

Program EVALPLOT
(Version 2021-1)

by

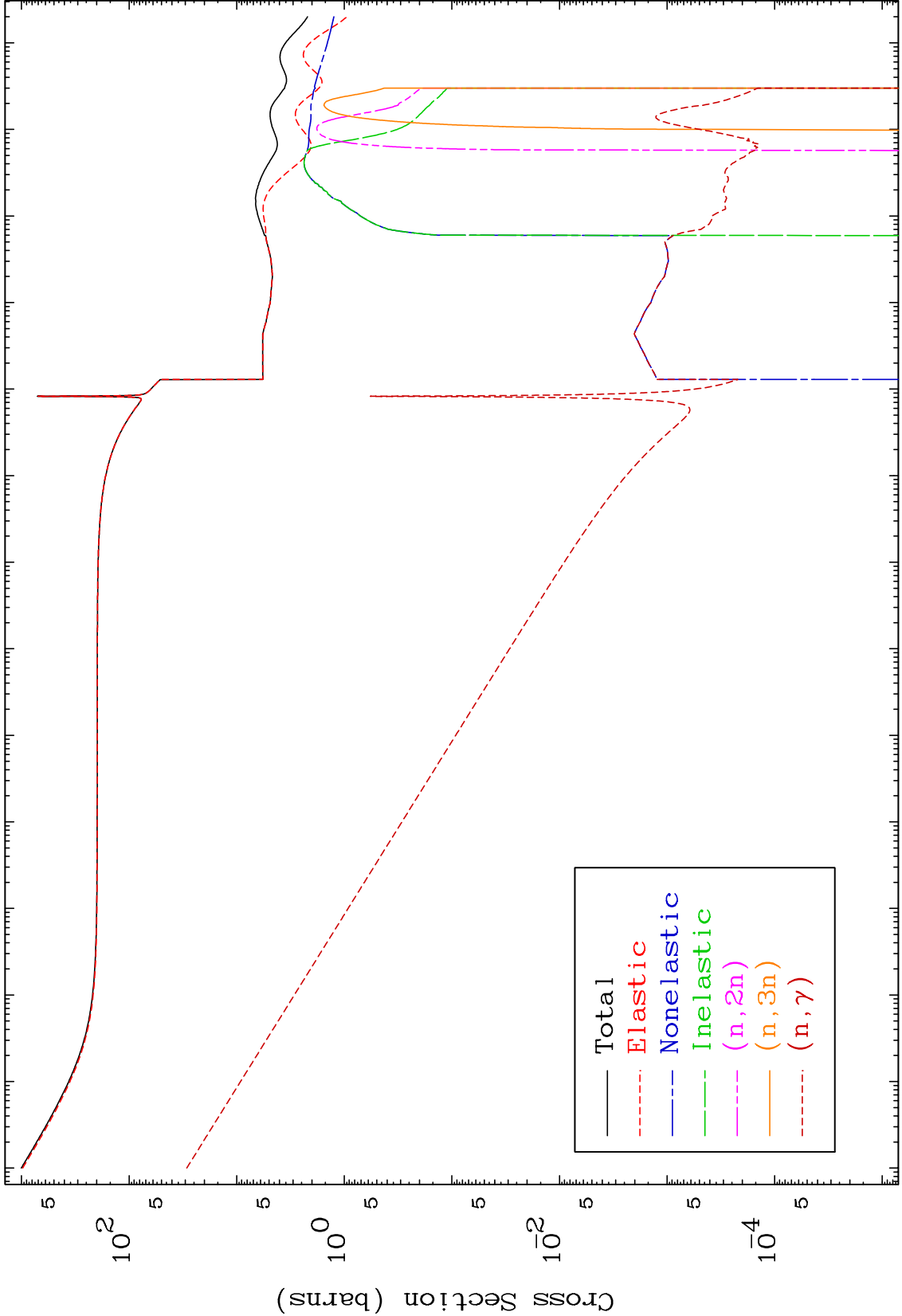
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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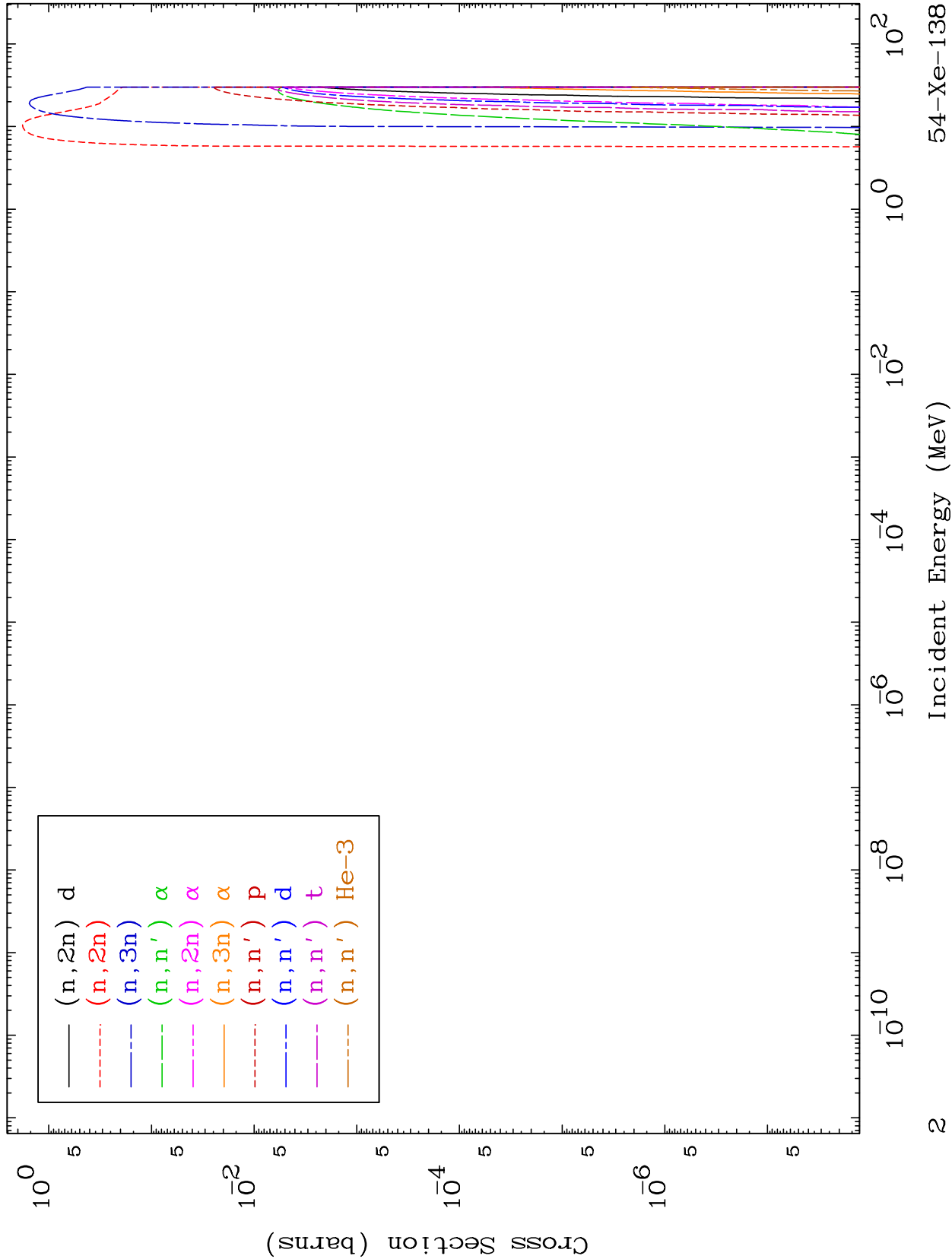
Press Mouse Button to Start

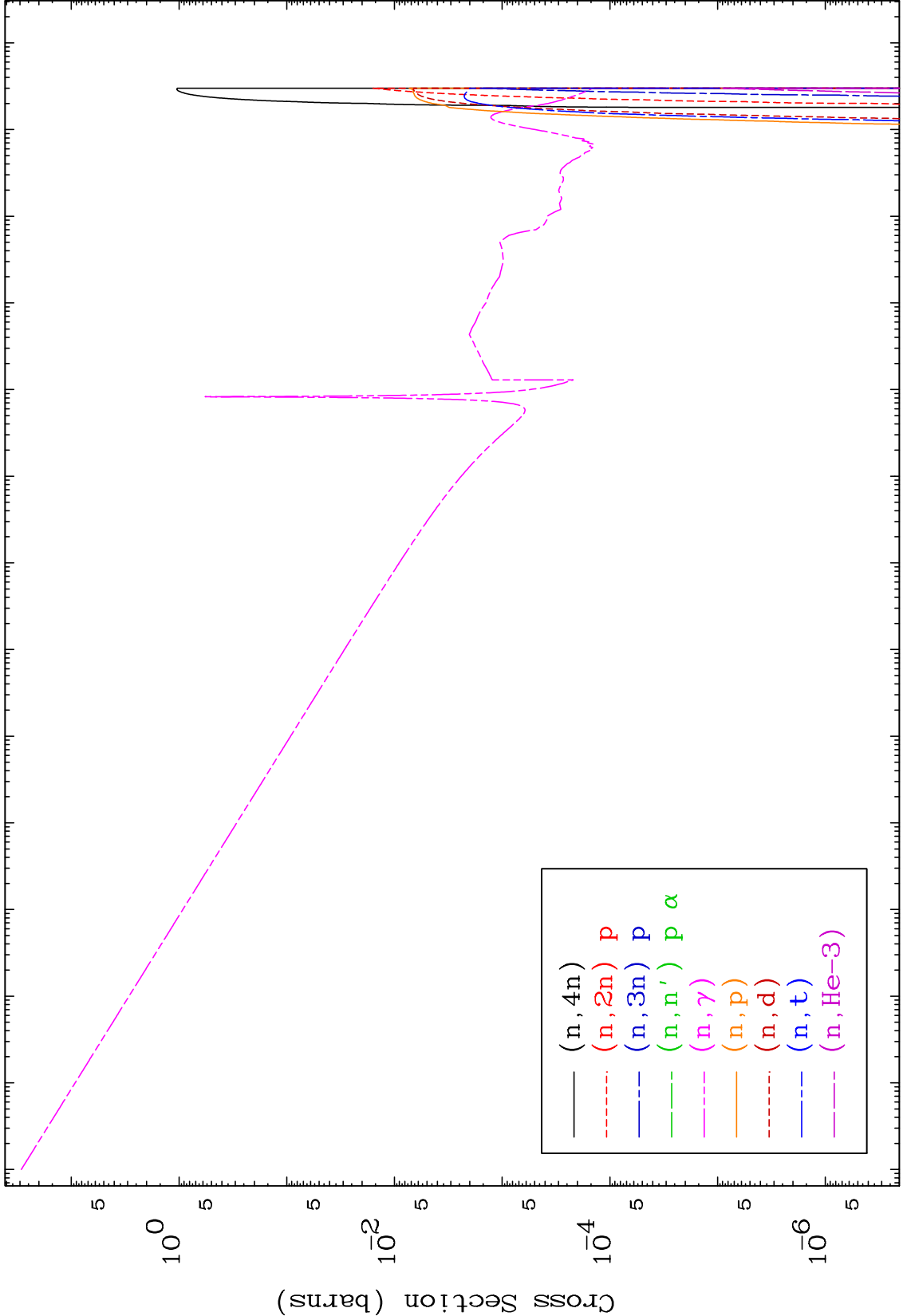


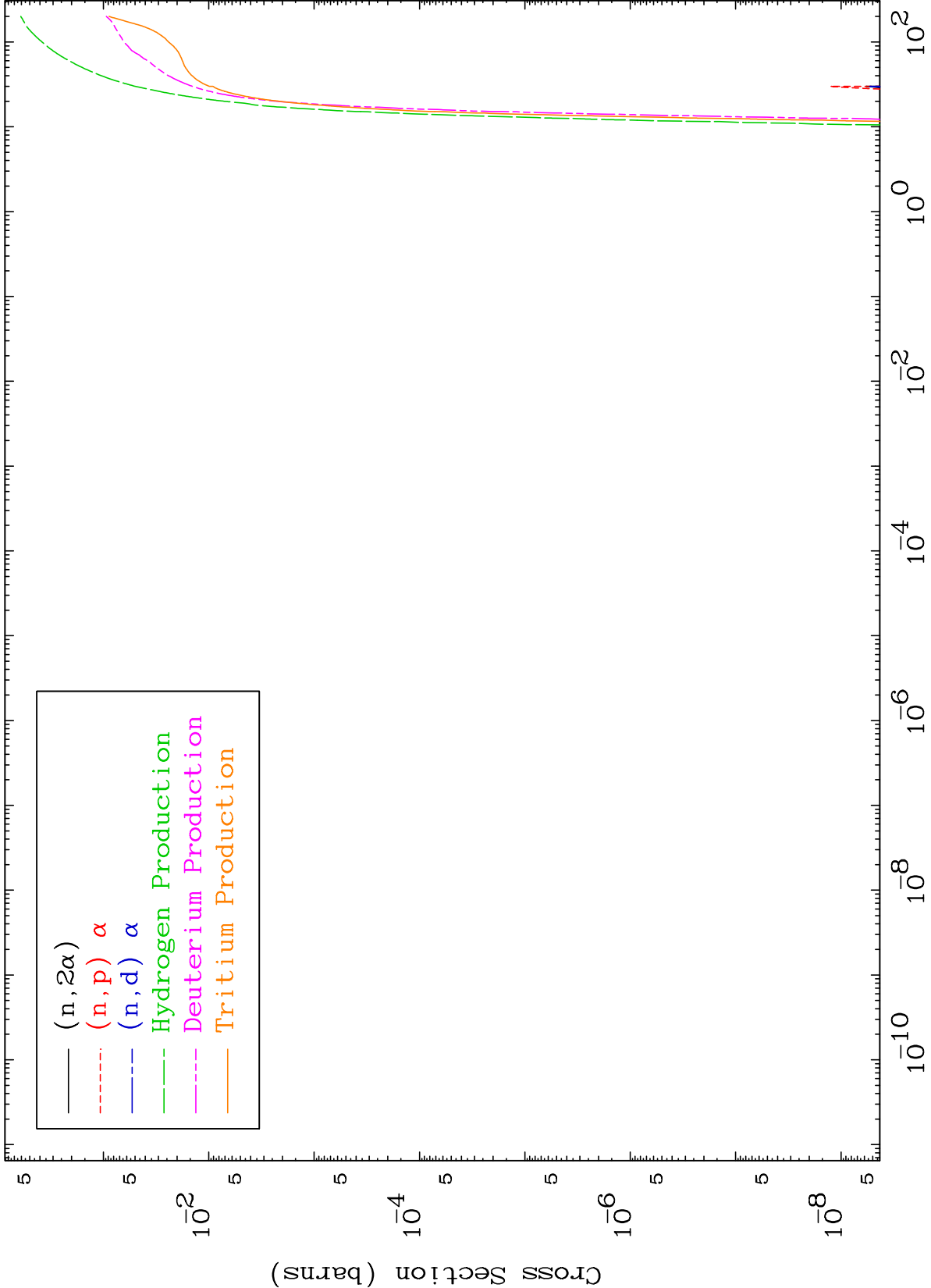
MAT 5467

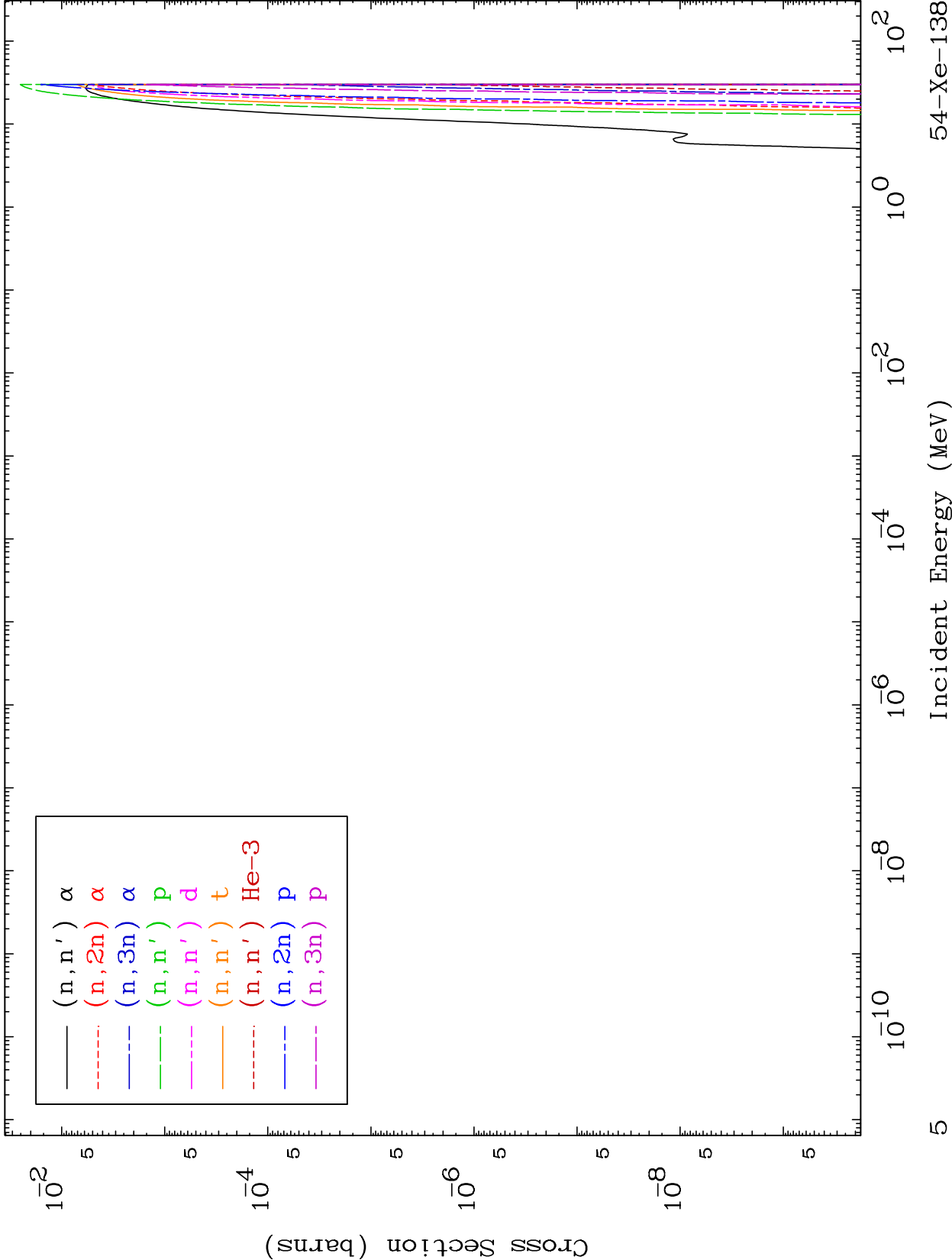
Neutron Absorption
293 Kelvin Cross Sections

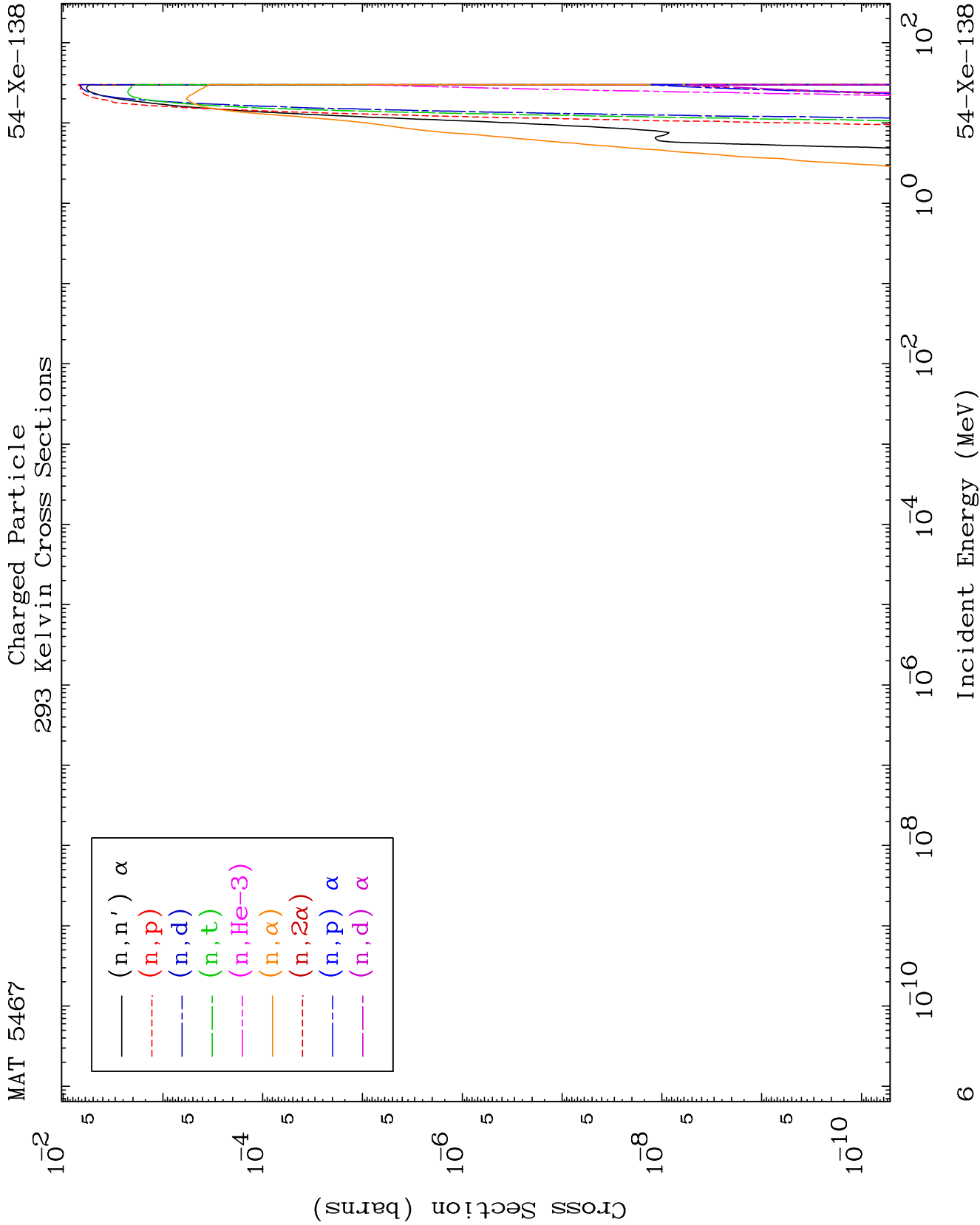
54-Xe-138







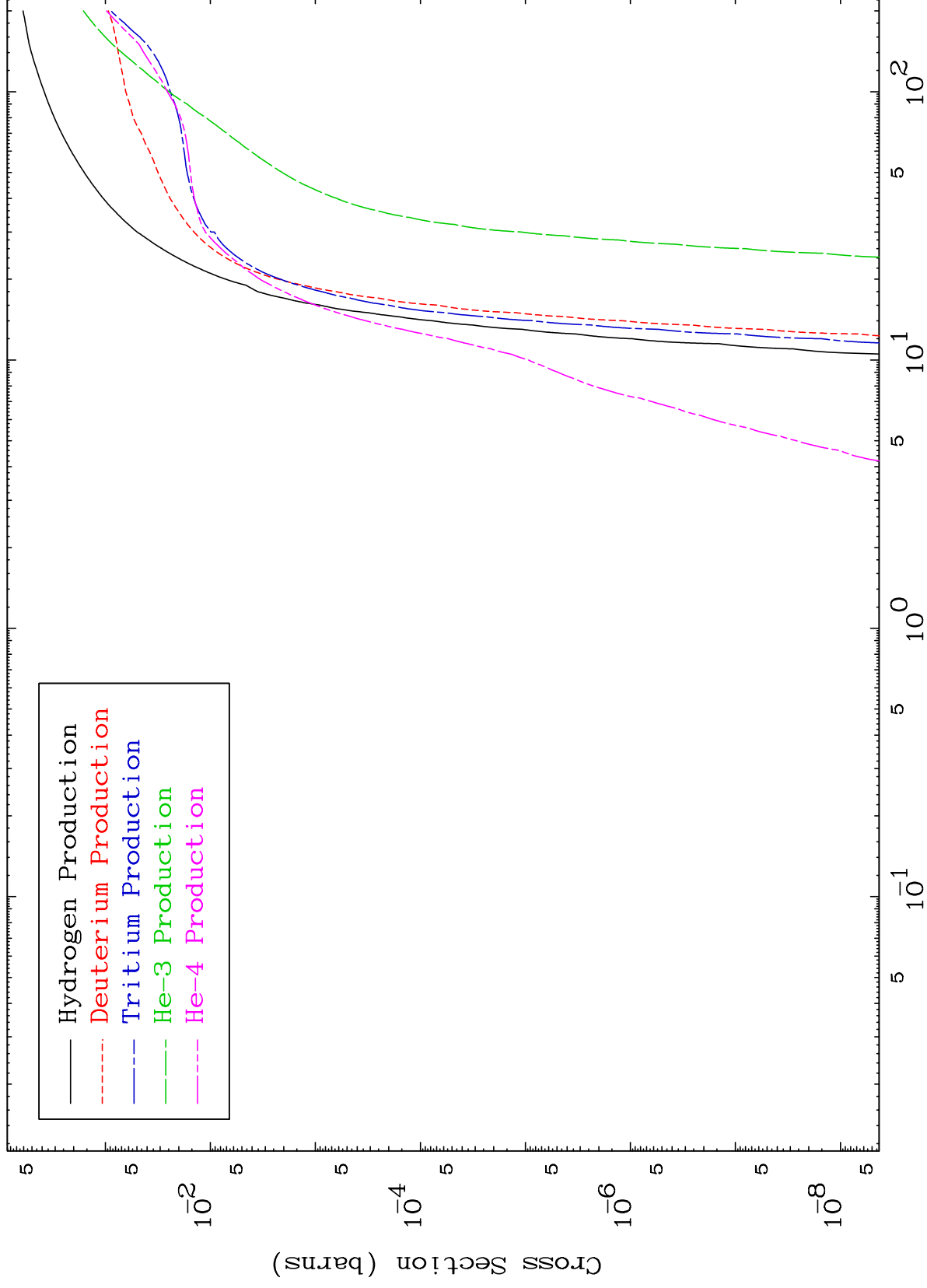


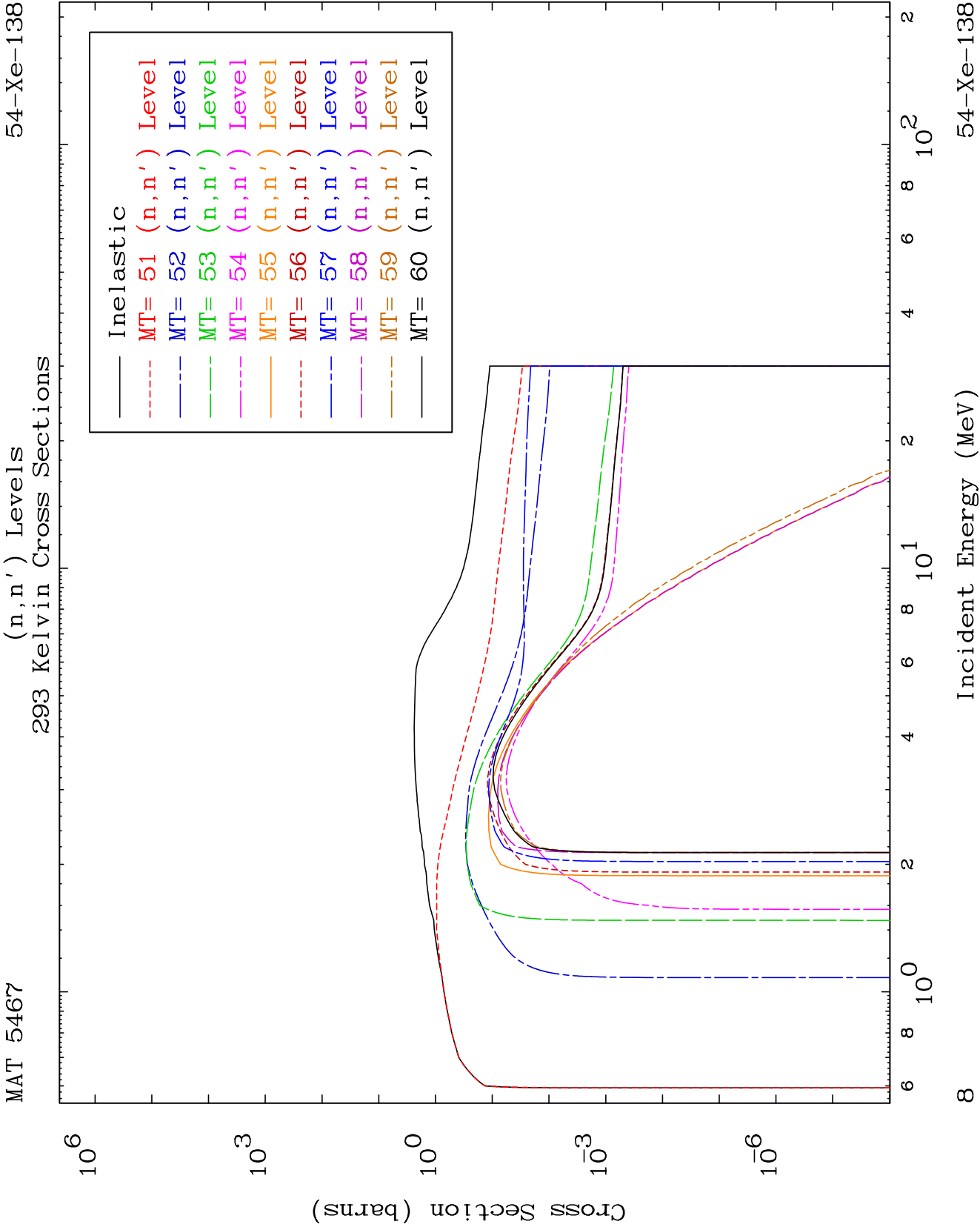


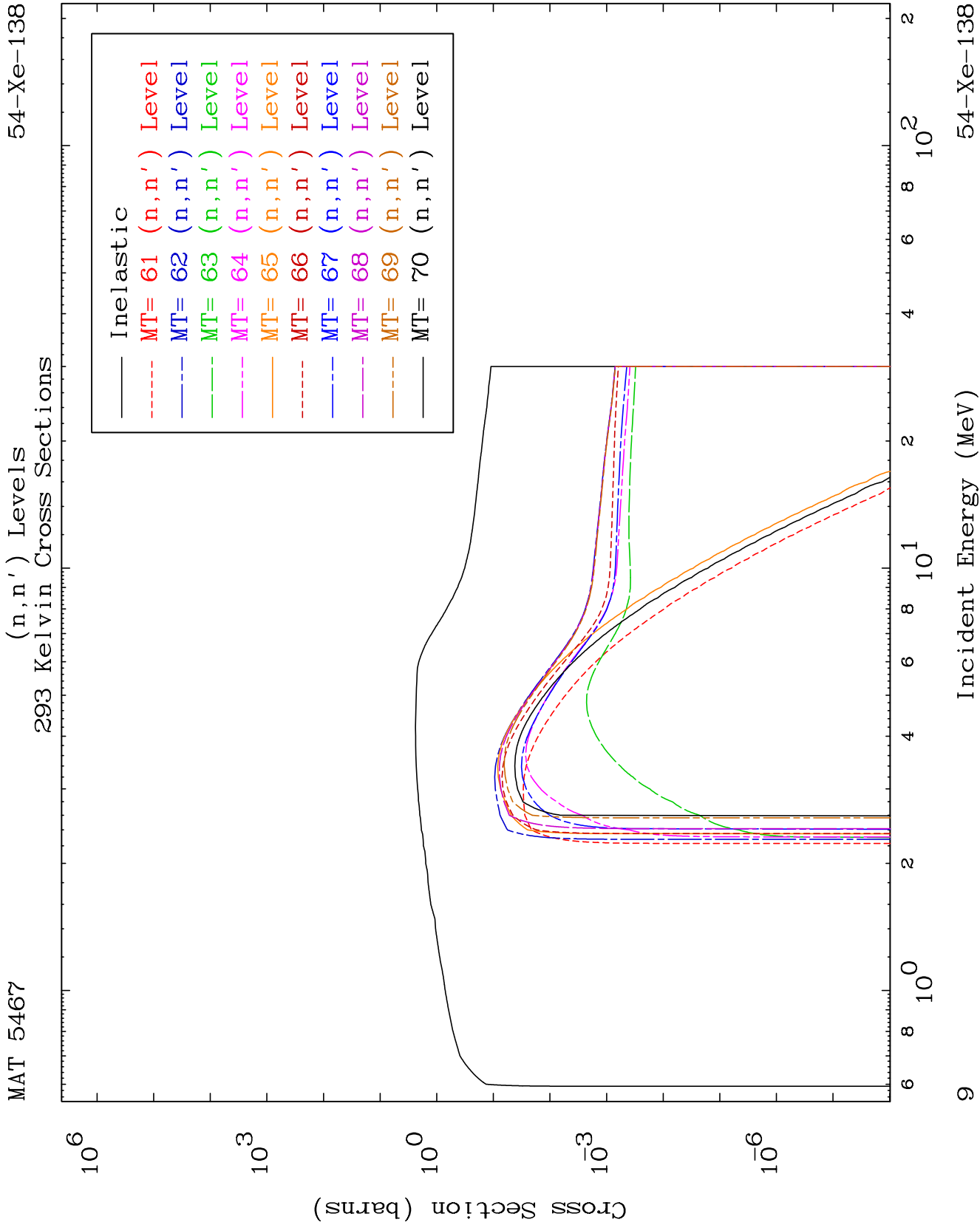
MAT 5467

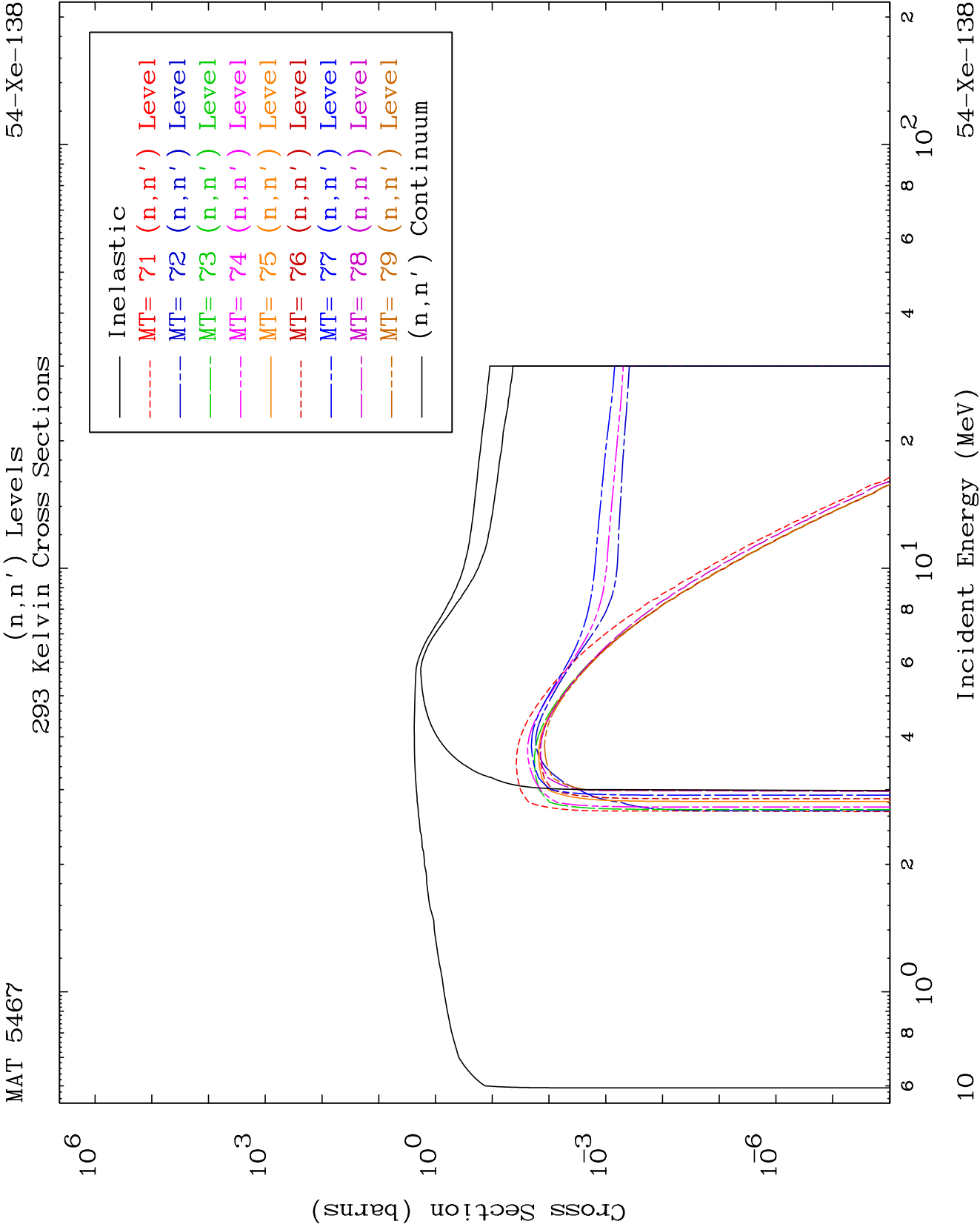
Particle Production
293 Kelvin Cross Sections

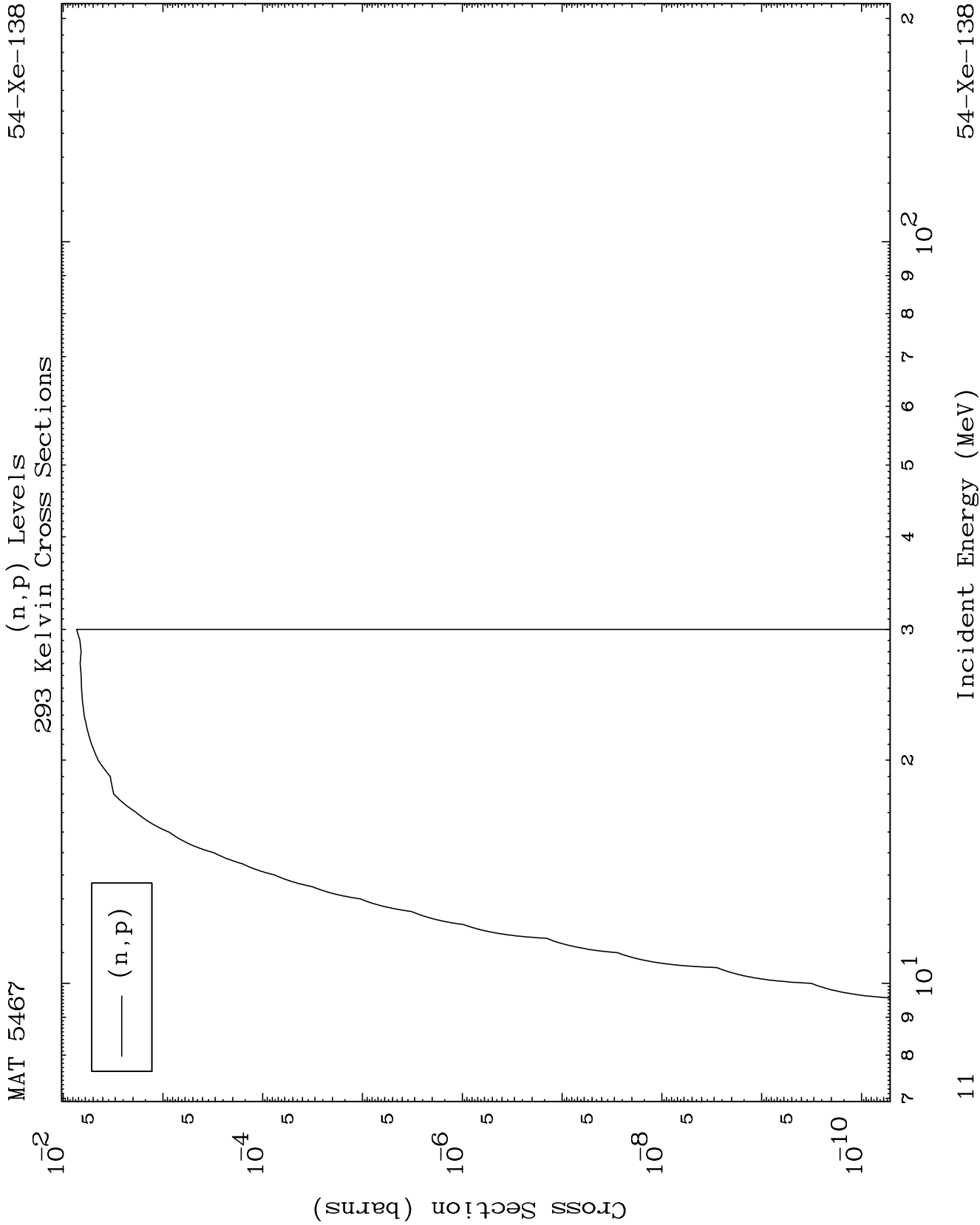
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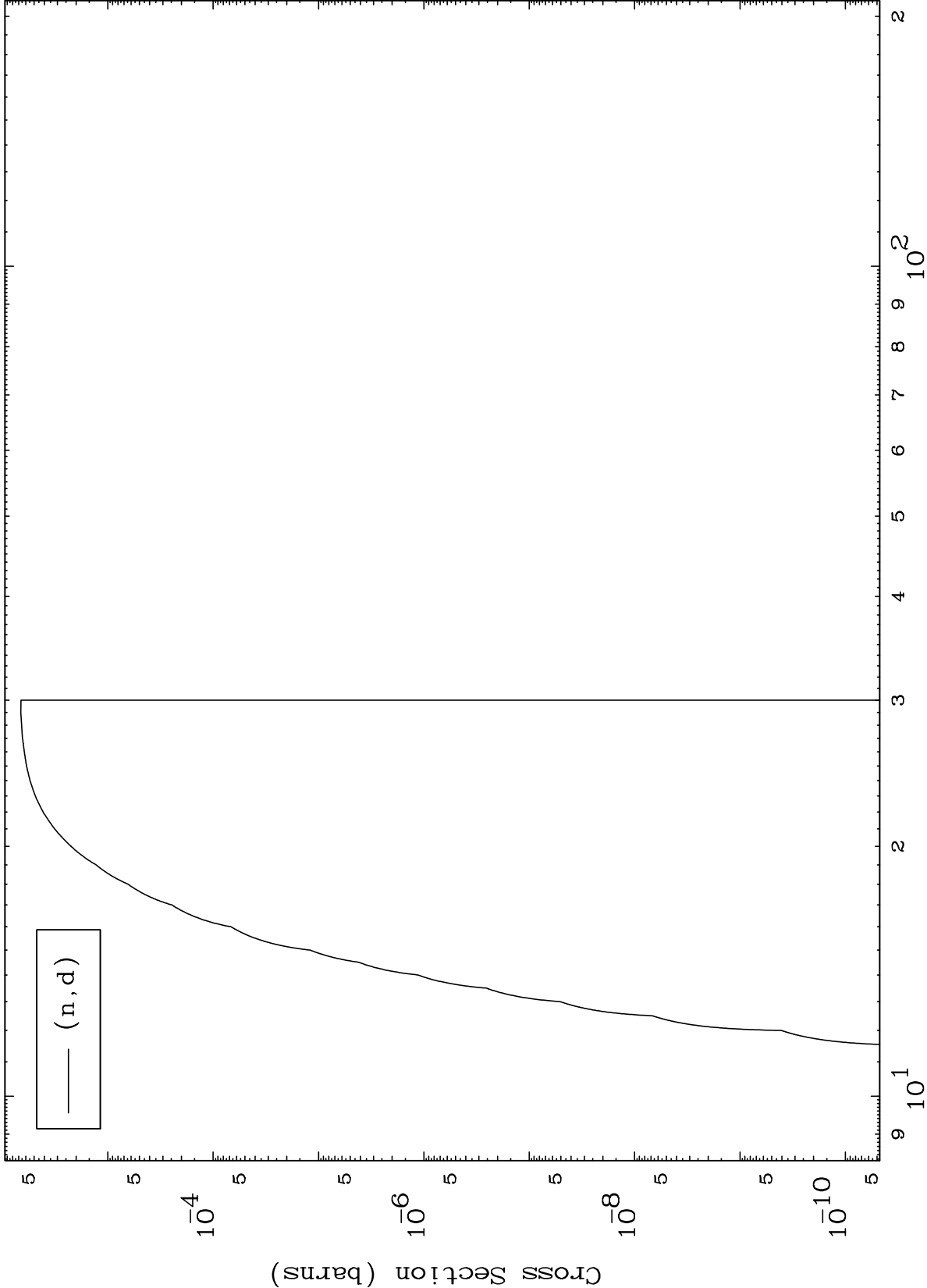




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(n,d) Levels
293 Kelvin Cross Sections



54-Xe-138

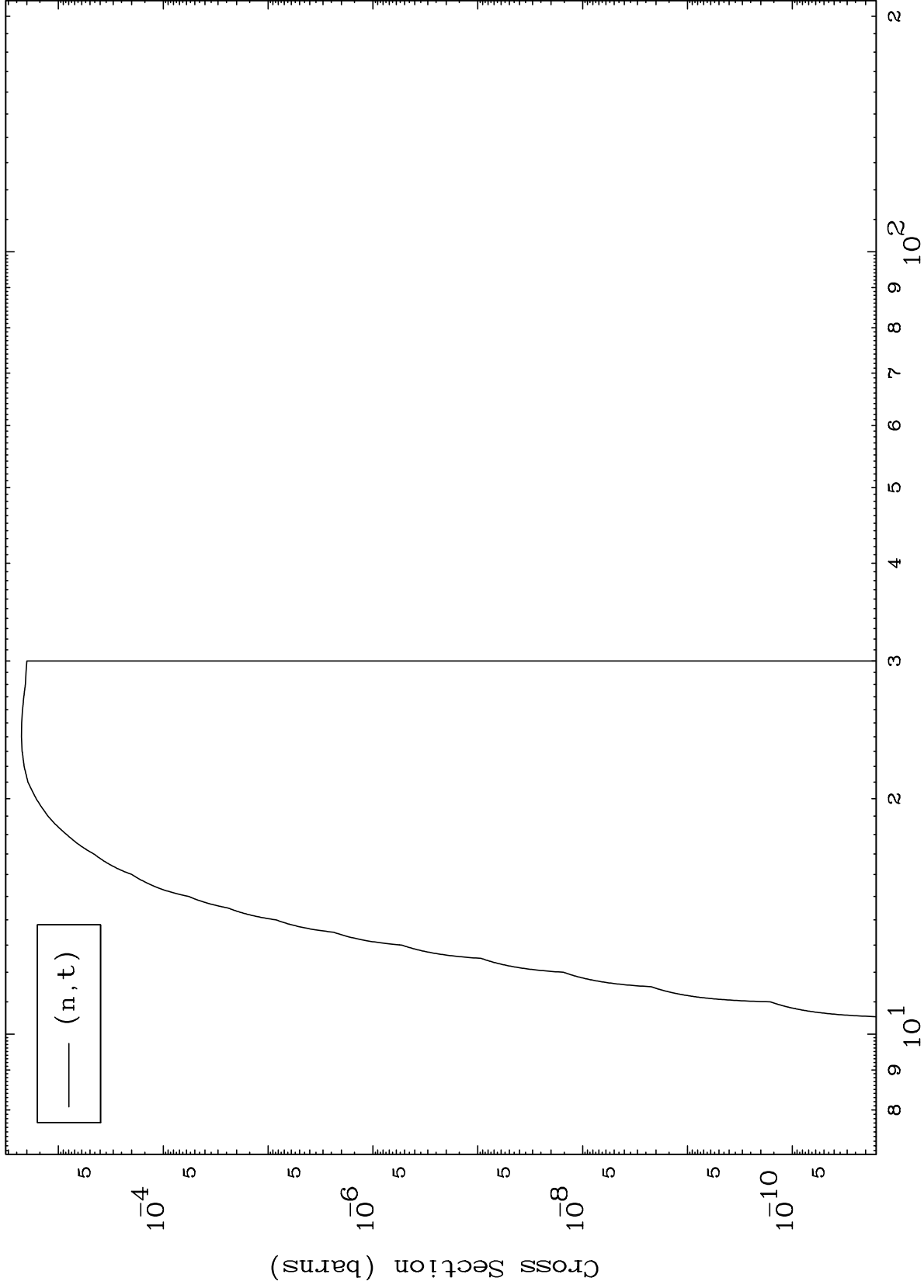
Incident Energy (MeV)

12

MAT 5467

54-Xe-138

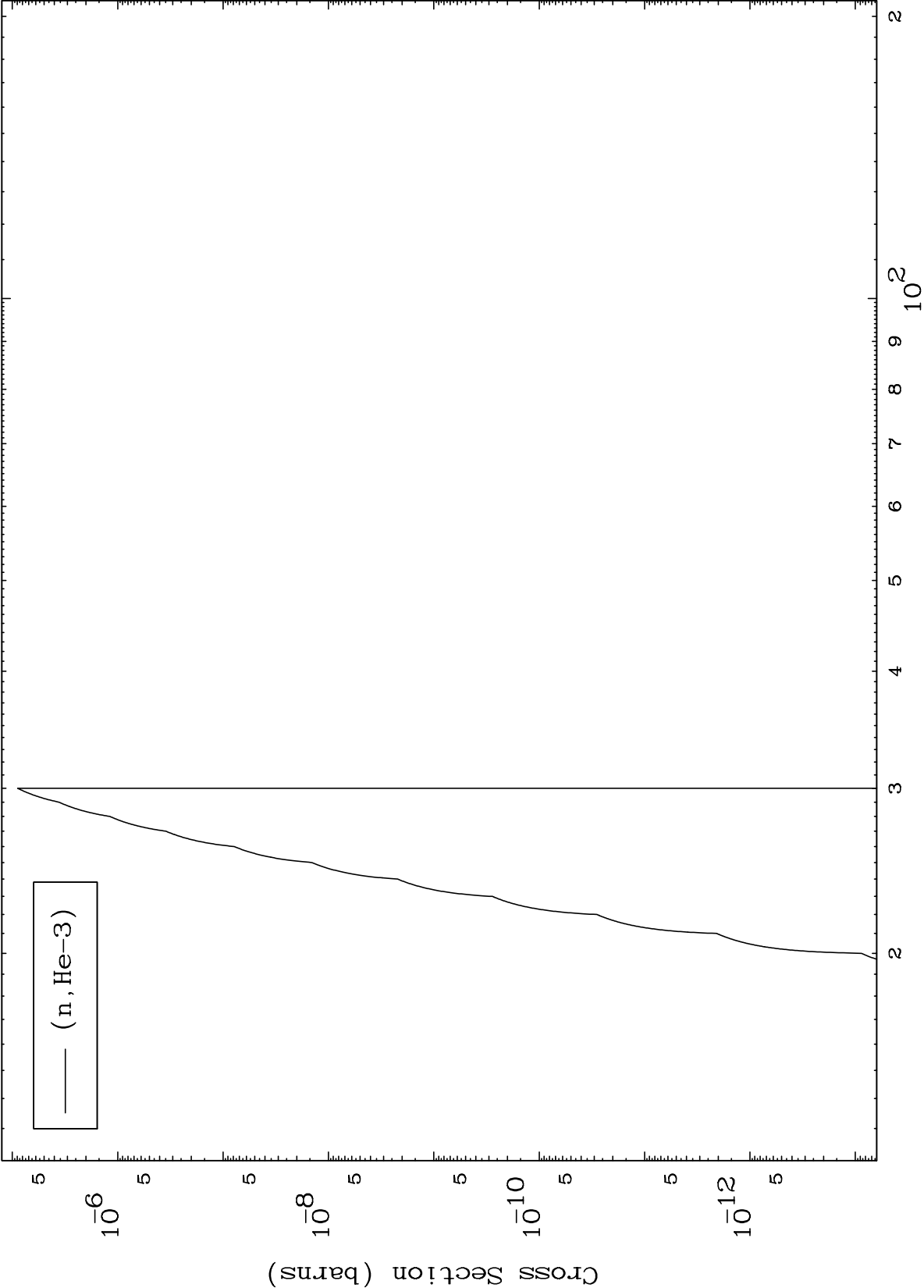
(n,t) Levels
293 Kelvin Cross Sections



54-Xe-138

Incident Energy (MeV)

