

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

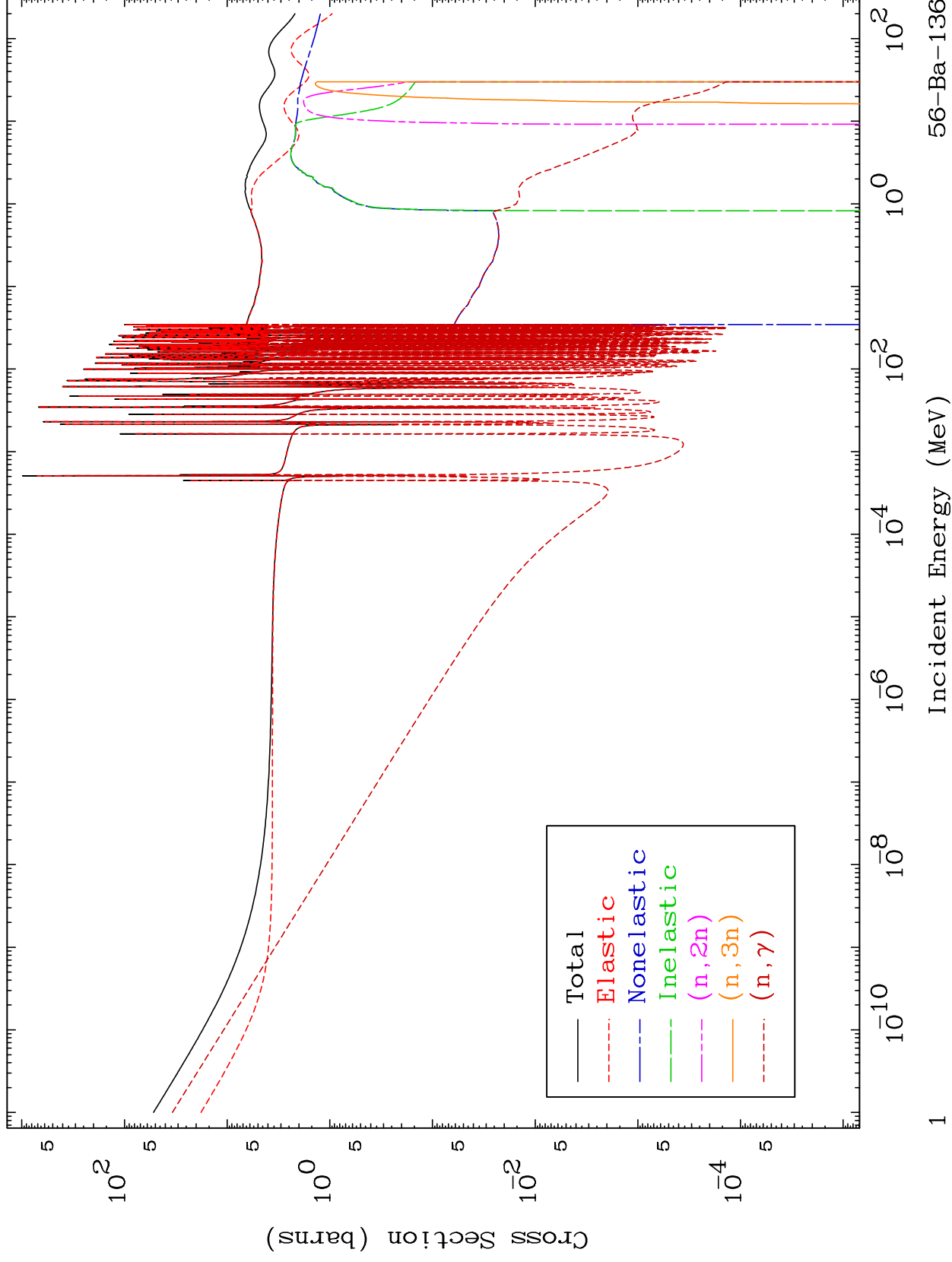
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5643

Neutron Major
293 Kelvin Cross Sections

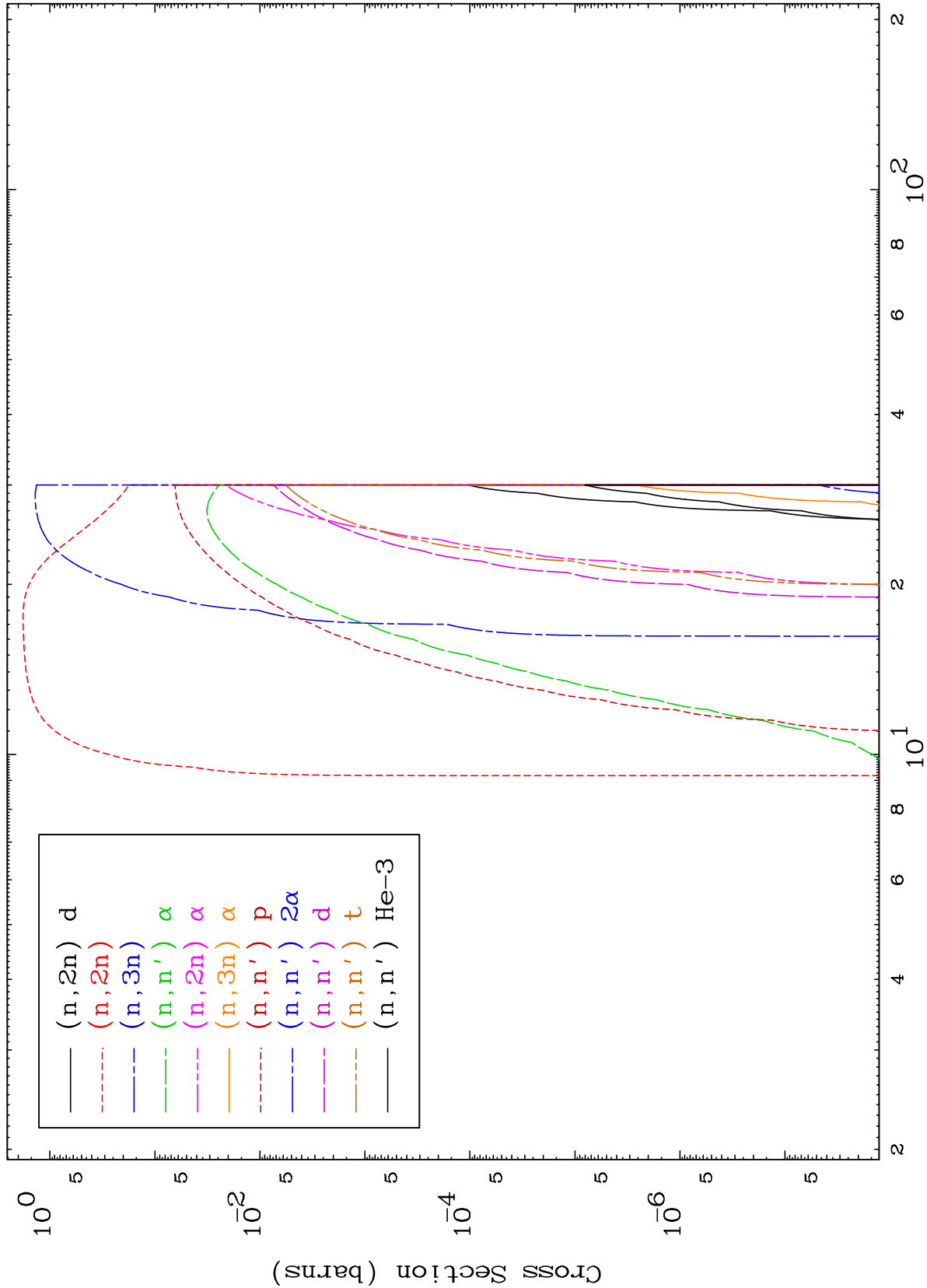
56-Ba-136



MAT 5643

Neutron Absorption
293 Kelvin Cross Sections

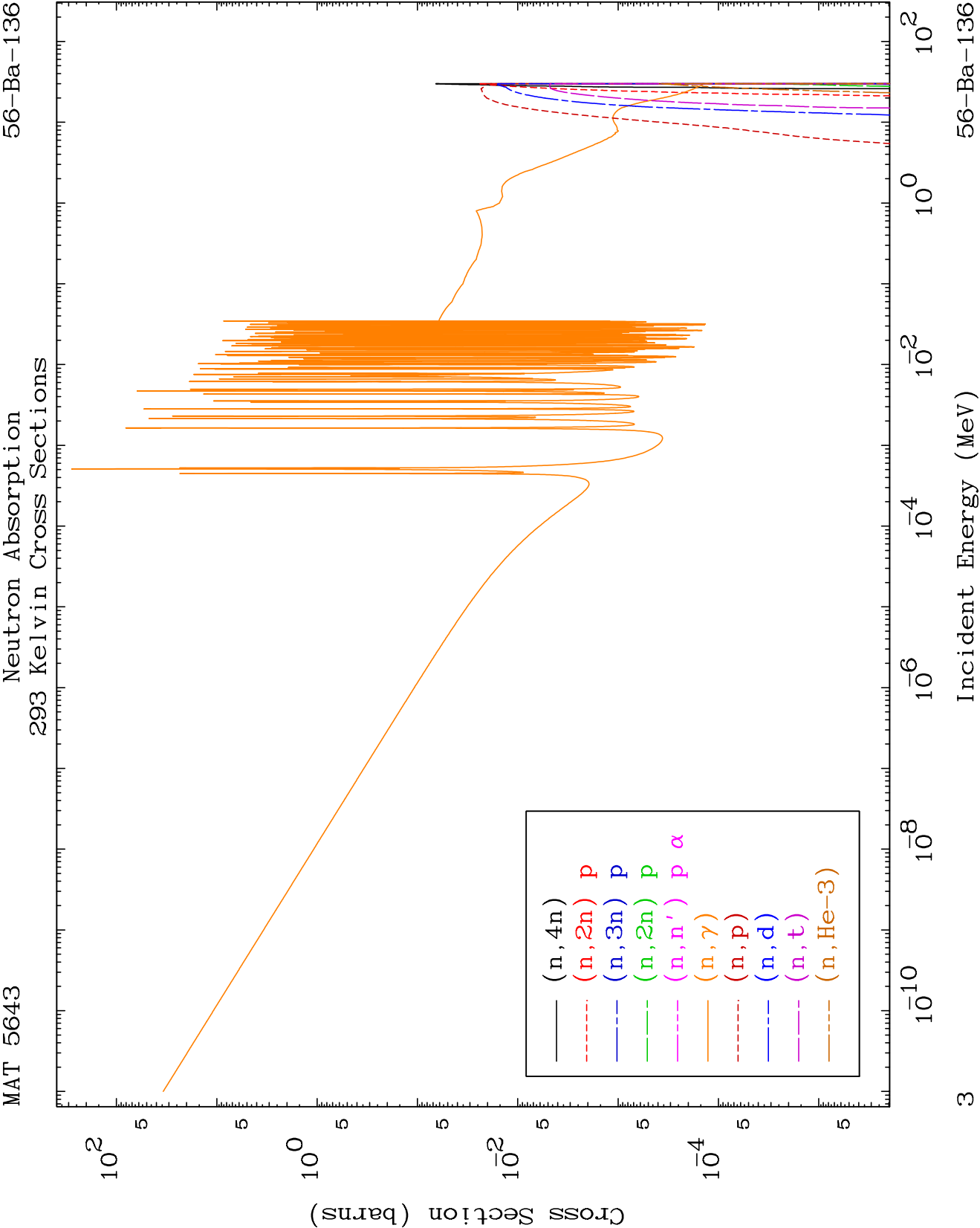
56-Ba-136

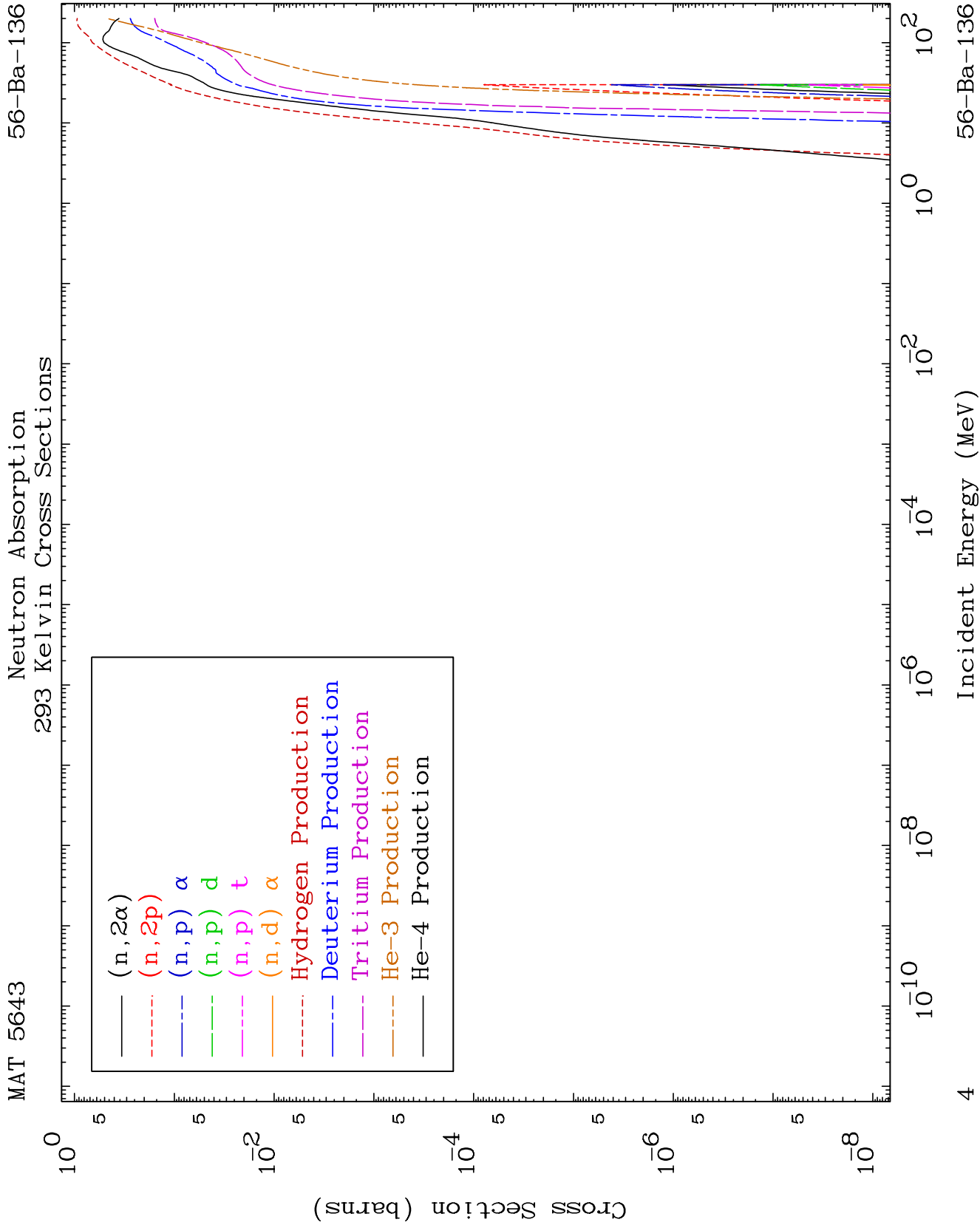


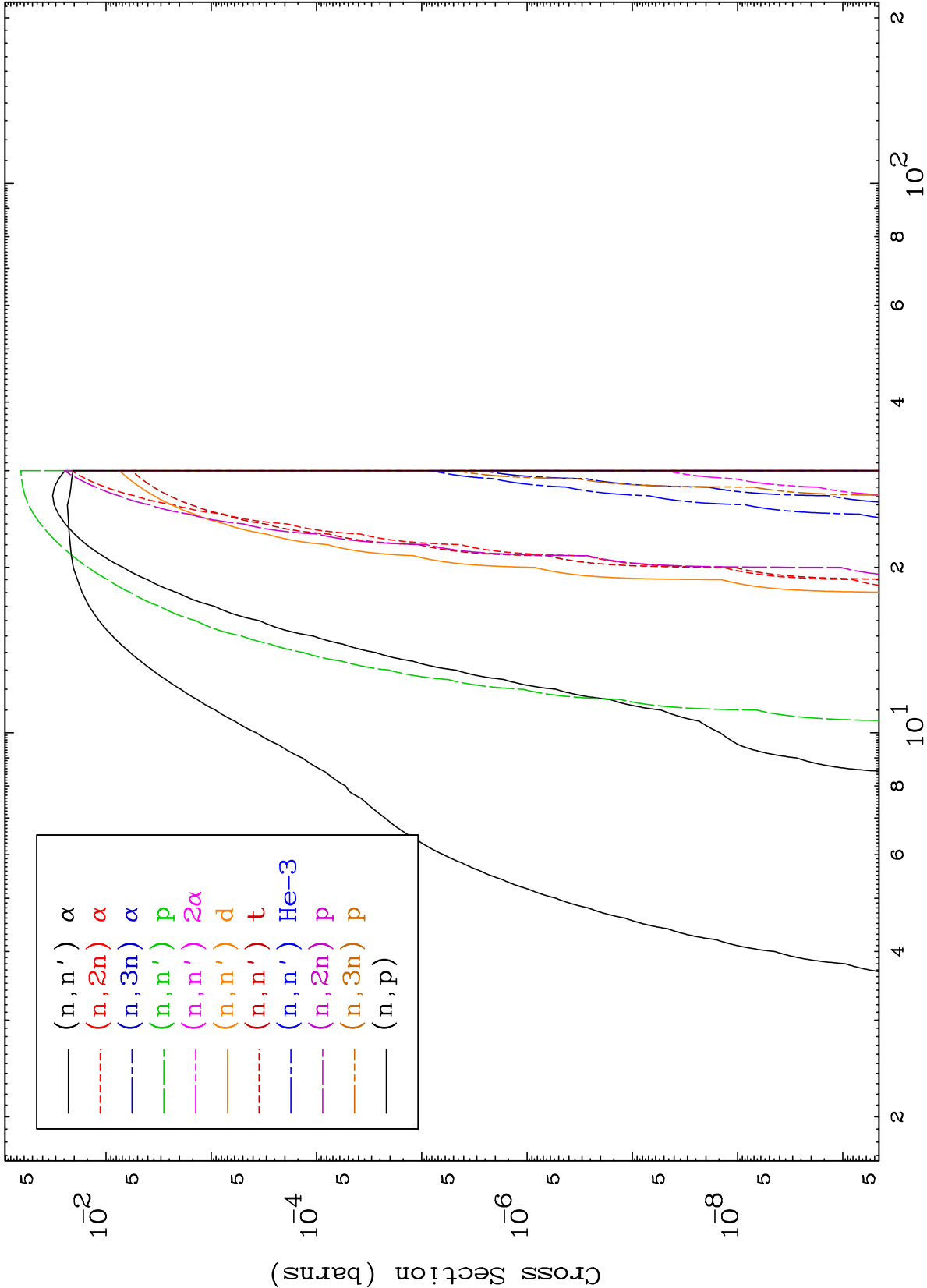
56-Ba-136

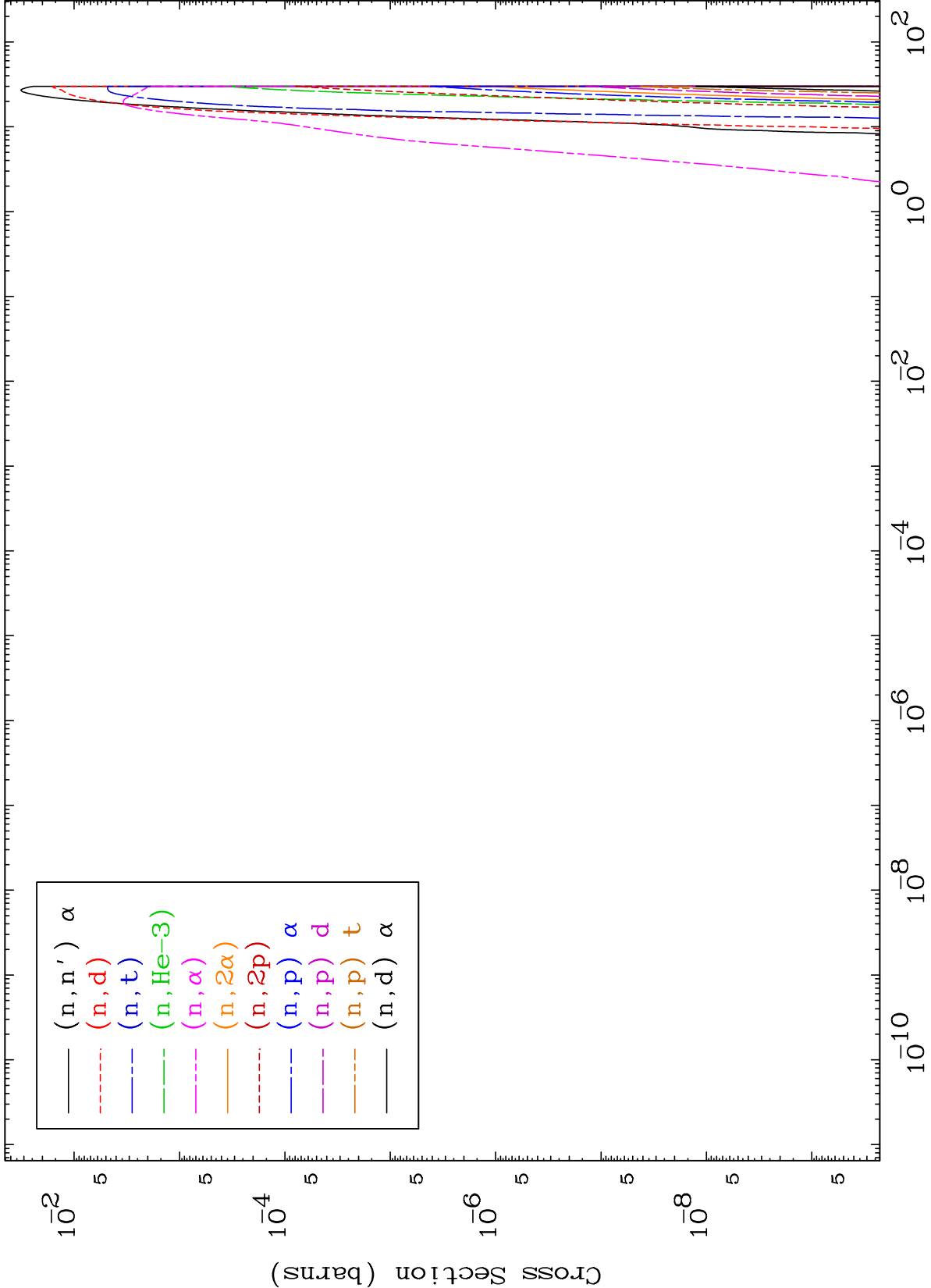
Incident Energy (MeV)

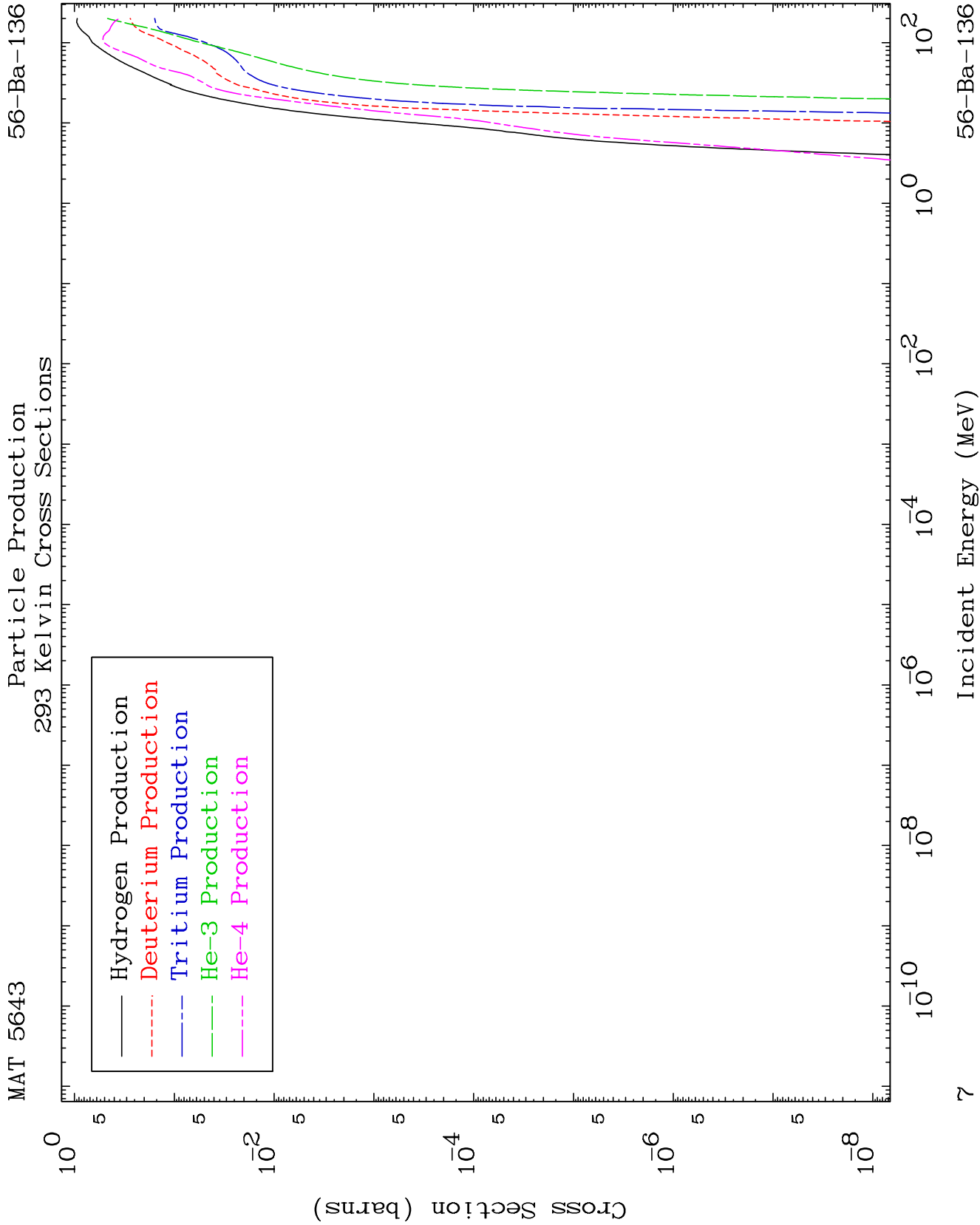
2









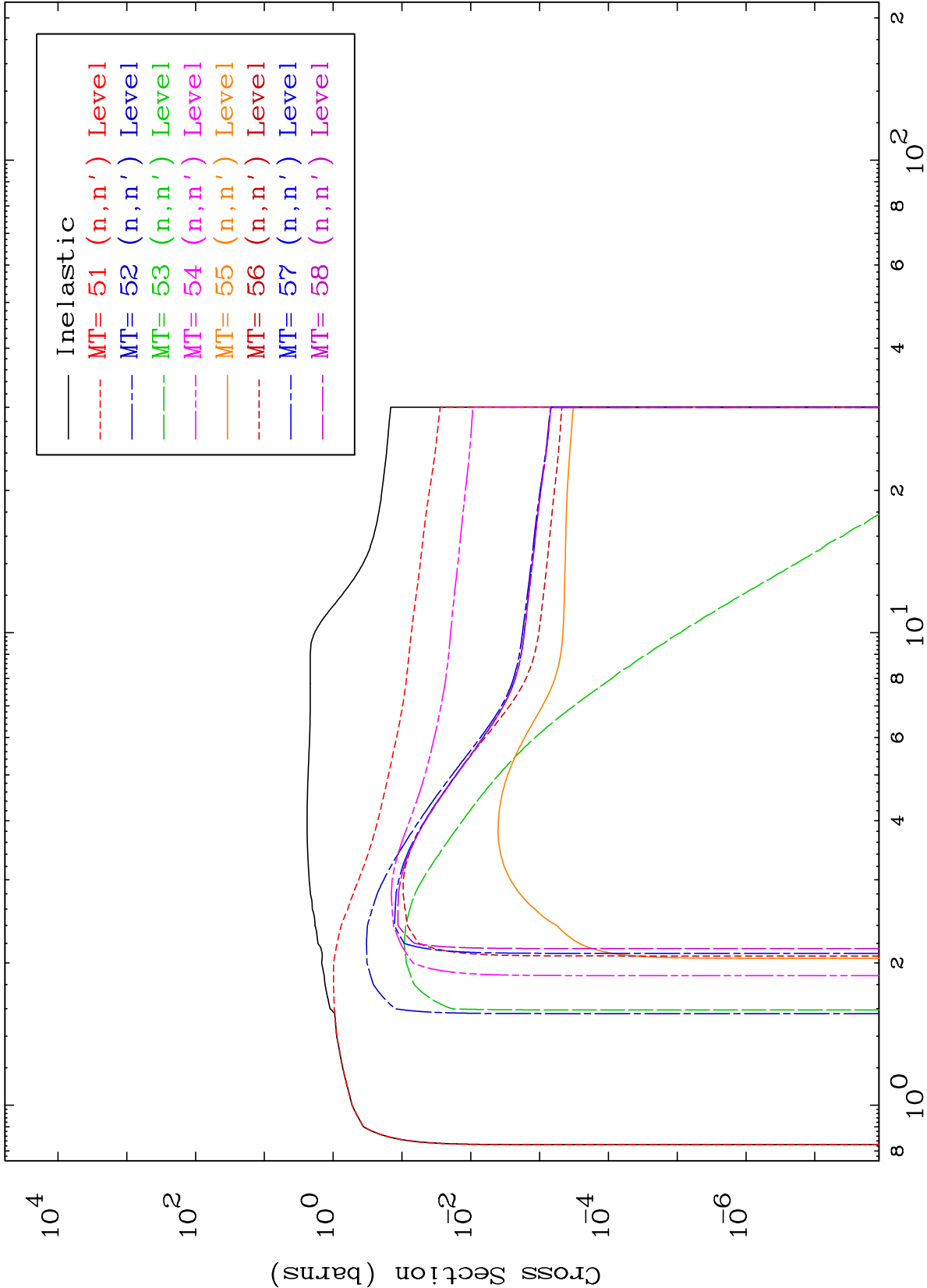


MAT 5643

(n,n') Levels

56-Ba-136

293 Kelvin Cross Sections



Incident Energy (MeV)

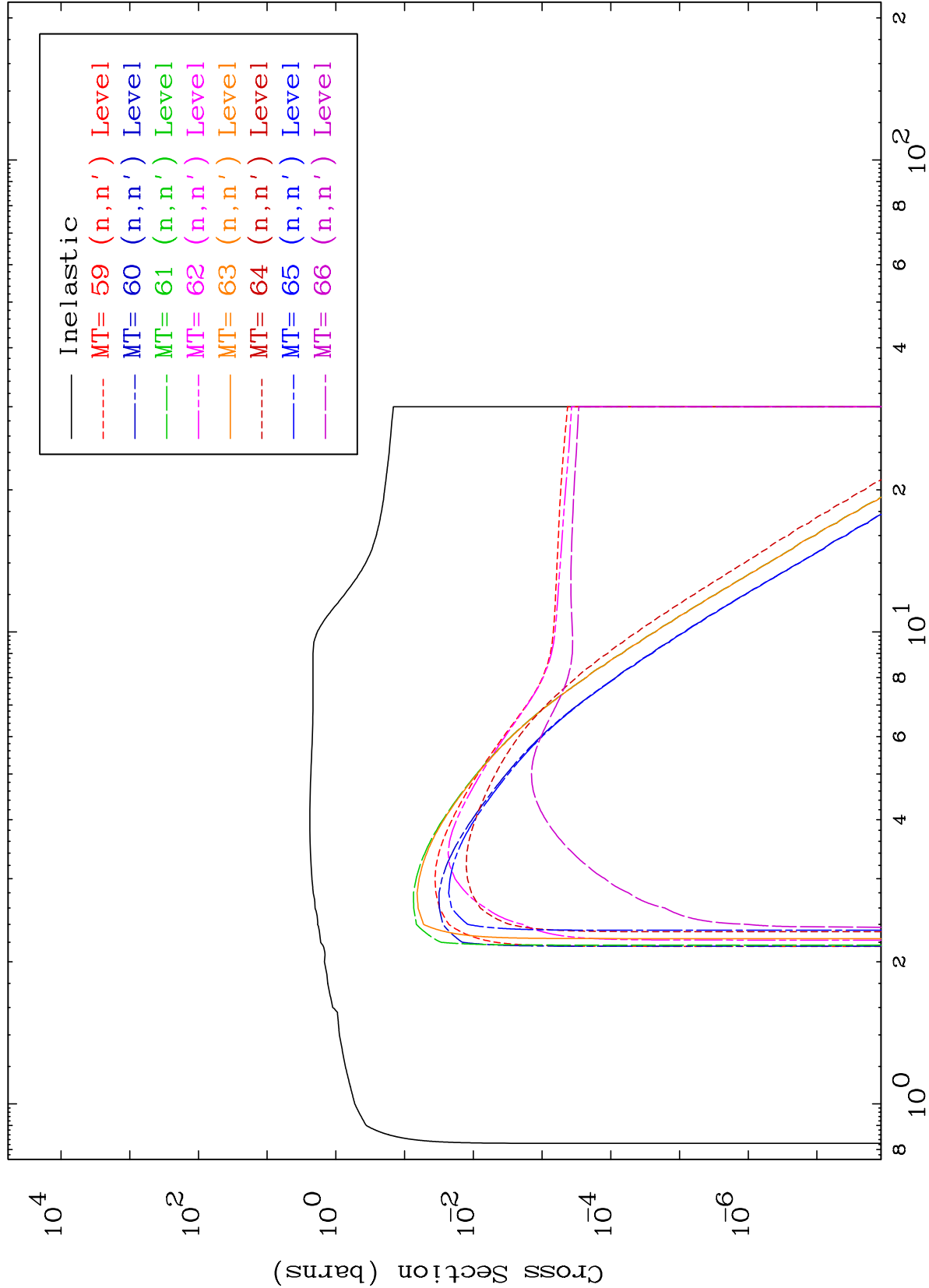
56-Ba-136

MAT 5643

(n,n') Levels

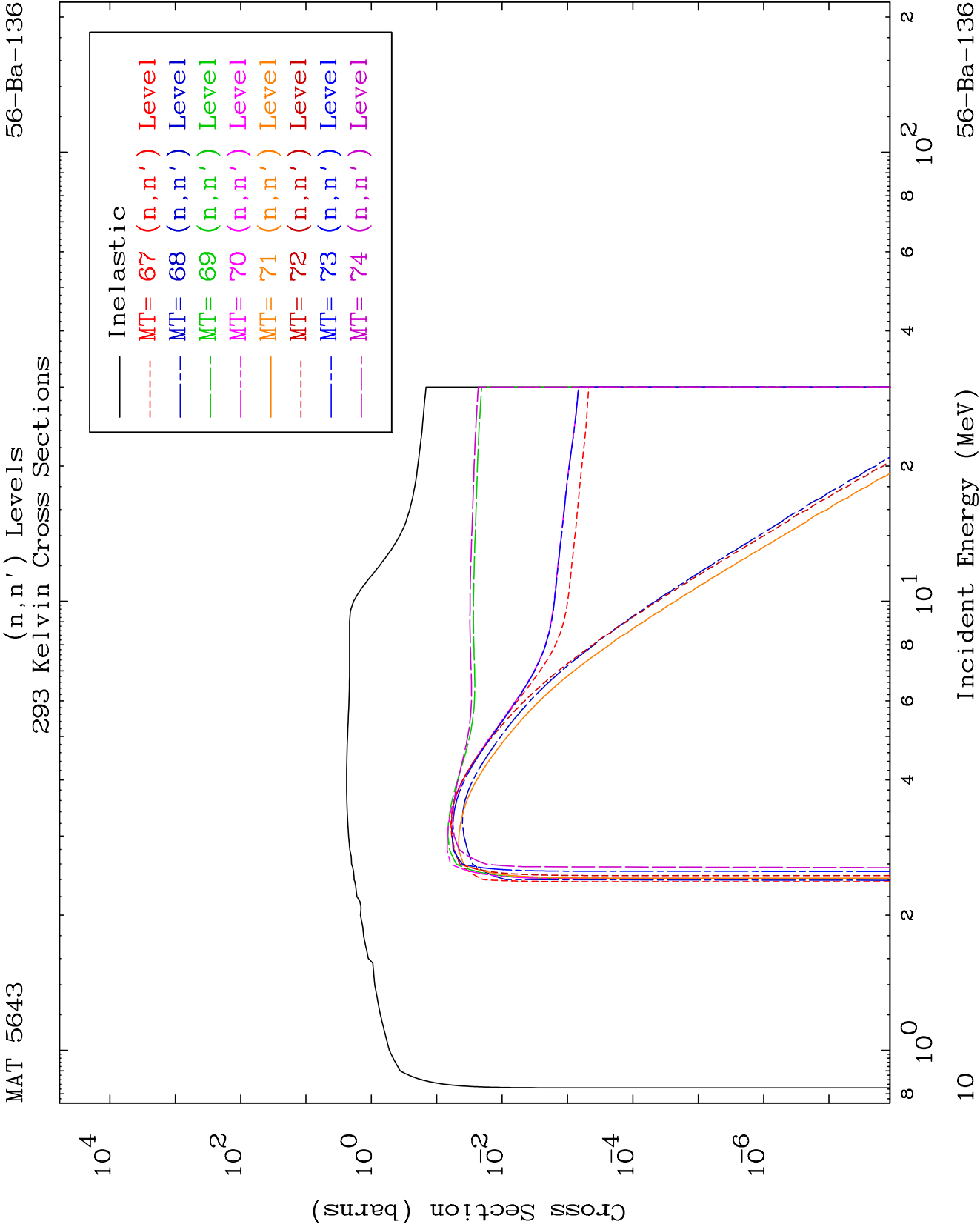
56-Ba-136

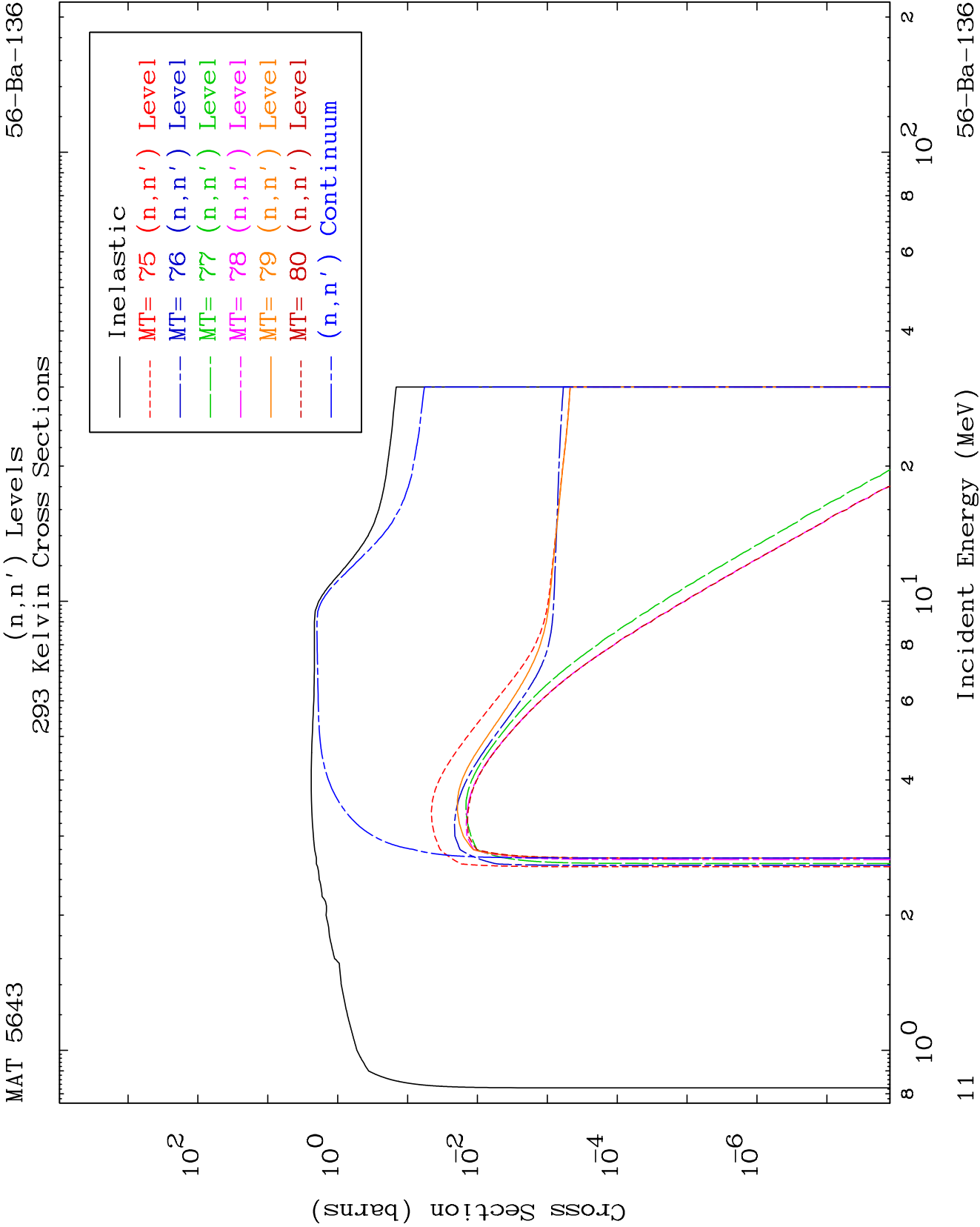
293 Kelvin Cross Sections



Incident Energy (MeV)

56-Ba-136

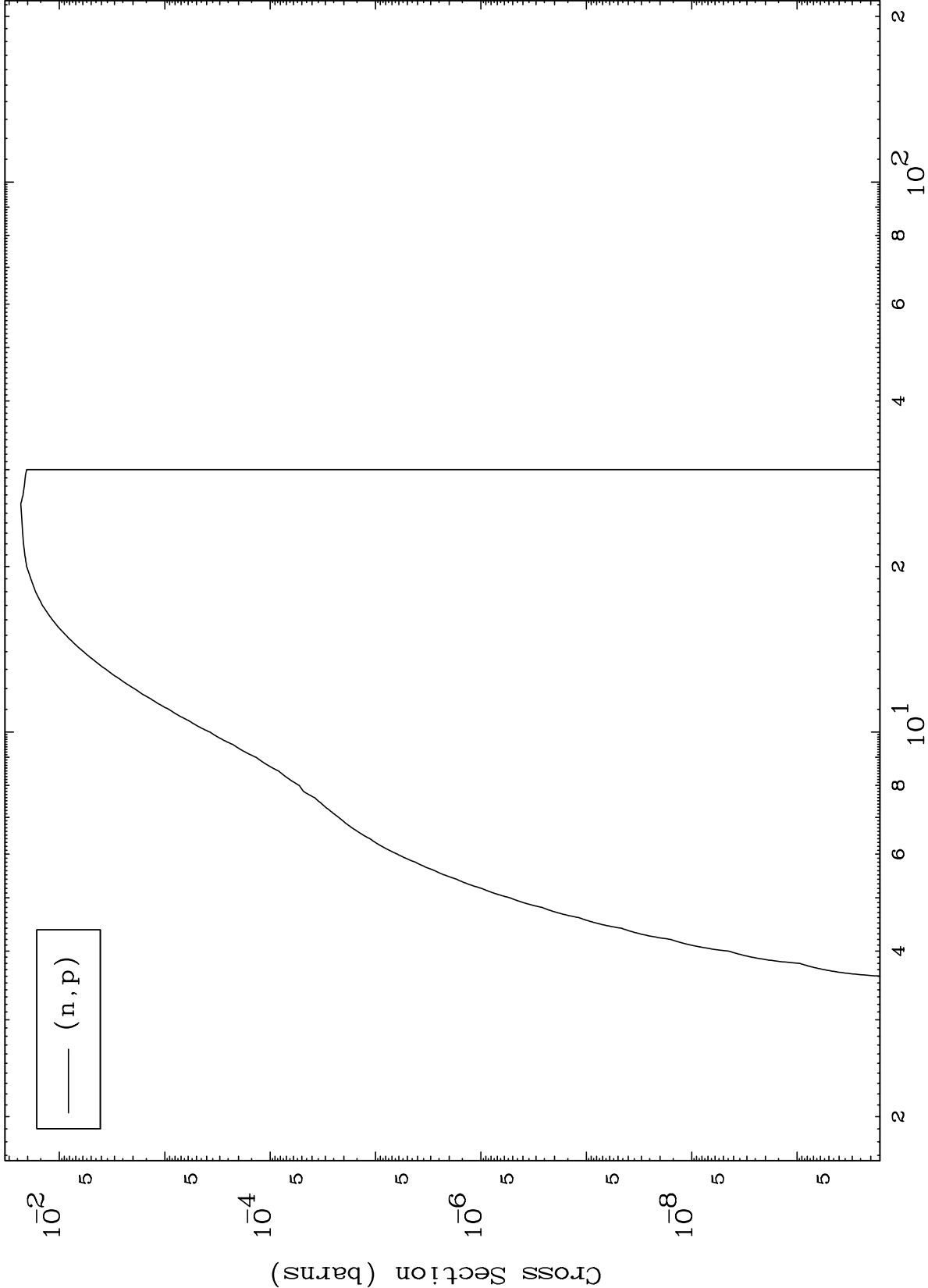




MAT 5643

(n,p) Levels
293 Kelvin Cross Sections

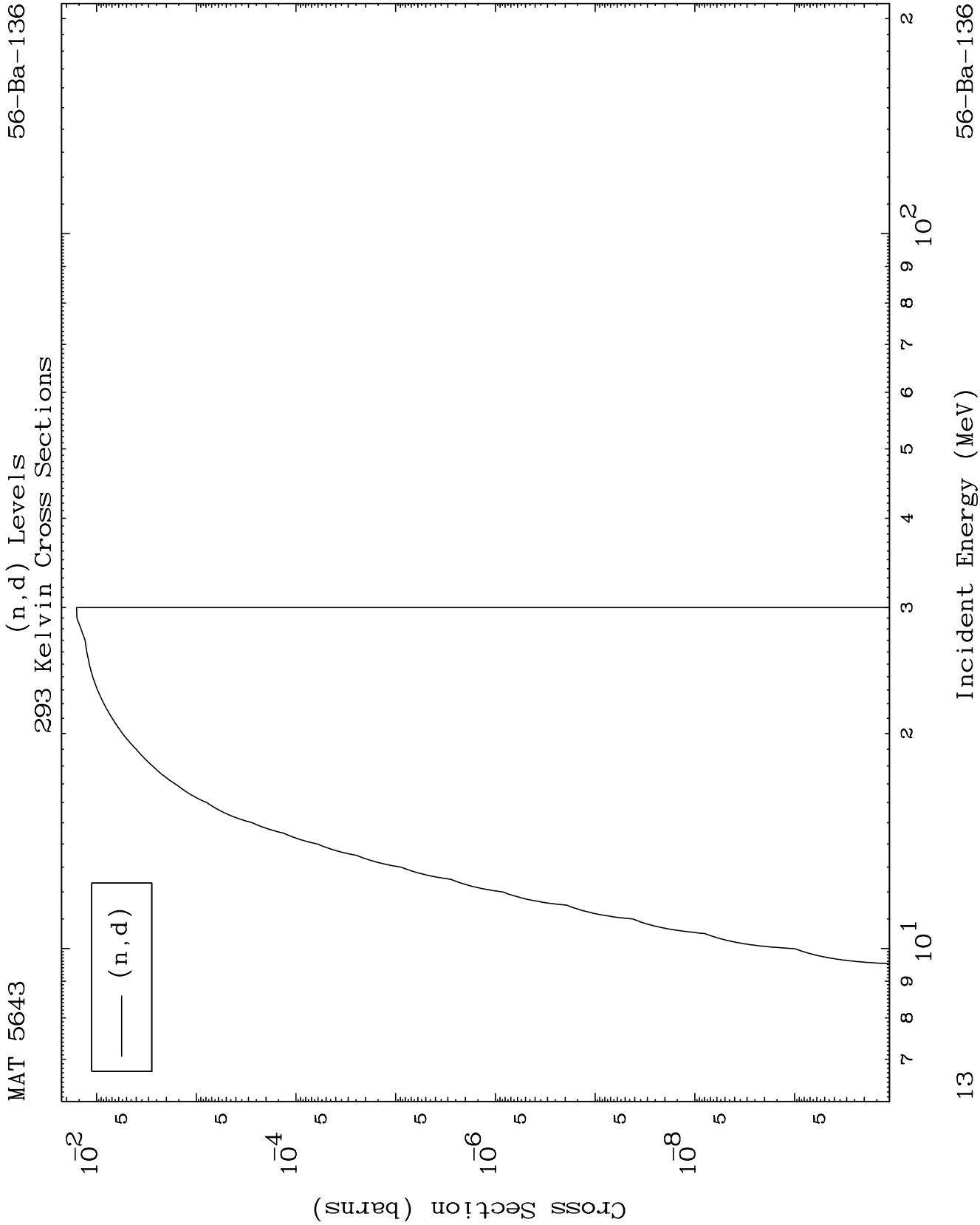
56-Ba-136



12

Incident Energy (MeV)

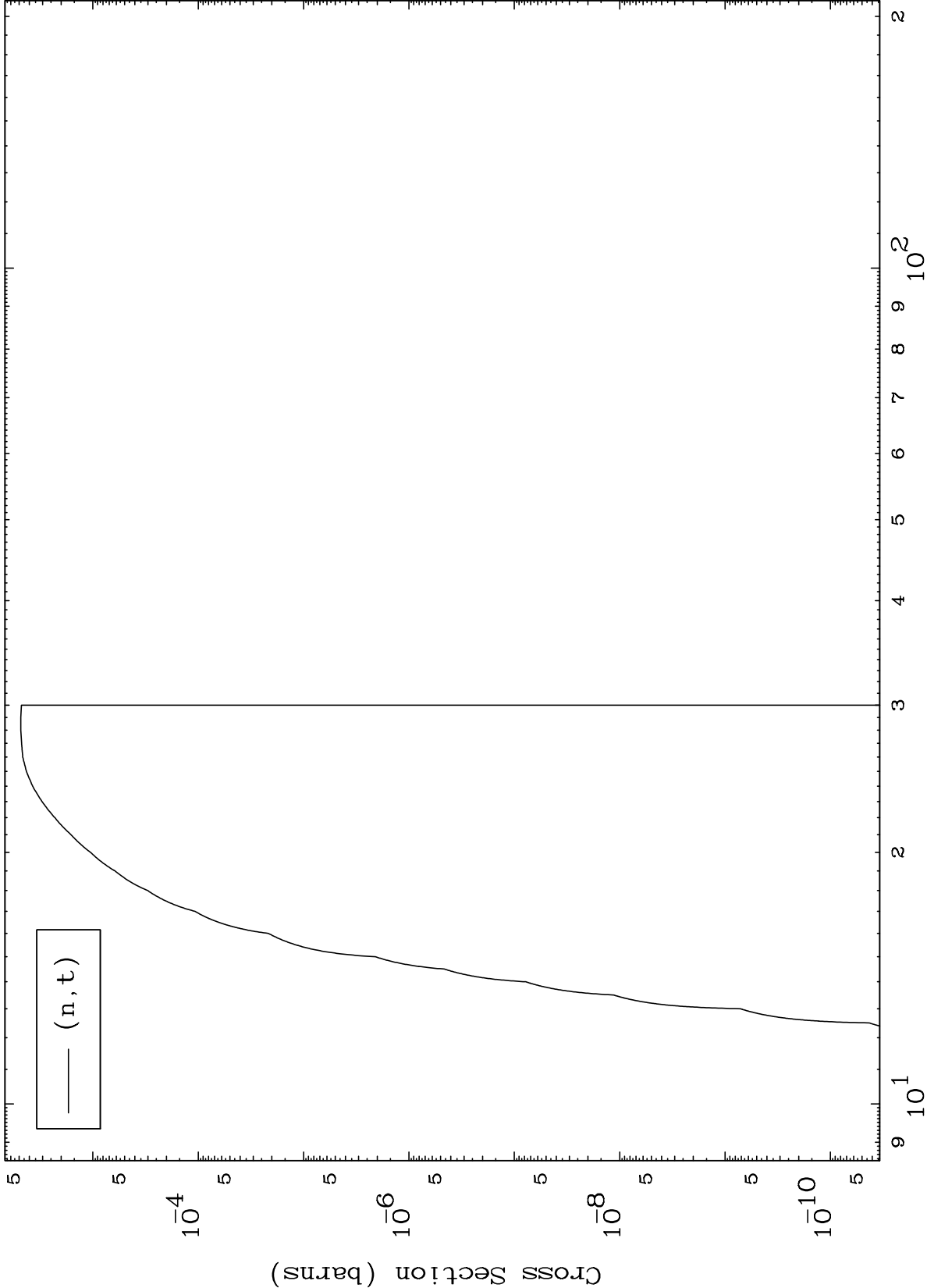
56-Ba-136



MAT 5643

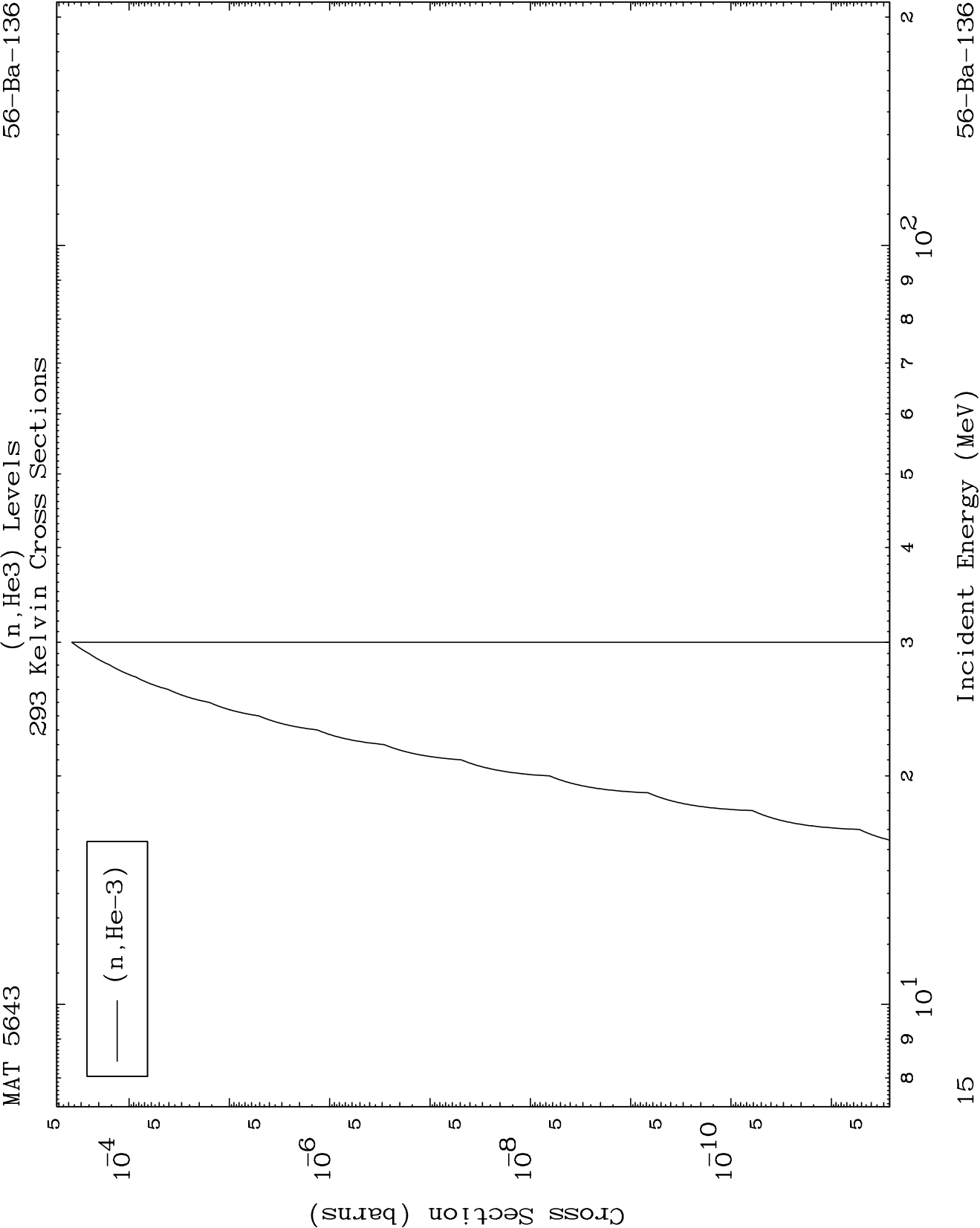
(n,t) Levels
293 Kelvin Cross Sections

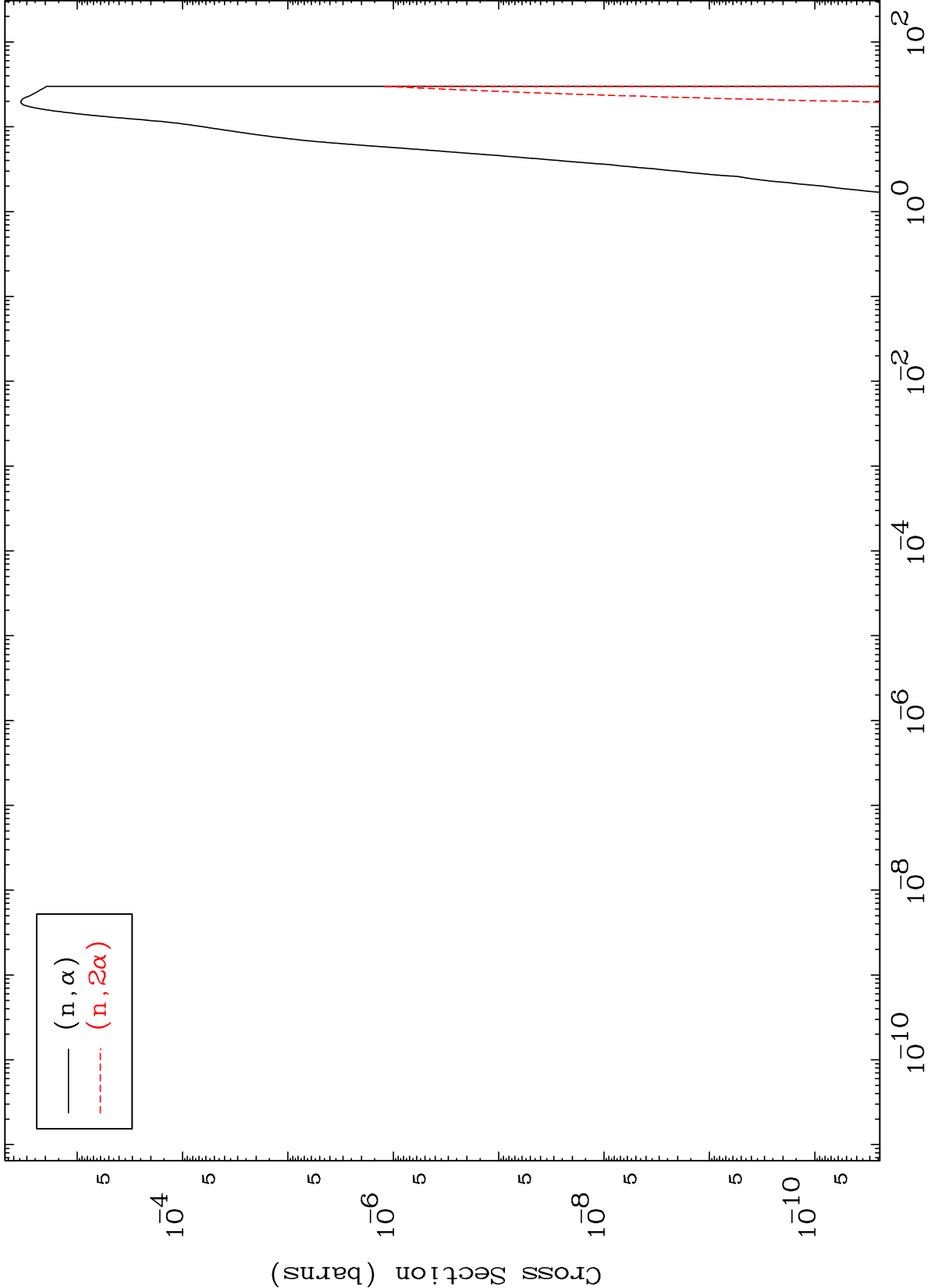
56-Ba-136



Incident Energy (MeV)

