

Program EVALPLOT
(Version 2021-1)

by

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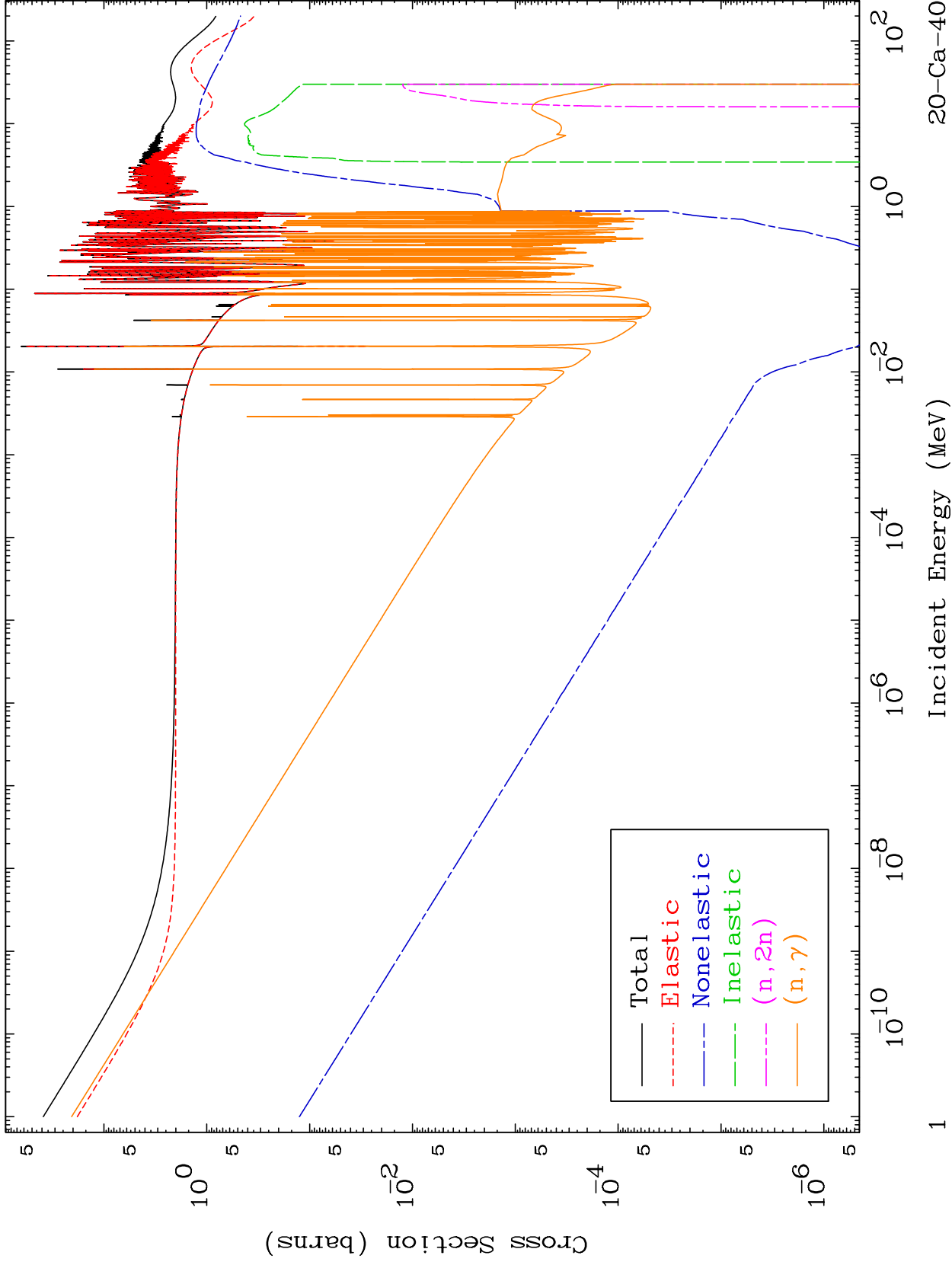
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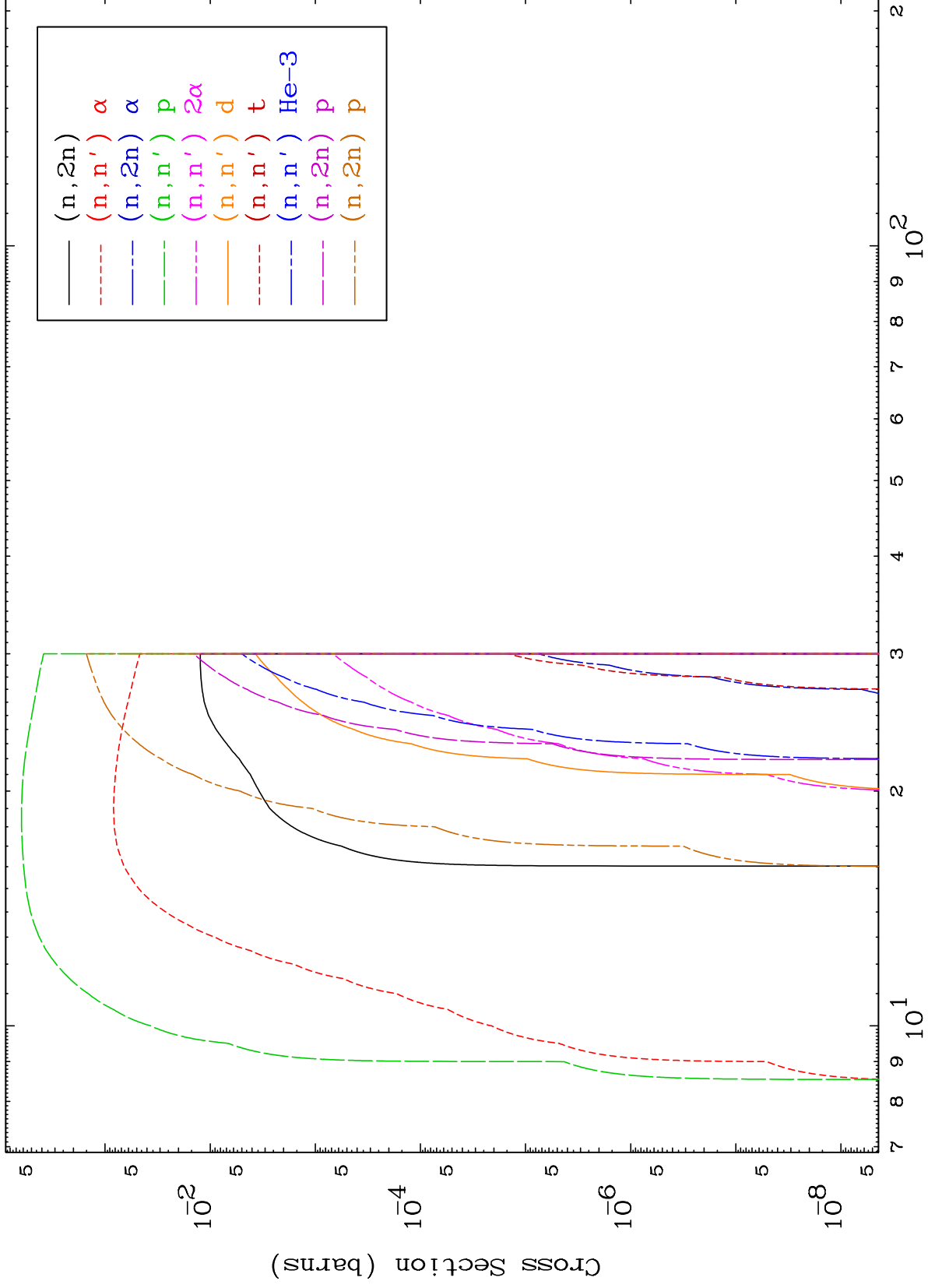
Press Mouse Button to Start

MAT 2025

Neutron Major
293 Kelvin Cross Sections

20-Ca-40

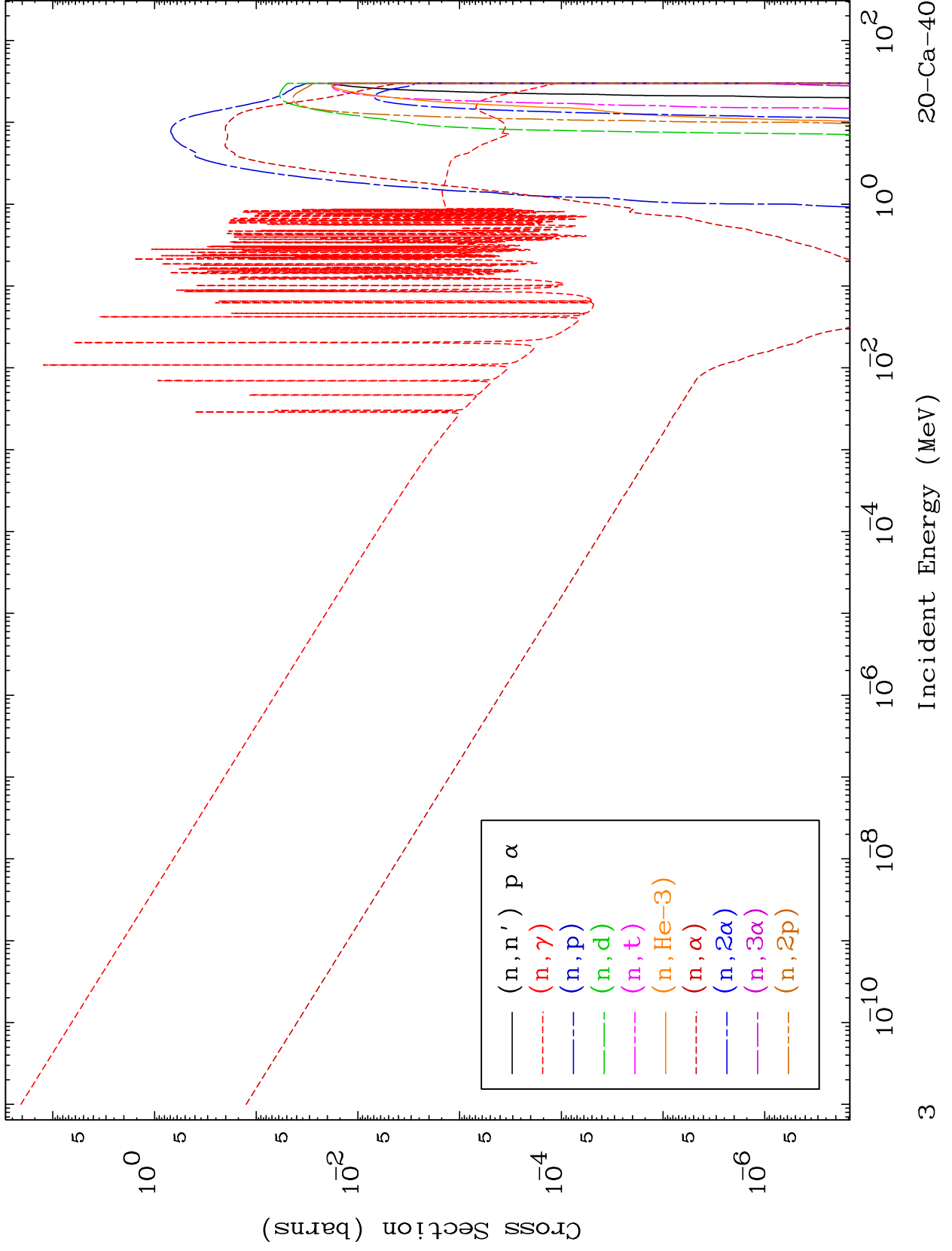


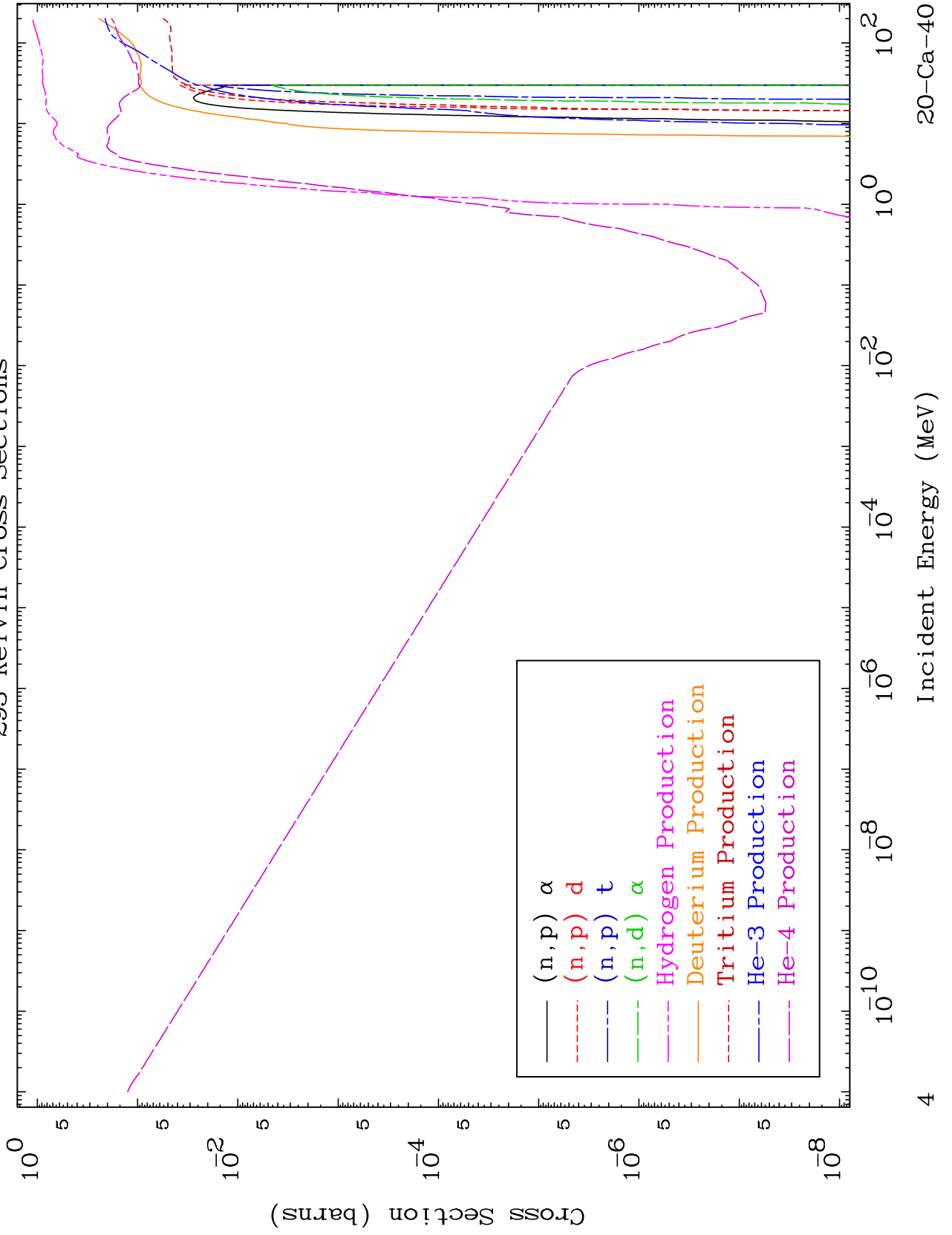


MAT 2025

Neutron Absorption
293 Kelvin Cross Sections

20-Ca-40

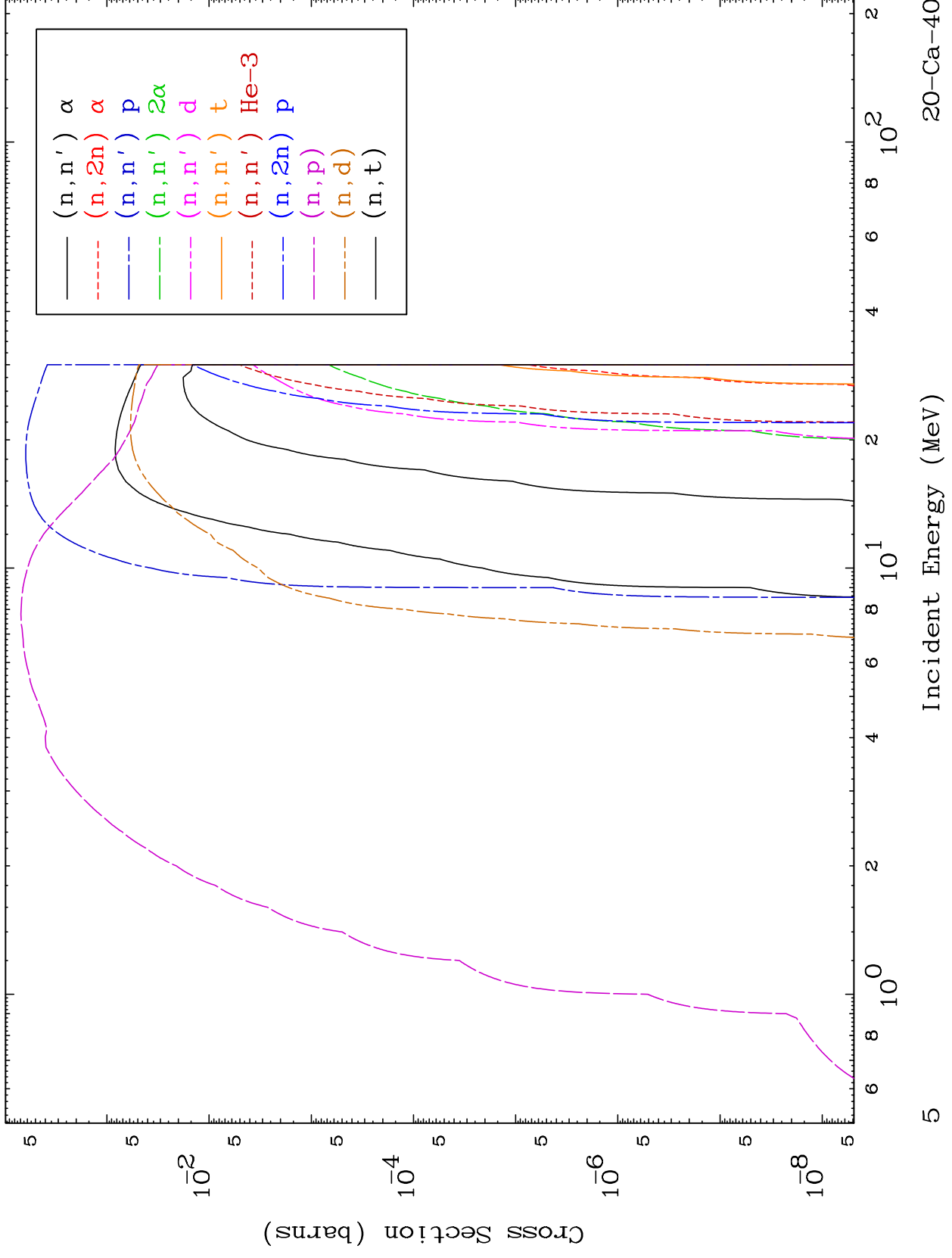


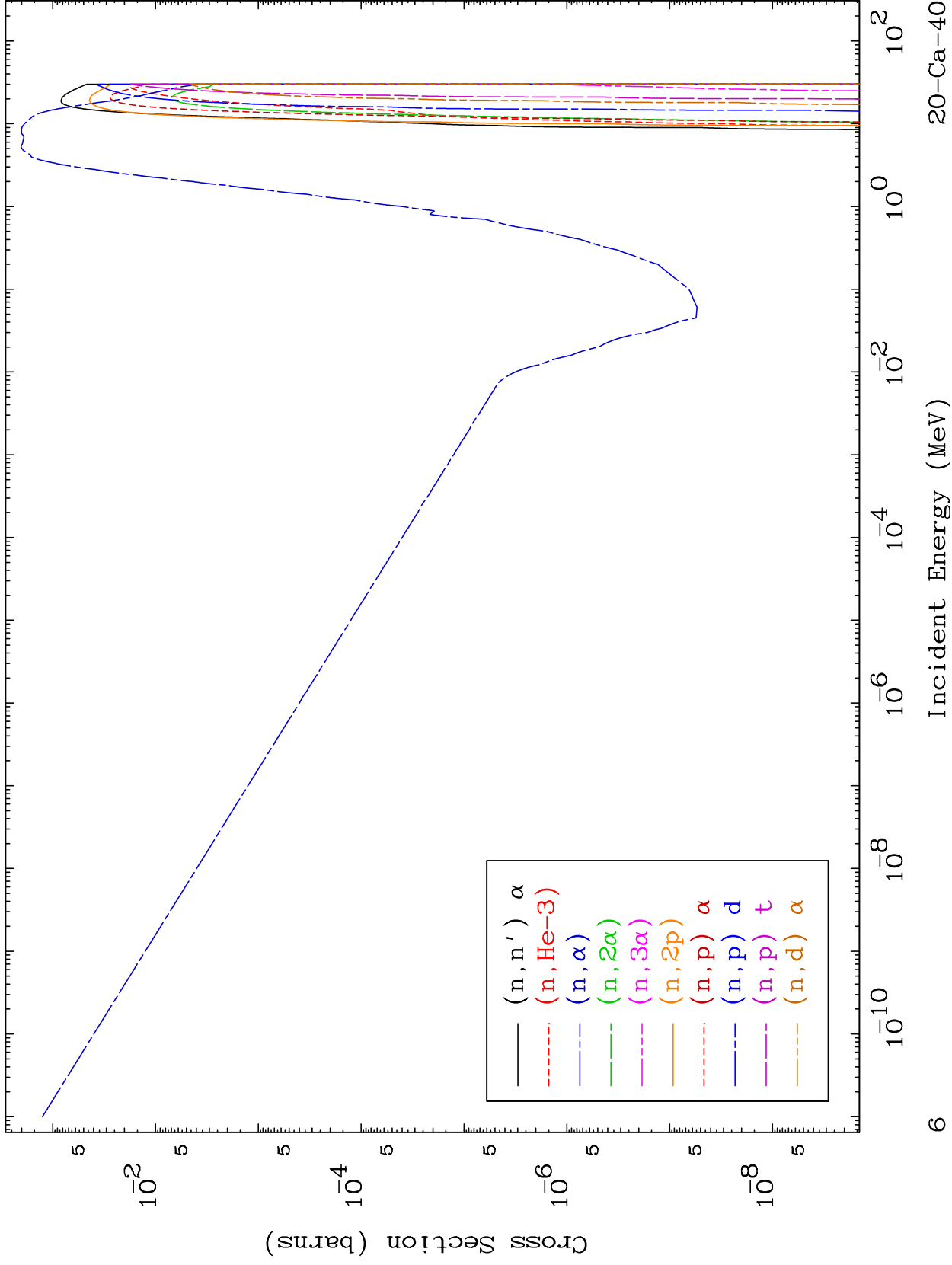


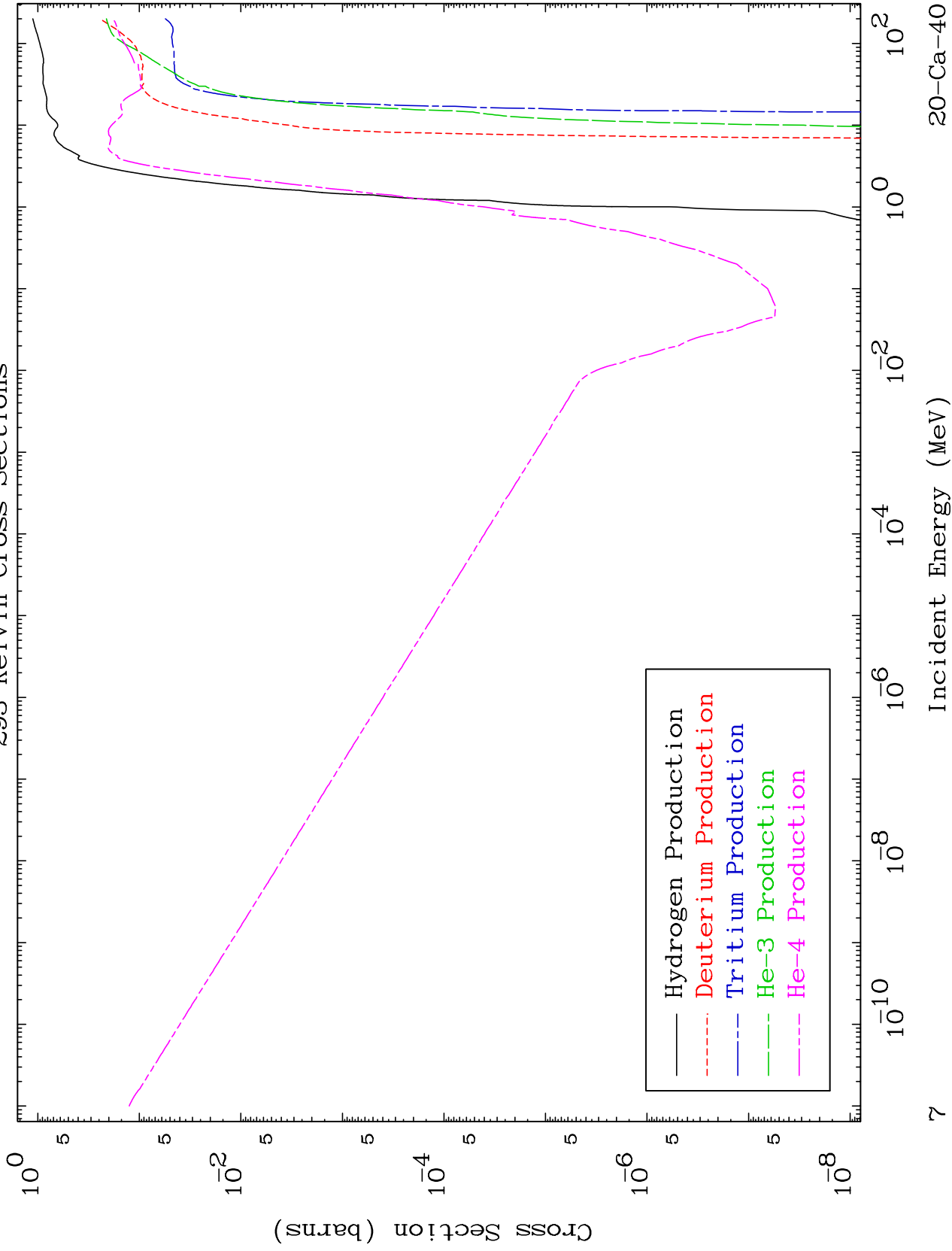
MAT 2025

Charged Particle
293 Kelvin Cross Sections

20-Ca-40





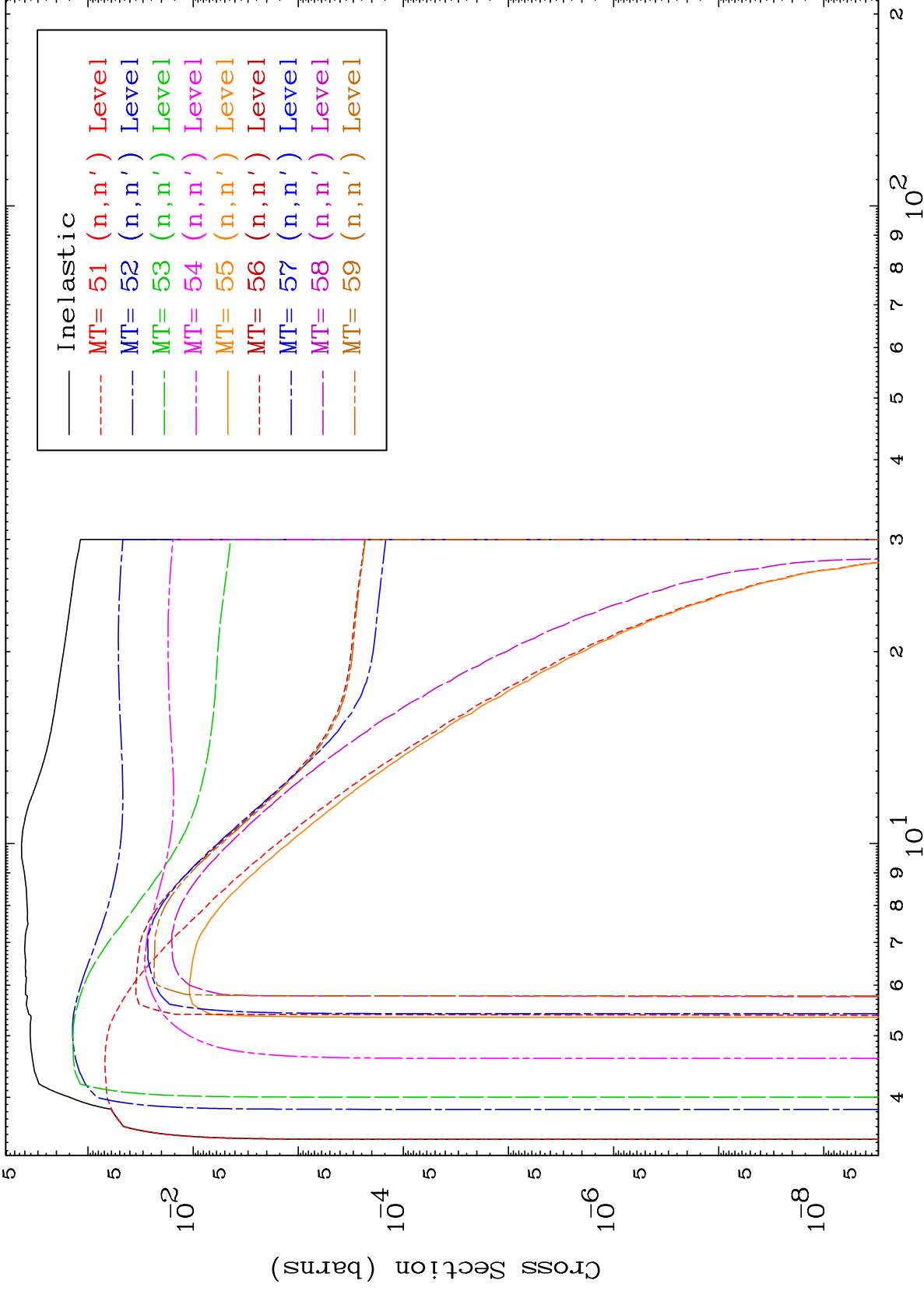


MAT 2025

(n,n') Levels

20-Ca-40

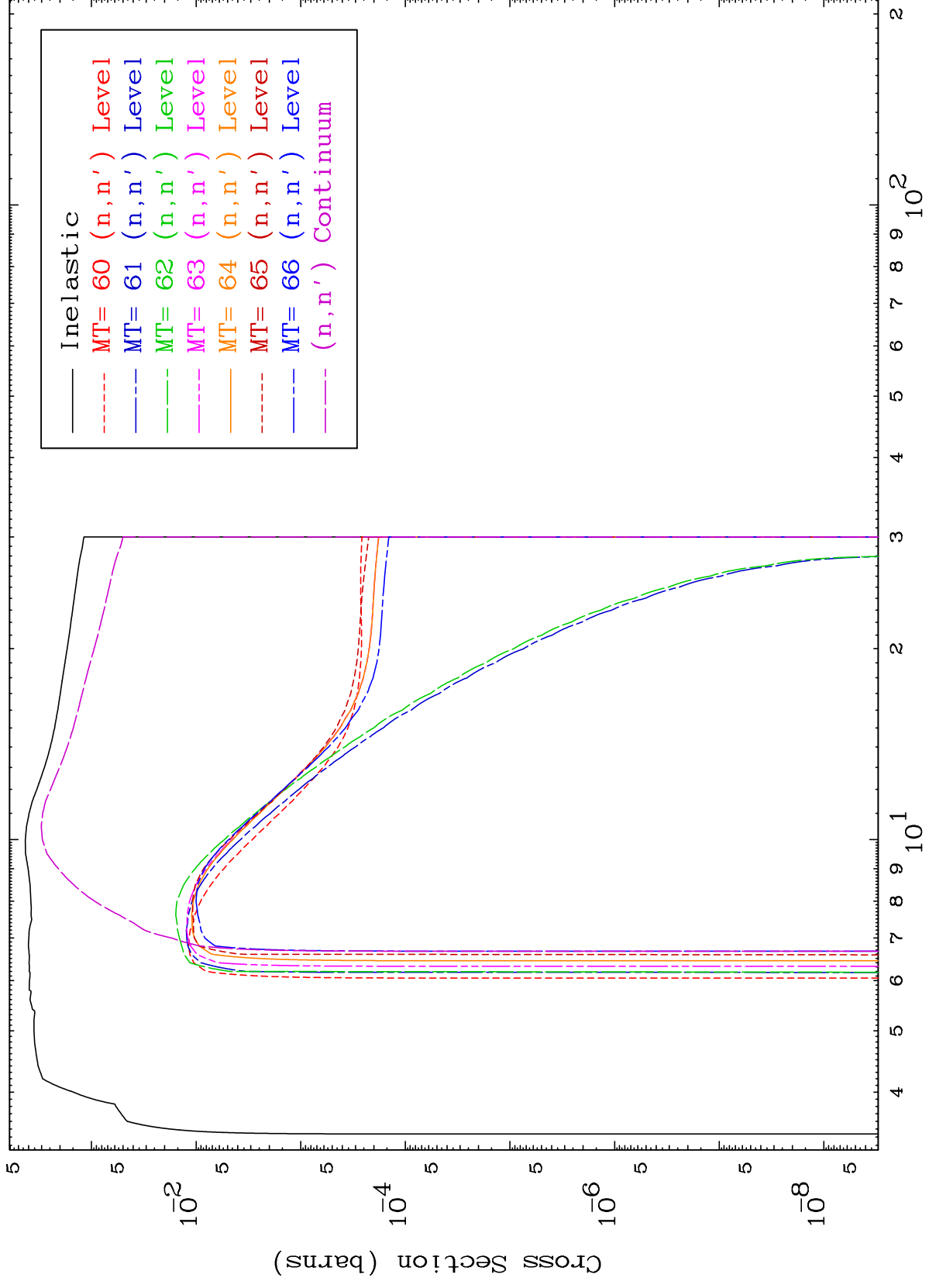
293 Kelvin Cross Sections



8

Incident Energy (MeV)

