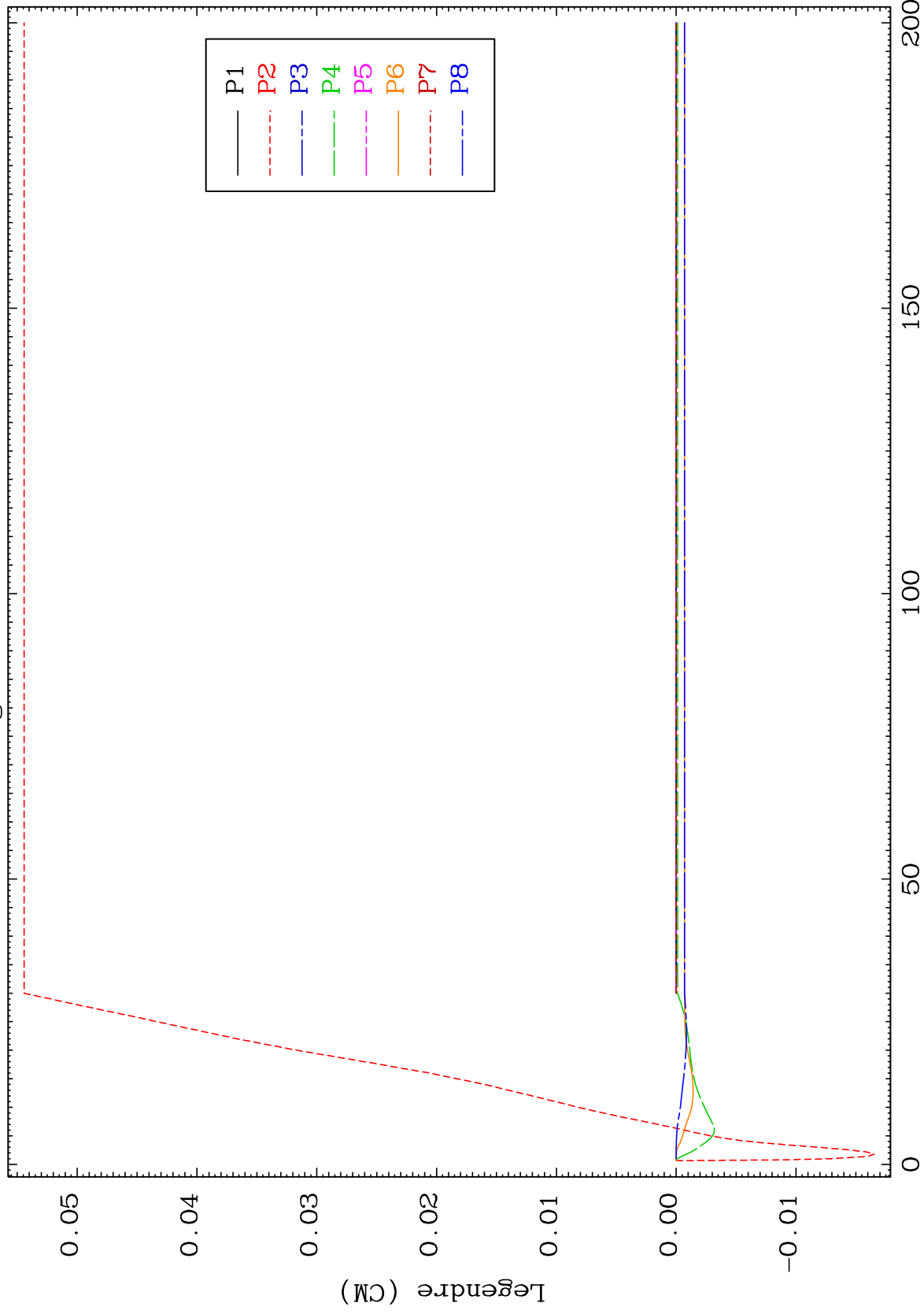
24



MAT 5683

639.4 keV (n,n') Level
Legendre Coefficients

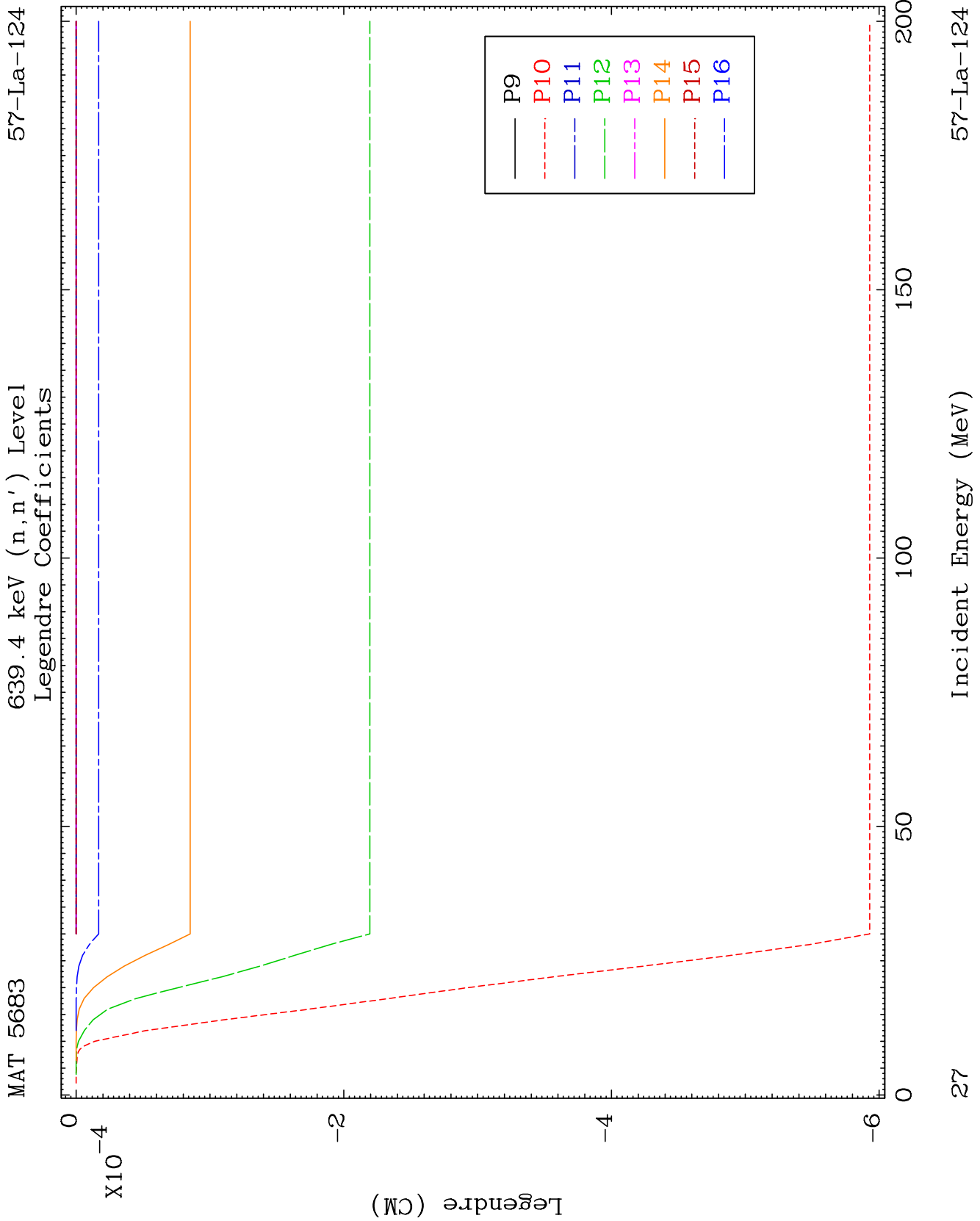
57-La-124

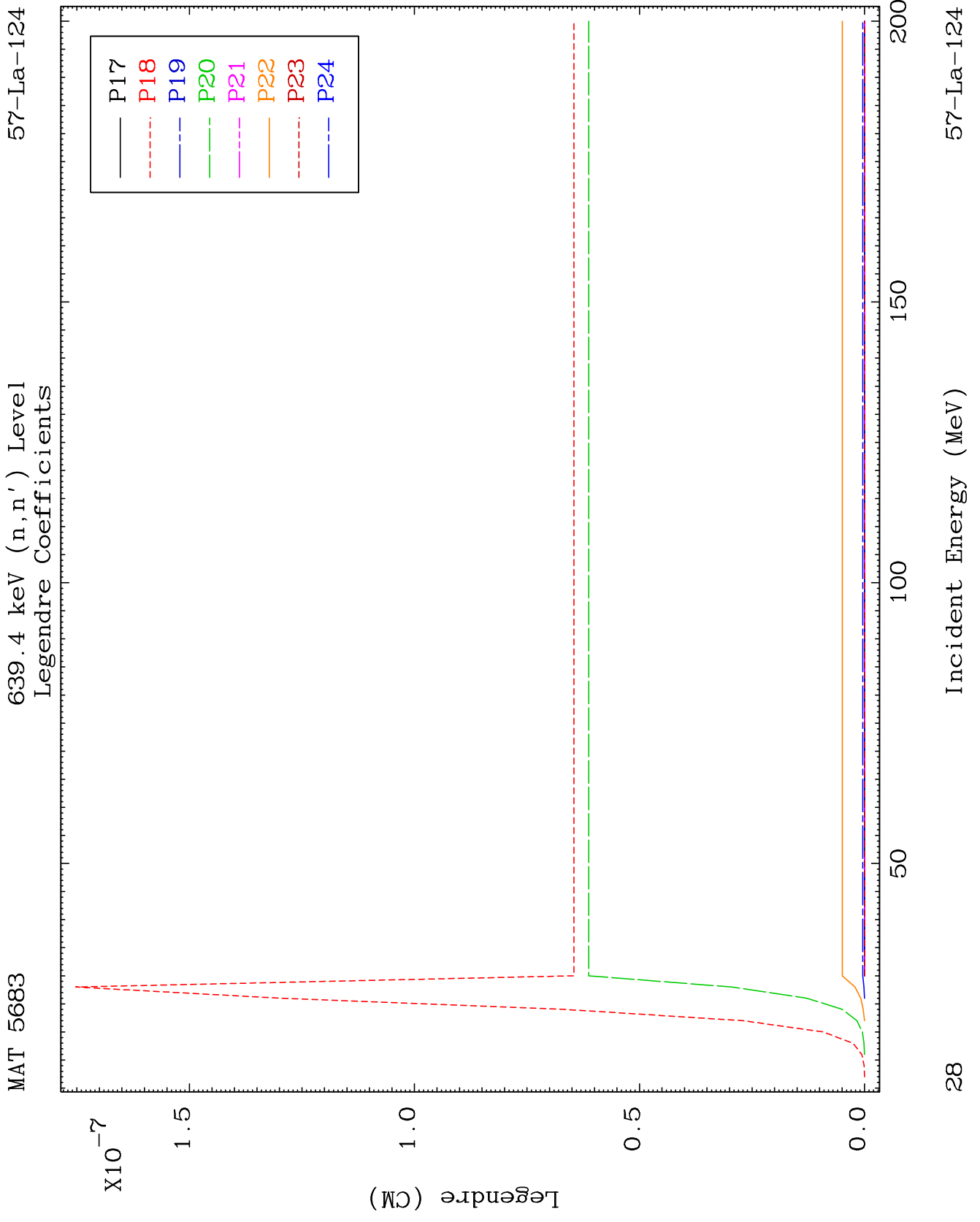


57-La-124

Incident Energy (MeV)

26

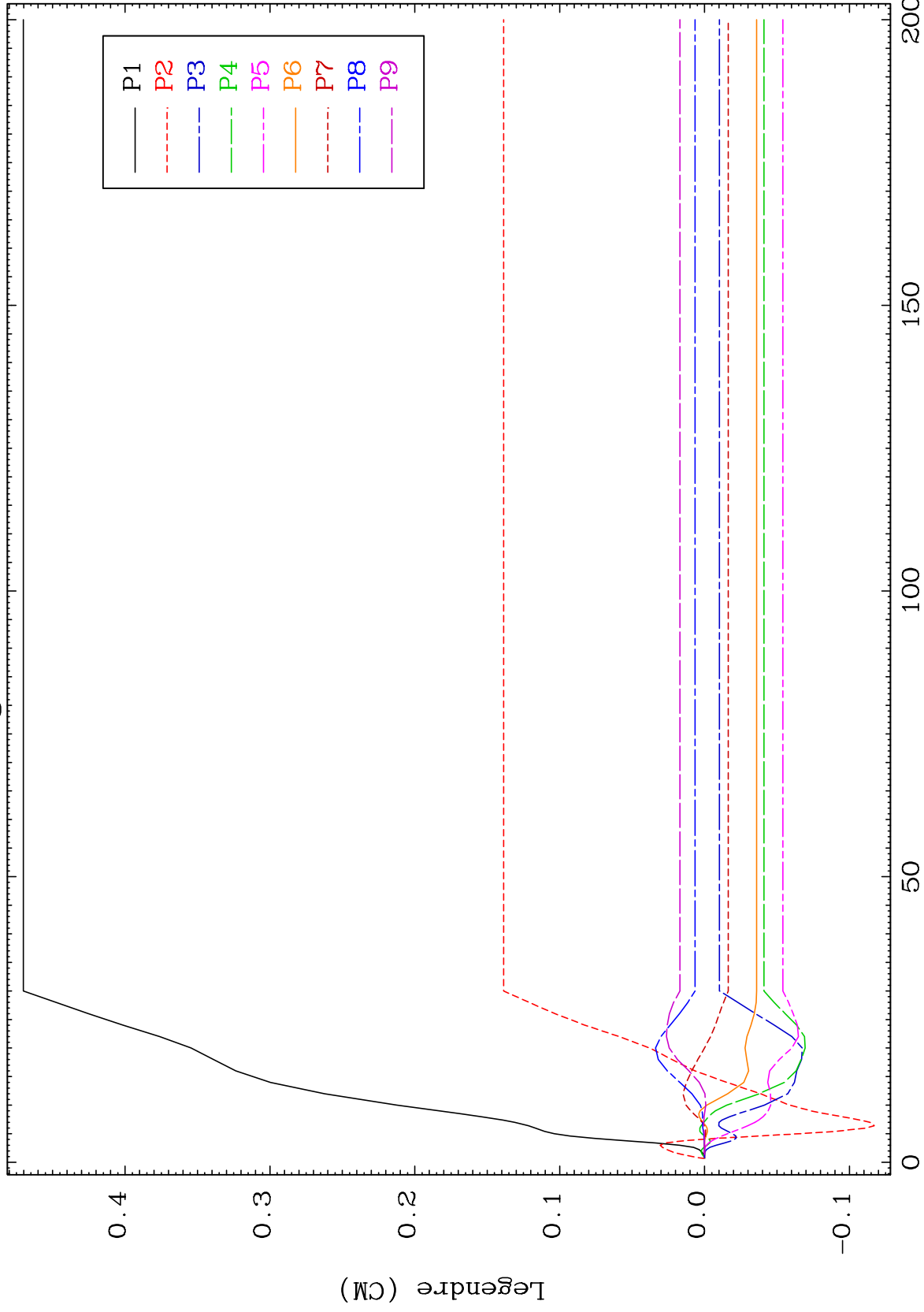




MAT 5683

648.0 keV (n,n') Level
Legendre Coefficients

57-La-124



29

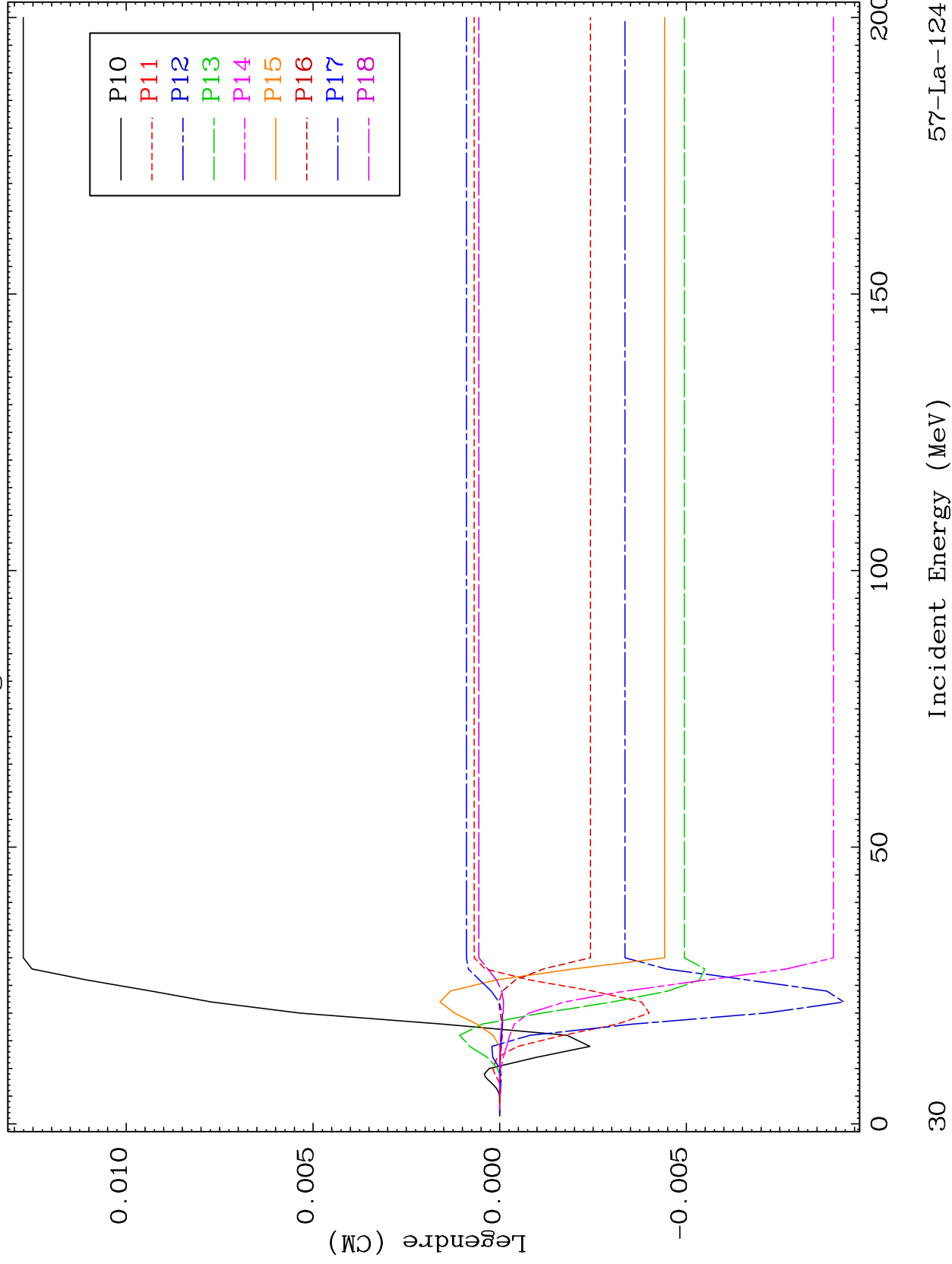
Incident Energy (MeV)

57-La-124

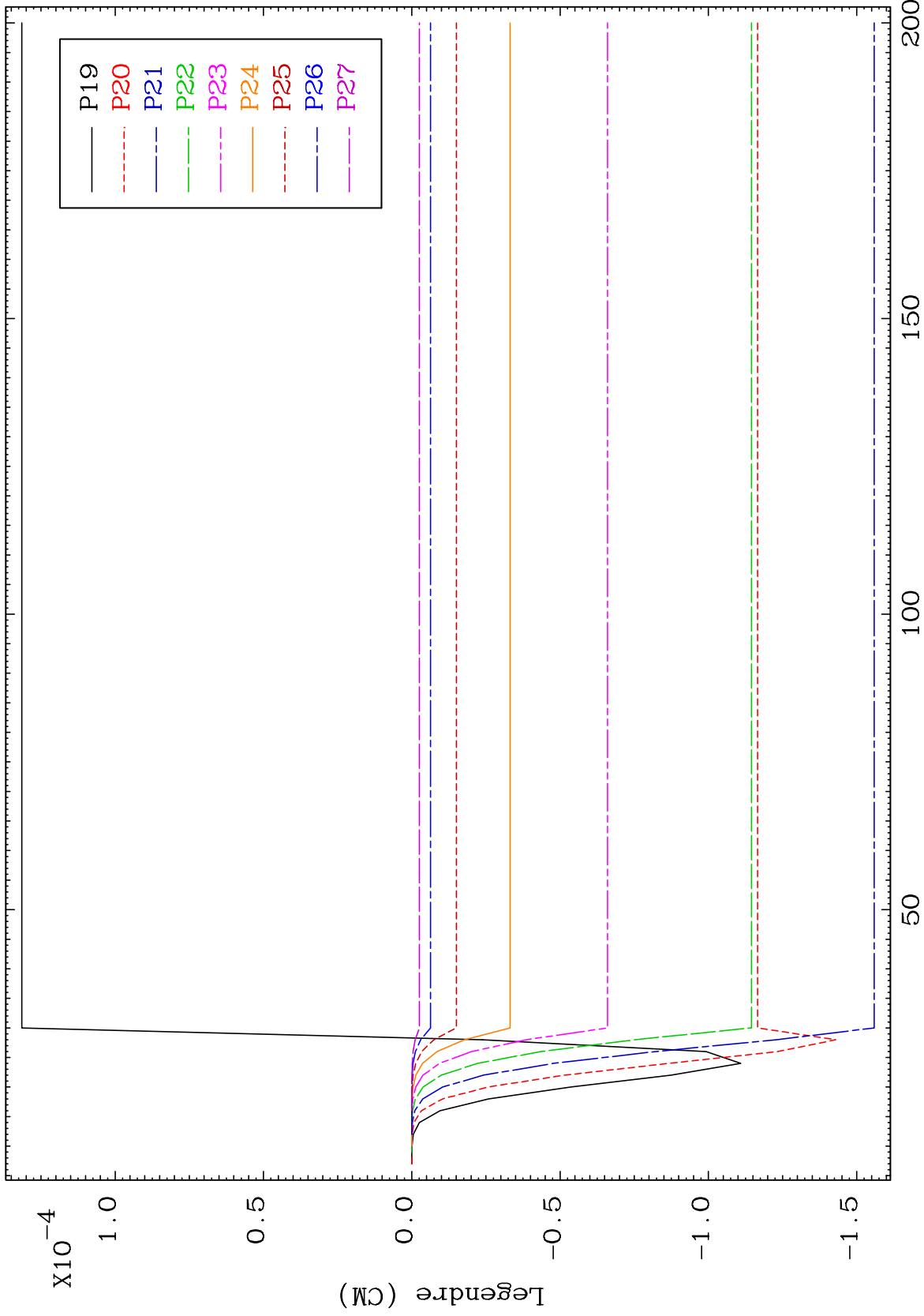
MAT 5683

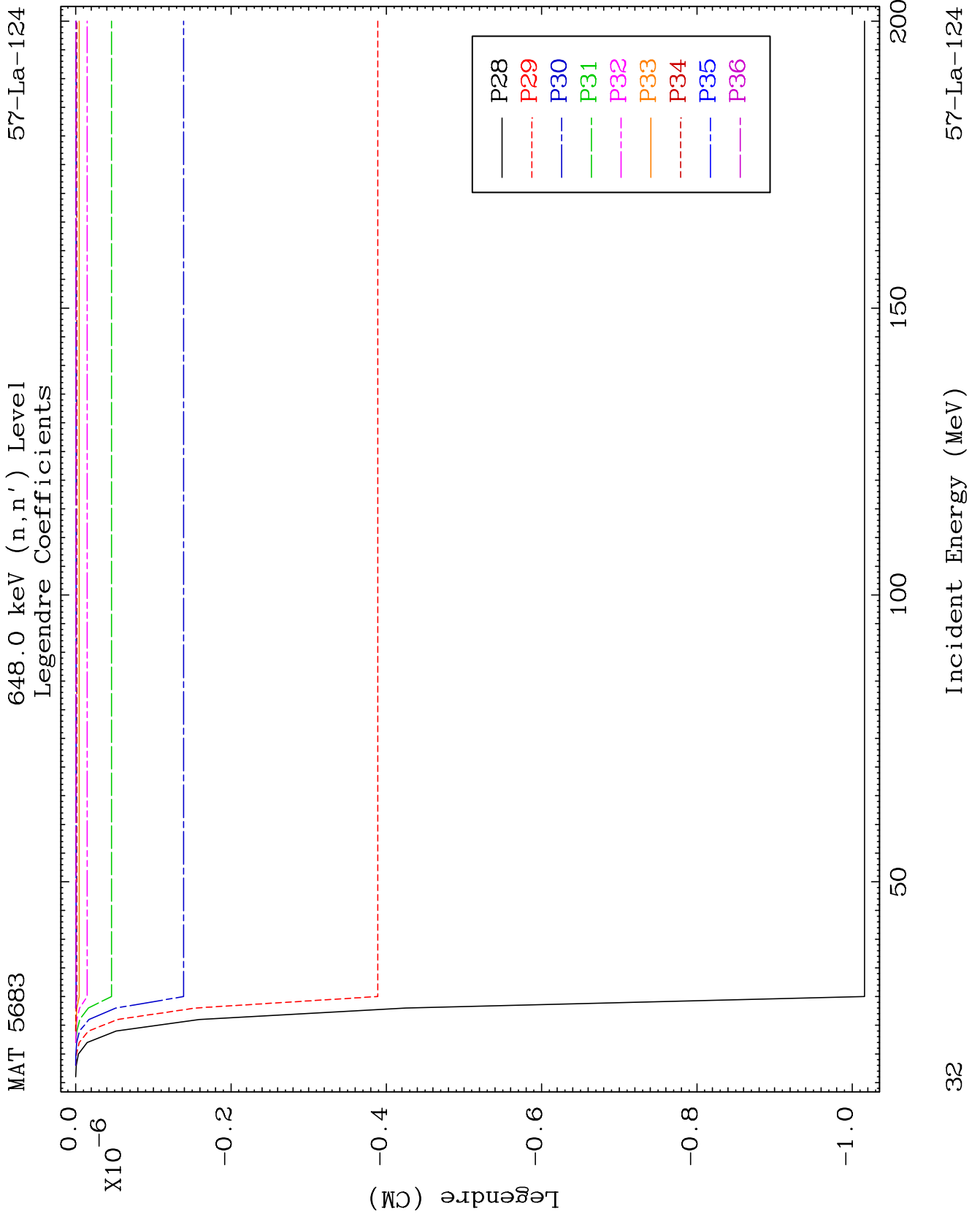
648.0 keV (n,n') Level
Legendre Coefficients

