

Program EVALPLOT  
(Version 2021-1)

by

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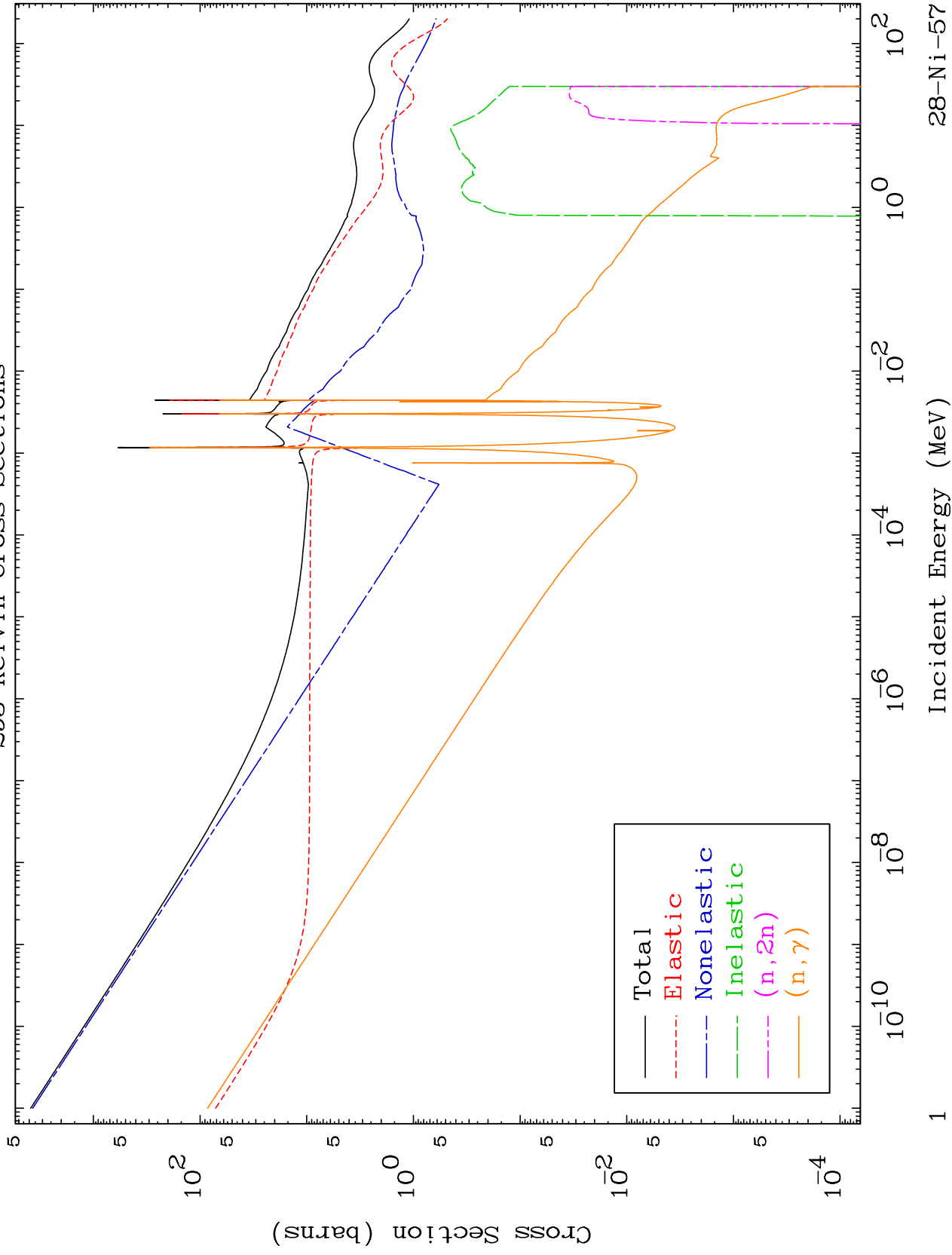
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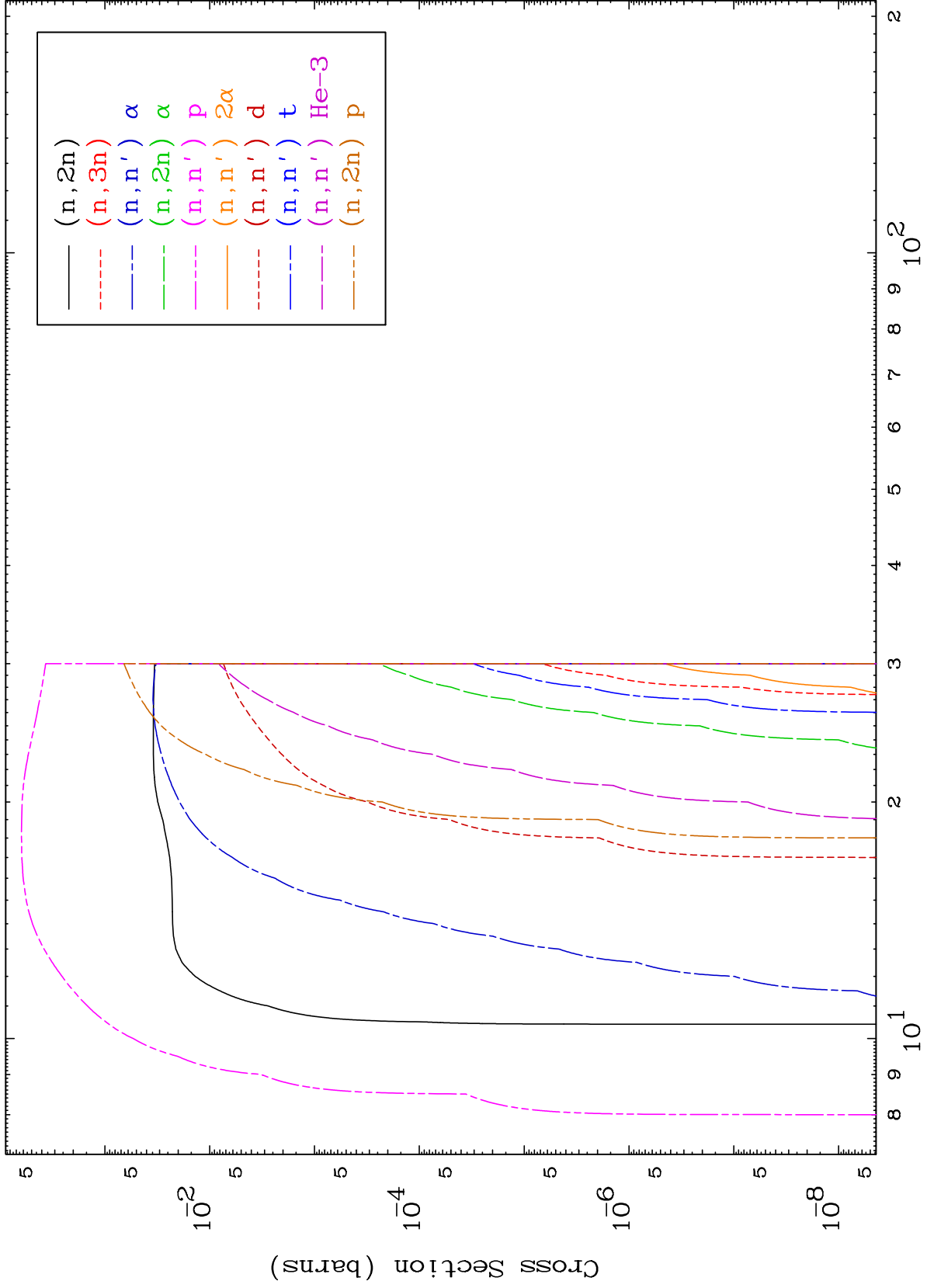
Press Mouse Button to Start

MAT 2822

Neutron Major  
293 Kelvin Cross Sections

28-Ni-57

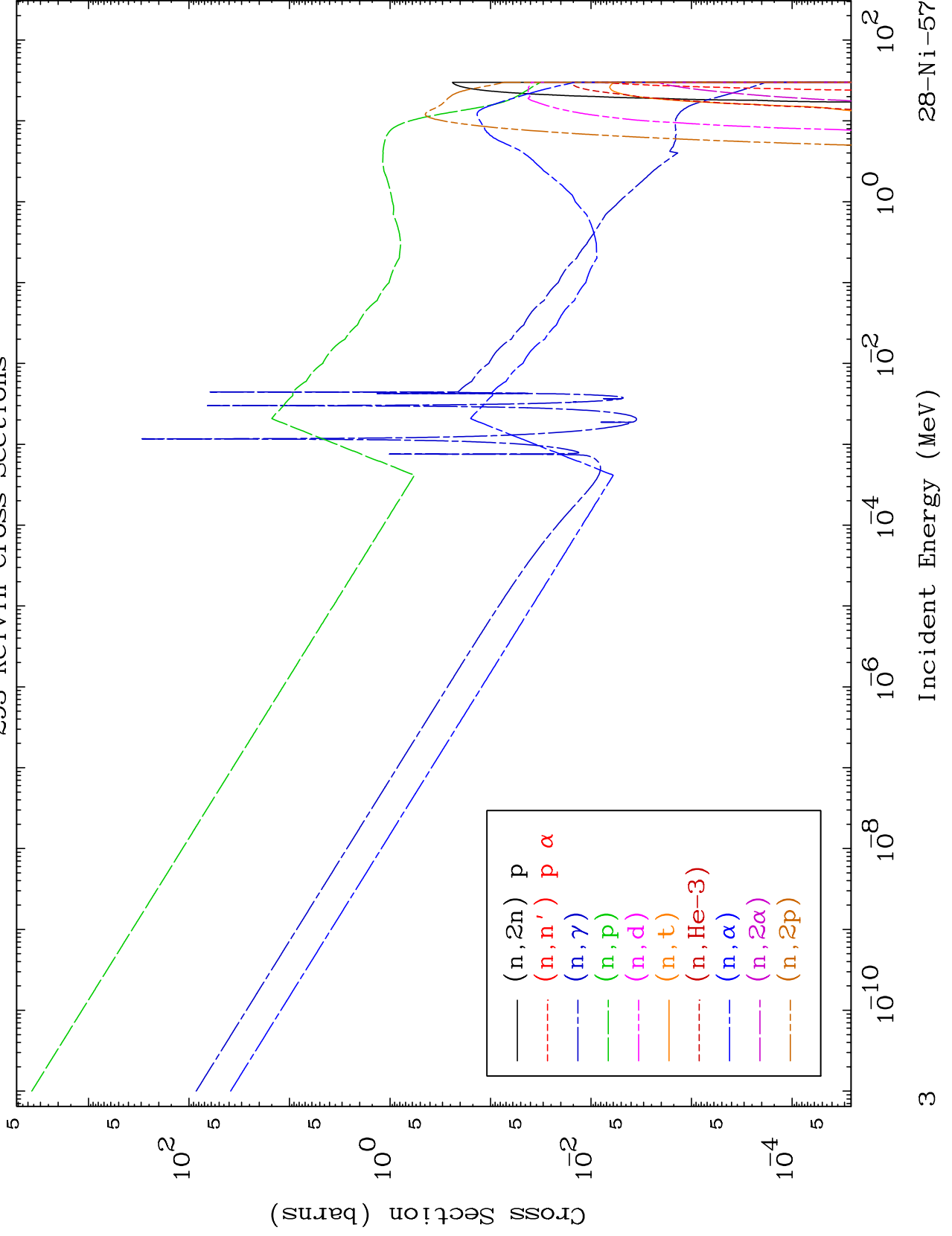




MAT 2822

Neutron Absorption  
293 Kelvin Cross Sections

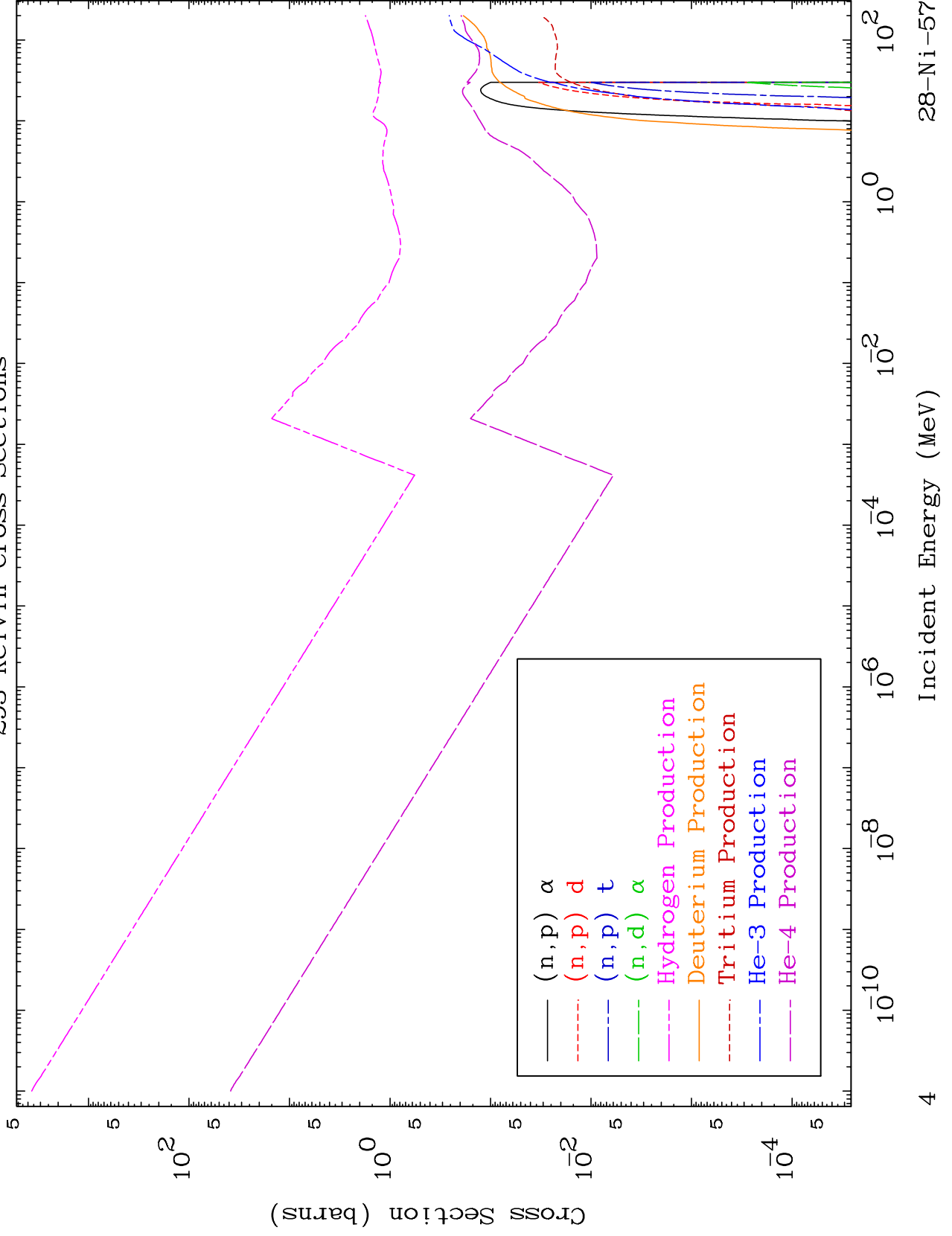
28-Ni-57



MAT 2822

Neutron Absorption  
293 Kelvin Cross Sections

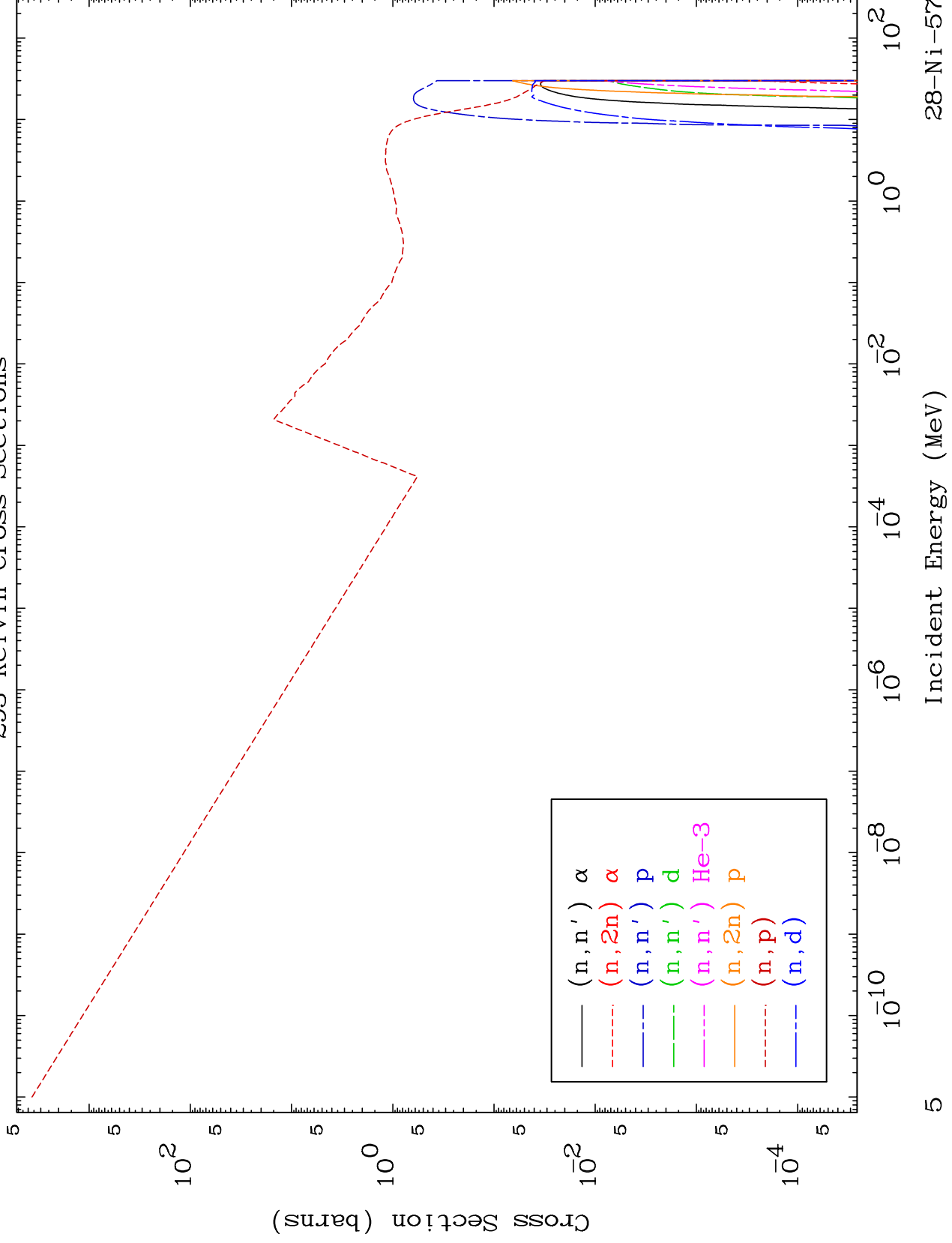
28-Ni-57



MAT 2822

Charged Particle  
293 Kelvin Cross Sections

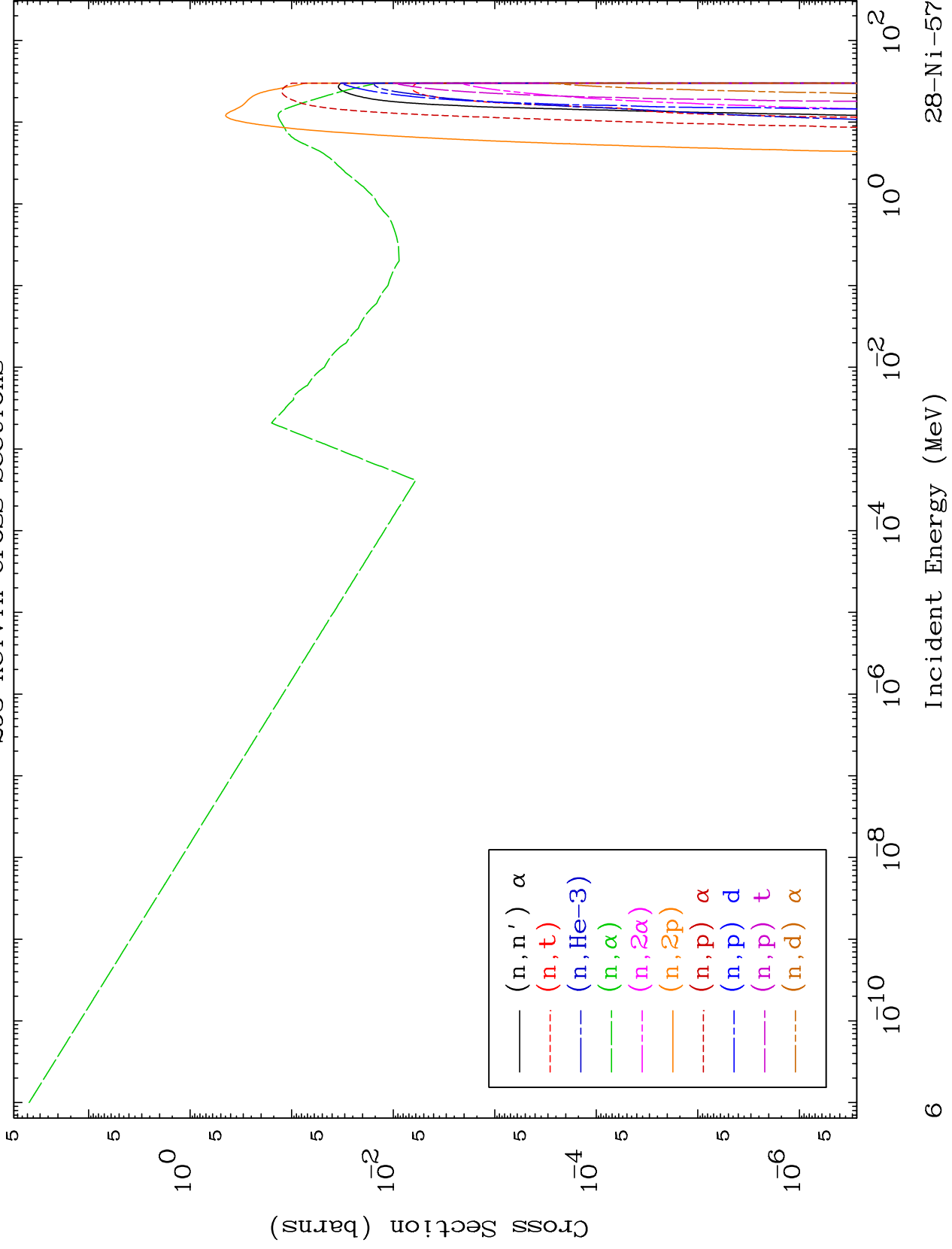
28-Ni-57



MAT 2822

Charged Particle  
293 Kelvin Cross Sections

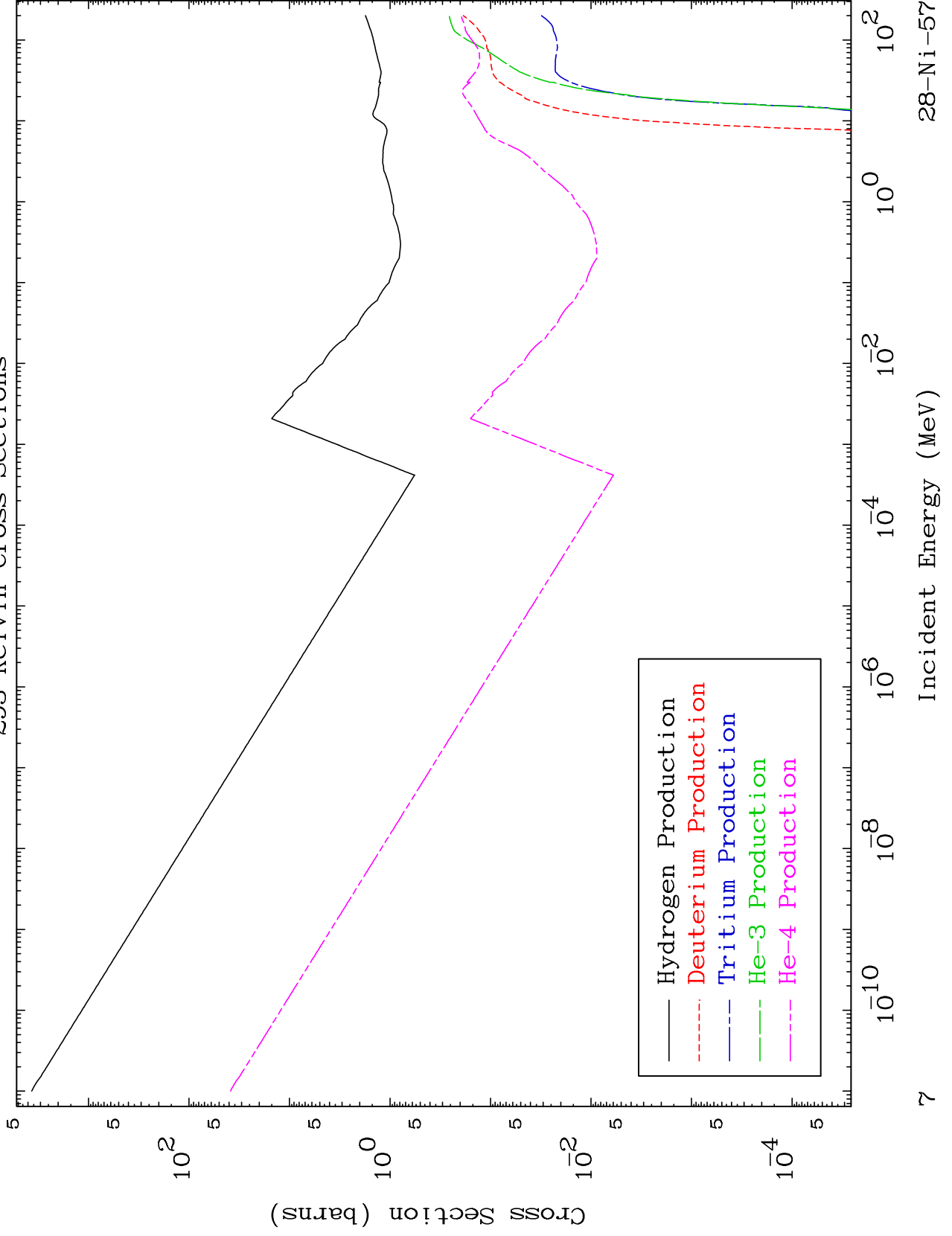
28-Ni-57



MAT 2822

Particle Production  
293 Kelvin Cross Sections

28-Ni-57



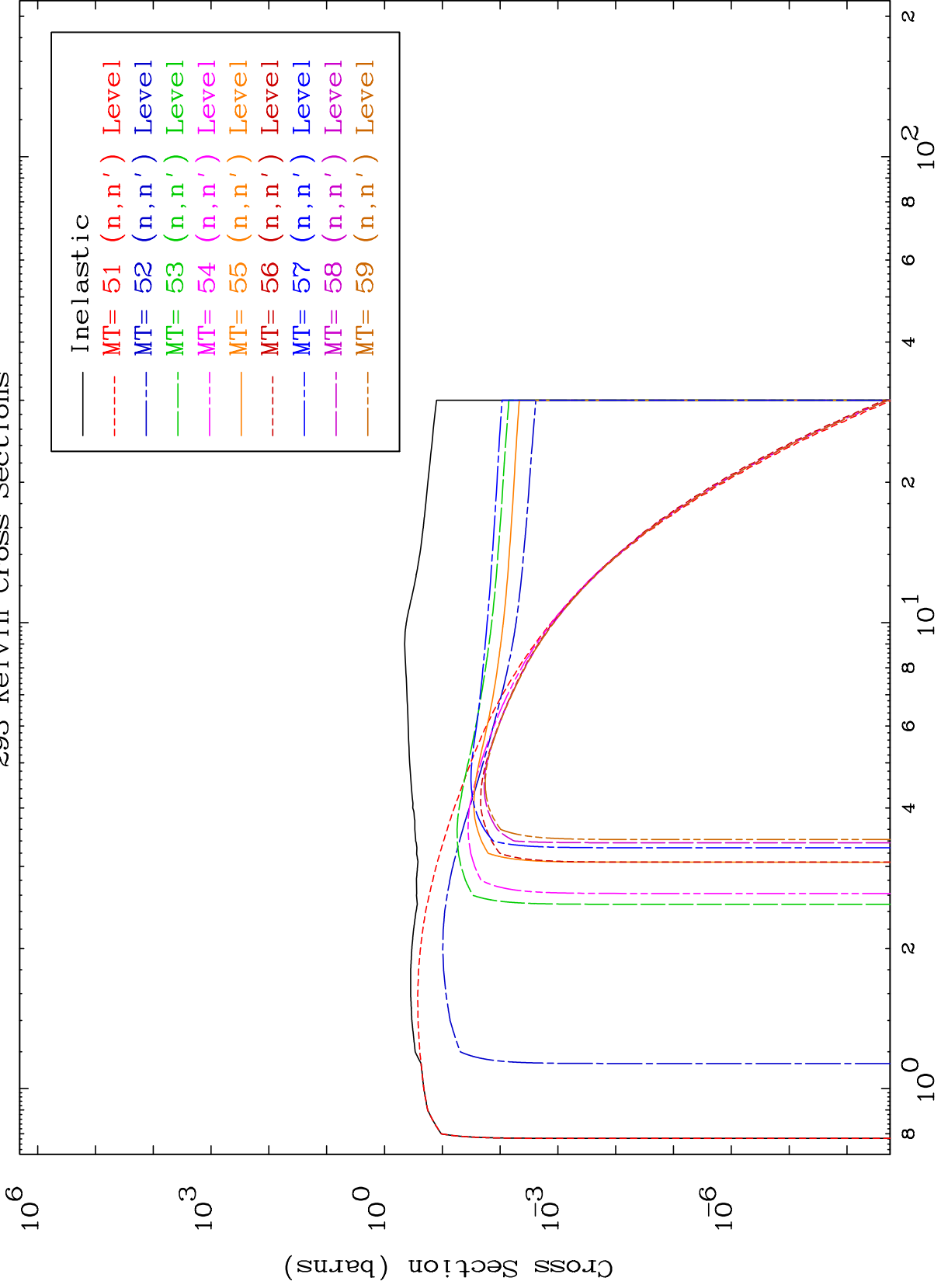


MAT 2822

(n,n') Levels

28-Ni-57

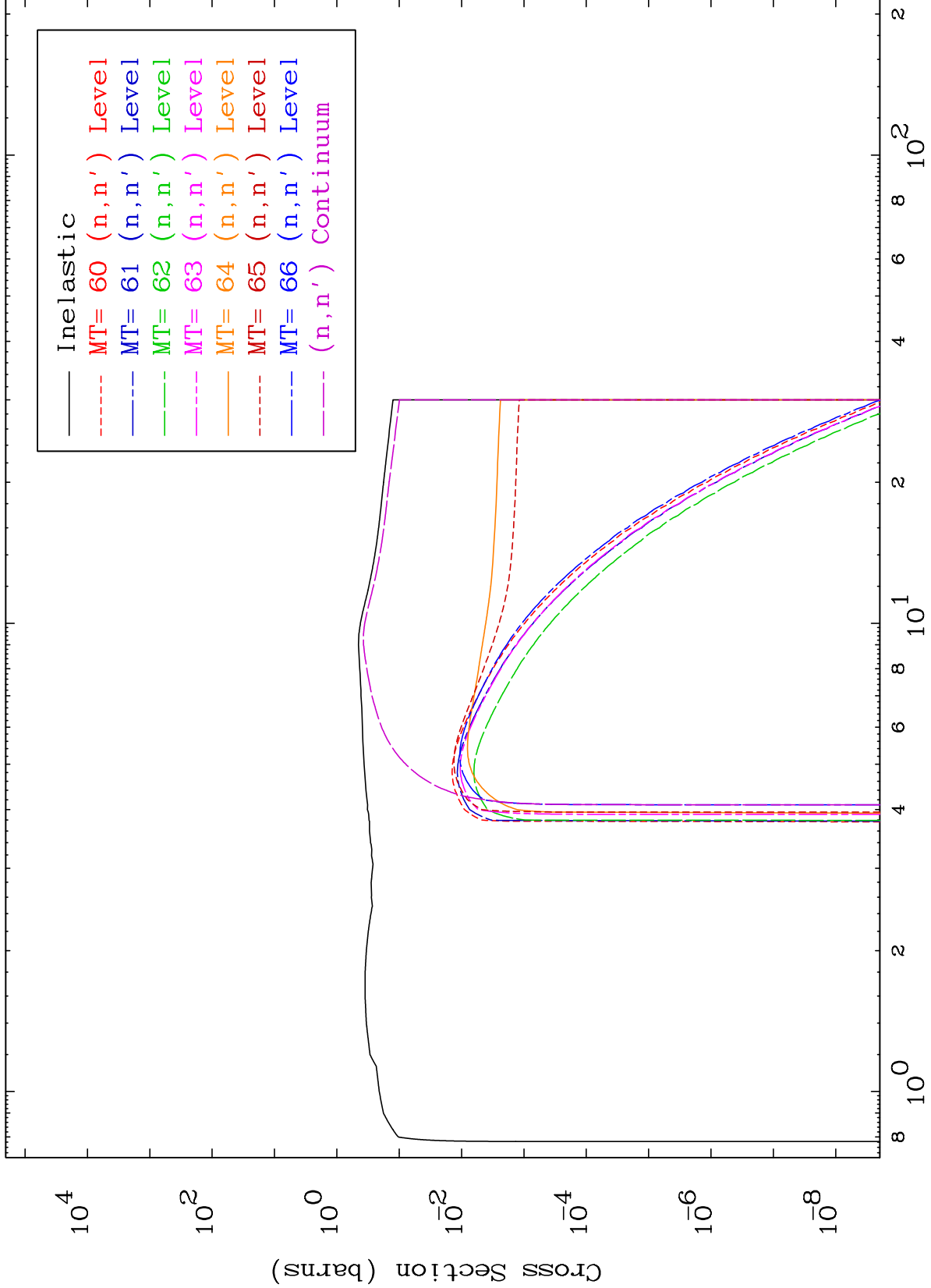
293 Kelvin Cross Sections



8

Incident Energy (MeV)