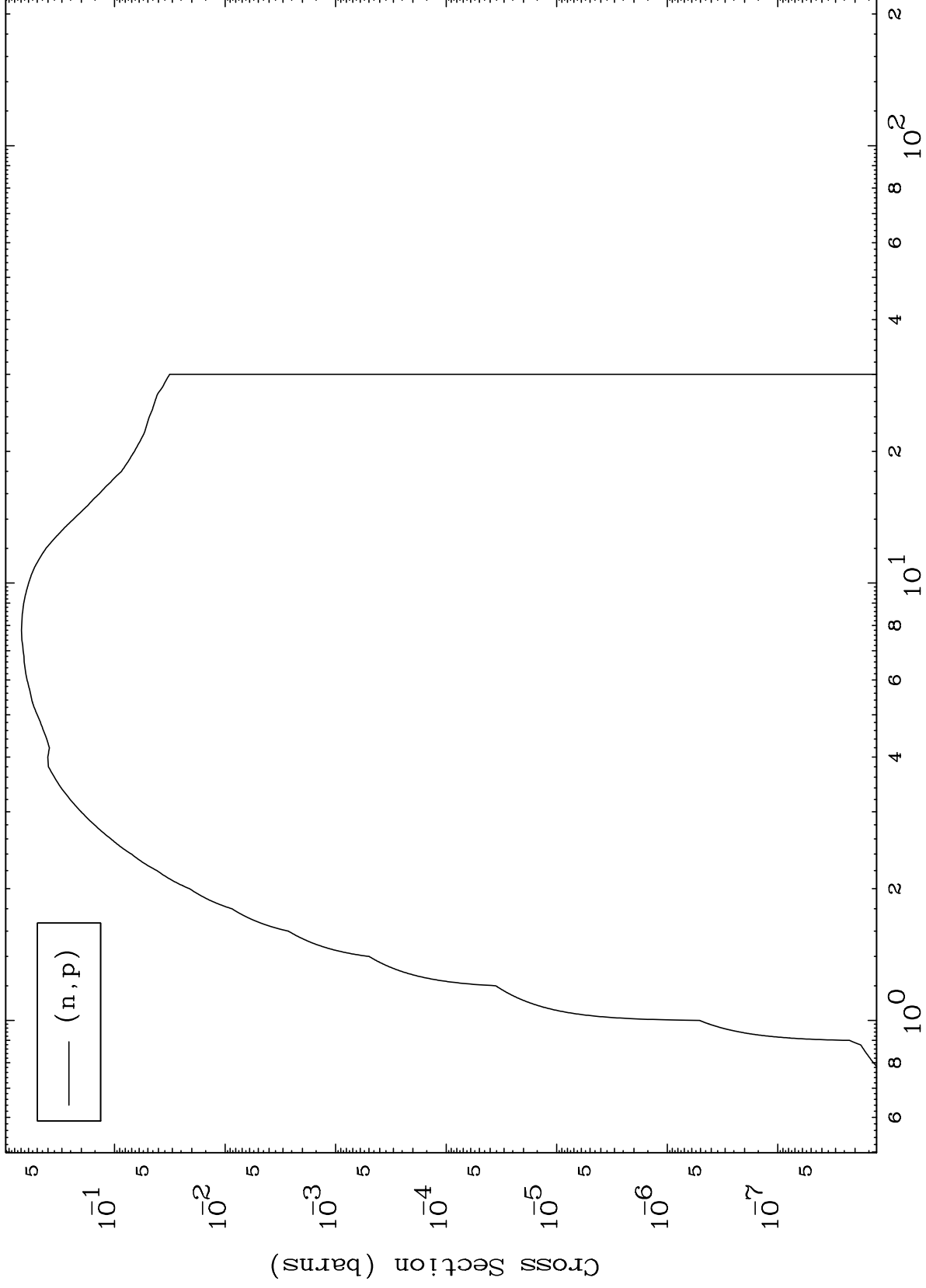
20-Ca-40



MAT 2025

(n,p) Levels
293 Kelvin Cross Sections

20-Ca-40



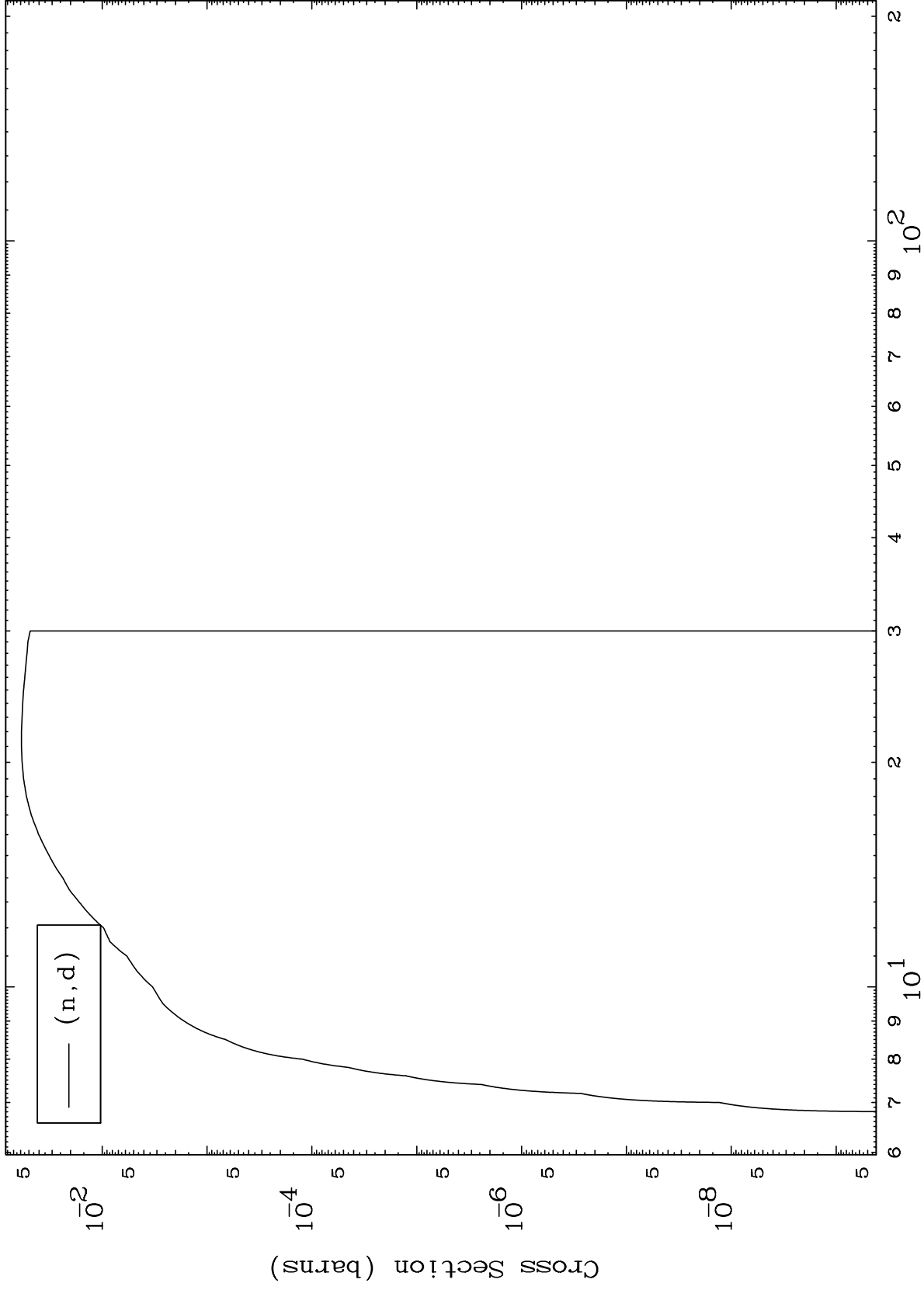
Incident Energy (MeV)

20-Ca-40

MAT 2025

(n,d) Levels
293 Kelvin Cross Sections

20-Ca-40



11

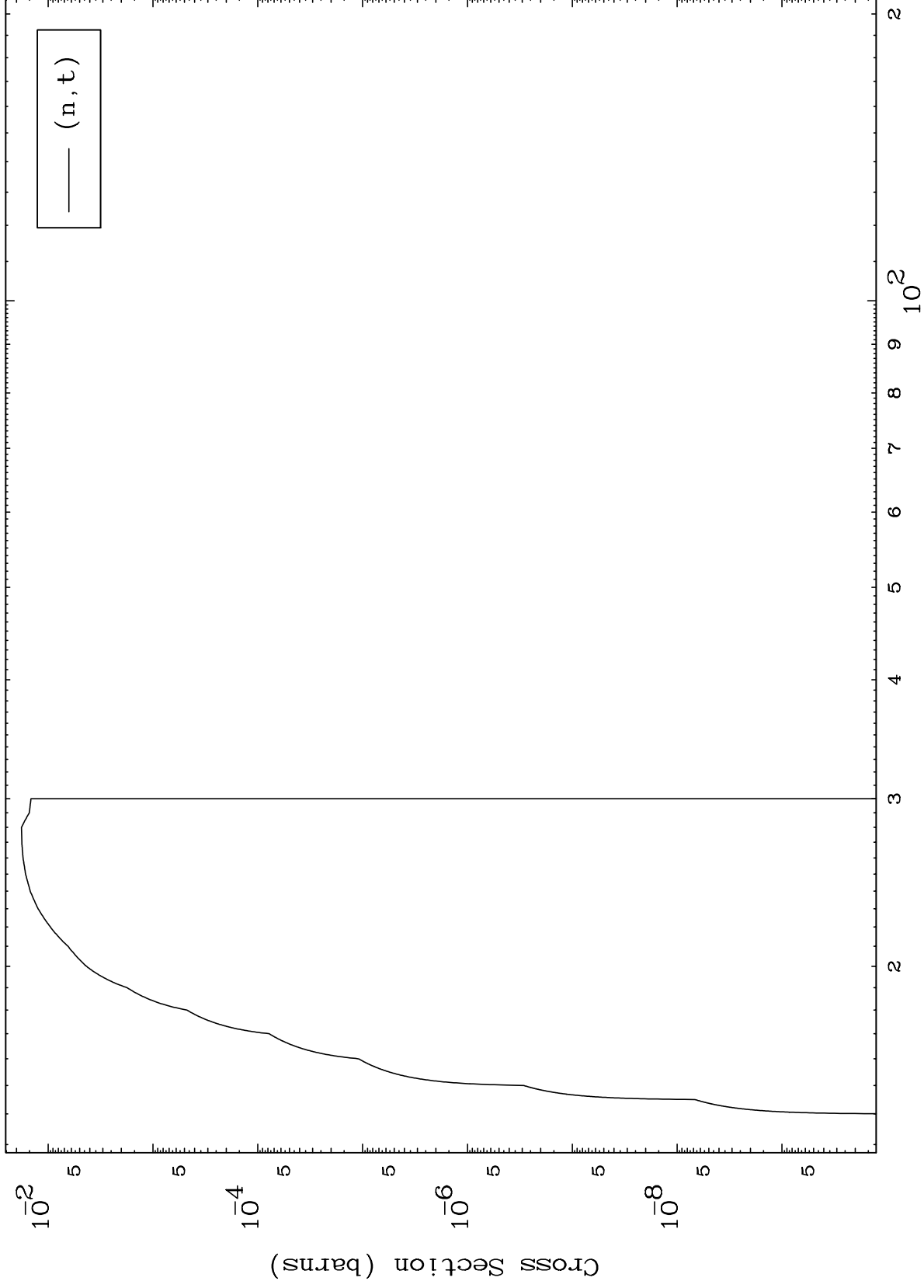
Incident Energy (MeV)

20-Ca-40

MAT 2025

(n,t) Levels
293 Kelvin Cross Sections

20-Ca-40



12

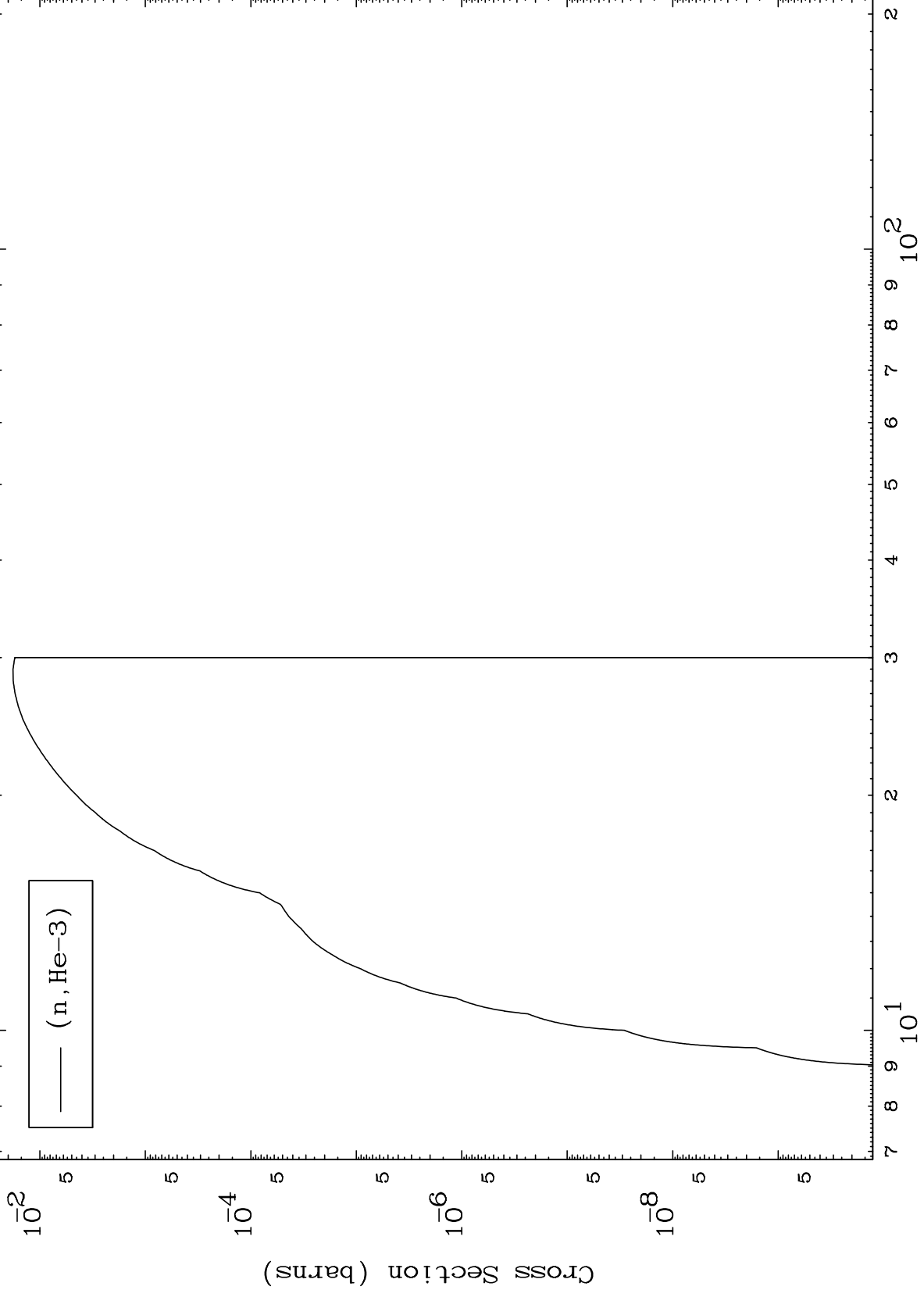
Incident Energy (MeV)

20-Ca-40

MAT 2025

(n,He3) Levels
293 Kelvin Cross Sections

20-Ca-40



13

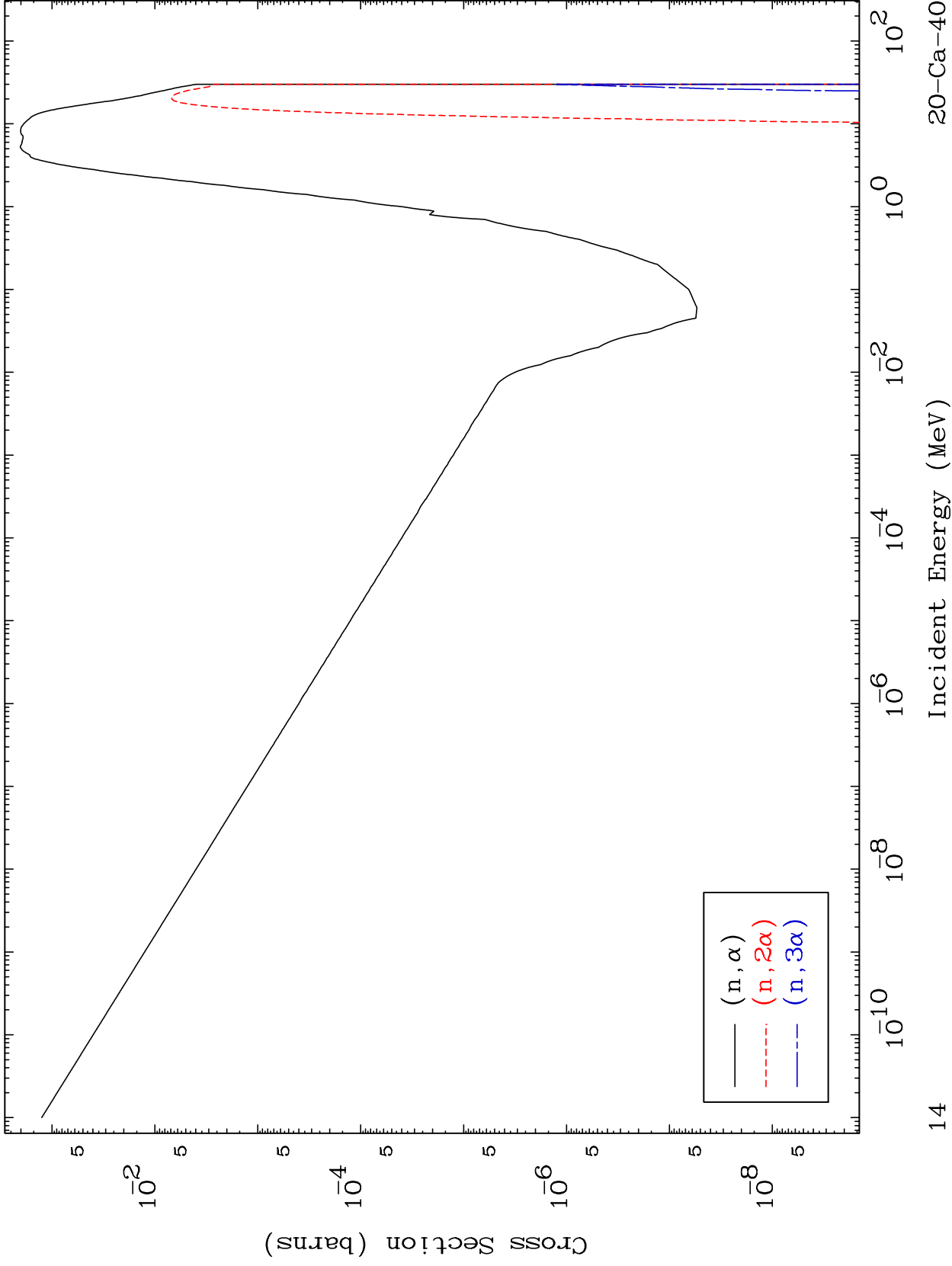
Incident Energy (MeV)

20-Ca-40

MAT 2025

293 (n,α) Levels
Kelvin Cross Sections

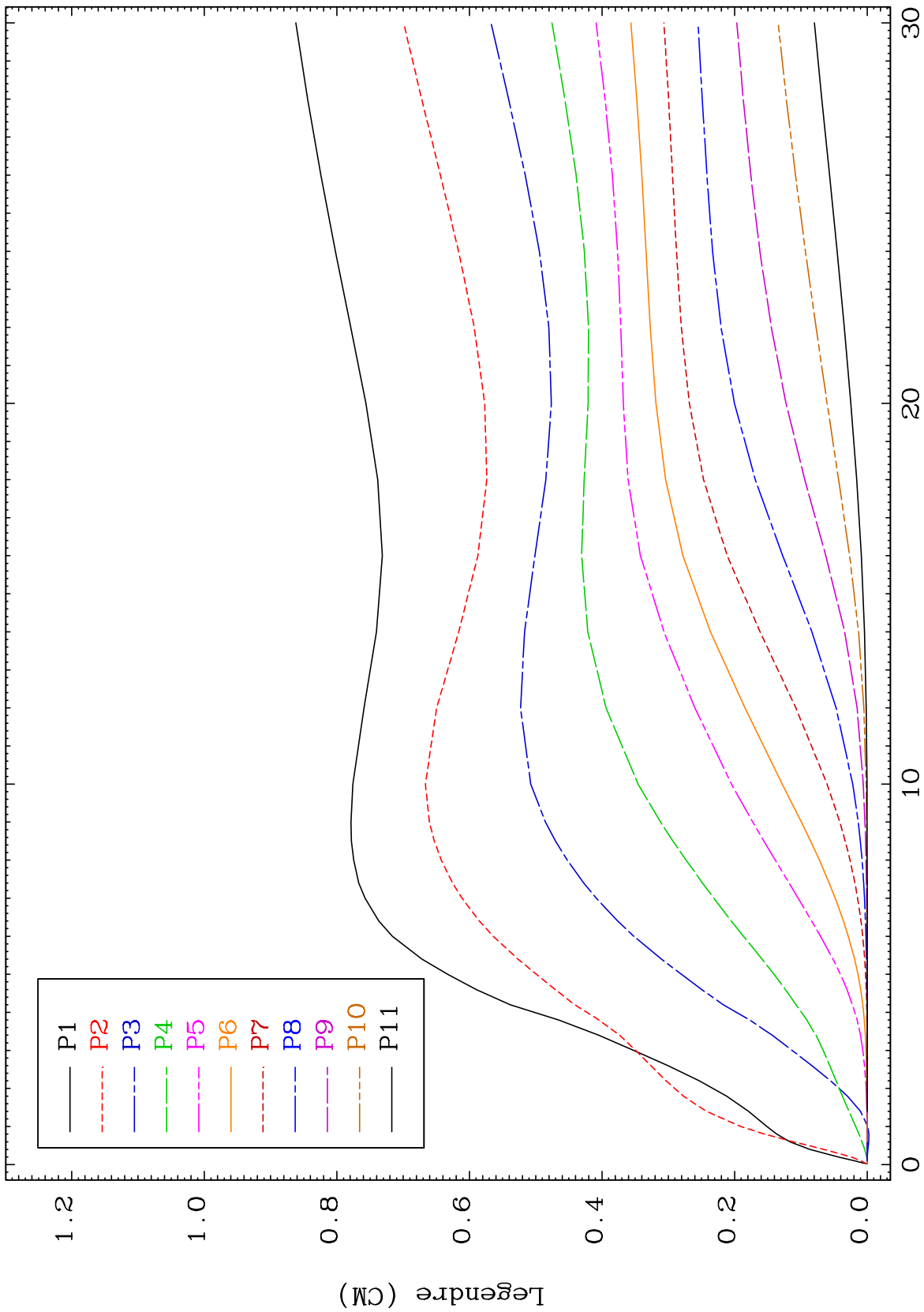
20-Ca-40



MAT 2025

Elastic Legendre Coefficients

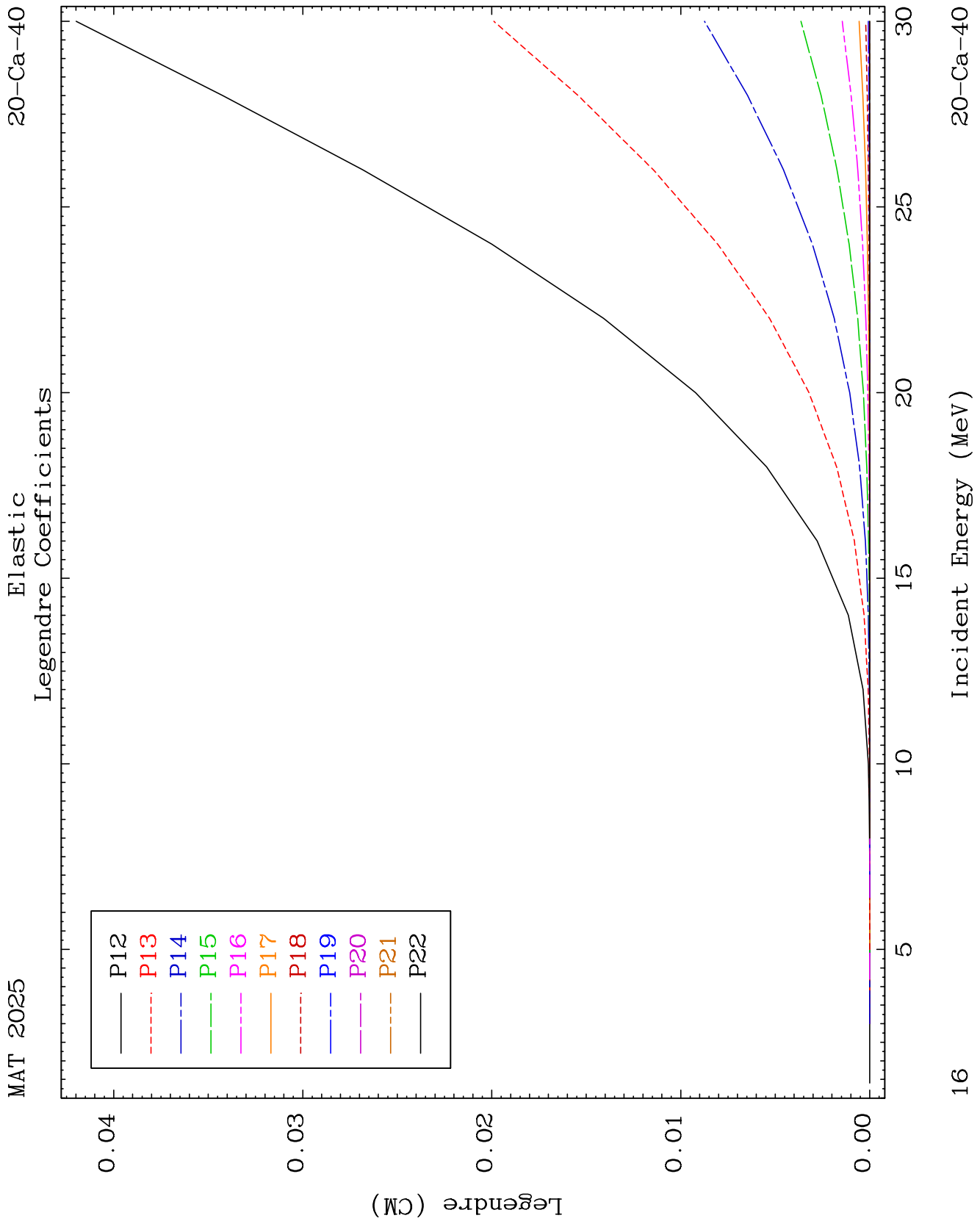
20-Ca-40



Incident Energy (MeV)

