

Program EVALPLOT
(Version 2017-1)

by

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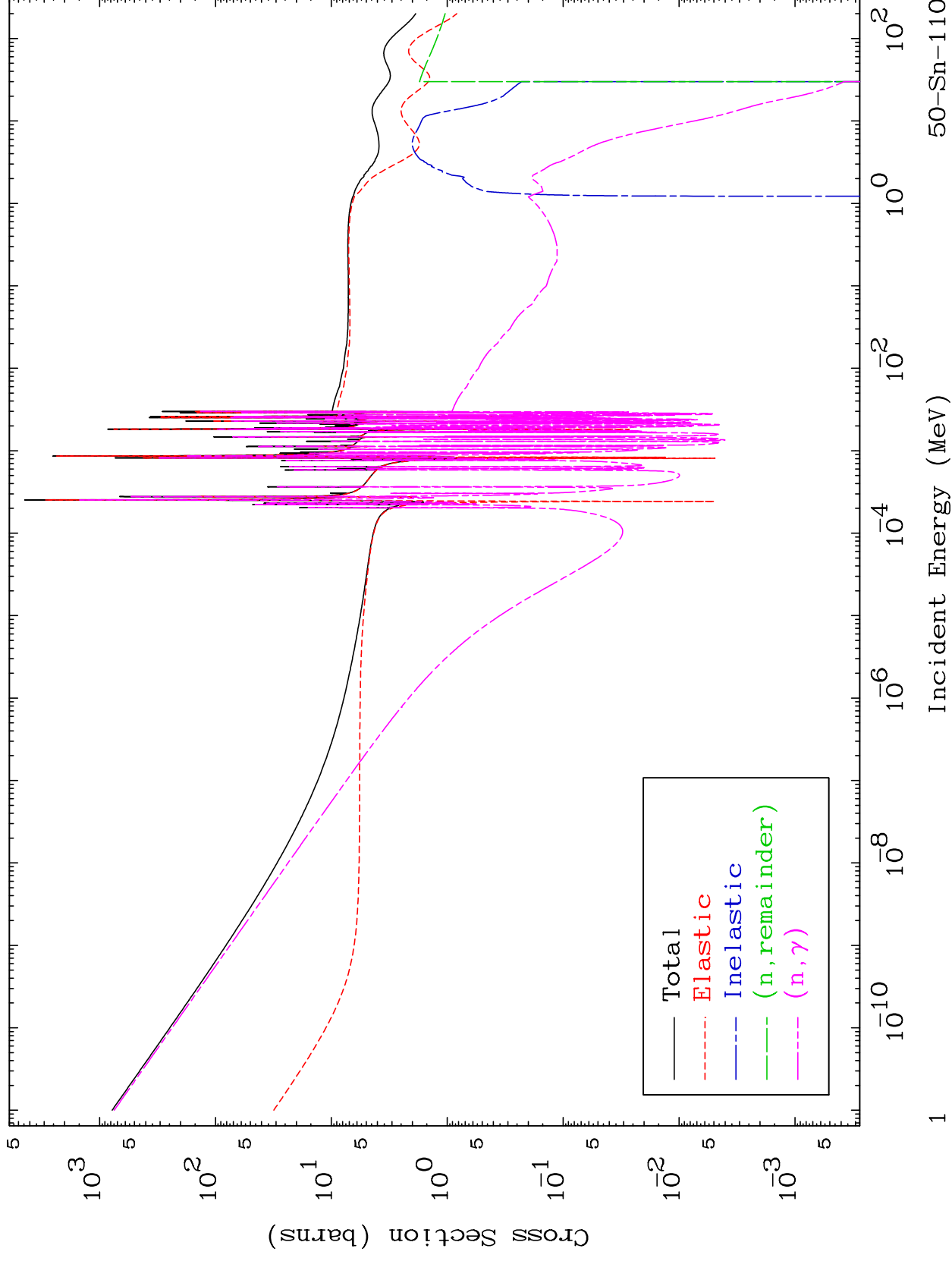
Press Mouse Button to Start

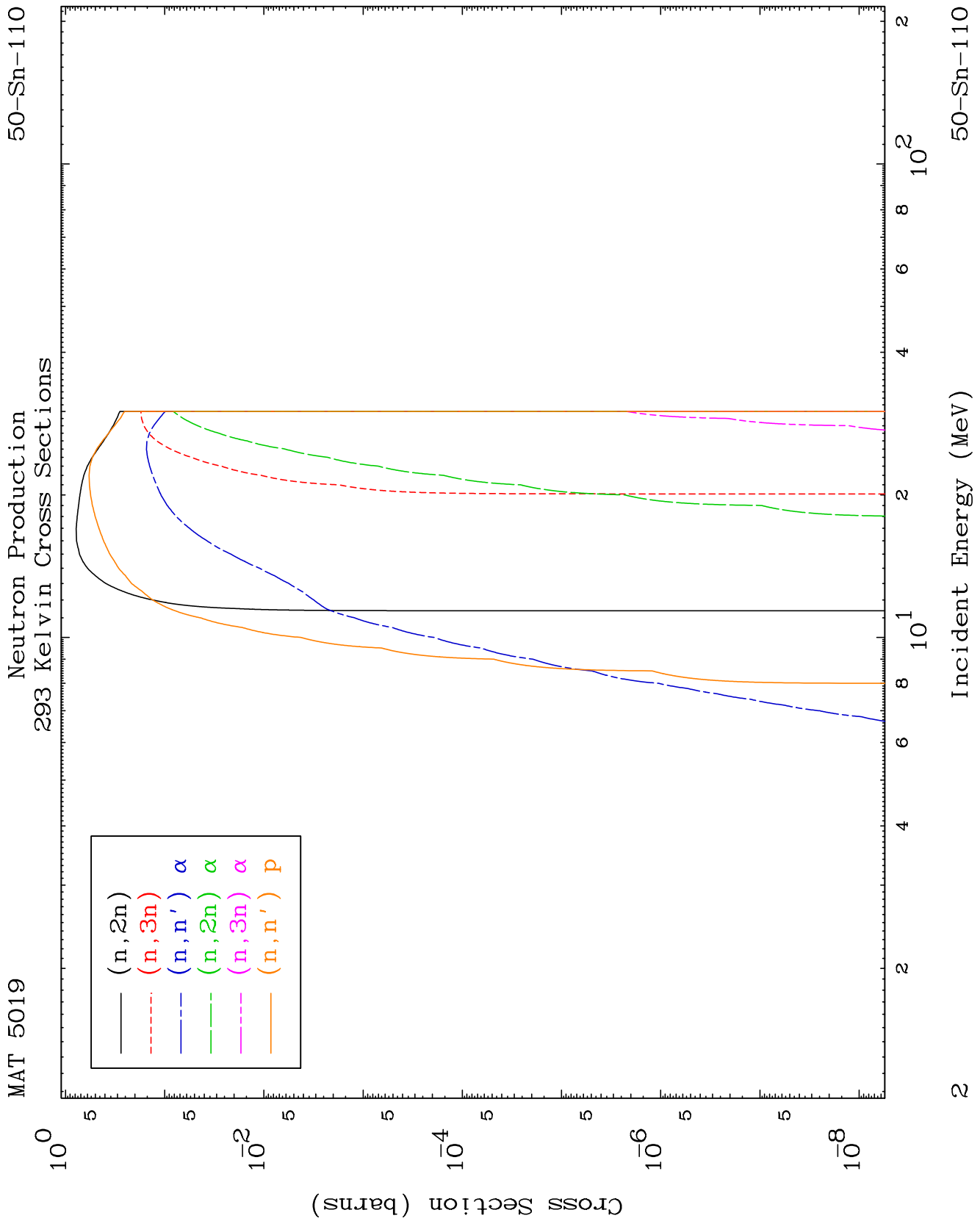
MAT 5019

Major

293 Kelvin Cross Sections

50-Sn-110

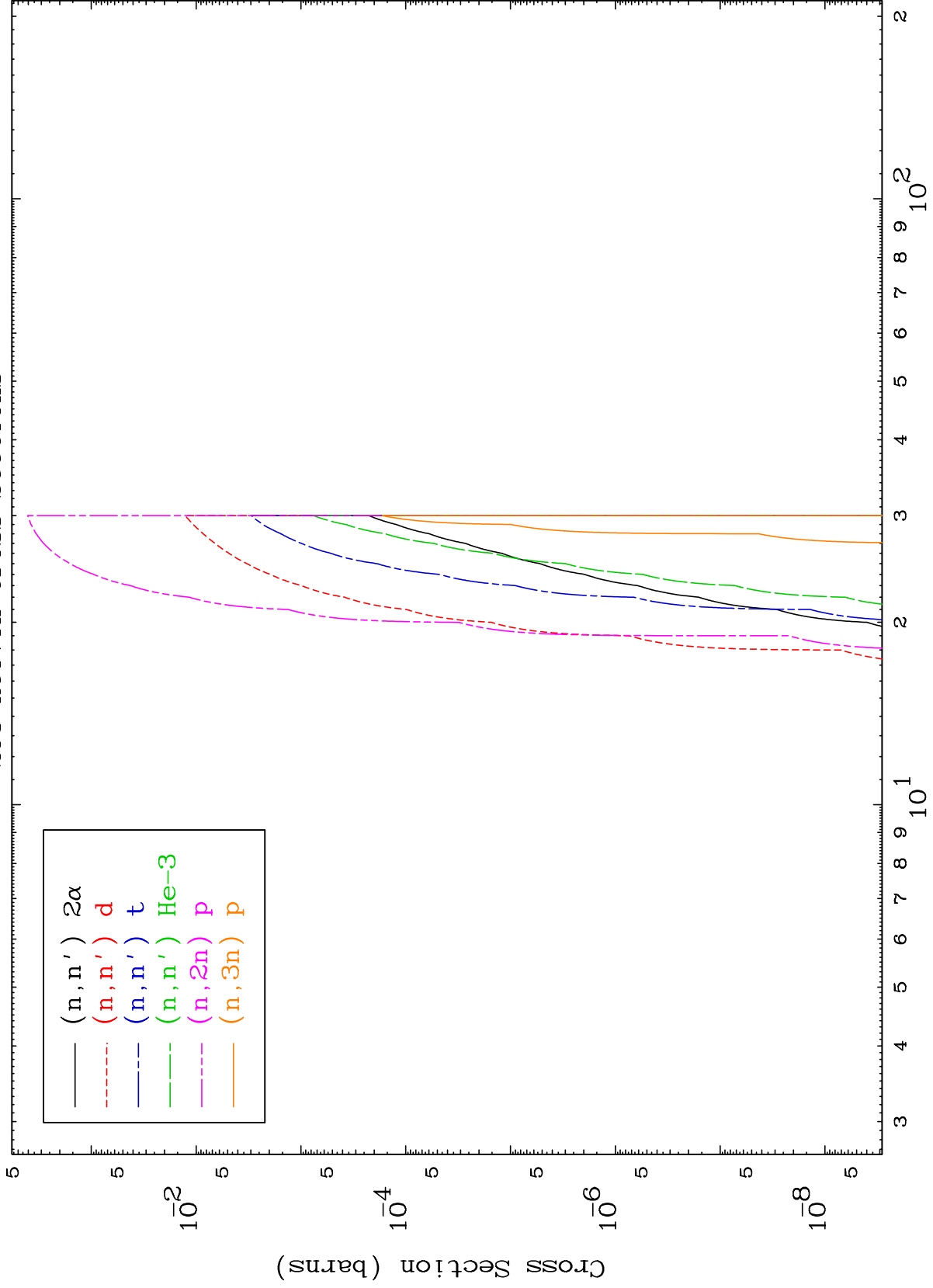




MAT 5019

Neutron Production
293 Kelvin Cross Sections

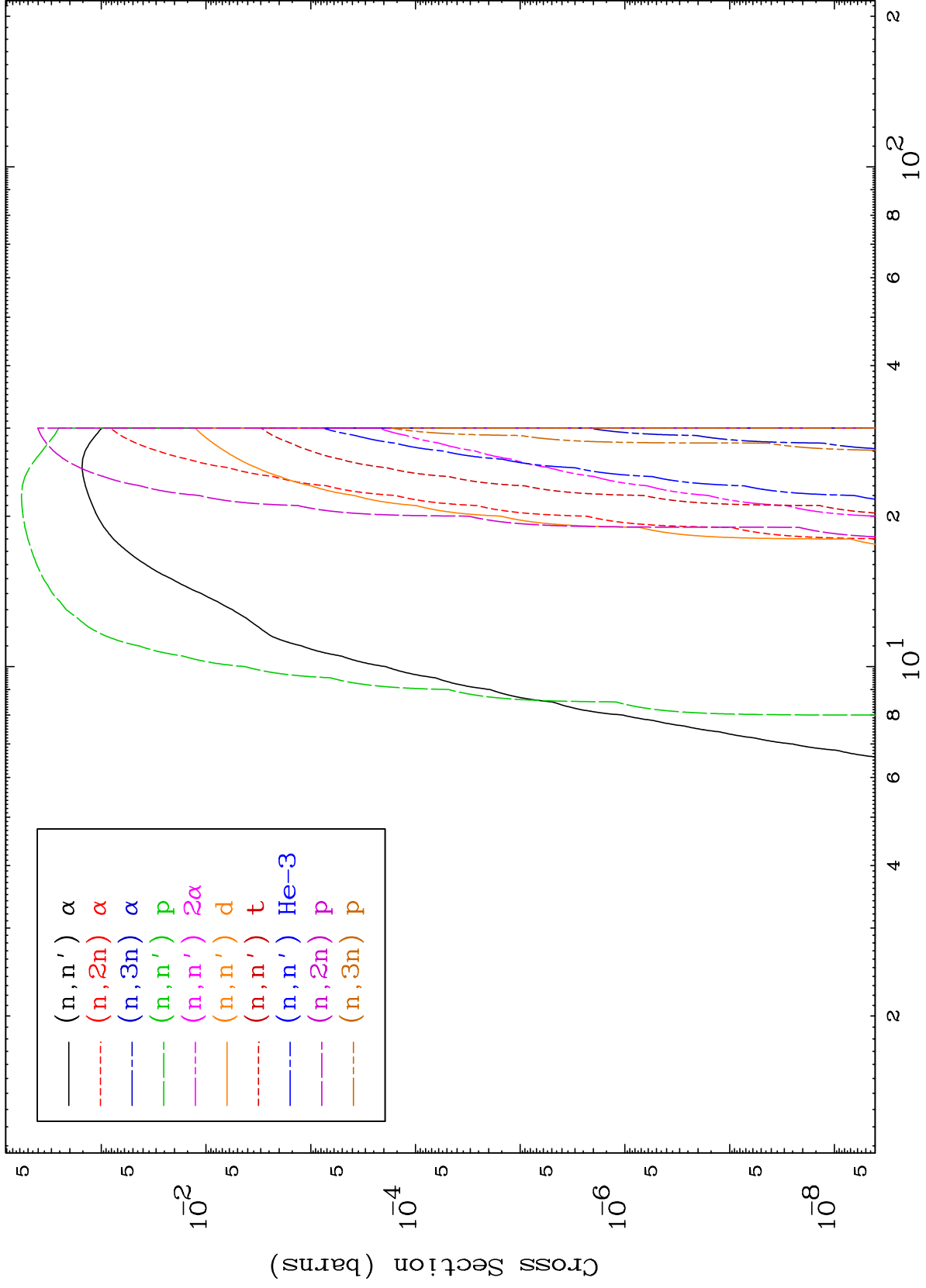
50-Sn-110



3

Incident Energy (MeV)

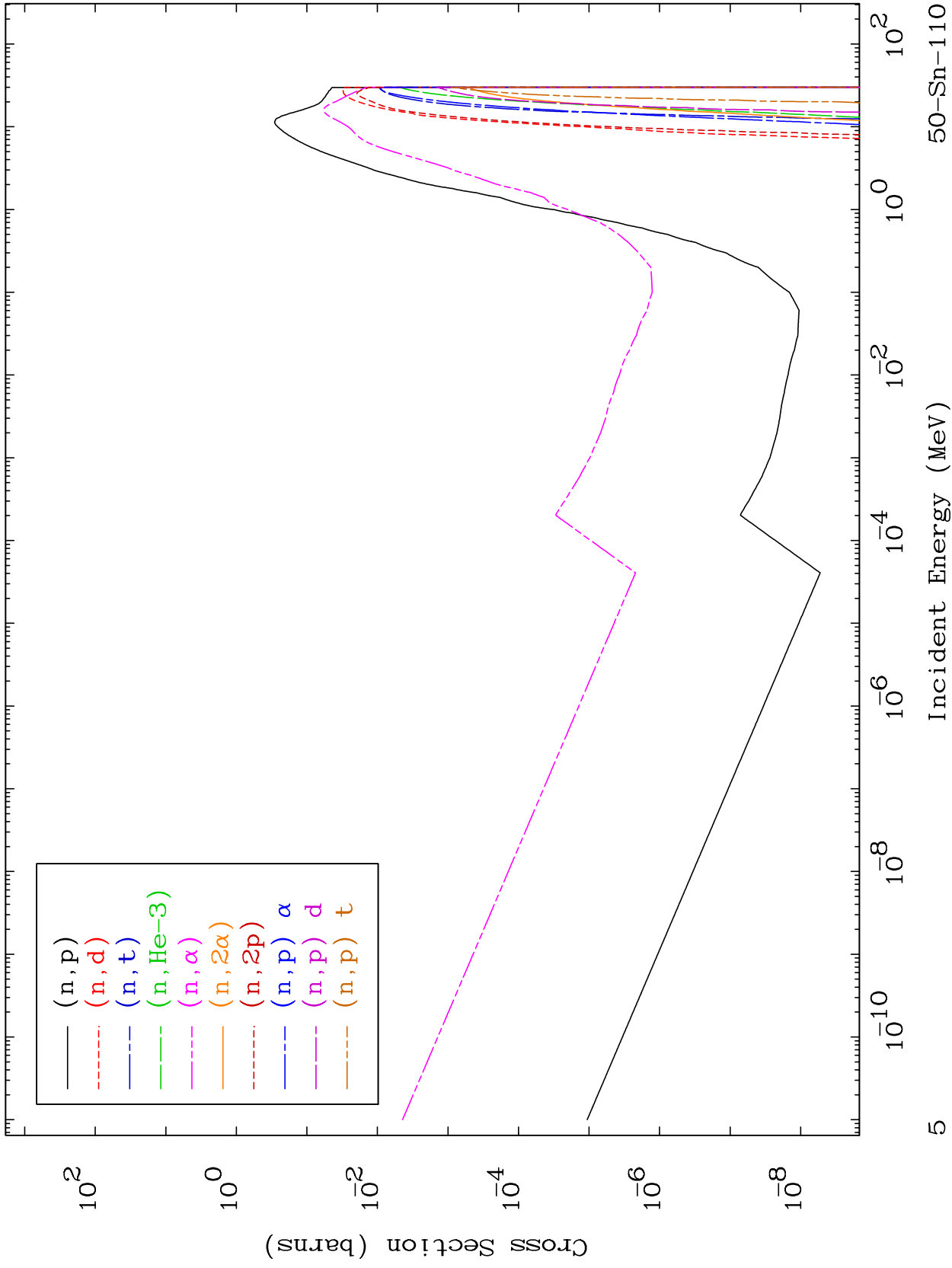
50-Sn-110



MAT 5019

Charged Particle
293 Kelvin Cross Sections

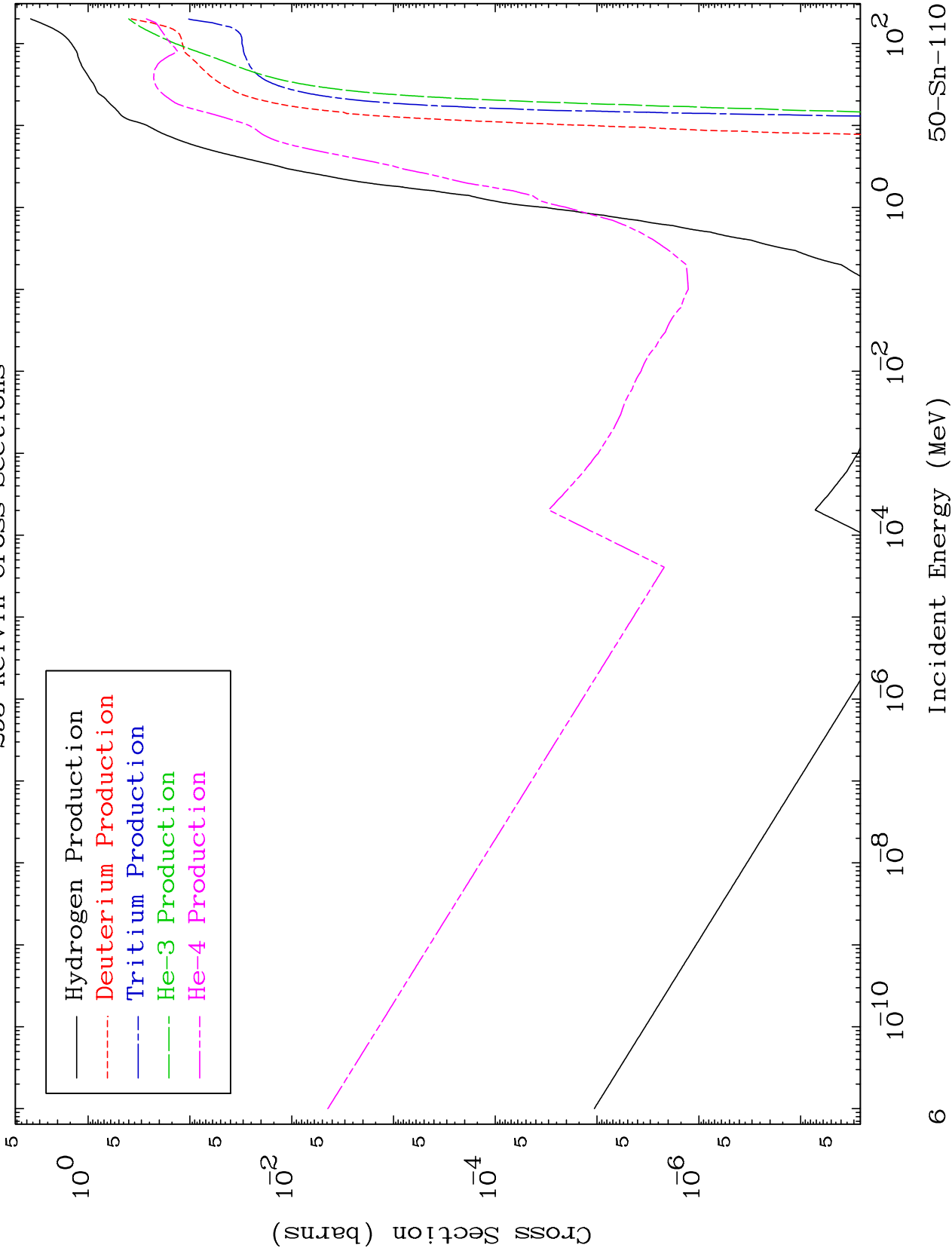
50-Sn-110



MAT 5019

Particle Production
293 Kelvin Cross Sections

50-Sn-110

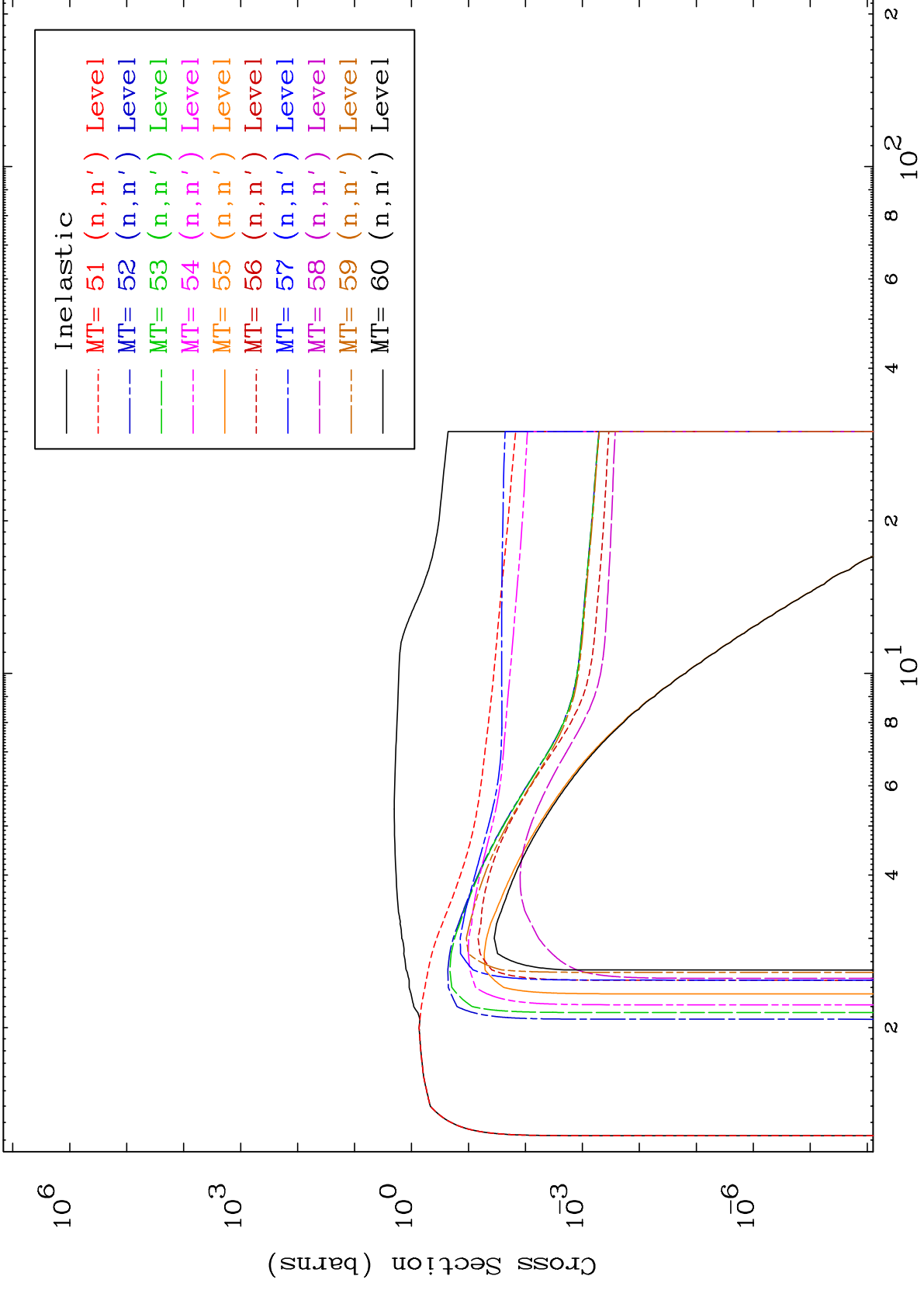


MAT 5019

(n,n') Level

50-Sn-110

293 Kelvin Cross Sections

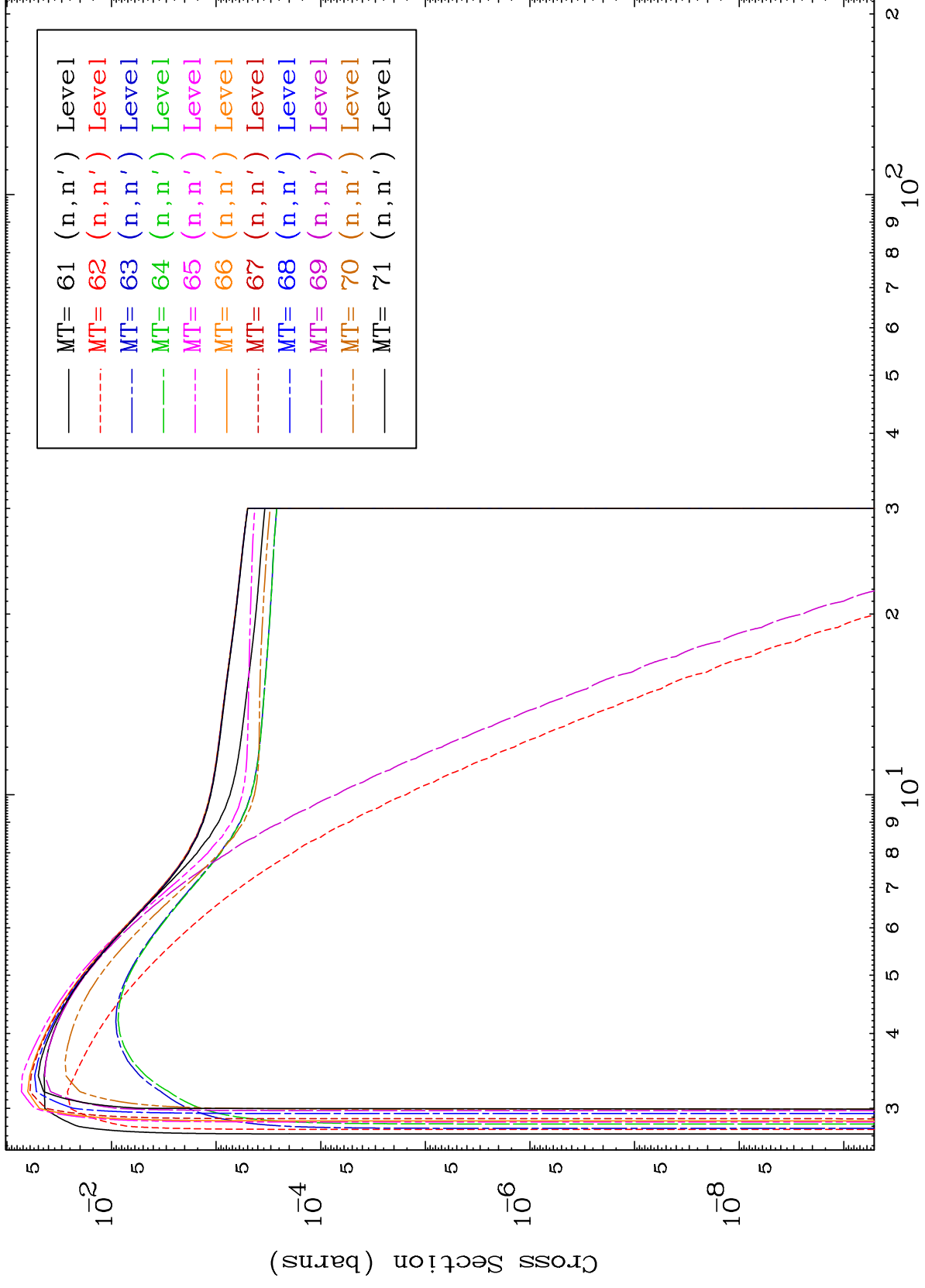


MAT 5019

(n,n') Level

50-Sn-110

293 Kelvin Cross Sections



8

Incident Energy (MeV)

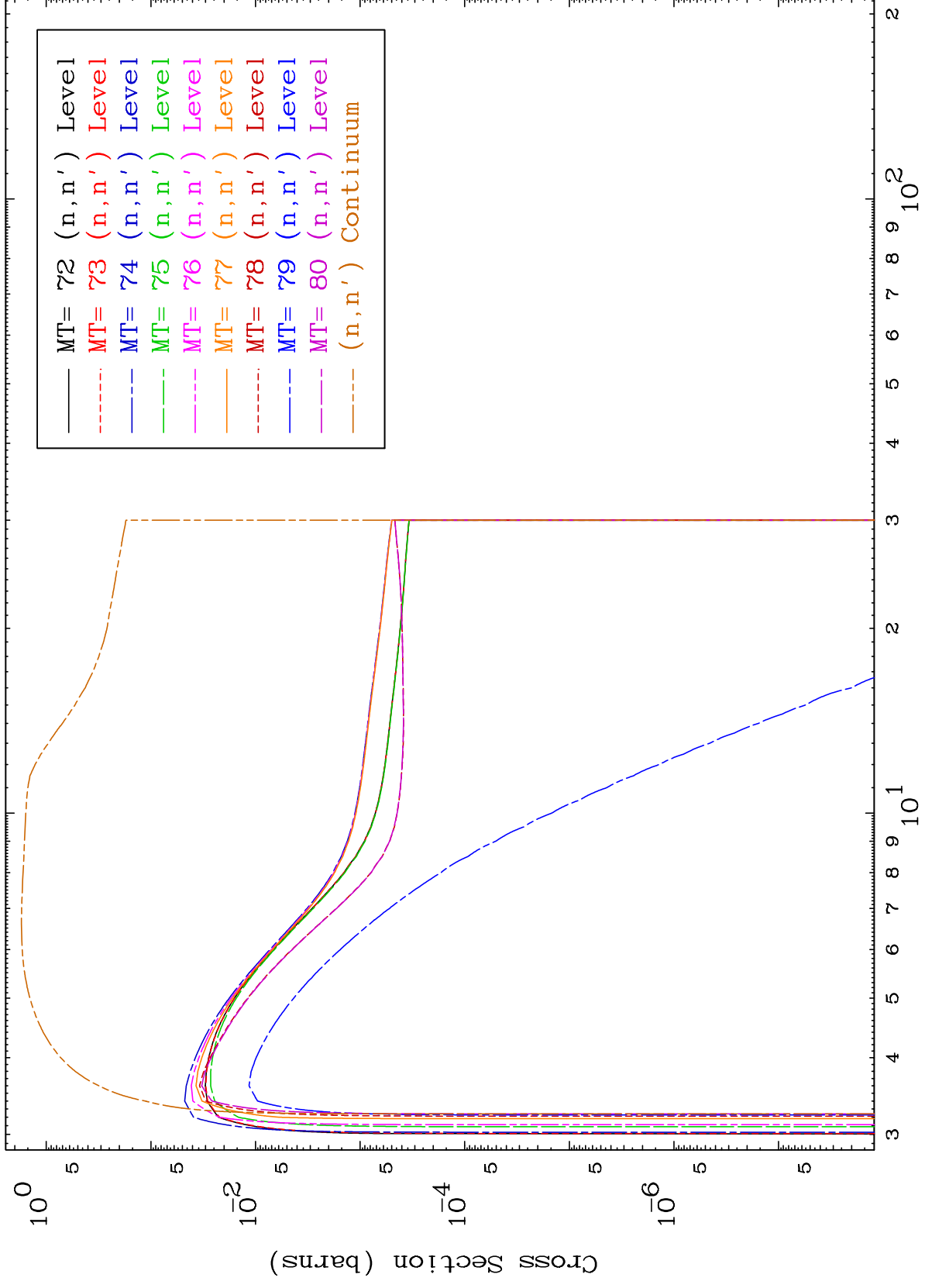
50-Sn-110

MAT 5019

(n,n') Level

50-Sn-110

293 Kelvin Cross Sections



9

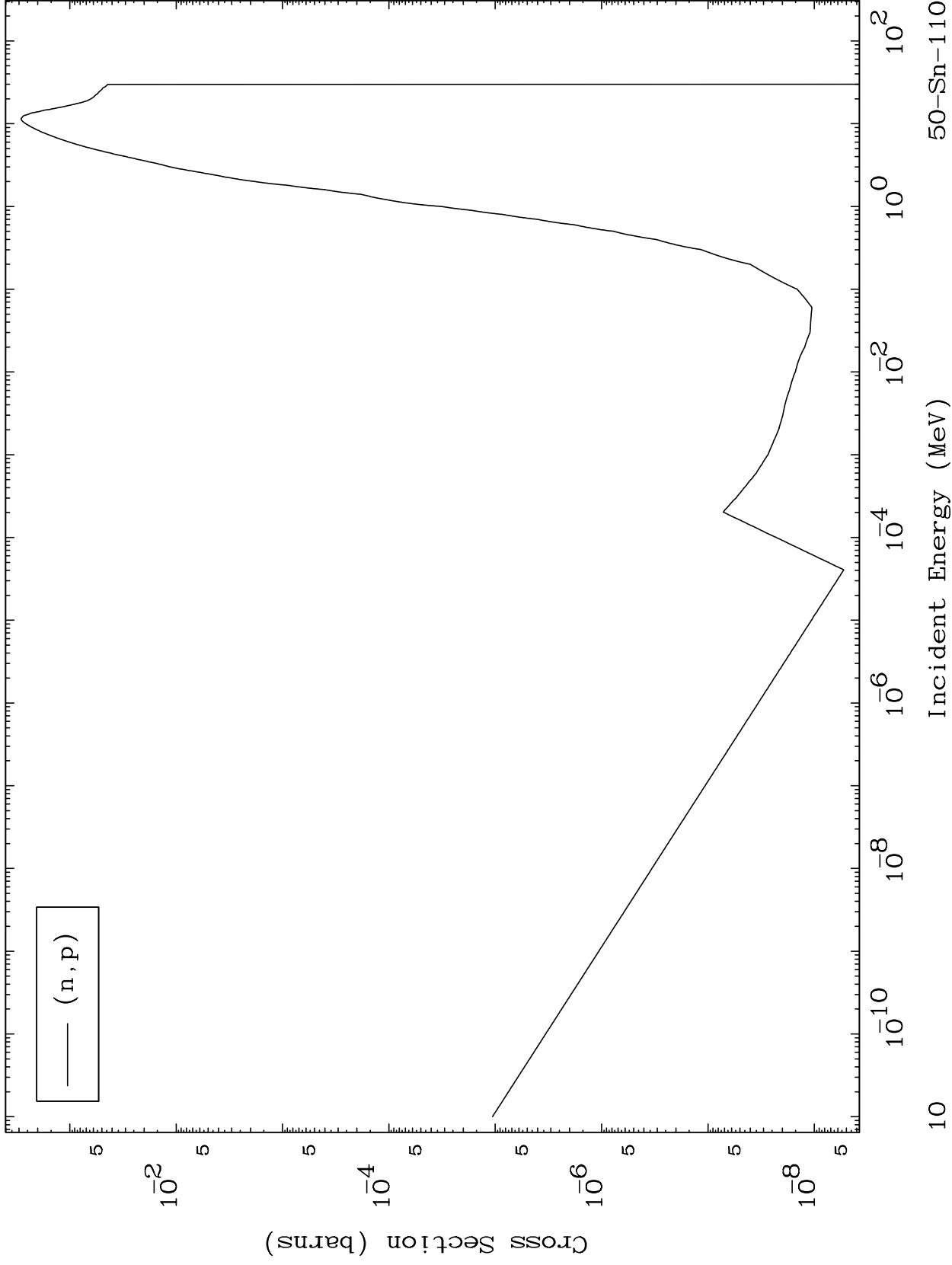
Incident Energy (MeV)

50-Sn-110

MAT 5019

(n,p) Levels
293 Kelvin Cross Sections

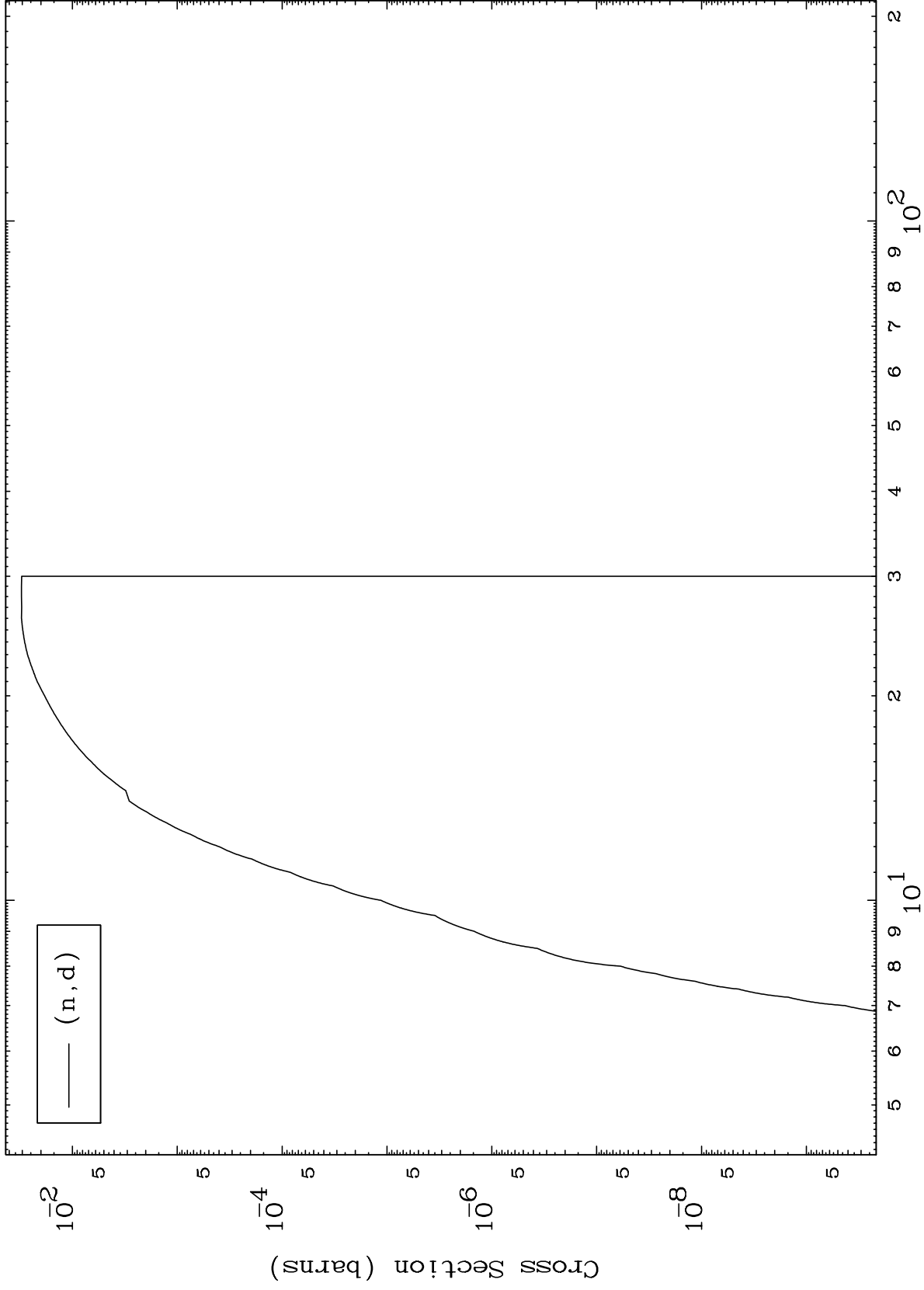
50-Sn-110



MAT 5019

(n,d) Levels
293 Kelvin Cross Sections

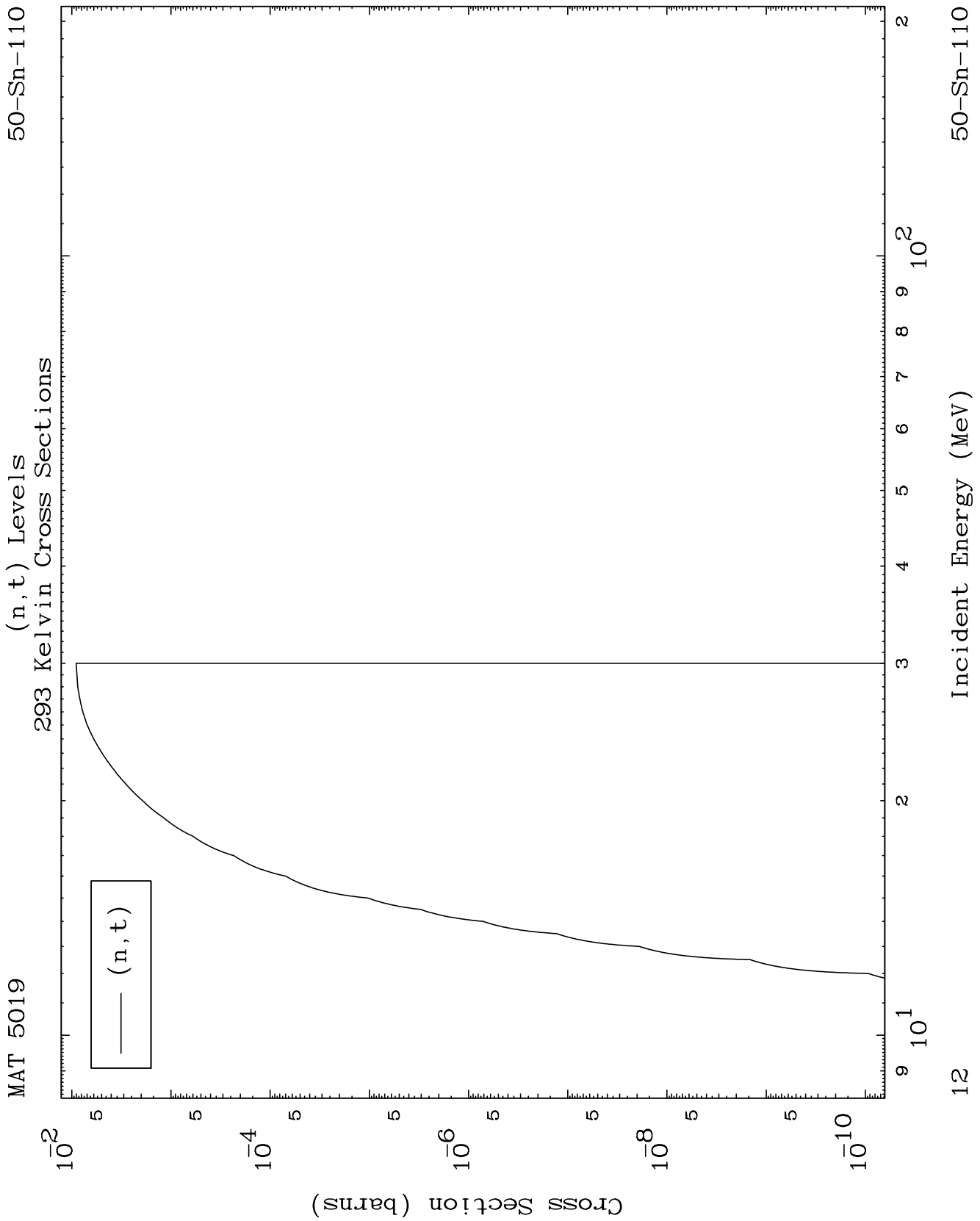
50-Sn-110



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Incident Energy (MeV)

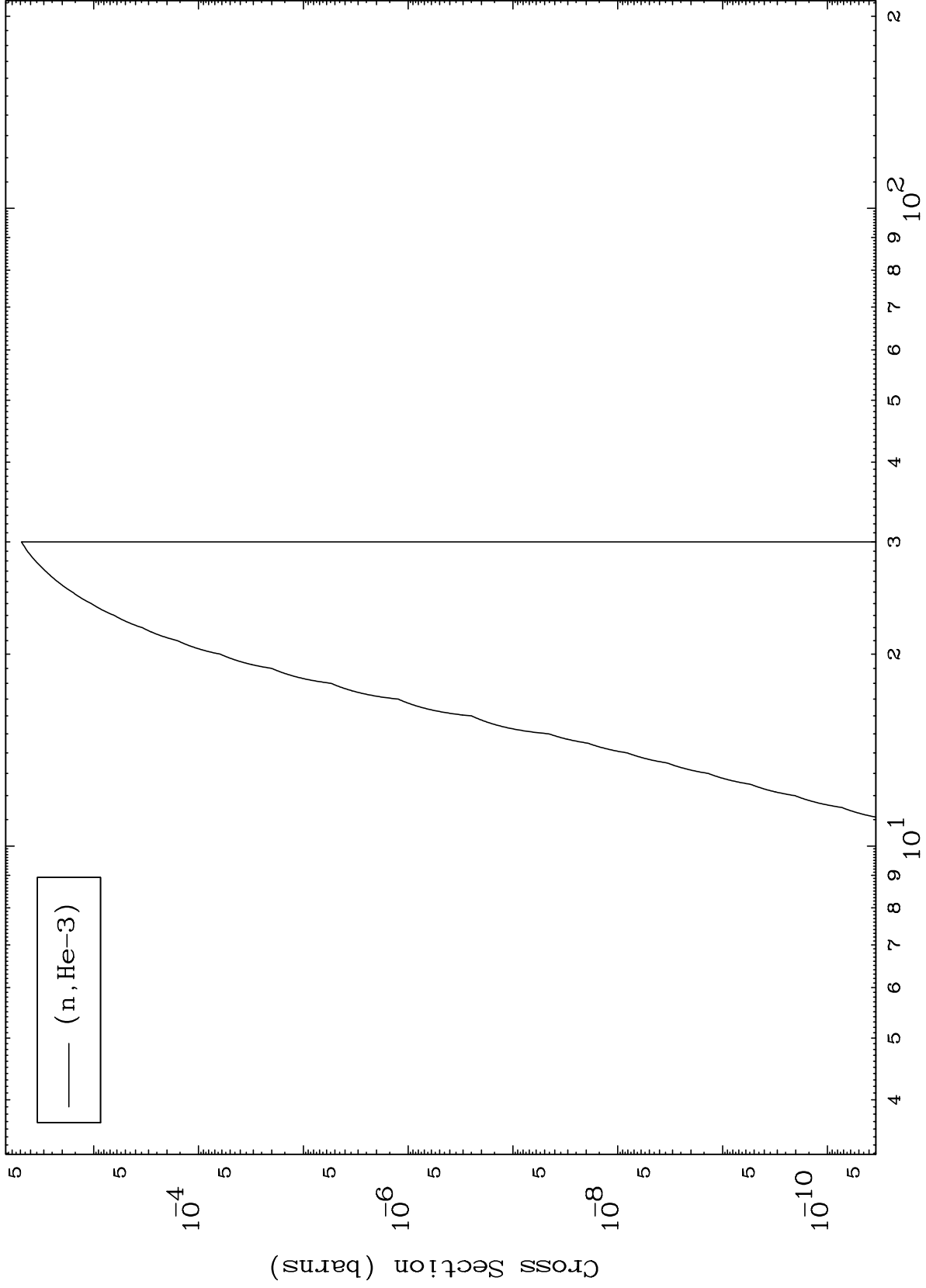
50-Sn-110



MAT 5019

(n,He3) Levels
293 Kelvin Cross Sections

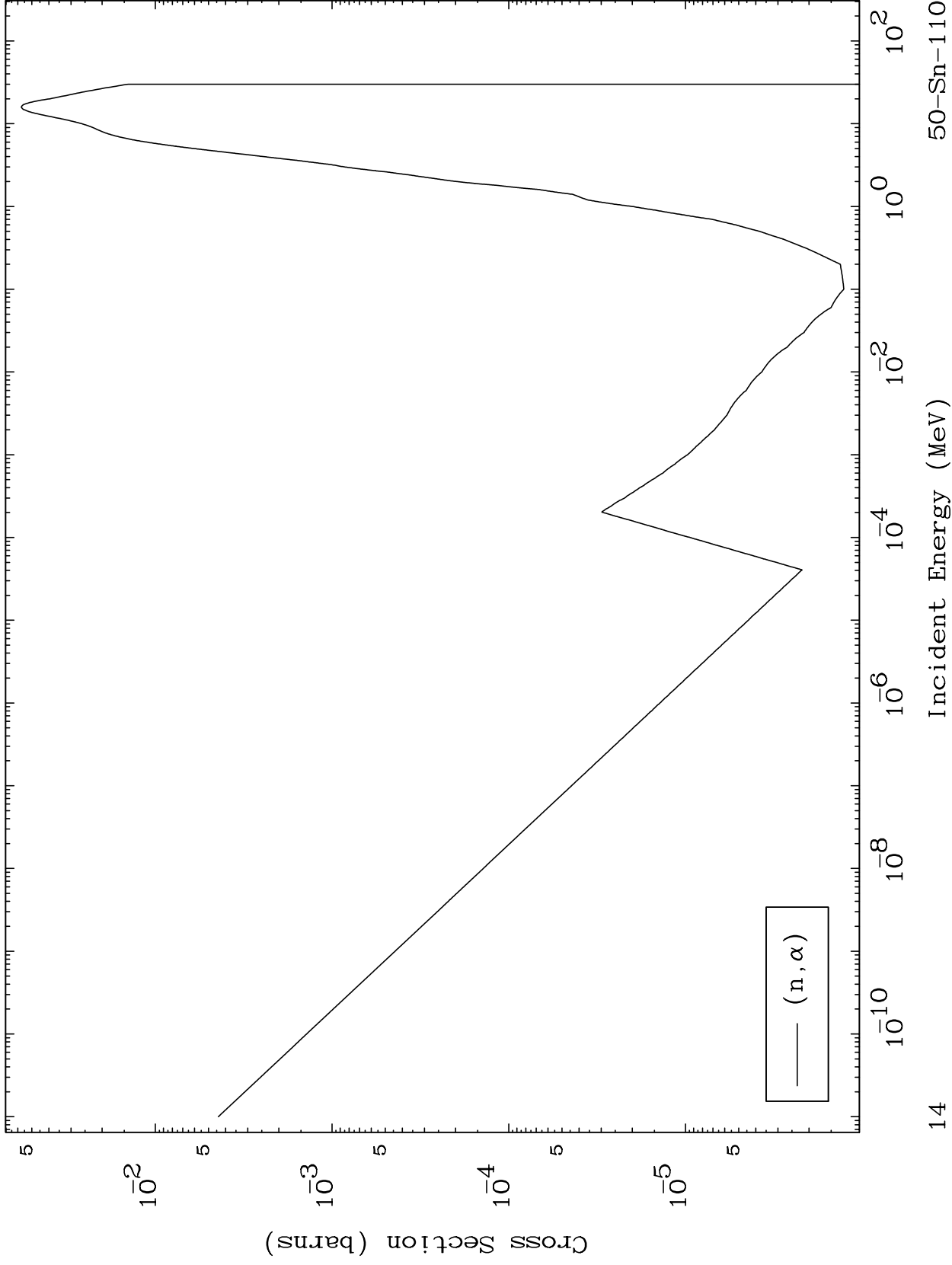
50-Sn-110



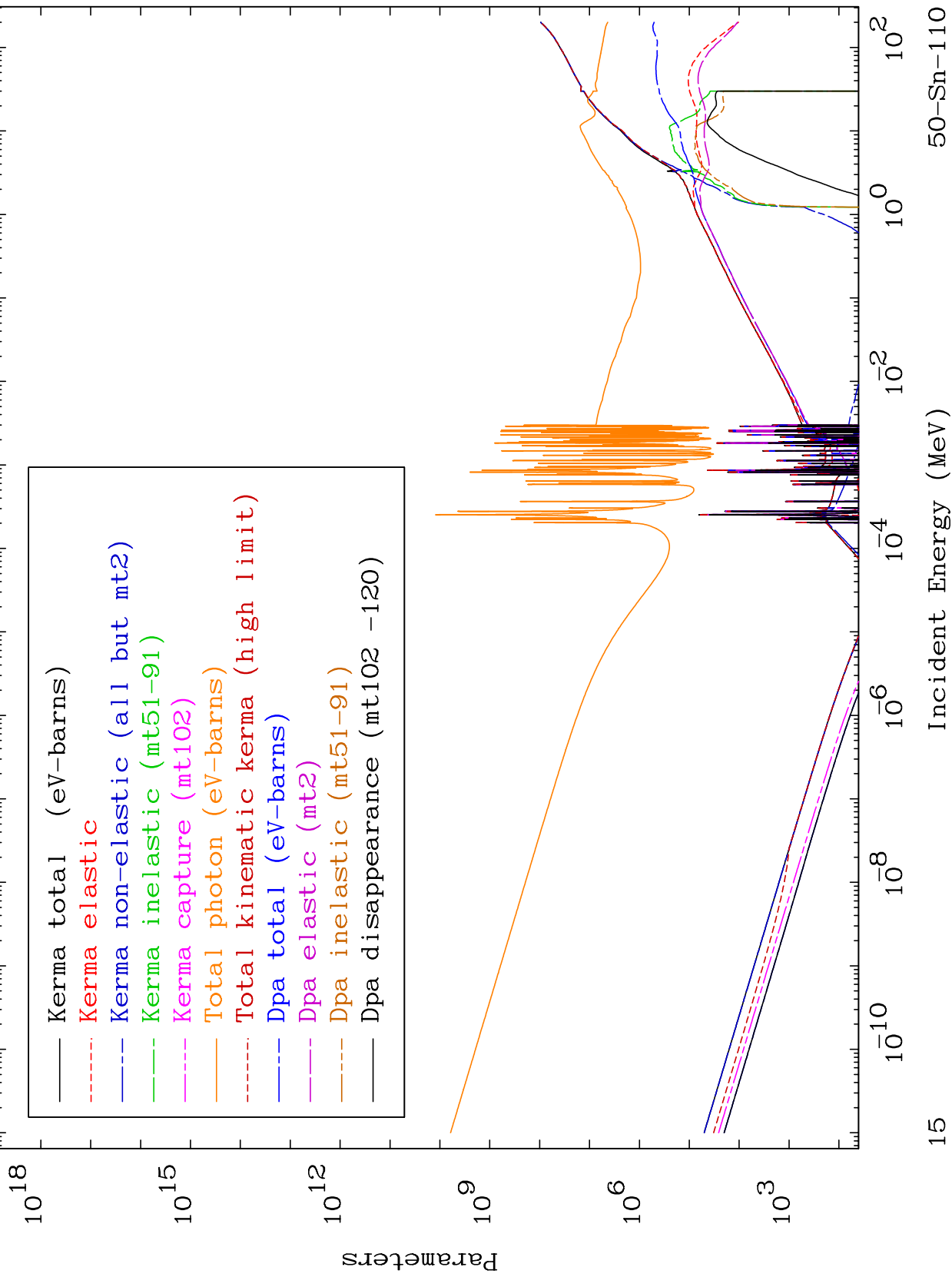
MAT 5019

(n,α) Levels
293 Kelvin Cross Sections

50-Sn-110



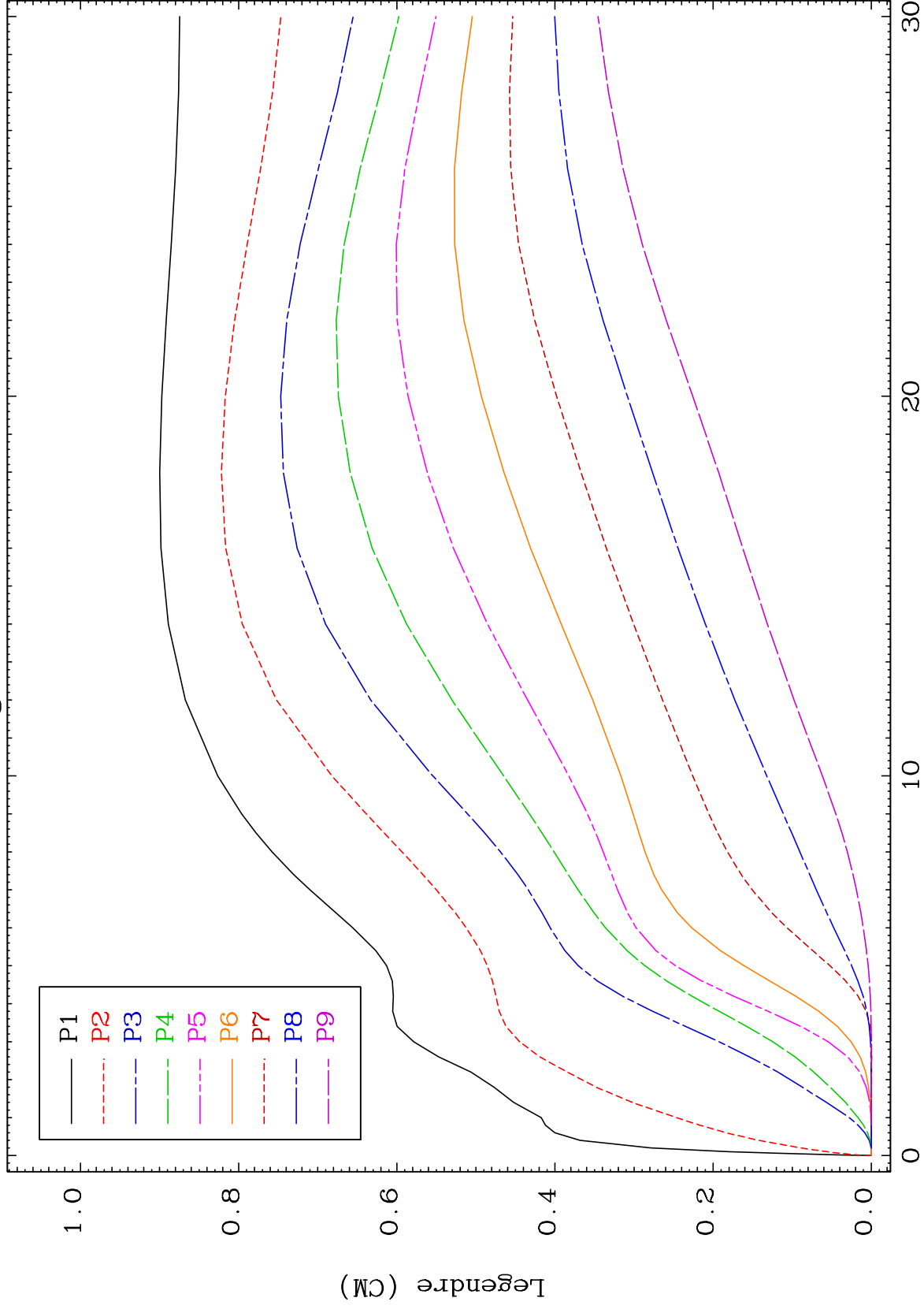
14



MAT 5019

Elastic Legendre Coefficients

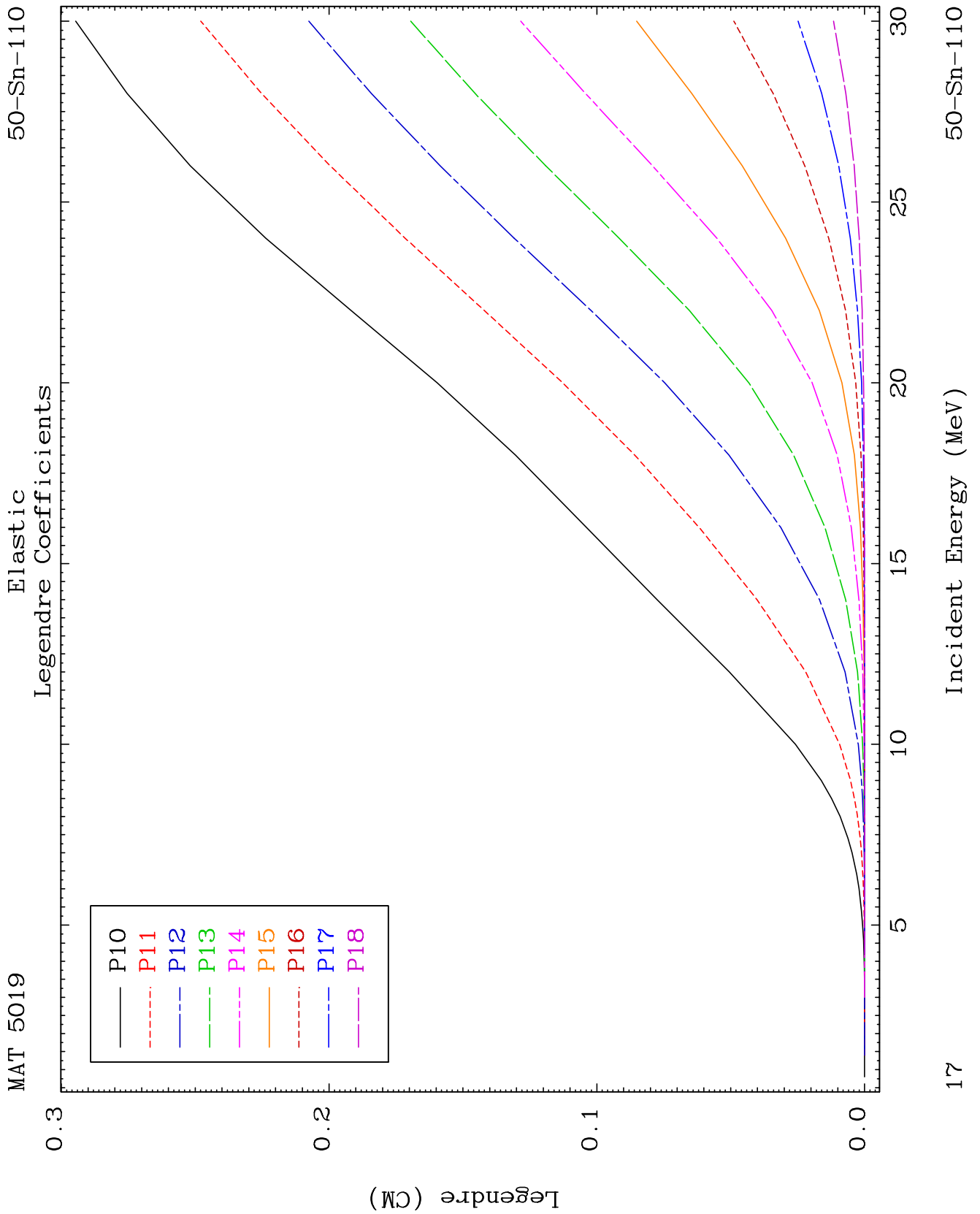
50-Sn-110



16

Incident Energy (MeV)

