

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

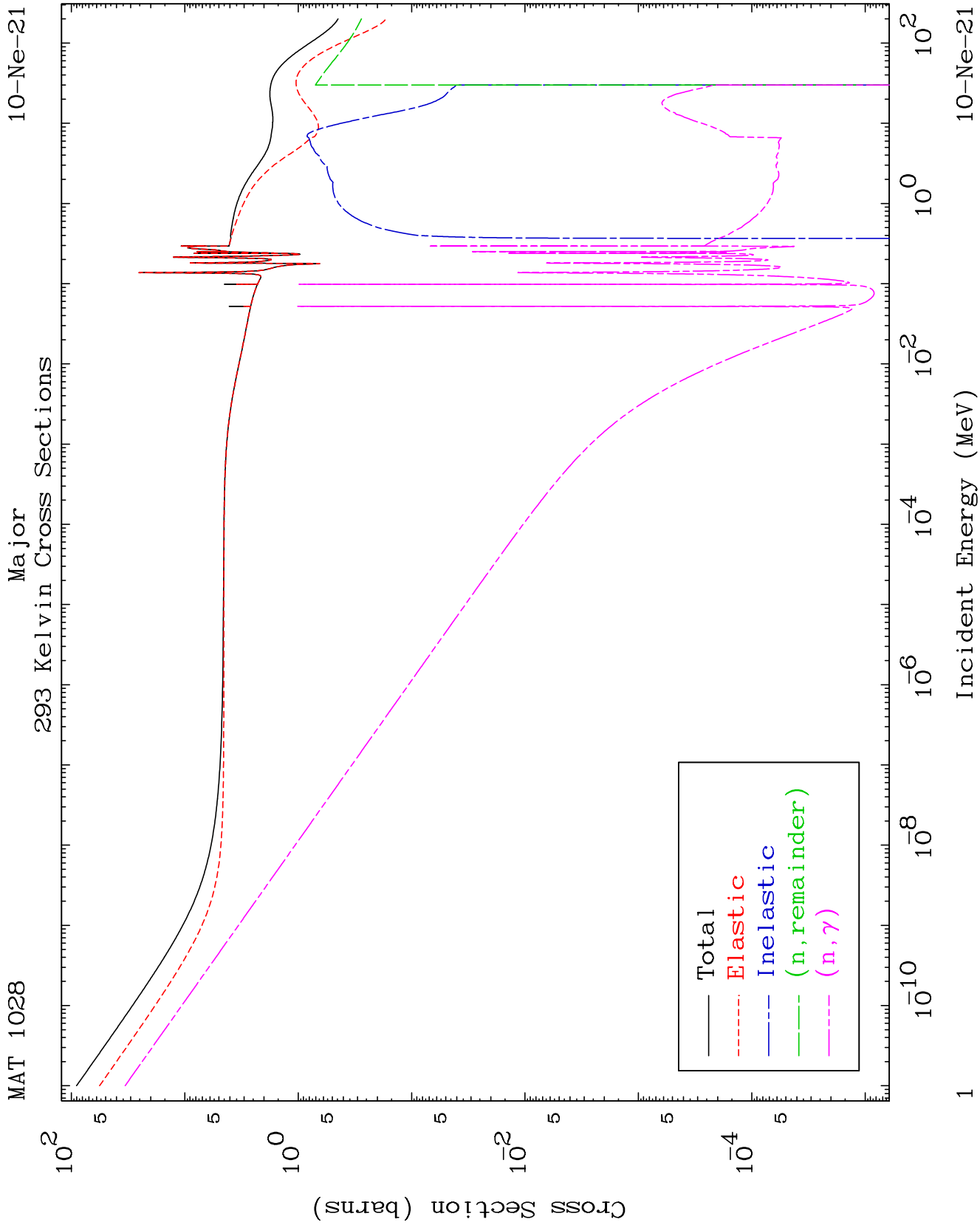
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

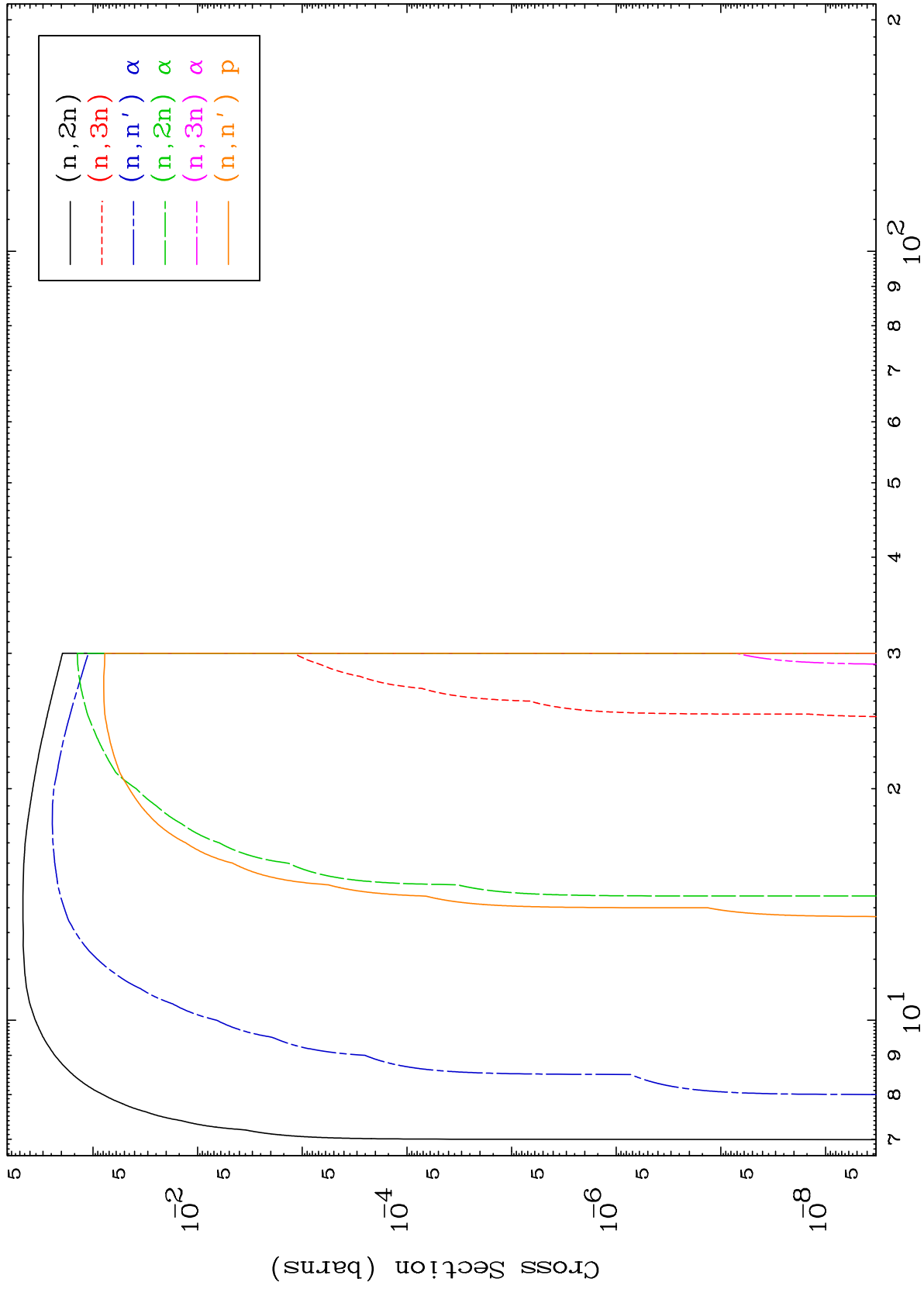
Press Mouse Button to Start



MAT 1028

Neutron Production  
293 Kelvin Cross Sections

10-Ne-21



2

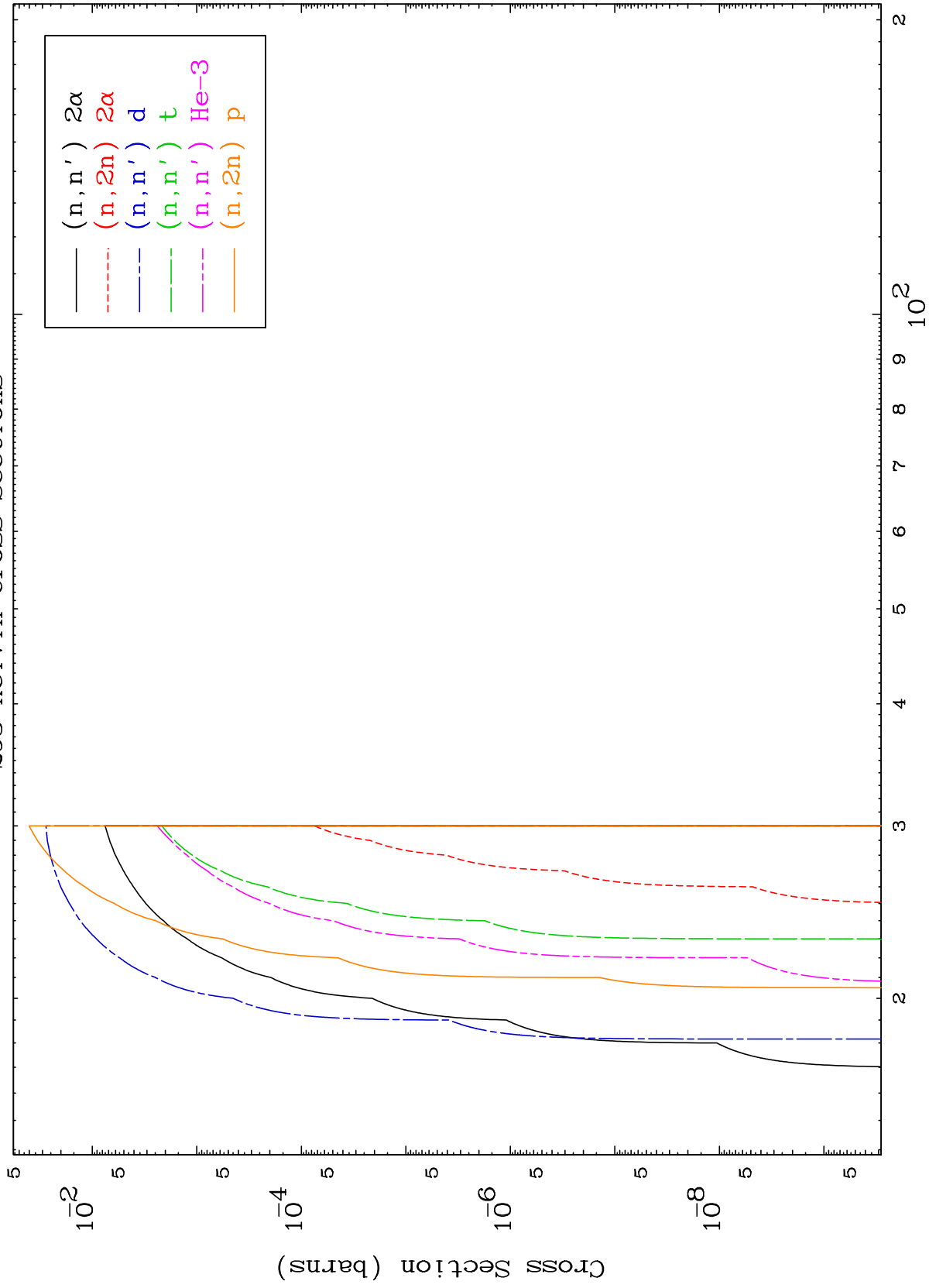
Incident Energy (MeV)

10-Ne-21

MAT 1028

Neutron Production  
293 Kelvin Cross Sections

10-Ne-21



3

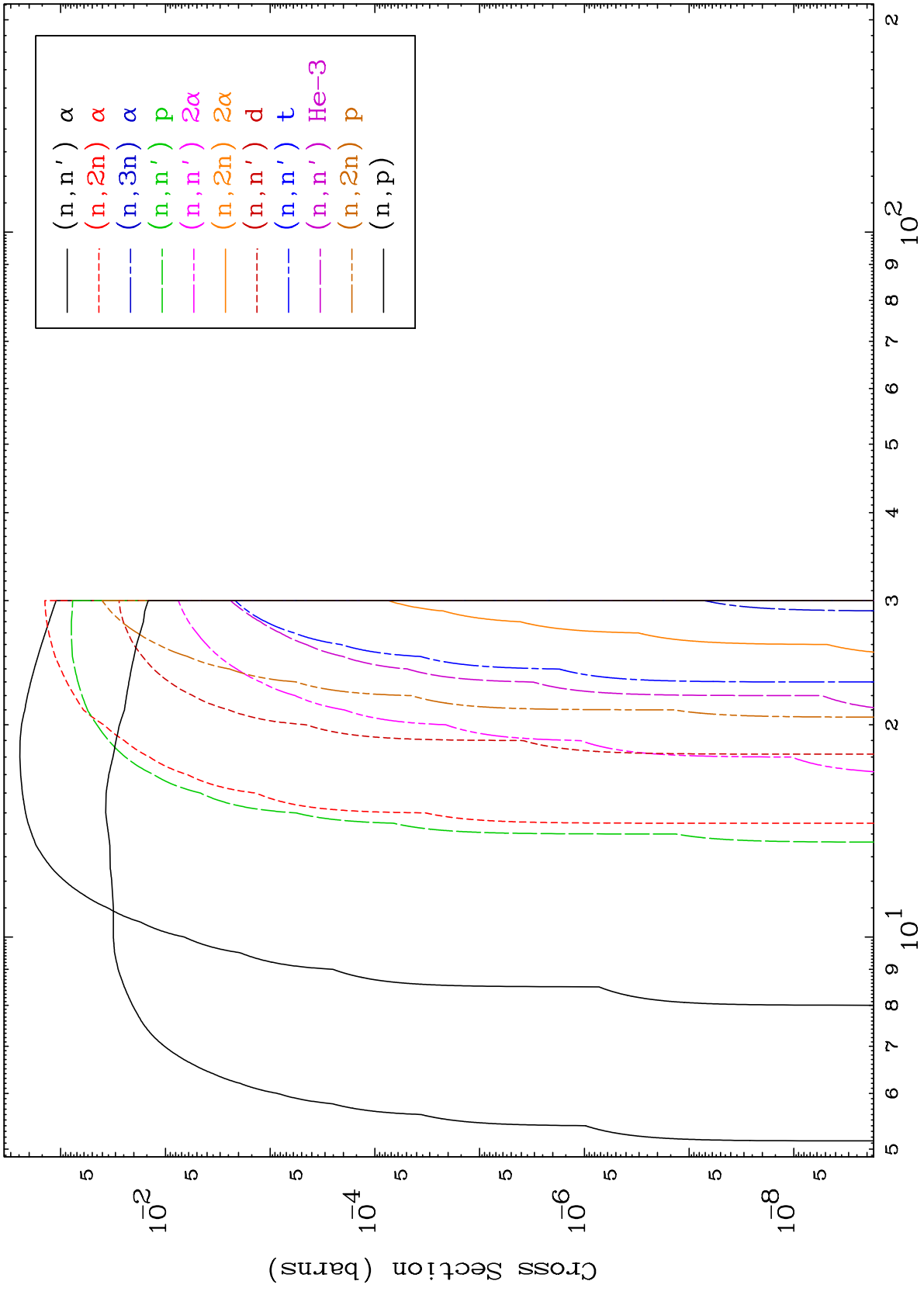
Incident Energy (MeV)

10-Ne-21

MAT 1028

Charged Particle  
293 Kelvin Cross Sections

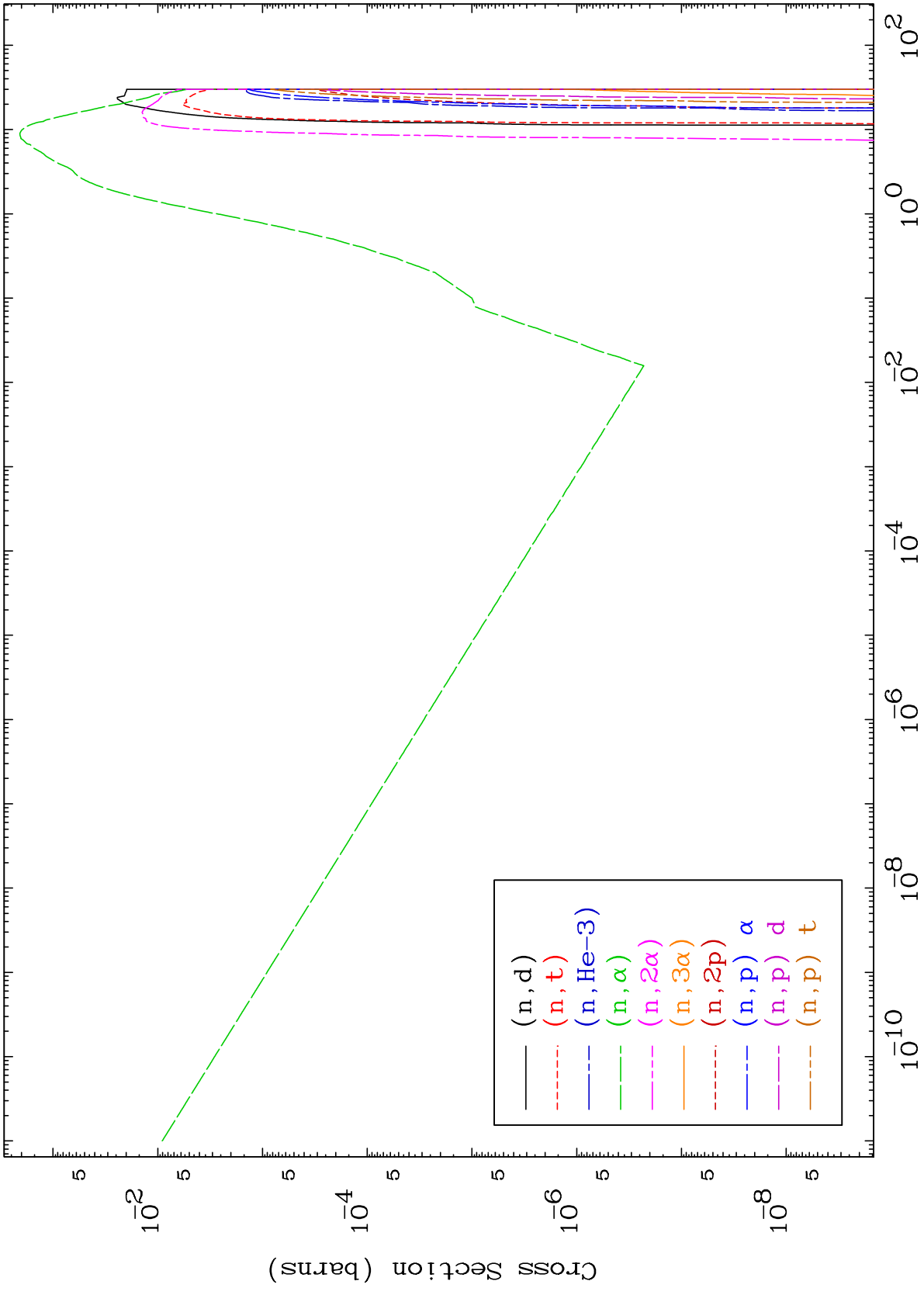
10-Ne-21



MAT 1028

Charged Particle  
293 Kelvin Cross Sections

10-Ne-21

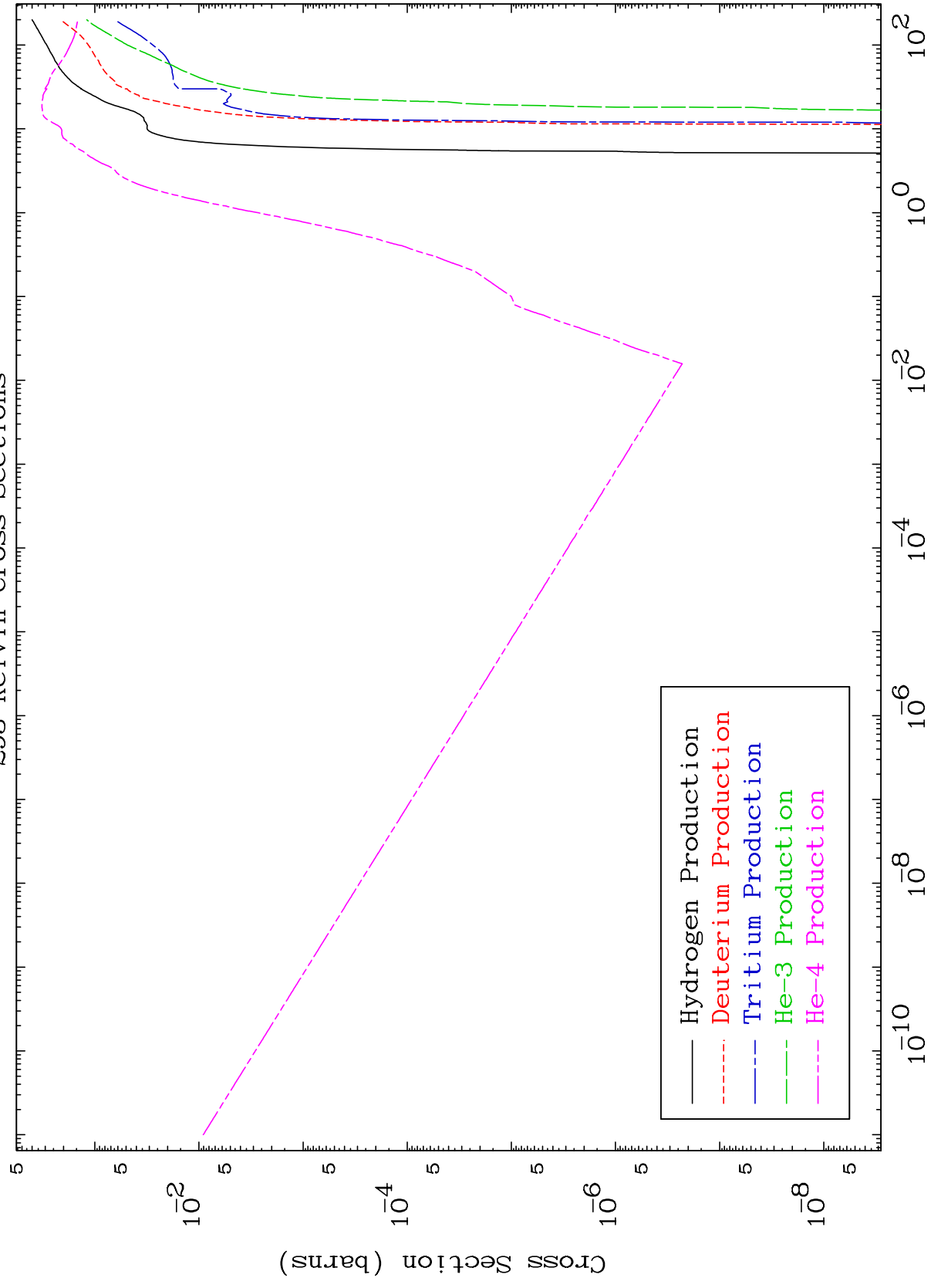


10-Ne-21

MAT 1028

Particle Production  
293 Kelvin Cross Sections

10-Ne-21

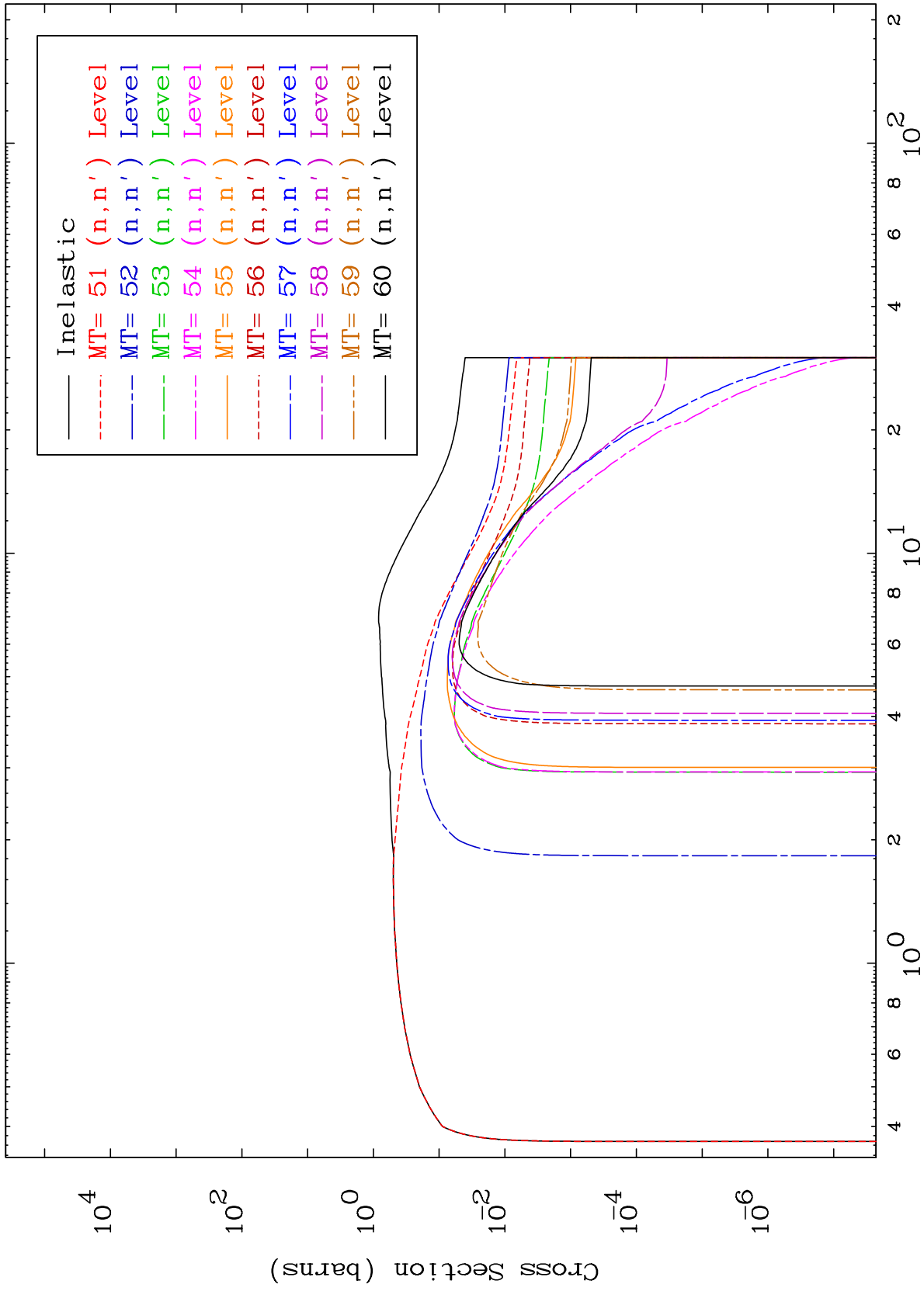


MAT 1028

(n,n') Level

10-Ne-21

293 Kelvin Cross Sections



7

Incident Energy (MeV)

10-Ne-21

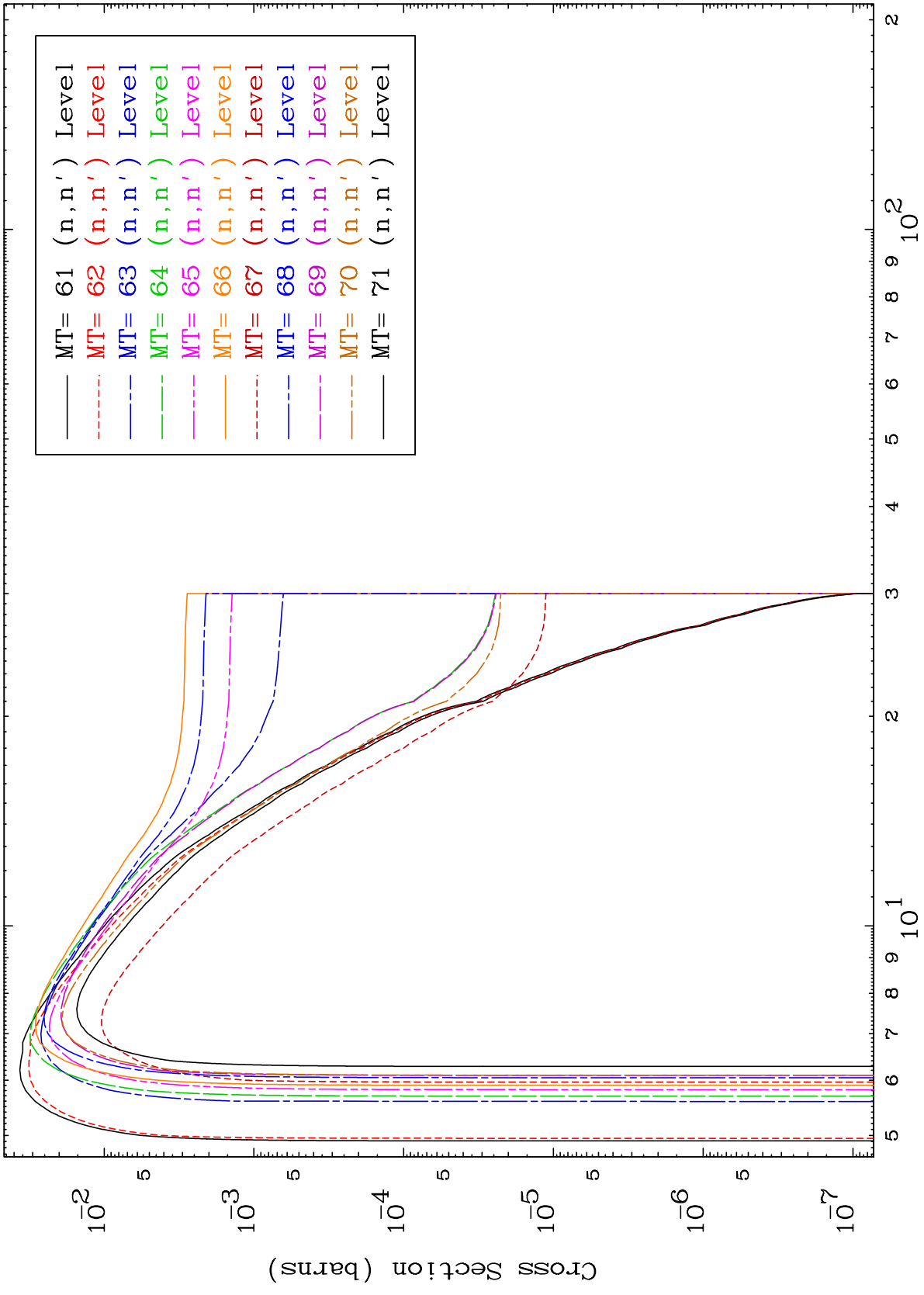


MAT 1028

(n,n') Level

10-Ne-21

293 Kelvin Cross Sections



8

Incident Energy (MeV)

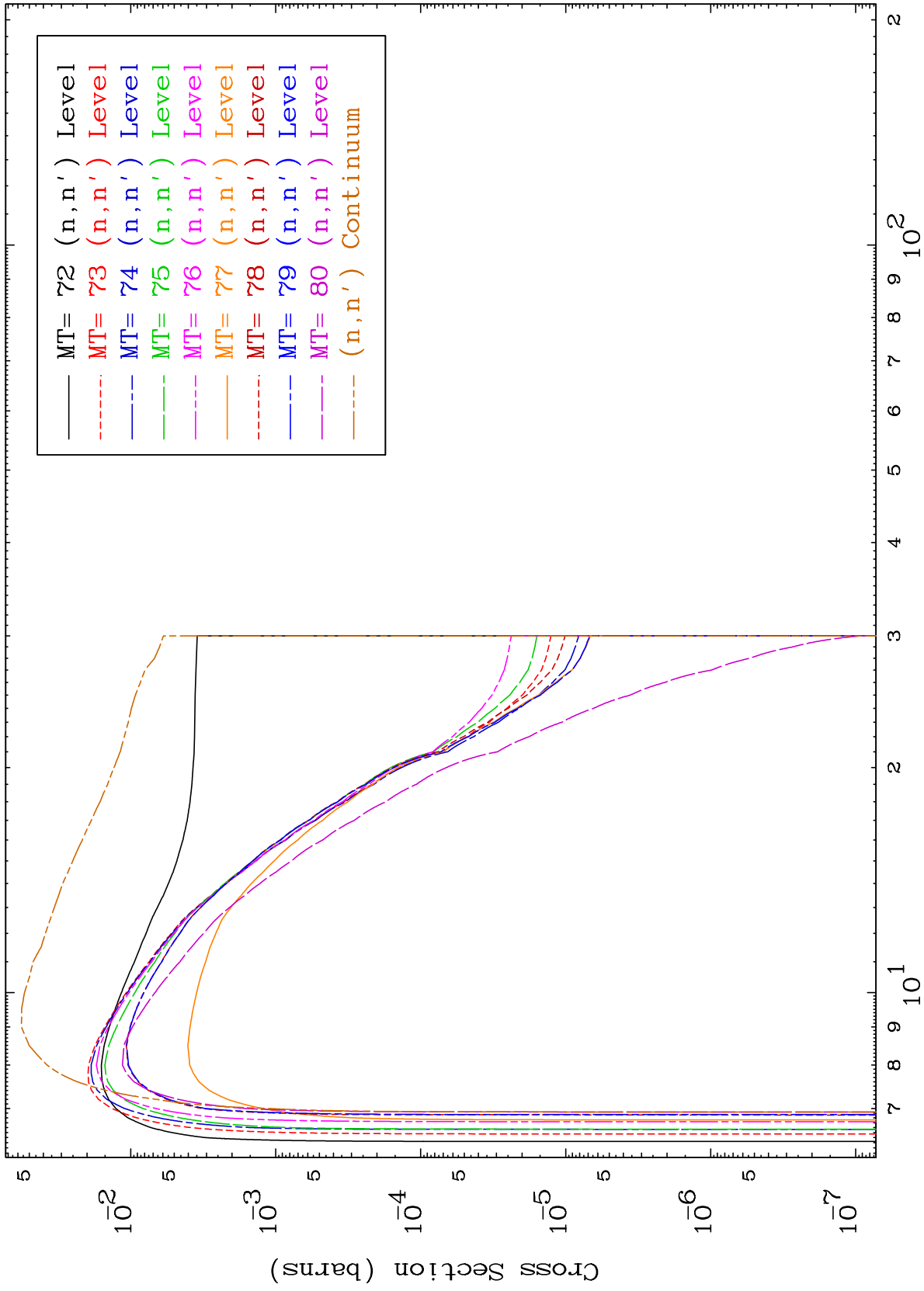
10-Ne-21

MAT 1028

(n,n') Level

10-Ne-21

293 Kelvin Cross Sections



9

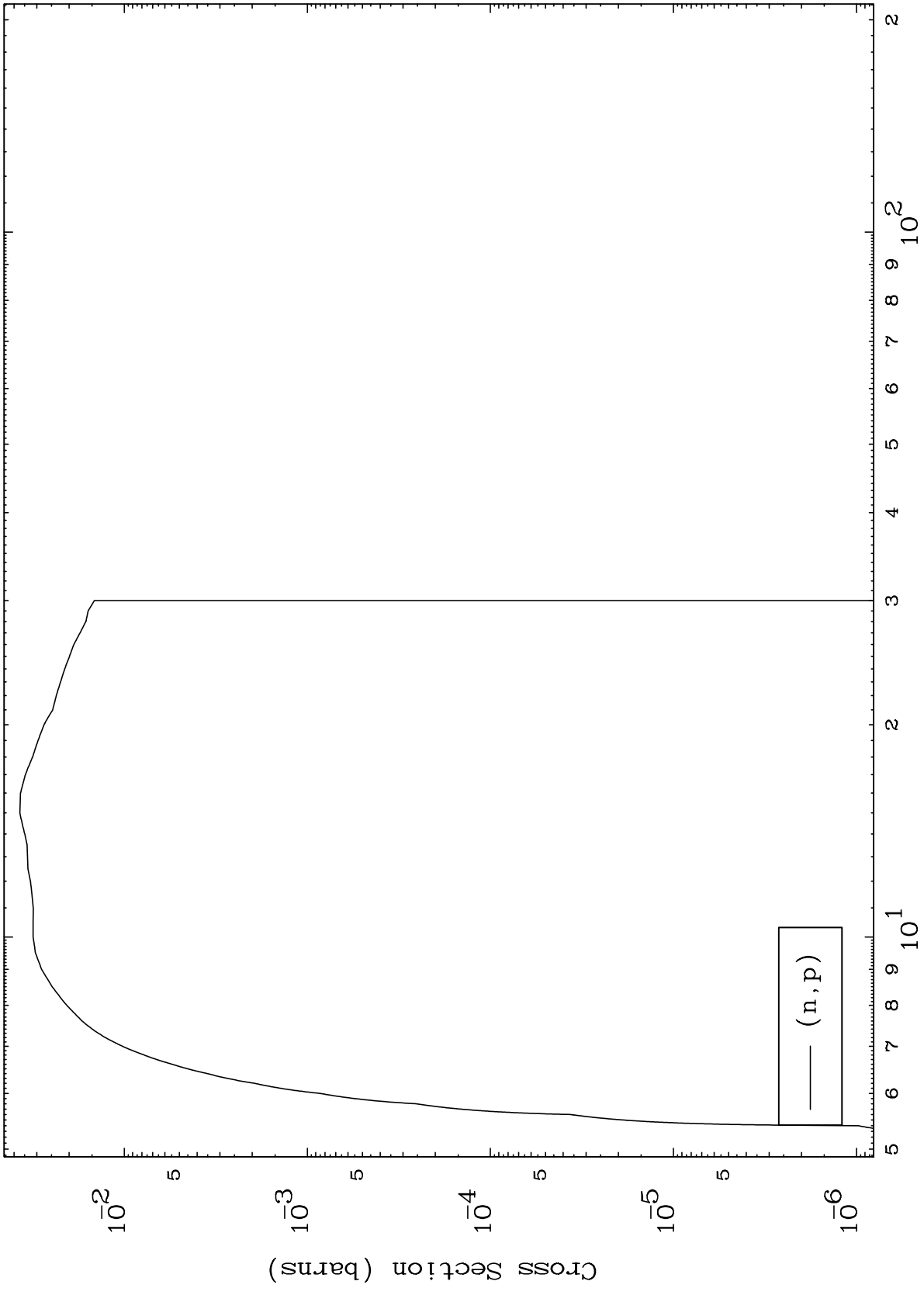
Incident Energy (MeV)

10-Ne-21

MAT 1028

(n,p) Levels  
293 Kelvin Cross Sections

10-Ne-21



10

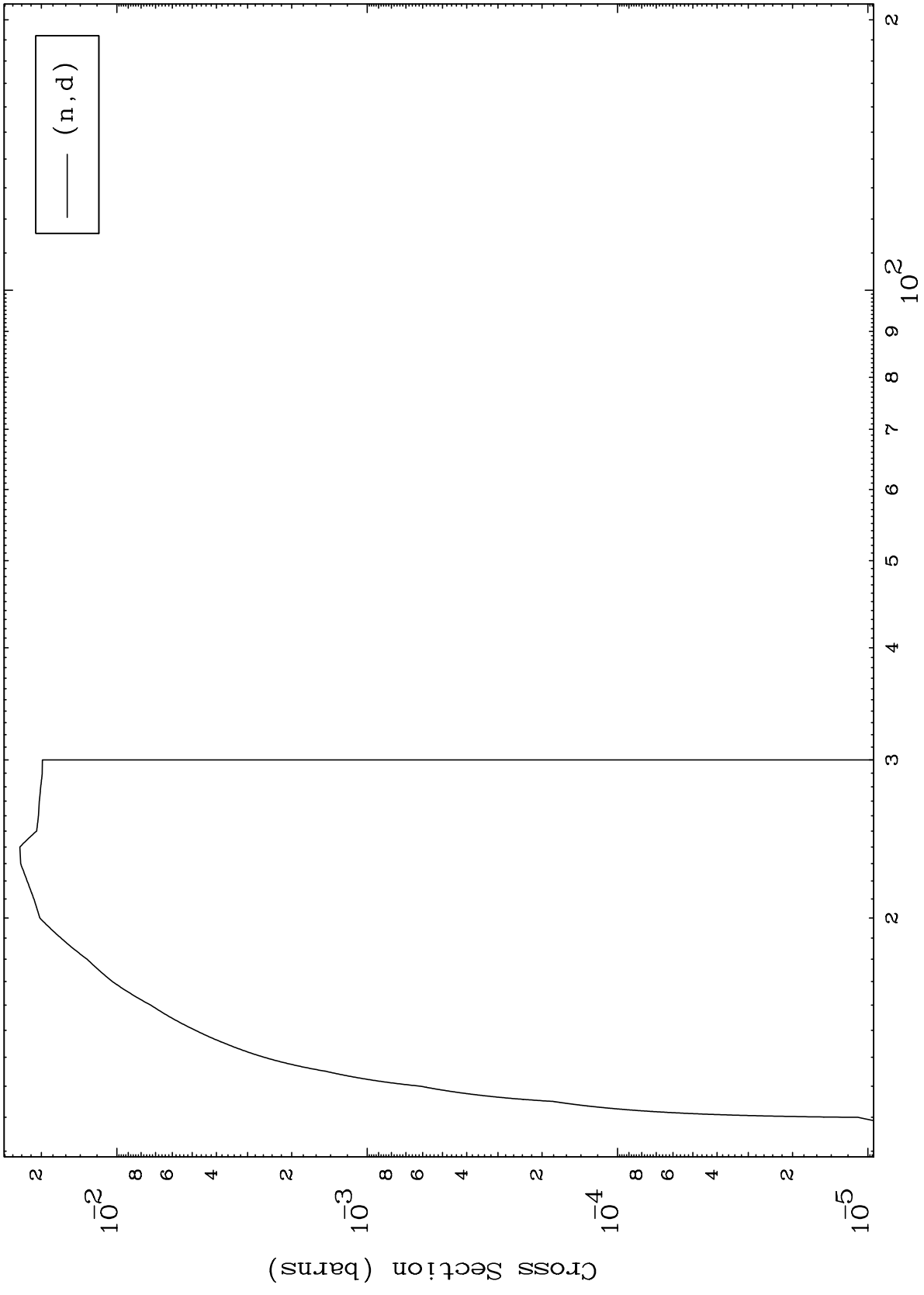
Incident Energy (MeV)

