

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

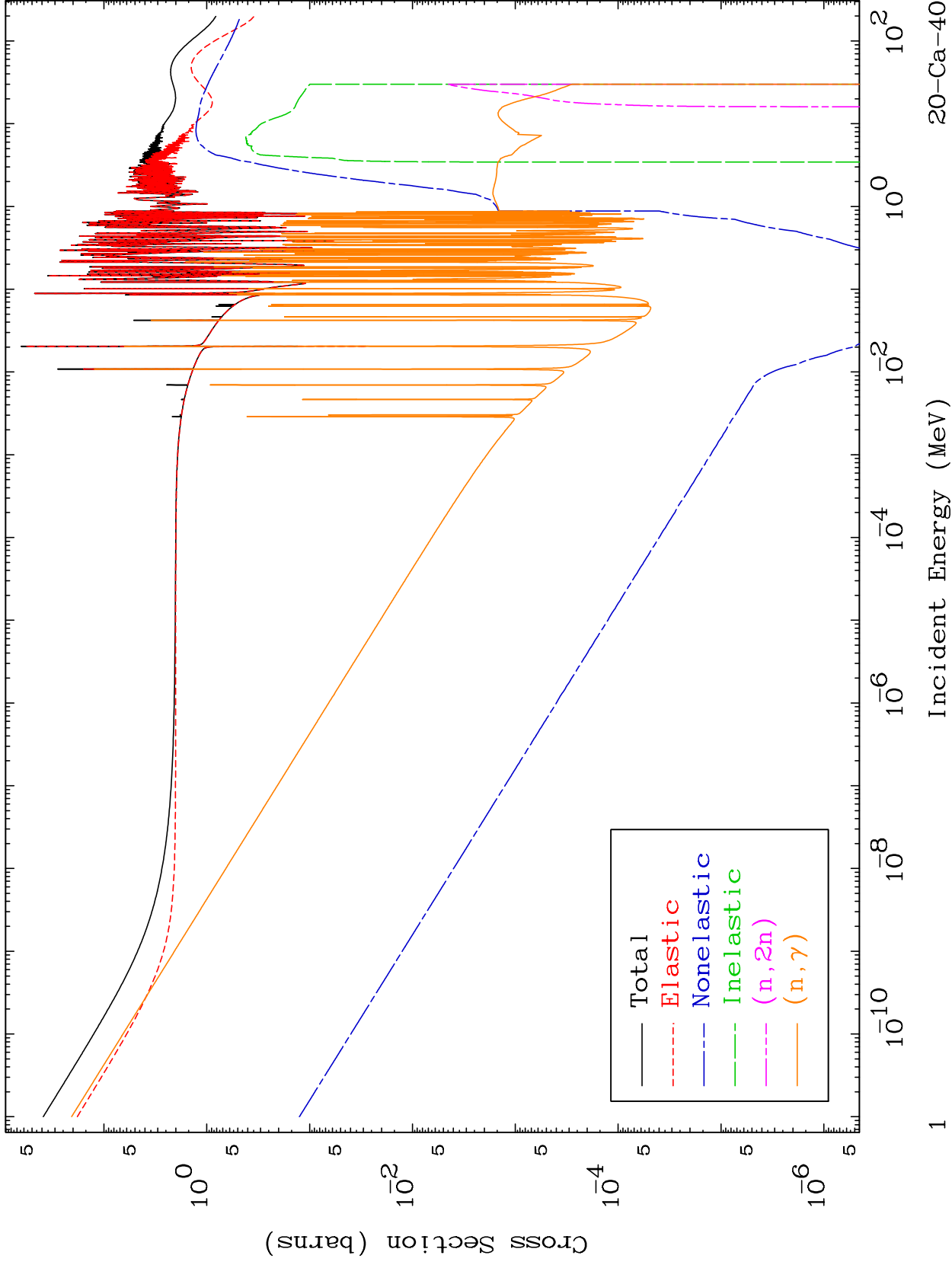
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

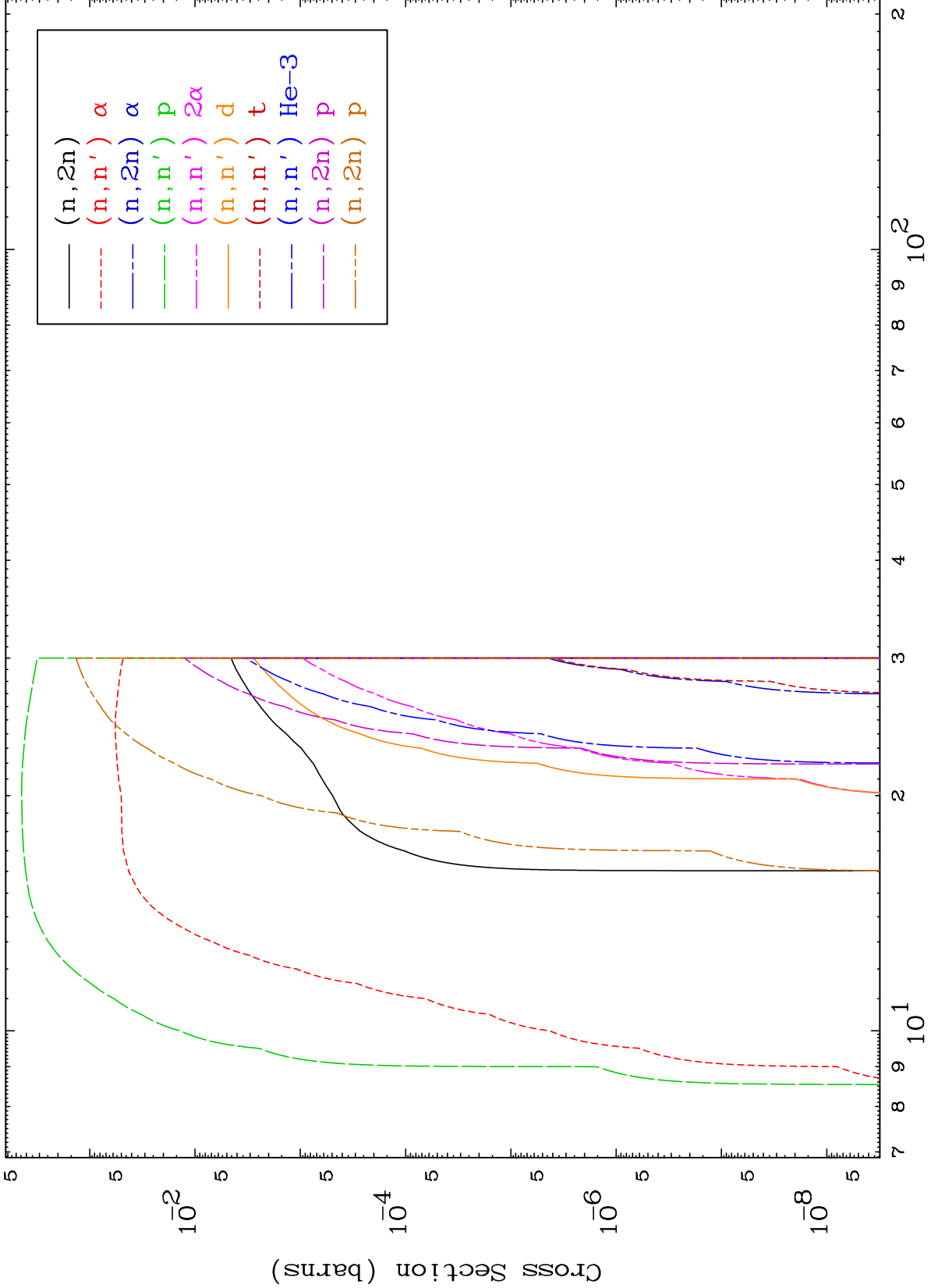
MAT 2025

Neutron Major
293 Kelvin Cross Sections

20-Ca-40



Neutron Absorption
293 Kelvin Cross Sections

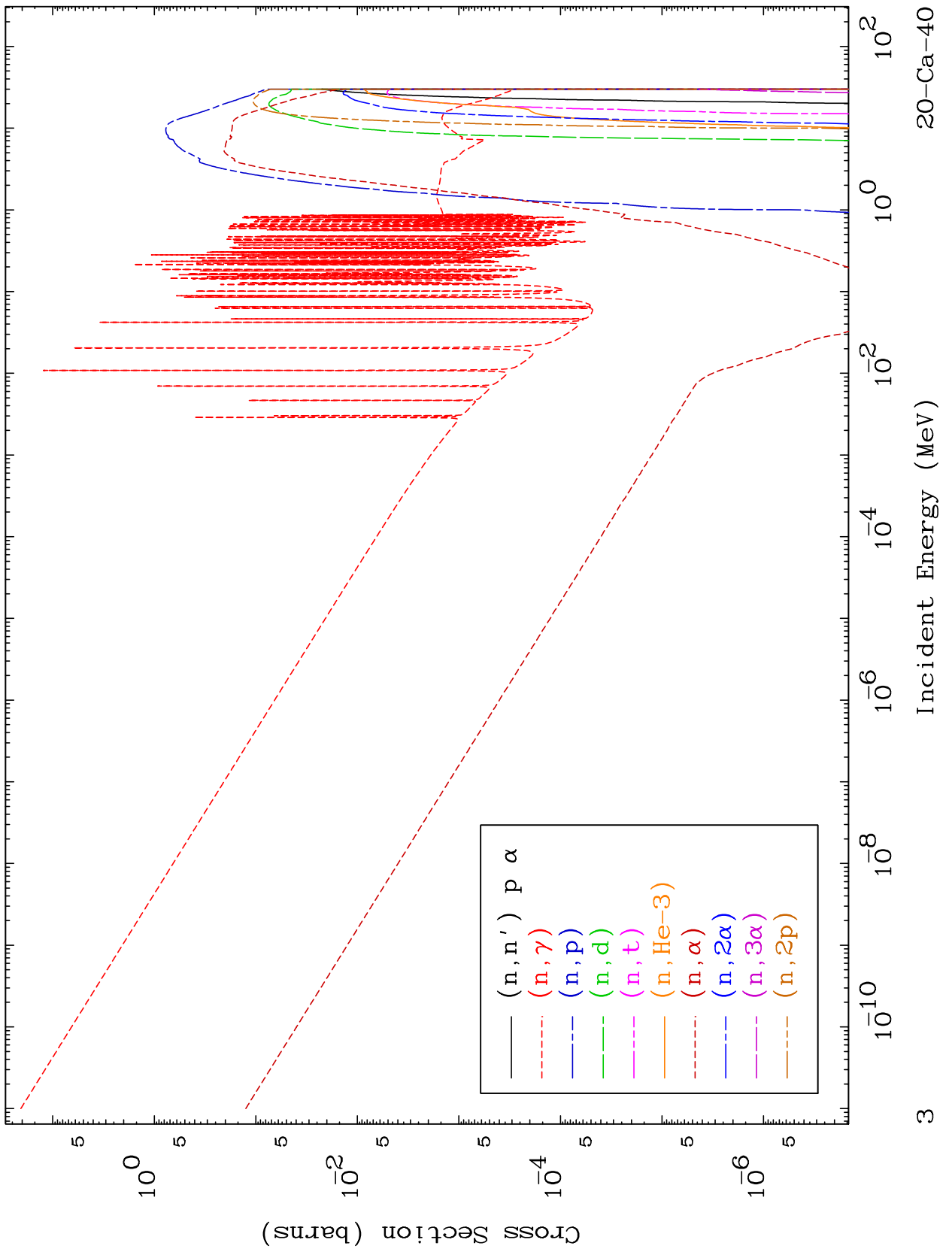


Incident Energy (MeV)