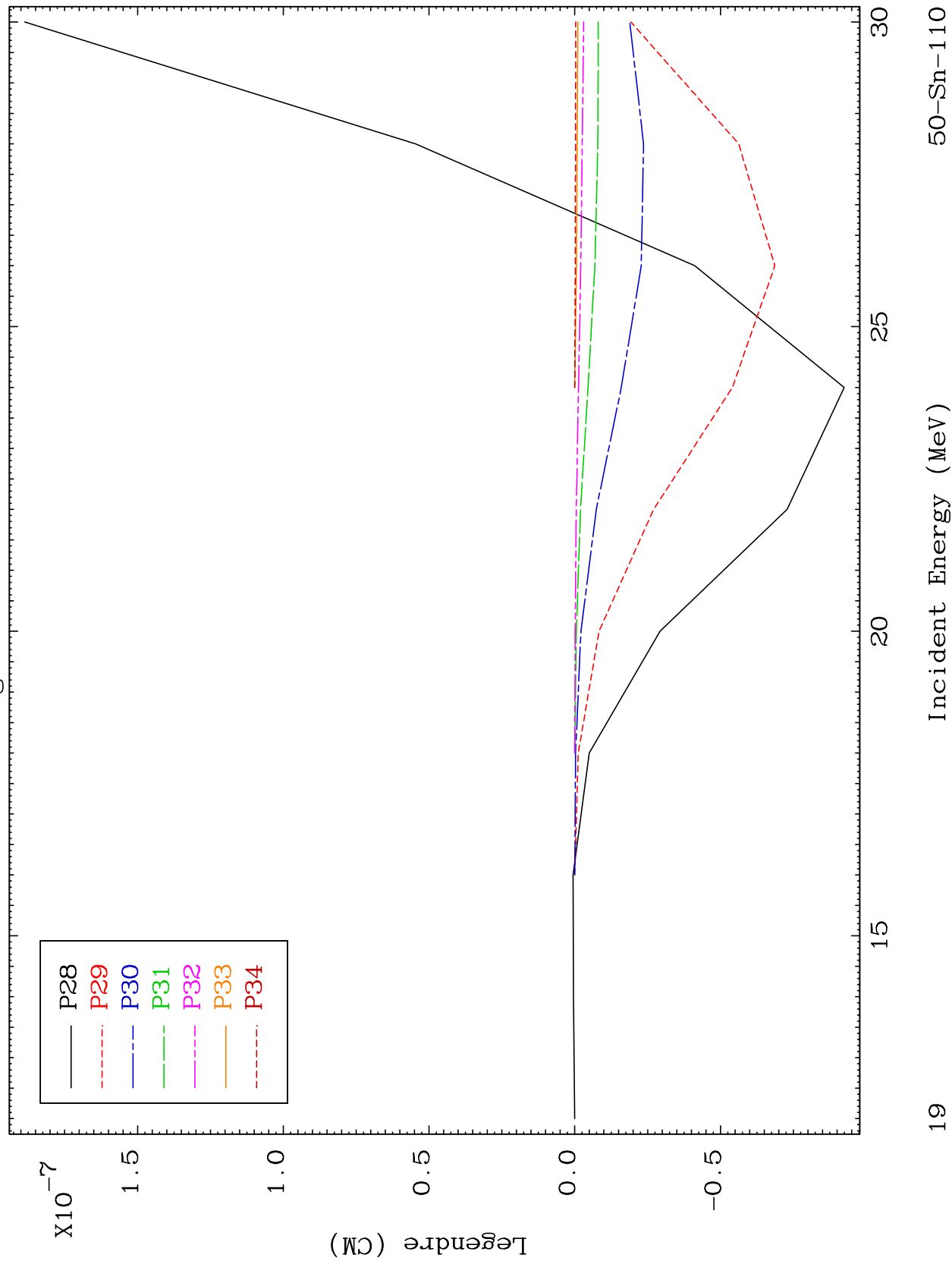
50-Sn-110



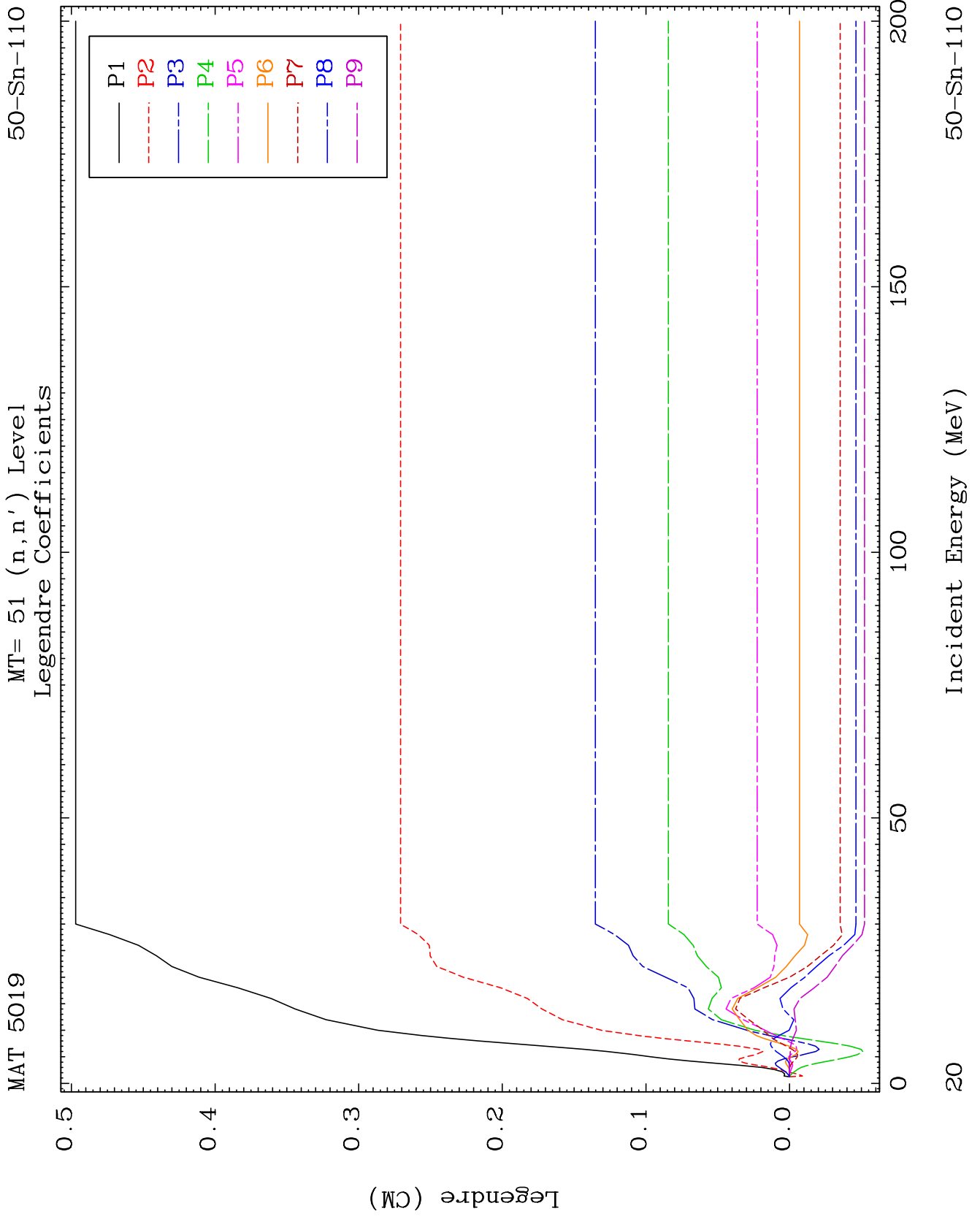
MAT 5019

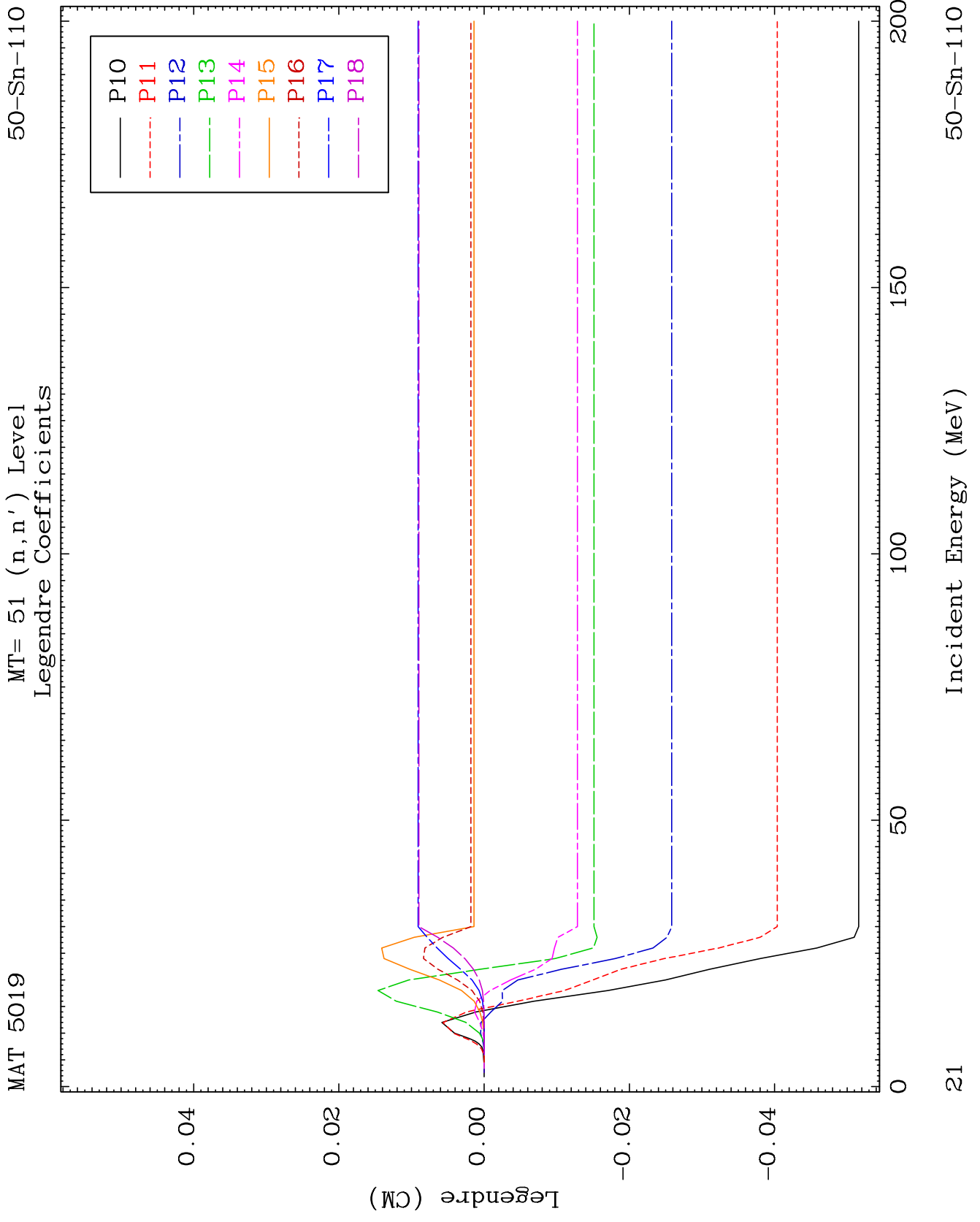
Elastic Legendre Coefficients

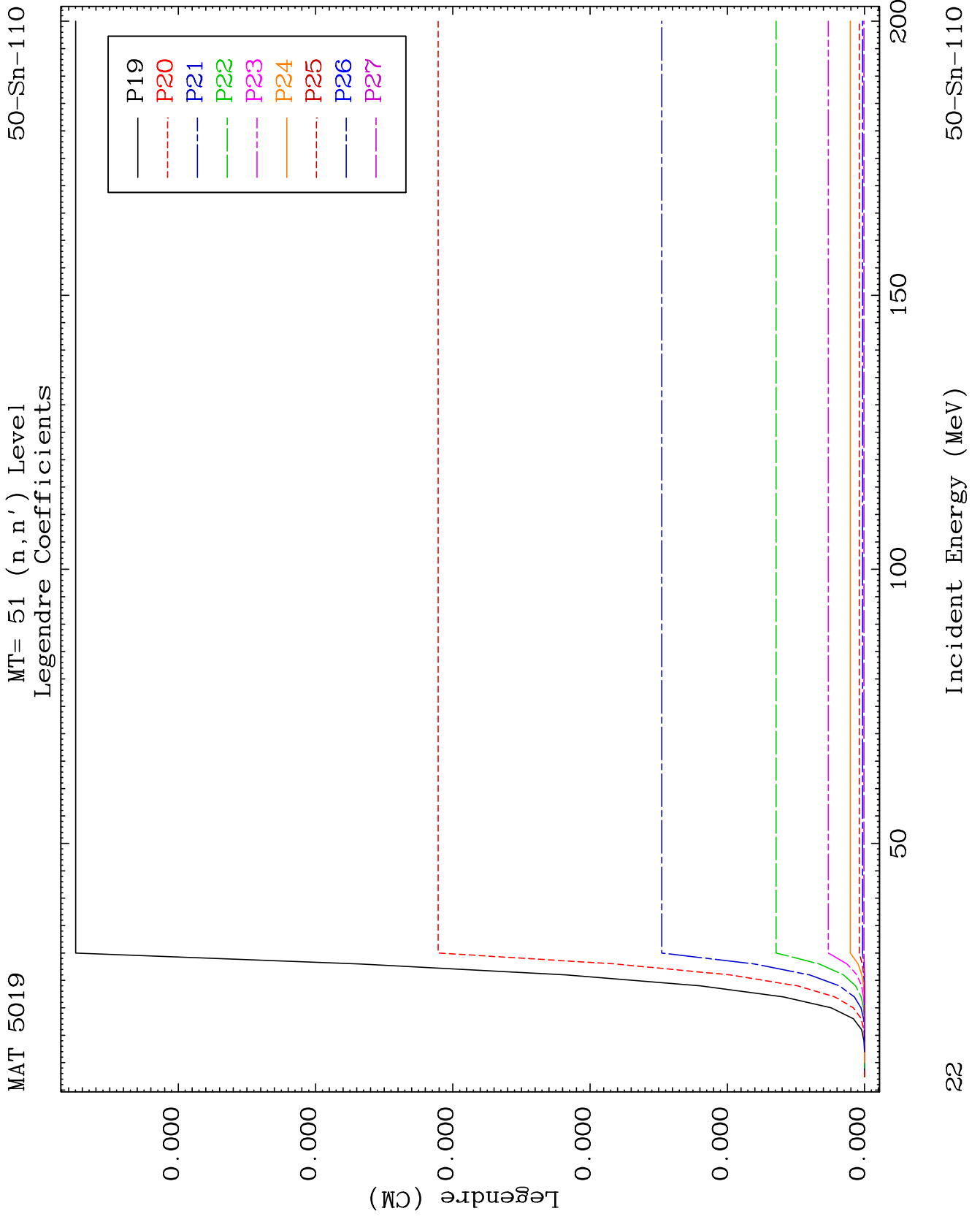
50-Sn-110

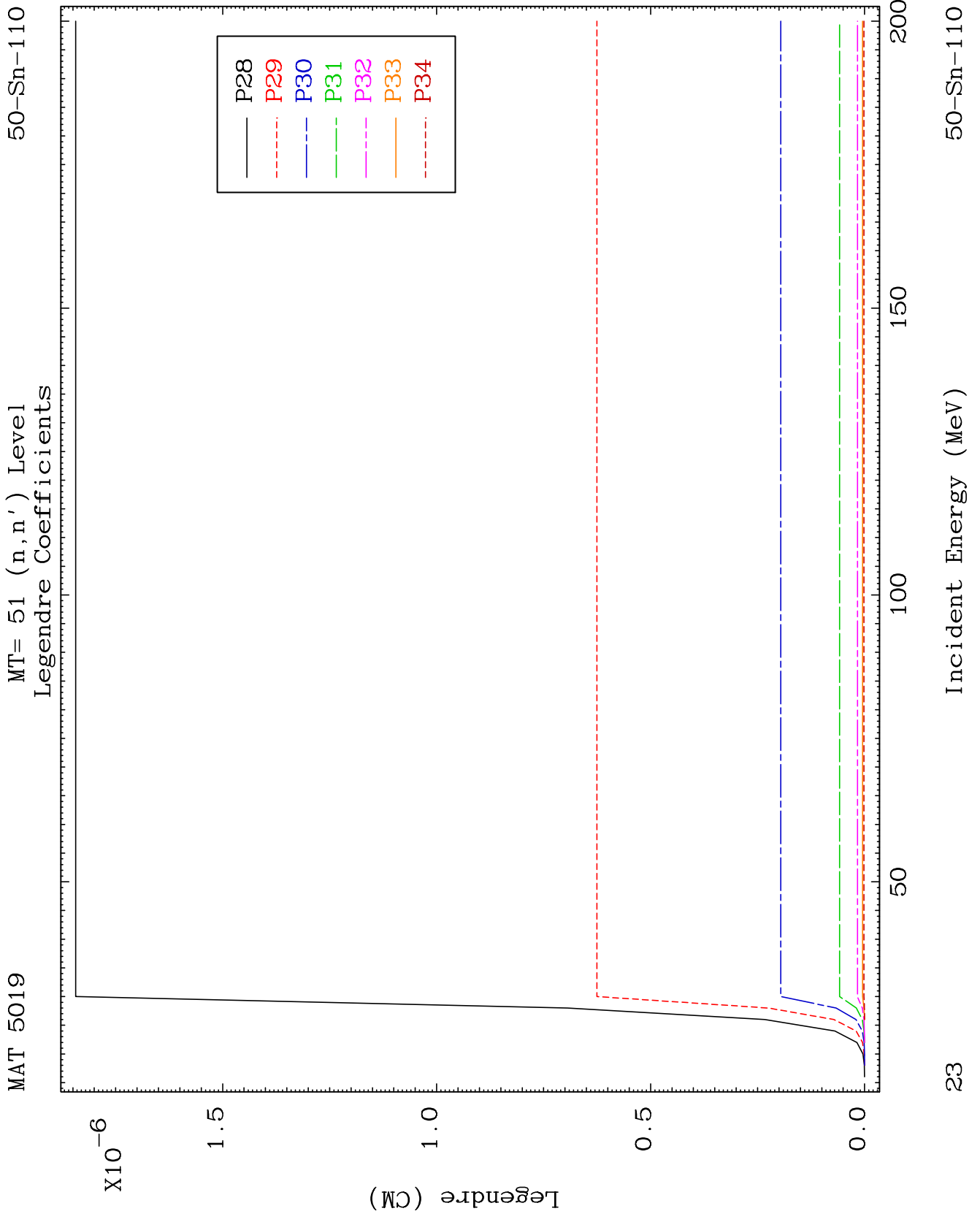


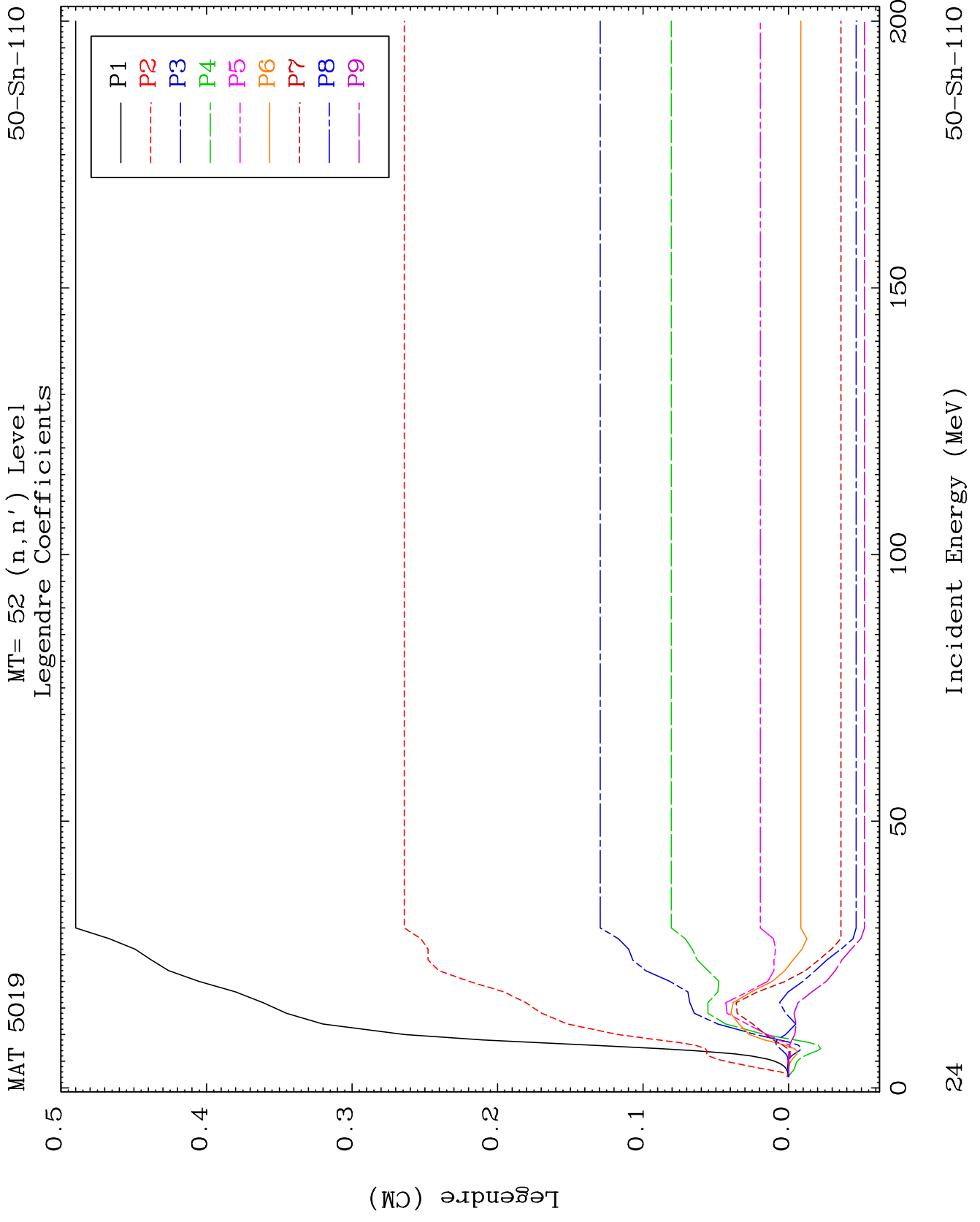
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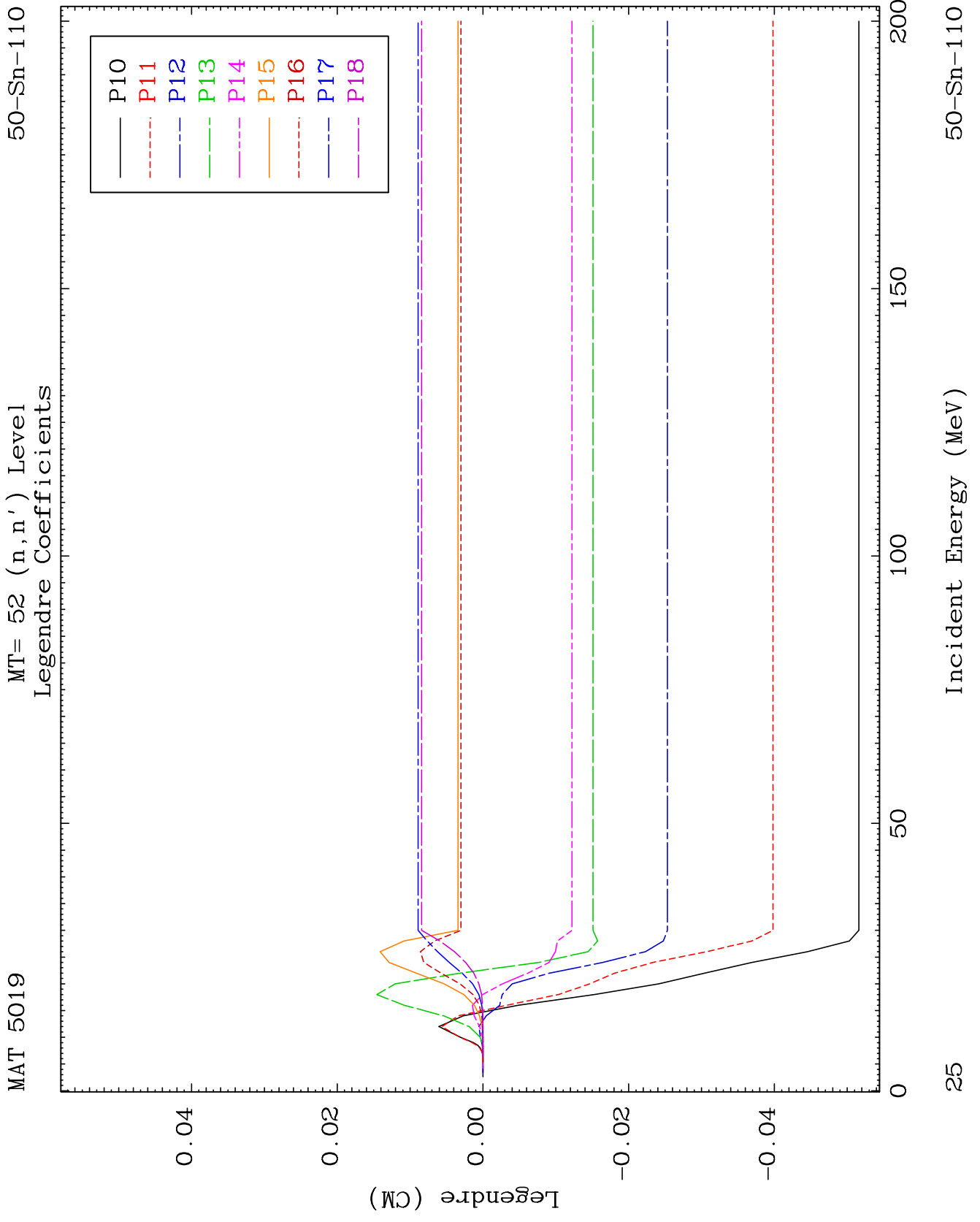








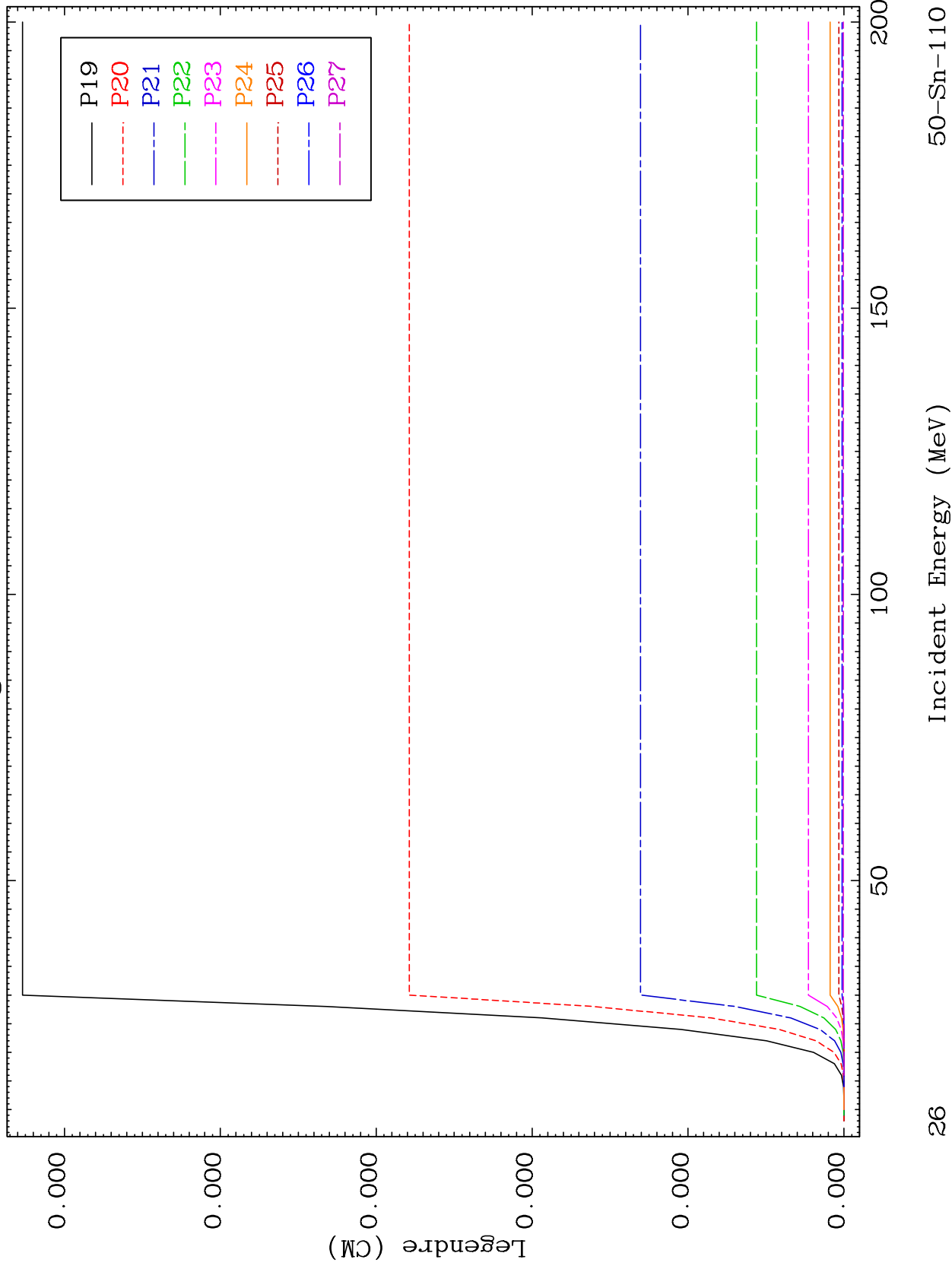




MAT 5019

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

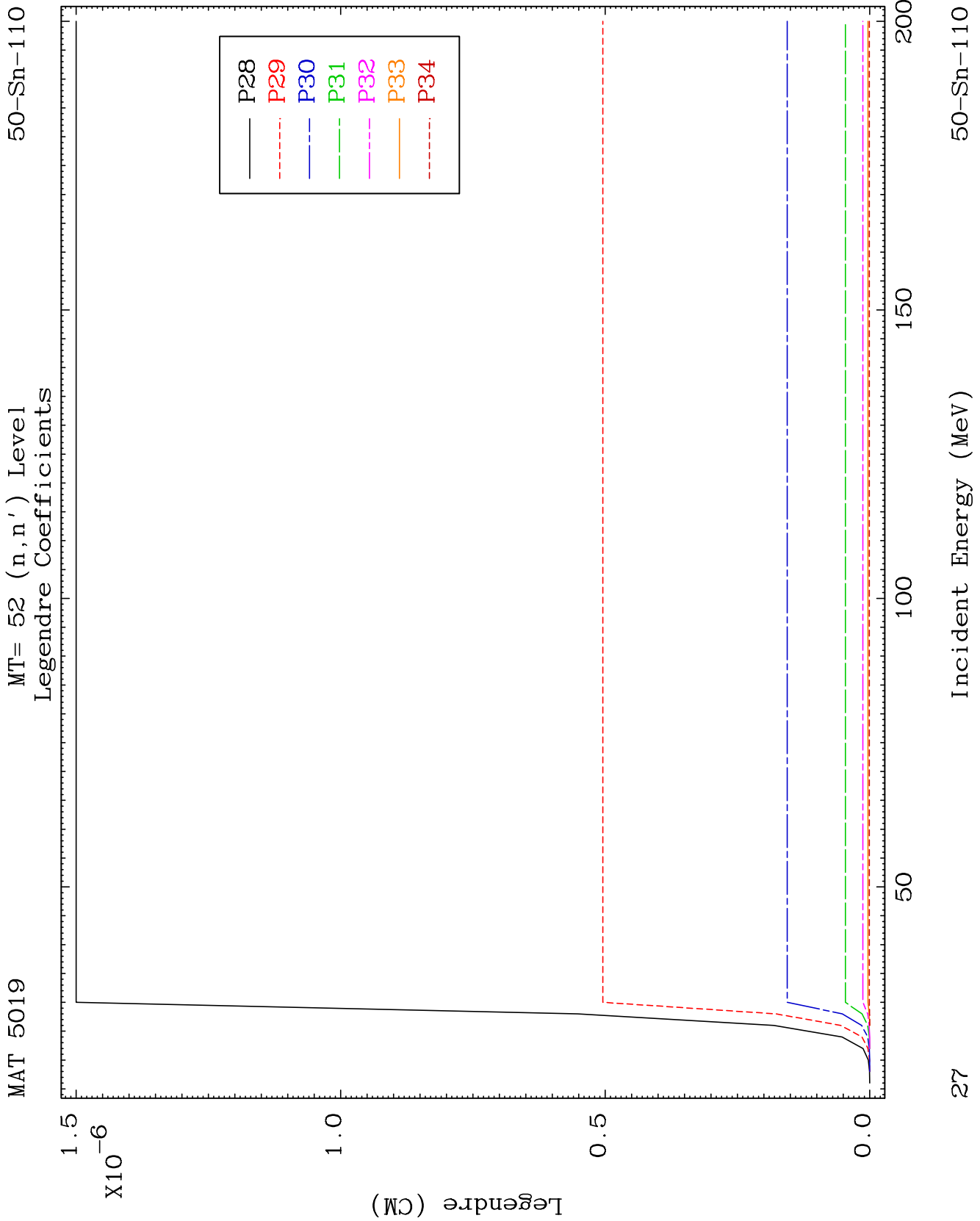
50-Sn-110

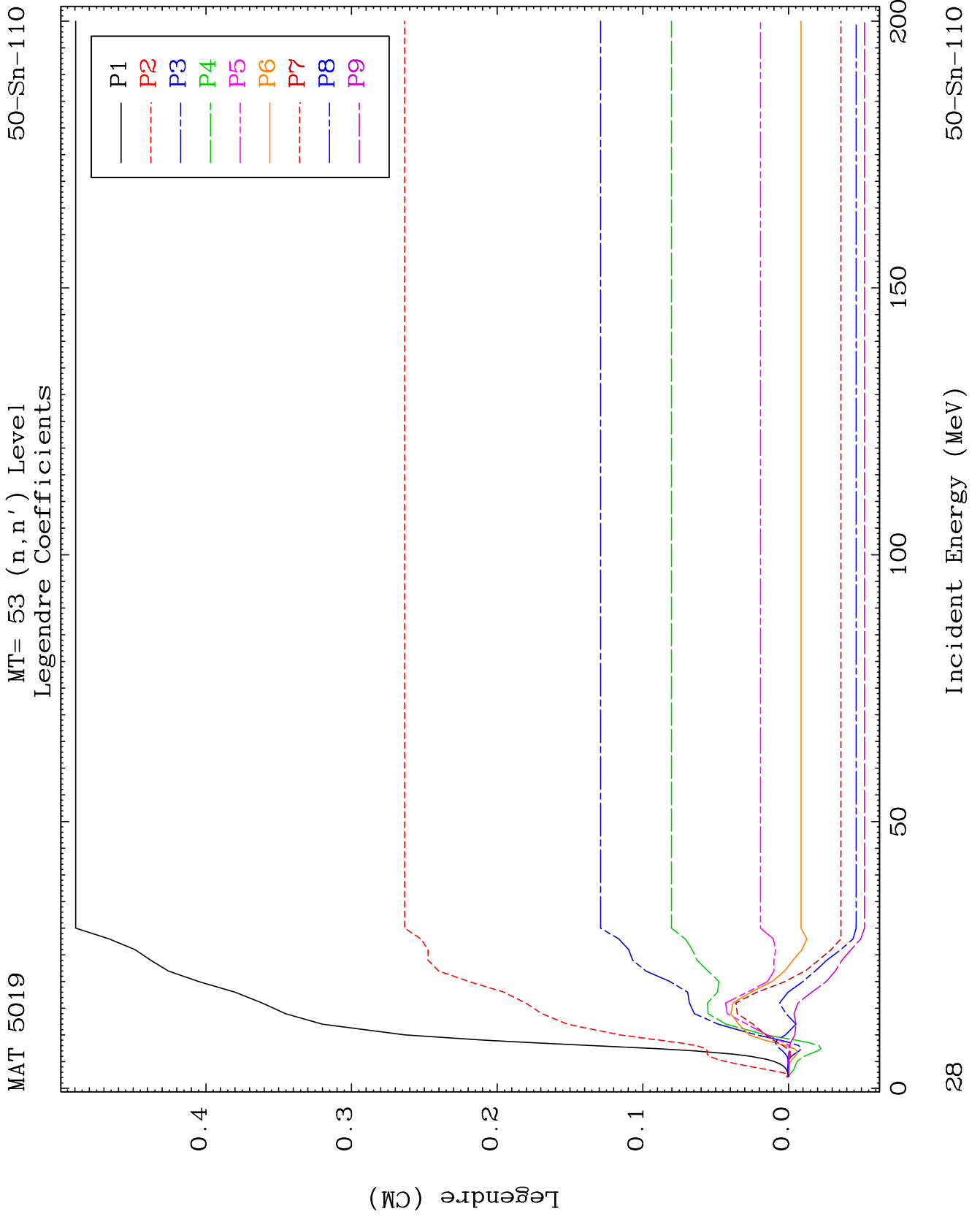


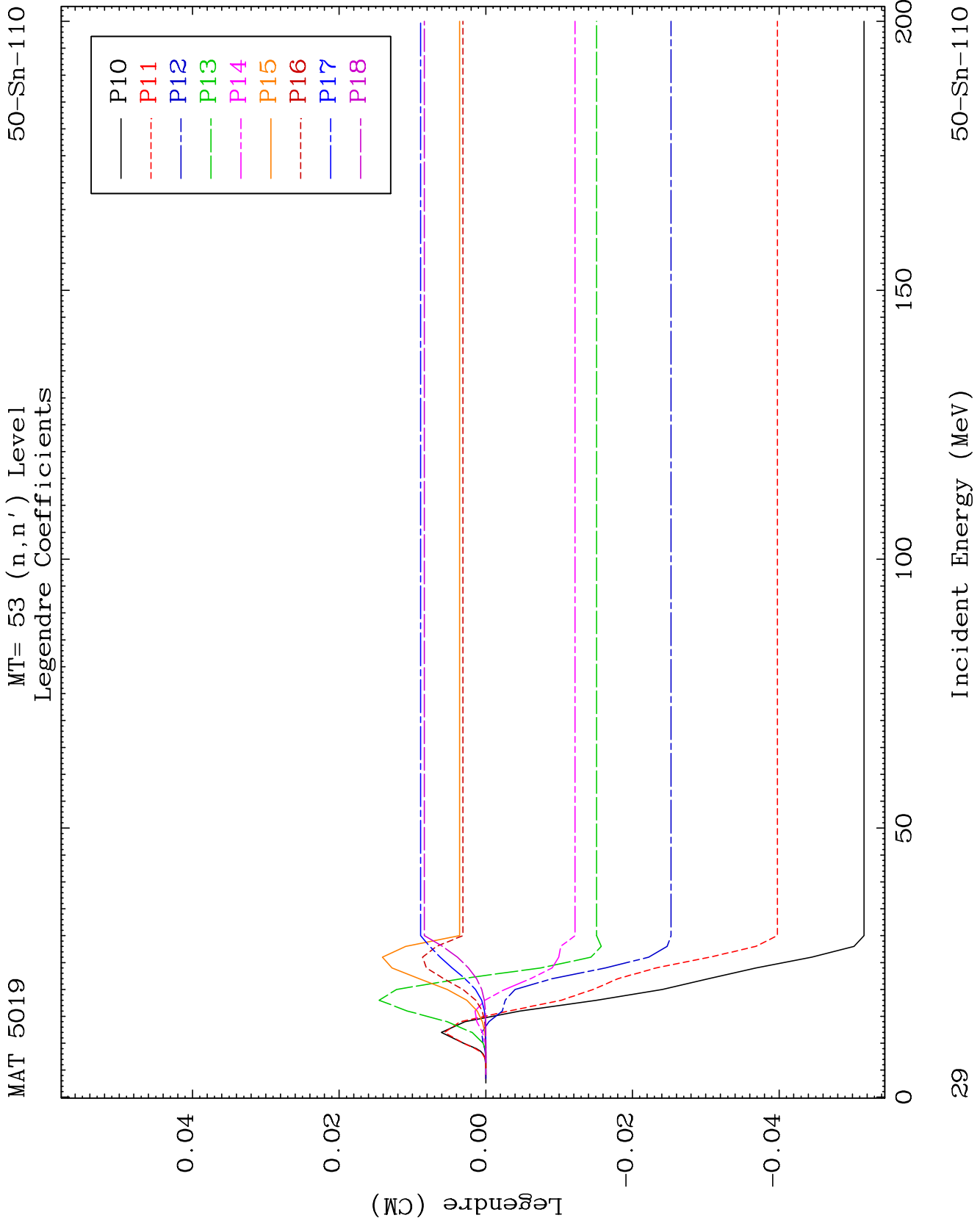
26

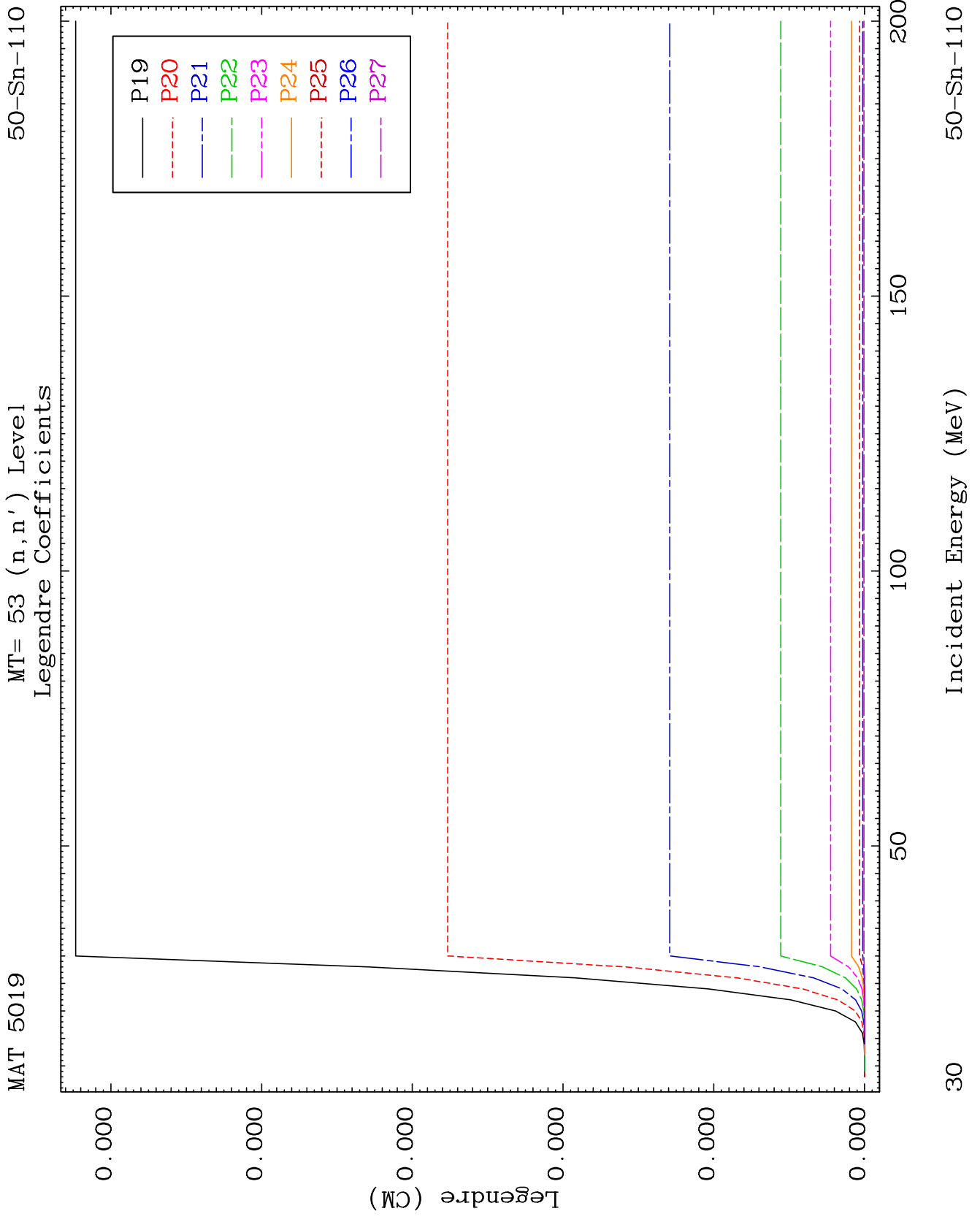
Incident Energy (MeV)