10-Ne-21

MAT 1028

(n,d) Levels  
293 Kelvin Cross Sections

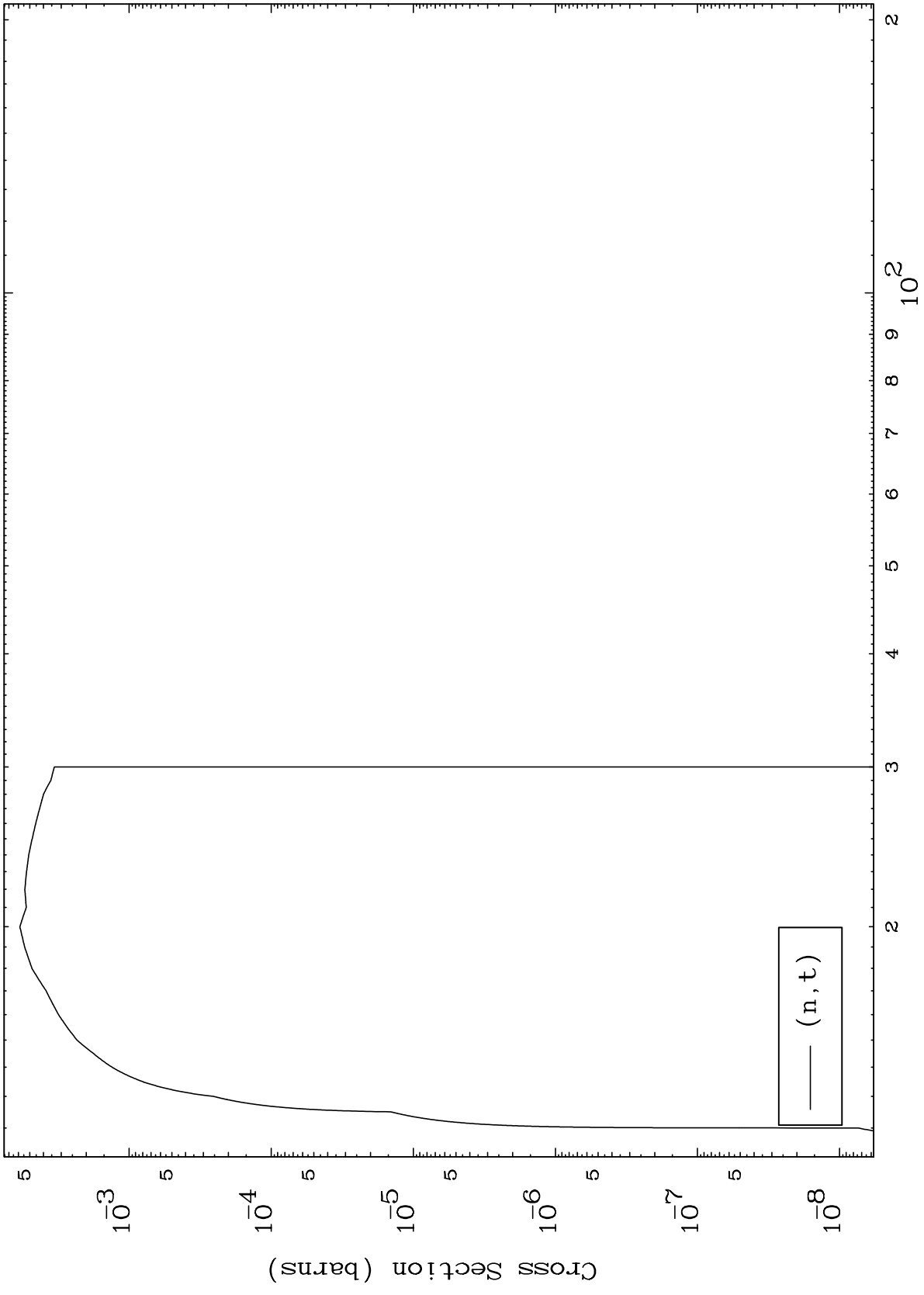
10-Ne-21



MAT 1028

(n,t) Levels  
293 Kelvin Cross Sections

10-Ne-21



12

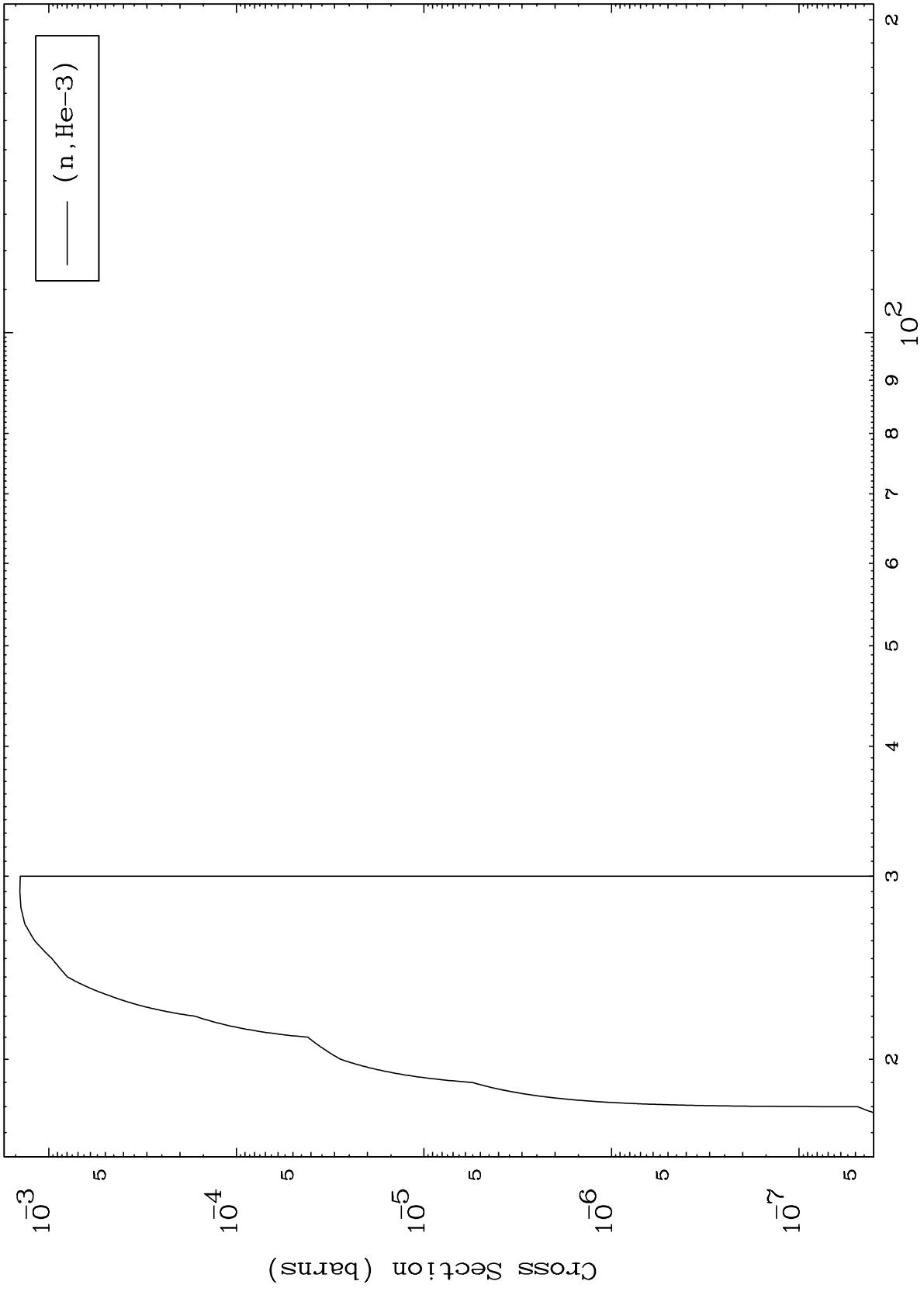
Incident Energy (MeV)

10-Ne-21

MAT 1028

(n,He3) Levels  
293 Kelvin Cross Sections

10-Ne-21



13

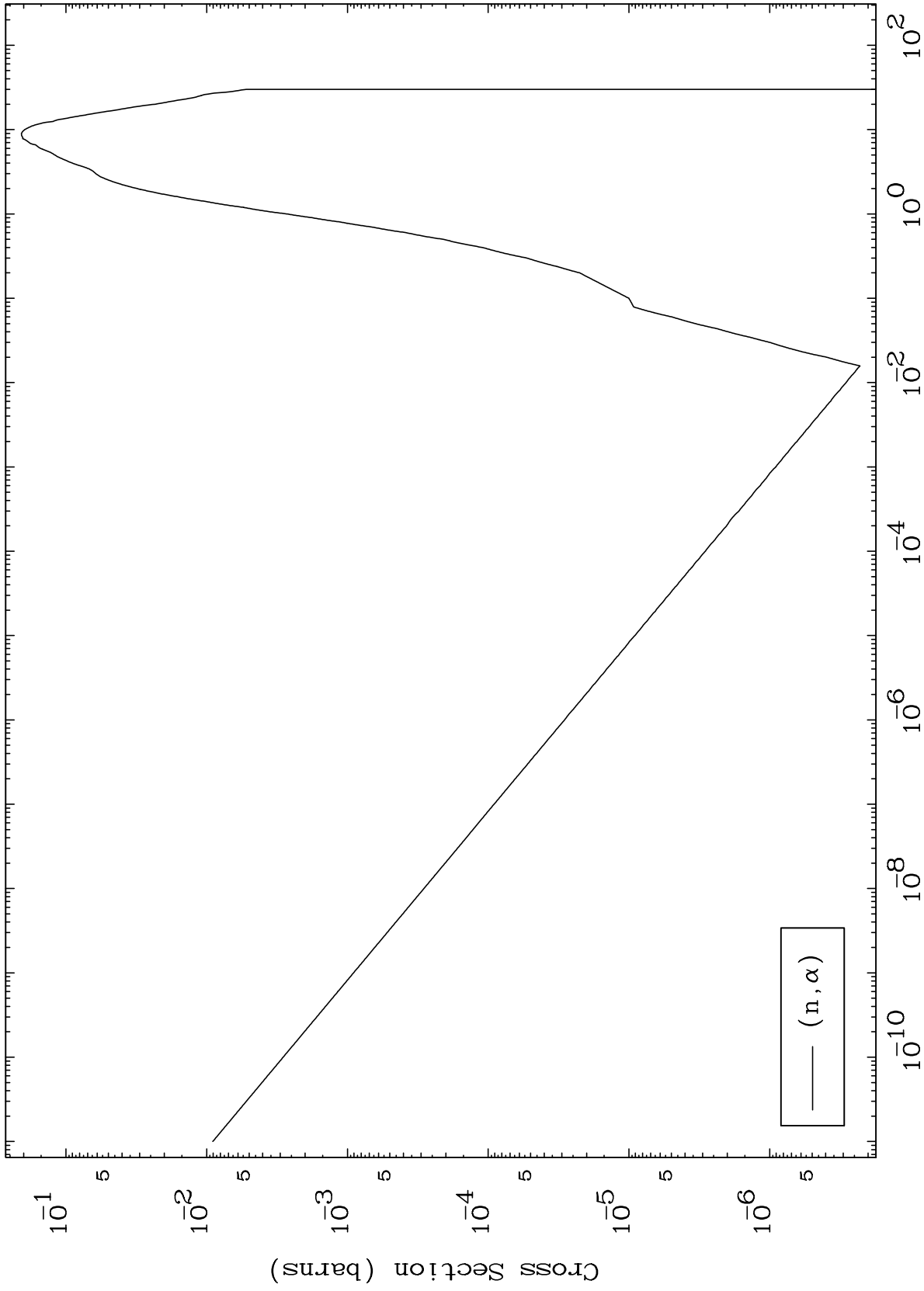
Incident Energy (MeV)

10-Ne-21

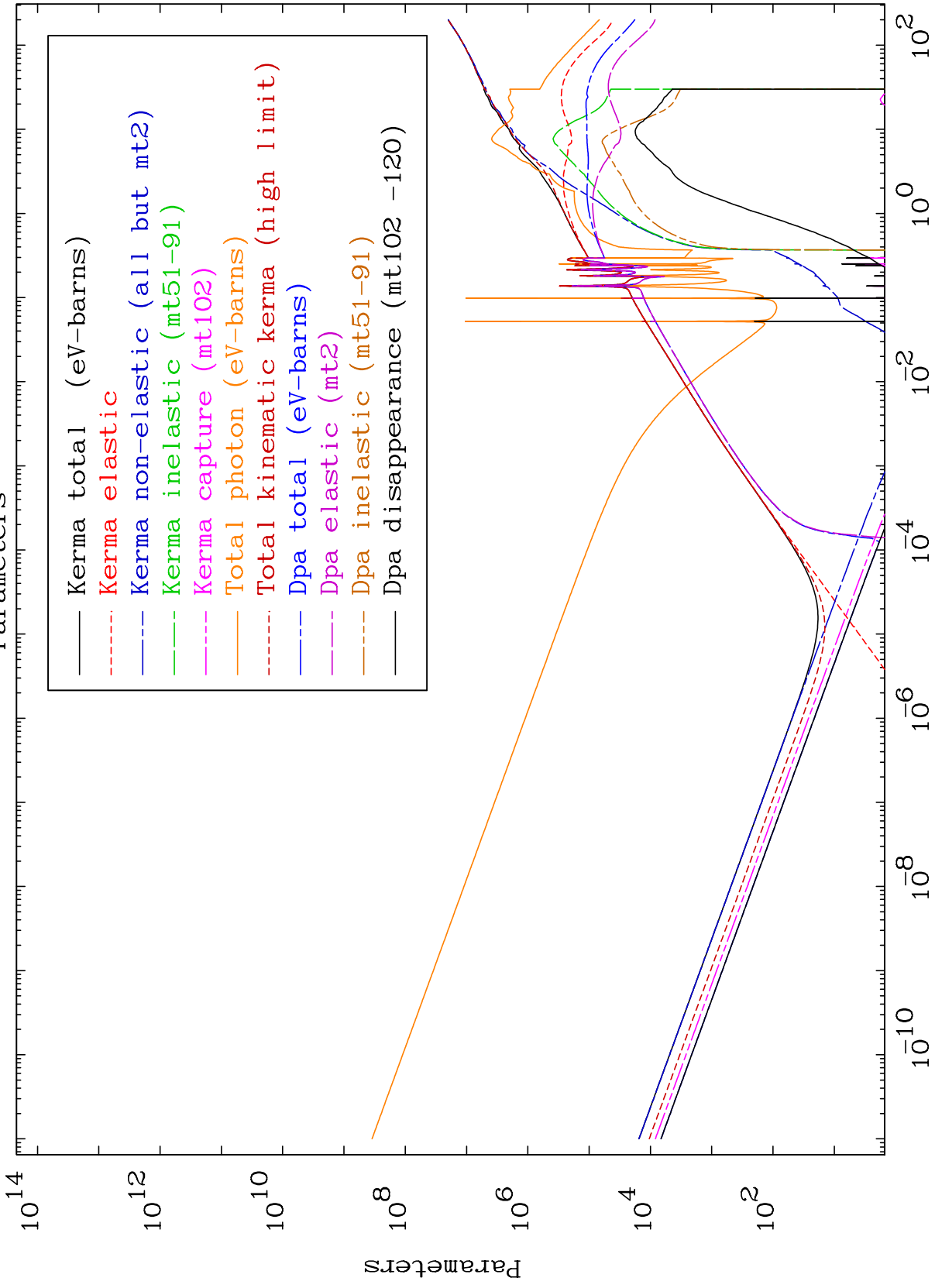
MAT 1028

293 Kelvin Cross Sections  
(n,α) Levels

10-Ne-21



— (n,α)

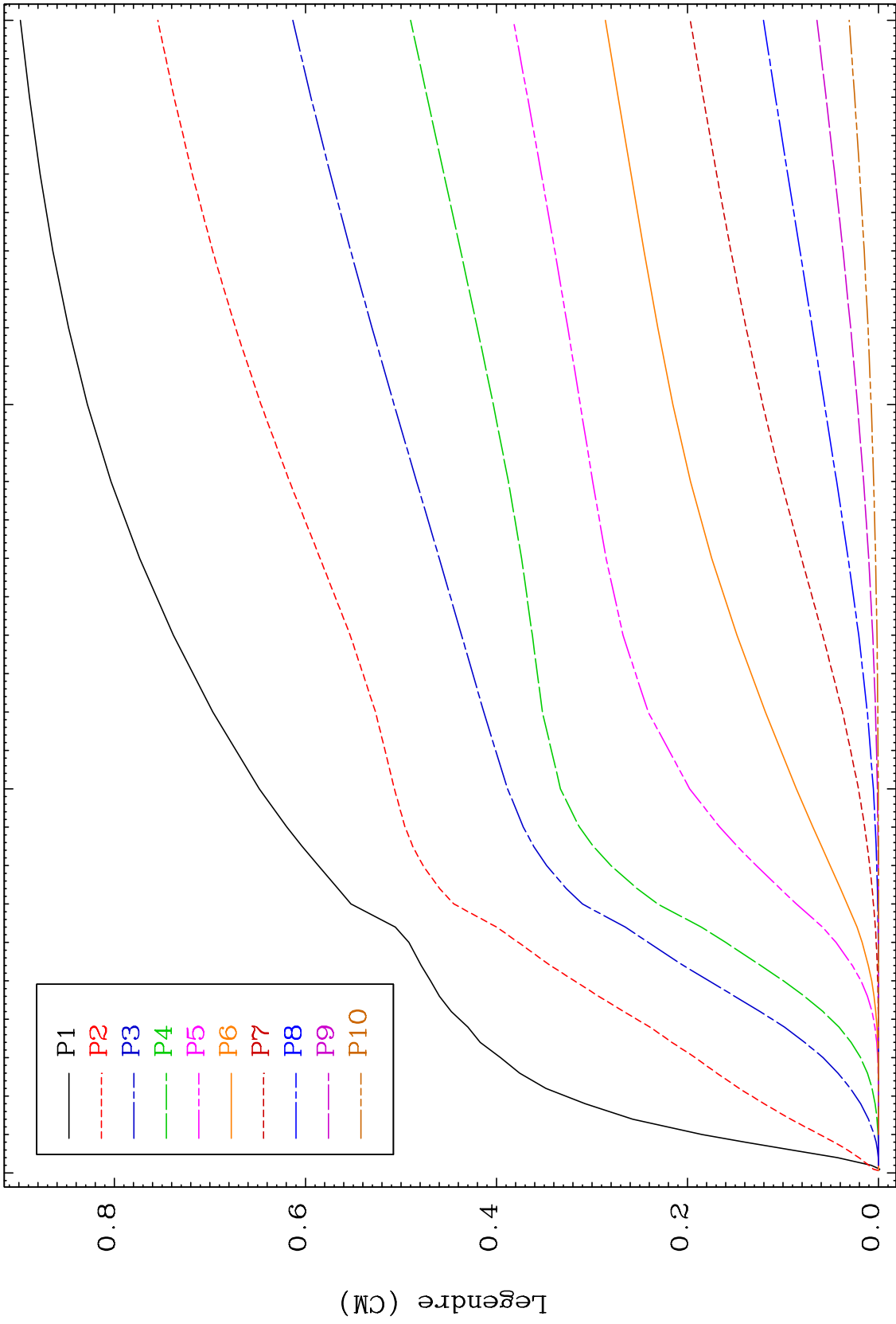




MAT 1028

Elastic Legendre Coefficients

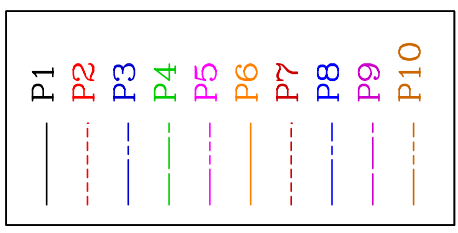
10-Ne-21



16

Incident Energy (MeV)

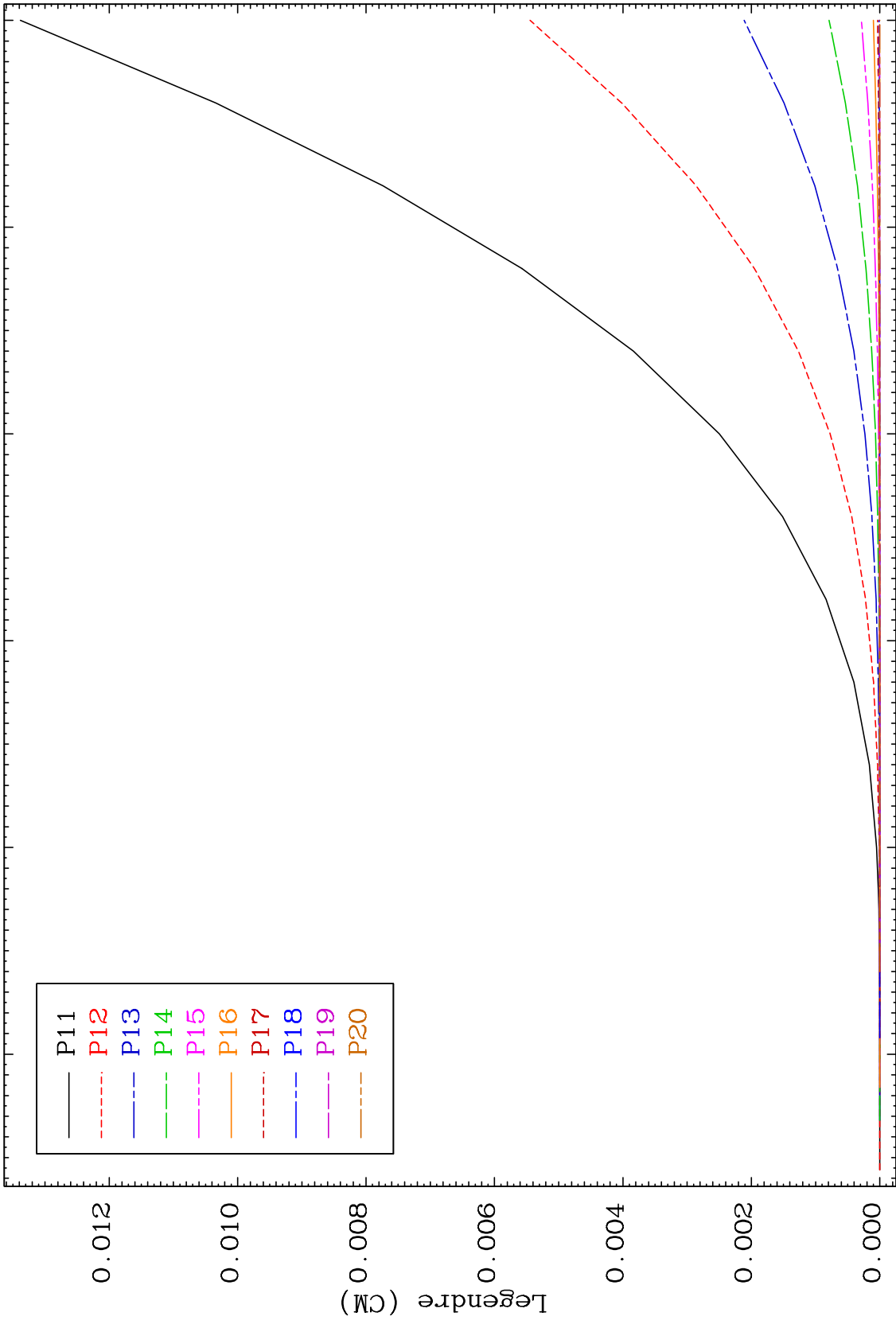
10-Ne-21



MAT 1028

Elastic Legendre Coefficients

10-Ne-21

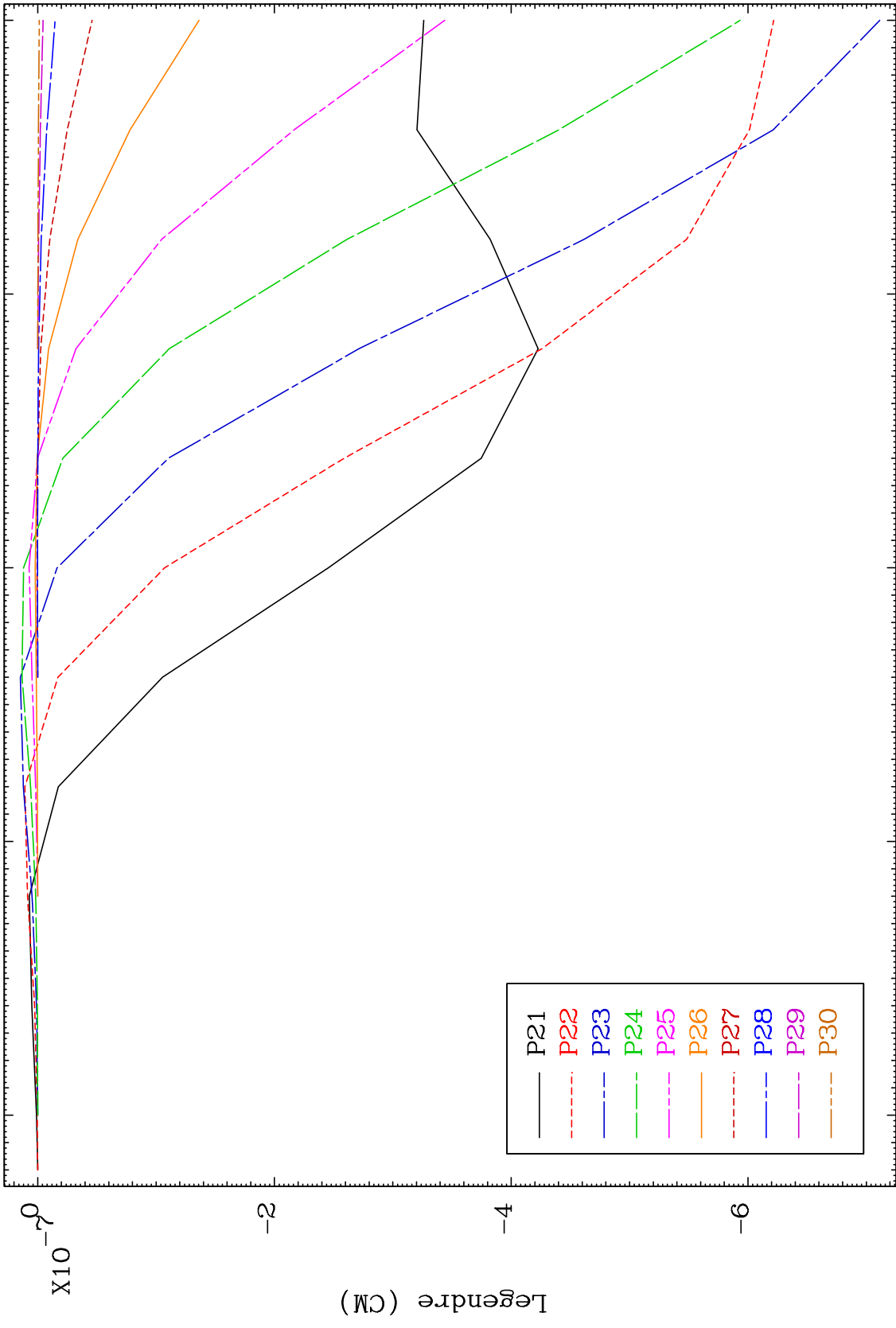


10-Ne-21

MAT 1028

Elastic Legendre Coefficients

10-Ne-21



X10<sup>-10</sup>

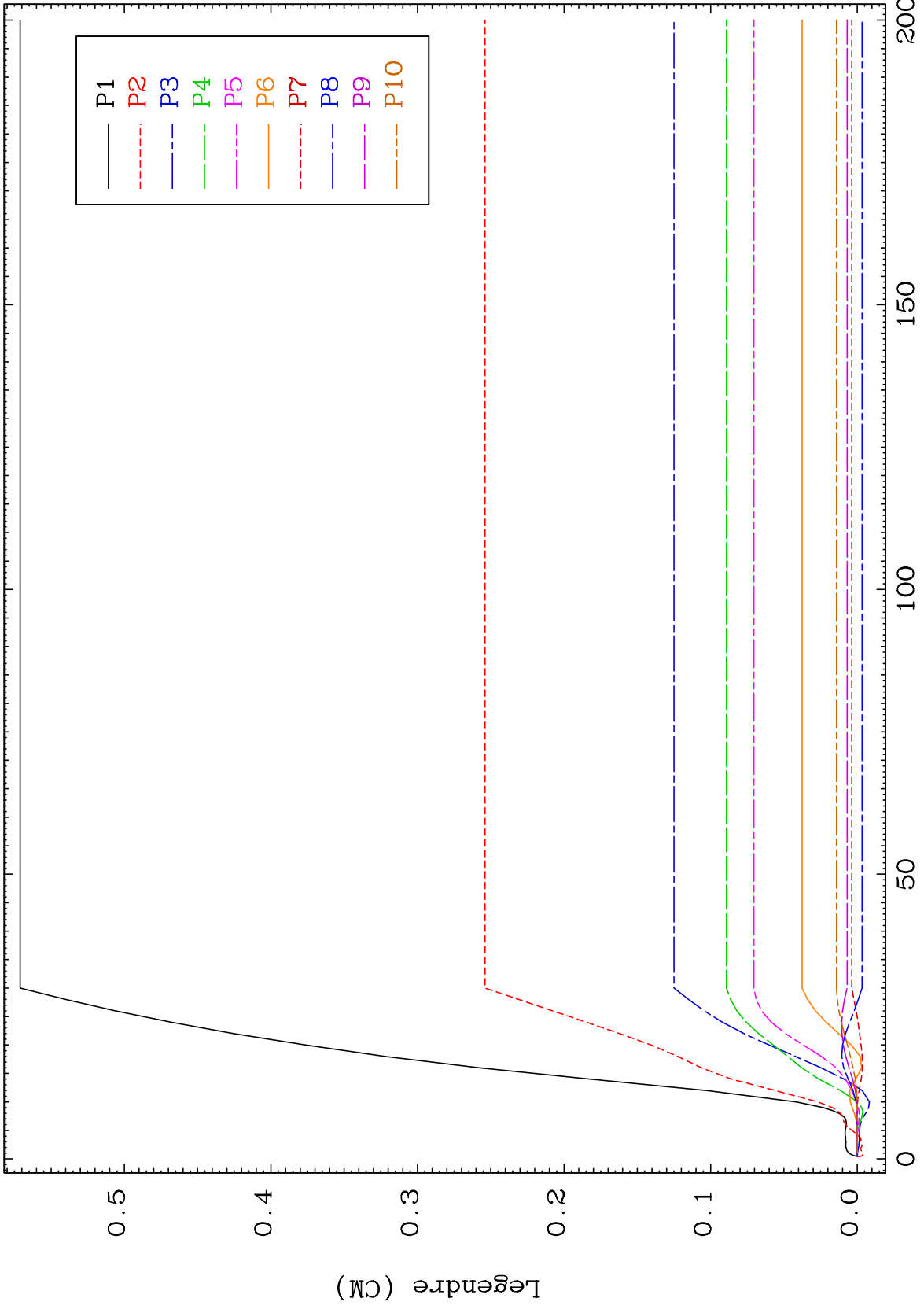
Legendre (CM)

18

Incident Energy (MeV)

10-Ne-21

MAT 1028 MT= 51 (n,n') Level Legendre Coefficients 10-Ne-21

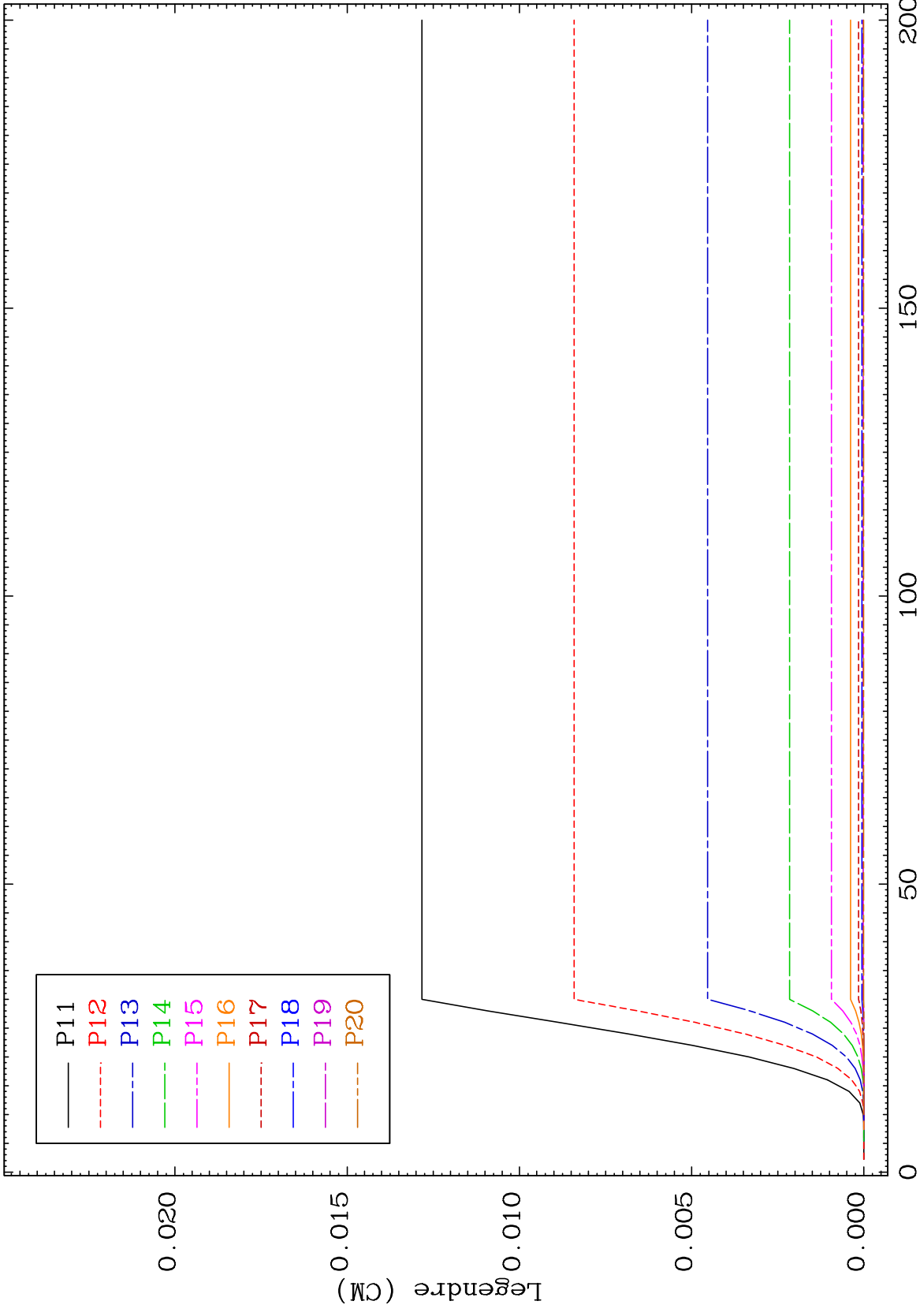


19 10-Ne-21

MAT 1028

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

10-Ne-21

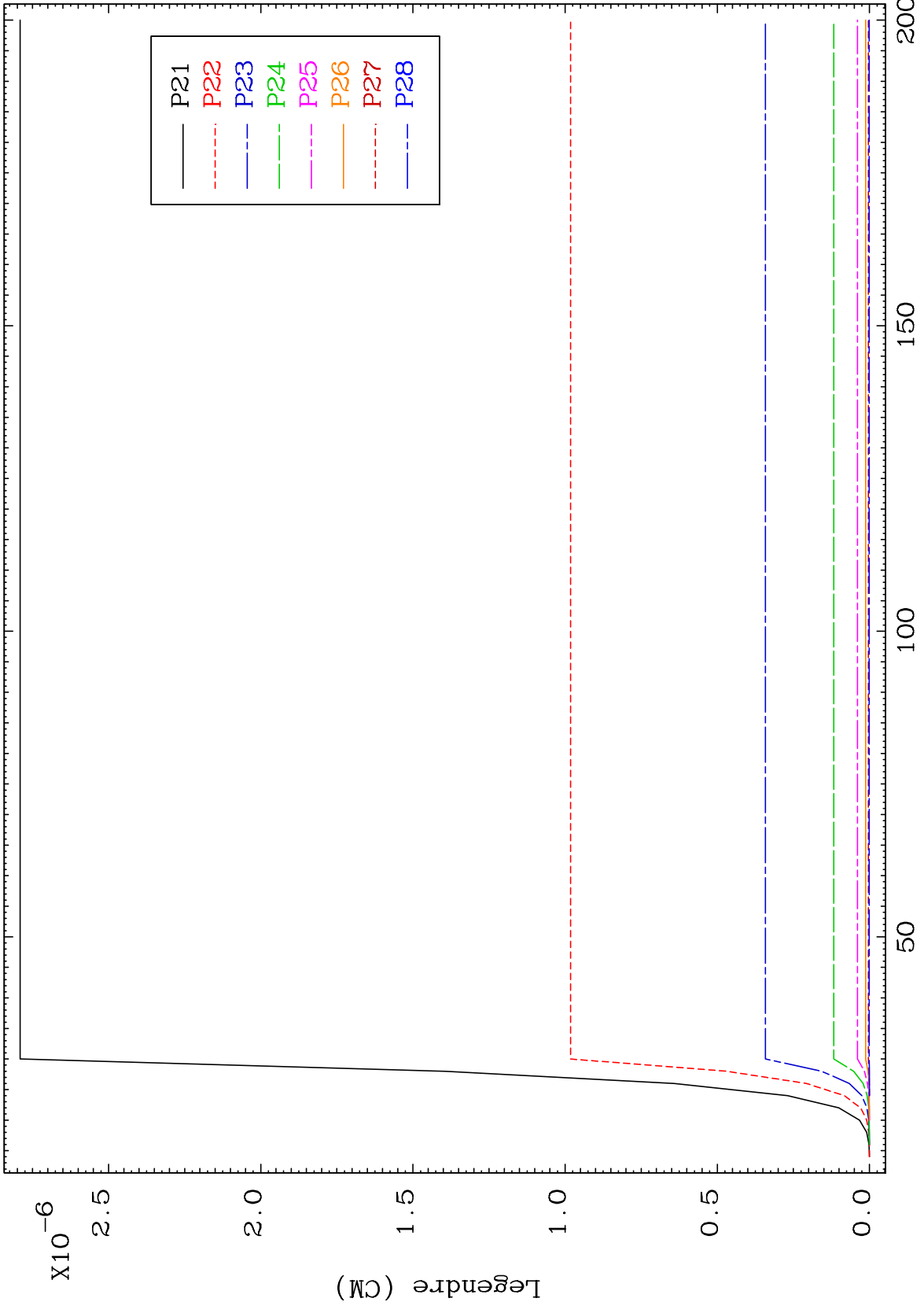


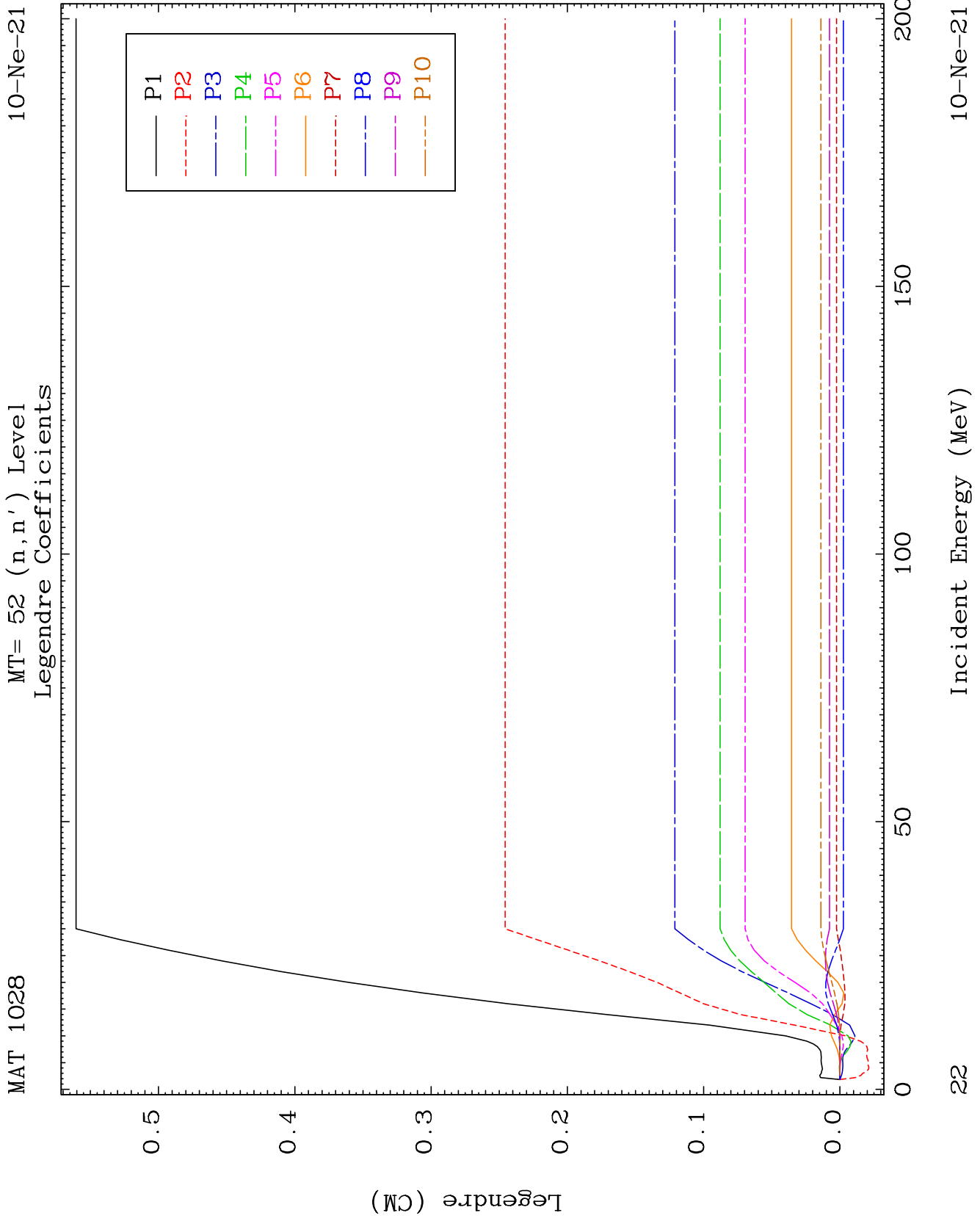
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Incident Energy (MeV)

