

Program EVALPLOT
(Version 2021-1)

by

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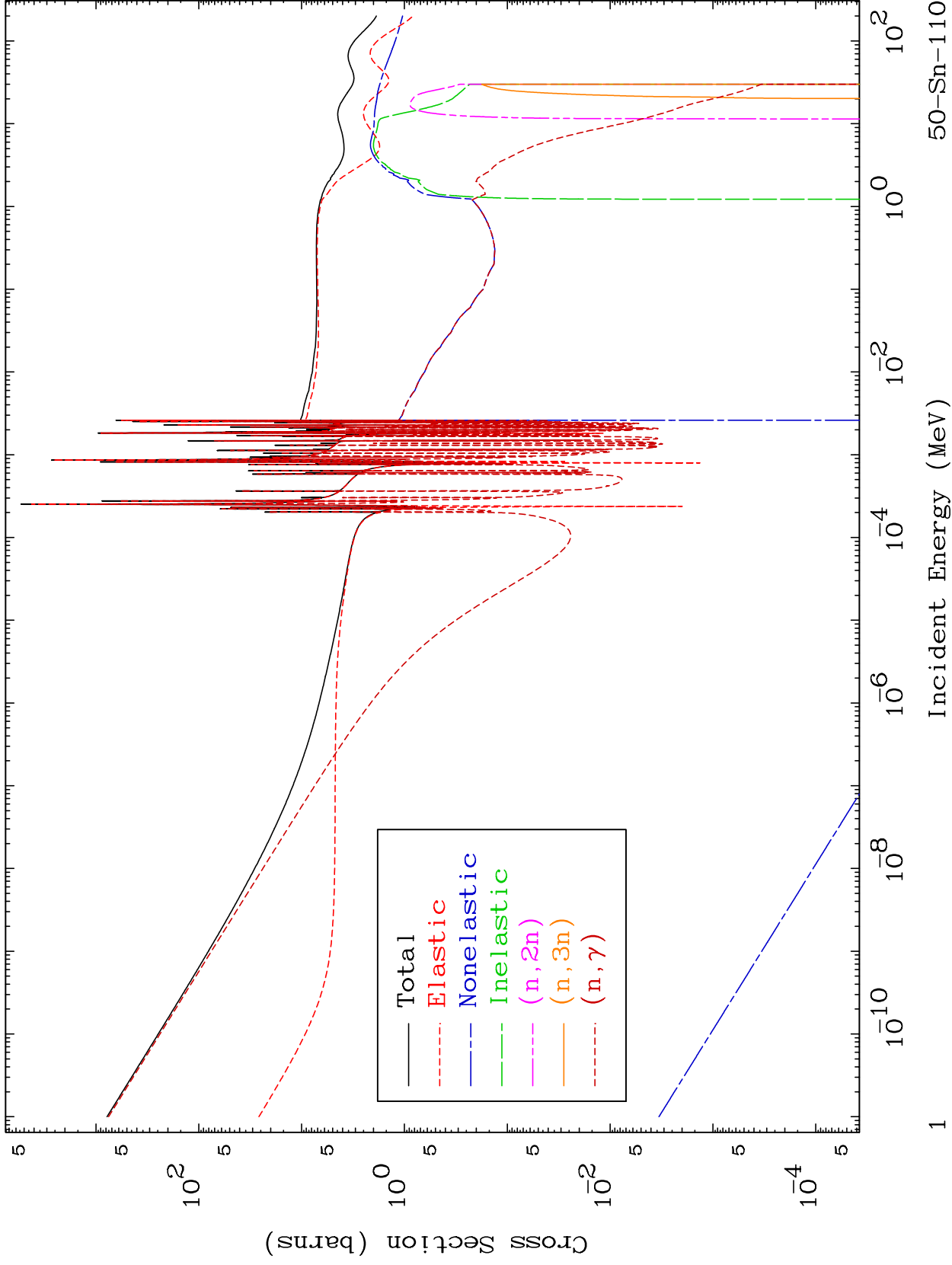
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5019

Neutron Major
293 Kelvin Cross Sections

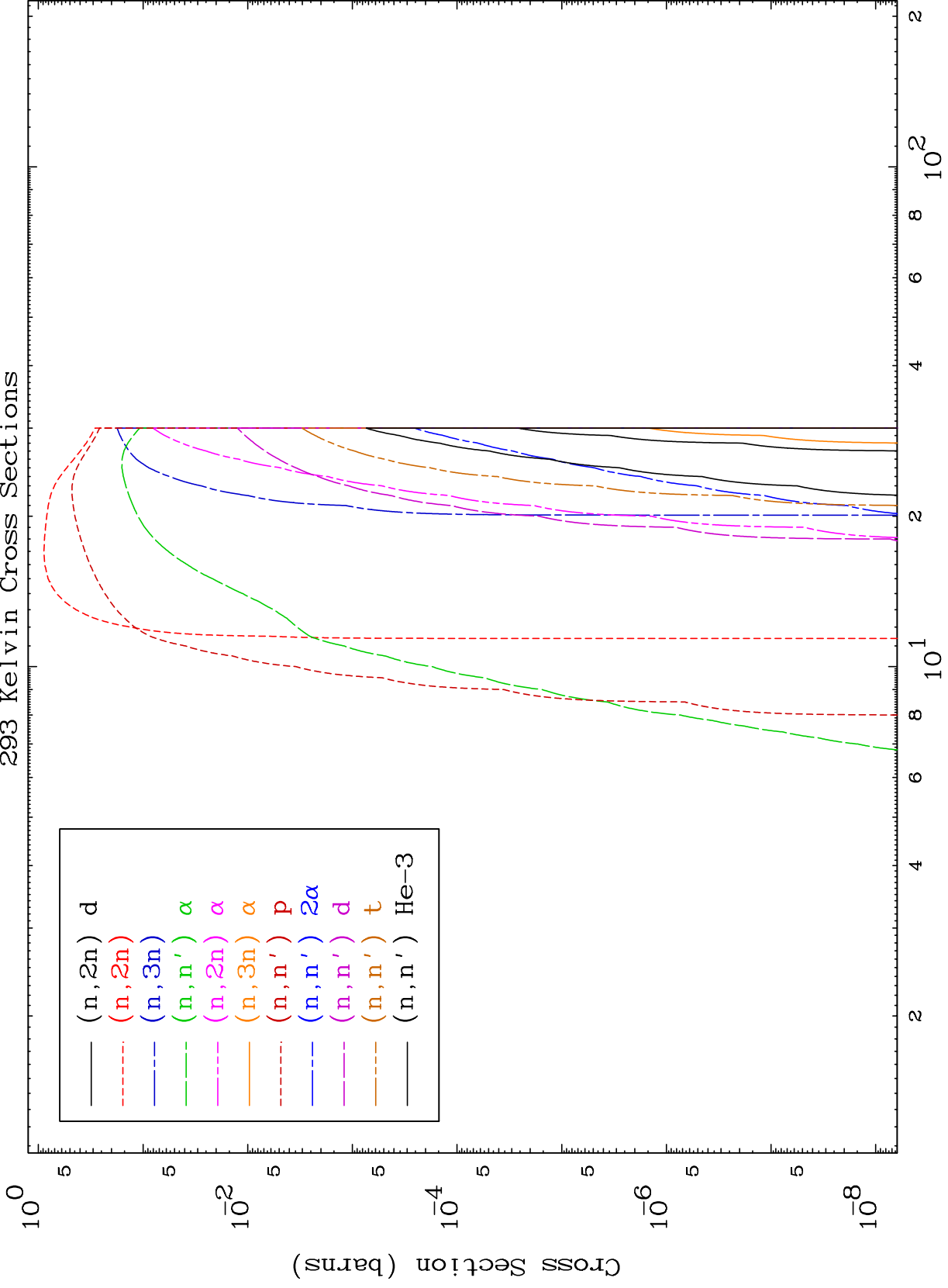
50-Sn-110



MAT 5019

Neutron Absorption
293 Kelvin Cross Sections

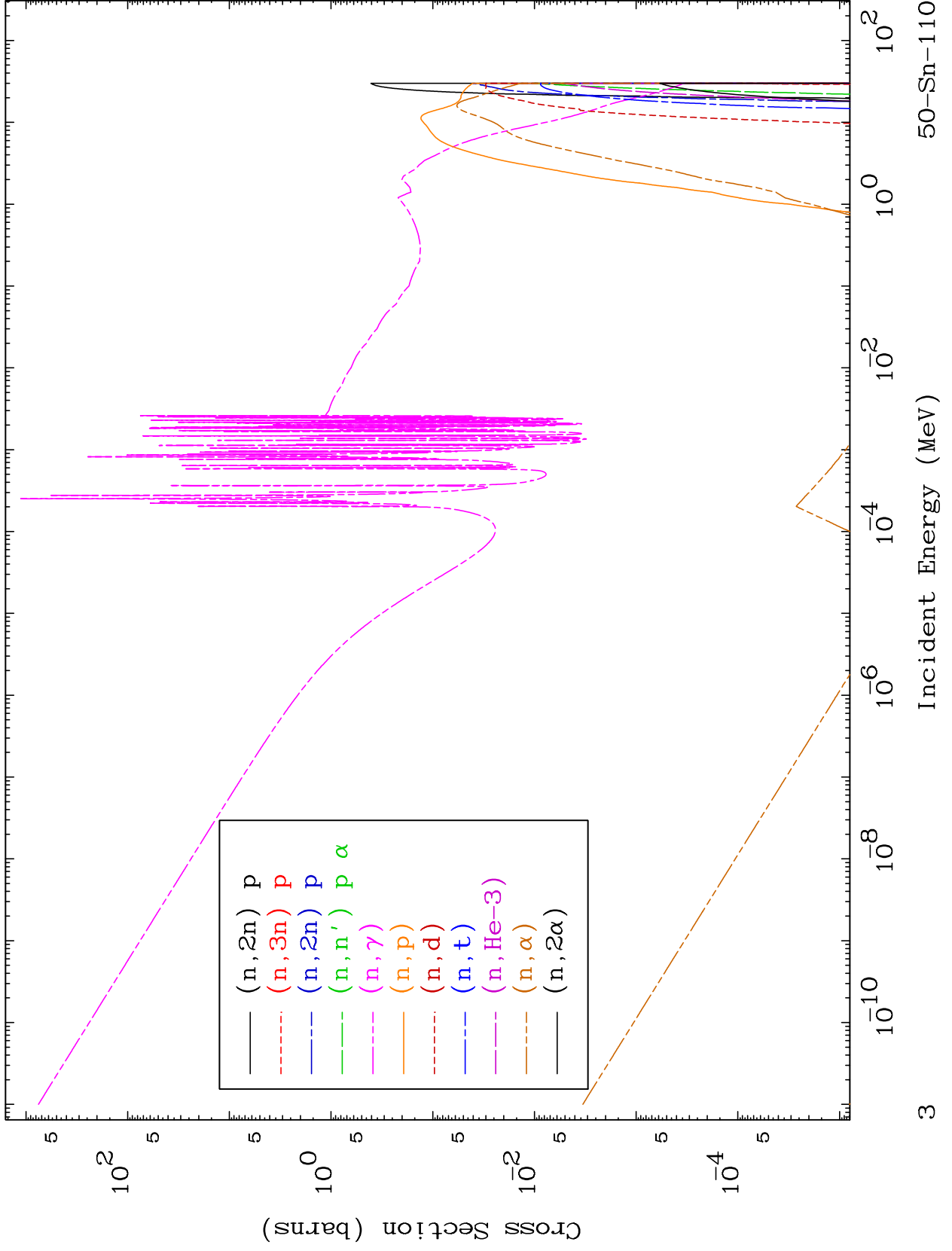
50-Sn-110

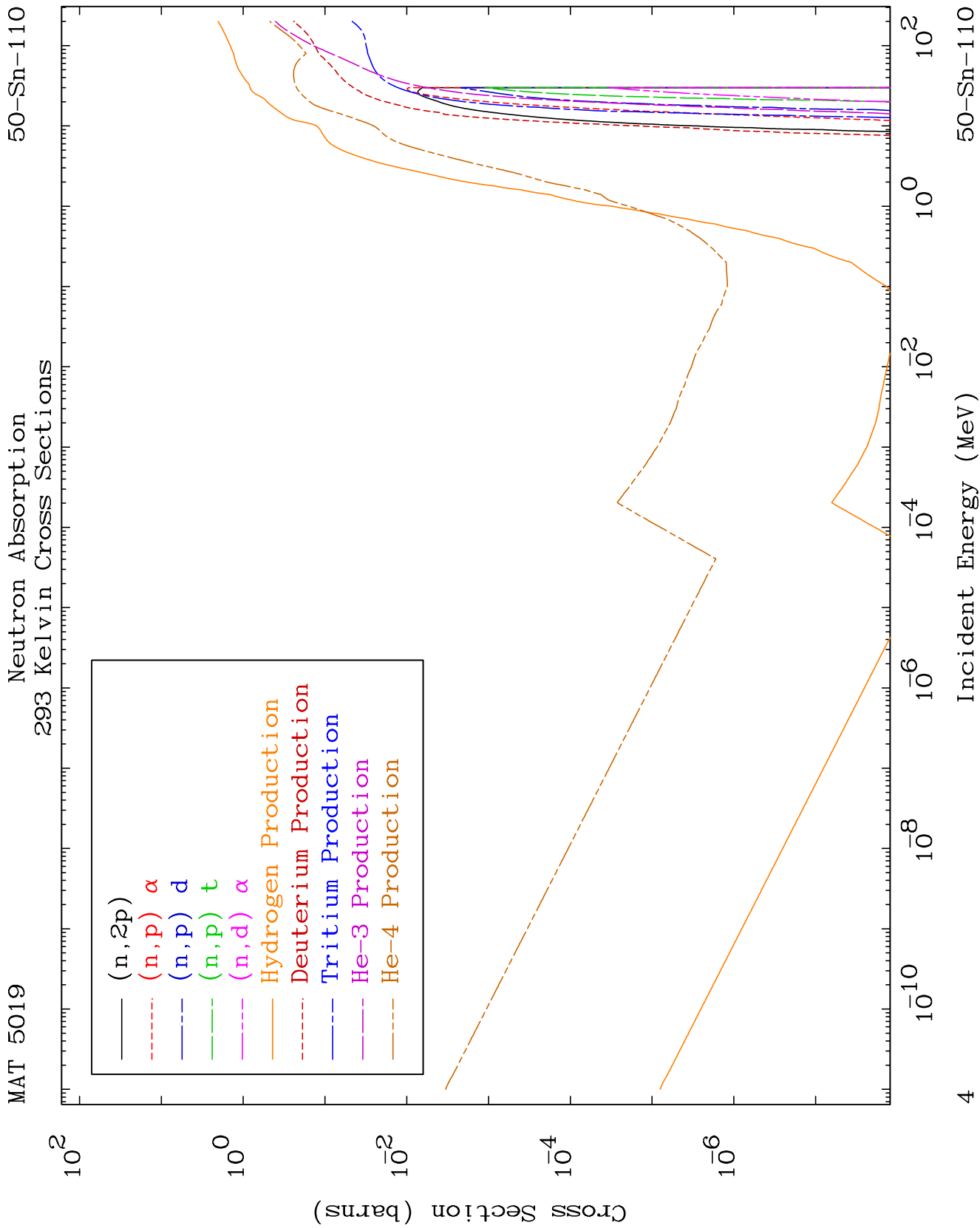


MAT 5019

Neutron Absorption
293 Kelvin Cross Sections

50-Sn-110

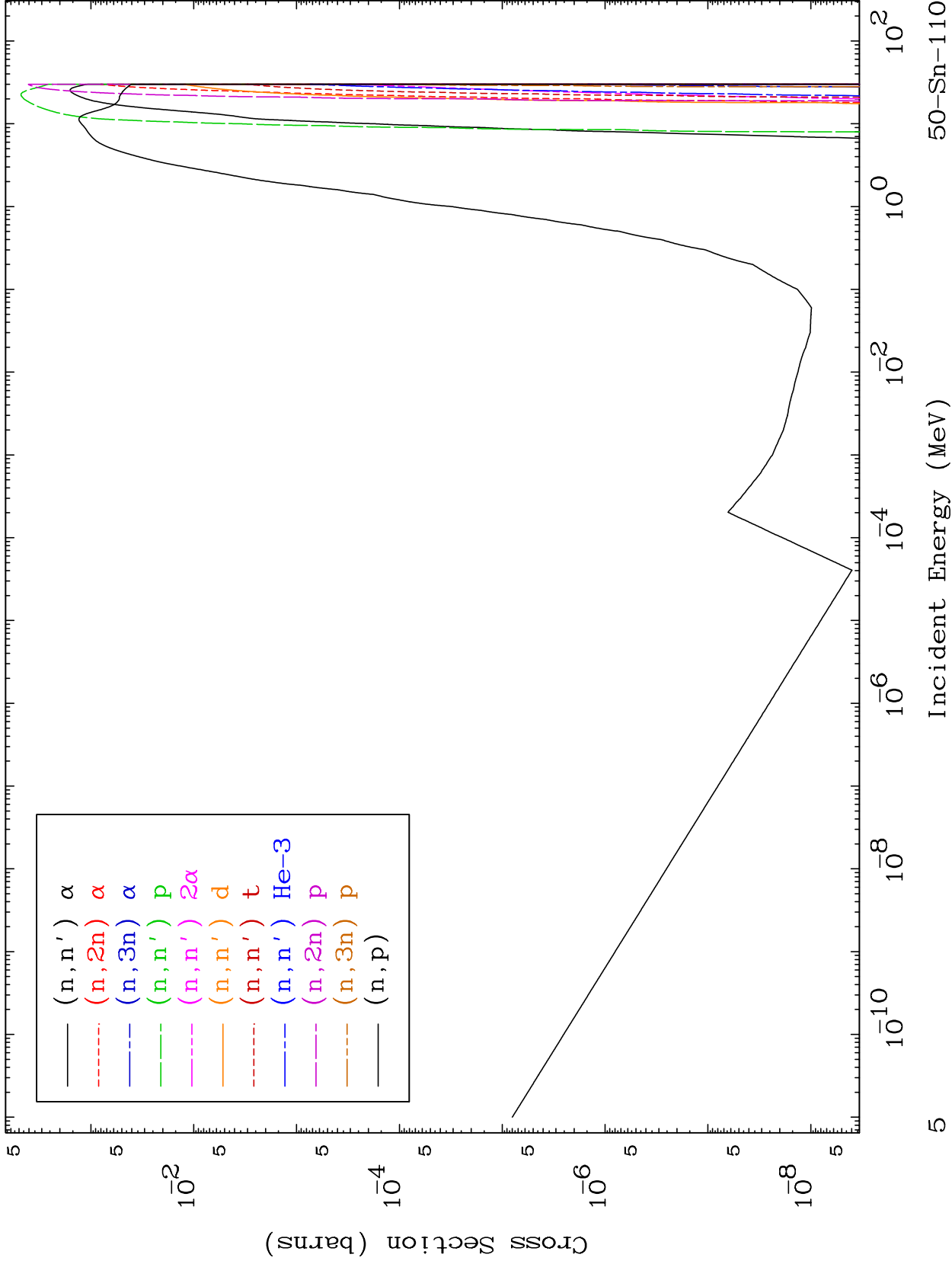




MAT 5019

Charged Particle
293 Kelvin Cross Sections

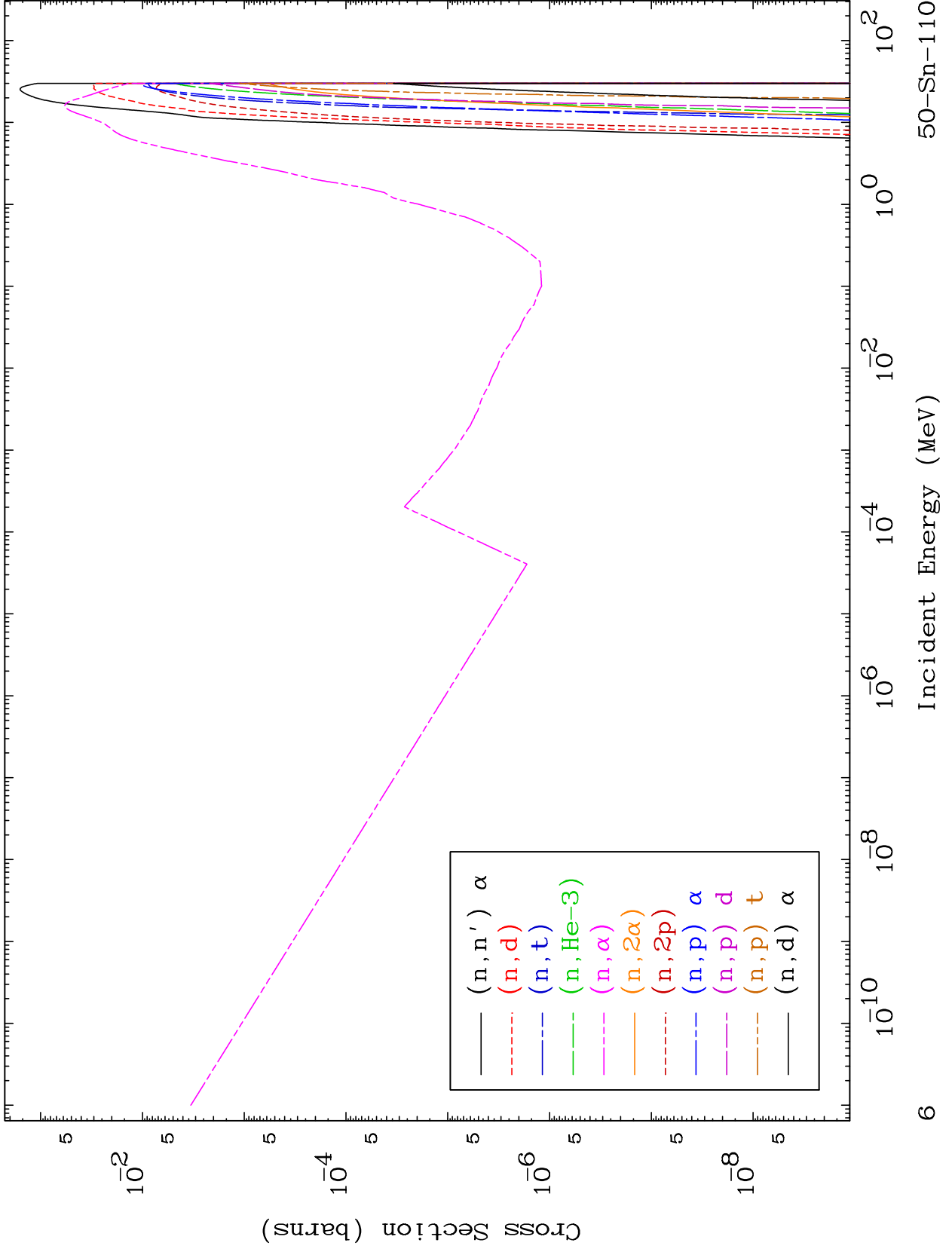
50-Sn-110



MAT 5019

Charged Particle
293 Kelvin Cross Sections

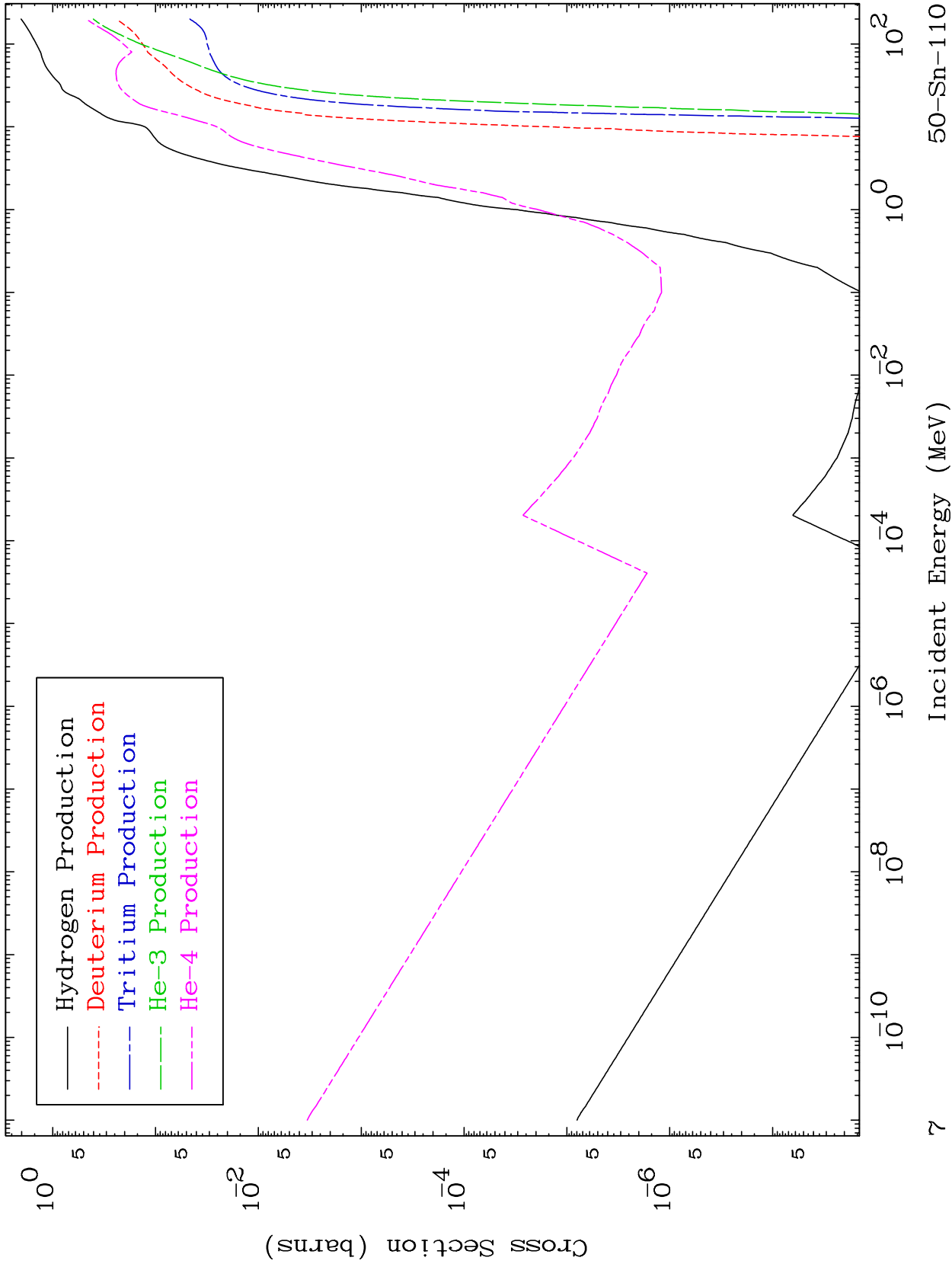
50-Sn-110



MAT 5019

Particle Production
293 Kelvin Cross Sections

50-Sn-110

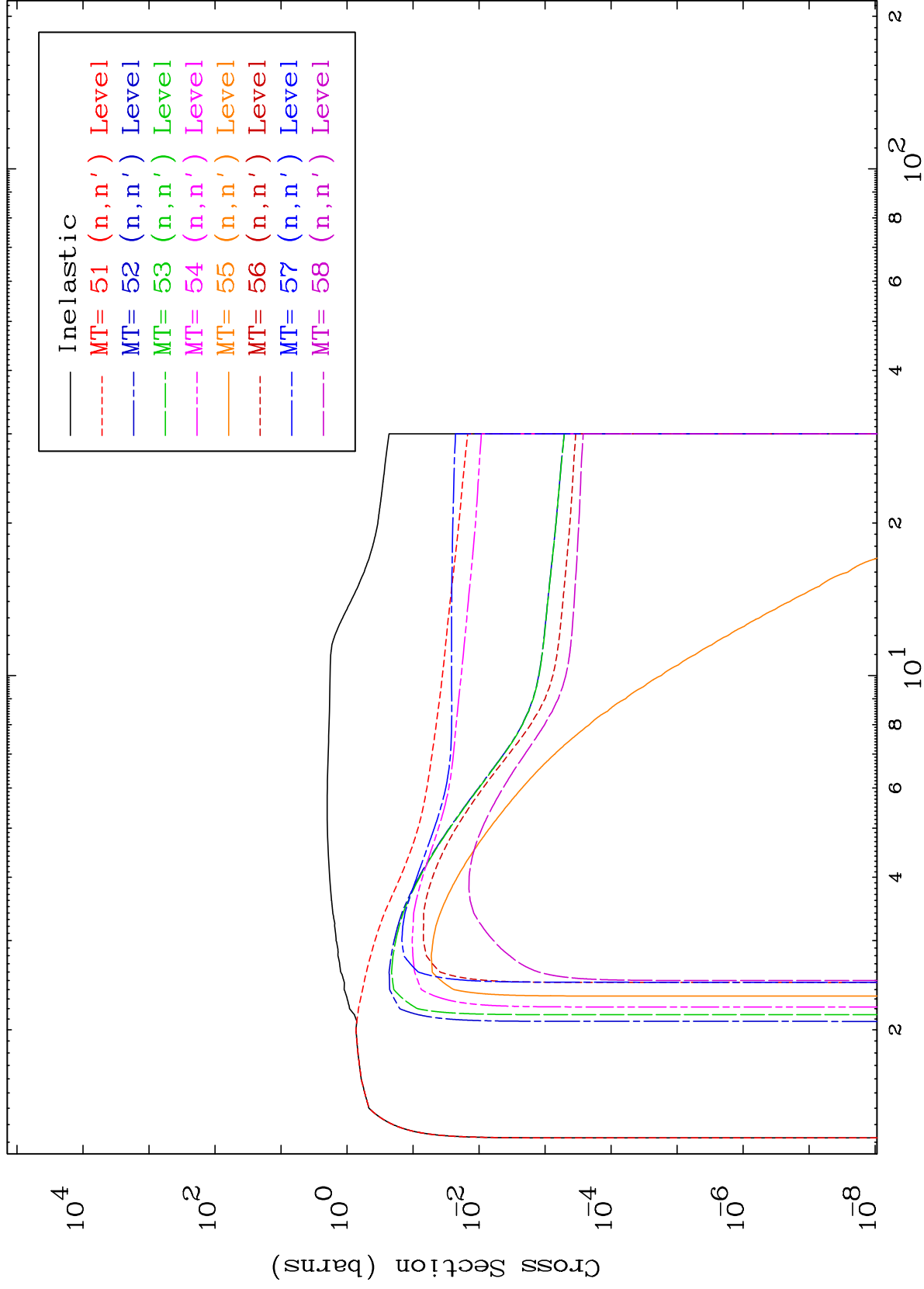


MAT 5019

(n,n') Levels

293 Kelvin Cross Sections

50-Sn-110



8

Incident Energy (MeV)

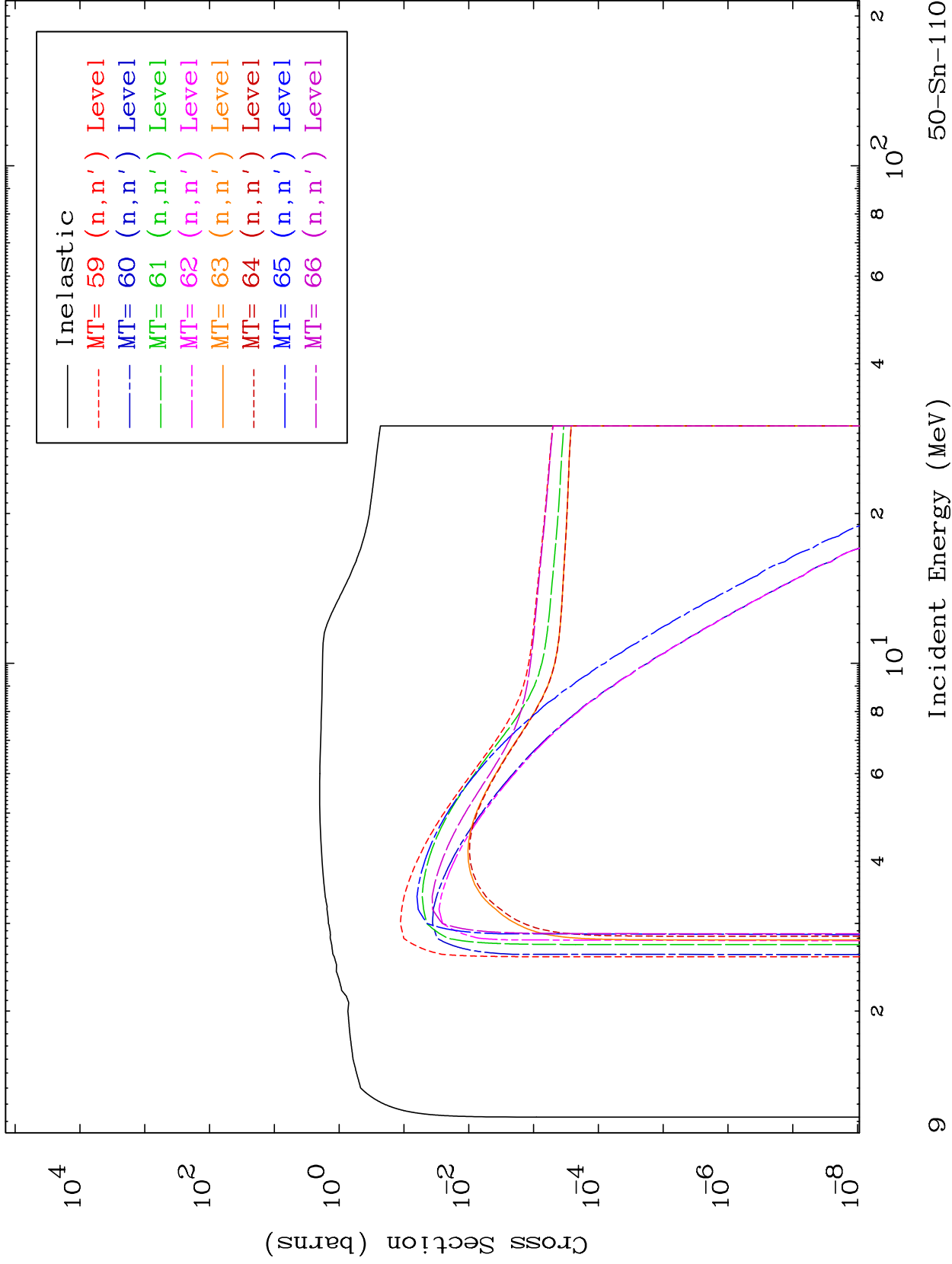
50-Sn-110

MAT 5019

(n,n') Levels

50-Sn-110

293 Kelvin Cross Sections

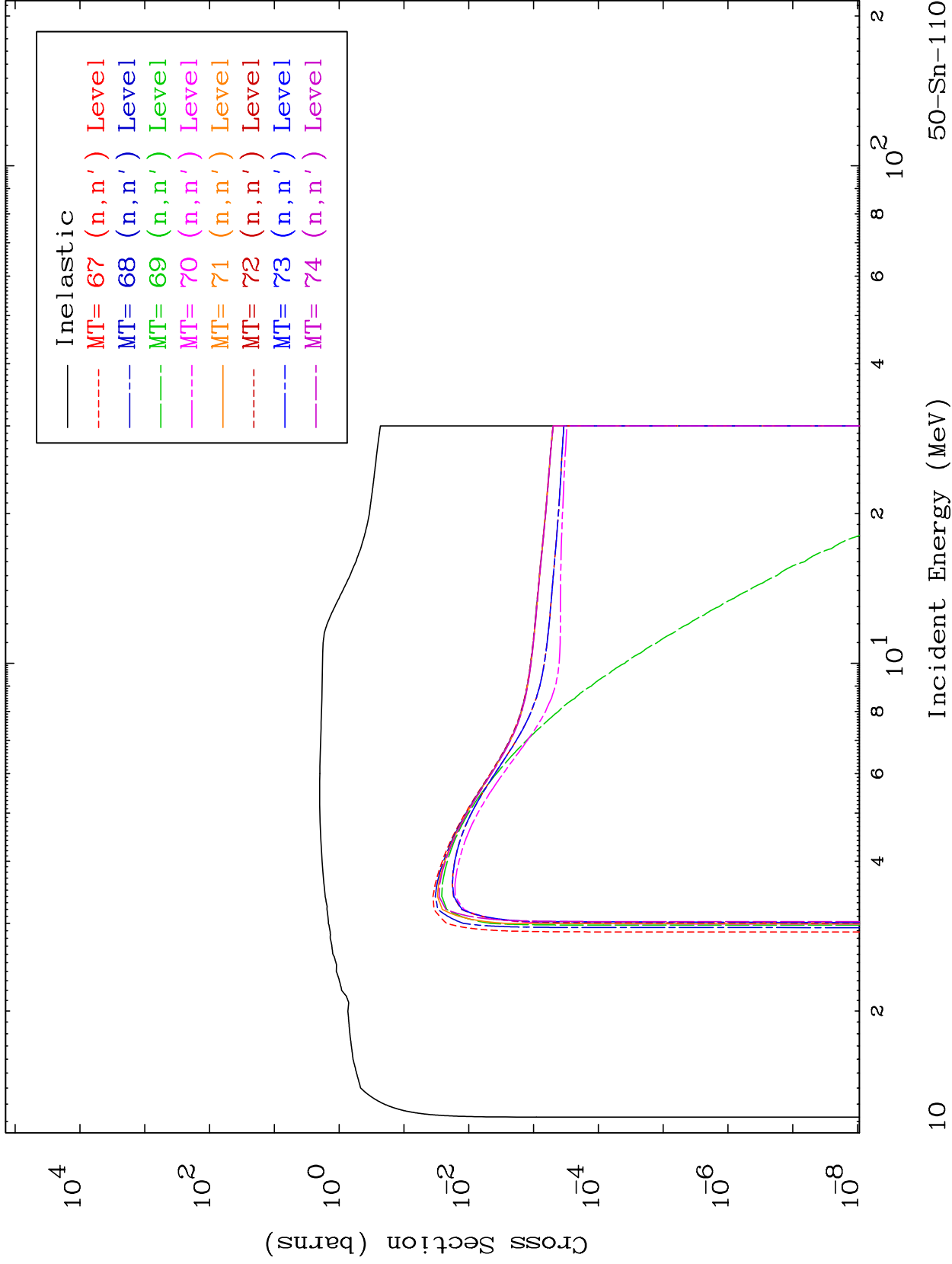


MAT 5019

(n,n') Levels

50-Sn-110

293 Kelvin Cross Sections



10

Incident Energy (MeV)

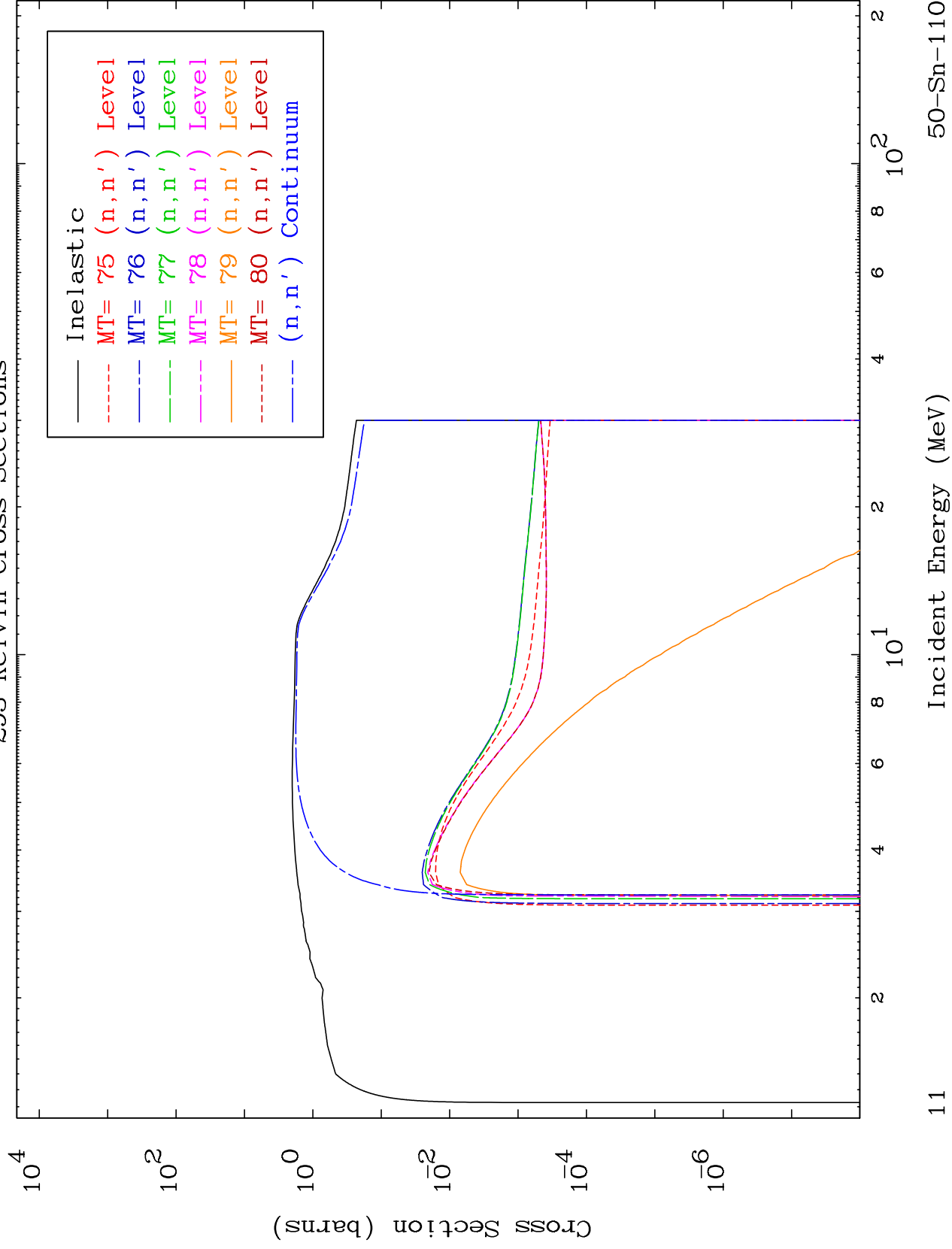
50-Sn-110

MAT 5019

(n,n') Levels

50-Sn-110

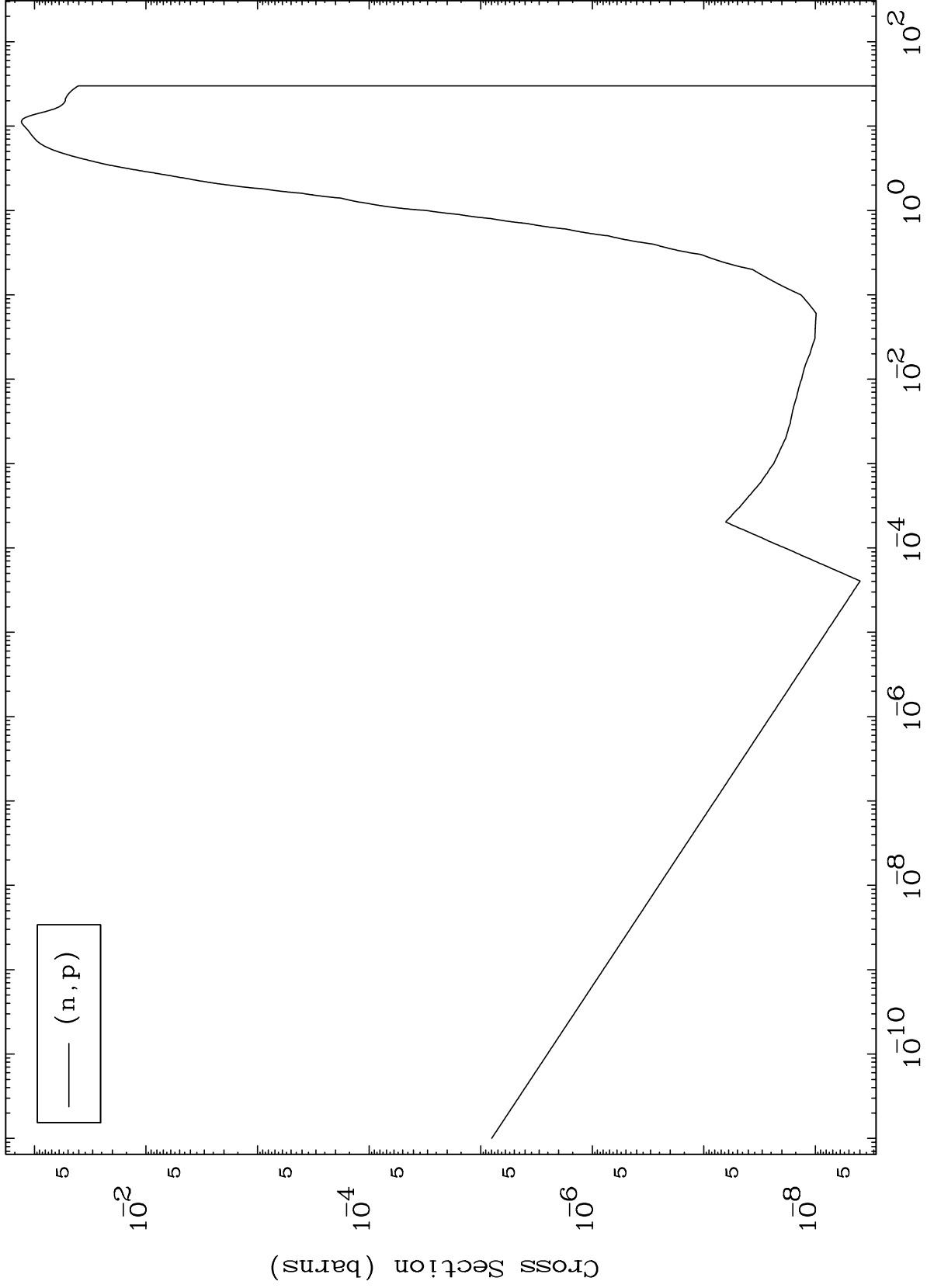
293 Kelvin Cross Sections



MAT 5019

(n,p) Levels
293 Kelvin Cross Sections

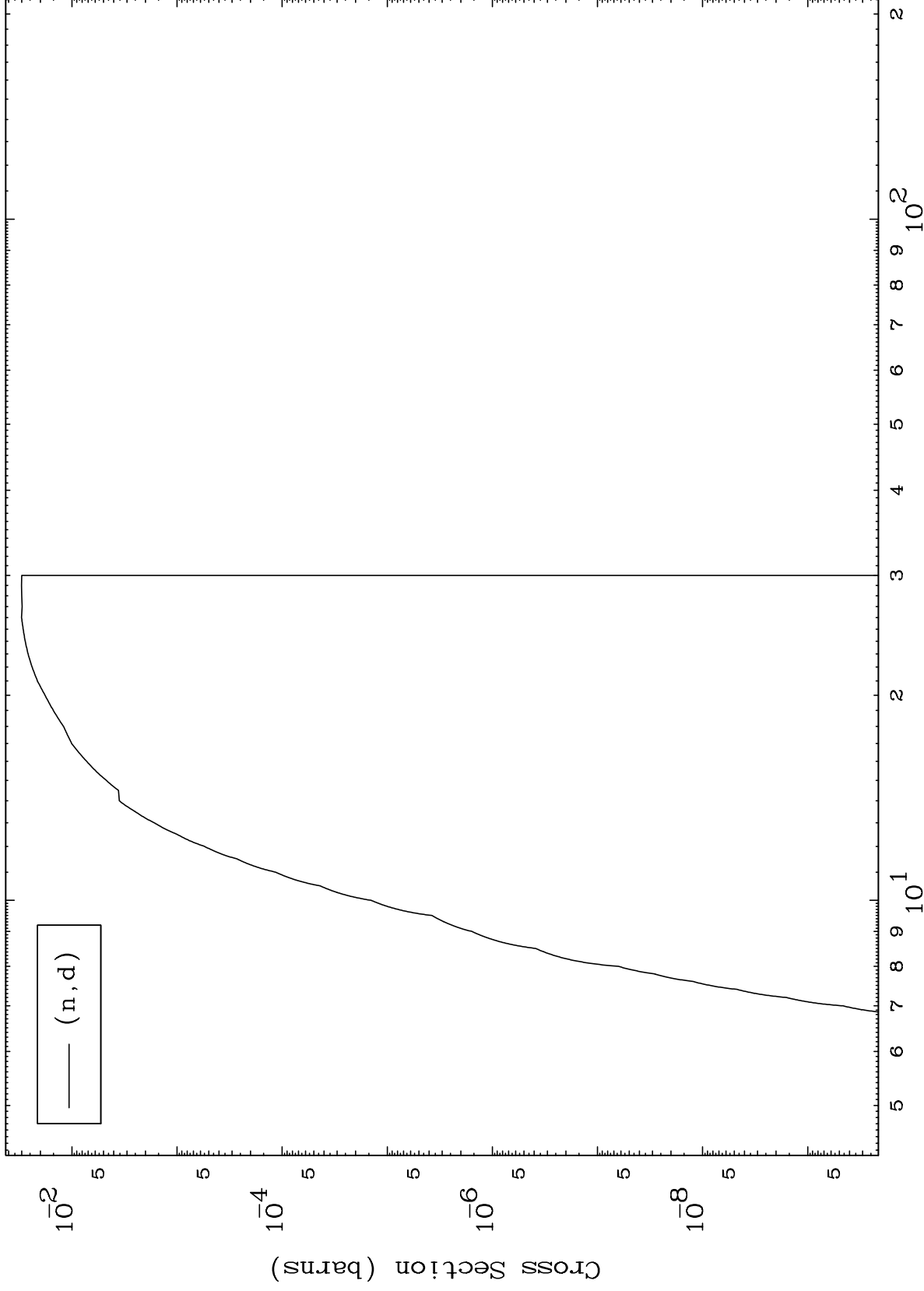
50-Sn-110



MAT 5019

(n,d) Levels
293 Kelvin Cross Sections

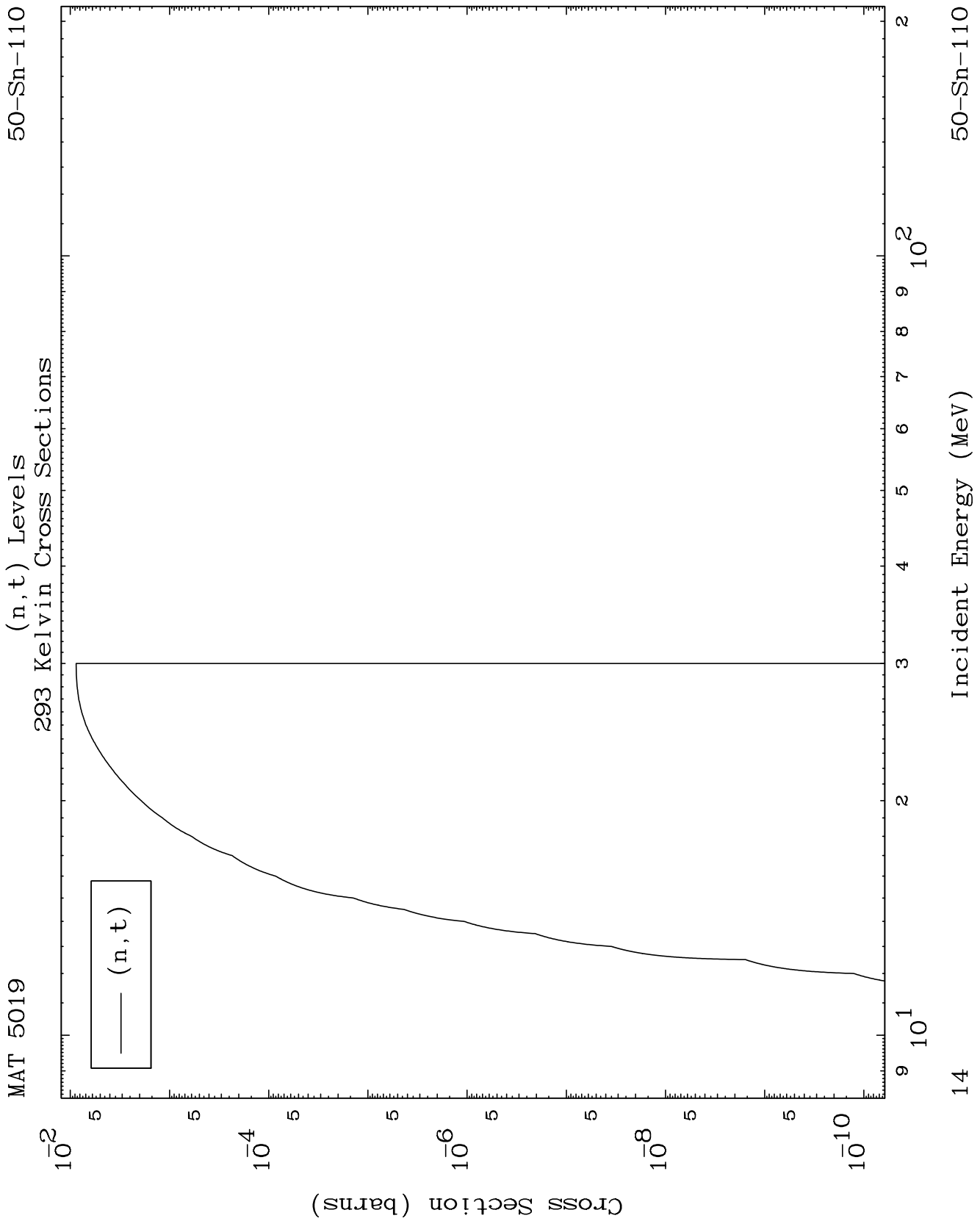
50-Sn-110



13

Incident Energy (MeV)

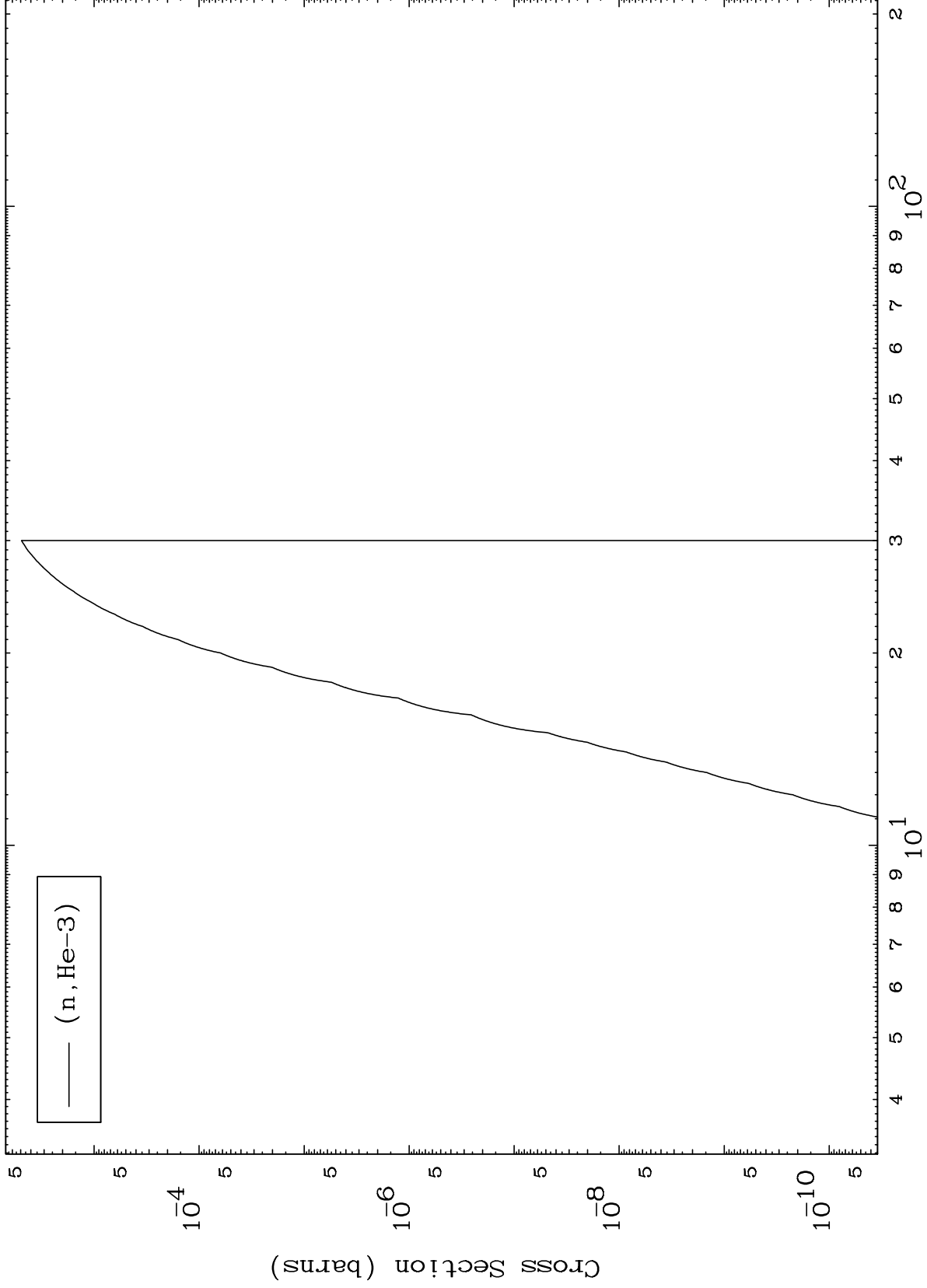
50-Sn-110



MAT 5019

(n,He3) Levels
293 Kelvin Cross Sections

50-Sn-110



15

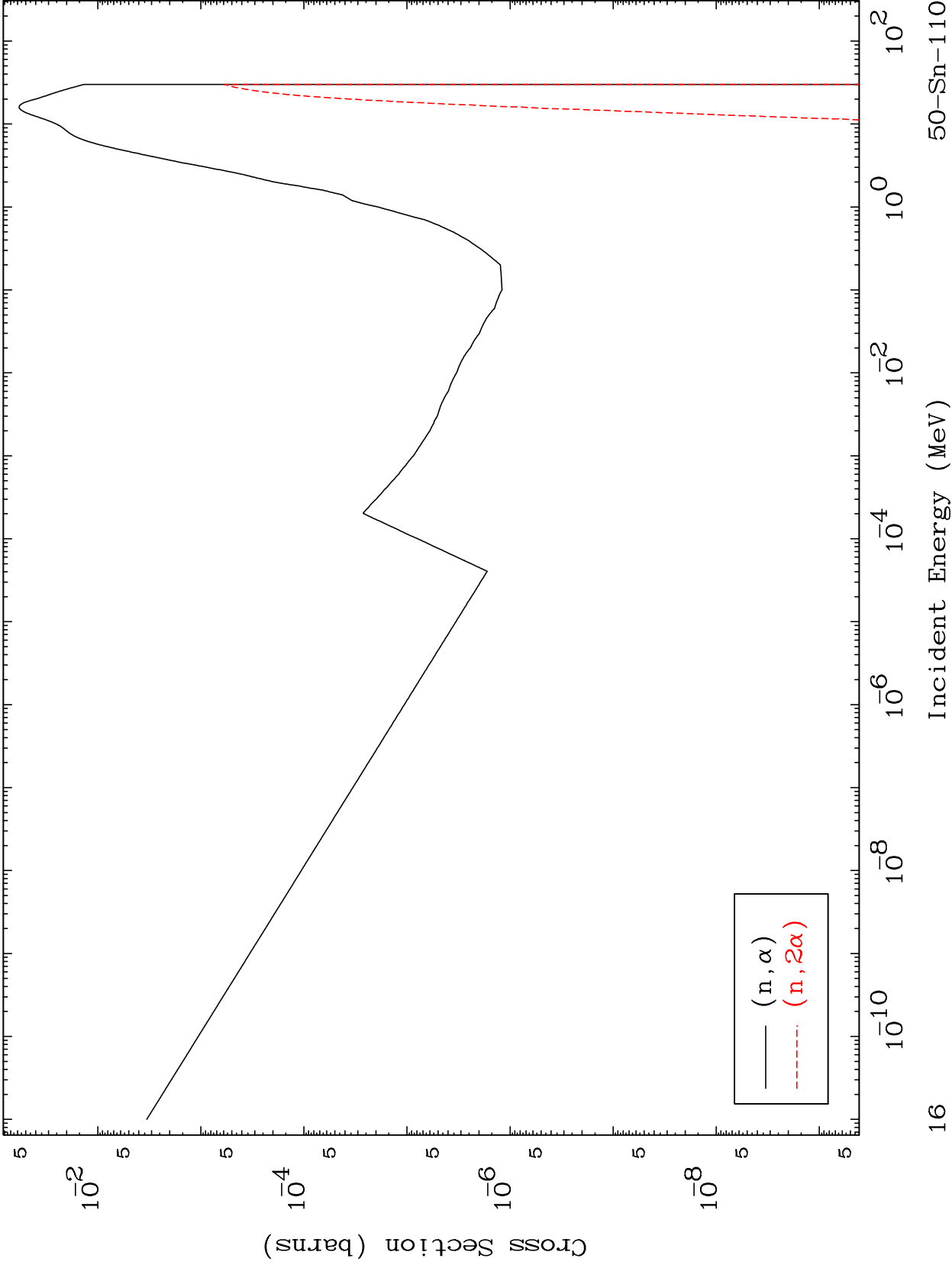
Incident Energy (MeV)