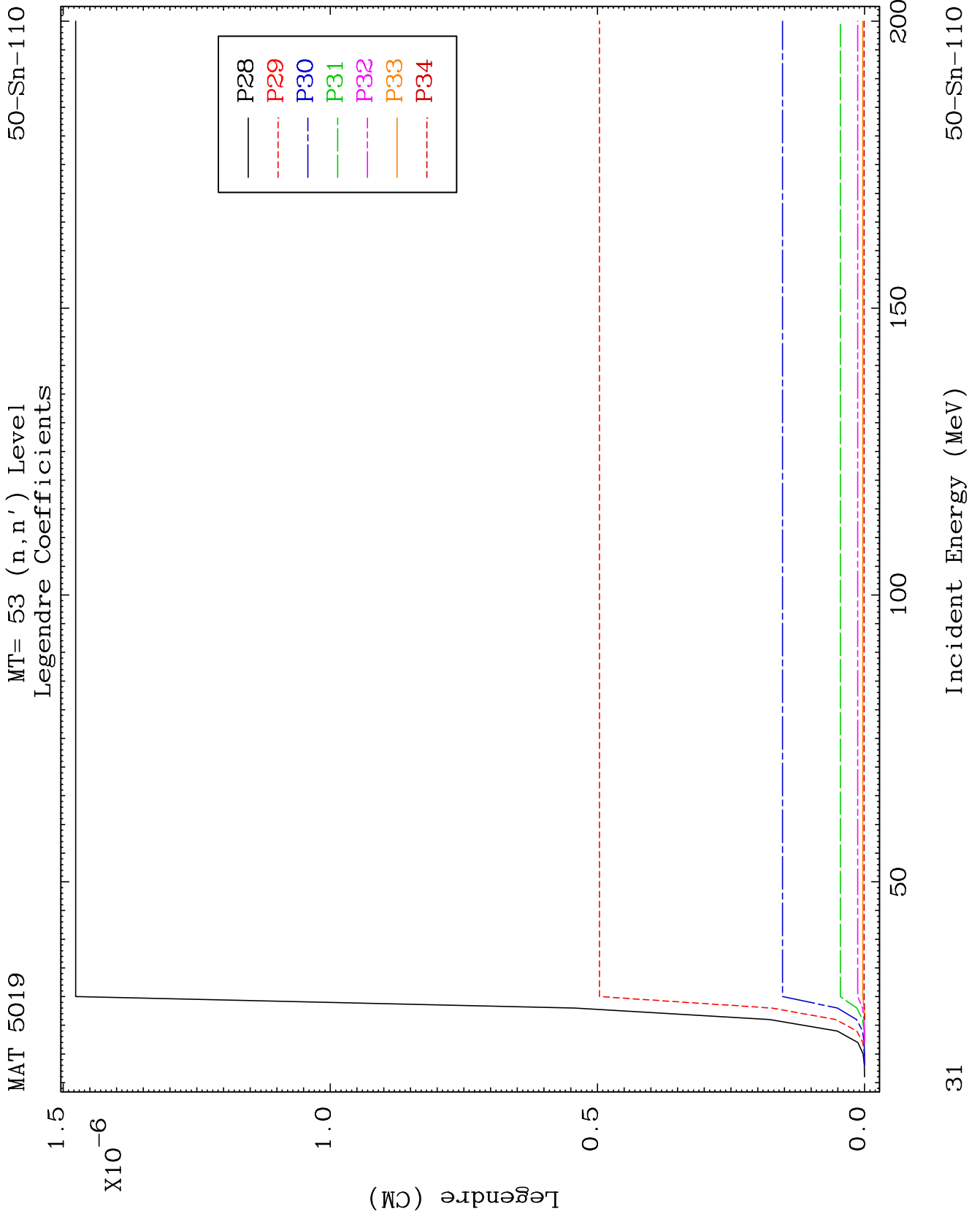
50-Sn-110

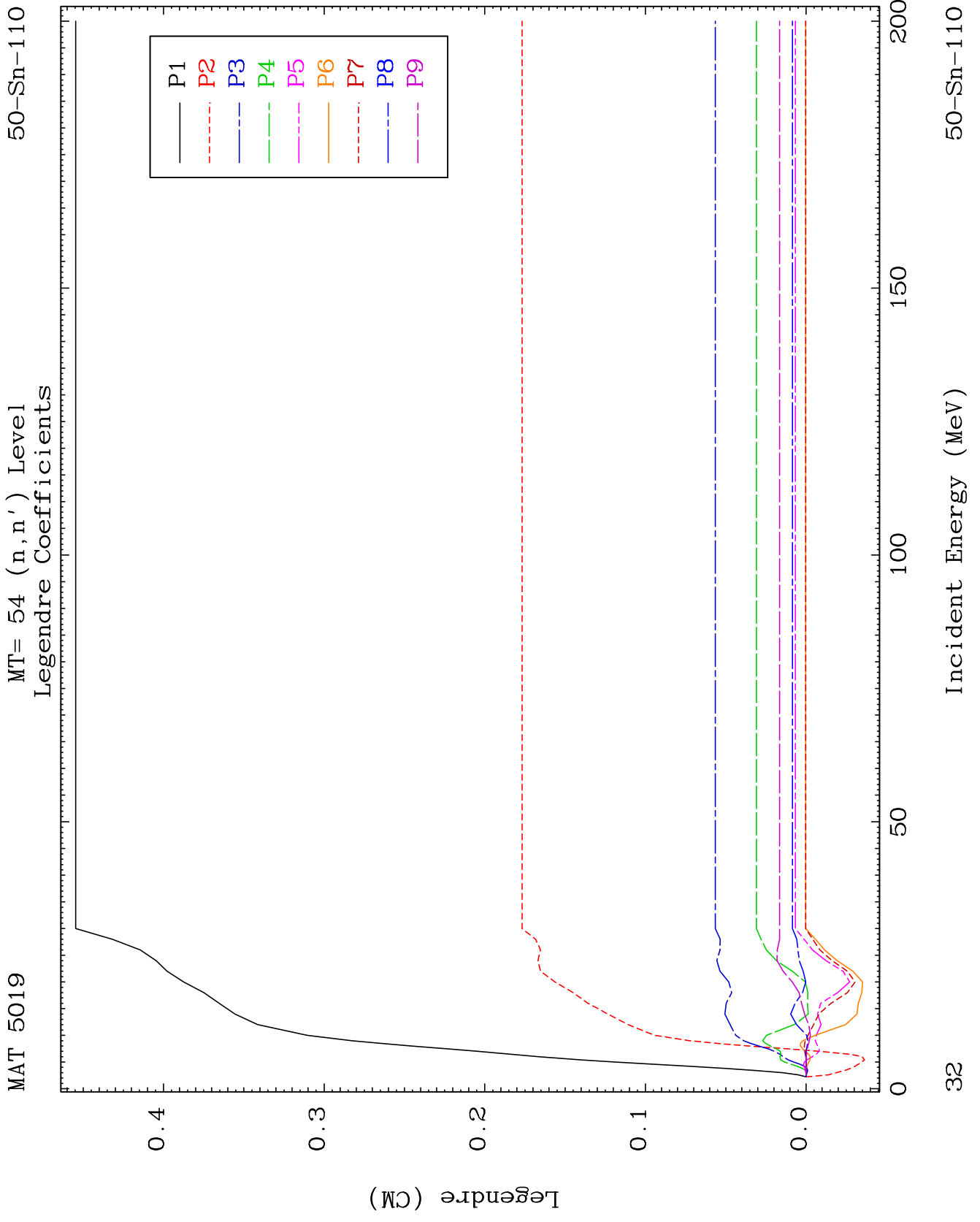


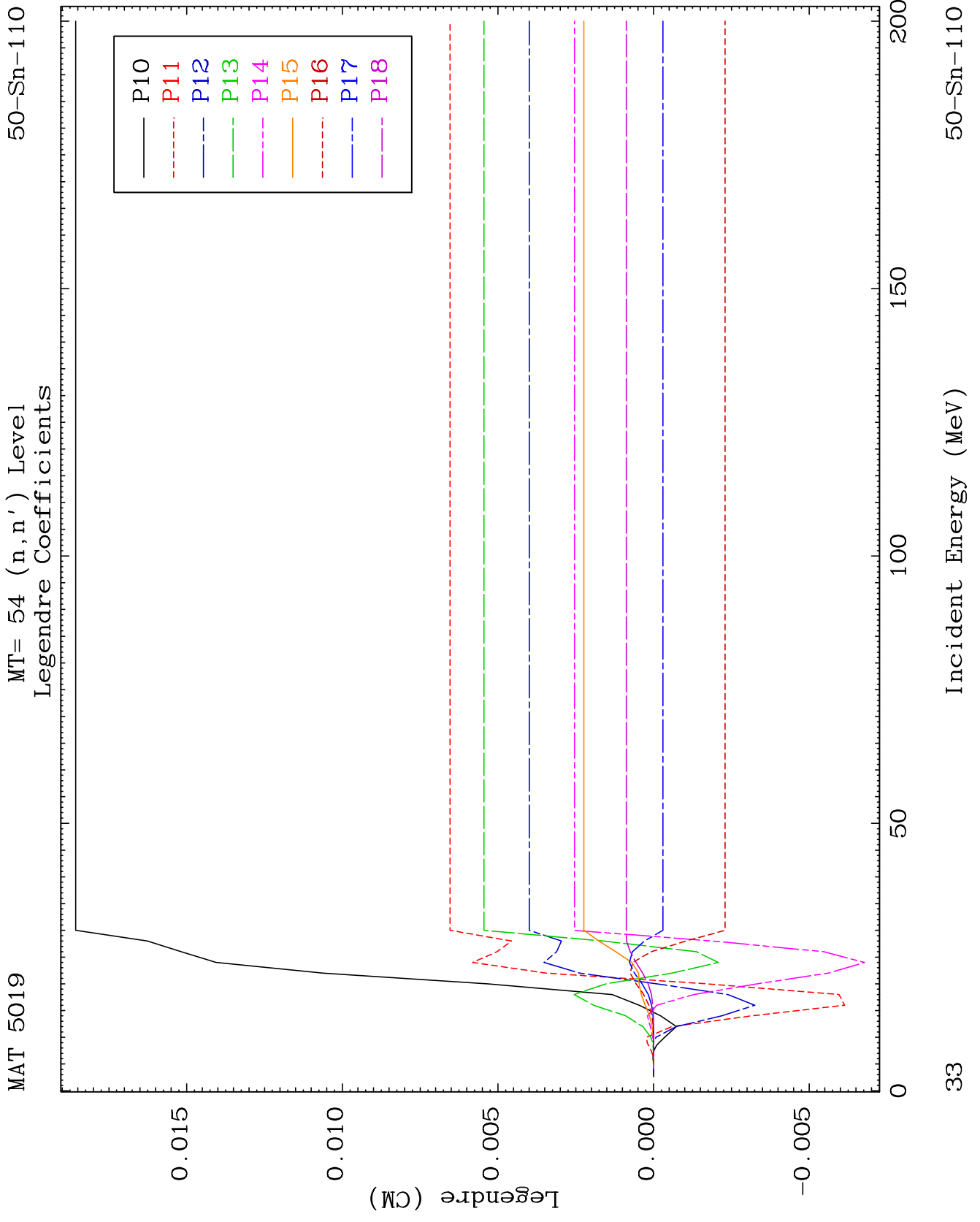








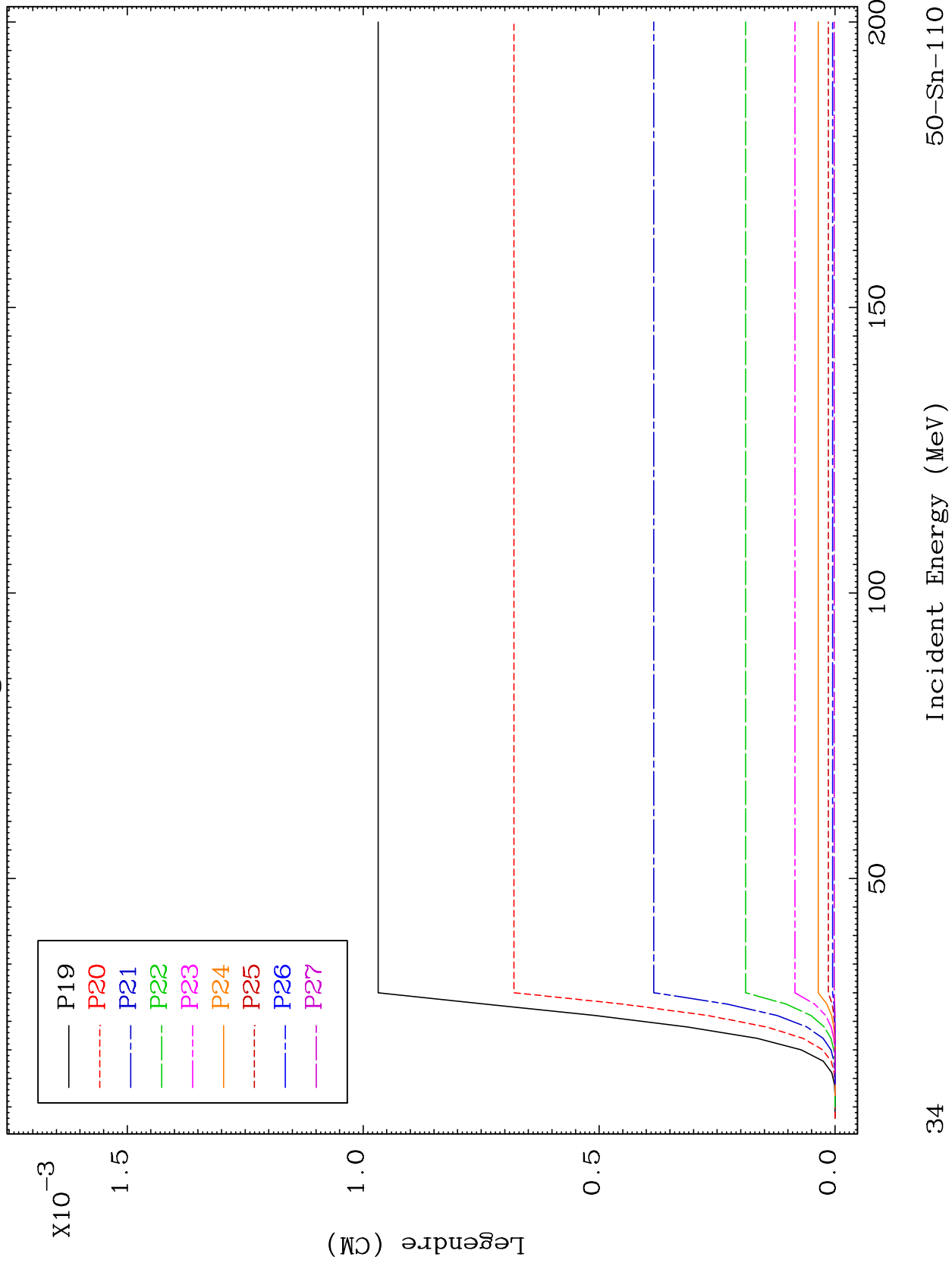


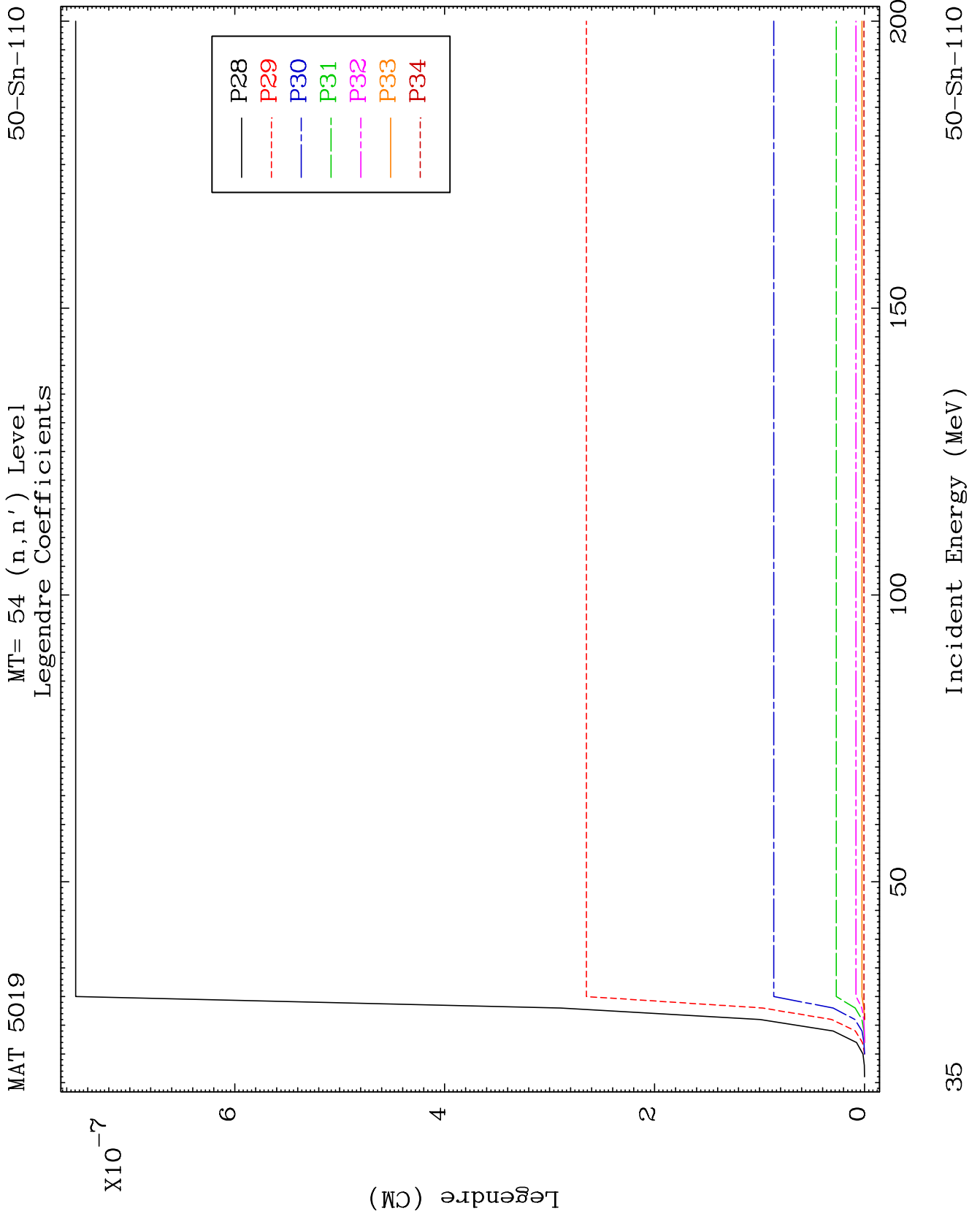


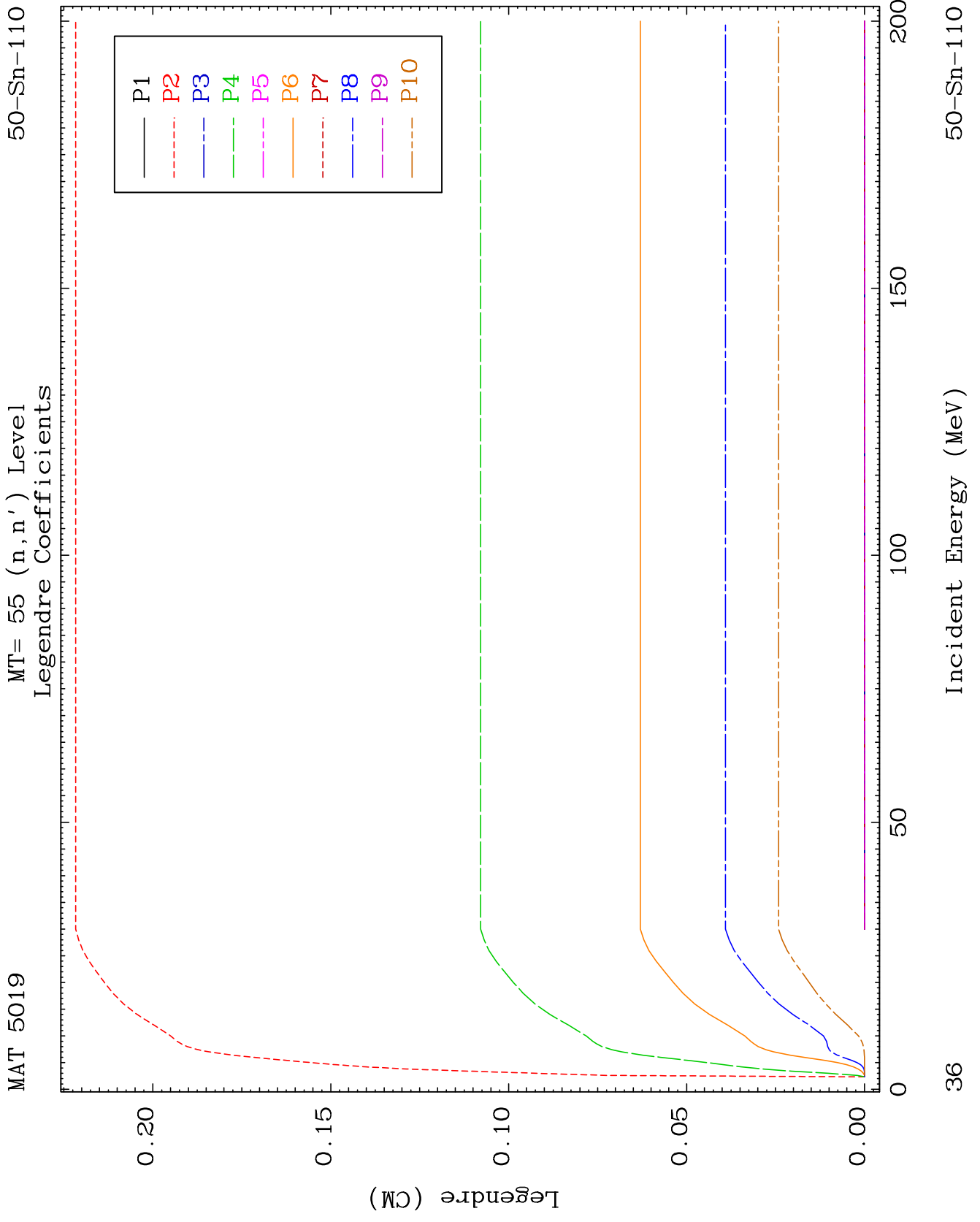
MAT 5019

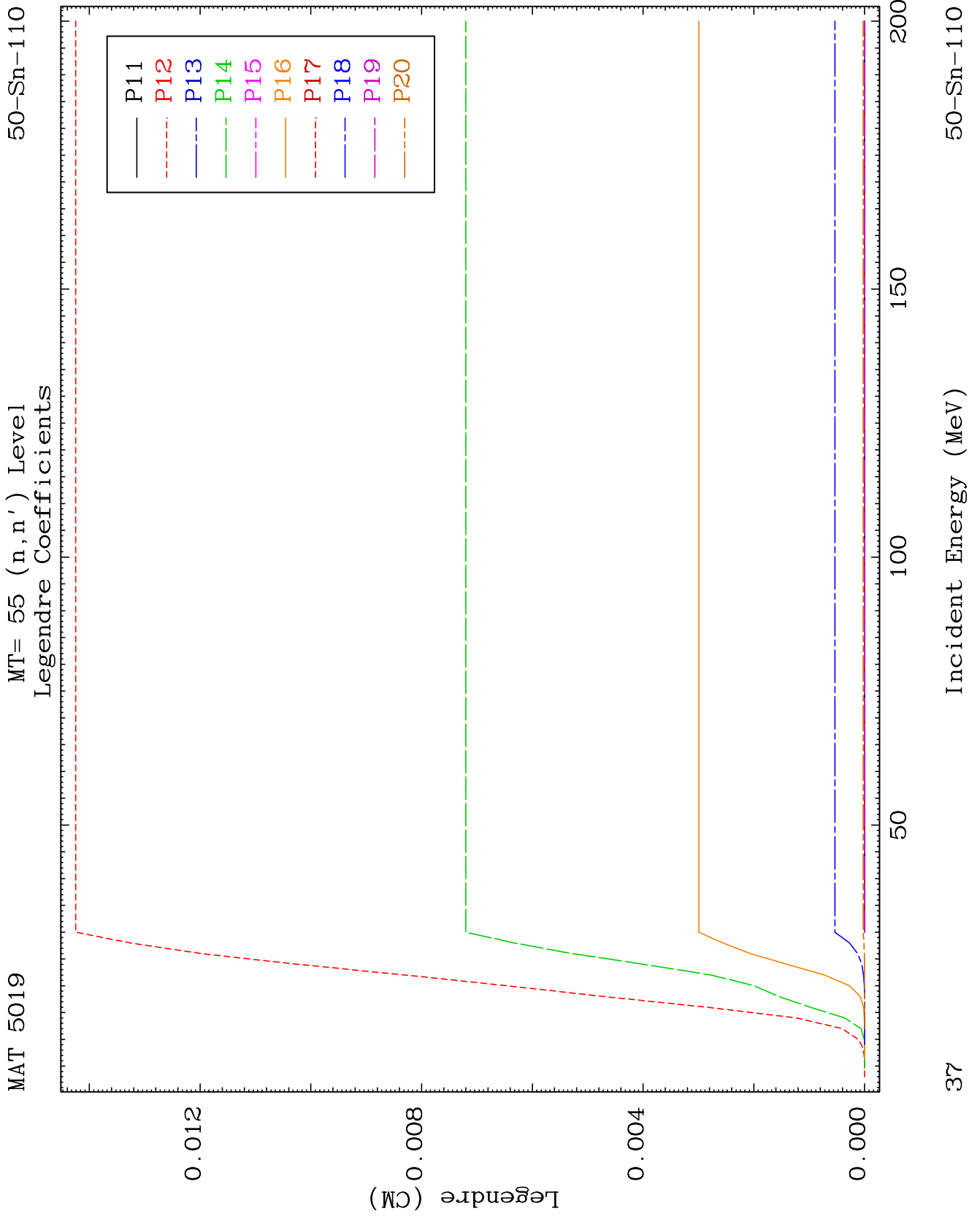
MT= 54 (n,n') Level
Legendre Coefficients

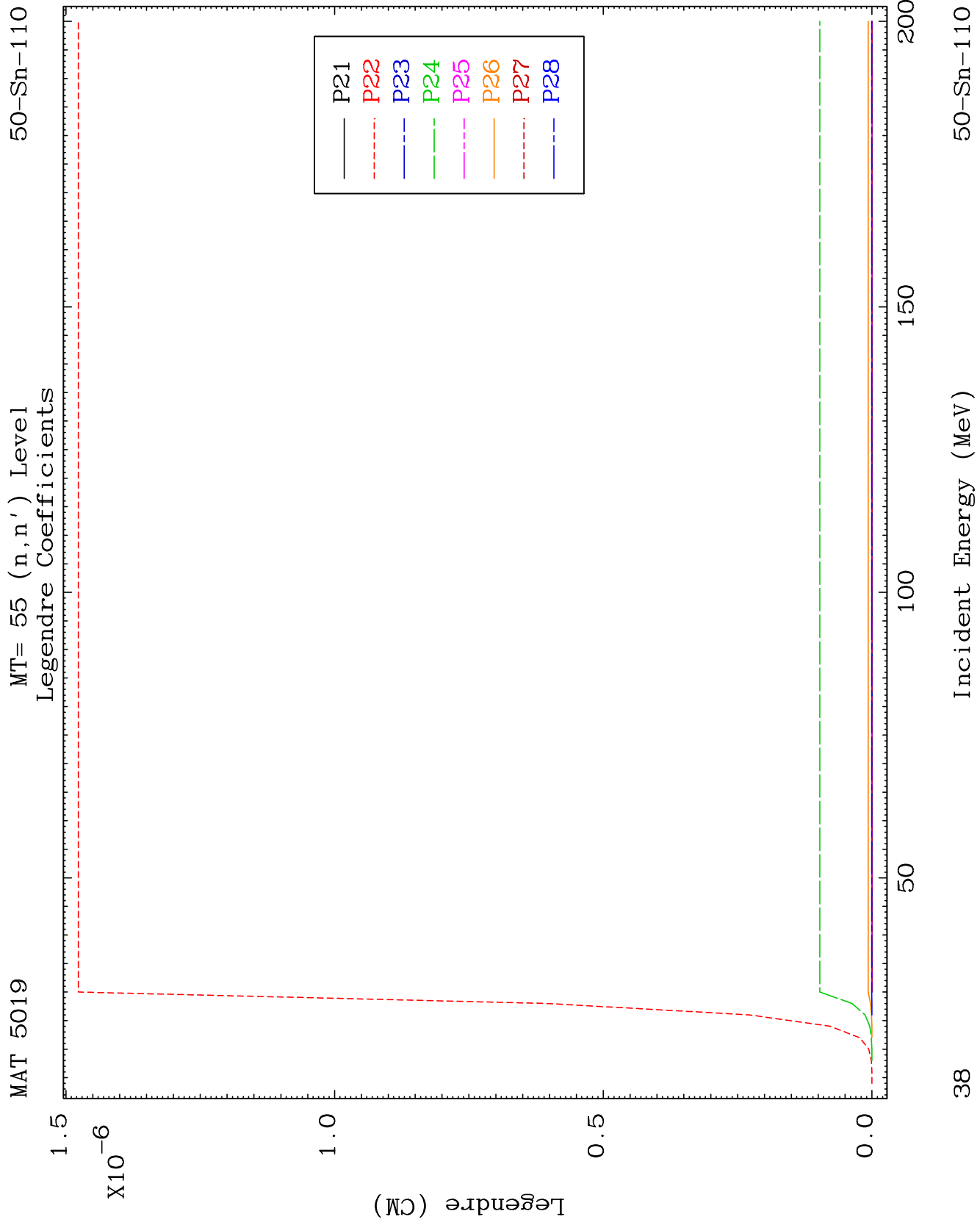
50-Sn-110

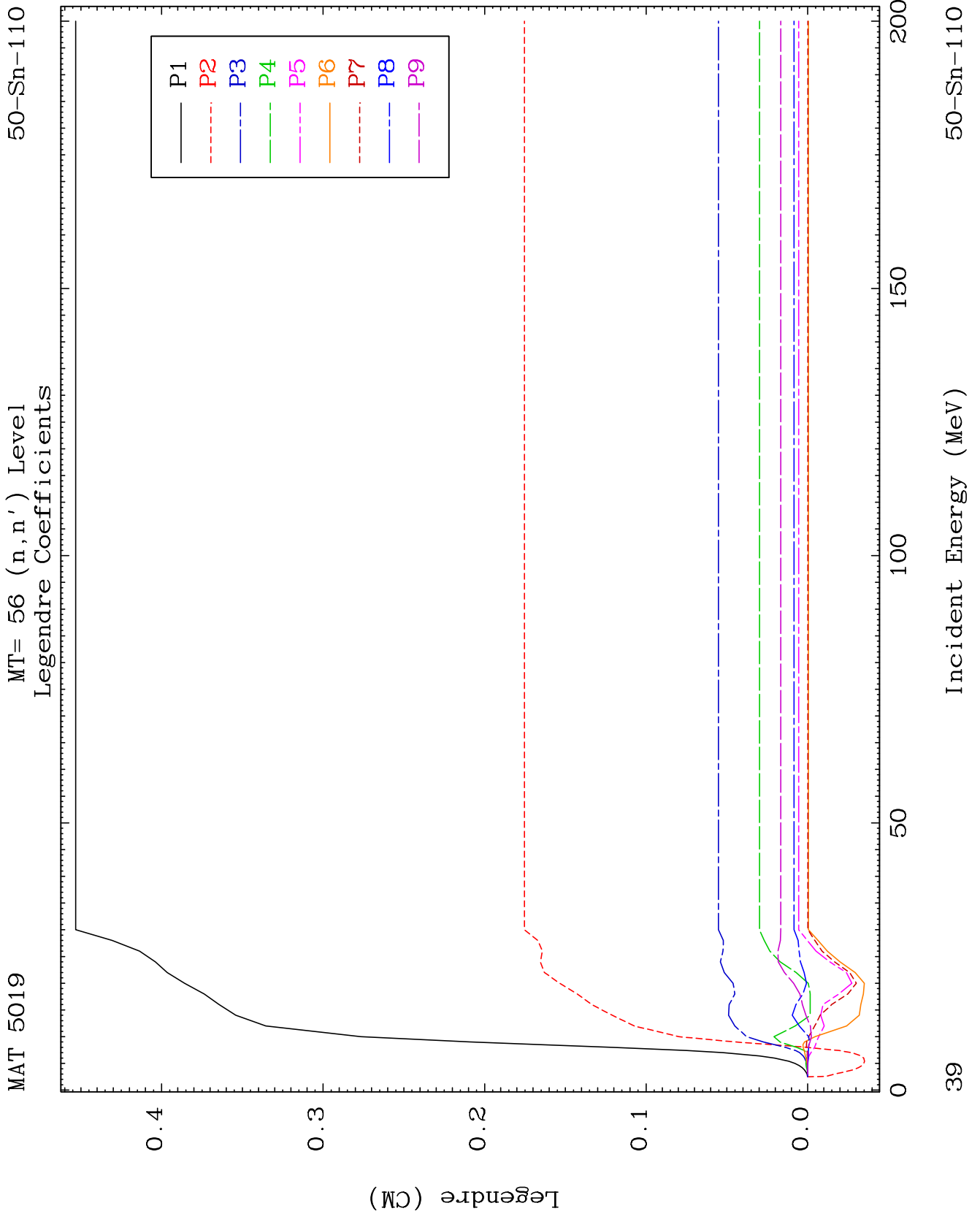


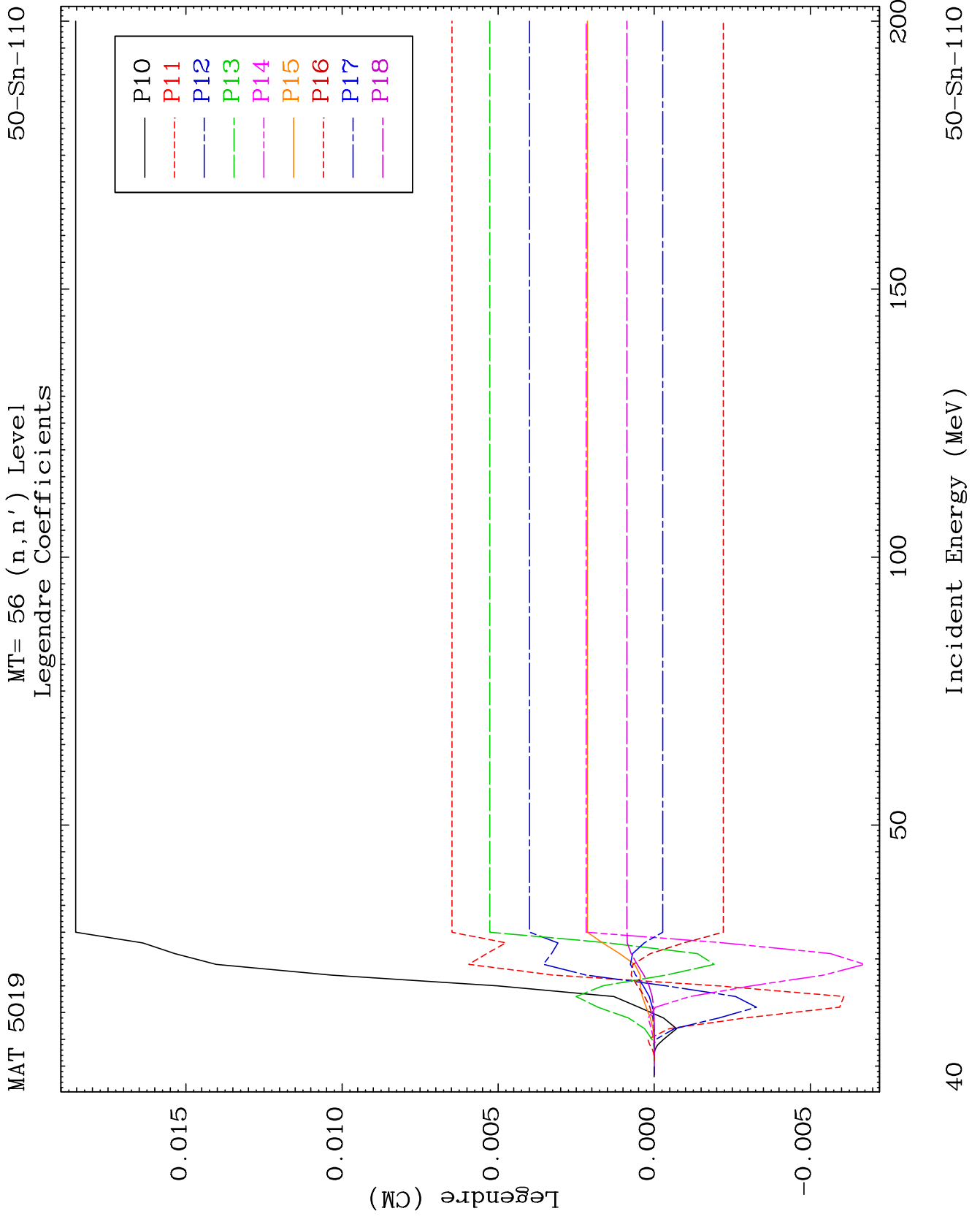








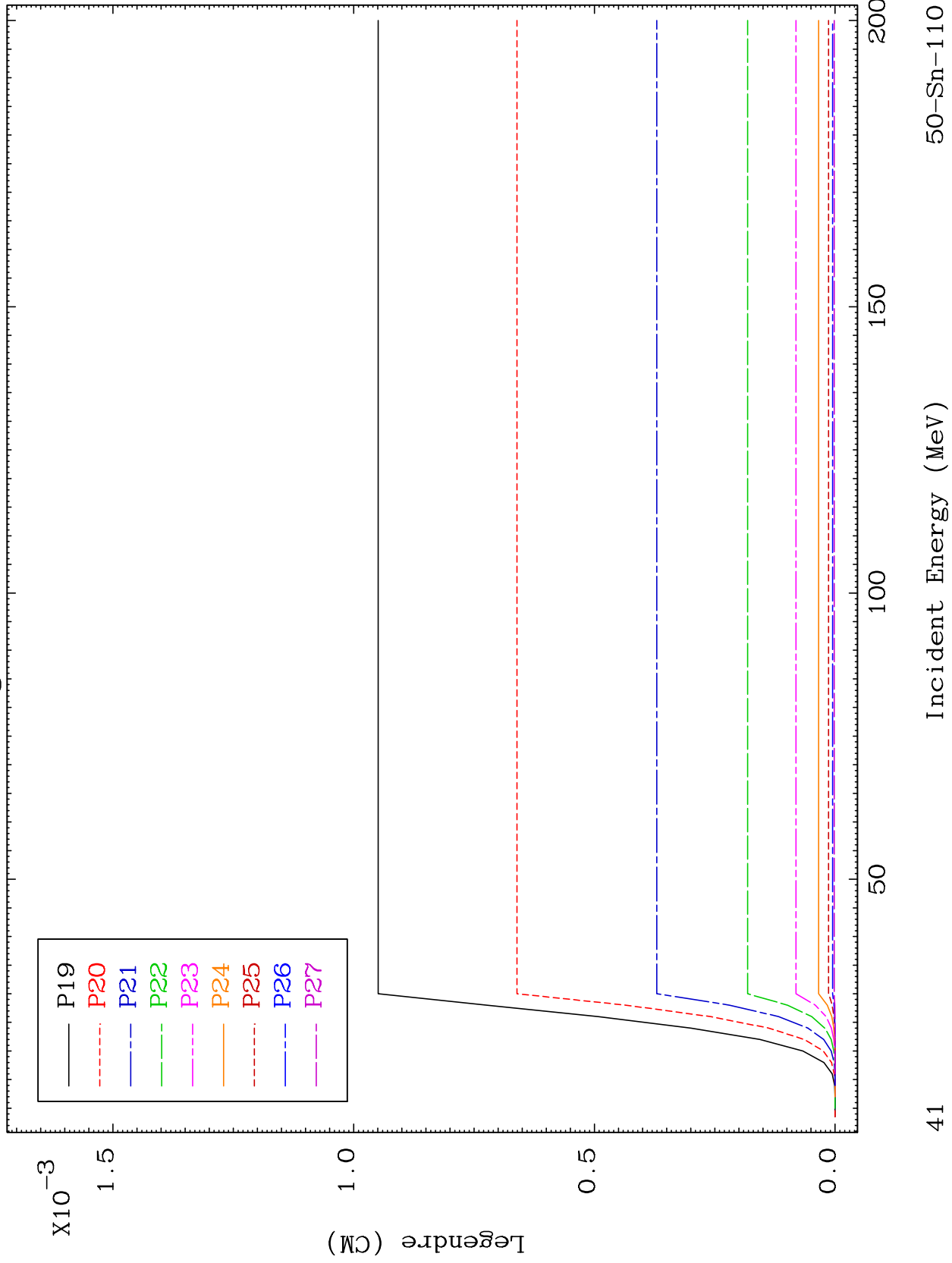




MAT 5019

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

50-Sn-110



41

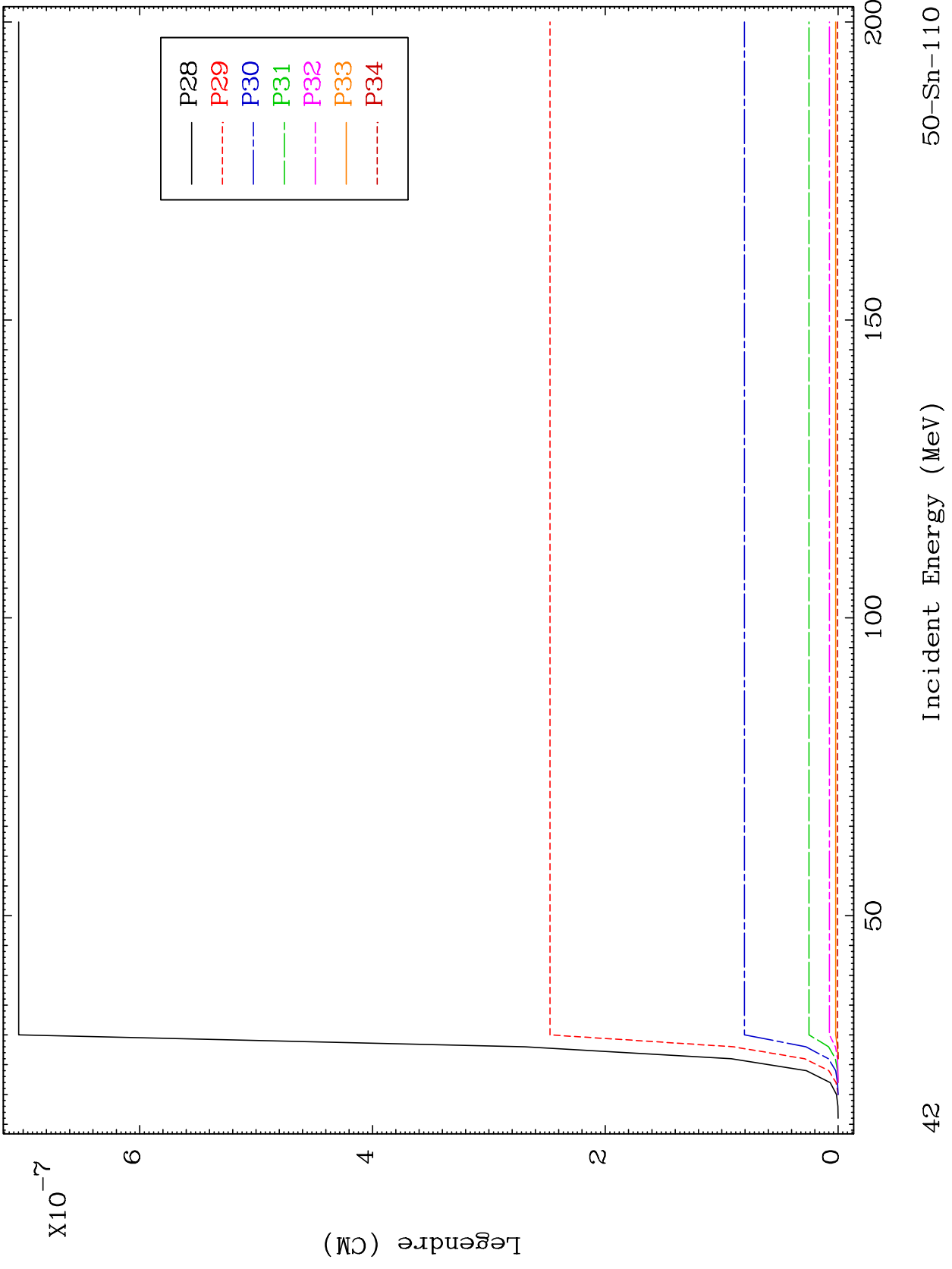
Incident Energy (MeV)

50-Sn-110

MAT 5019

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

50-Sn-110



42

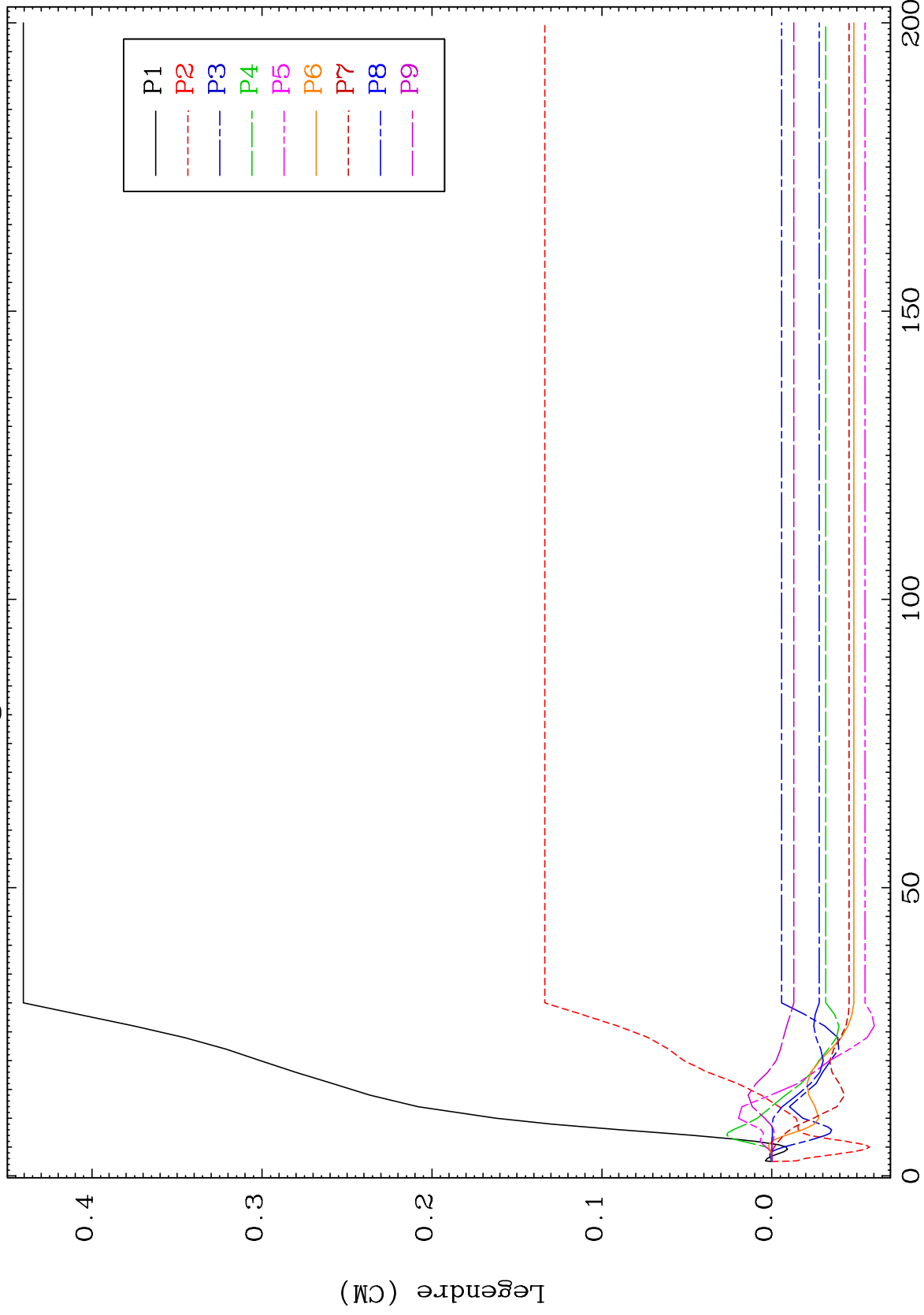
Incident Energy (MeV)

50-Sn-110

MAT 5019

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

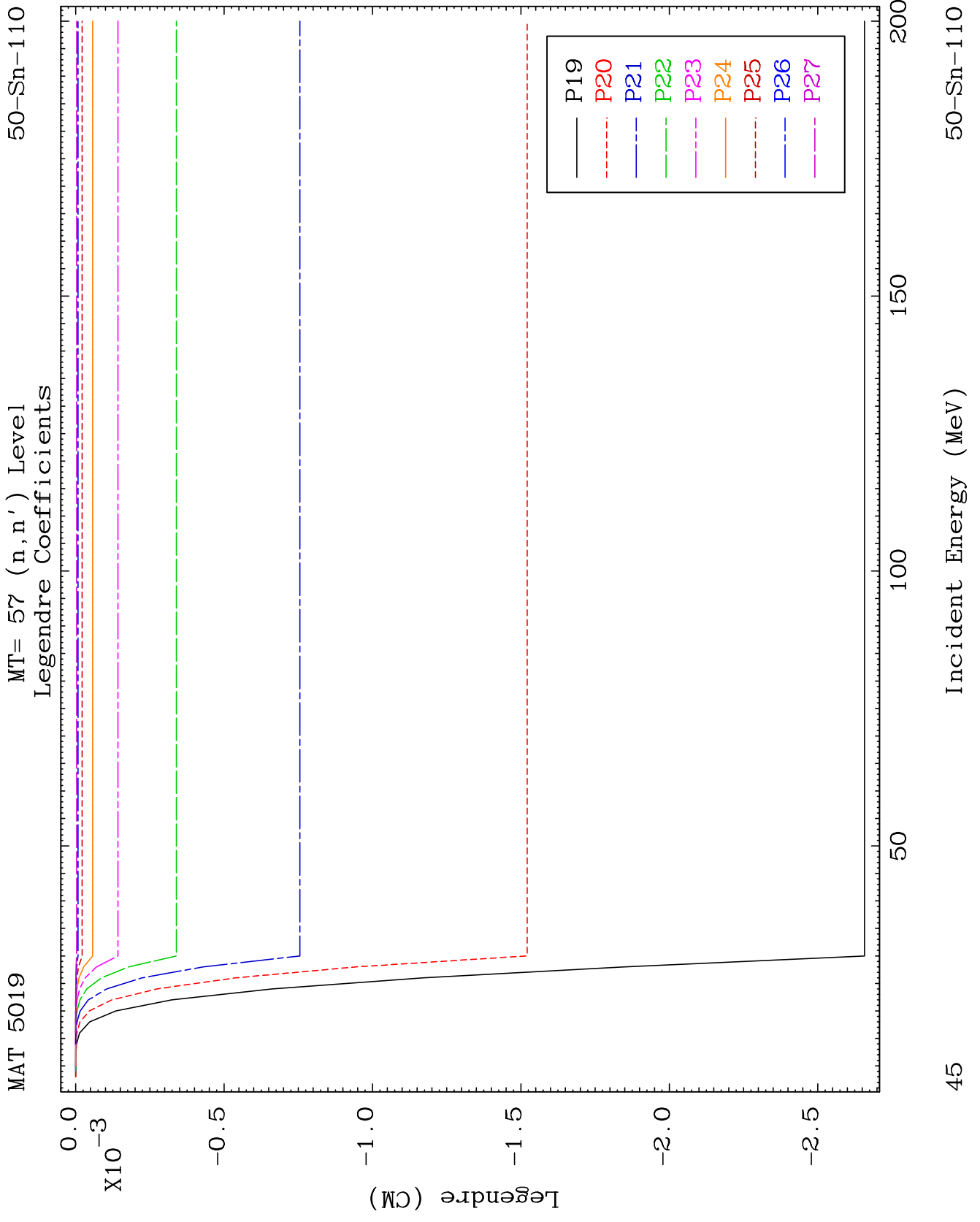
50-Sn-110

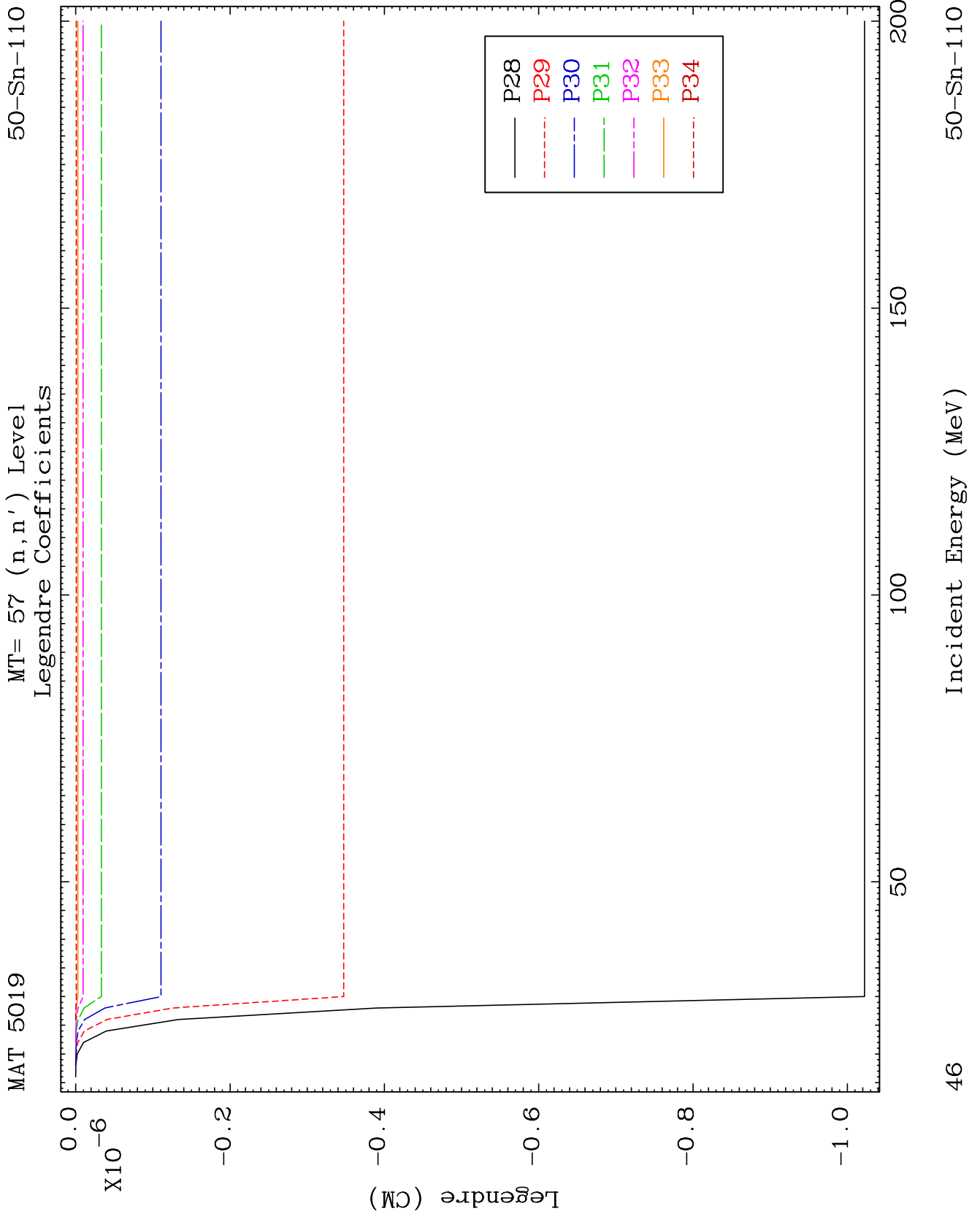


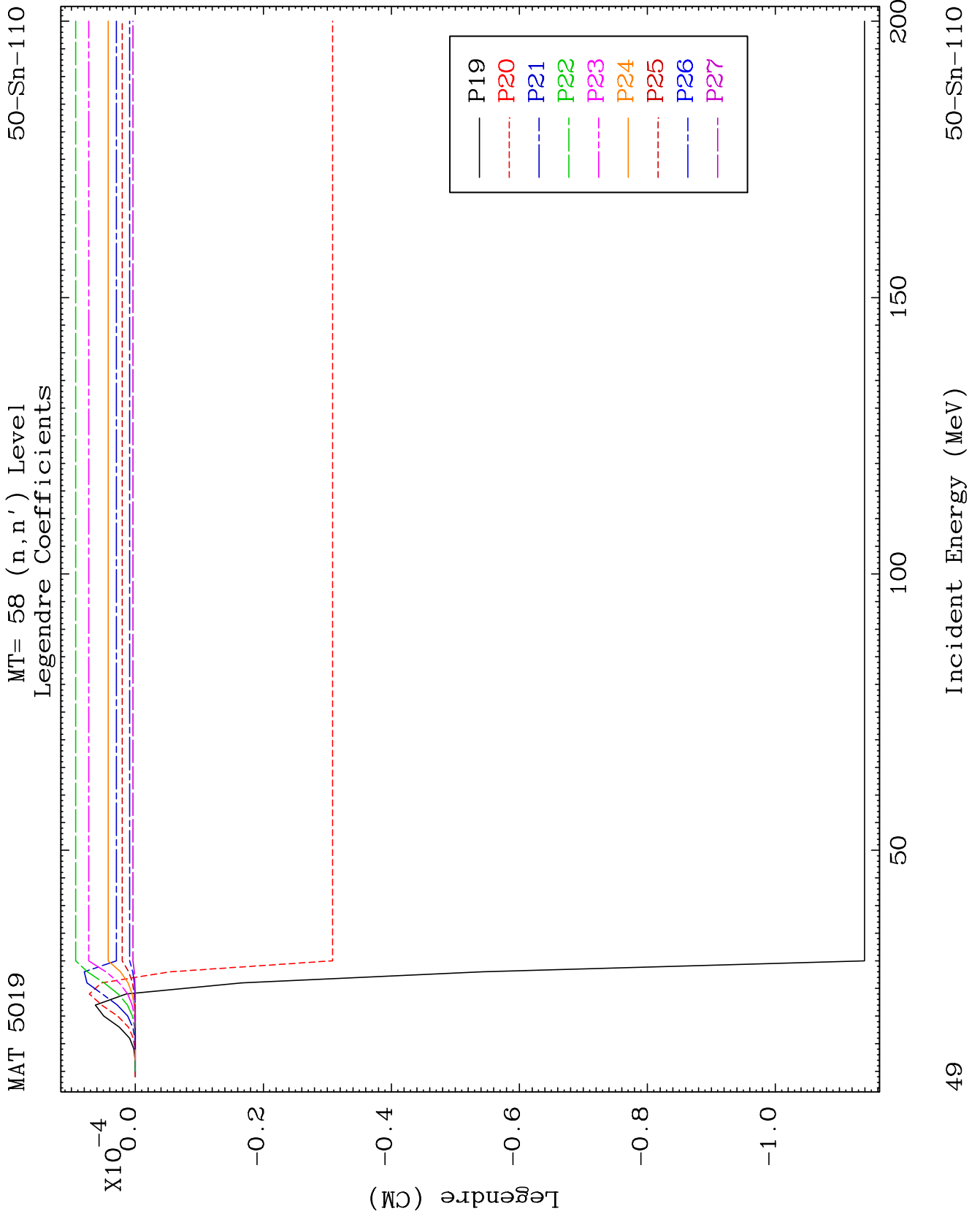
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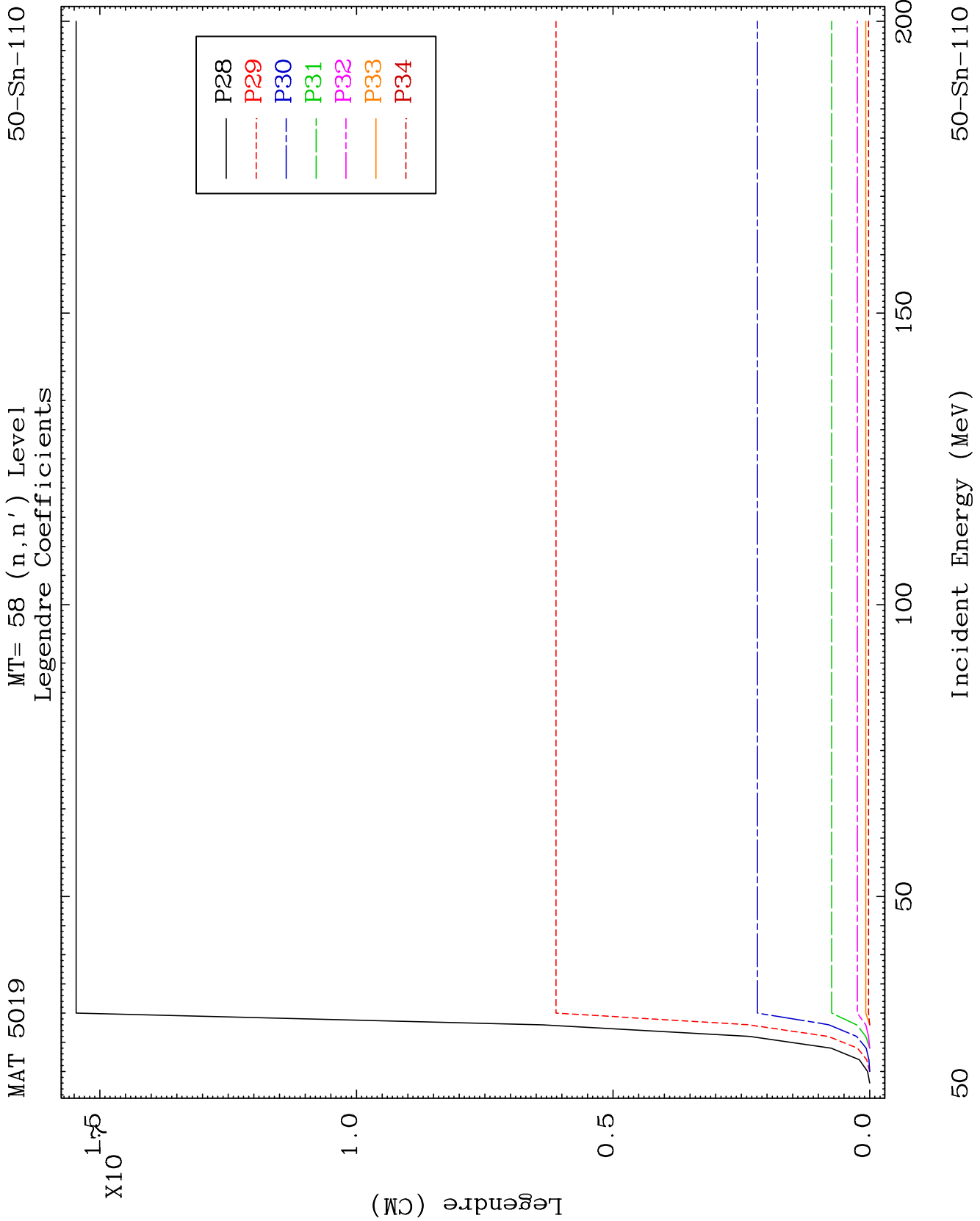
Incident Energy (MeV)