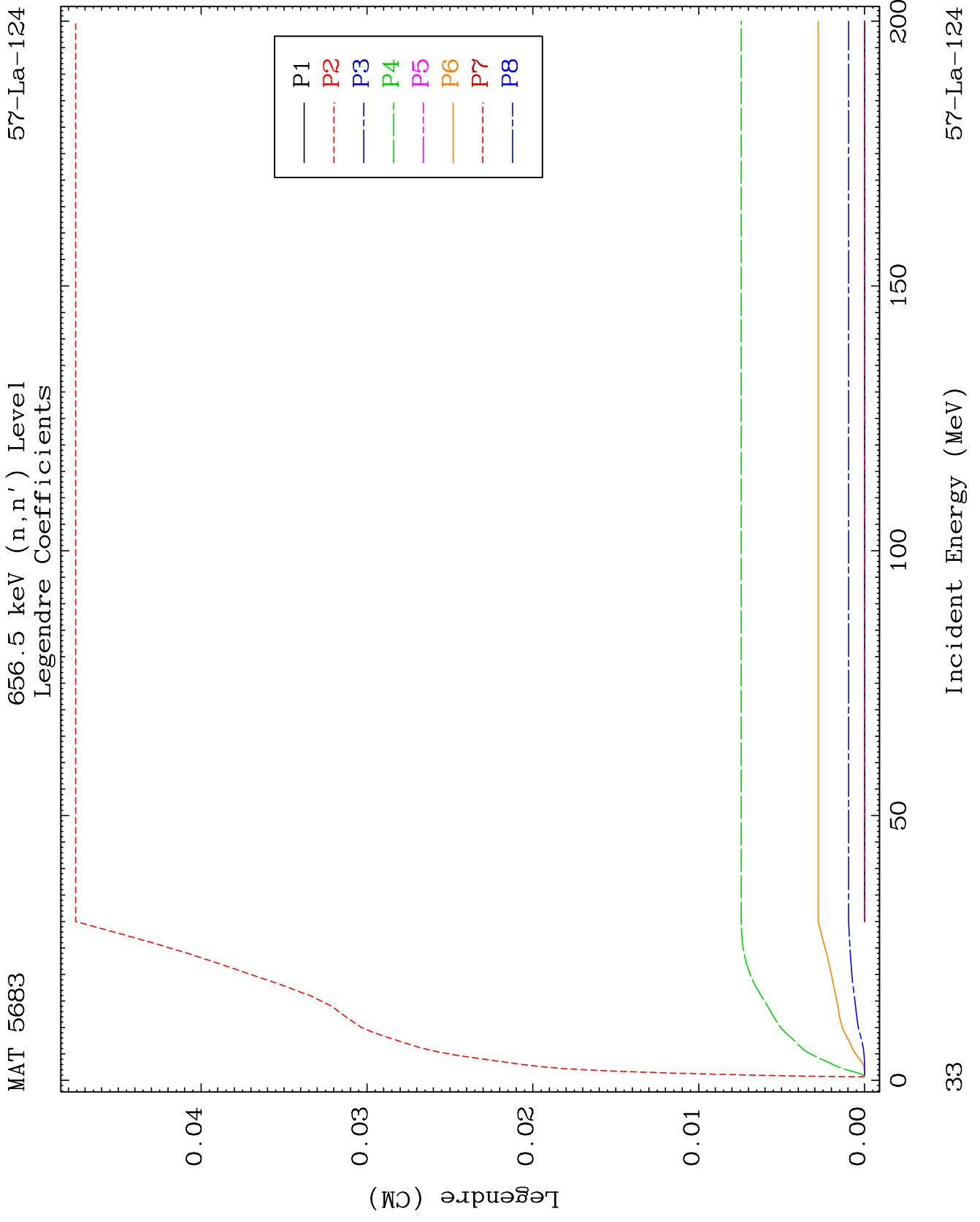
57-La-124

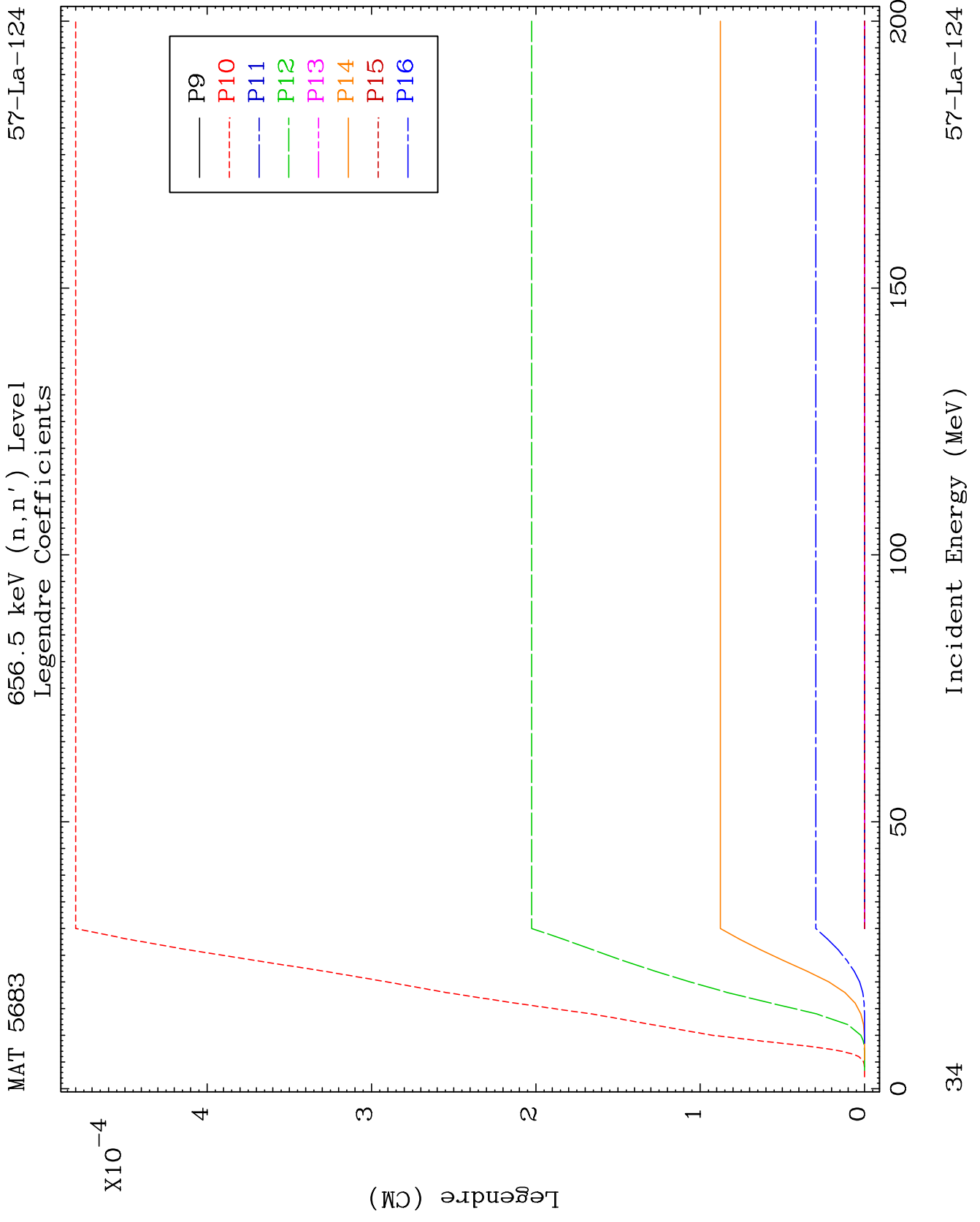


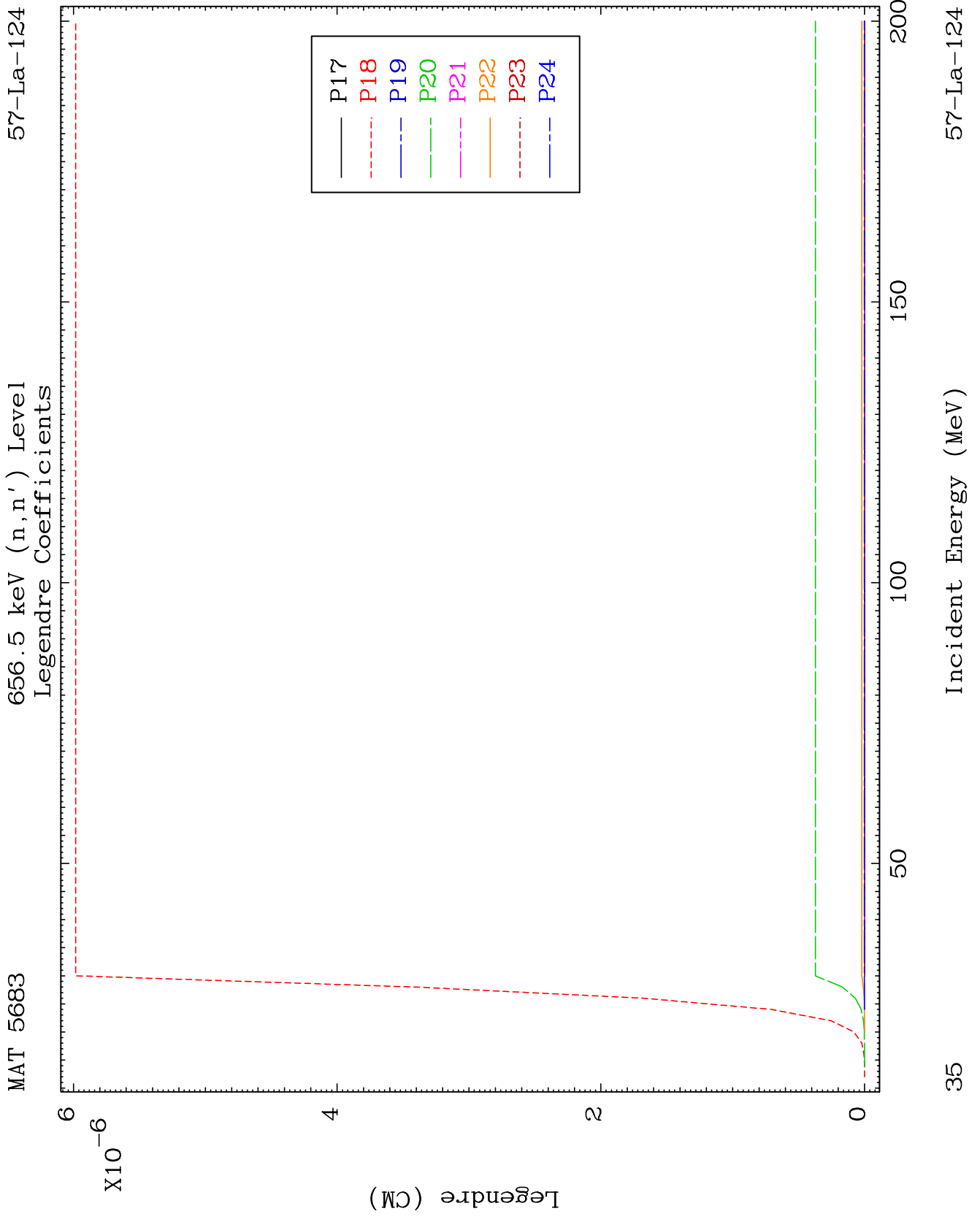
57-La-124







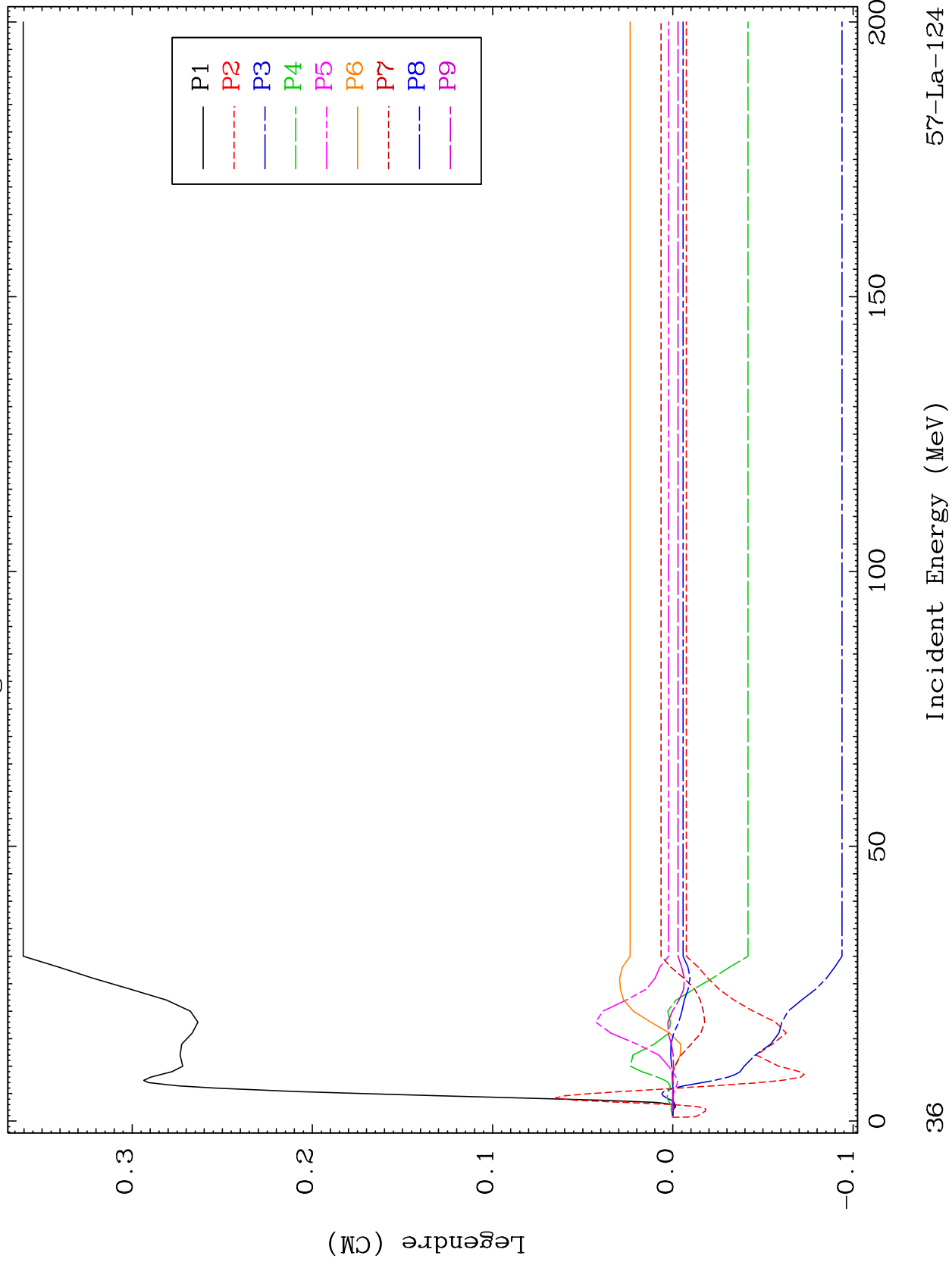




MAT 5683

658.2 keV (n,n') Level
Legendre Coefficients

57-La-124



57-La-124

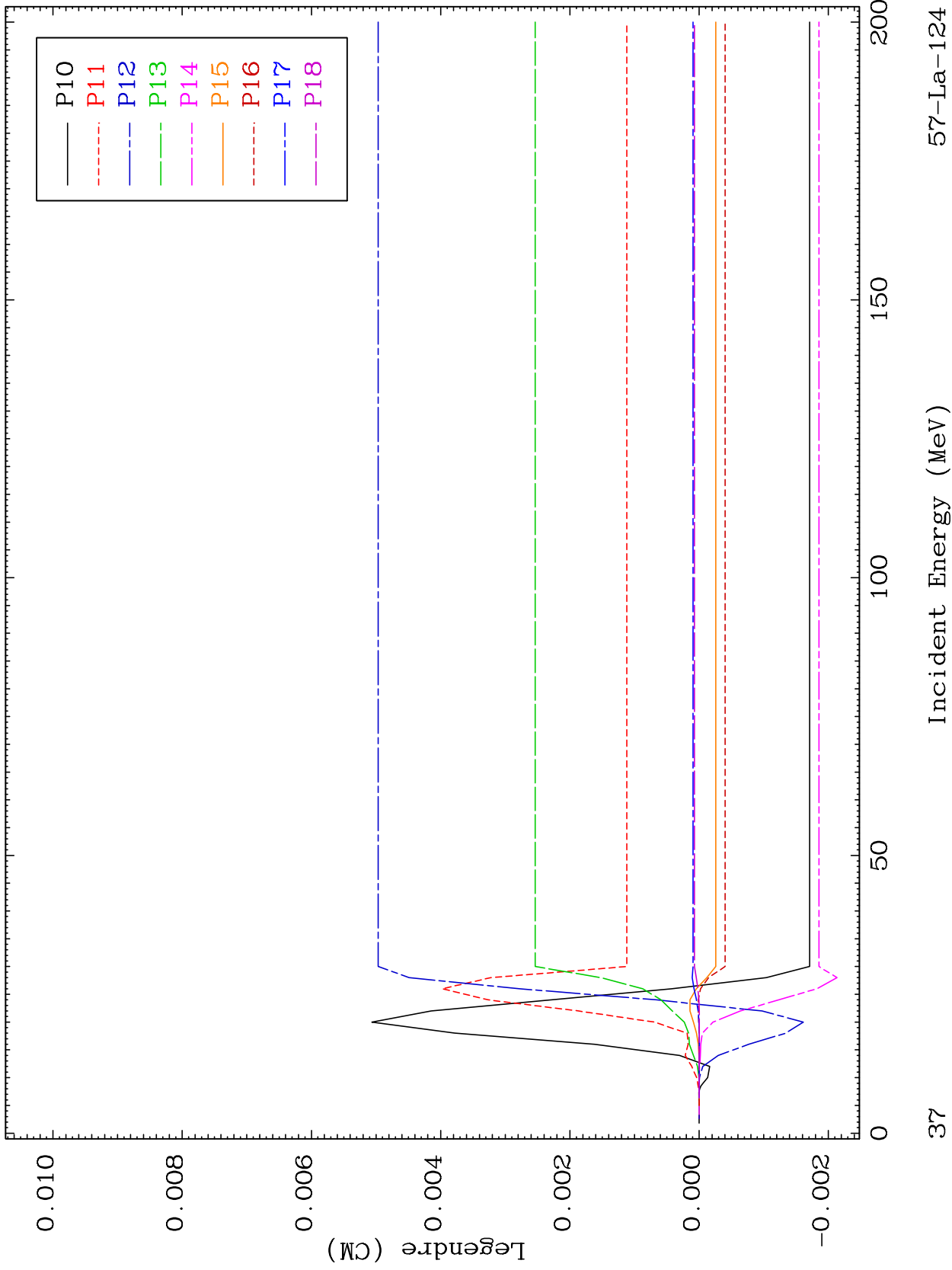
Incident Energy (MeV)

36

MAT 5683

658.2 keV (n,n') Level
Legendre Coefficients

57-La-124



37

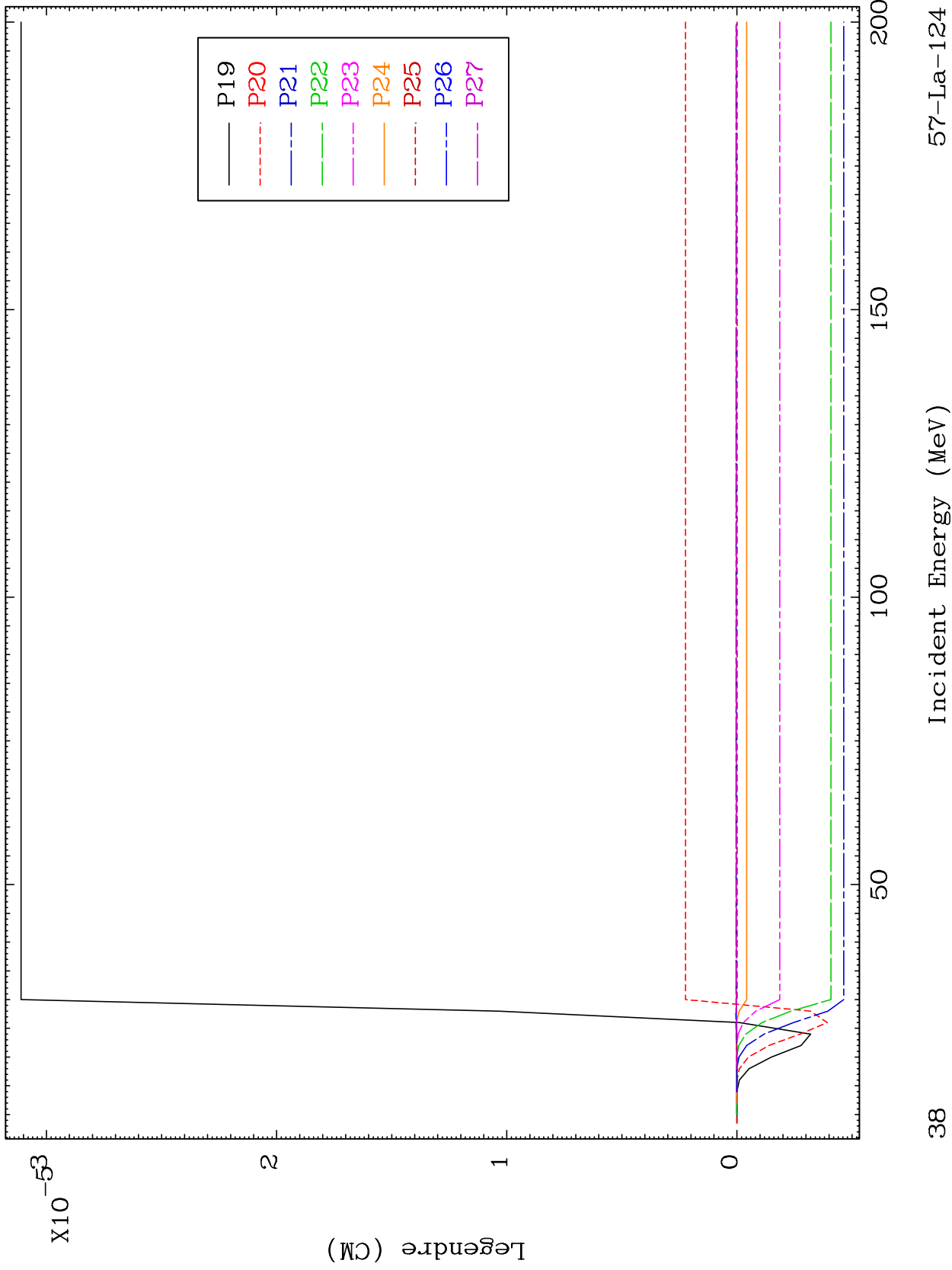
Incident Energy (MeV)

