

Program EVALPLOT  
(Version 2018-1)

by

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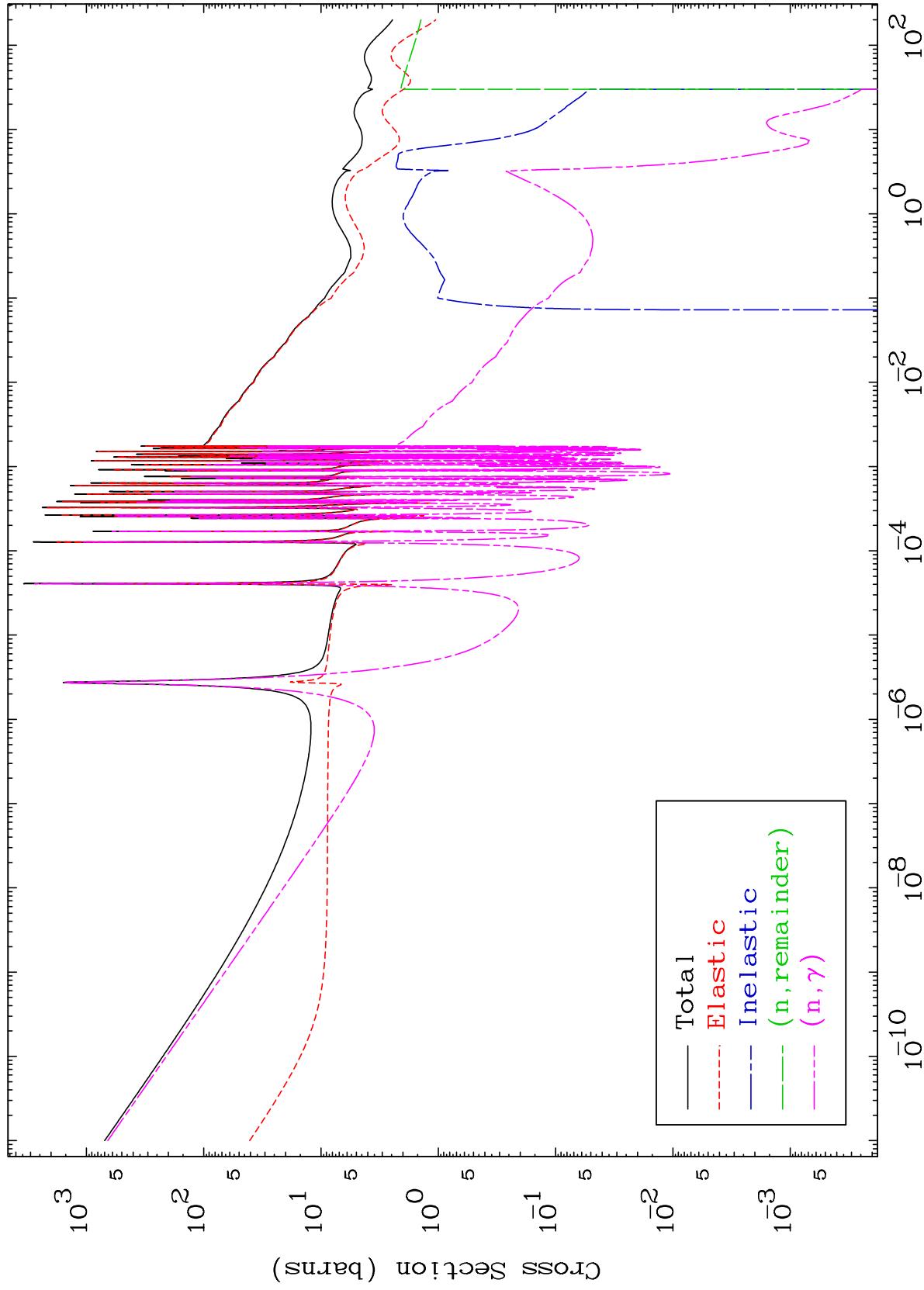
Press Mouse Button to Start

MAT 6270

Major

293 Kelvin Cross Sections

62-Sm-159



1

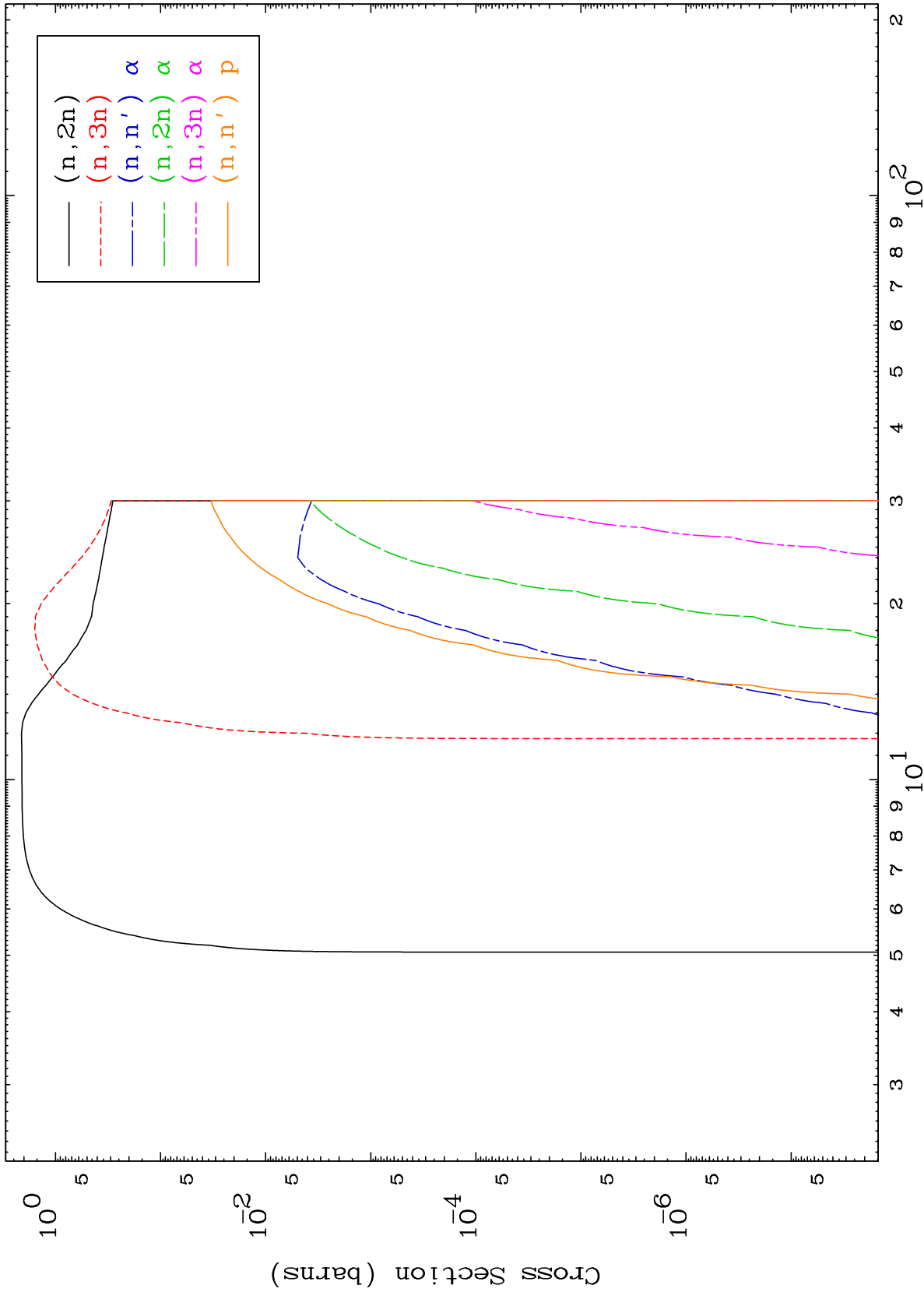
Incident Energy (MeV)

62-Sm-159

MAT 6270

Neutron Production  
293 Kelvin Cross Sections

62-Sm-159



2

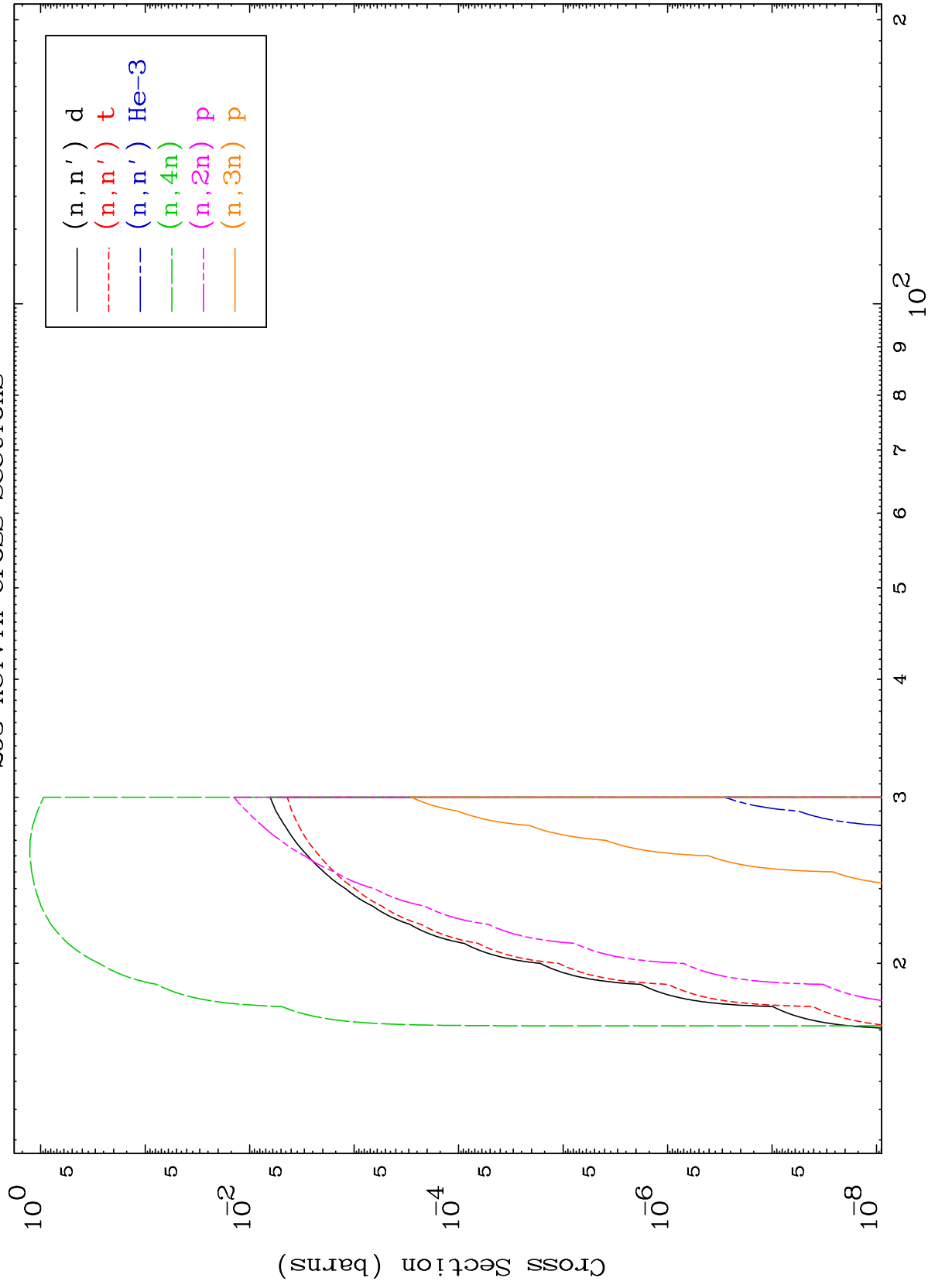
Incident Energy (MeV)

62-Sm-159

MAT 6270

Neutron Production  
293 Kelvin Cross Sections

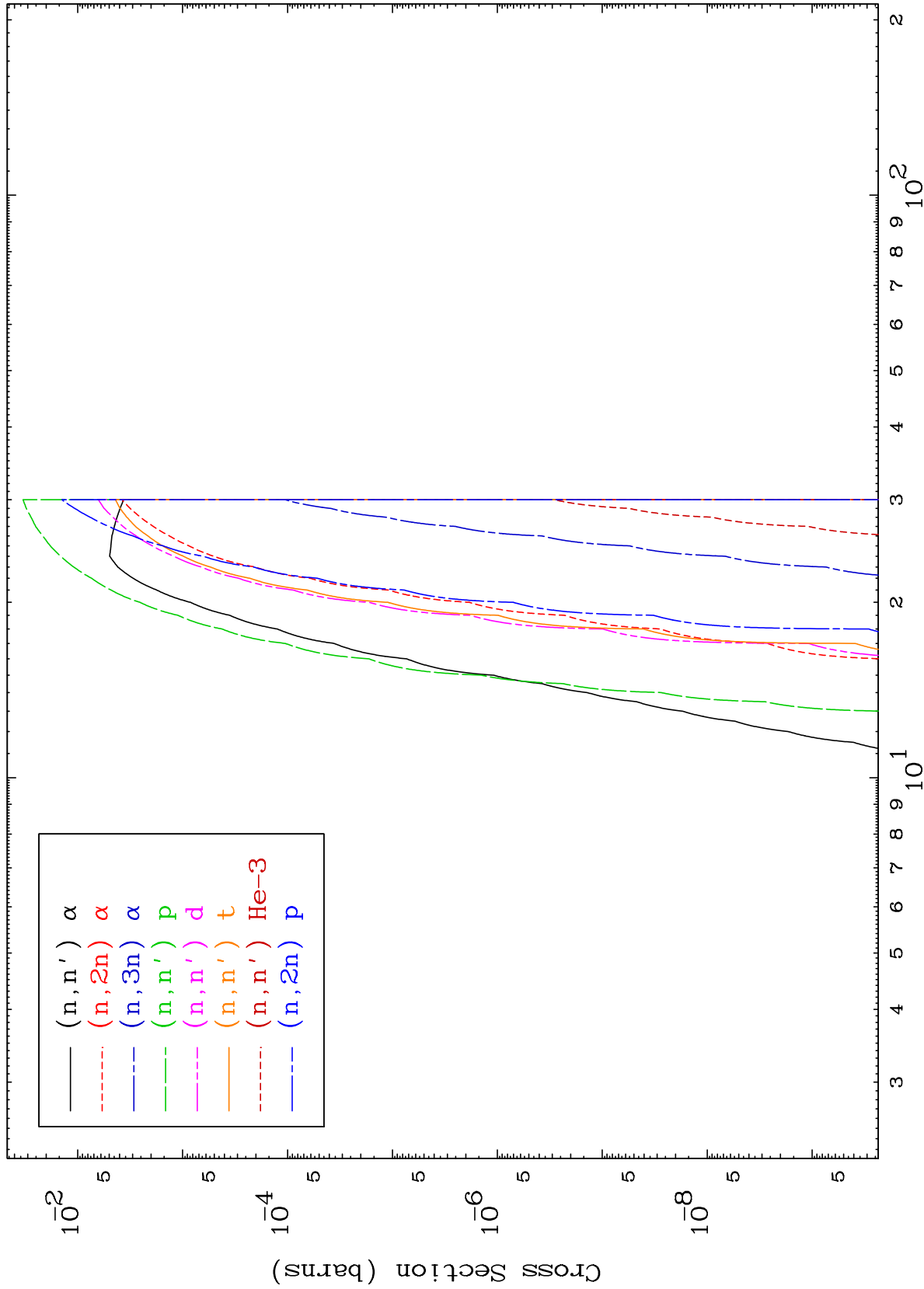
62-Sm-159

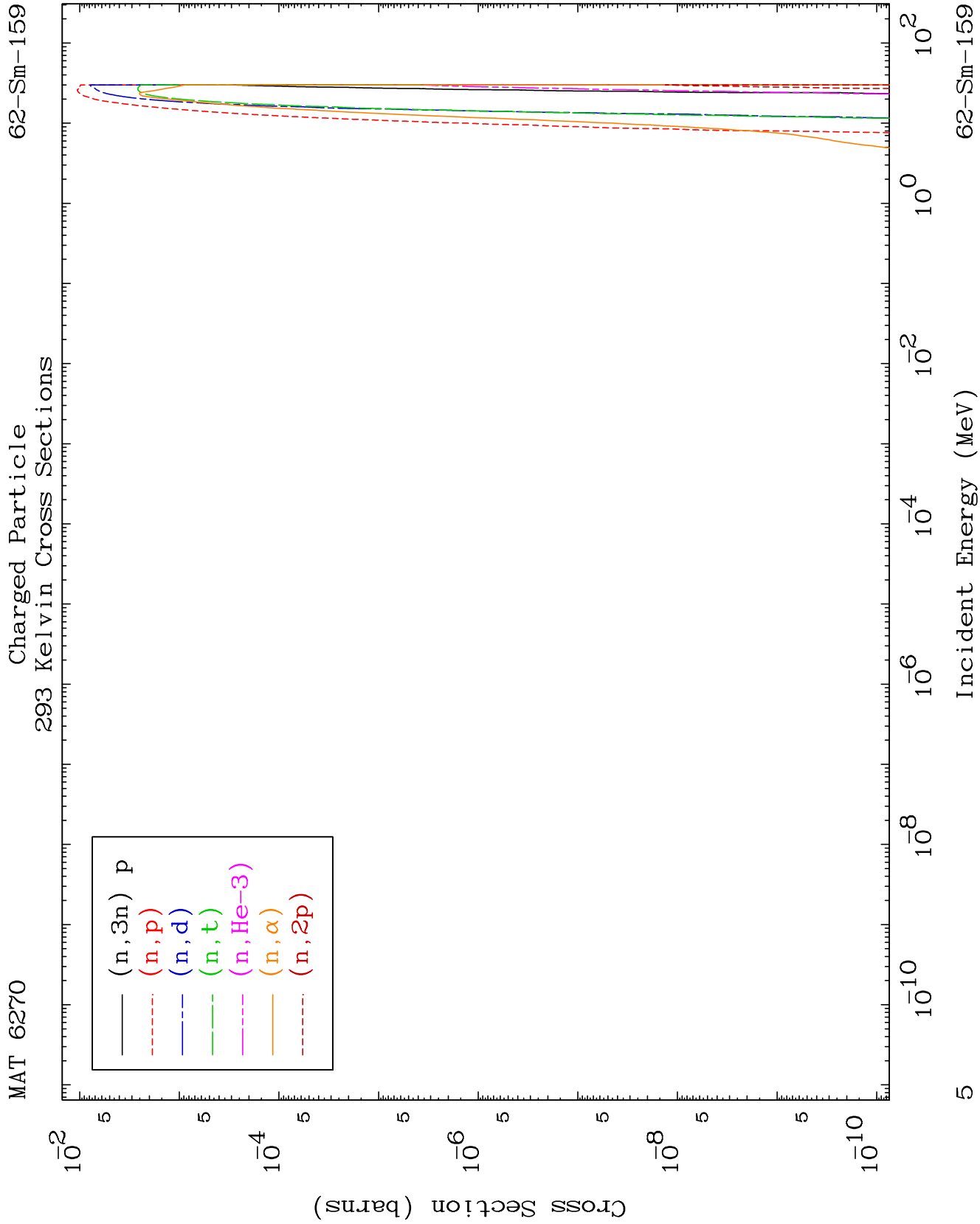


3

Incident Energy (MeV)