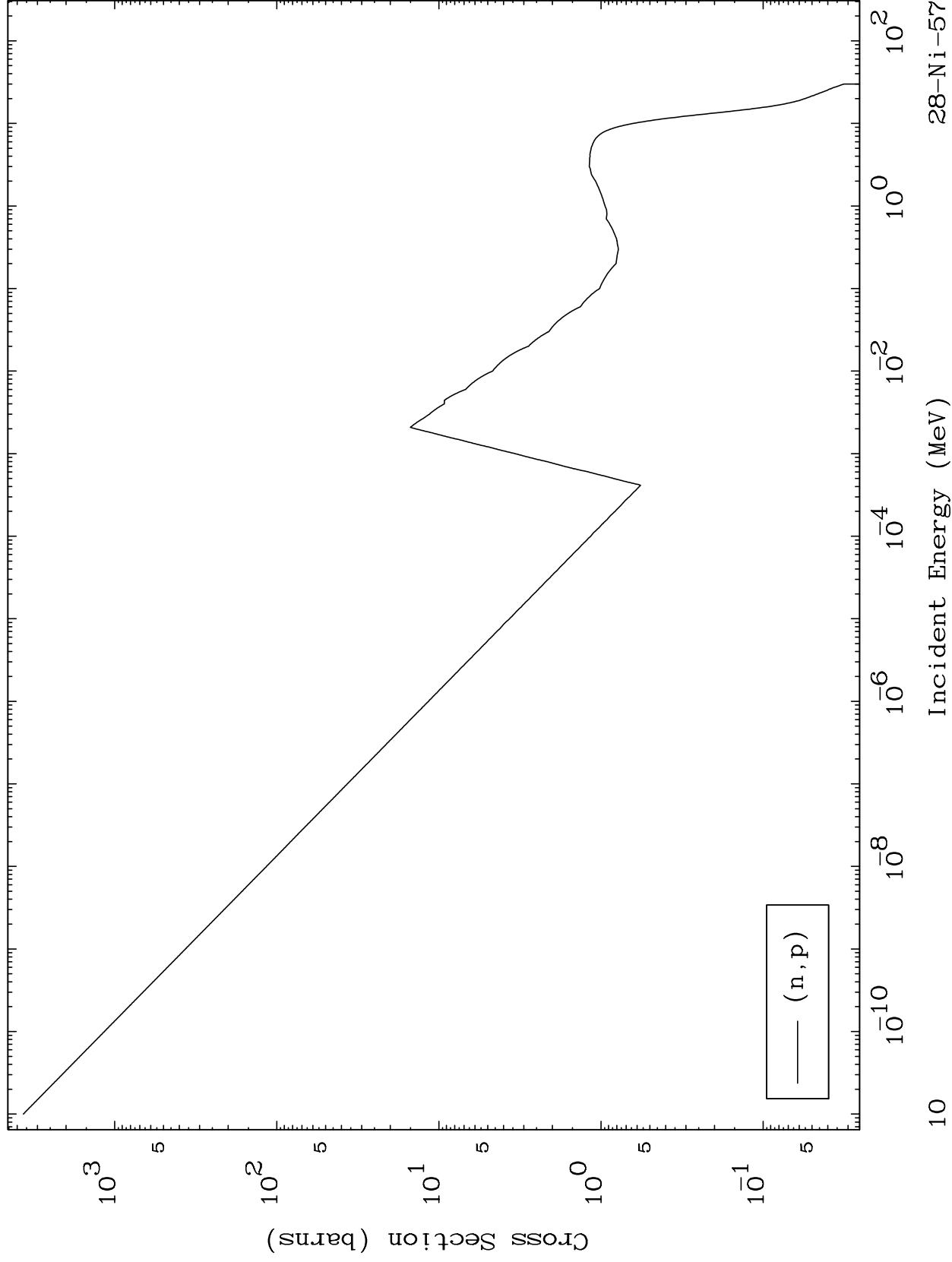
28-Ni-57



MAT 2822

(n,p) Levels  
293 Kelvin Cross Sections

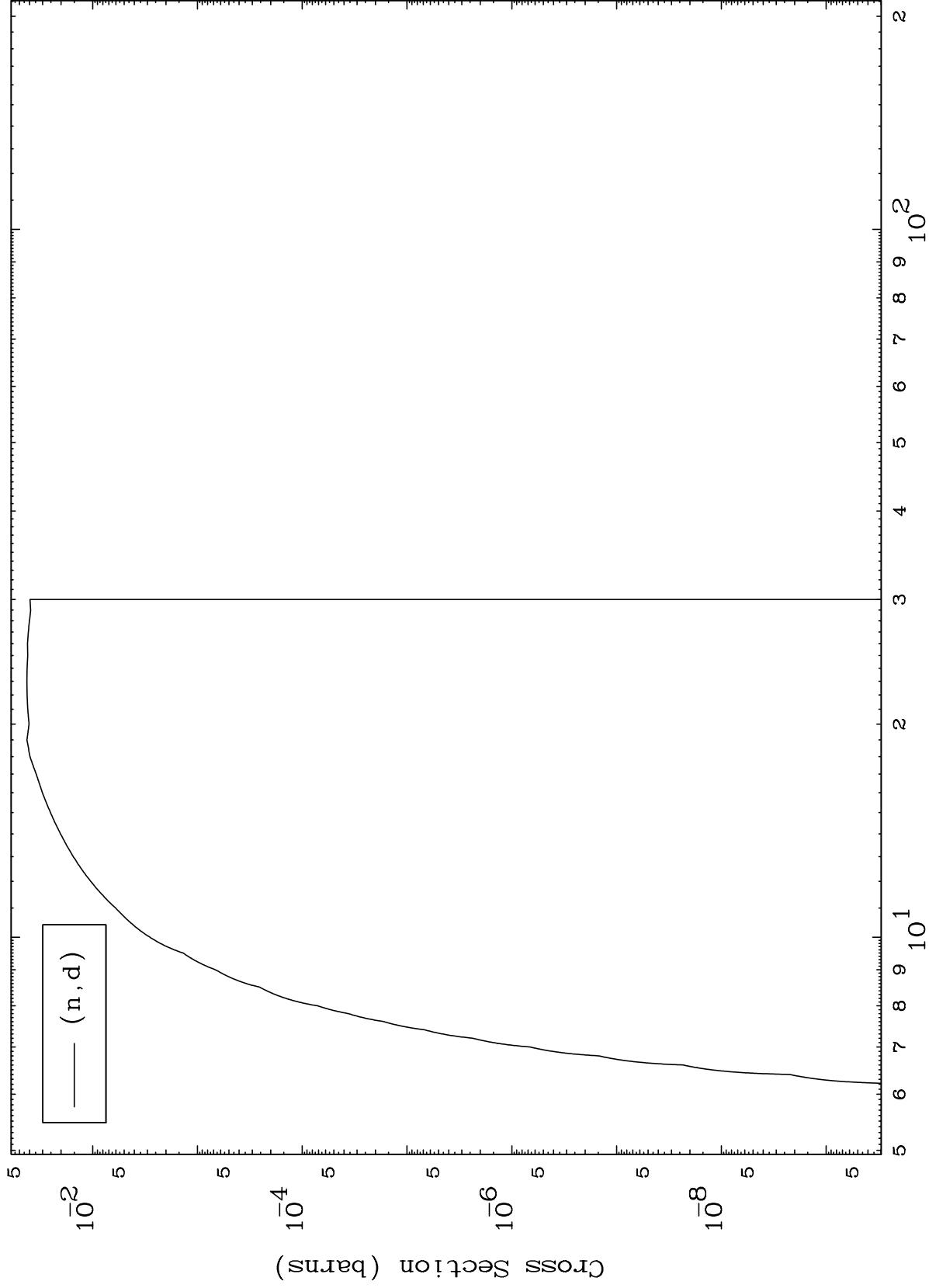
28-Ni-57



MAT 28222

(n,d) Levels  
293 Kelvin Cross Sections

28-Ni-57



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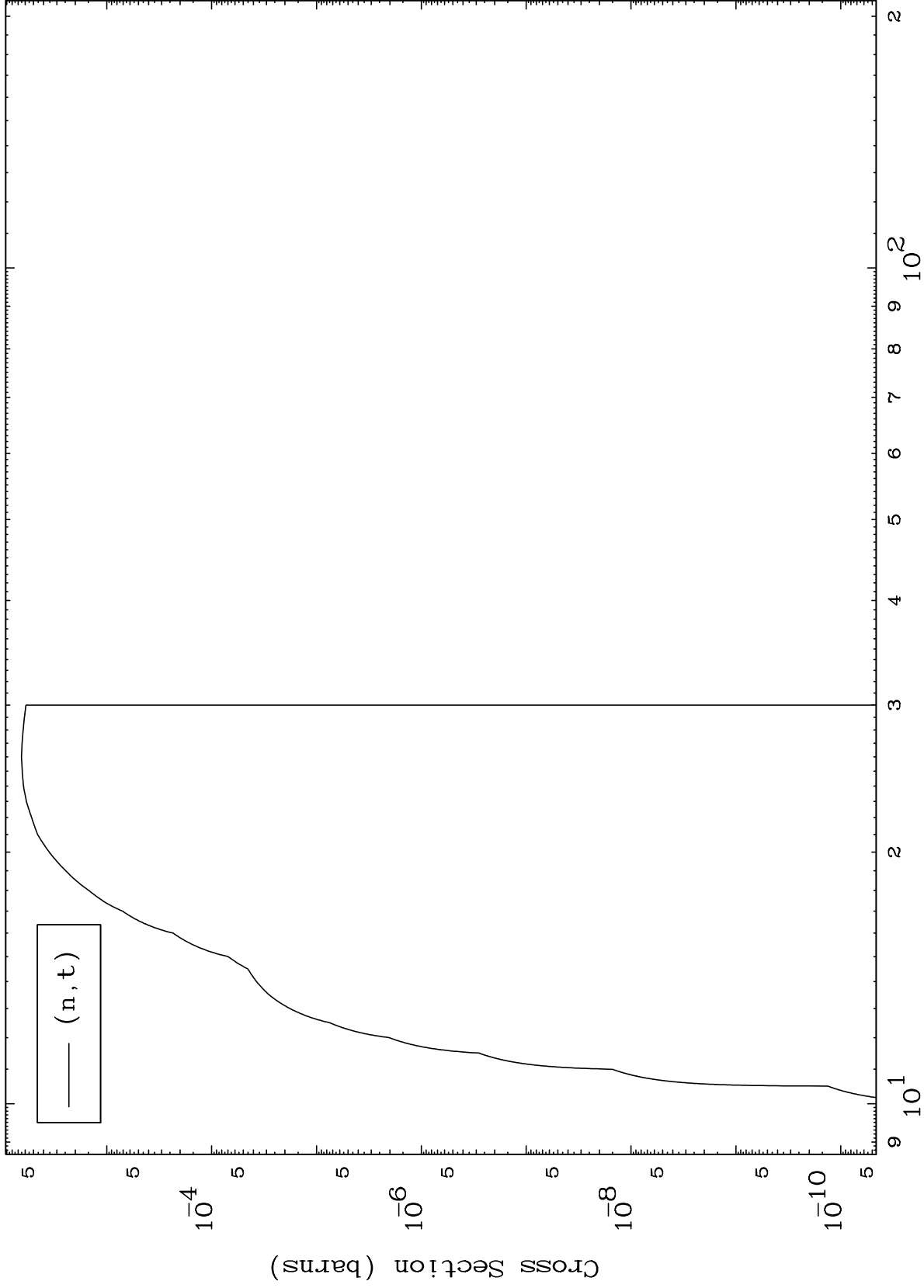
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,t) Levels  
293 Kelvin Cross Sections

28-Ni-57



12

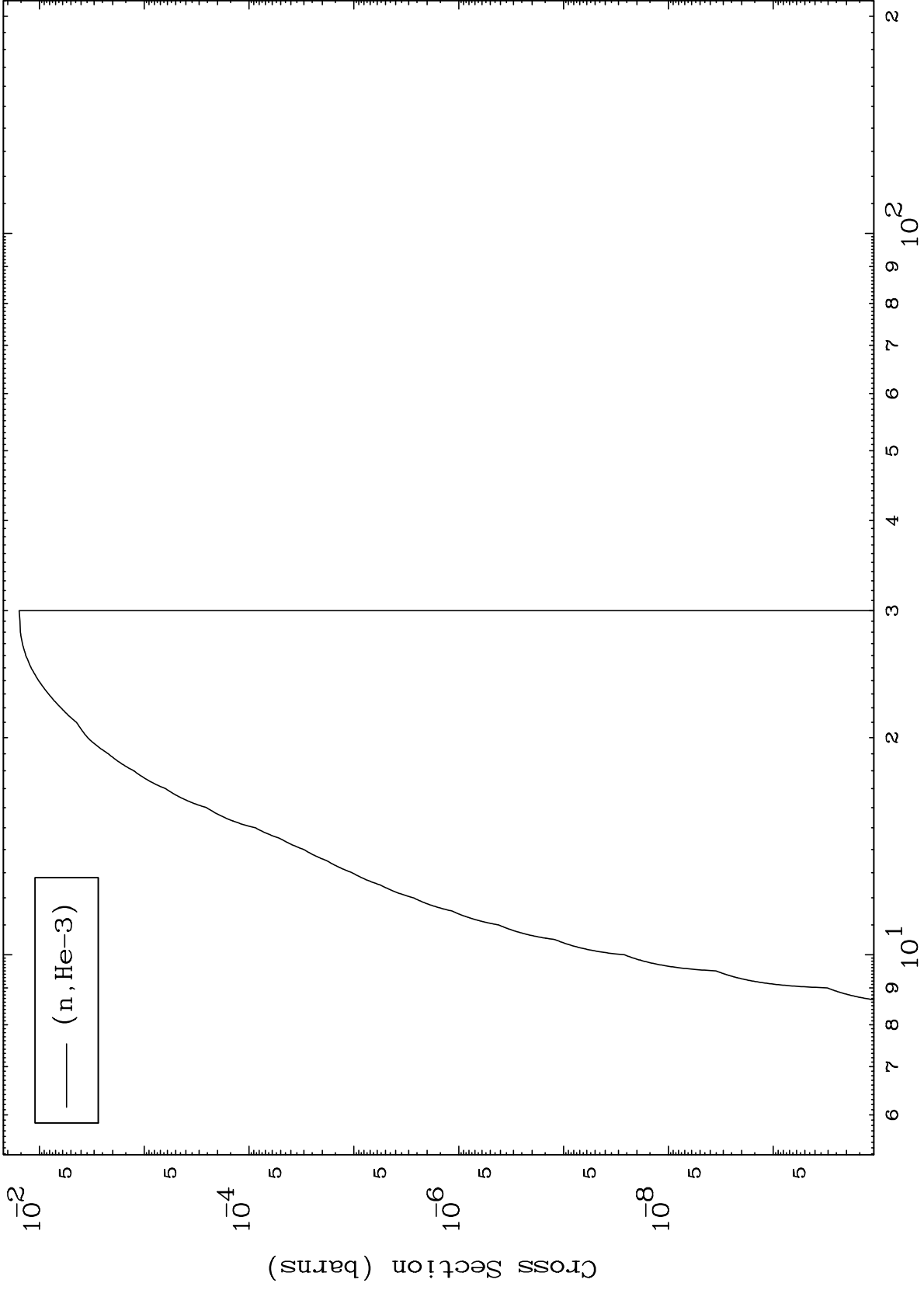
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,He3) Levels  
293 Kelvin Cross Sections

28-Ni-57



13

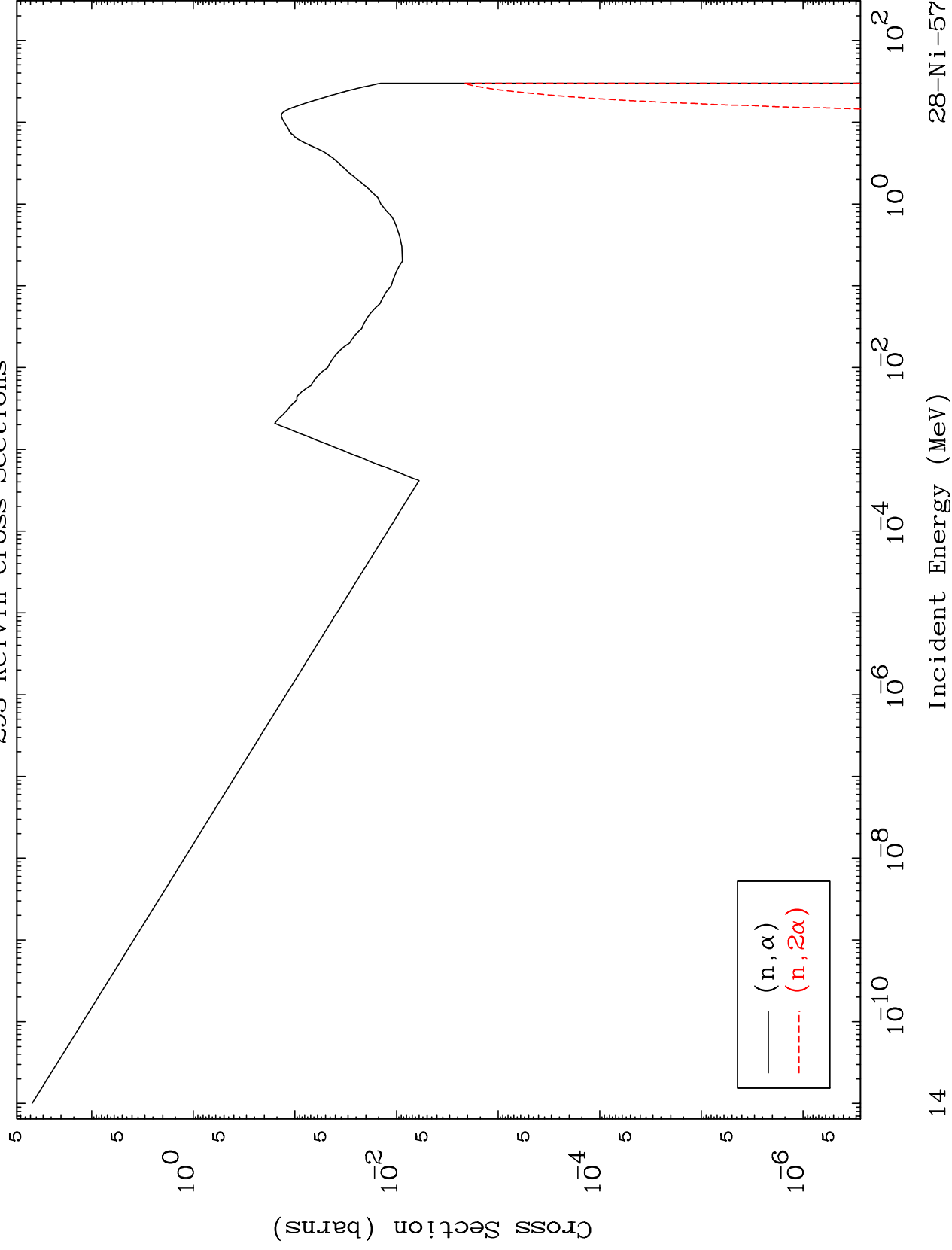
Incident Energy (MeV)

28-Ni-57

MAT 2822

(n,α) Levels  
293 Kelvin Cross Sections

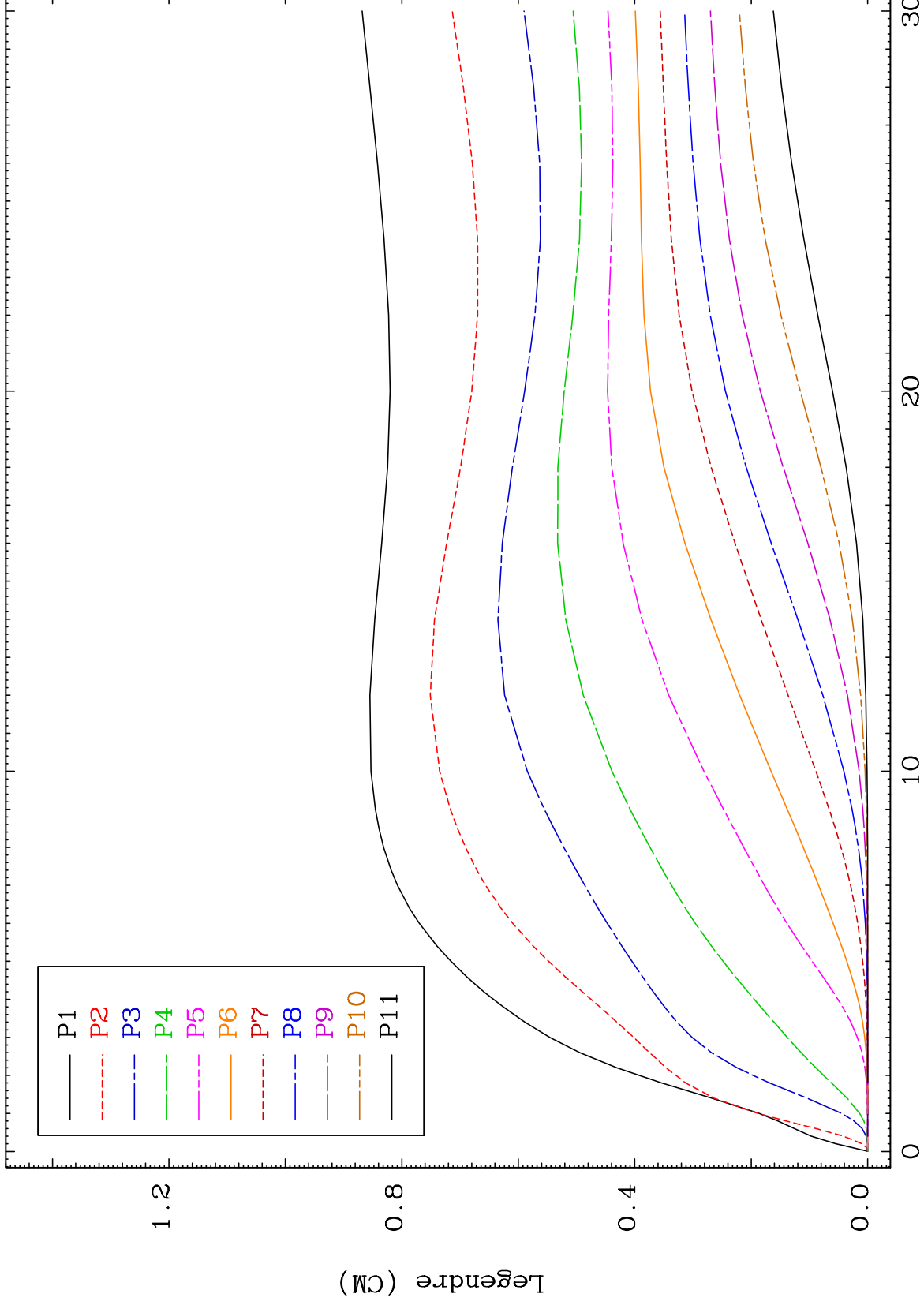
28-Ni-57



MAT 28222

Elastic Legendre Coefficients

<sup>28</sup>Ni-57



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Incident Energy (MeV)