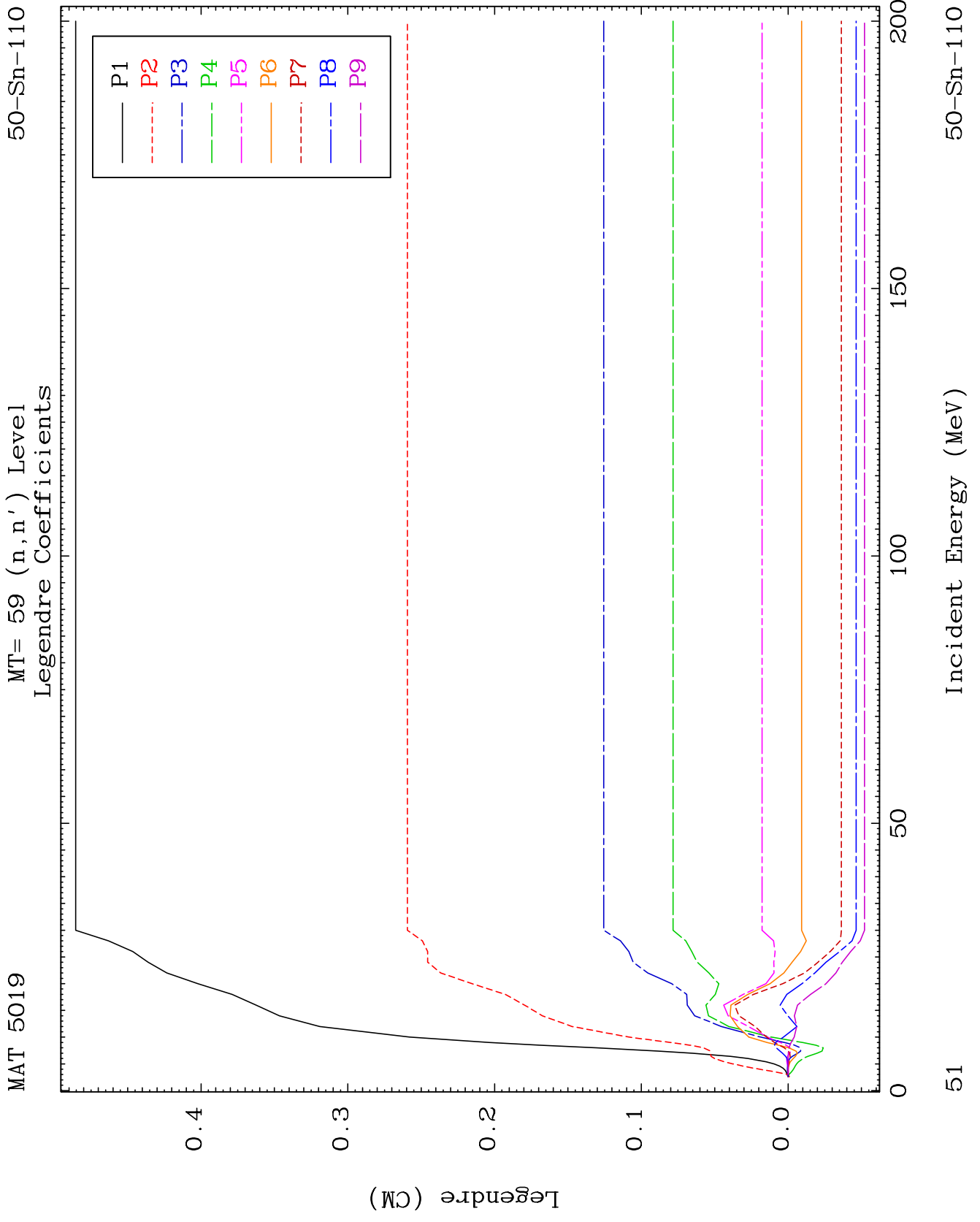
50-Sn-110

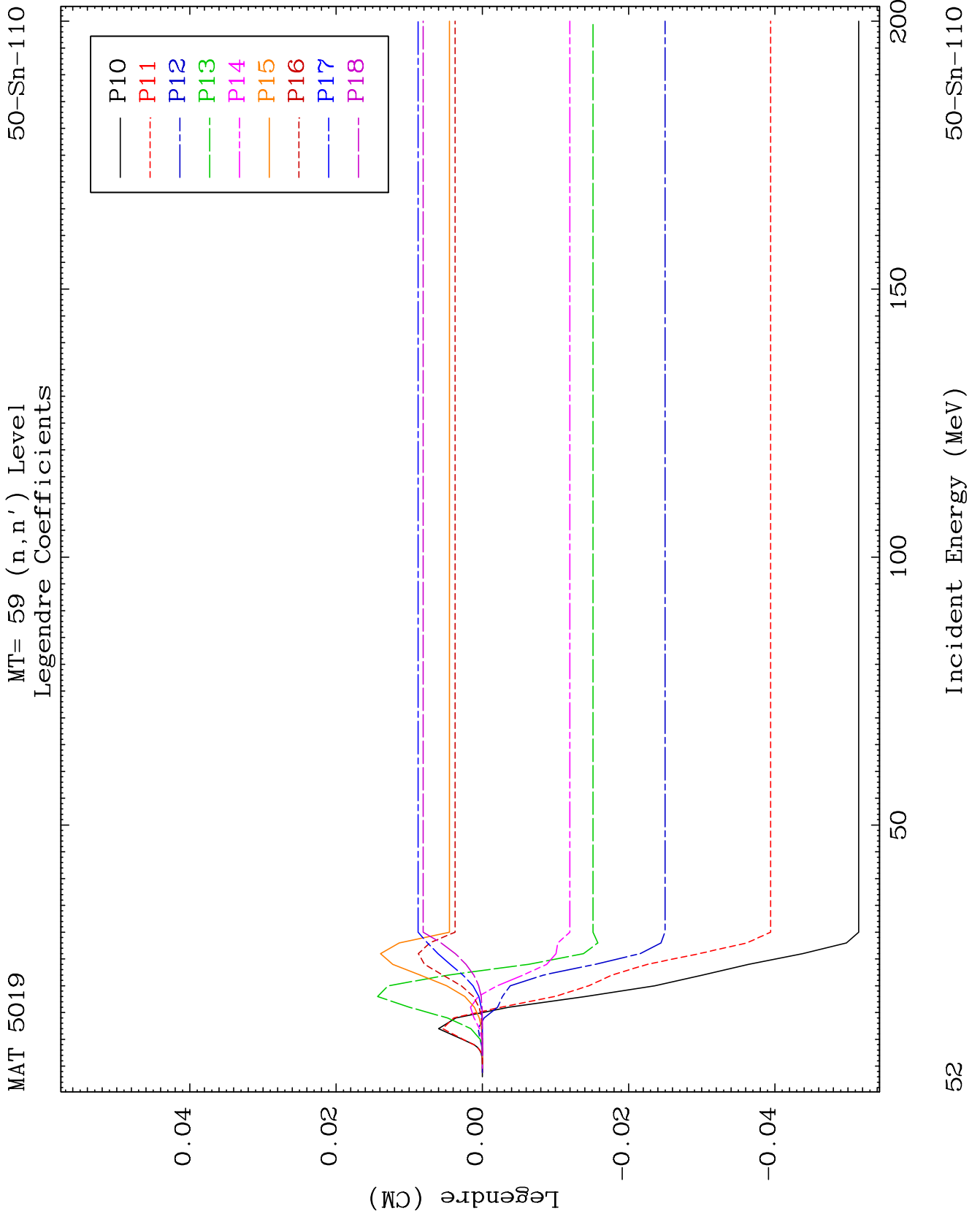


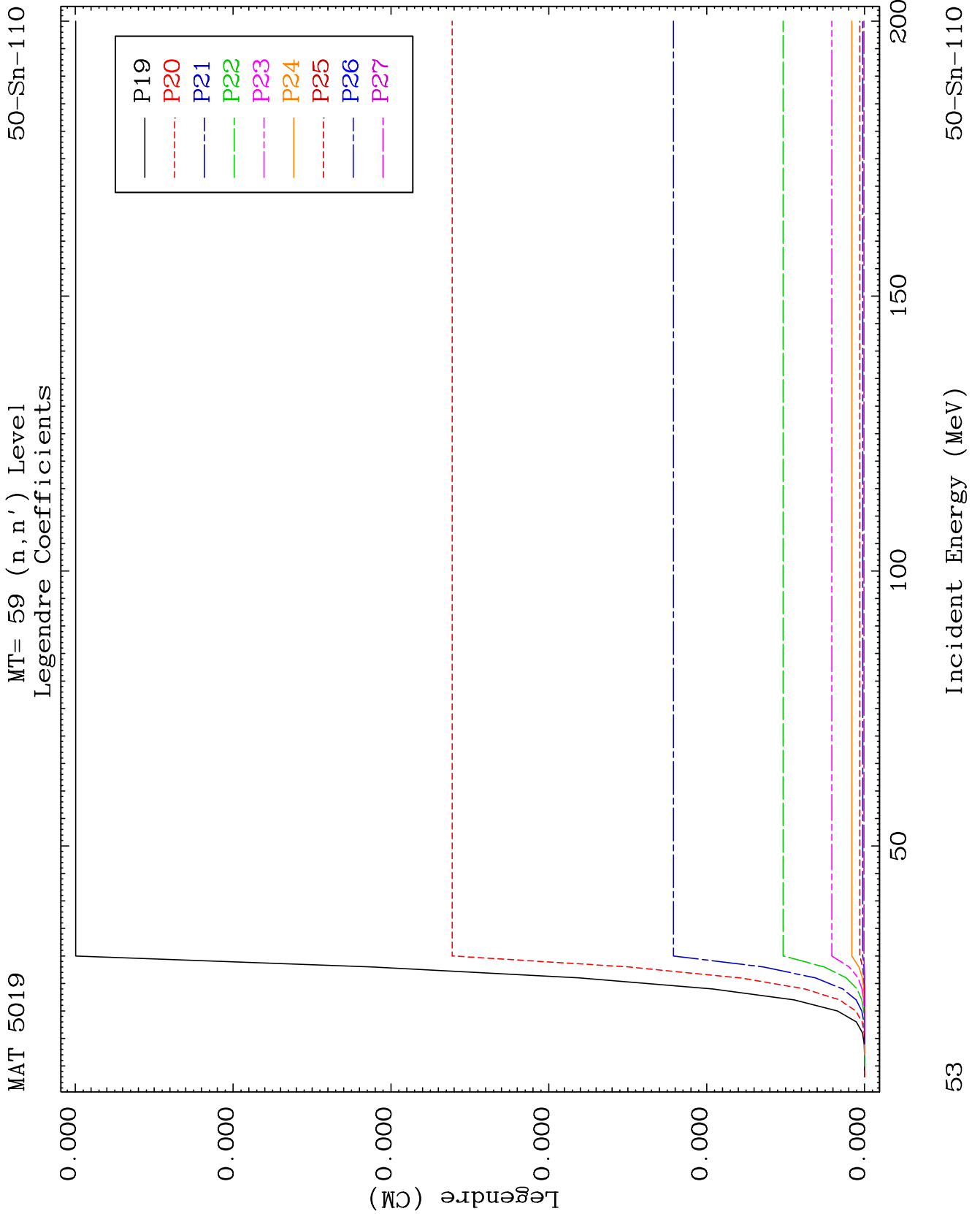


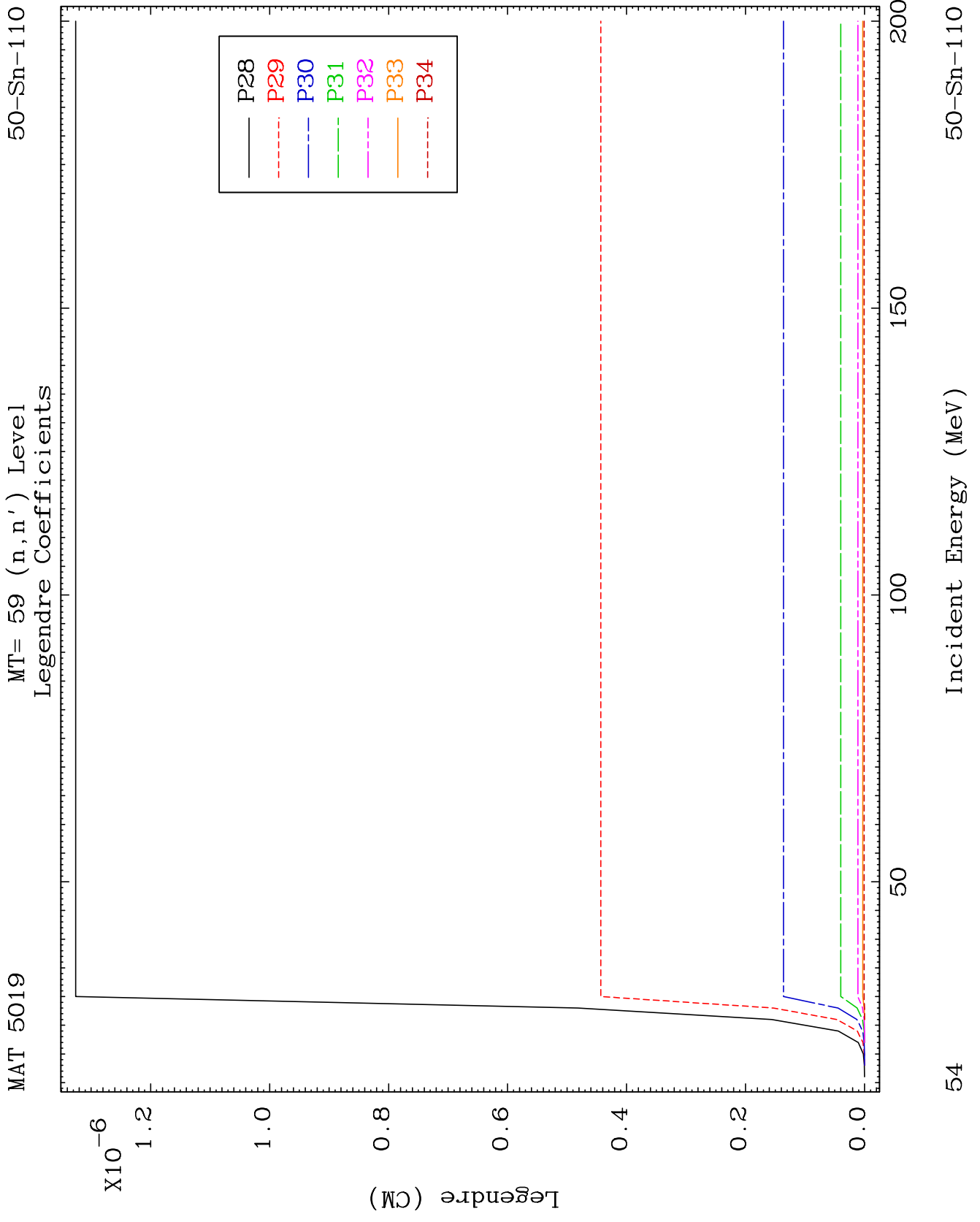


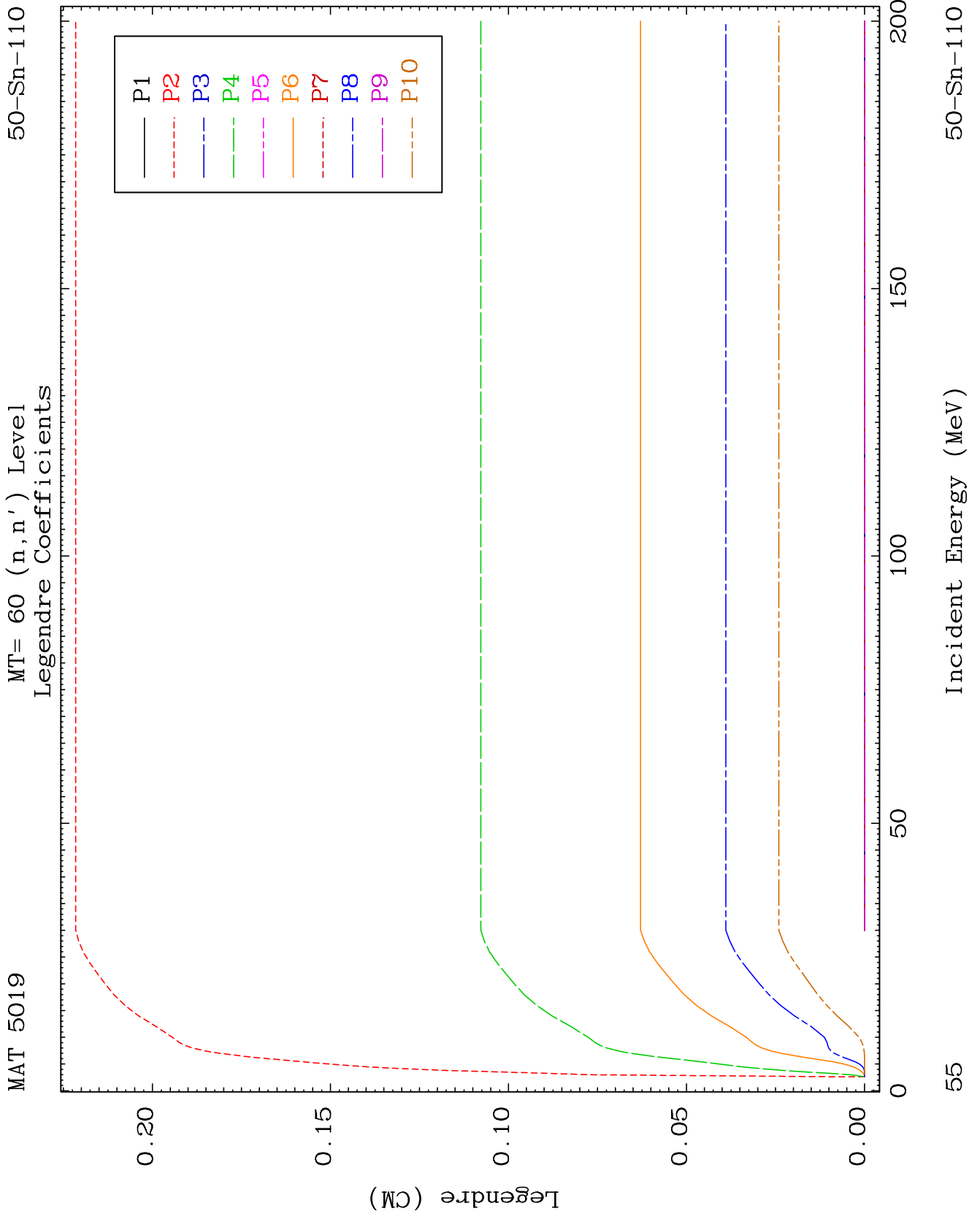


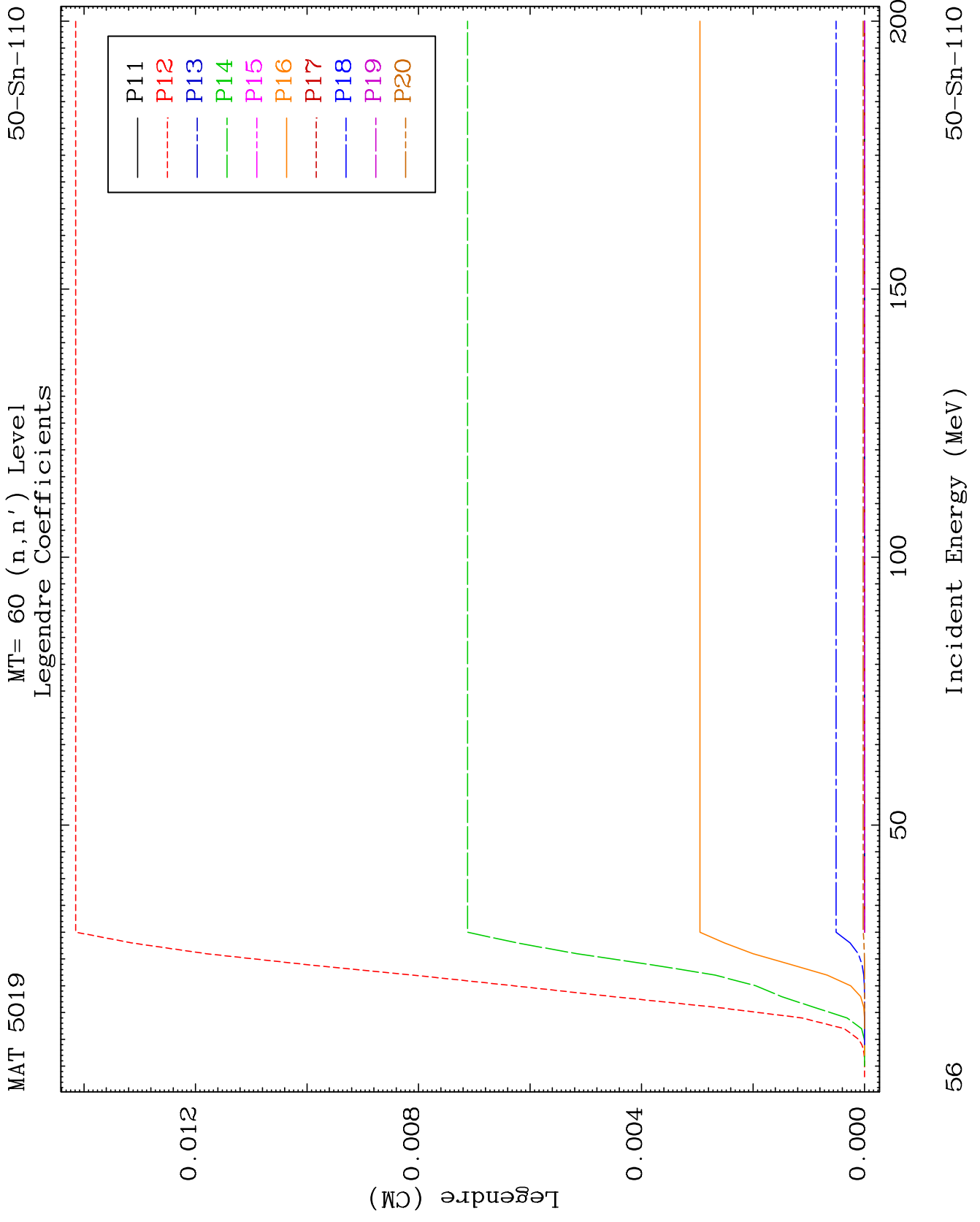


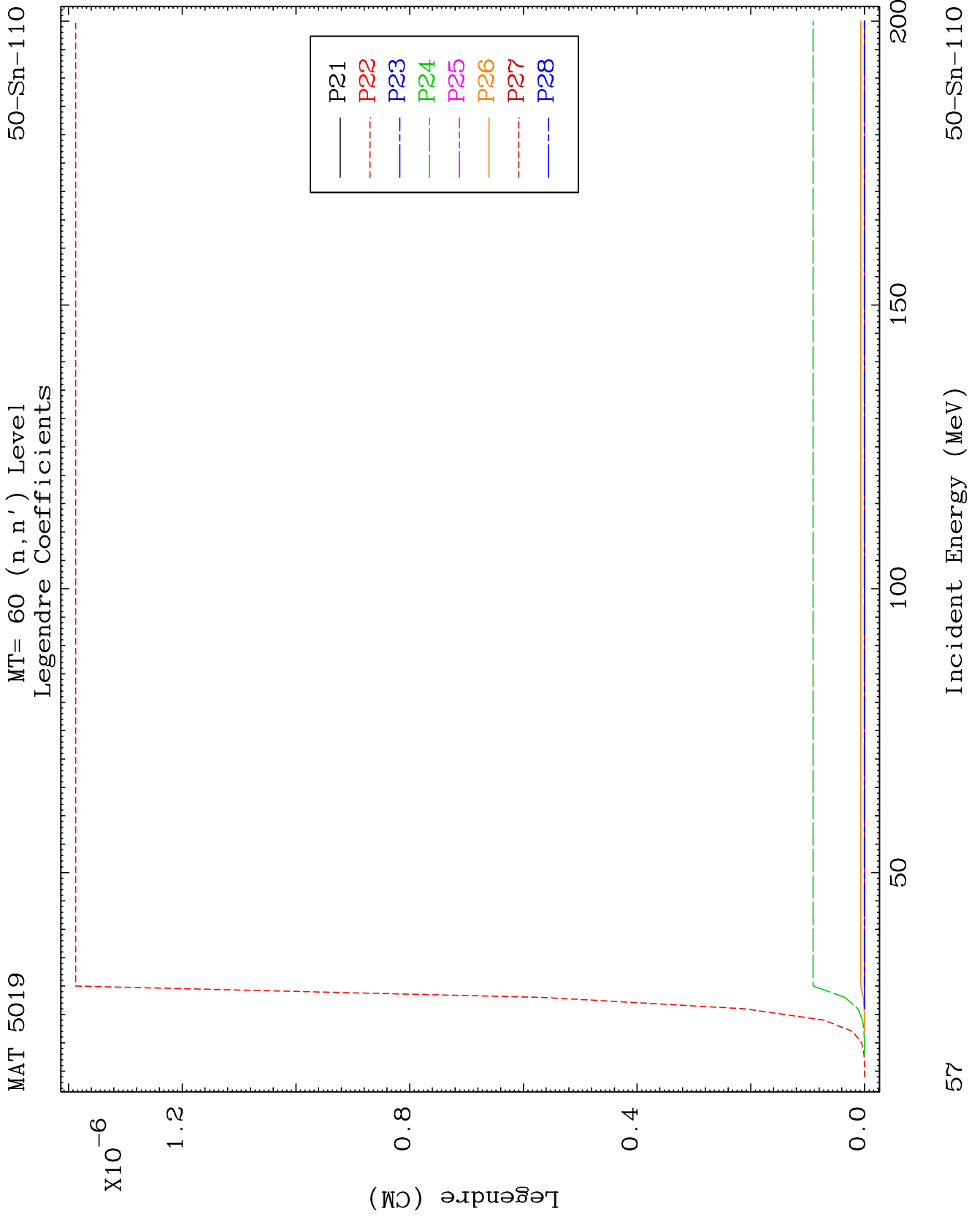


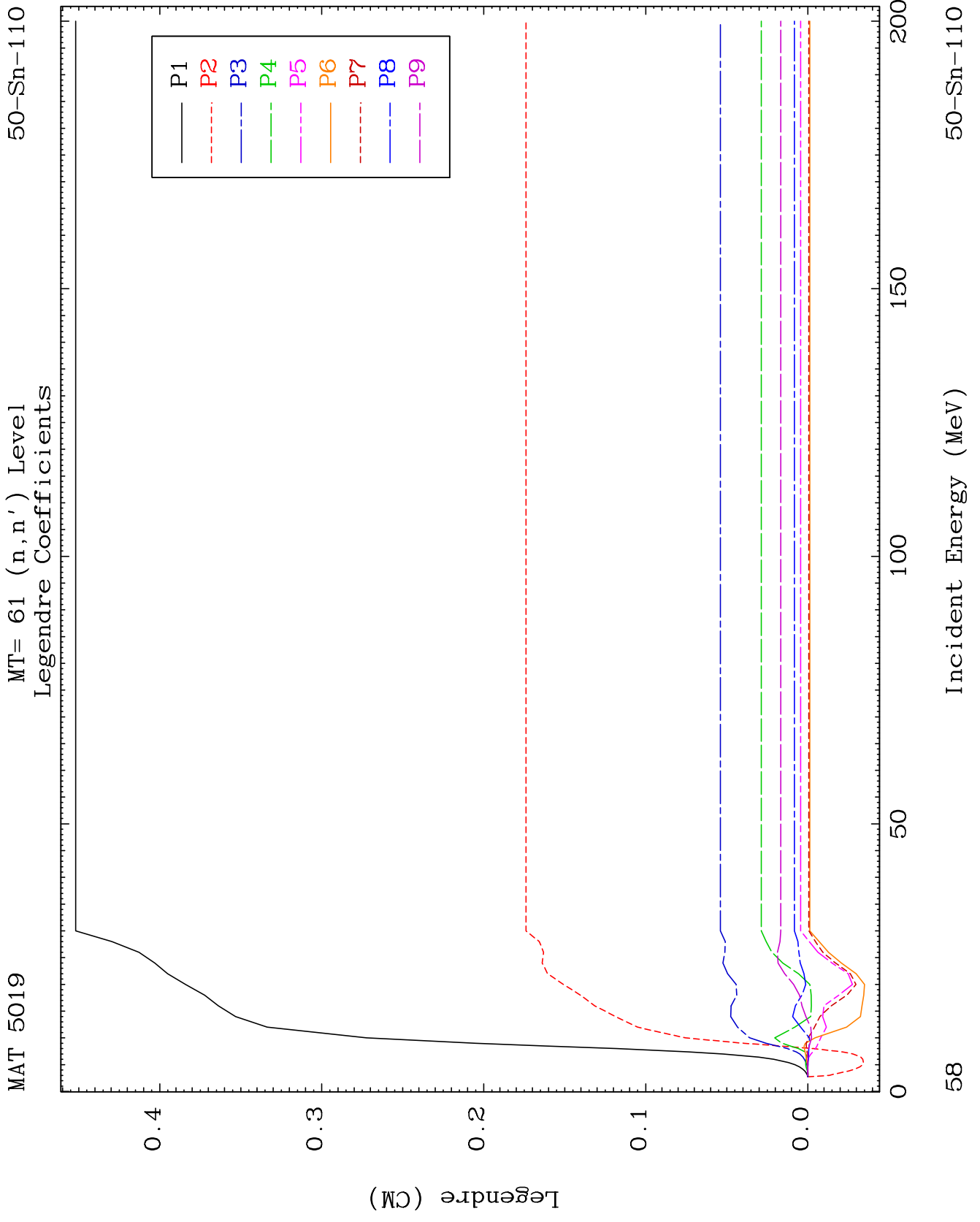


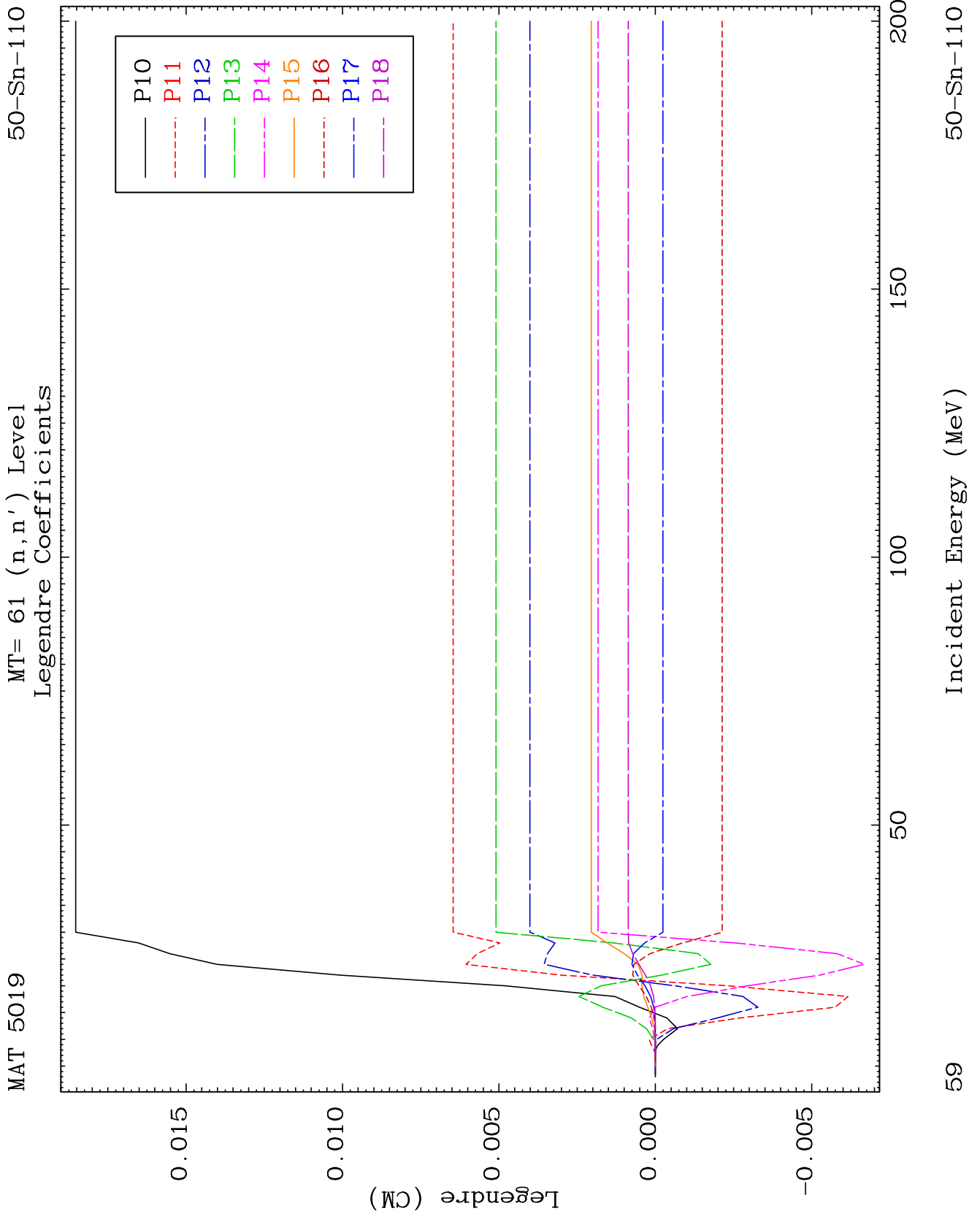








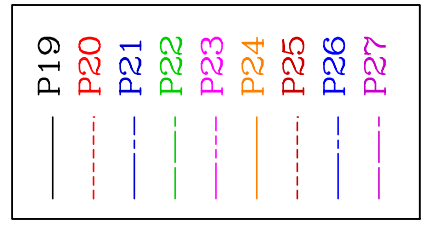




MAT 5019

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

50-Sn-110



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

Legendre (CM)

0.5

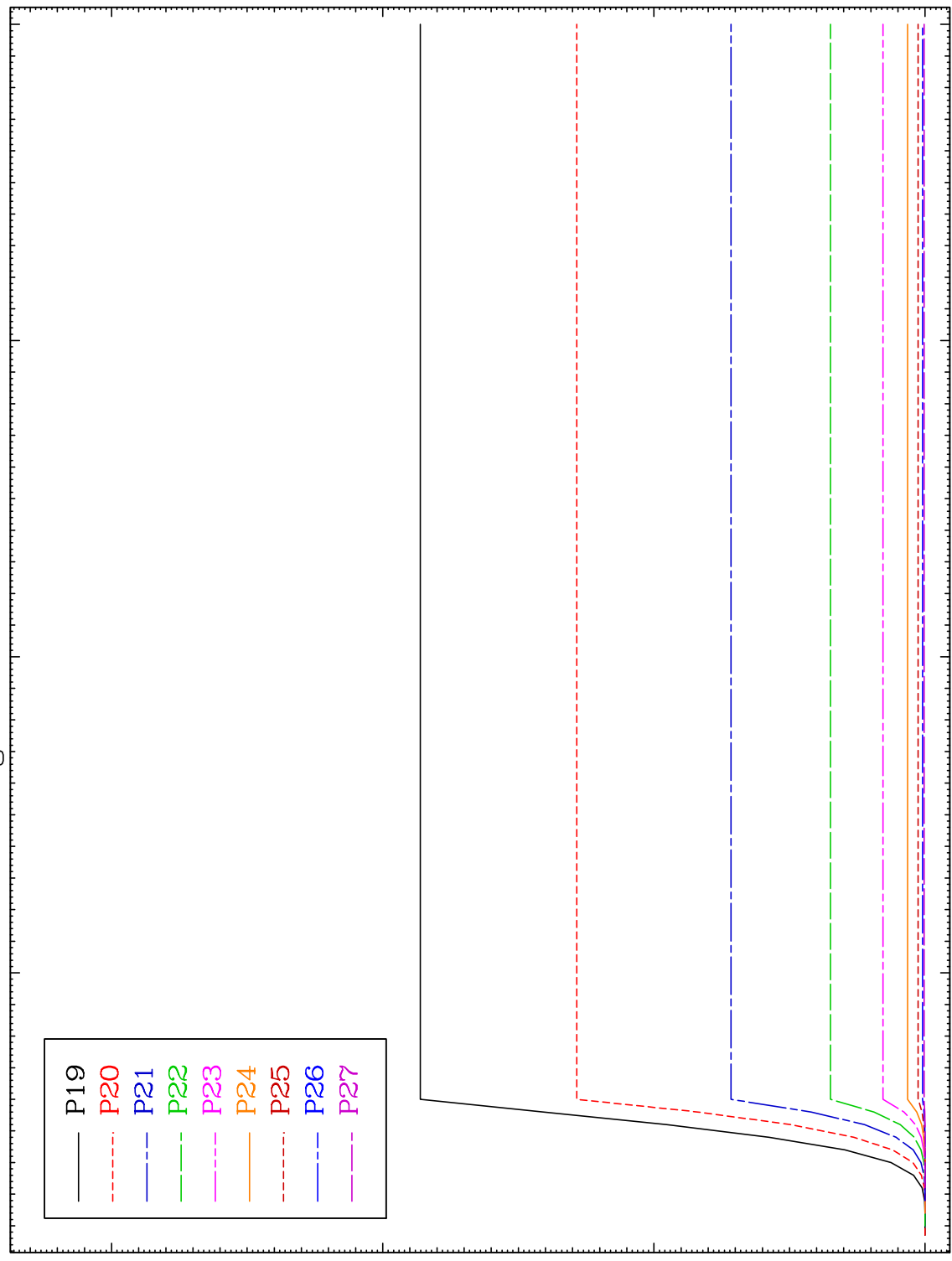
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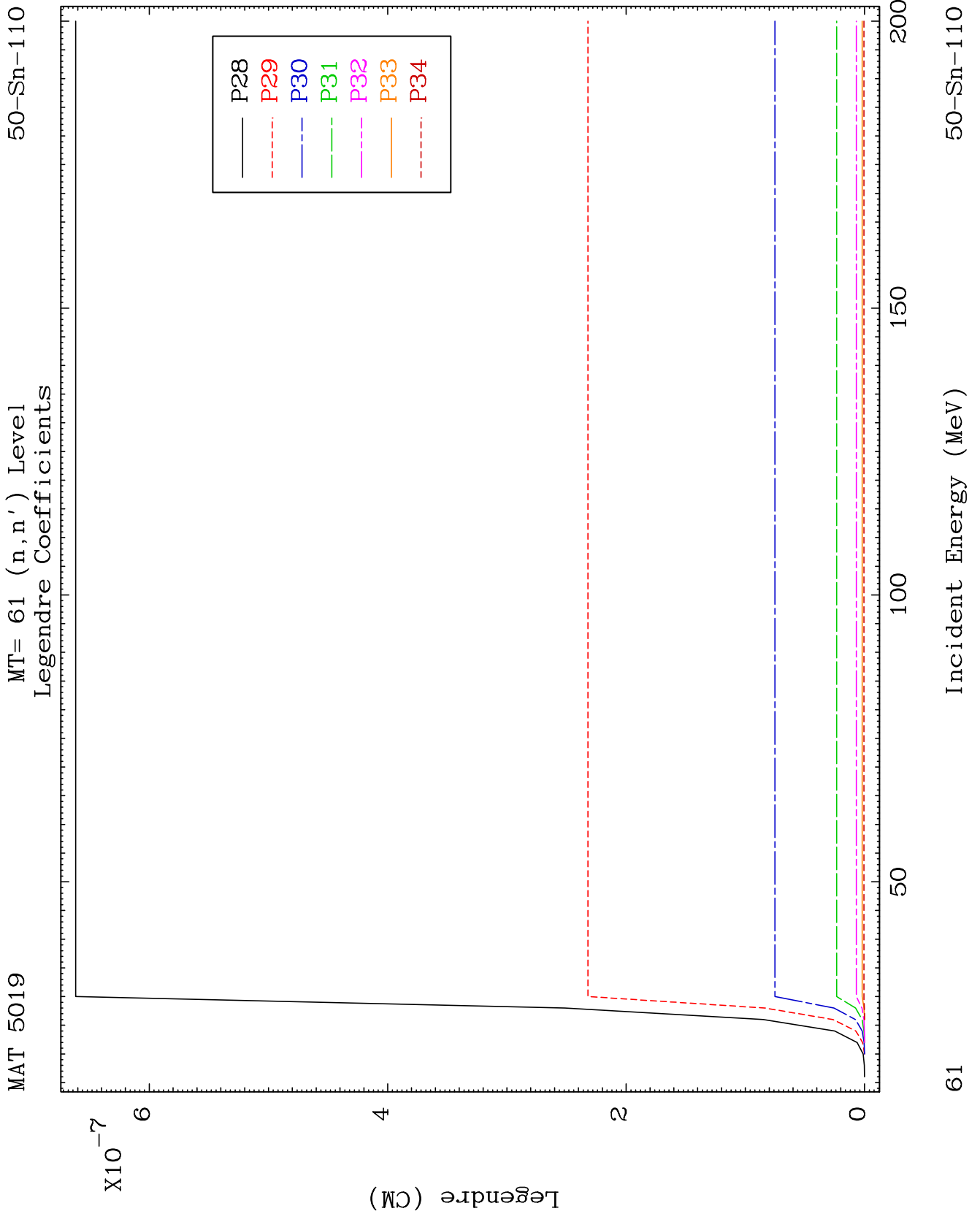
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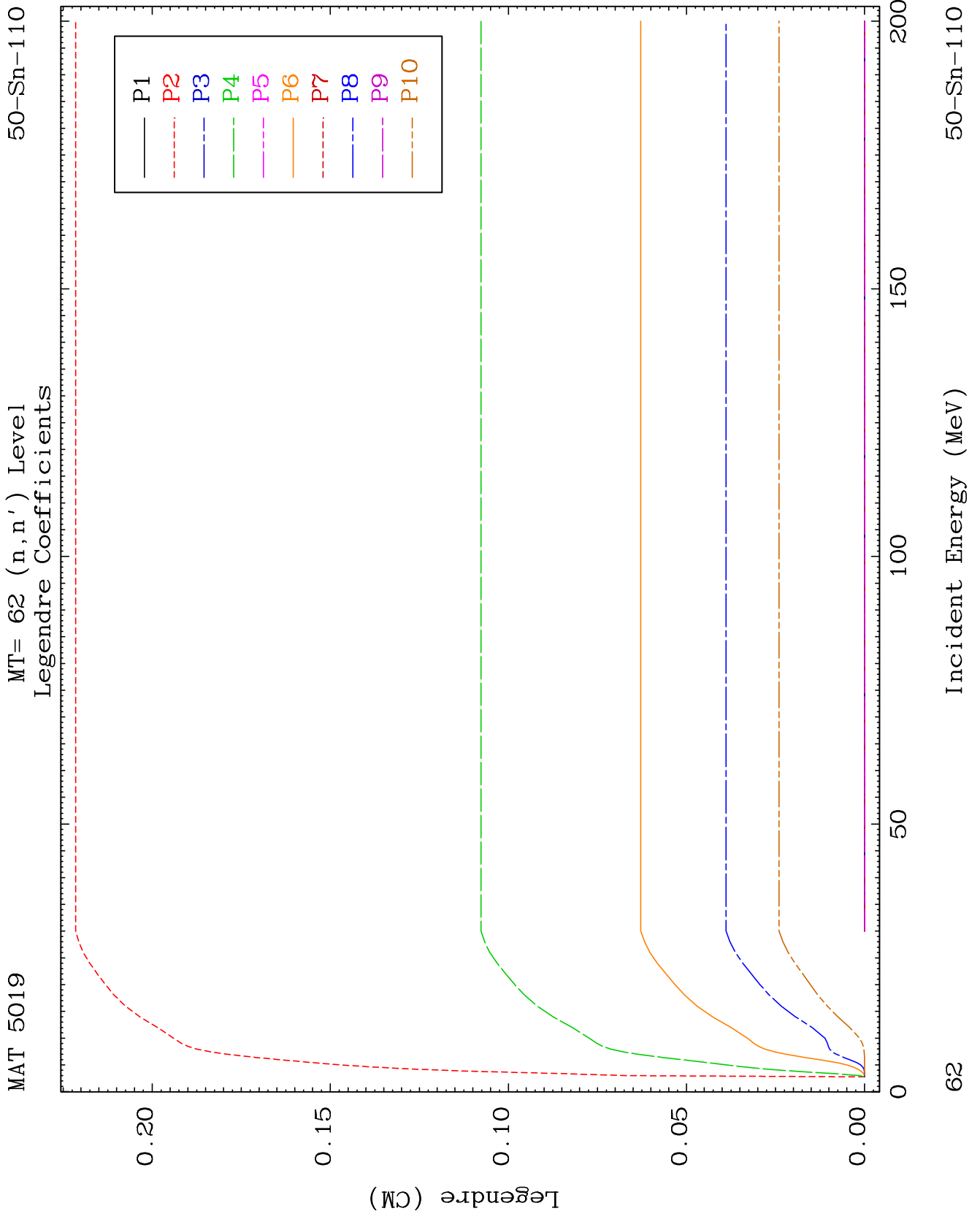
Incident Energy (MeV)

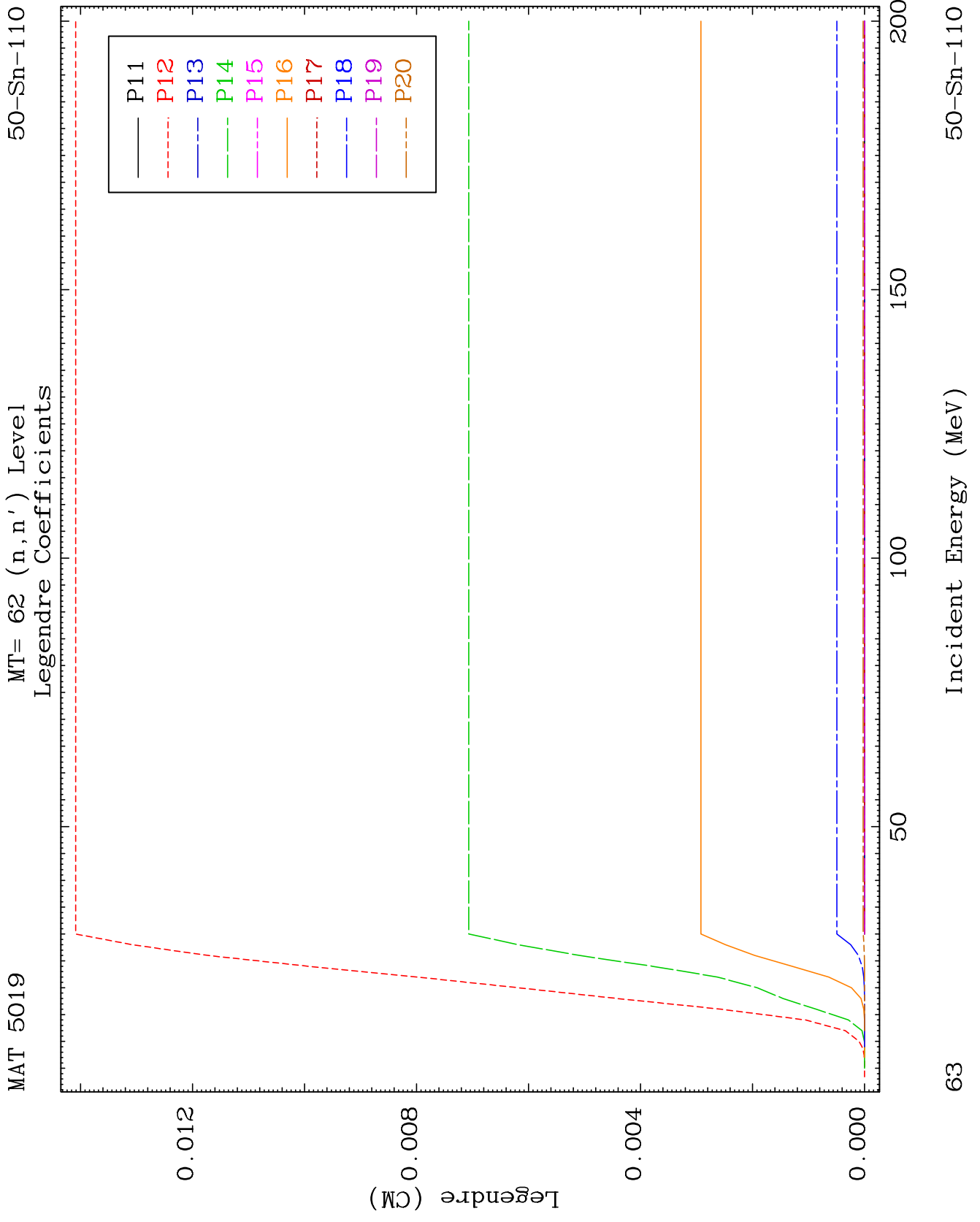
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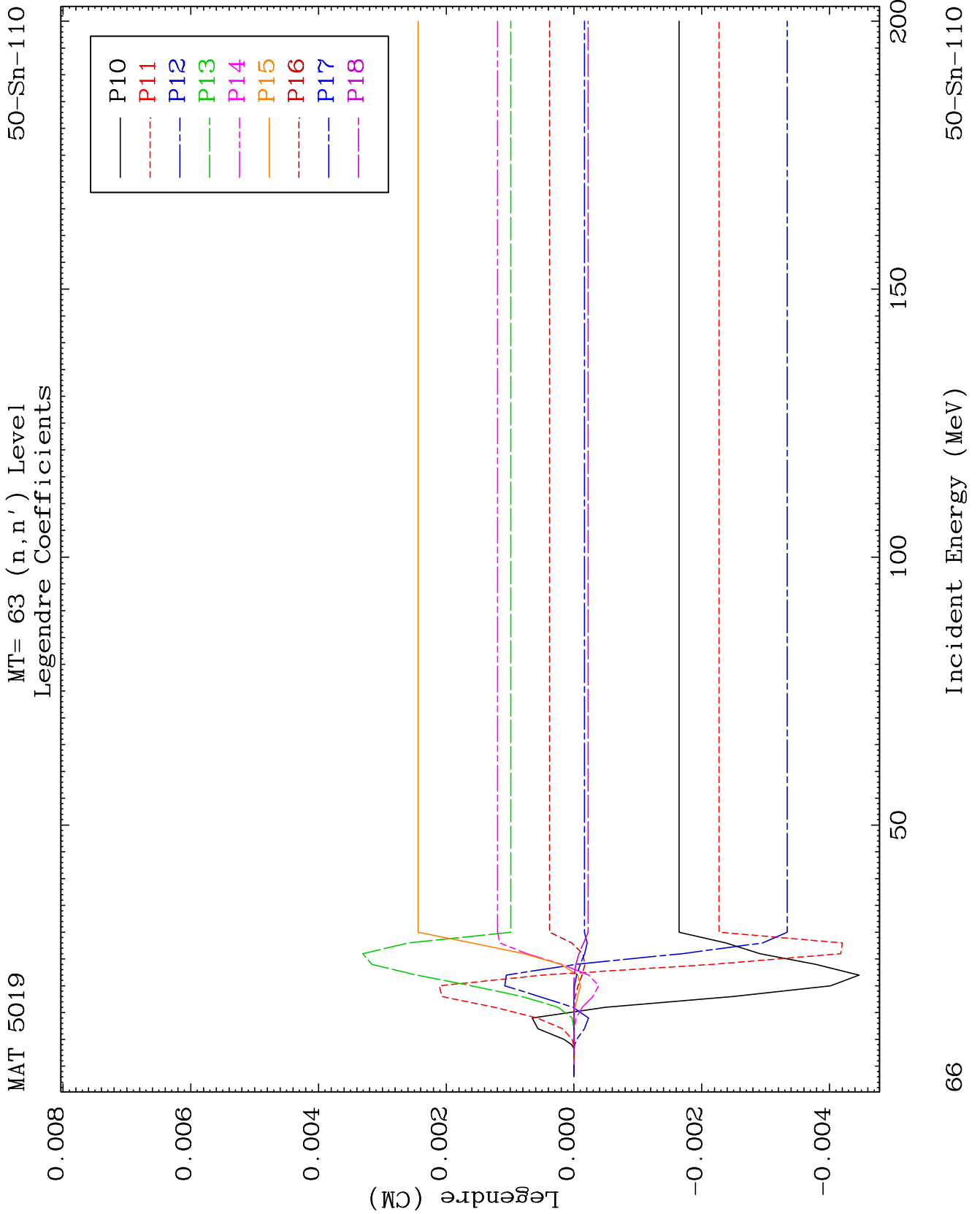
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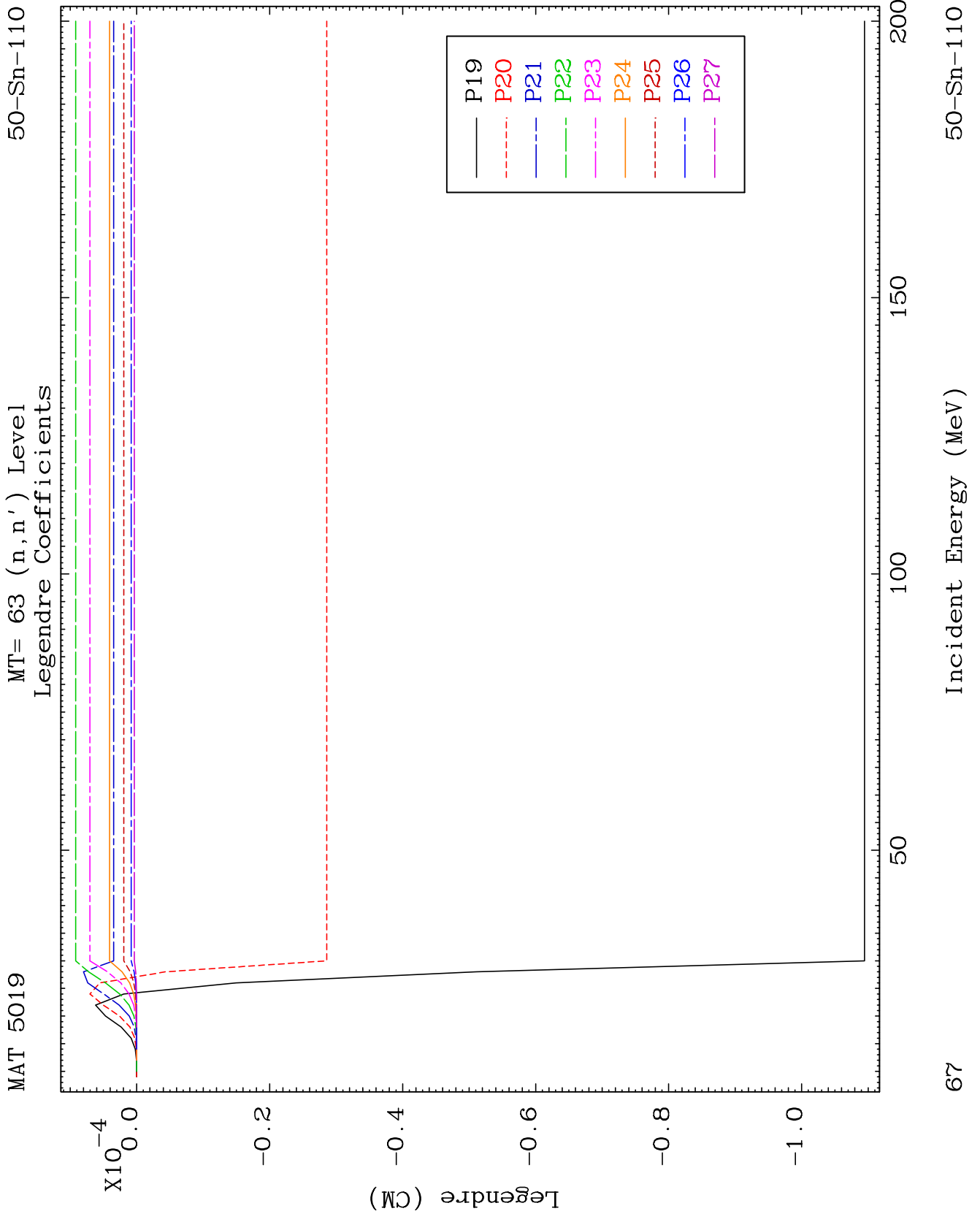