57-La-124

MAT 5683

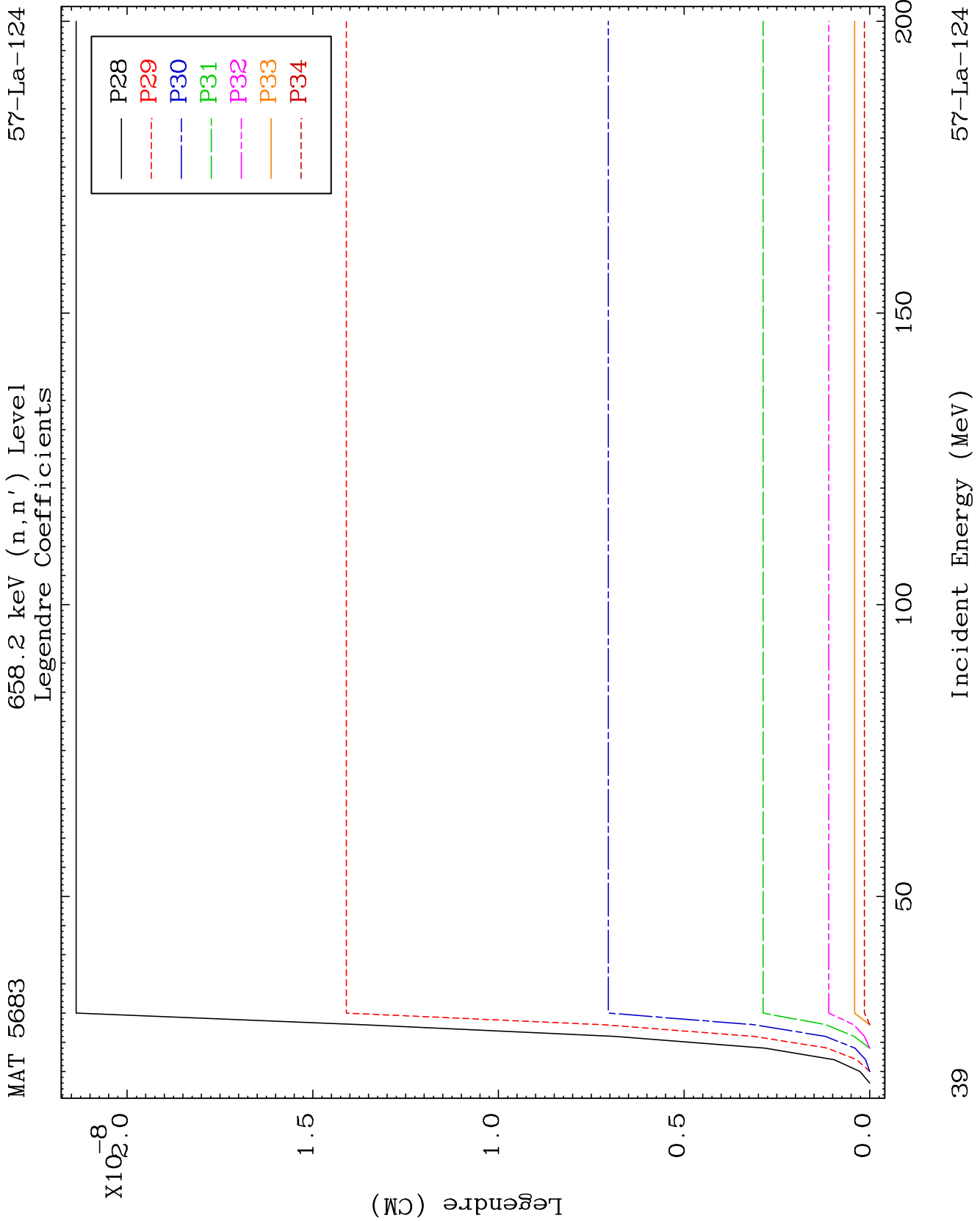
658.2 keV (n,n') Level
Legendre Coefficients

57-La-124



38

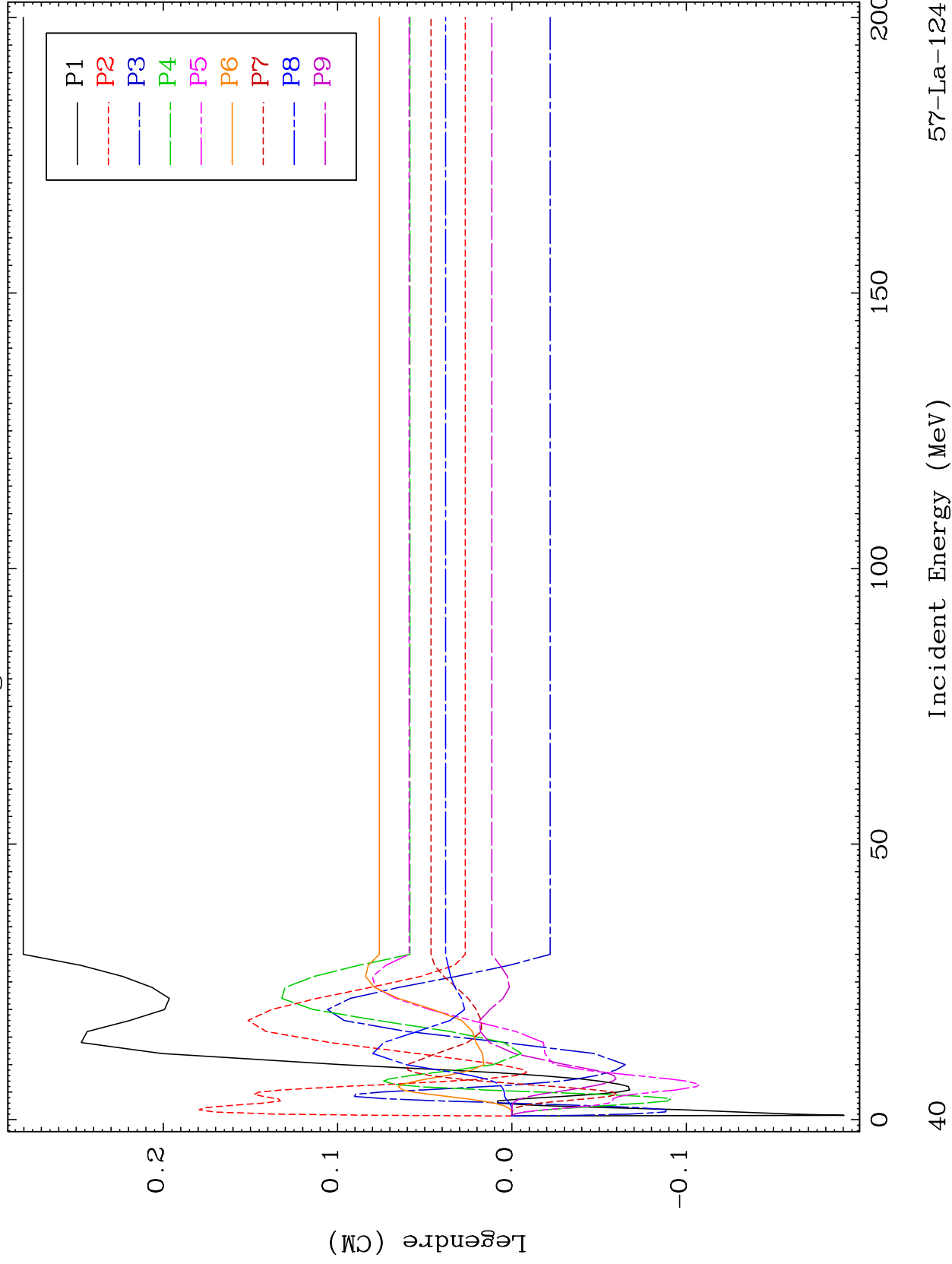
57-La-124



MAT 5683

659.7 keV (n,n') Level
Legendre Coefficients

57-La-124



57-La-124

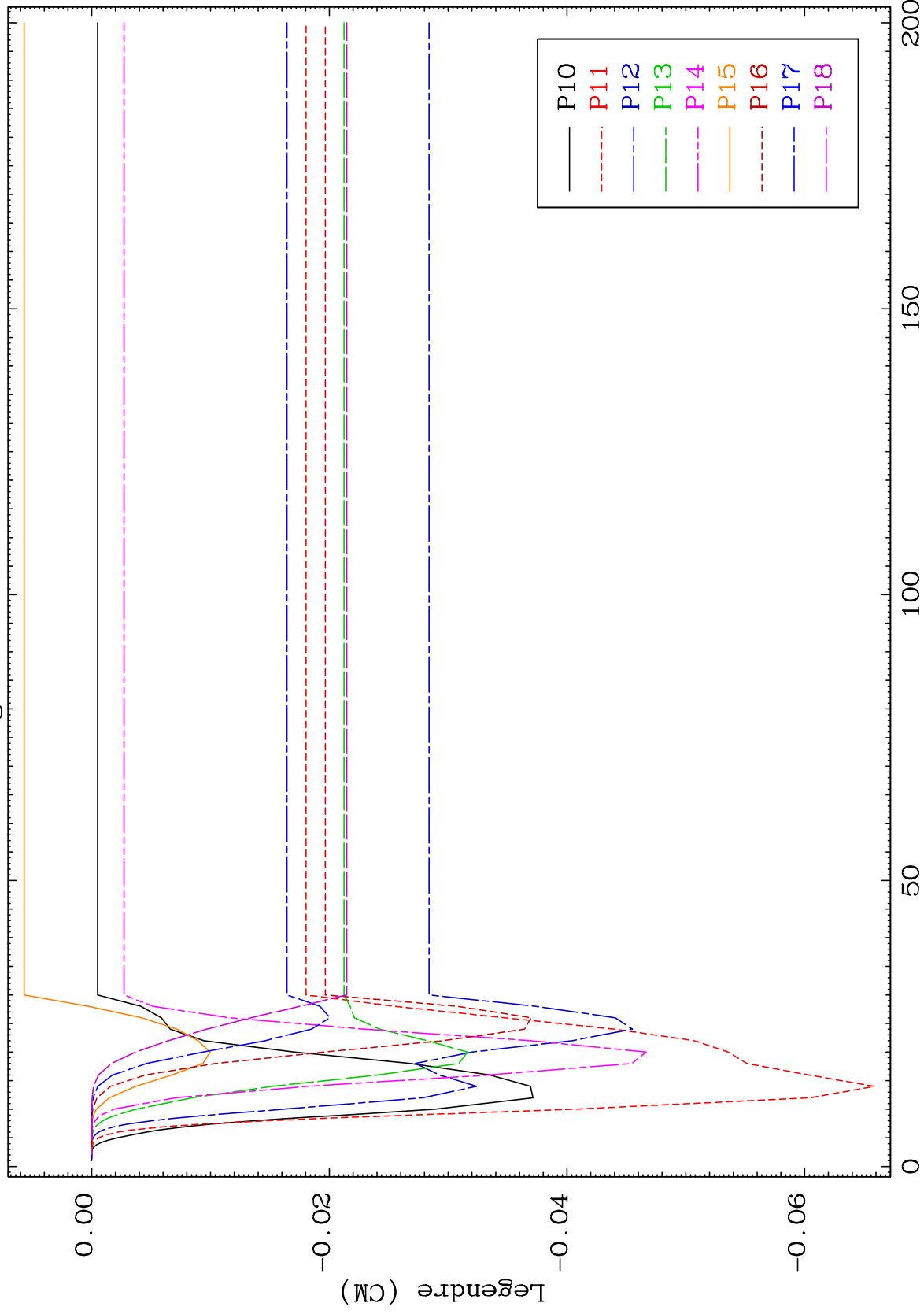
Incident Energy (MeV)

40

MAT 5683

659.7 keV (n,n') Level
Legendre Coefficients

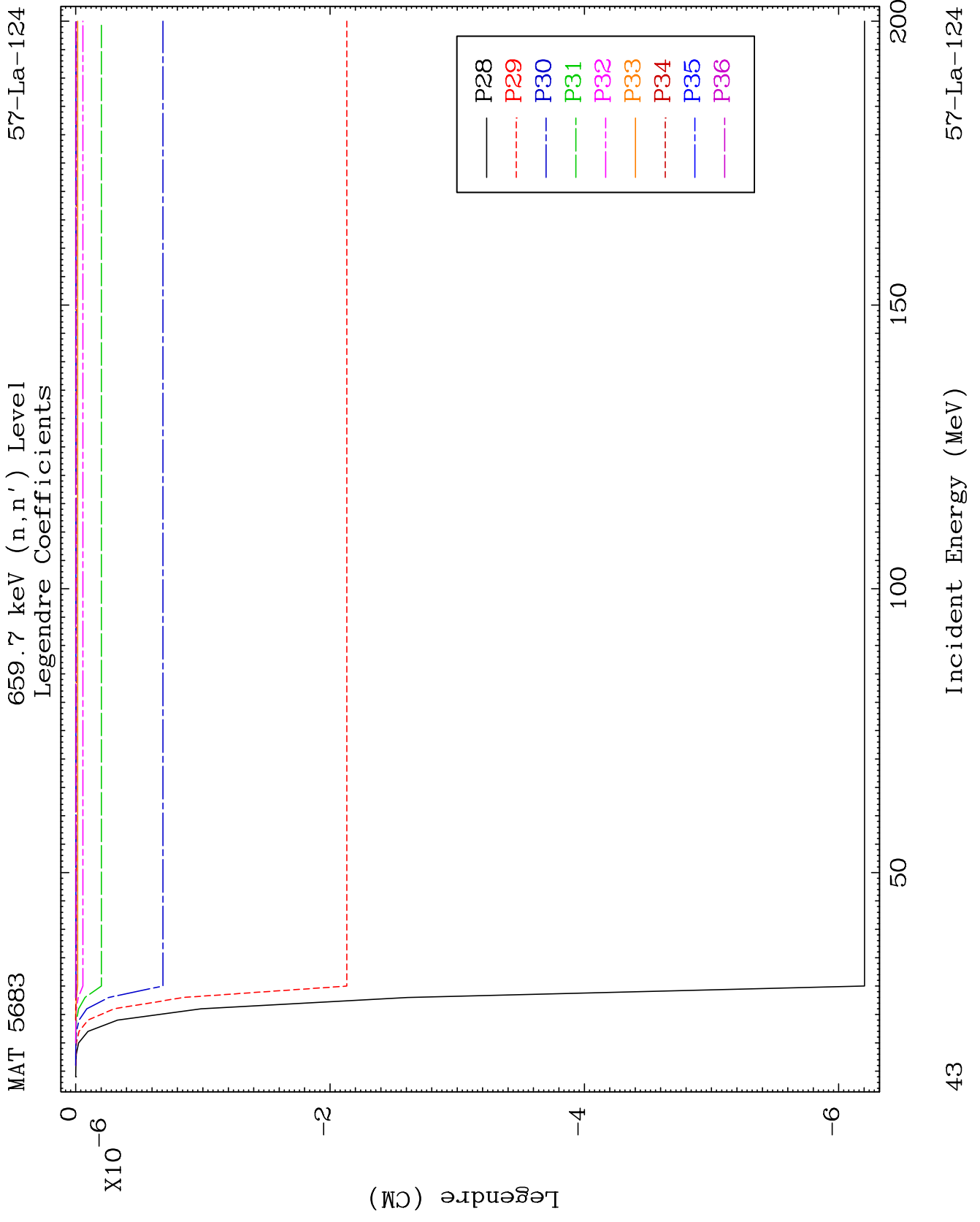
57-La-124



41

Incident Energy (MeV)

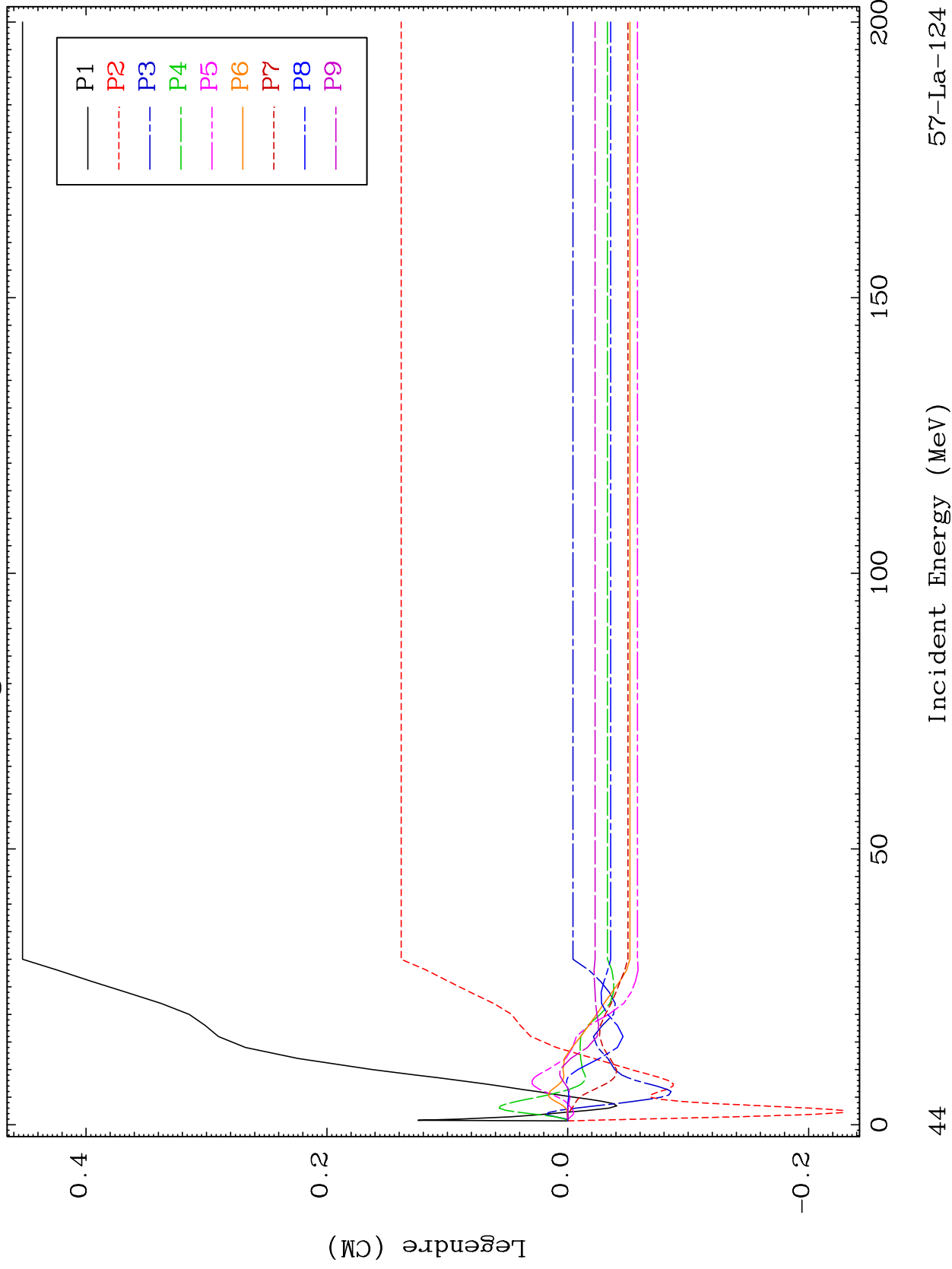
57-La-124



MAT 5683

664.4 keV (n,n') Level
Legendre Coefficients

57-La-124



57-La-124

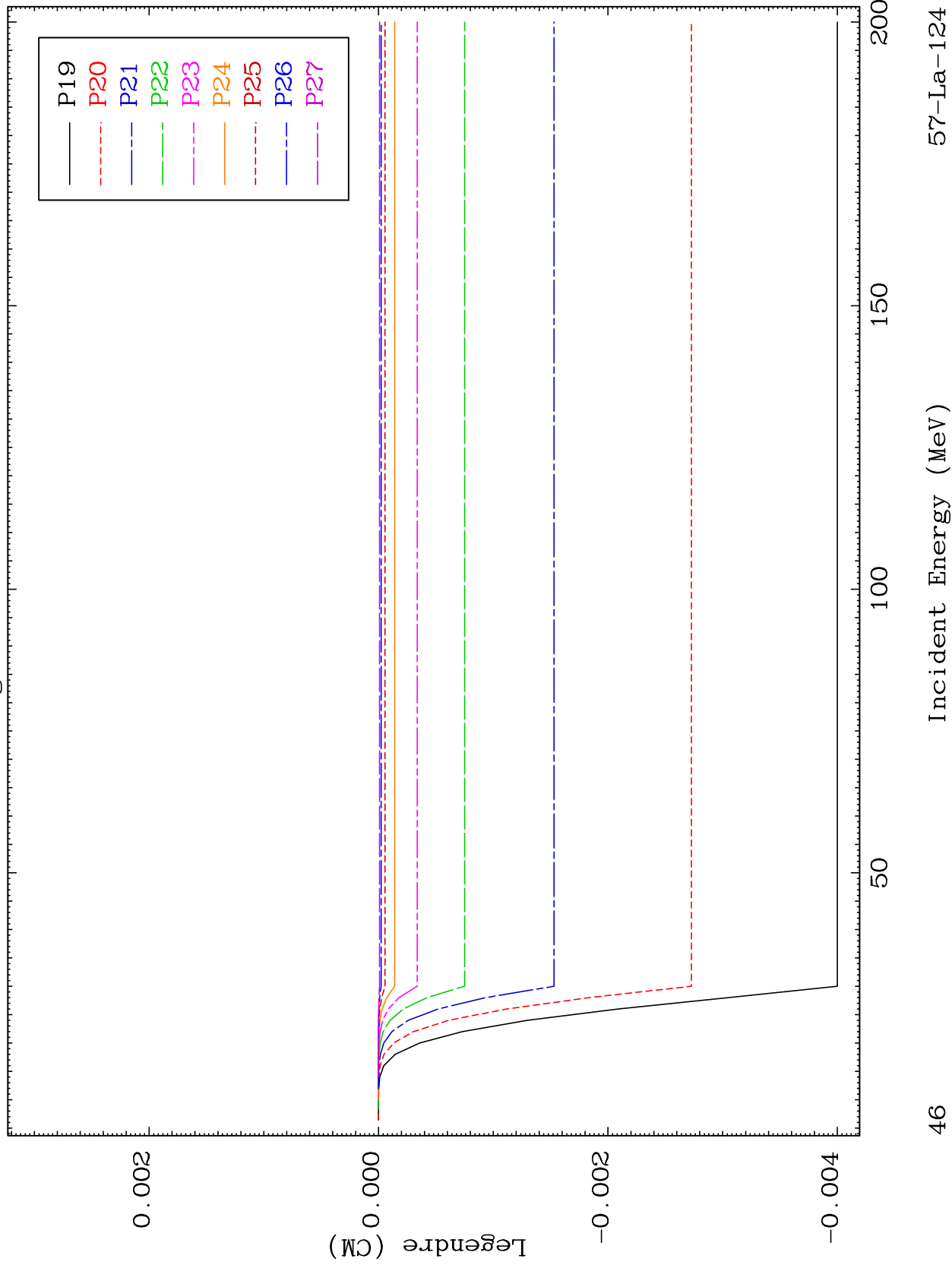
Incident Energy (MeV)

44

MAT 5683

664.4 keV (n,n') Level
Legendre Coefficients

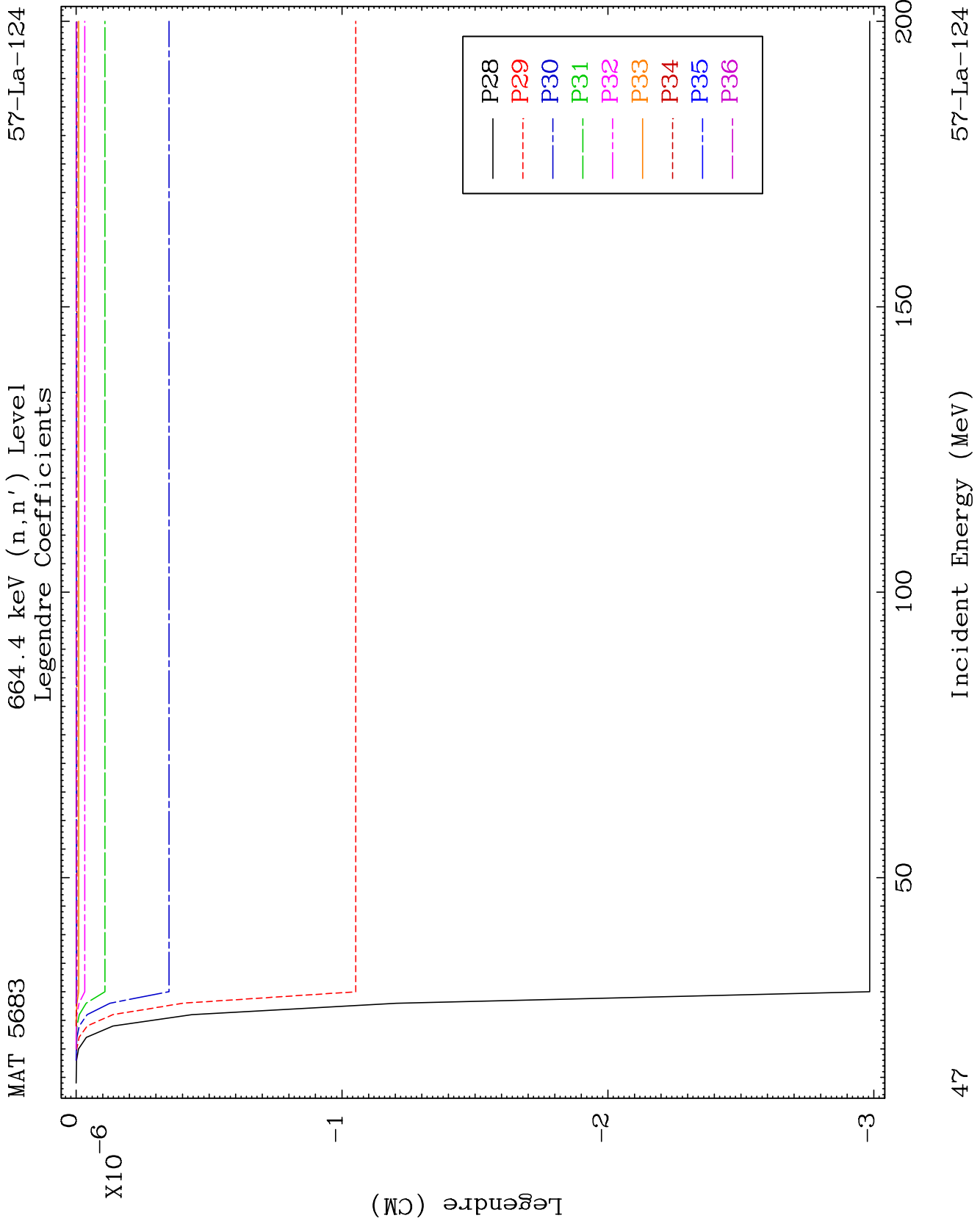
57-La-124



46

Incident Energy (MeV)