10-Ne-21

MAT 1028 MT= 51 (n,n') Level Legendre Coefficients 10-Ne-21

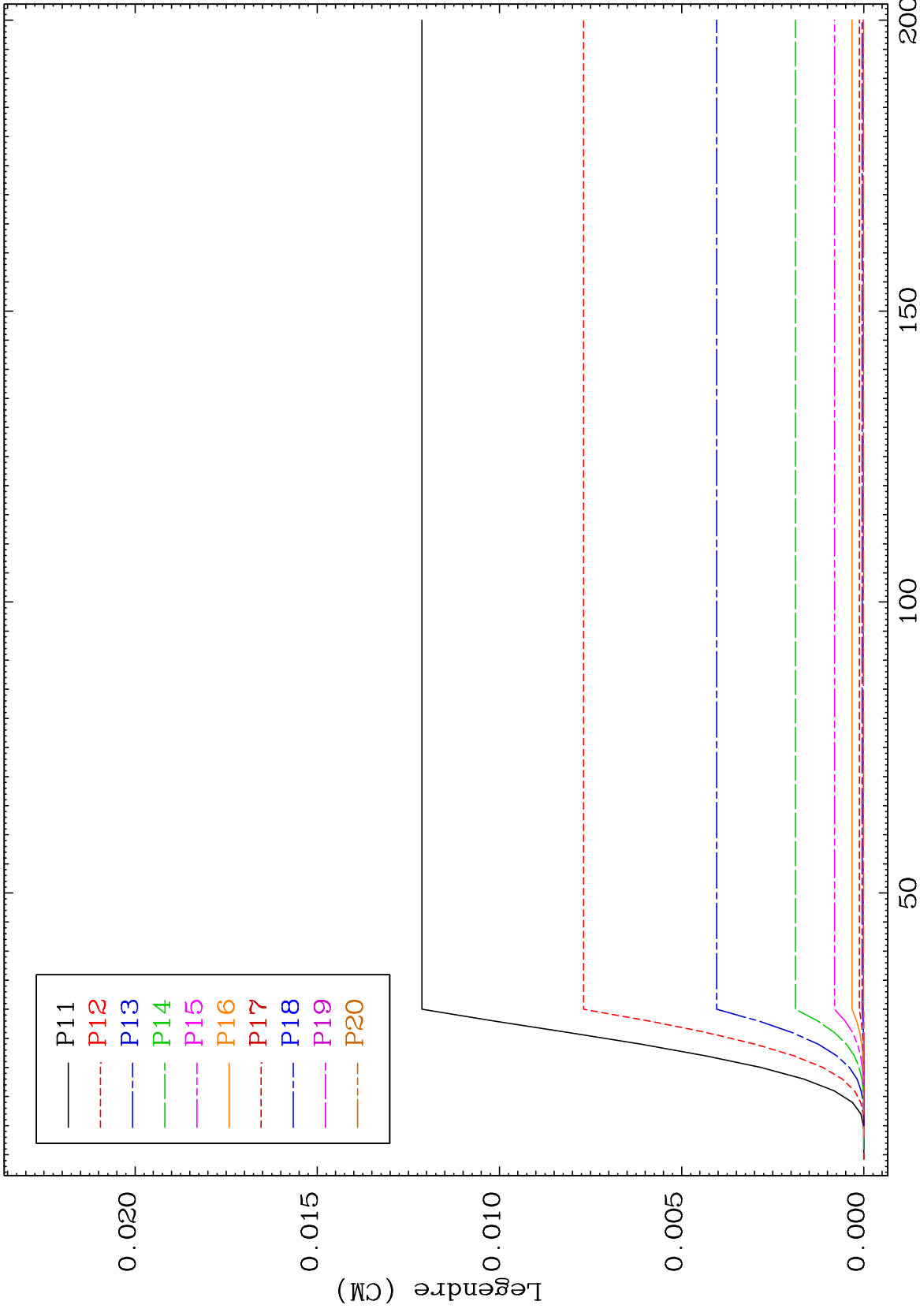




MAT 1028

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

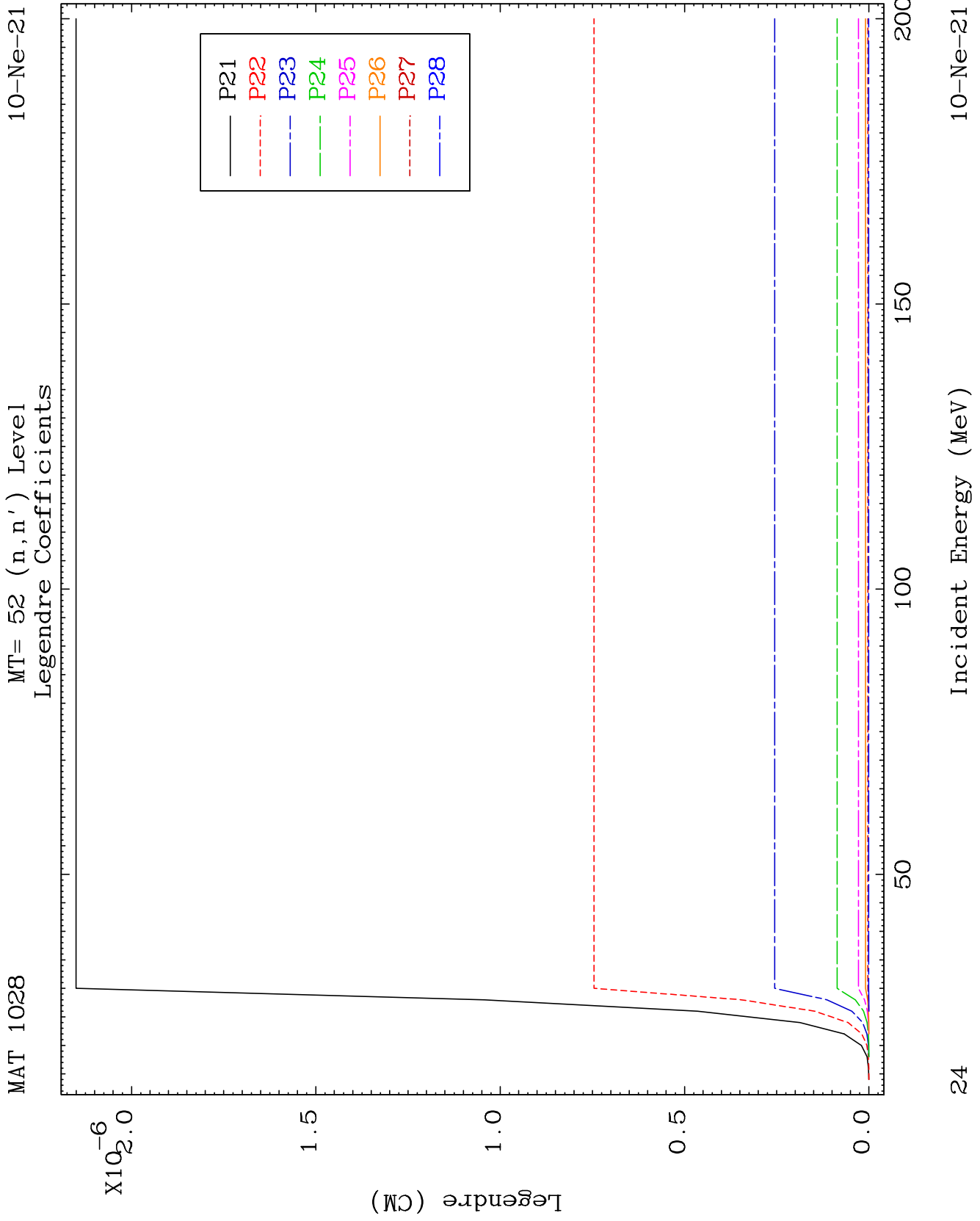
10-Ne-21



23

10-Ne-21

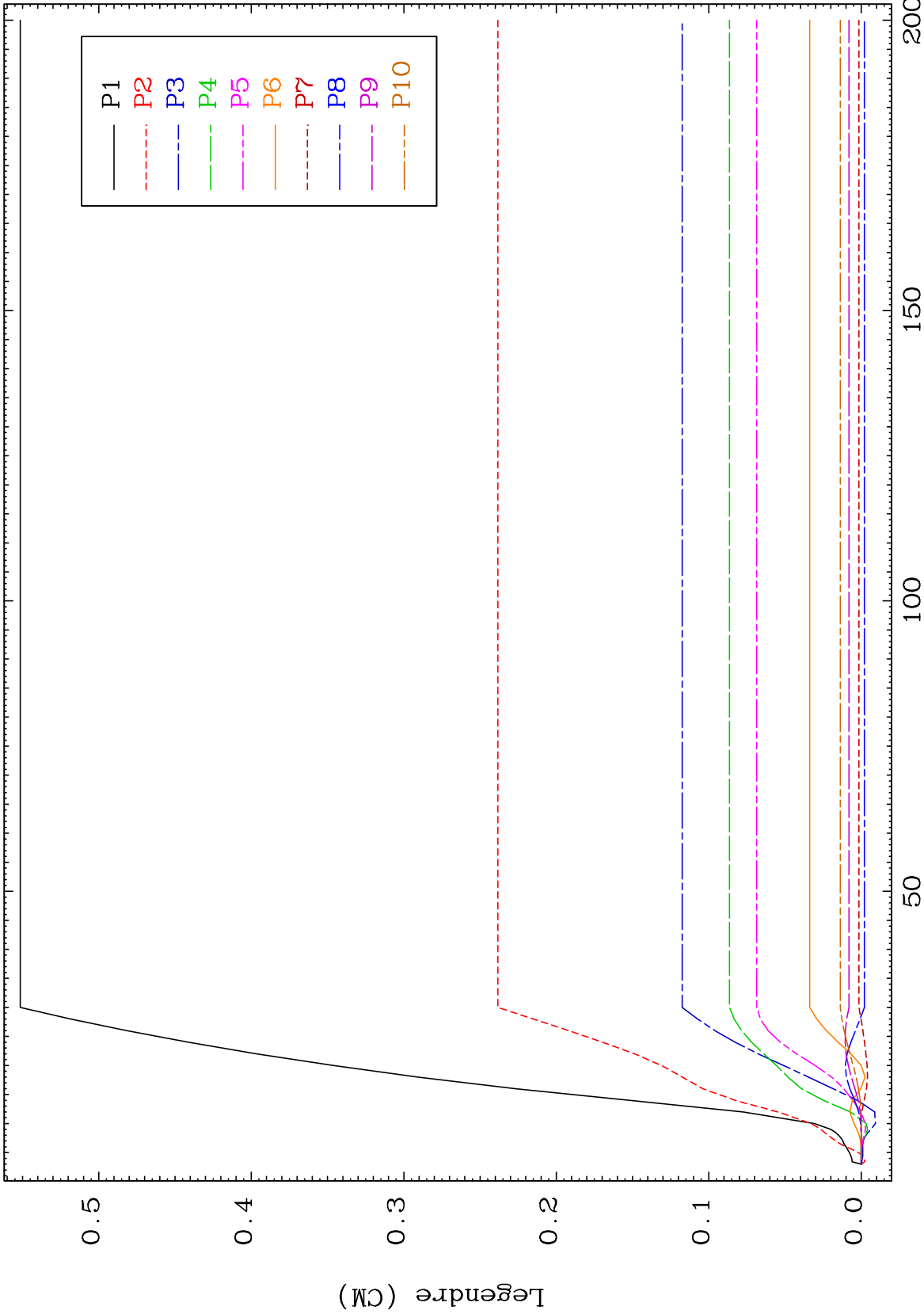




MAT 1028

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

10-Ne-21



25

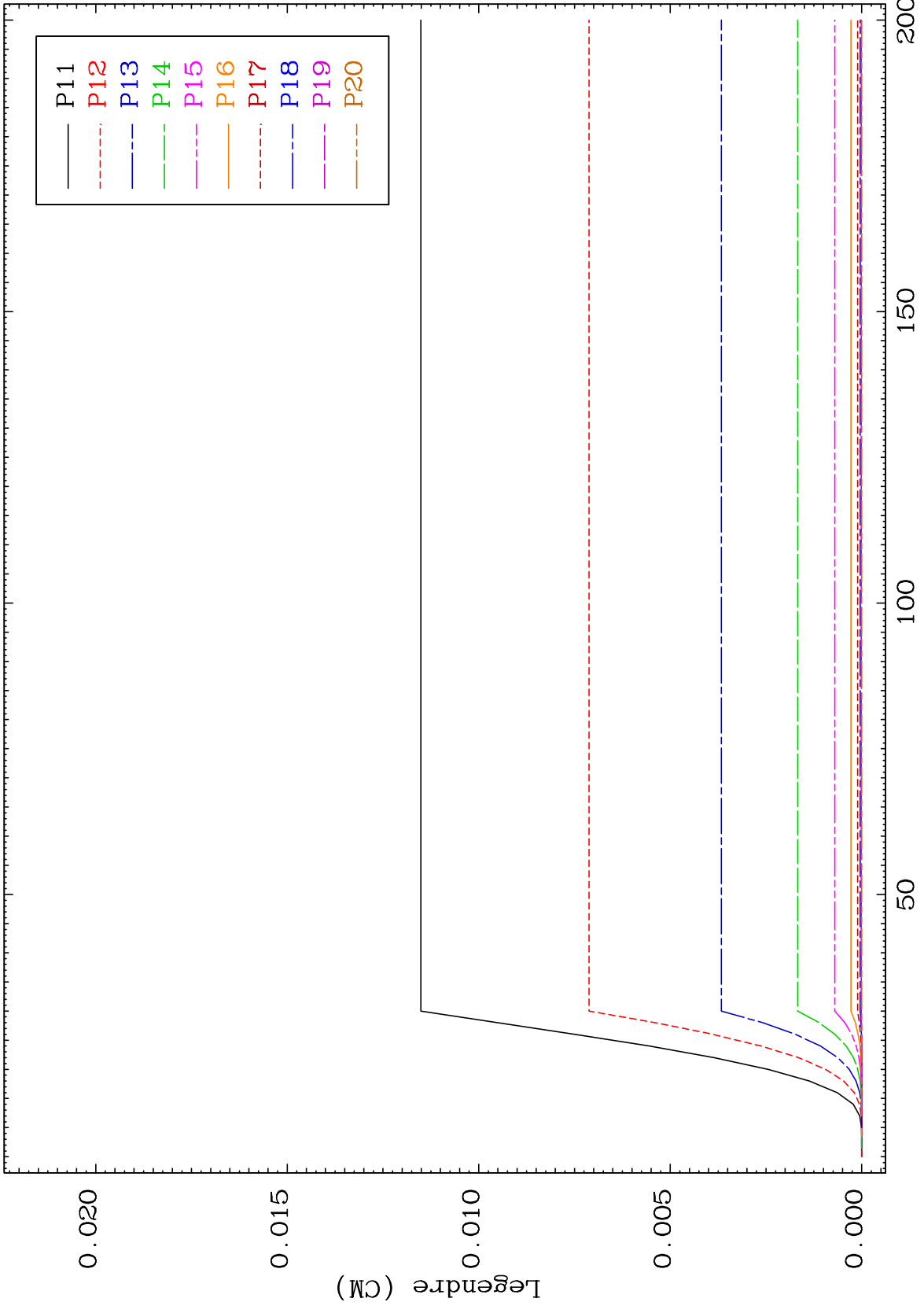
Incident Energy (MeV)

10-Ne-21

MAT 1028

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

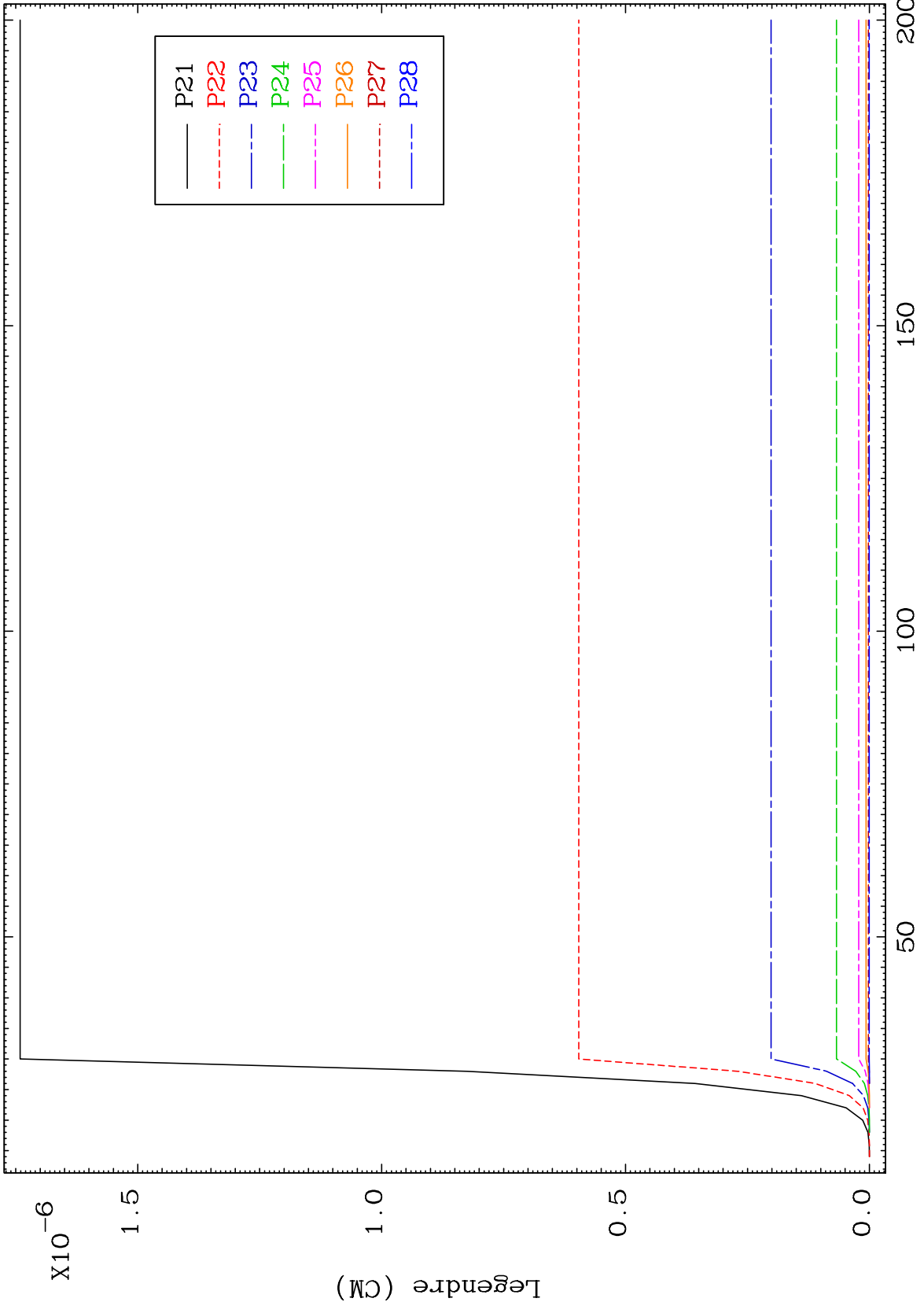
10-Ne-21



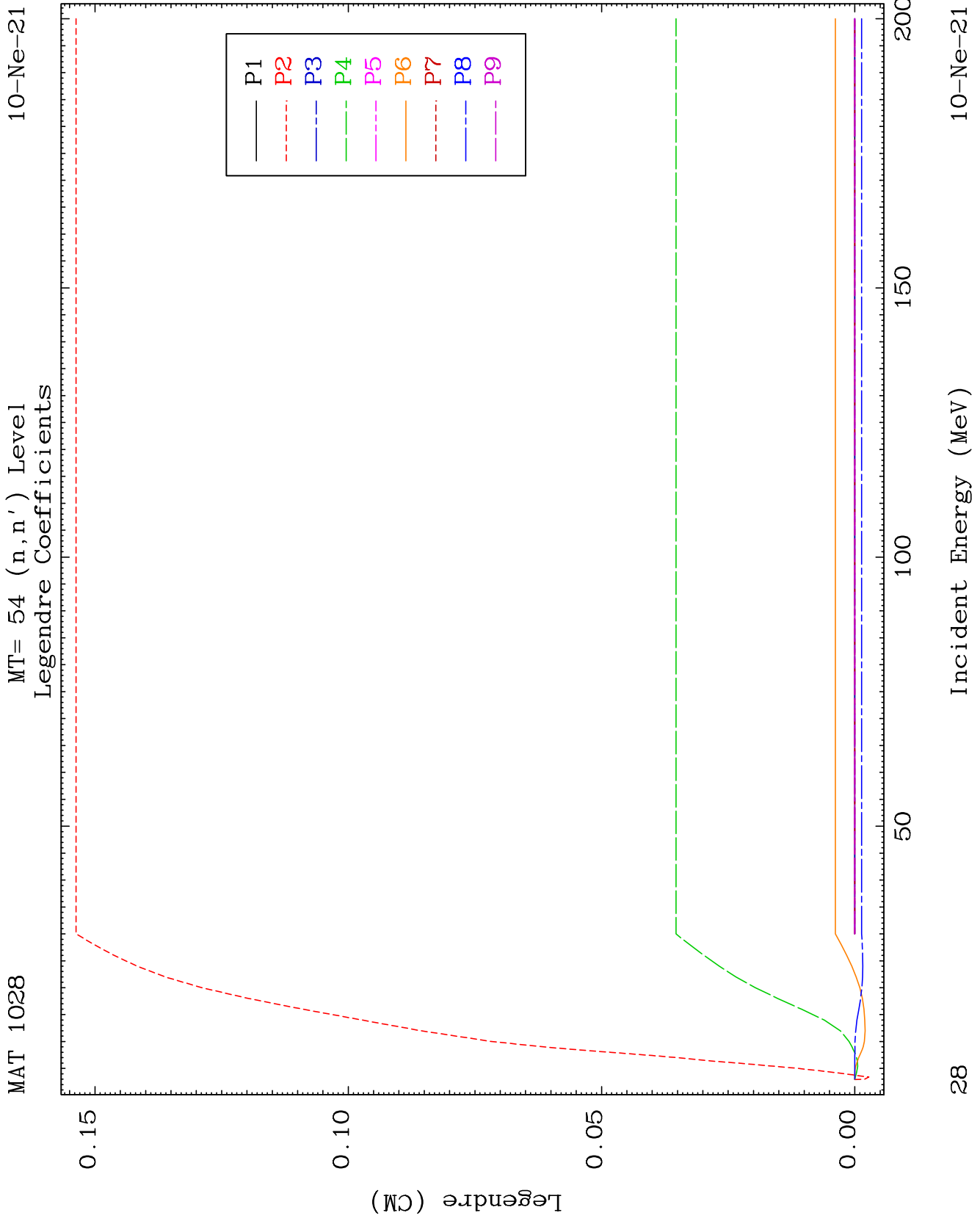
26

10-Ne-21

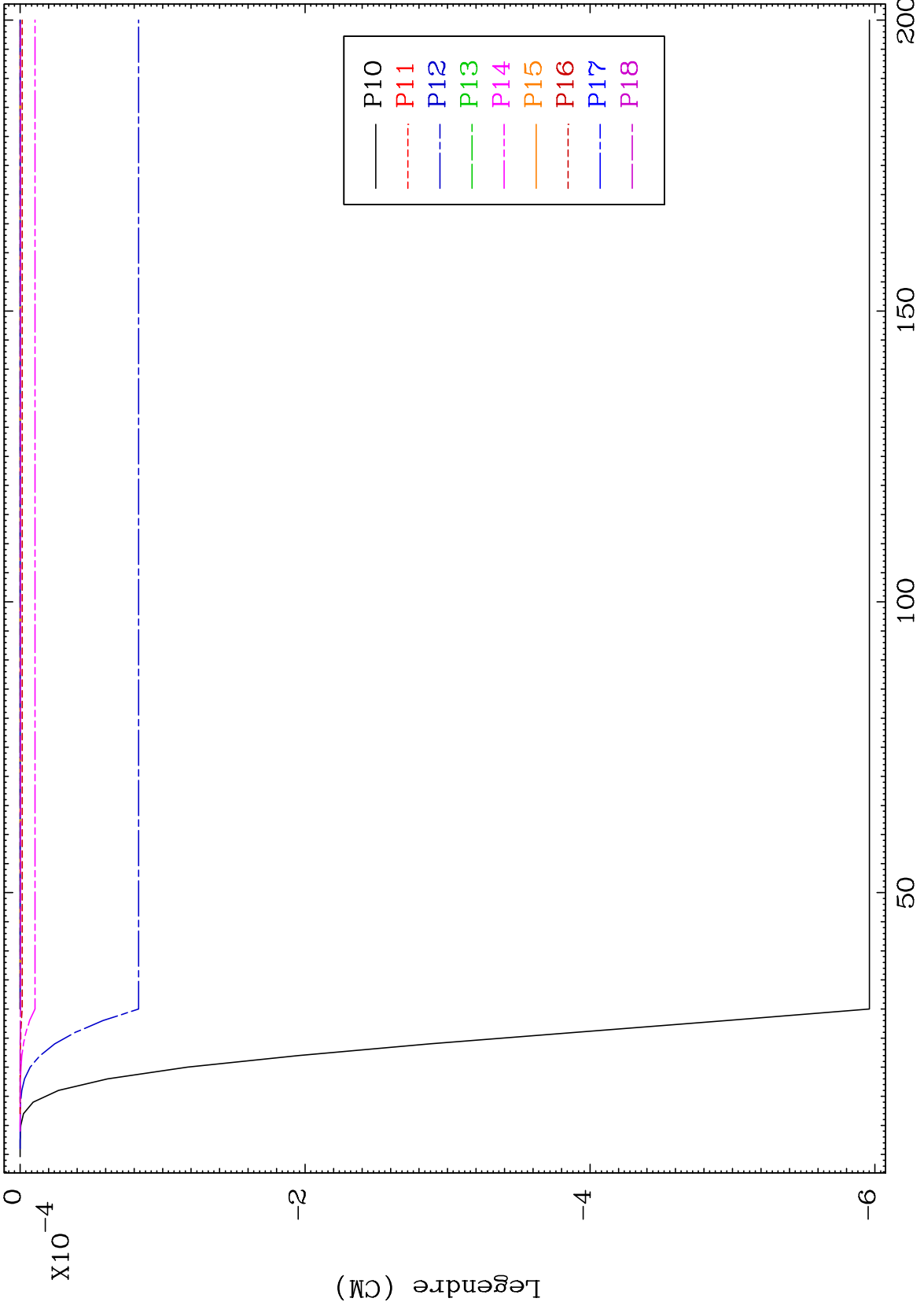
MAT 1028 MT= 53 (n,n') Level Legendre Coefficients 10-Ne-21