MAT 2025

Neutron Absorption
293 Kelvin Cross Sections

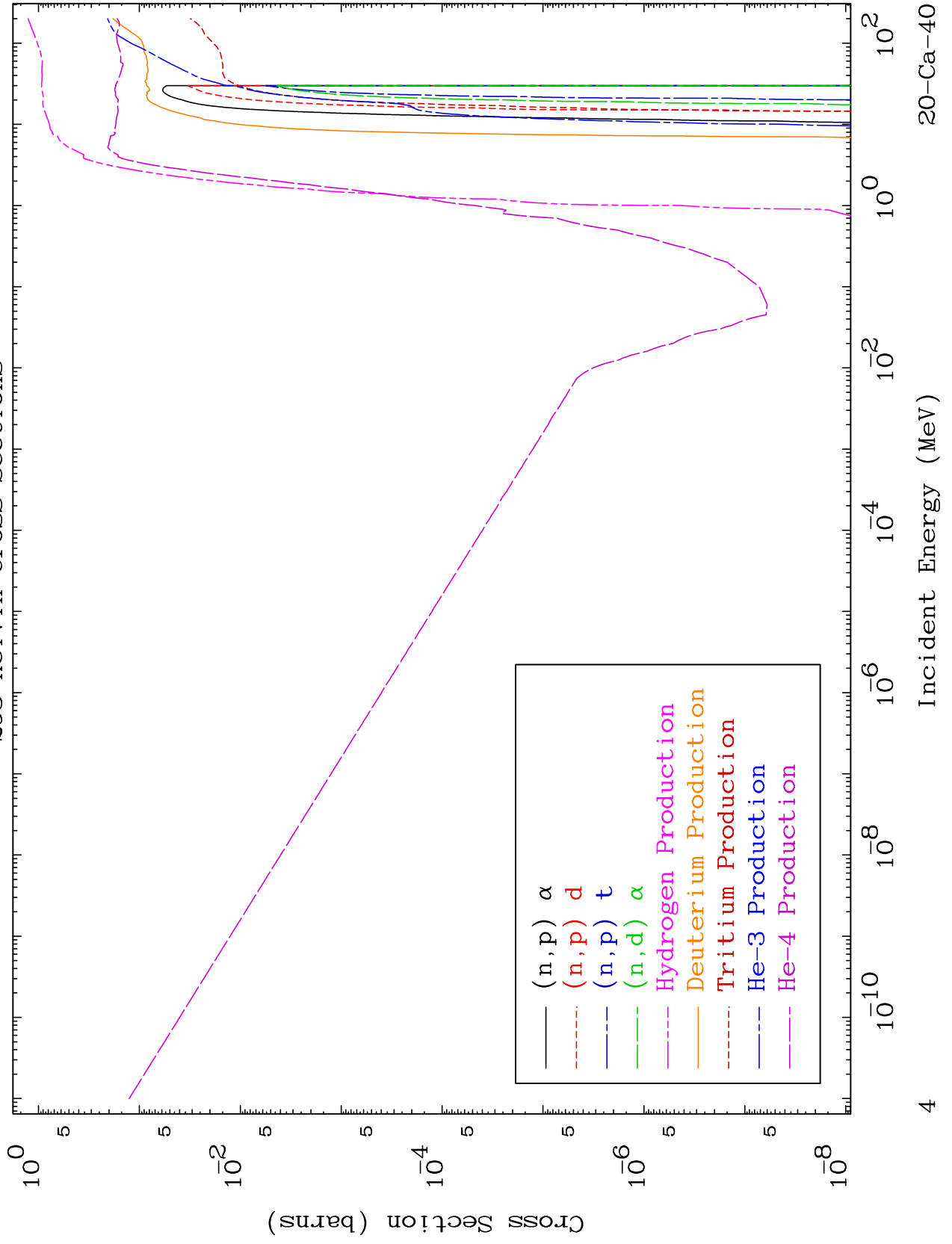
20-Ca-40

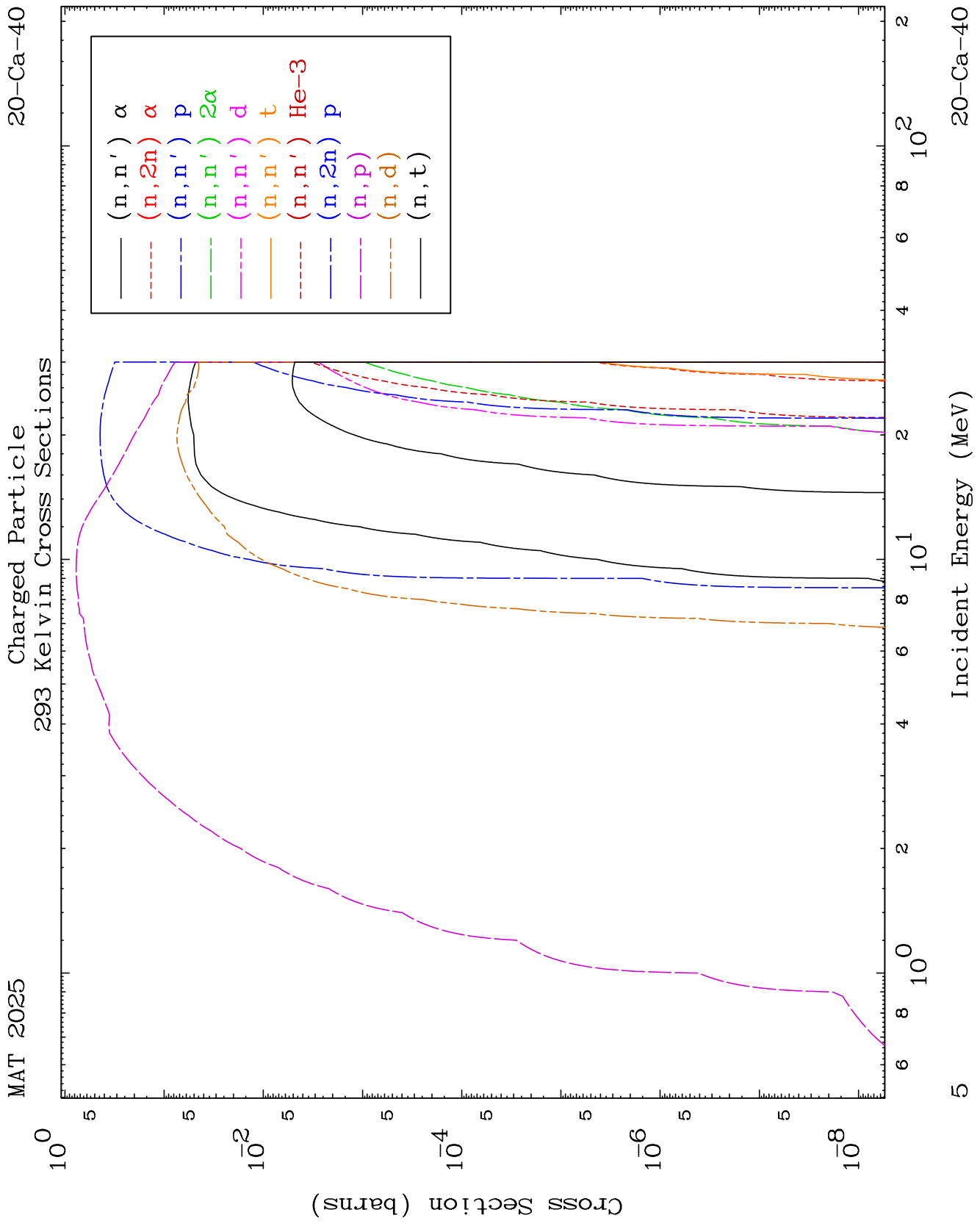


MAT 2025

Neutron Absorption
293 Kelvin Cross Sections

20-Ca-40

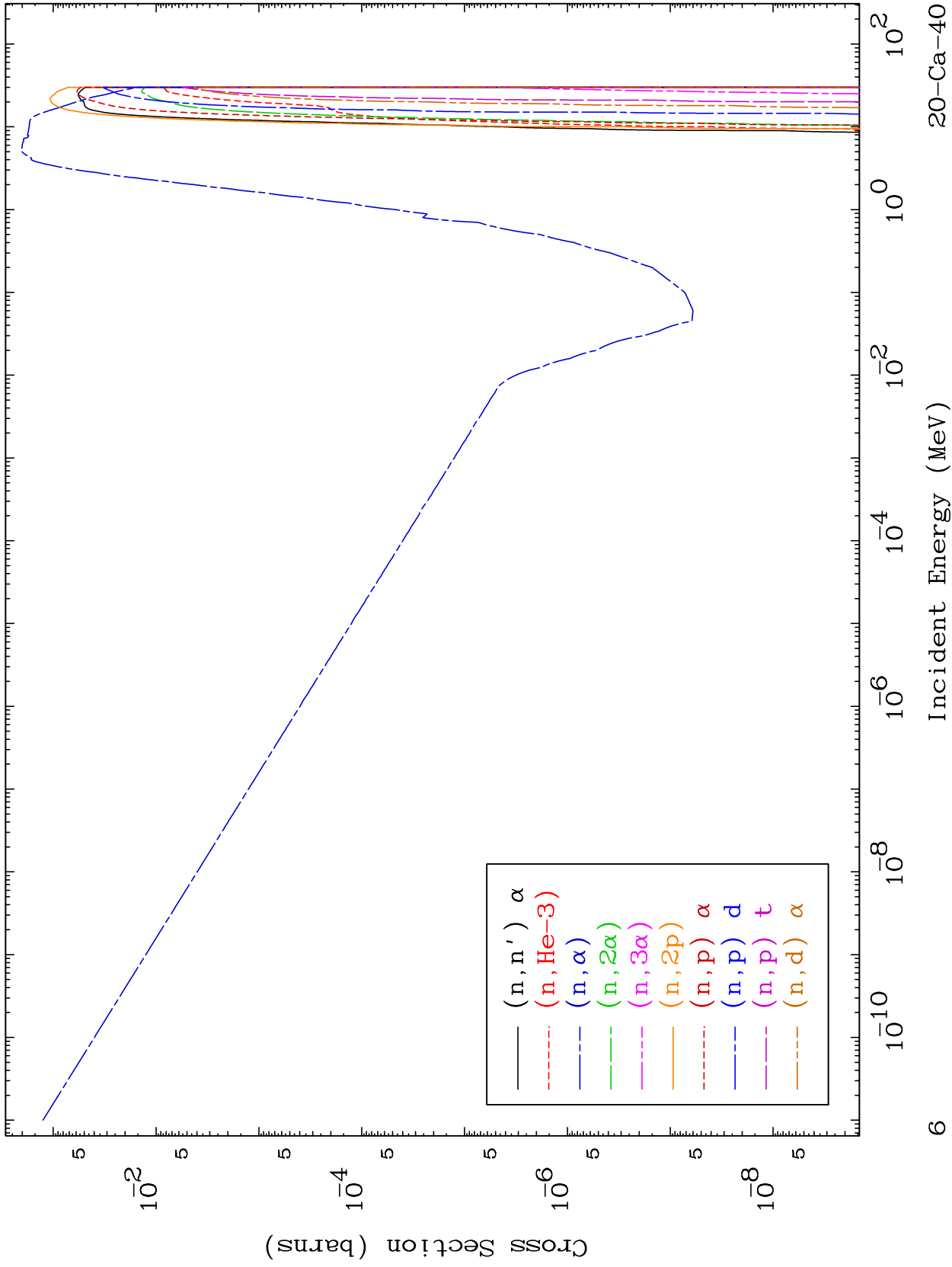


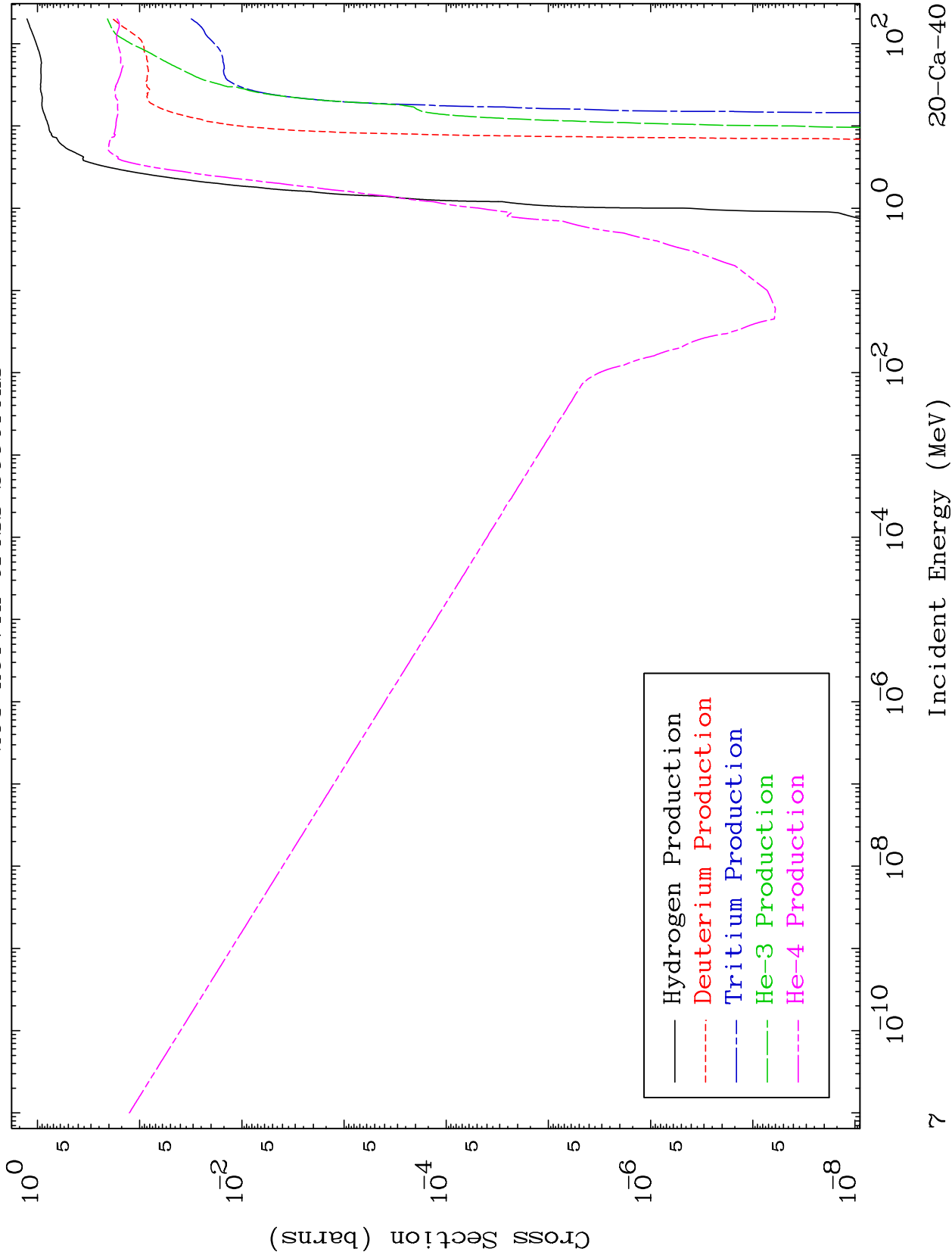


MAT 2025

Charged Particle
293 Kelvin Cross Sections

20-Ca-40



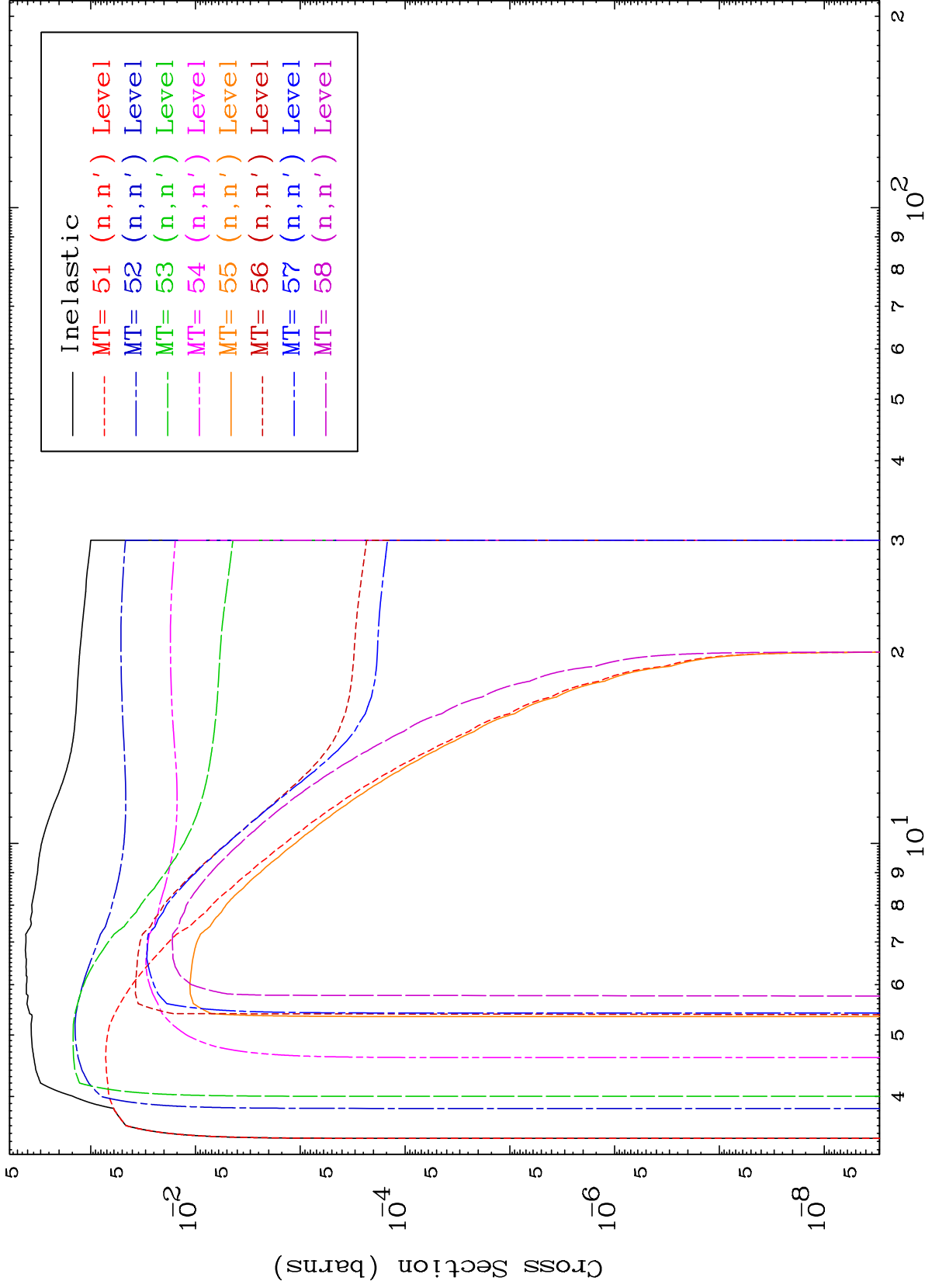


MAT 2025

(n,n') Levels

20-Ca-40

293 Kelvin Cross Sections



8

Incident Energy (MeV)

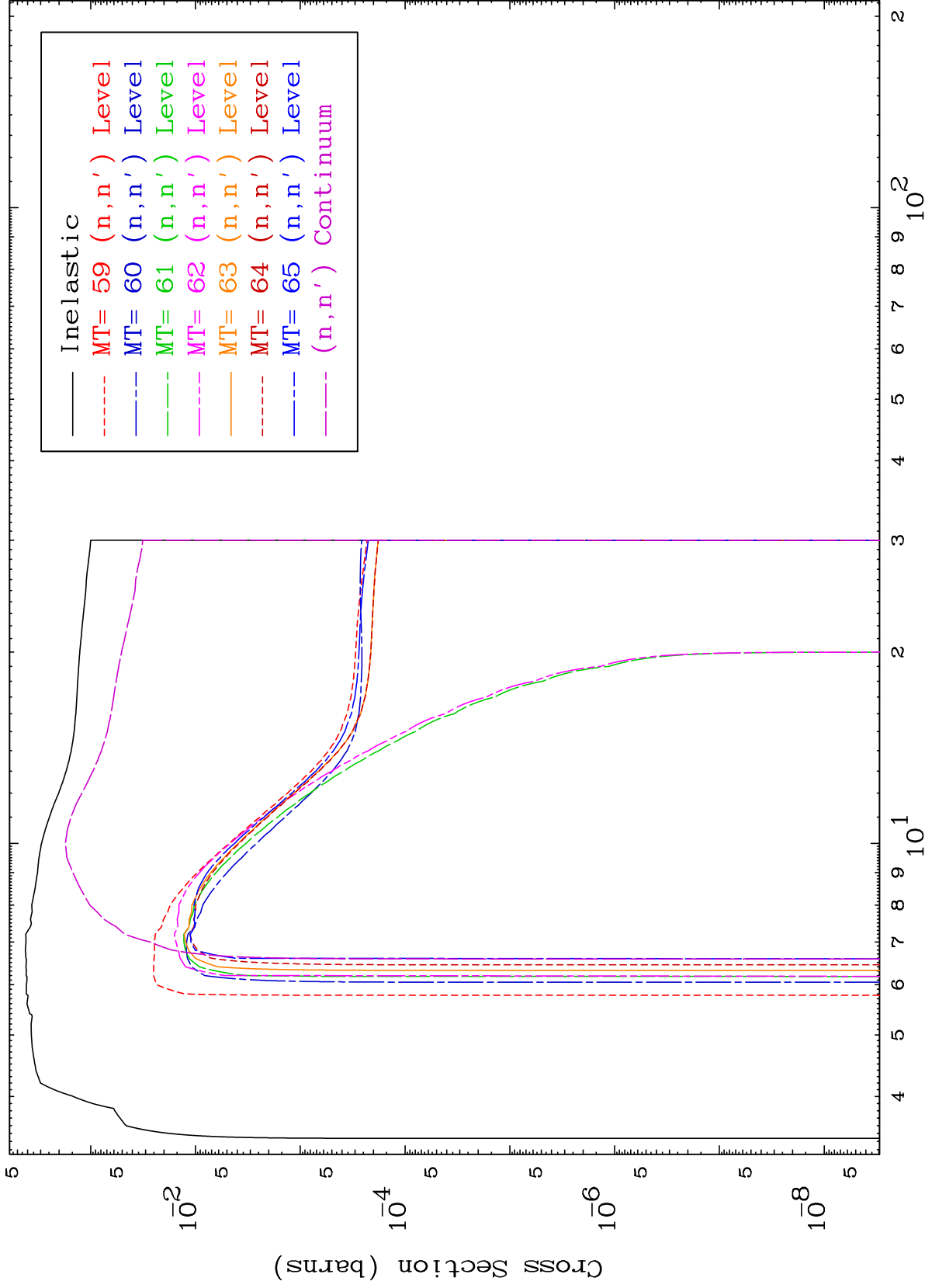
20-Ca-40

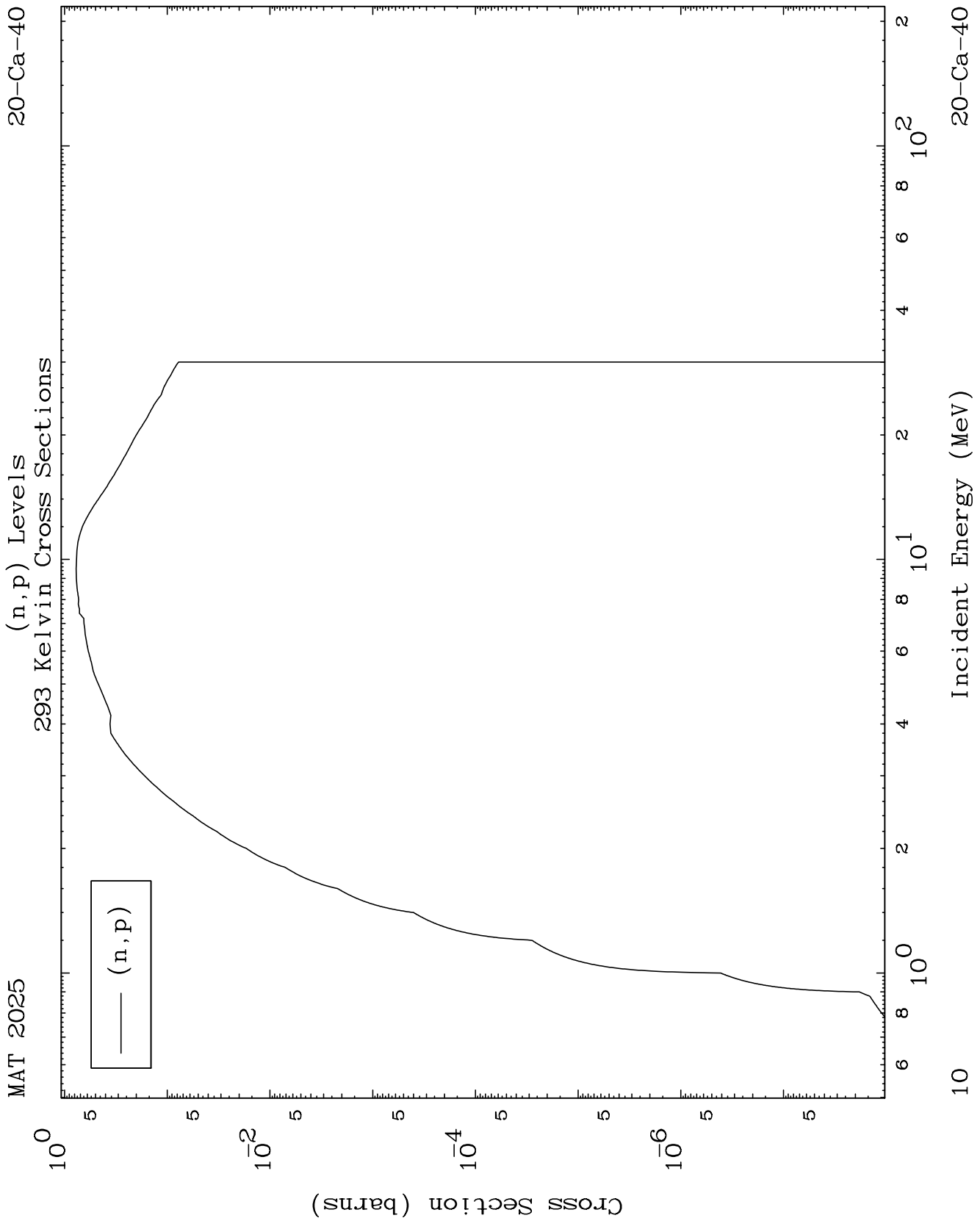
MAT 2025

(n,n') Levels

20-Ca-40

293 Kelvin Cross Sections

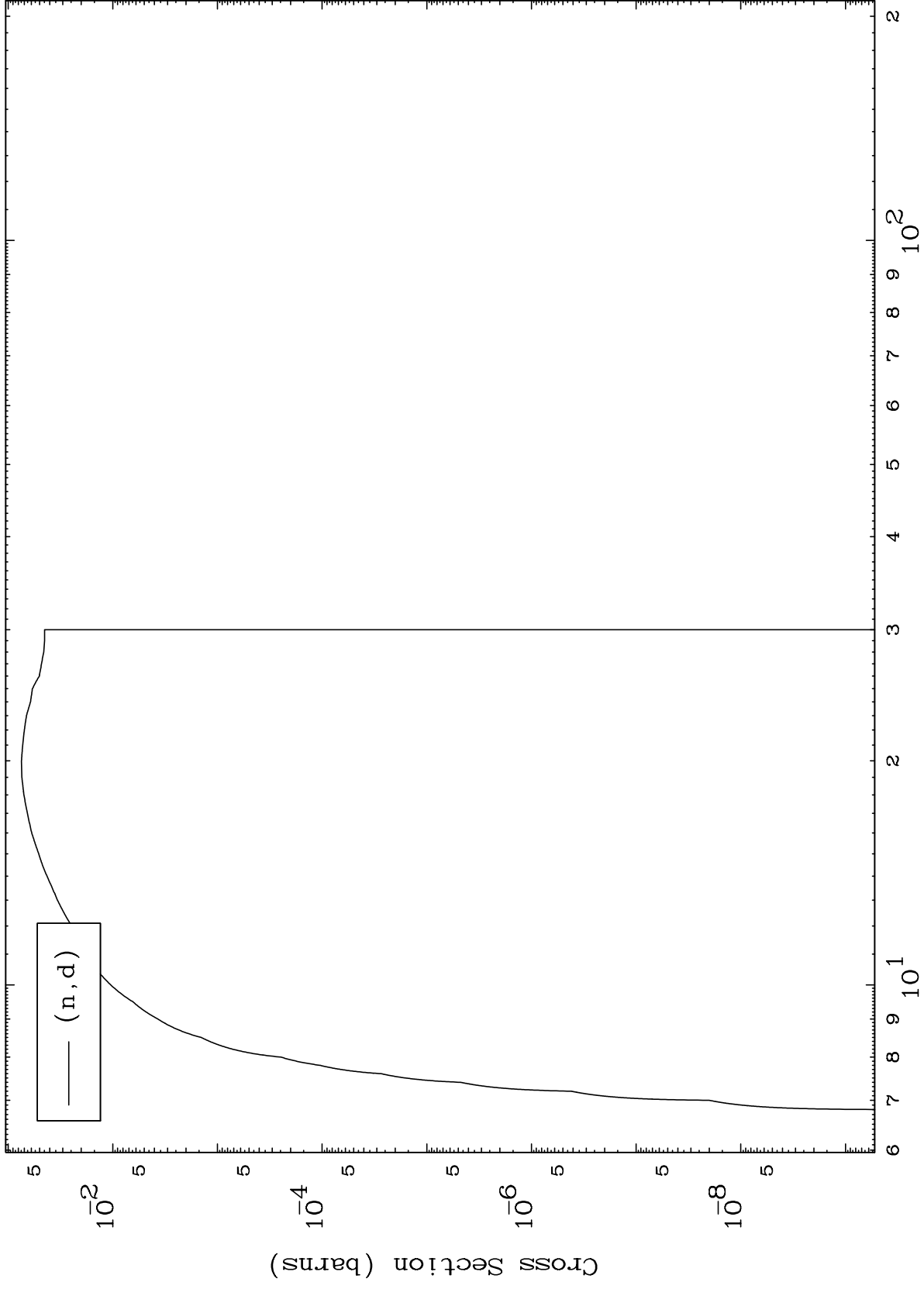




MAT 2025

(n,d) Levels
293 Kelvin Cross Sections

20-Ca-40



11

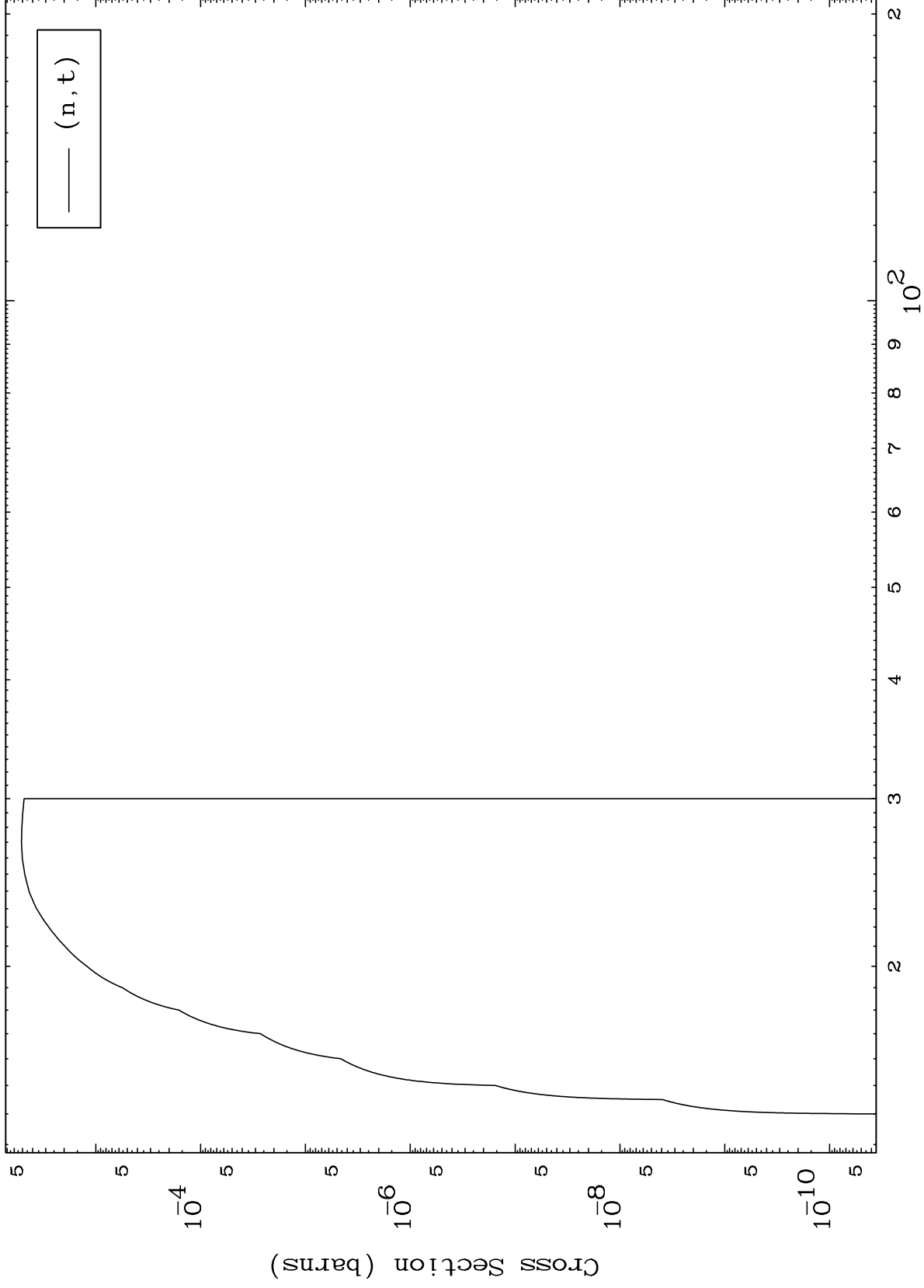
Incident Energy (MeV)

20-Ca-40

MAT 2025

(n,t) Levels
293 Kelvin Cross Sections

20-Ca-40



12

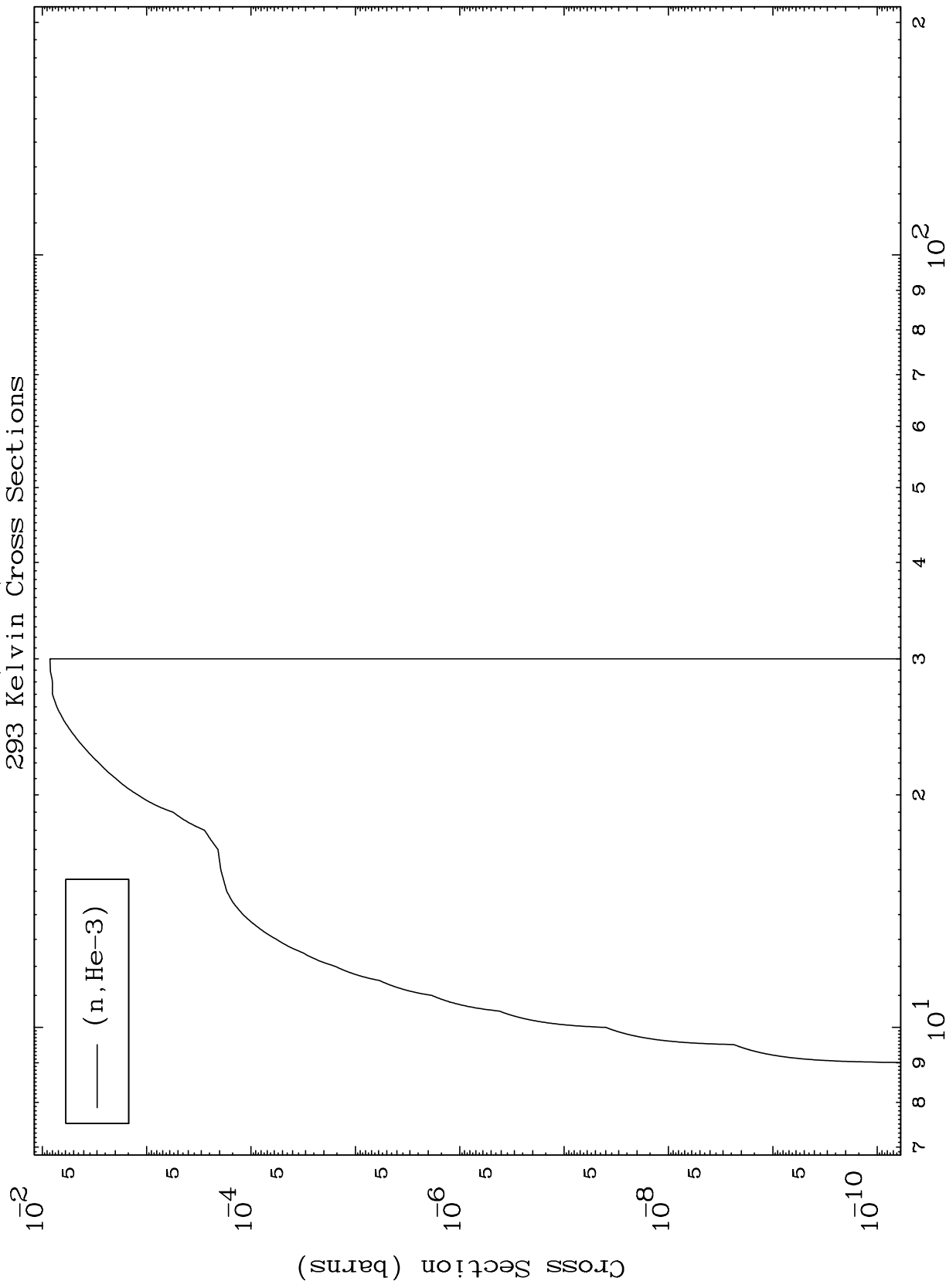
Incident Energy (MeV)