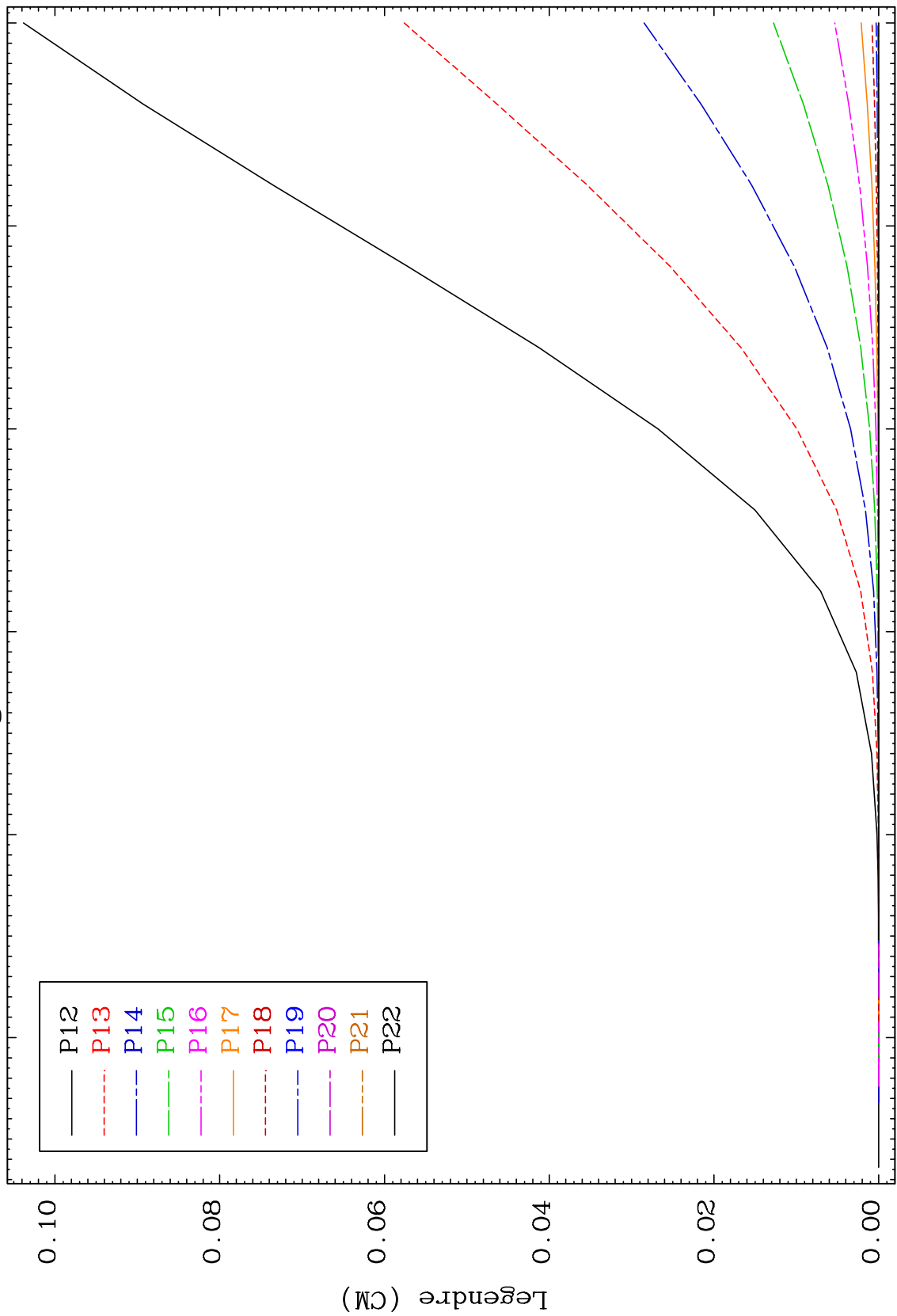
<sup>28</sup>Ni-57



MAT 2822

Elastic Legendre Coefficients

28-Ni-57



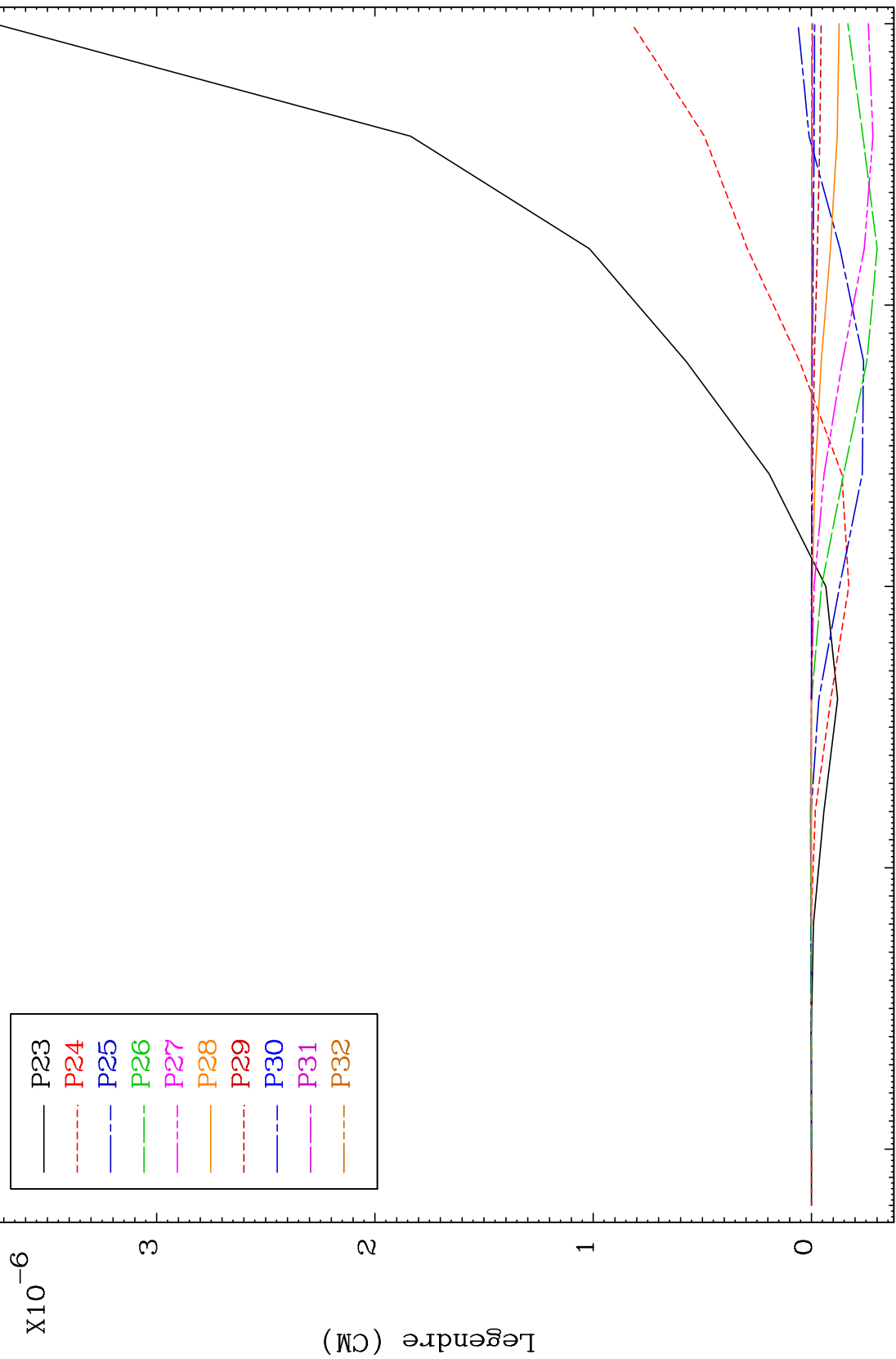
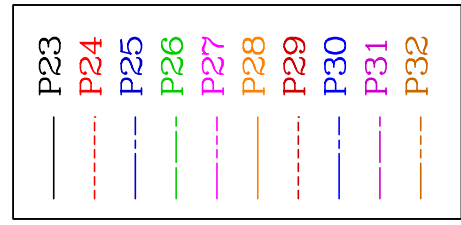
16

28-Ni-57

MAT 2822

Elastic Legendre Coefficients

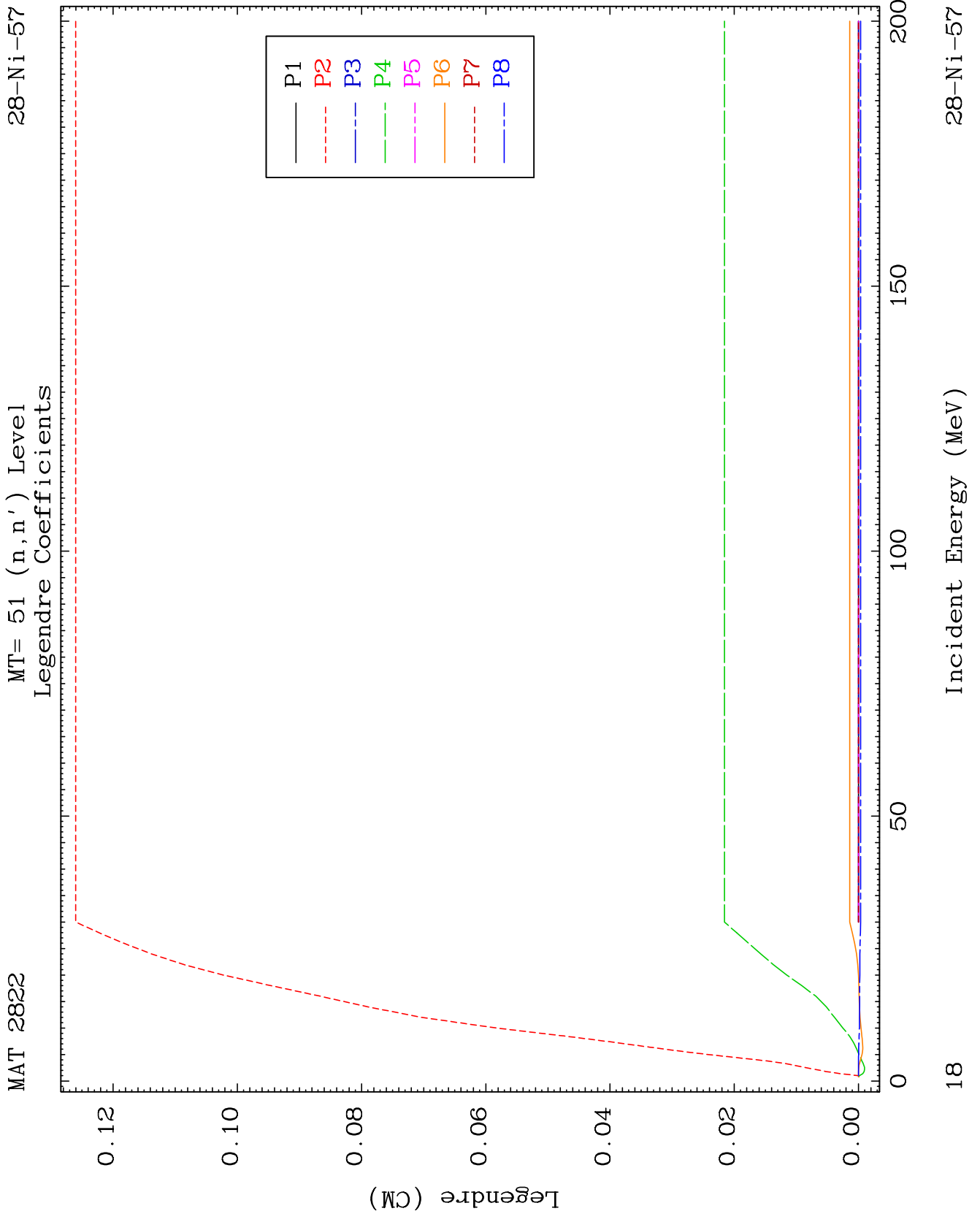
<sup>28</sup>Ni-57

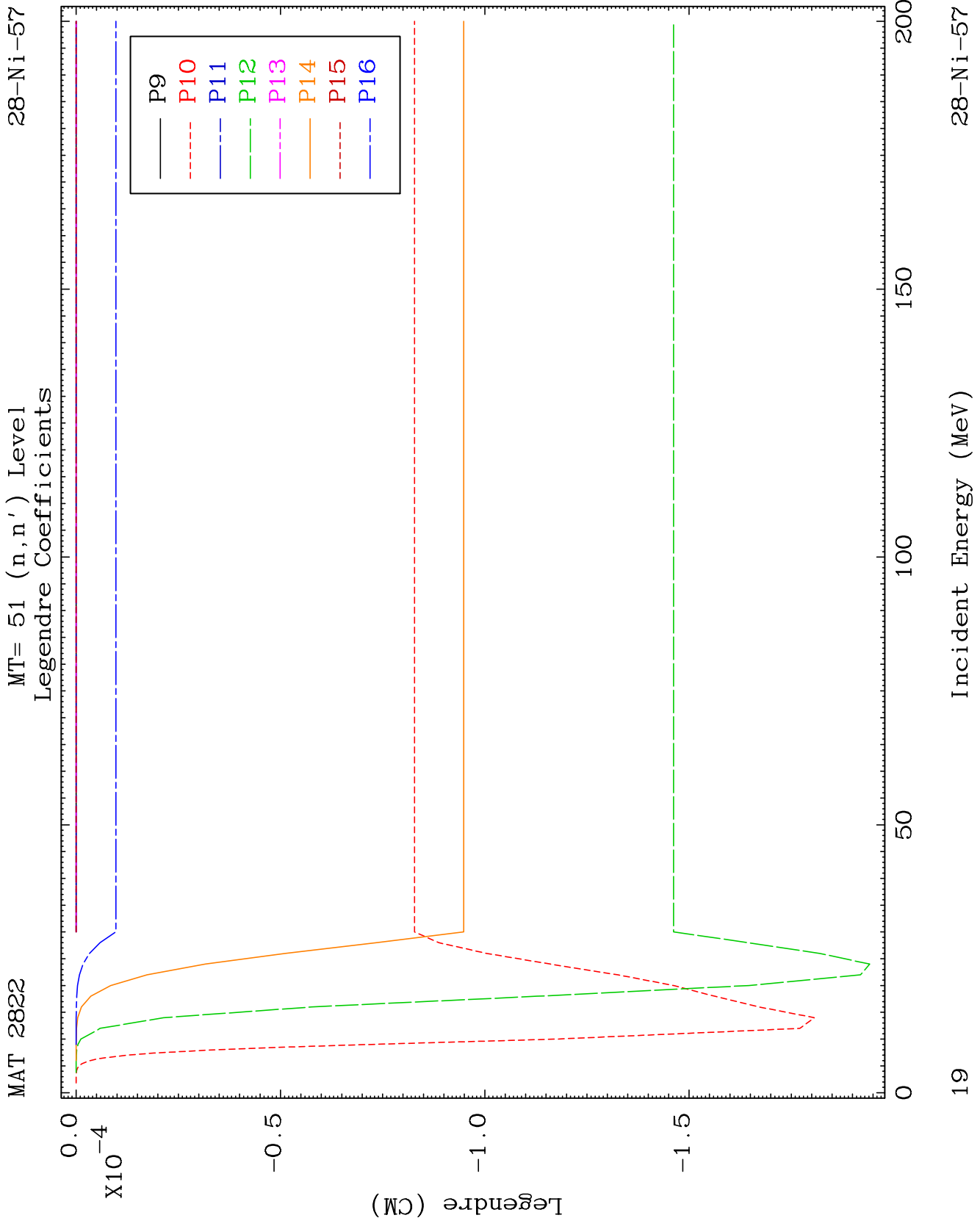


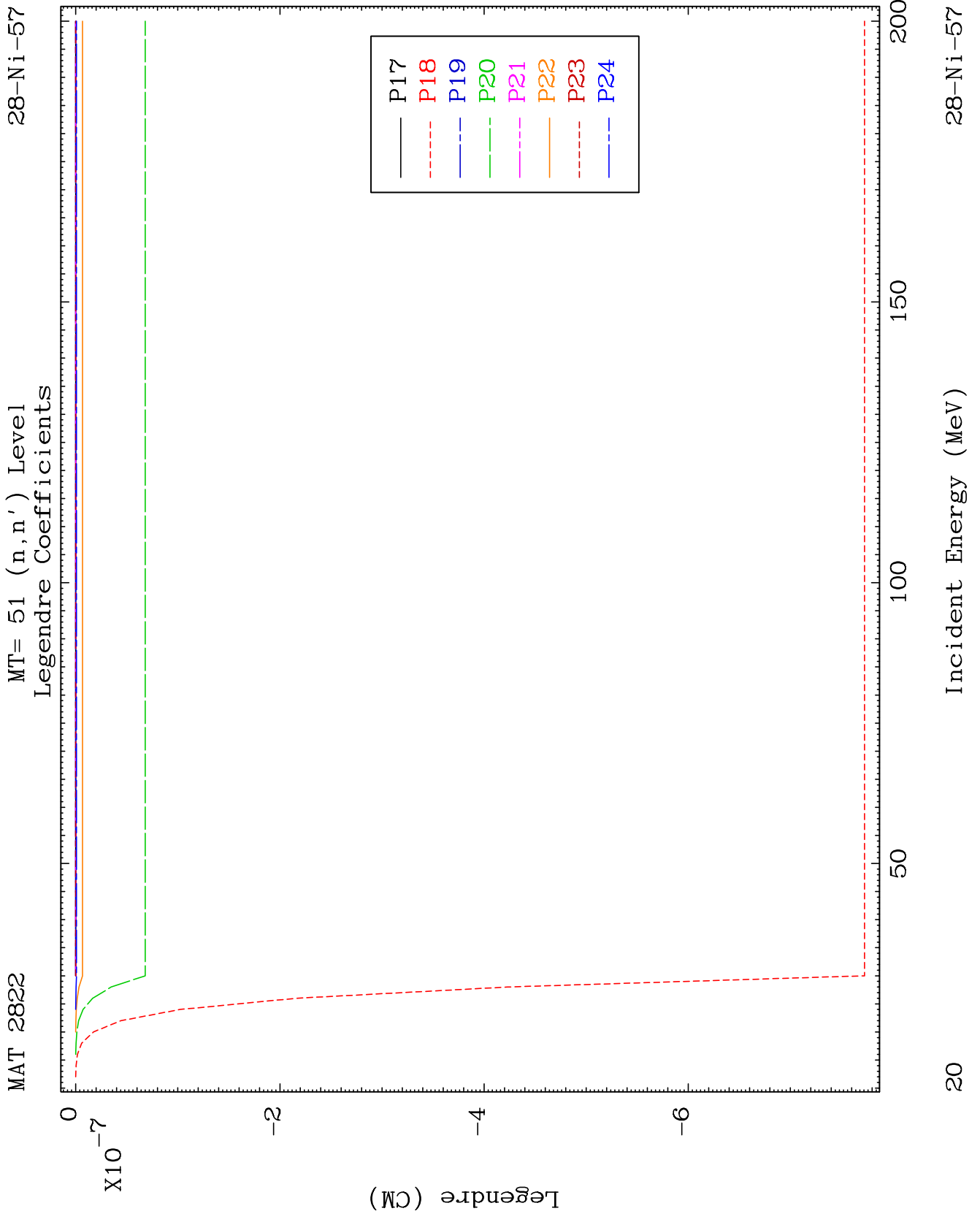
17

Incident Energy (MeV)

<sup>28</sup>Ni-57



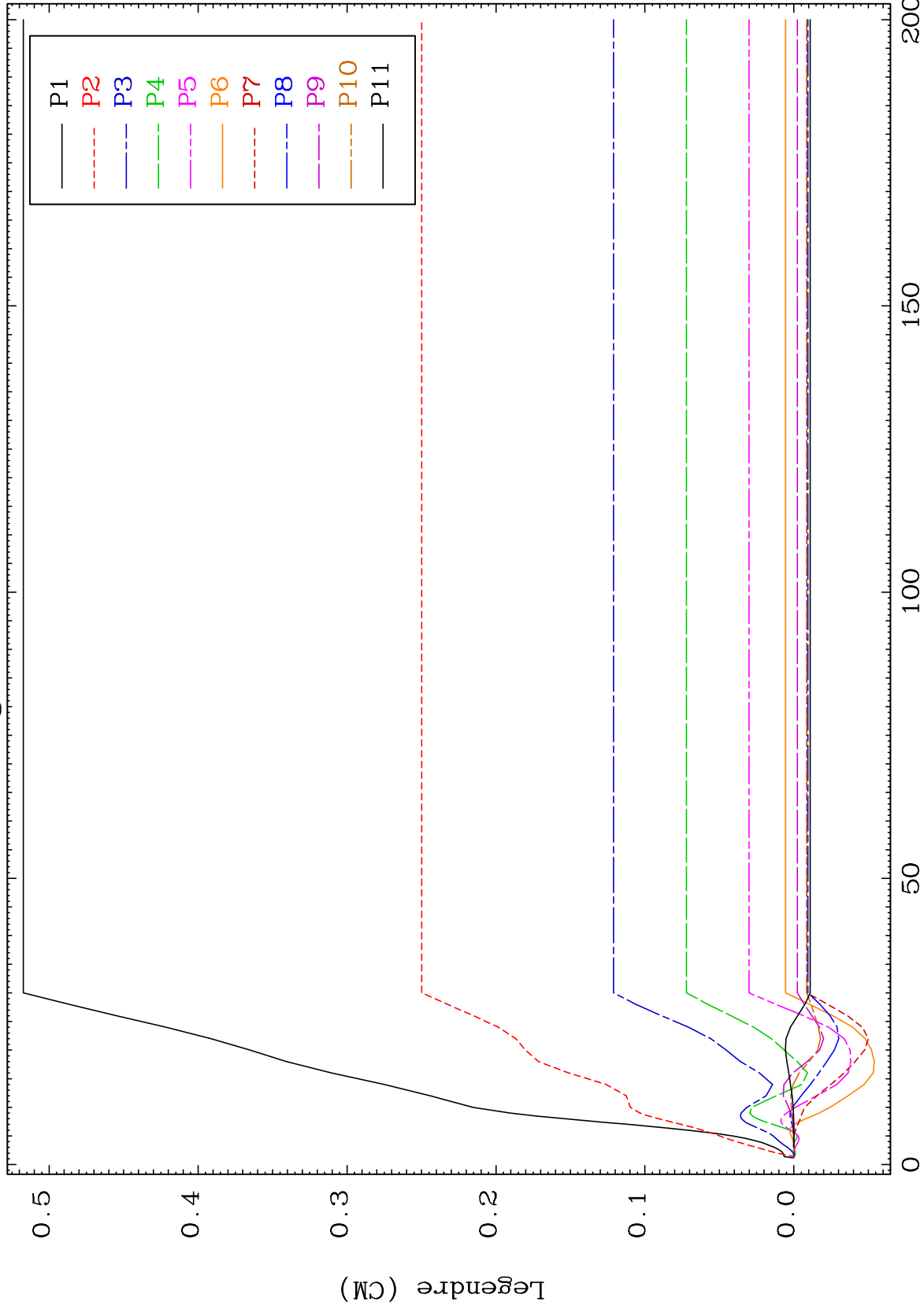




MAT 2822

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

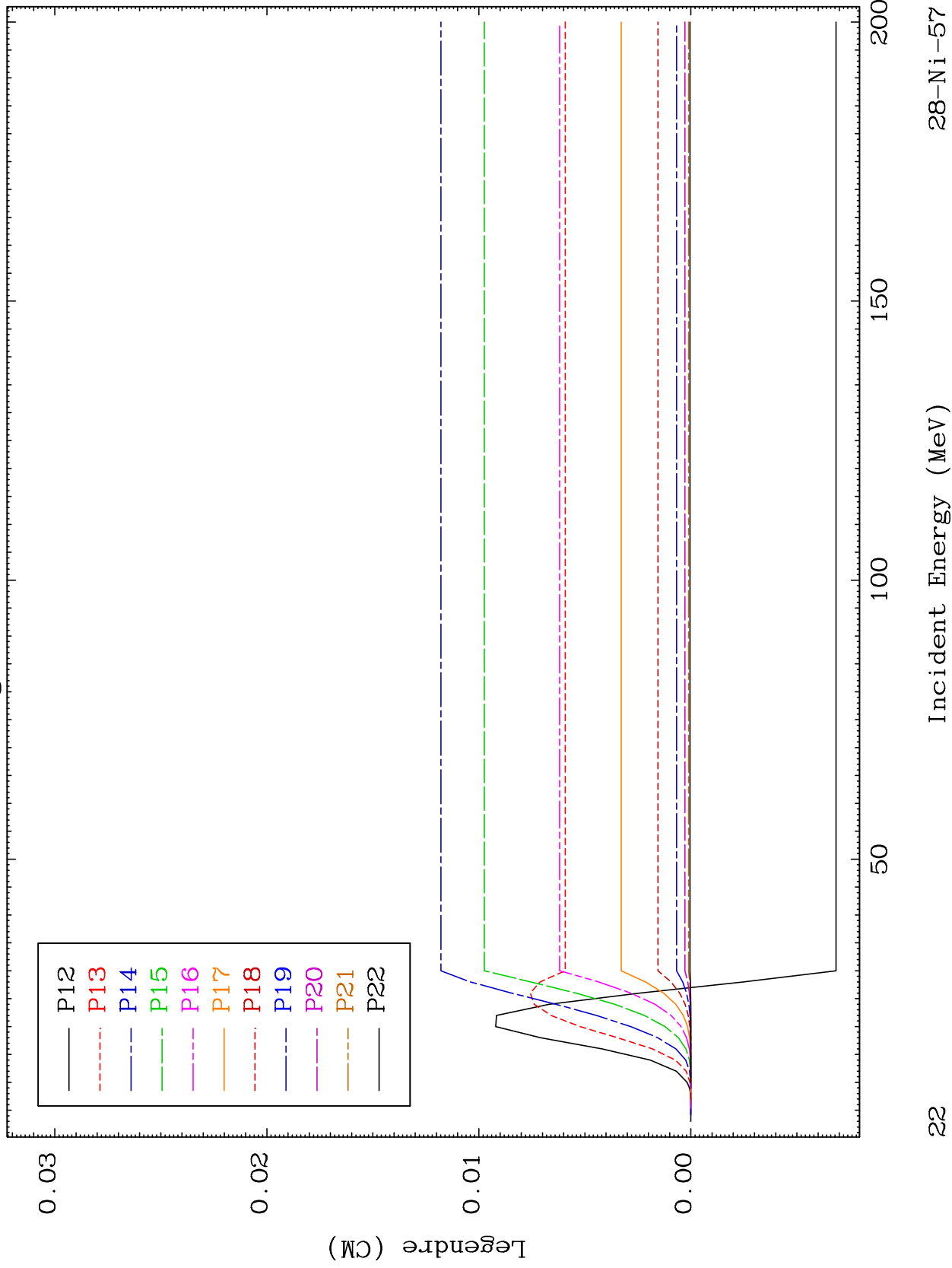
28-Ni-57

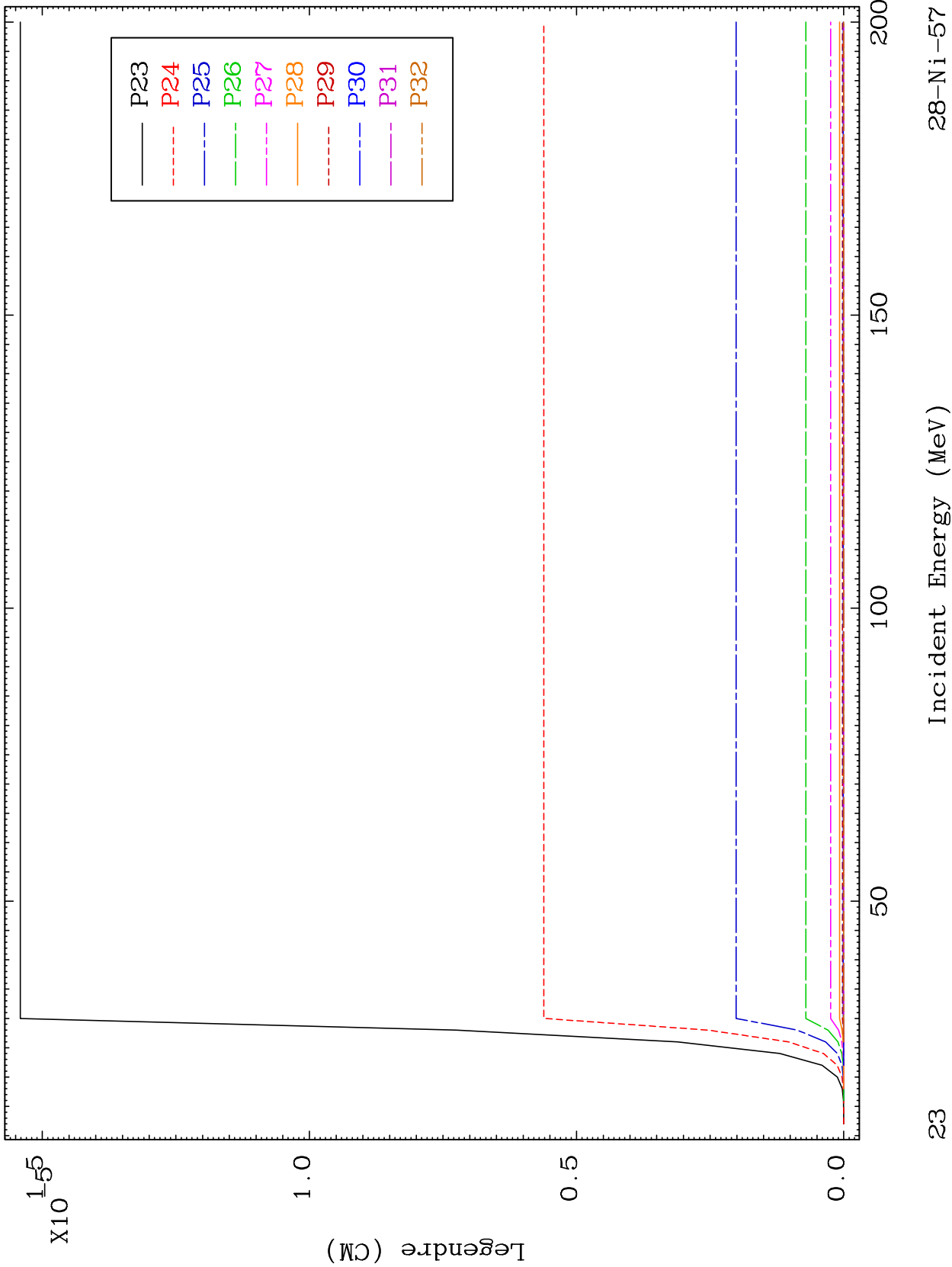


21

Incident Energy (MeV)