62-Sm-159

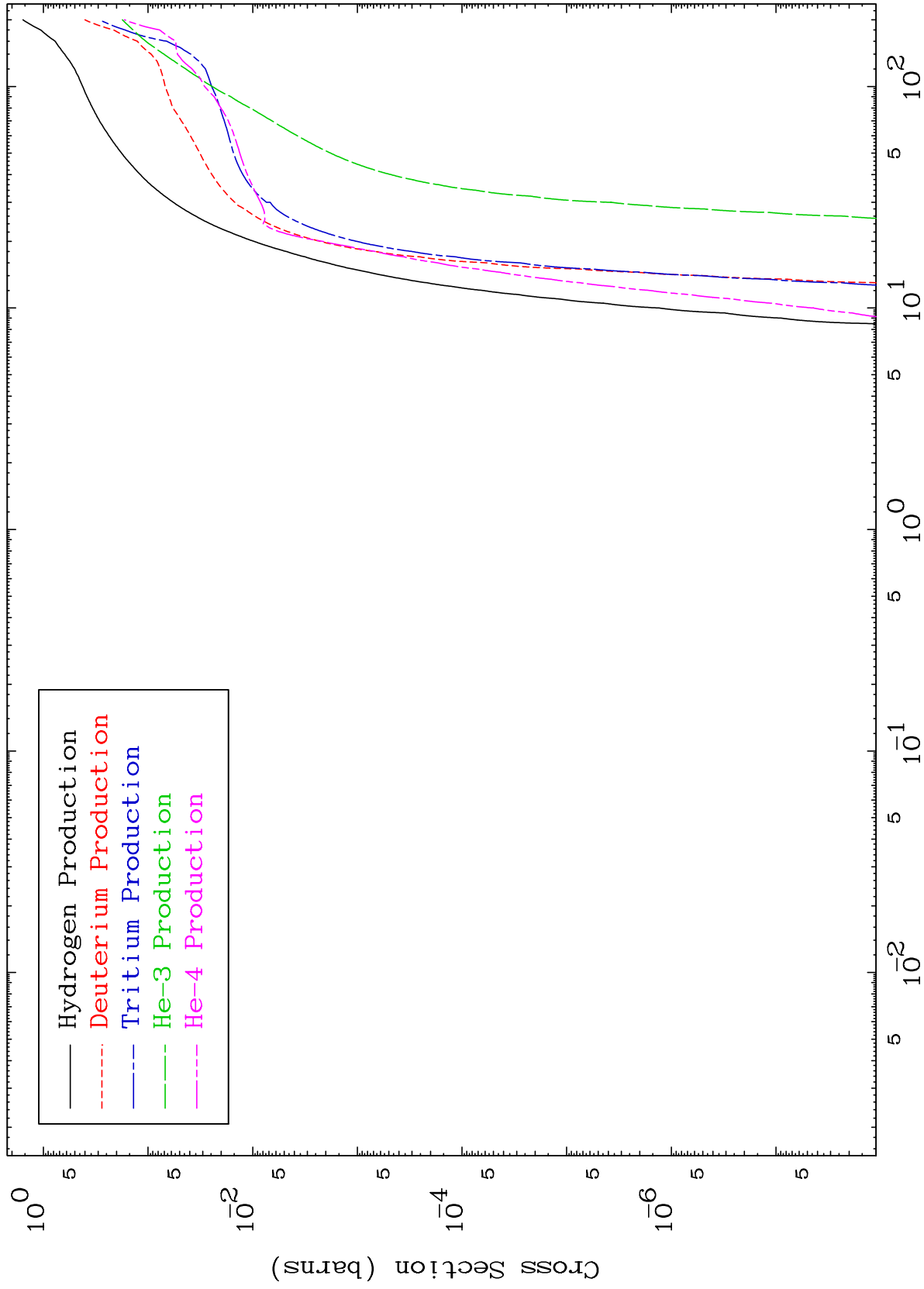




MAT 6270

Particle Production  
293 Kelvin Cross Sections

62-Sm-159

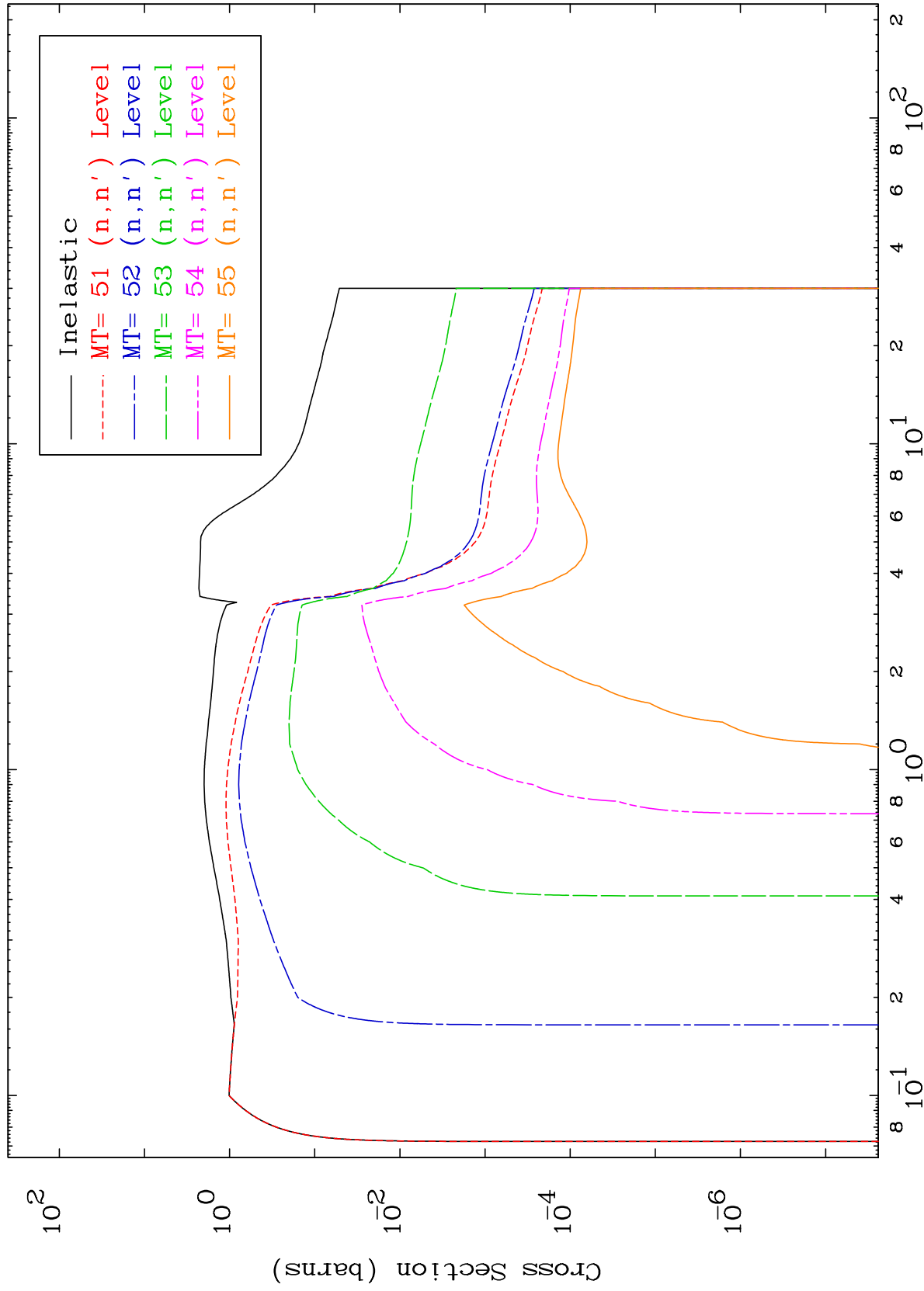


MAT 6270

(n,n') Level

62-Sm-159

293 Kelvin Cross Sections



7

Incident Energy (MeV)

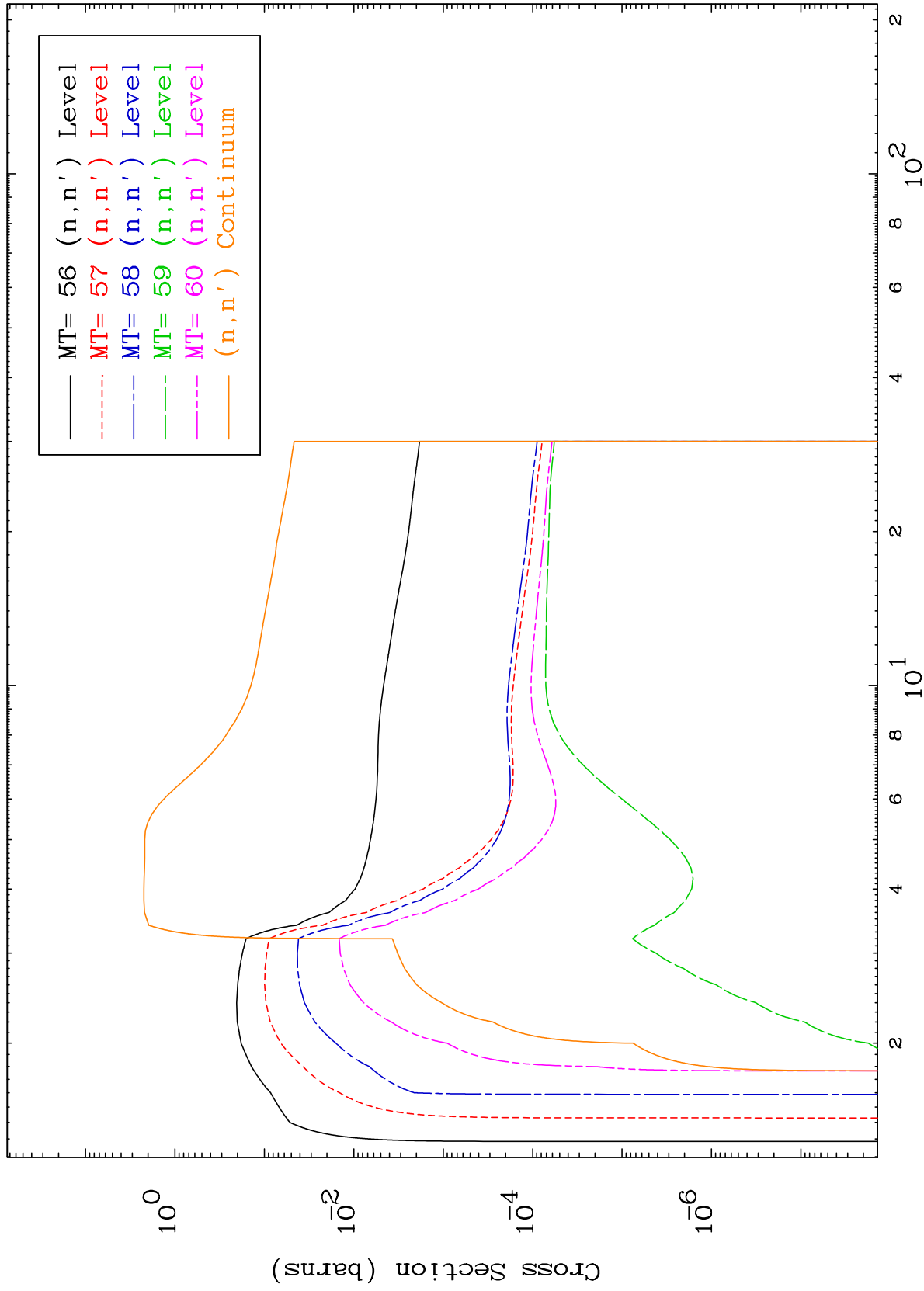
62-Sm-159



MAT 6270

$(n,n')$  Level  
293 Kelvin Cross Sections

62-Sm-159



8

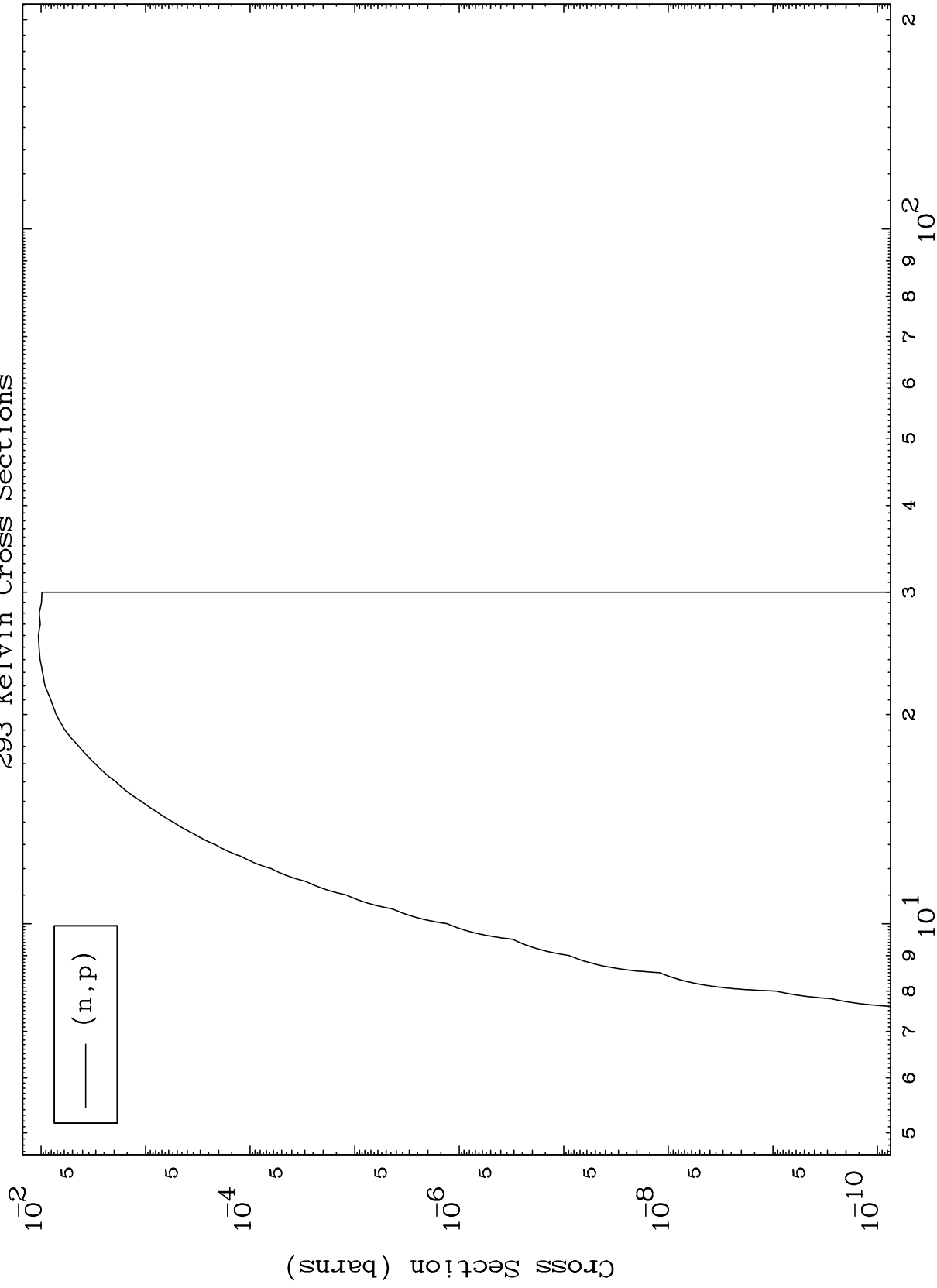
Incident Energy (MeV)

62-Sm-159

MAT 6270

62-Sm-159

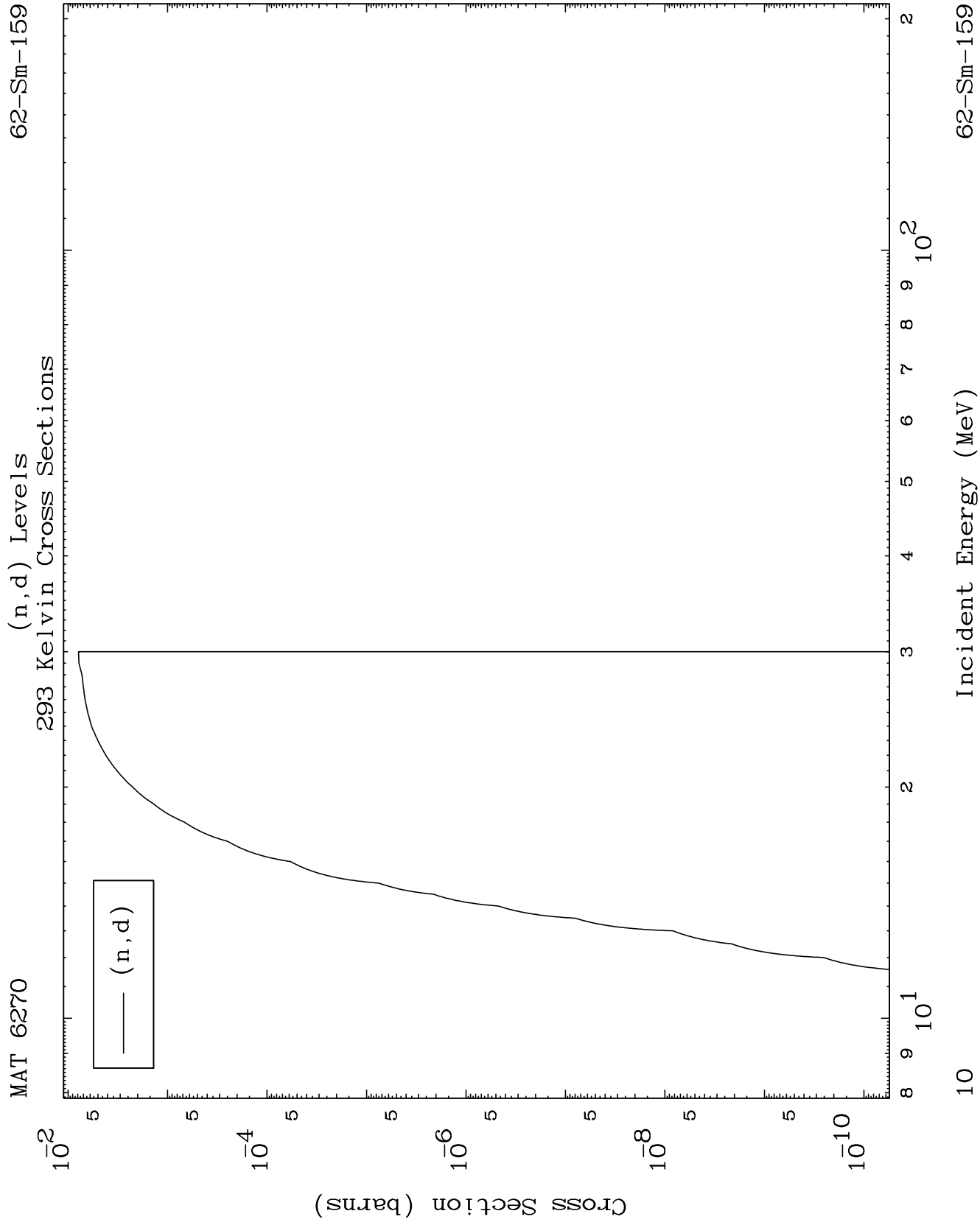
(n,p) Levels  
293 Kelvin Cross Sections



9

Incident Energy (MeV)

