

Program EVALPLOT  
(Version 2021-1)

by

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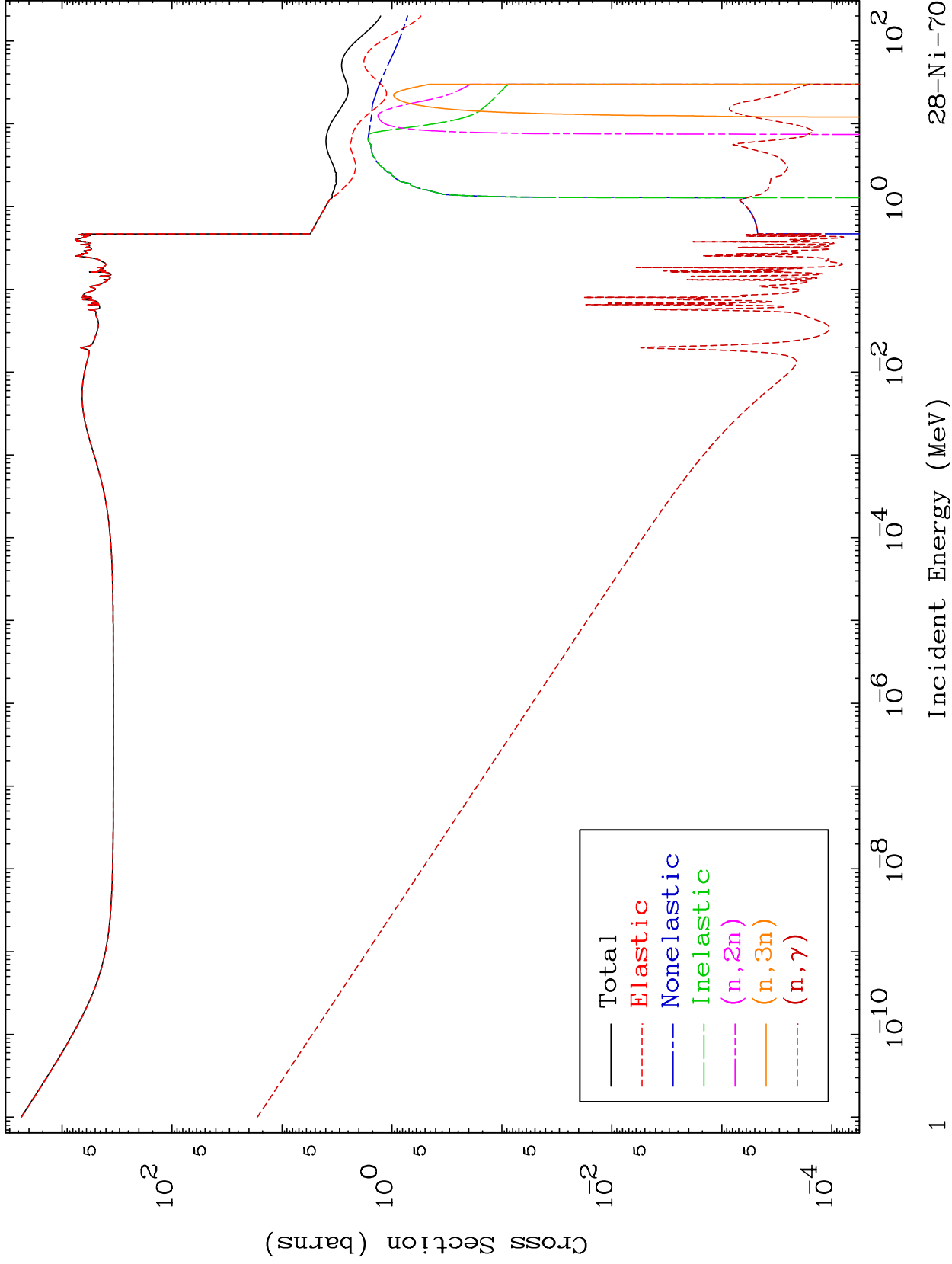
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2861

Neutron Major  
293 Kelvin Cross Sections

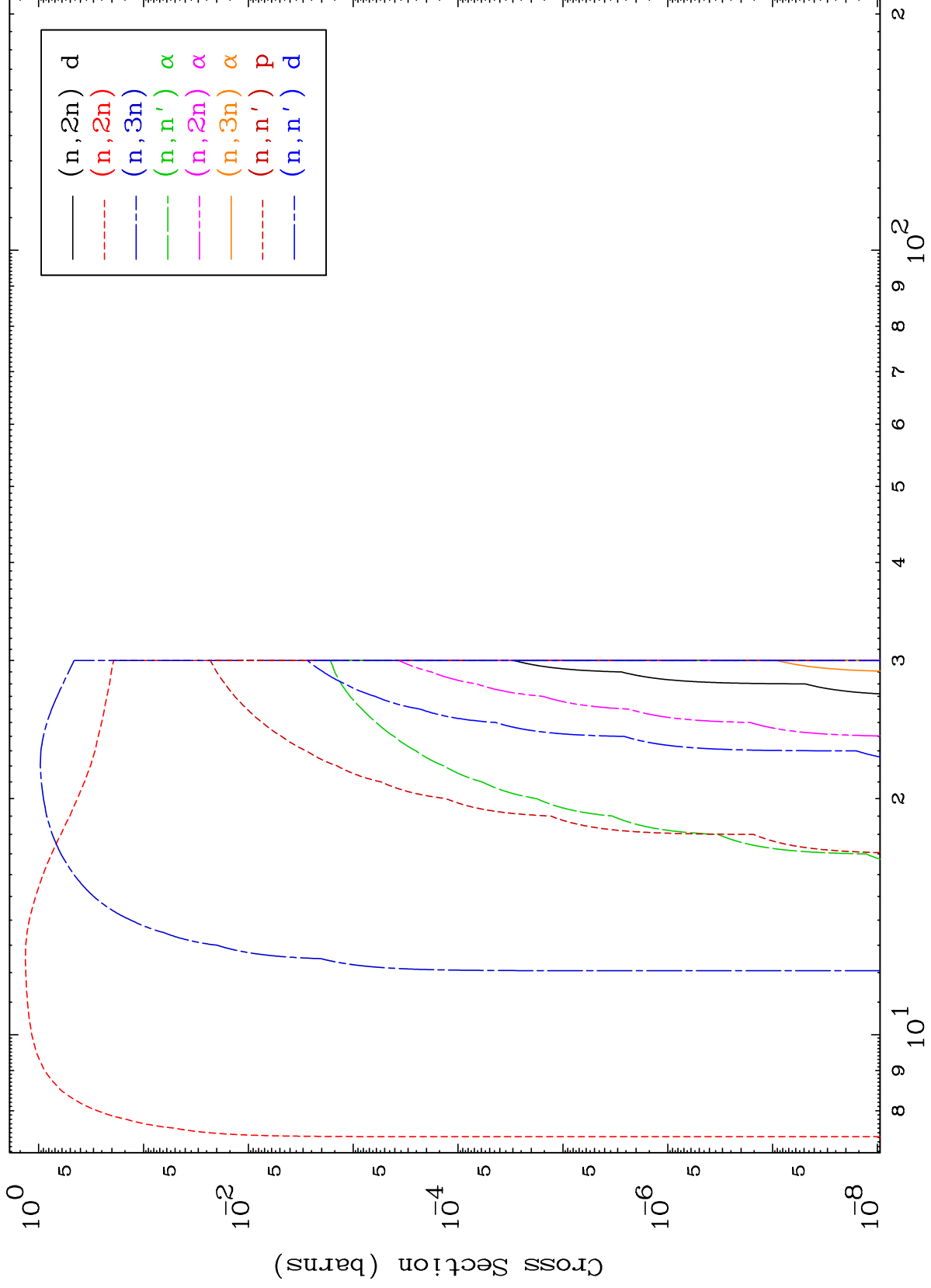
28-Ni-70



MAT 2861

Neutron Absorption  
293 Kelvin Cross Sections

28-Ni-70



2

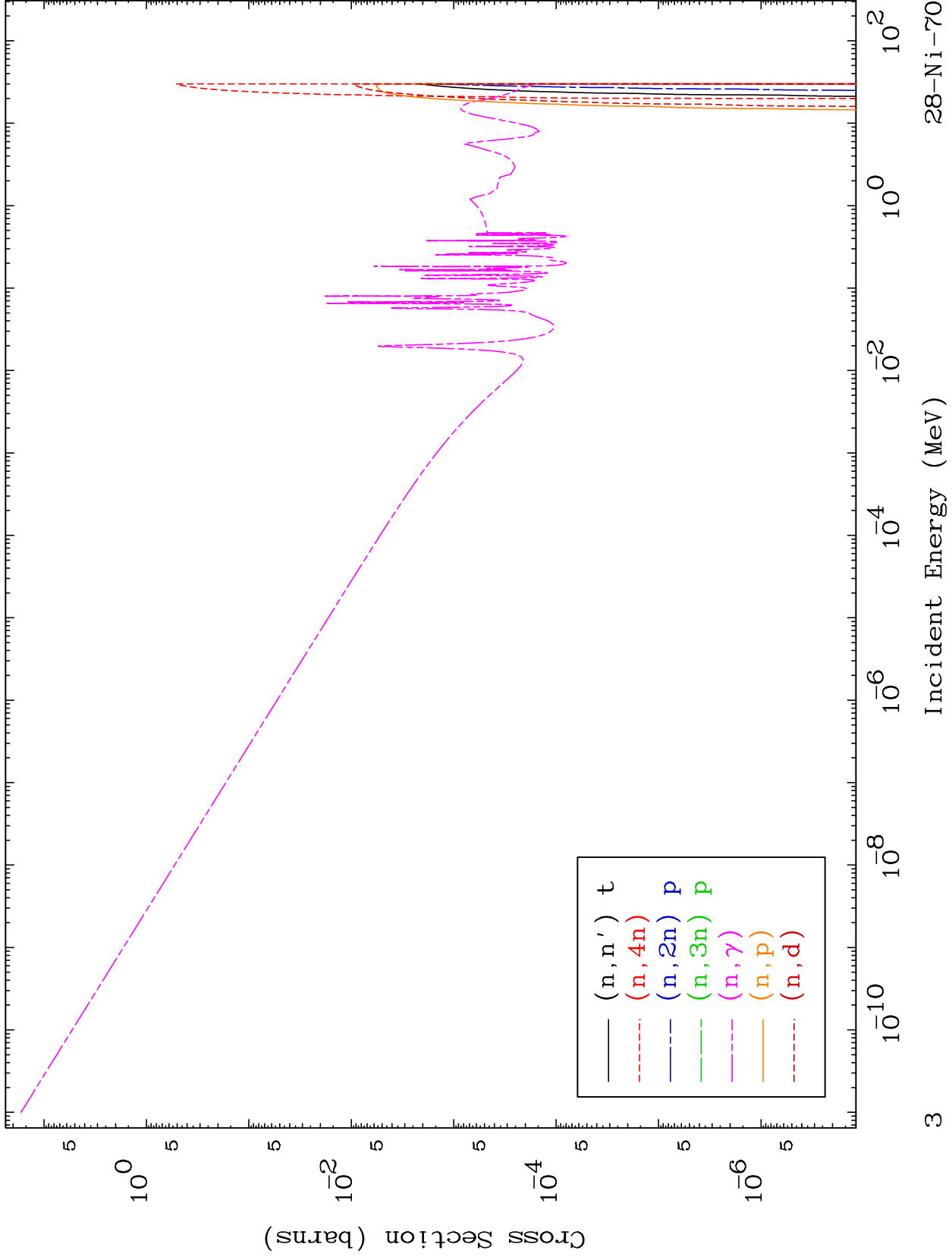
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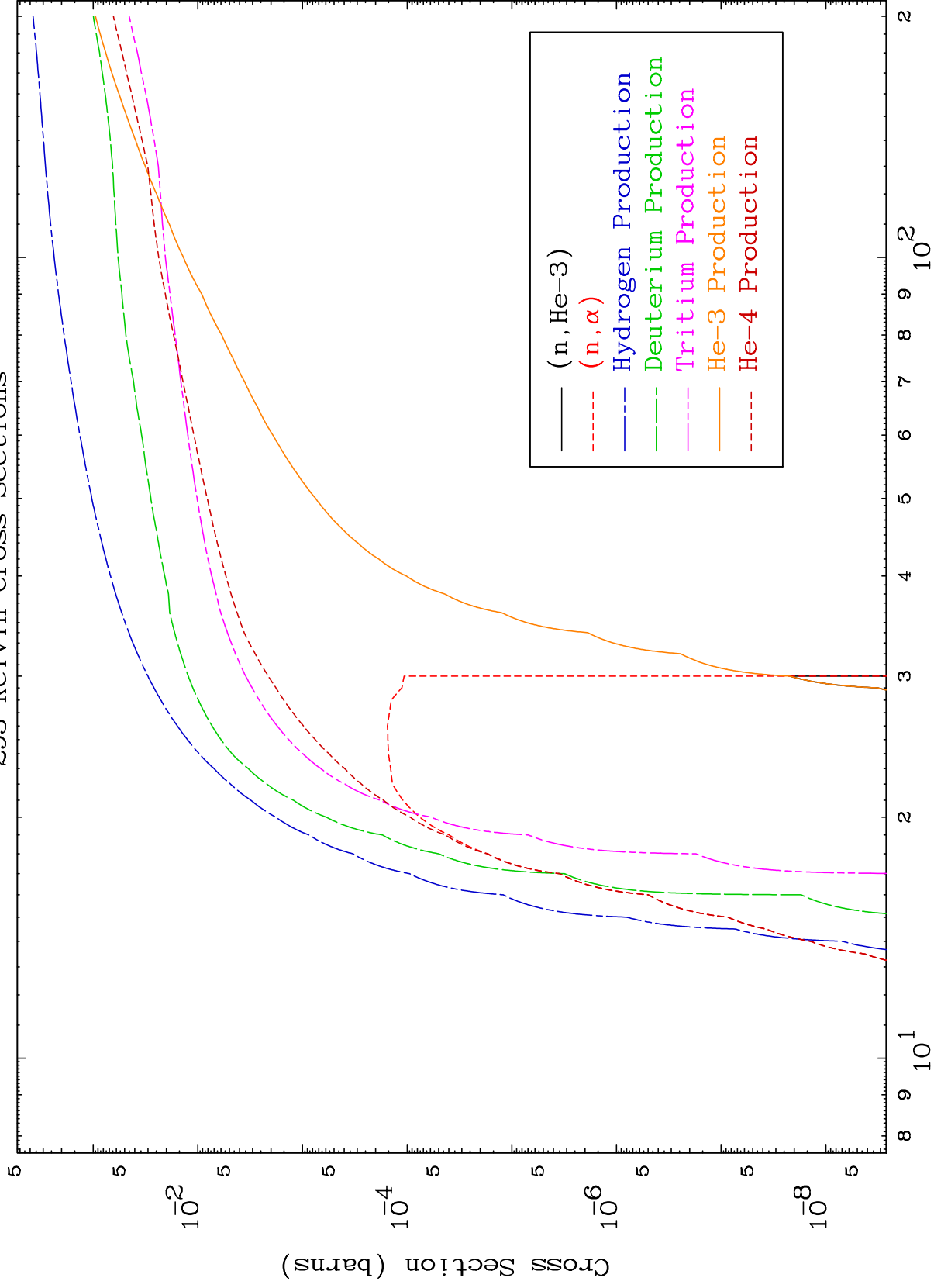
28-Ni-70

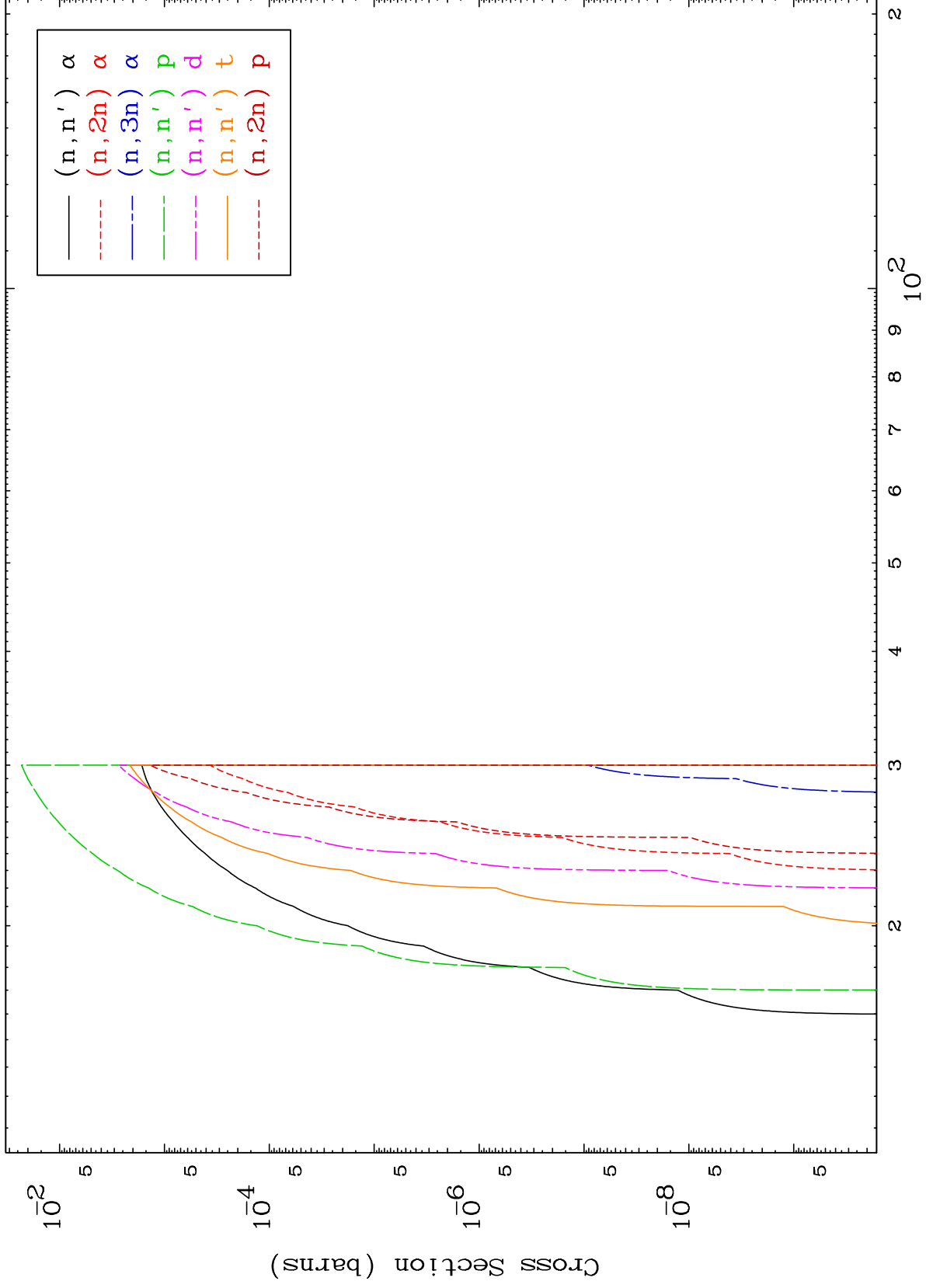
MAT 2861

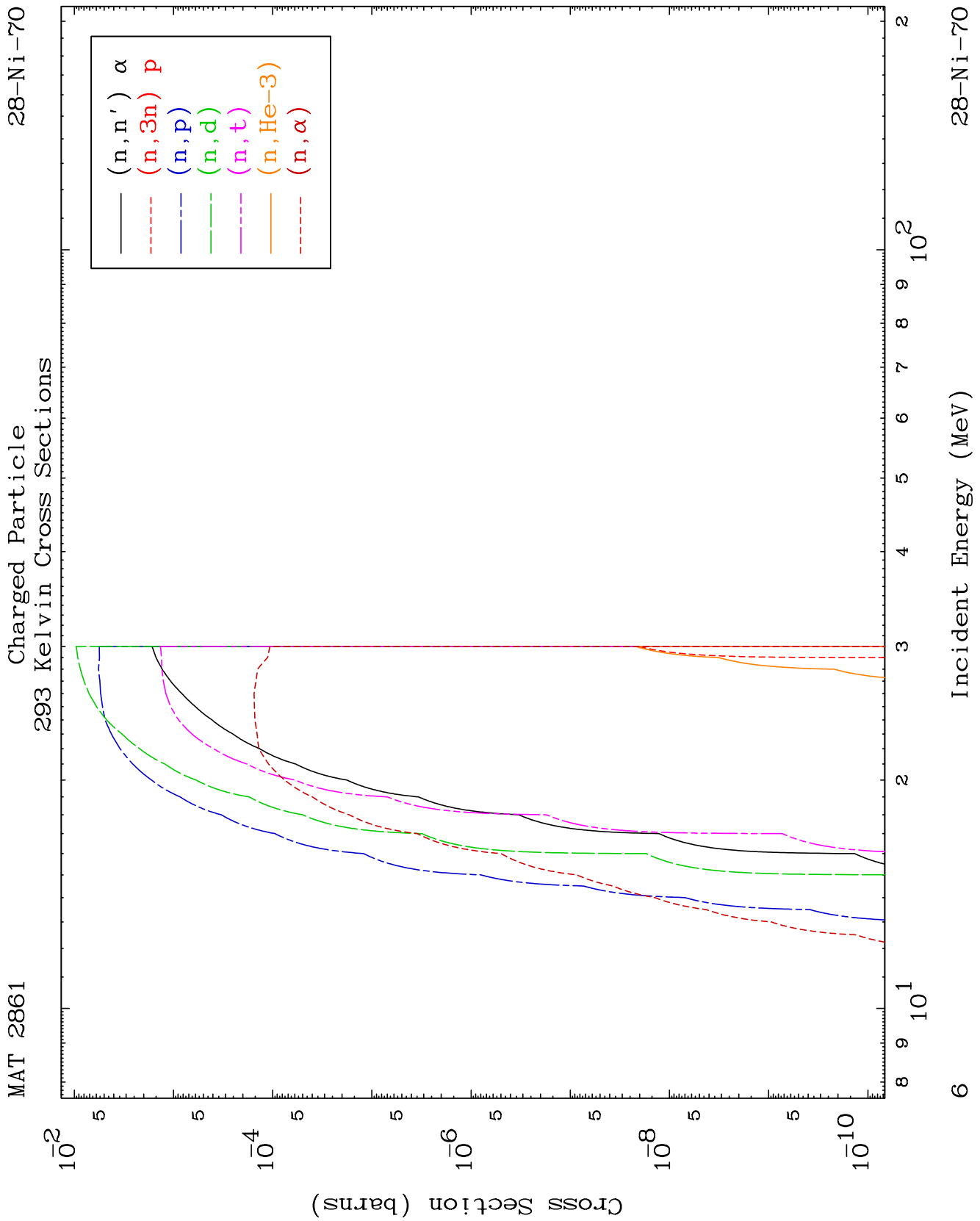
Neutron Absorption  
293 Kelvin Cross Sections

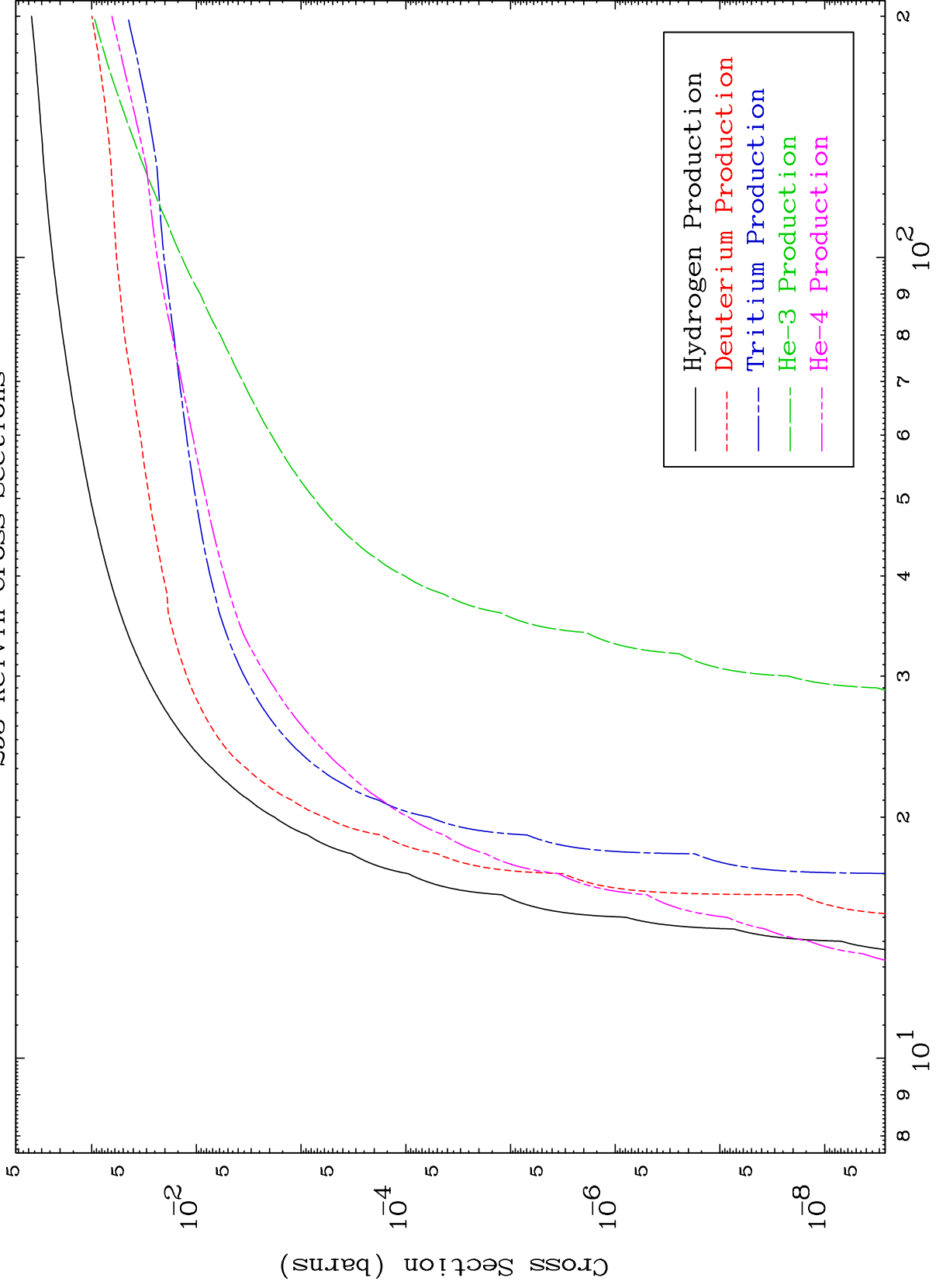
28-Ni-70

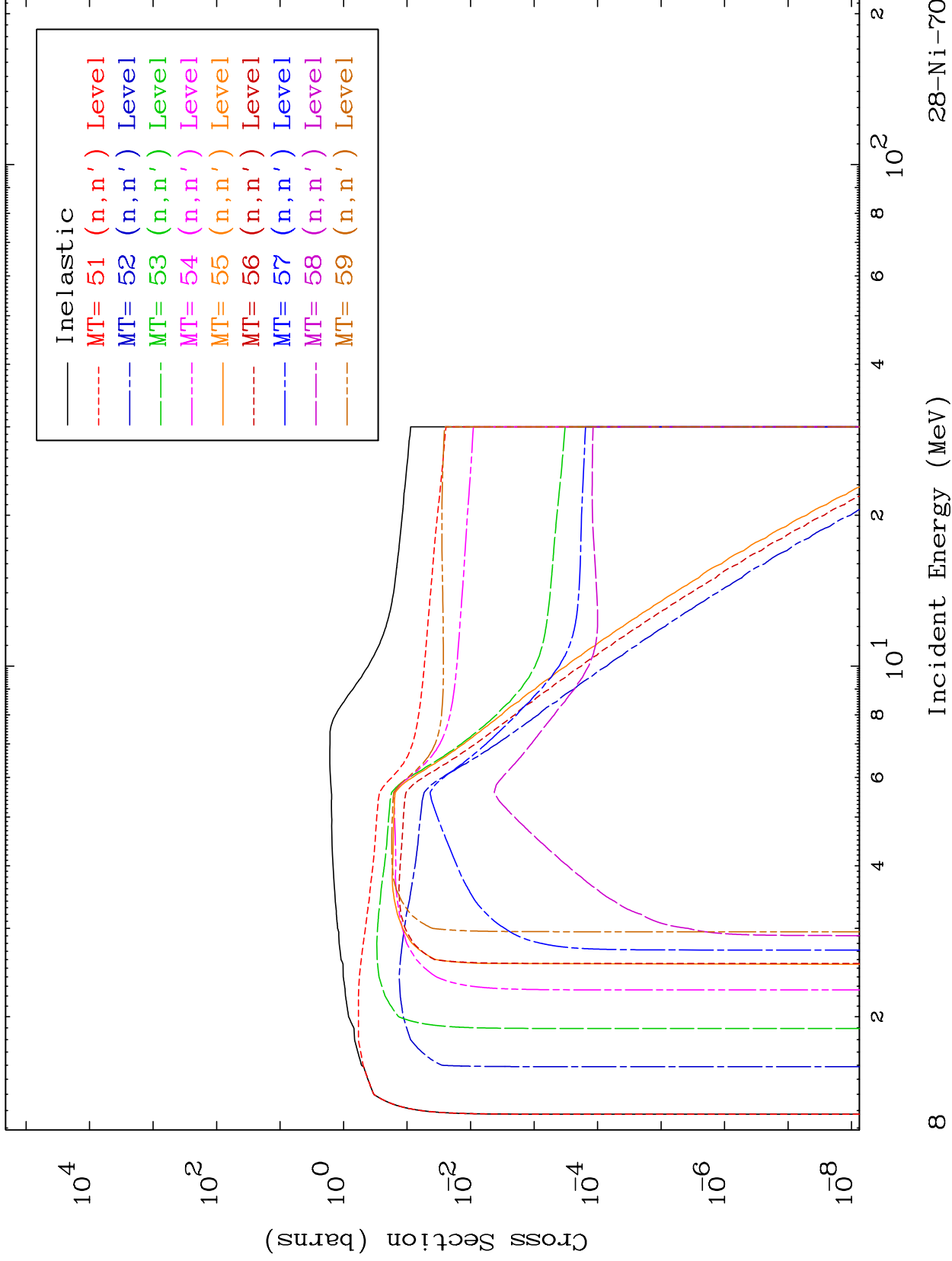


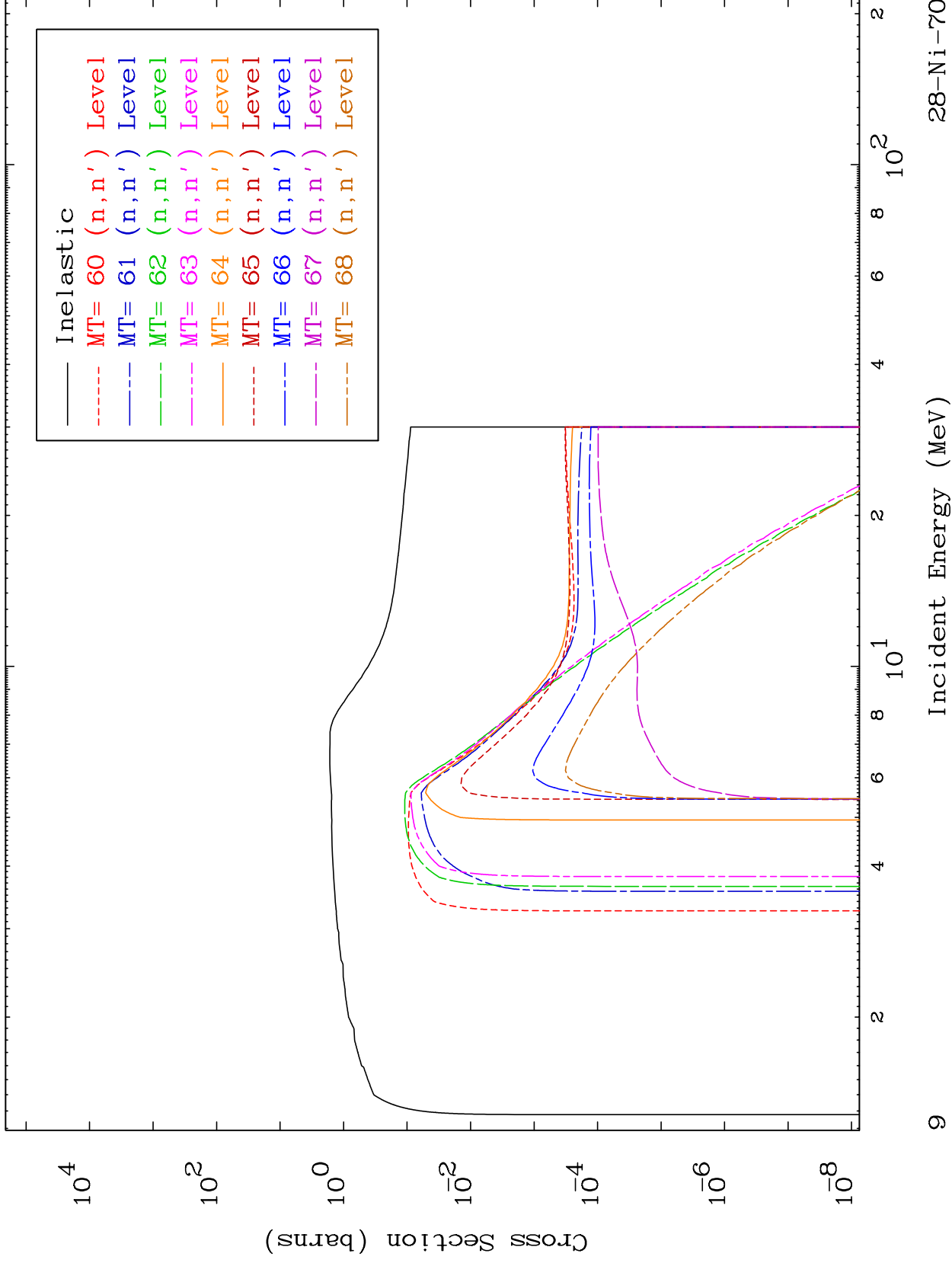










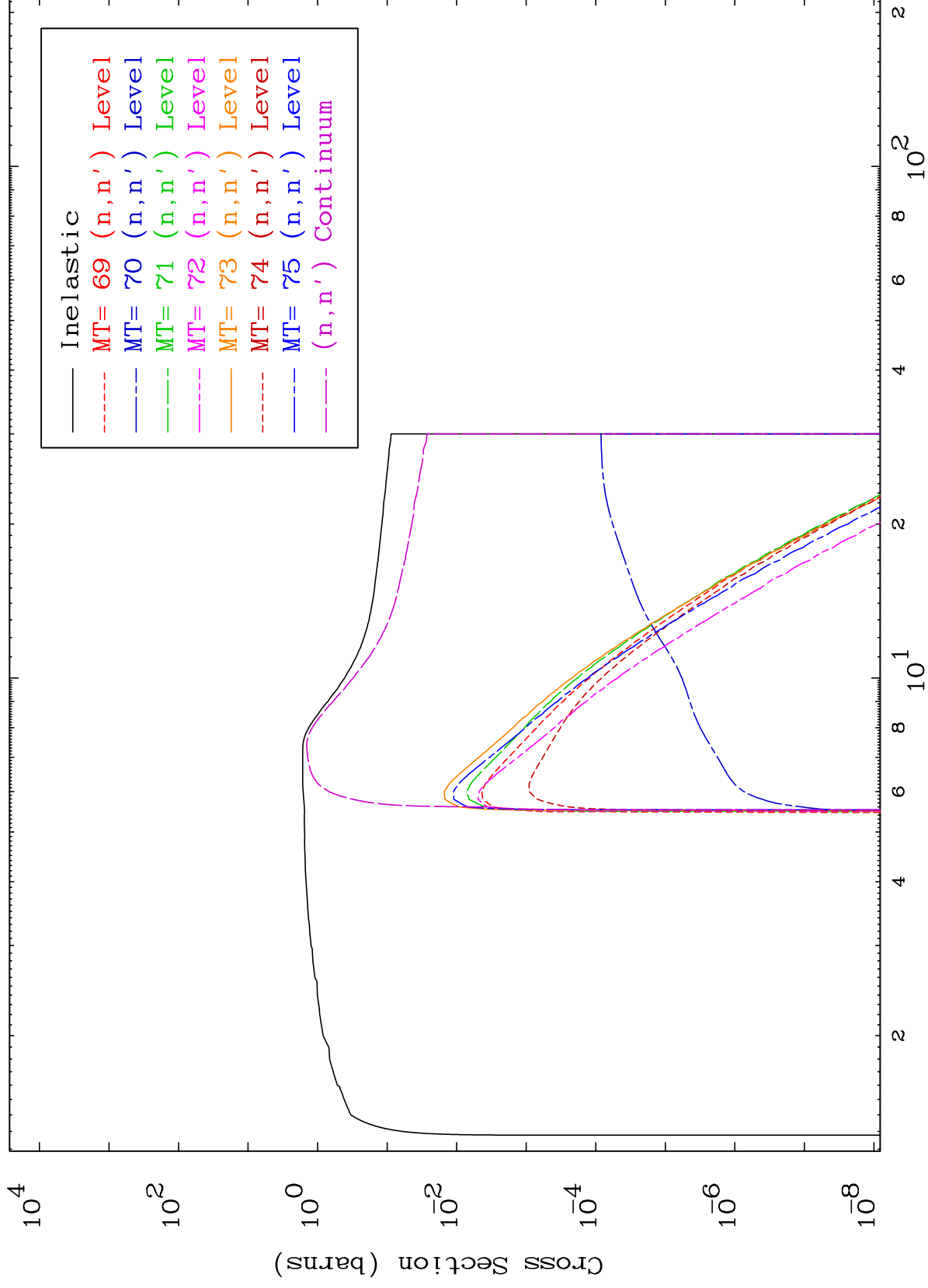


MAT 2861

(n,n') Levels

293 Kelvin Cross Sections

28-Ni-70



10

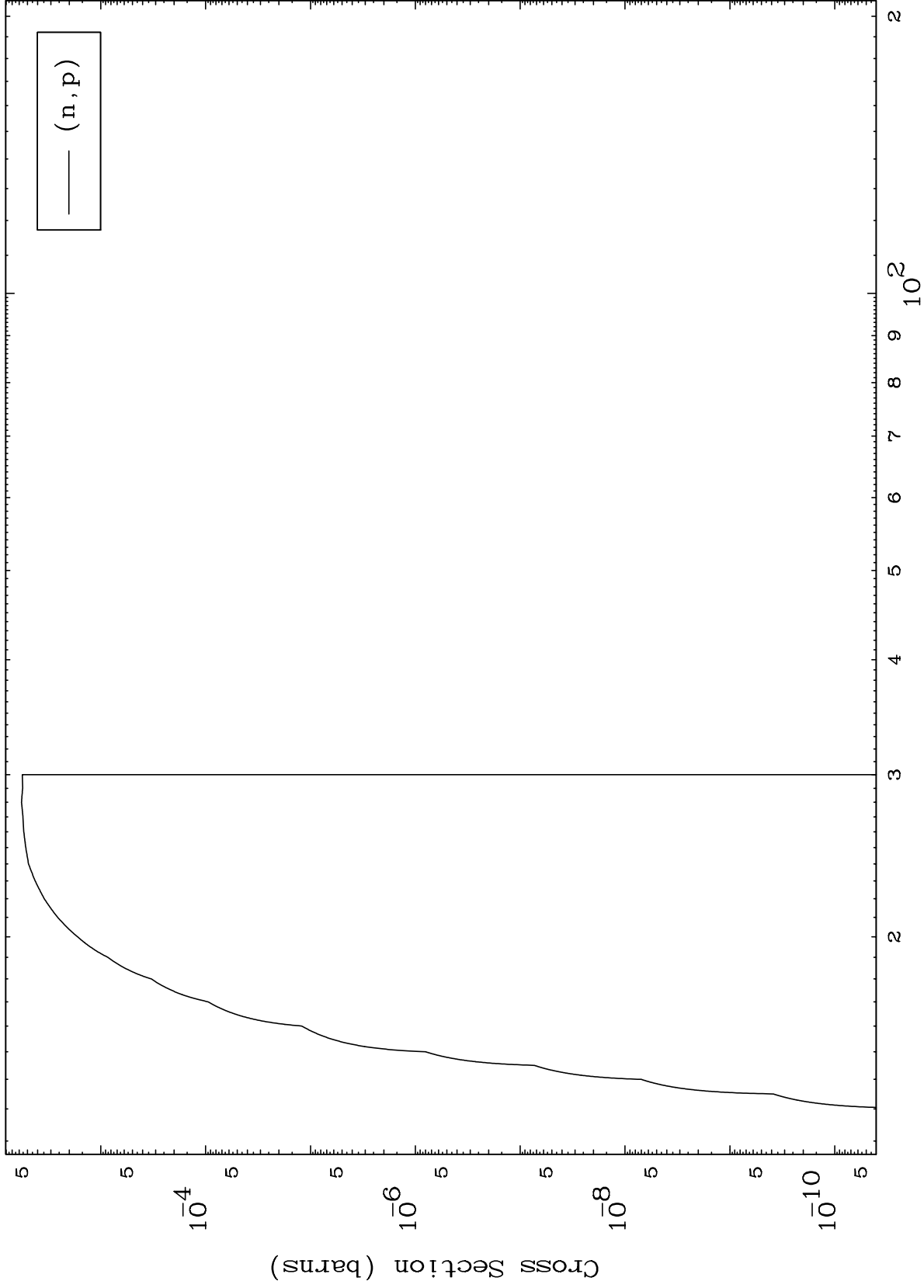
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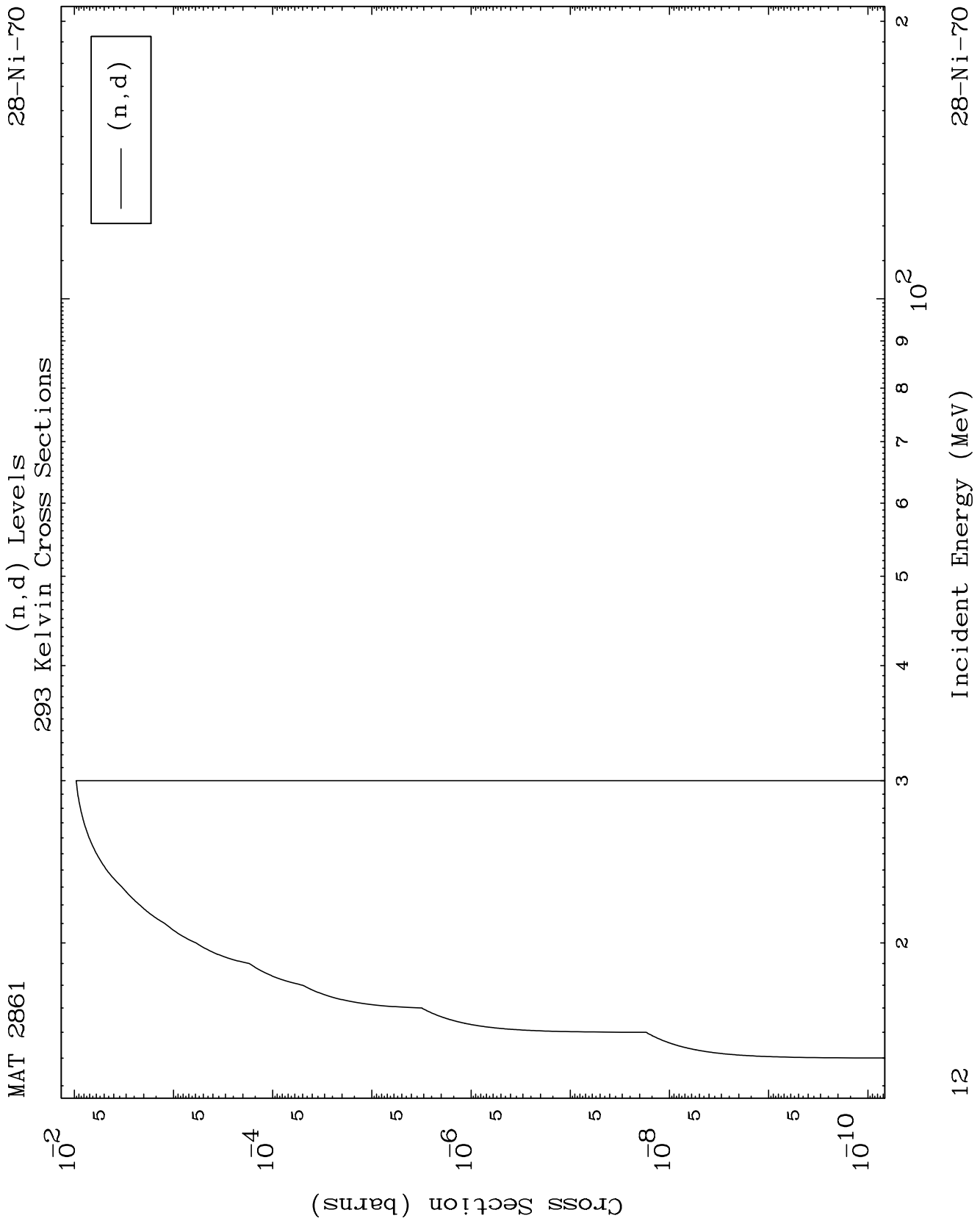
28-Ni-70