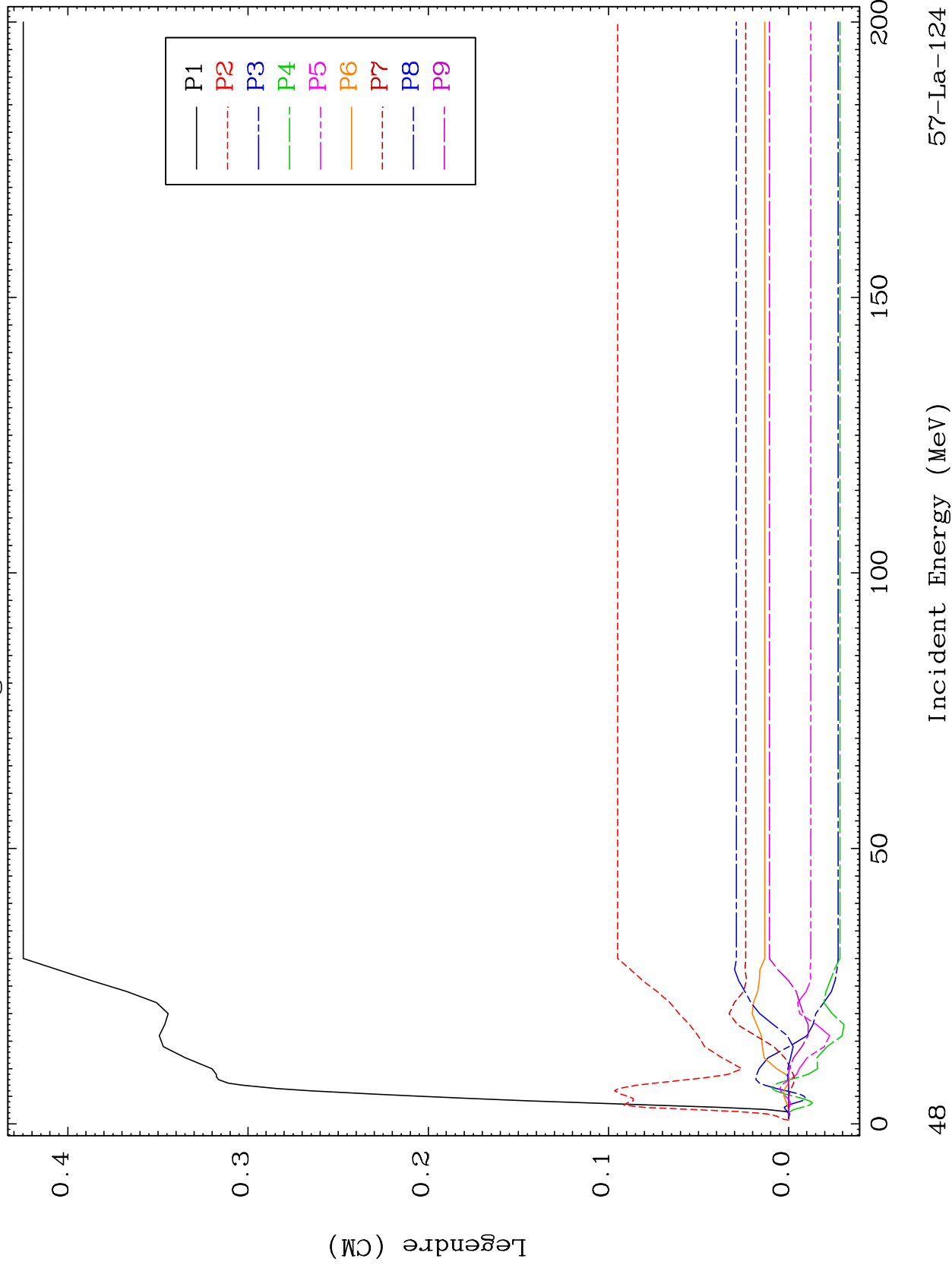
57-La-124



MAT 5683

671.7 keV (n,n') Level
Legendre Coefficients

57-La-124



57-La-124

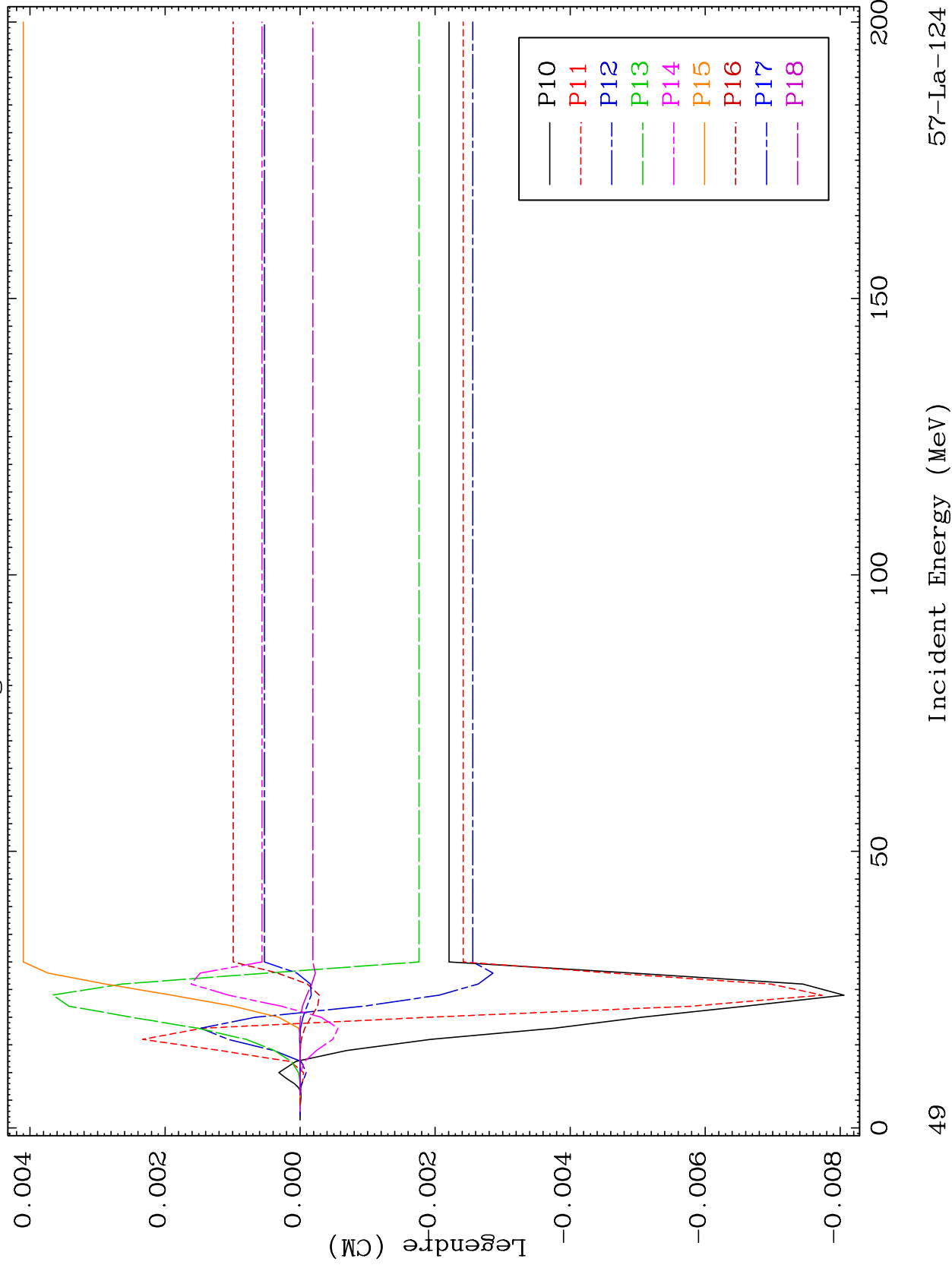
Incident Energy (MeV)

48

MAT 5683

671.7 keV (n,n') Level
Legendre Coefficients

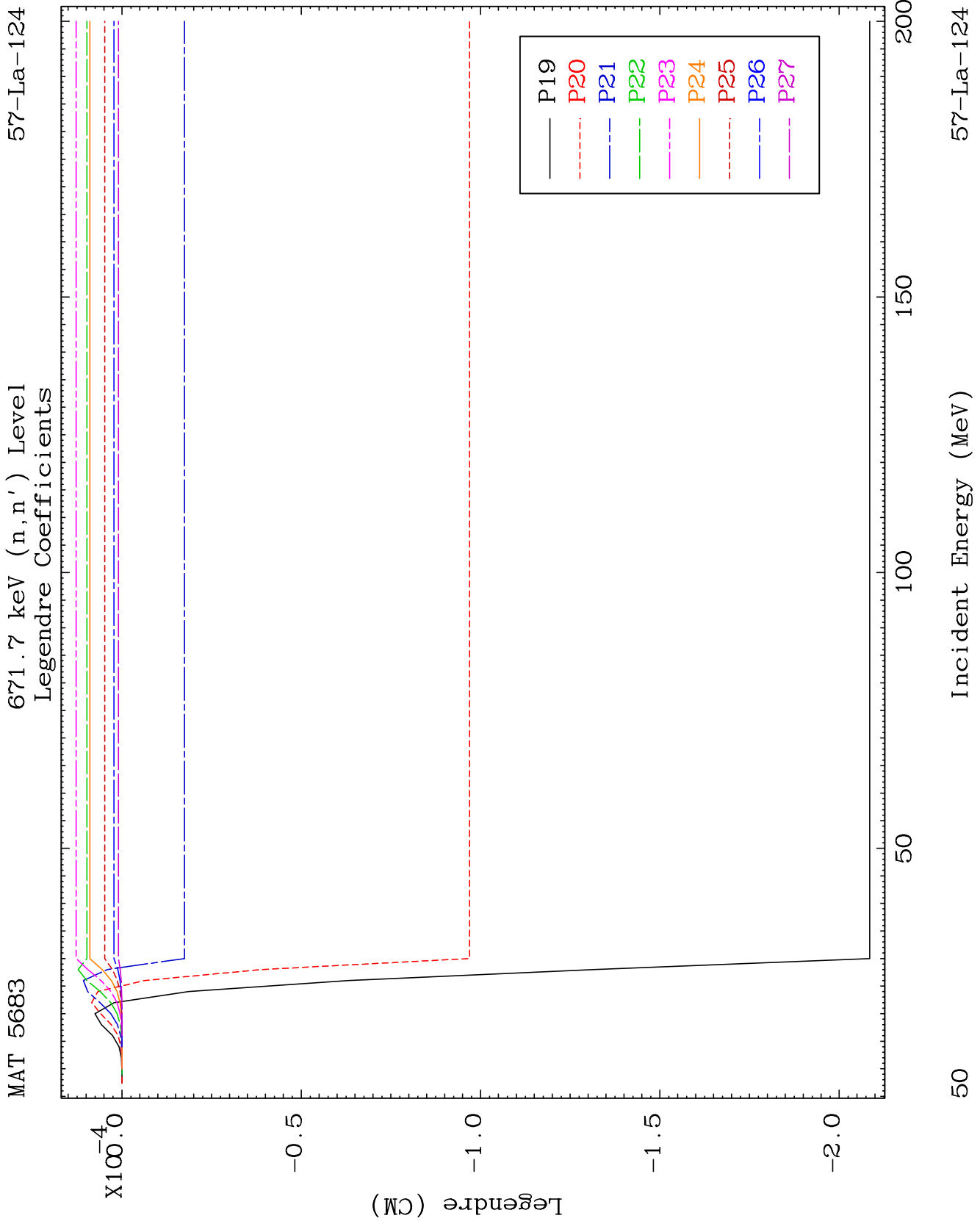
57-La-124



49

Incident Energy (MeV)

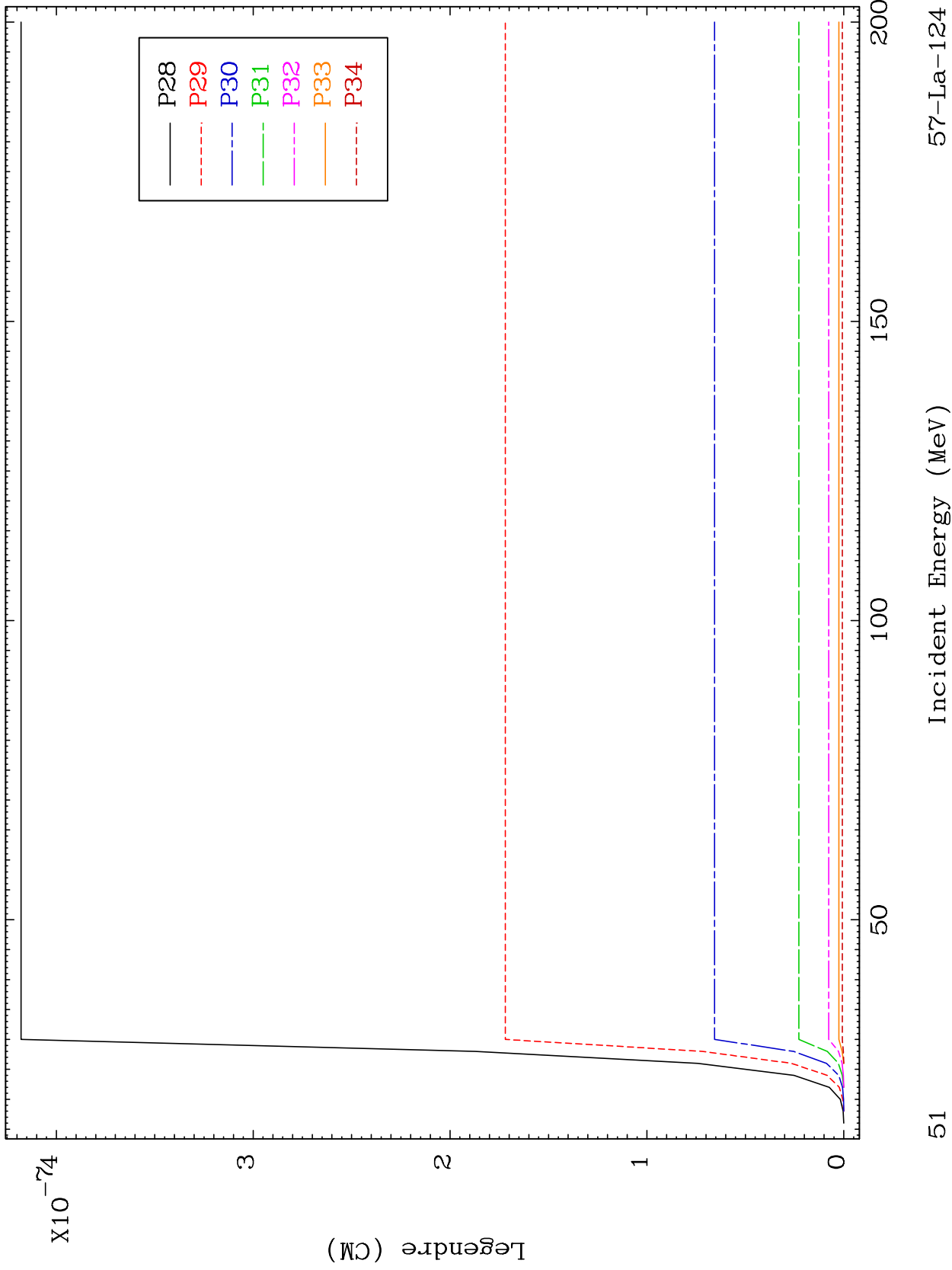
57-La-124



MAT 5683

671.7 keV (n,n') Level
Legendre Coefficients

57-La-124



51

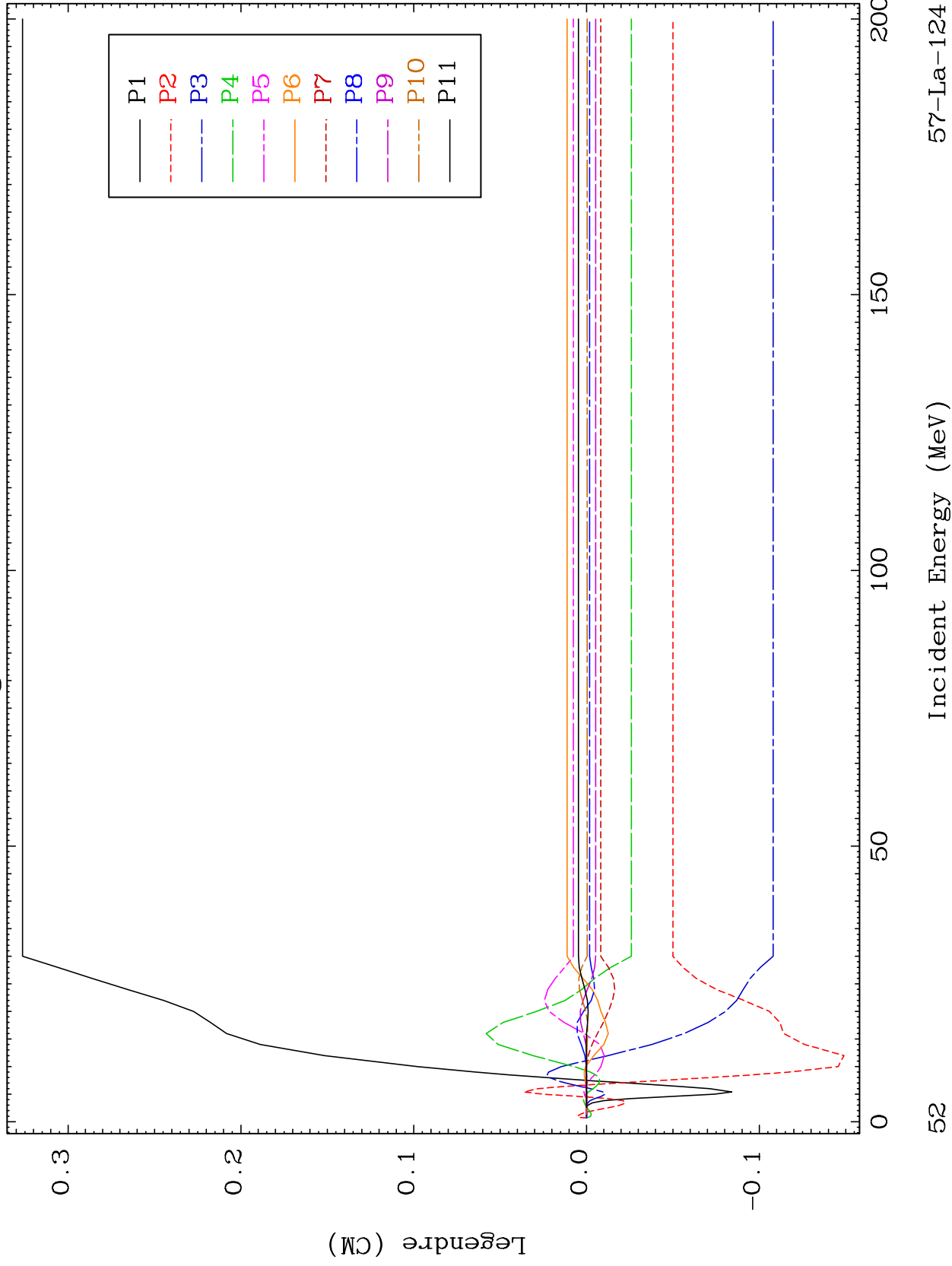
Incident Energy (MeV)

57-La-124

MAT 5683

673.5 keV (n,n') Level
Legendre Coefficients

57-La-124



57-La-124

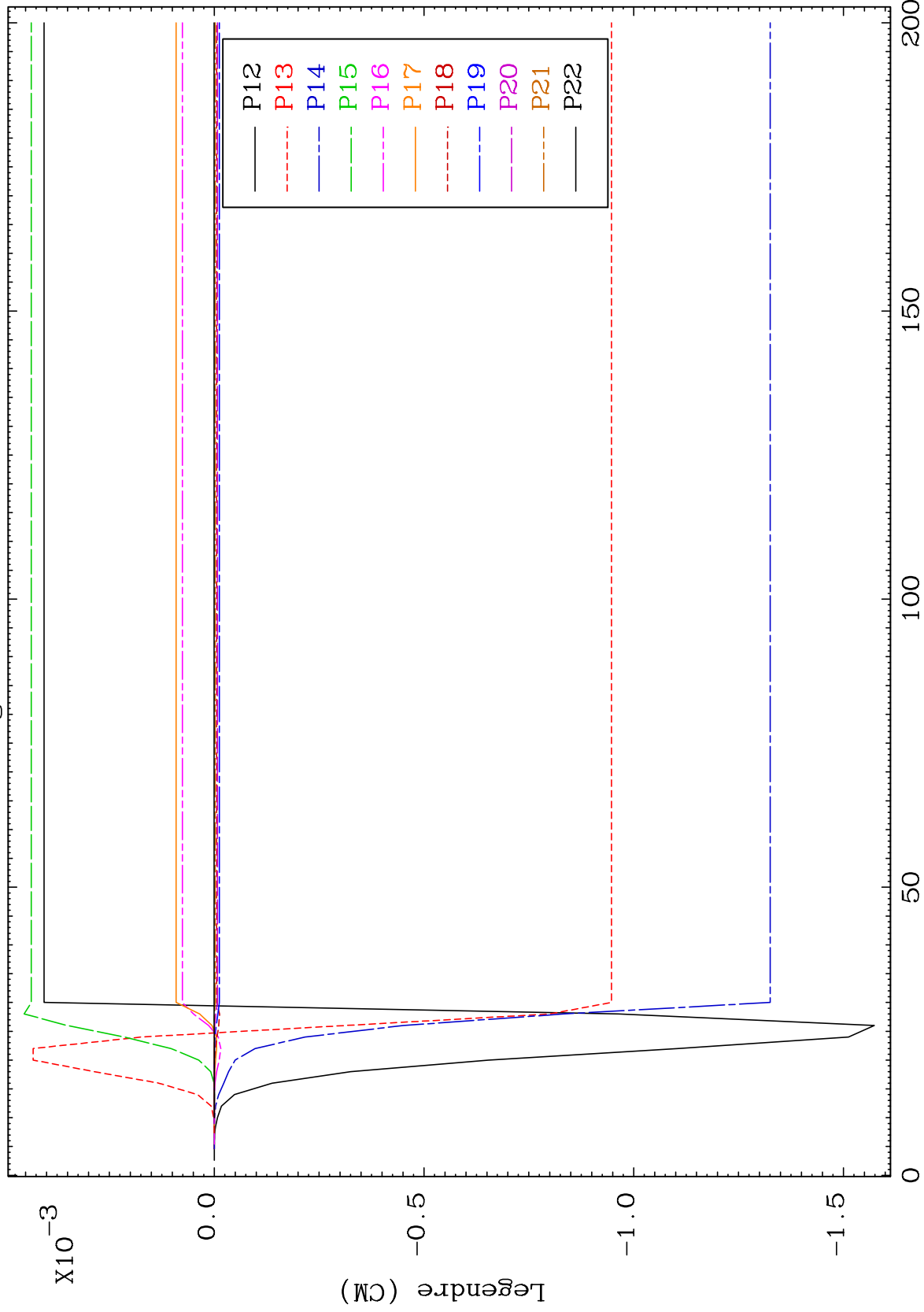
Incident Energy (MeV)