20-Ca-40

MAT 2025

(n,He3) Levels
293 Kelvin Cross Sections

20-Ca-40



13

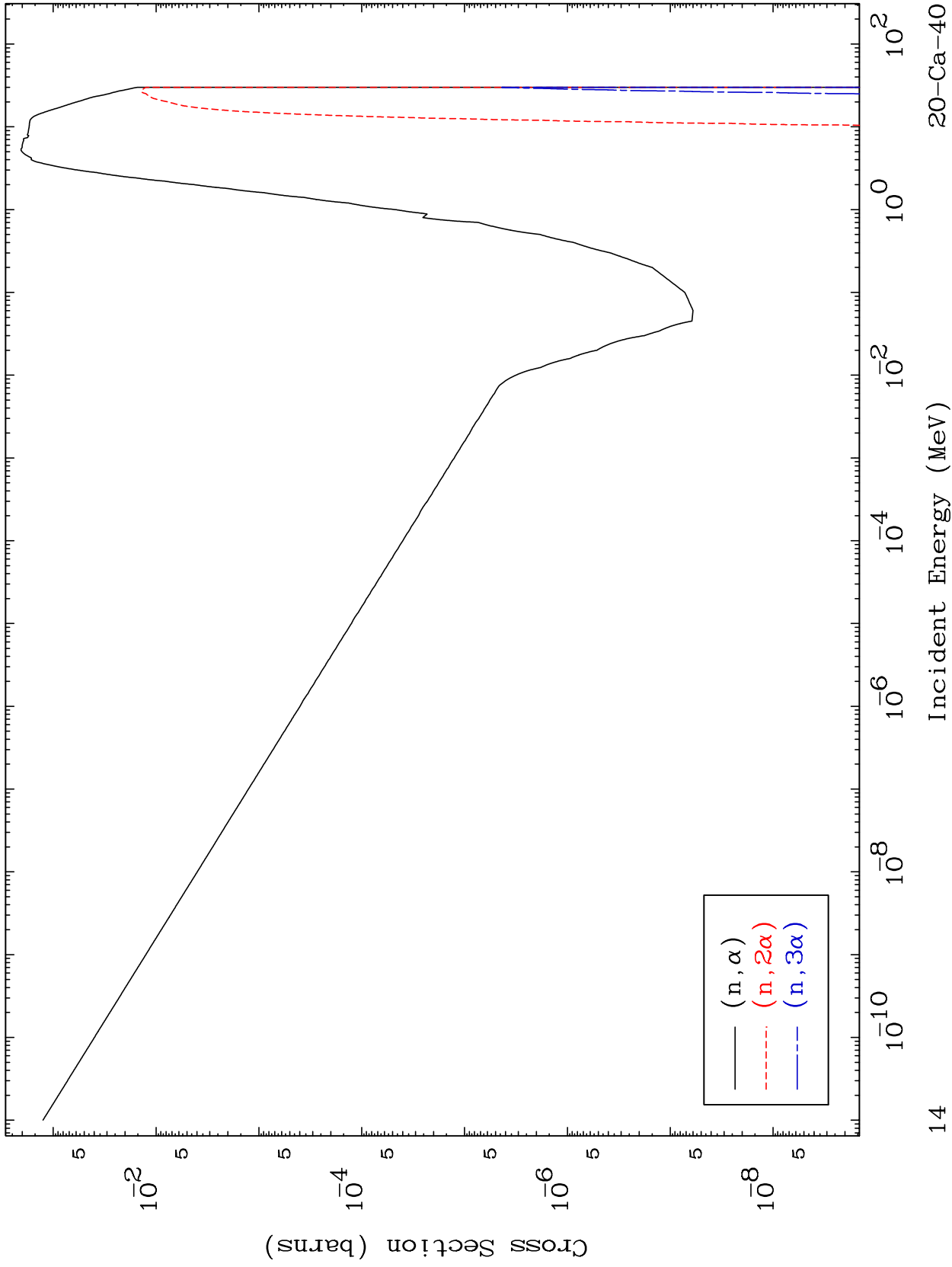
Incident Energy (MeV)

20-Ca-40

MAT 2025

293 Kelvin Cross Sections
(n, α) Levels

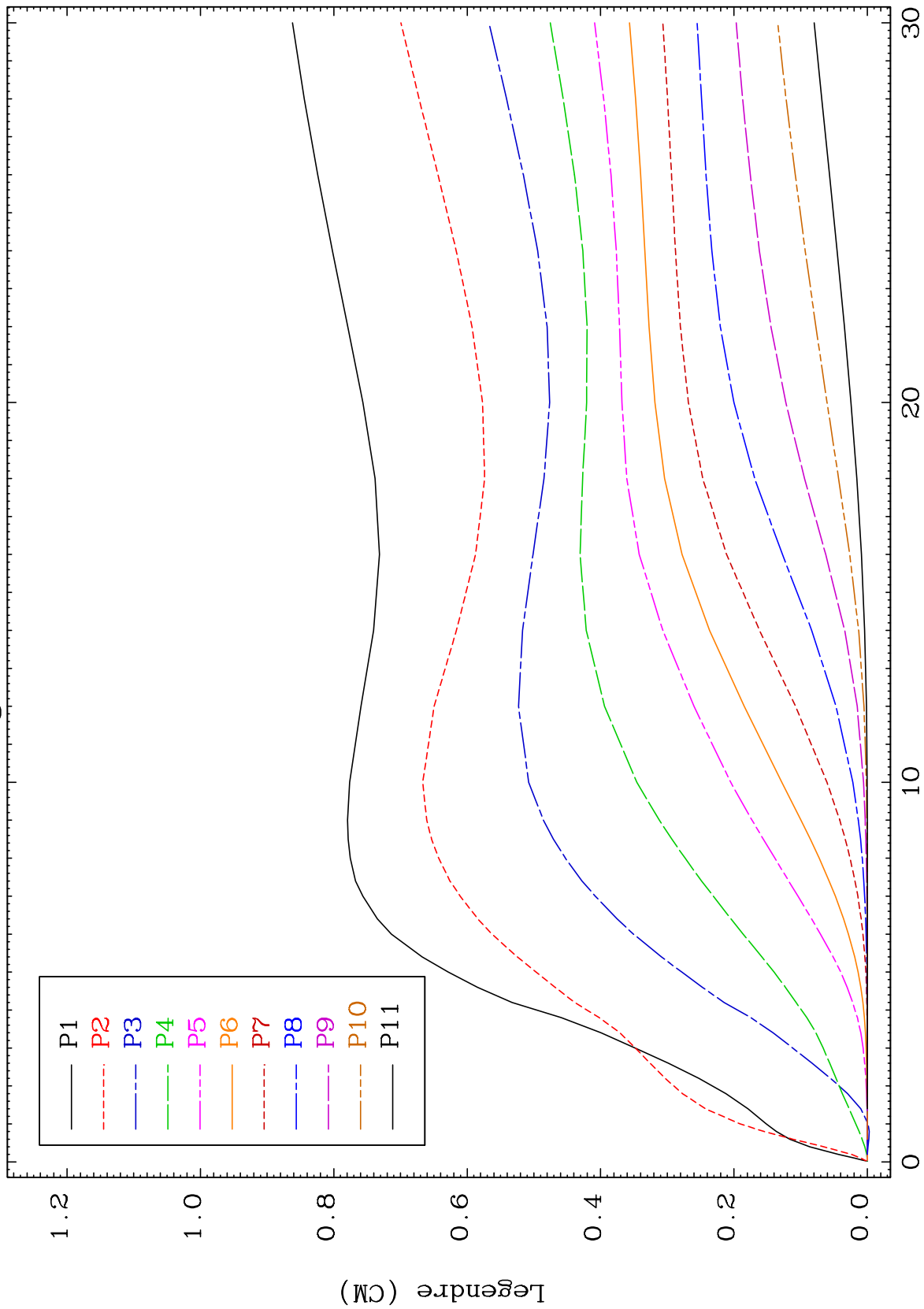
20-Ca-40



MAT 2025

Elastic Legendre Coefficients

20-Ca-40

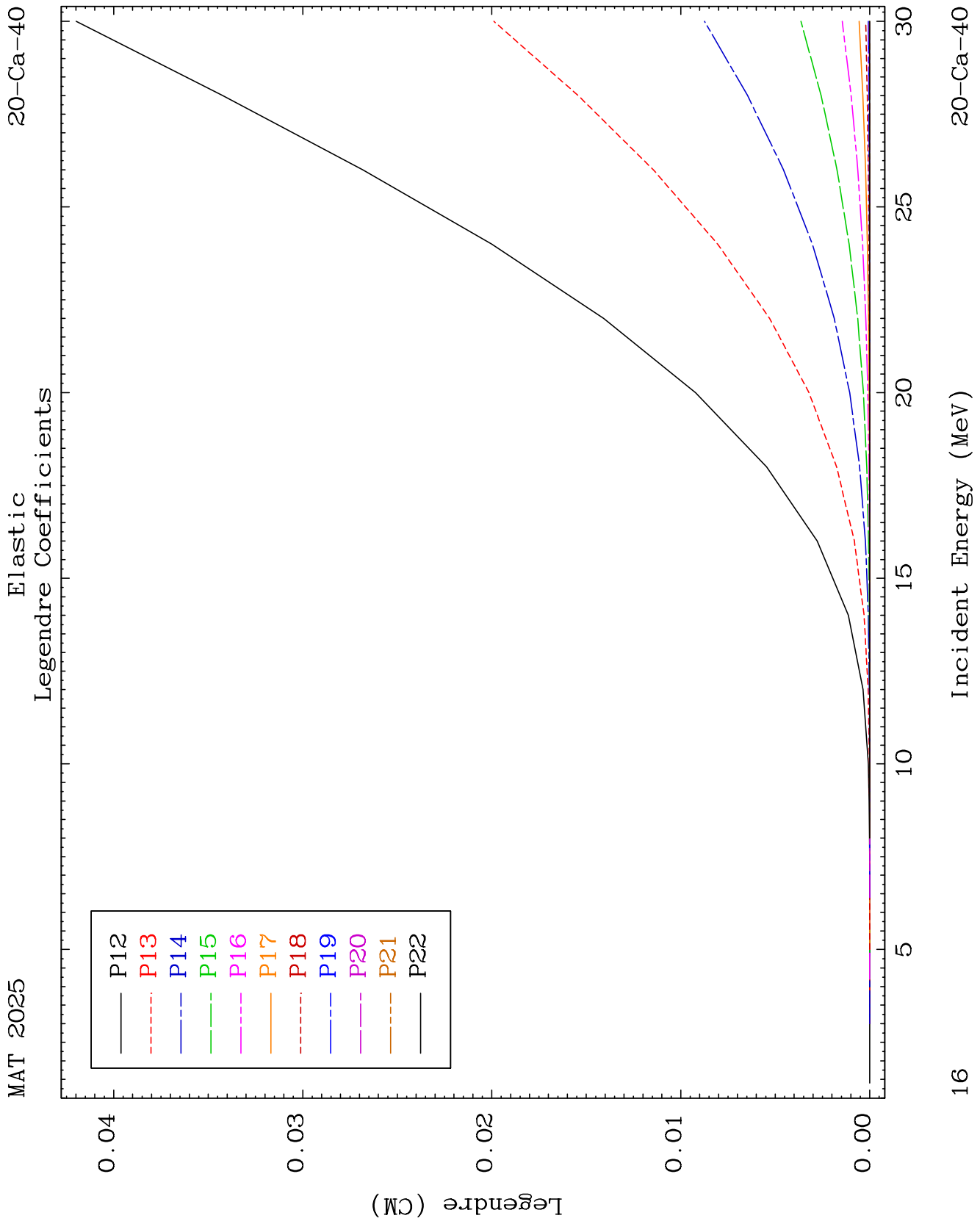


15

Incident Energy (MeV)

20-Ca-40

30

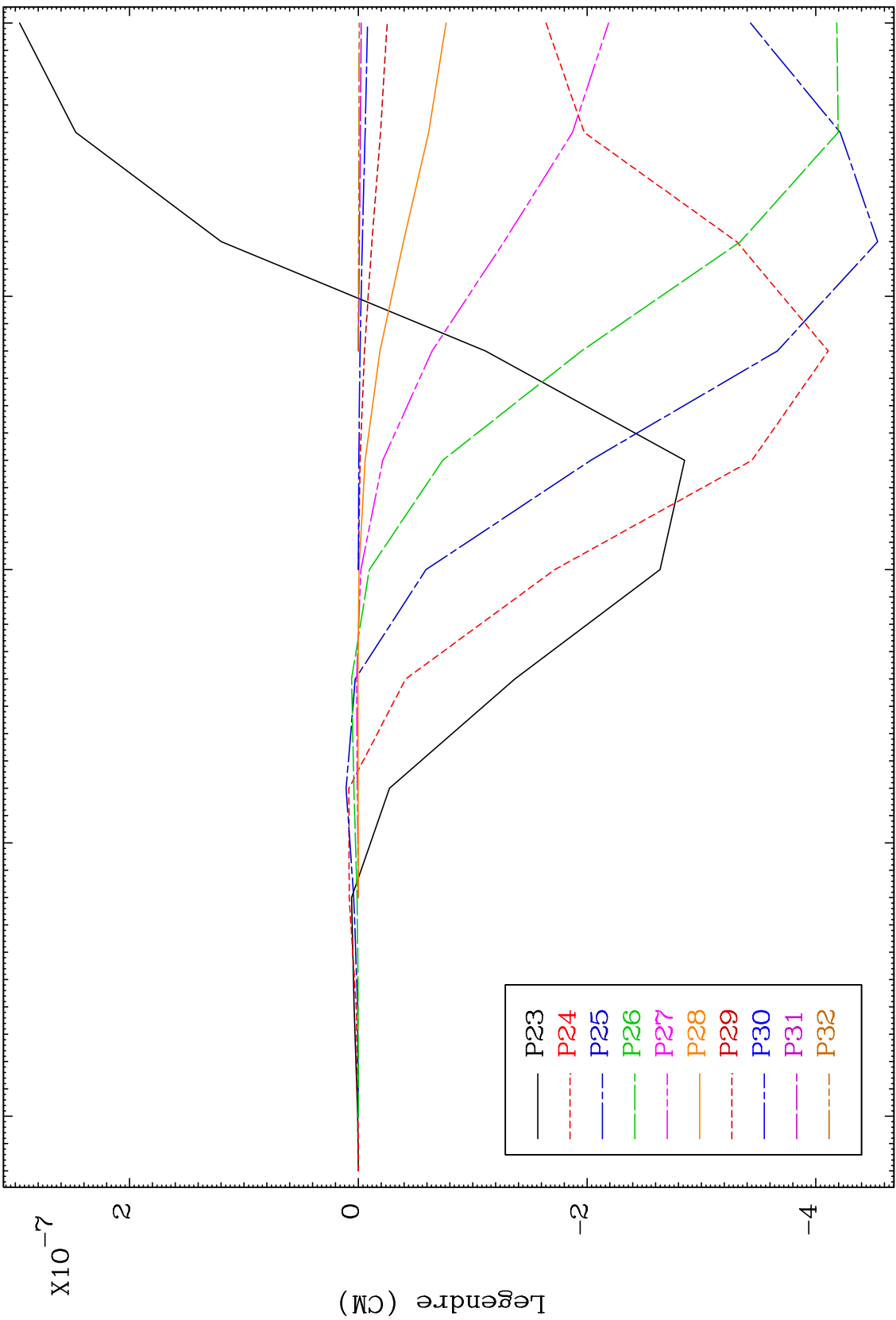


MAT 2025

Elastic Legendre Coefficients

20-Ca-40

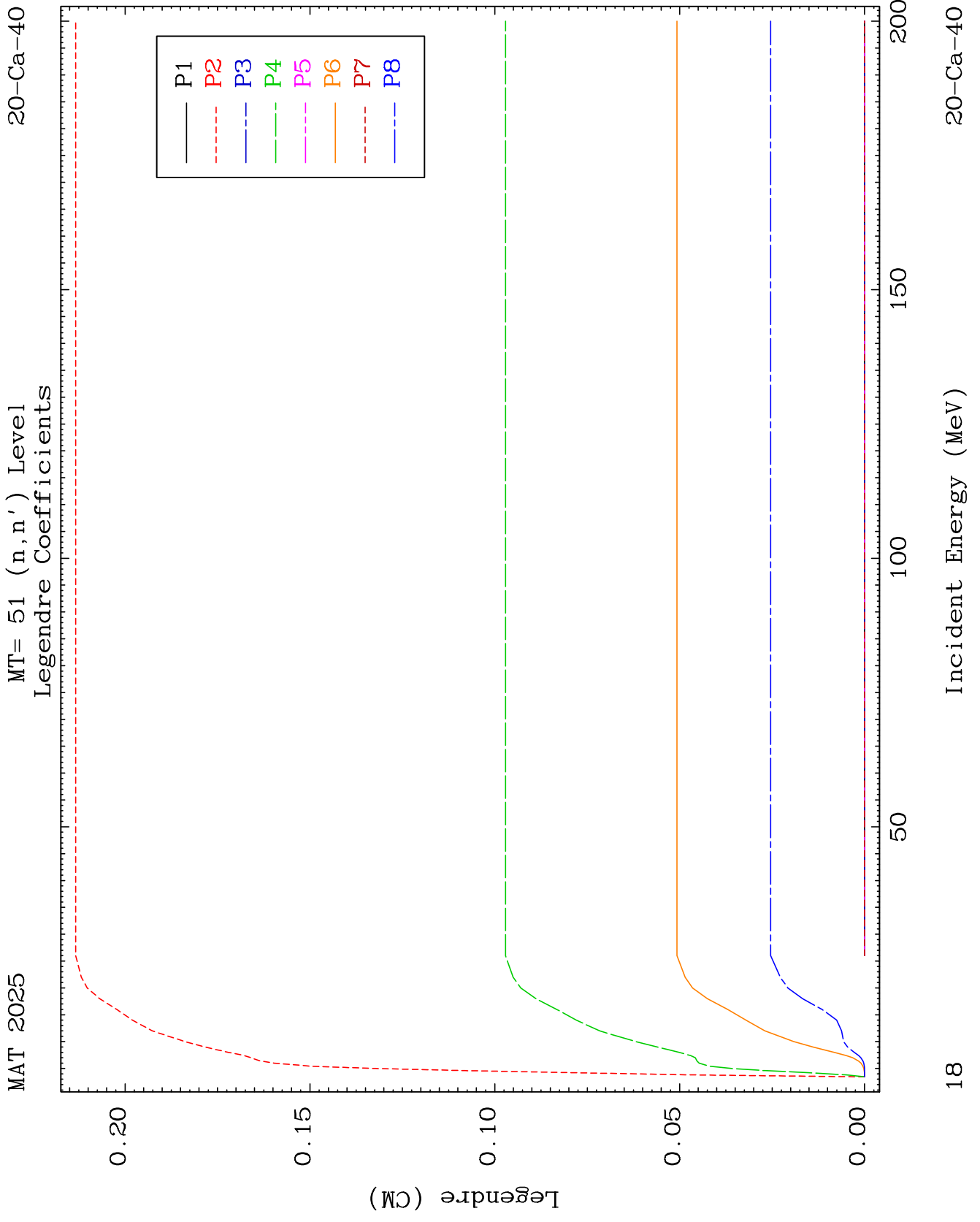
$\times 10^{-7}$

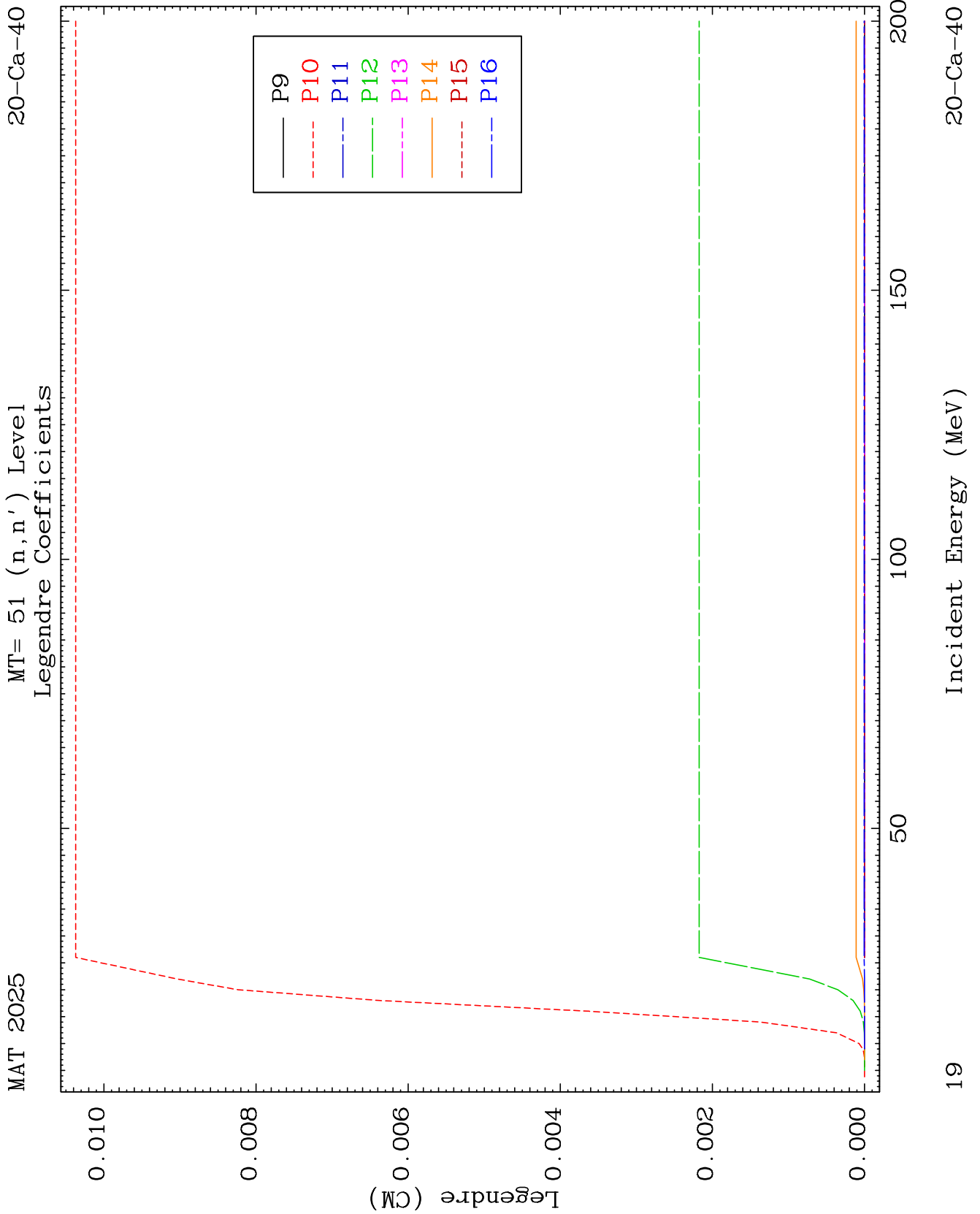


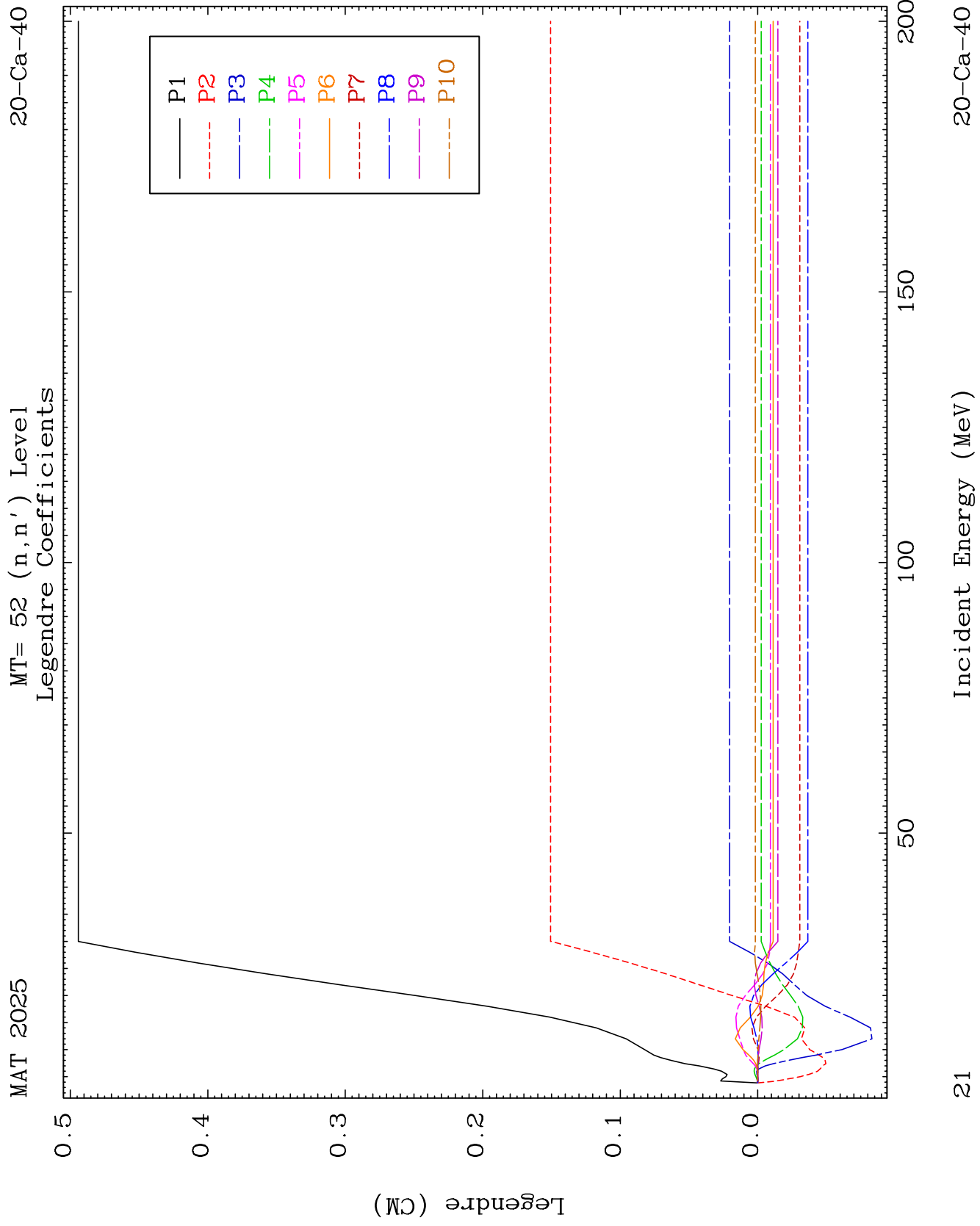
17

Incident Energy (MeV)