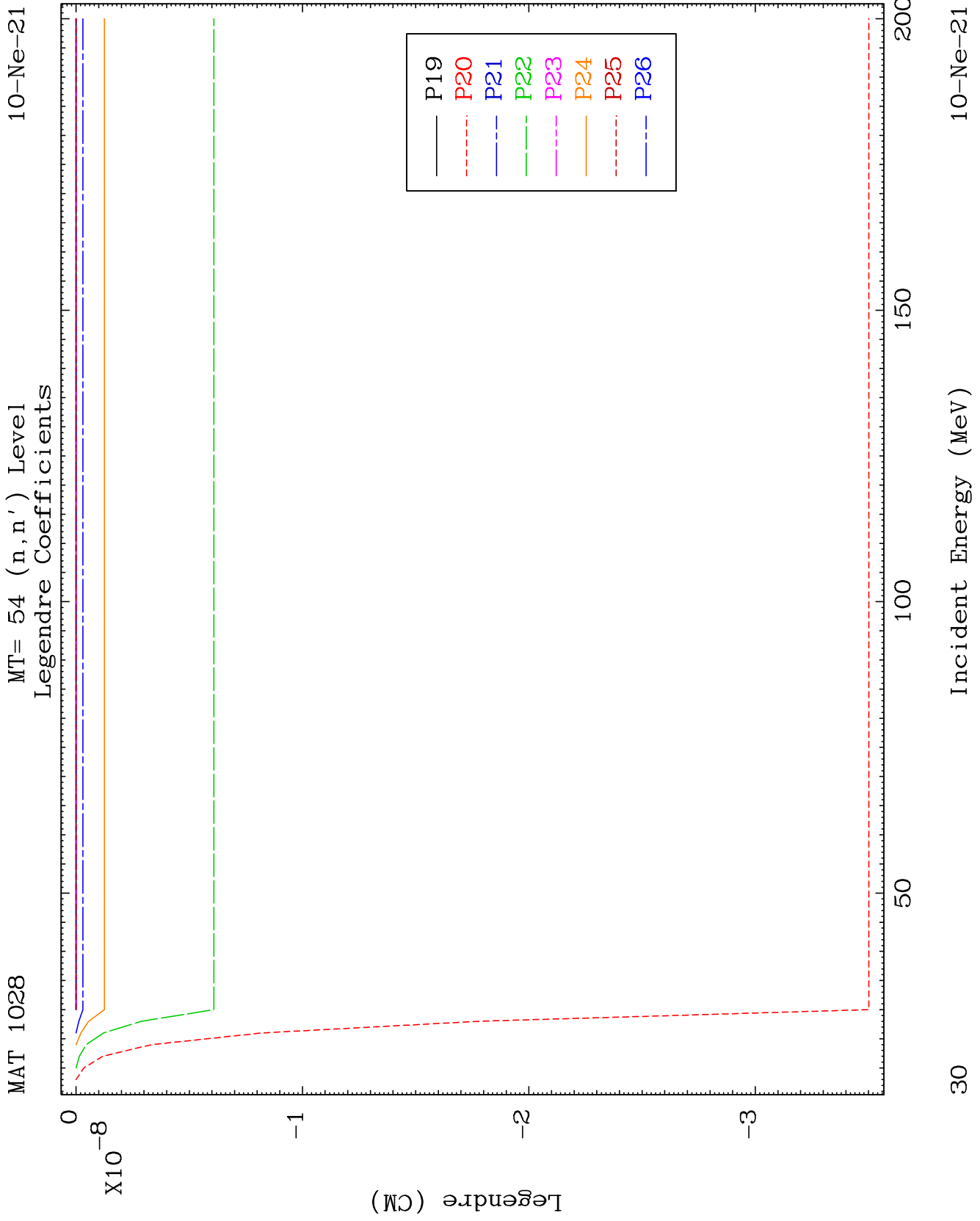
27 Incident Energy (MeV) 10-Ne-21



MAT 1028 MT= 54 (n,n') Level Legendre Coefficients 10-Ne-21



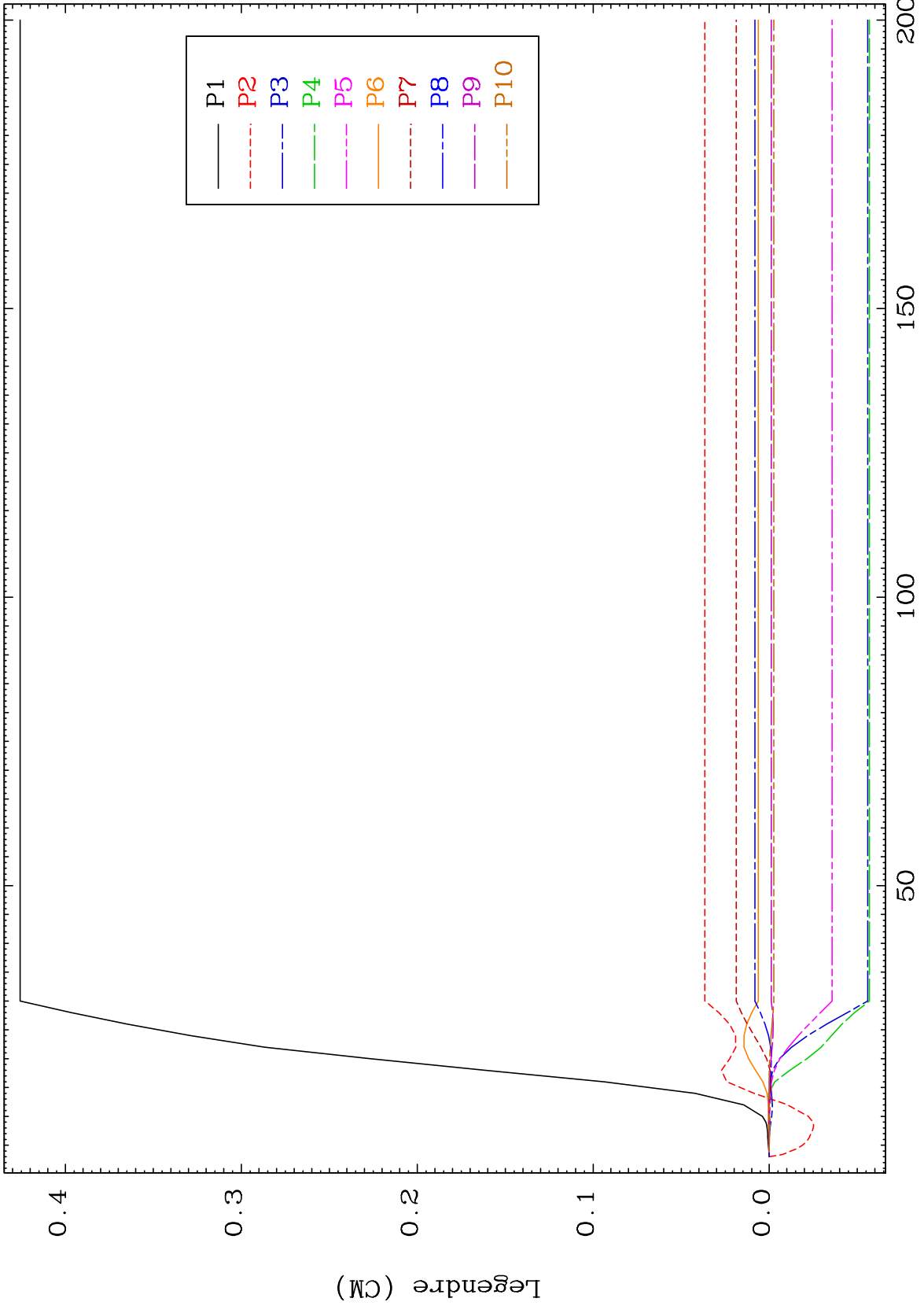
29 Incident Energy (MeV) 10-Ne-21



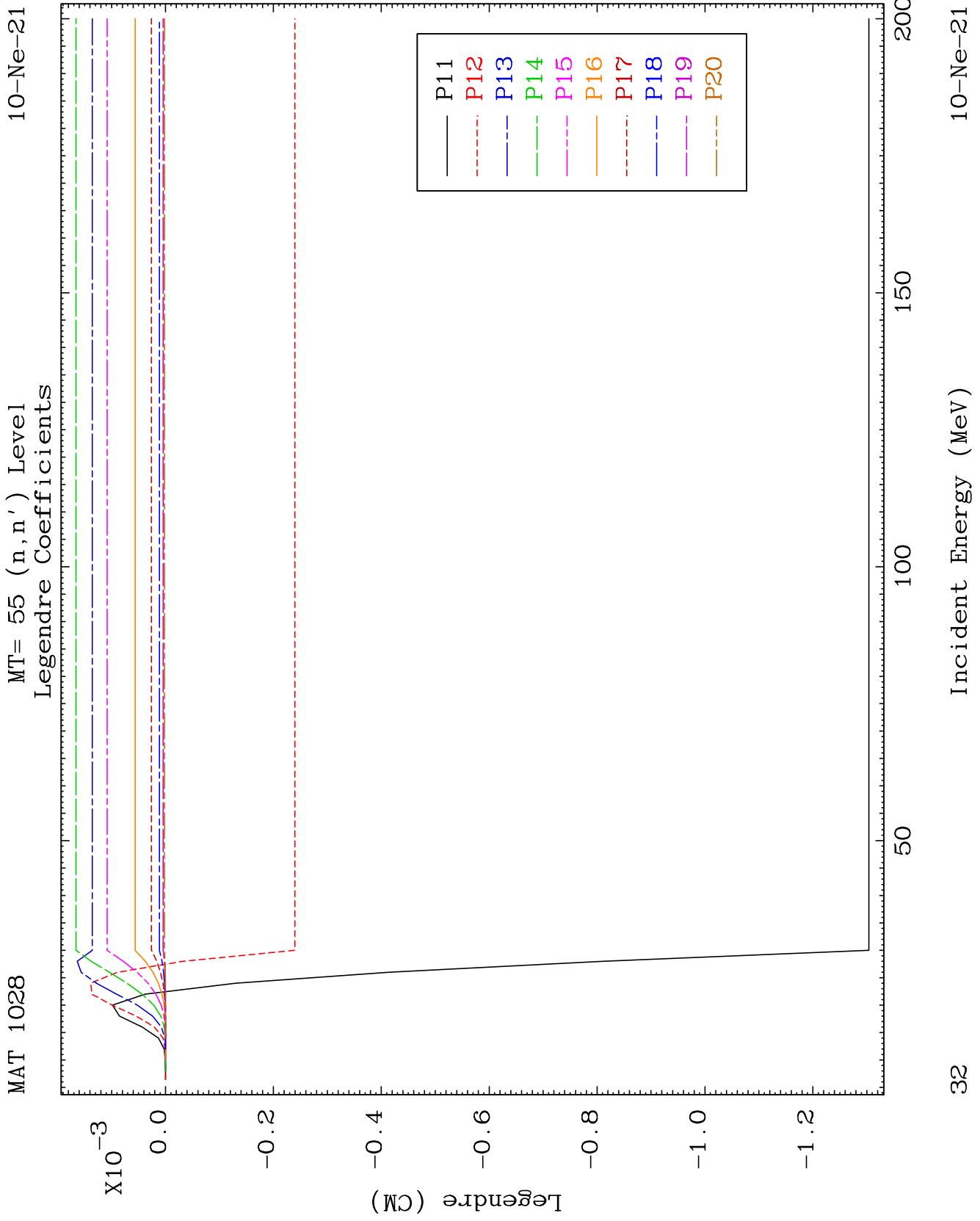
MAT 1028

MT= 55 (n,n') Level  
Legendre Coefficients

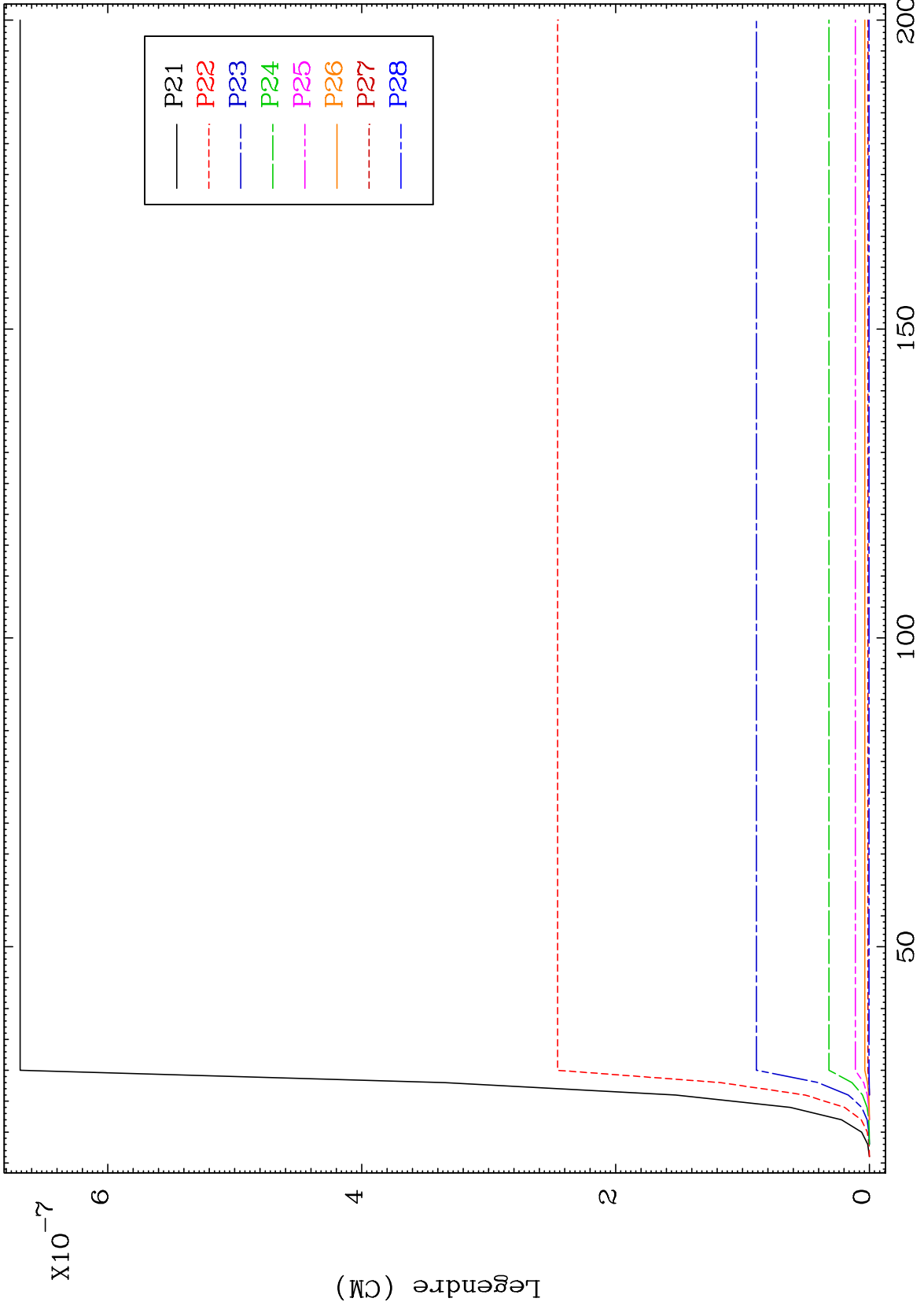
10-Ne-21



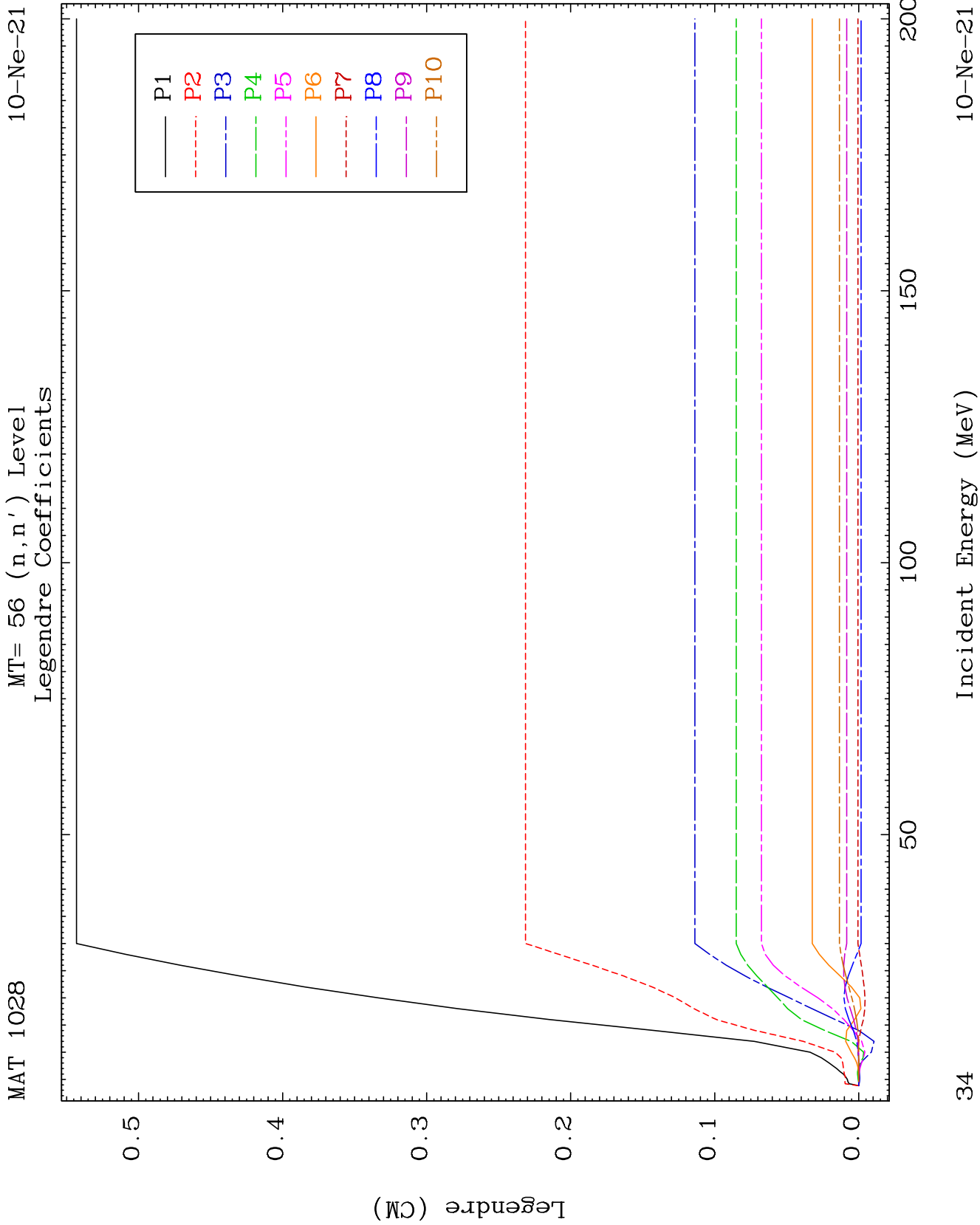




MAT 1028 MT= 55 (n,n') Level Legendre Coefficients 10-Ne-21



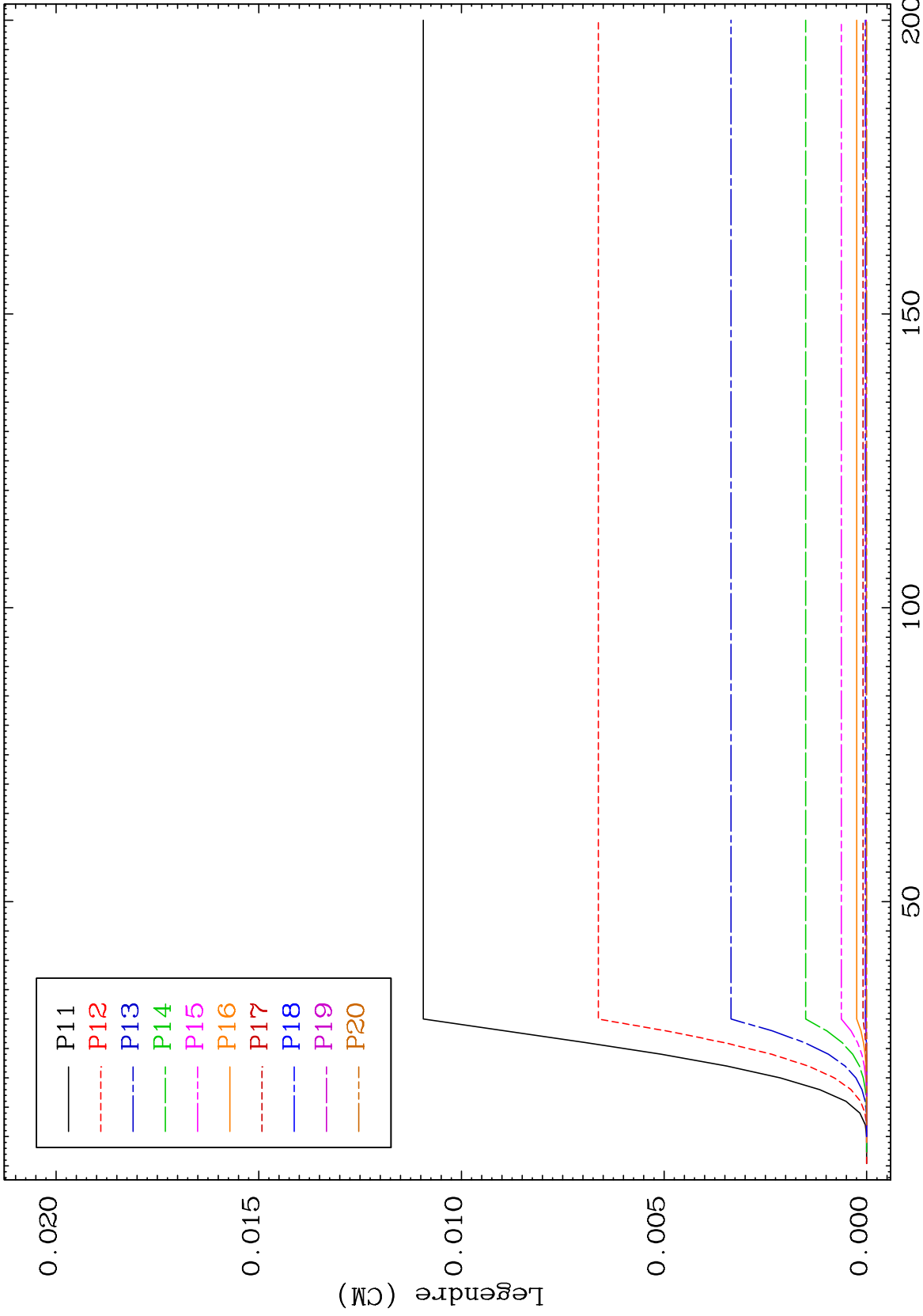
33 10-Ne-21



MAT 1028

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

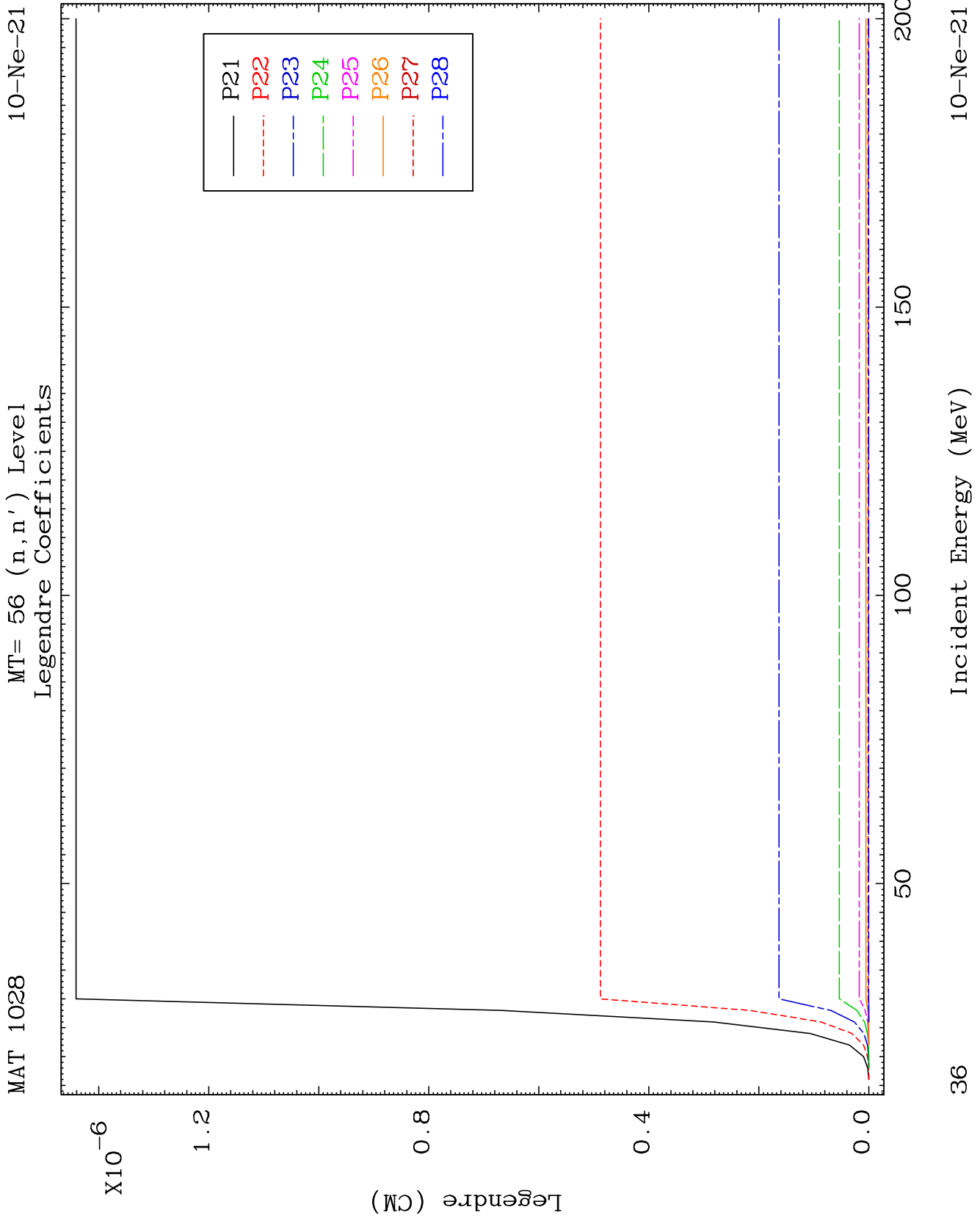
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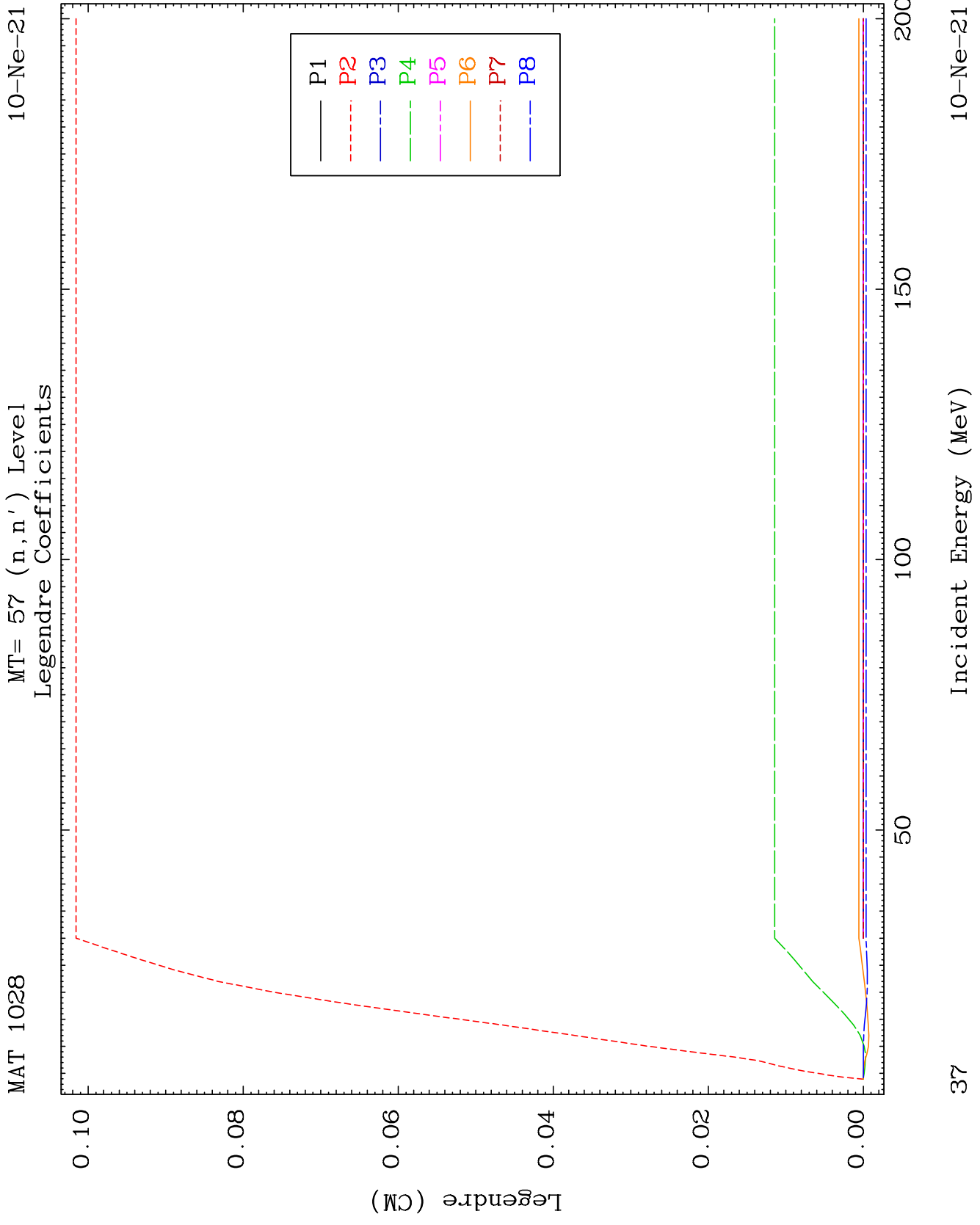


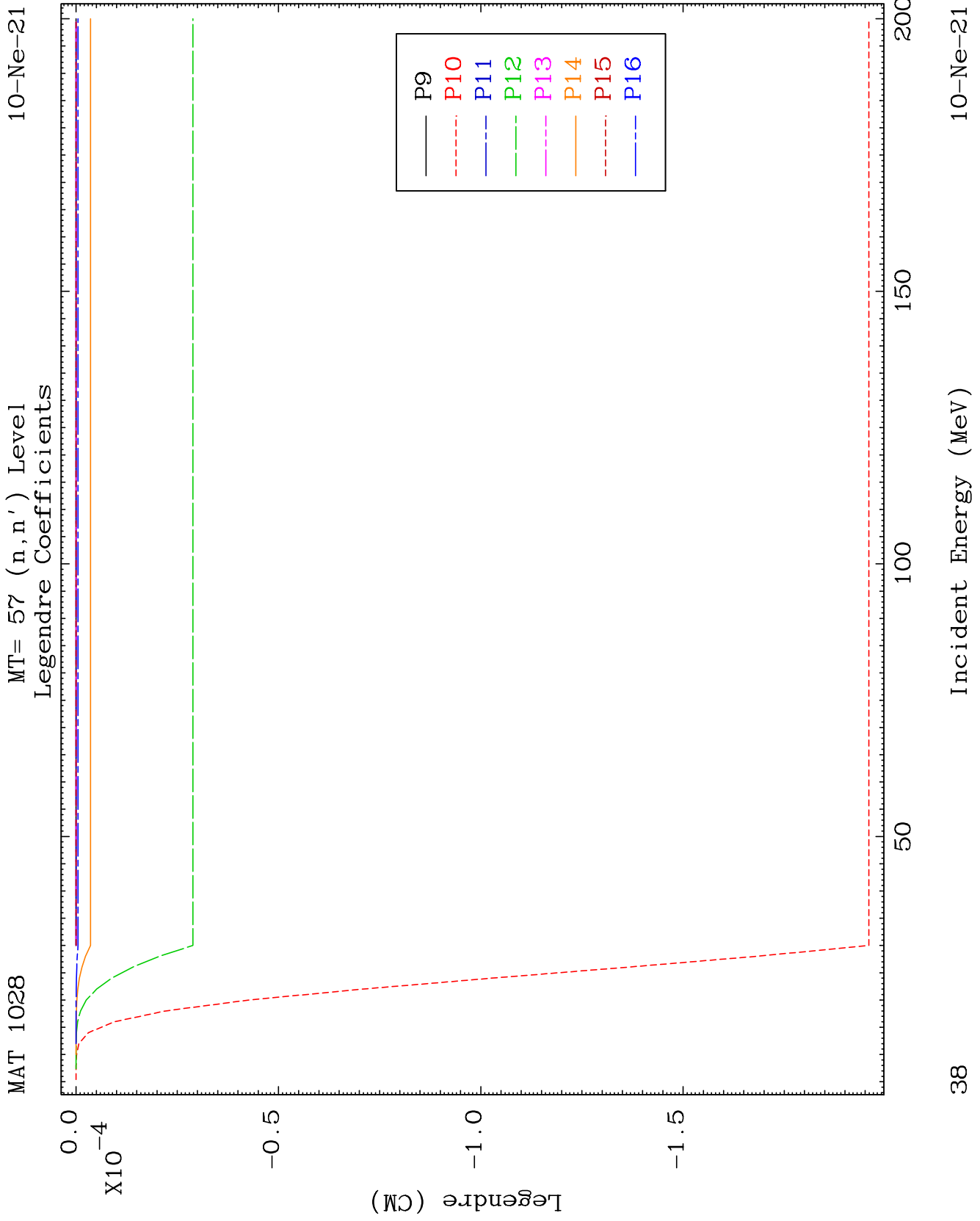
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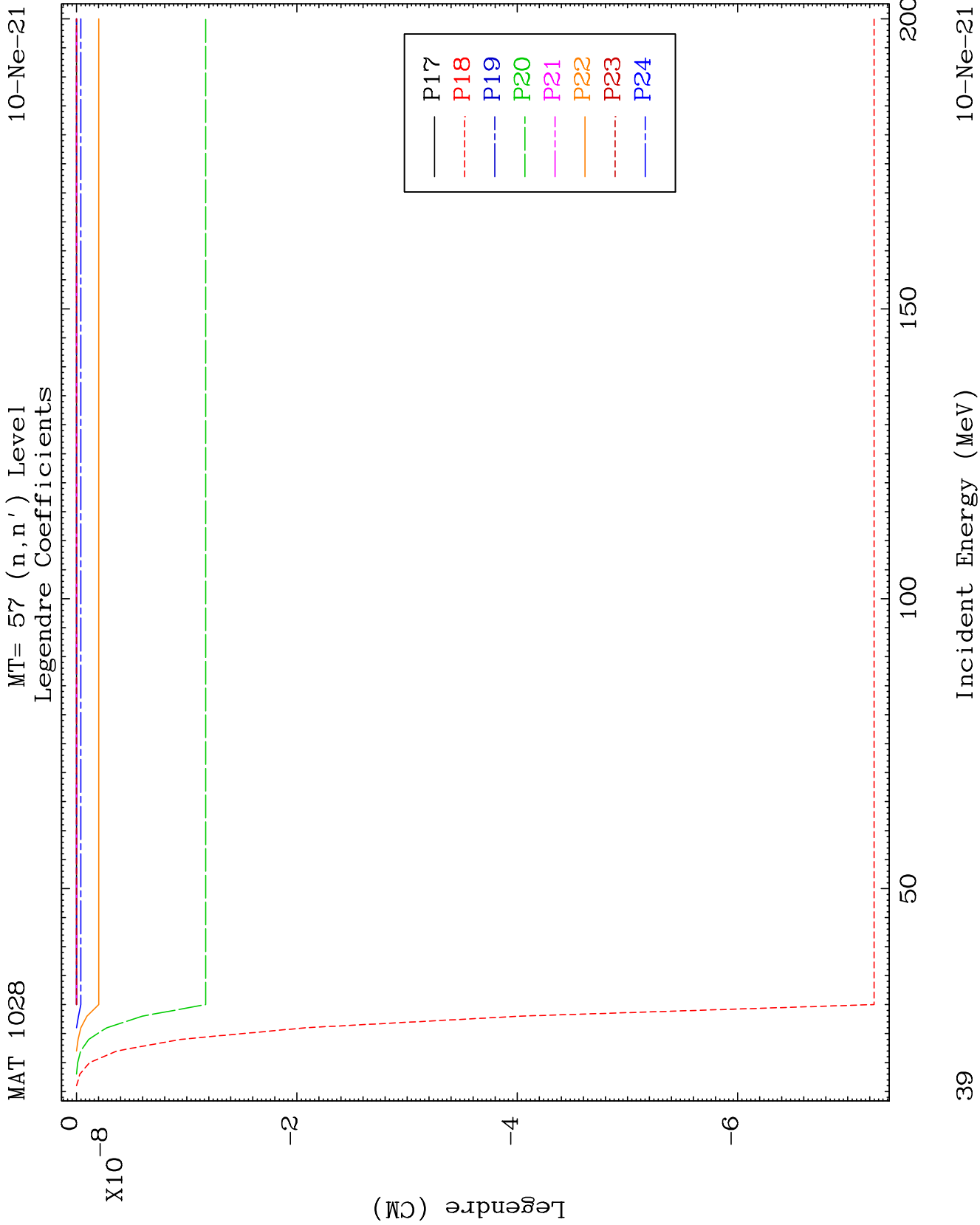
Incident Energy (MeV)