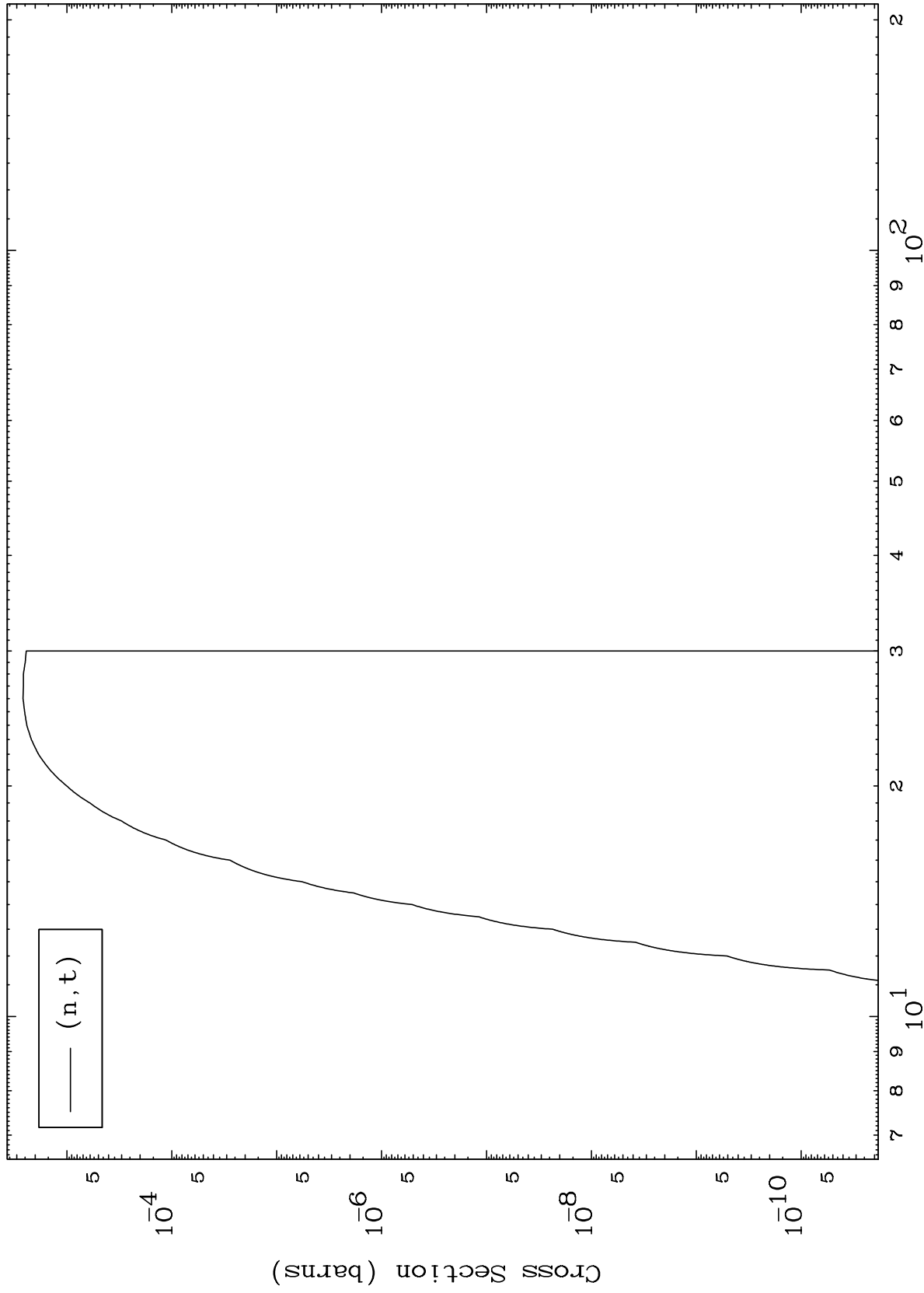
62-Sm-159



MAT 6270

62-Sm-159

(n,t) Levels  
293 Kelvin Cross Sections



11

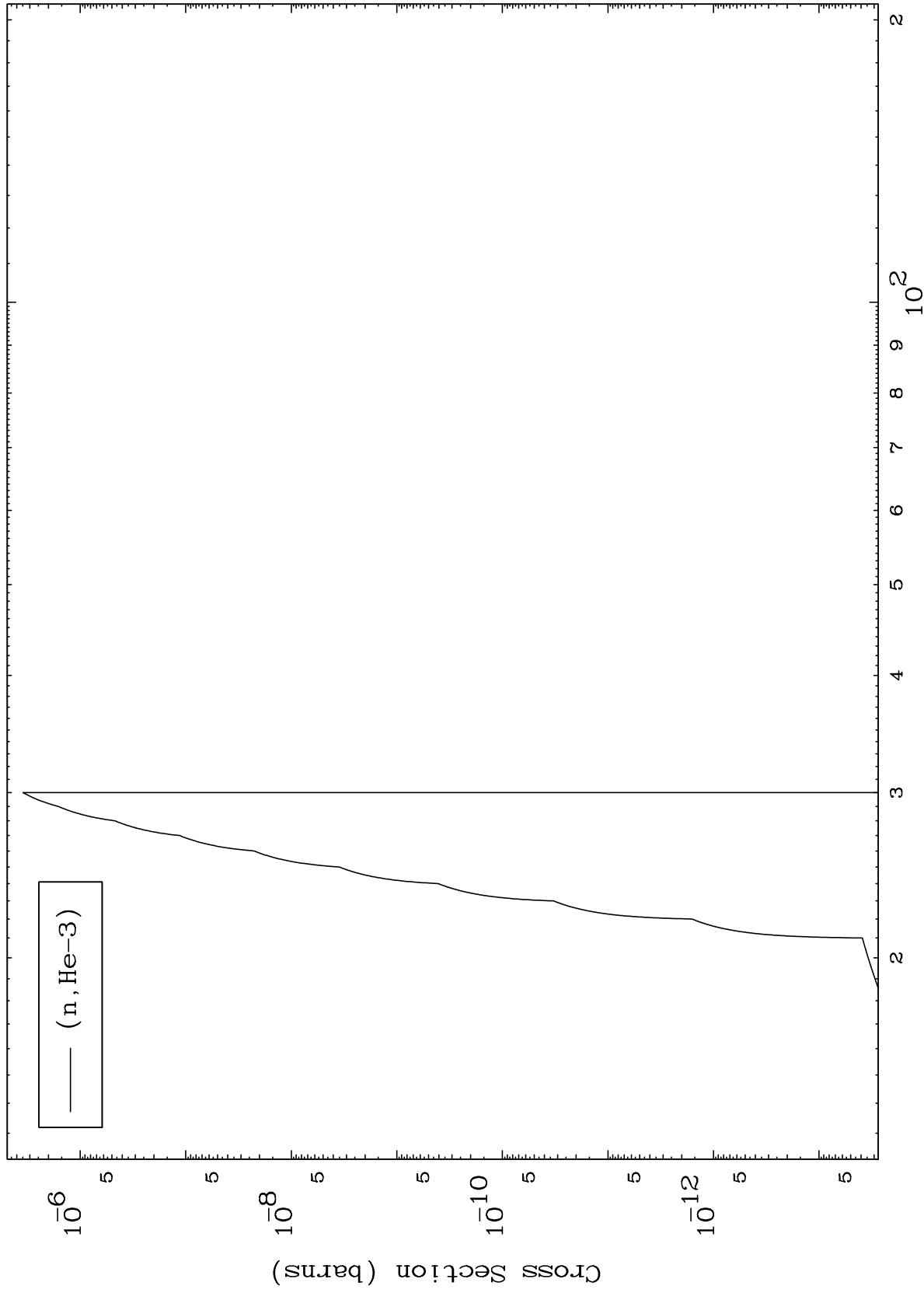
Incident Energy (MeV)

62-Sm-159

MAT 6270

62-Sm-159

(n,He3) Levels  
293 Kelvin Cross Sections



12

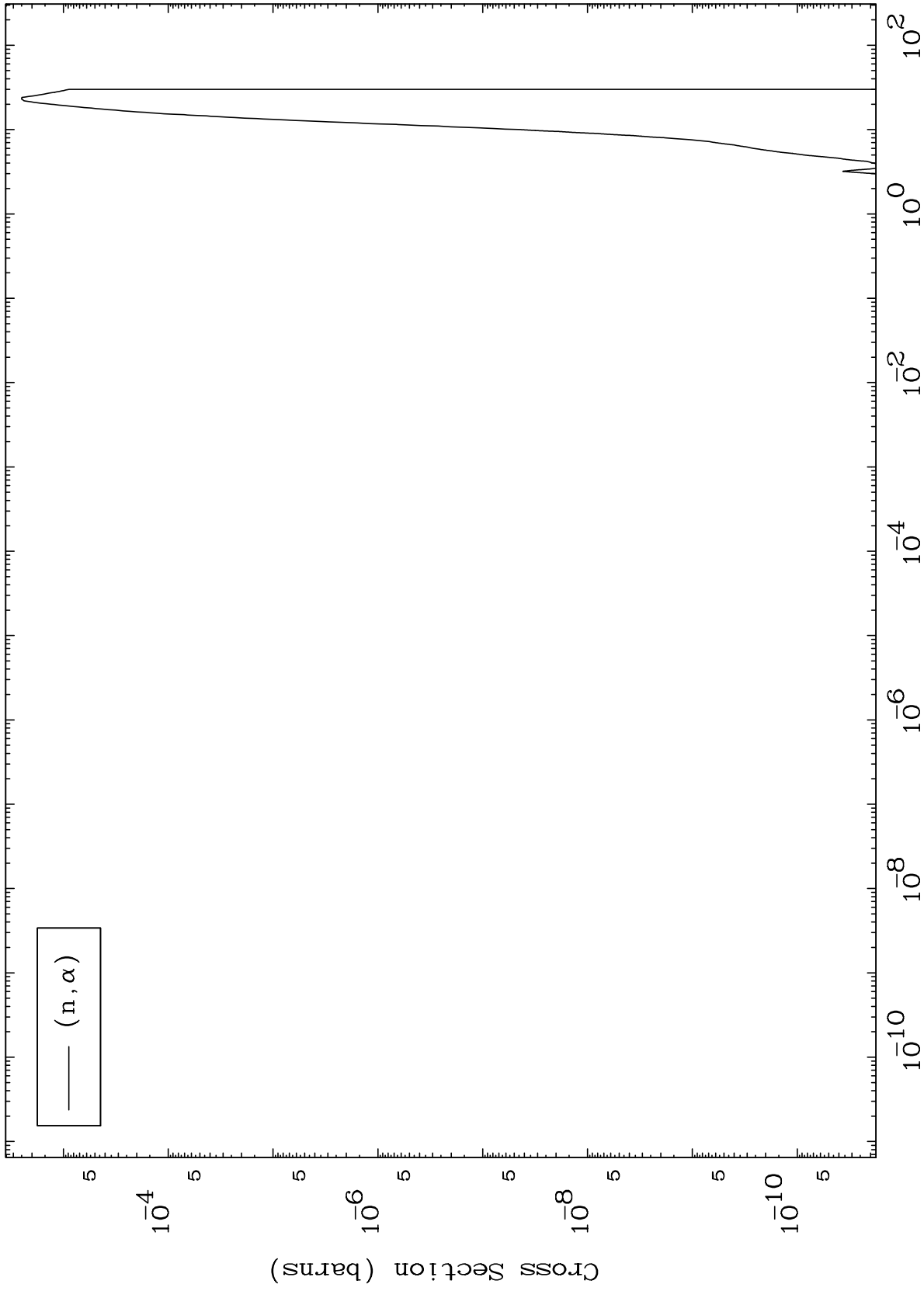
Incident Energy (MeV)

62-Sm-159

MAT 6270

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

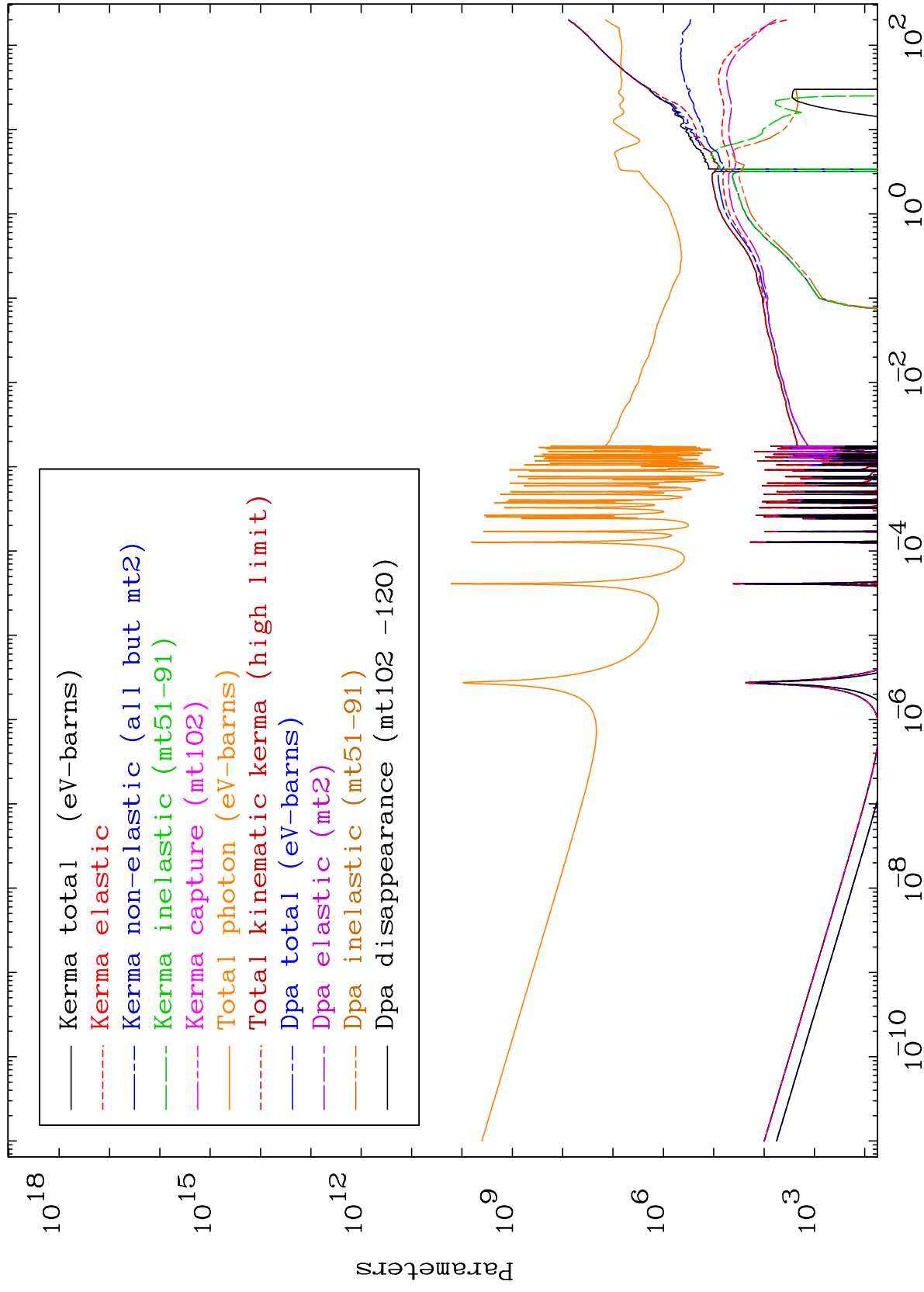
62-Sm-159

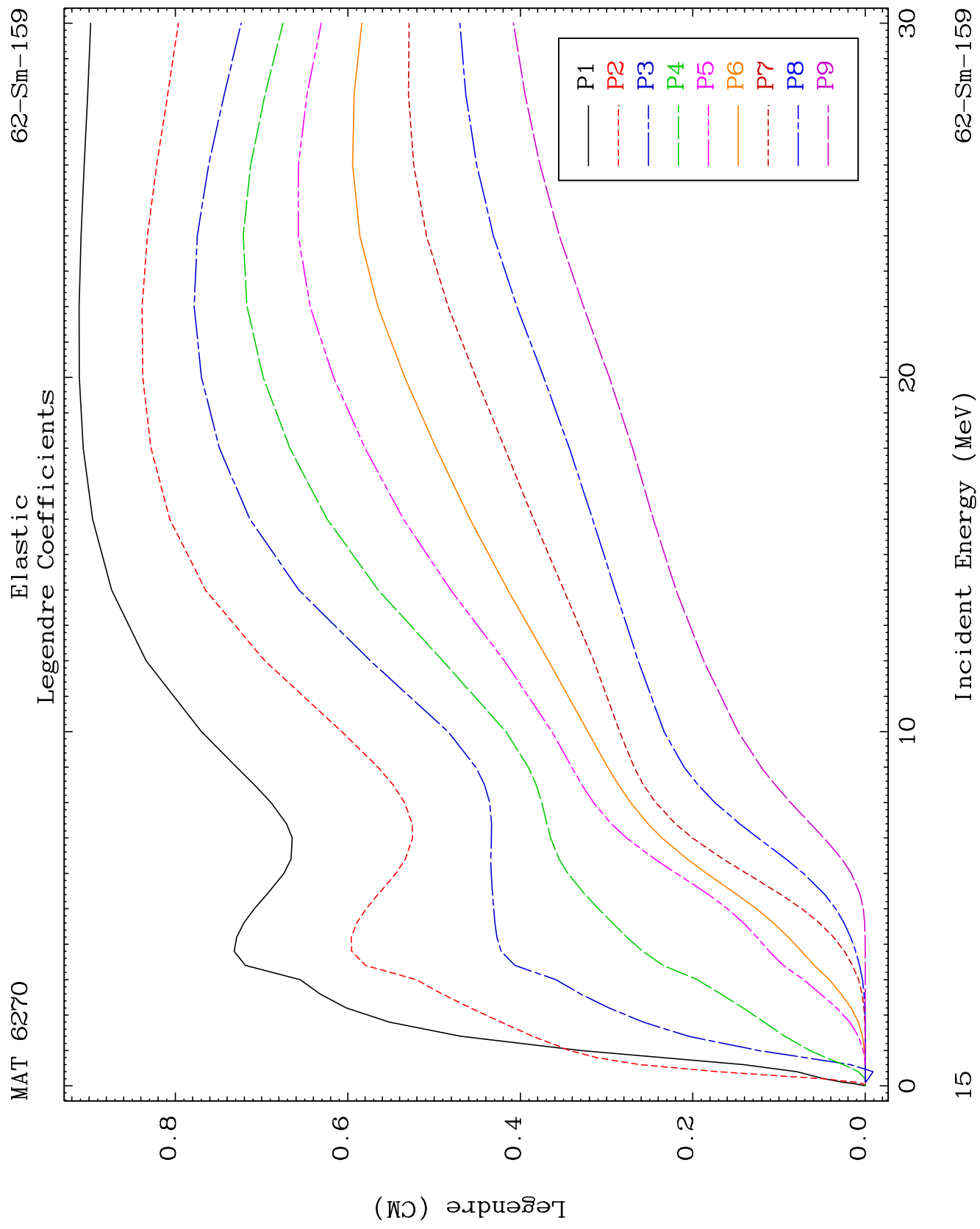


13

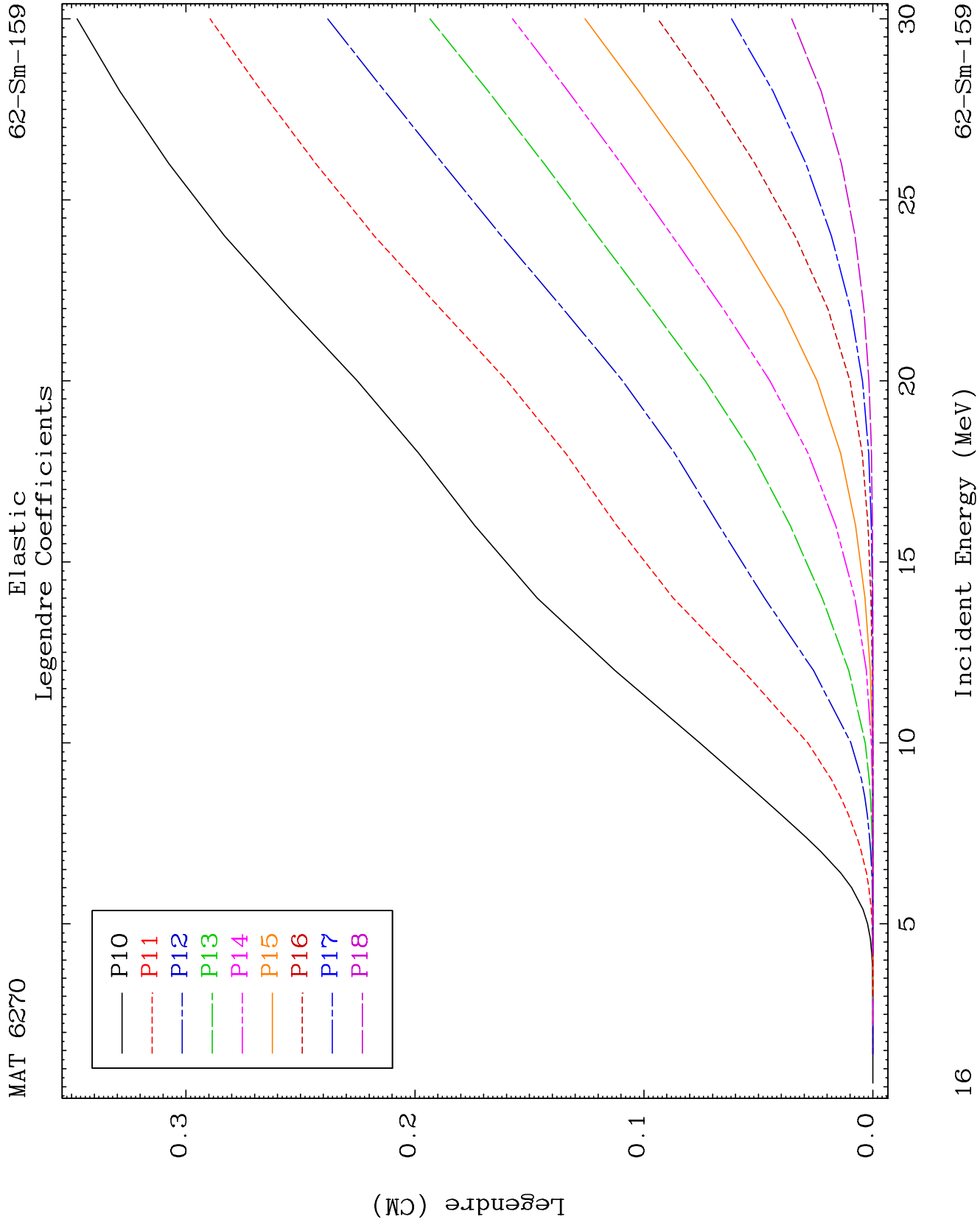
Incident Energy (MeV)