20-Ca-40

15

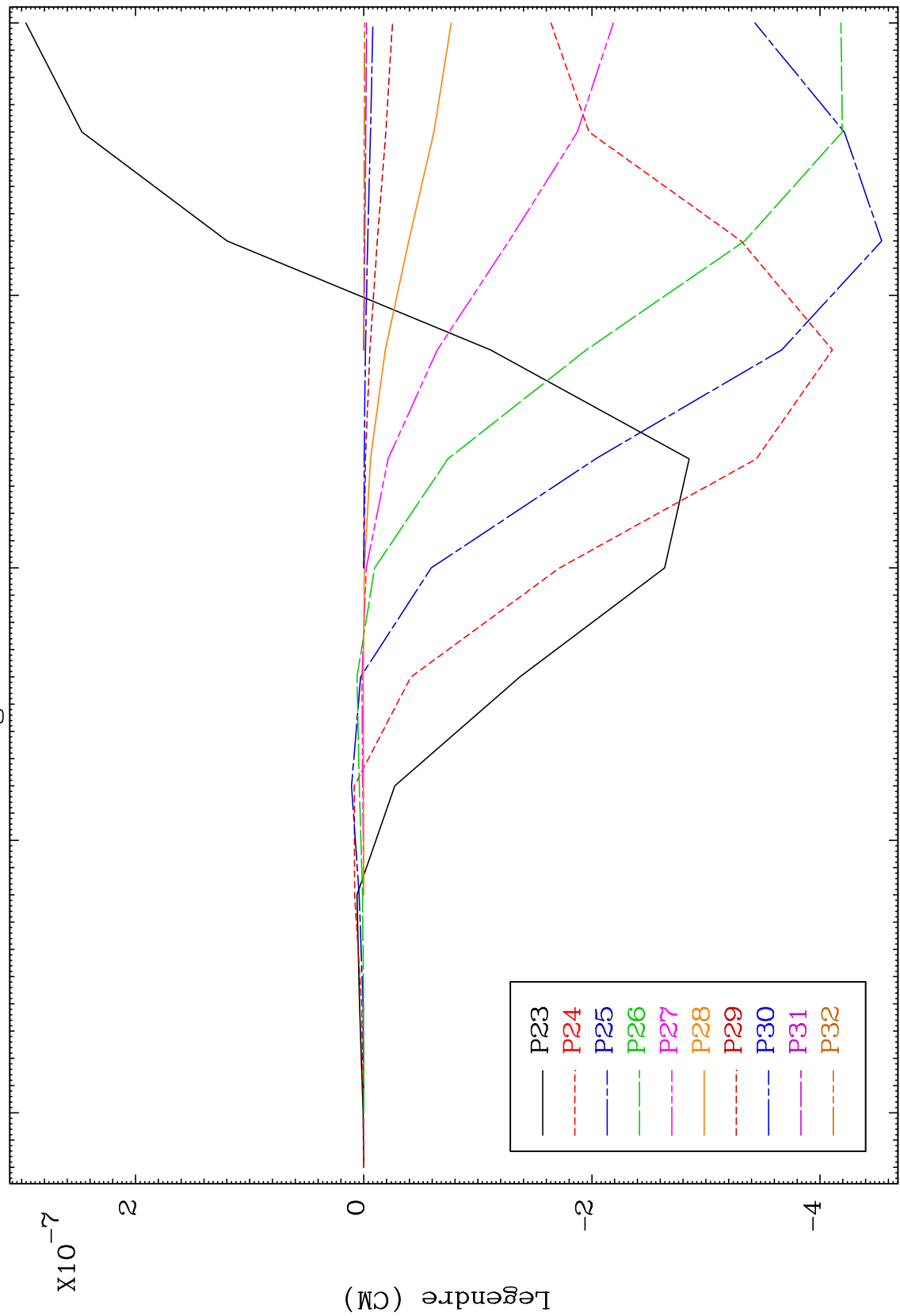


MAT 2025

Elastic Legendre Coefficients

20-Ca-40

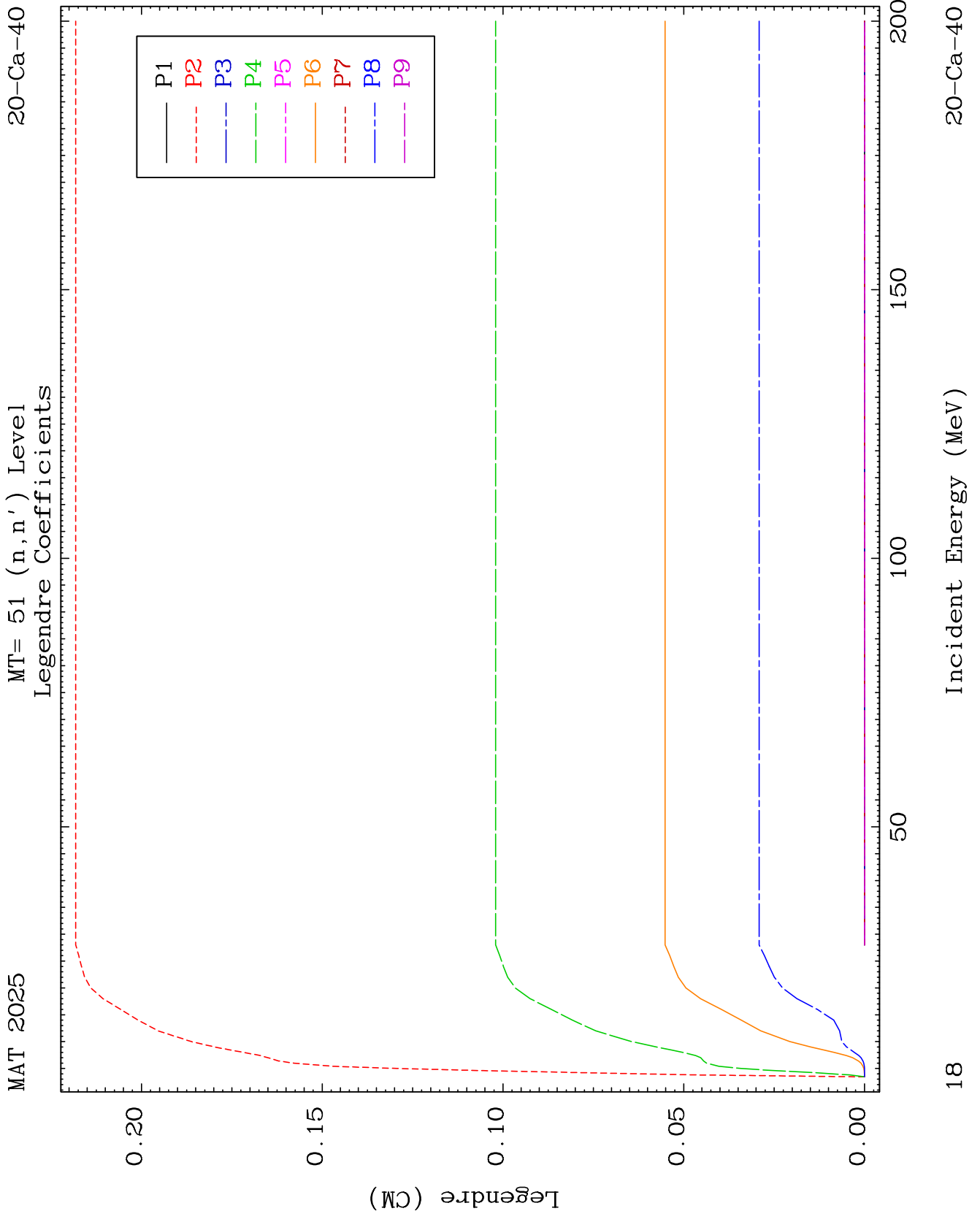
$\times 10^{-7}$

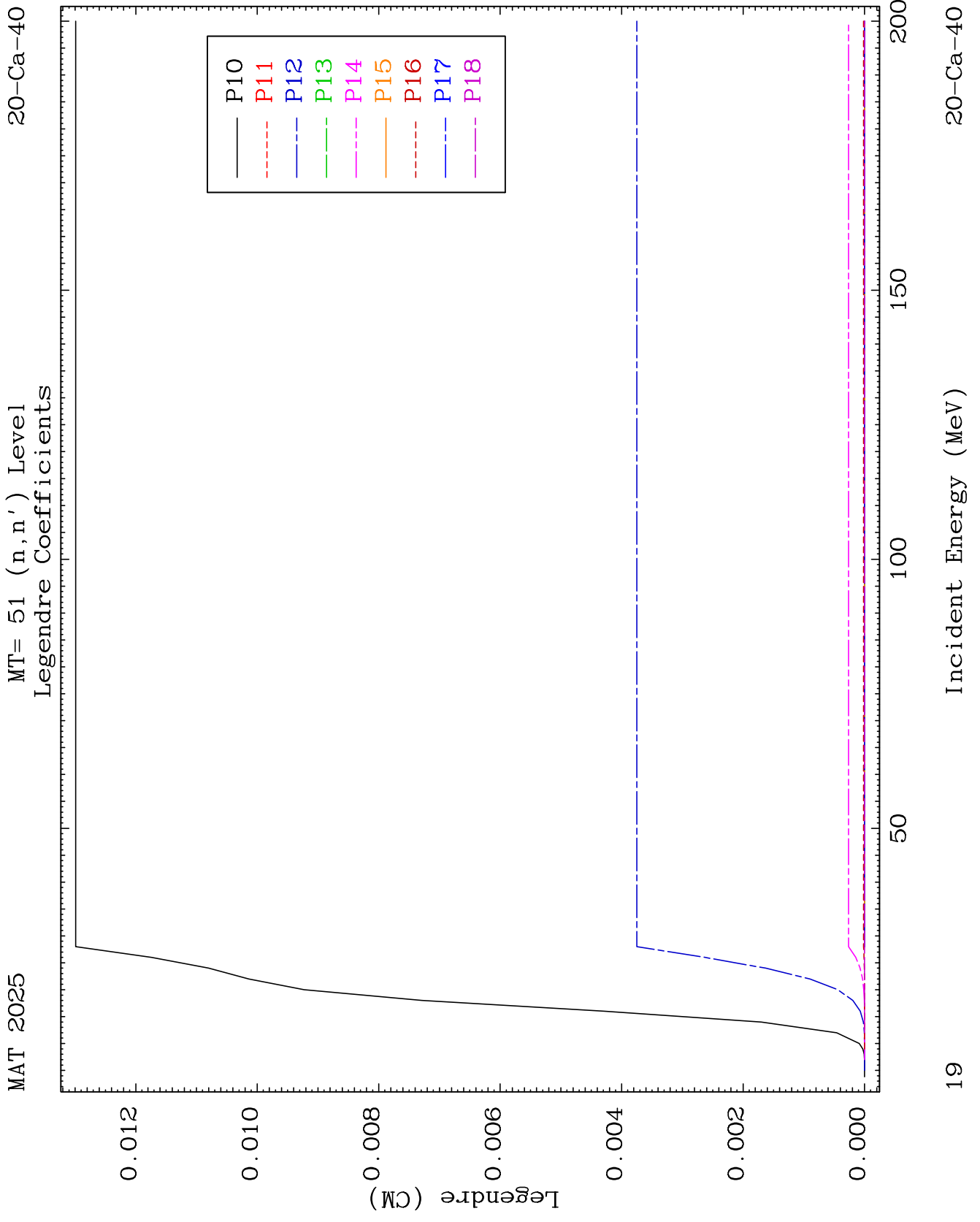


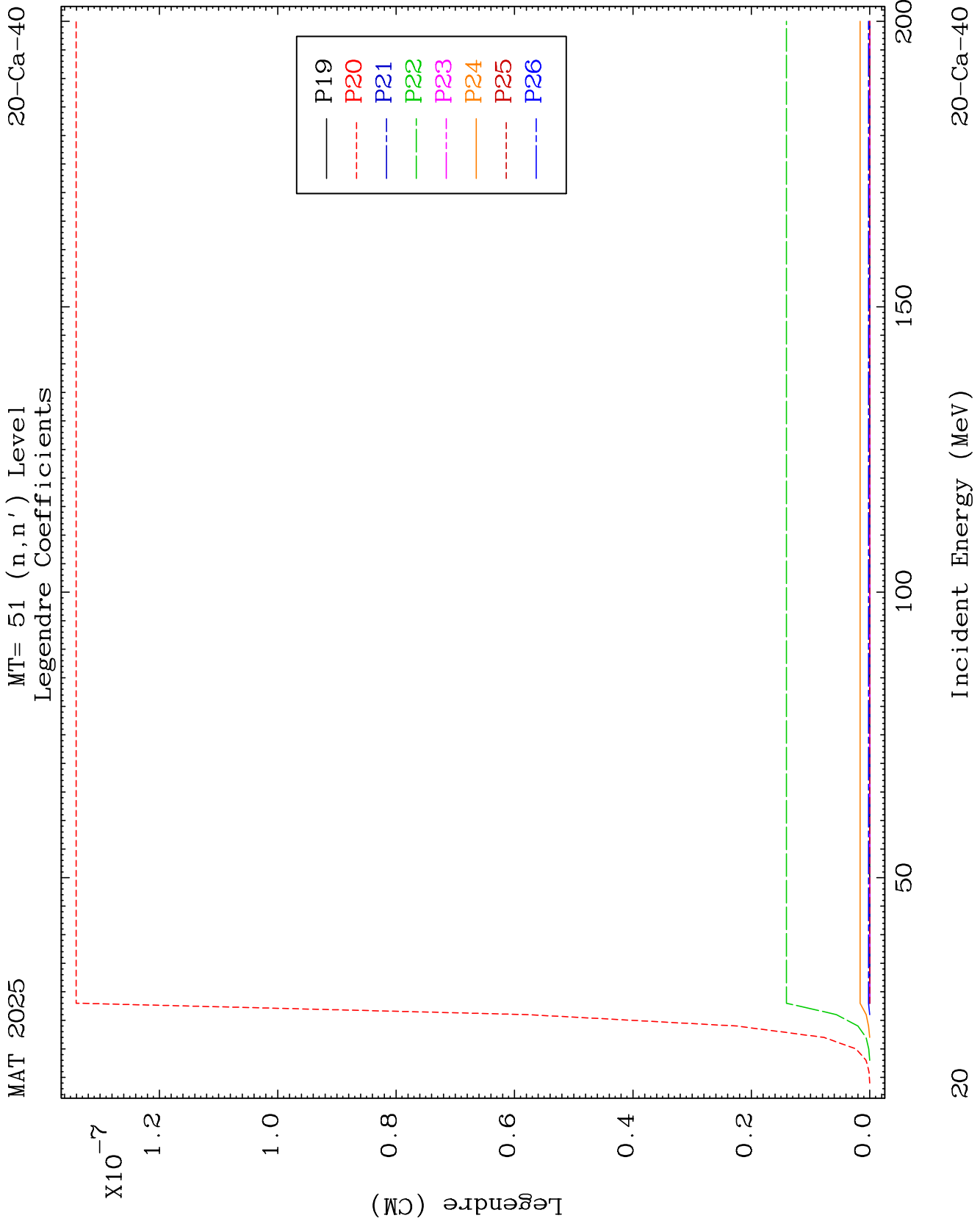
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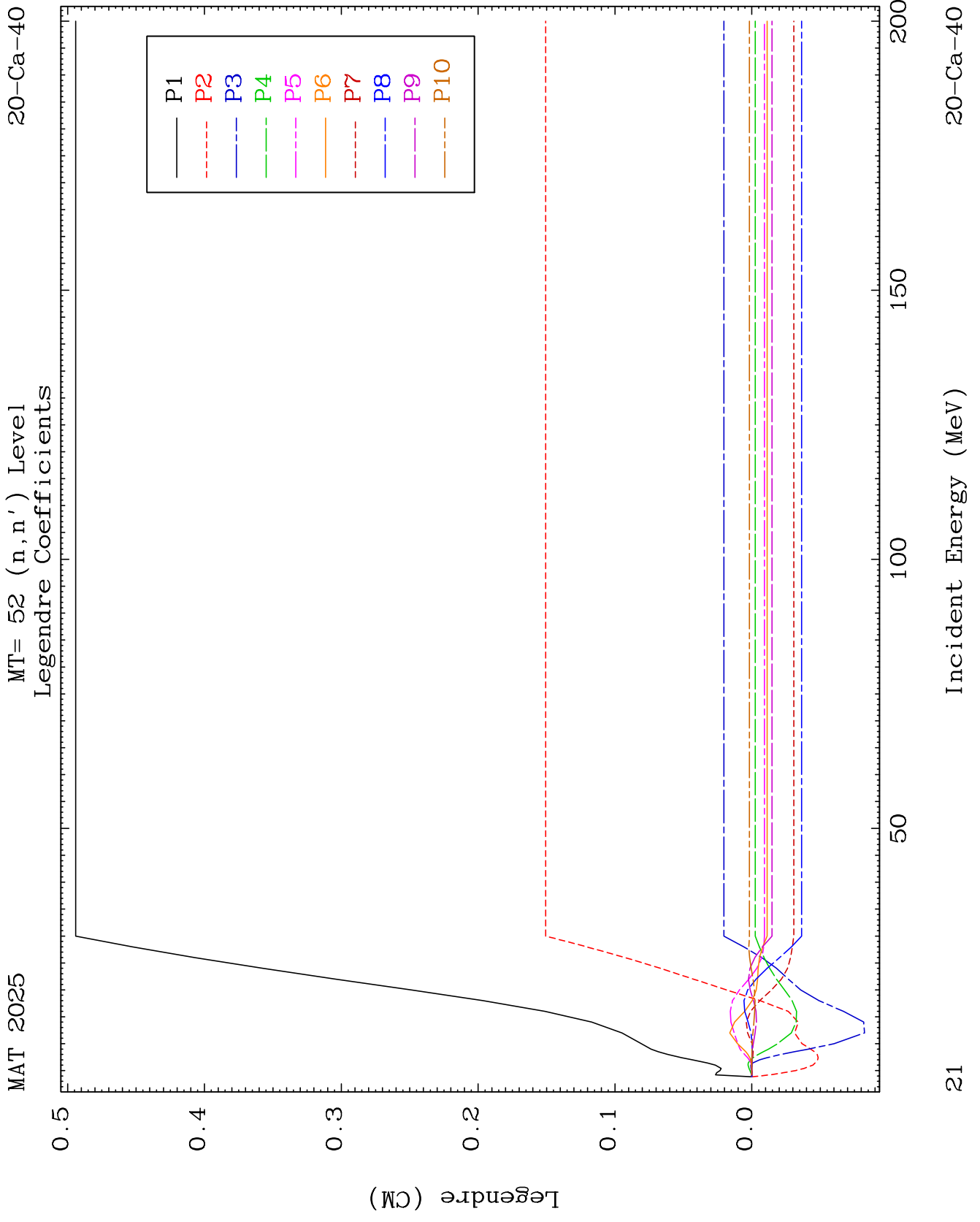
Incident Energy (MeV)