10-Ne-21



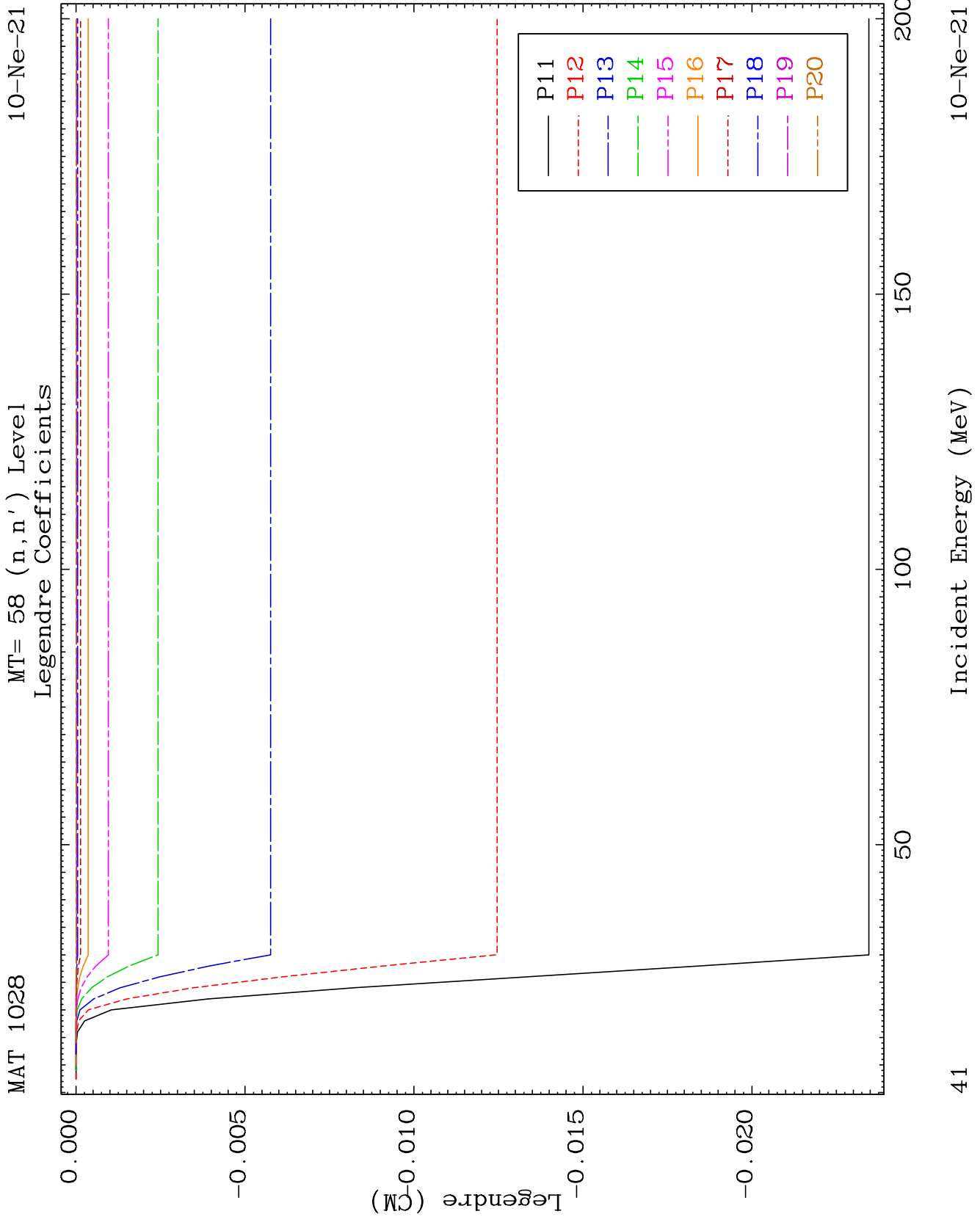


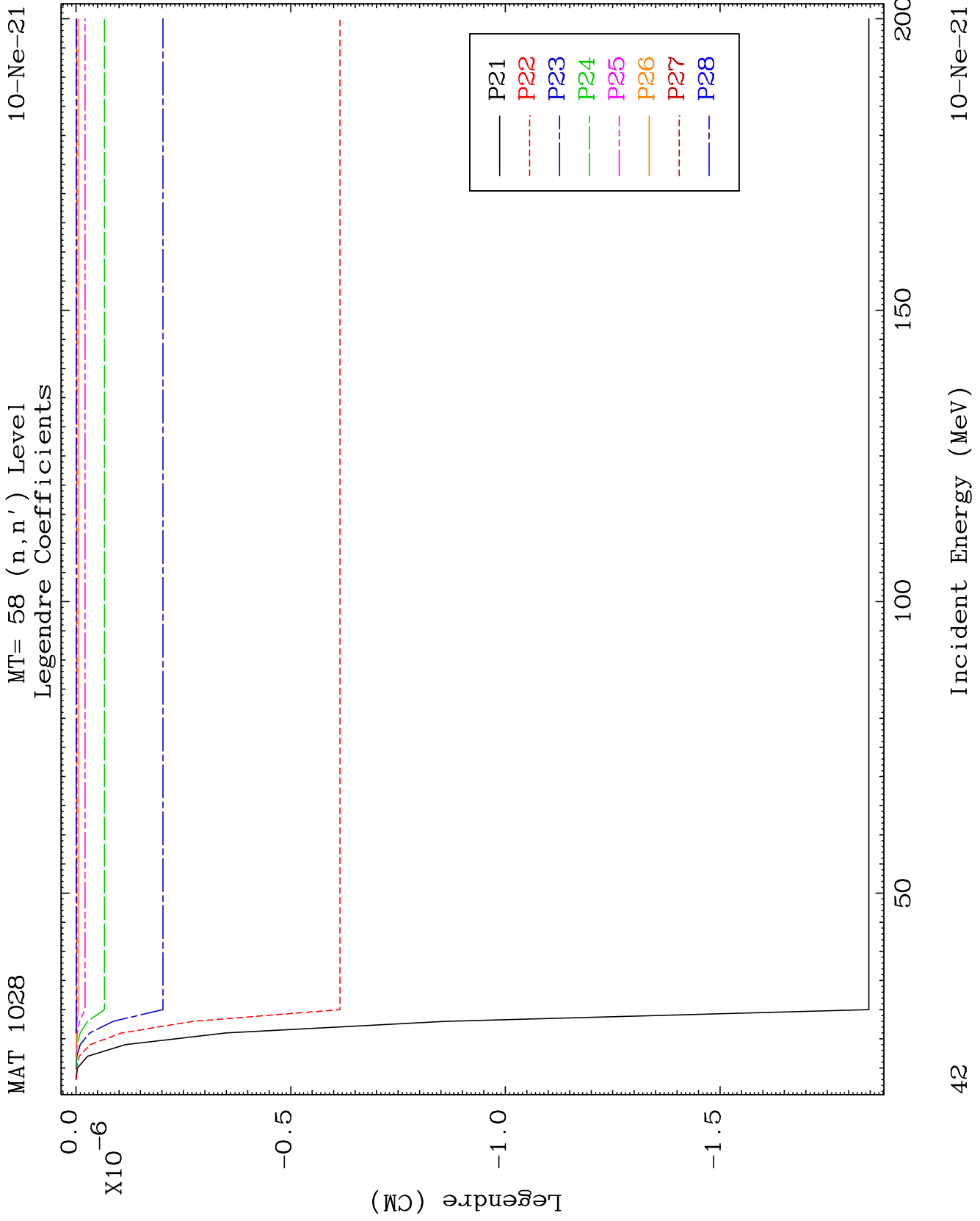


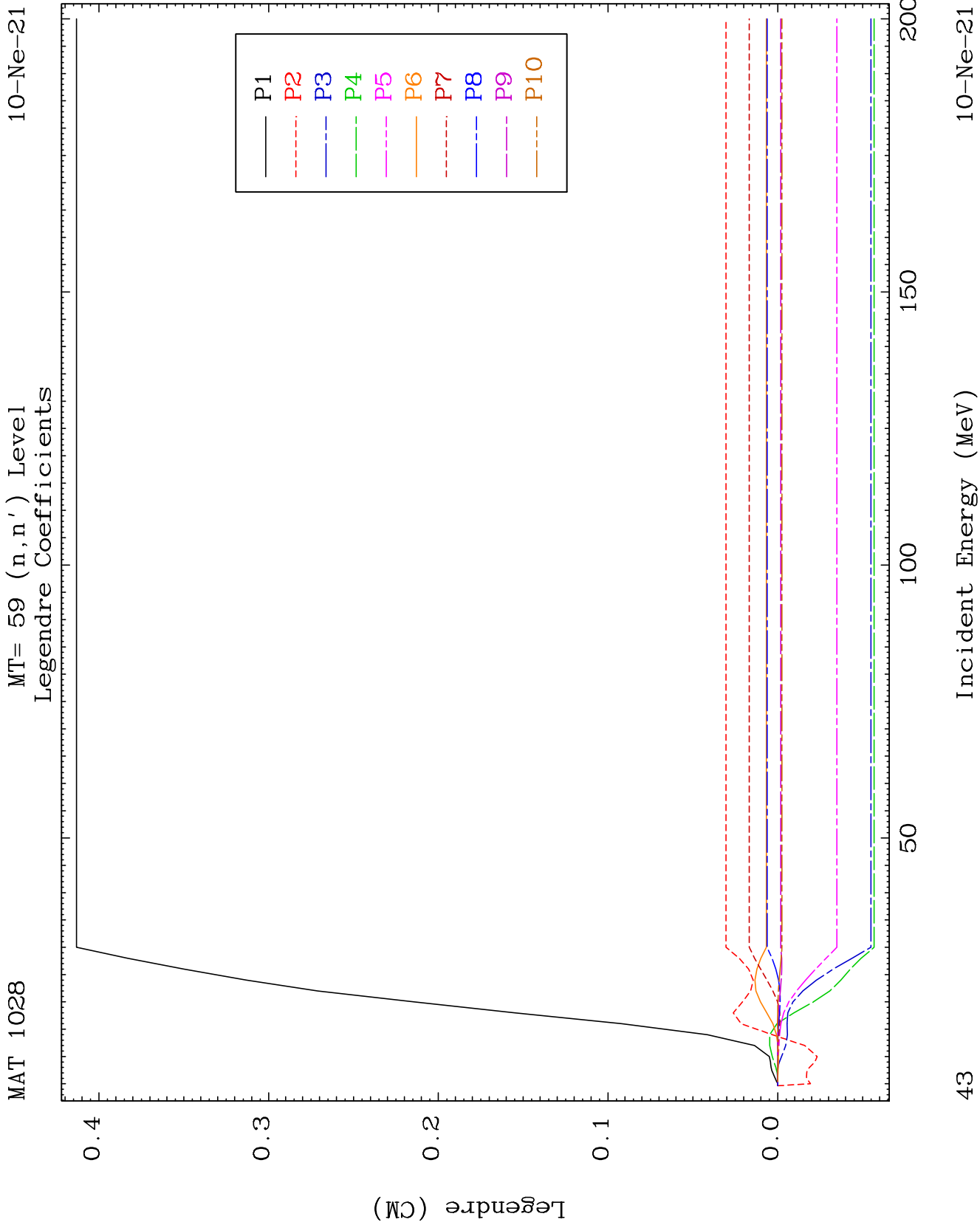


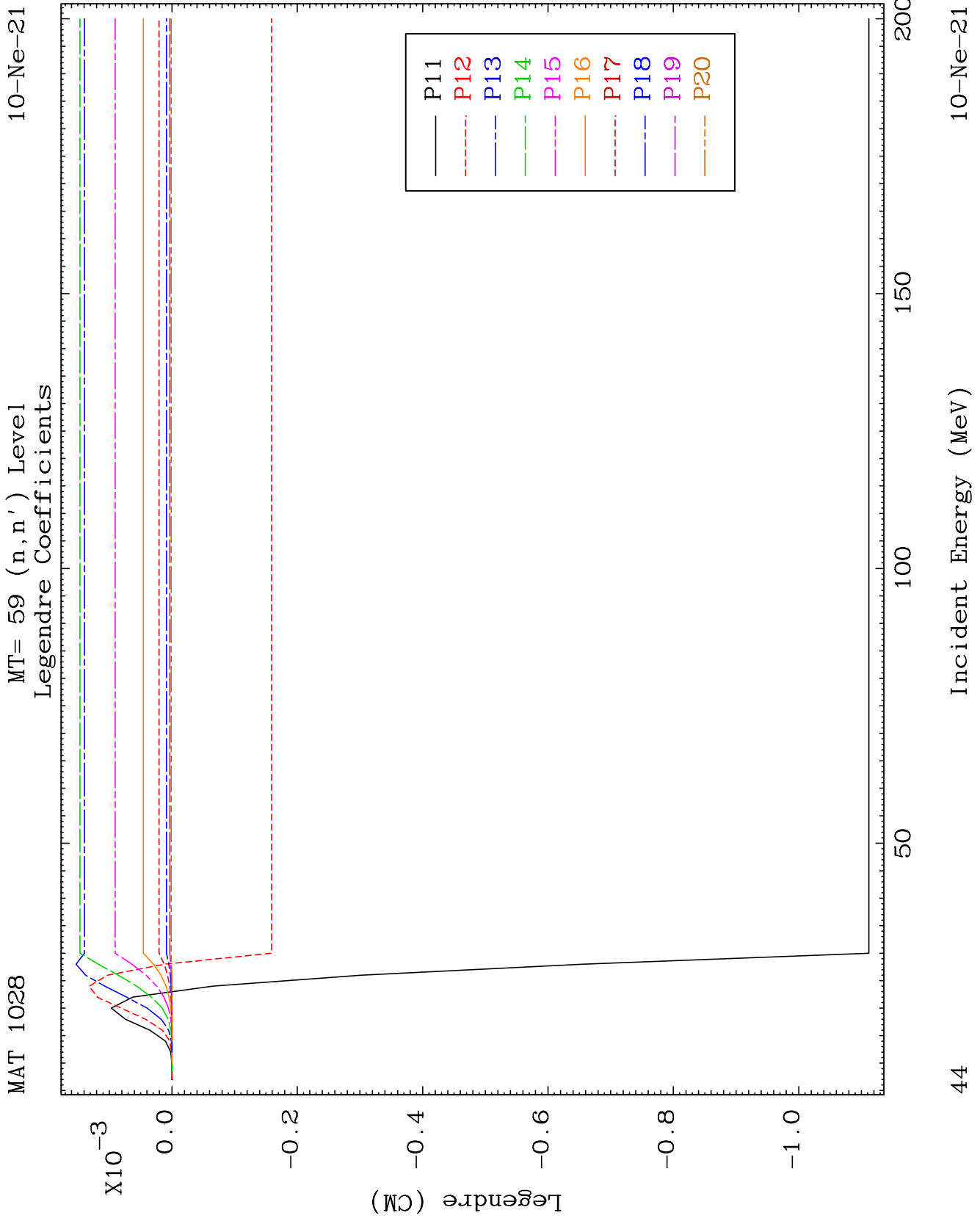


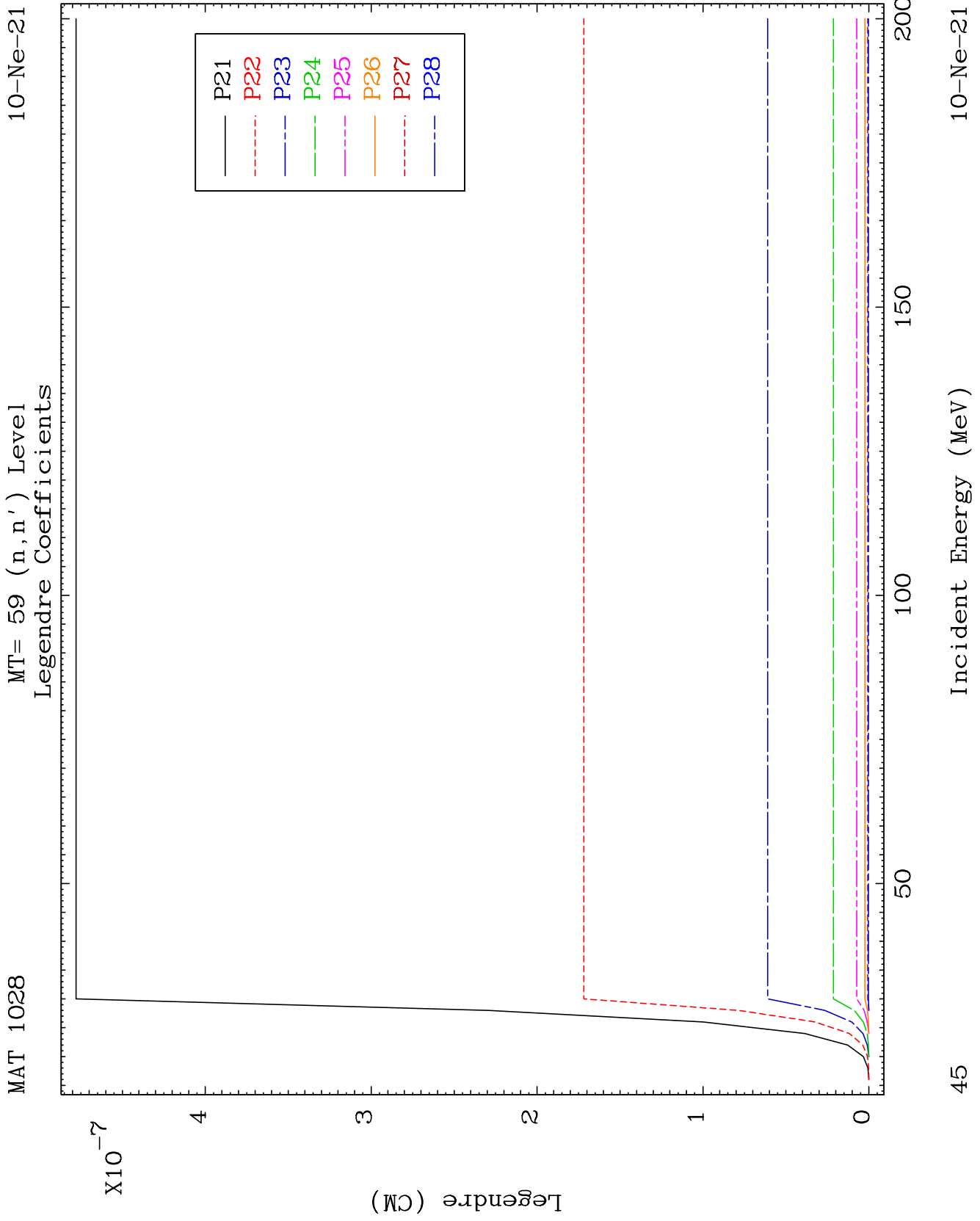


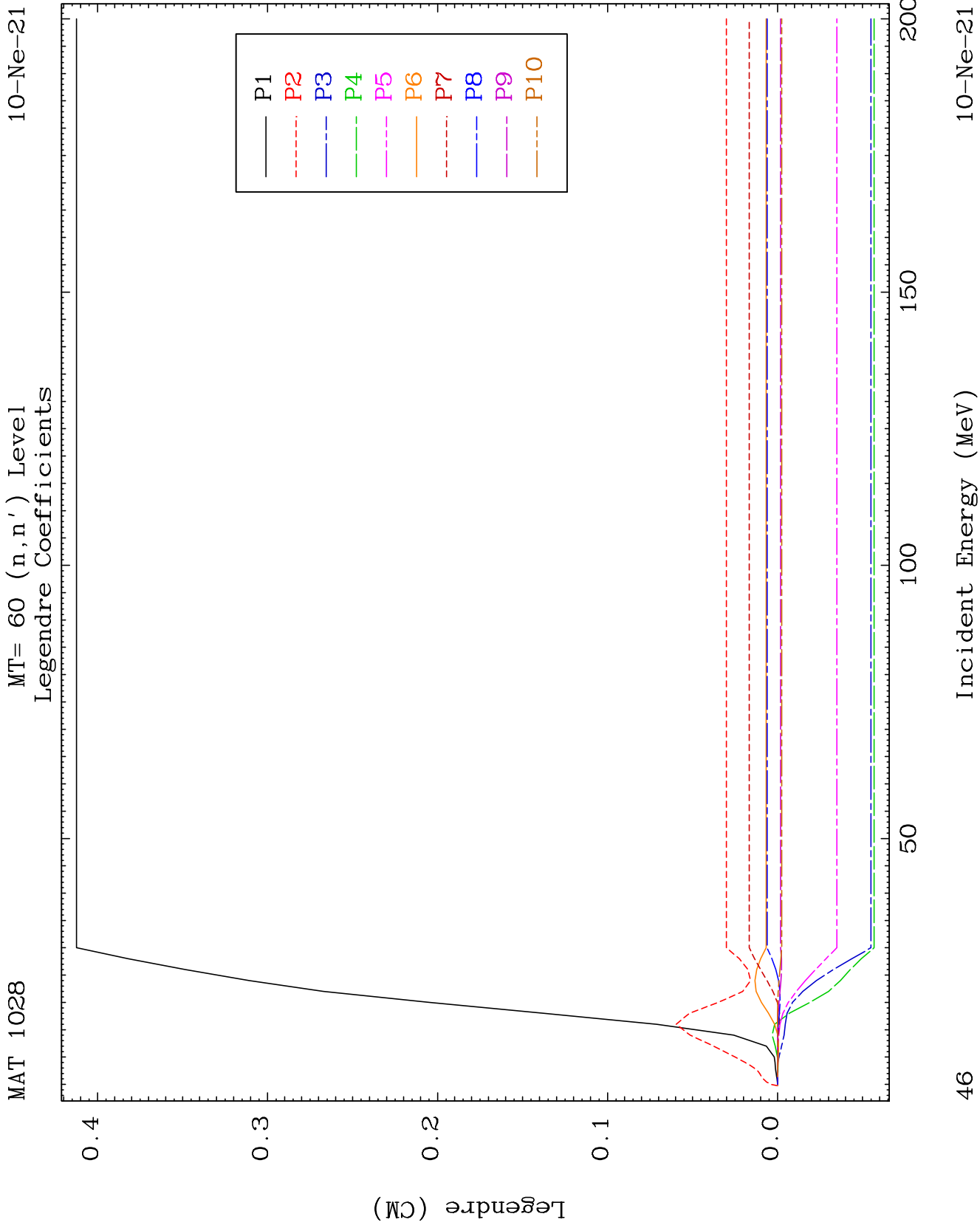


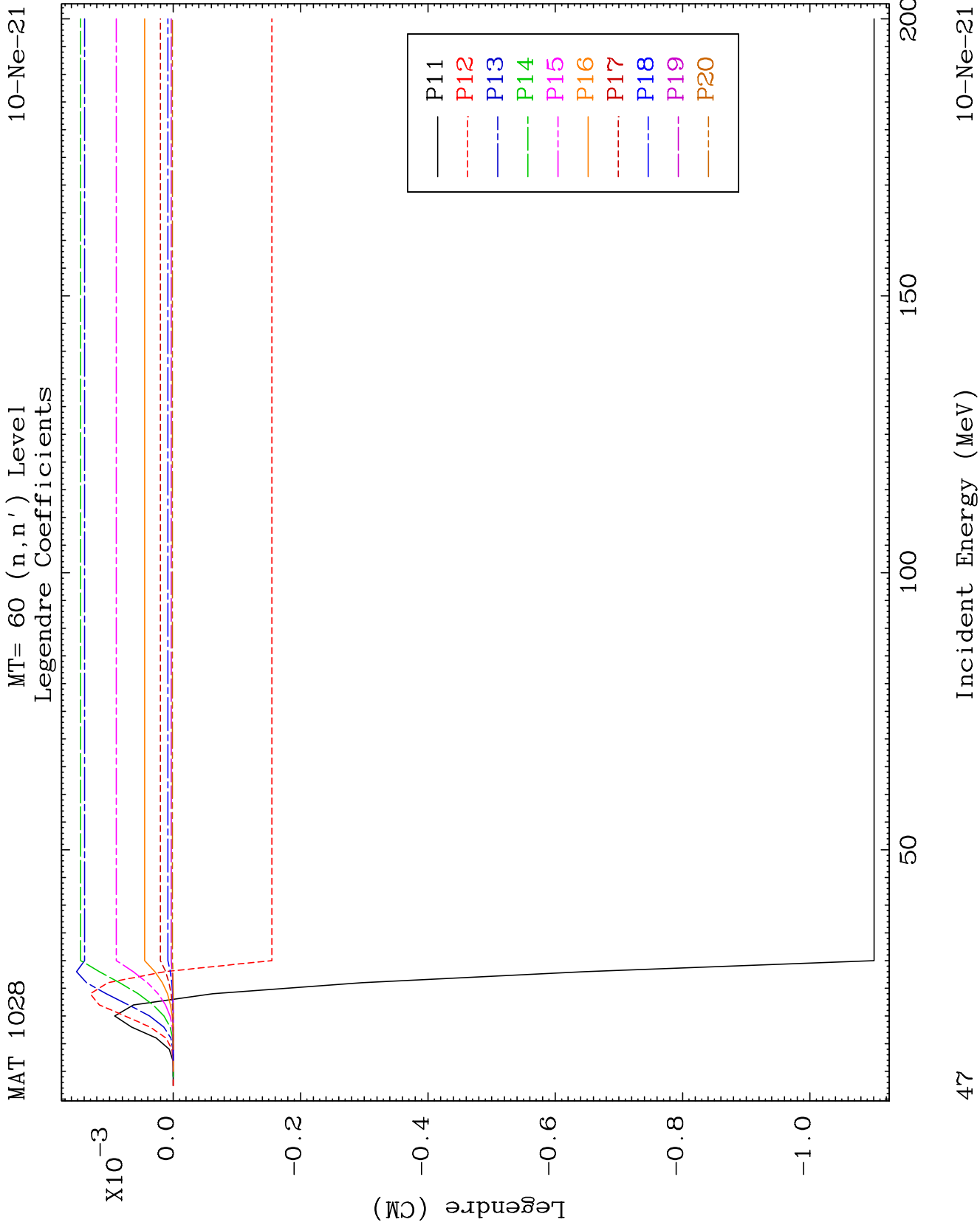




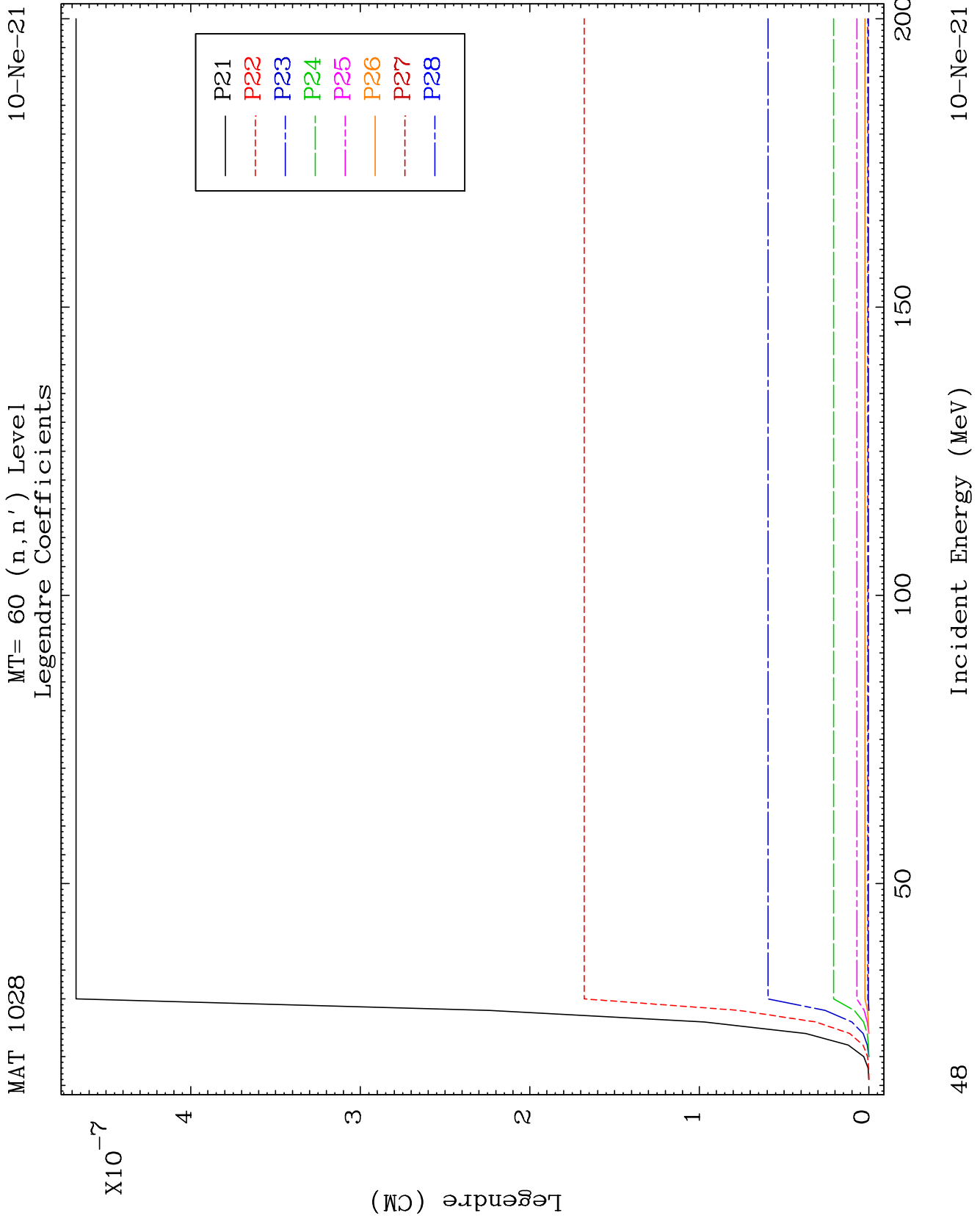










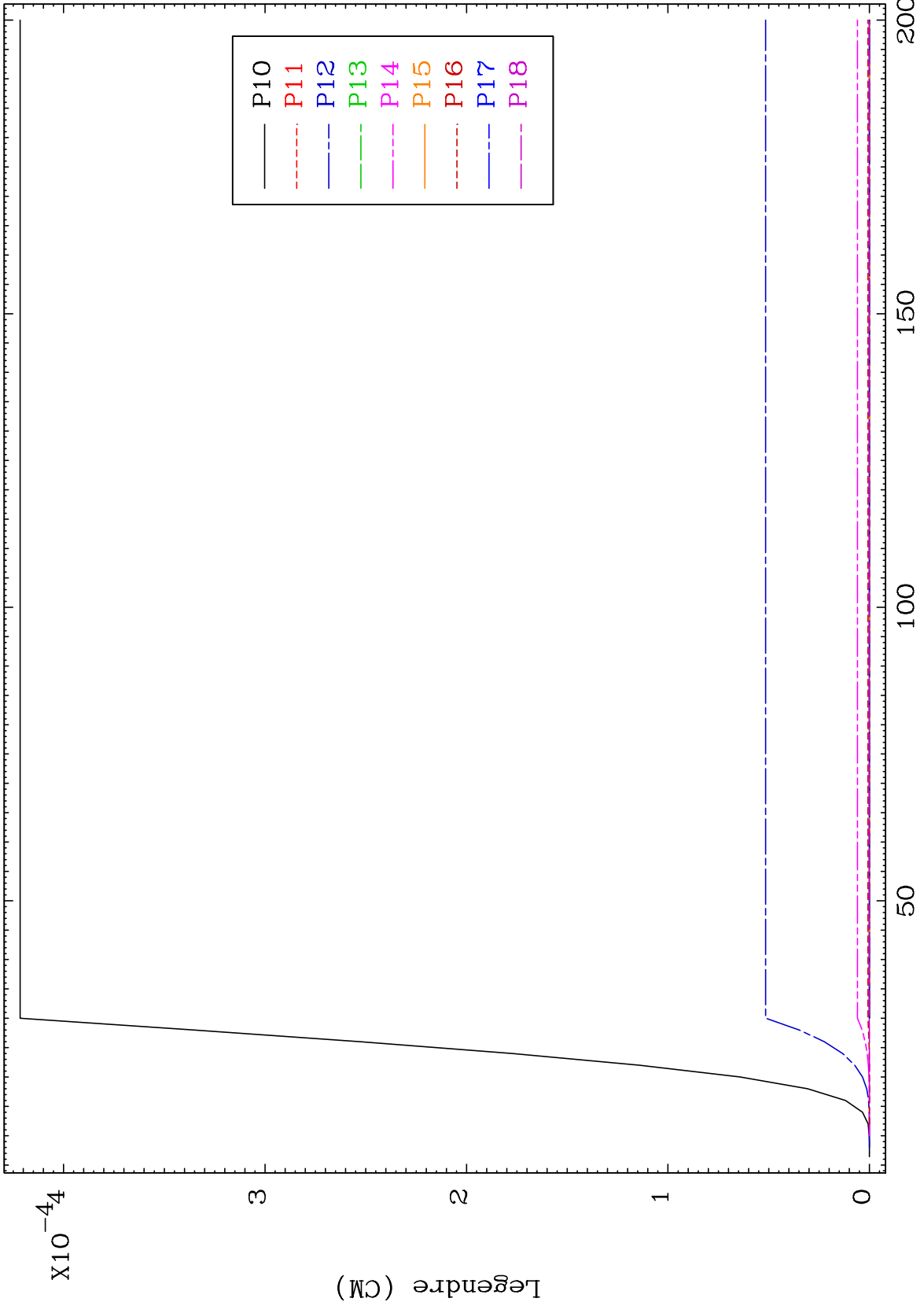




MAT 1028

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

10-Ne-21



10-Ne-21

Incident Energy (MeV)

50

50

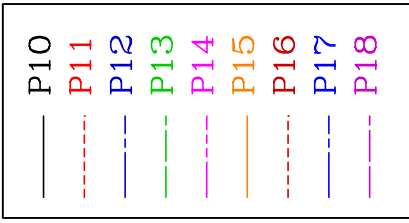
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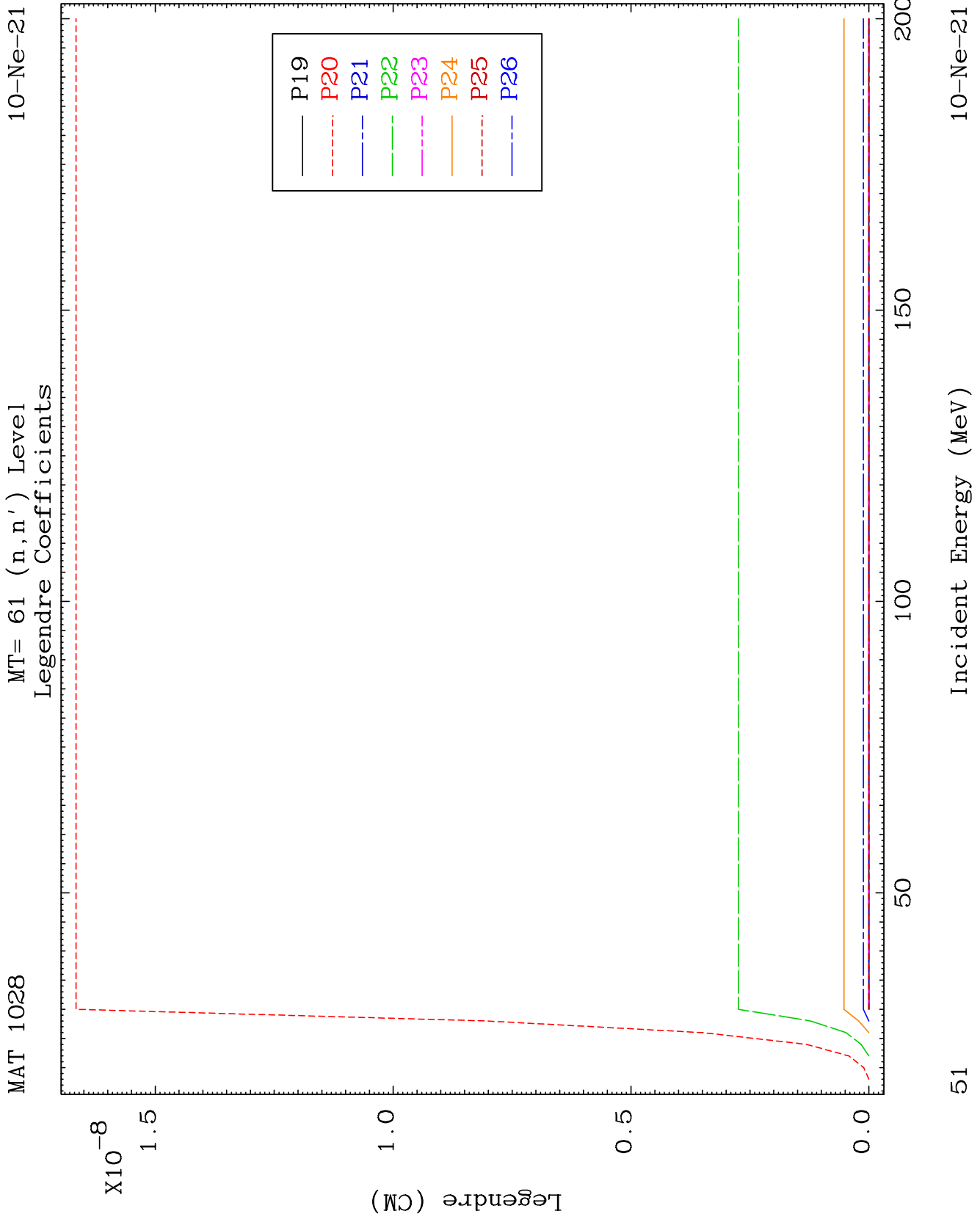
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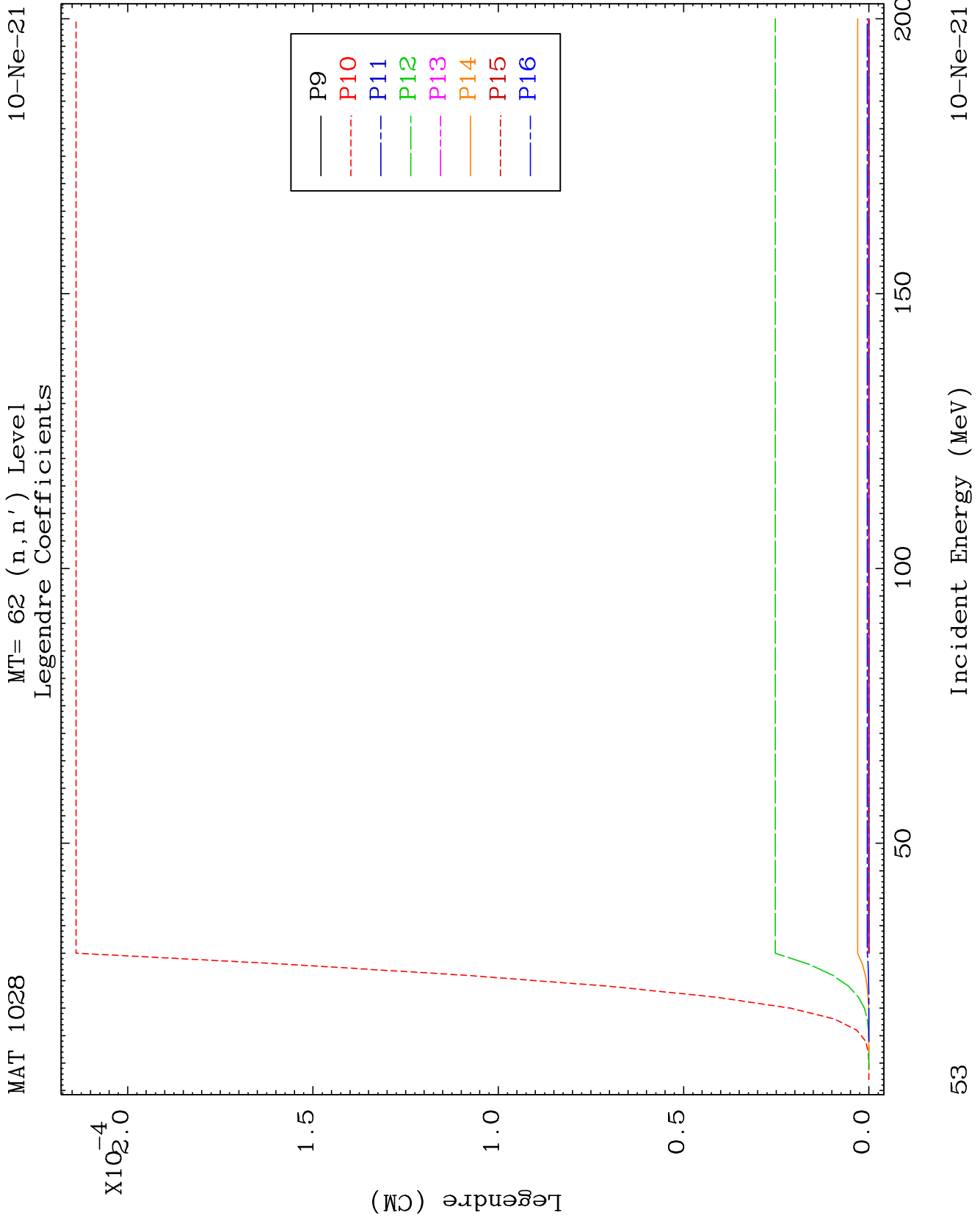
$\times 10^{-4}$

Legendre (CM)





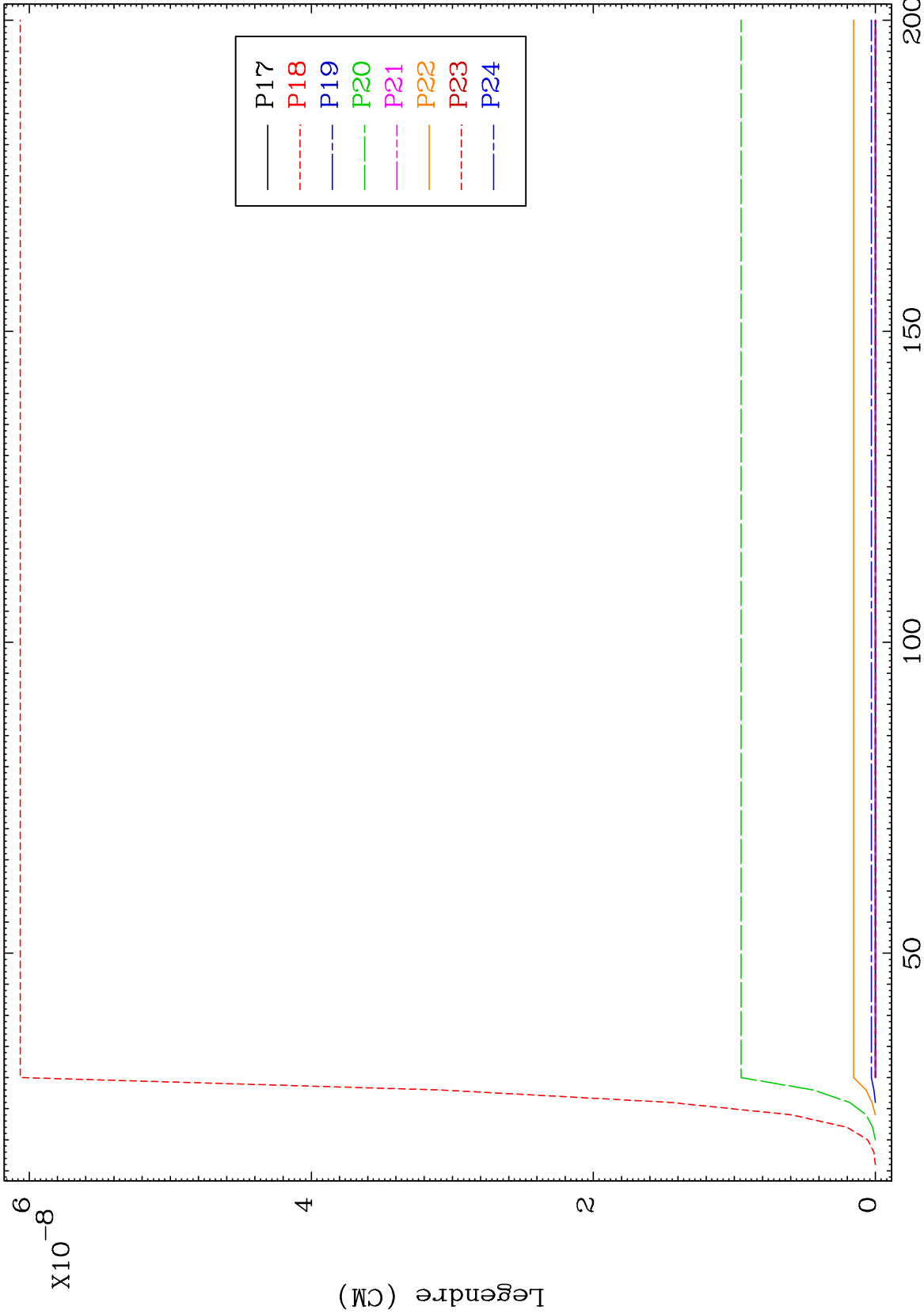




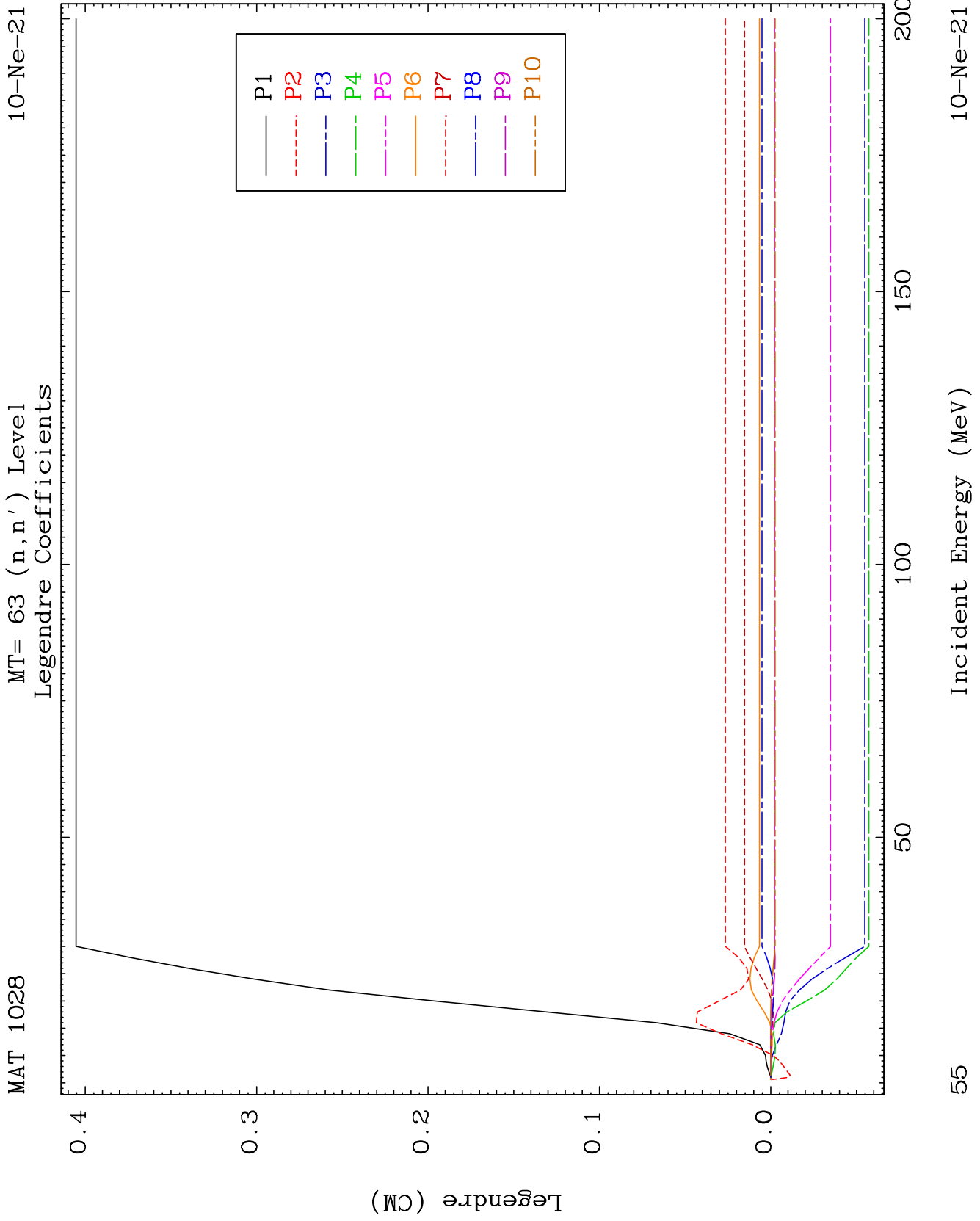
MAT 1028 MT= 62 (n,n') Level Legendre Coefficients

10-Ne-21

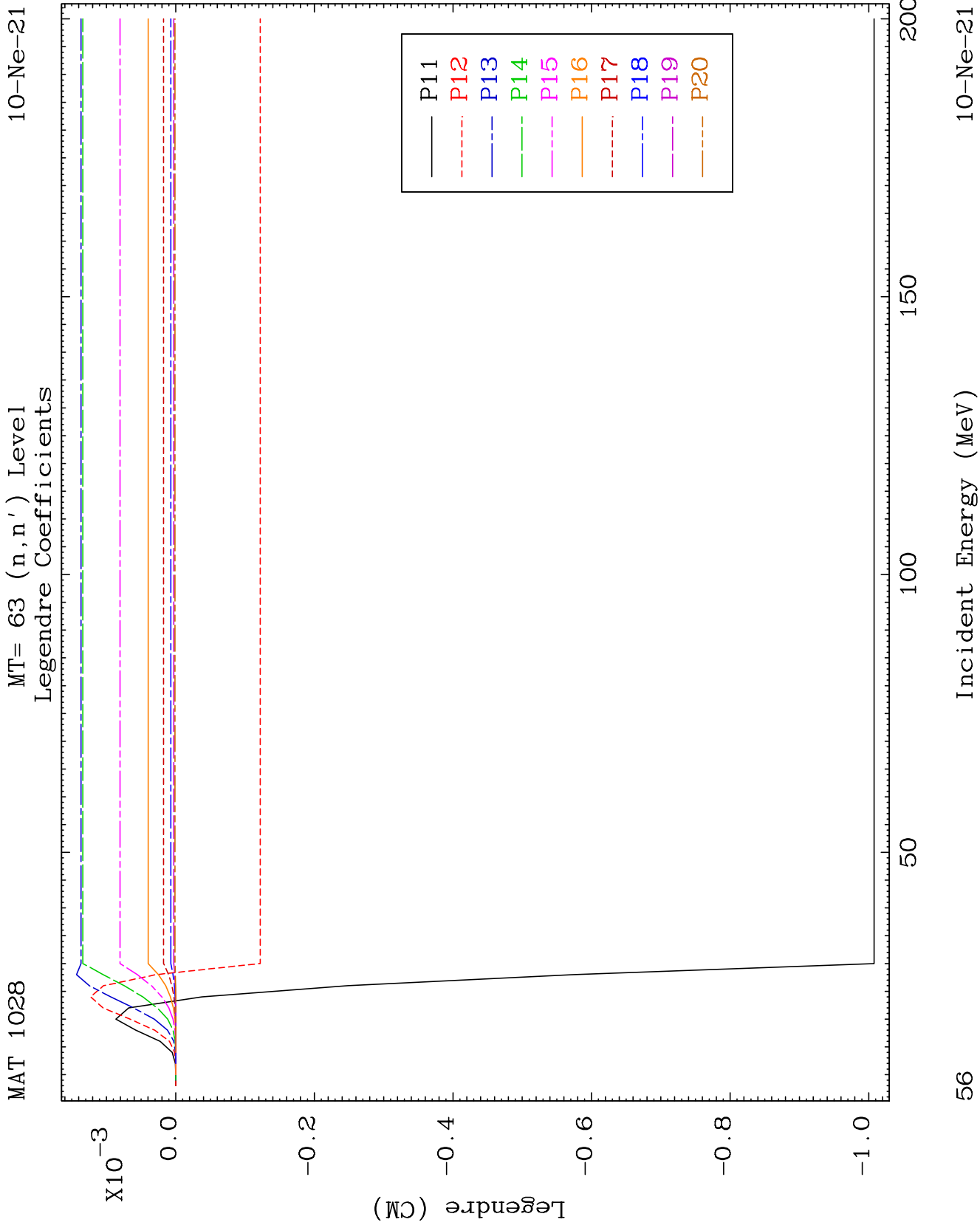
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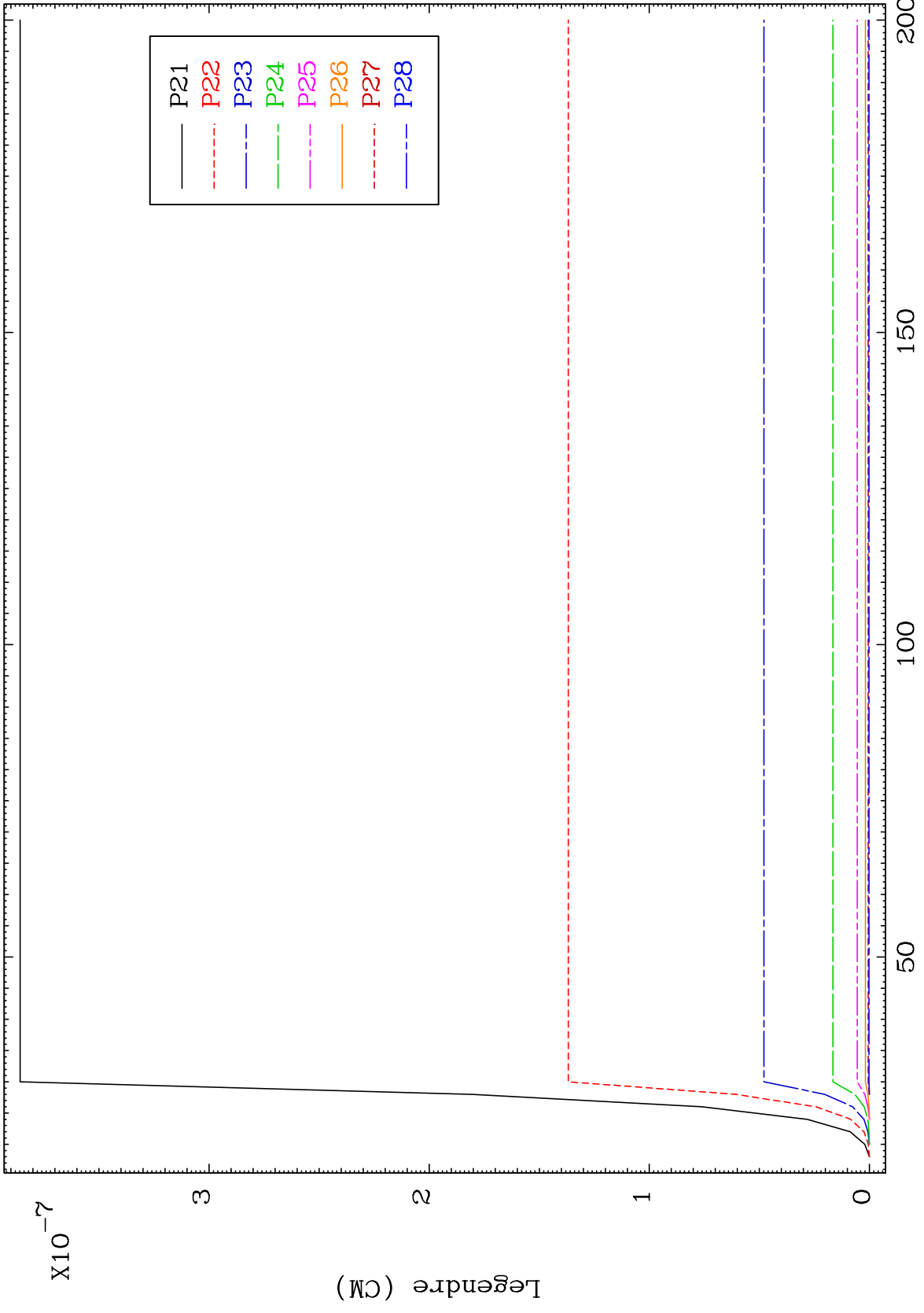
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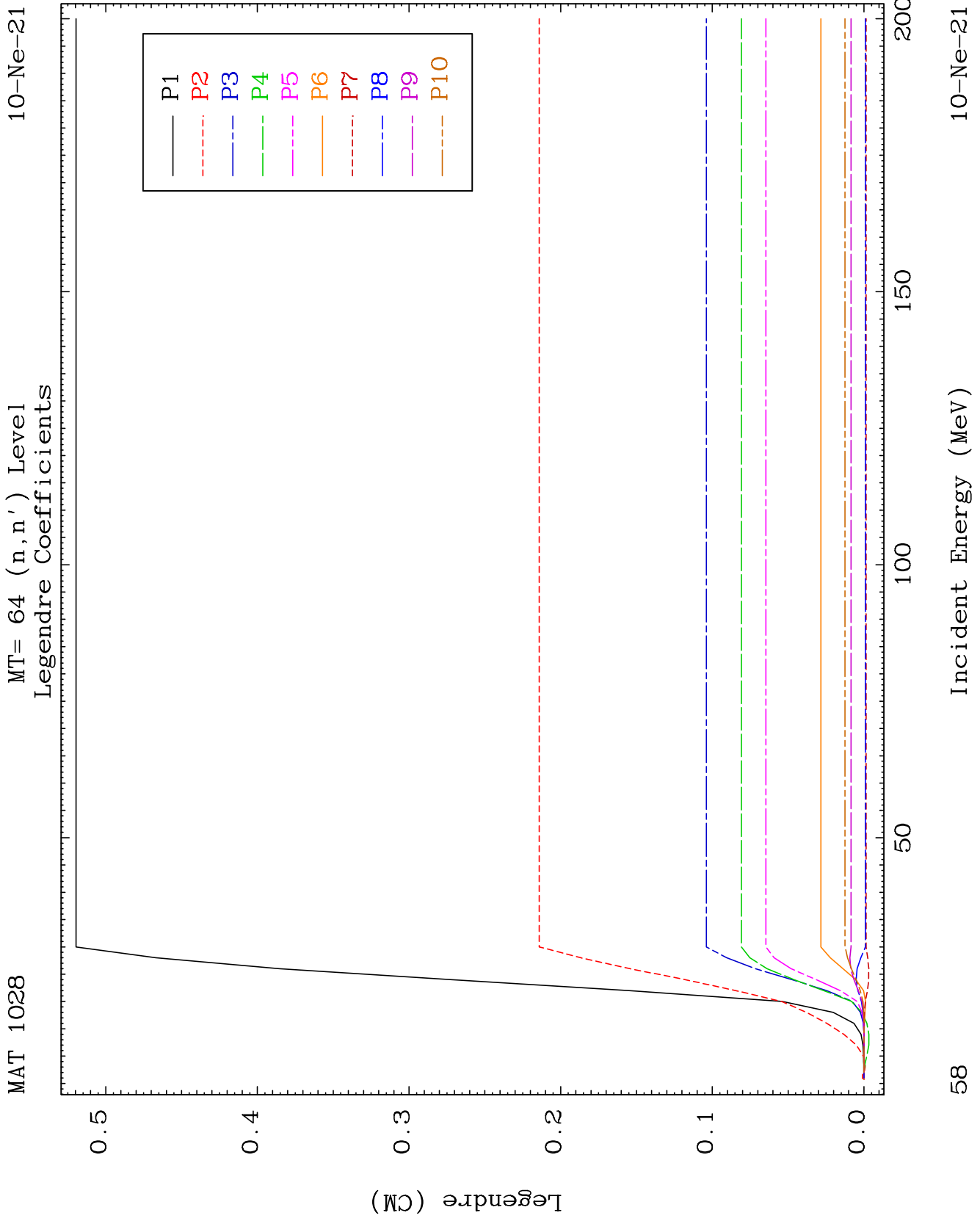