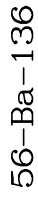
56-Ba-136





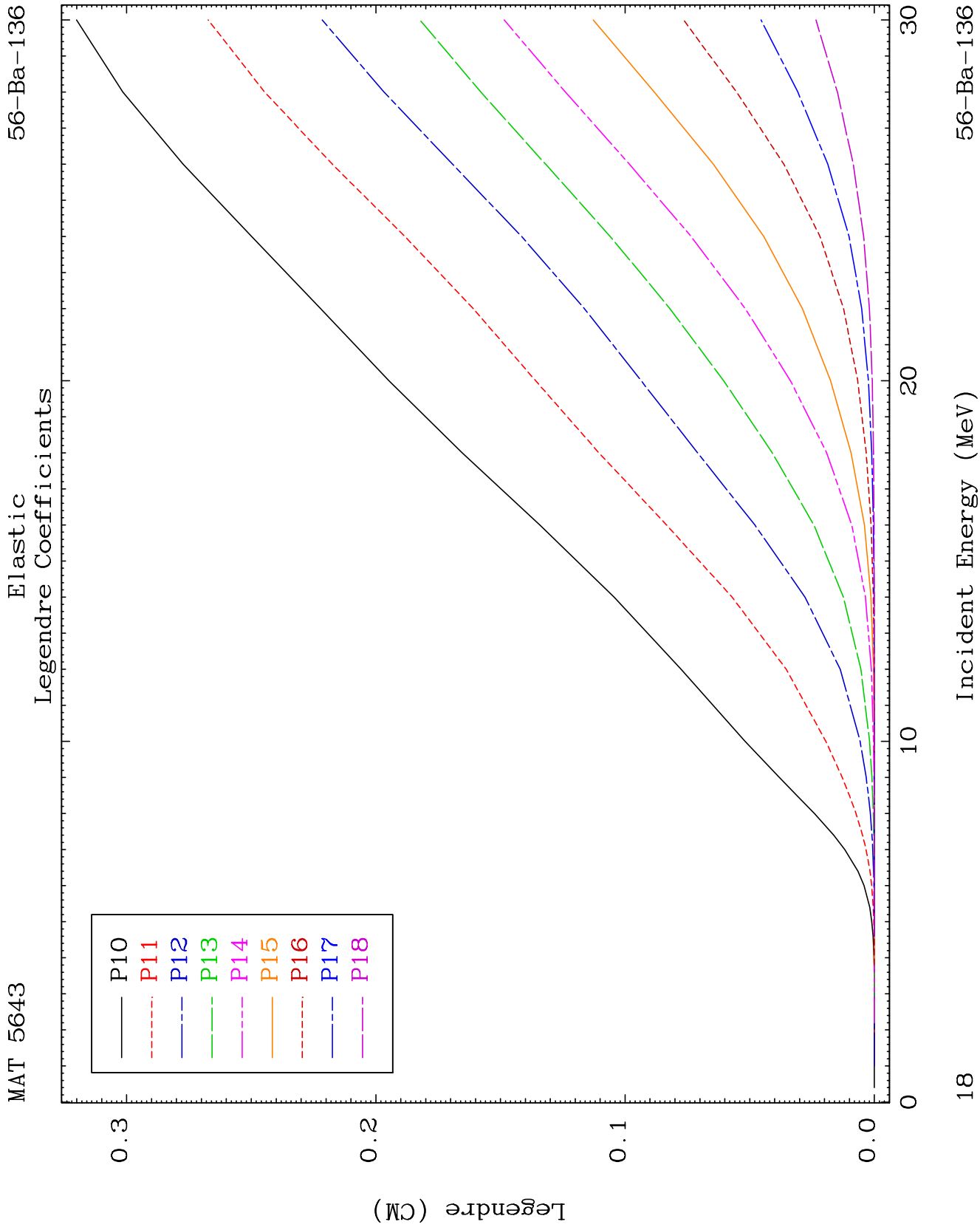
56-Ba-136

56-Ba-136



56-Ba-136

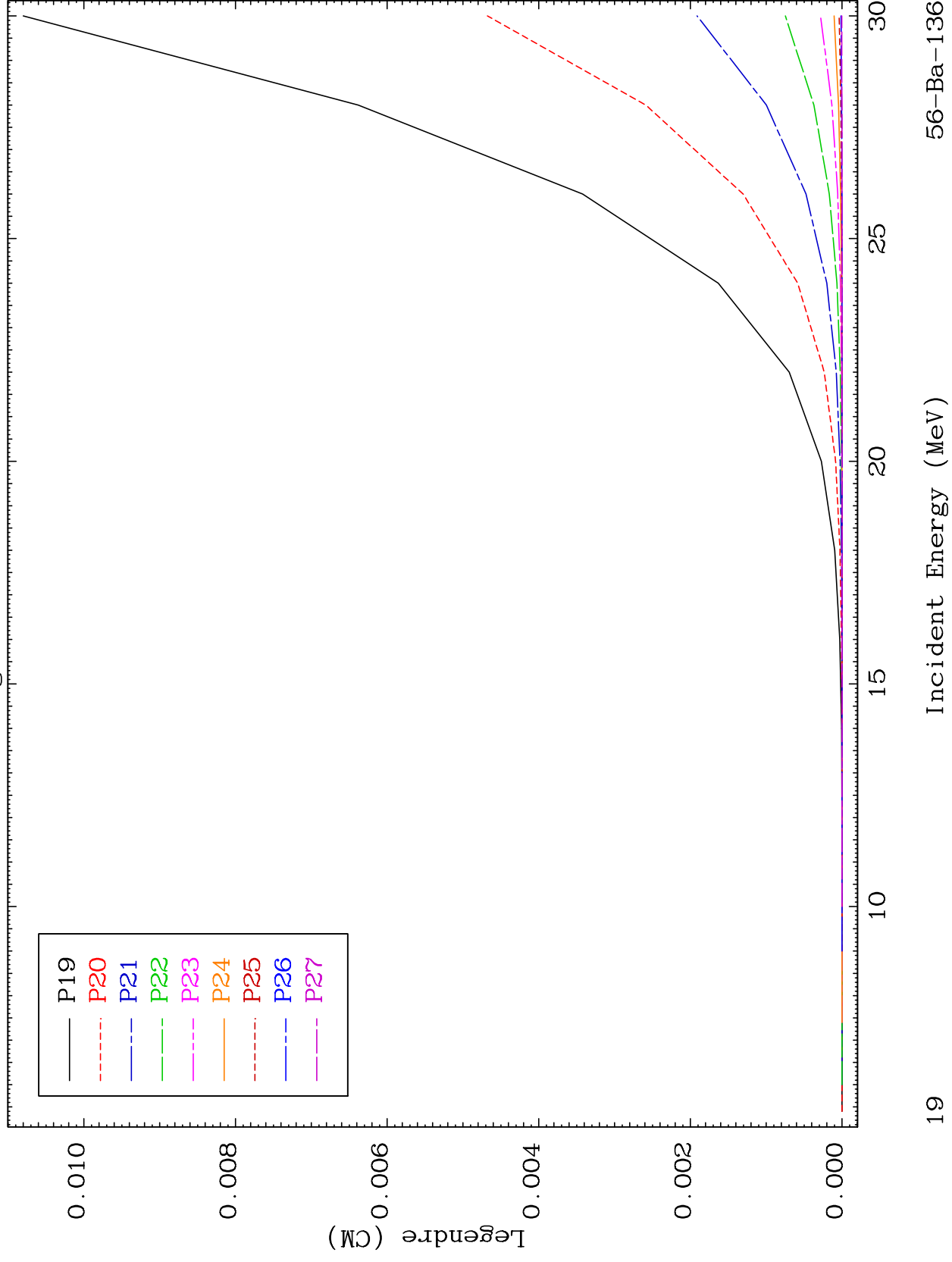
56-Ba-136

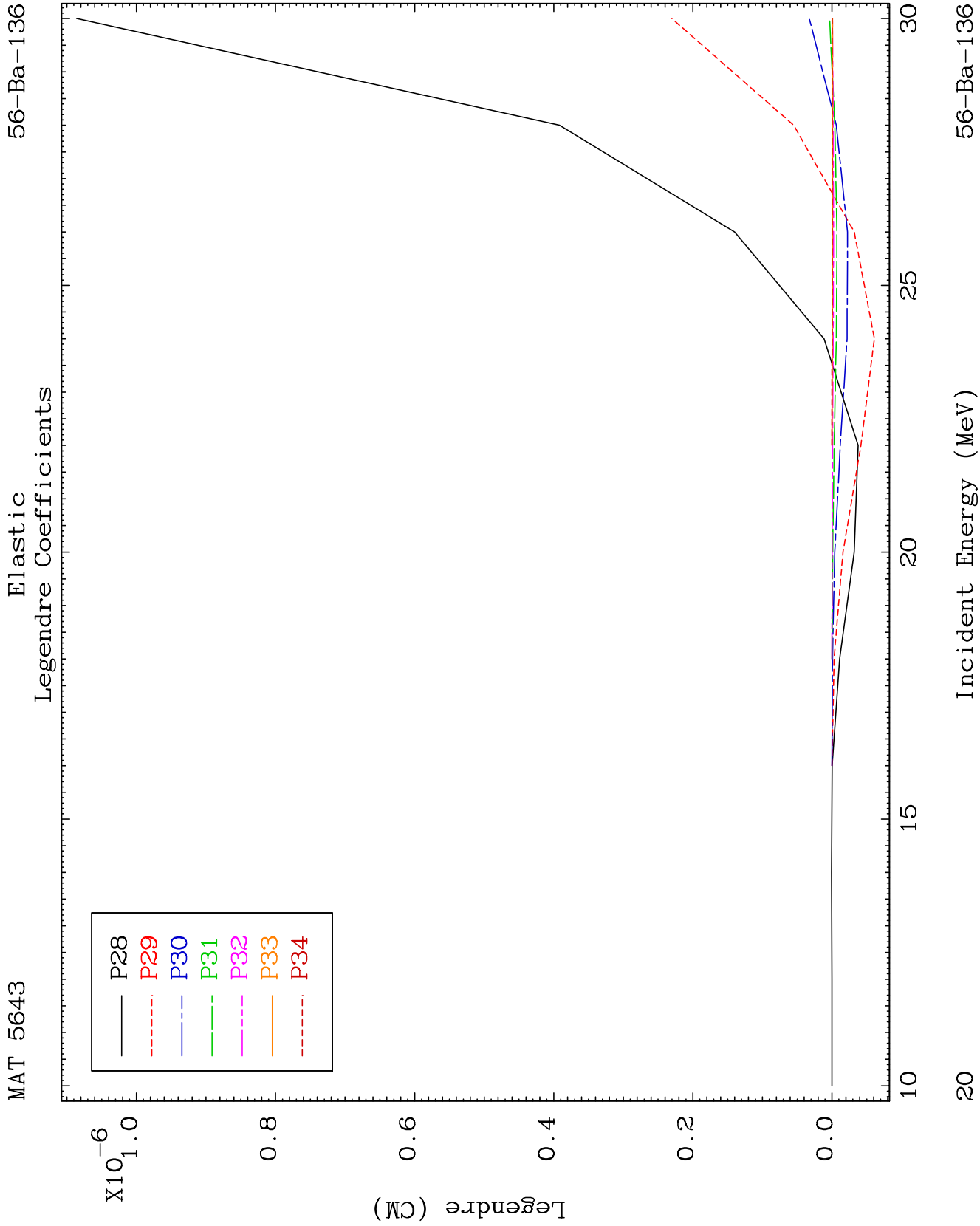


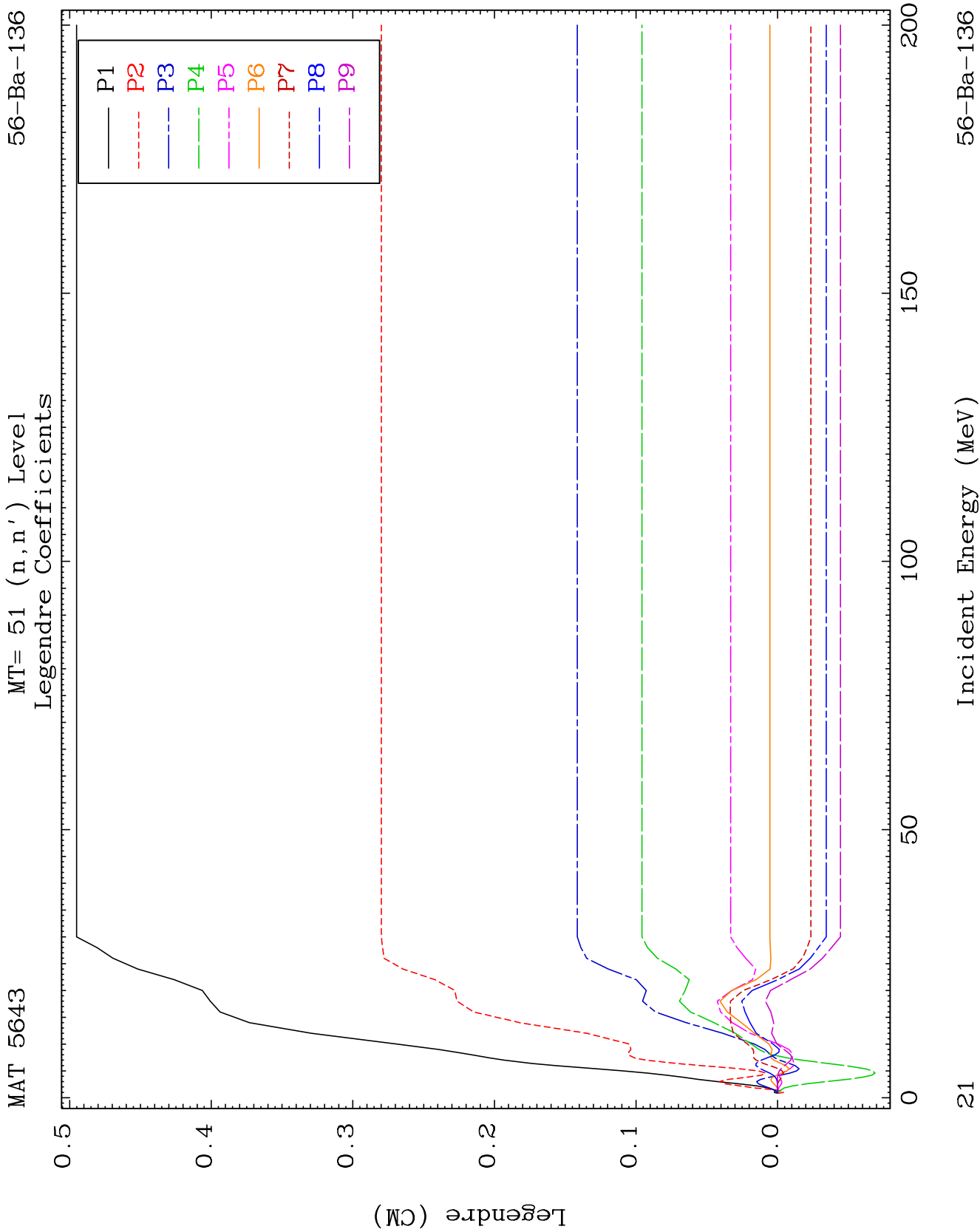
MAT 5643

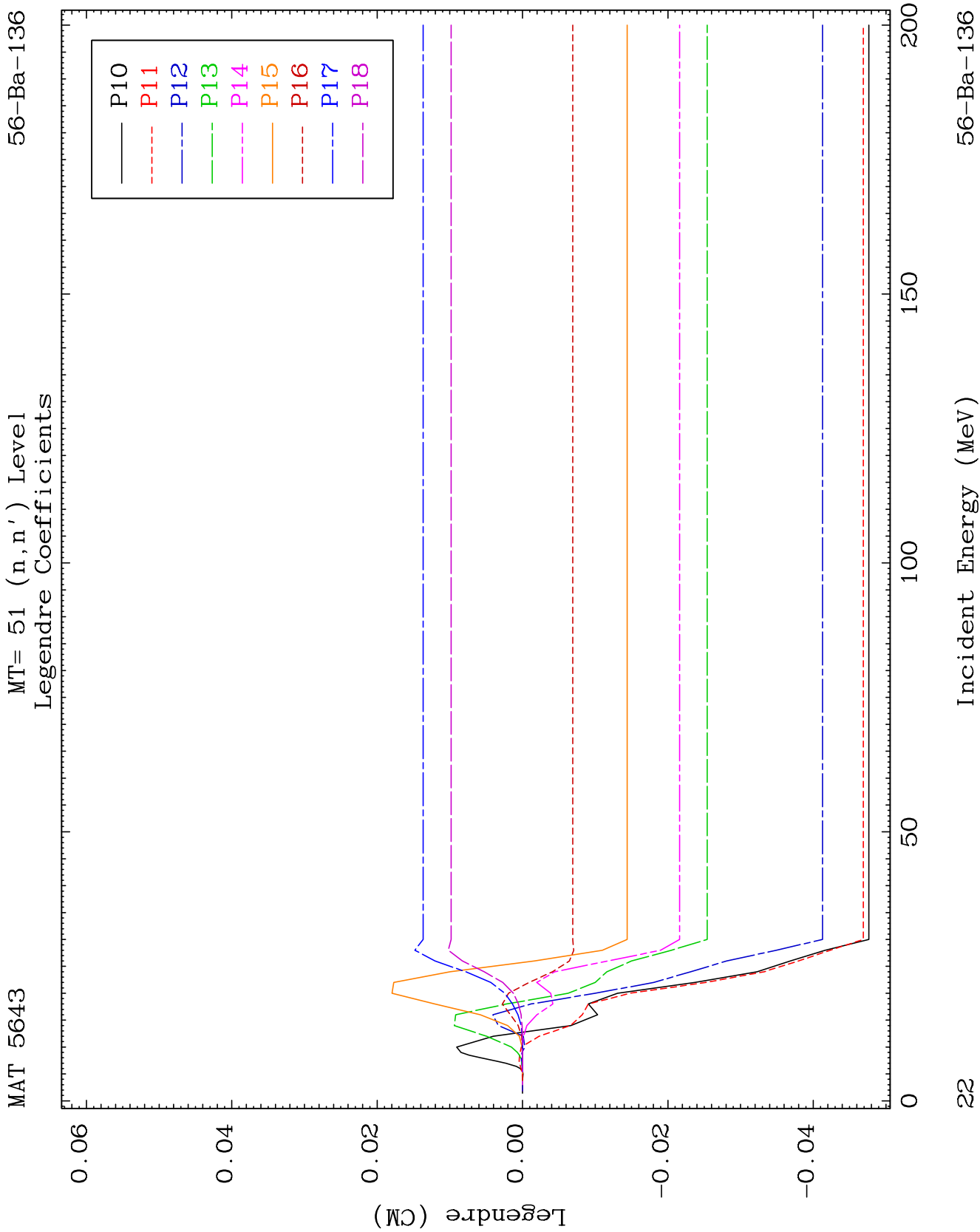
Elastic Legendre Coefficients

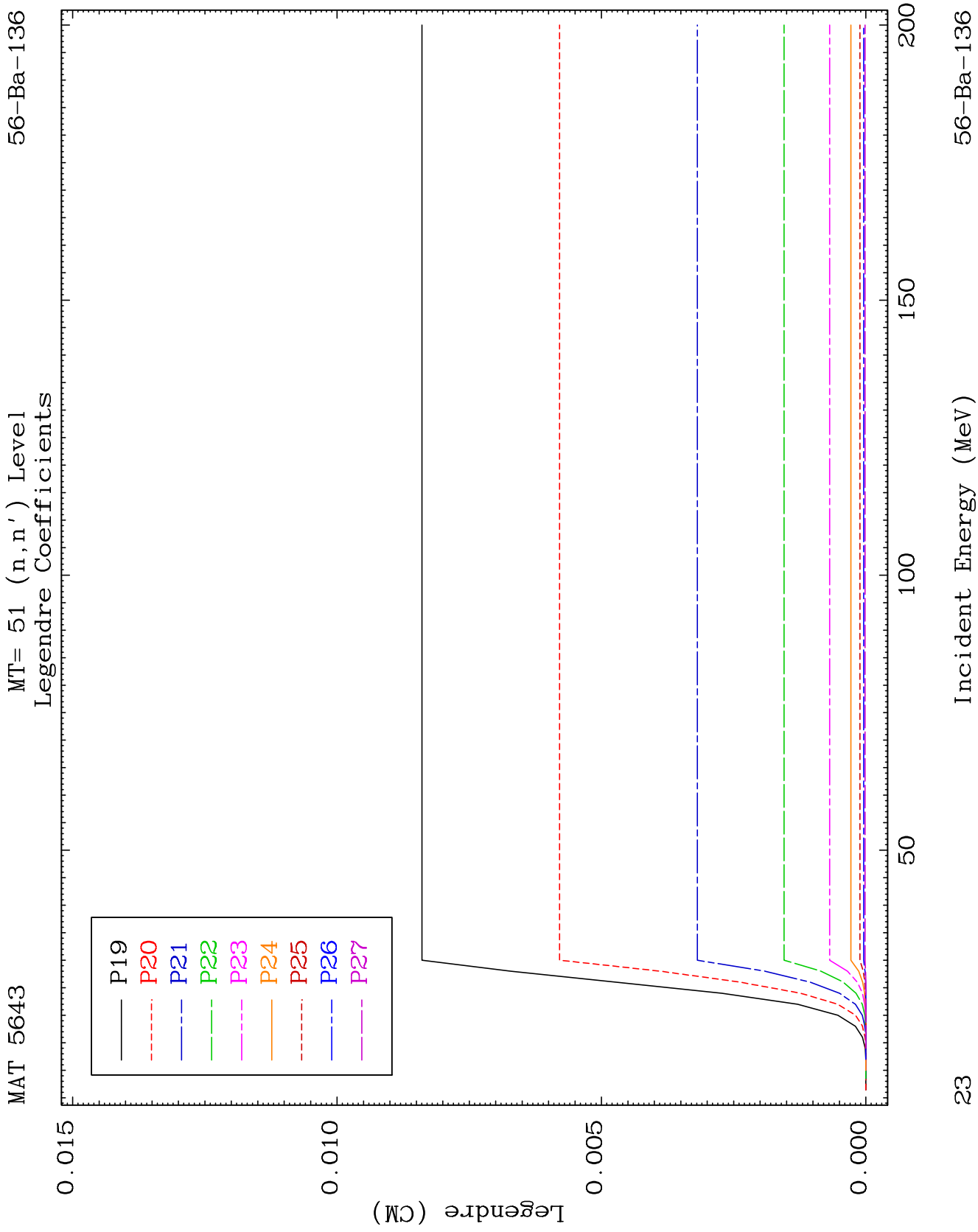
56-Ba-136

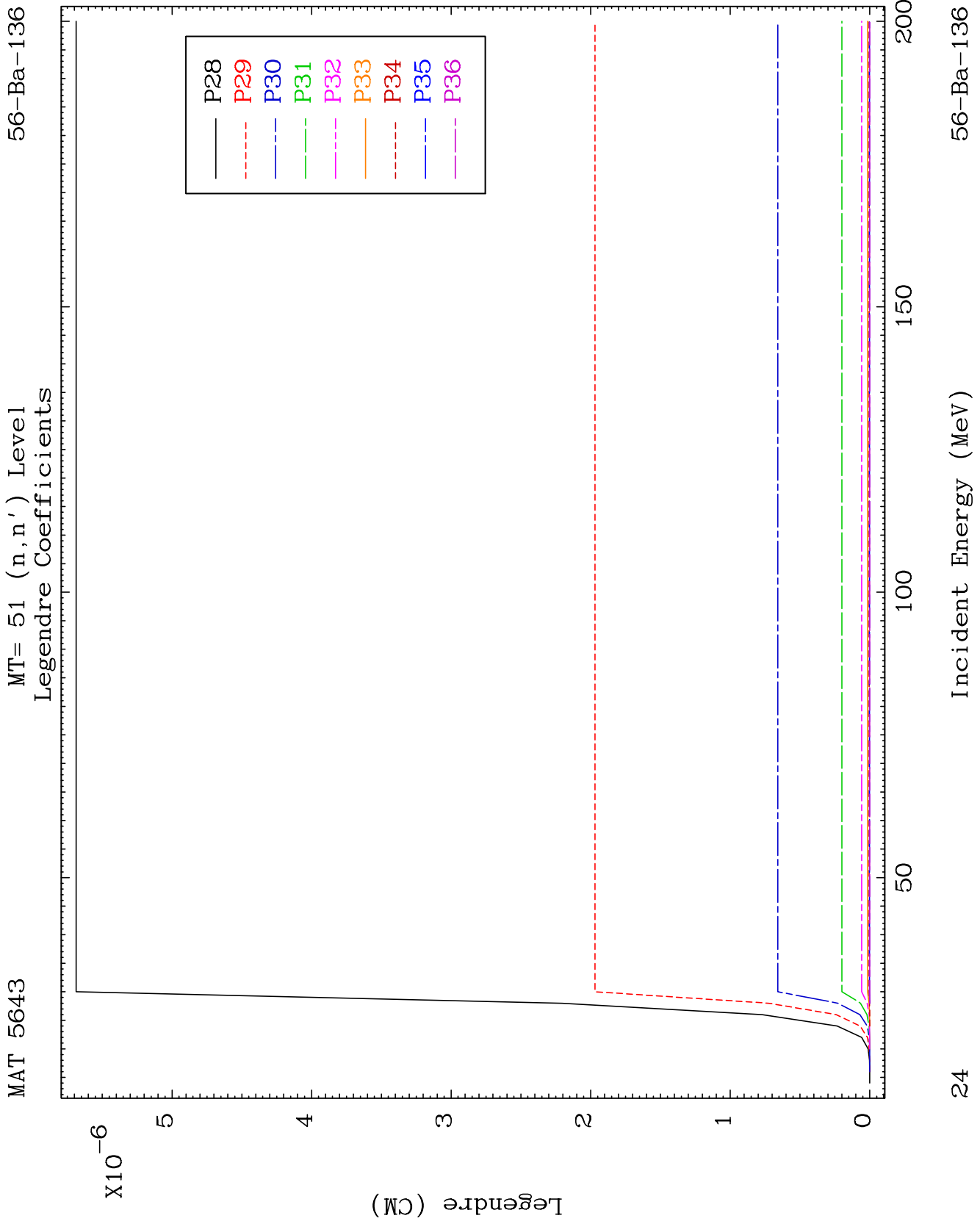


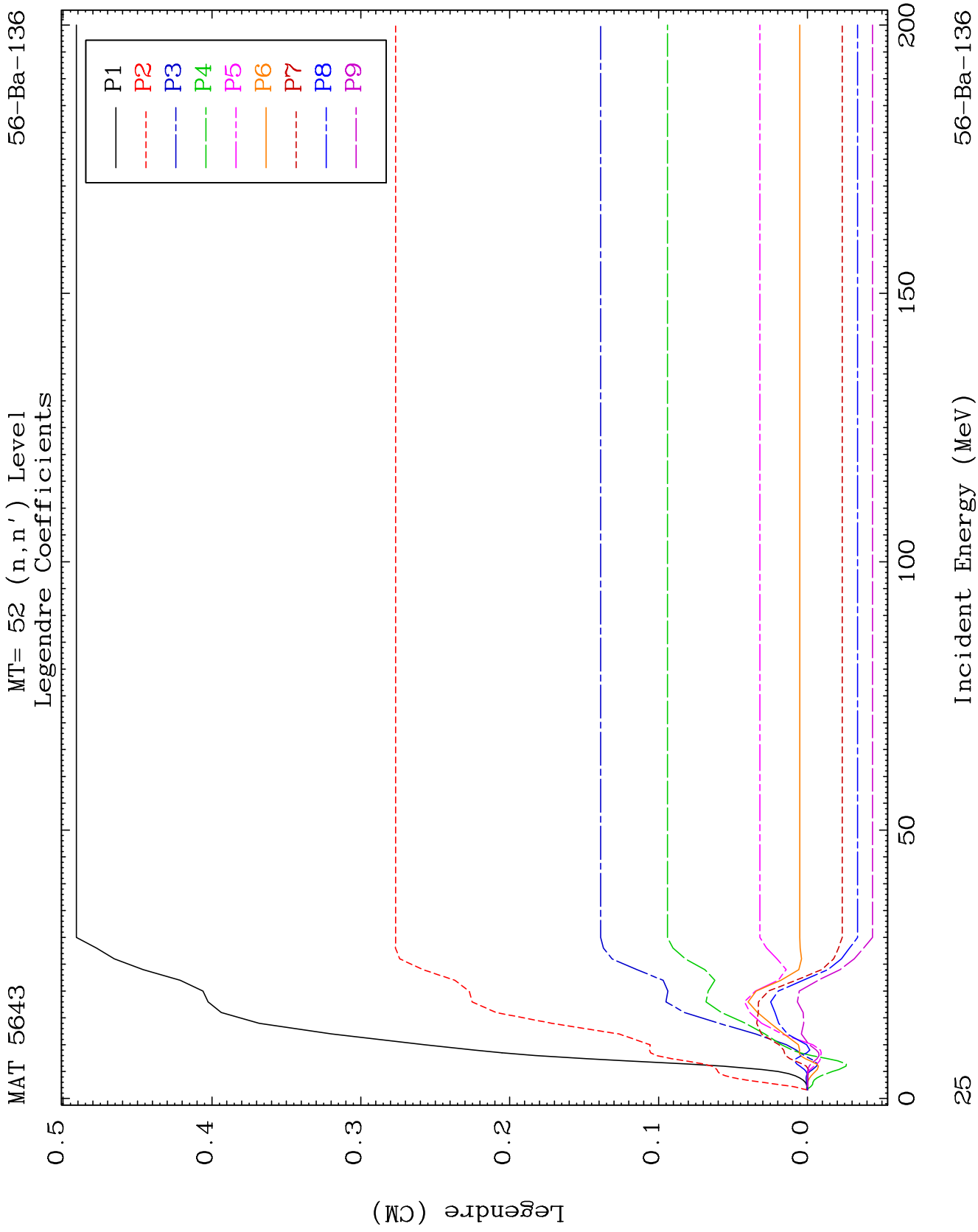


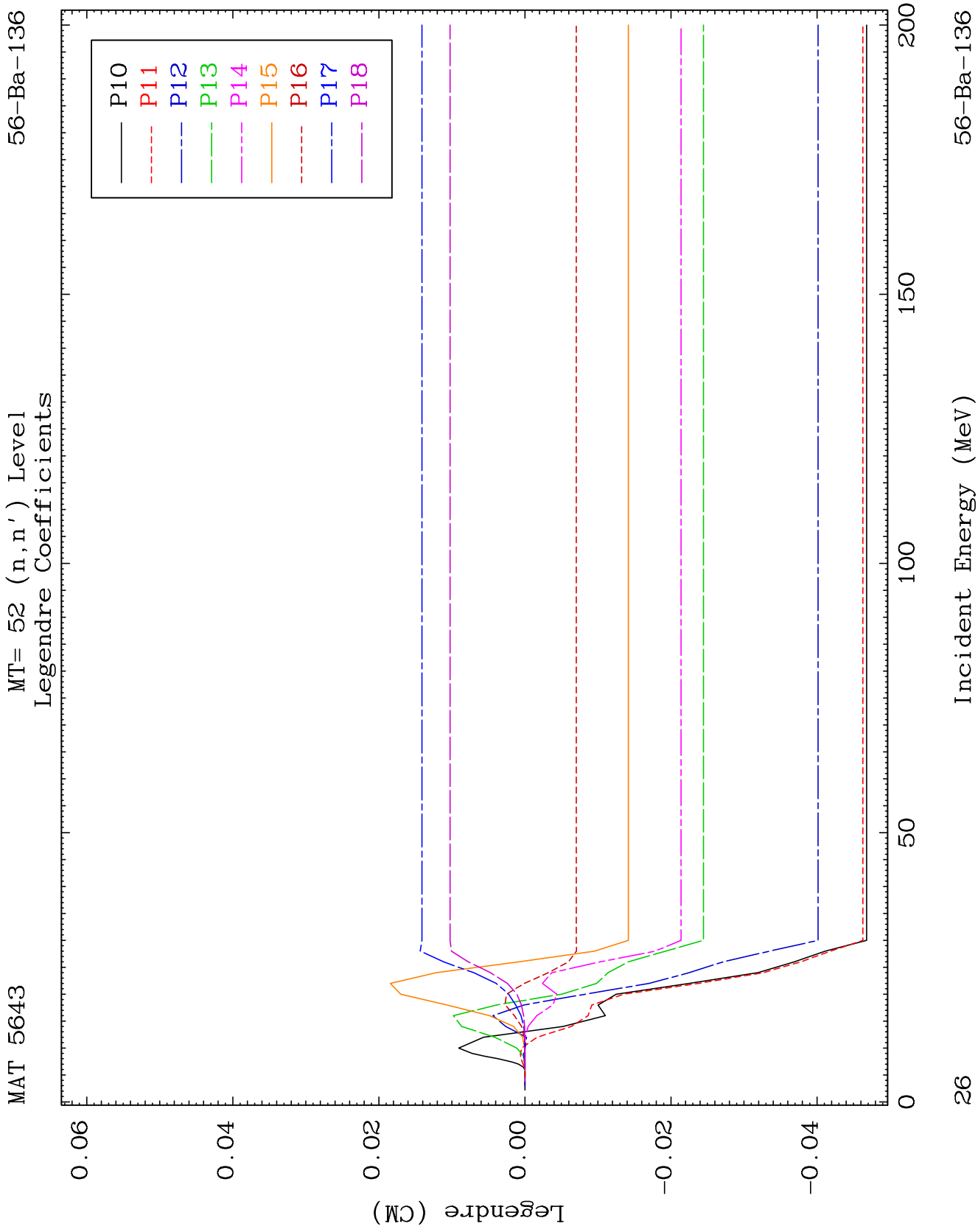


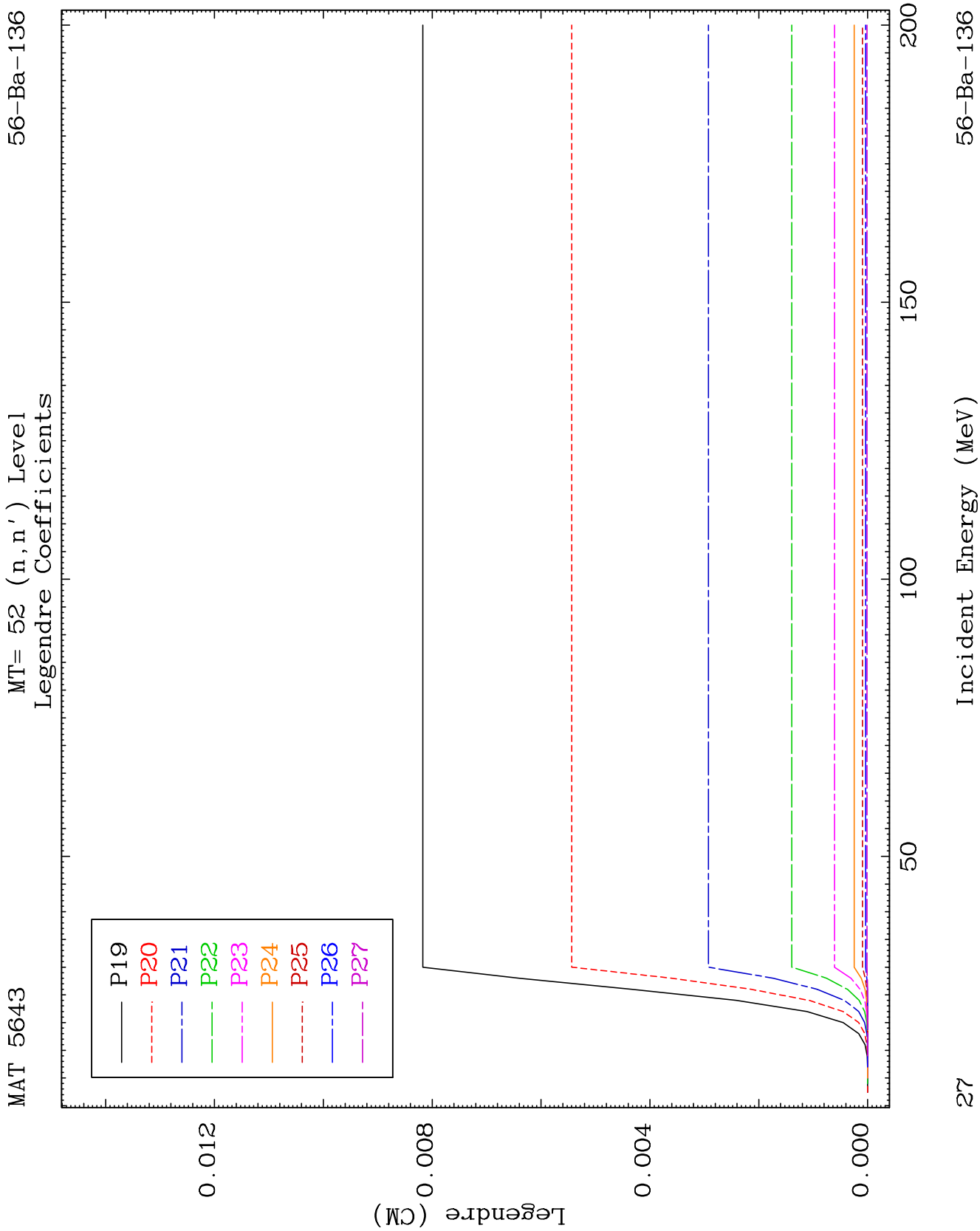


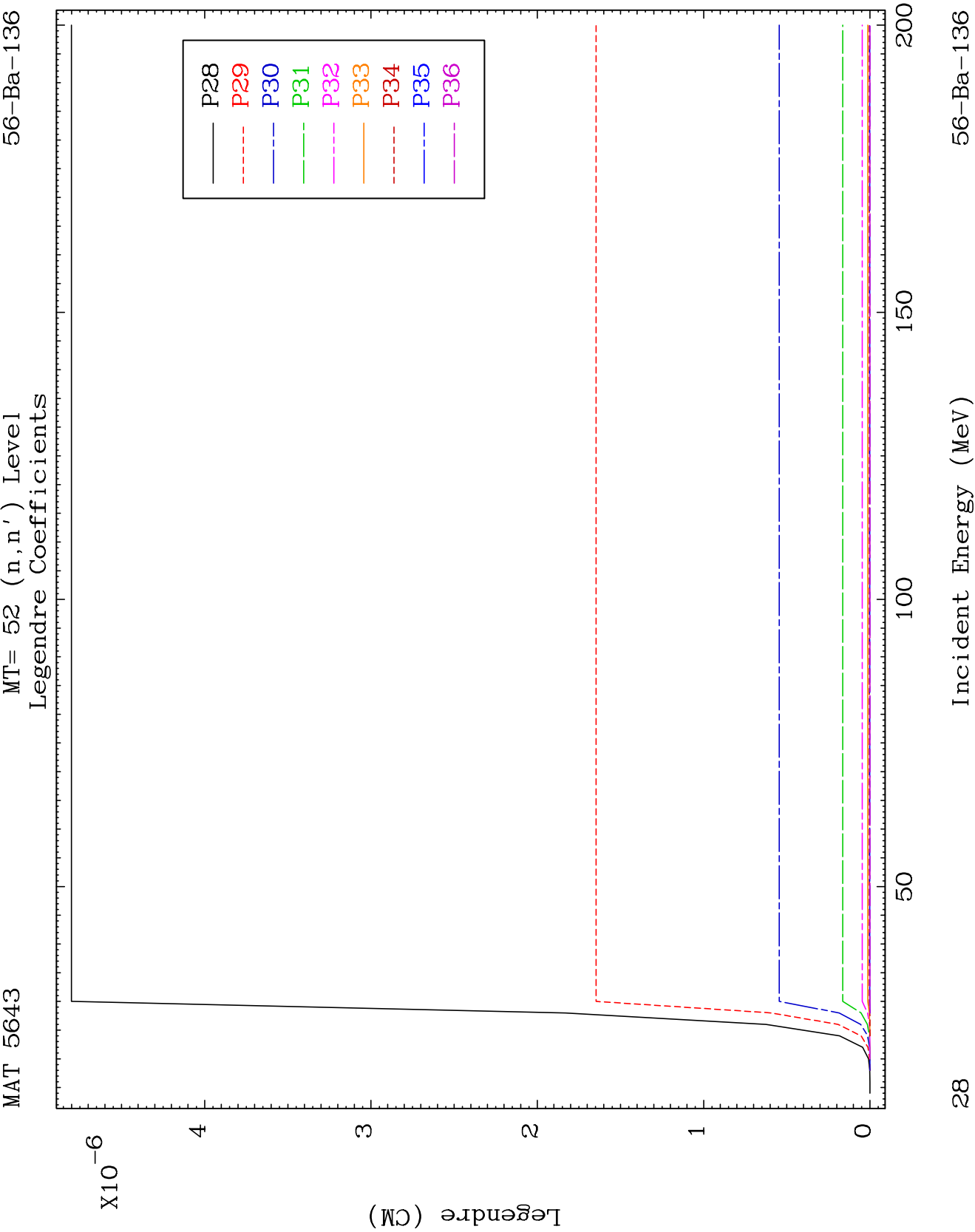


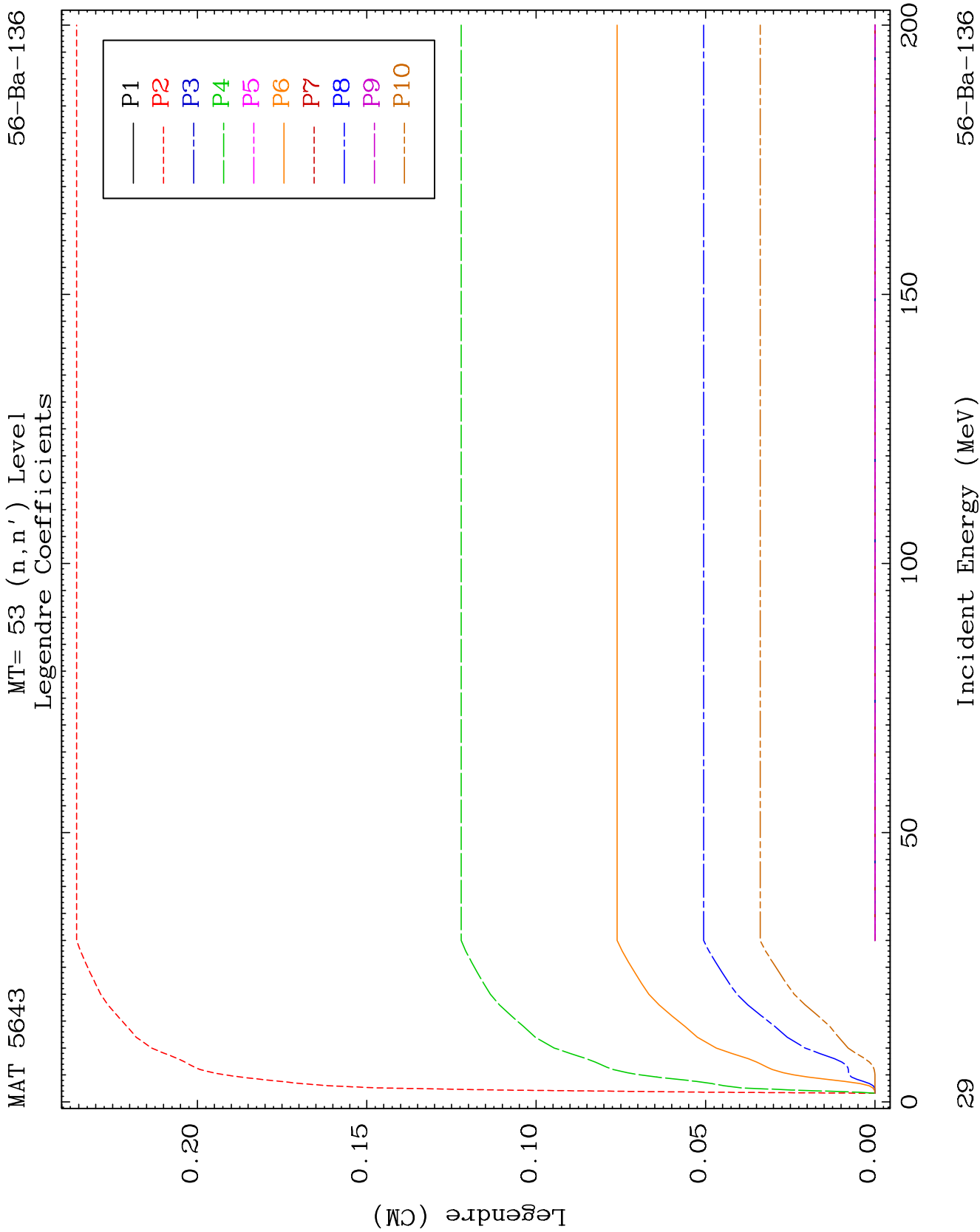








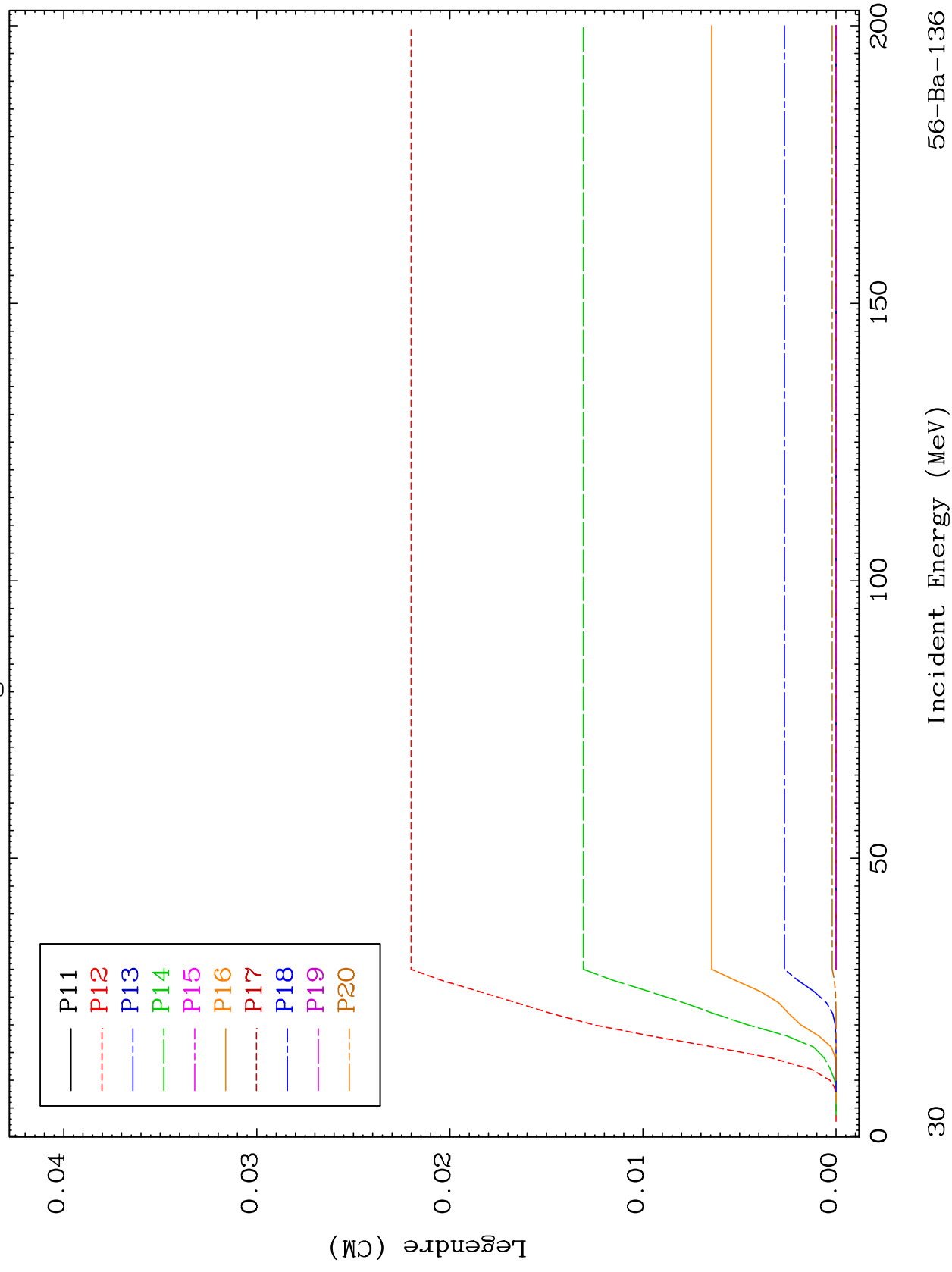


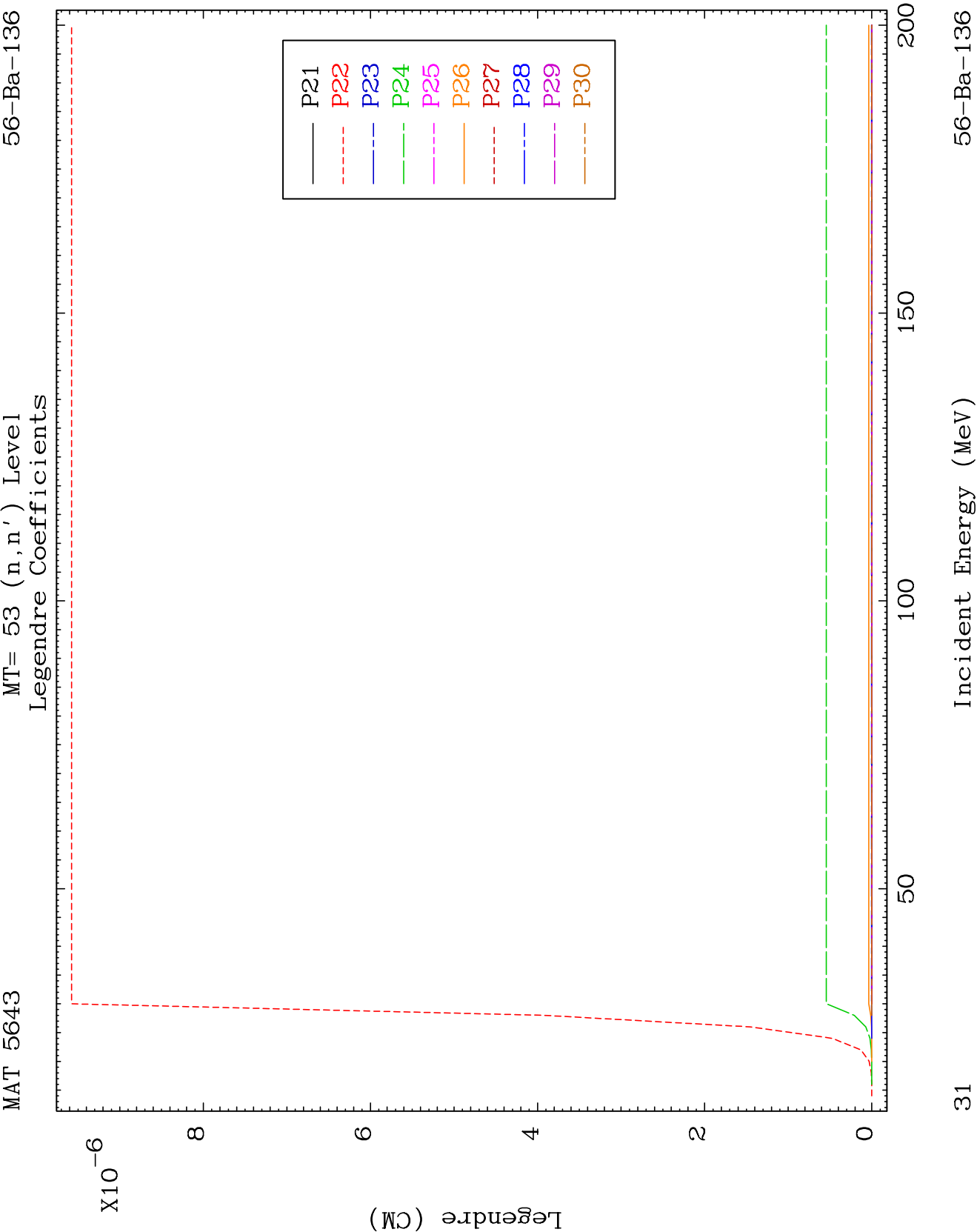


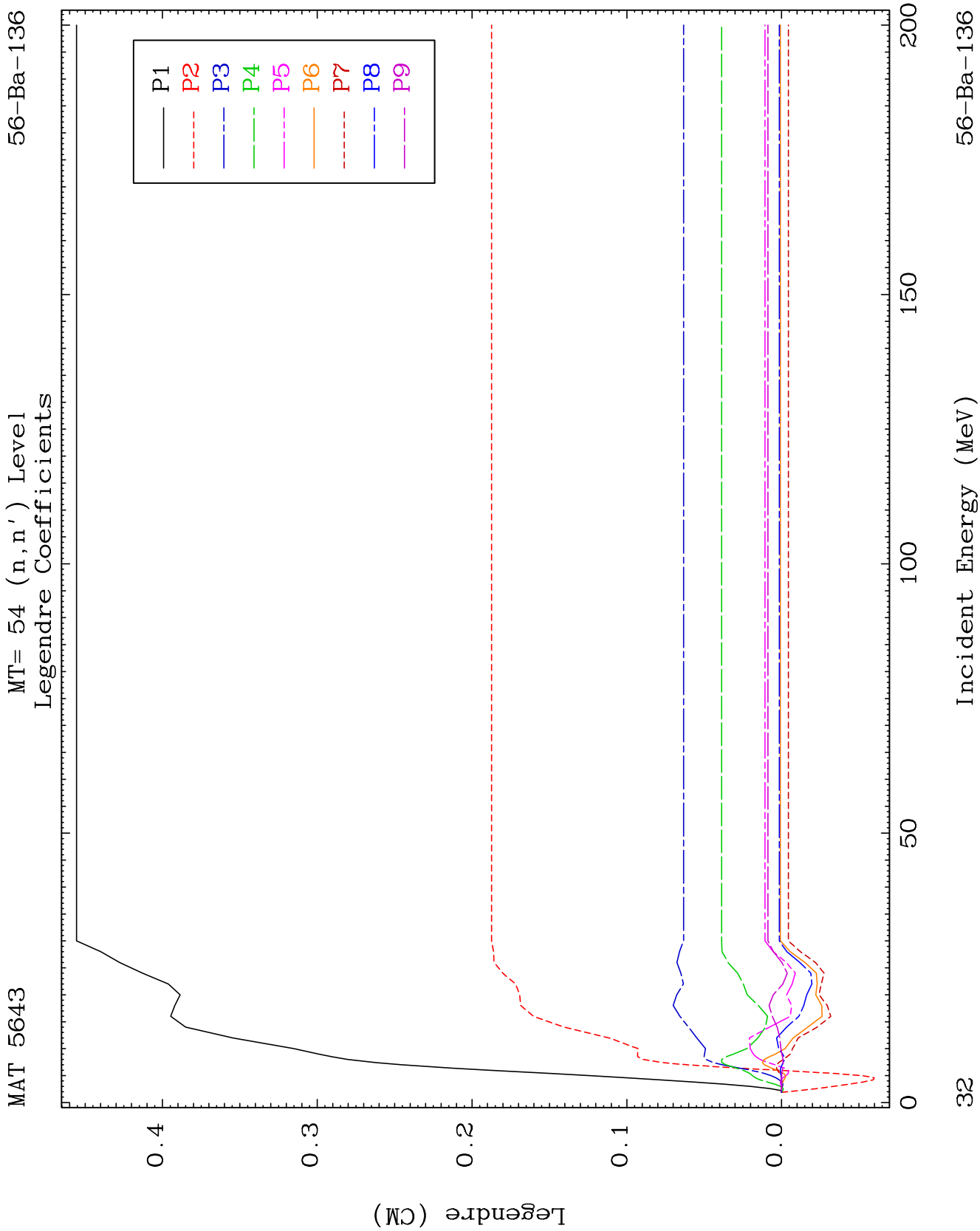
MAT 5643

MT= 53 (n, n') Level
Legendre Coefficients

56-Ba-136



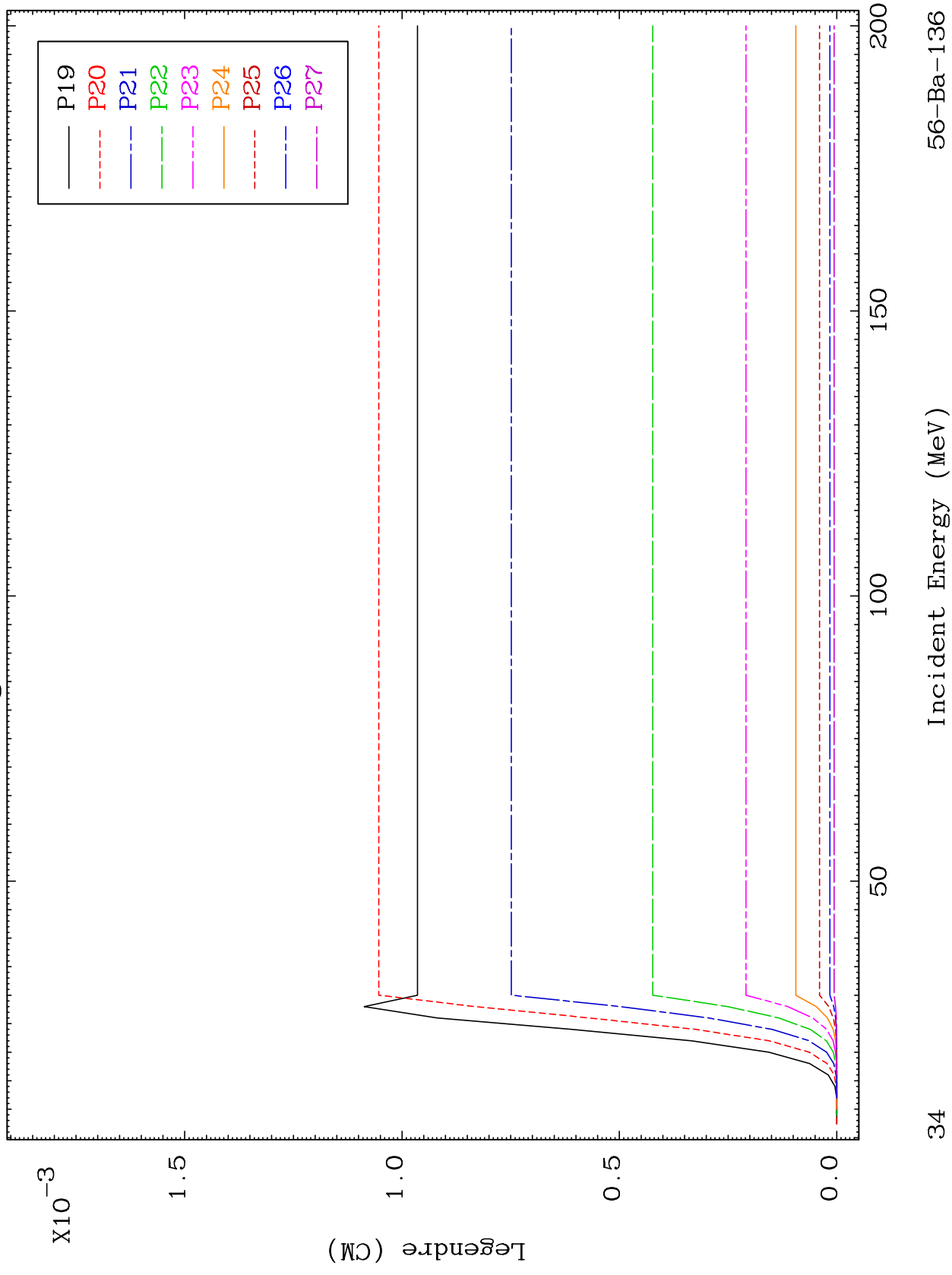


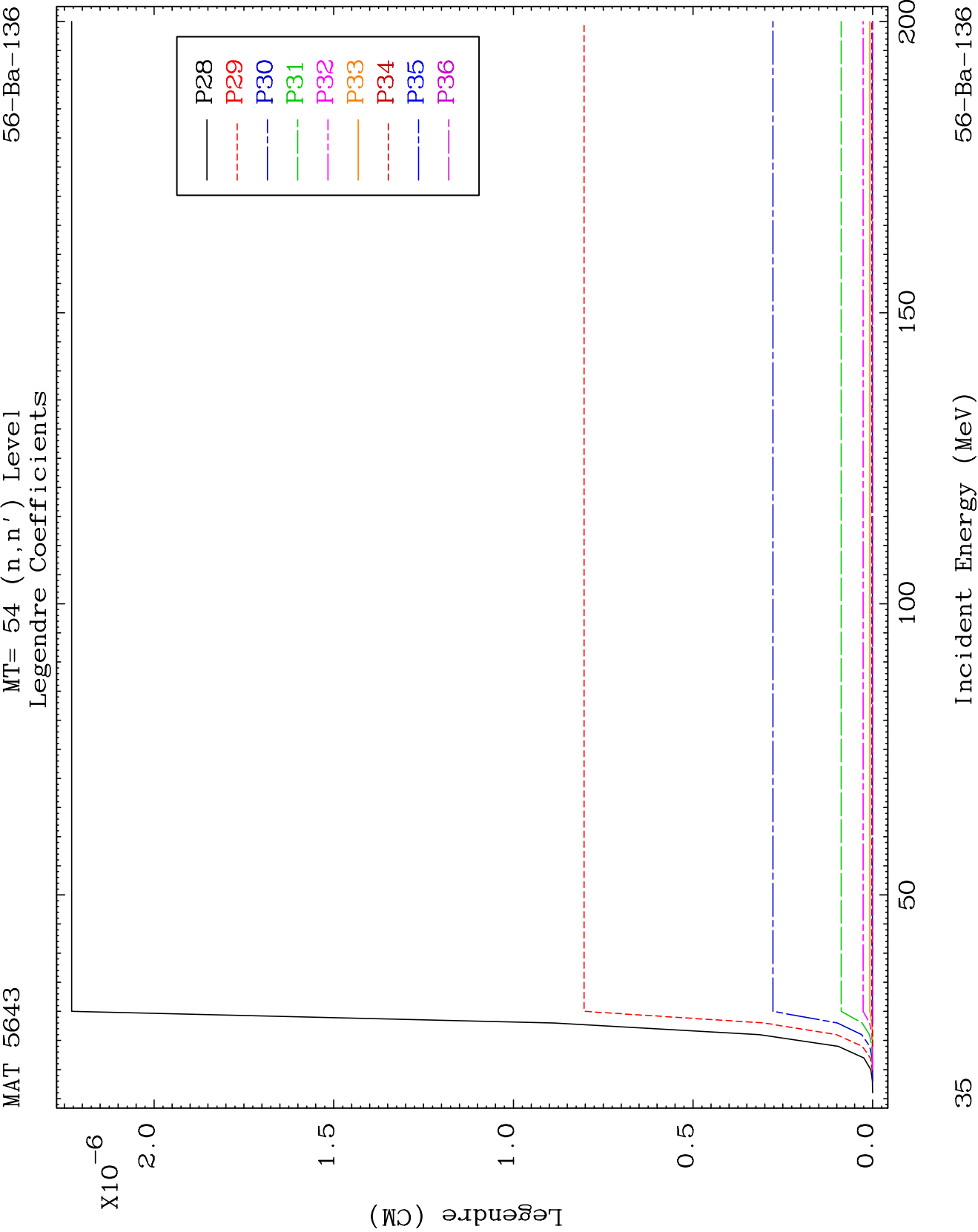