28-Ni-57



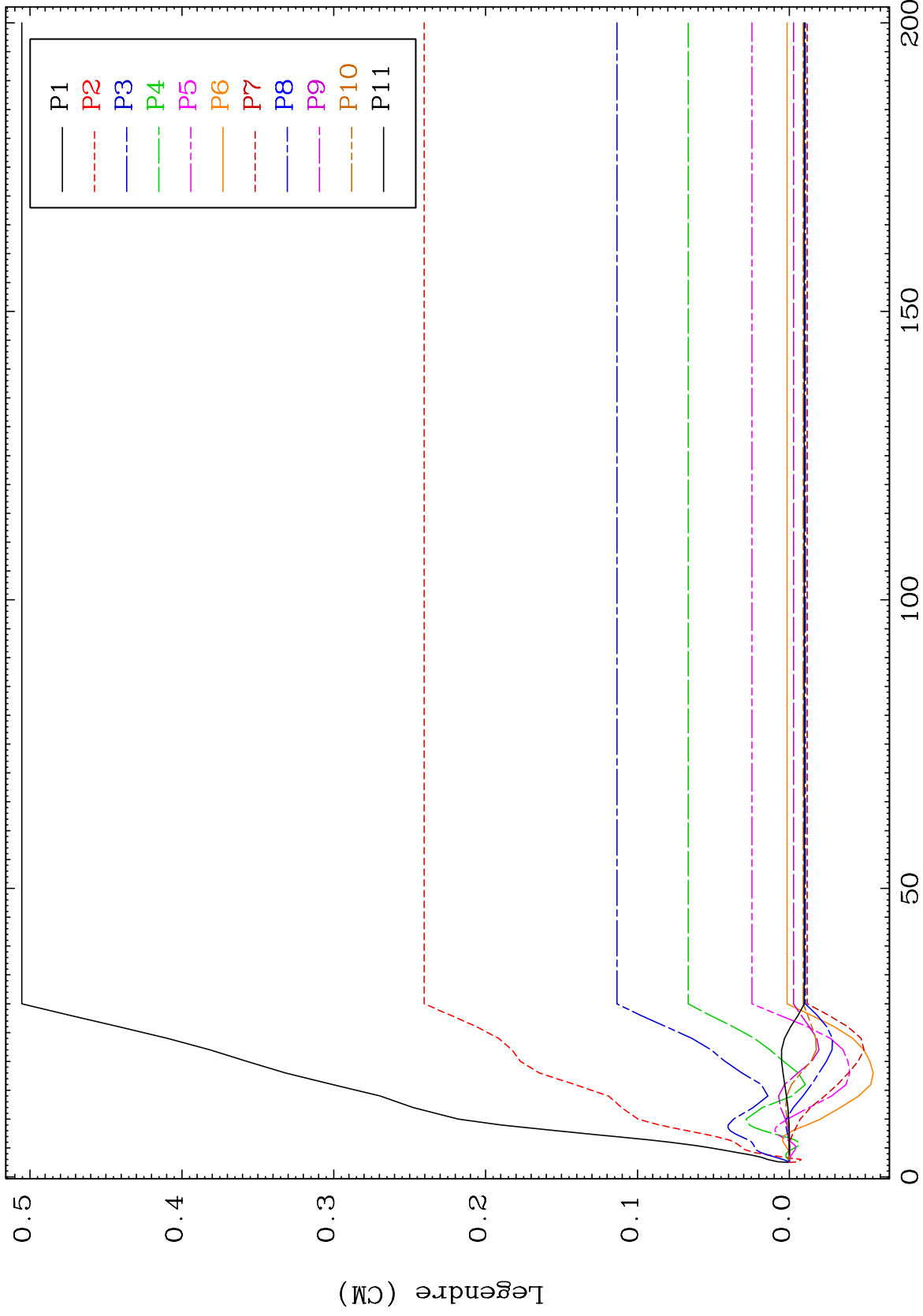




MAT 2822

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

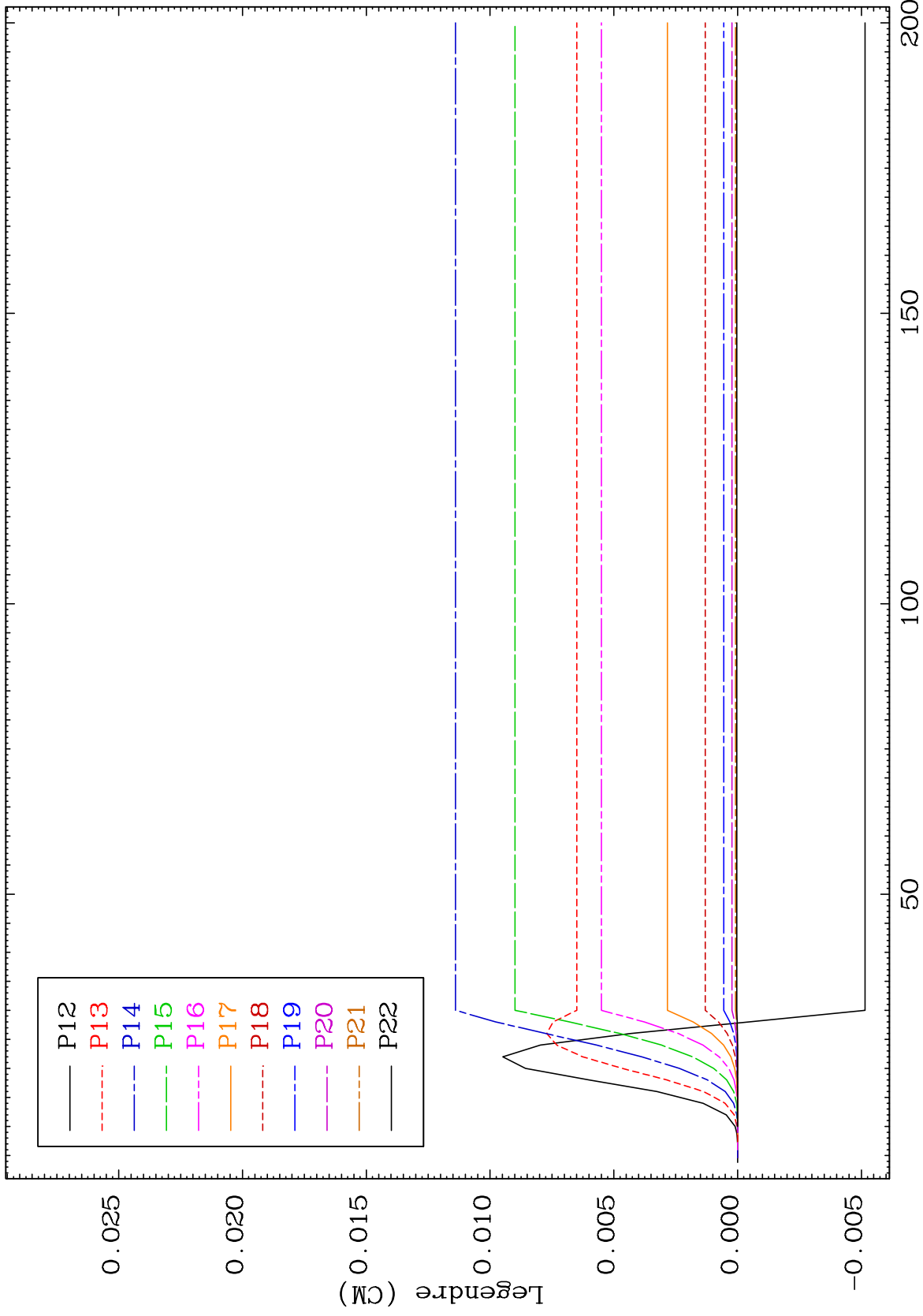
28-Ni-57



24

Incident Energy (MeV)

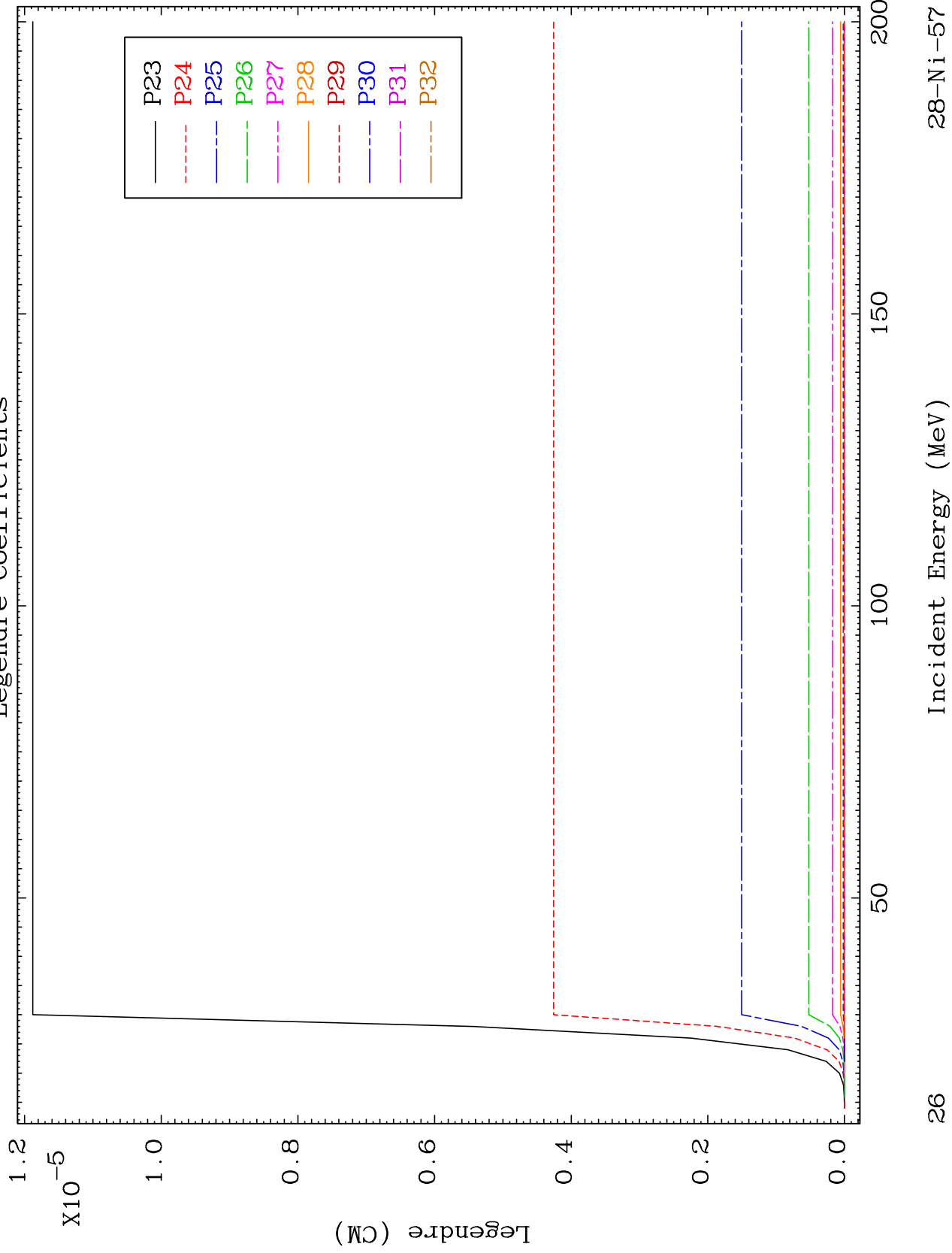
28-Ni-57



MAT 2822

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

28-Ni-57



26

Incident Energy (MeV)

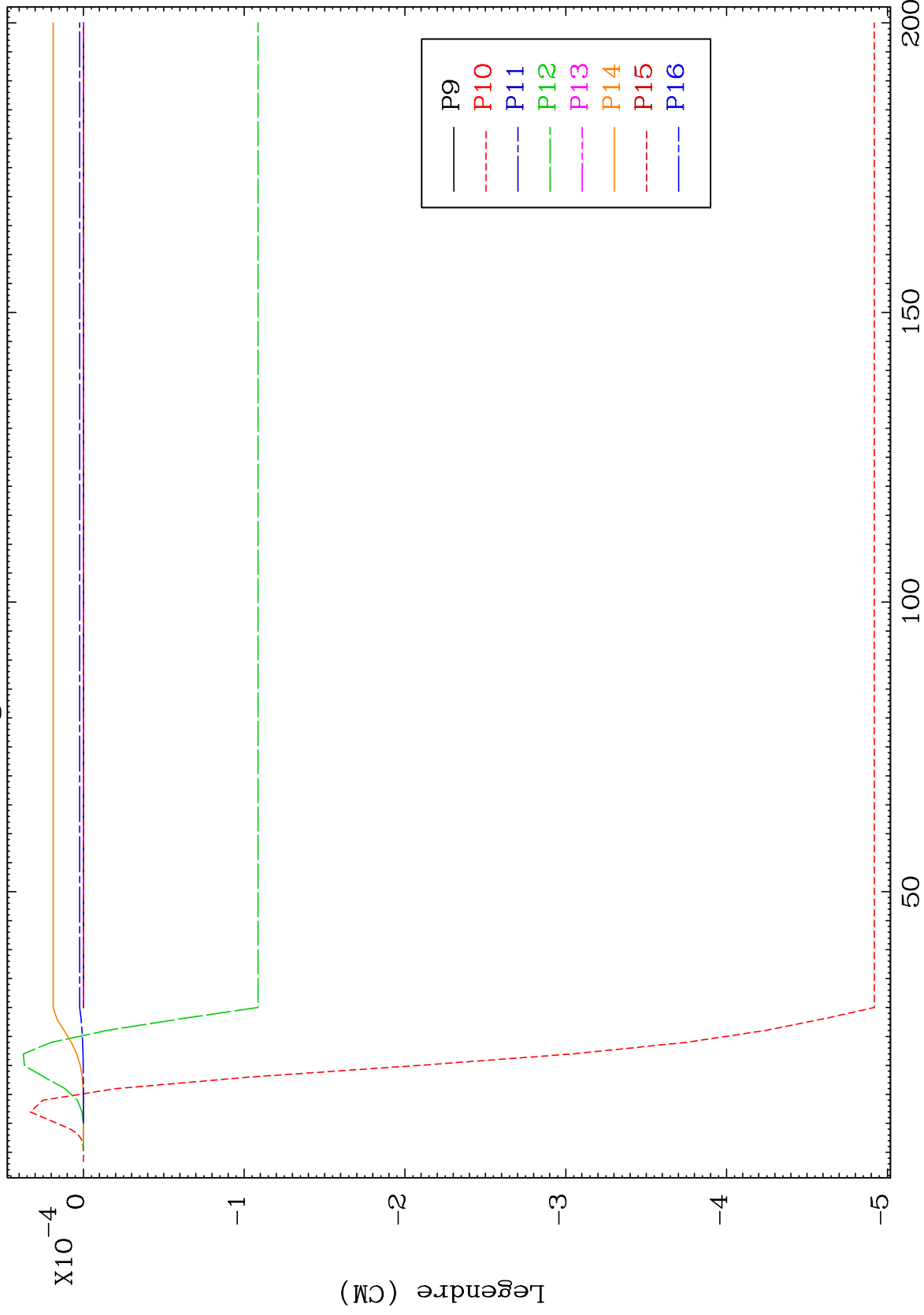
28-Ni-57



MAT 28222

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

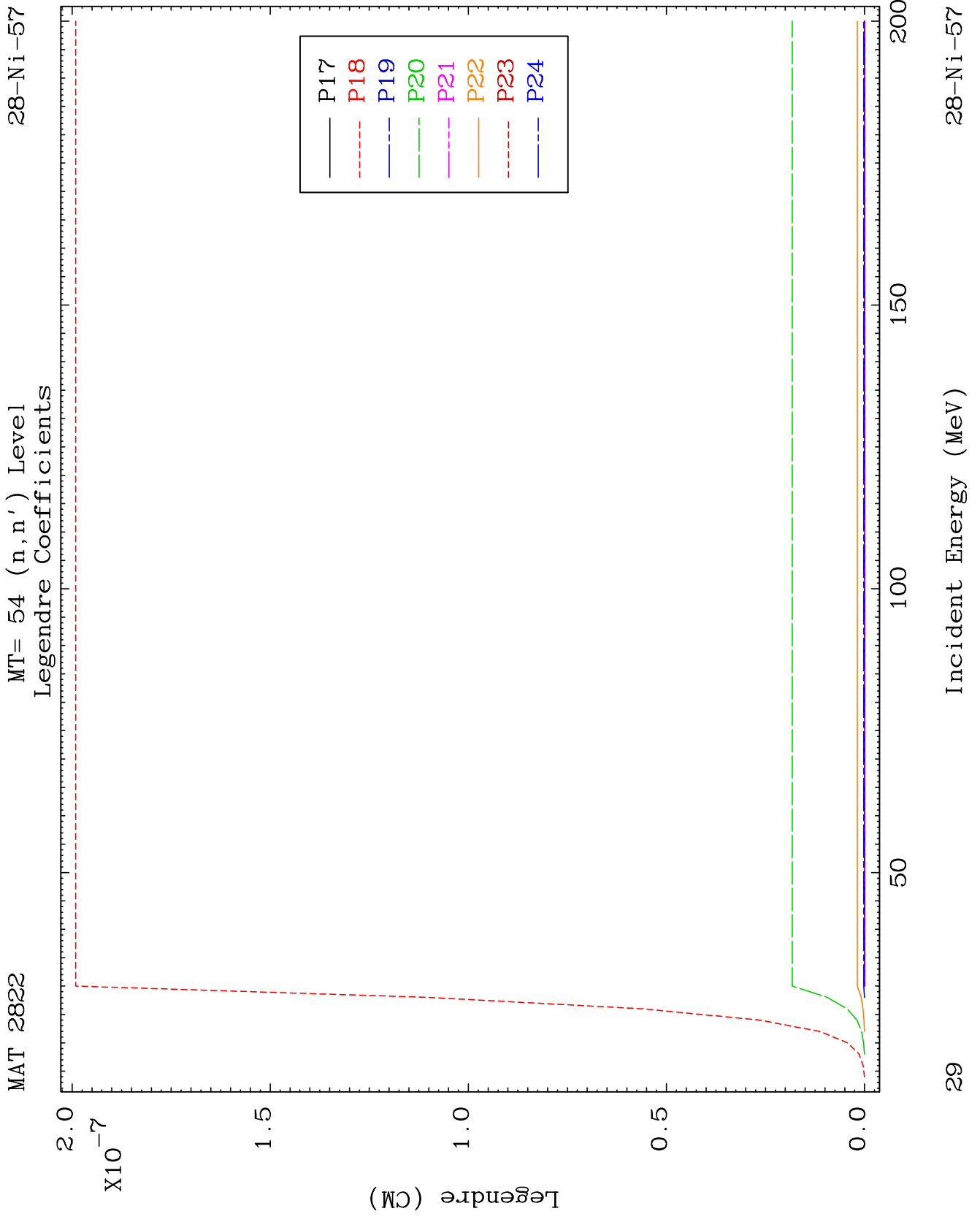
28-Ni-57

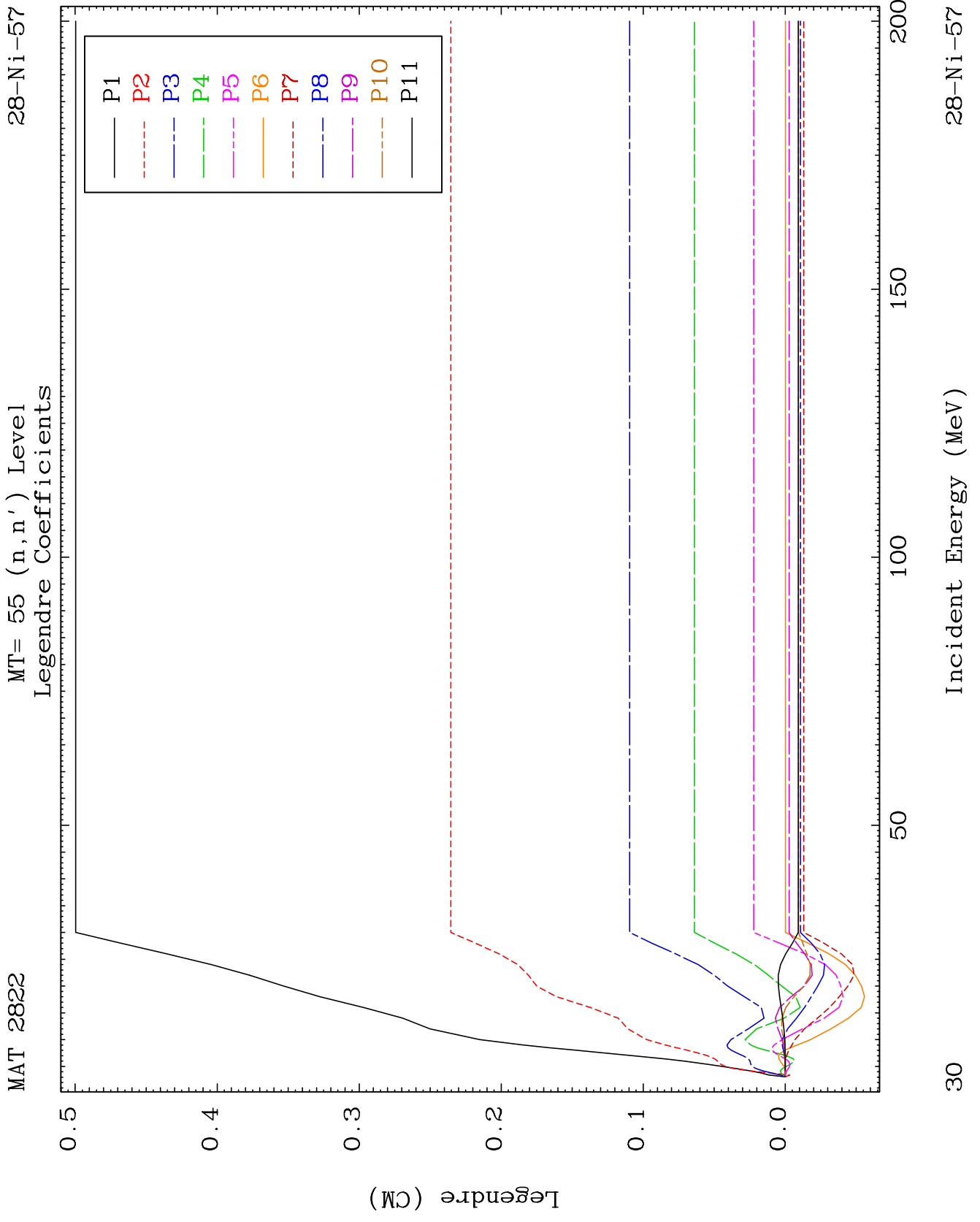


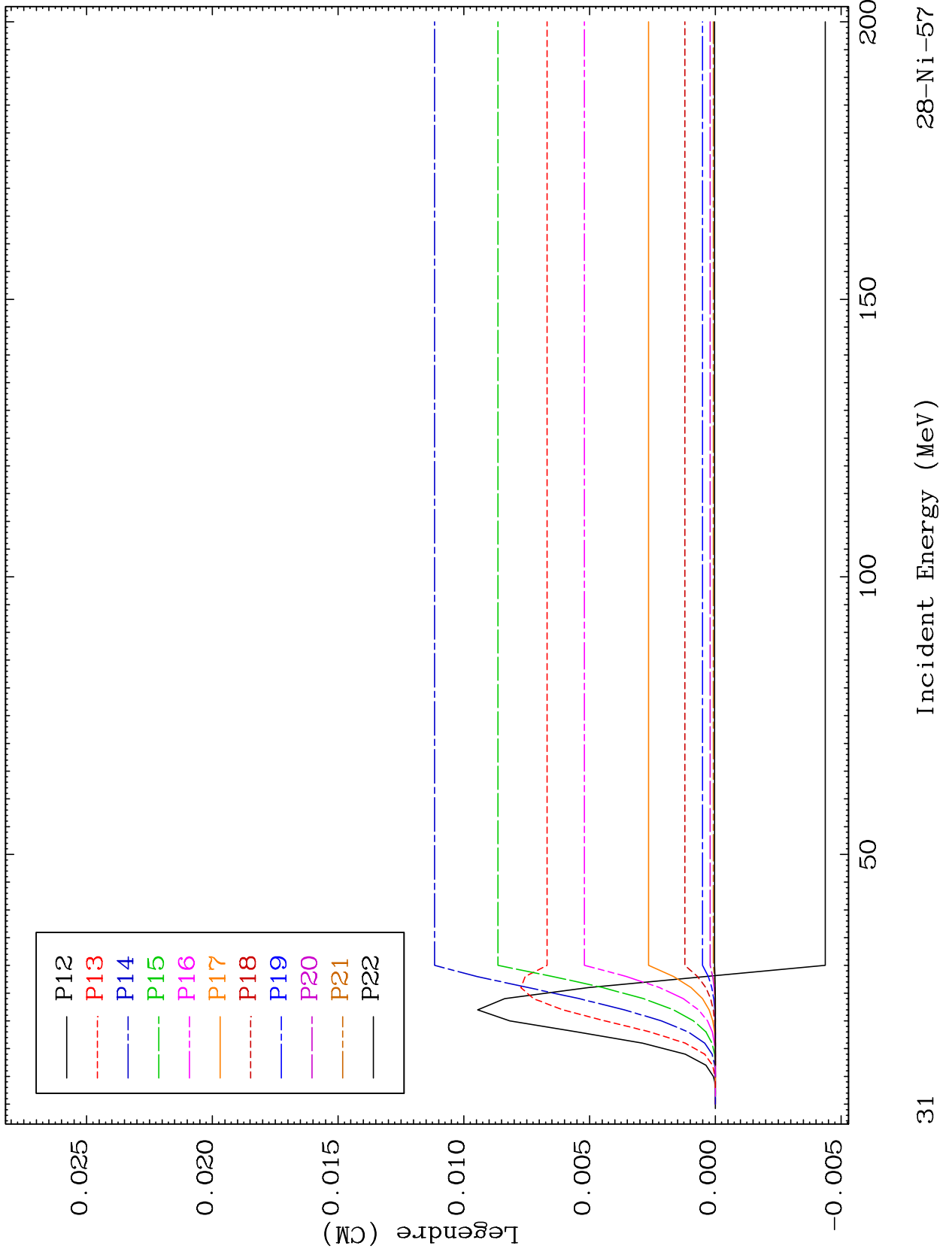
28

Incident Energy (MeV)