MAT 2861

(n,p) Levels  
293 Kelvin Cross Sections

28-Ni-70

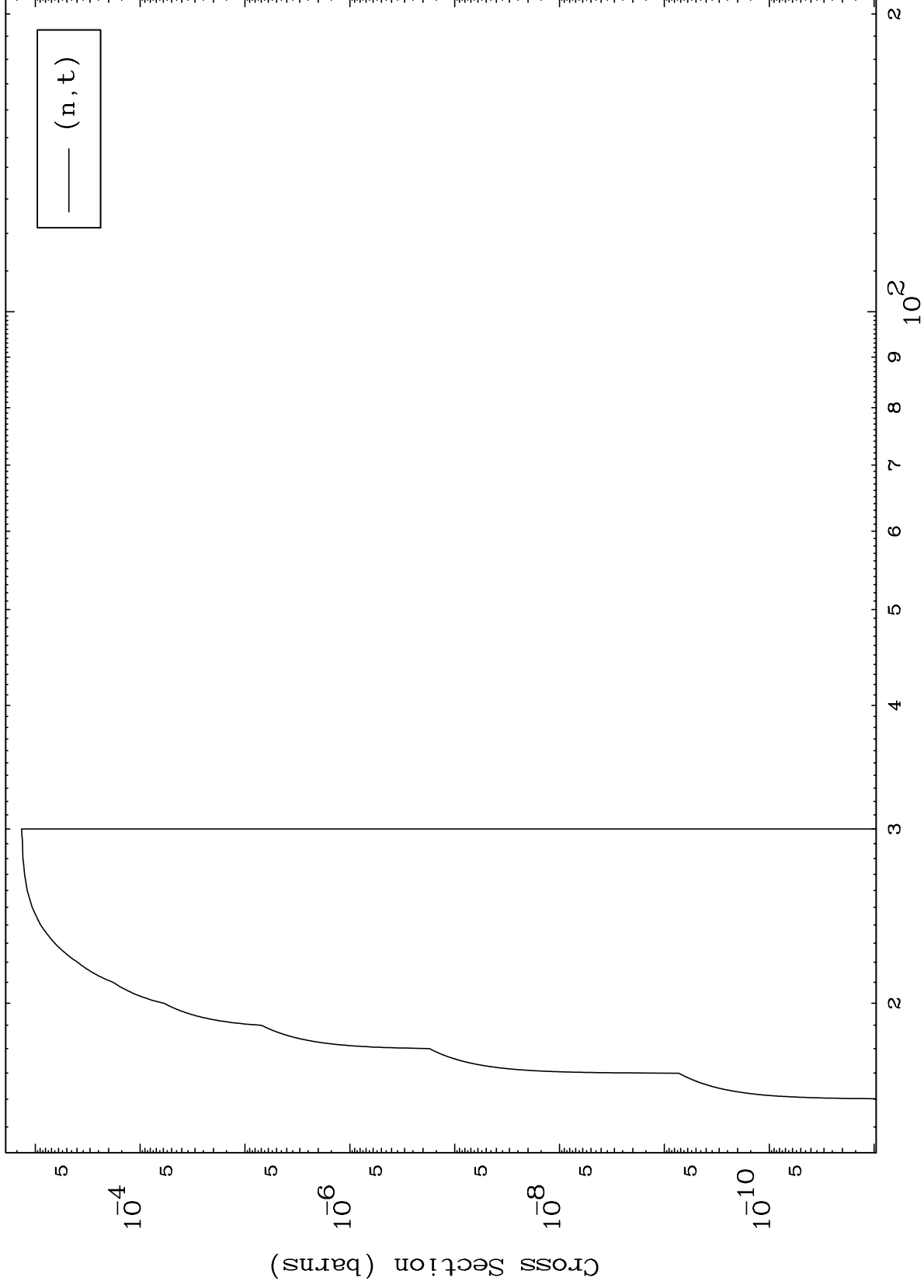




MAT 2861

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-70



13

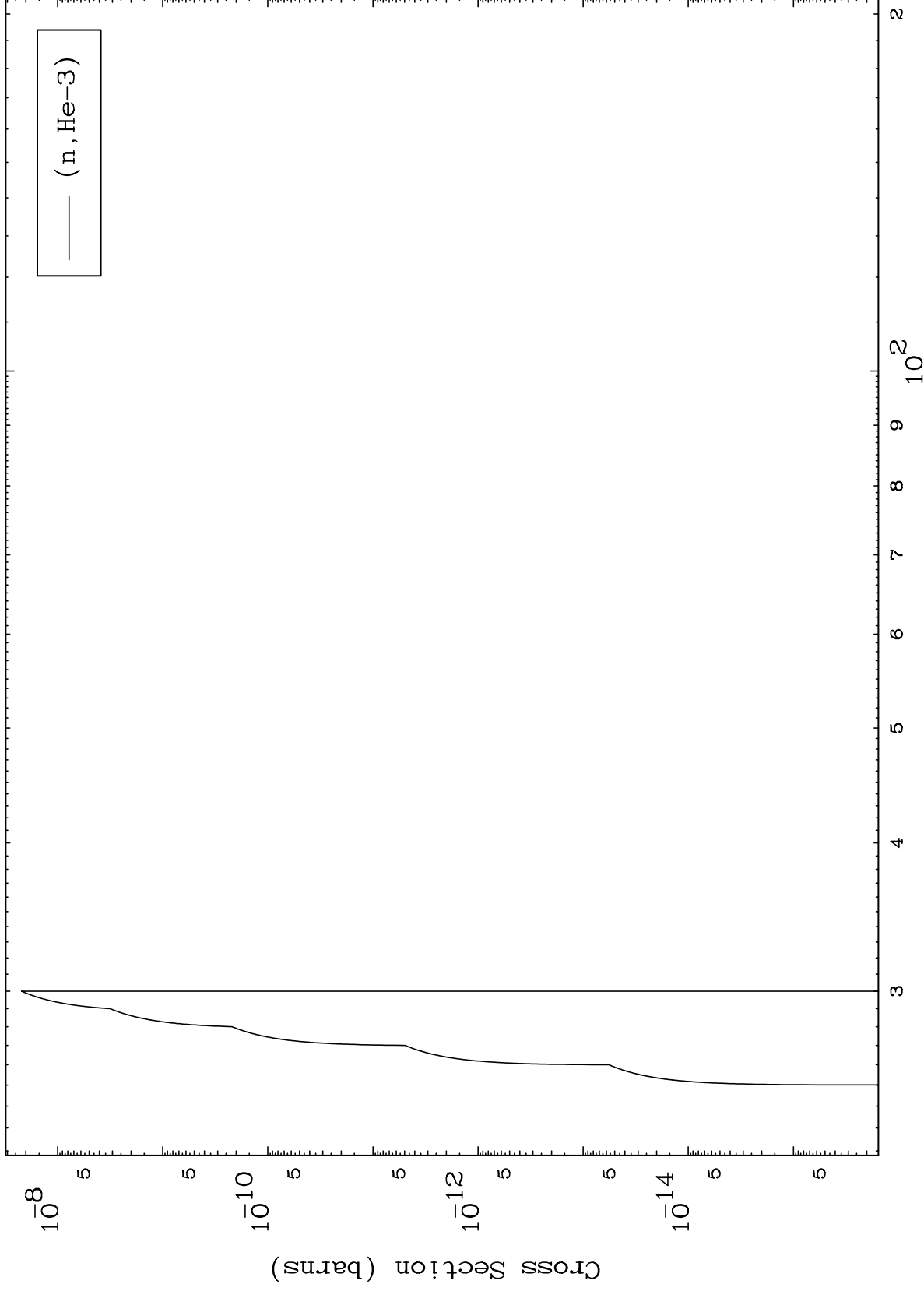
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-70



(n, He-3)

14

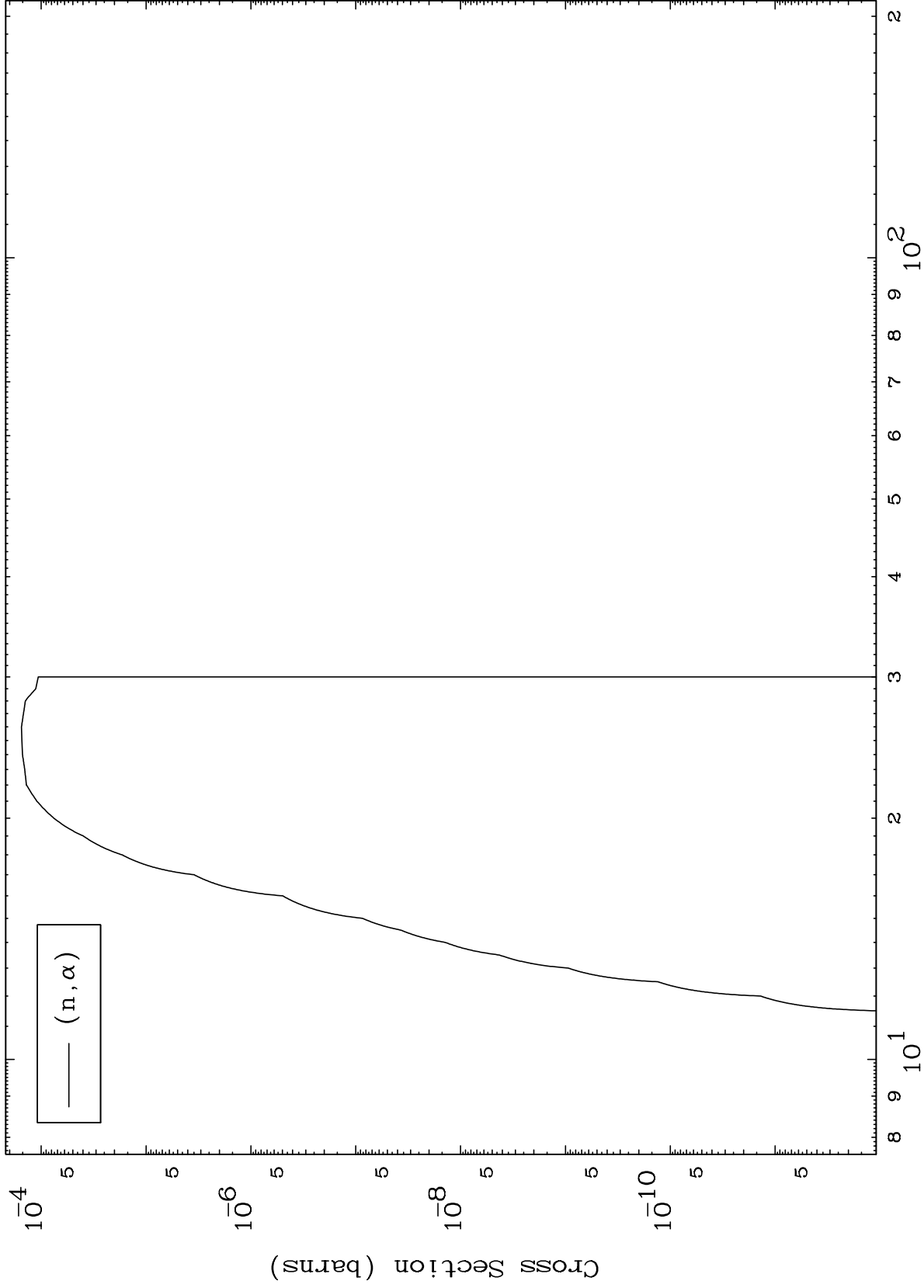
Incident Energy (MeV)

28-Ni-70

MAT 2861

(n,α) Levels  
293 Kelvin Cross Sections

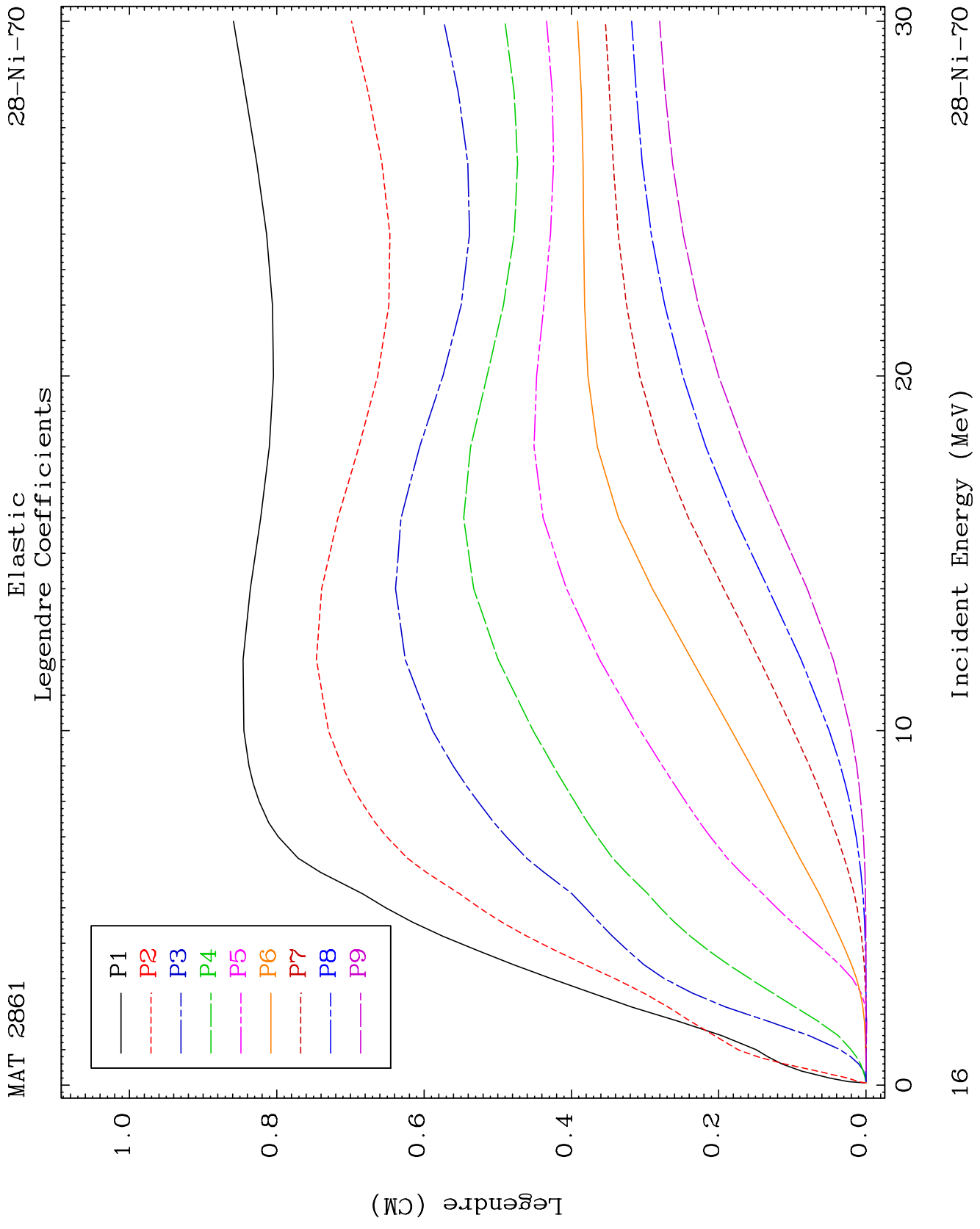
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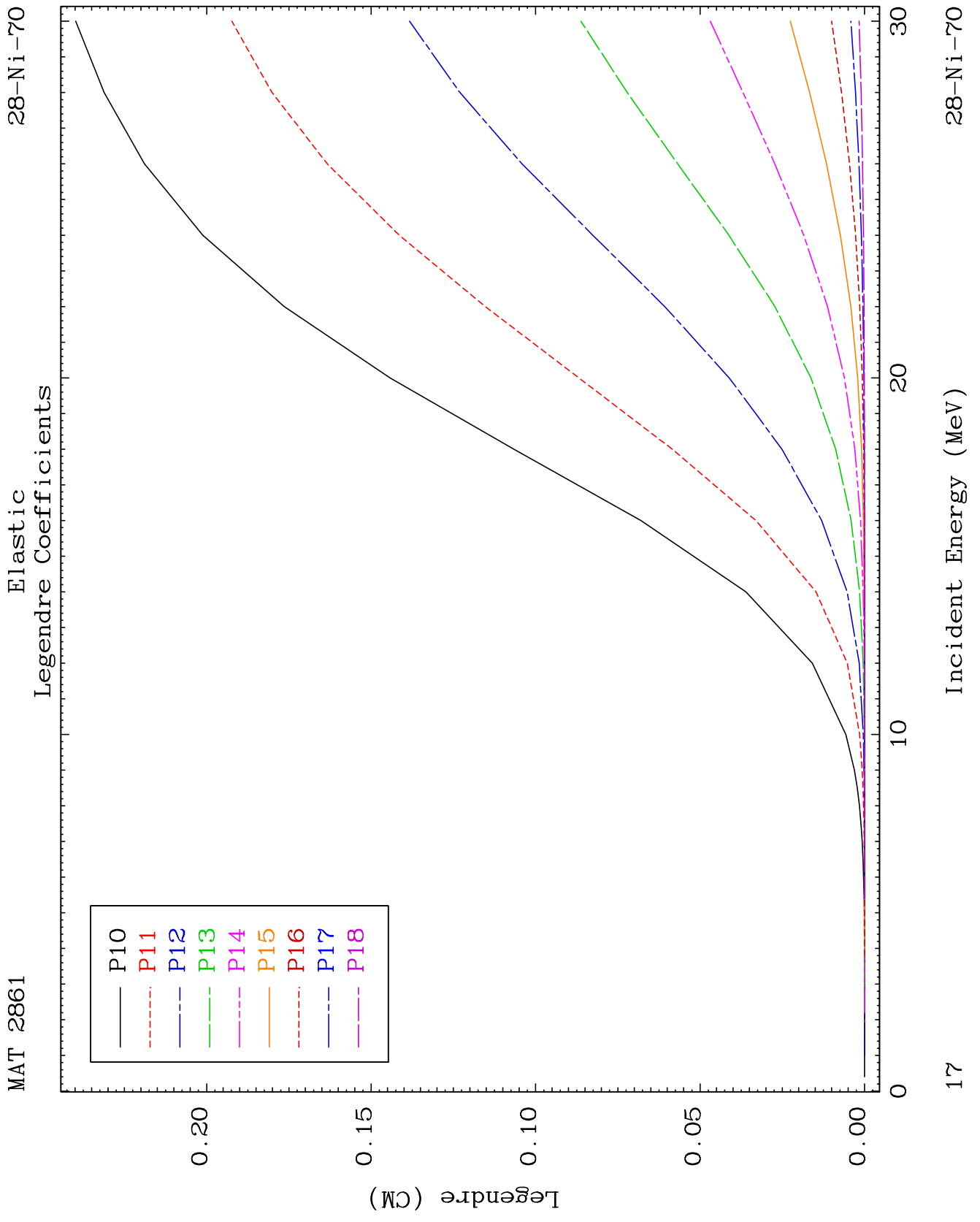


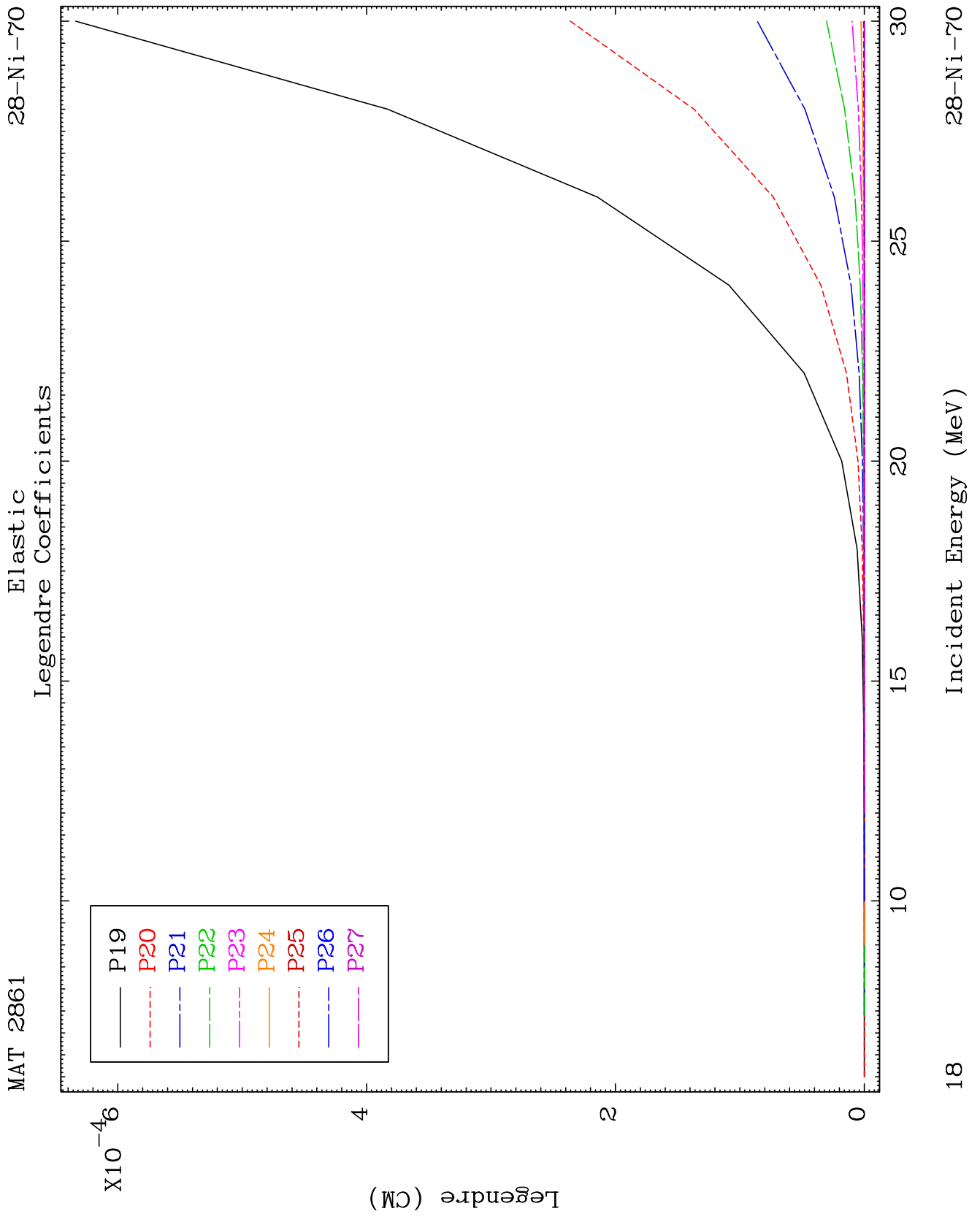
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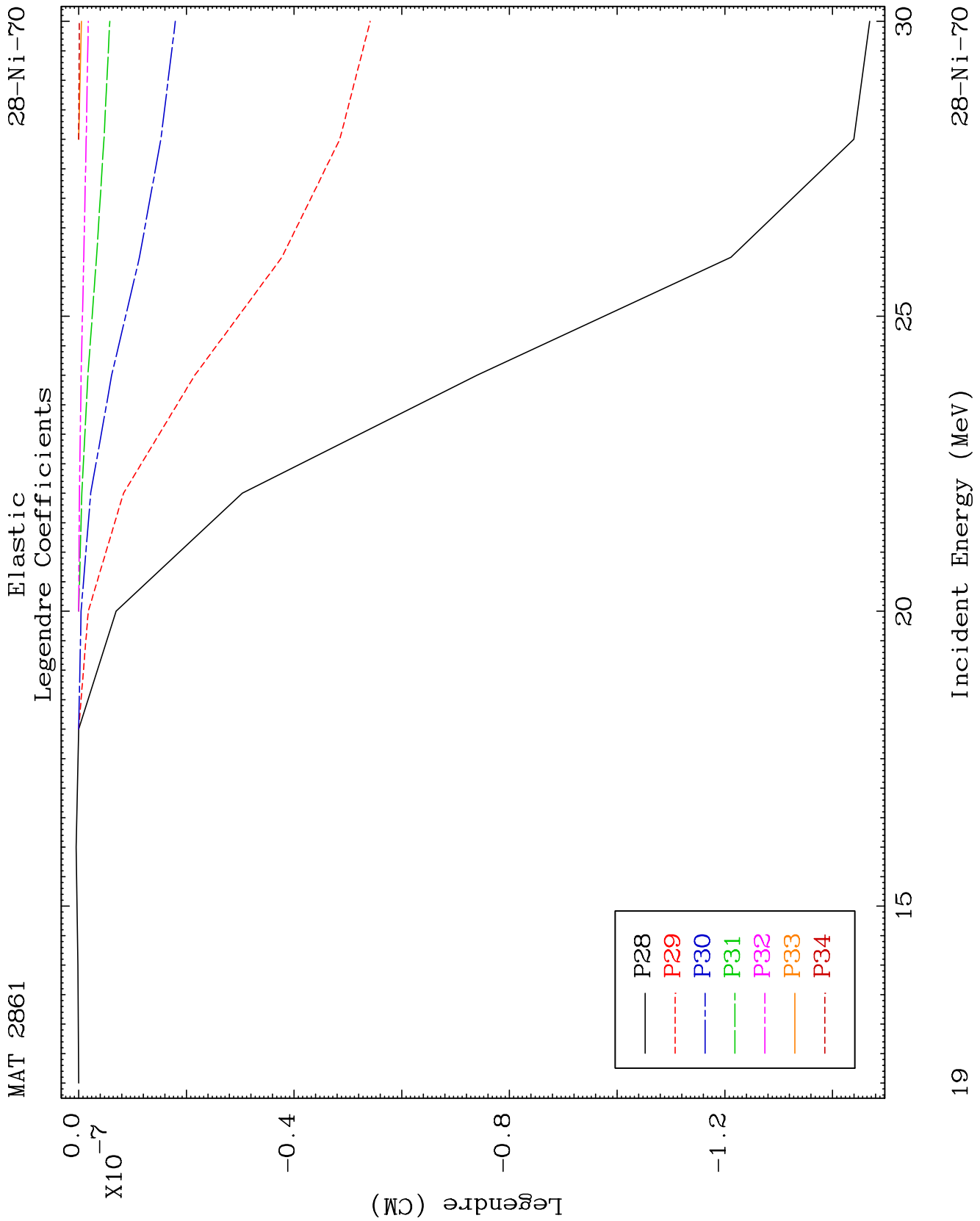
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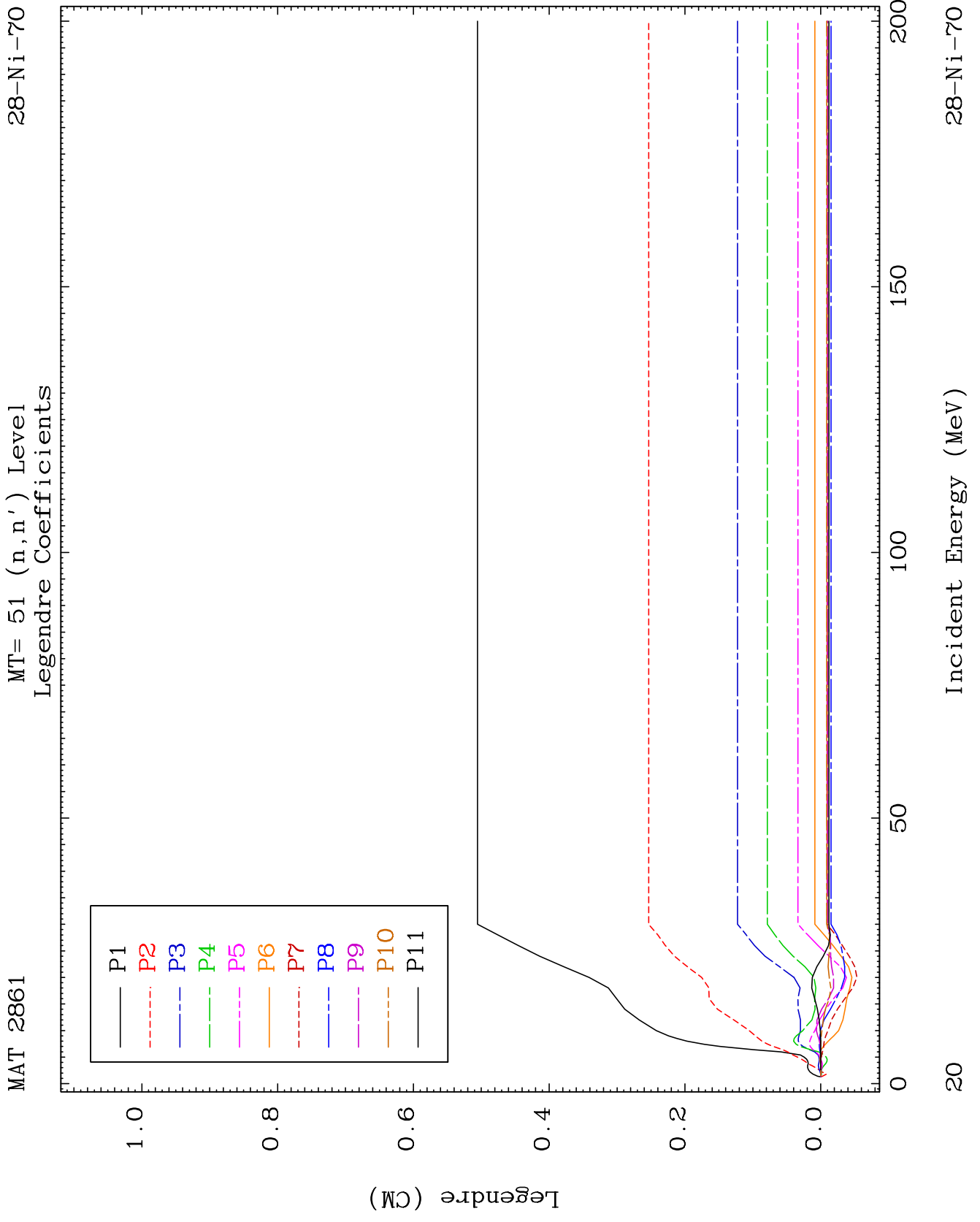
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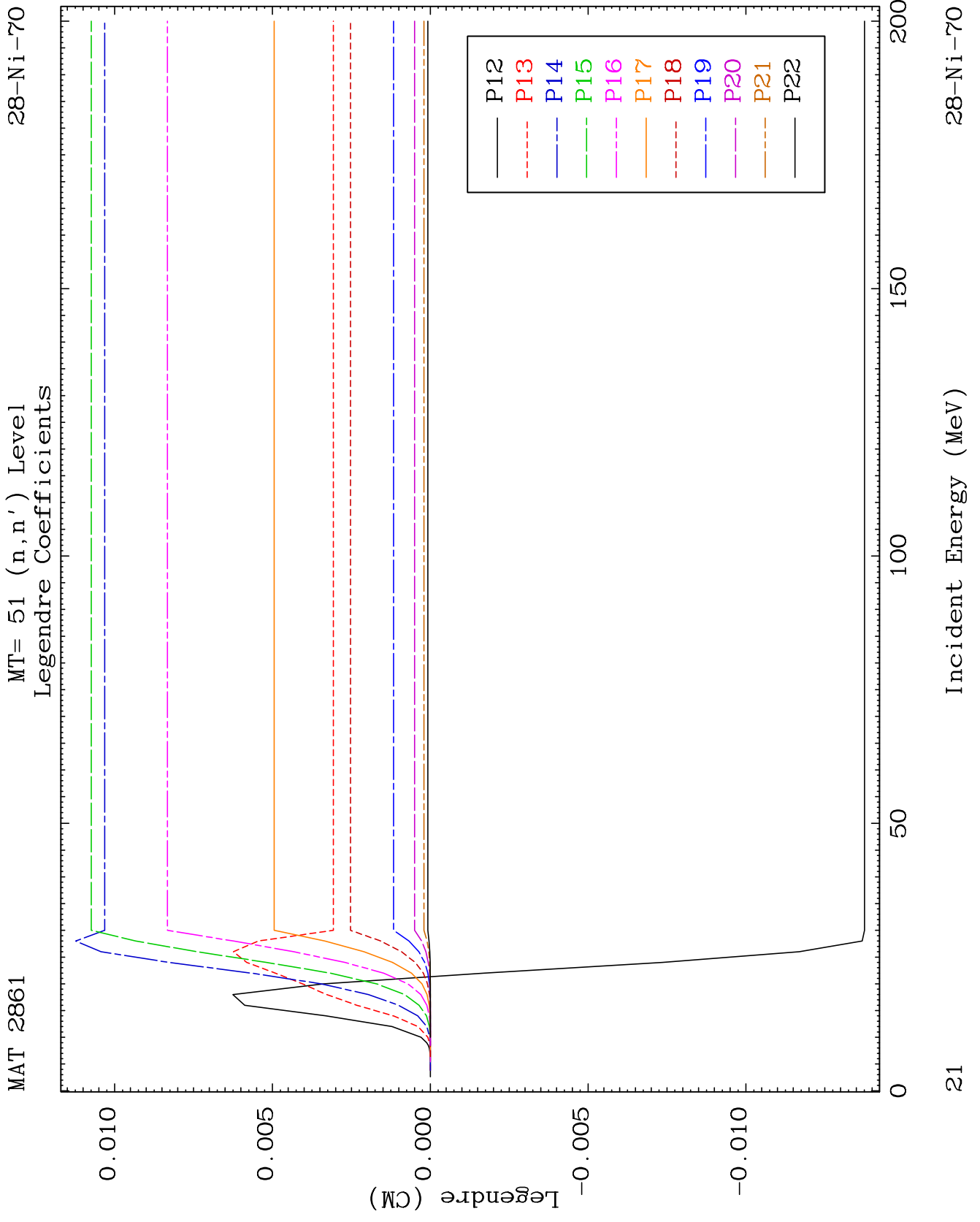