50-Sn-110

MAT 5019

(n,α) Levels
293 Kelvin Cross Sections

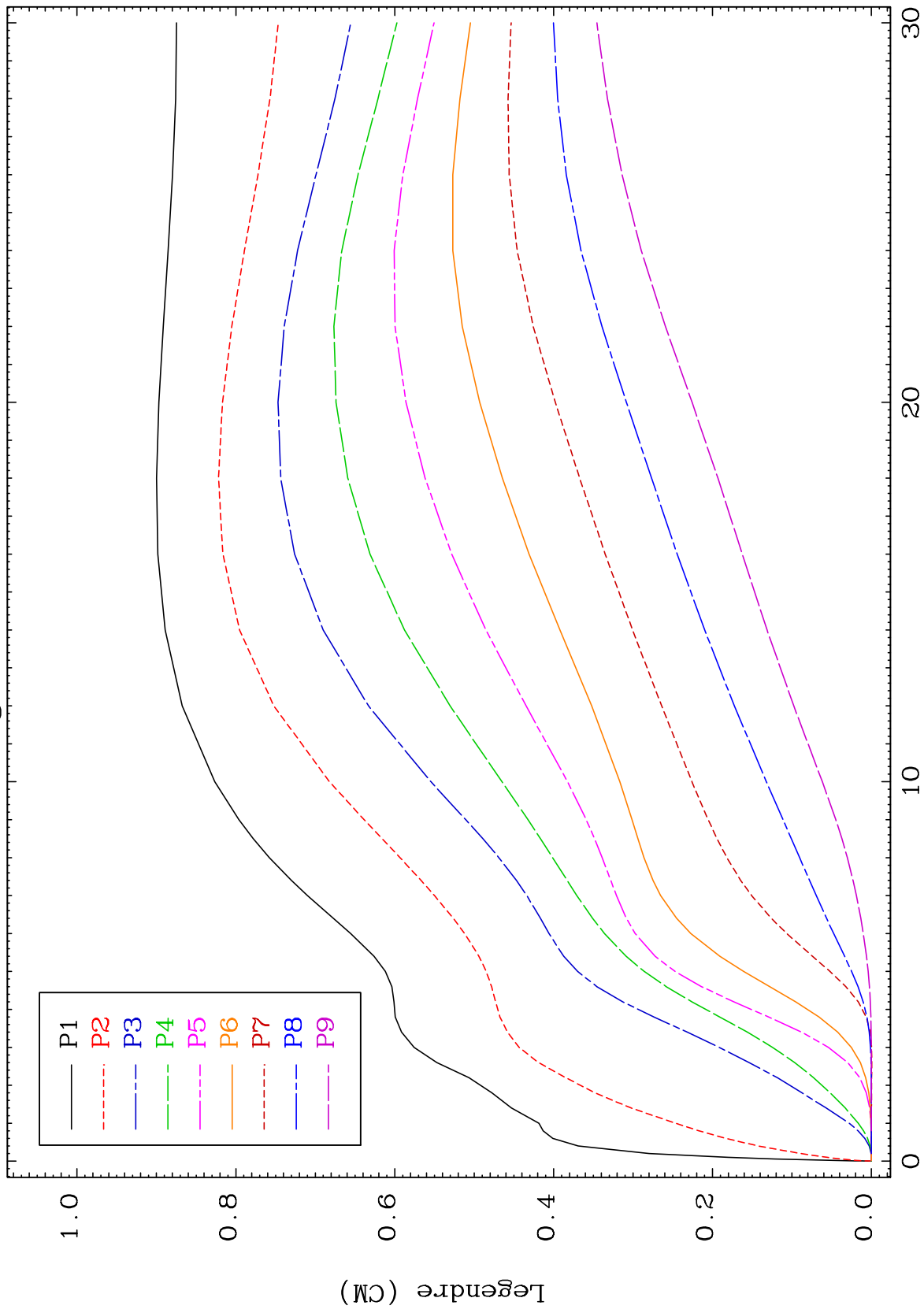
50-Sn-110



MAT 5019

Elastic Legendre Coefficients

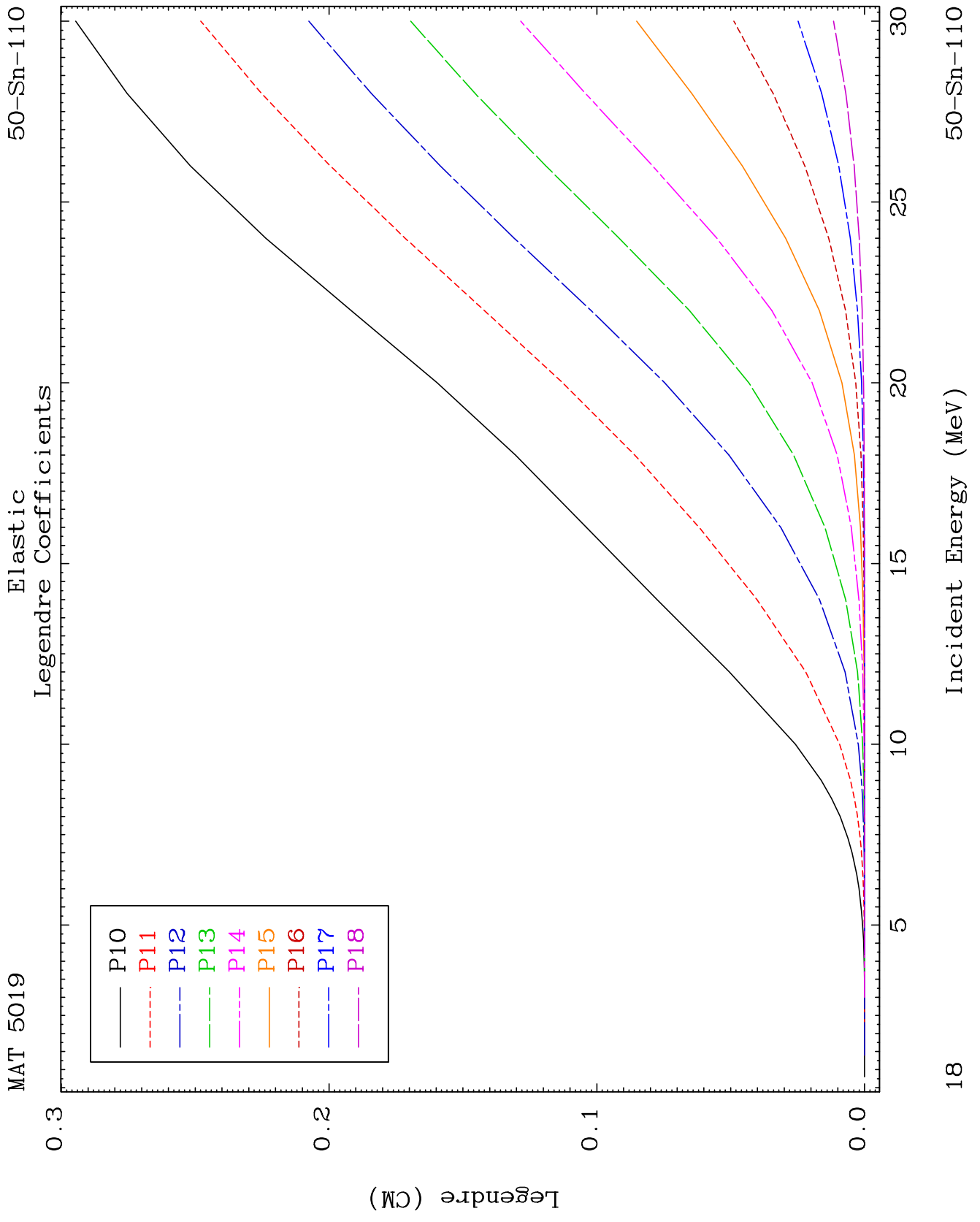
50-Sn-110

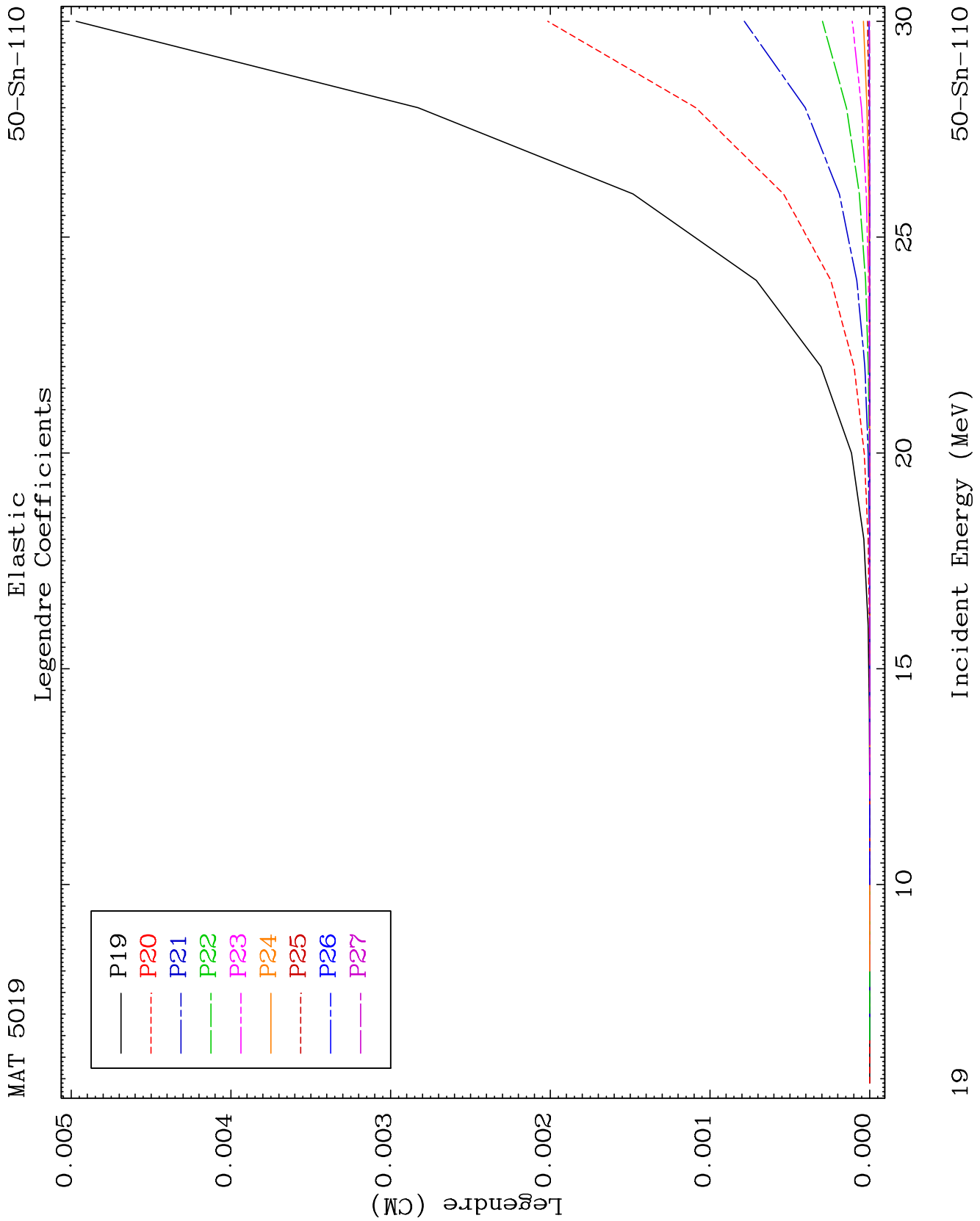


17

Incident Energy (MeV)

50-Sn-110

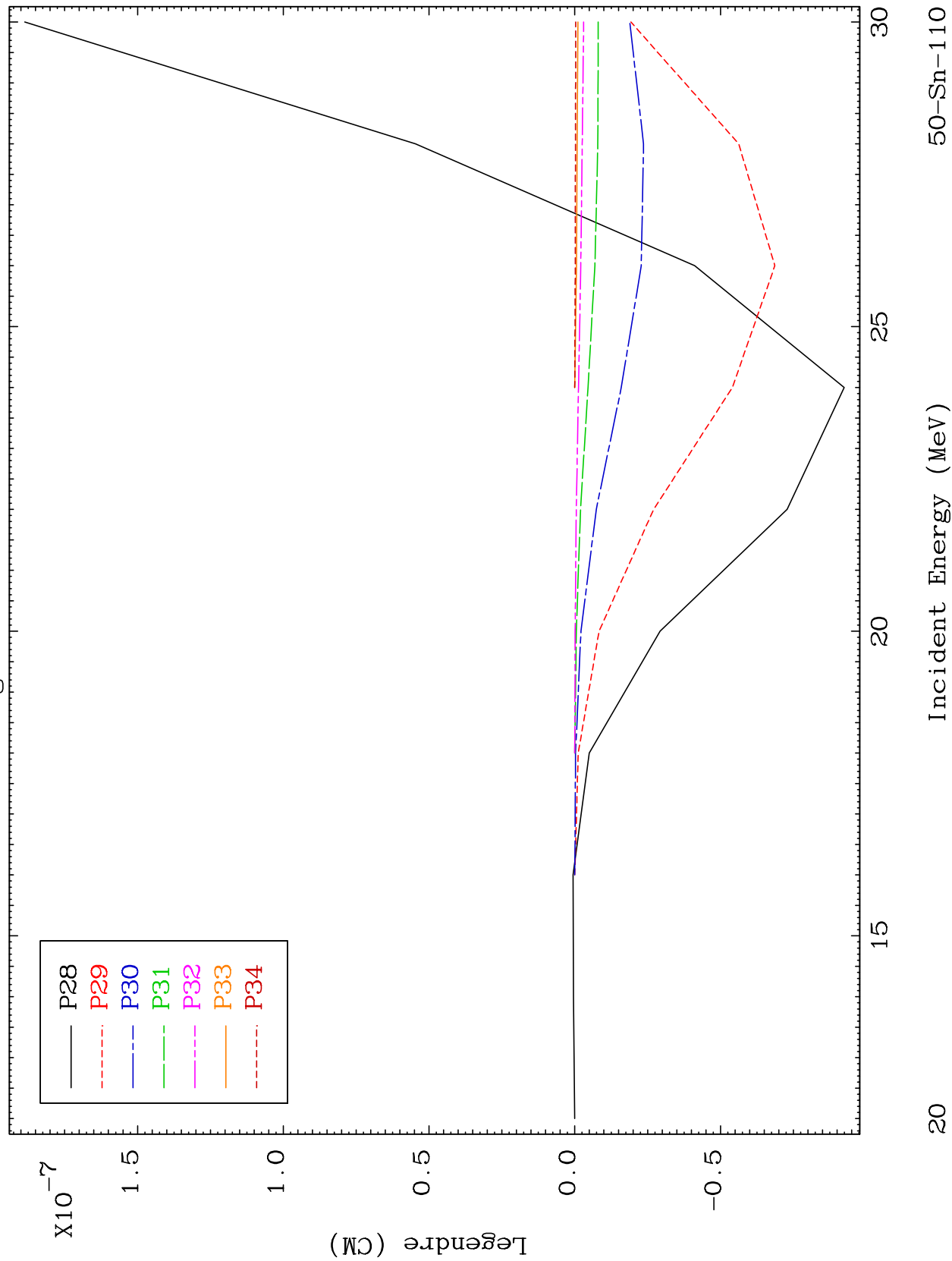


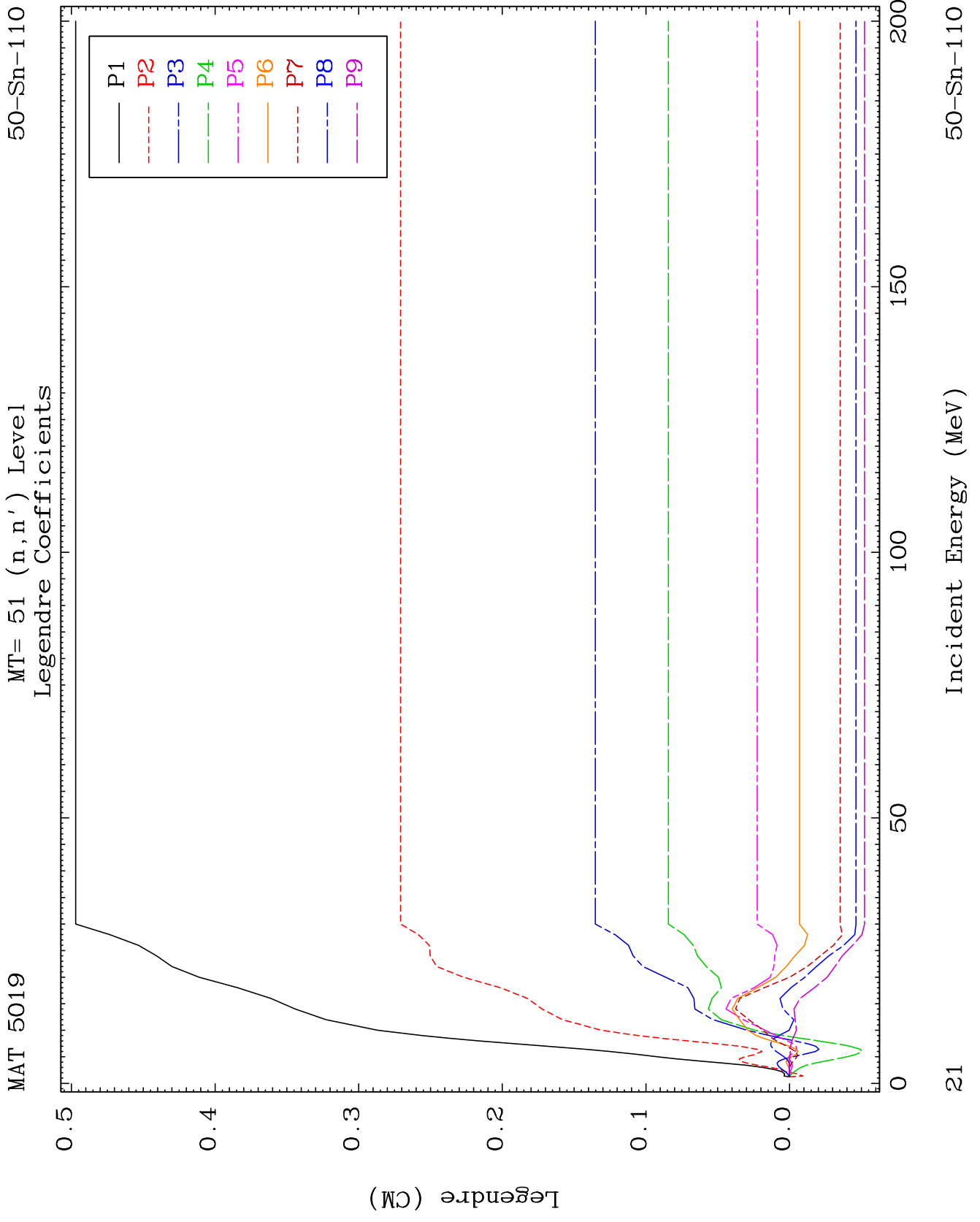


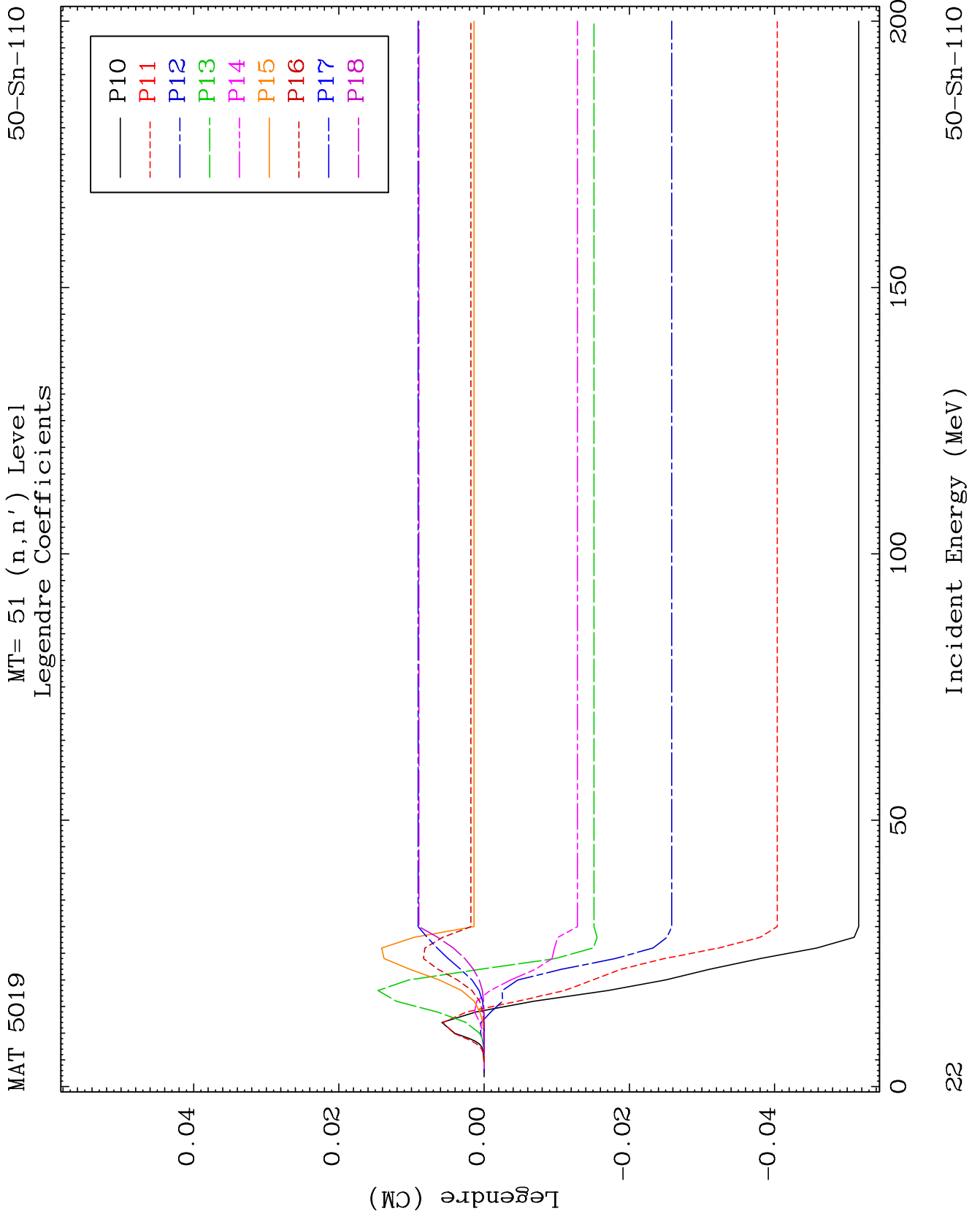
MAT 5019

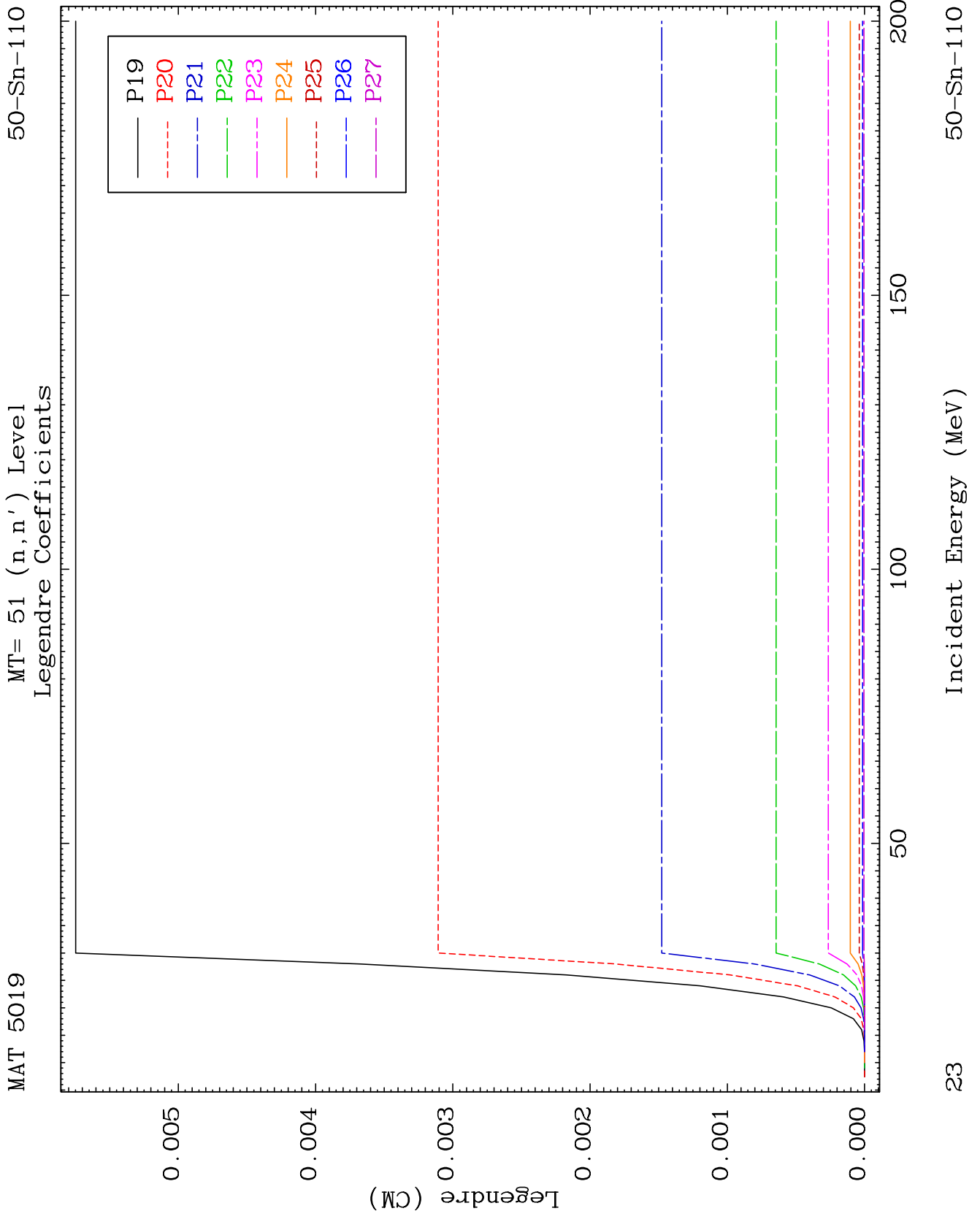
Elastic Legendre Coefficients

50-Sn-110





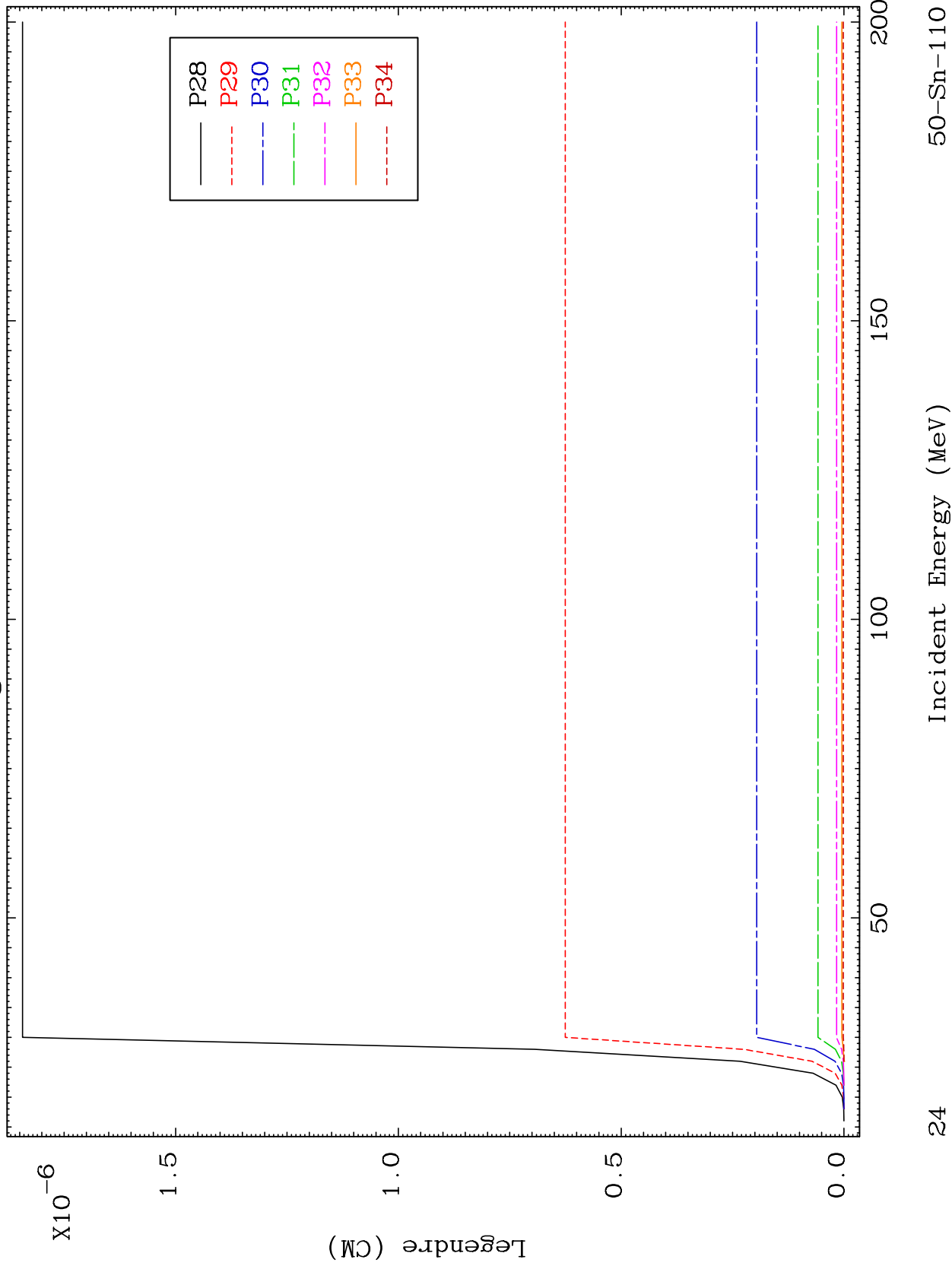




MAT 5019

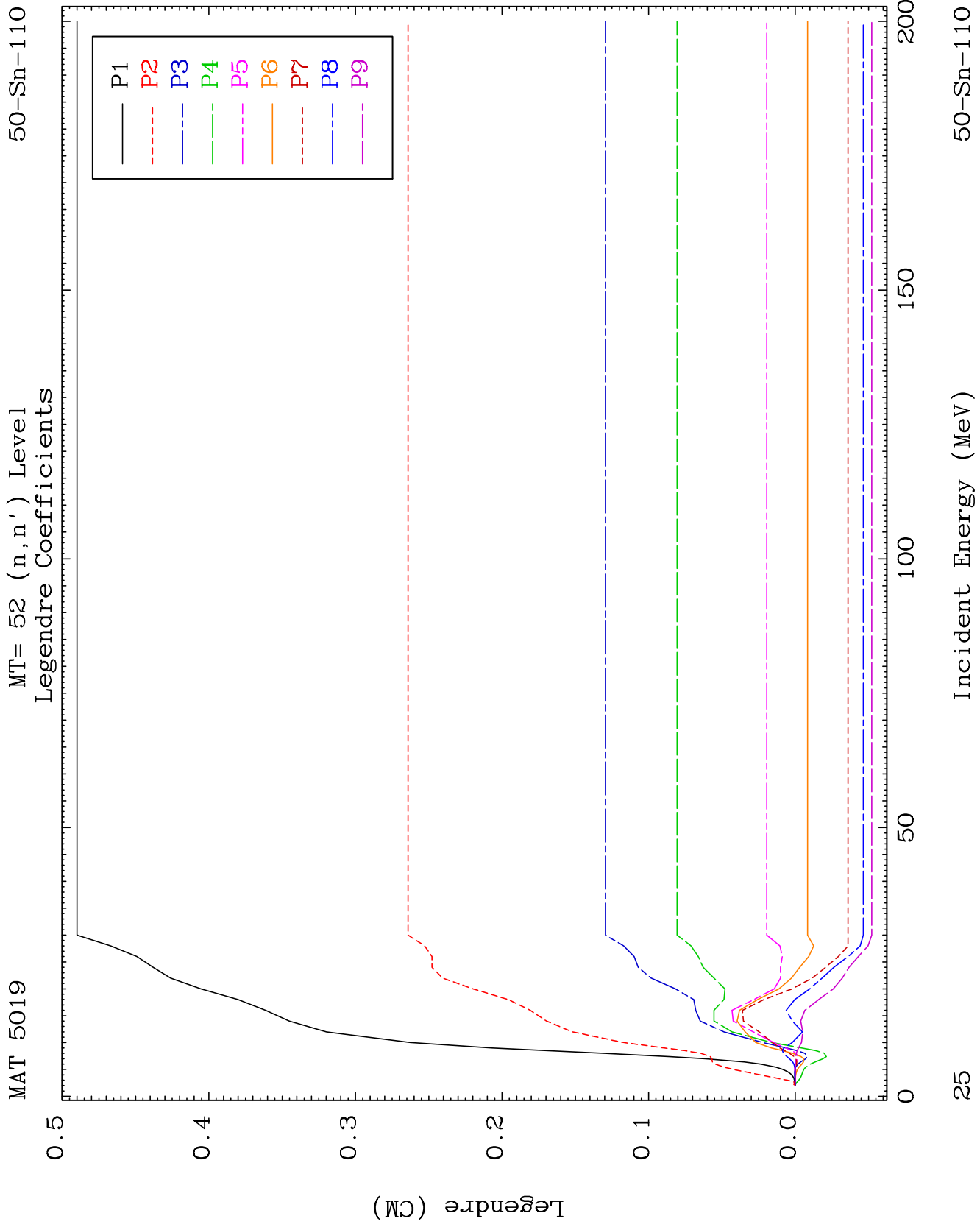
MT= 51 (n,n') Level
Legendre Coefficients