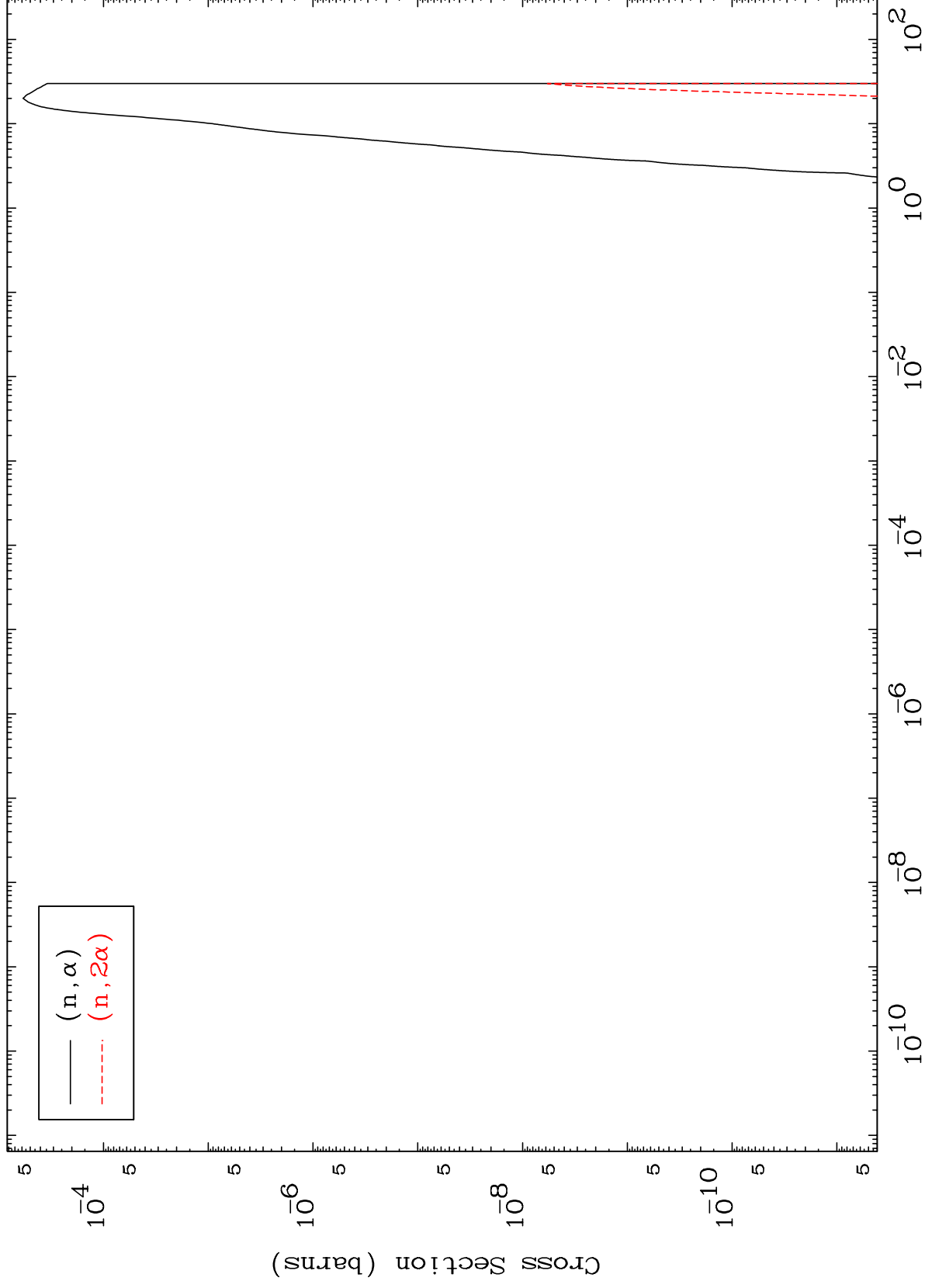
13



MAT 5467

(n, α) Levels
293 Kelvin Cross Sections

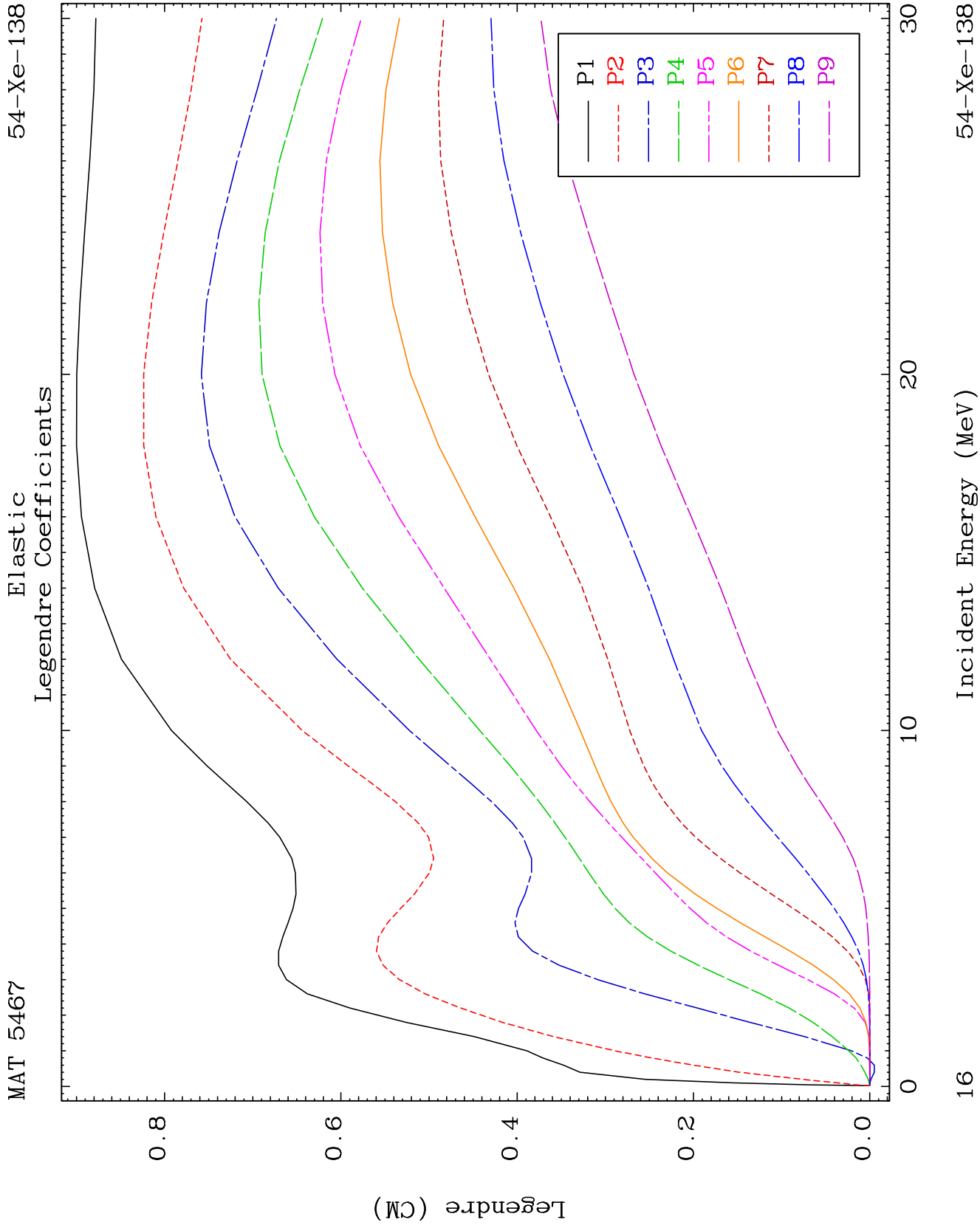
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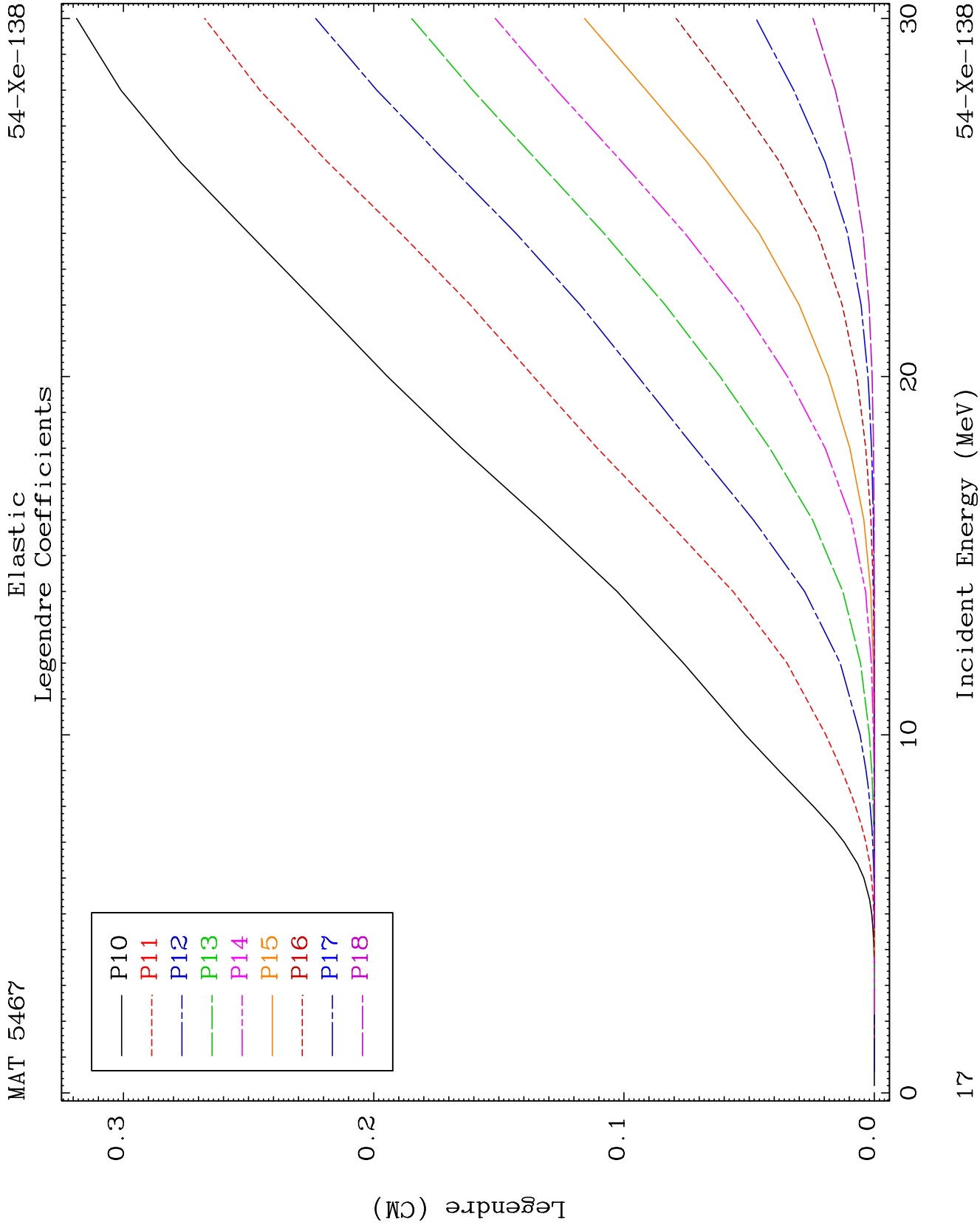


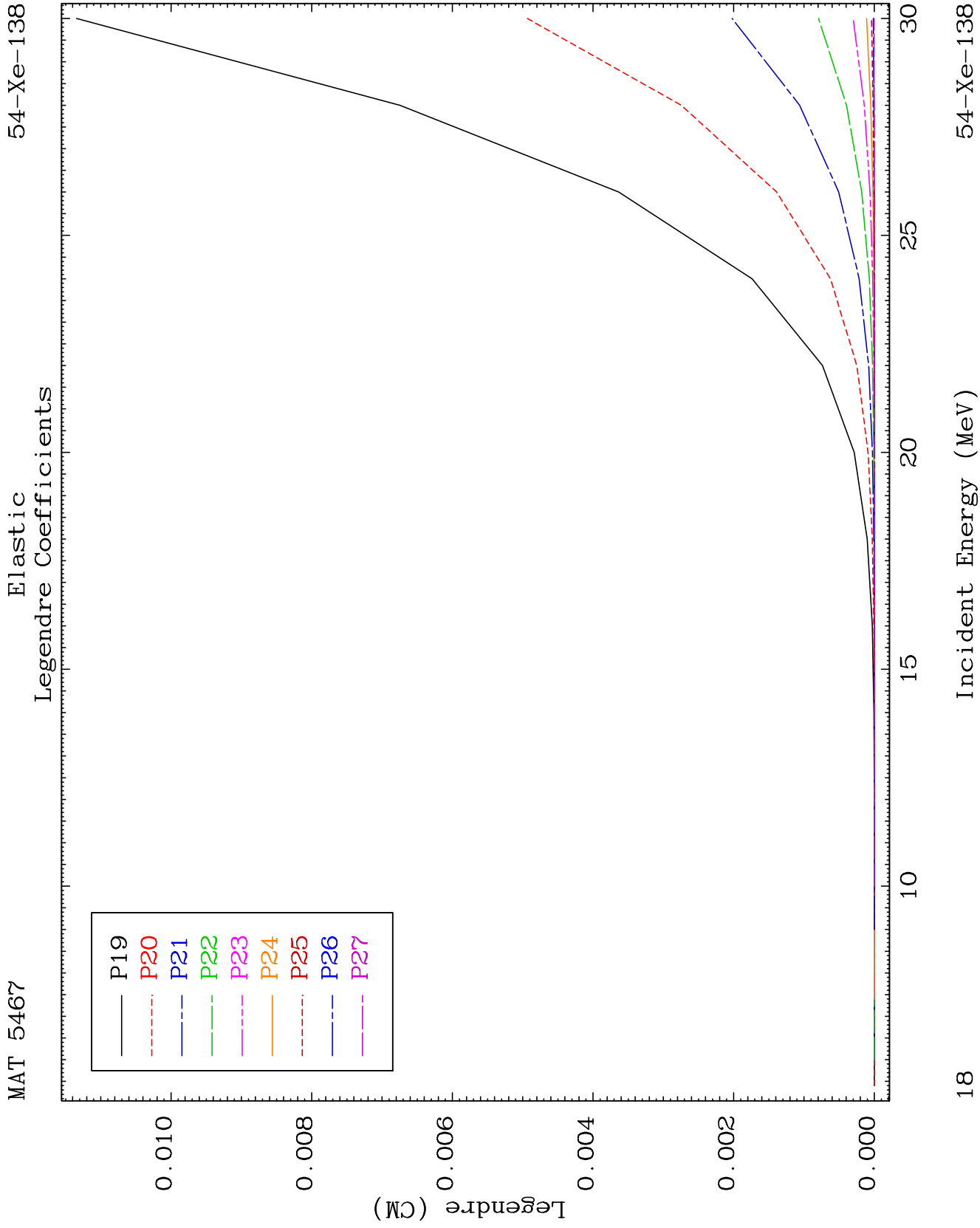
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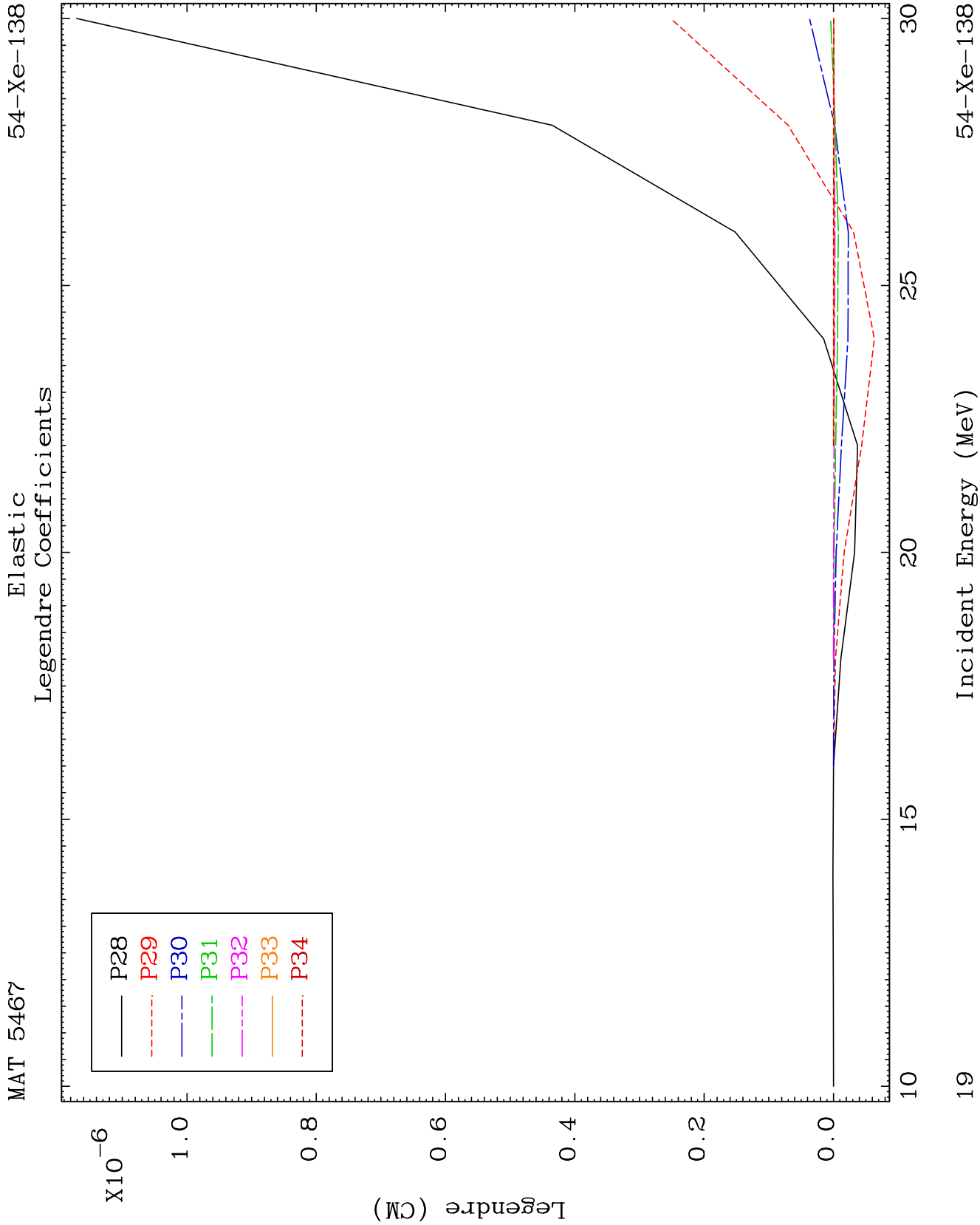
Incident Energy (MeV)

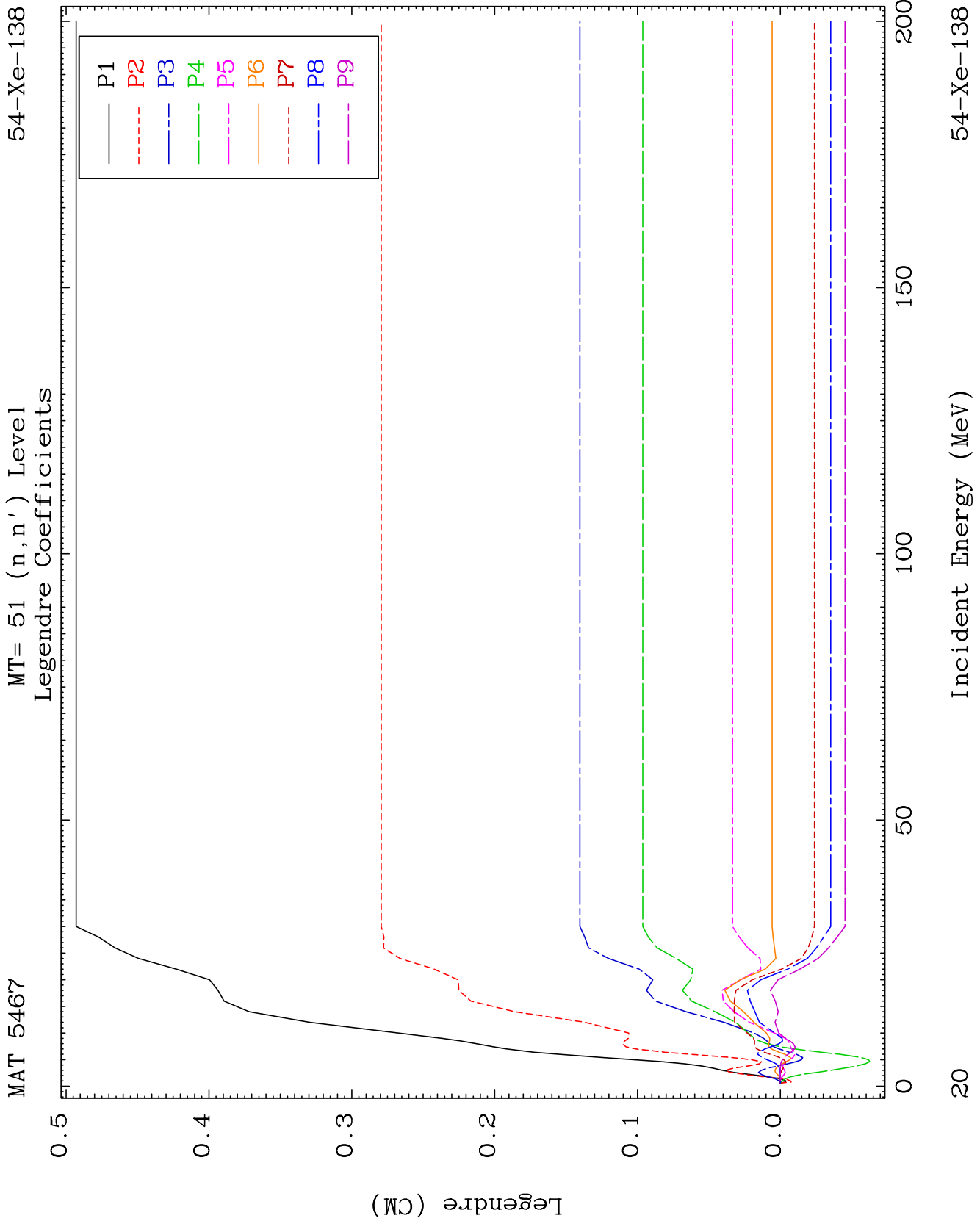
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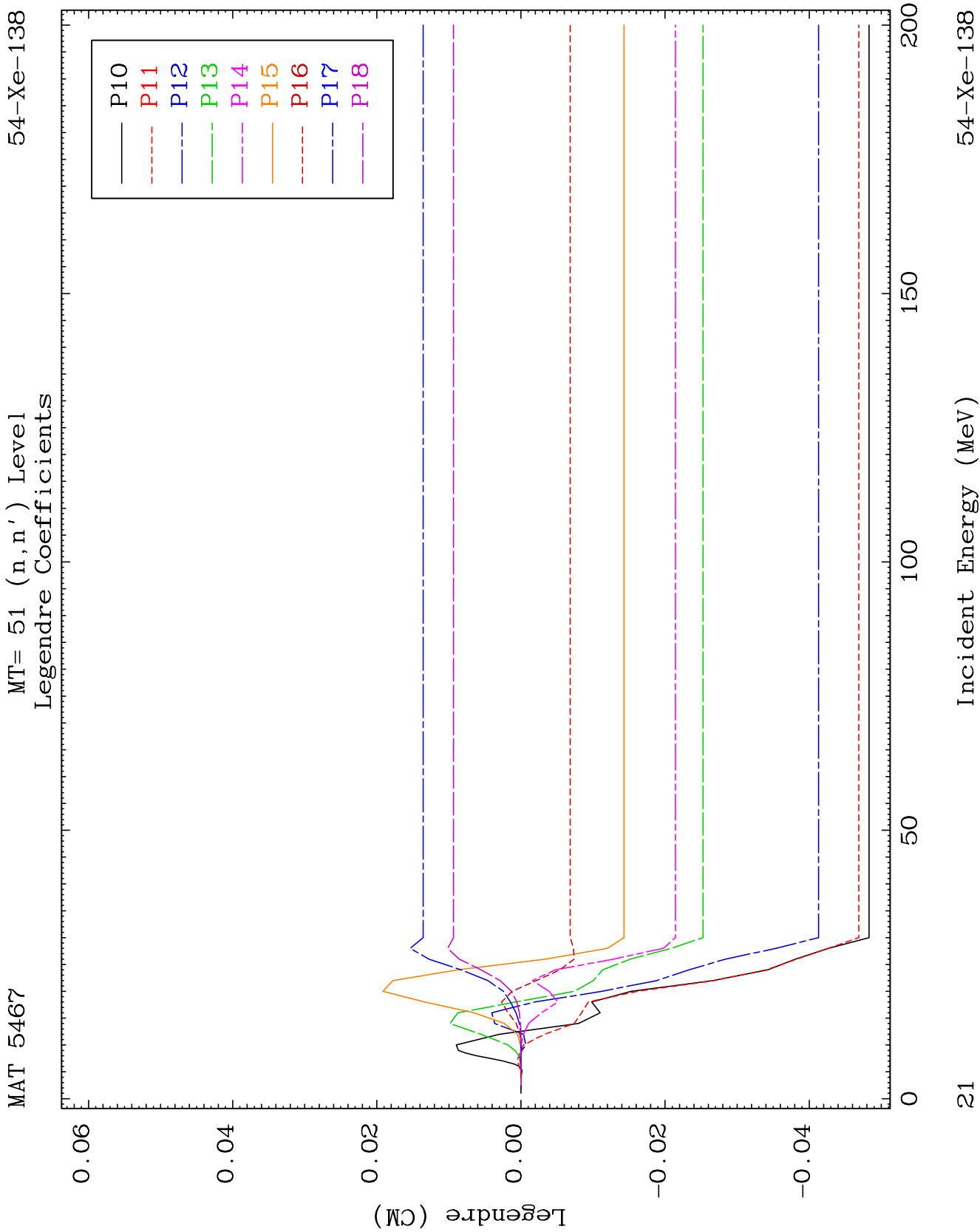