28-Ni-57





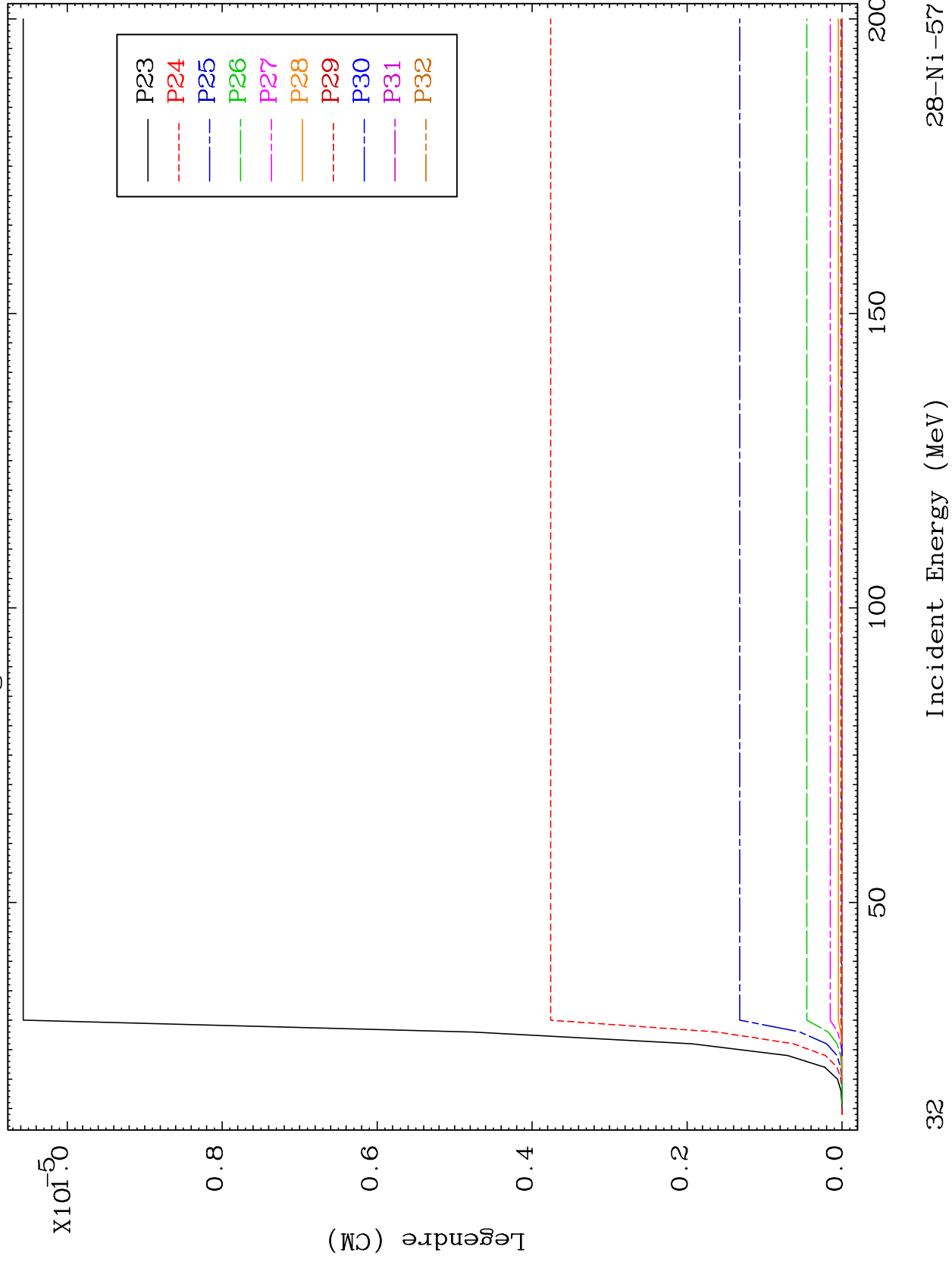


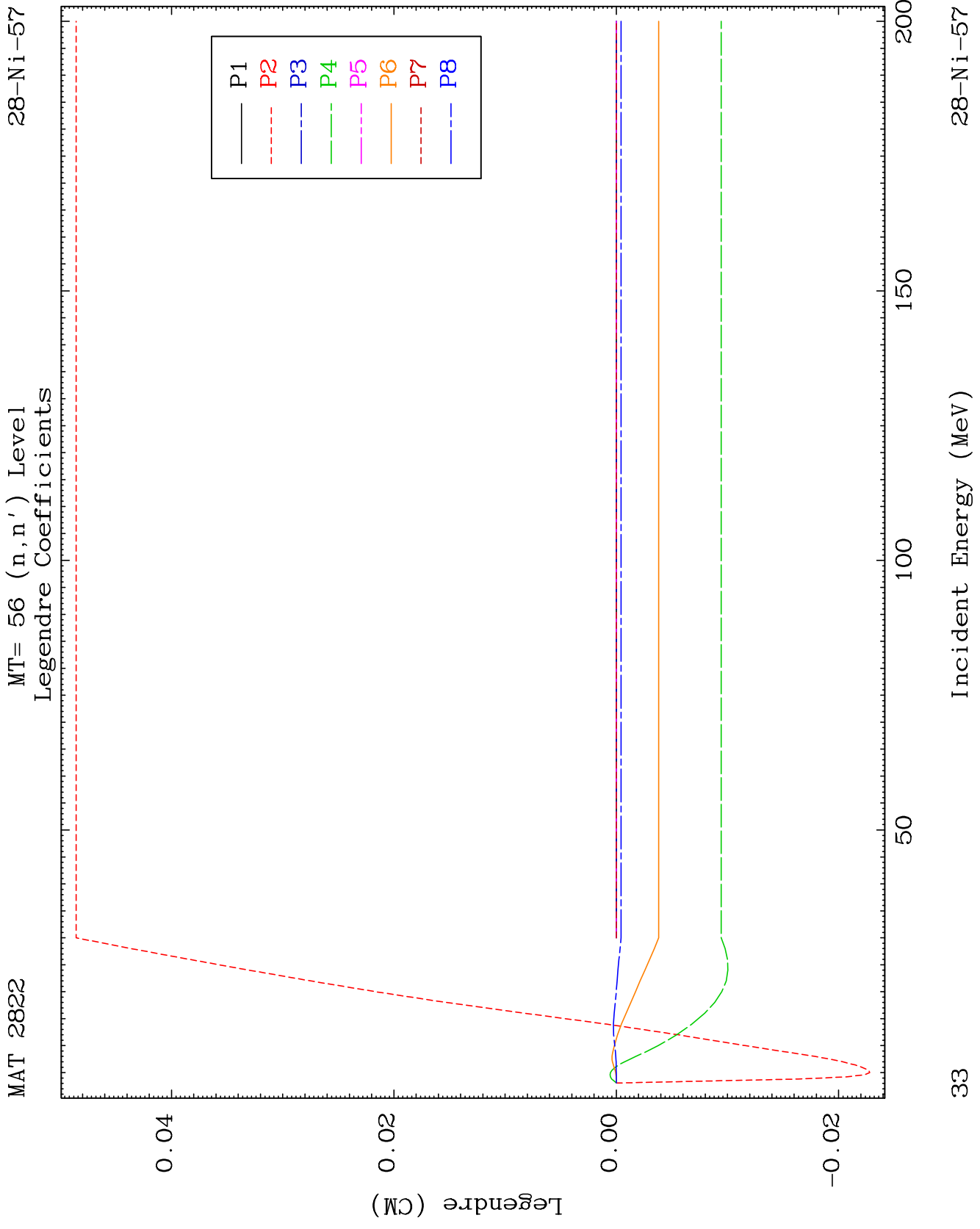


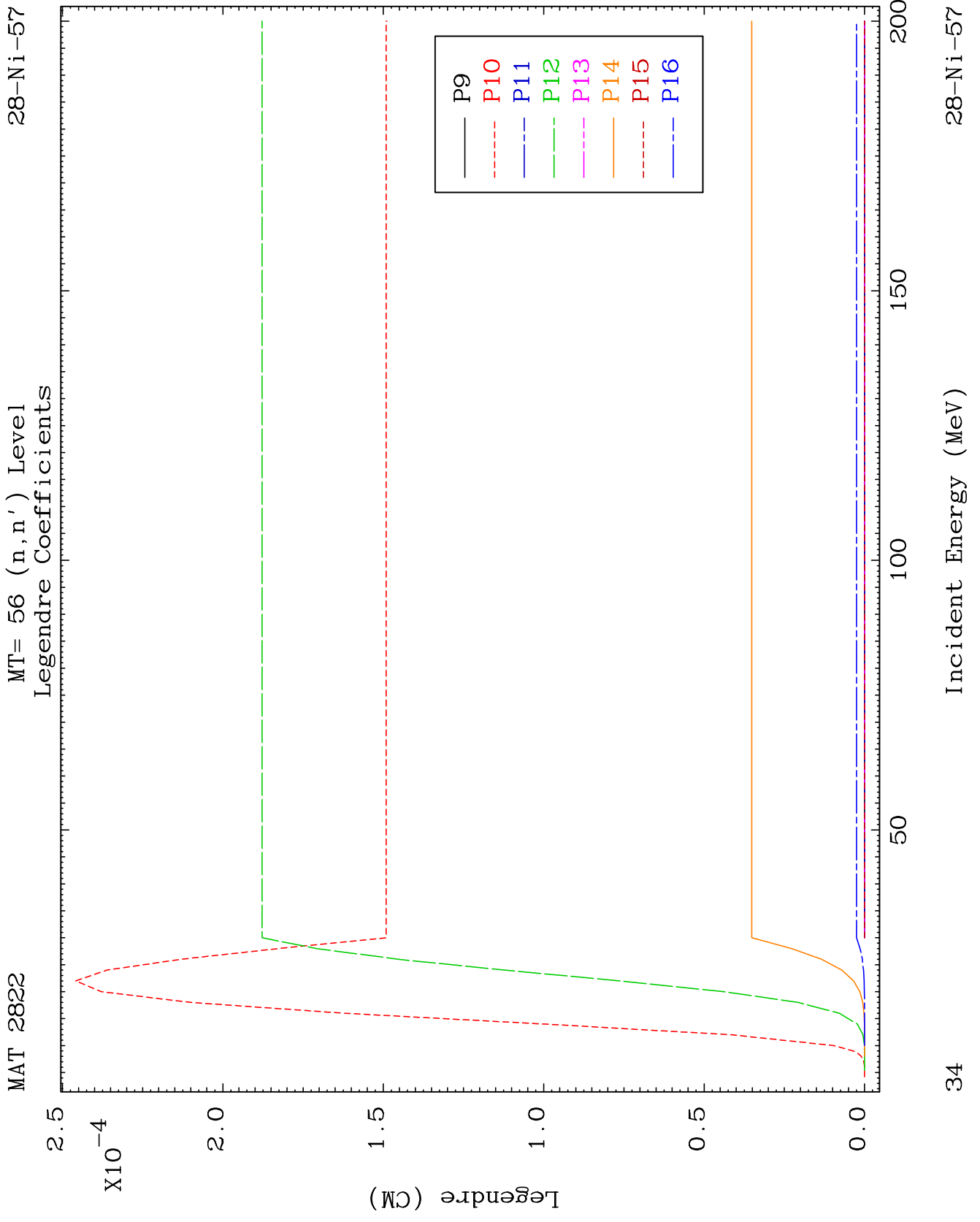
MAT 2822

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

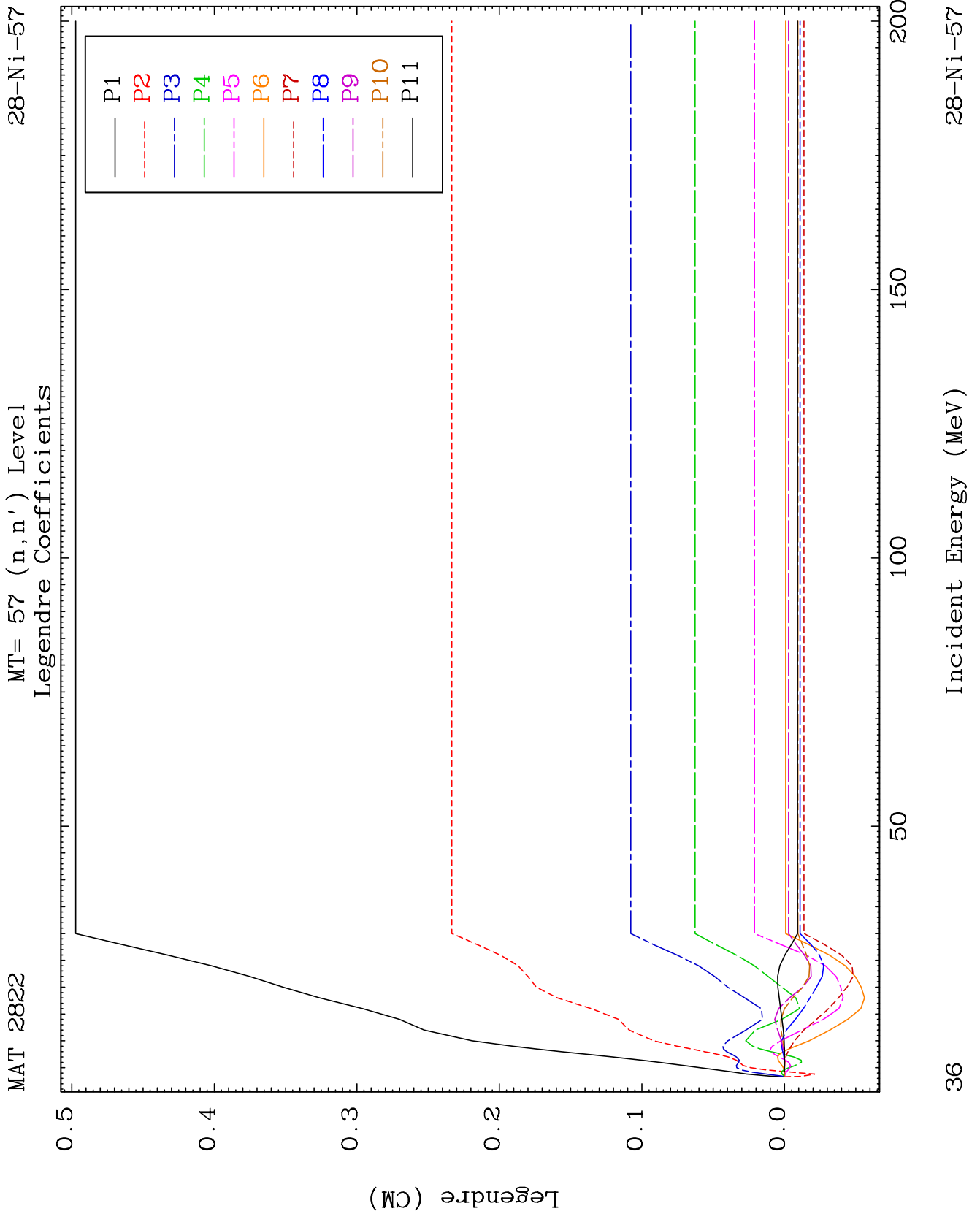
28-Ni-57

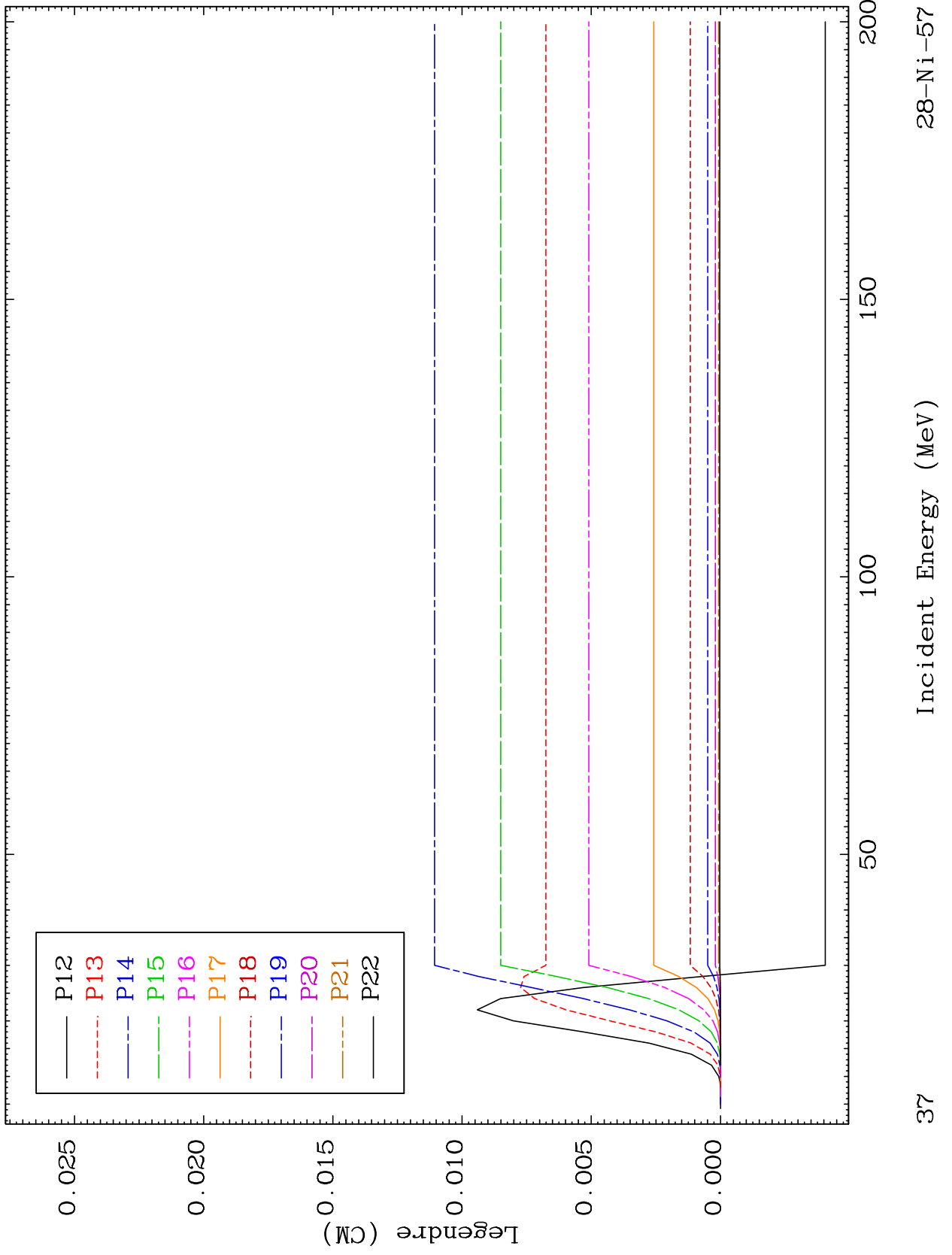








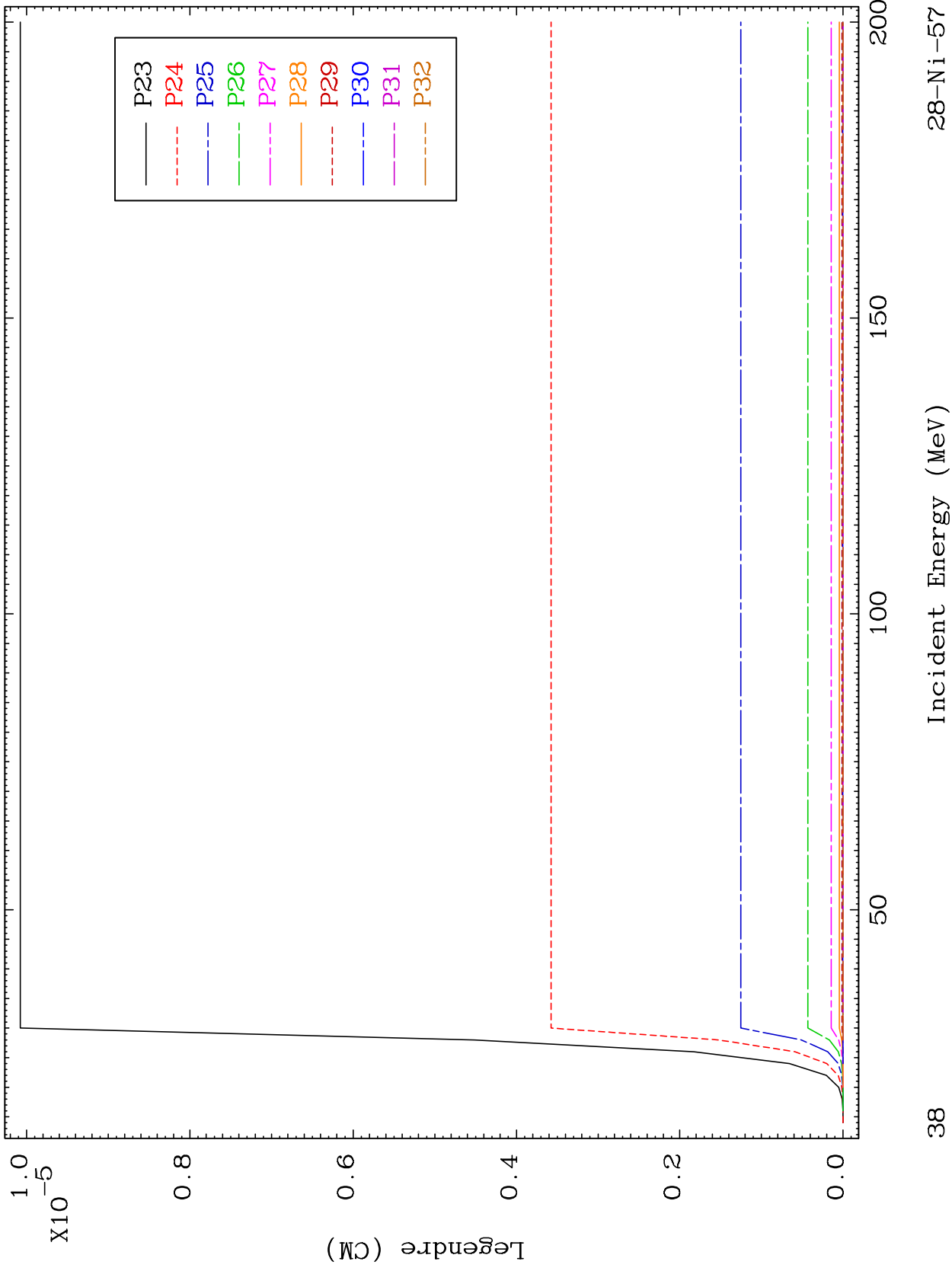


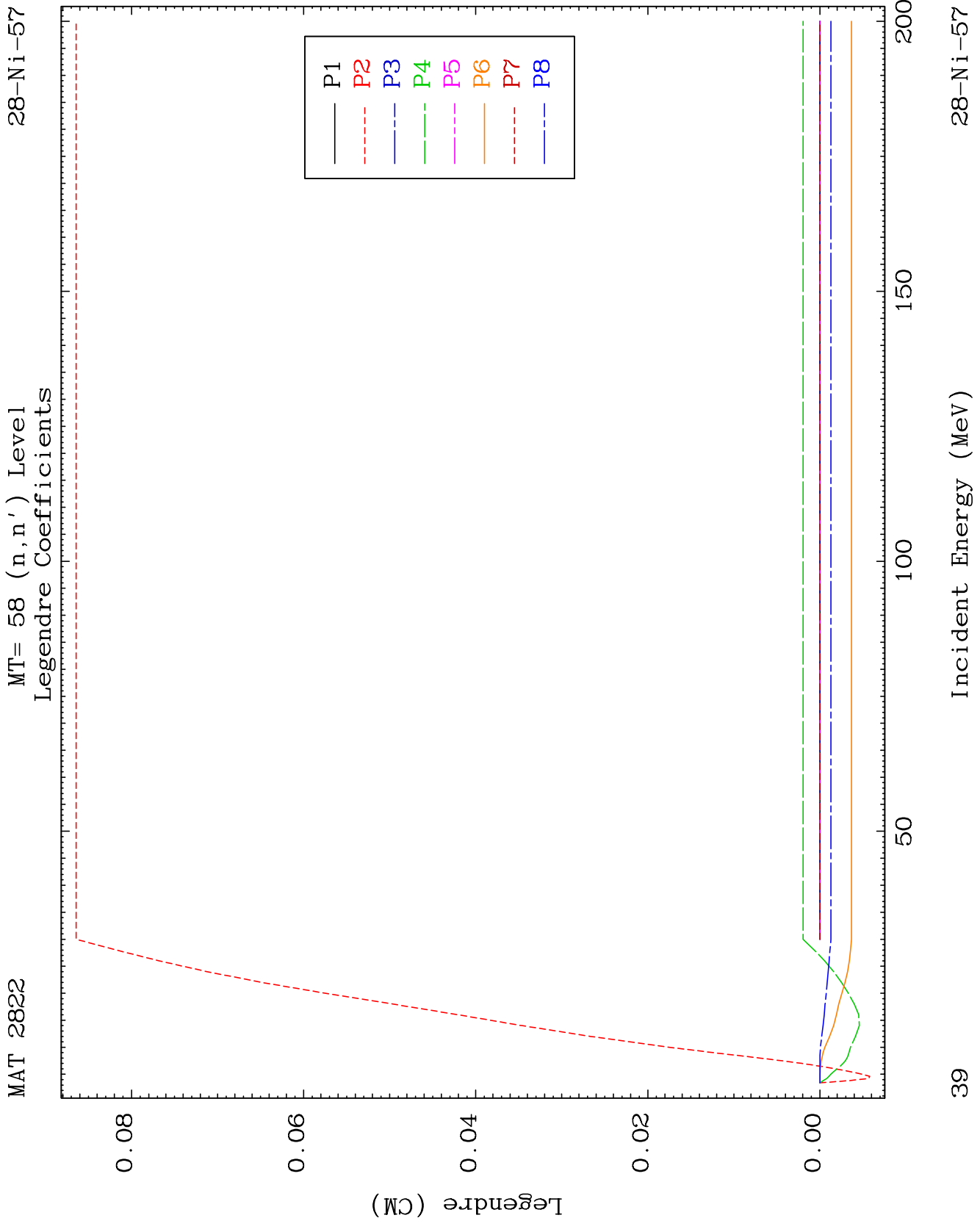


MAT 2822

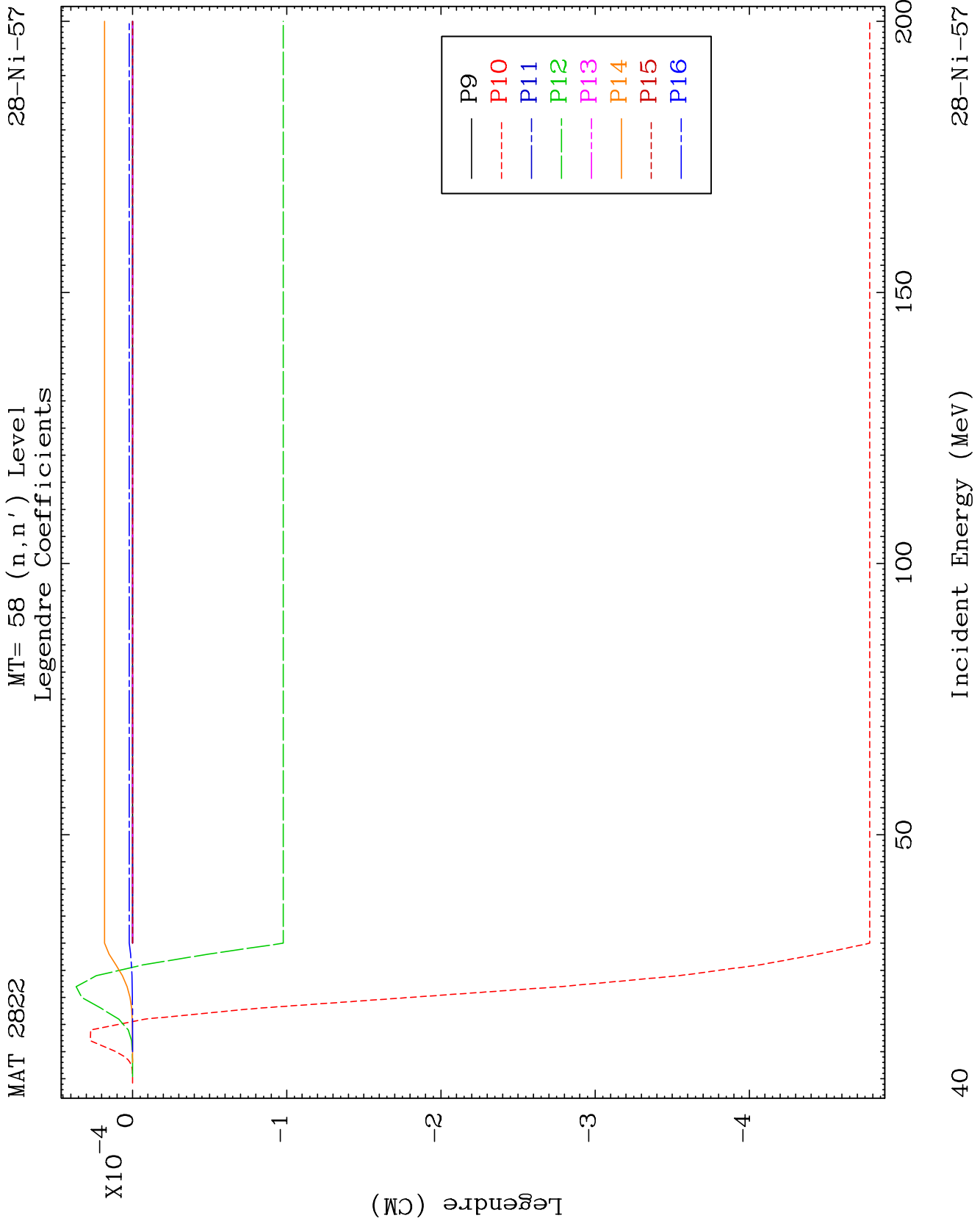
MT= 57 (n,n') Level  
Legendre Coefficients