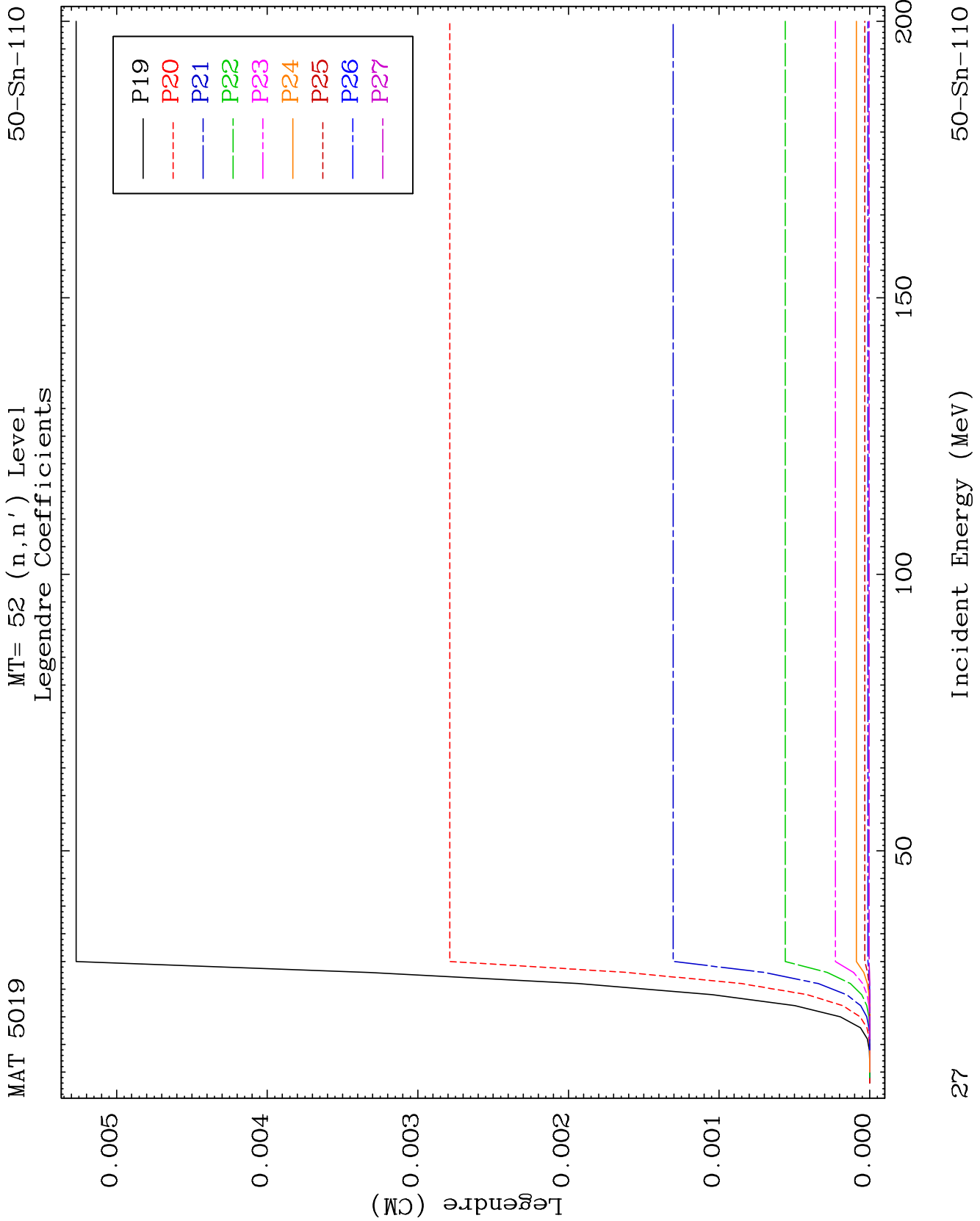
50-Sn-110

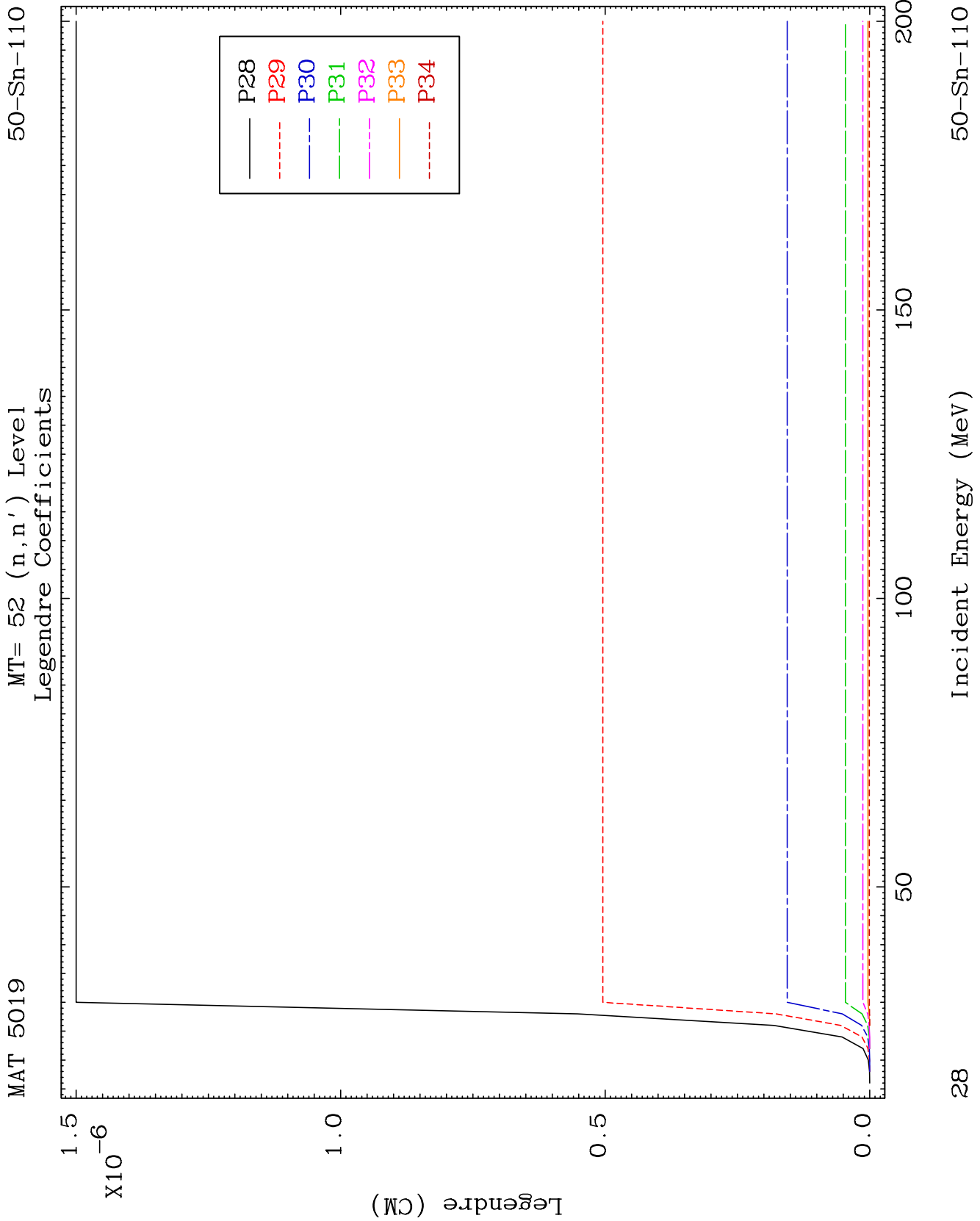


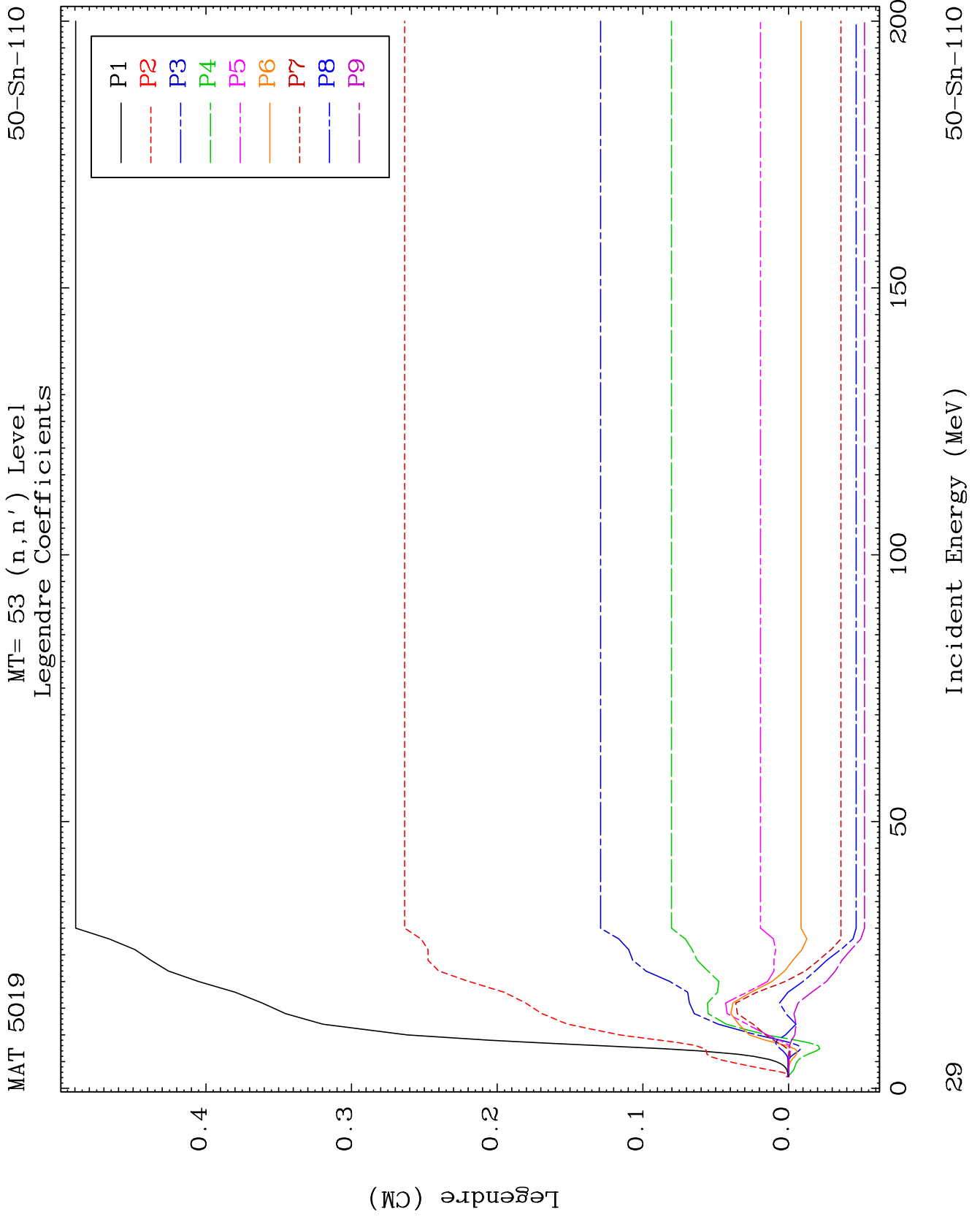
24

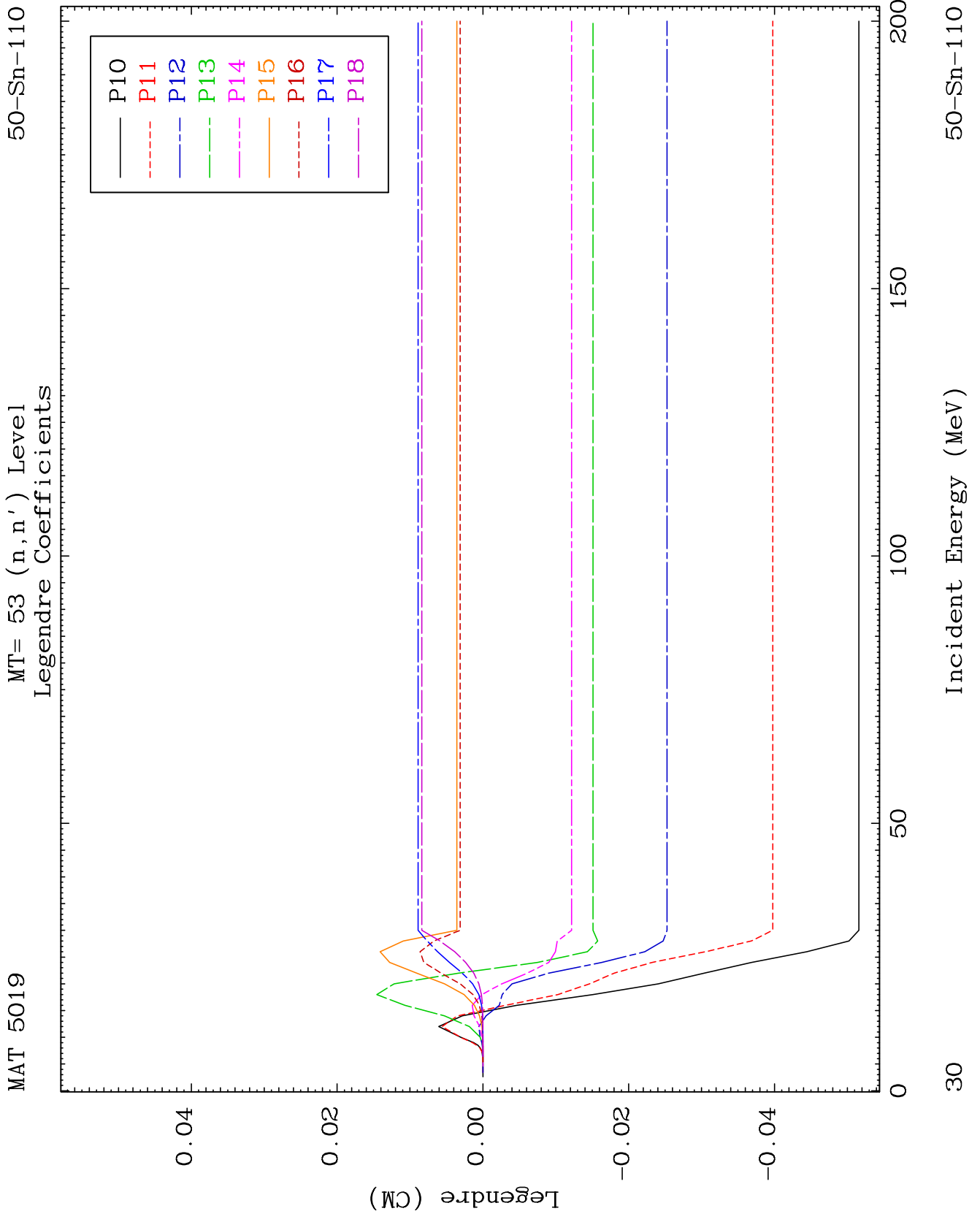
50-Sn-110

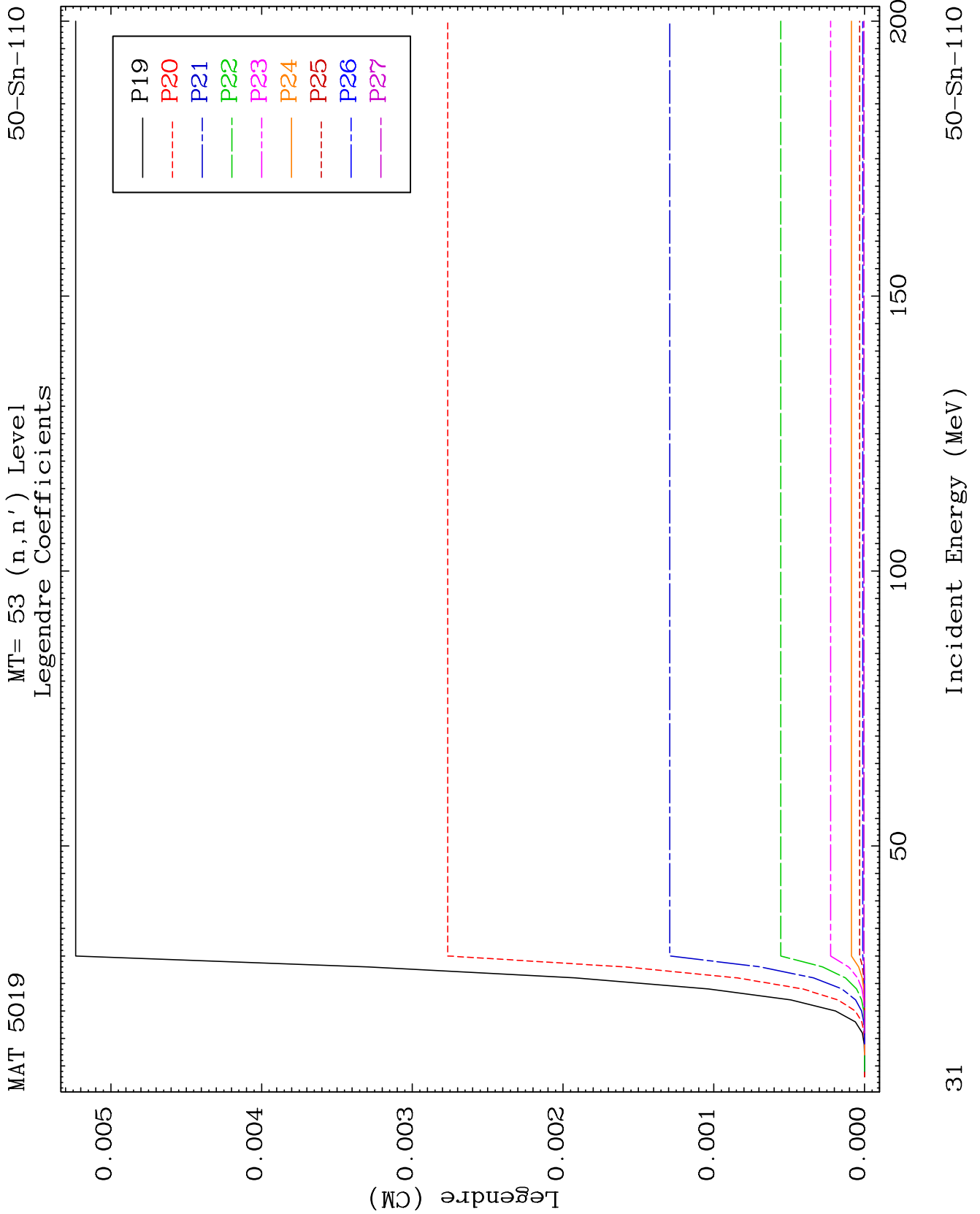


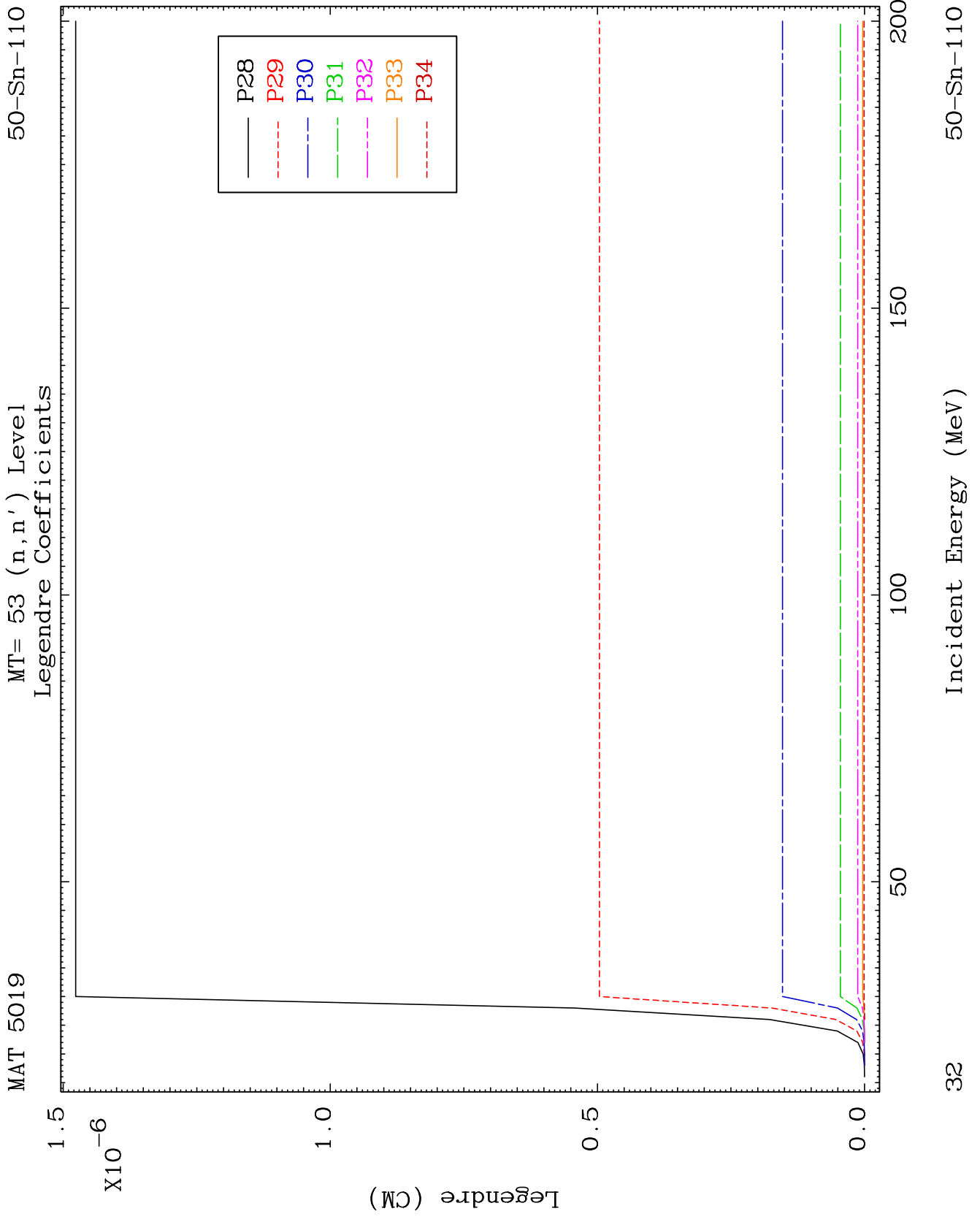


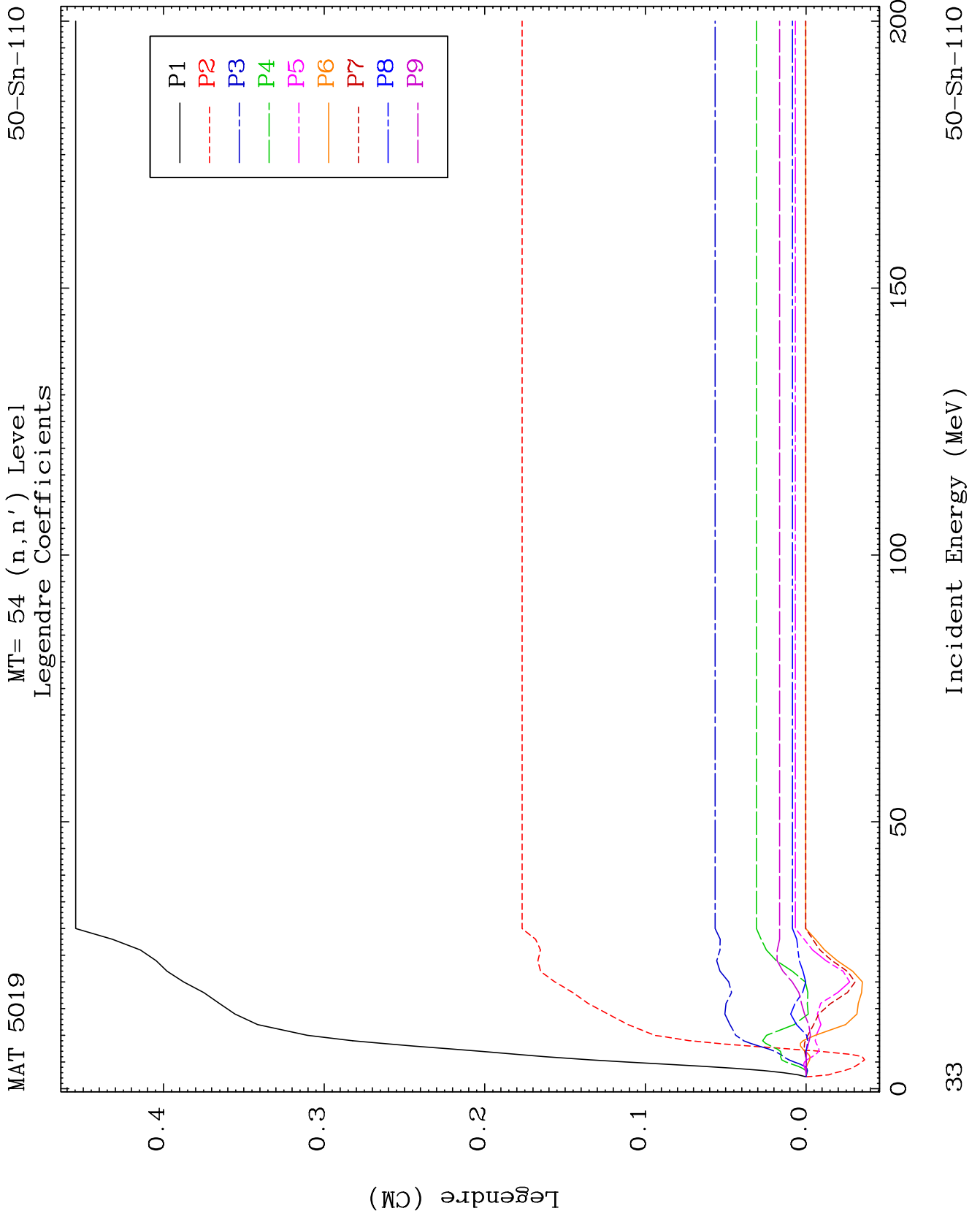


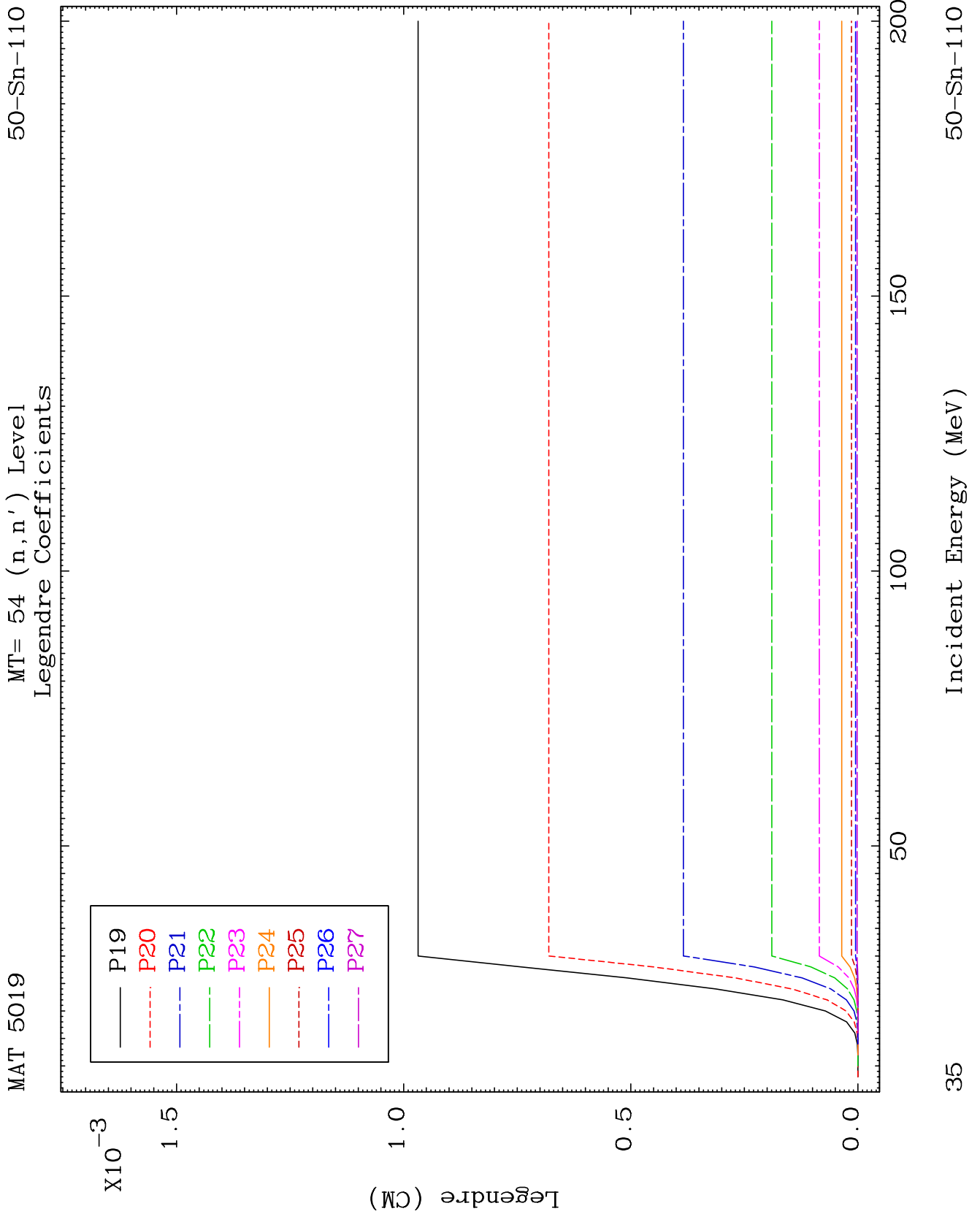


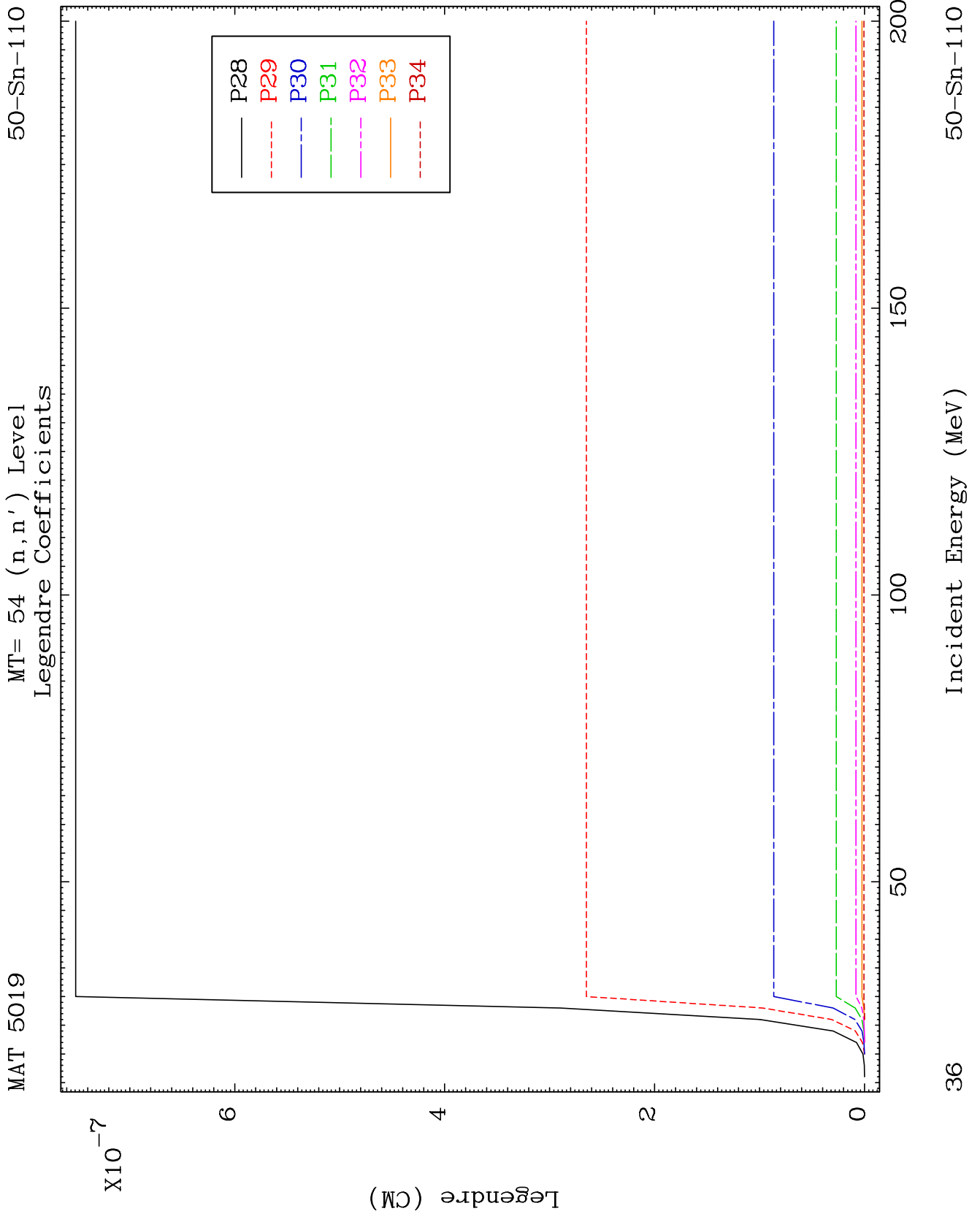


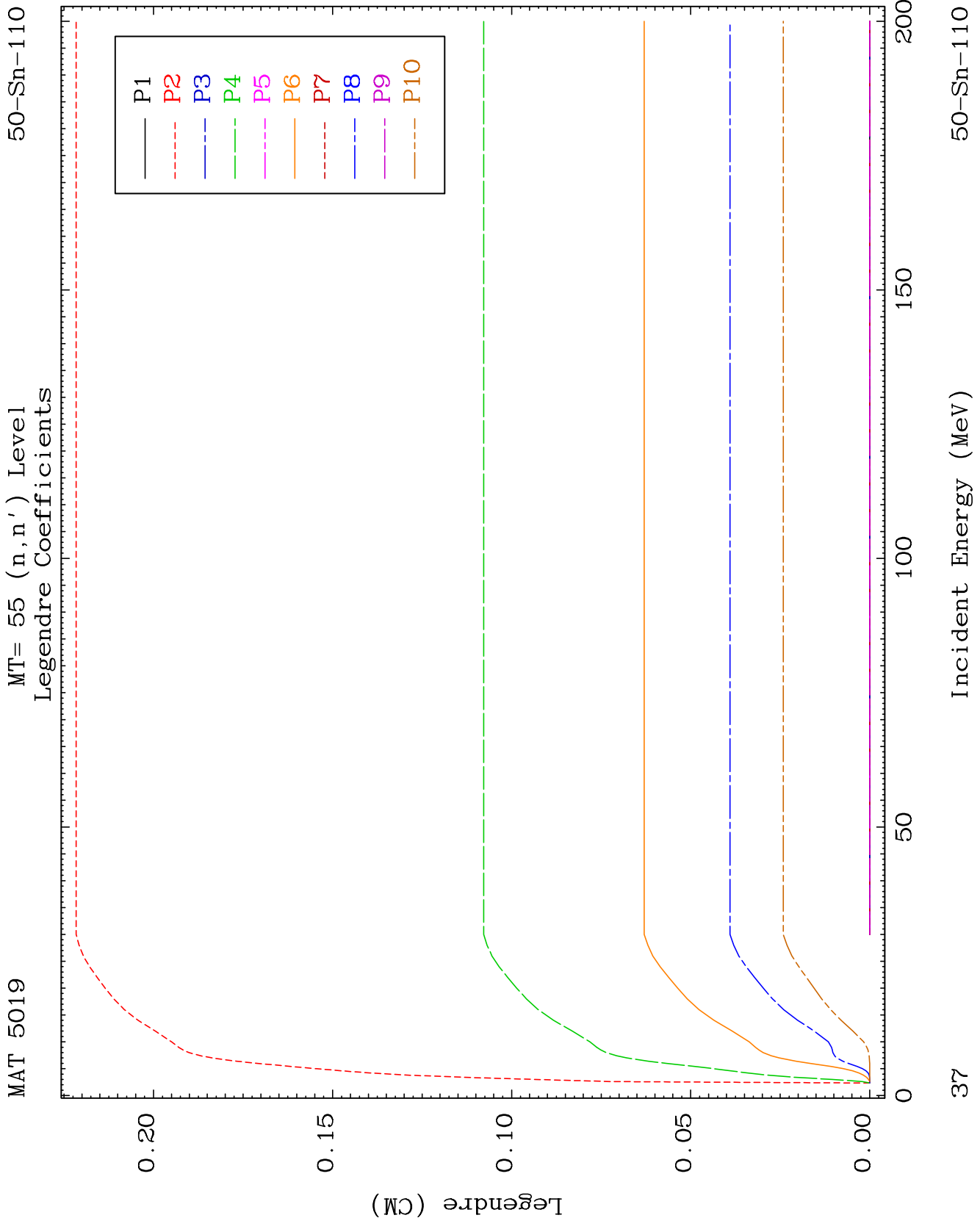


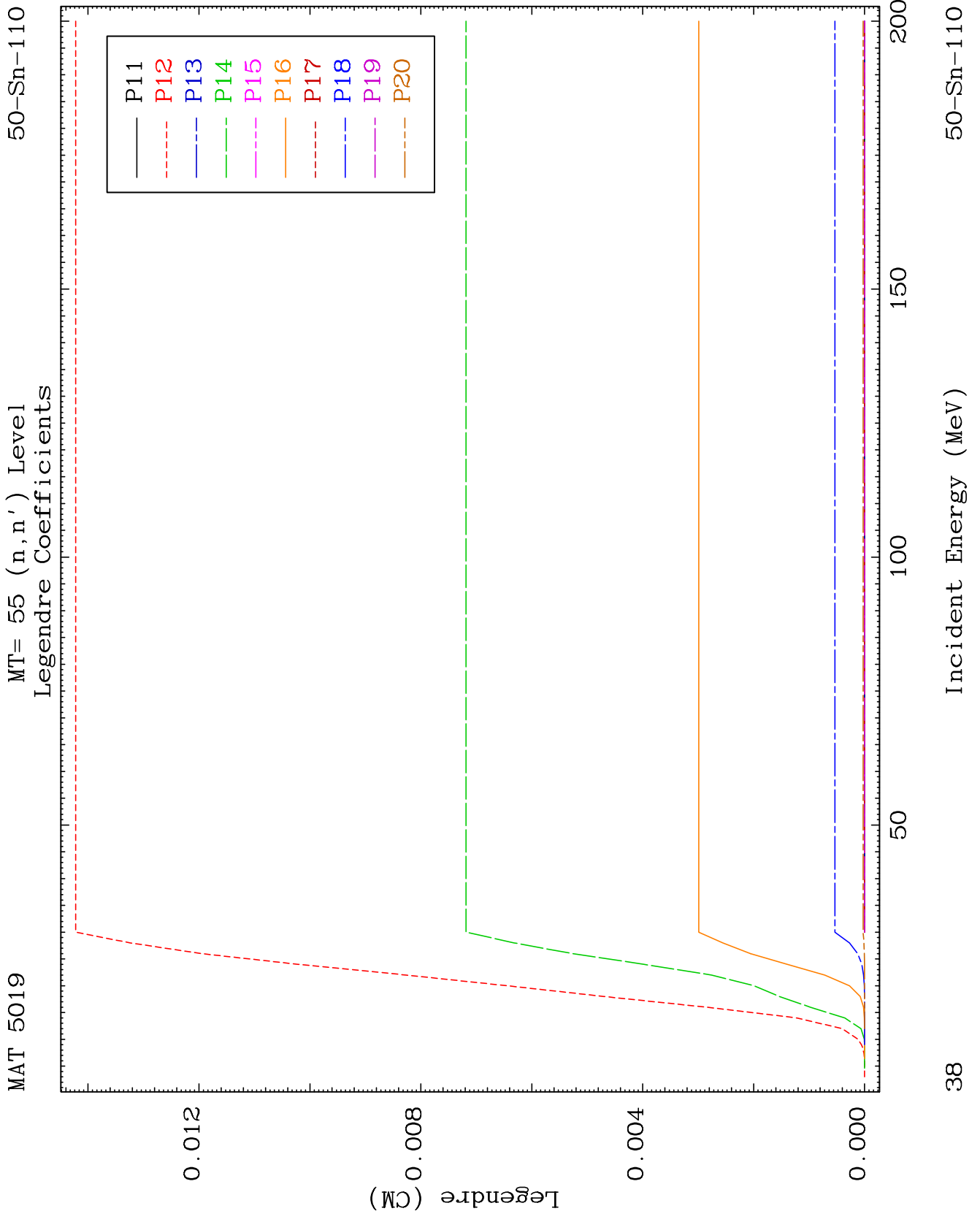


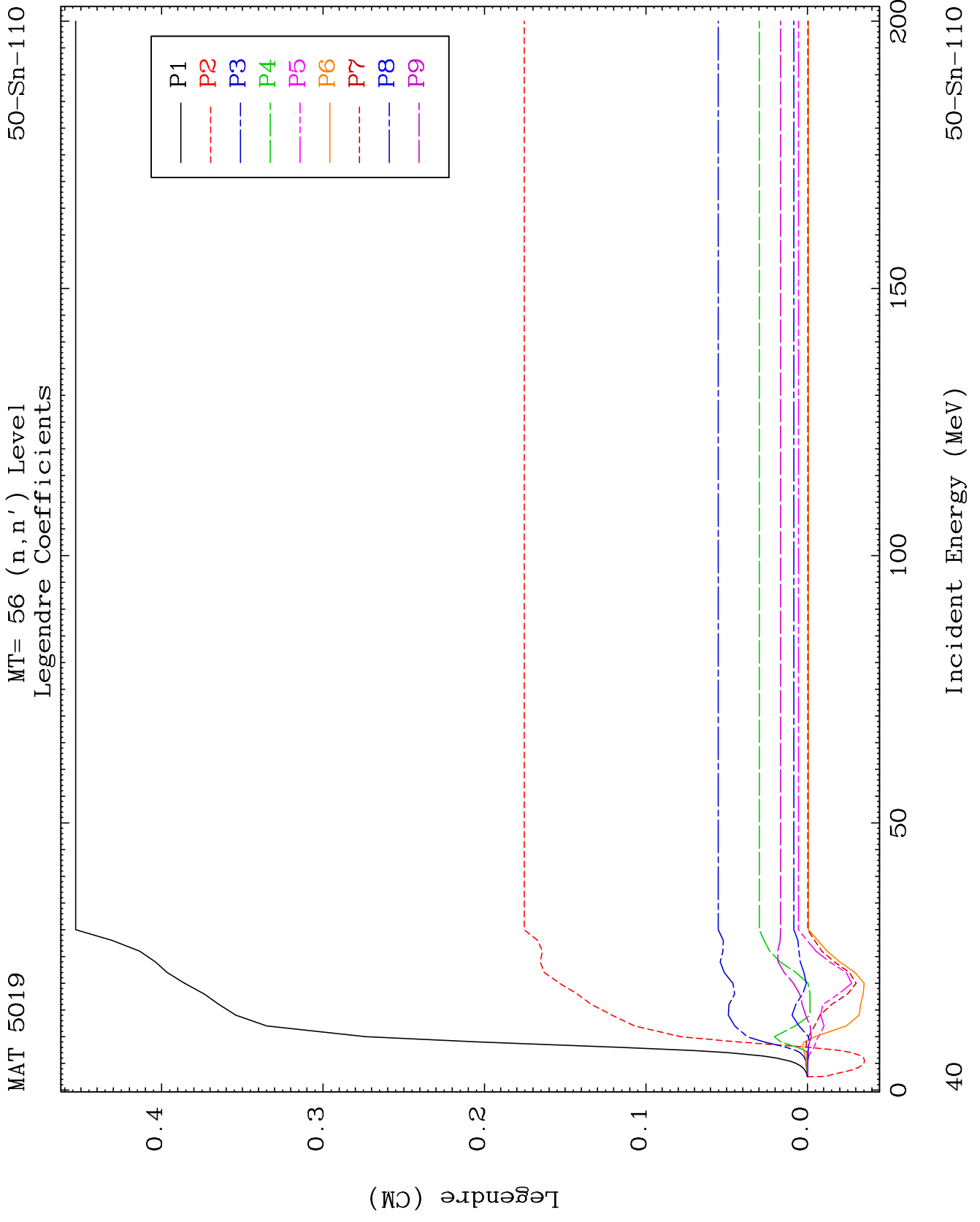








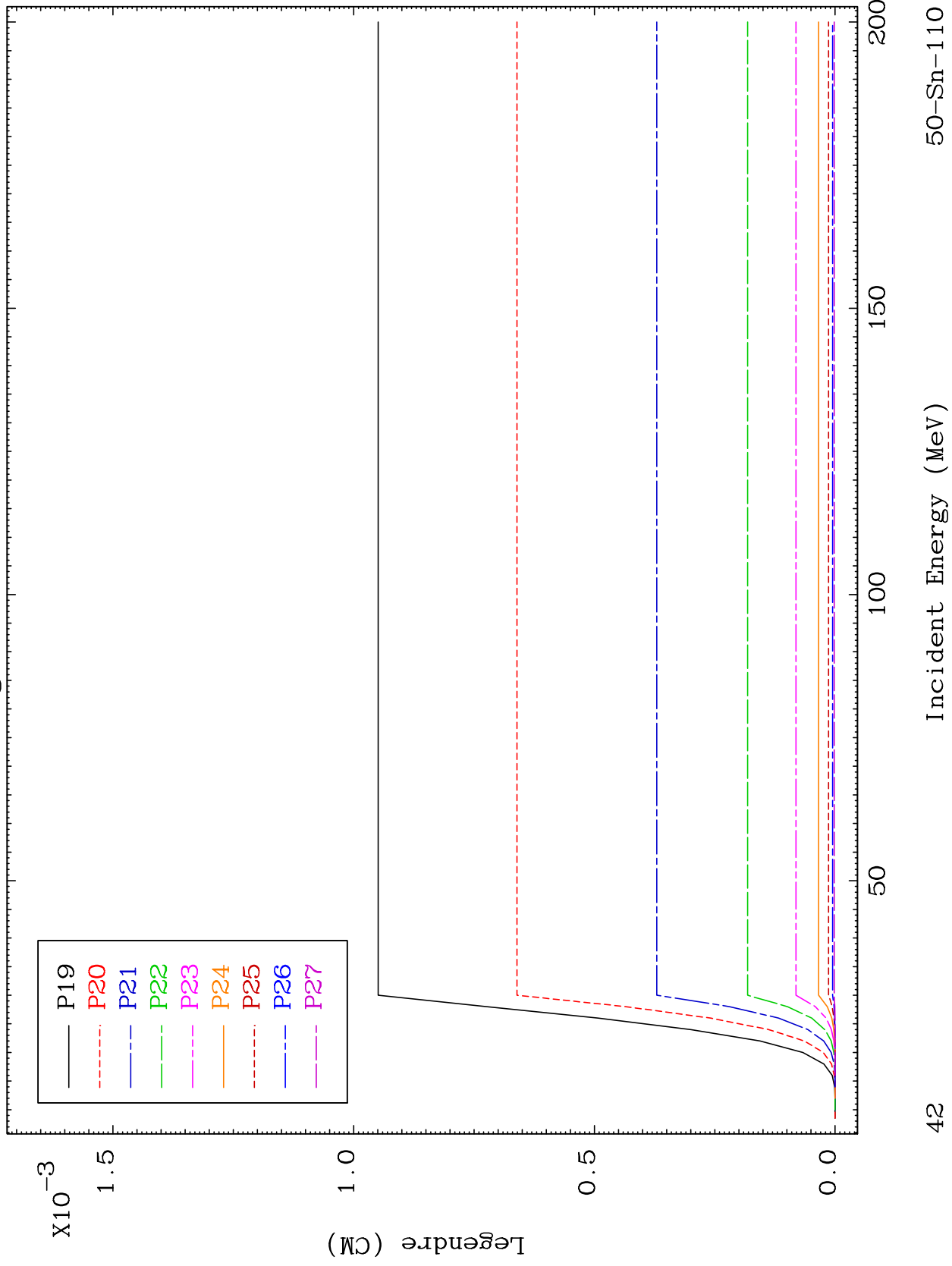




MAT 5019

MT= 56 (n,n') Level
Legendre Coefficients

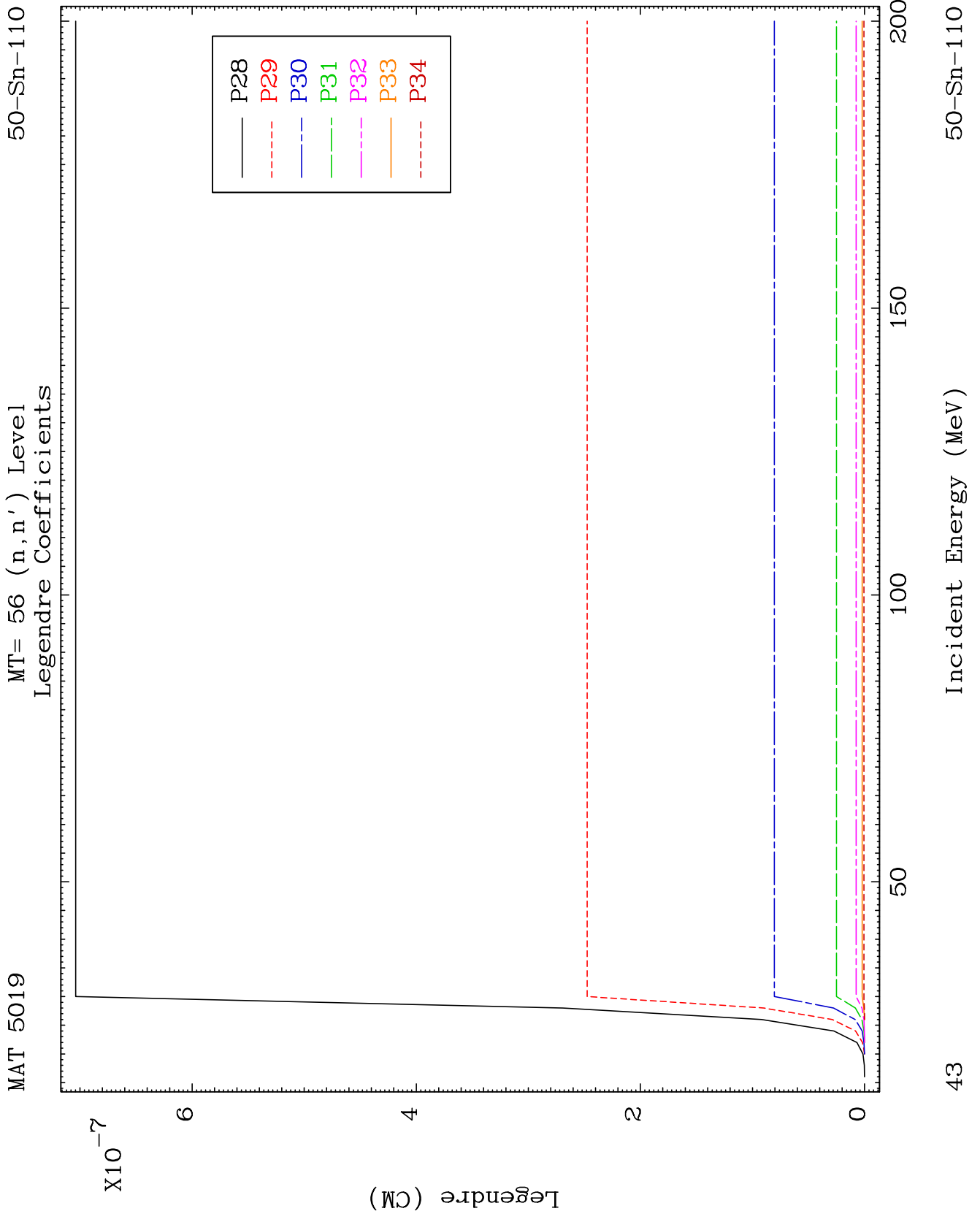
50-Sn-110



42

Incident Energy (MeV)

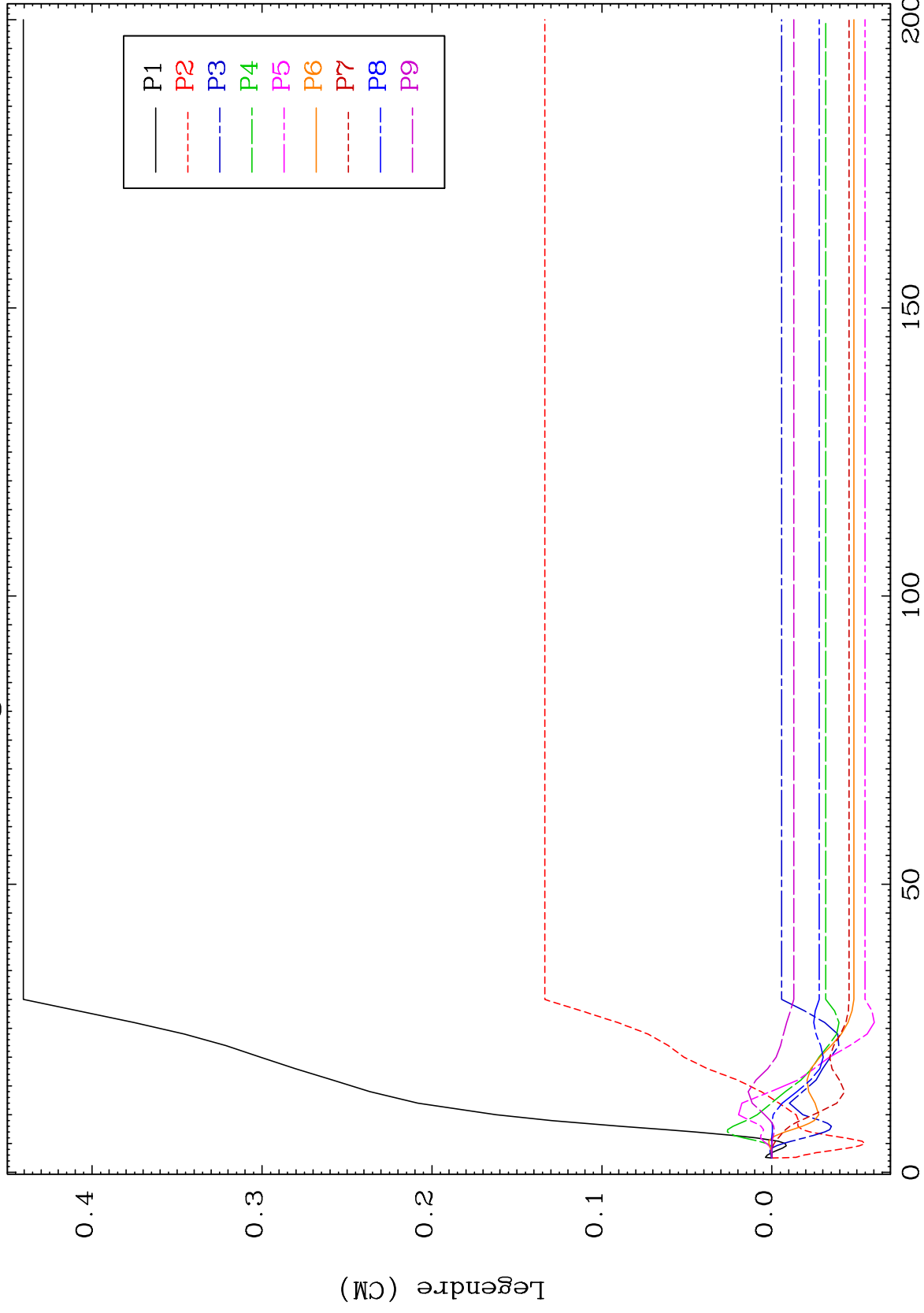
50-Sn-110



MAT 5019

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

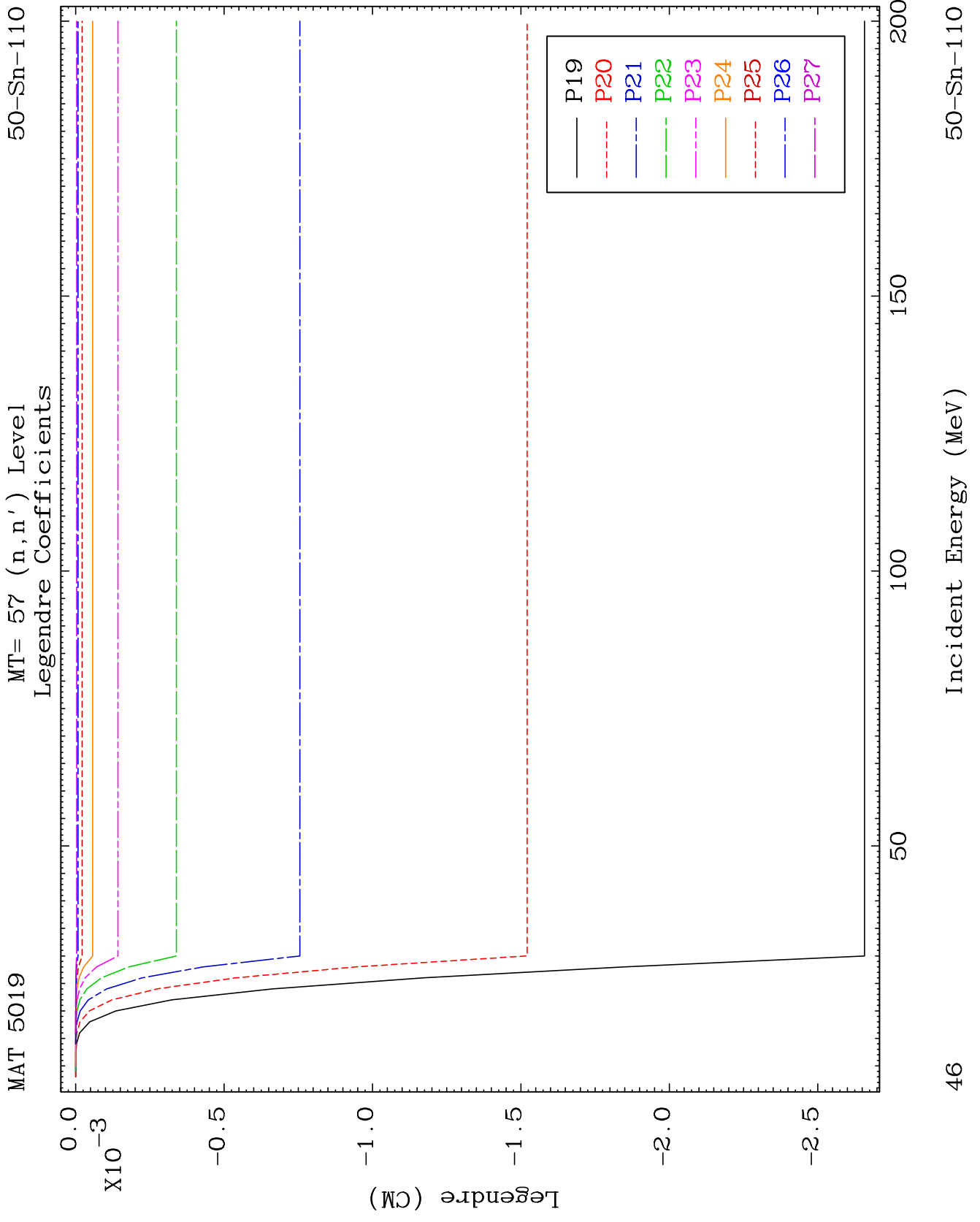
50-Sn-110

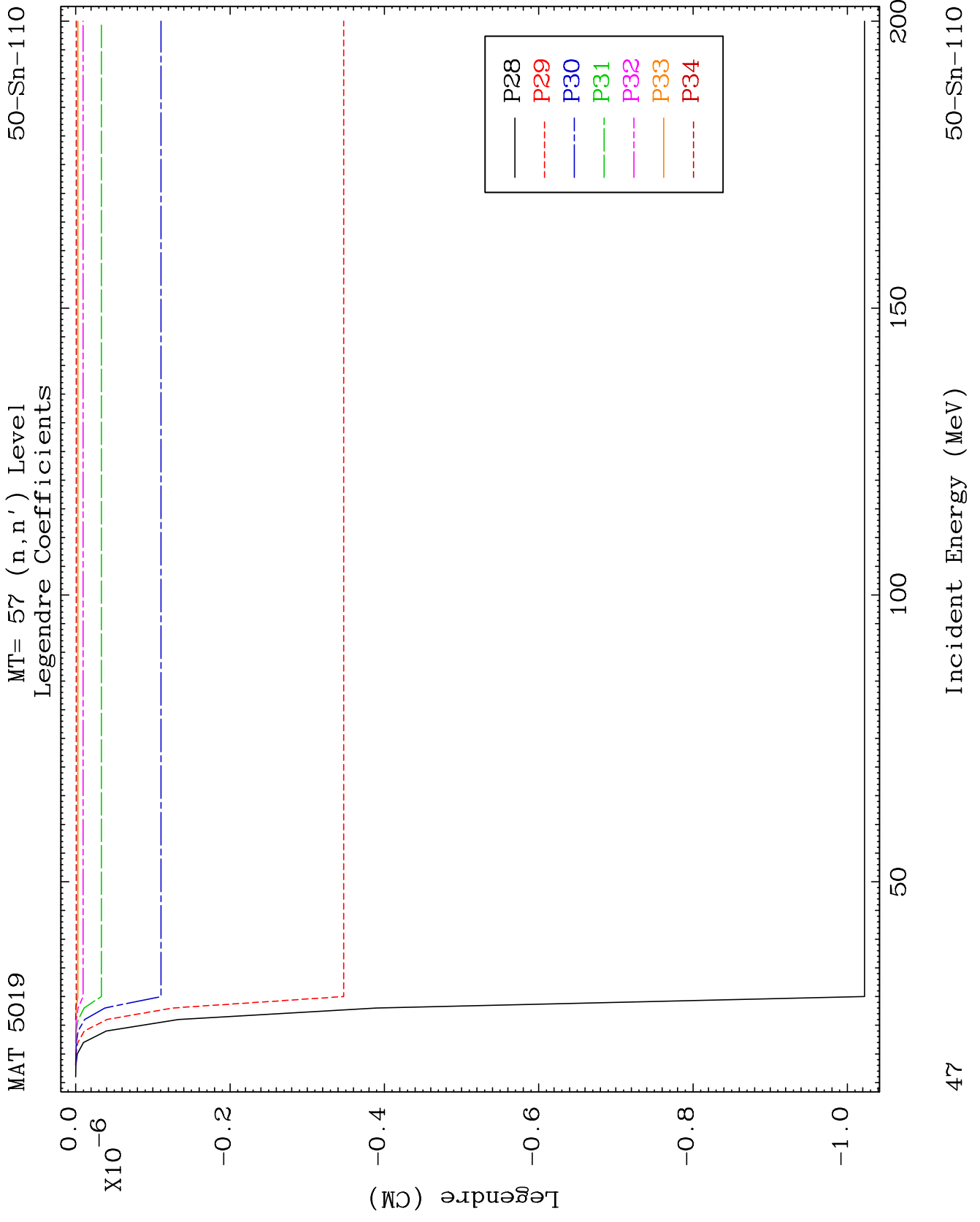


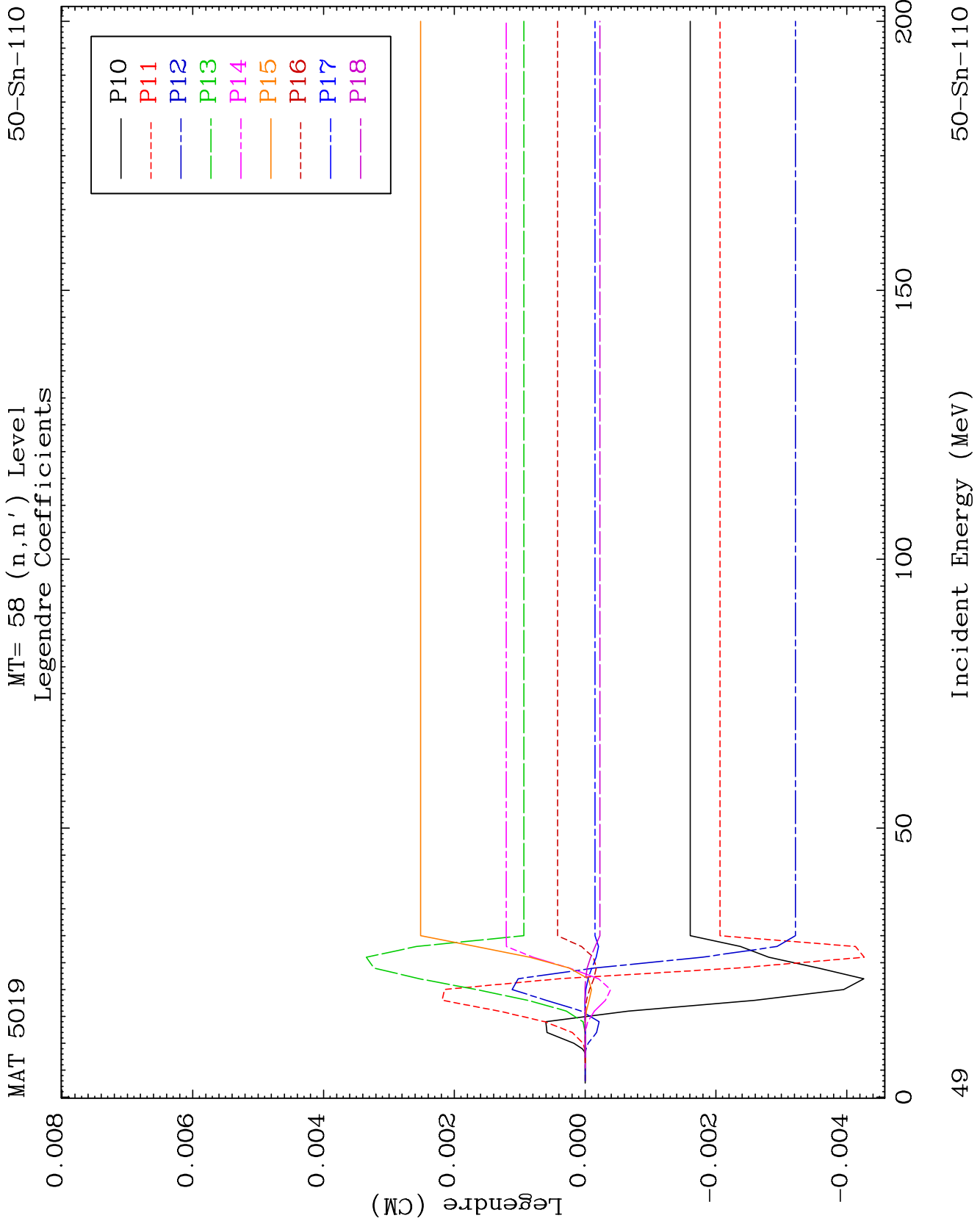
44

Incident Energy (MeV)