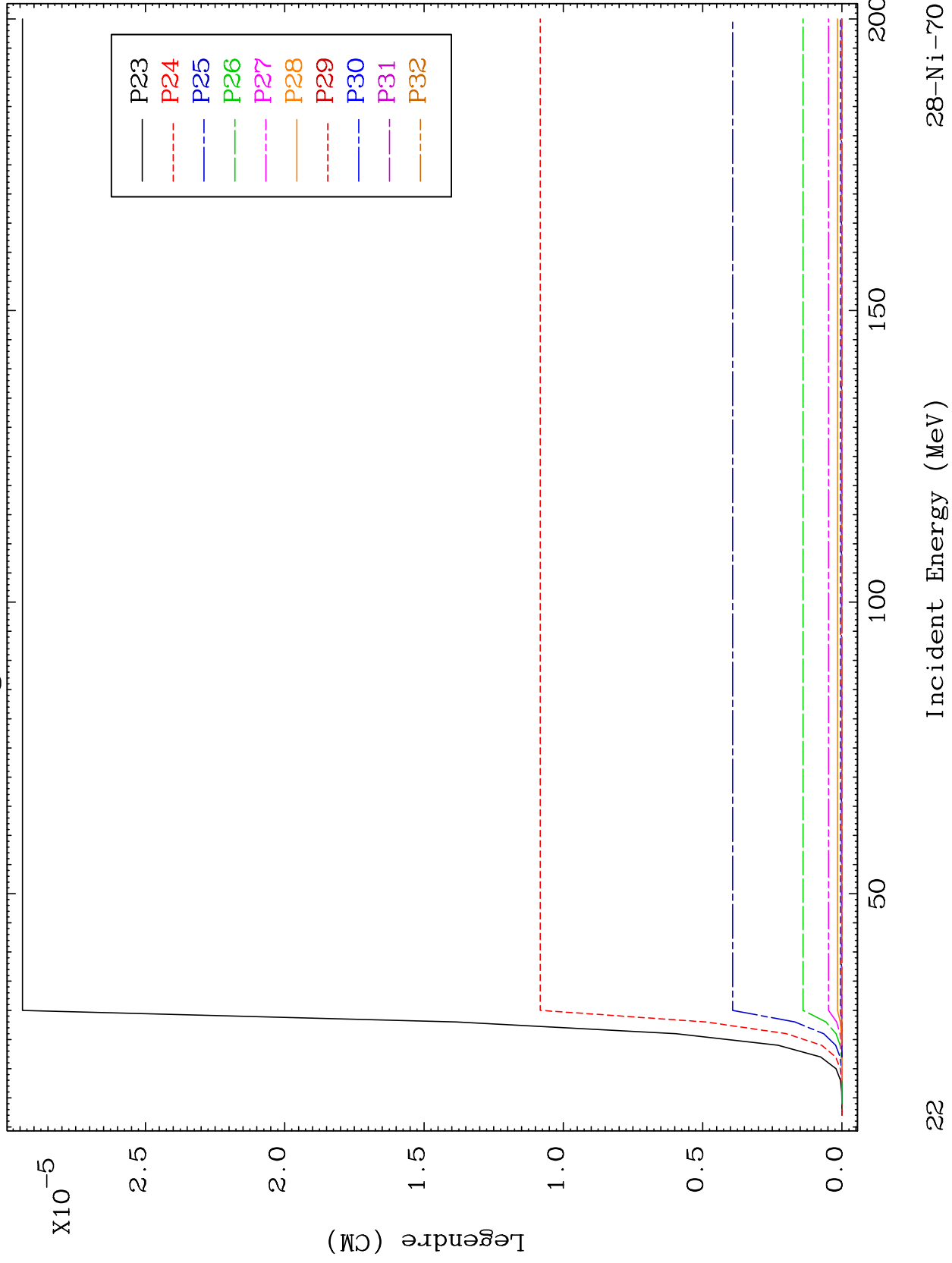




MAT 2861

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

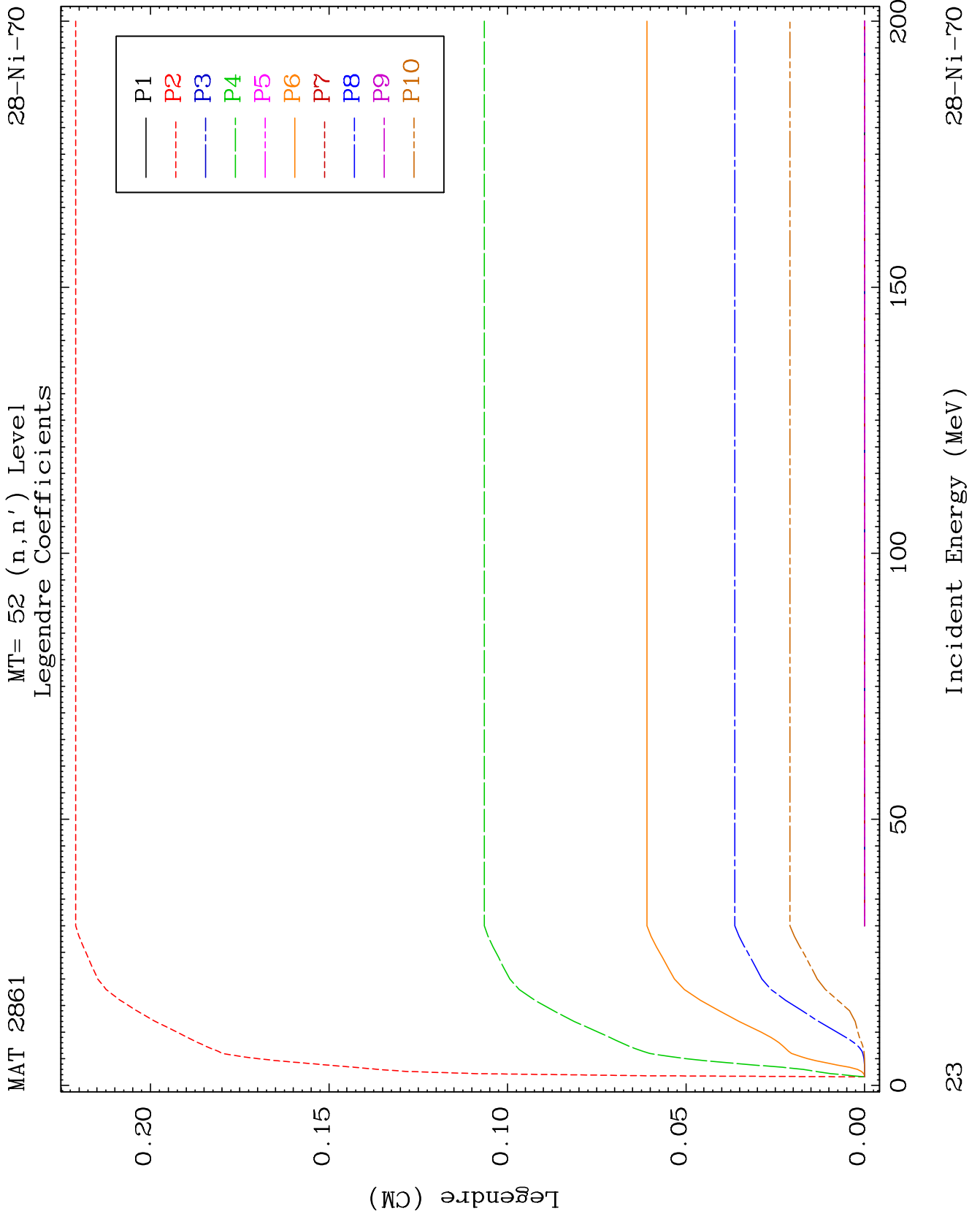
28-Ni-70



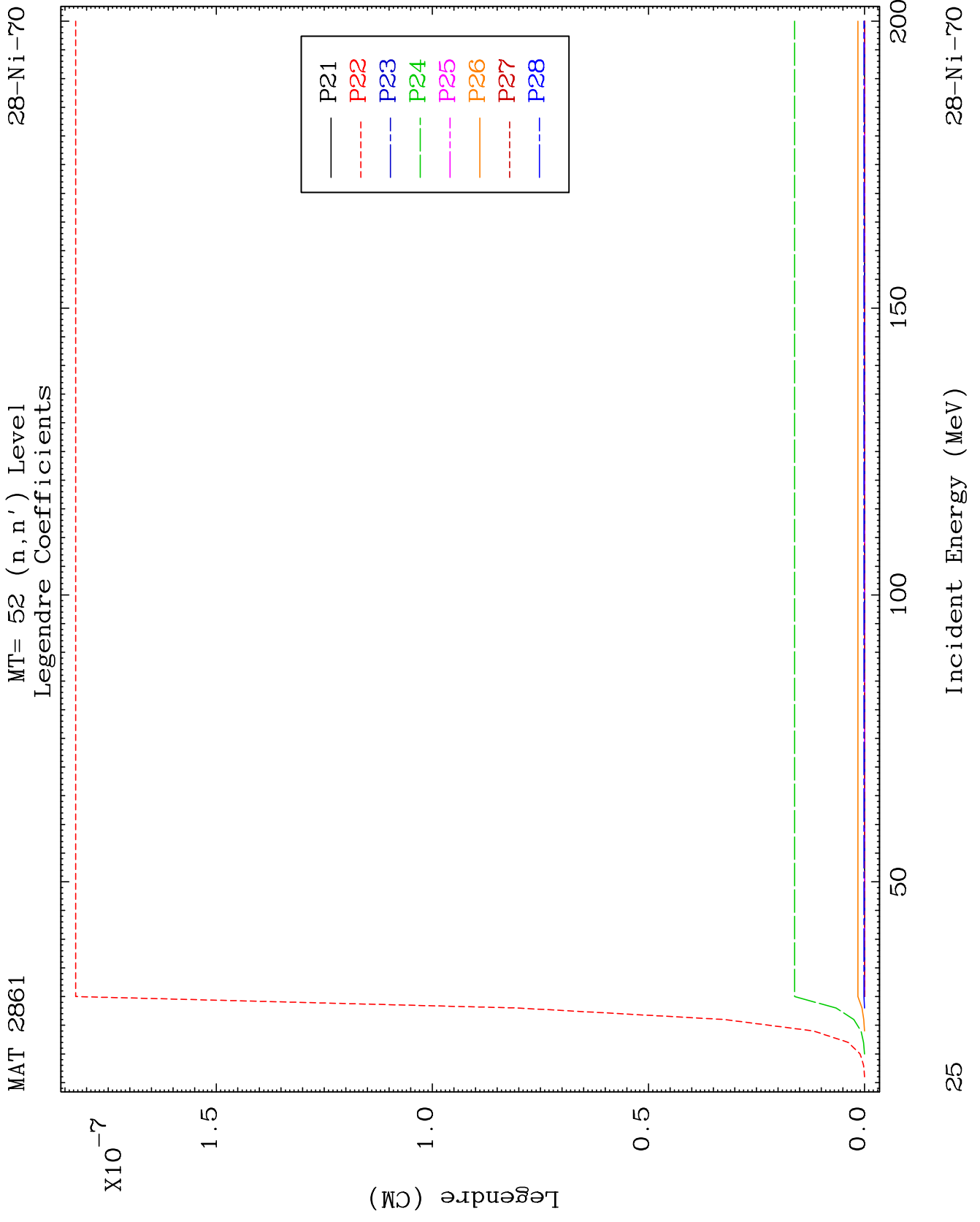
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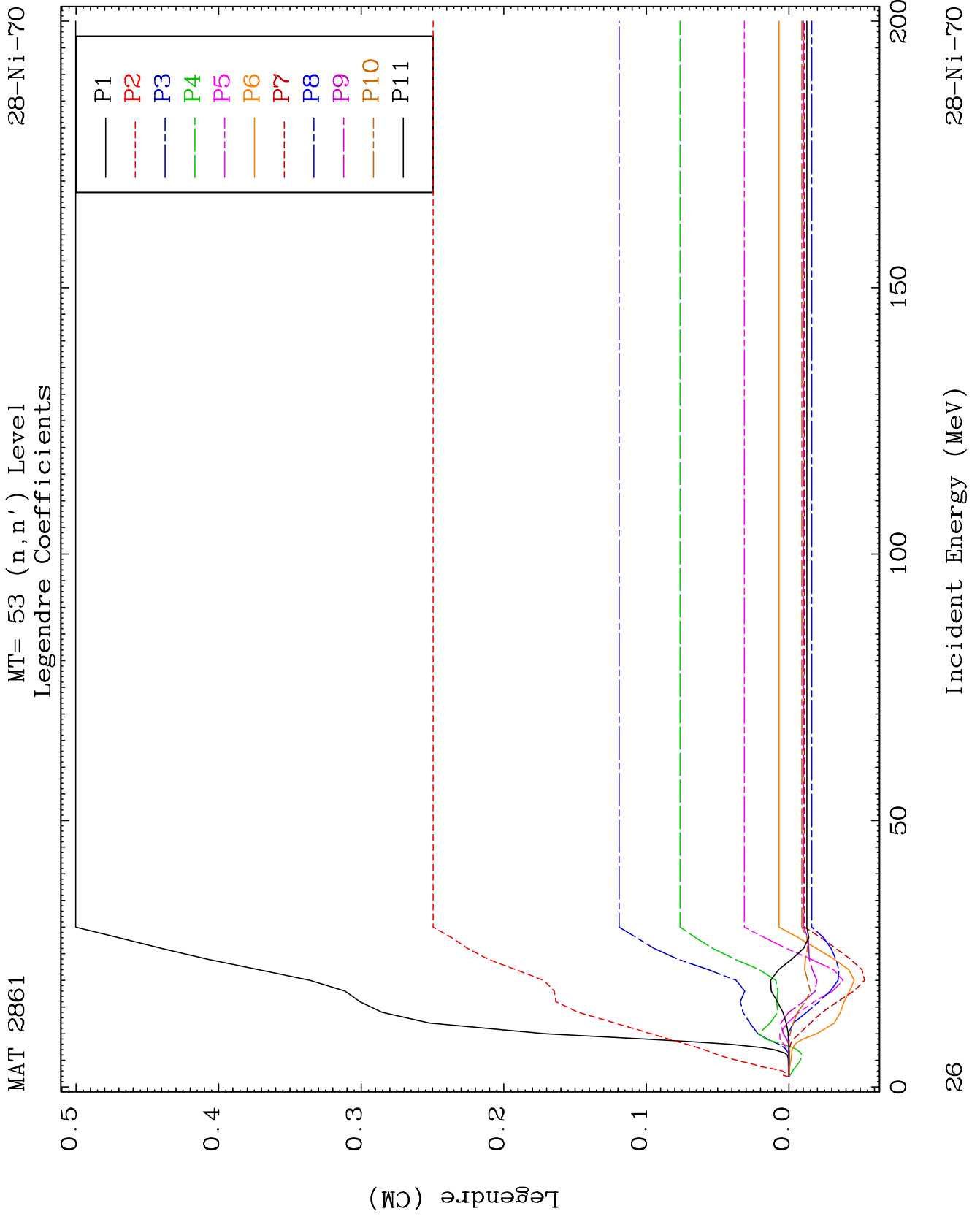
Incident Energy (MeV)

28-Ni-70





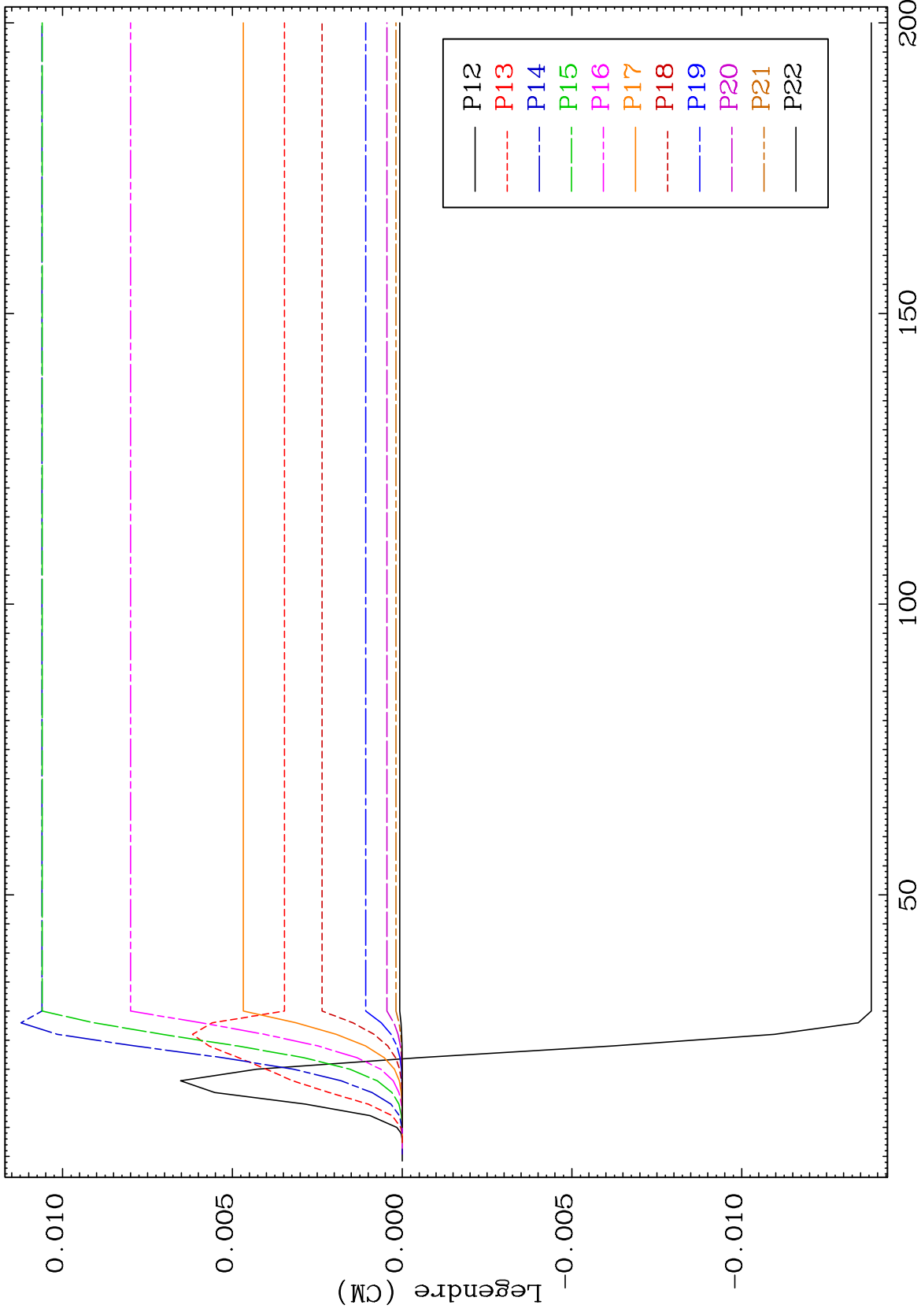




MAT 2861

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

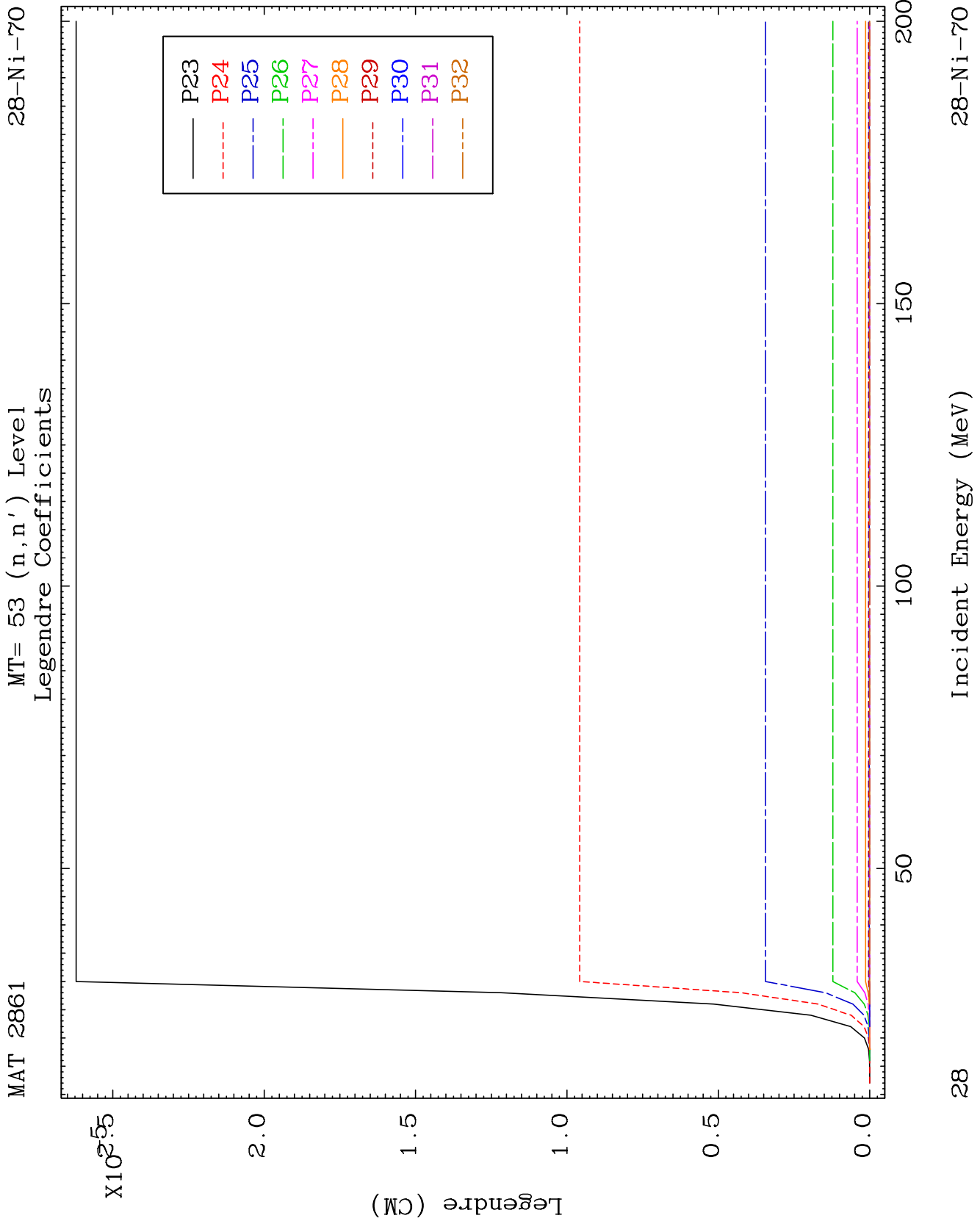
28-Ni-70



27

Incident Energy (MeV)

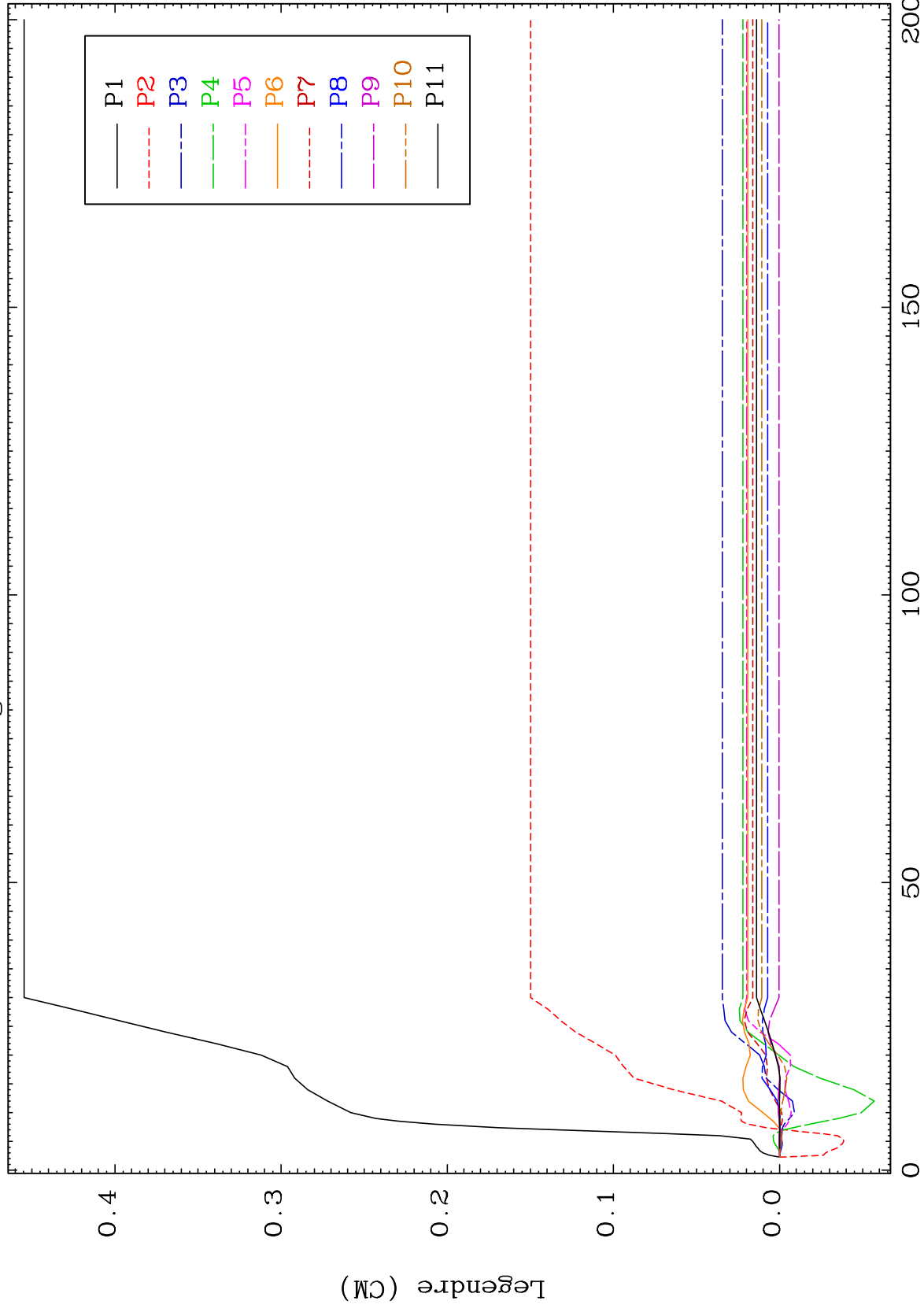
28-Ni-70



MAT 2861

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

28-Ni-70



29

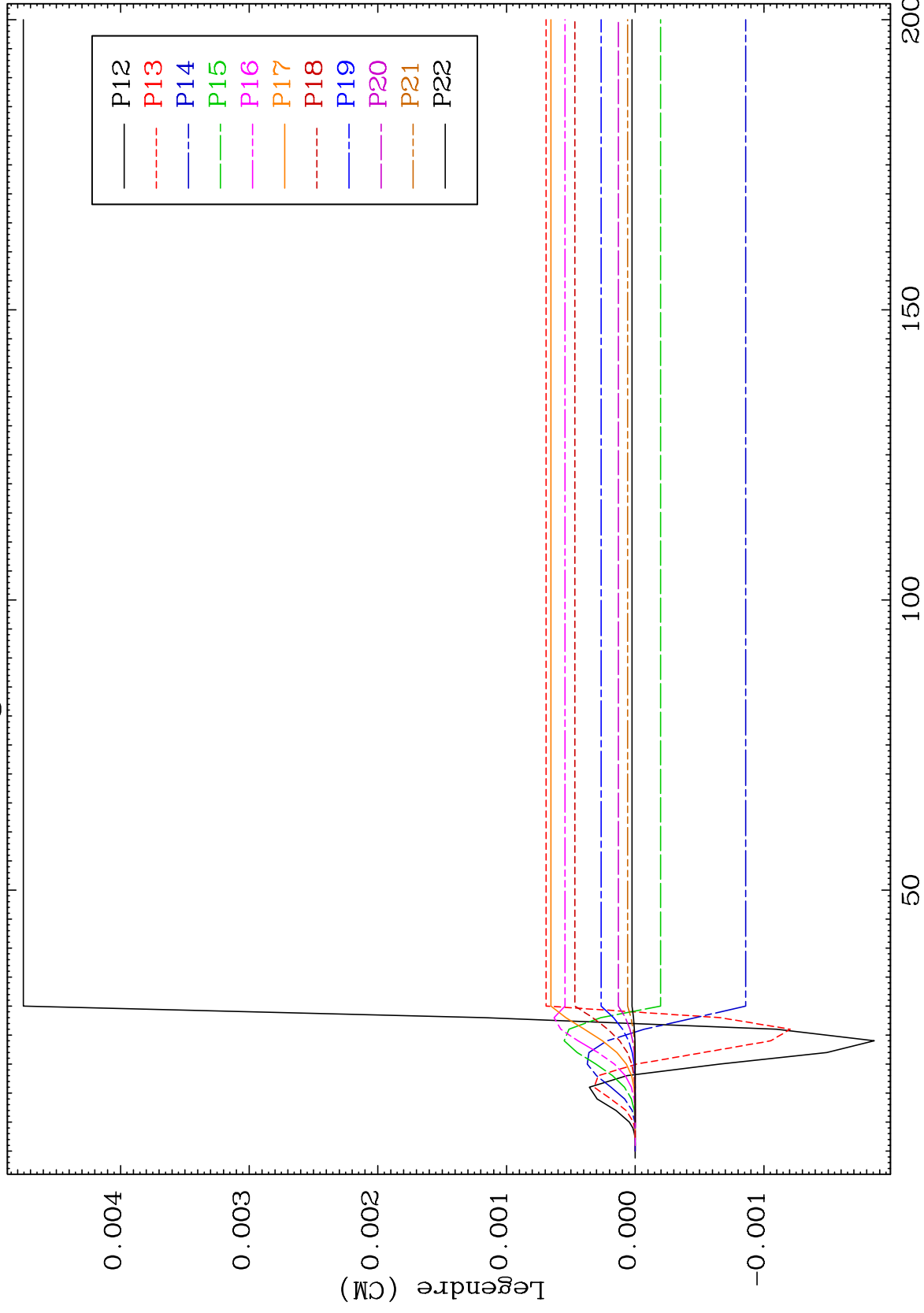
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

28-Ni-70



30

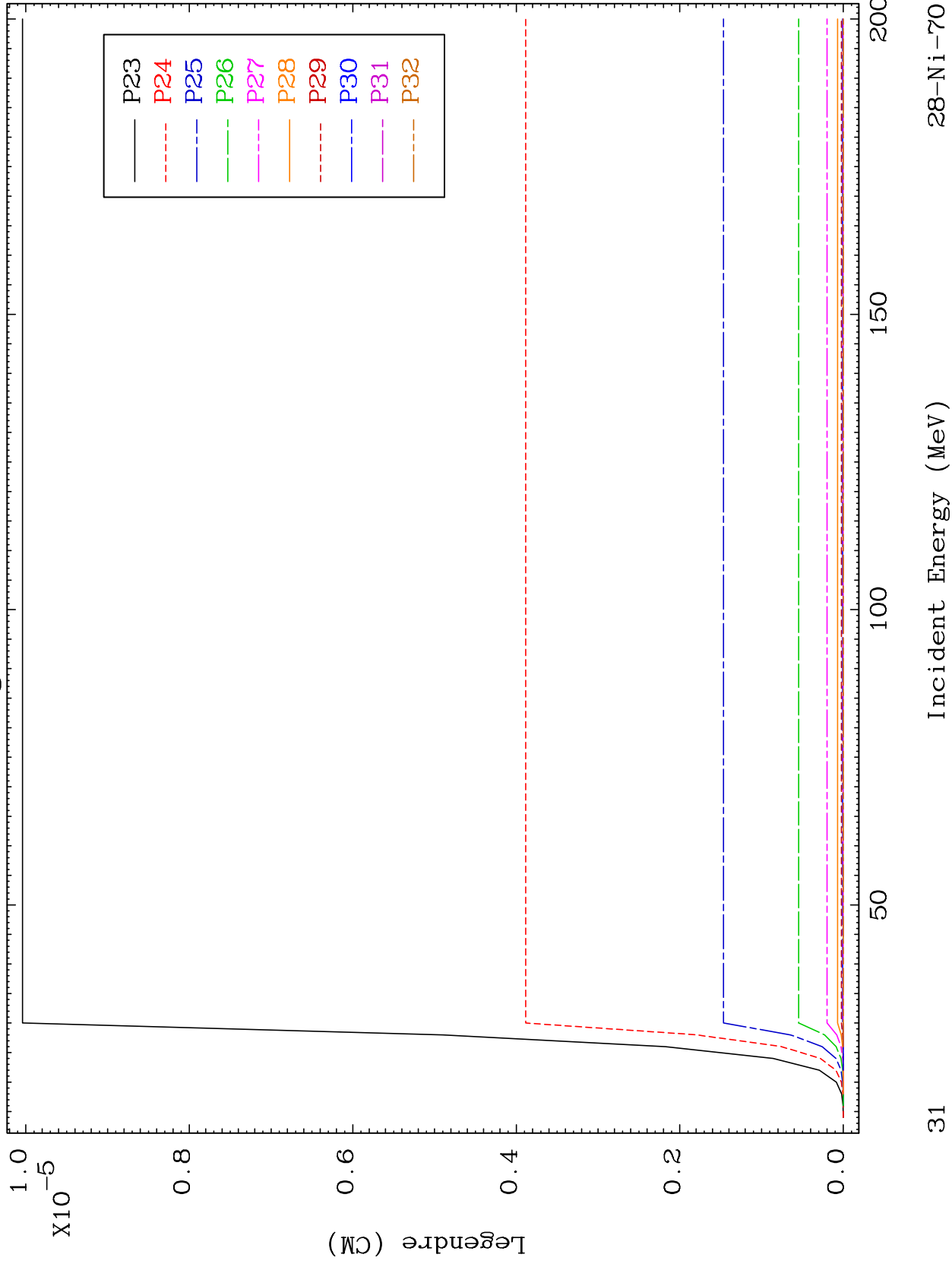
Incident Energy (MeV)

28-Ni-70

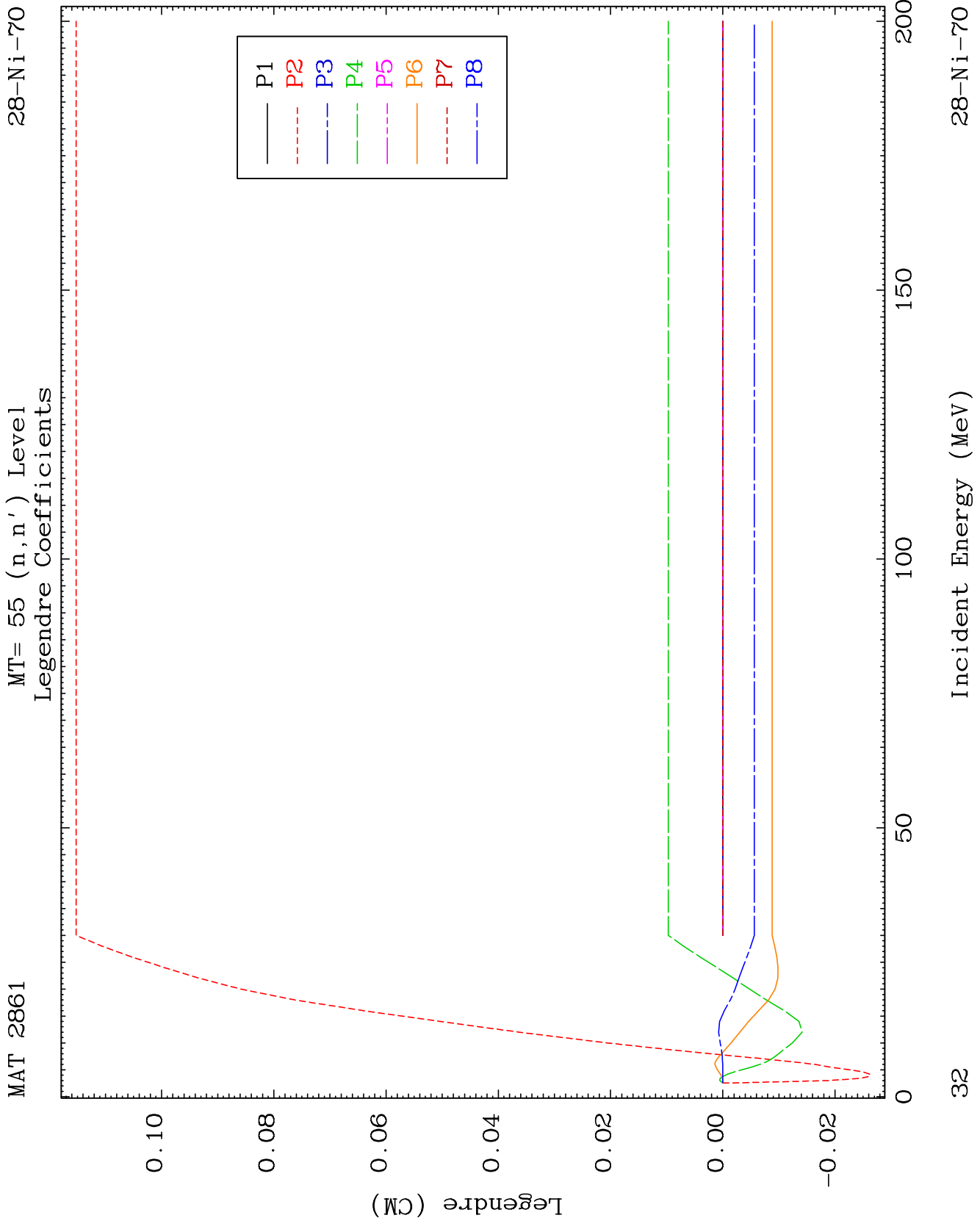
MAT 2861

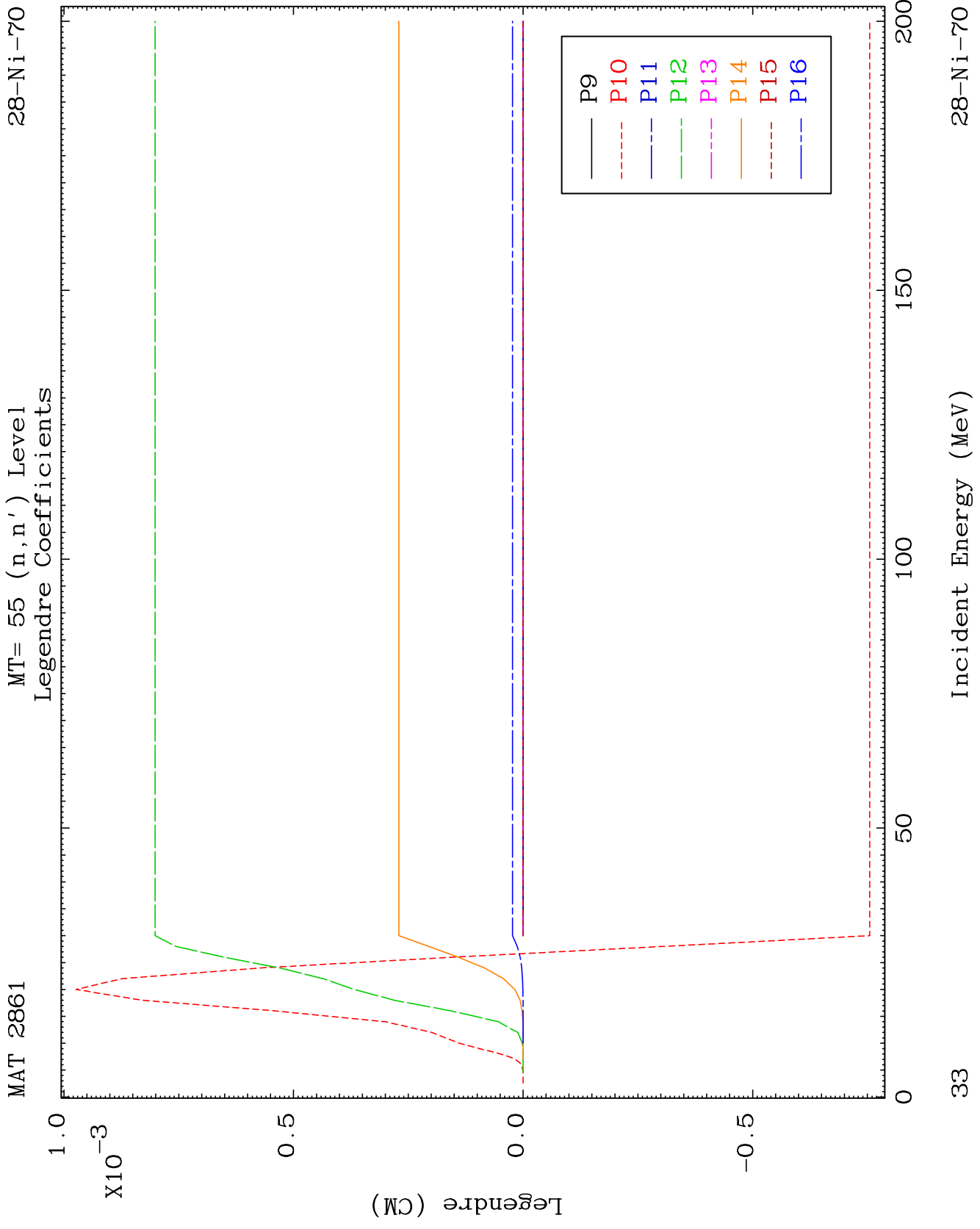
MT= 54 (n,n') Level  
Legendre Coefficients

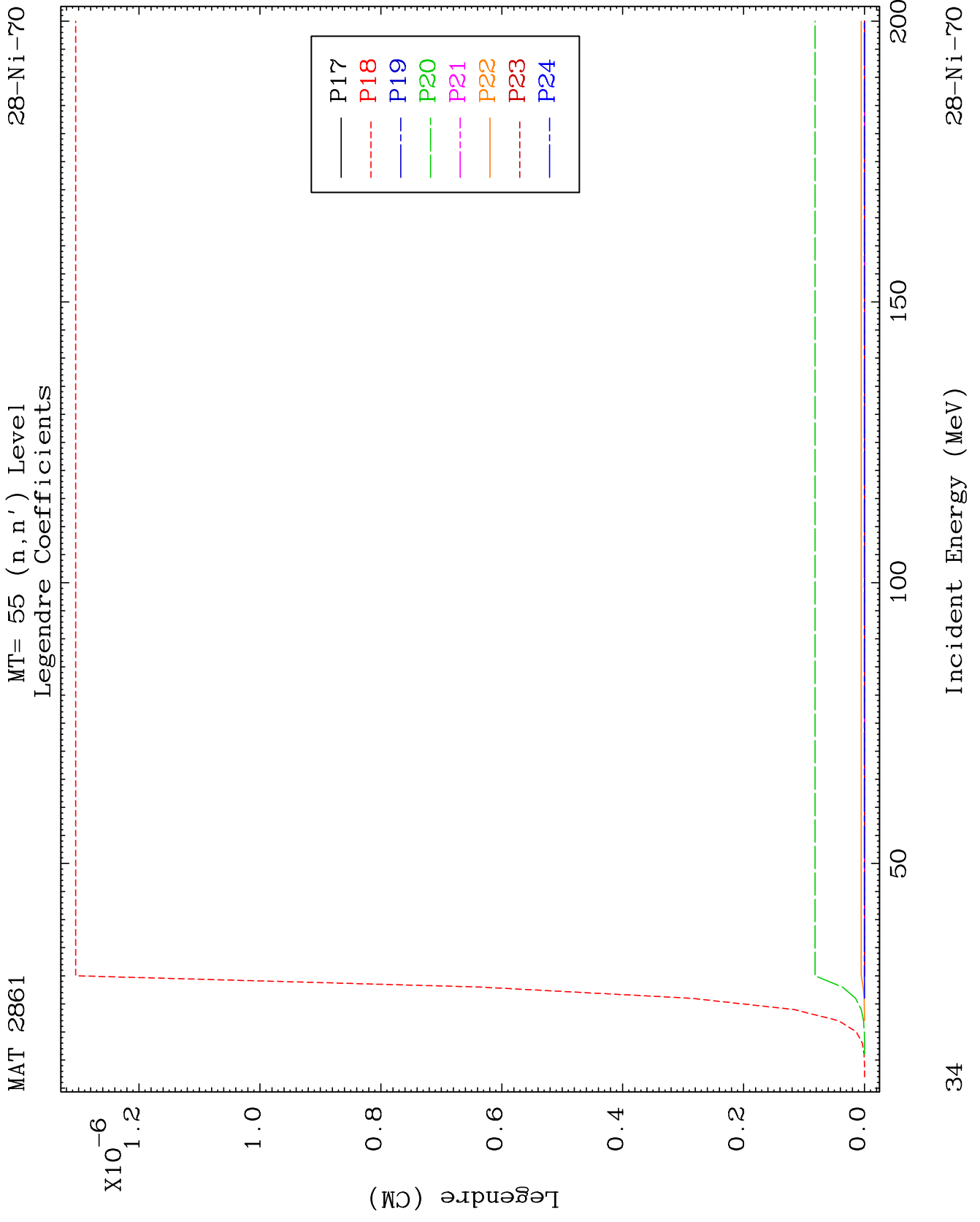
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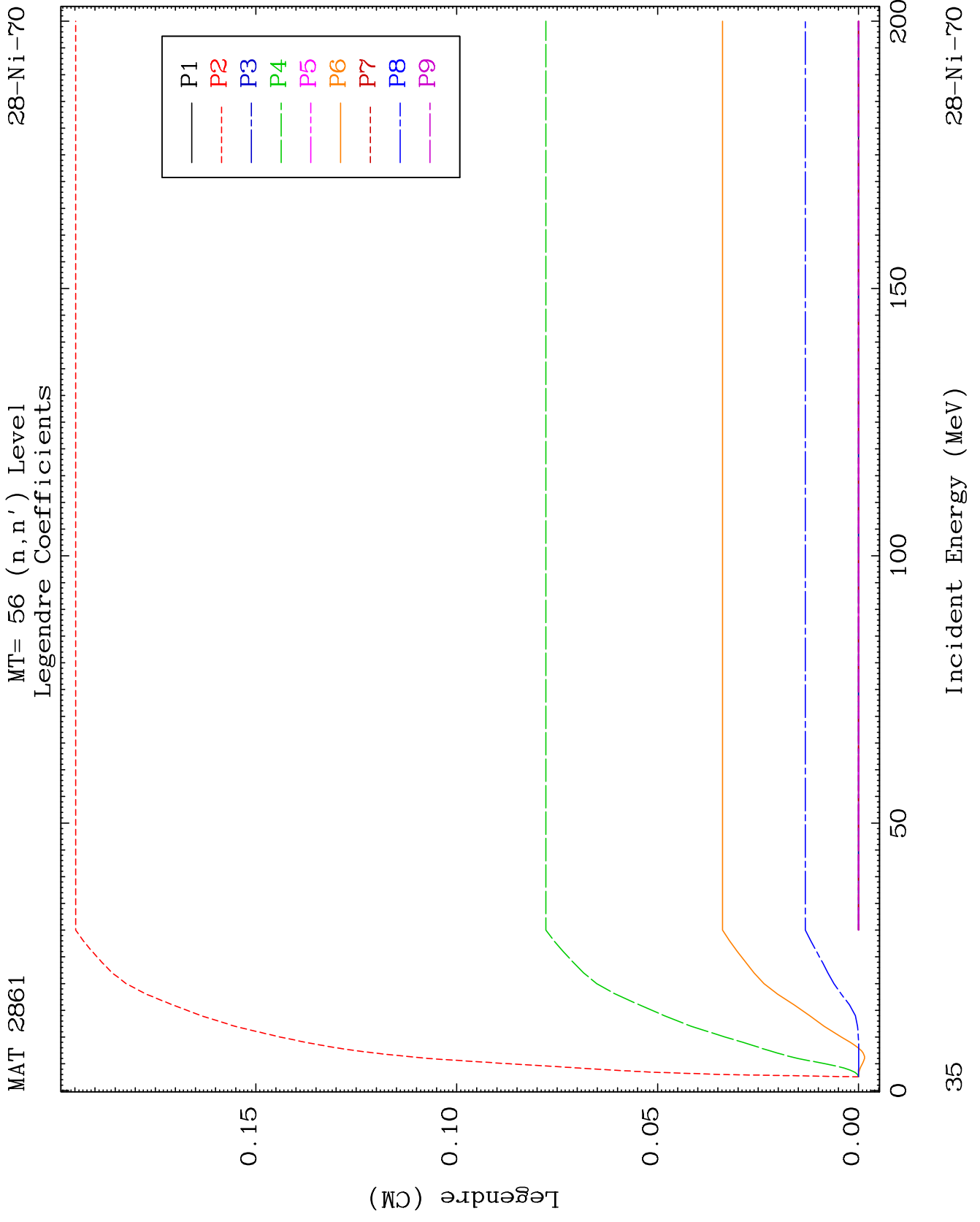