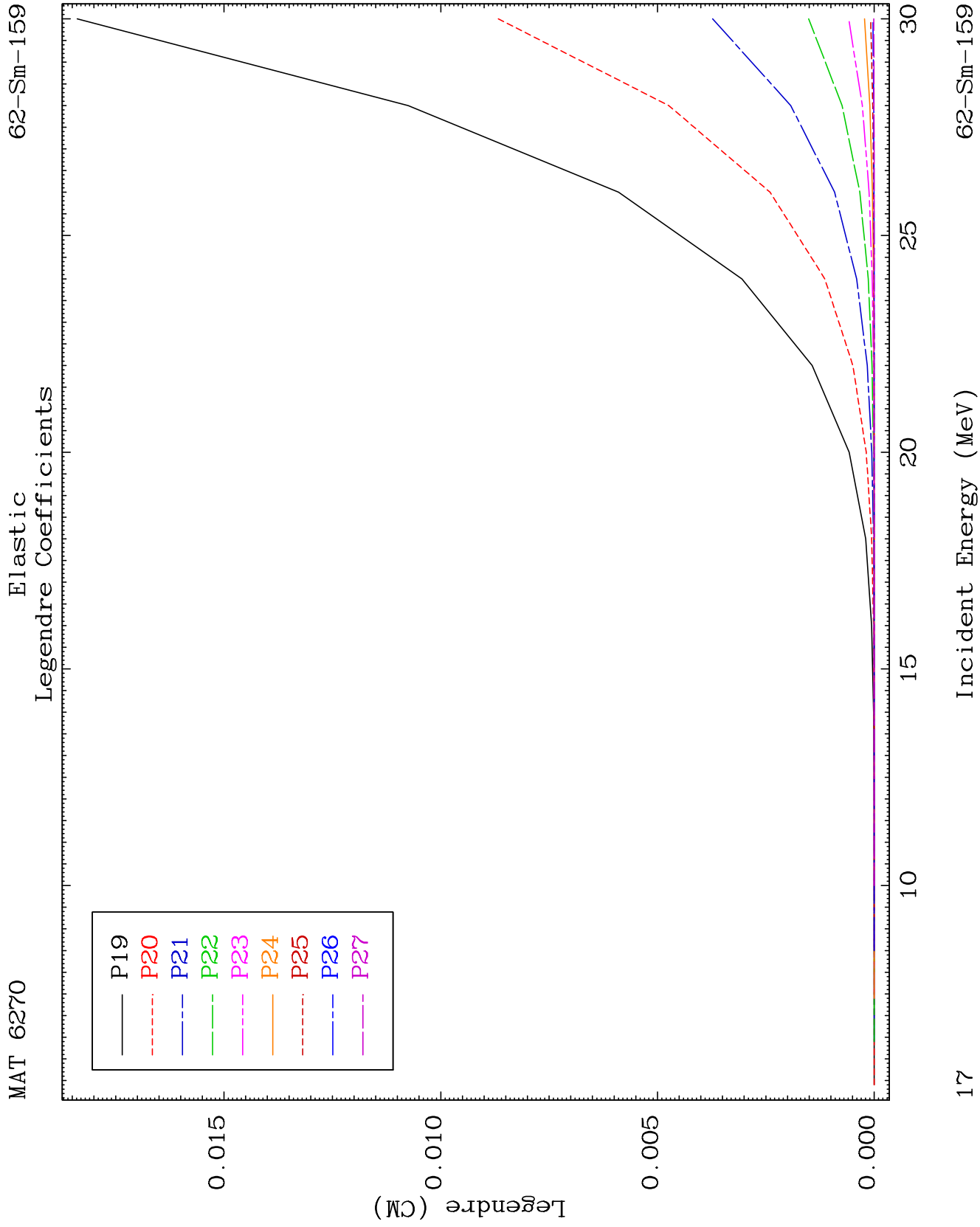
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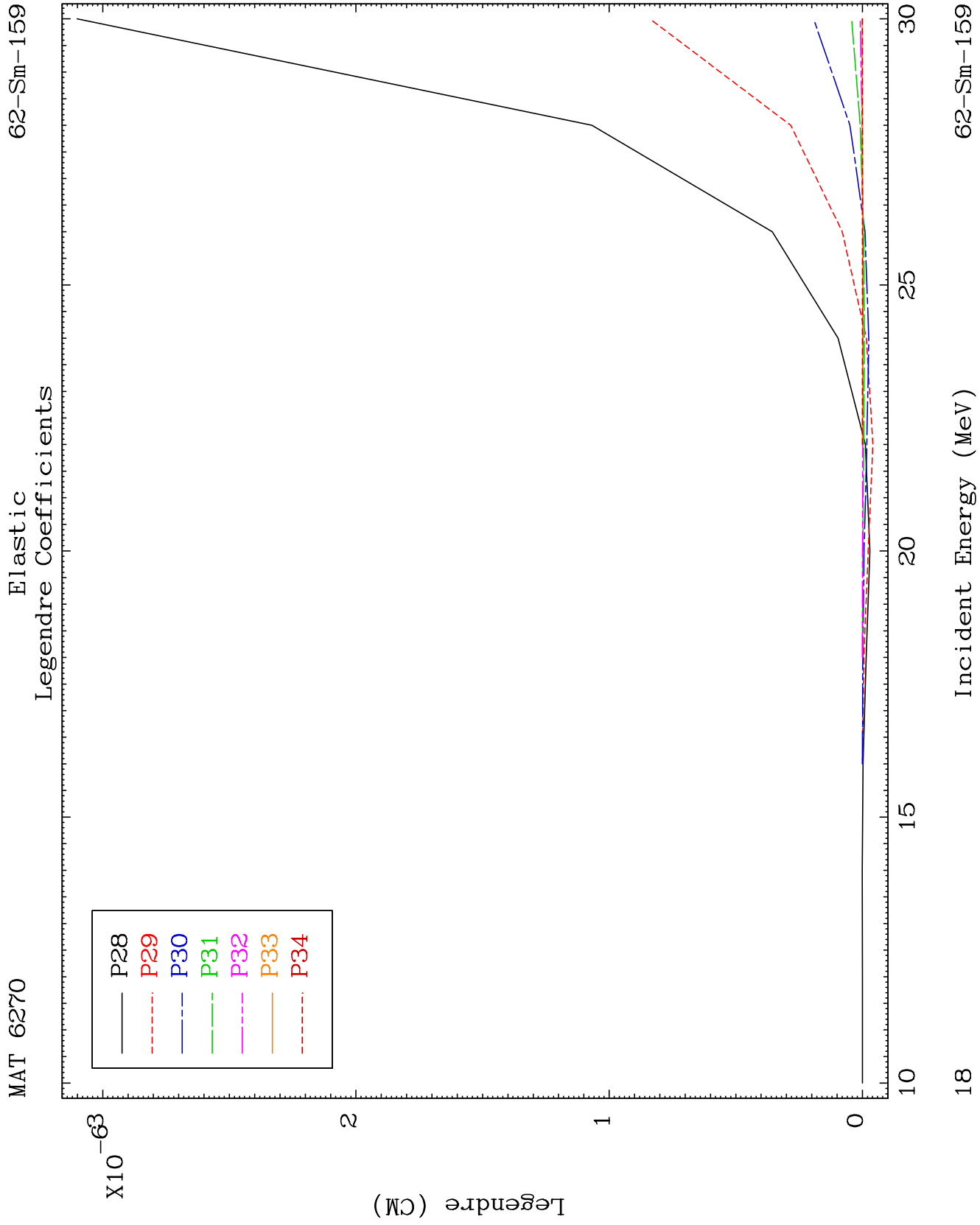