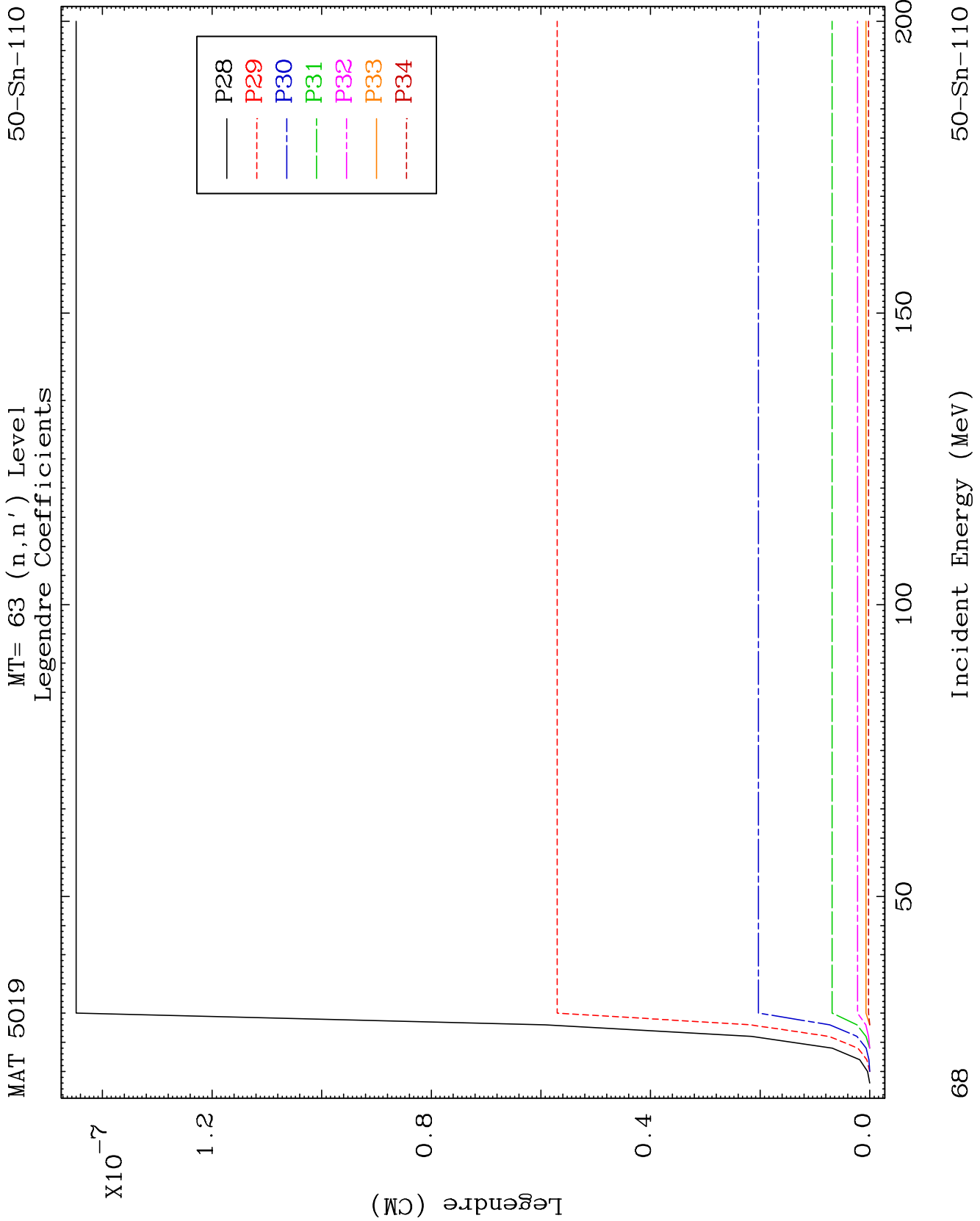


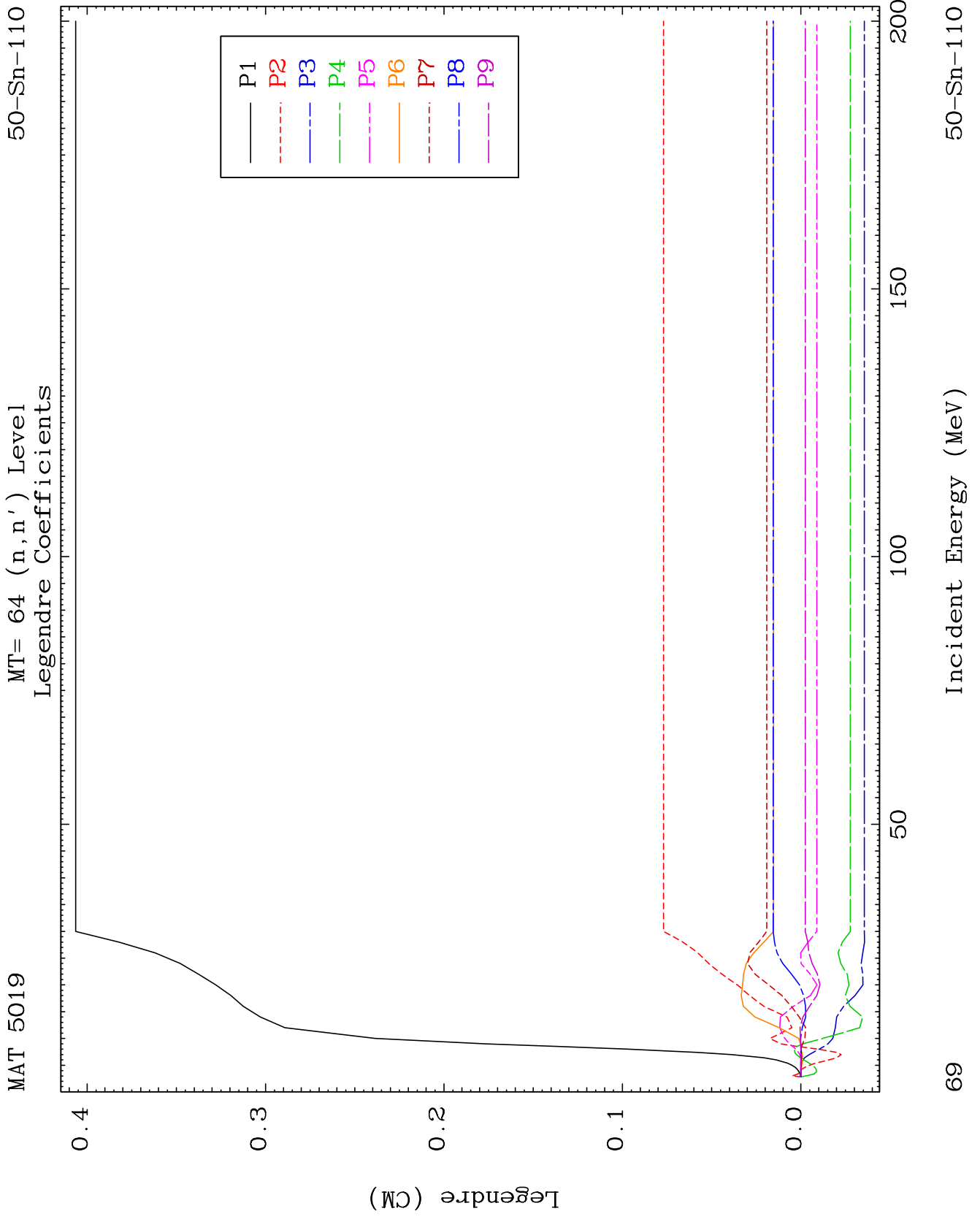


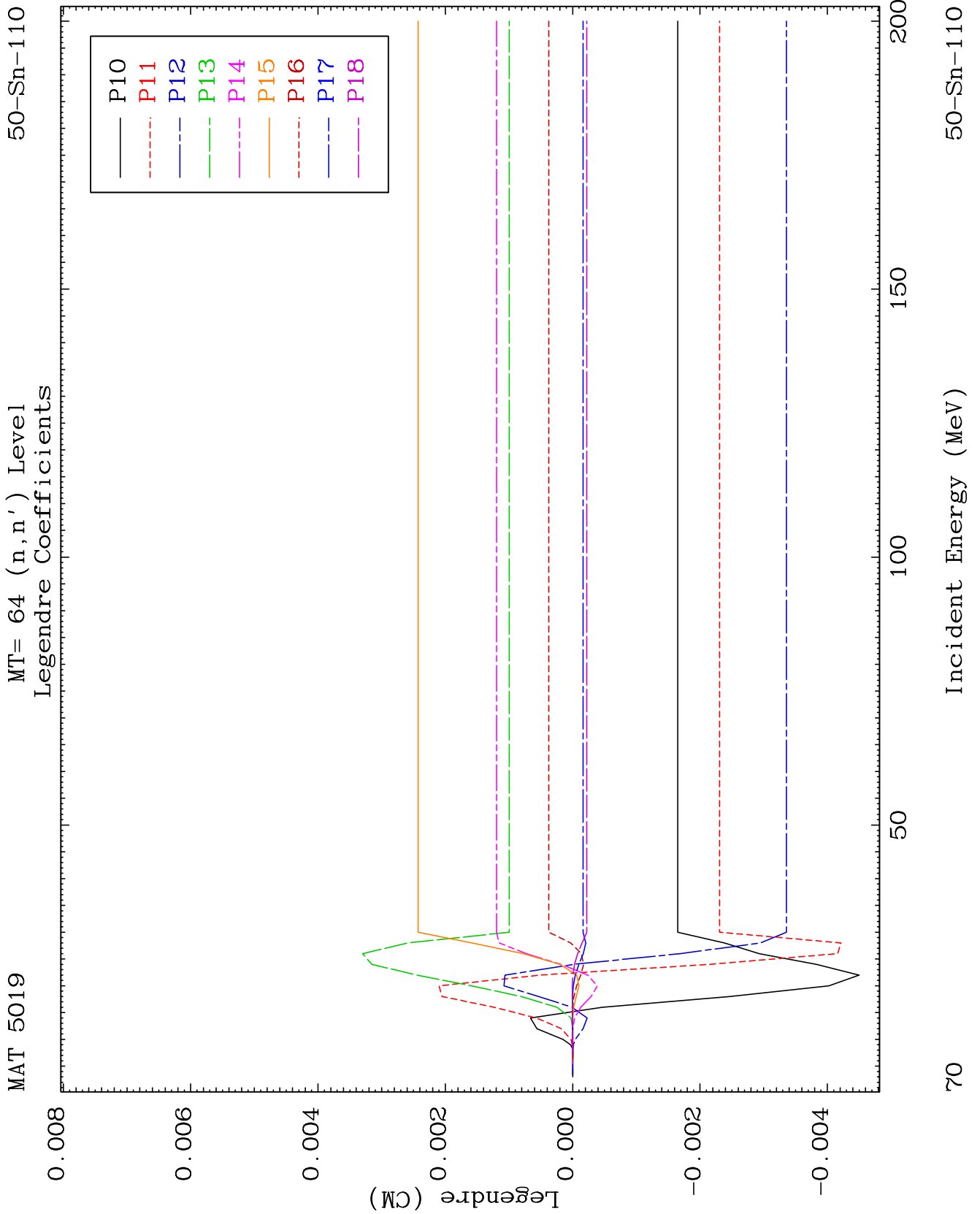


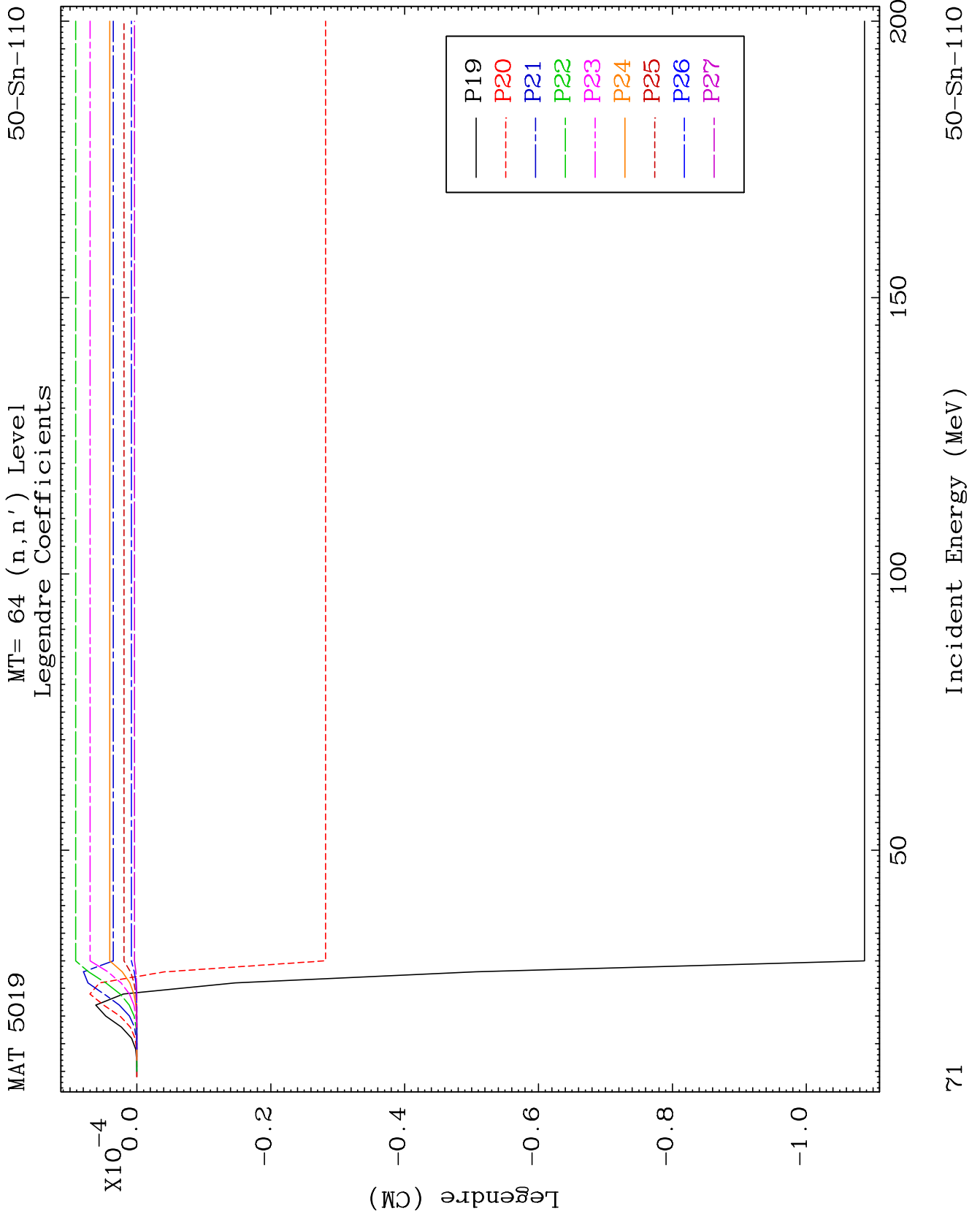








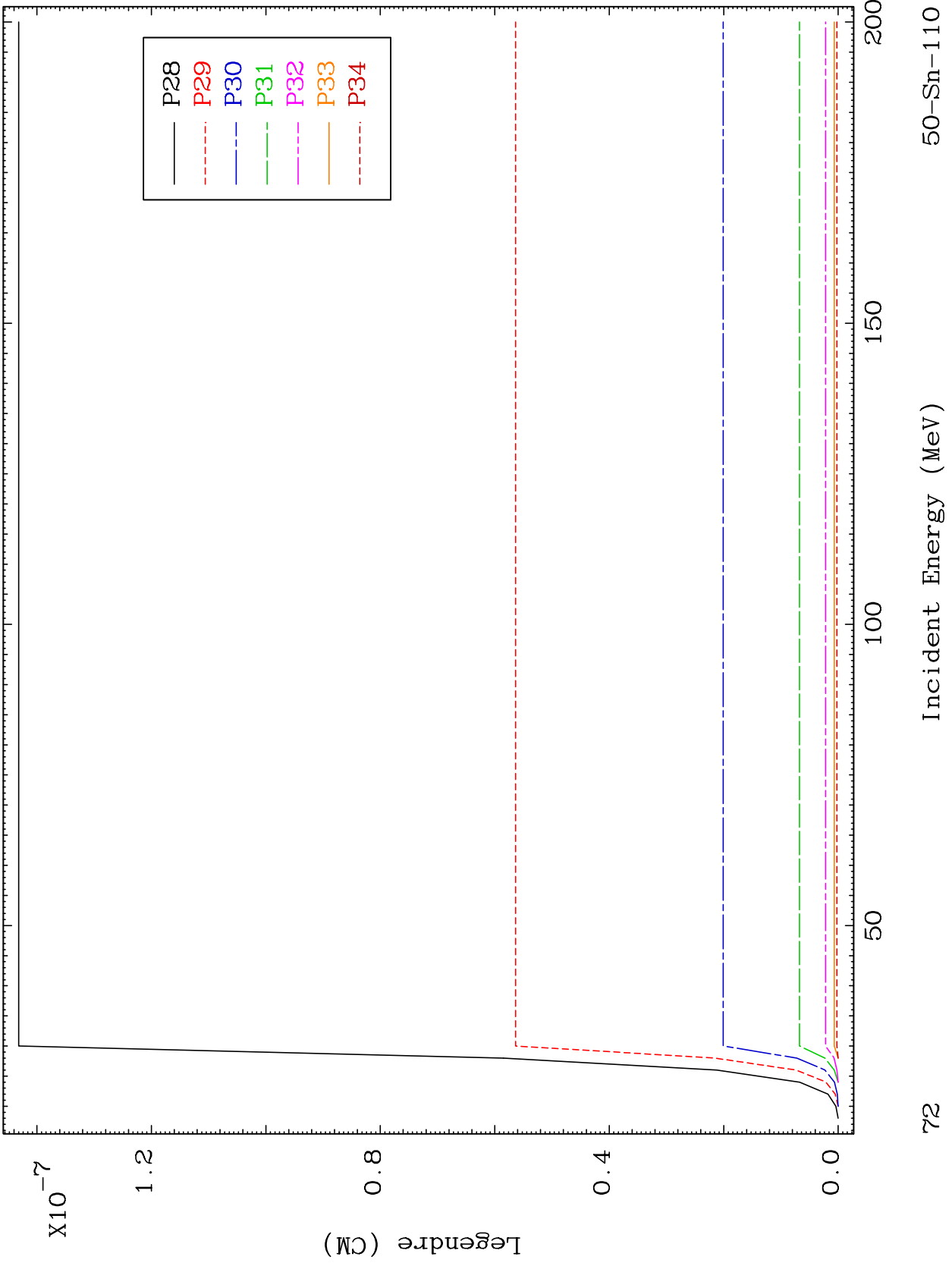




MAT 5019

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

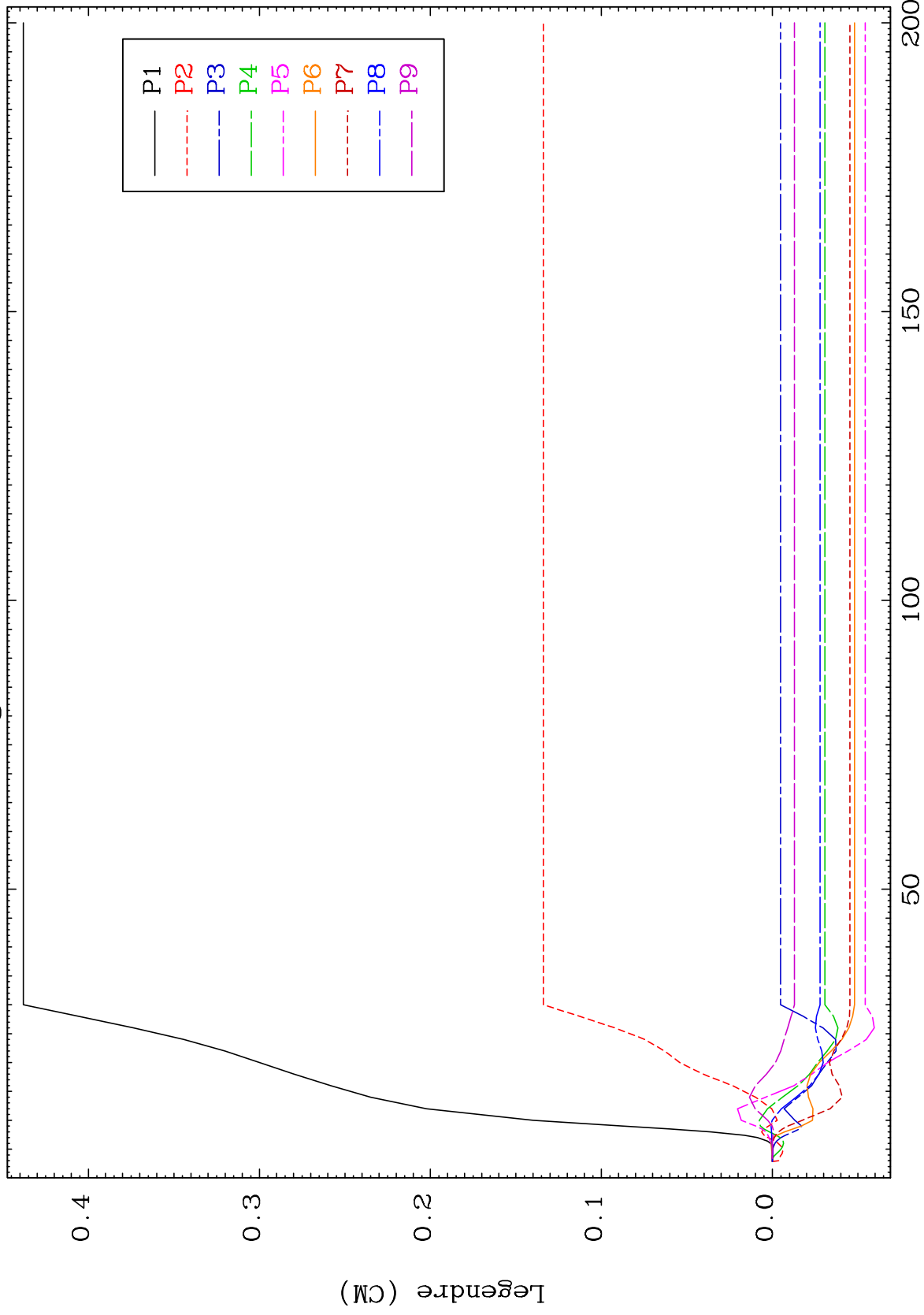
50-Sn-110

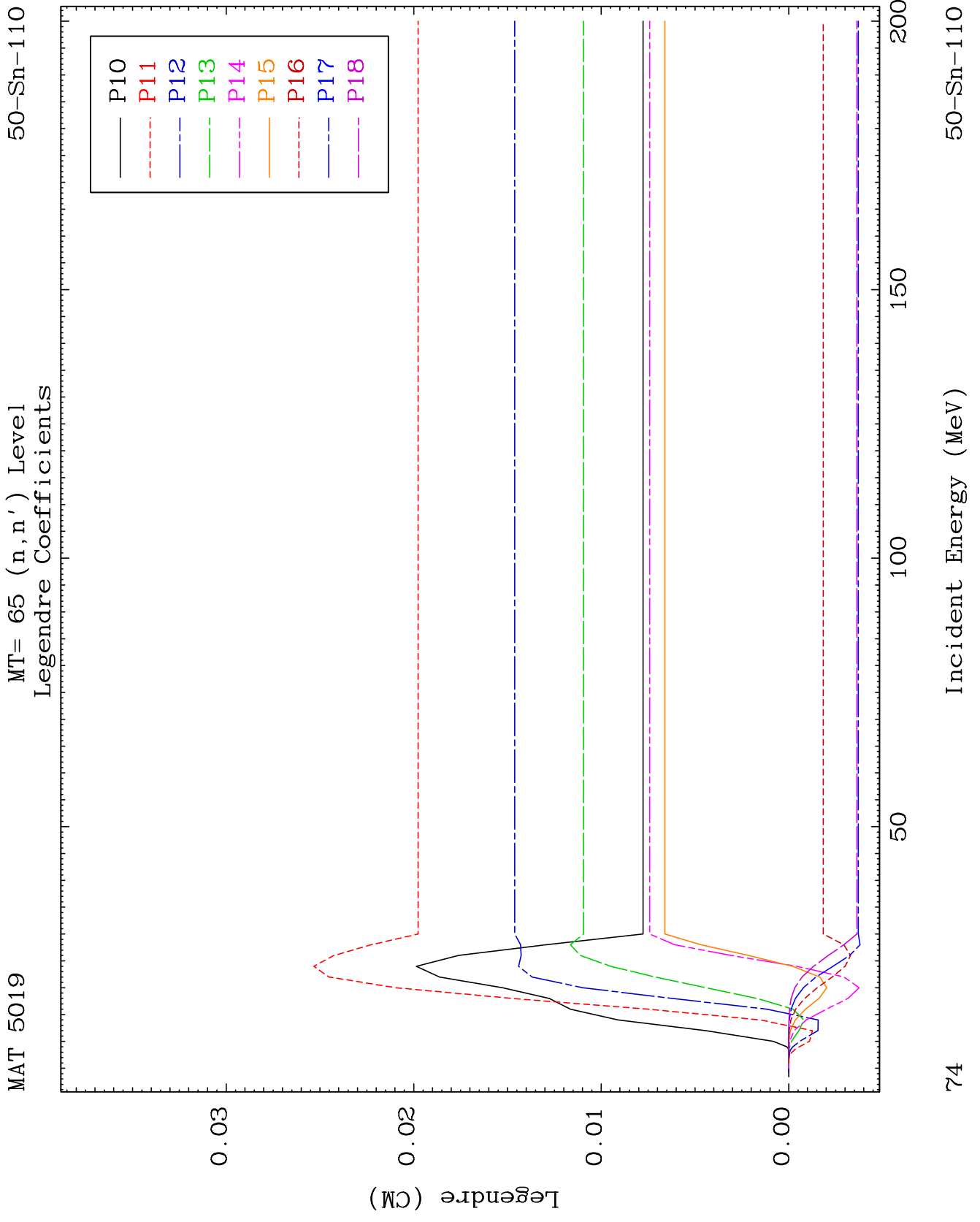


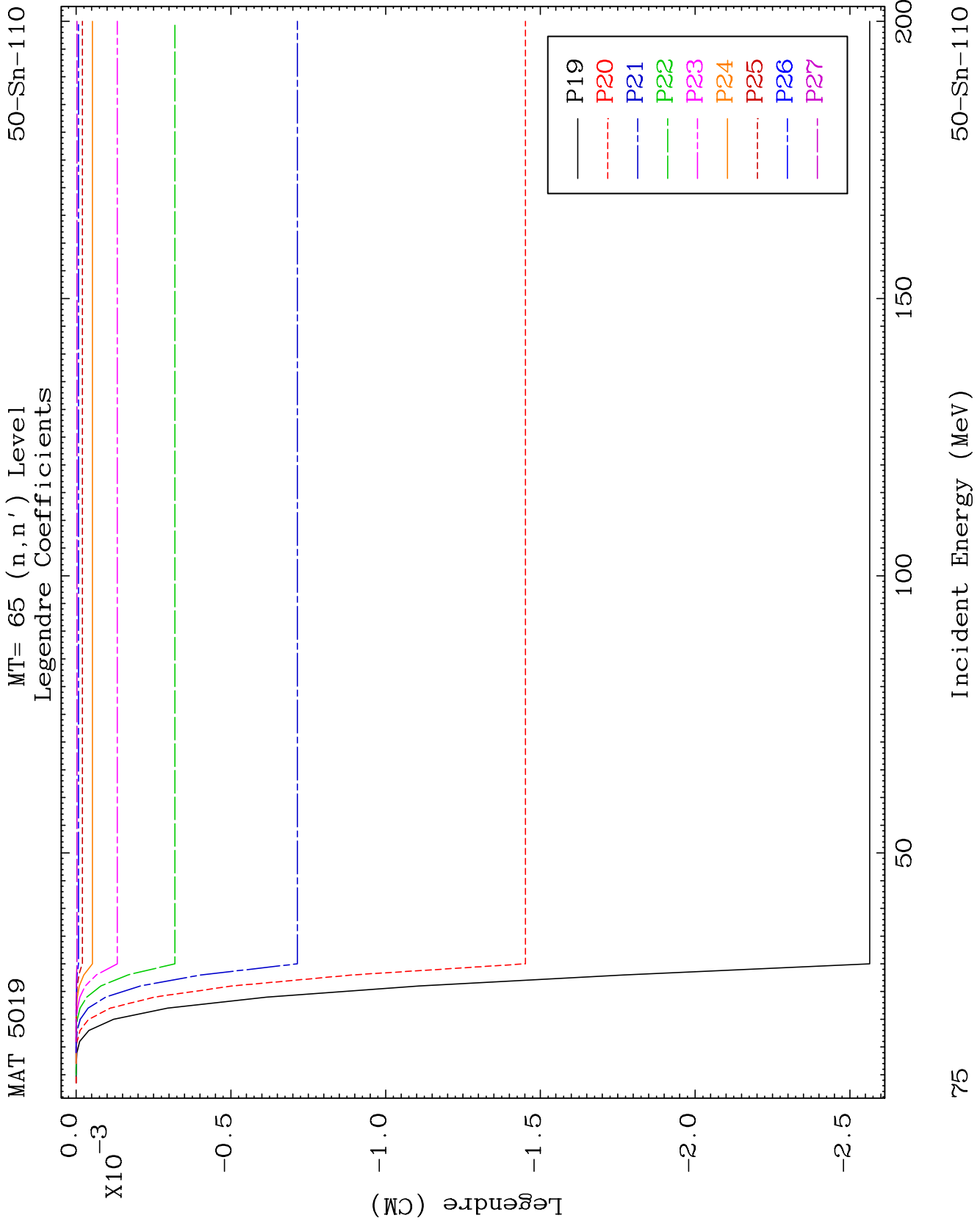
MAT 5019

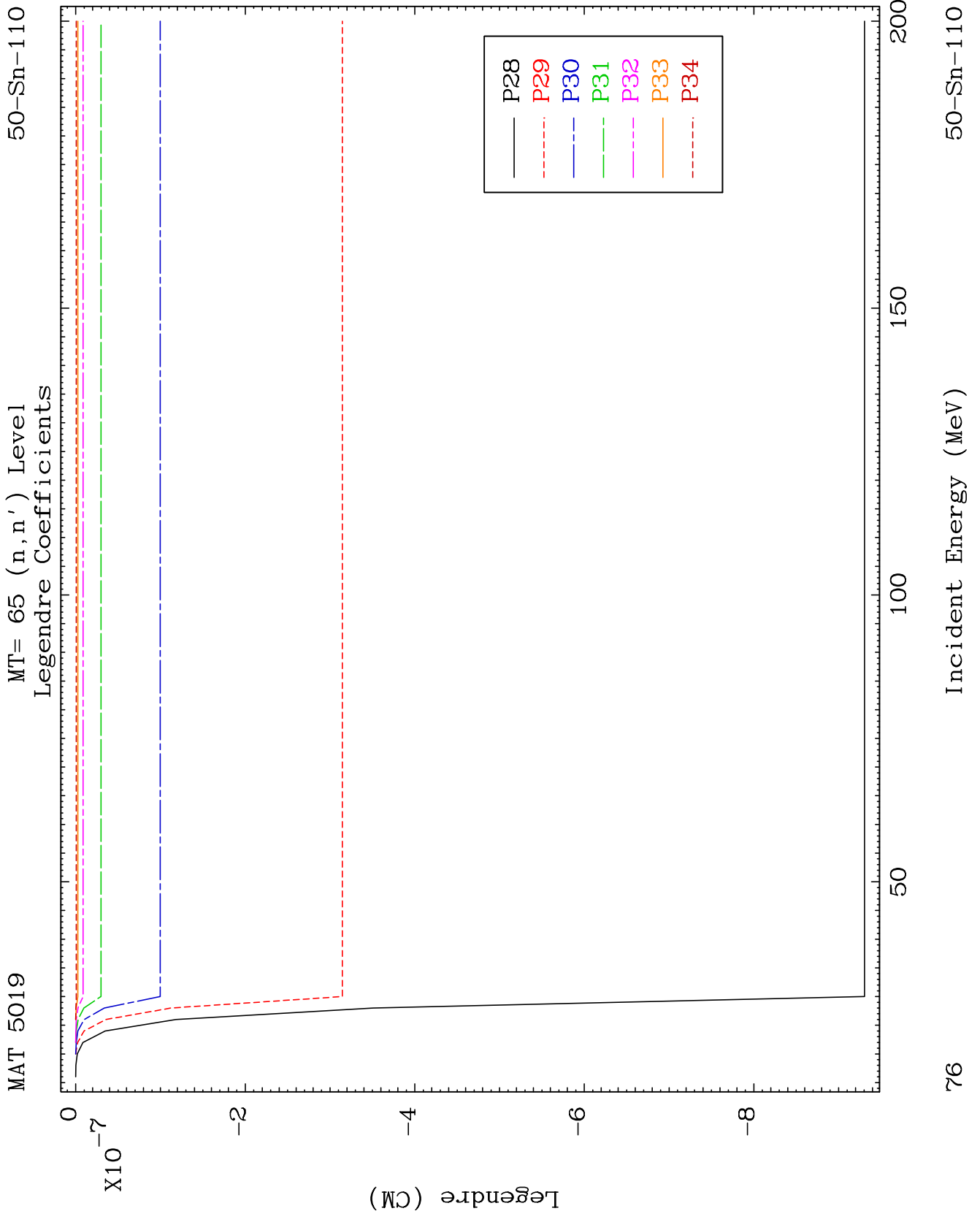
MT= 65 (n,n') Level
Legendre Coefficients

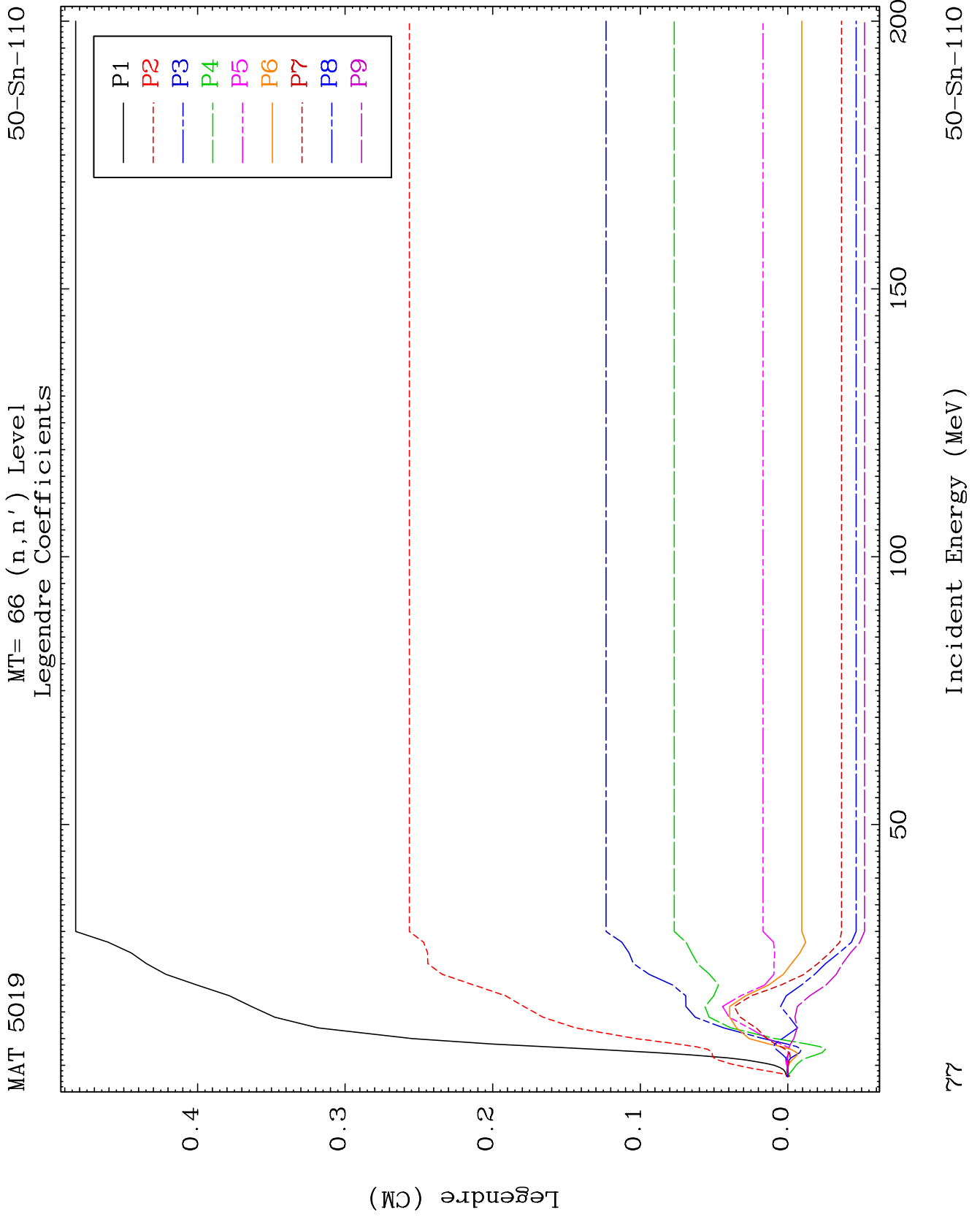
50-Sn-110







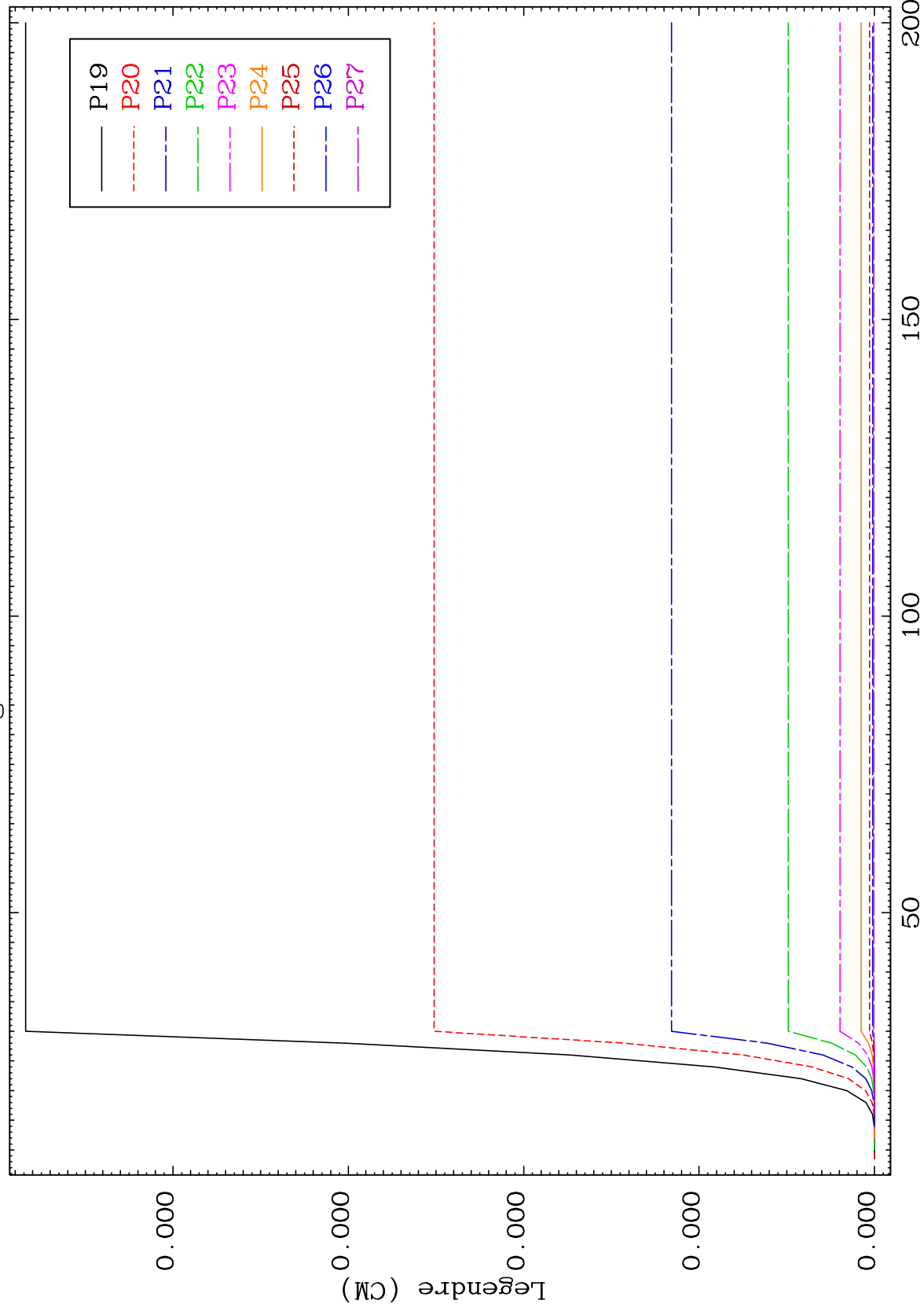




MAT 5019

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

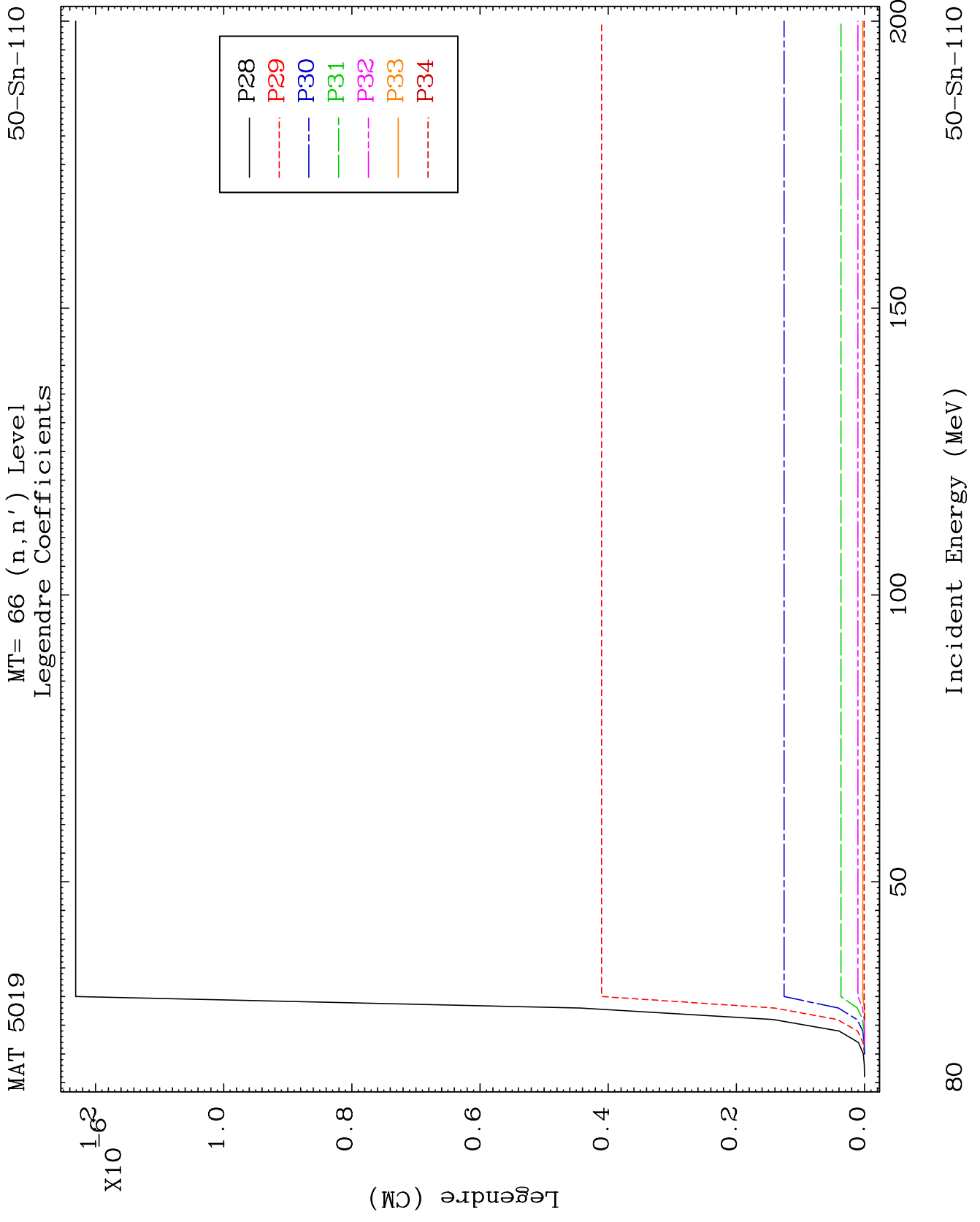
50-Sn-110

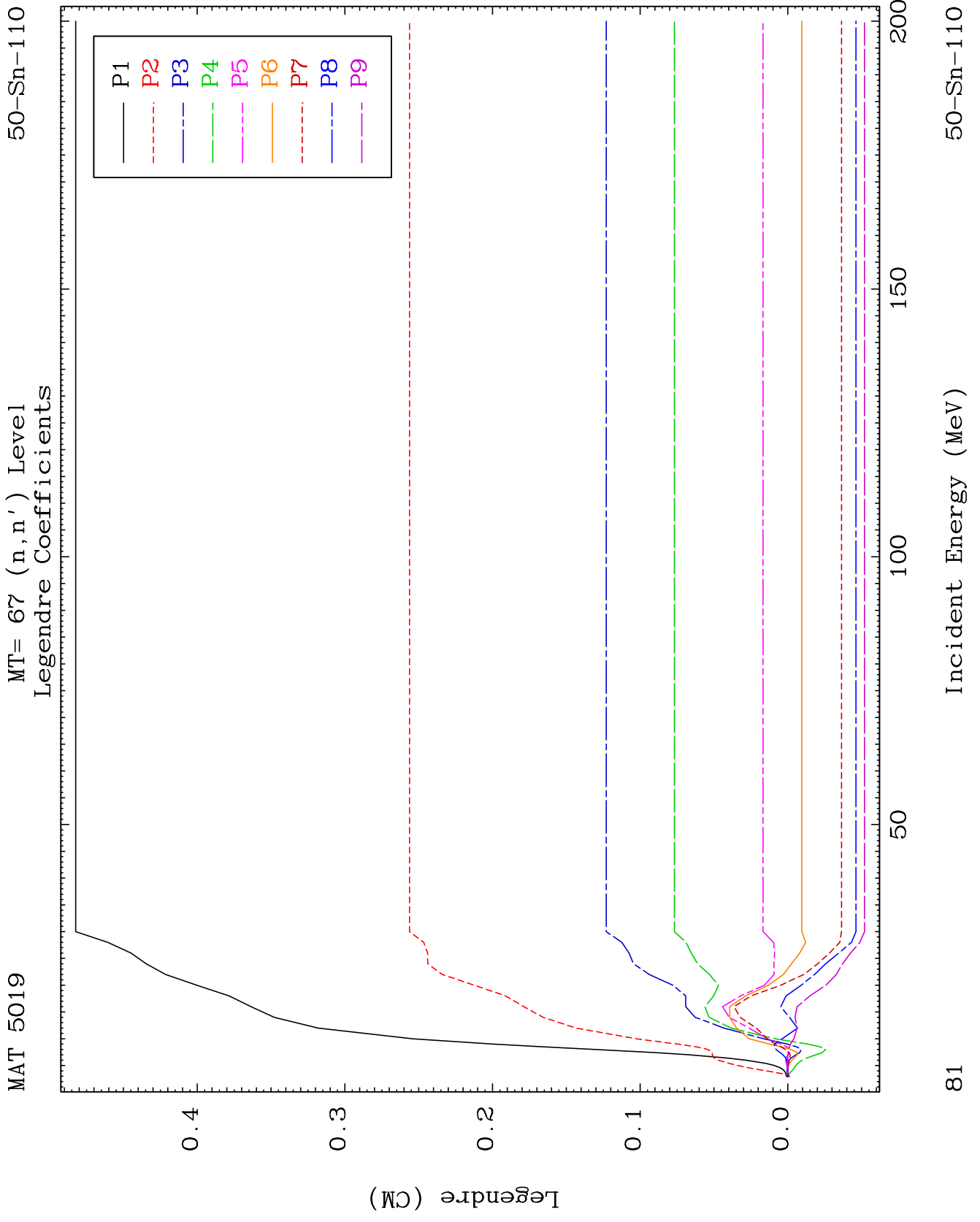


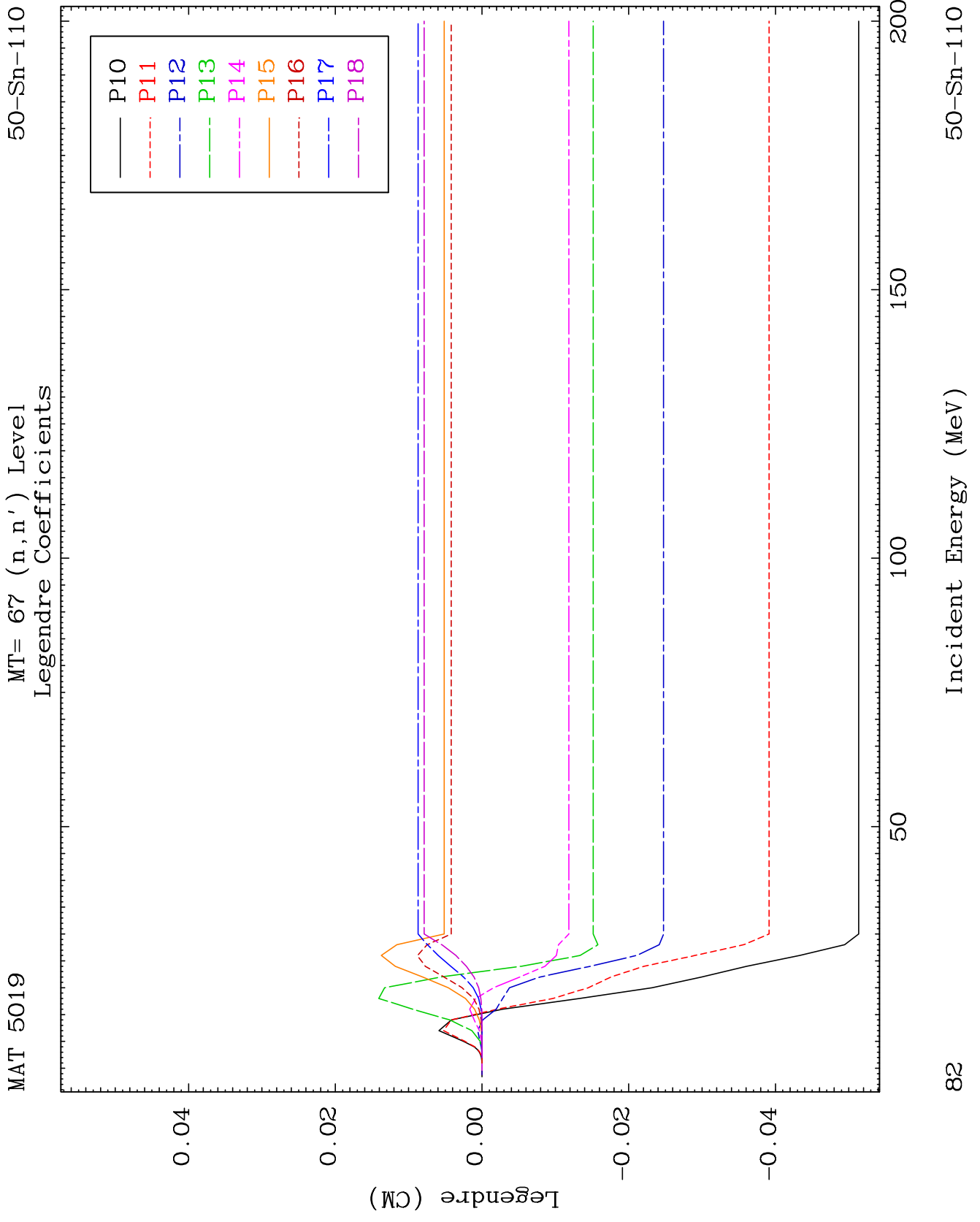
79

Incident Energy (MeV)

50-Sn-110



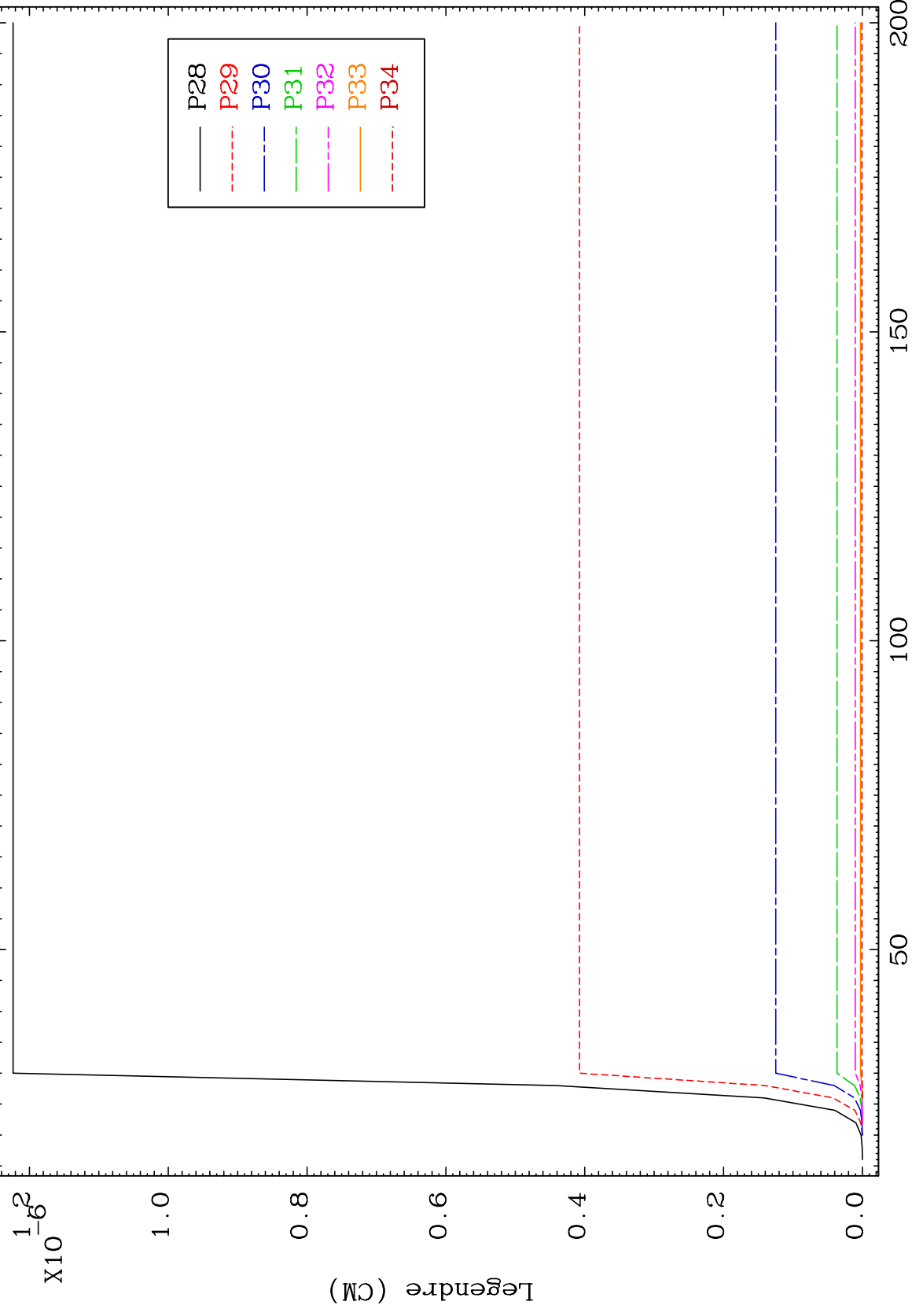




MAT 5019

MT= 67 (n,n') Level
Legendre Coefficients

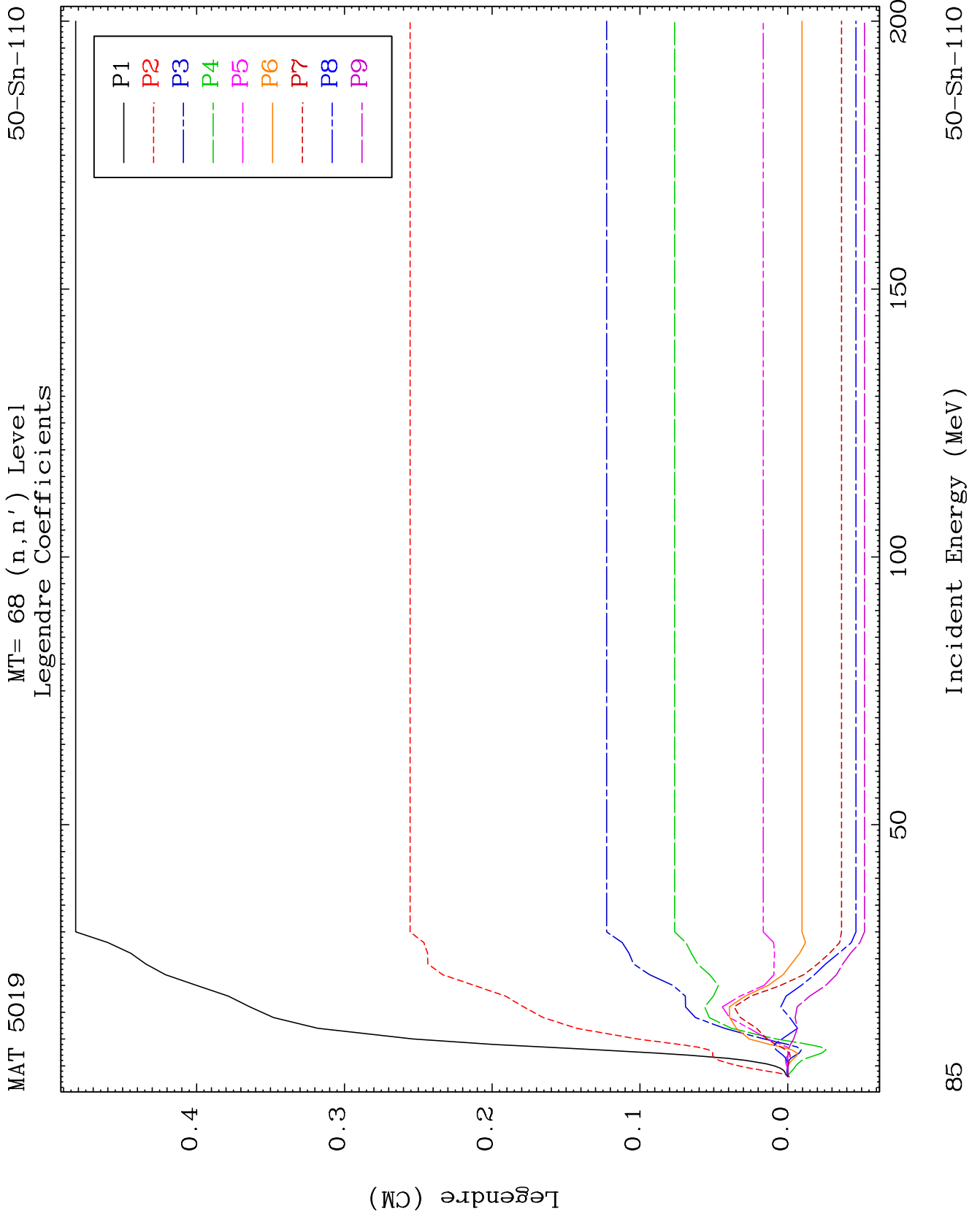
50-Sn-110

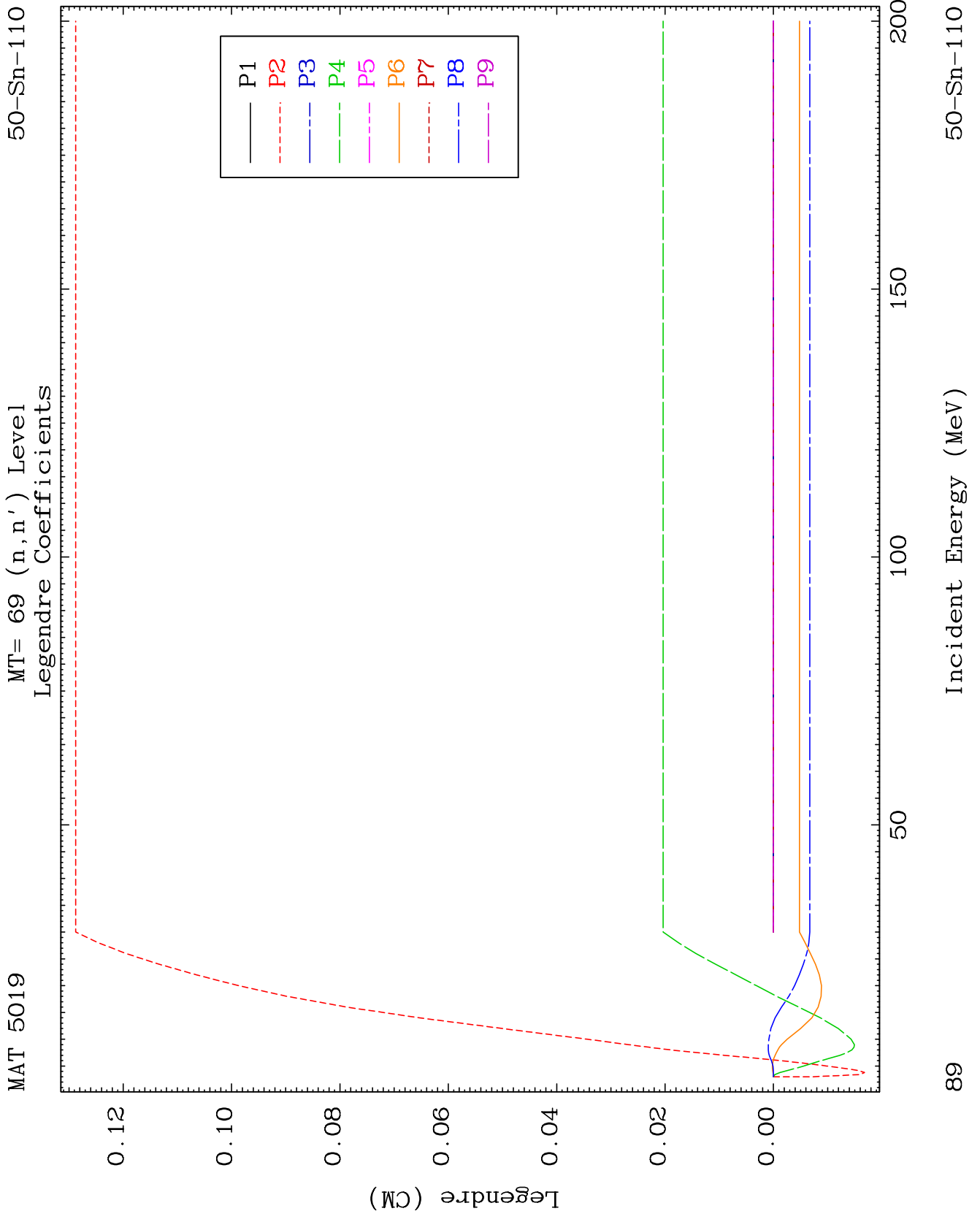


84

Incident Energy (MeV)

50-Sn-110

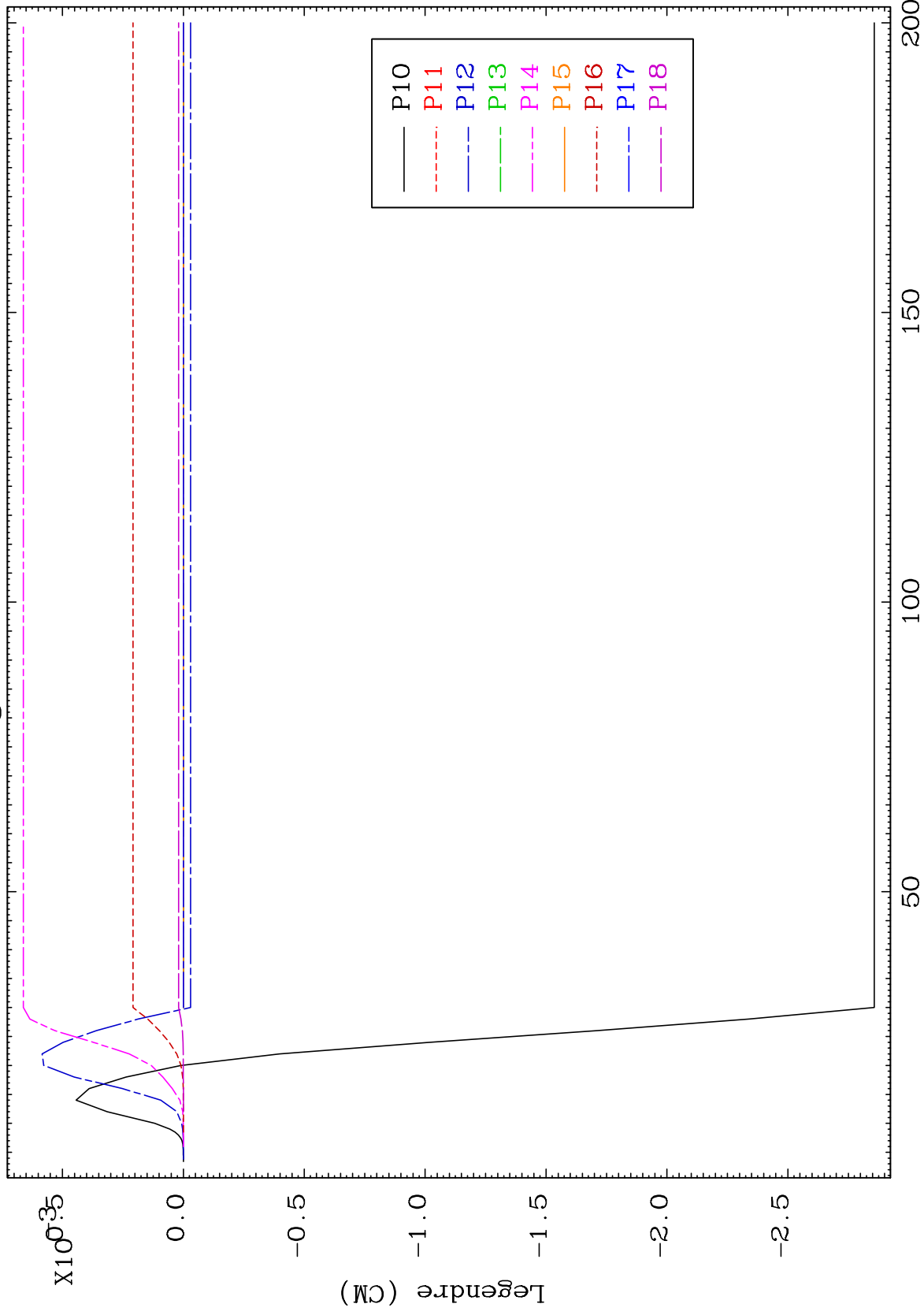




MAT 5019

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

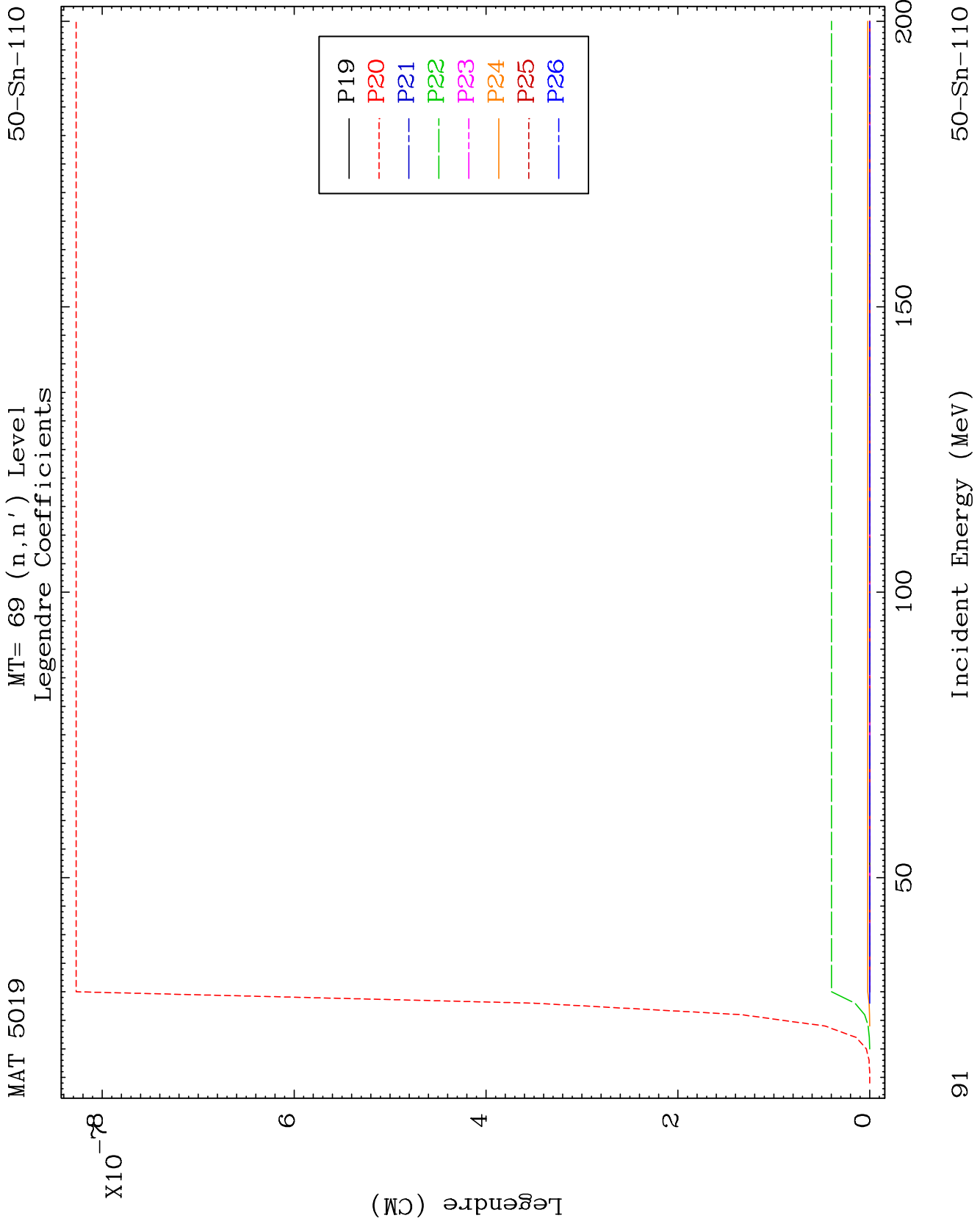
50-Sn-110

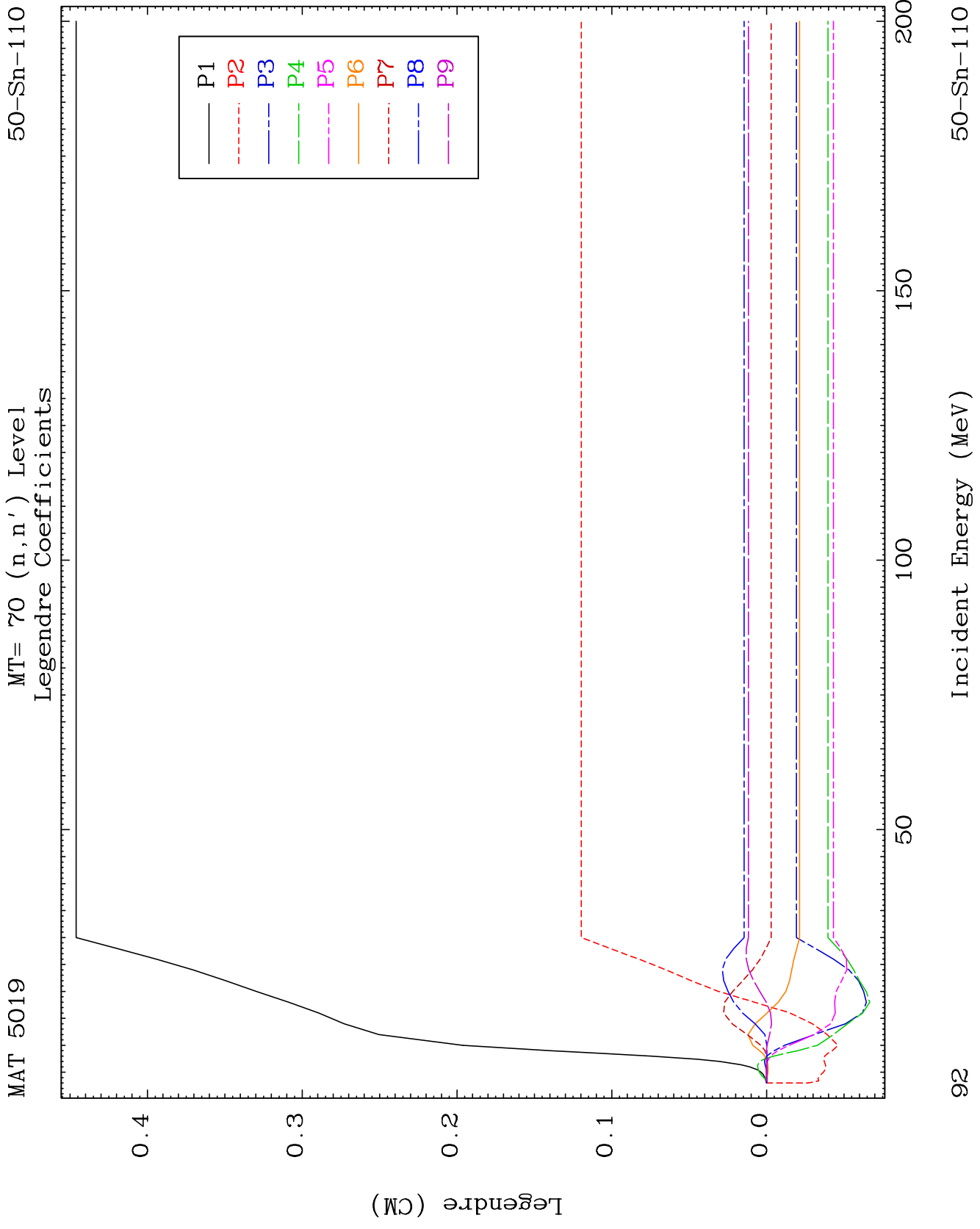


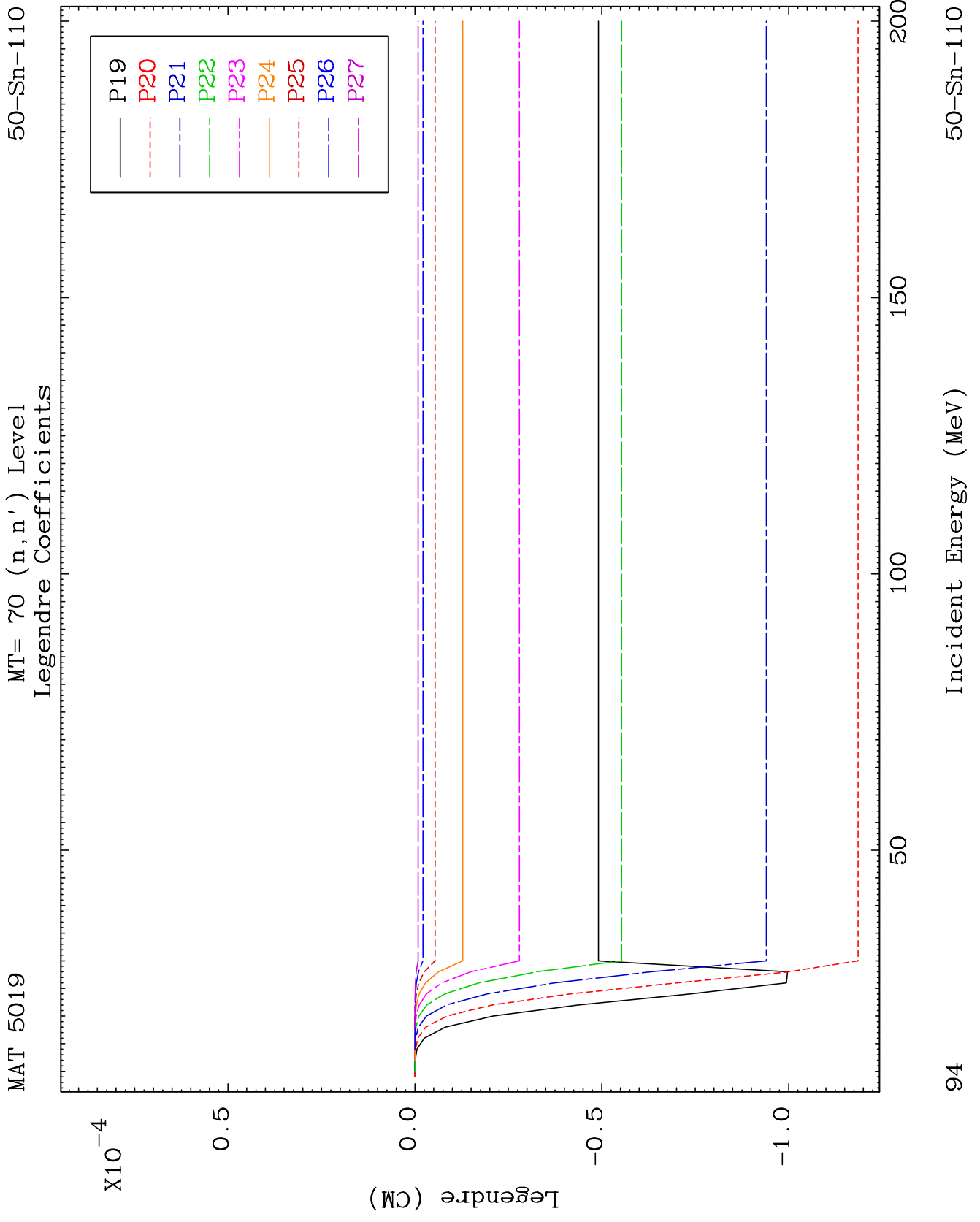
90

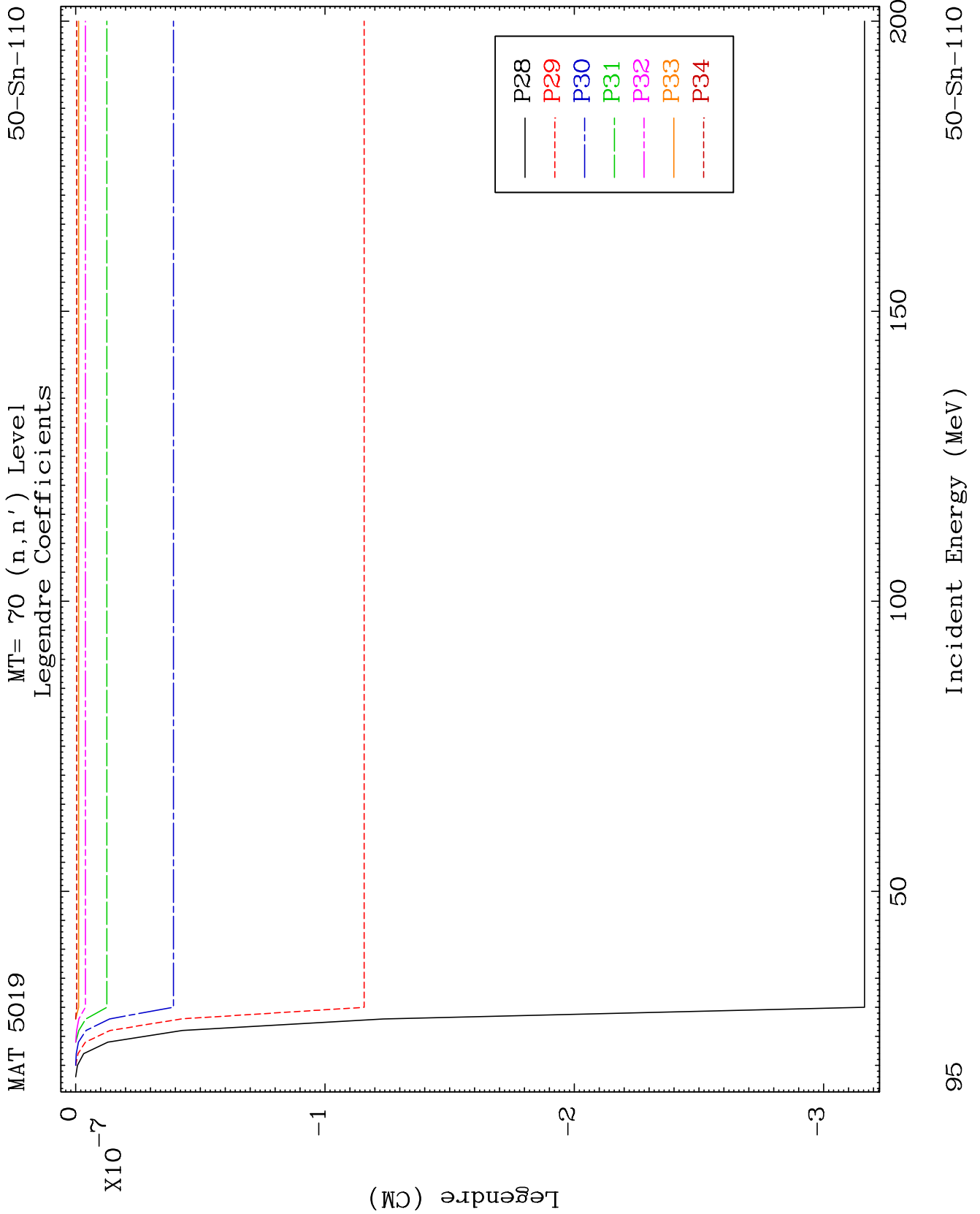
Incident Energy (MeV)