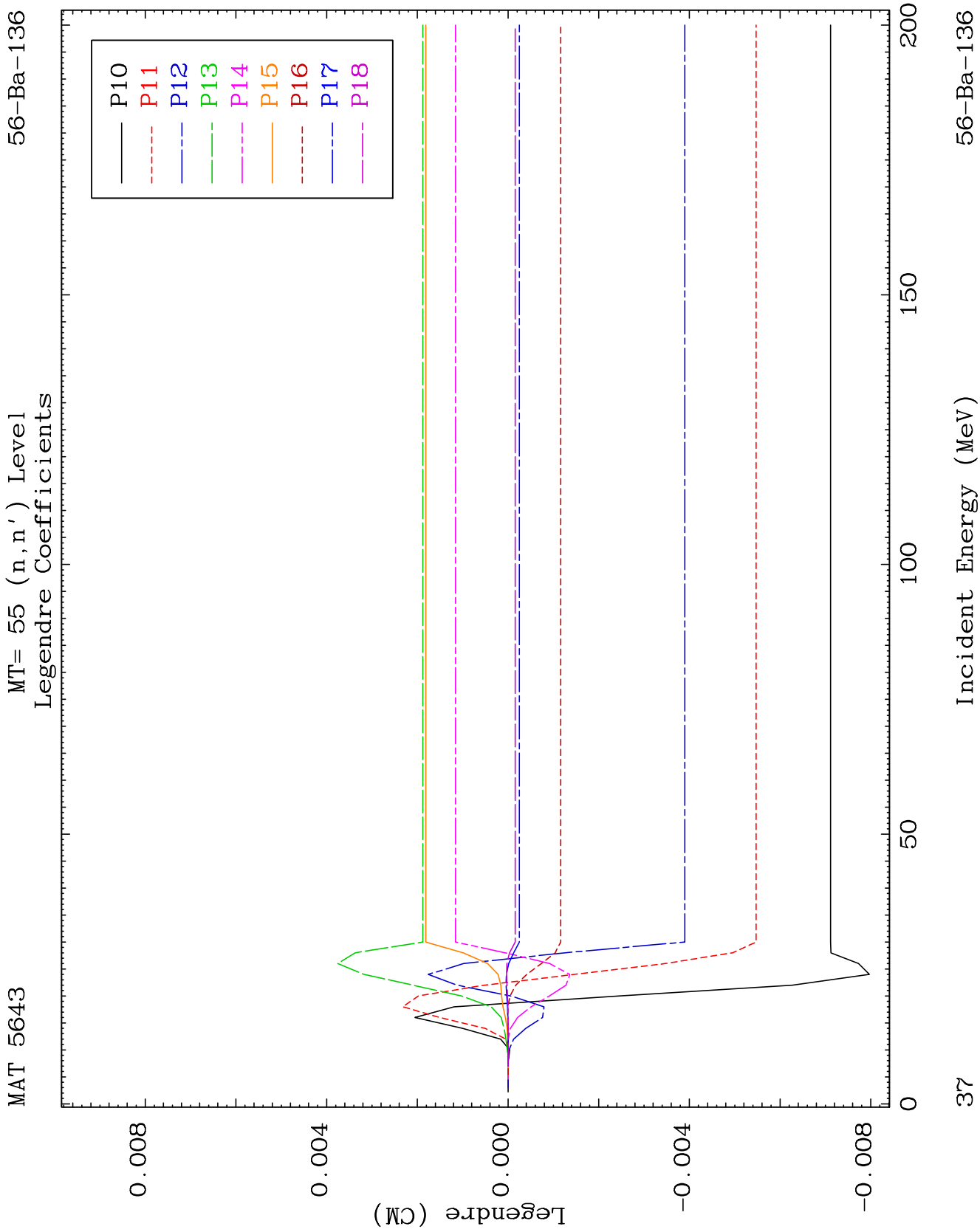
MAT 5643

MT= 54 (n, n') Level
Legendre Coefficients

56-Ba-136



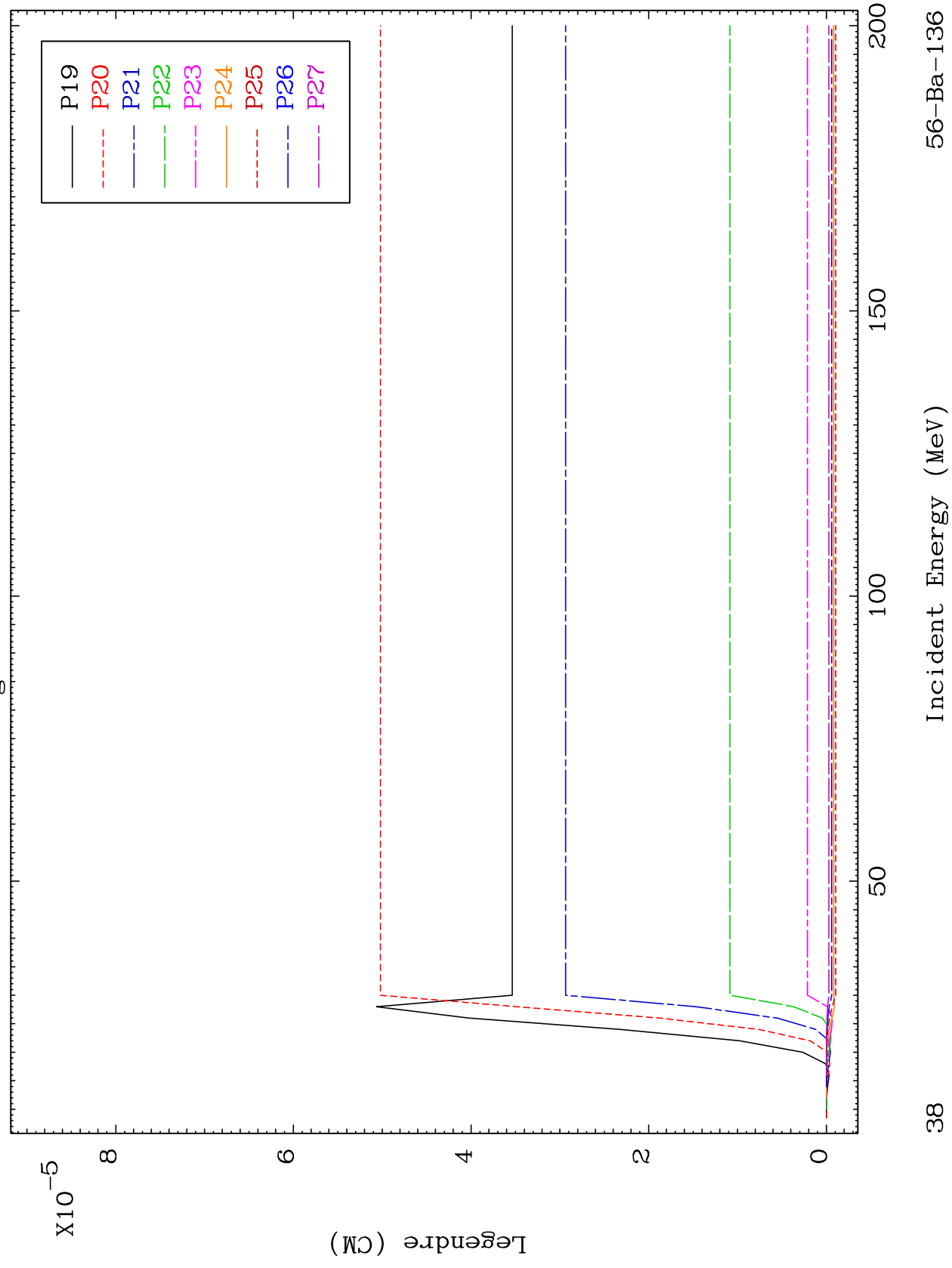


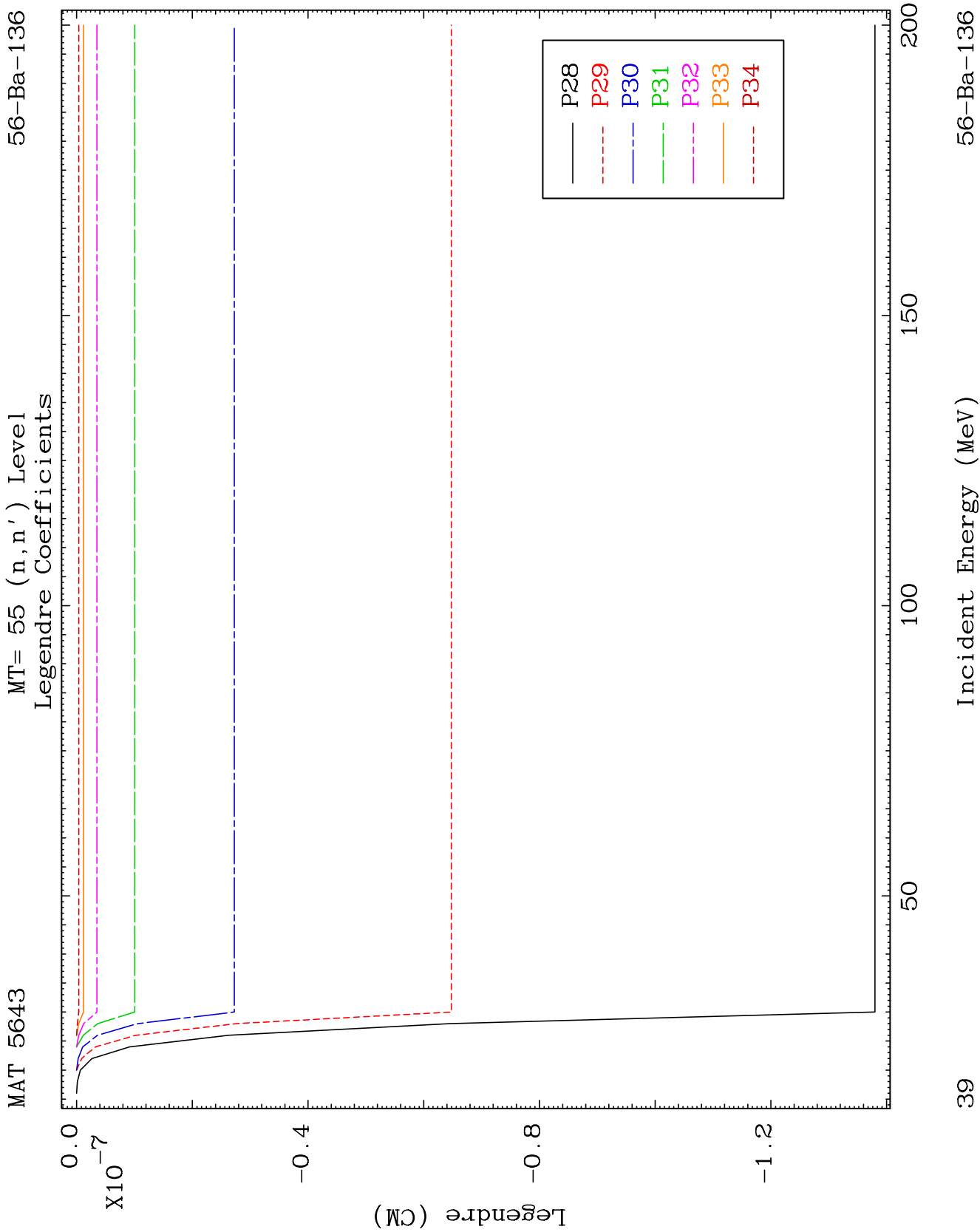


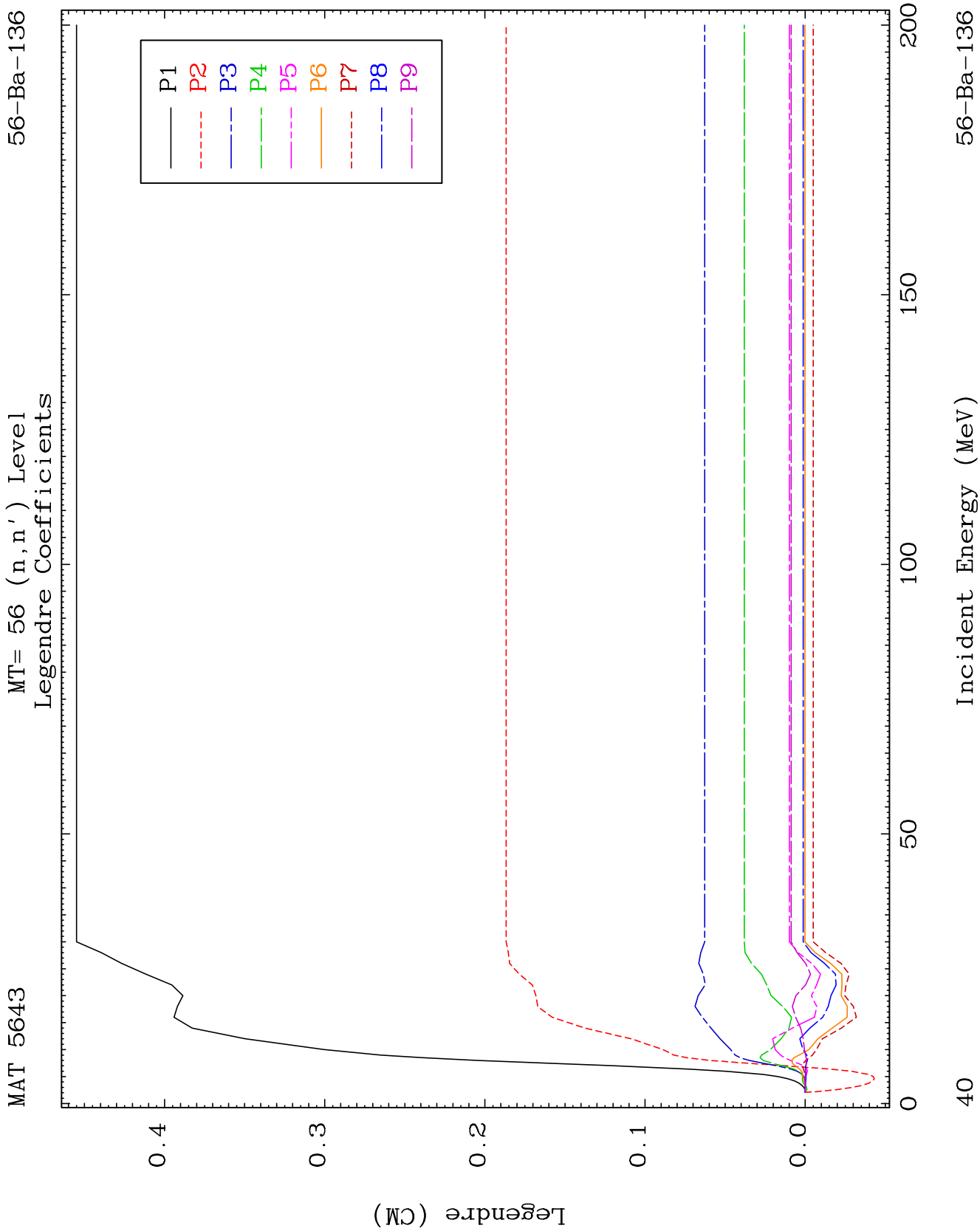
MAT 5643

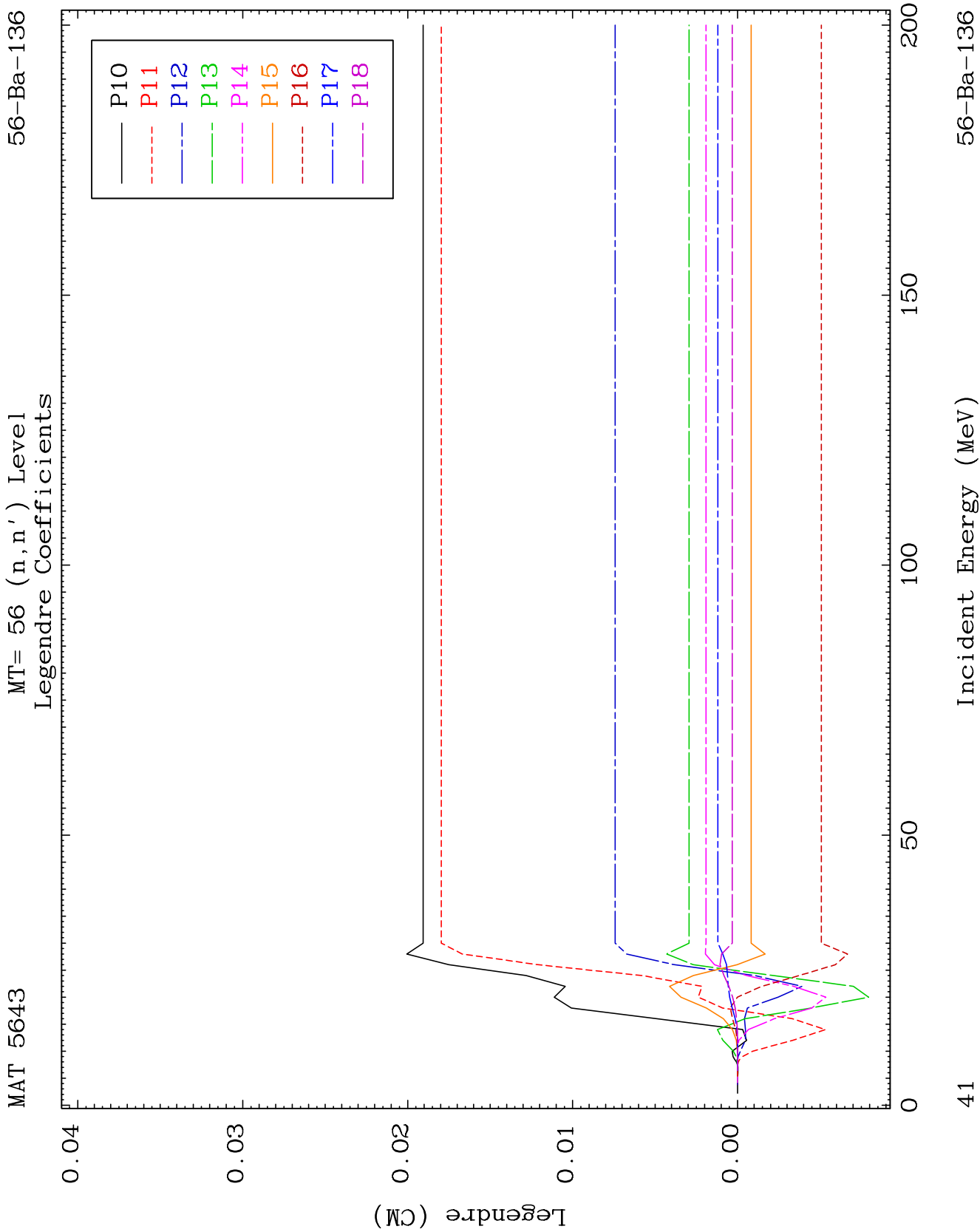
MT= 55 (n, n') Level
Legendre Coefficients

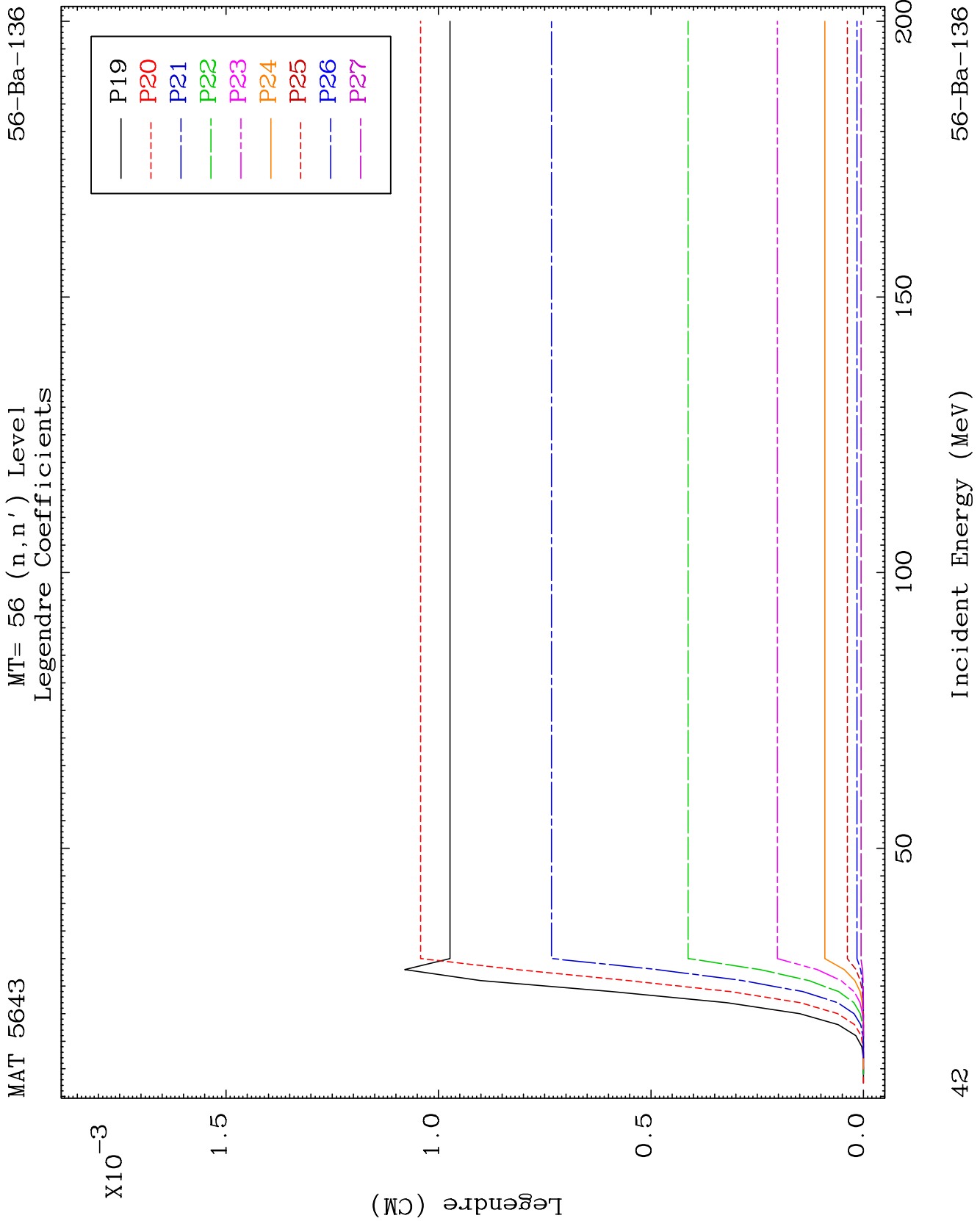
56-Ba-136

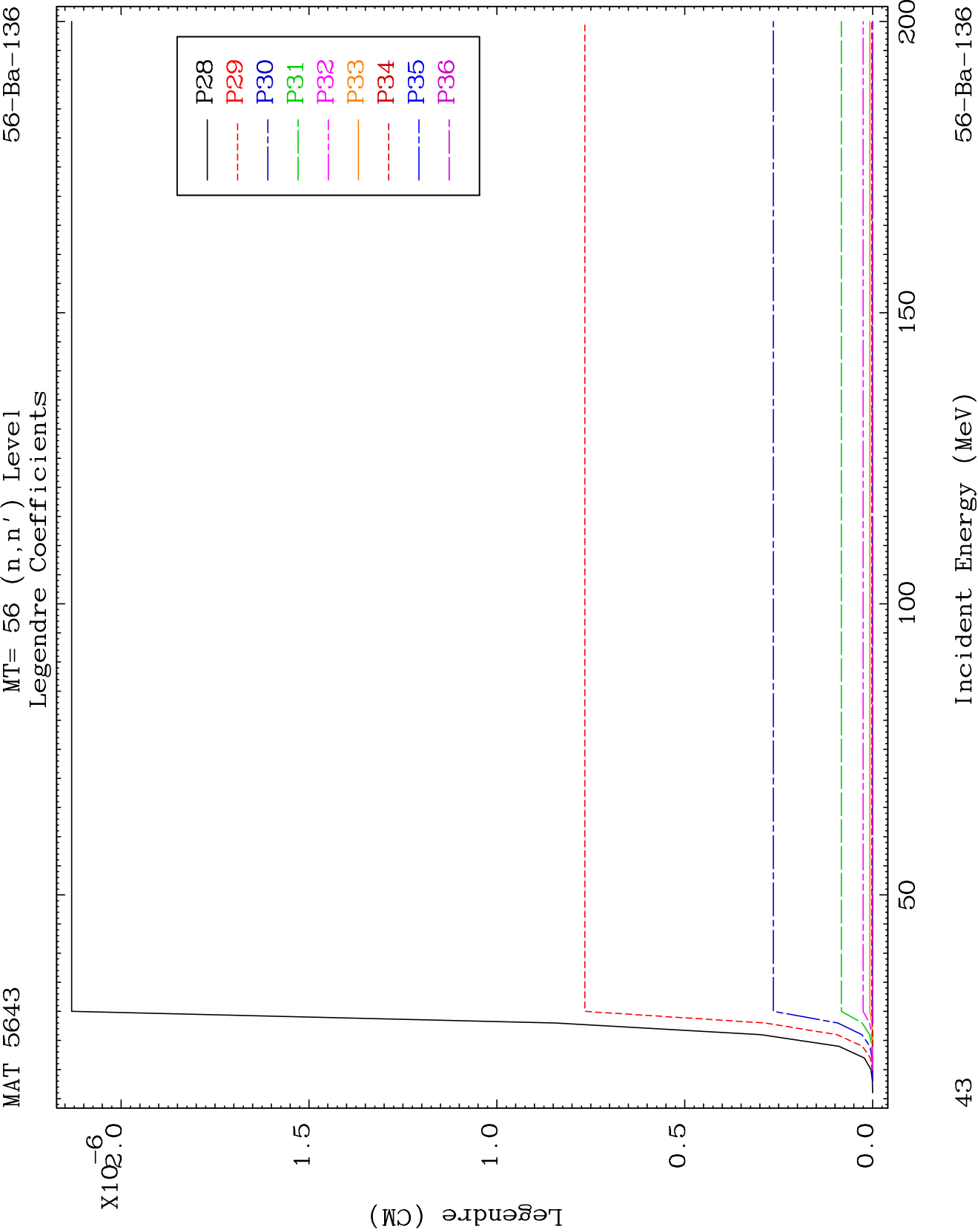


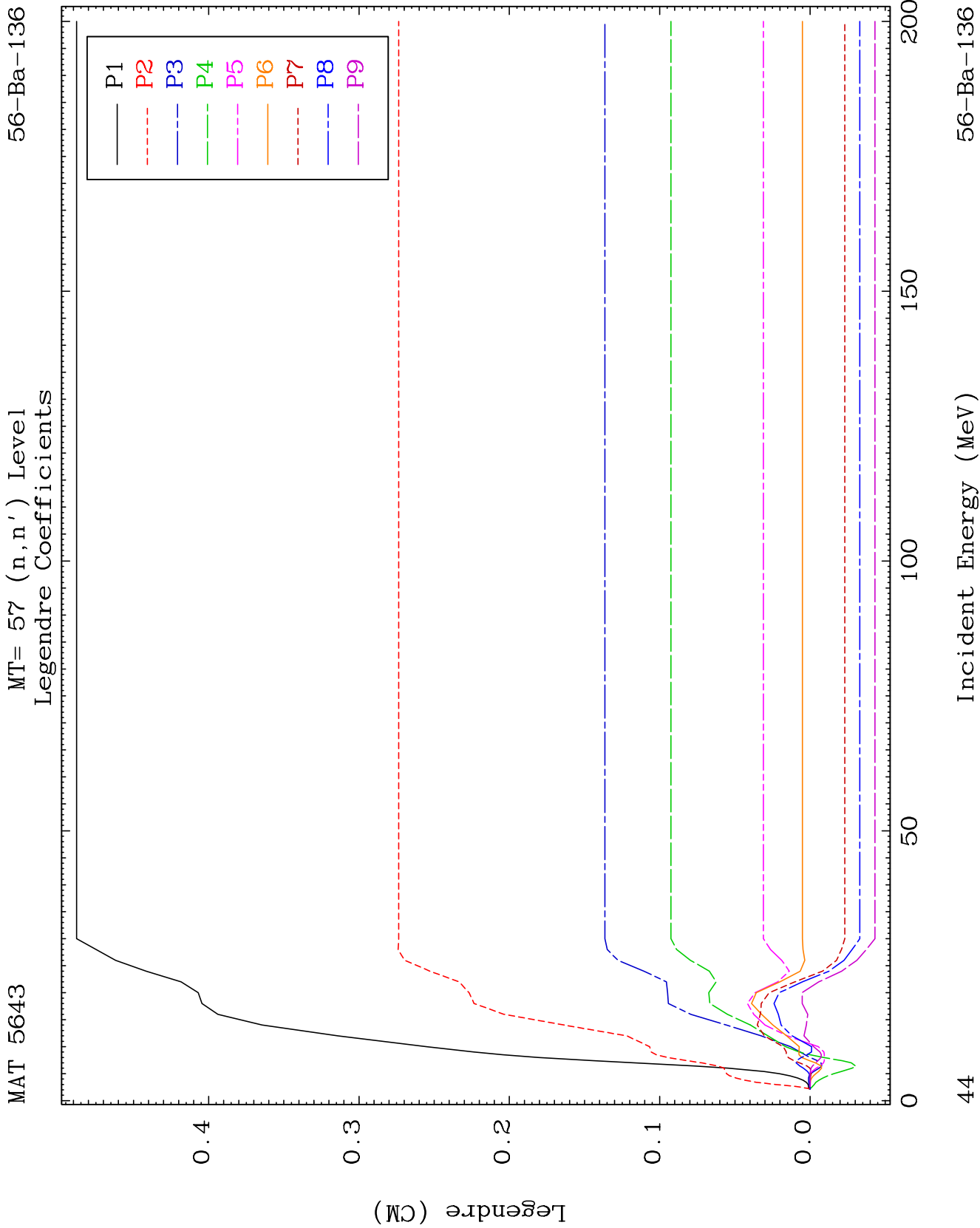


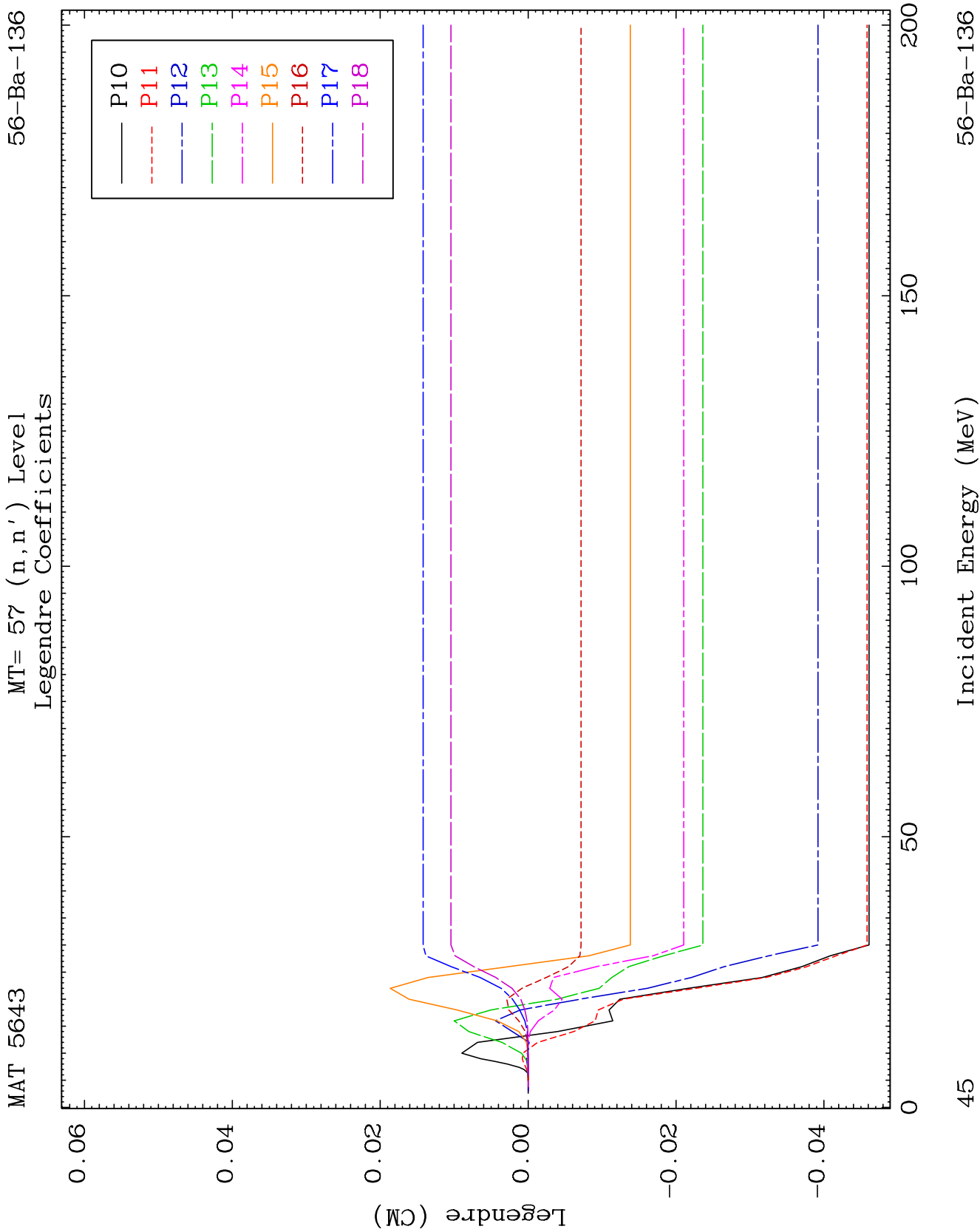


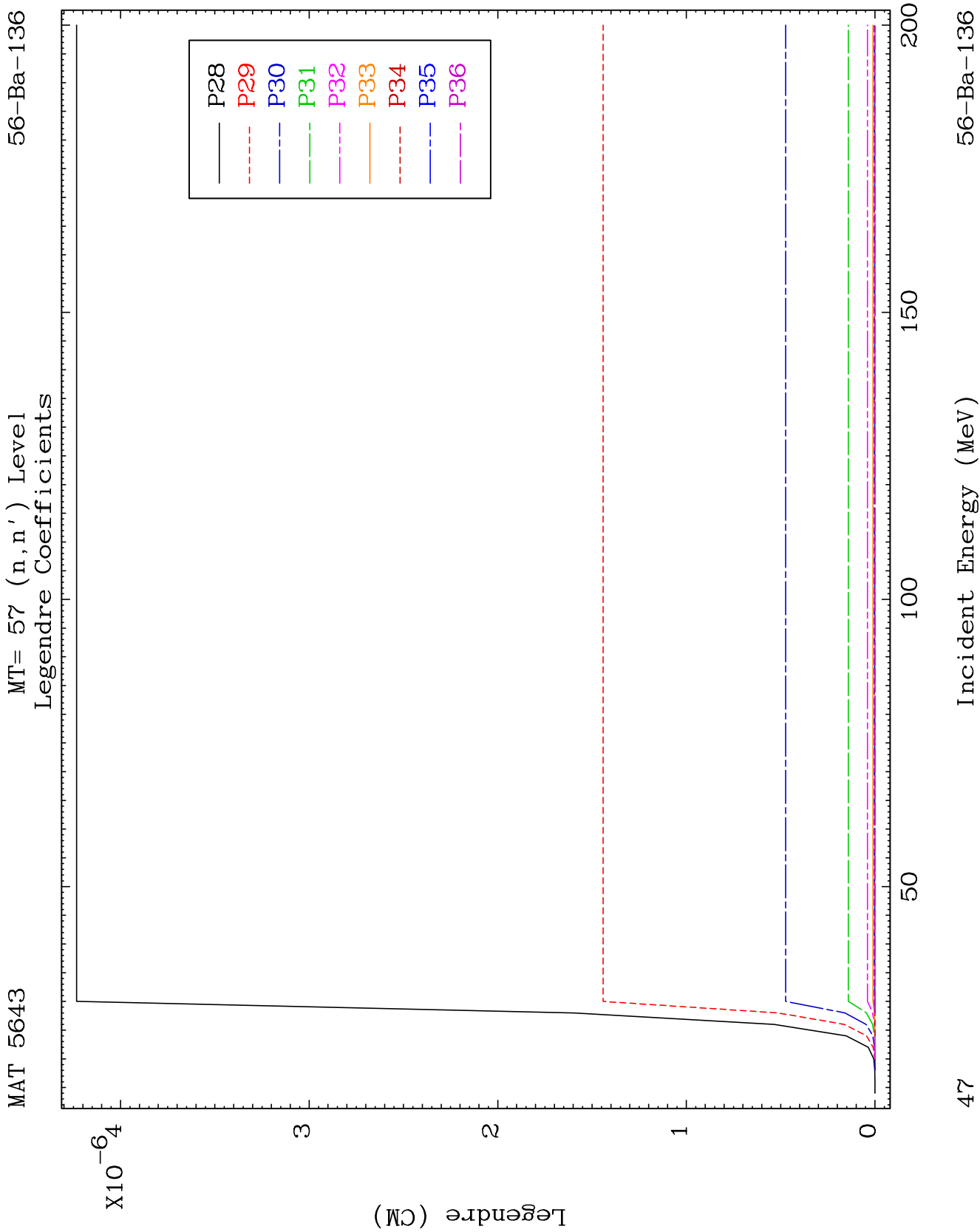








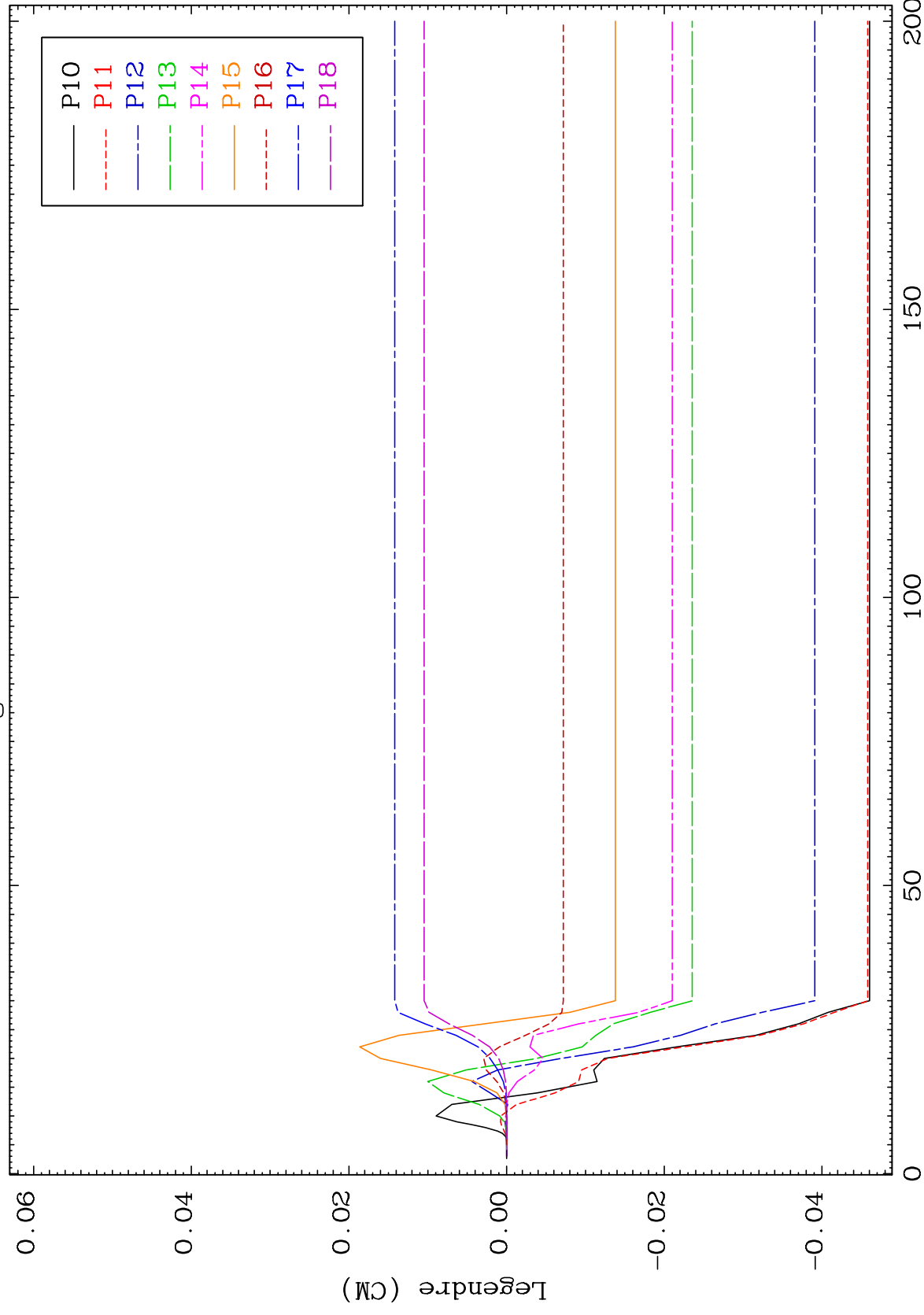




MAT 5643

MT= 58 (n, n') Level
Legendre Coefficients

56-Ba-136



49

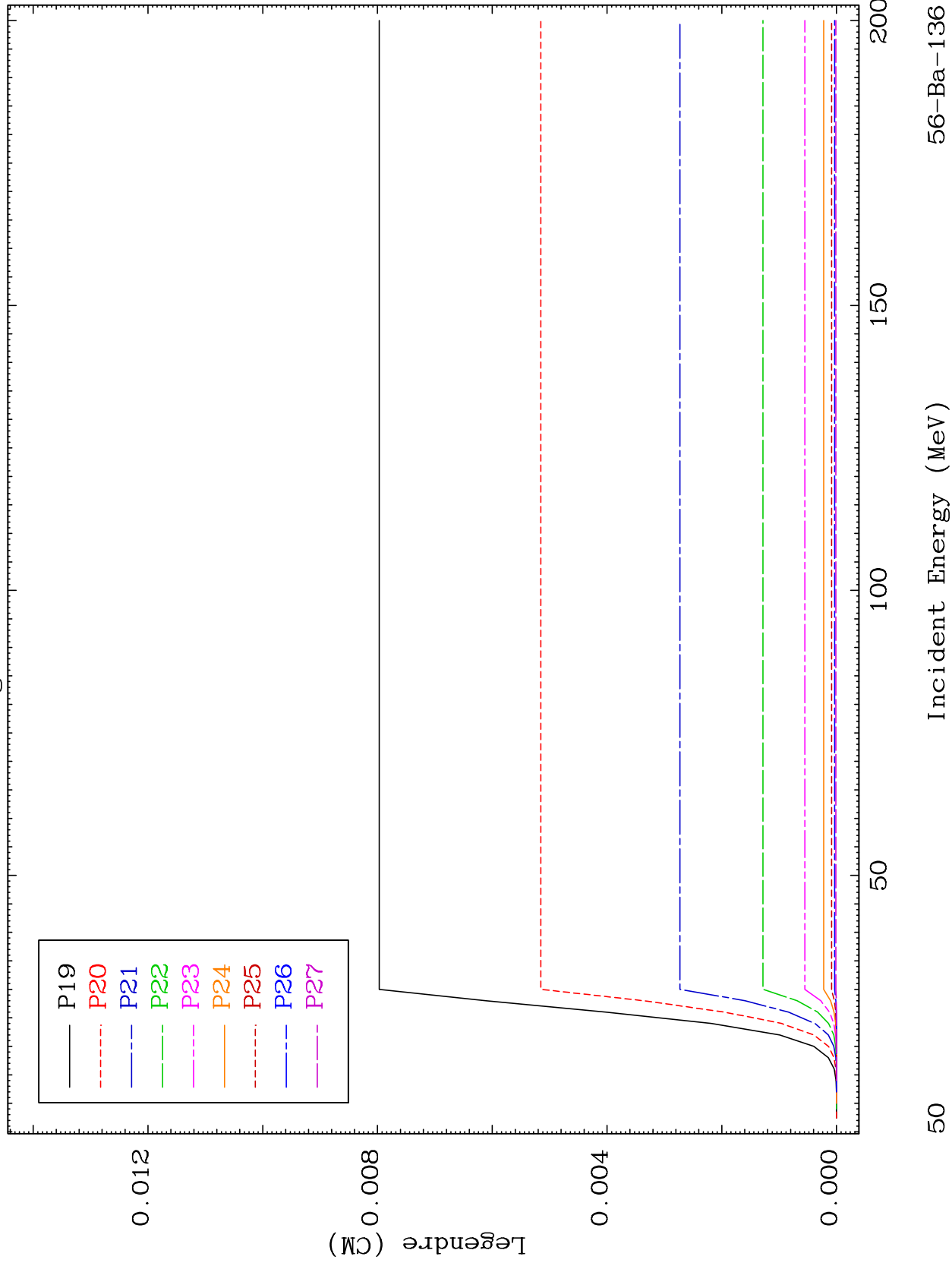
Incident Energy (MeV)

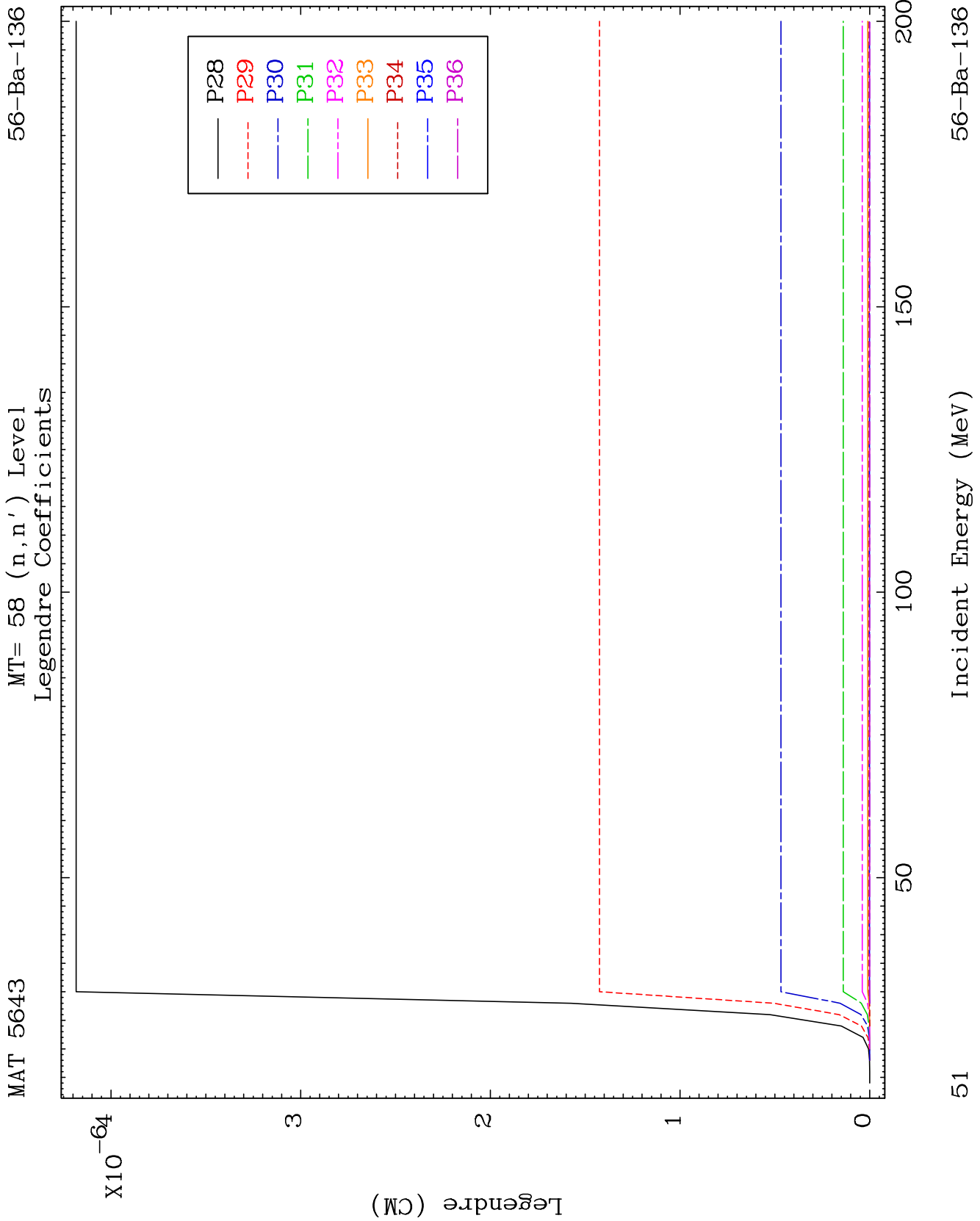
56-Ba-136

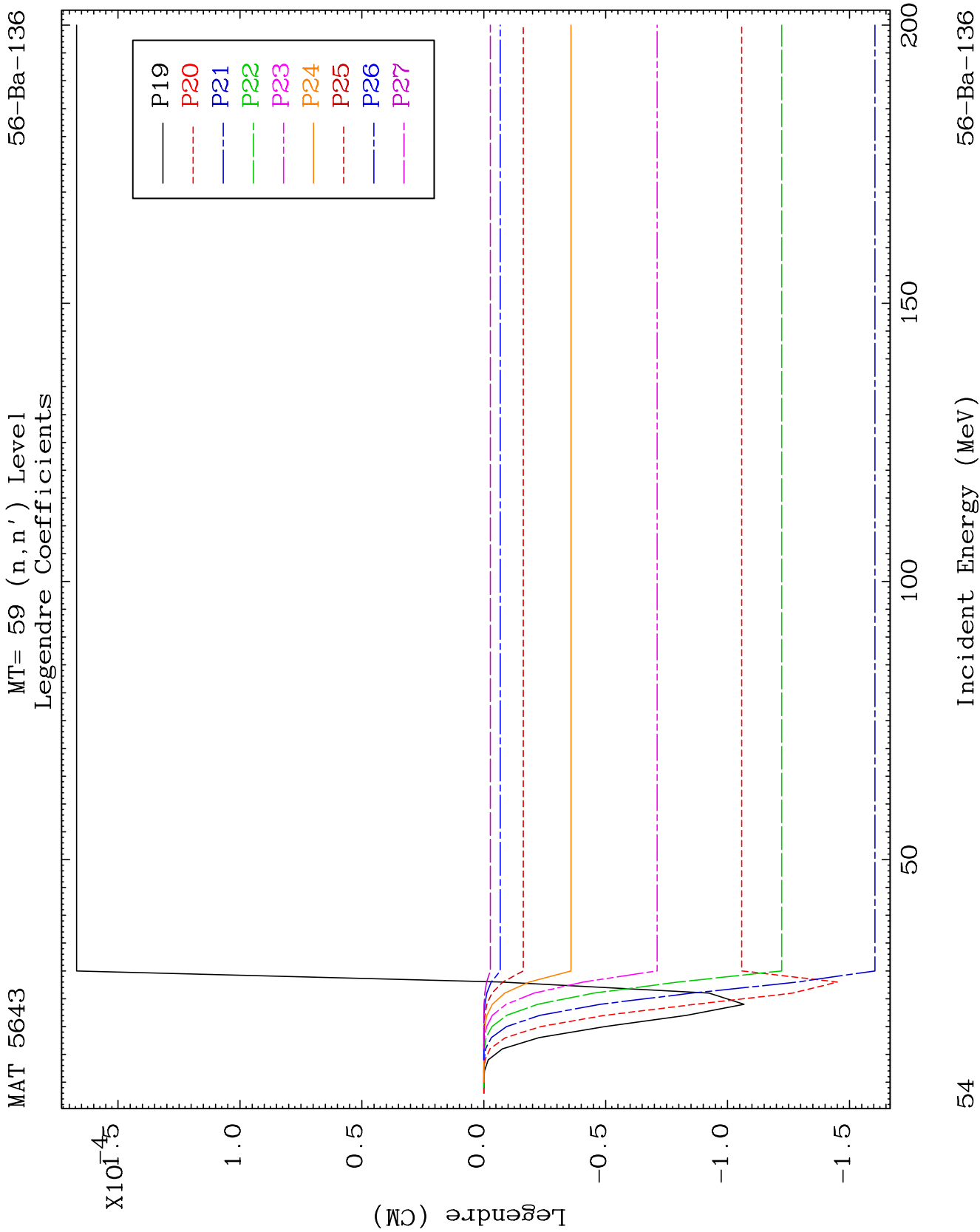
MAT 5643

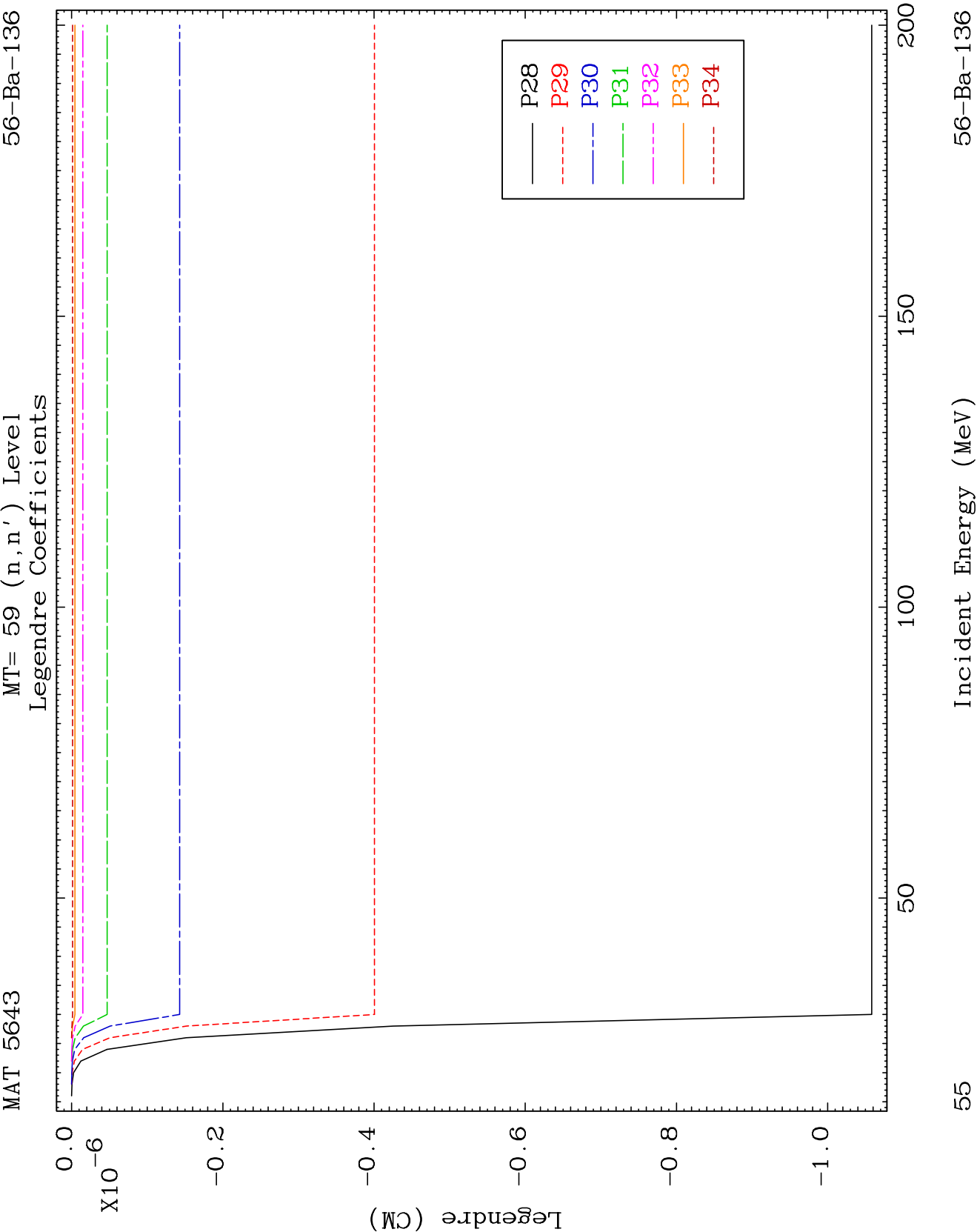
MT= 58 (n, n') Level
Legendre Coefficients