31





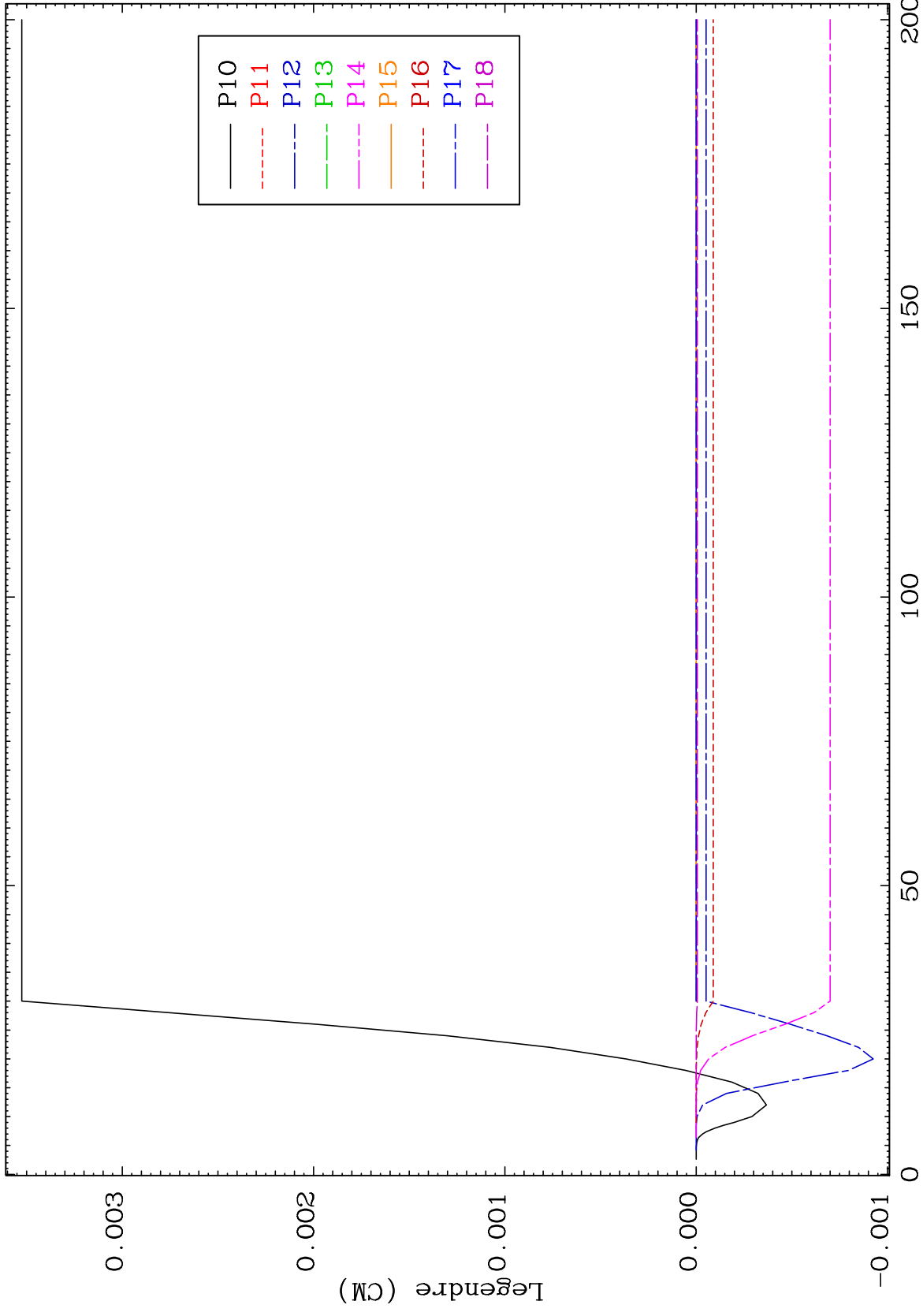




MAT 2861

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

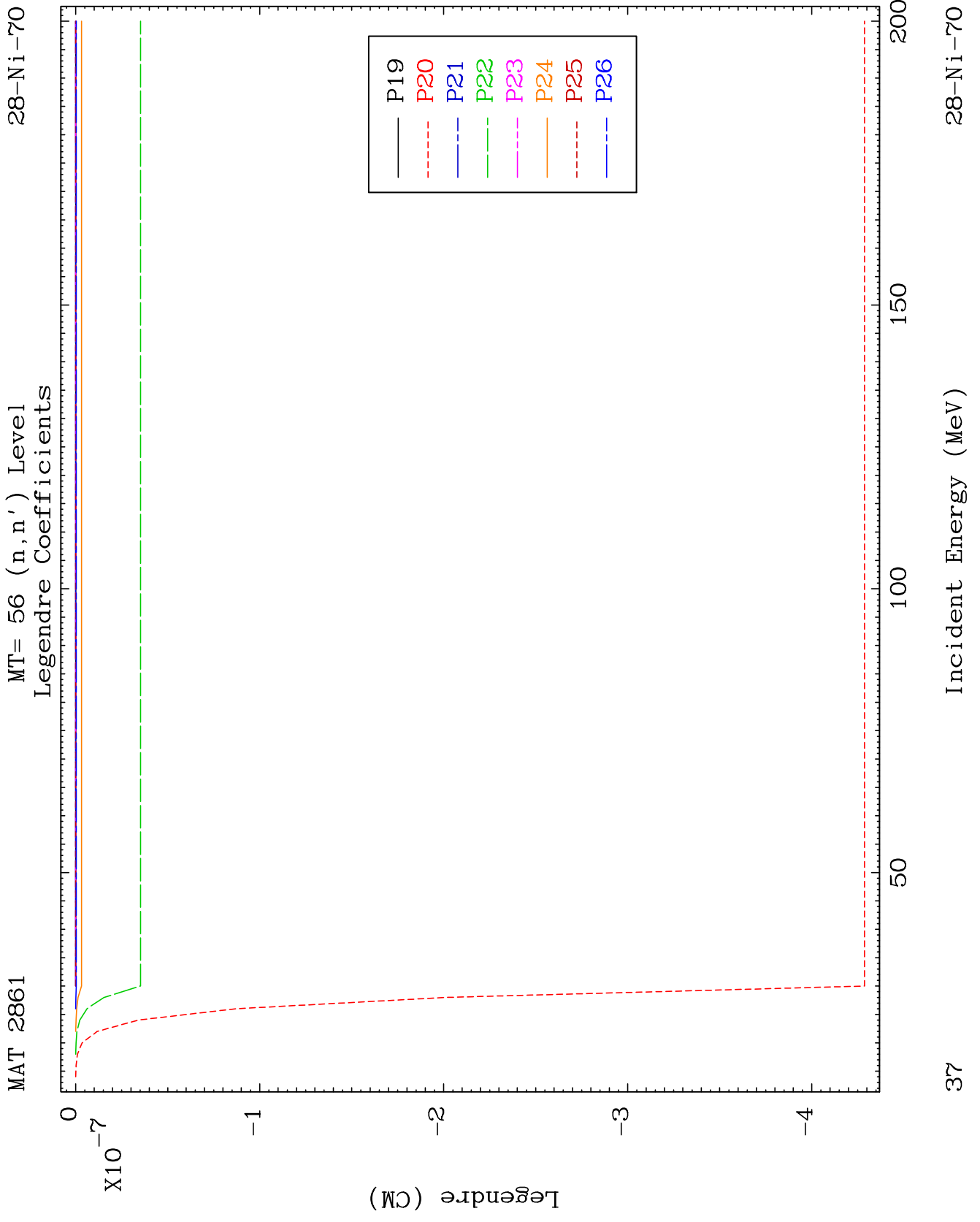
28-Ni-70



36

Incident Energy (MeV)

28-Ni-70

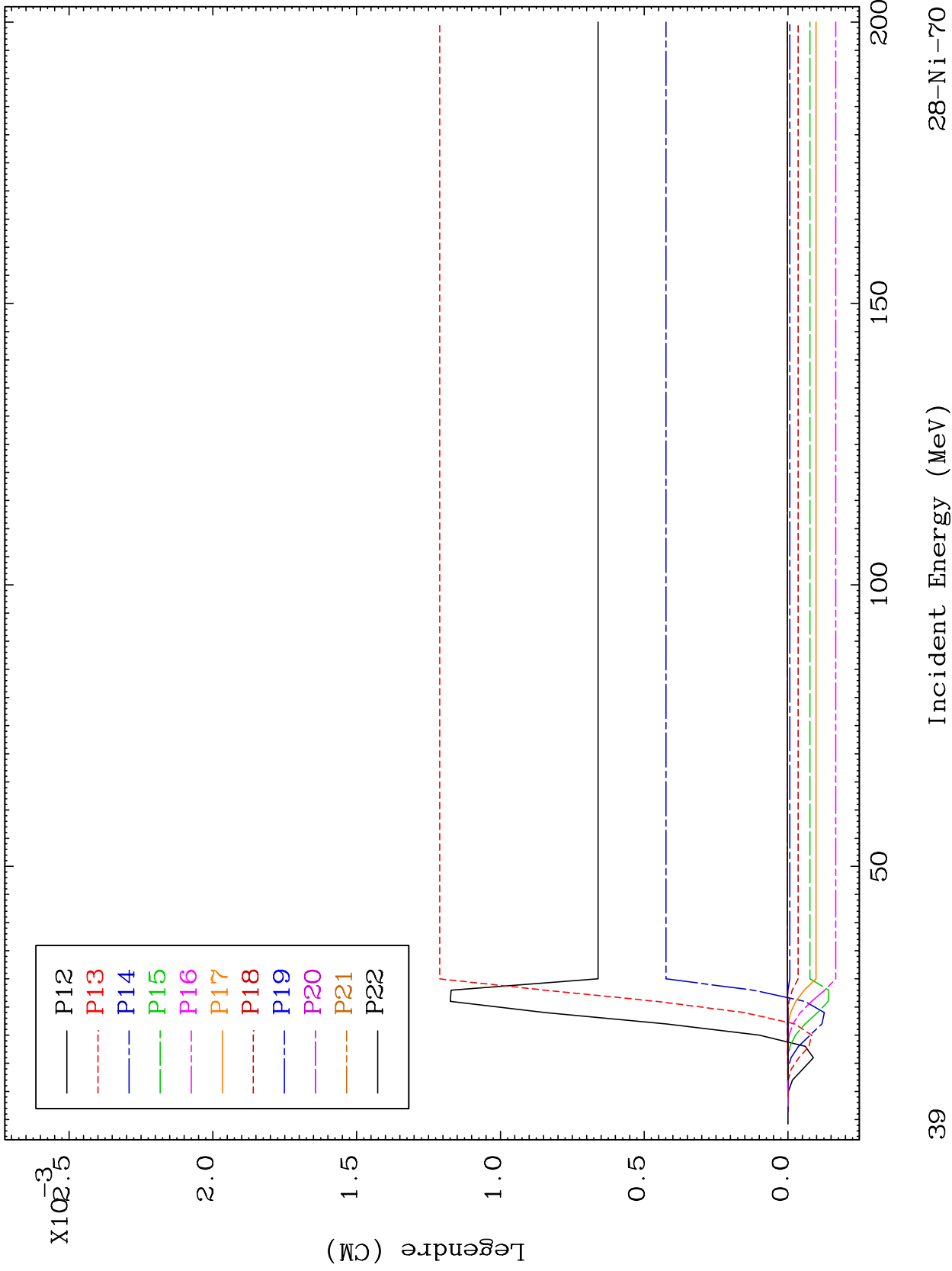


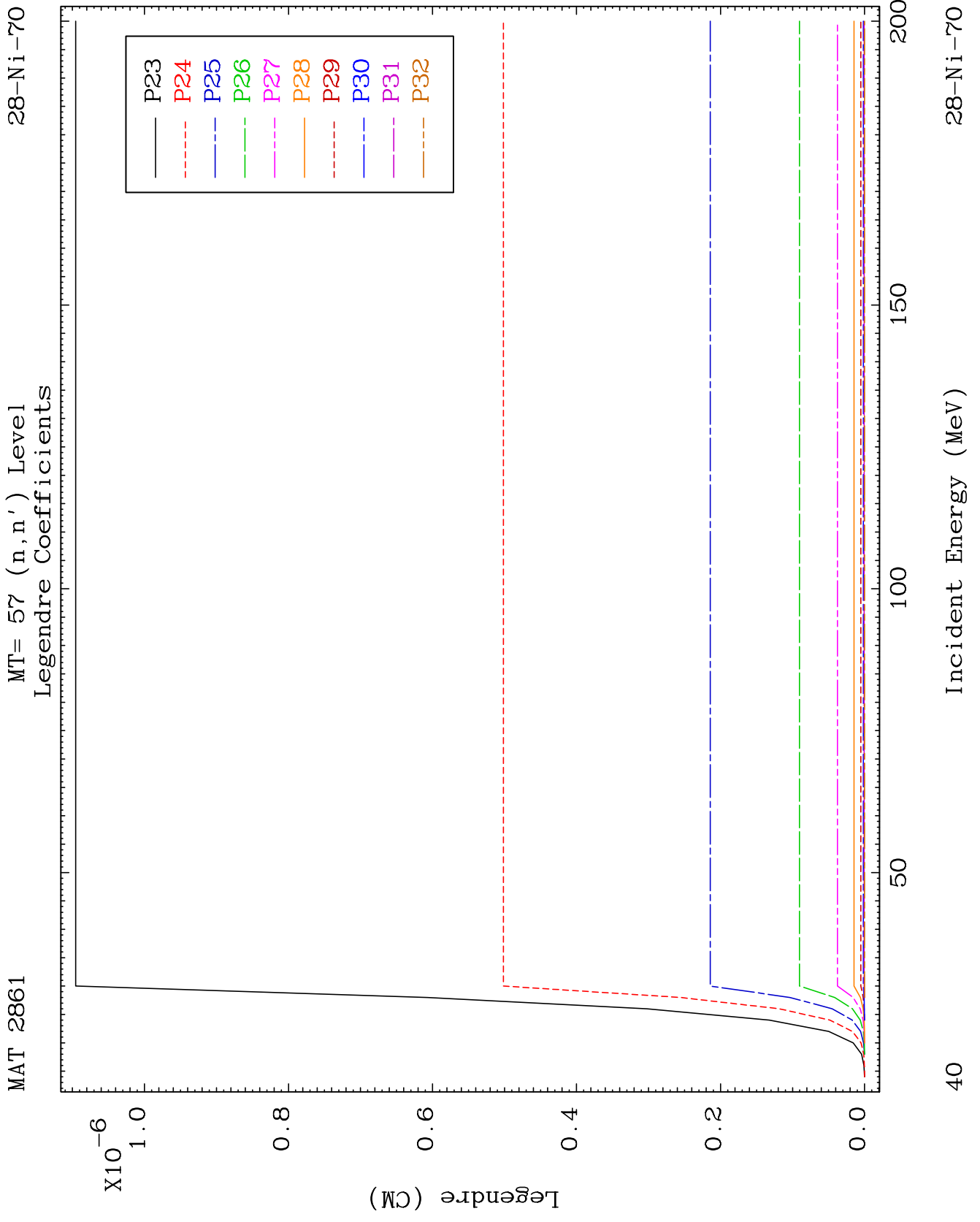


MAT 2861

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

28-Ni-70

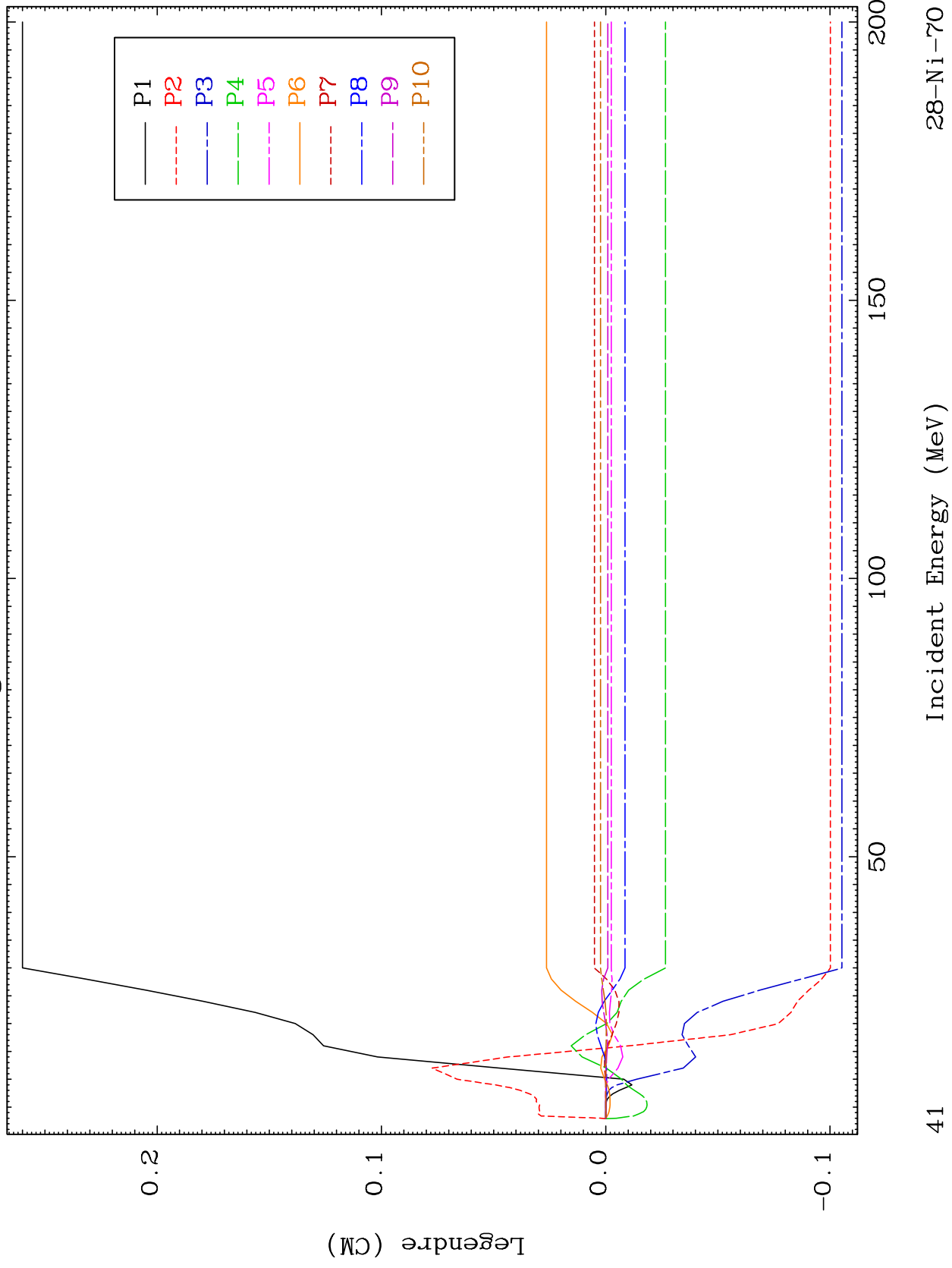




MAT 2861

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

28-Ni-70

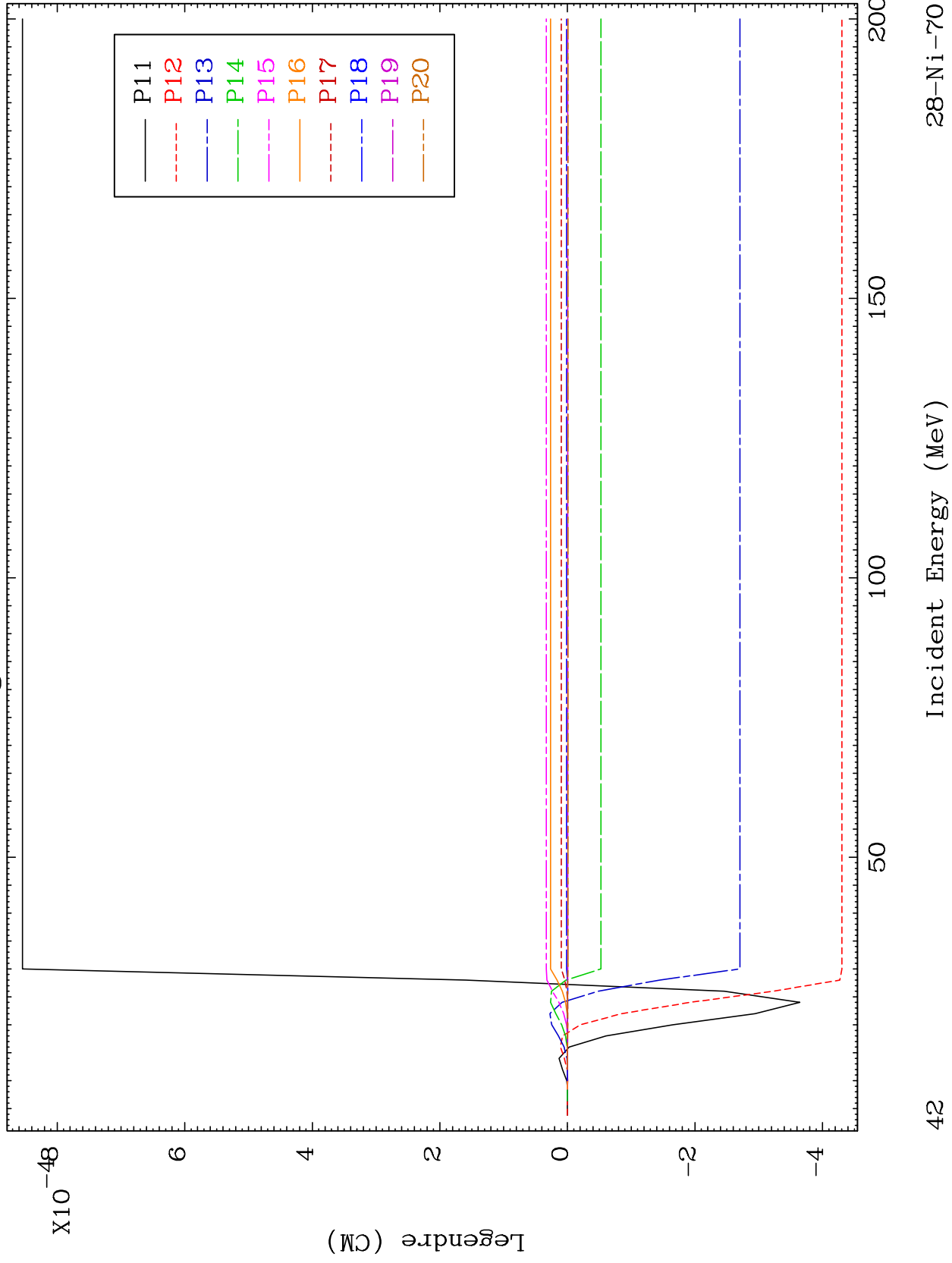


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MAT 2861

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

28-Ni-70

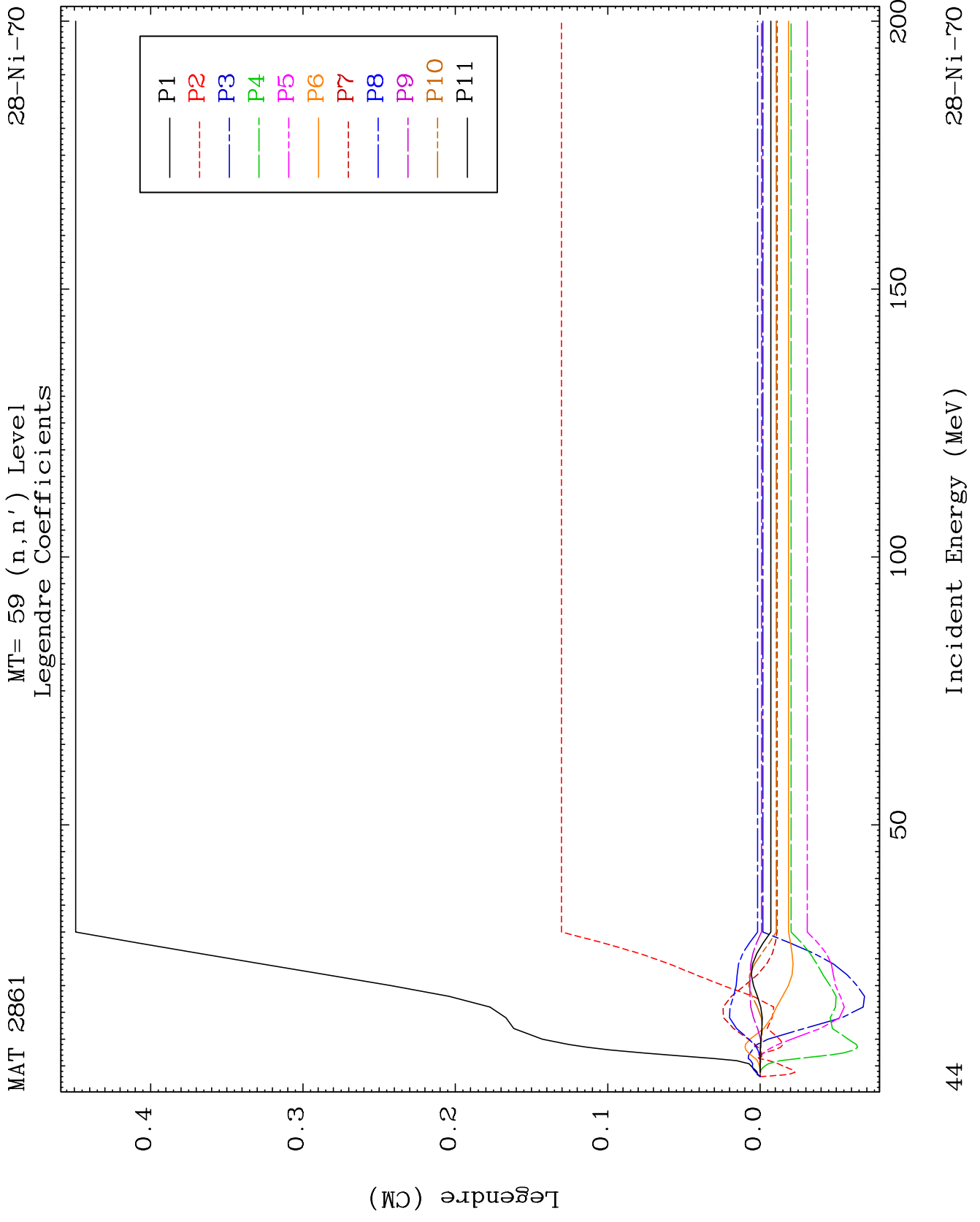


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Incident Energy (MeV)

28-Ni-70

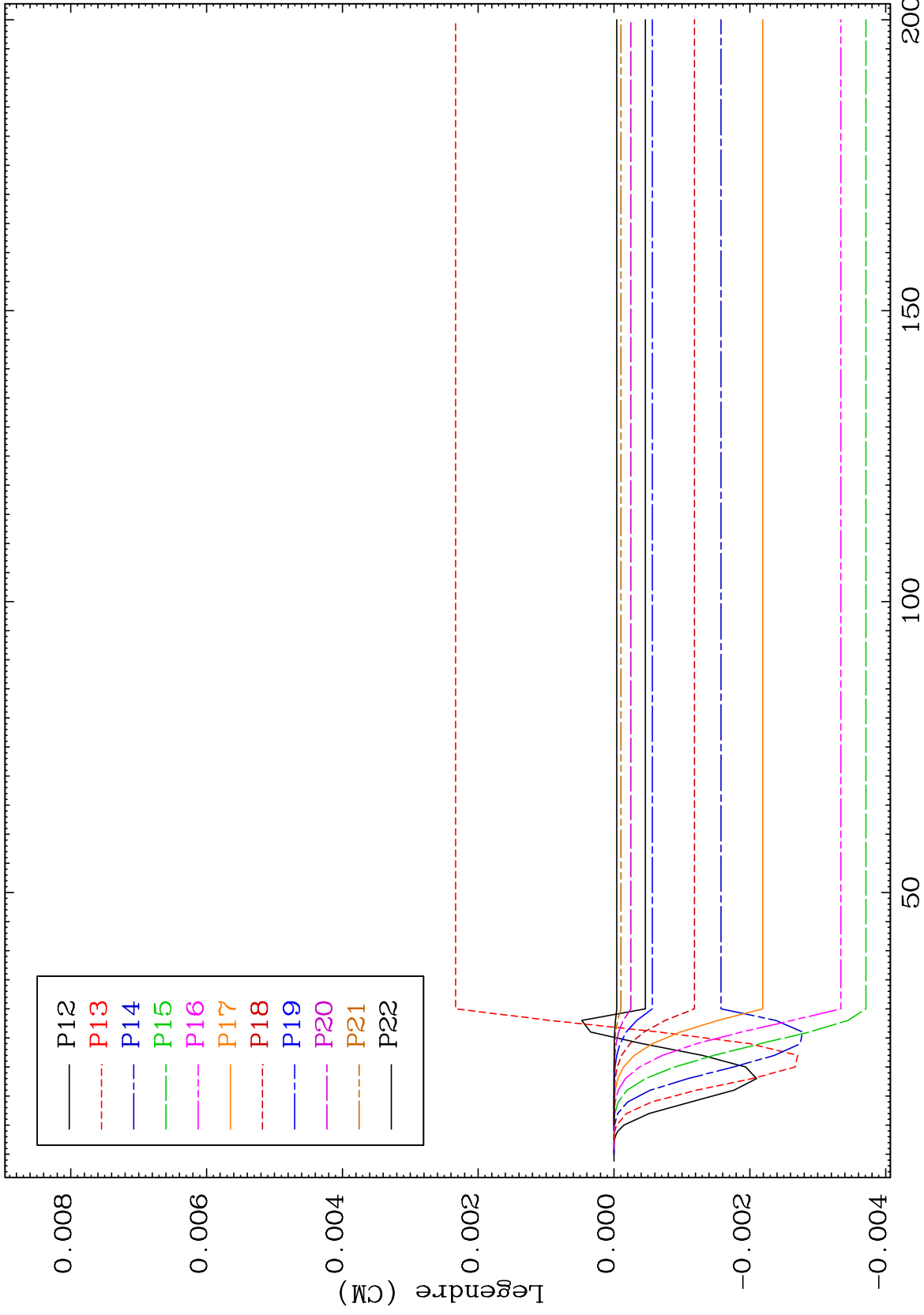




MAT 2861

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

28-Ni-70

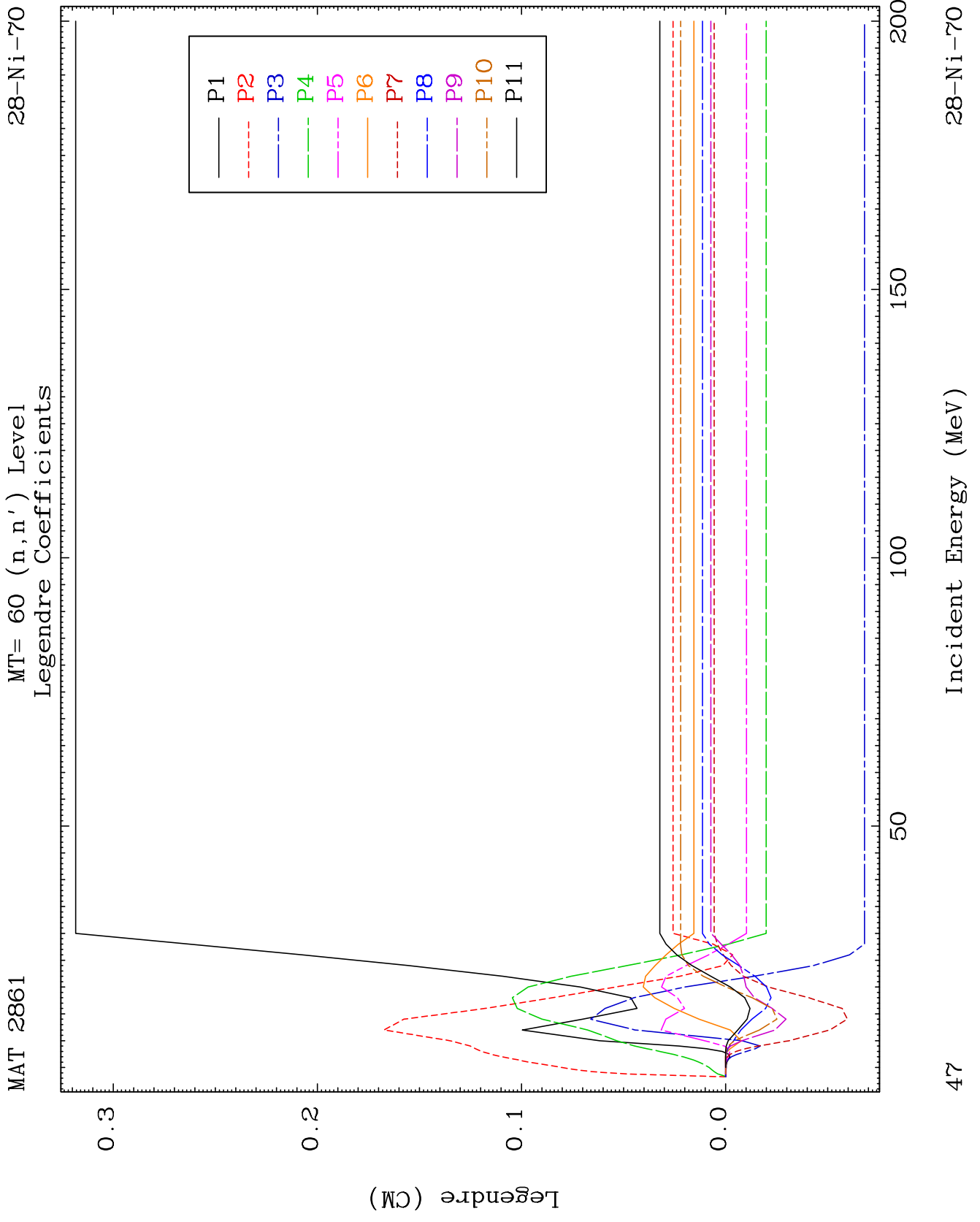


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Incident Energy (MeV)