52

MAT 5683

673.5 keV (n,n') Level
Legendre Coefficients

57-La-124



53

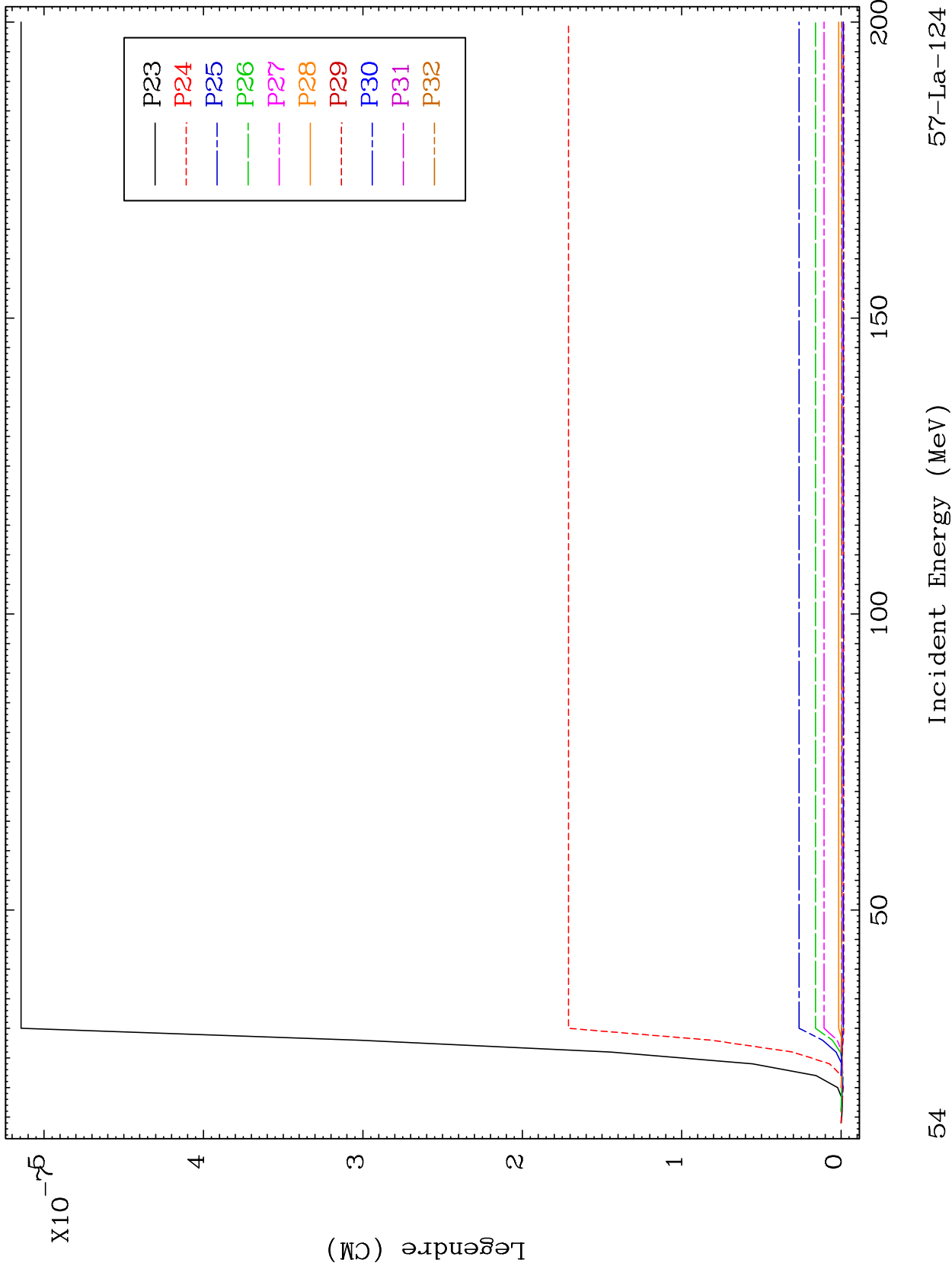
Incident Energy (MeV)

57-La-124

MAT 5683

673.5 keV (n,n') Level
Legendre Coefficients

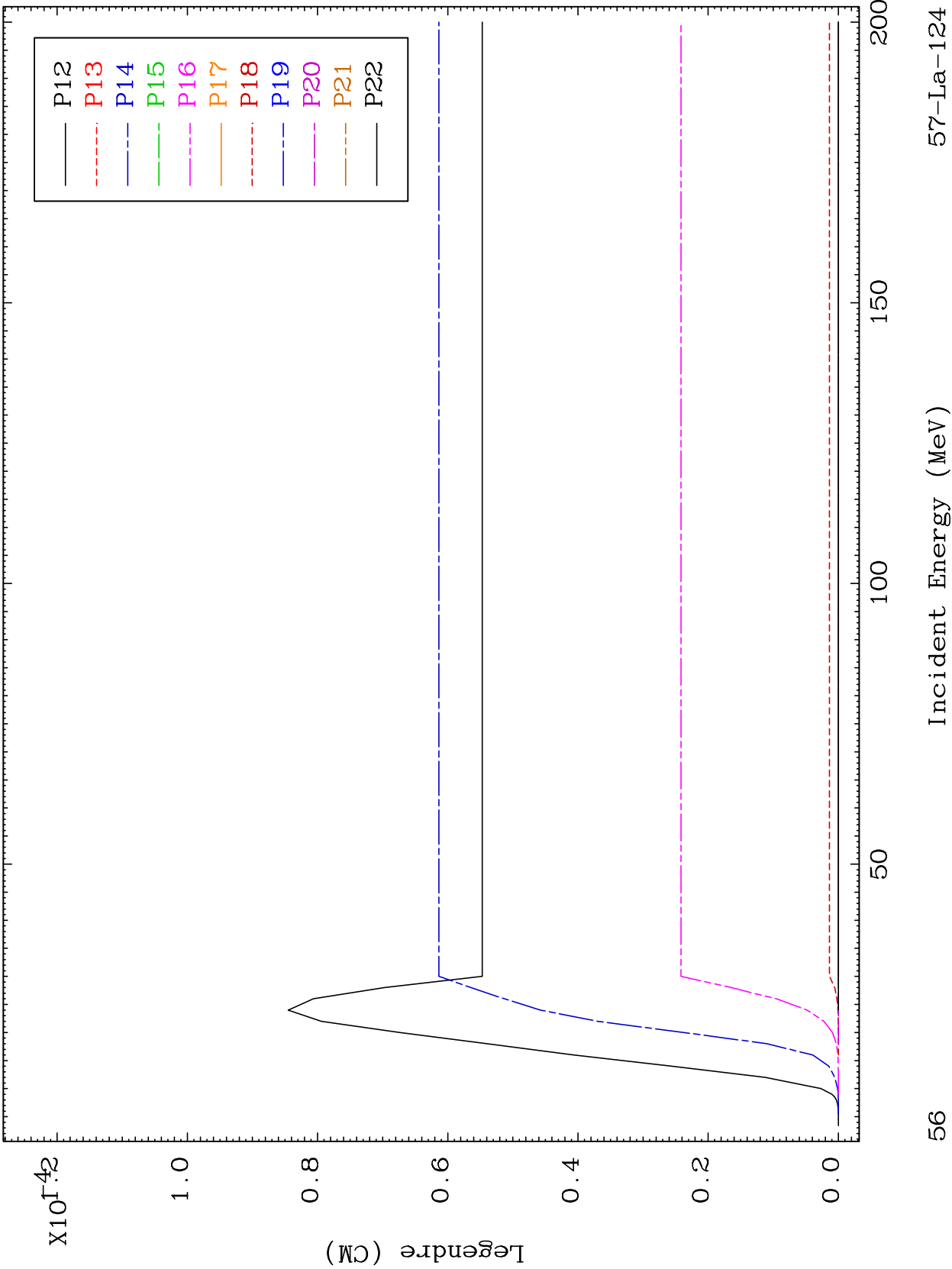
57-La-124

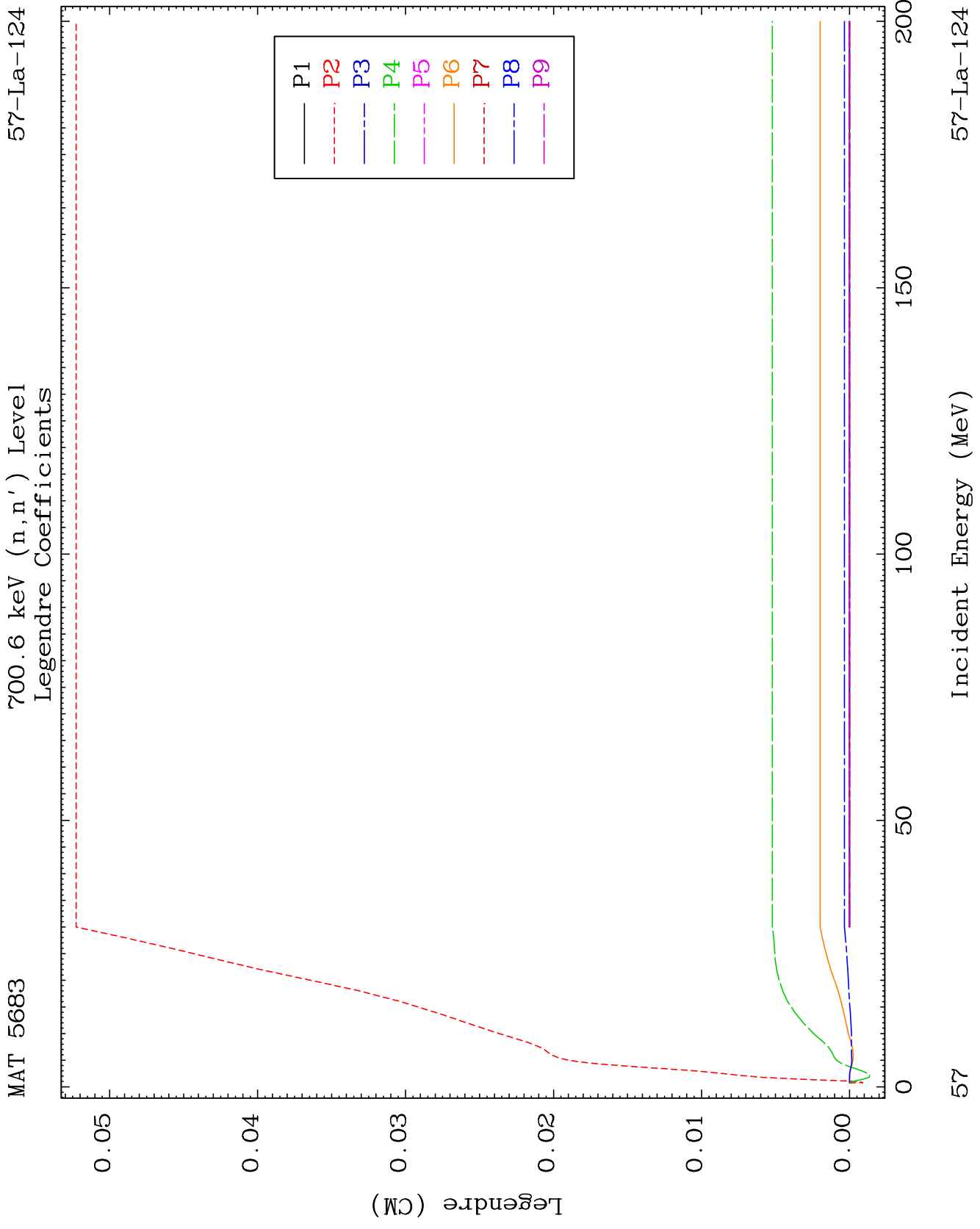


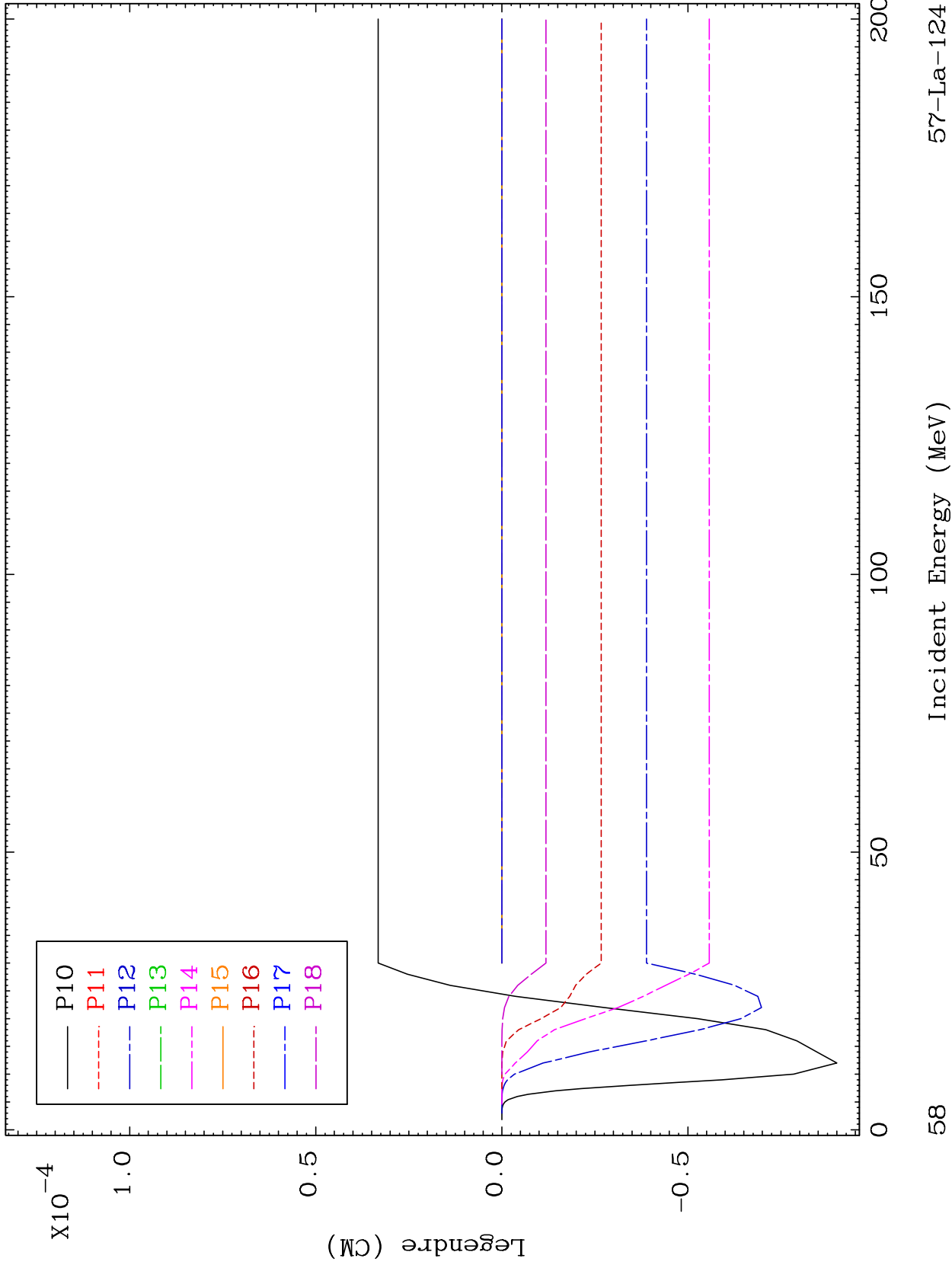
54

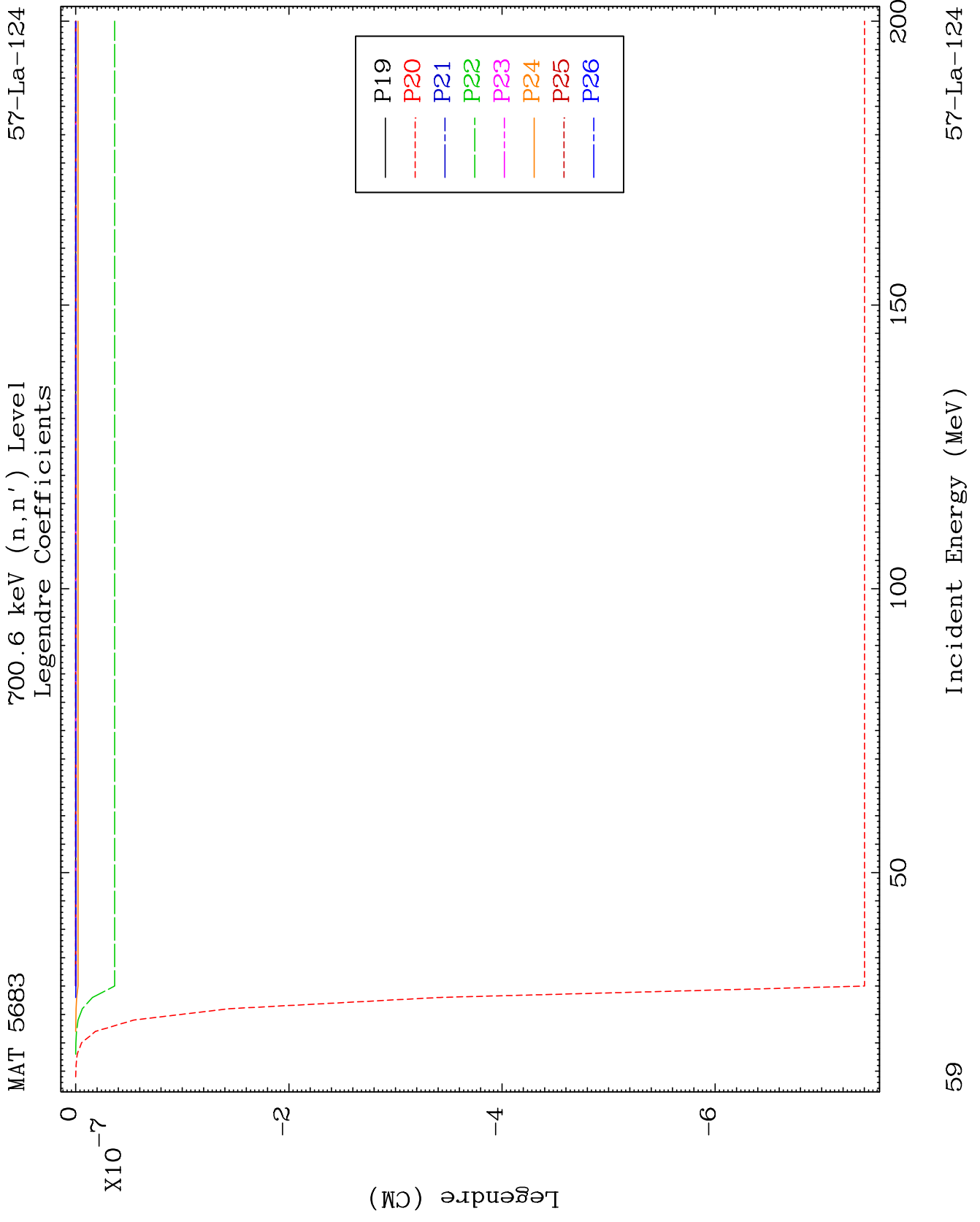
Incident Energy (MeV)