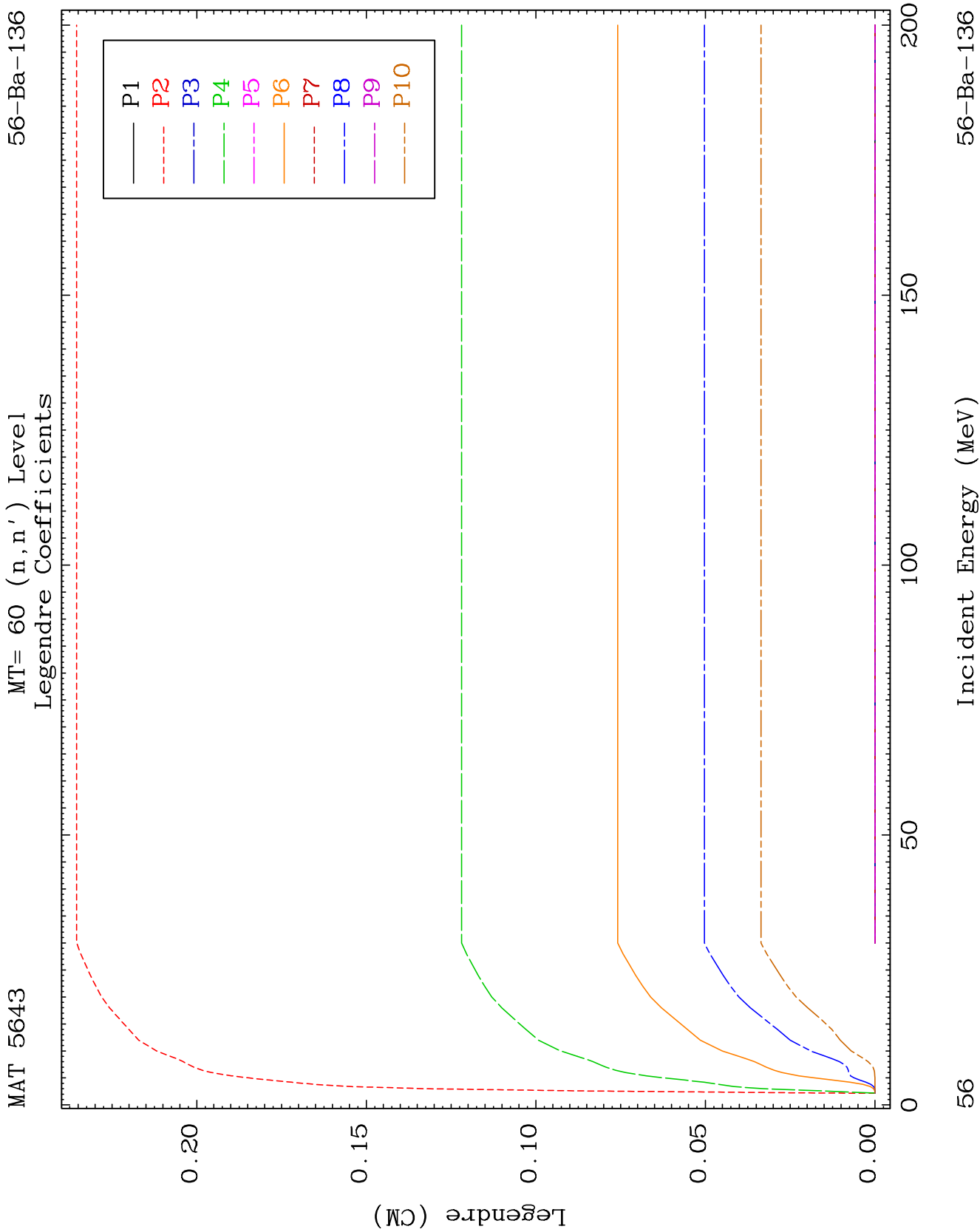
56-Ba-136







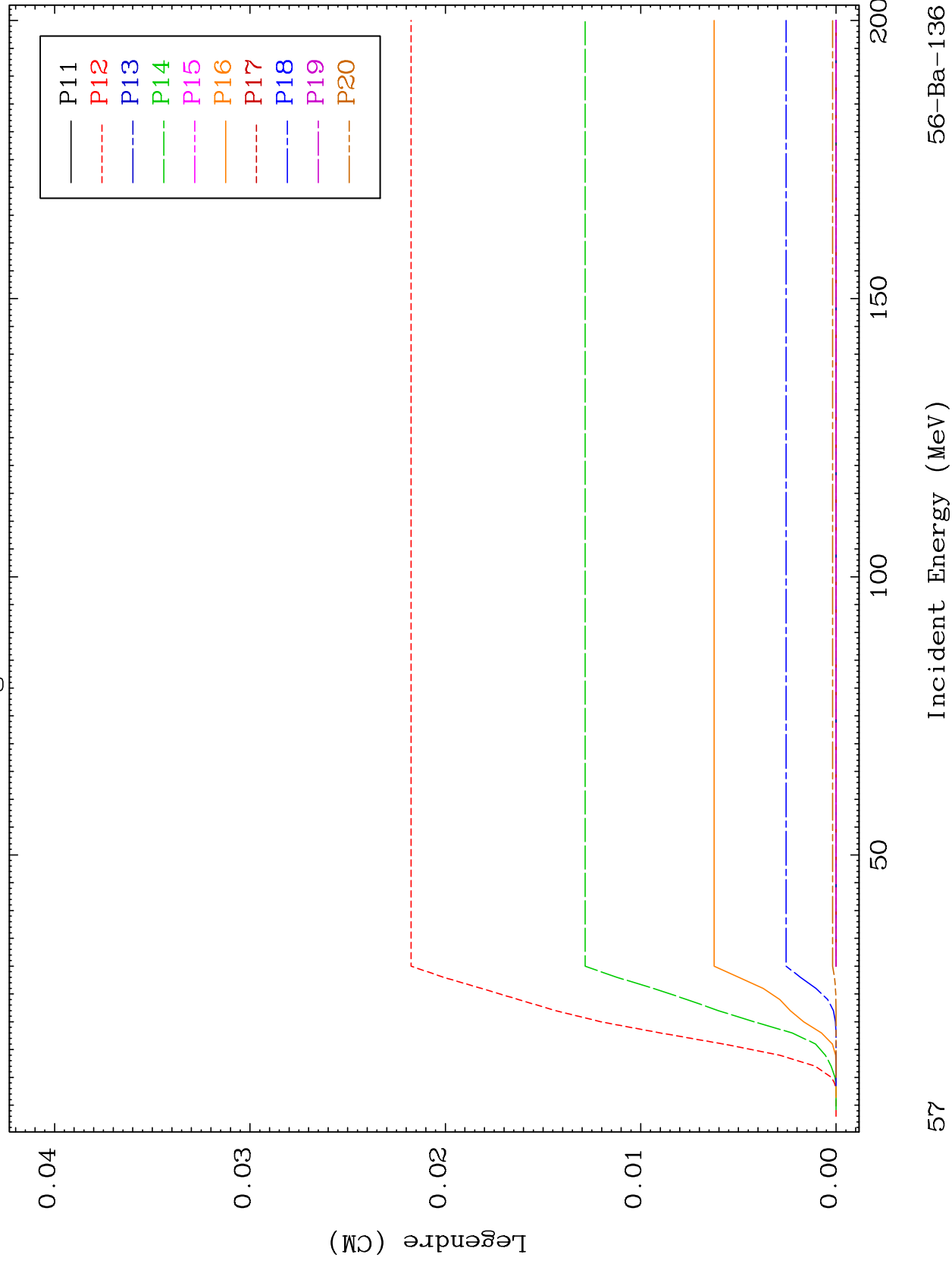




MAT 5643

MT= 60 (n, n') Level
Legendre Coefficients

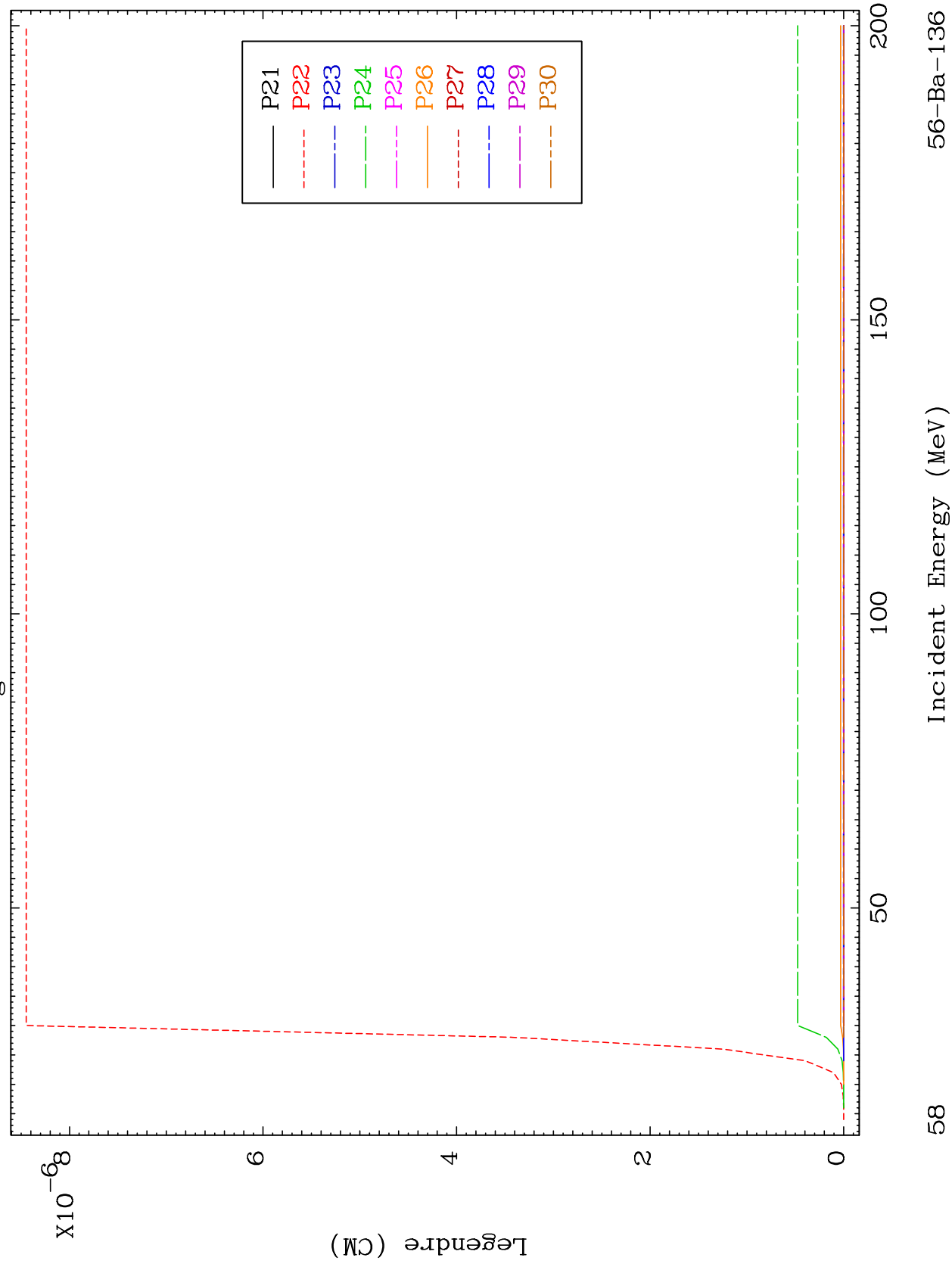
56-Ba-136



MAT 5643

MT= 60 (n, n') Level
Legendre Coefficients

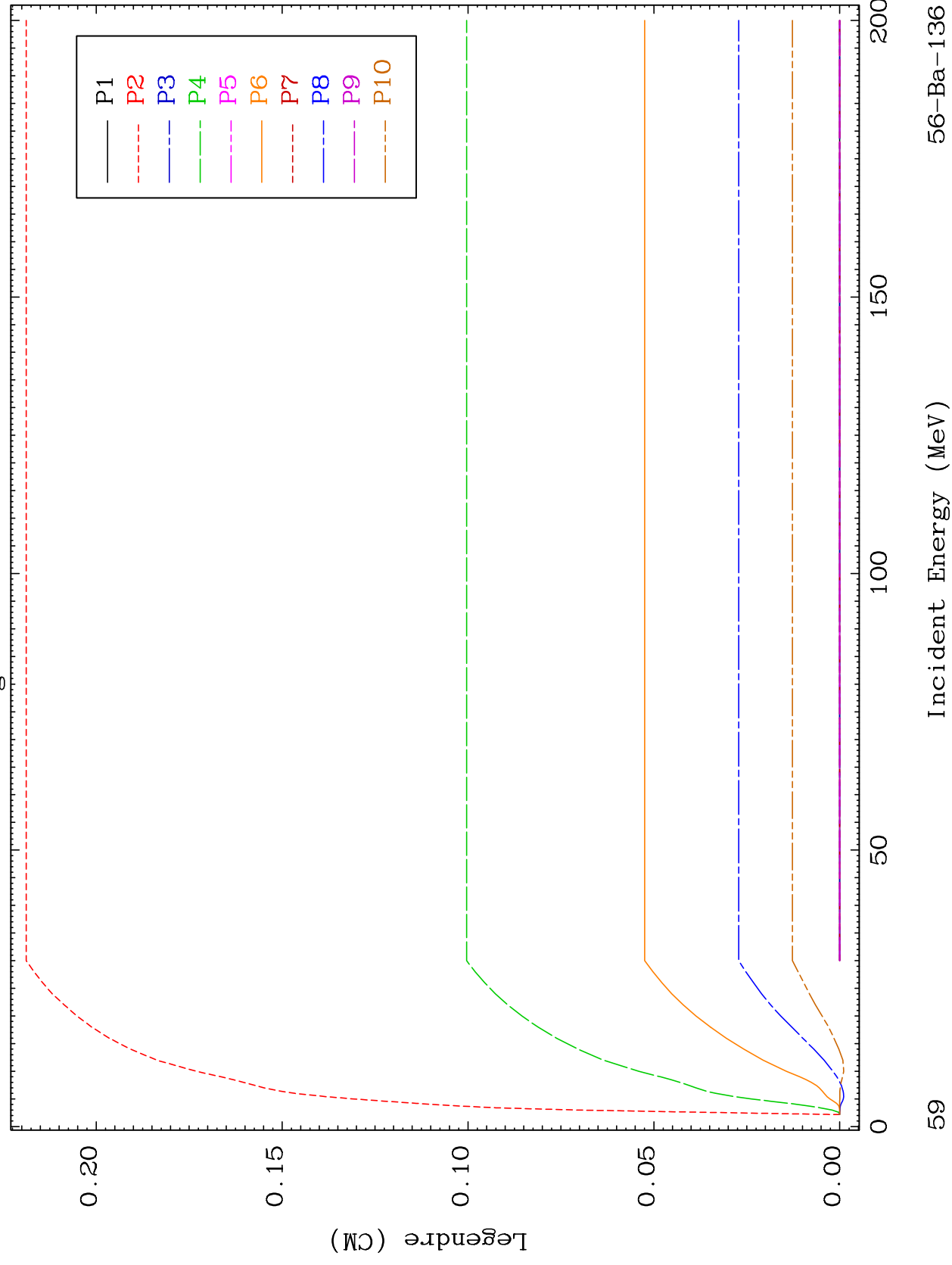
56-Ba-136

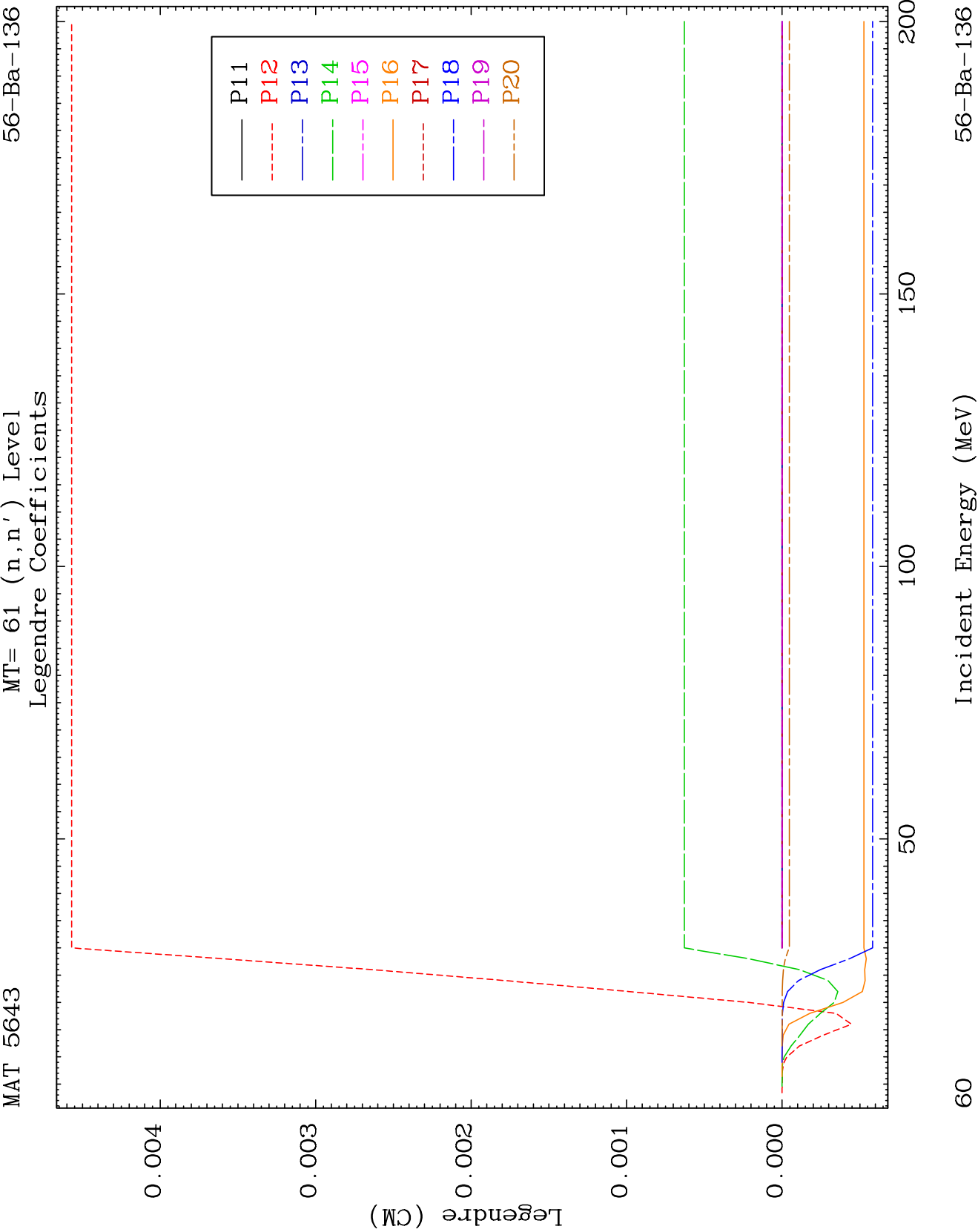


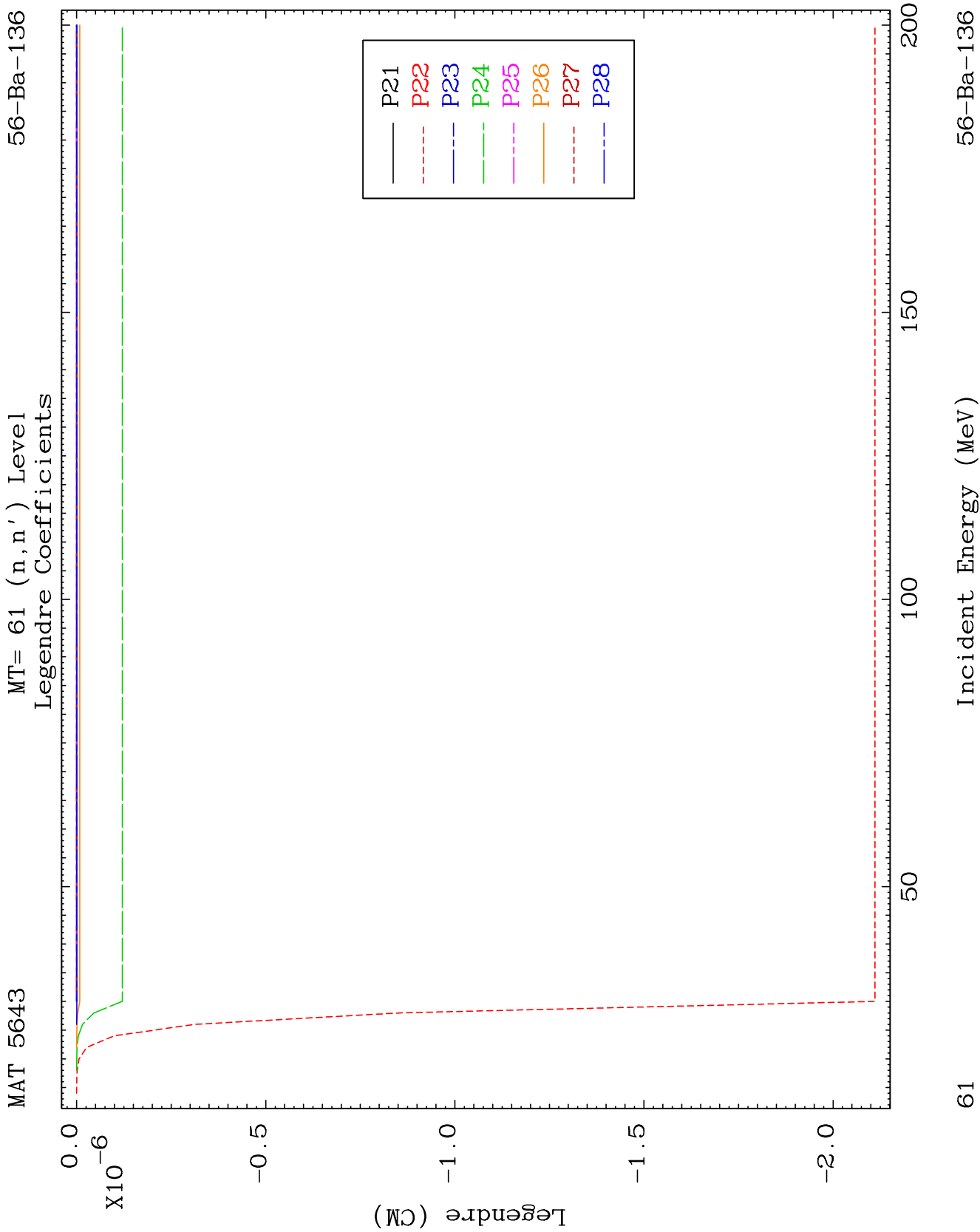
MAT 5643

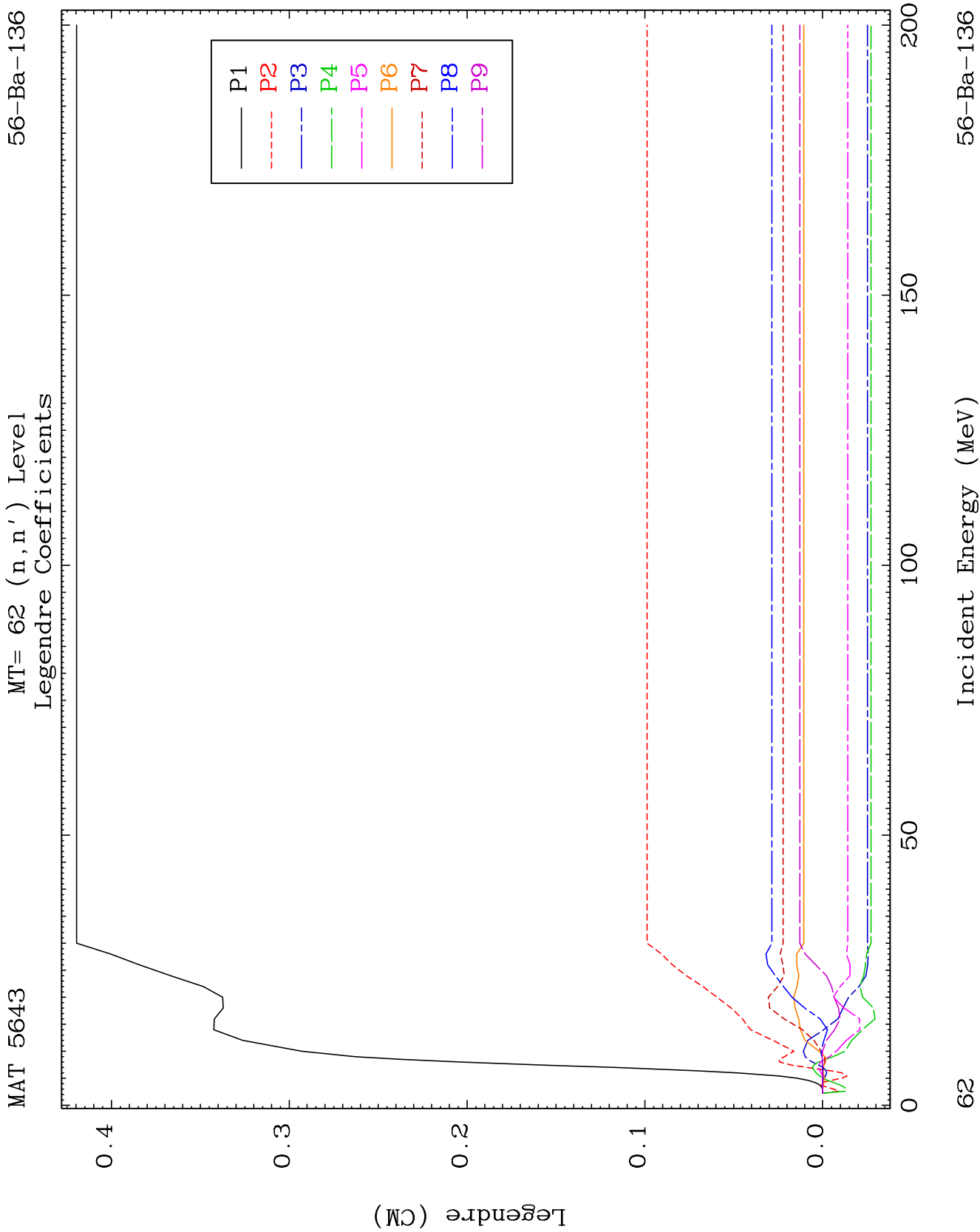
MT= 61 (n, n') Level
Legendre Coefficients

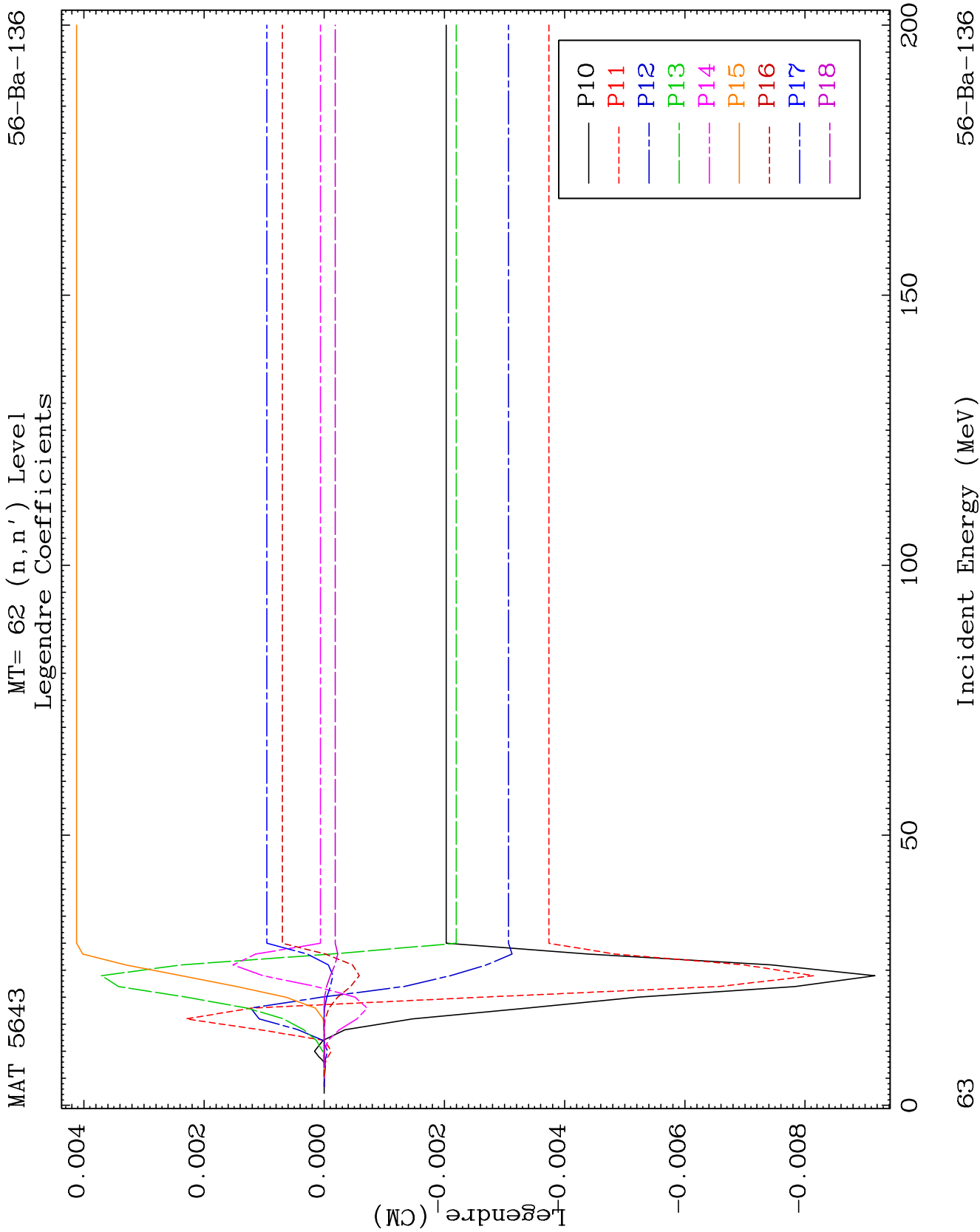
56-Ba-136

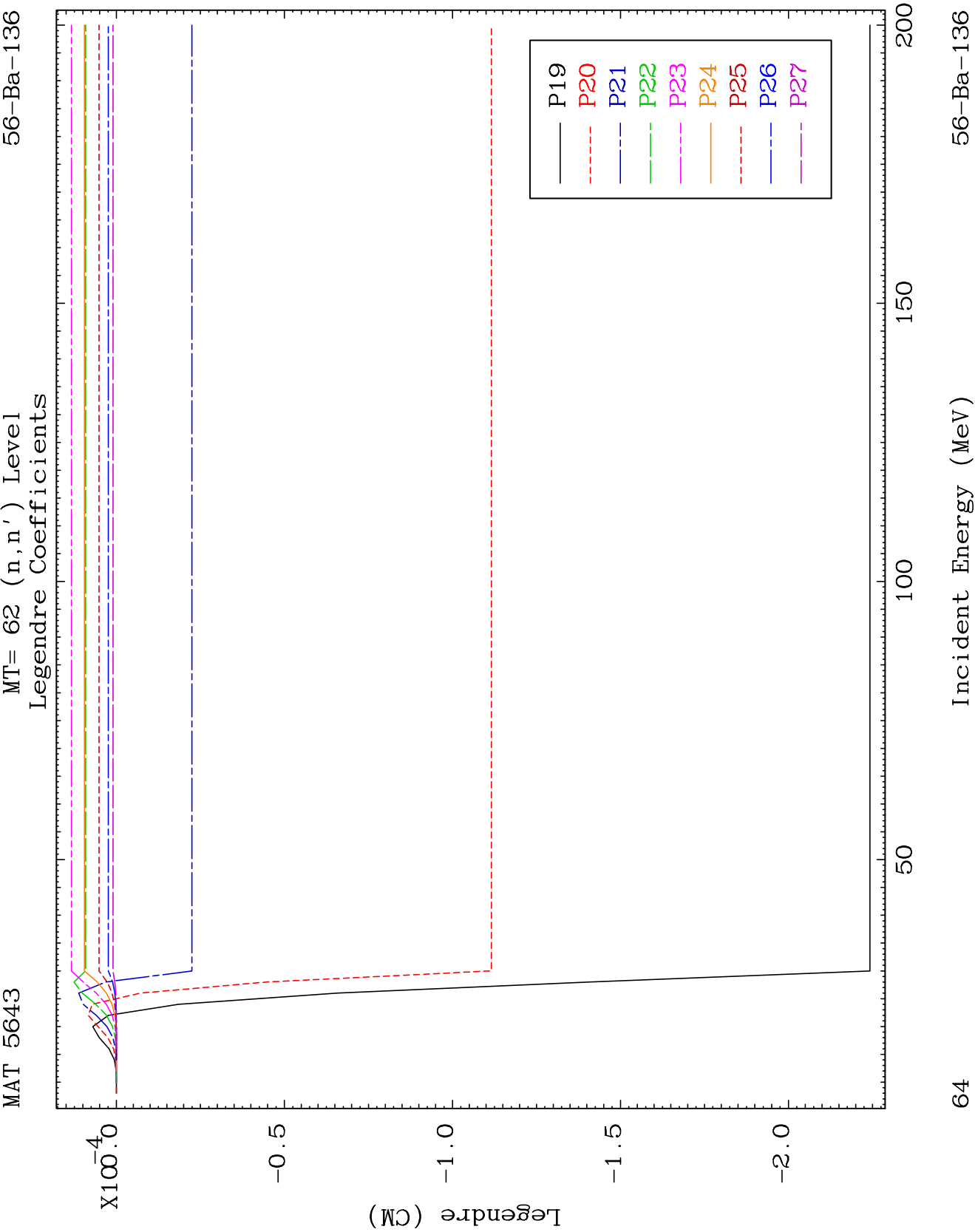


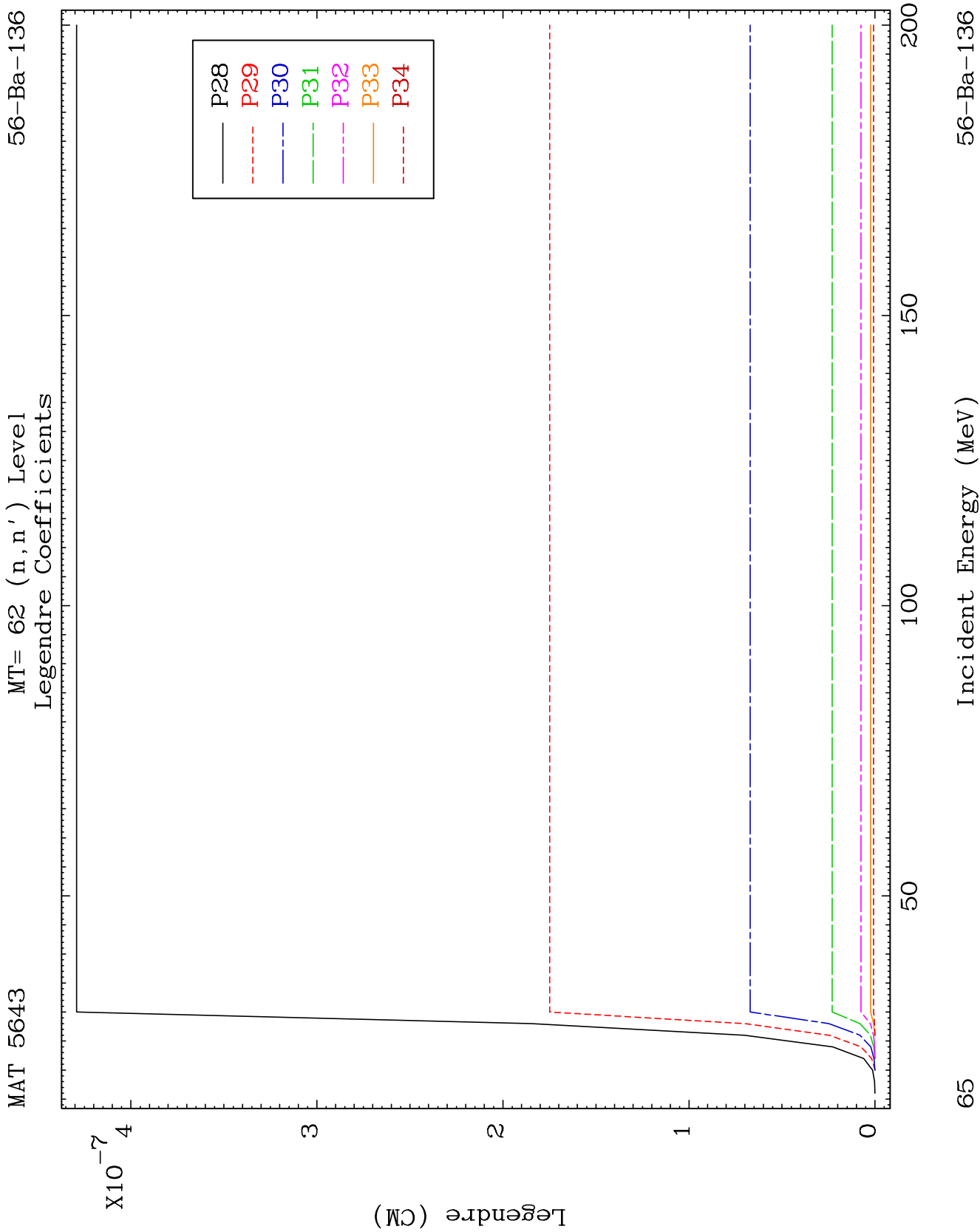








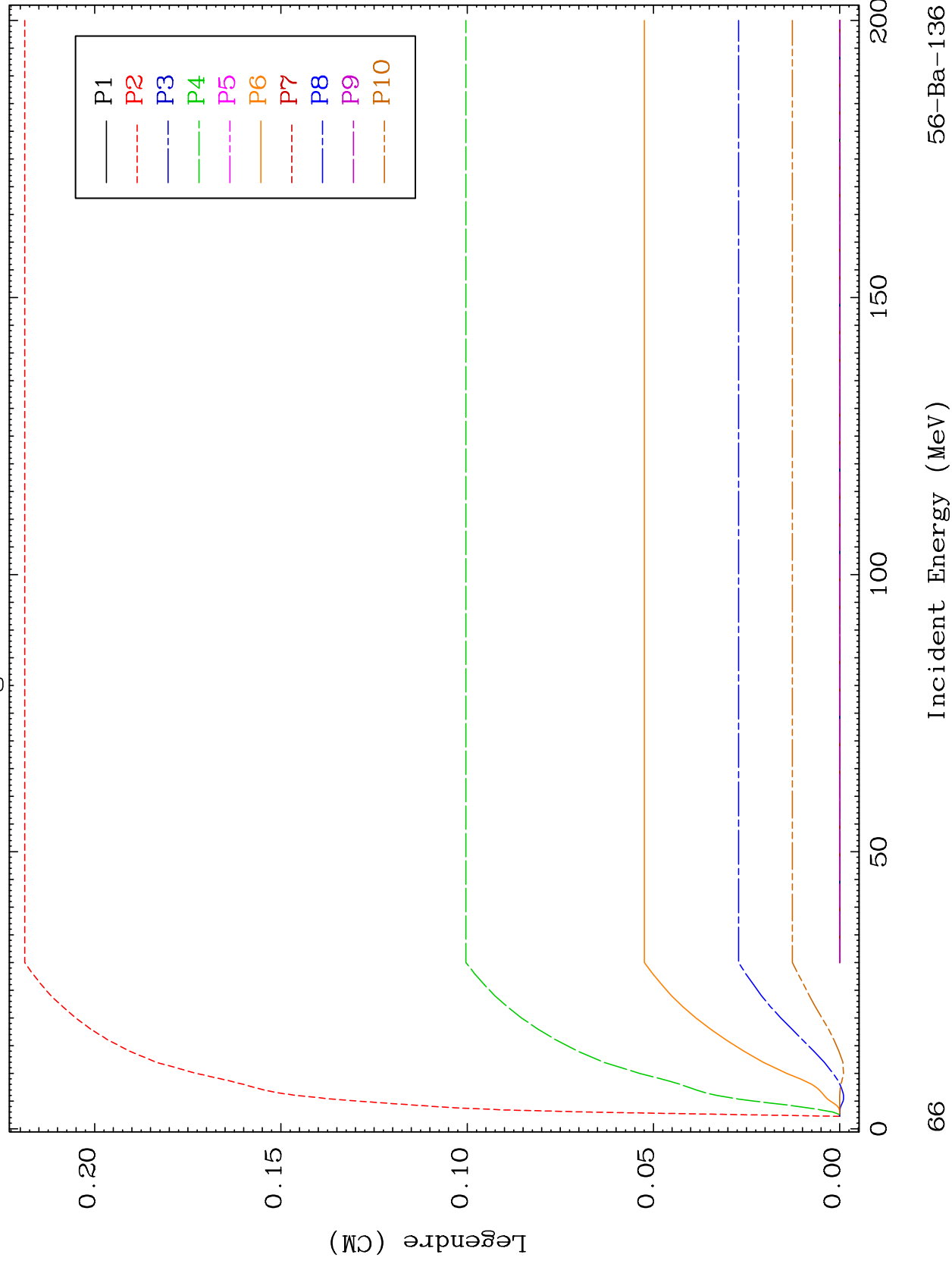


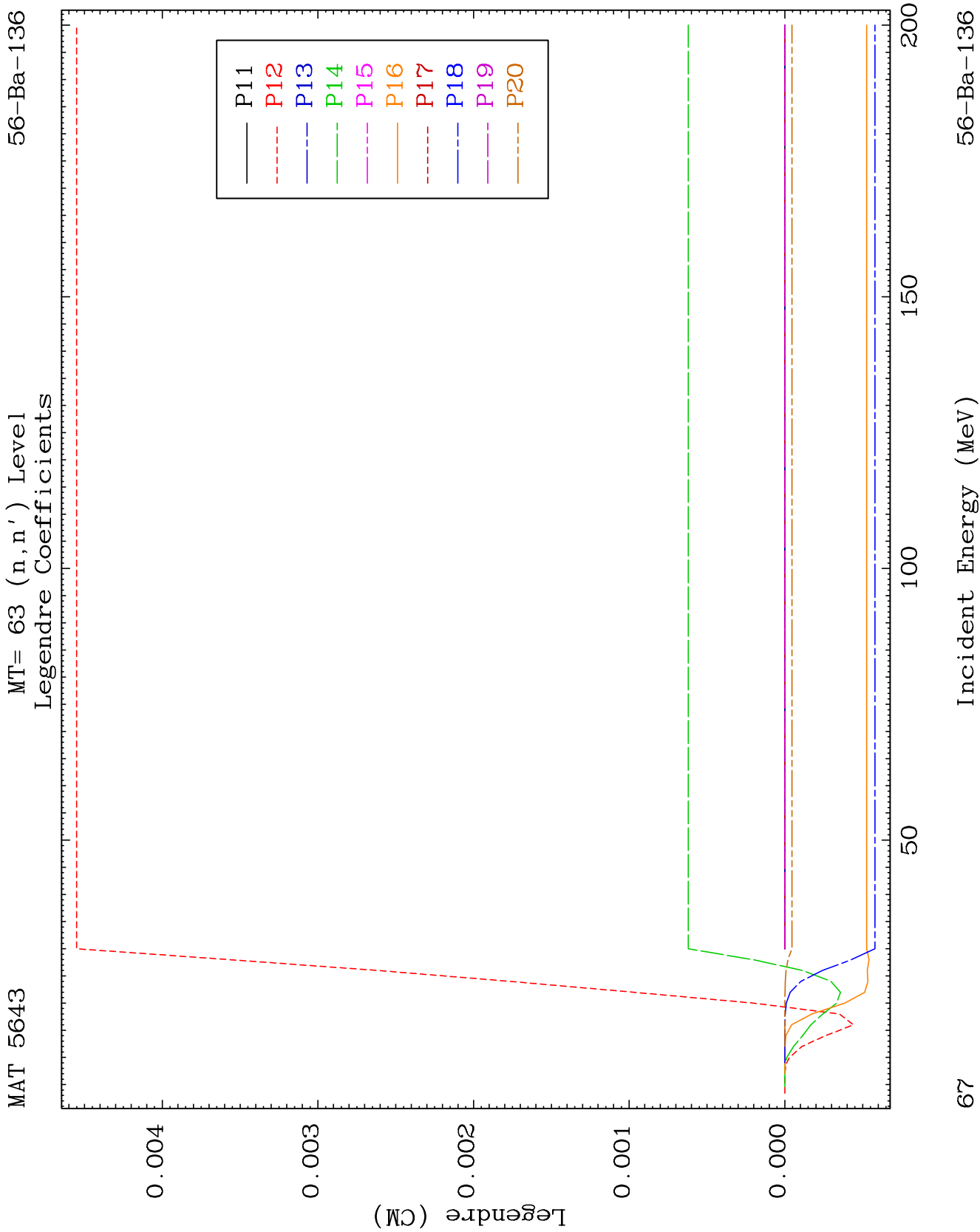


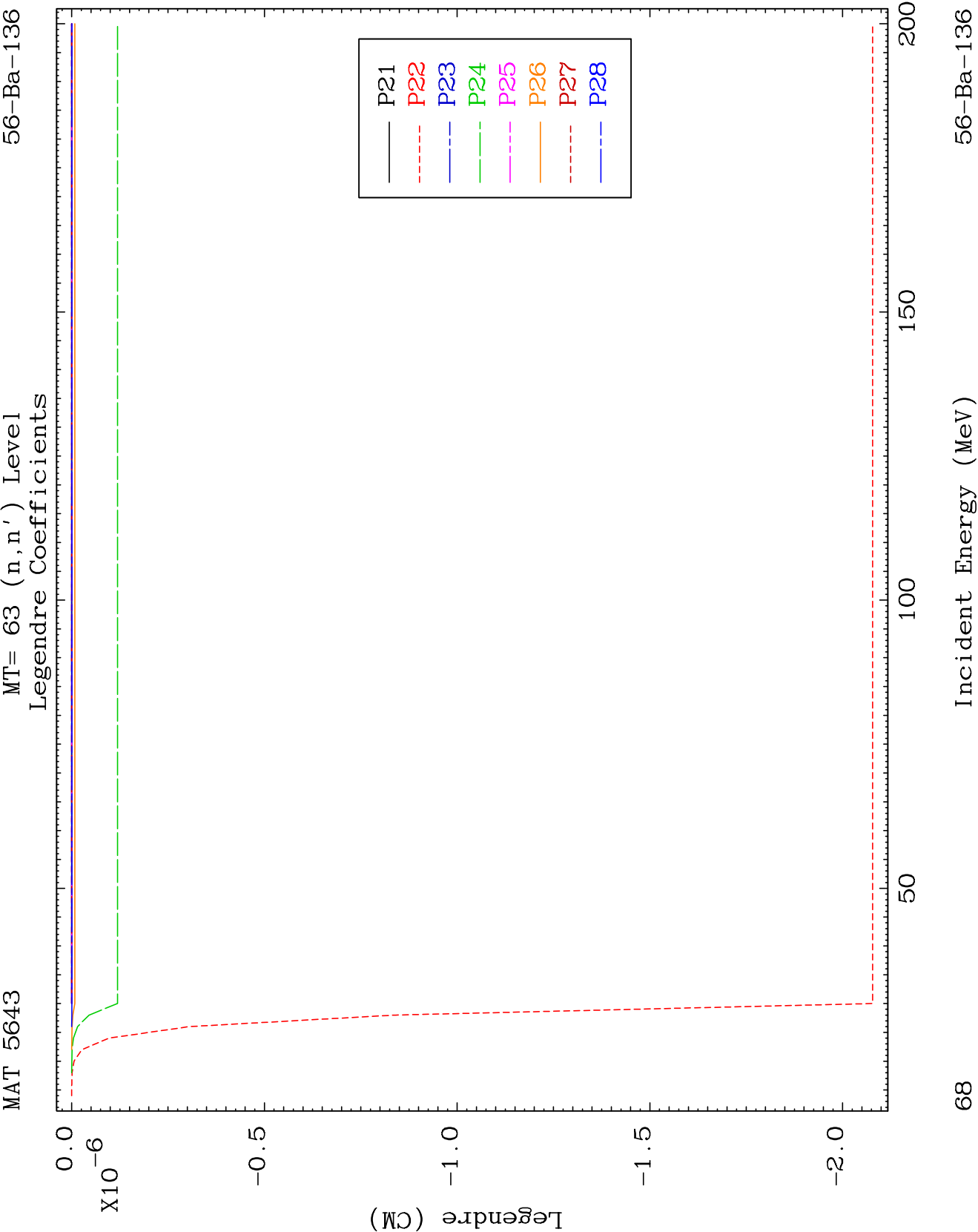
MAT 5643

MT= 63 (n, n') Level
Legendre Coefficients

56-Ba-136



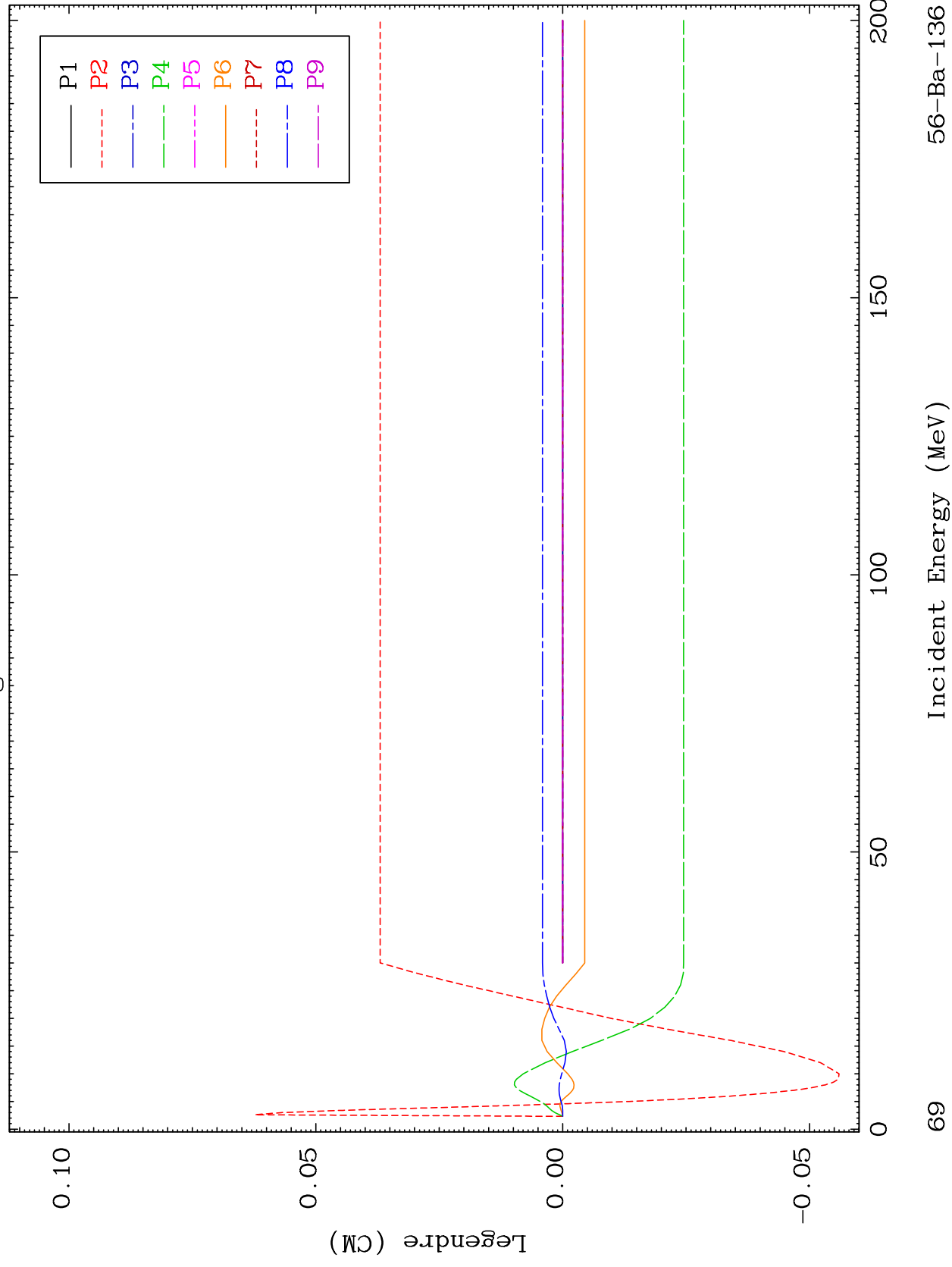


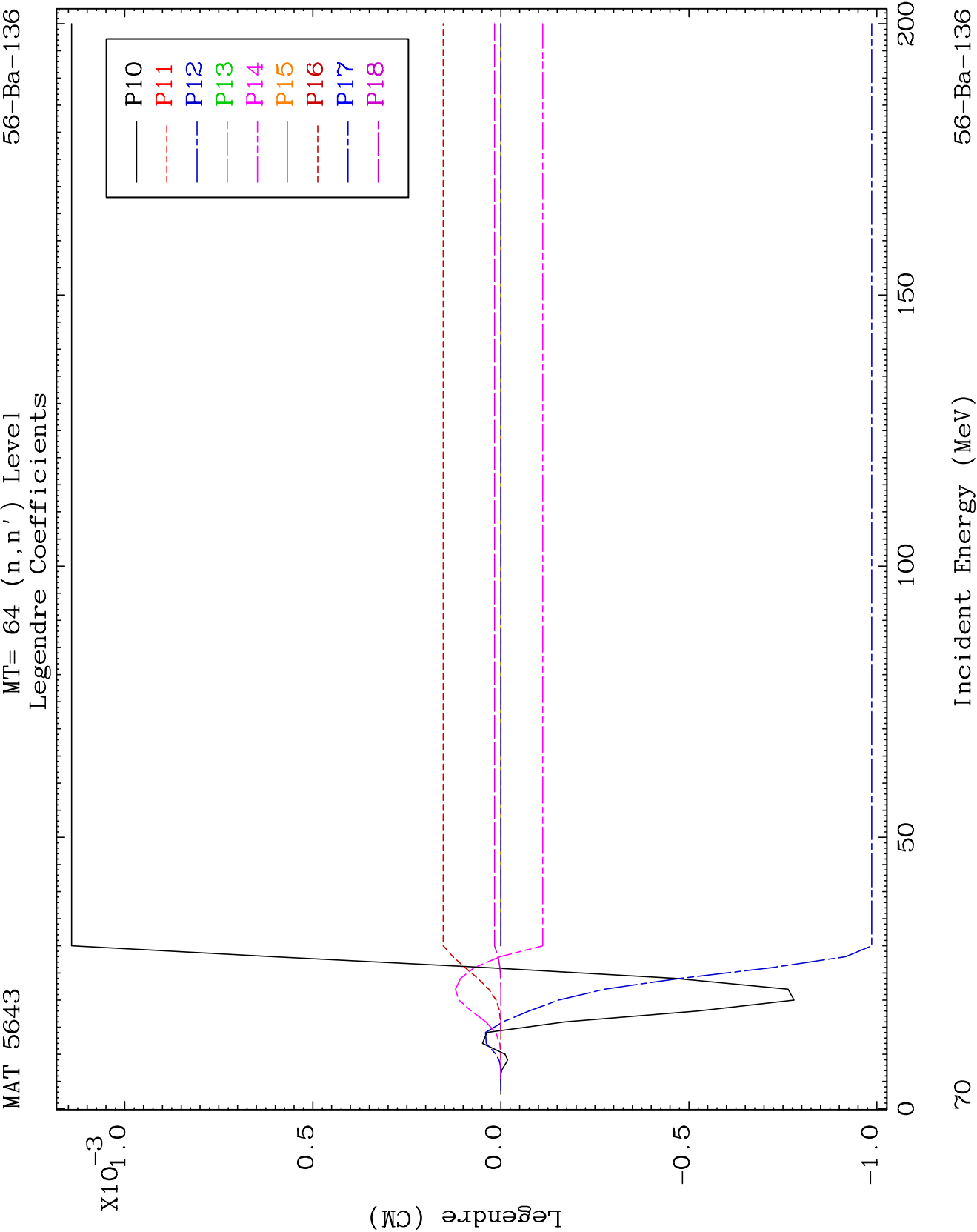


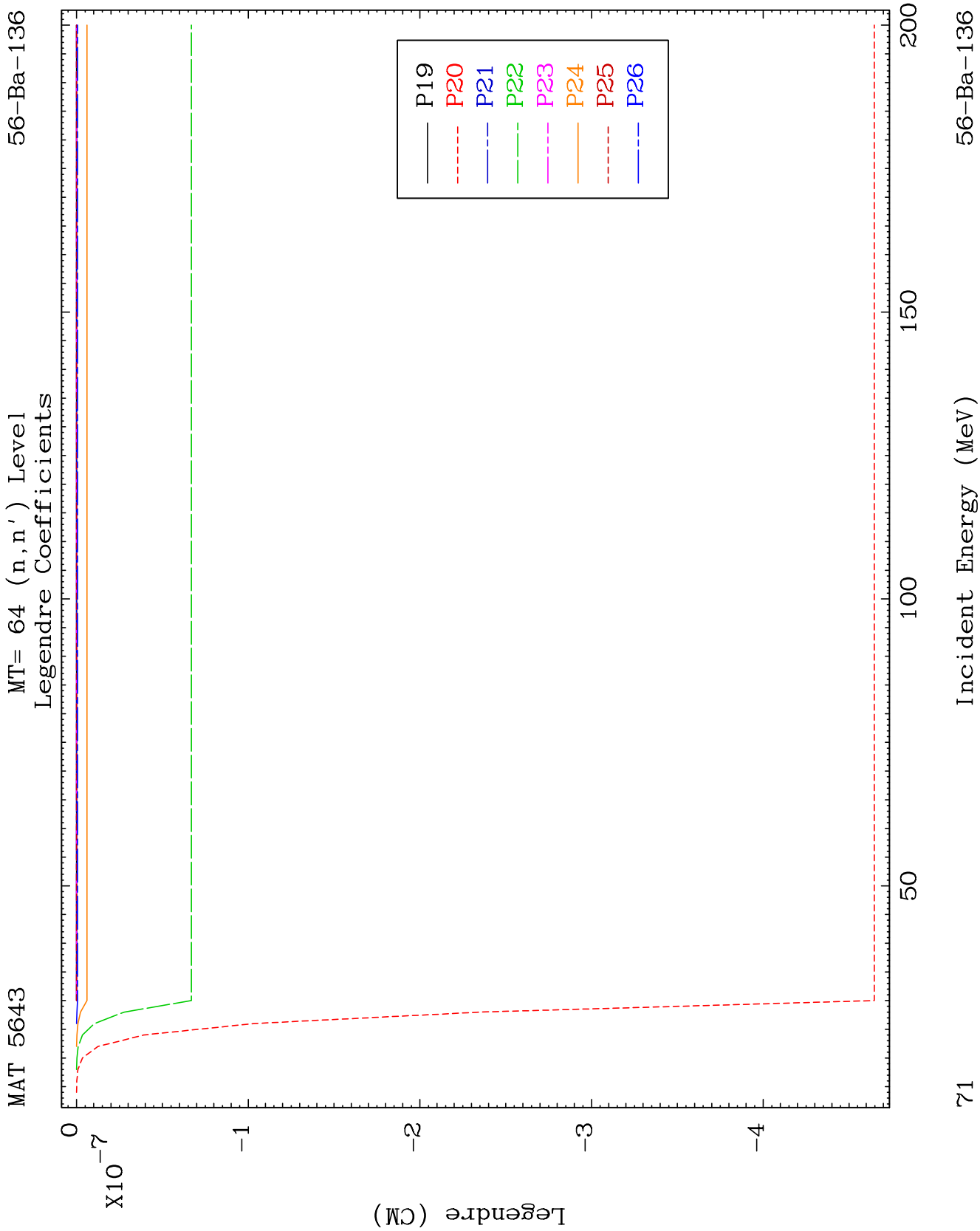
MAT 5643

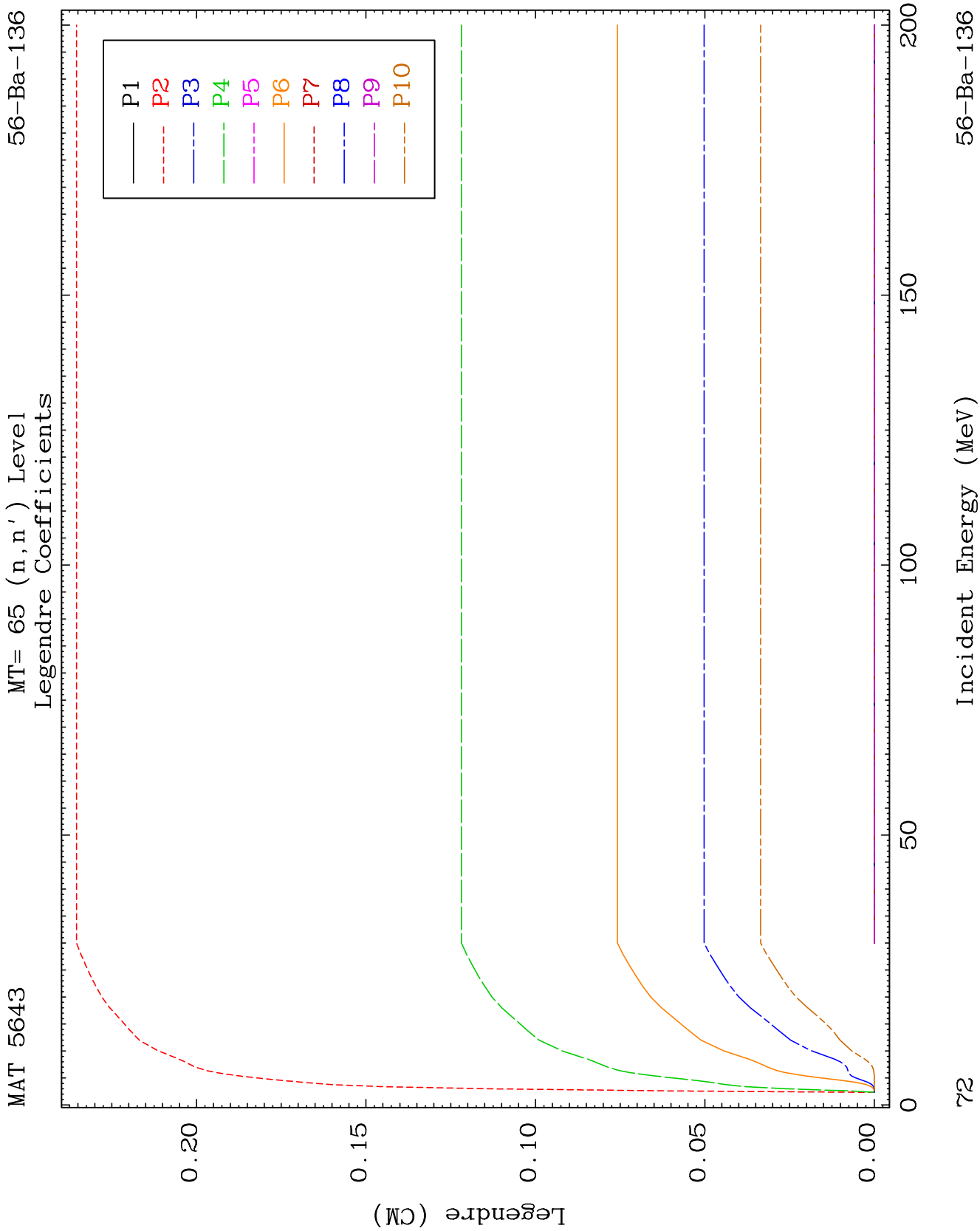
MT= 64 (n, n') Level
Legendre Coefficients