28-Ni-70

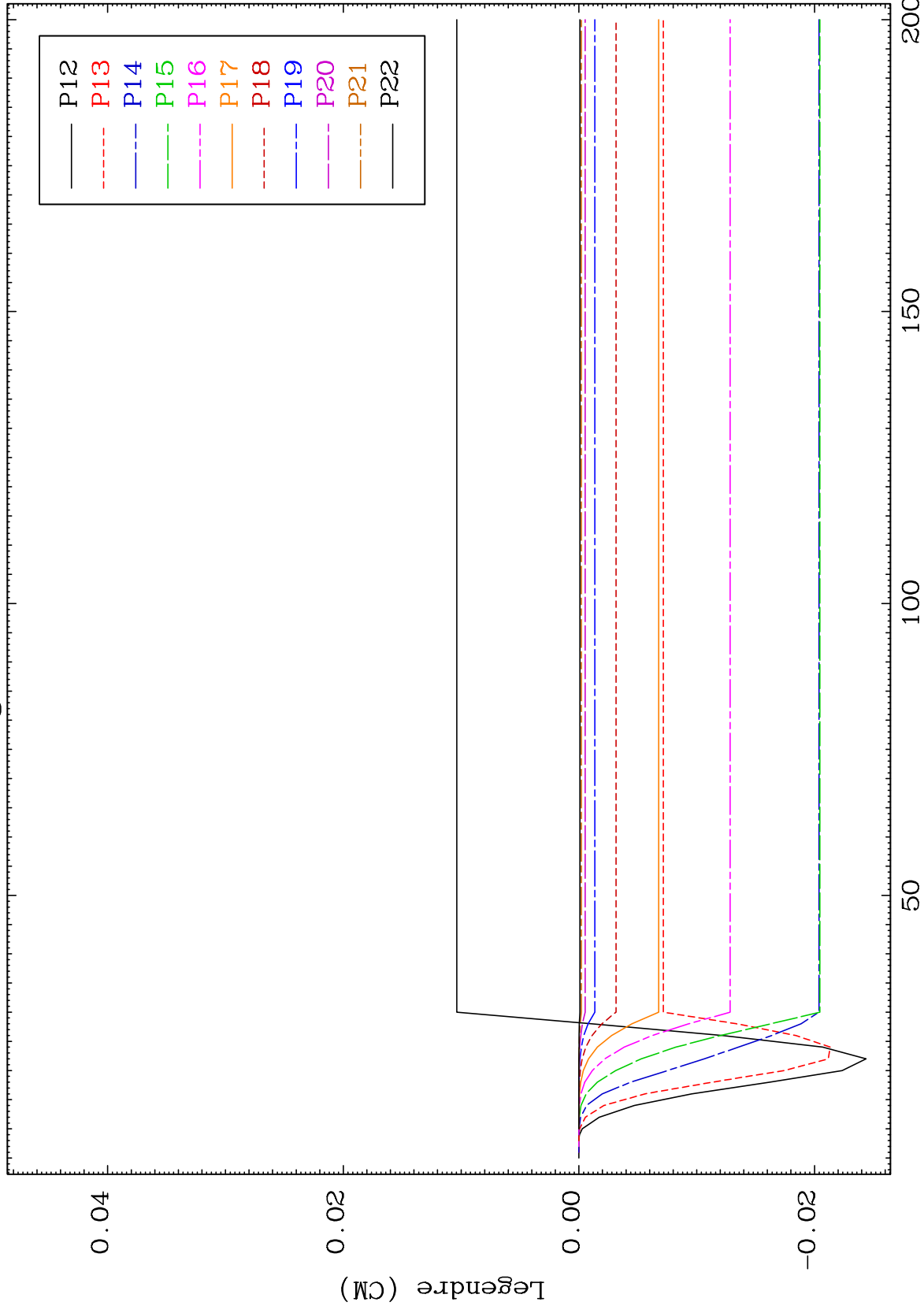




MAT 2861

MT= 60 (n,n') Level  
Legendre Coefficients

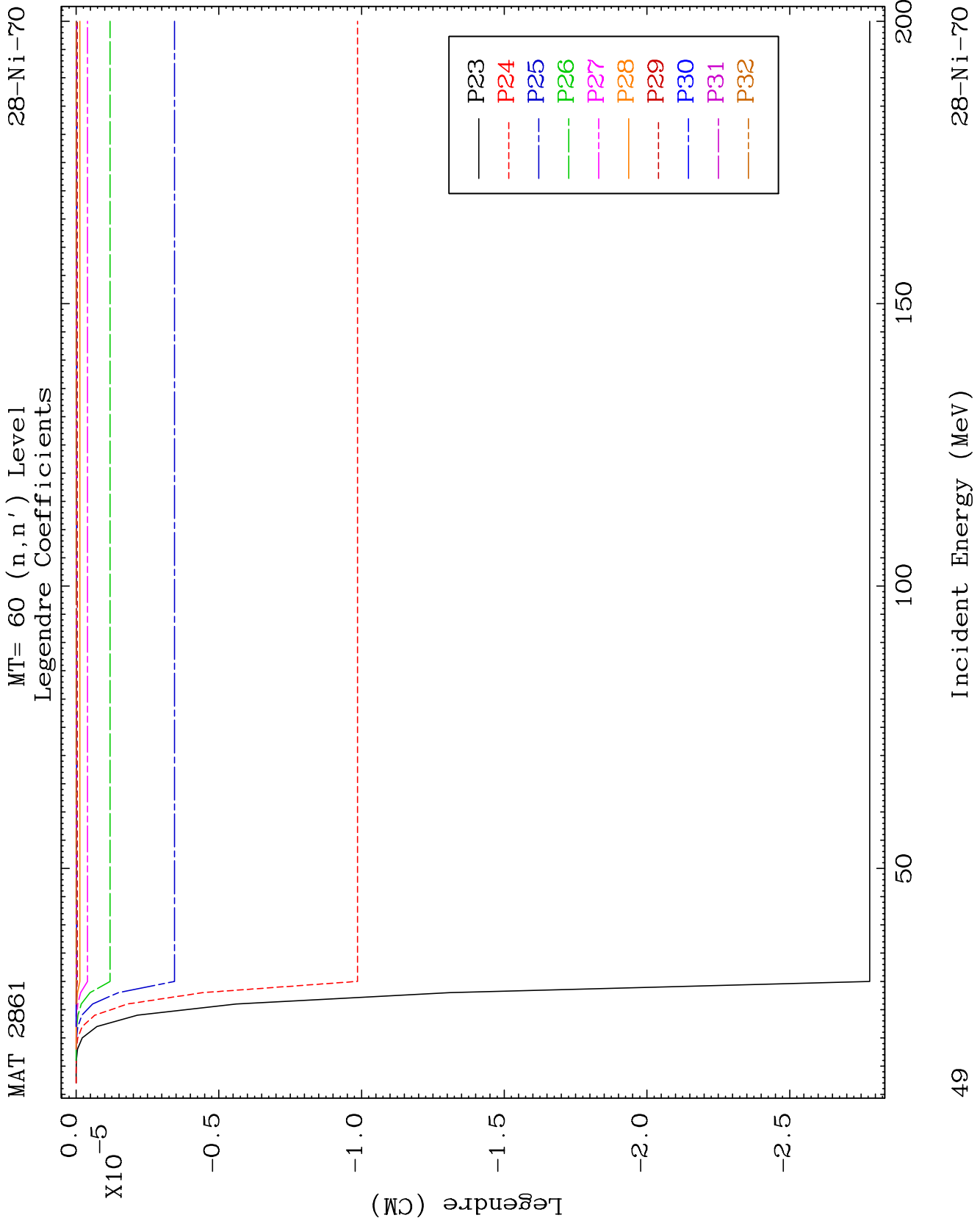
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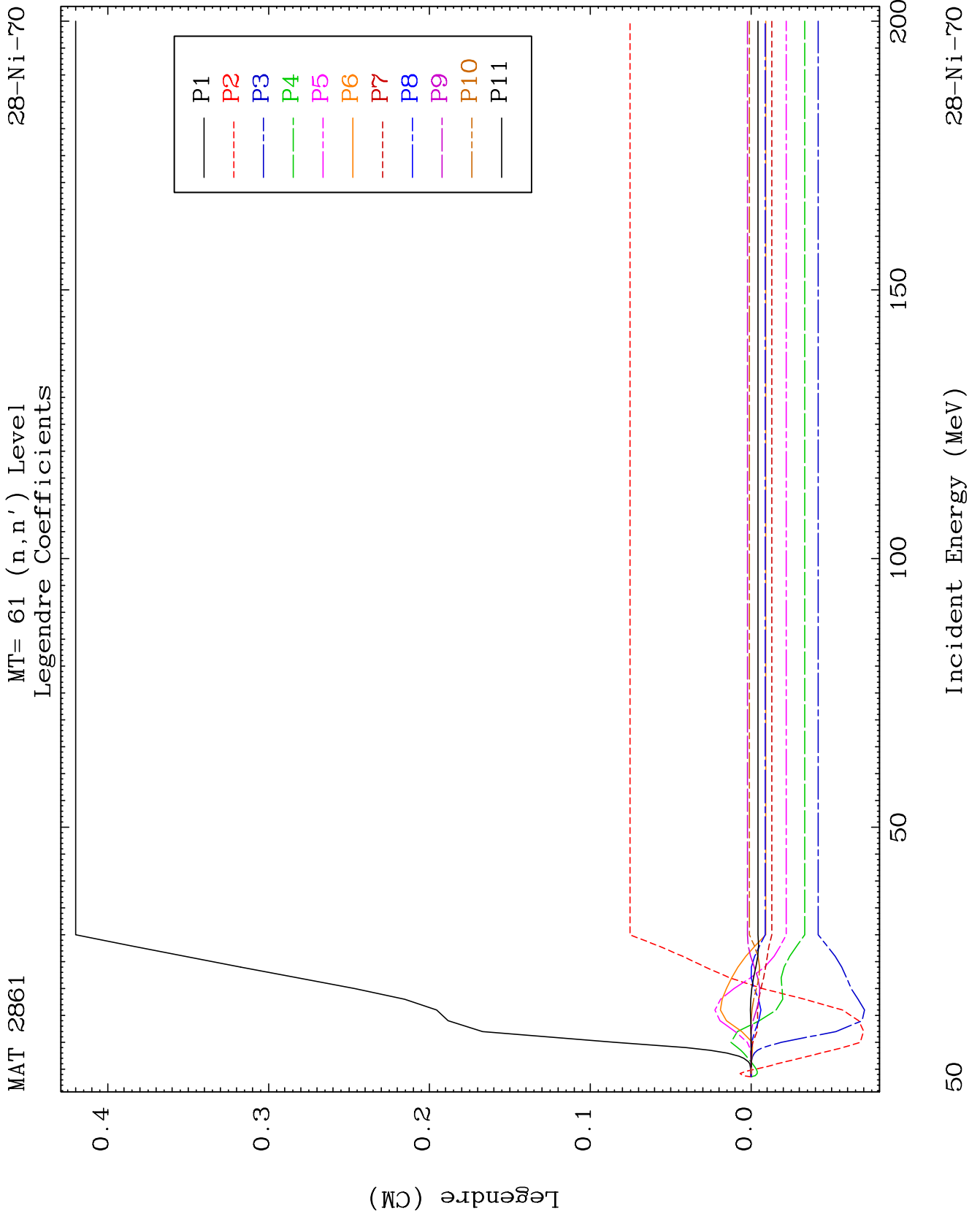


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Incident Energy (MeV)

28-Ni-70

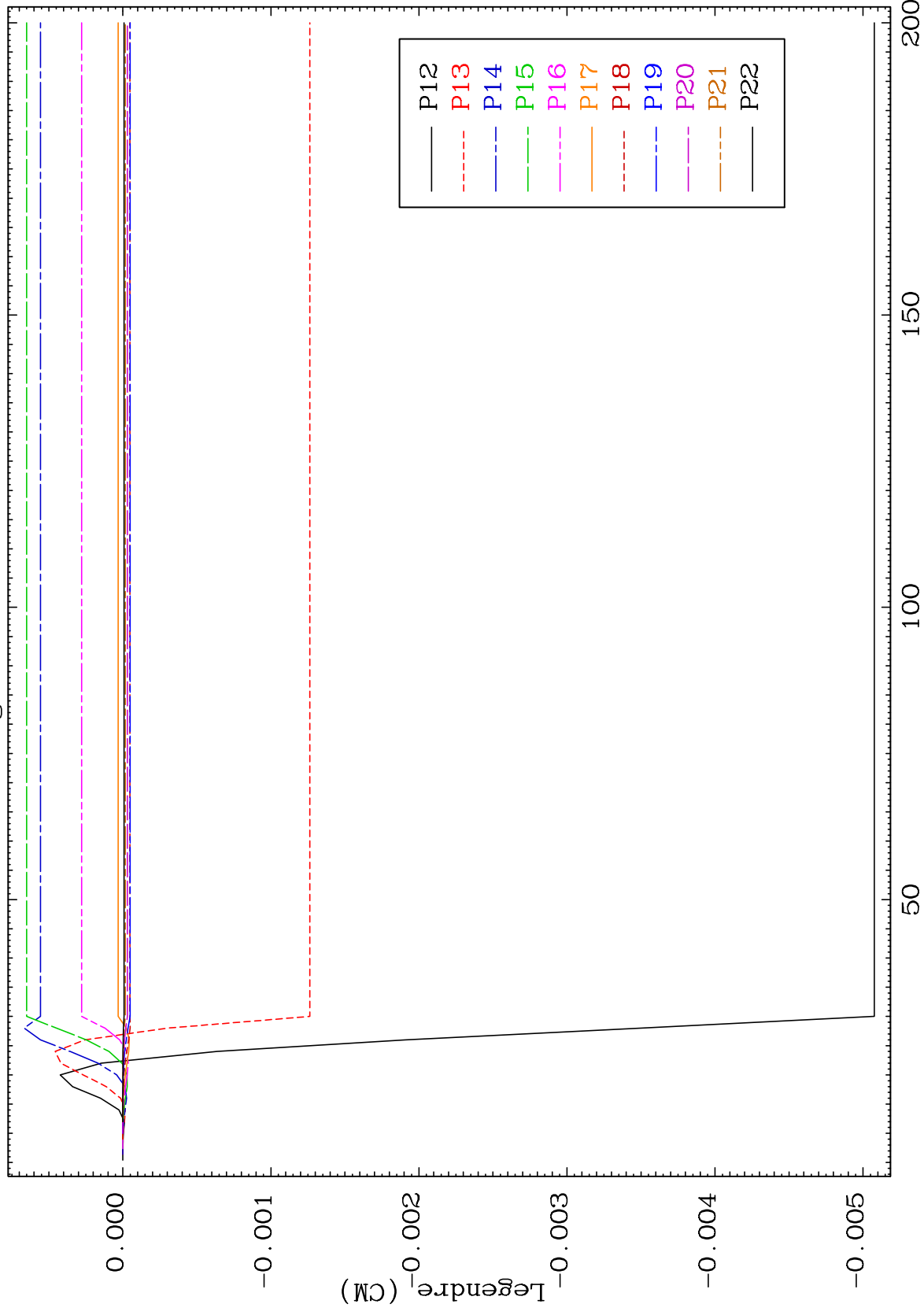




MAT 2861

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

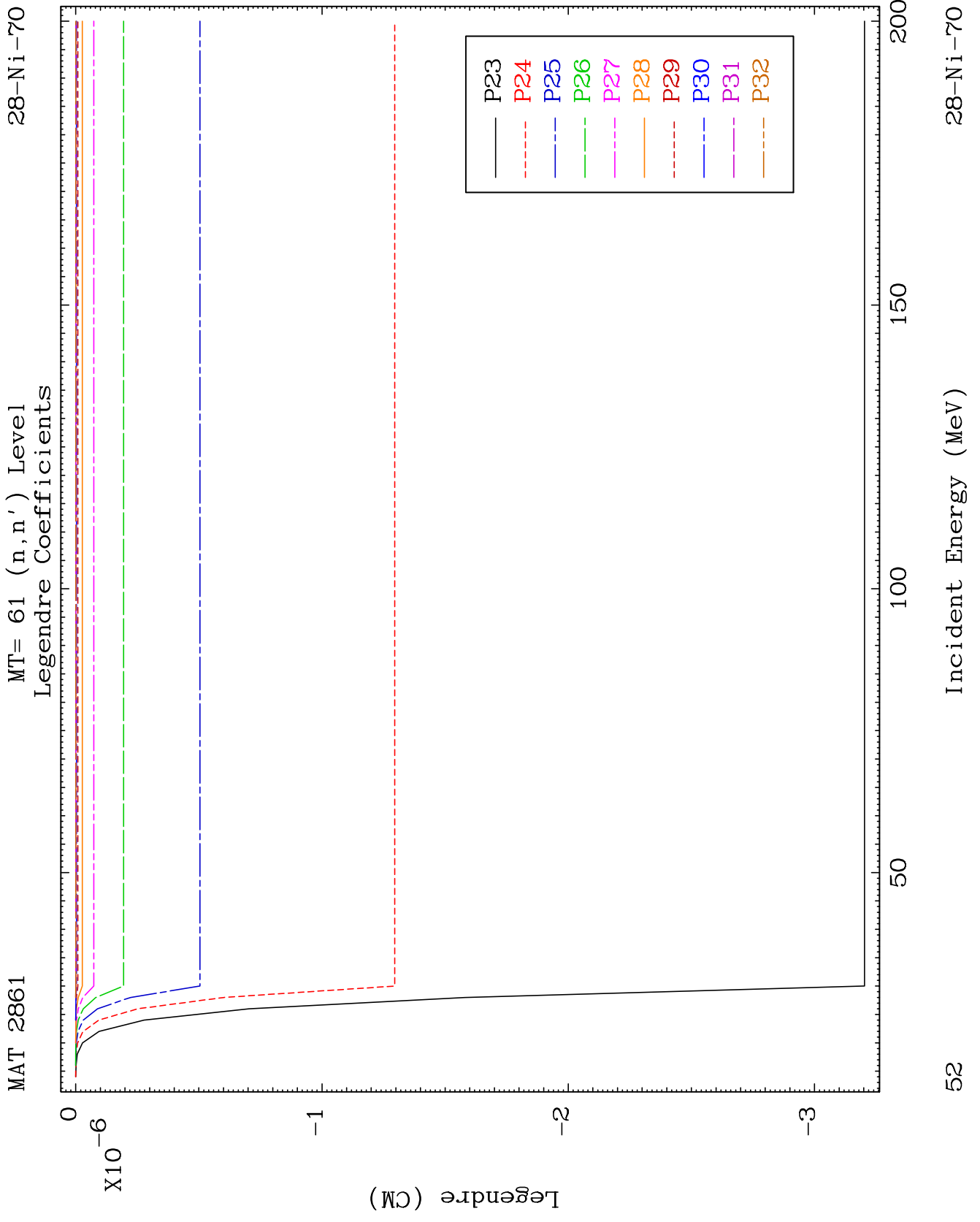
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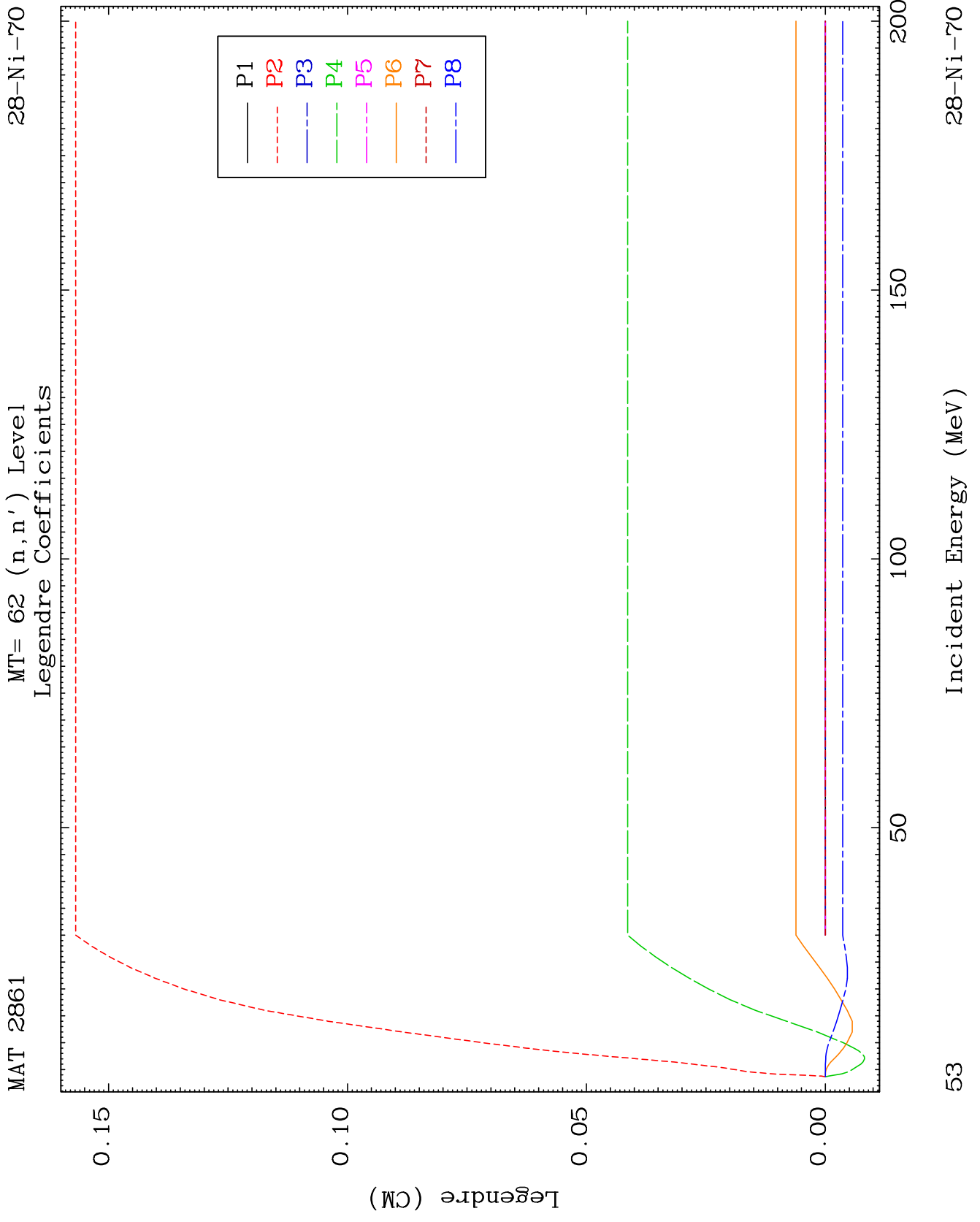


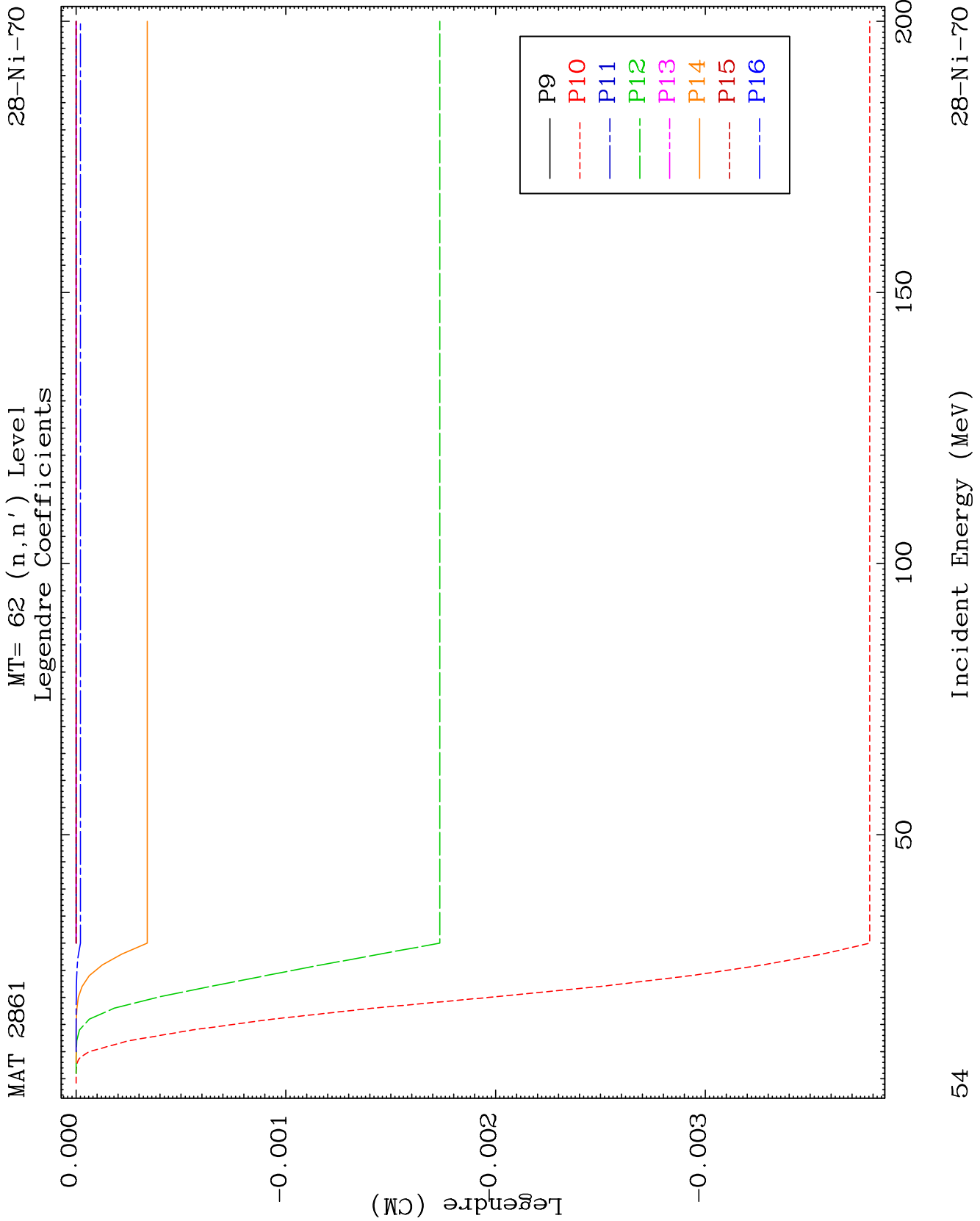
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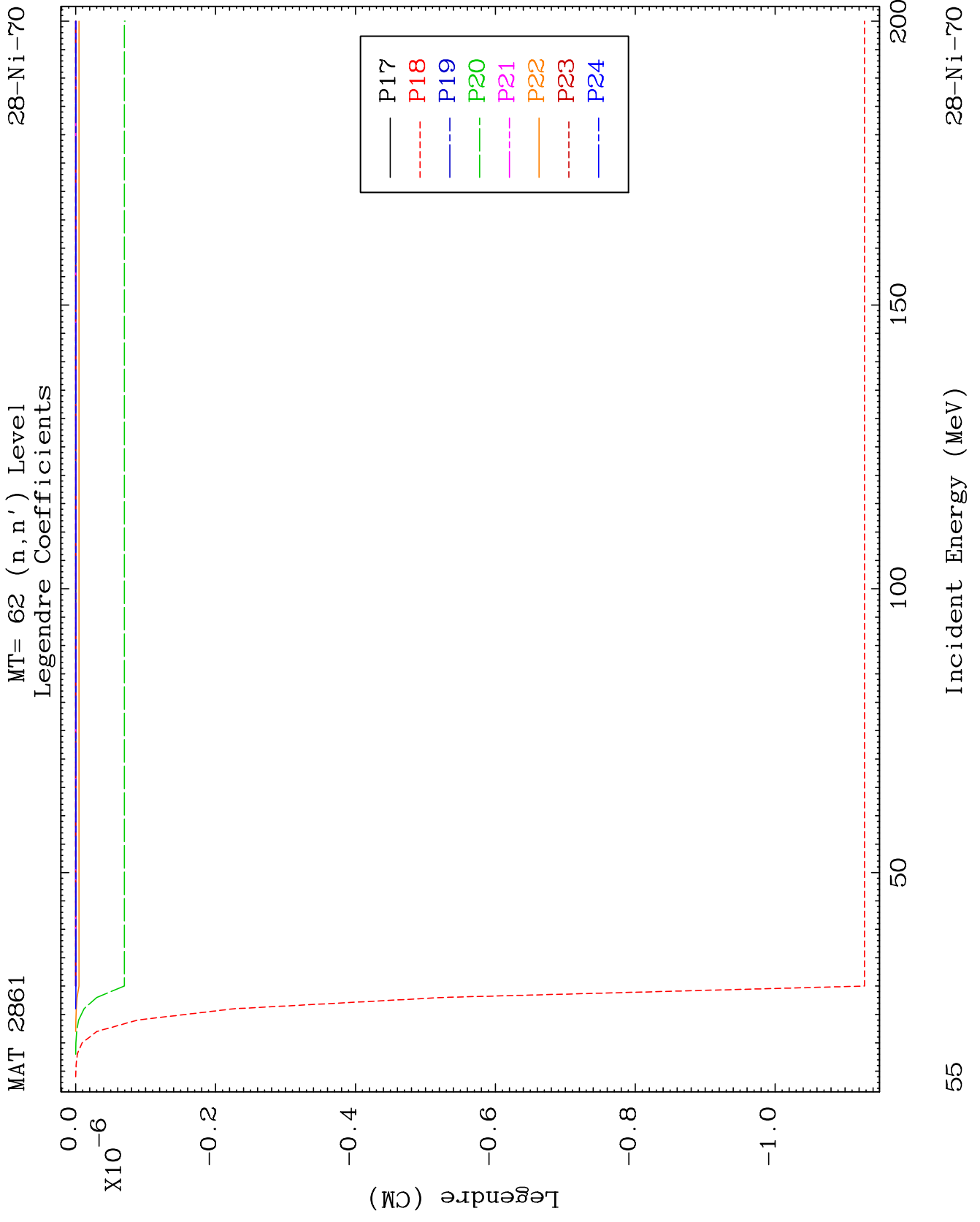
Incident Energy (MeV)

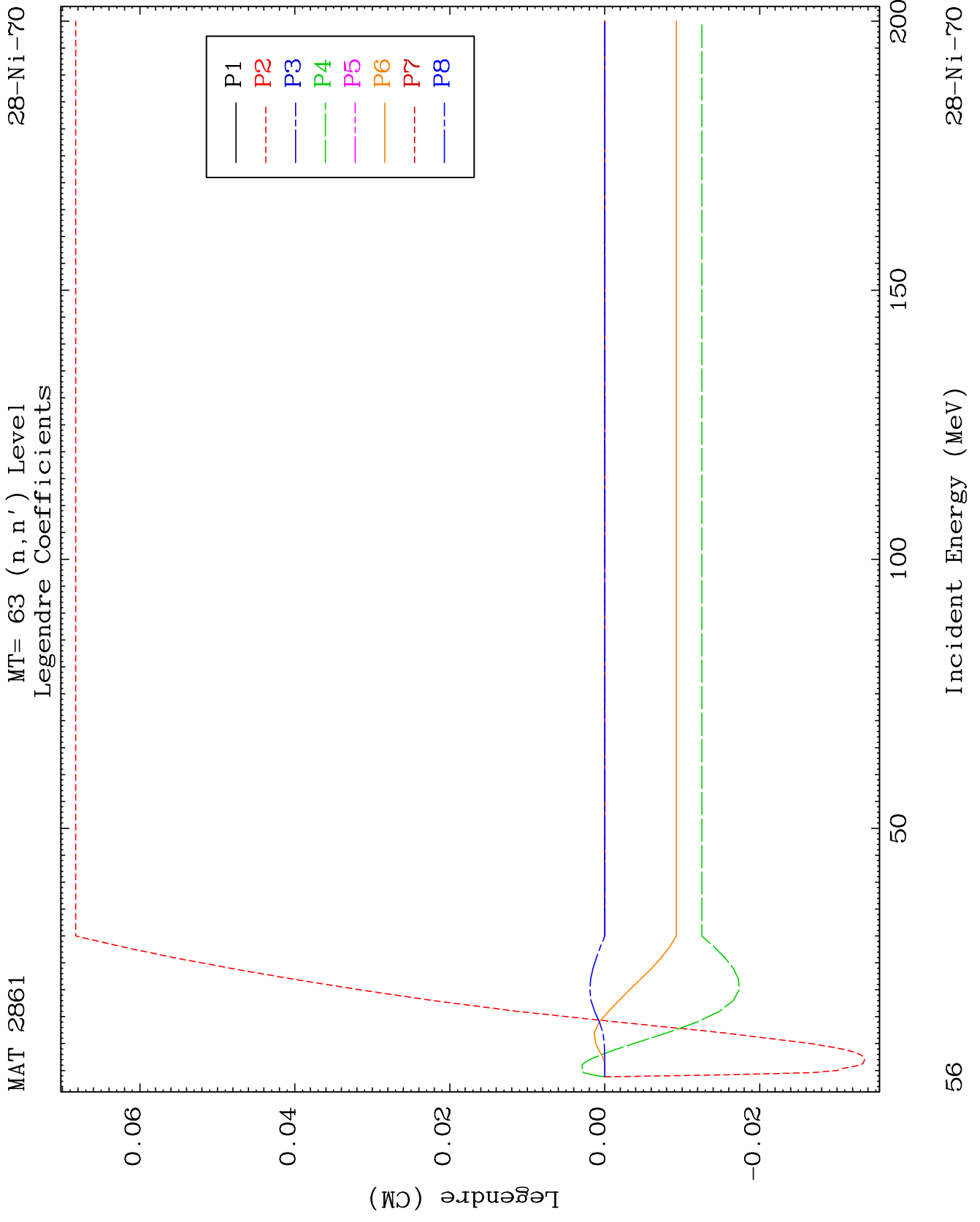
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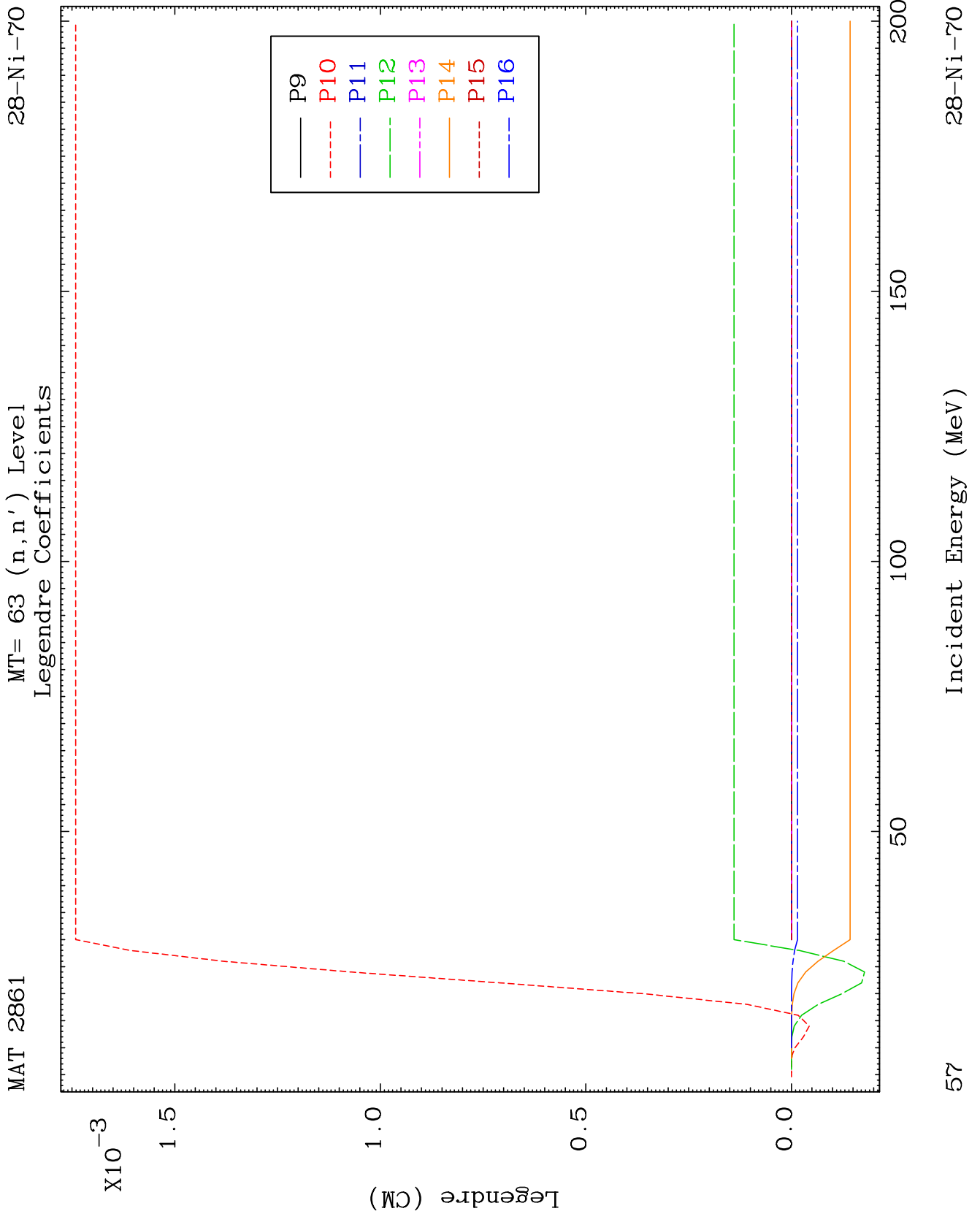