20-Ca-40



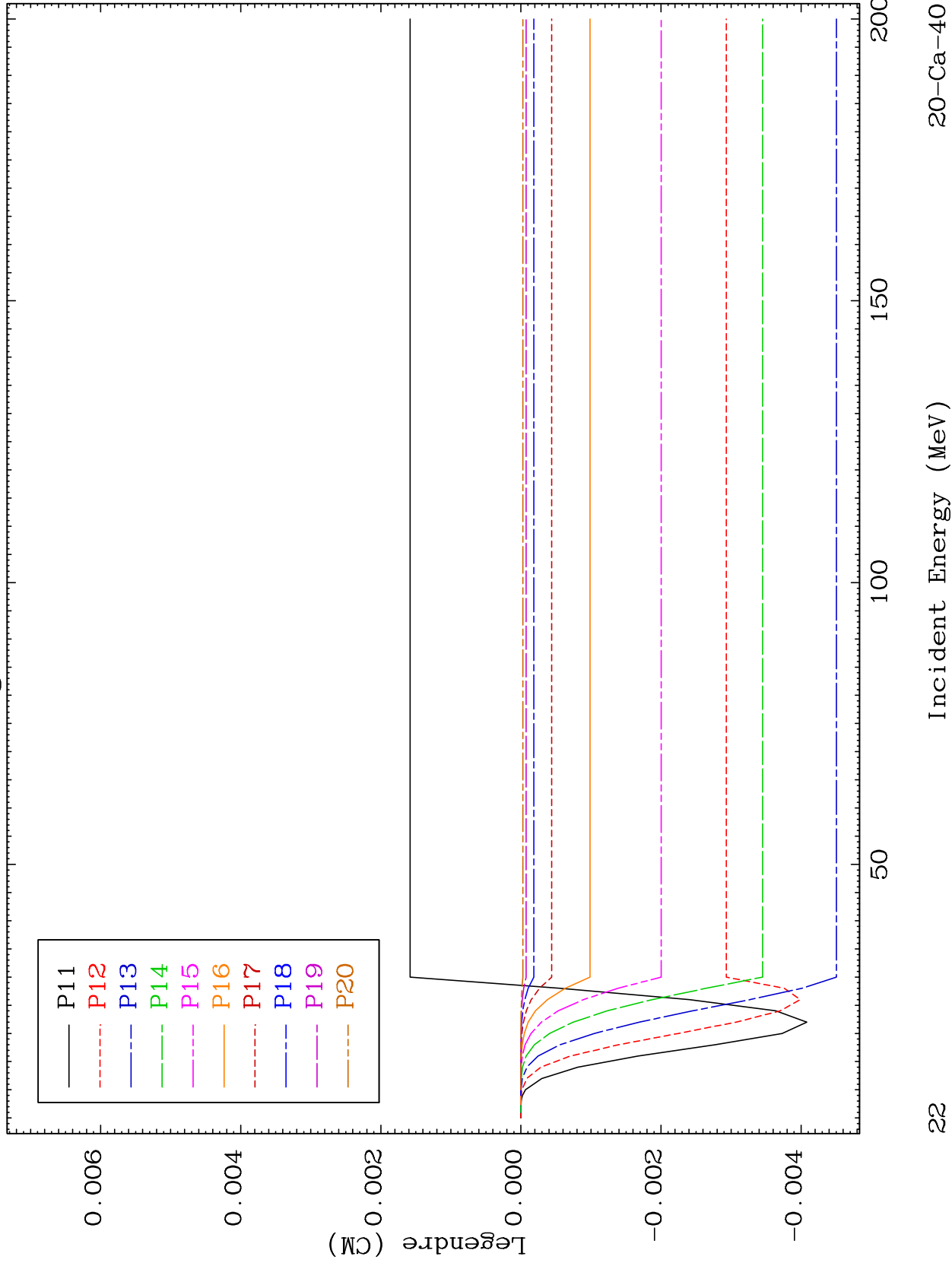




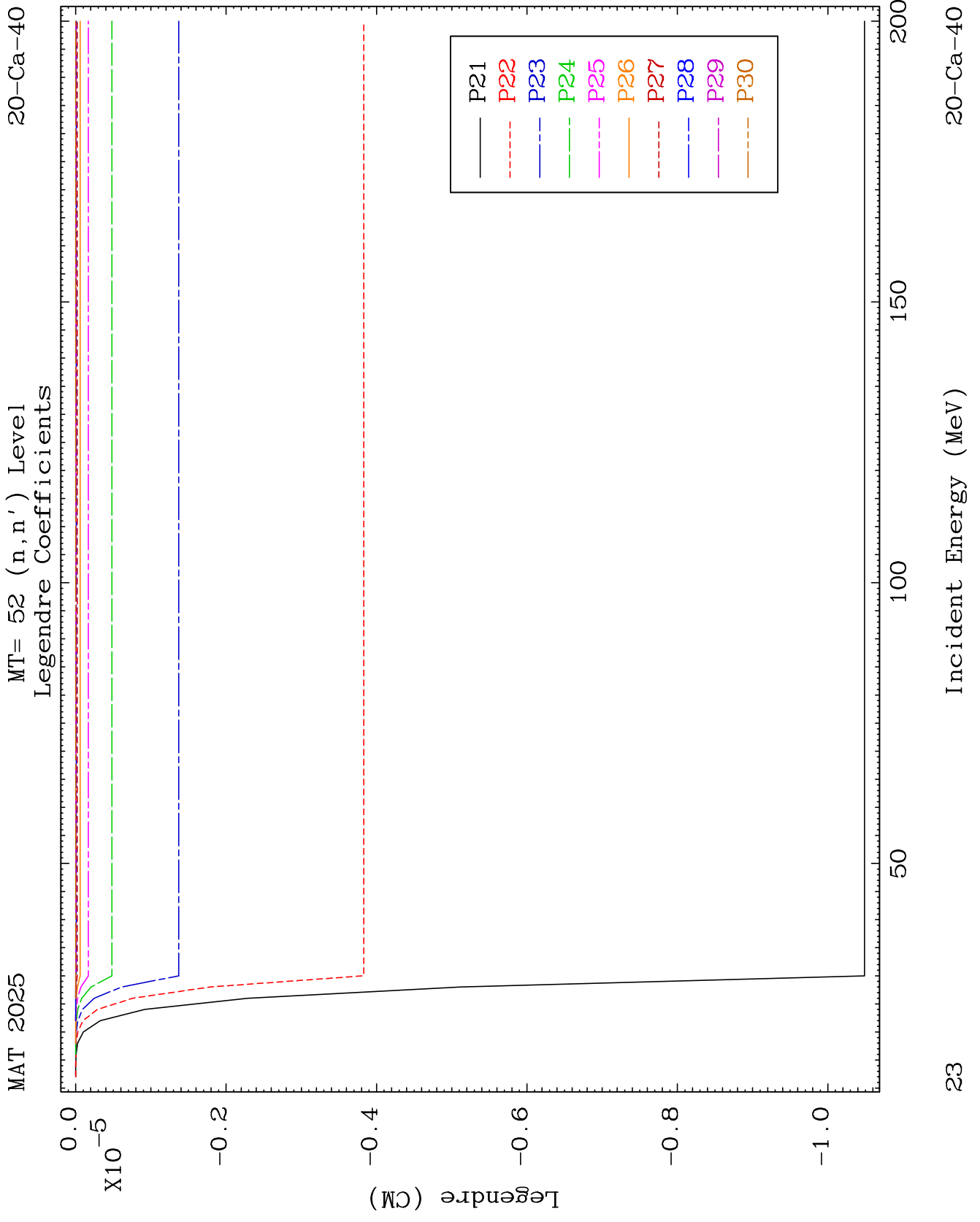
MAT 2025

MT= 52 (n,n') Level
Legendre Coefficients

20-Ca-40



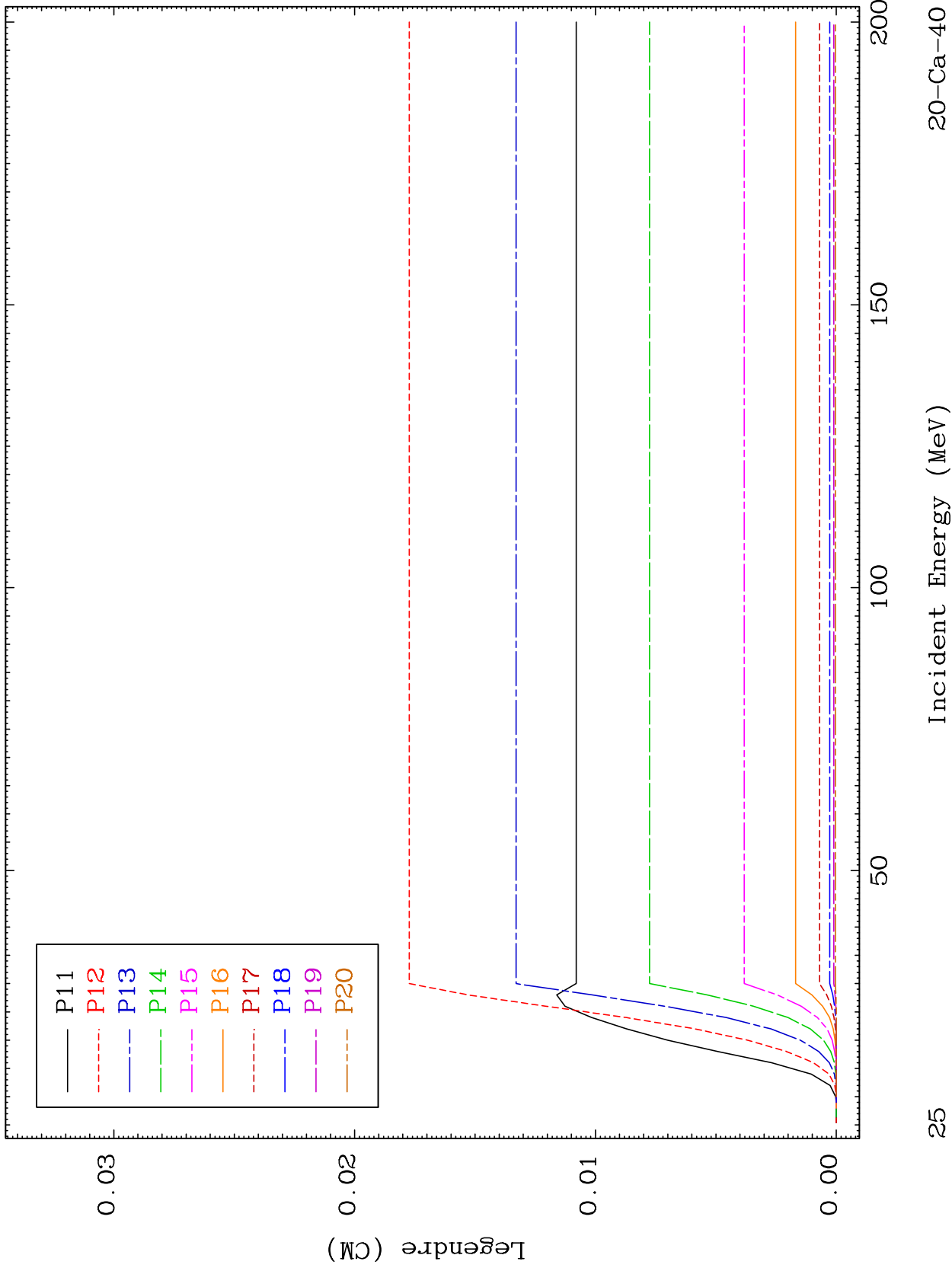
22

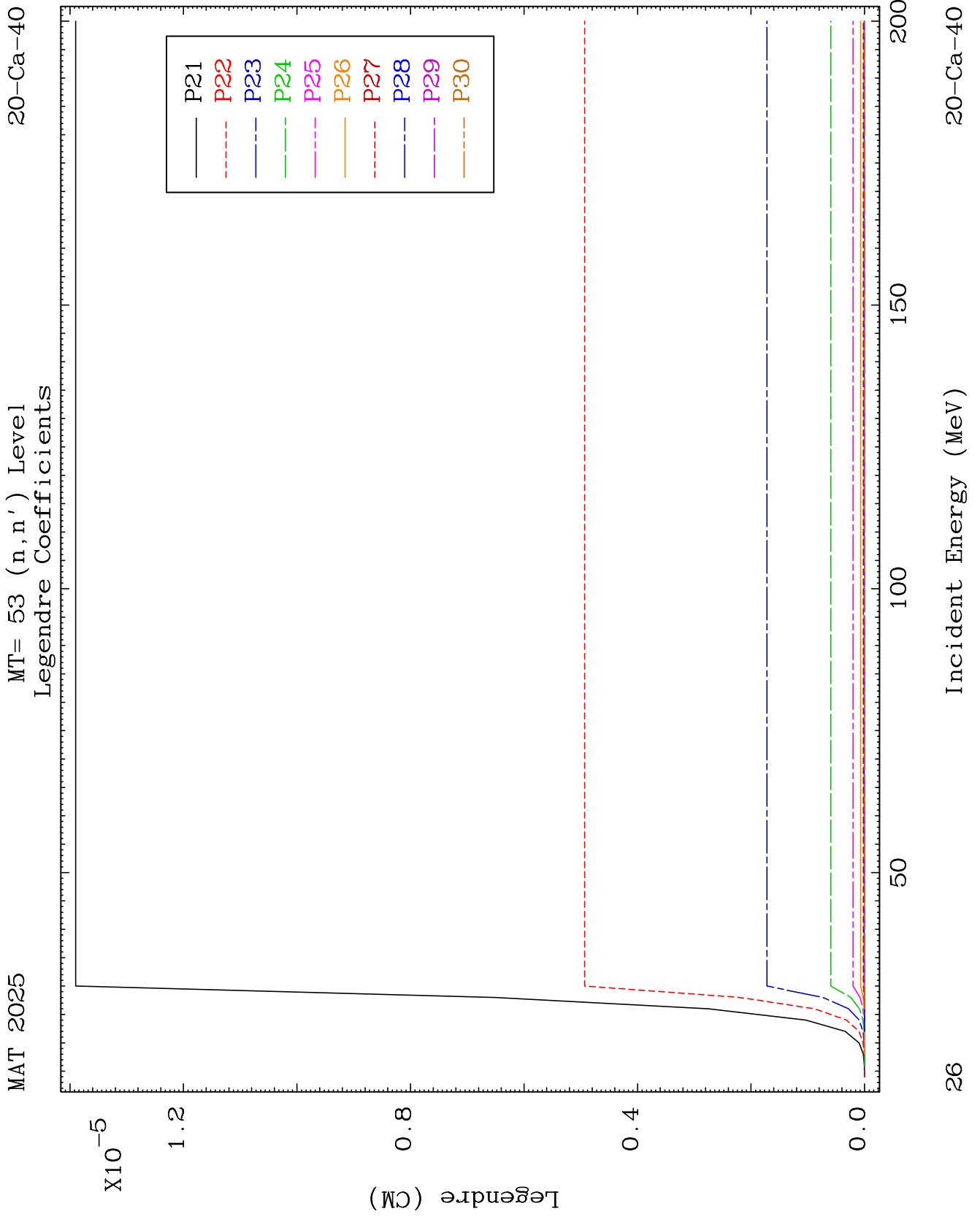


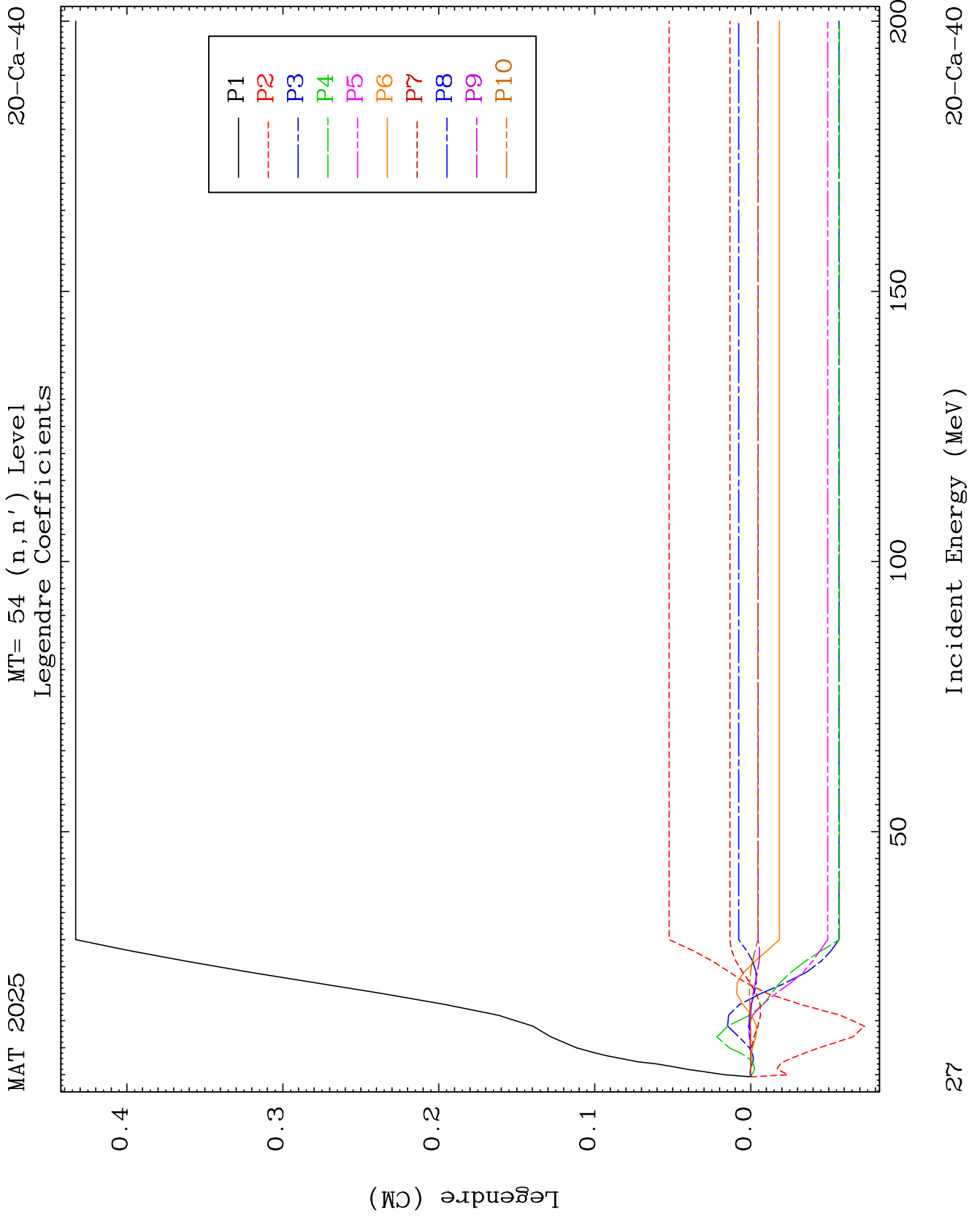
MAT 2025

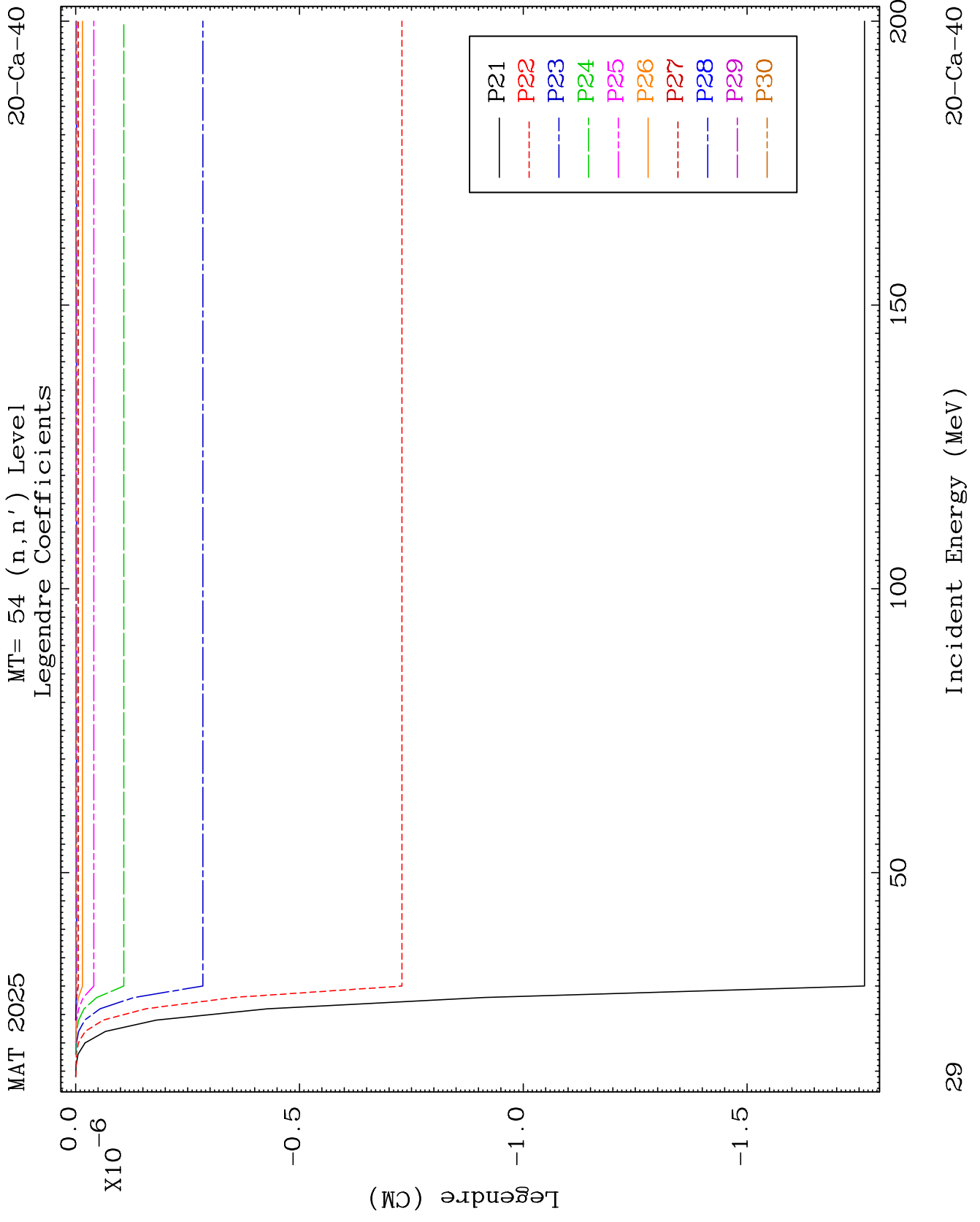
MT= 53 (n,n') Level
Legendre Coefficients