56-Ba-136





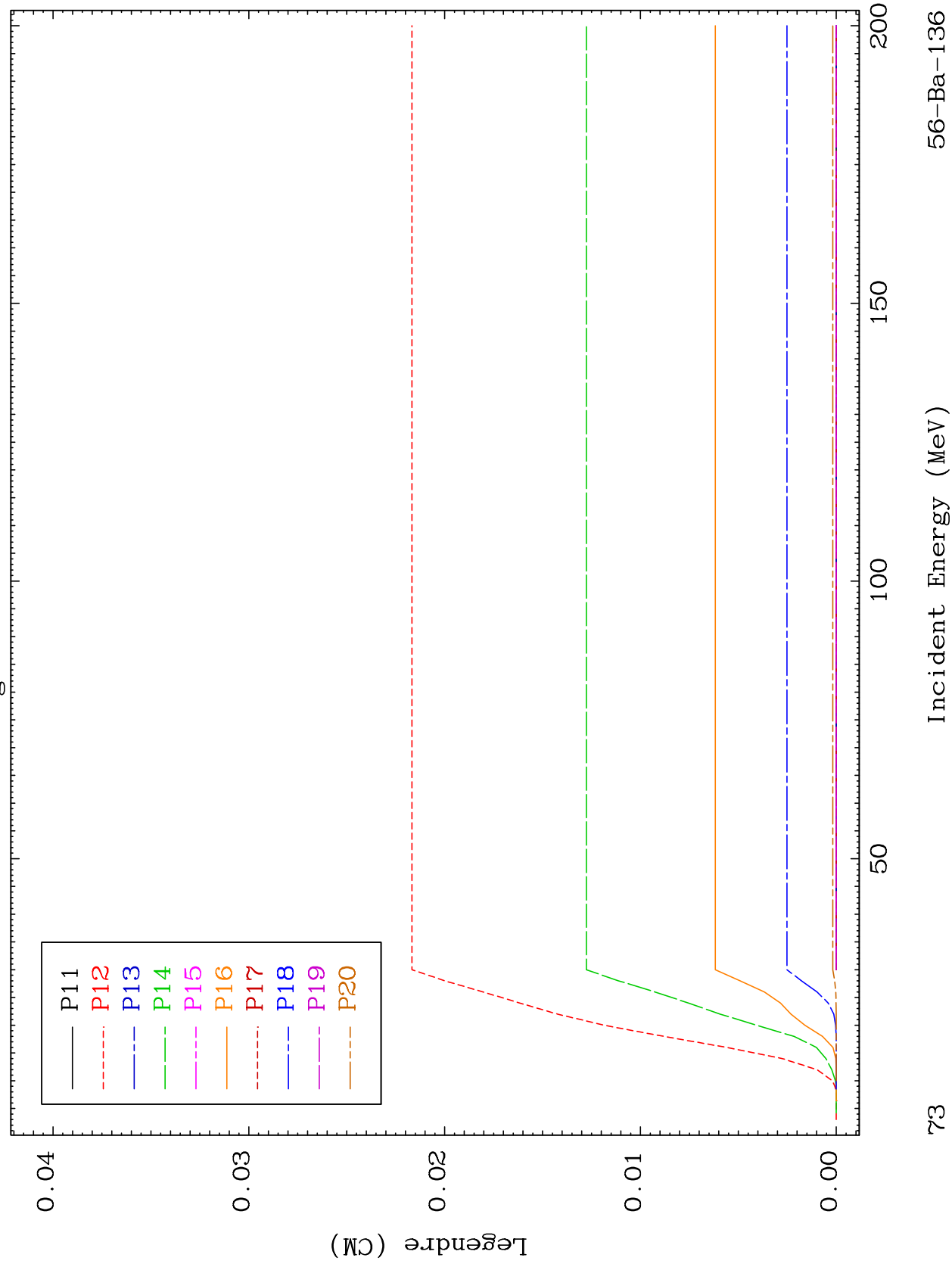


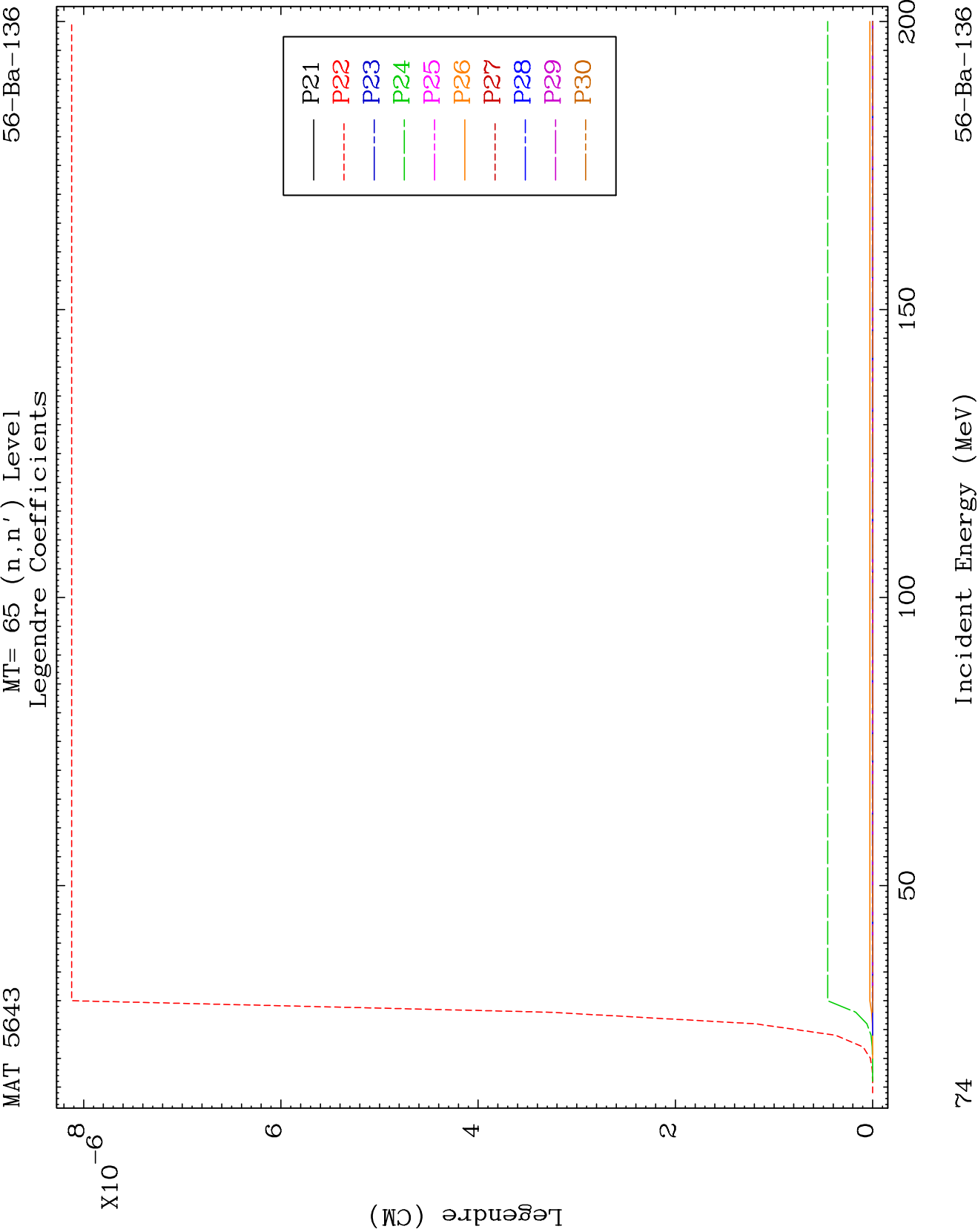


MAT 5643

MT= 65 (n, n') Level
Legendre Coefficients

56-Ba-136

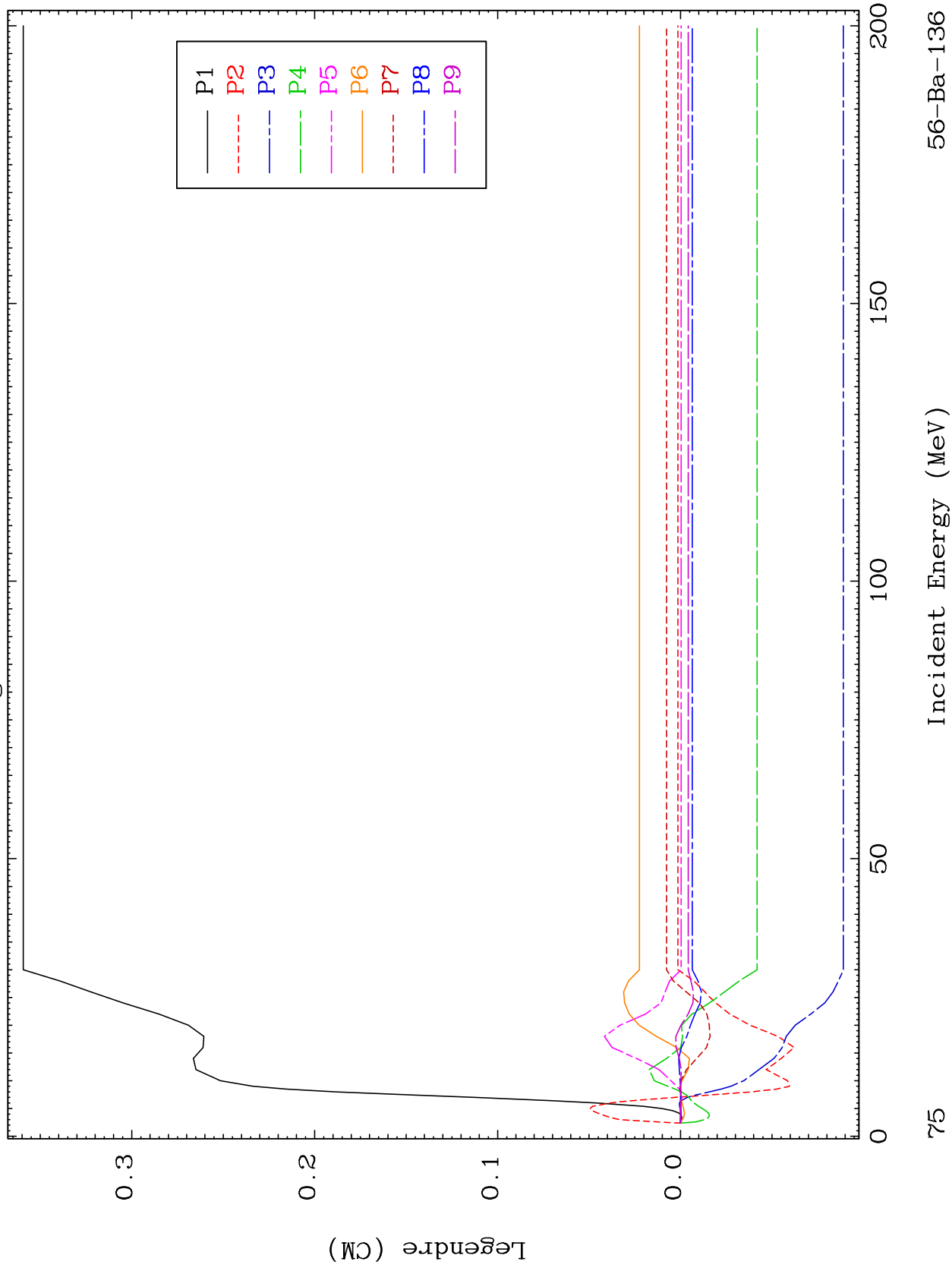




MAT 5643

MT= 66 (n, n') Level
Legendre Coefficients

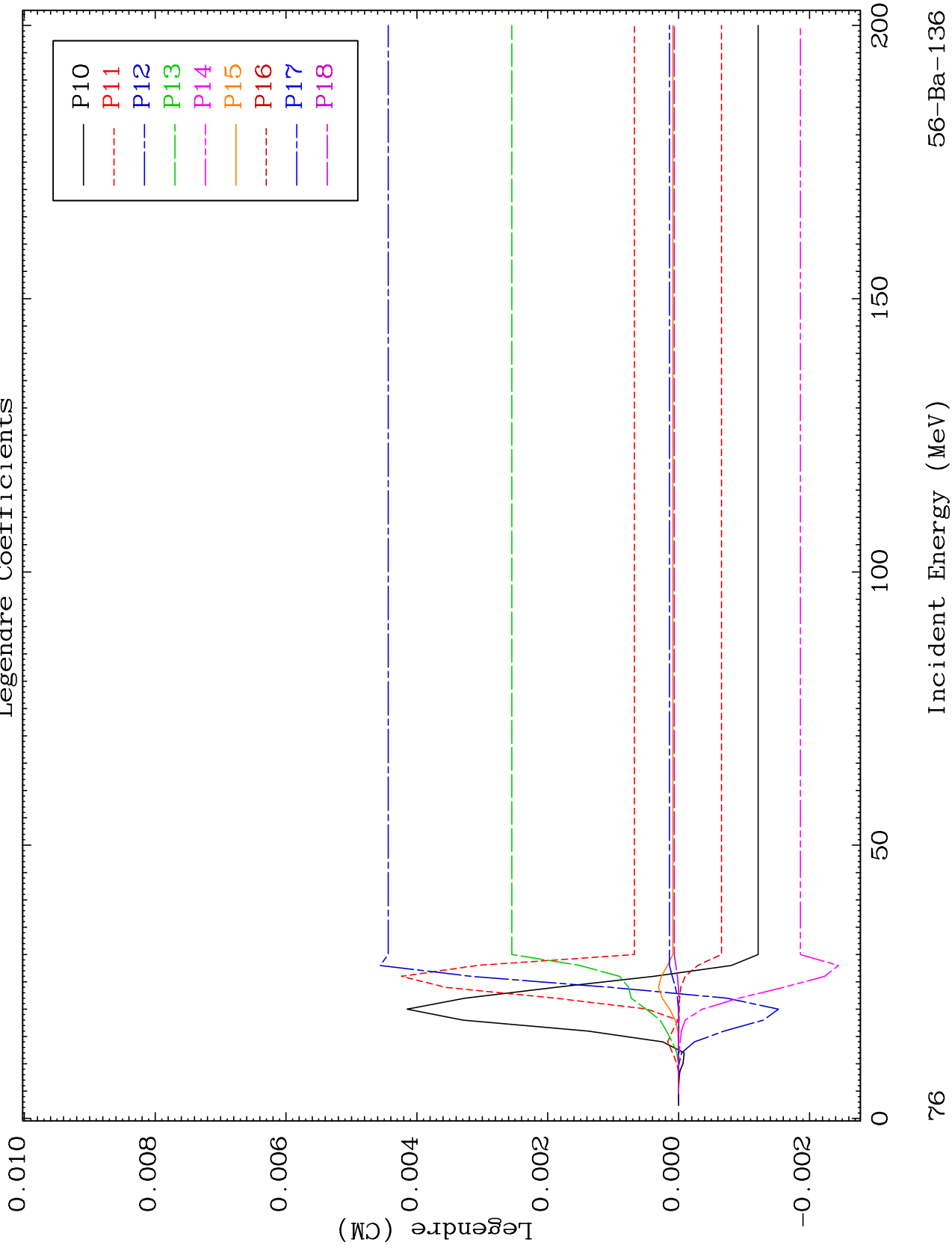
56-Ba-136

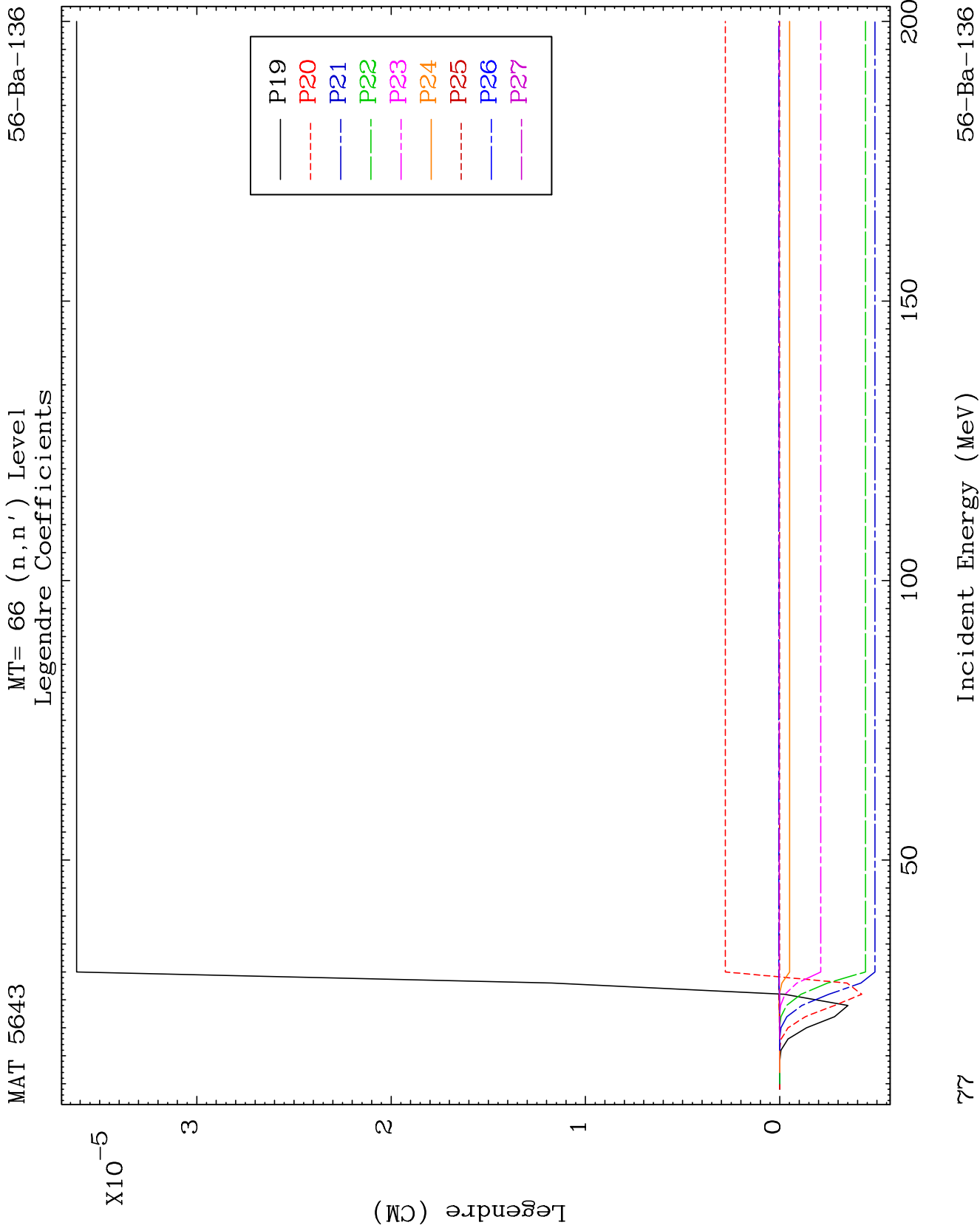


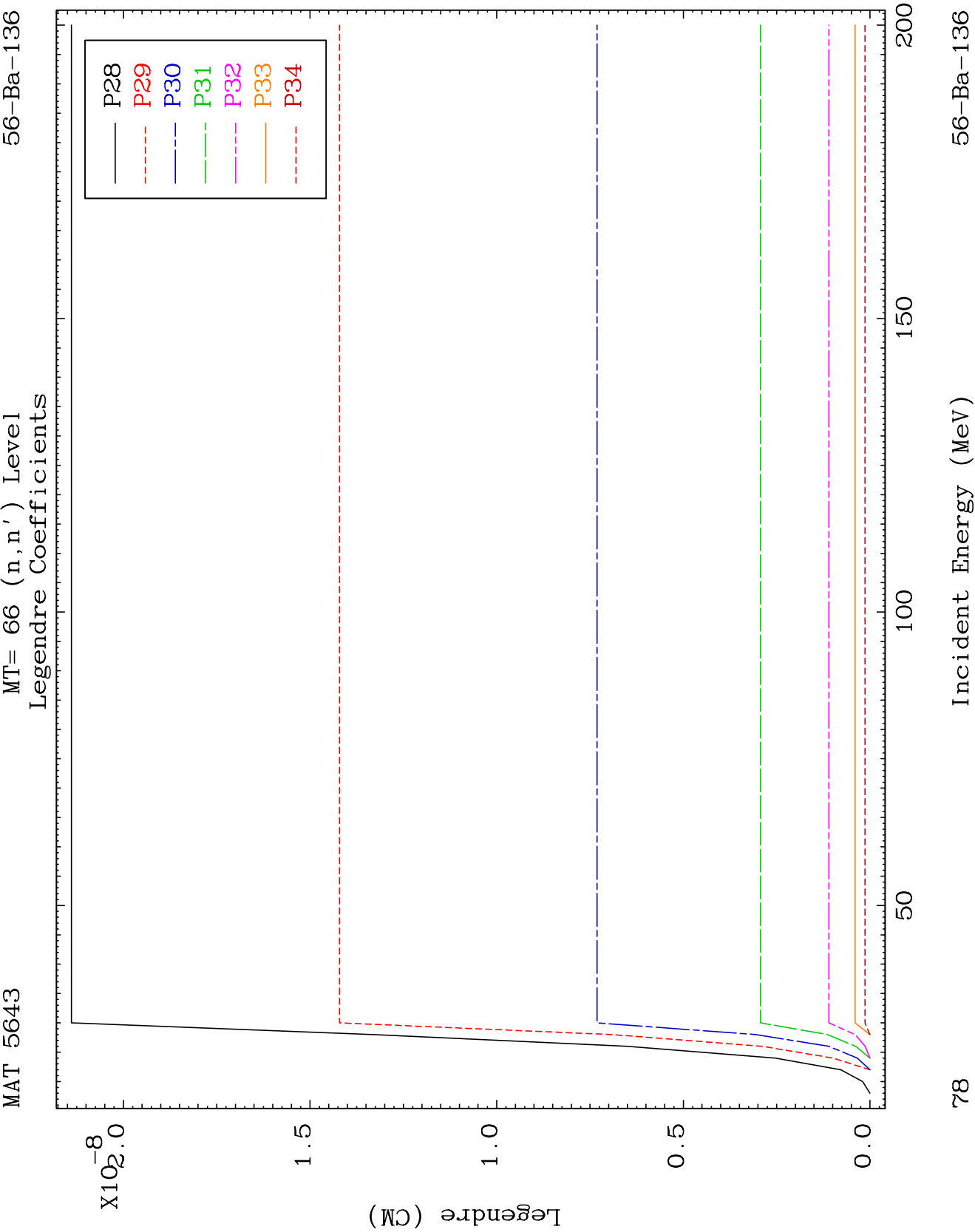
MAT 5643

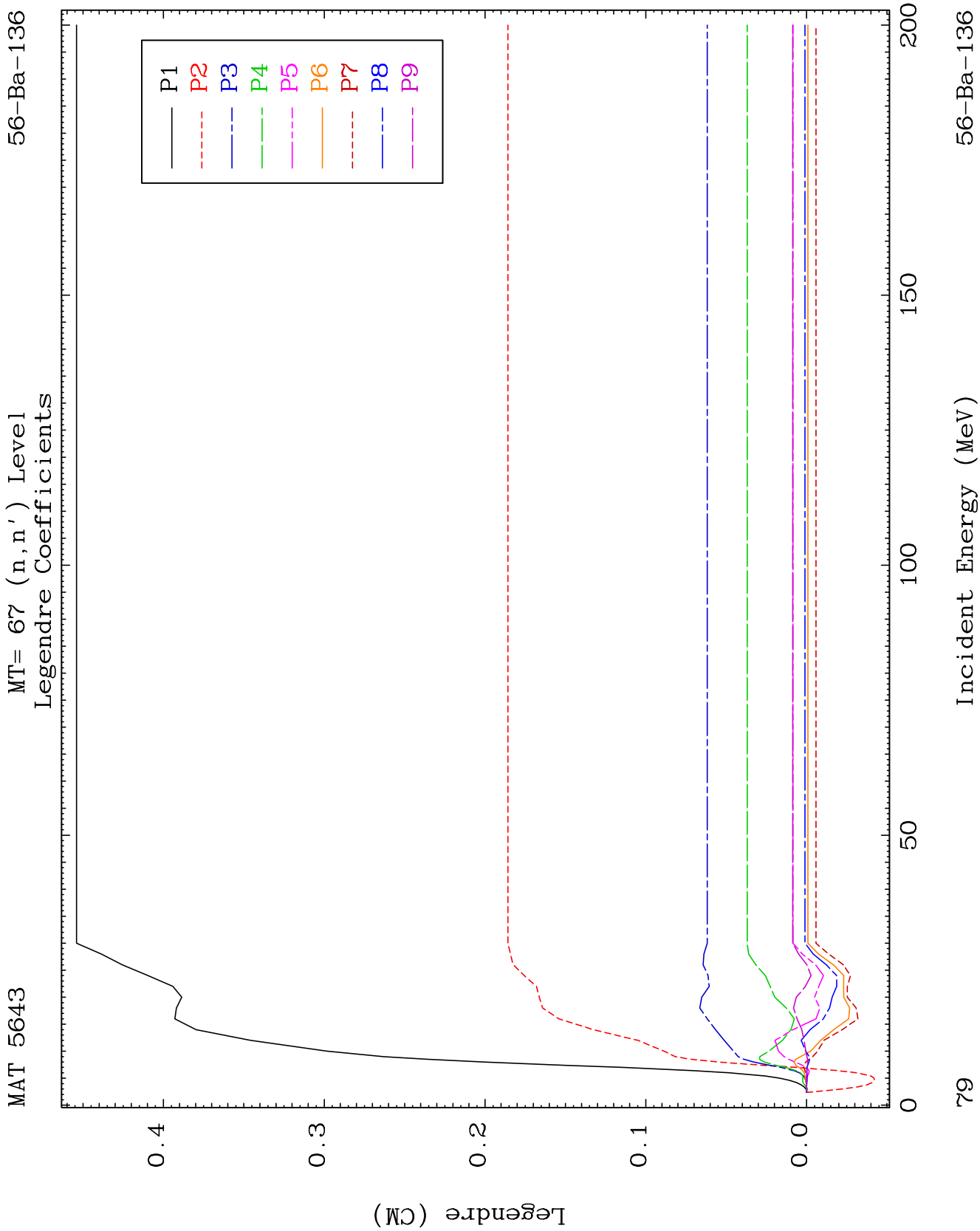
MT= 66 (n, n') Level
Legendre Coefficients

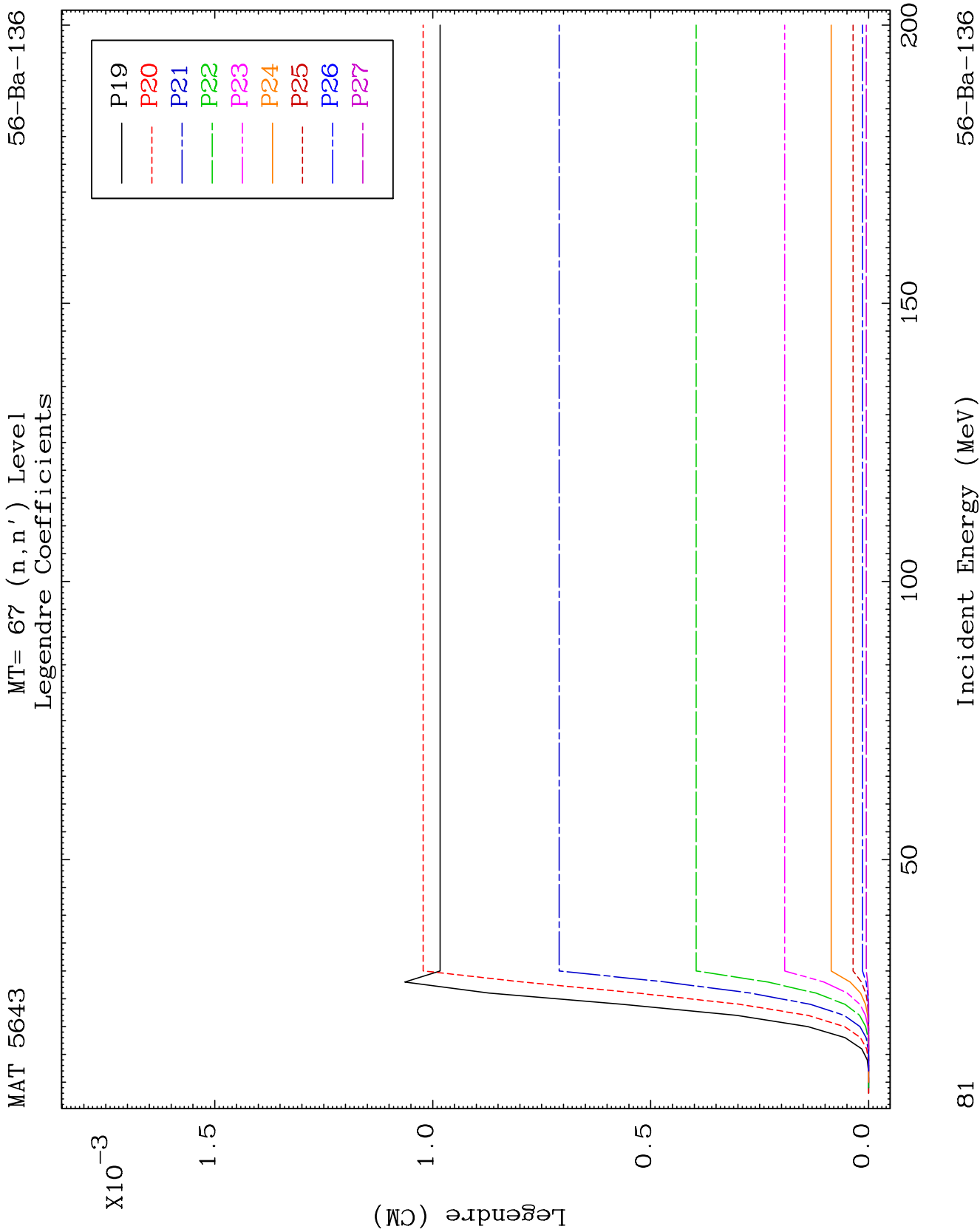
56-Ba-136

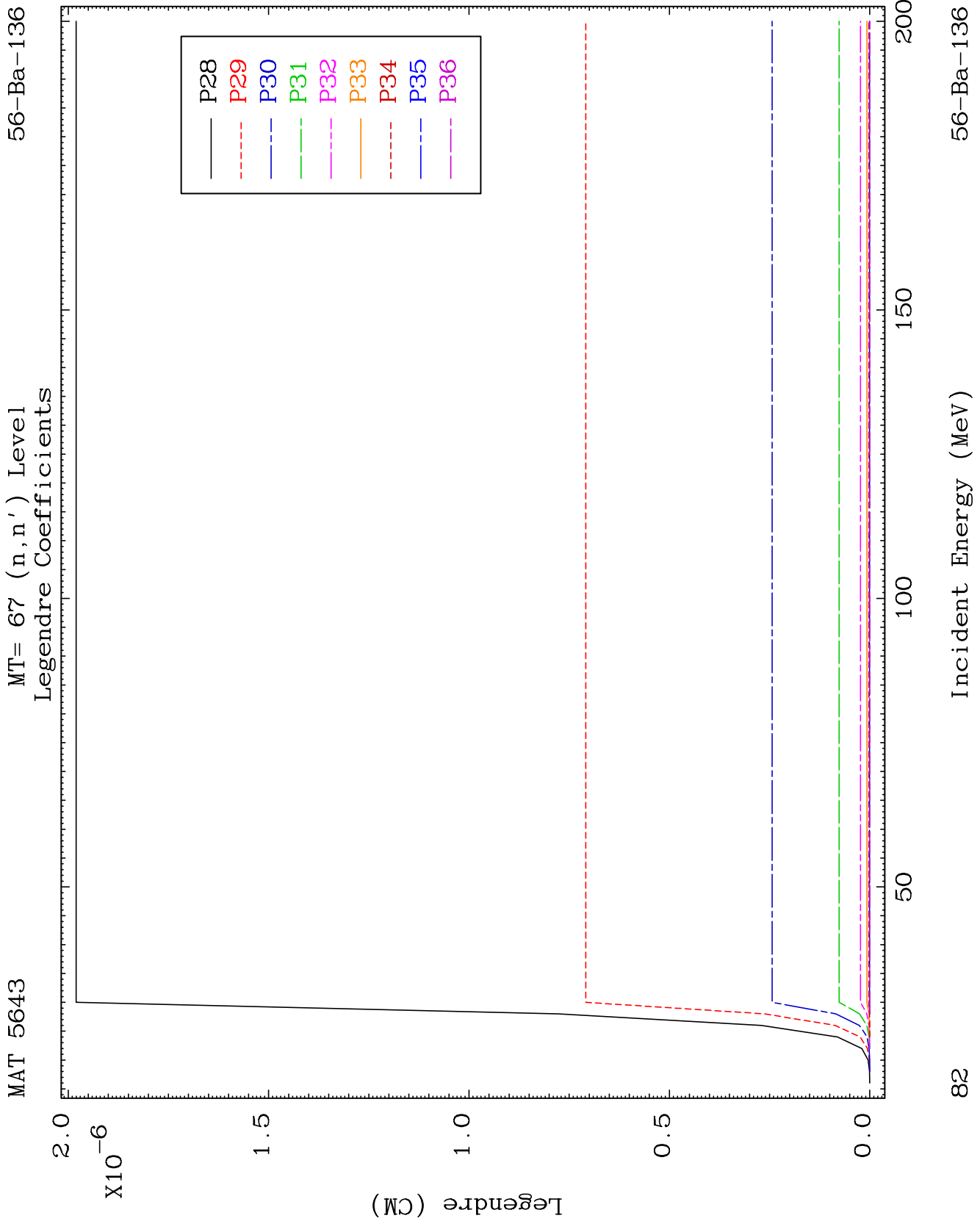


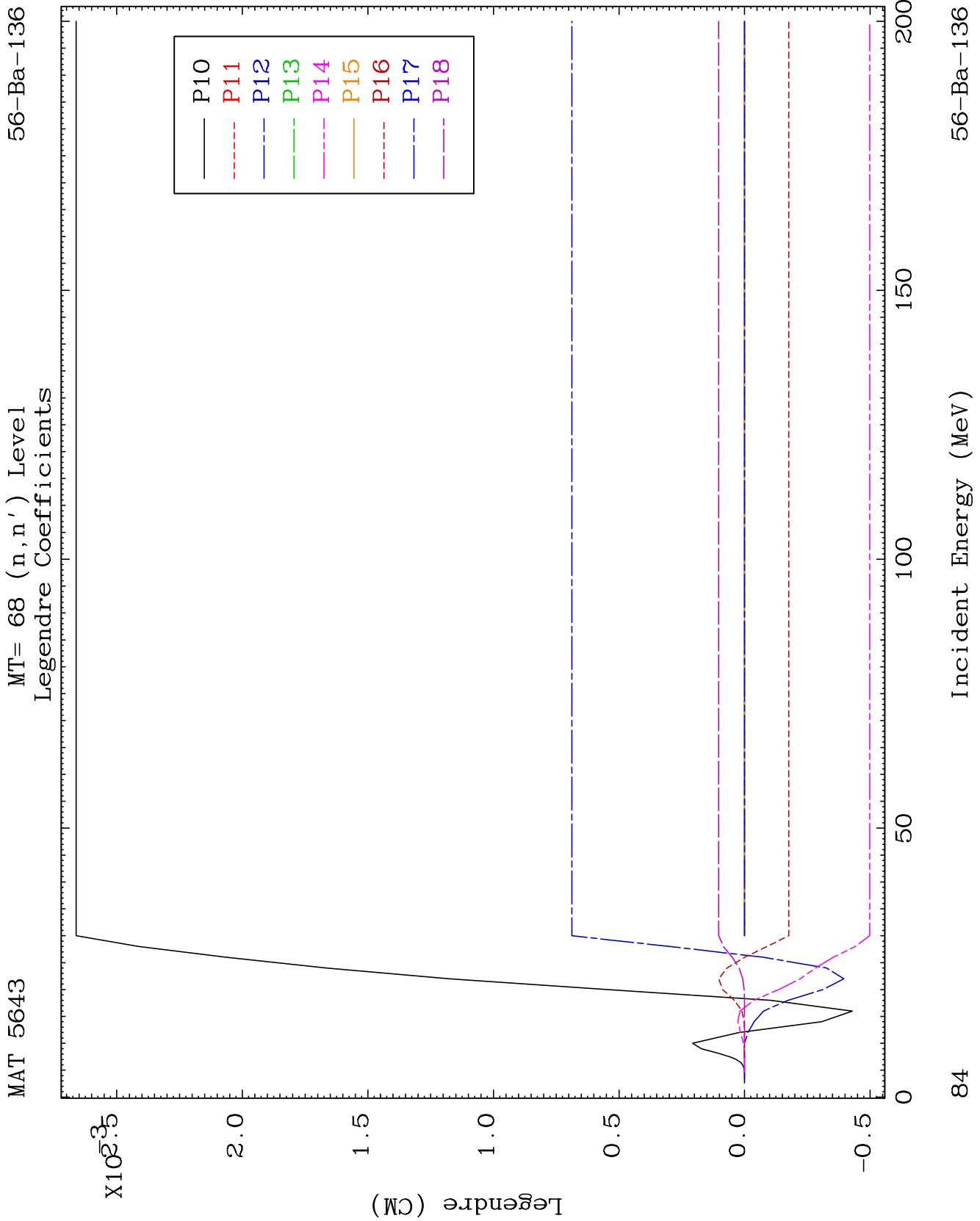


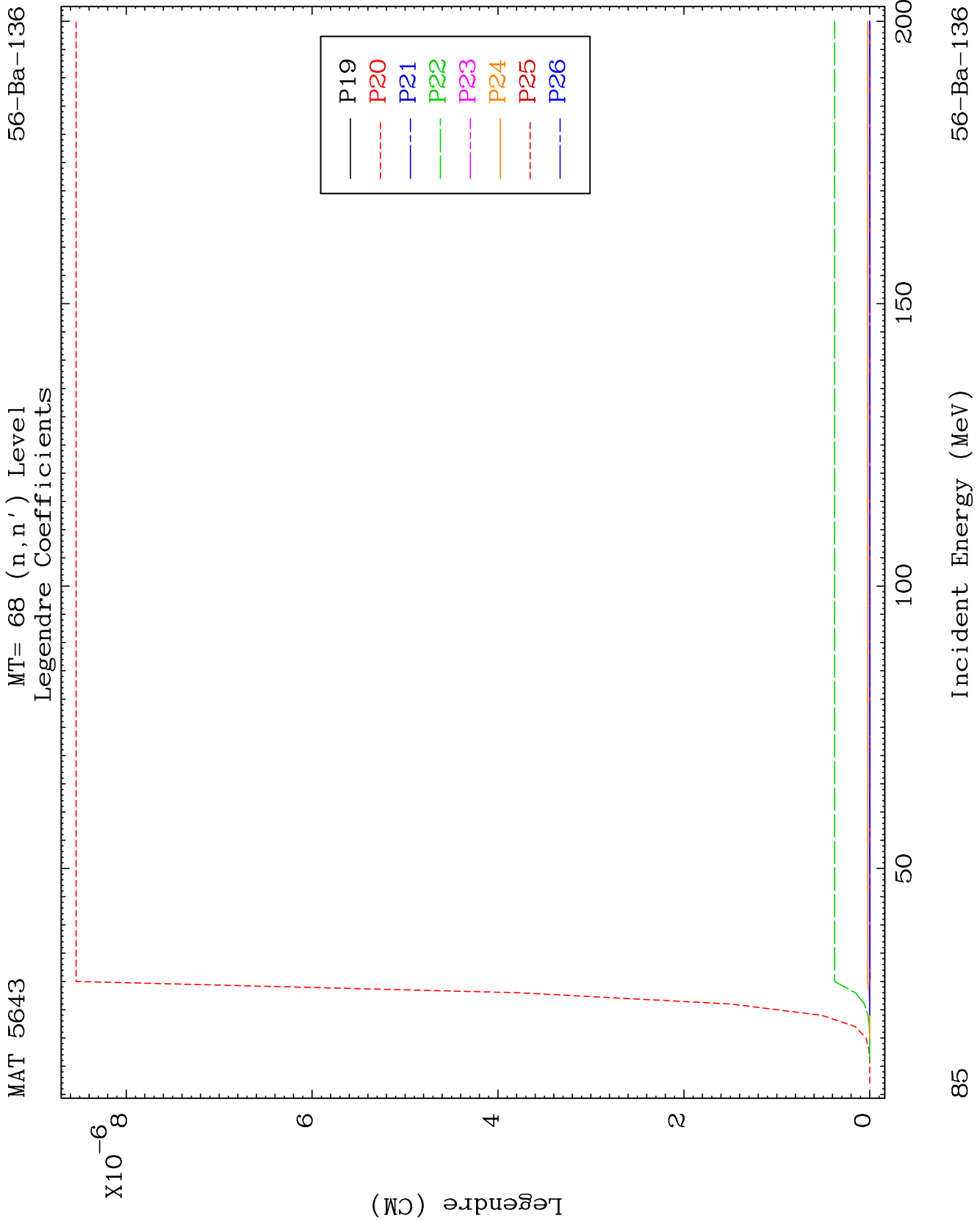








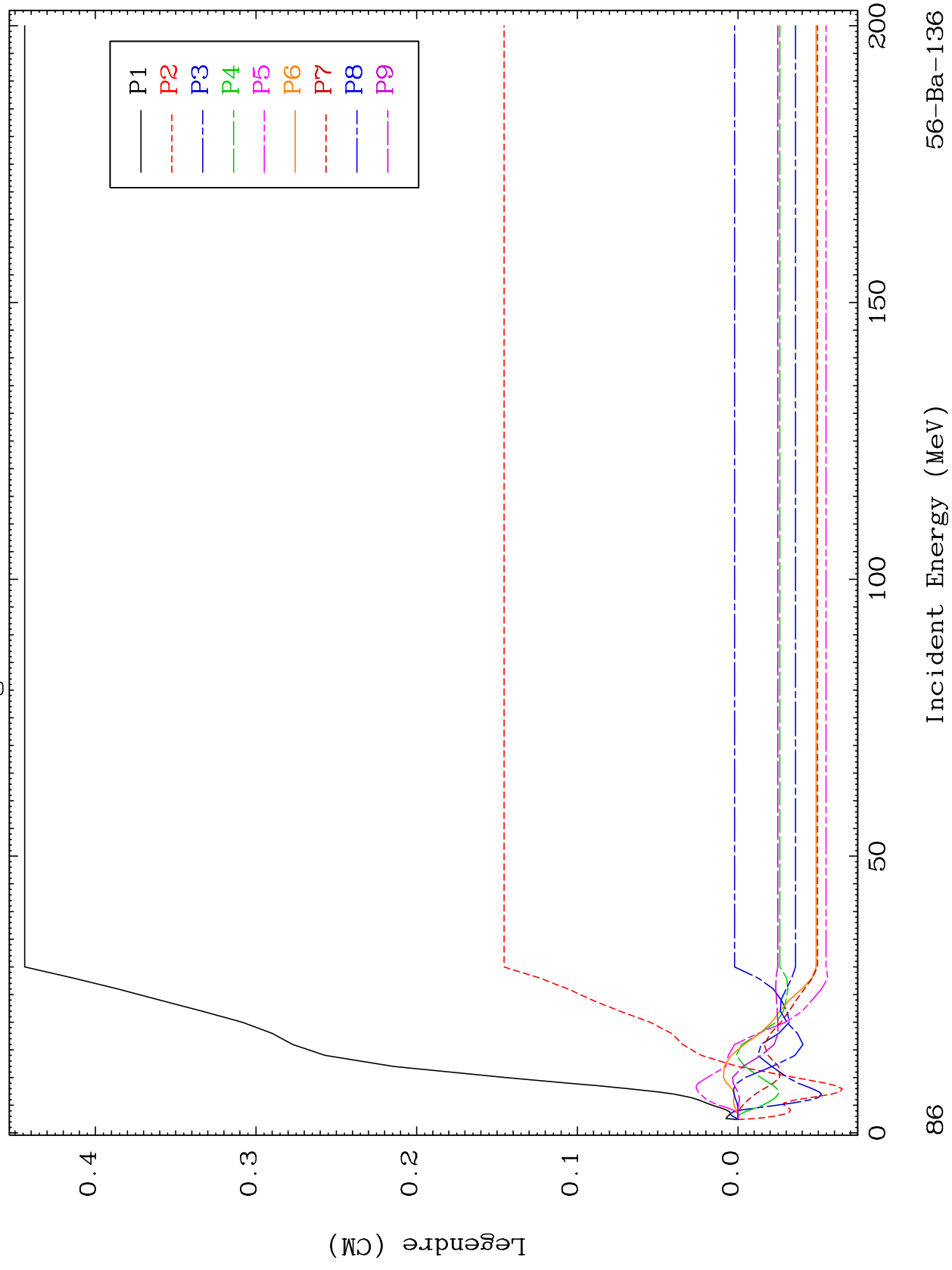


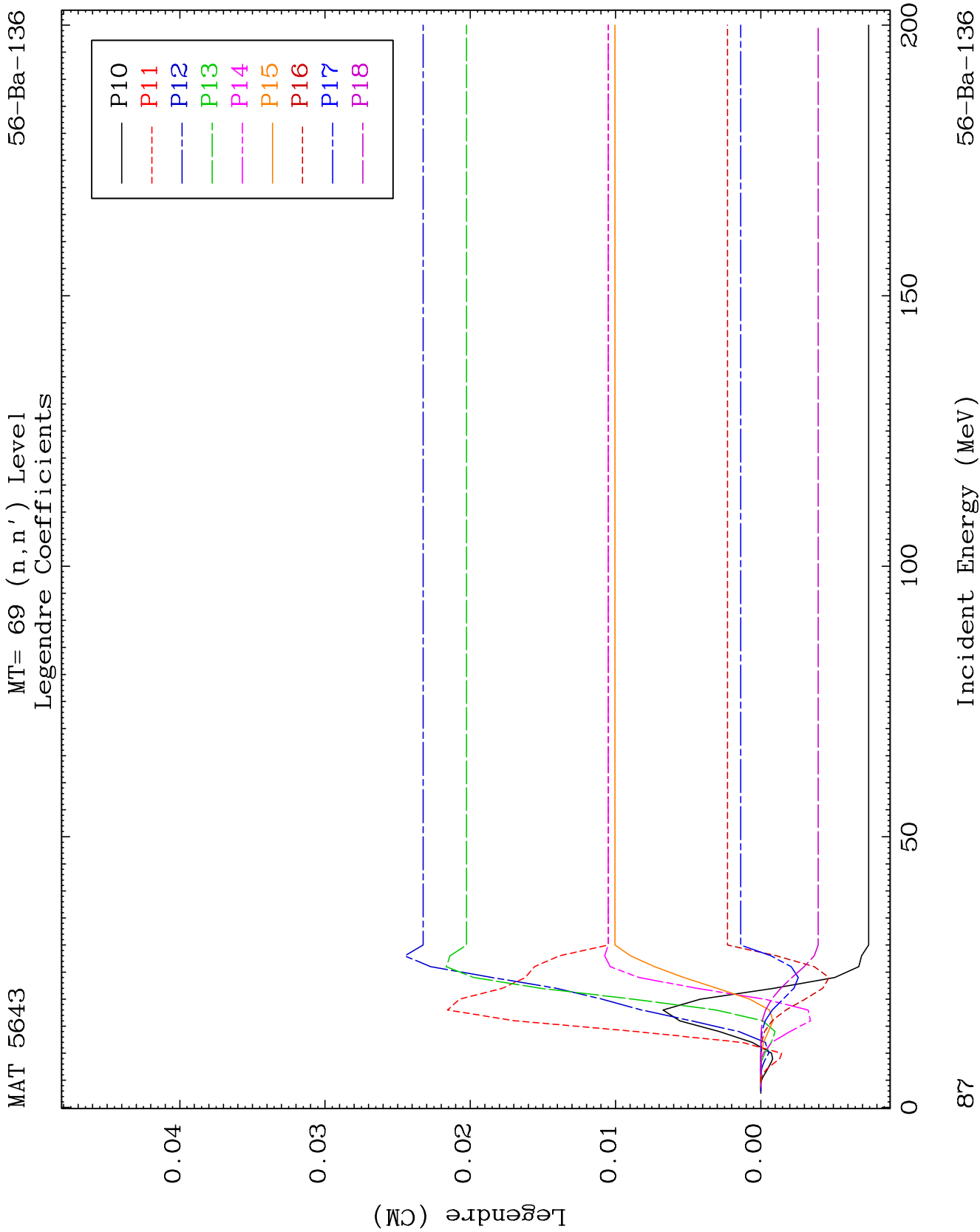


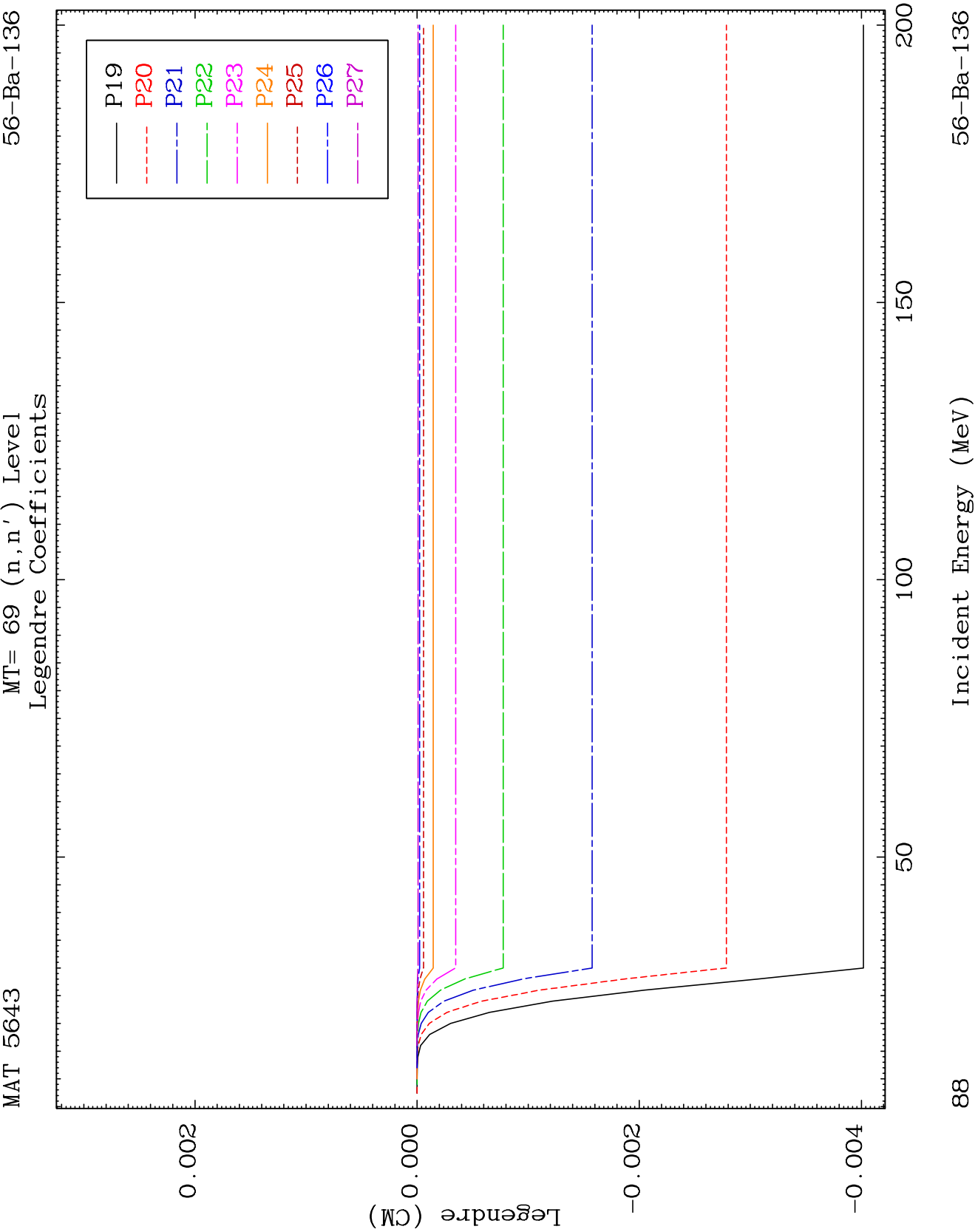
MAT 5643

MT= 69 (n, n') Level
Legendre Coefficients

56-Ba-136



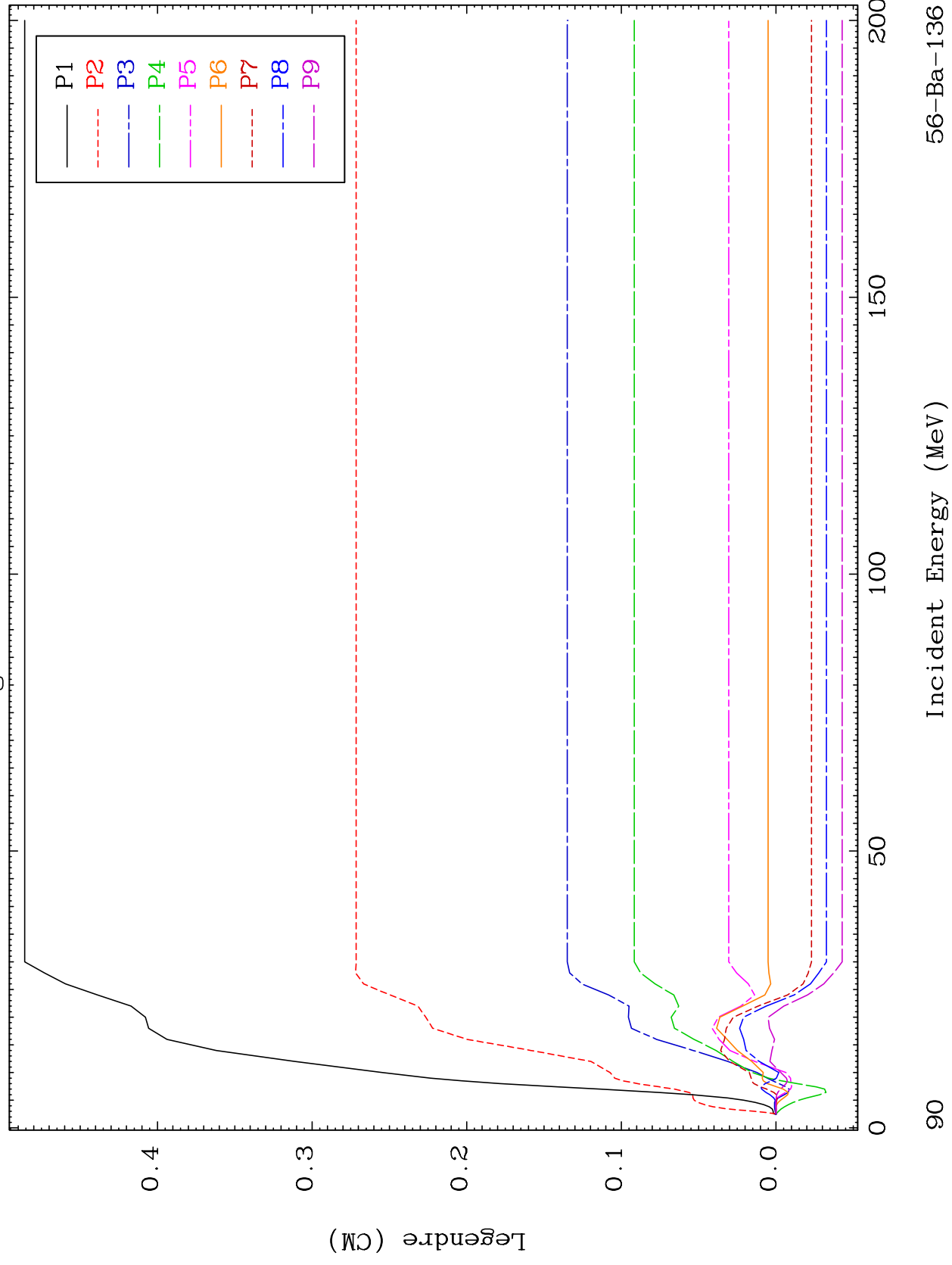


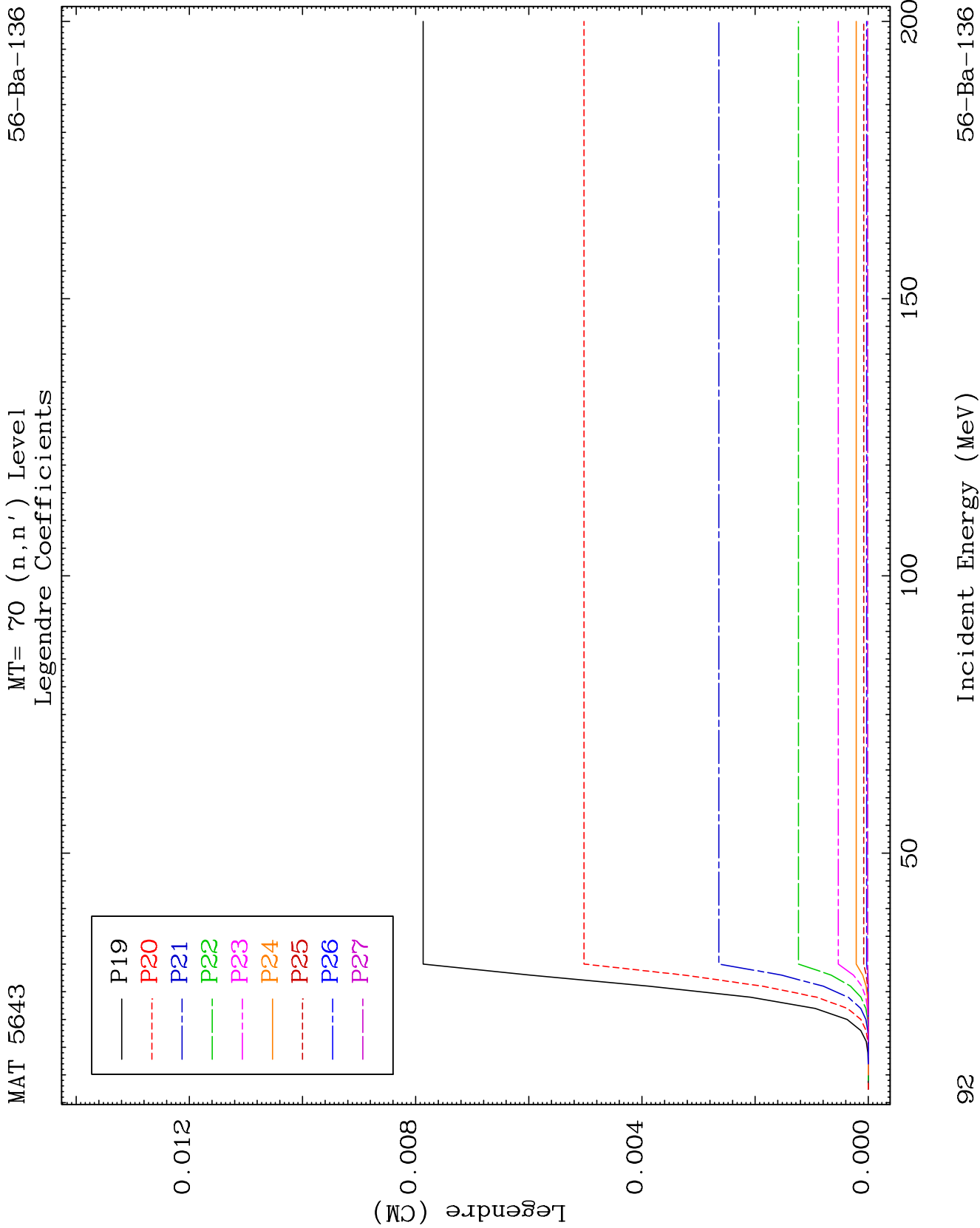


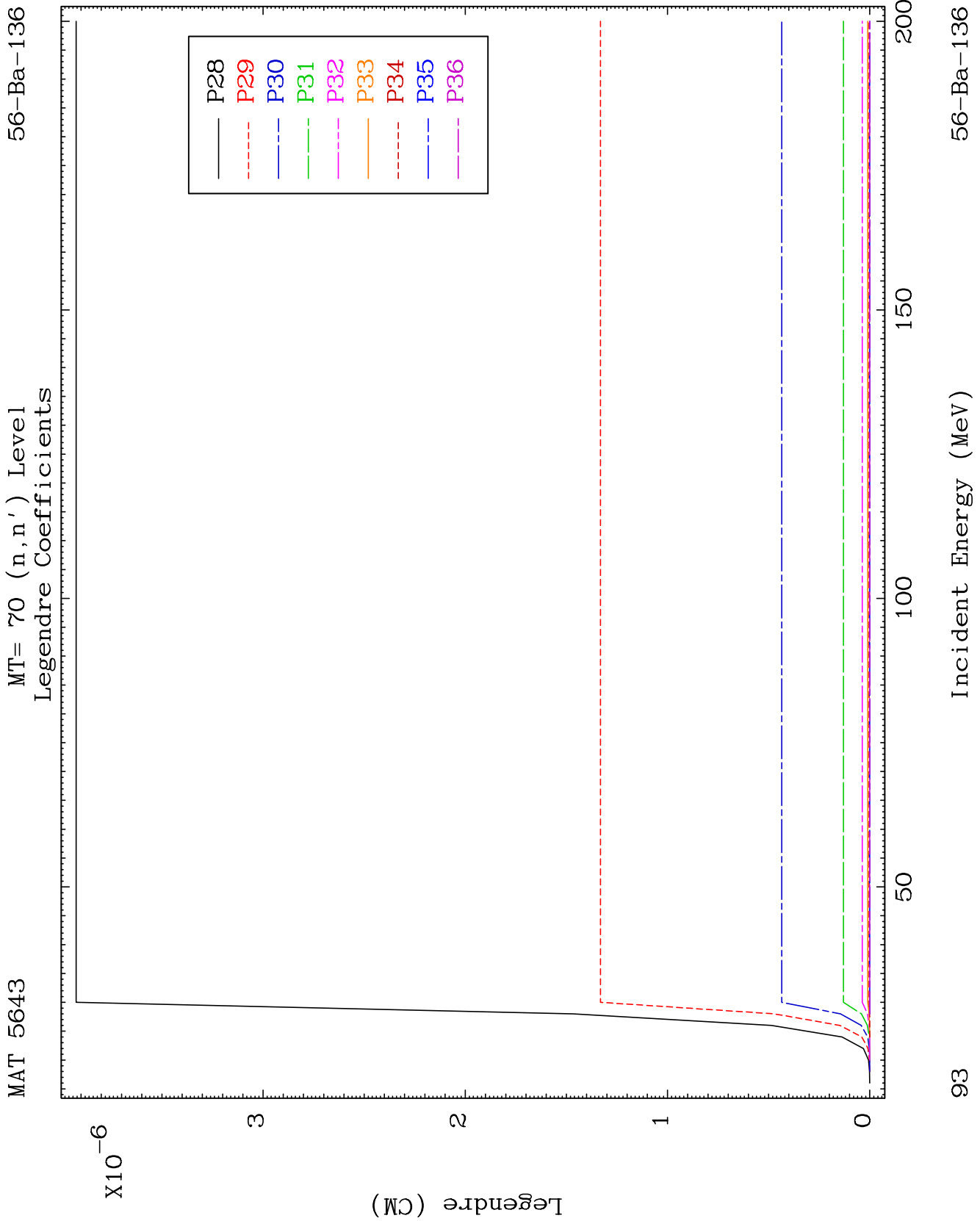
MAT 5643

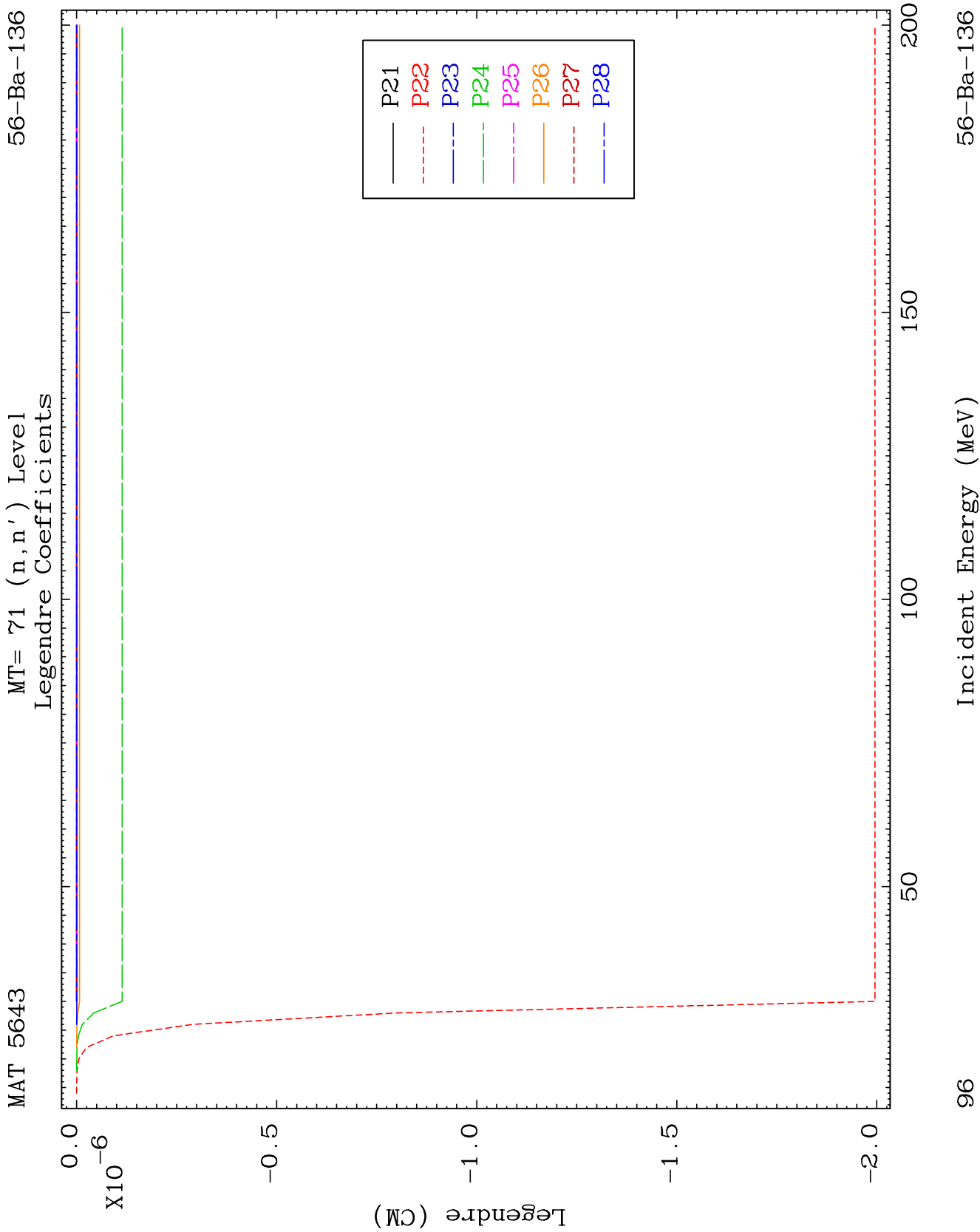
MT= 70 (n, n') Level
Legendre Coefficients