20-Ca-40





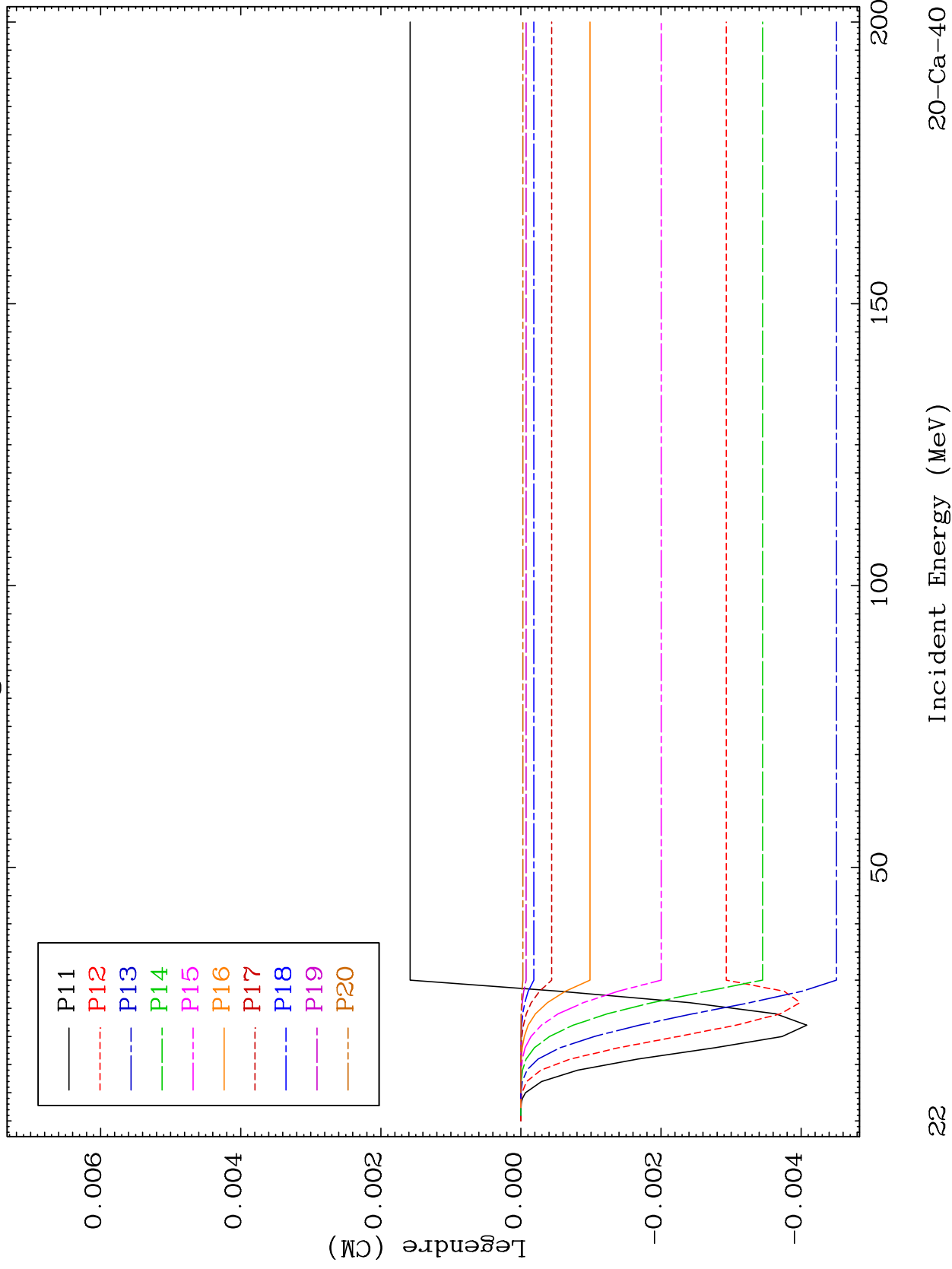


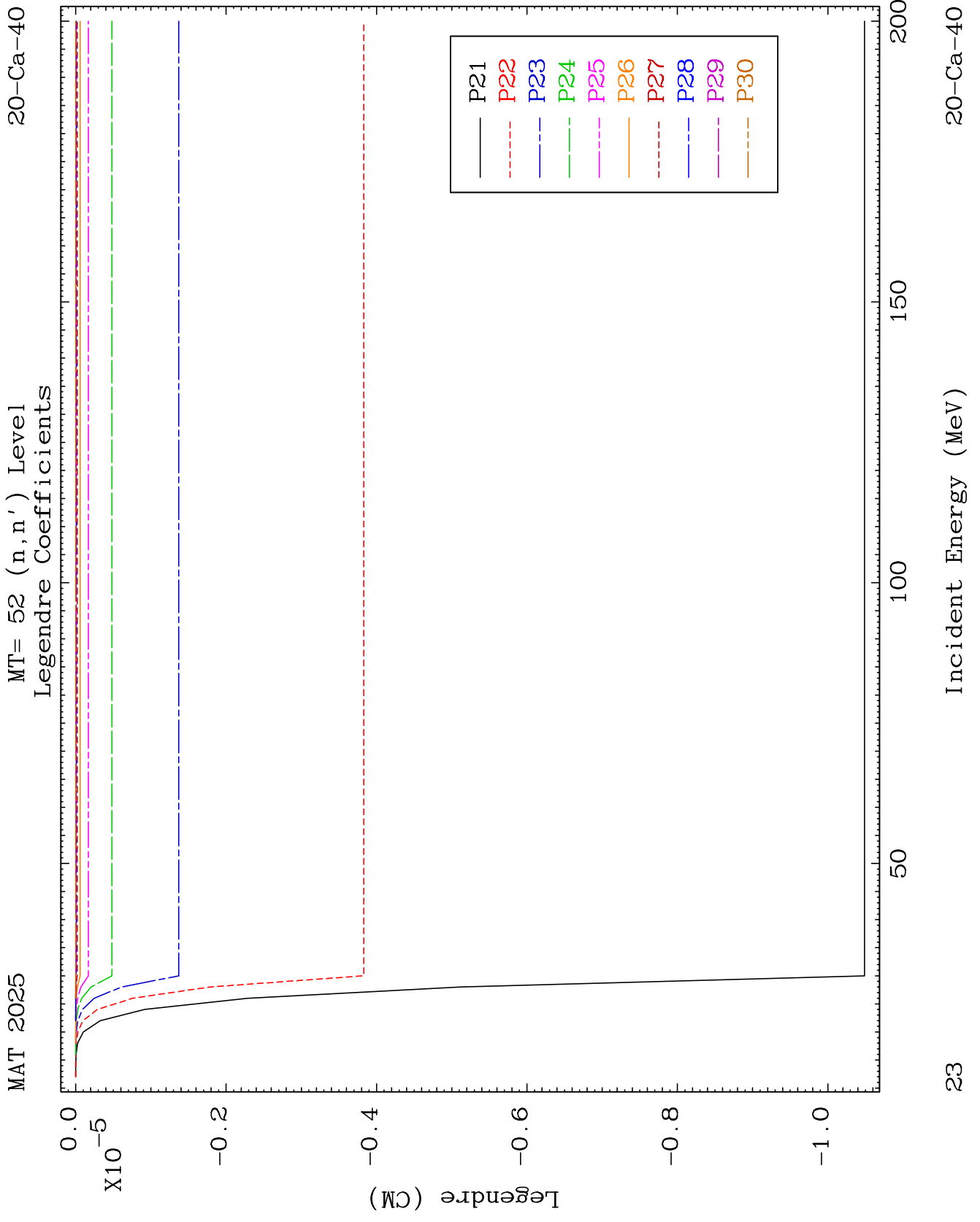


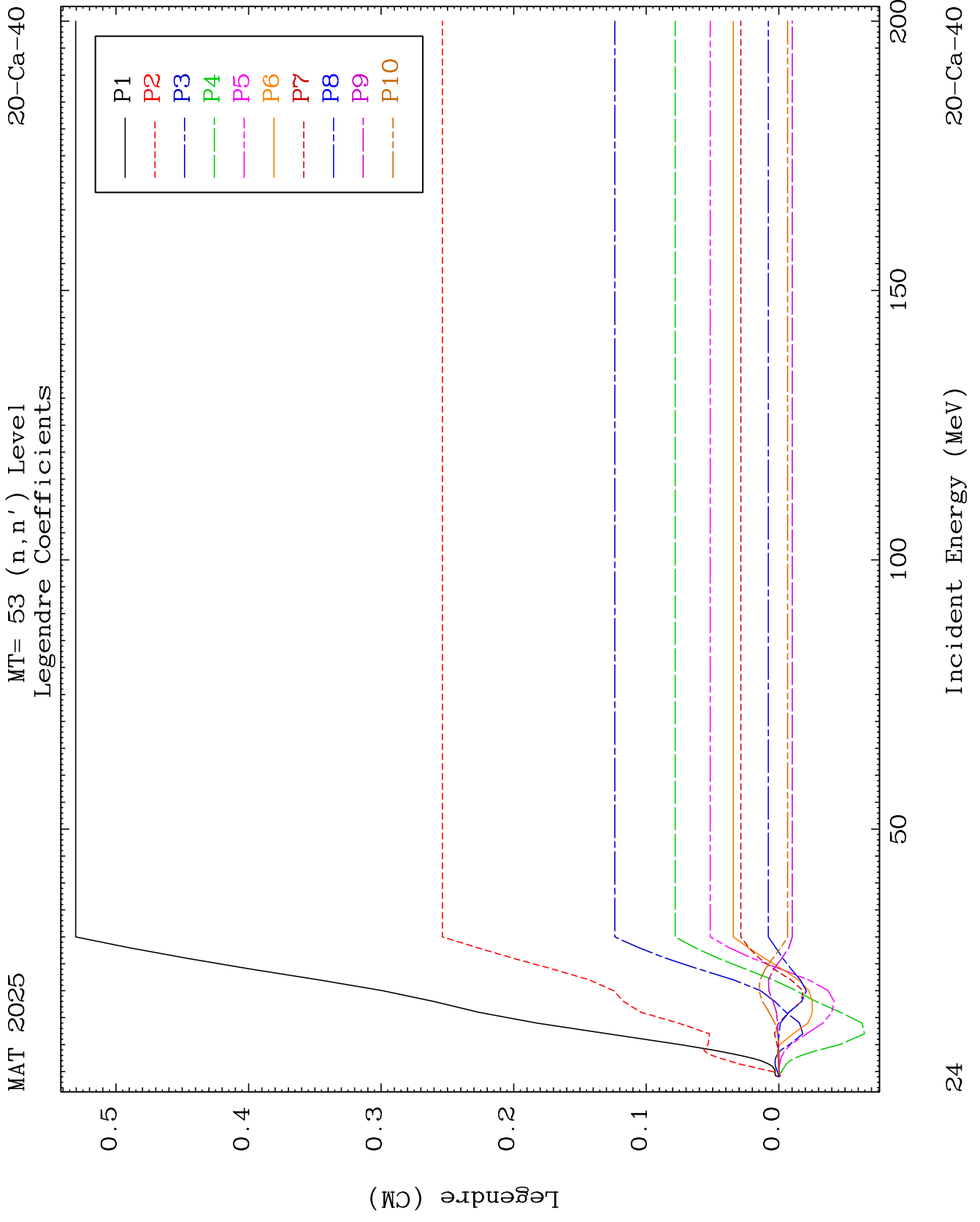
MAT 2025

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

20-Ca-40



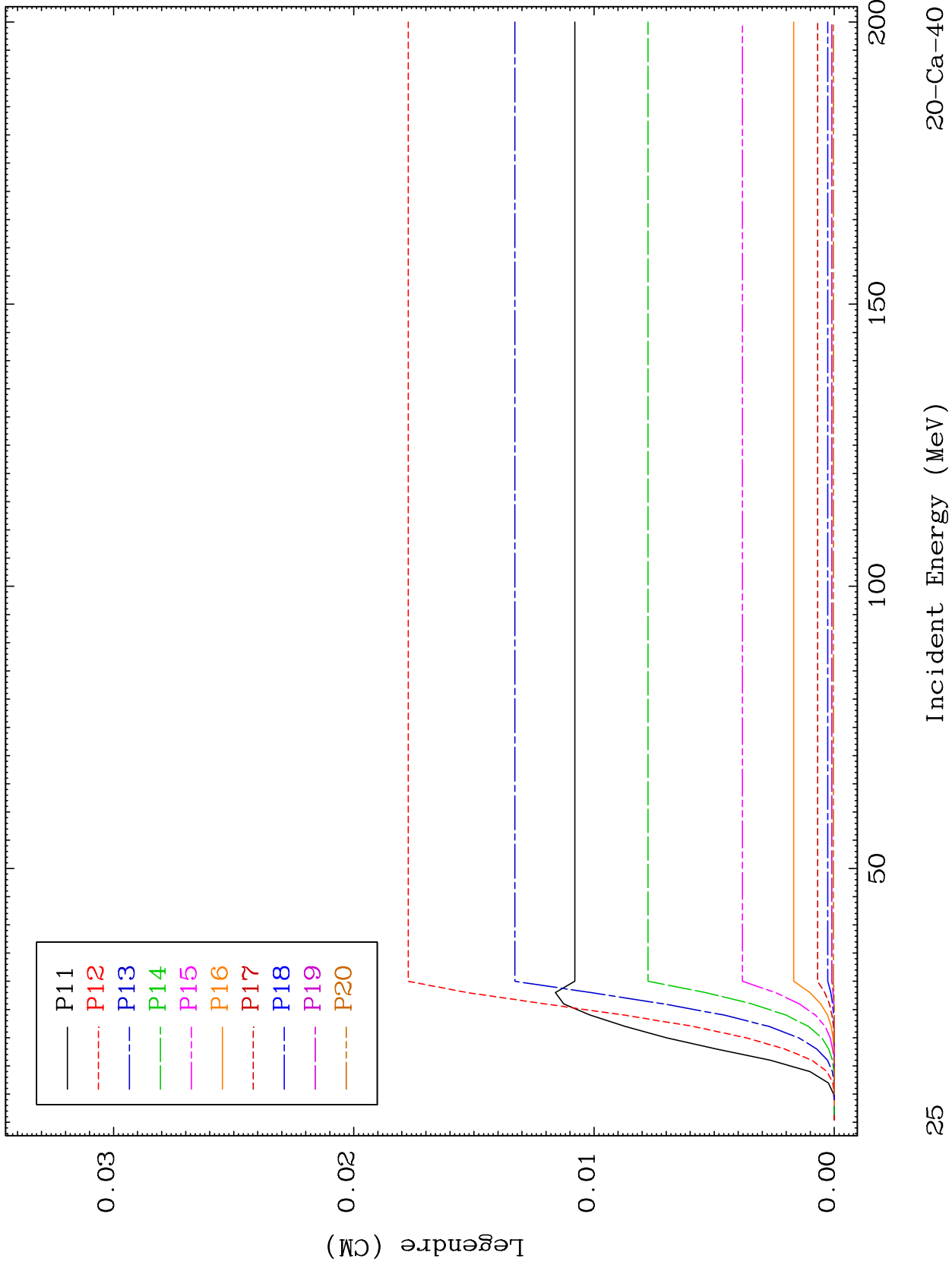




MAT 2025

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

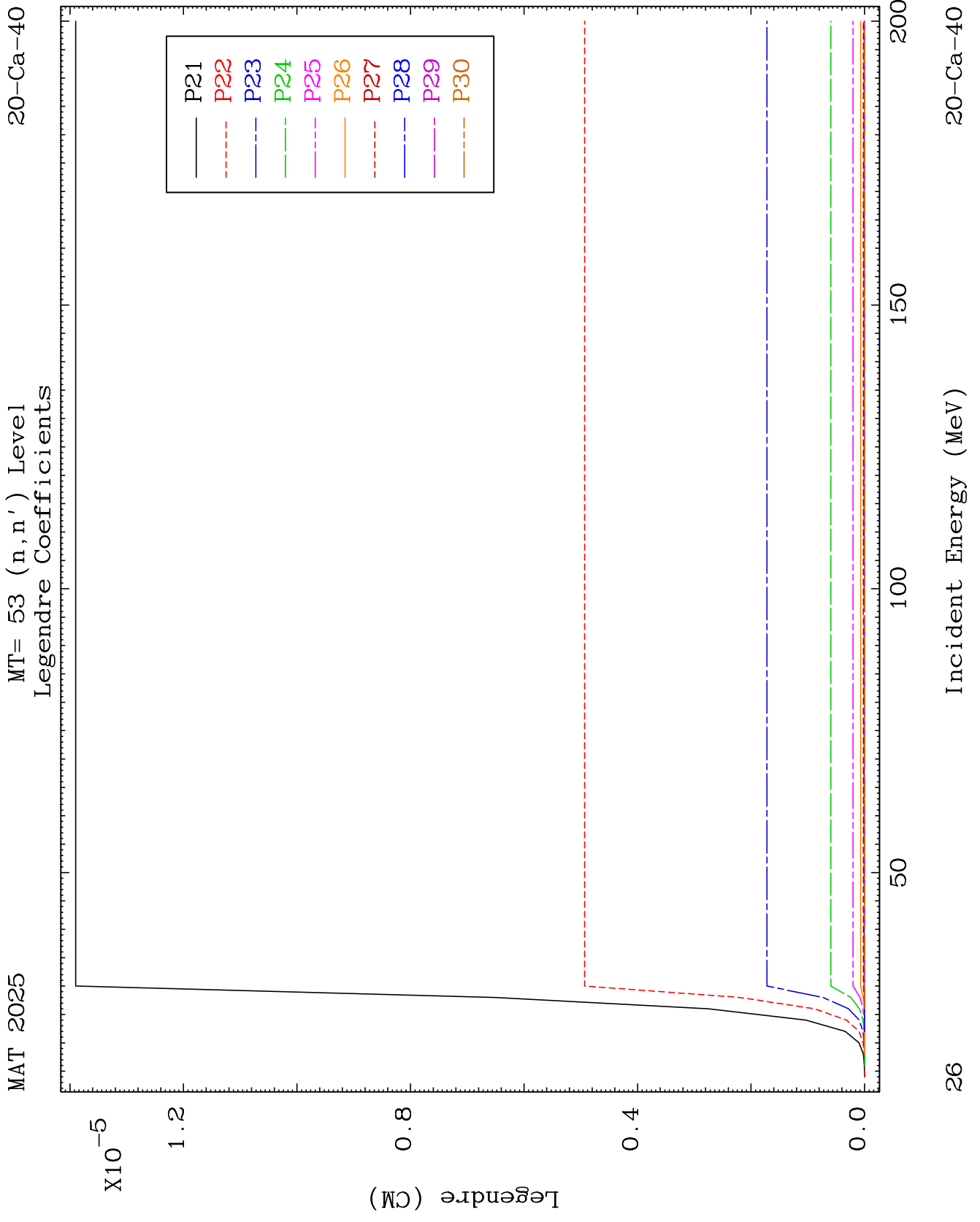
20-Ca-40



25

Incident Energy (MeV)

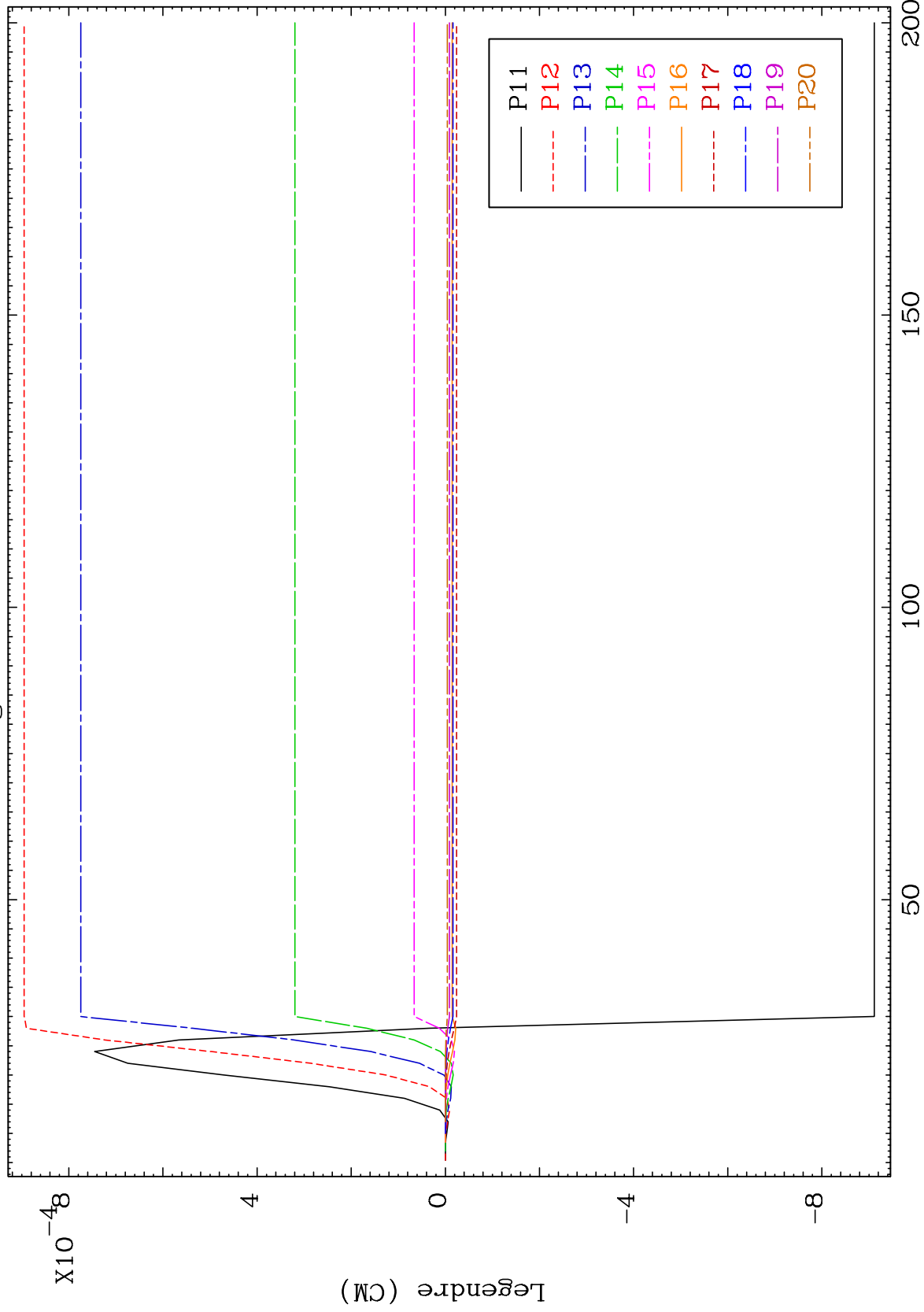
20-Ca-40



MAT 2025

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

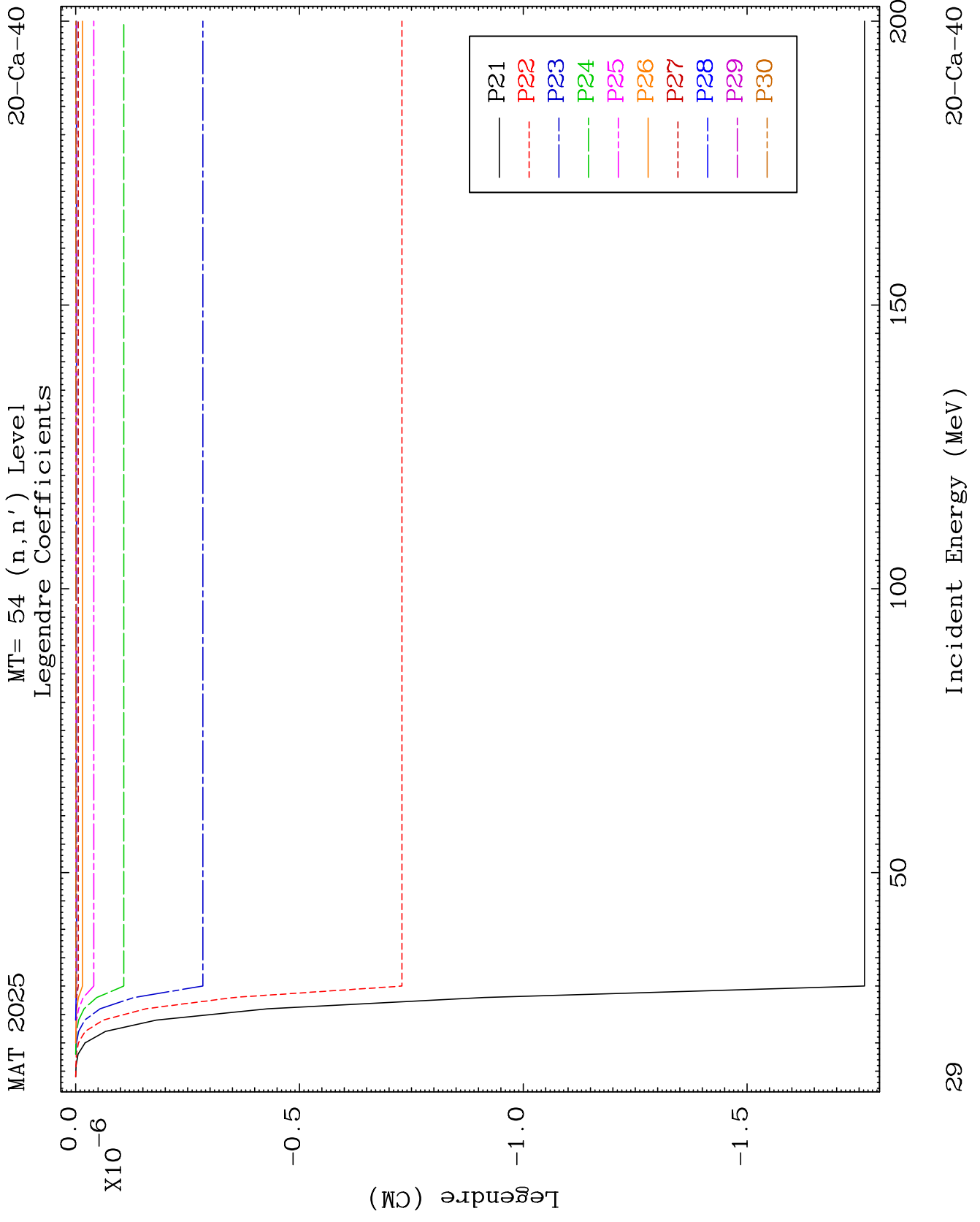
20-Ca-40

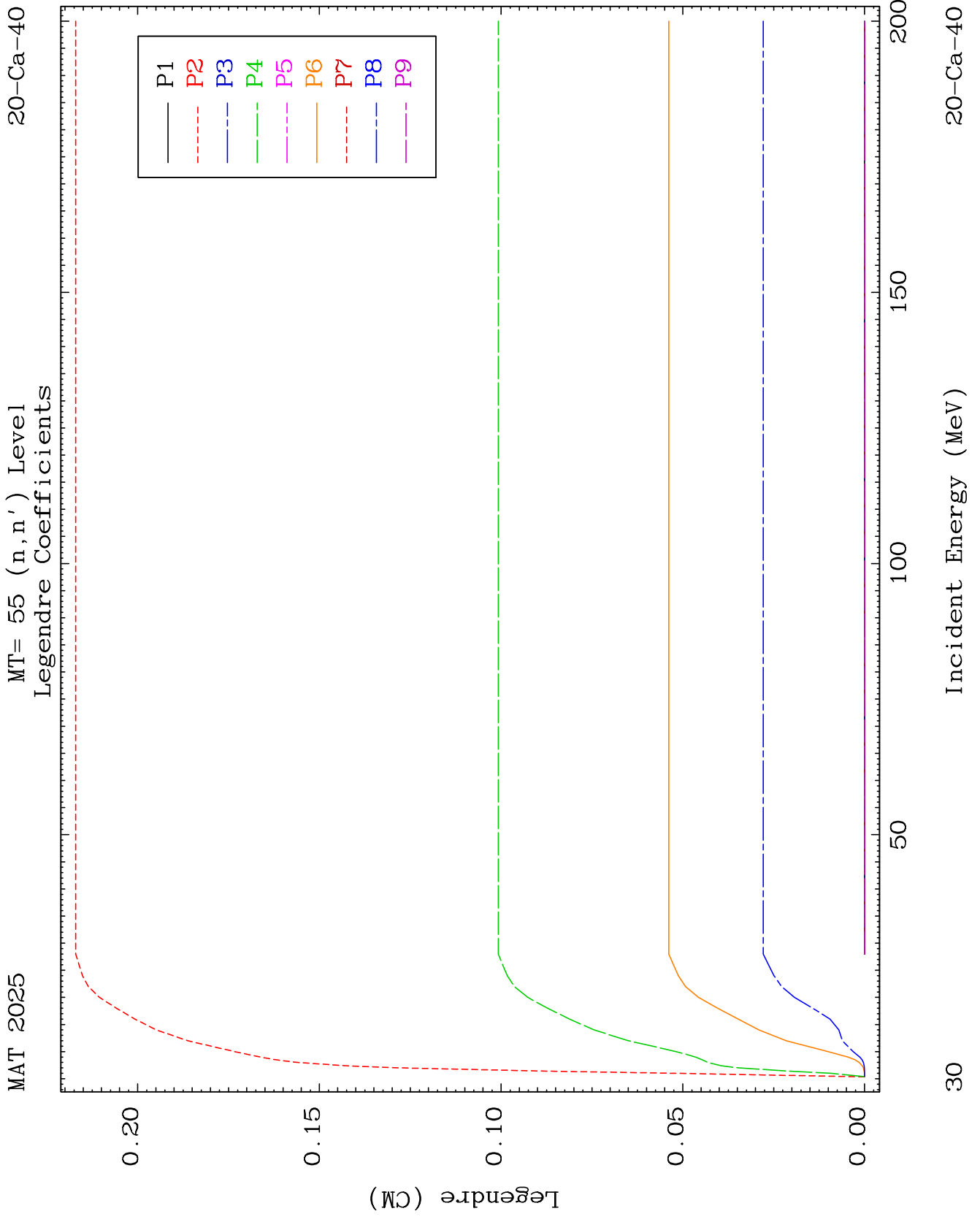


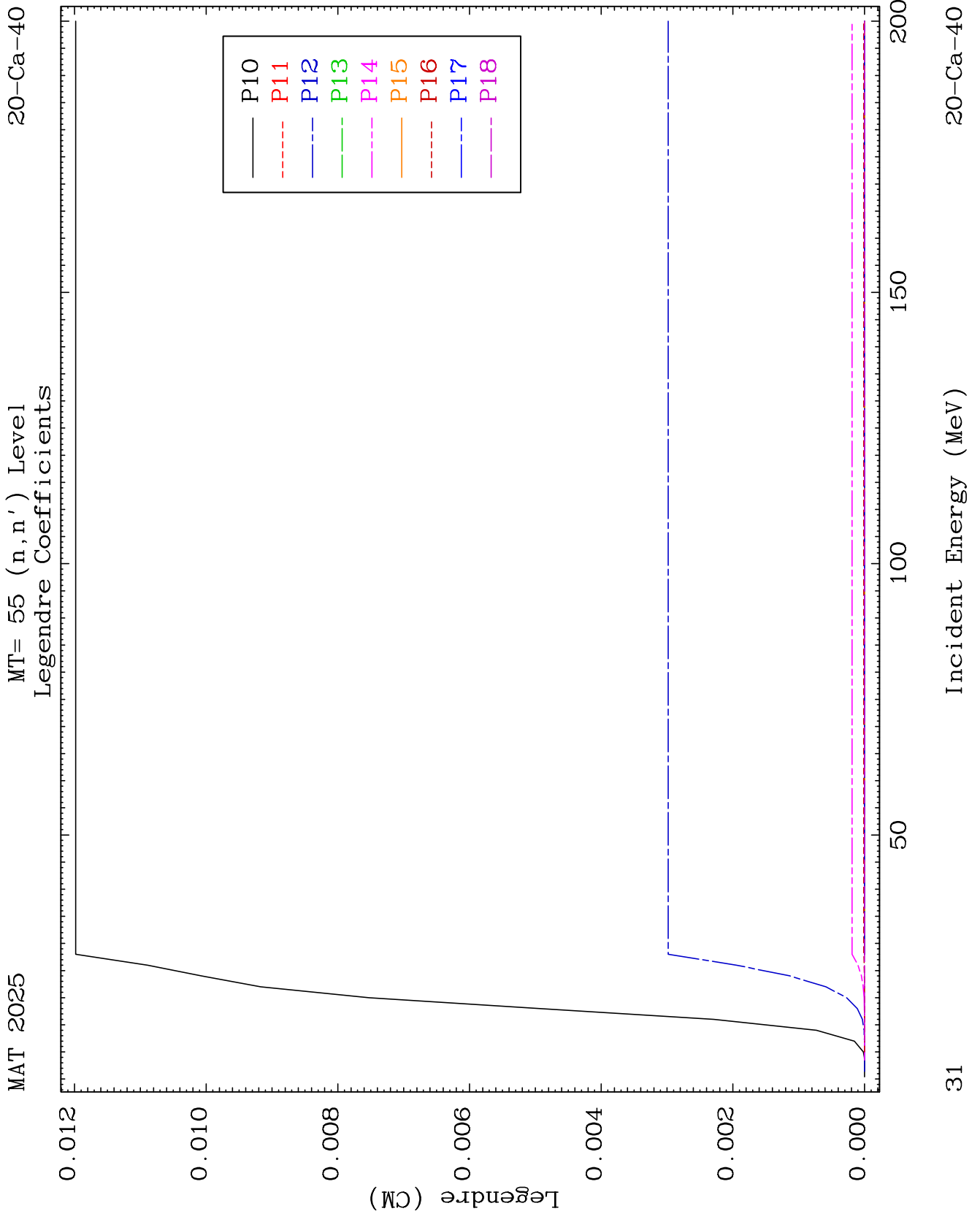
28

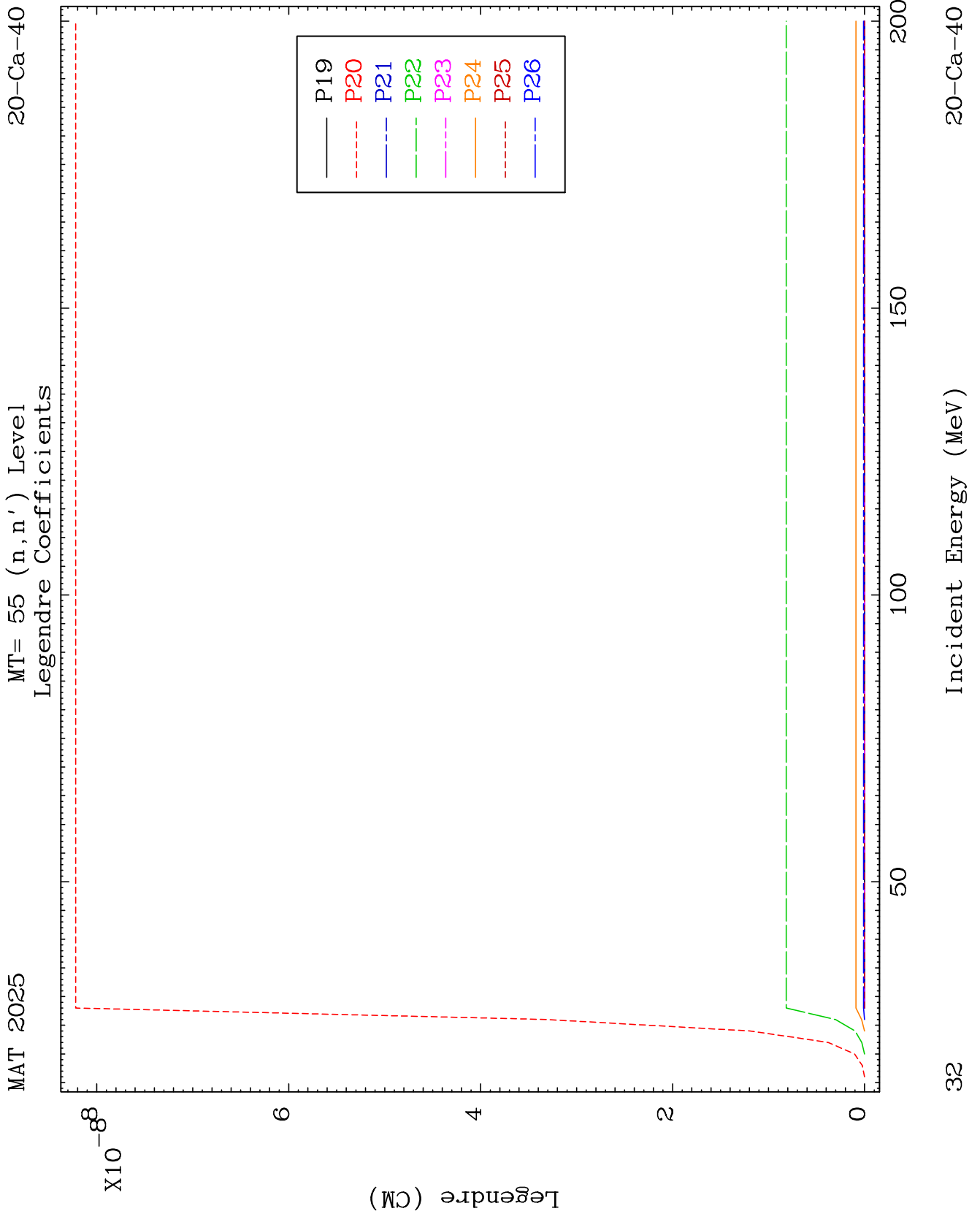
Incident Energy (MeV)