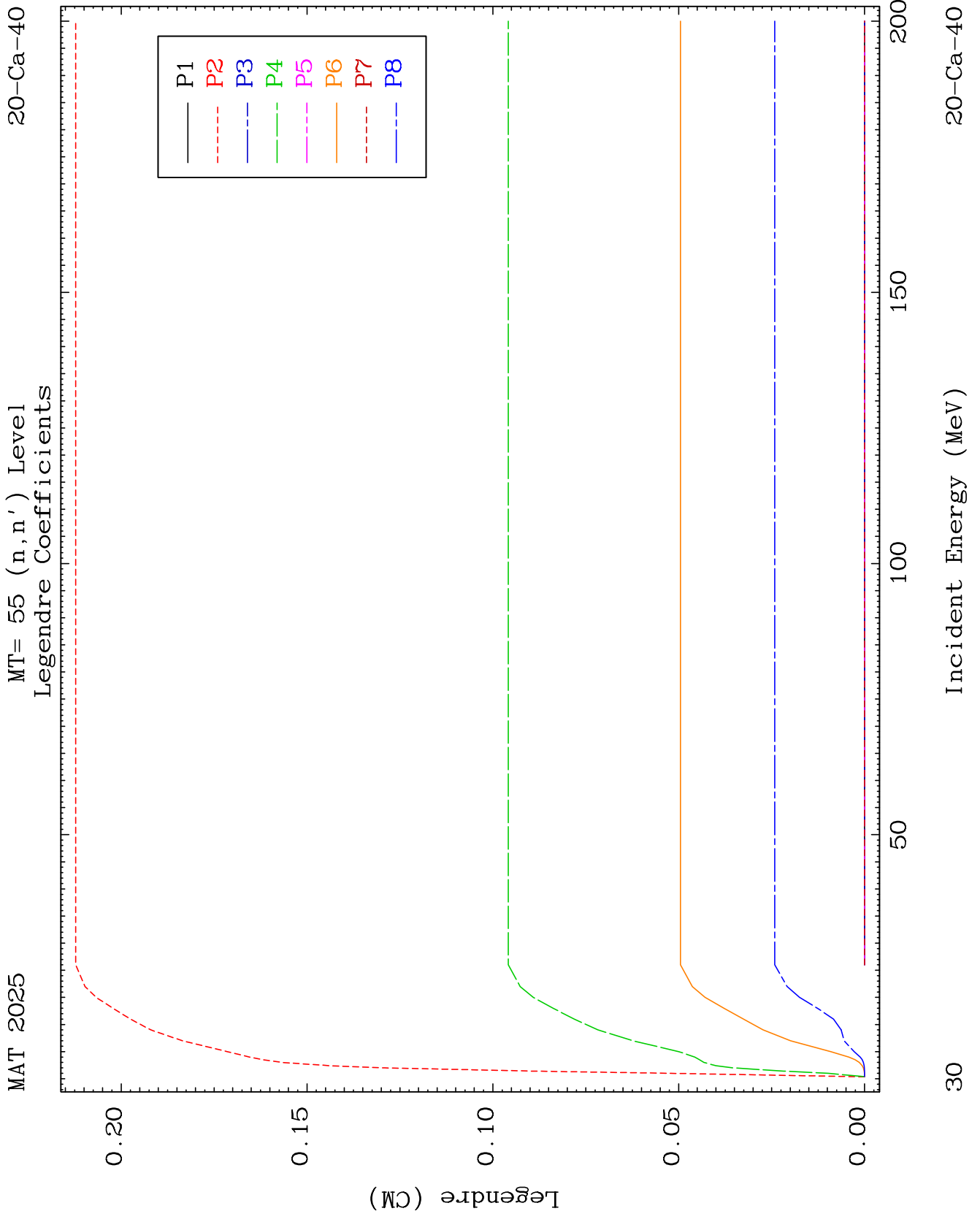
20-Ca-40

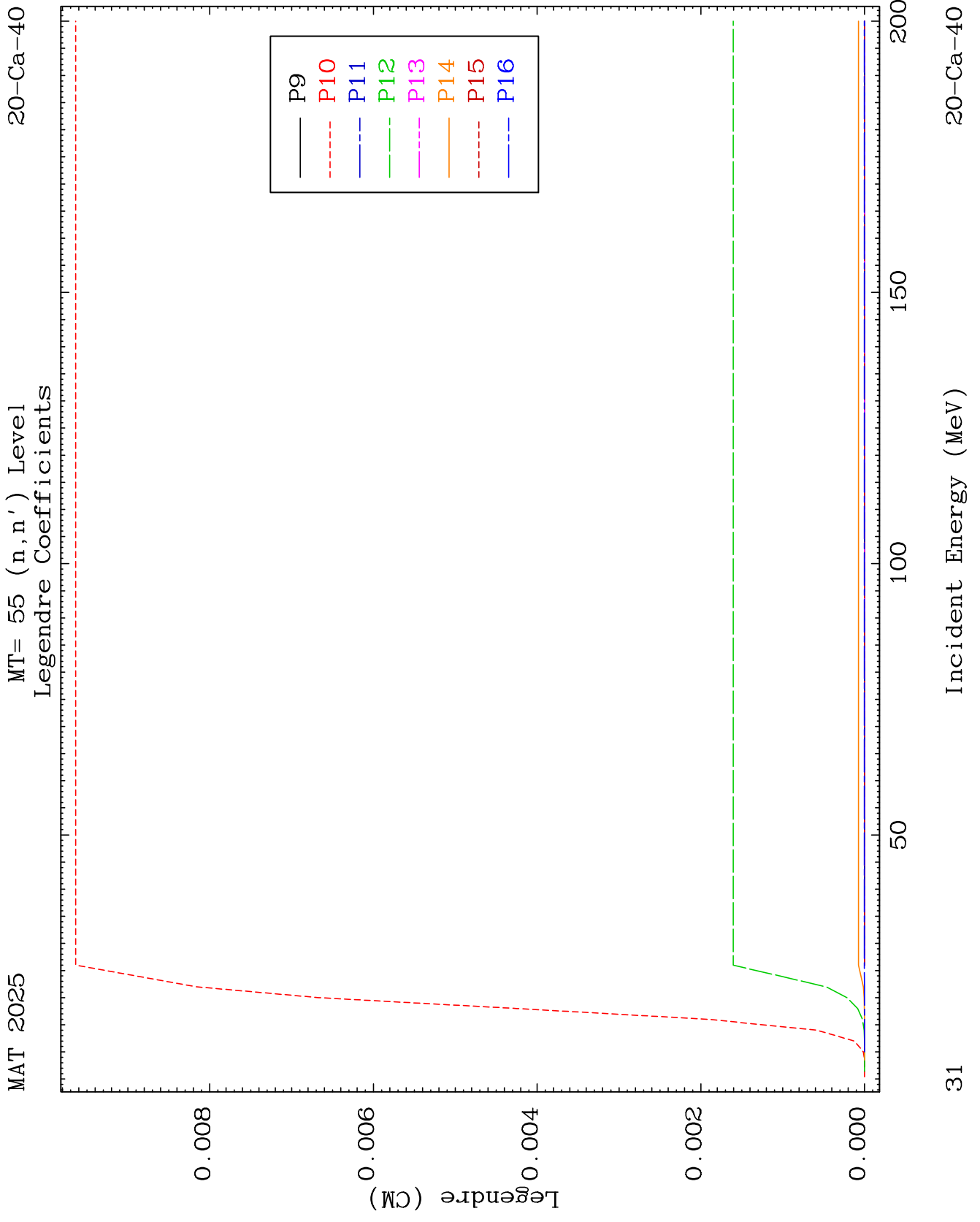


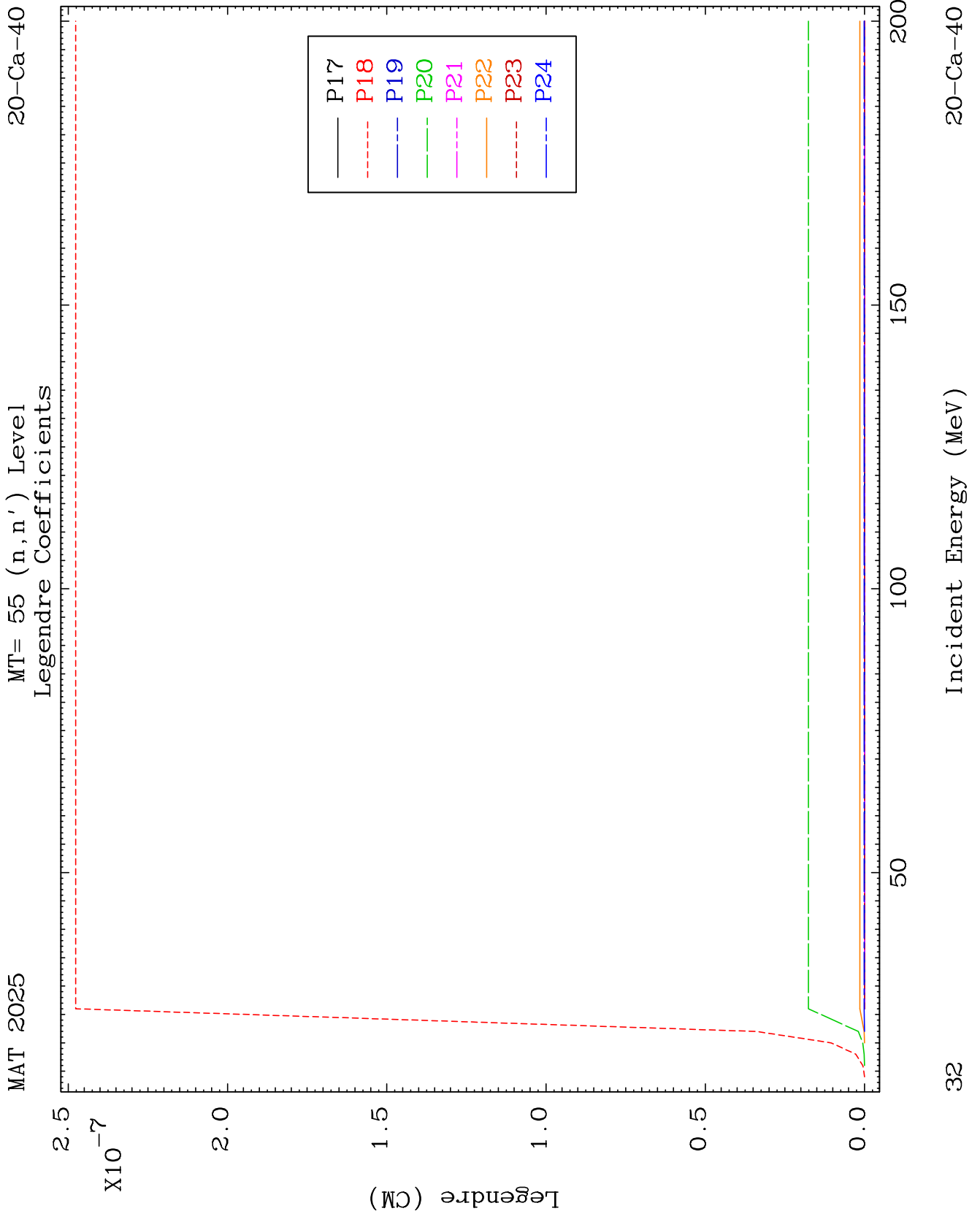


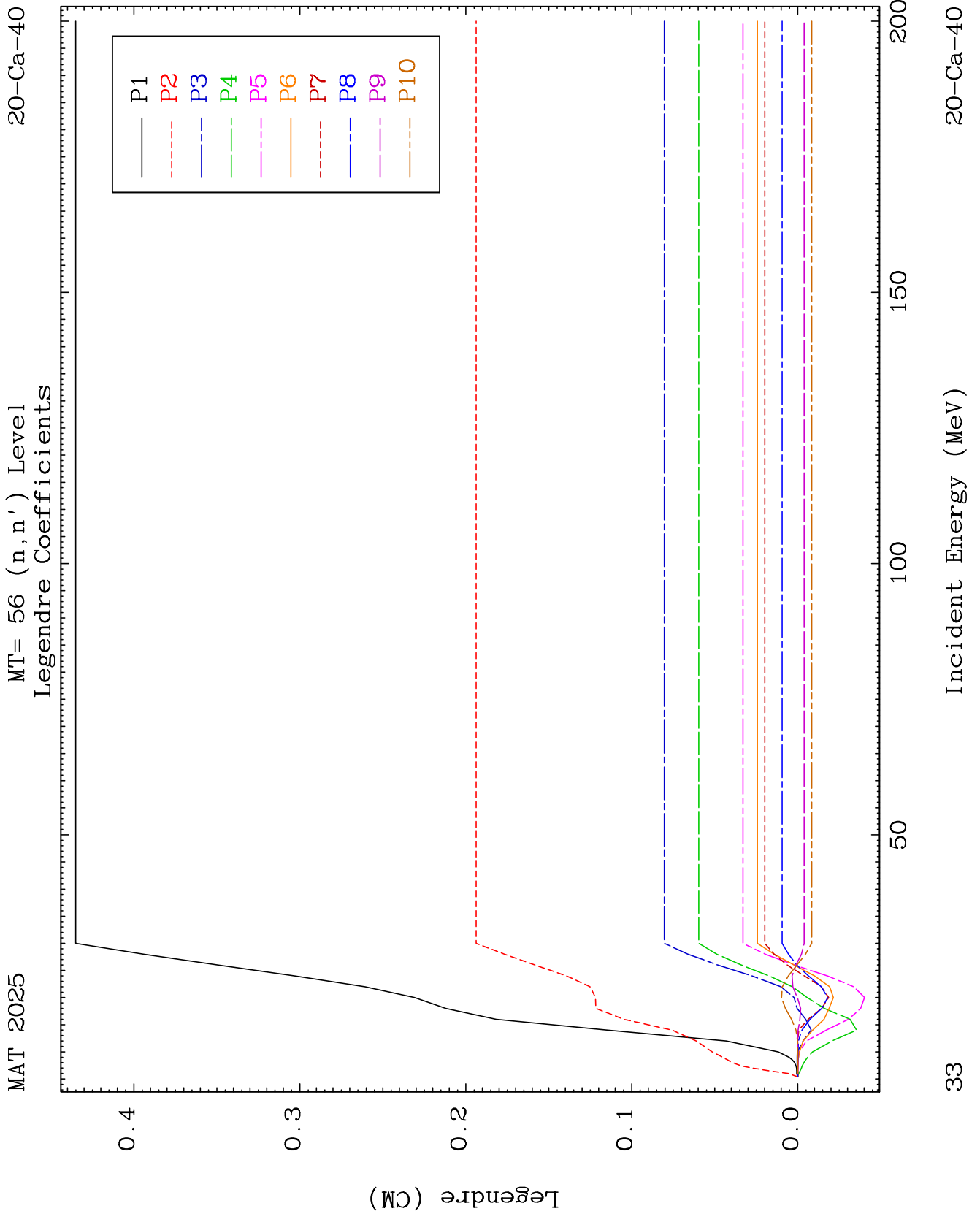


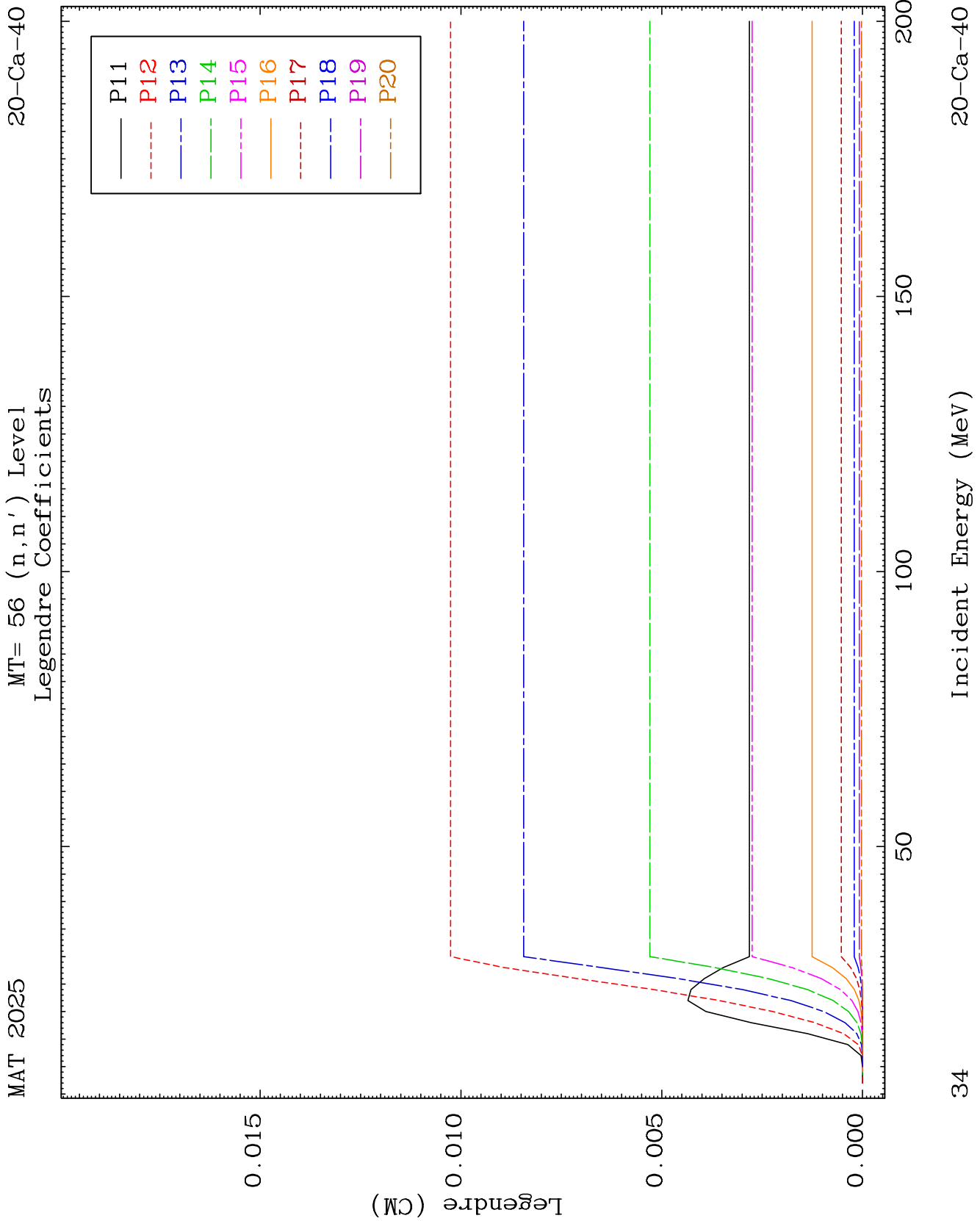


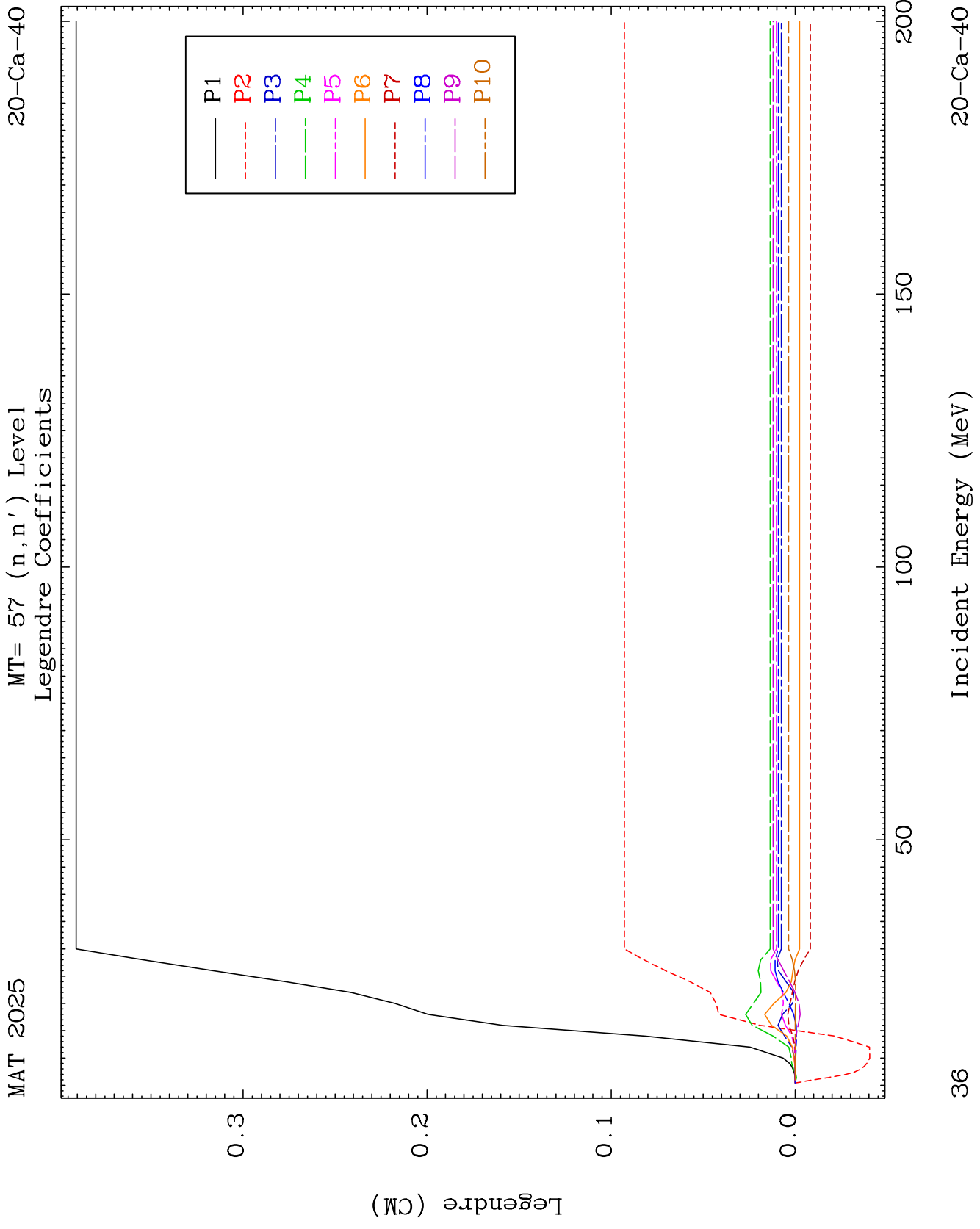