57-La-124





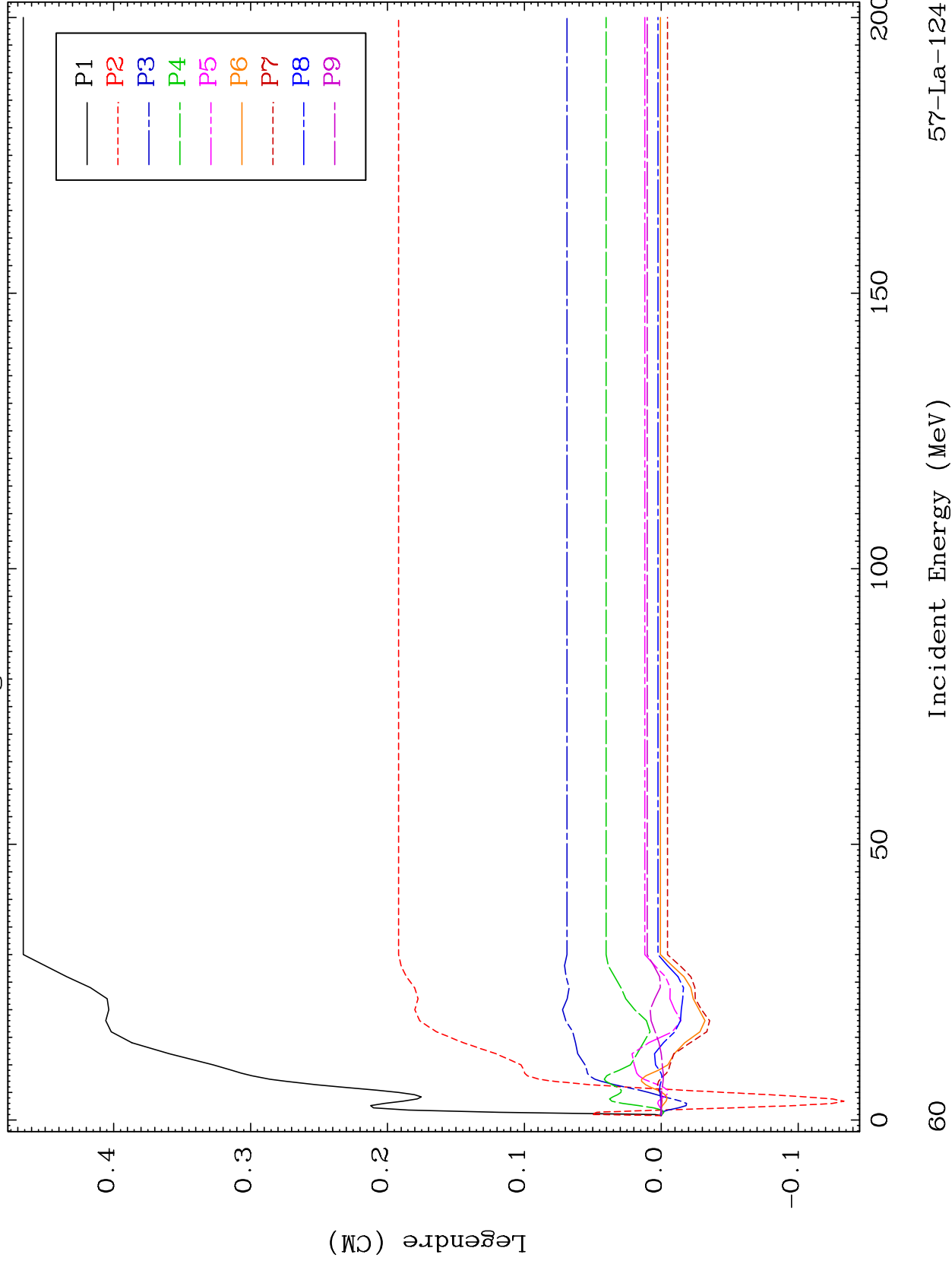




MAT 5683

707.7 keV (n,n') Level
Legendre Coefficients

57-La-124

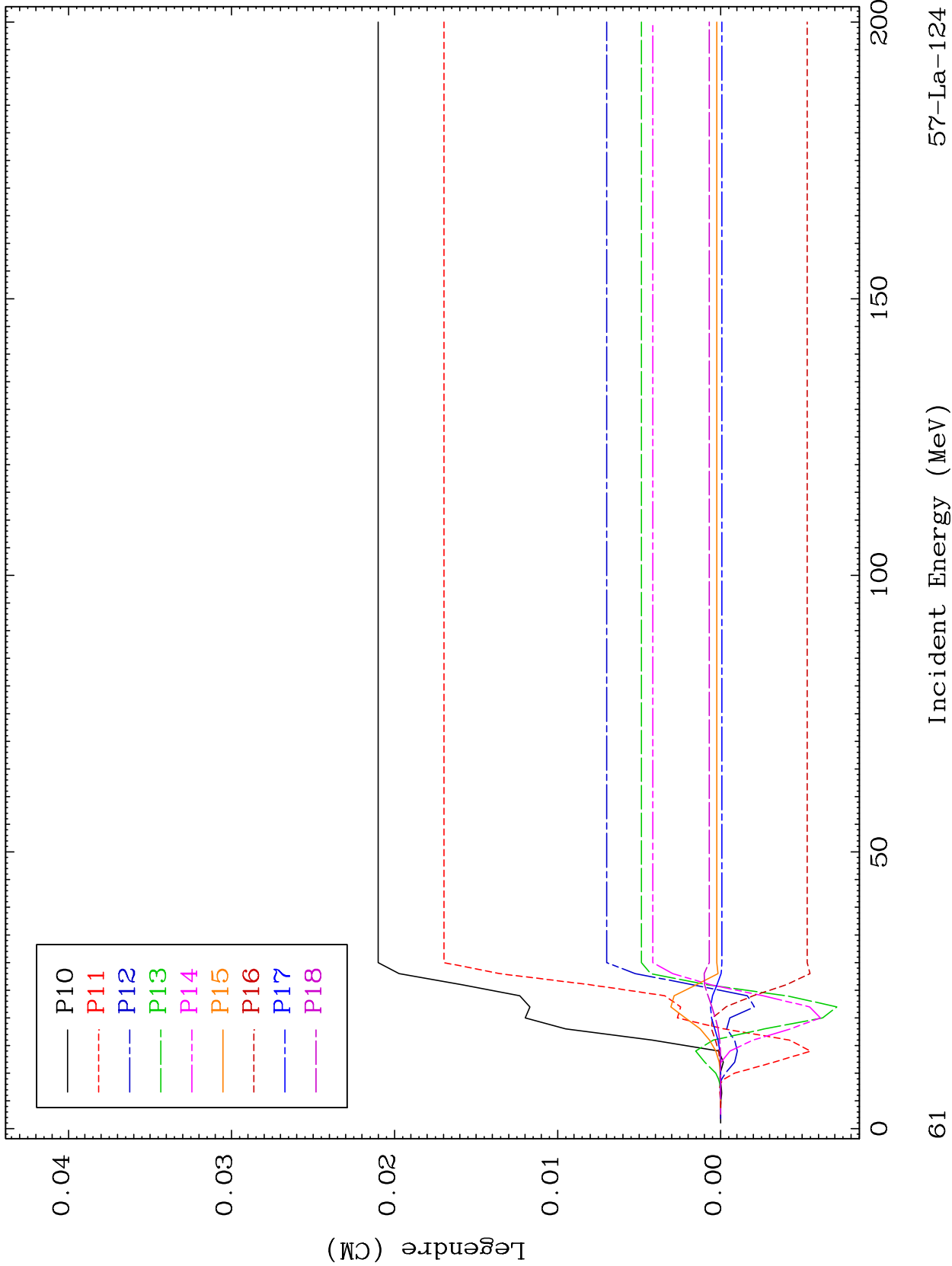


57-La-124

MAT 5683

707.7 keV (n,n') Level
Legendre Coefficients

57-La-124



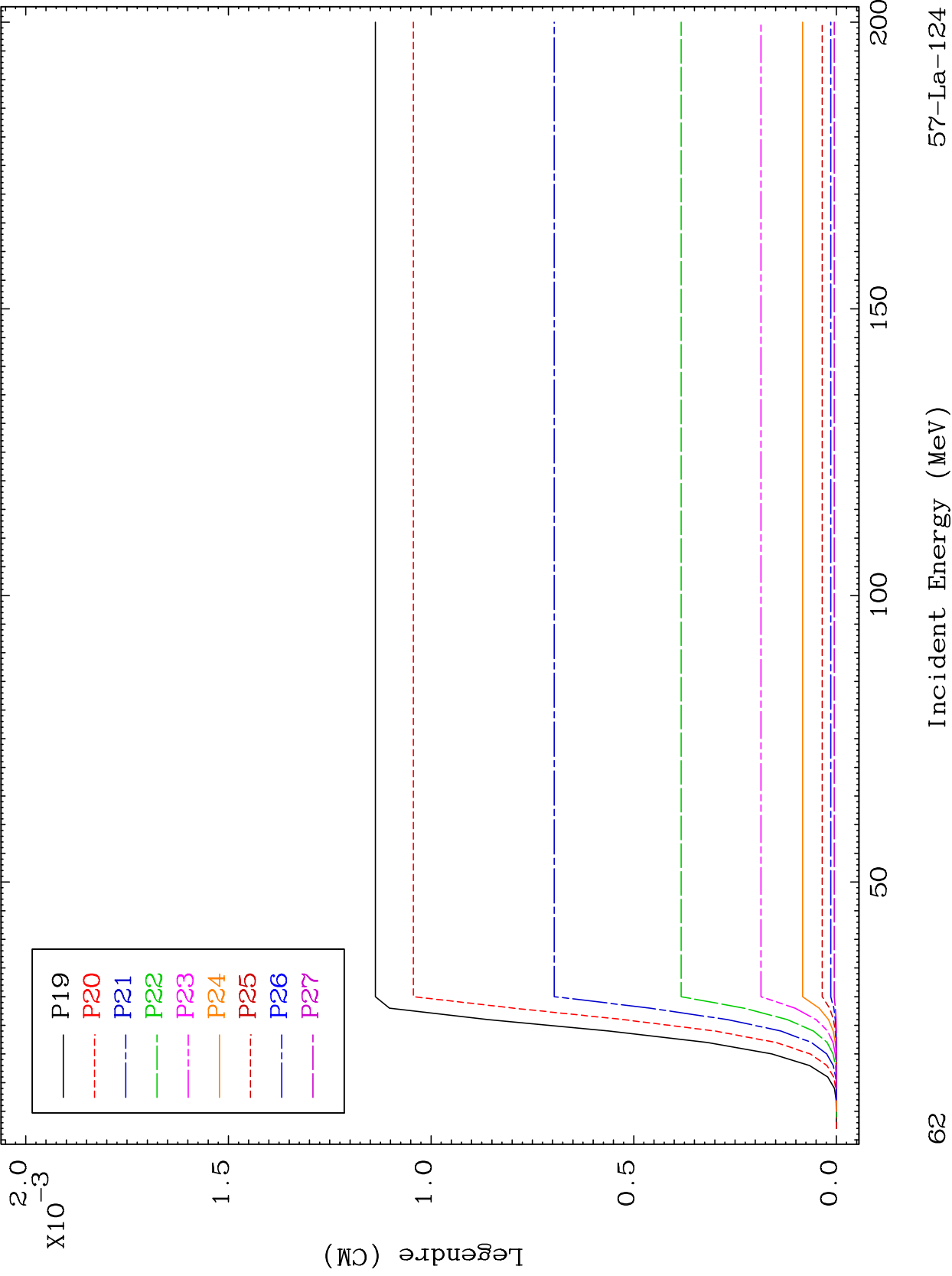
61

57-La-124

MAT 5683

707.7 keV (n,n') Level
Legendre Coefficients

57-La-124



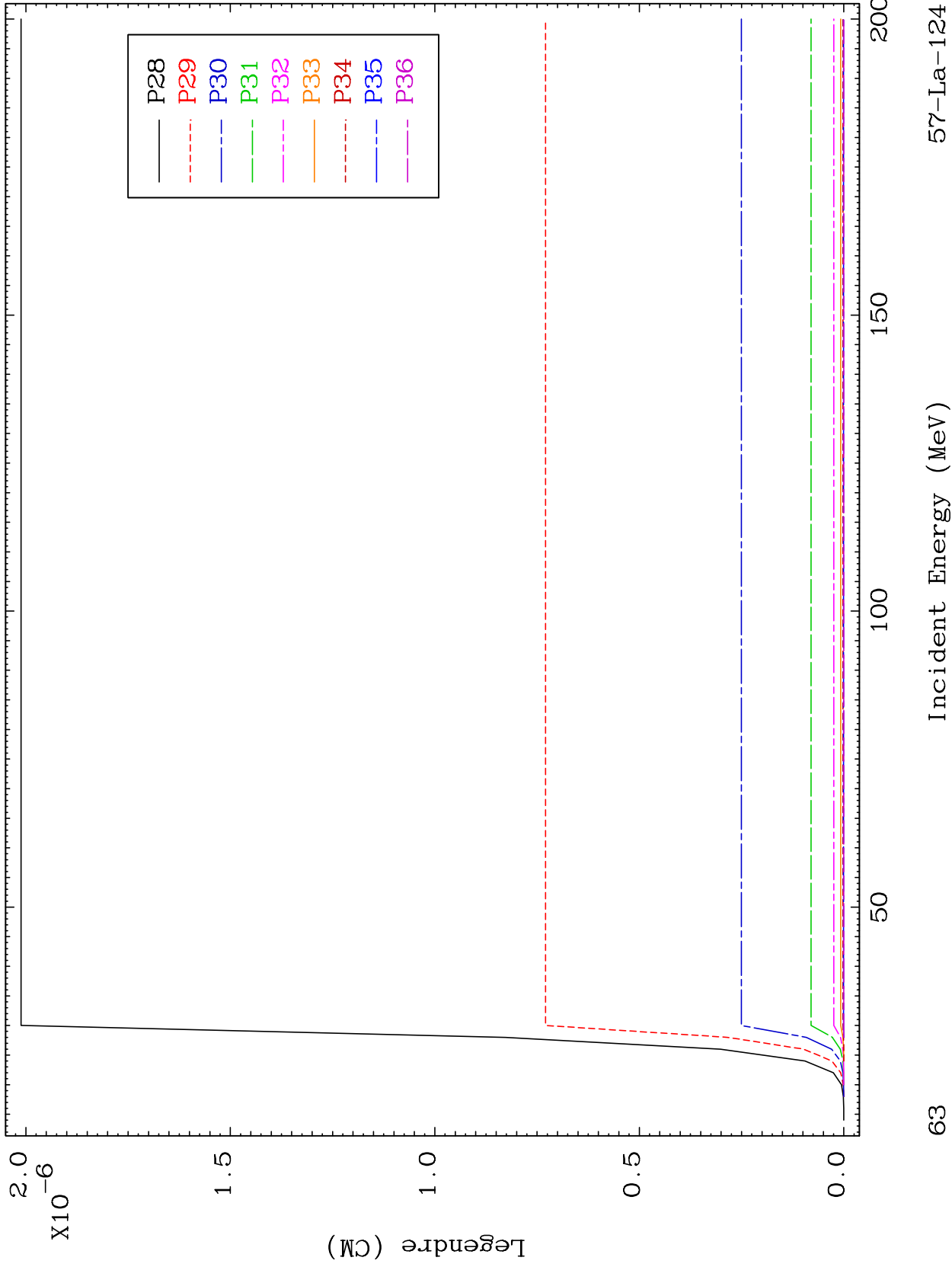
62

57-La-124

MAT 5683

707.7 keV (n,n') Level
Legendre Coefficients

57-La-124



63

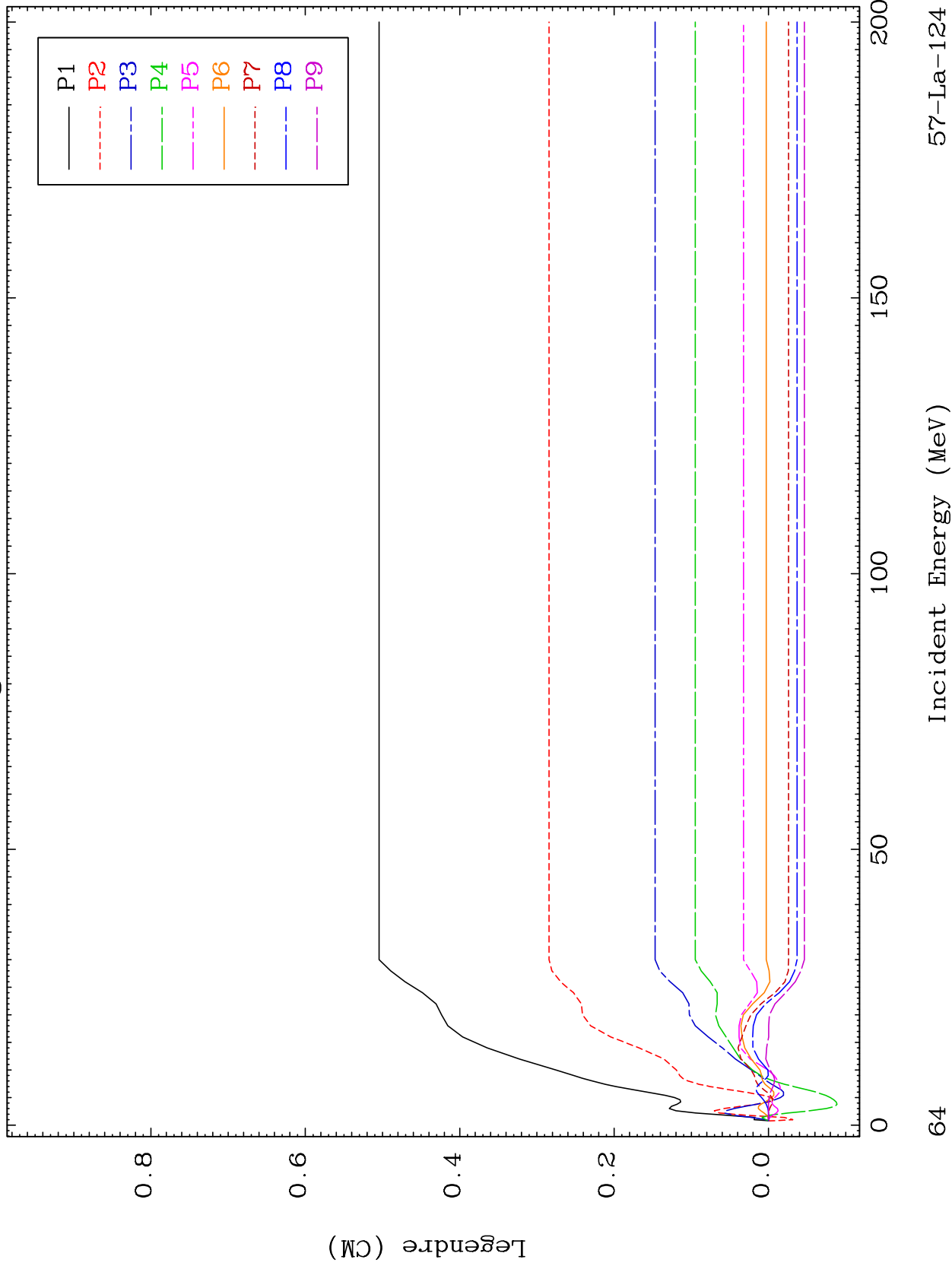
Incident Energy (MeV)

57-La-124

MAT 5683

751.4 keV (n,n') Level
Legendre Coefficients

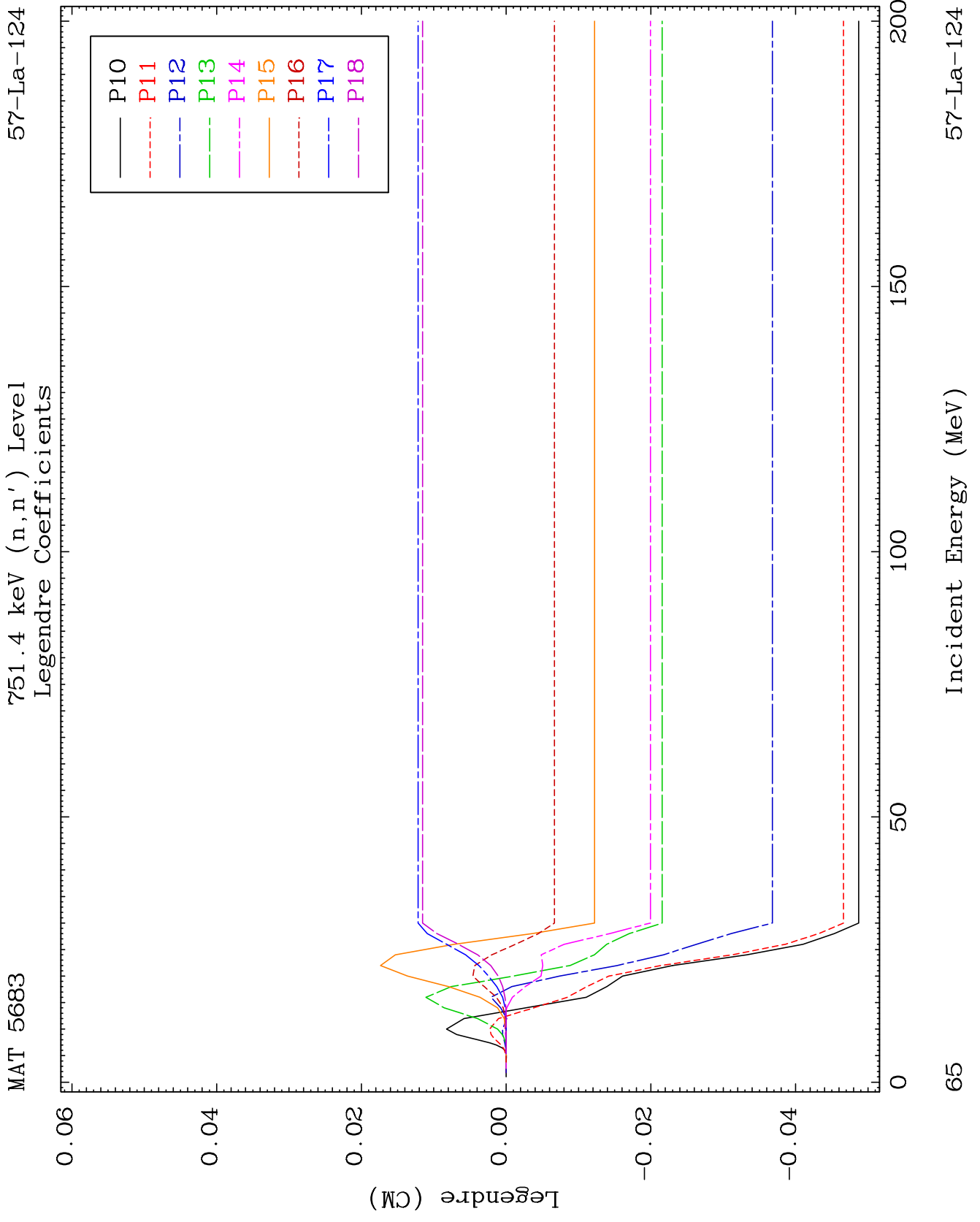
57-La-124

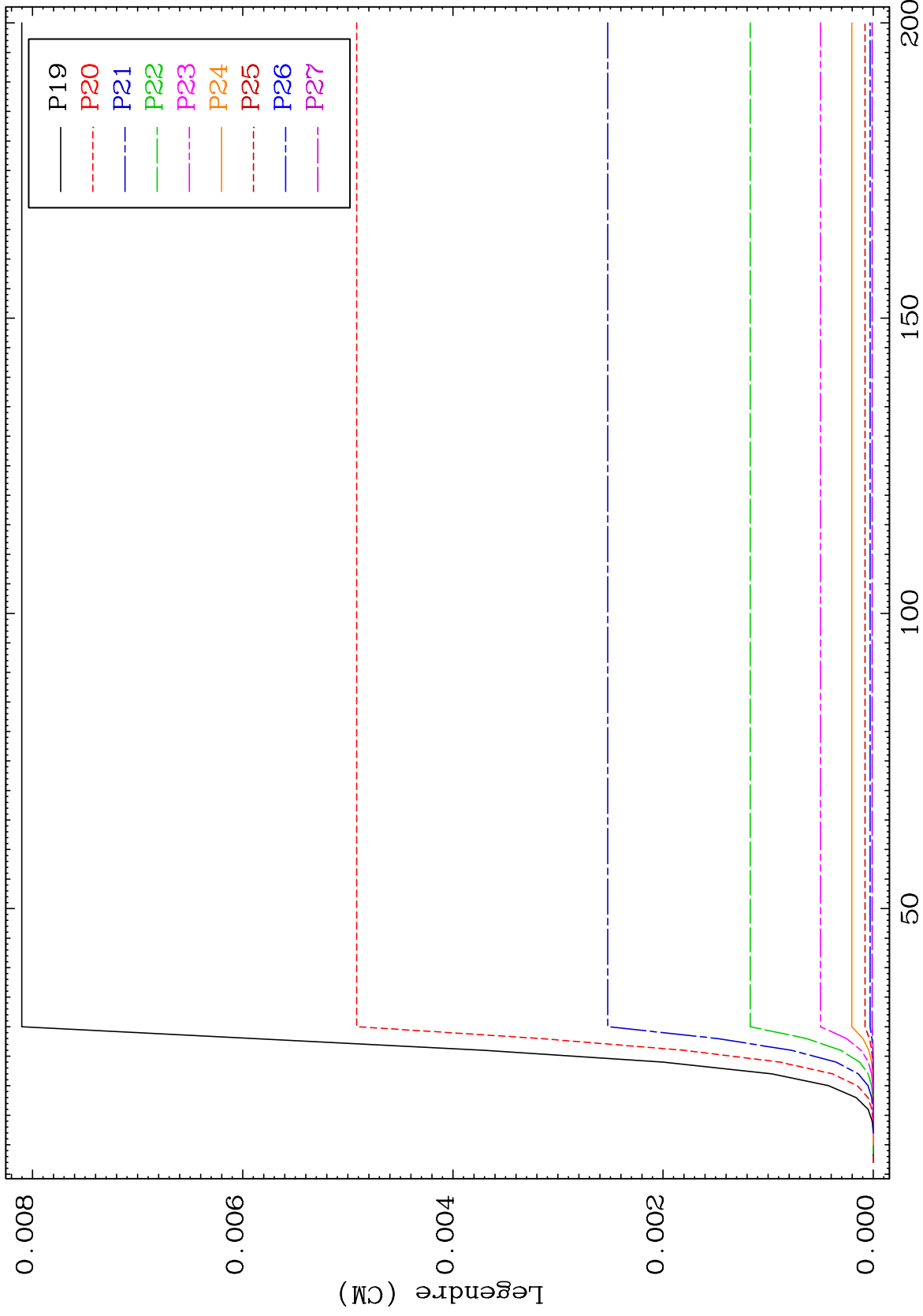


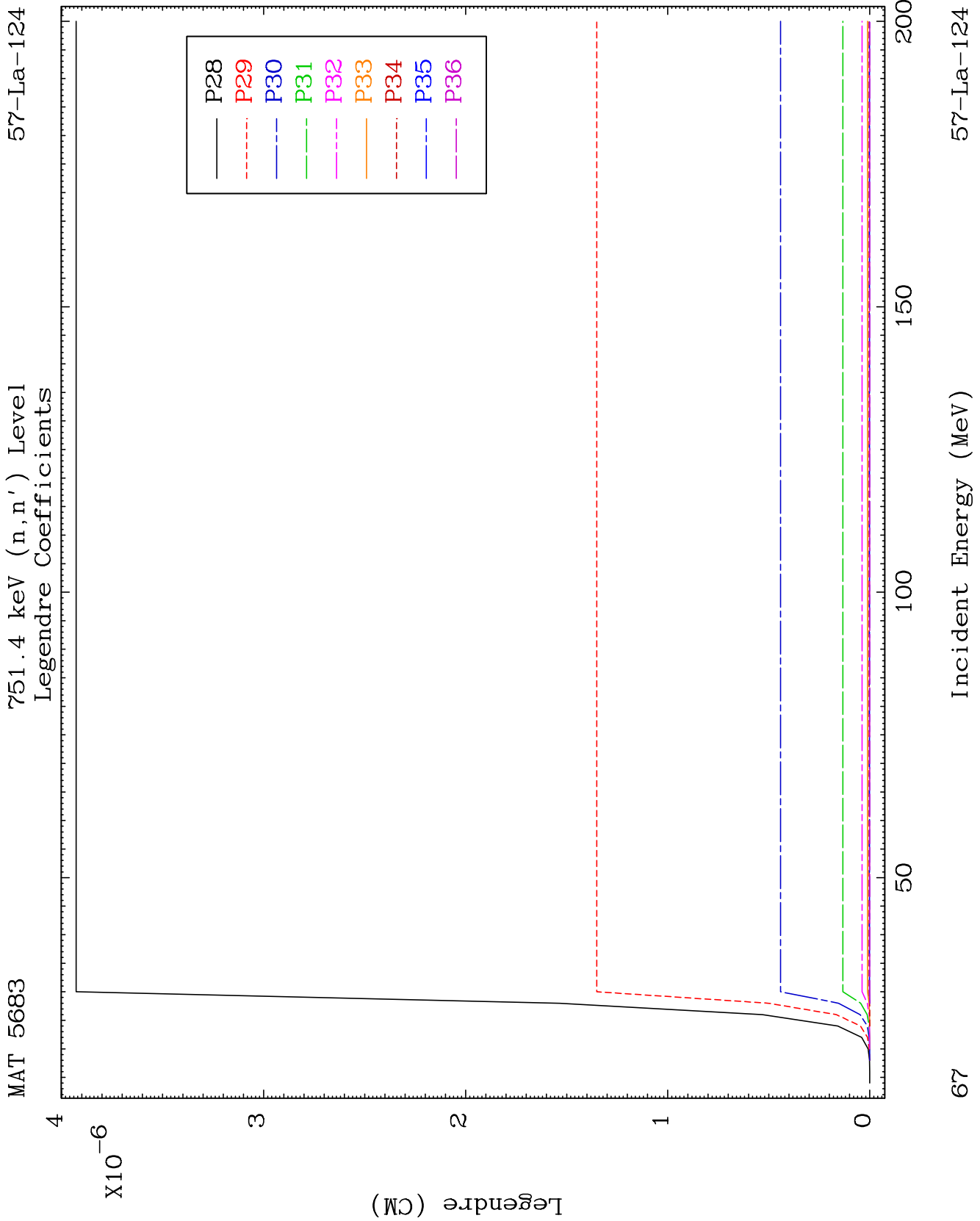
57-La-124

Incident Energy (MeV)