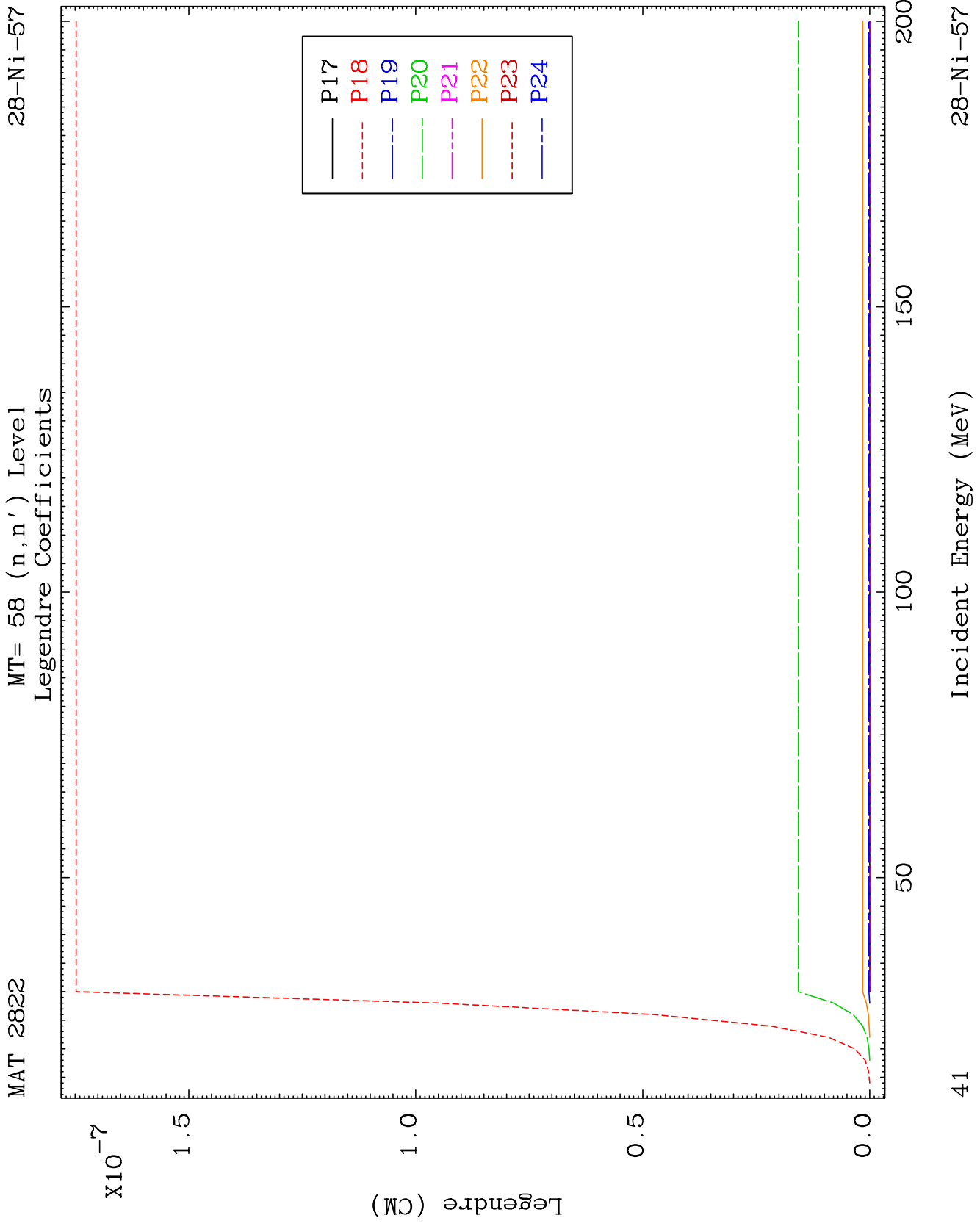
28-Ni-57

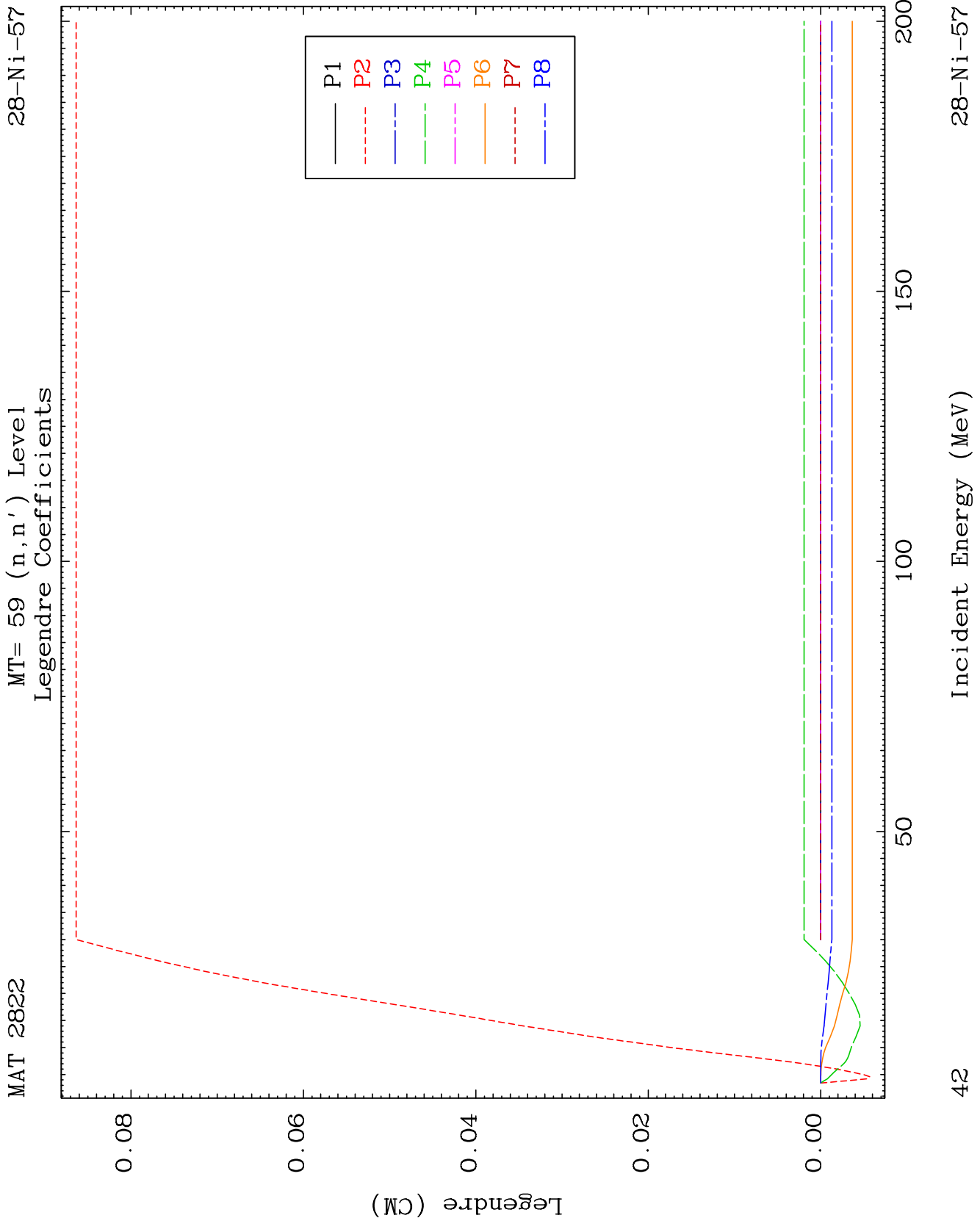








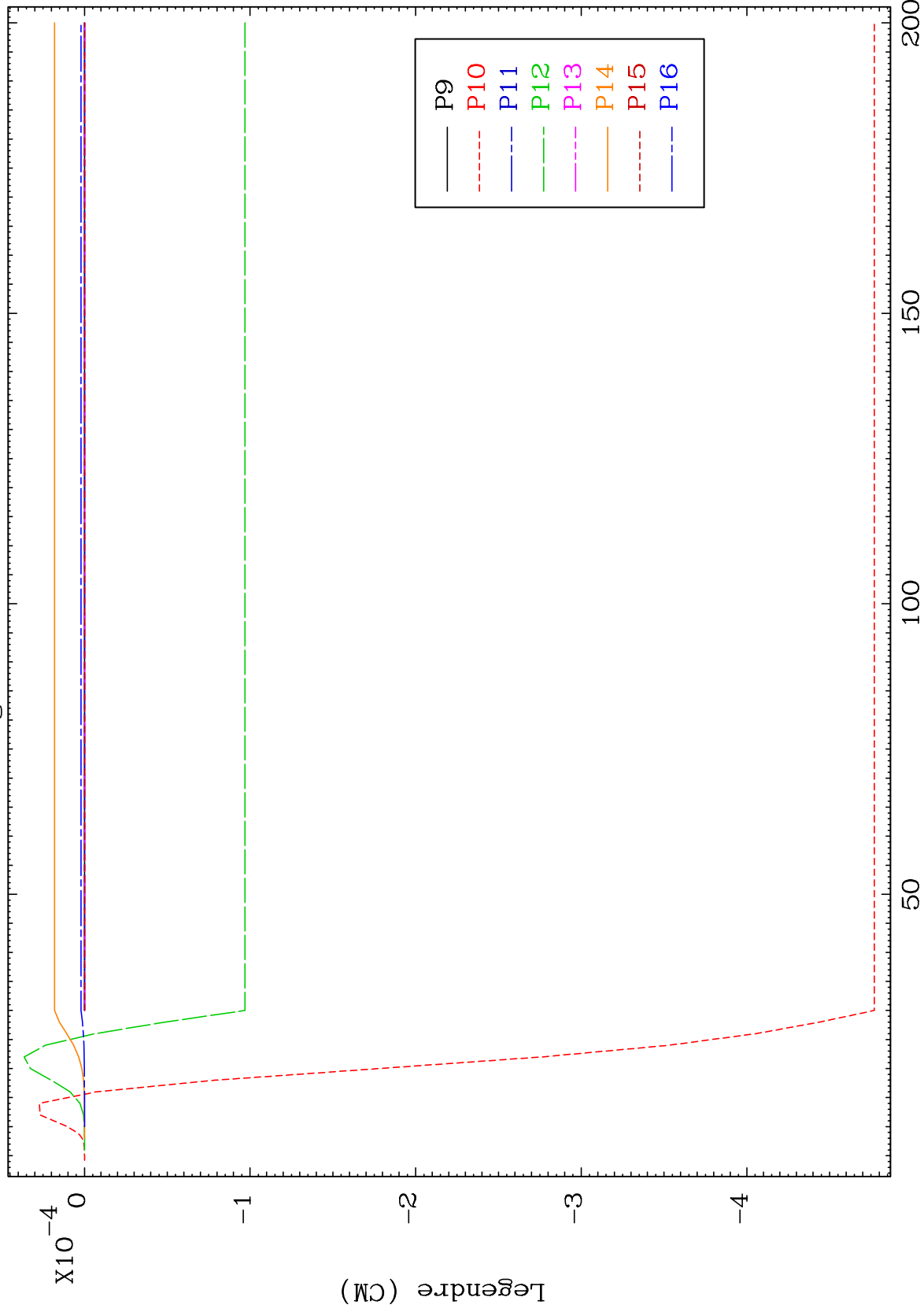




MAT 2822

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

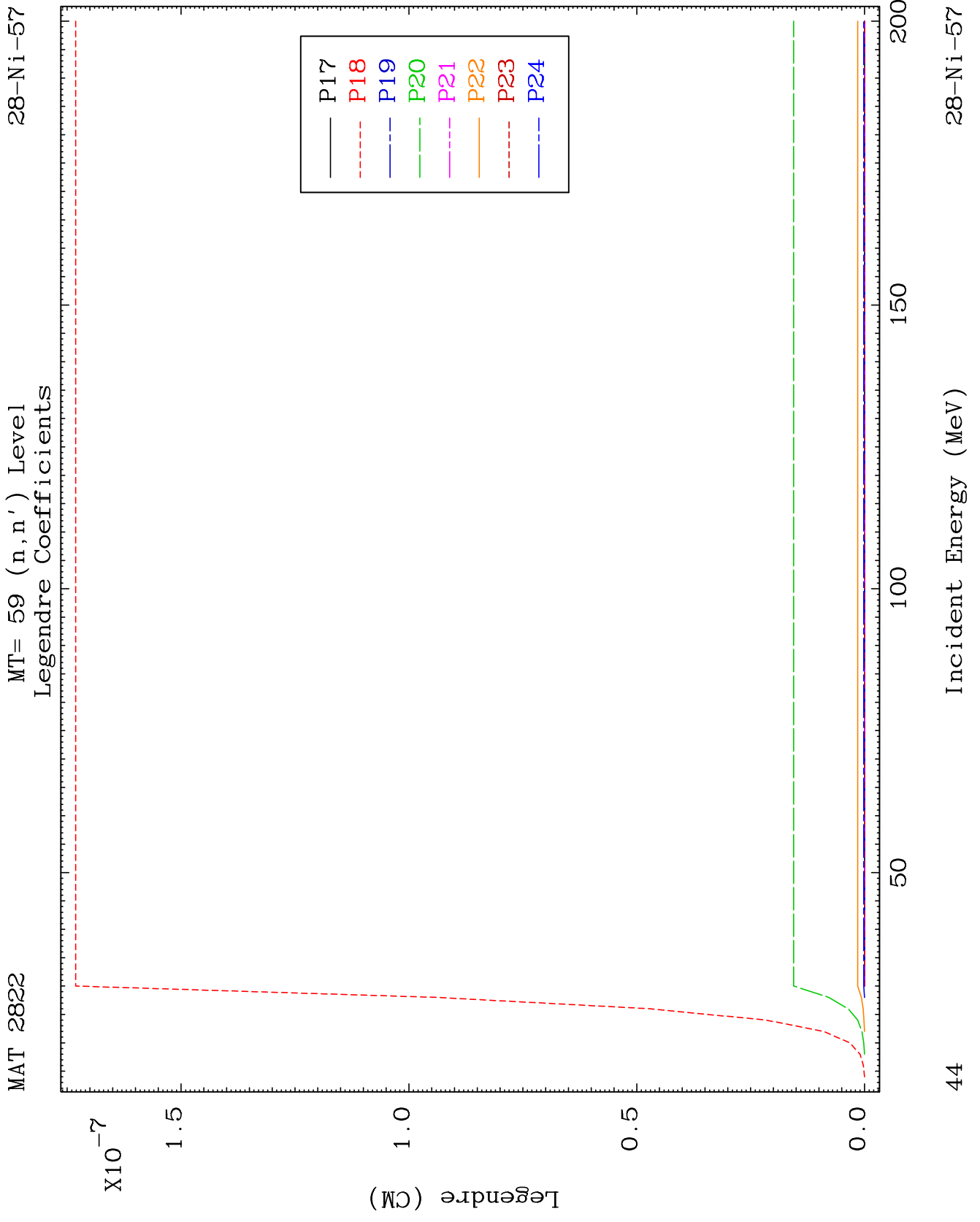
28-Ni-57

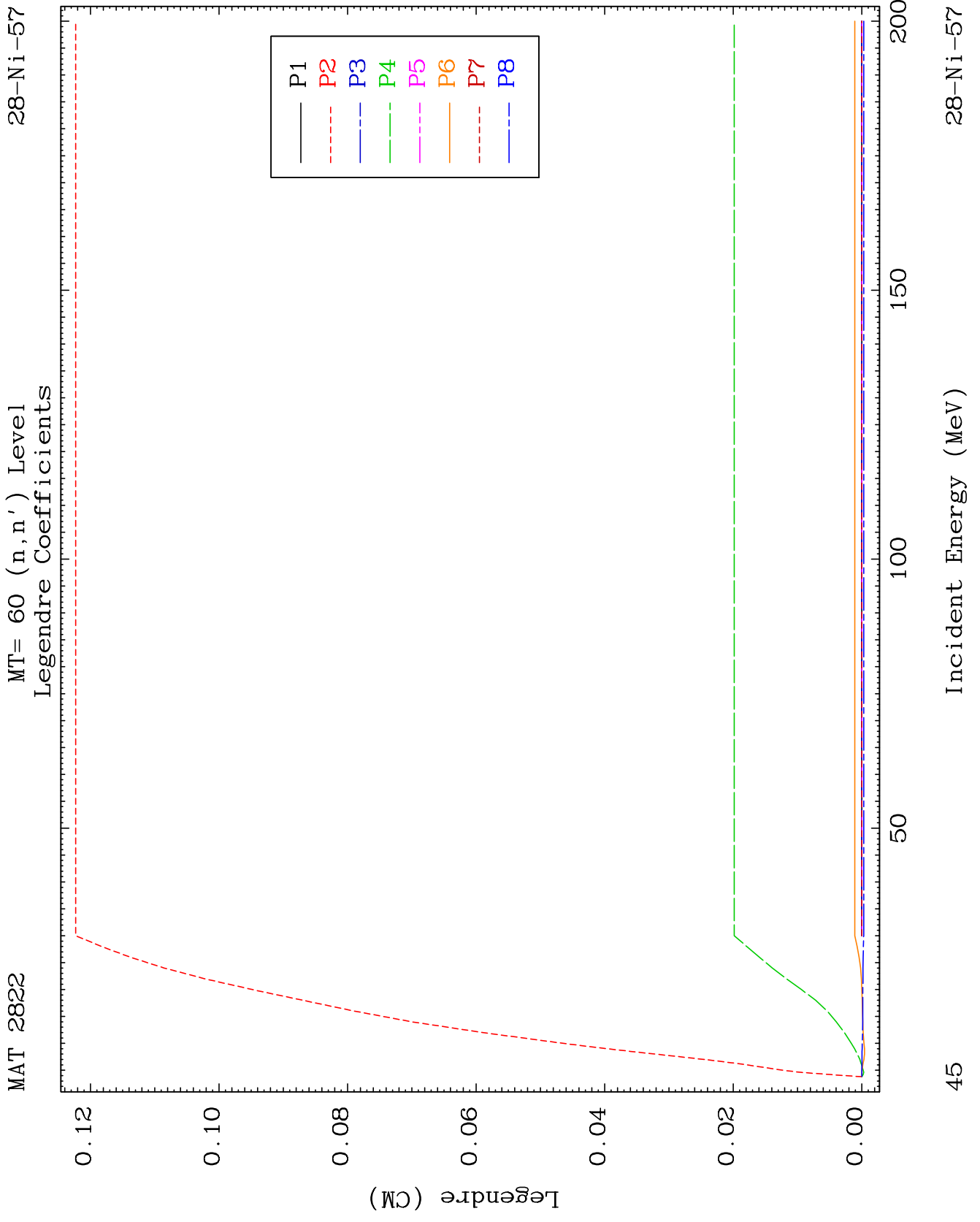


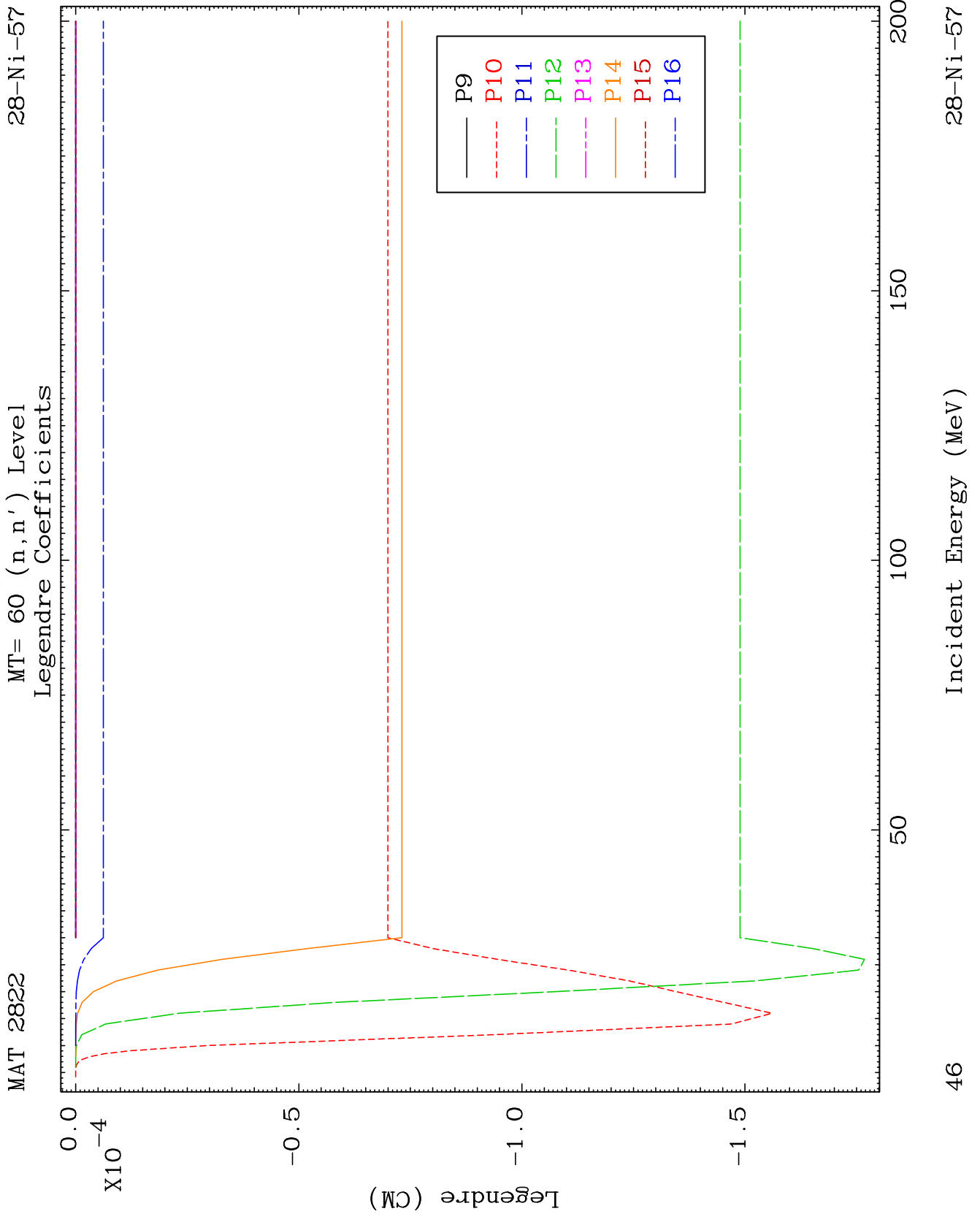
43

Incident Energy (MeV)