56-Ba-136





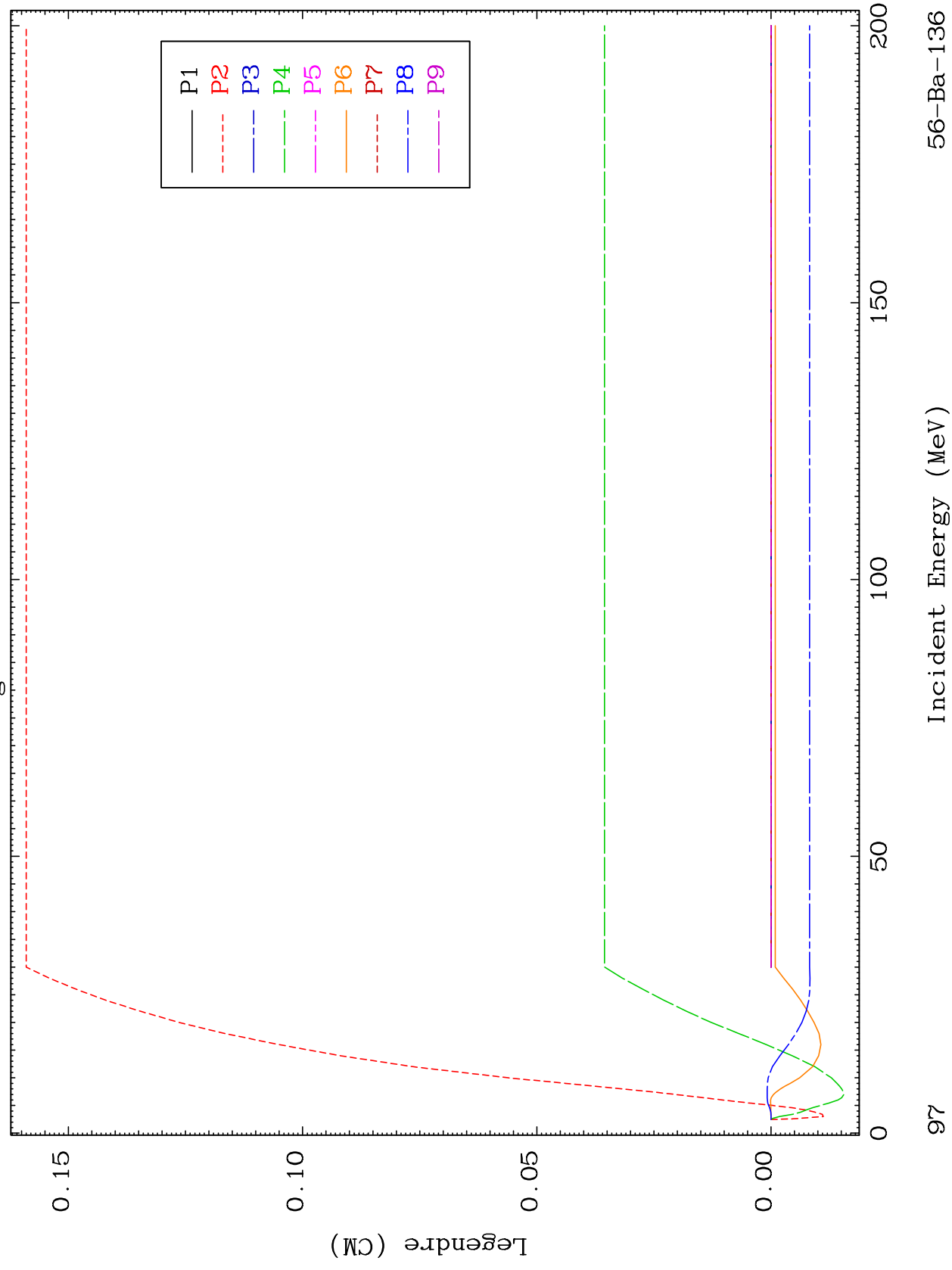


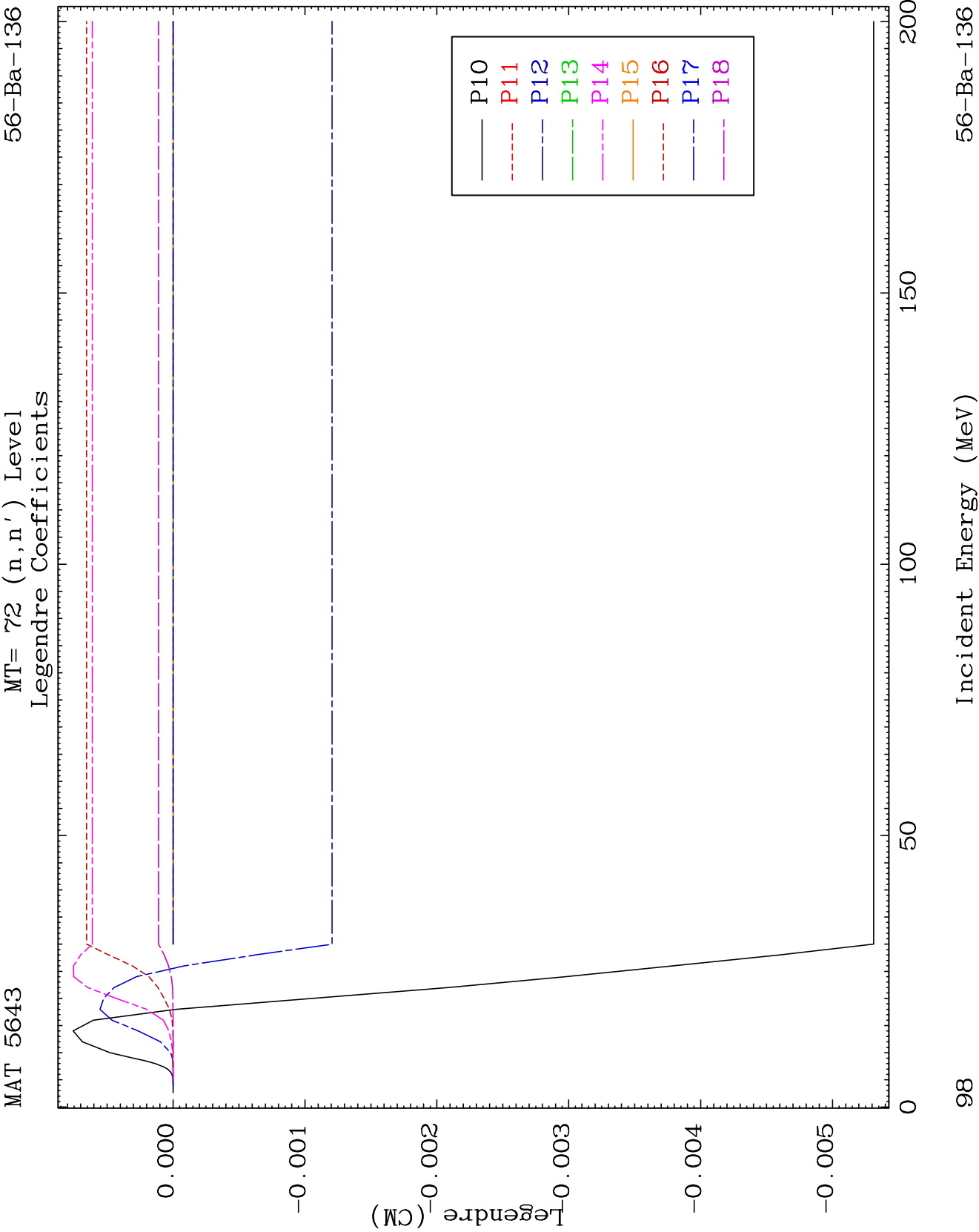


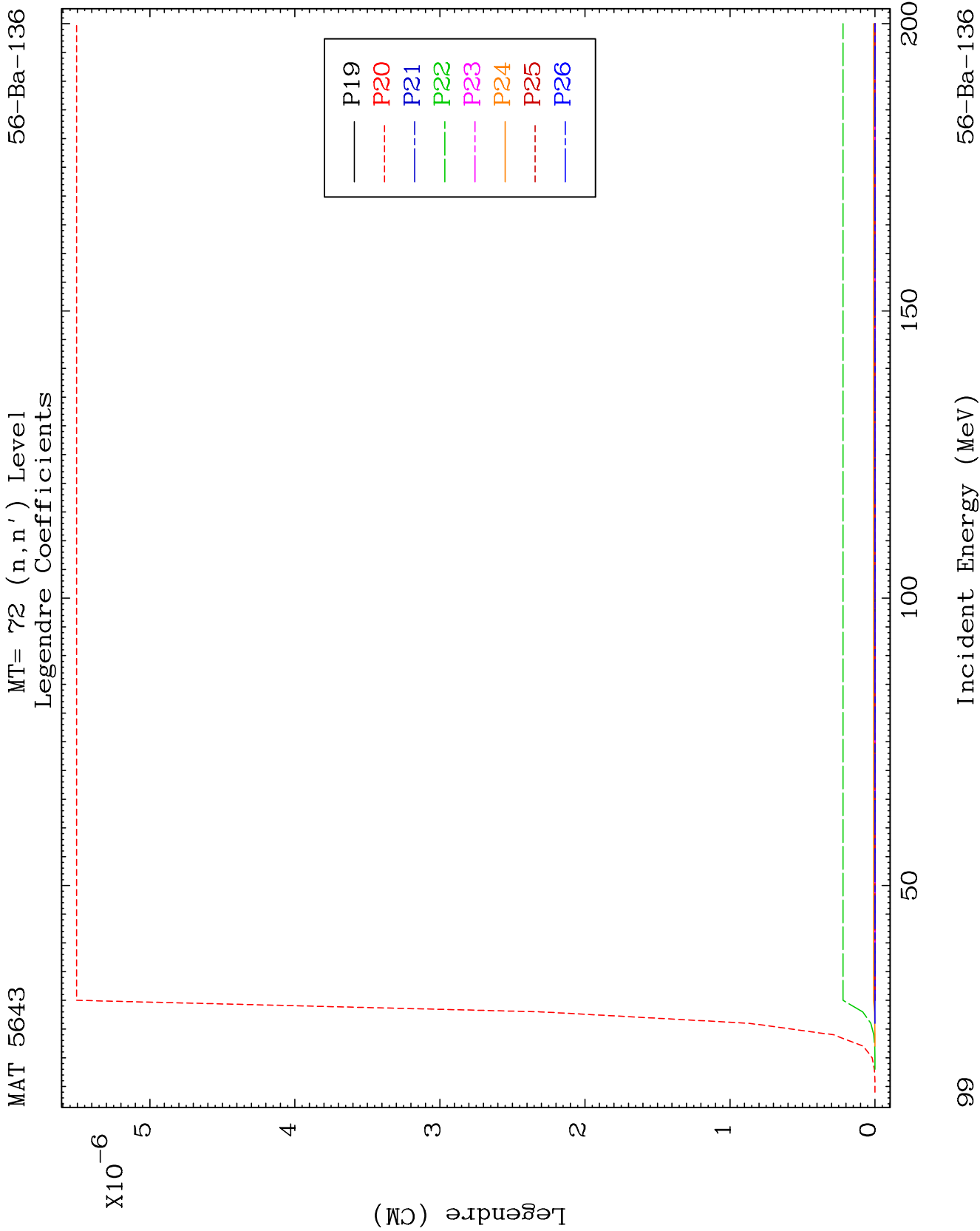
MAT 5643

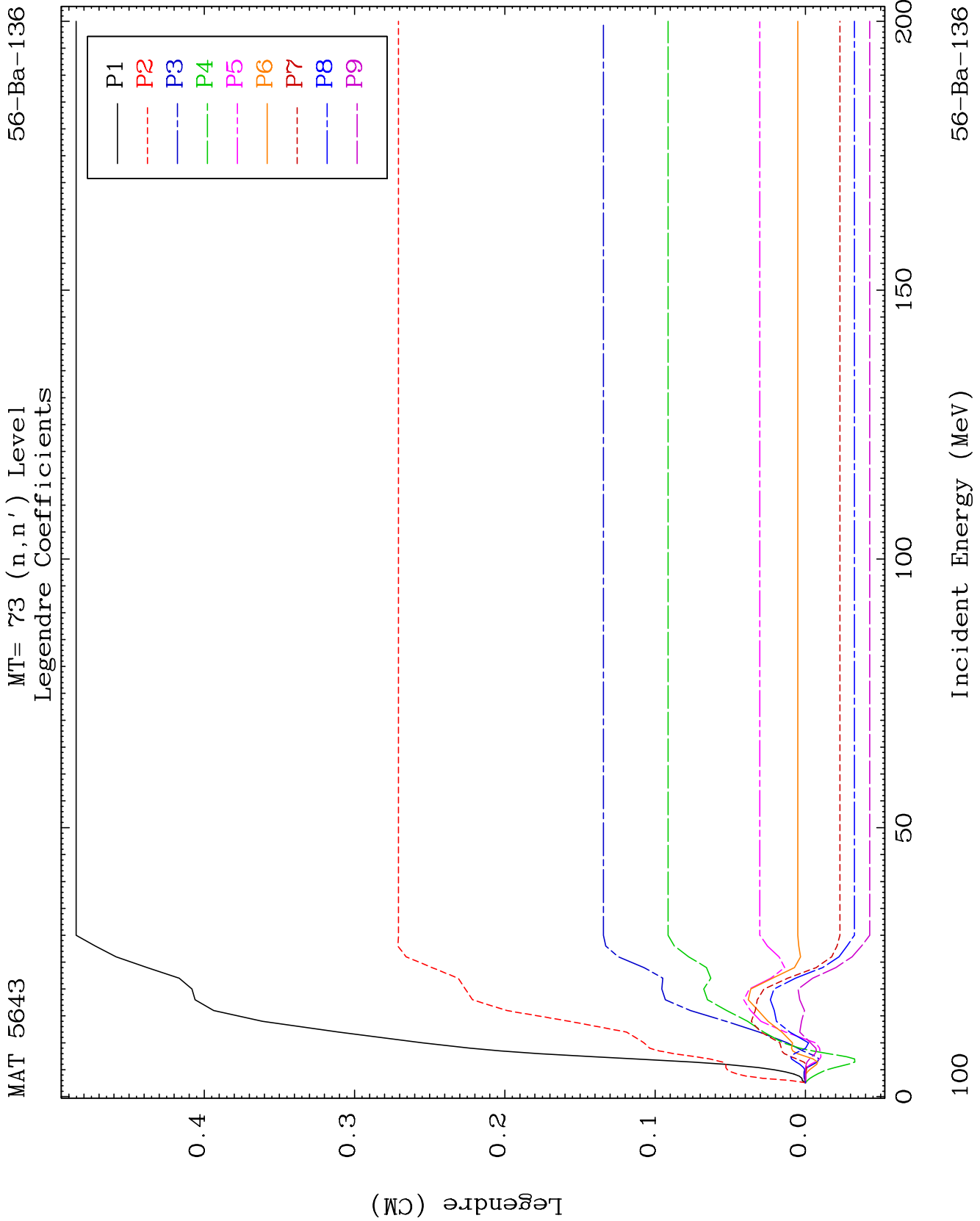
MT= 72 (n, n') Level
Legendre Coefficients

56-Ba-136





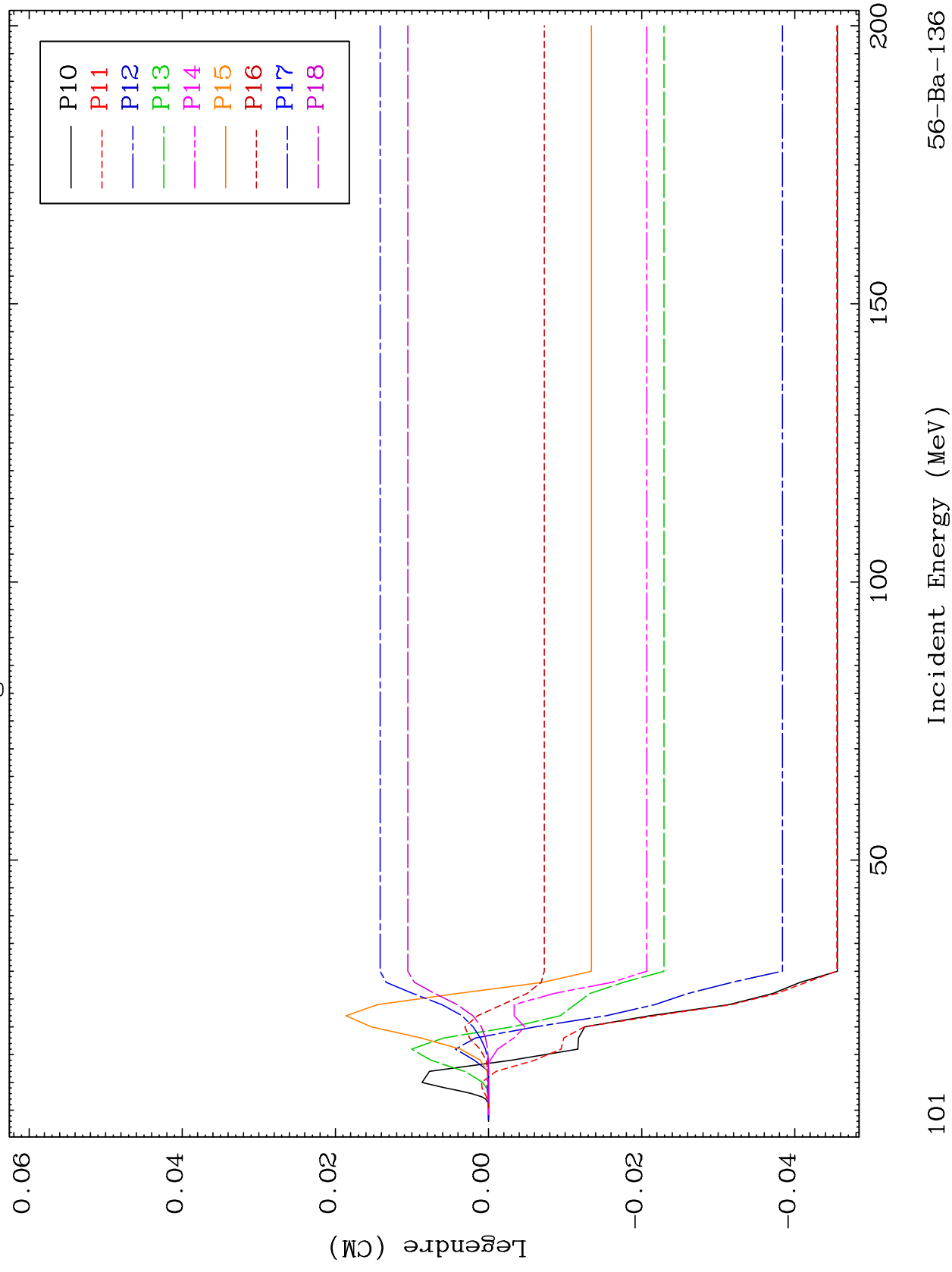


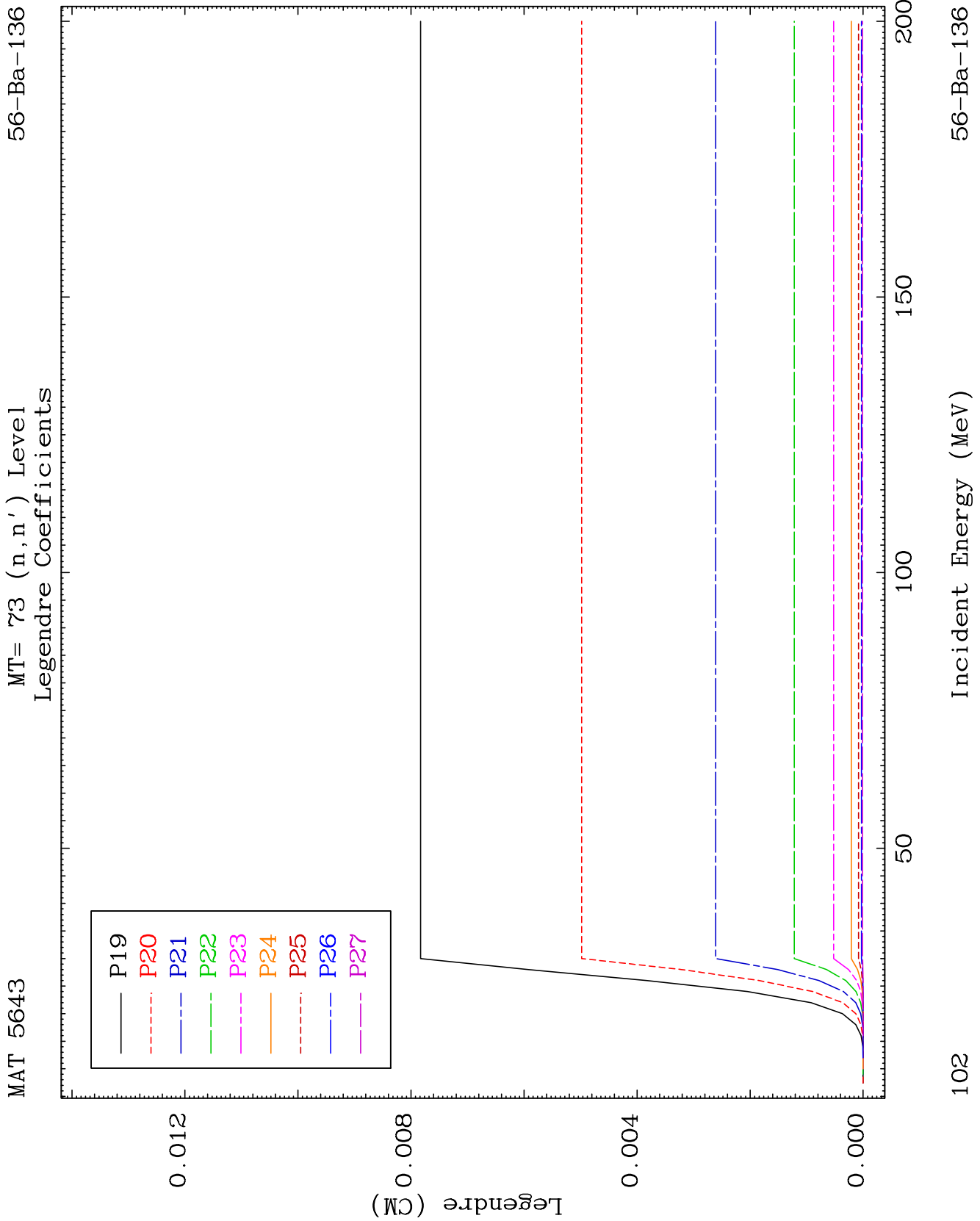


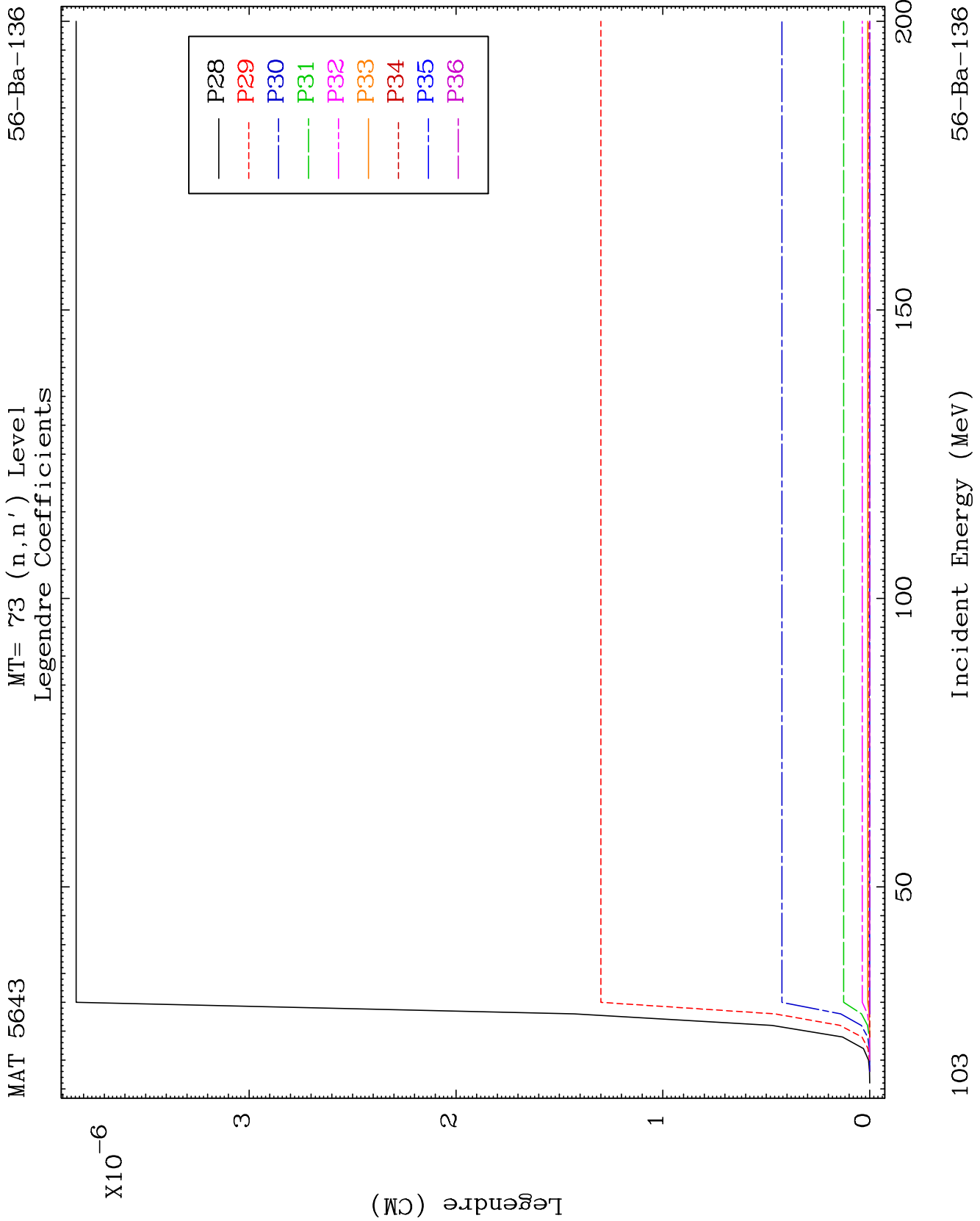
MAT 5643

MT= 73 (n, n') Level
Legendre Coefficients

56-Ba-136



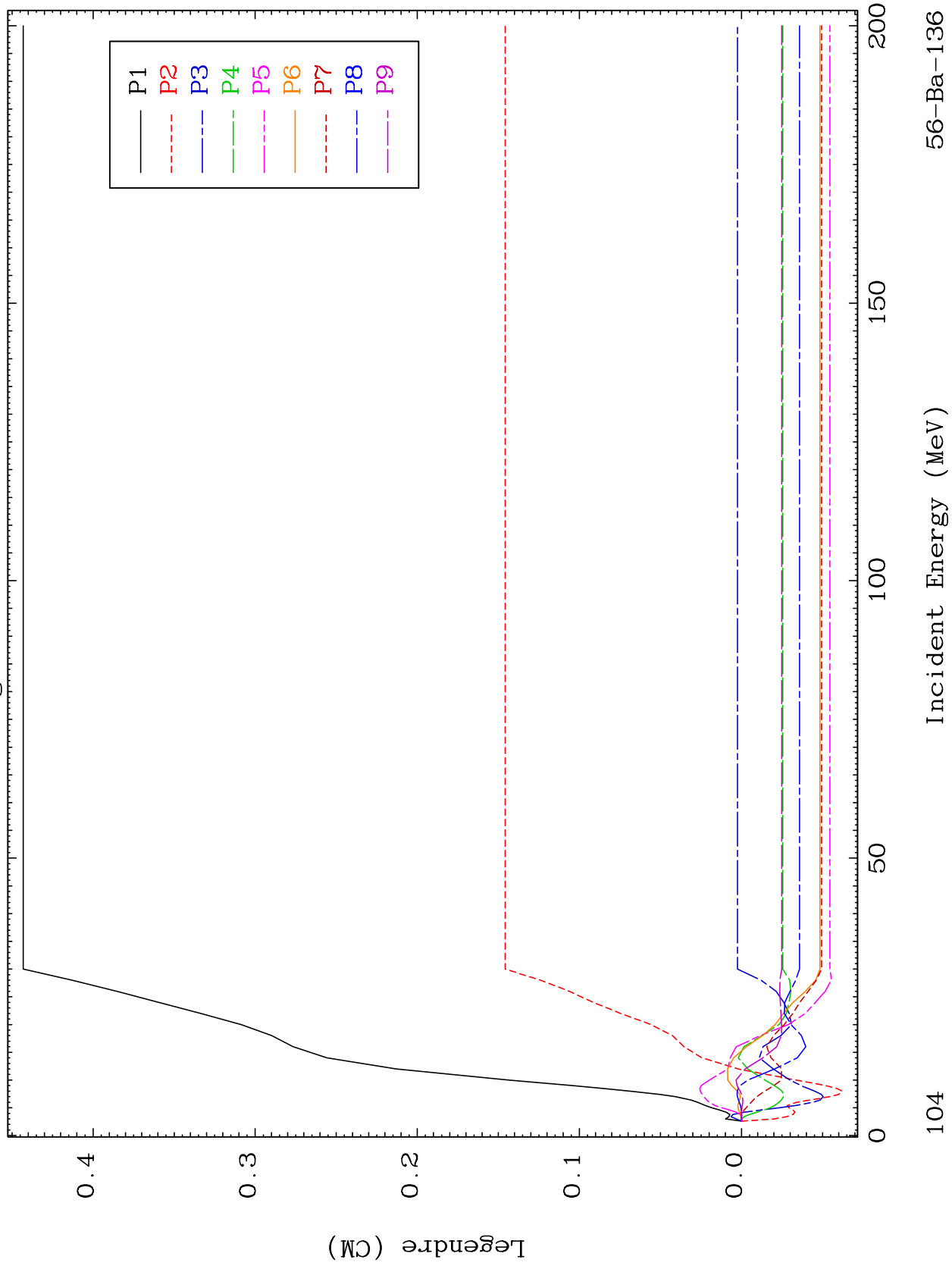




MAT 5643

MT= 74 (n, n') Level
Legendre Coefficients

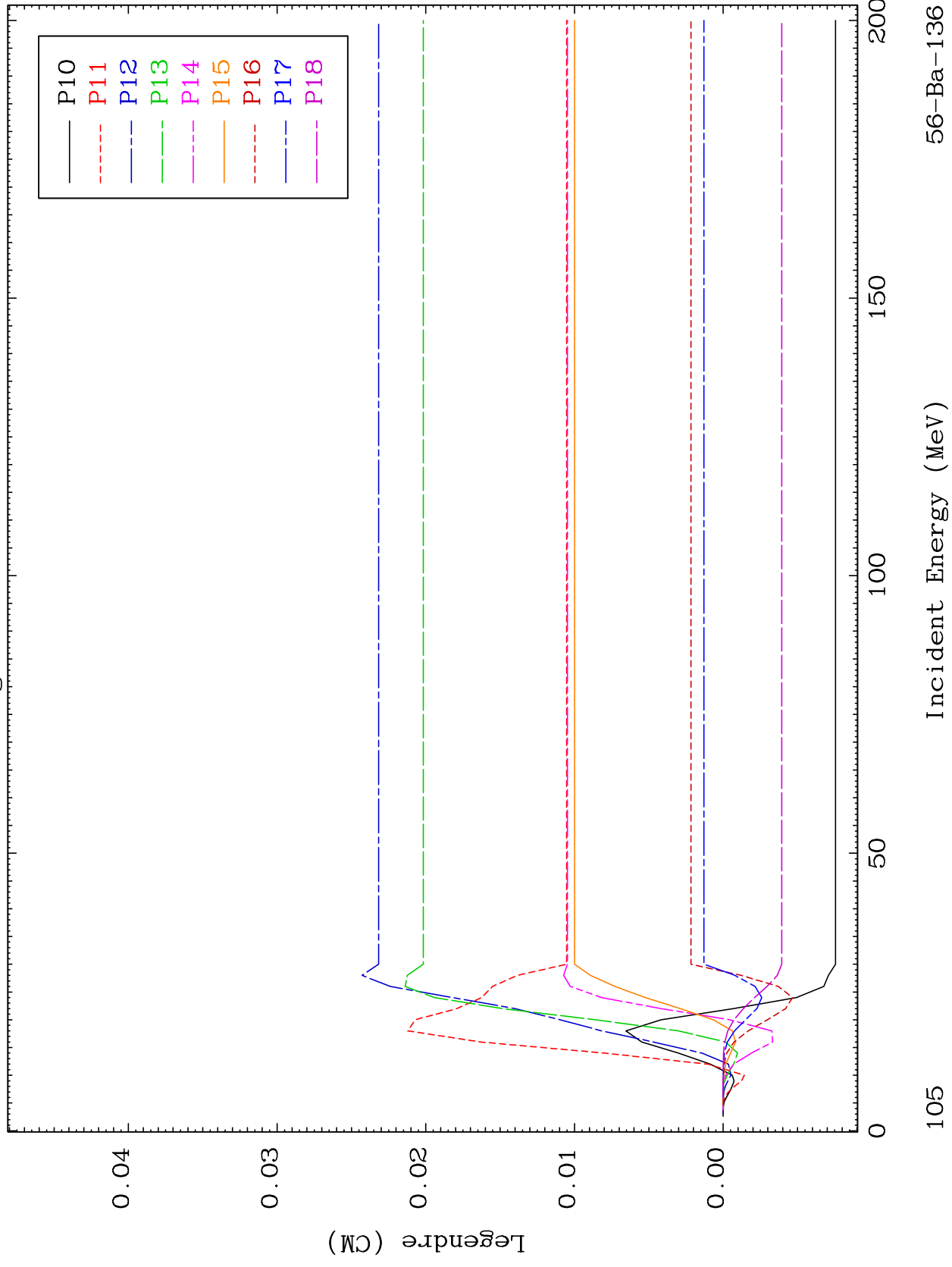
56-Ba-136



MAT 5643

MT= 74 (n, n') Level
Legendre Coefficients

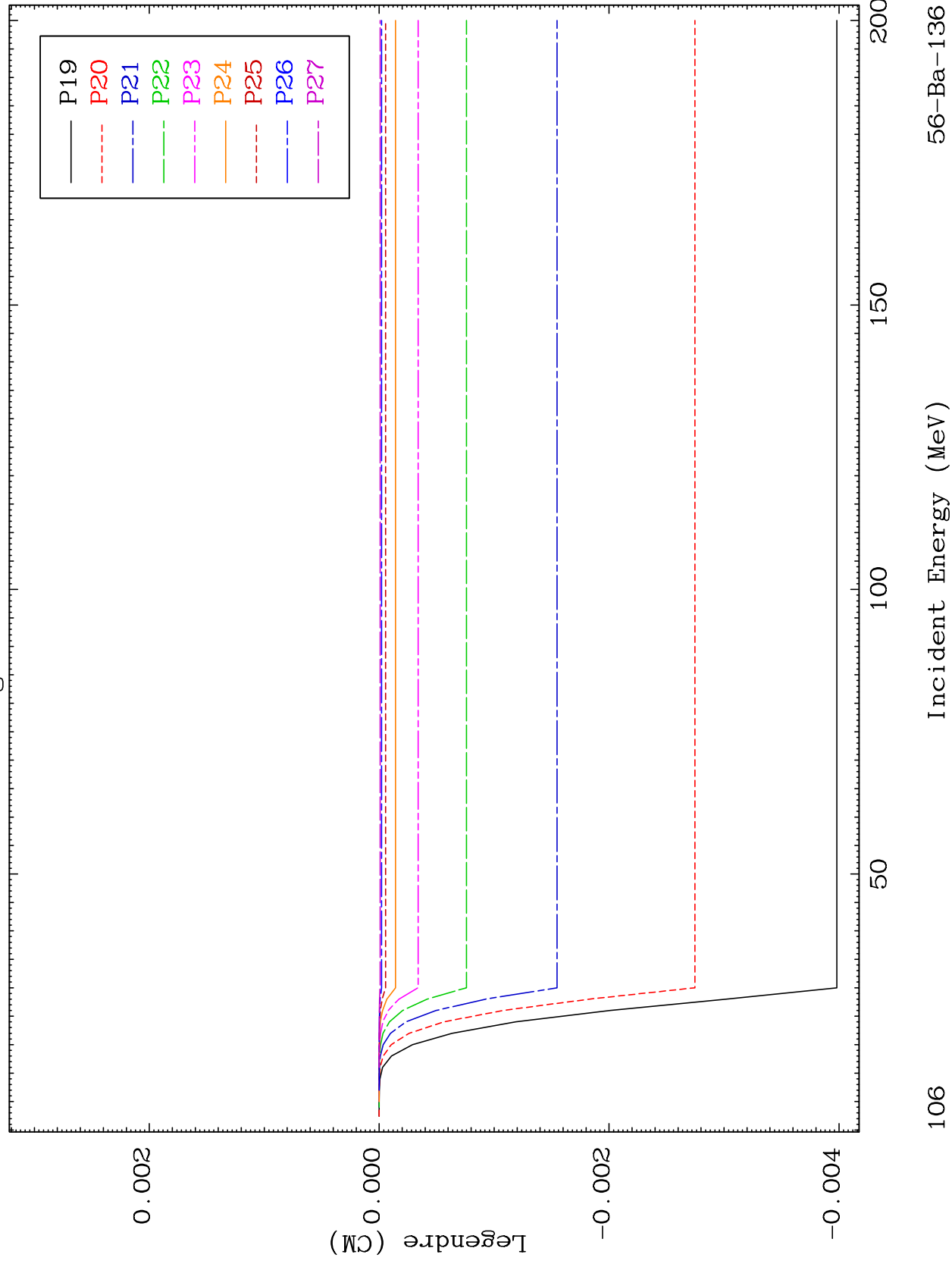
56-Ba-136

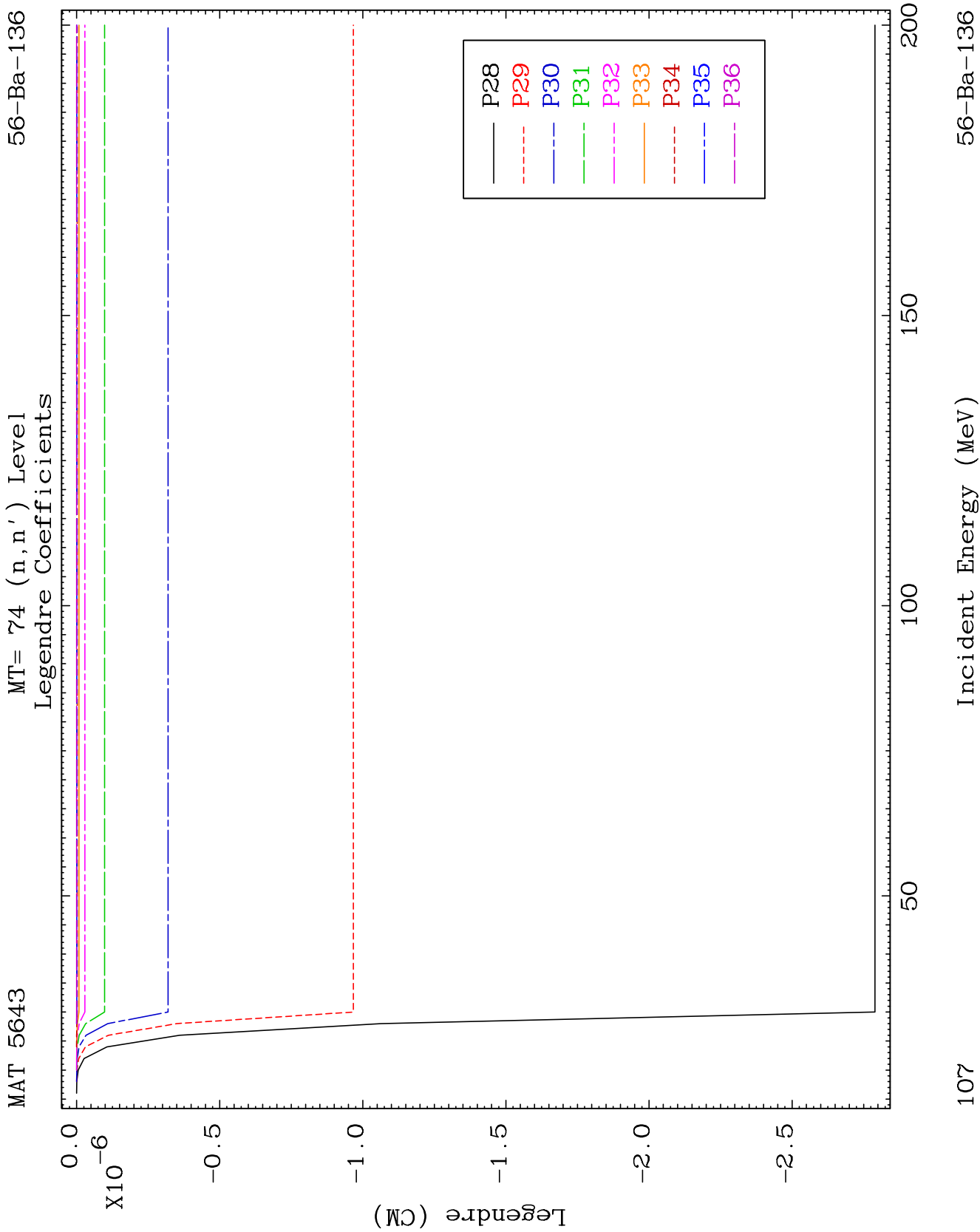


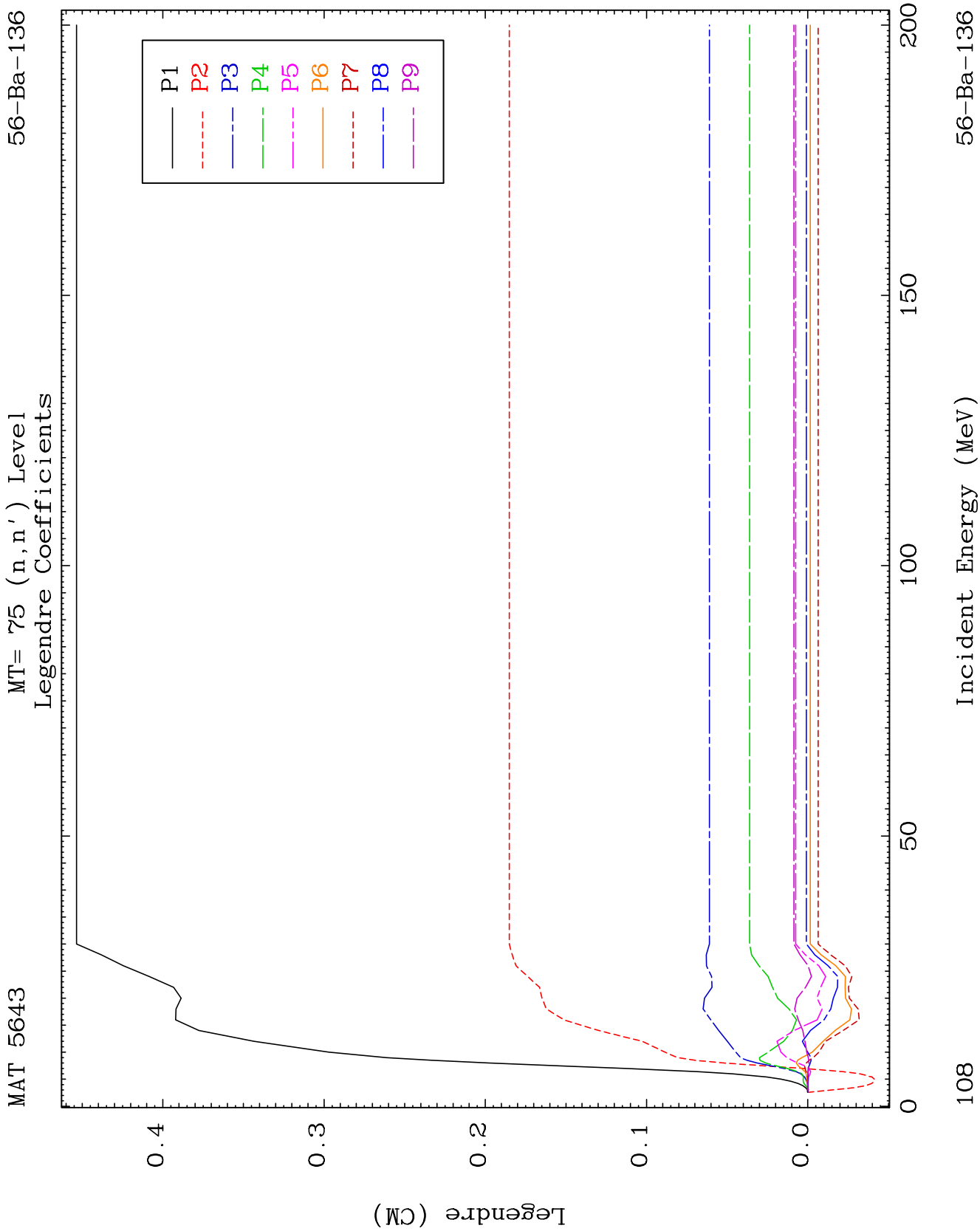
MAT 5643

MT= 74 (n, n') Level
Legendre Coefficients

56-Ba-136





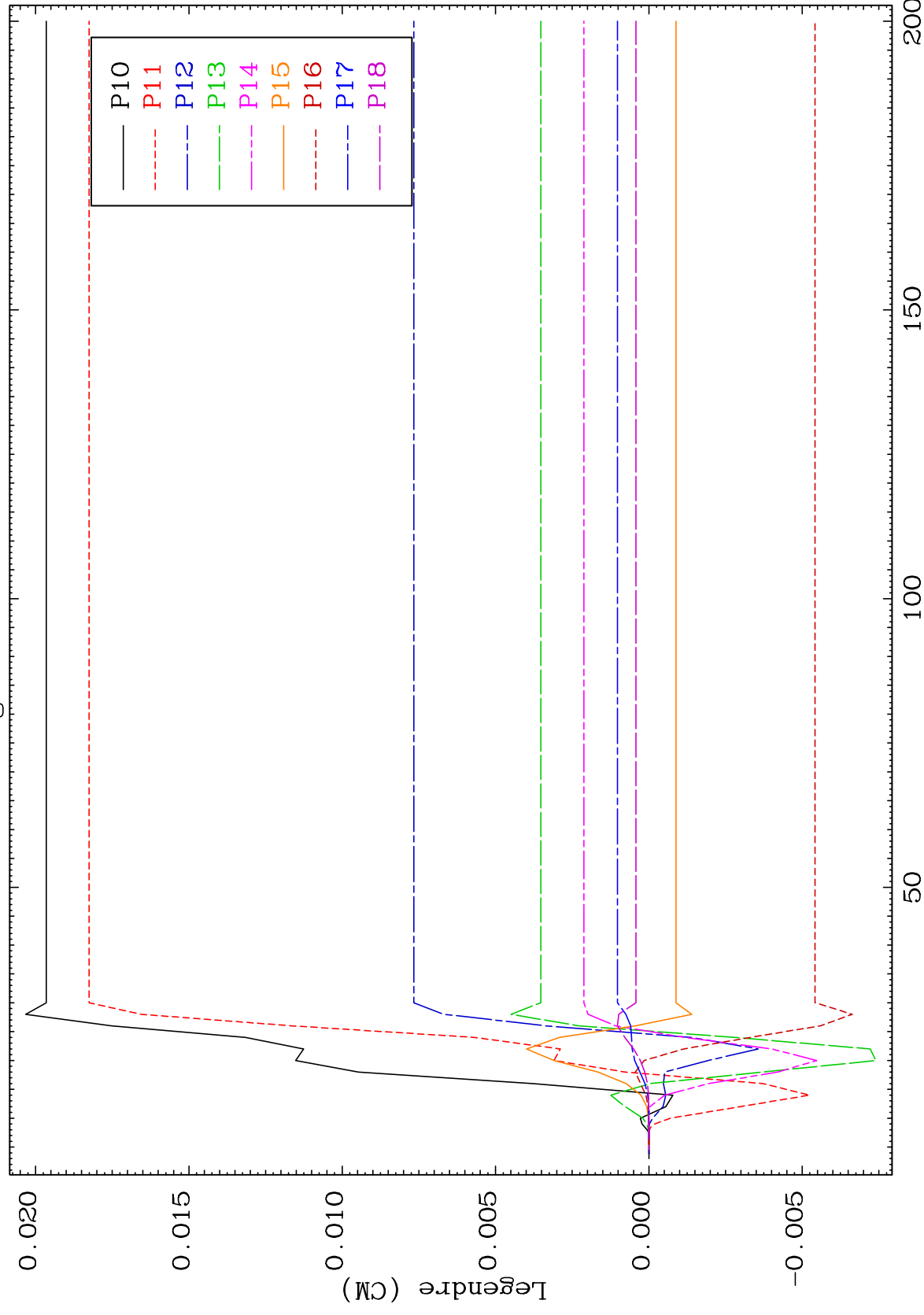


MAT 5643

MT=75 (n,n') Level

56-Ba-136

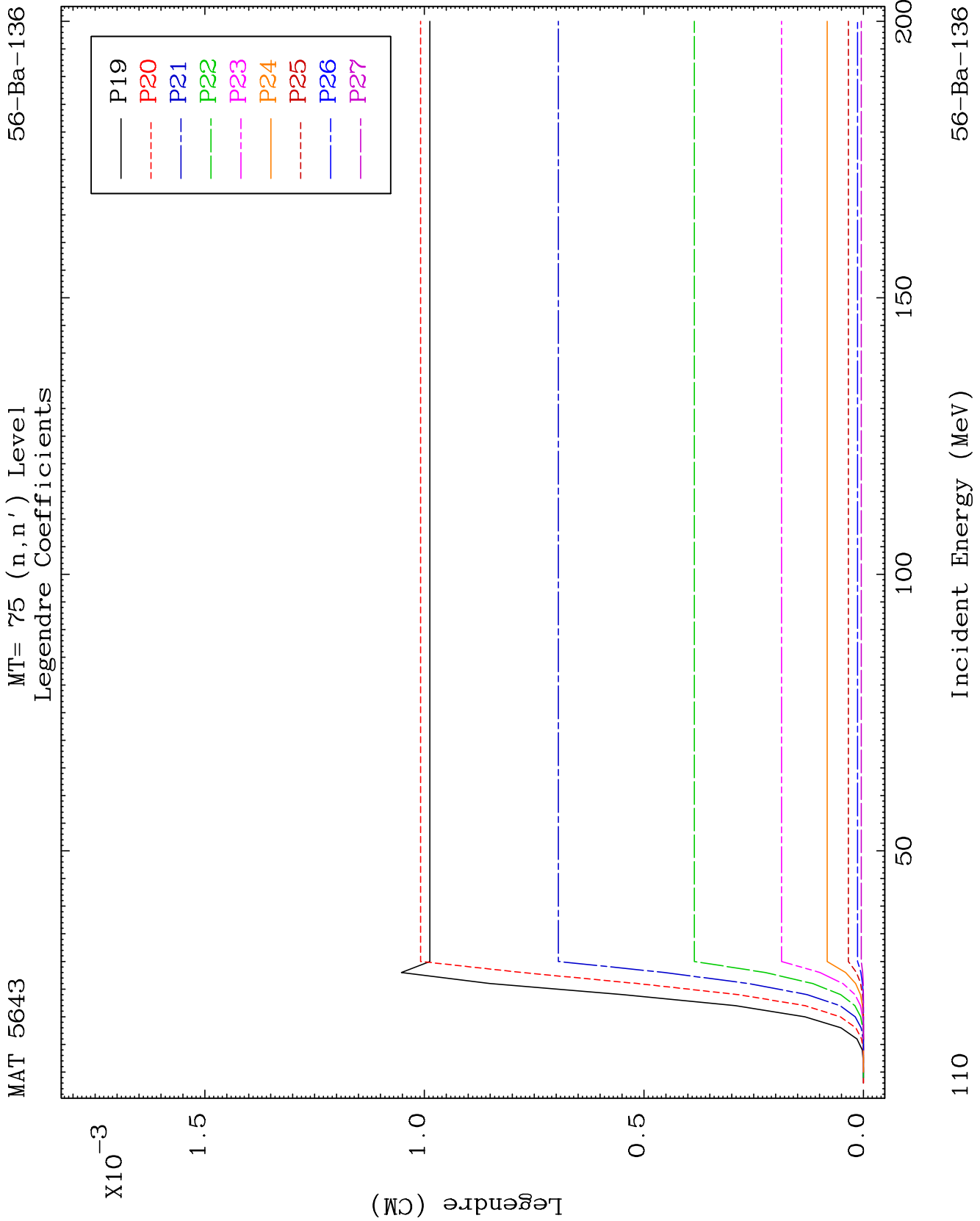
Legendre Coefficients

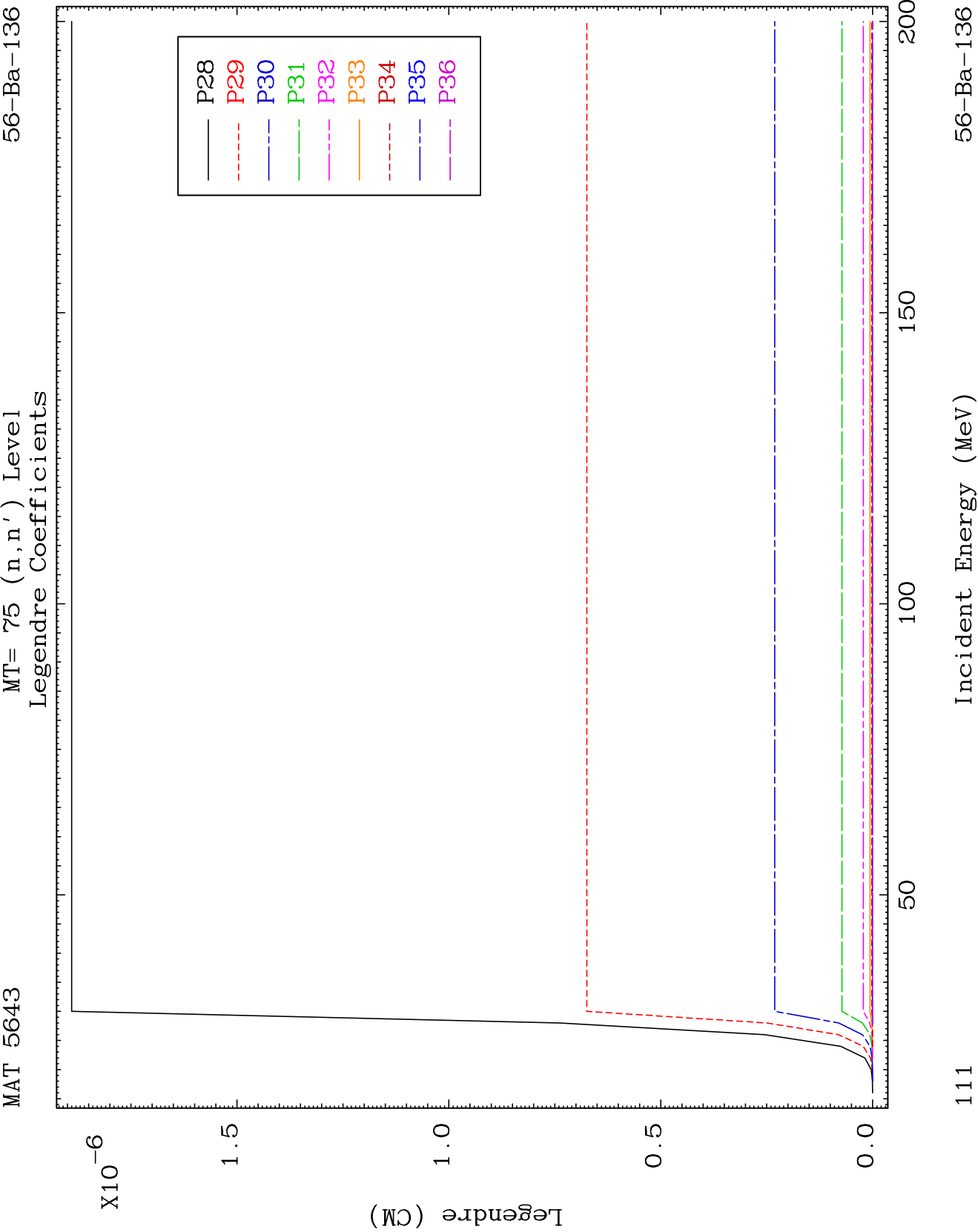


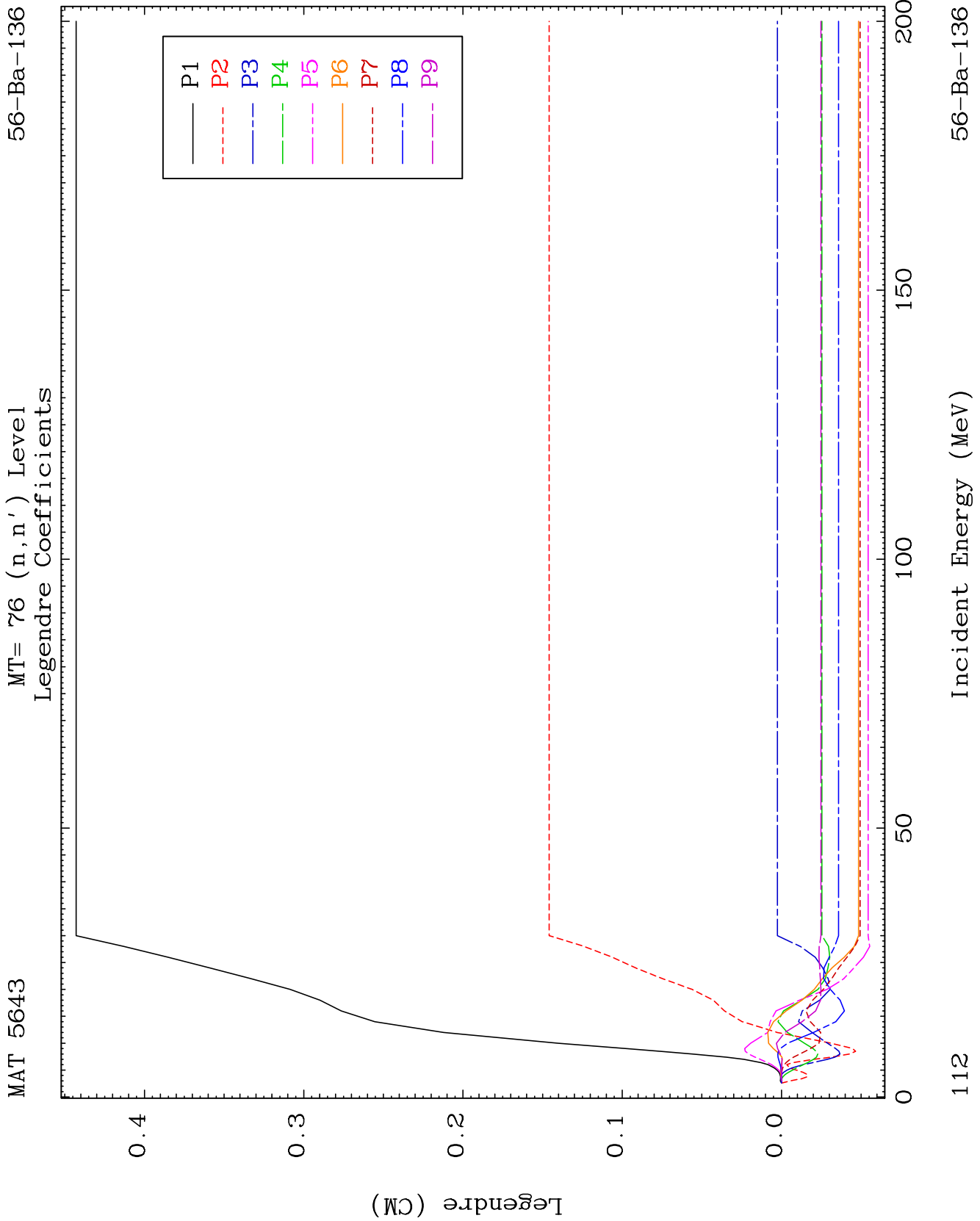
109

Incident Energy (MeV)