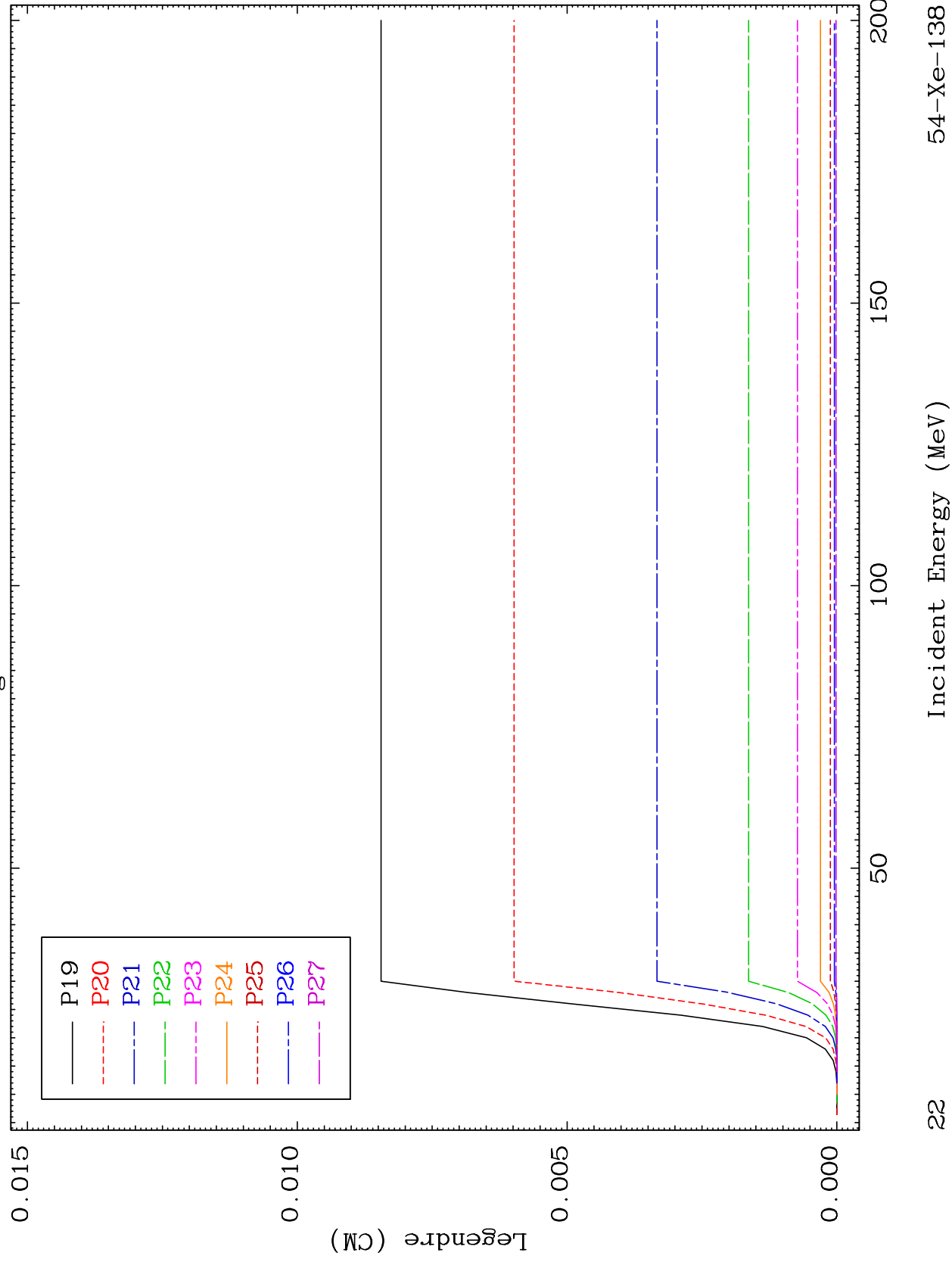


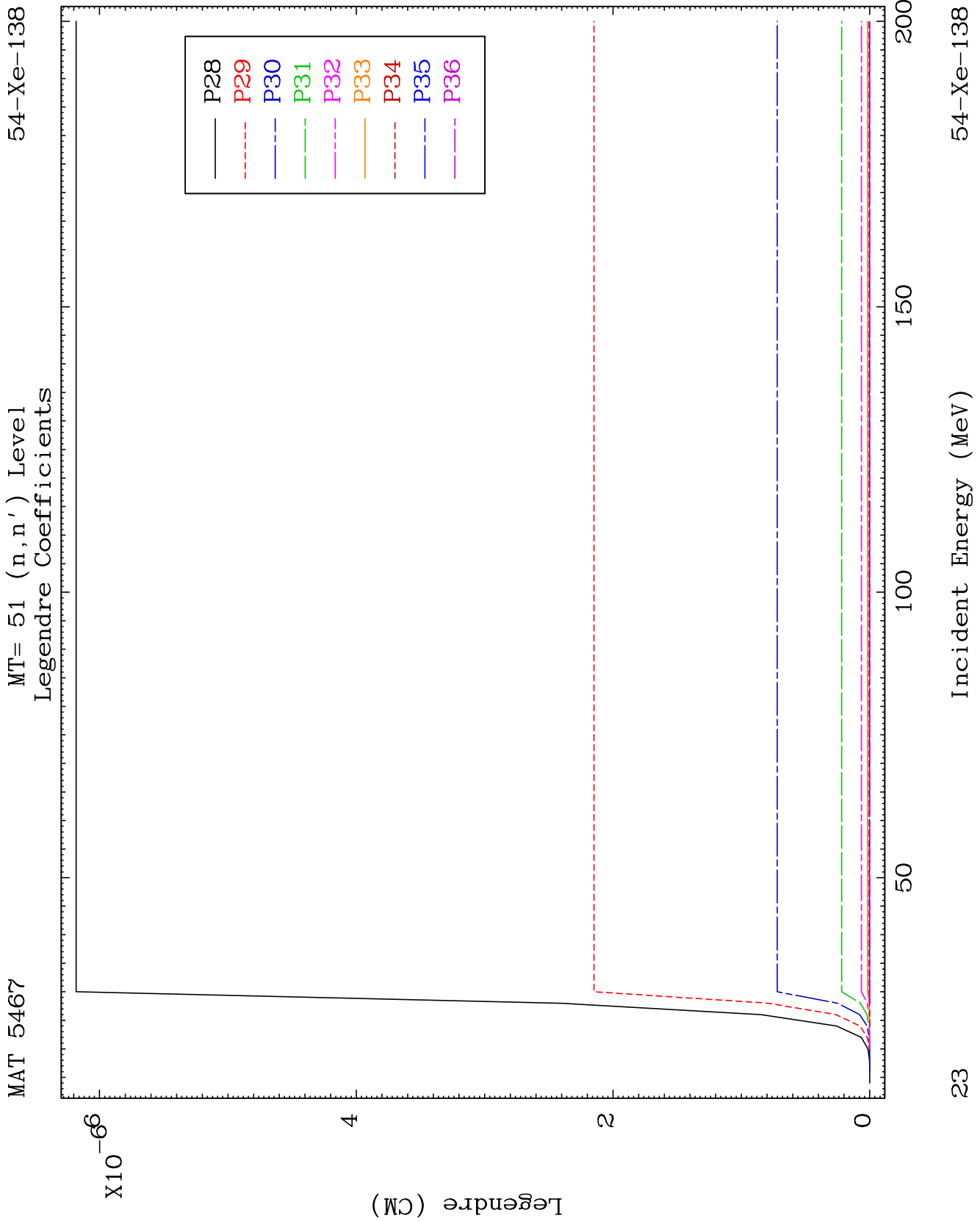




MAT 5467

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

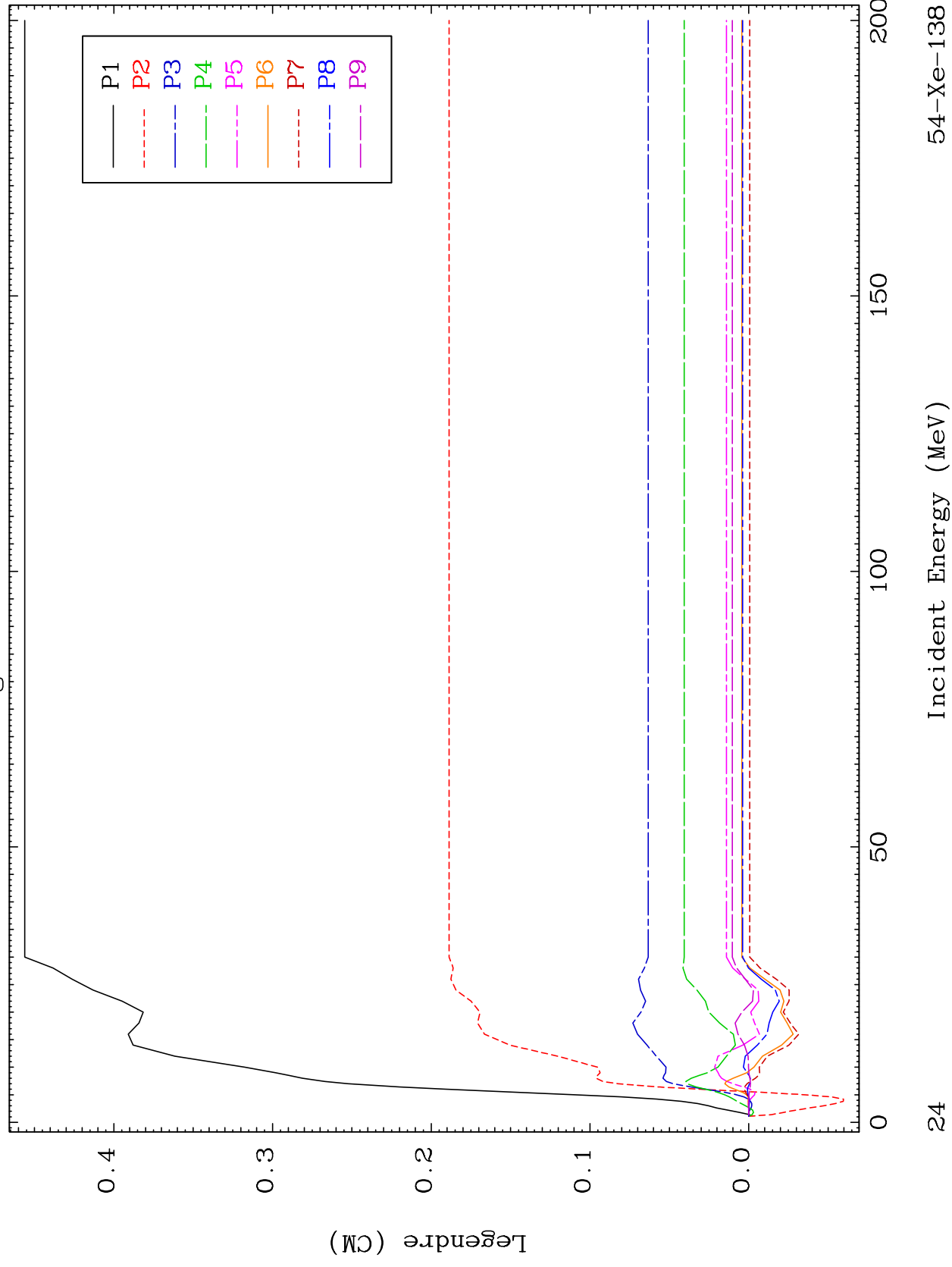
 $^{54}\text{-Xe-138}$ 



MAT 5467

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

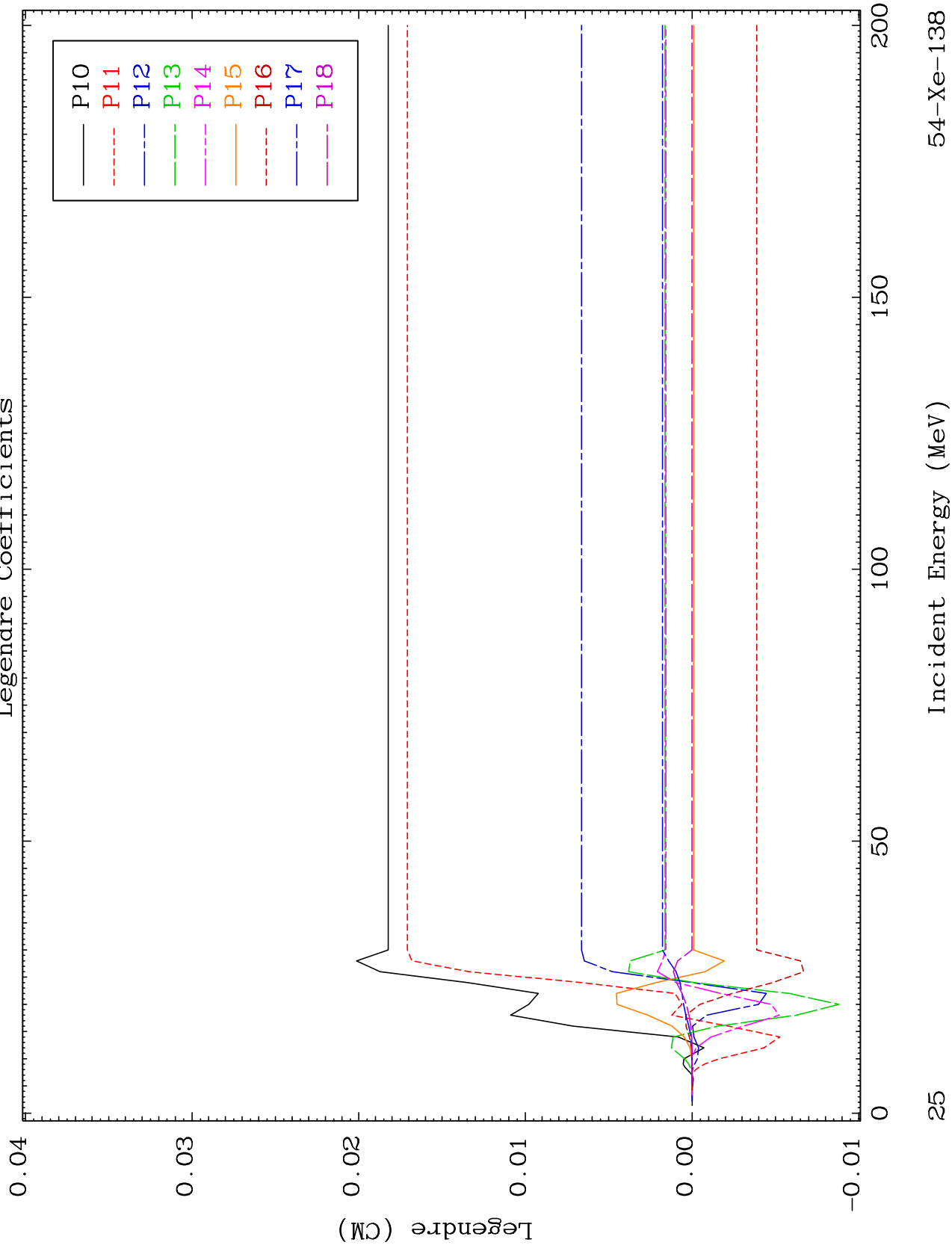
54-Xe-138

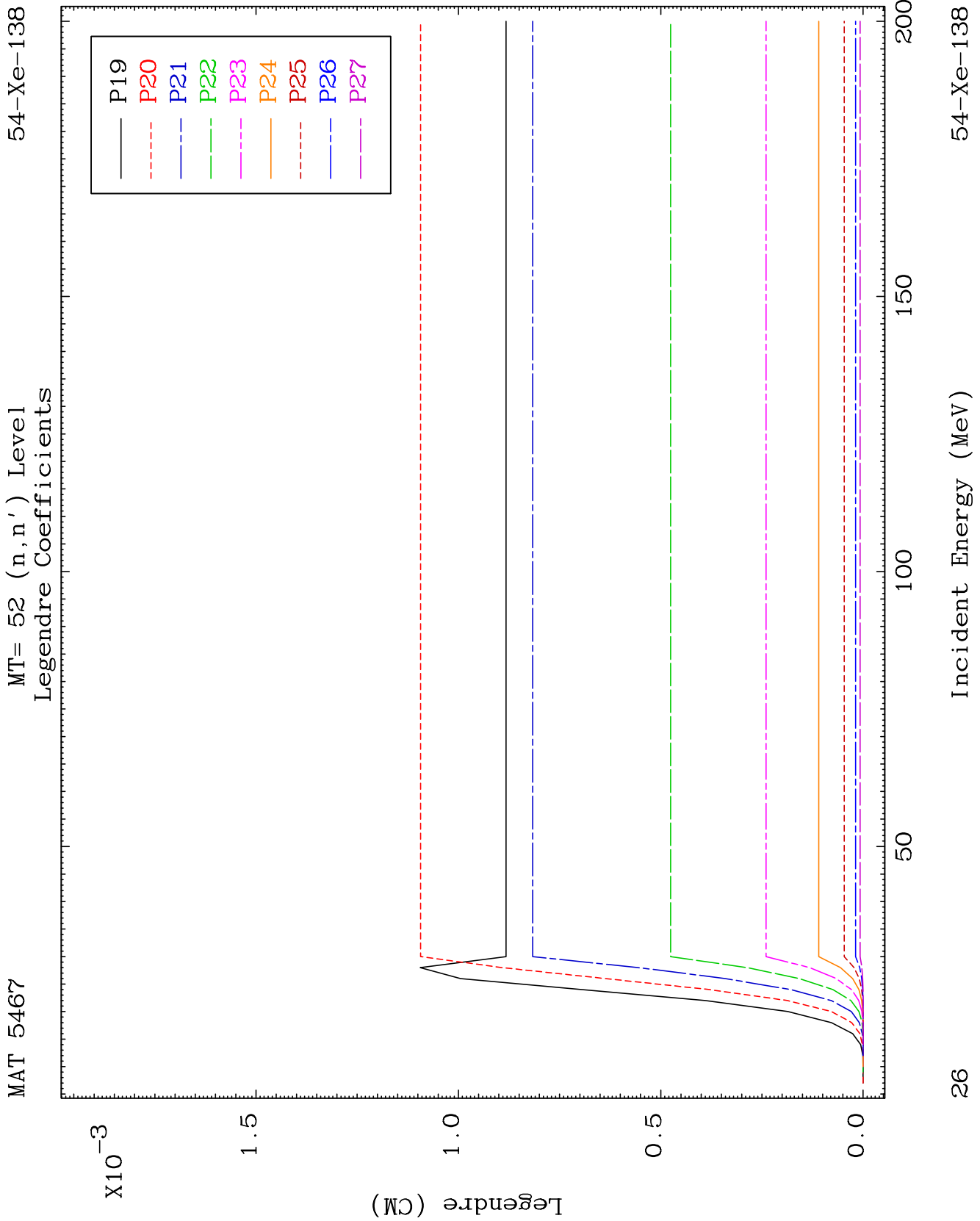


MAT 5467

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

54-Xe-138

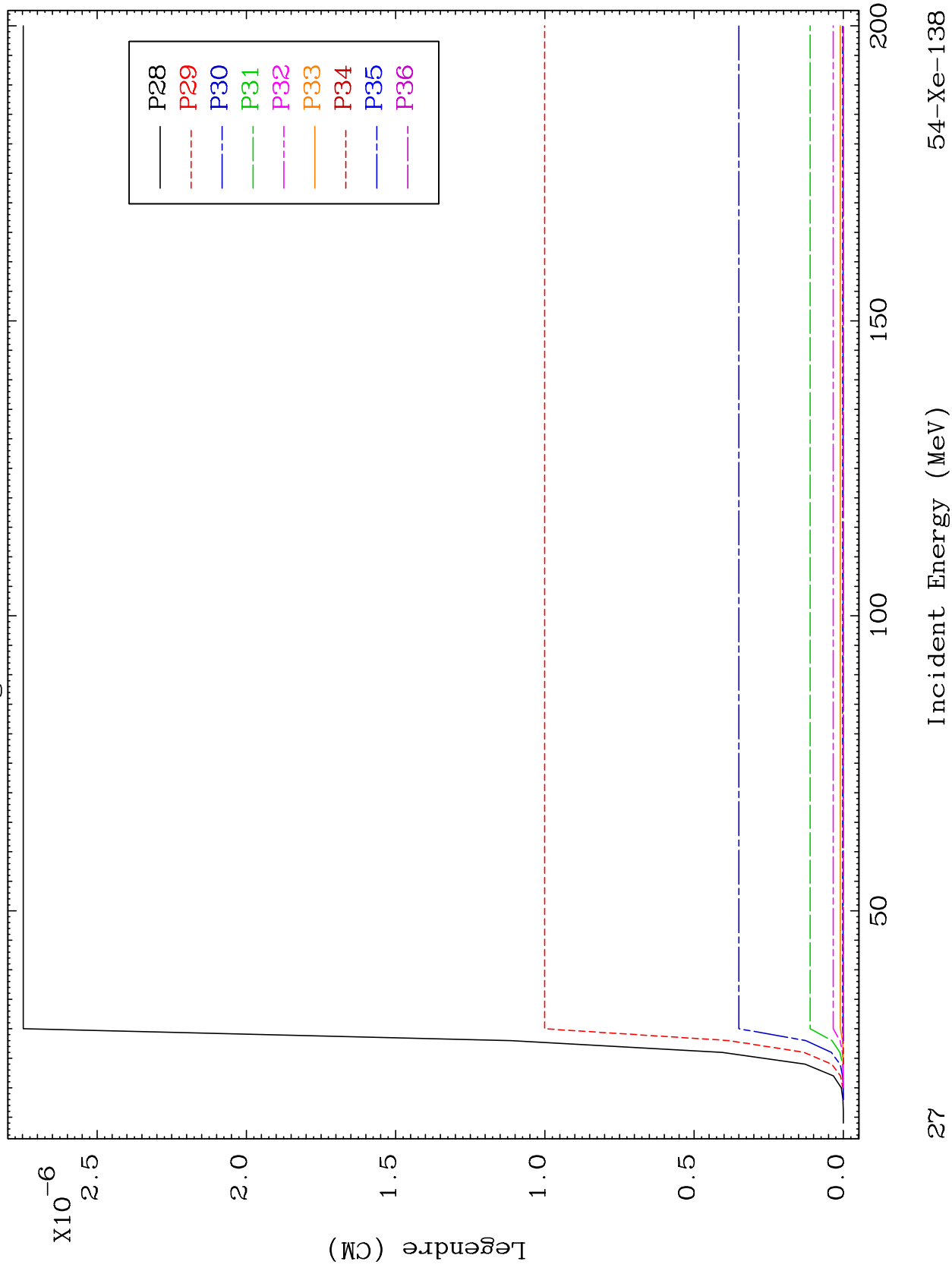




MAT 5467

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

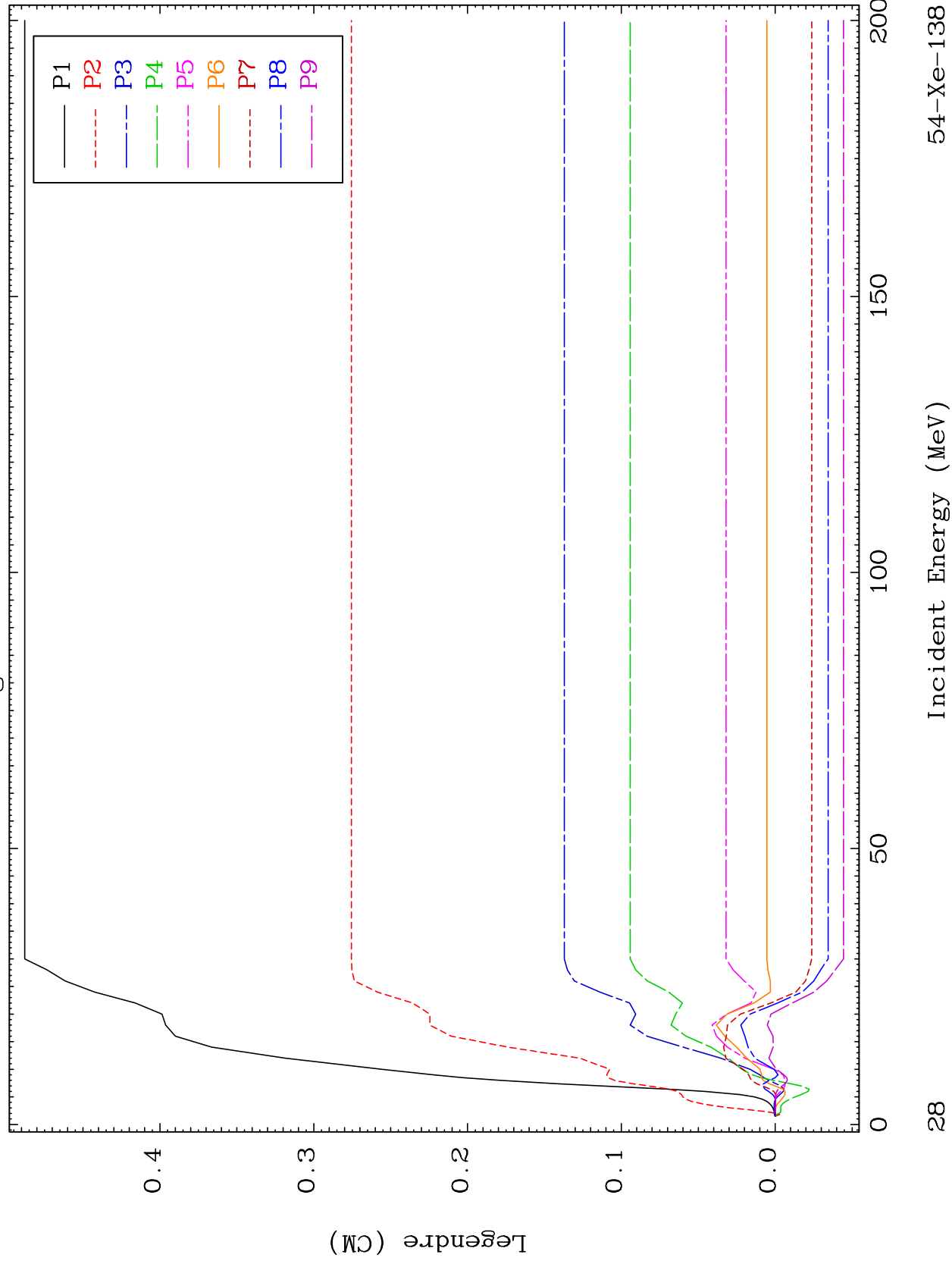
54-Xe-138

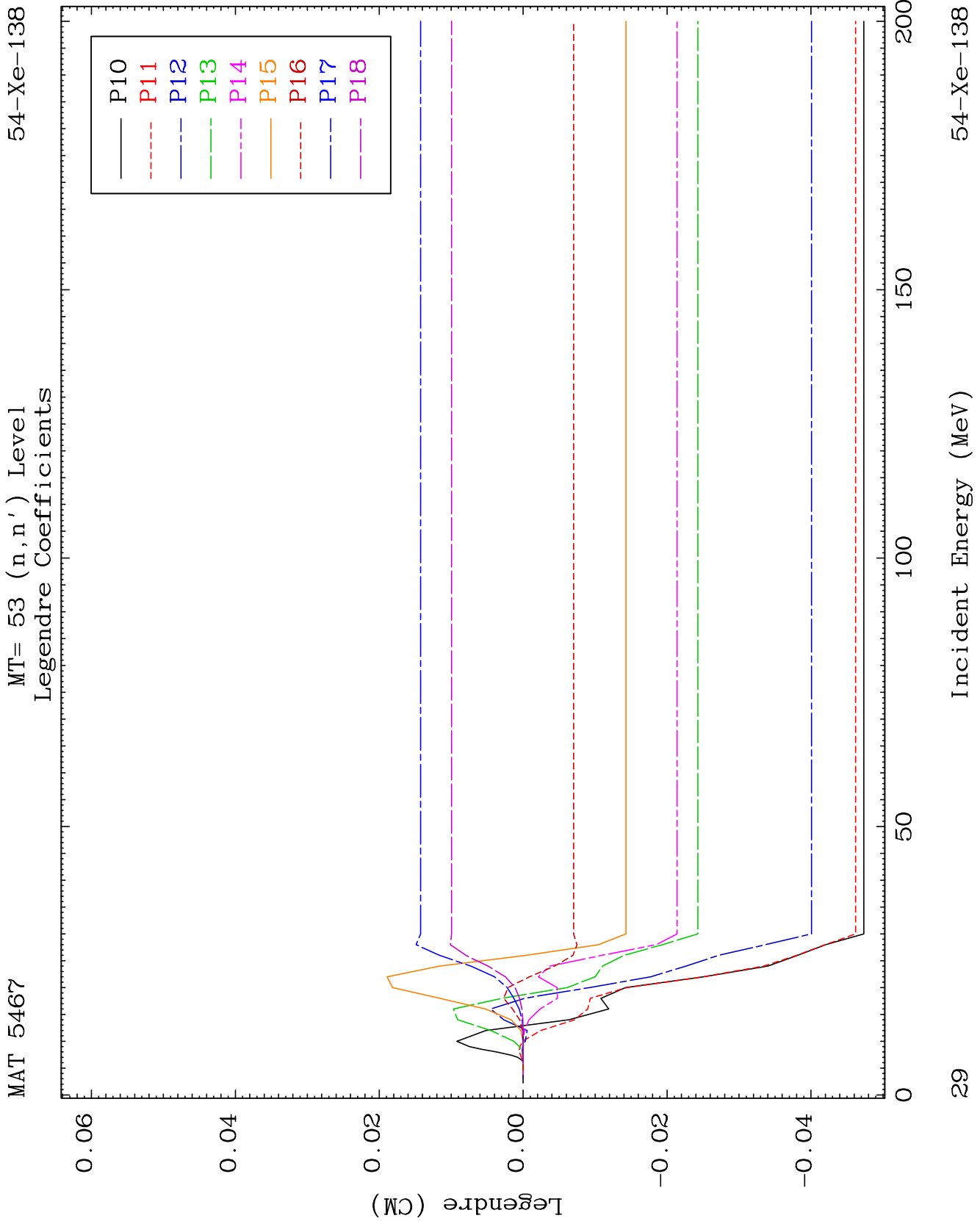


MAT 5467

54-Xe-138

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

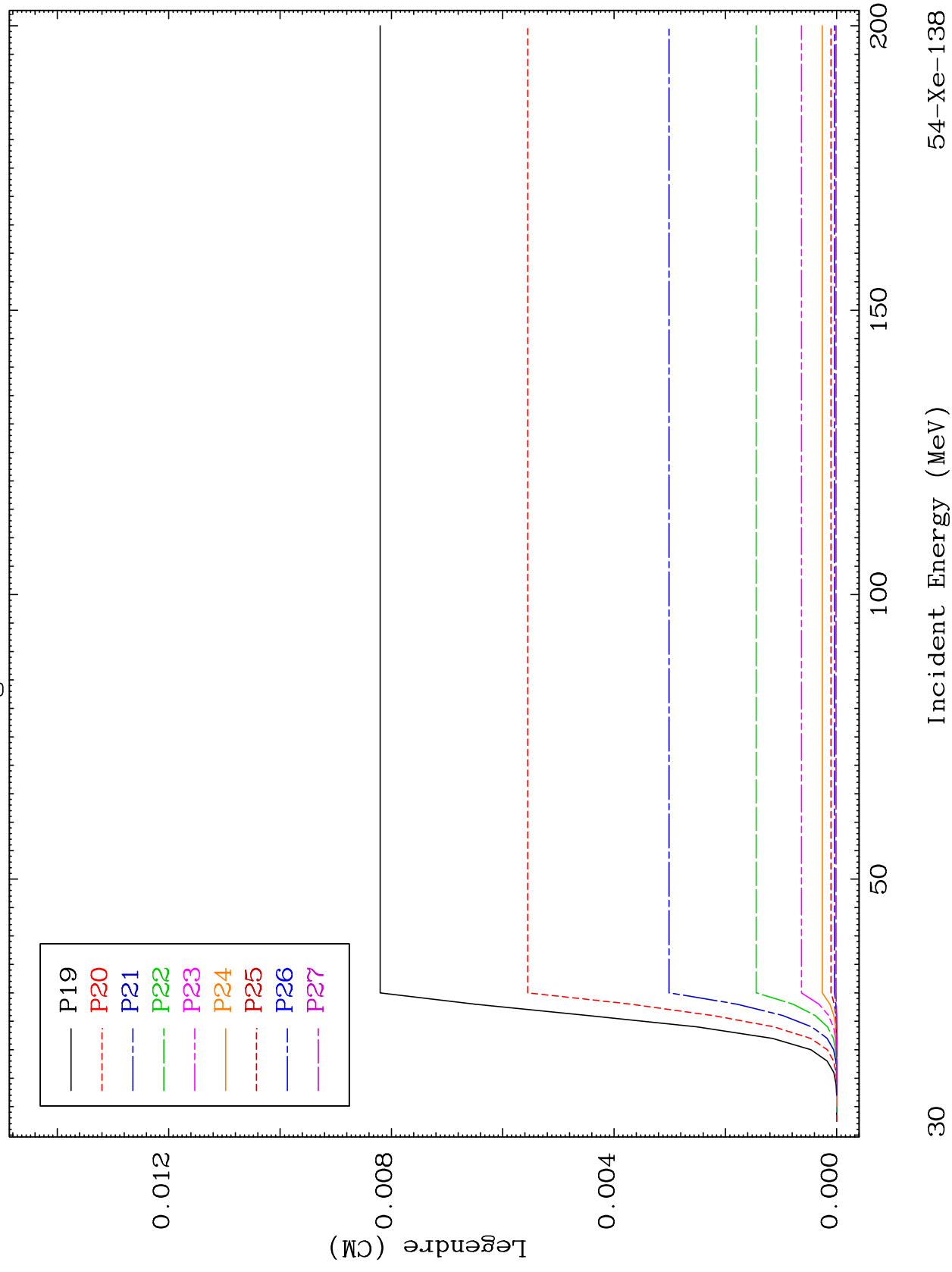


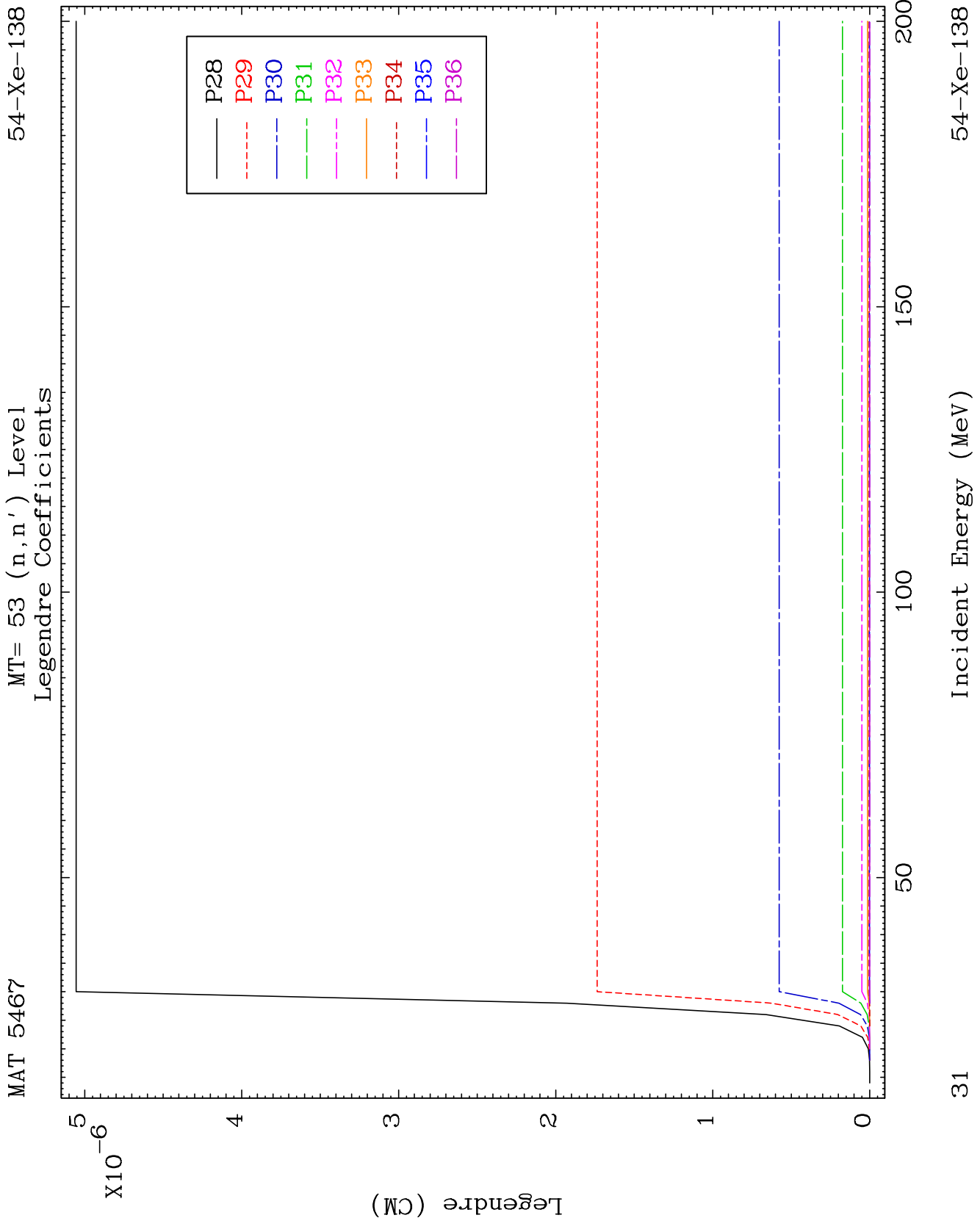


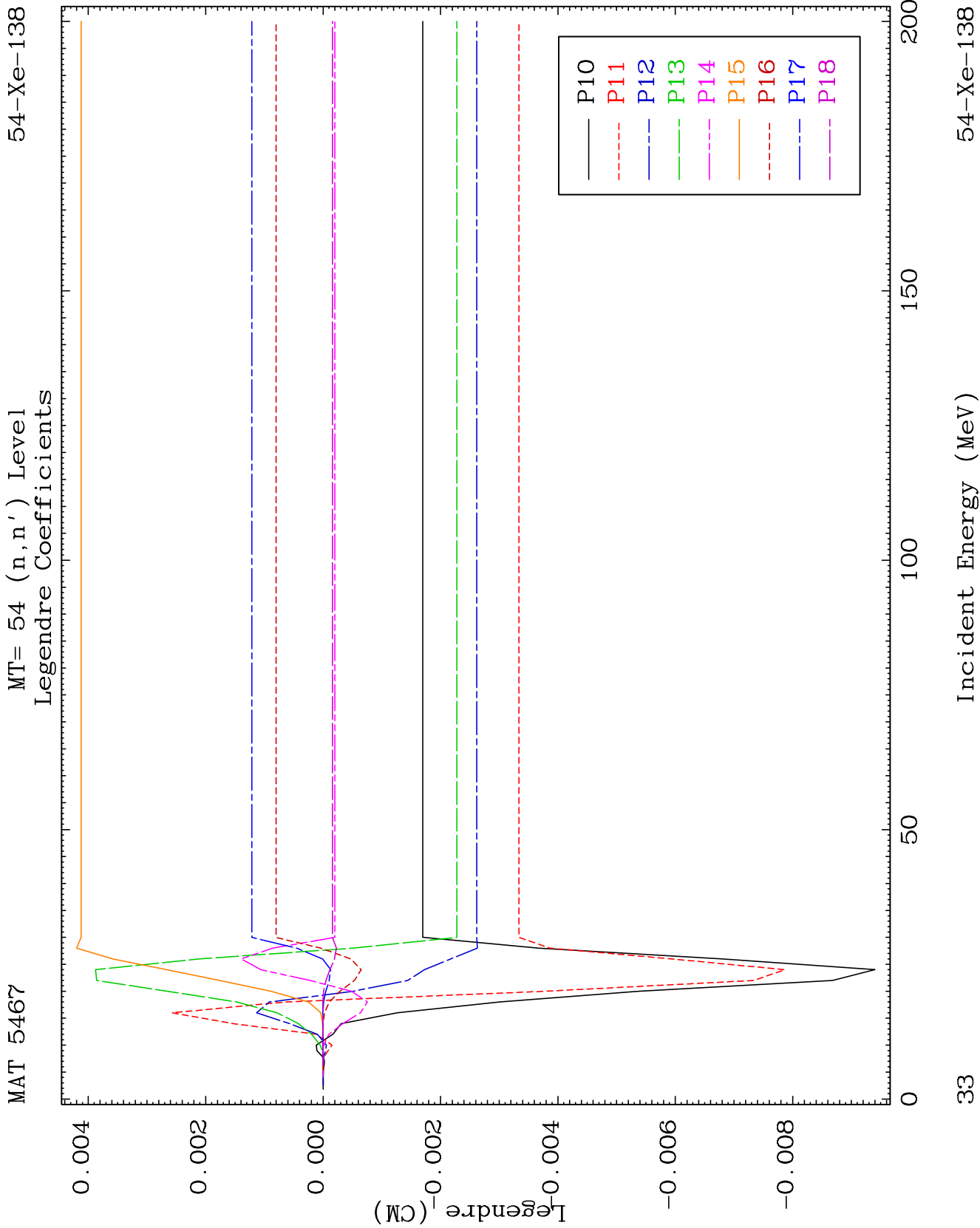
MAT 5467

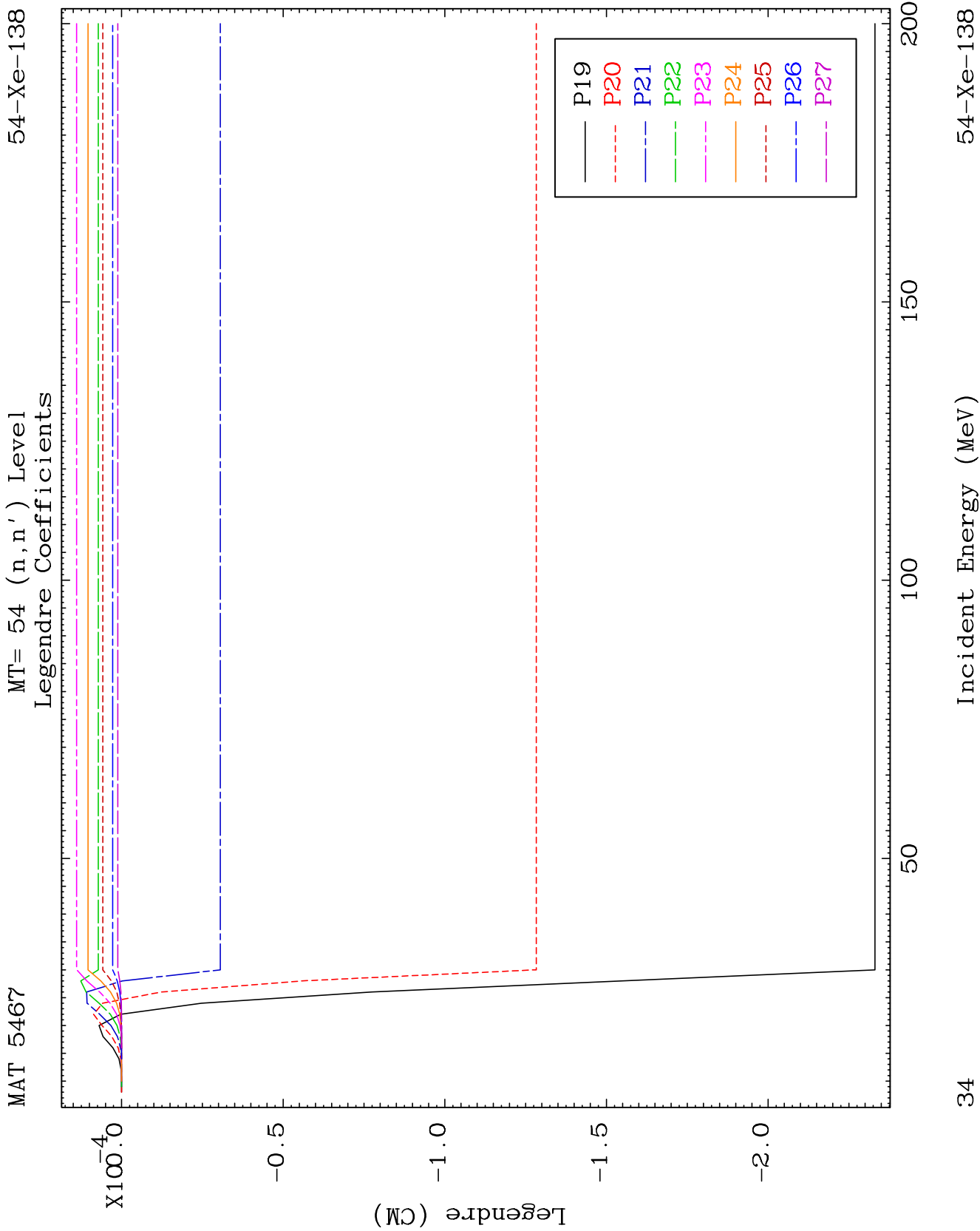
MT= 53 (n, n') Level
Legendre Coefficients

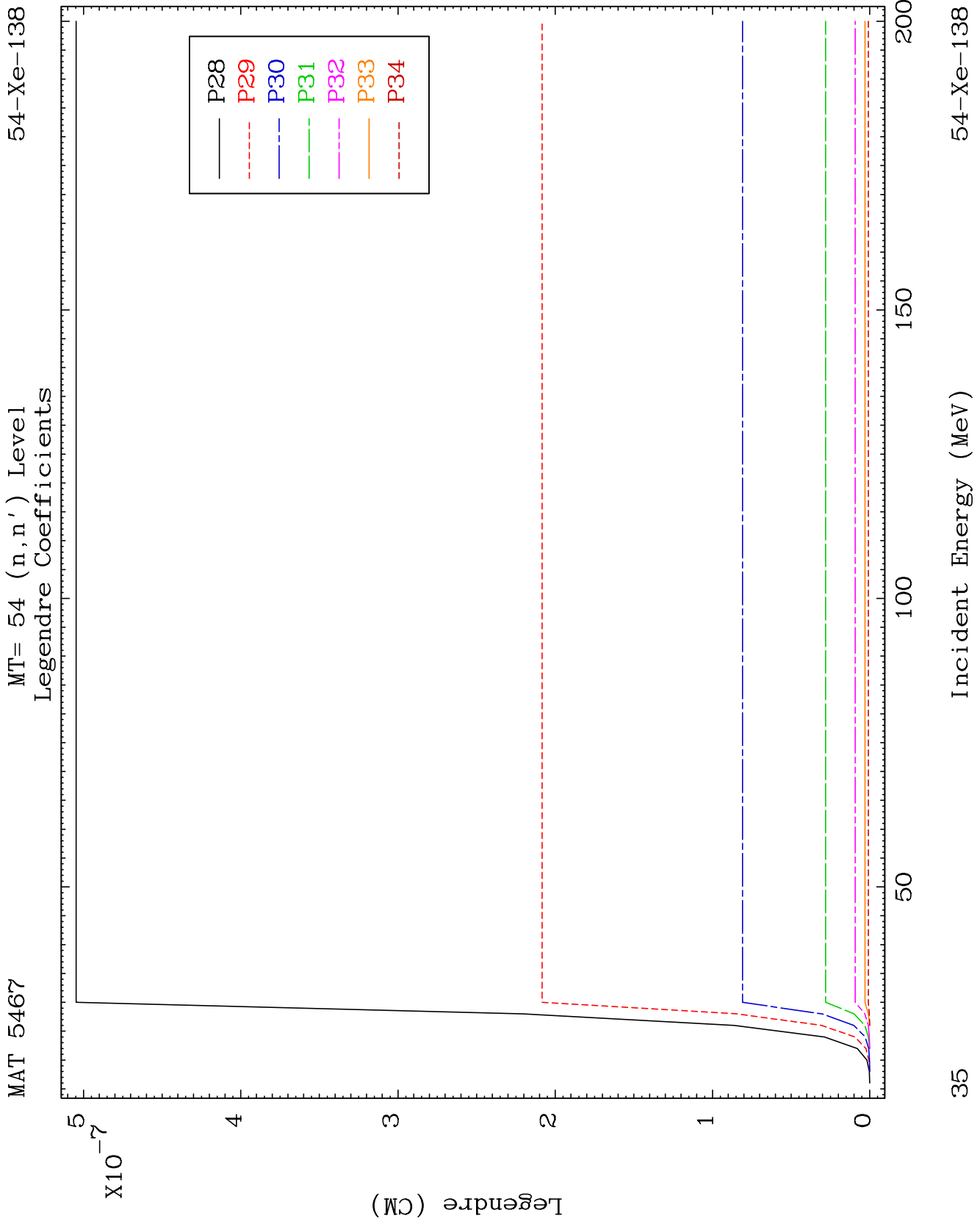
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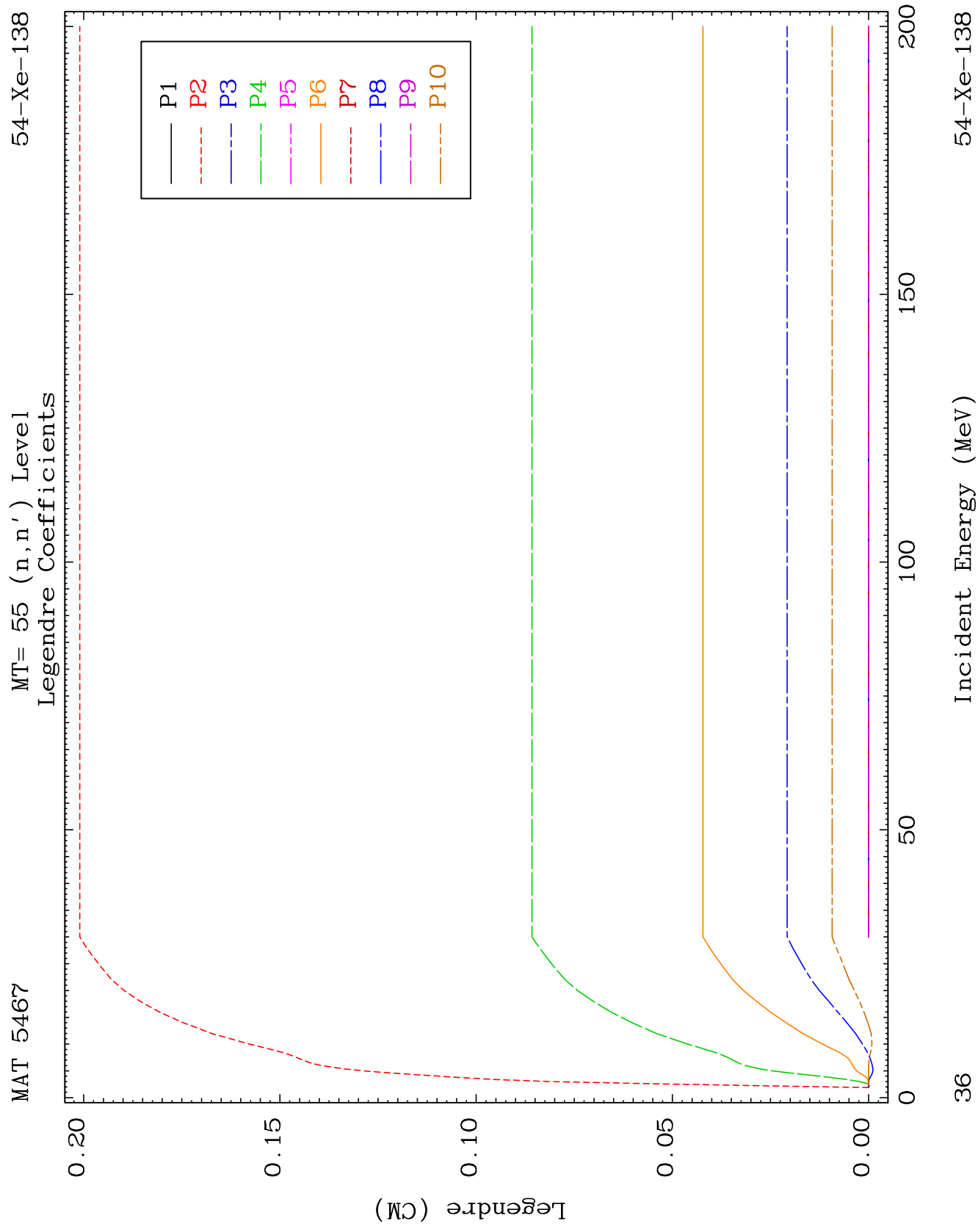