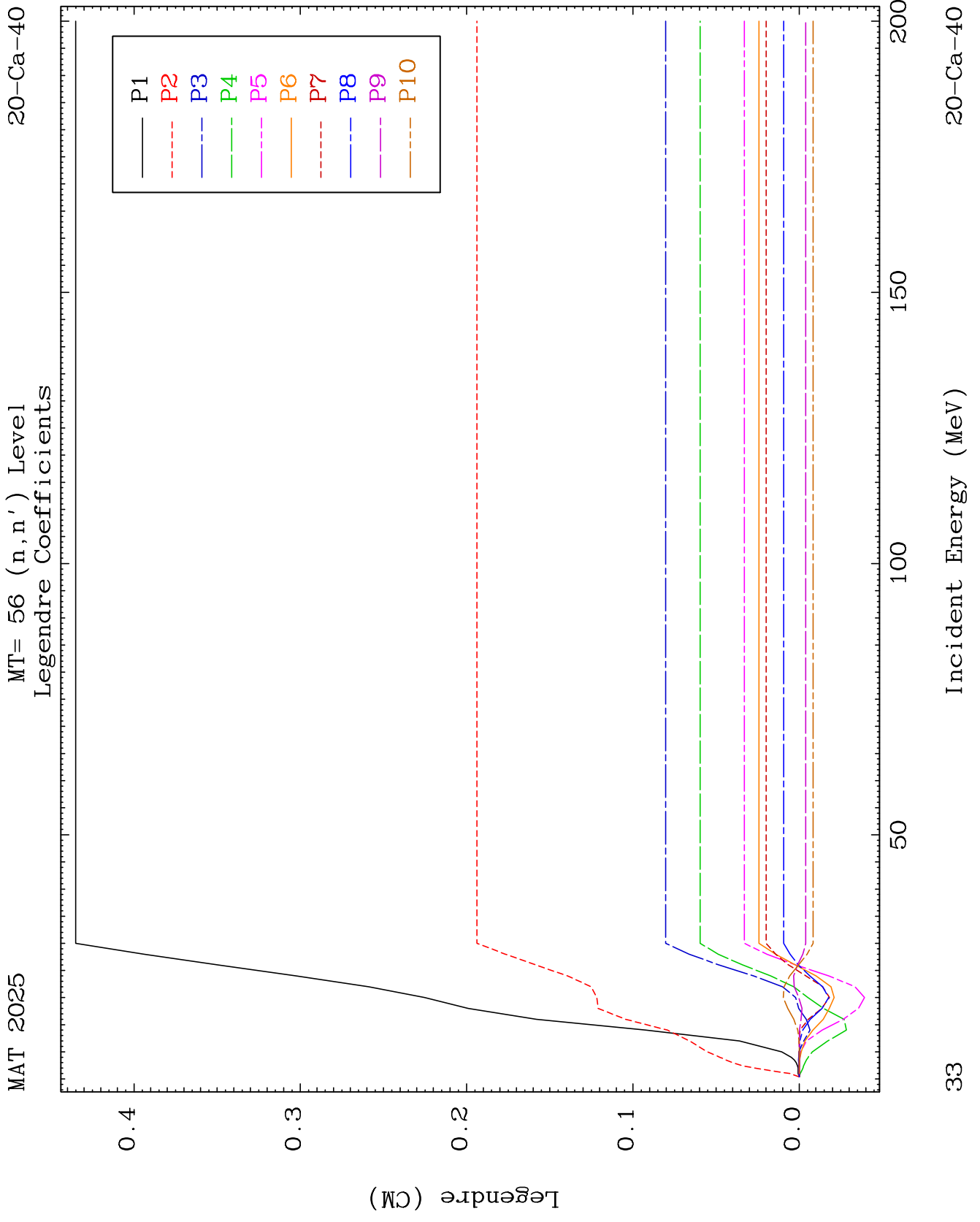
20-Ca-40

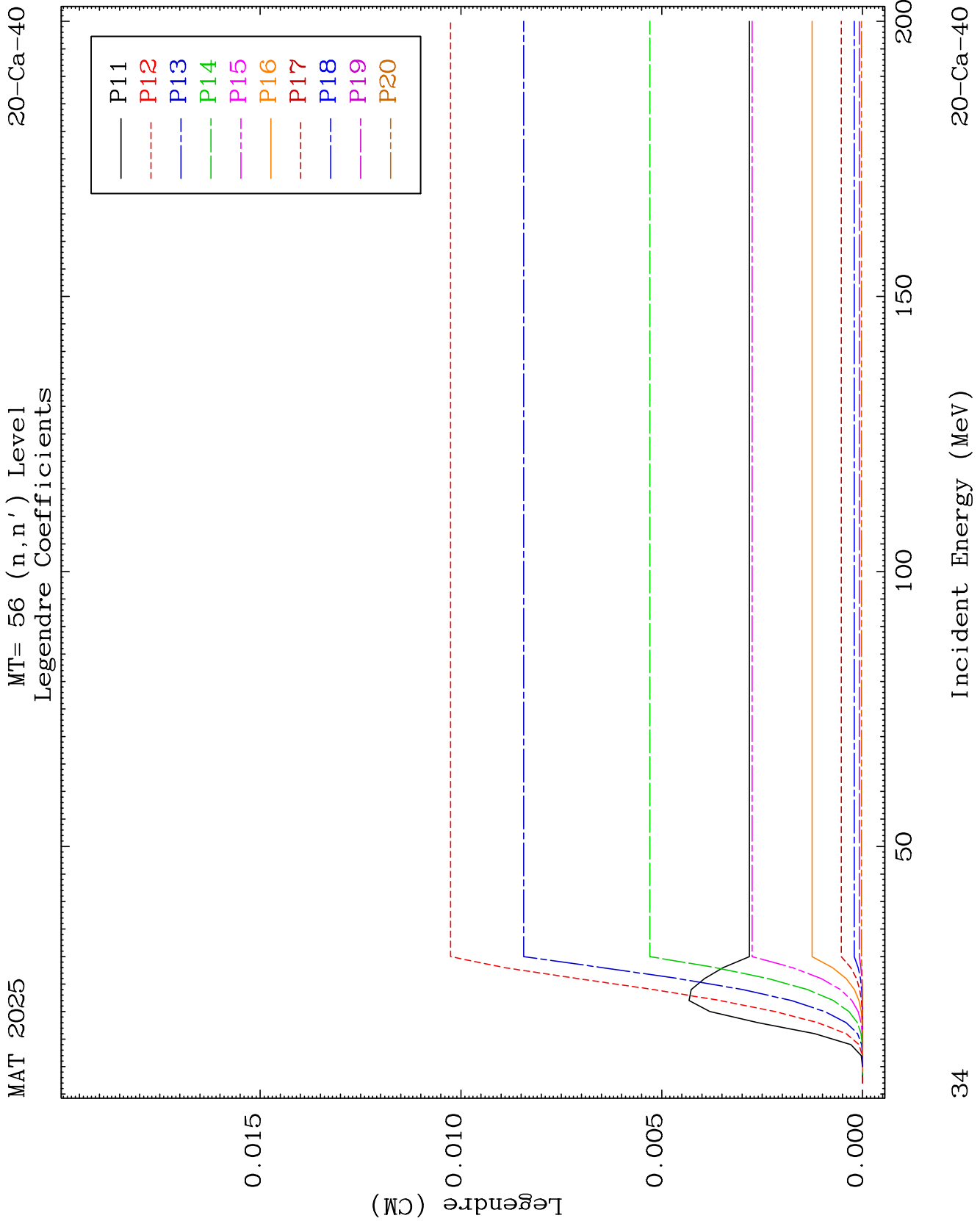


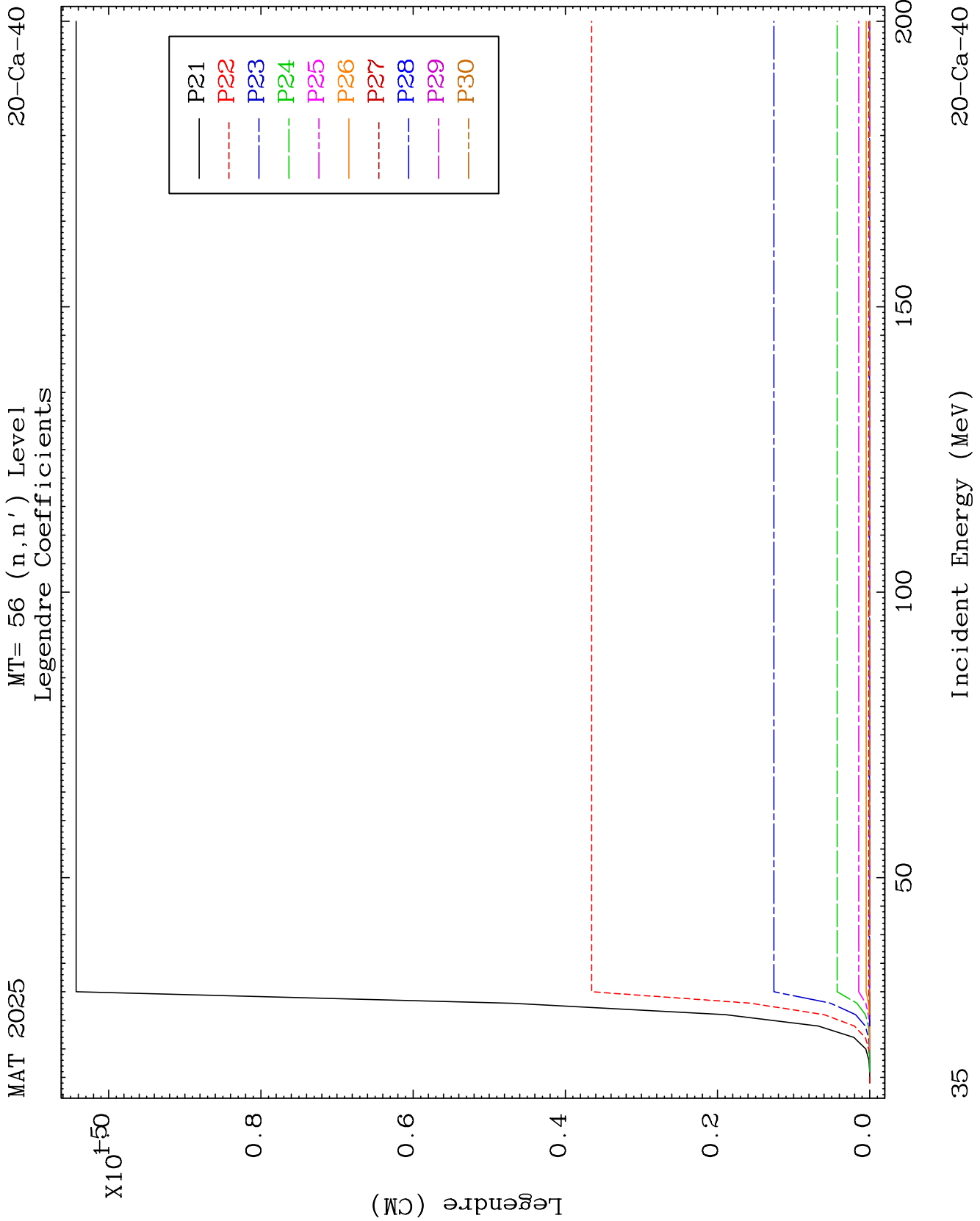


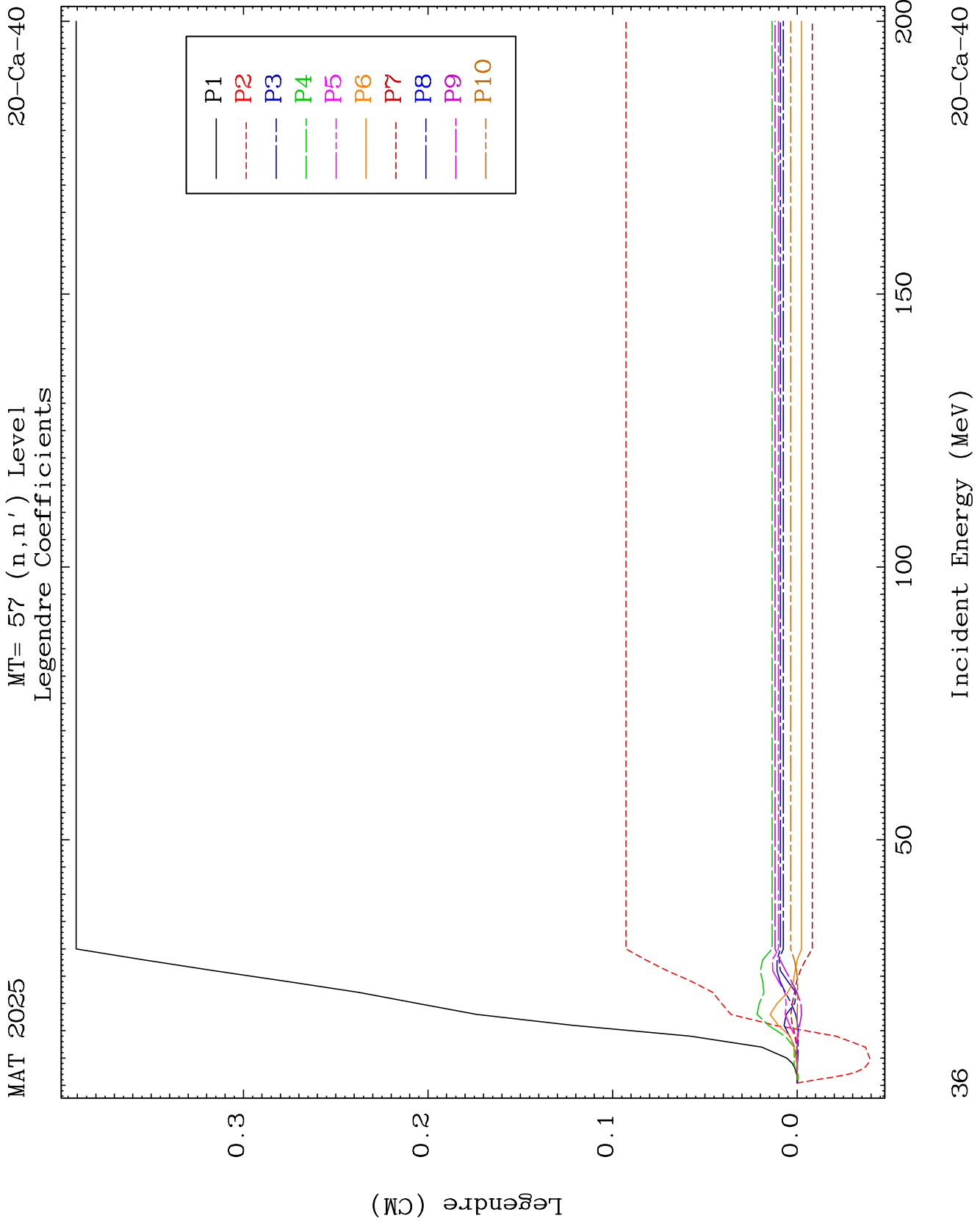


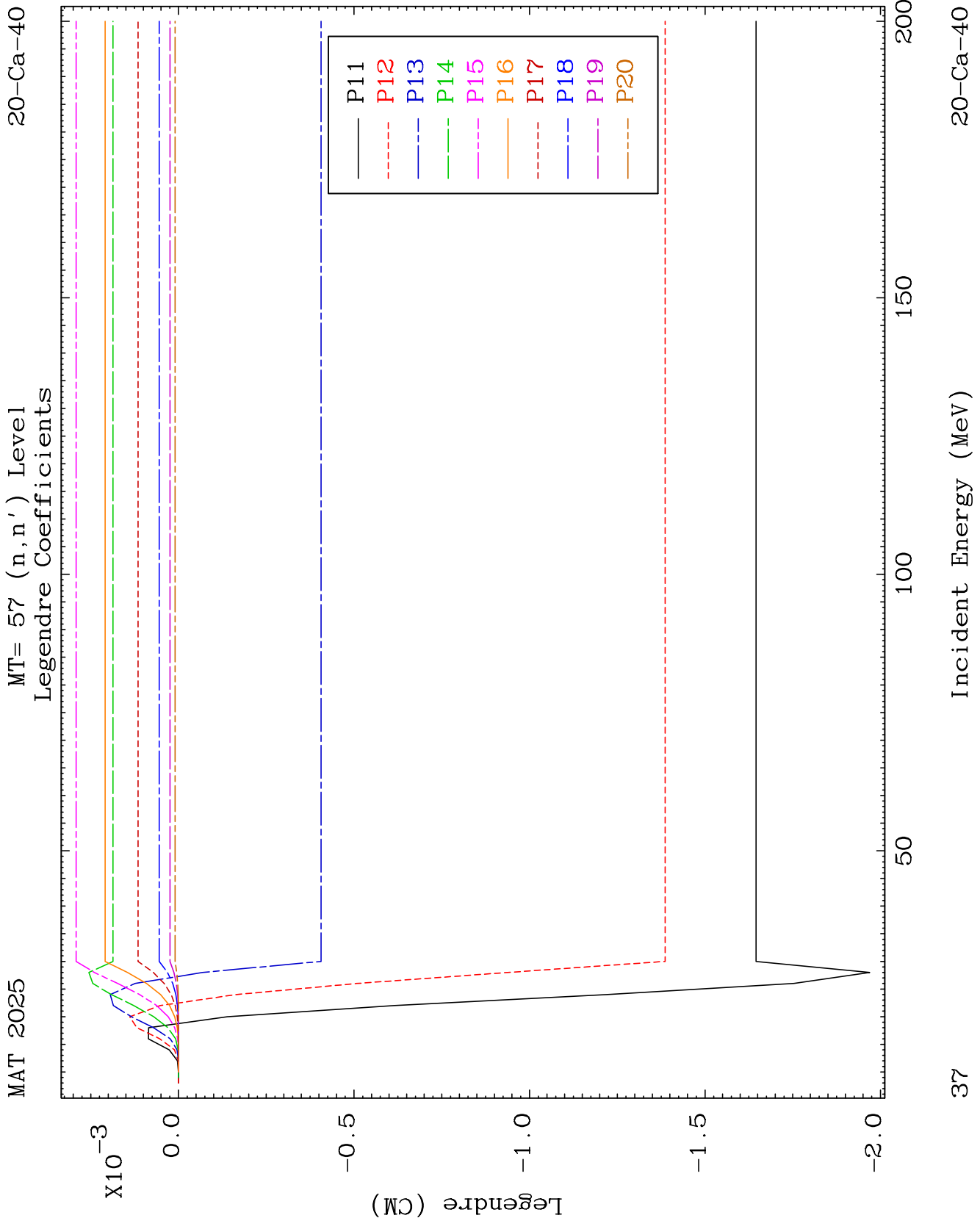








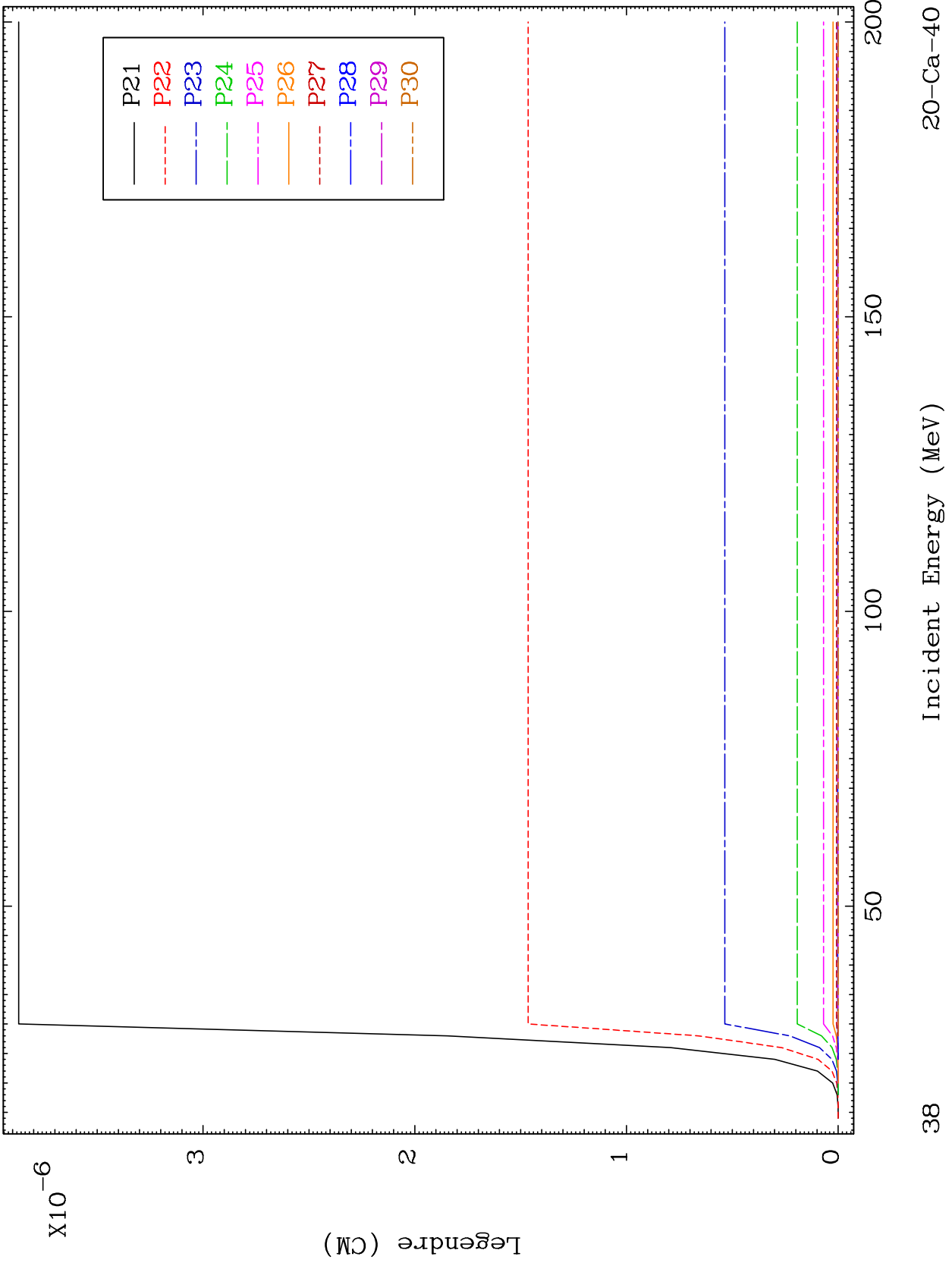


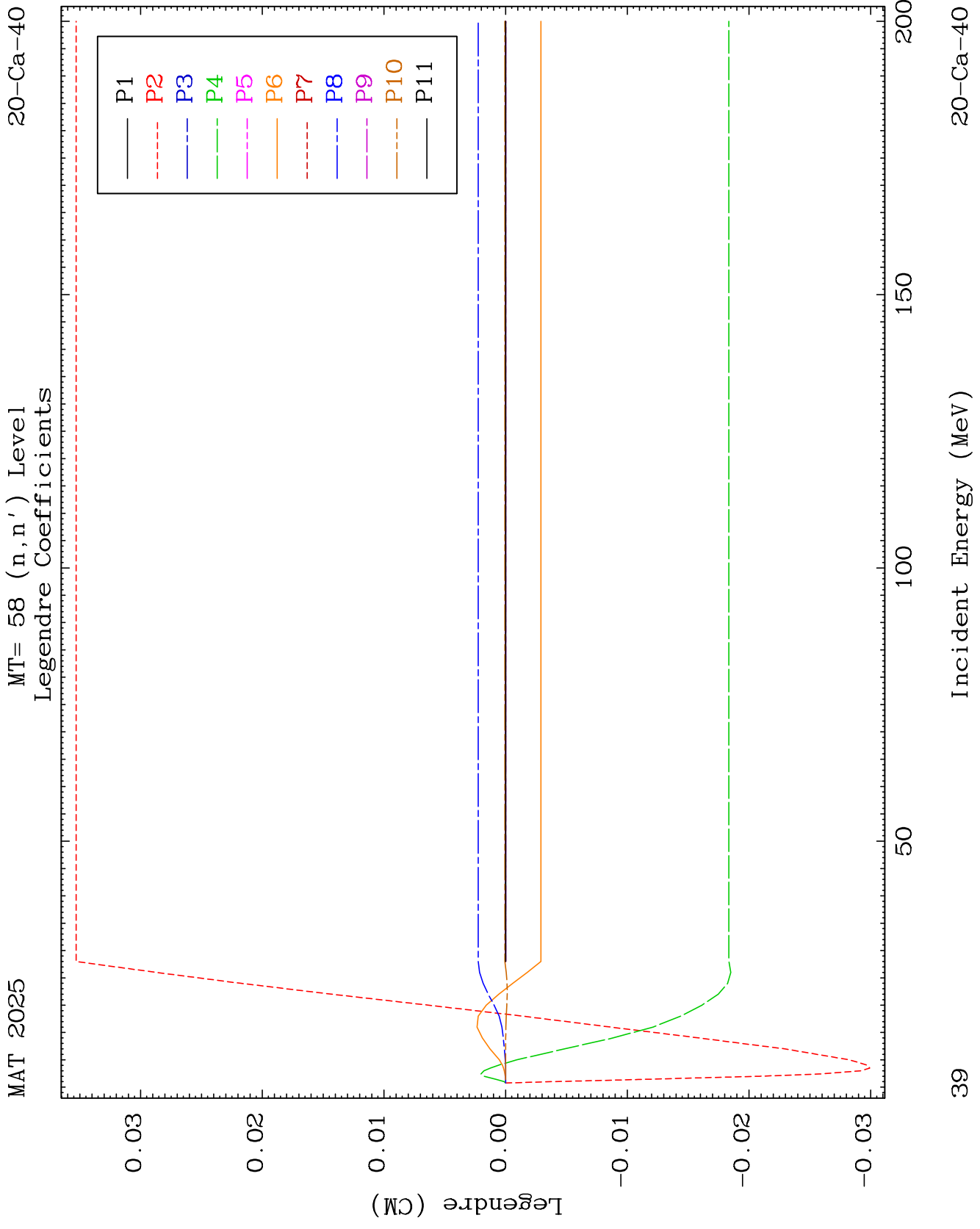


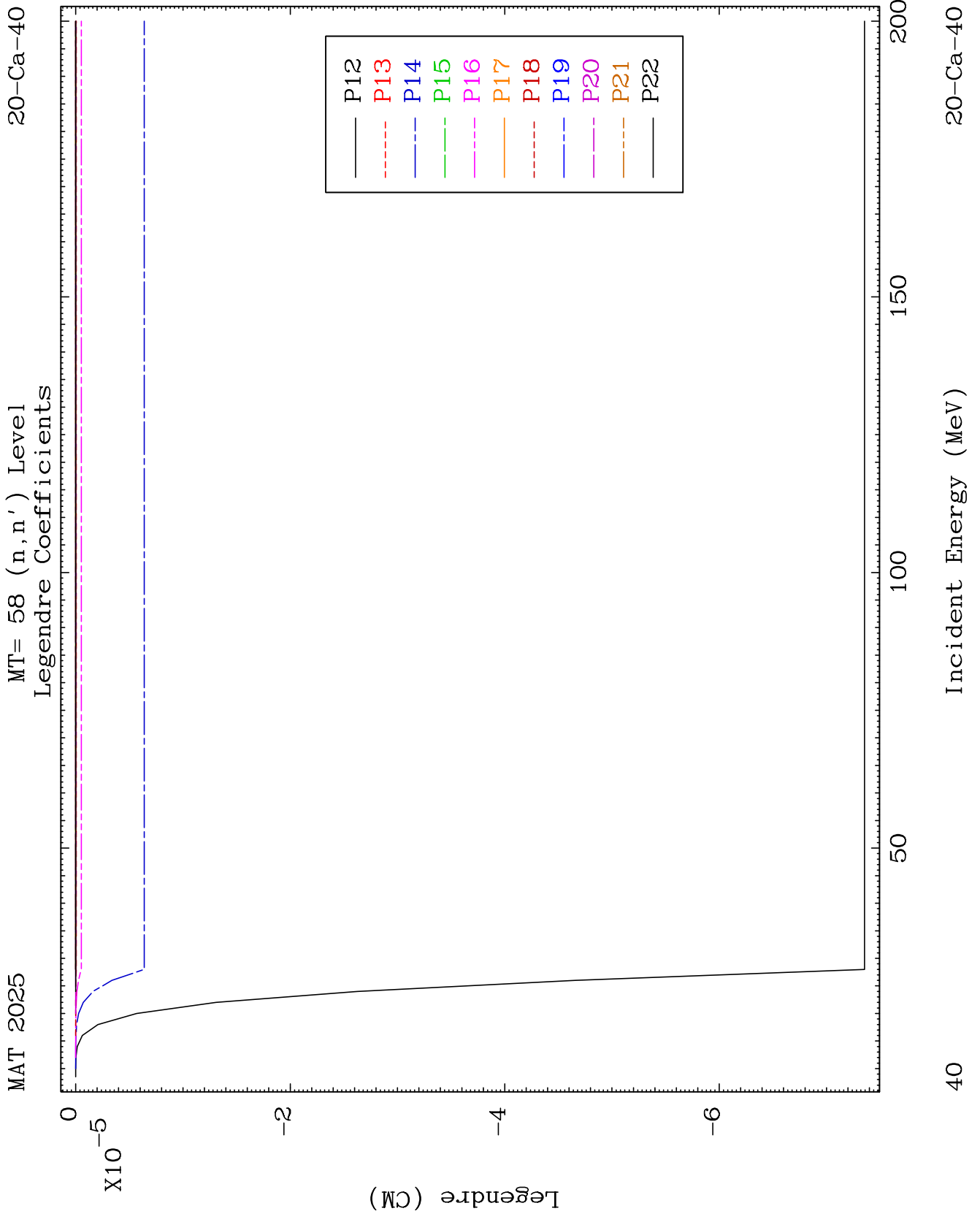
MAT 2025

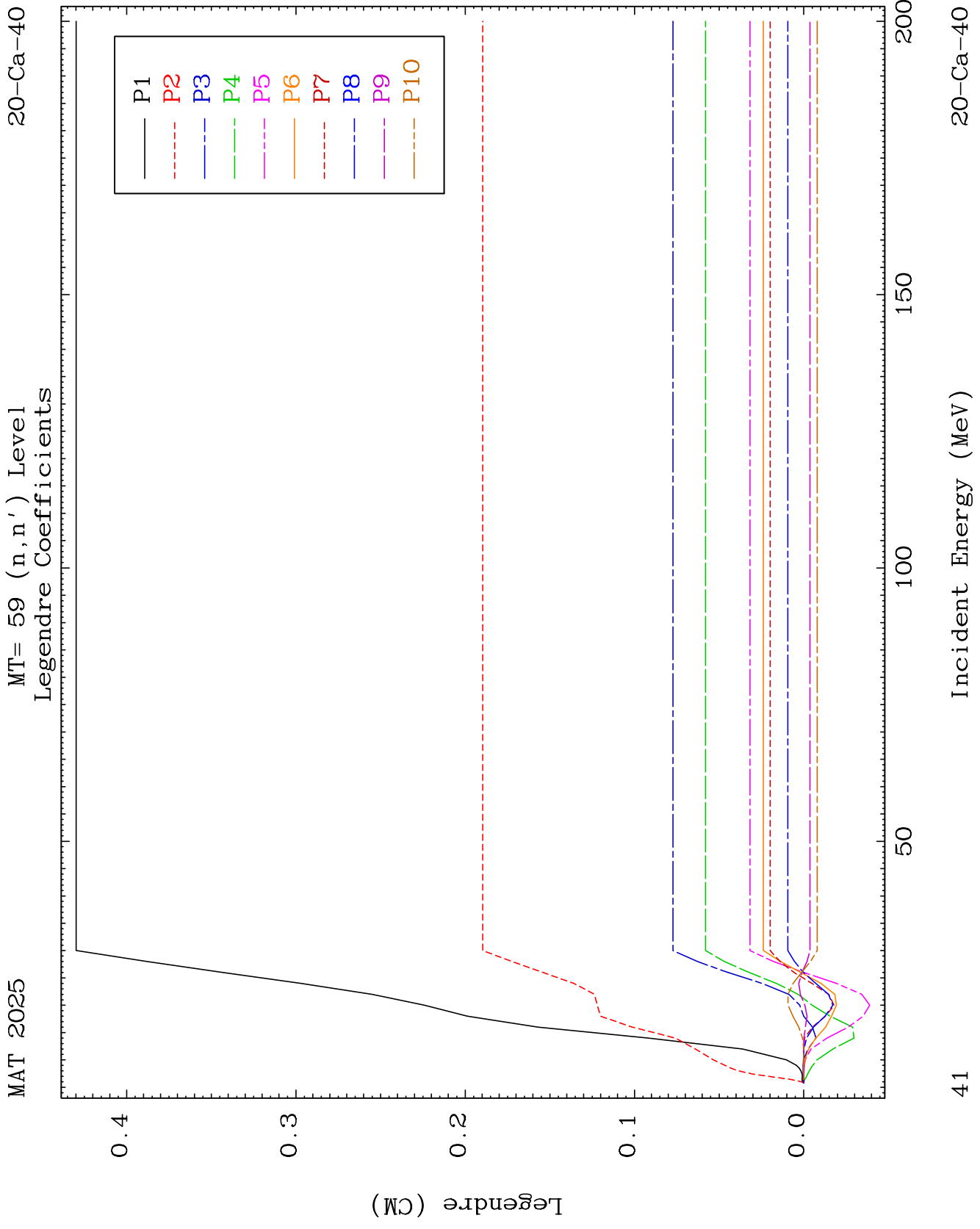
MT= 57 (n,n') Level
Legendre Coefficients