50-Sn-110



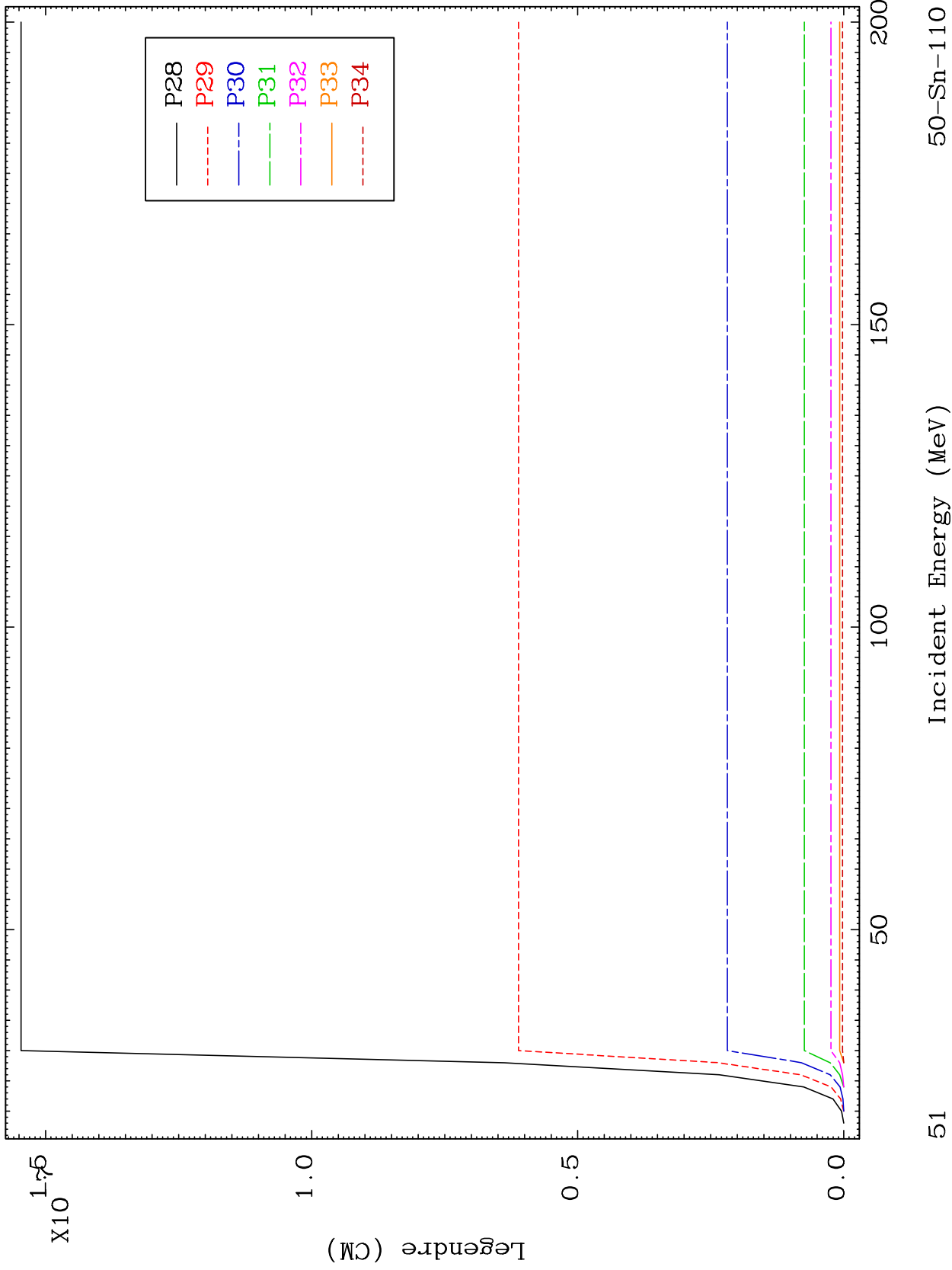




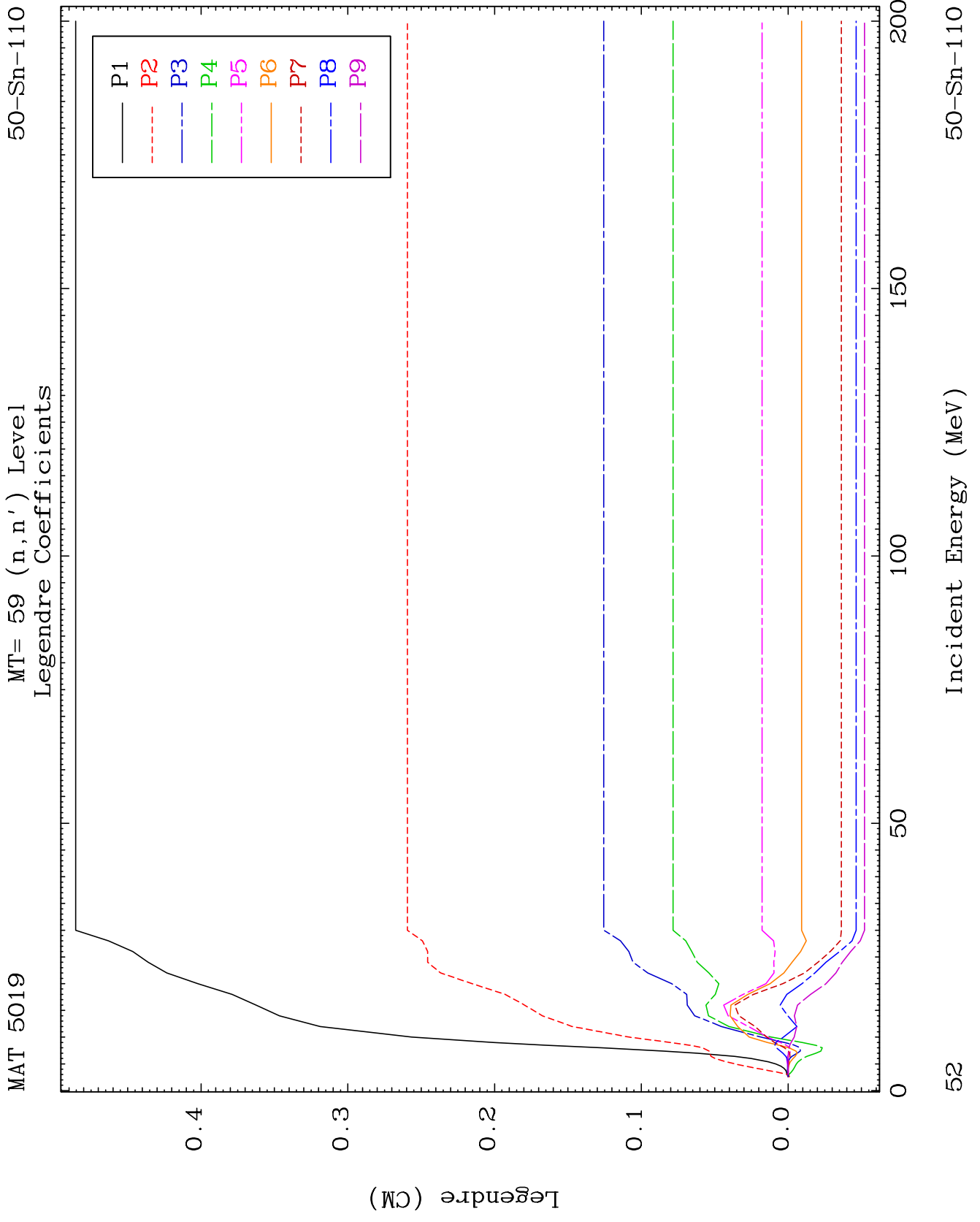
MAT 5019

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

50-Sn-110



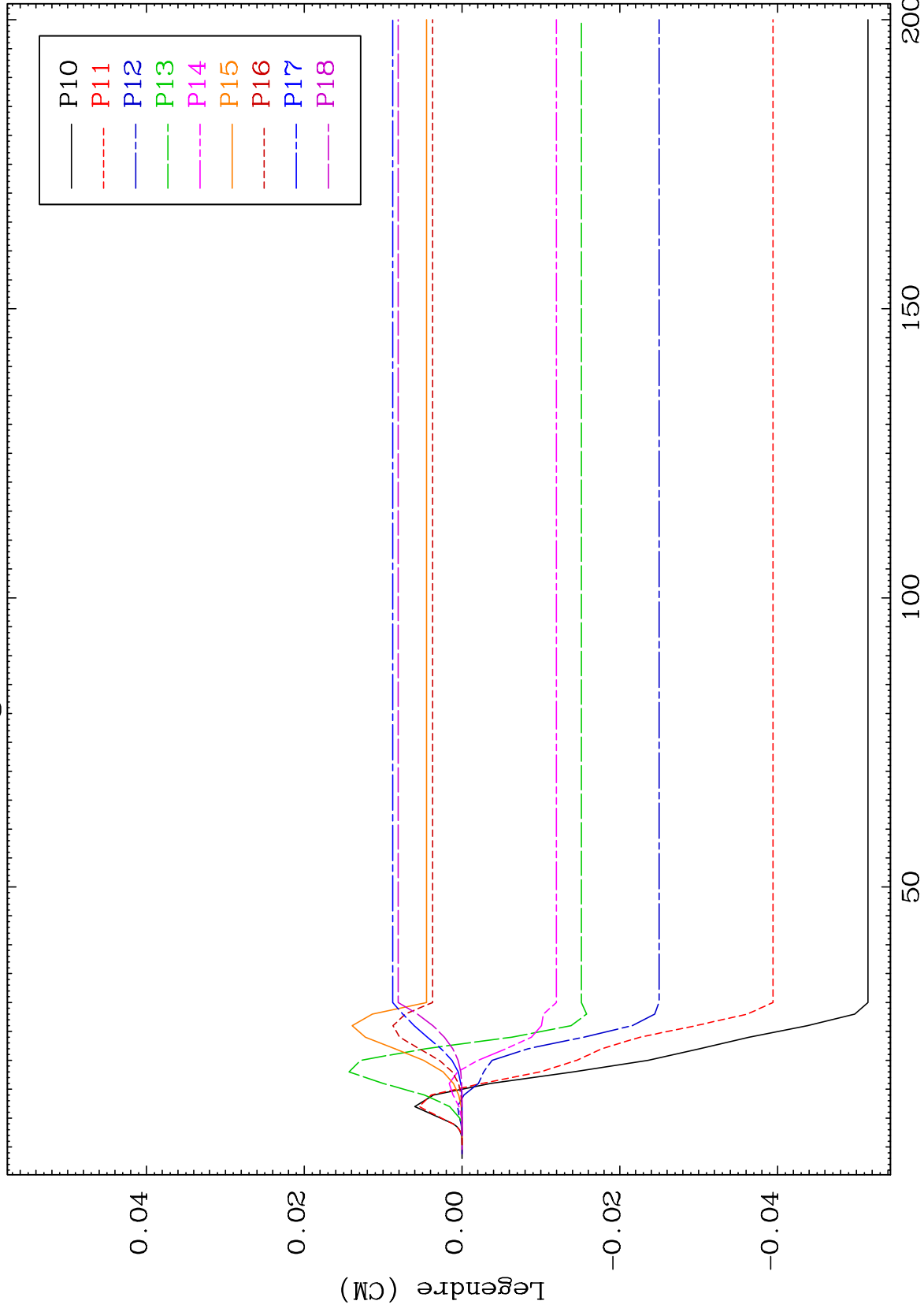
51



MAT 5019

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

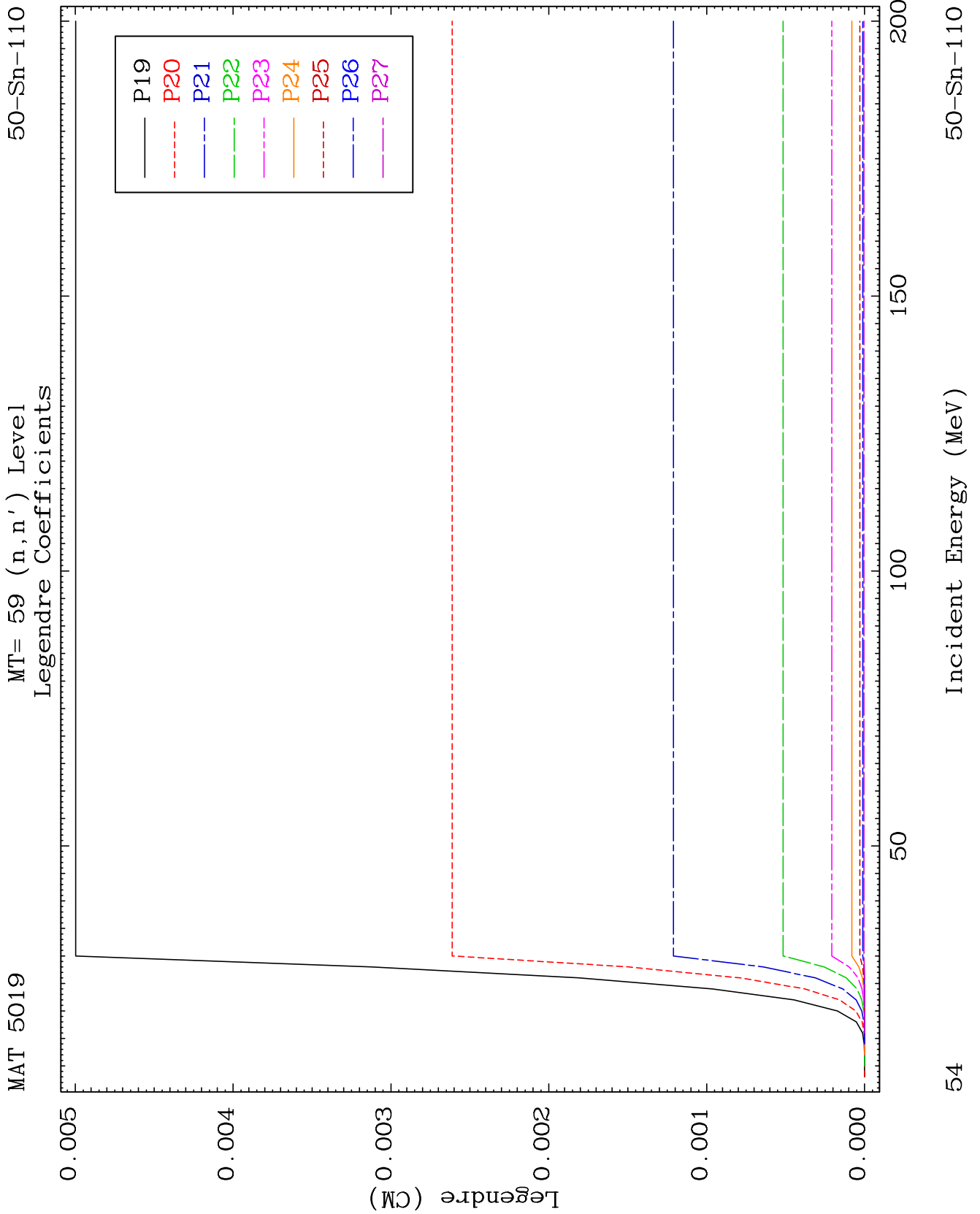
50-Sn-110

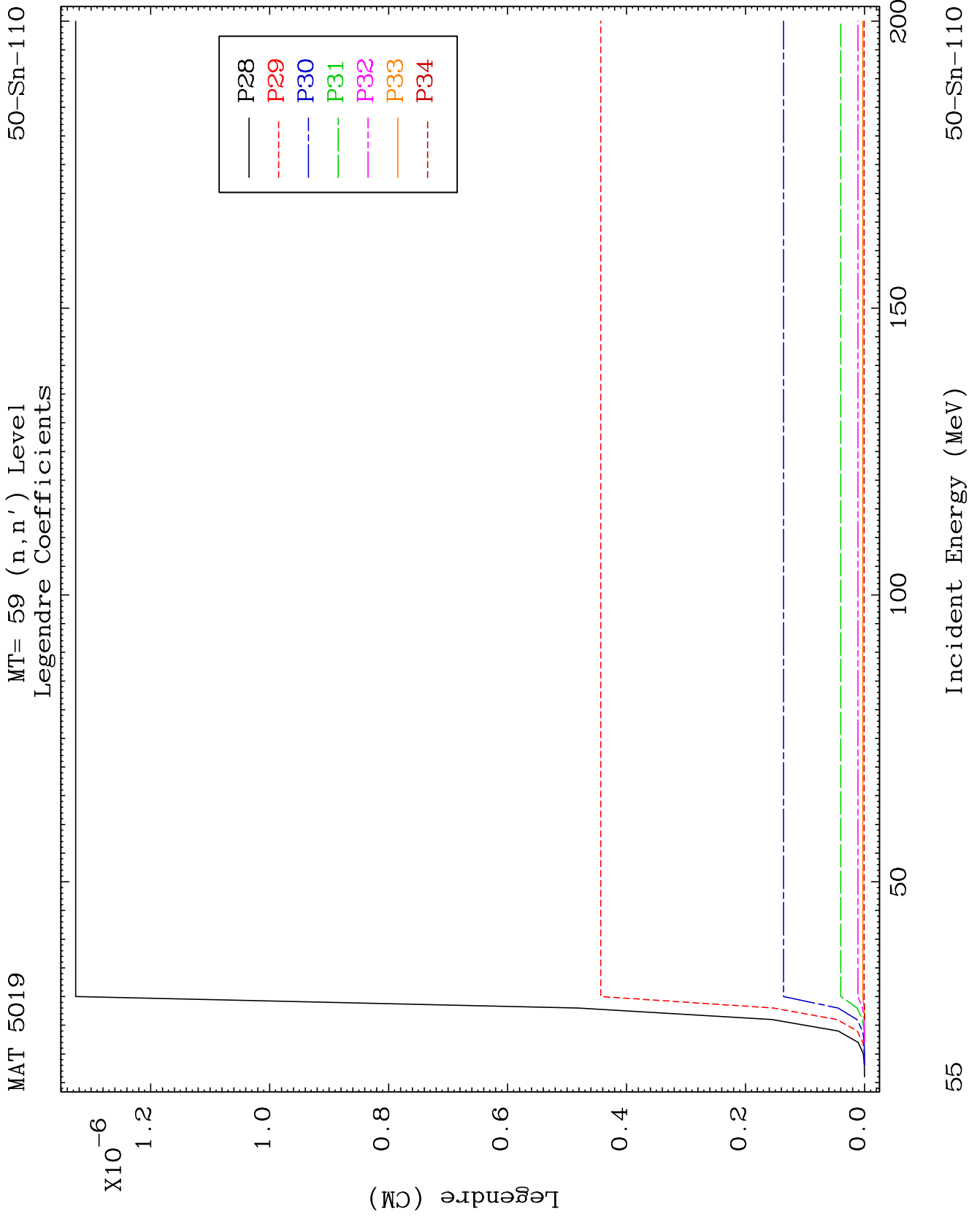


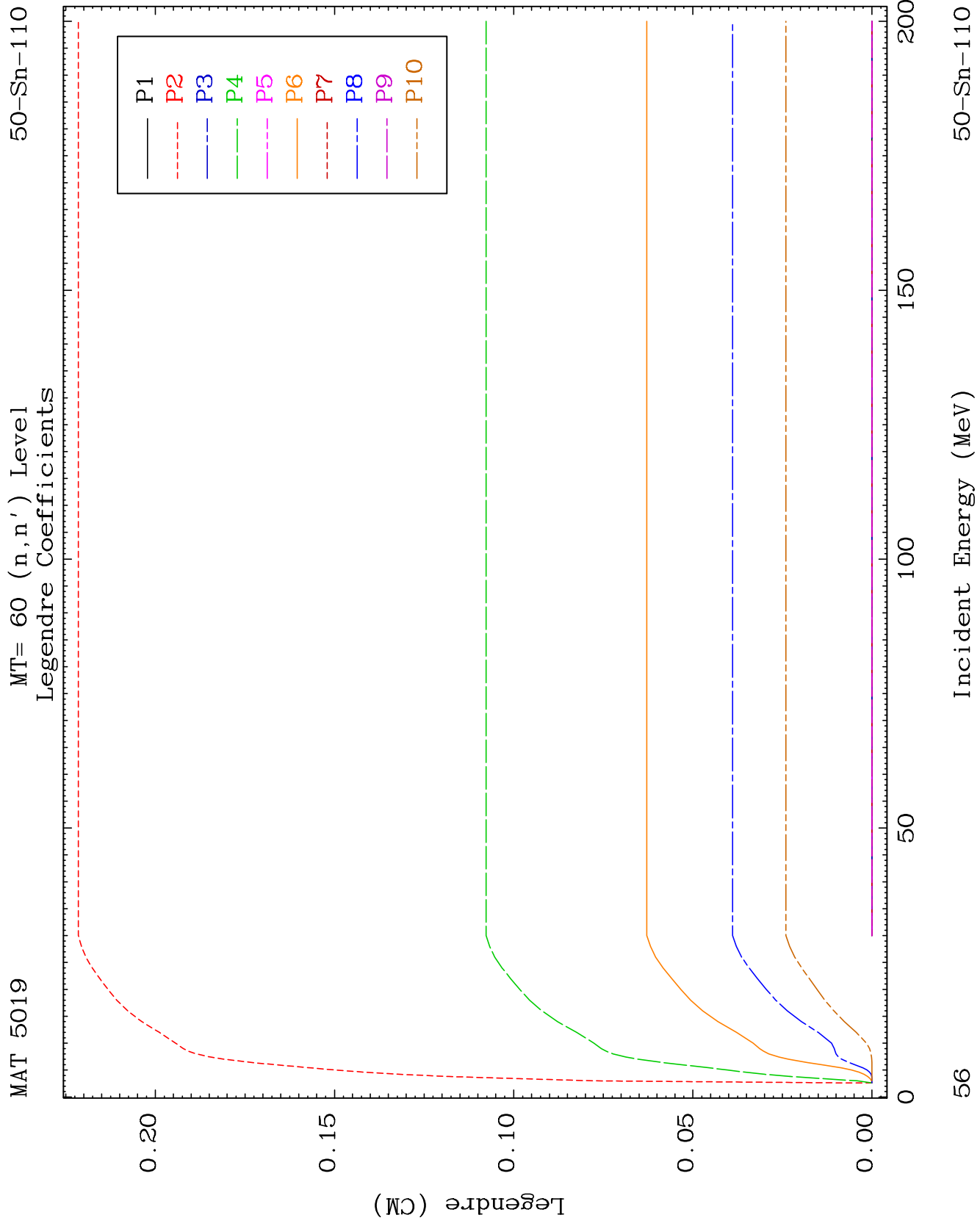
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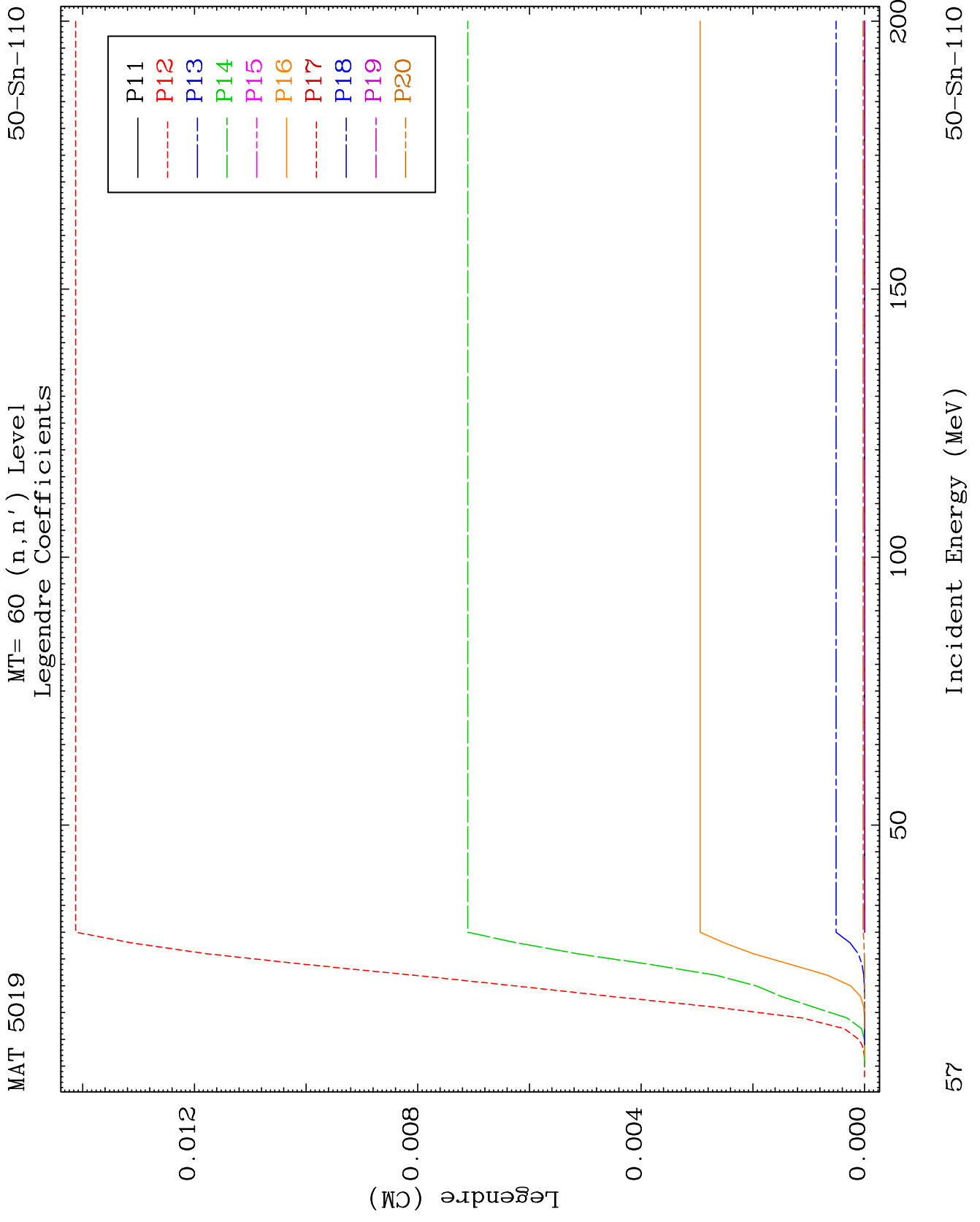
Incident Energy (MeV)

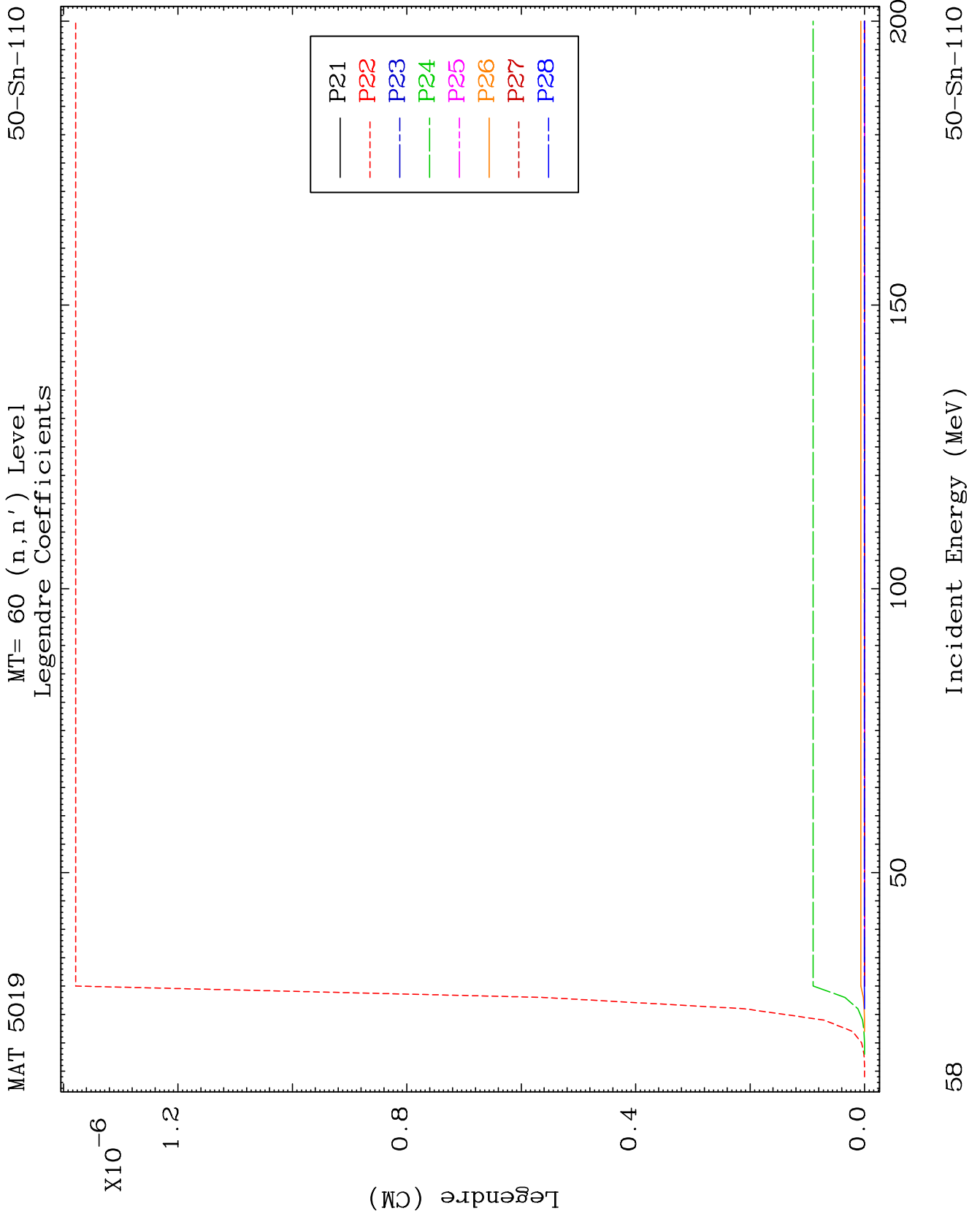
50-Sn-110







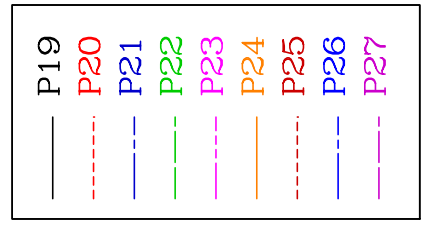




MAT 5019

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

50-Sn-110



$\times 10^{-3}$
1.5
1.0

Legendre (CM)

0.5

0.0

50

100

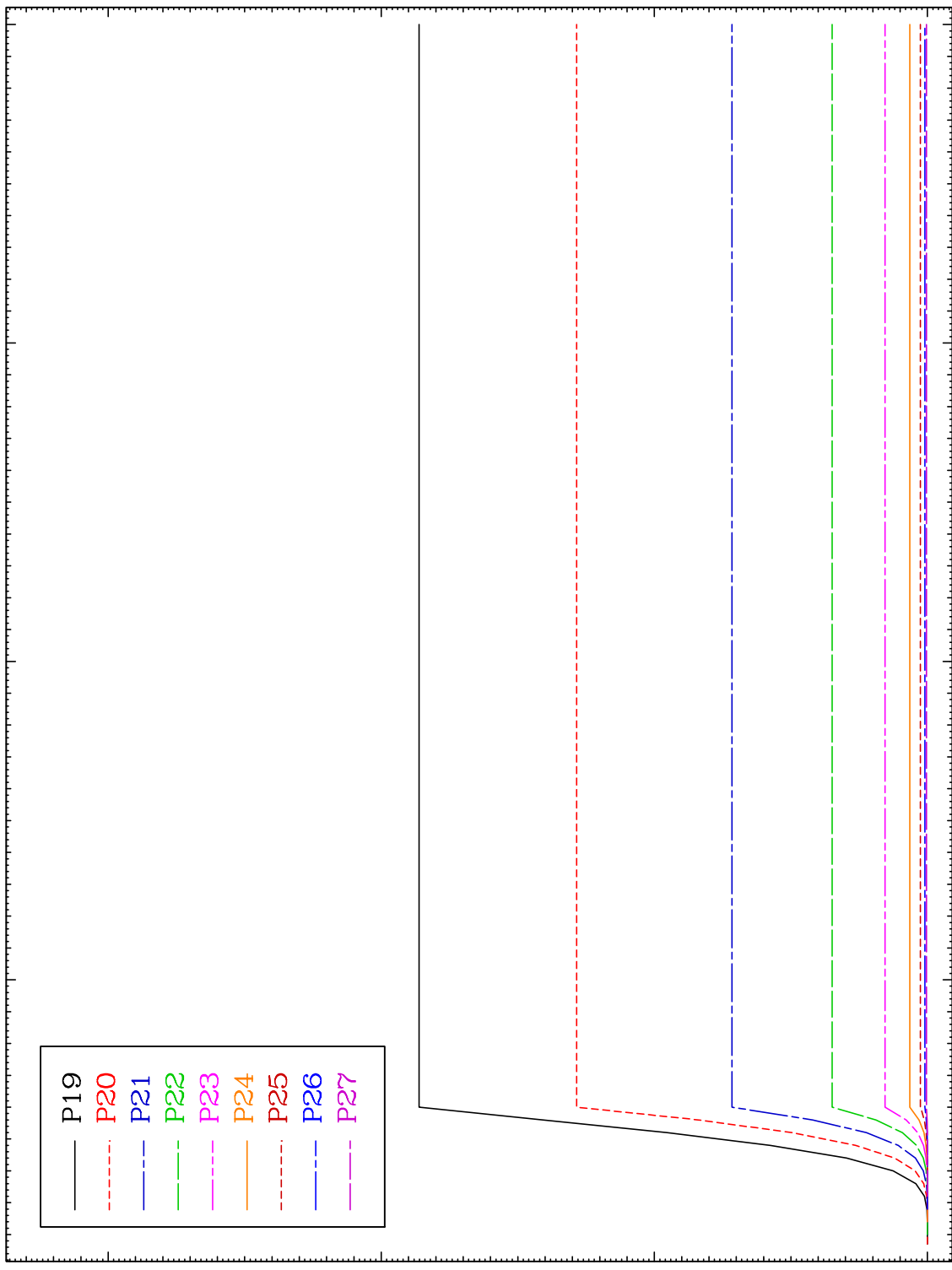
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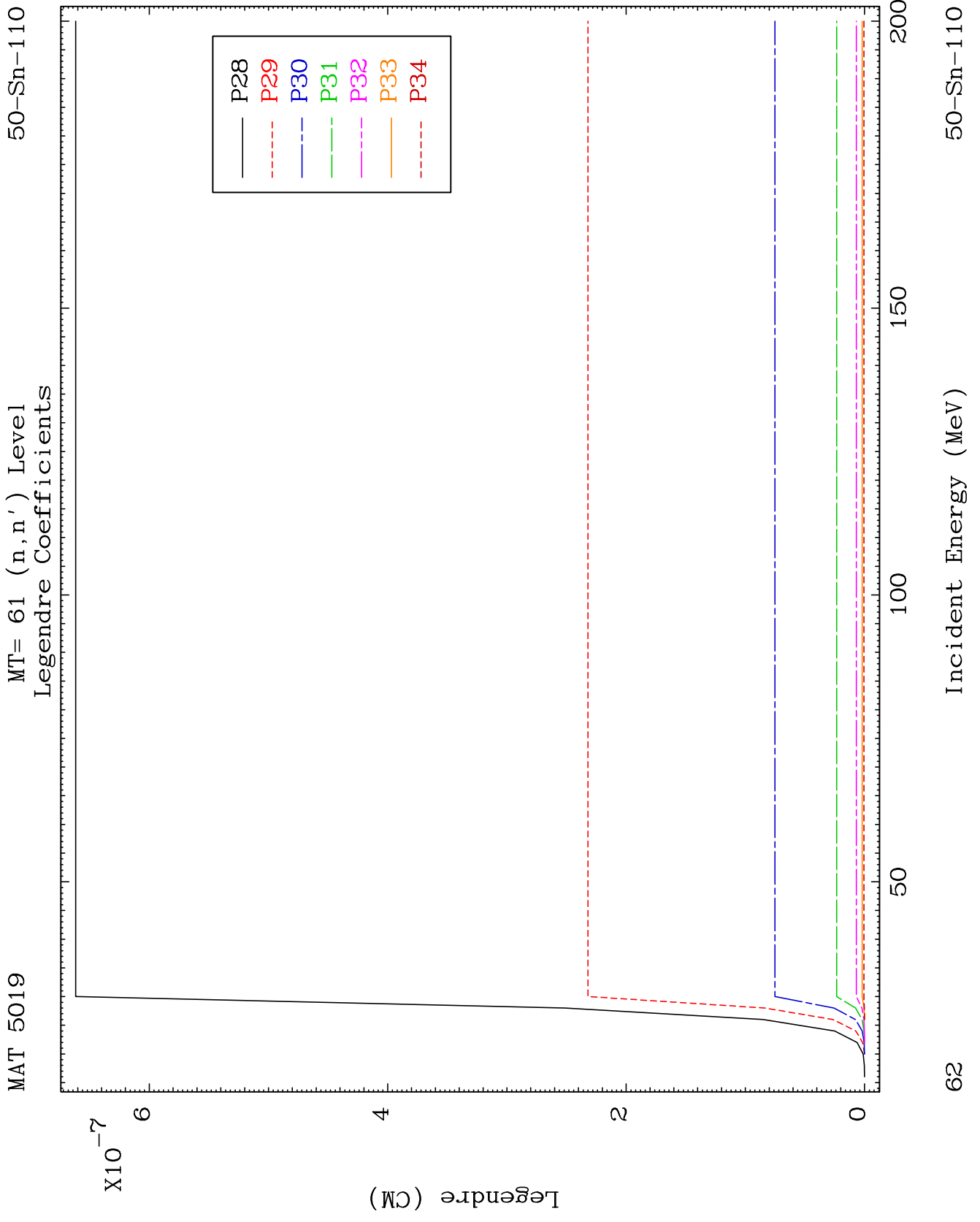
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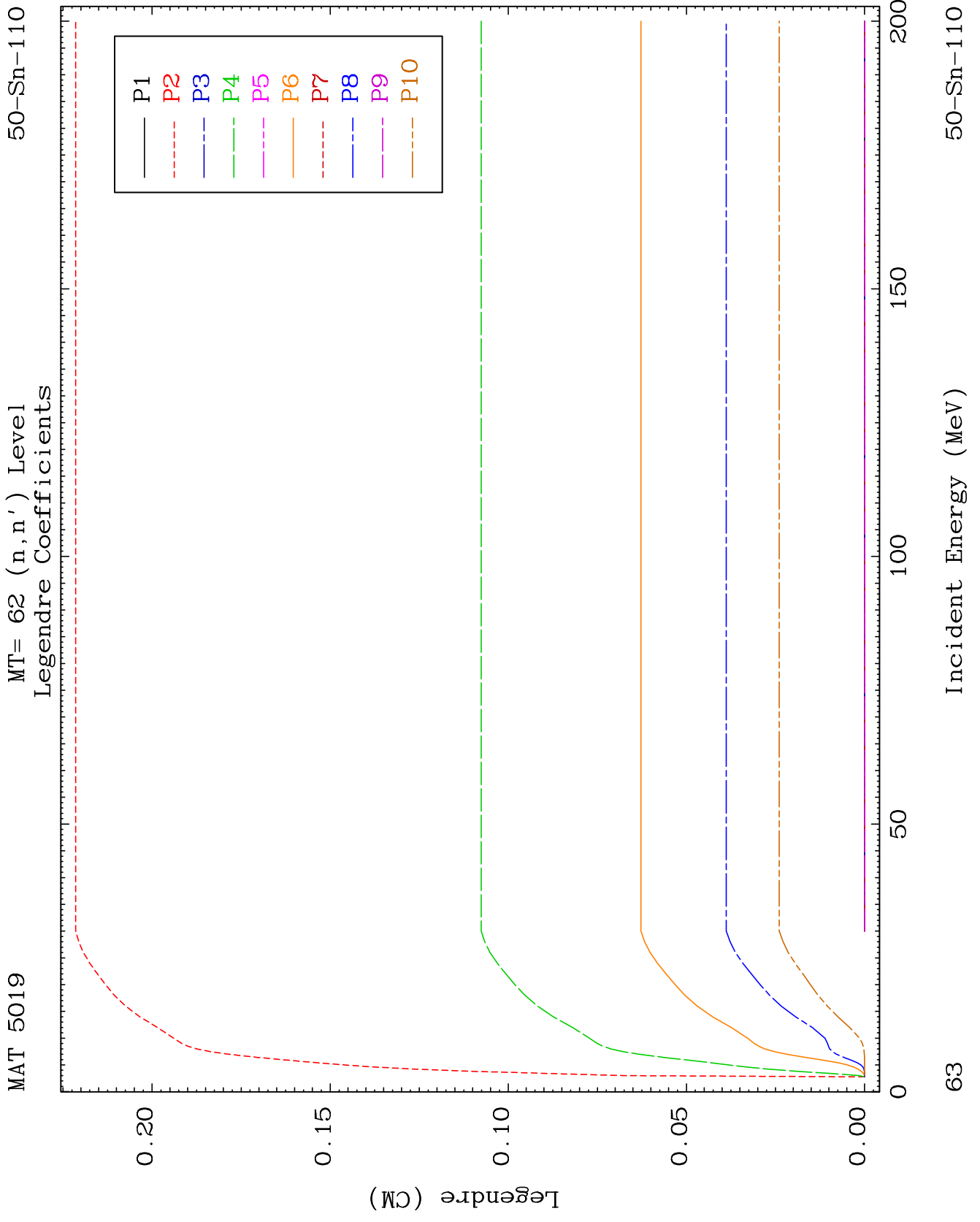
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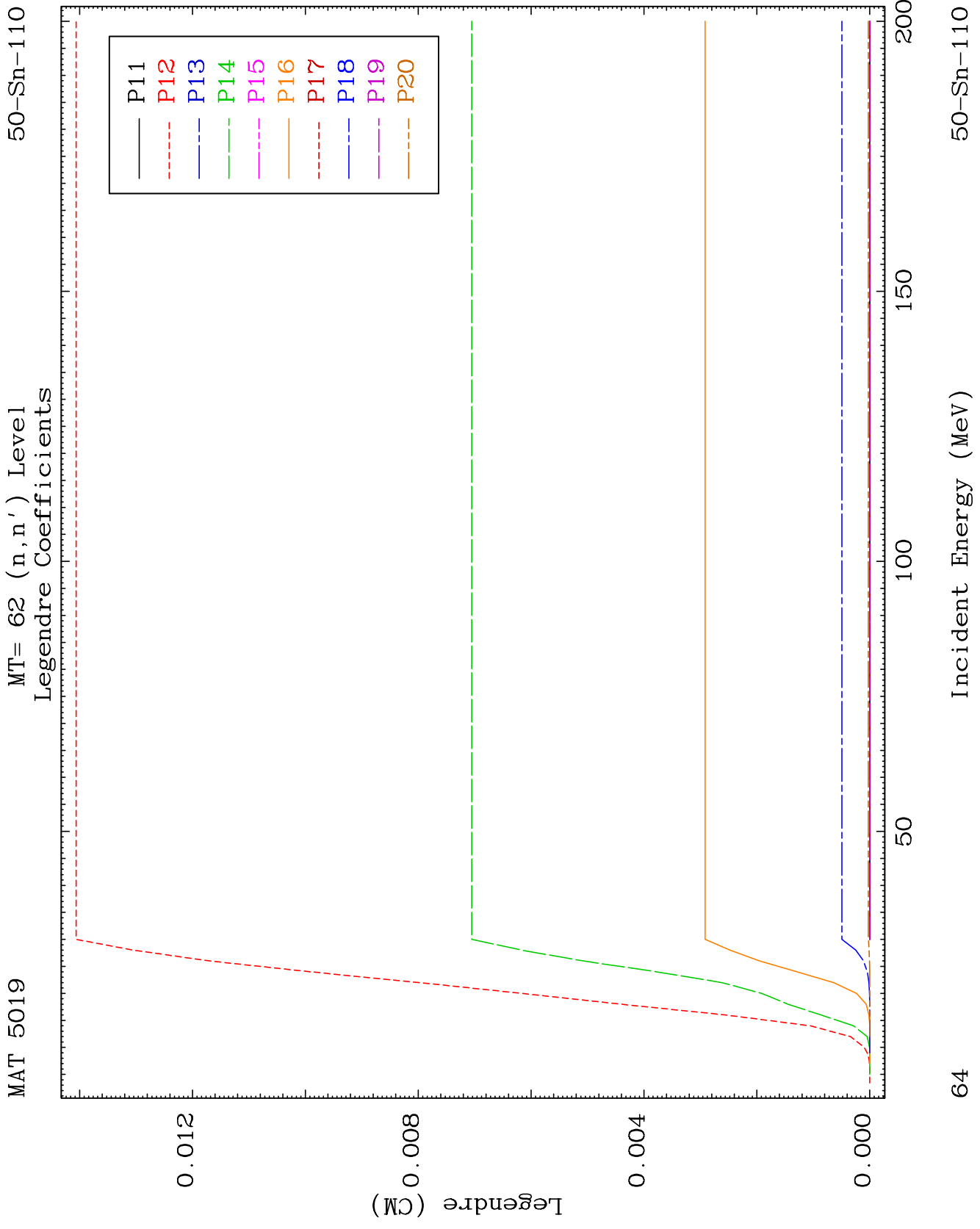
Incident Energy (MeV)