56-Ba-136



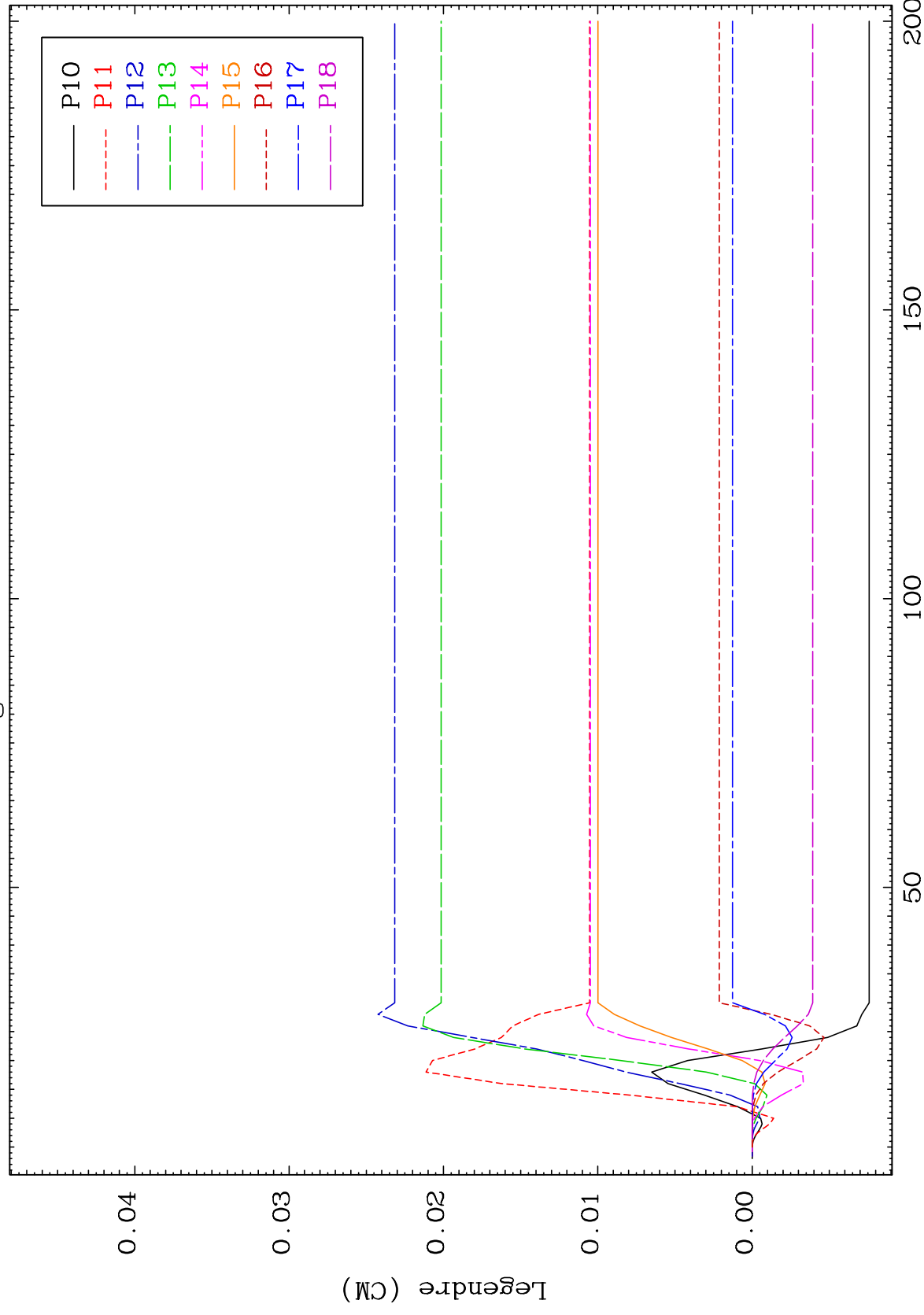




MAT 5643

MT= 76 (n, n') Level
Legendre Coefficients

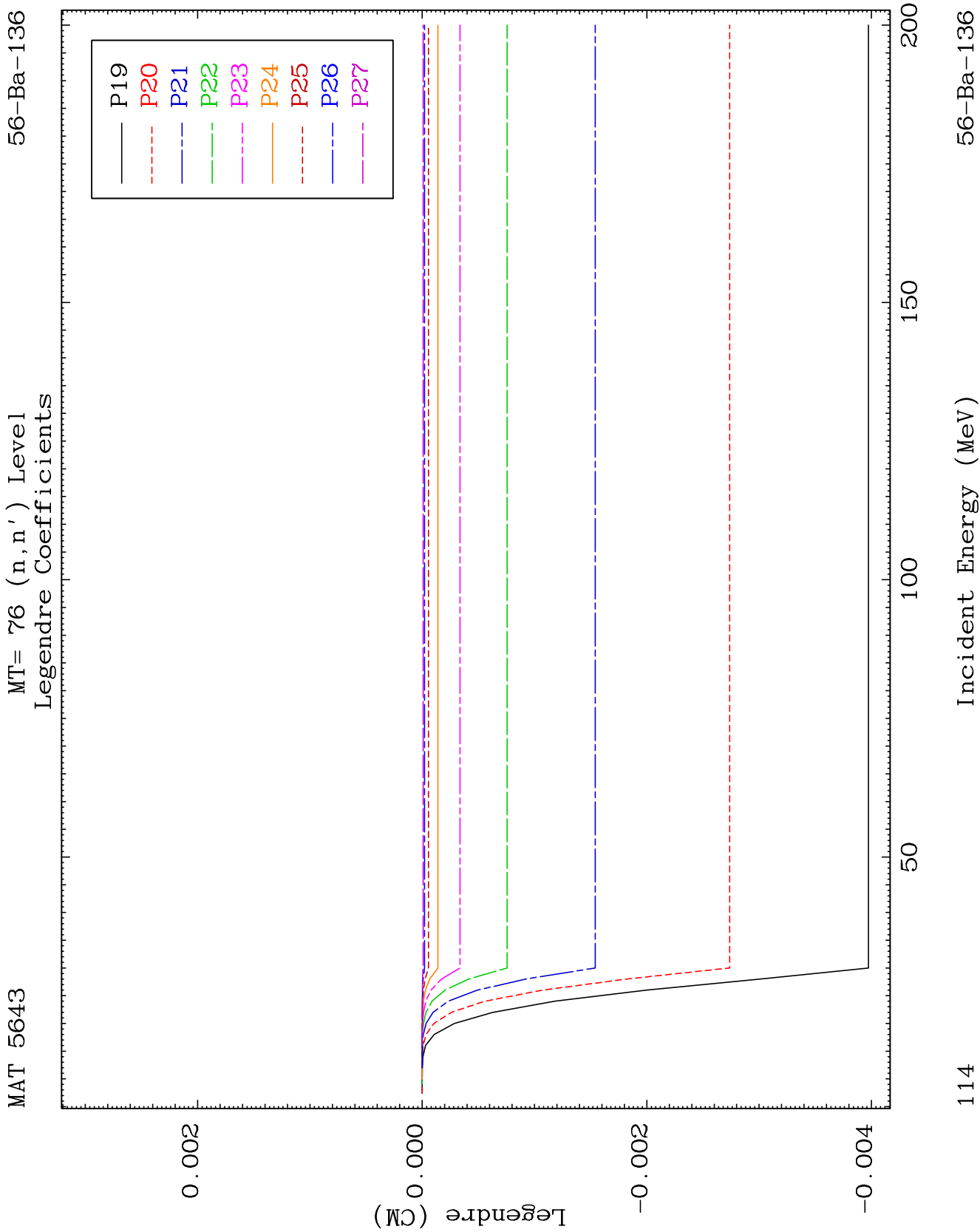
56-Ba-136

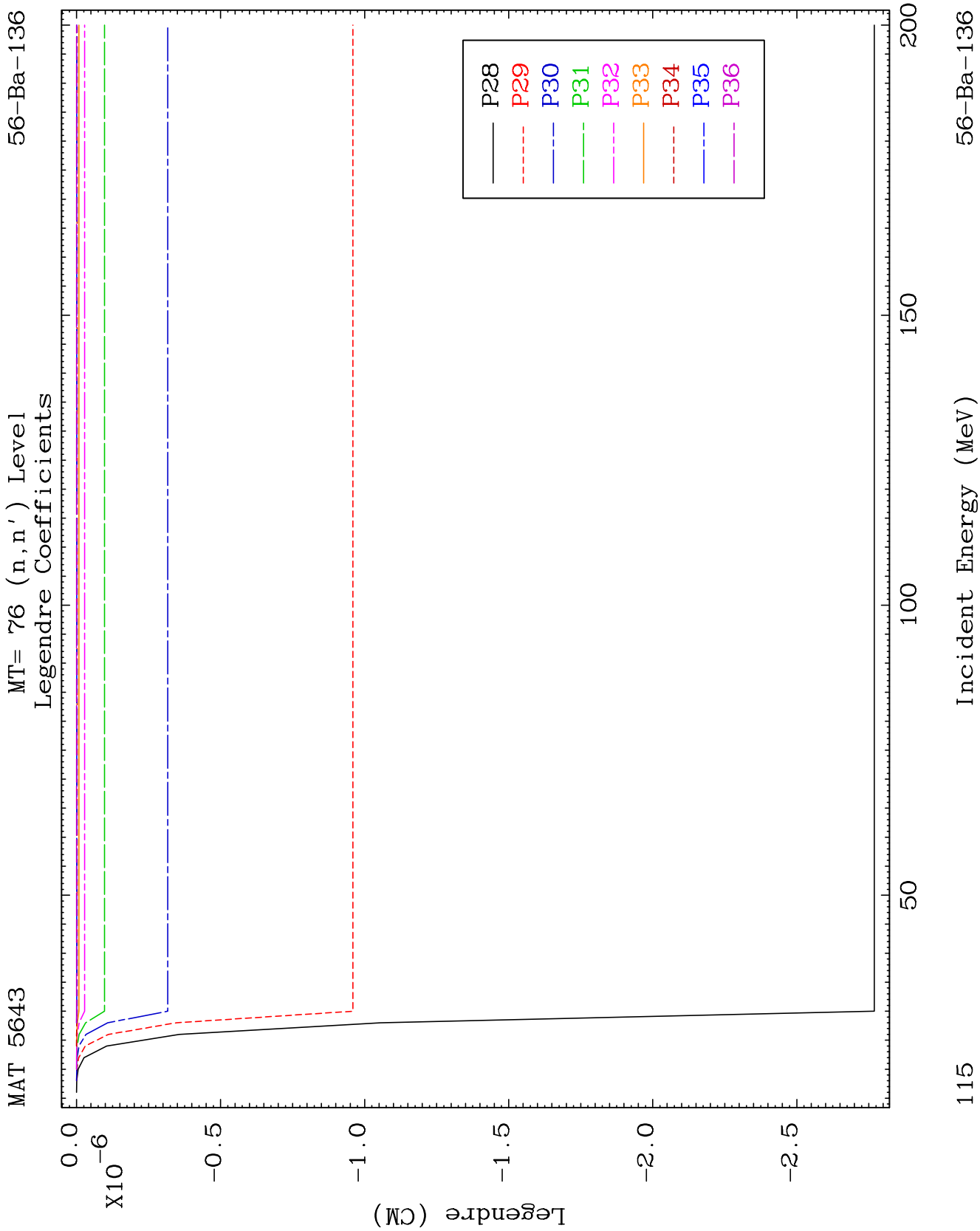


113

Incident Energy (MeV)

56-Ba-136

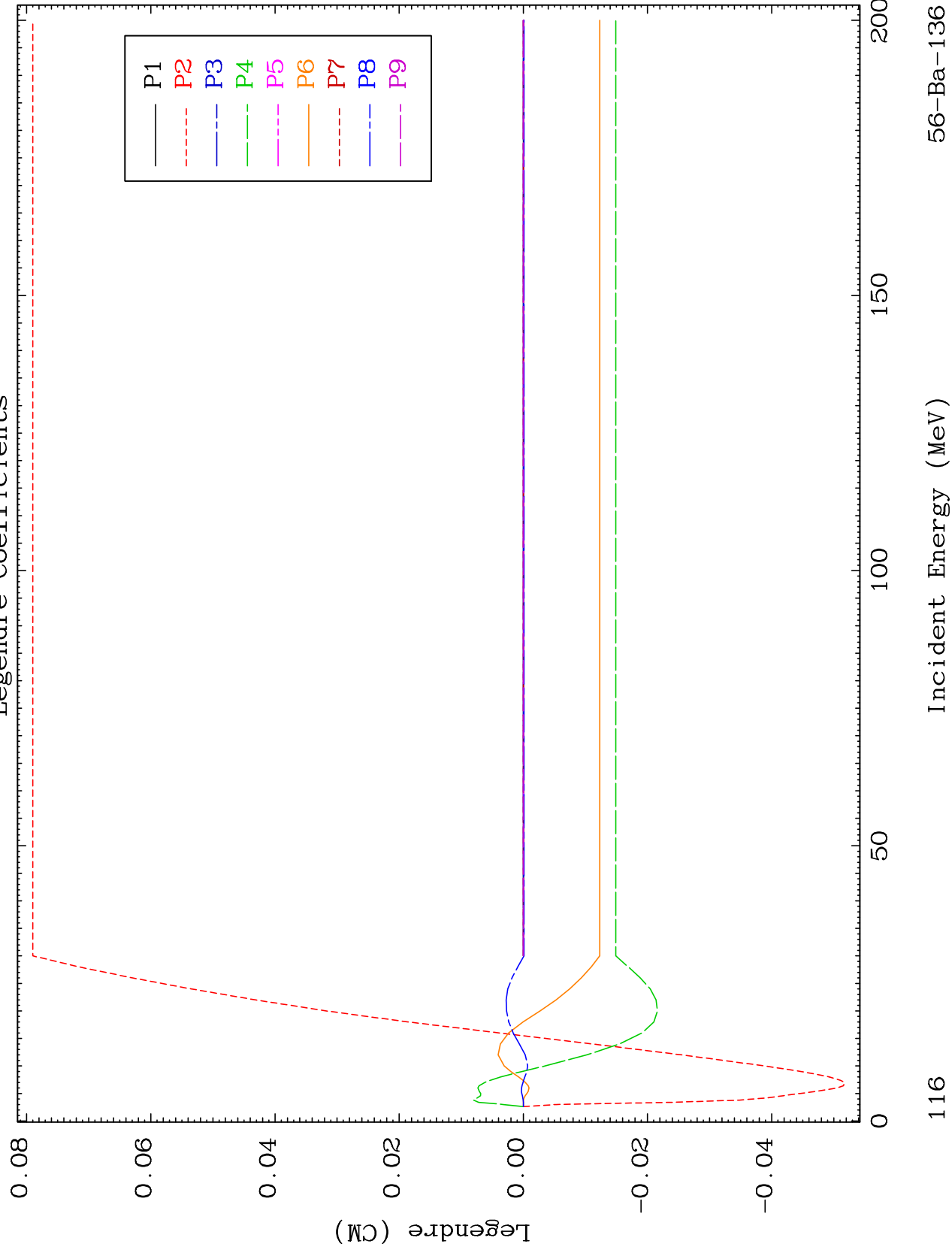


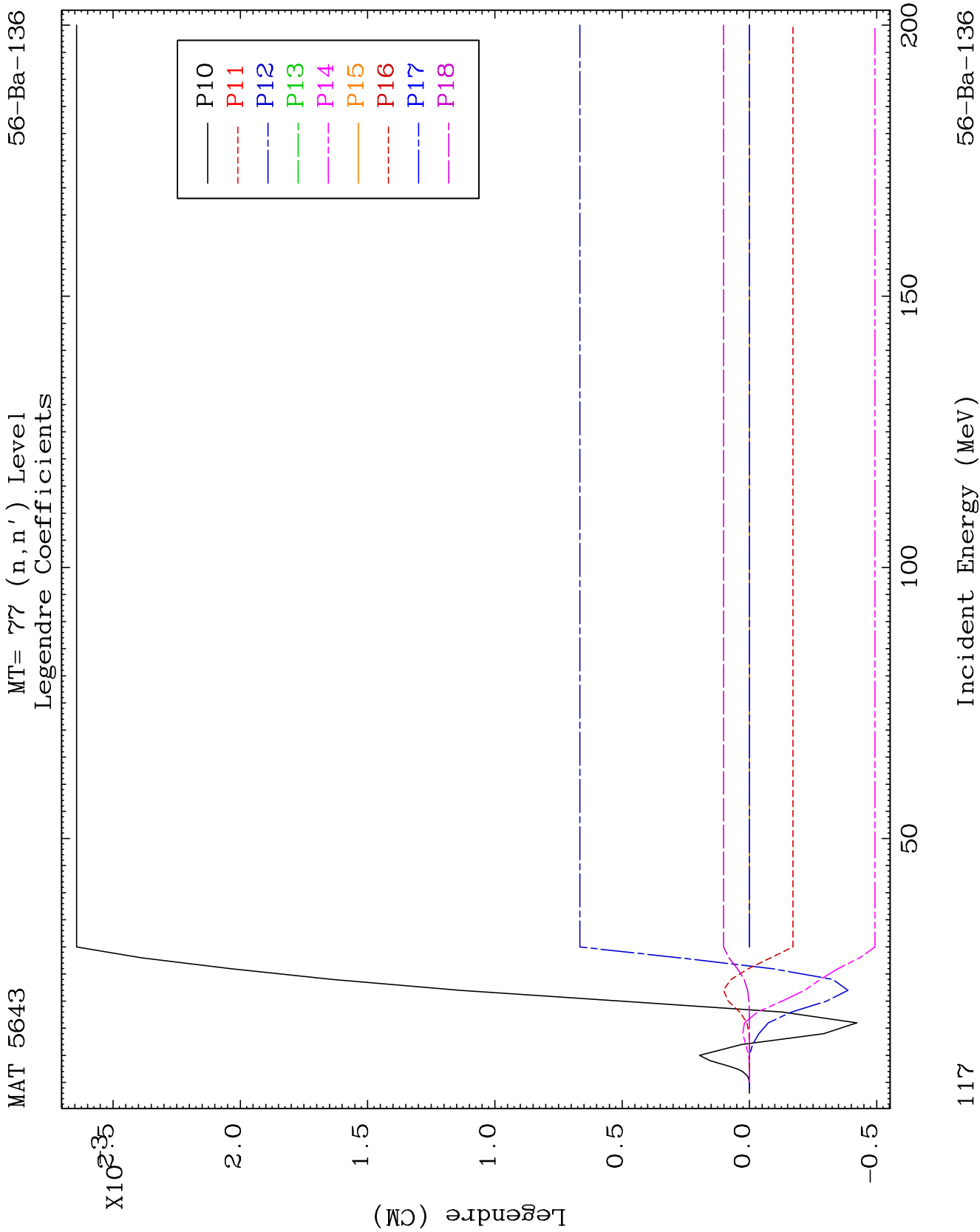


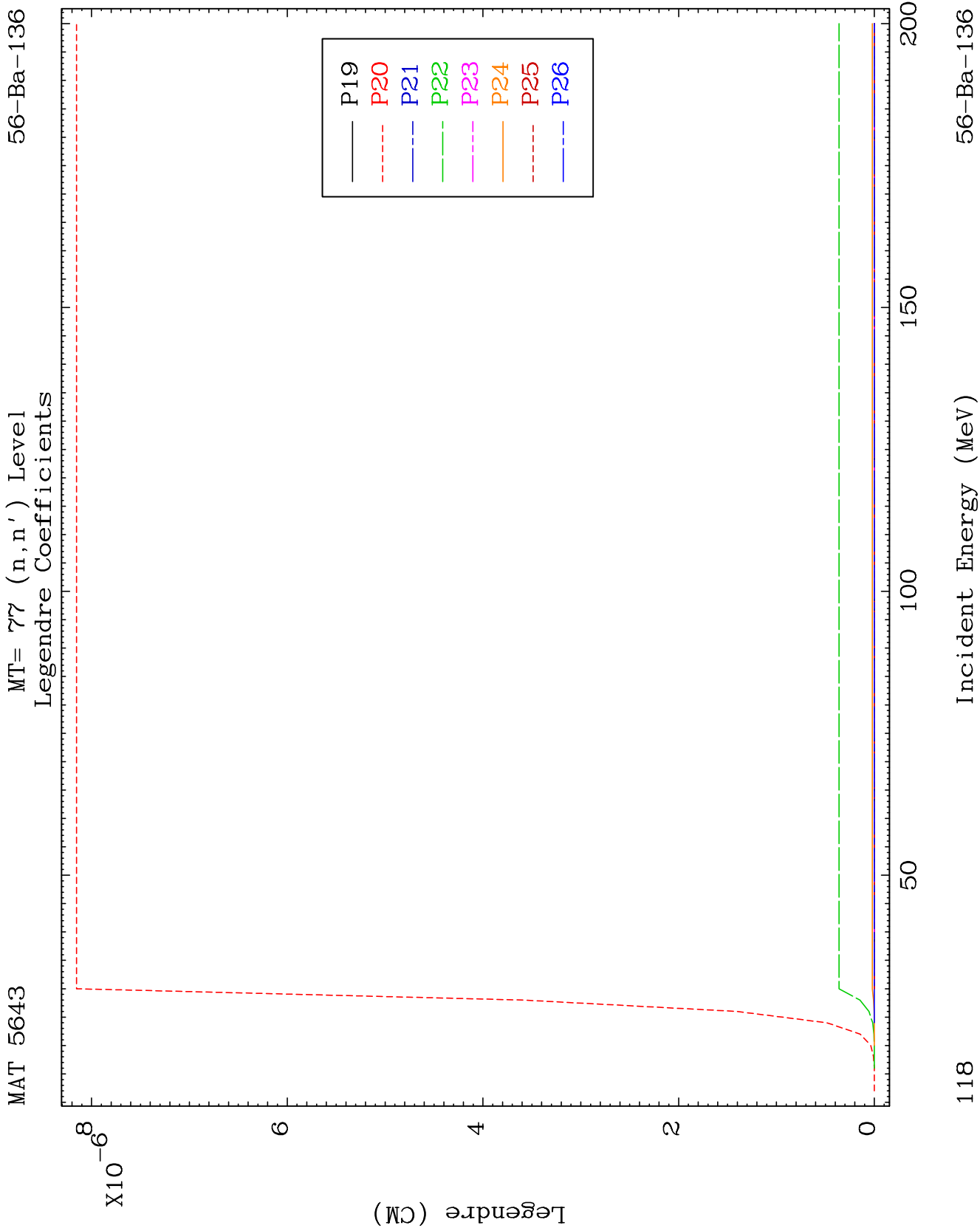
MAT 5643

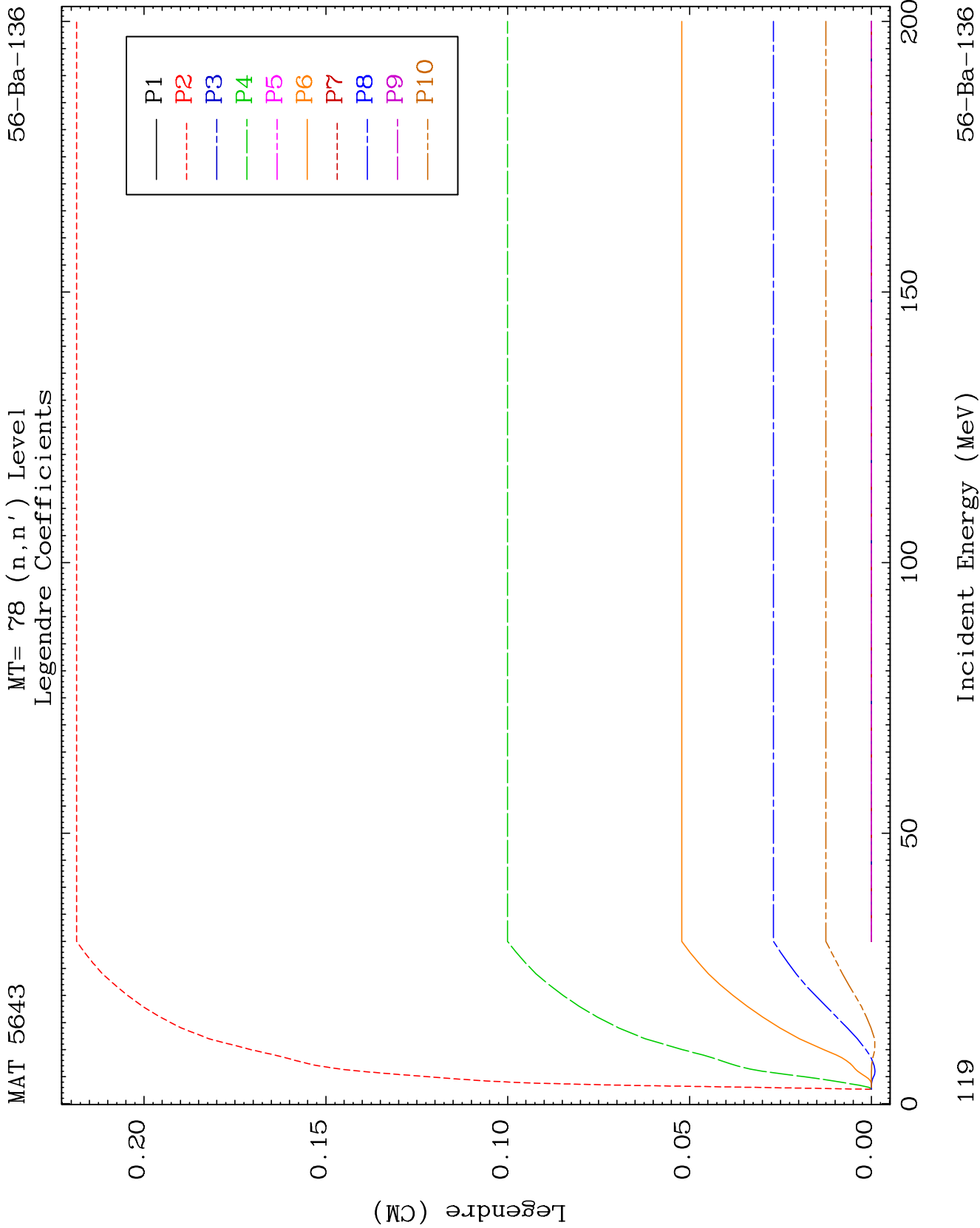
MT= 77 (n, n') Level
Legendre Coefficients

56-Ba-136





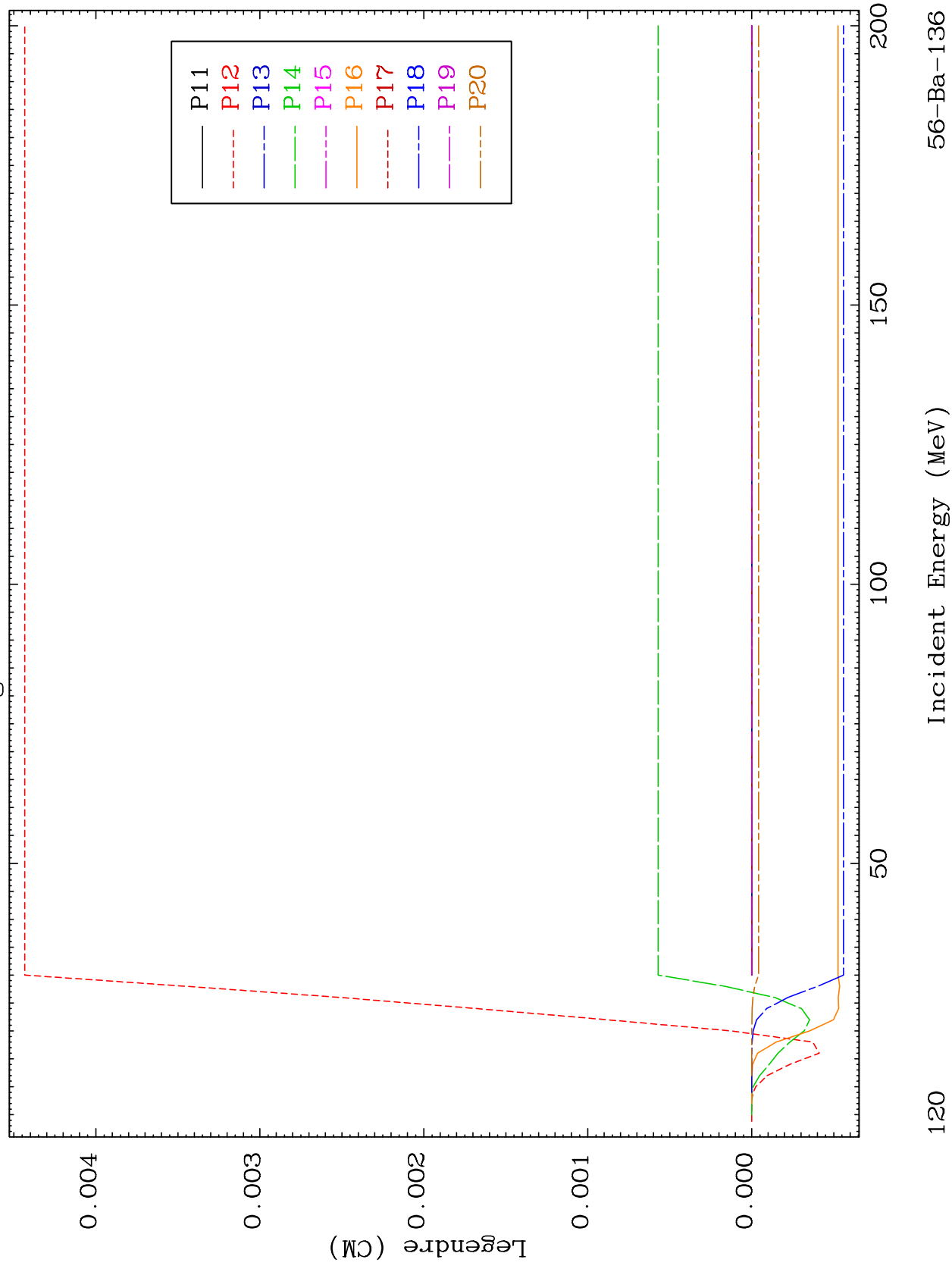


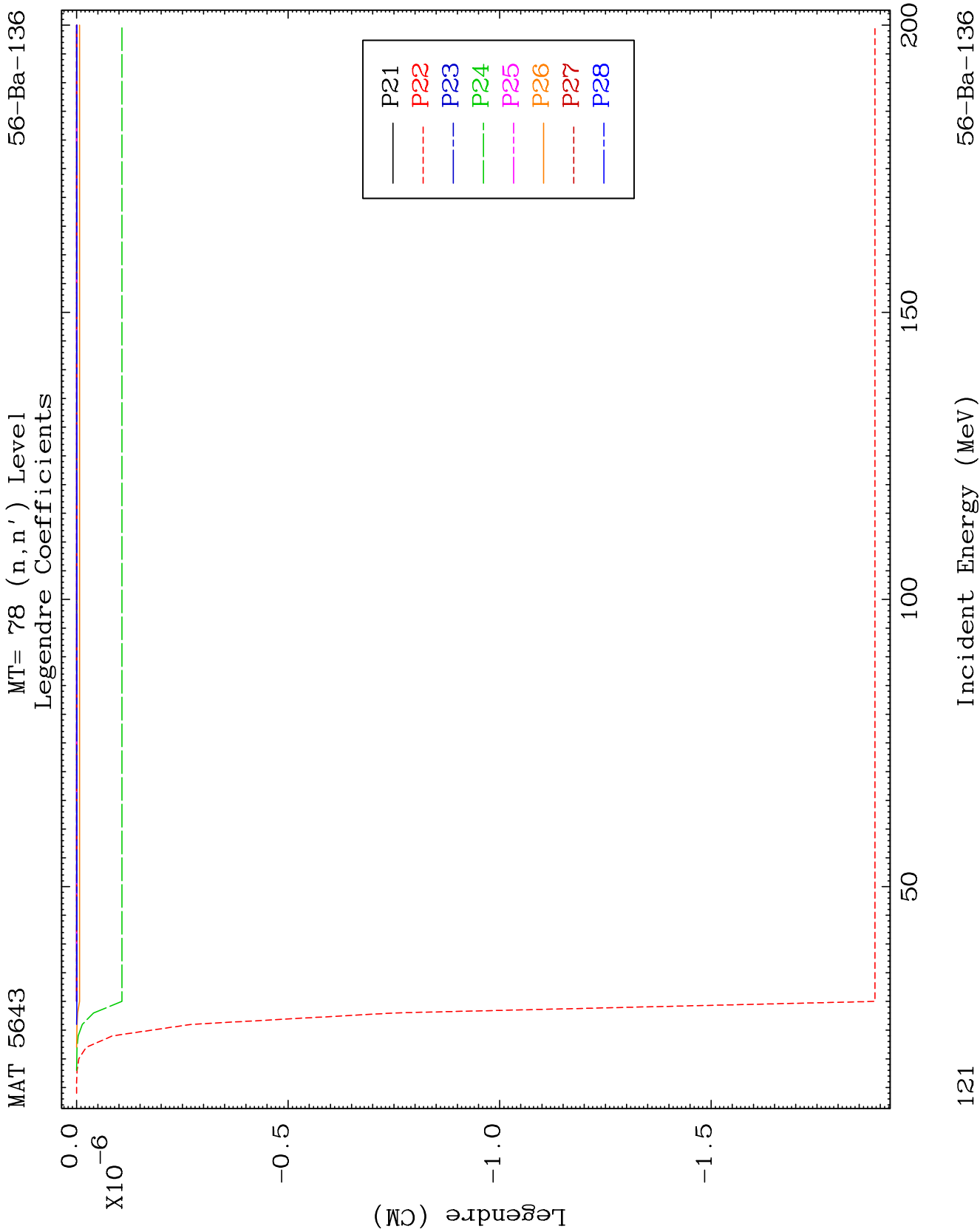


MAT 5643

MT= 78 (n, n') Level
Legendre Coefficients

56-Ba-136

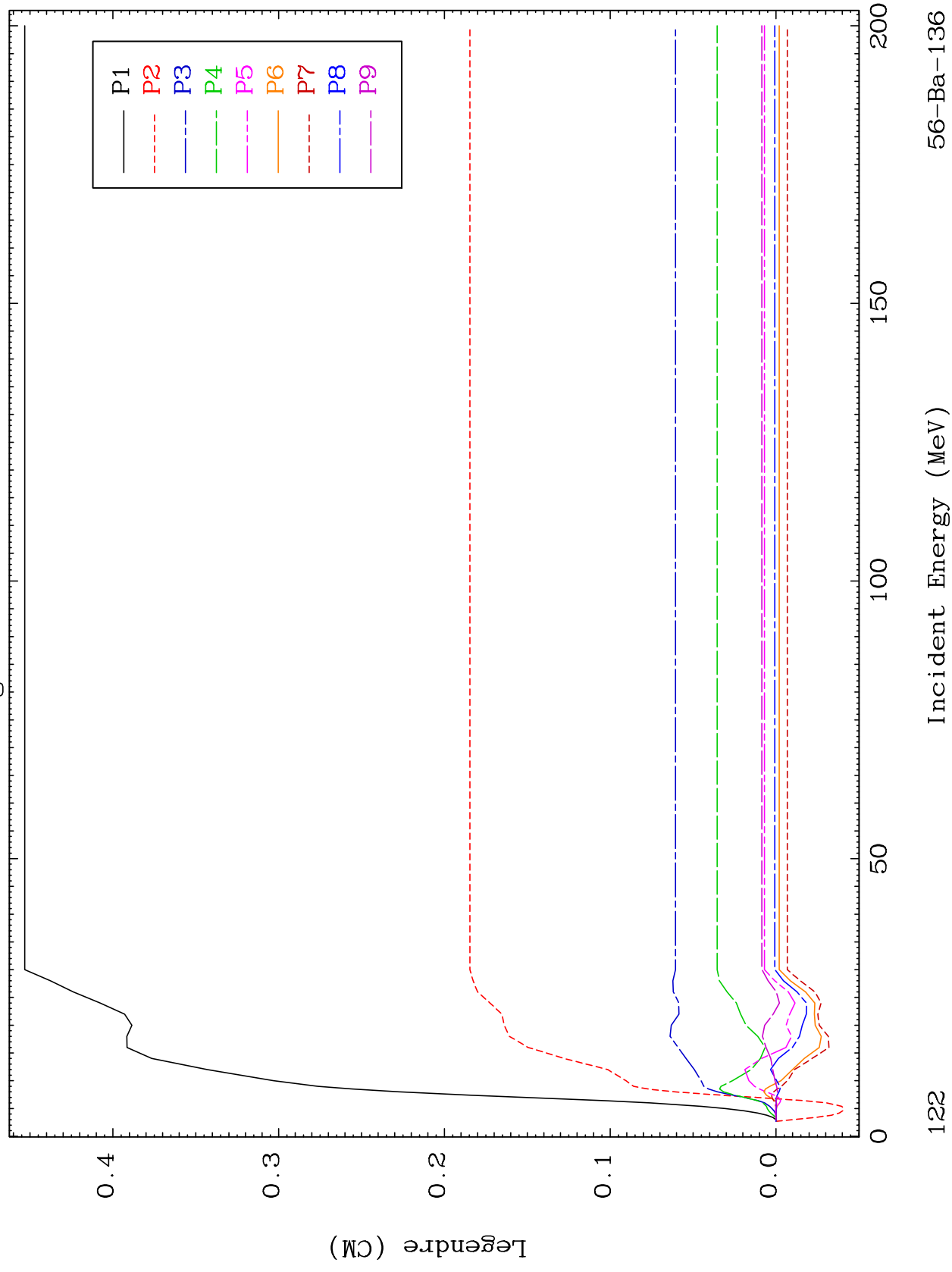


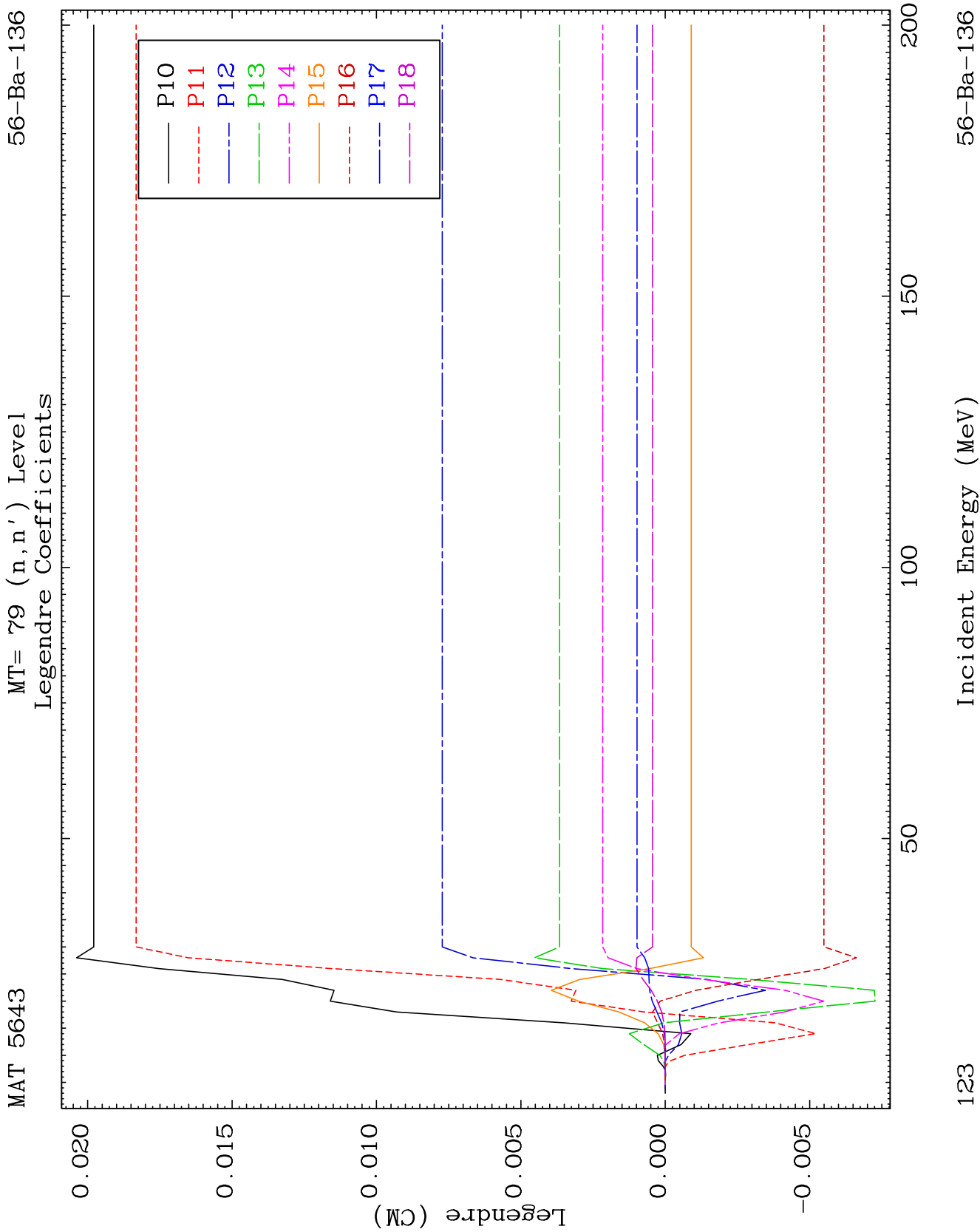


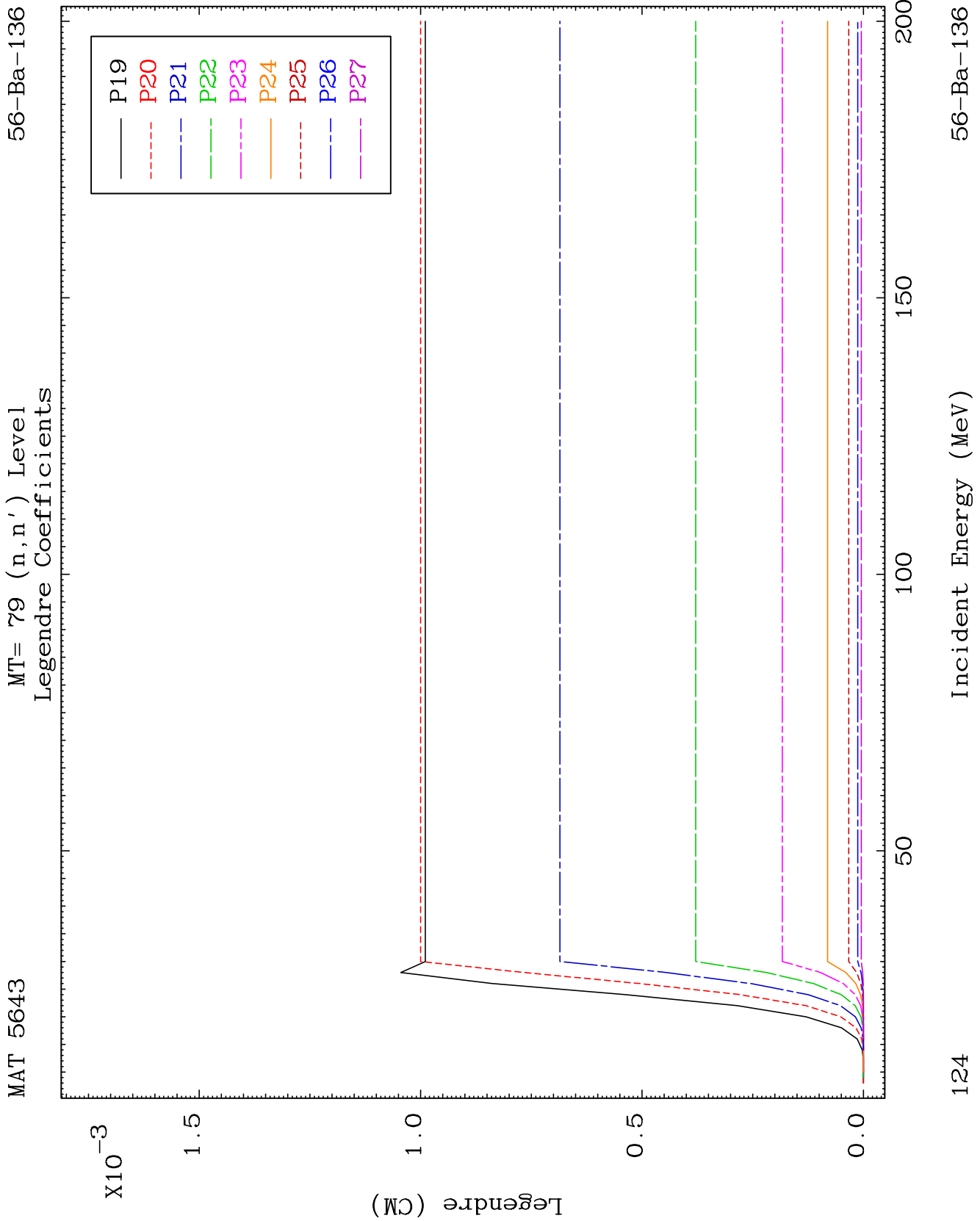
MAT 5643

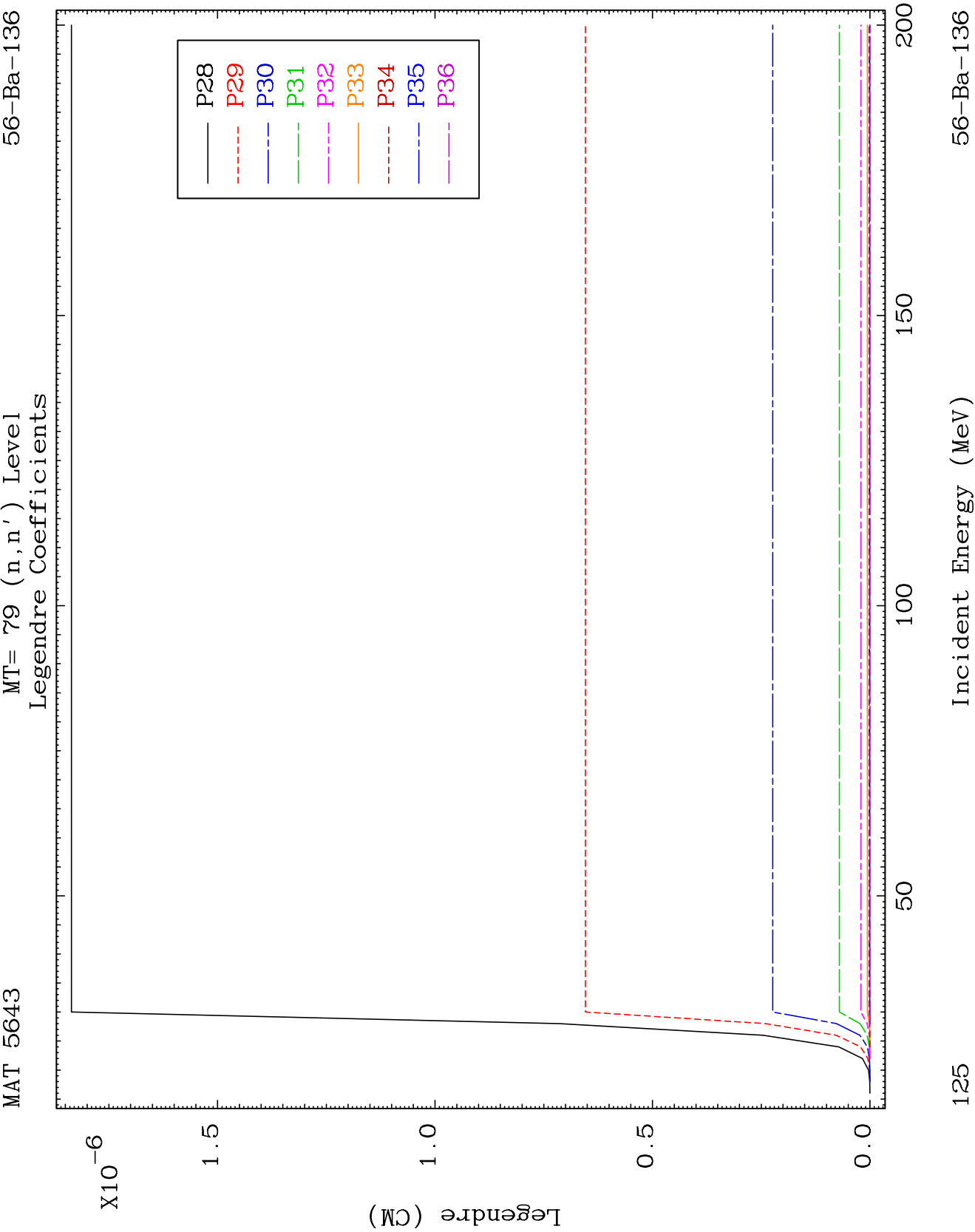
MT= 79 (n, n') Level
Legendre Coefficients