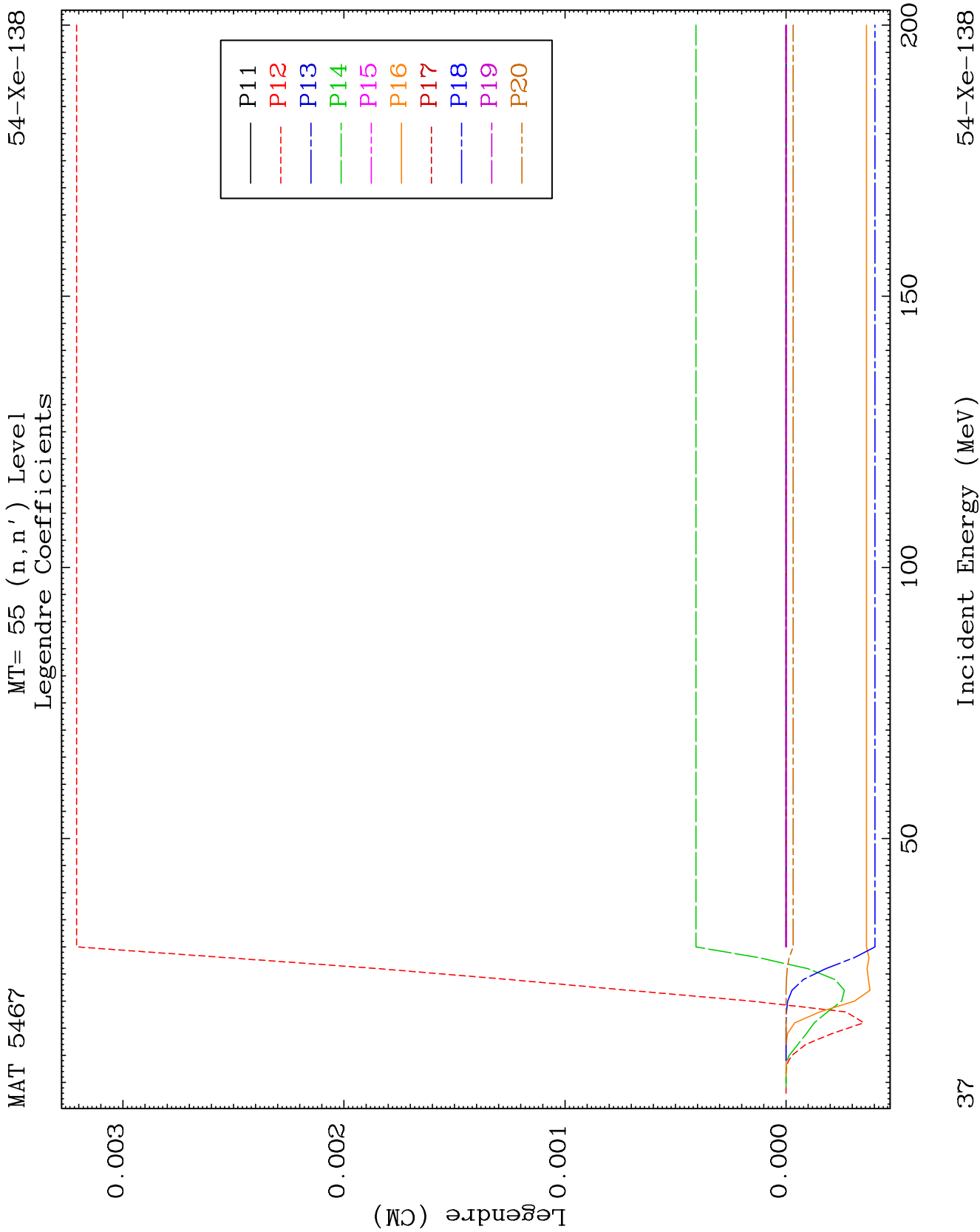


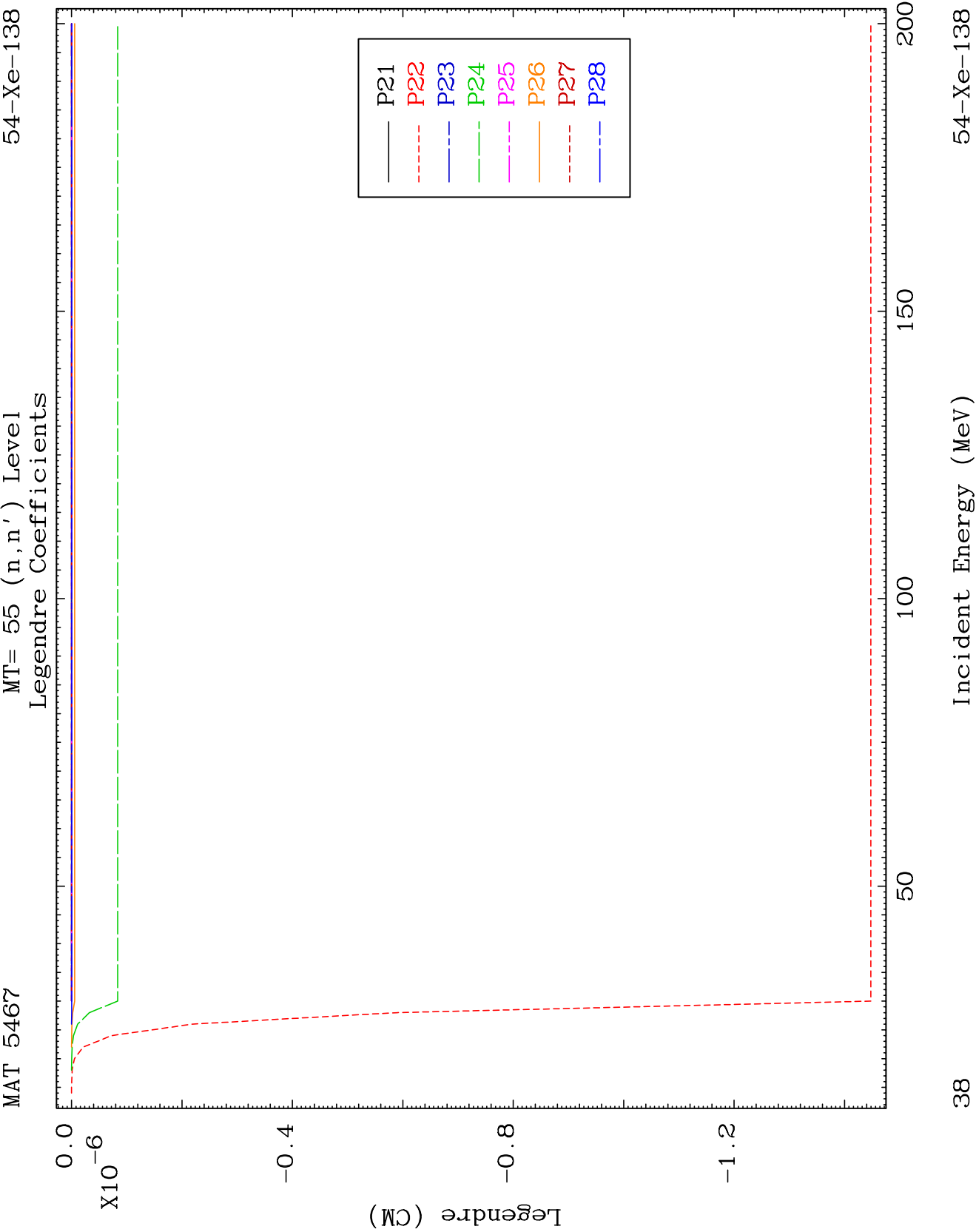


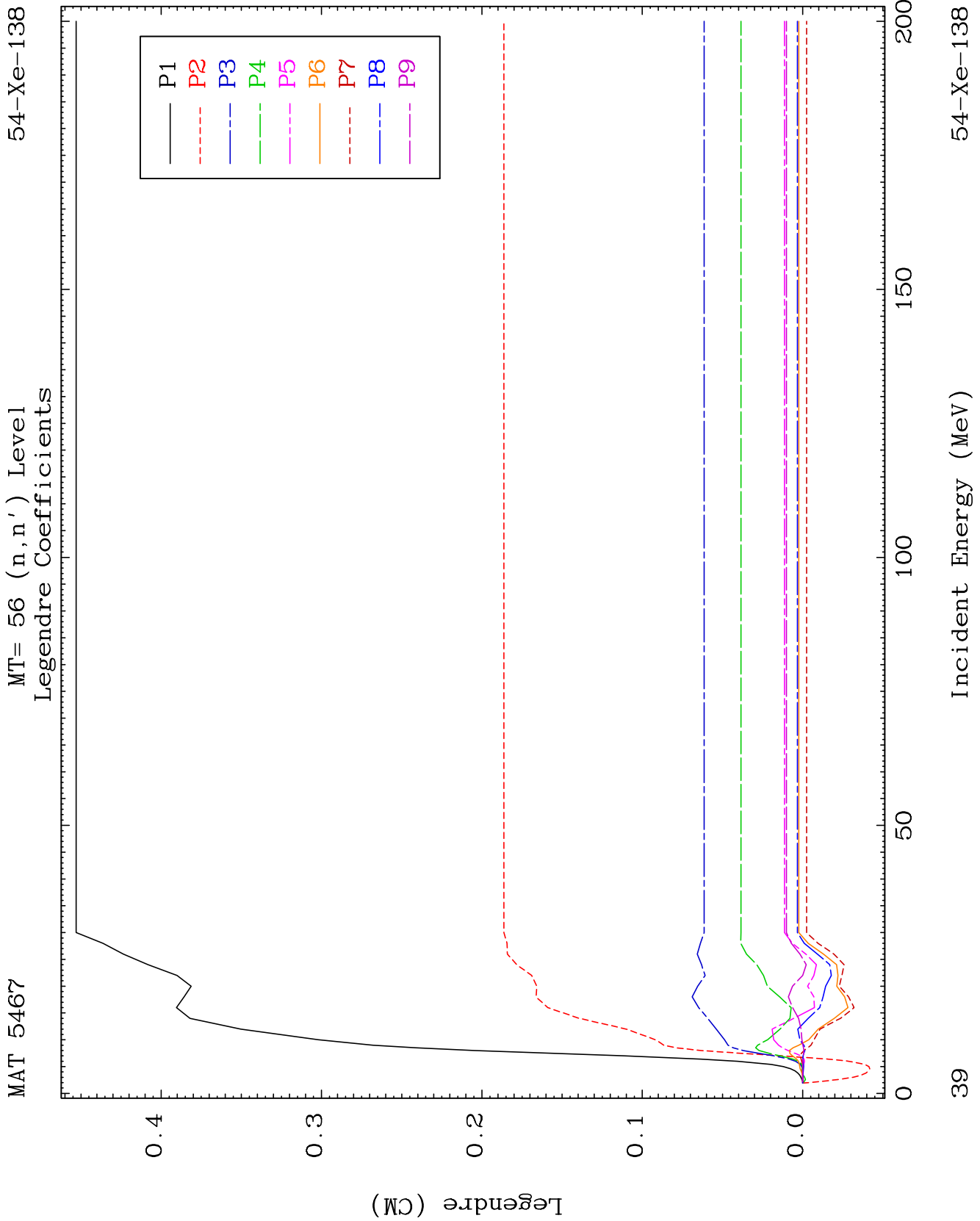


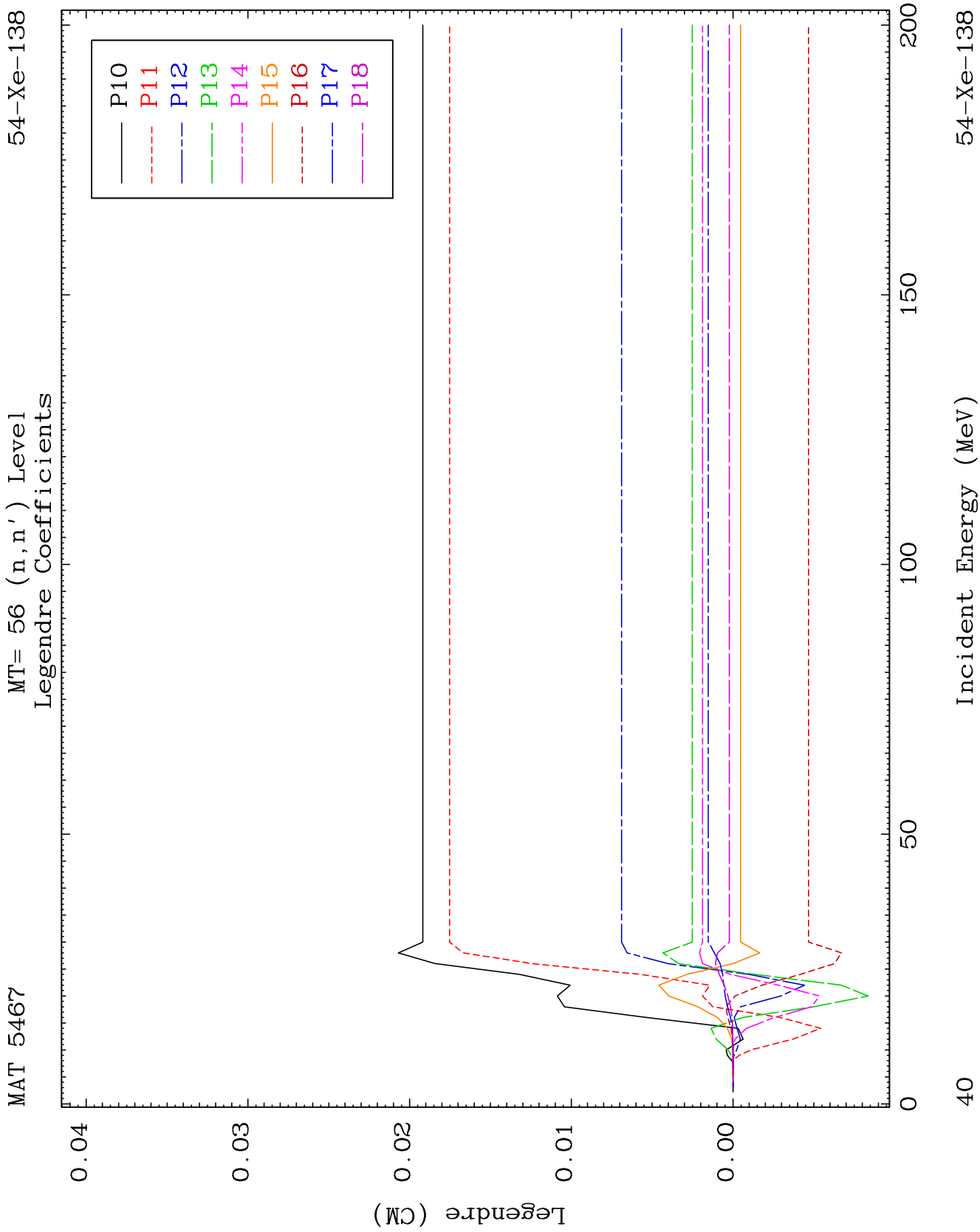


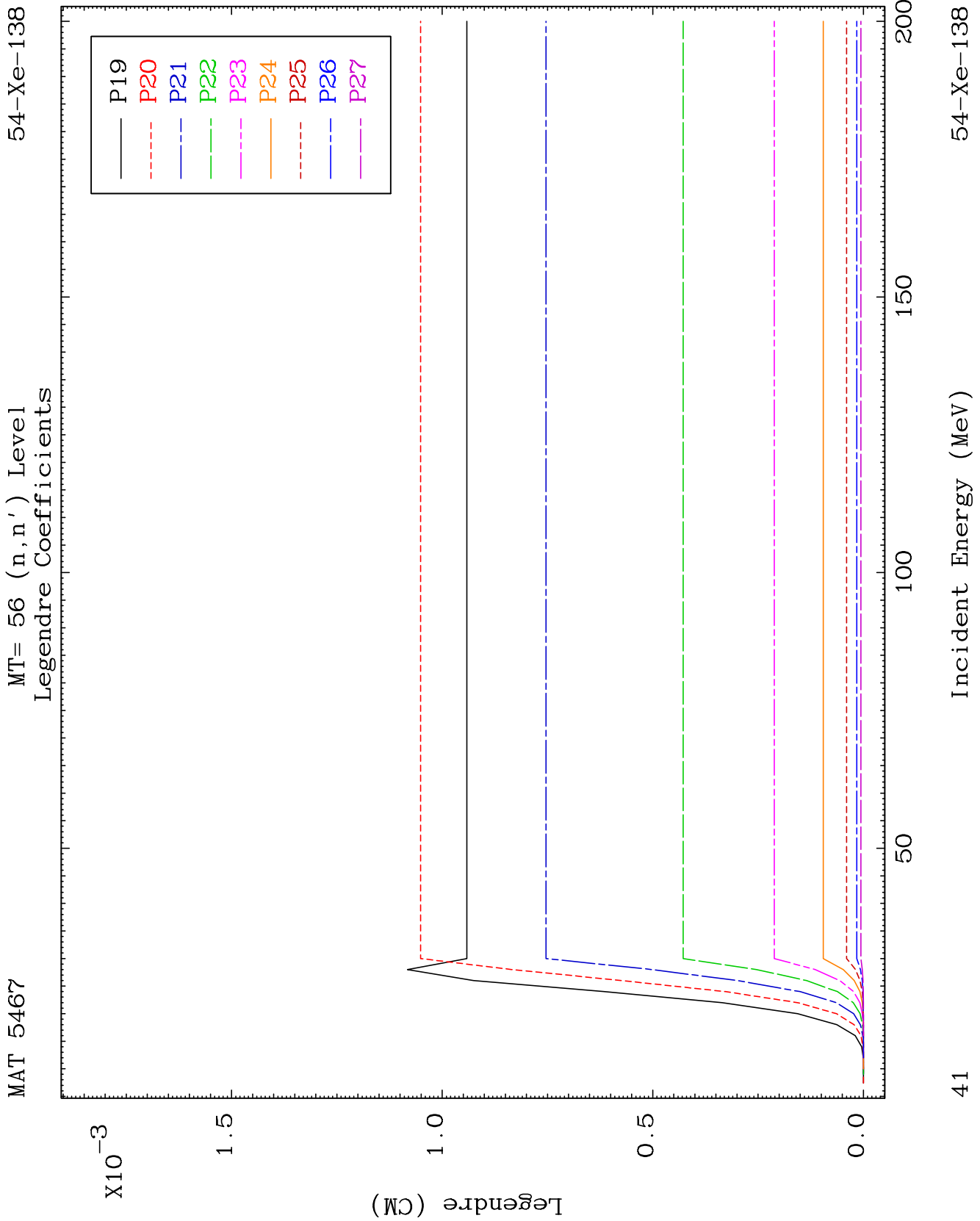


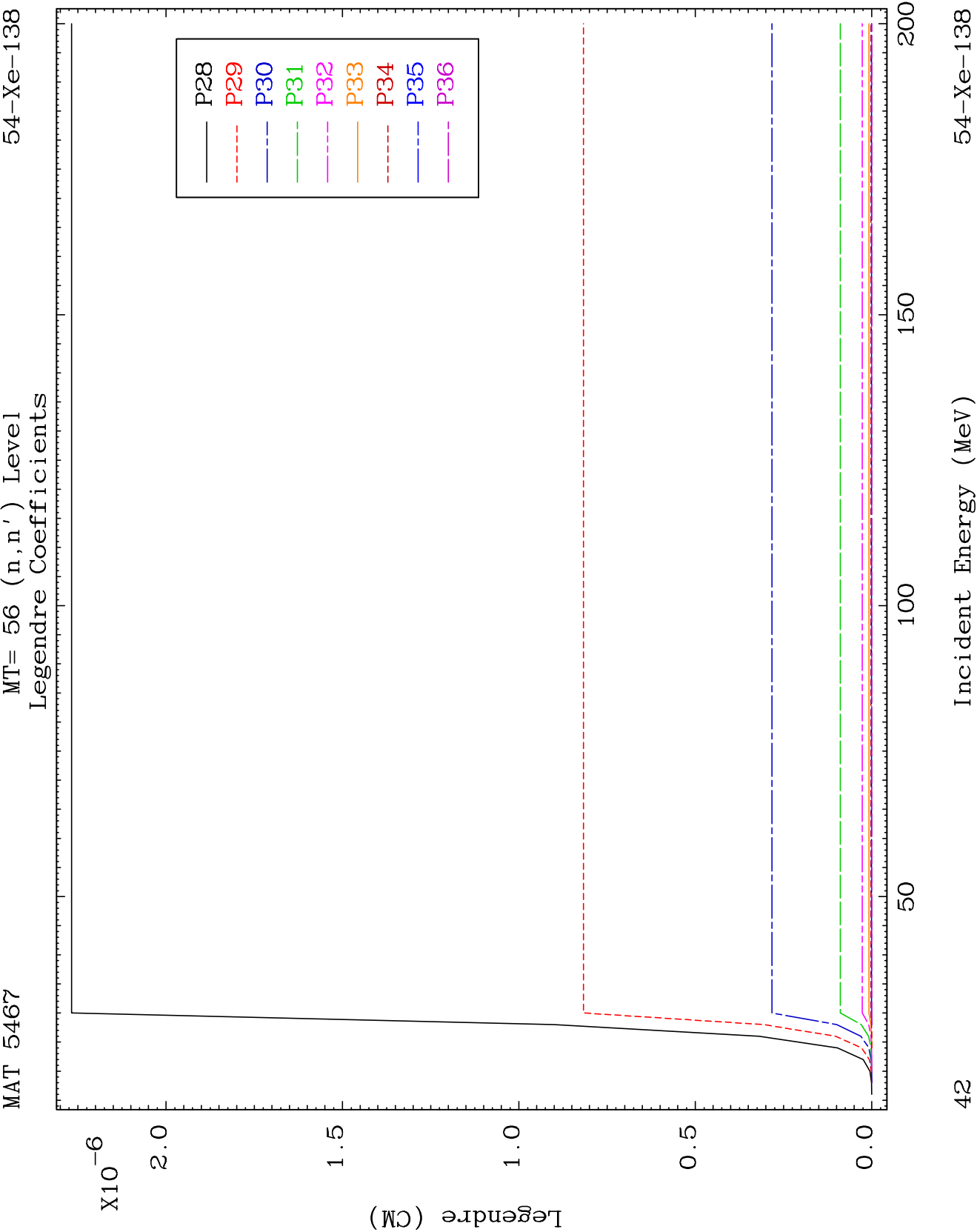


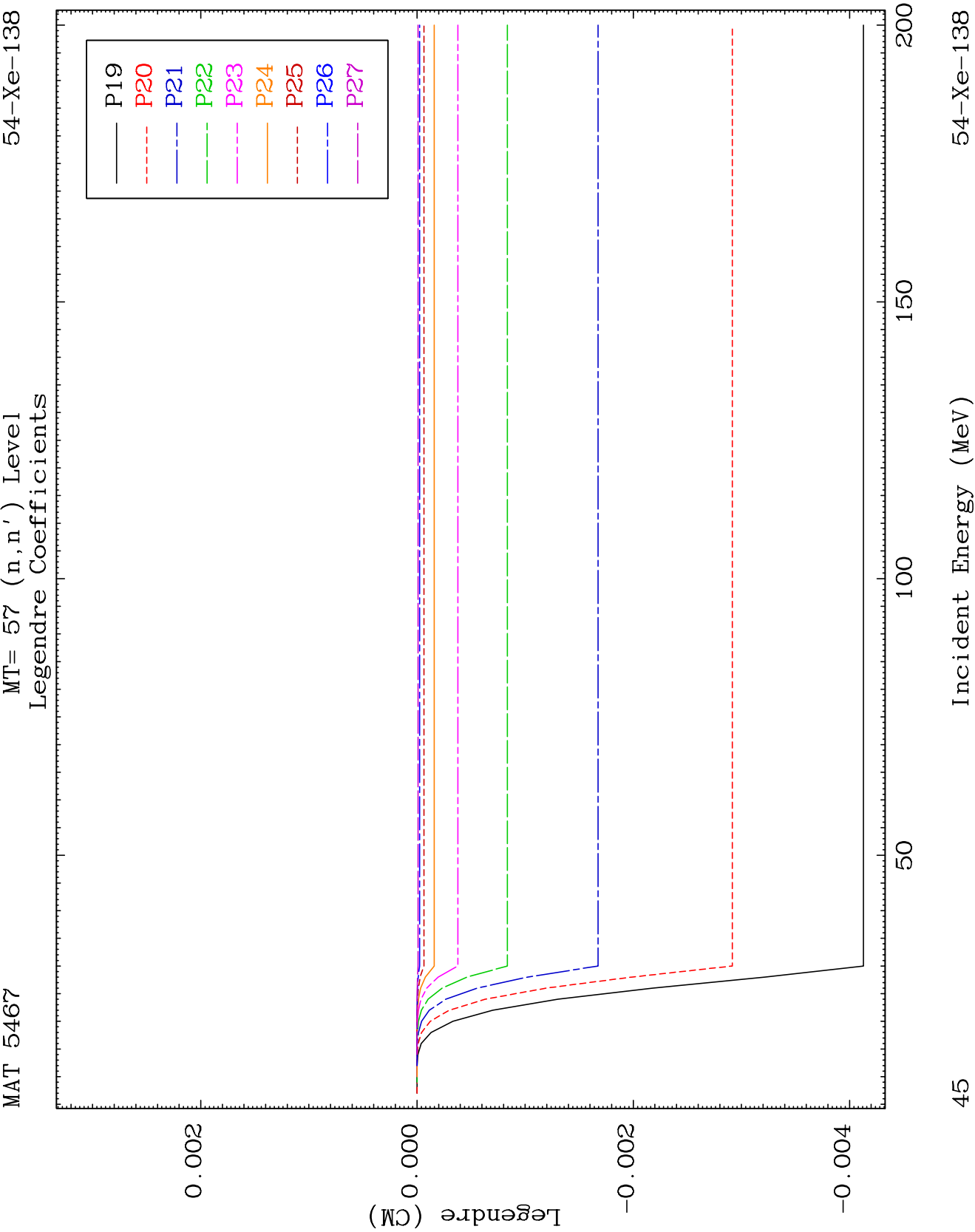


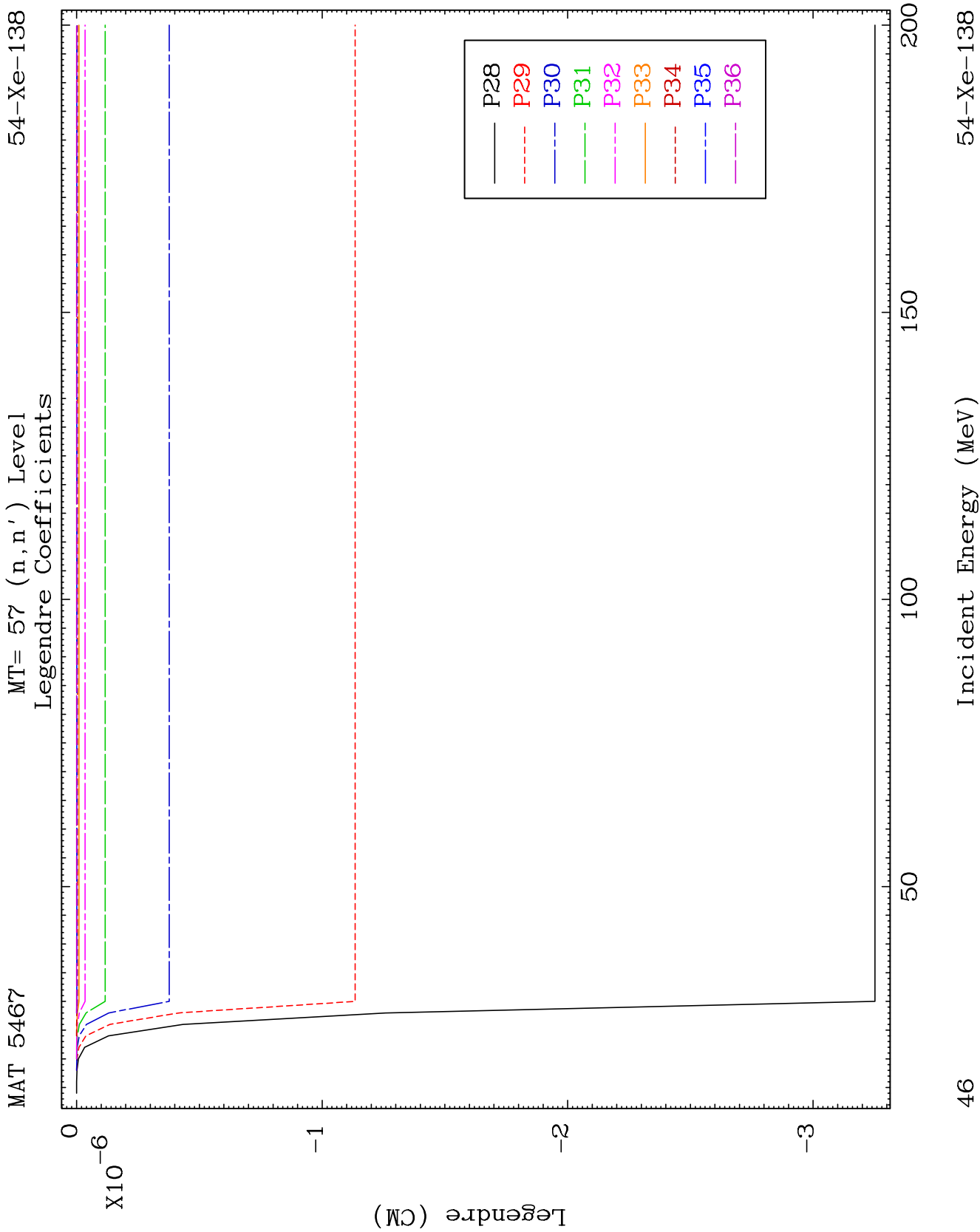


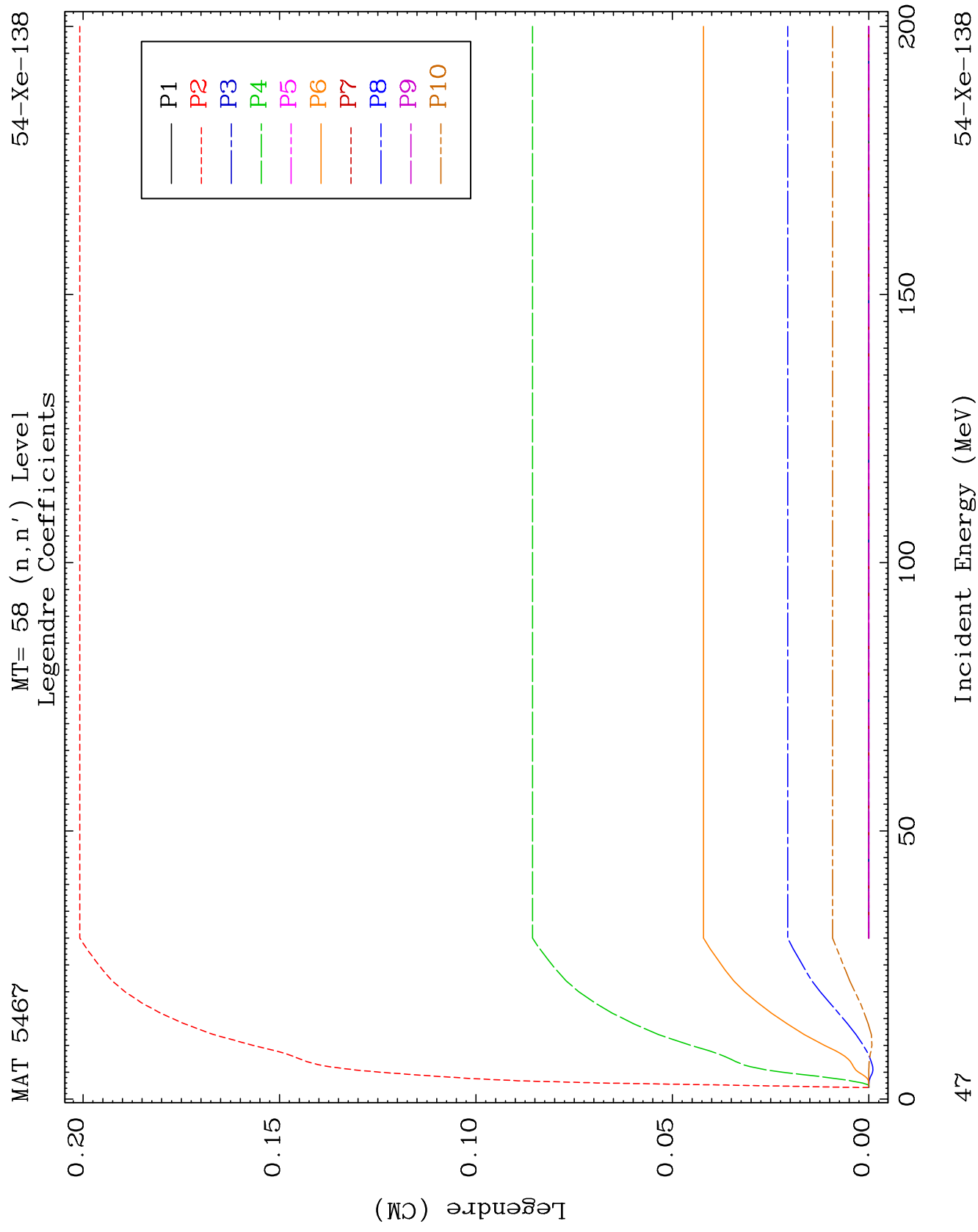


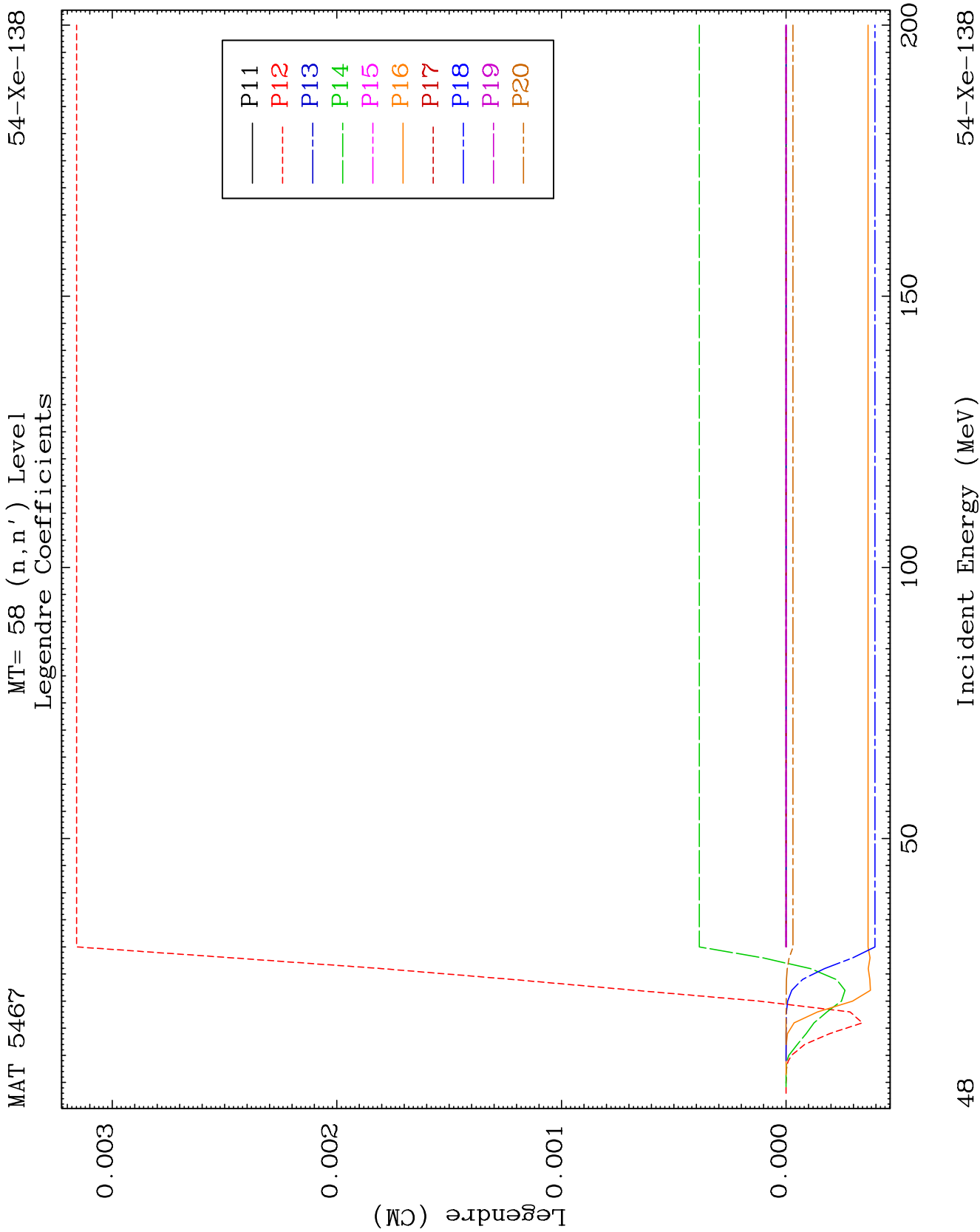


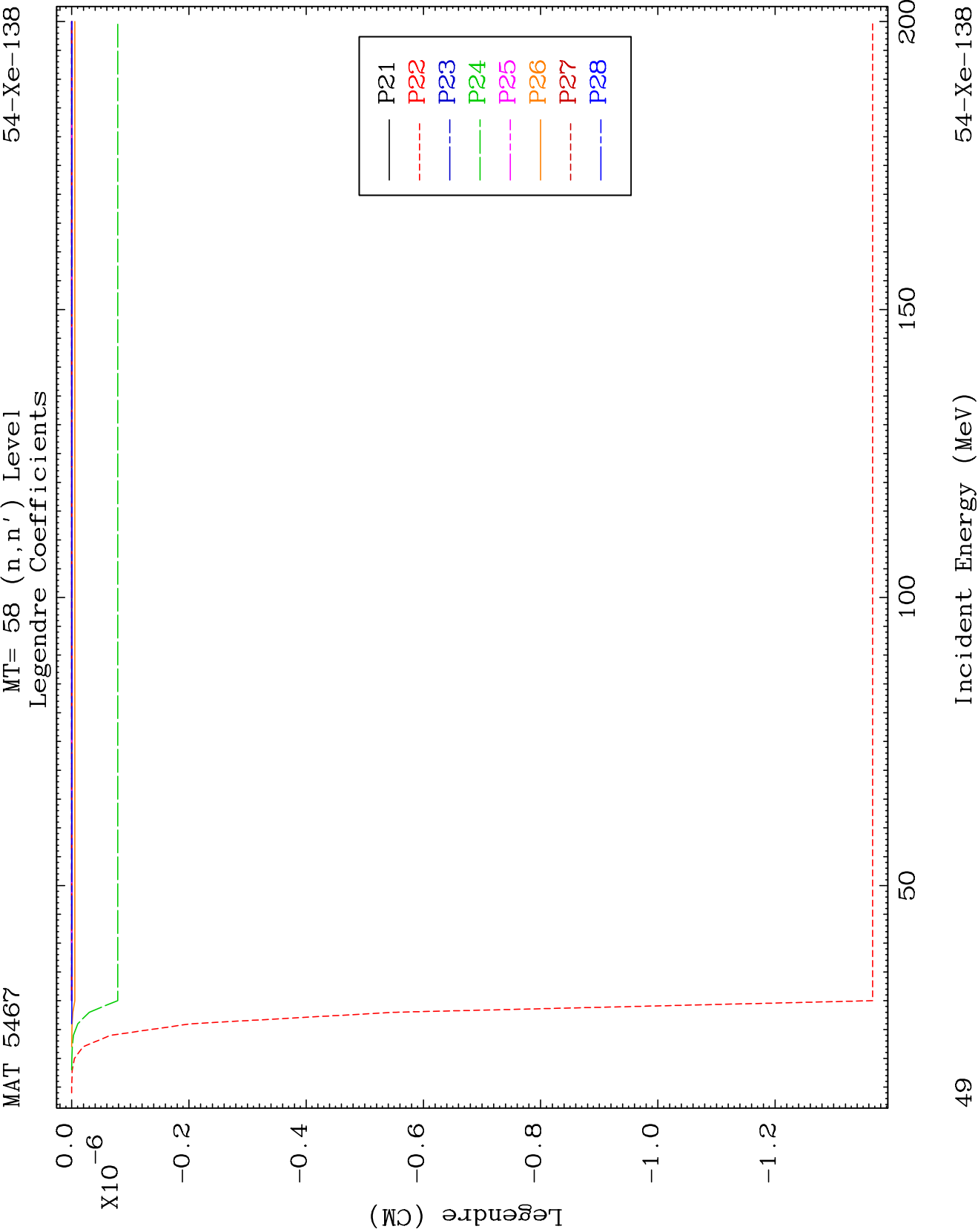


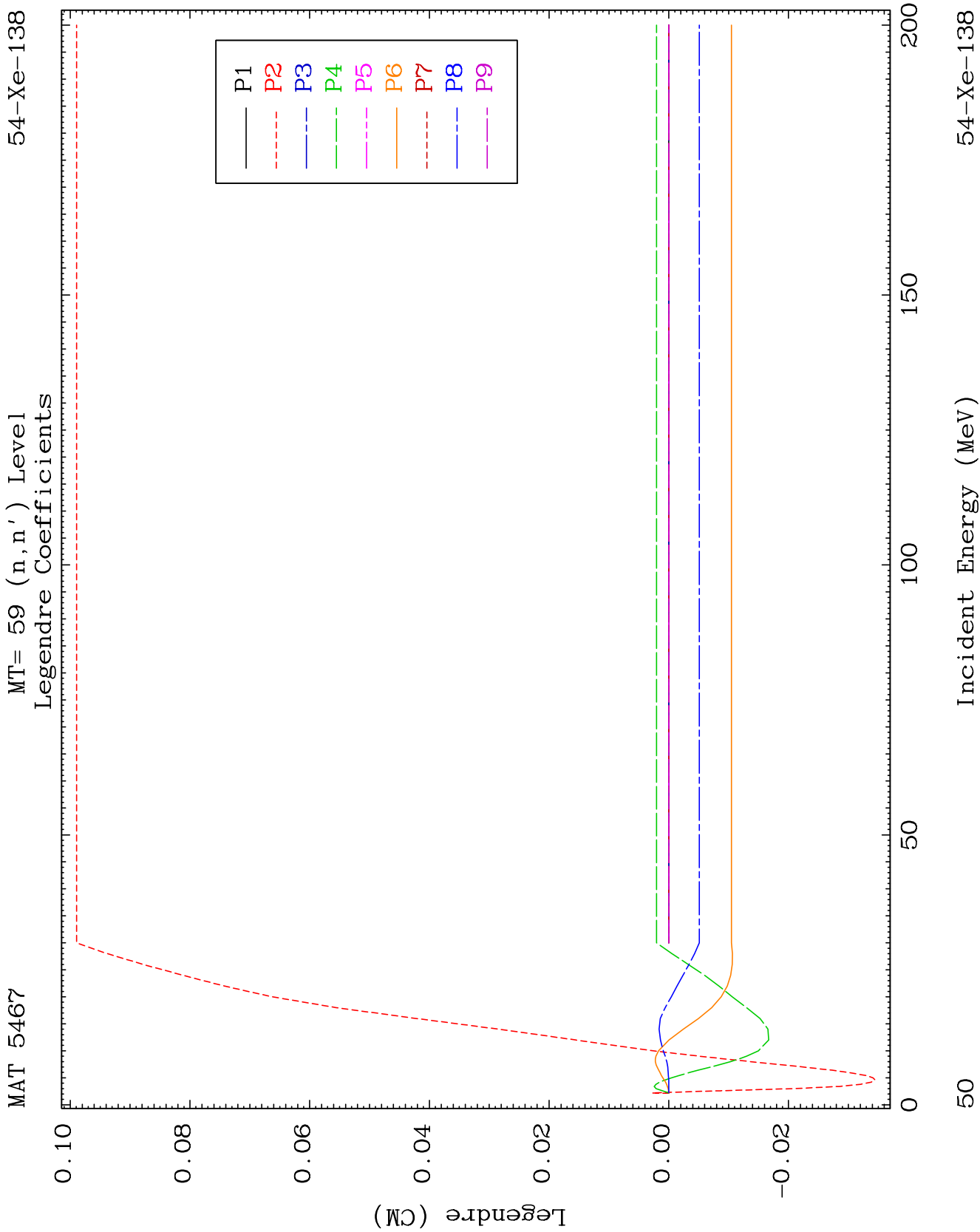








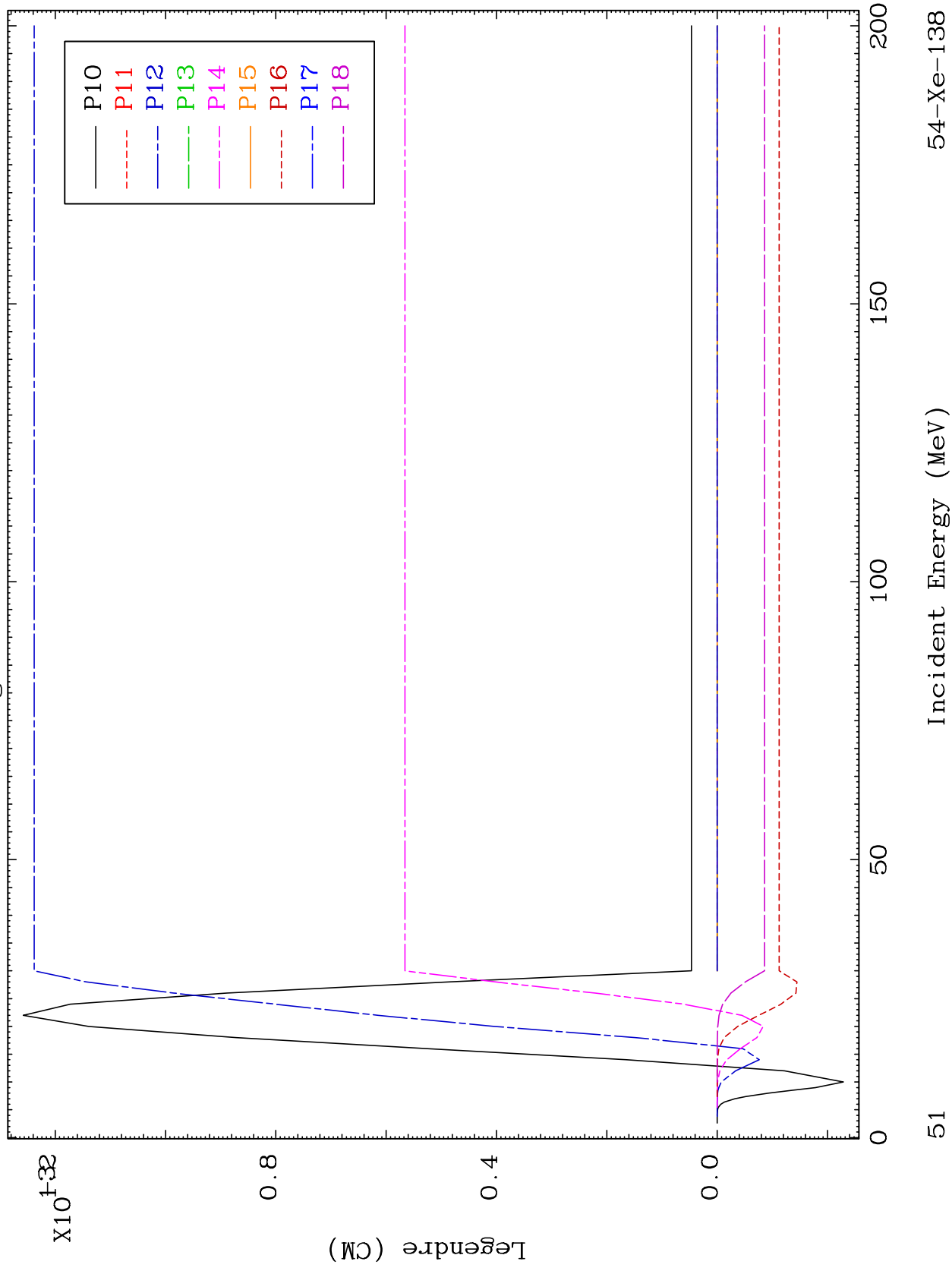


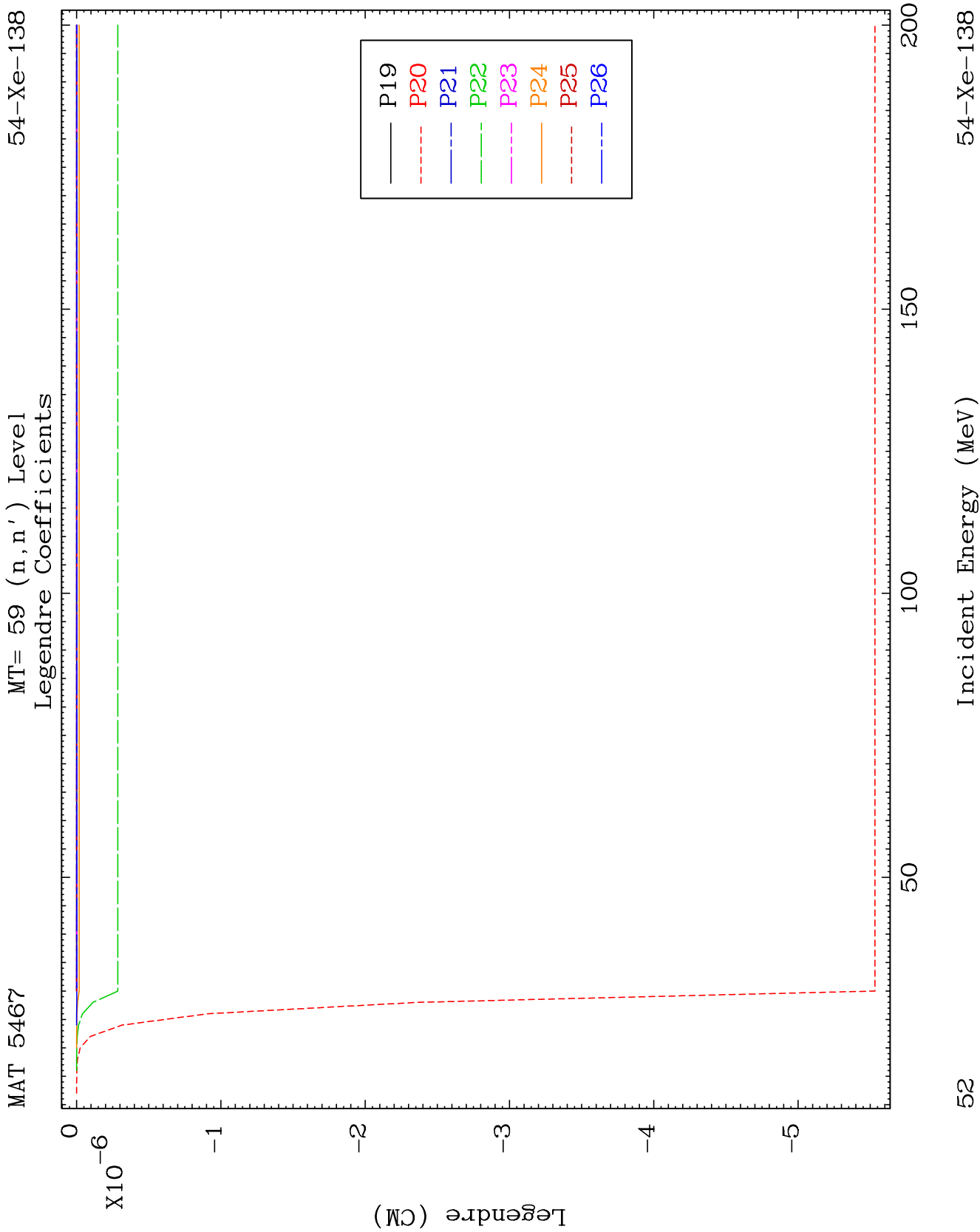


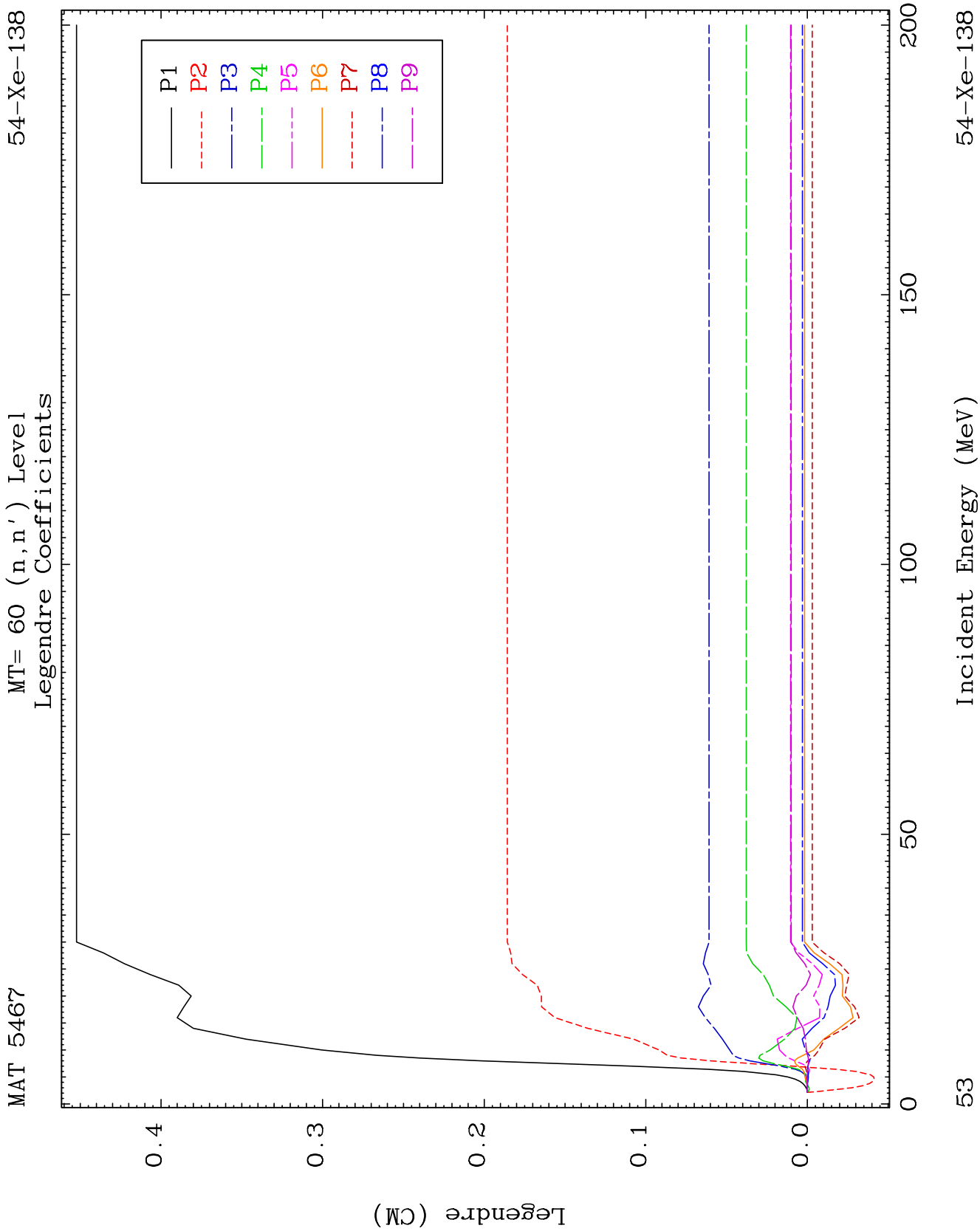
MAT 5467

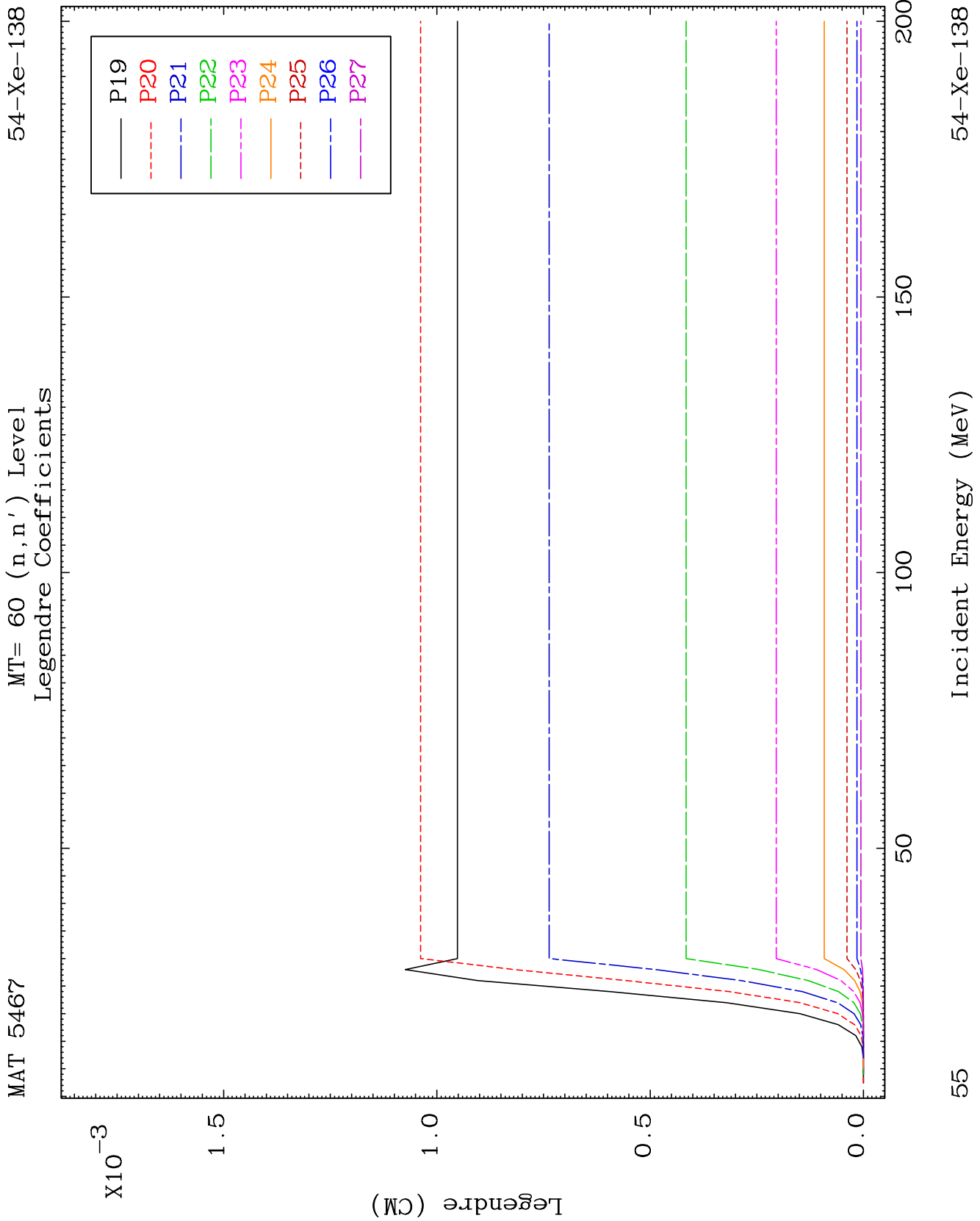
MT= 59 (n, n') Level
Legendre Coefficients

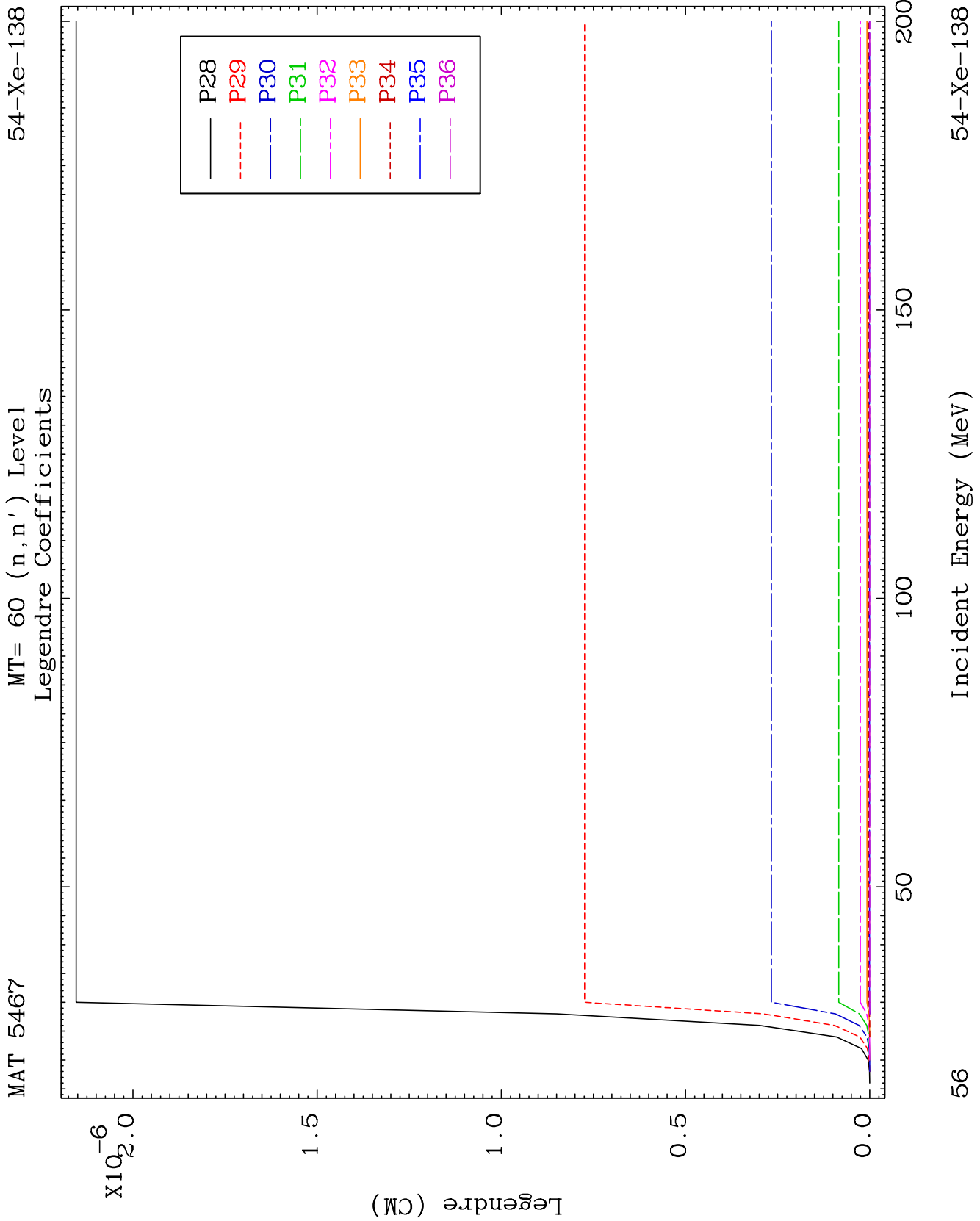
54-Xe-138







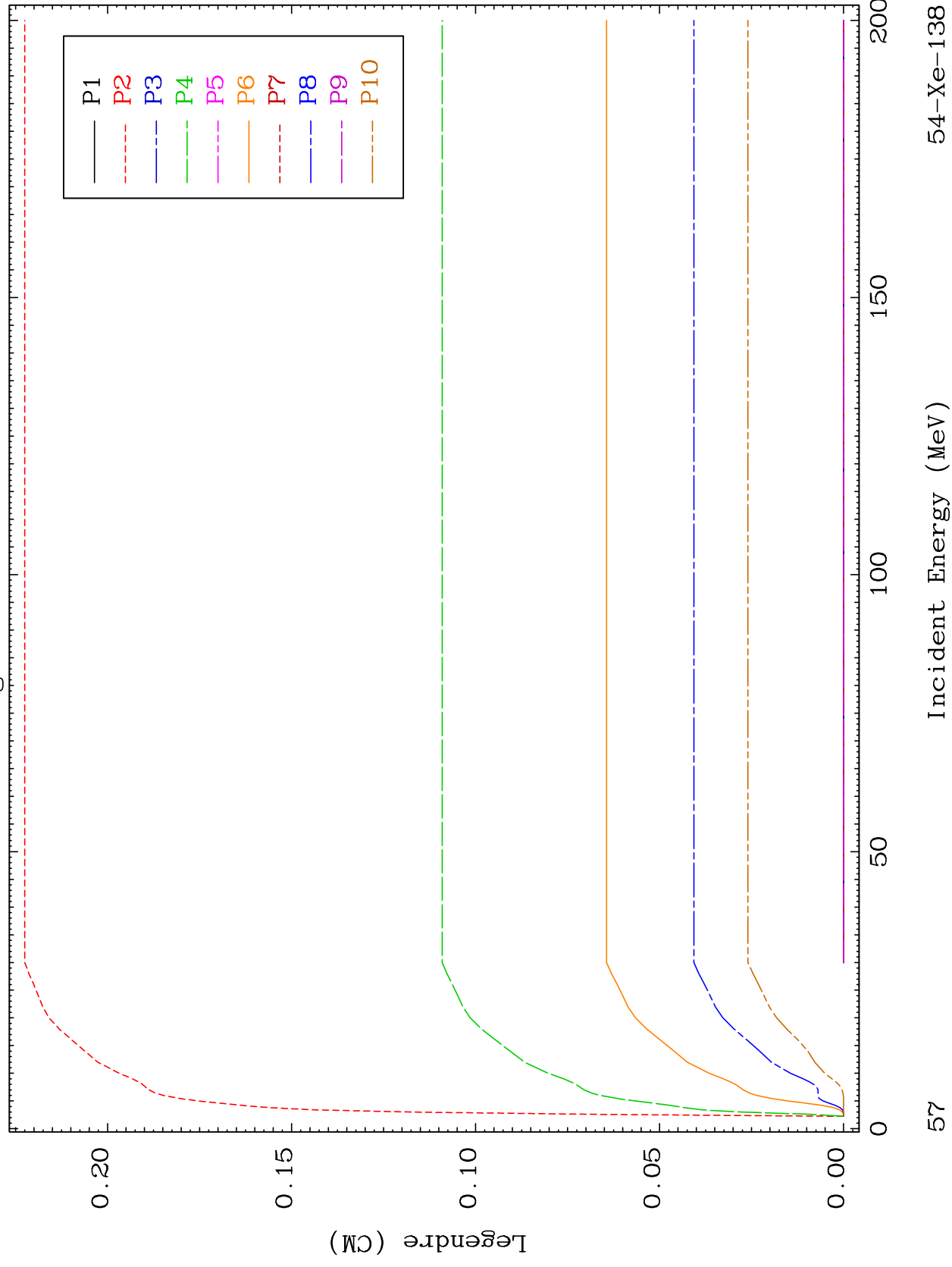




MAT 5467

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

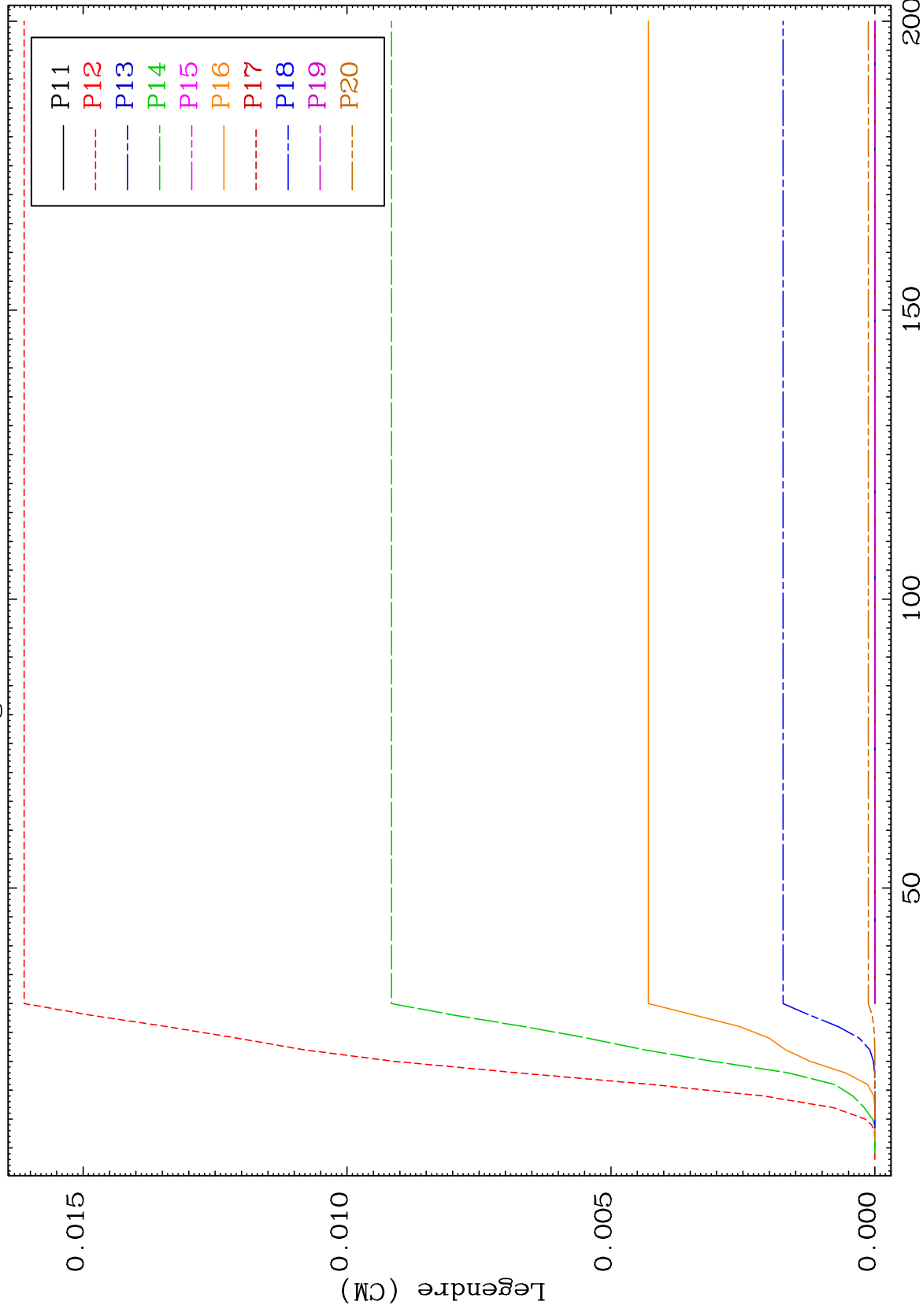
54-Xe-138



MAT 5467

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

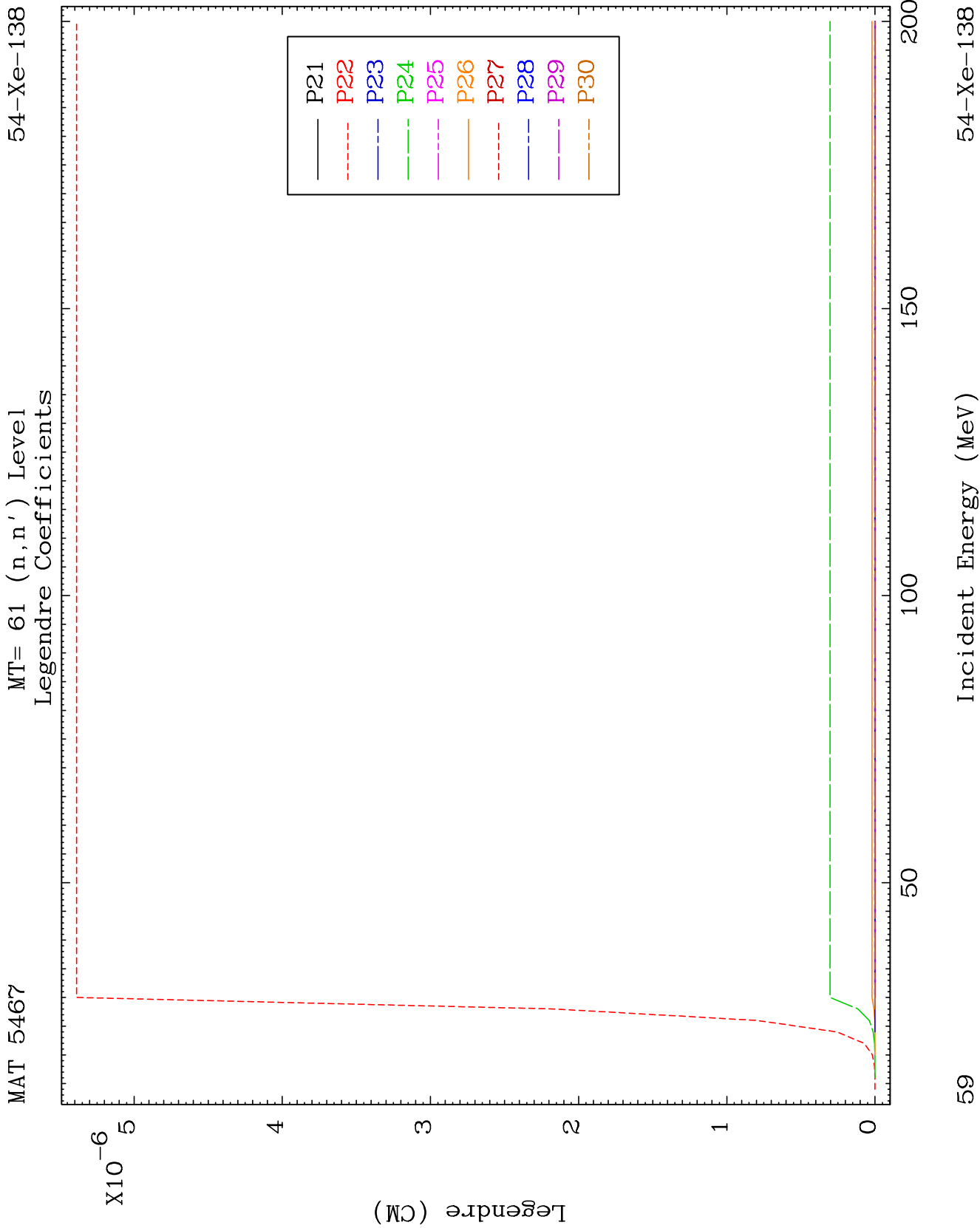
54-Xe-138



58

Incident Energy (MeV)

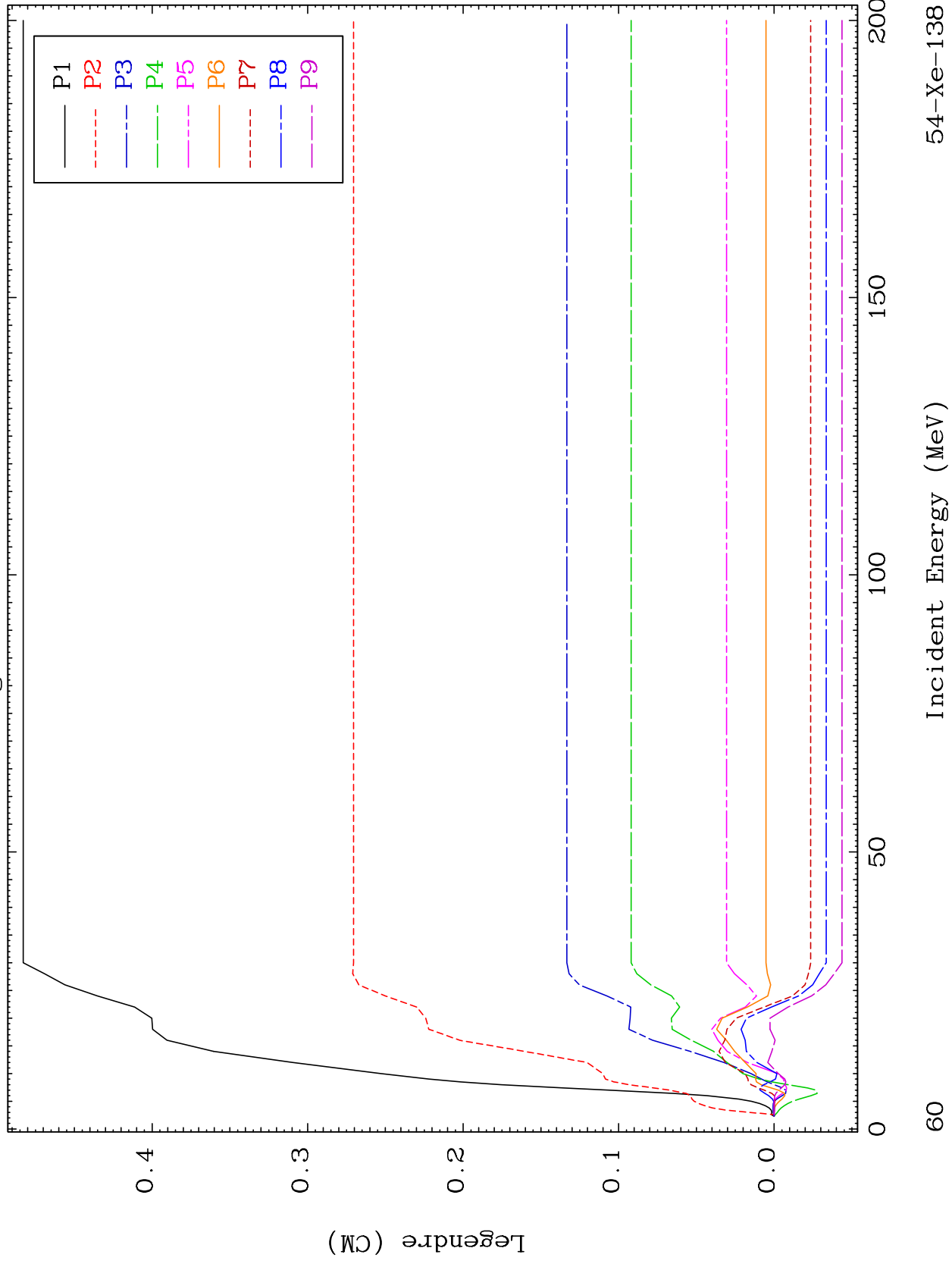
54-Xe-138

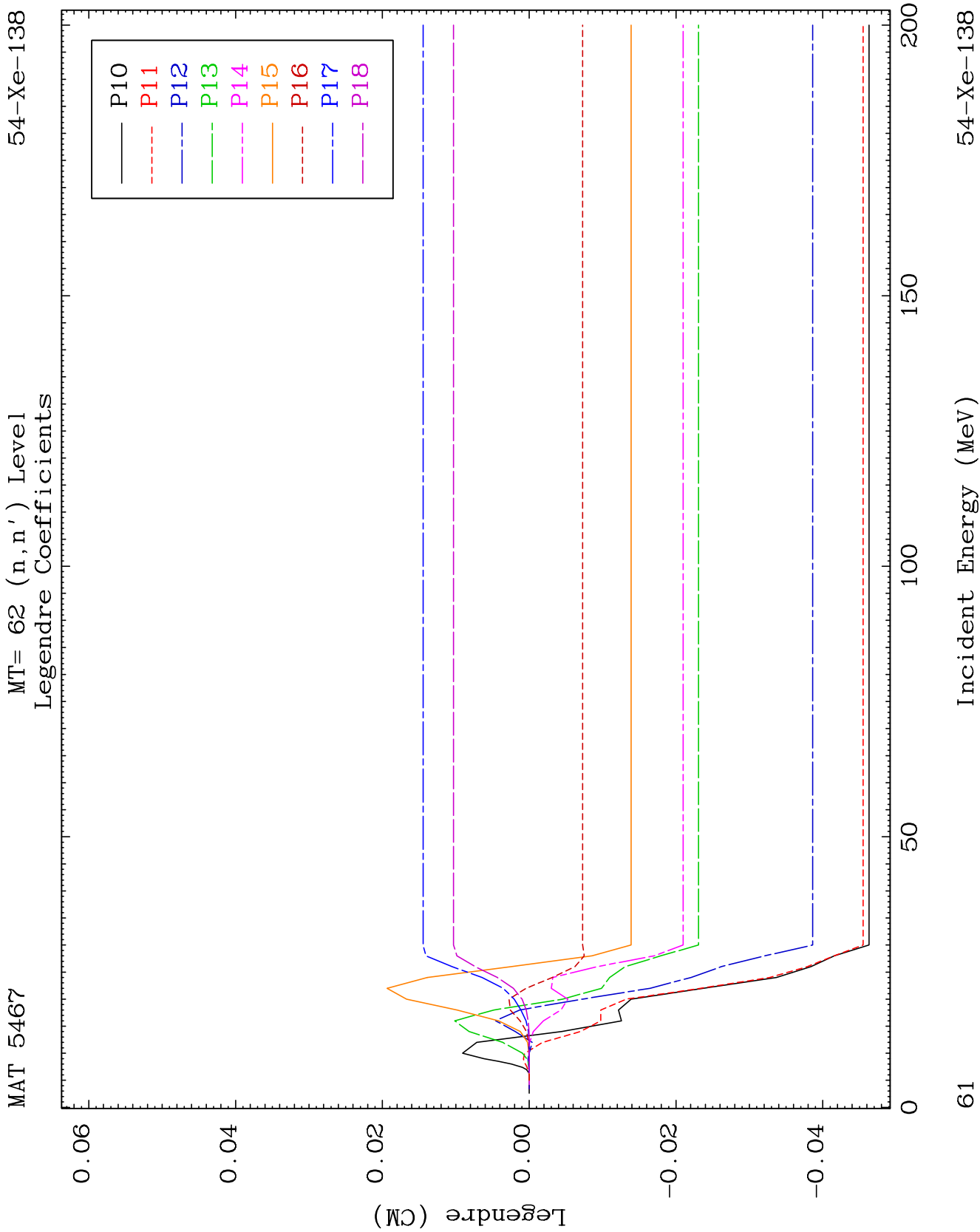


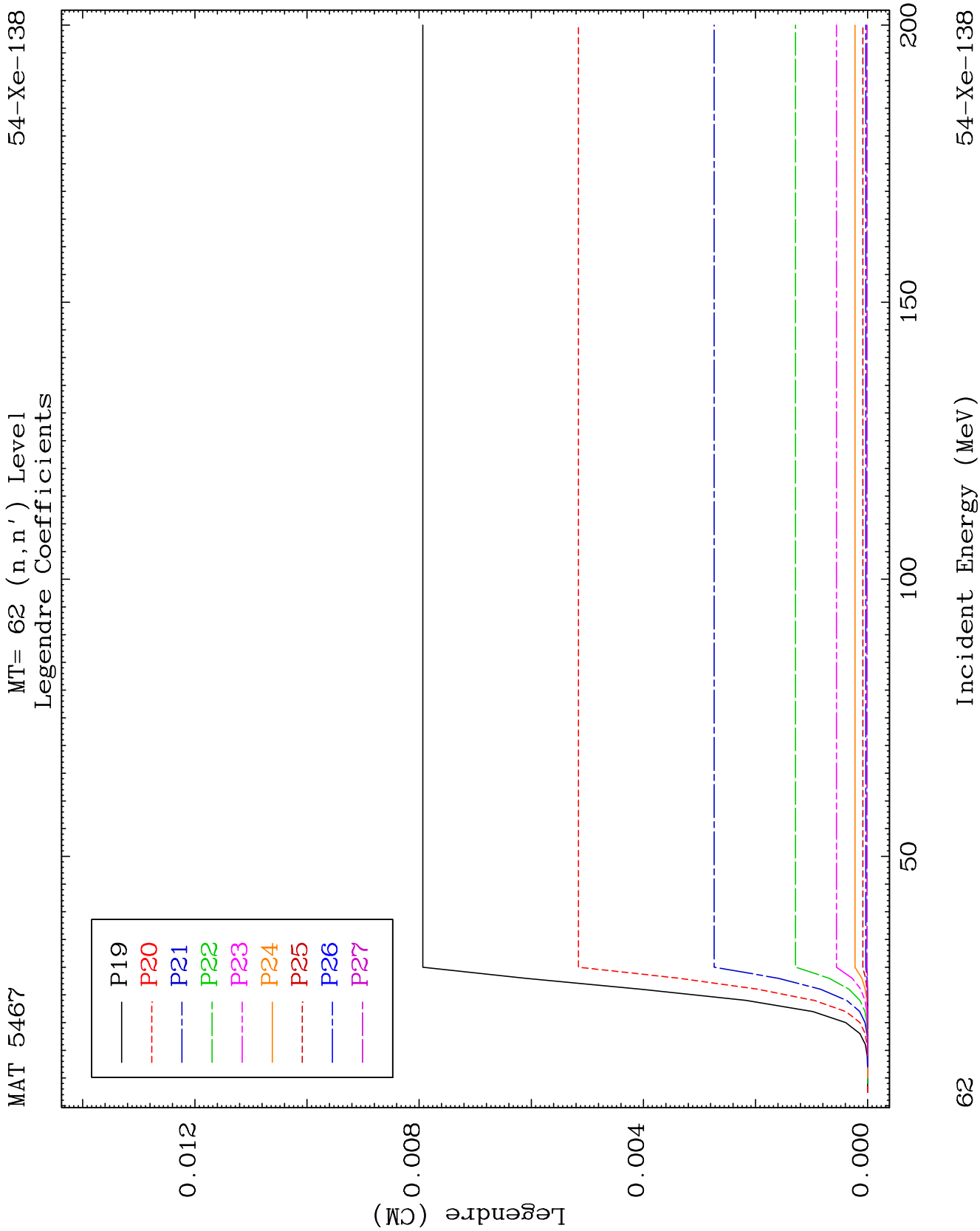
MAT 5467

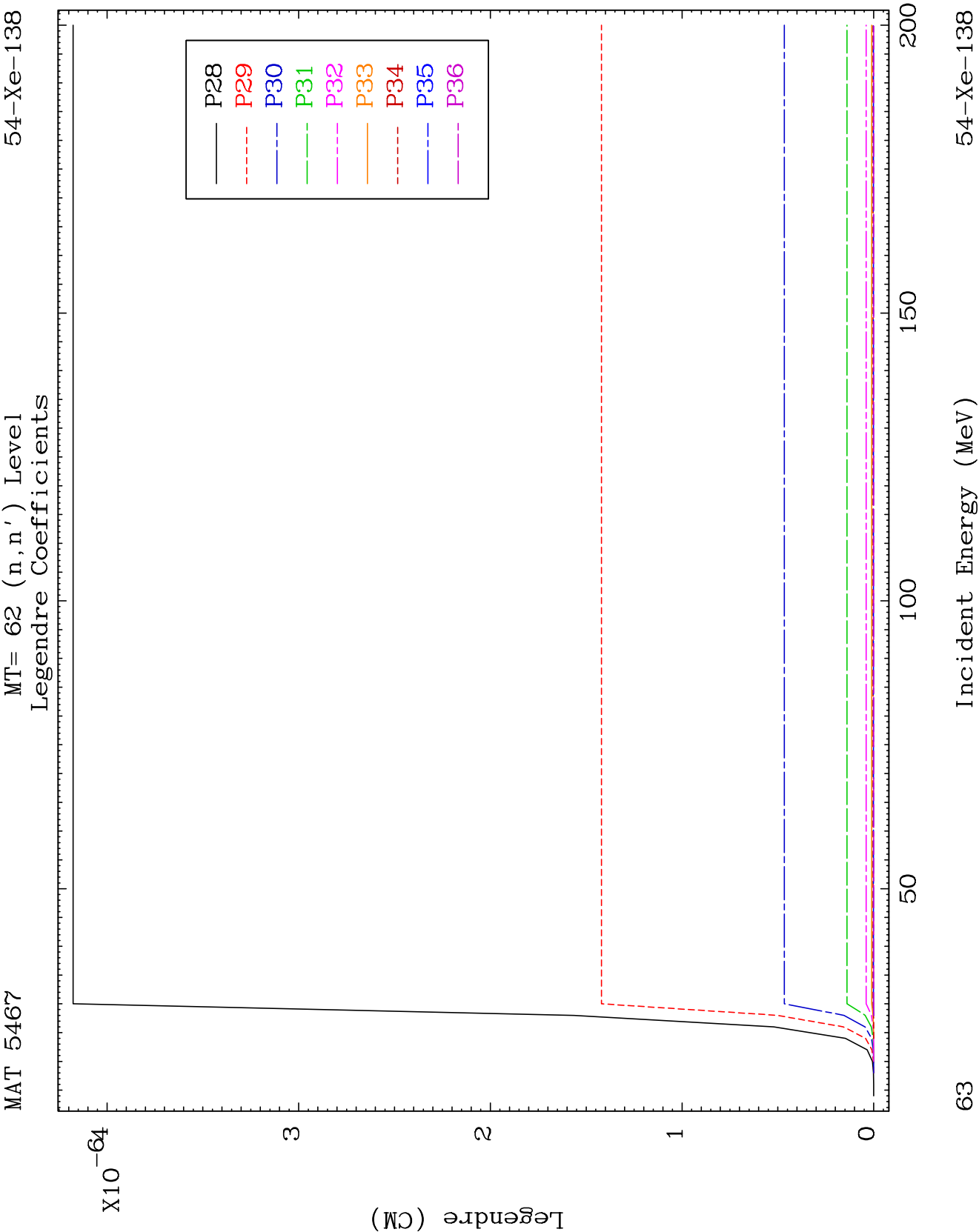
MT= 62 (n, n') Level
Legendre Coefficients