28-Ni-57









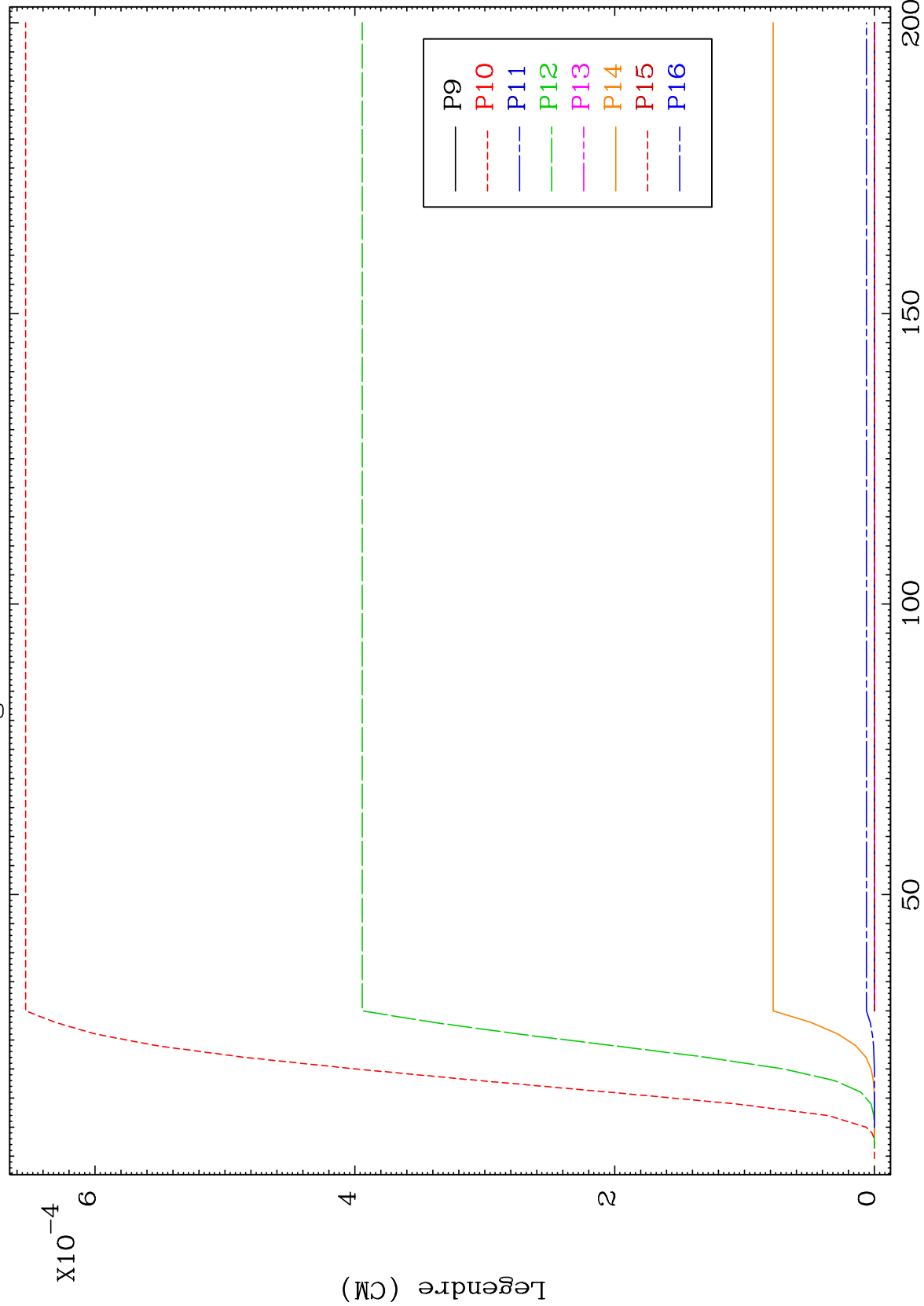




MAT 28222

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

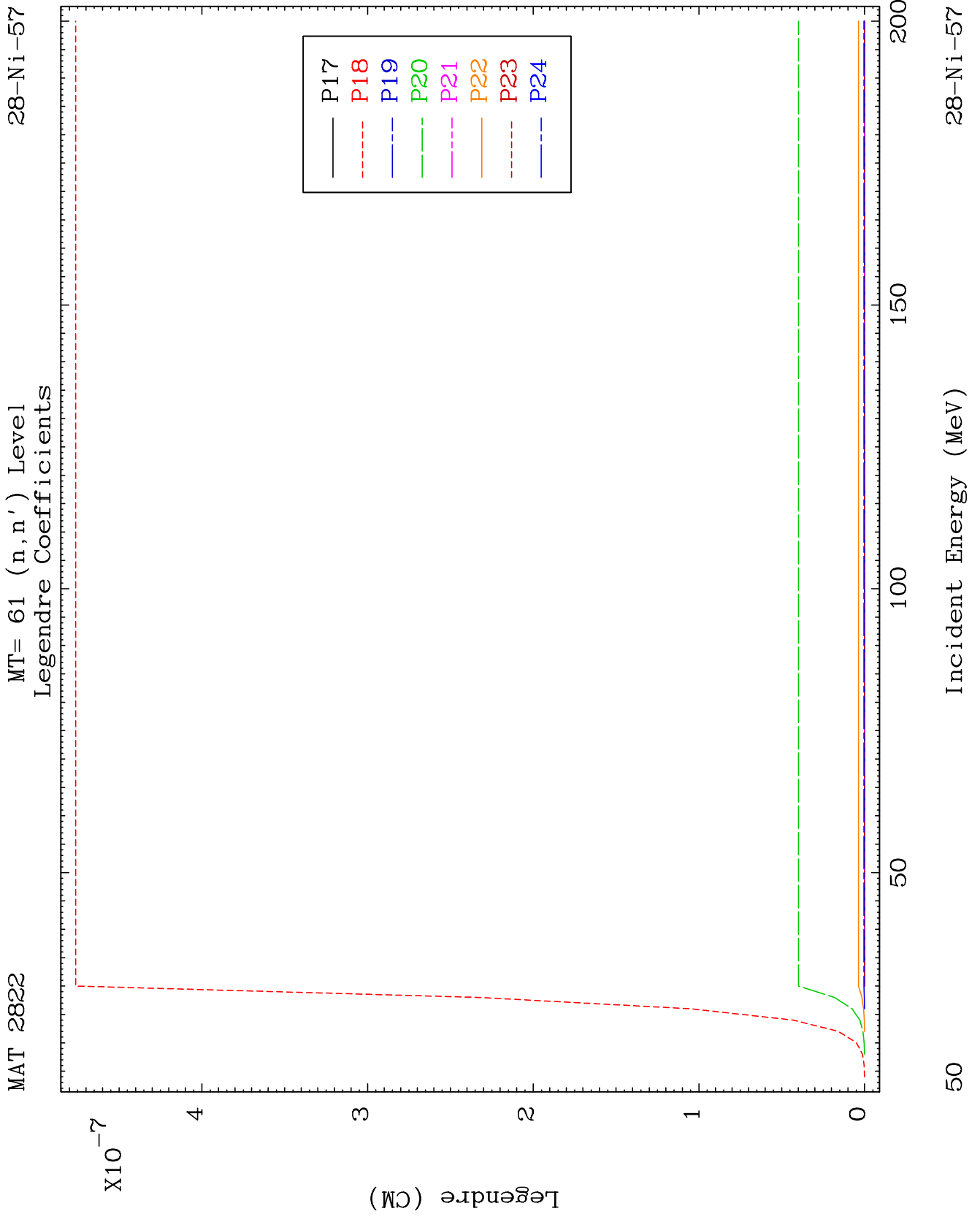
28-Ni-57

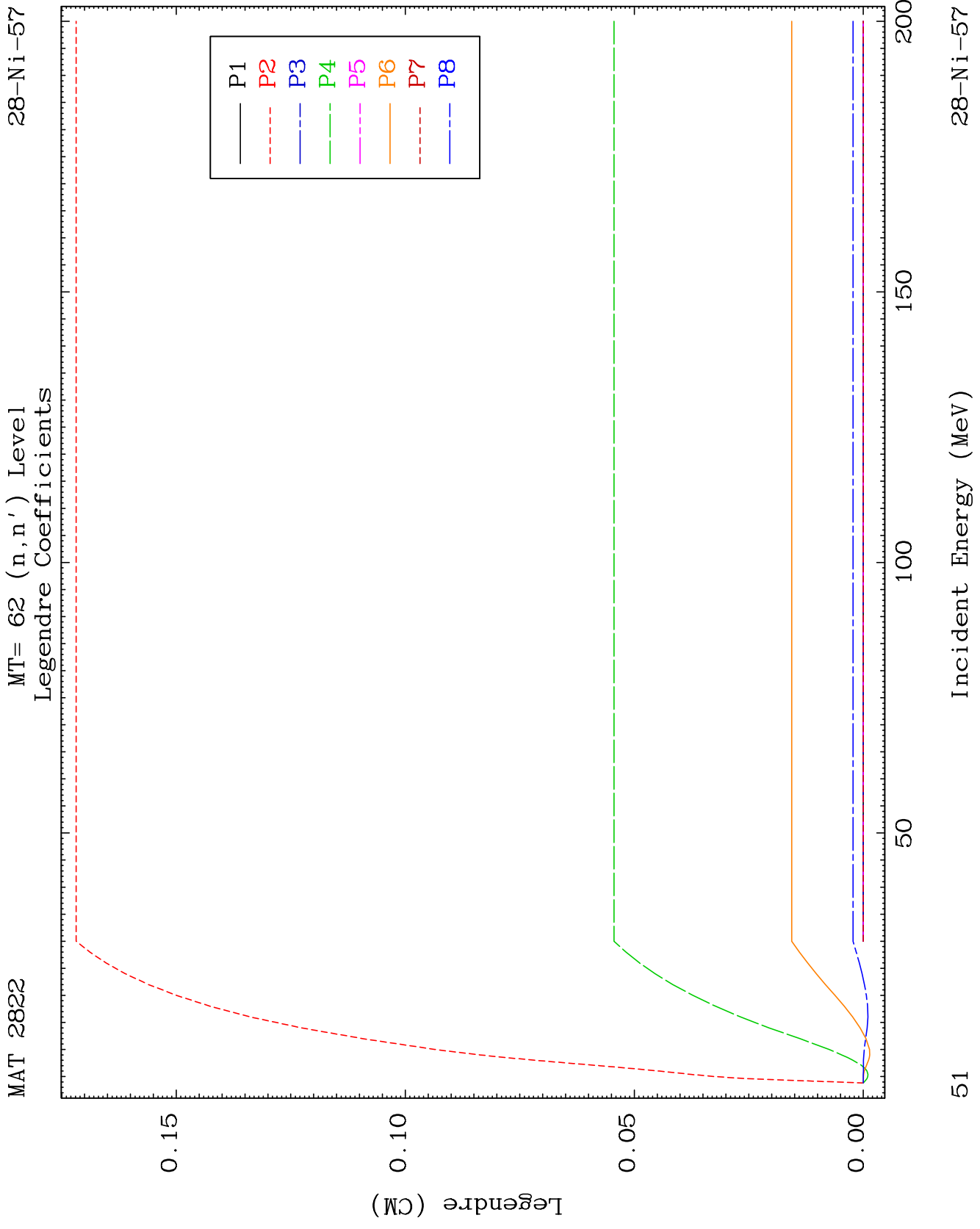


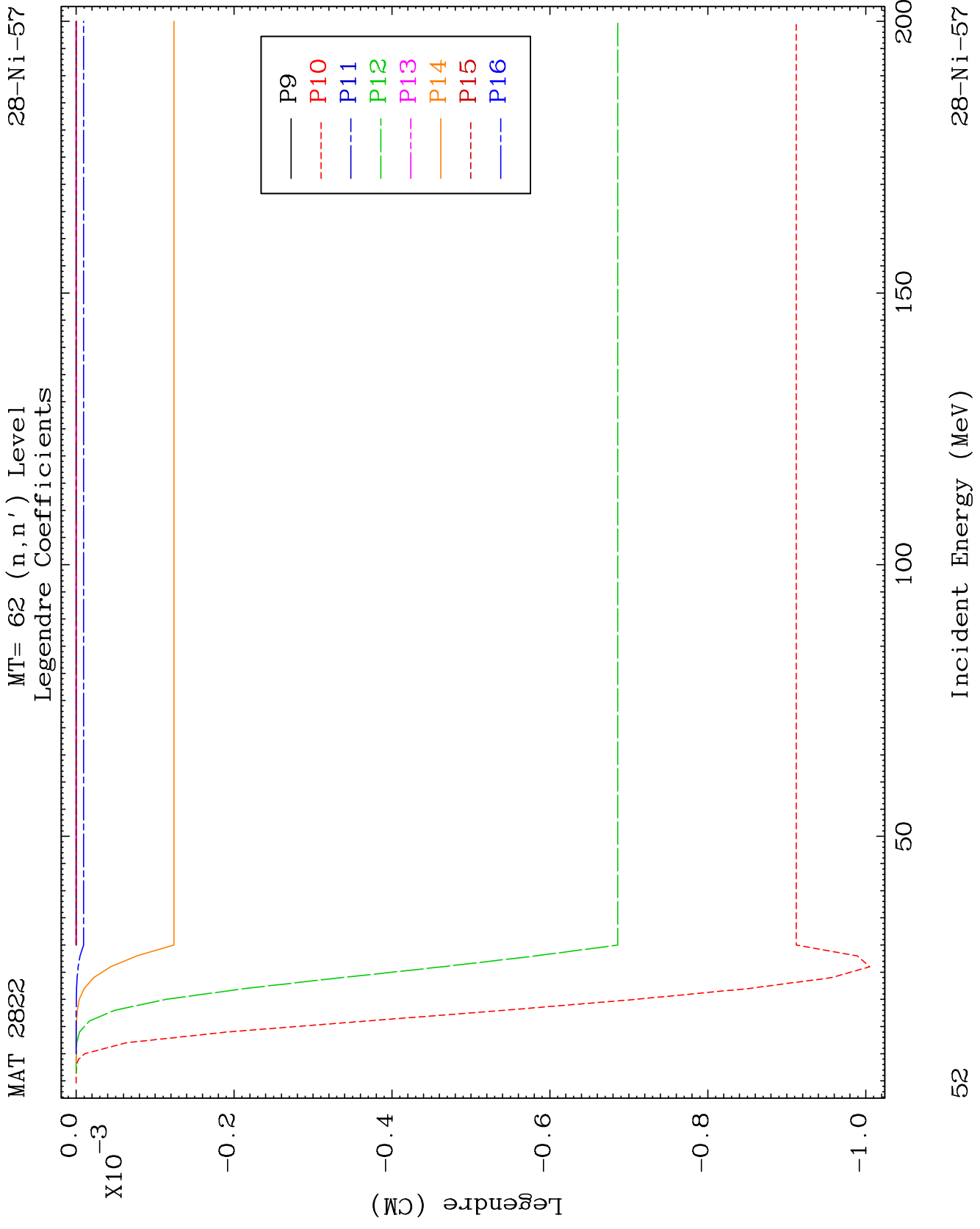
49

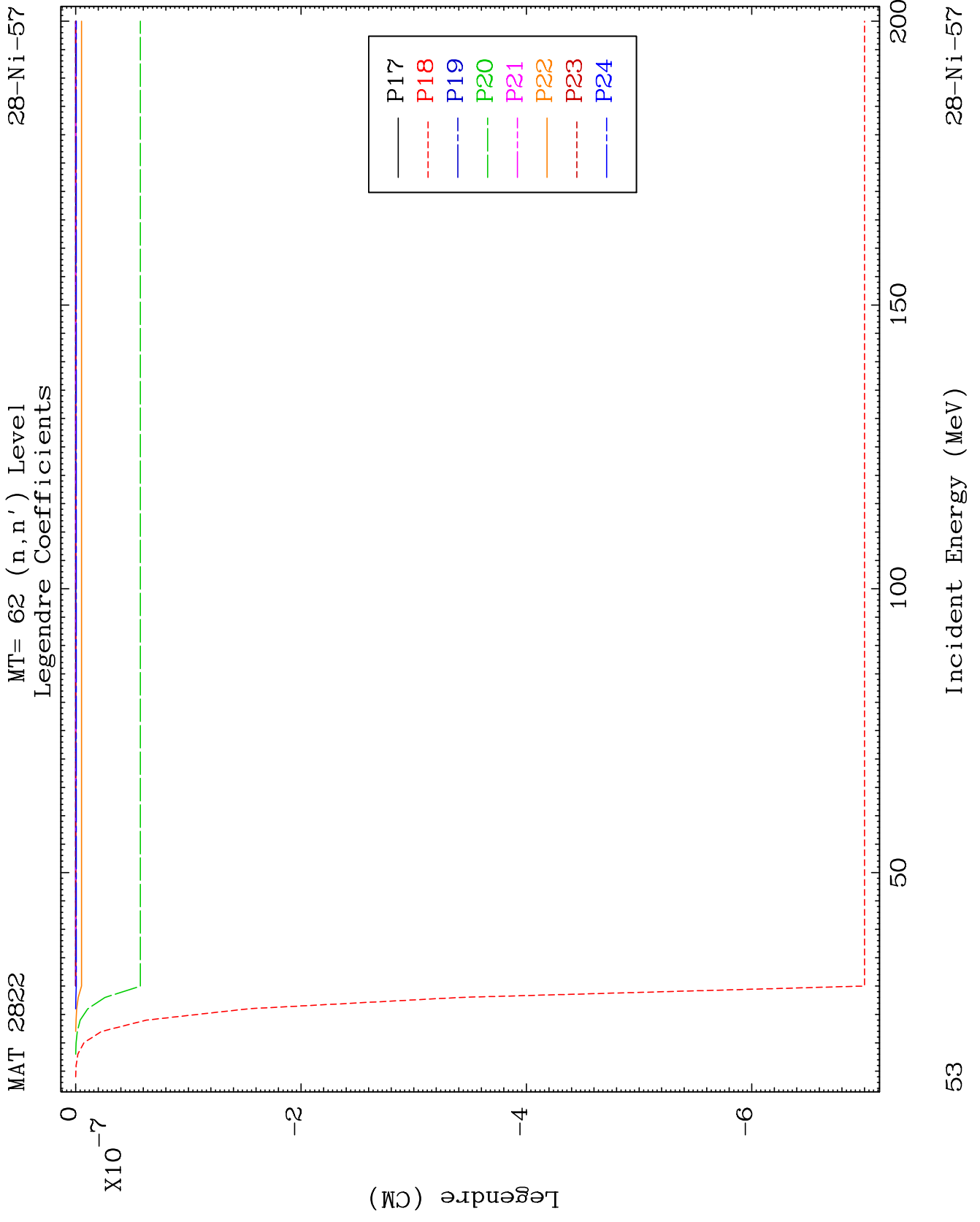
Incident Energy (MeV)

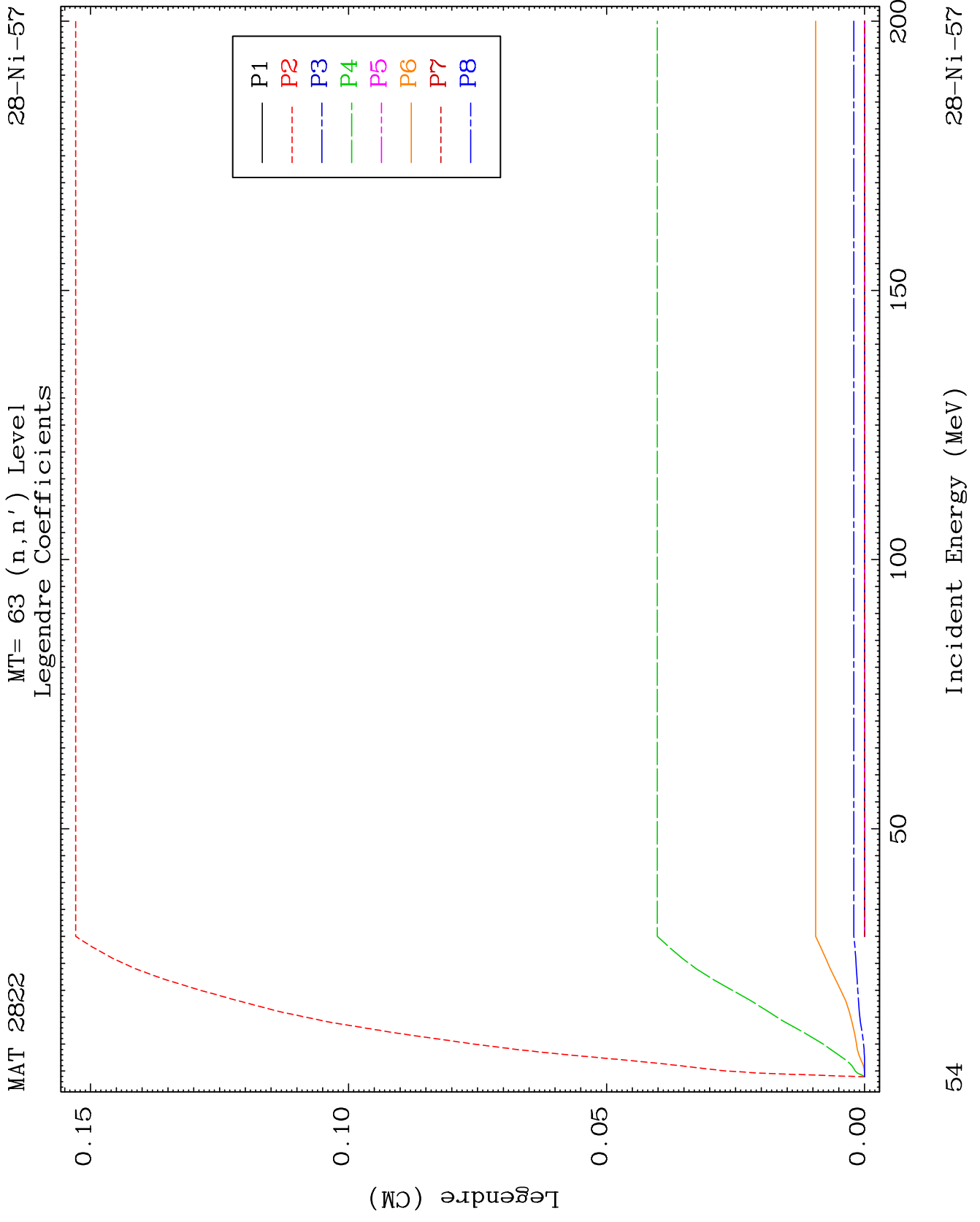
28-Ni-57

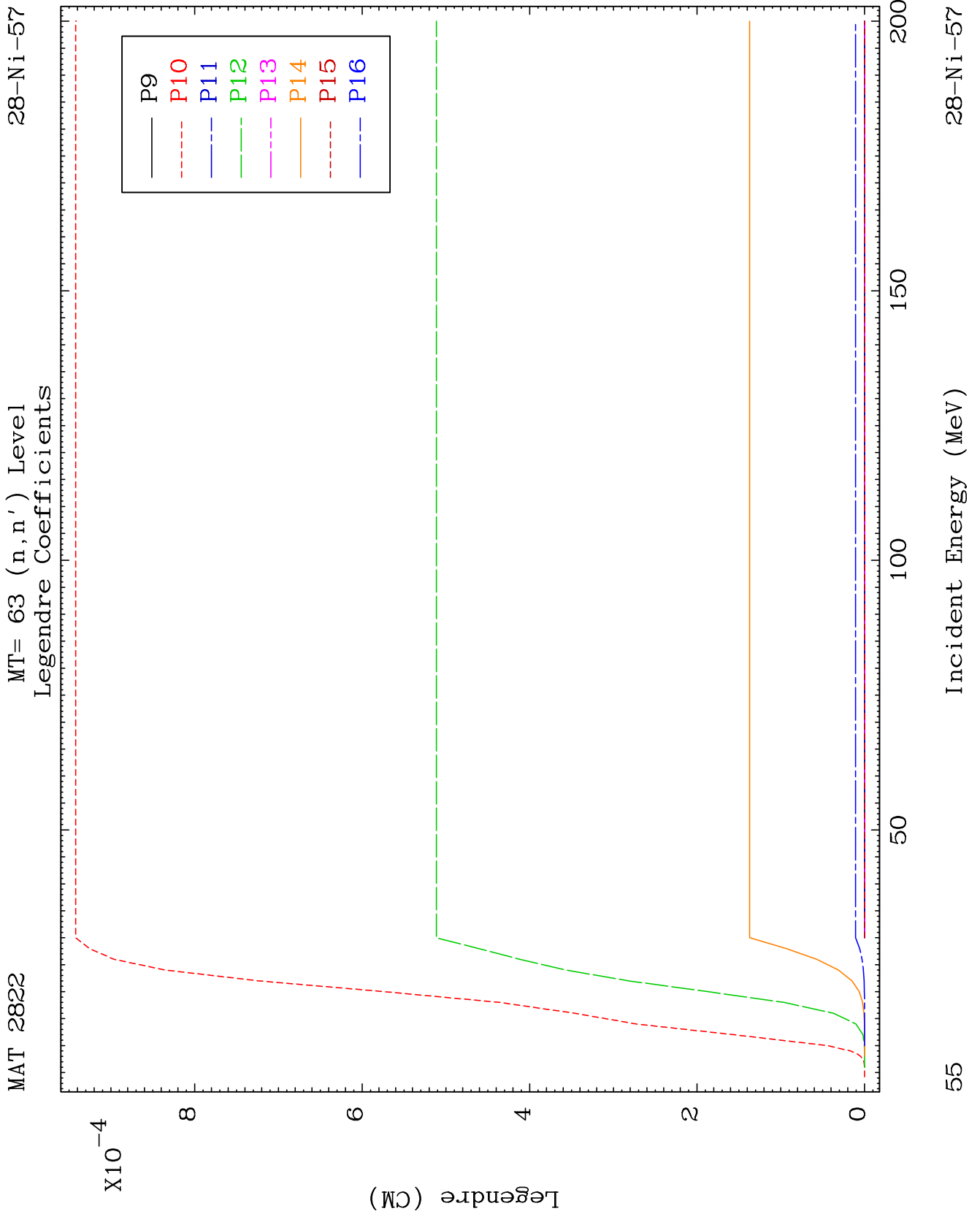












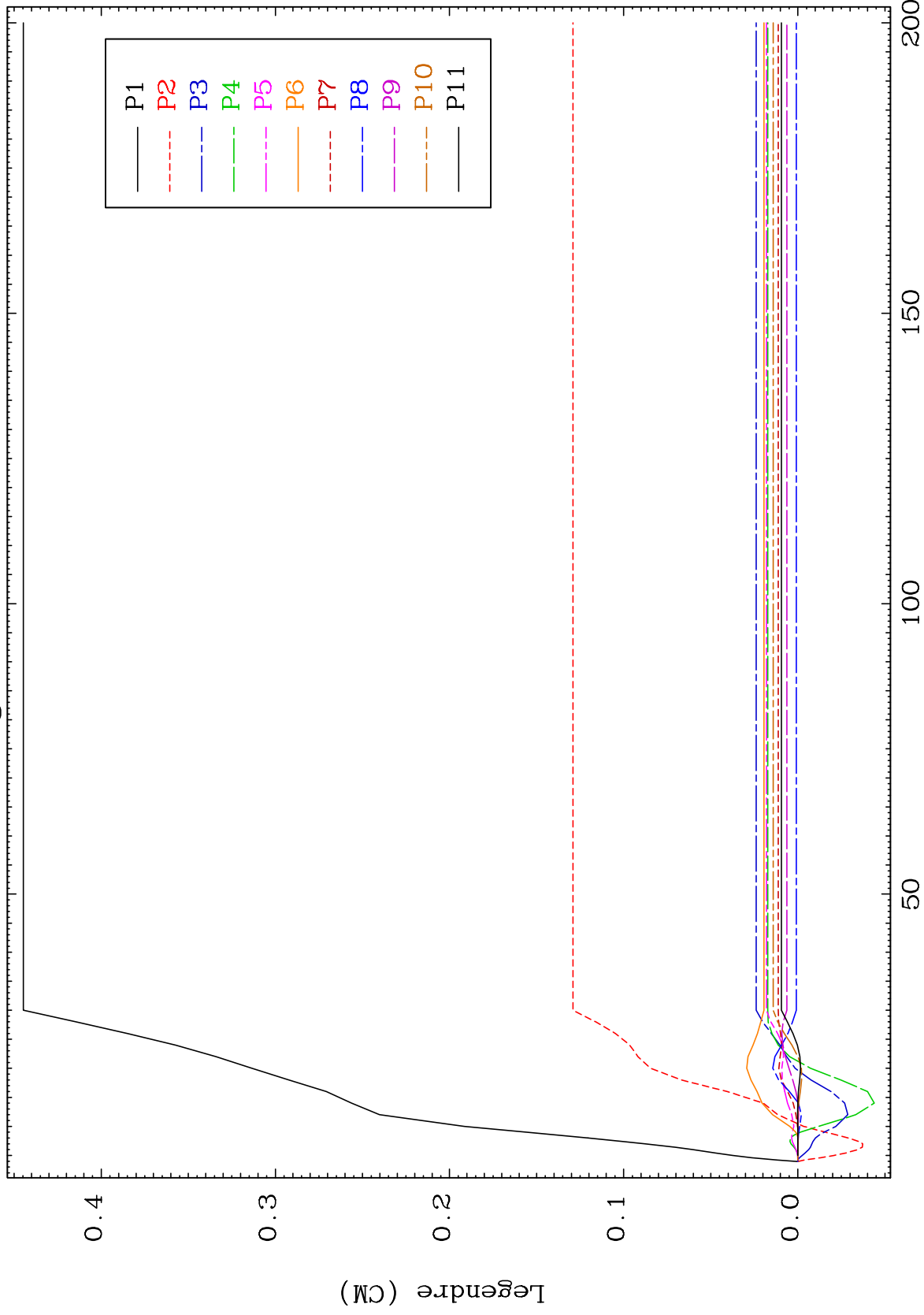




MAT 2822

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

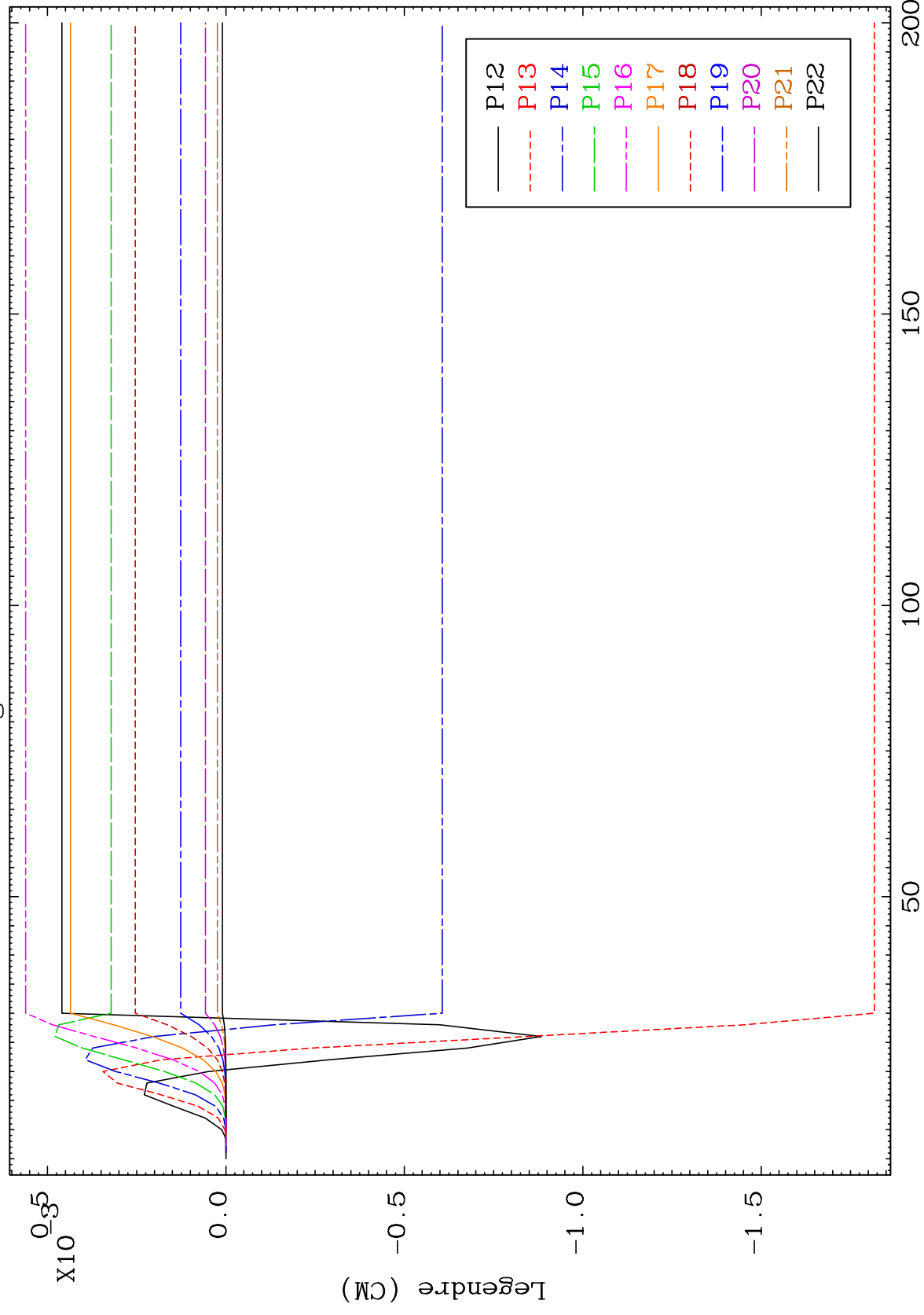
28-Ni-57



57

Incident Energy (MeV)

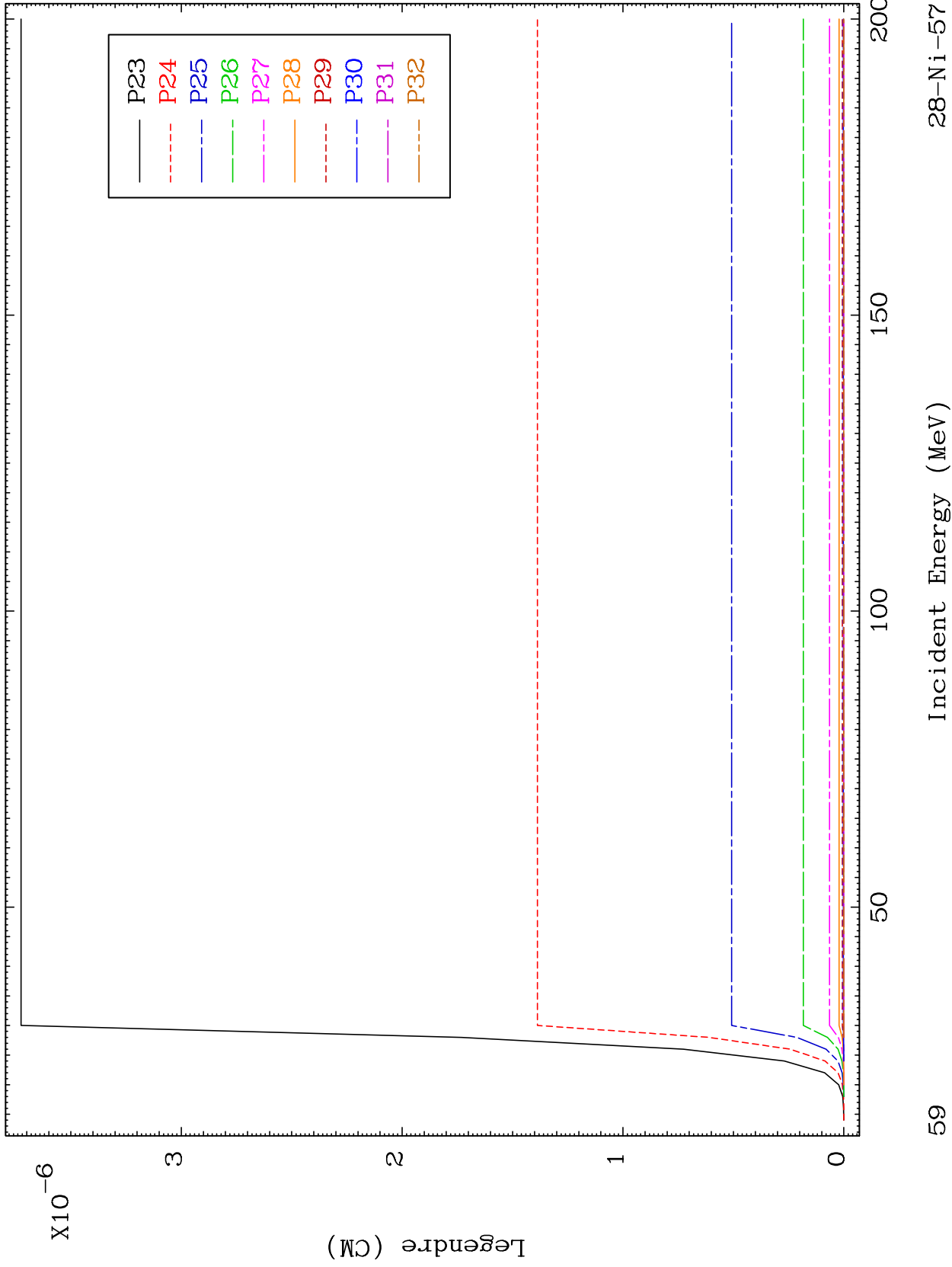
28-Ni-57



MAT 2822

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

28-Ni-57



59

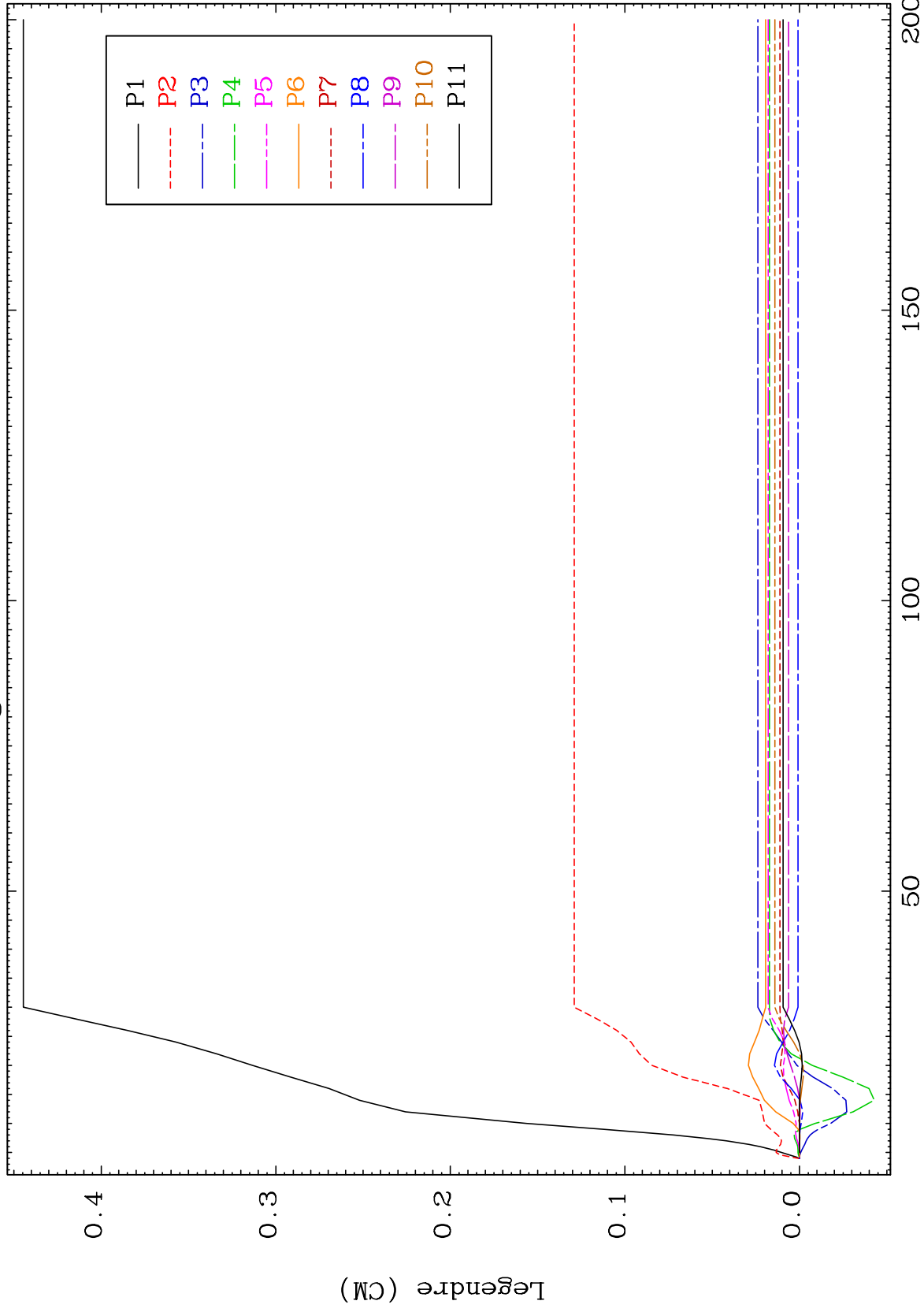
Incident Energy (MeV)