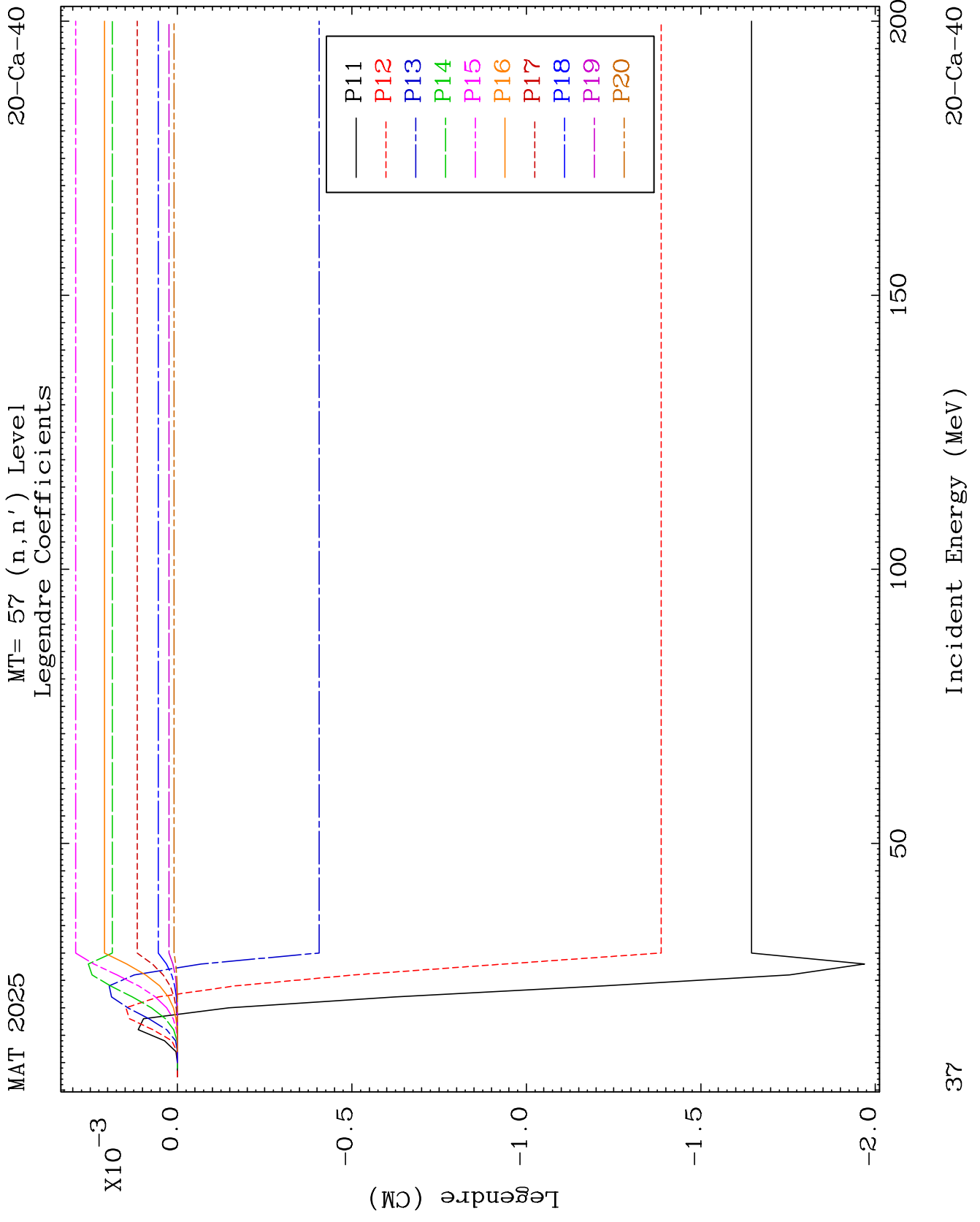








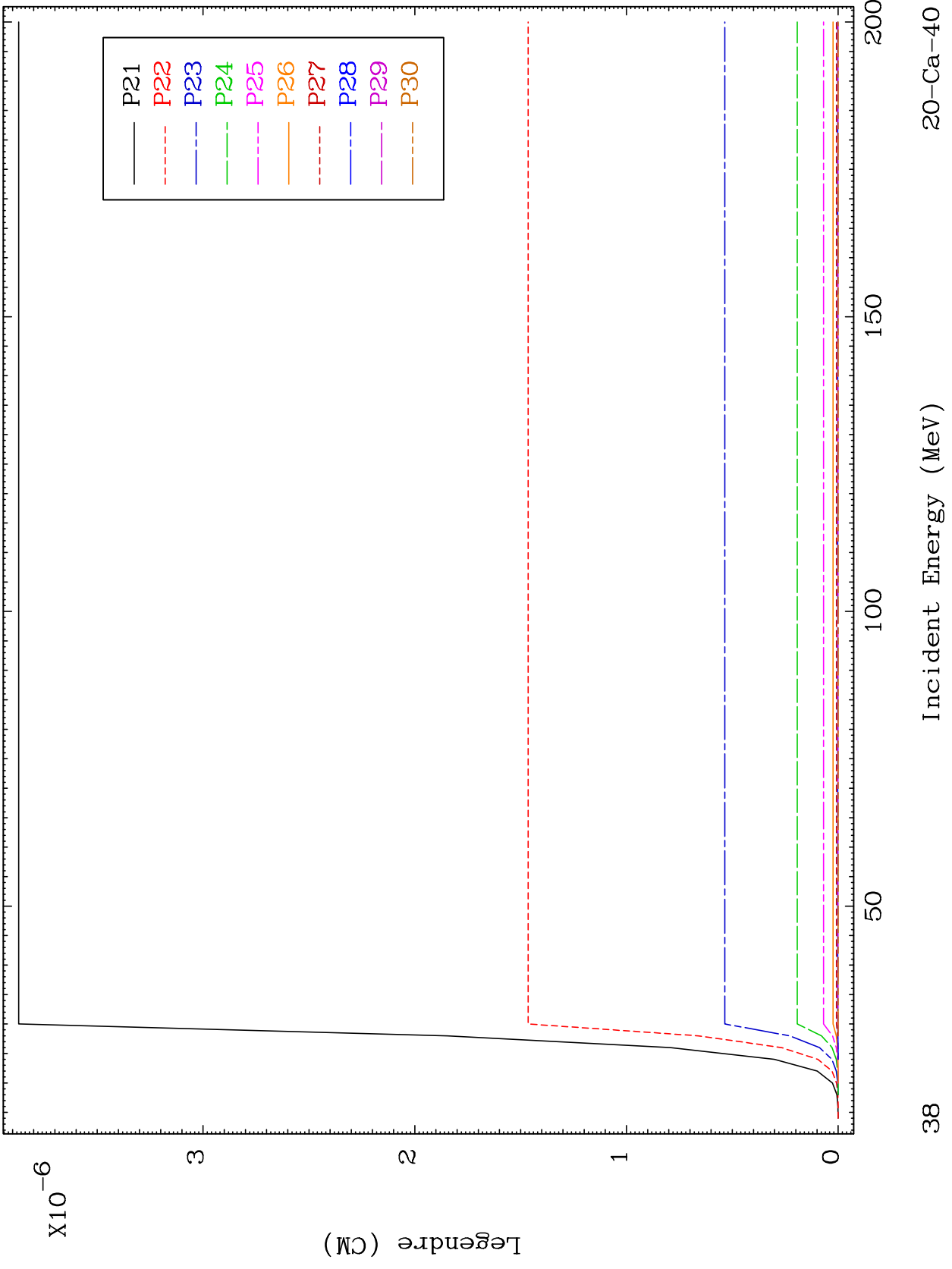


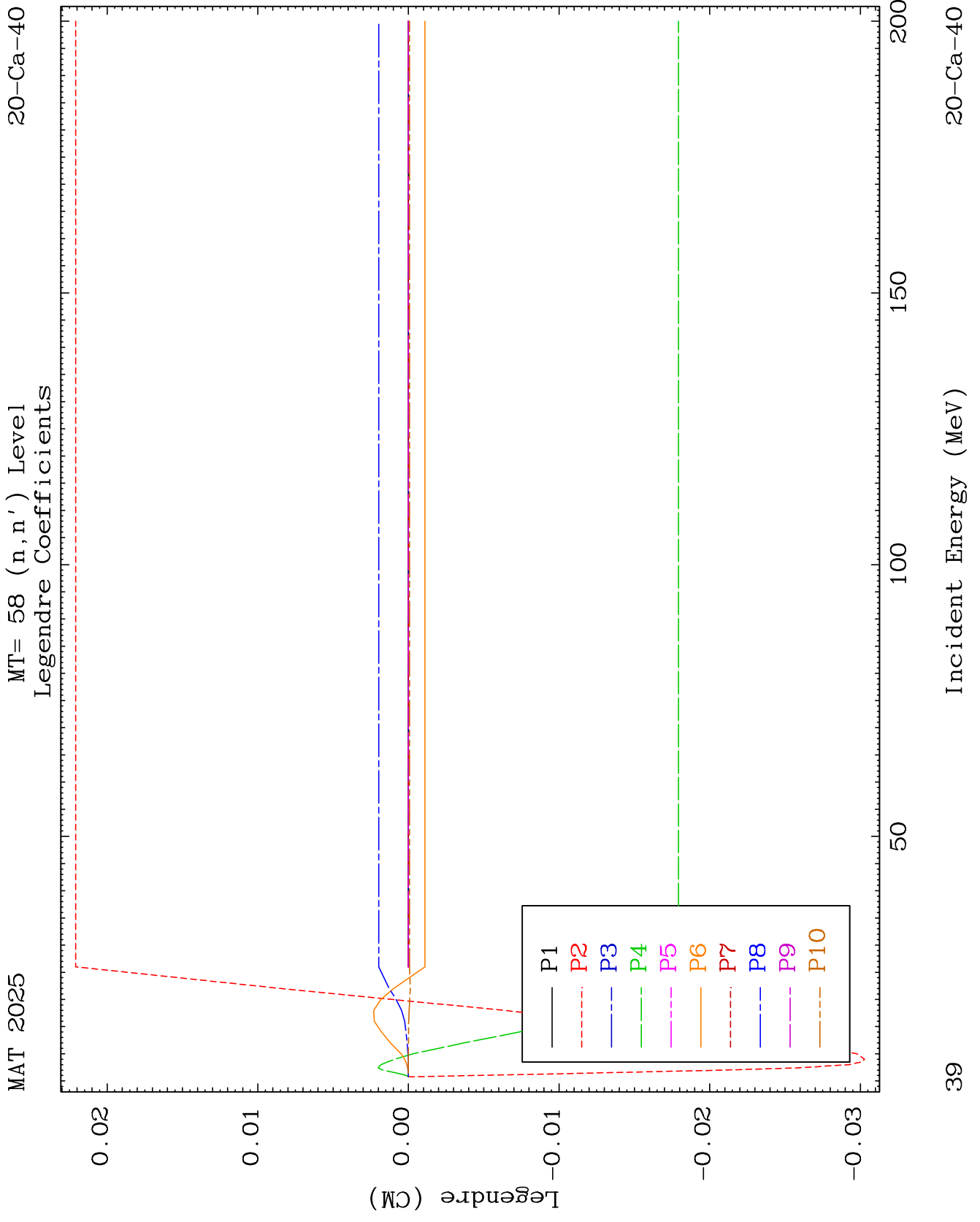


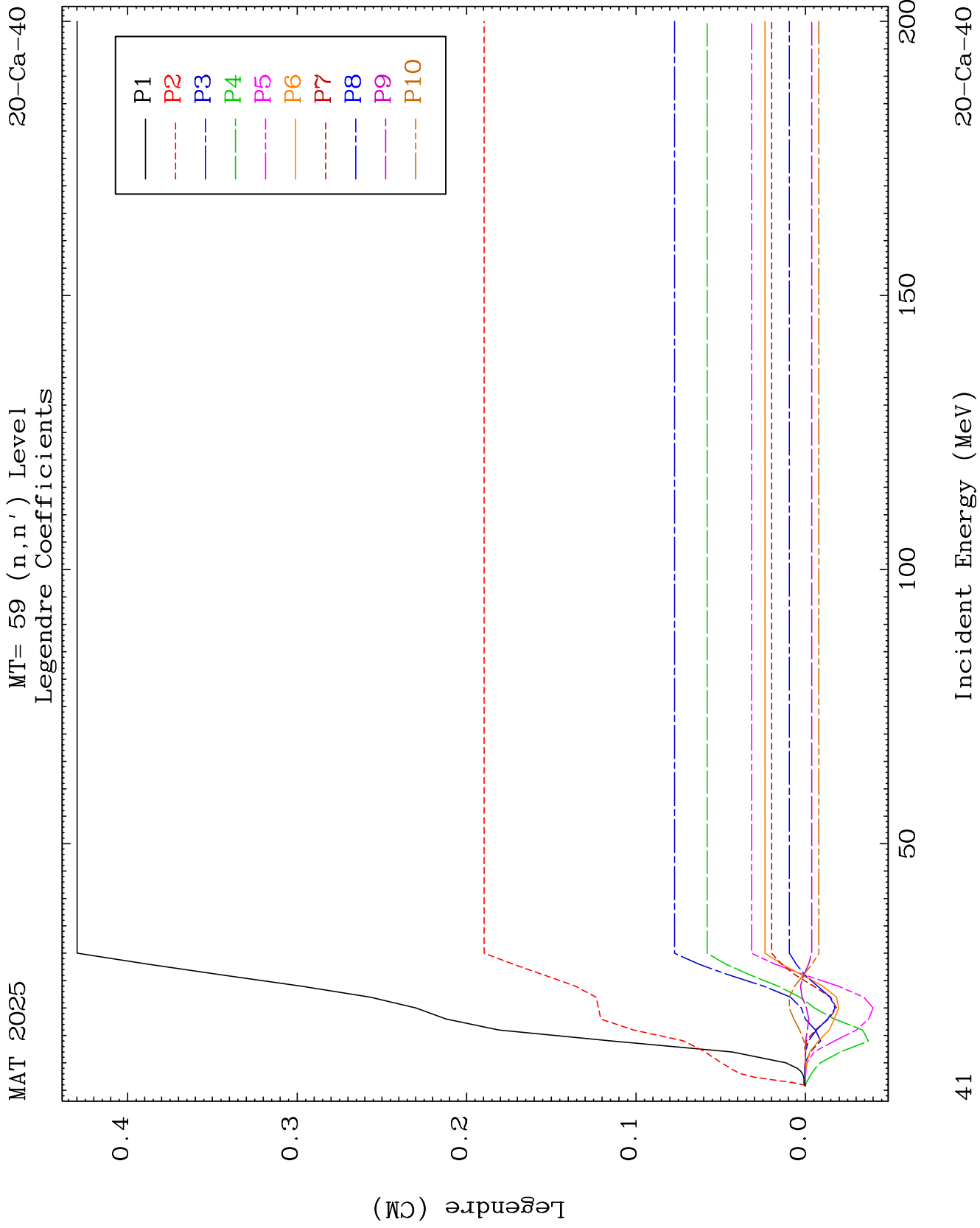
MAT 2025

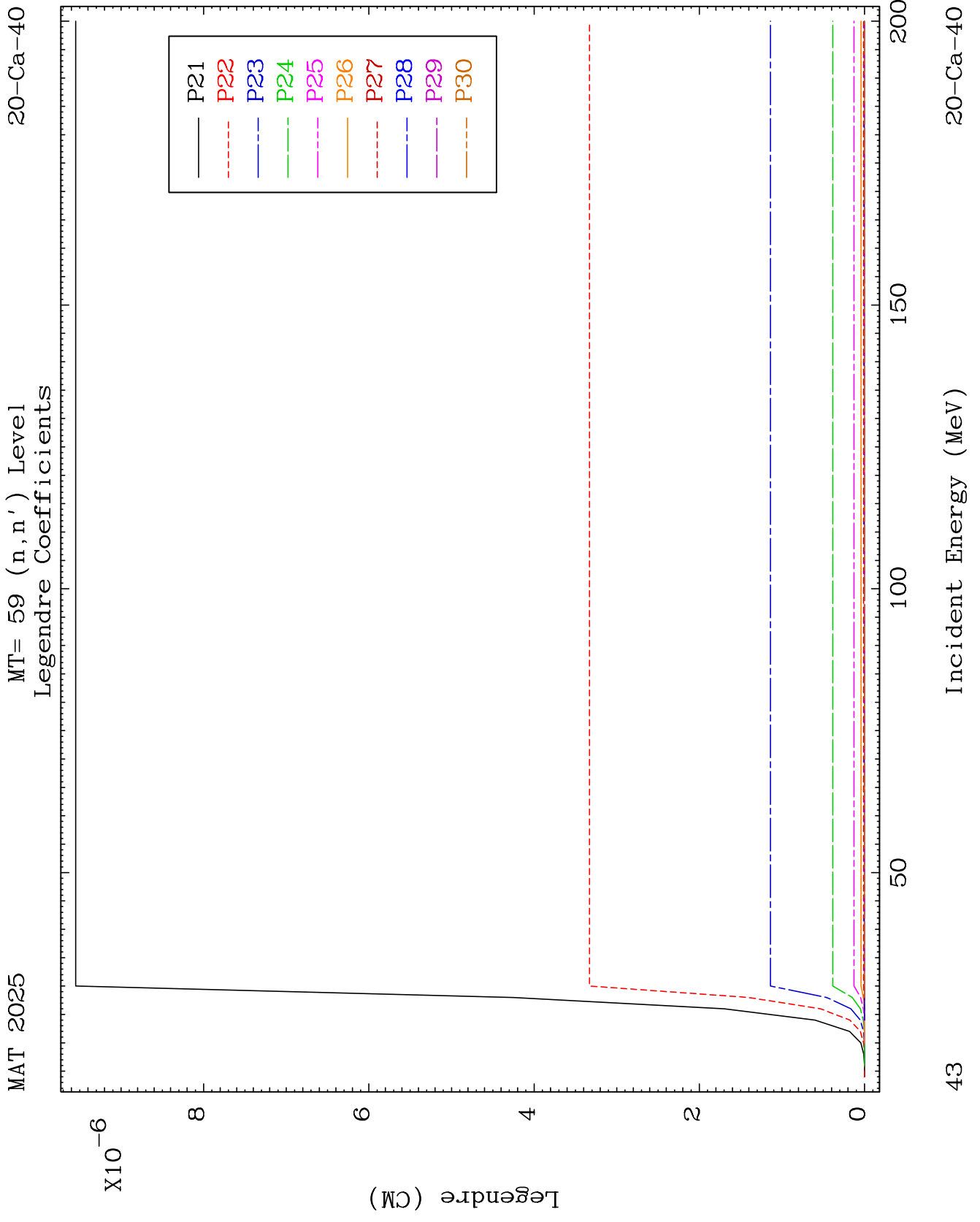
MT= 57 (n,n') Level
Legendre Coefficients