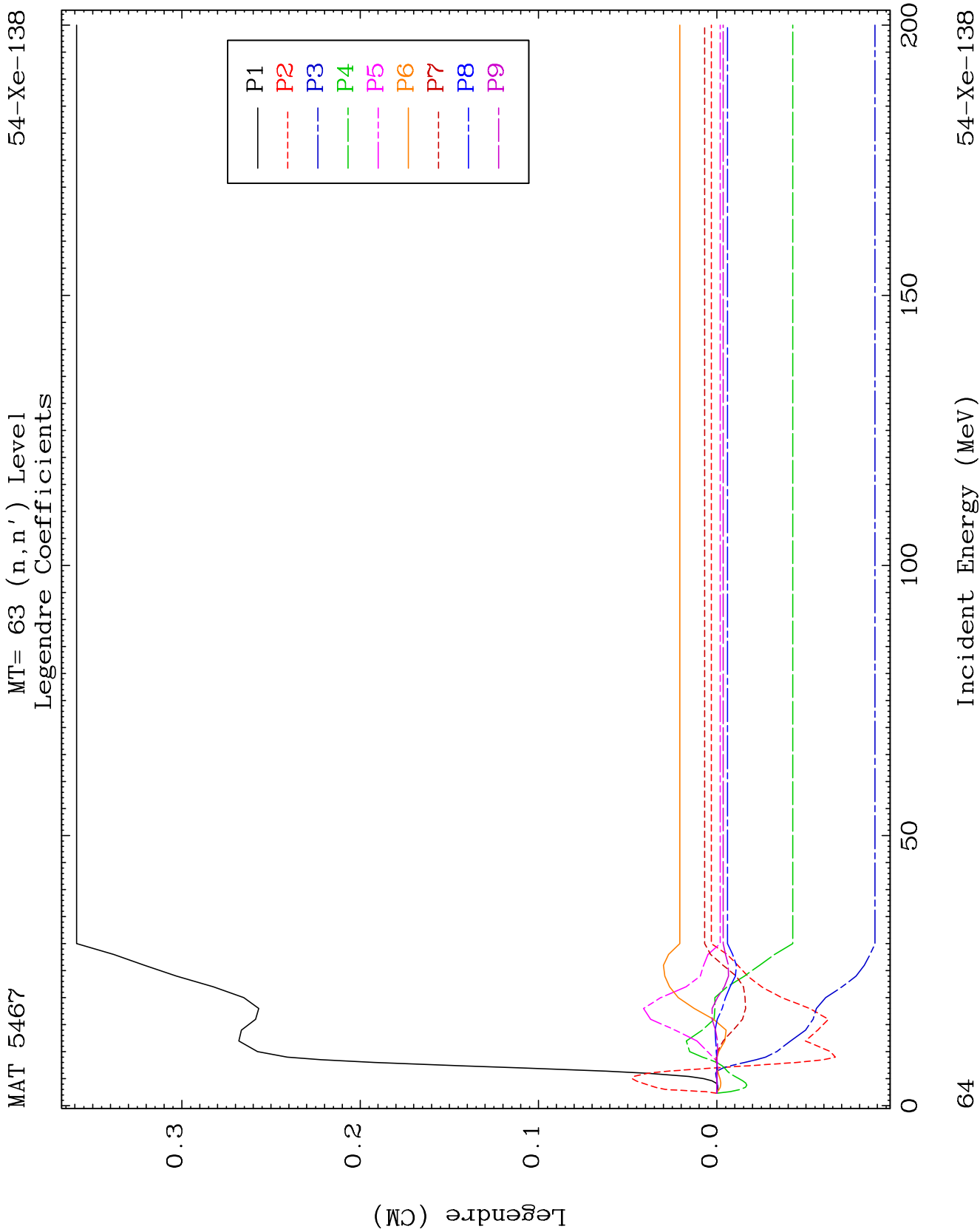
54-Xe-138







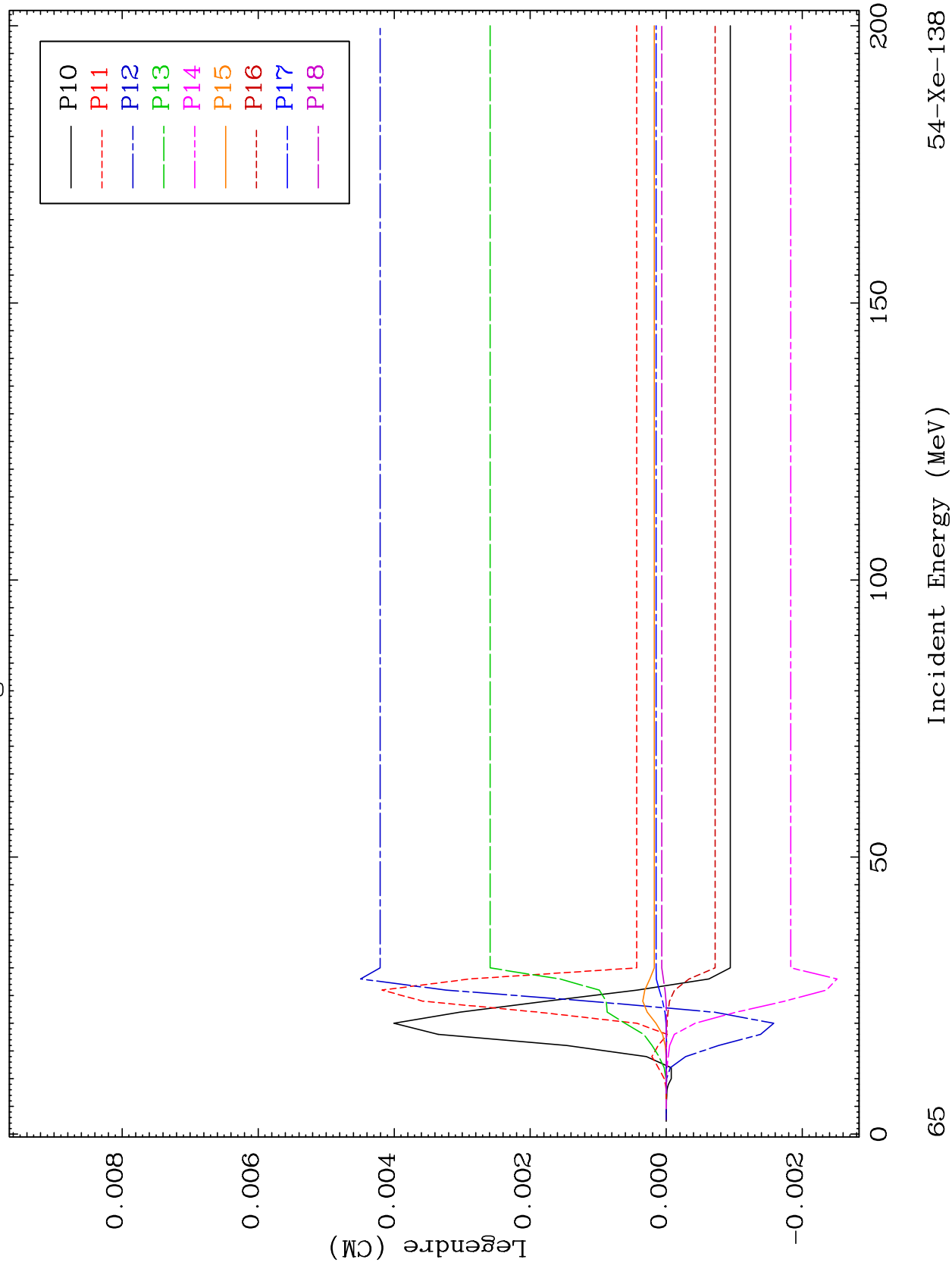


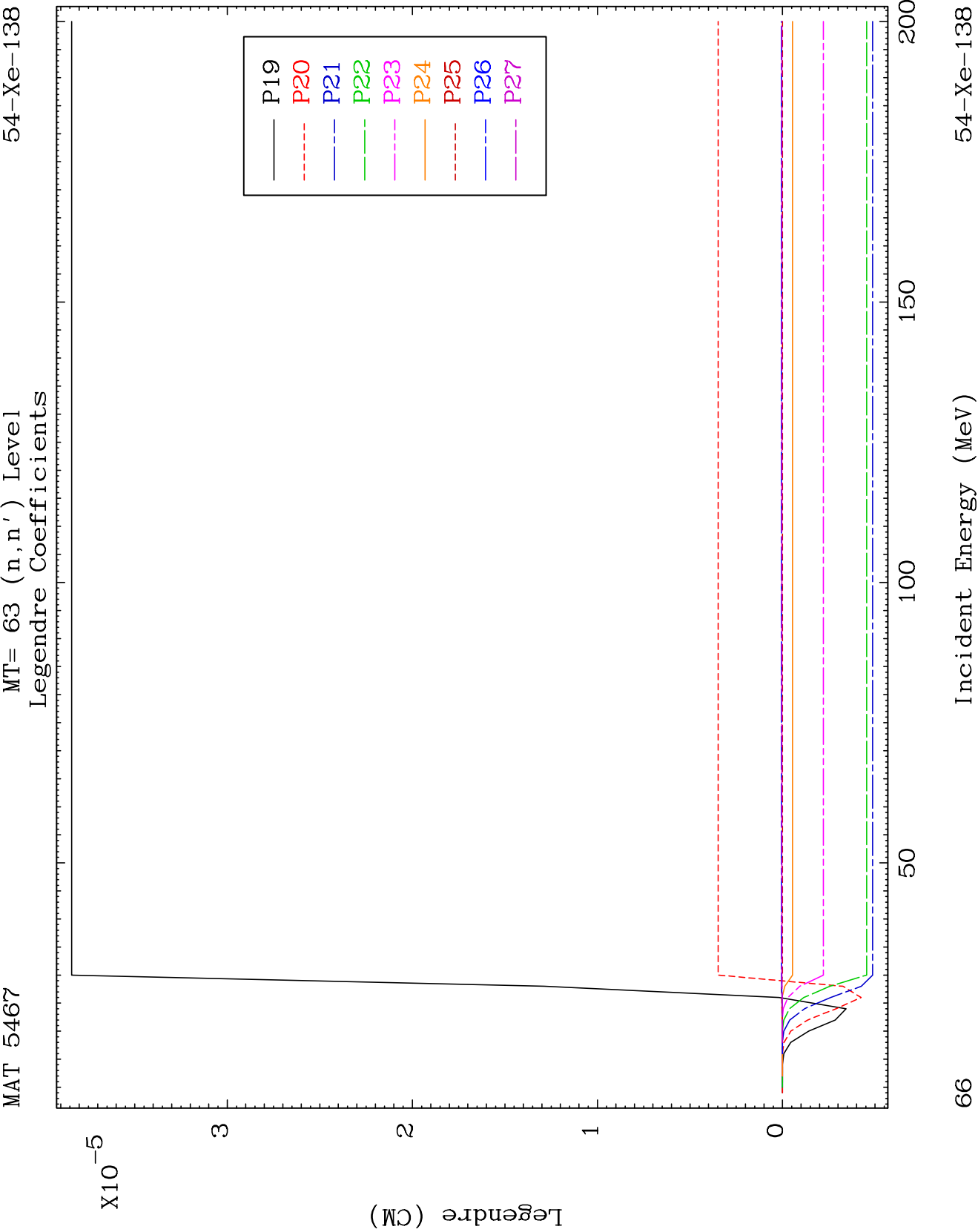


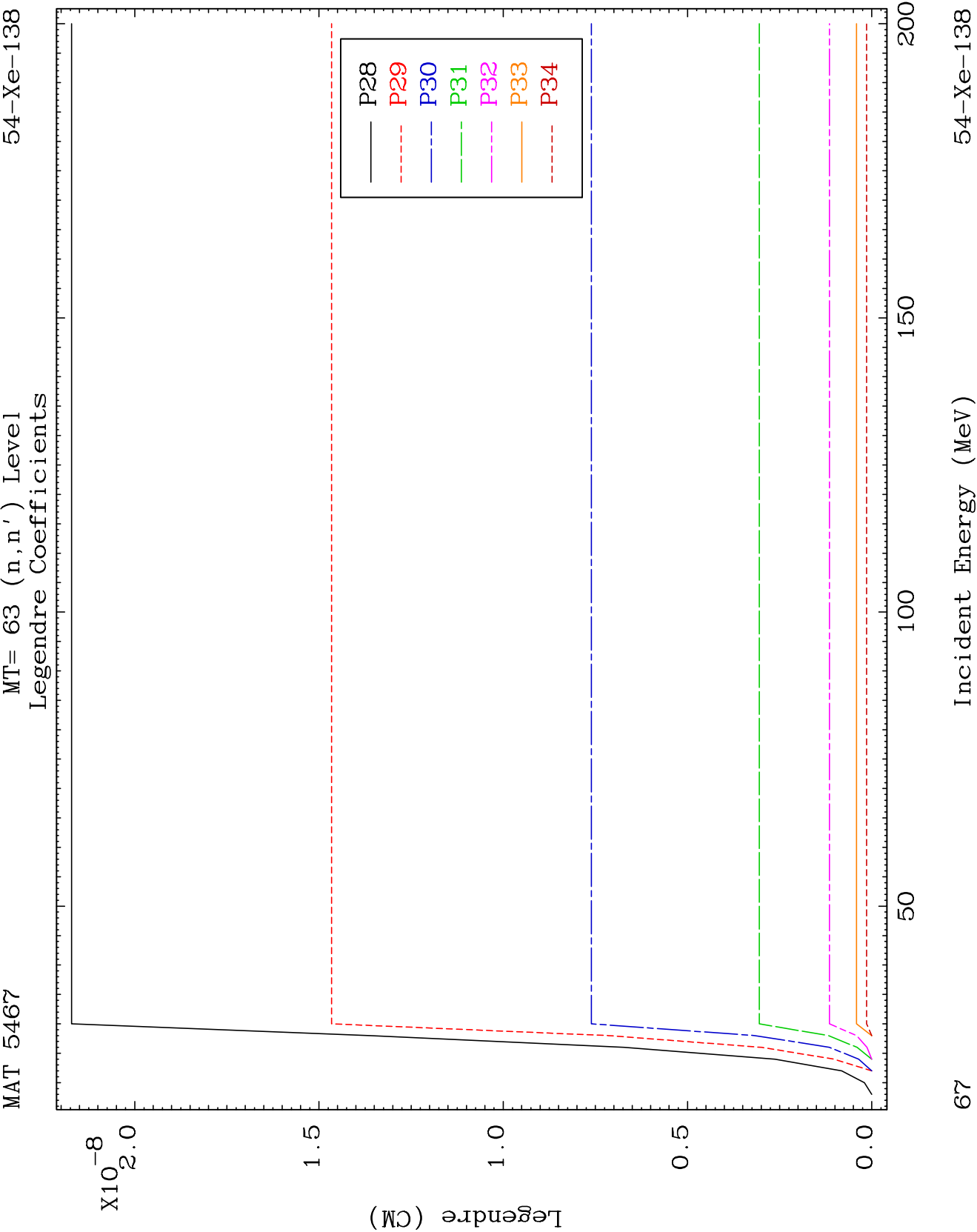
MAT 5467

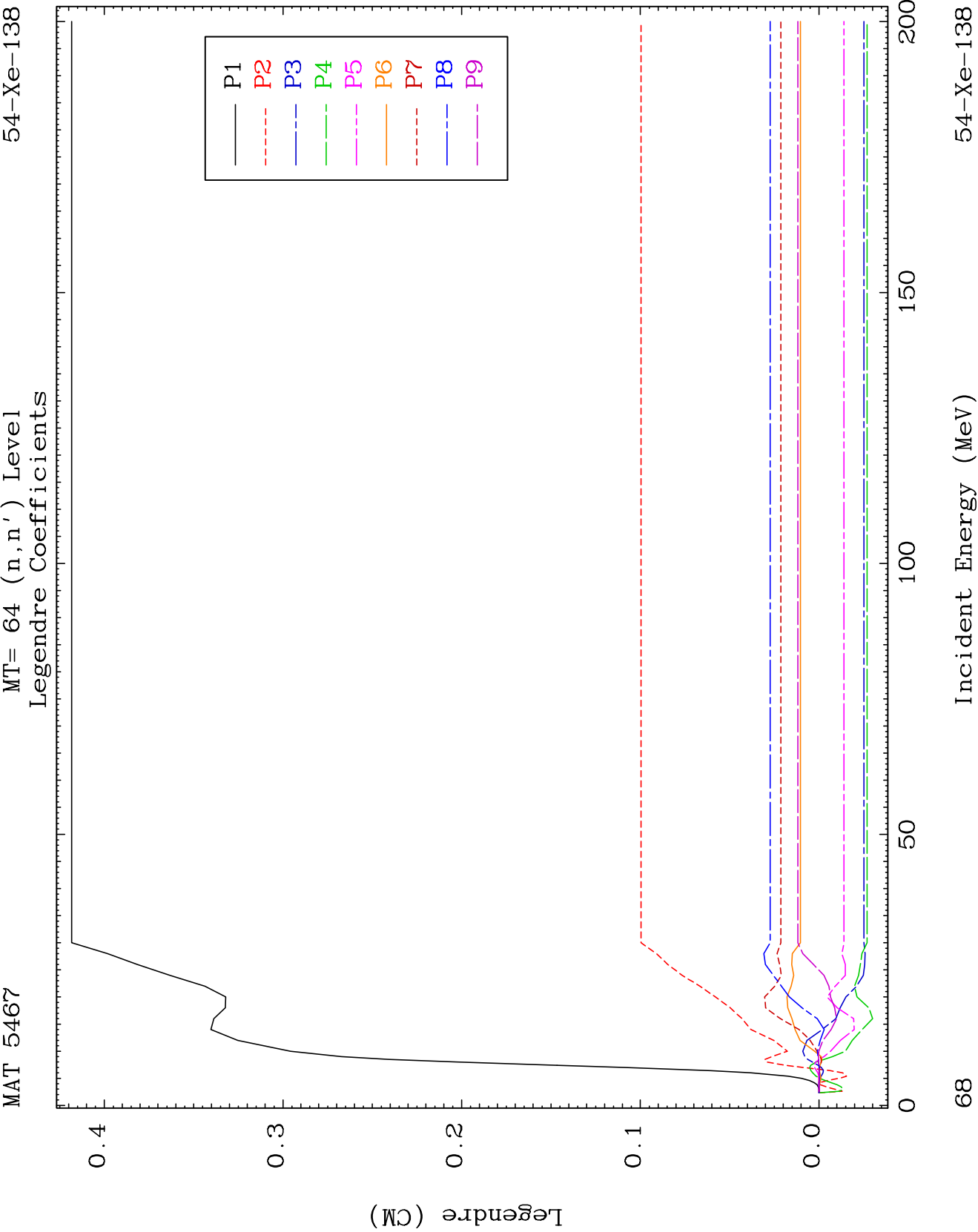
MT= 63 (n, n') Level
Legendre Coefficients