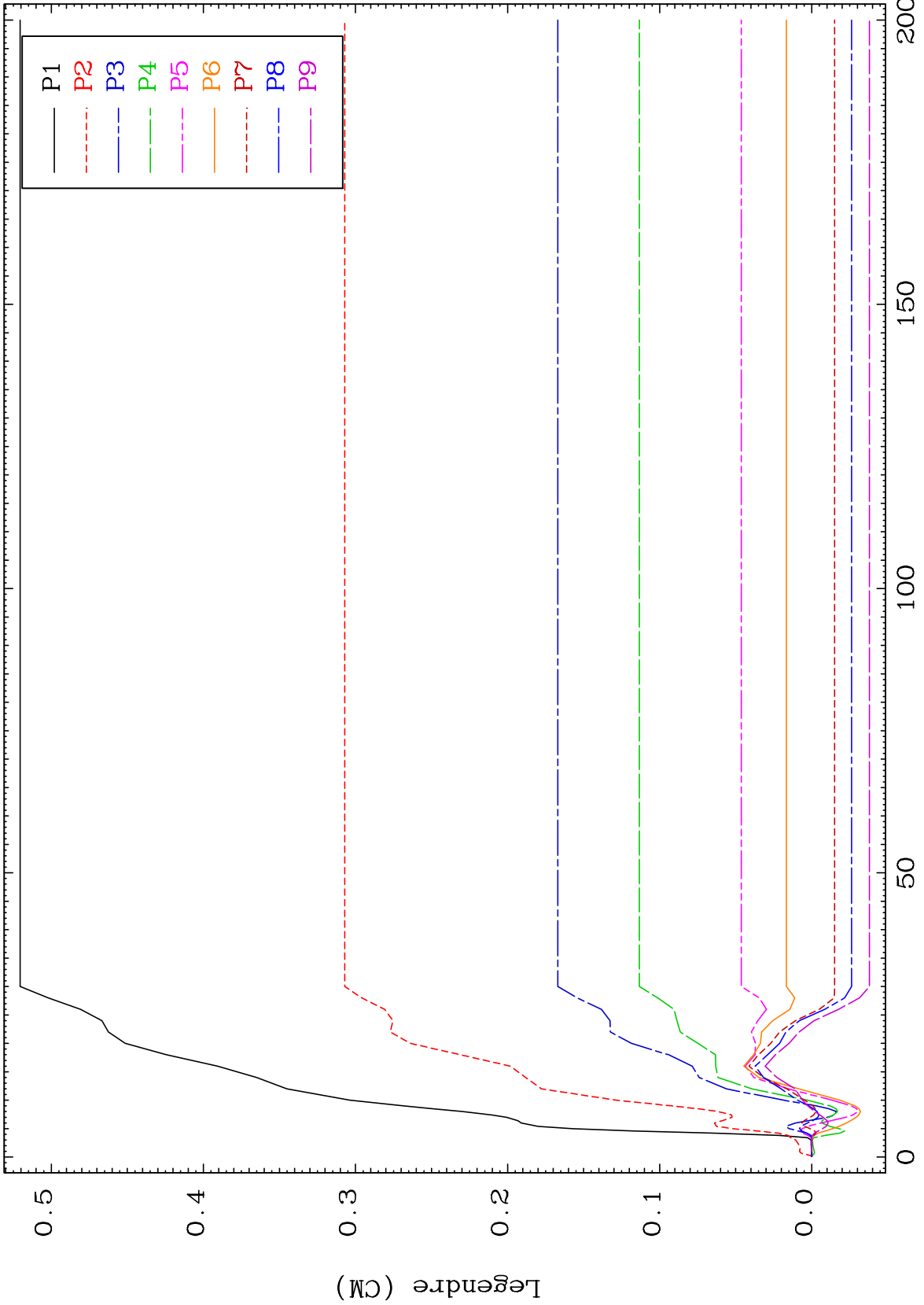








MAT 6270 MT= 51 (n,n') Level Legendre Coefficients 62-Sm-159

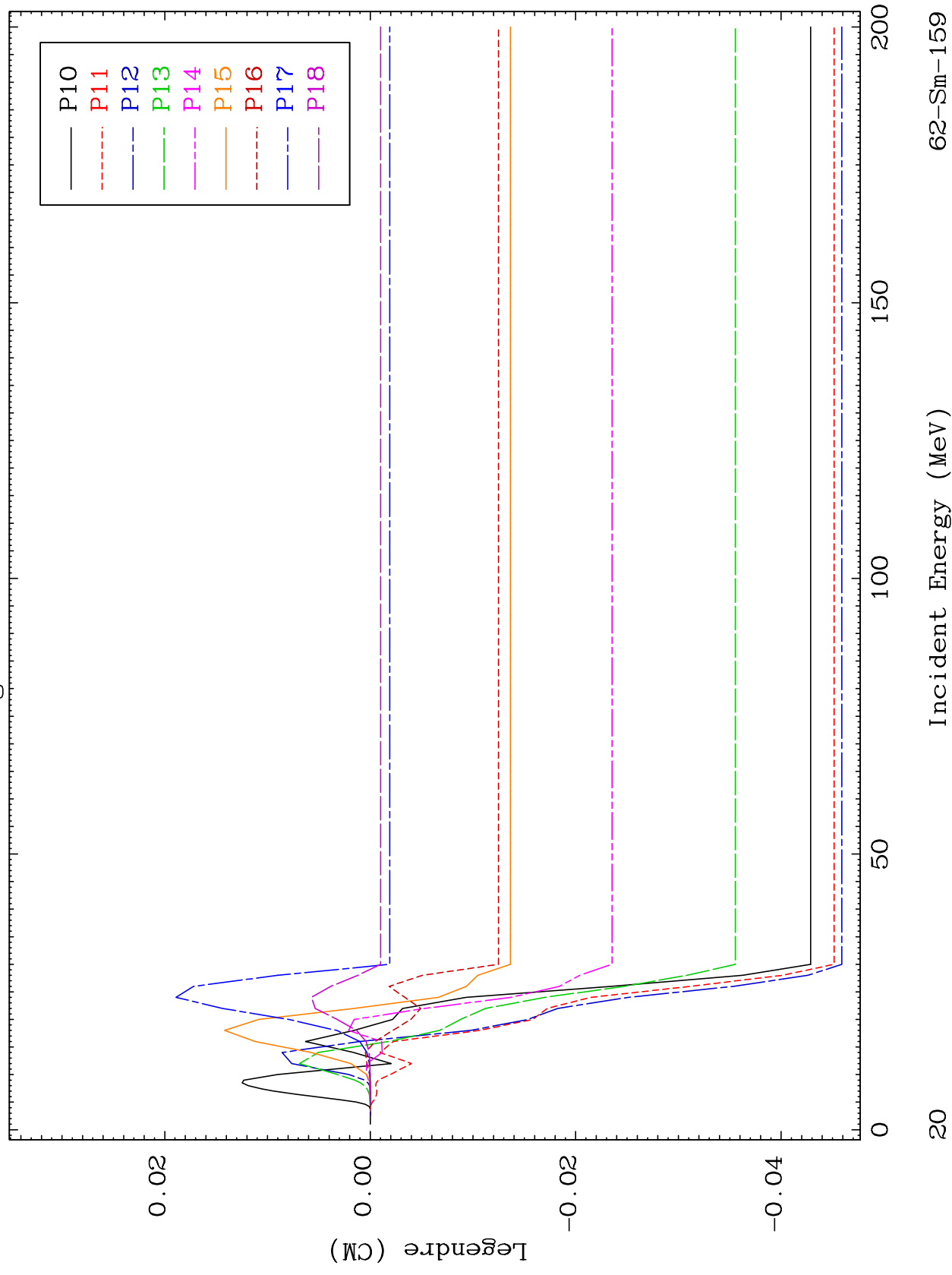


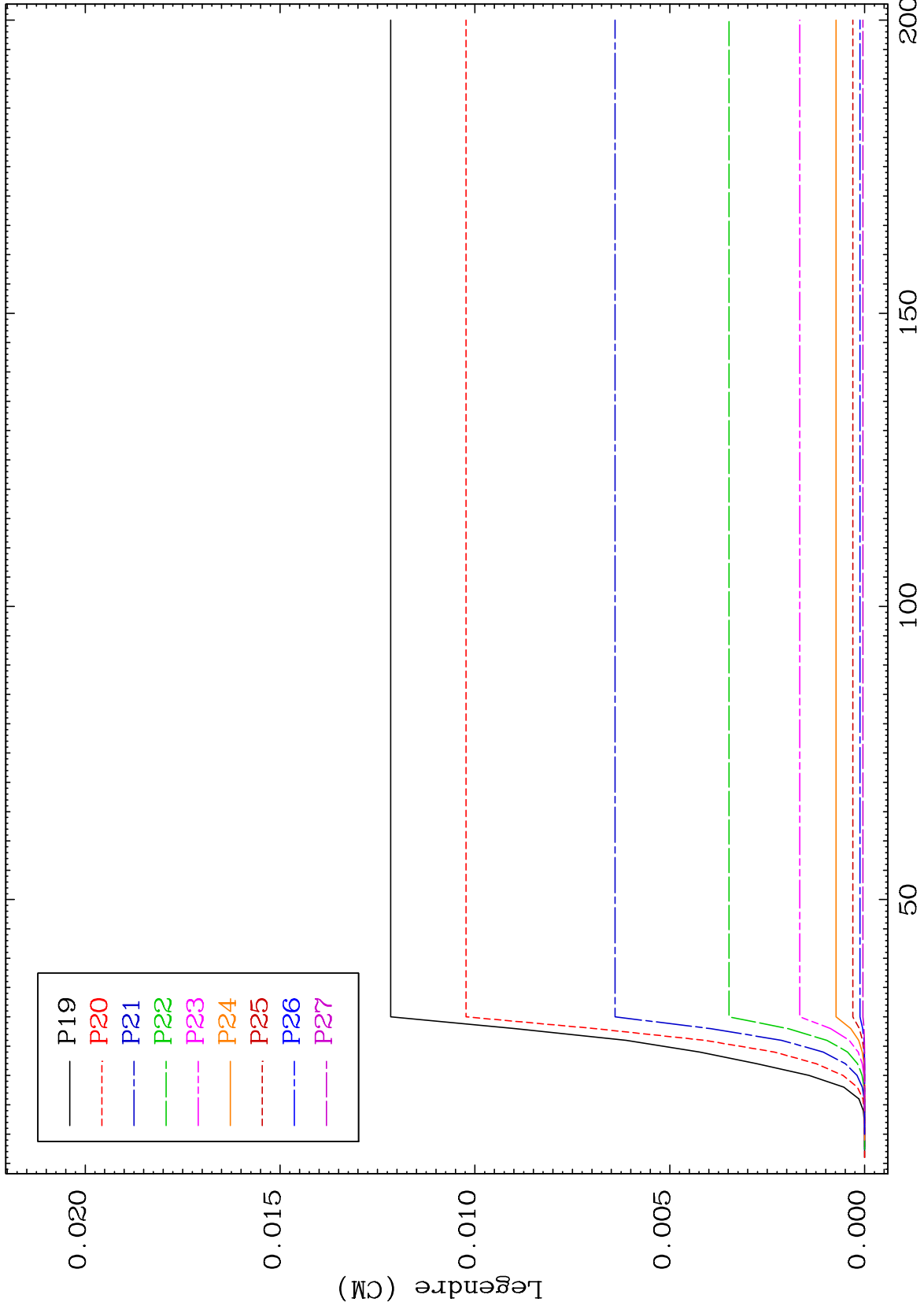
19 62-Sm-159

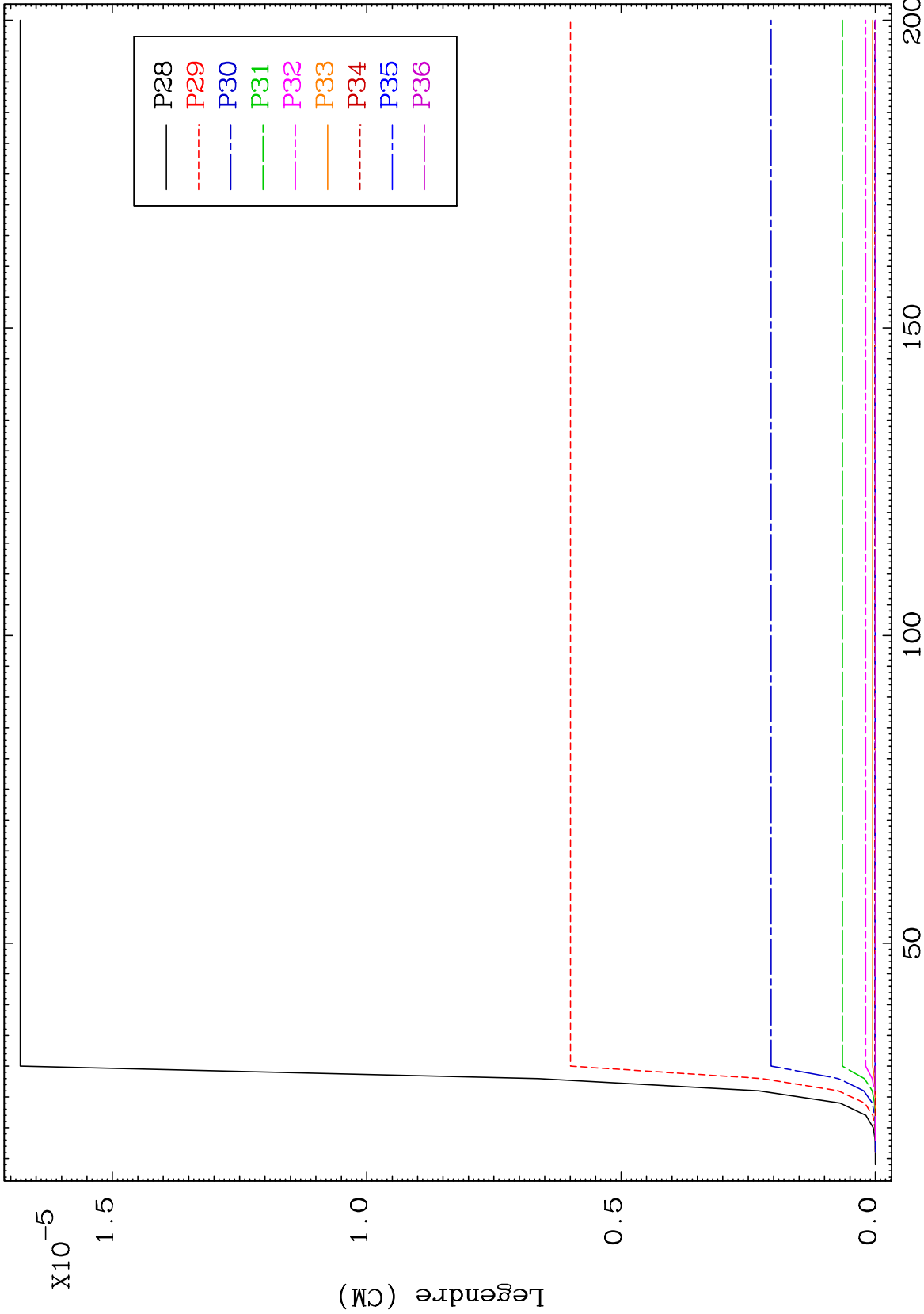
MAT 6270

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

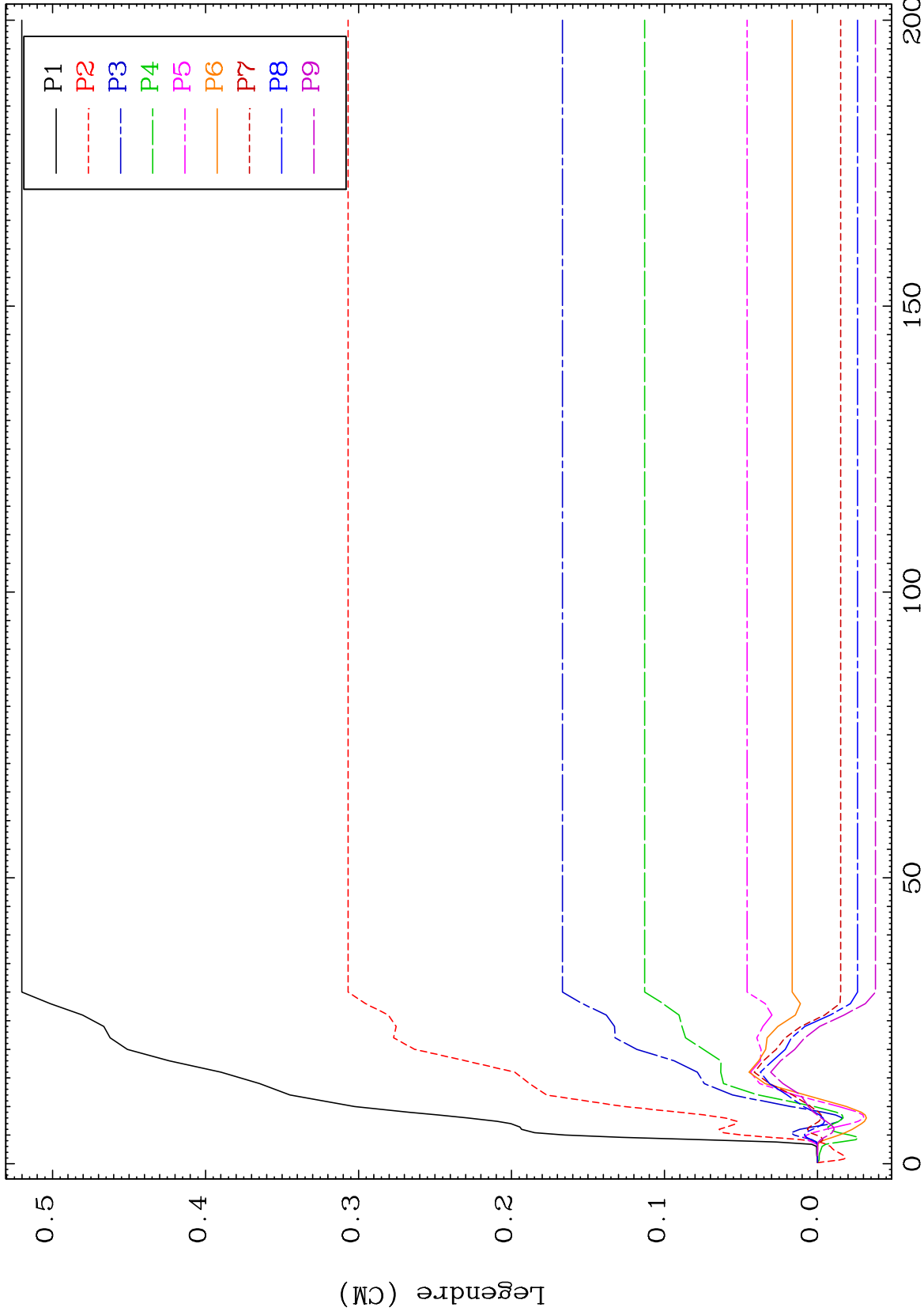
62-Sm-159







MAT 6270 MT= 52 (n,n') Level Legendre Coefficients 62-Sm-159



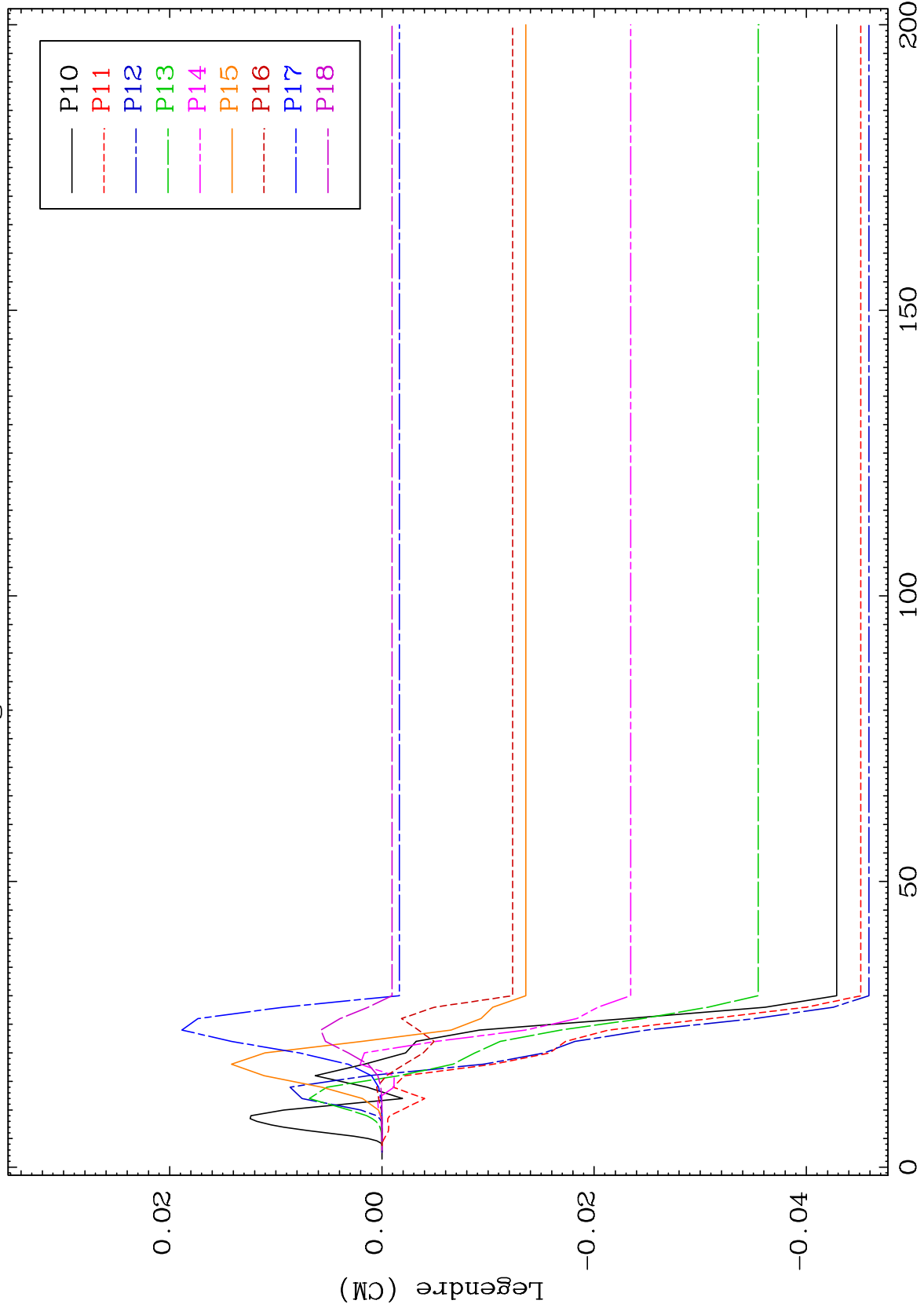
23 Incident Energy (MeV) 62-Sm-159



MAT 6270

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

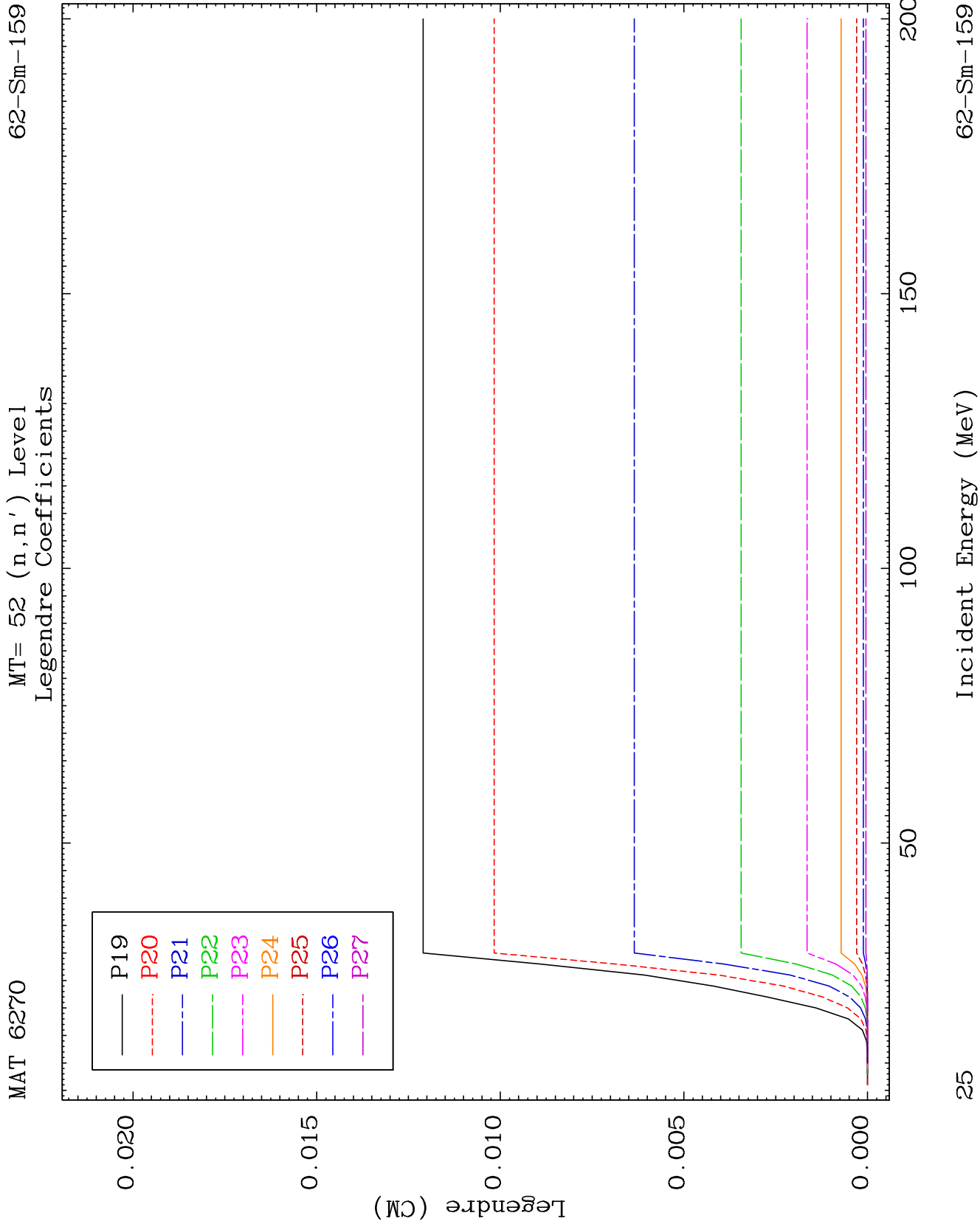
62-Sm-159



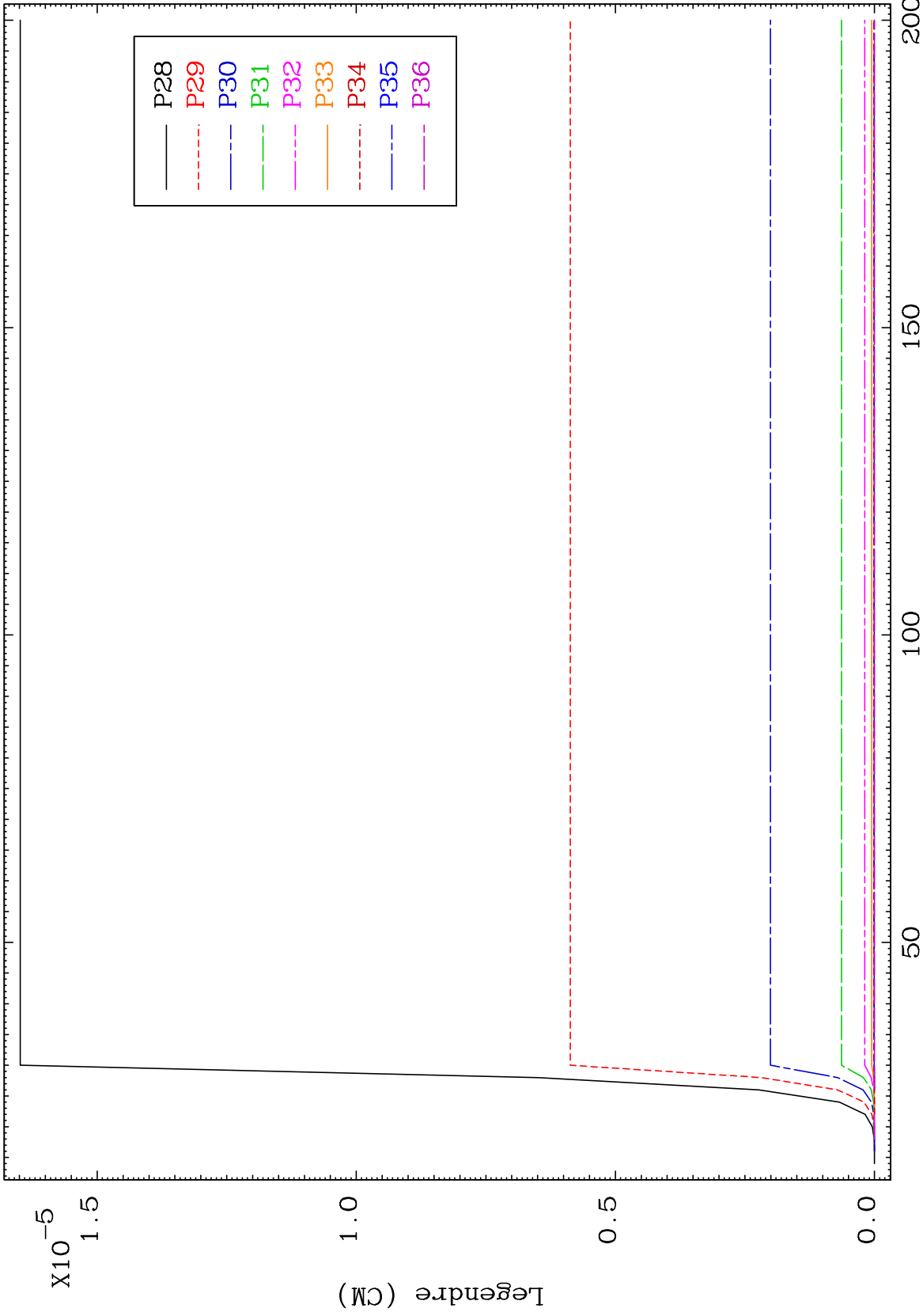
24

Incident Energy (MeV)

62-Sm-159



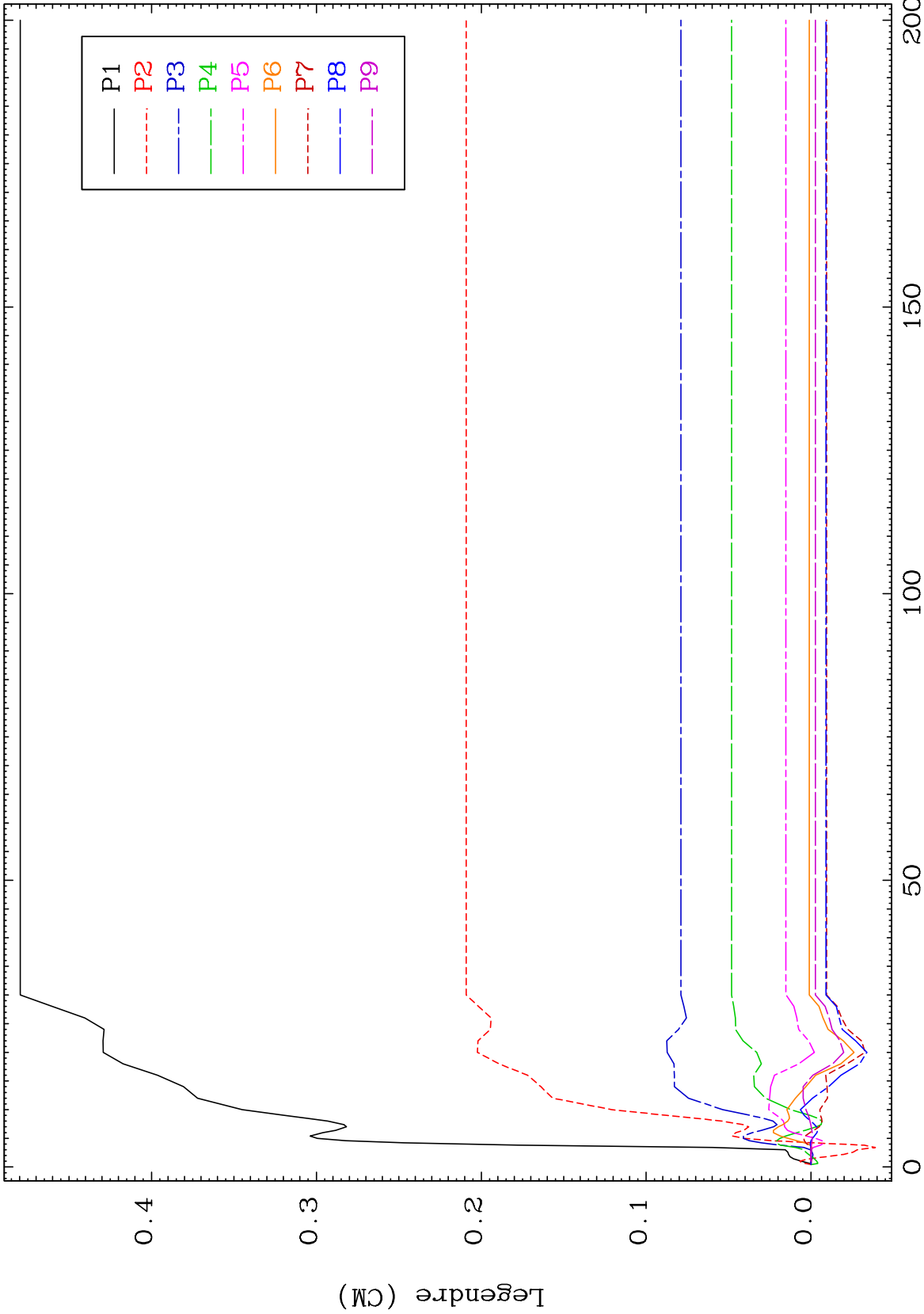
MAT 6270 MT= 52 (n,n') Level Legendre Coefficients 62-Sm-159