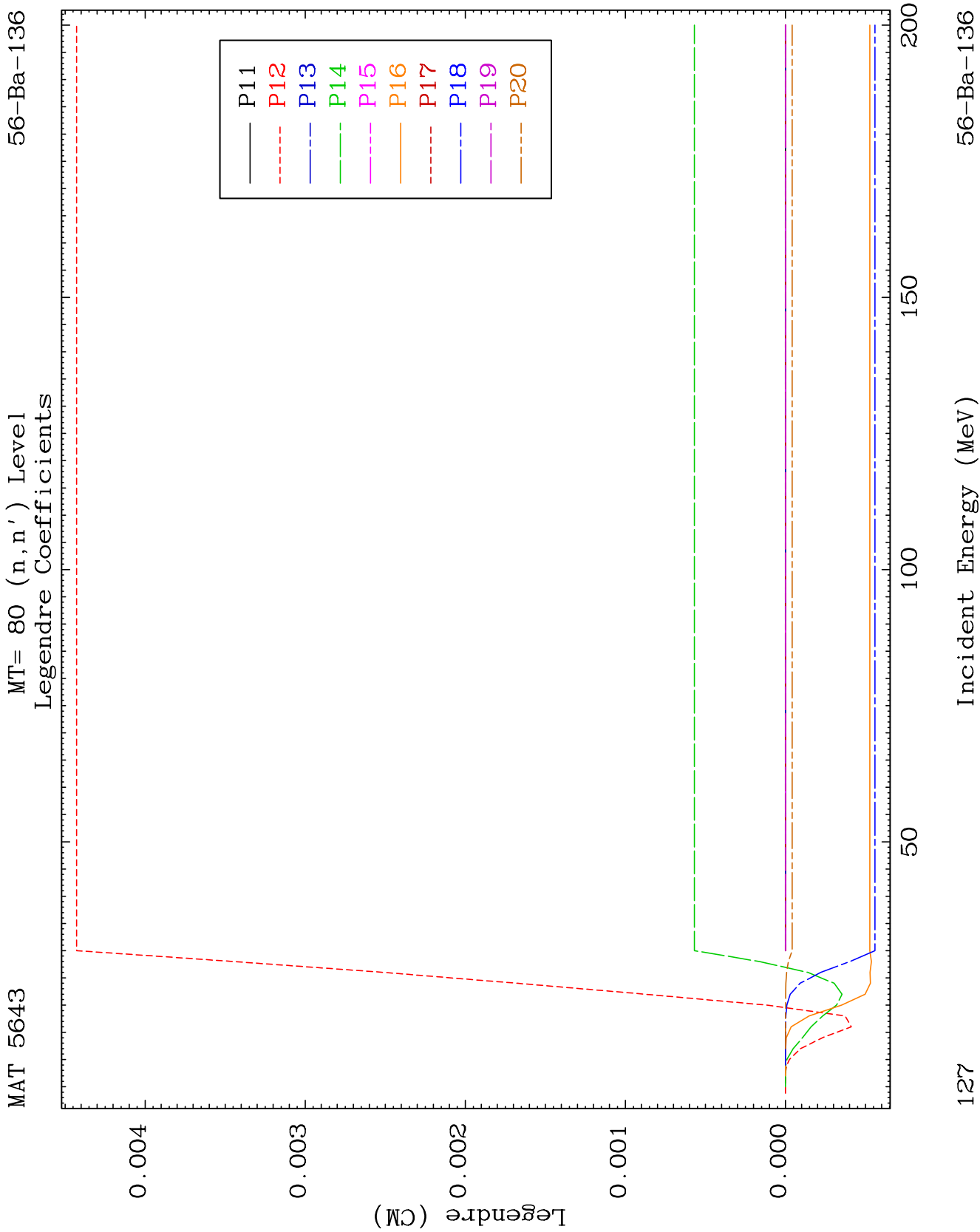
56-Ba-136

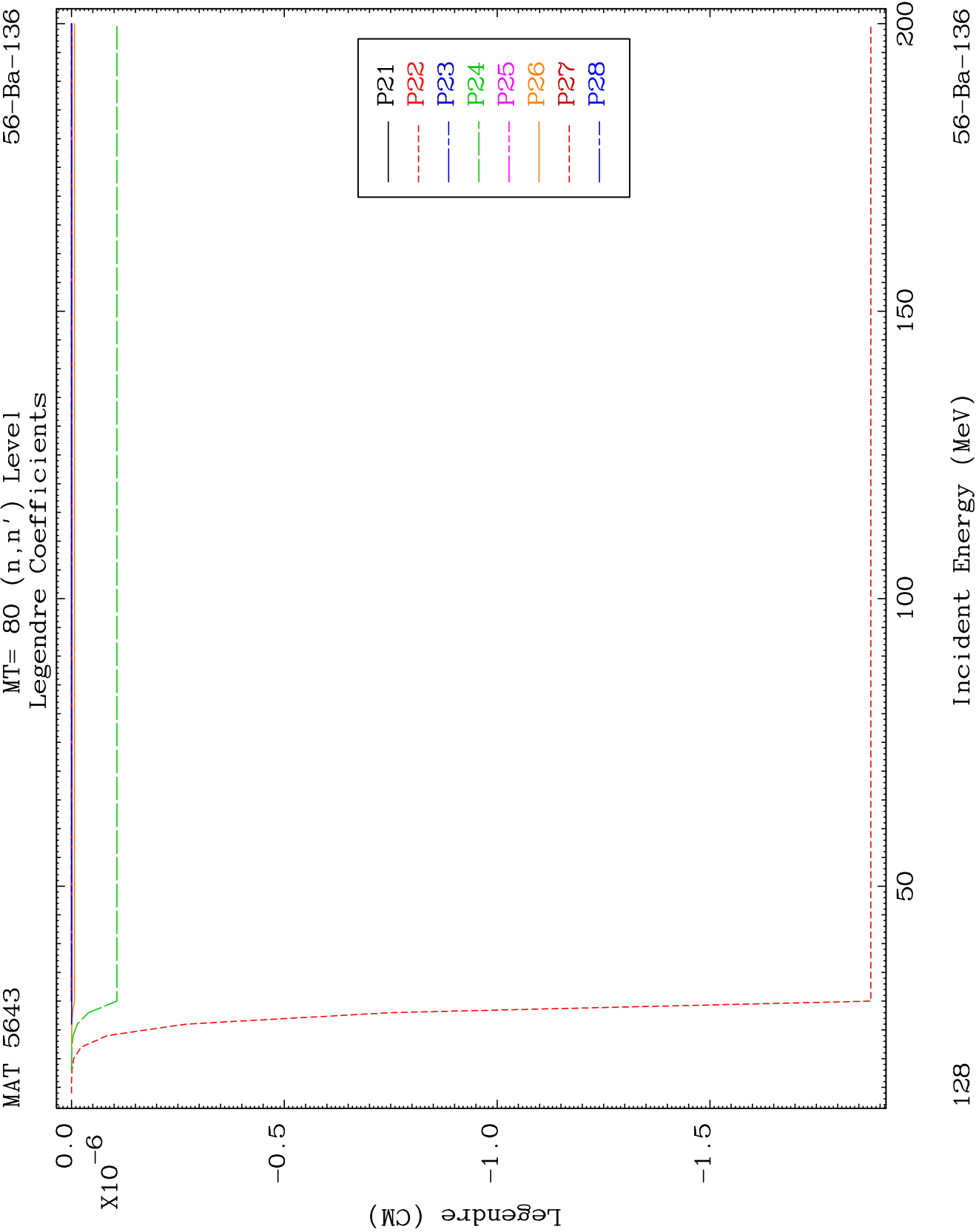


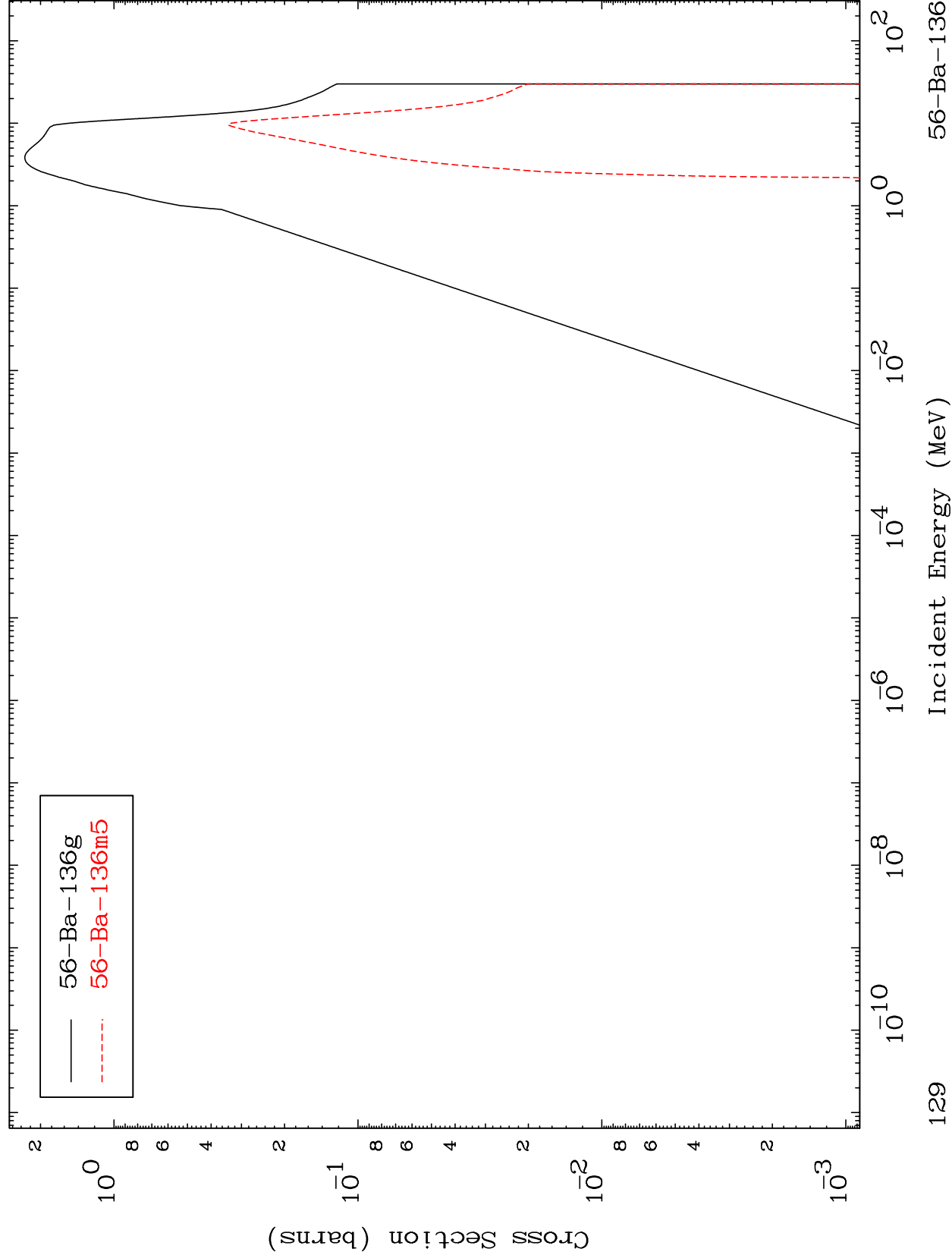


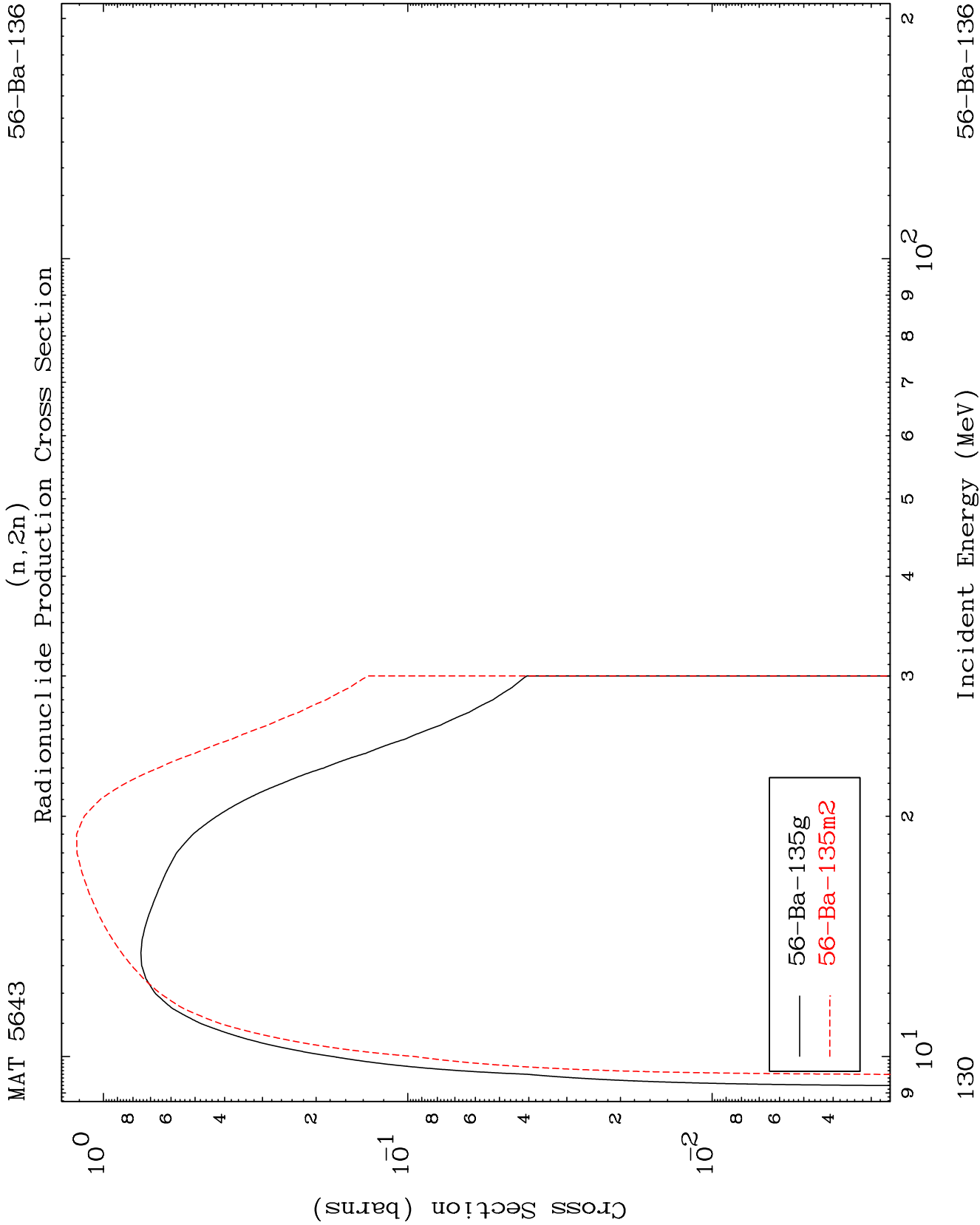


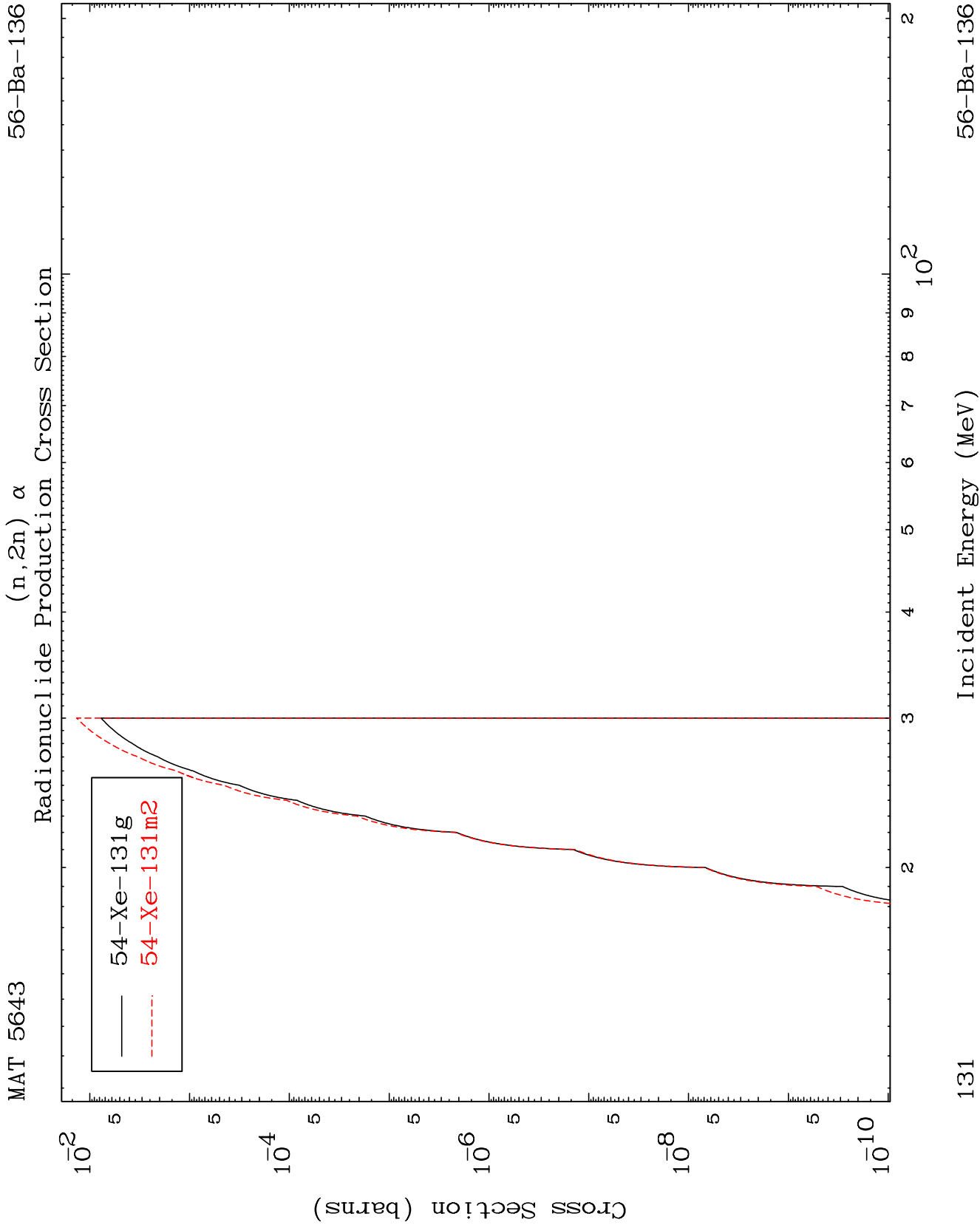


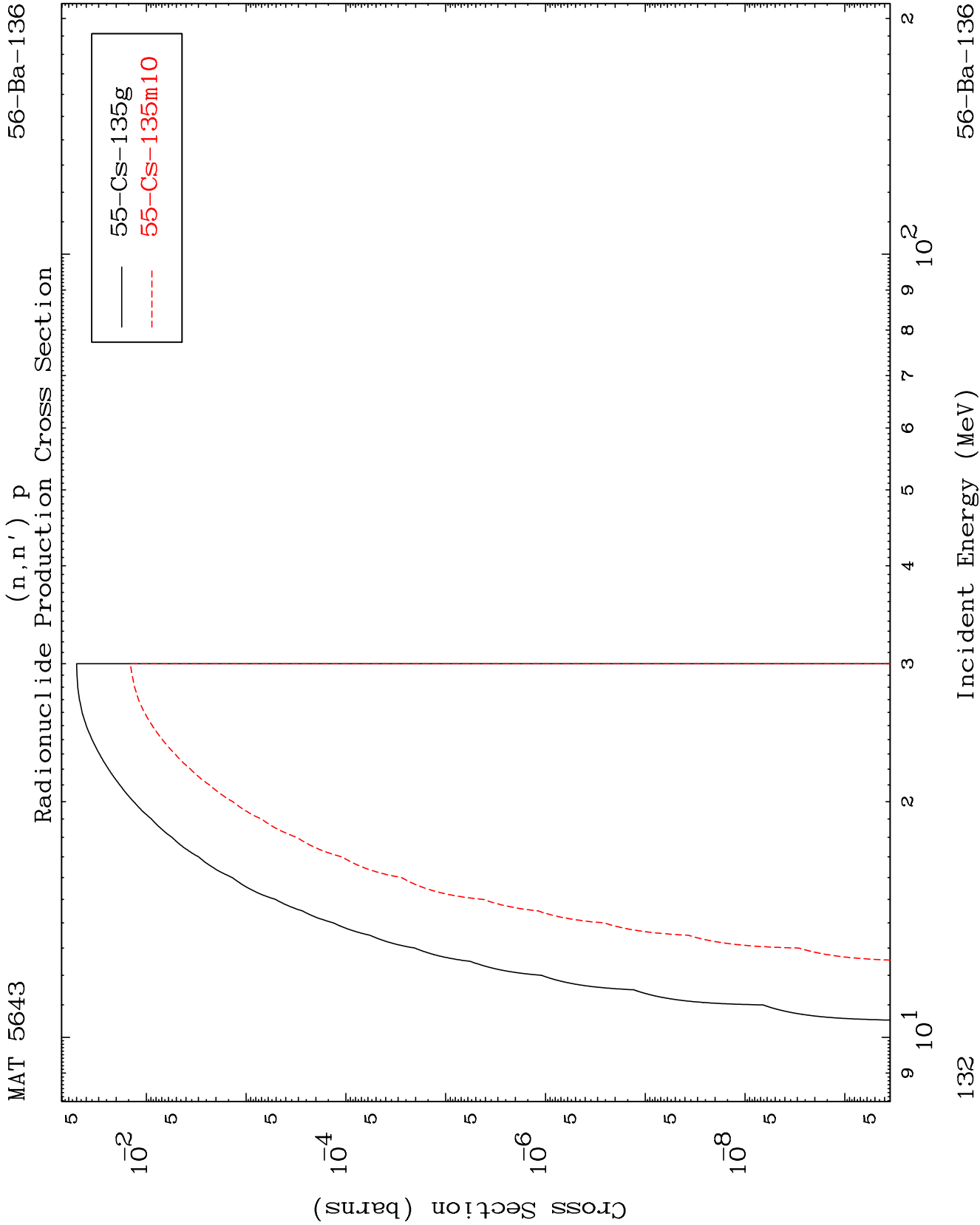


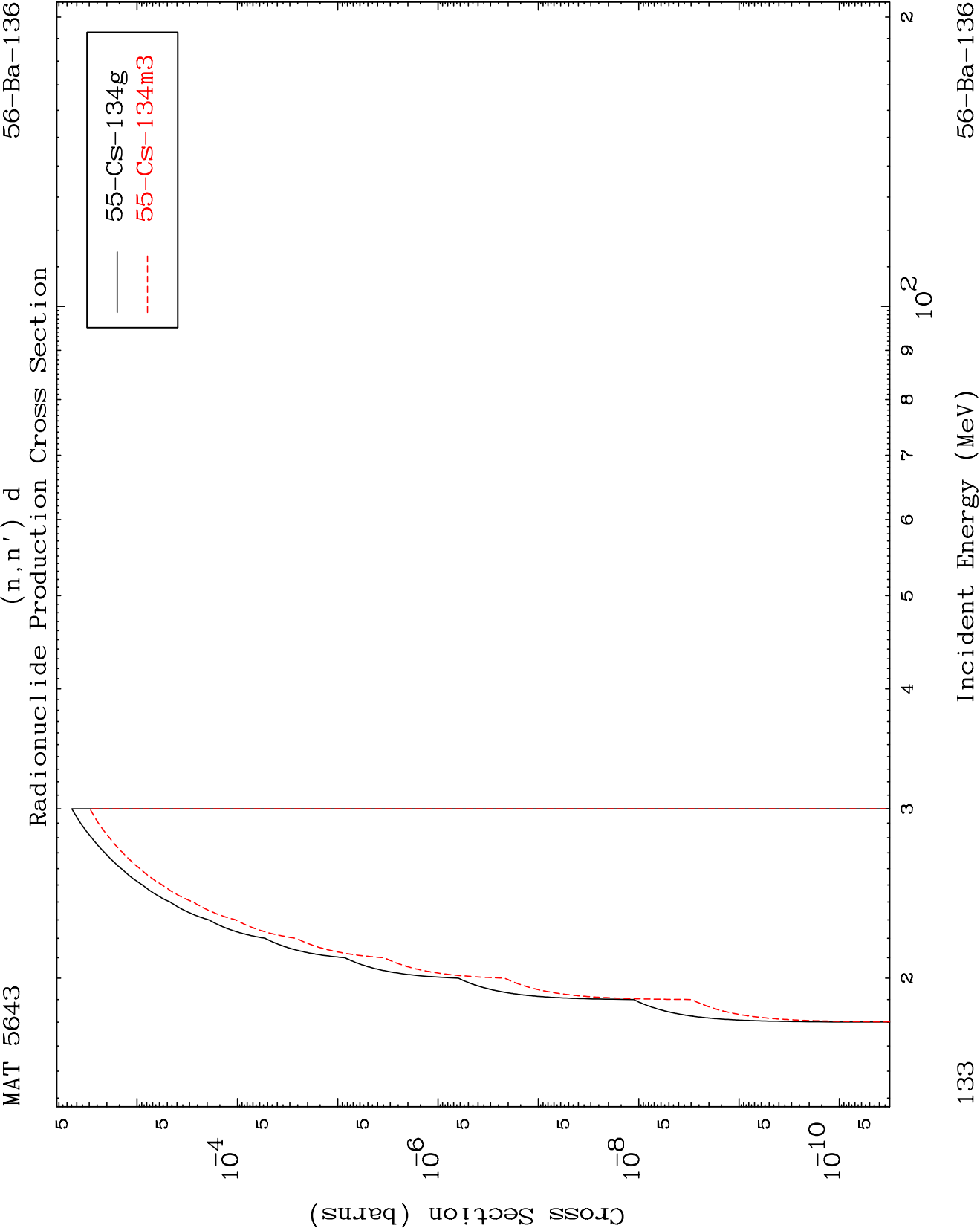




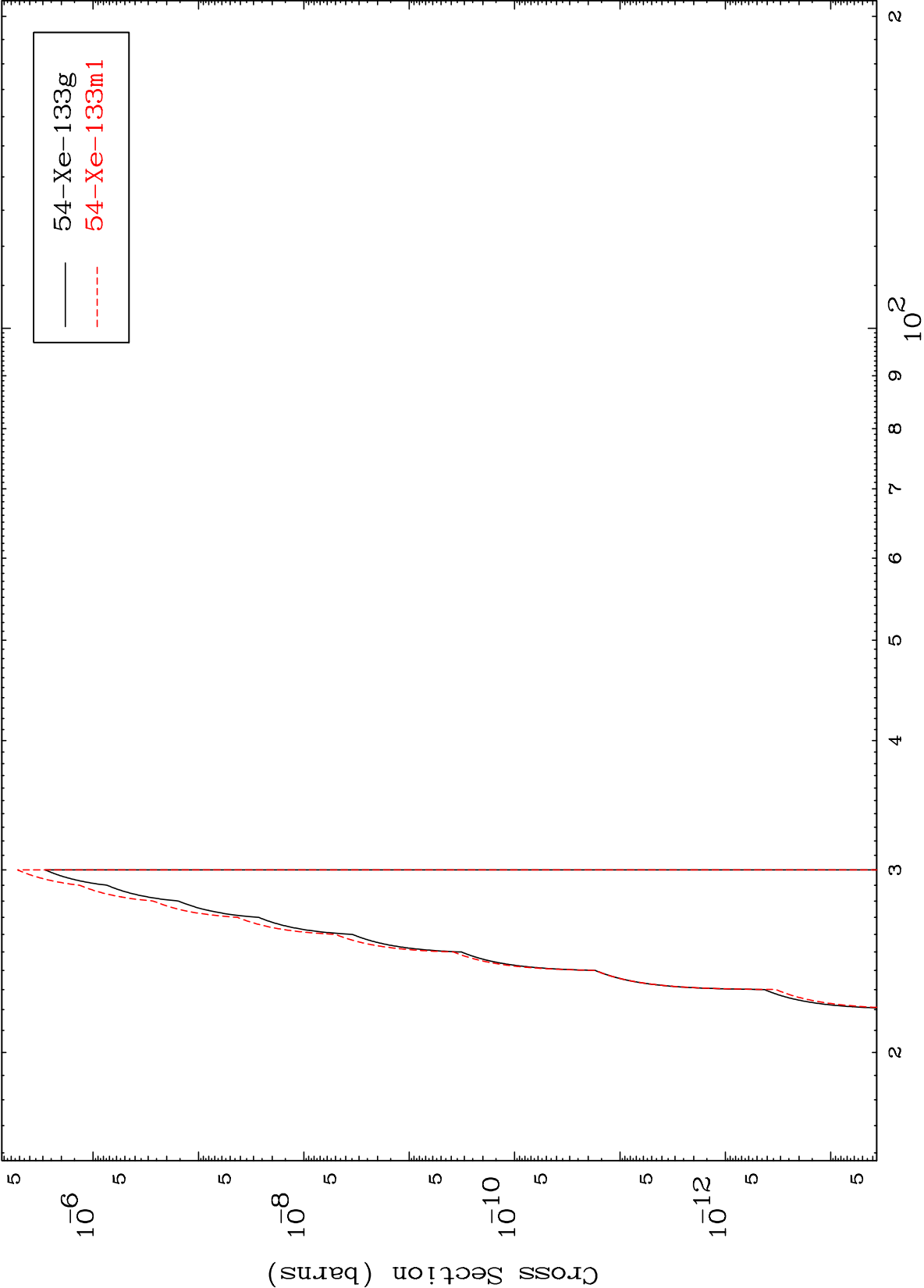


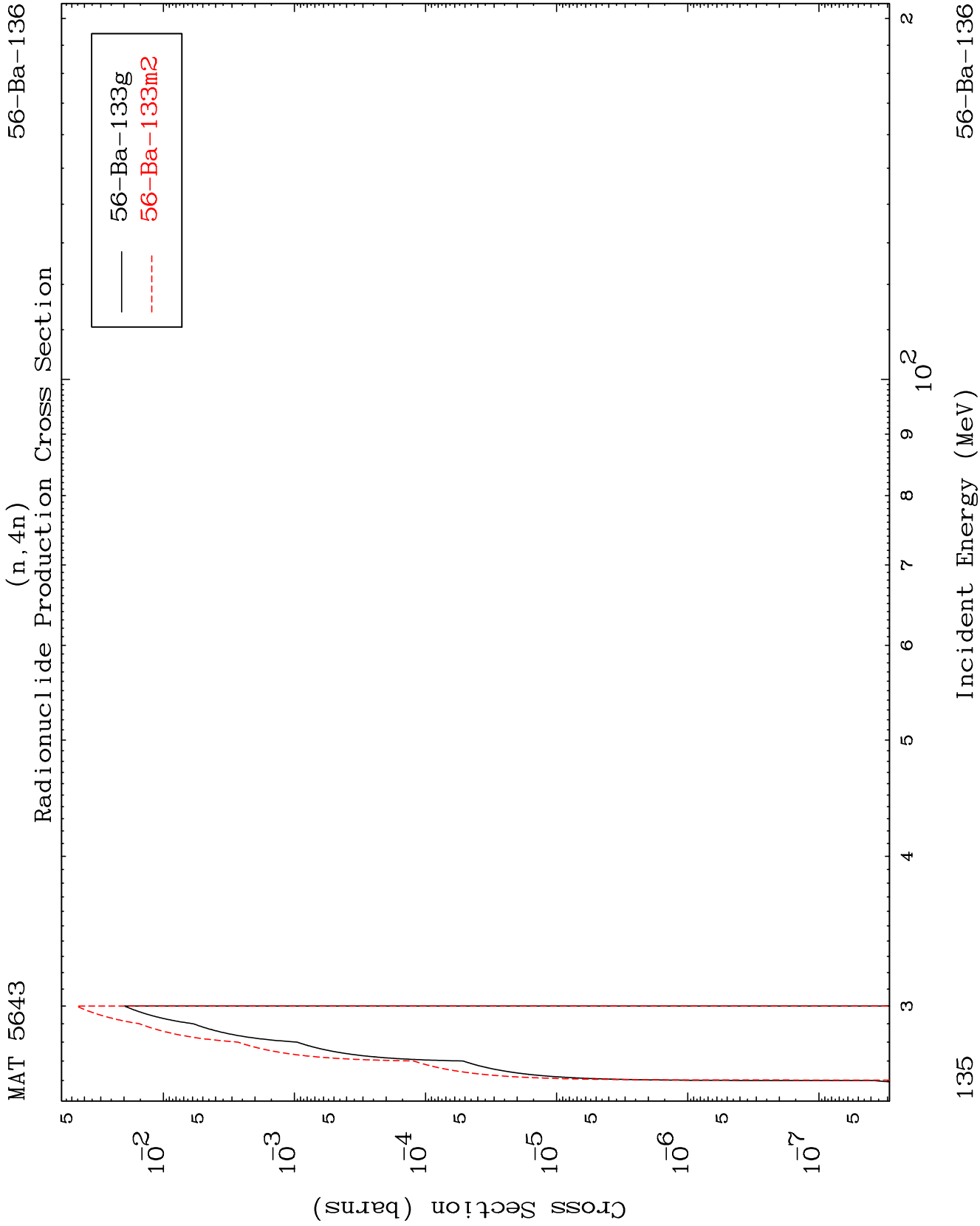


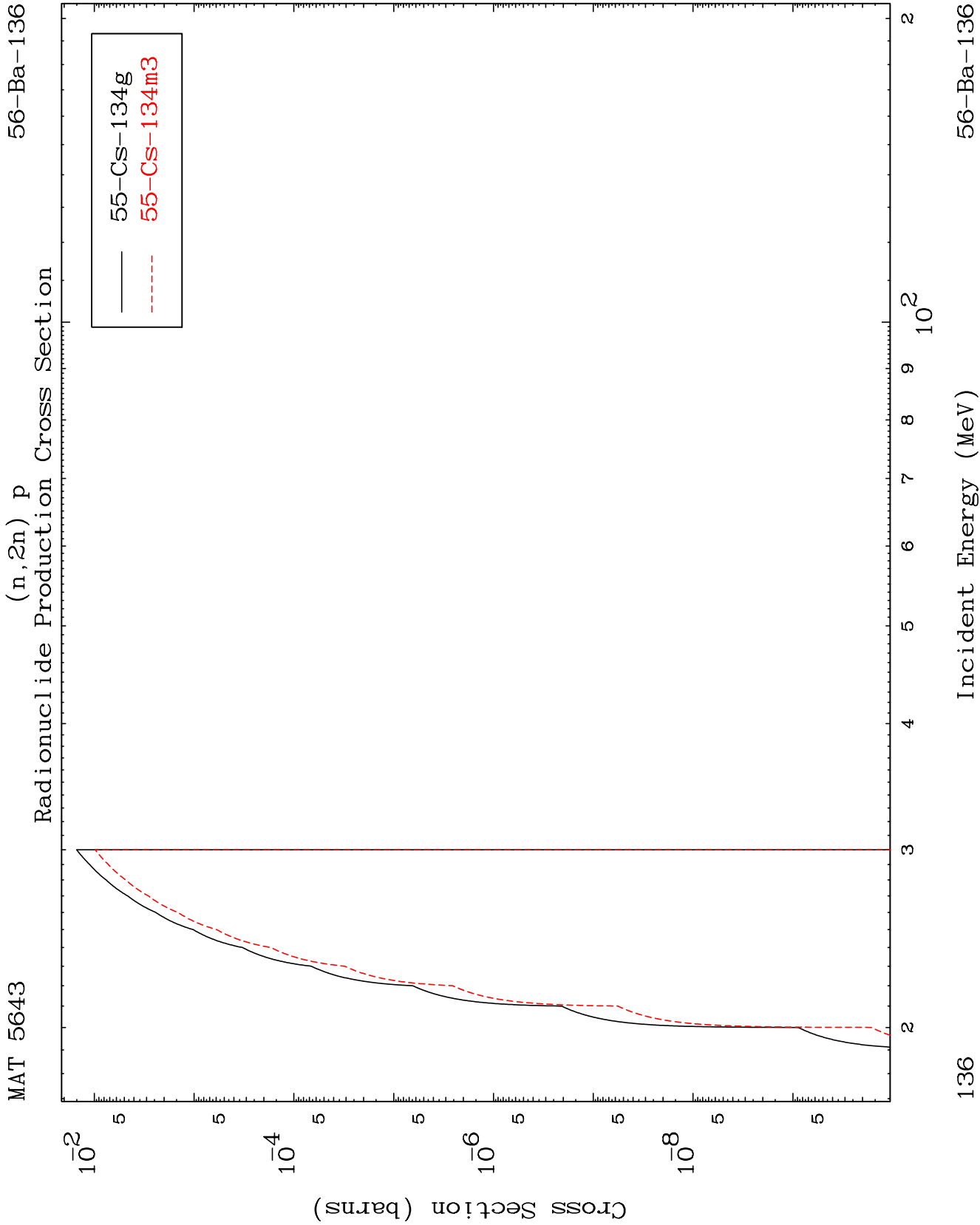




Radionuclide Production Cross Section



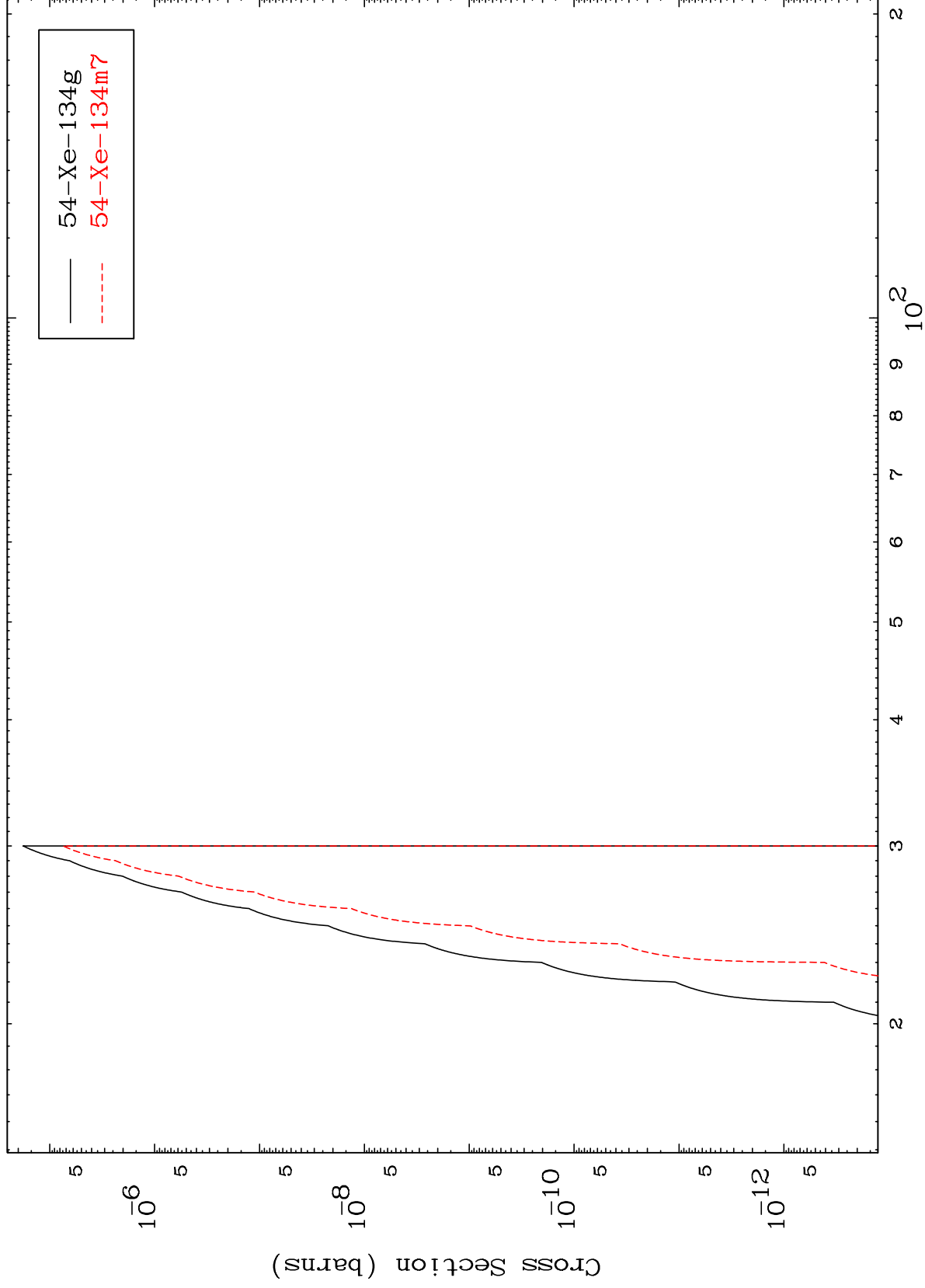




MAT 5643

56-Ba-136

(n,2n) p
Radionuclide Production Cross Section



137

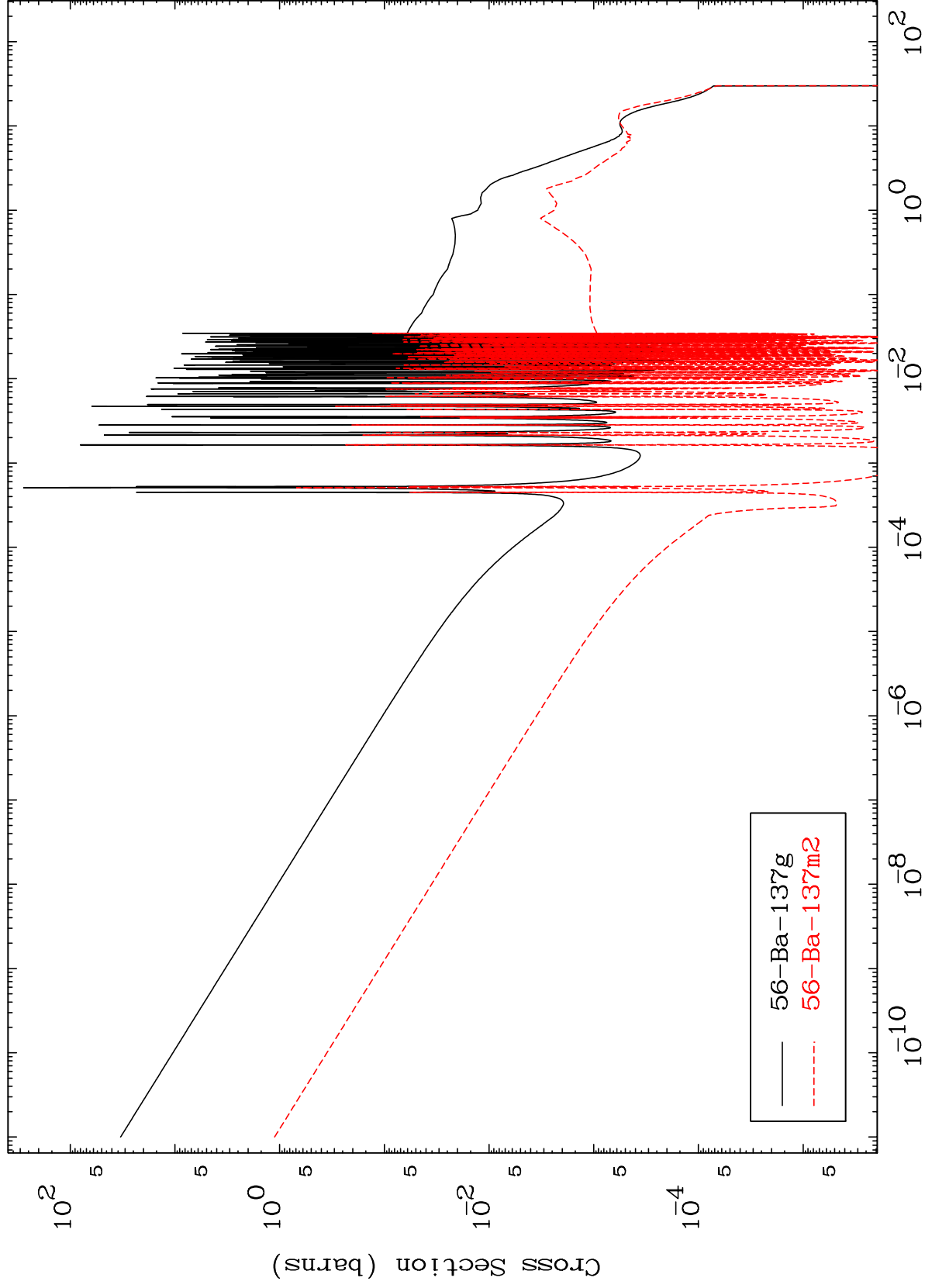
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

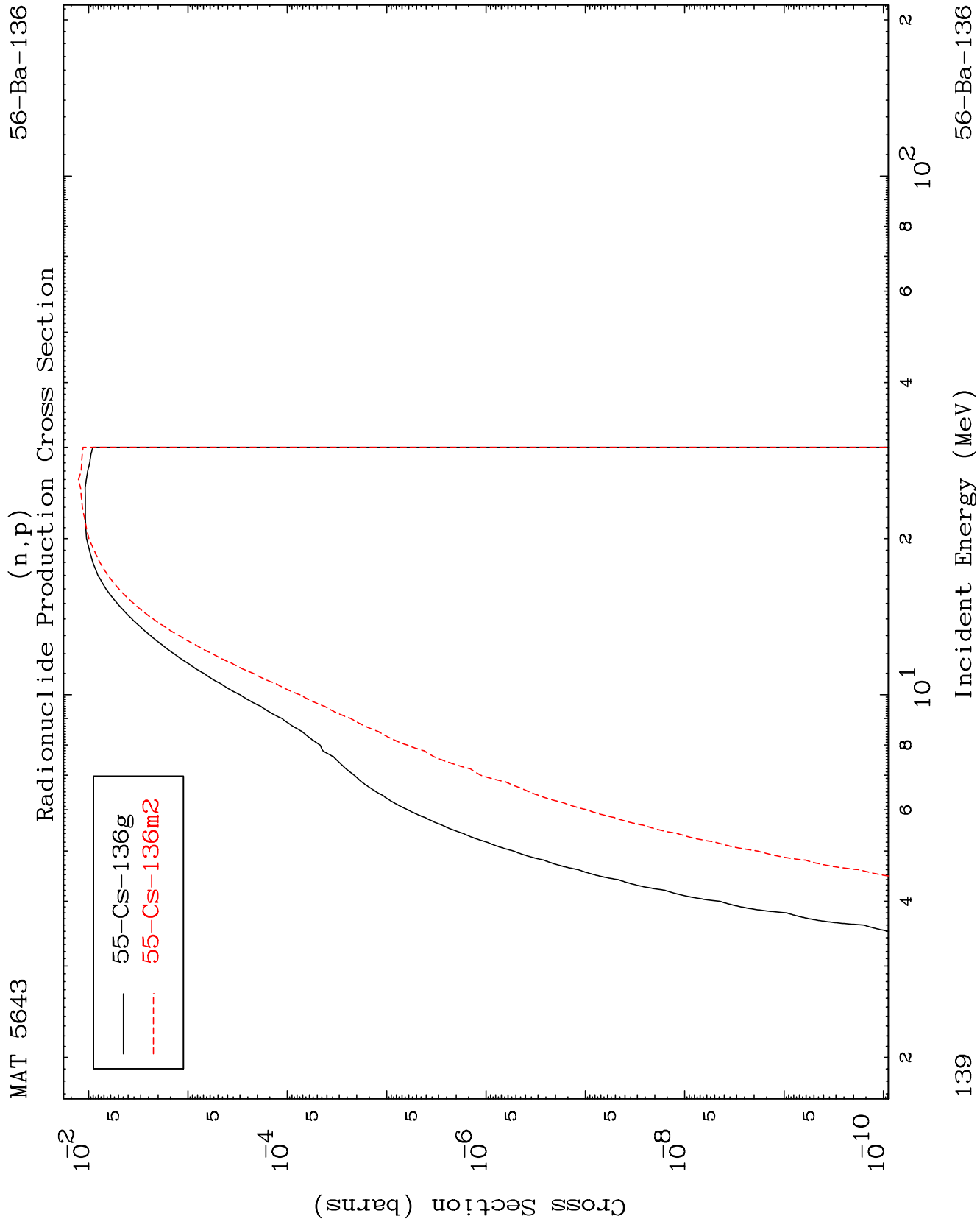
Radionuclide Production Cross Section
(n, γ)

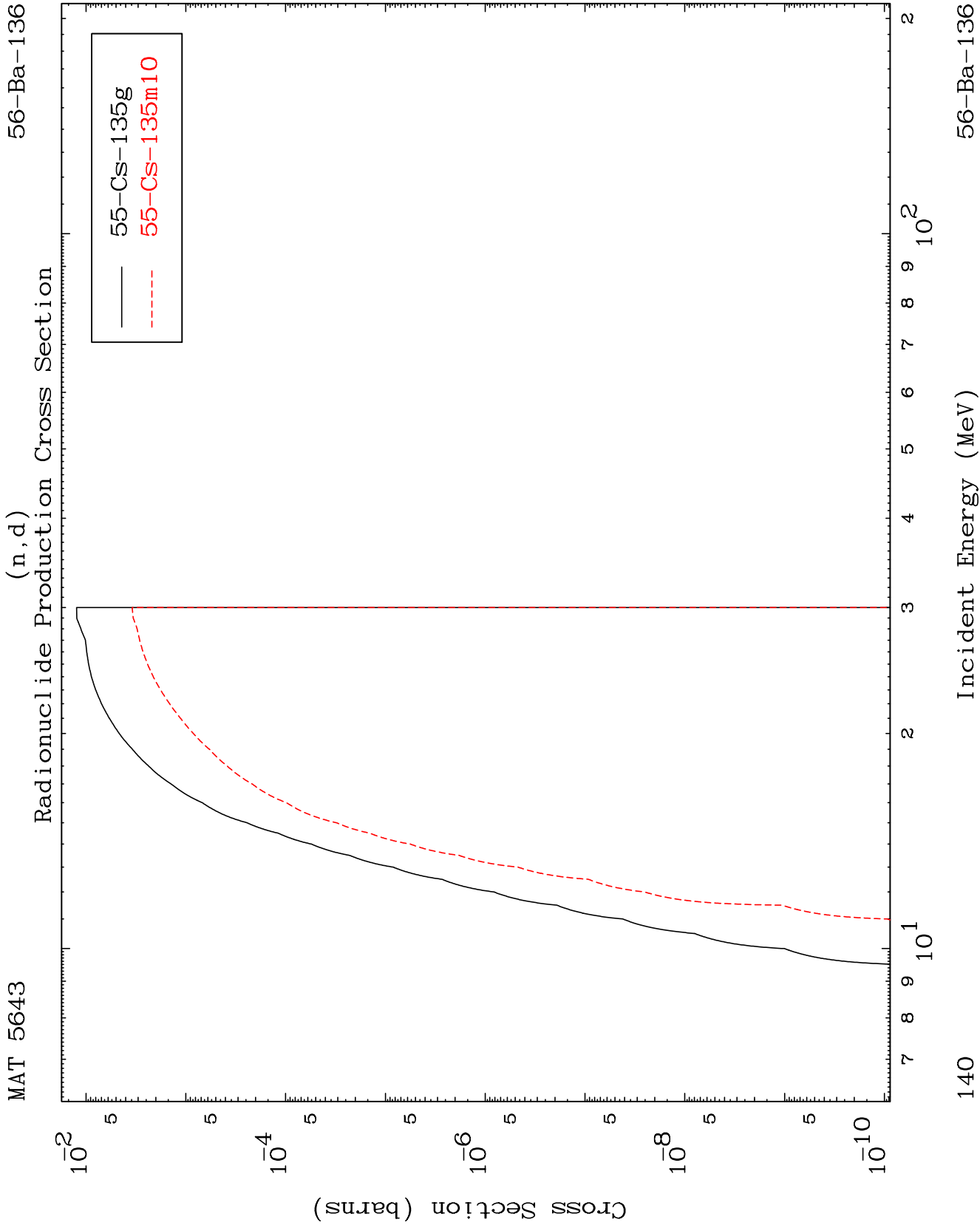


56-Ba-136

Incident Energy (MeV)

138

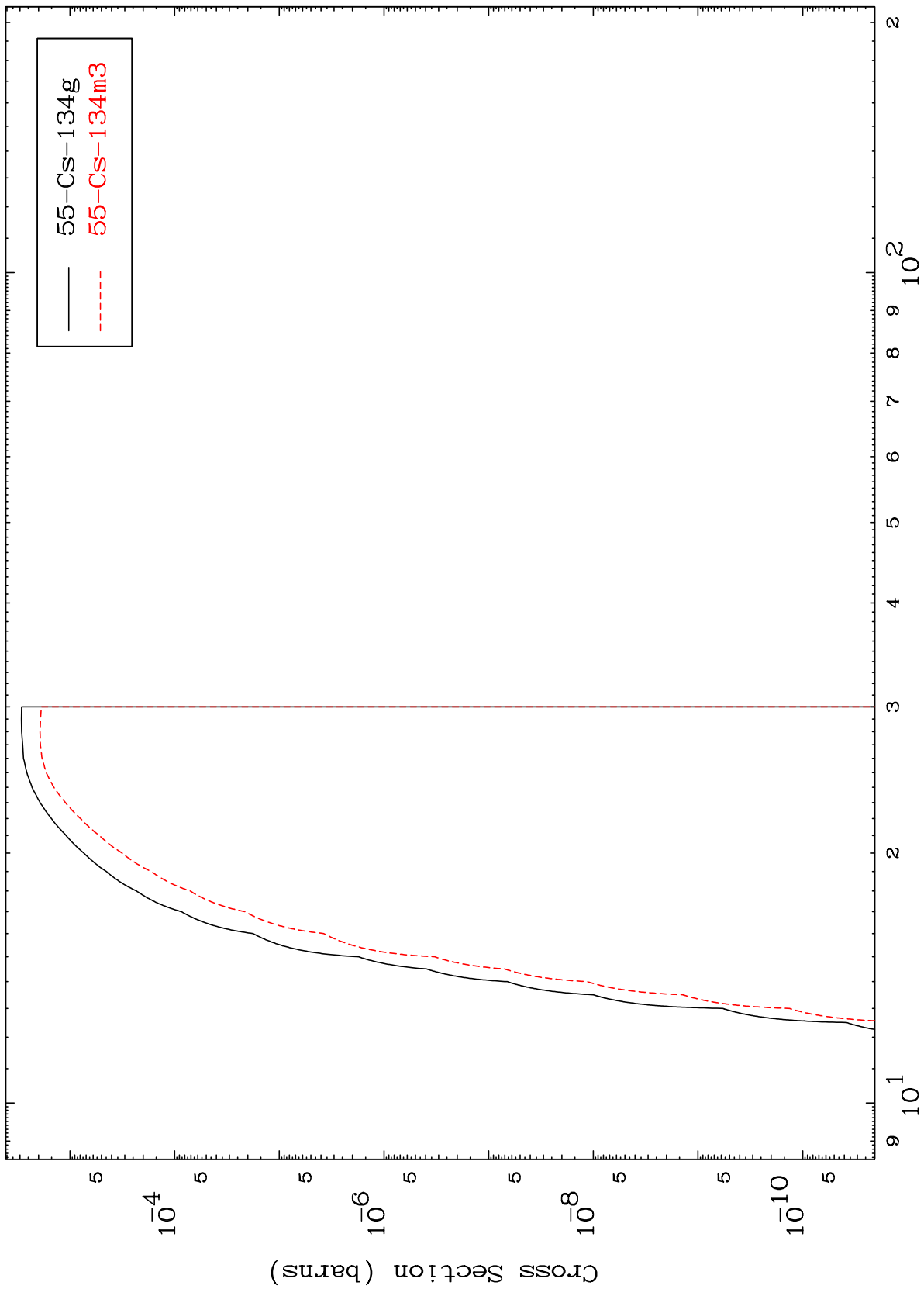




MAT 5643

56-Ba-136

(n,t)
Radionuclide Production Cross Section



141

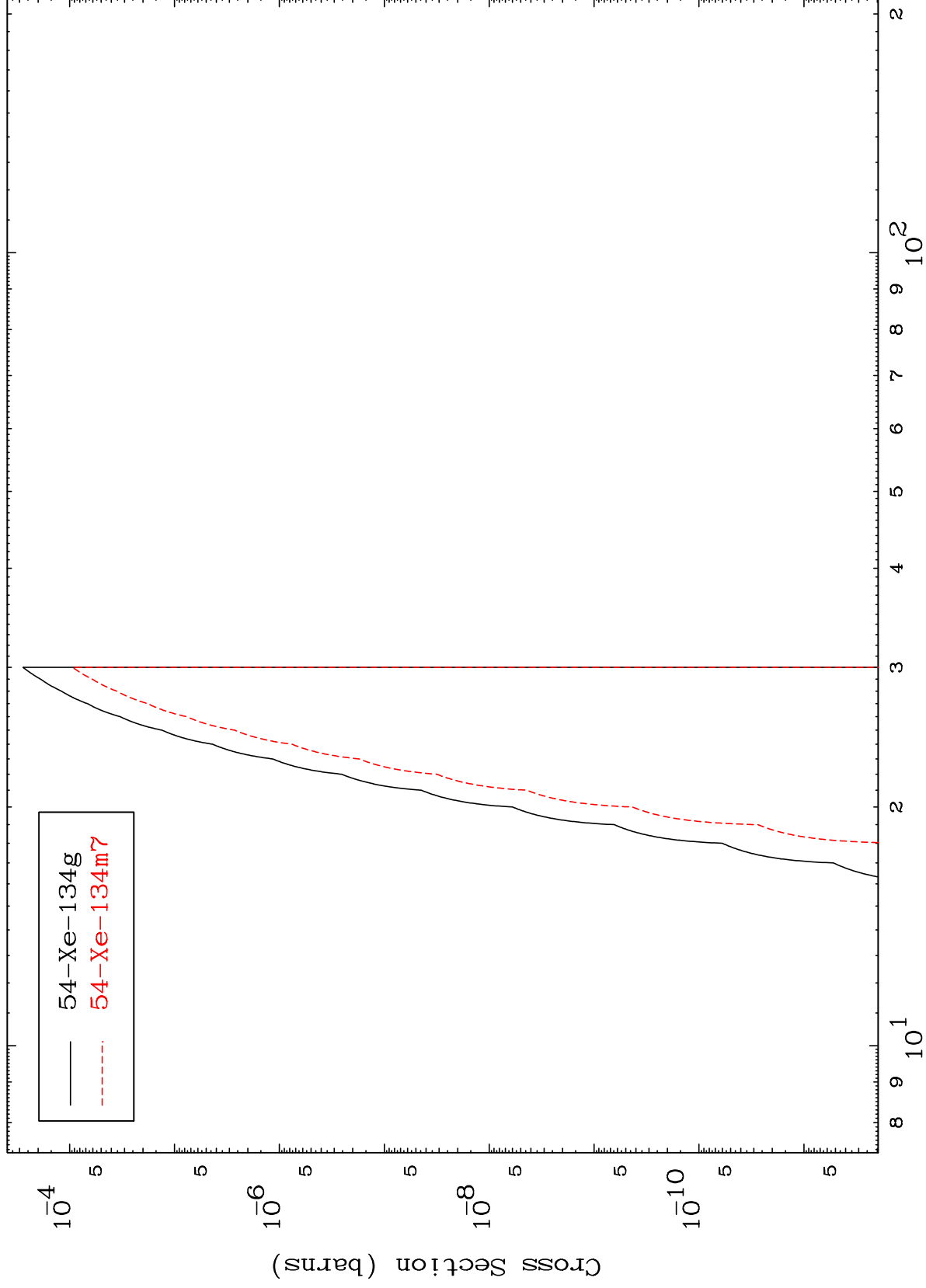
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

Radionuclide Production Cross Section
(n,He-3)



56-Ba-136

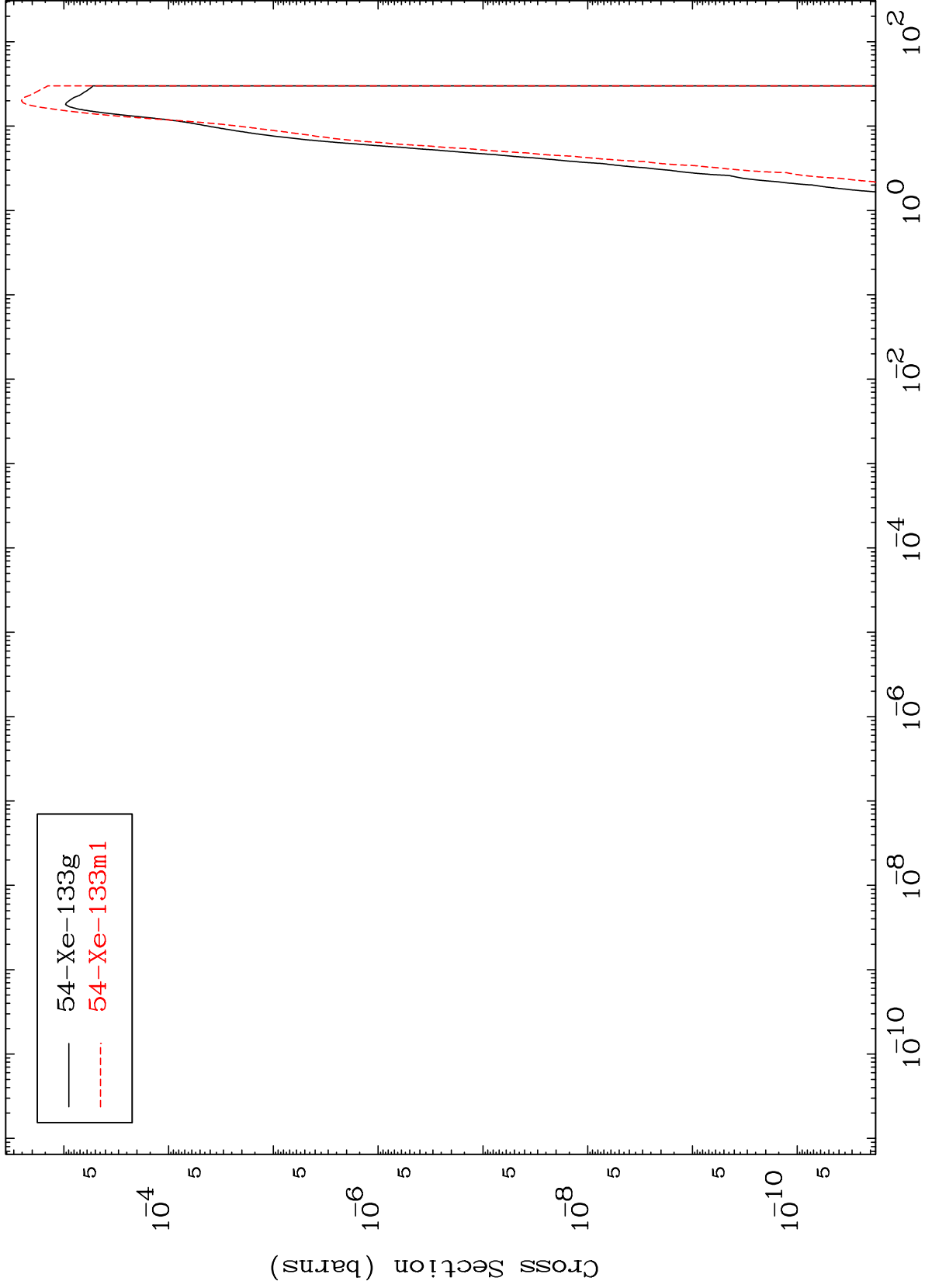
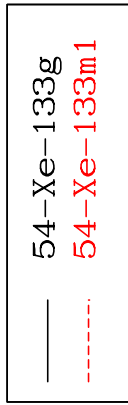
Incident Energy (MeV)

142

MAT 5643

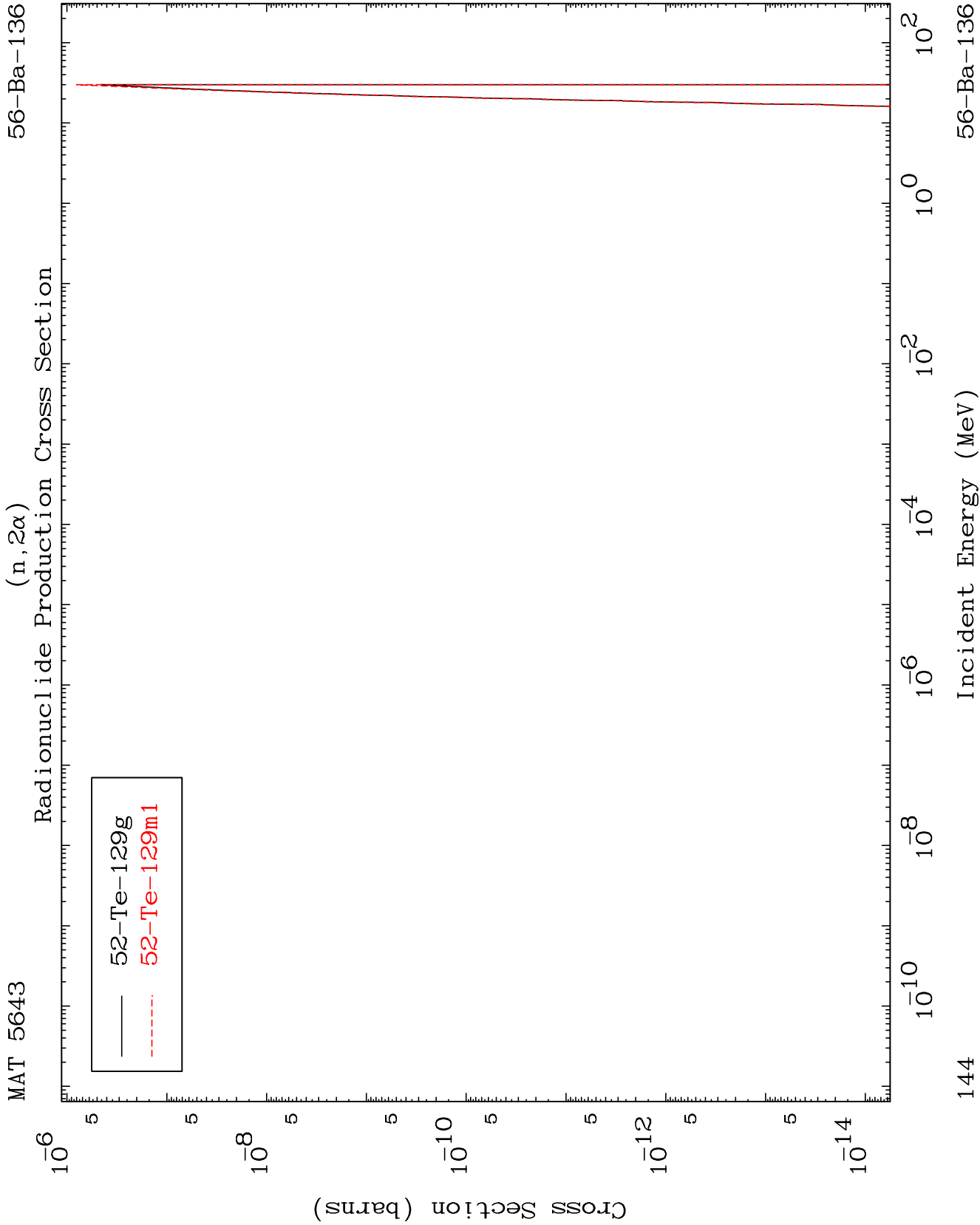
56-Ba-136

Radionuclide Production Cross Section



143

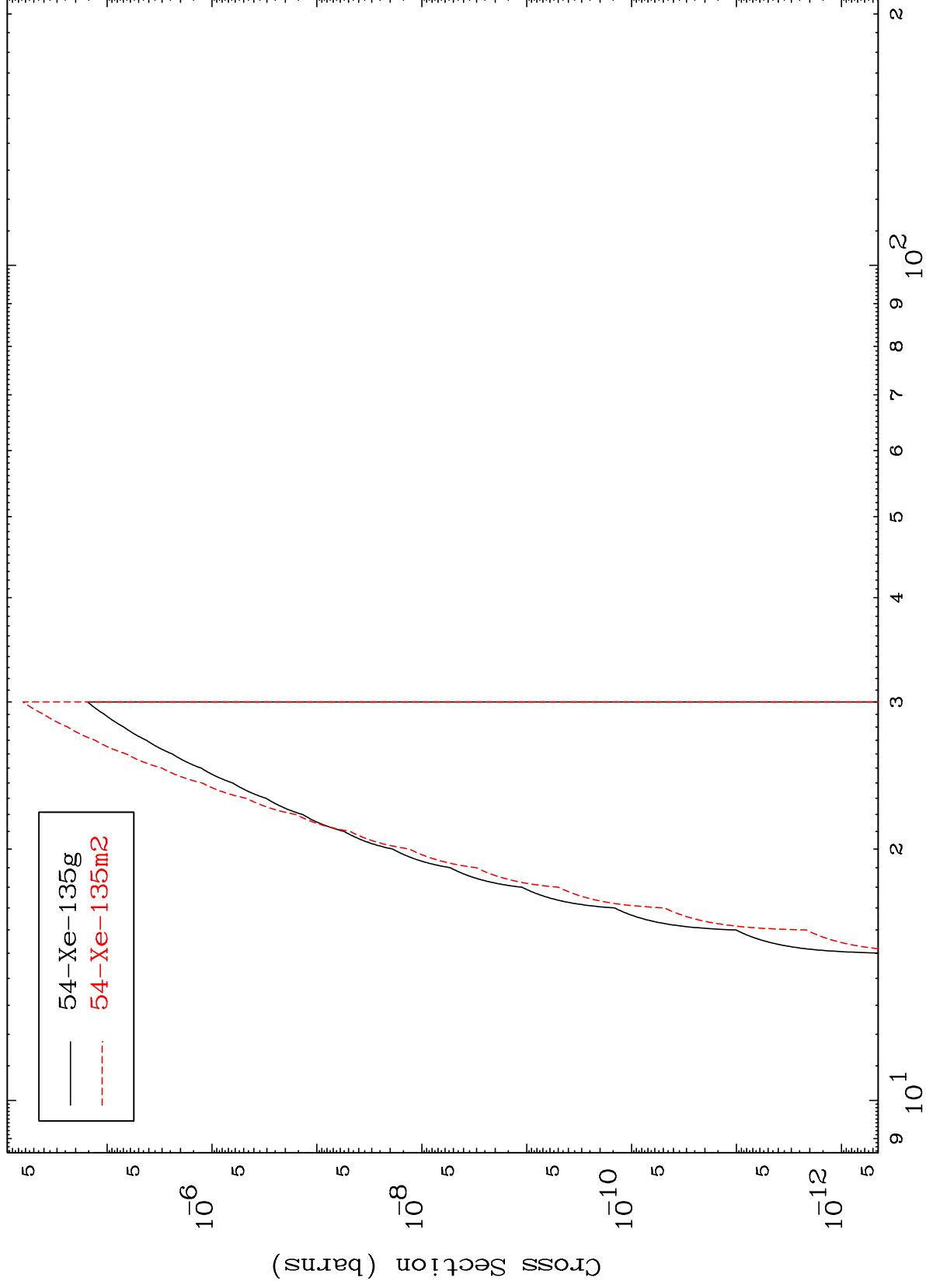
56-Ba-136



MAT 5643

56-Ba-136

(n,2p)
Radionuclide Production Cross Section



56-Ba-136

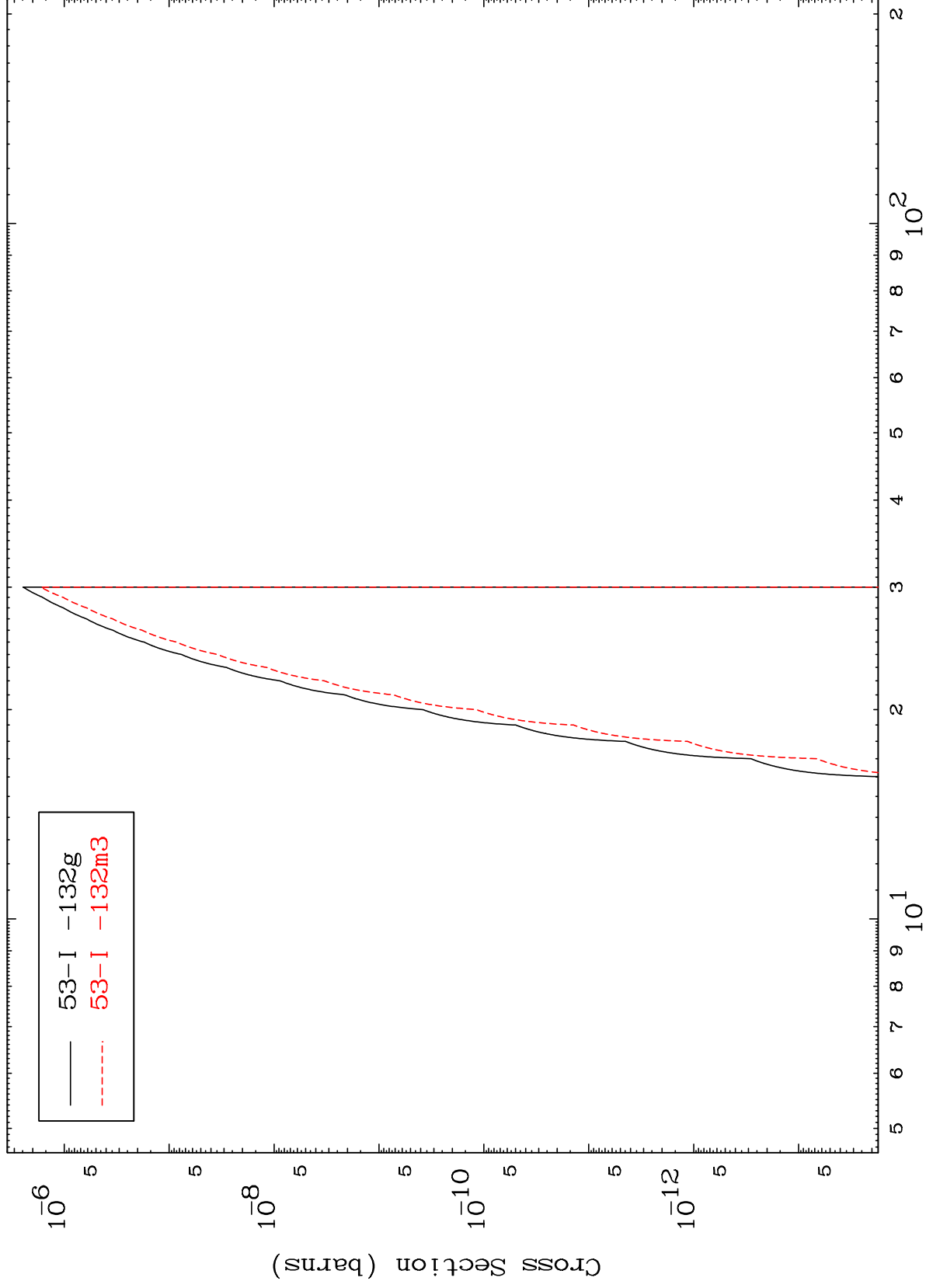
Incident Energy (MeV)

145

MAT 5643

56-Ba-136

(n,p) α
Radionuclide Production Cross Section



146

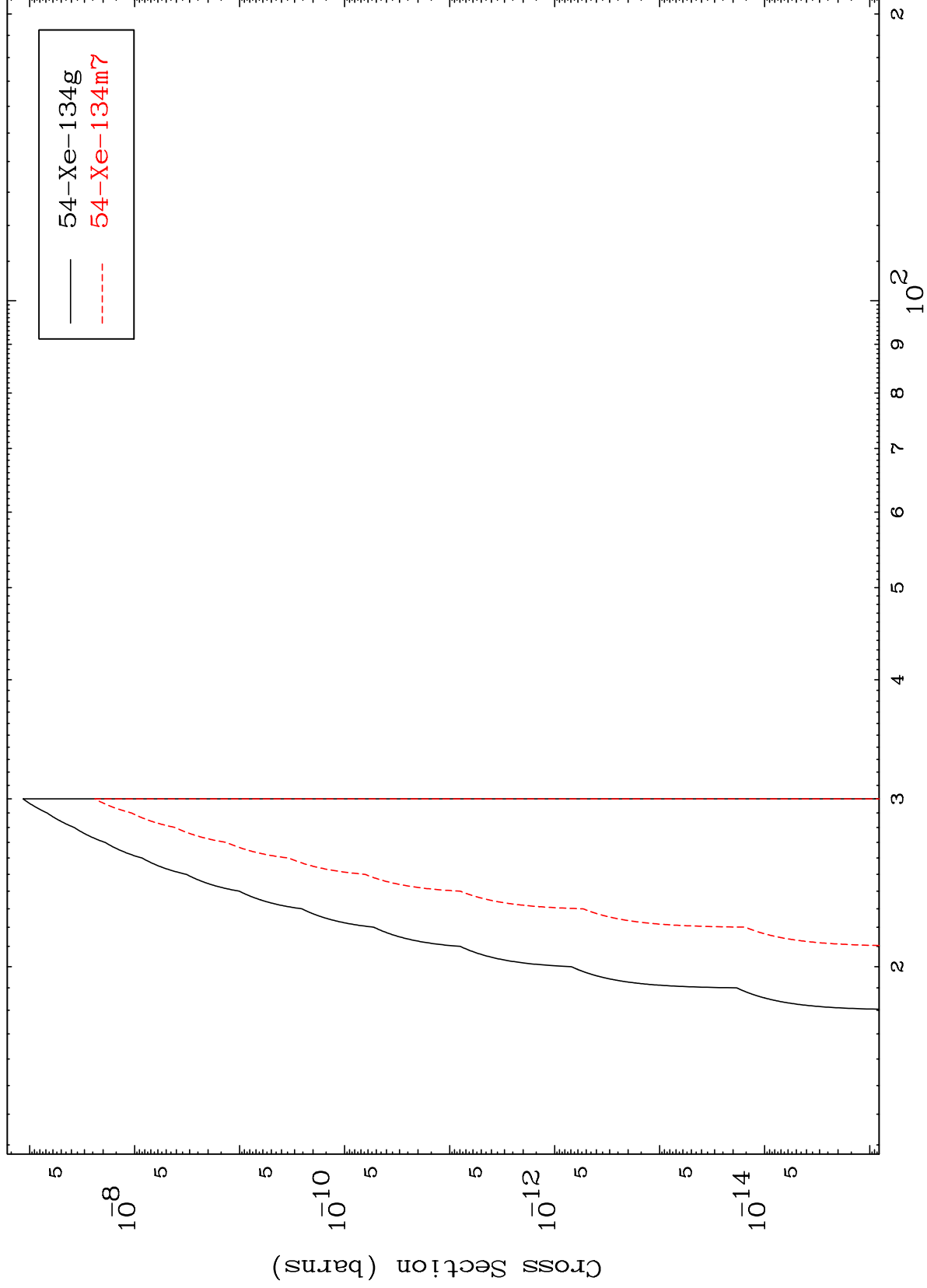
Incident Energy (MeV)

56-Ba-136

MAT 5643

56-Ba-136

(n,p) d
Radionuclide Production Cross Section



147

Incident Energy (MeV)

56-Ba-136

Radionuclide Production Cross Section