64



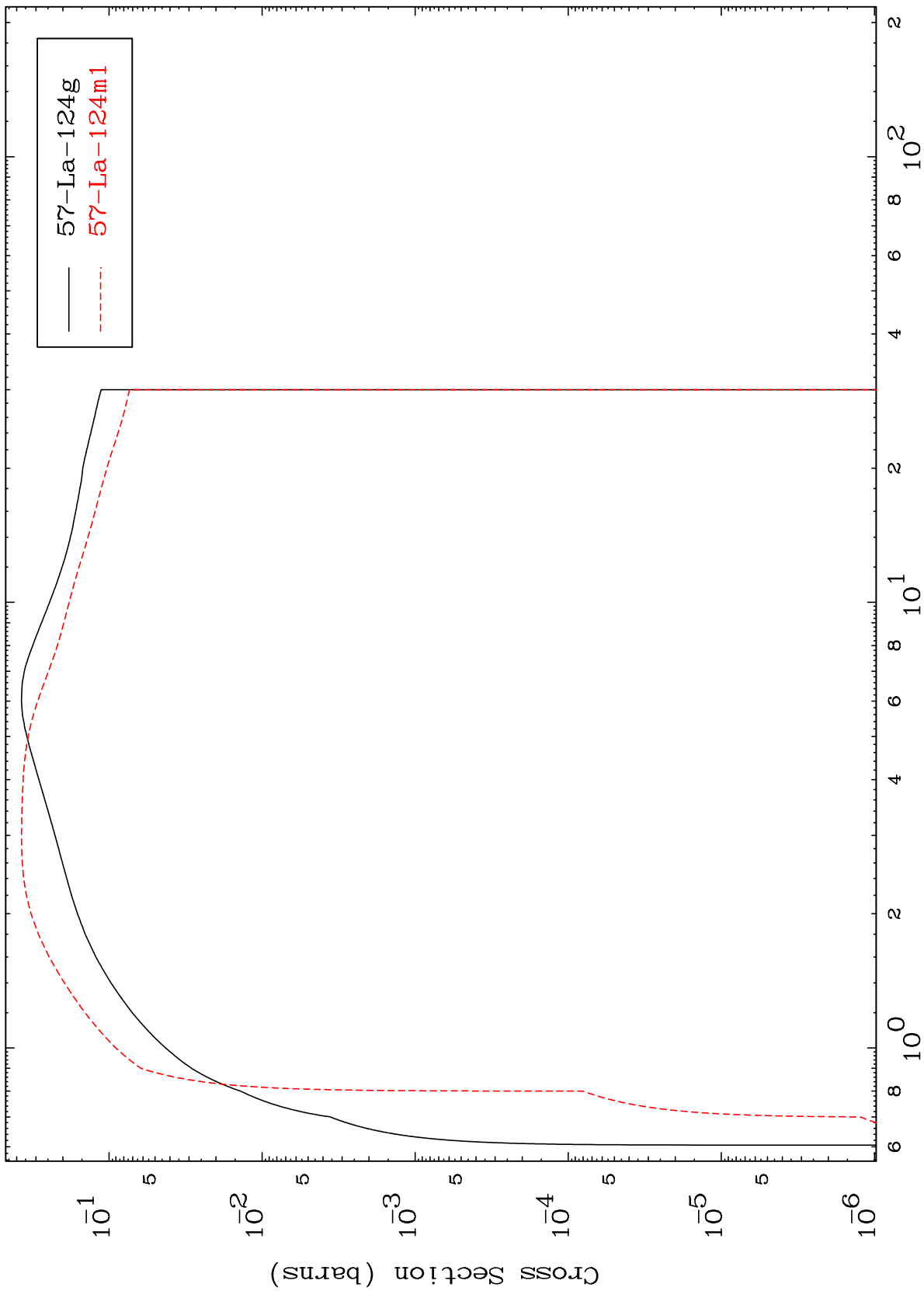




MAT 5683

57-La-124

Inelastic
Radionuclide Production Cross Section



68

Incident Energy (MeV)

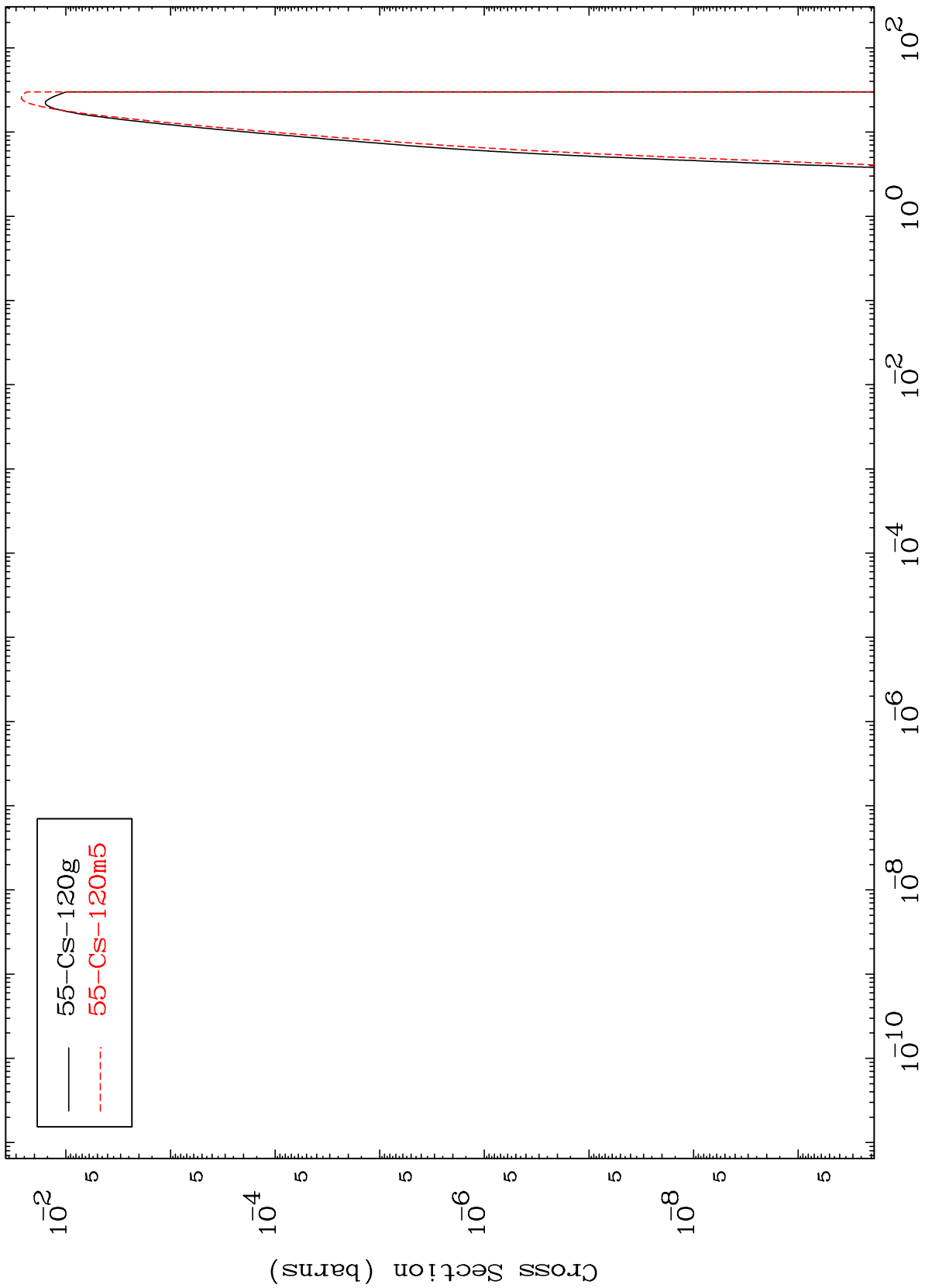
57-La-124

MAT 5683

(n,n') α

57-La-124

Radionuclide Production Cross Section

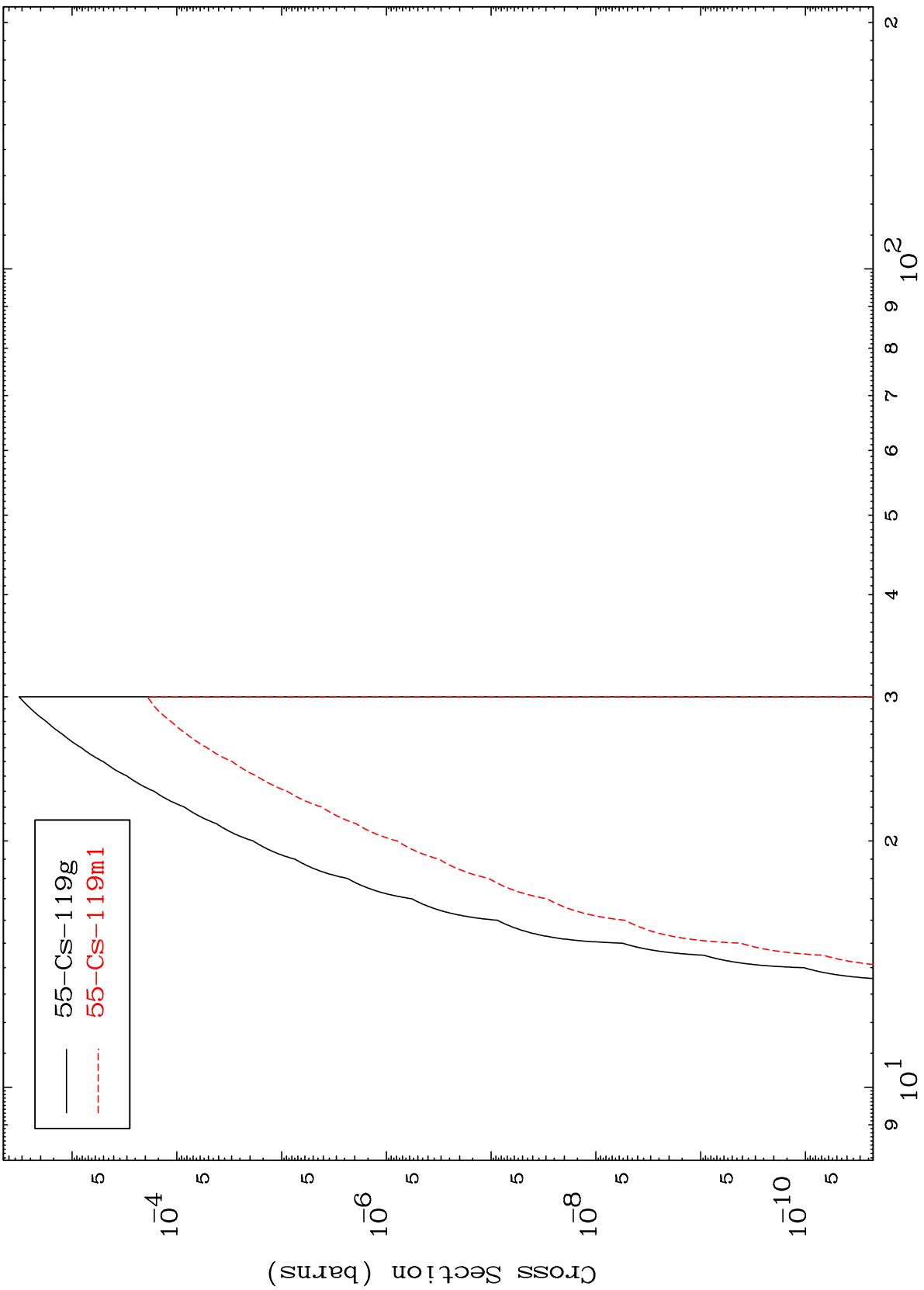


MAT 5683

(n,2n) α

57-La-124

Radionuclide Production Cross Section



70

Incident Energy (MeV)

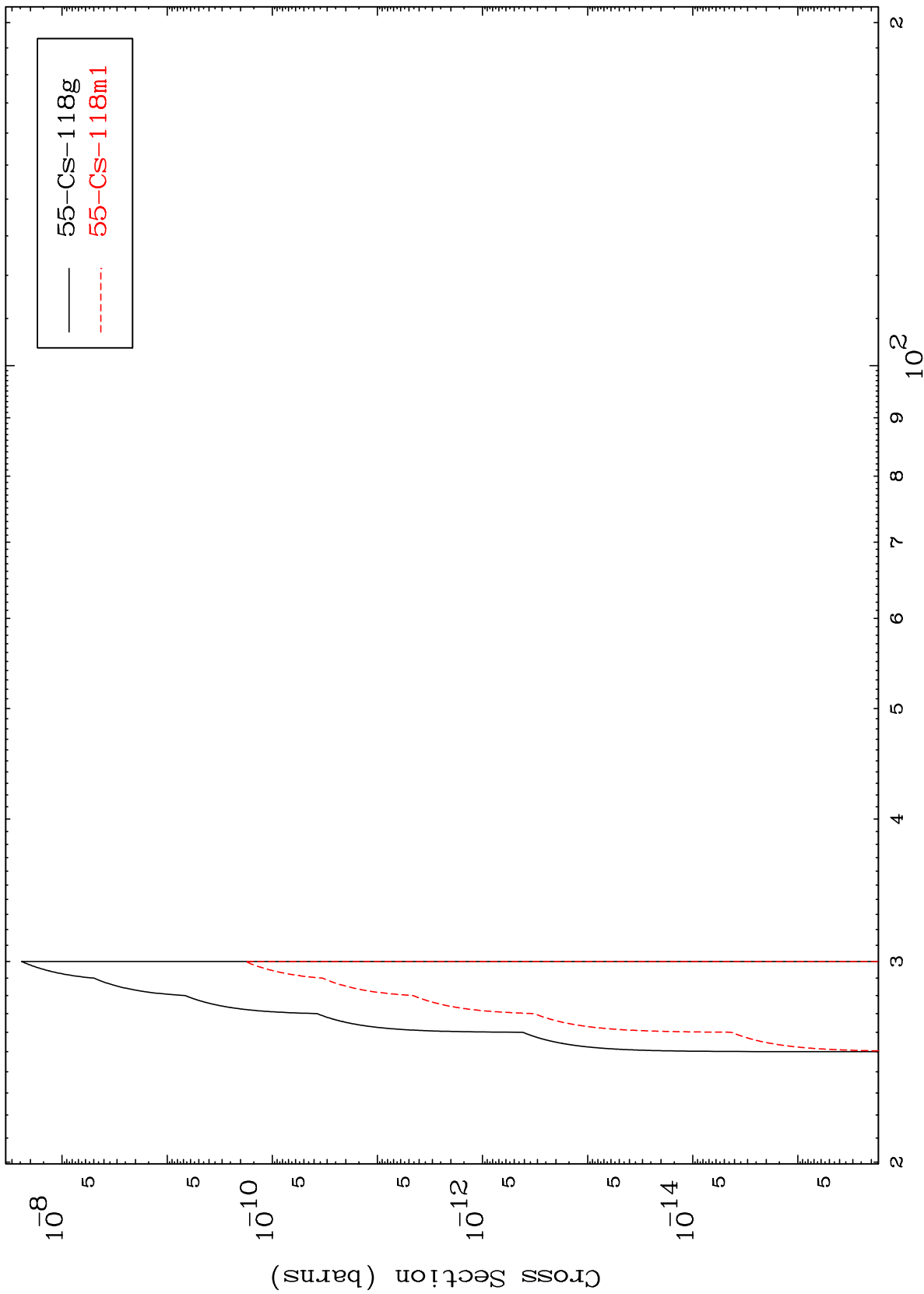
57-La-124

MAT 5683

(n,3n) α

57-La-124

Radionuclide Production Cross Section



71

Incident Energy (MeV)

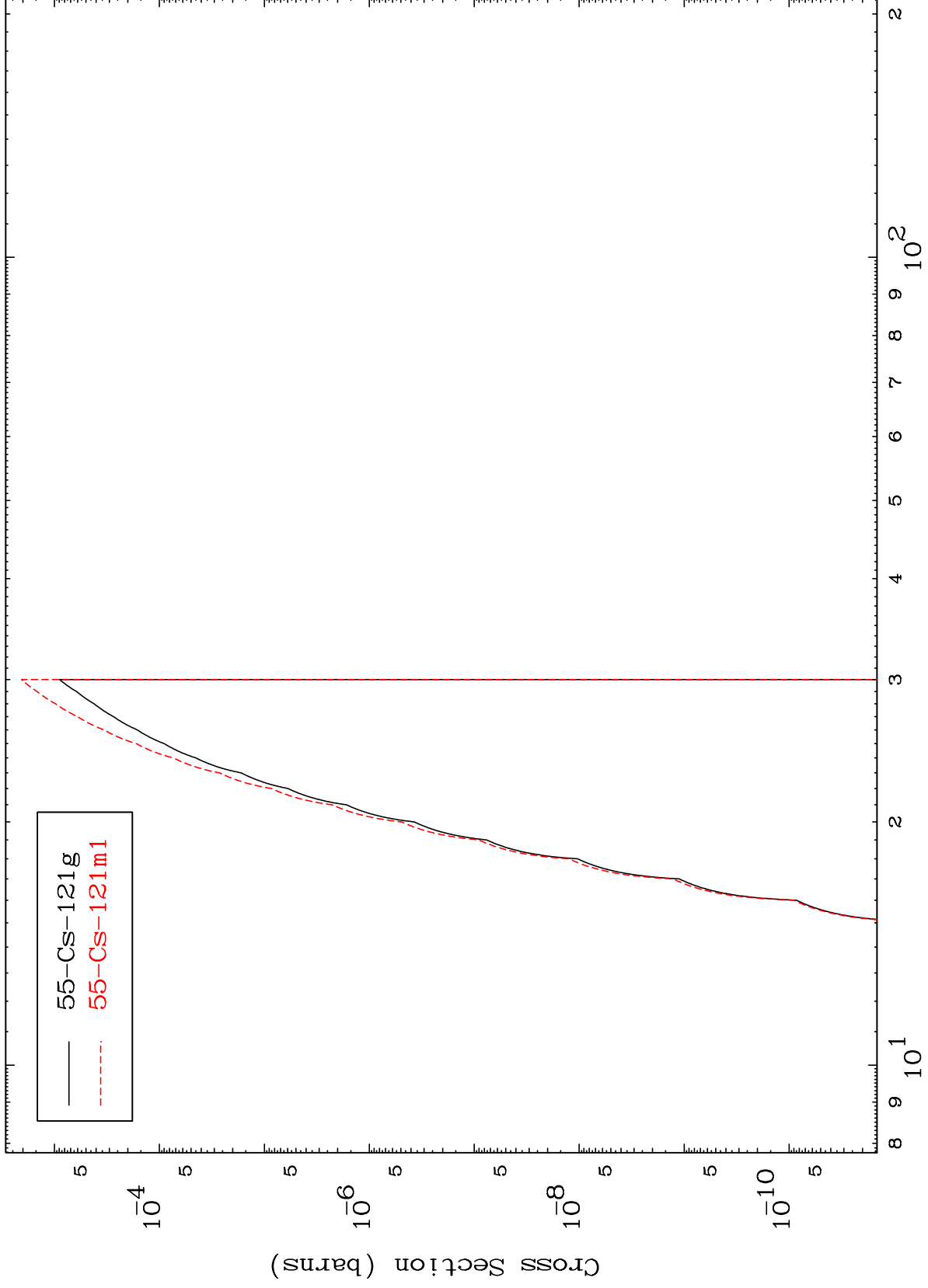
57-La-124

MAT 5683

(n,n') He-3

57-La-124

Radionuclide Production Cross Section



72

Incident Energy (MeV)

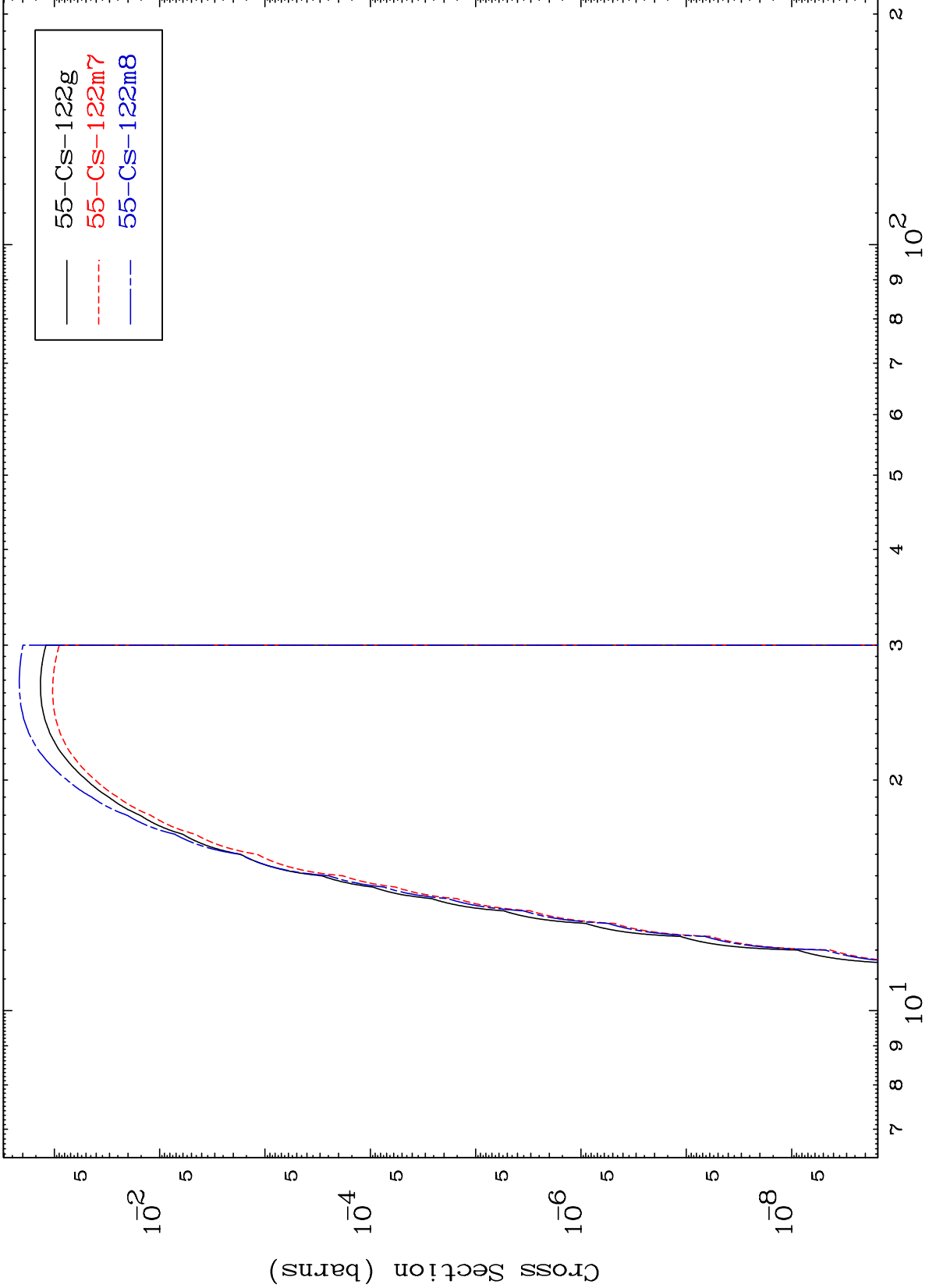
57-La-124

MAT 5683

(n,2n) p

57-La-124

Radionuclide Production Cross Section



73

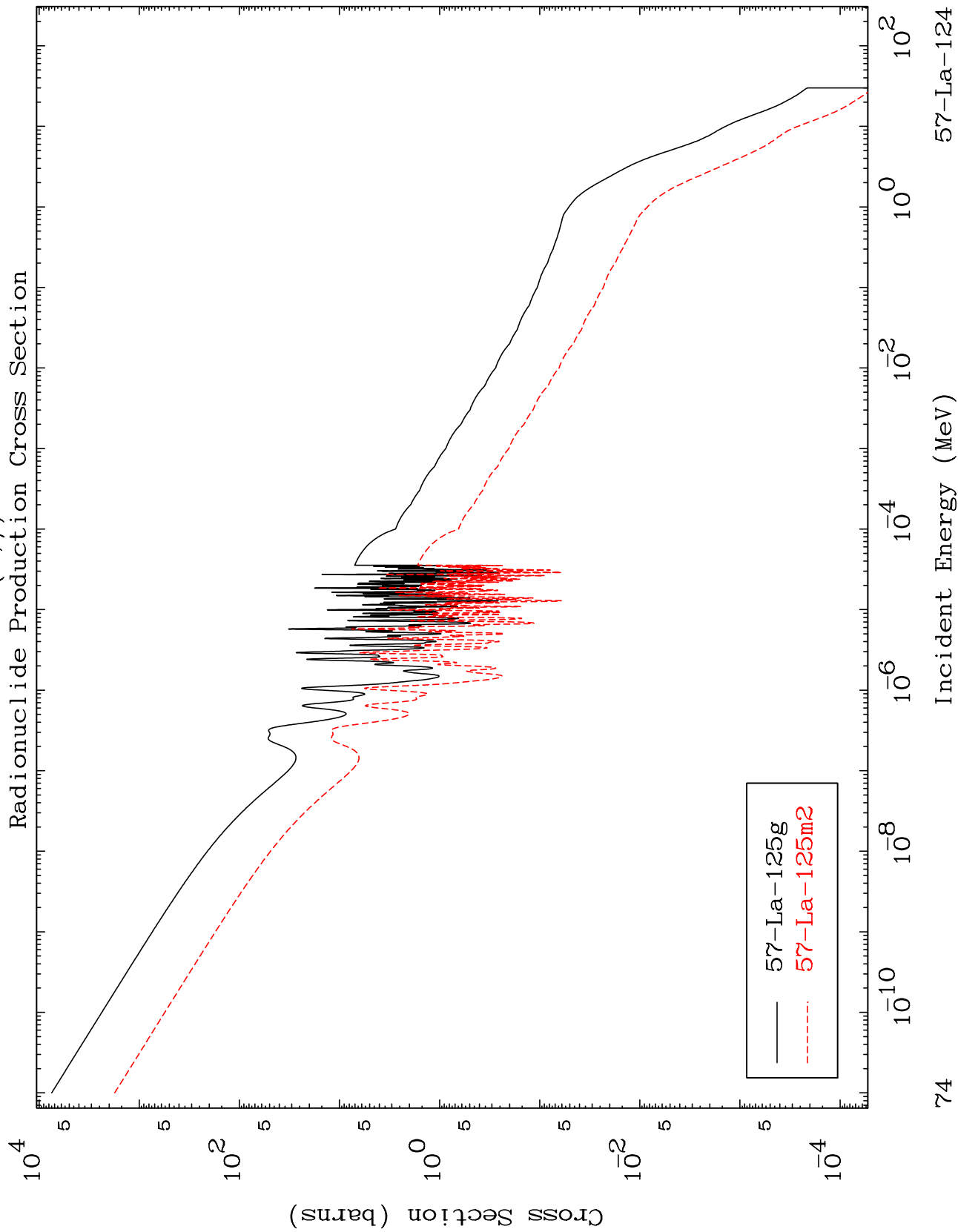
Incident Energy (MeV)