28-Ni-57

MAT 28222

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

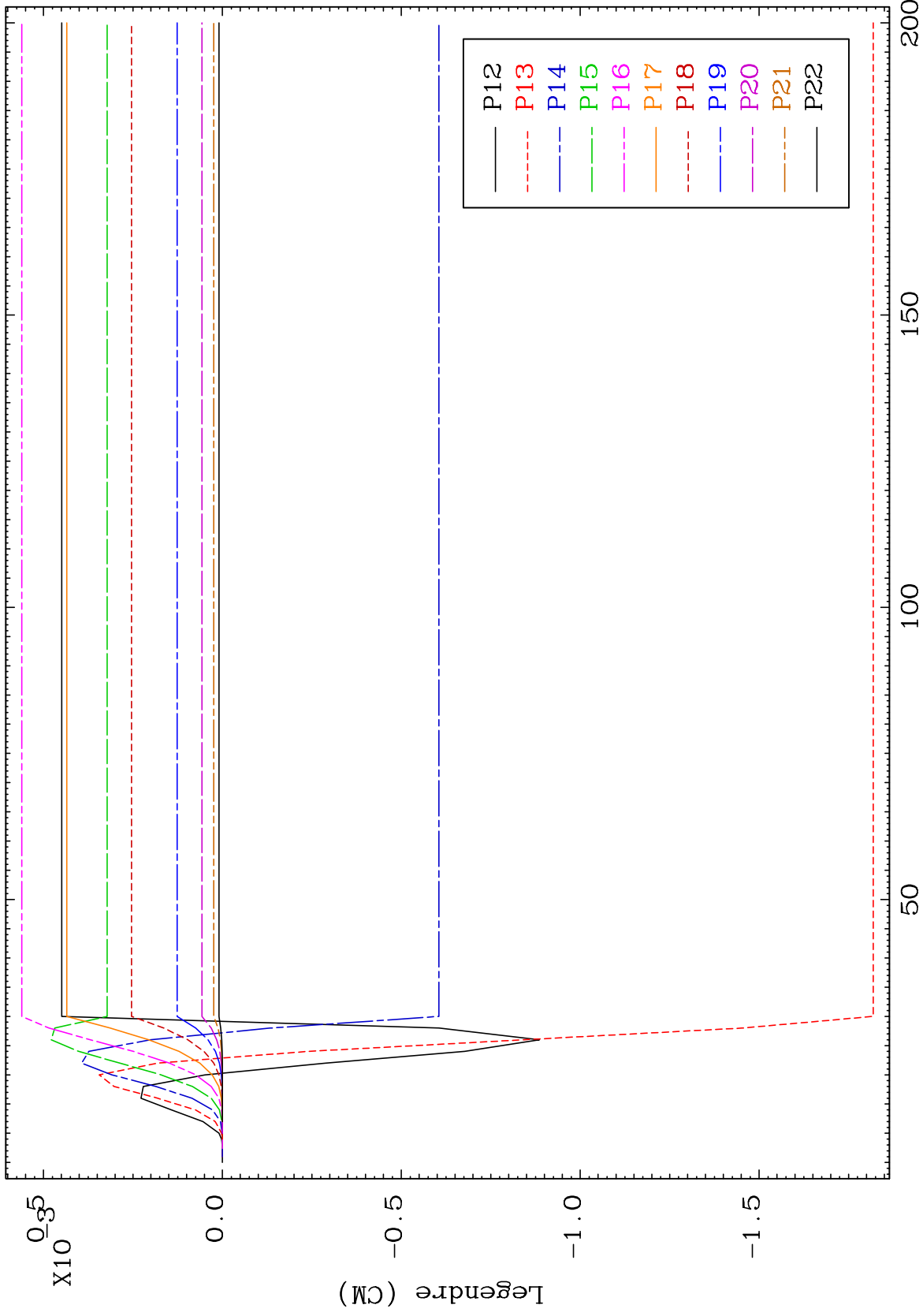
28-Ni-57



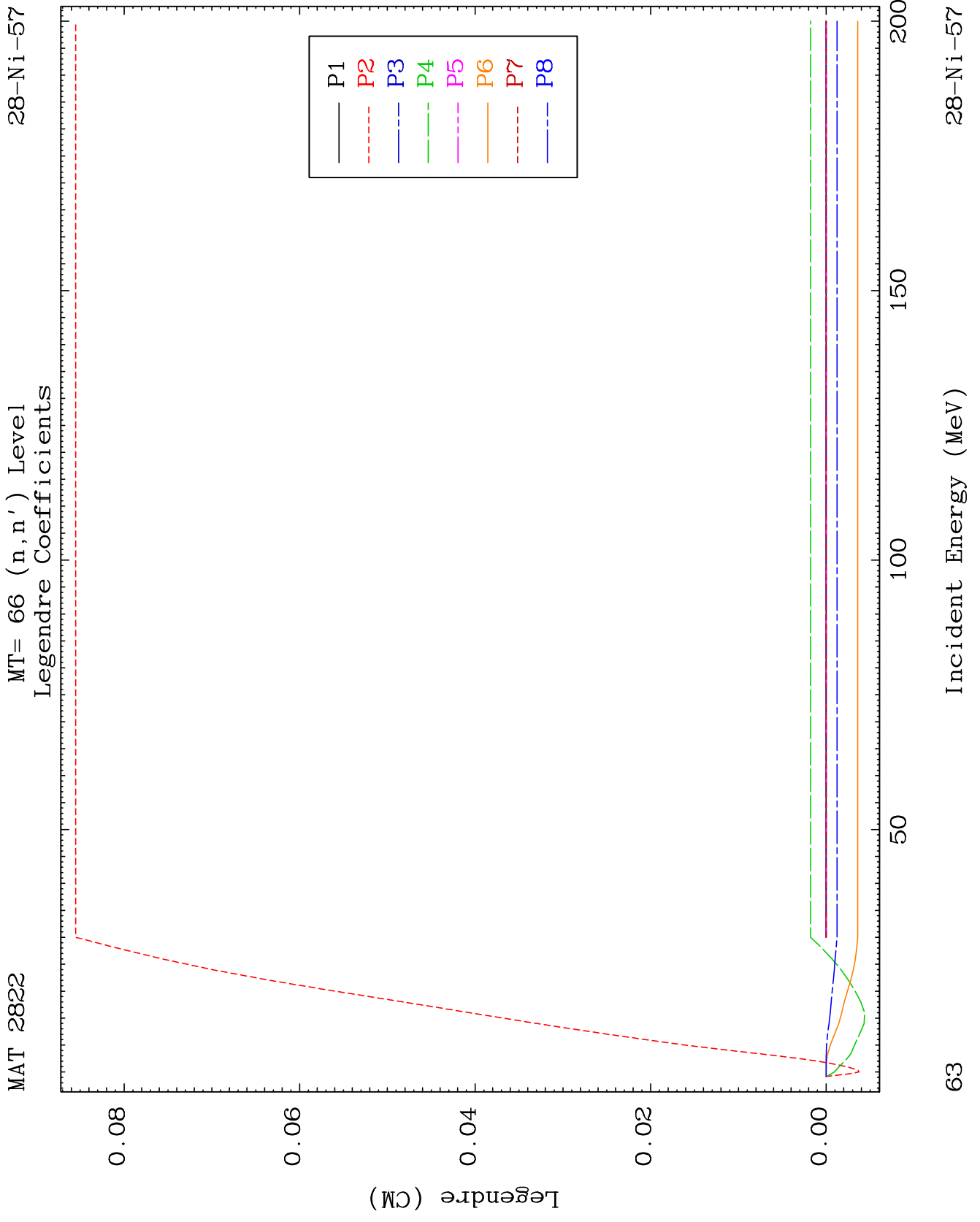
60

Incident Energy (MeV)

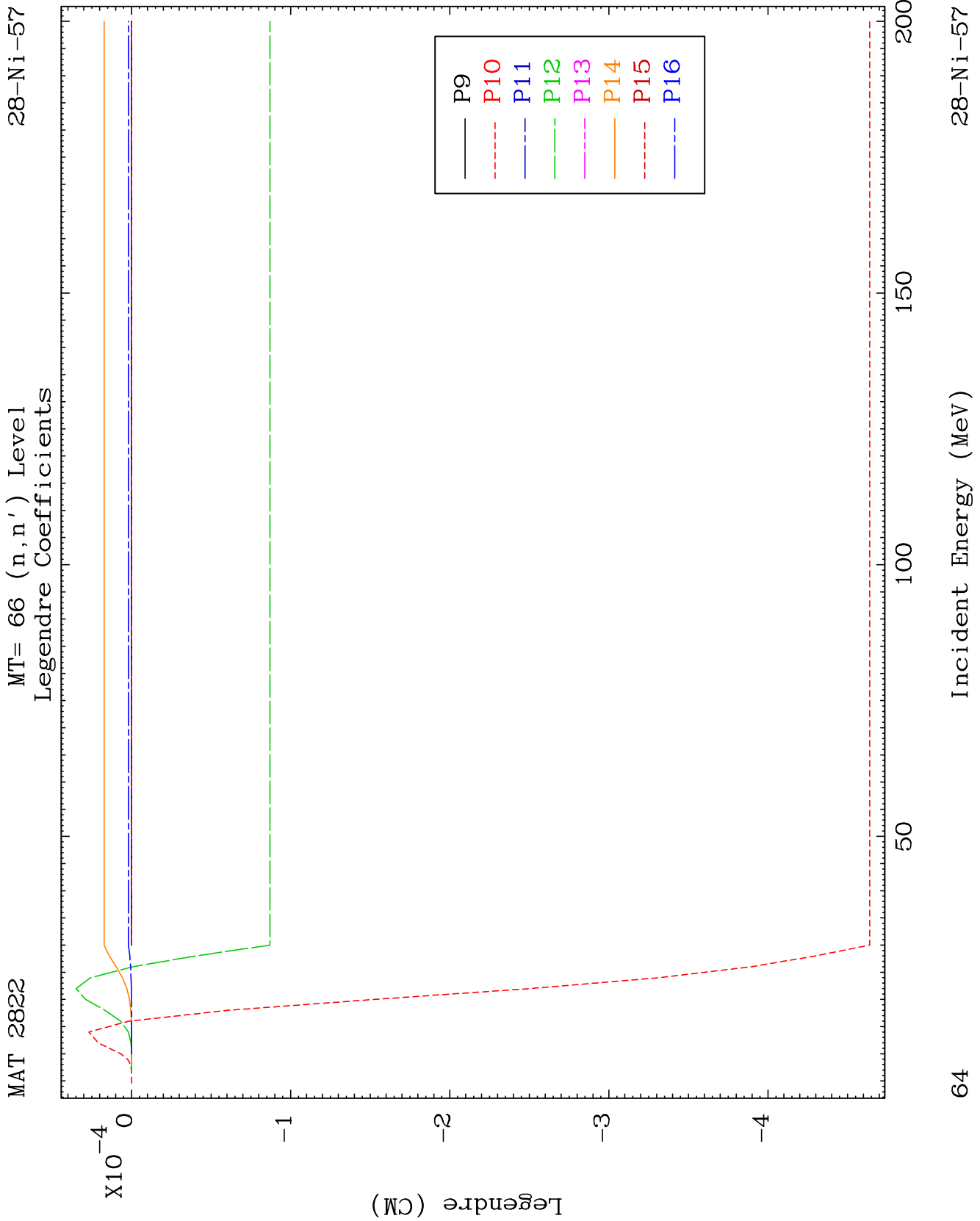
28-Ni-57











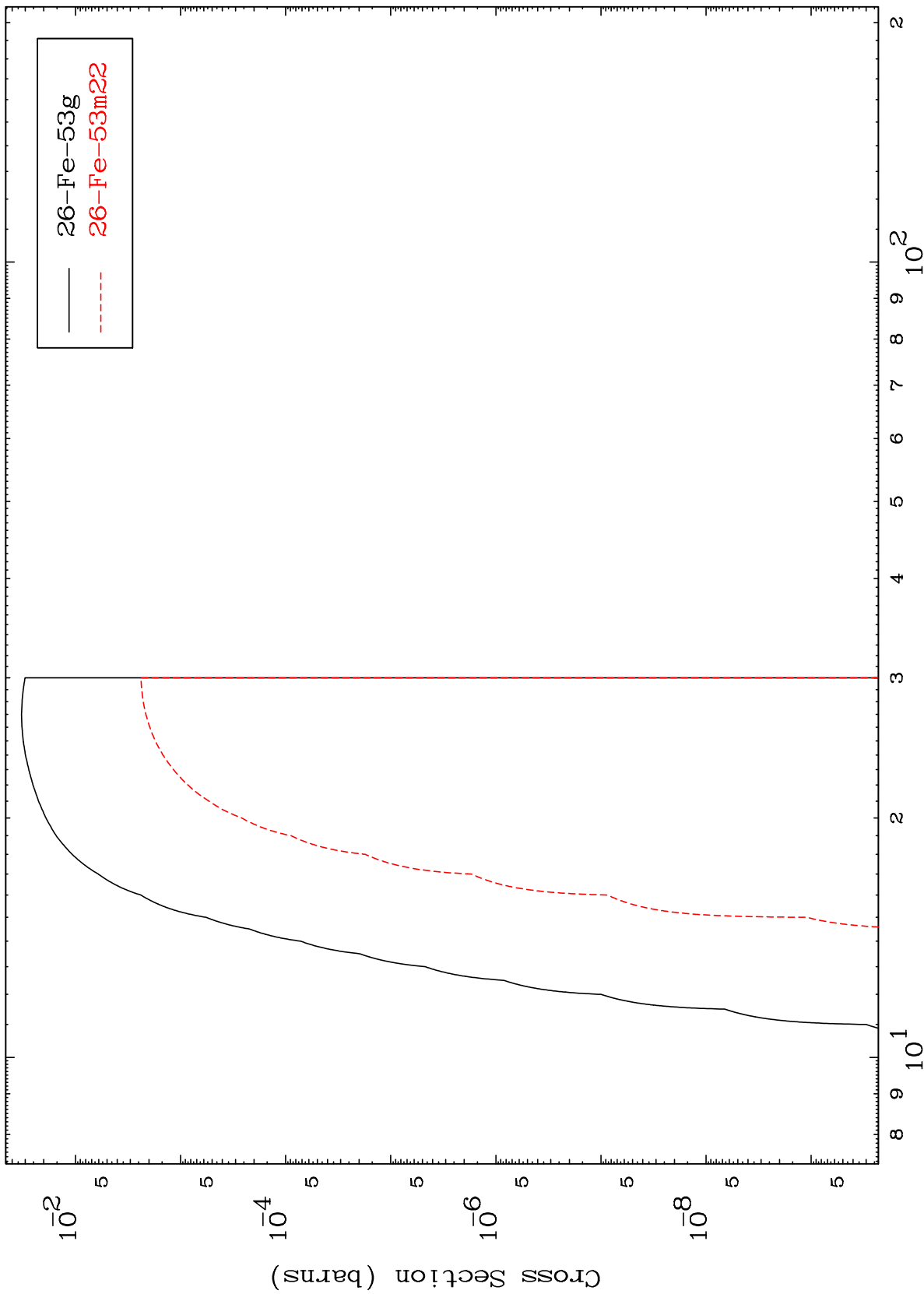


MAT 2822

$(n, n') \alpha$

28-Ni-57

Radionuclide Production Cross Section



66

Incident Energy (MeV)

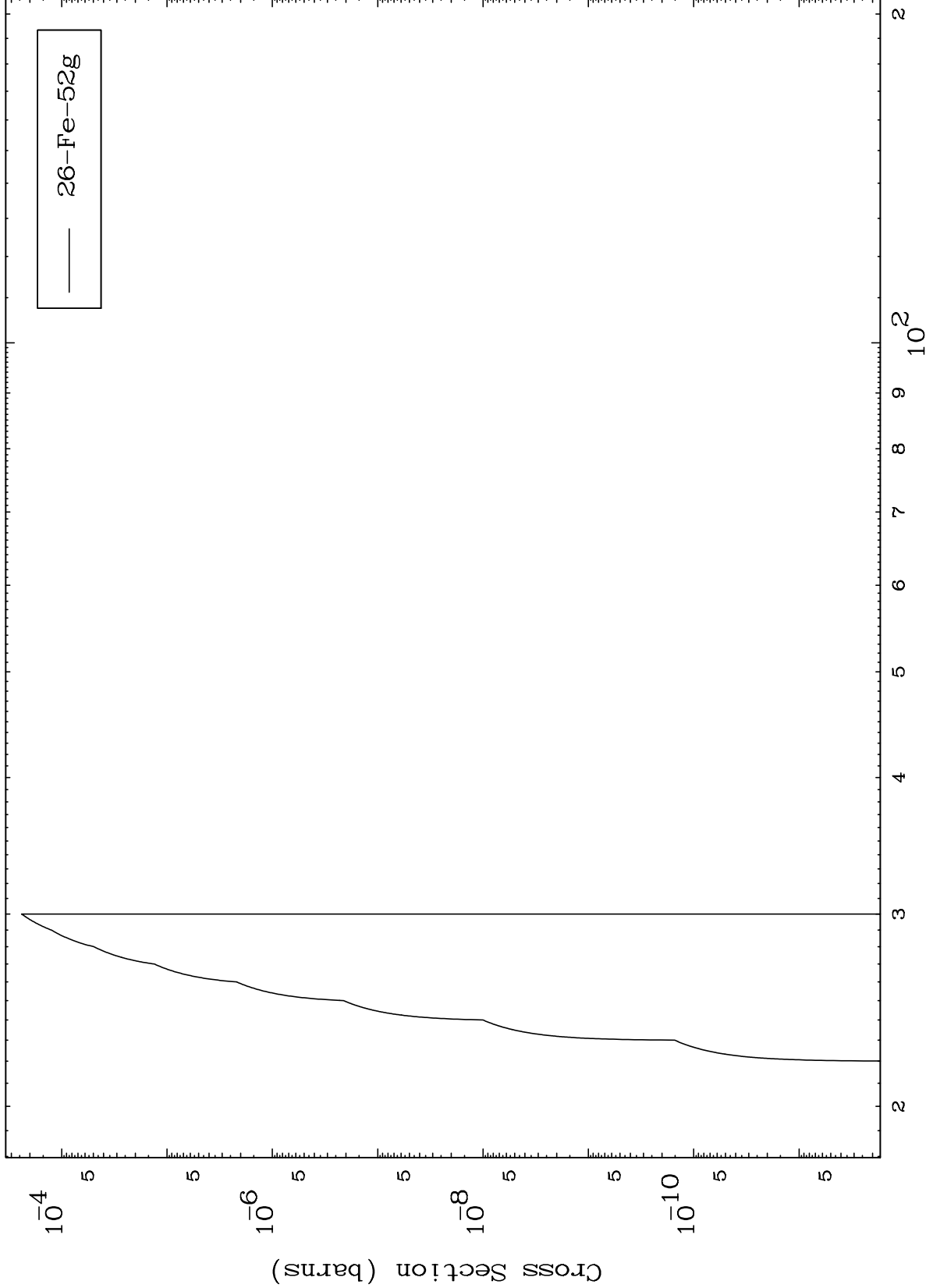
28-Ni-57

MAT 28222

(n,2n)  $\alpha$

28-Ni-57

Radionuclide Production Cross Section



67

Incident Energy (MeV)

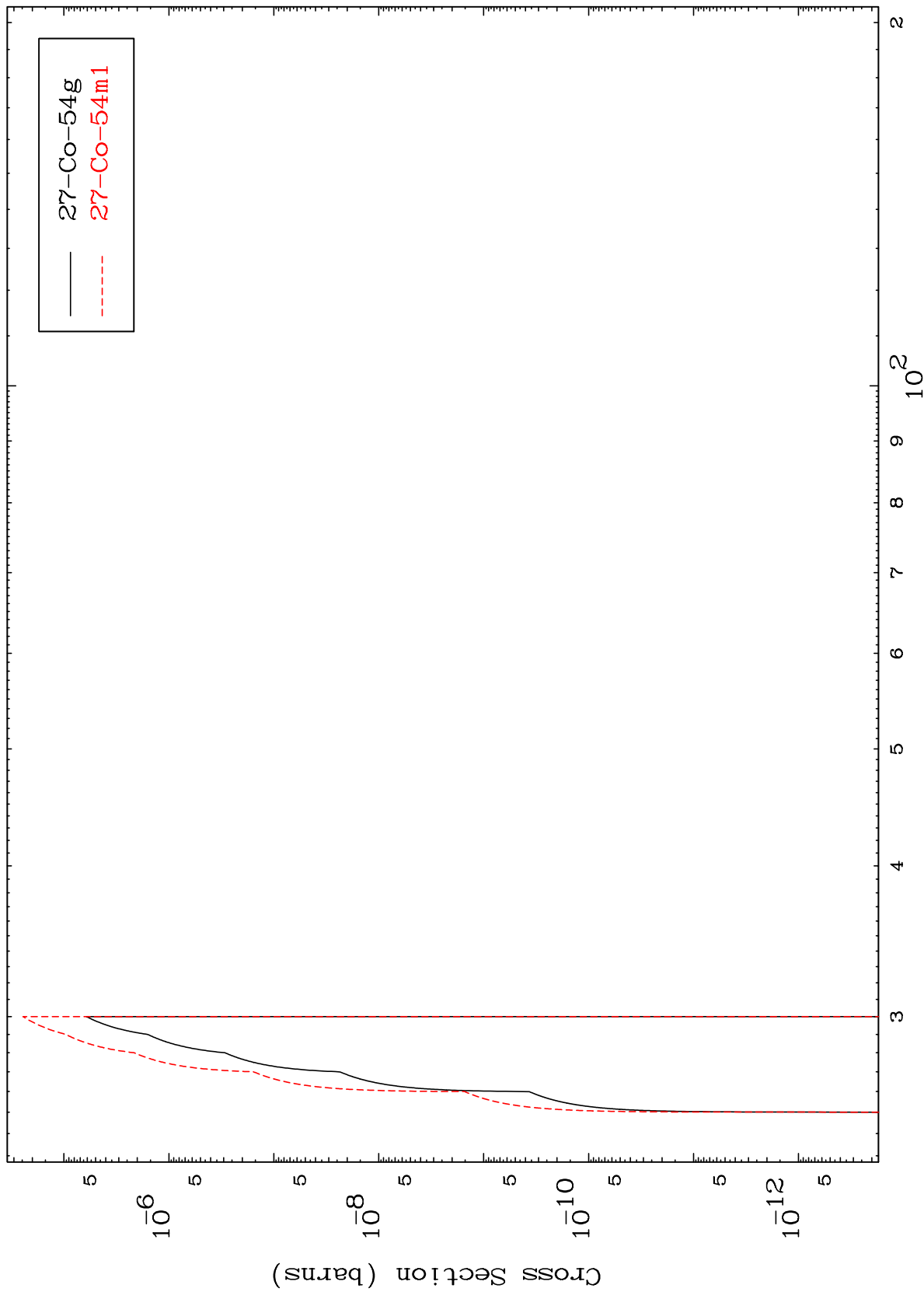
28-Ni-57

MAT 2822

(n,n') t

28-Ni-57

Radionuclide Production Cross Section

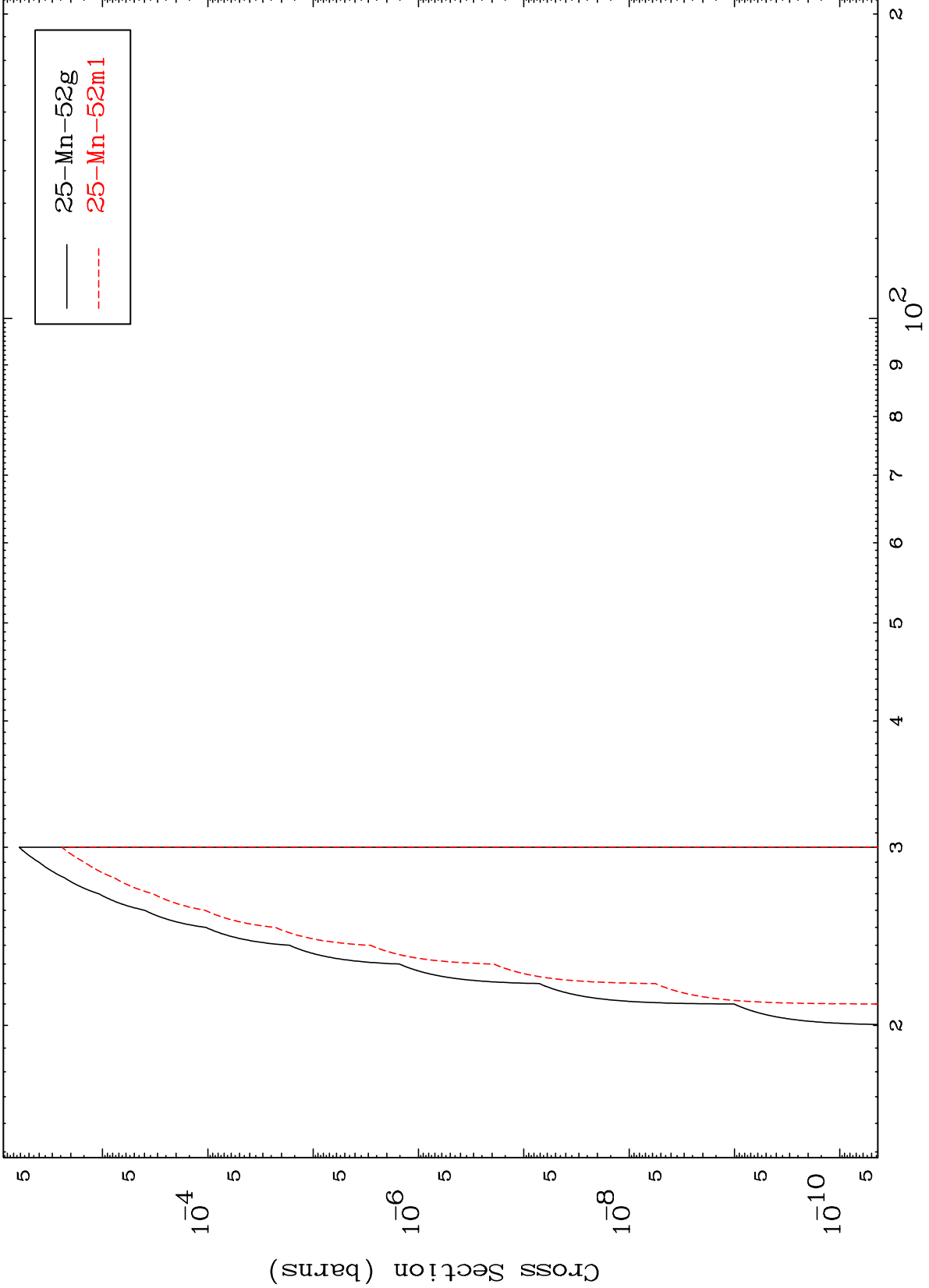


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Incident Energy (MeV)

28-Ni-57

Radionuclide Production Cross Section

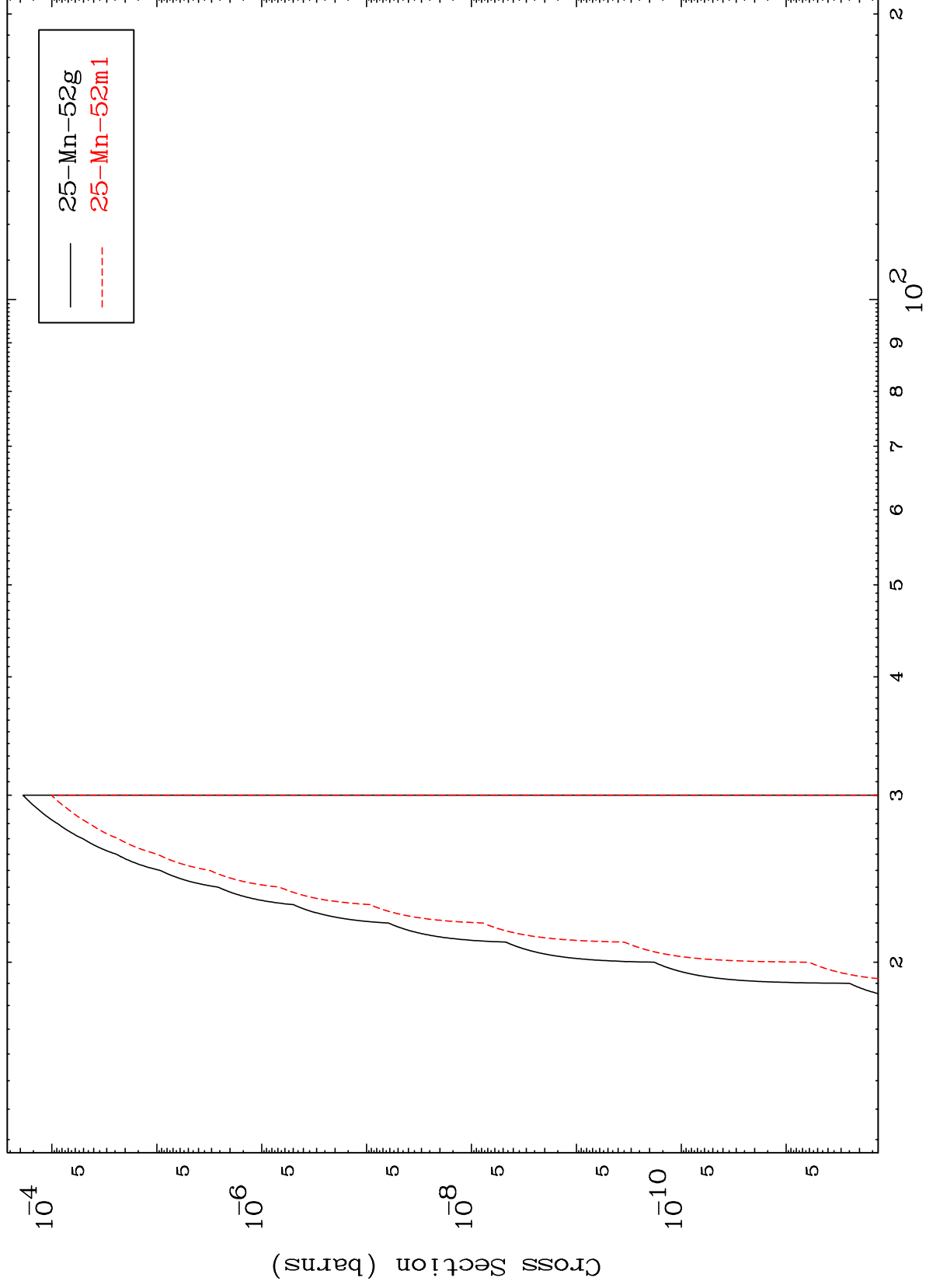


MAT 2822

(n,d)  $\alpha$

$^{28}\text{Ni}-57$

Radionuclide Production Cross Section



70

Incident Energy (MeV)

$^{28}\text{Ni}-57$