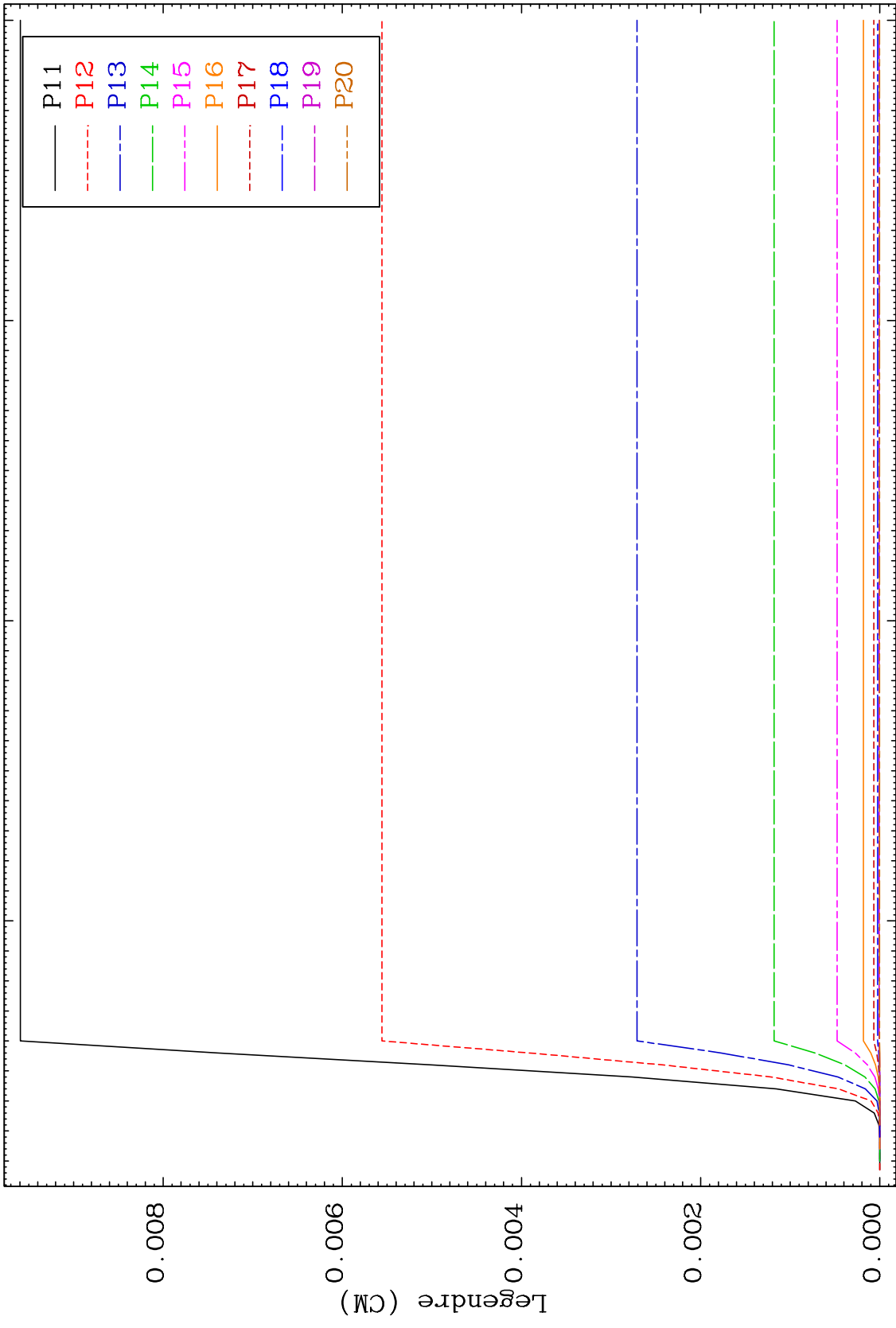
MAT 1028 MT= 63 (n,n') Level Legendre Coefficients 10-Ne-21

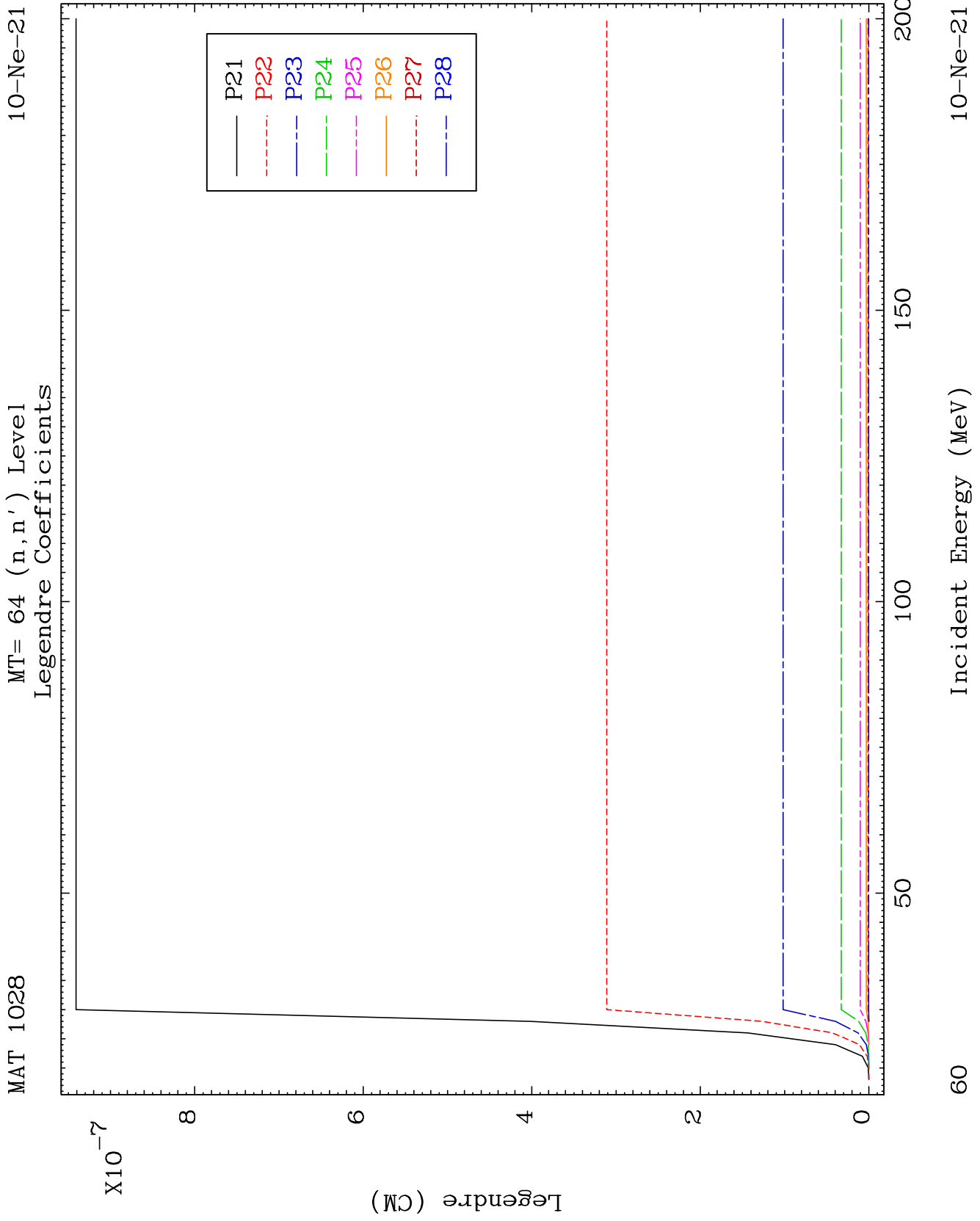


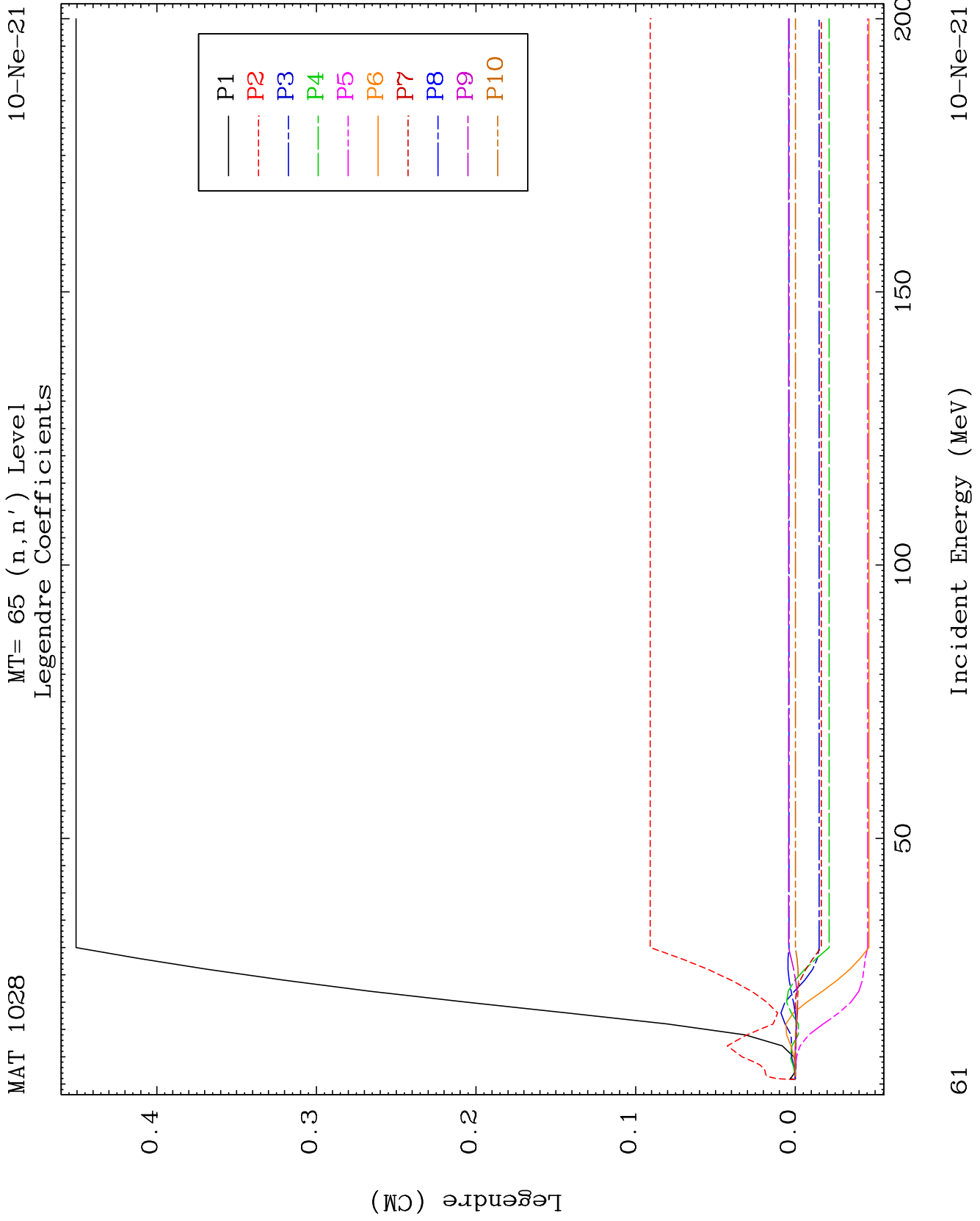
57 Incident Energy (MeV) 10-Ne-21



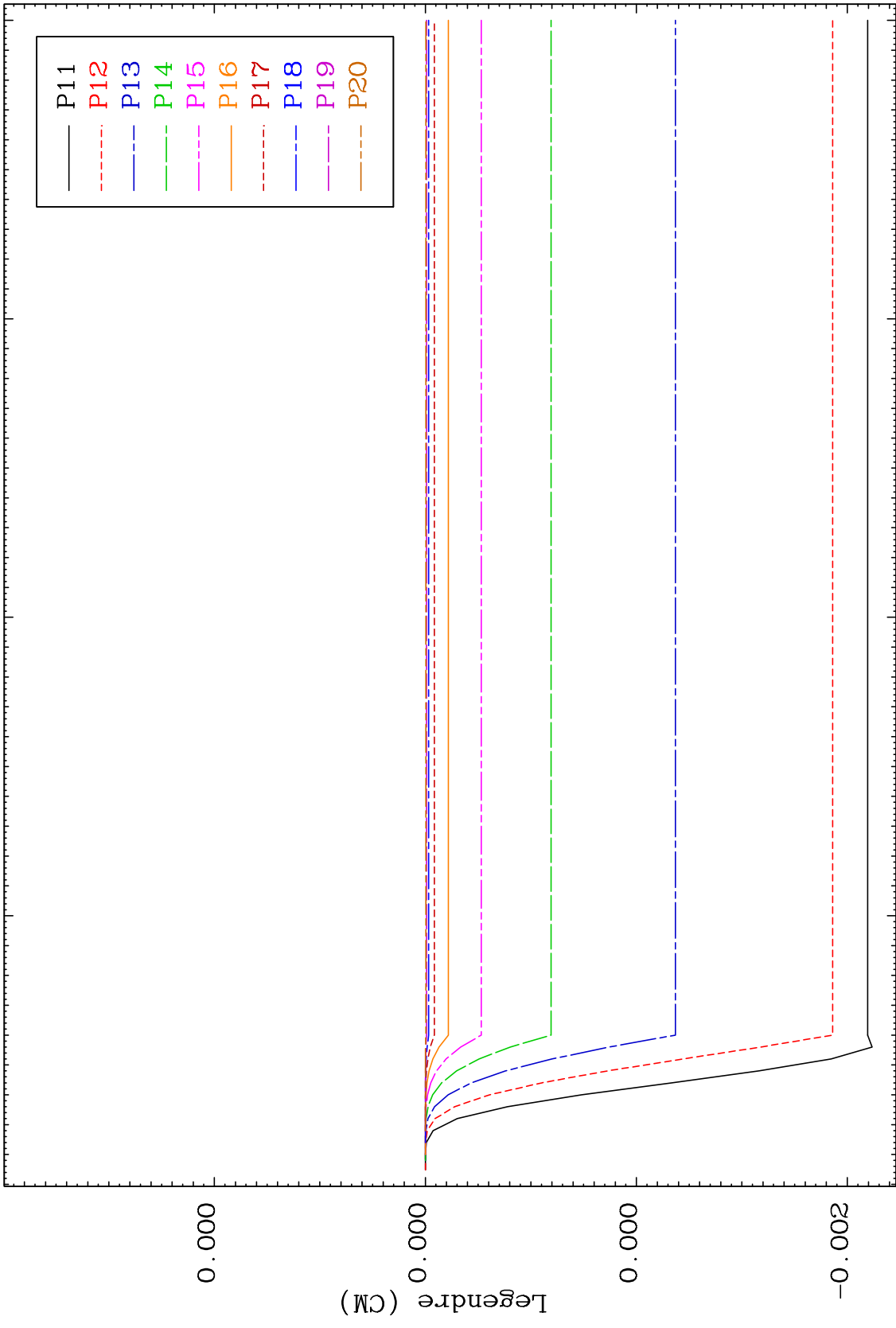
MAT 1028 MT= 64 (n,n') Level Legendre Coefficients 10-Ne-21



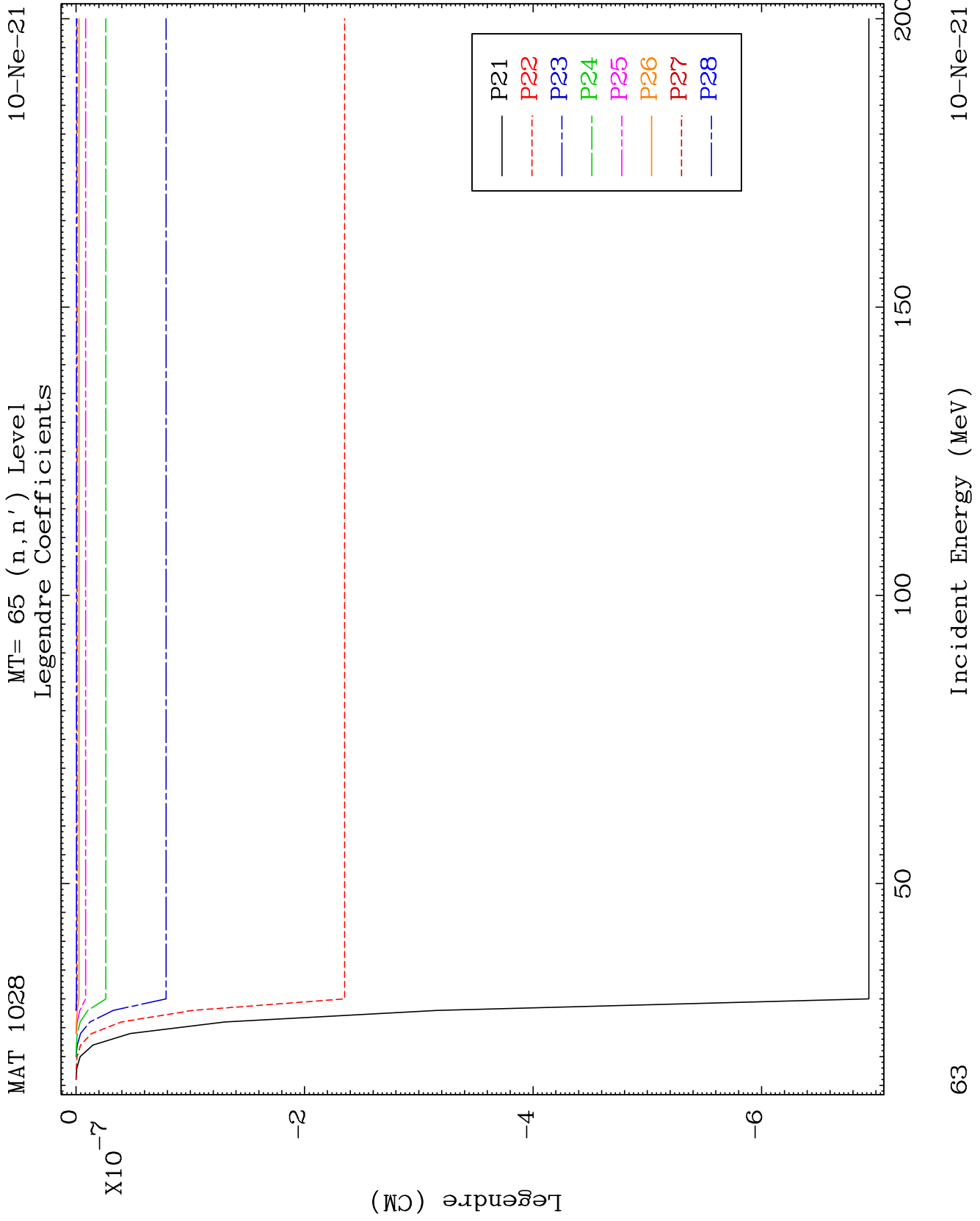




MAT 1028 MT= 65 (n,n') Level Legendre Coefficients 10-Ne-21



62 Incident Energy (MeV) 10-Ne-21



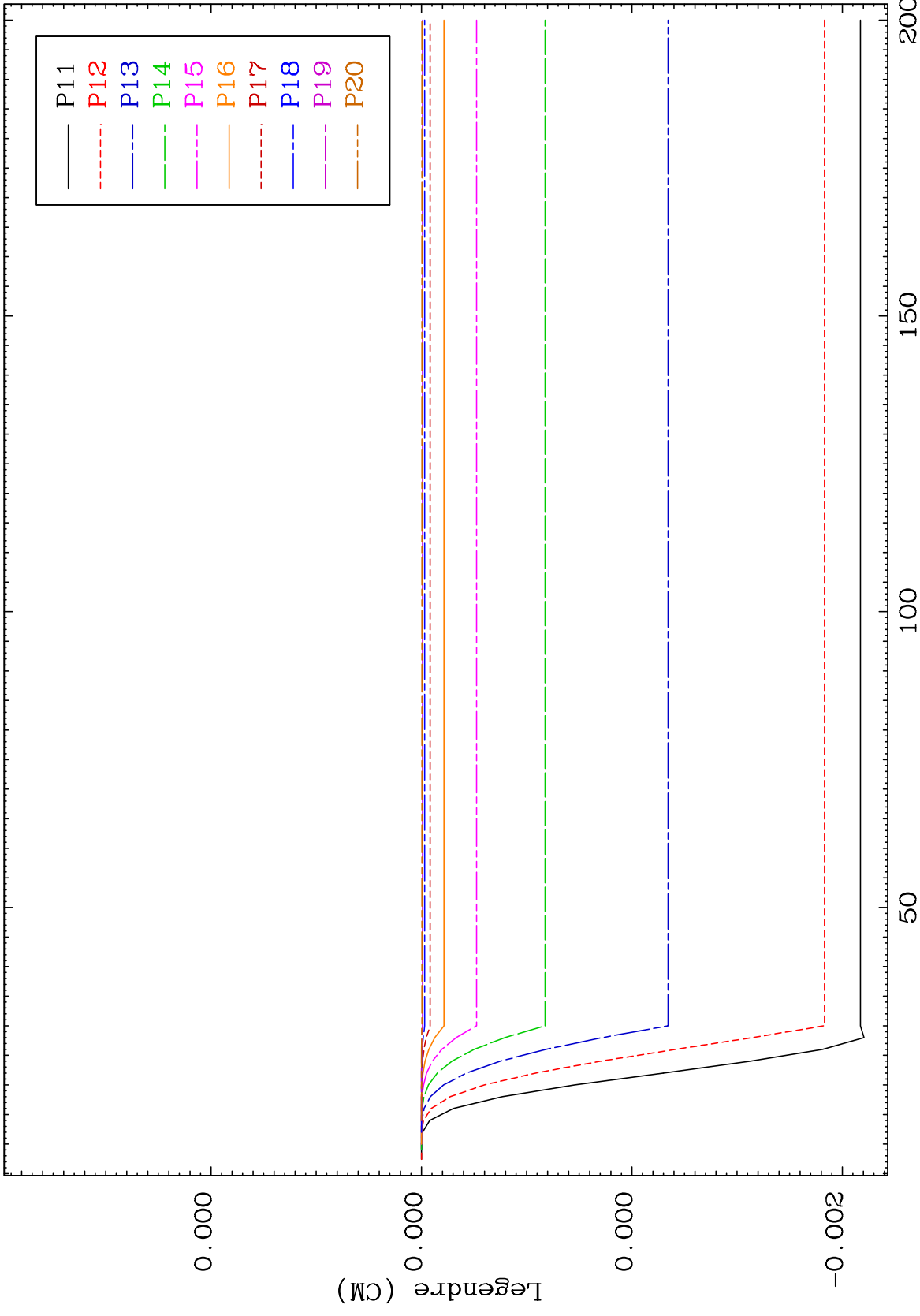




MAT 1028

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

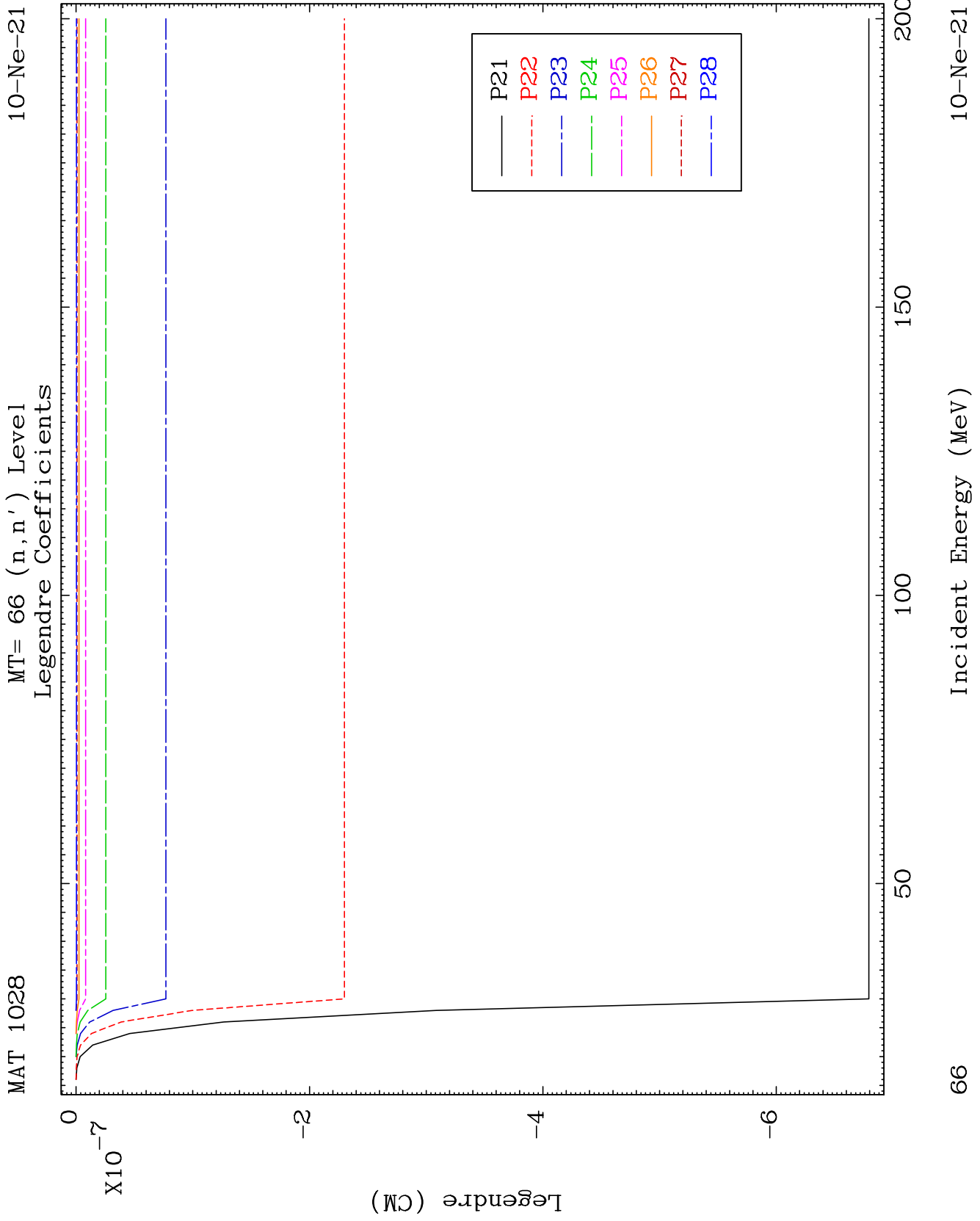
10-Ne-21

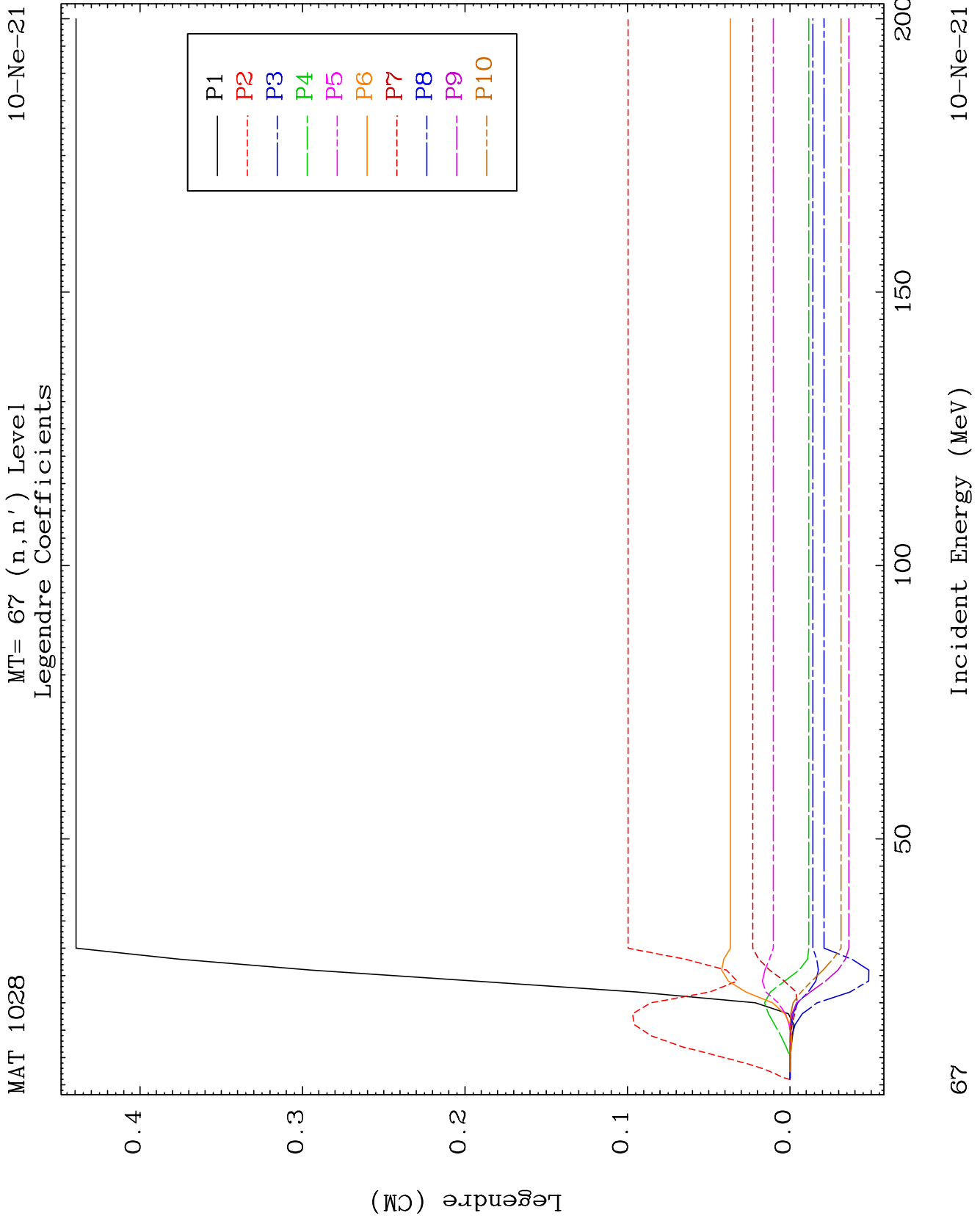


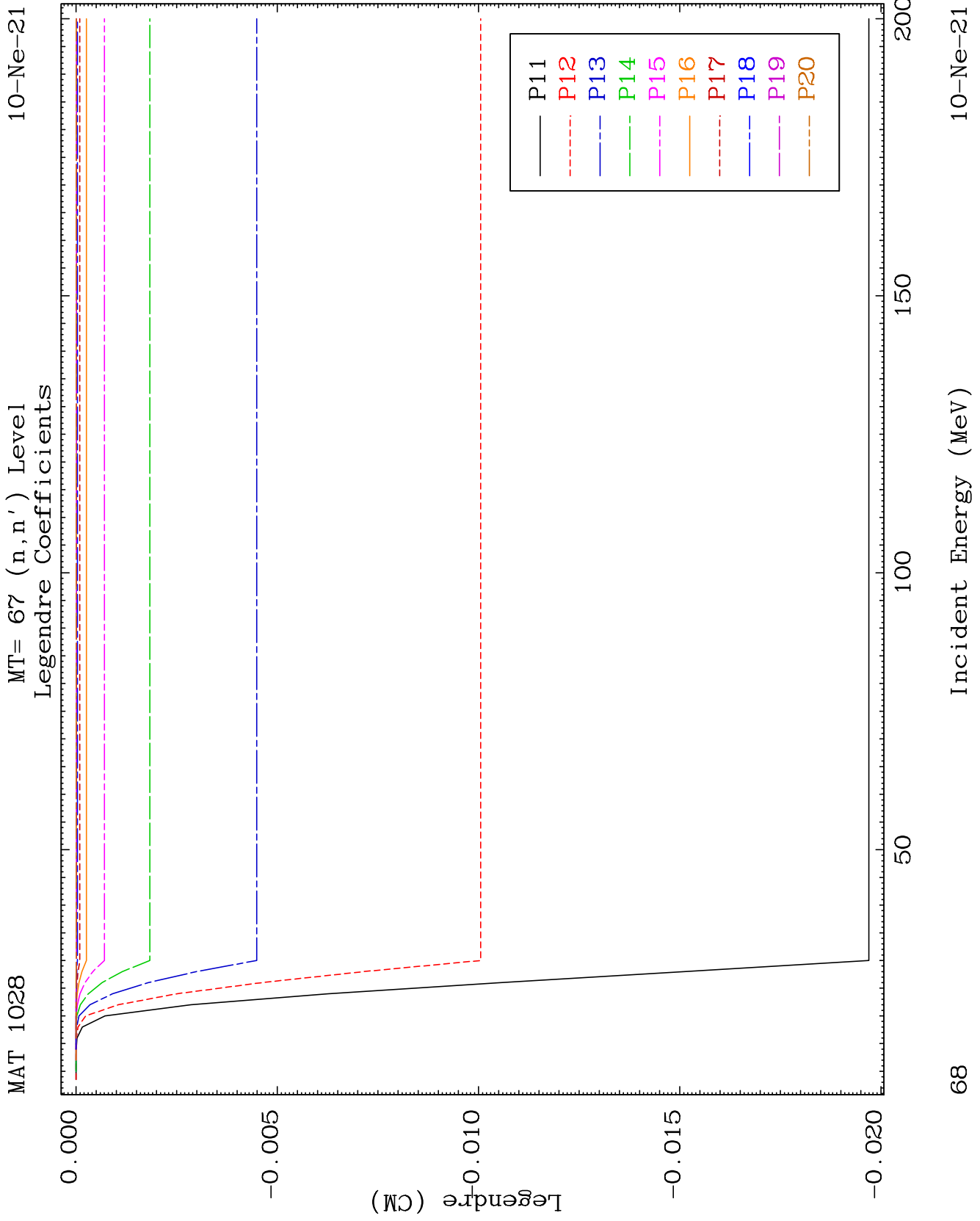
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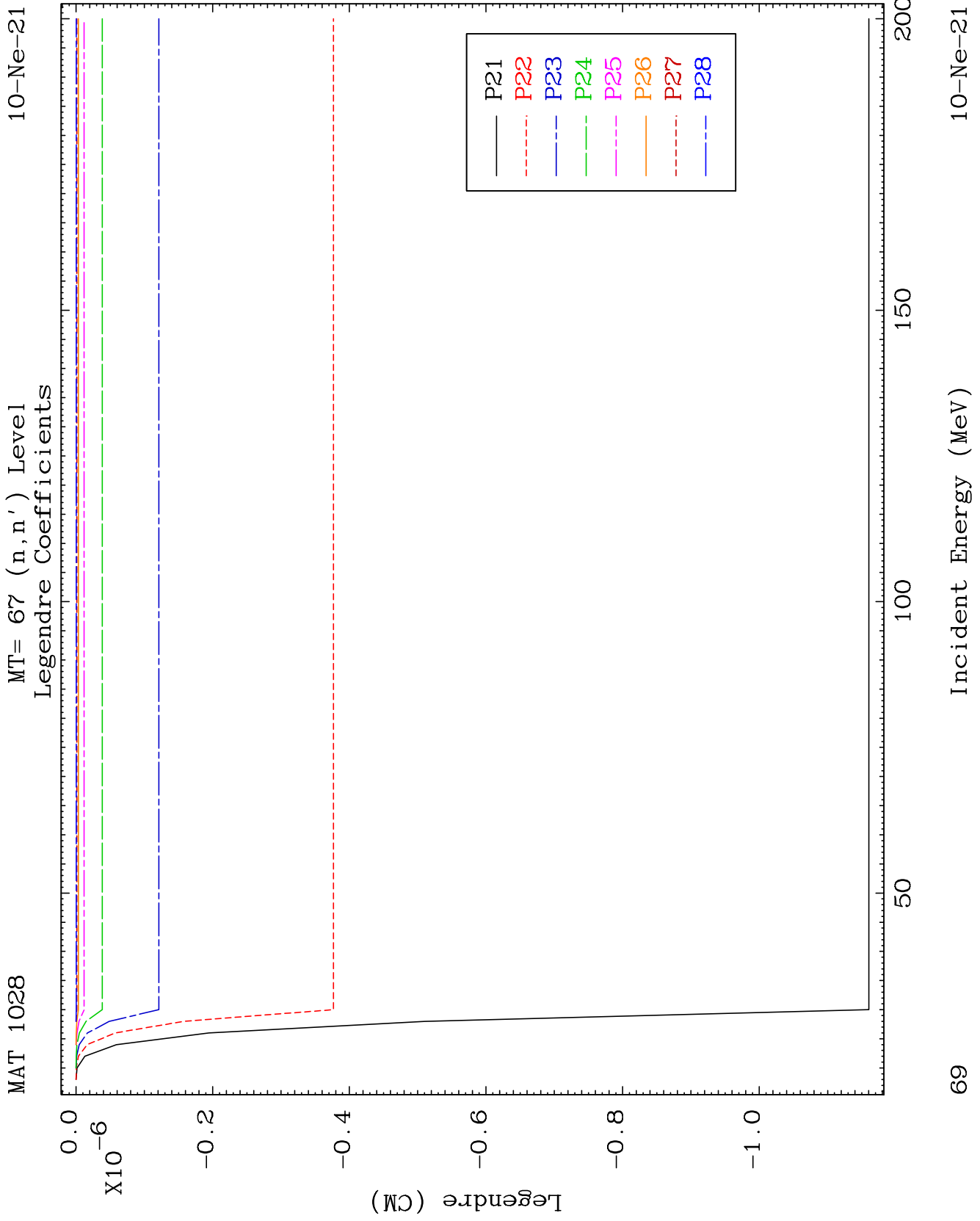
Incident Energy (MeV)