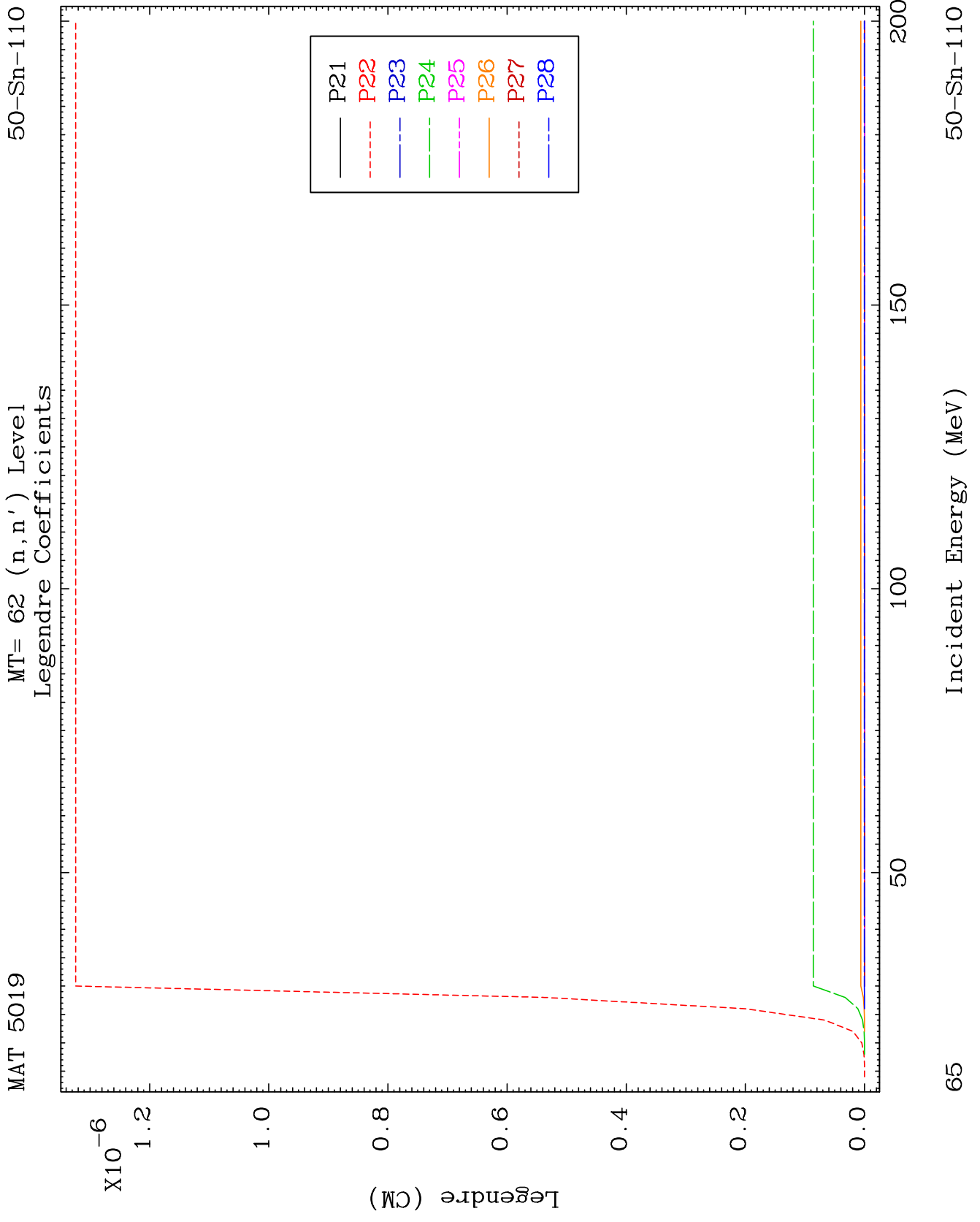
50-Sn-110

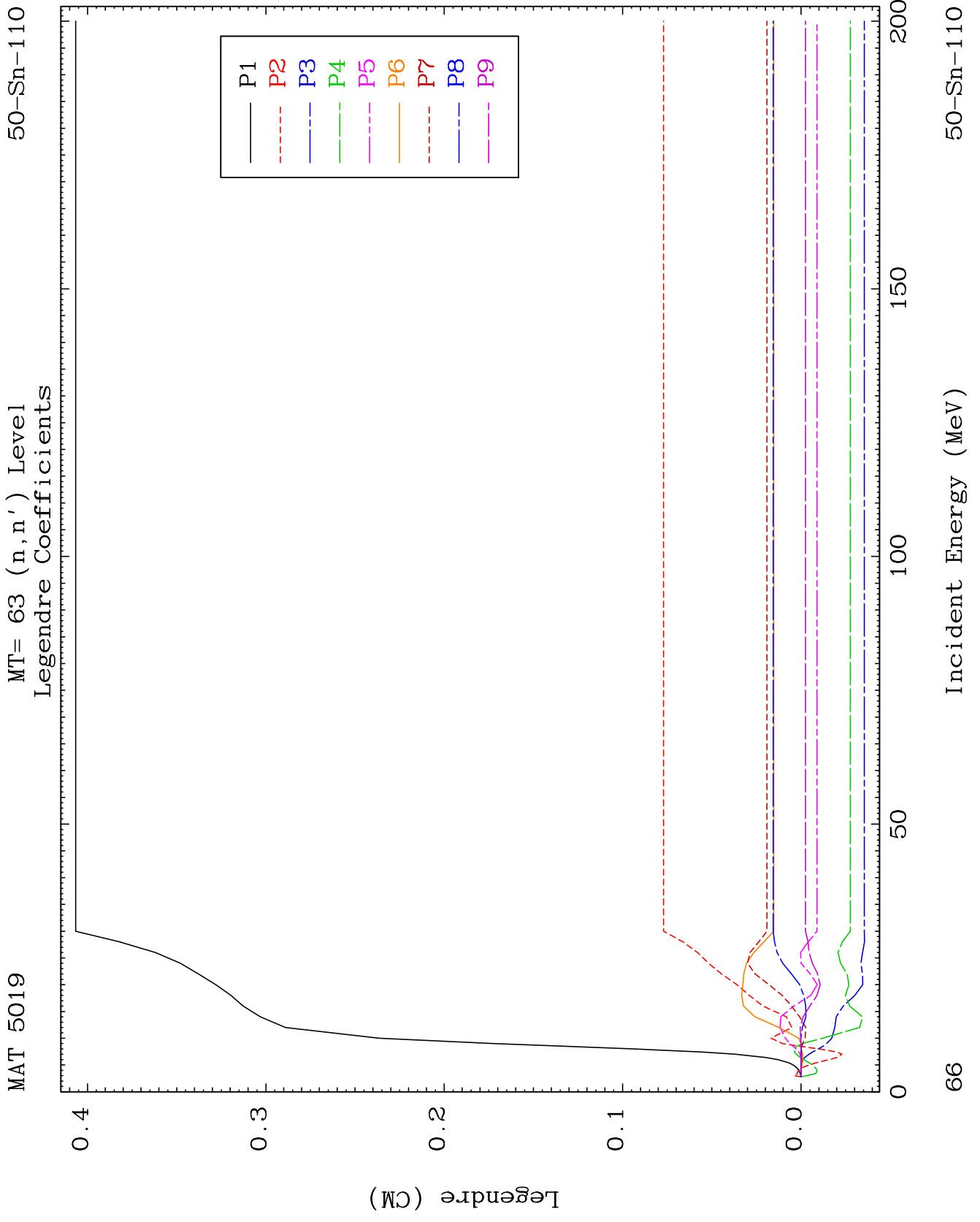


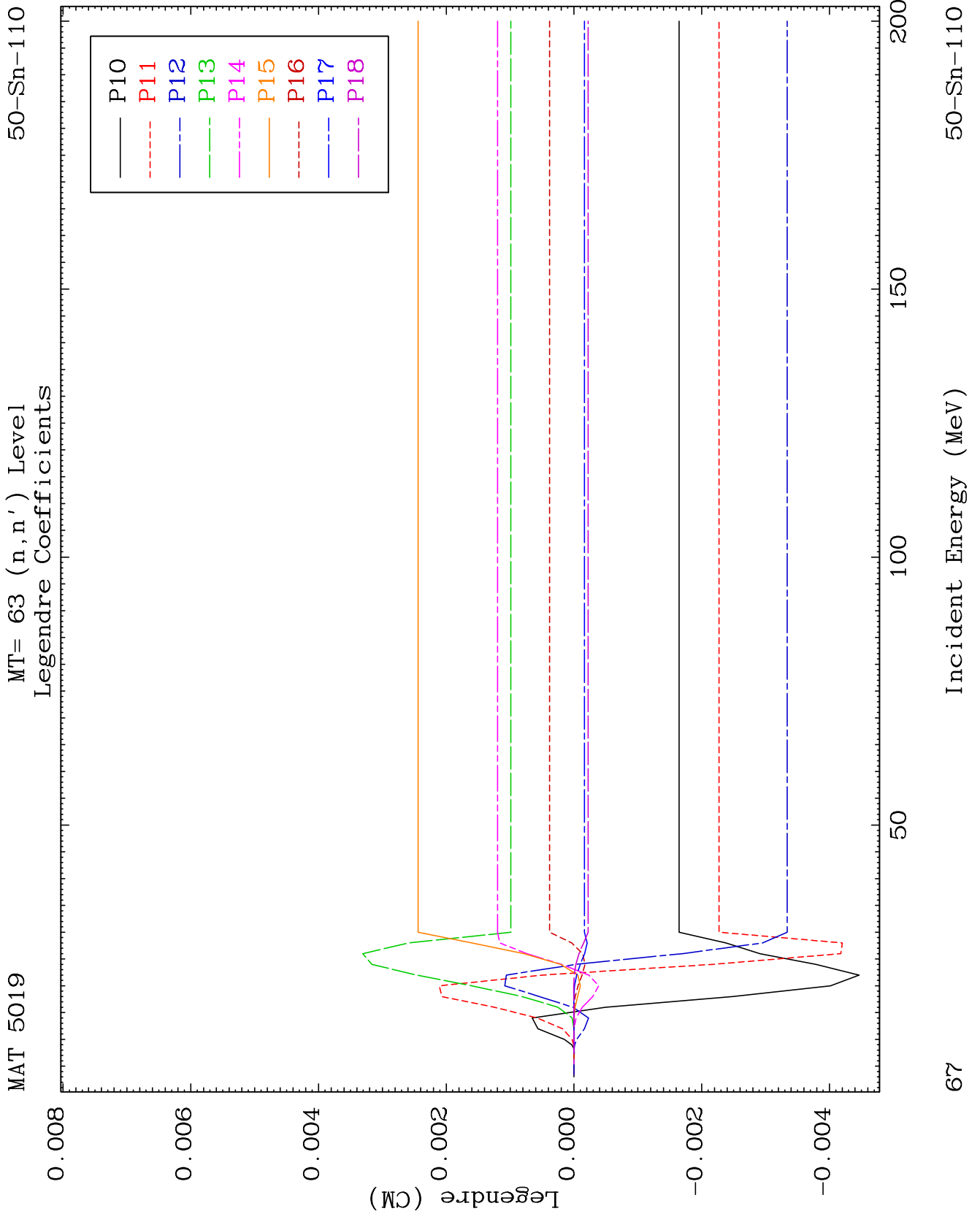


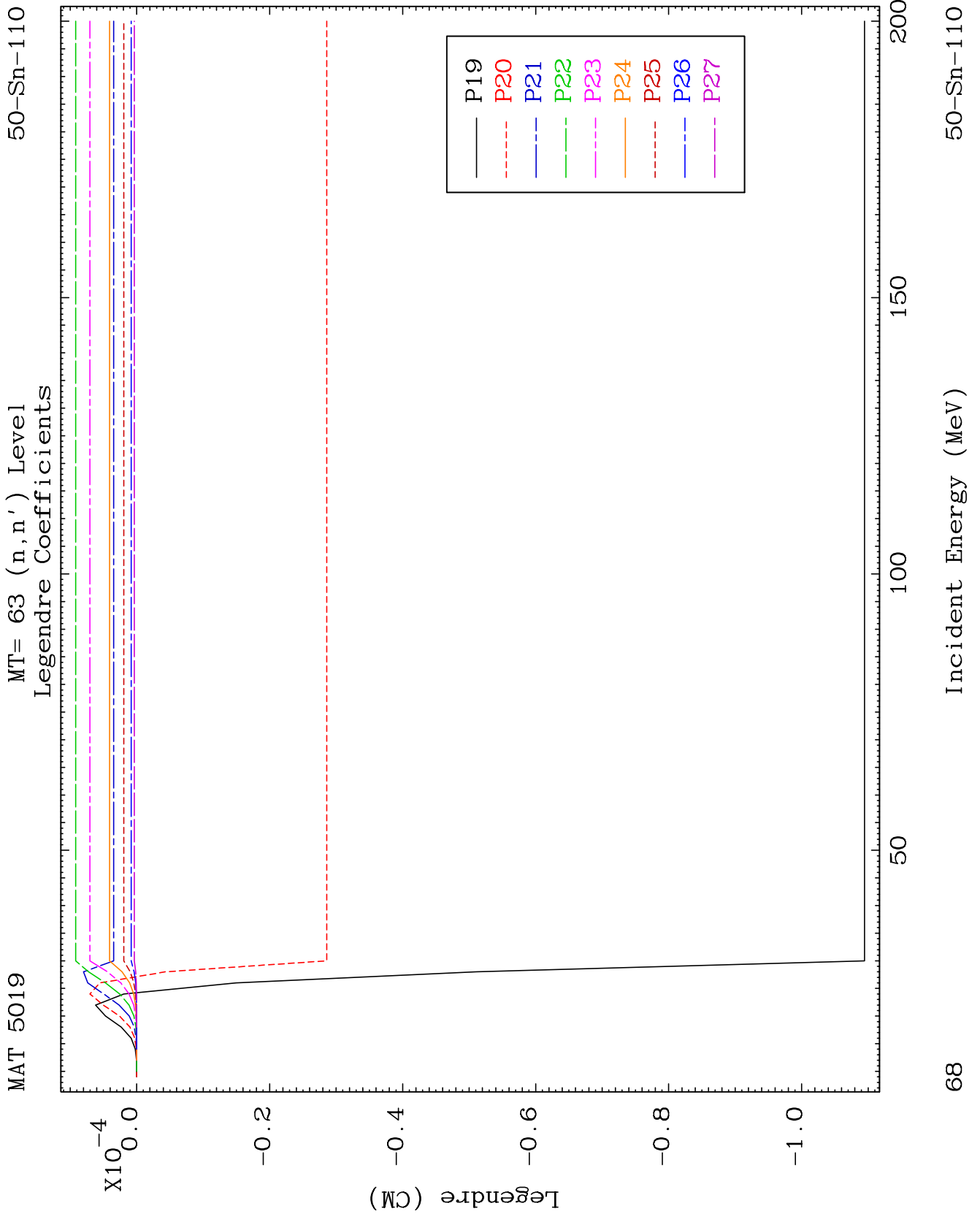


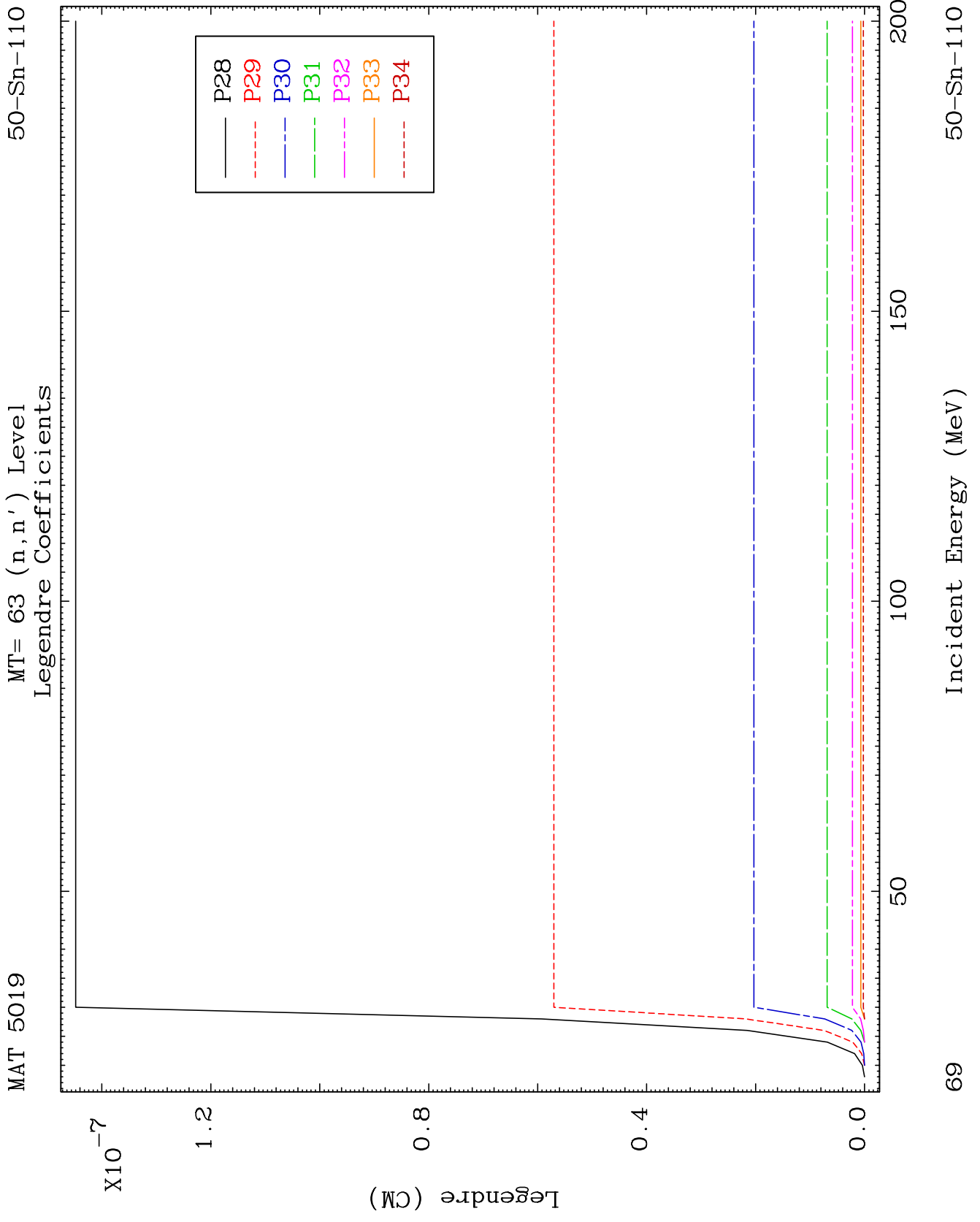


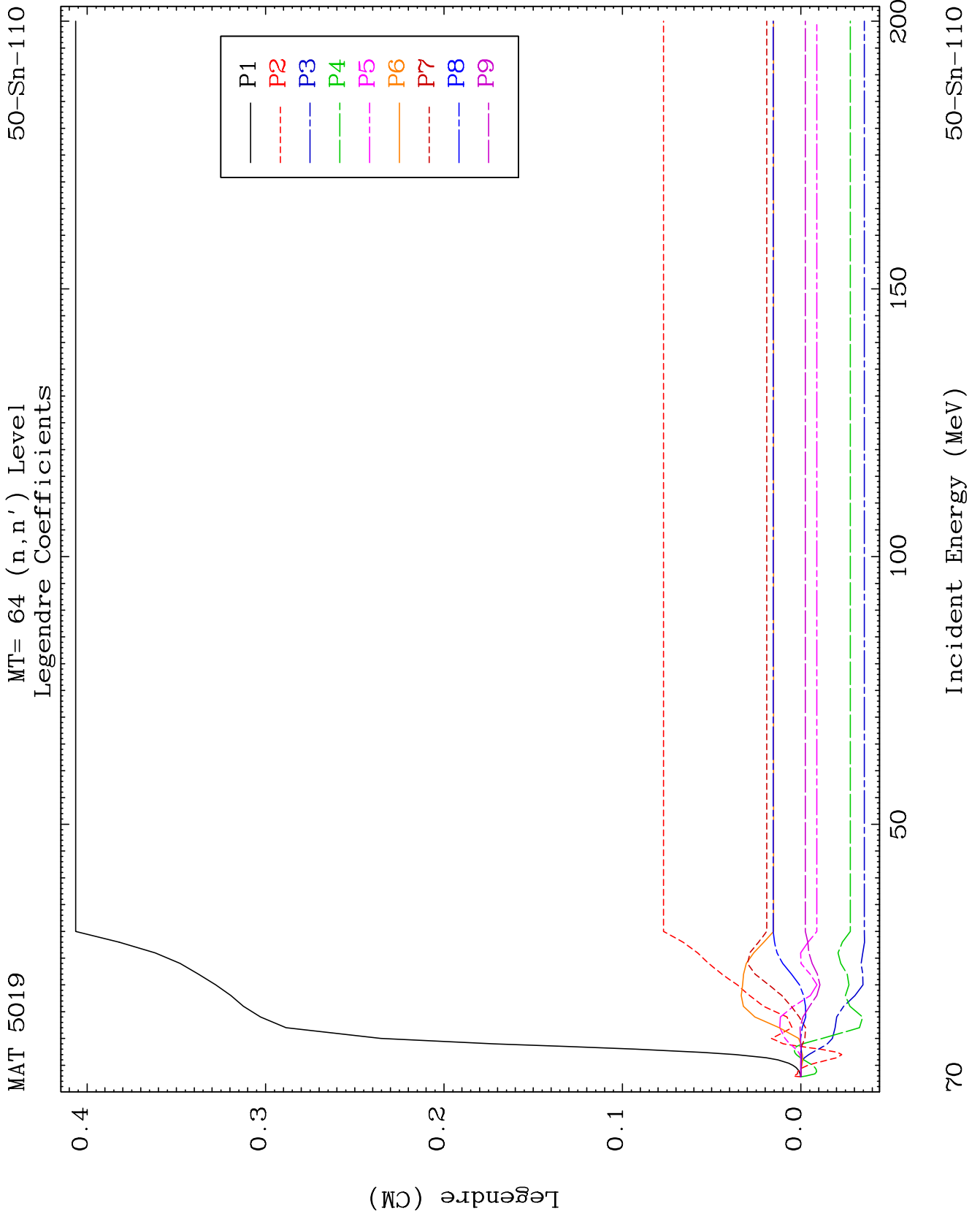


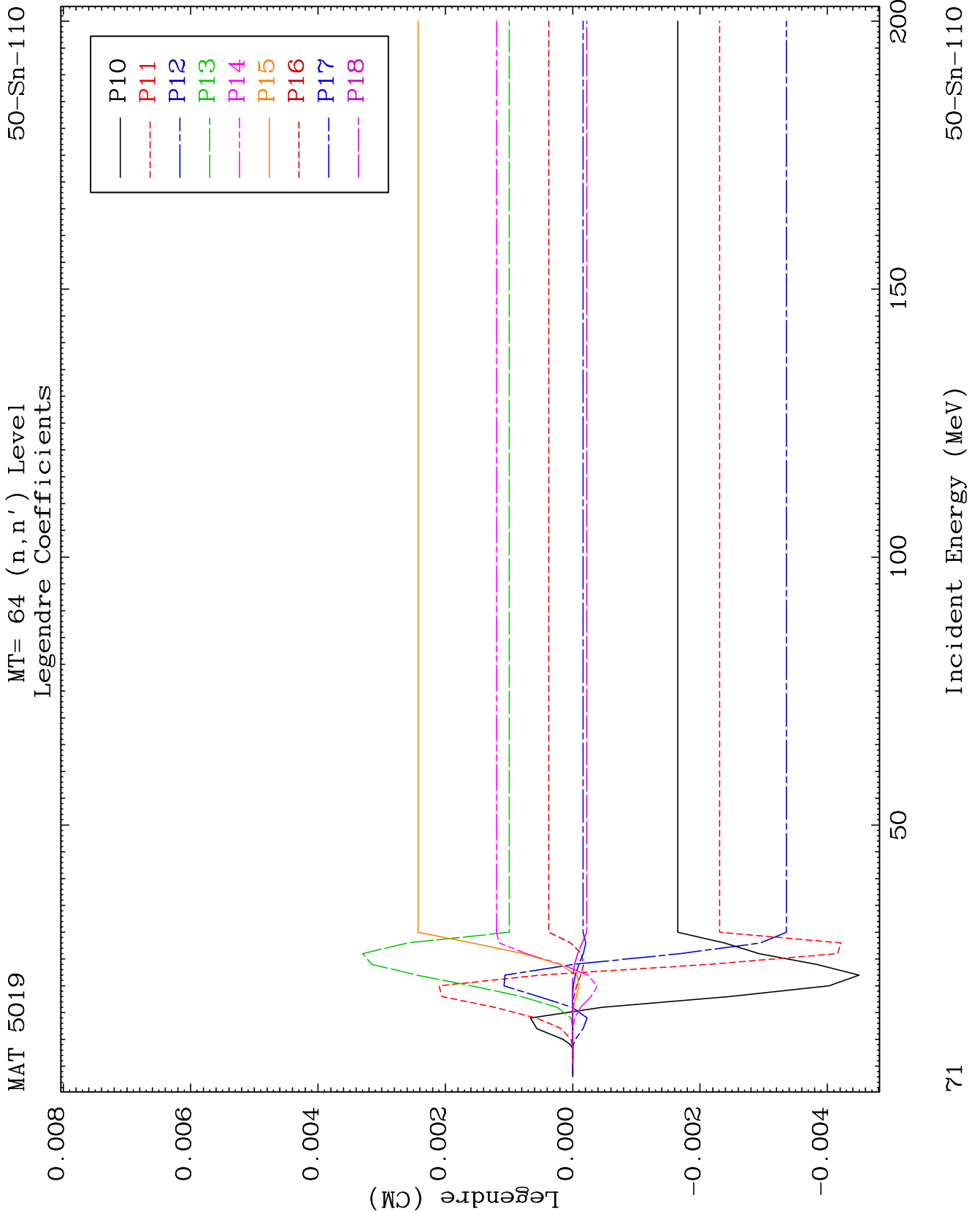


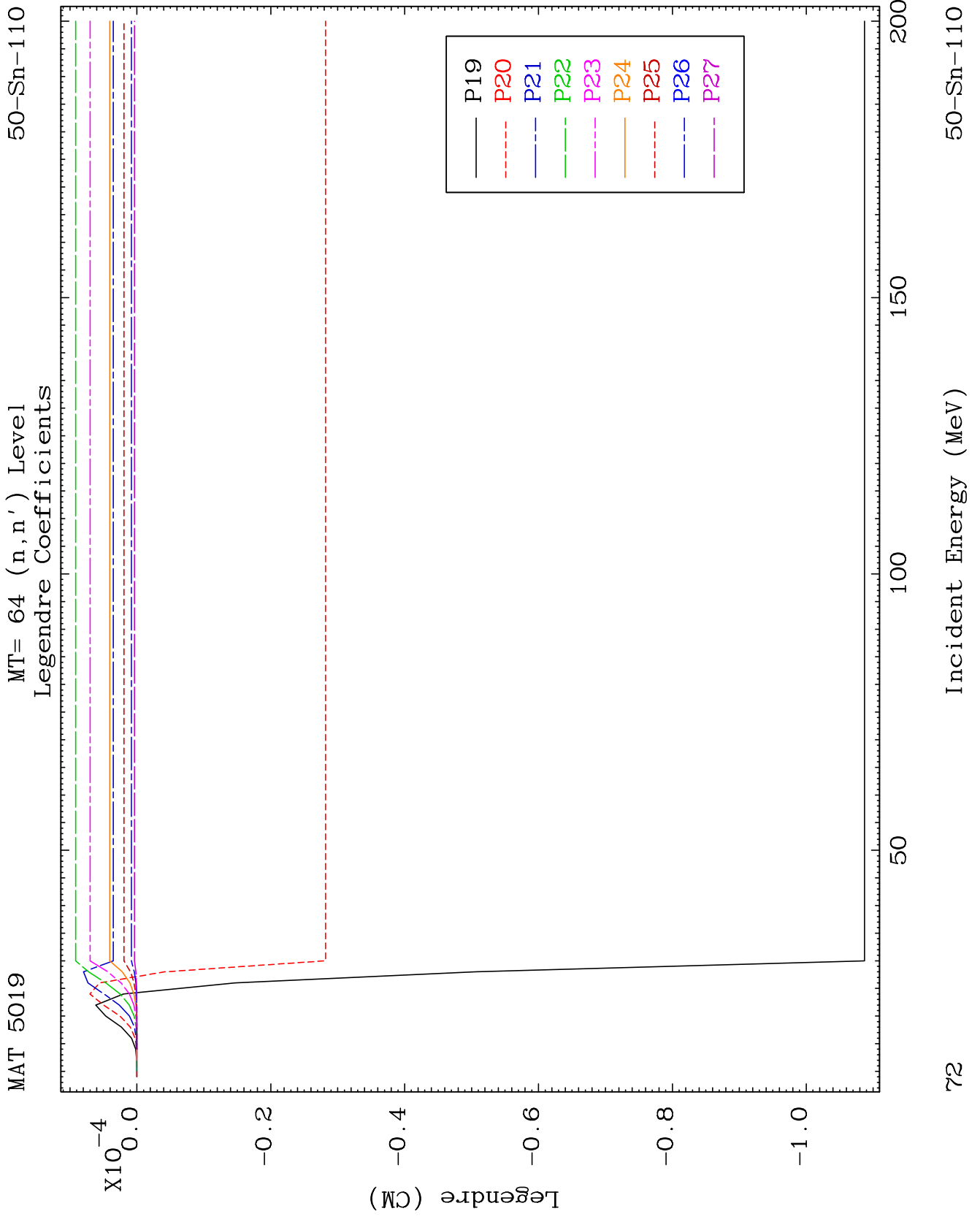


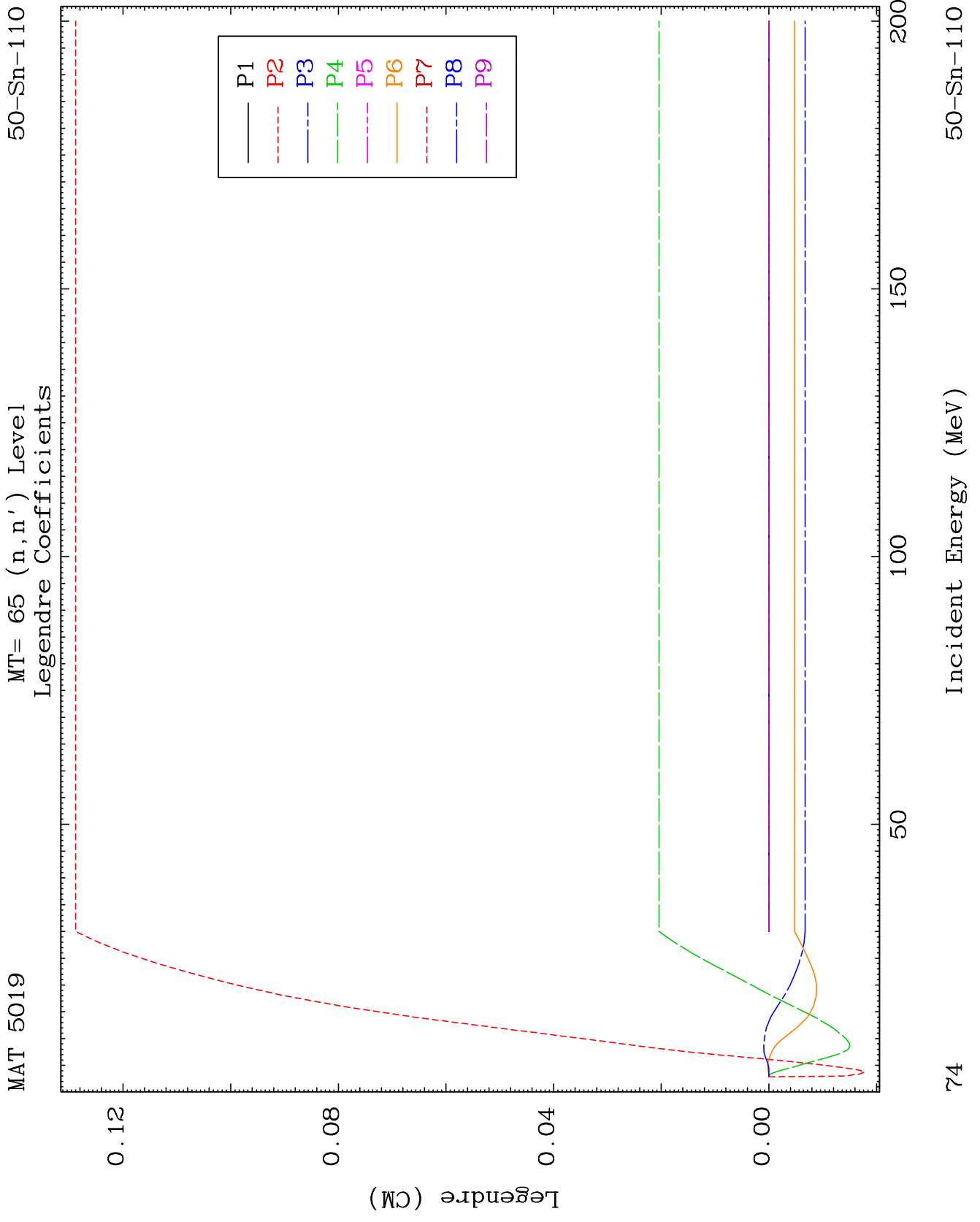


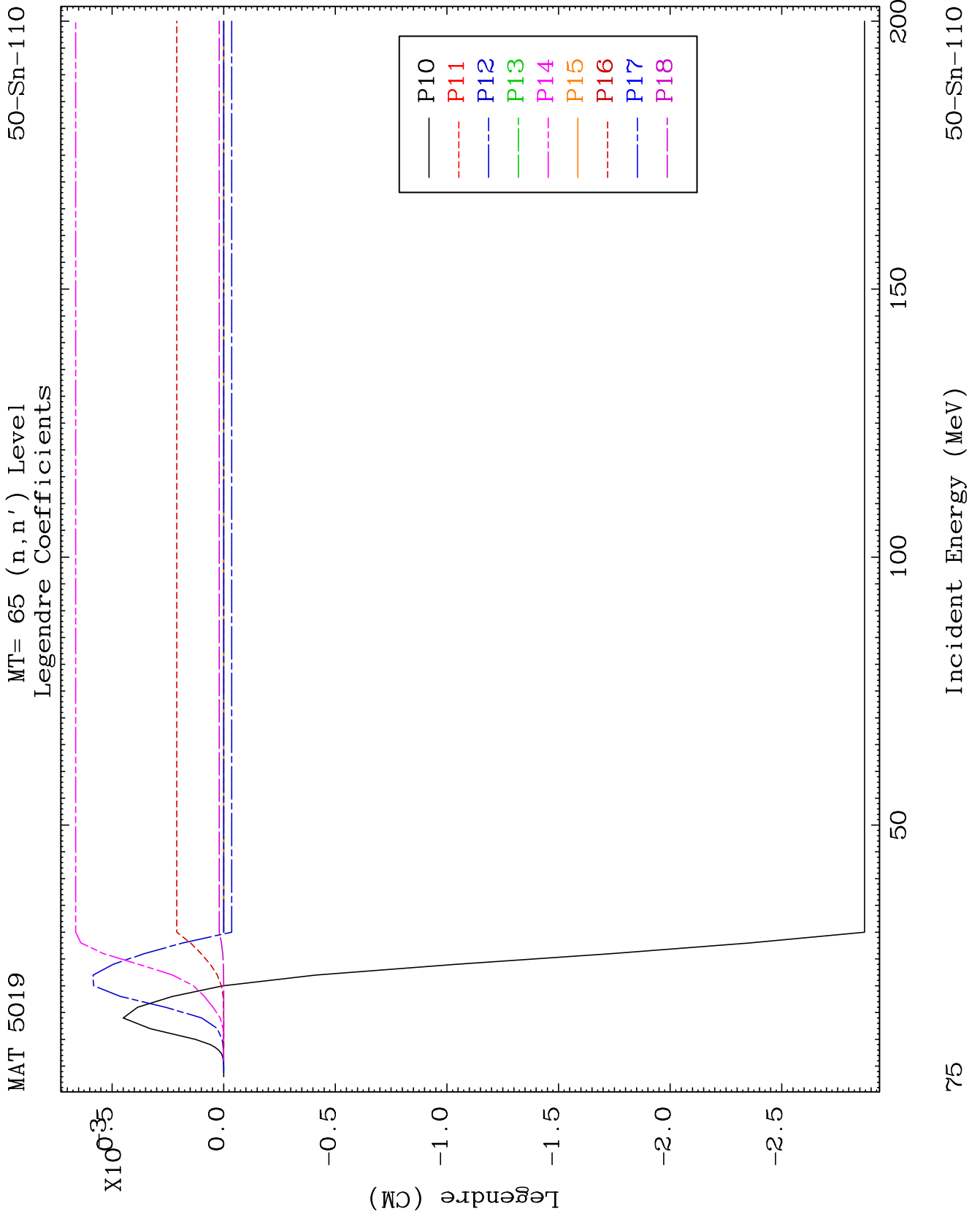


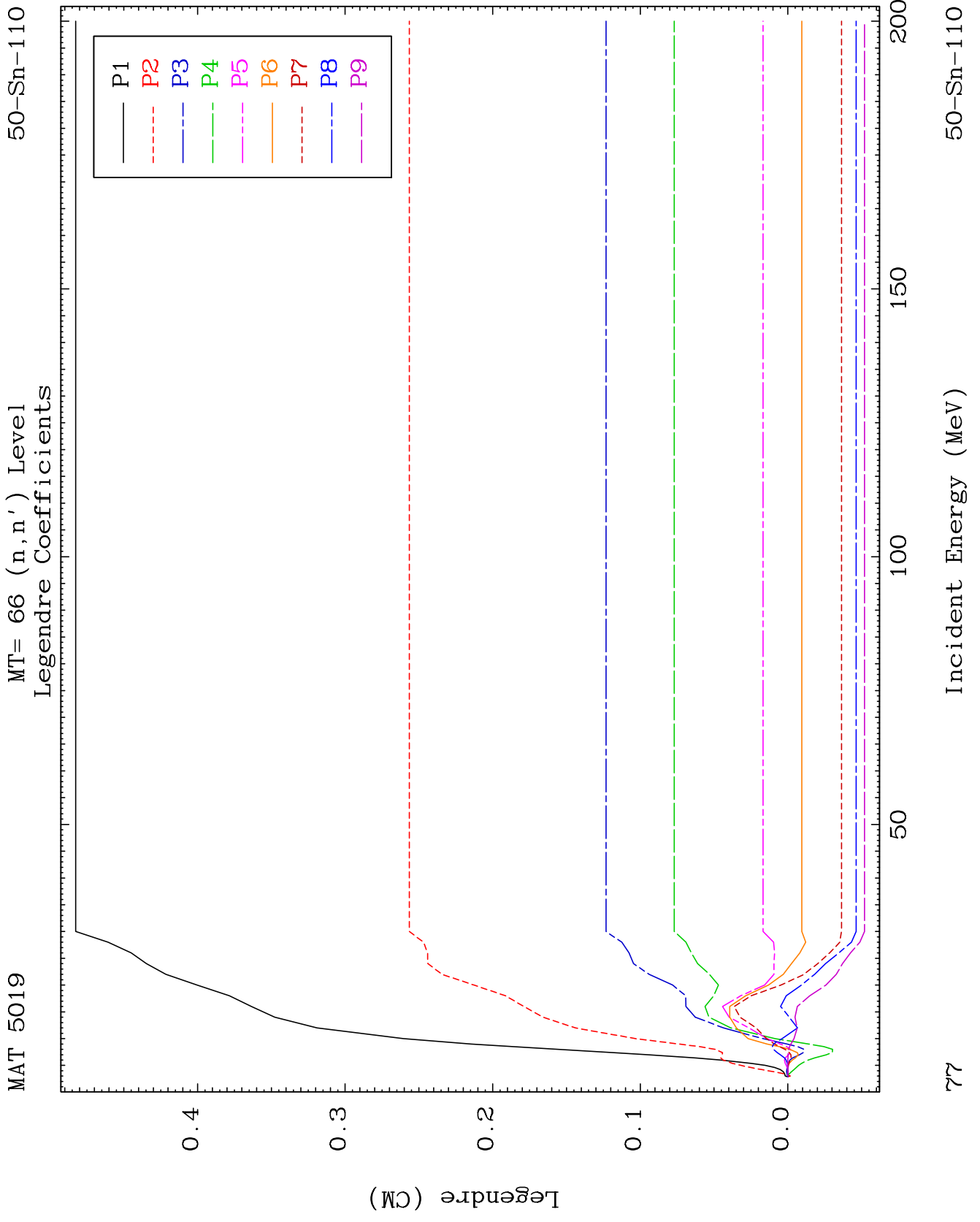


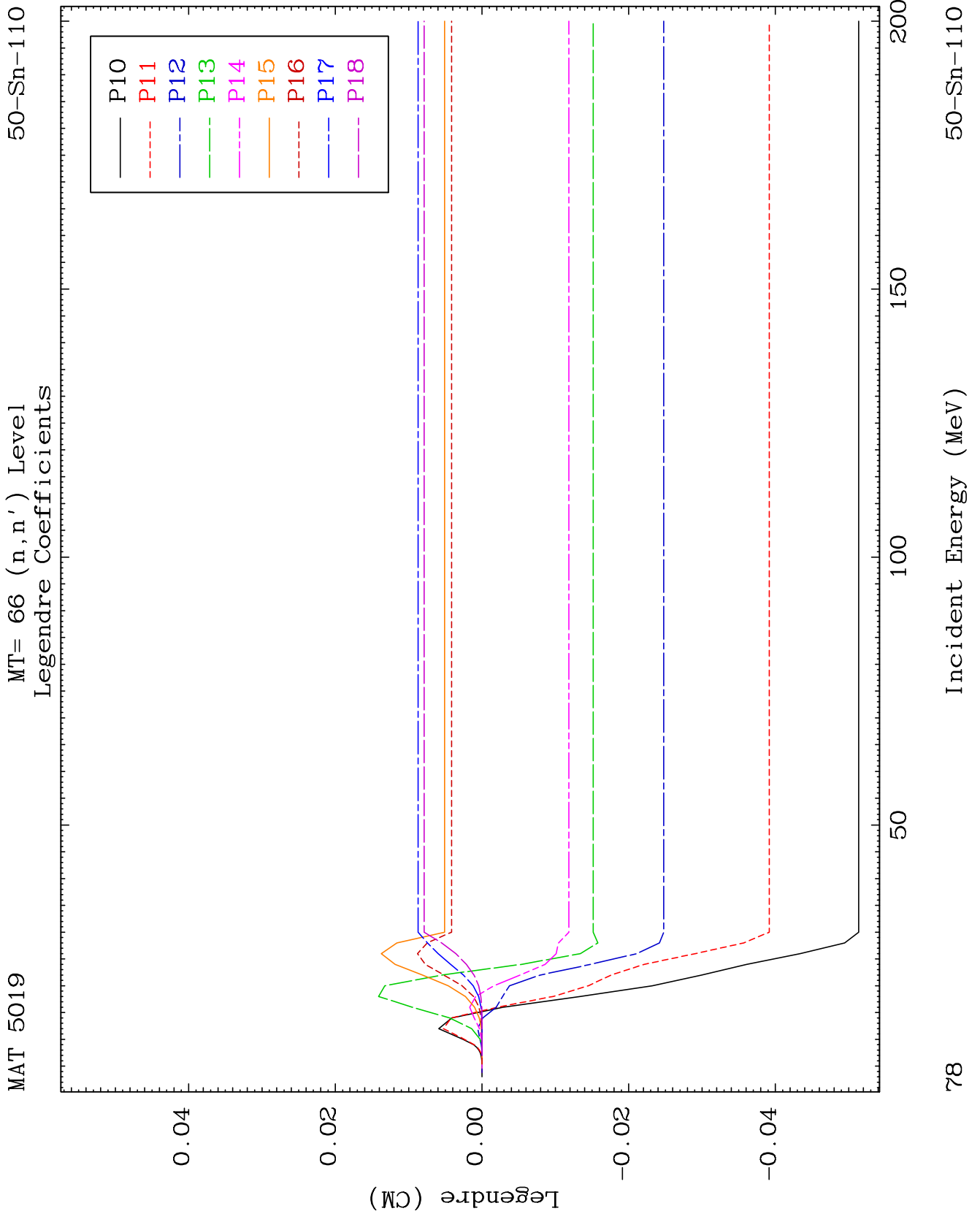


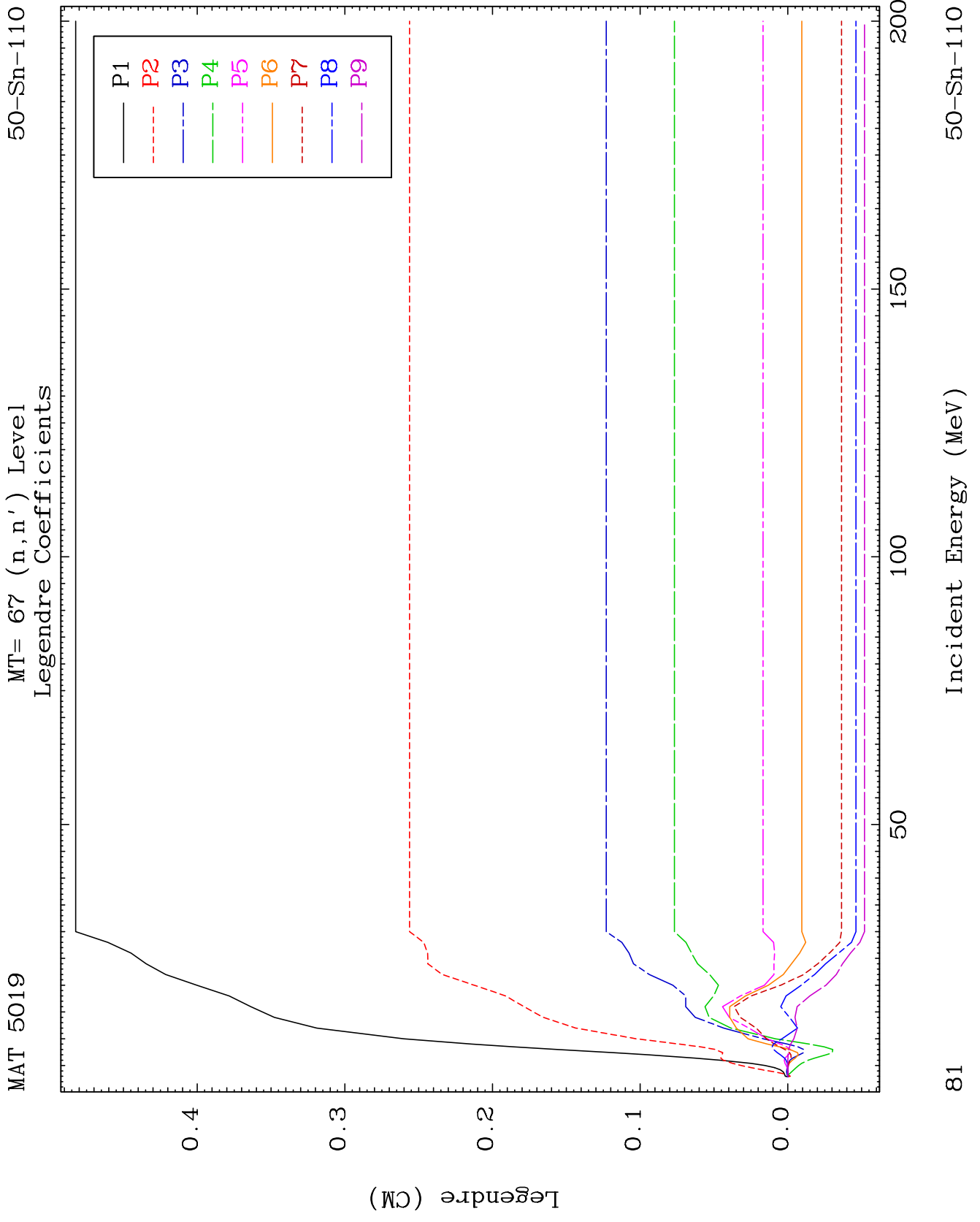


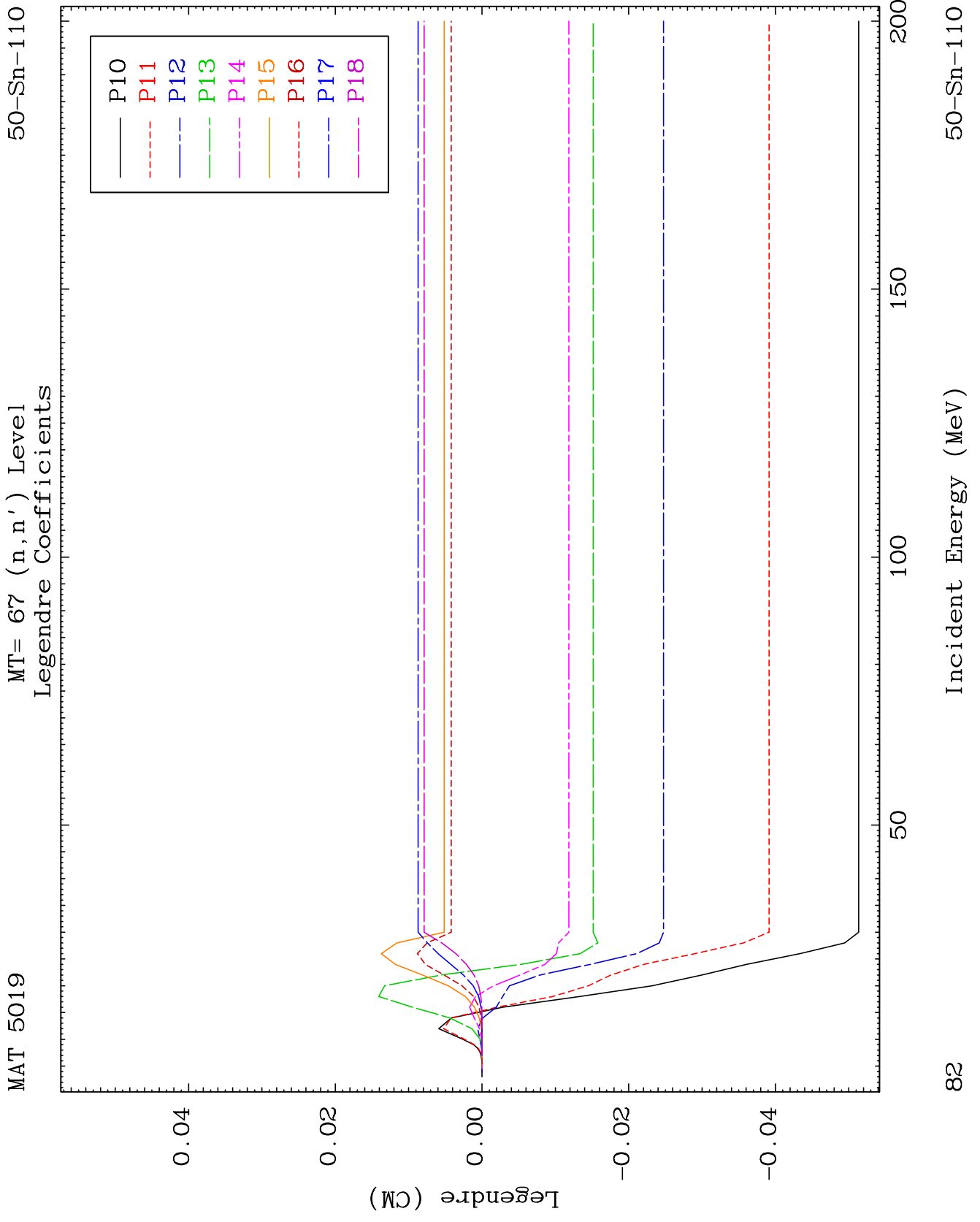


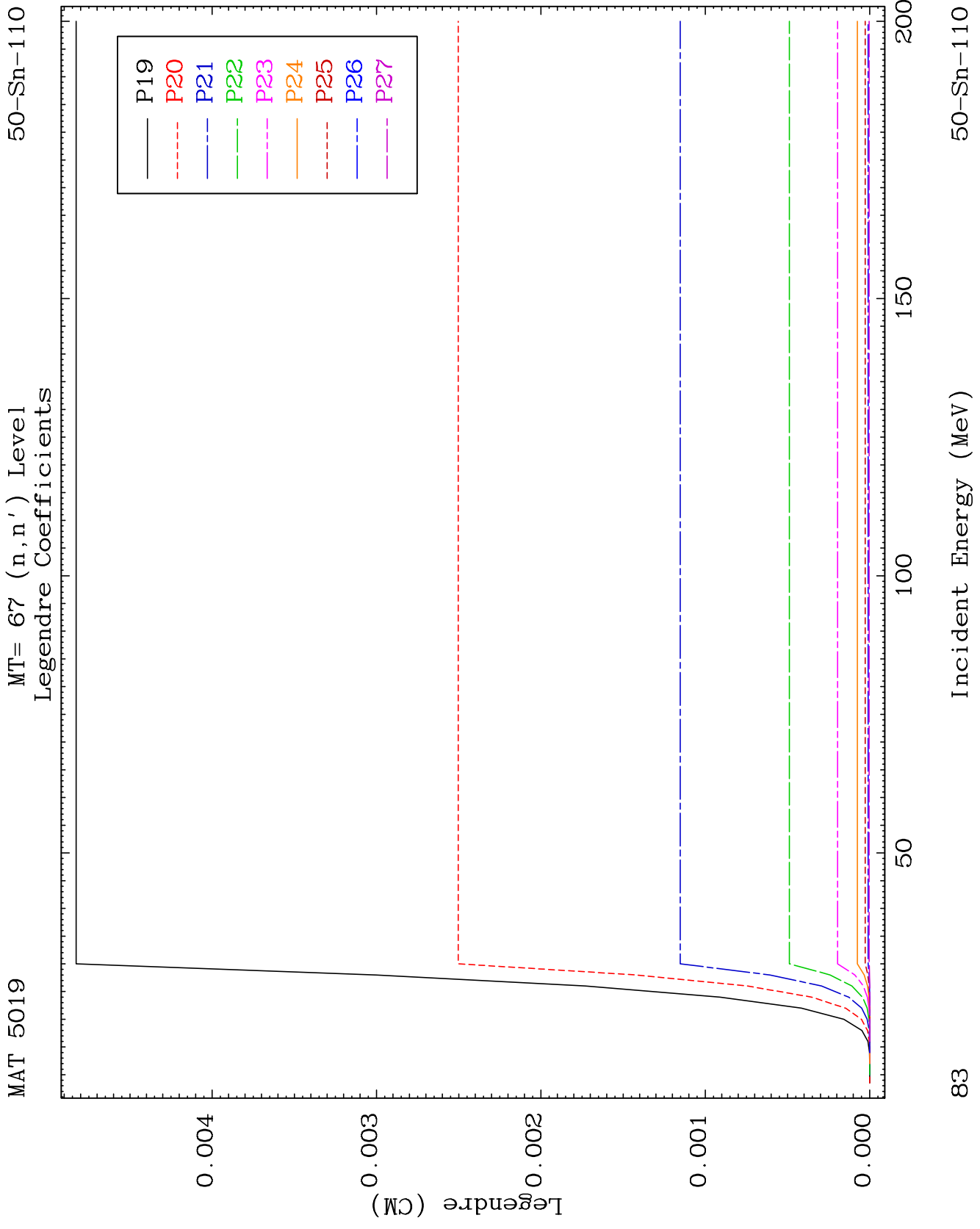


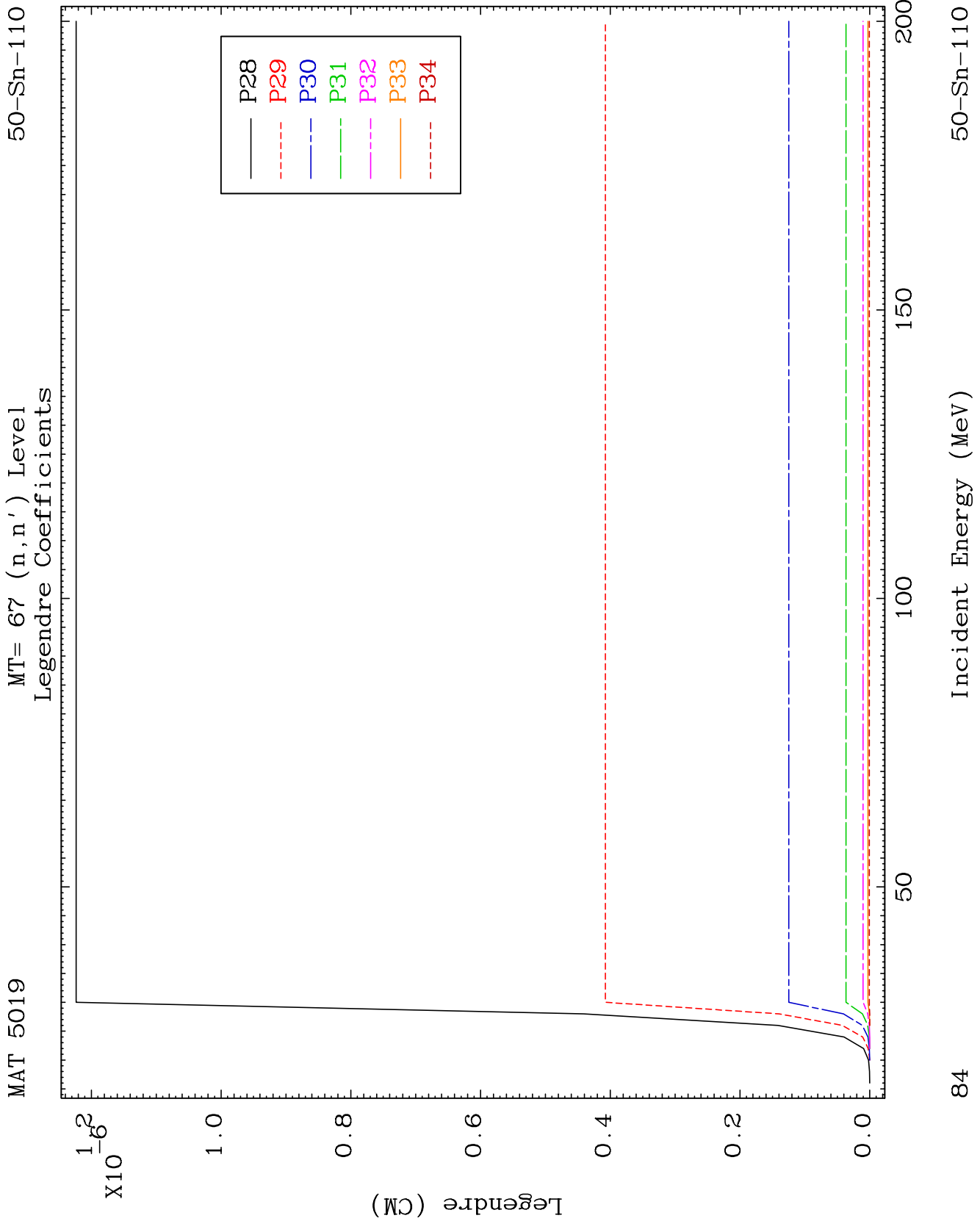


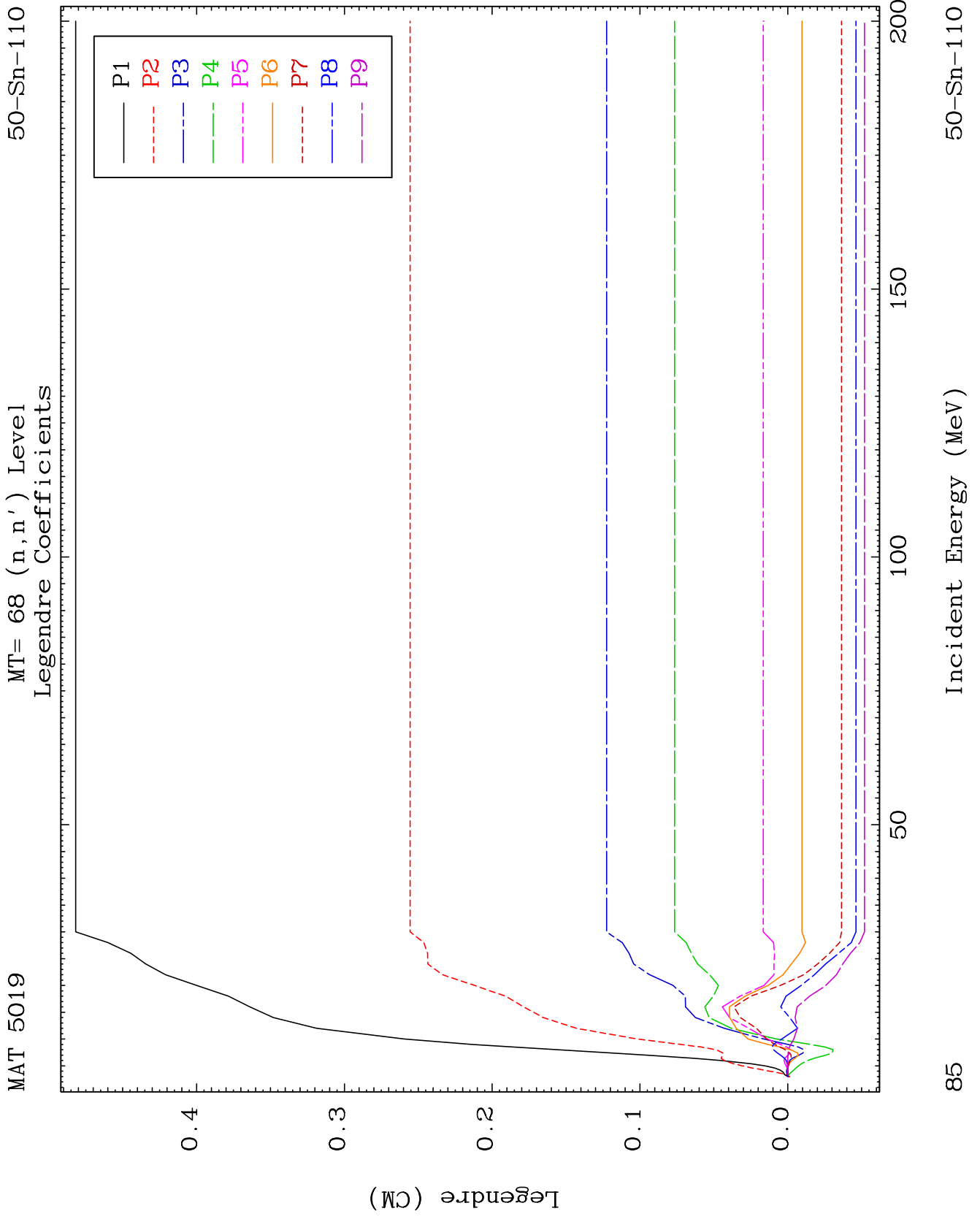


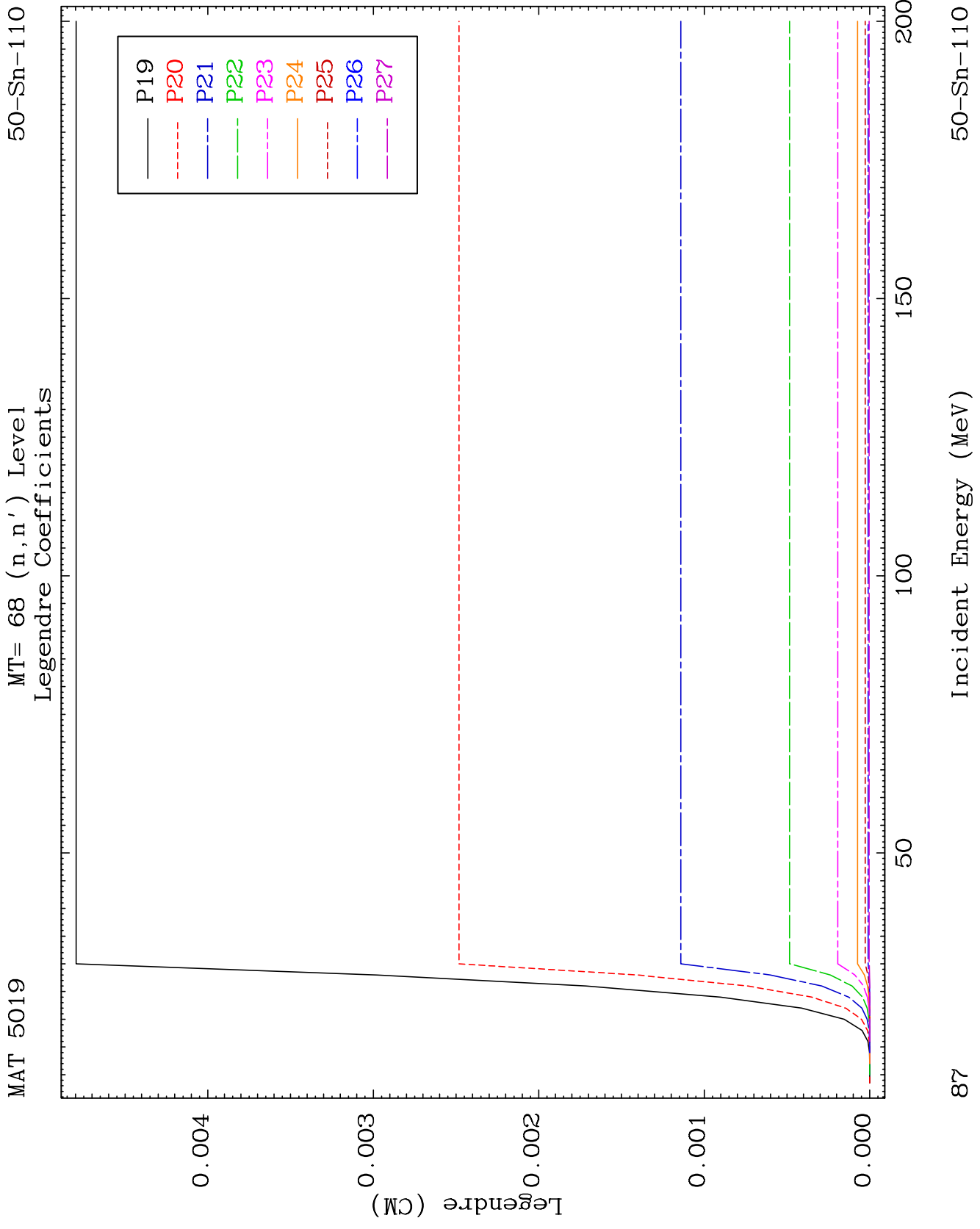


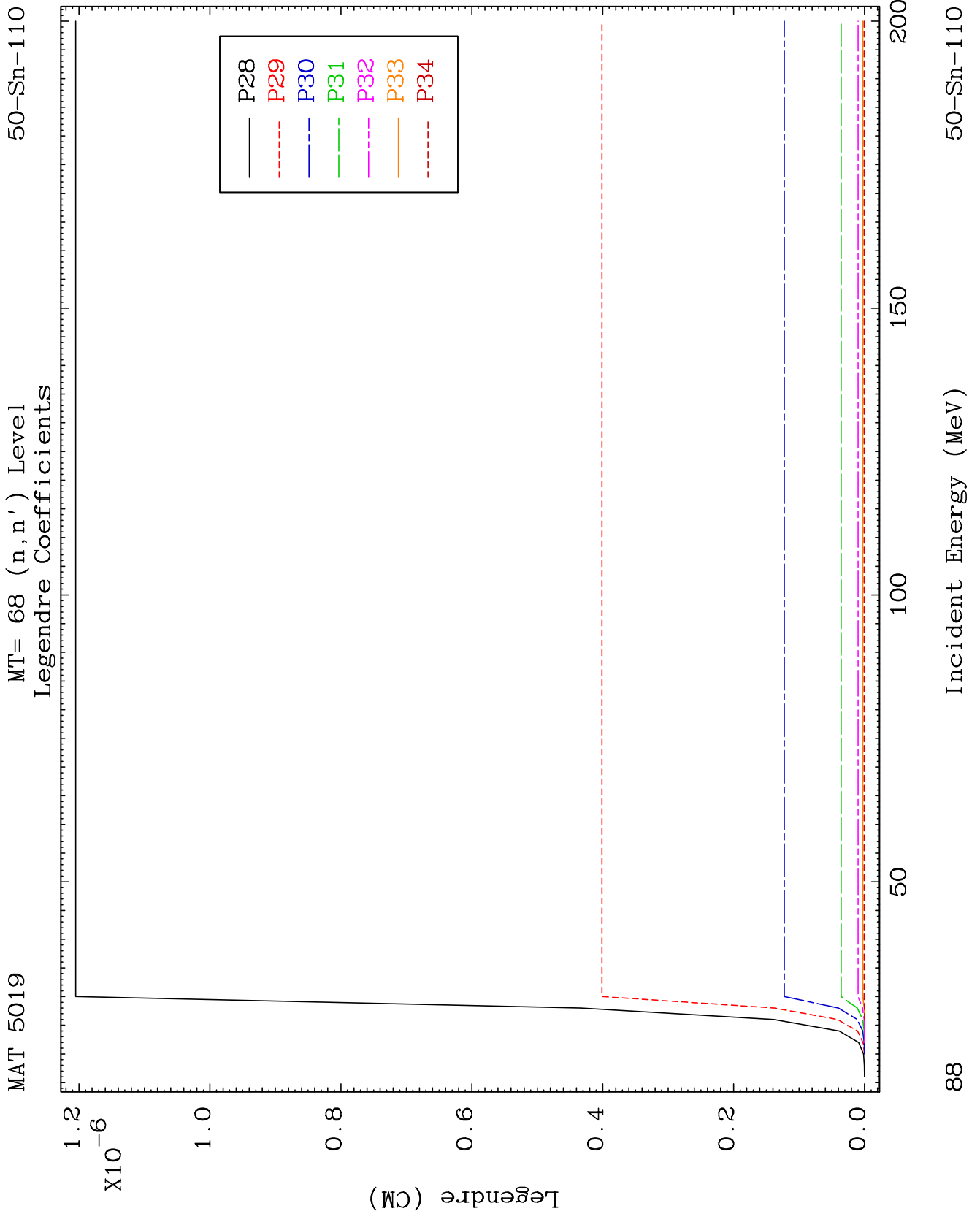


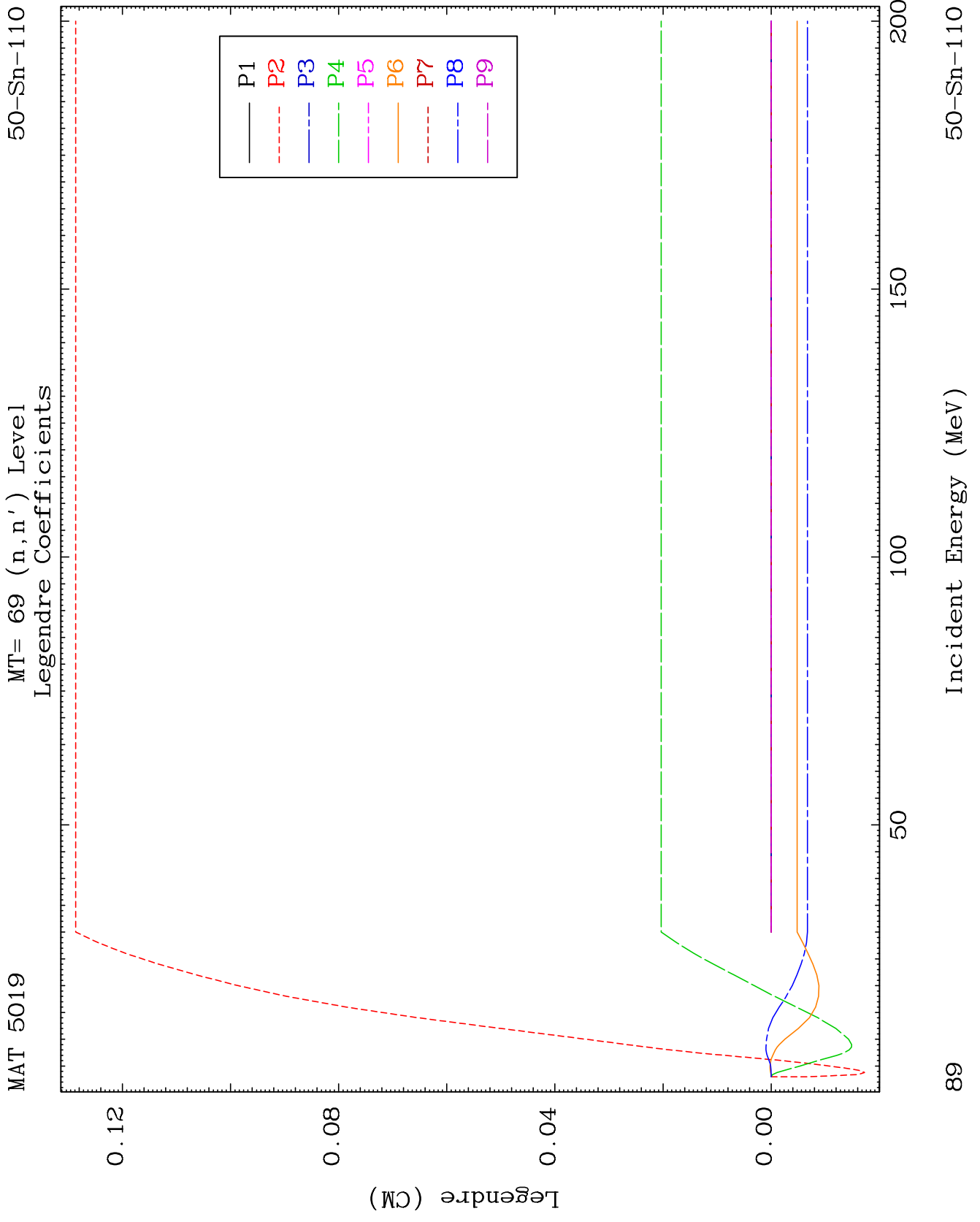








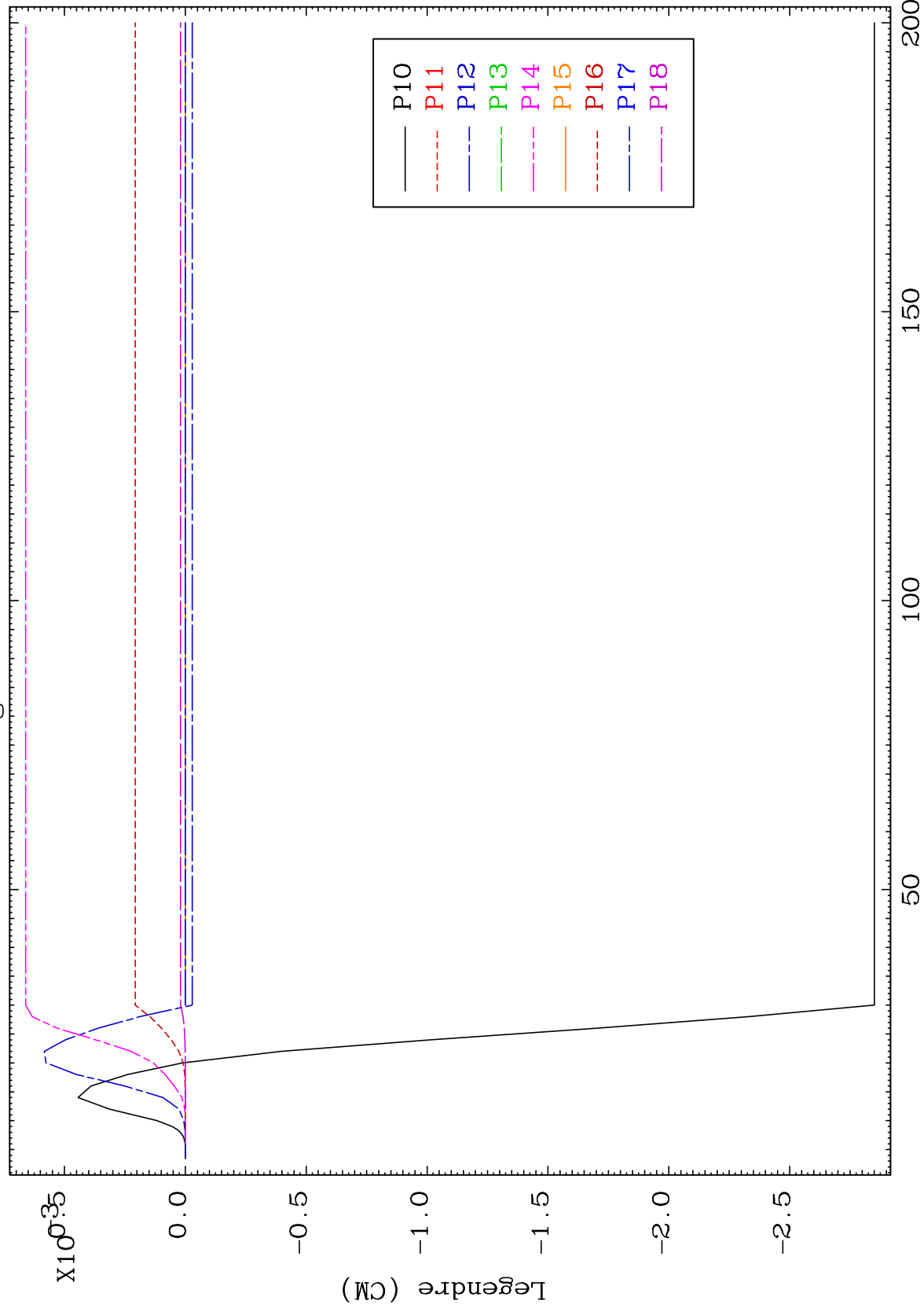




MAT 5019

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

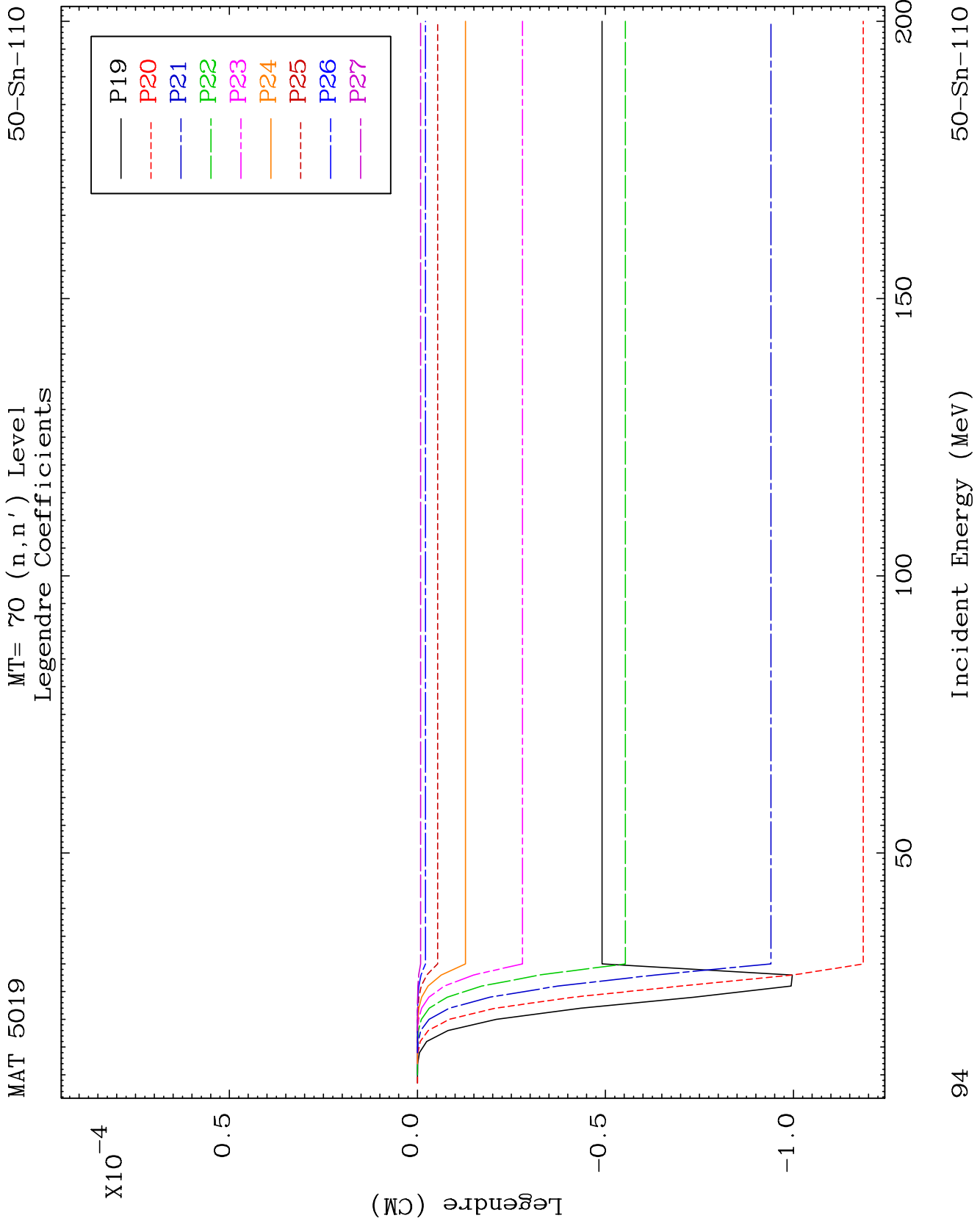