20-Ca-40





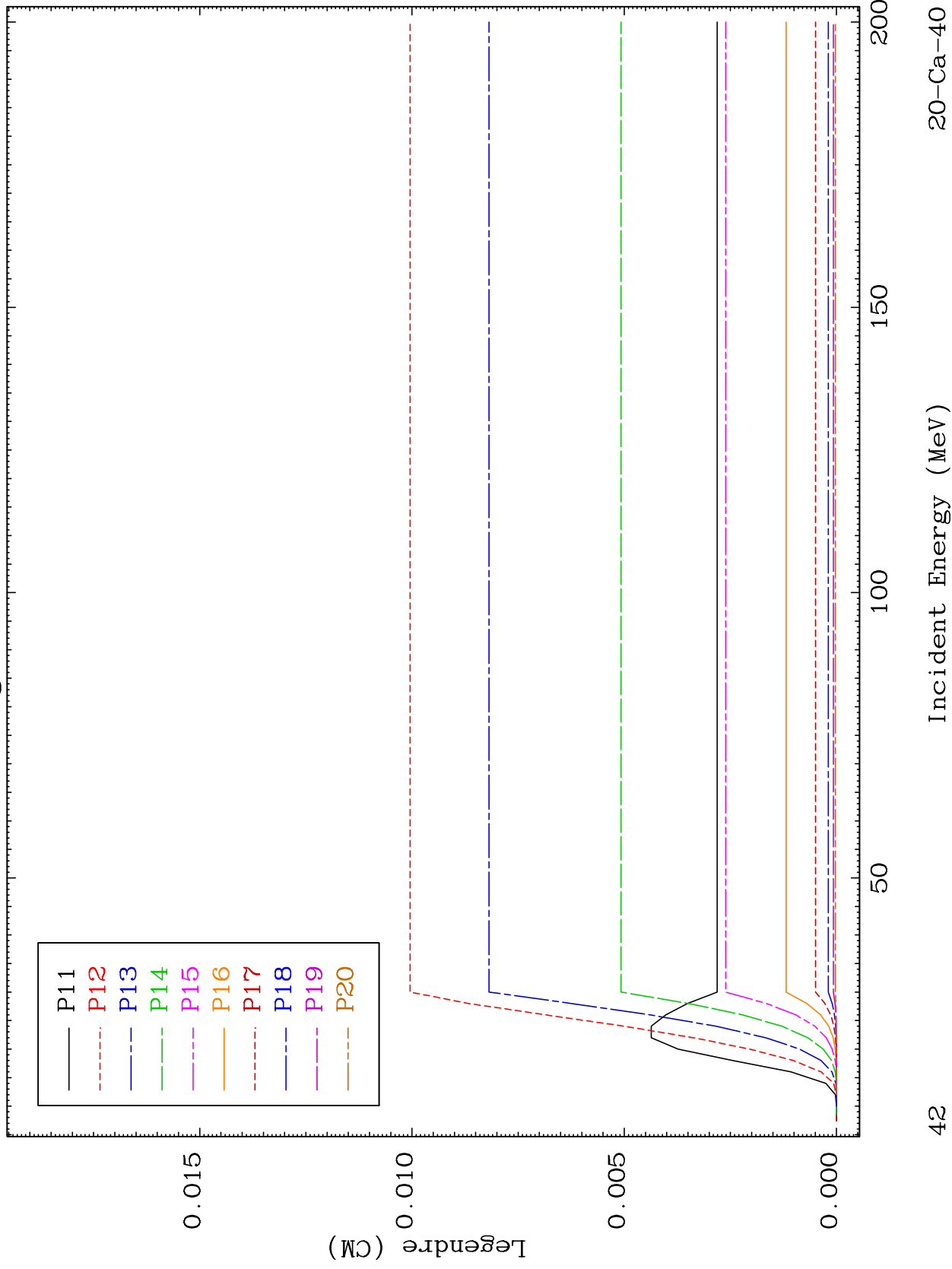




MAT 2025

MT= 59 (n,n') Level
Legendre Coefficients

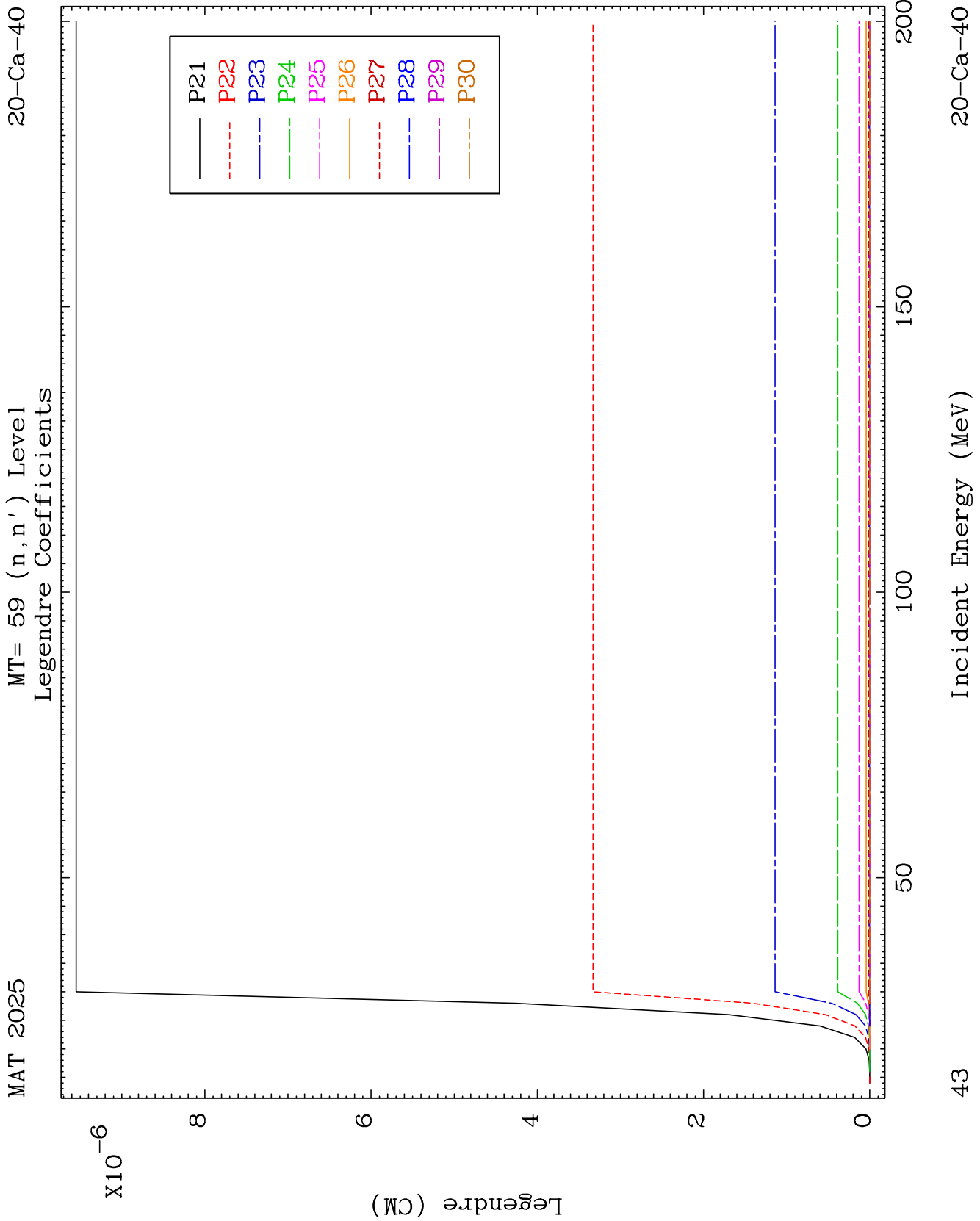
20-Ca-40

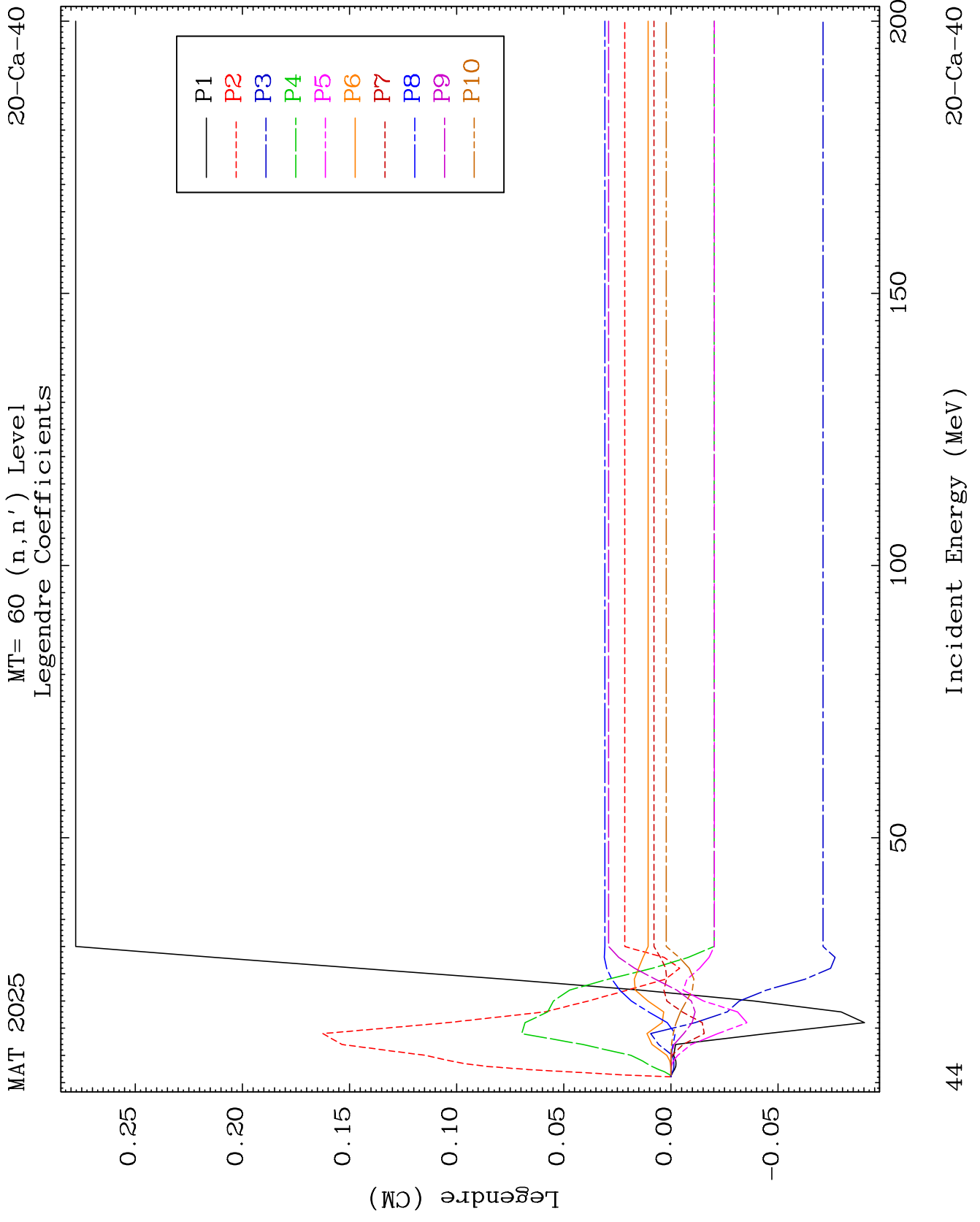


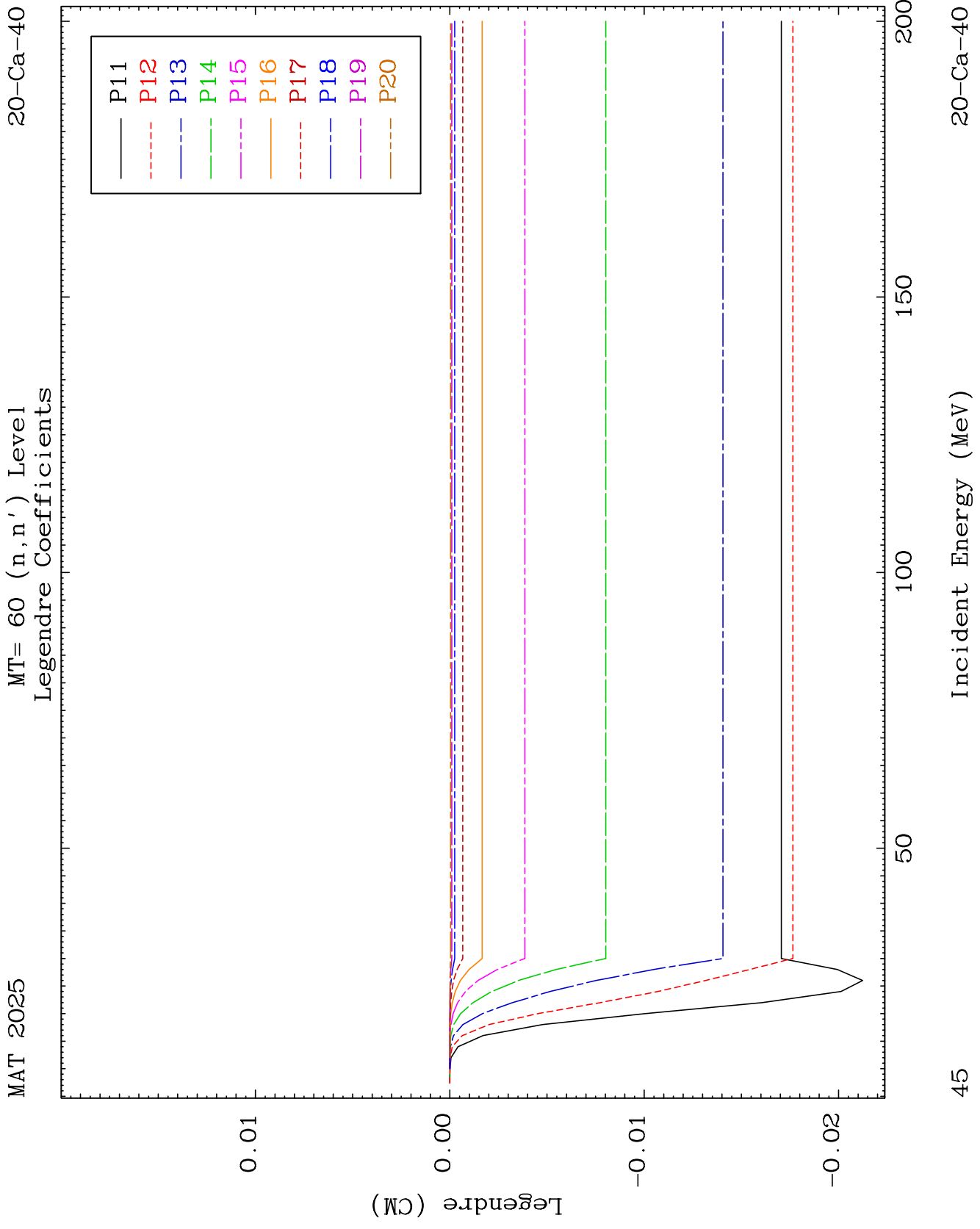
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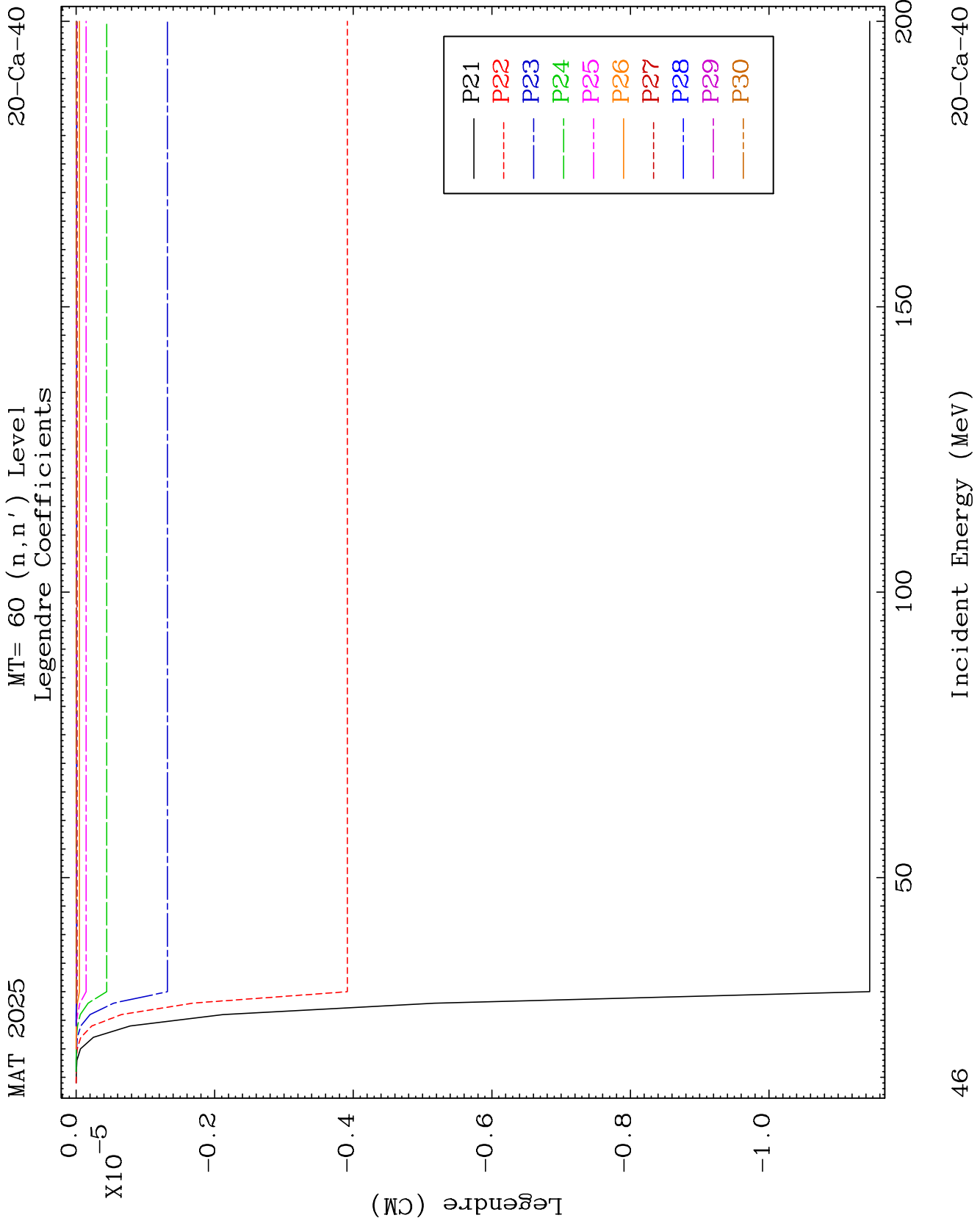
Incident Energy (MeV)