10-Ne-21







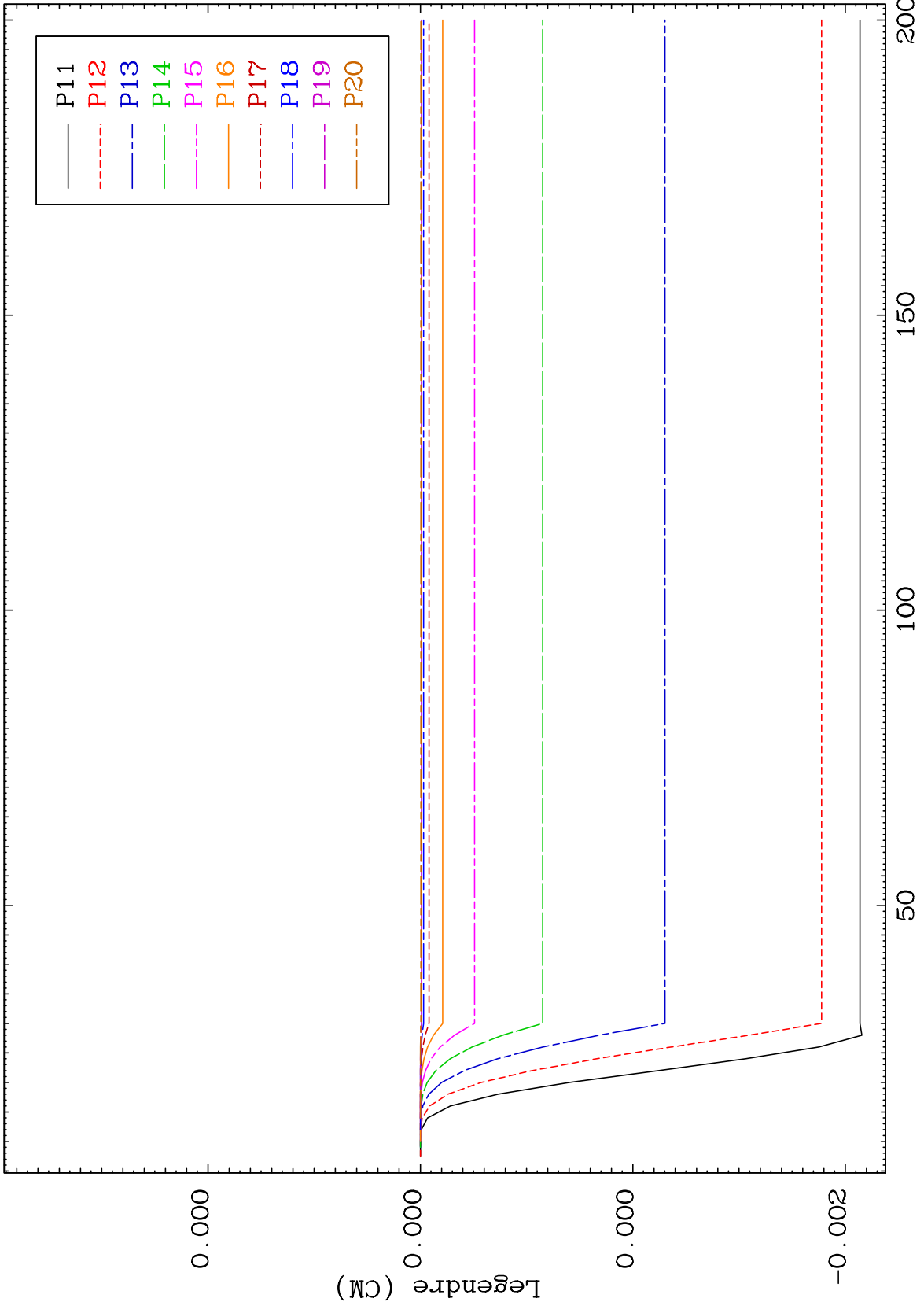




MAT 1028

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

10-Ne-21

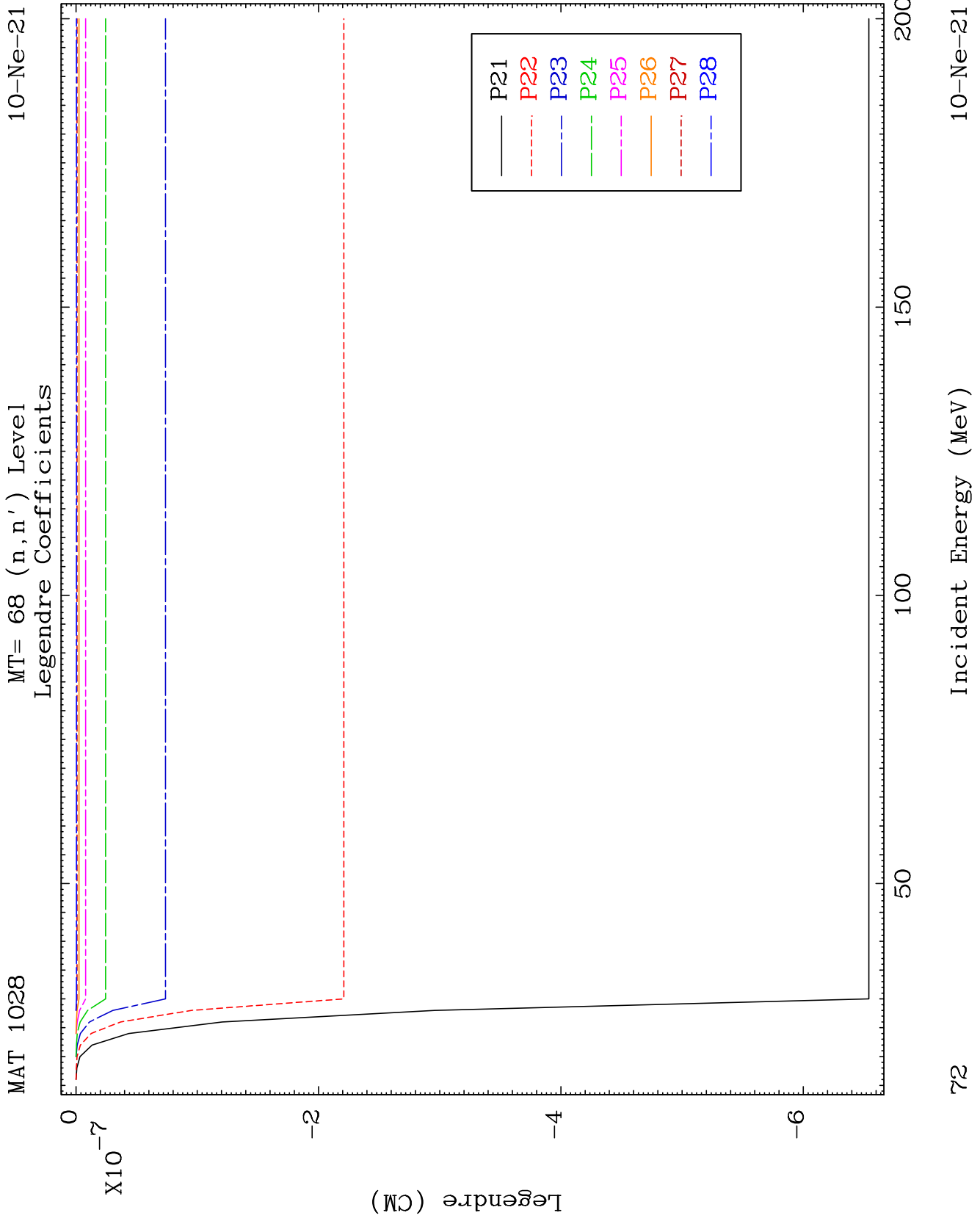


71

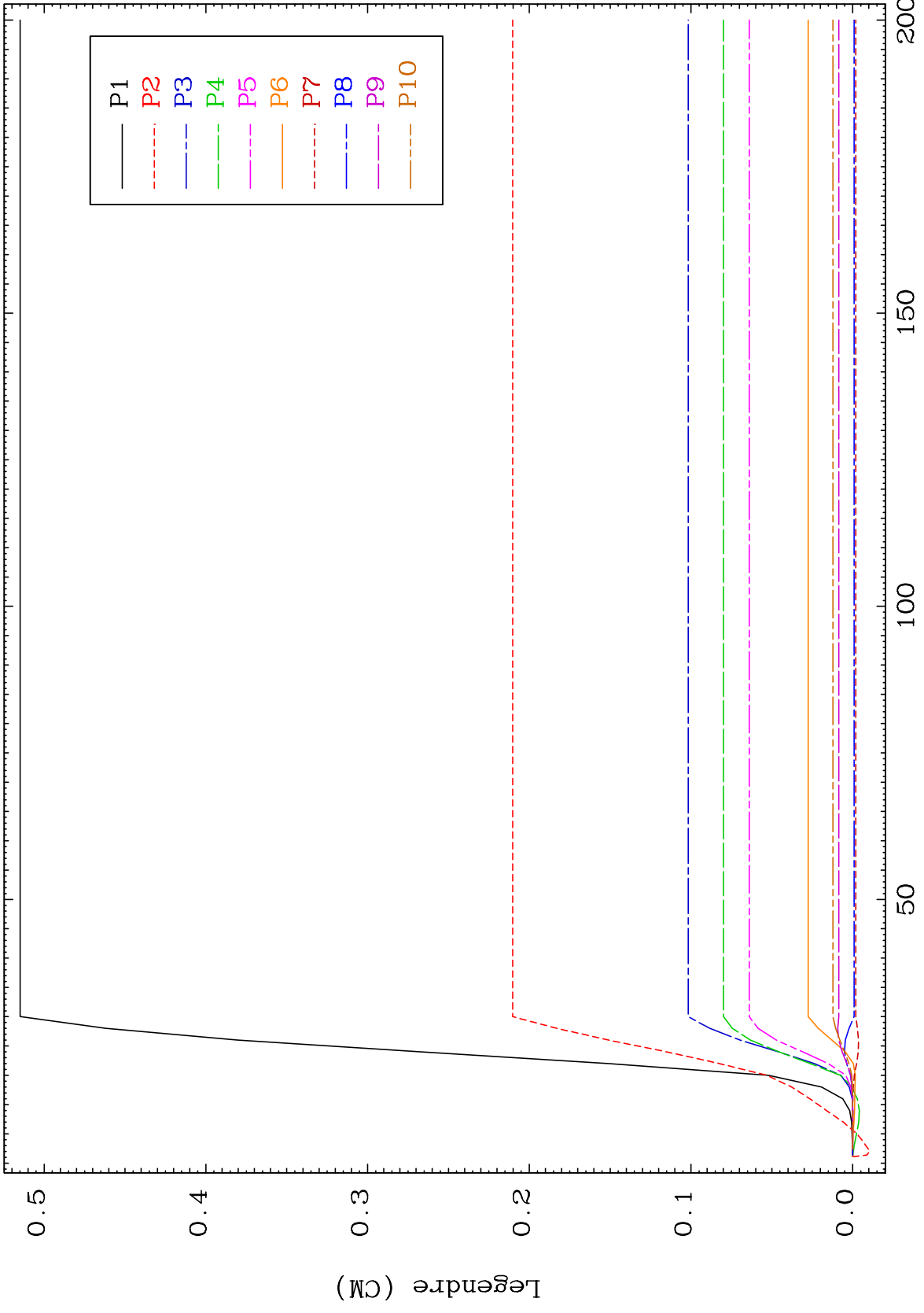
Incident Energy (MeV)

10-Ne-21



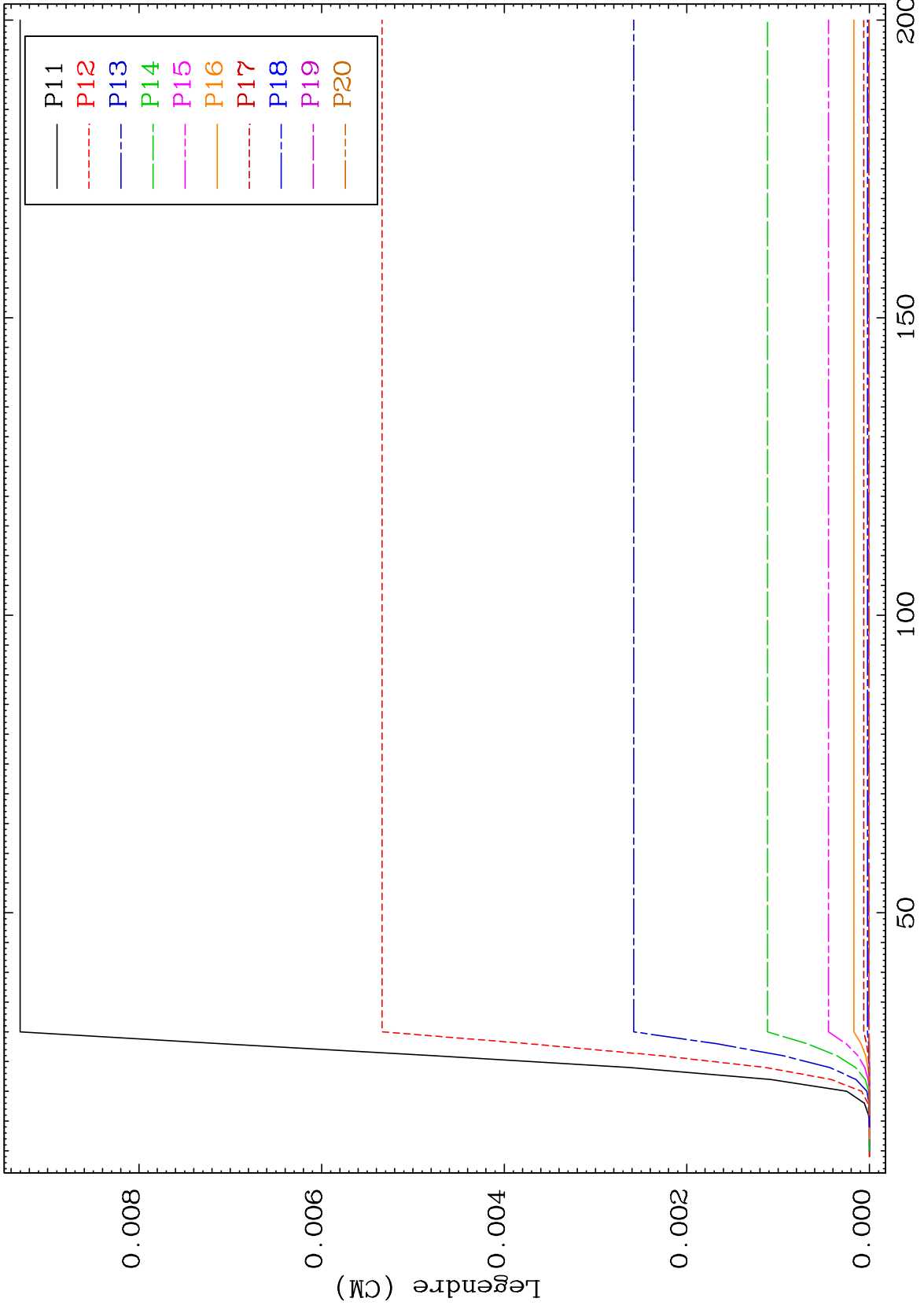


MAT 1028 MT= 69 (n,n') Level Legendre Coefficients 10-Ne-21

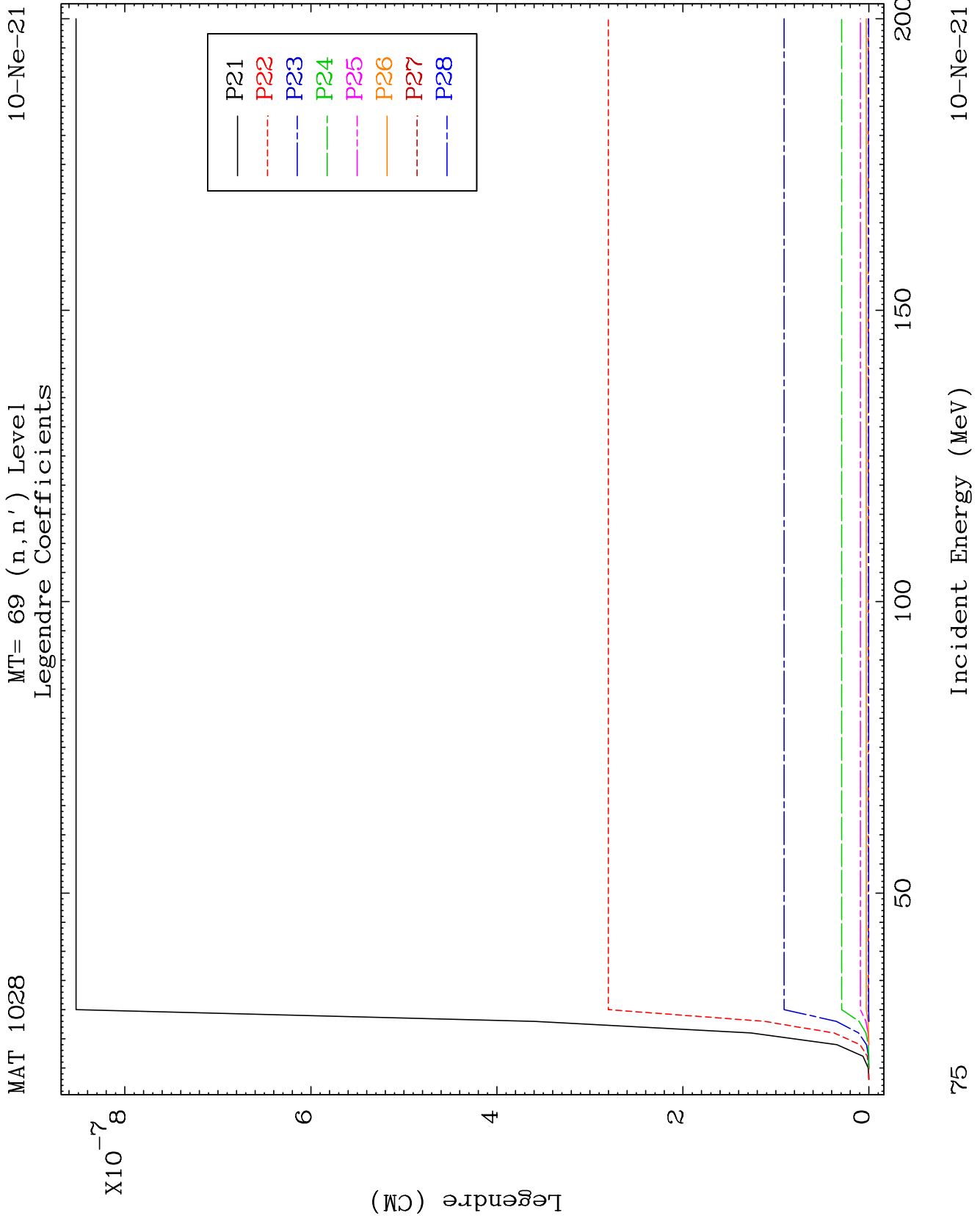


73 Incident Energy (MeV) 10-Ne-21

MAT 1028 MT= 69 (n,n') Level Legendre Coefficients 10-Ne-21



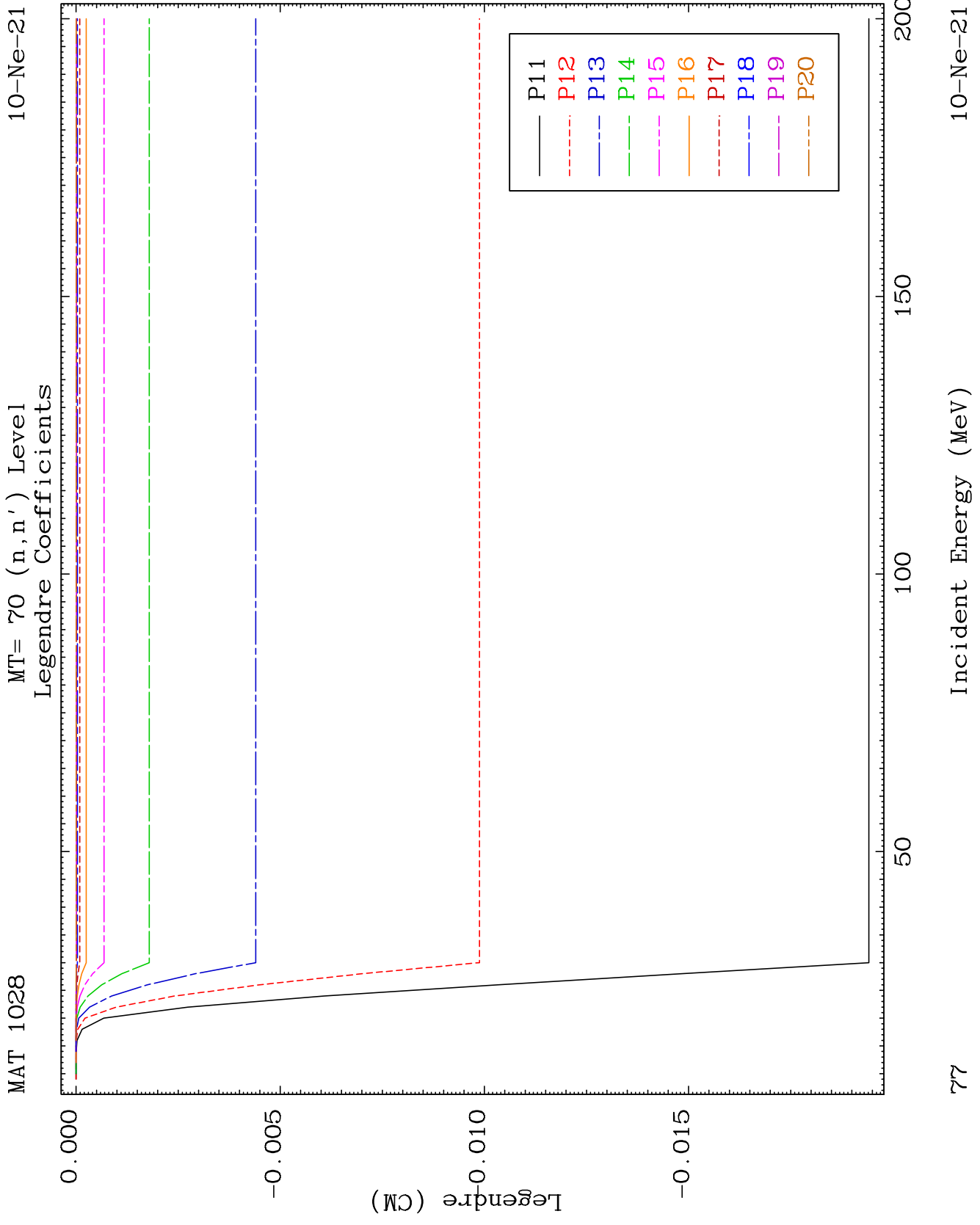
74 10-Ne-21

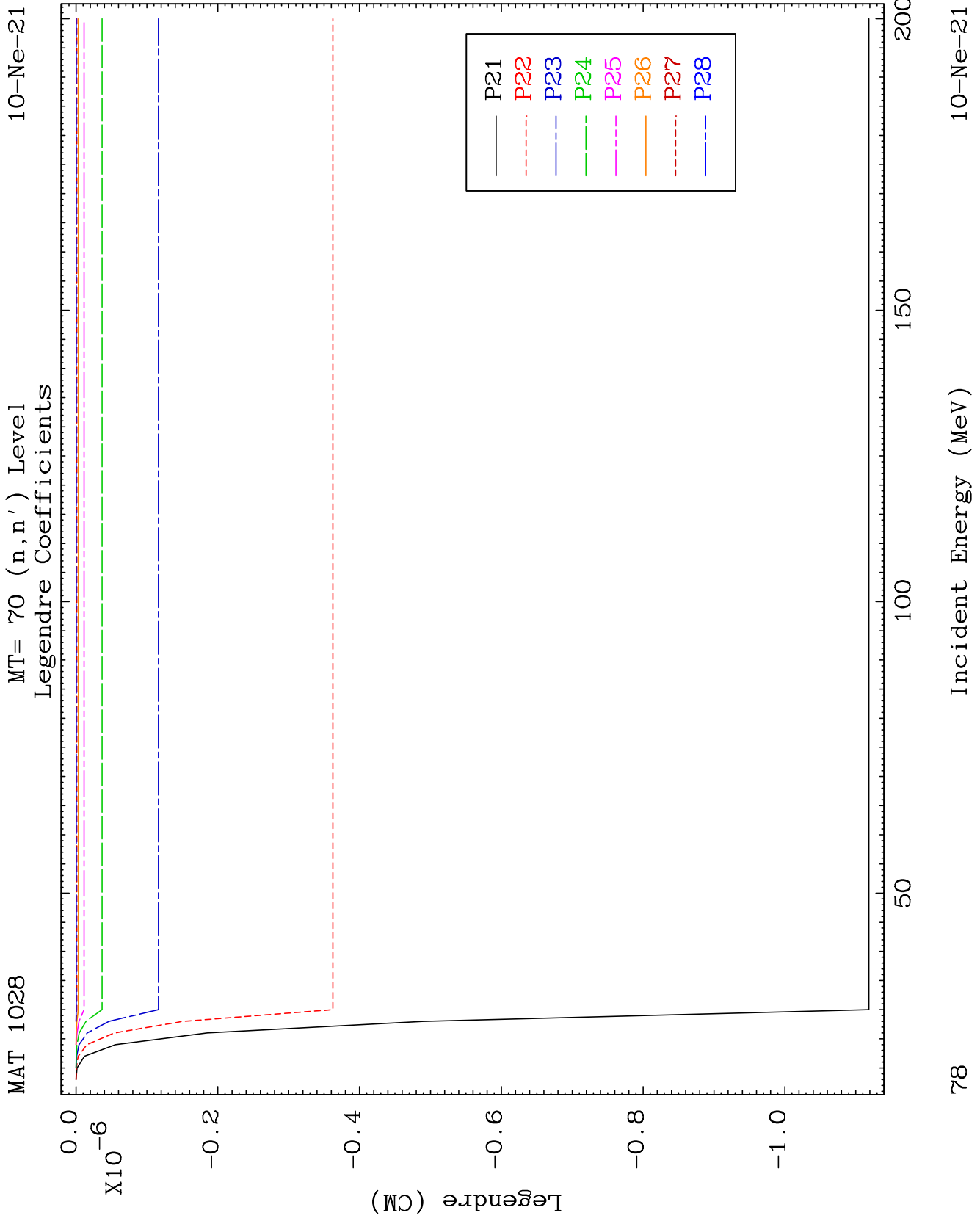


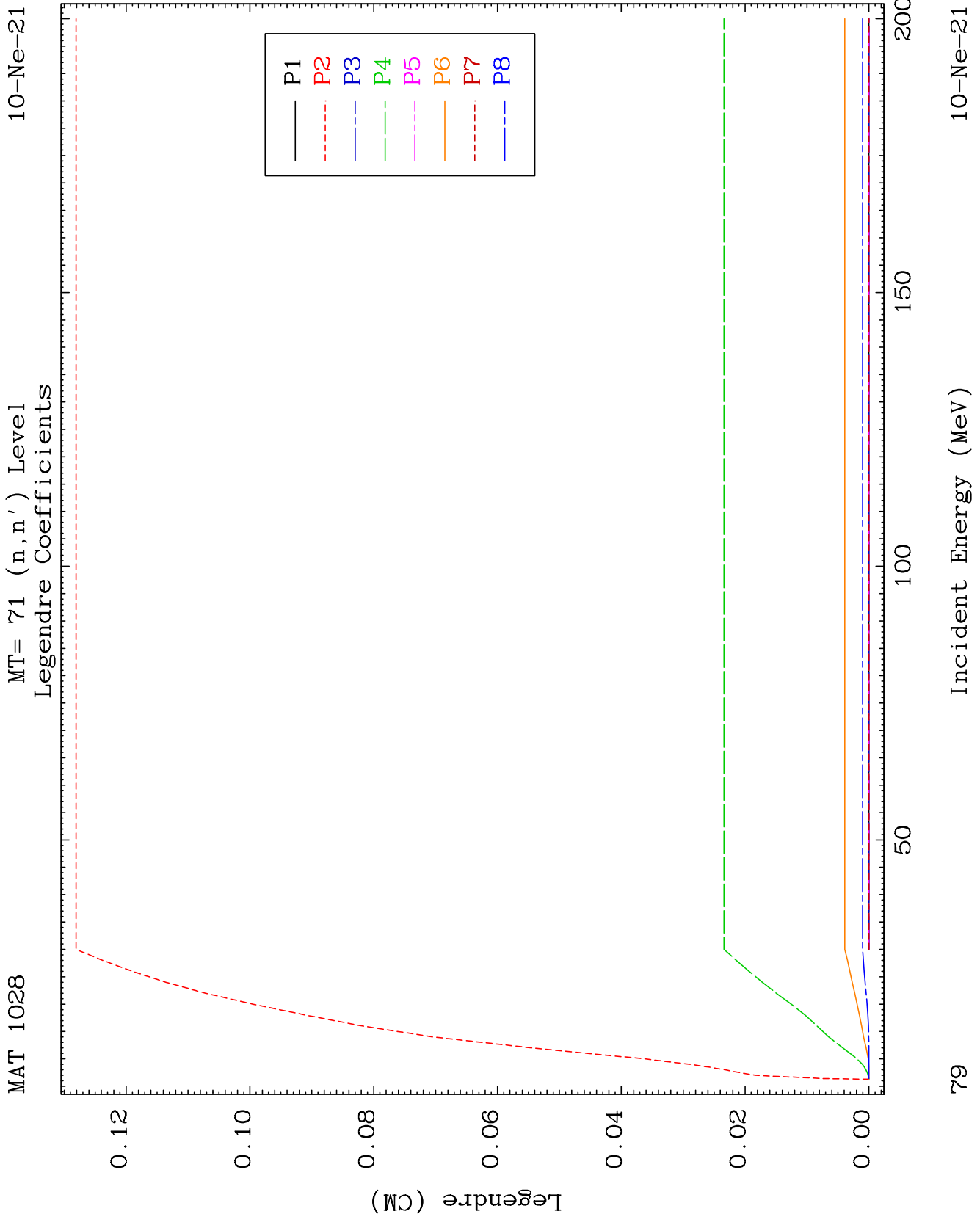
MAT 1028 MT= 70 (n,n') Level Legendre Coefficients 10-Ne-21



76 Incident Energy (MeV) 10-Ne-21

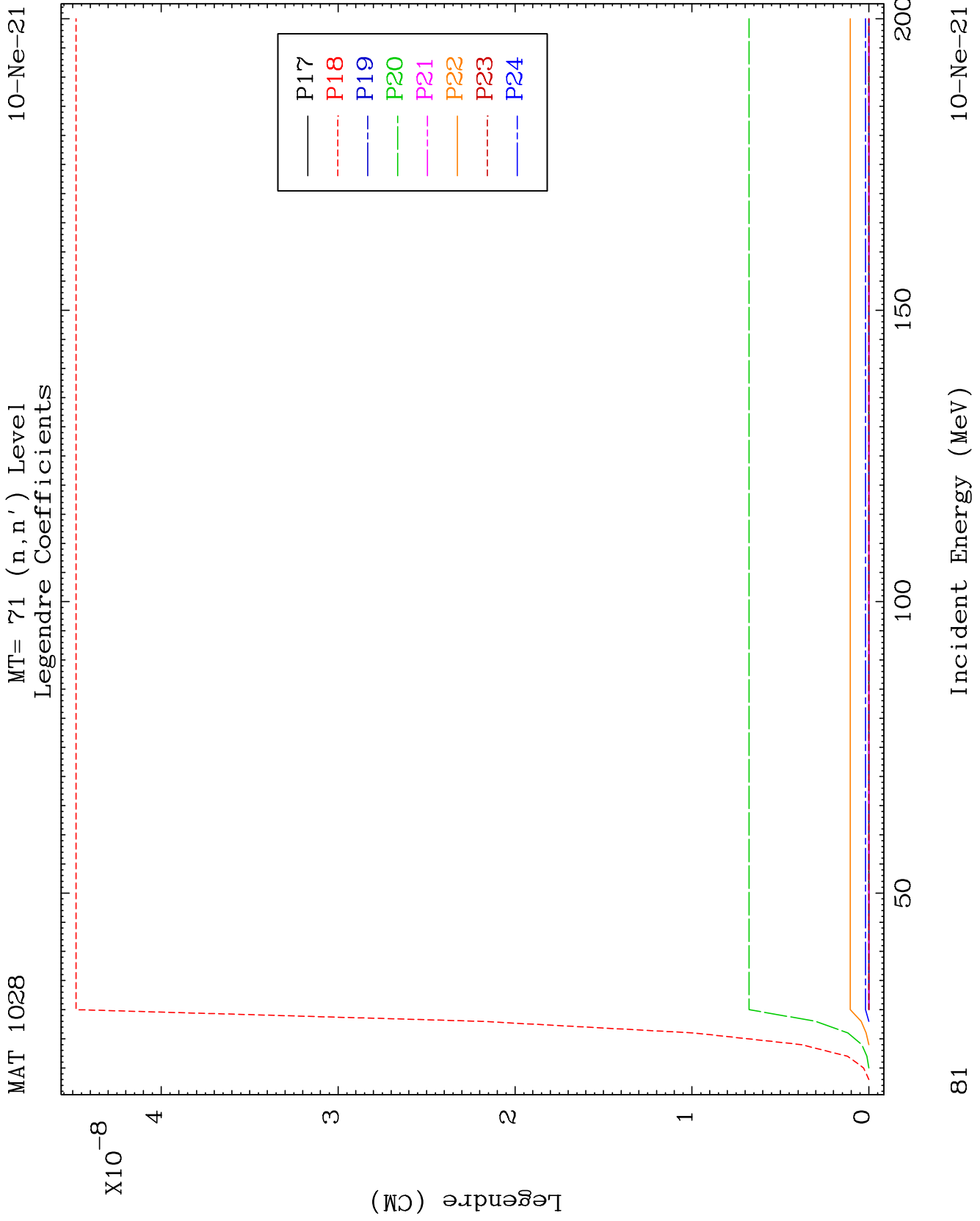


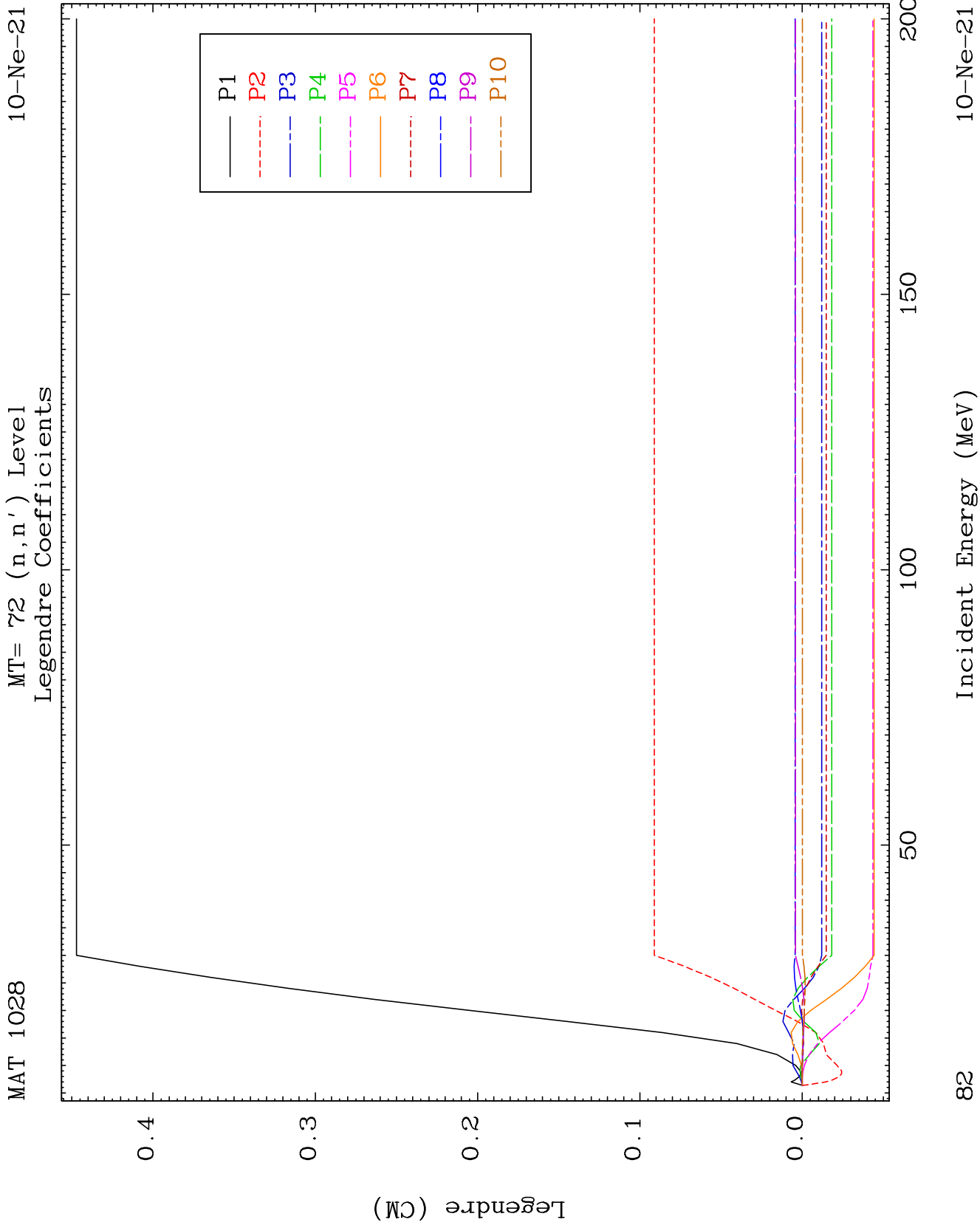








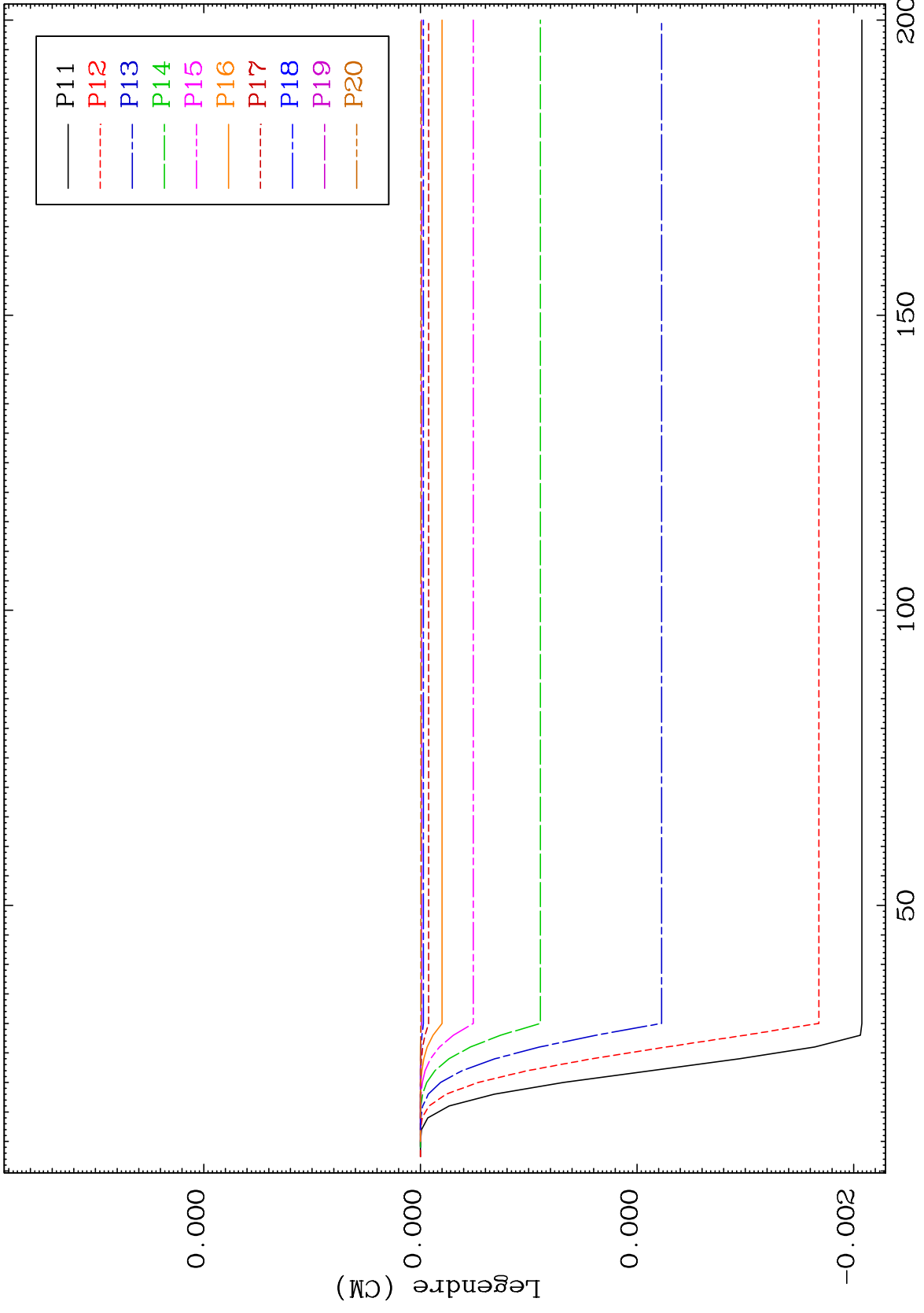




MAT 1028

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

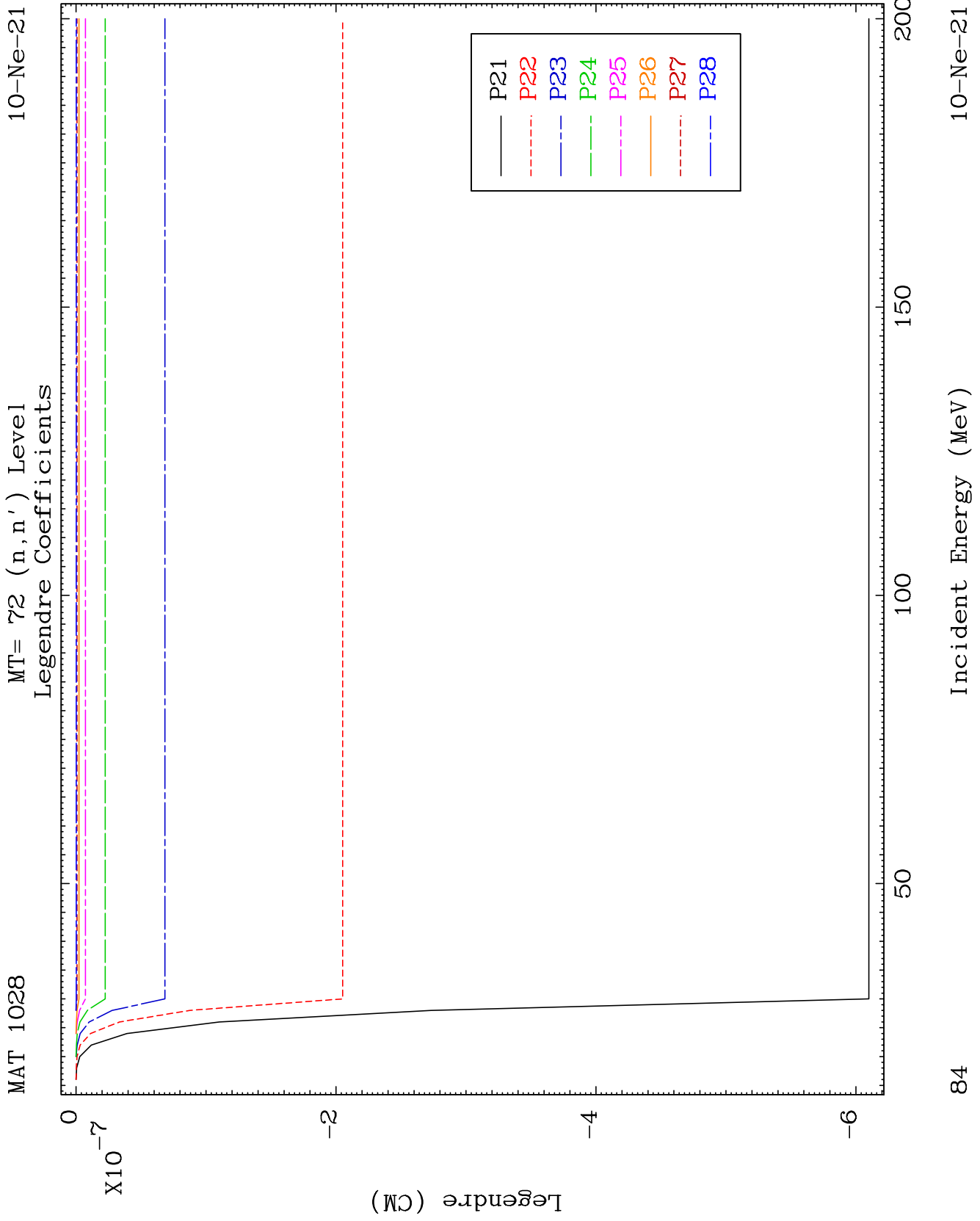
10-Ne-21

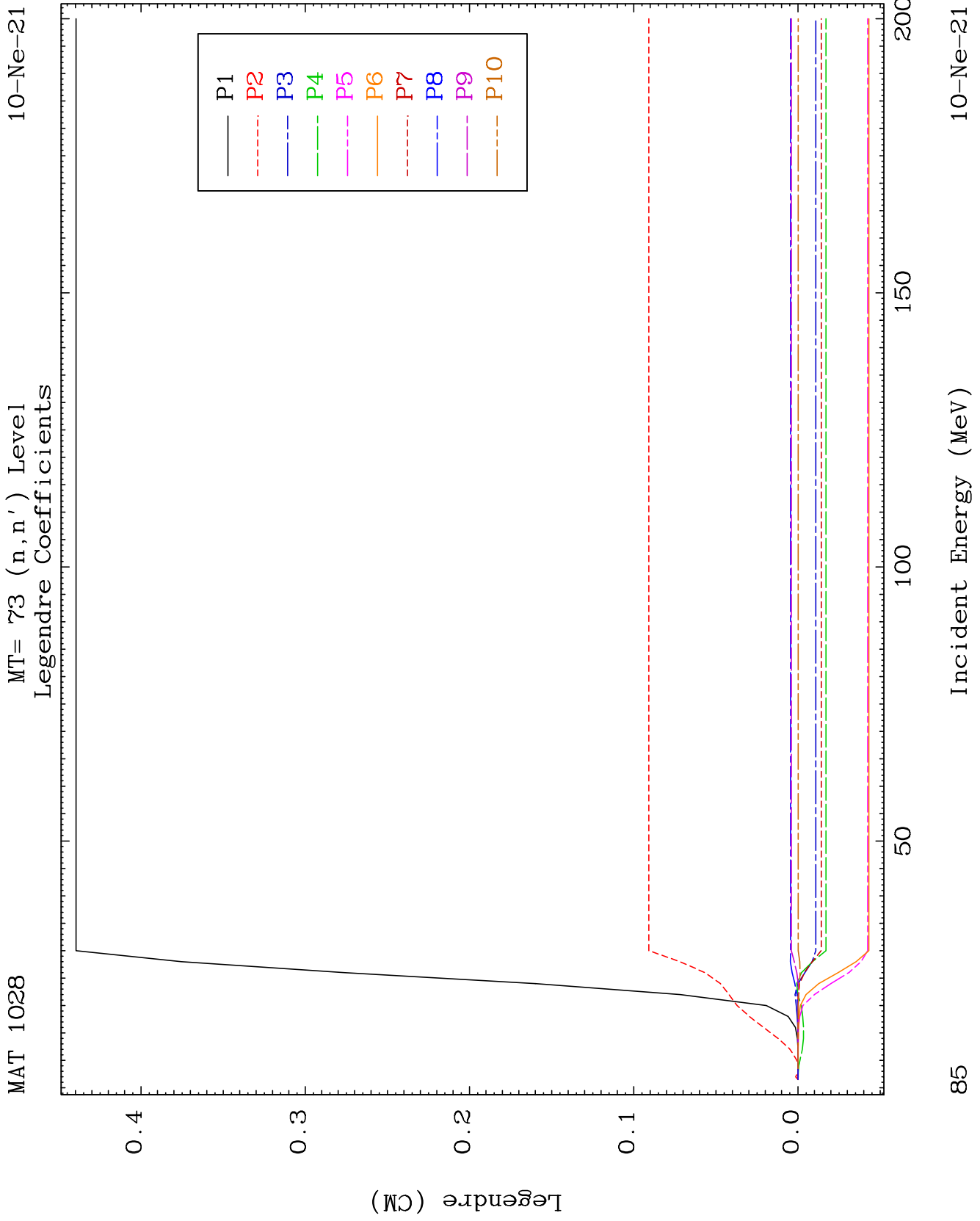


83

Incident Energy (MeV)