50-Sn-110

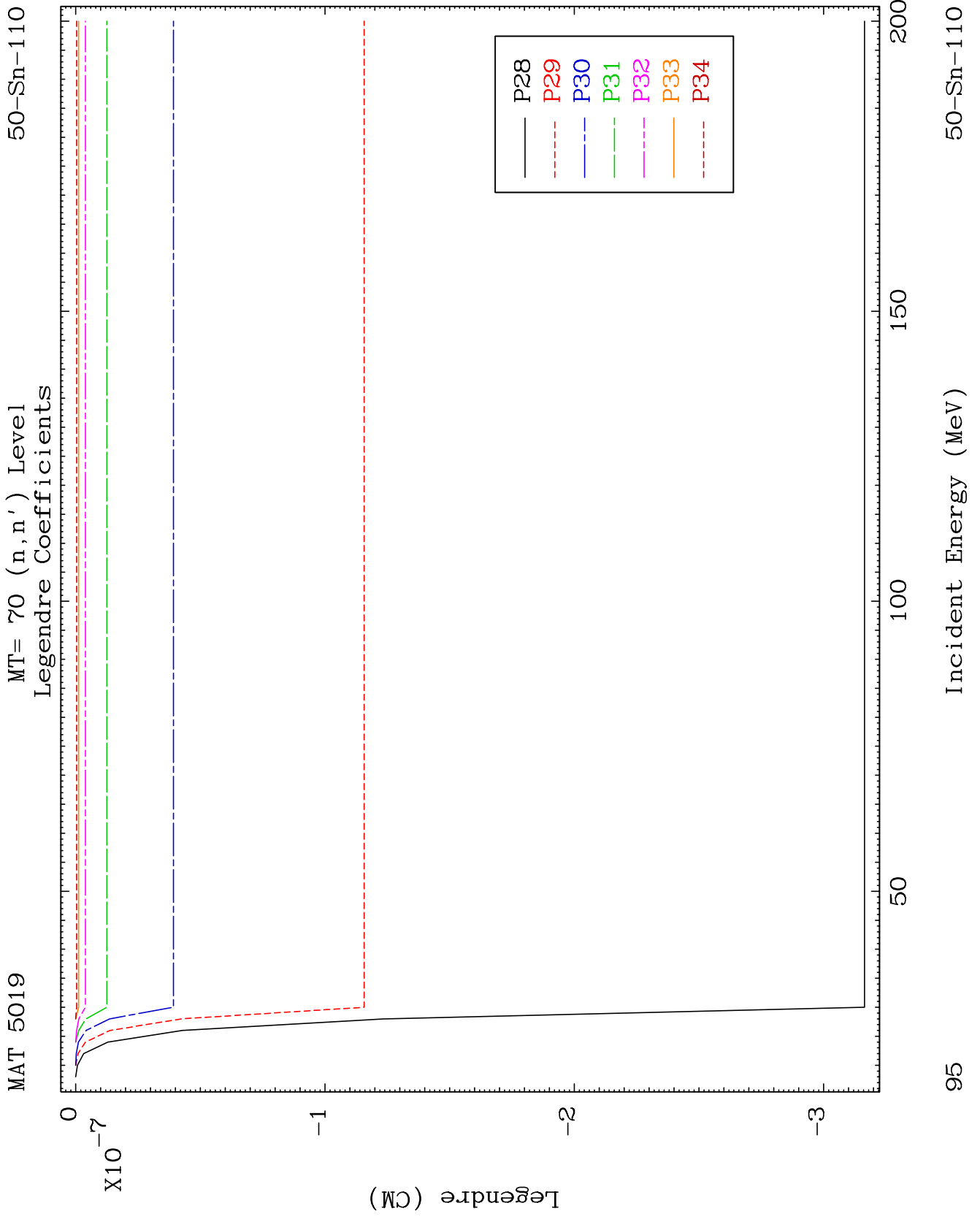


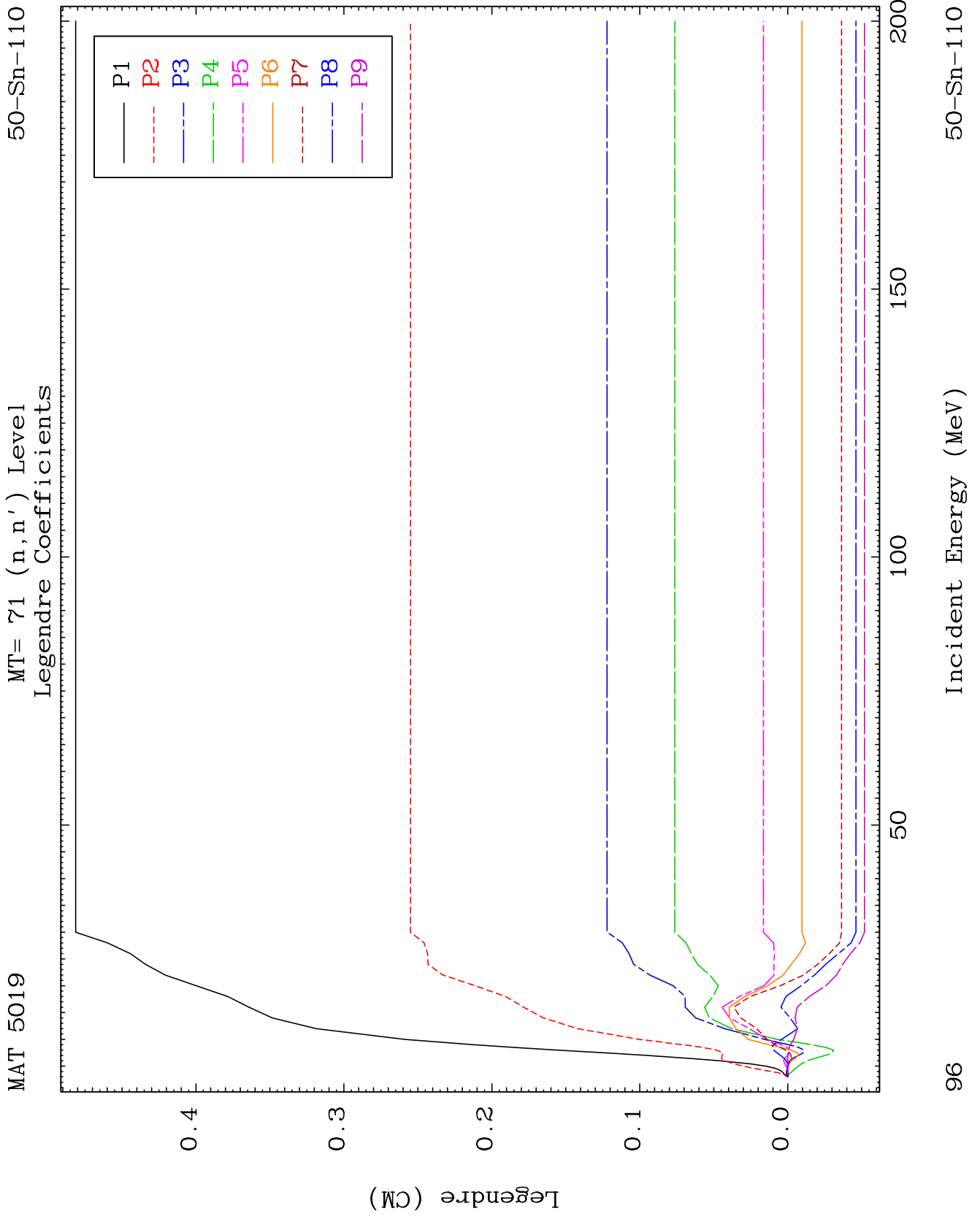
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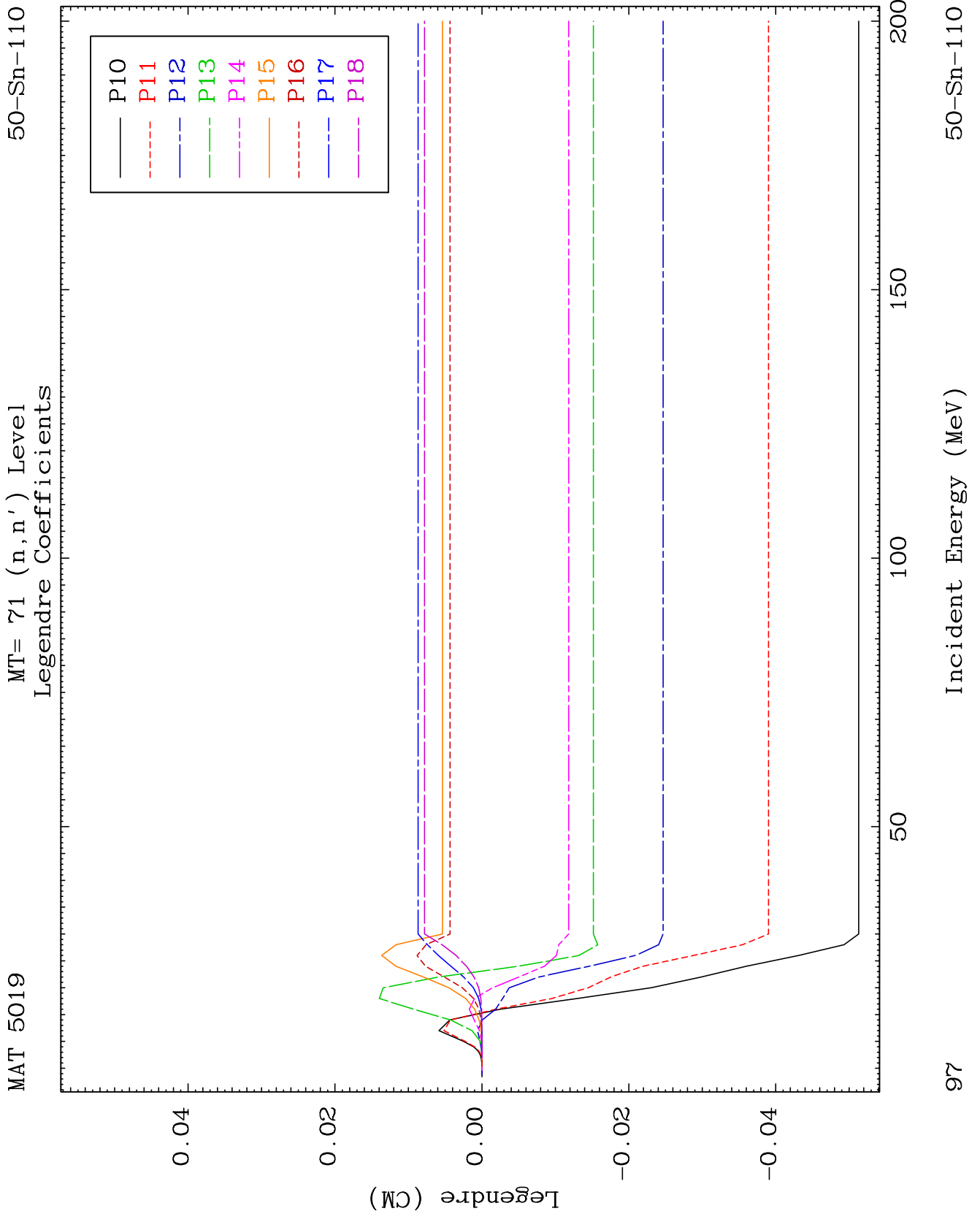
Incident Energy (MeV)

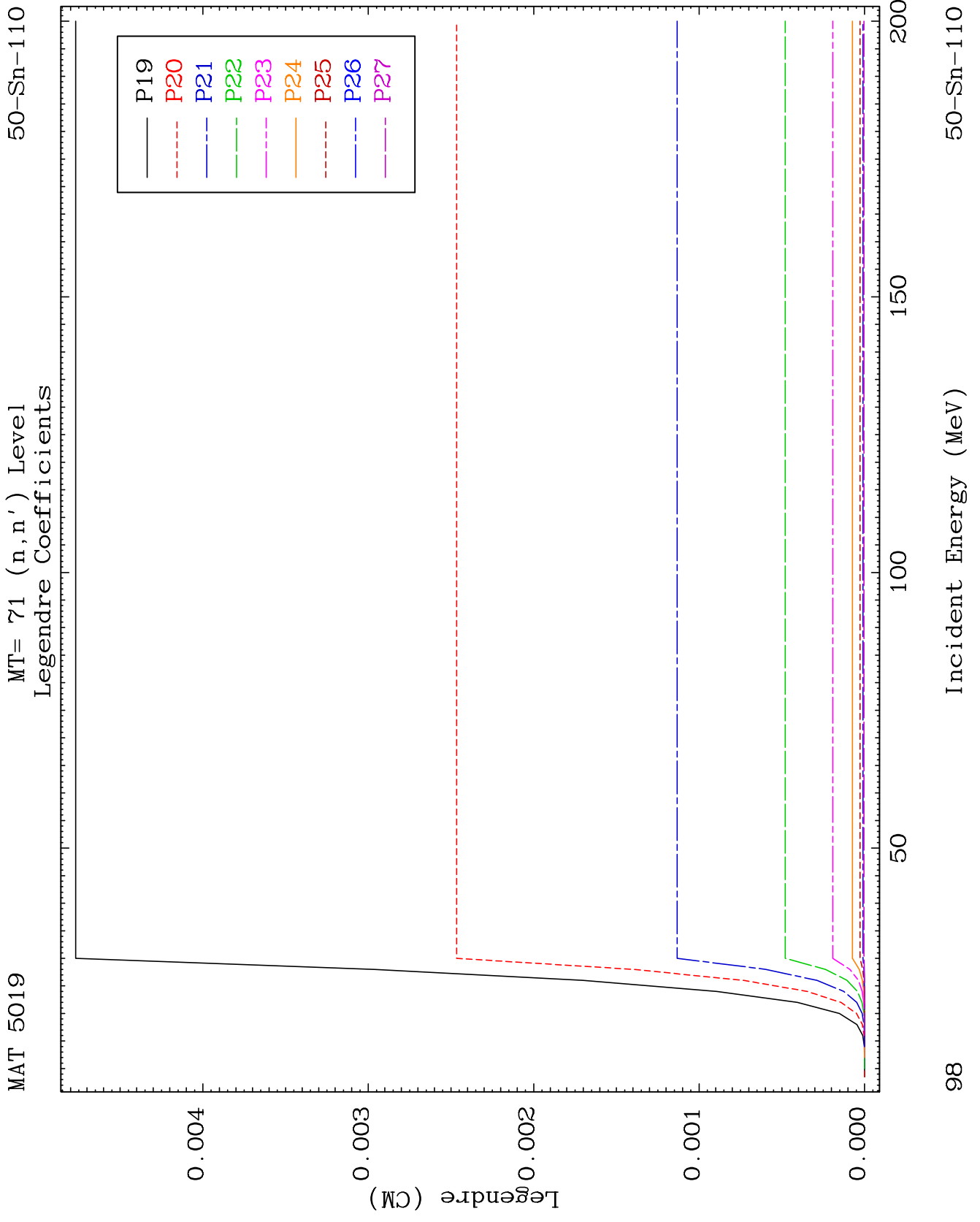
50-Sn-110

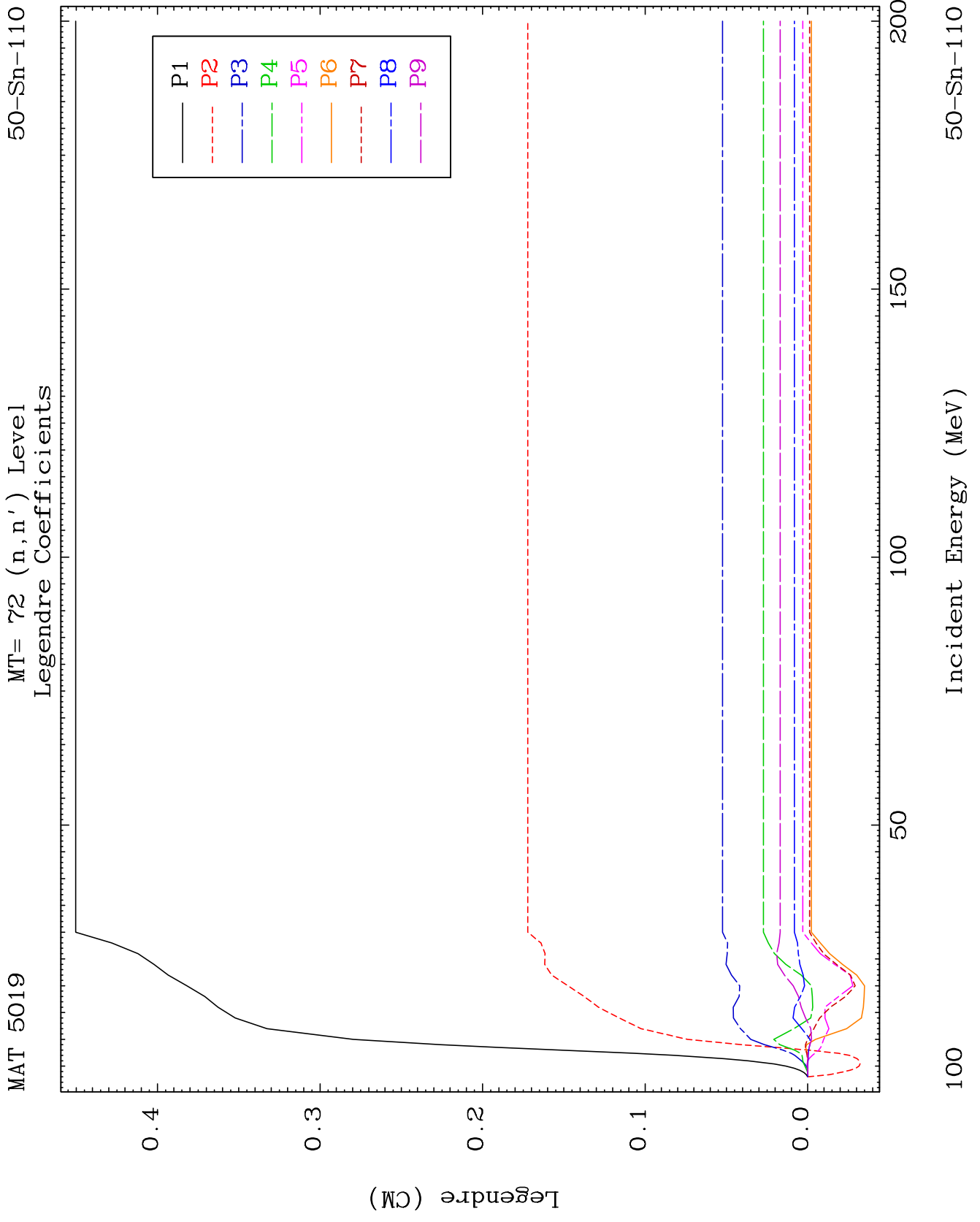


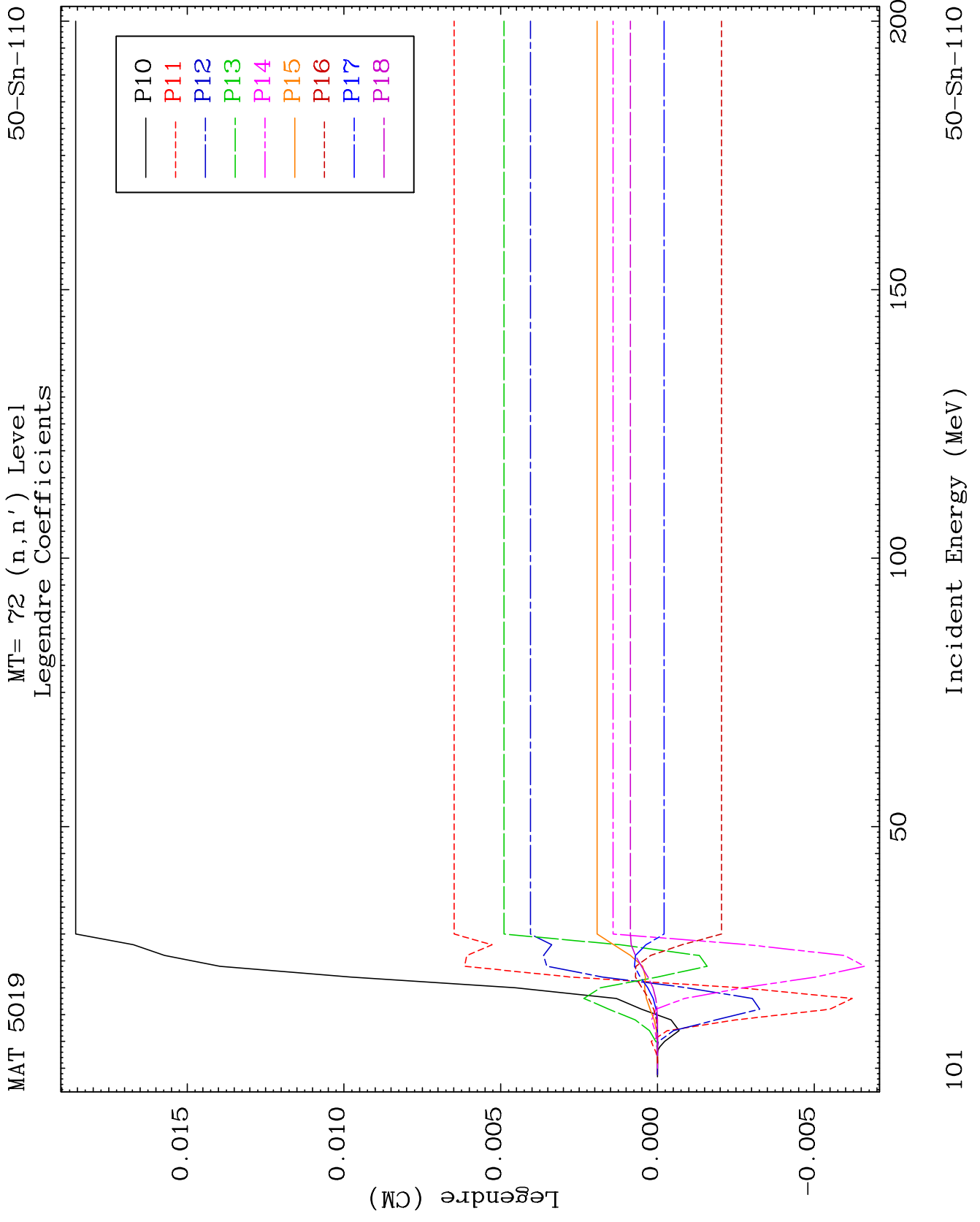








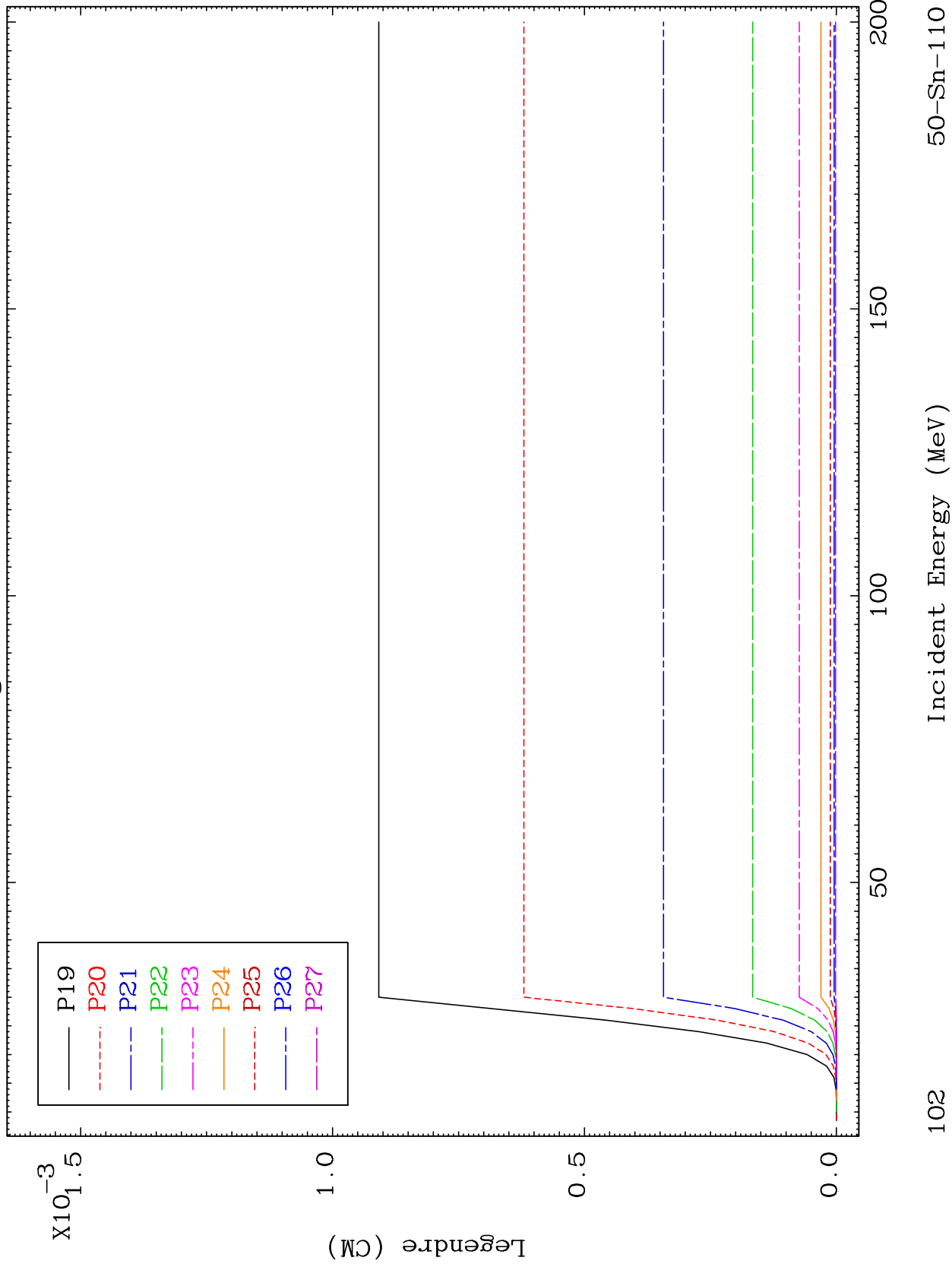




MAT 5019

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

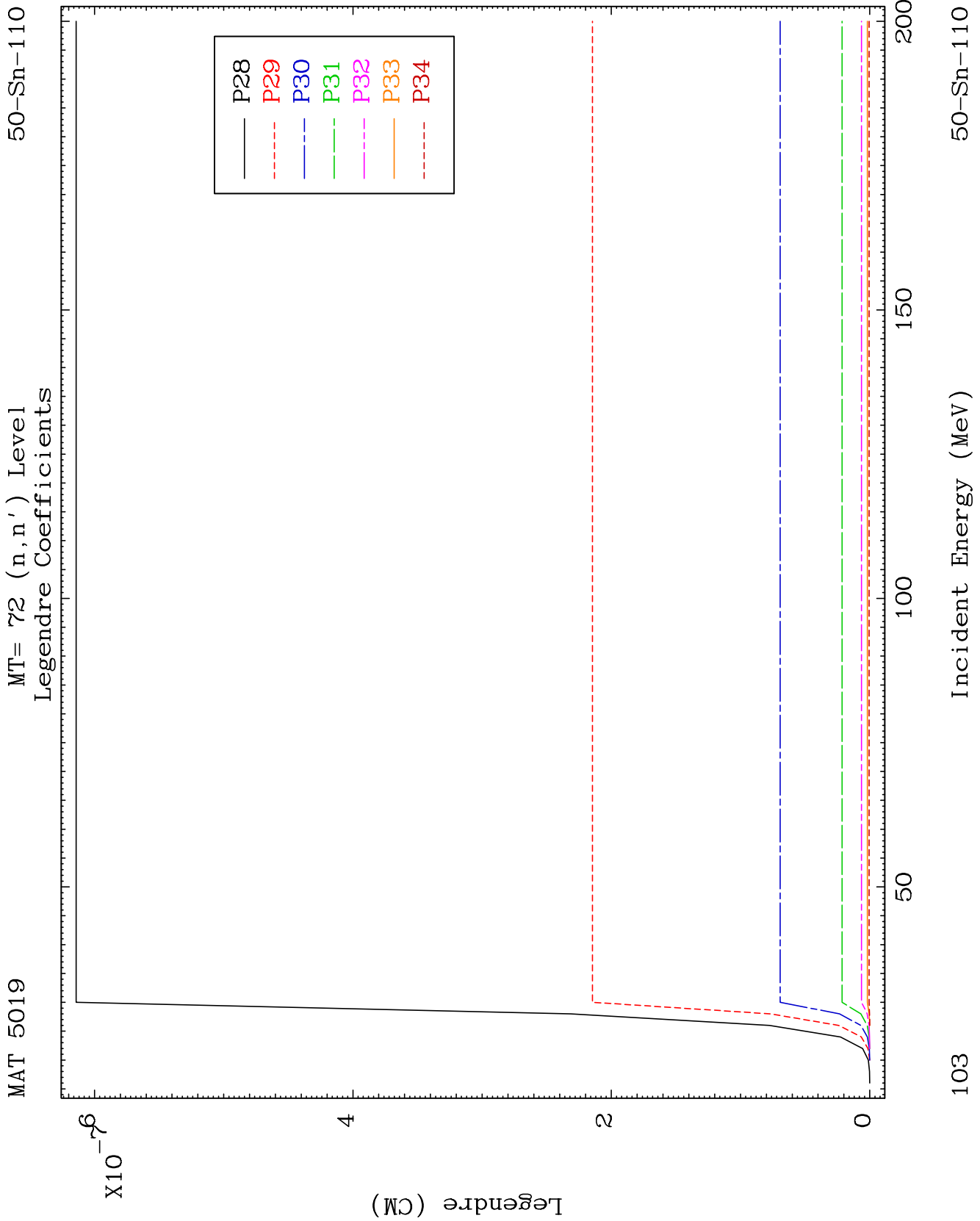
50-Sn-110

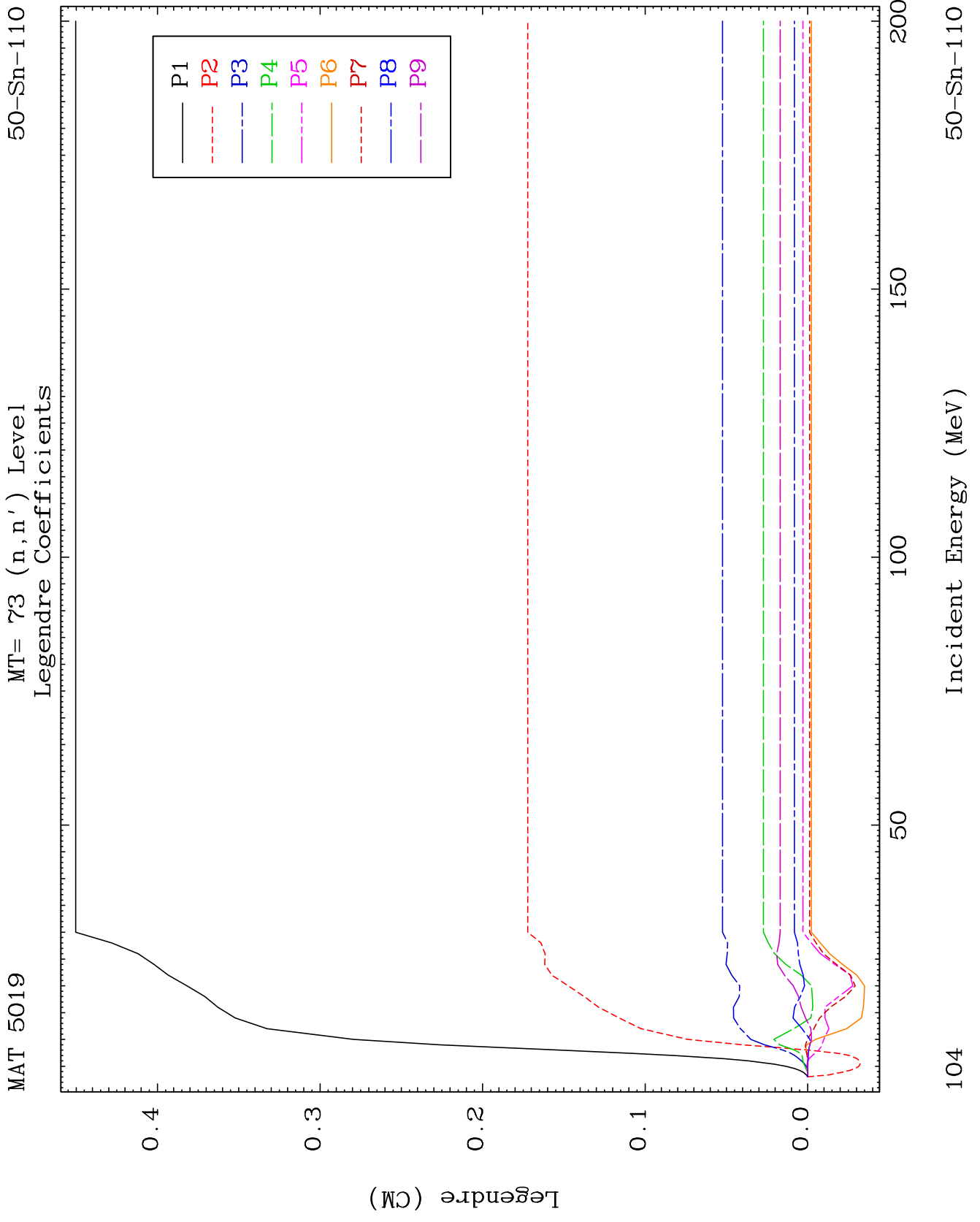


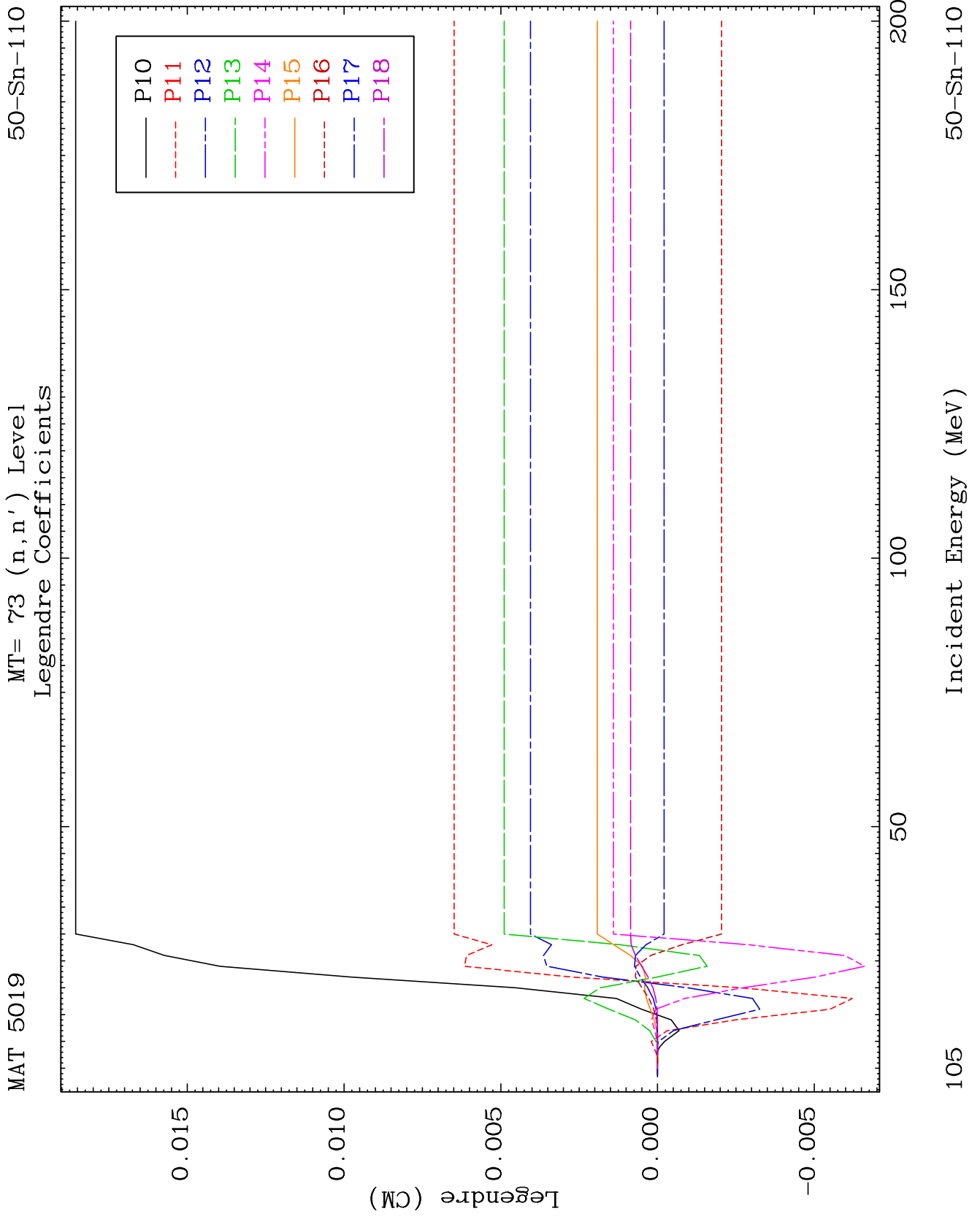
102

Incident Energy (MeV)

50-Sn-110



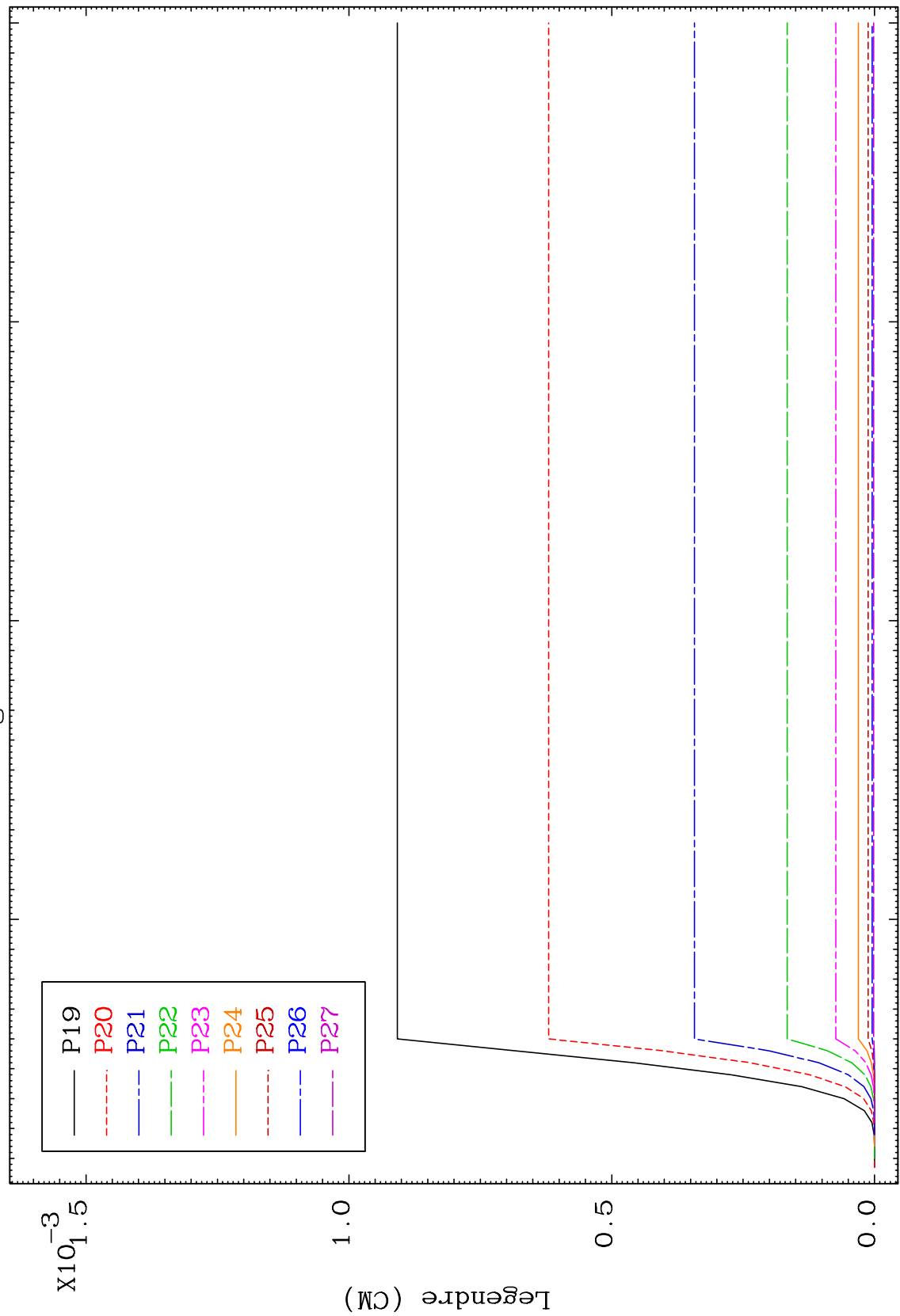
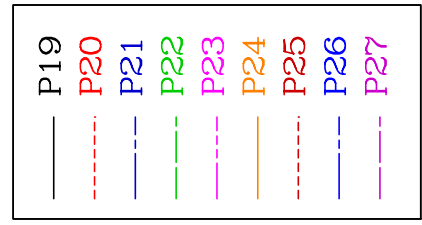




MAT 5019

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

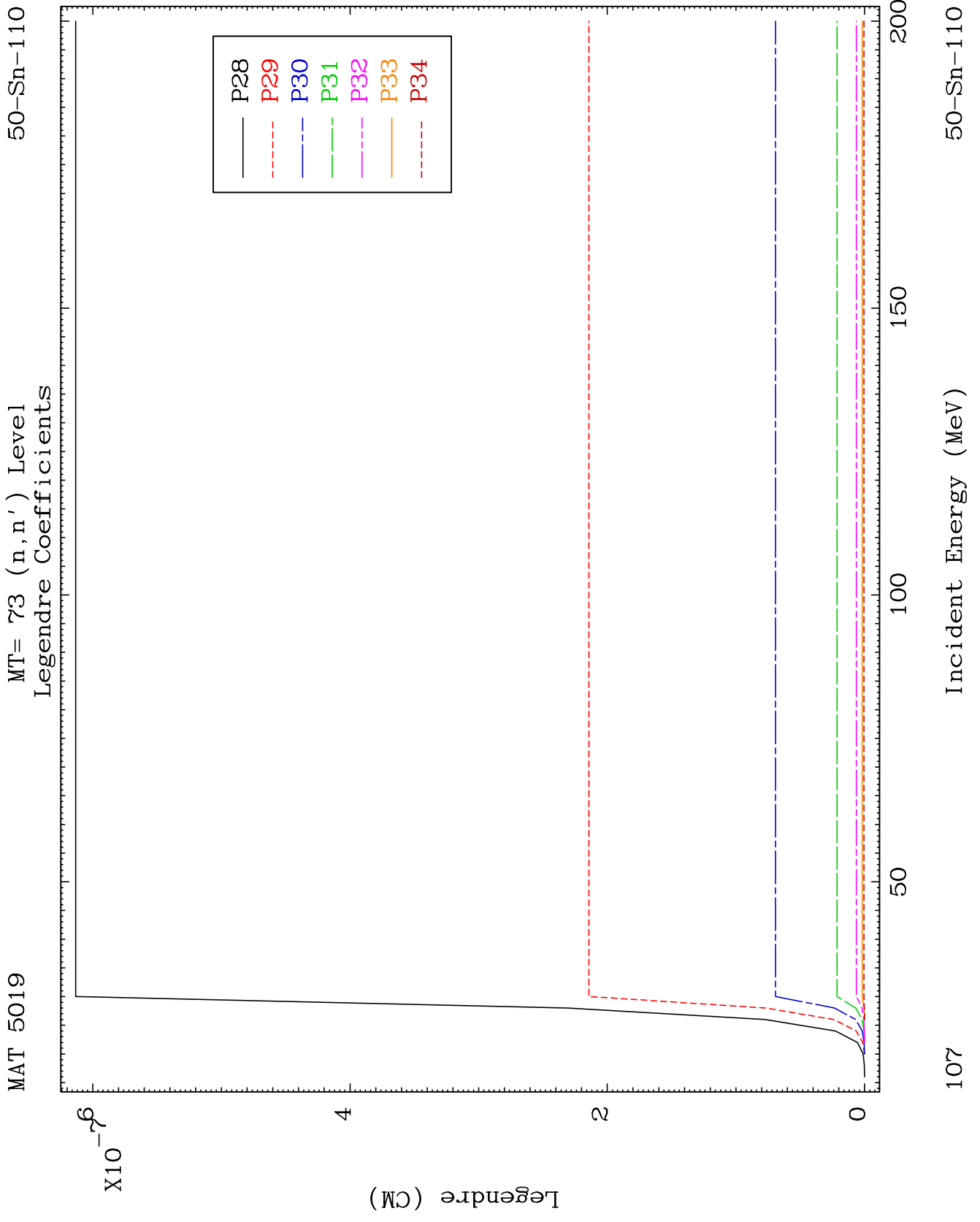
50-Sn-110

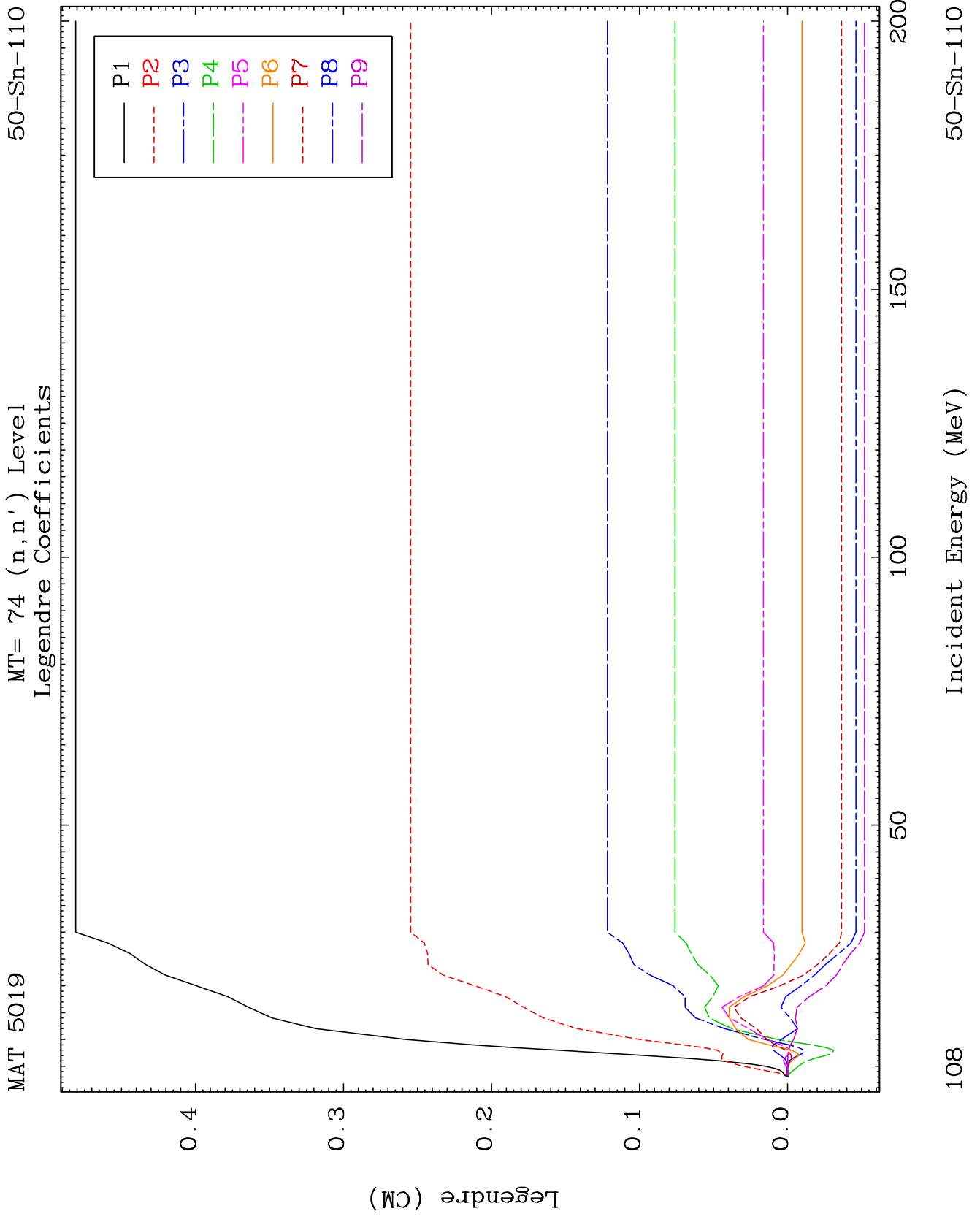


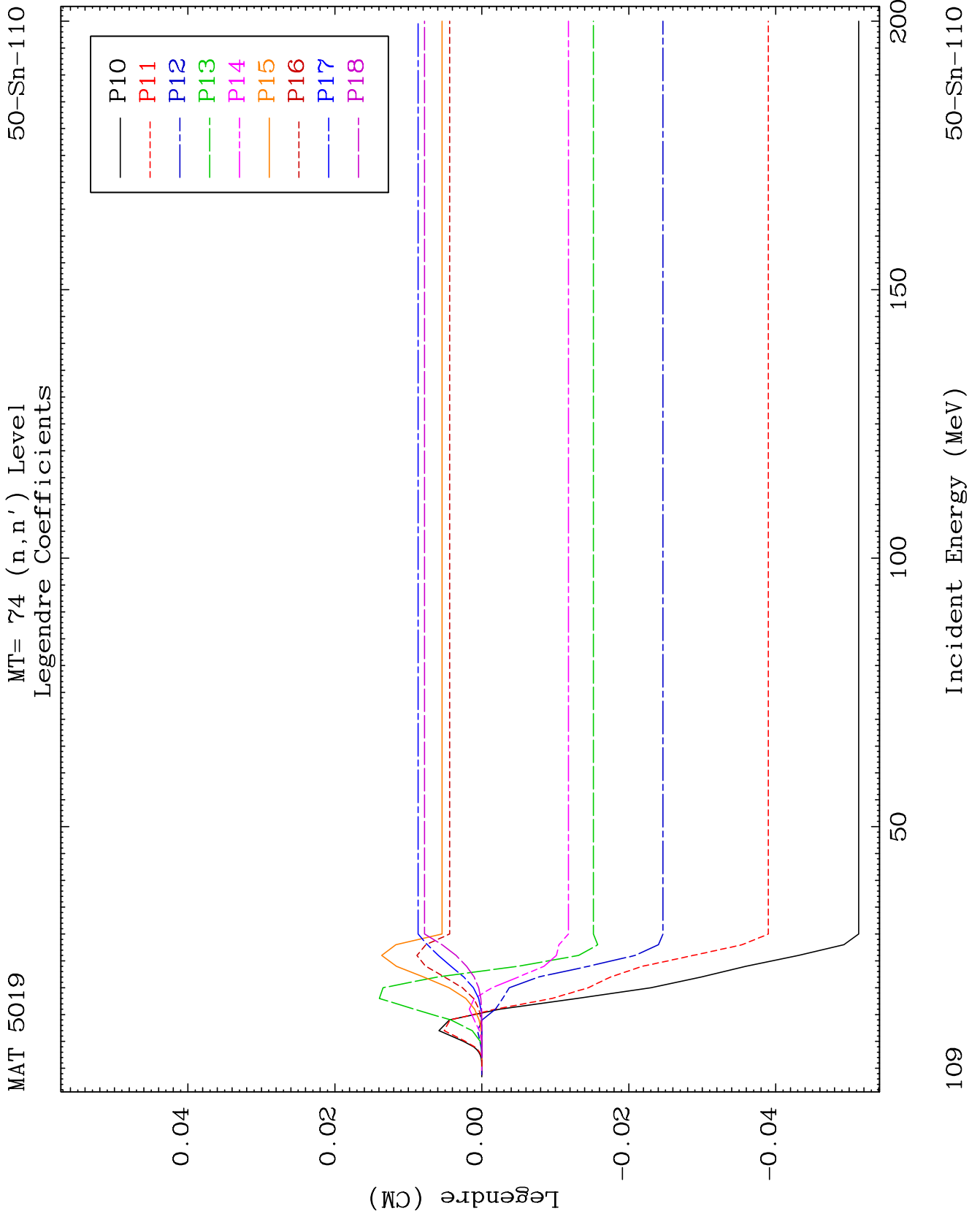
106

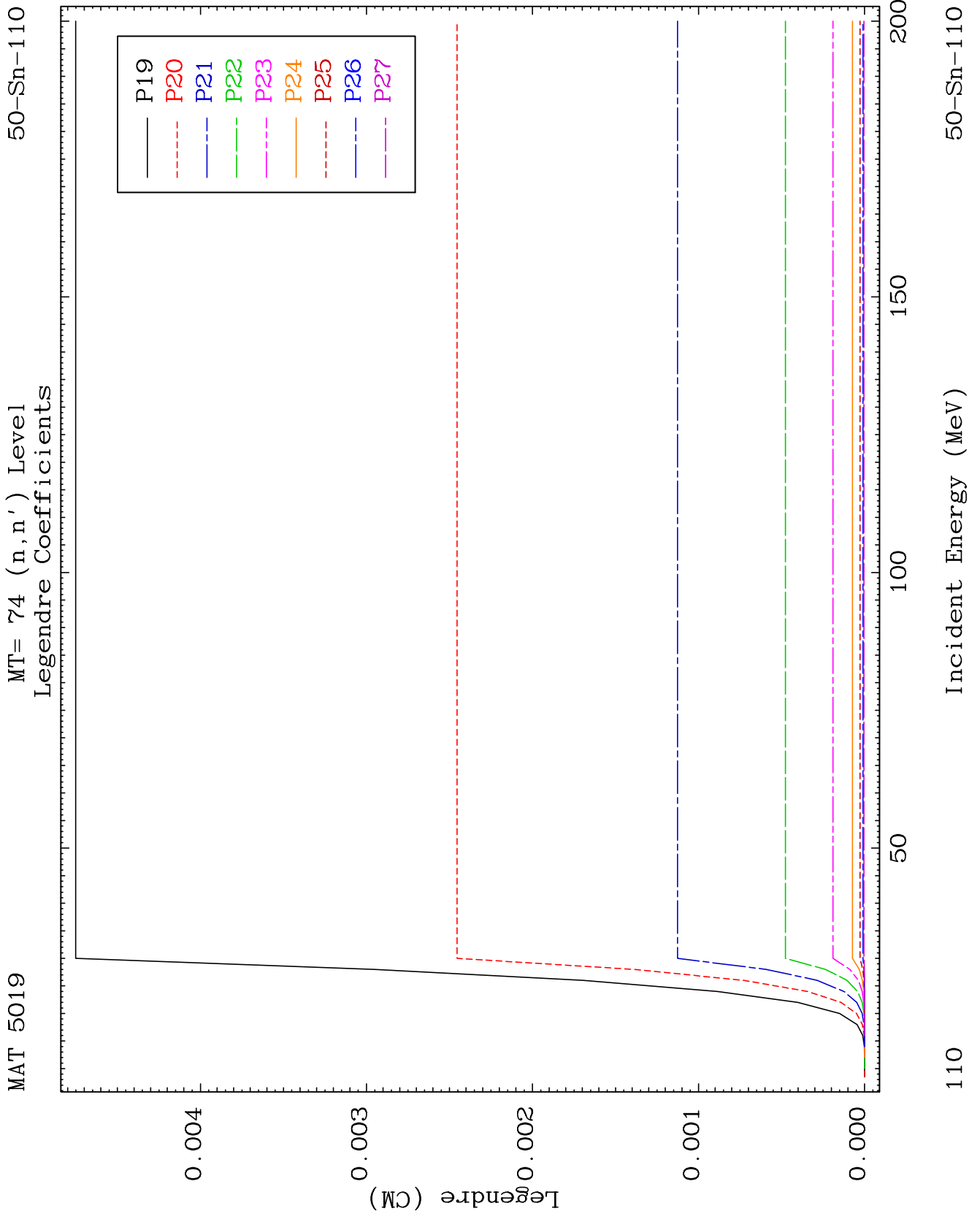
Incident Energy (MeV)