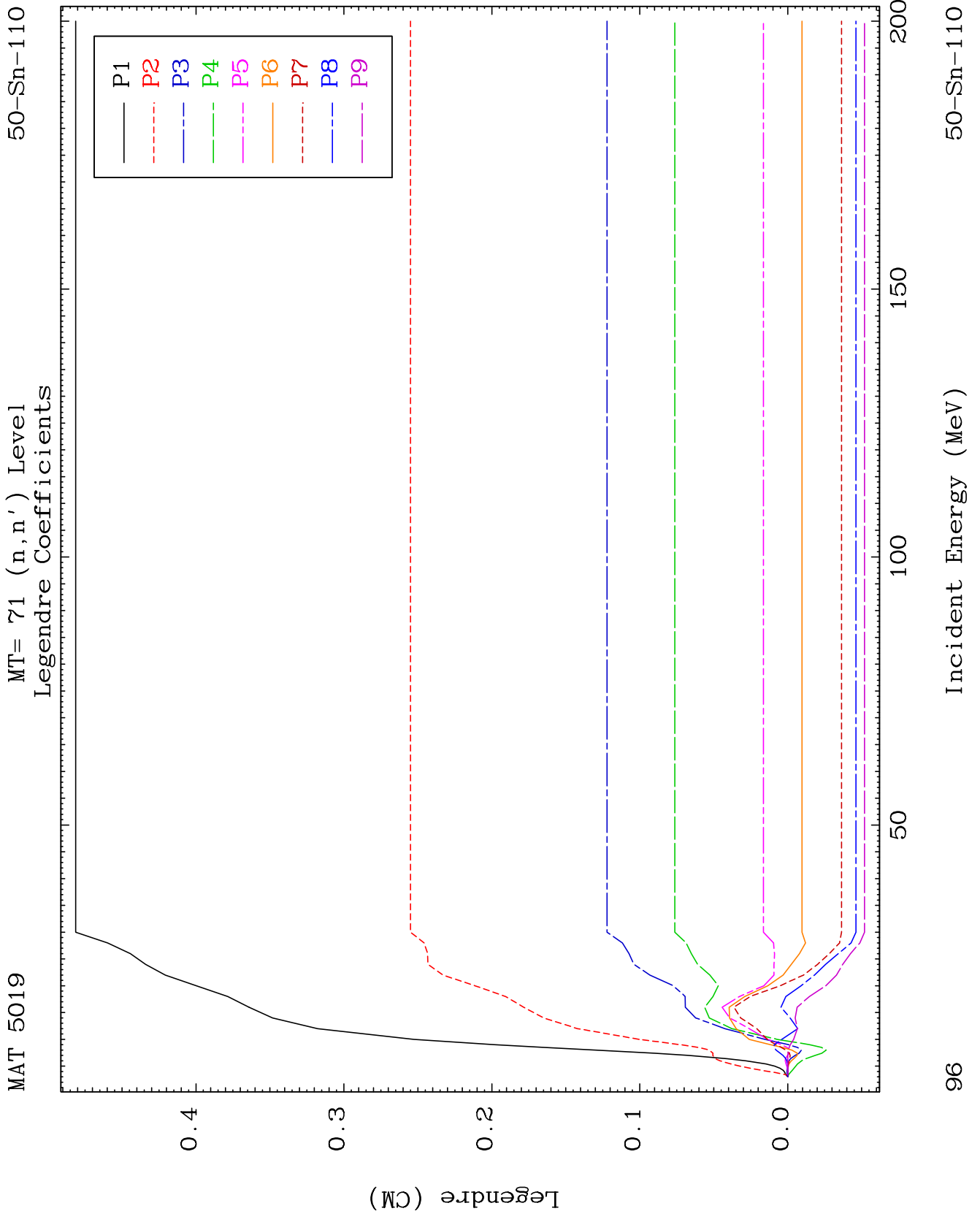
50-Sn-110

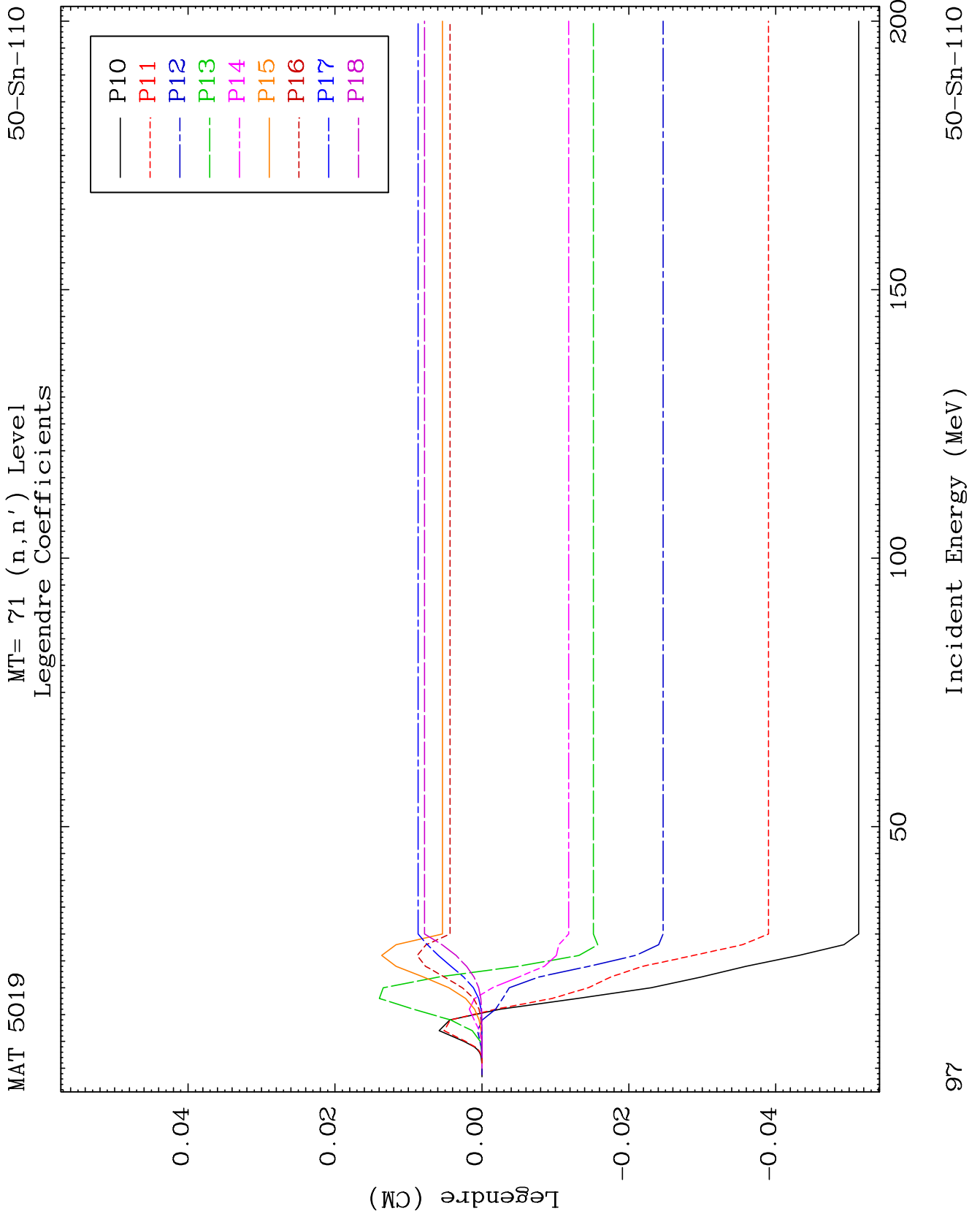


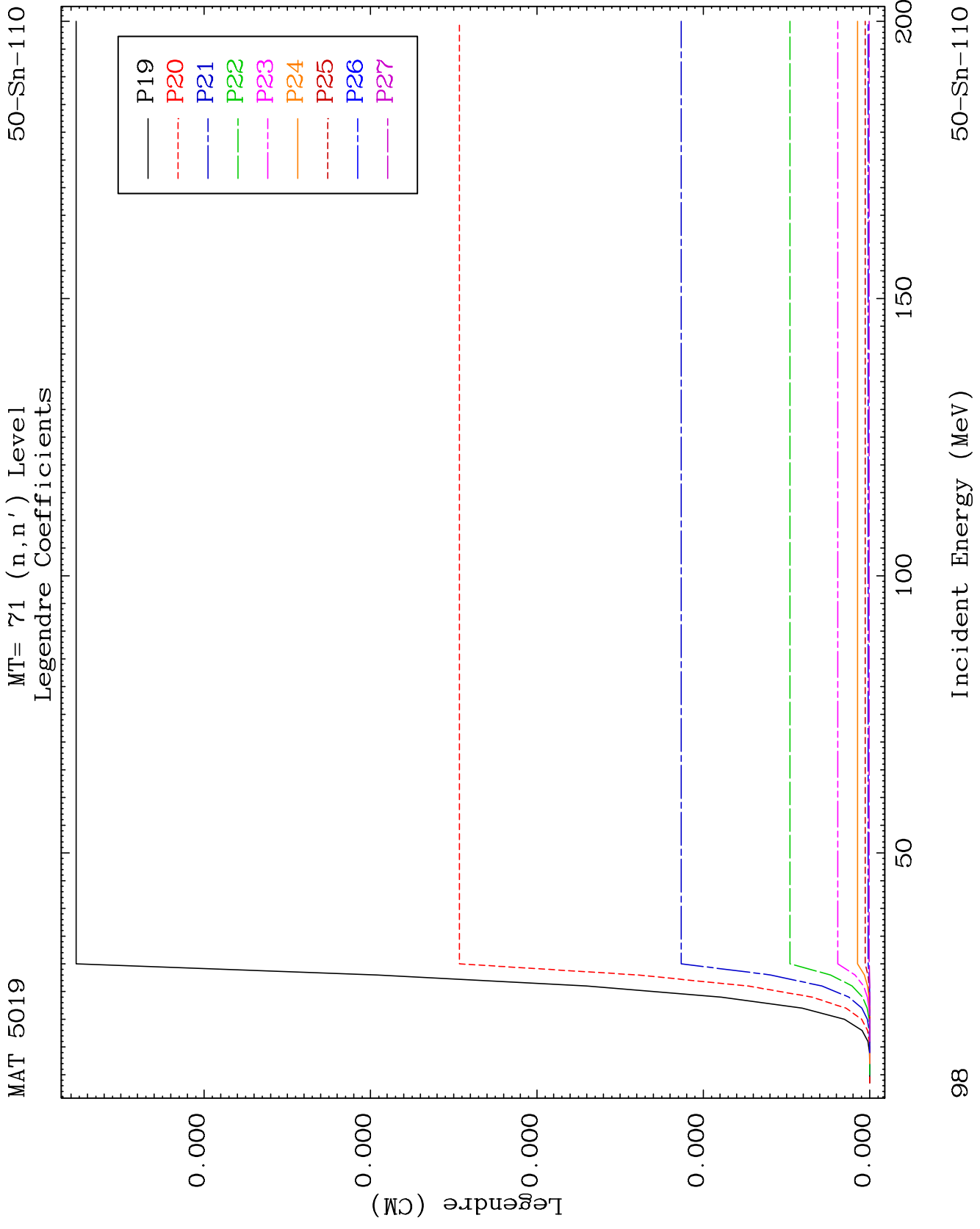


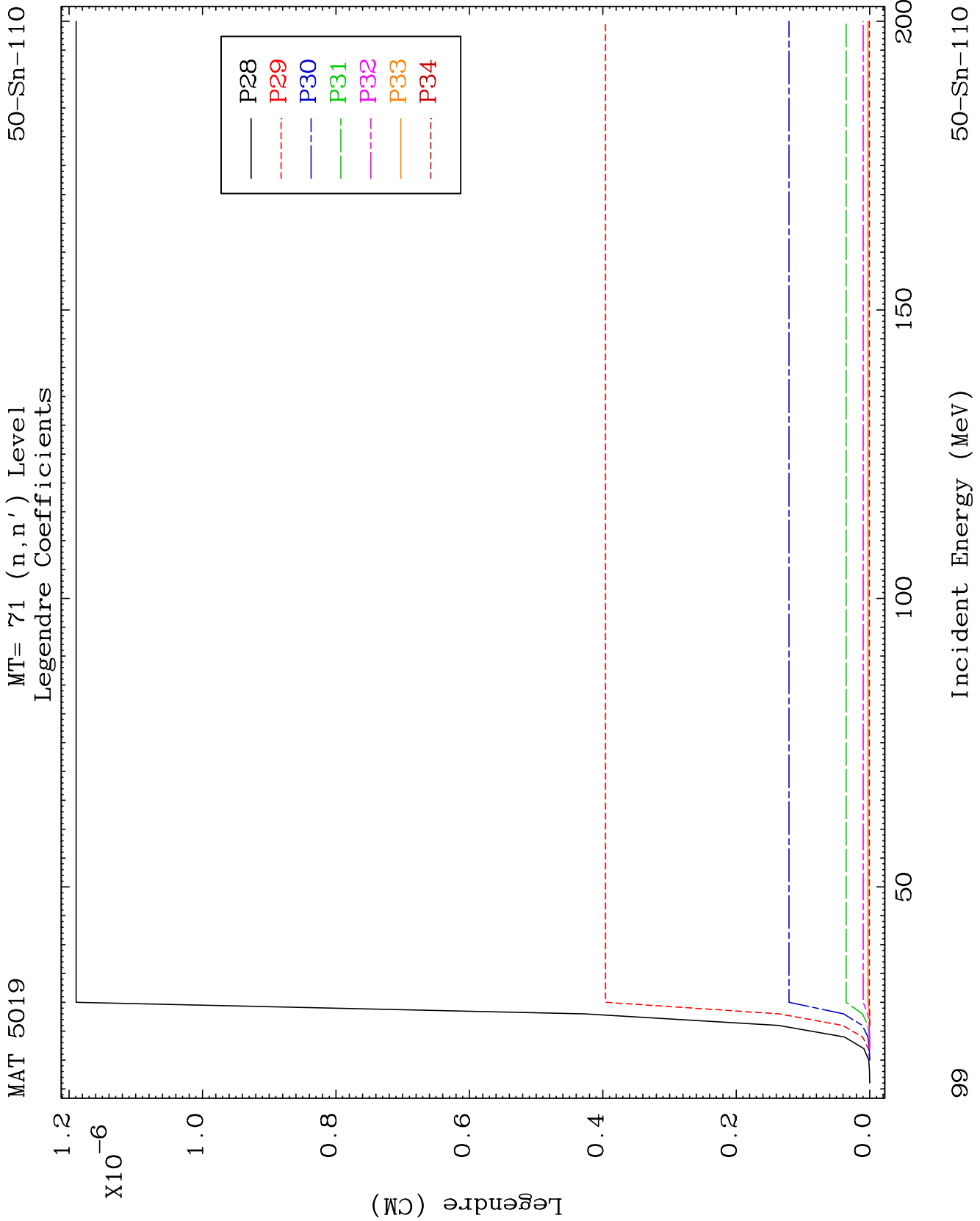


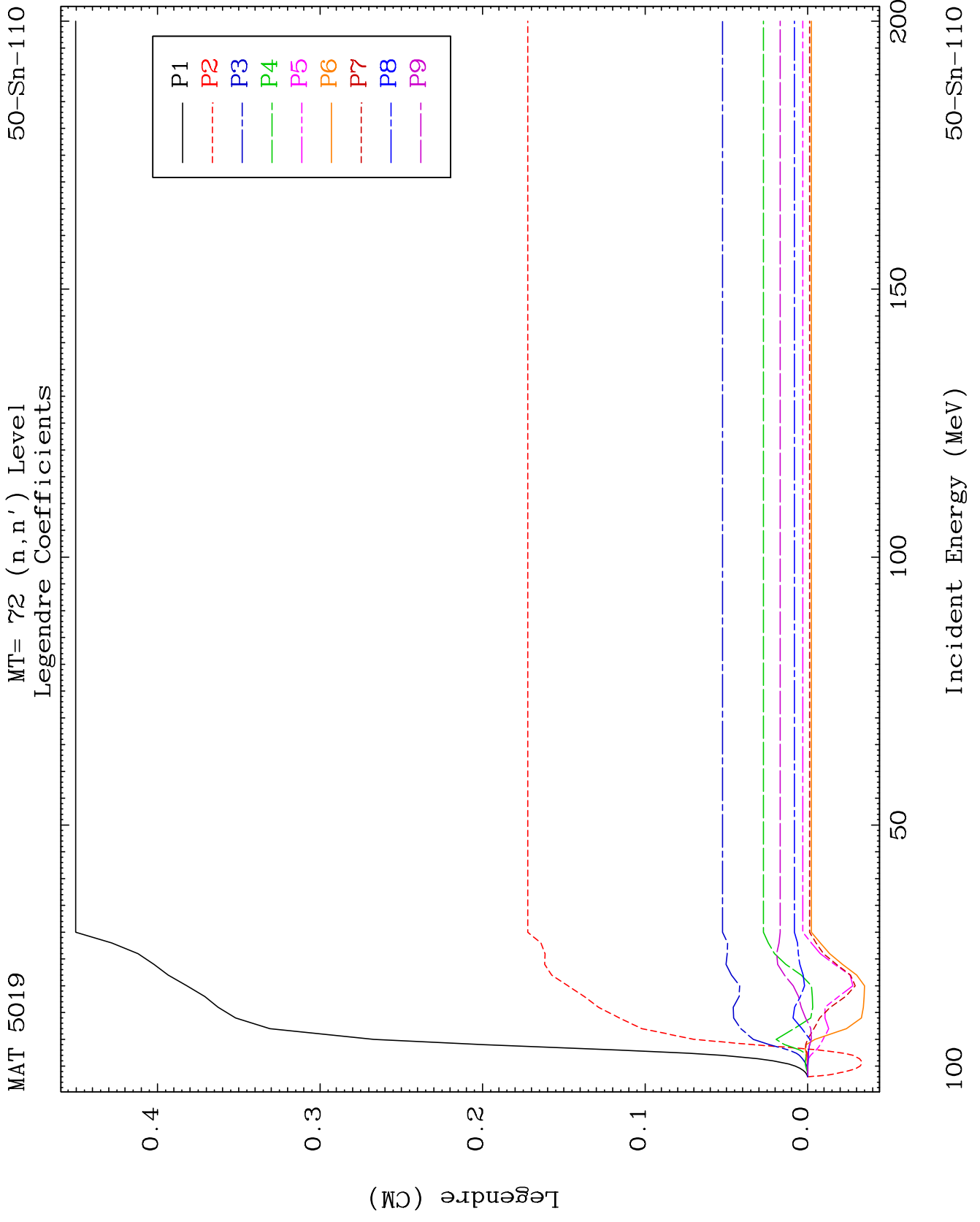


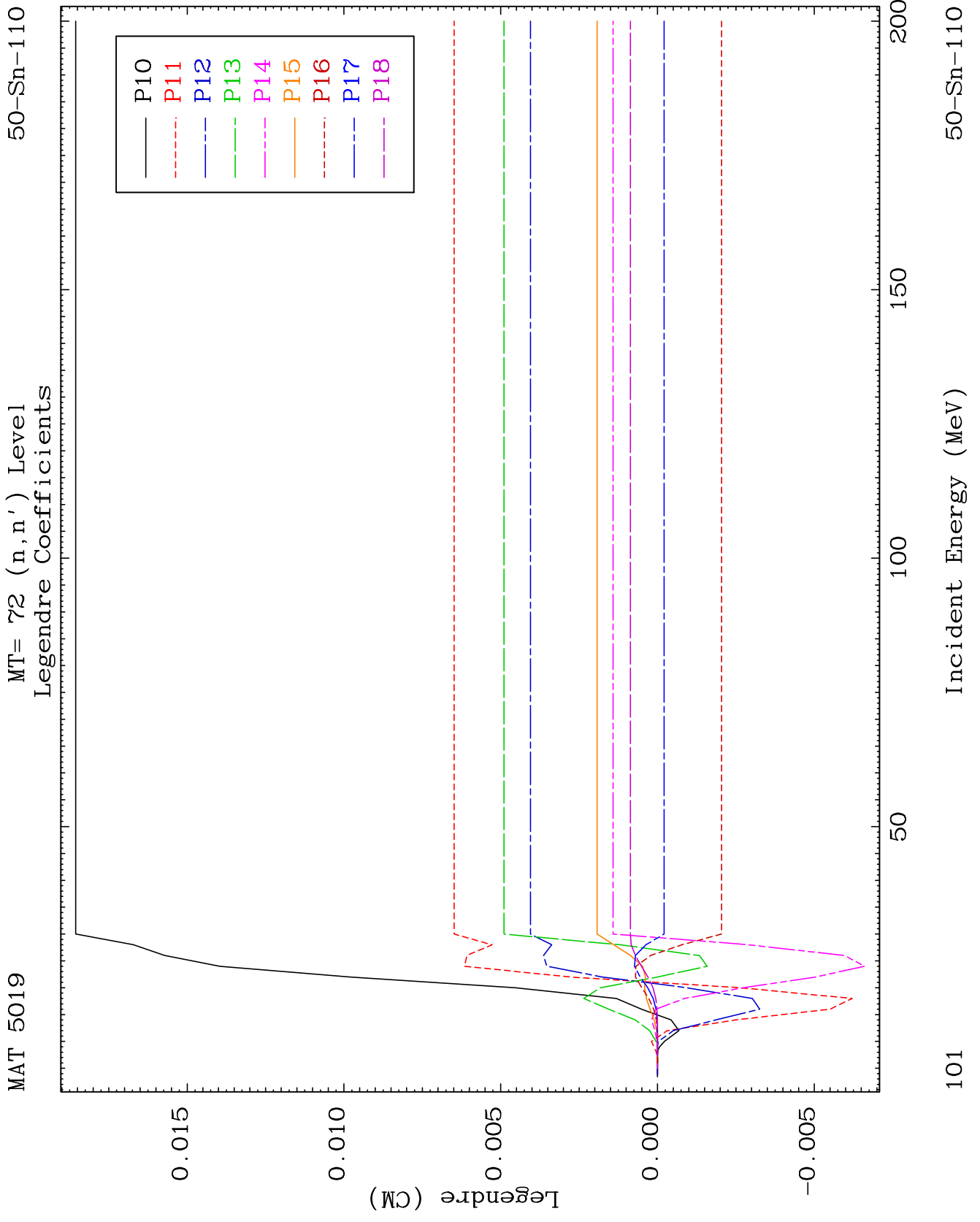








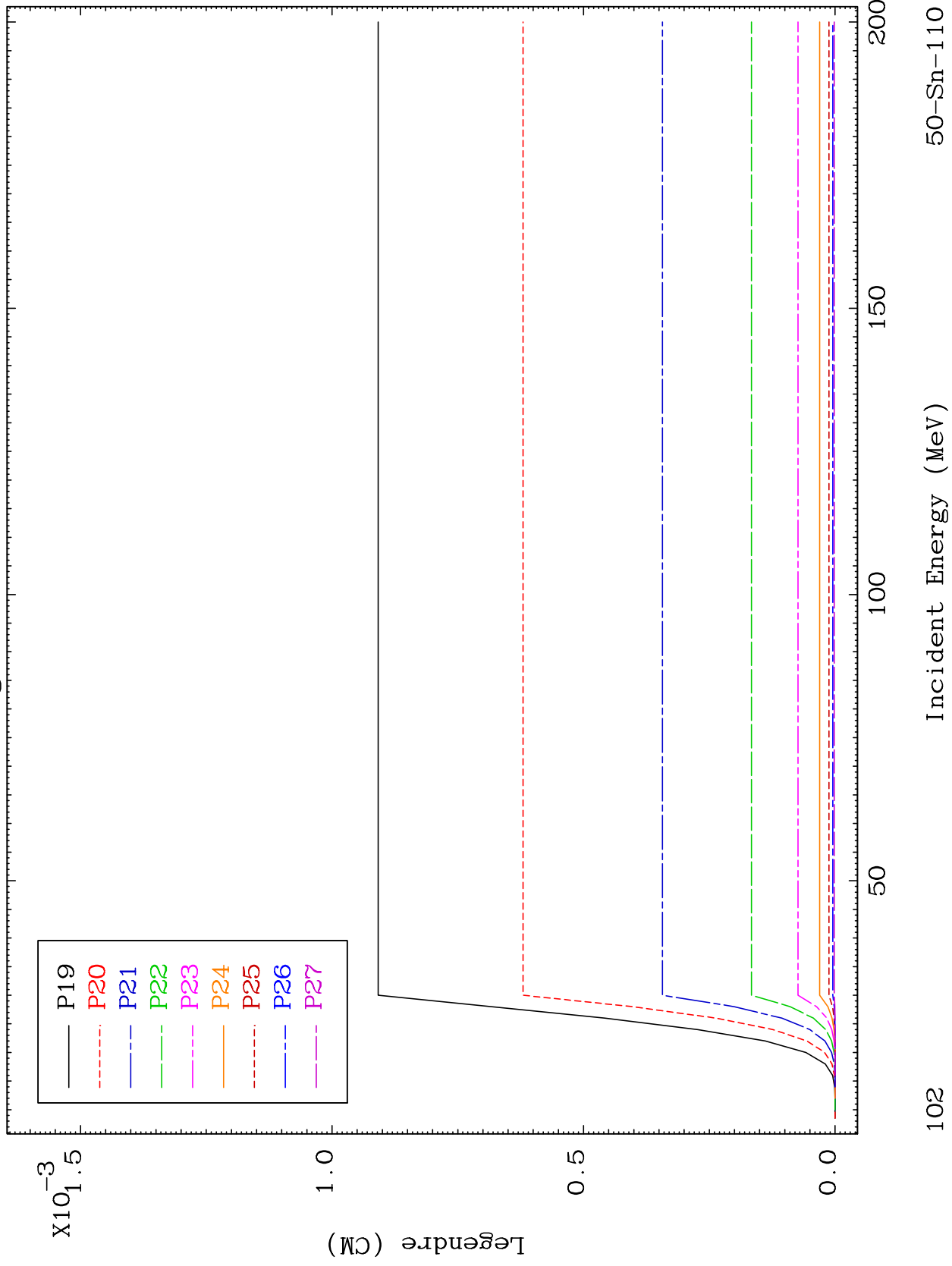




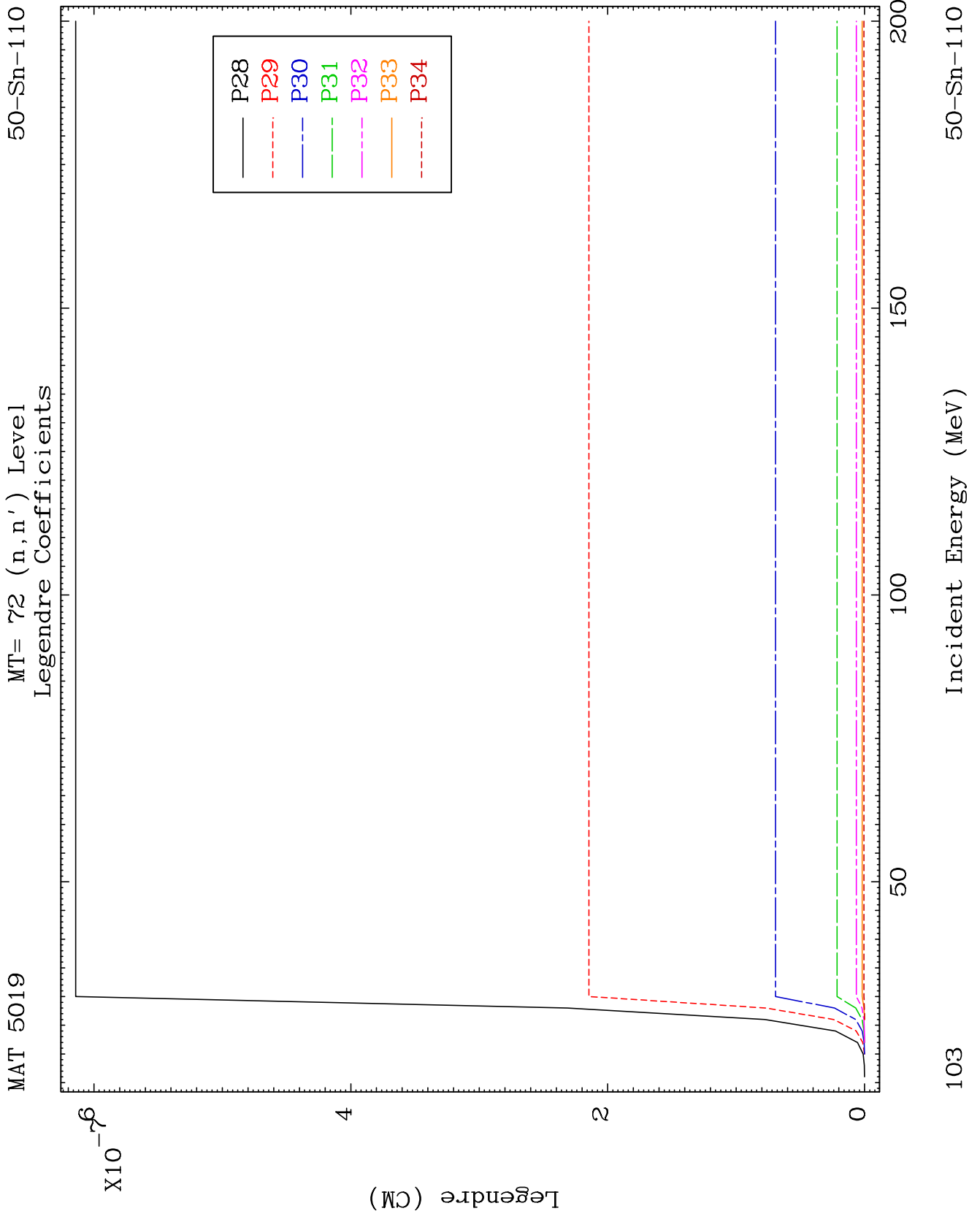
MAT 5019

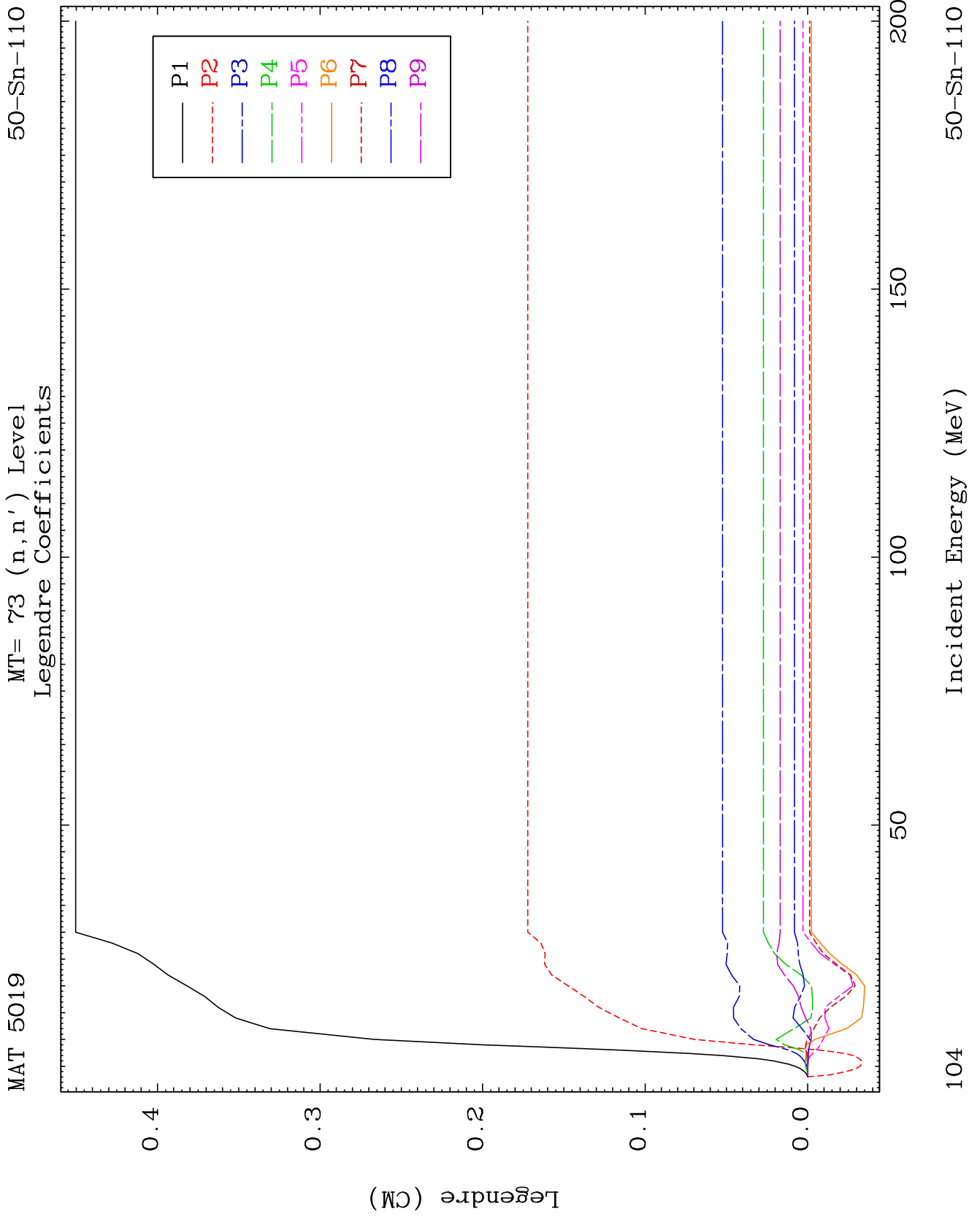
MT= 72 (n,n') Level
Legendre Coefficients

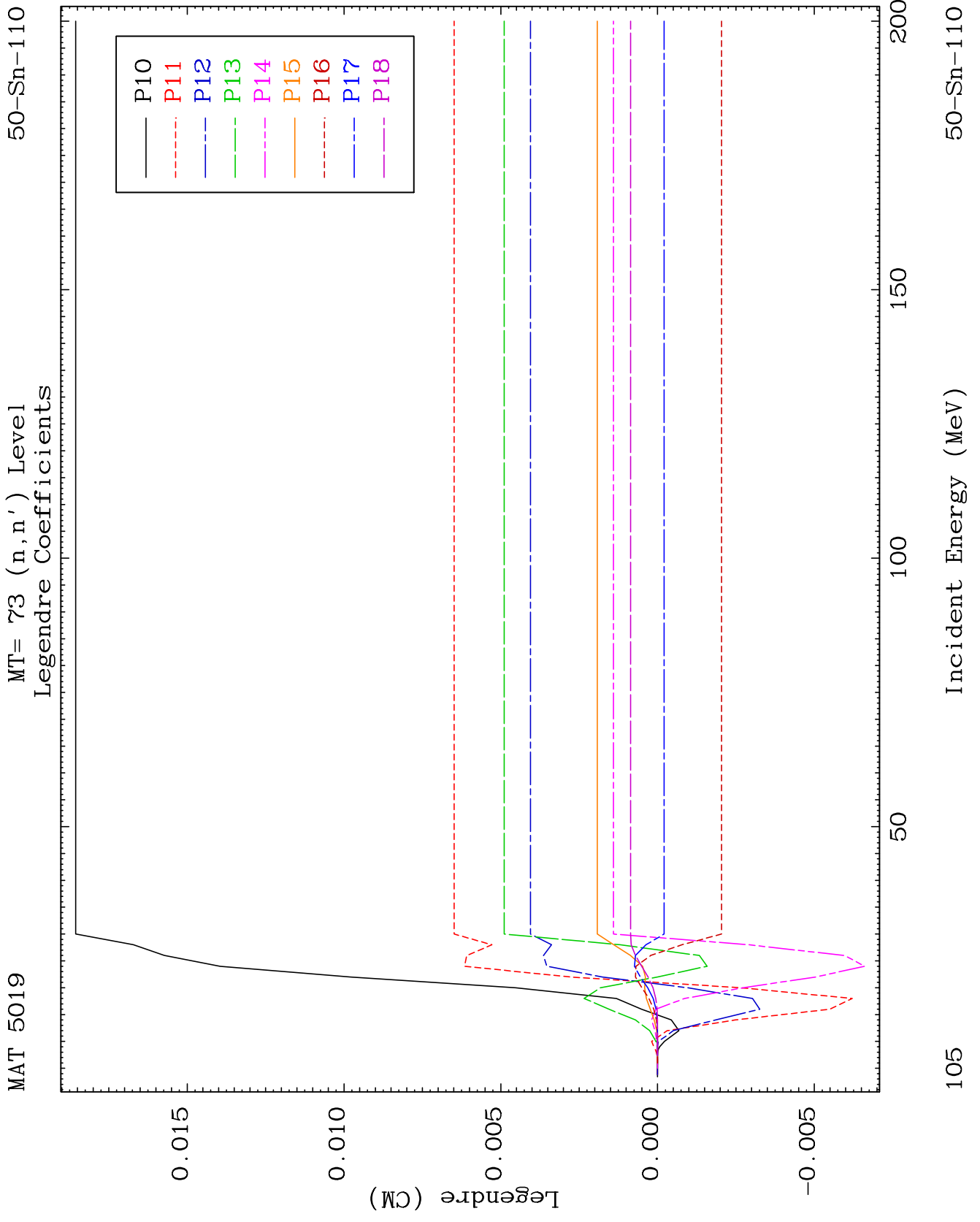
50-Sn-110



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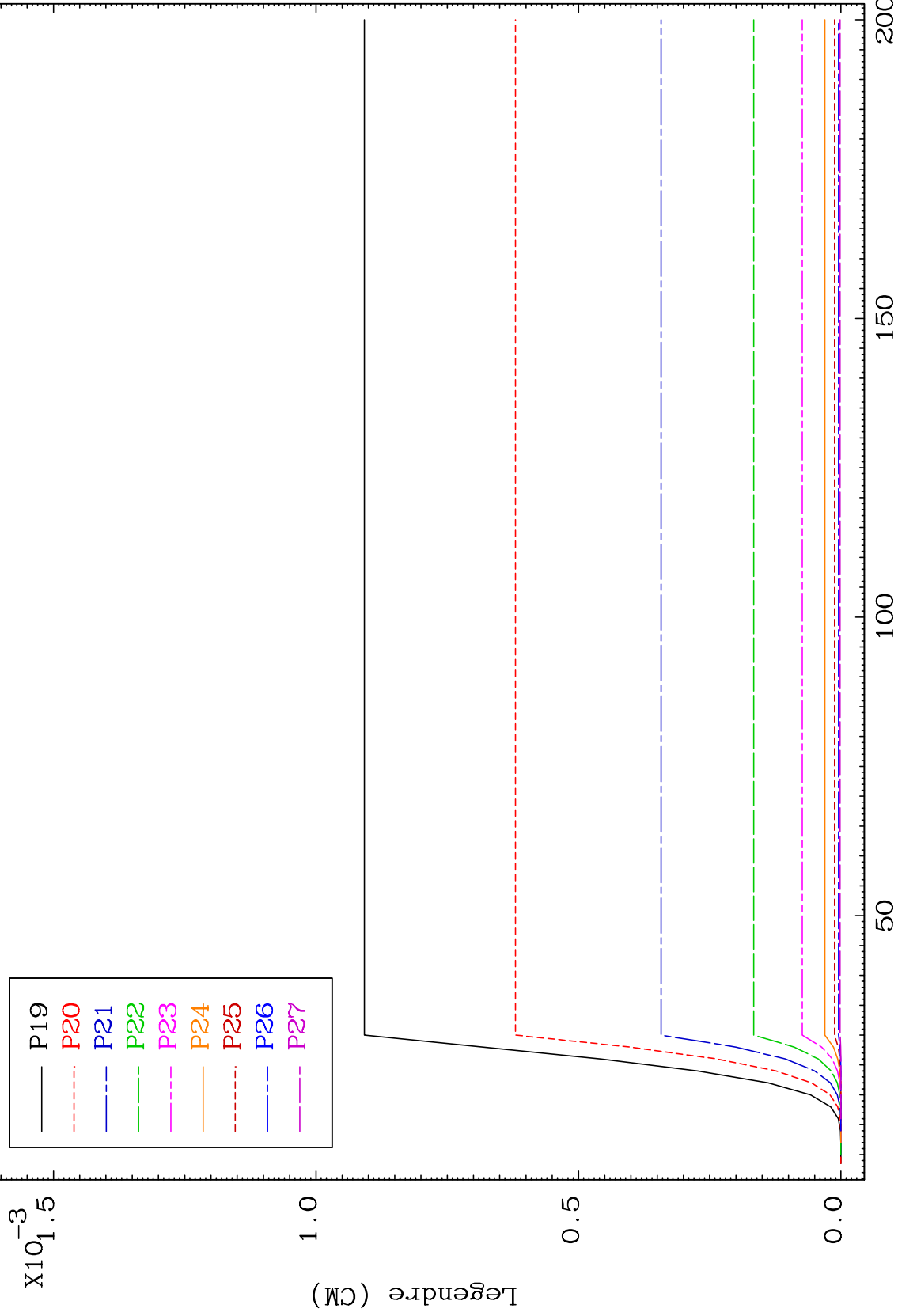
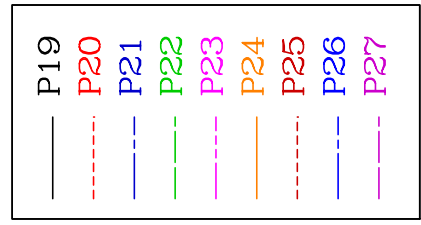




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MT= 73 (n,n') Level
Legendre Coefficients

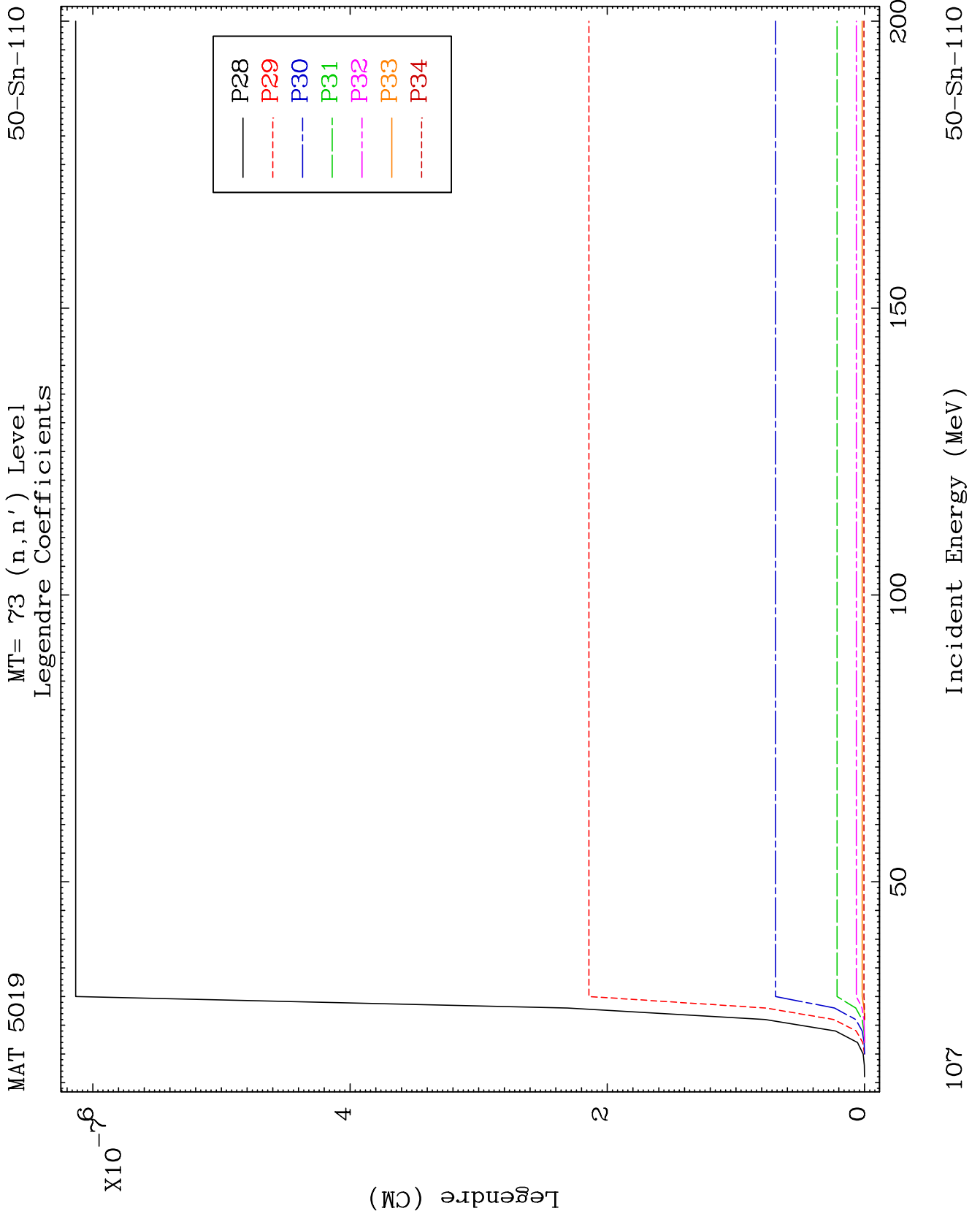
50-Sn-110

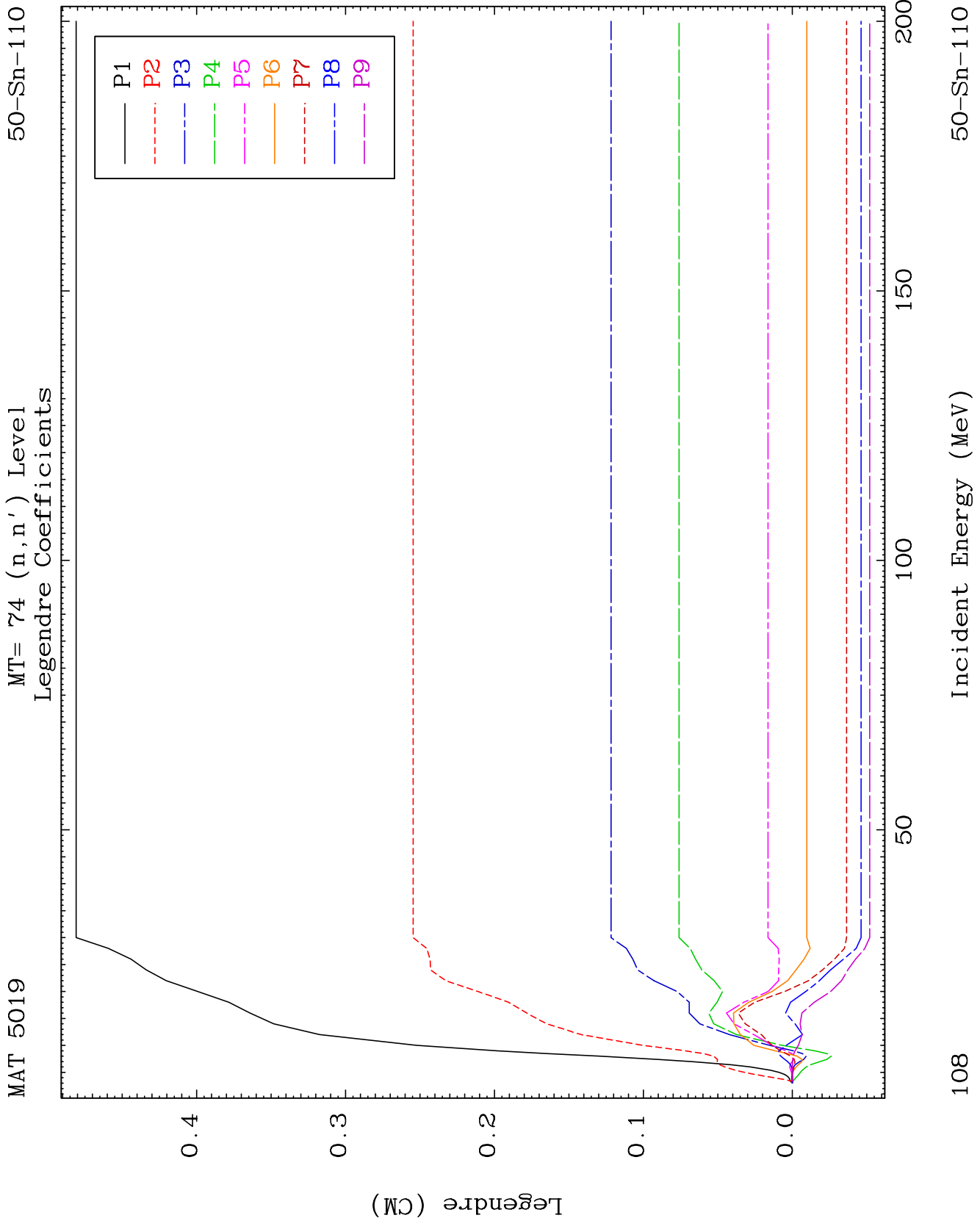


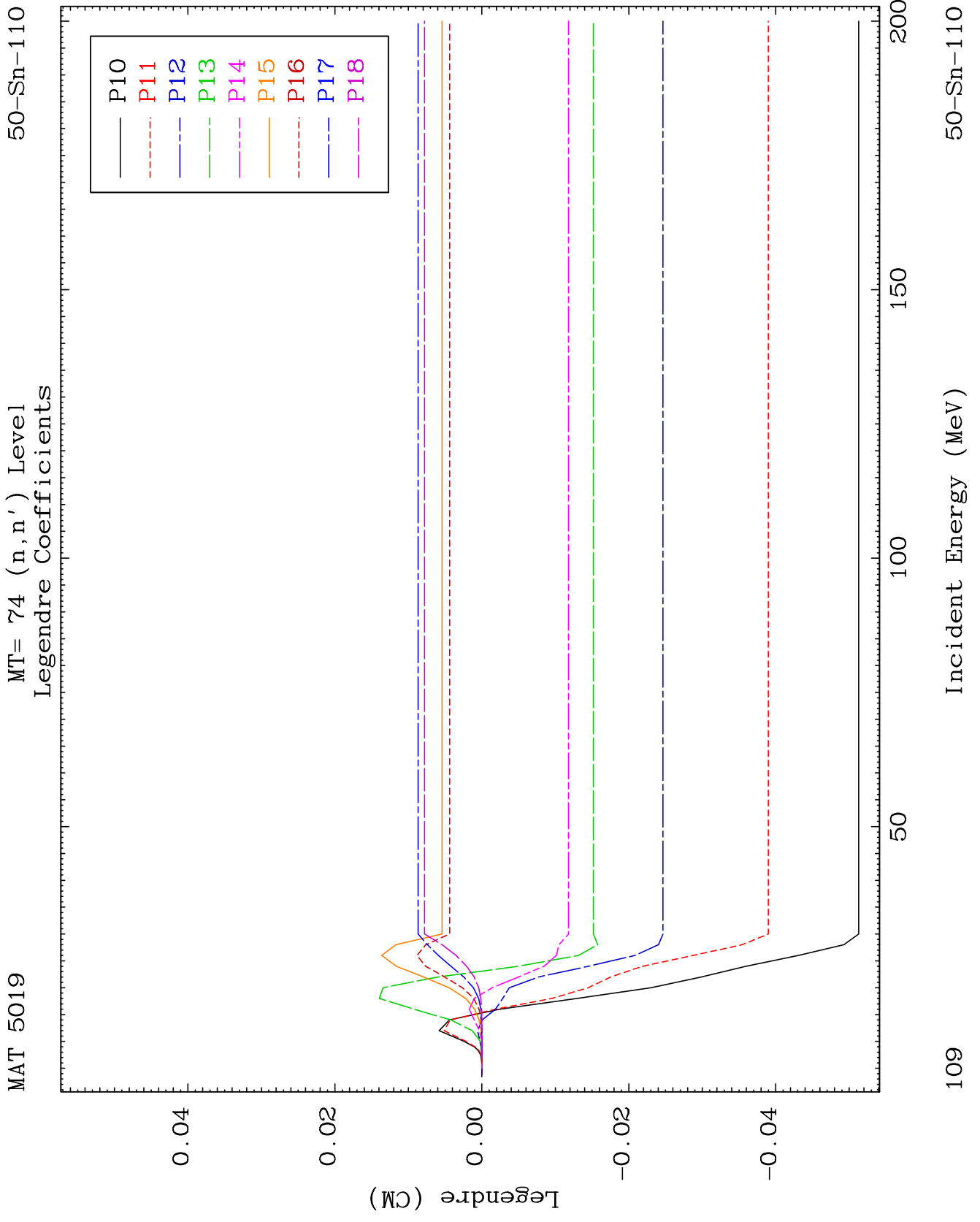
106

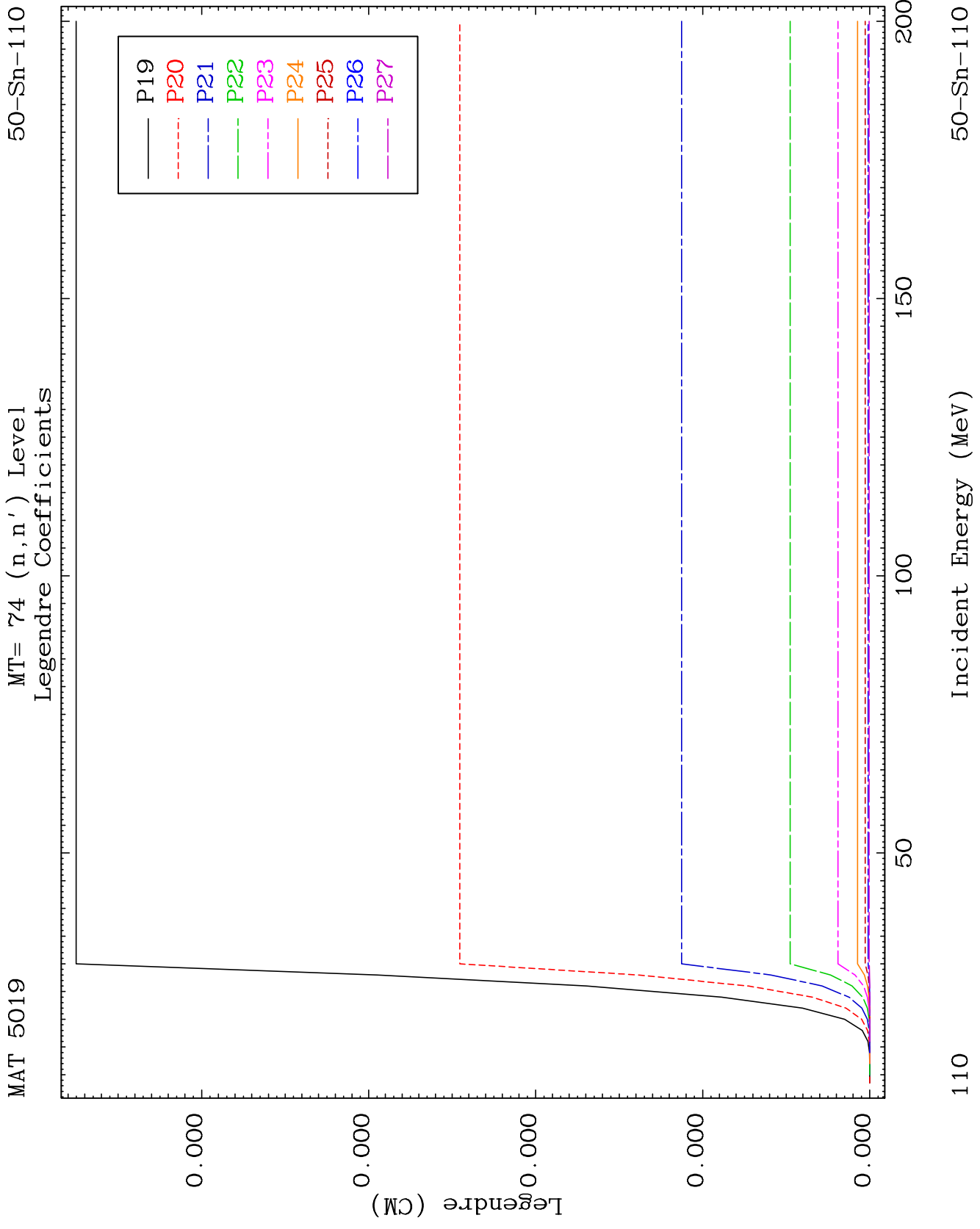
Incident Energy (MeV)