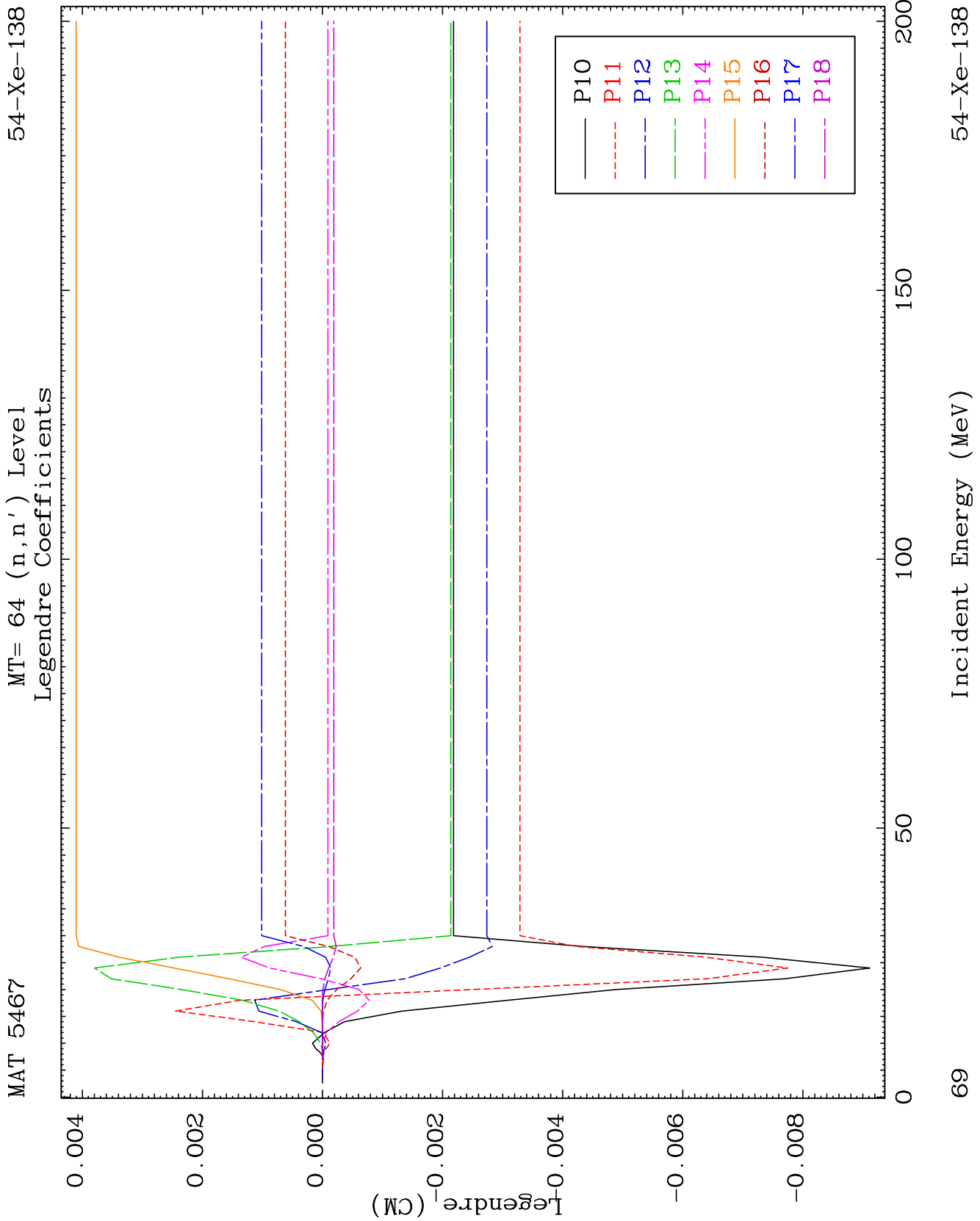
54-Xe-138

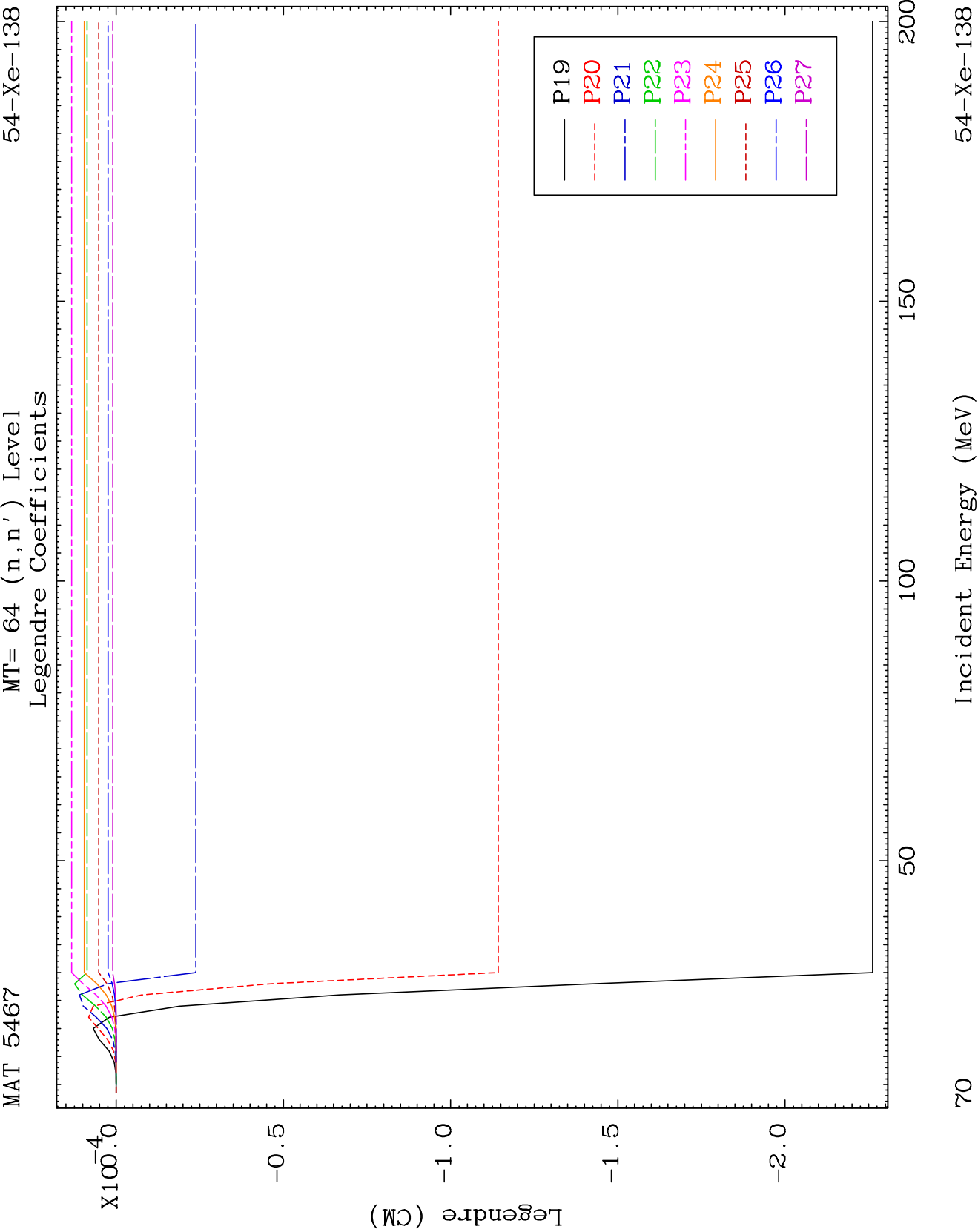


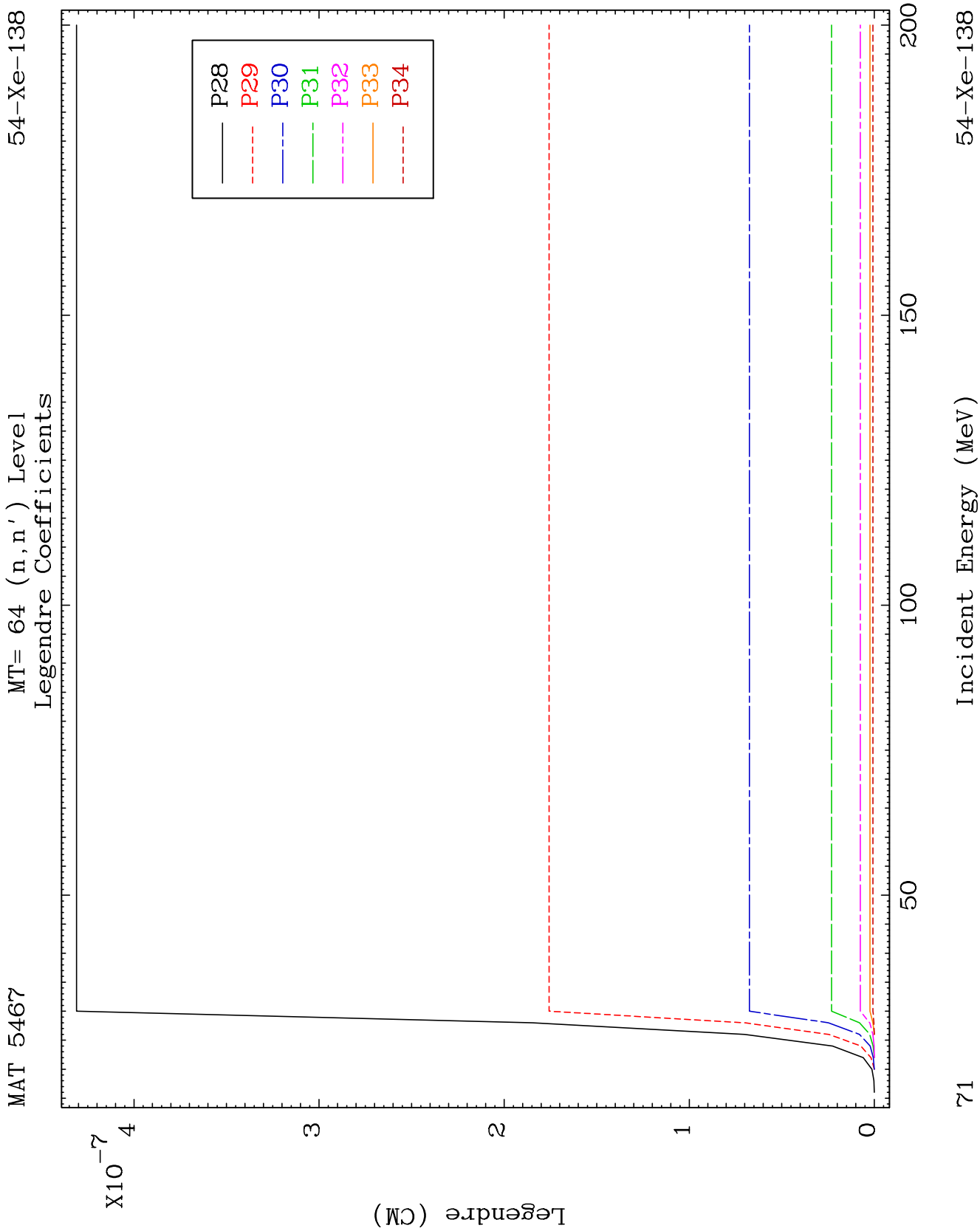


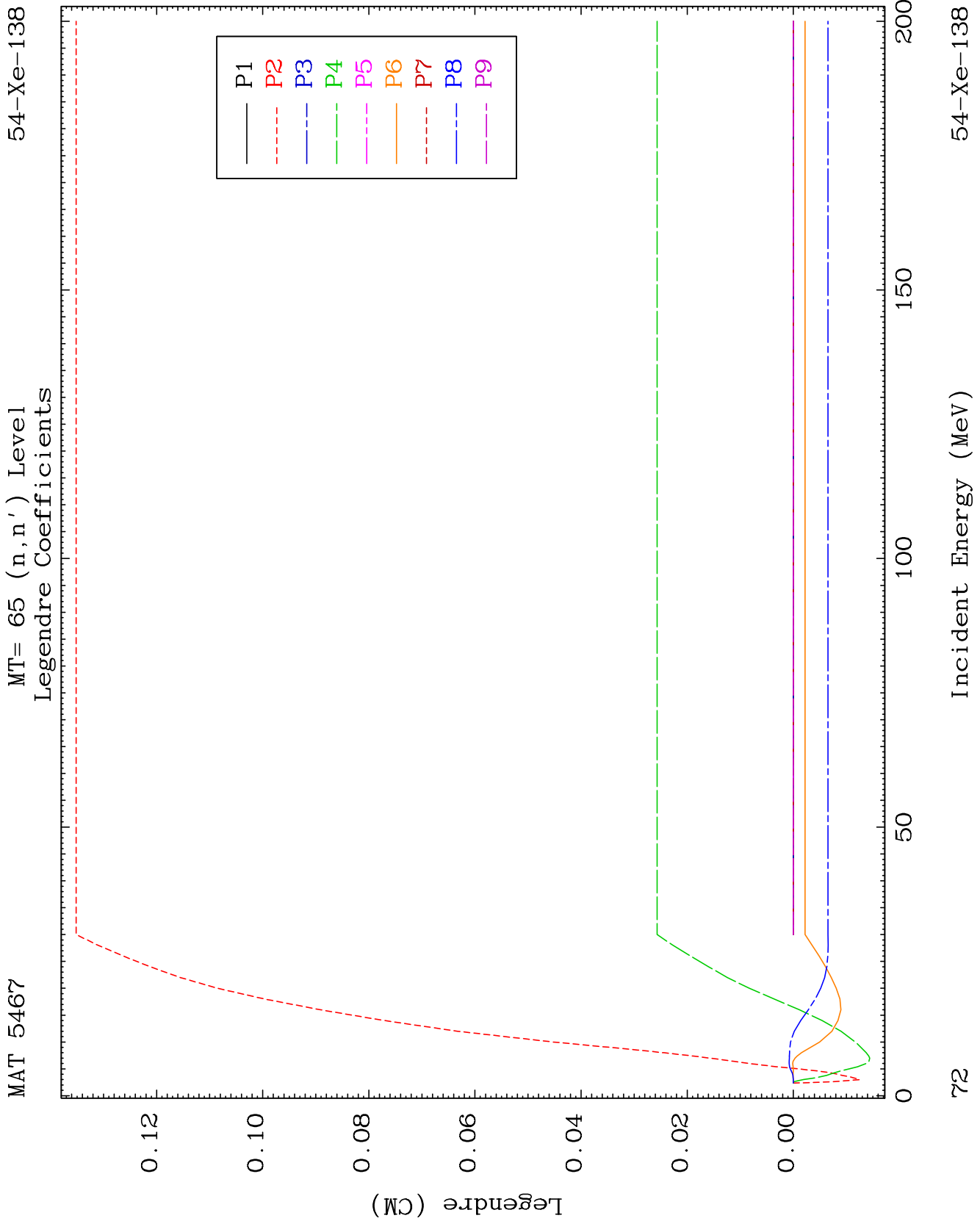


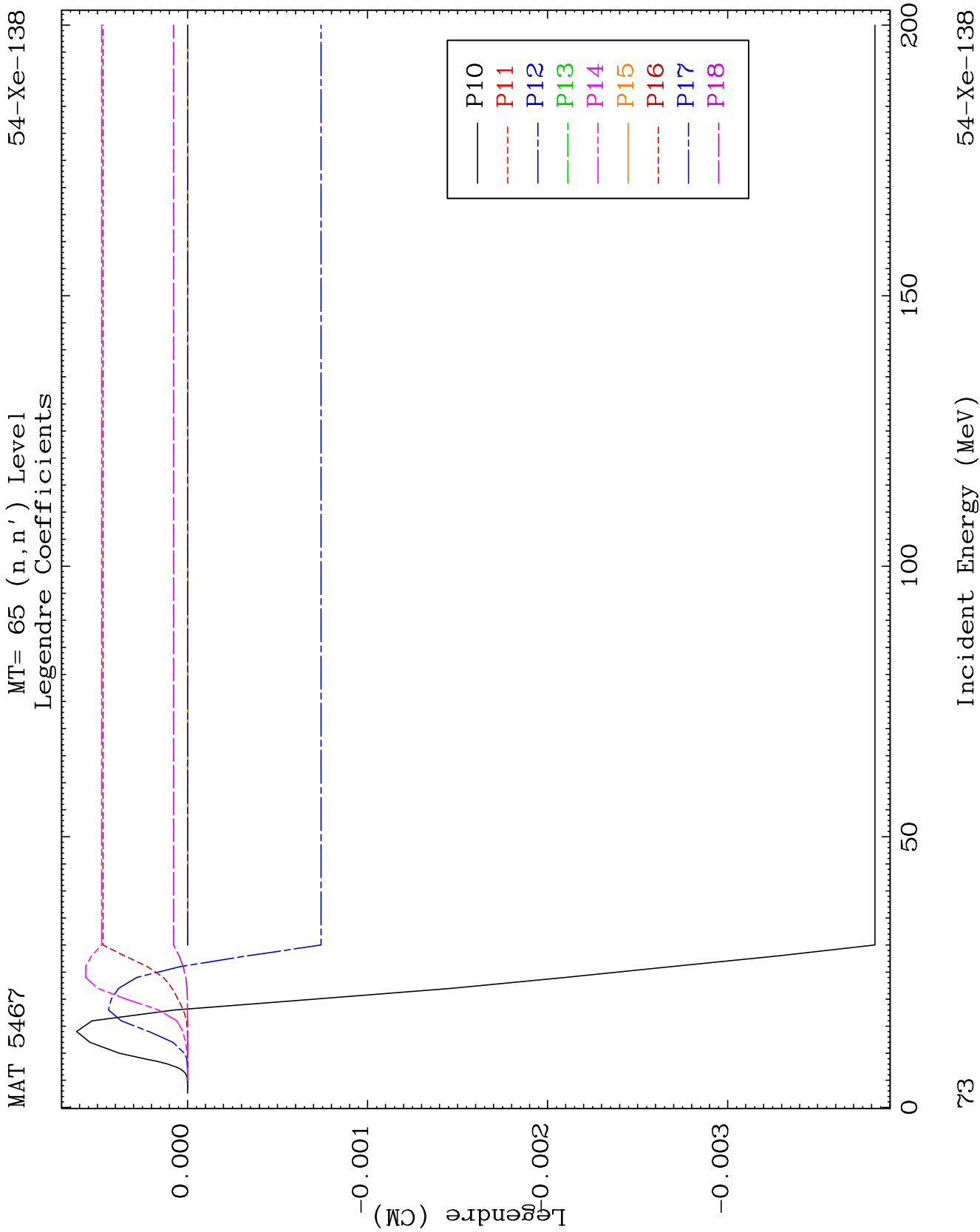


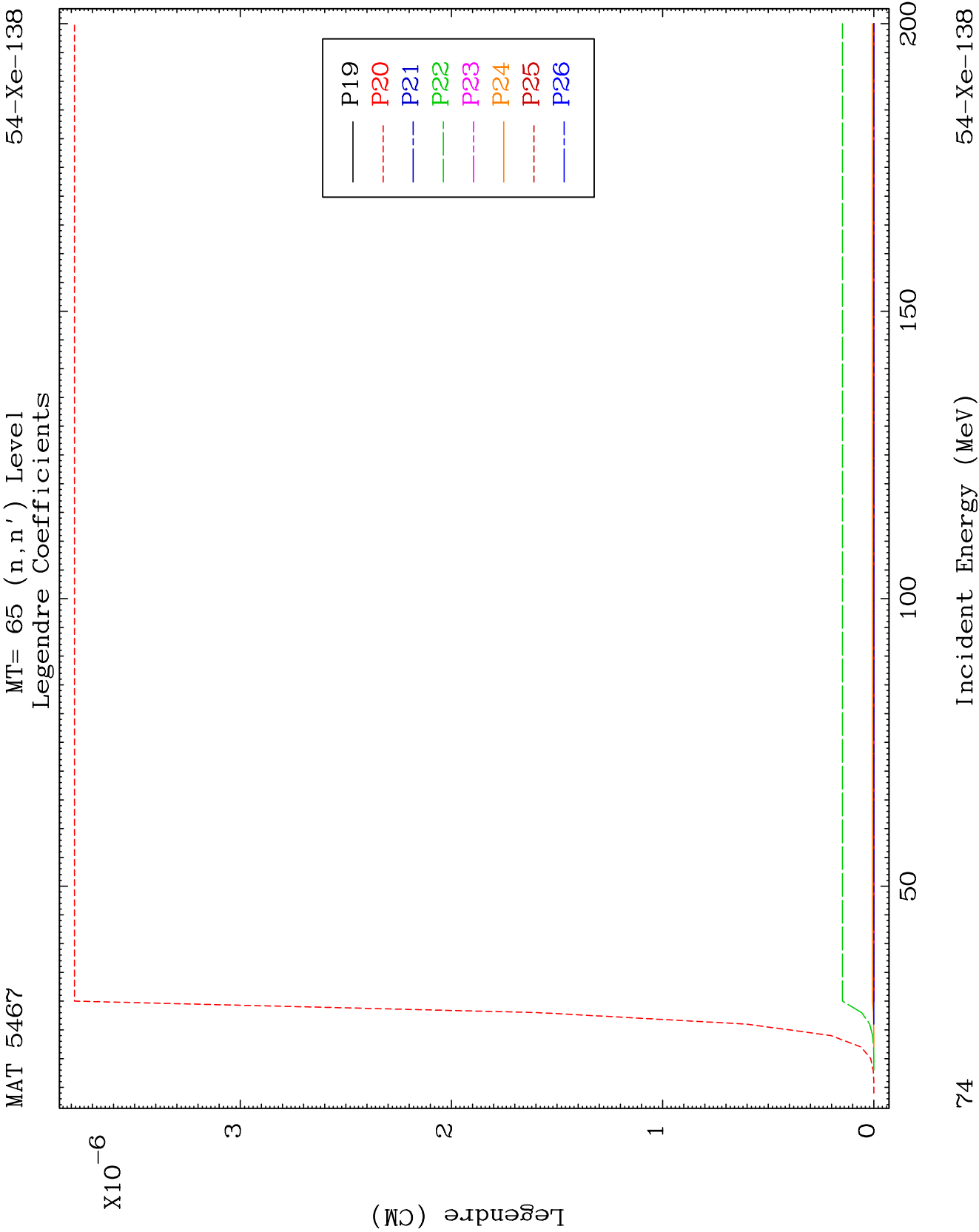


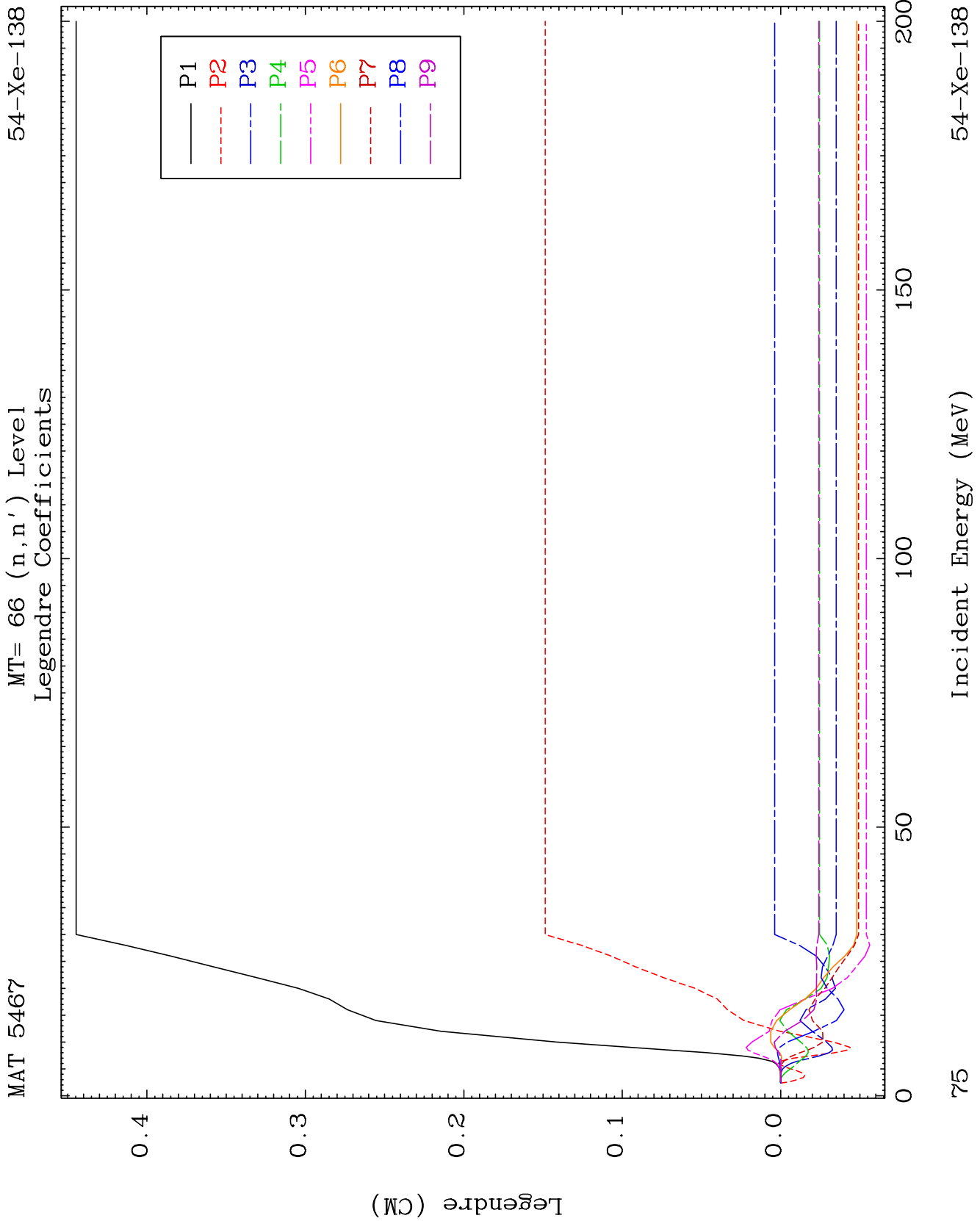


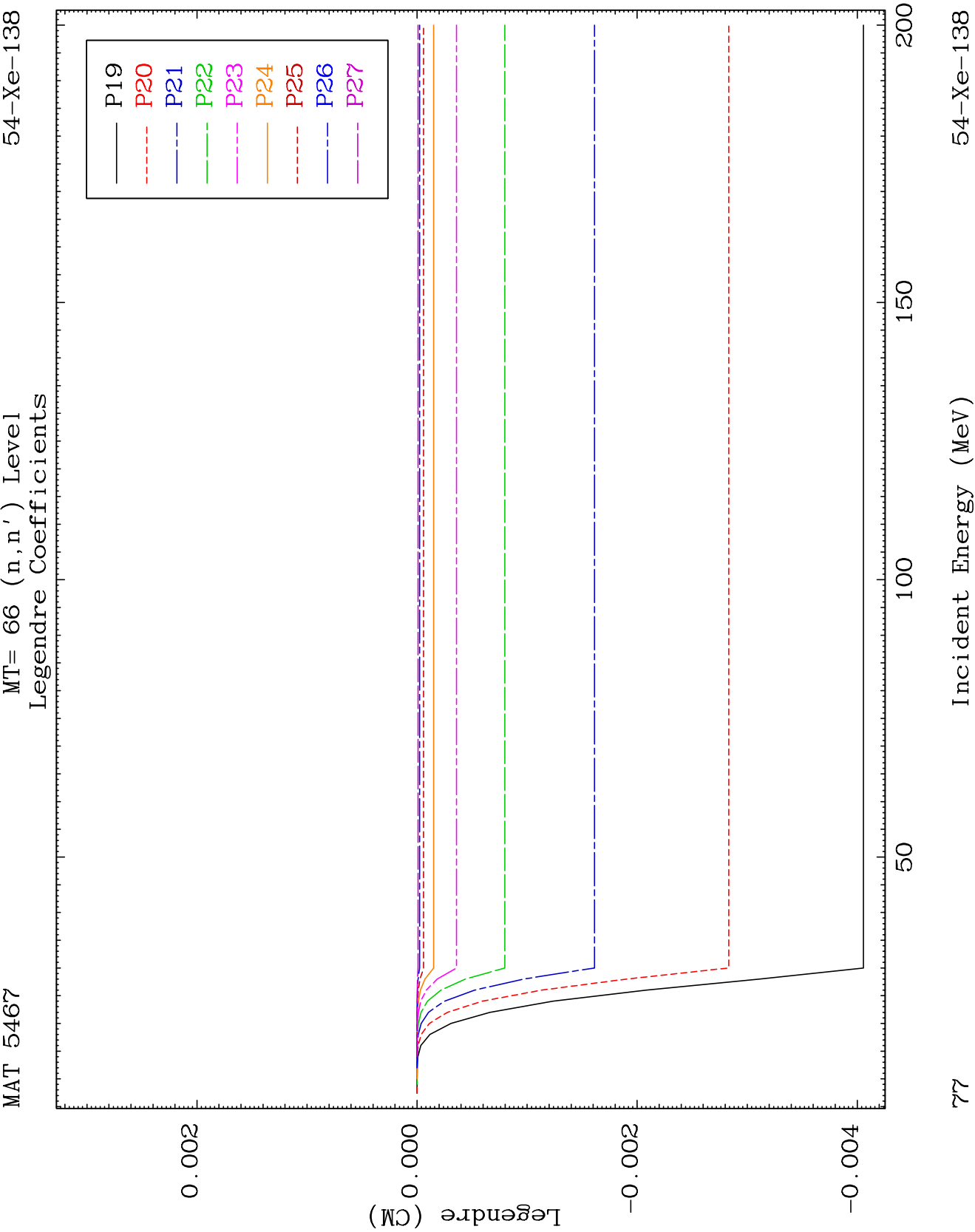


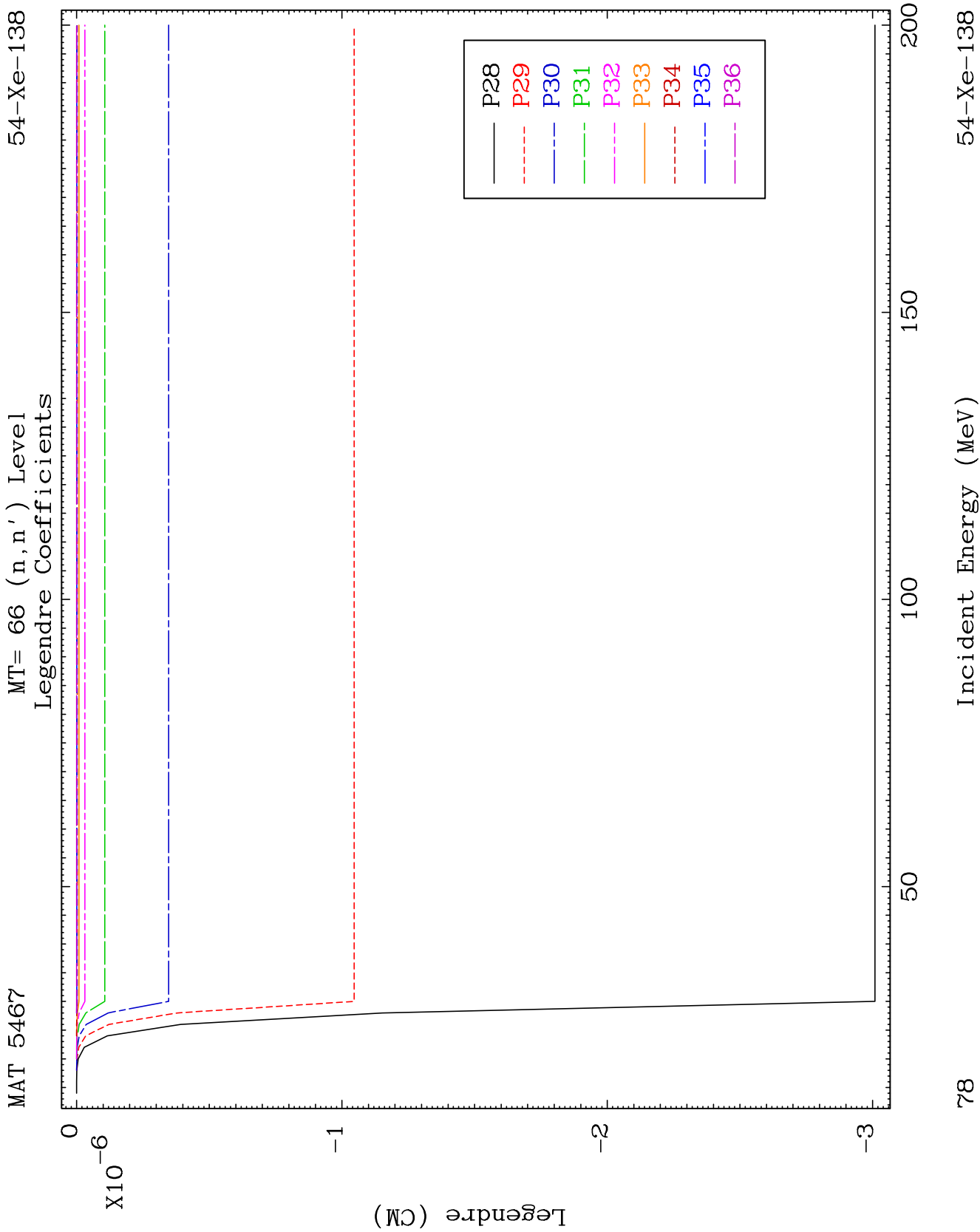


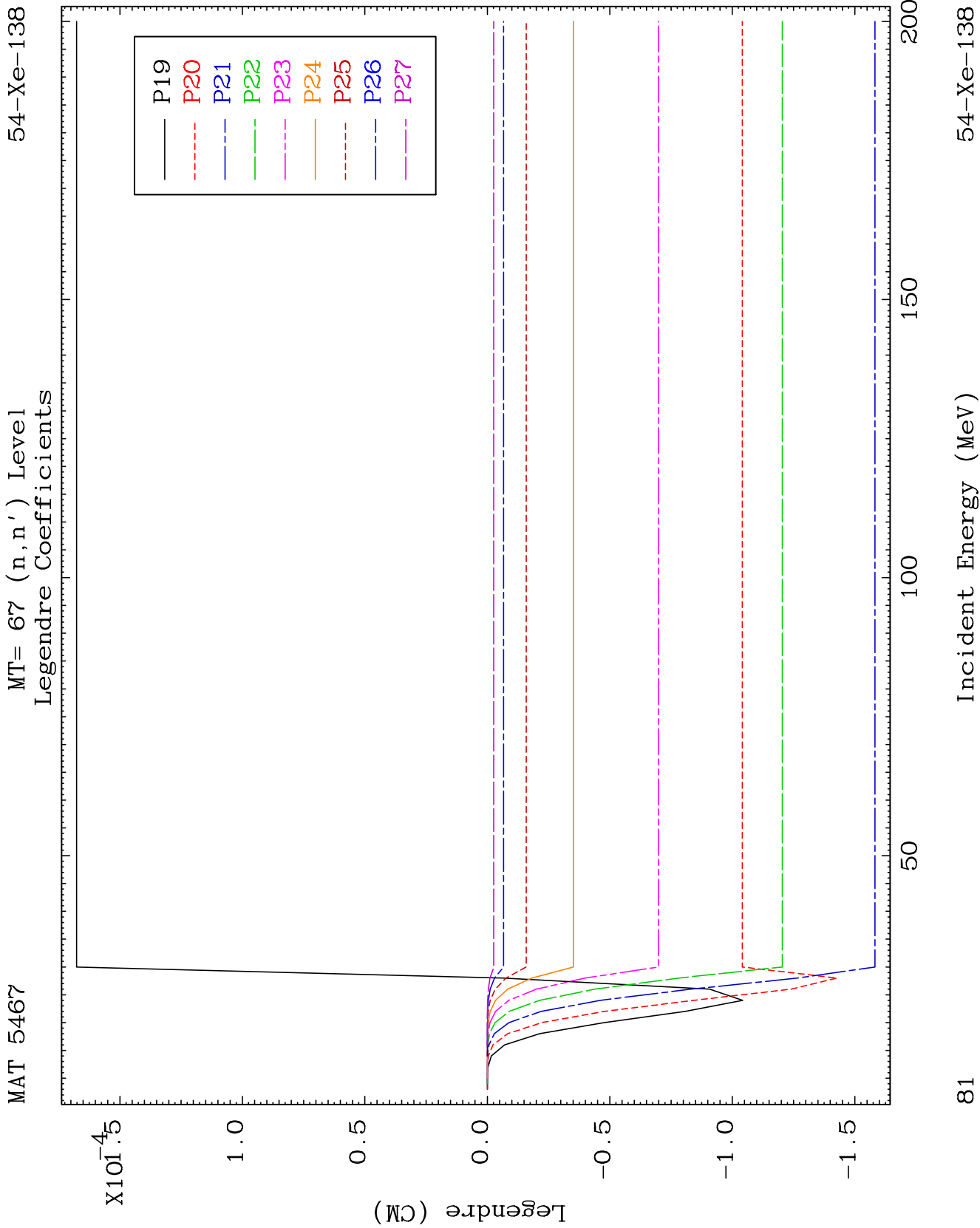


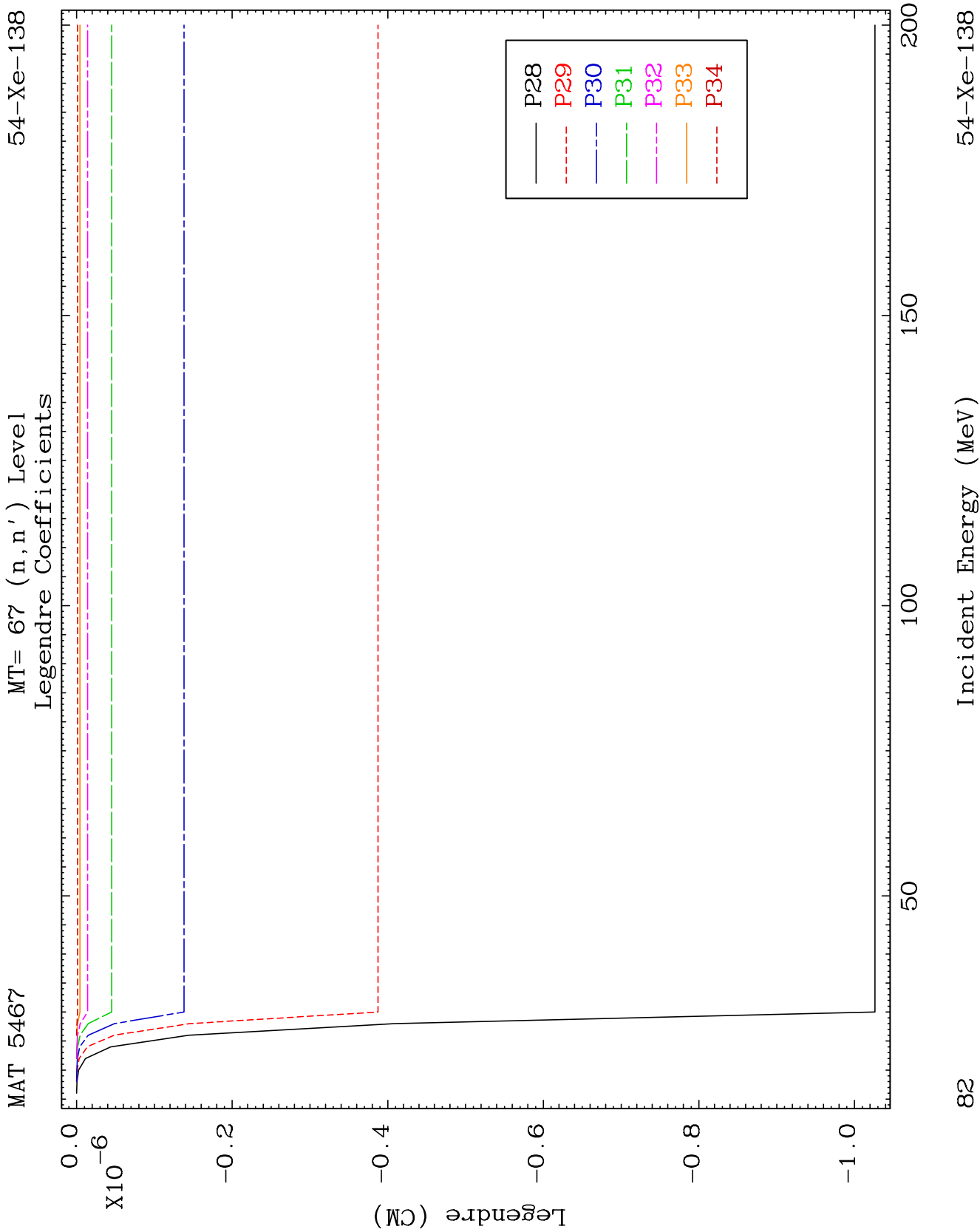


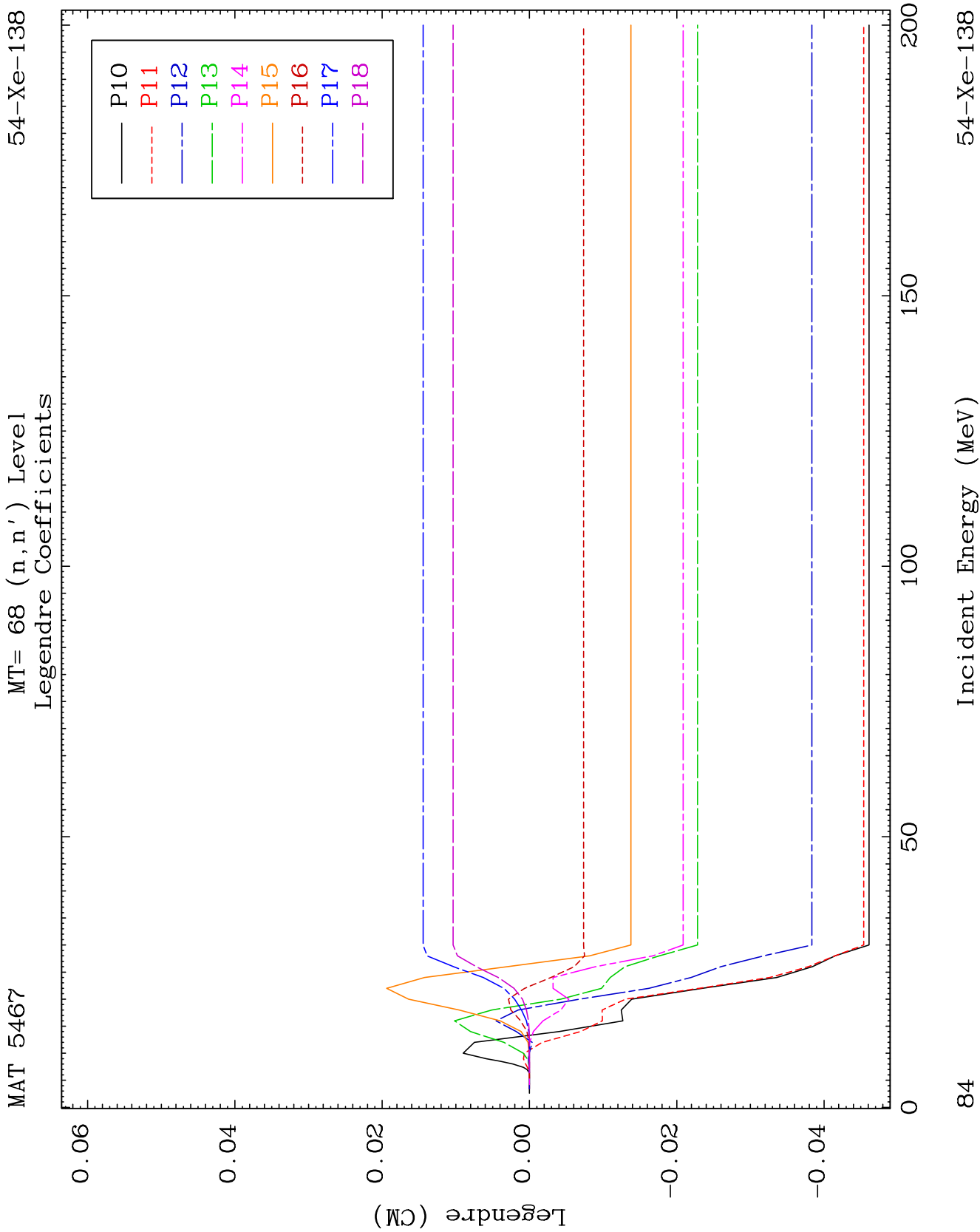








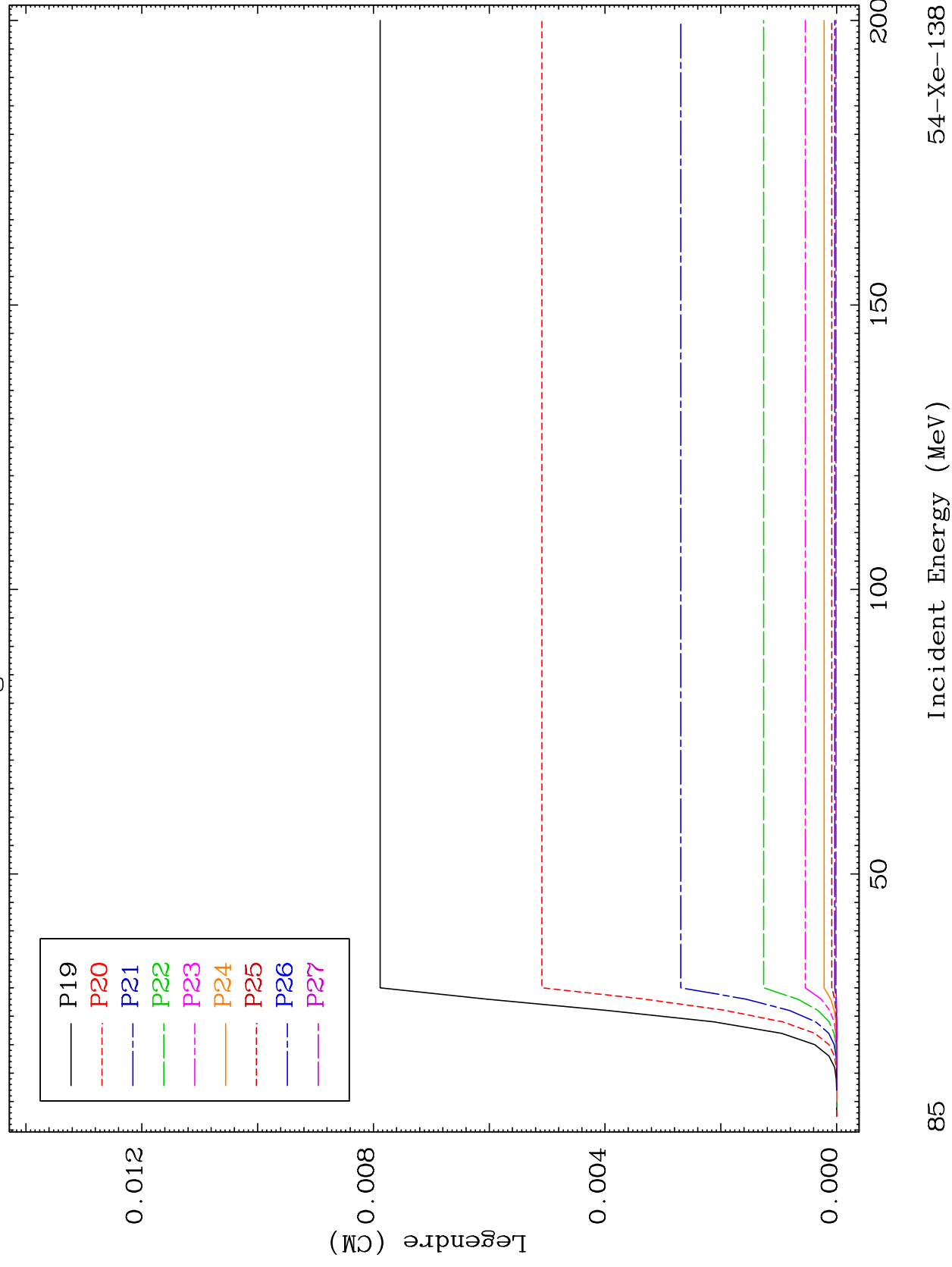


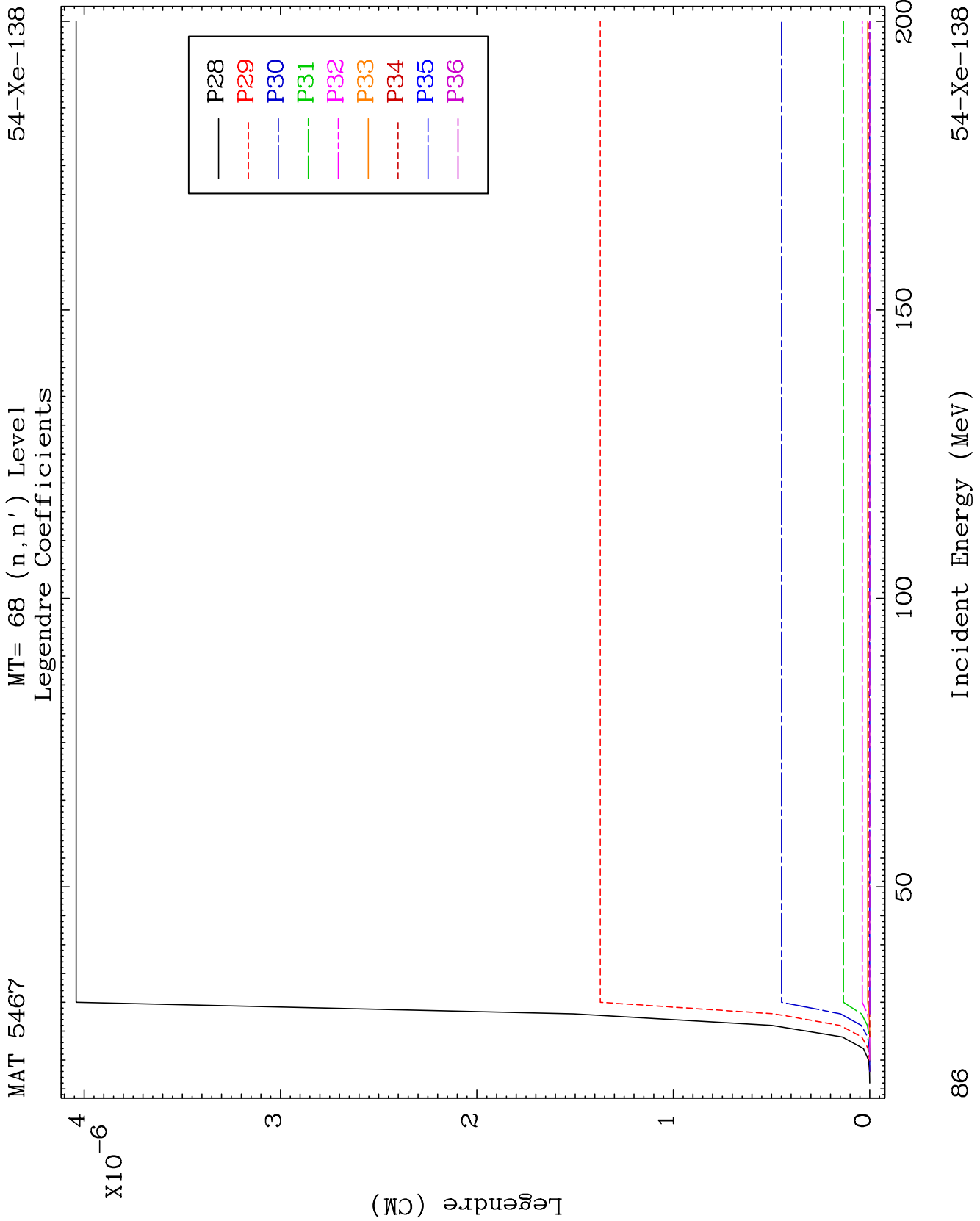


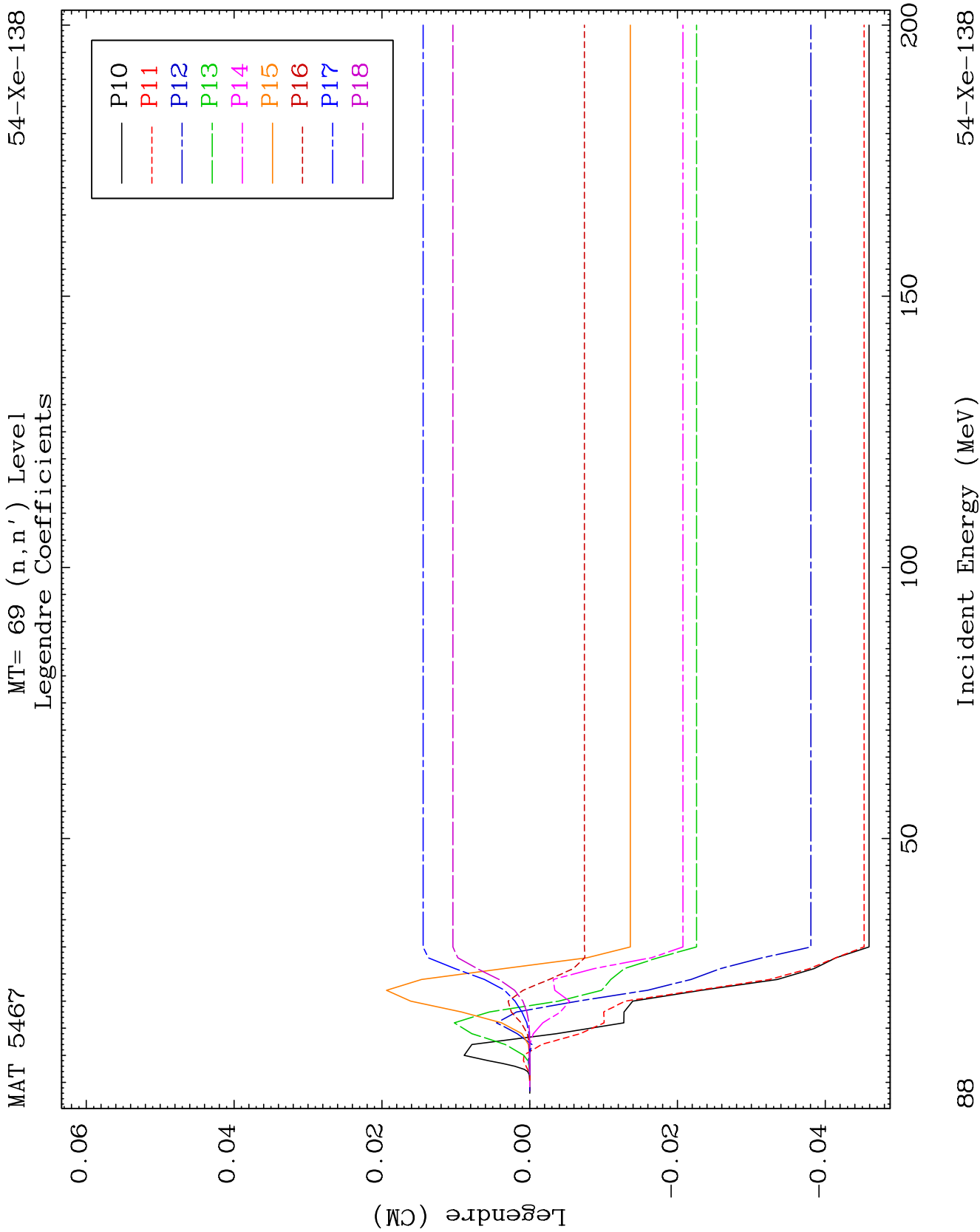
MAT 5467

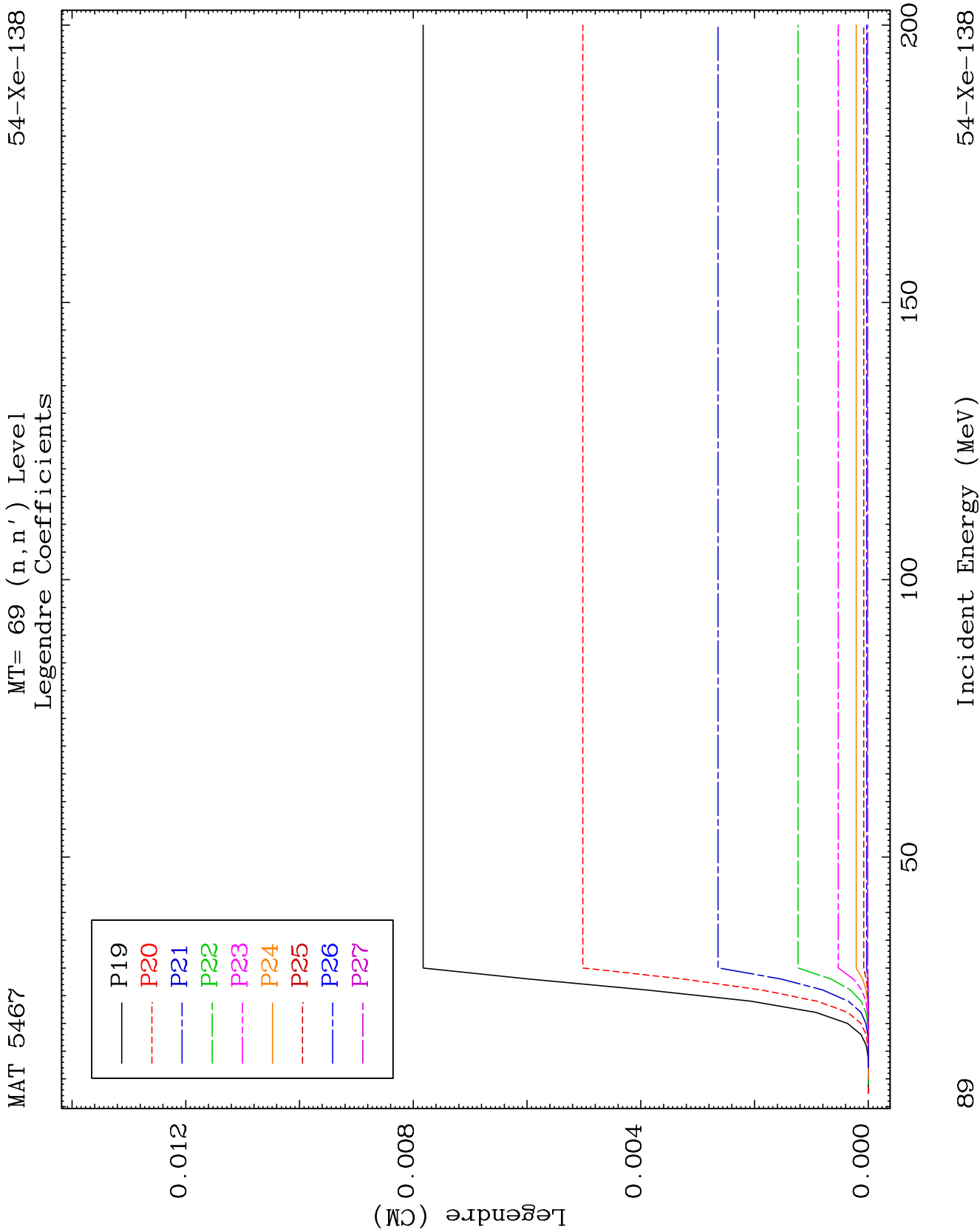
MT= 68 (n, n') Level
Legendre Coefficients