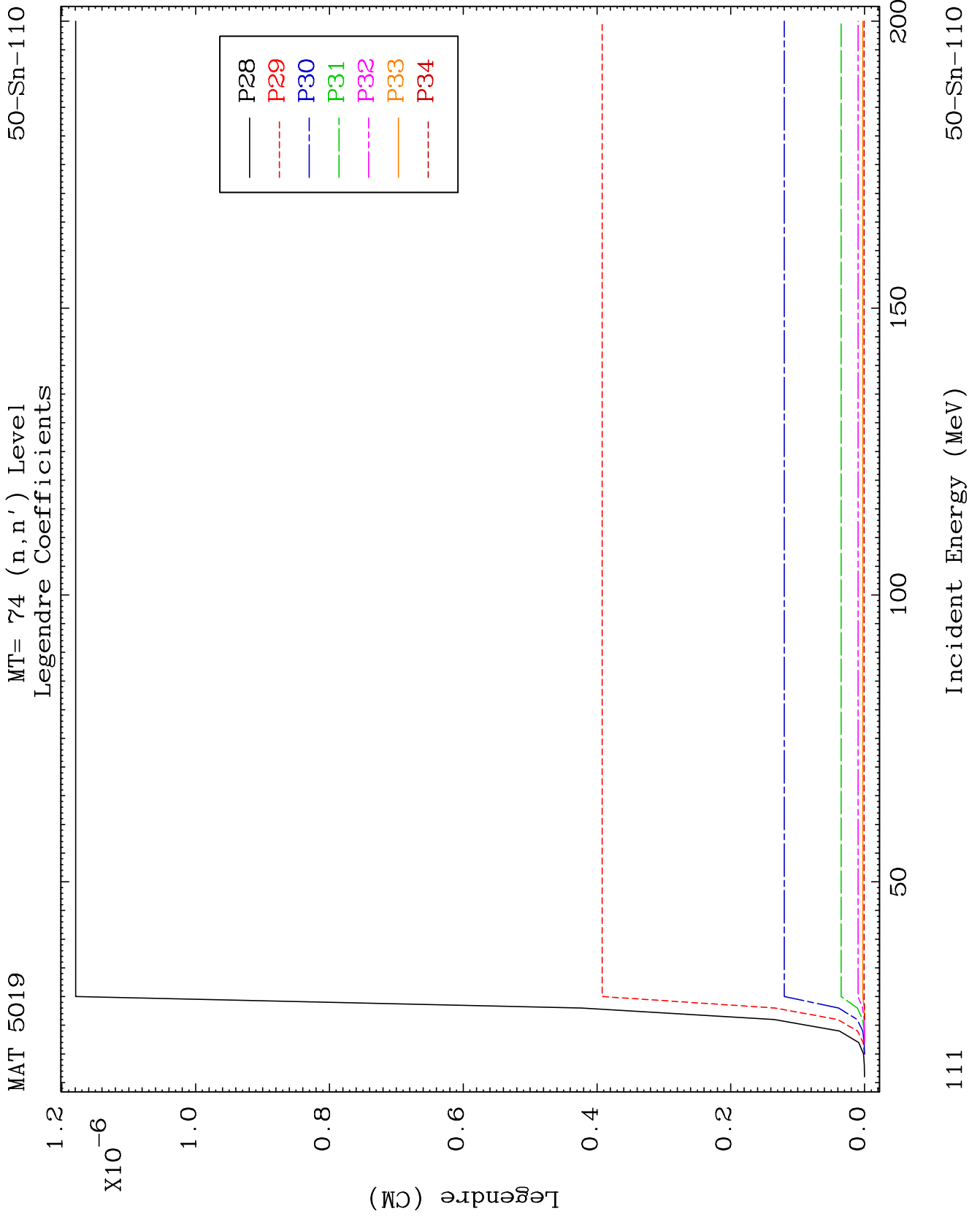
50-Sn-110

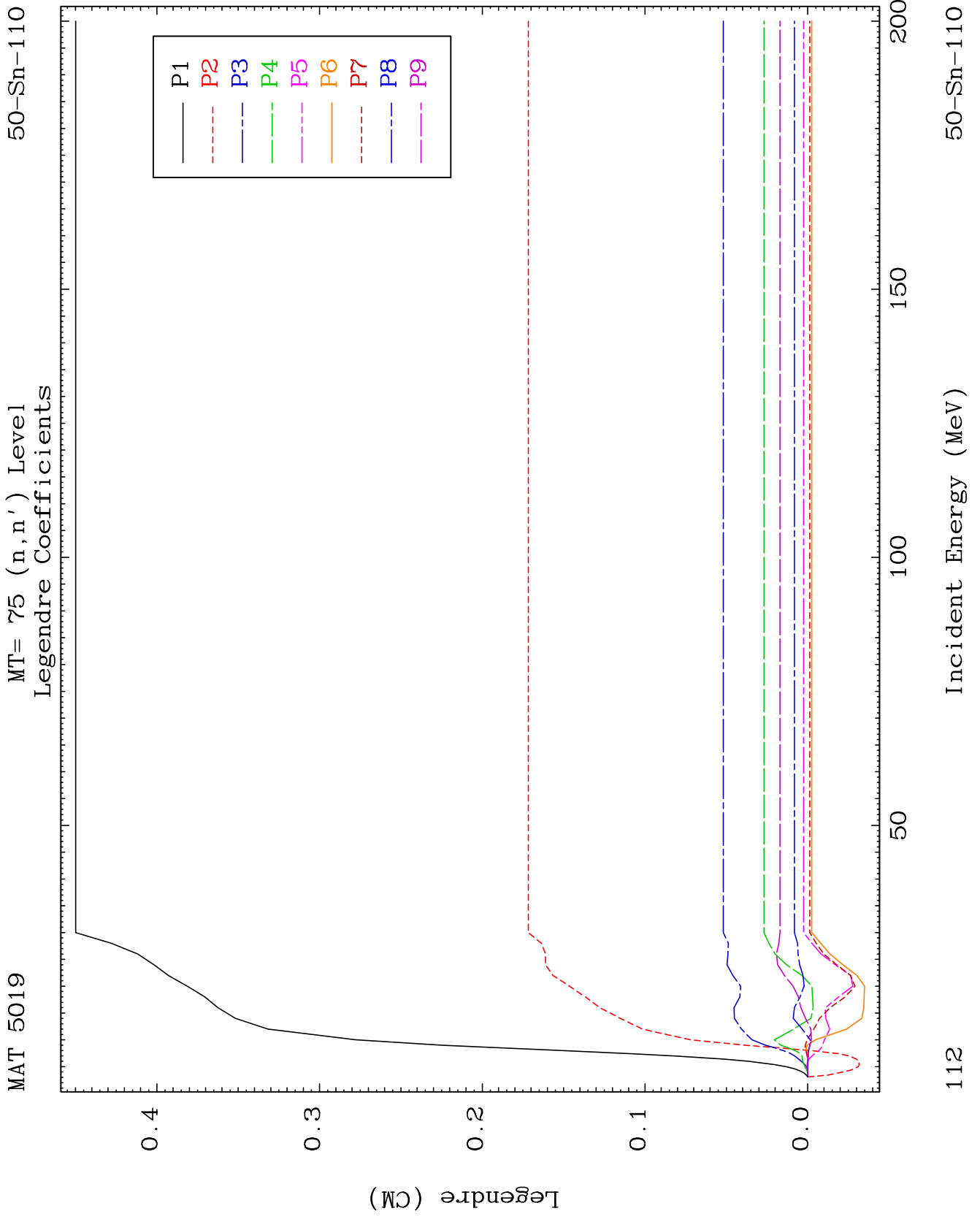








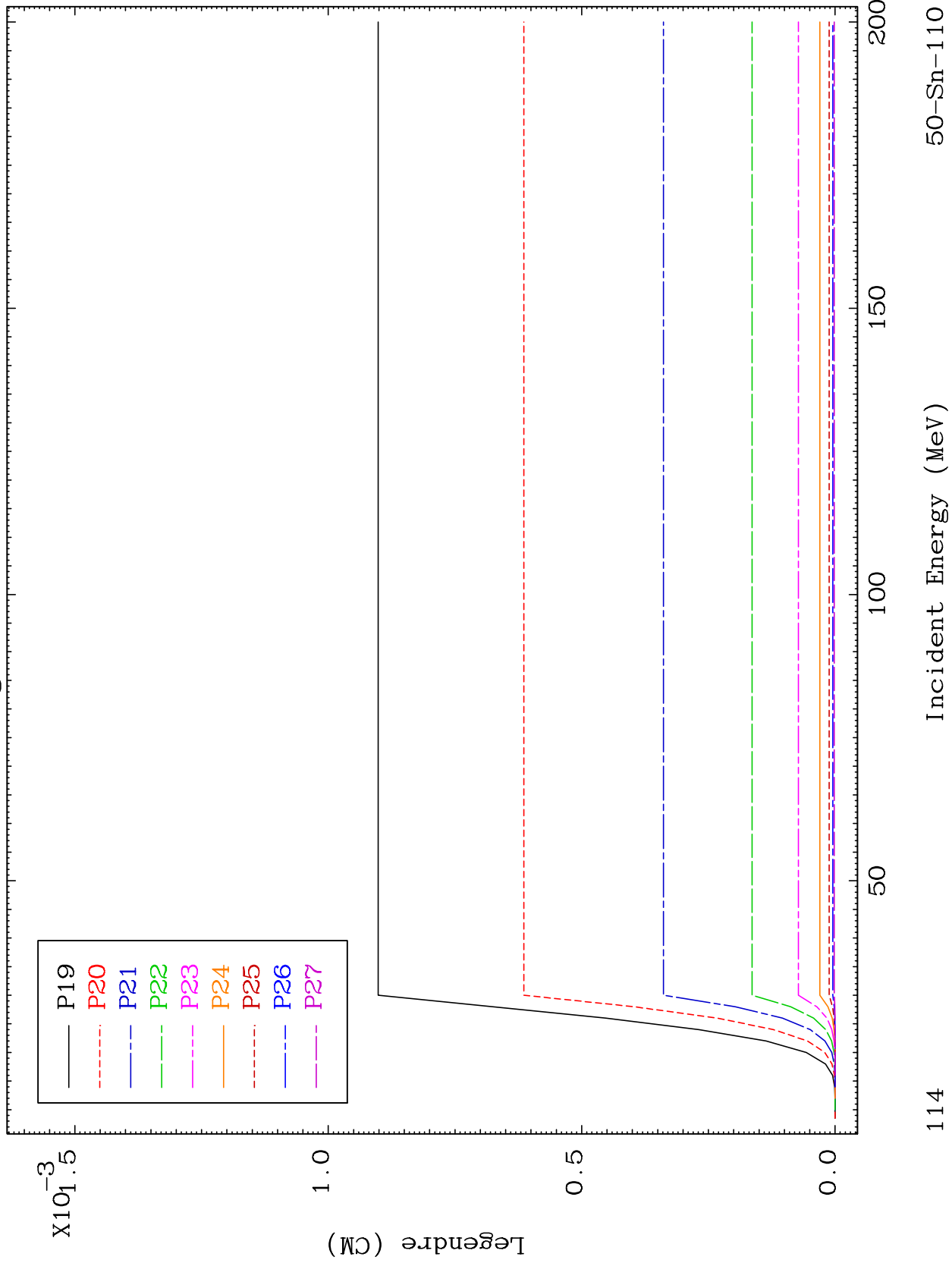




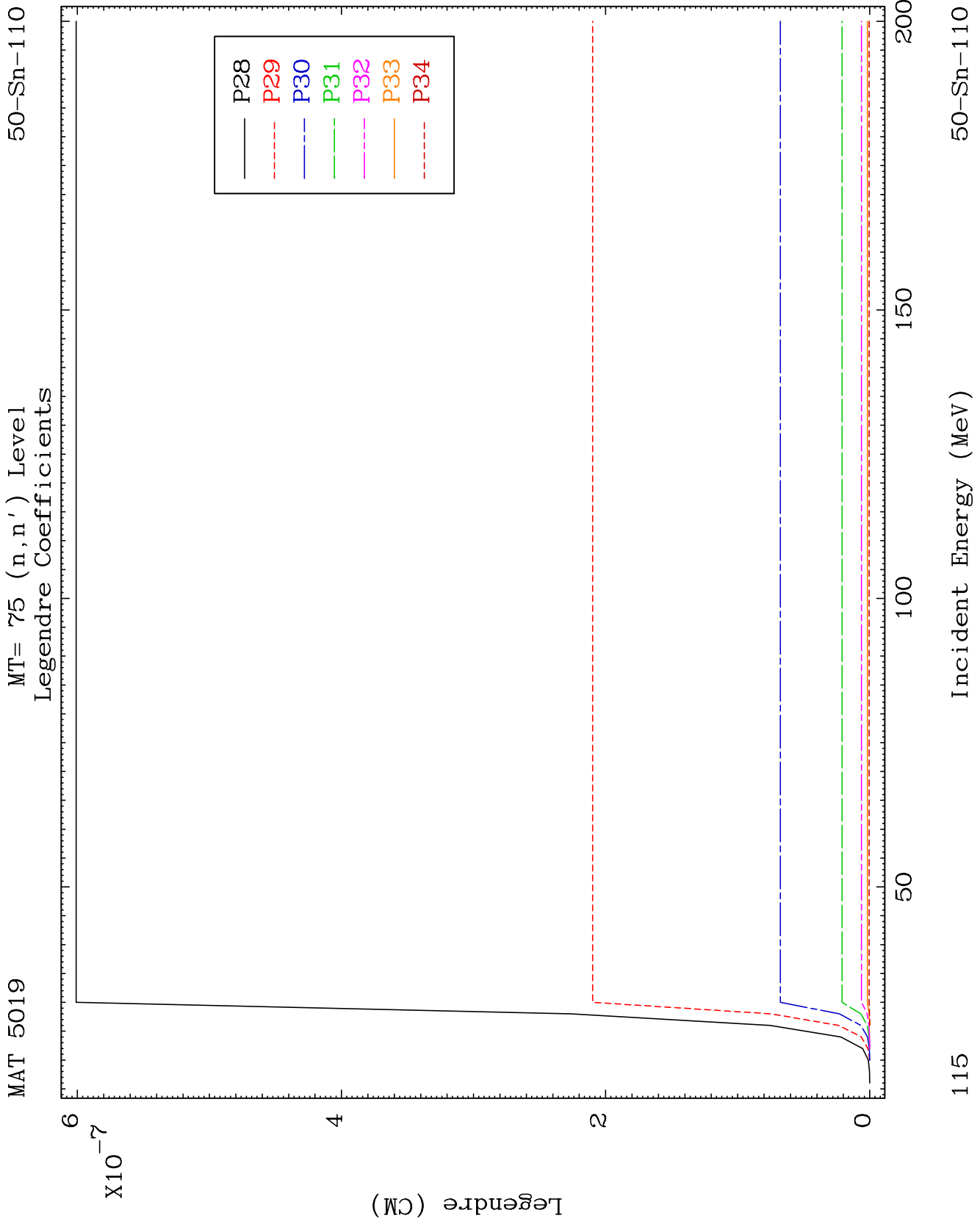
MAT 5019

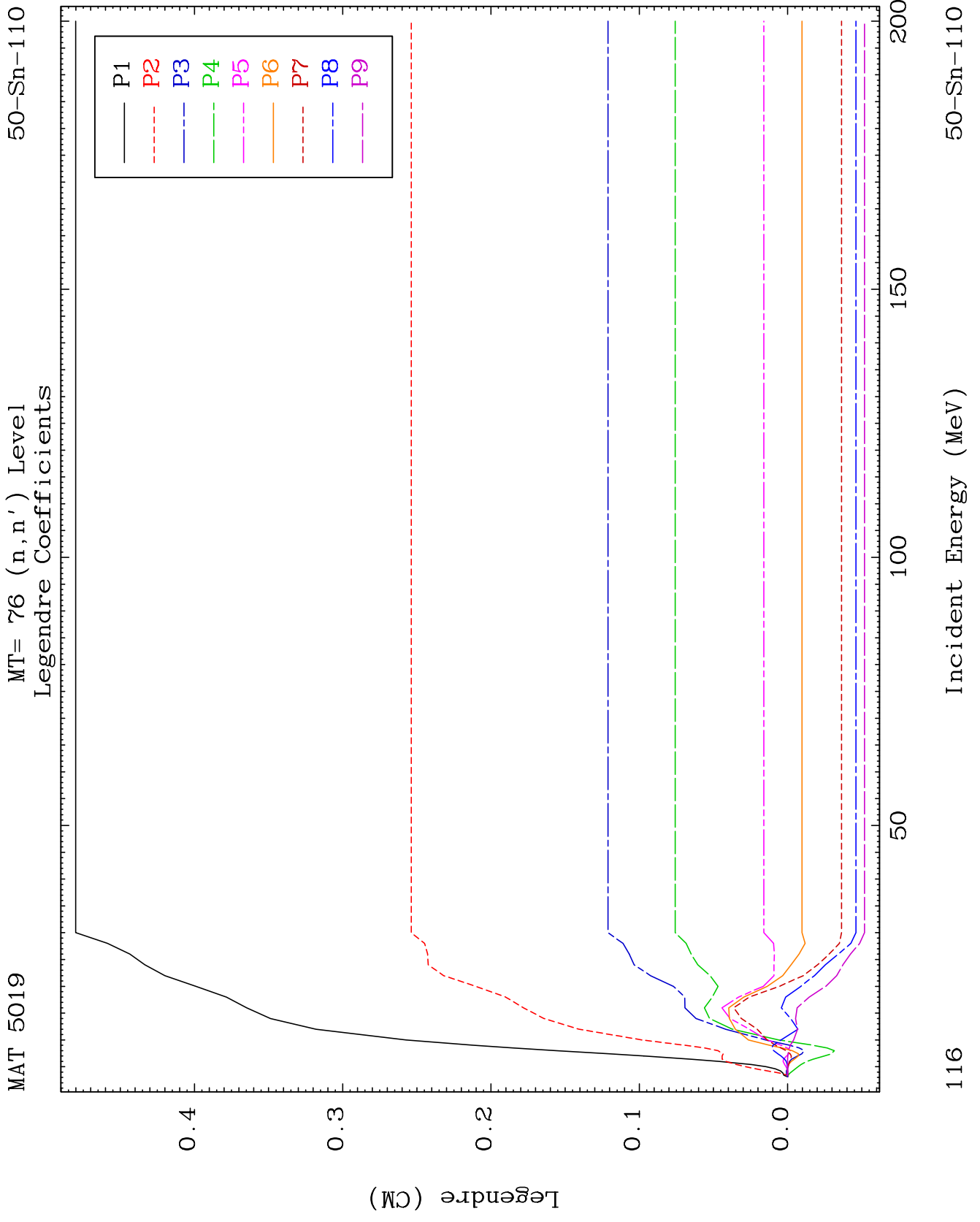
MT= 75 (n,n') Level
Legendre Coefficients

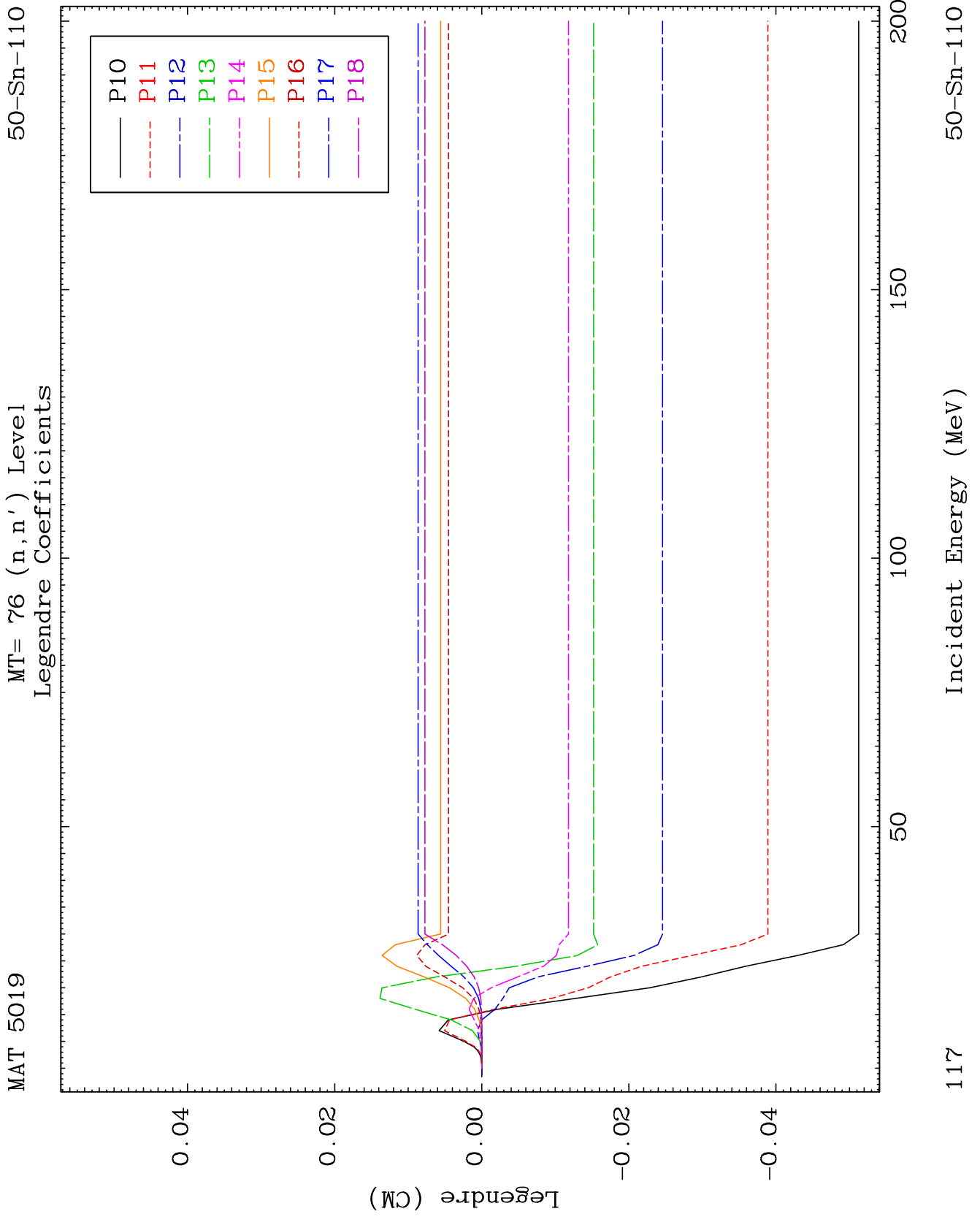
50-Sn-110

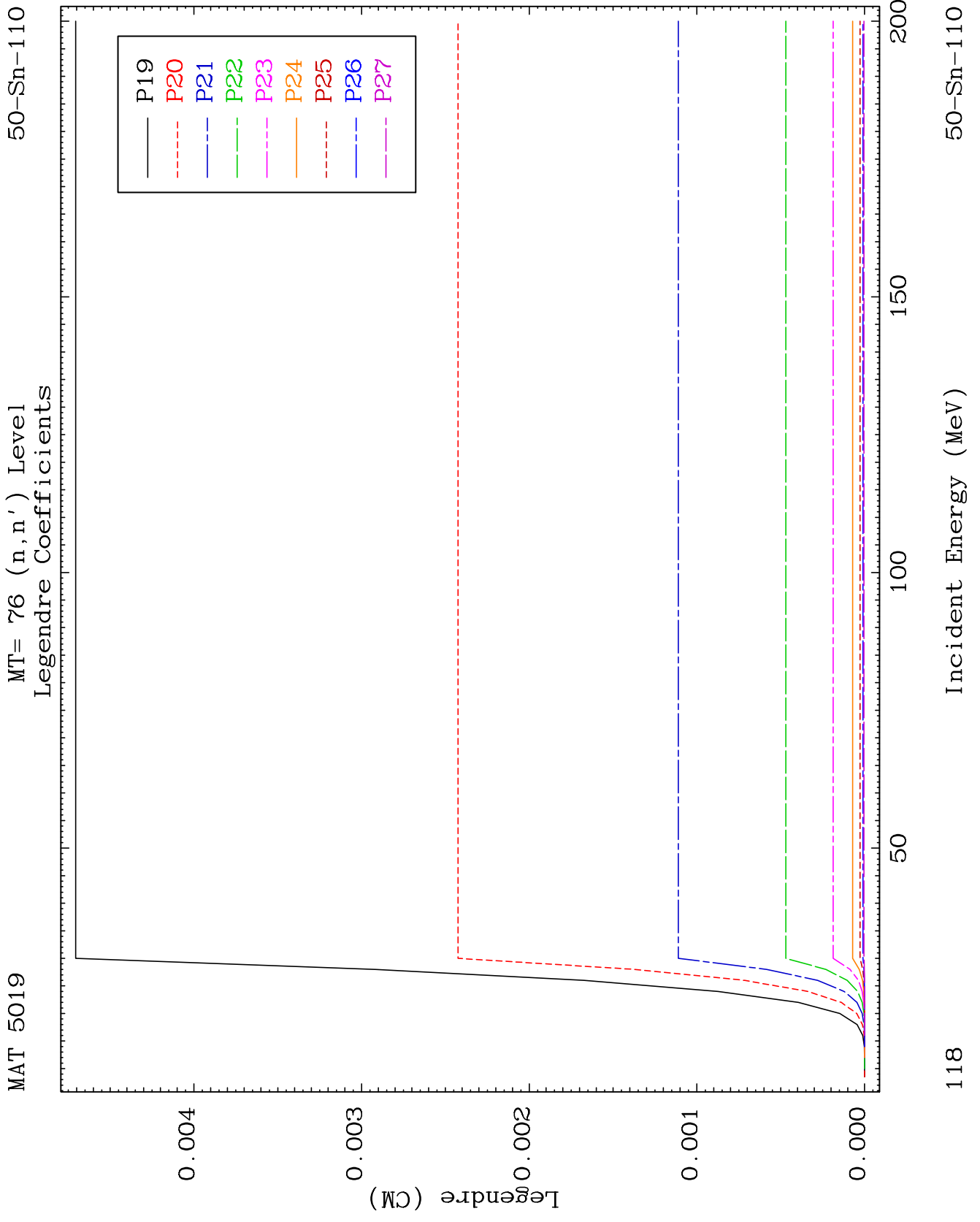


114





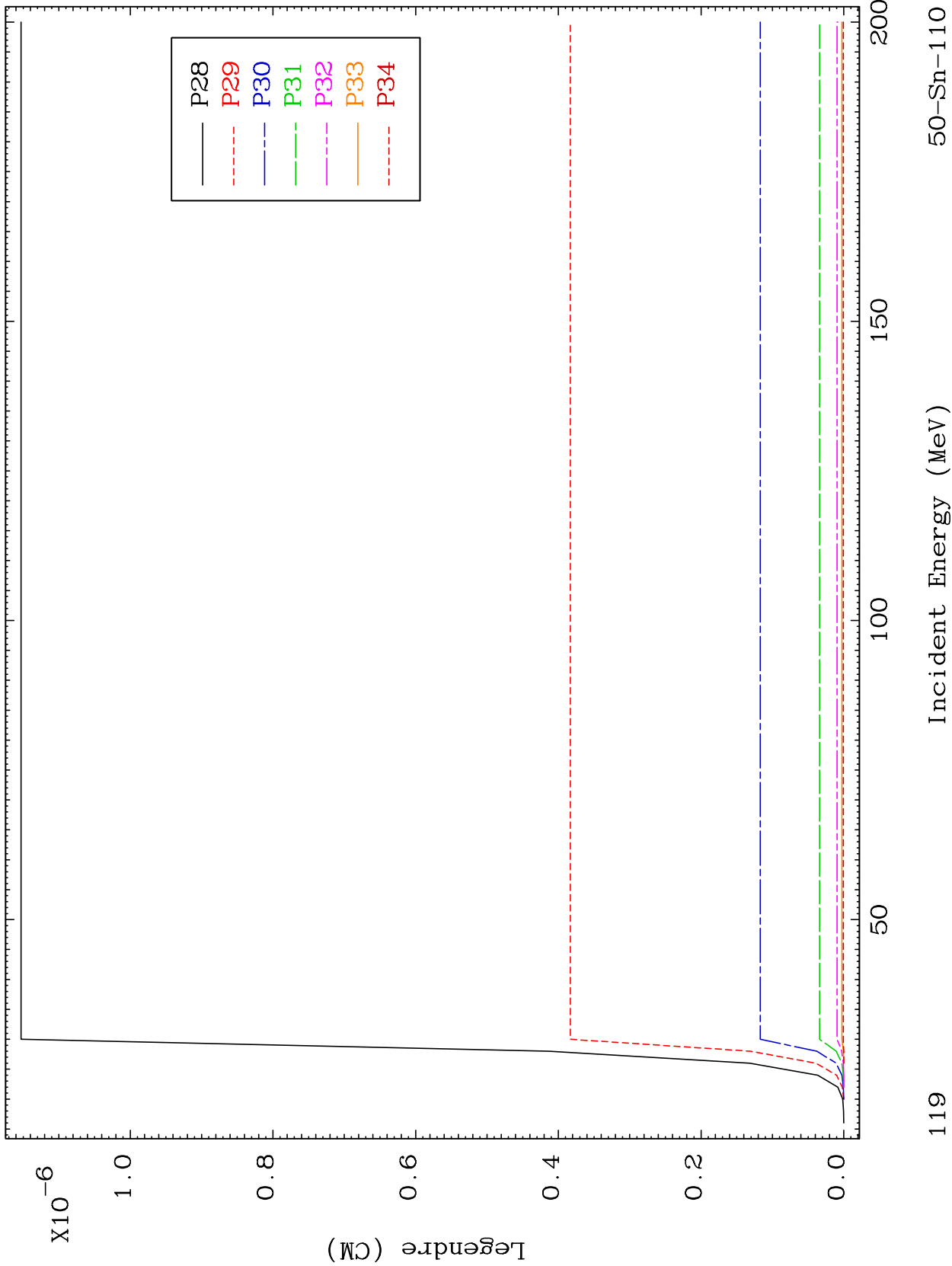




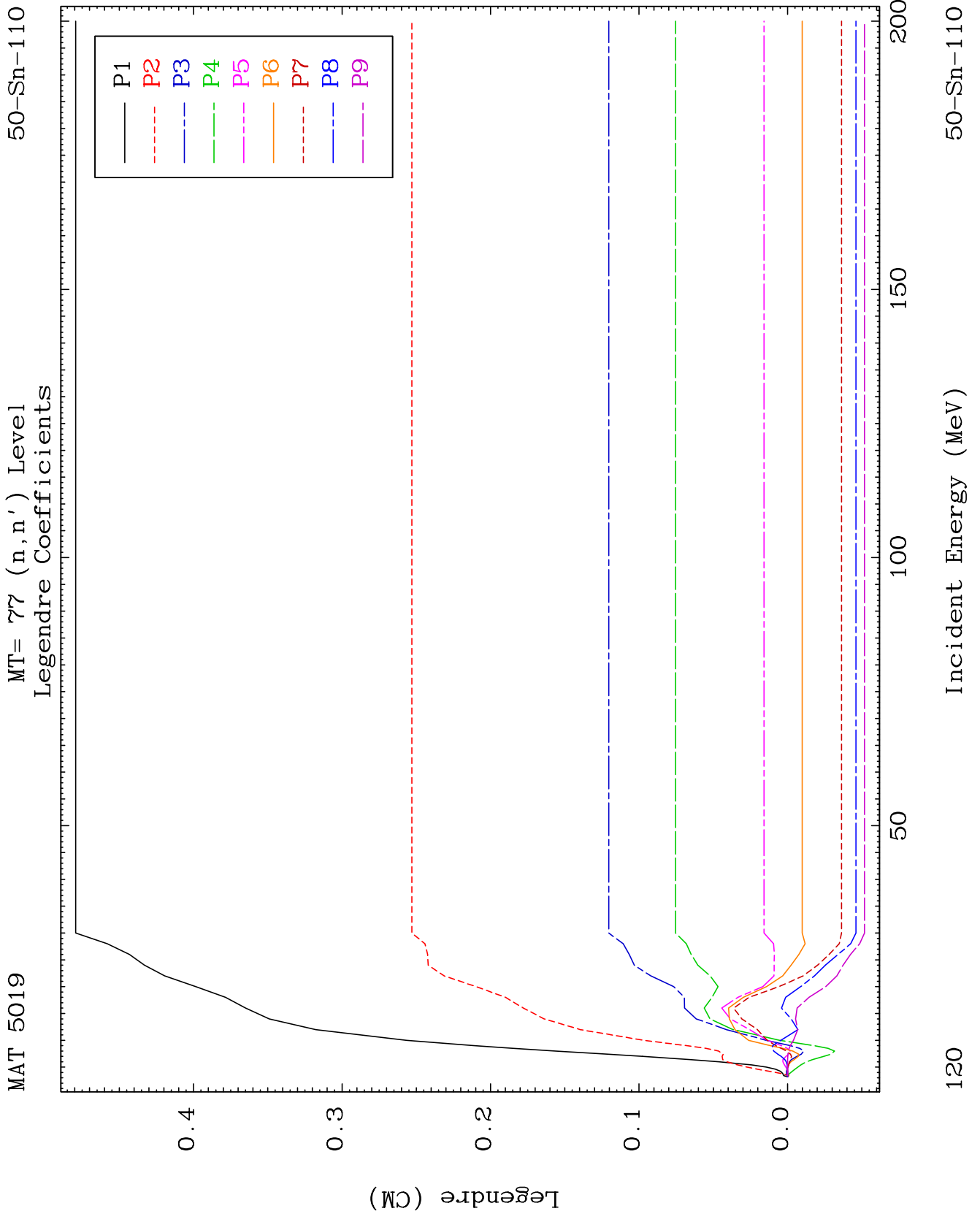
MAT 5019

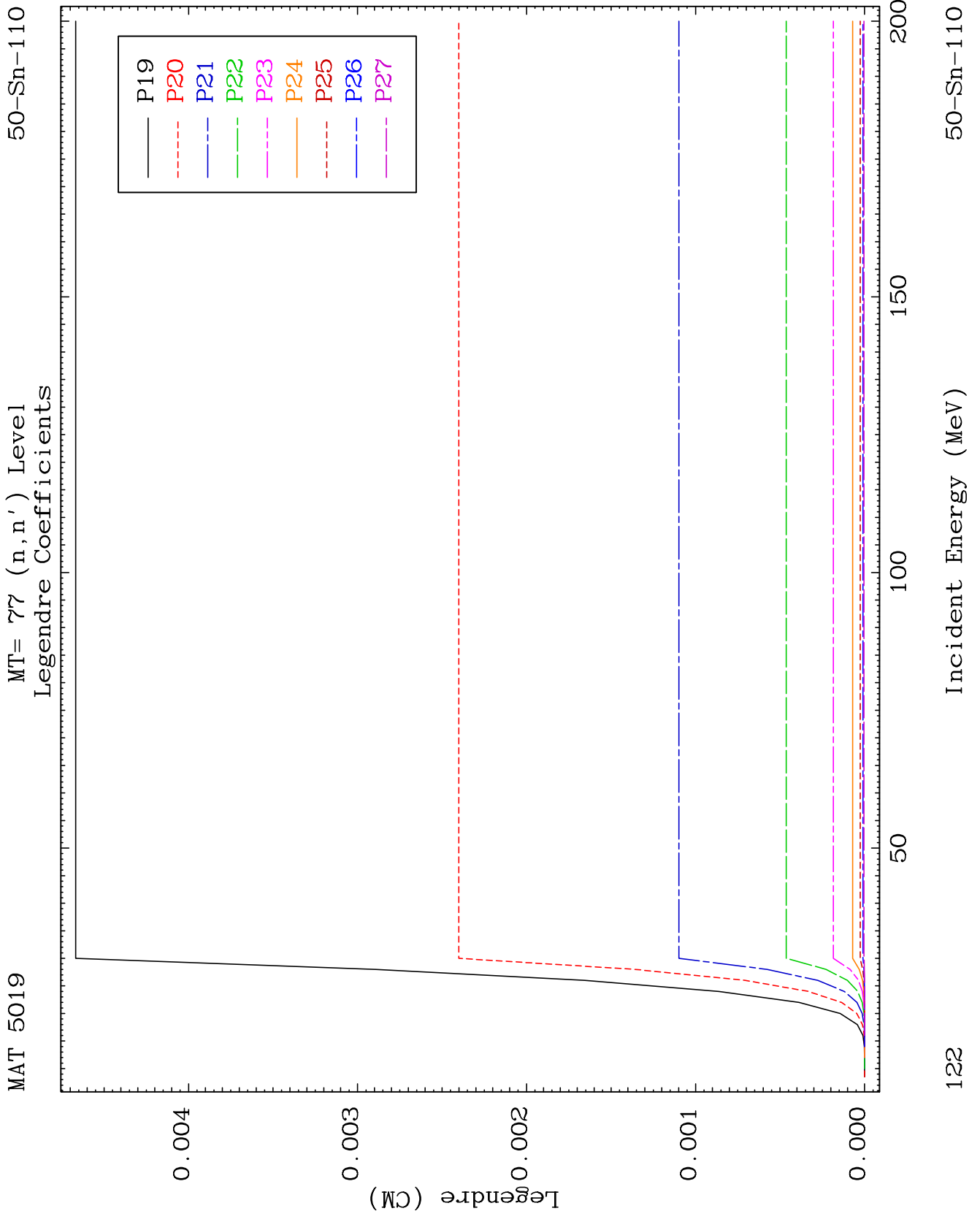
MT= 76 (n,n') Level
Legendre Coefficients