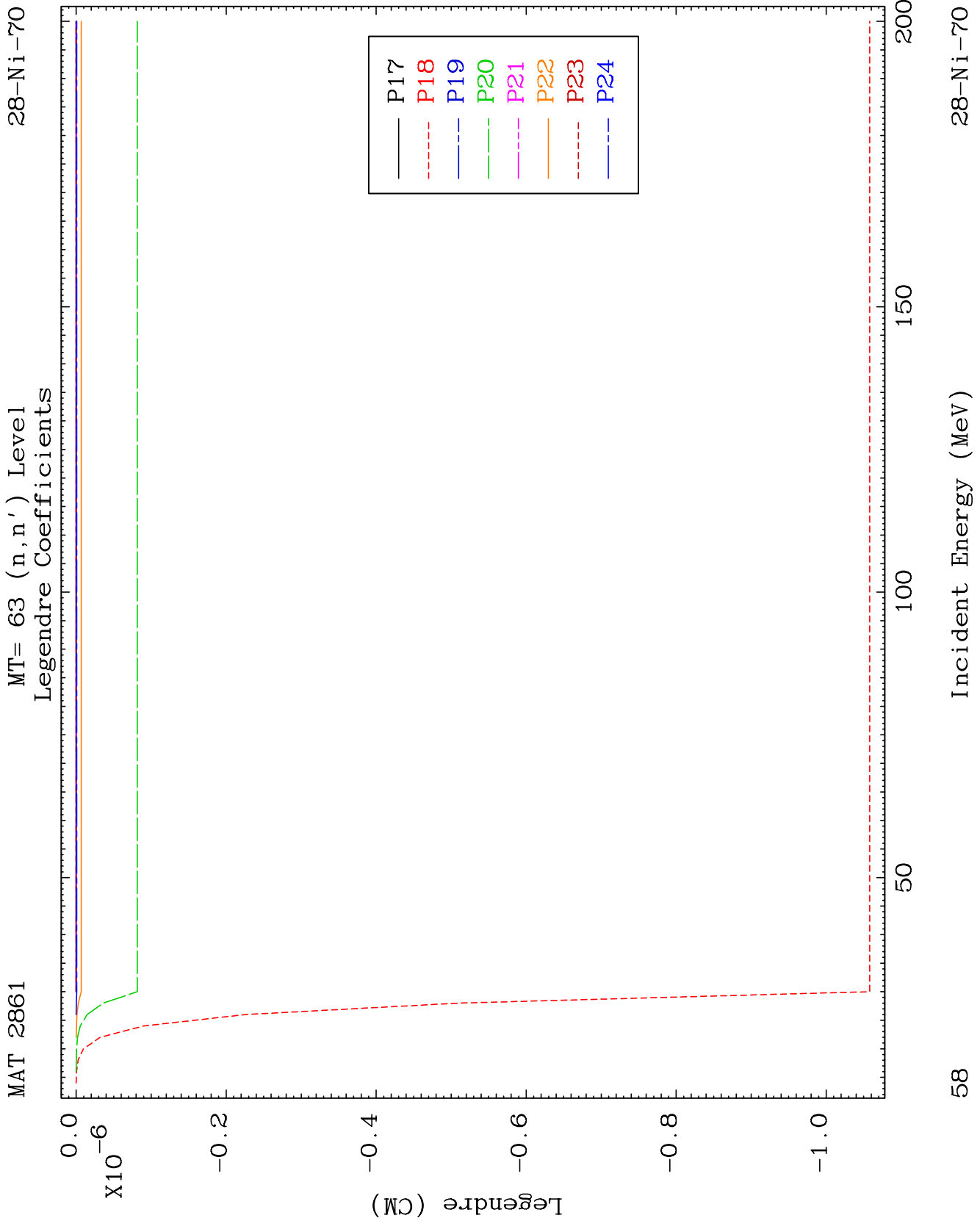


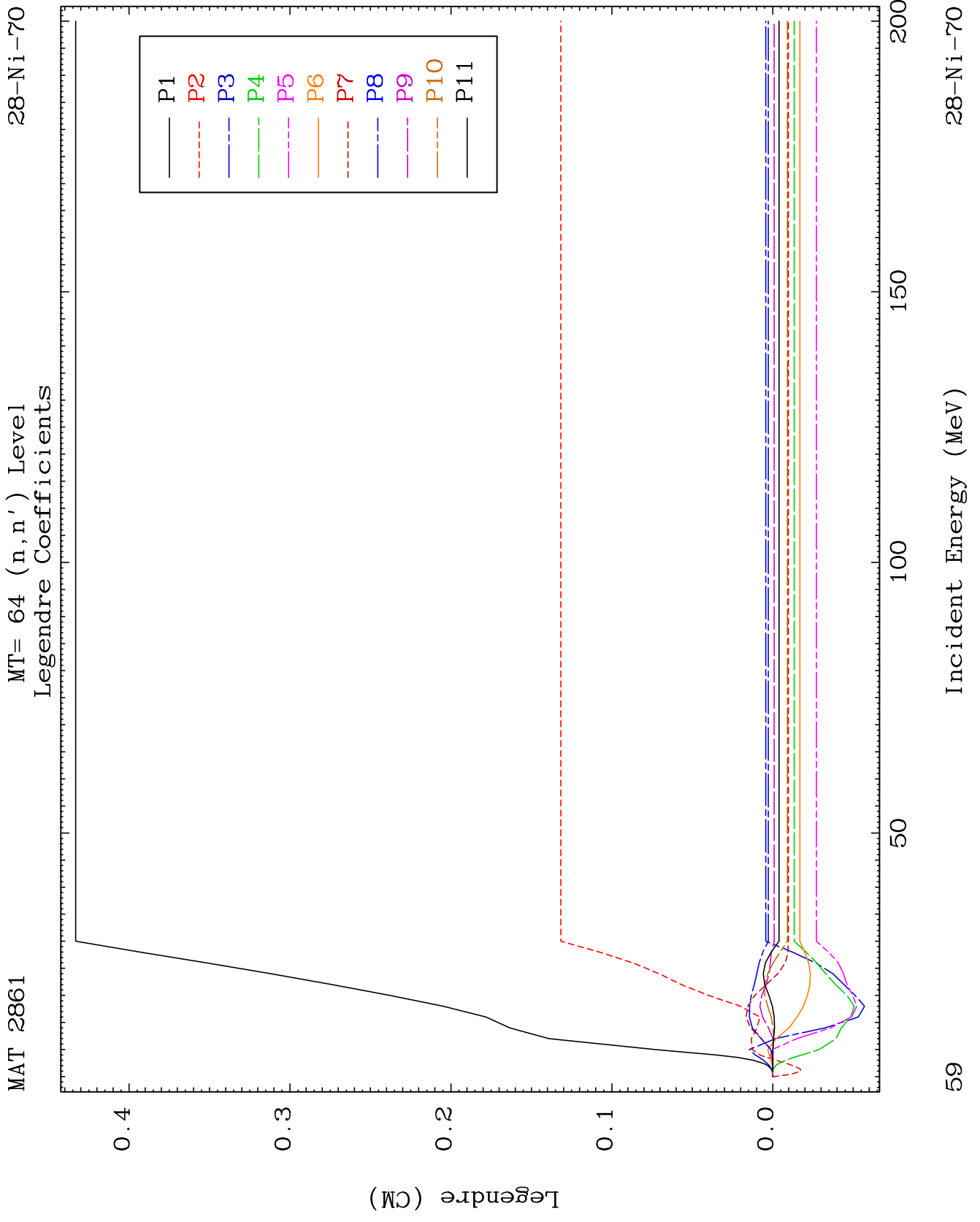








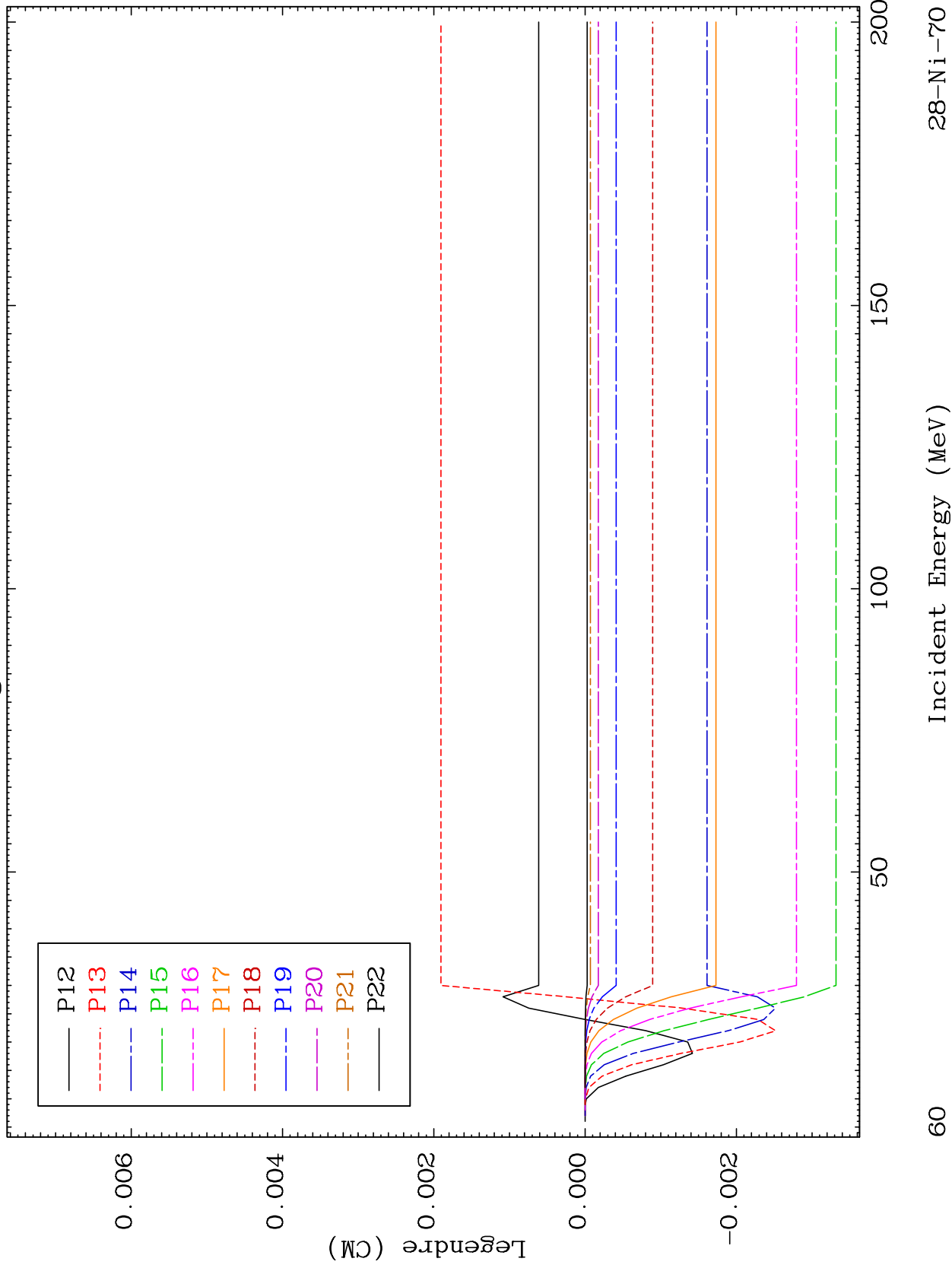




MAT 2861

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

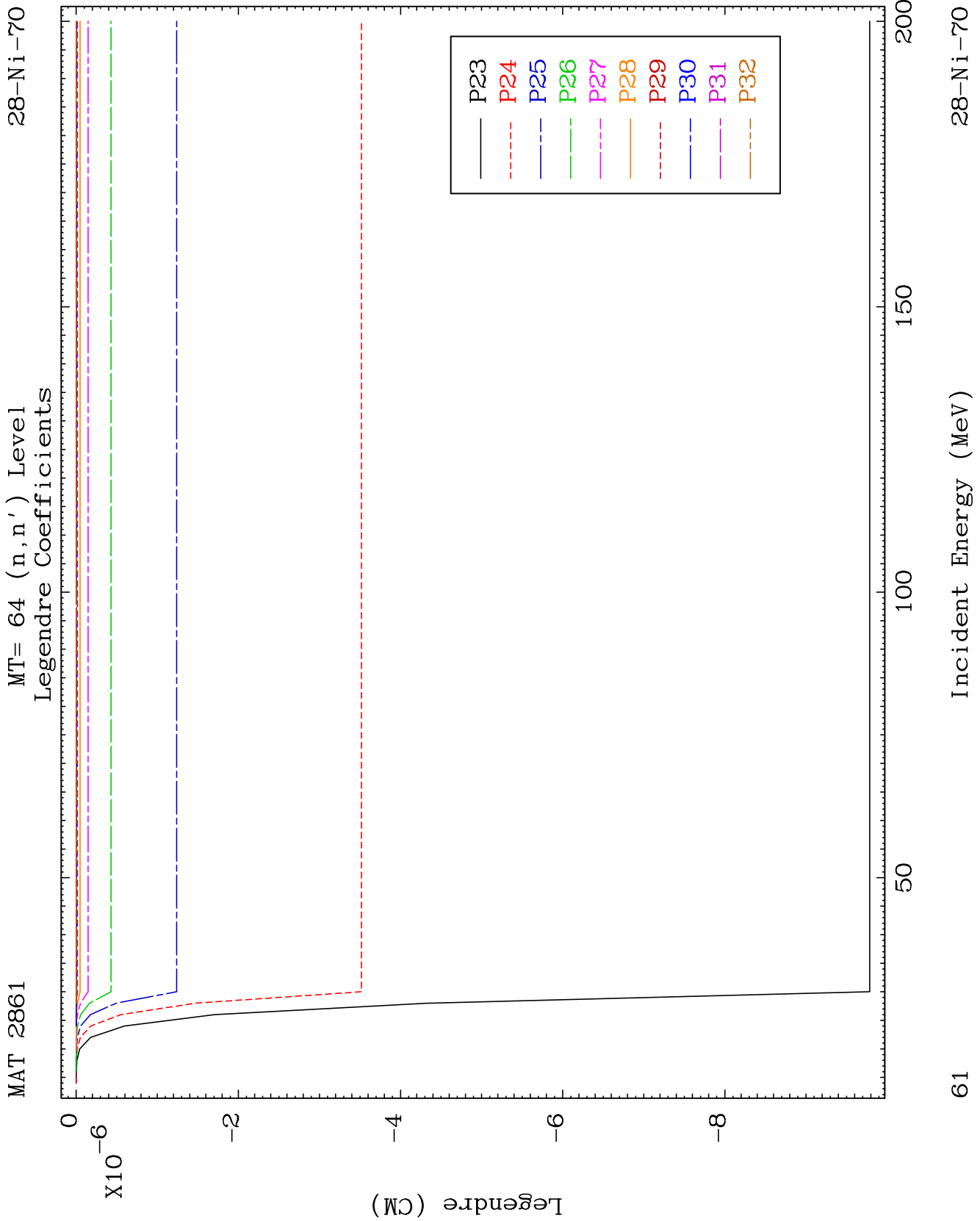
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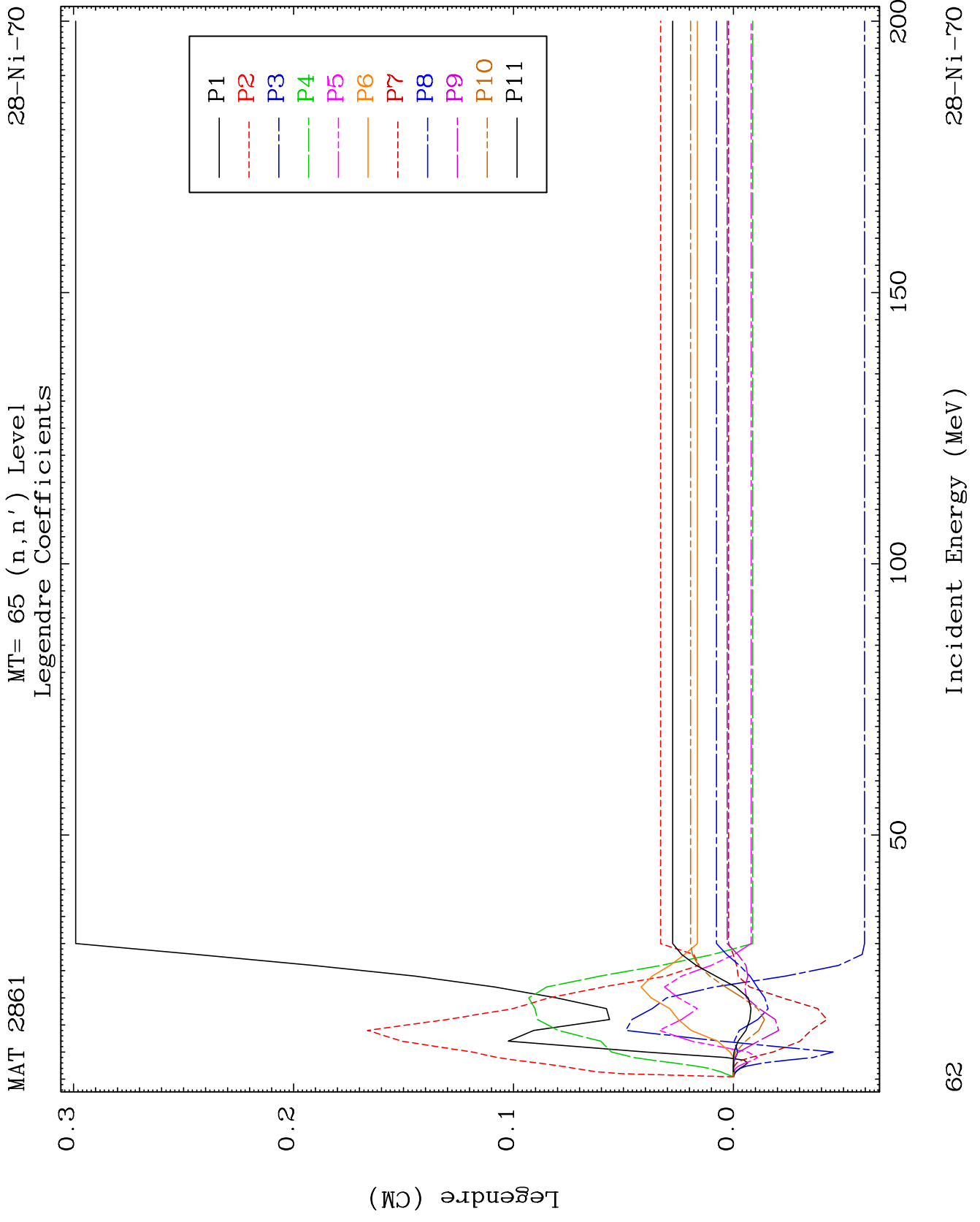


60

Incident Energy (MeV)

28-Ni-70

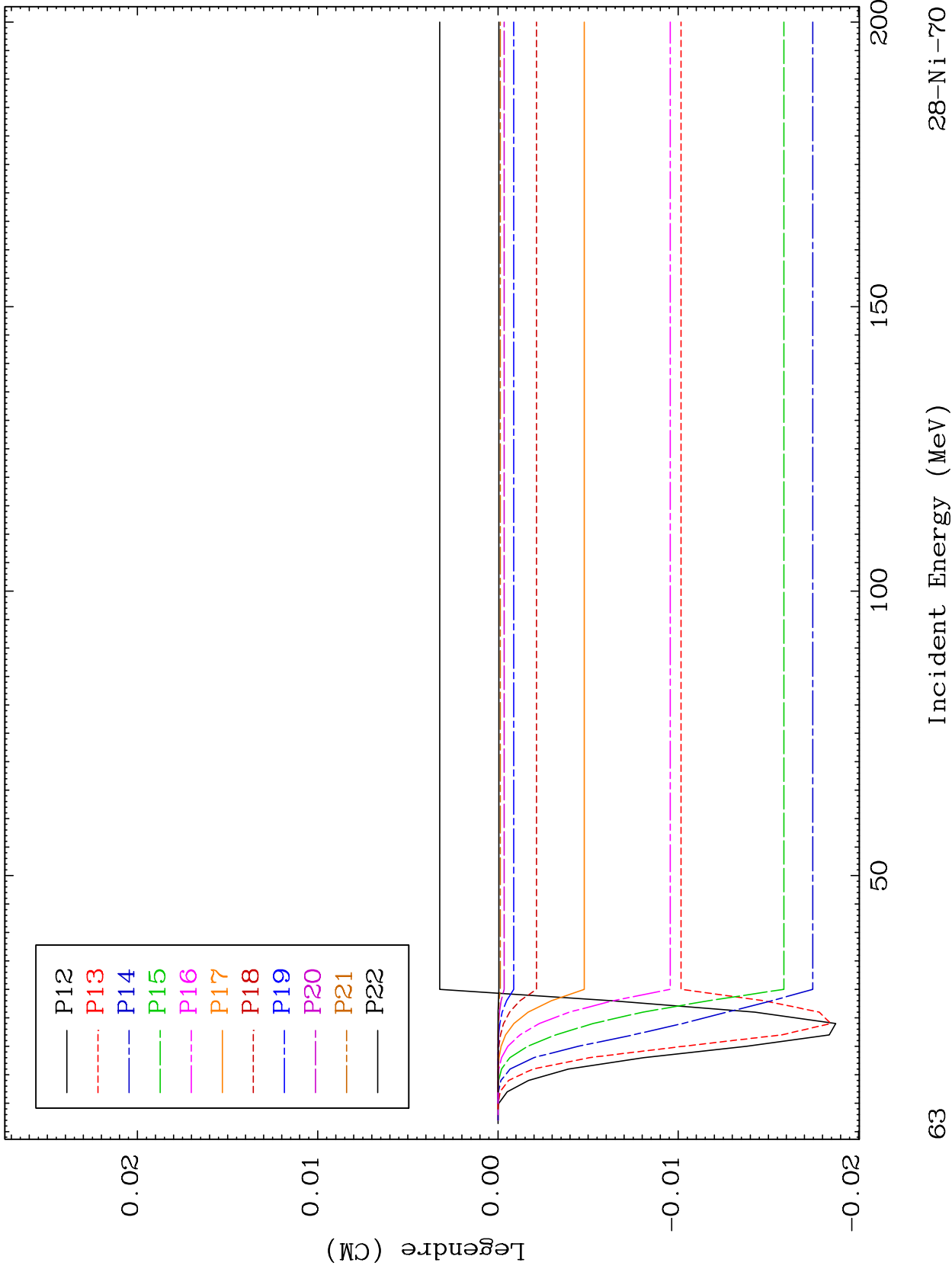




MAT 2861

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

28-Ni-70

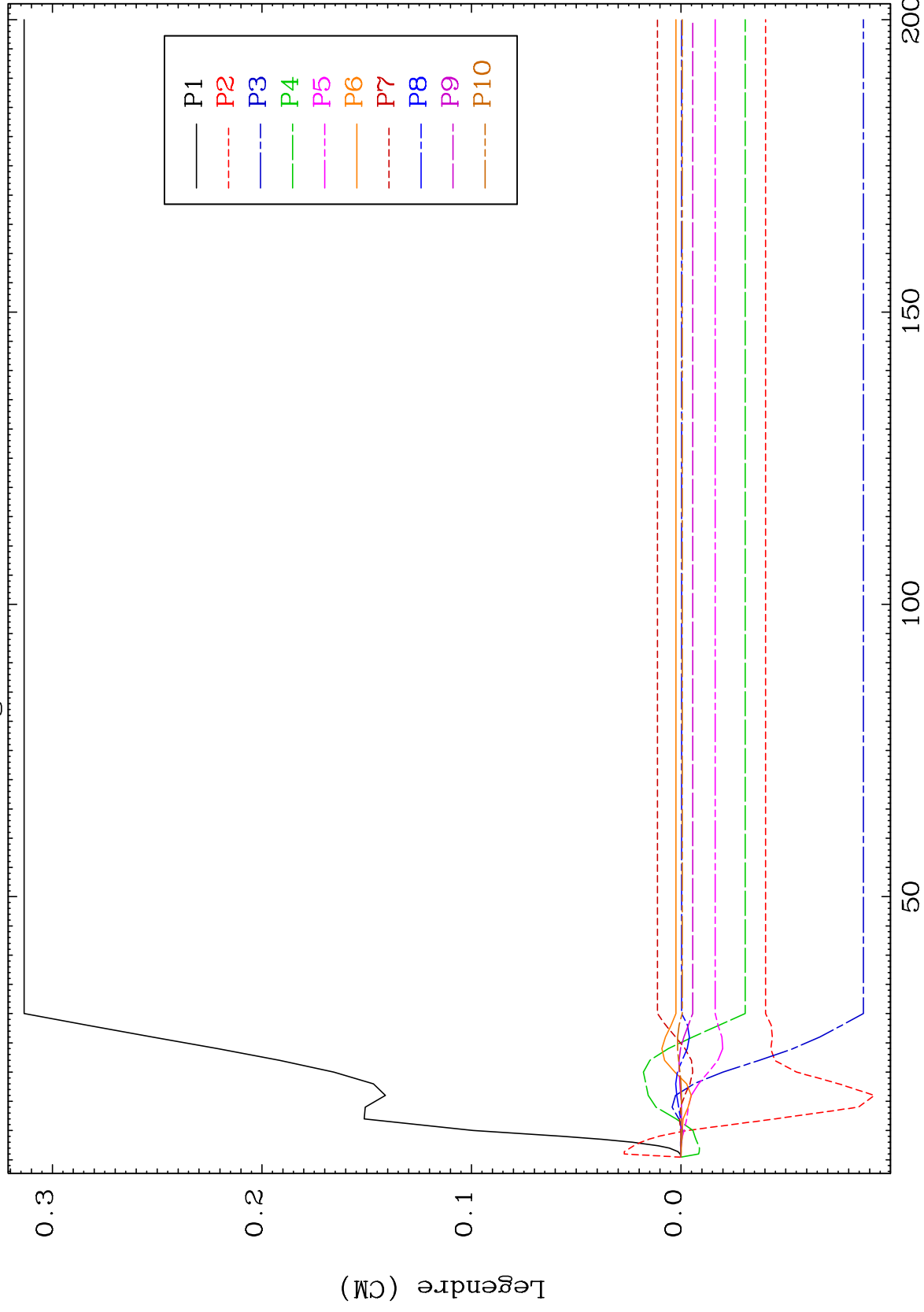




MAT 2861

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

28-Ni-70



65

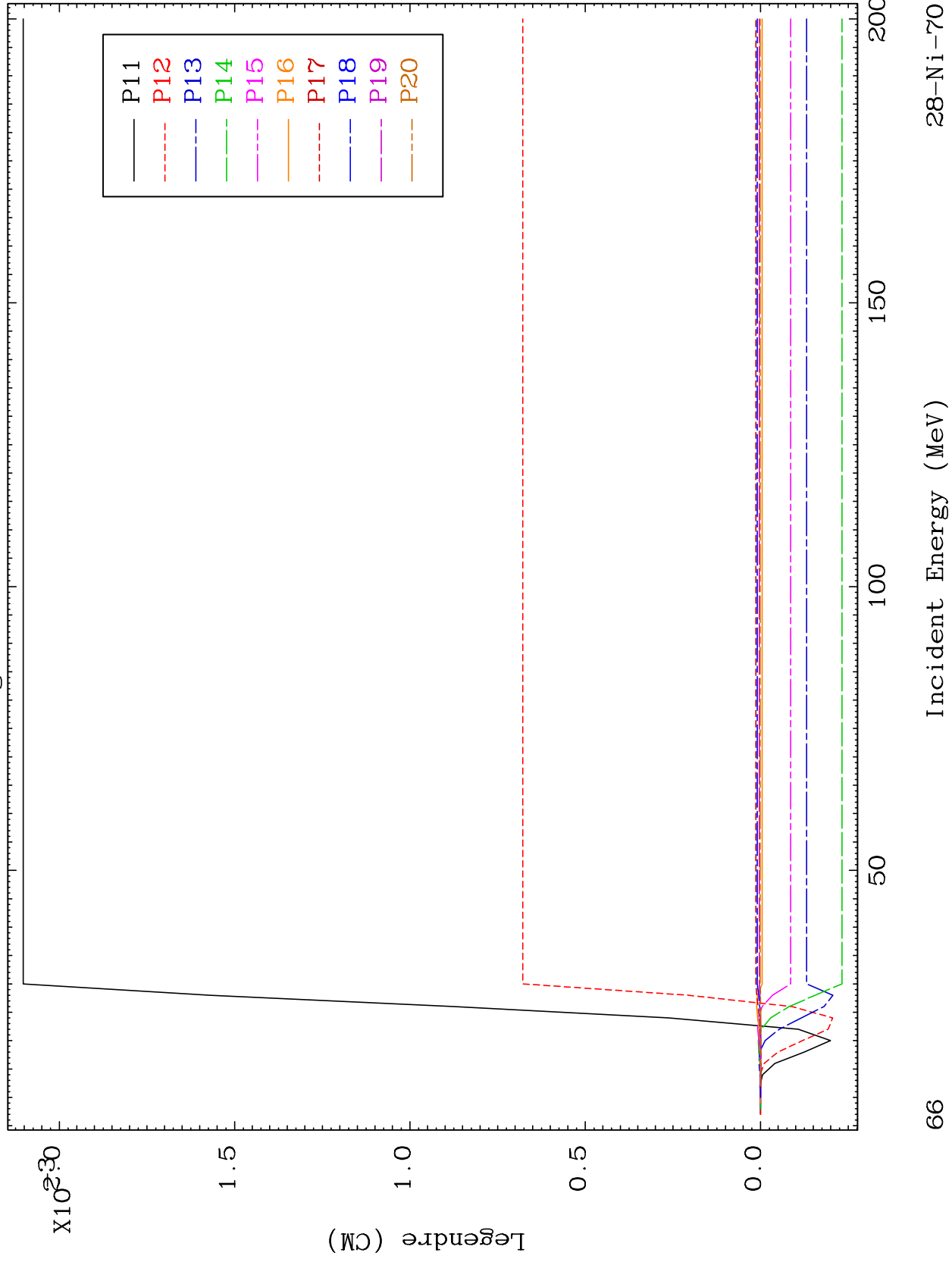
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

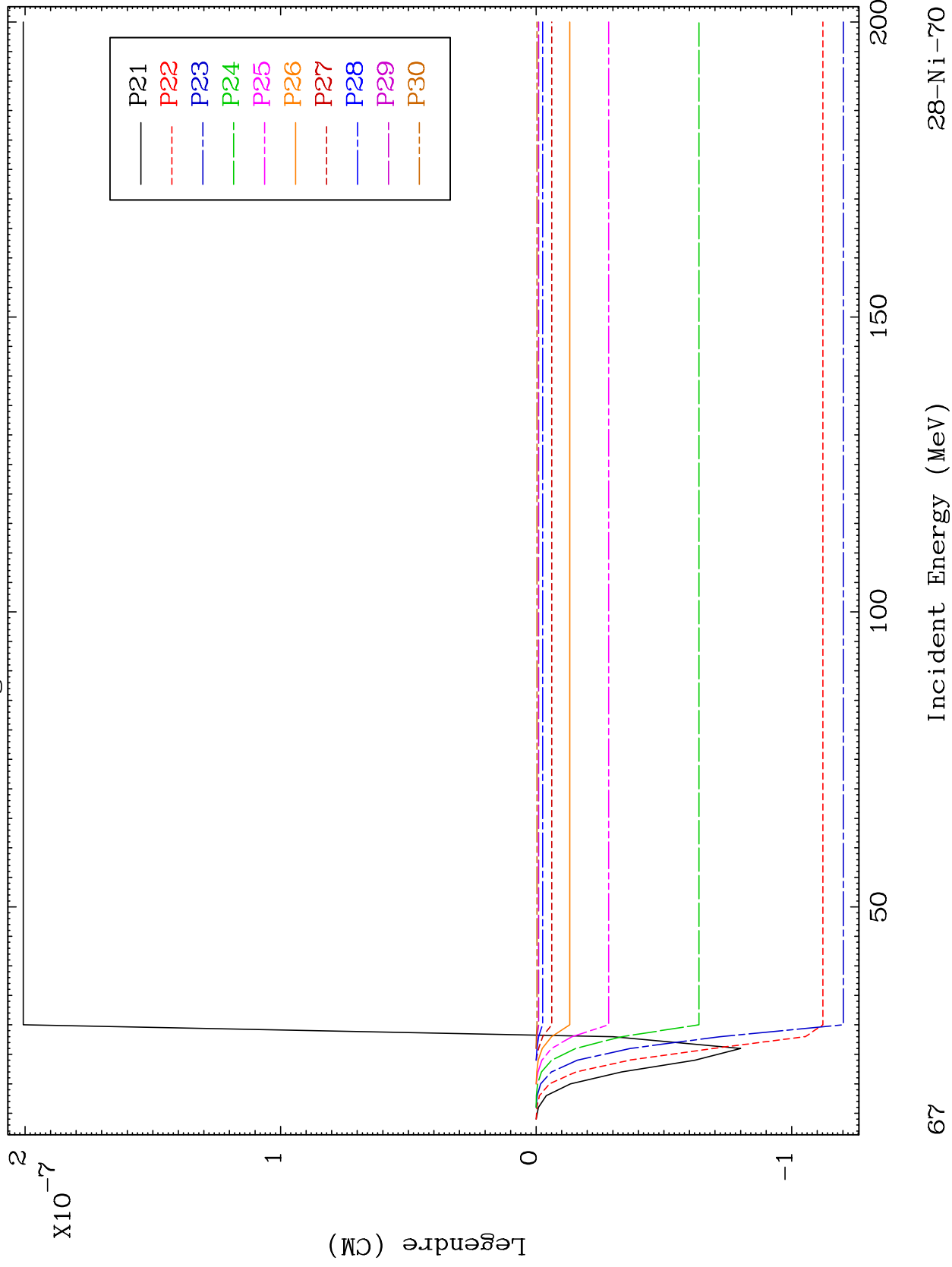
28-Ni-70



MAT 2861

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

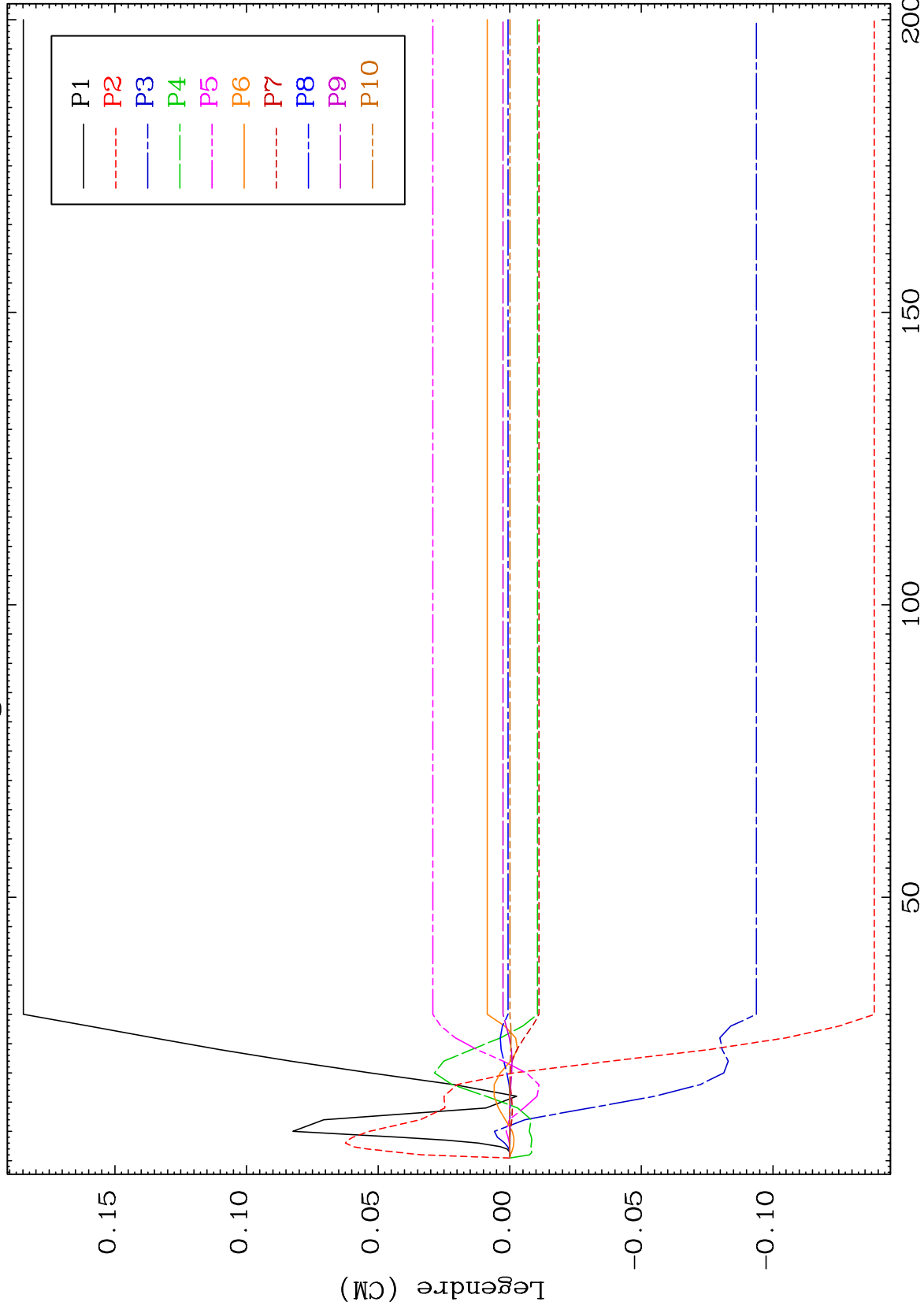
28-Ni-70



MAT 2861

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

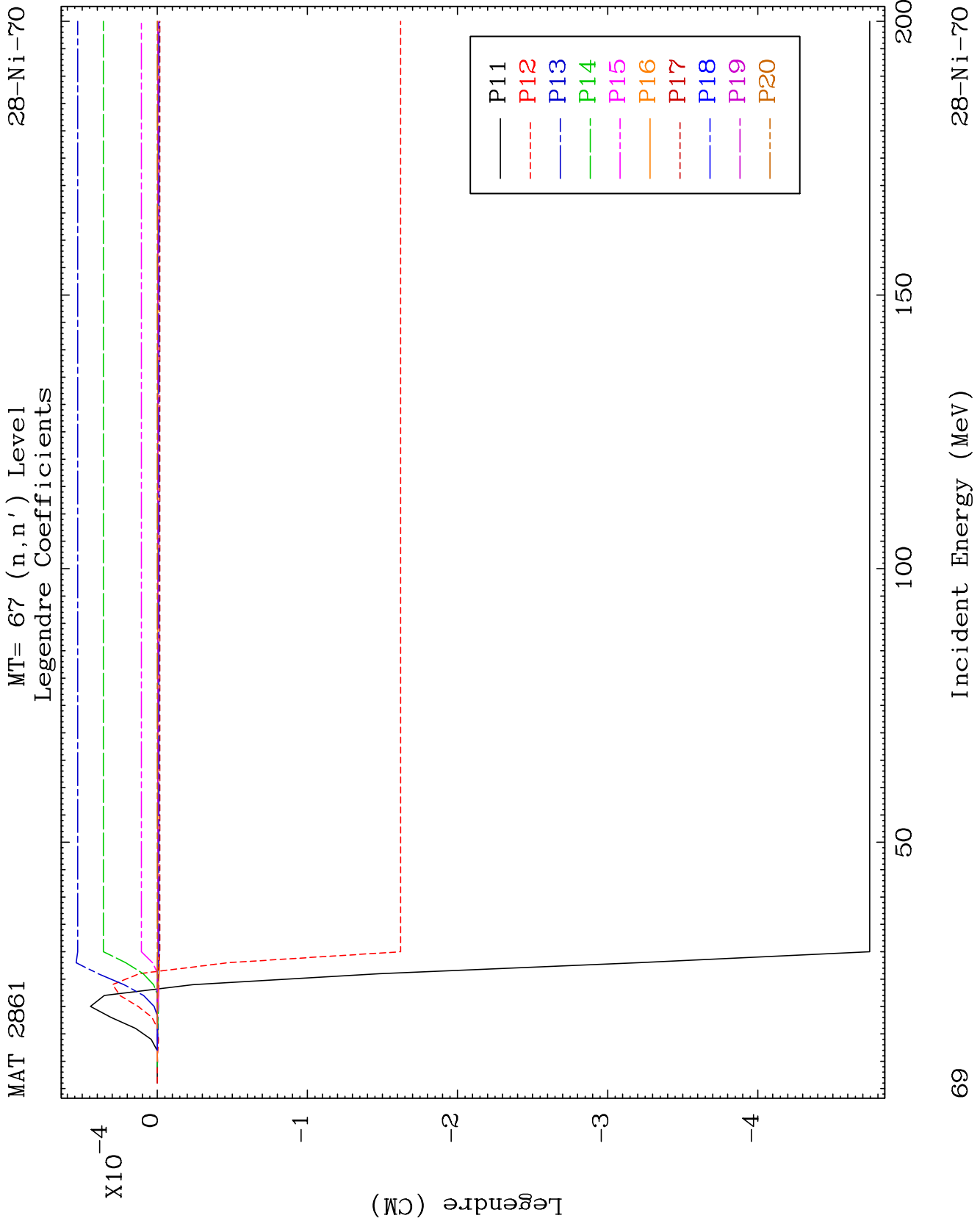
28-Ni-70



68

Incident Energy (MeV)