62-Sm-159

MAT 6270      MT= 53 (n,n') Level  
Legendre Coefficients

62-Sm-159

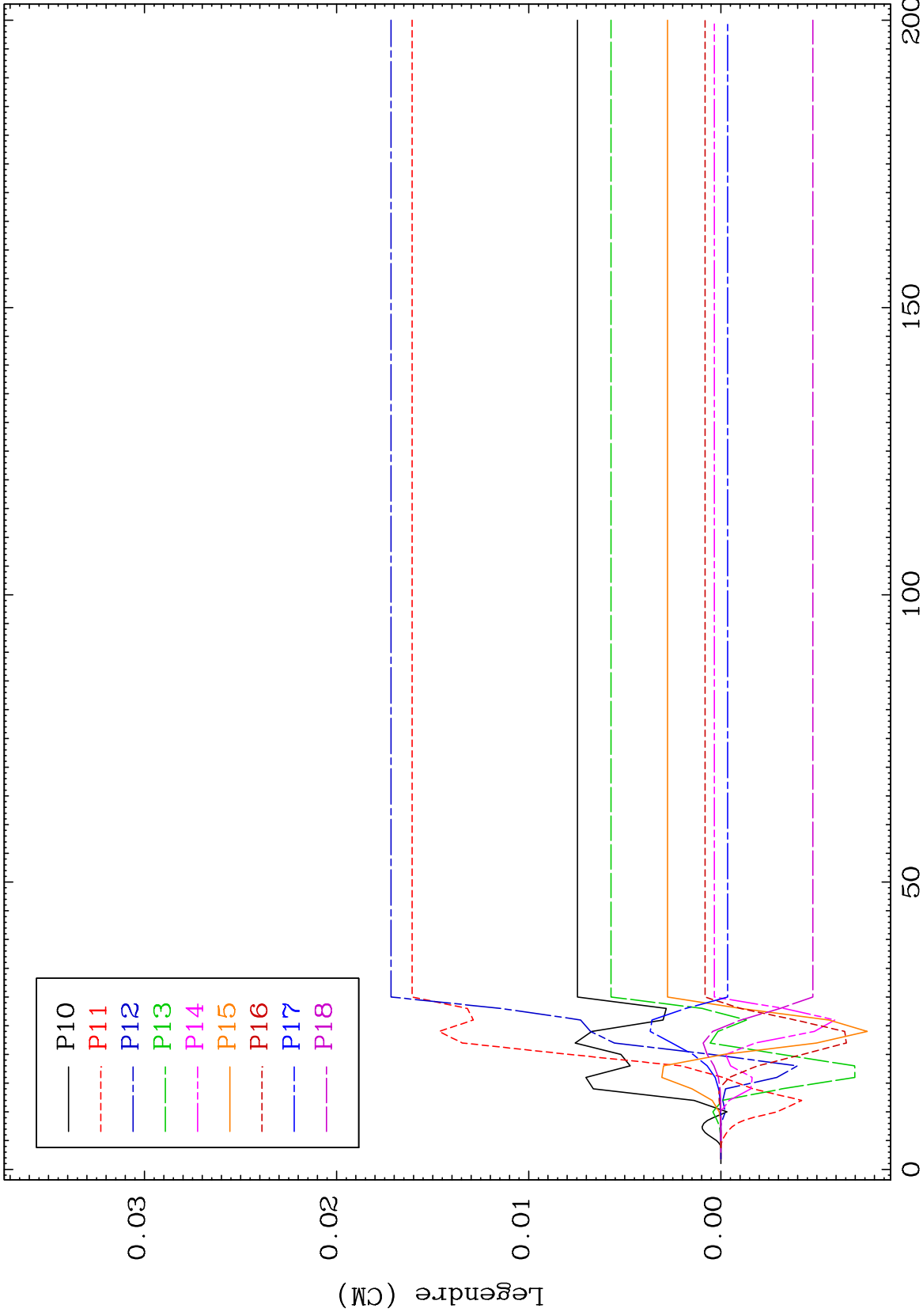


62-Sm-159

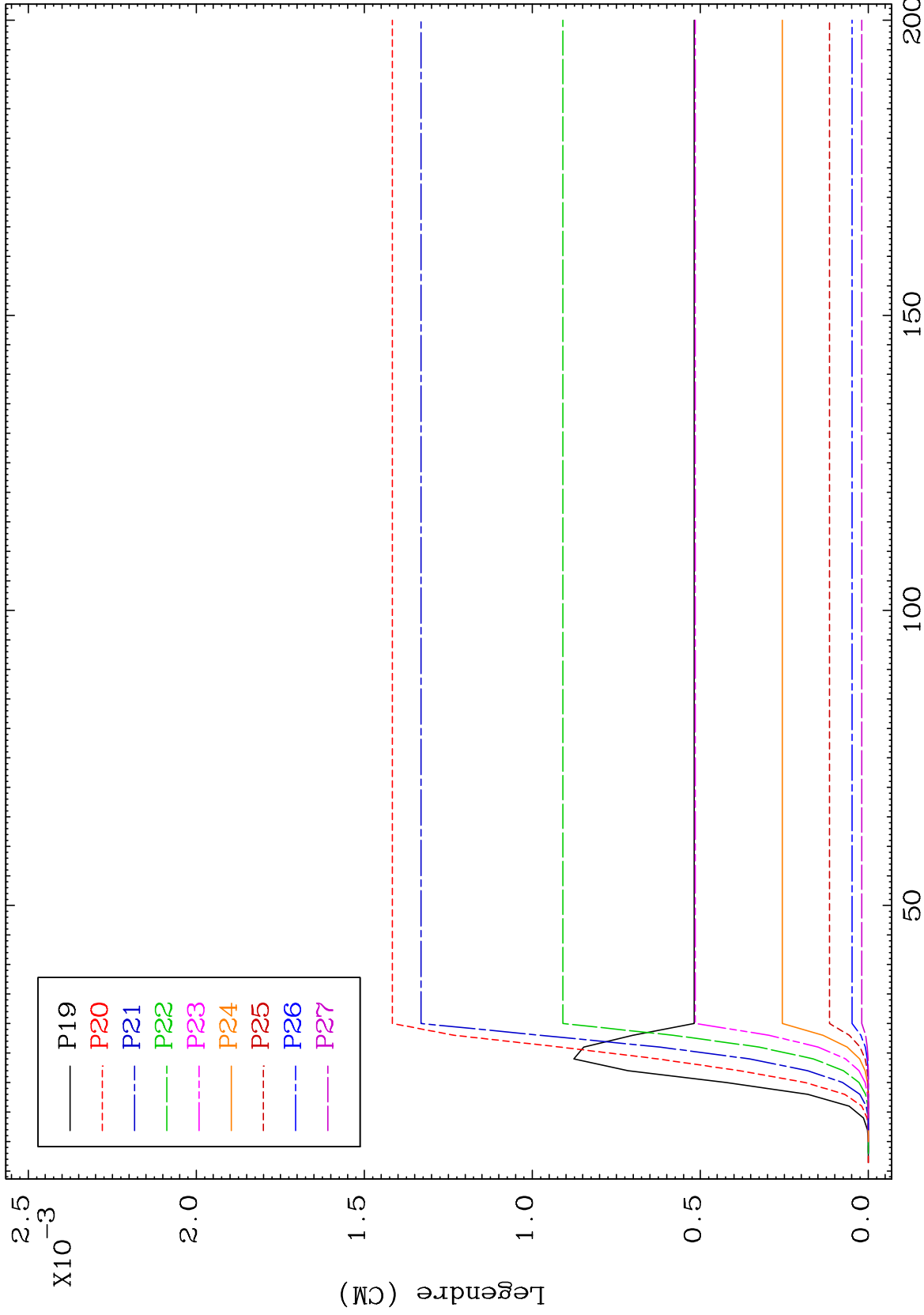
Incident Energy (MeV)

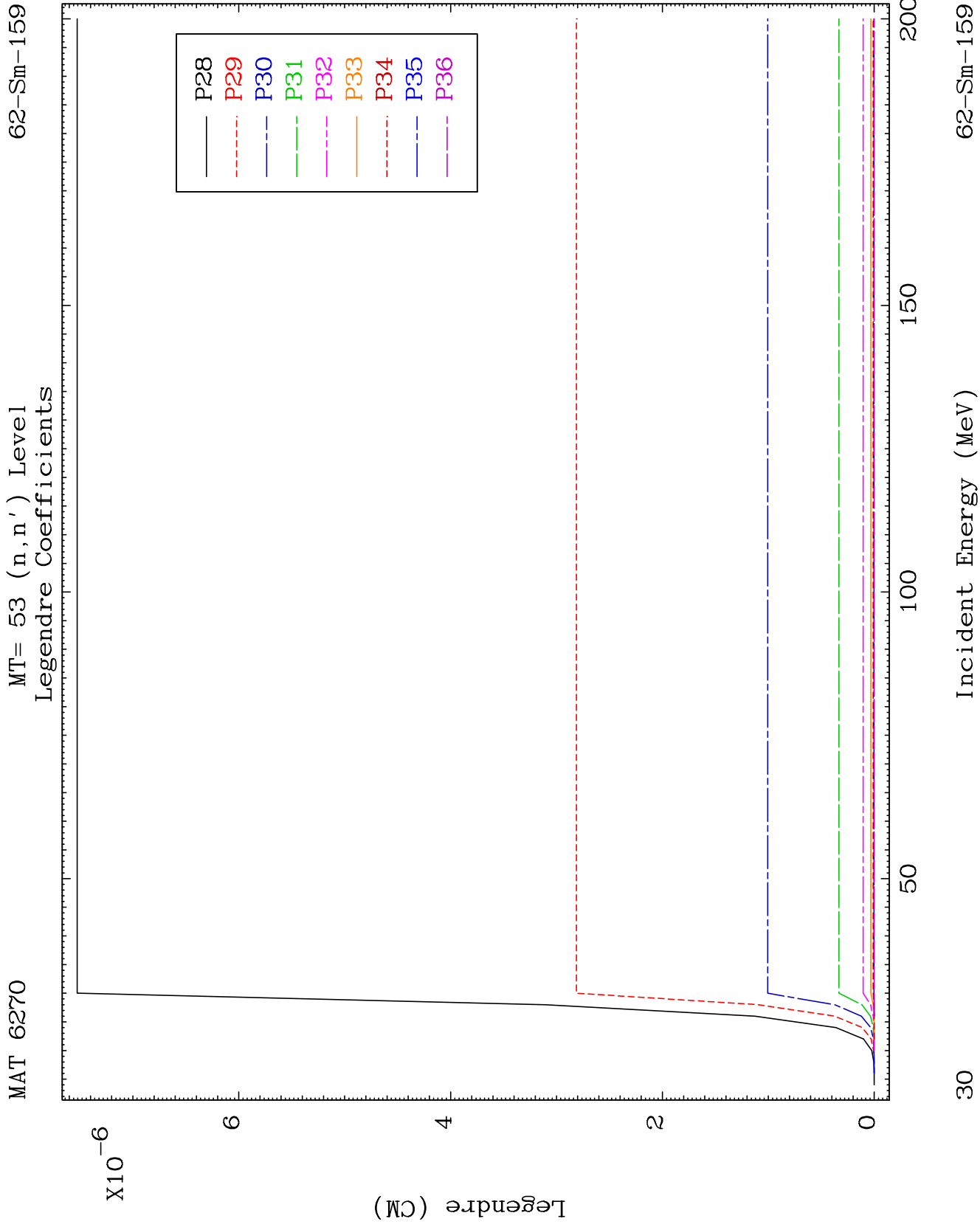
27

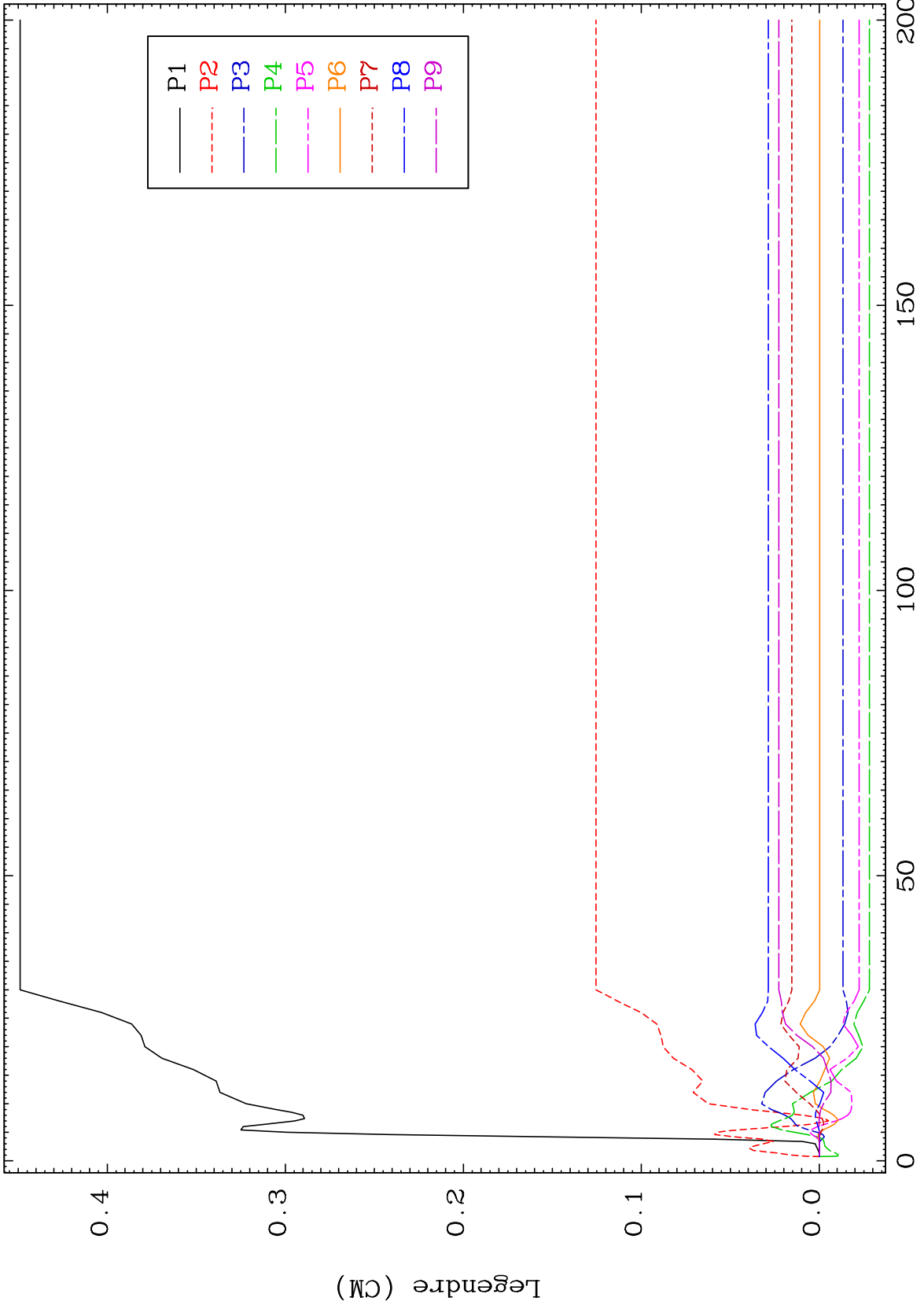
MAT 6270 MT= 53 (n,n') Level Legendre Coefficients 62-Sm-159