57-La-124

MAT 5683

57-La-124

Radionuclide Production Cross Section
(n, γ)

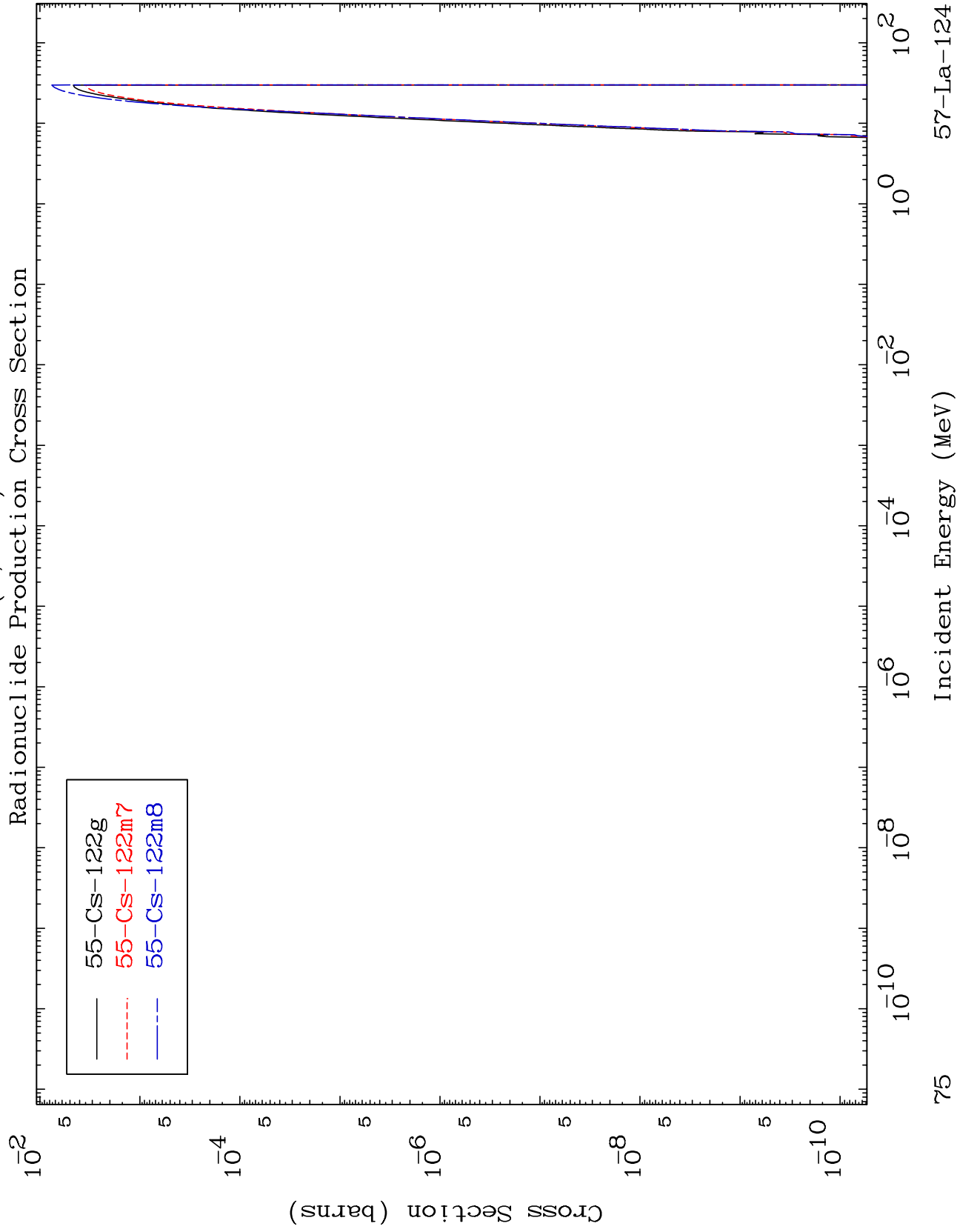


MAT 5683

(n,He-3)

57-La-124

Radionuclide Production Cross Section



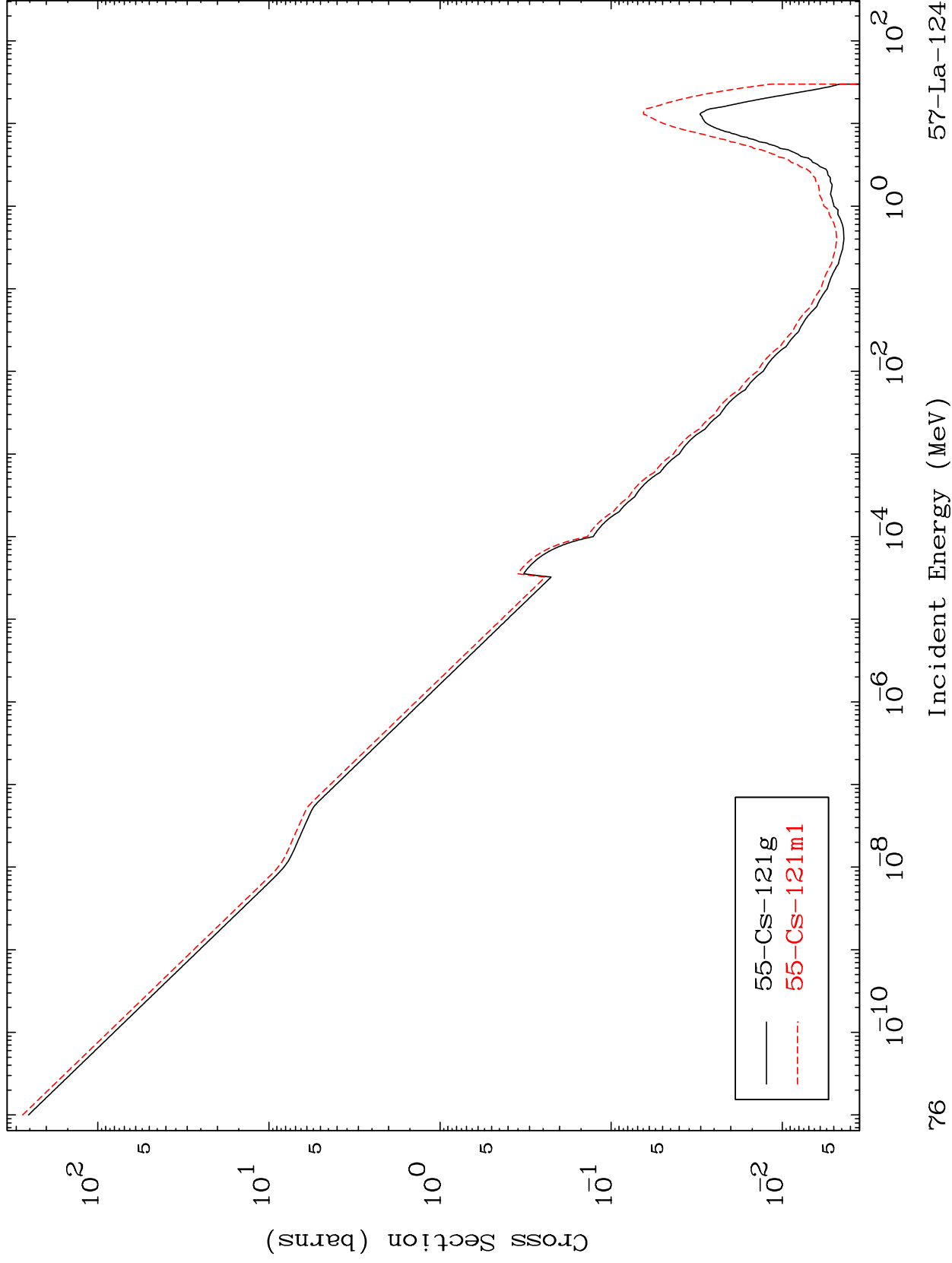
75

MAT 5683

(n, α)

57-La-124

Radionuclide Production Cross Section



76

MAT 5683

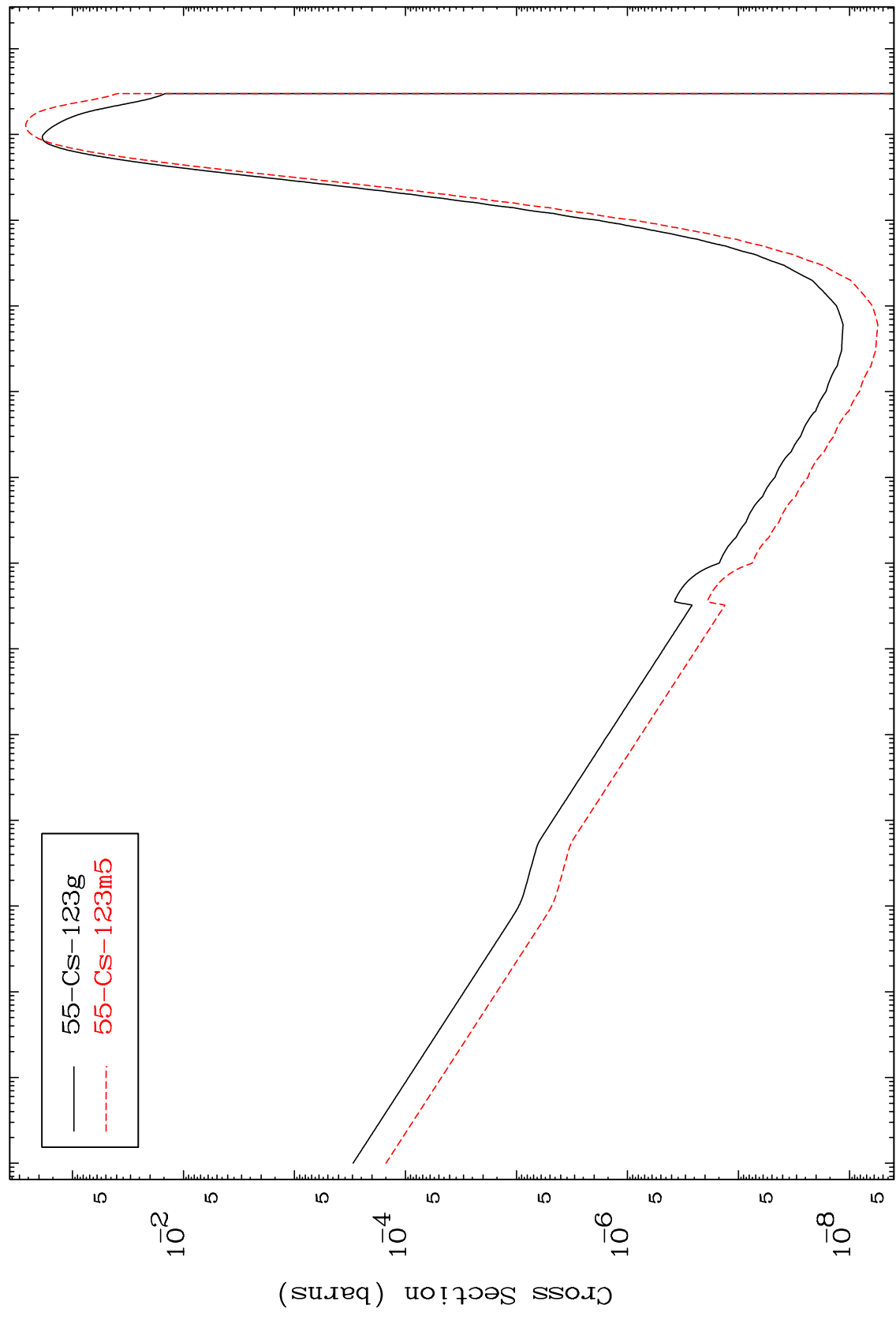
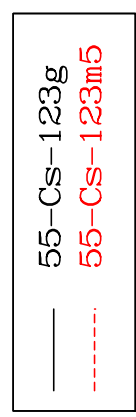
57-La-124

57-La-124

Incident Energy (MeV)

77

Radionuclide Production Cross Section (n,2p)

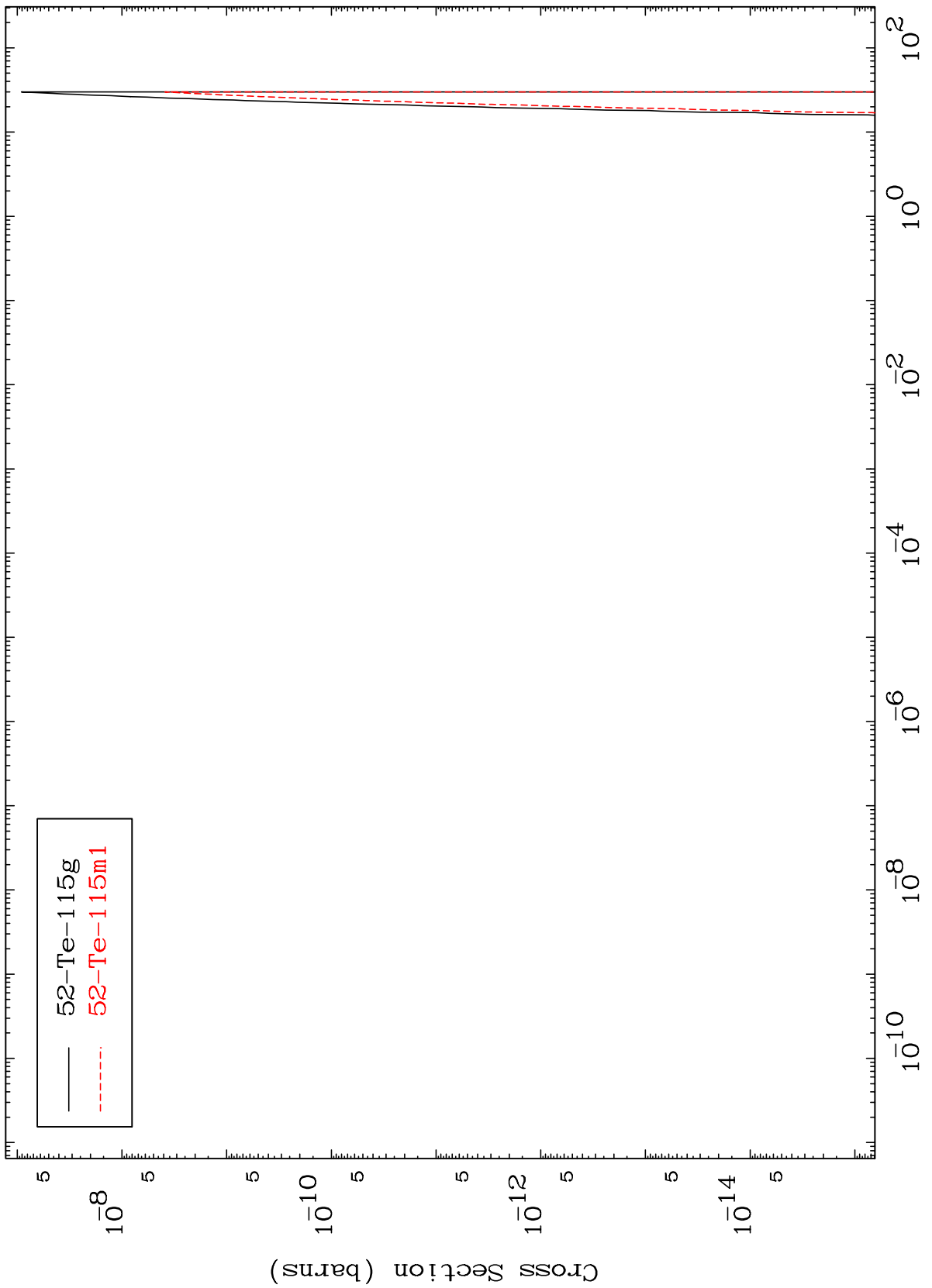


MAT 5683

(n,d) 2α

57-La-124

Radionuclide Production Cross Section



52-Te-115g
52-Te-115m1

78

Incident Energy (MeV)

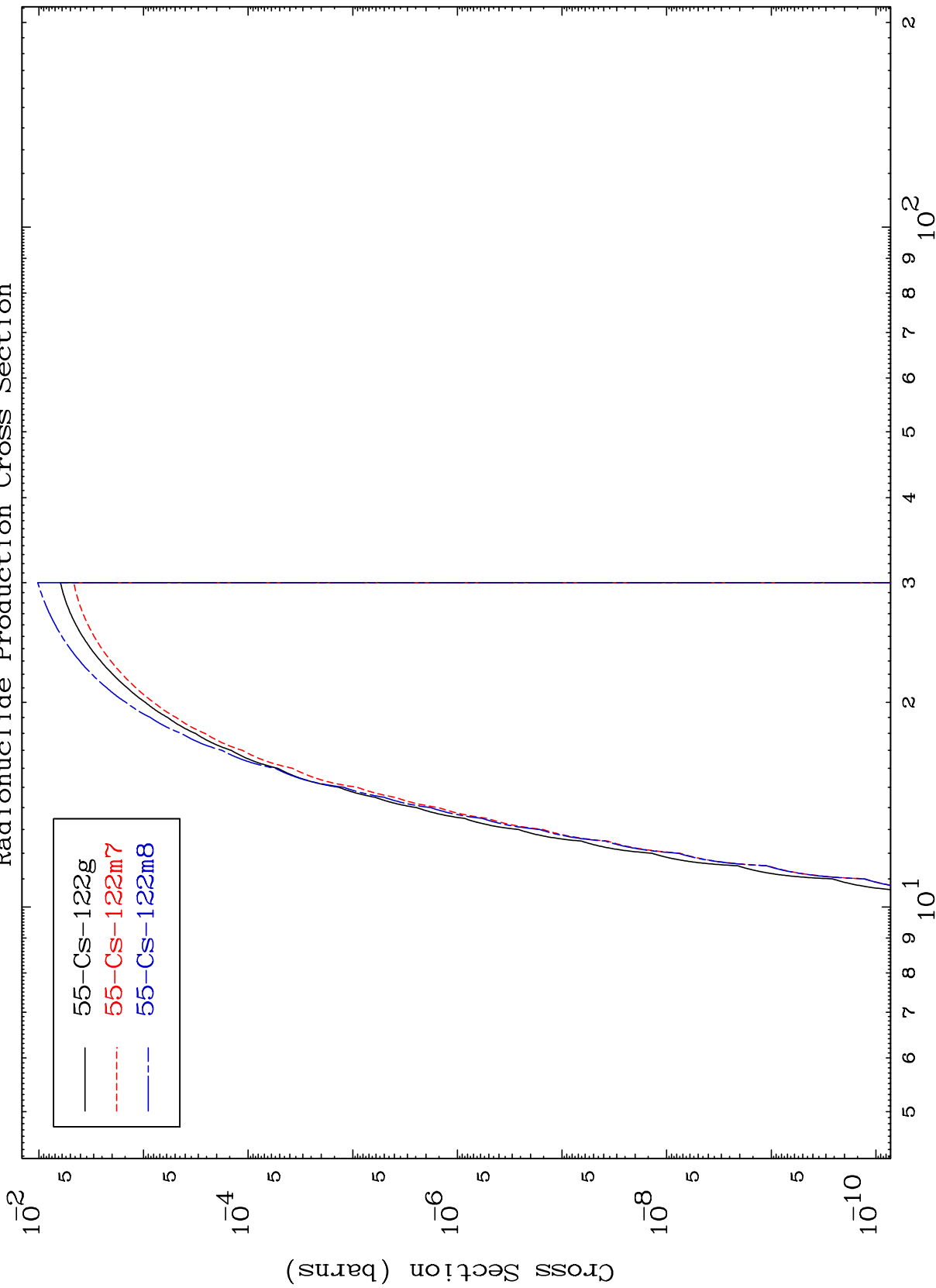
57-La-124

MAT 5683

(n,p) d

57-La-124

Radionuclide Production Cross Section



79

Incident Energy (MeV)

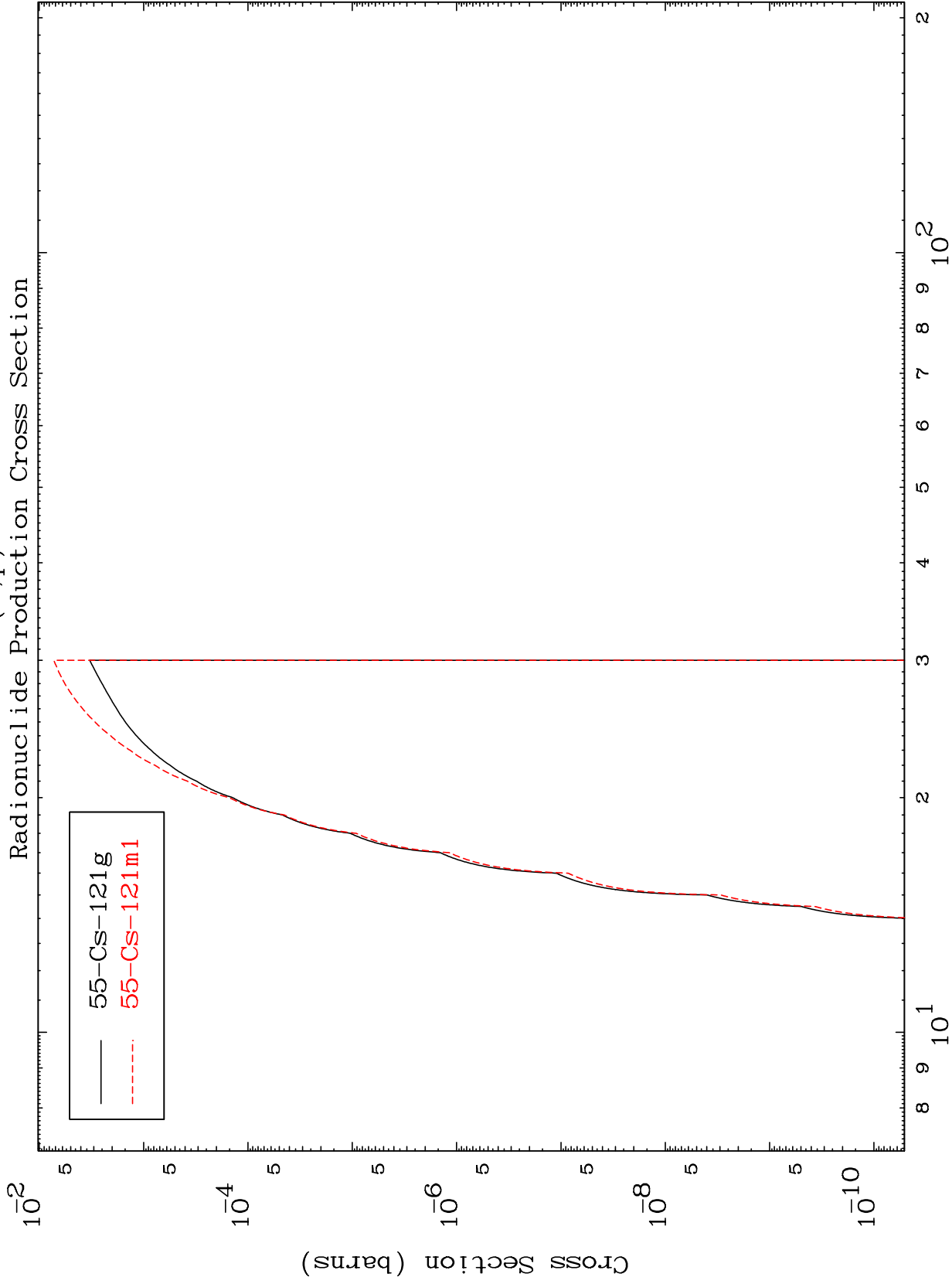
57-La-124

MAT 5683

(n,p) t

57-La-124

Radionuclide Production Cross Section



80

Incident Energy (MeV)

57-La-124