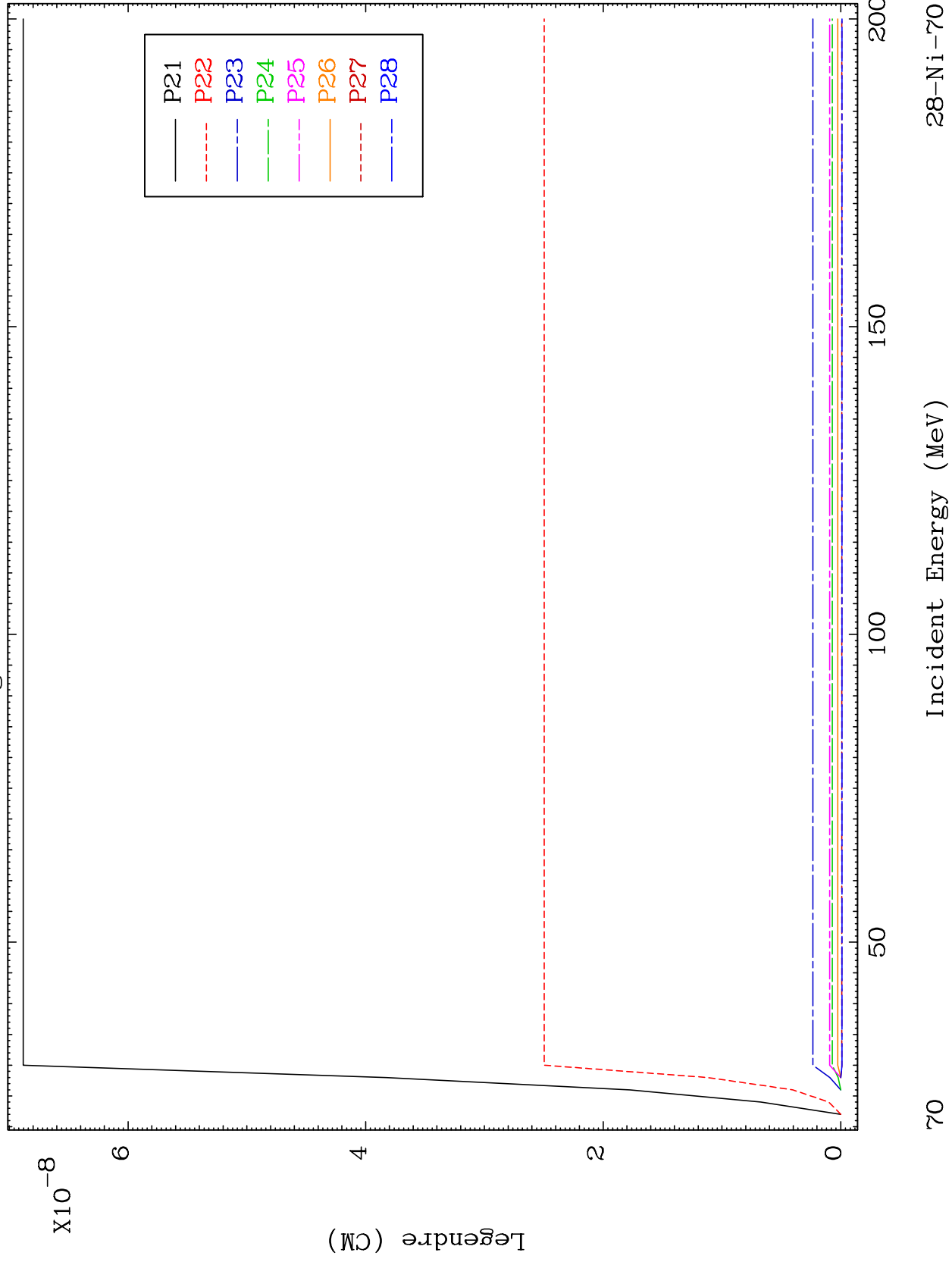
28-Ni-70



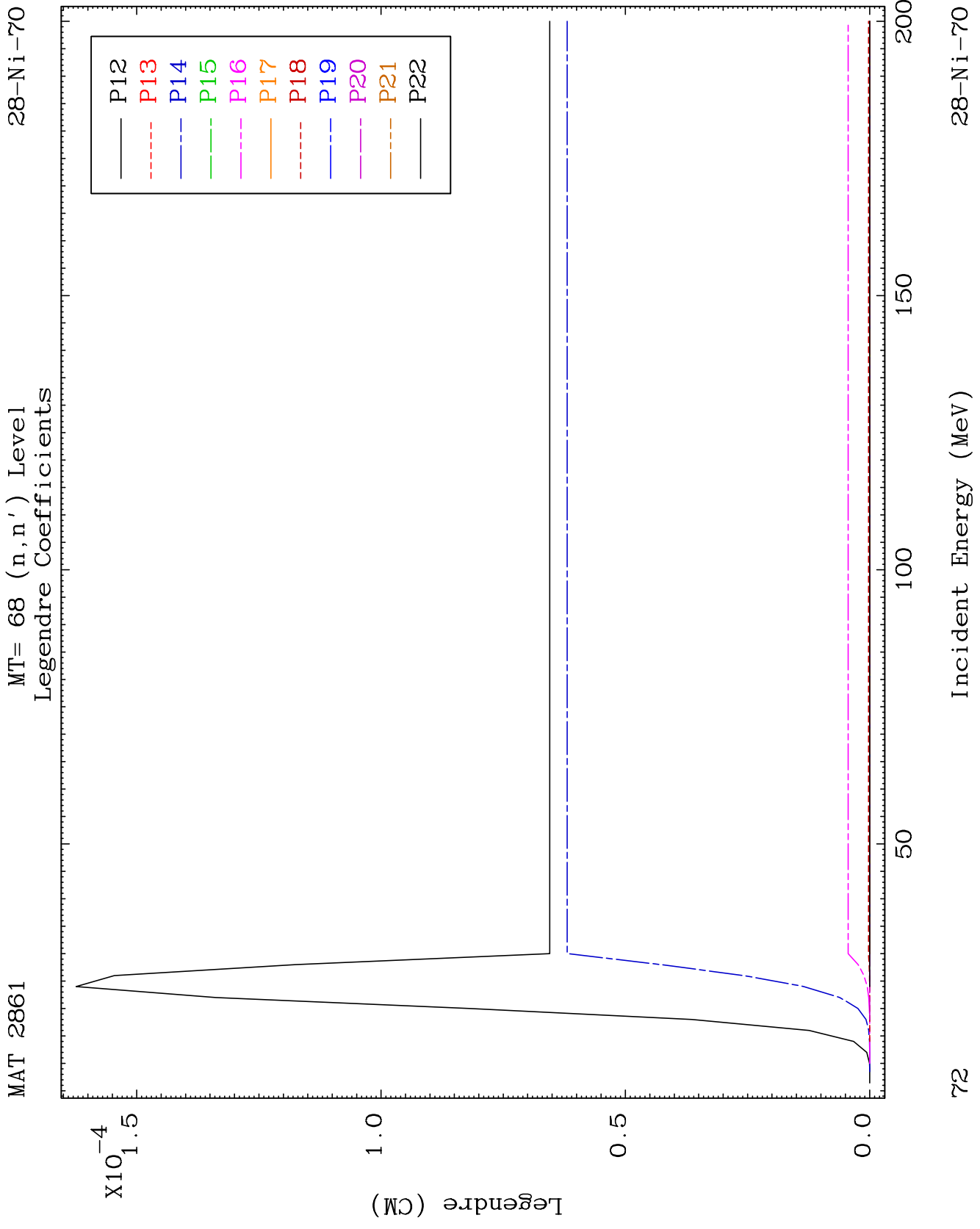
MAT 2861

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

28-Ni-70



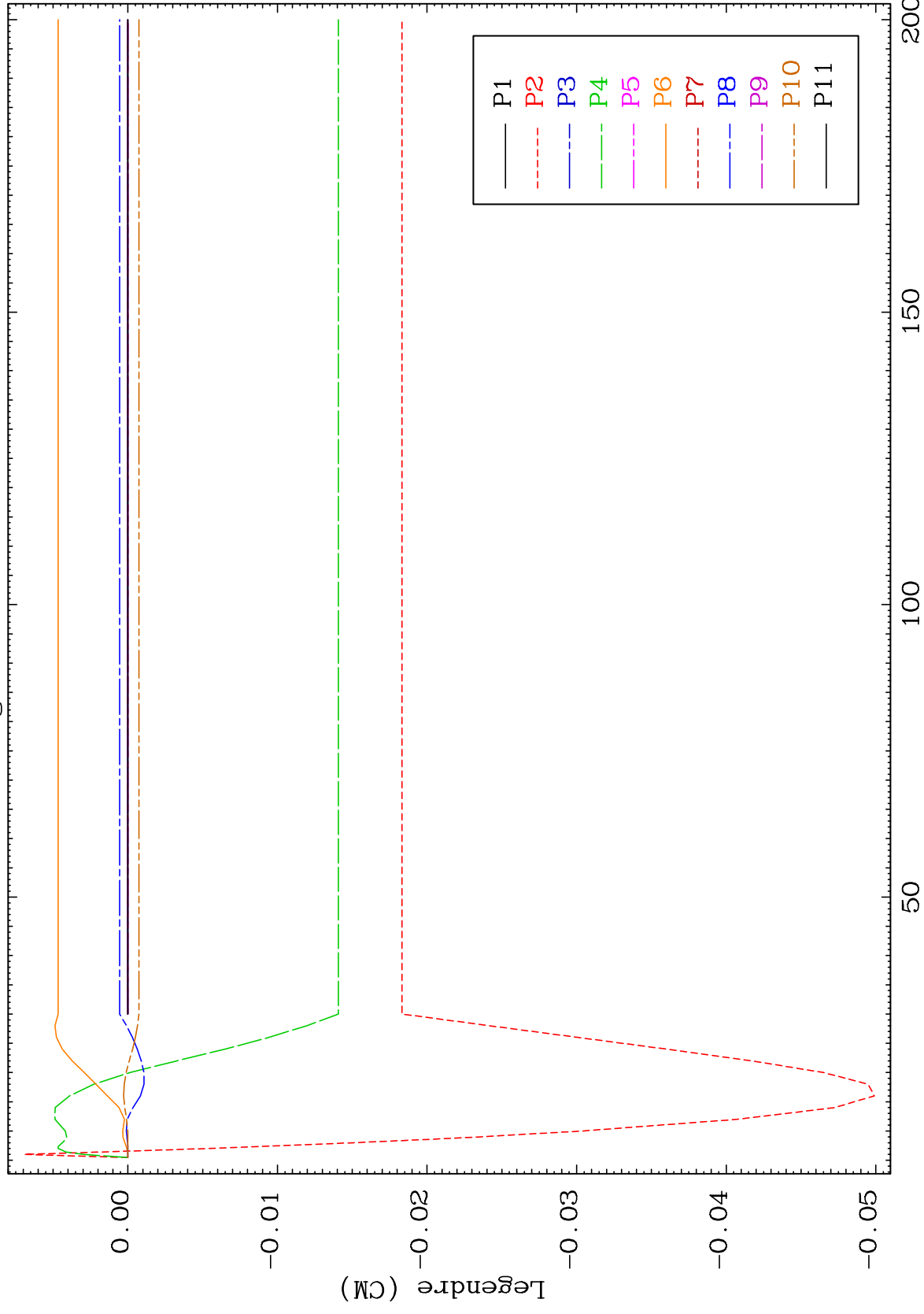




MAT 2861

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

28-Ni-70



73

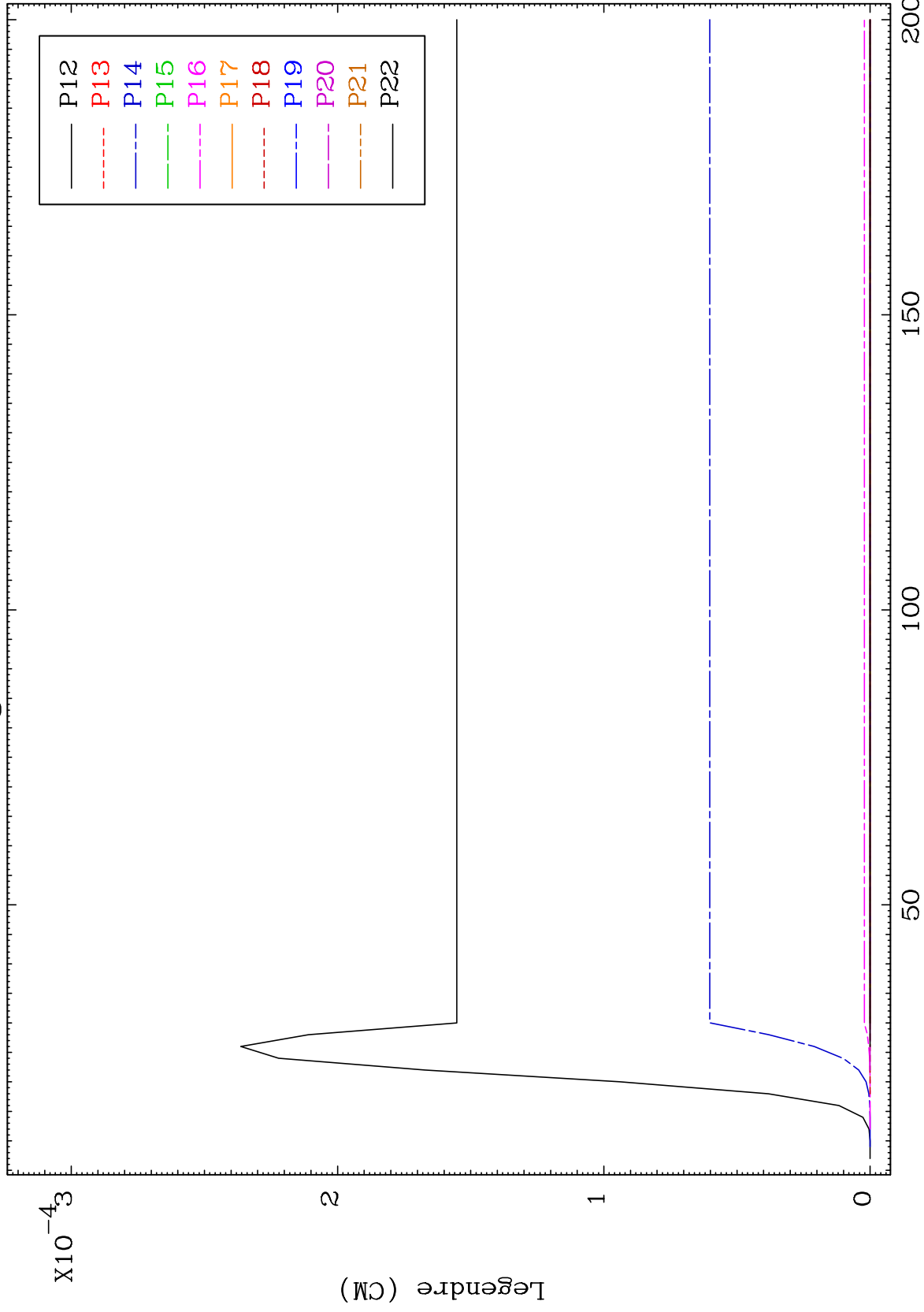
Incident Energy (MeV)

28-Ni-70

MAT 2861

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

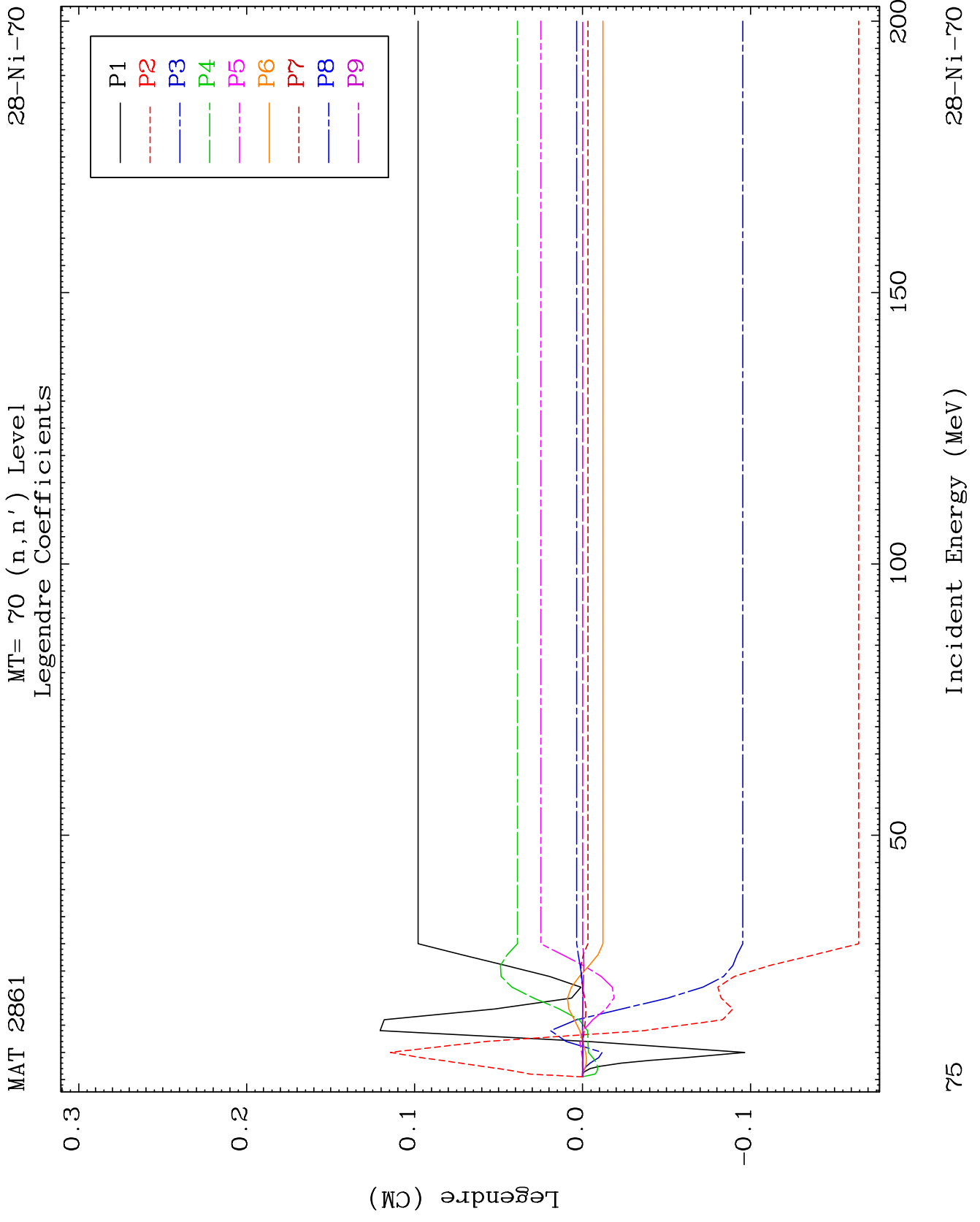
28-Ni-70



74

Incident Energy (MeV)

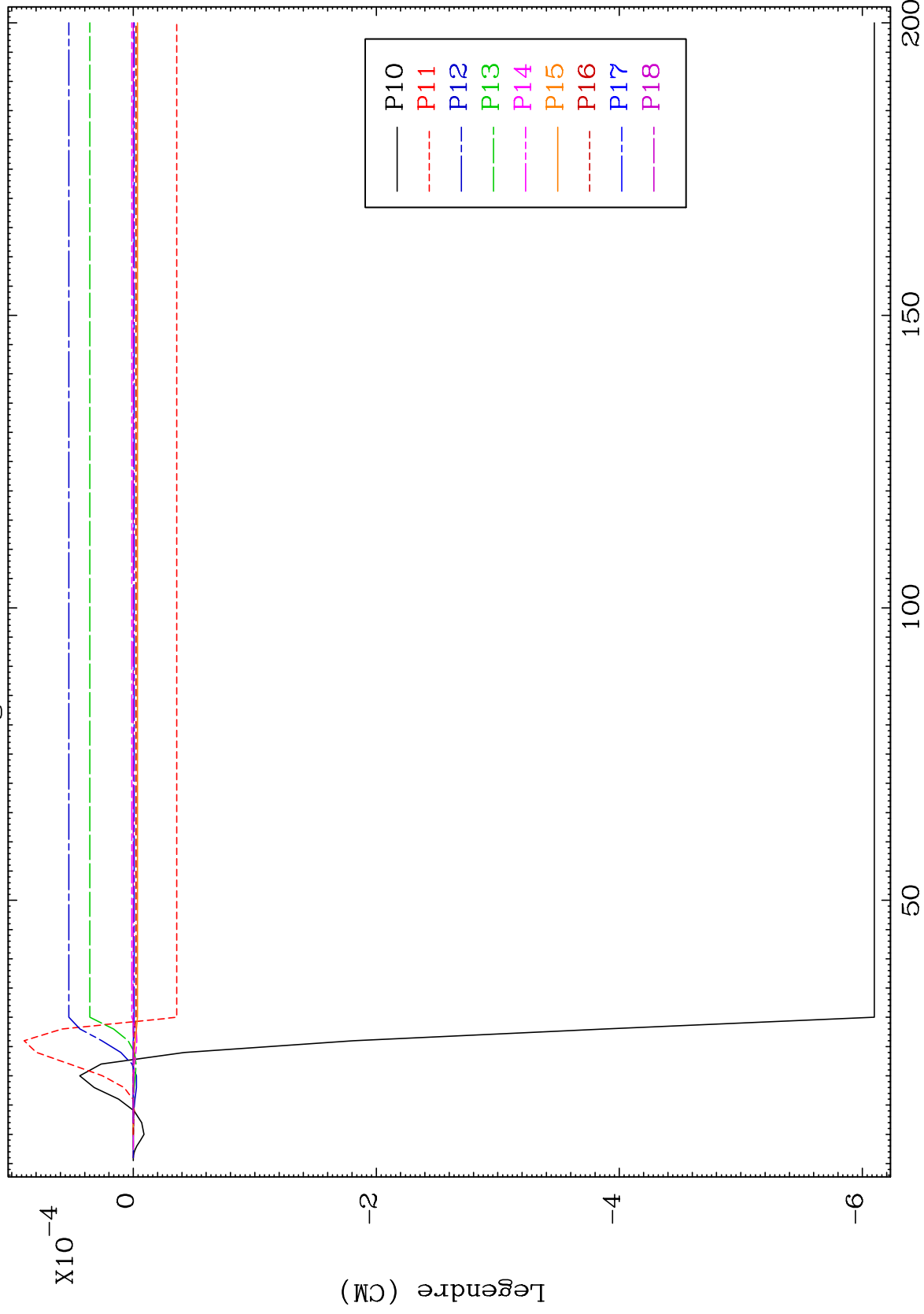
28-Ni-70



MAT 2861

MT= 70 (n,n') Level  
Legendre Coefficients

28-Ni-70



76

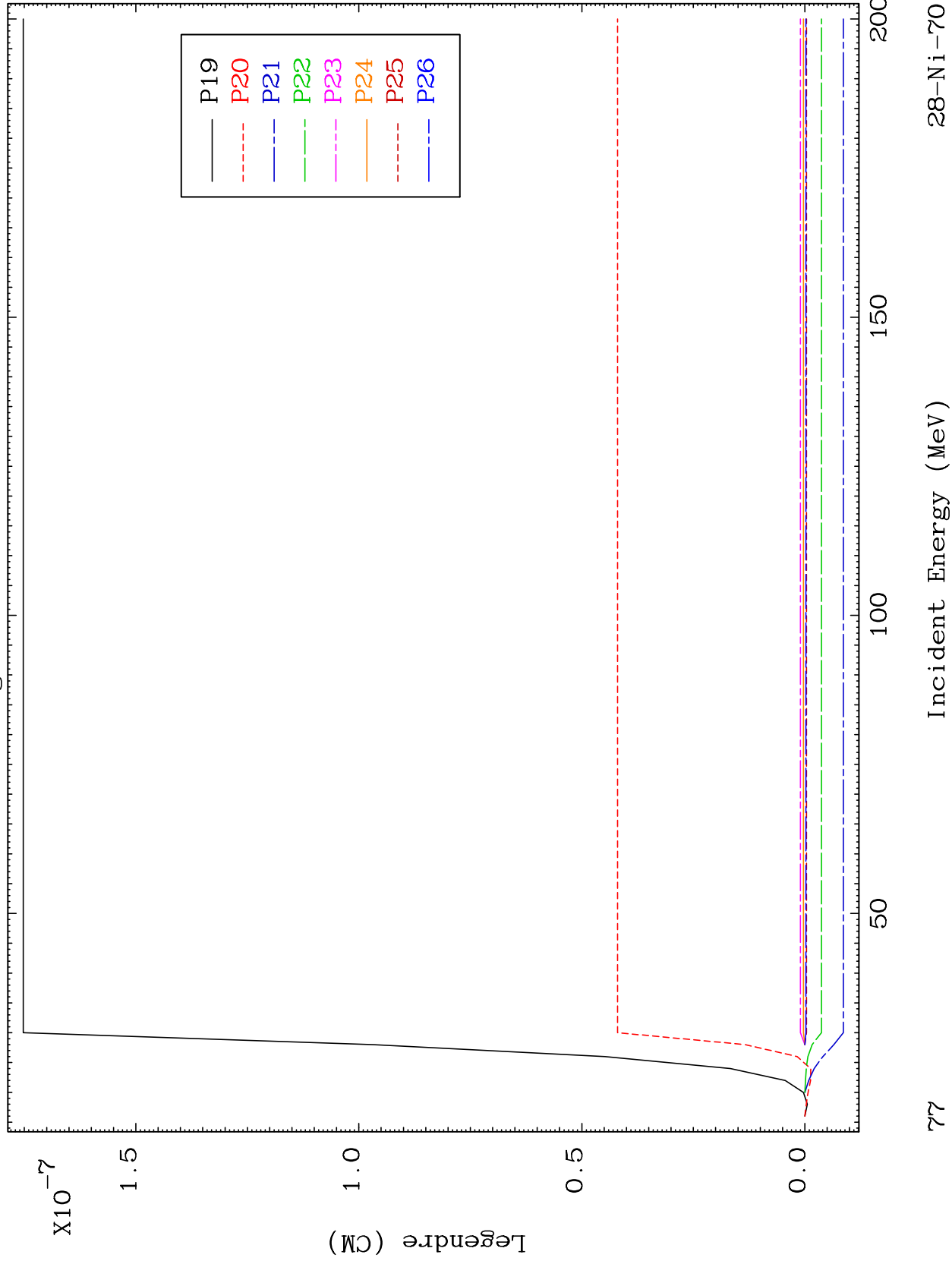
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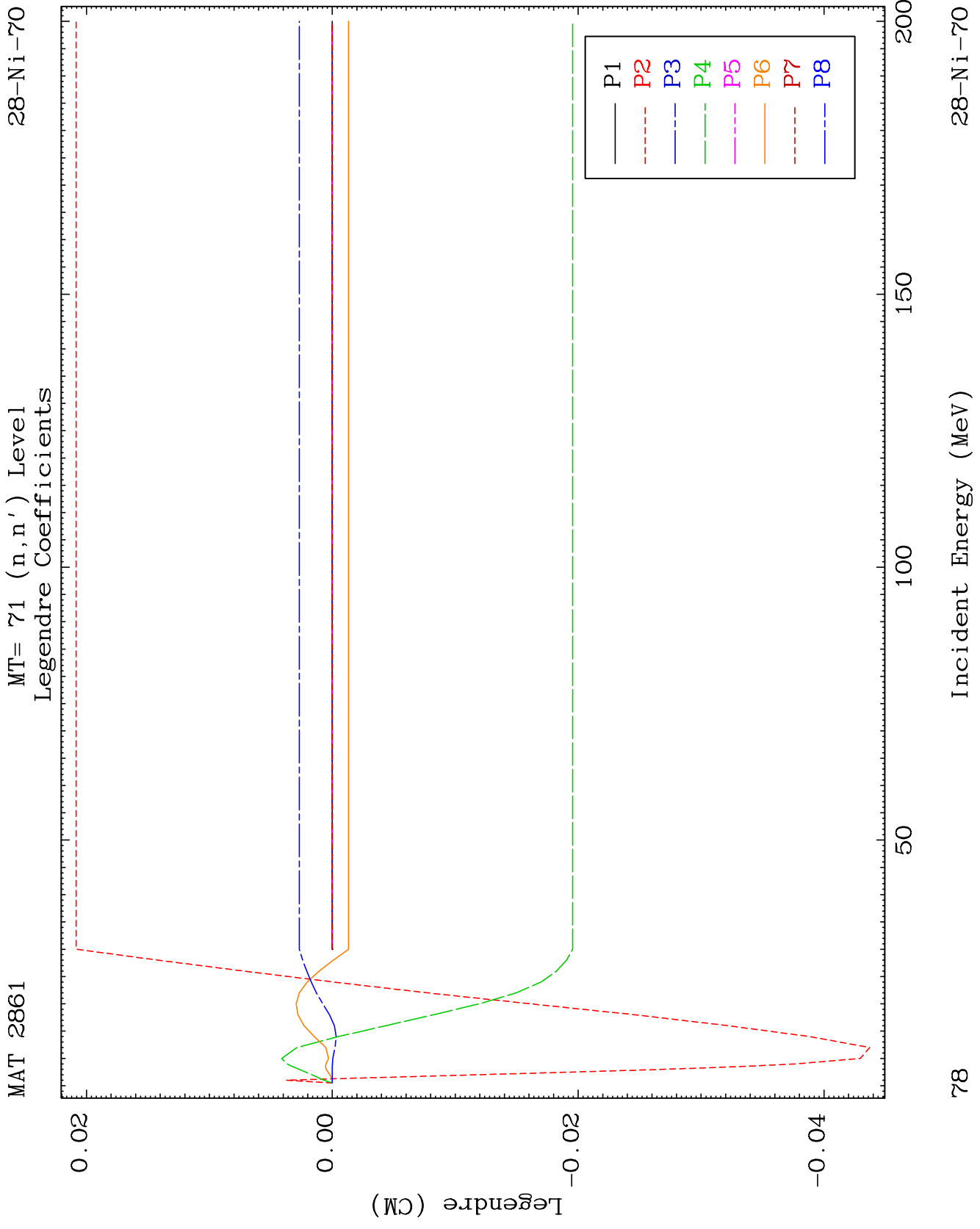
28-Ni-70

MAT 2861

MT= 70 (n,n') Level  
Legendre Coefficients

28-Ni-70

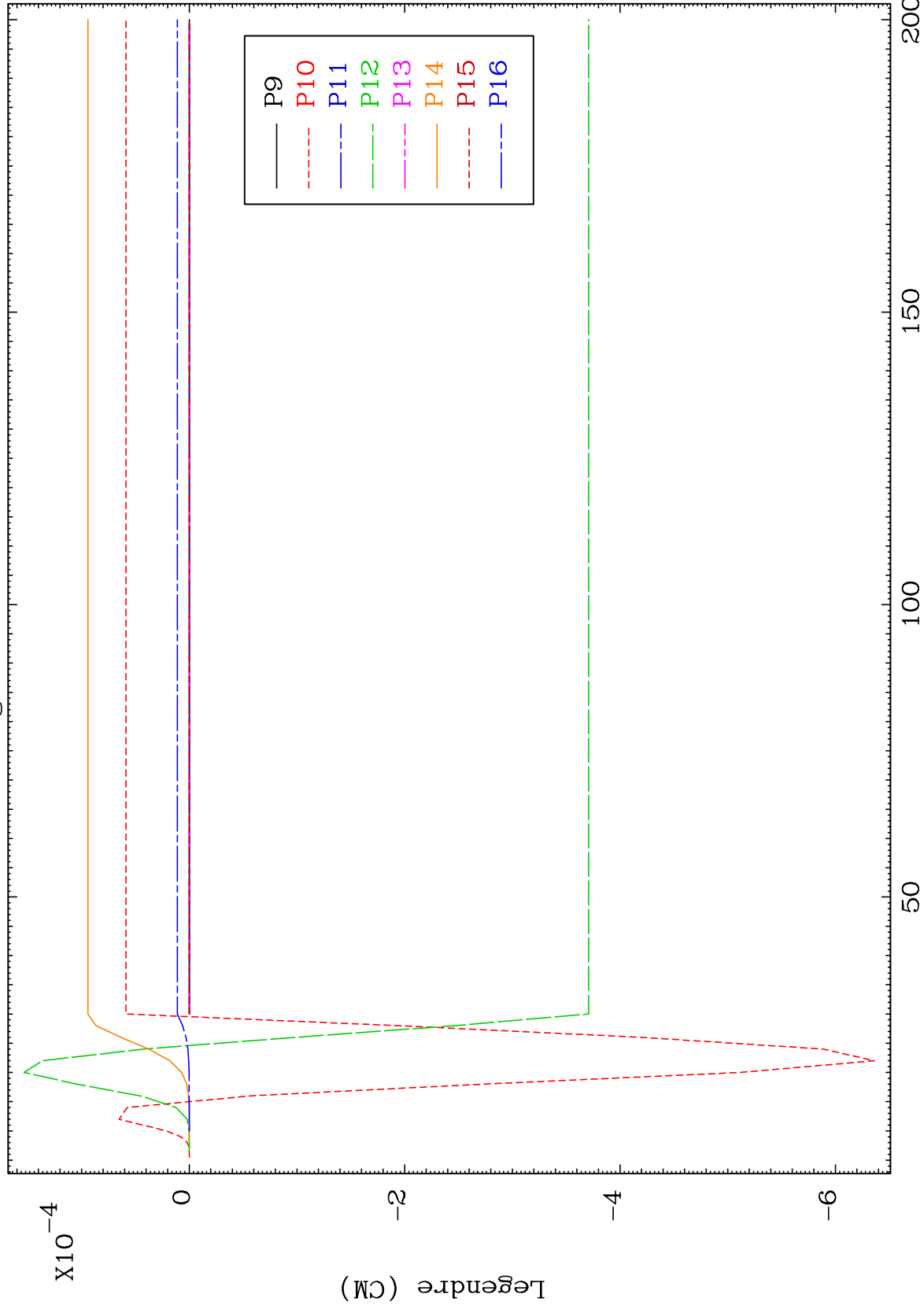




MAT 2861

MT= 71 (n,n') Level  
Legendre Coefficients

28-Ni-70

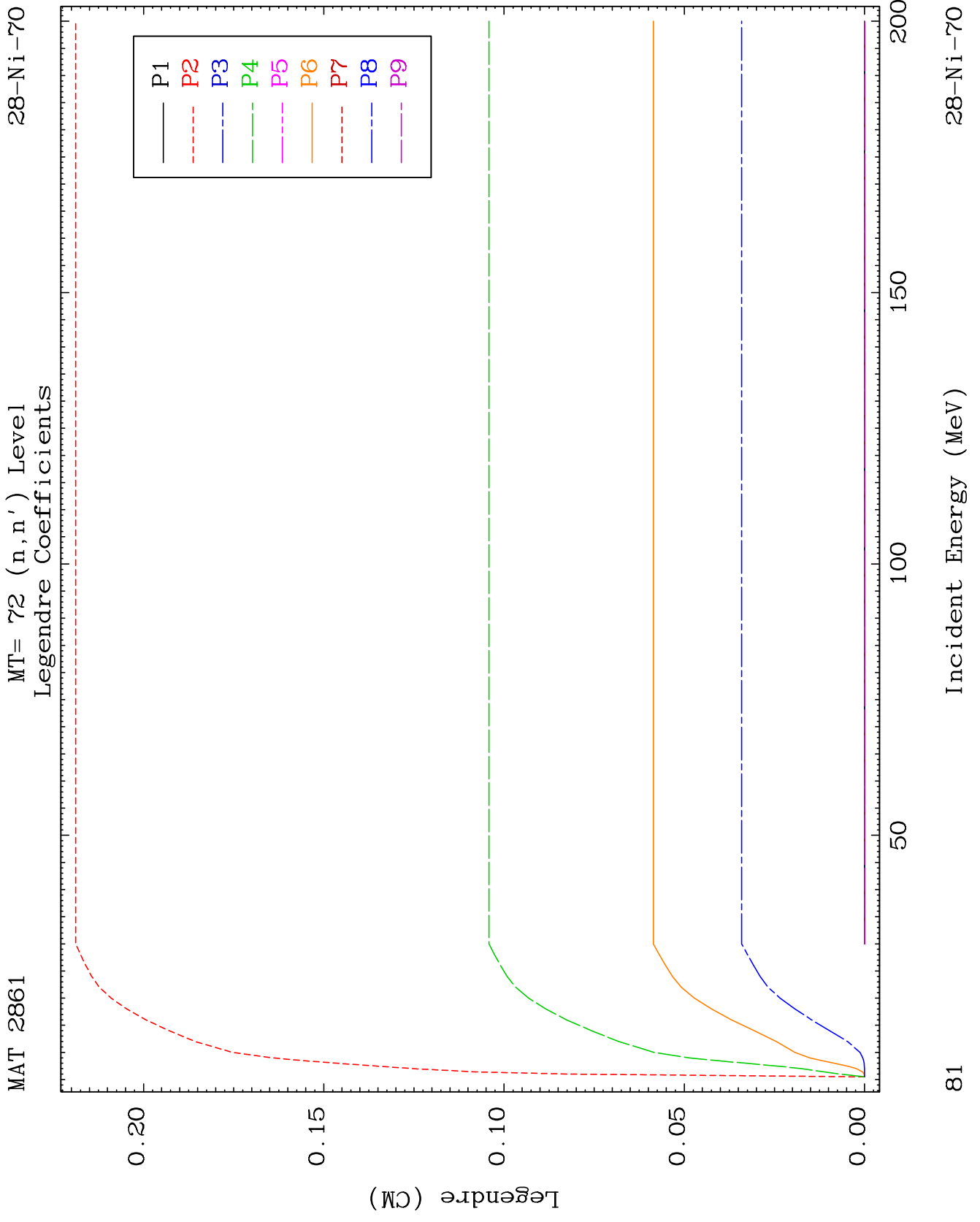


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Incident Energy (MeV)

28-Ni-70

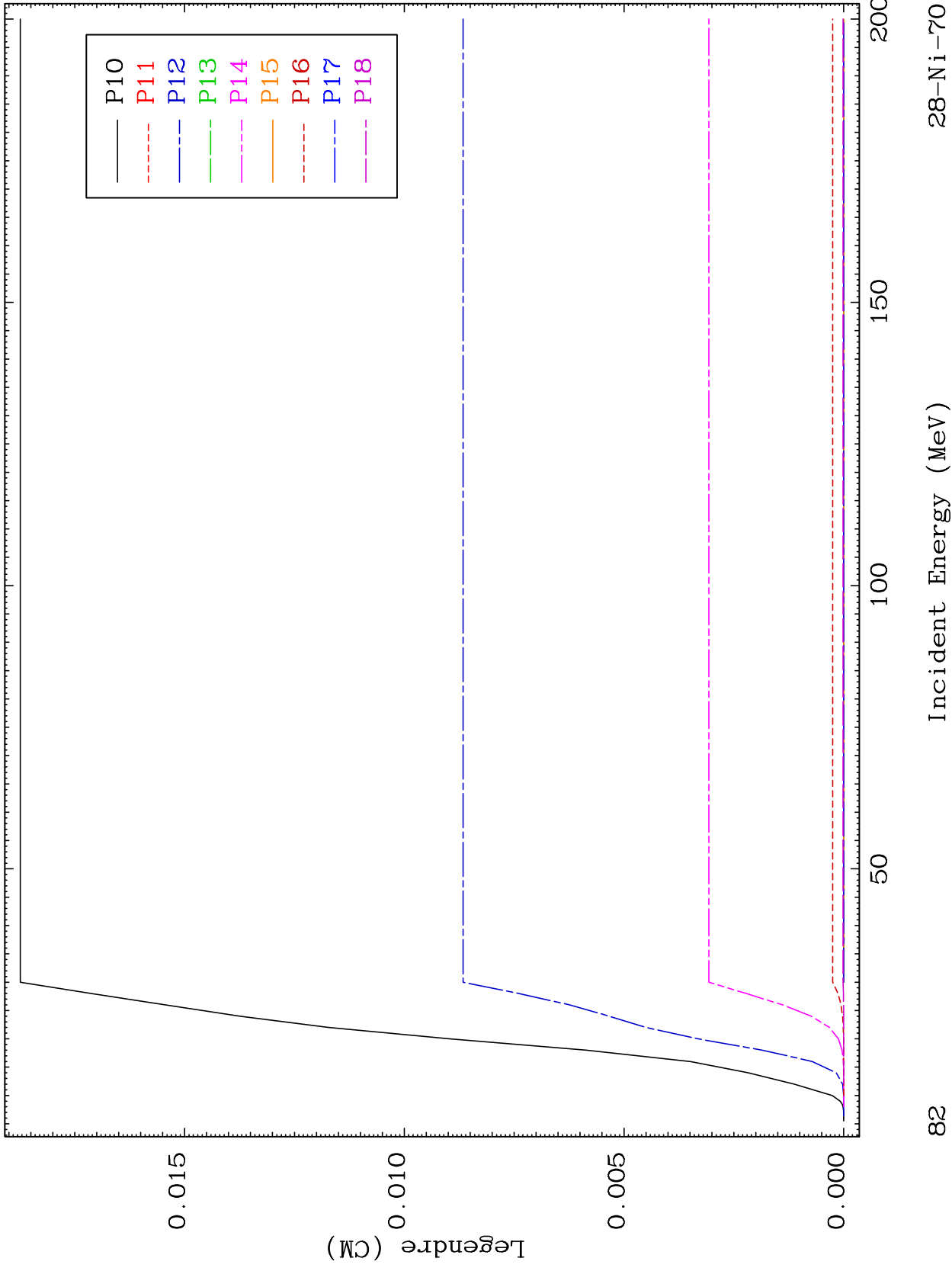




MAT 2861

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

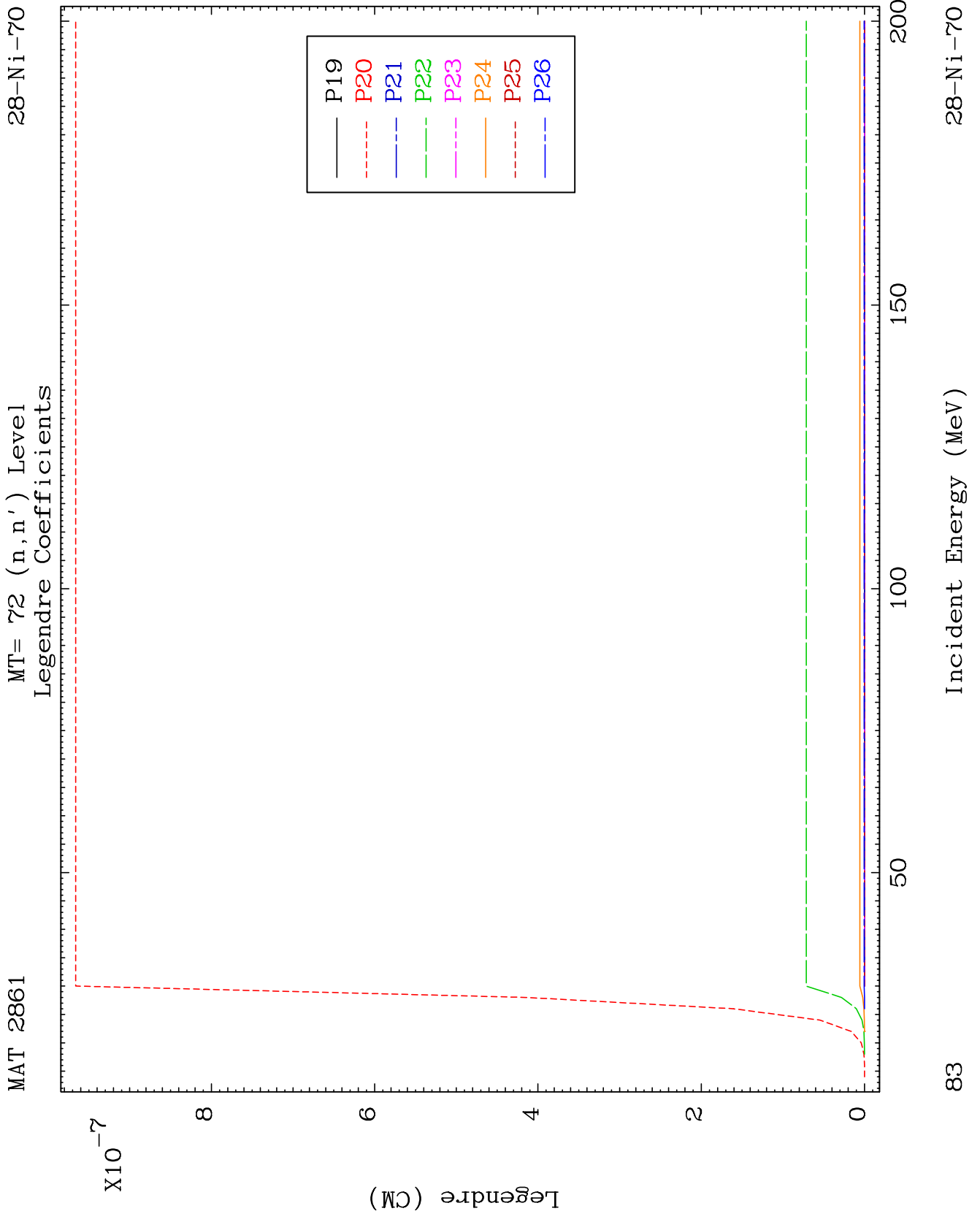
28-Ni-70



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Incident Energy (MeV)

28-Ni-70

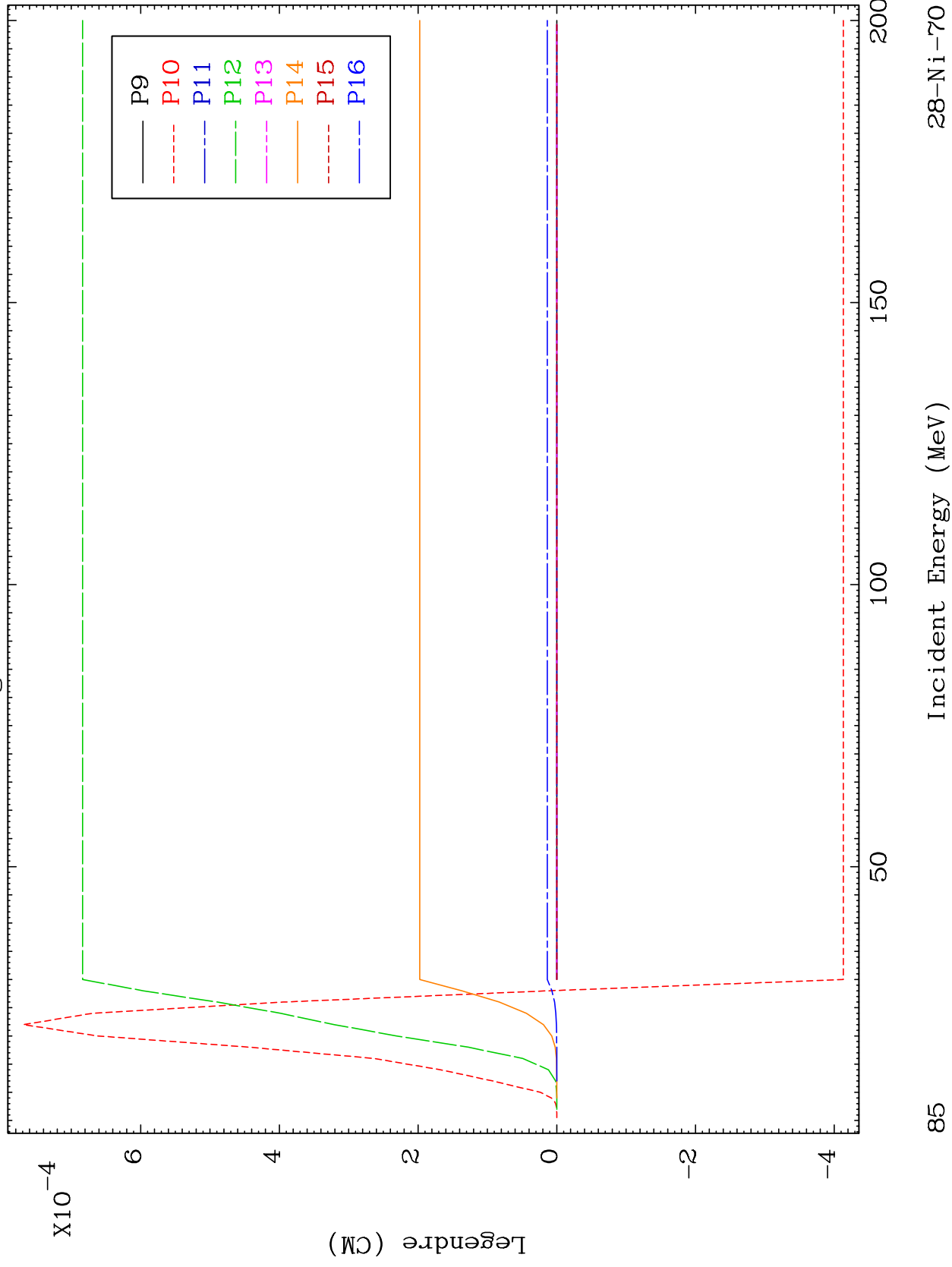




MAT 2861

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

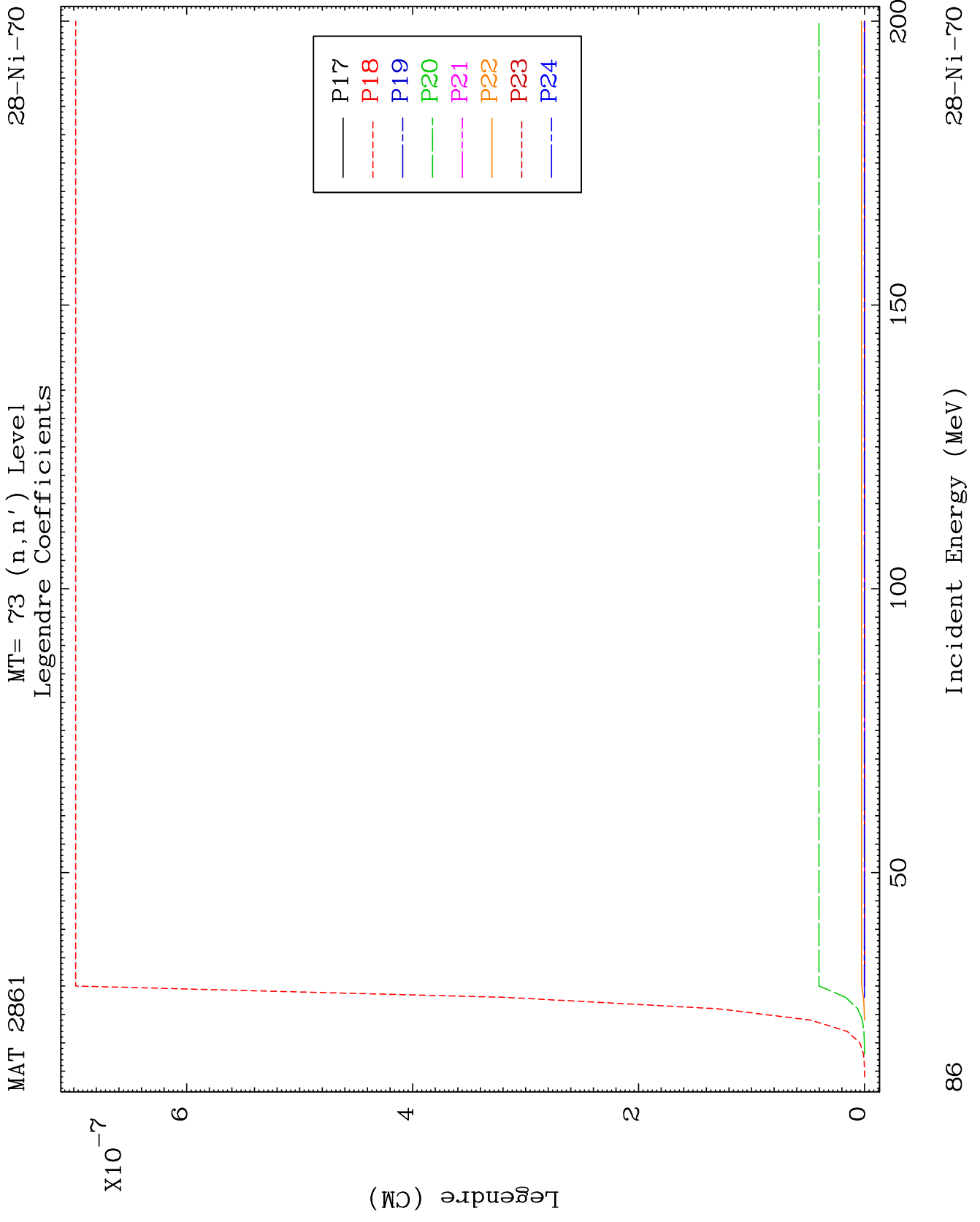
28-Ni-70



85

Incident Energy (MeV)