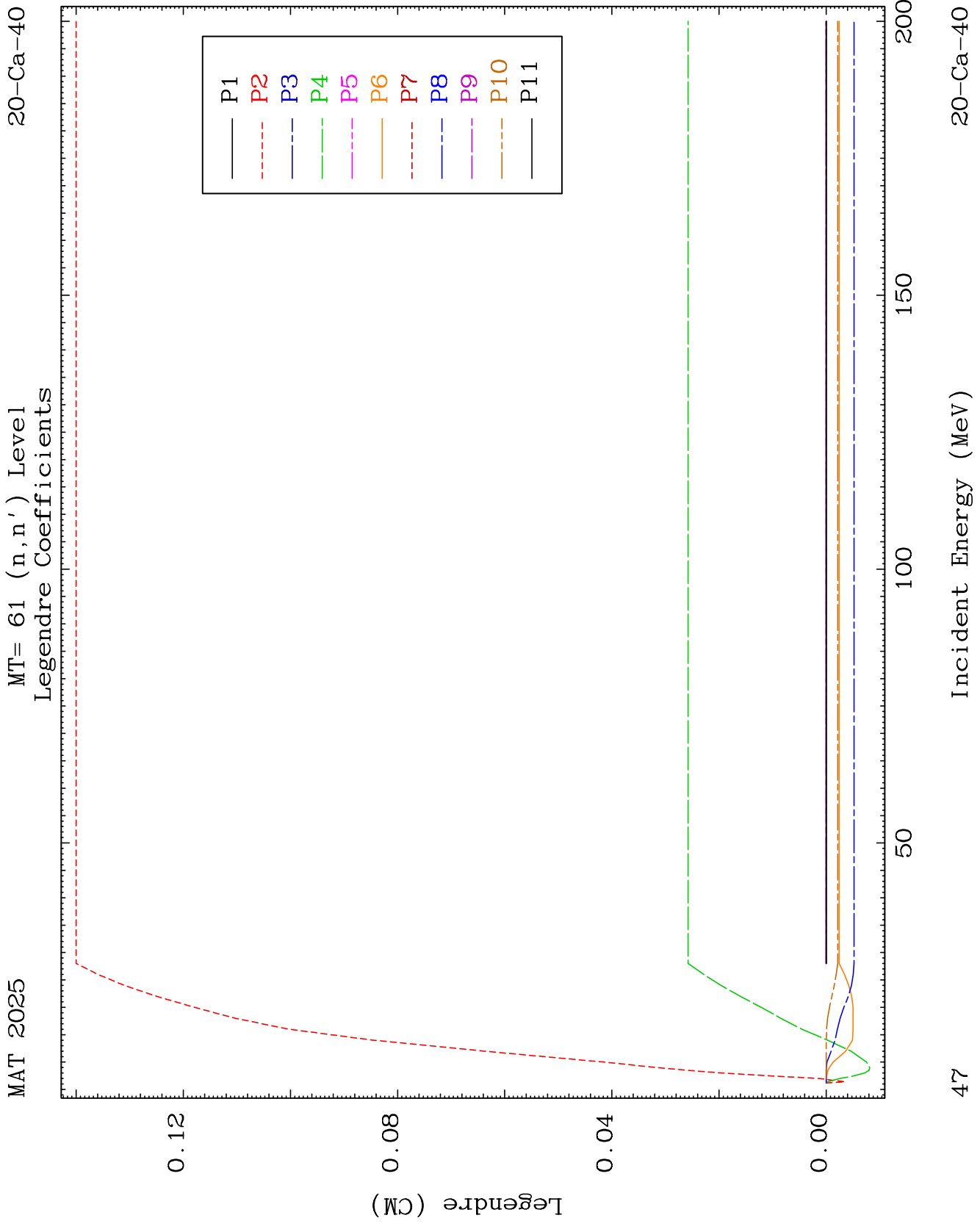
20-Ca-40

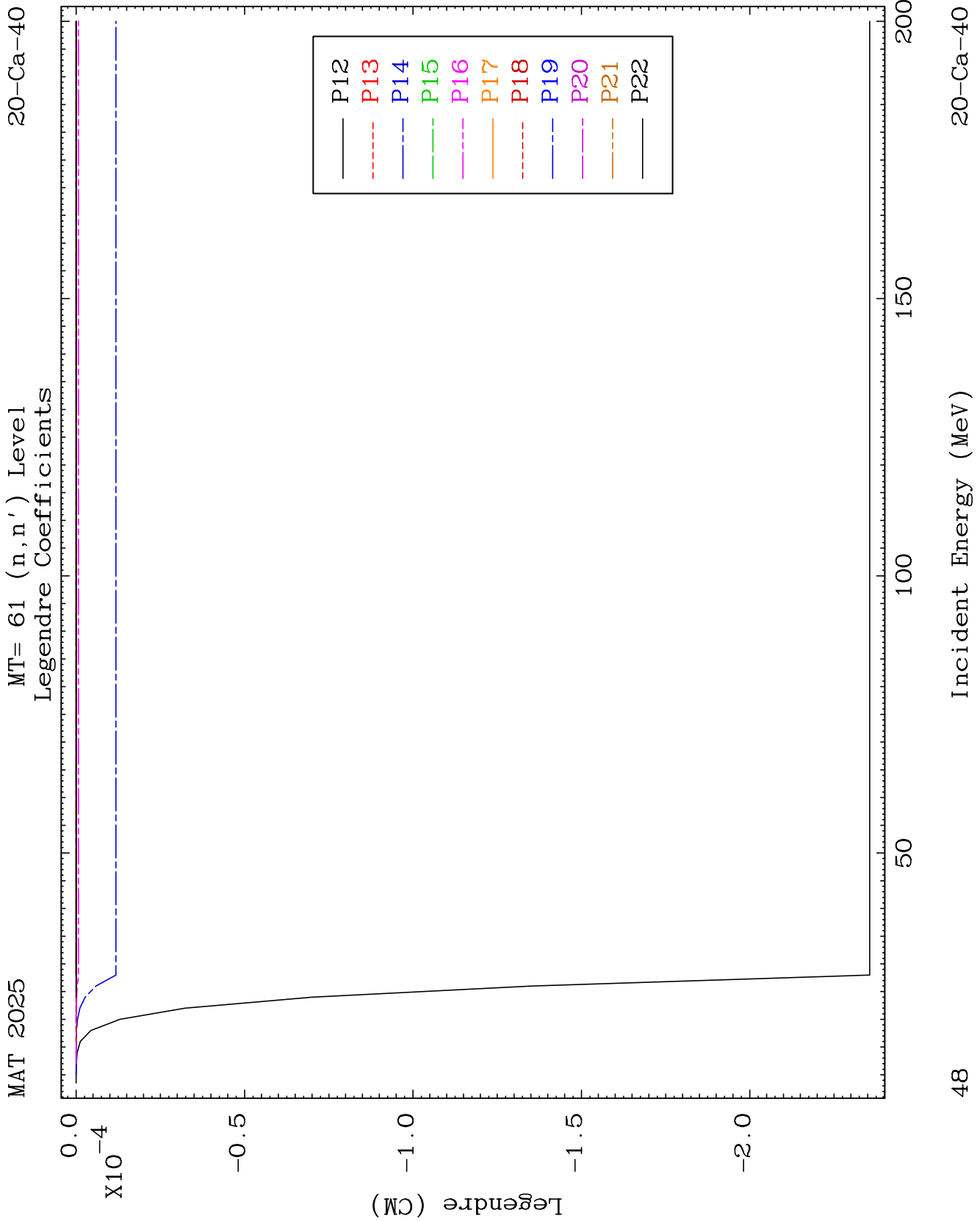


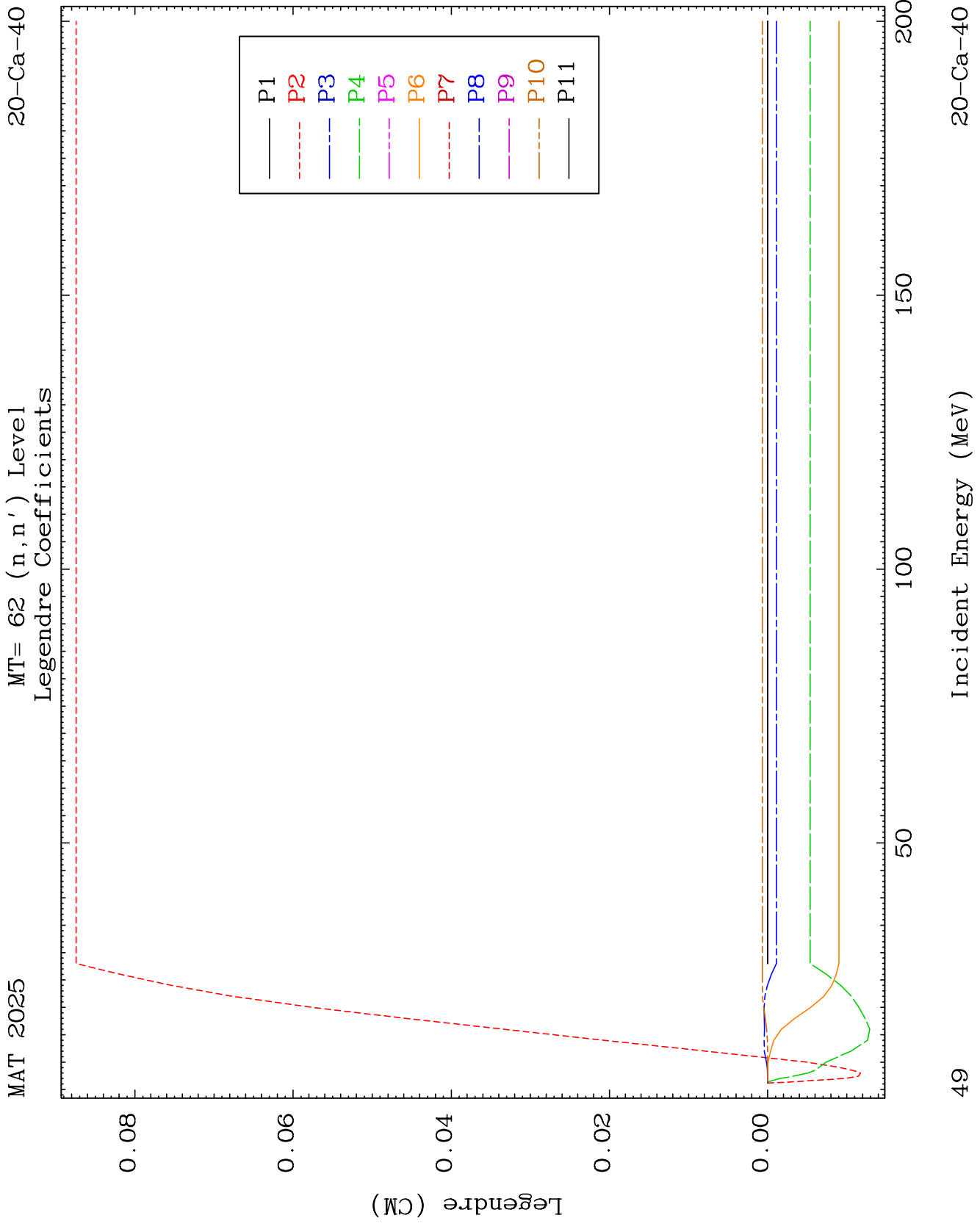








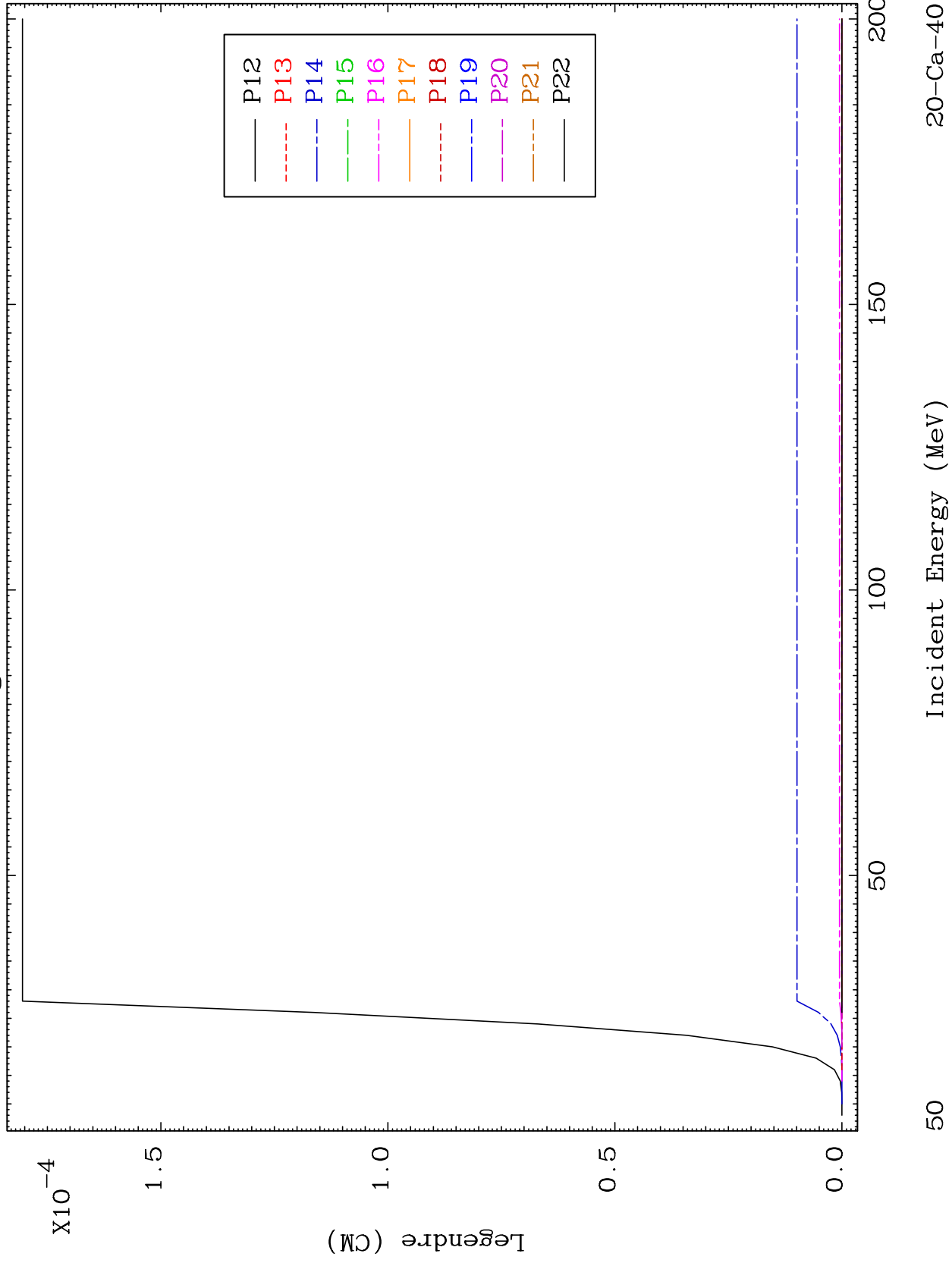


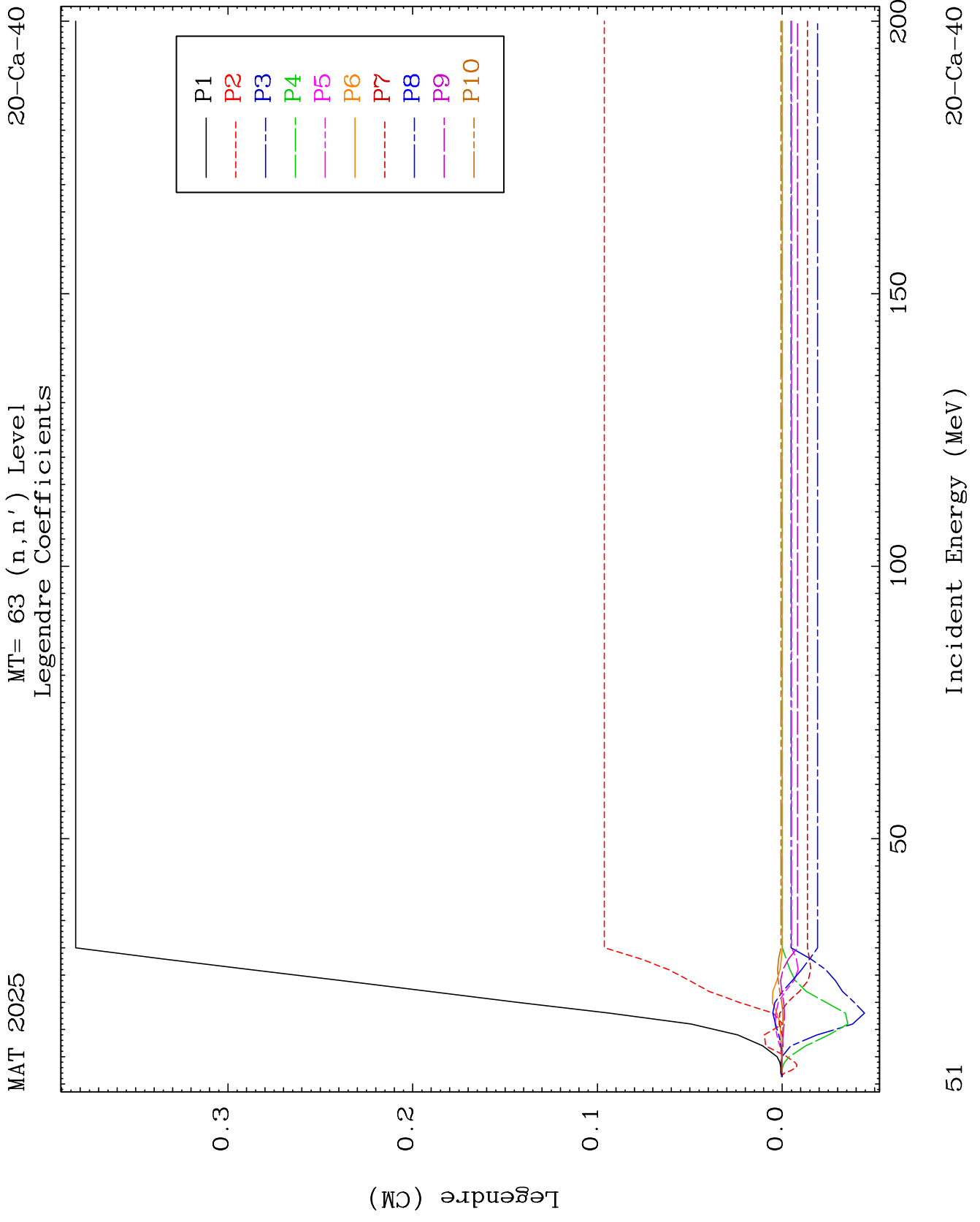


MAT 2025

MT= 62 (n,n') Level
Legendre Coefficients

20-Ca-40

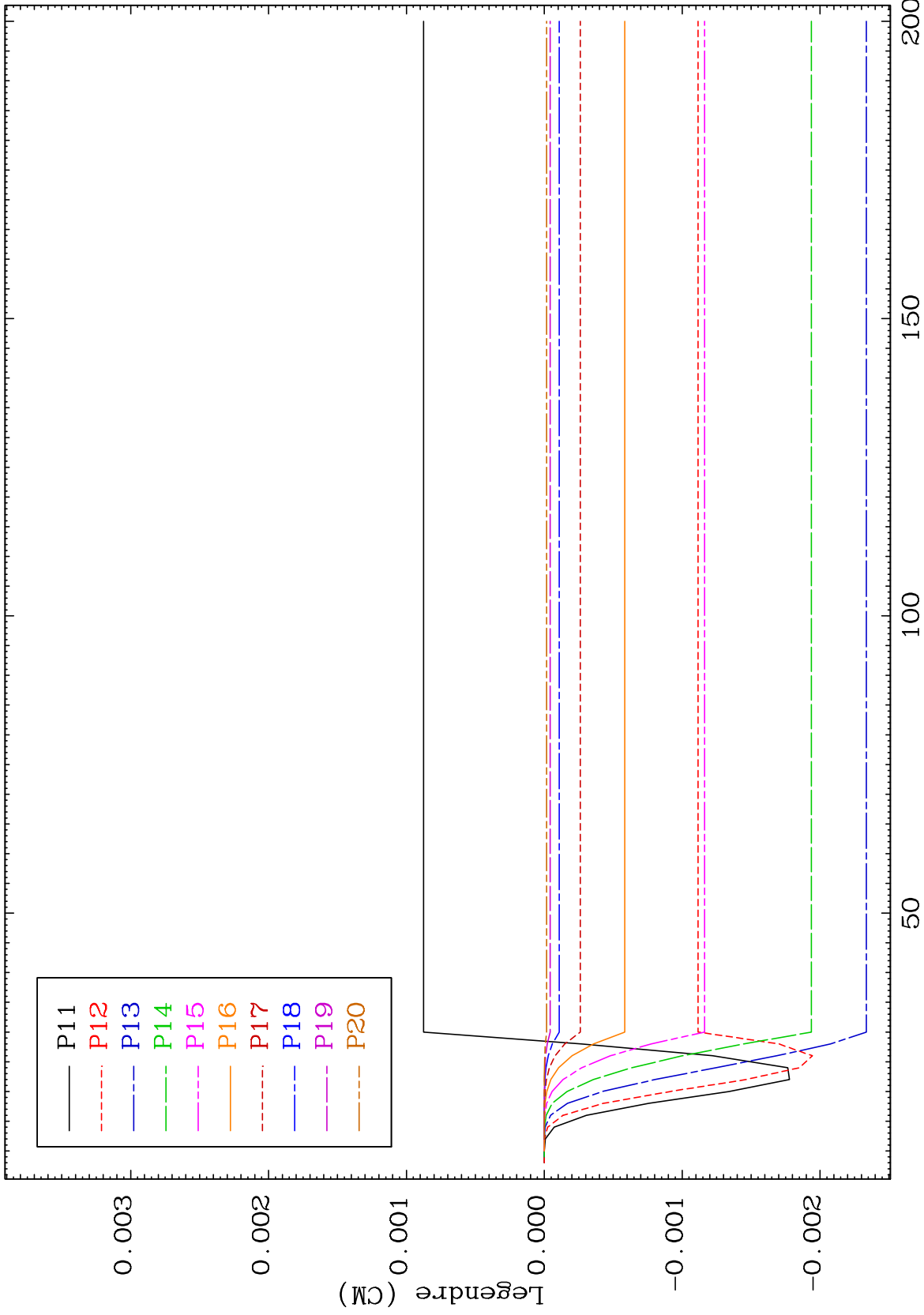




MAT 2025

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

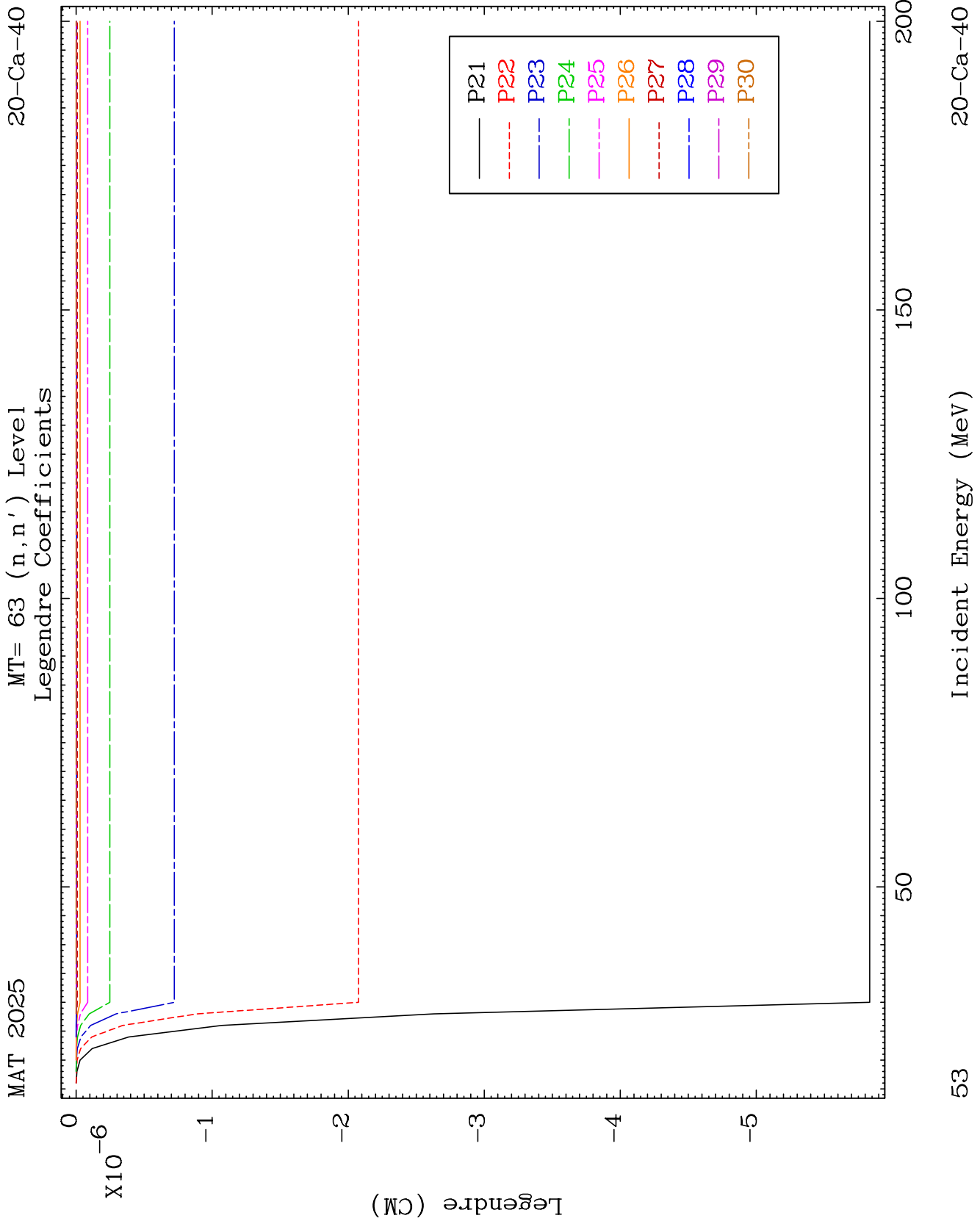
20-Ca-40



52

Incident Energy (MeV)

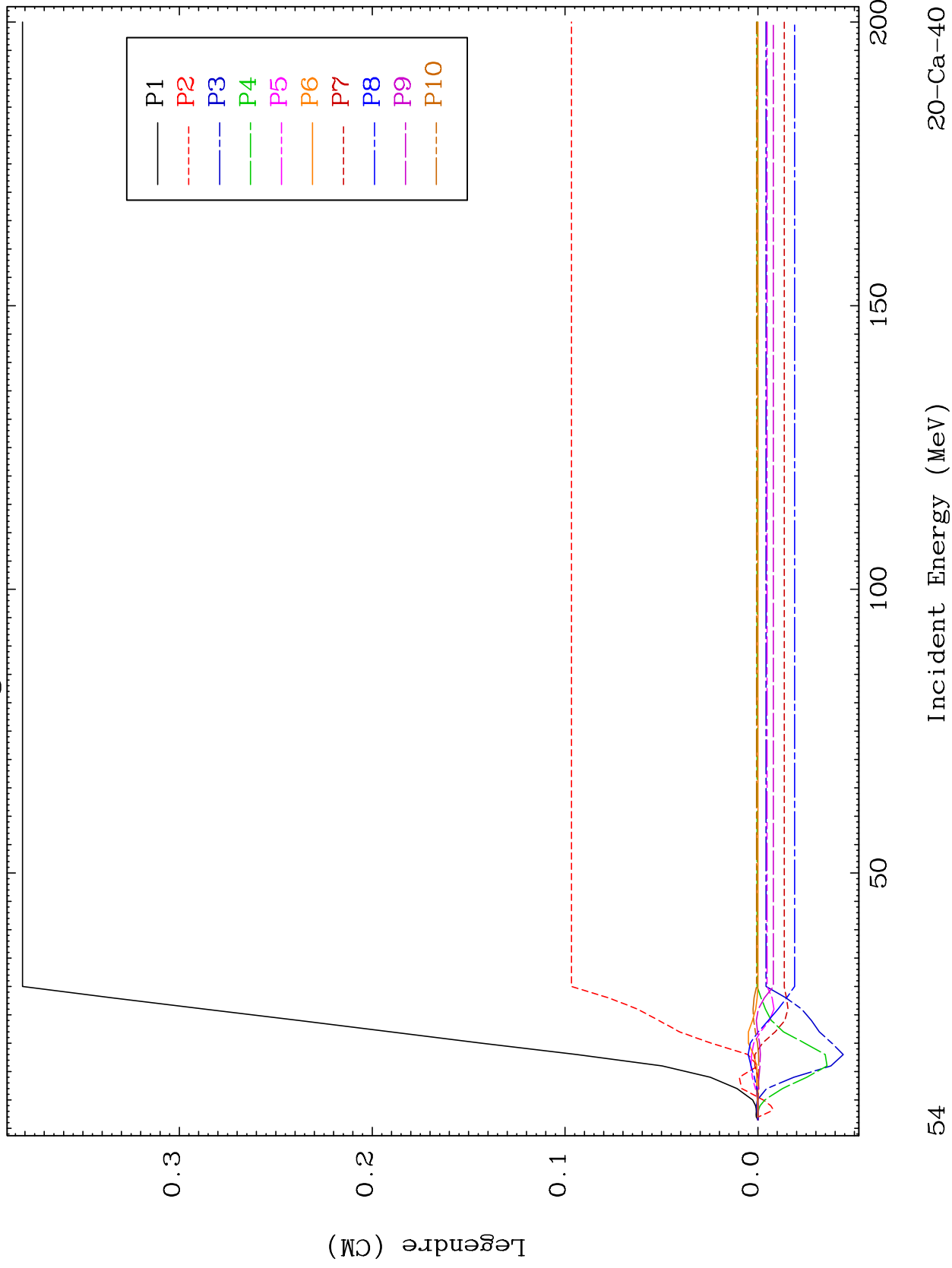
20-Ca-40



MAT 2025

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

20-Ca-40



54

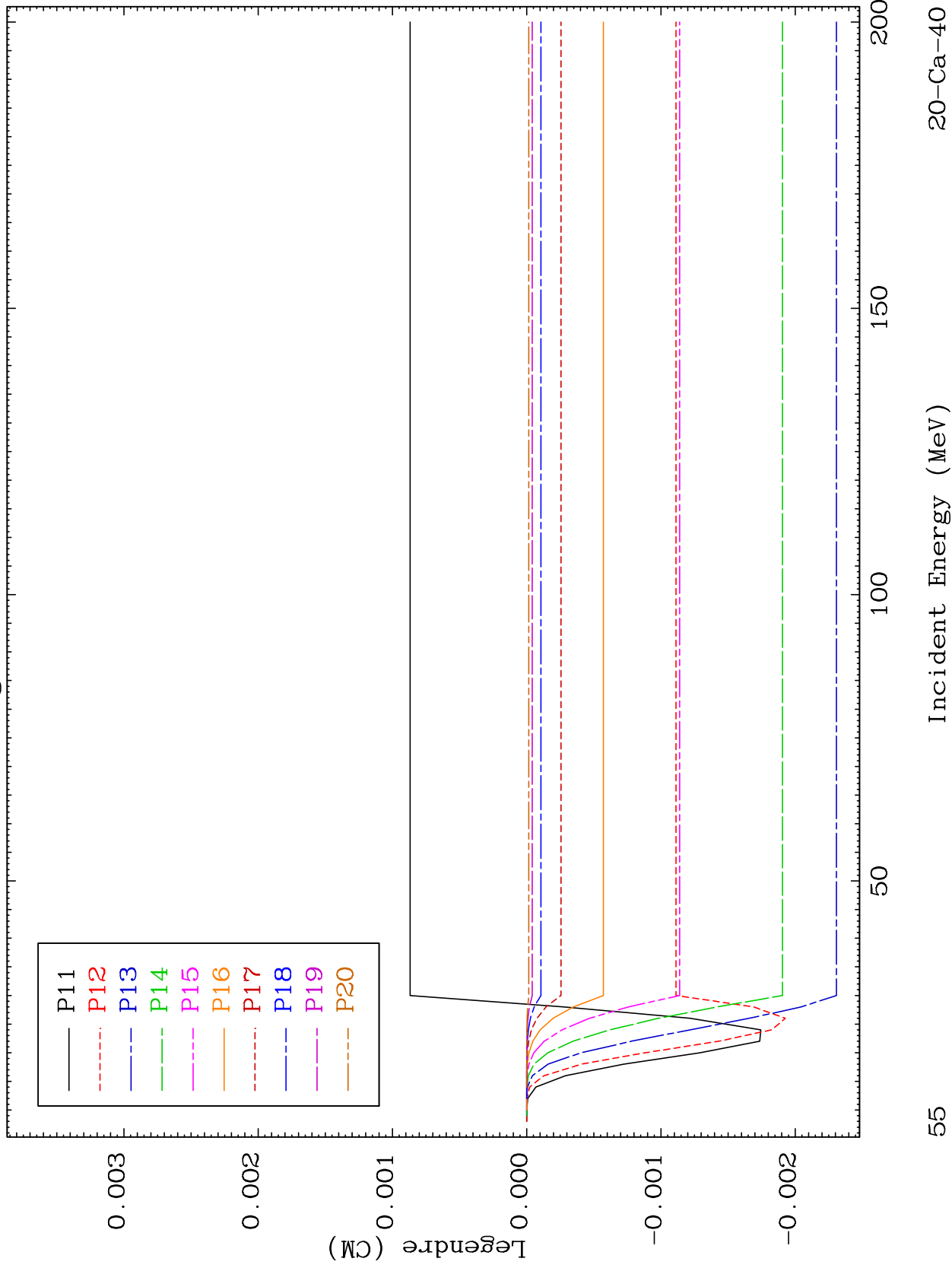
Incident Energy (MeV)