10-Ne-21

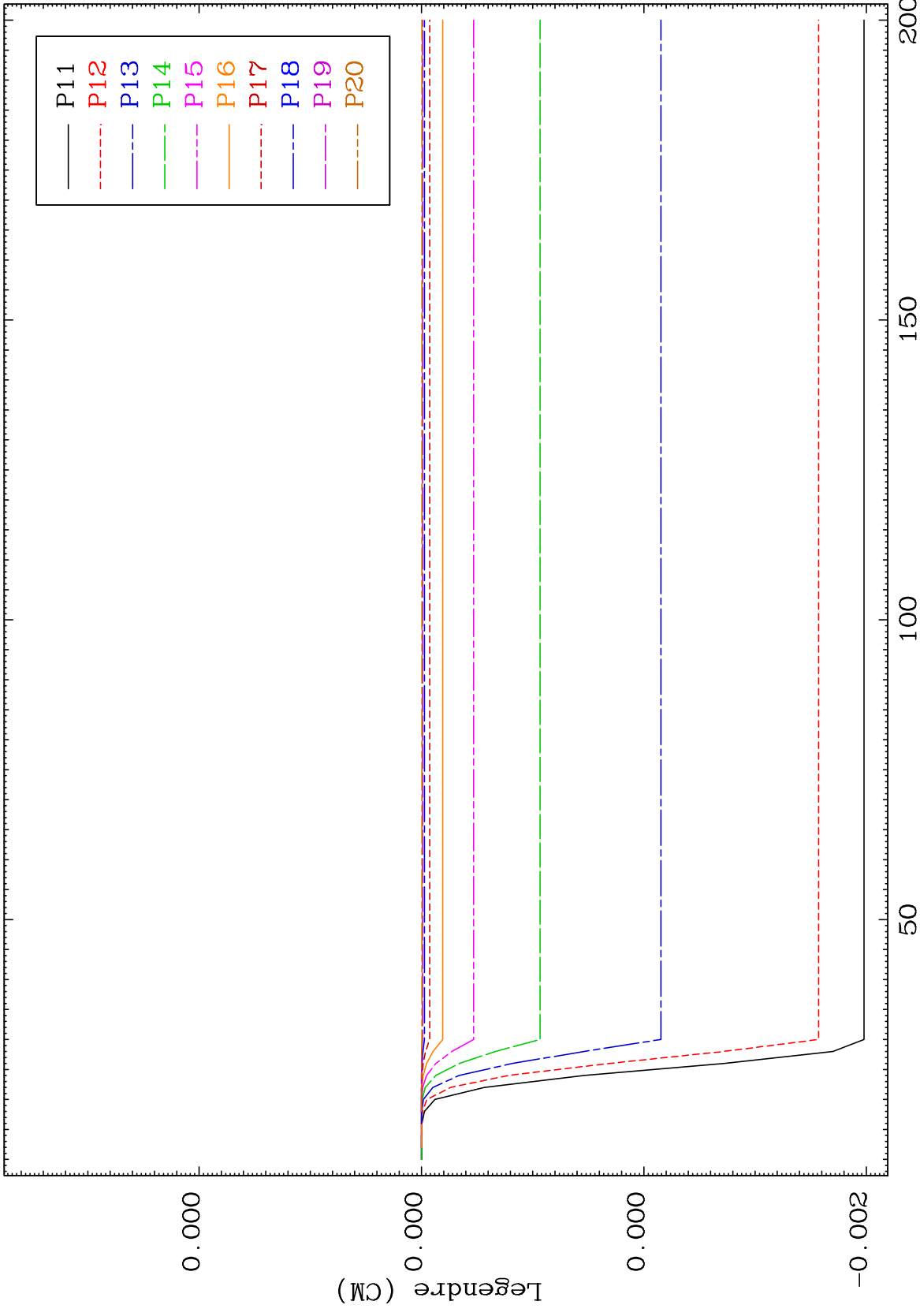




MAT 1028

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

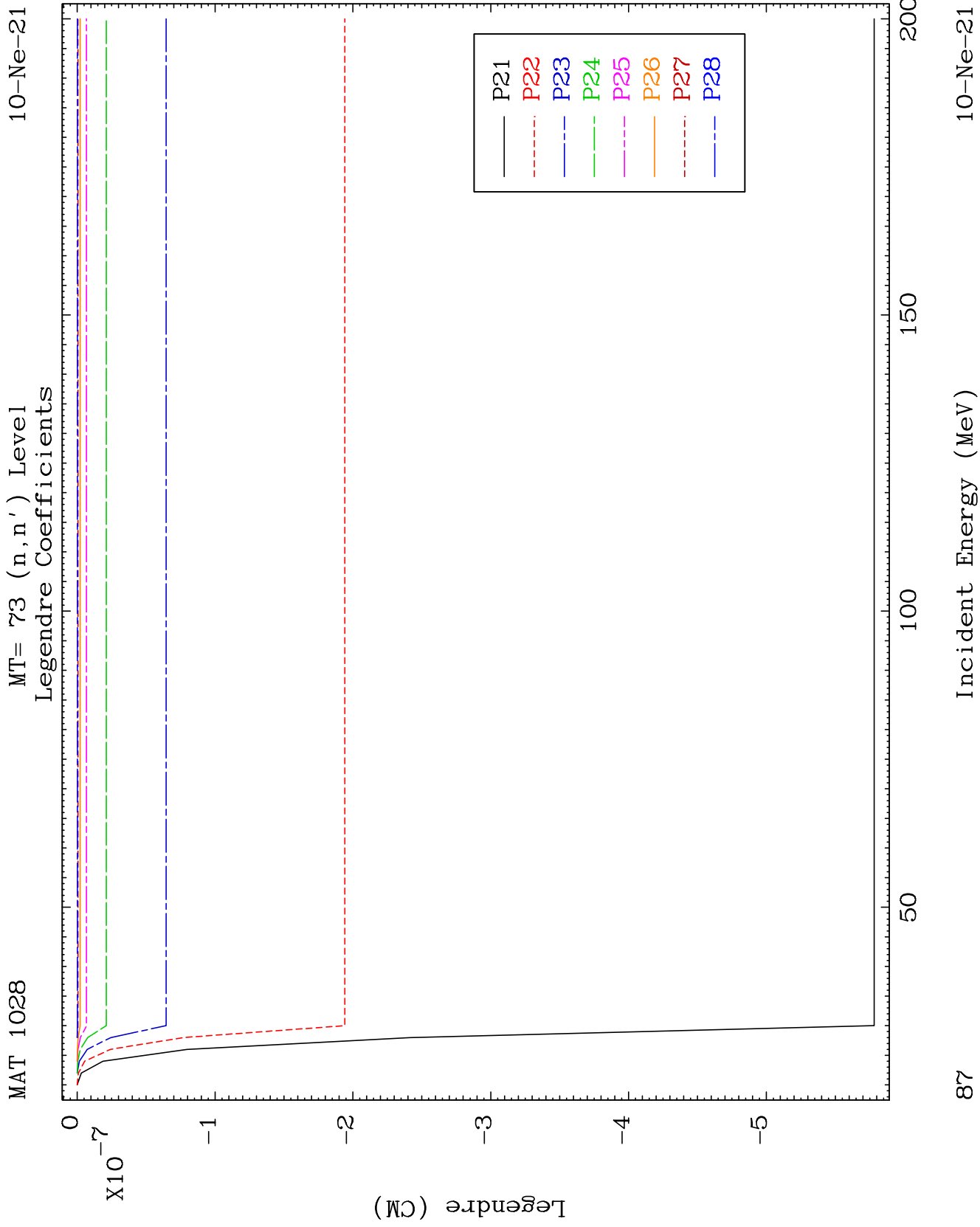
10-Ne-21



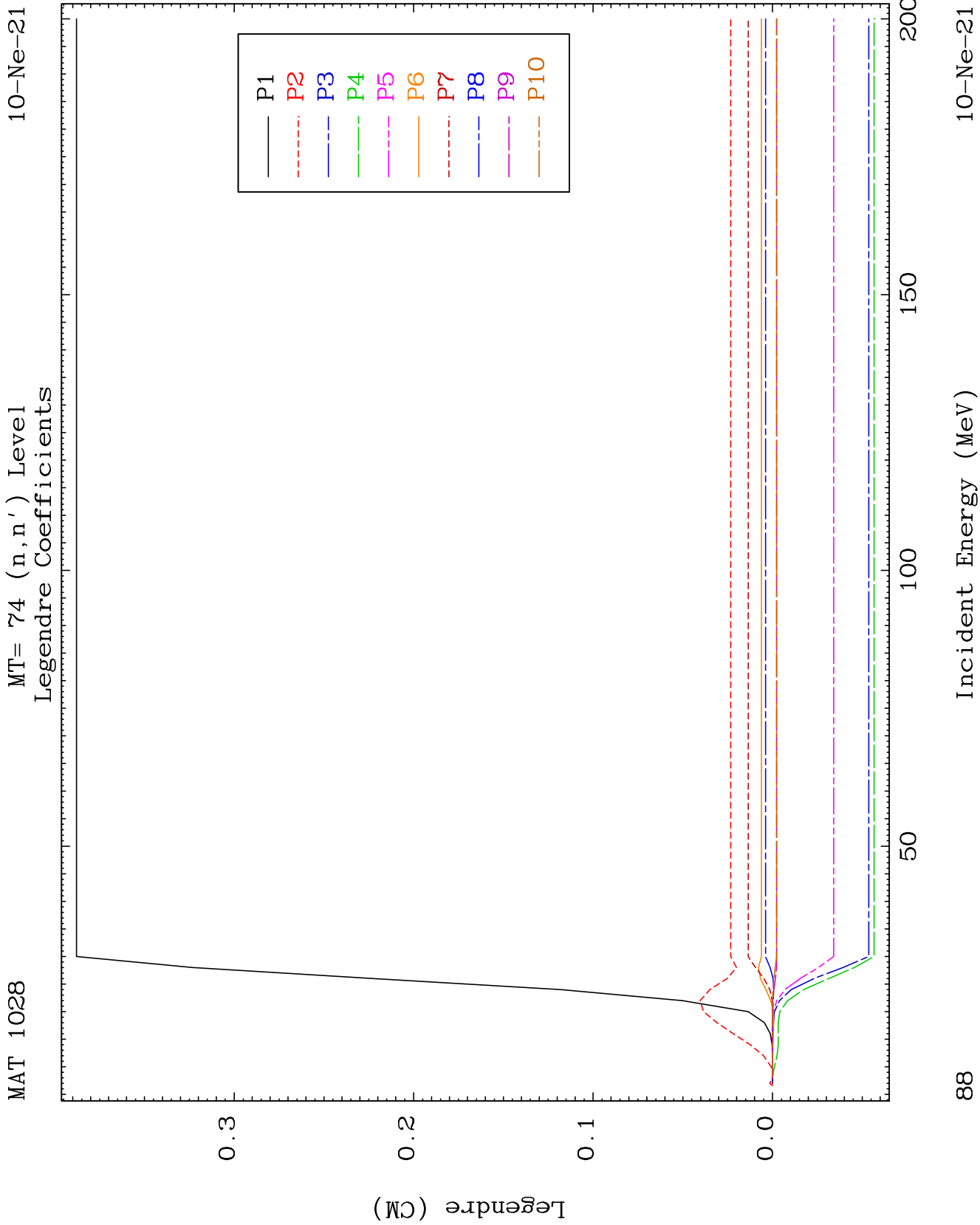
86

Incident Energy (MeV)

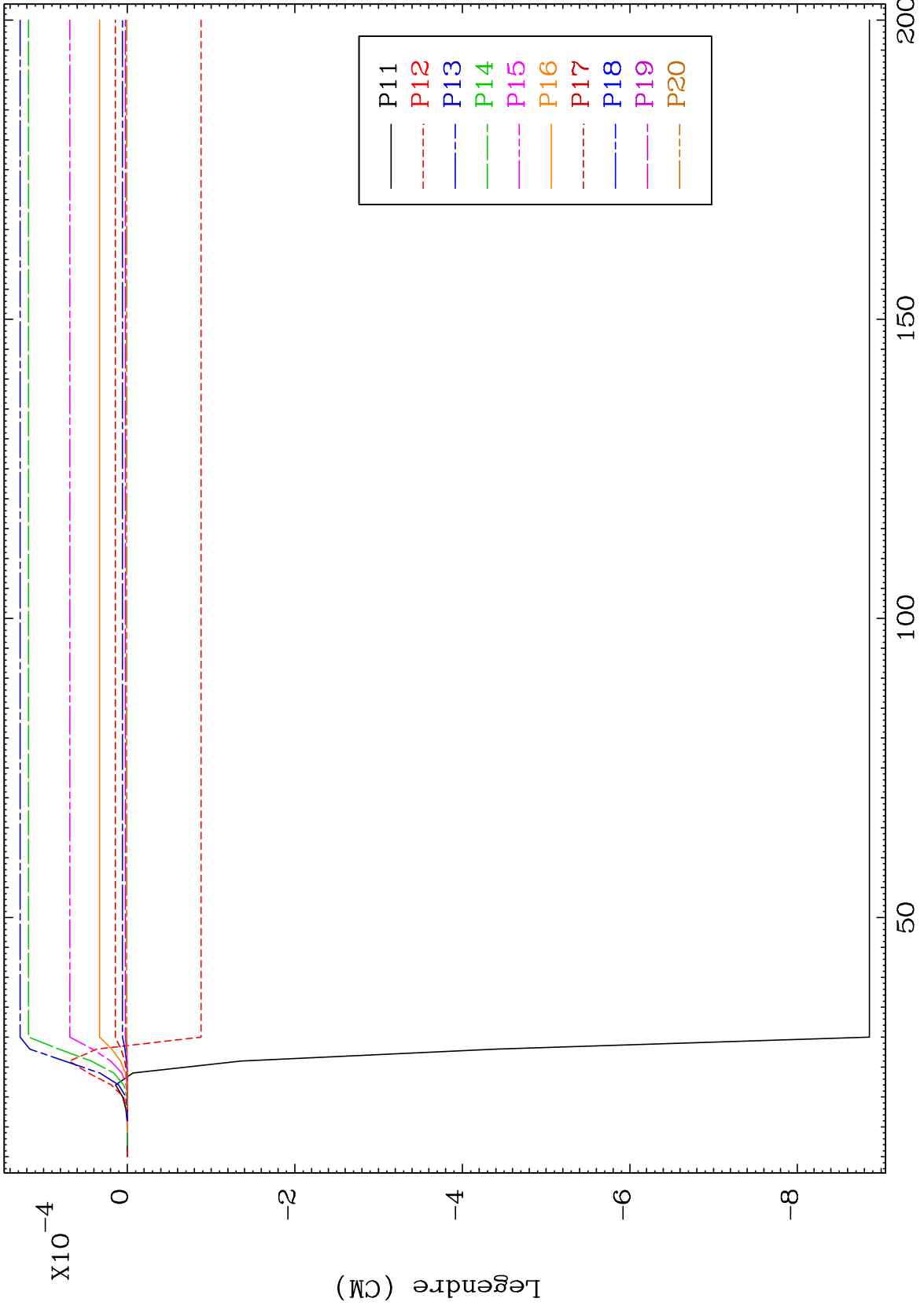
10-Ne-21



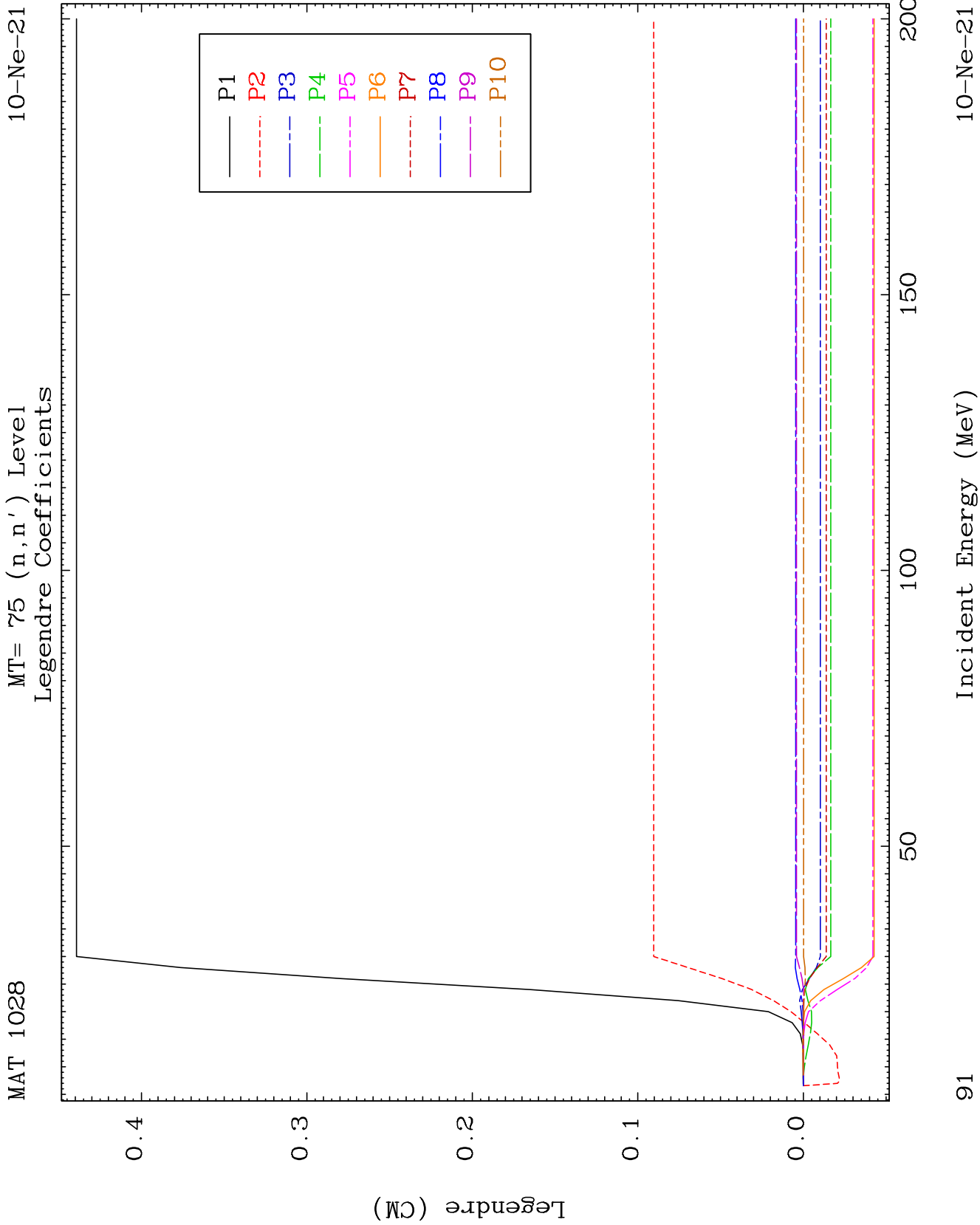




MAT 1028 MT= 74 (n,n') Level Legendre Coefficients 10-Ne-21



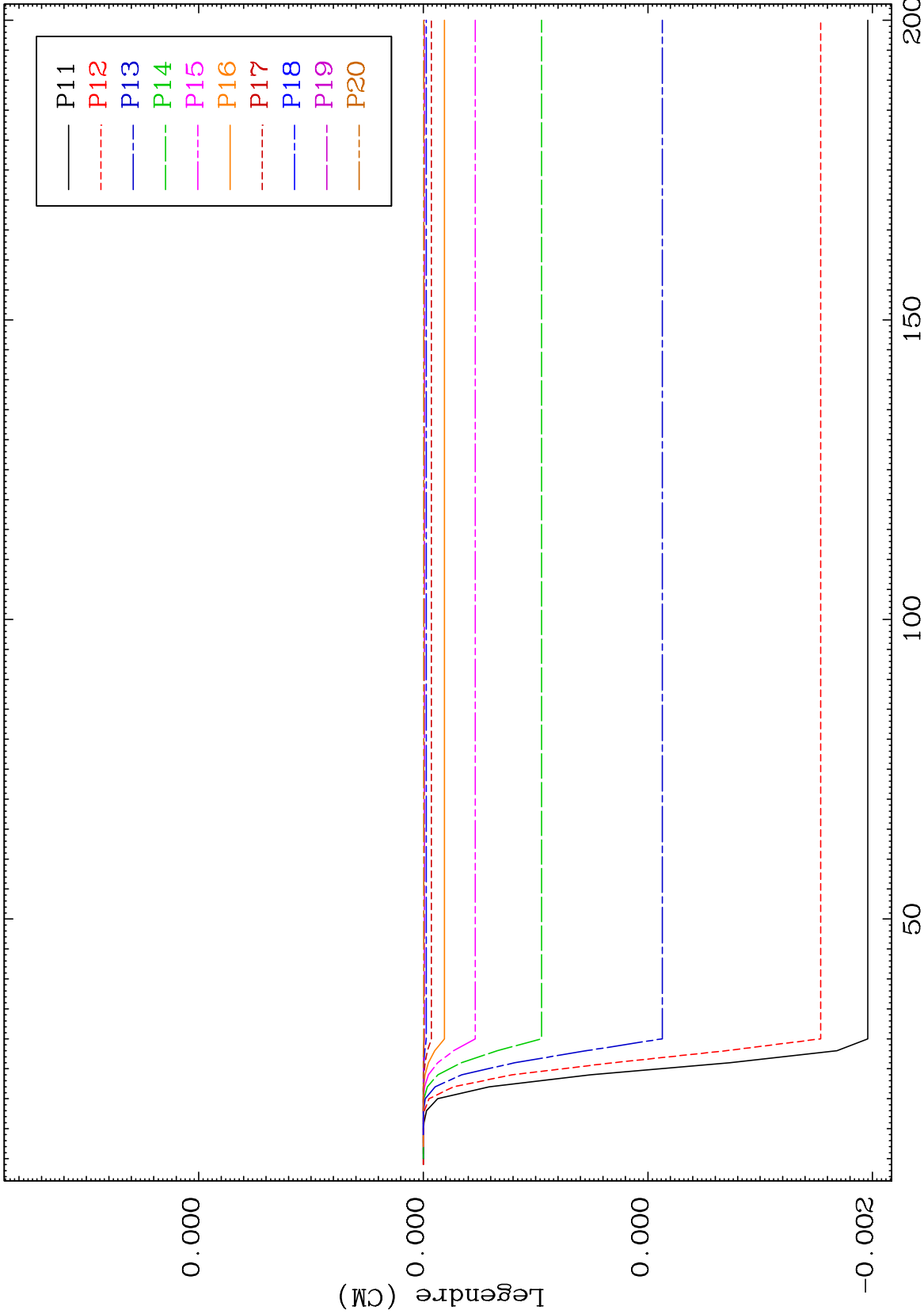




MAT 1028

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

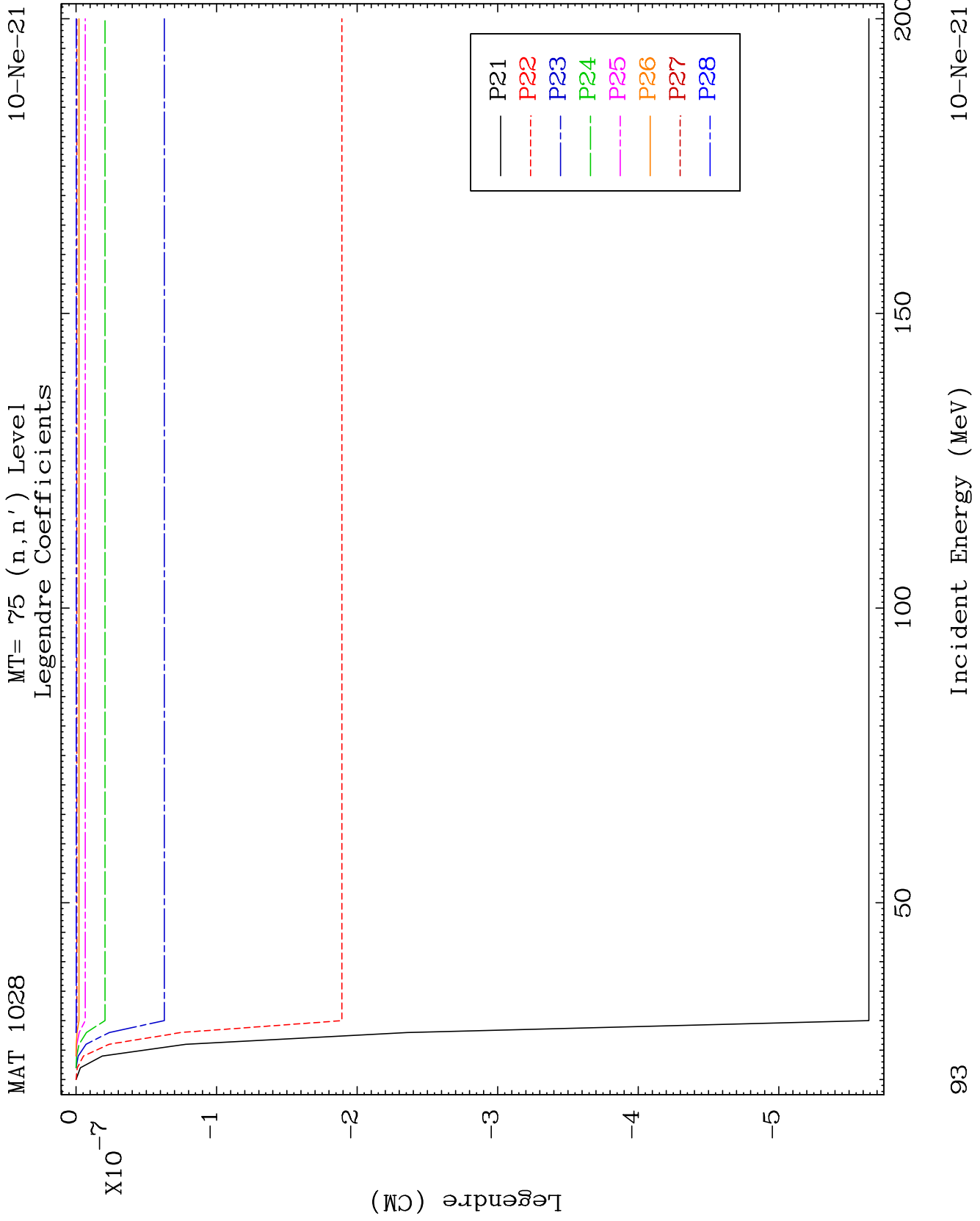
10-Ne-21



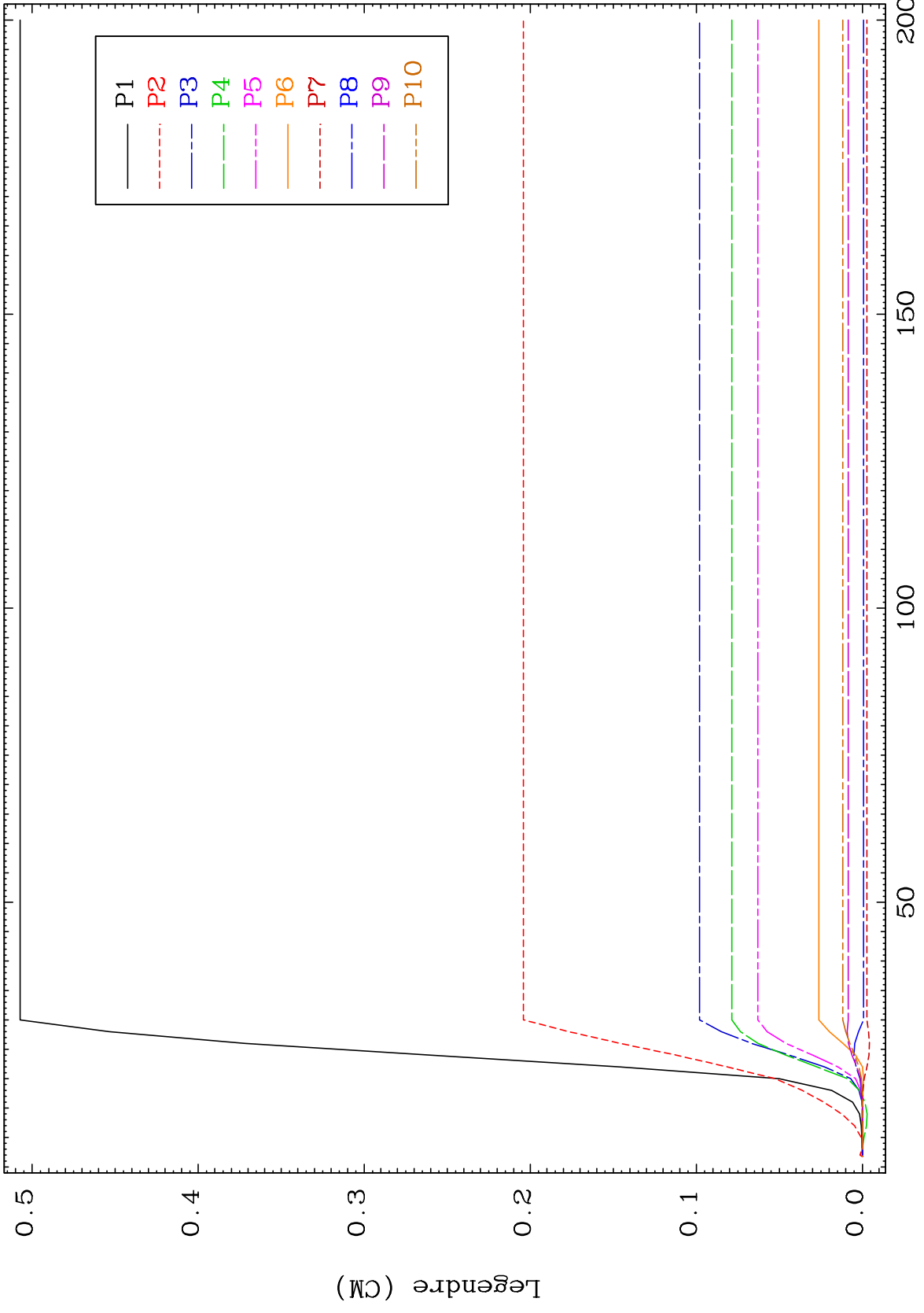
92

Incident Energy (MeV)

10-Ne-21



MAT 1028 MT= 76 (n,n') Level Legendre Coefficients 10-Ne-21



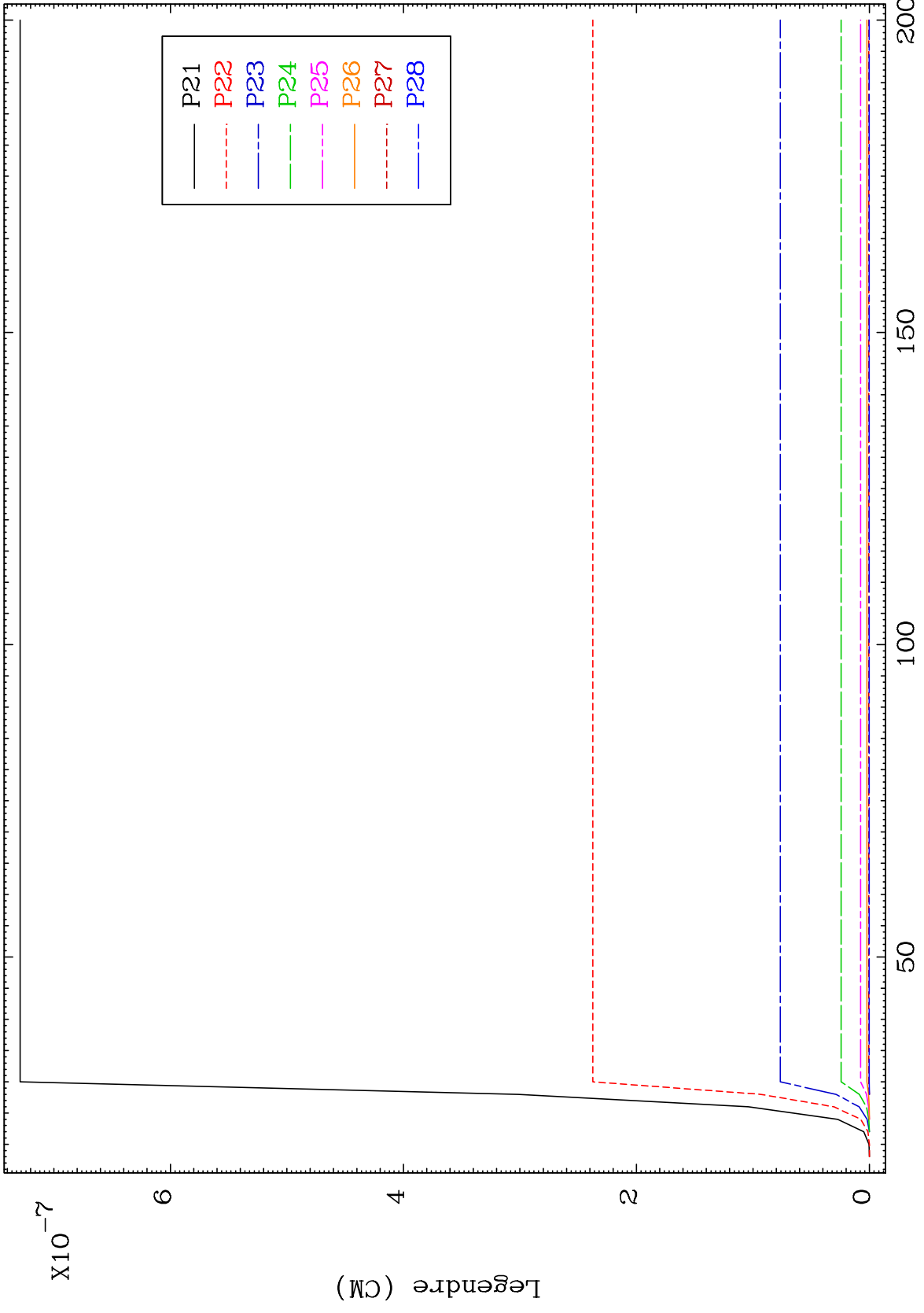
10-Ne-21

Incident Energy (MeV)





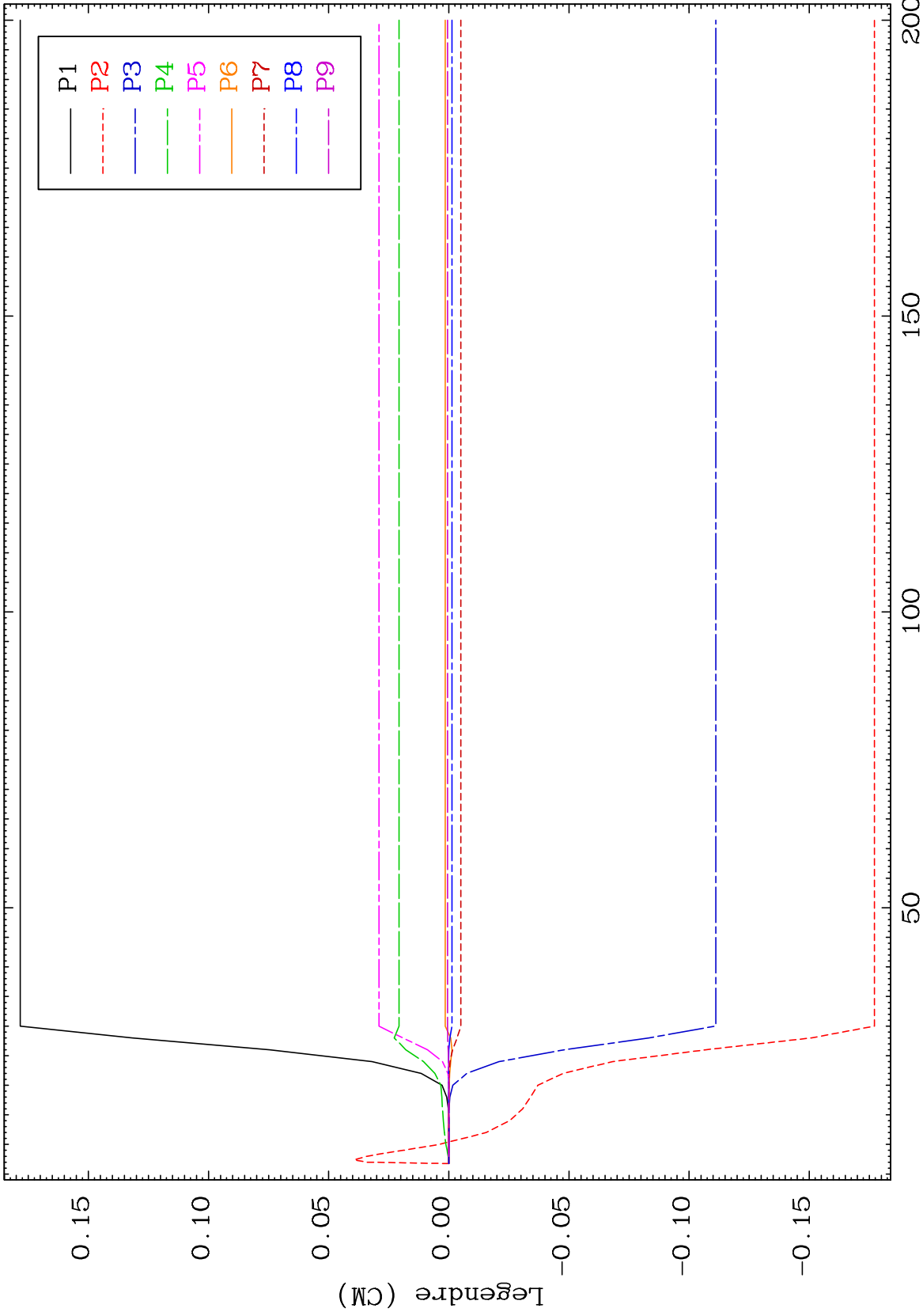
MAT 1028 MT= 76 (n,n') Level Legendre Coefficients 10-Ne-21



MAT 1028

MT= 77 (n,n') Level  
Legendre Coefficients

10-Ne-21



97

10-Ne-21

MAT 1028 MT= 77 (n,n') Level Legendre Coefficients 10-Ne-21