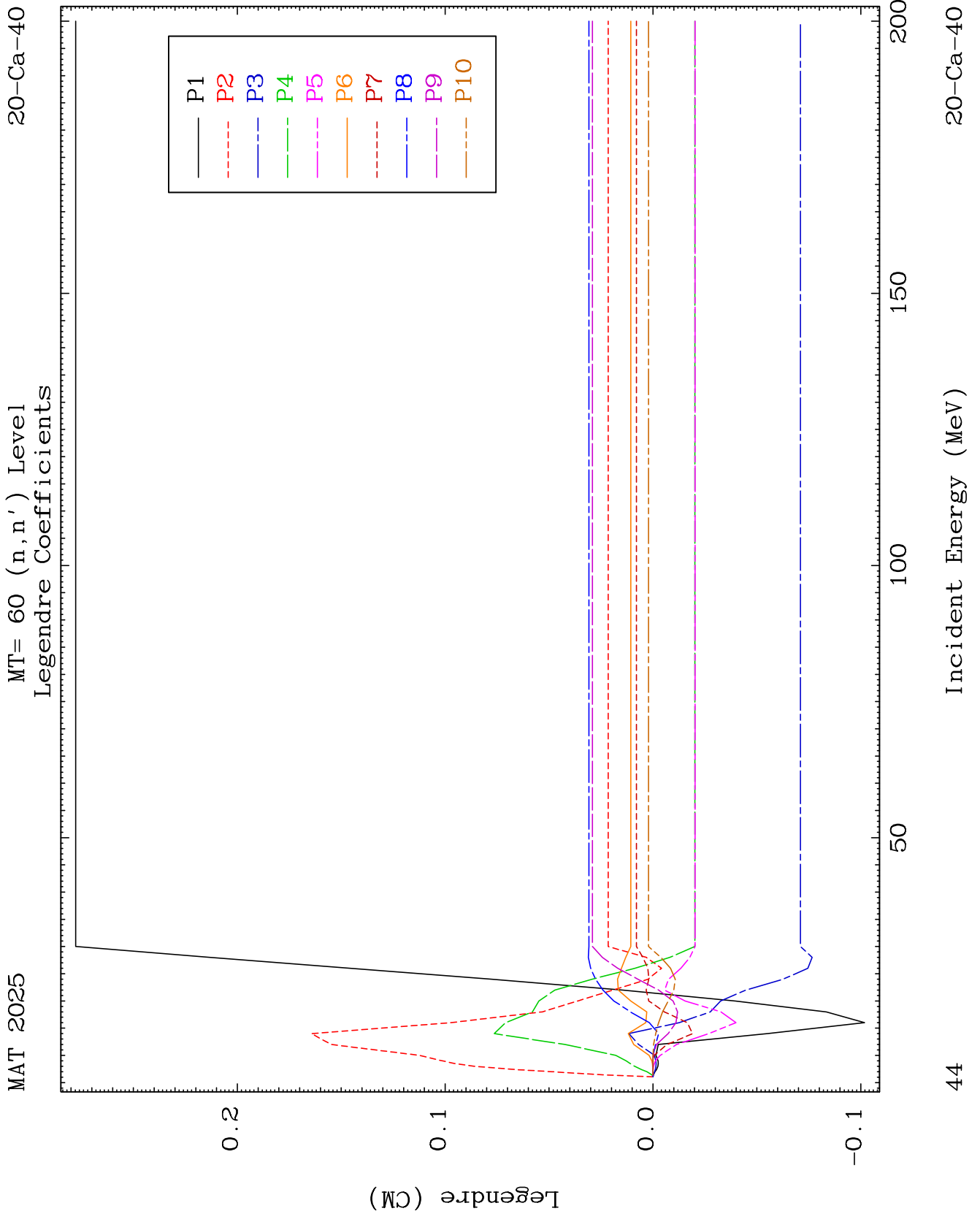
20-Ca-40

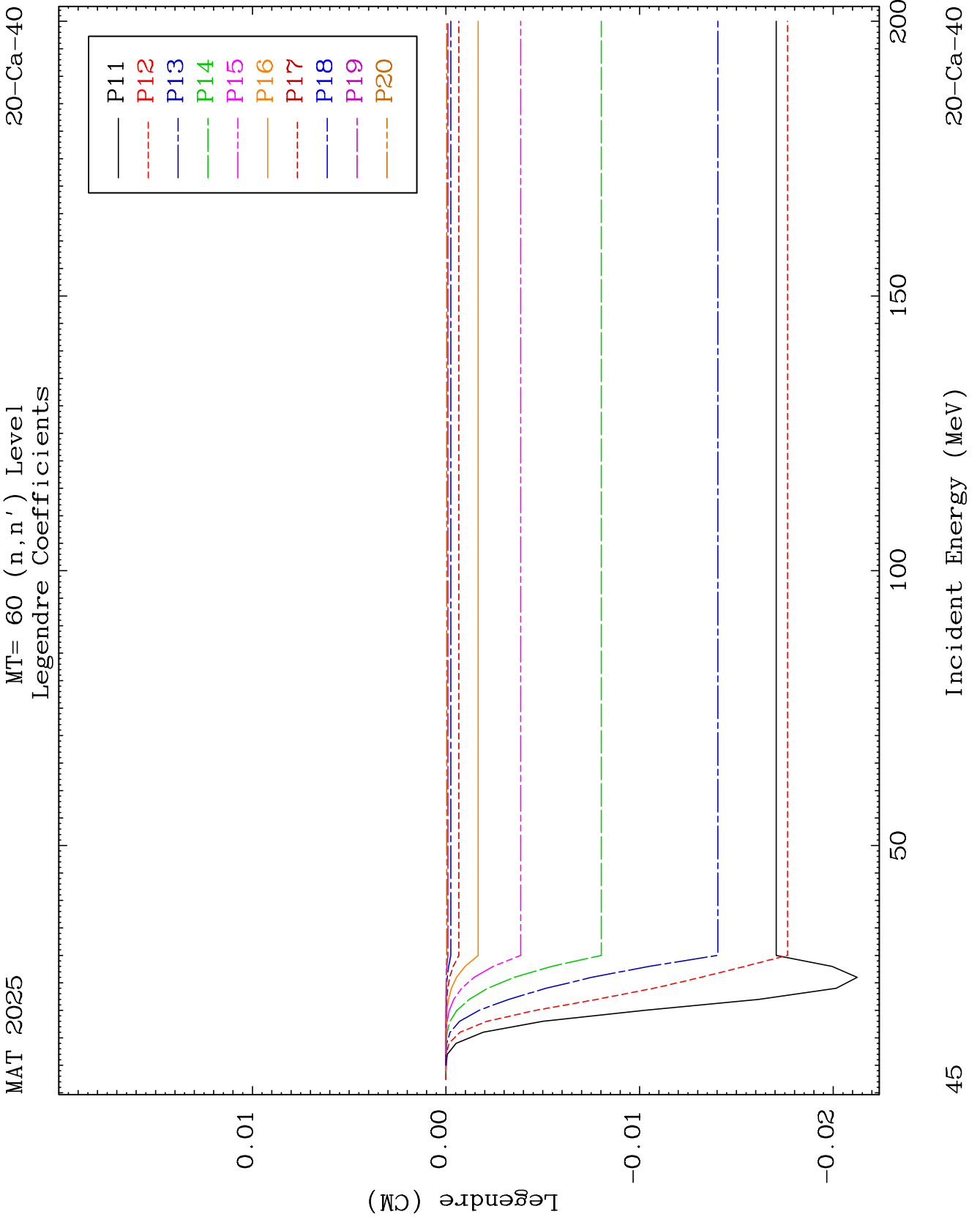


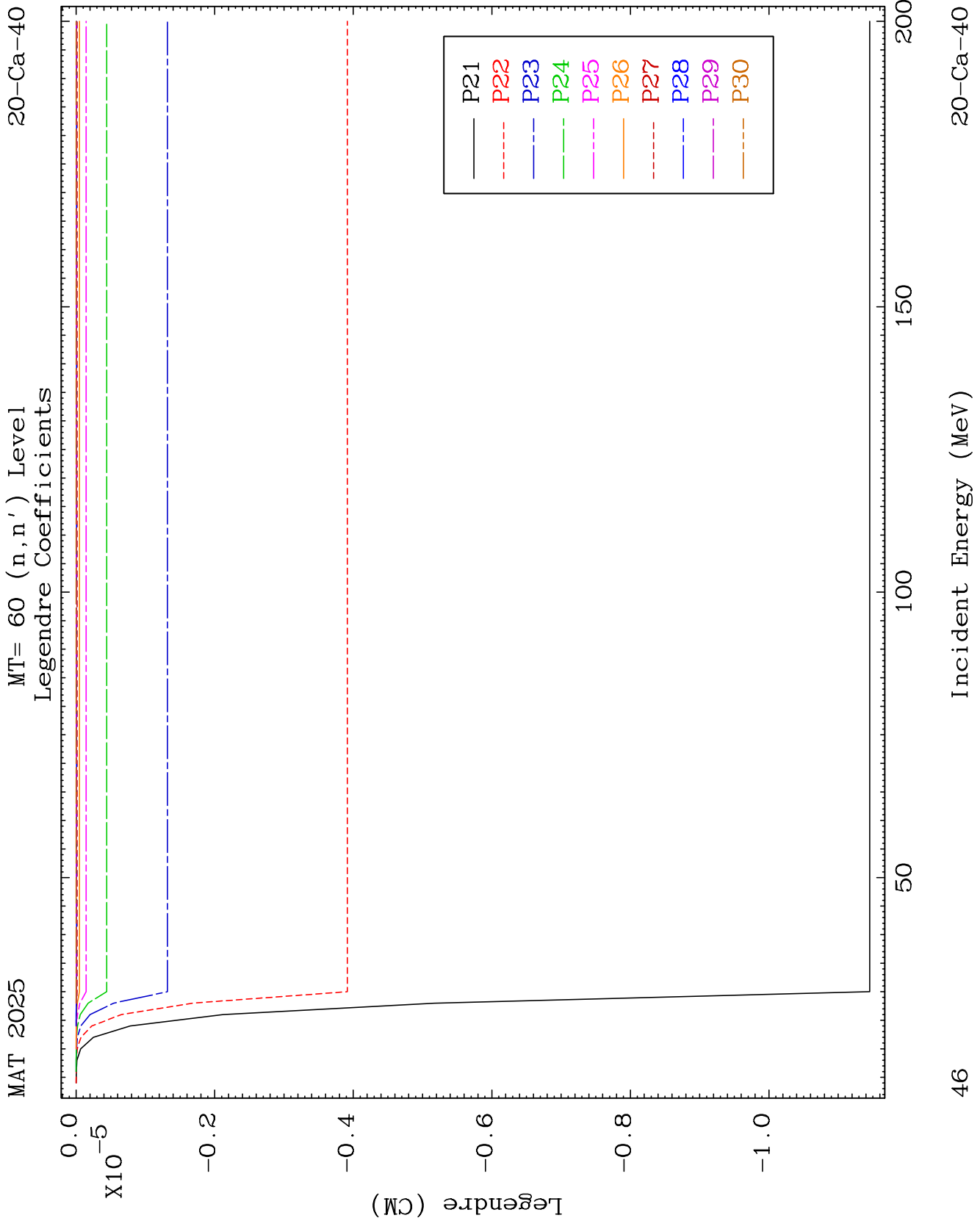


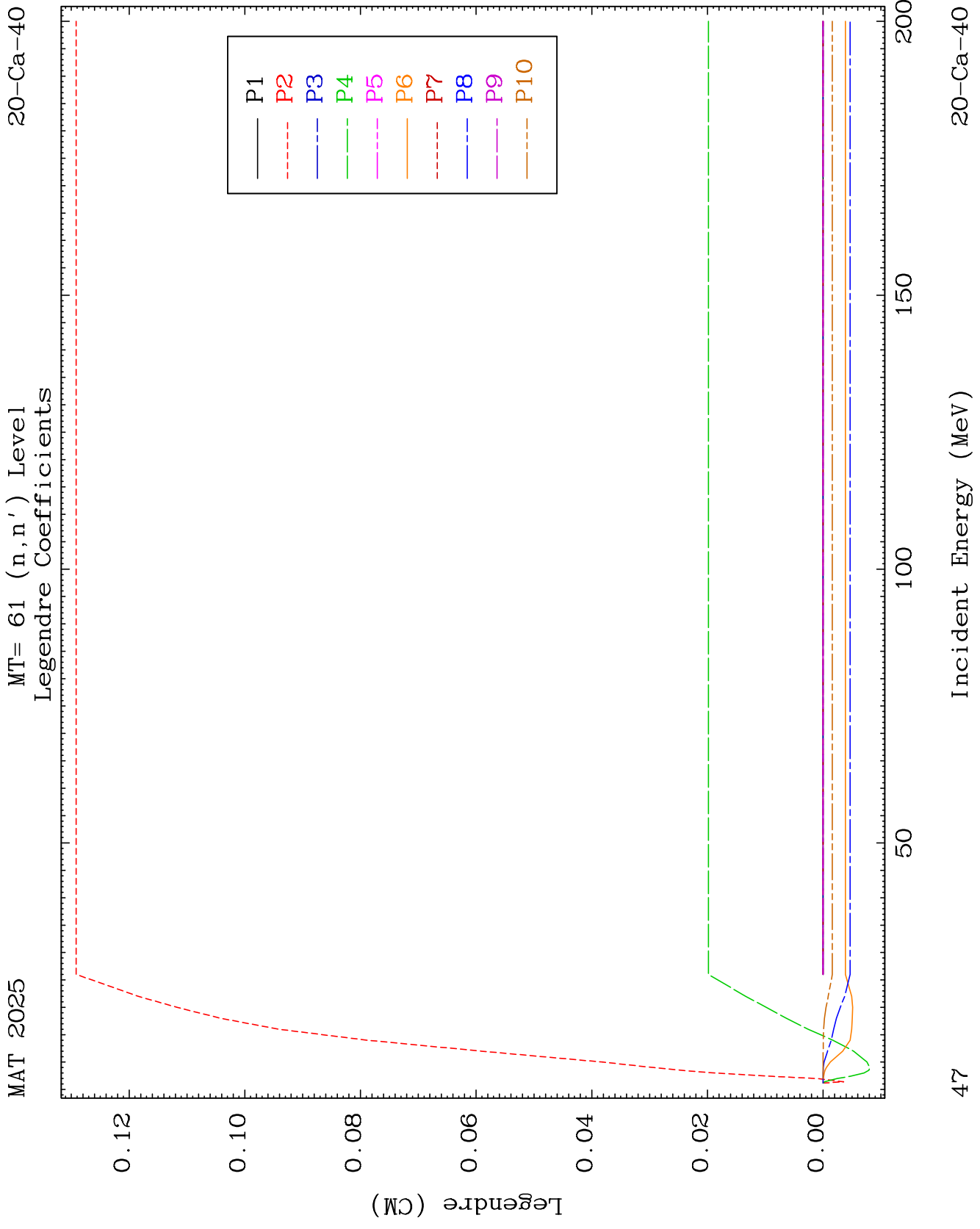


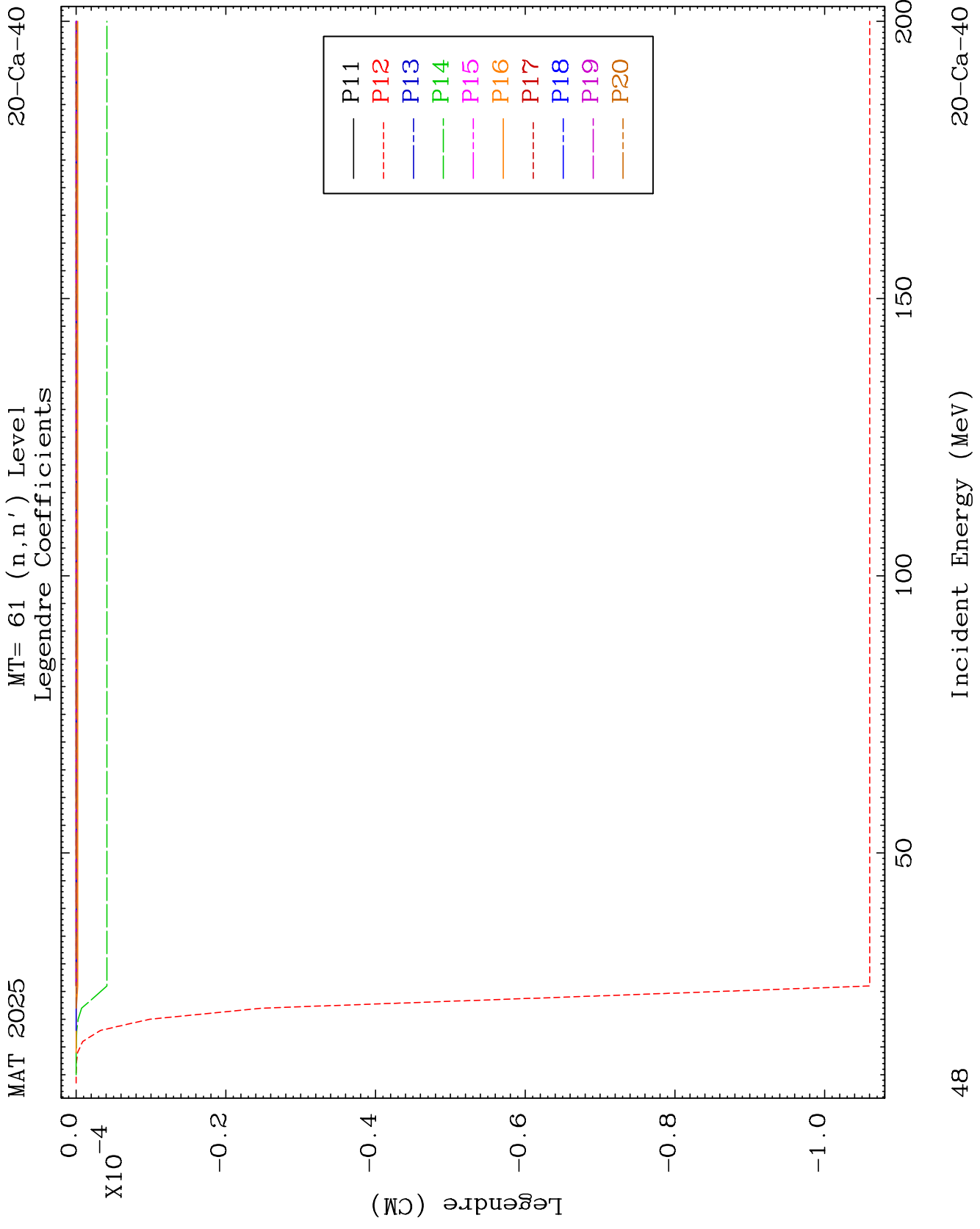


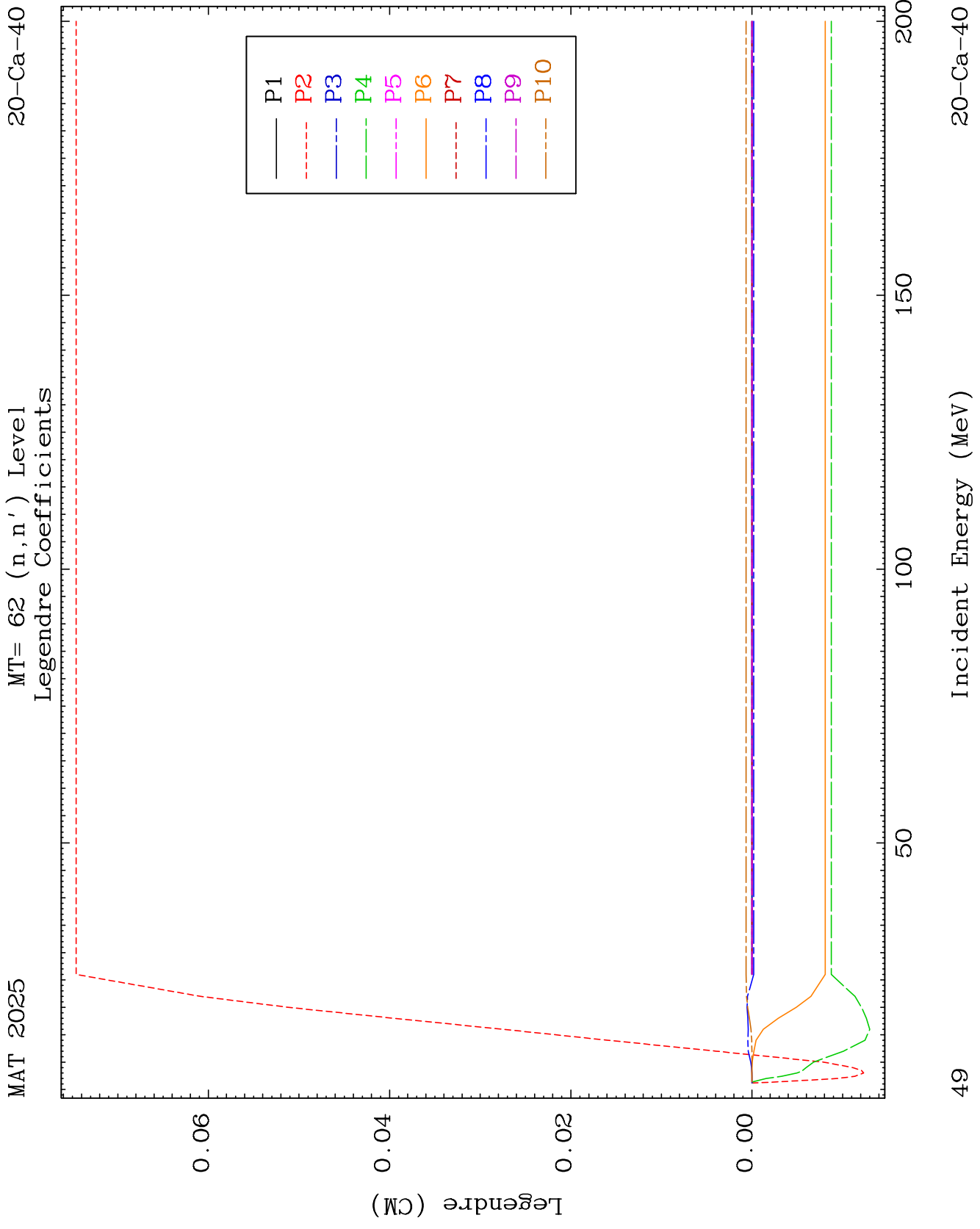


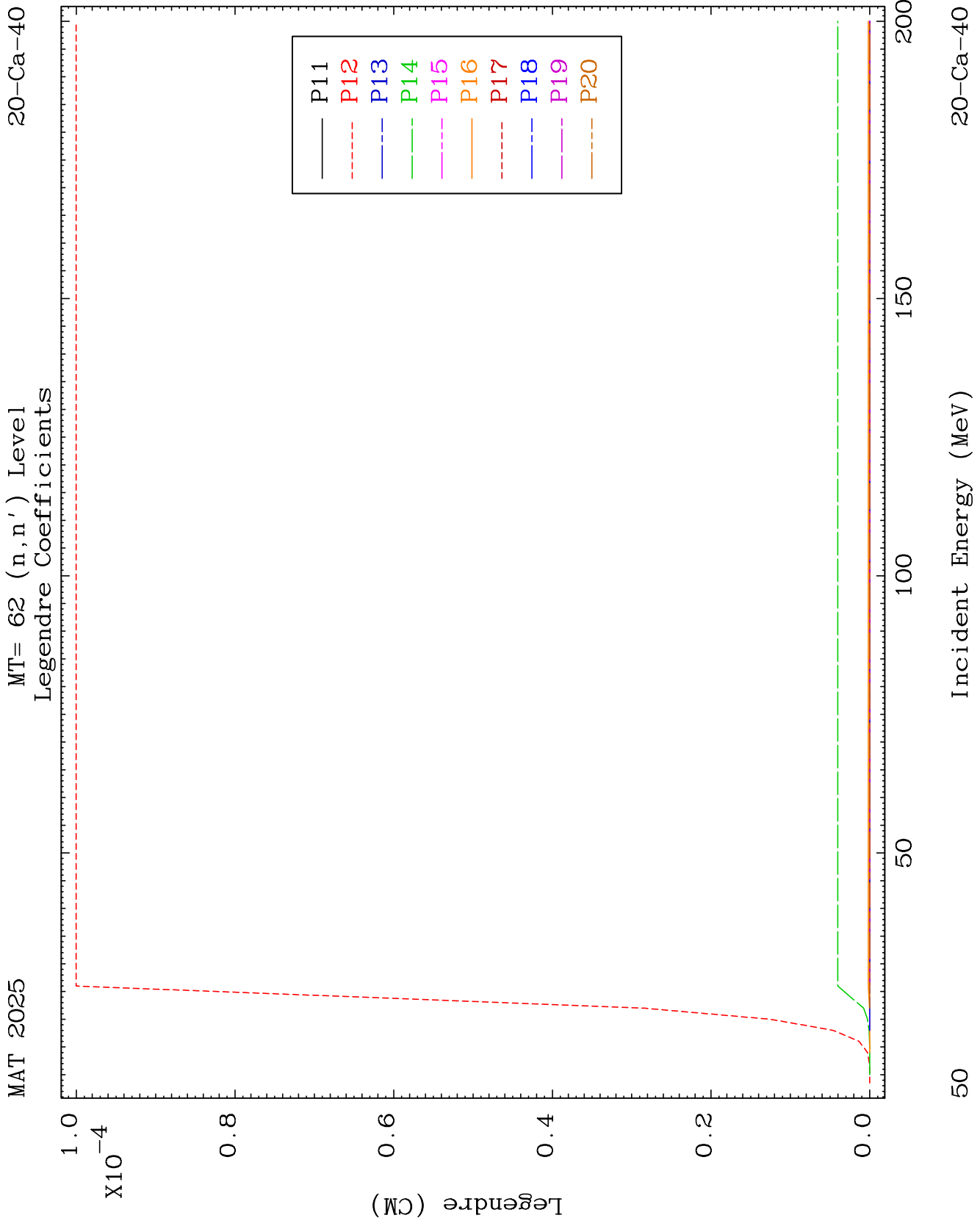








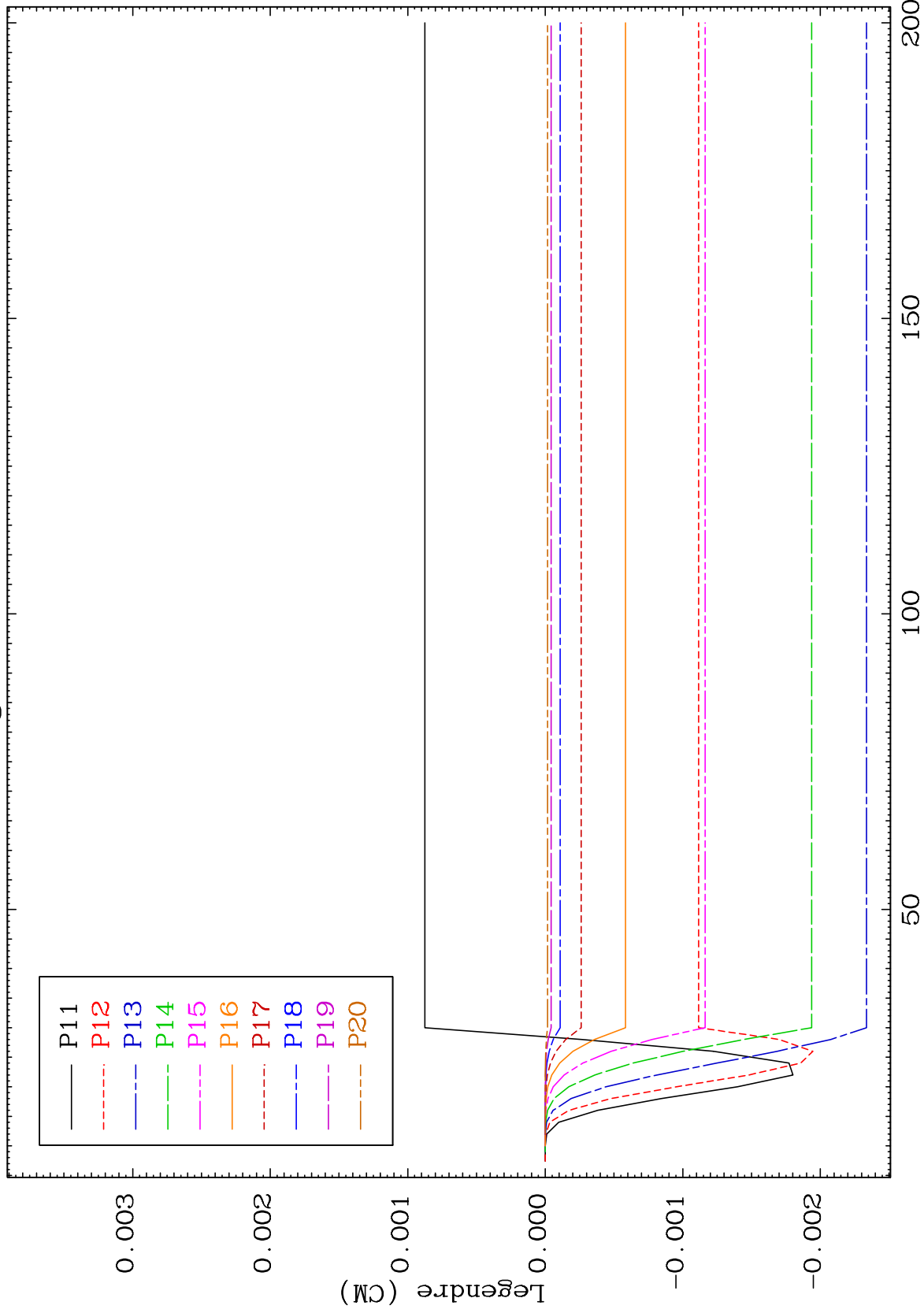


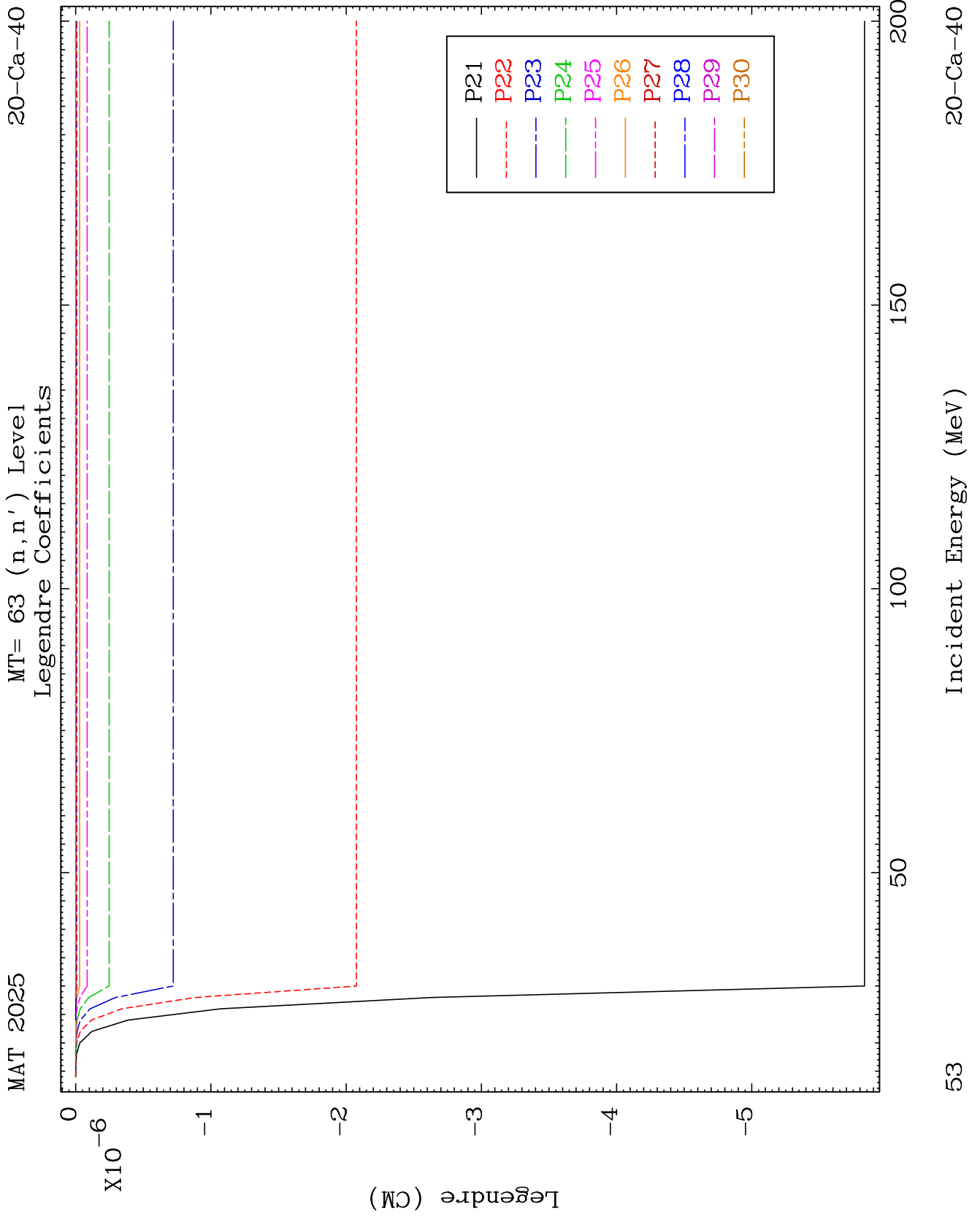


MAT 2025

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

20-Ca-40

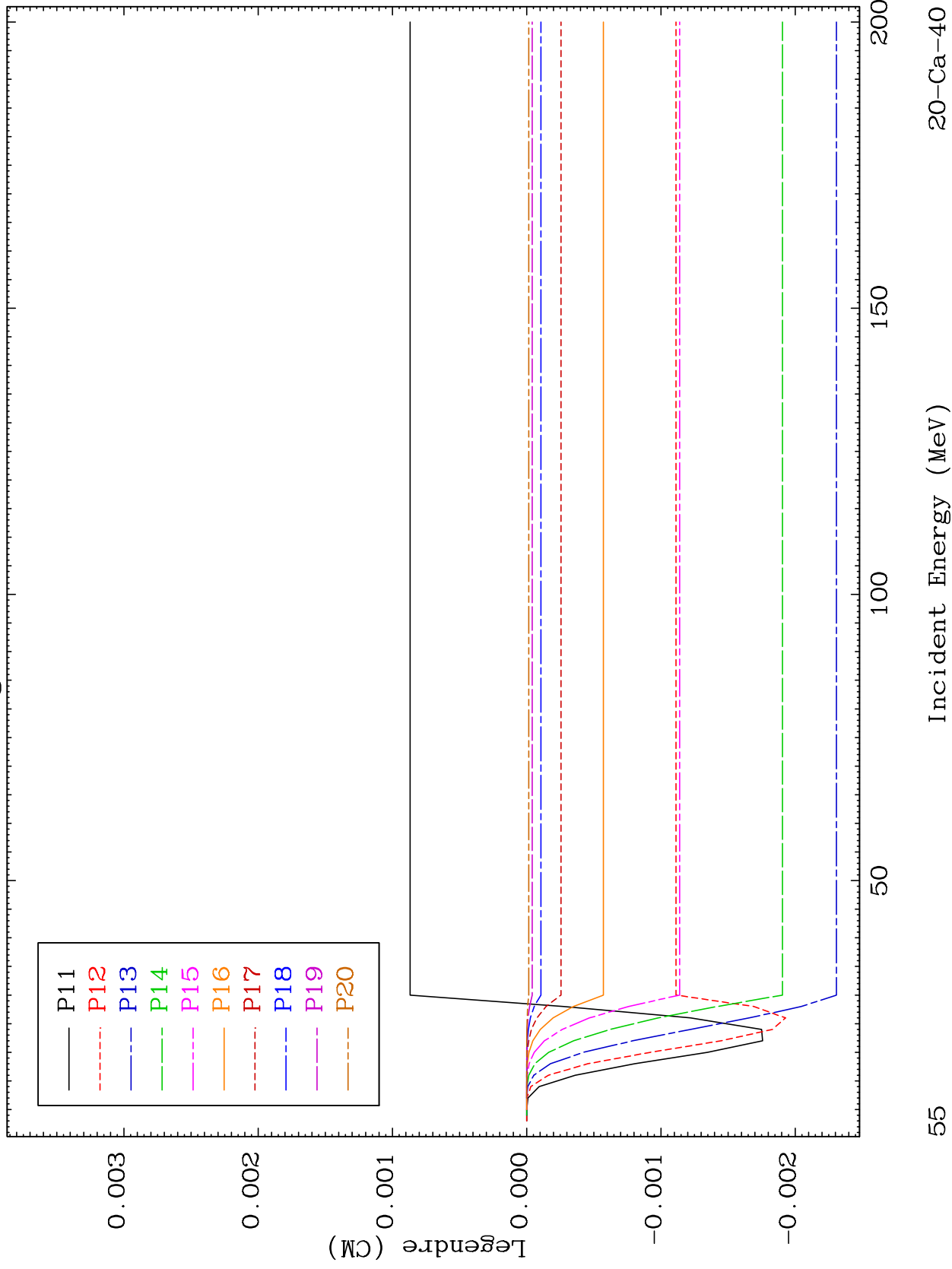




MAT 2025

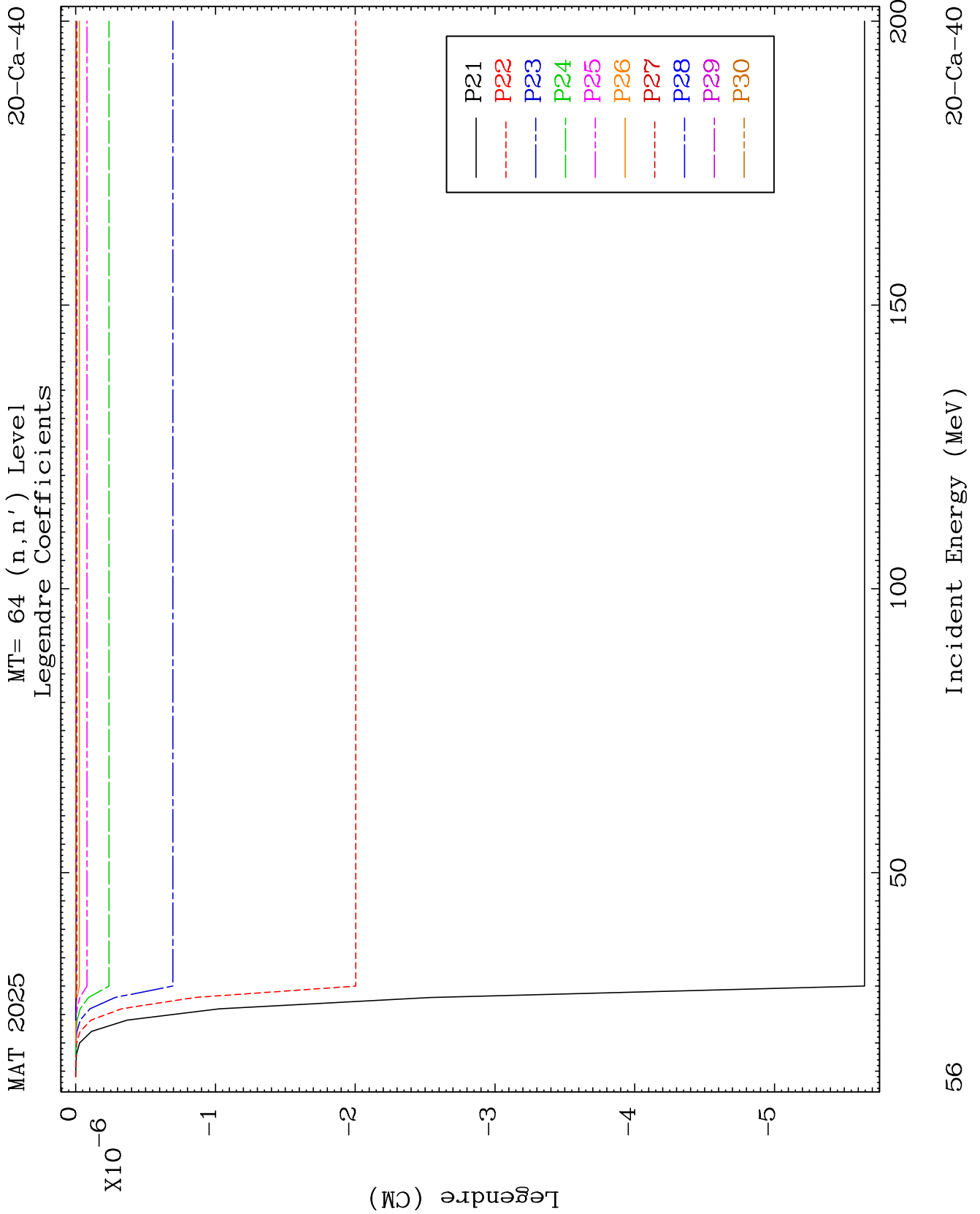