28-Ni-70

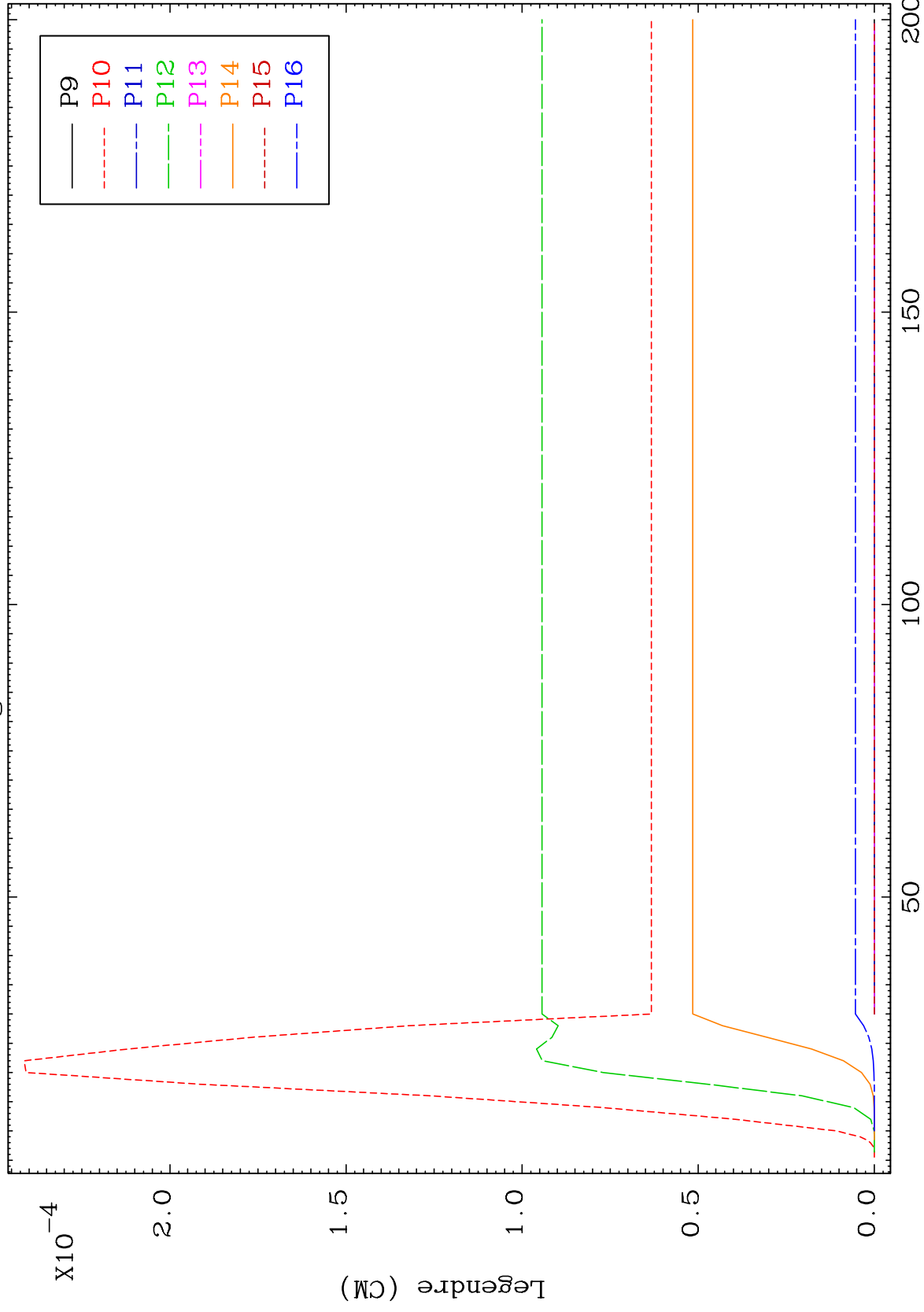




MAT 2861

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

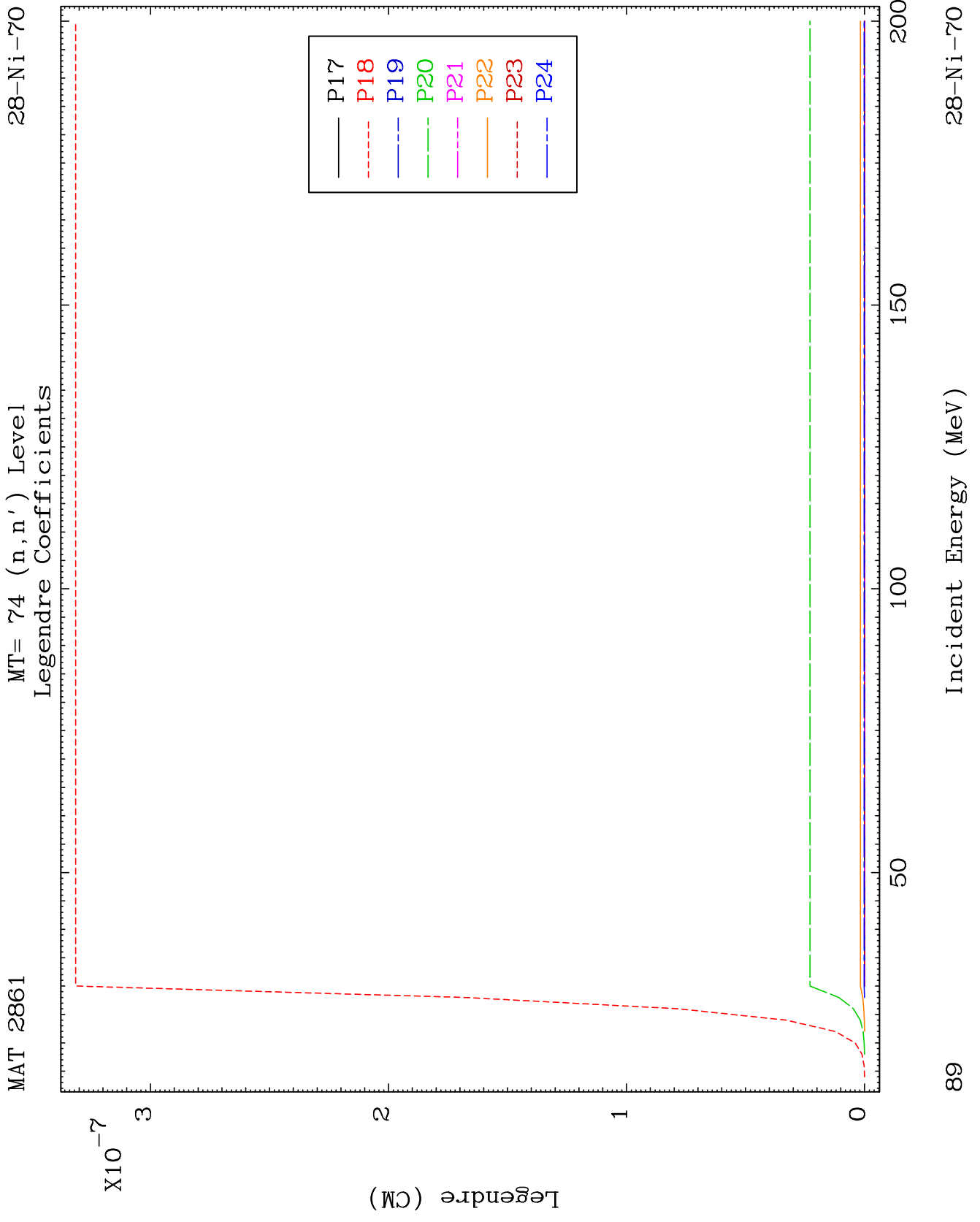
28-Ni-70



88

Incident Energy (MeV)

28-Ni-70

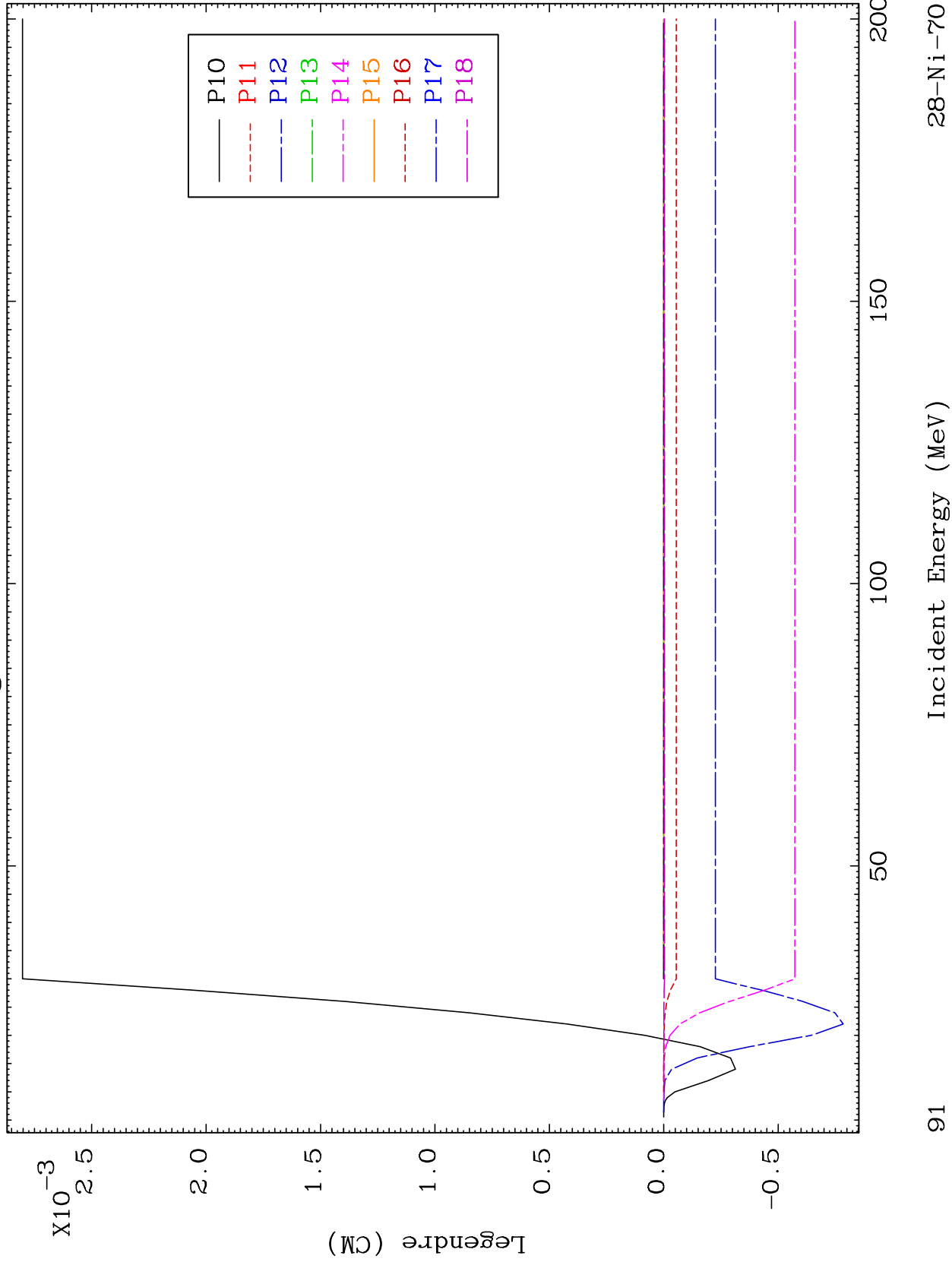




MAT 2861

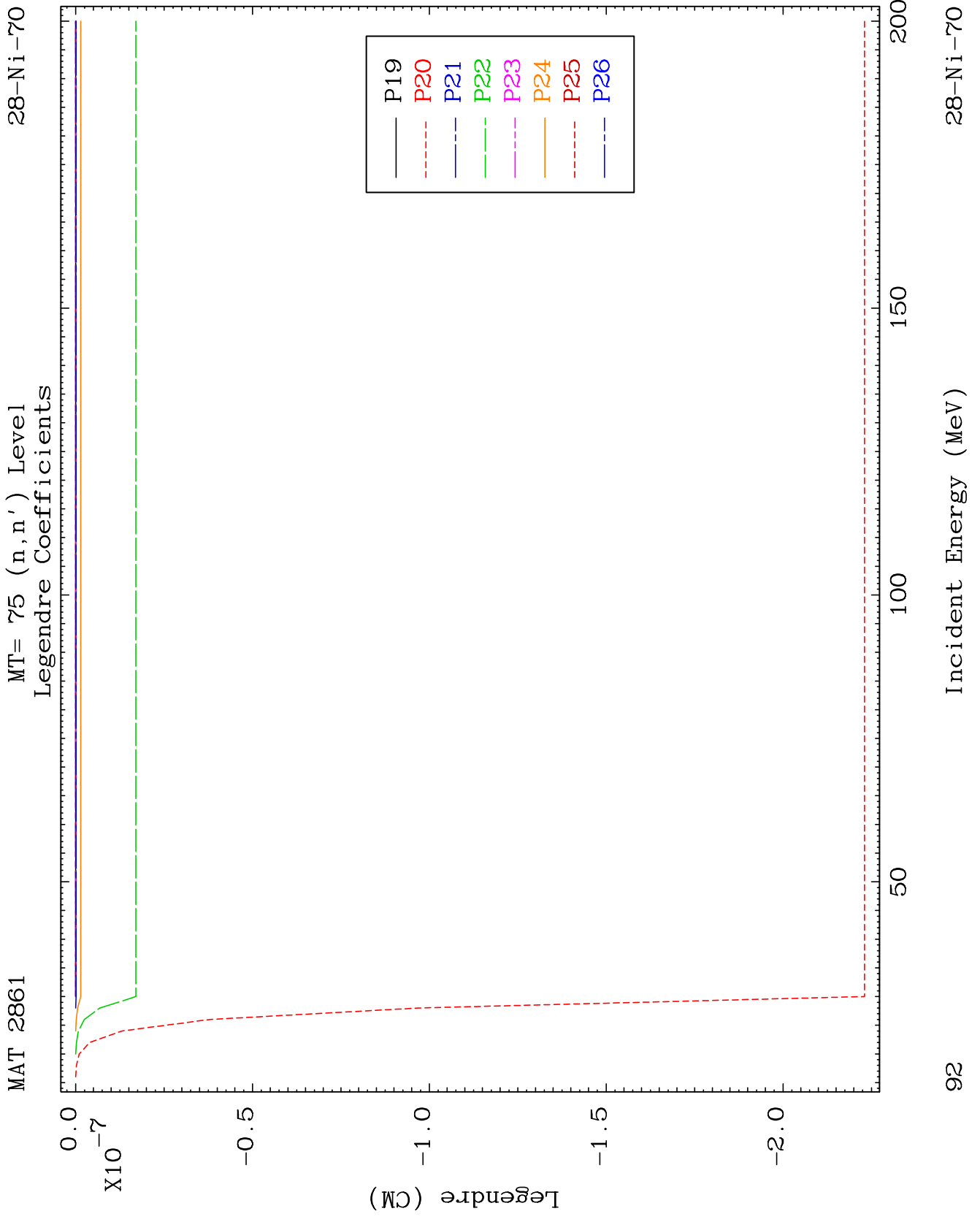
MT= 75 (n,n') Level  
Legendre Coefficients

28-Ni-70



91

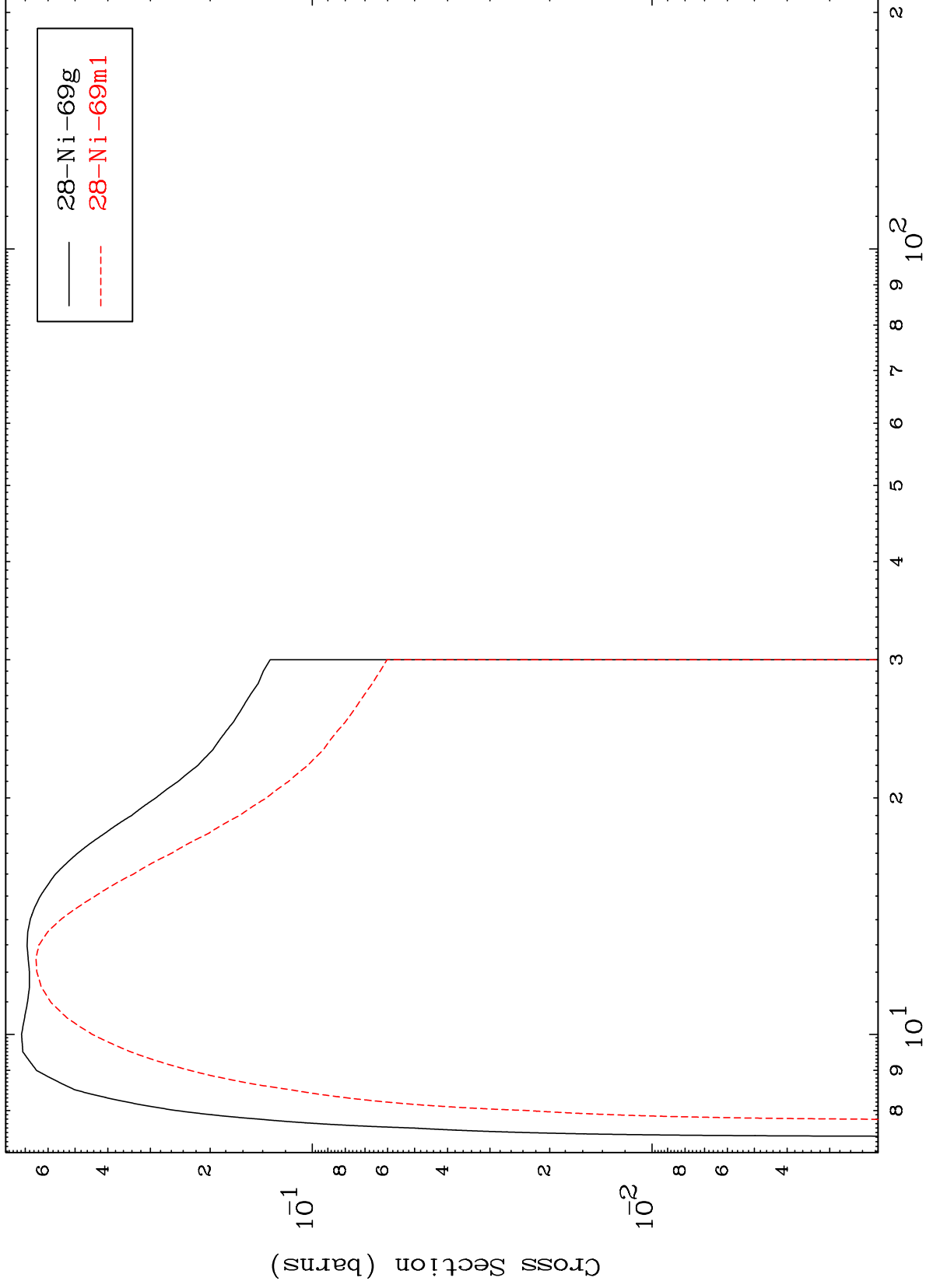
28-Ni-70



MAT 2861

28-Ni-70

(n,2n)  
Radionuclide Production Cross Section



93

Incident Energy (MeV)

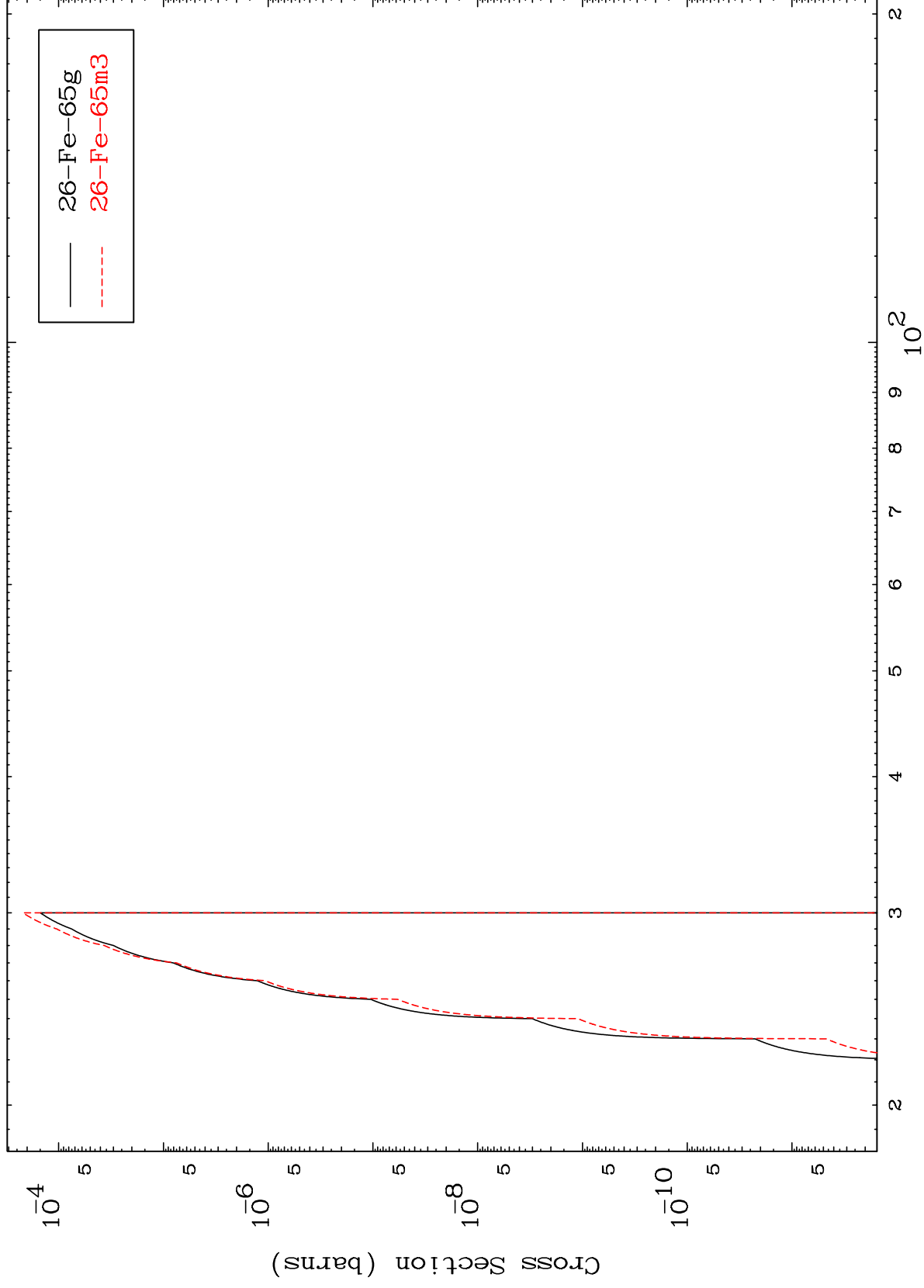
28-Ni-70

MAT 2861

(n,2n)  $\alpha$

28-Ni-70

Radionuclide Production Cross Section



94

Incident Energy (MeV)

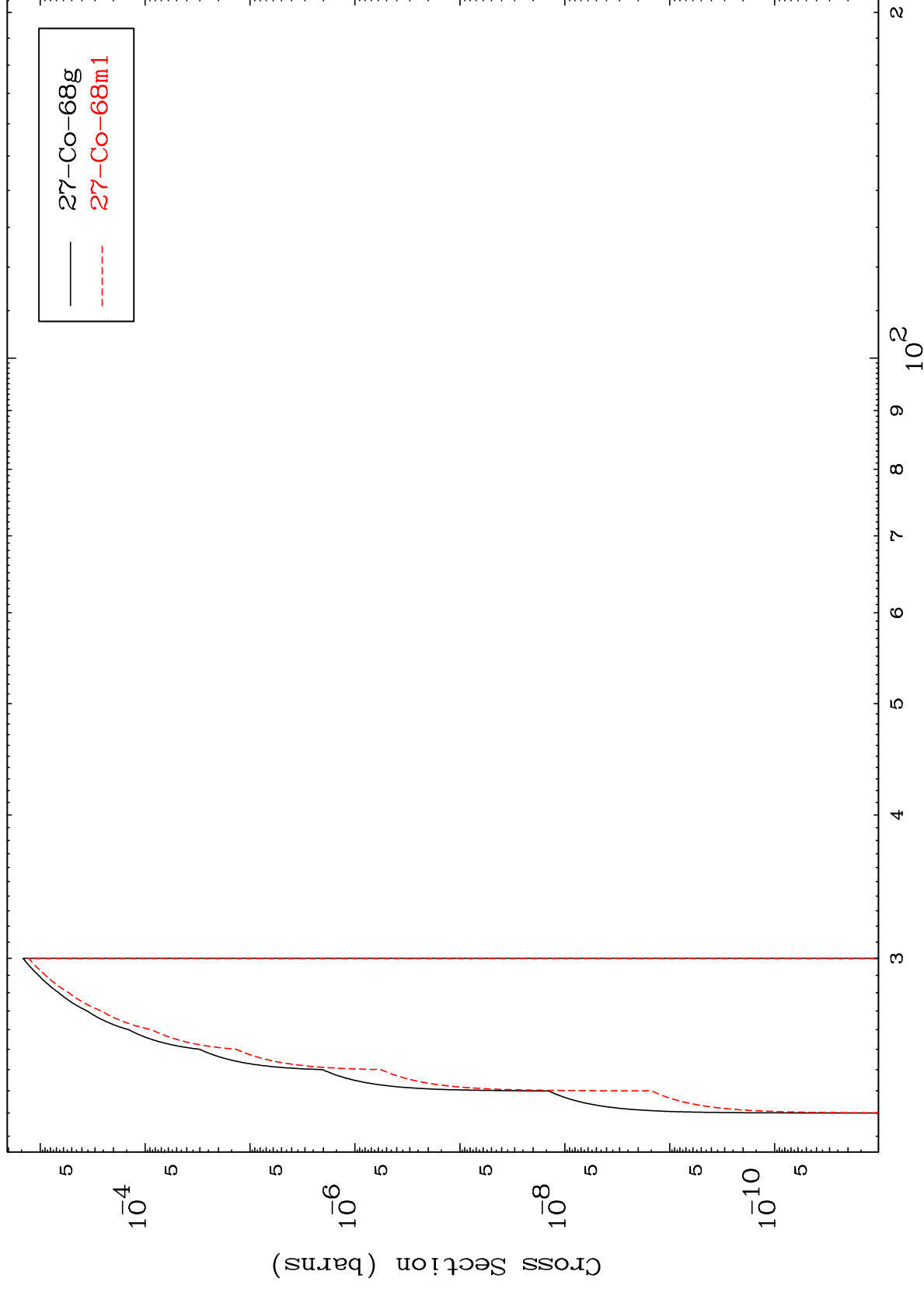
28-Ni-70

MAT 2861

(n,n') d

28-Ni-70

Radionuclide Production Cross Section



95

Incident Energy (MeV)

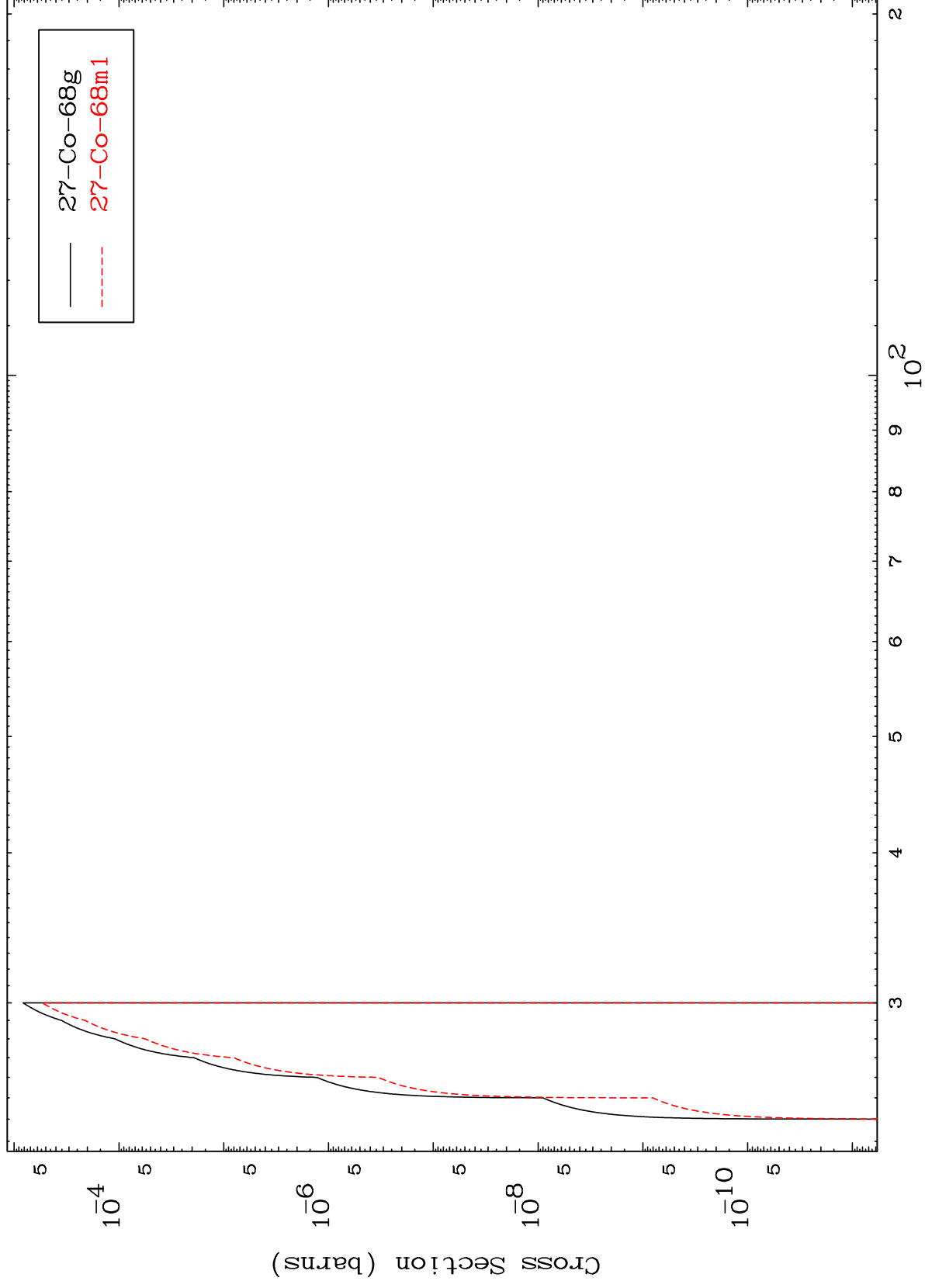
28-Ni-70

MAT 2861

(n,2n) p

<sup>28</sup>Ni-70

Radionuclide Production Cross Section



96

Incident Energy (MeV)

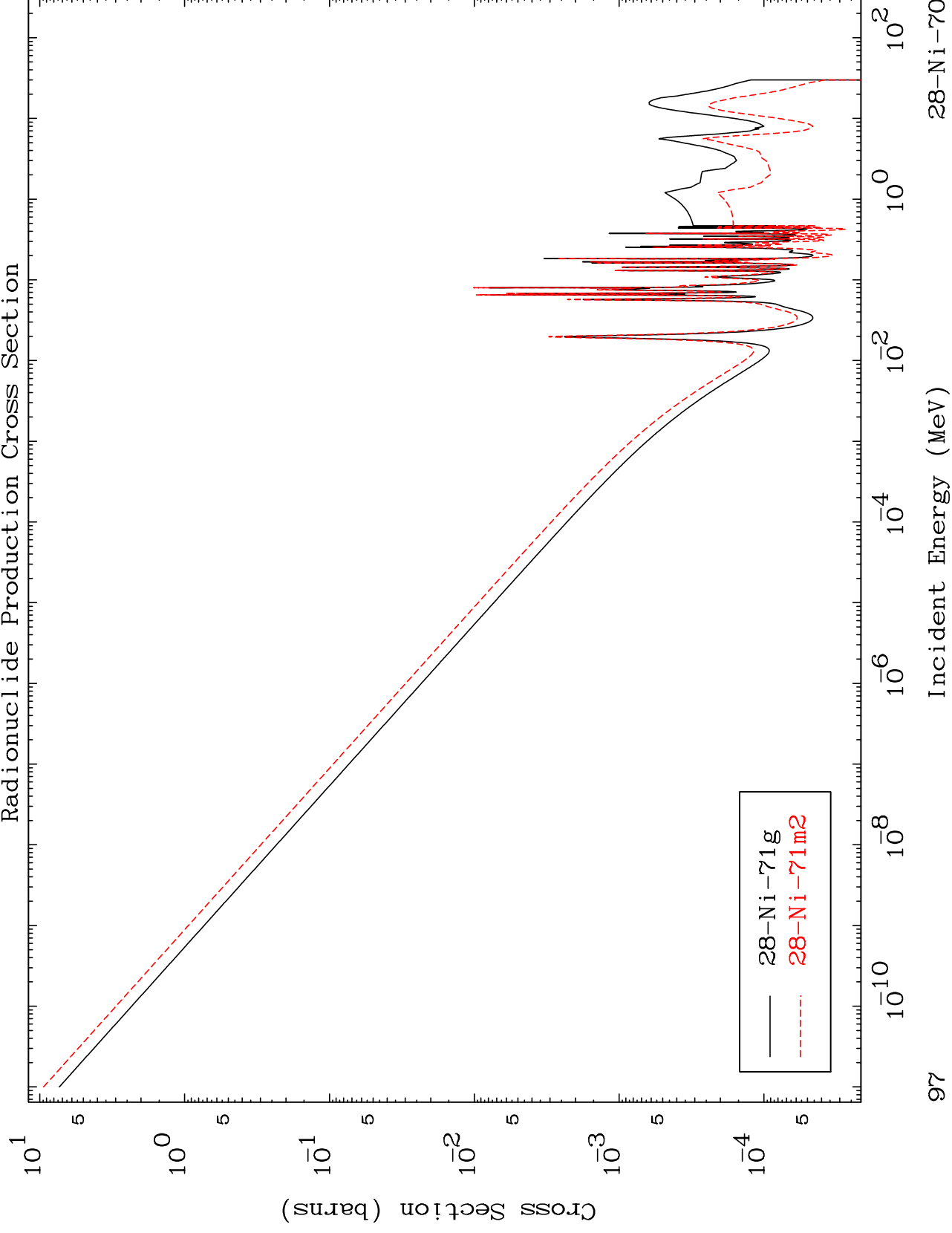
<sup>28</sup>Ni-70

MAT 2861

28-Ni-70

Radionuclide Production Cross Section

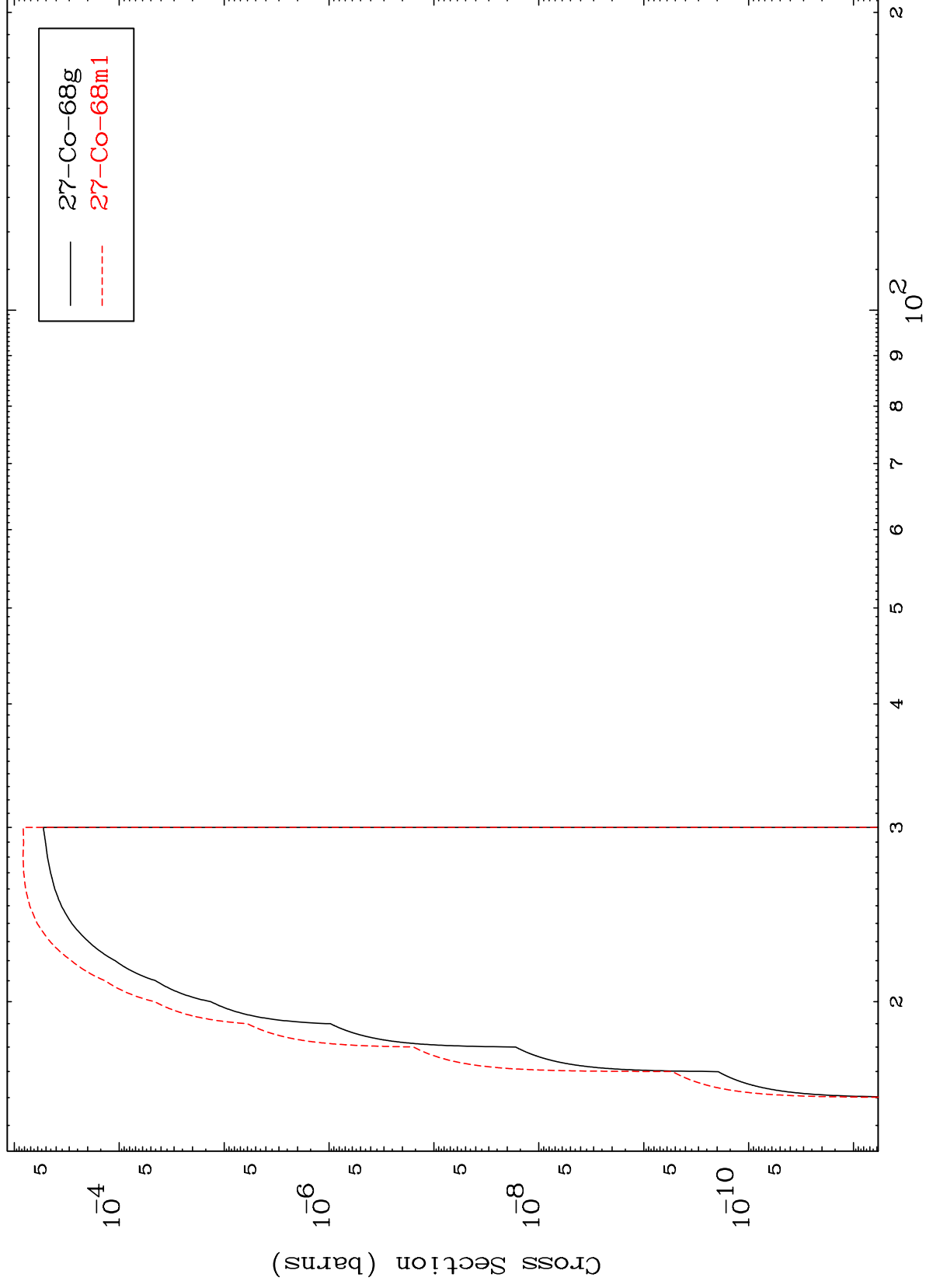
(n,  $\gamma$ )



MAT 2861

28-Ni-70

(n,t)  
Radionuclide Production Cross Section



98

Incident Energy (MeV)

28-Ni-70