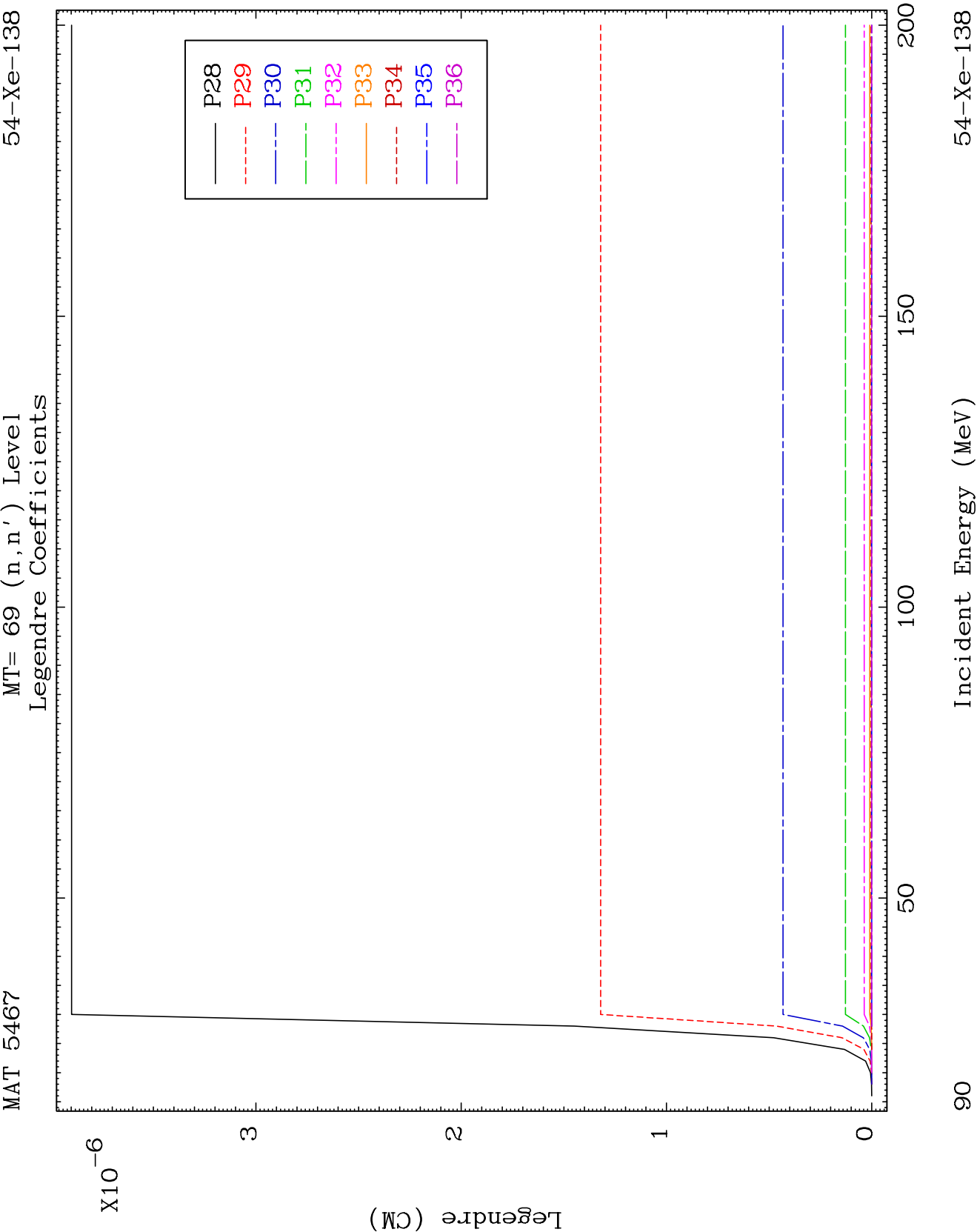
54-Xe-138

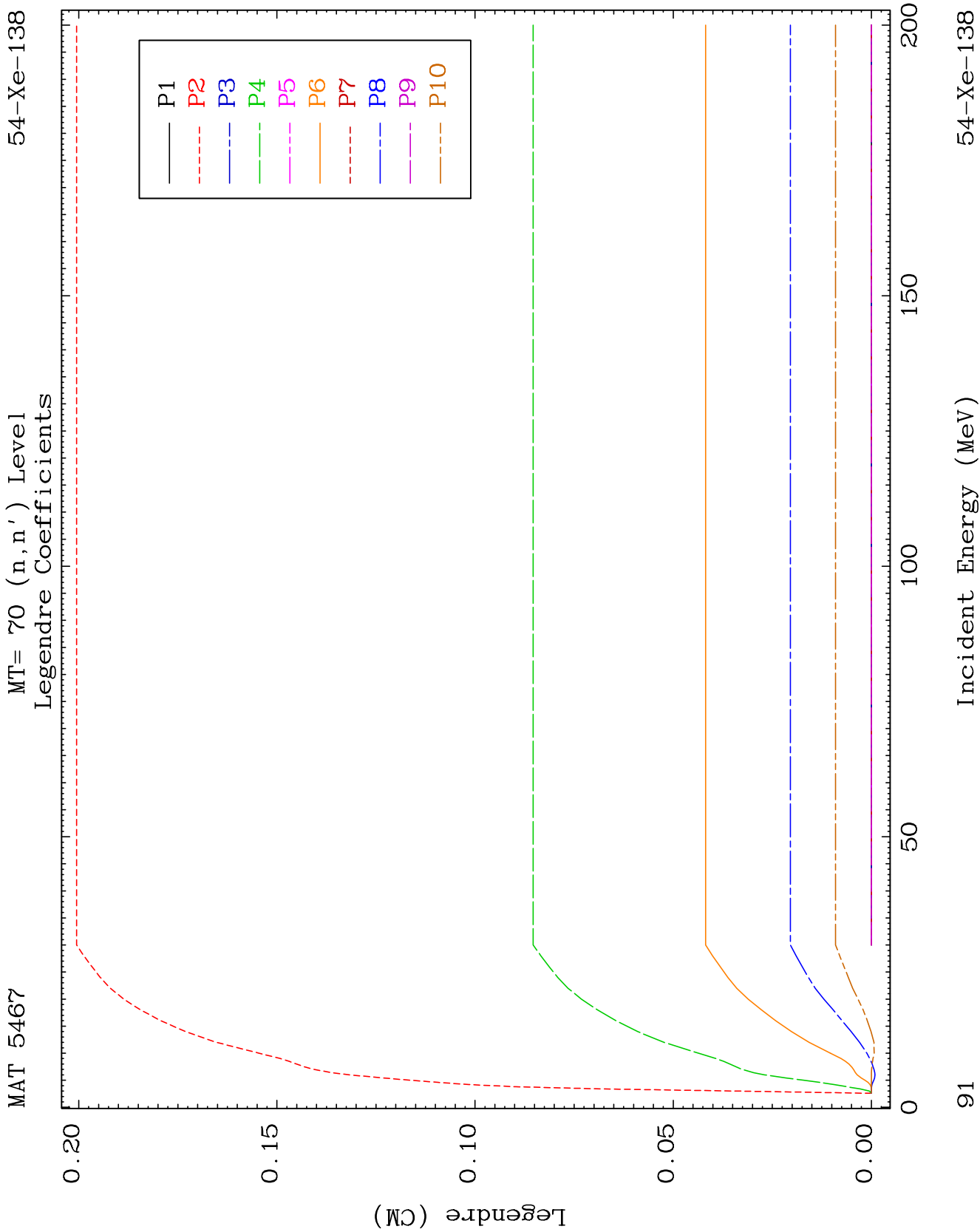


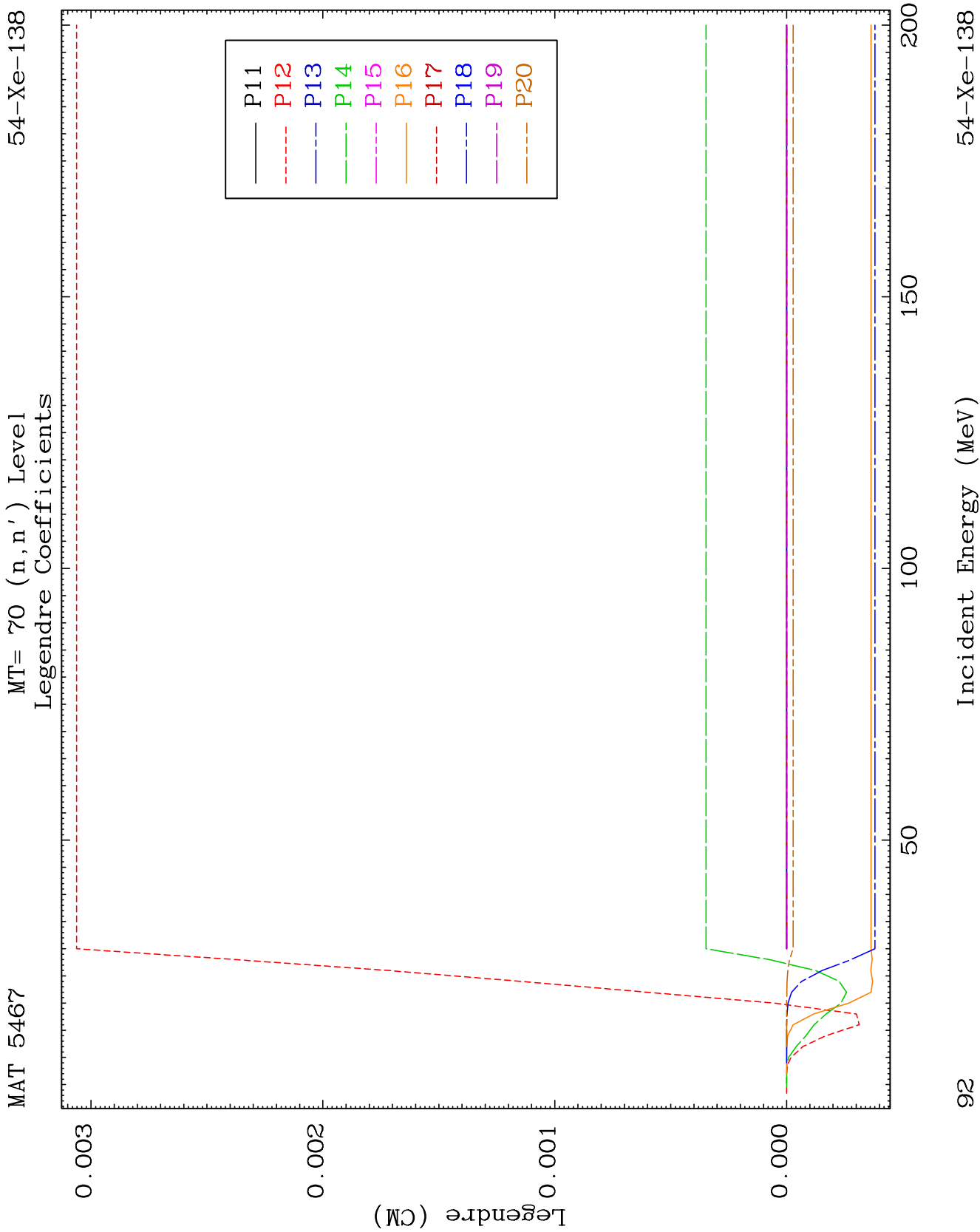


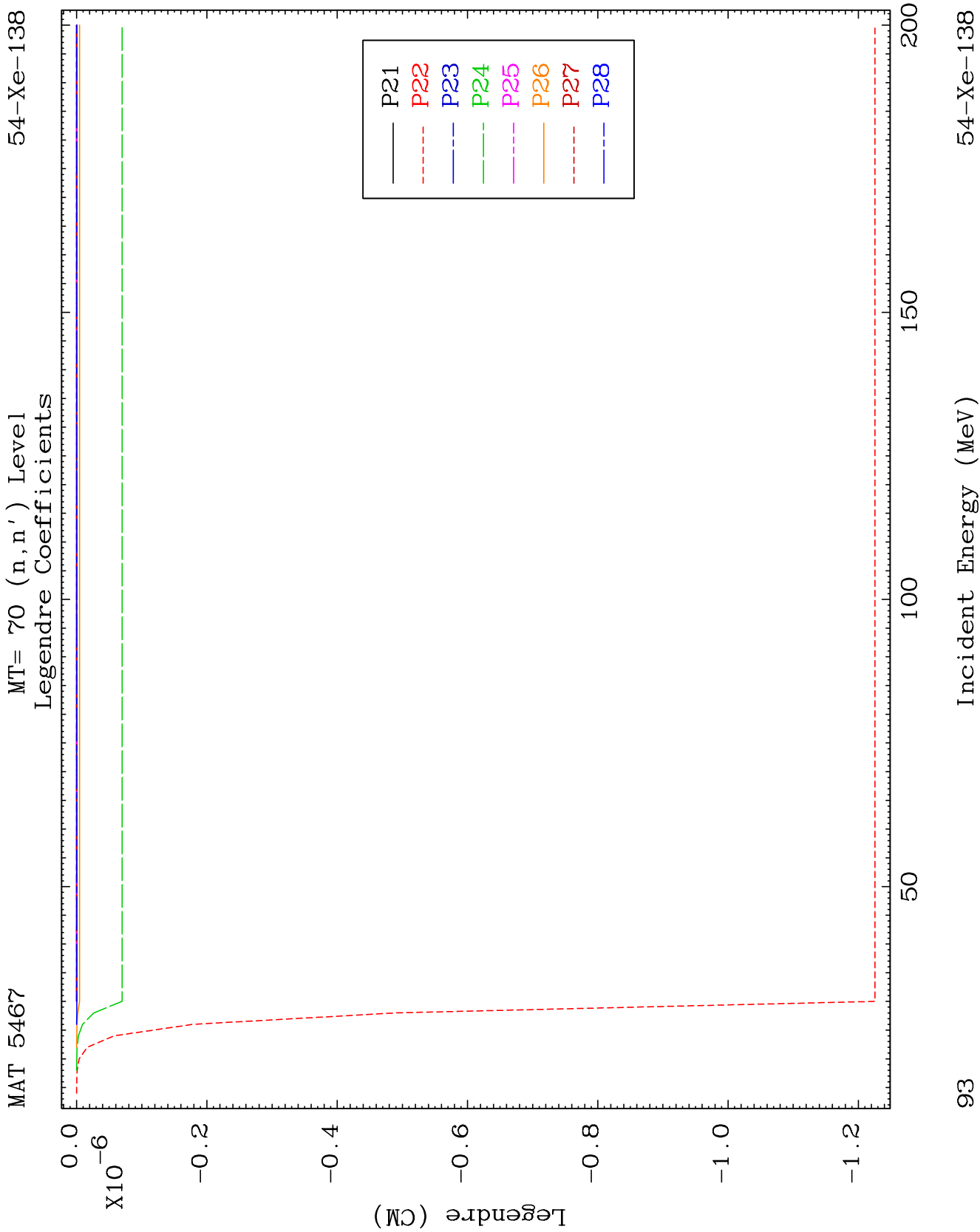


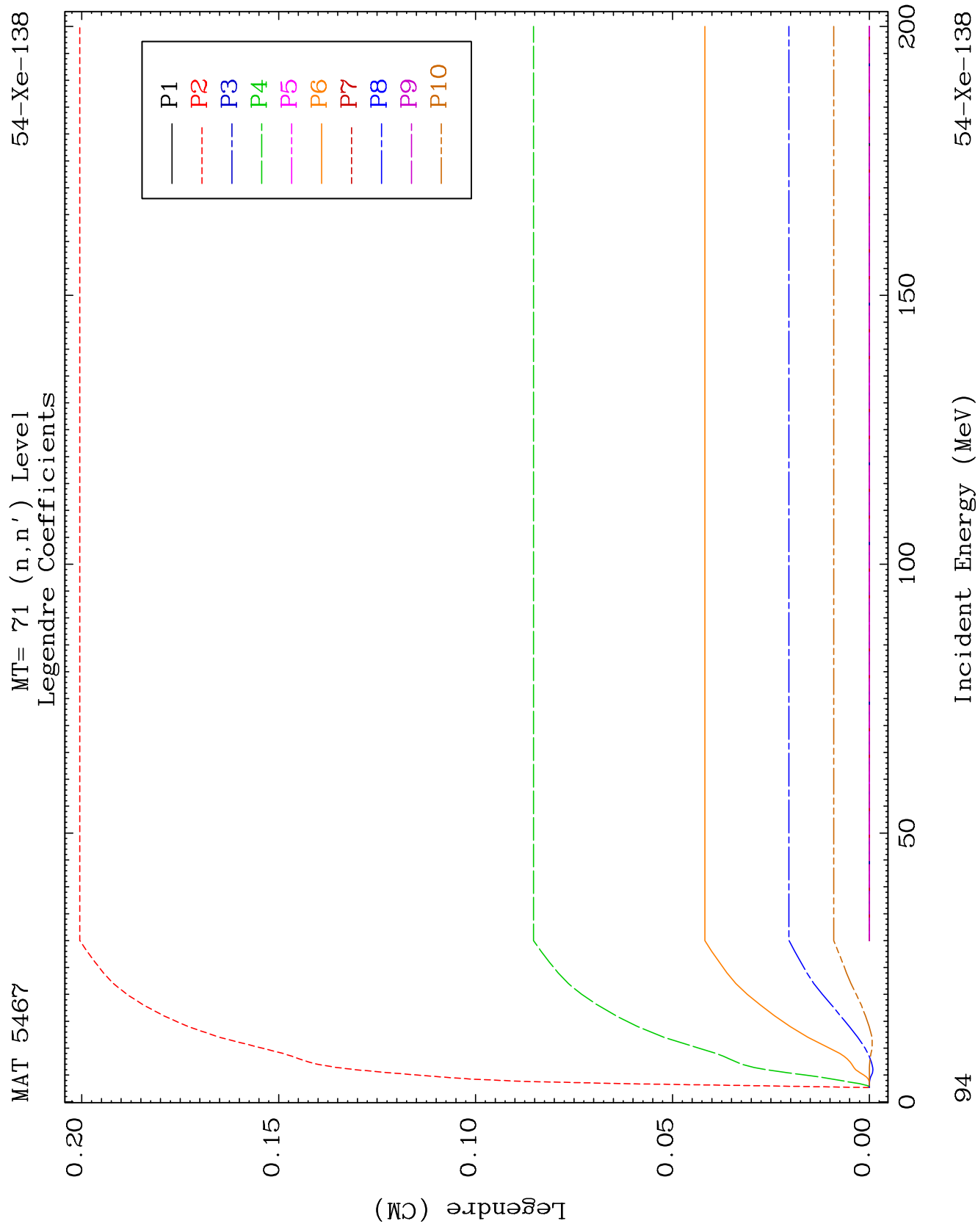


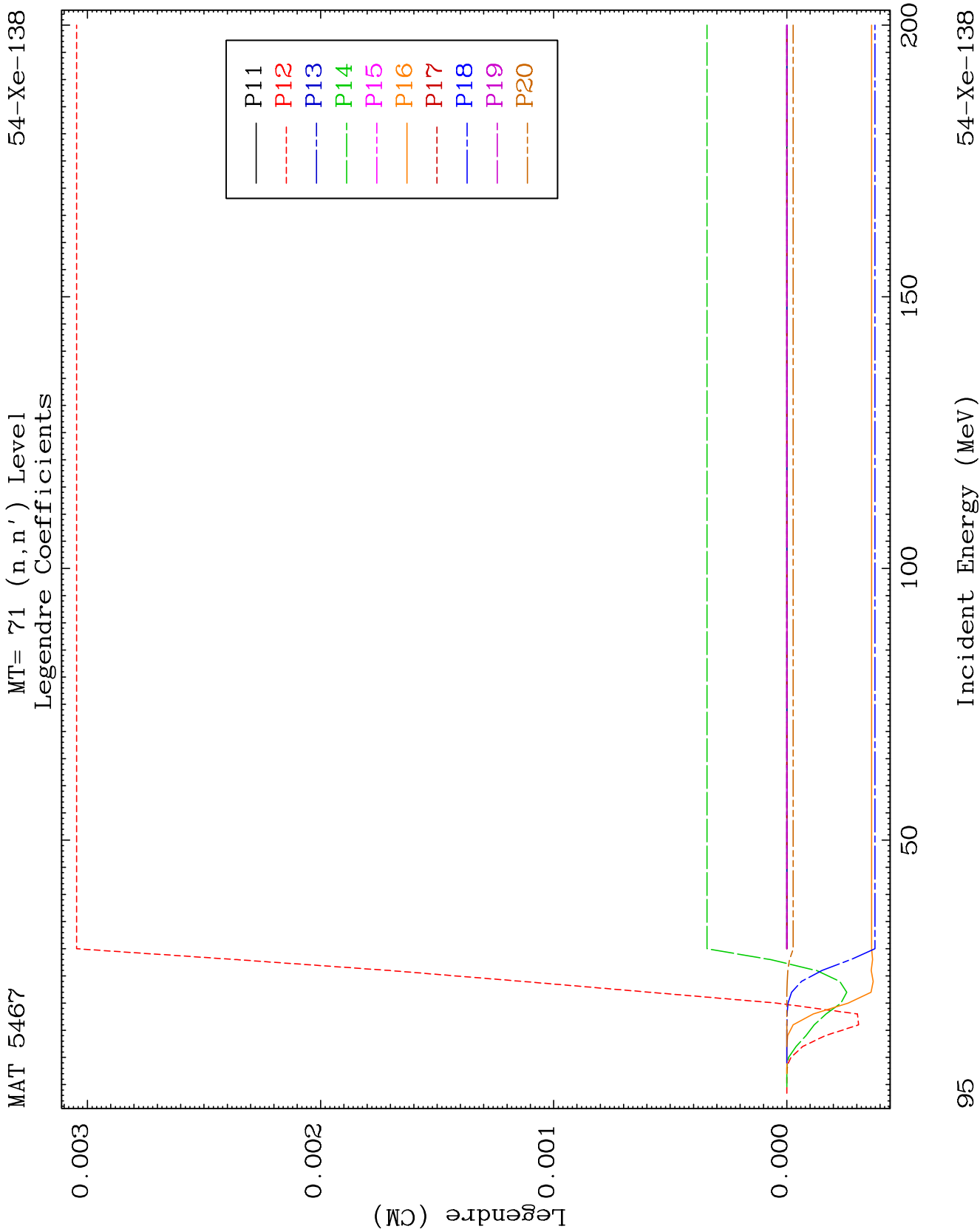


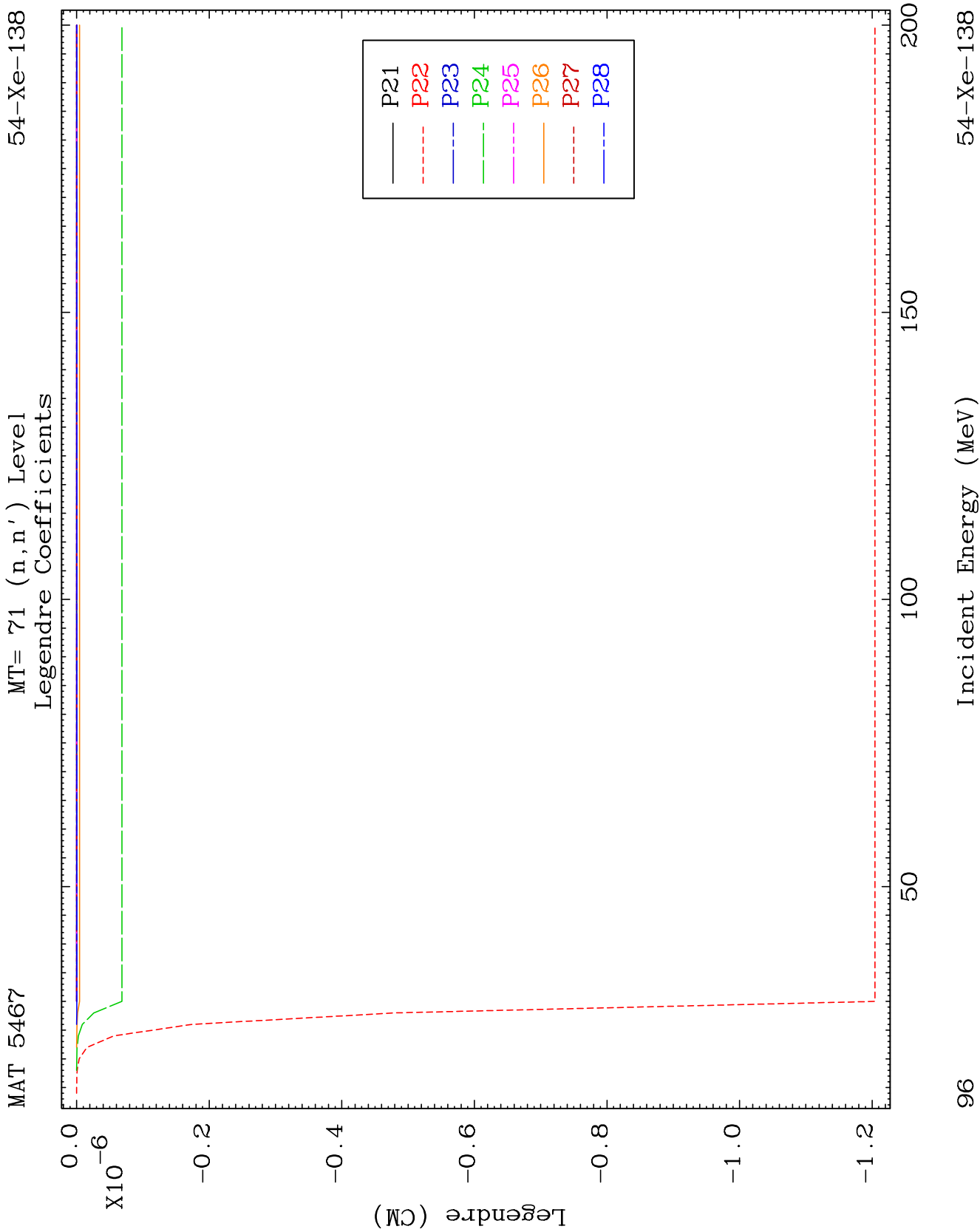


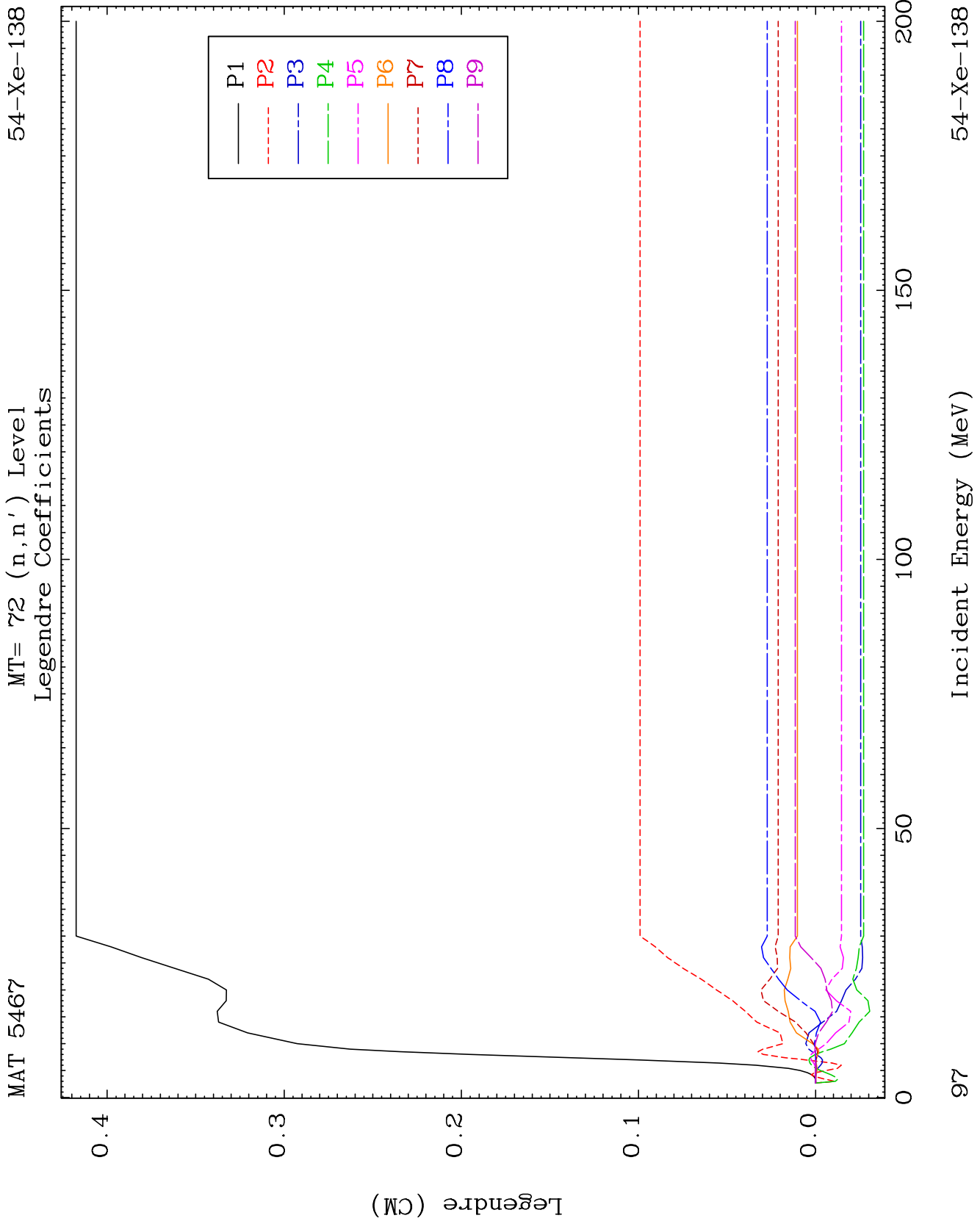








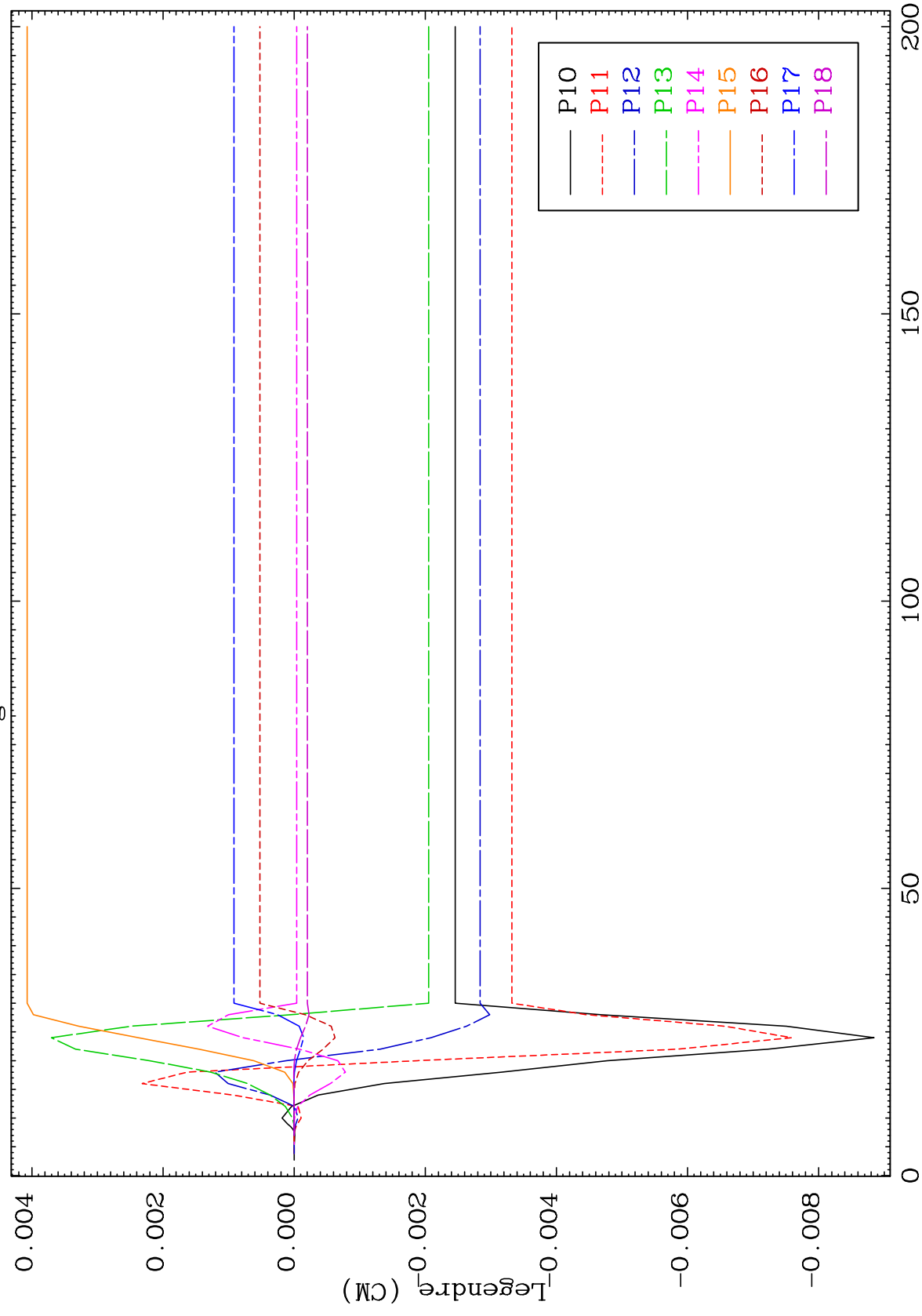




MAT 5467

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

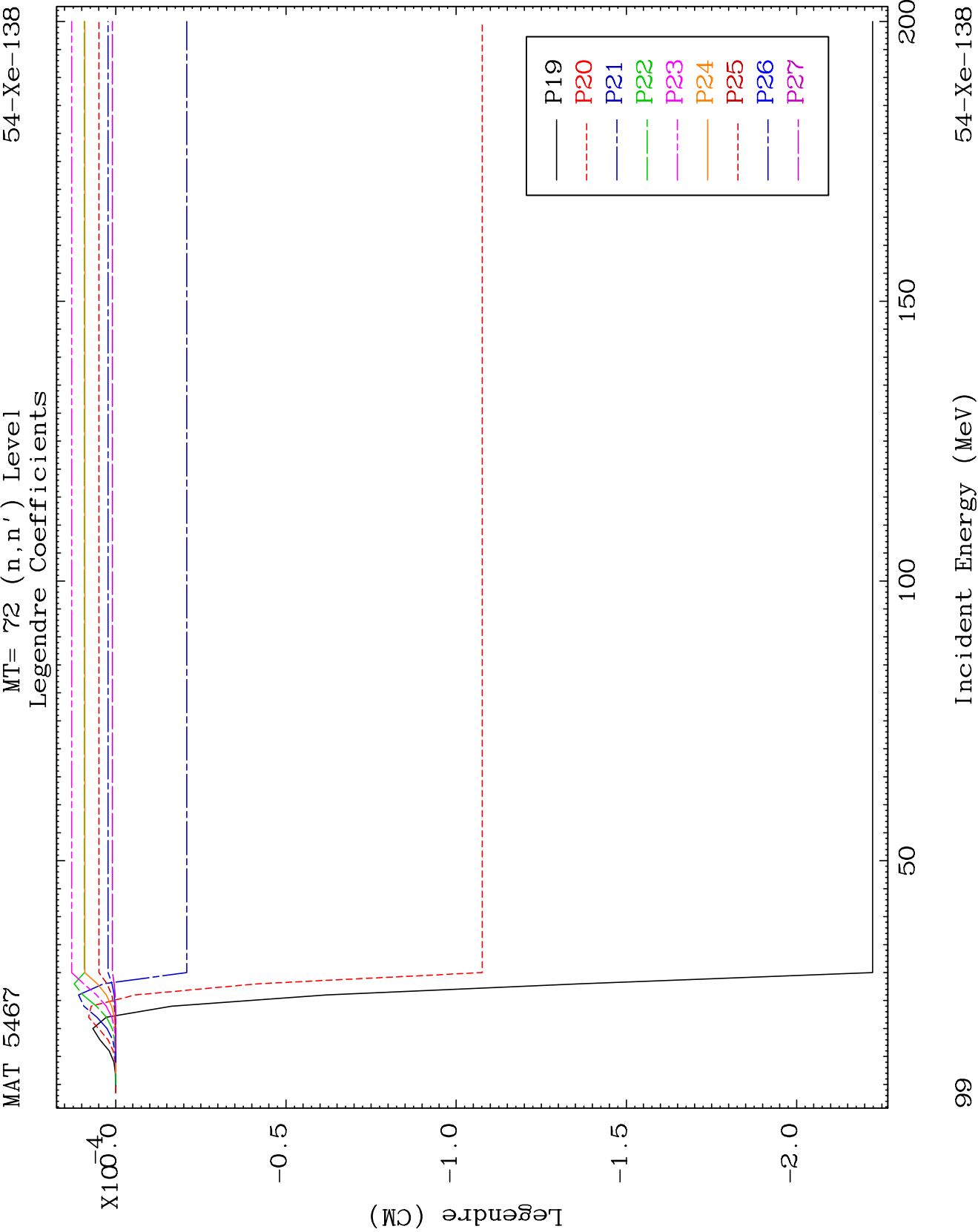
54-Xe-138

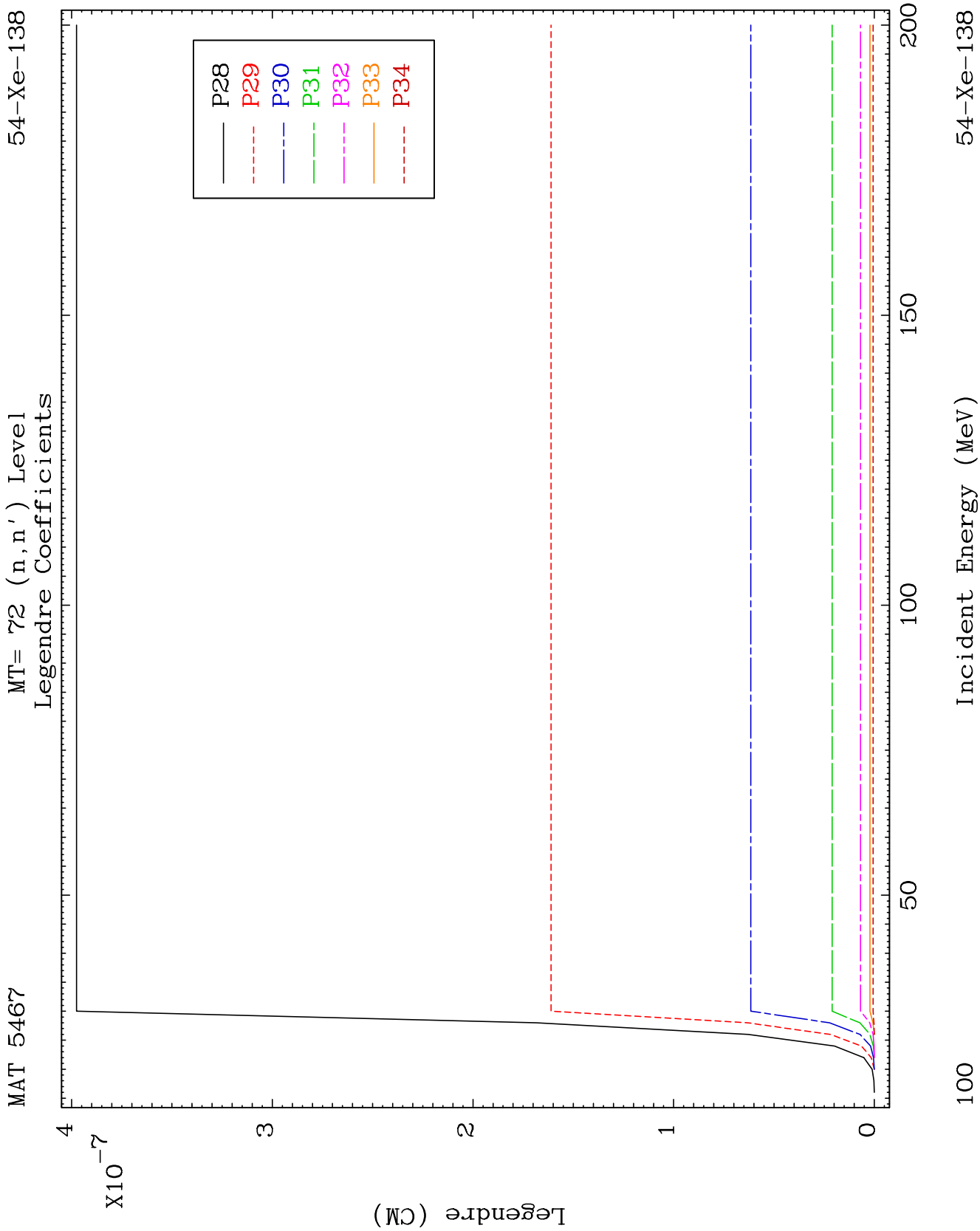


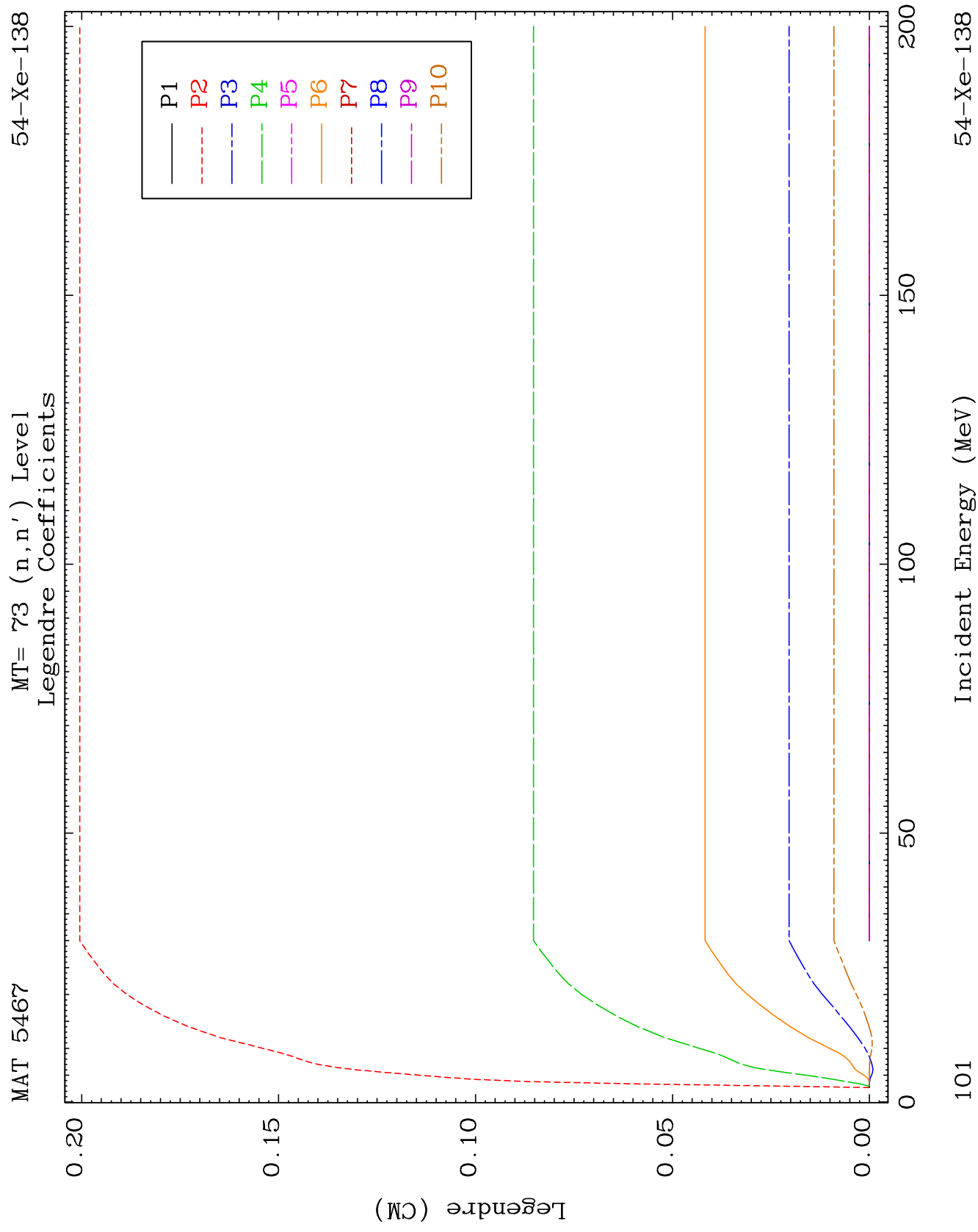
89

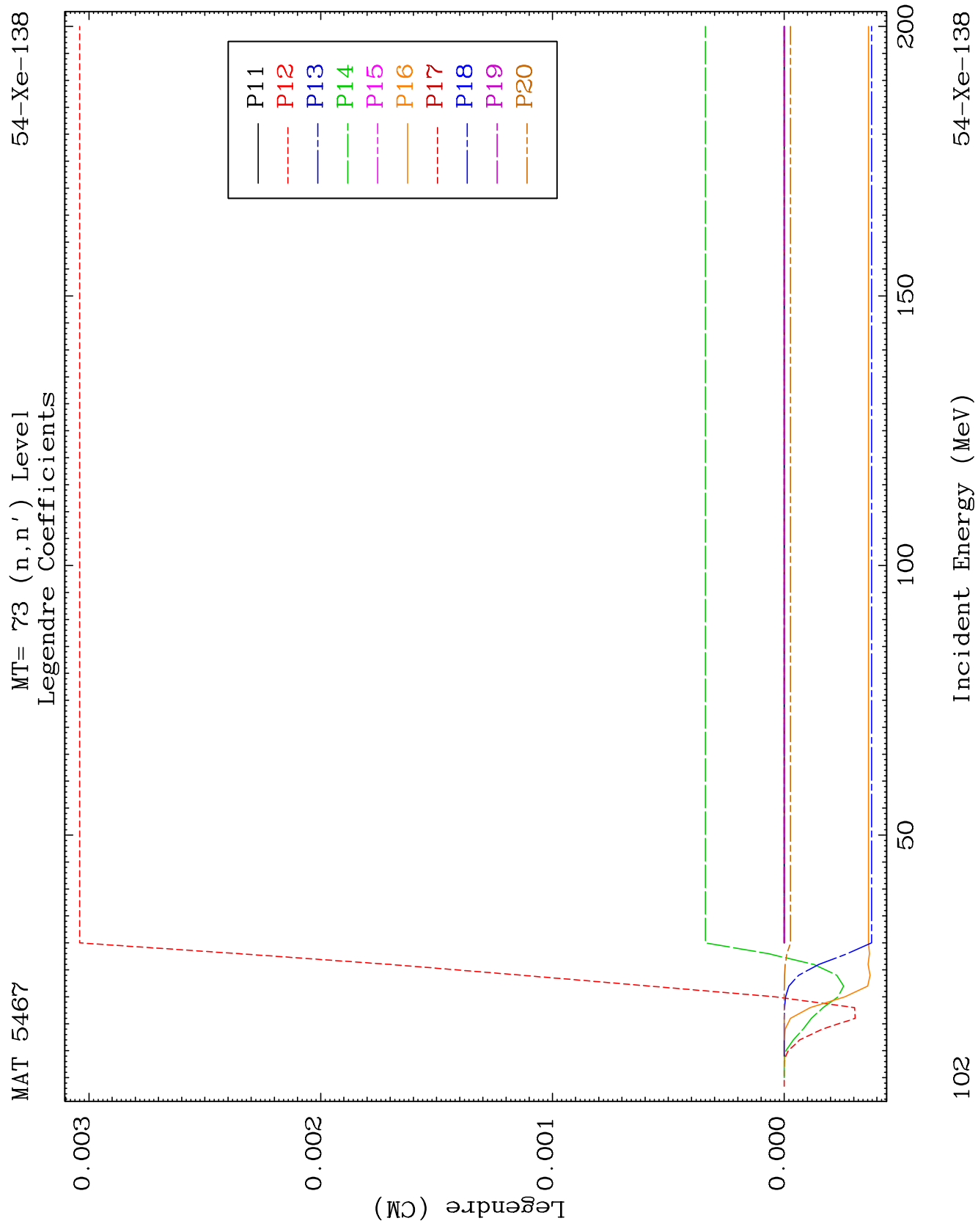
Incident Energy (MeV)

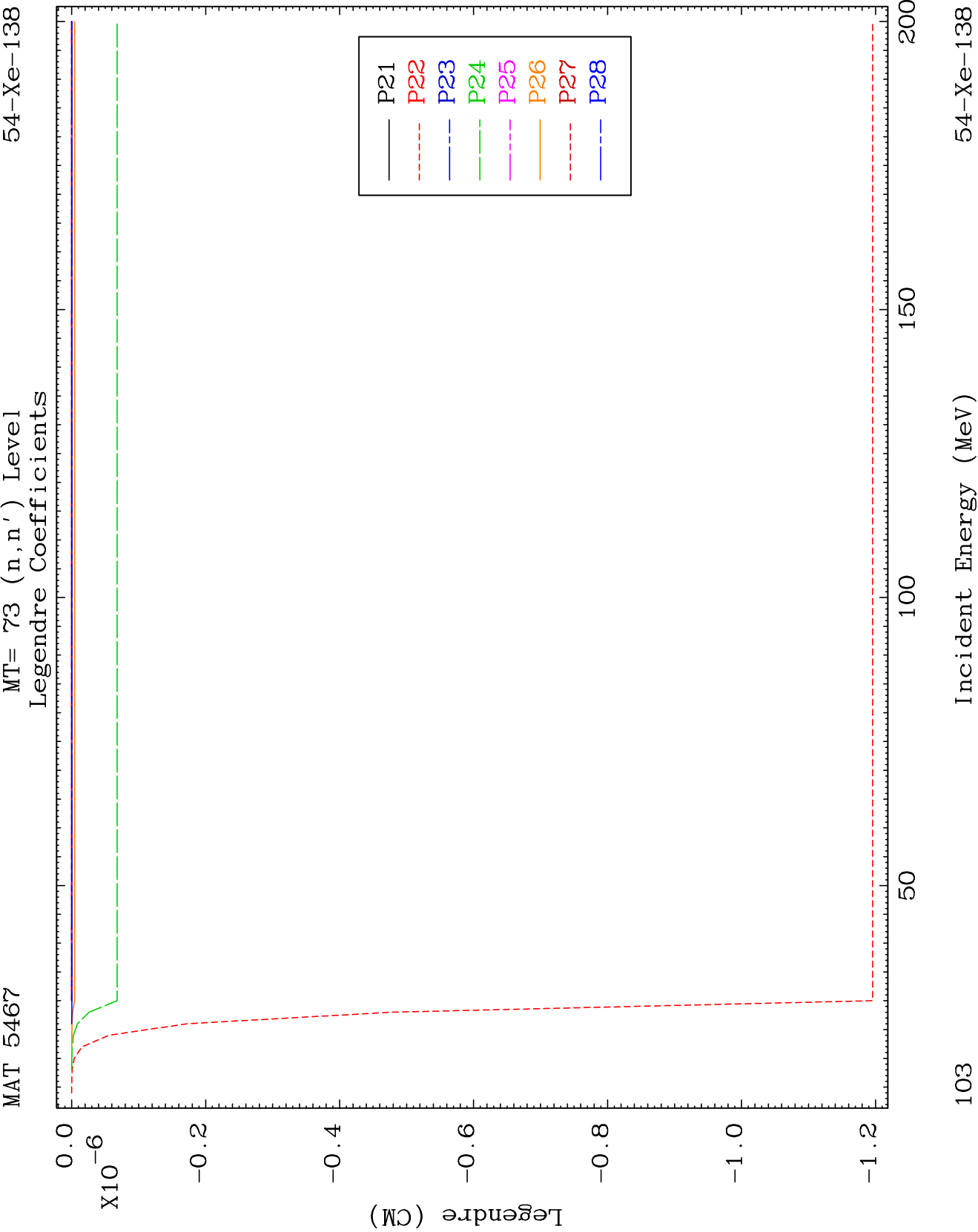
54-Xe-138







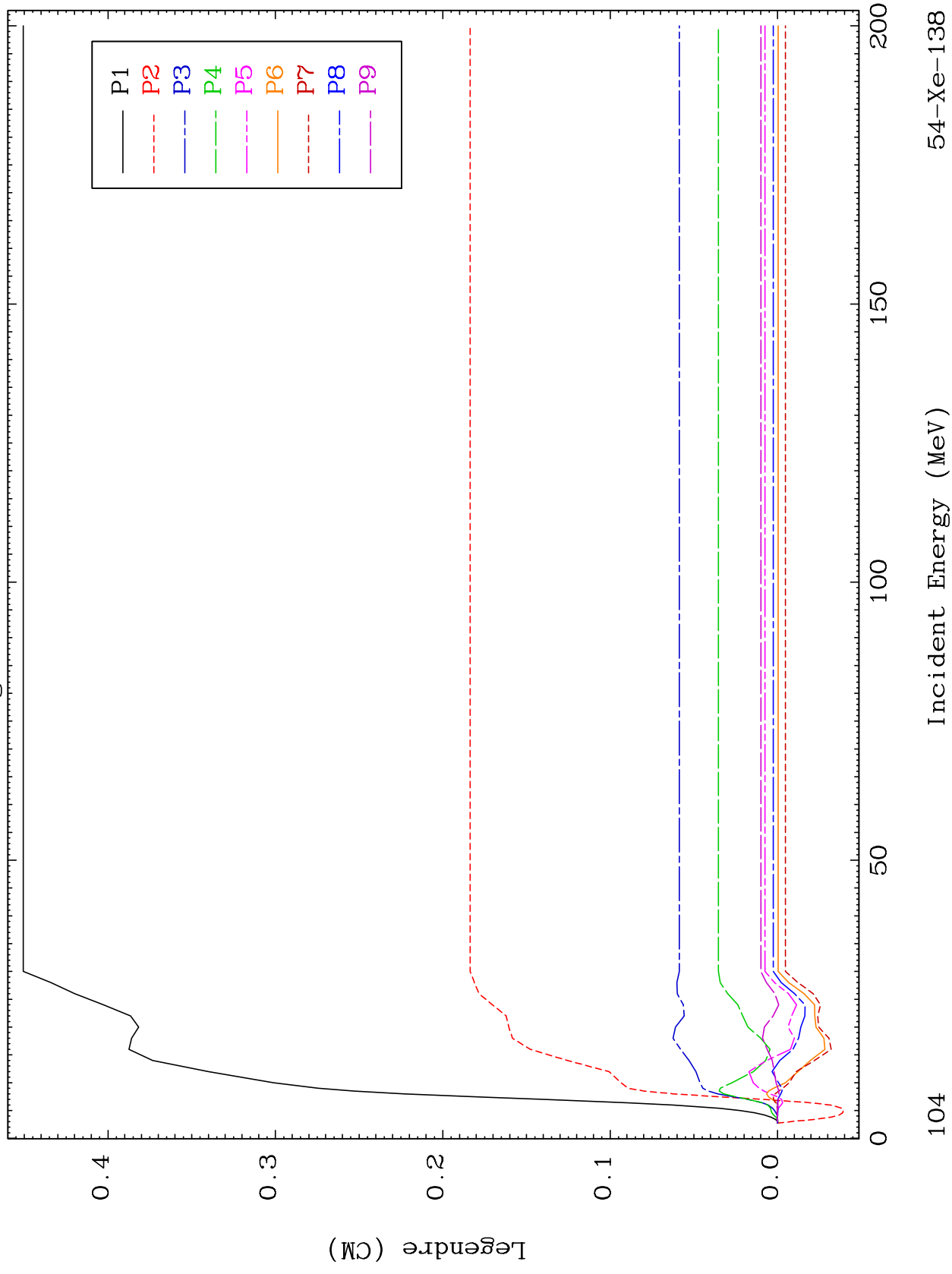




MAT 5467

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

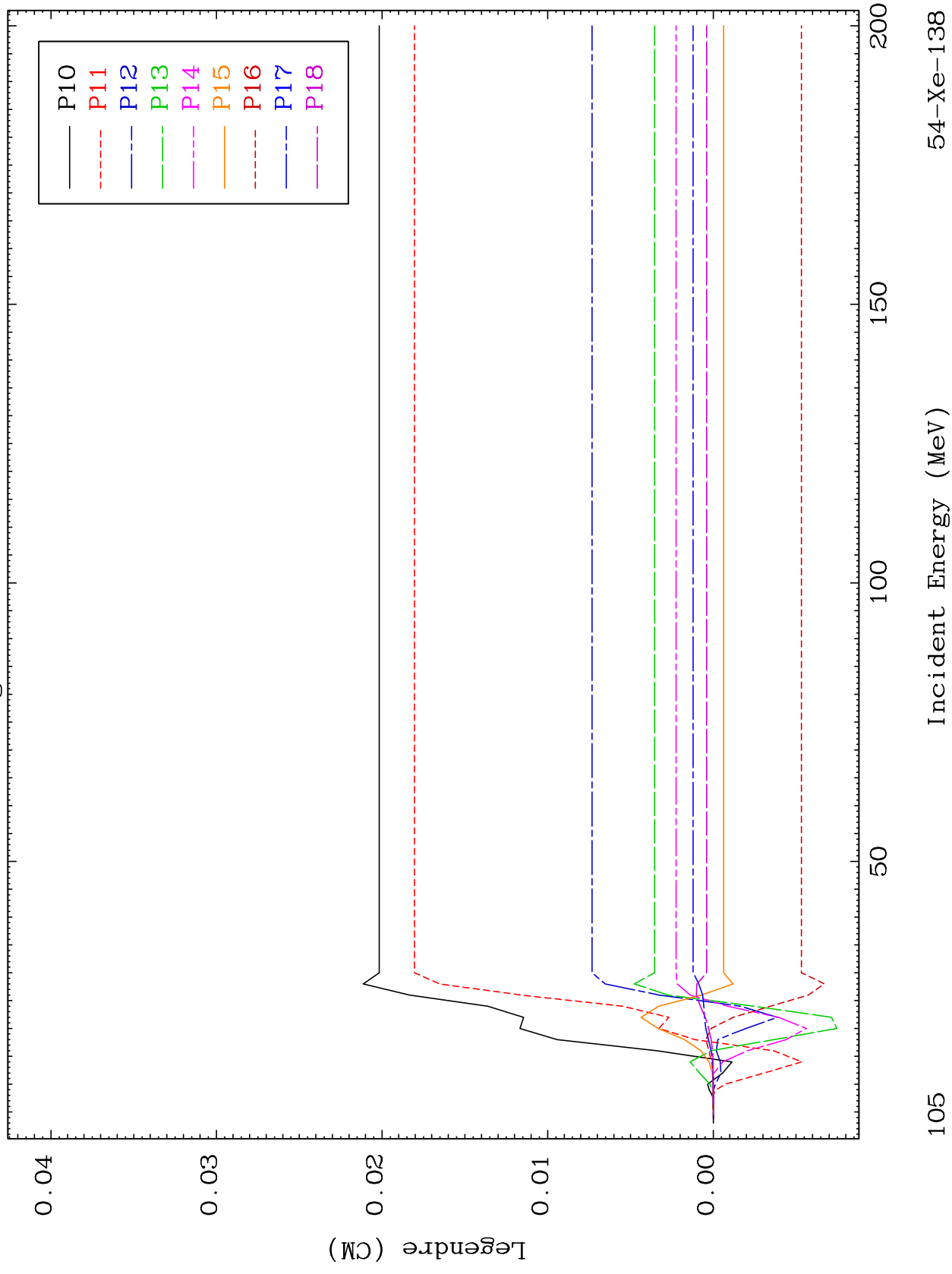
54-Xe-138



MAT 5467

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

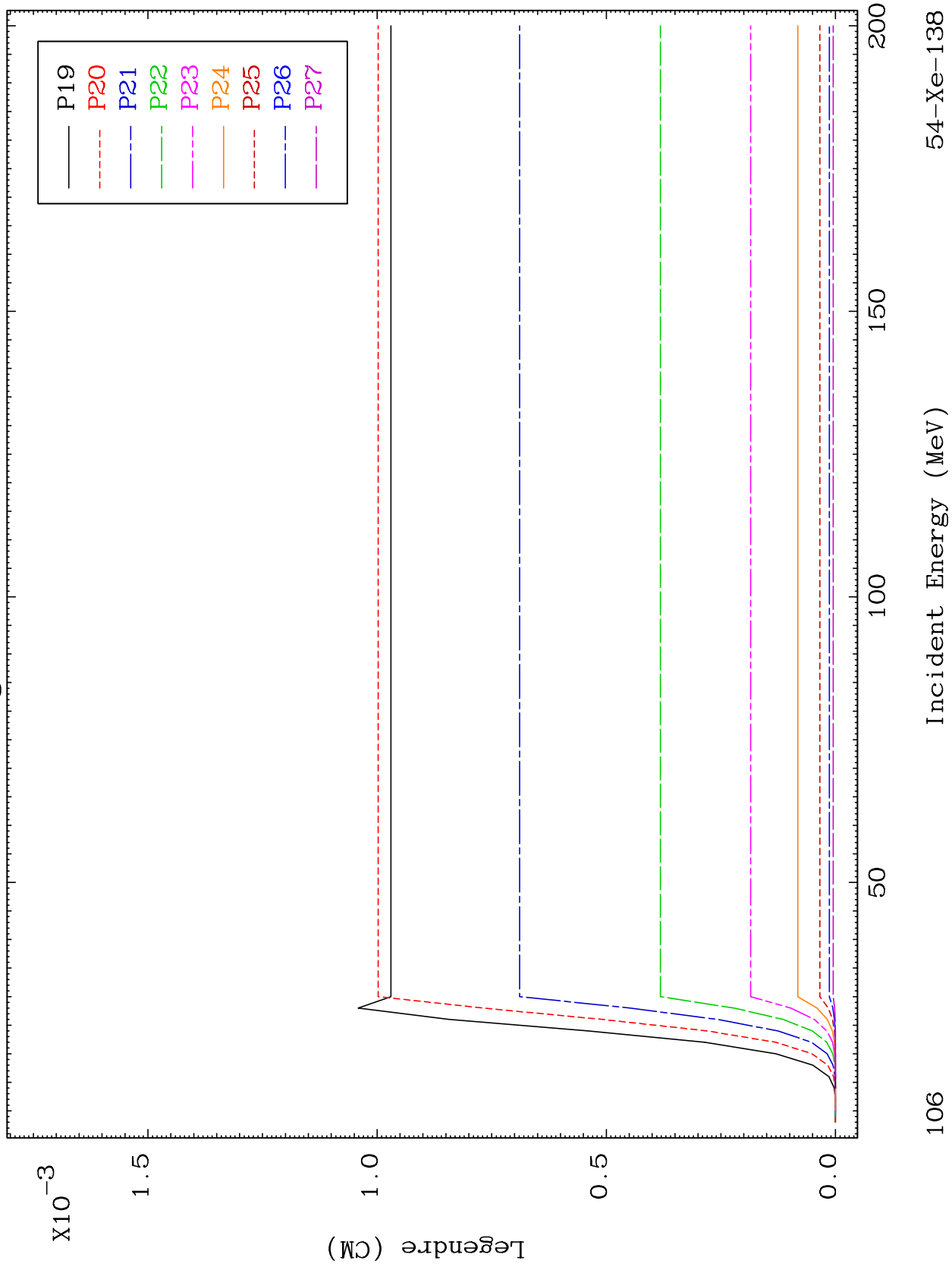
54-Xe-138

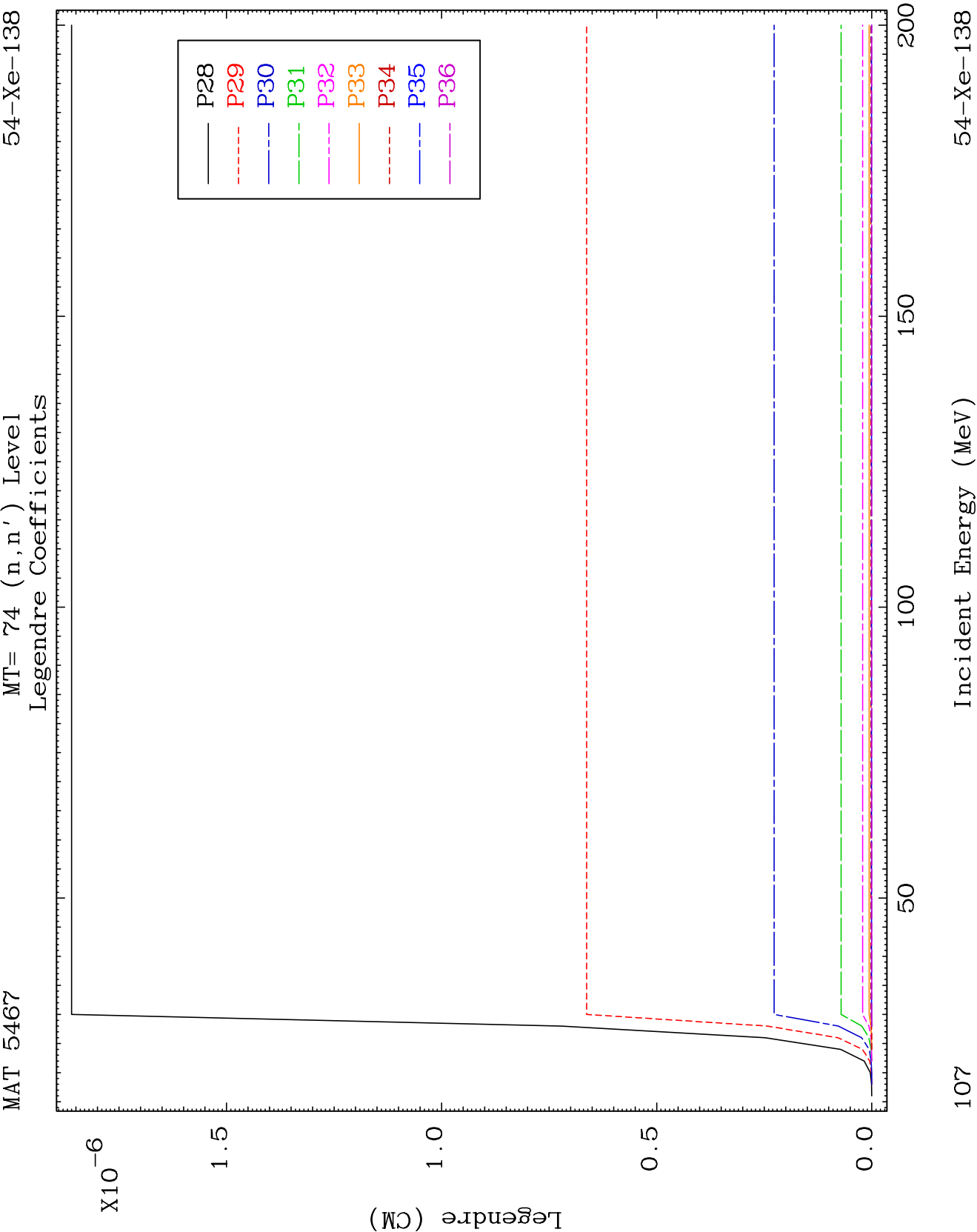


MAT 5467

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

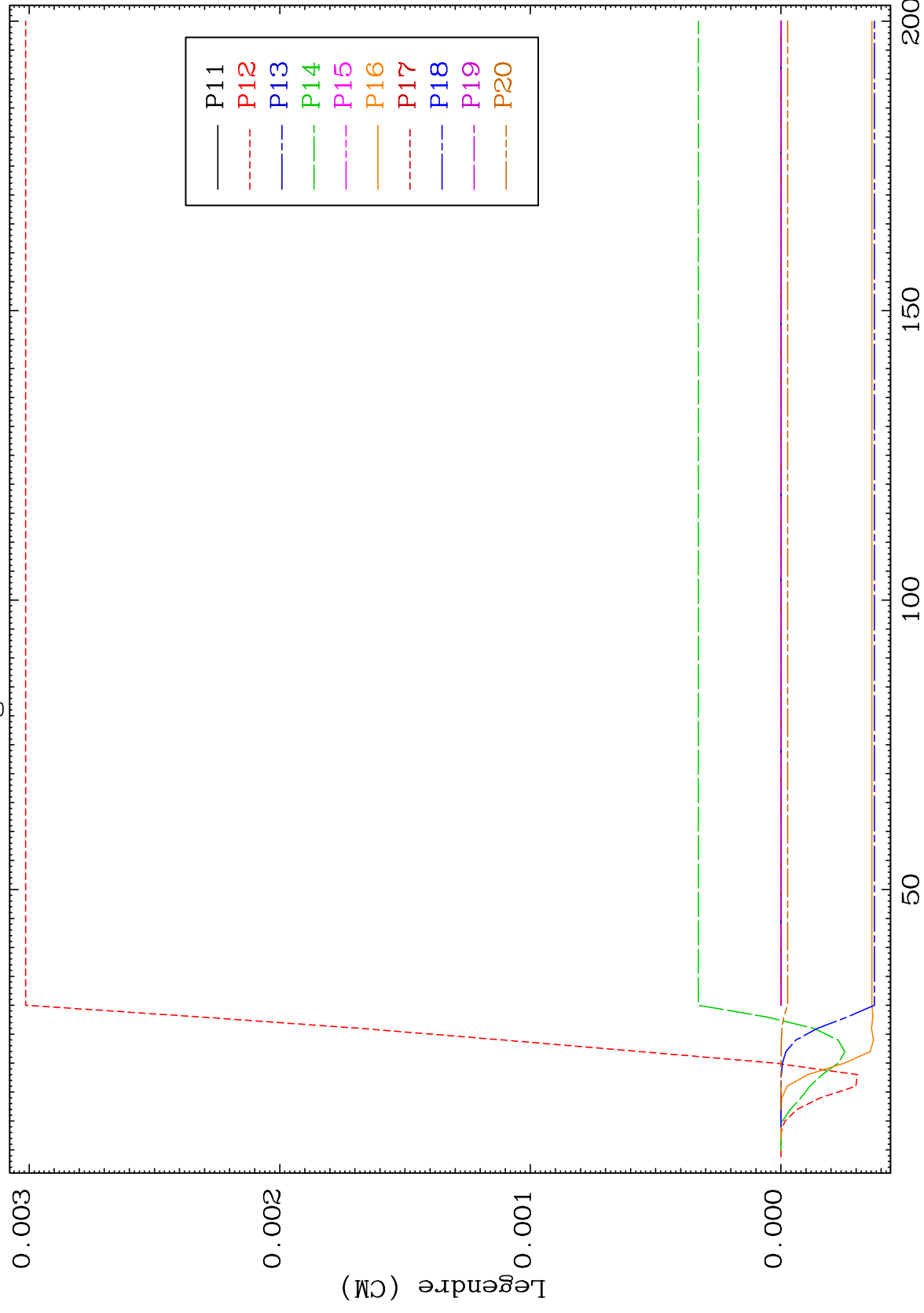
54-Xe-138





MAT 5467

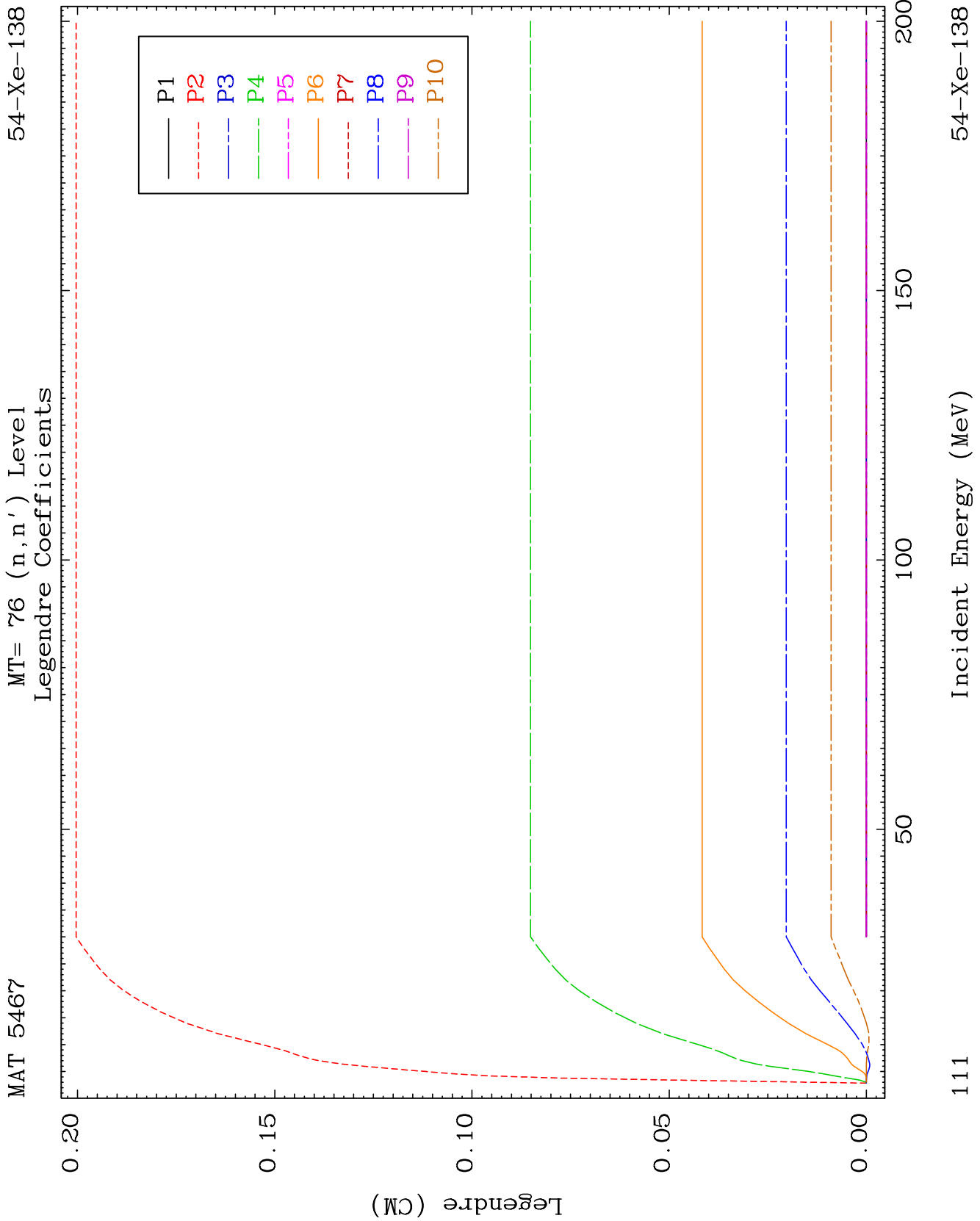
MT= 75 (n, n') Level
Legendre Coefficients

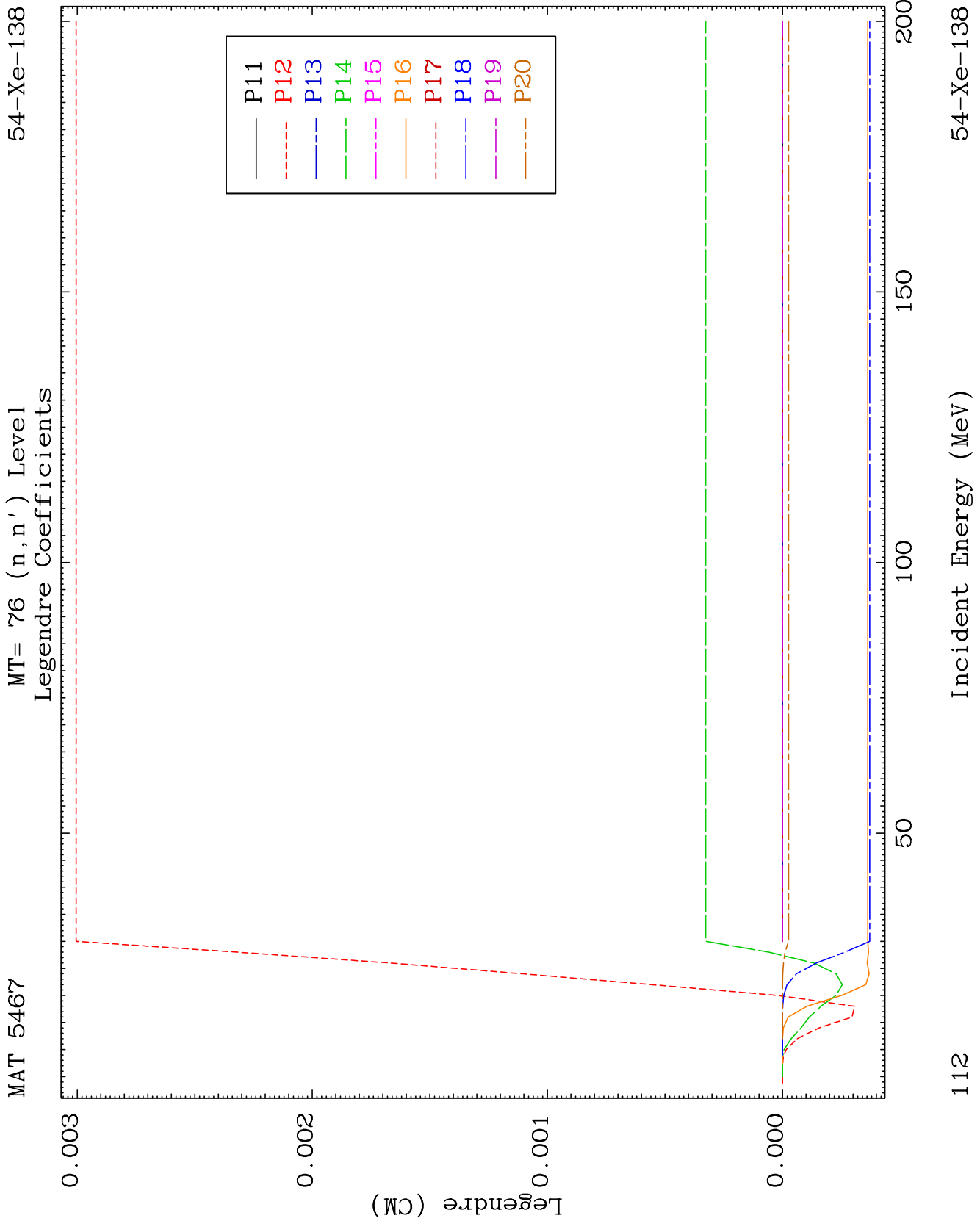
 $^{54}\text{-Xe-138}$ 

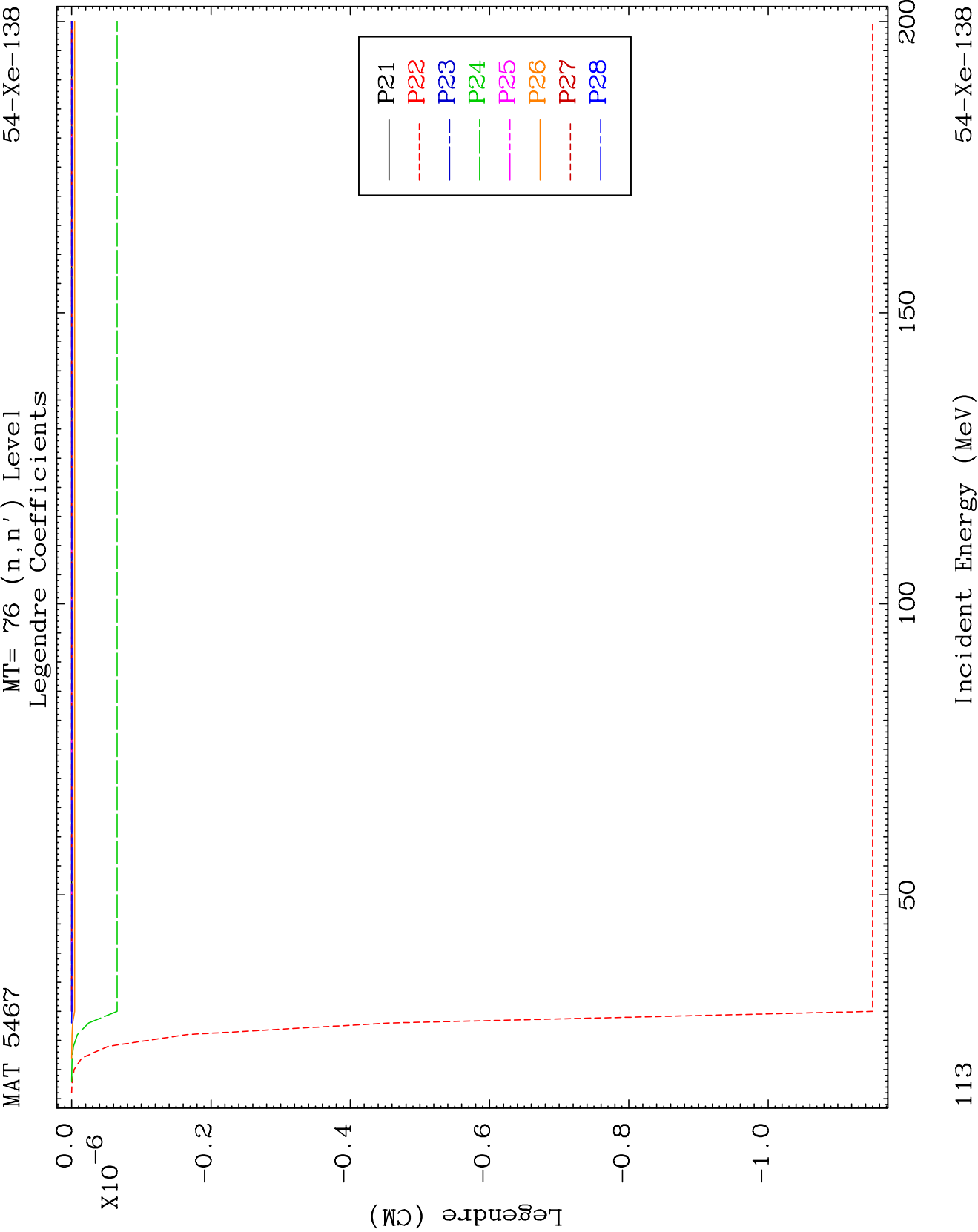
109

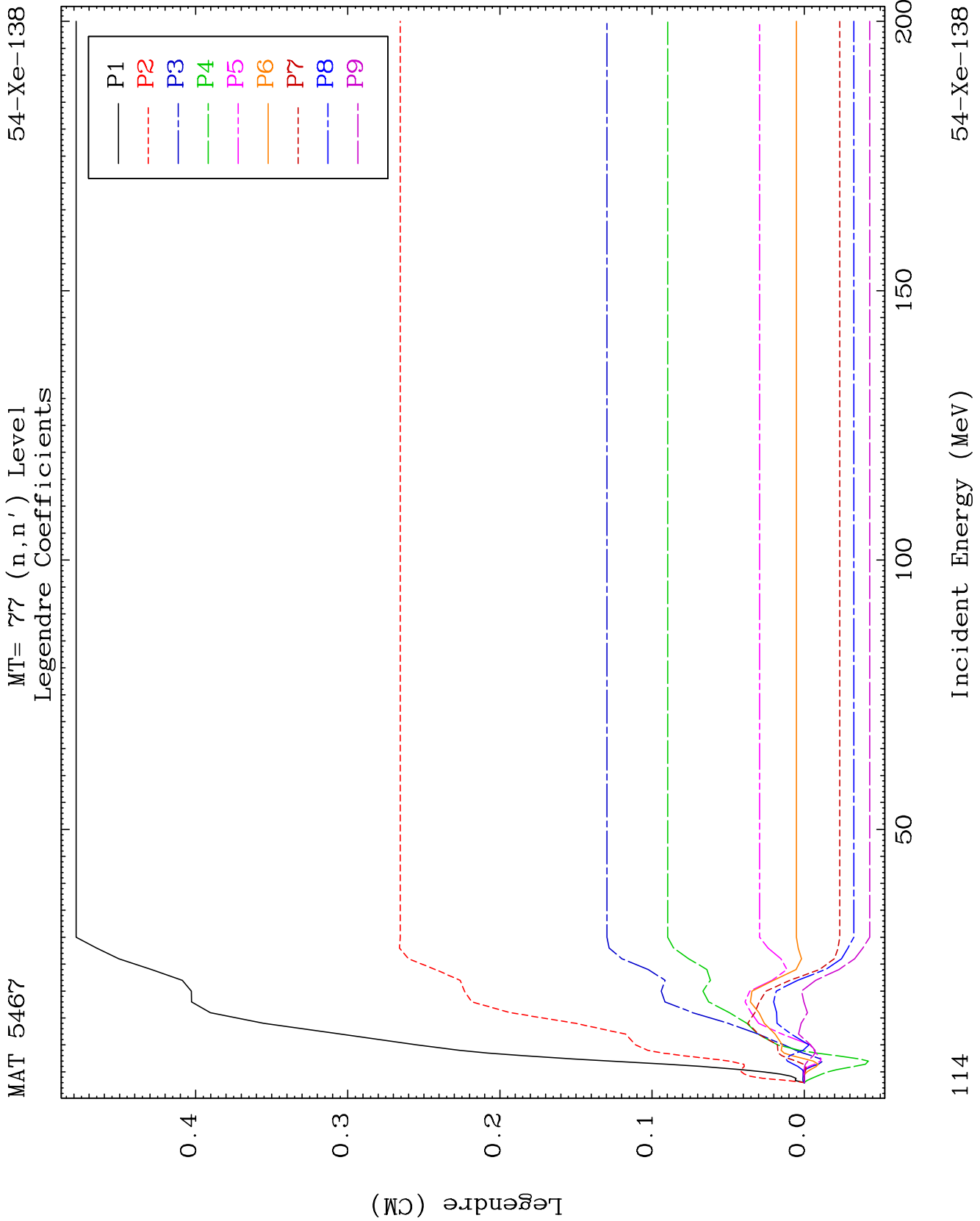
Incident Energy (MeV)