MT= 64 (n,n') Level
Legendre Coefficients

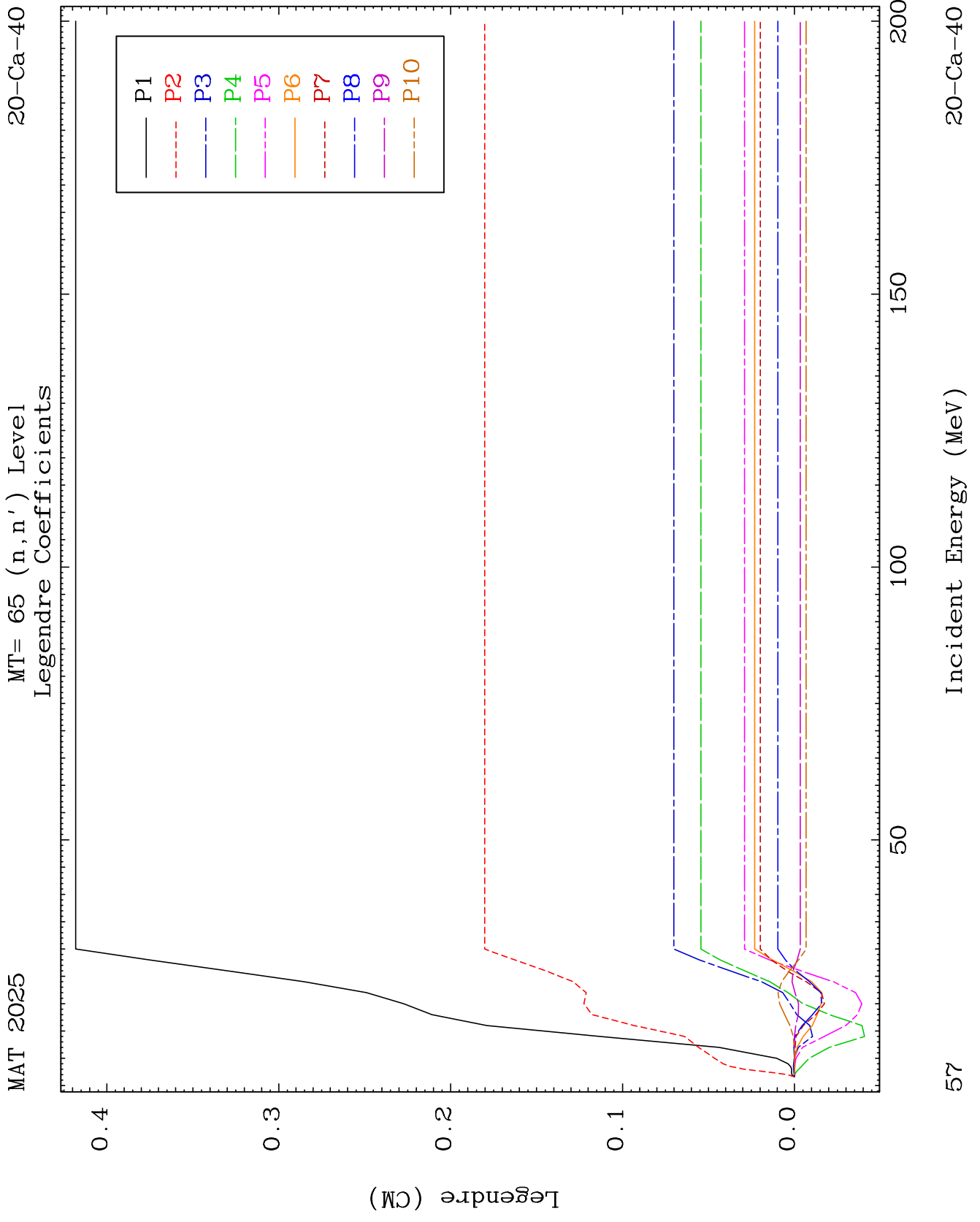
20-Ca-40

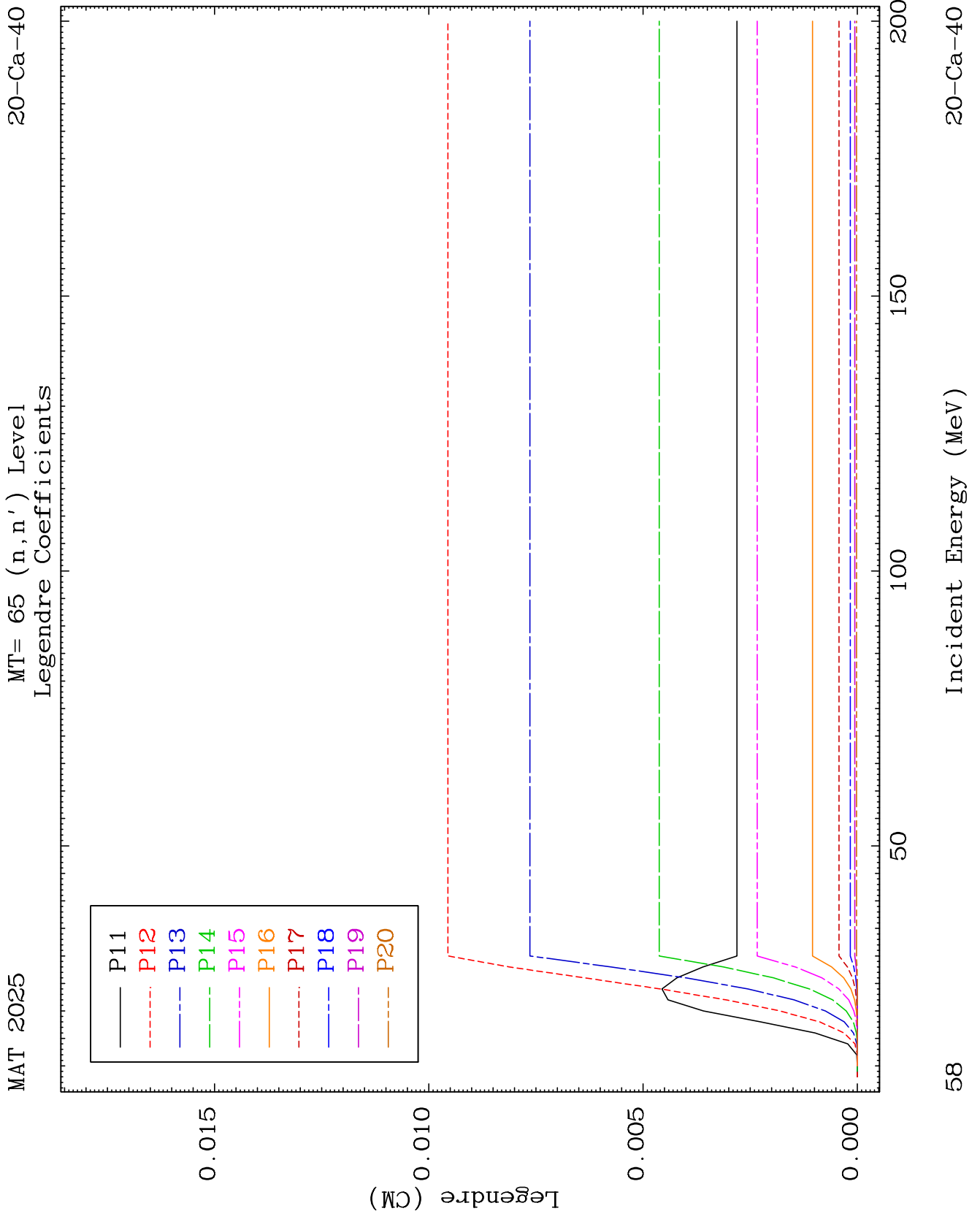


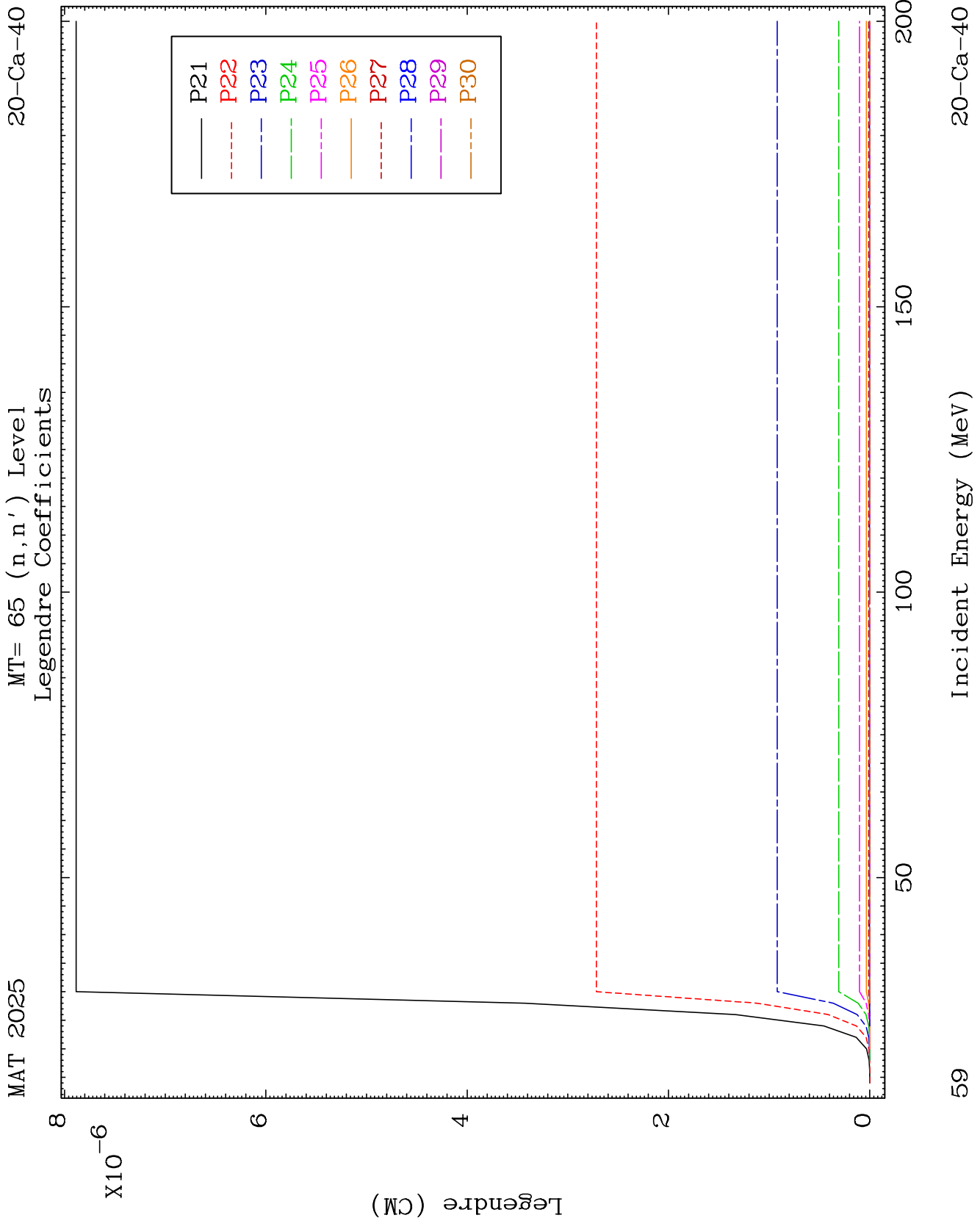
55

20-Ca-40







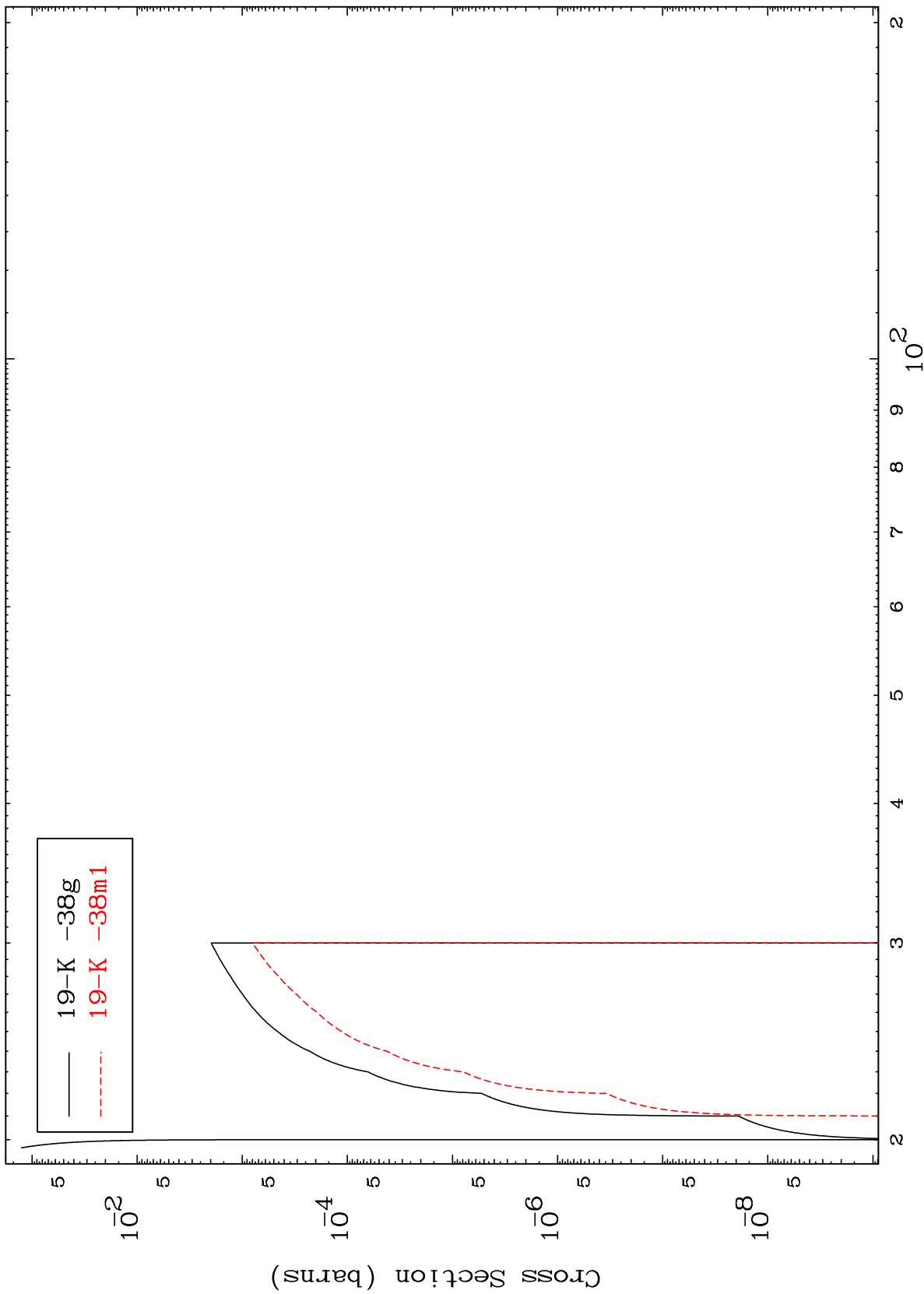


MAT 2025

(n,n') d

20-Ca-40

Radionuclide Production Cross Section



60

Incident Energy (MeV)

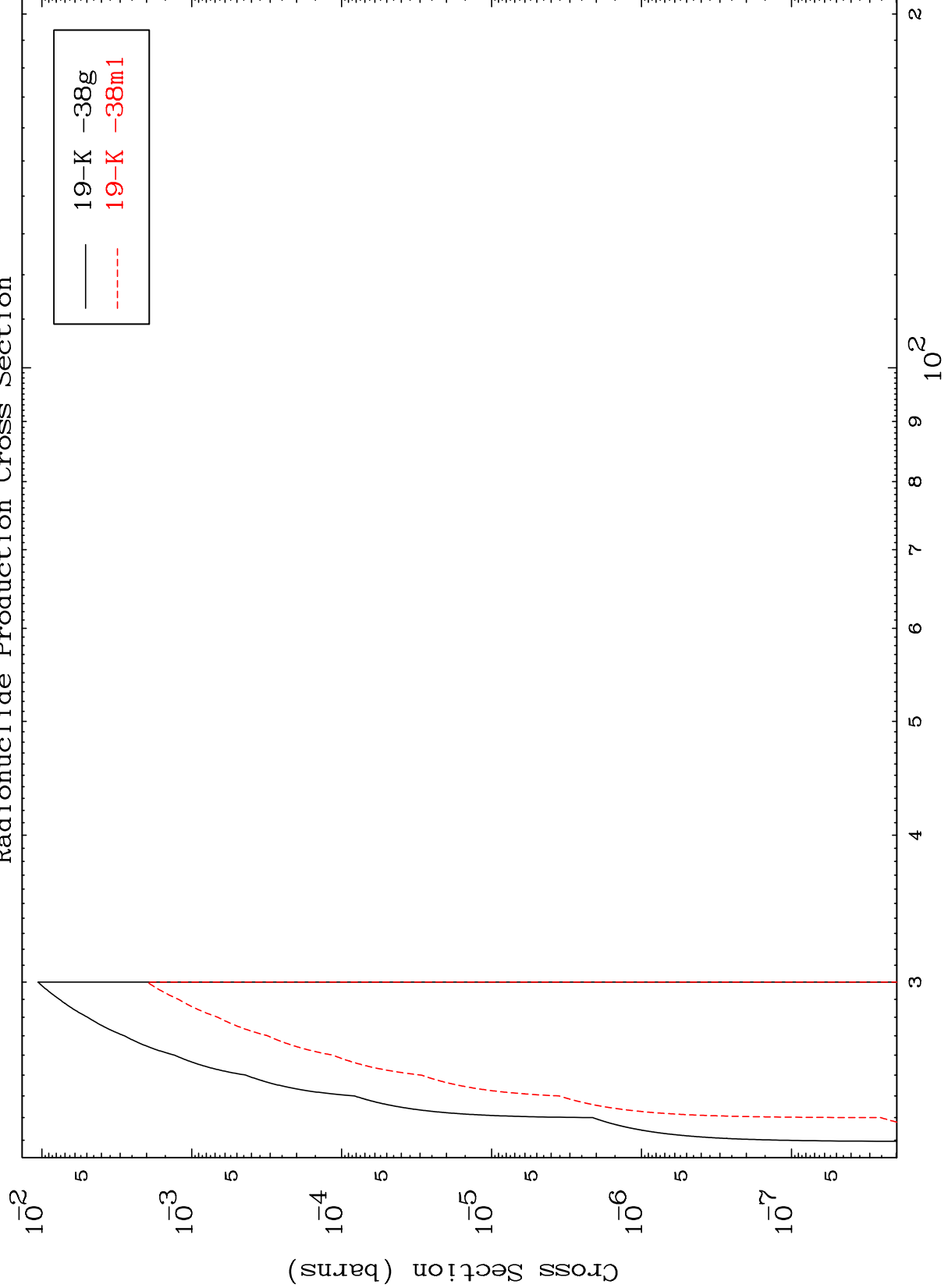
20-Ca-40

MAT 2025

(n,2n) p

20-Ca-40

Radionuclide Production Cross Section



61

Incident Energy (MeV)

20-Ca-40

(n,t)
Radionuclide Production Cross Section