20-Ca-40

MAT 2025

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

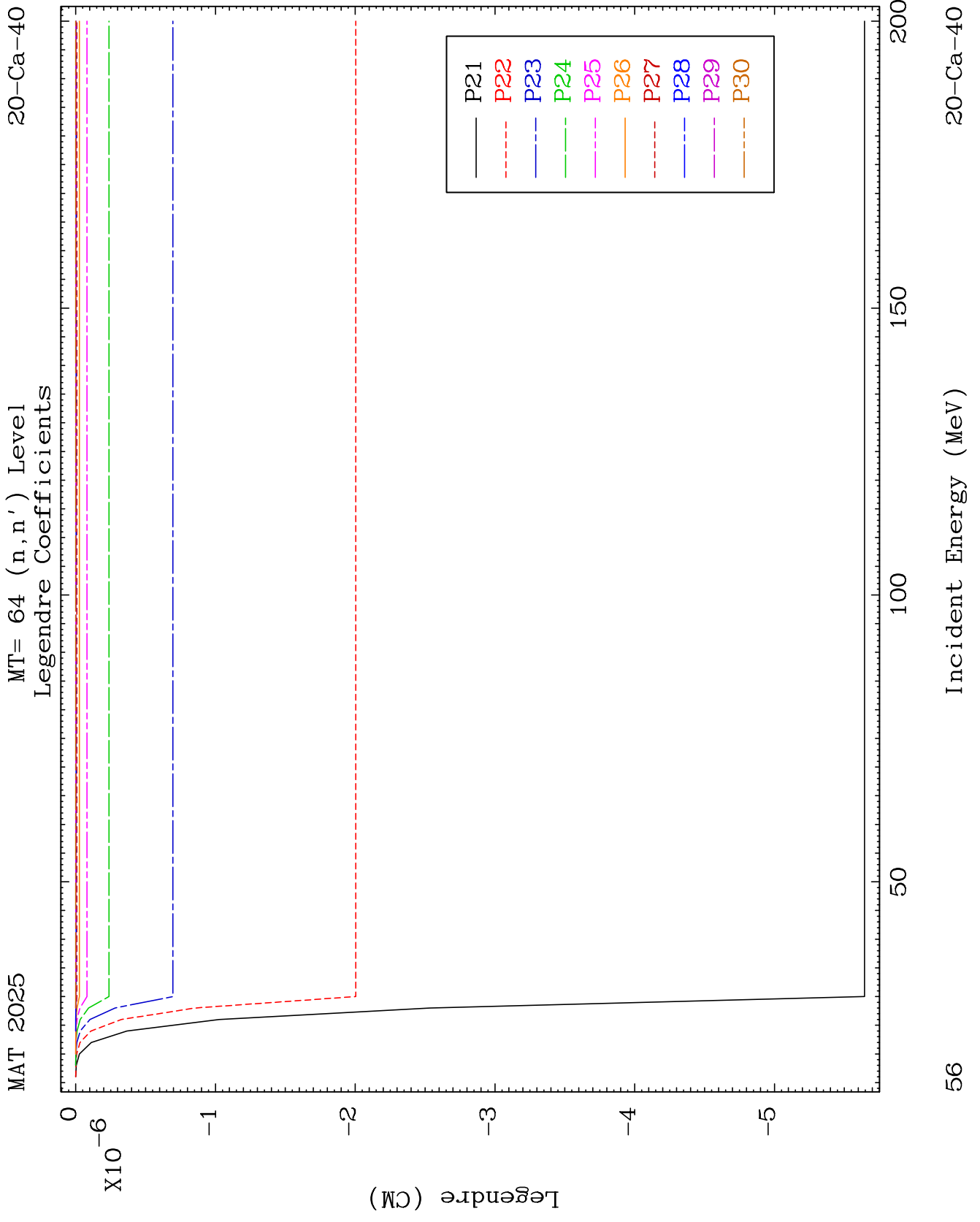
20-Ca-40

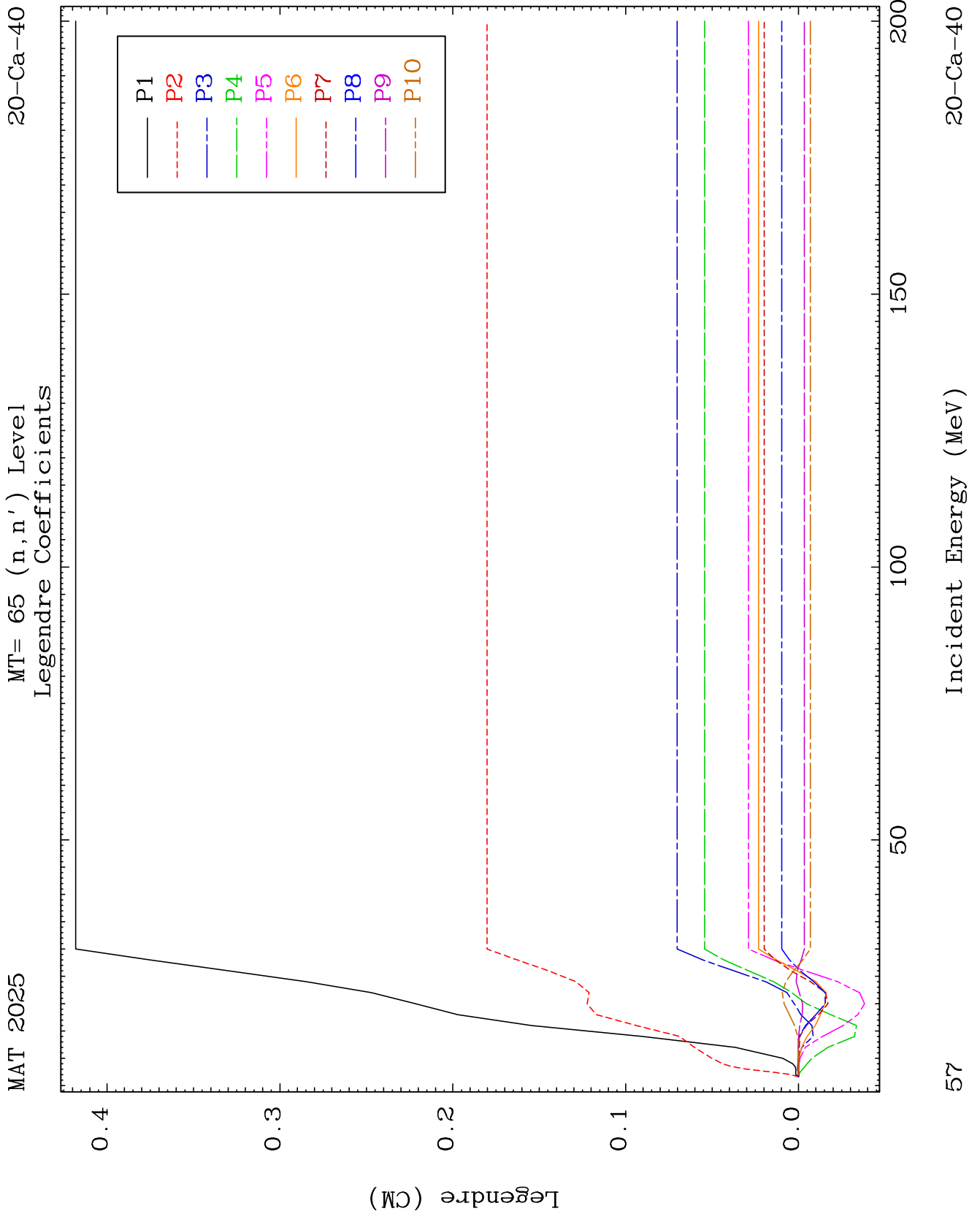


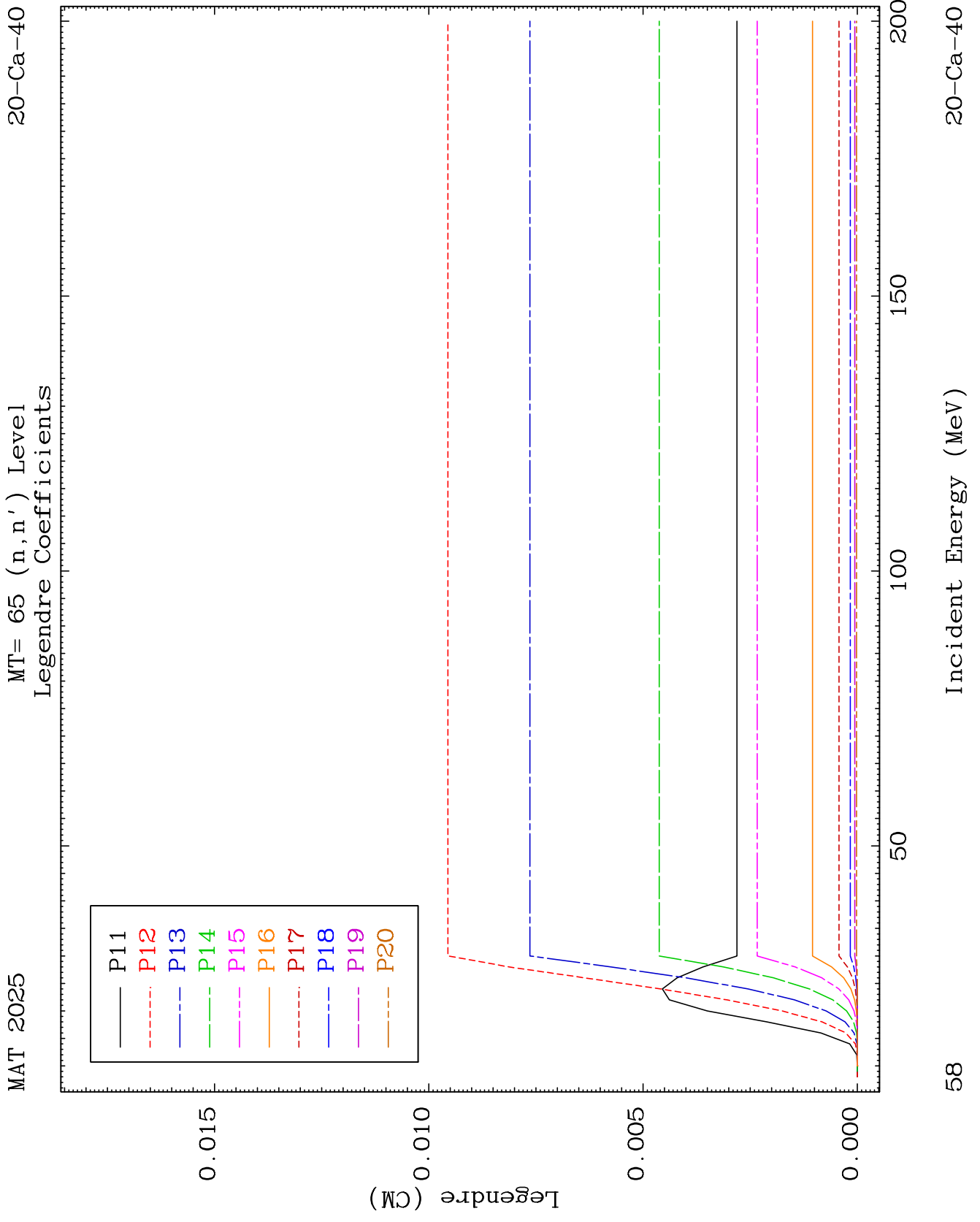
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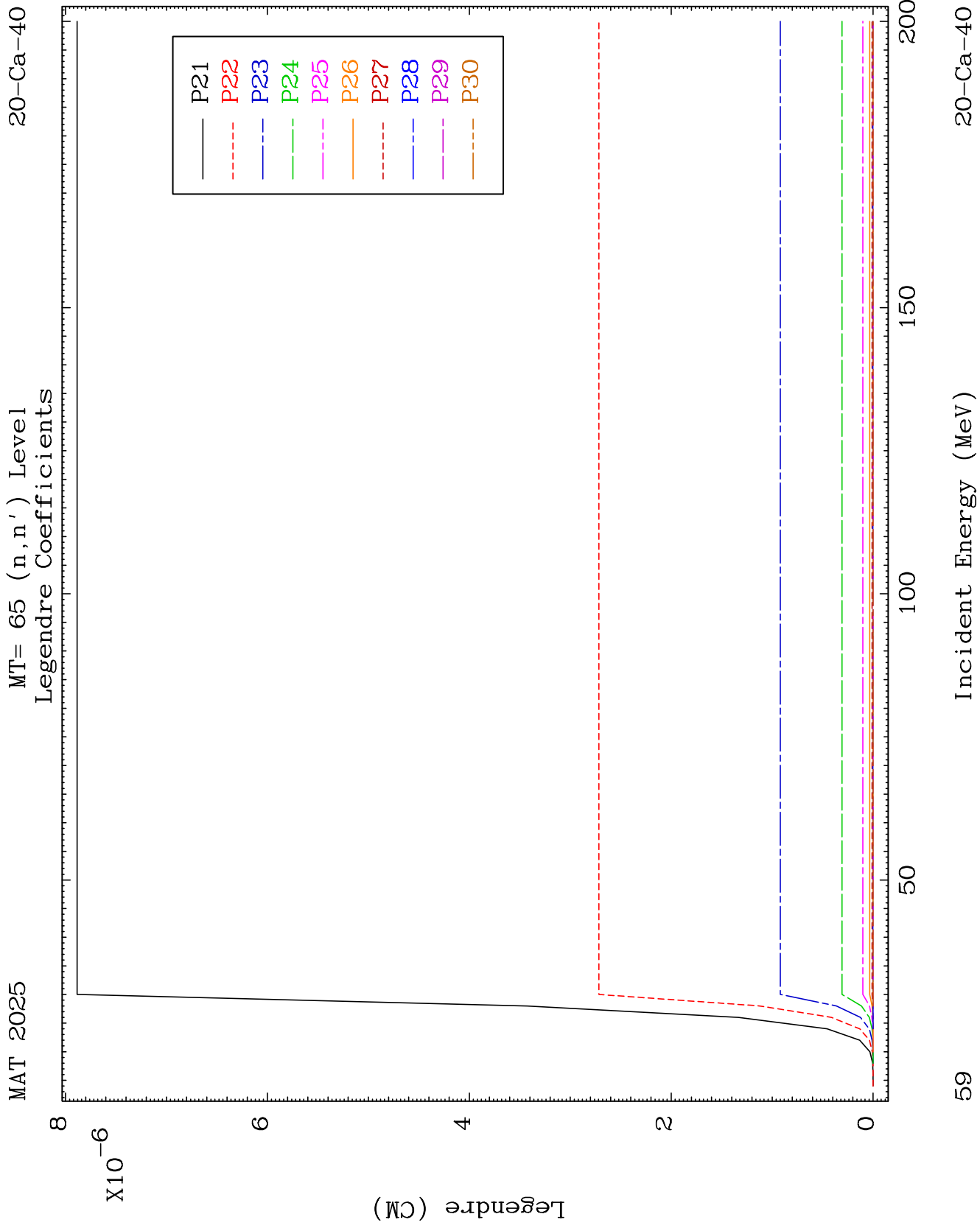
Incident Energy (MeV)

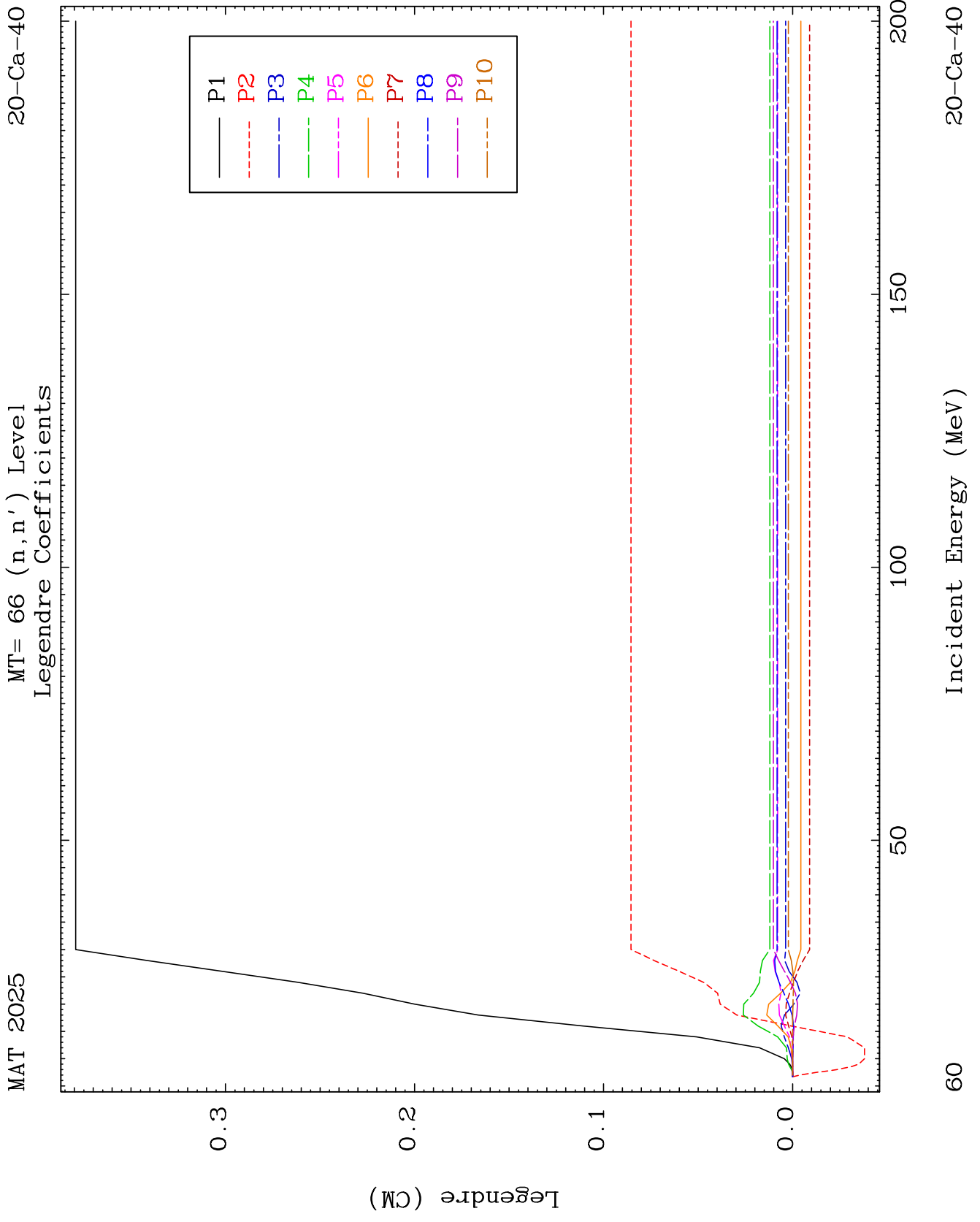
20-Ca-40

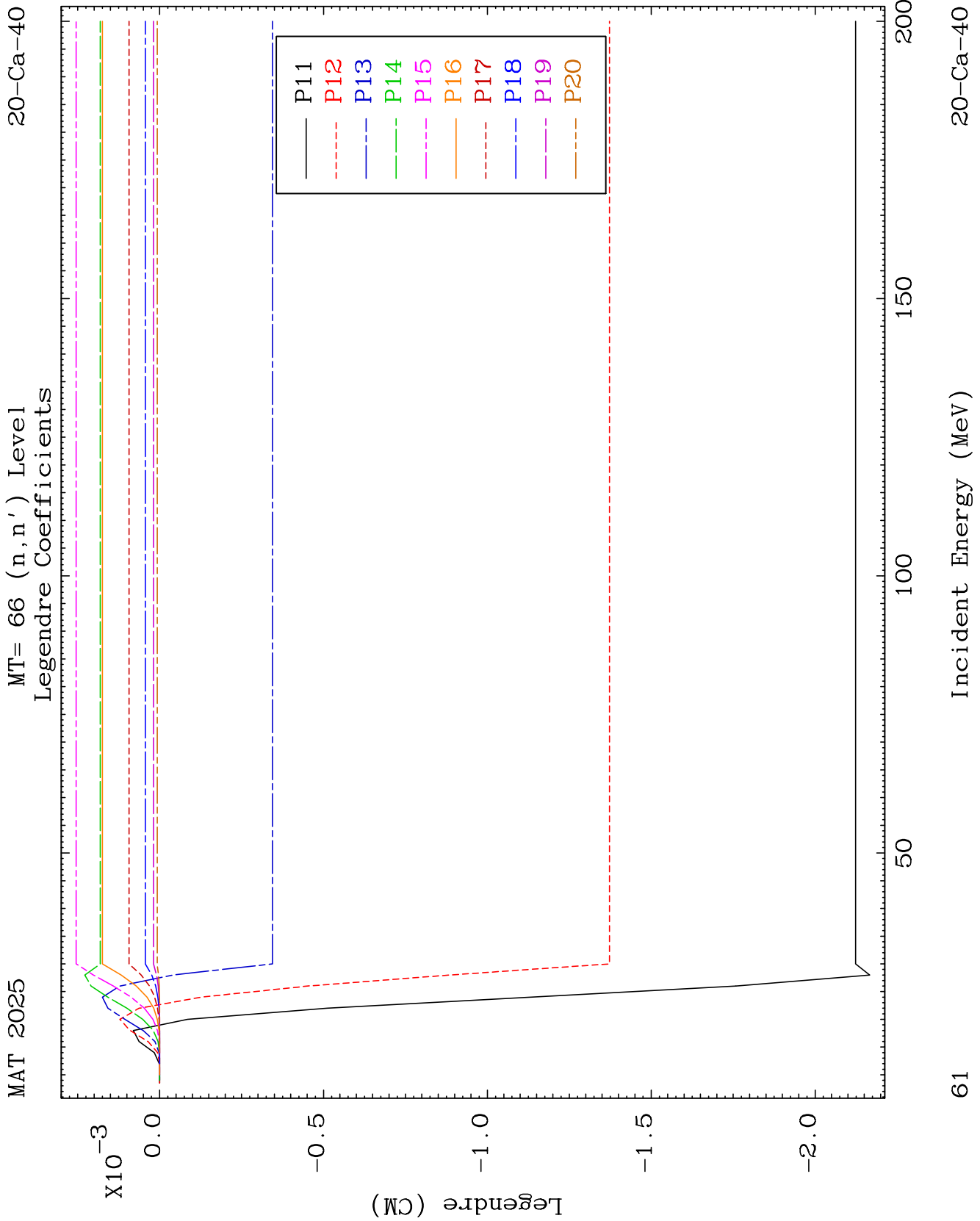


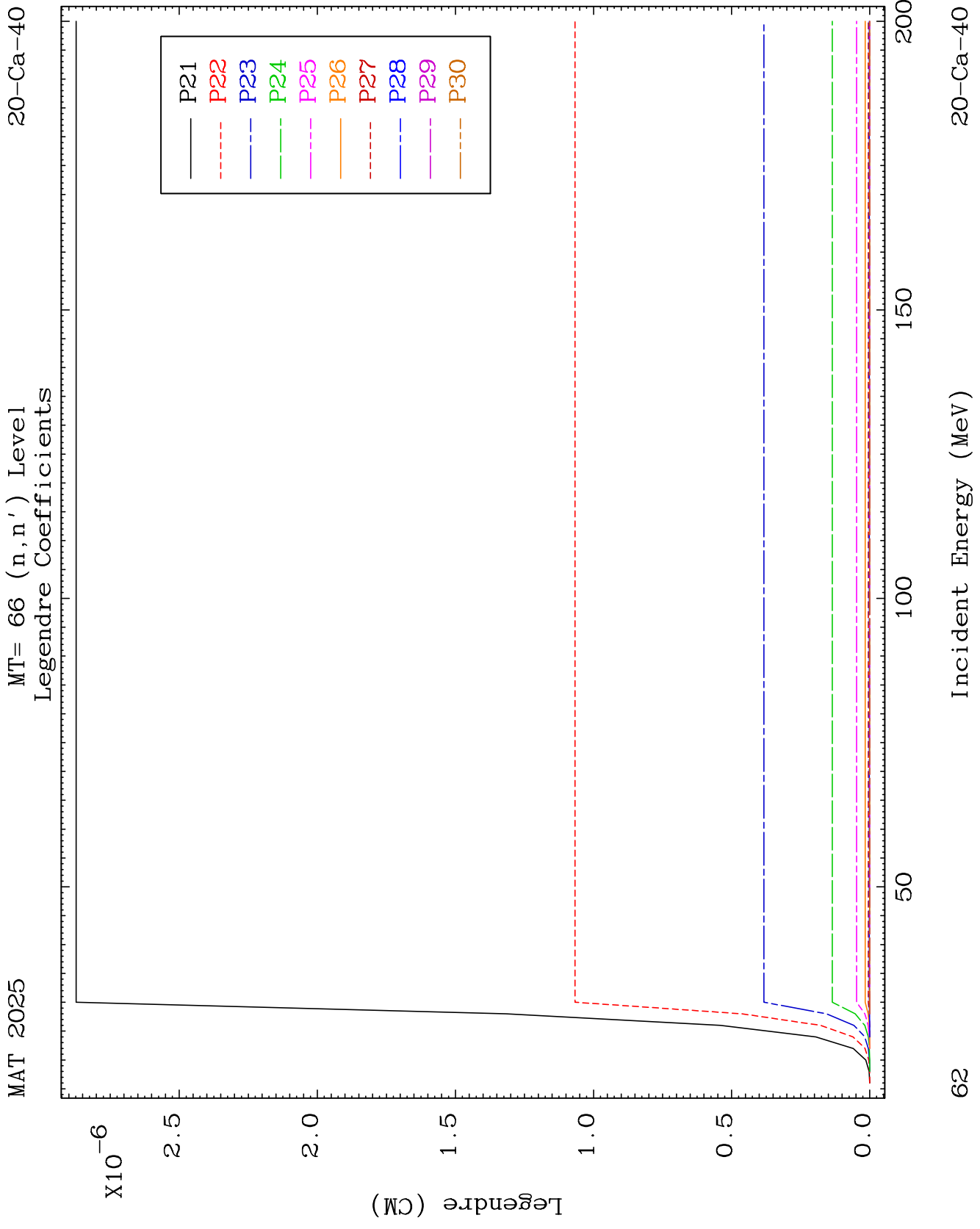




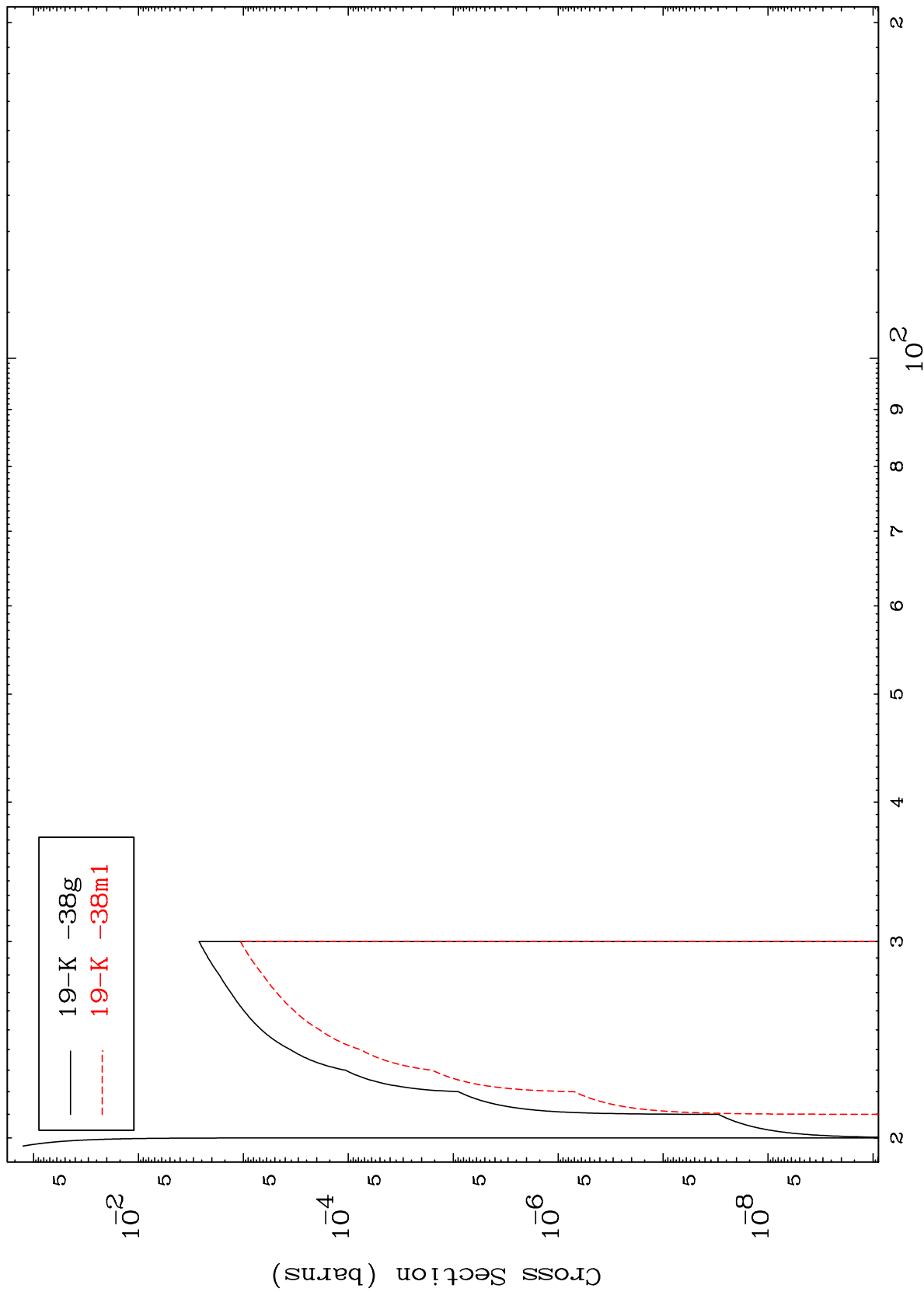








Radionuclide Production Cross Section

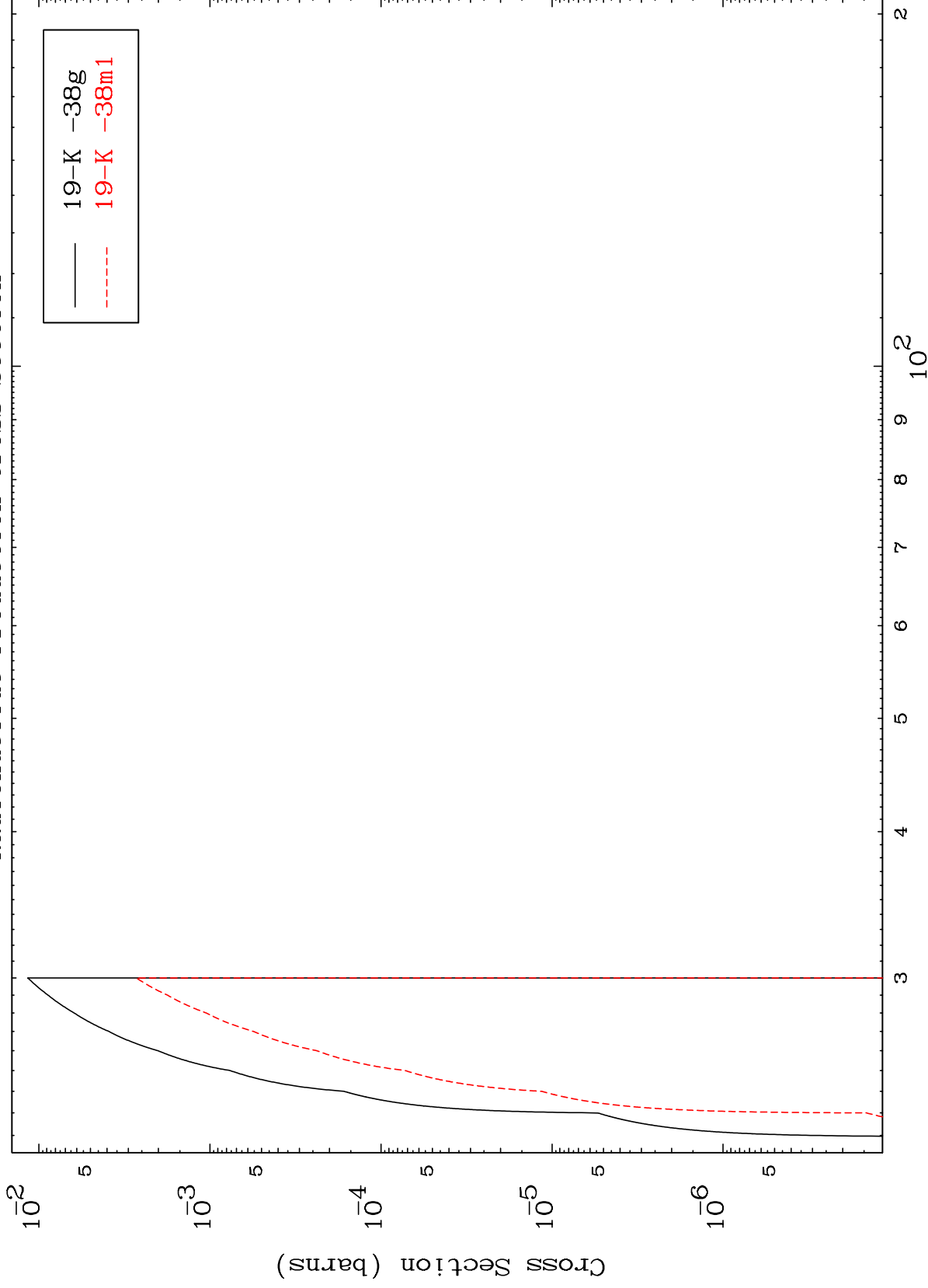


MAT 2025

(n,2n) p

20-Ca-40

Radionuclide Production Cross Section



64

Incident Energy (MeV)

20-Ca-40