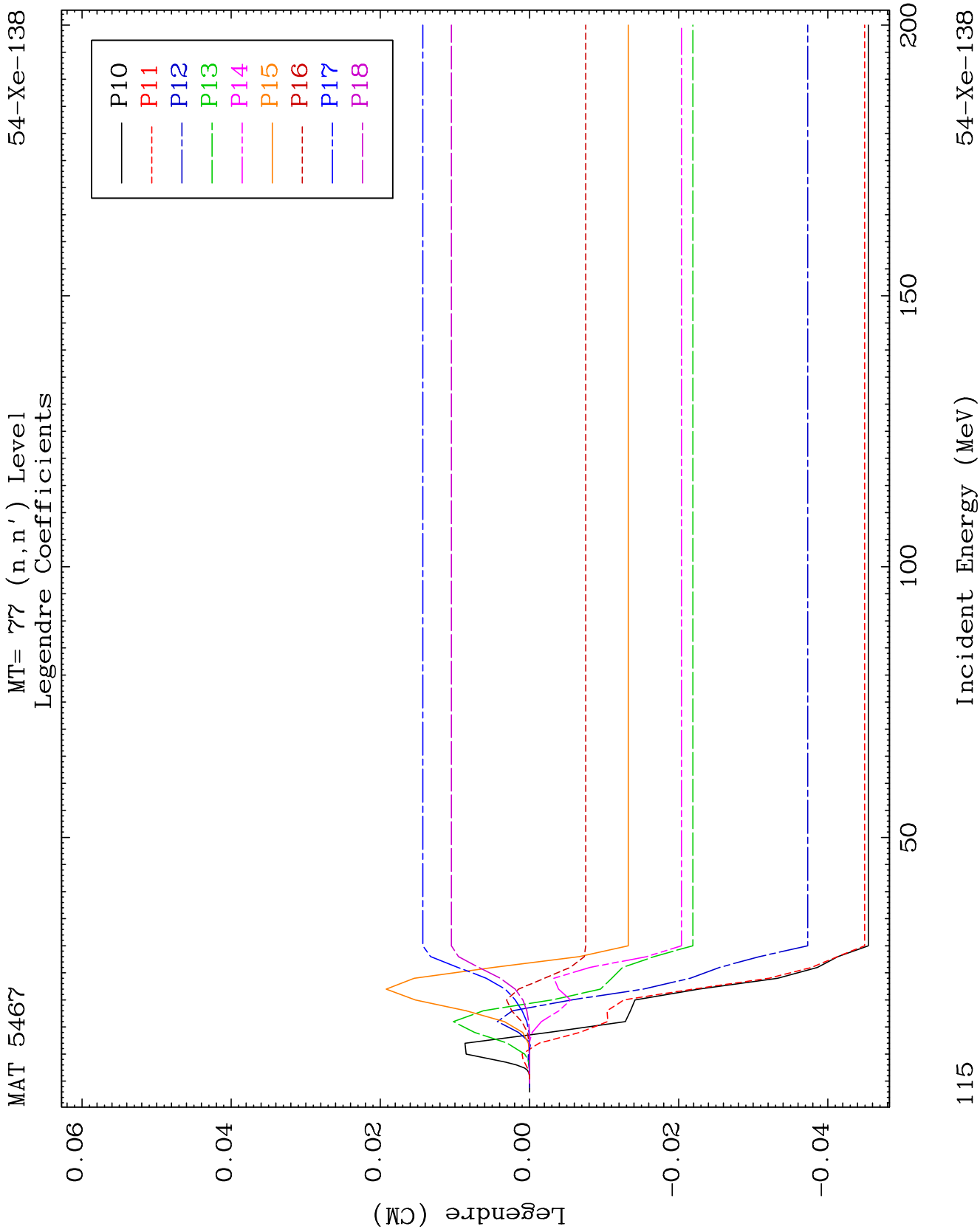
54-Xe-138

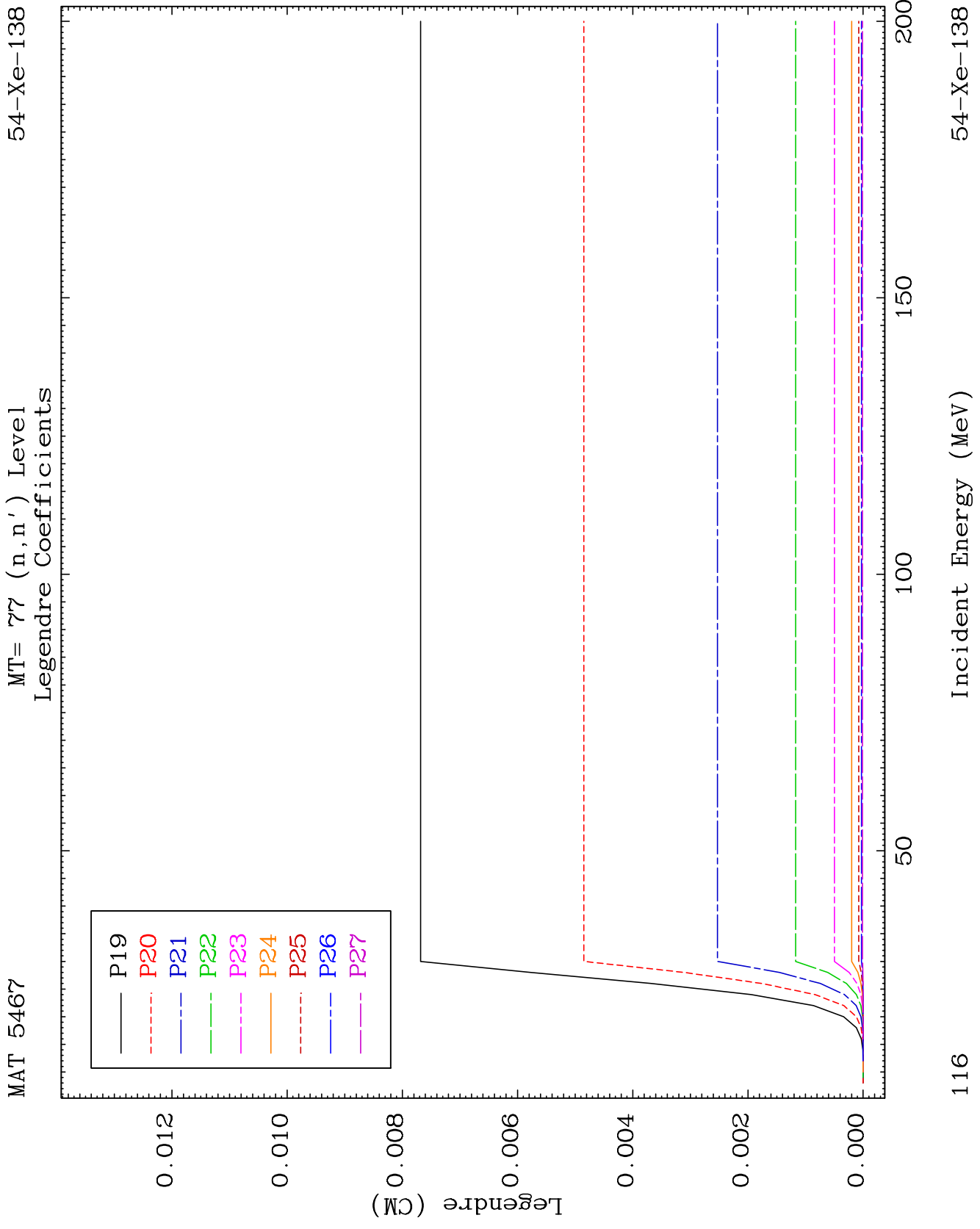


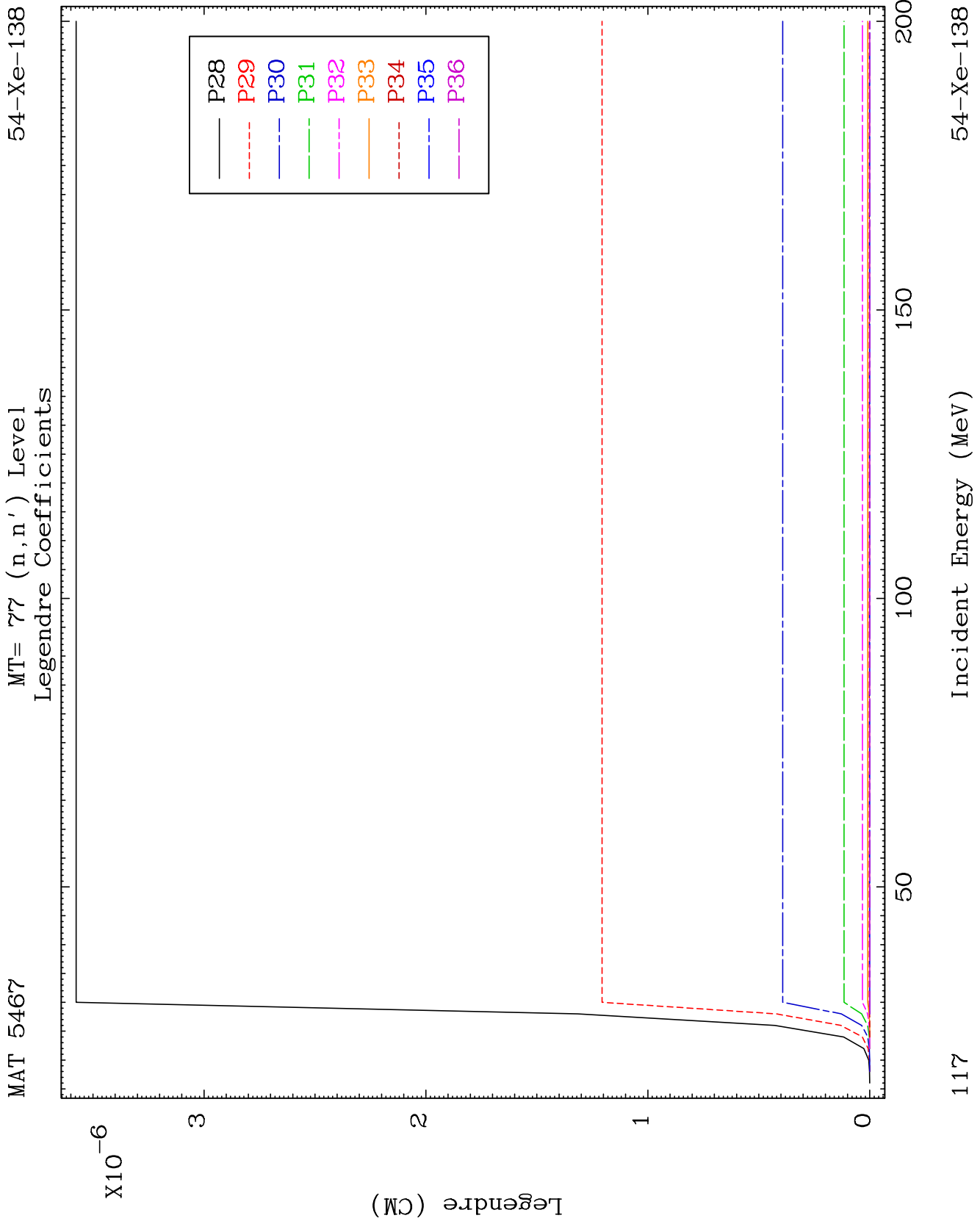


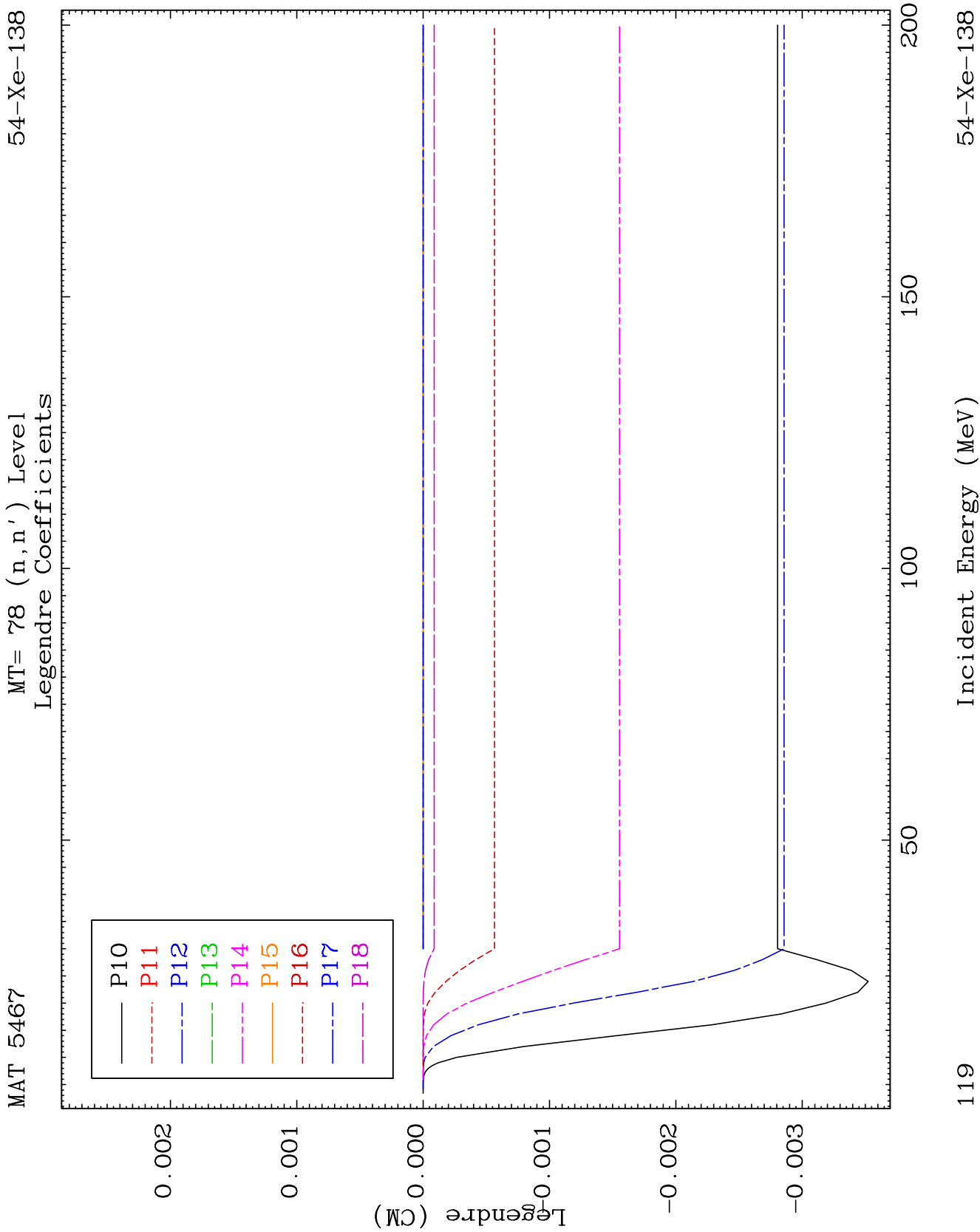


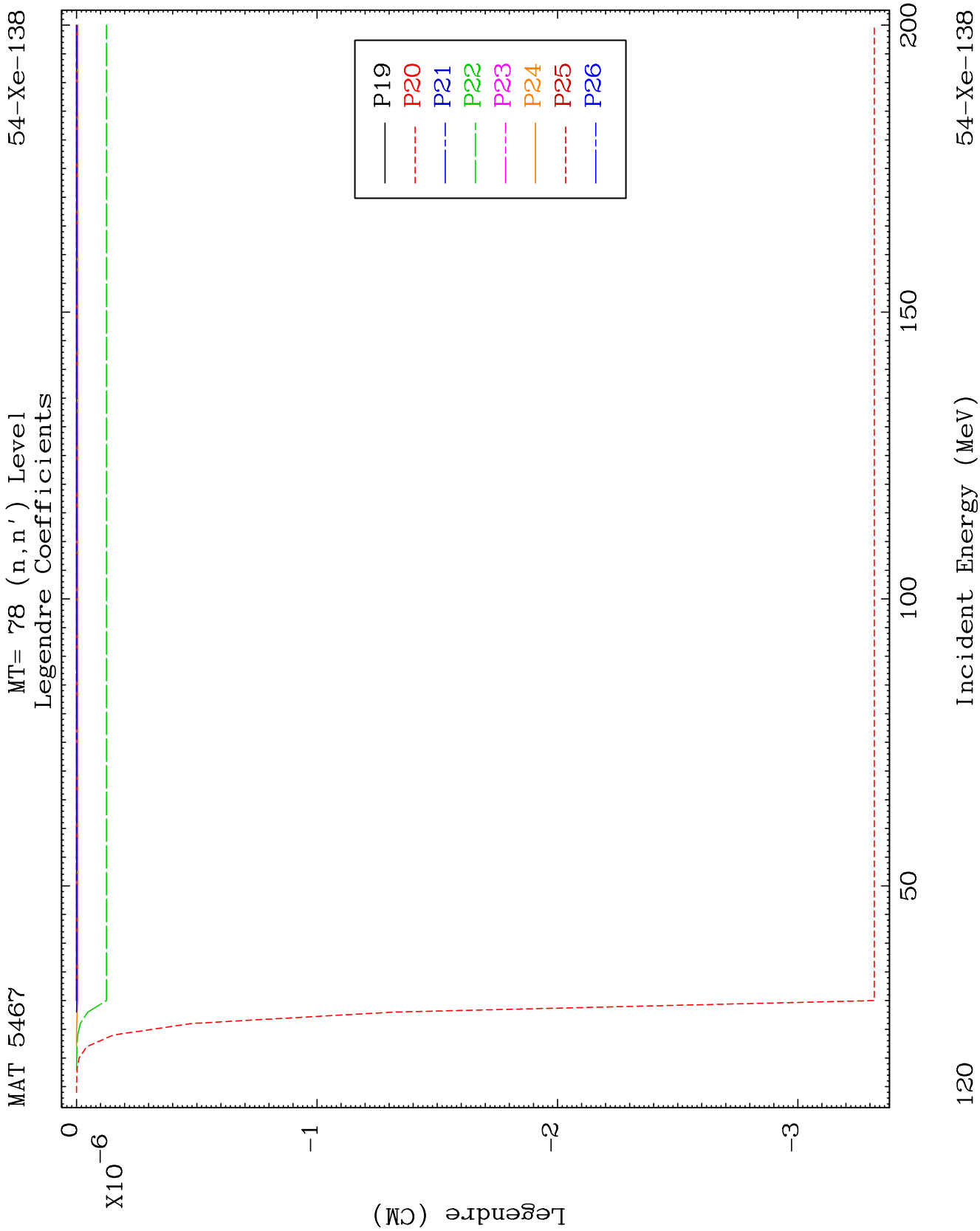


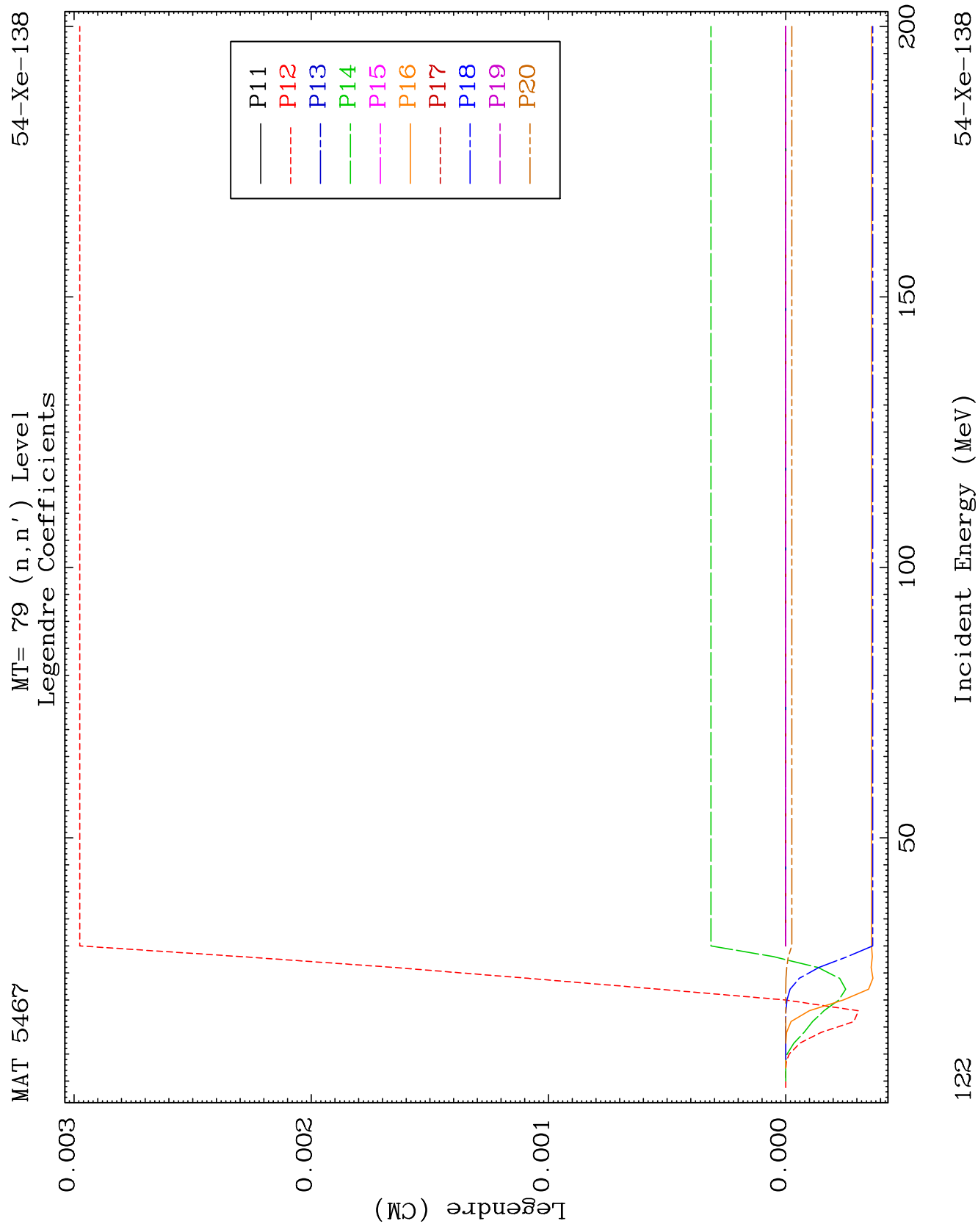


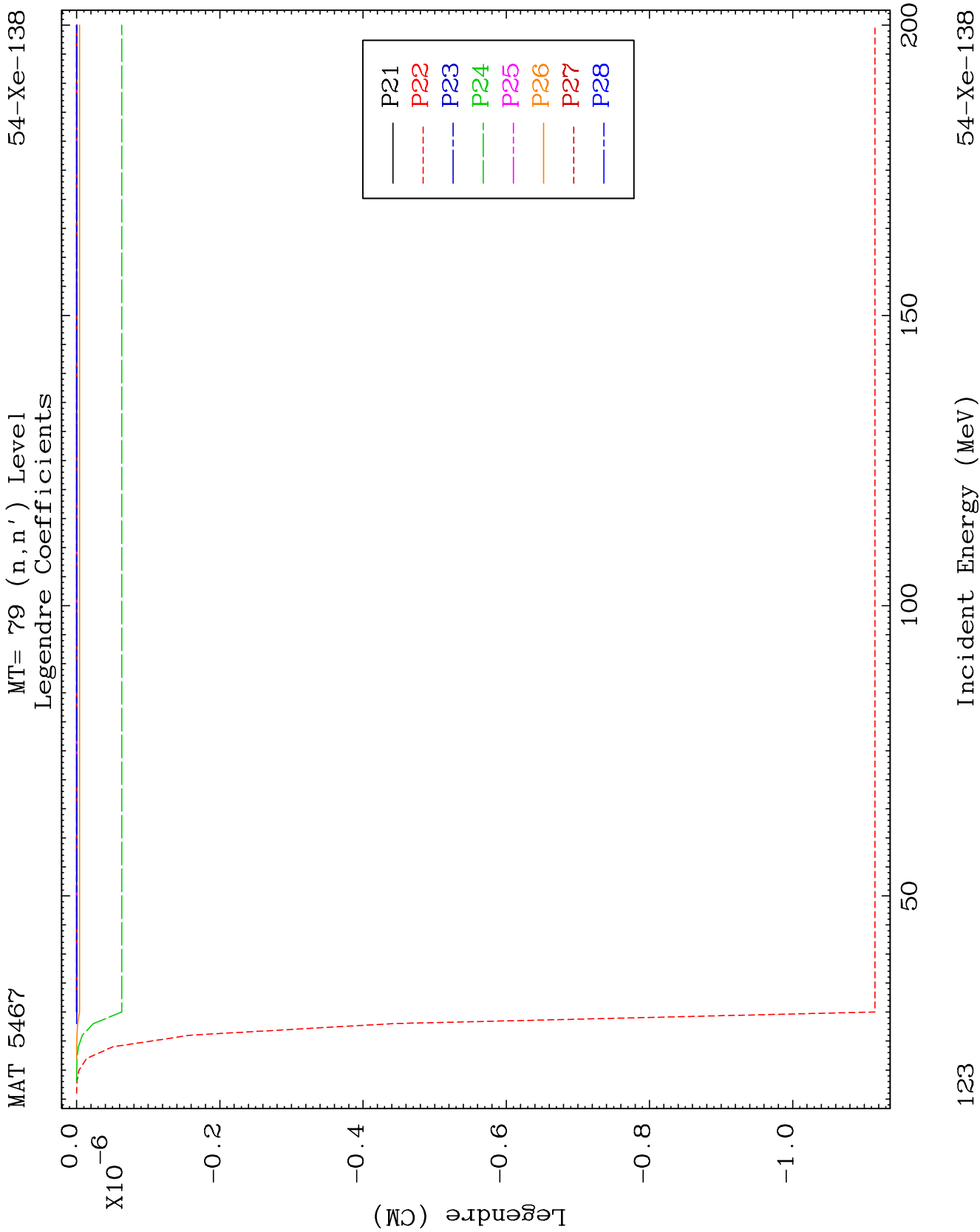








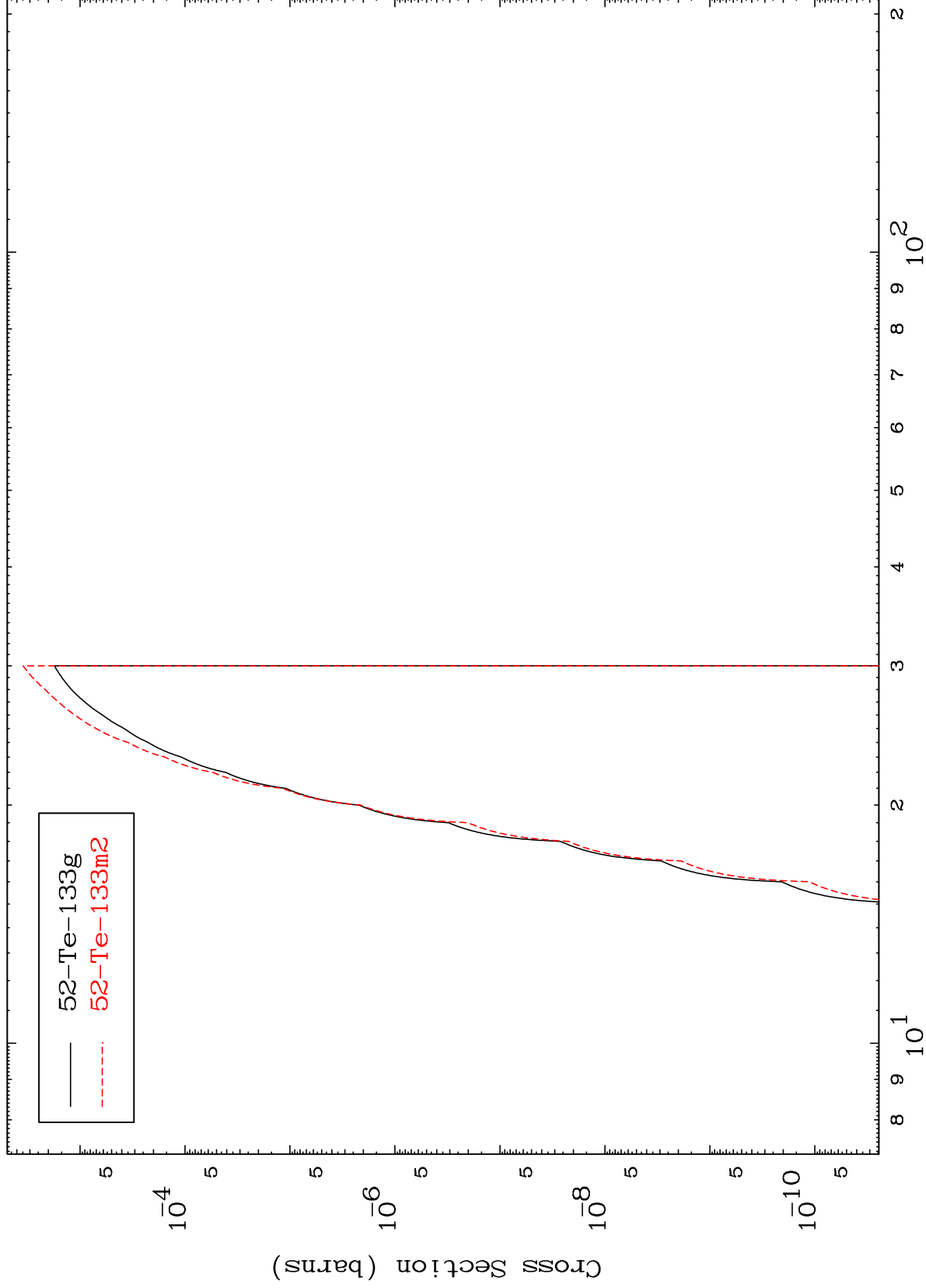




MAT 5467

54-Xe-138

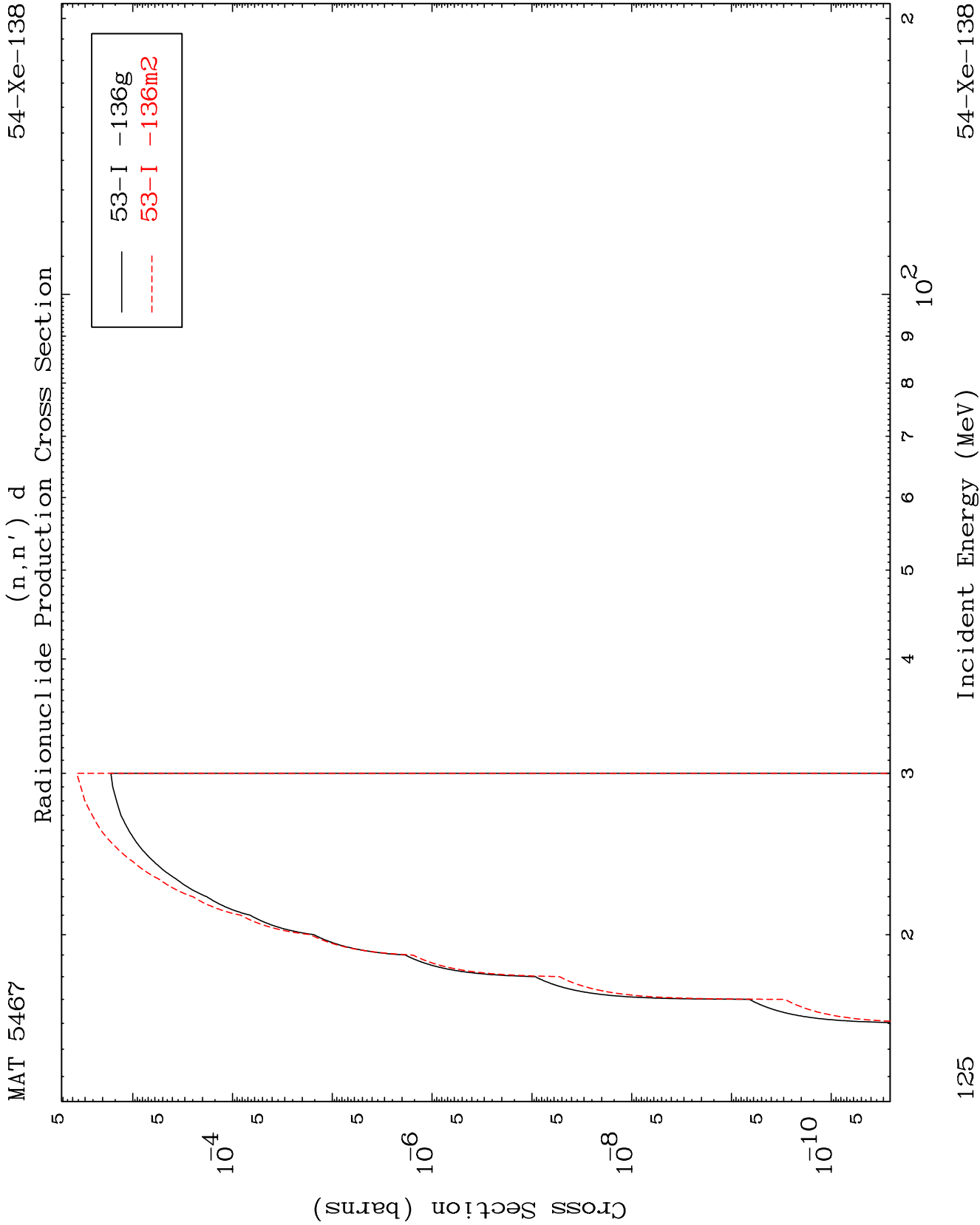
Radionuclide Production Cross Section
(n,2n) α



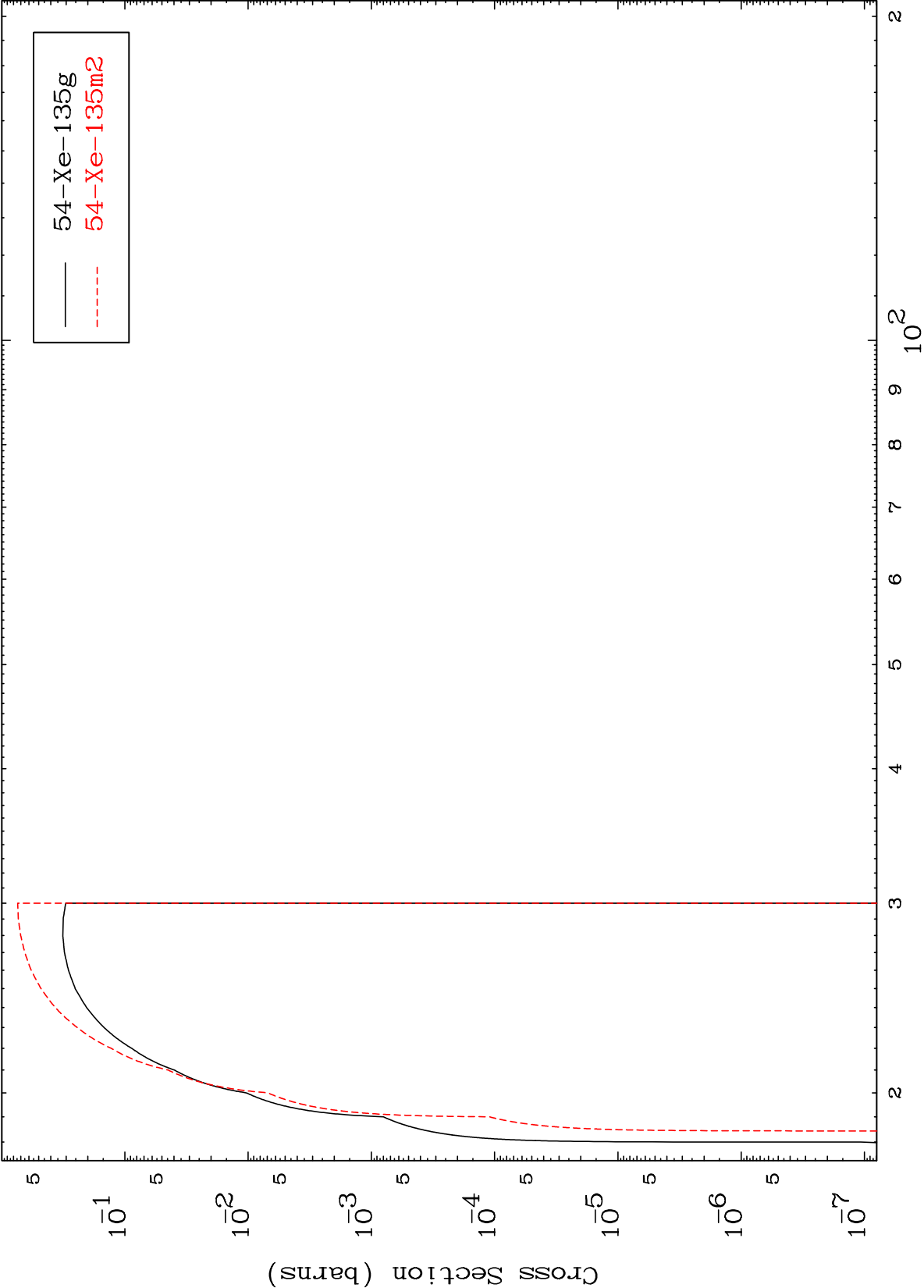
124

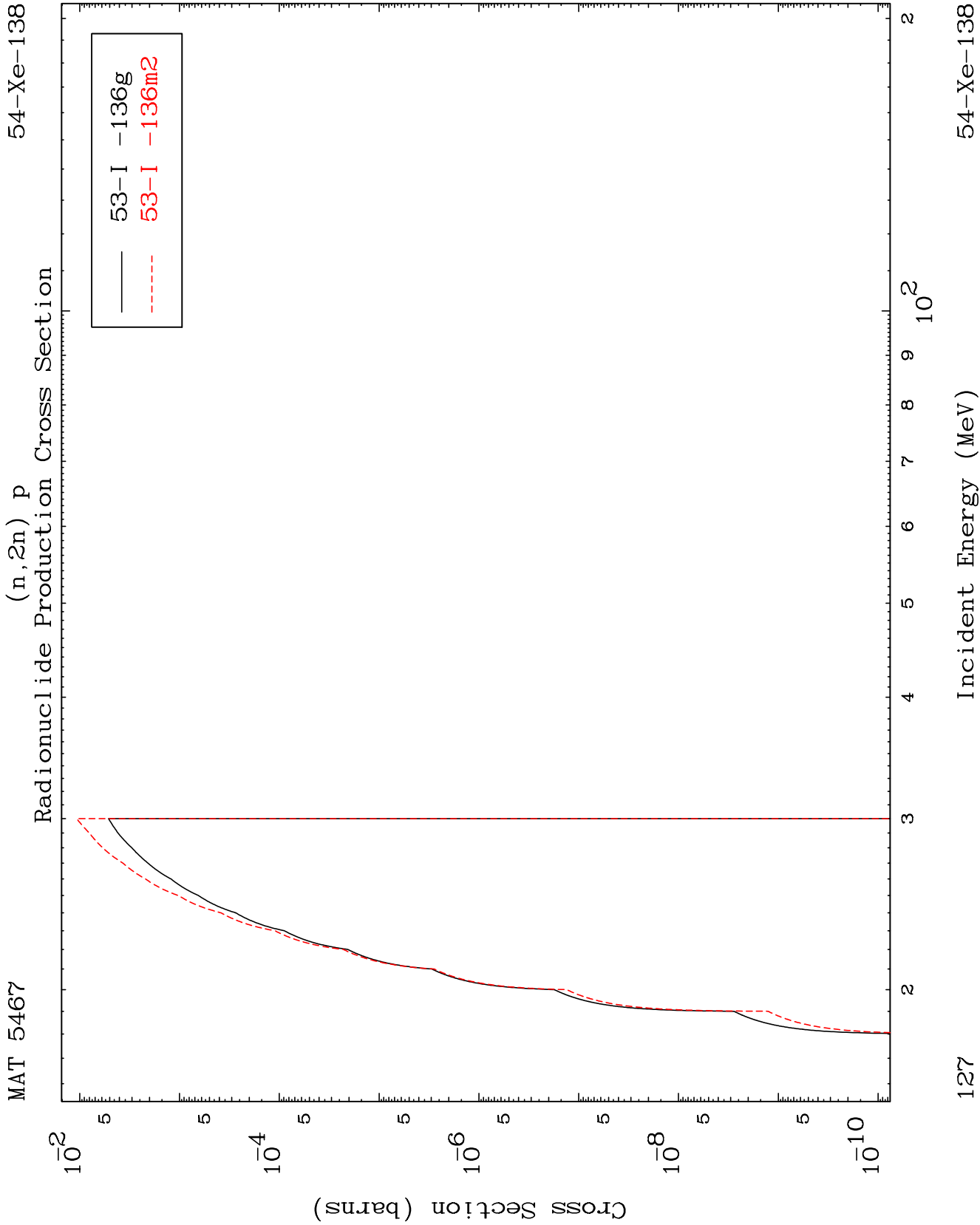
Incident Energy (MeV)

54-Xe-138



Radionuclide Production Cross Section
(n,4n)

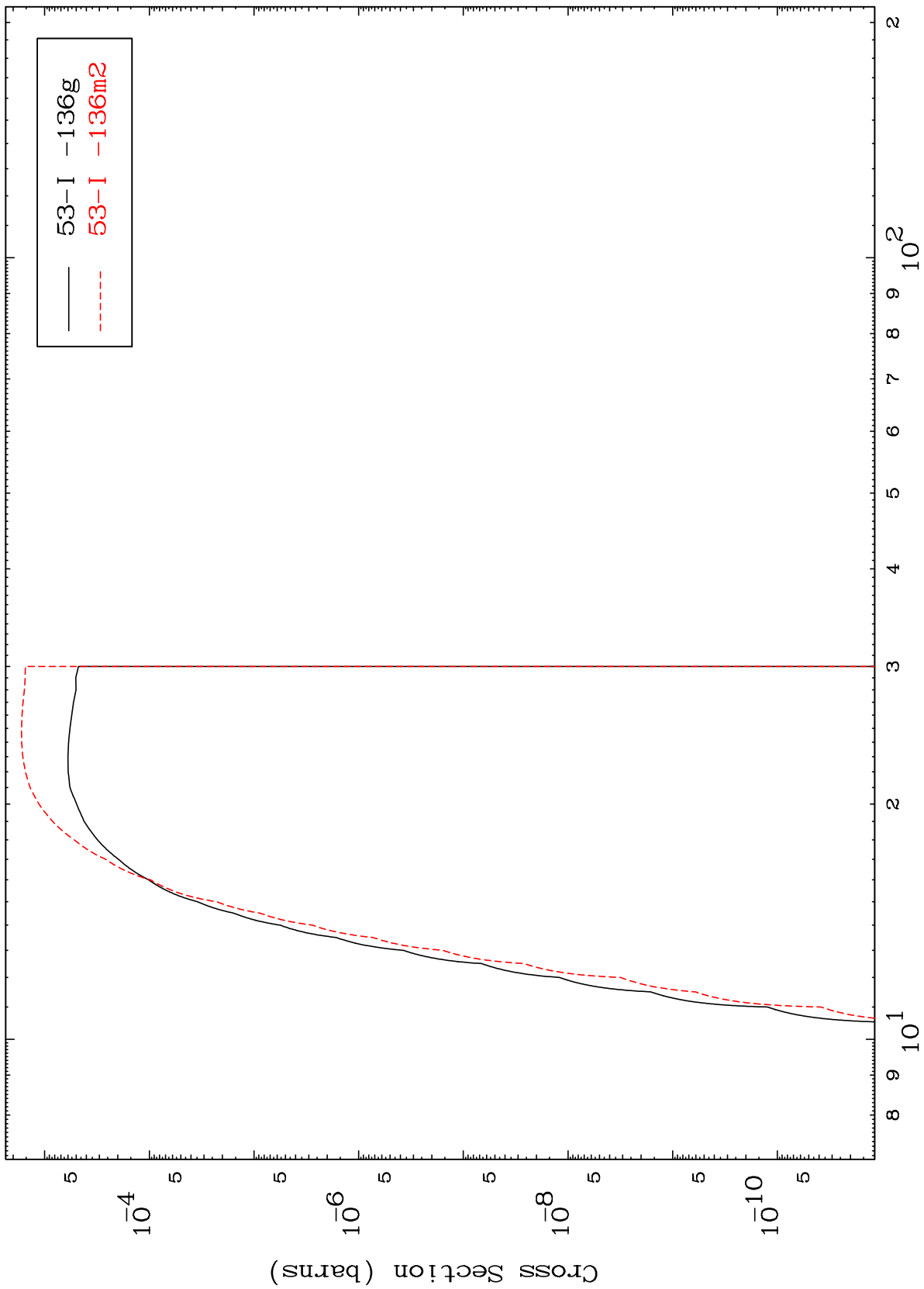




MAT 5467

54-Xe-138

(n,t)
Radionuclide Production Cross Section

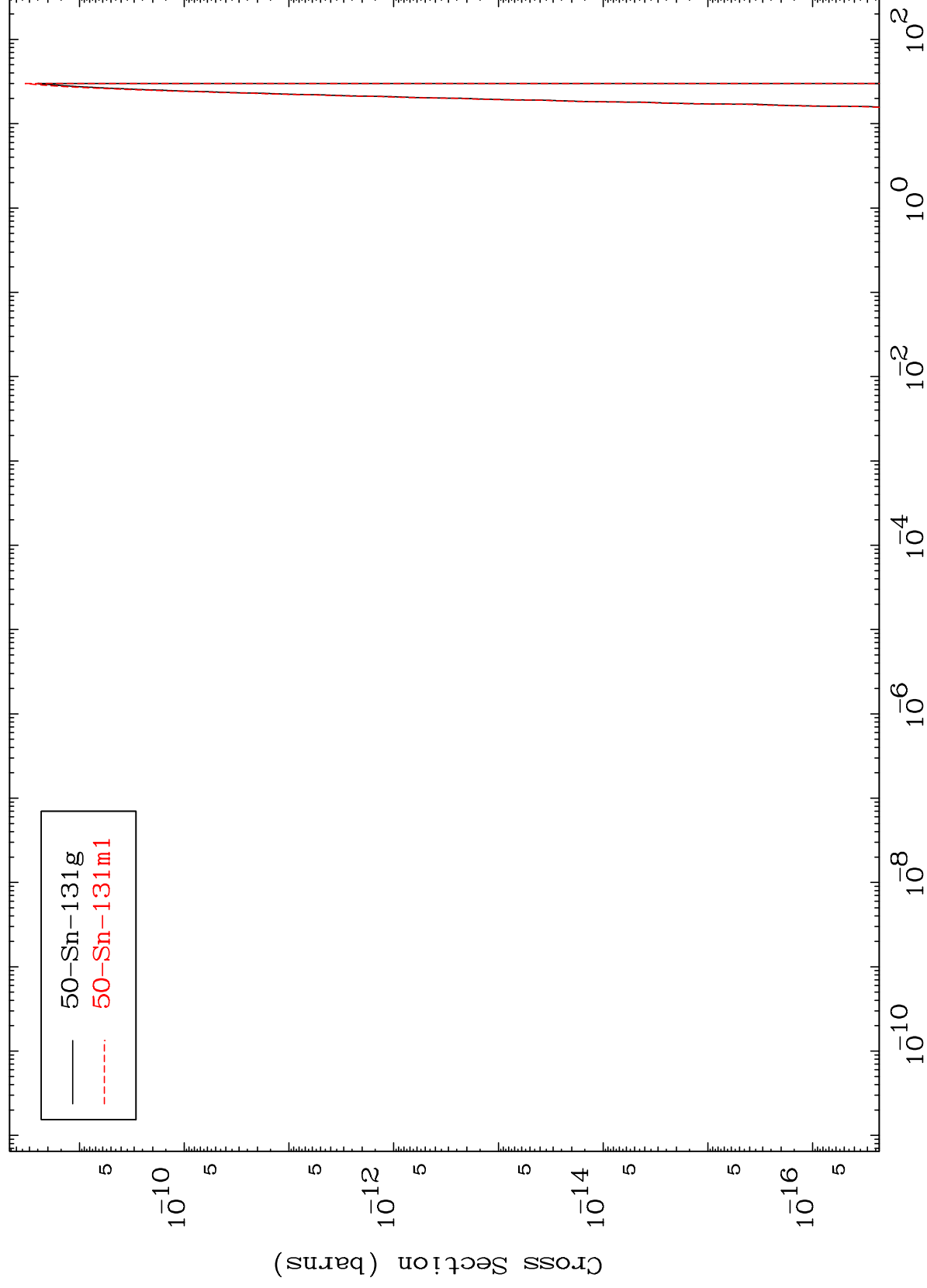


128

Incident Energy (MeV)

54-Xe-138

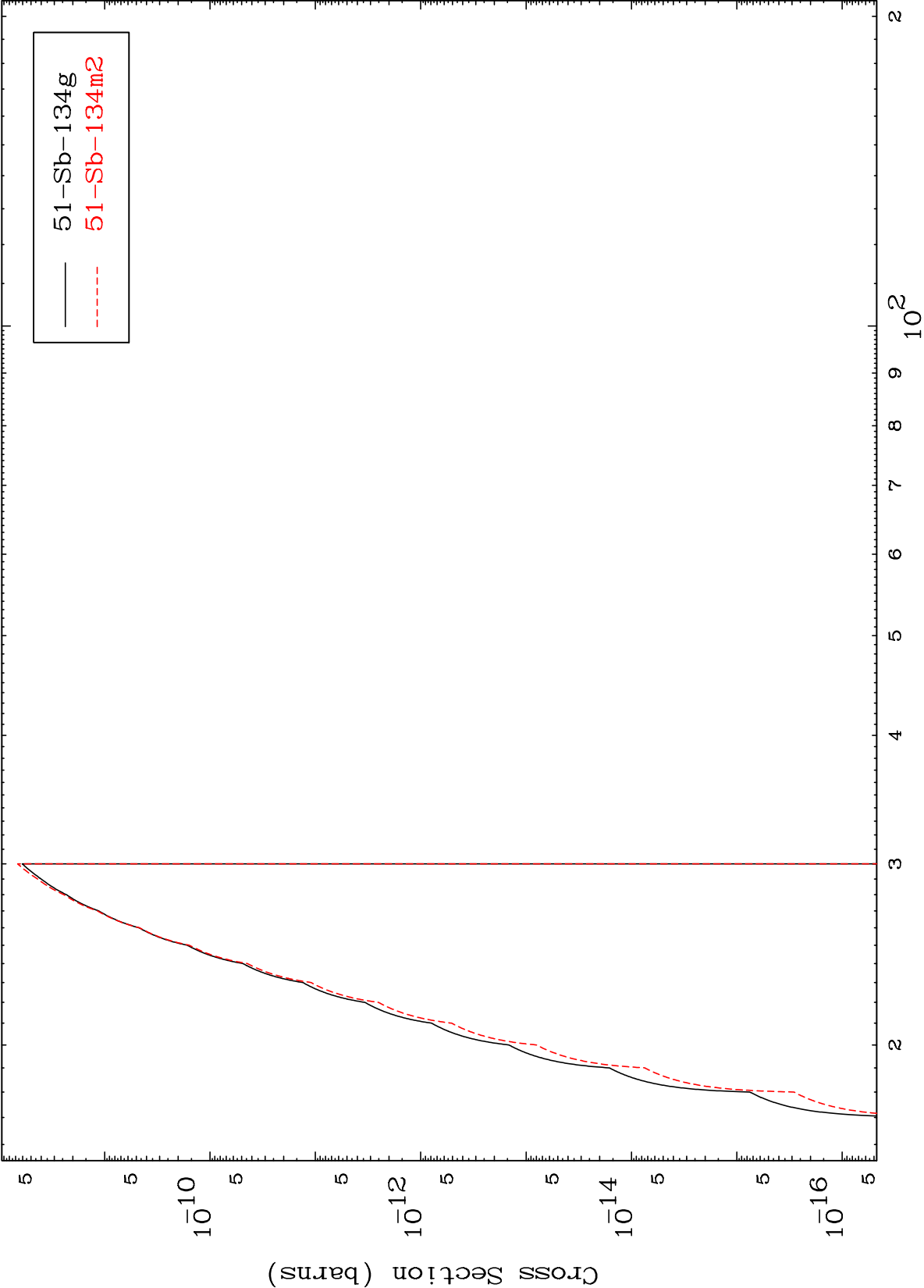
(n,2 α)
Radionuclide Production Cross Section



MAT 5467

54-Xe-138

(n,p) α
Radionuclide Production Cross Section



130

Incident Energy (MeV)

54-Xe-138