28 62-Sm-159

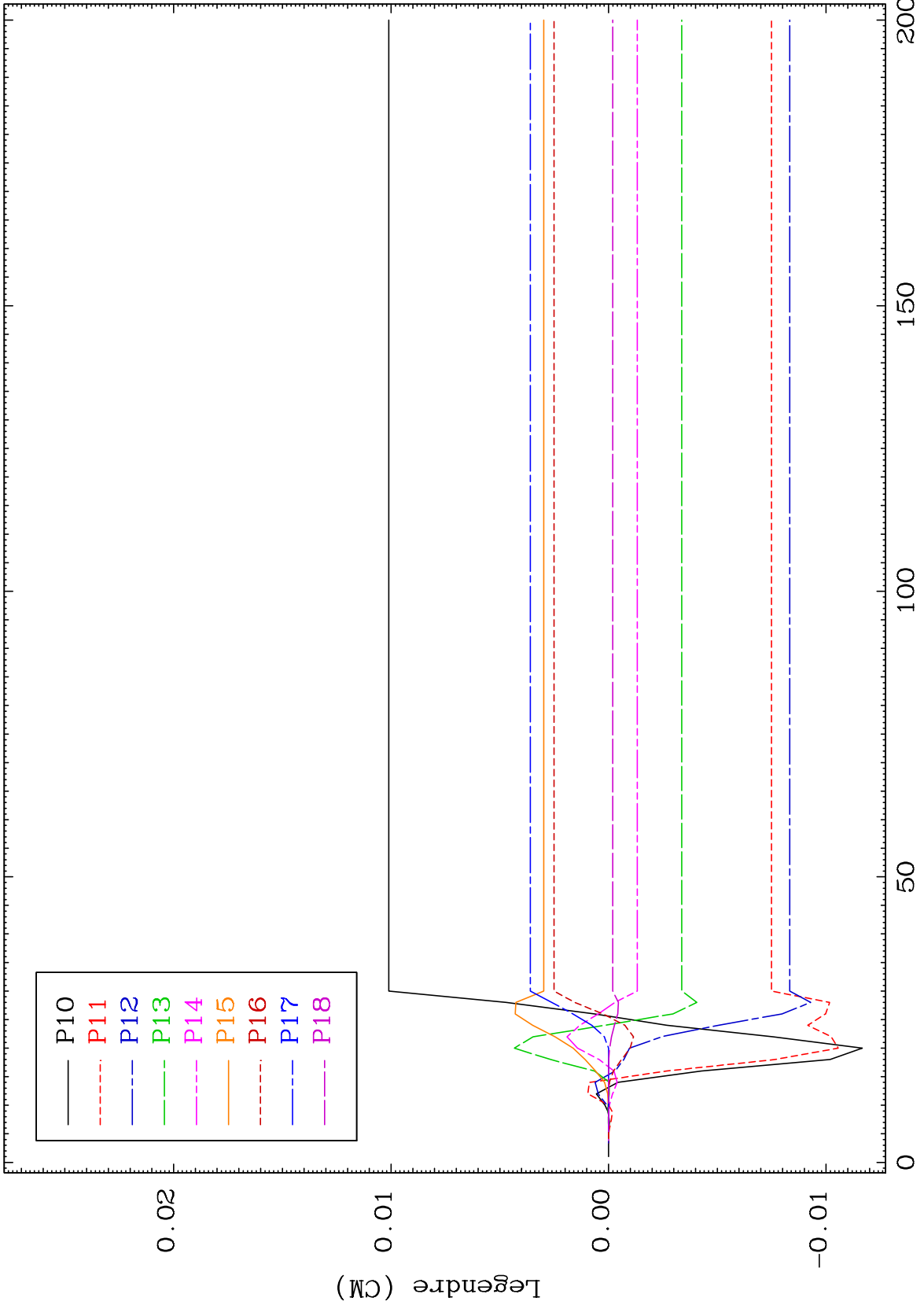




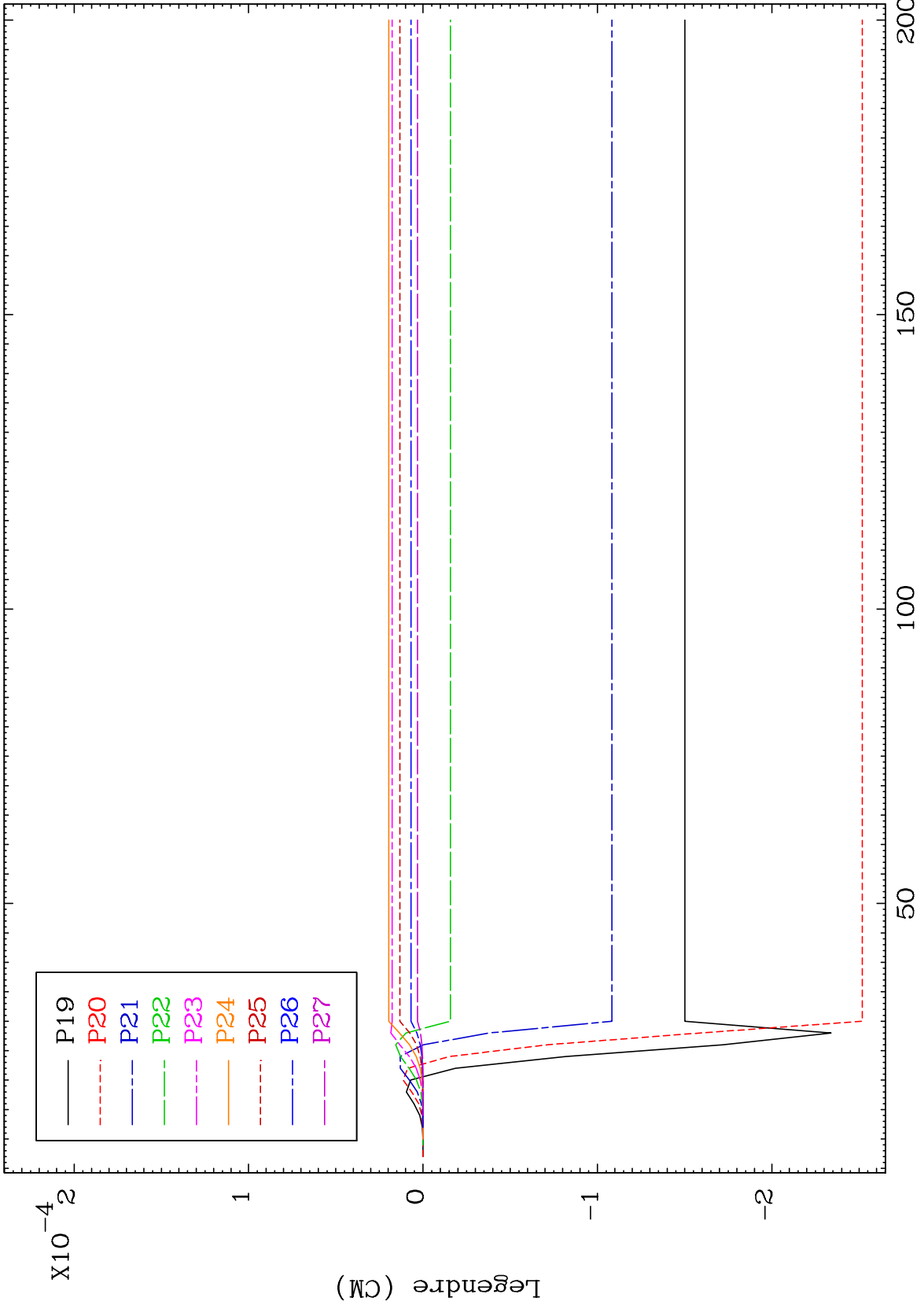




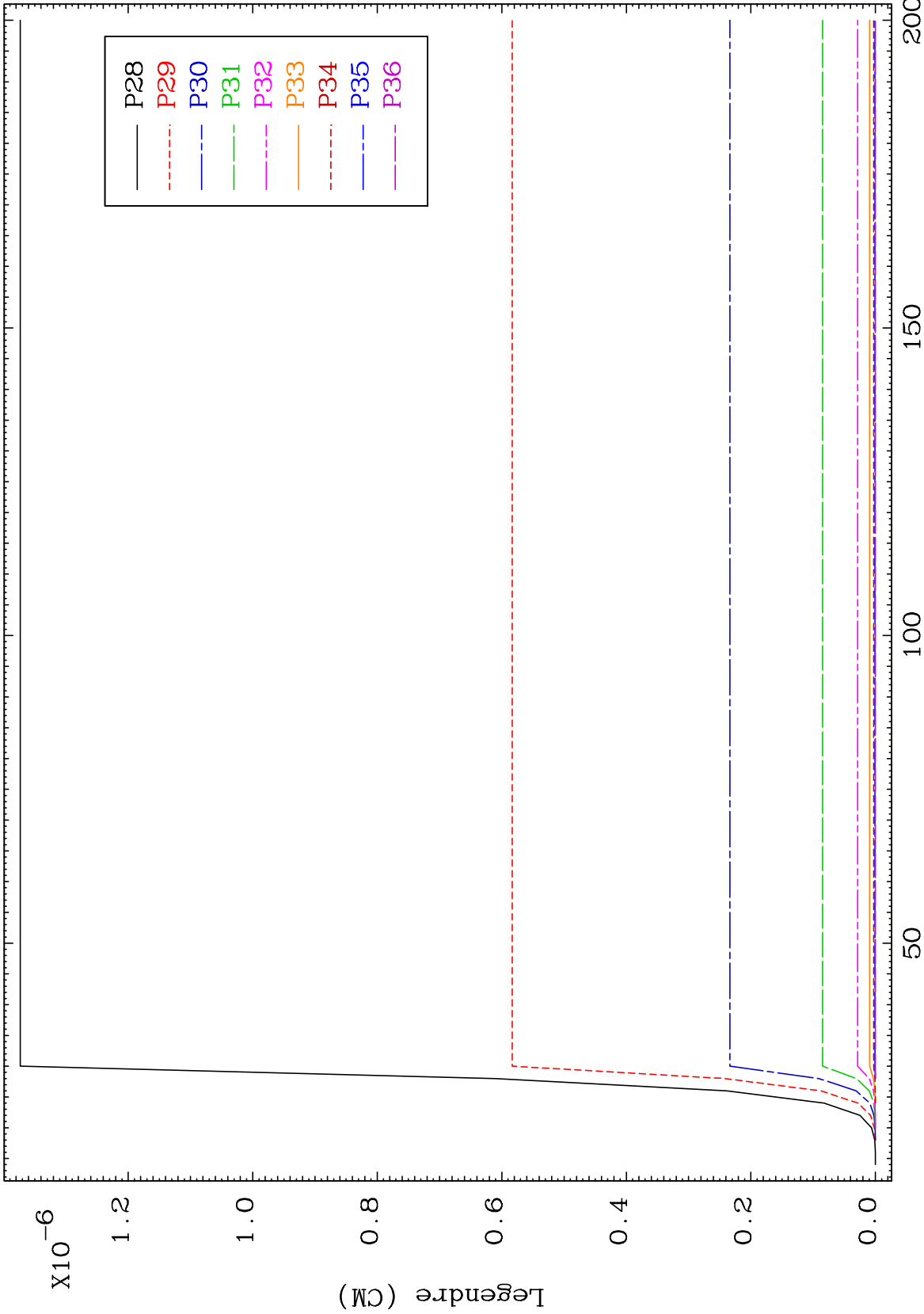
MAT 6270 MT= 54 (n,n') Level Legendre Coefficients 62-Sm-159