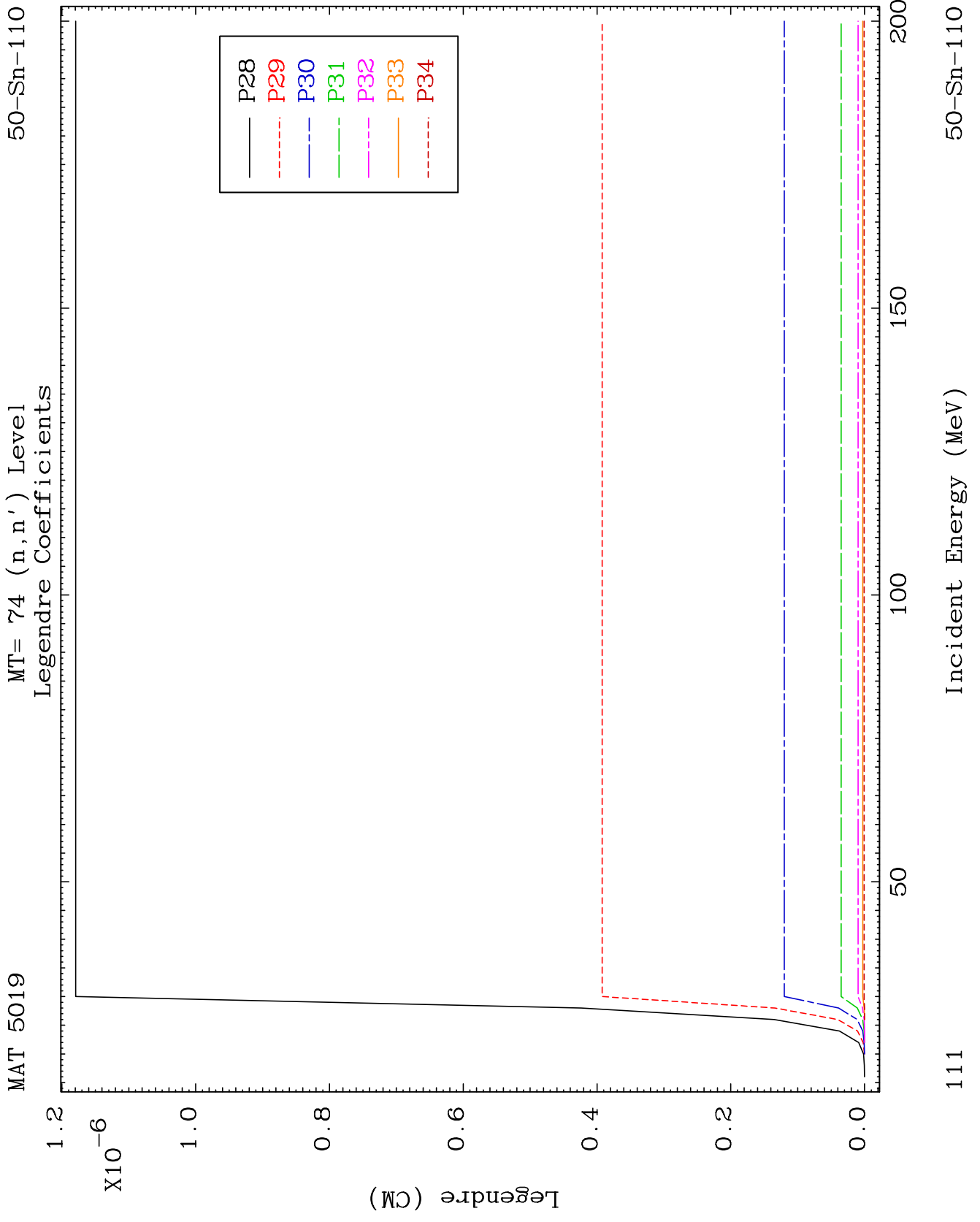
50-Sn-110

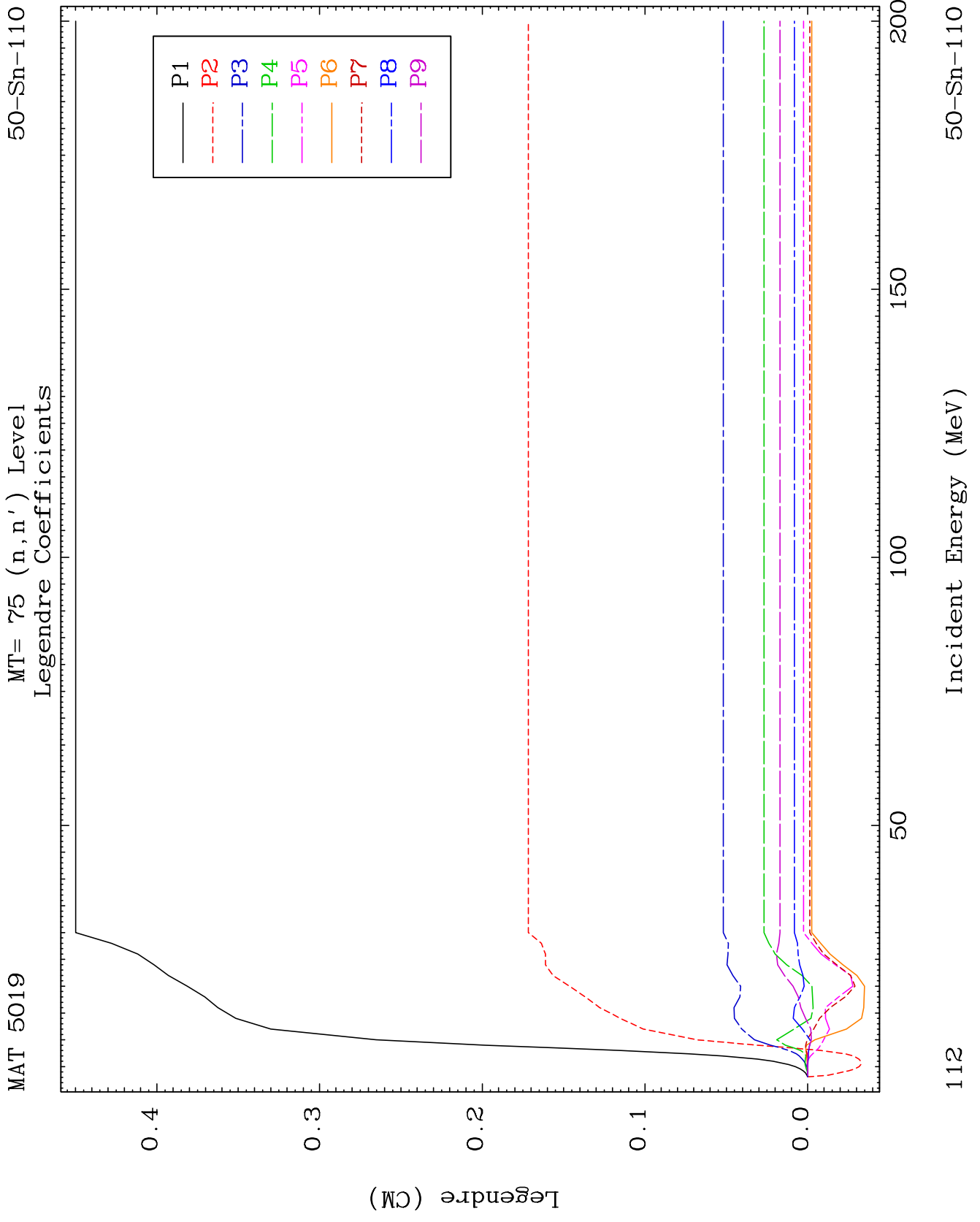


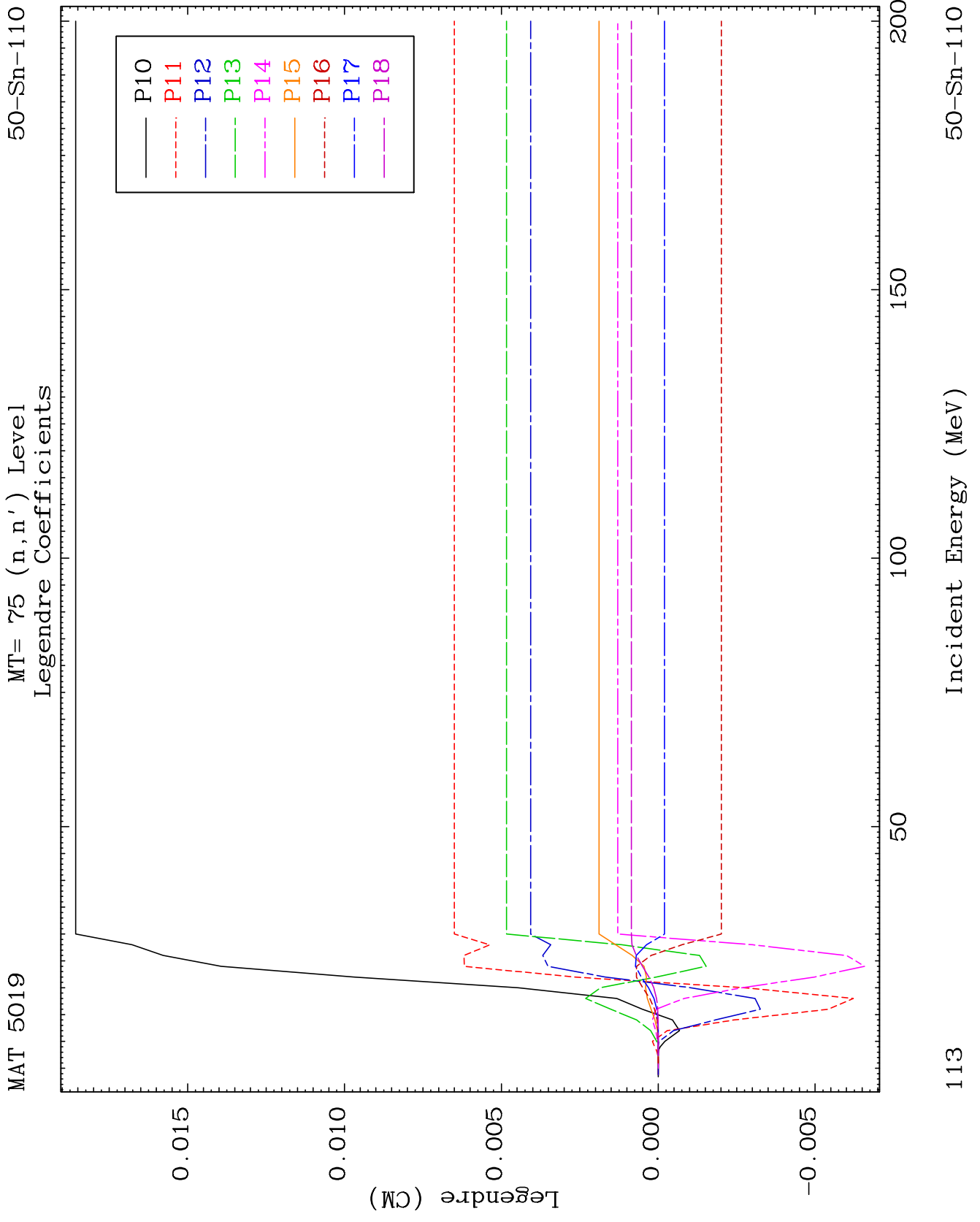


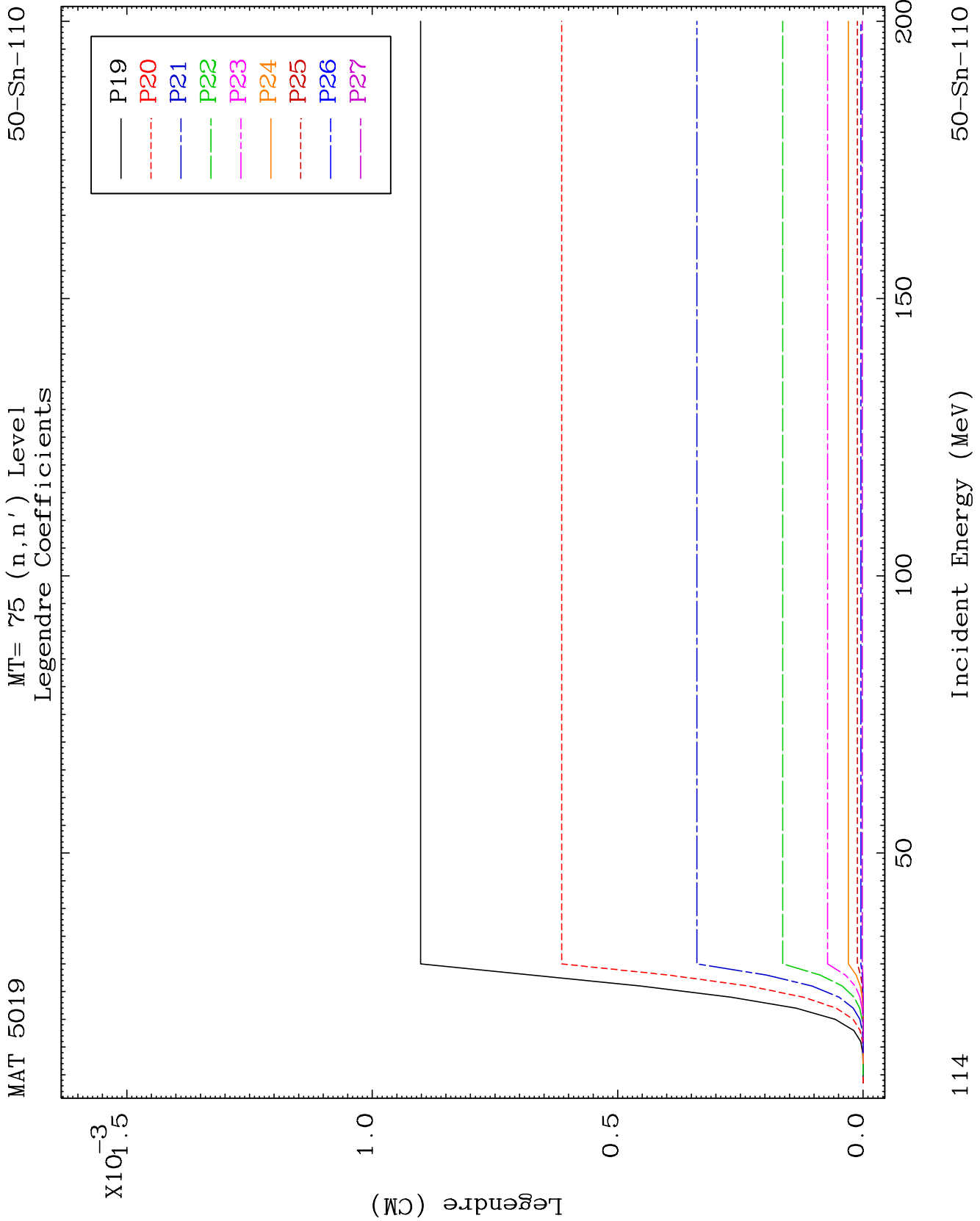


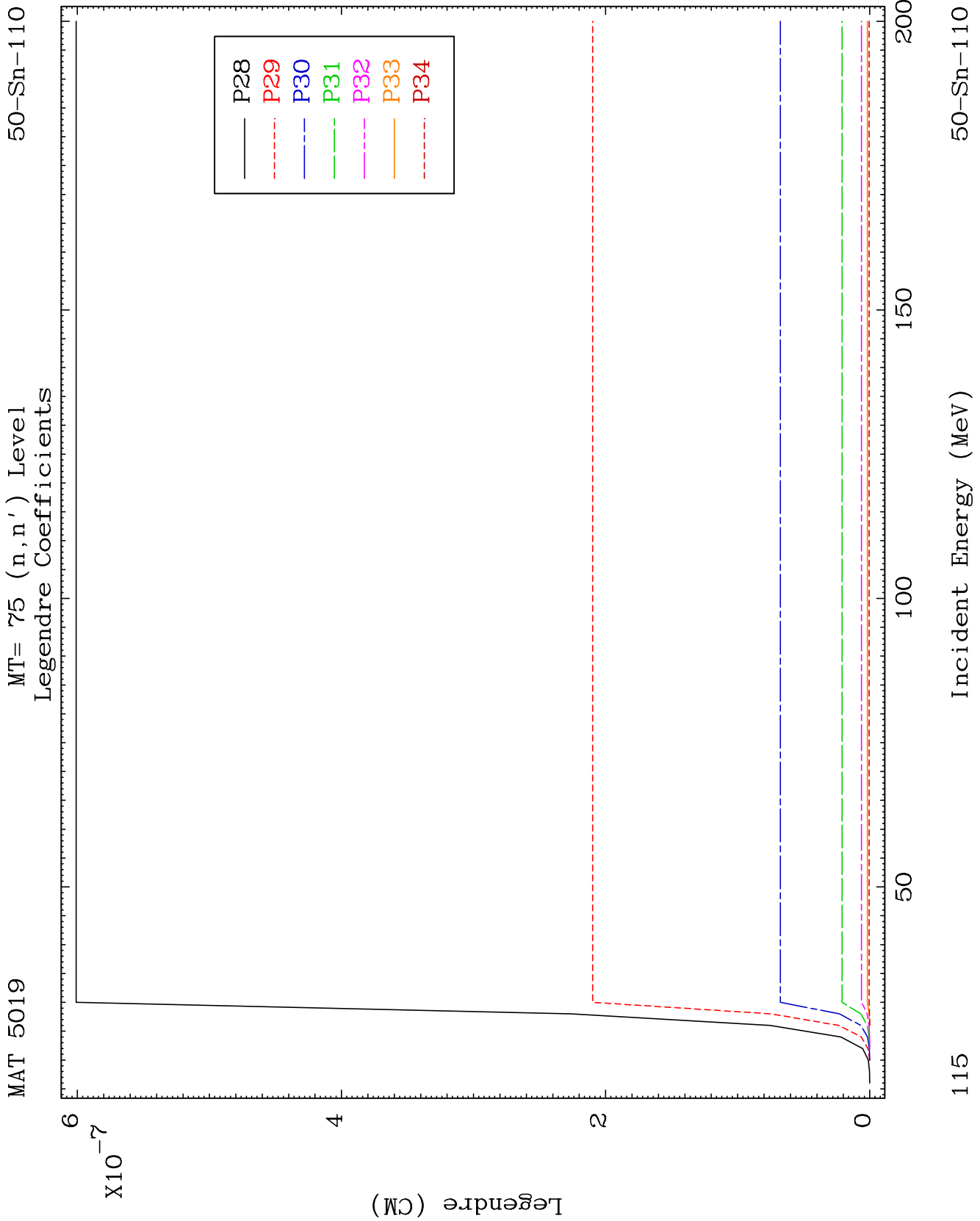


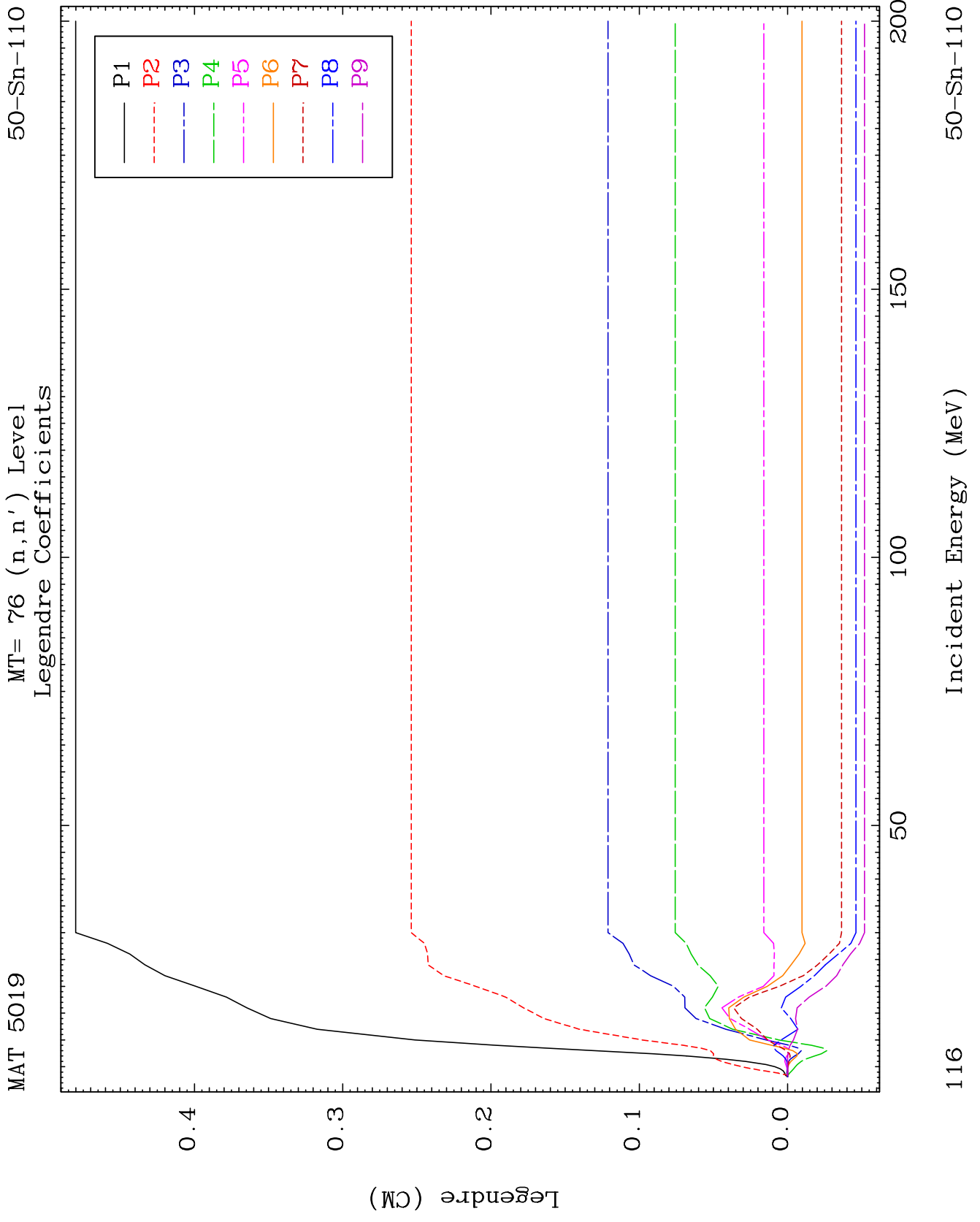








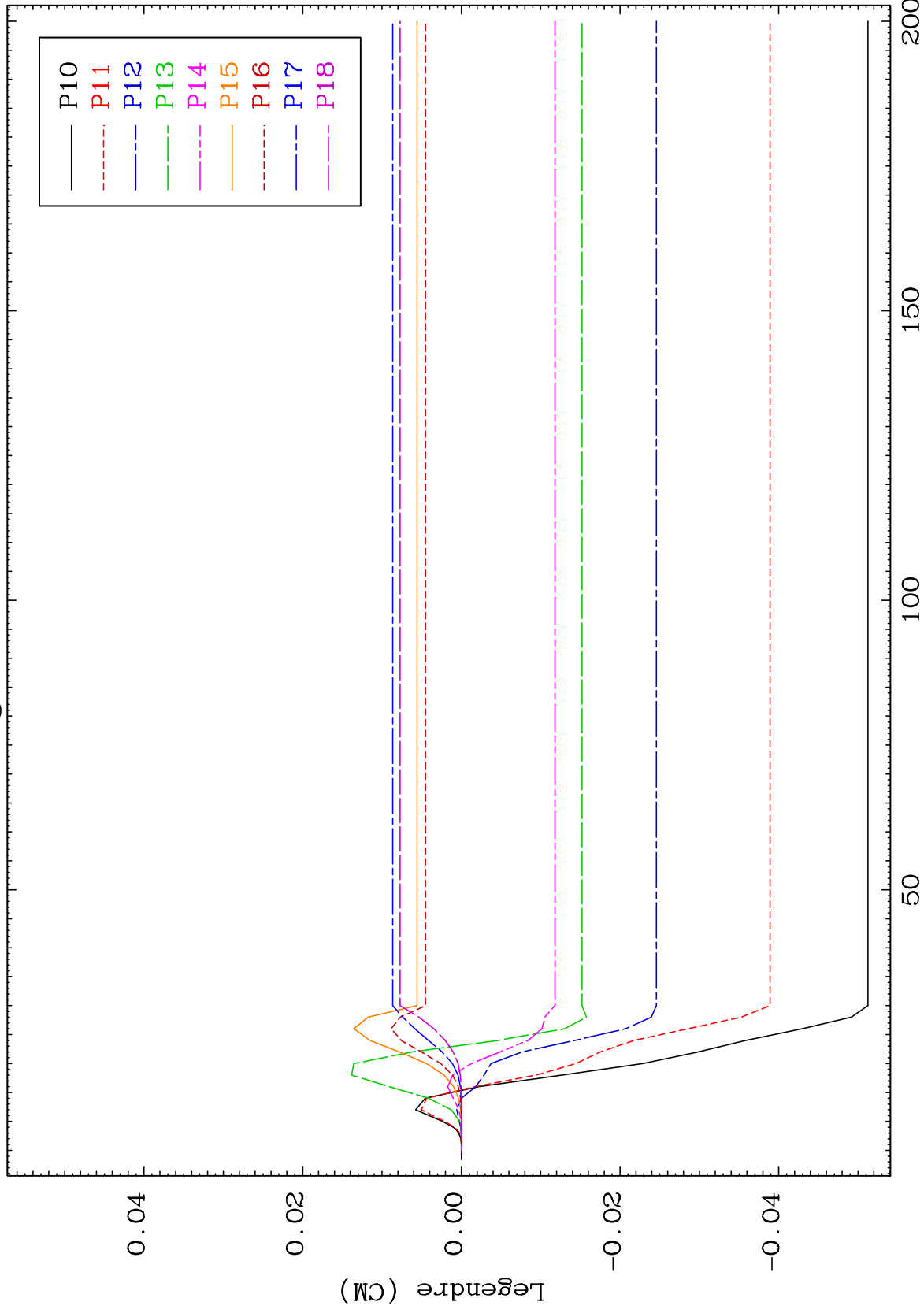




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MT= 76 (n,n') Level
Legendre Coefficients

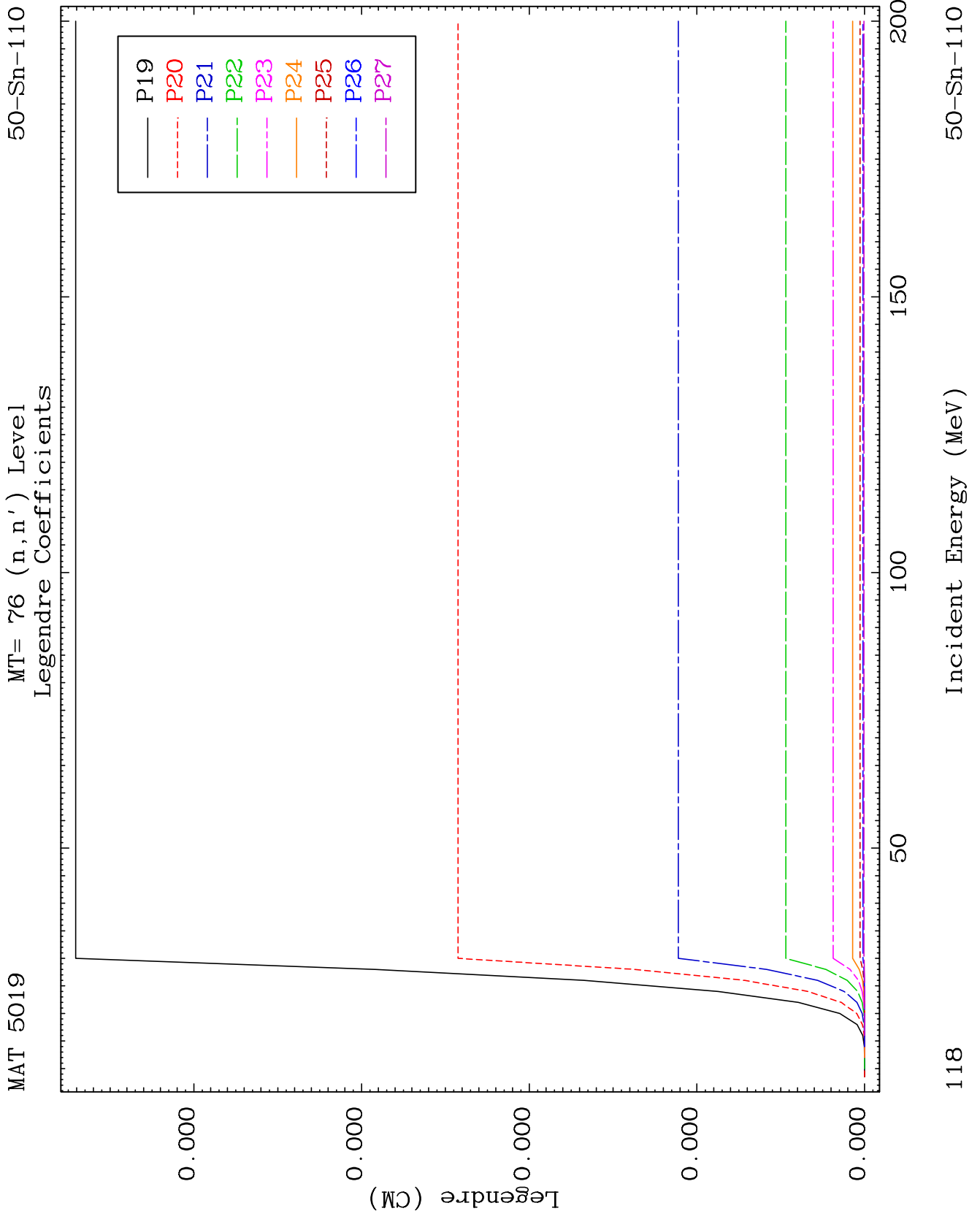
50-Sn-110

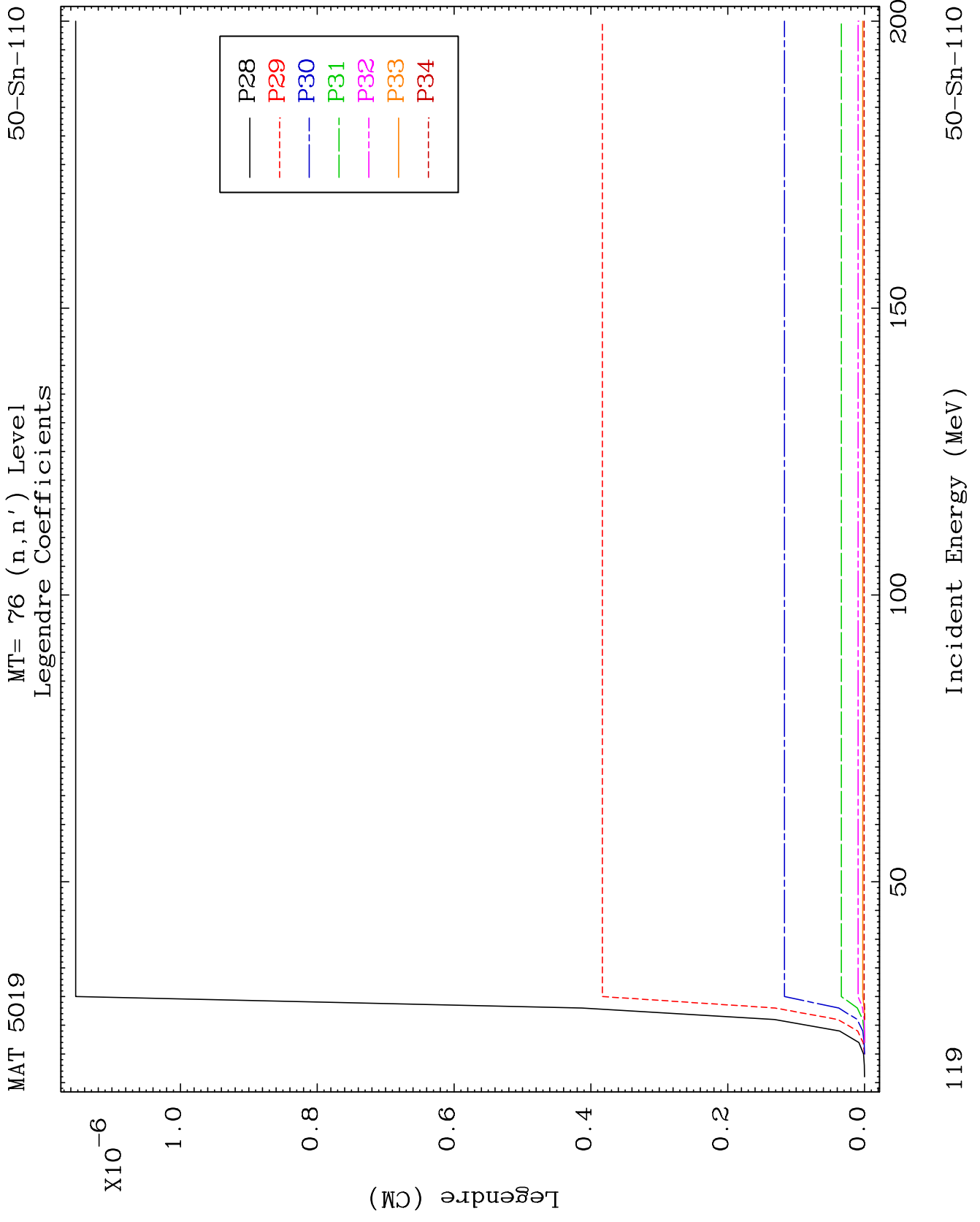


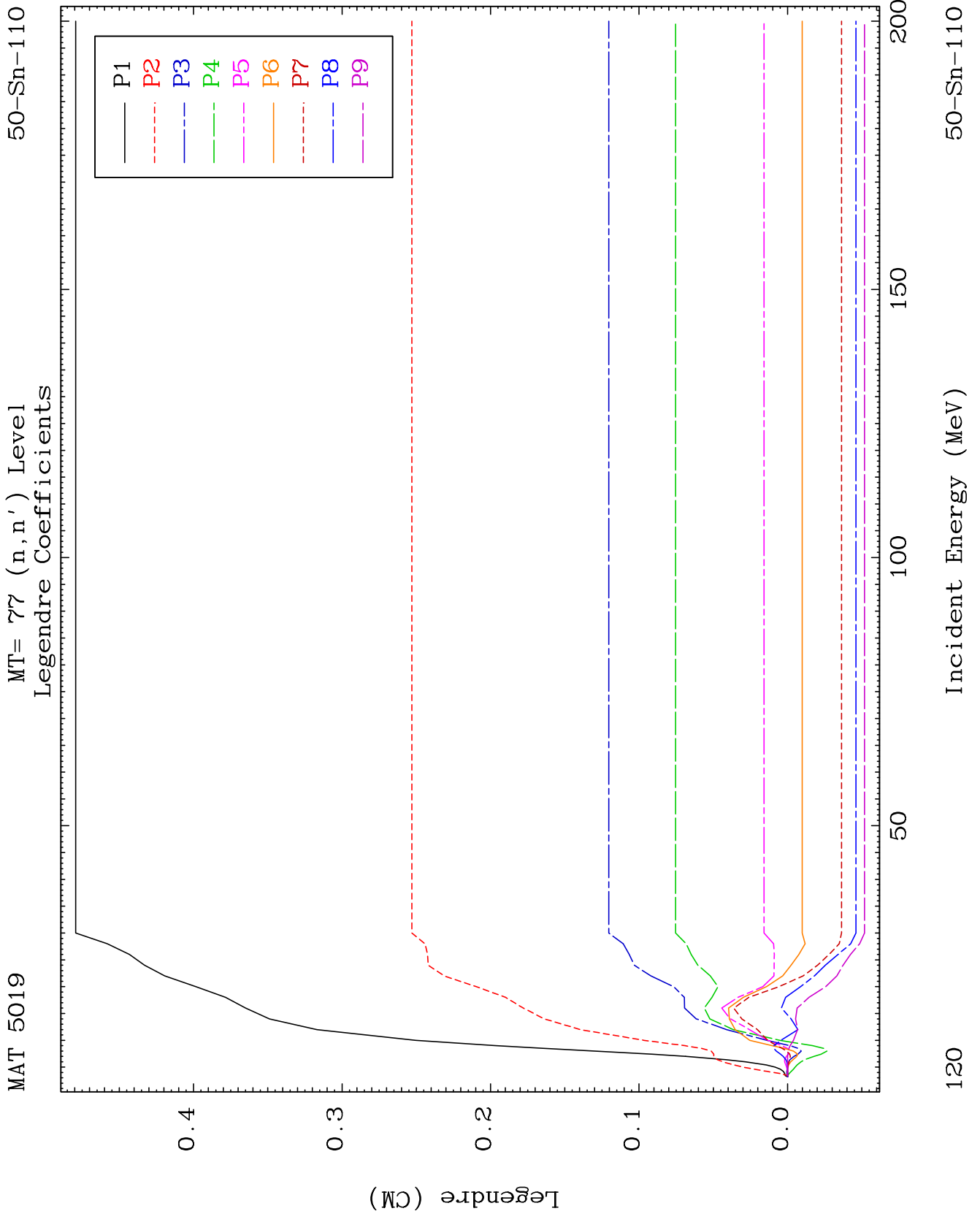
117

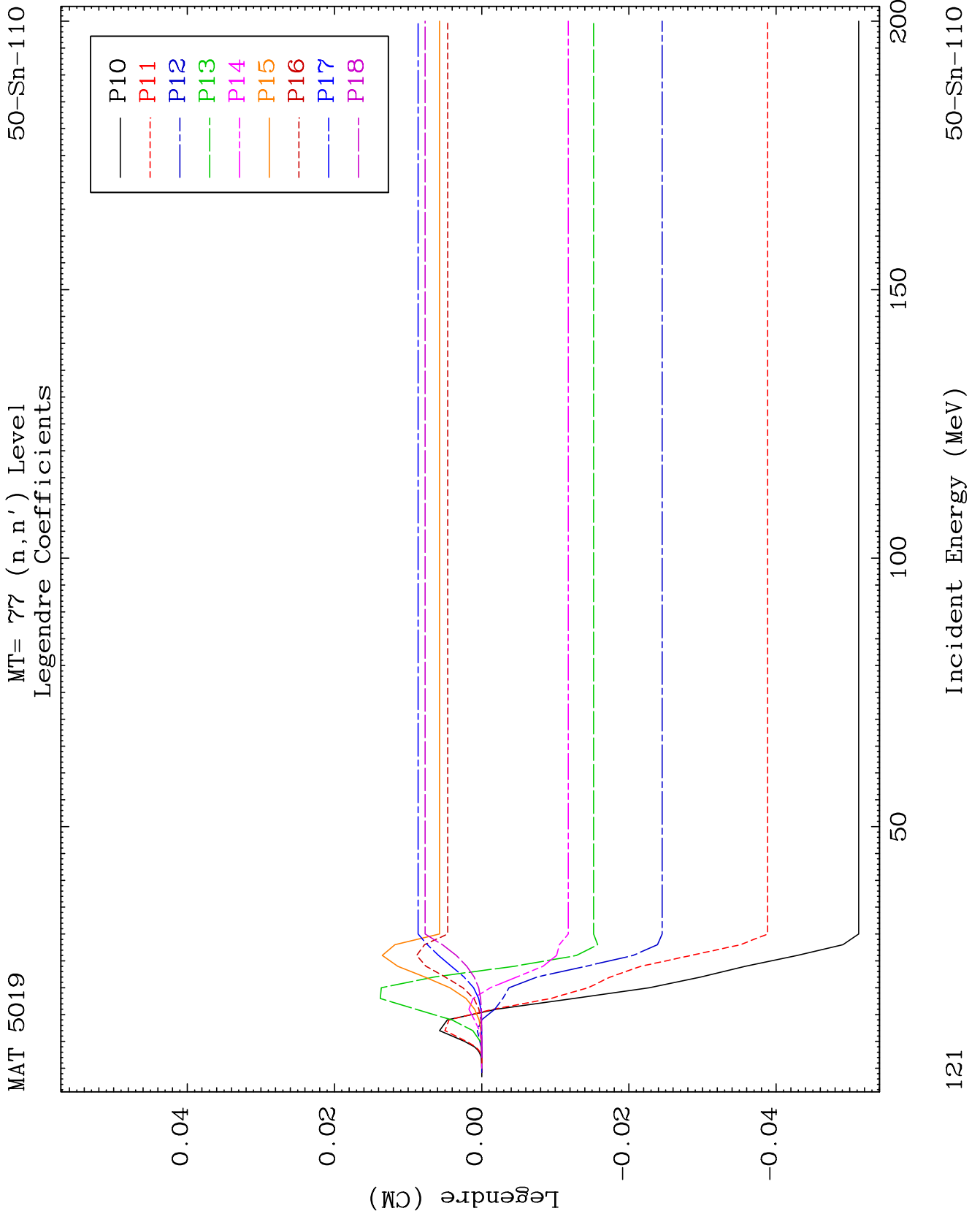
Incident Energy (MeV)

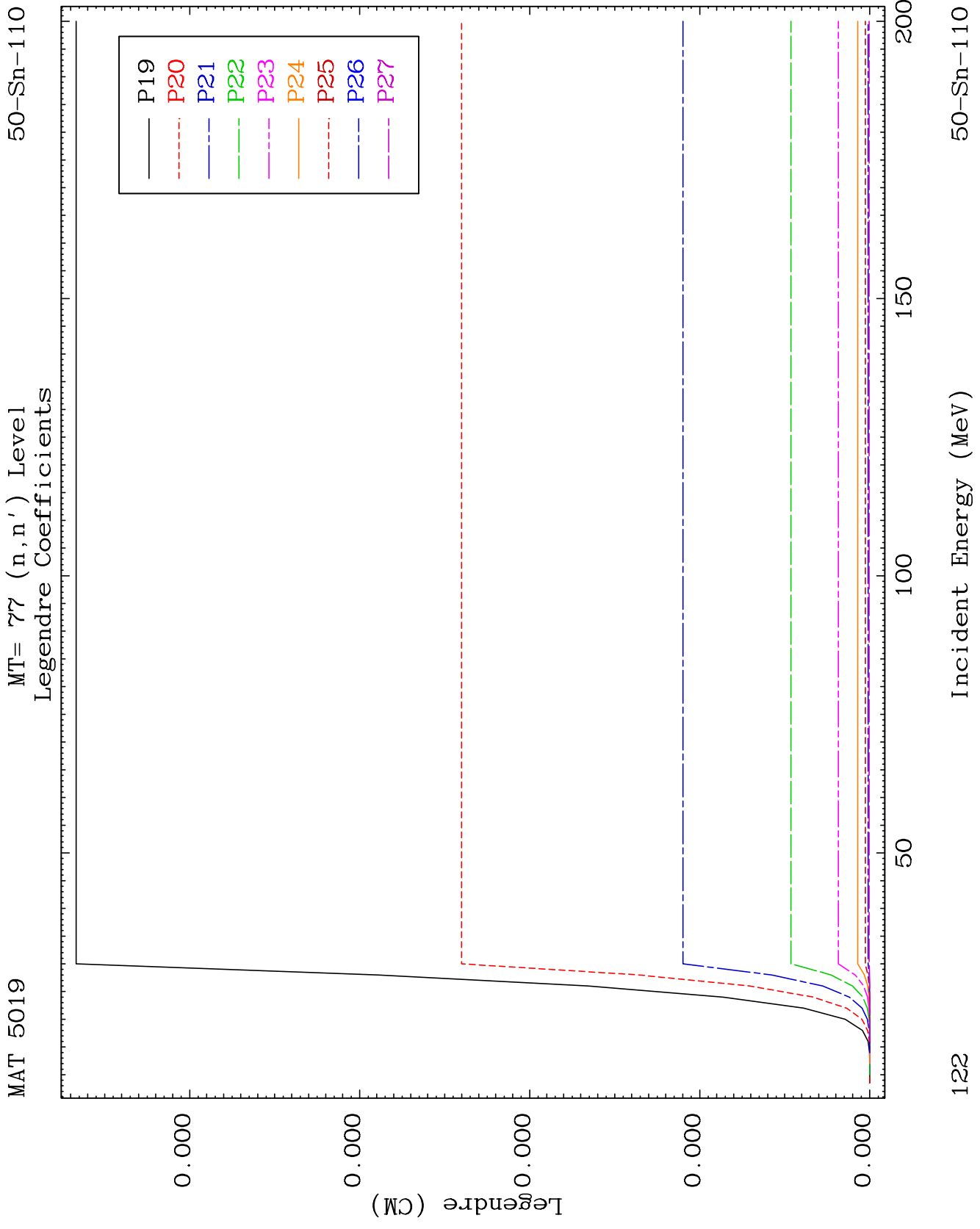
50-Sn-110

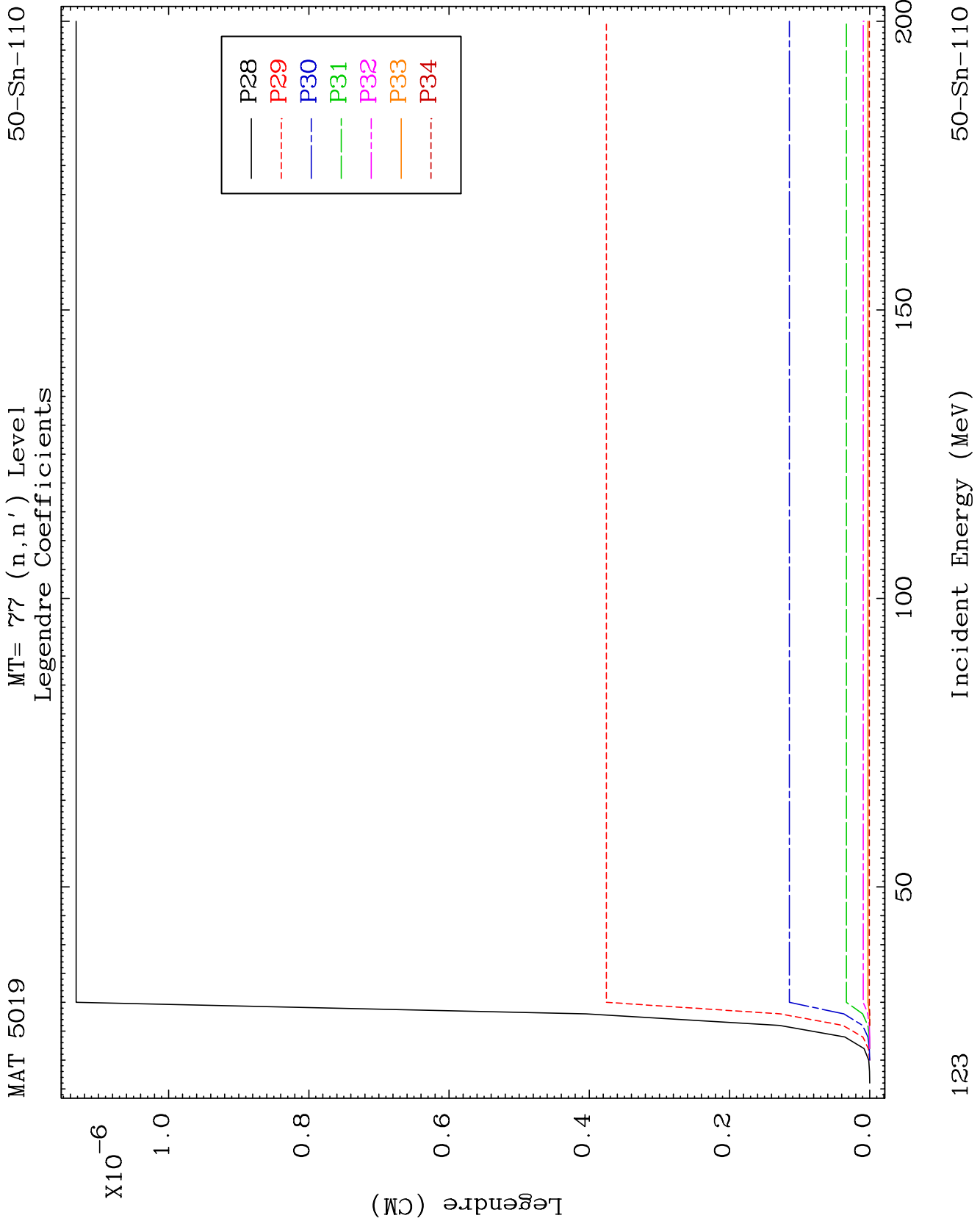








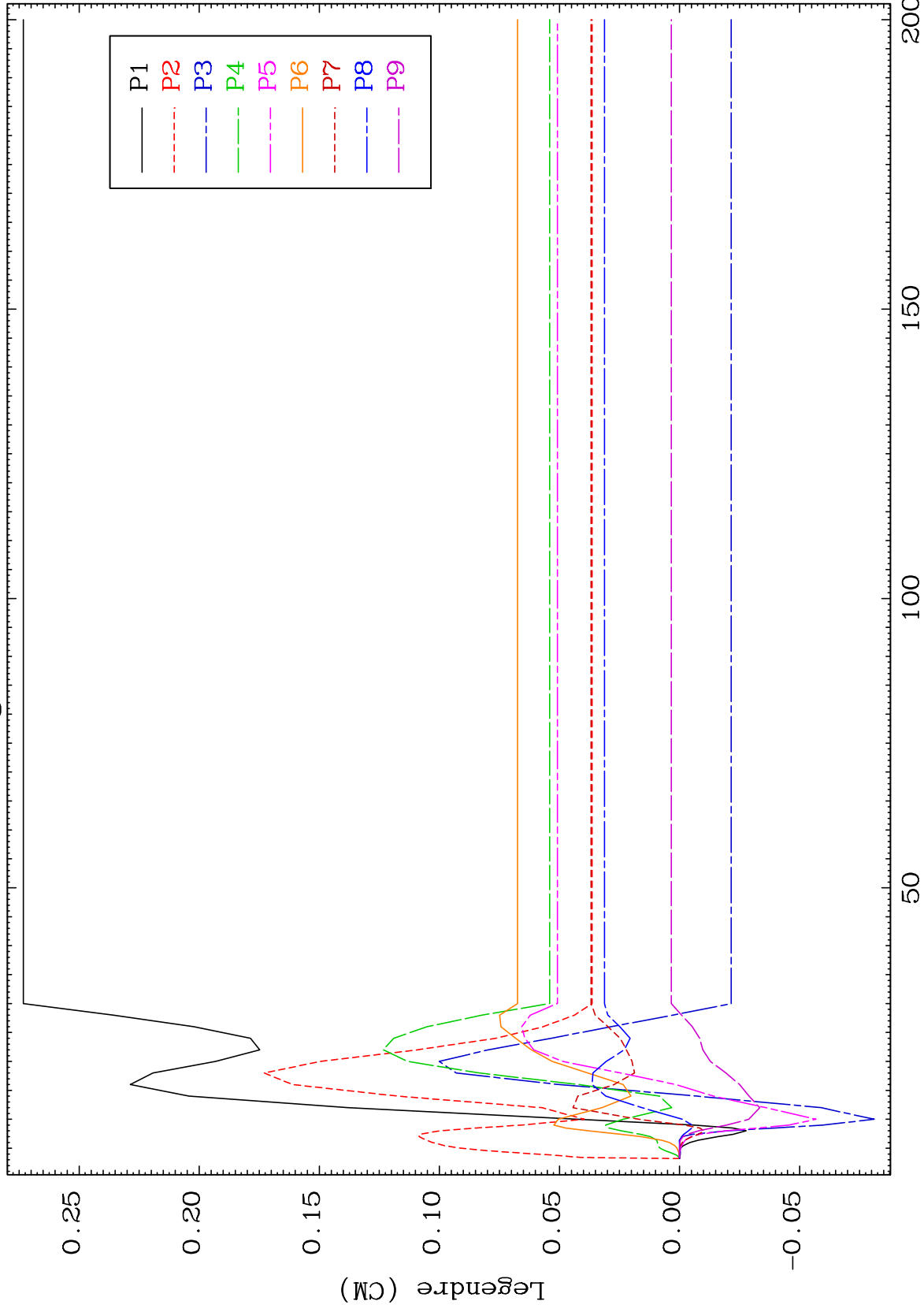




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MT= 78 (n,n') Level
Legendre Coefficients

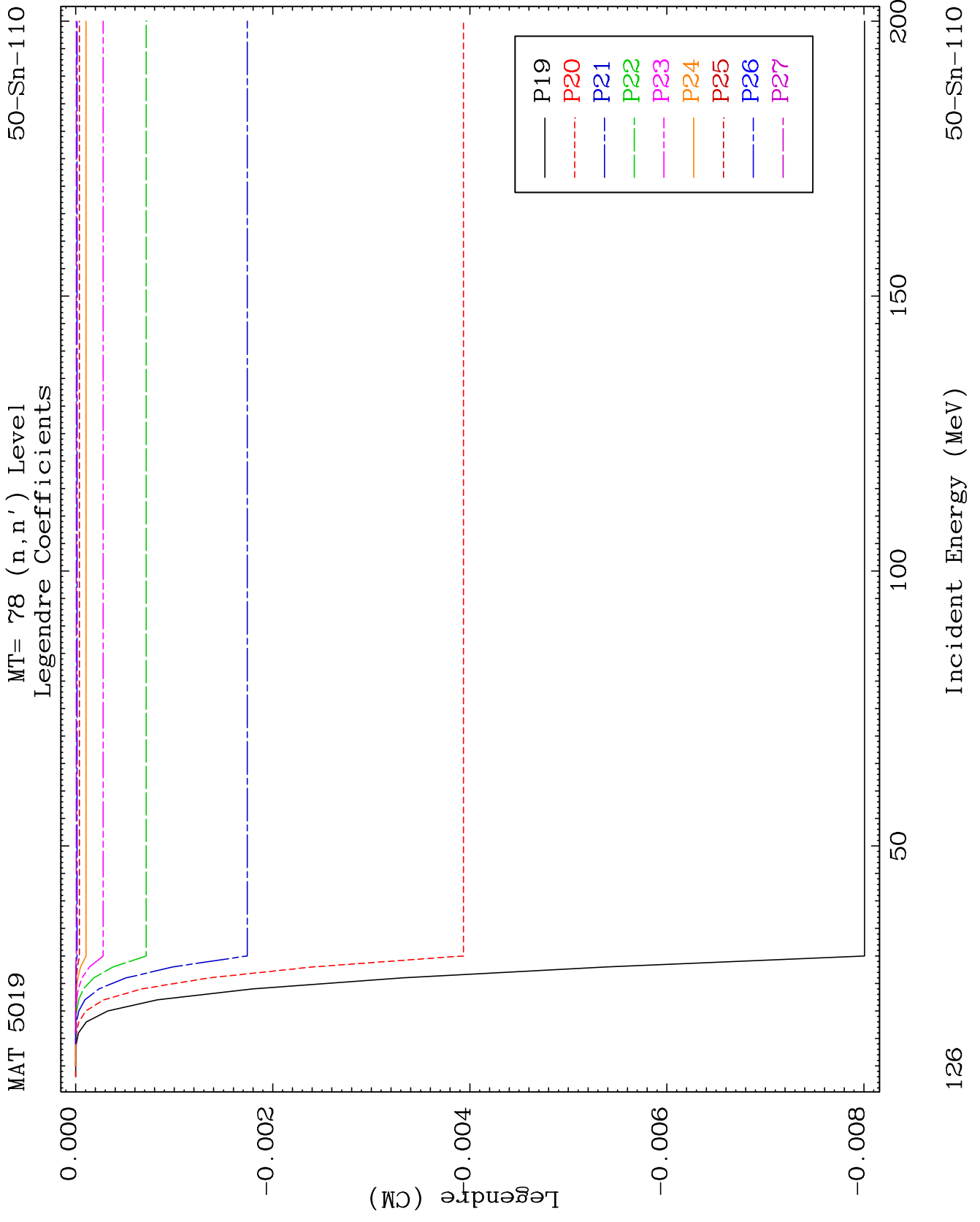
50-Sn-110

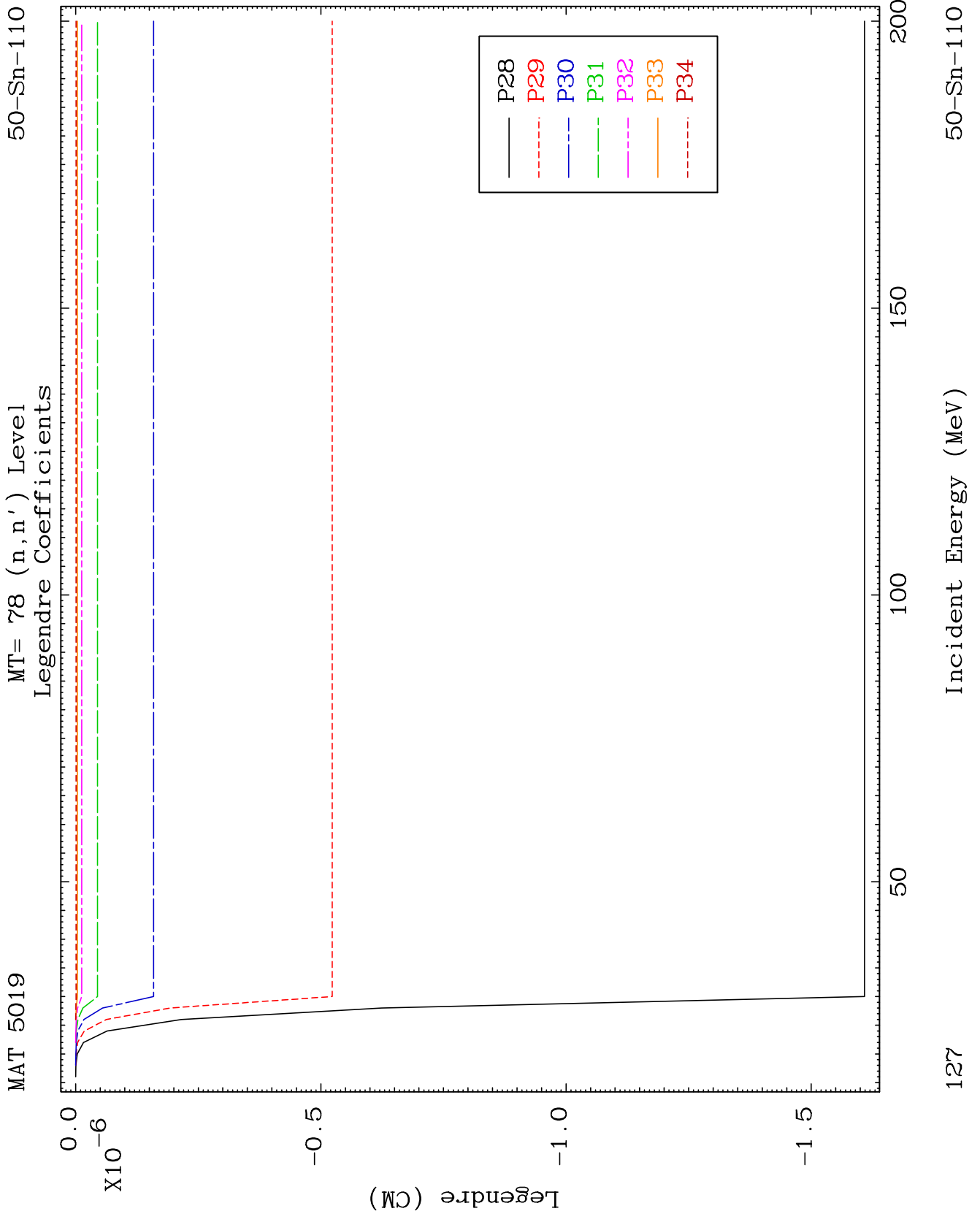


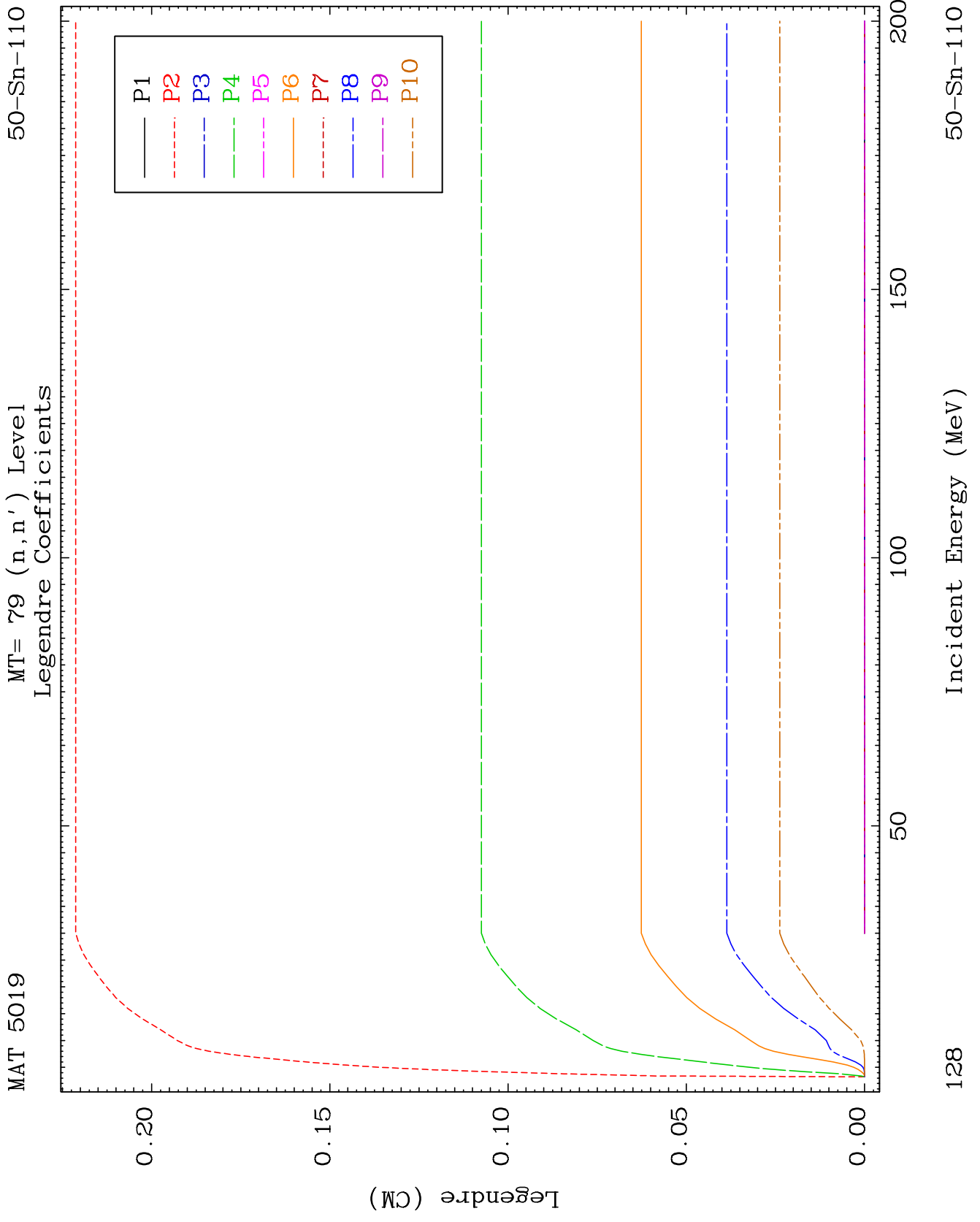
124

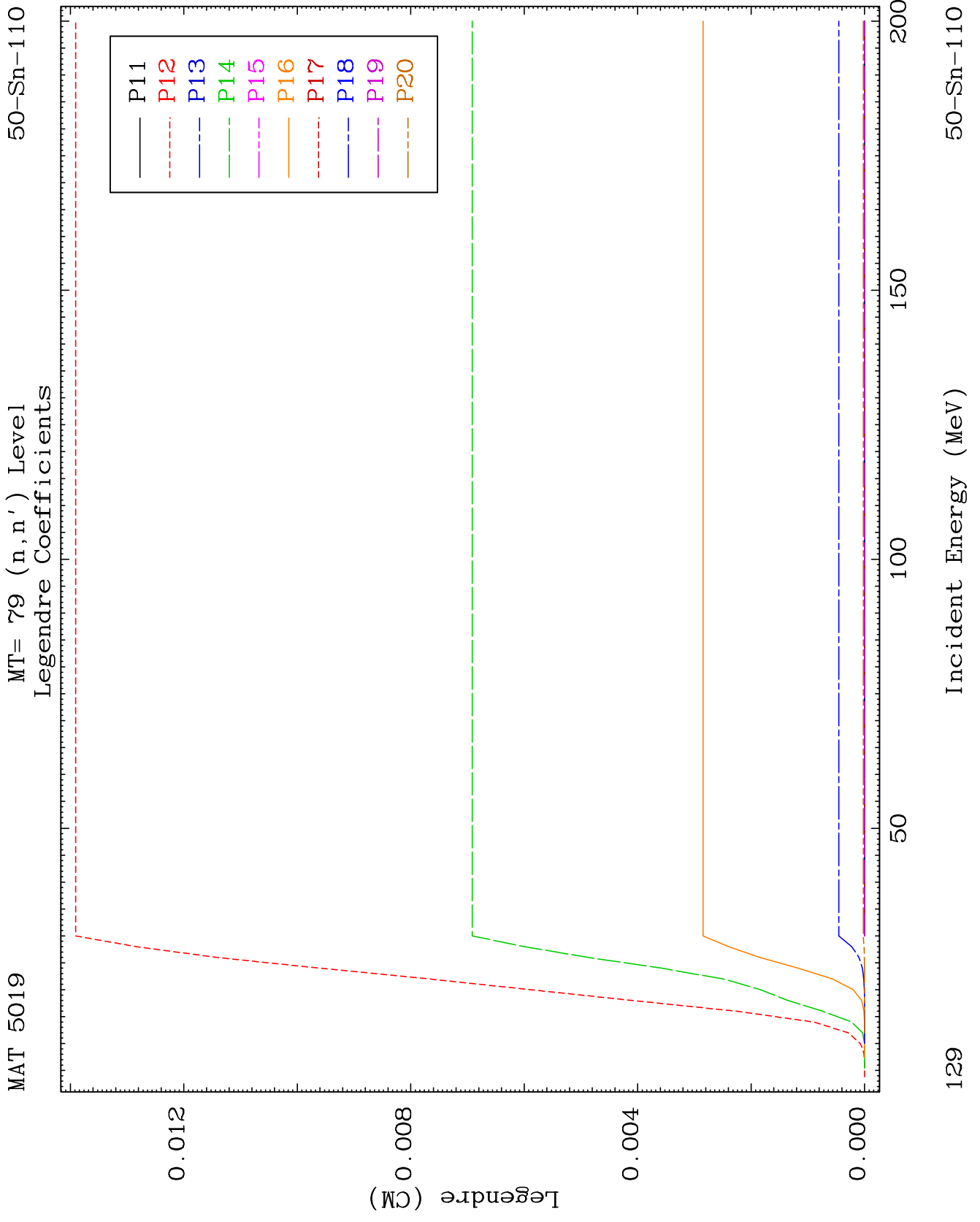
Incident Energy (MeV)