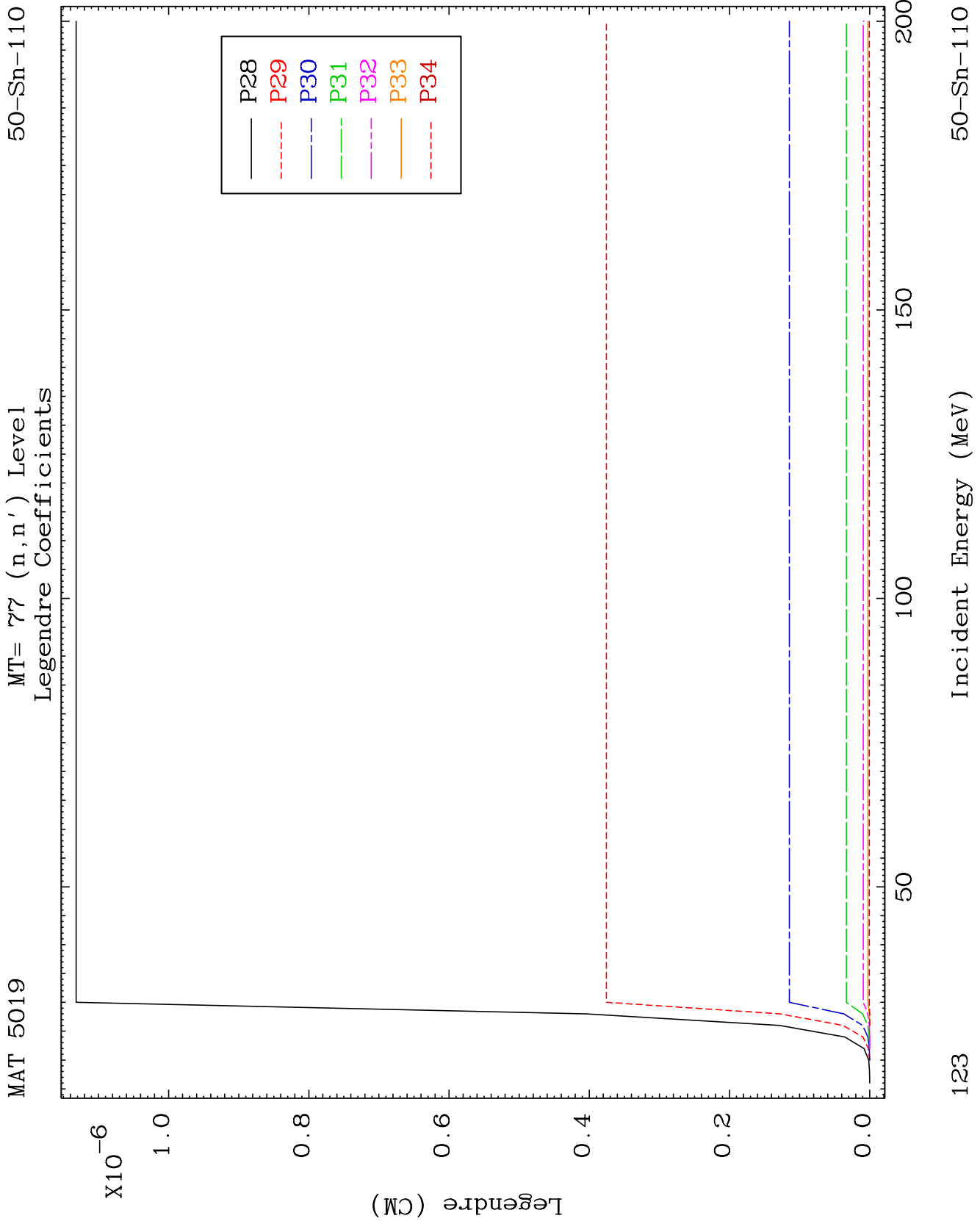
50-Sn-110

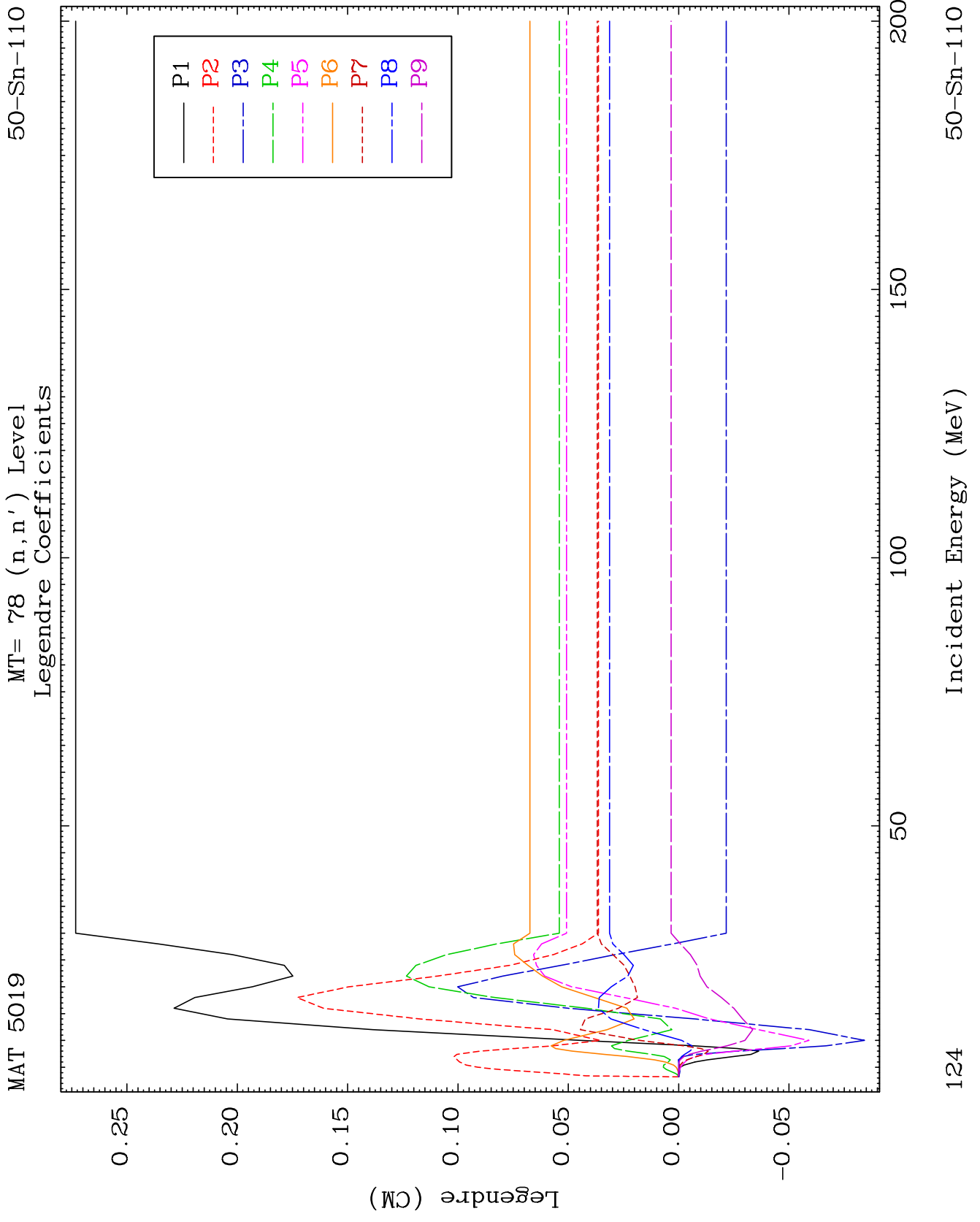


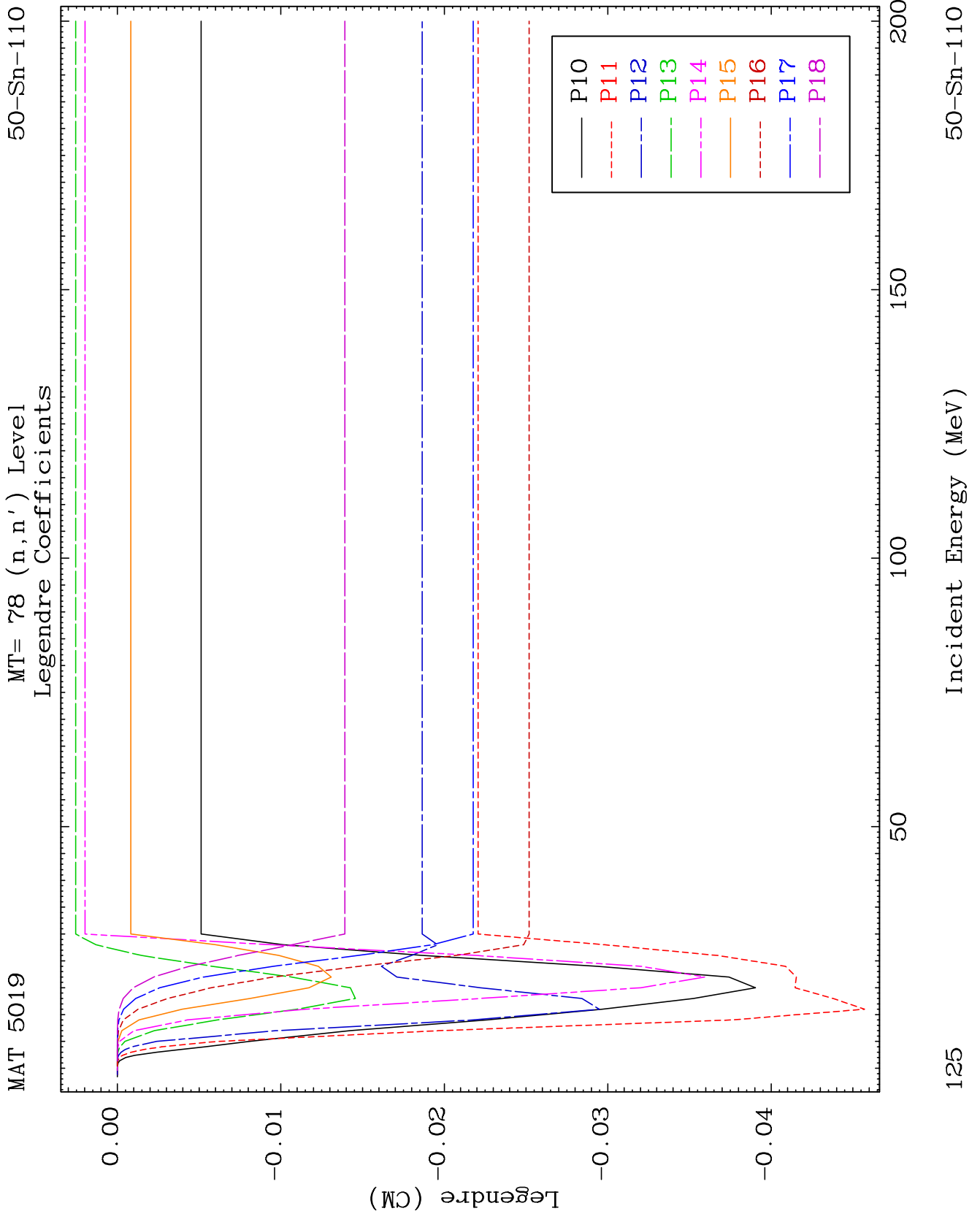
119

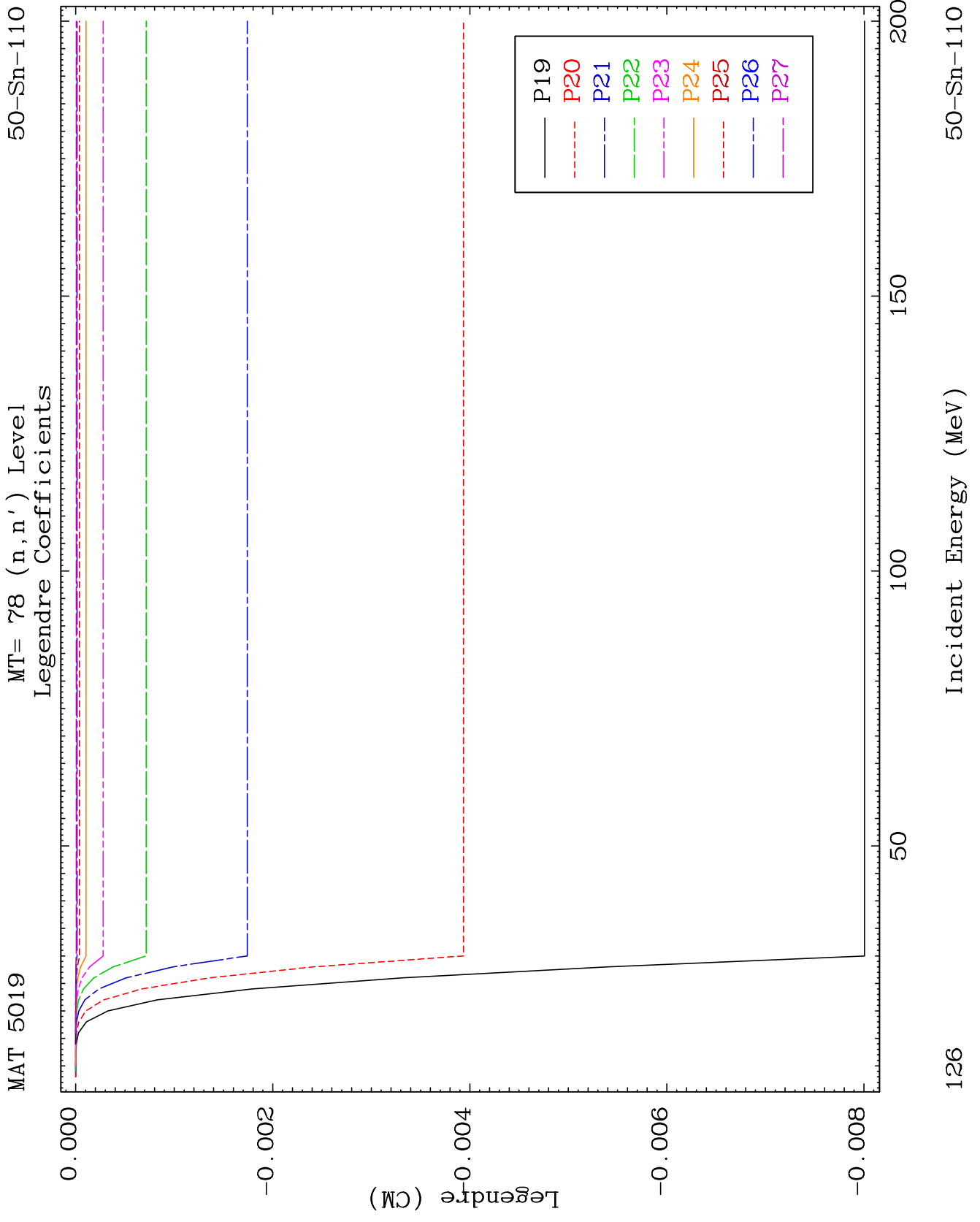


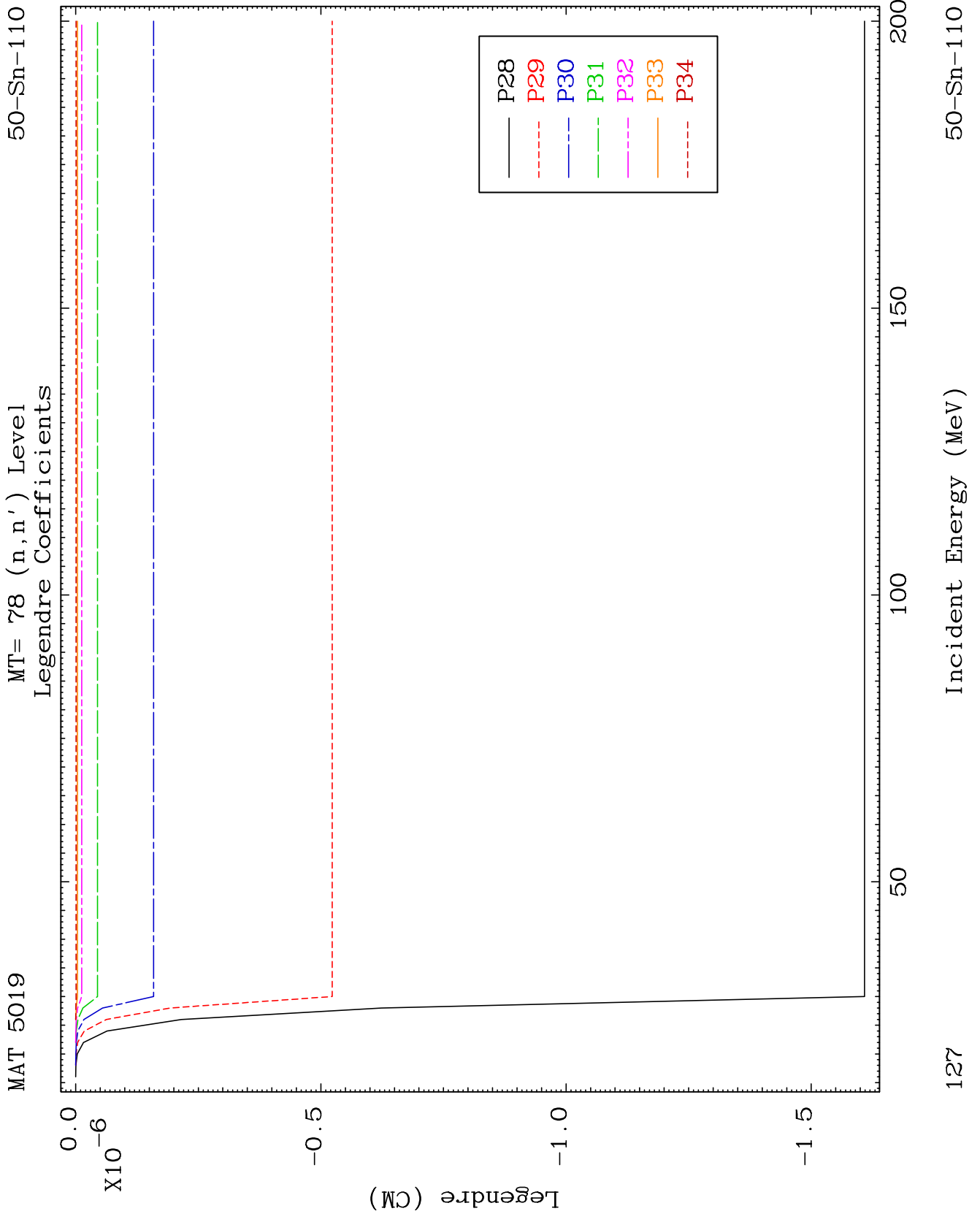


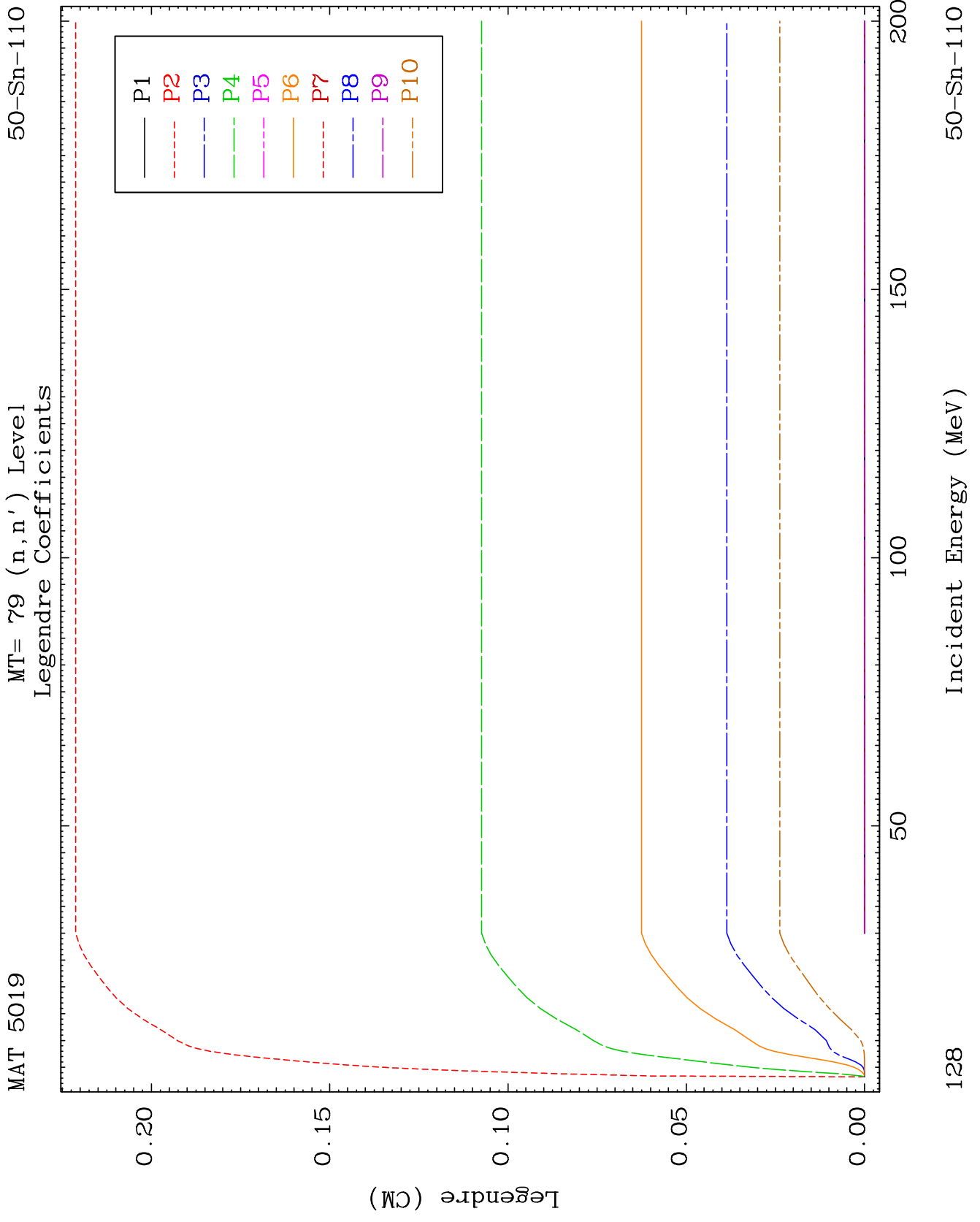


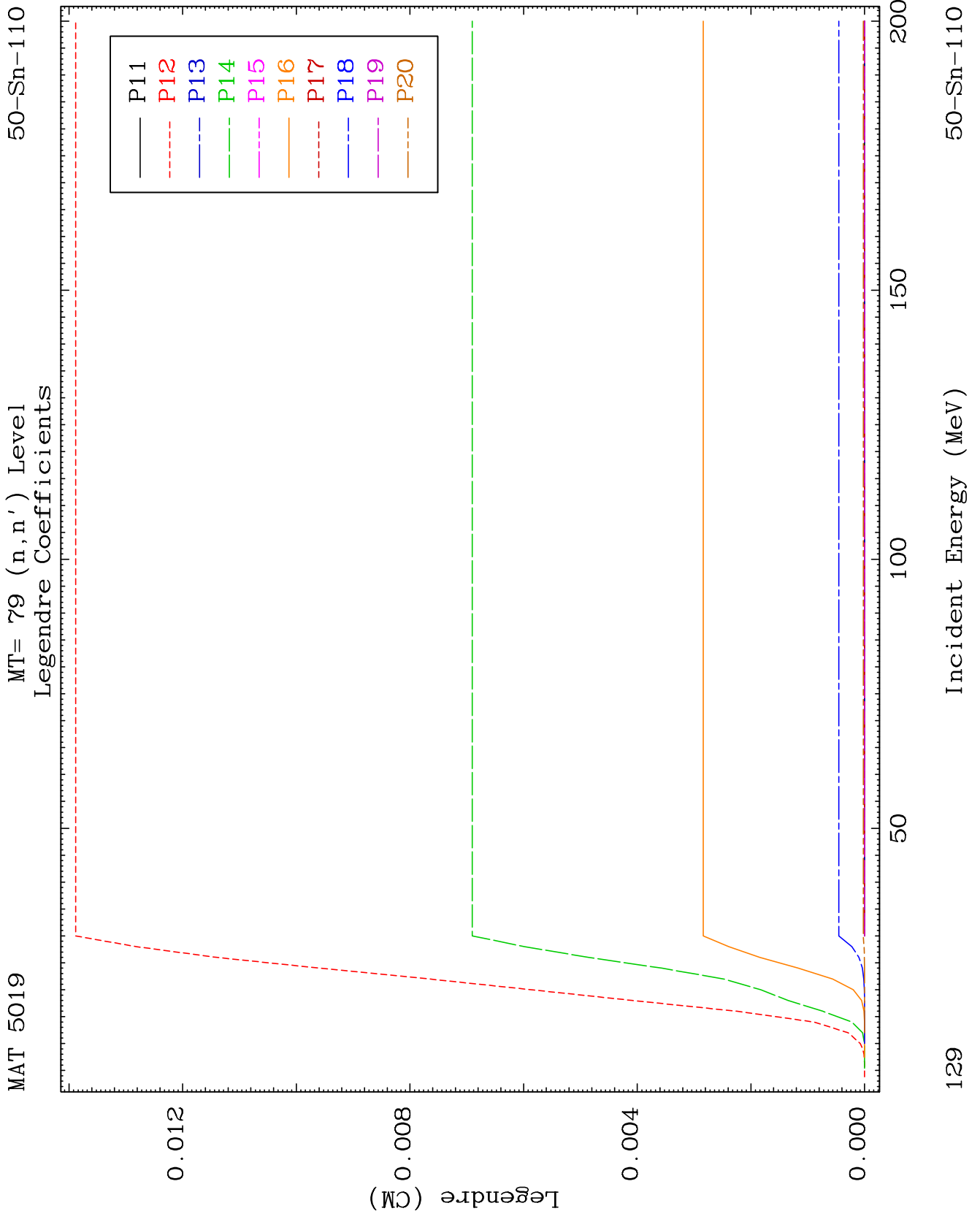


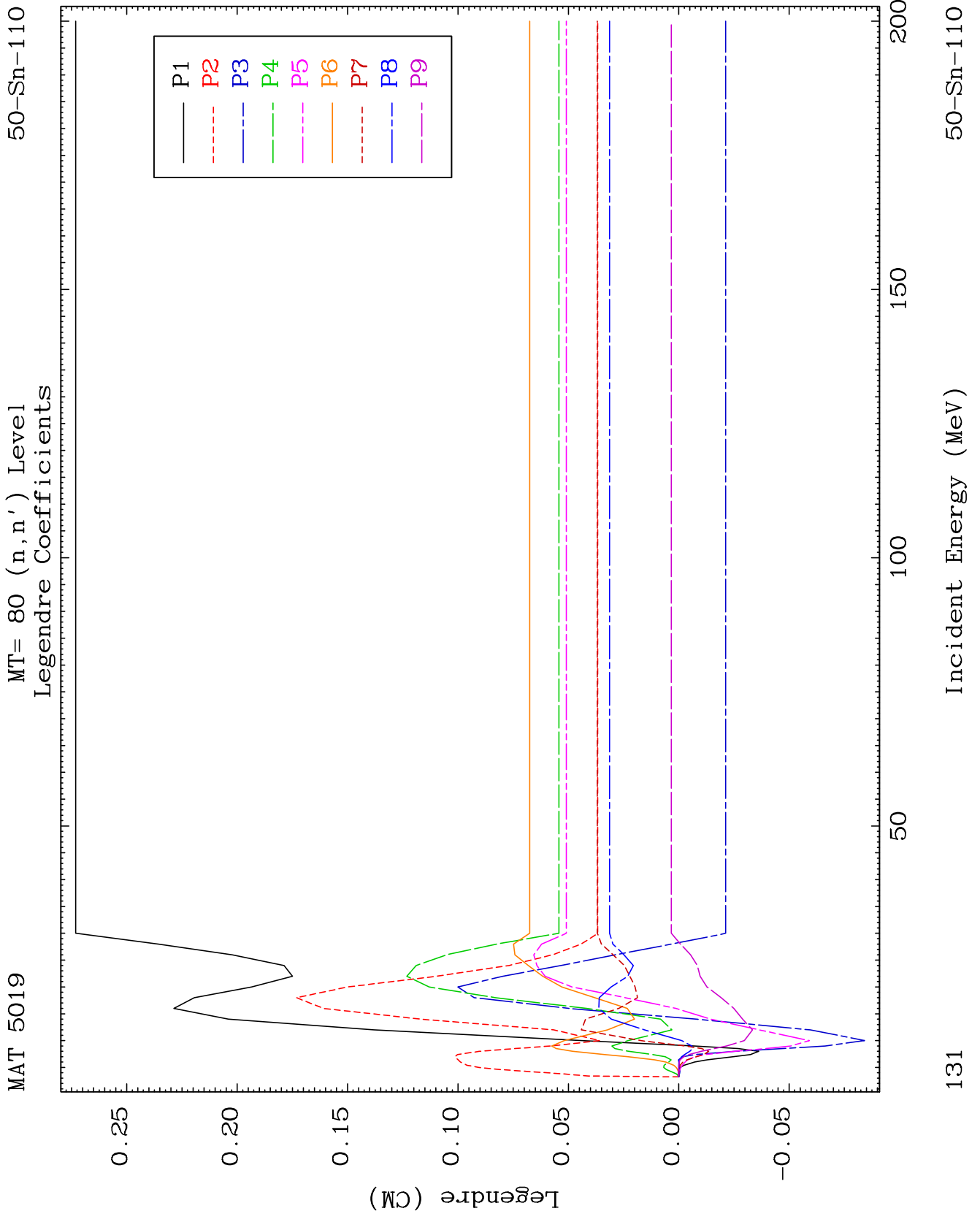


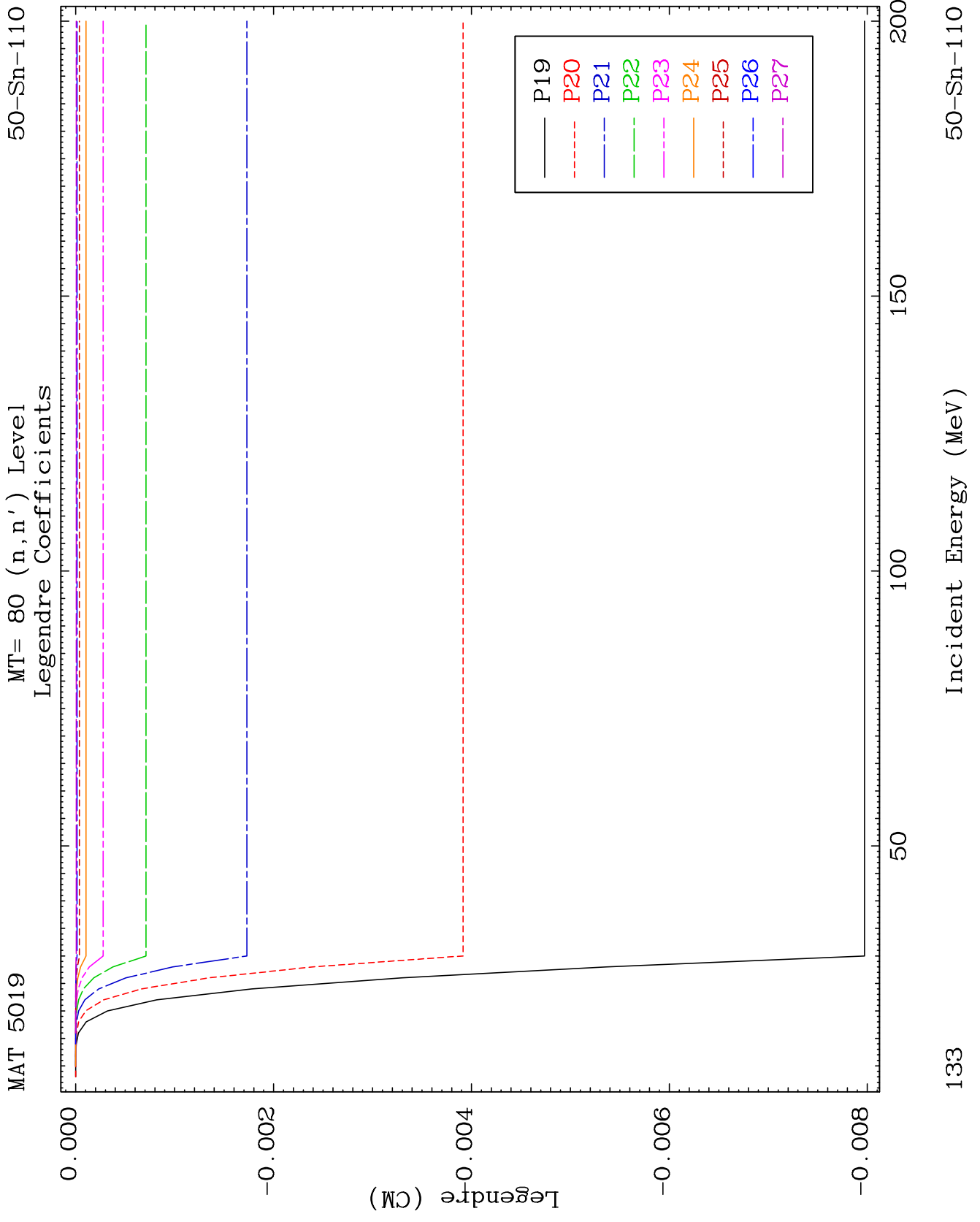


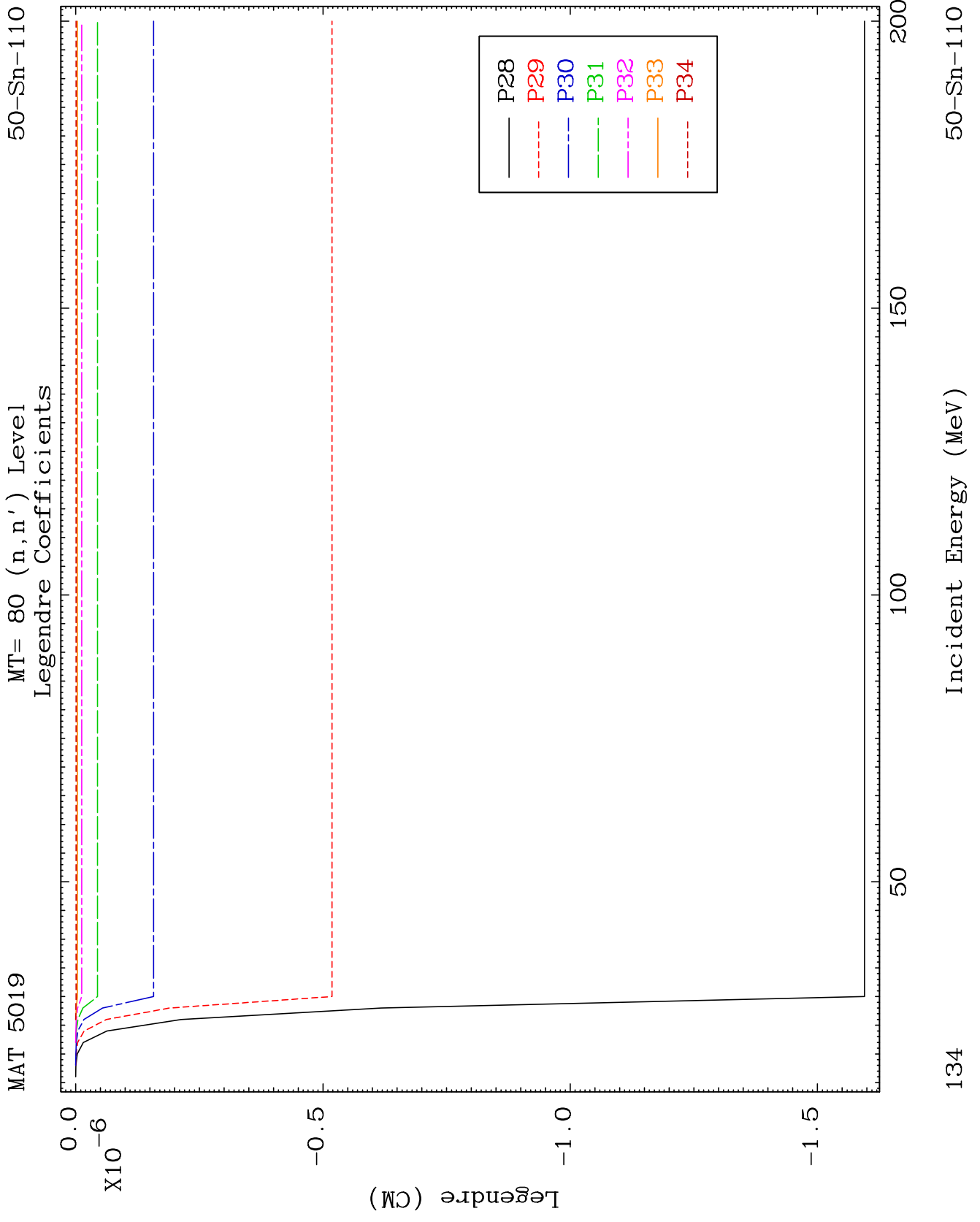










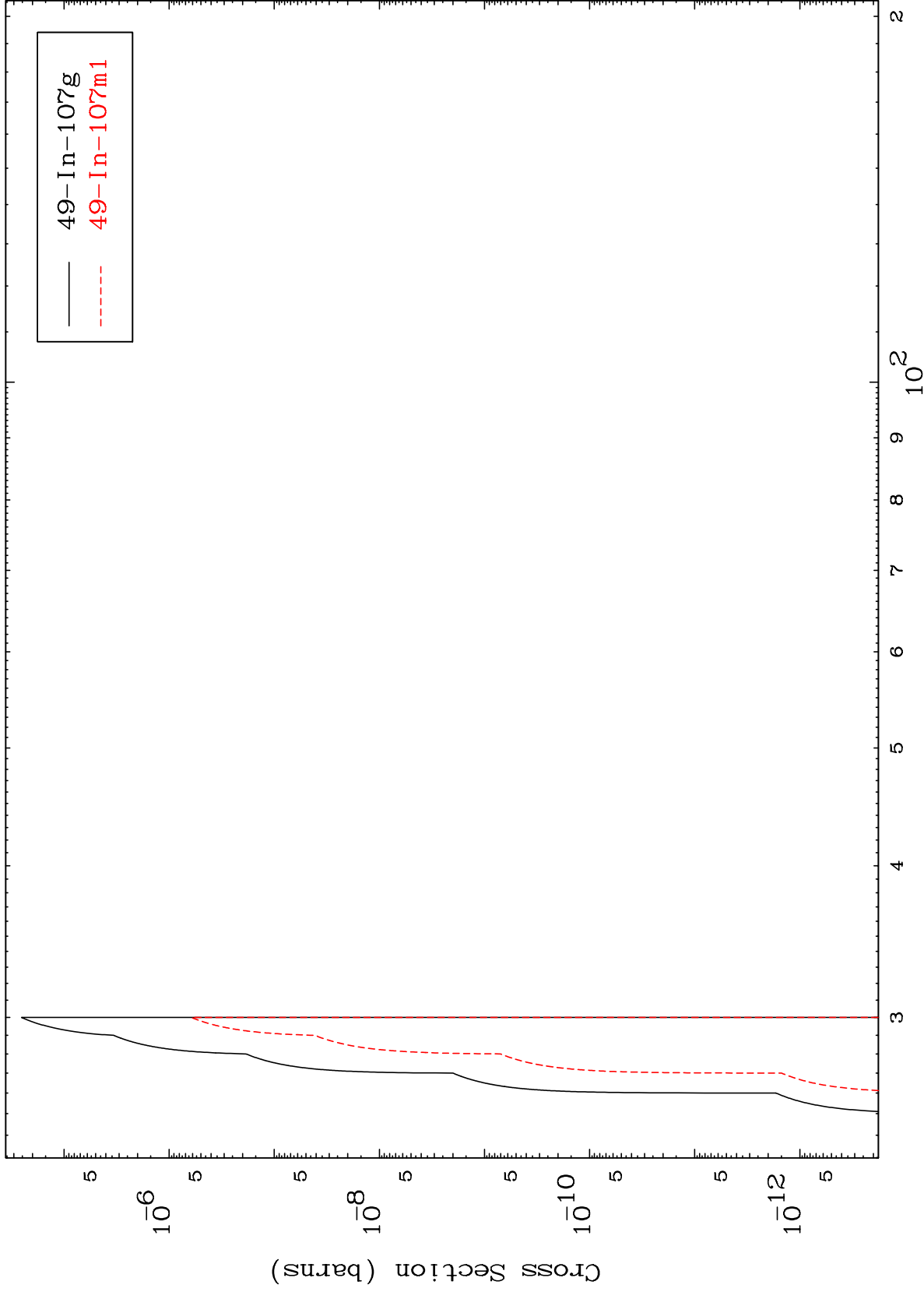


MAT 5019

(n,2n) d

50-Sn-110

Radionuclide Production Cross Section



135

Incident Energy (MeV)

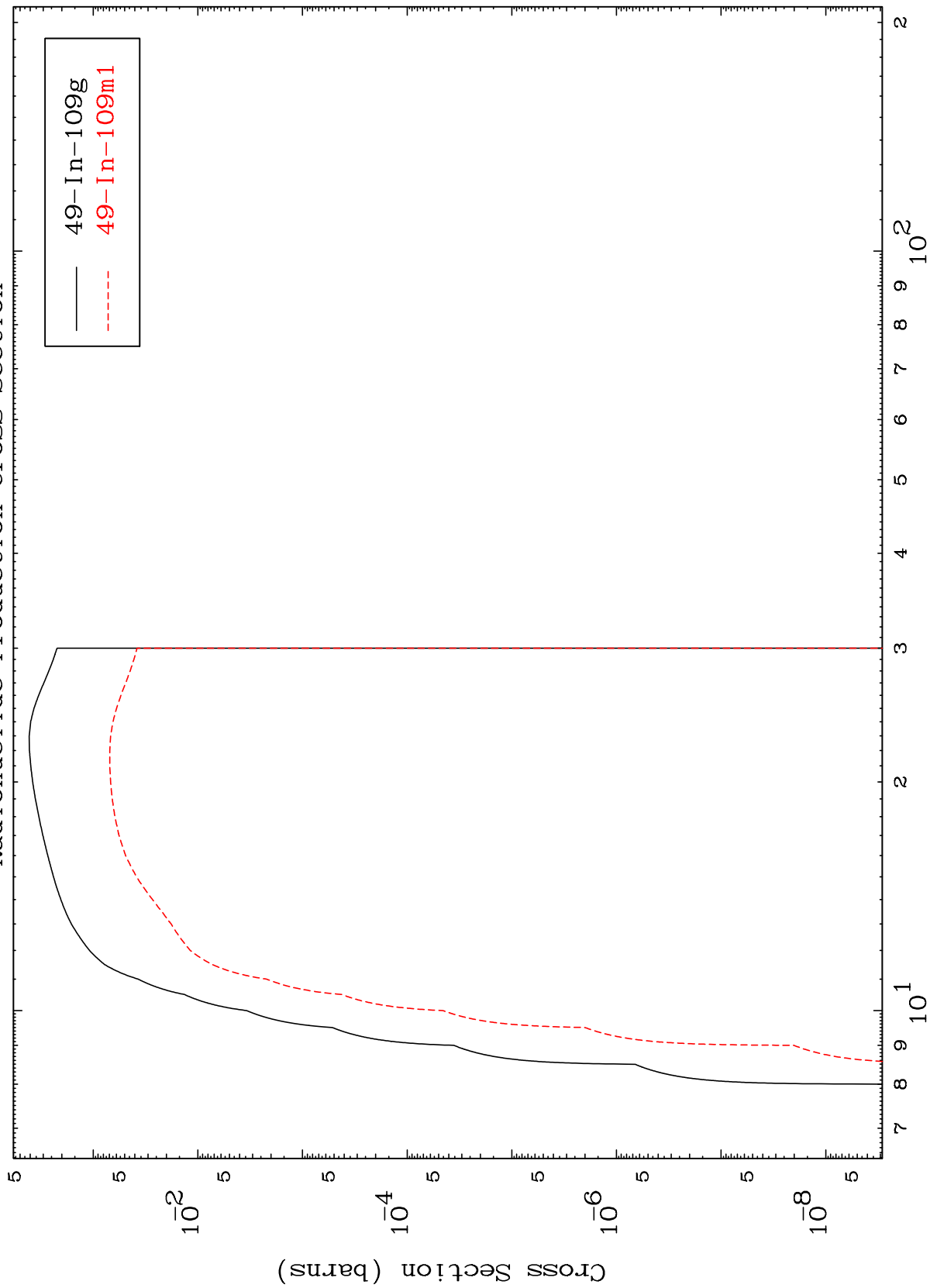
50-Sn-110

MAT 5019

(n,n') p

50-Sn-110

Radionuclide Production Cross Section



136

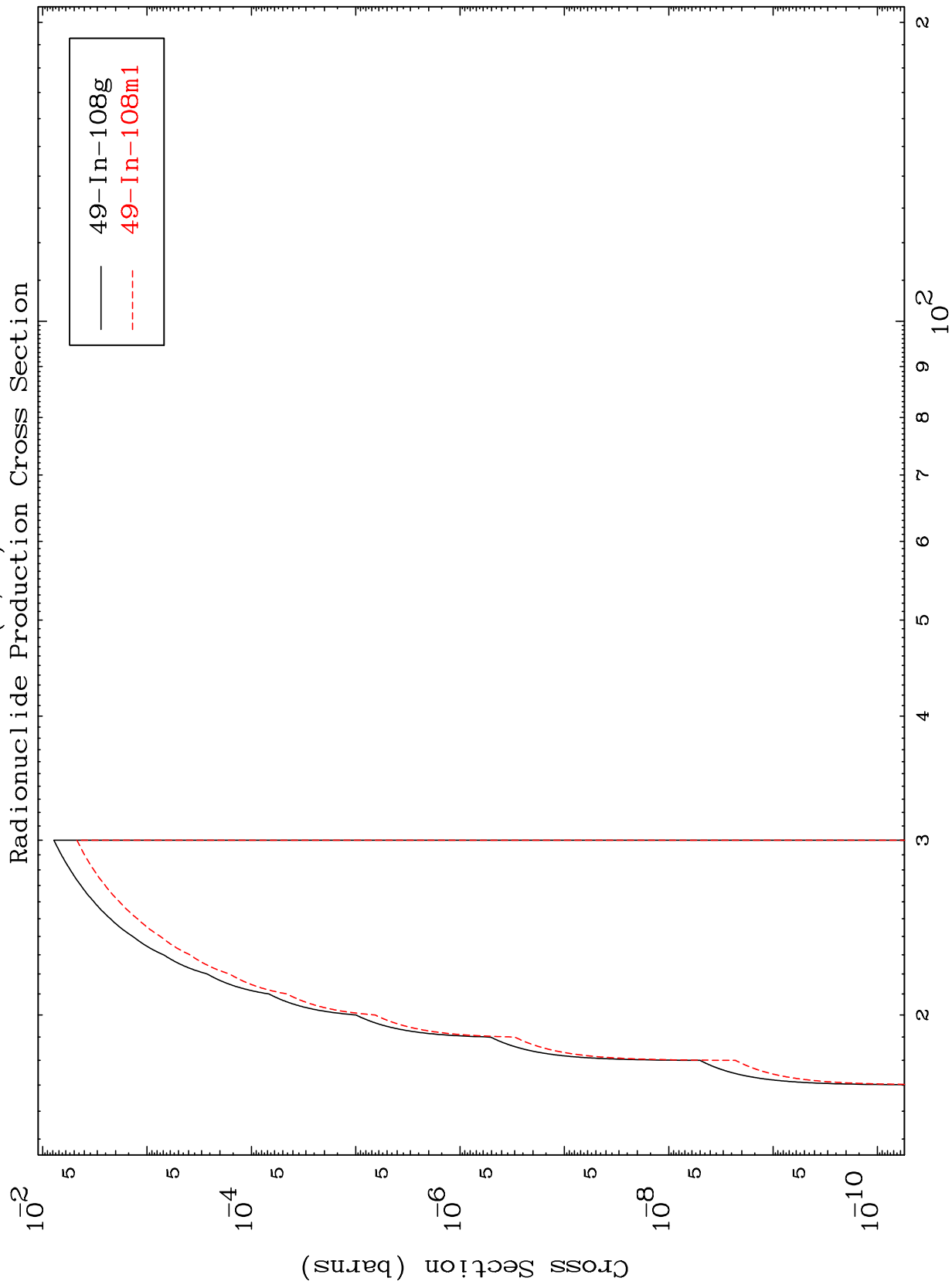
Incident Energy (MeV)

50-Sn-110

MAT 5019

(n,n') d

50-Sn-110

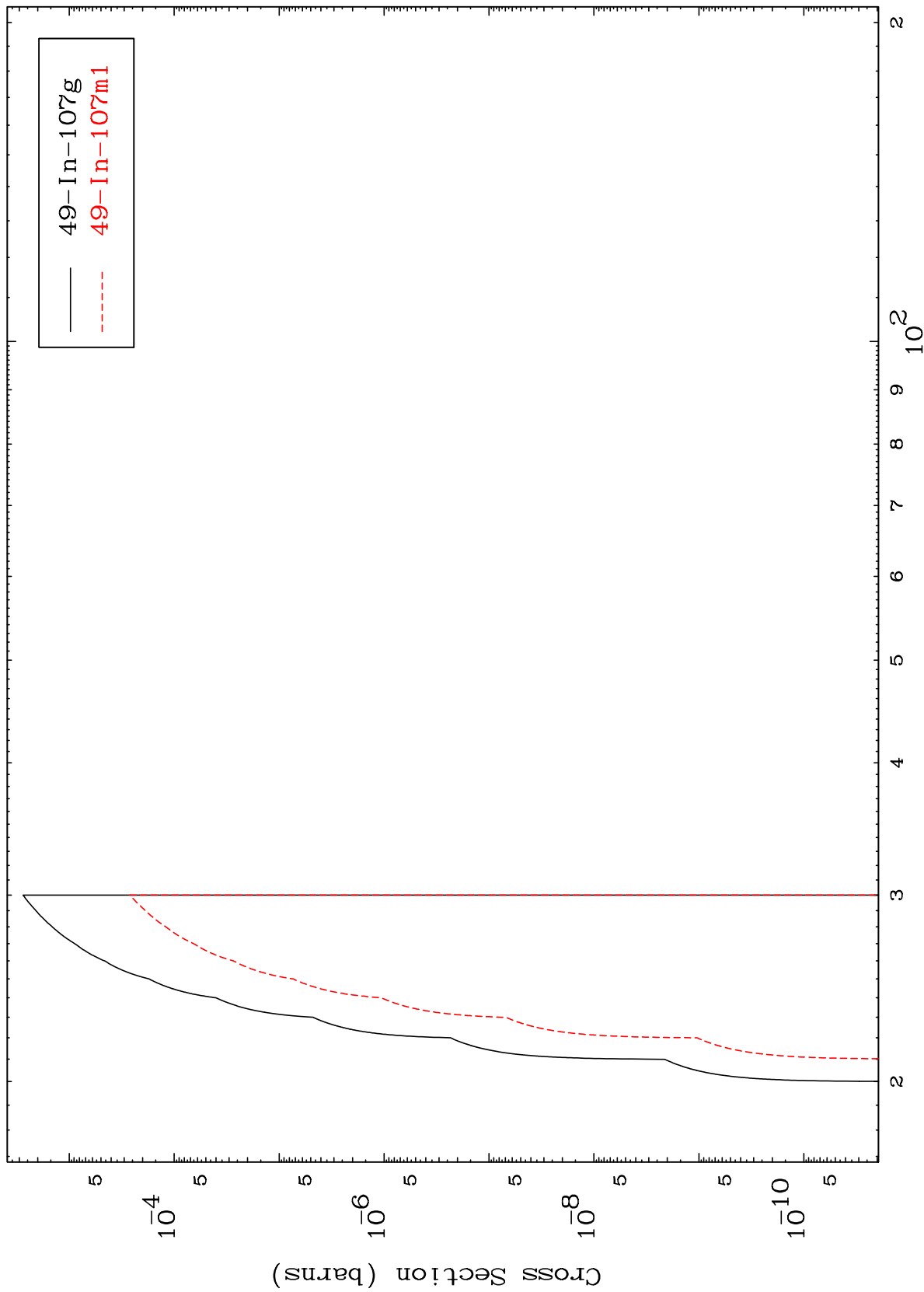


137

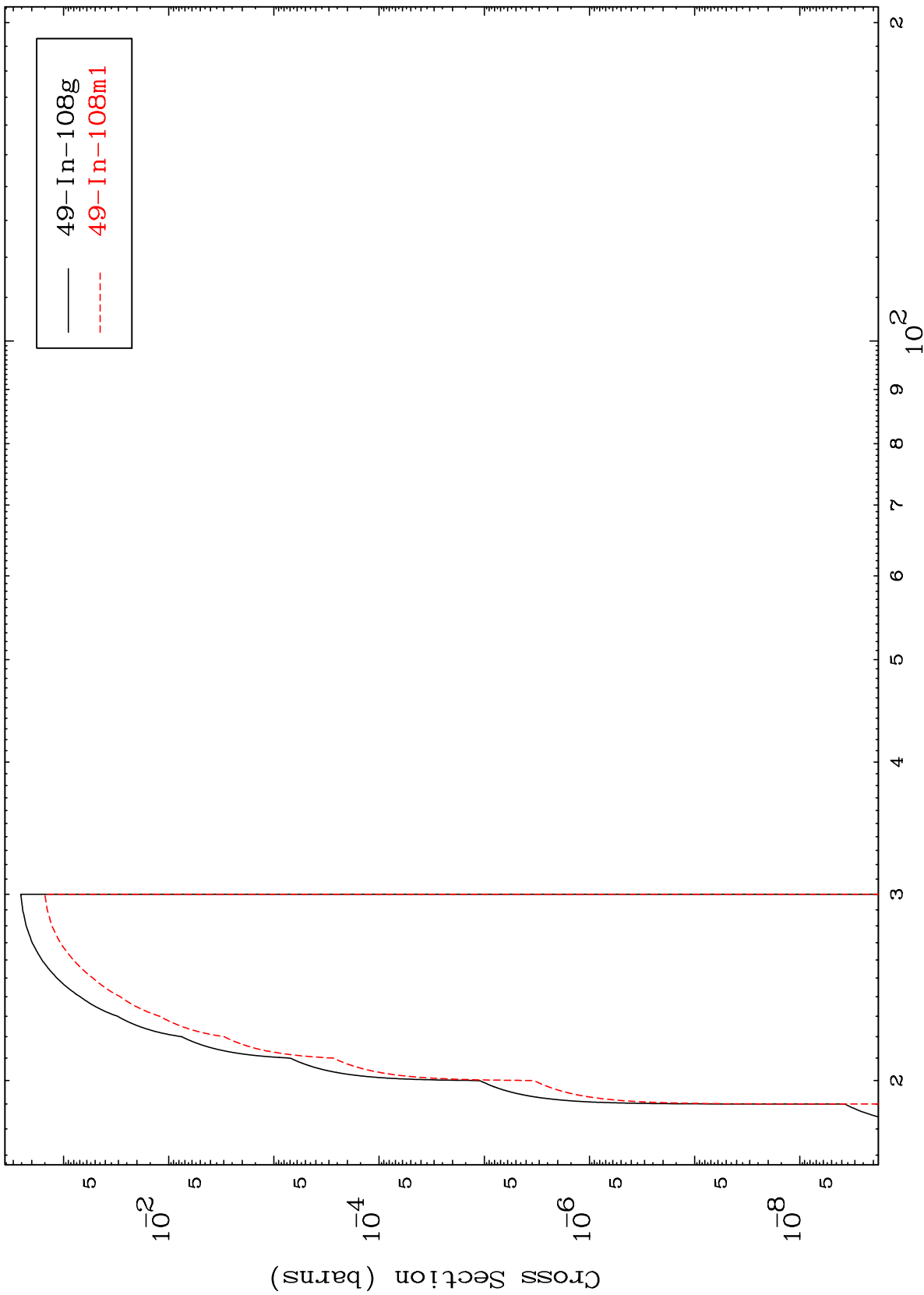
Incident Energy (MeV)

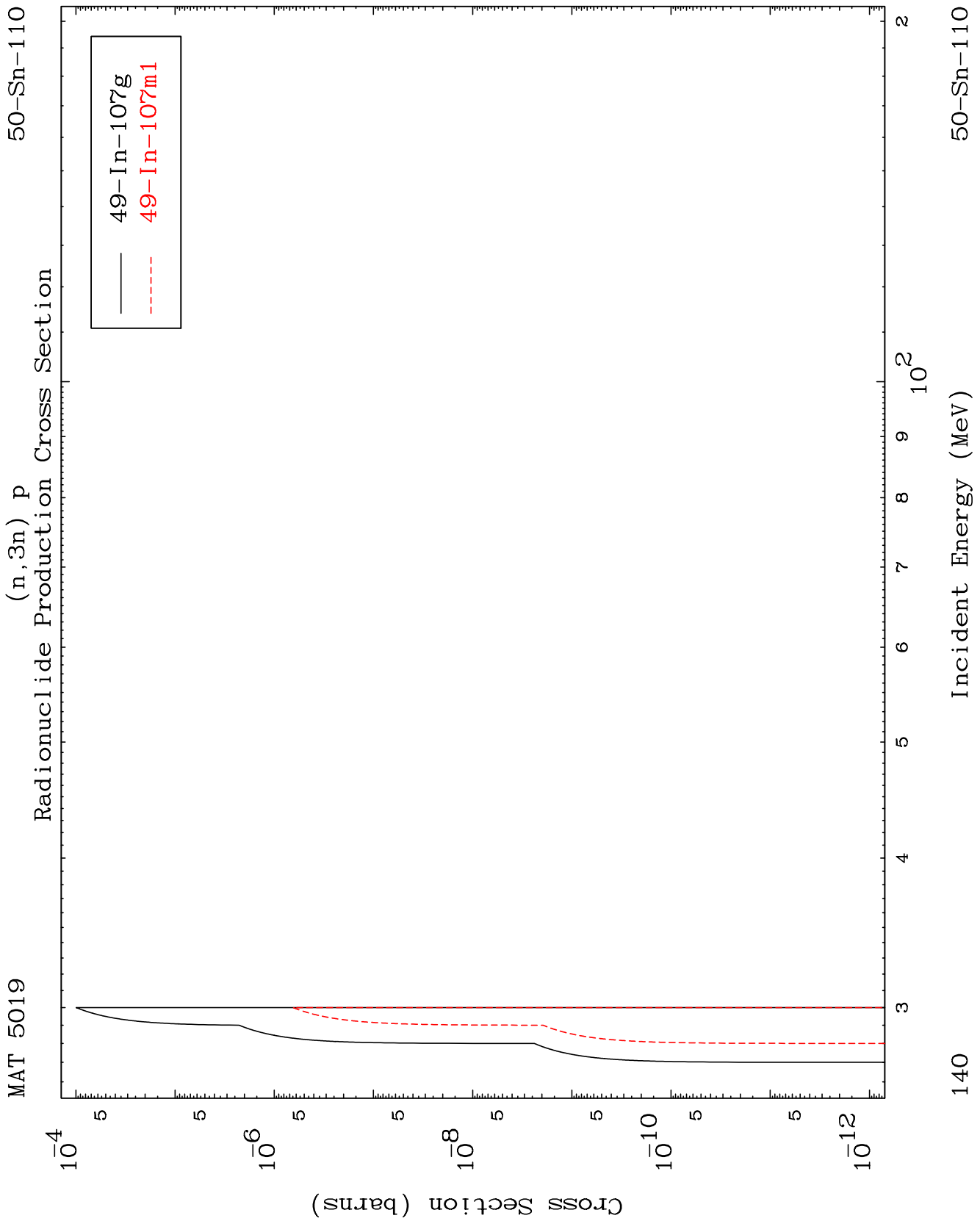
50-Sn-110

Radionuclide Production Cross Section



Radionuclide Production Cross Section

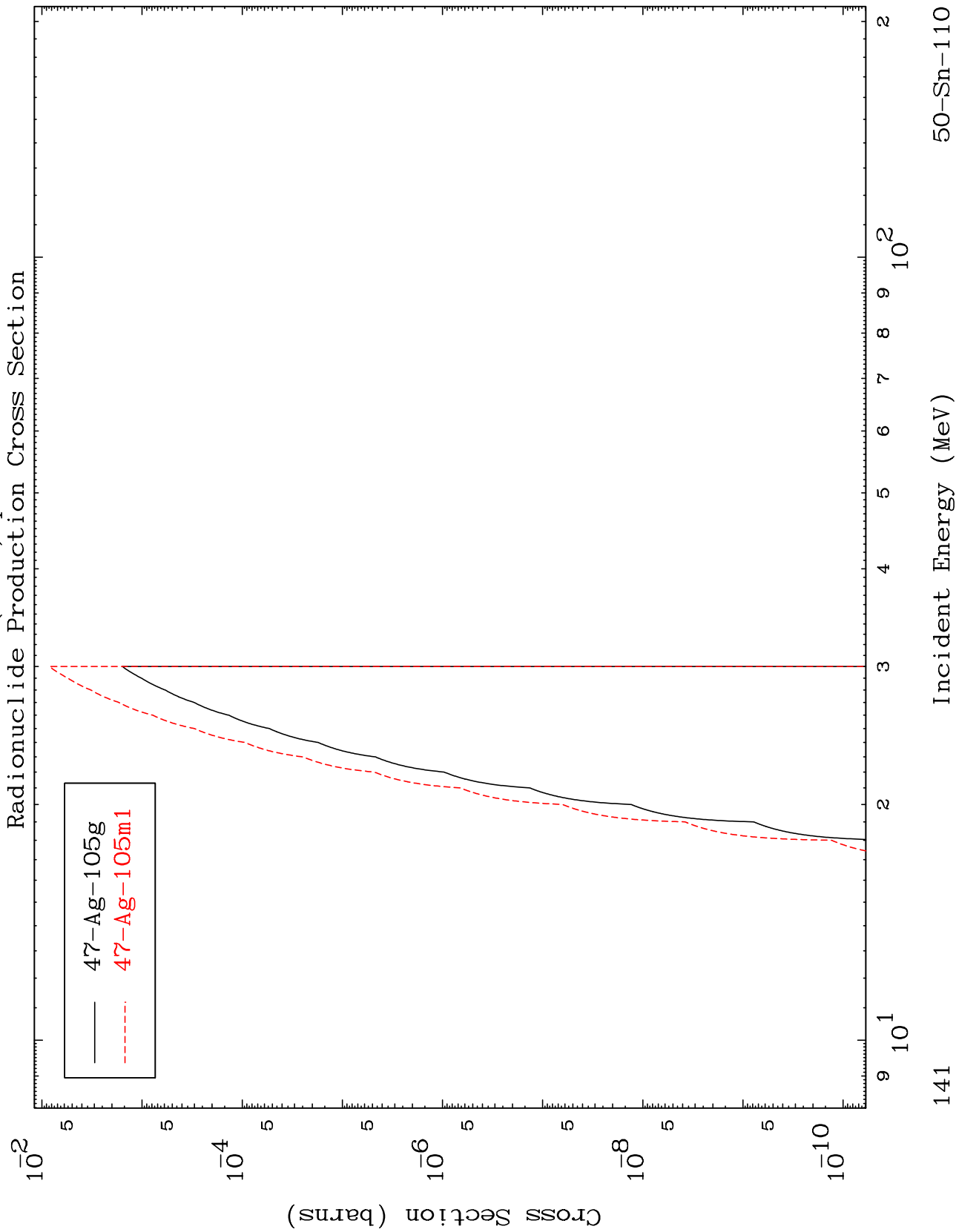




MAT 5019

(n,n') p α

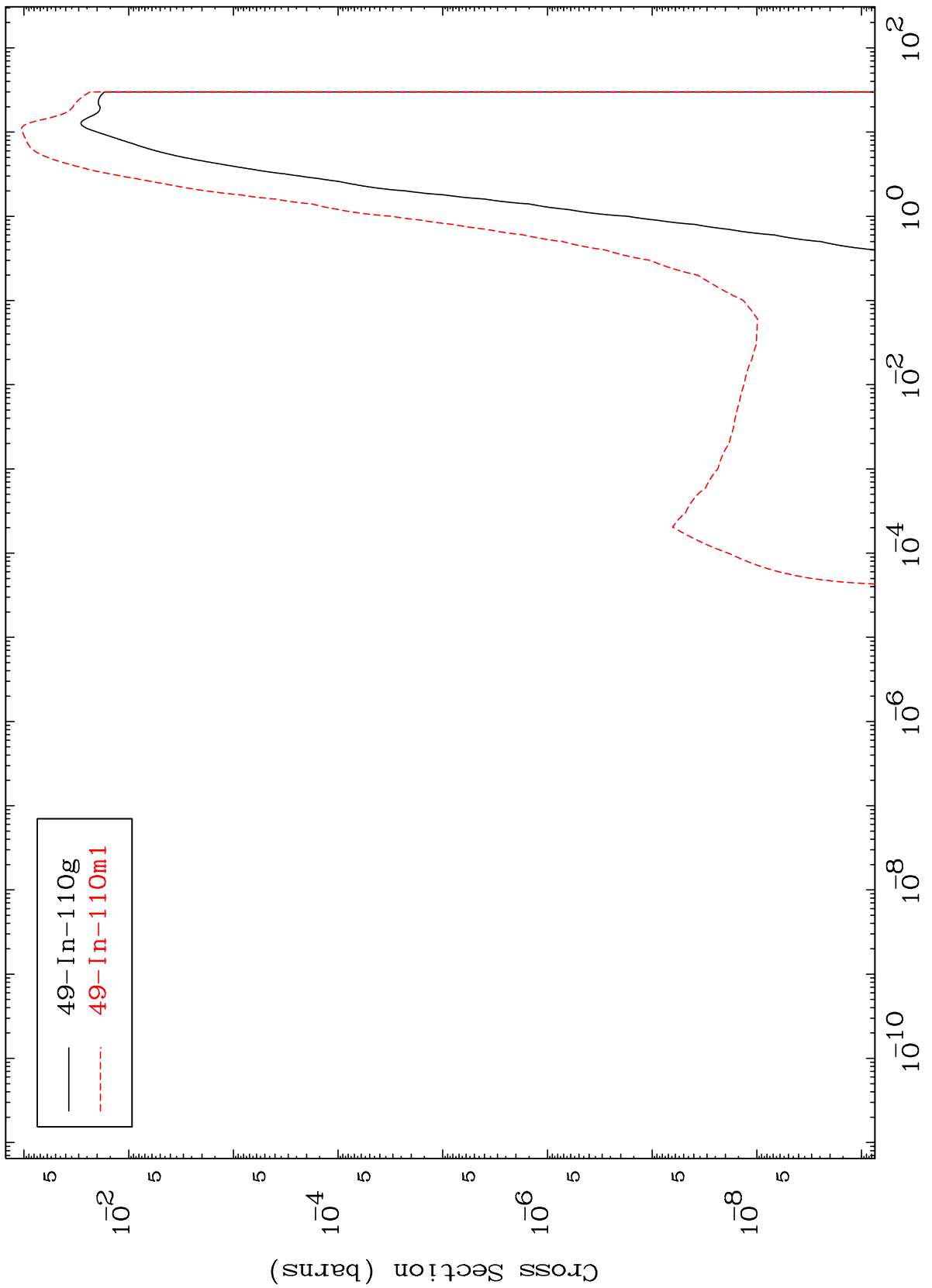
50-Sn-110



MAT 5019

50-Sn-110

(n,p)
Radionuclide Production Cross Section



— 49-In-110g
- - - 49-In-110m1

50-Sn-110

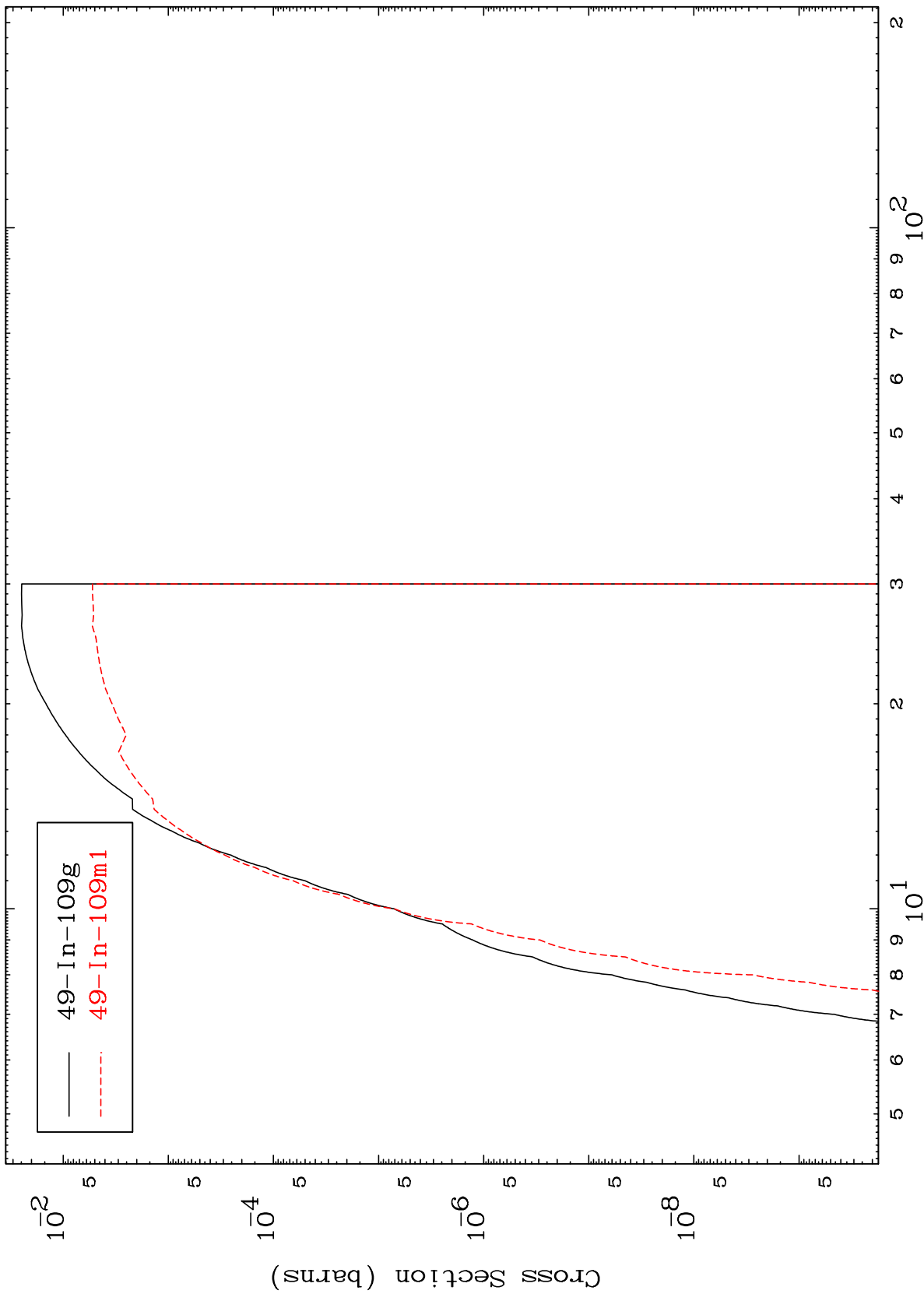
Incident Energy (MeV)

142

MAT 5019

50-Sn-110

(n,d)
Radionuclide Production Cross Section



143

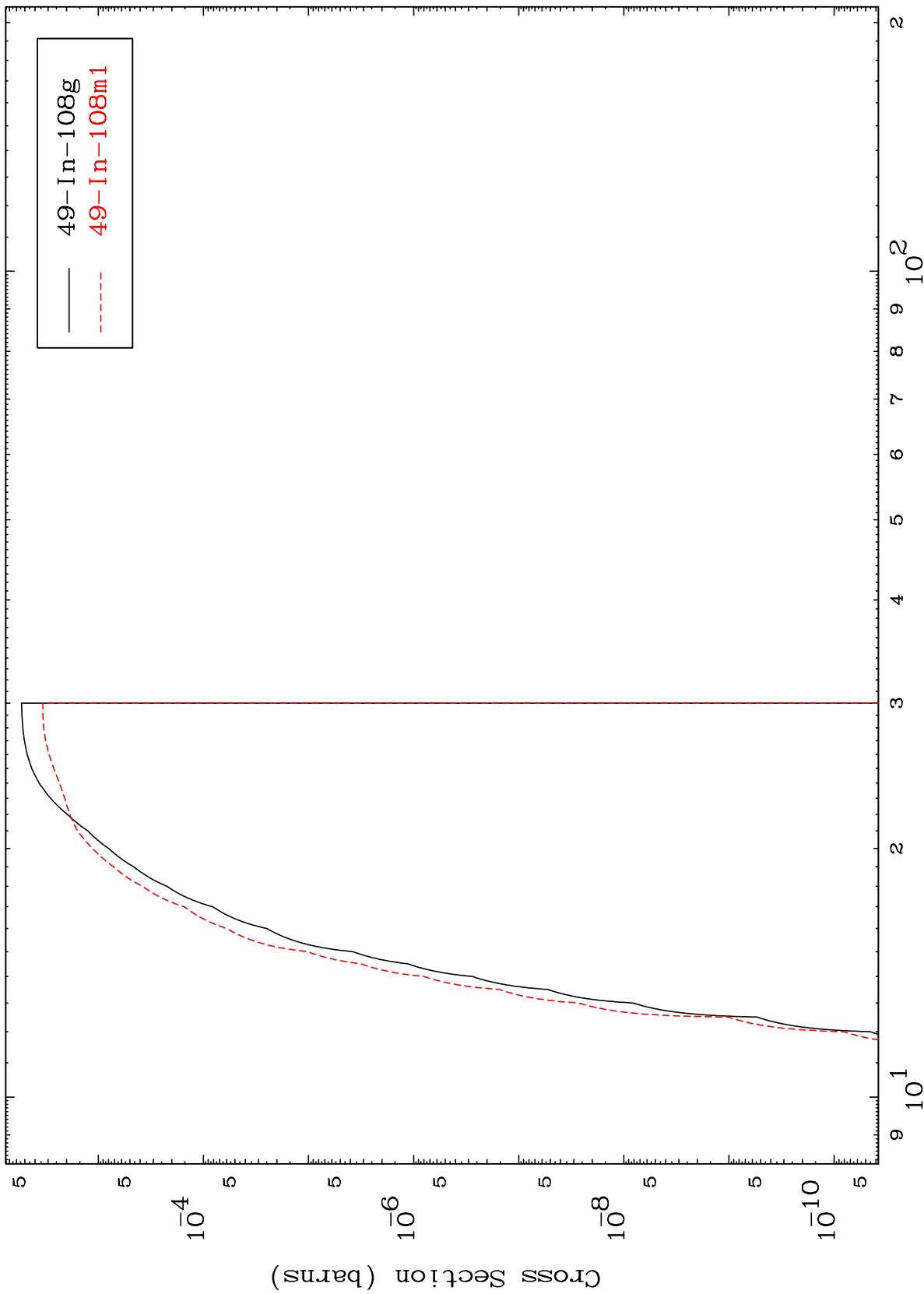
Incident Energy (MeV)

50-Sn-110

MAT 5019

50-Sn-110

(n,t)
Radionuclide Production Cross Section



50-Sn-110

Incident Energy (MeV)

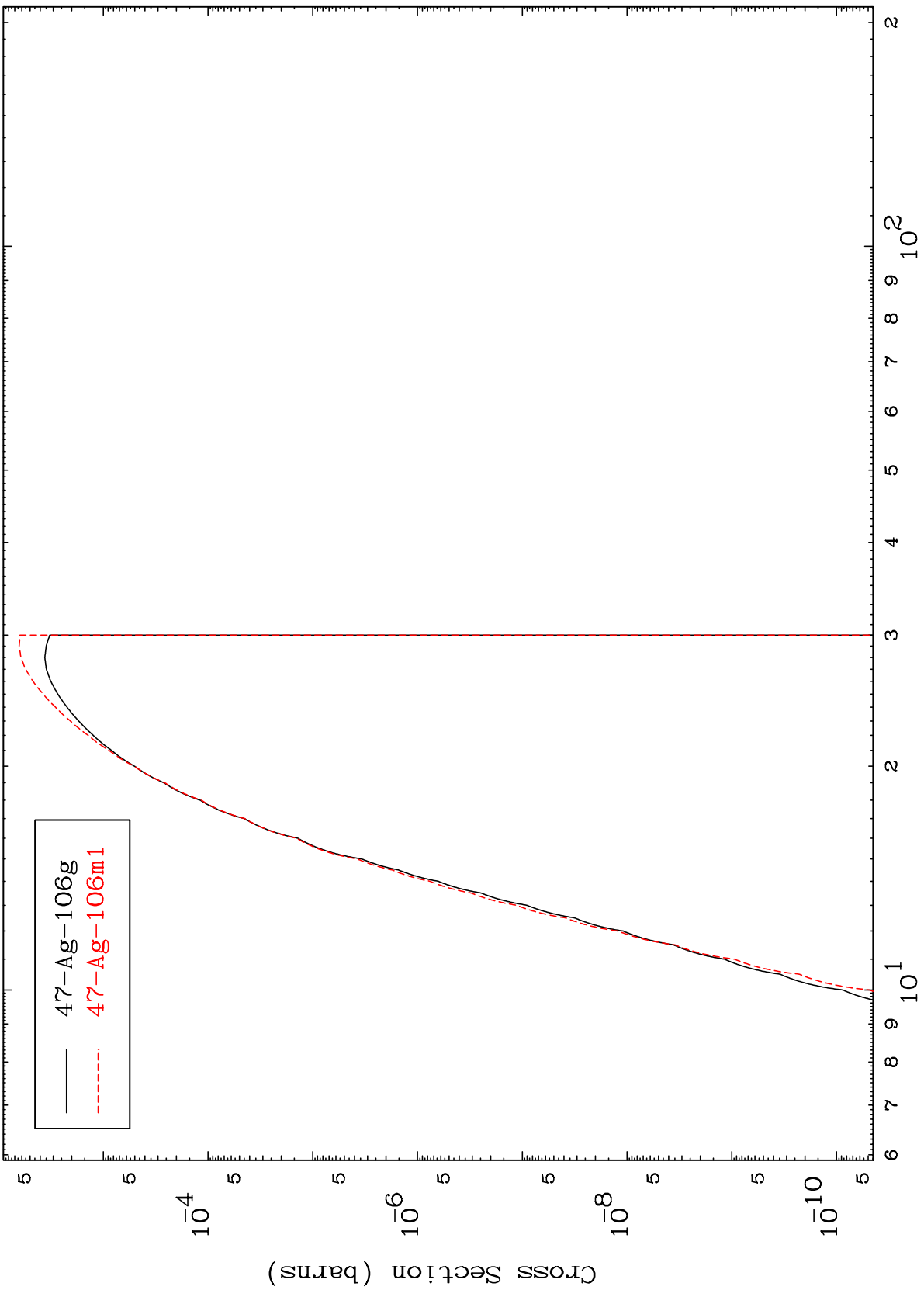
144

MAT 5019

50-Sn-110

(n,p) α

Radionuclide Production Cross Section



145

Incident Energy (MeV)

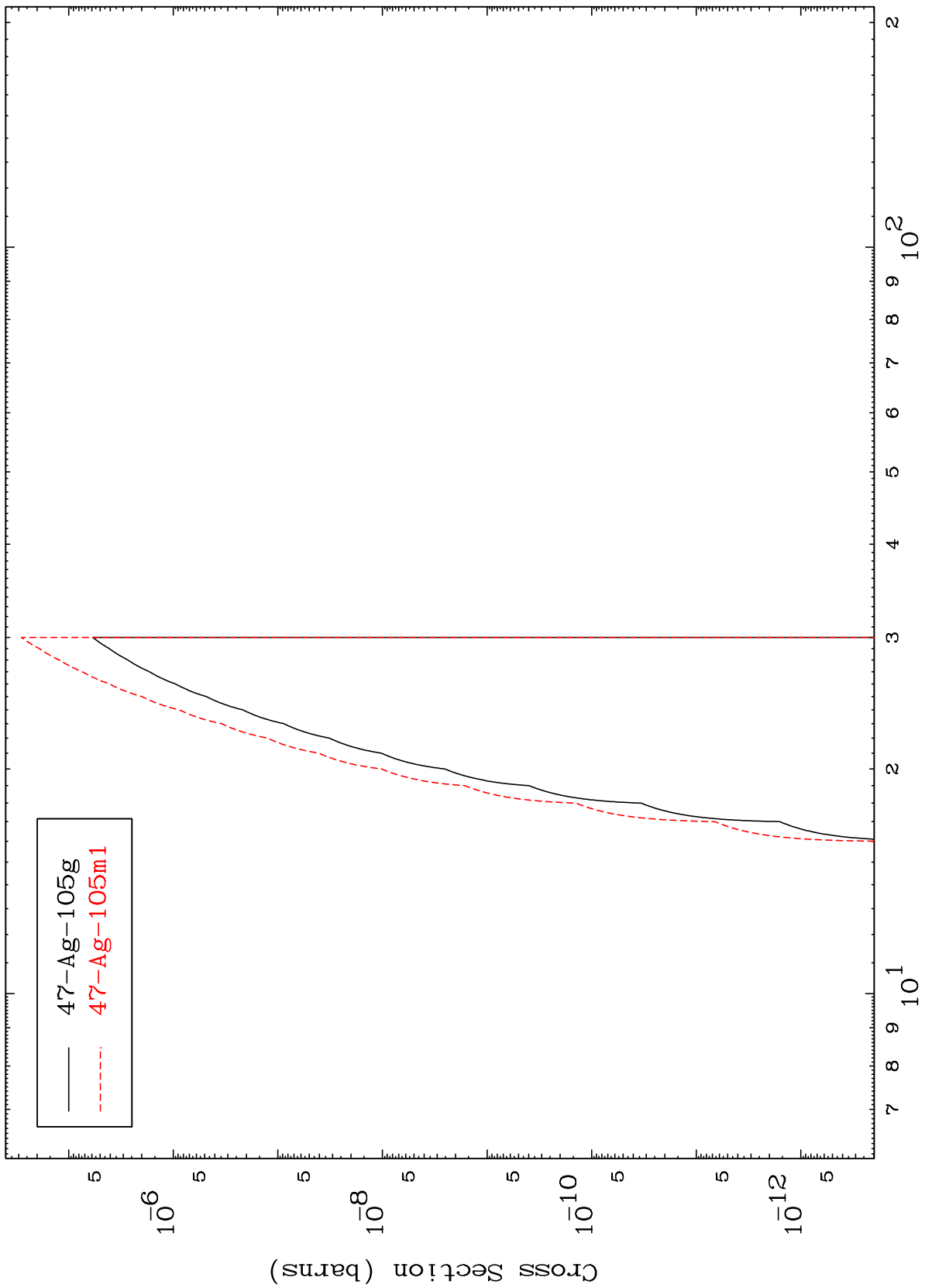
50-Sn-110

MAT 5019

50-Sn-110

(n,d) α

Radionuclide Production Cross Section



146

Incident Energy (MeV)

50-Sn-110