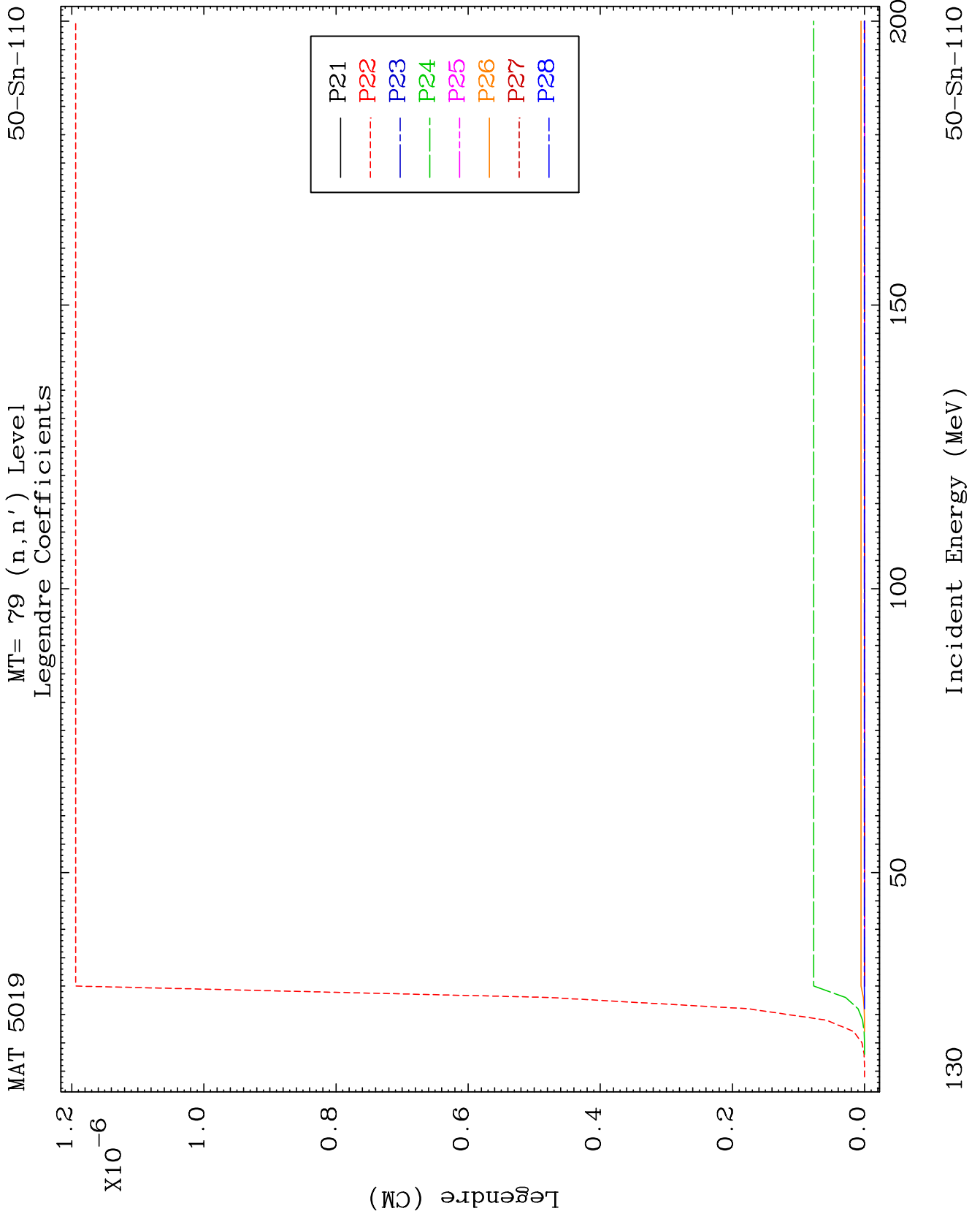
50-Sn-110

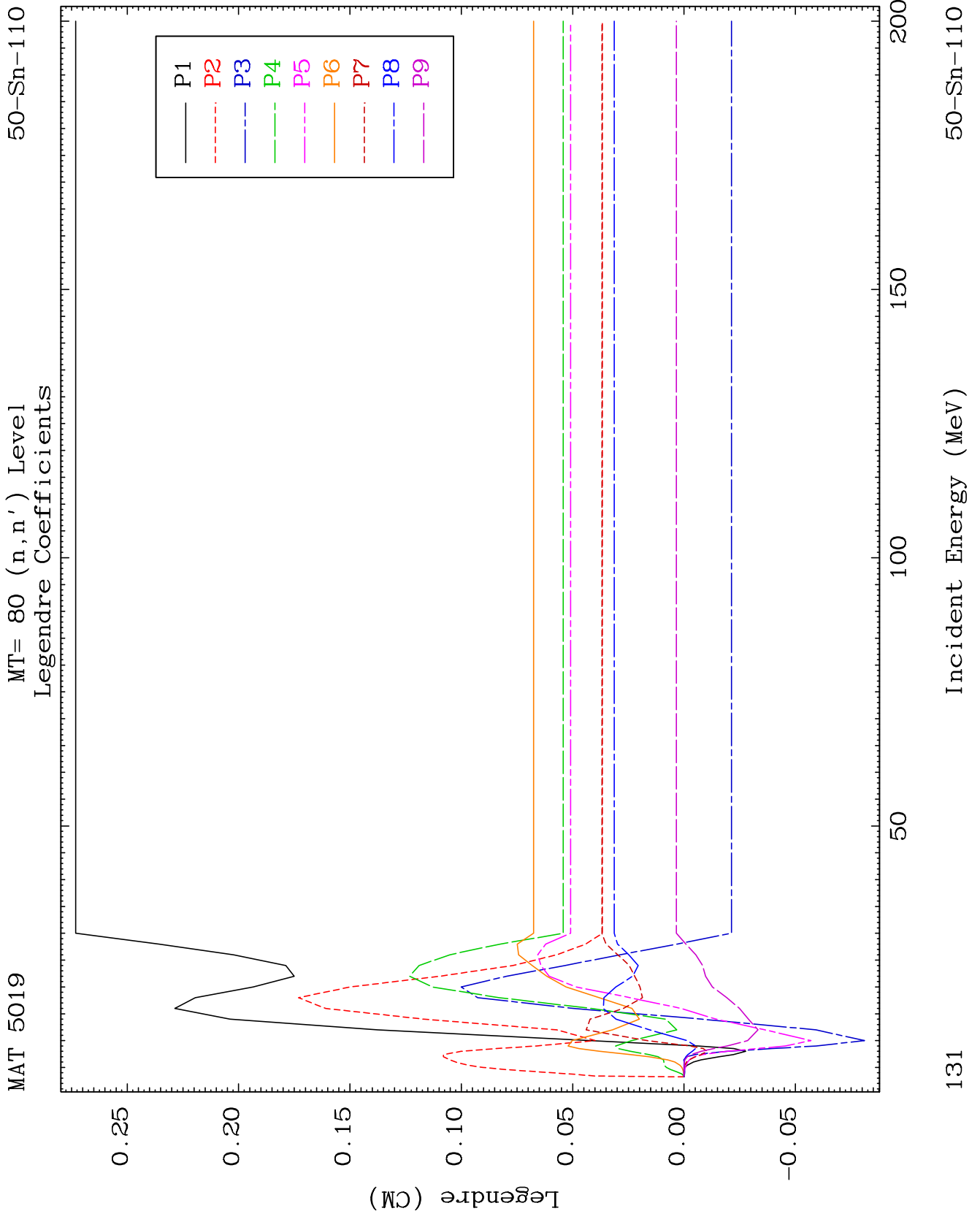


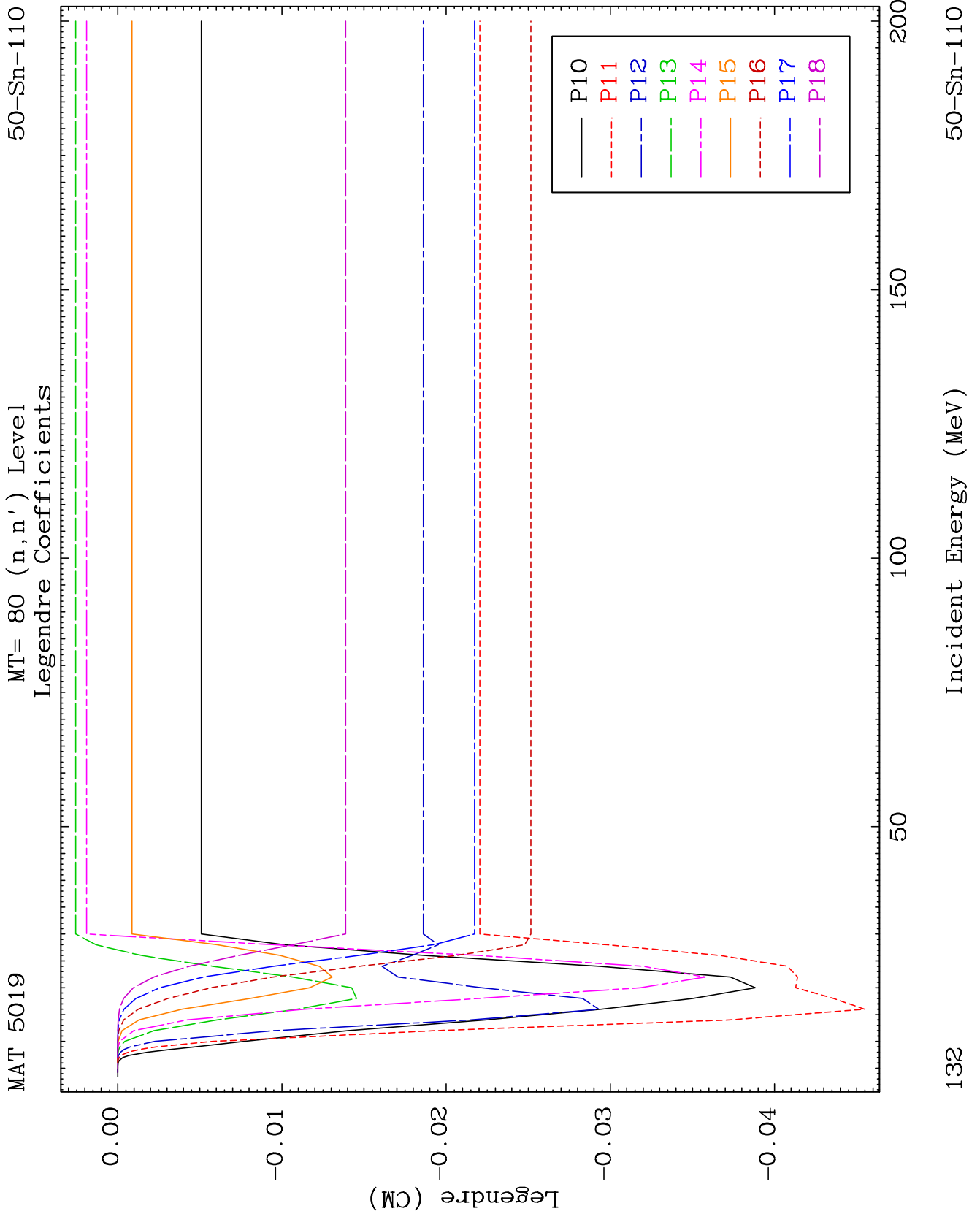


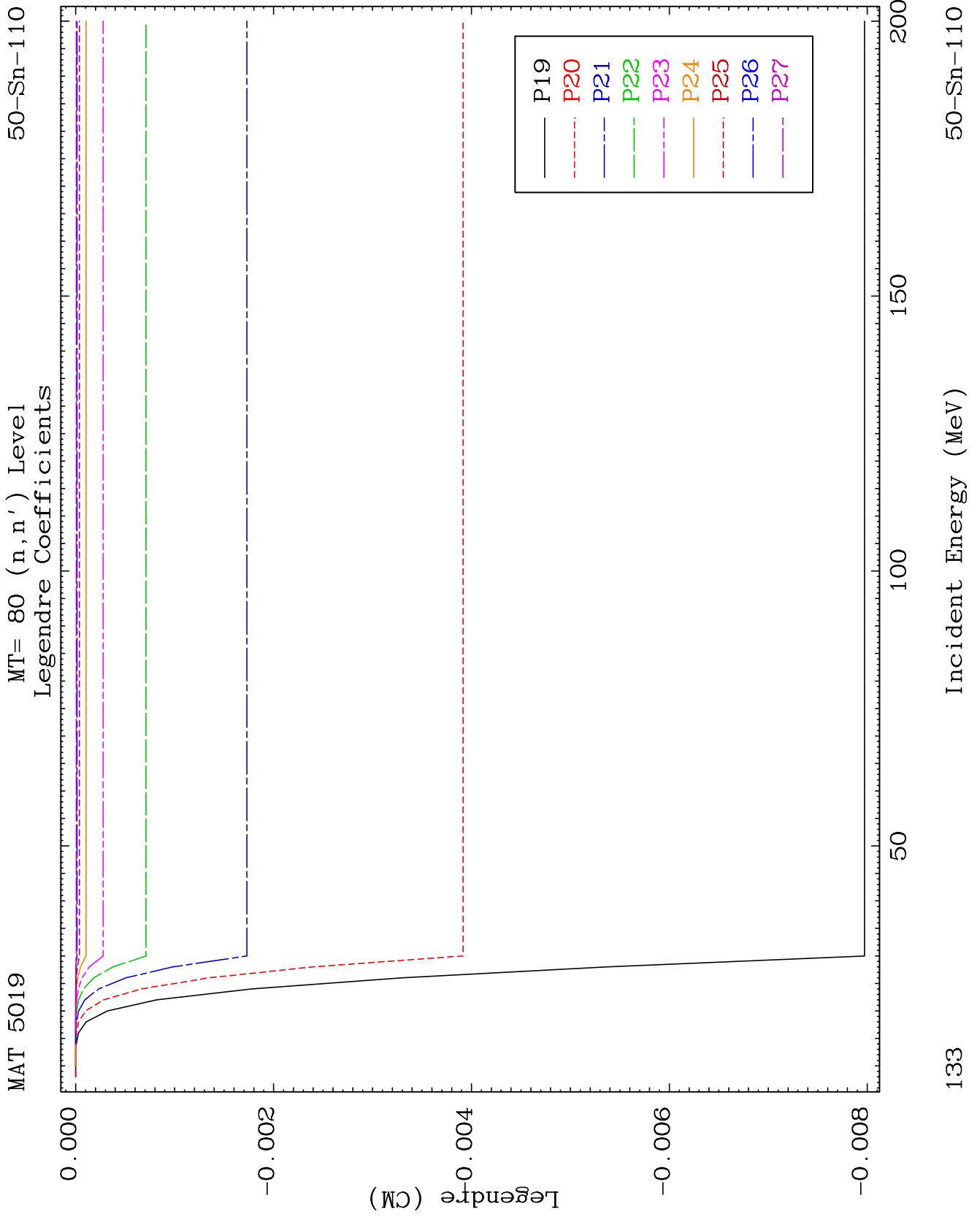


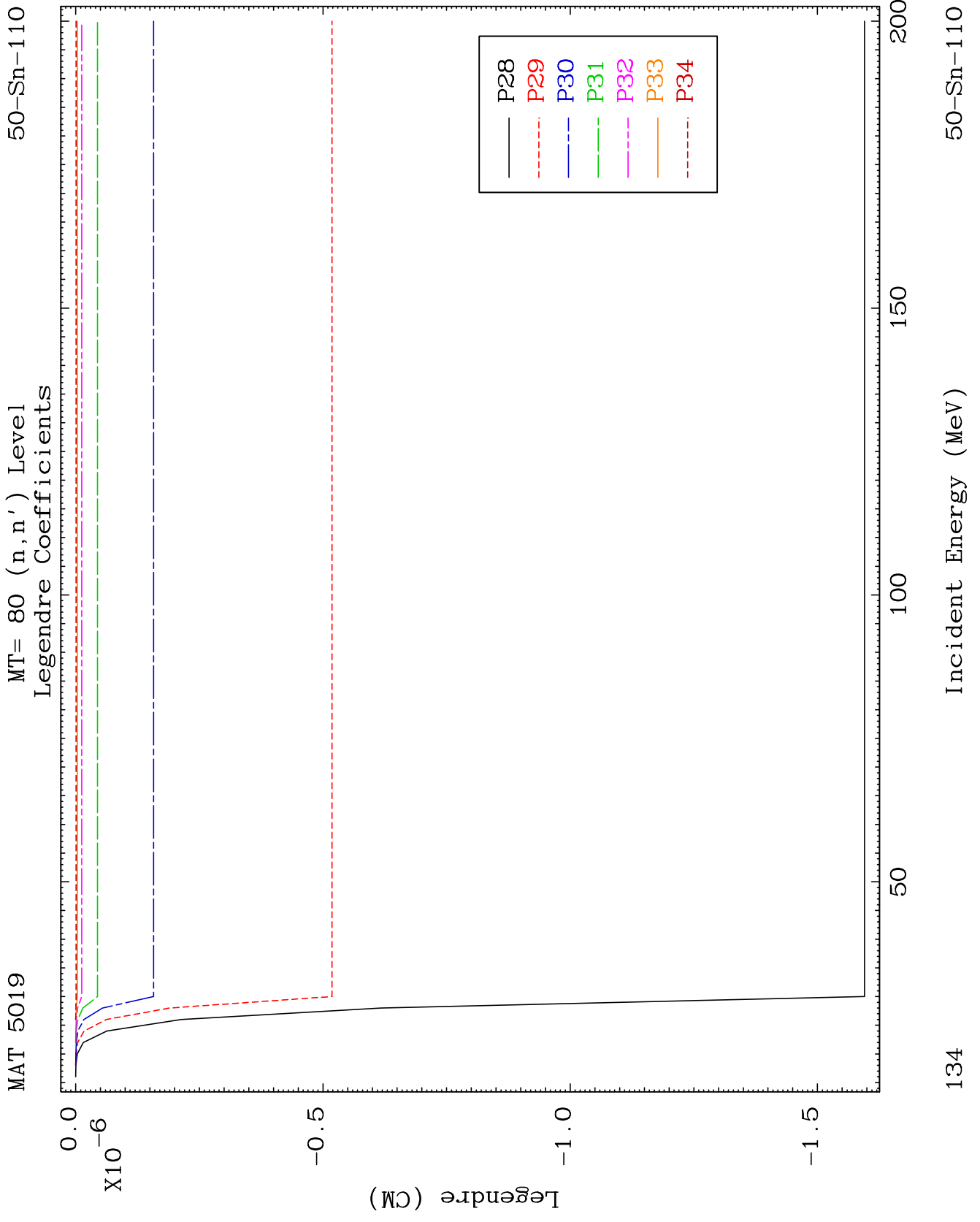








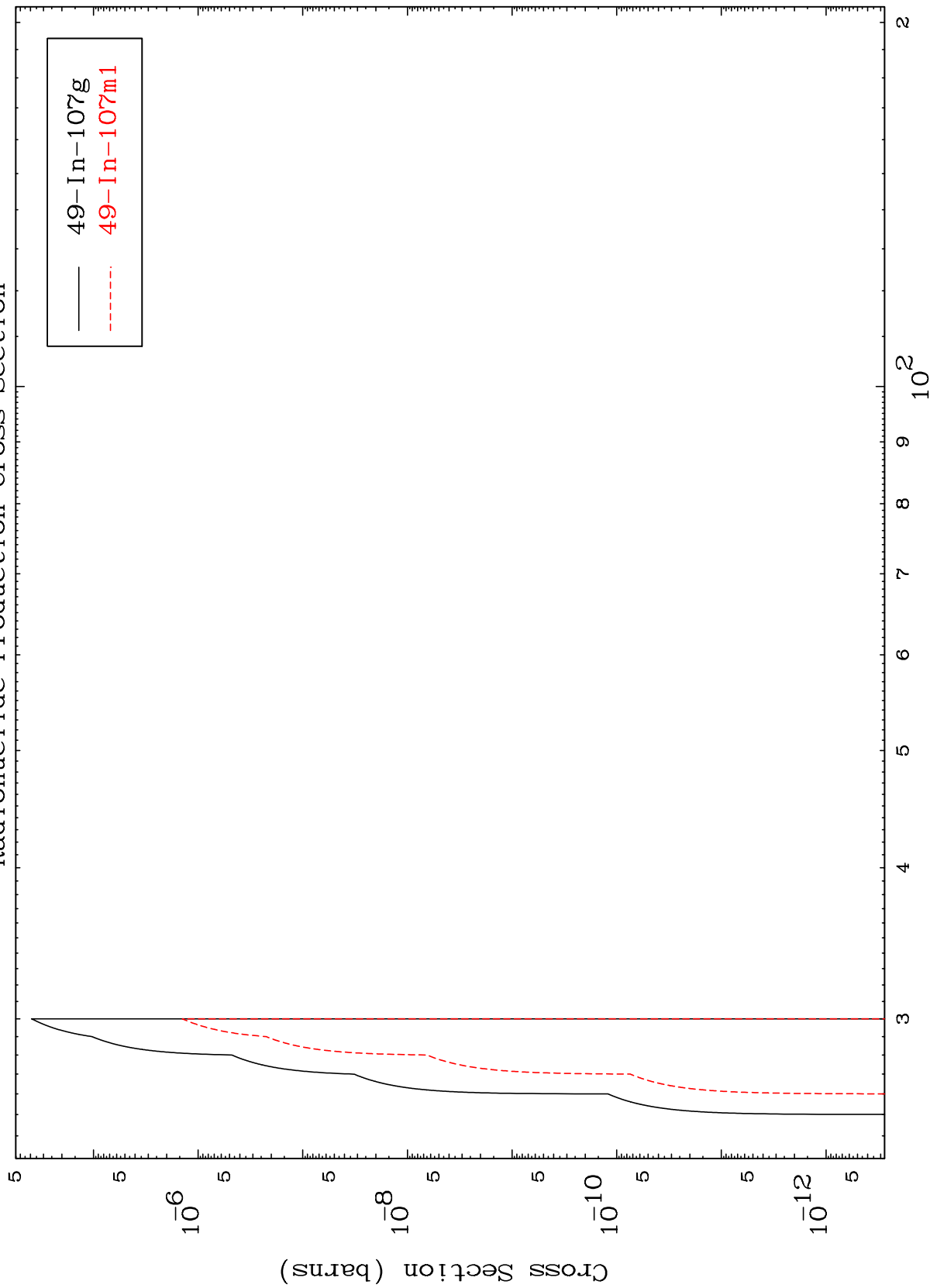




MAT 5019

50-Sn-110

(n,2n) d
Radionuclide Production Cross Section



49-In-107g
49-In-107m1

135

Incident Energy (MeV)

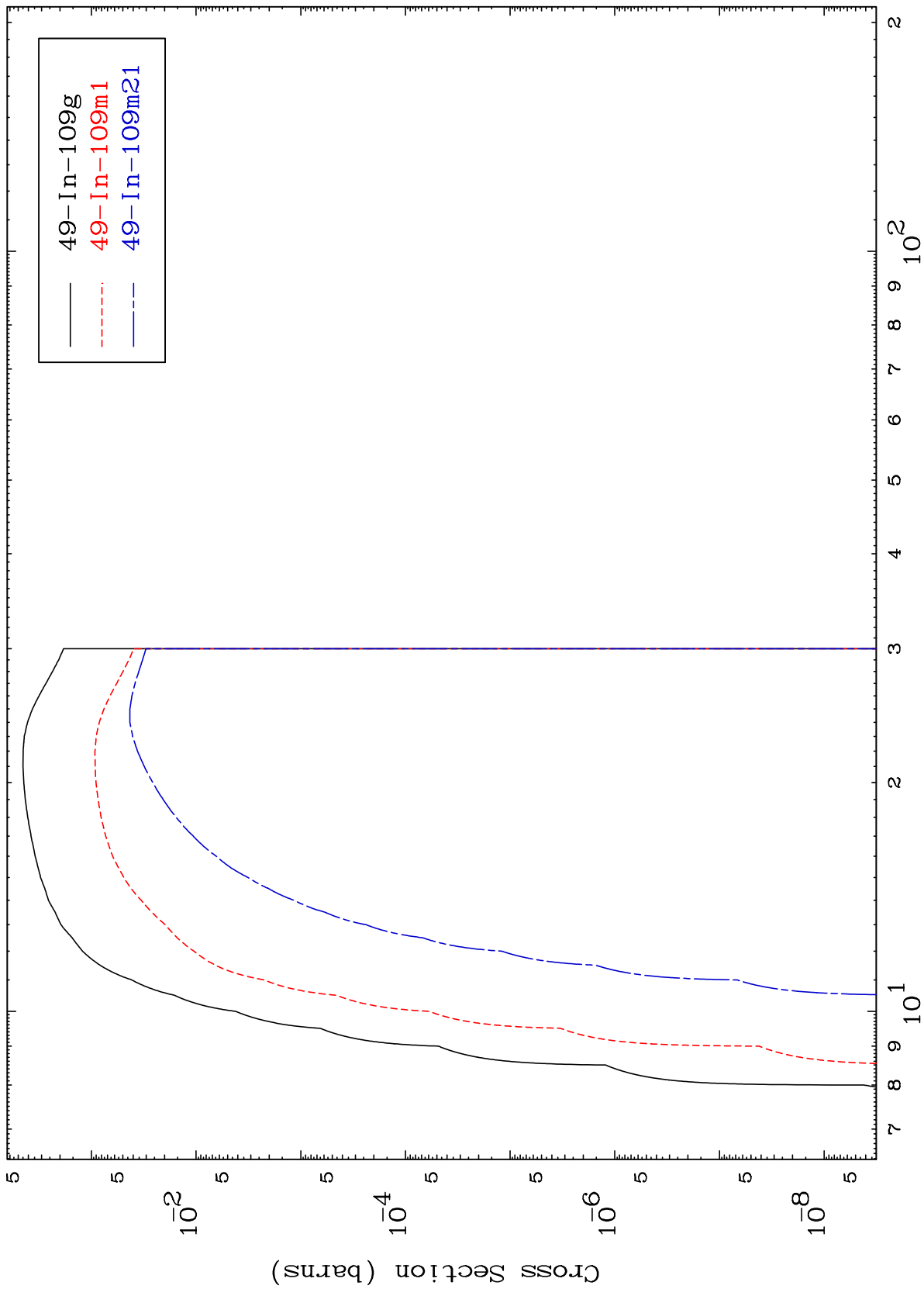
50-Sn-110

MAT 5019

(n,n') p

50-Sn-110

Radionuclide Production Cross Section



136

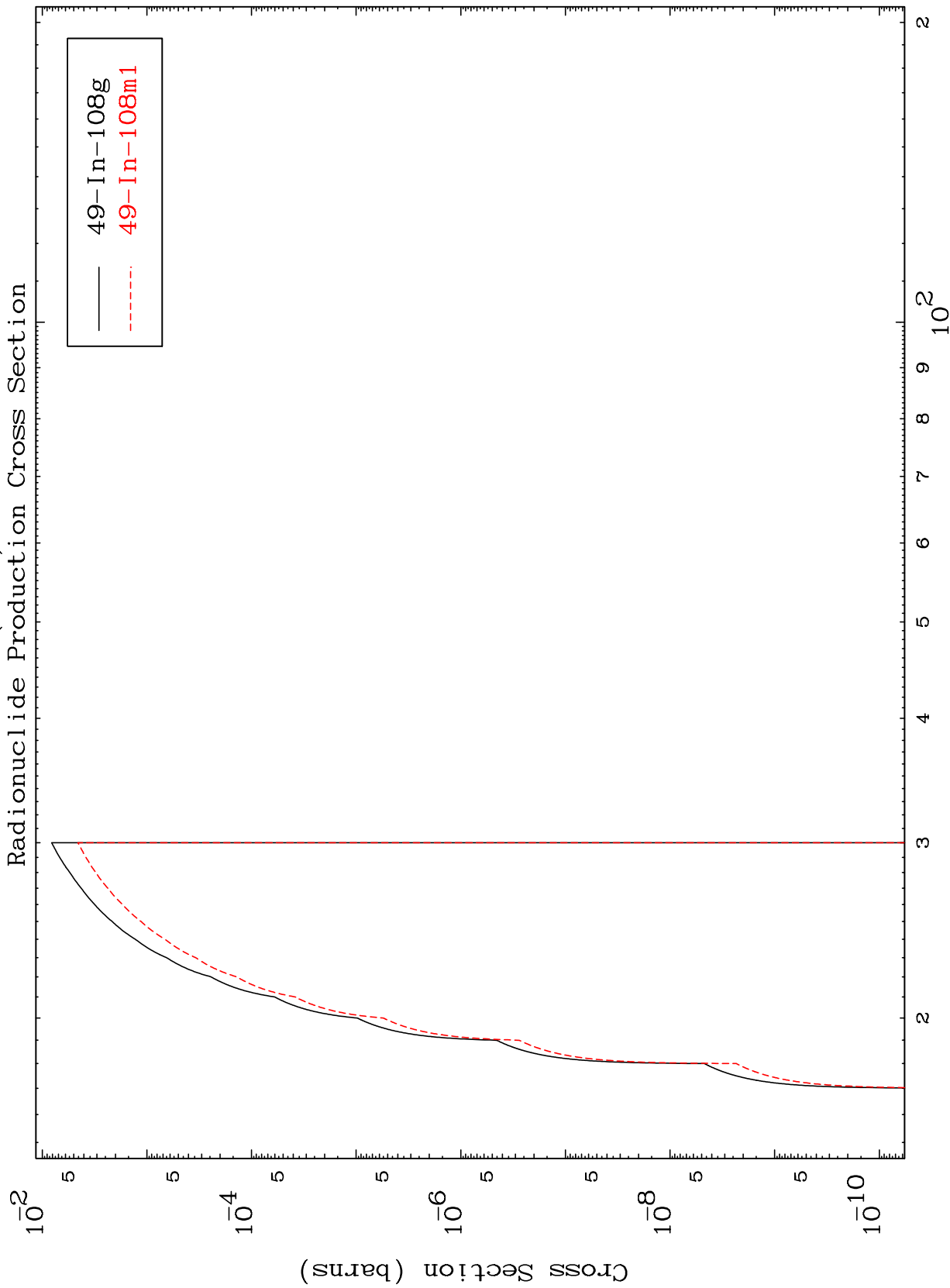
Incident Energy (MeV)

50-Sn-110

MAT 5019

(n,n') d

50-Sn-110

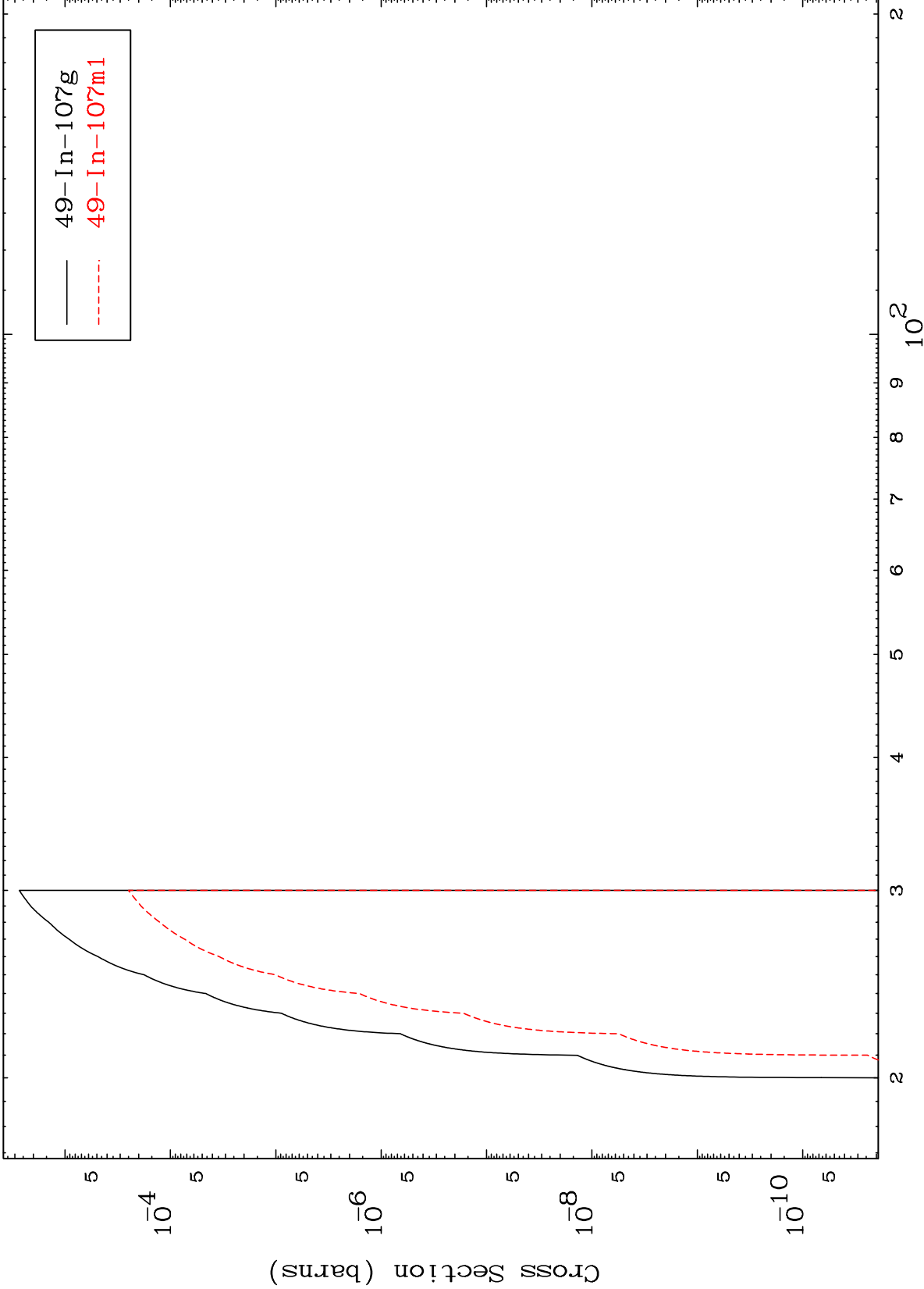


137

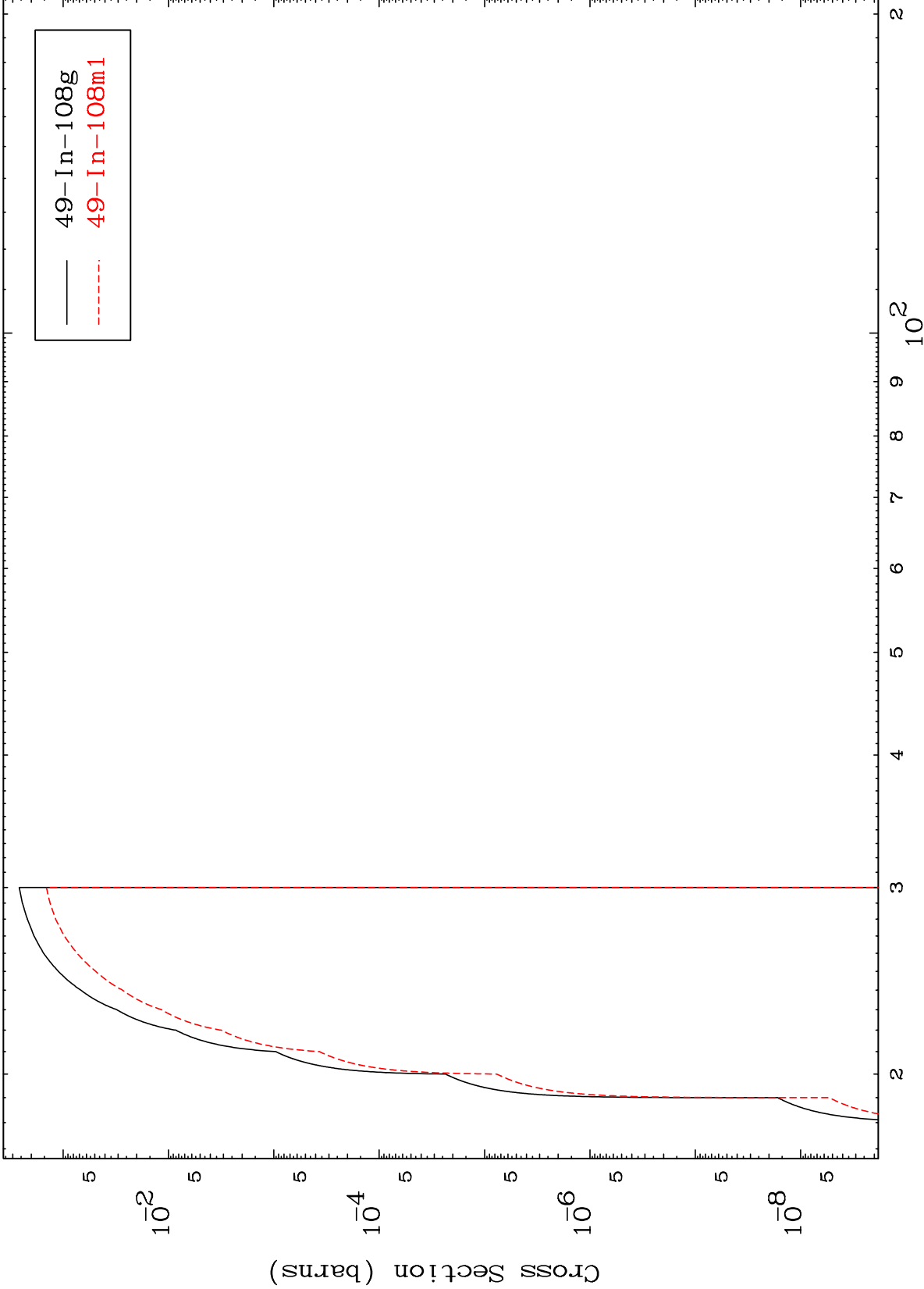
Incident Energy (MeV)

50-Sn-110

Radionuclide Production Cross Section



Radionuclide Production Cross Section



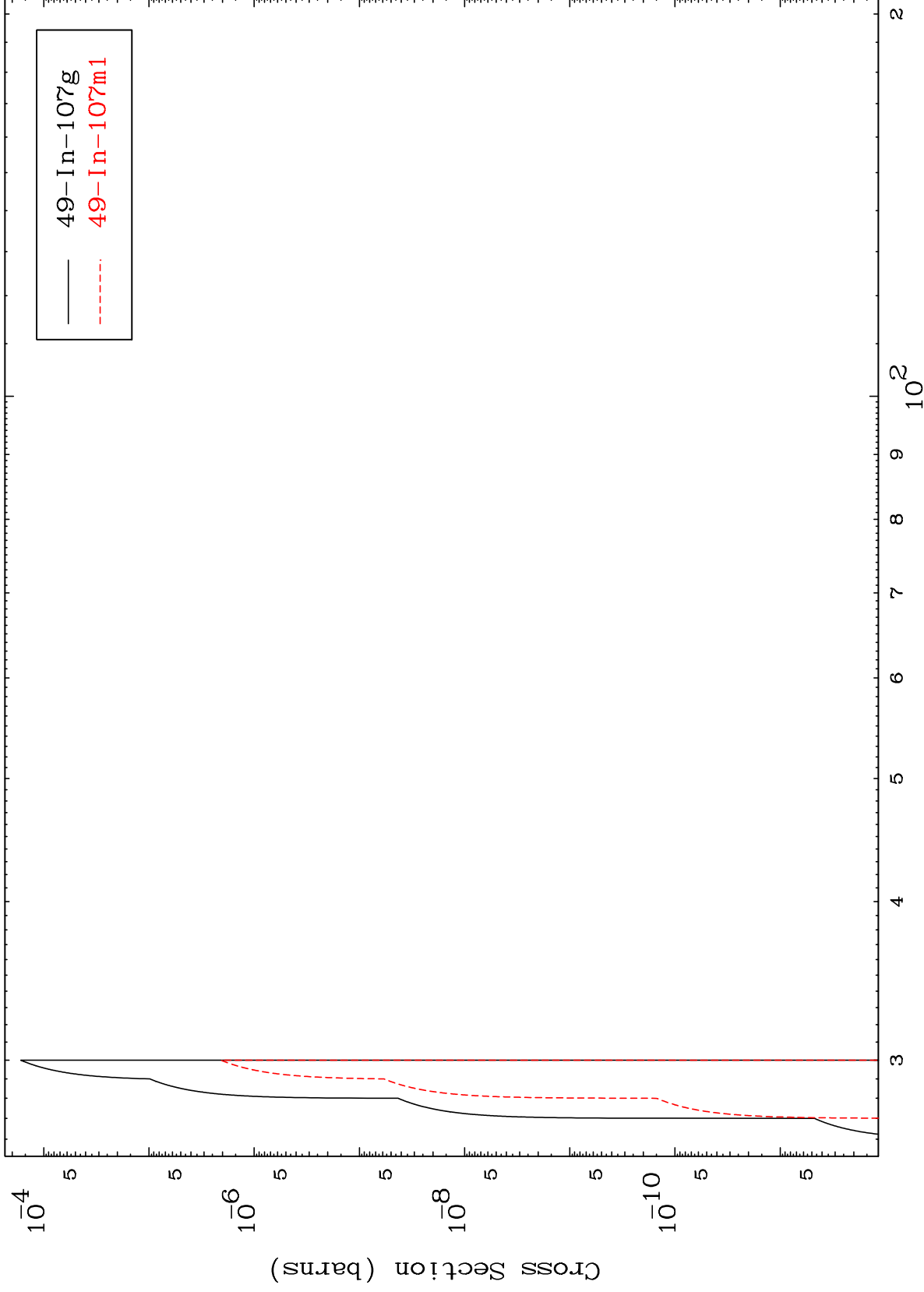
49-In-108g
49-In-108m1

MAT 5019

(n,3n) p

50-Sn-110

Radionuclide Production Cross Section



140

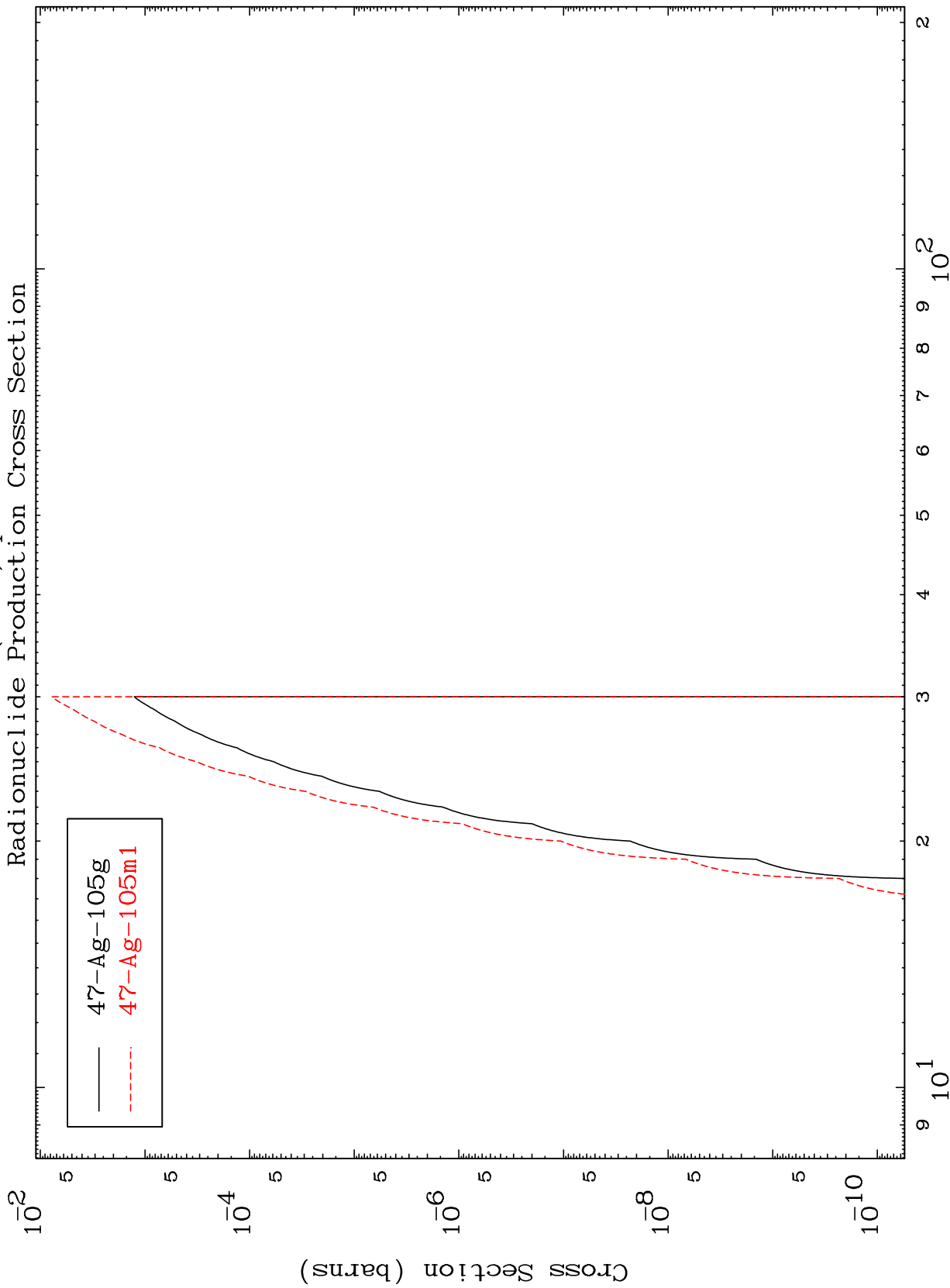
Incident Energy (MeV)

50-Sn-110

MAT 5019

(n,n') p α

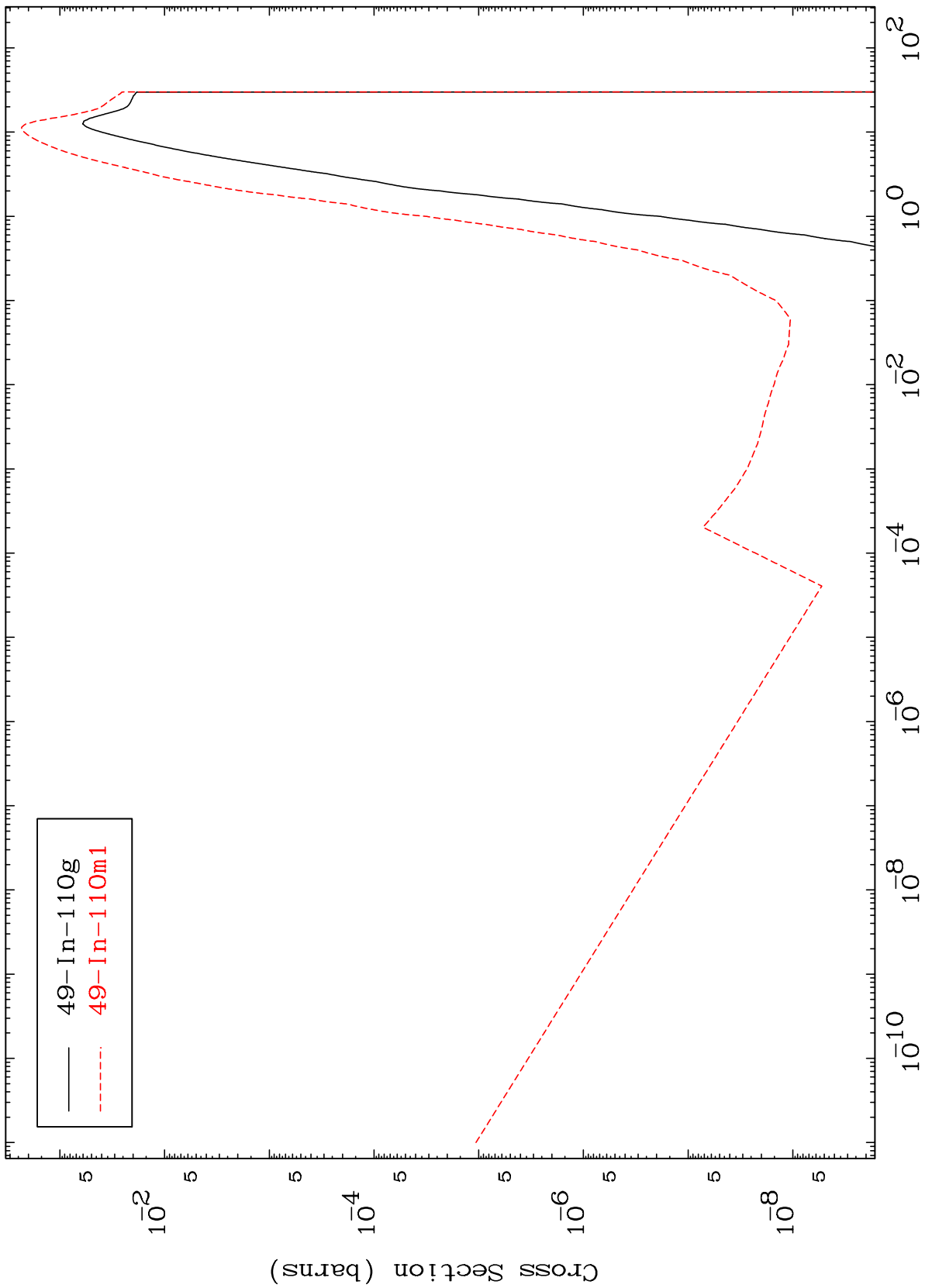
50-Sn-110



MAT 5019

50-Sn-110

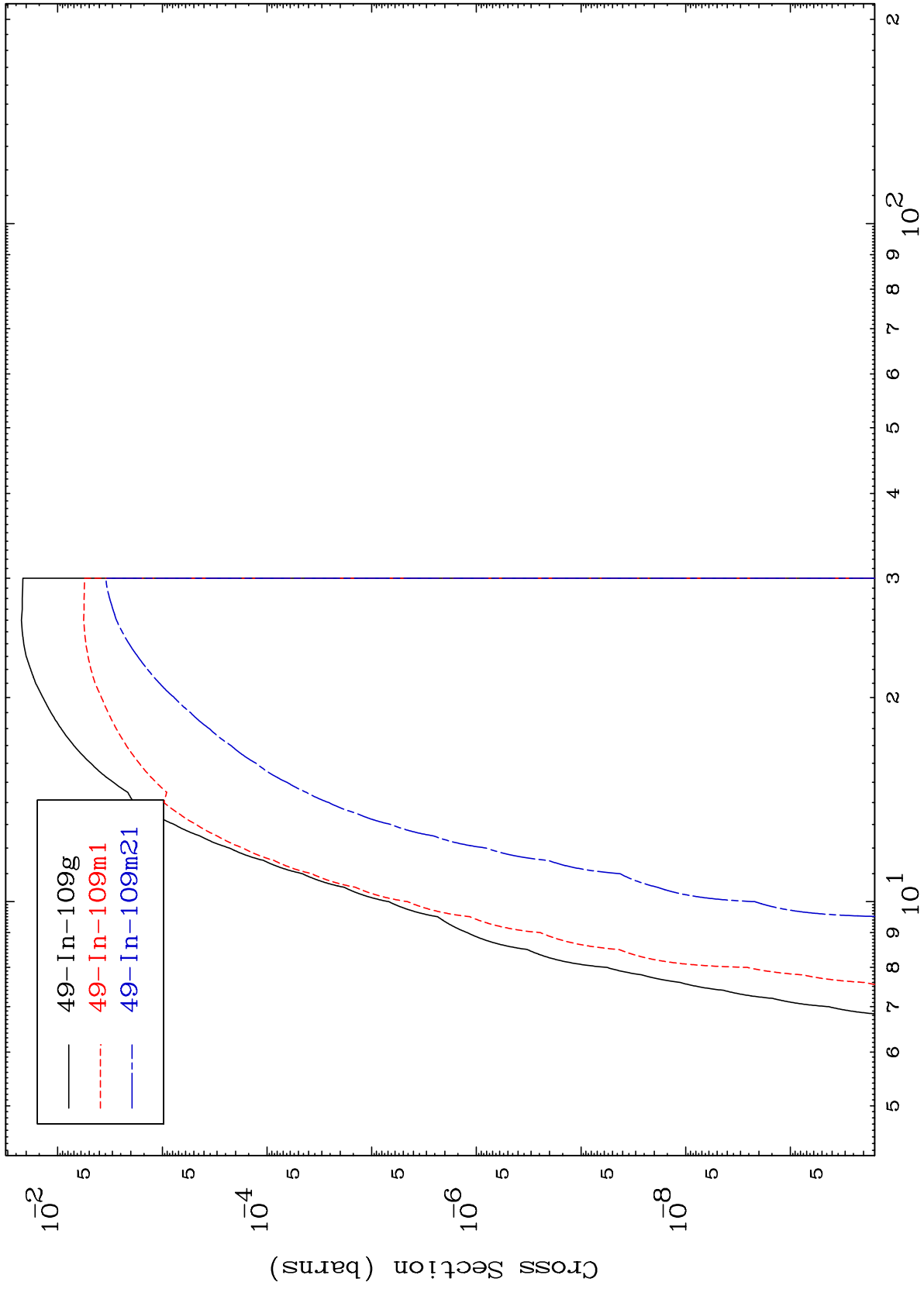
(n,p)
Radionuclide Production Cross Section



MAT 5019

50-Sn-110

(n,d)
Radionuclide Production Cross Section



143

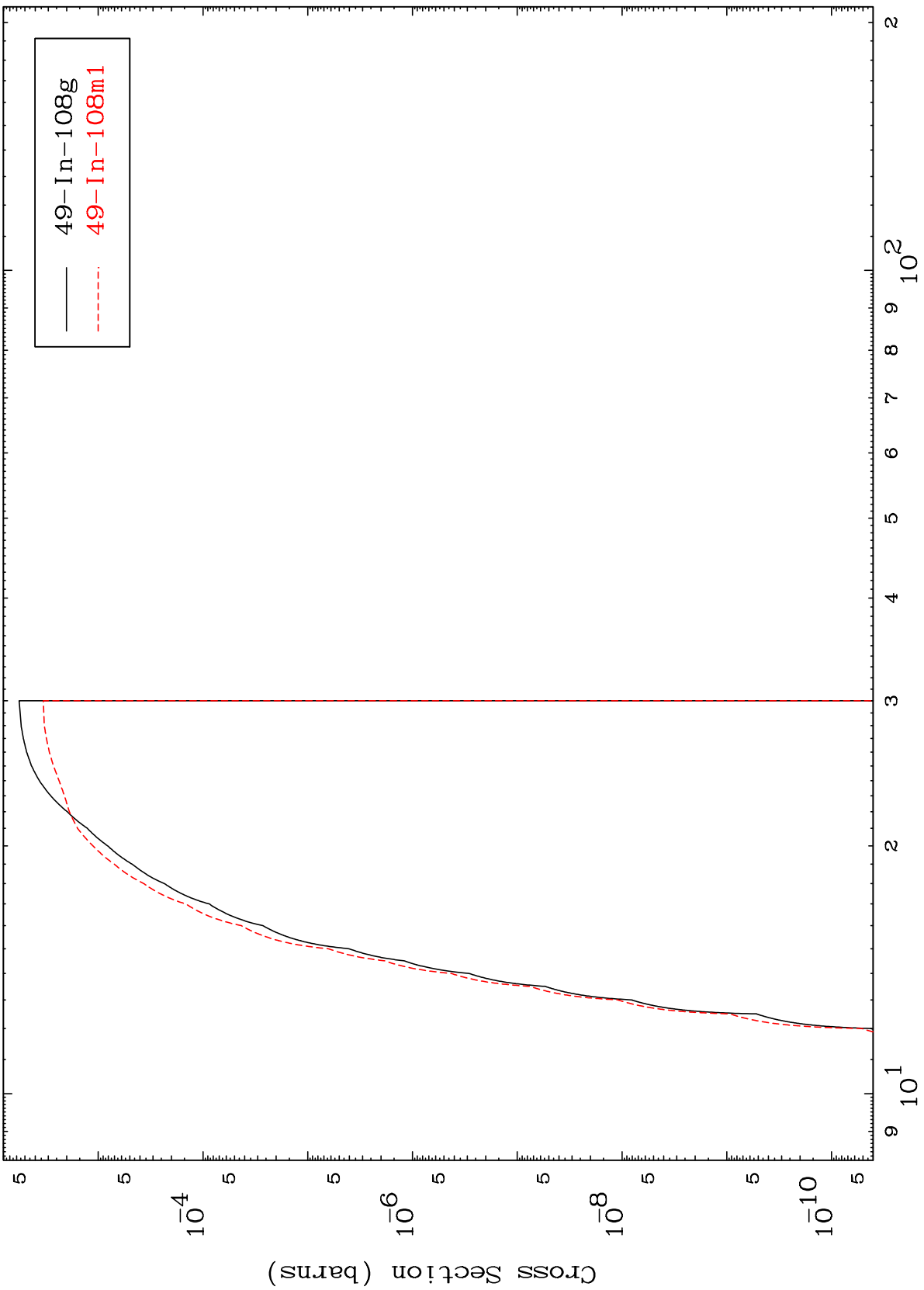
Incident Energy (MeV)

50-Sn-110

MAT 5019

50-Sn-110

(n,t)
Radionuclide Production Cross Section



49-In-108g
49-In-108m1

144

Incident Energy (MeV)

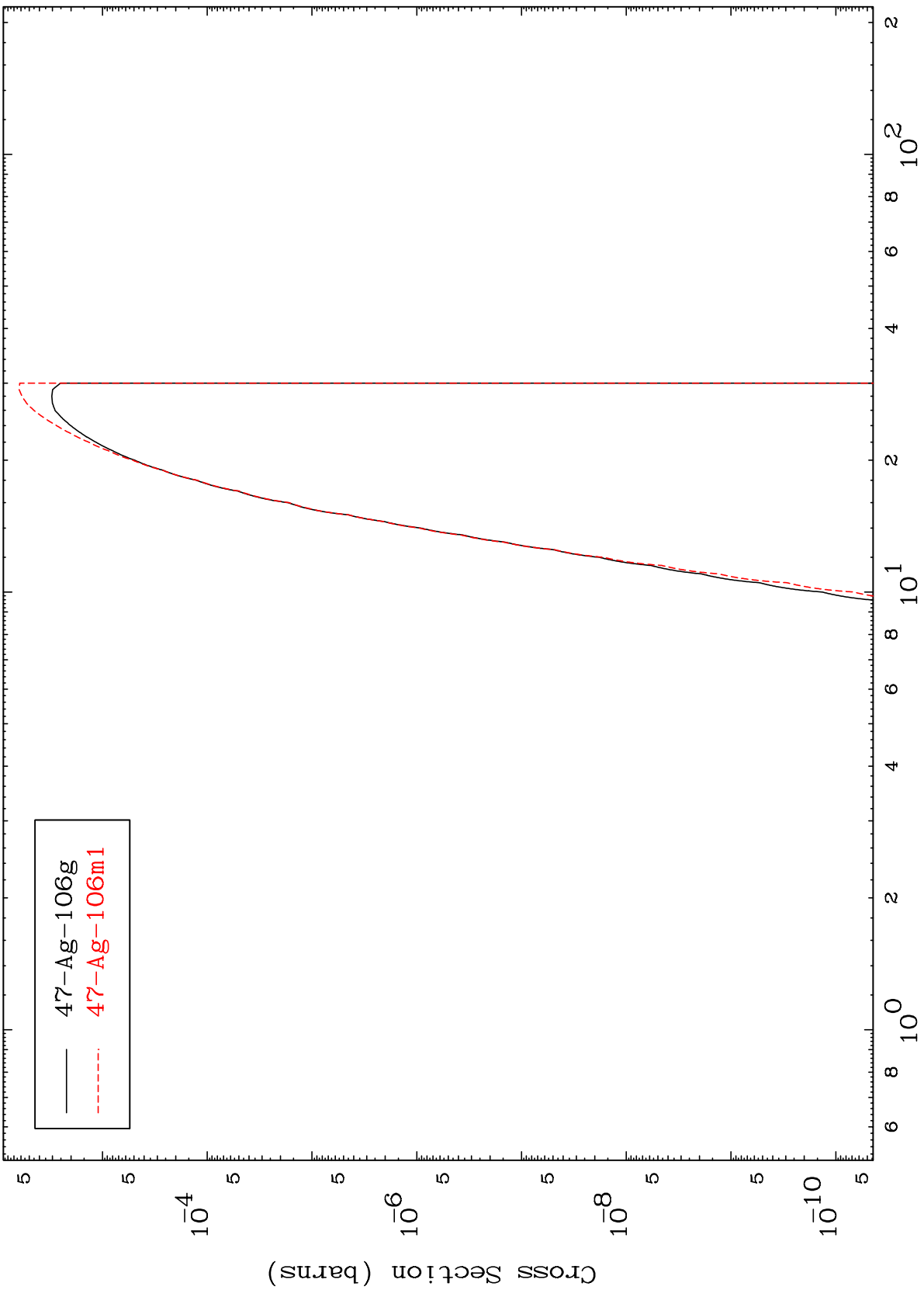
50-Sn-110

MAT 5019

(n,p) α

50-Sn-110

Radionuclide Production Cross Section



145

Incident Energy (MeV)

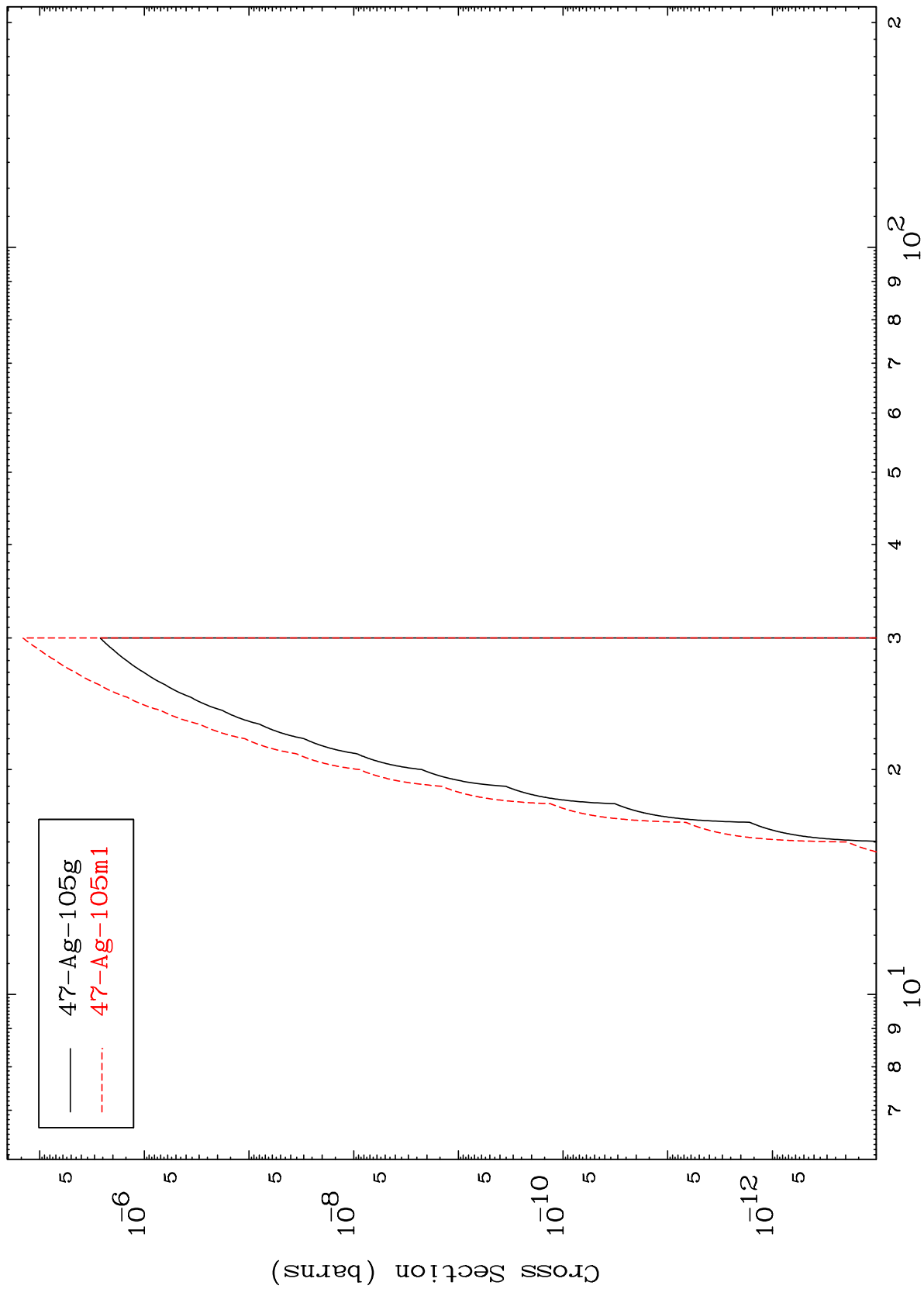
50-Sn-110

MAT 5019

50-Sn-110

(n,d) α

Radionuclide Production Cross Section



146

Incident Energy (MeV)

50-Sn-110