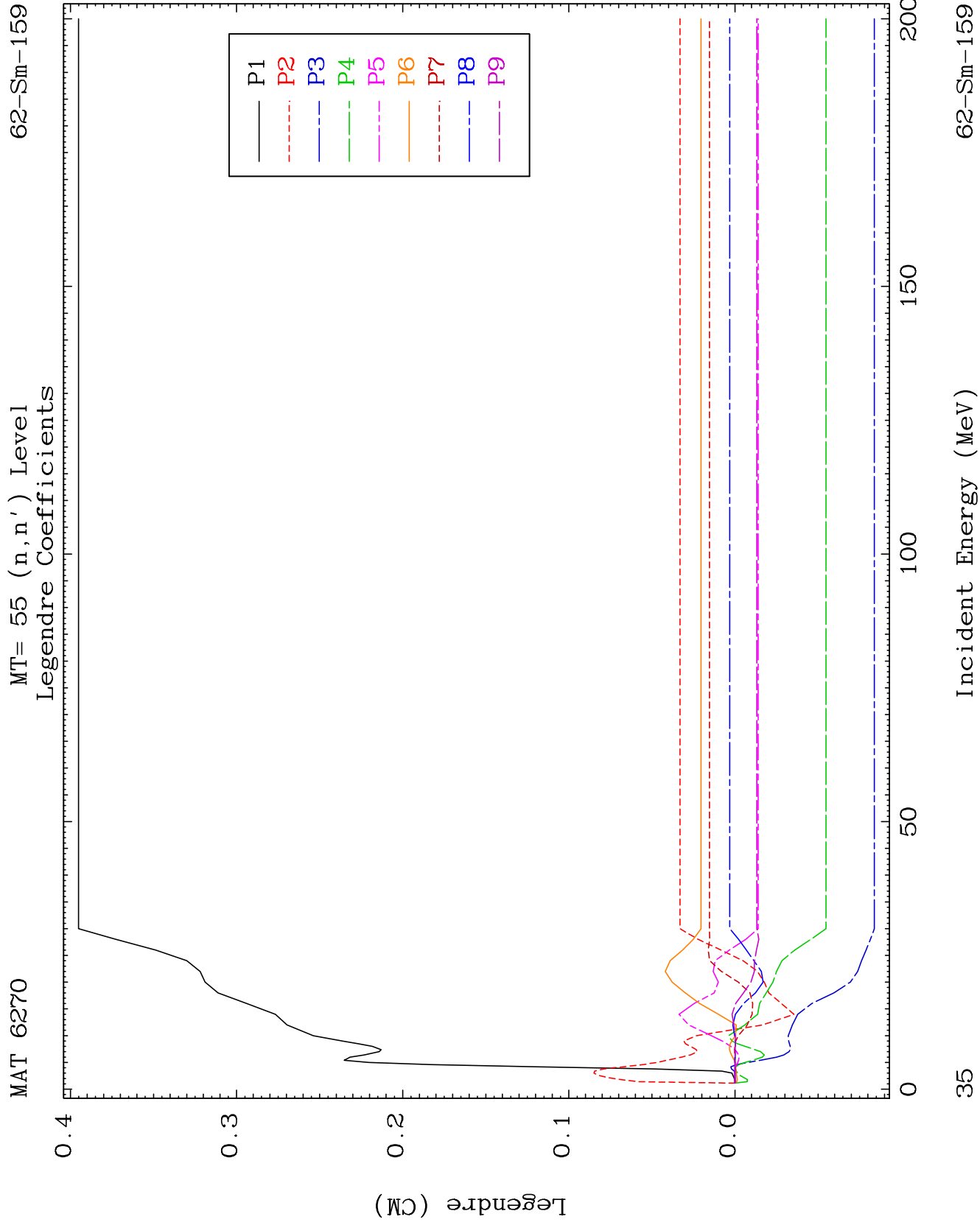
32 Incident Energy (MeV) 62-Sm-159

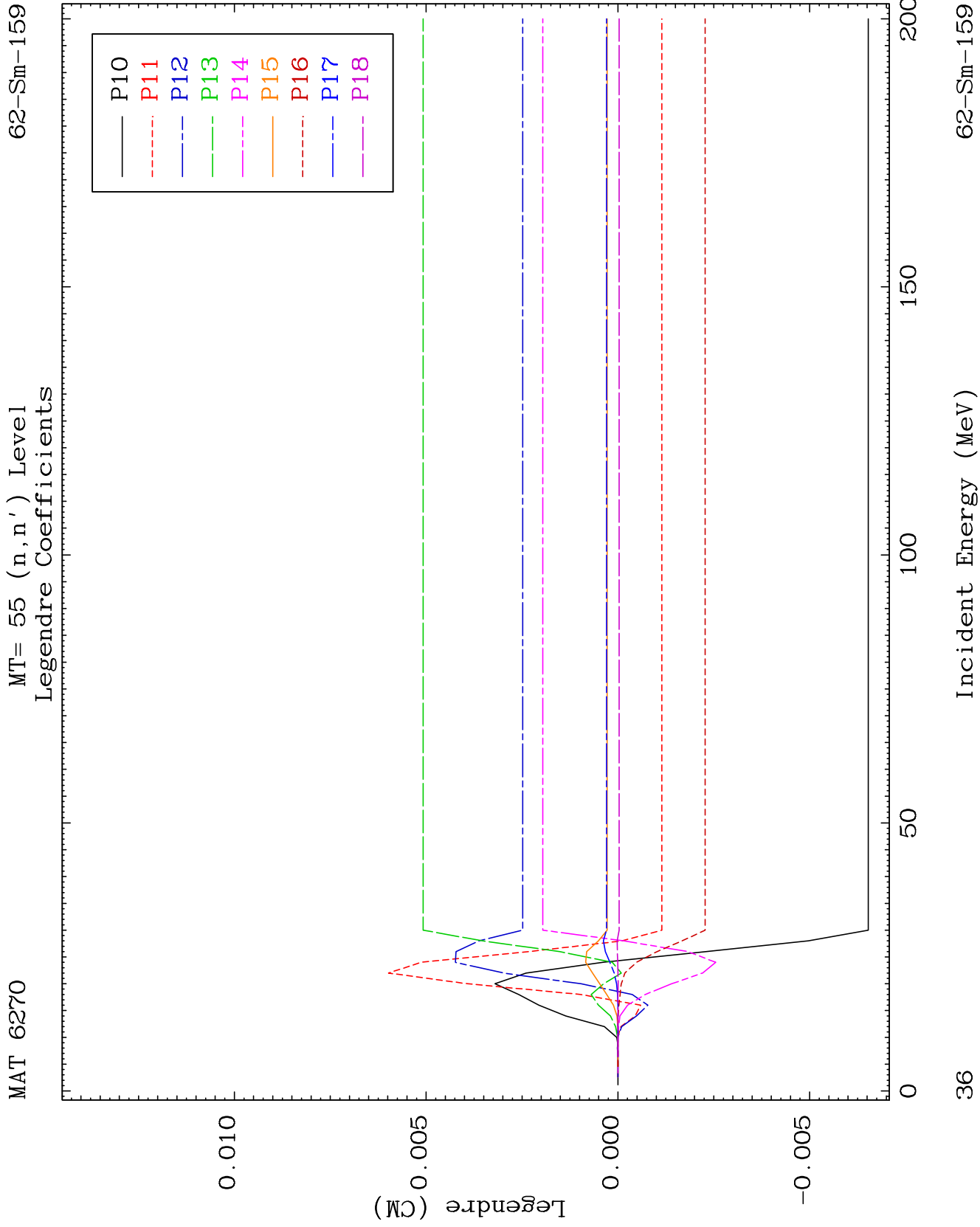


MAT 6270 MT= 54 (n,n') Level Legendre Coefficients 62-Sm-159



34 50 100 150 200 62-Sm-159

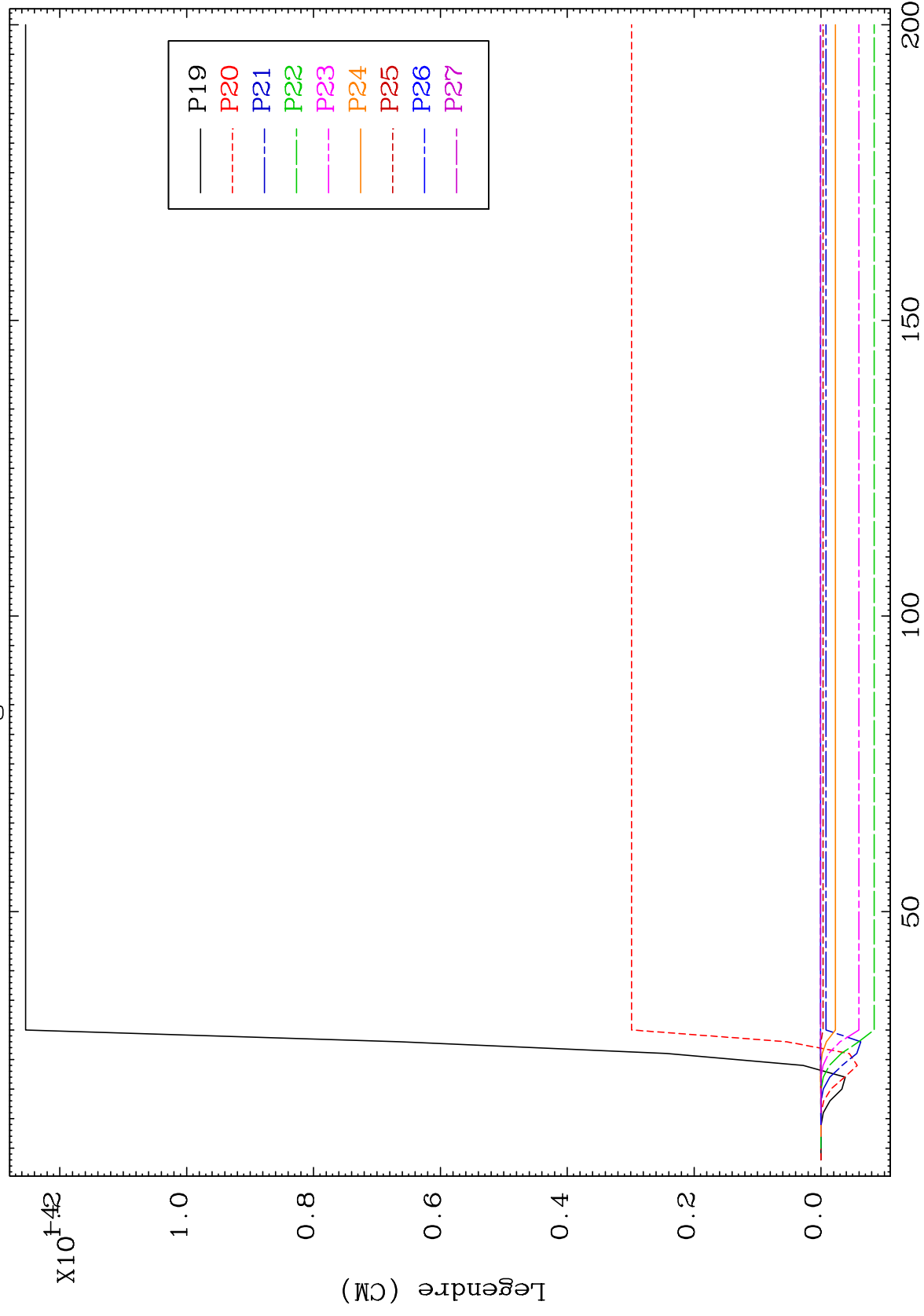




MAT 6270

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

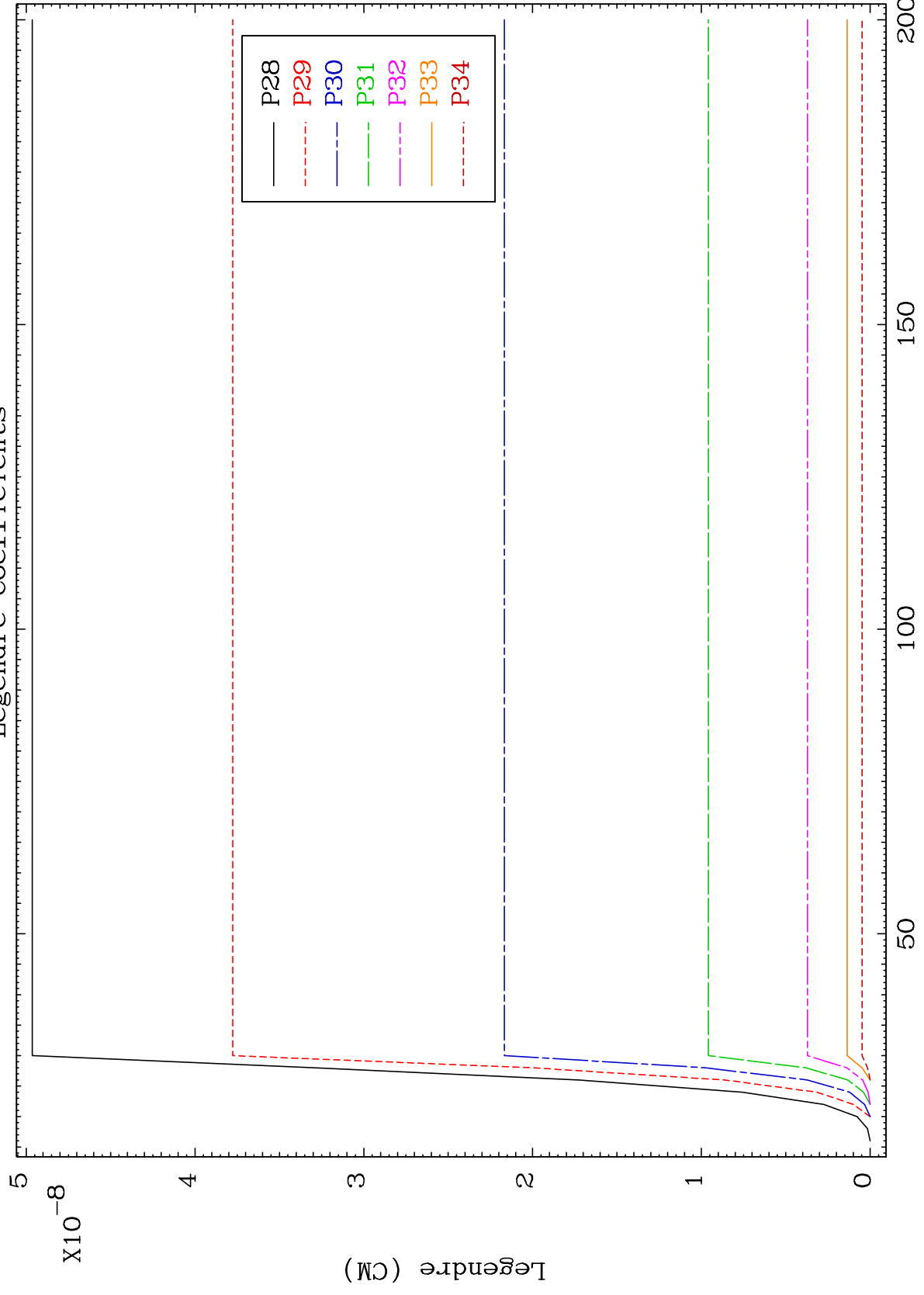
62-Sm-159



32

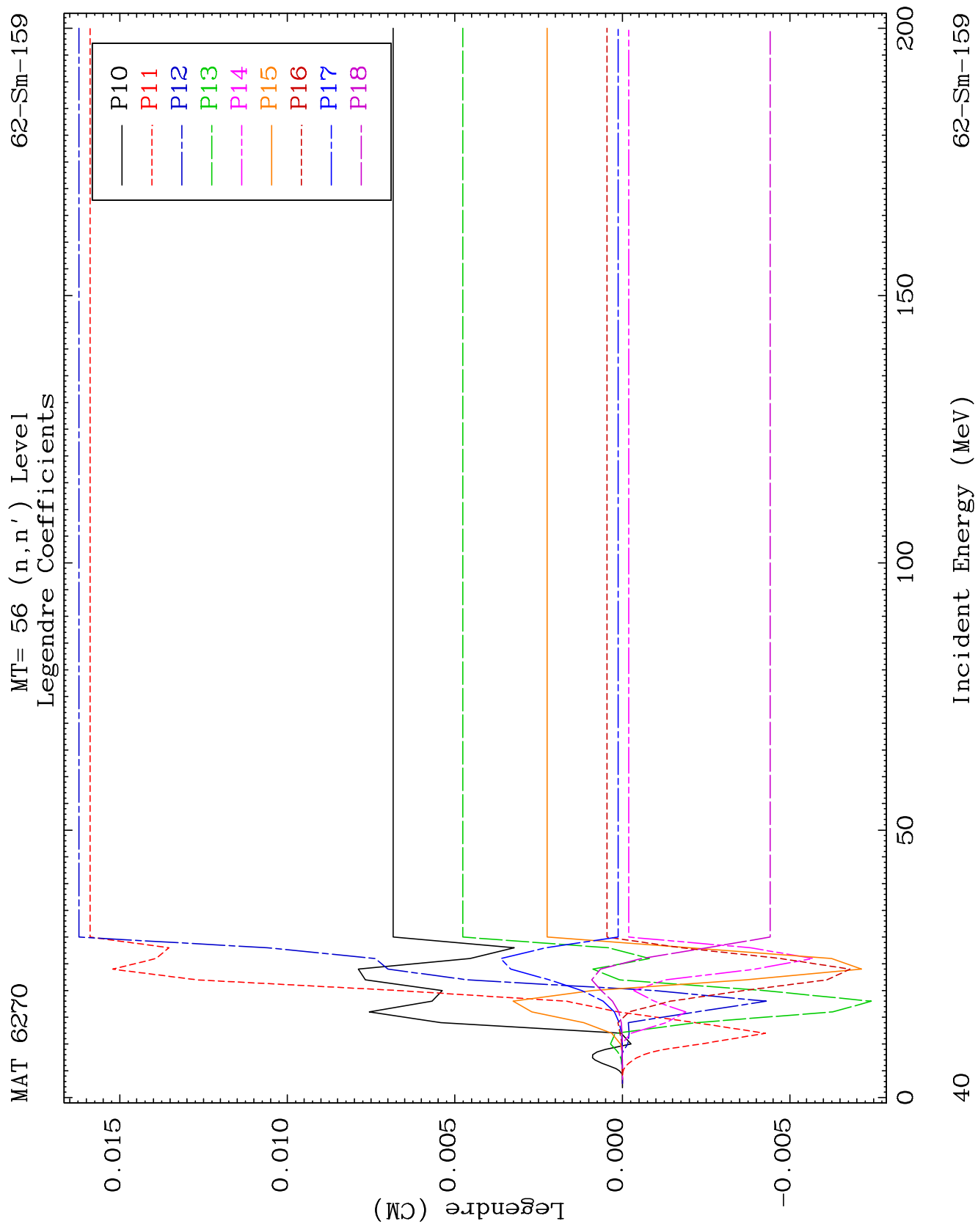
Incident Energy (MeV)

62-Sm-159







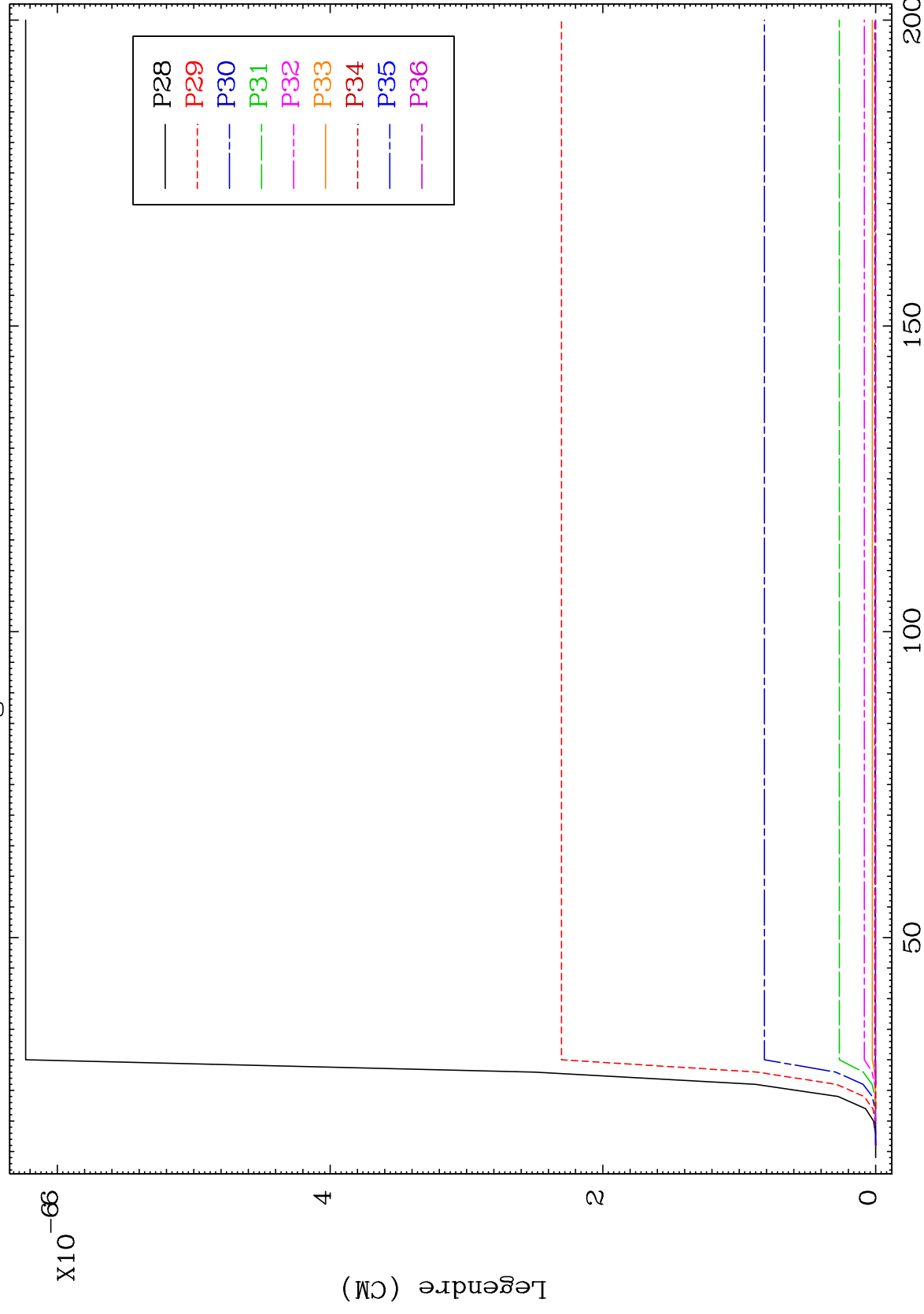




MAT 6270

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

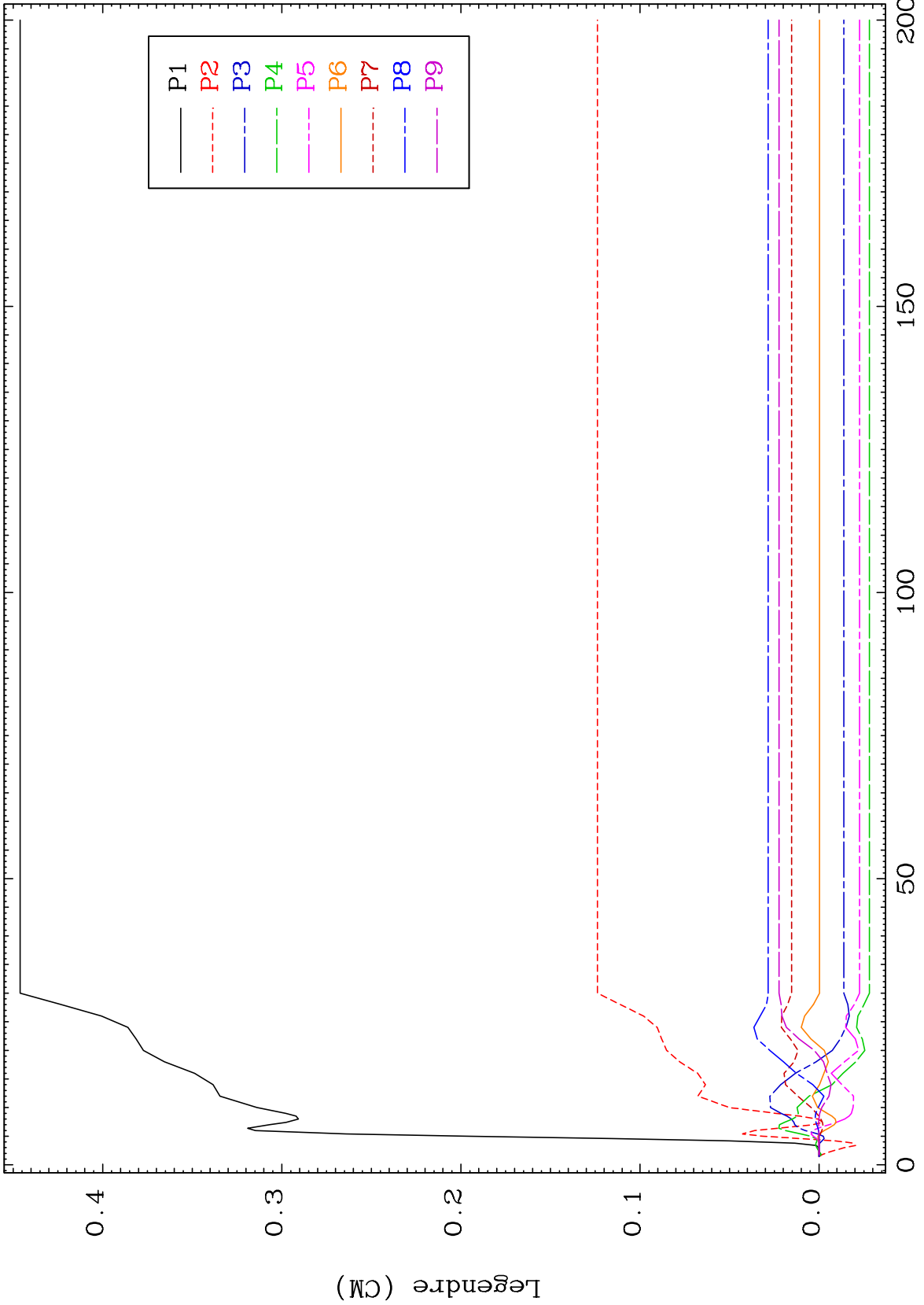
62-Sm-159

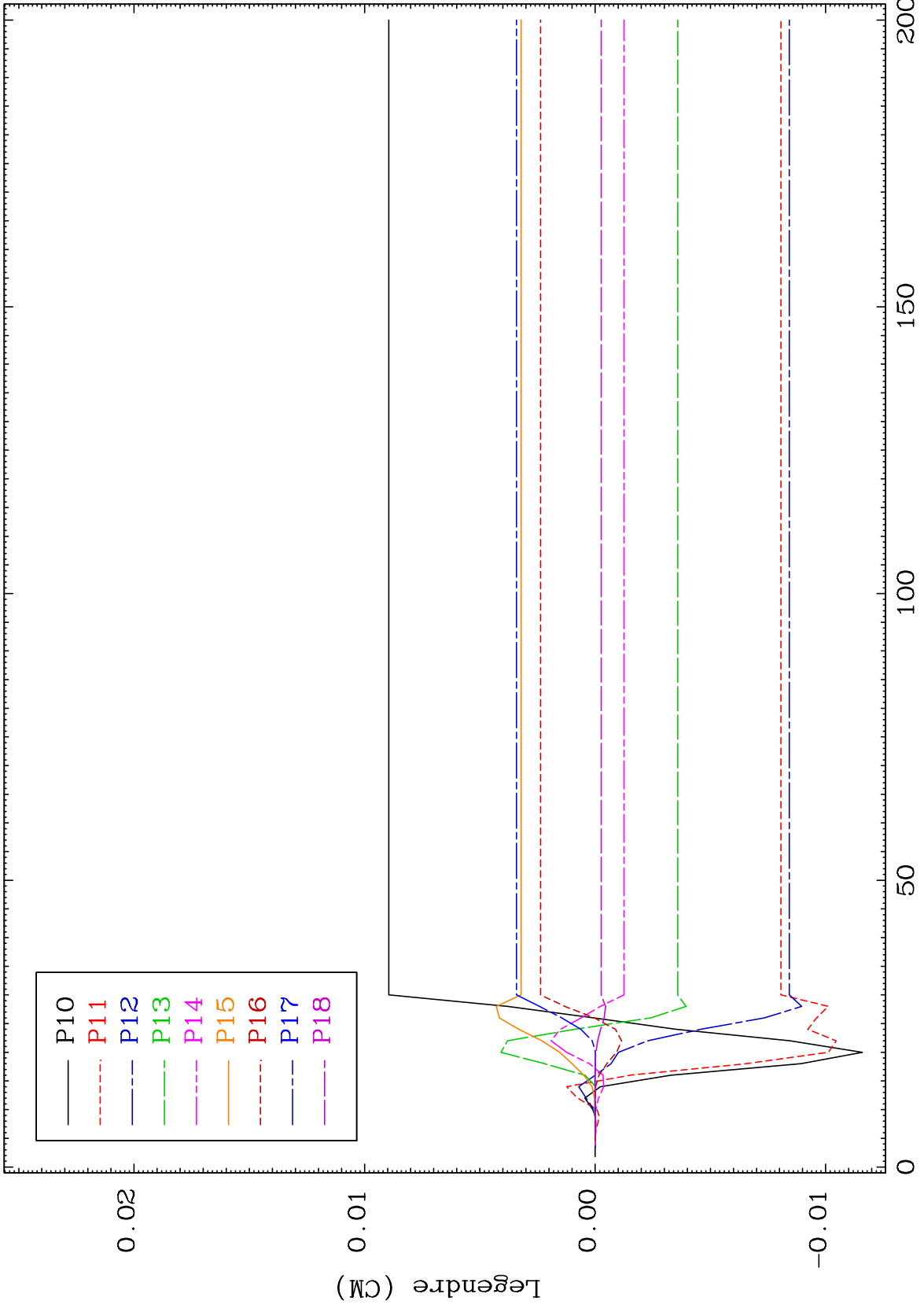


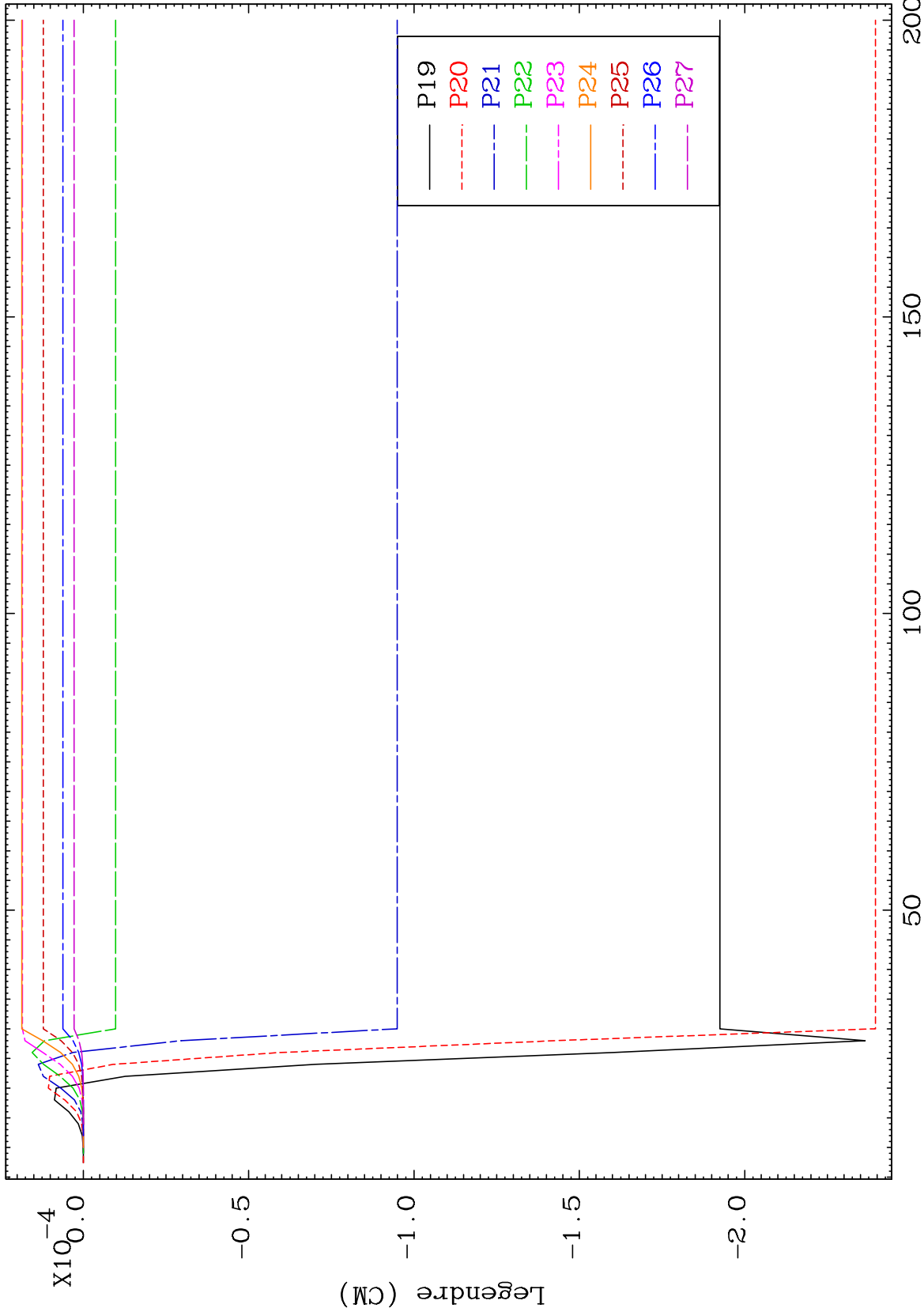
42

Incident Energy (MeV)

62-Sm-159



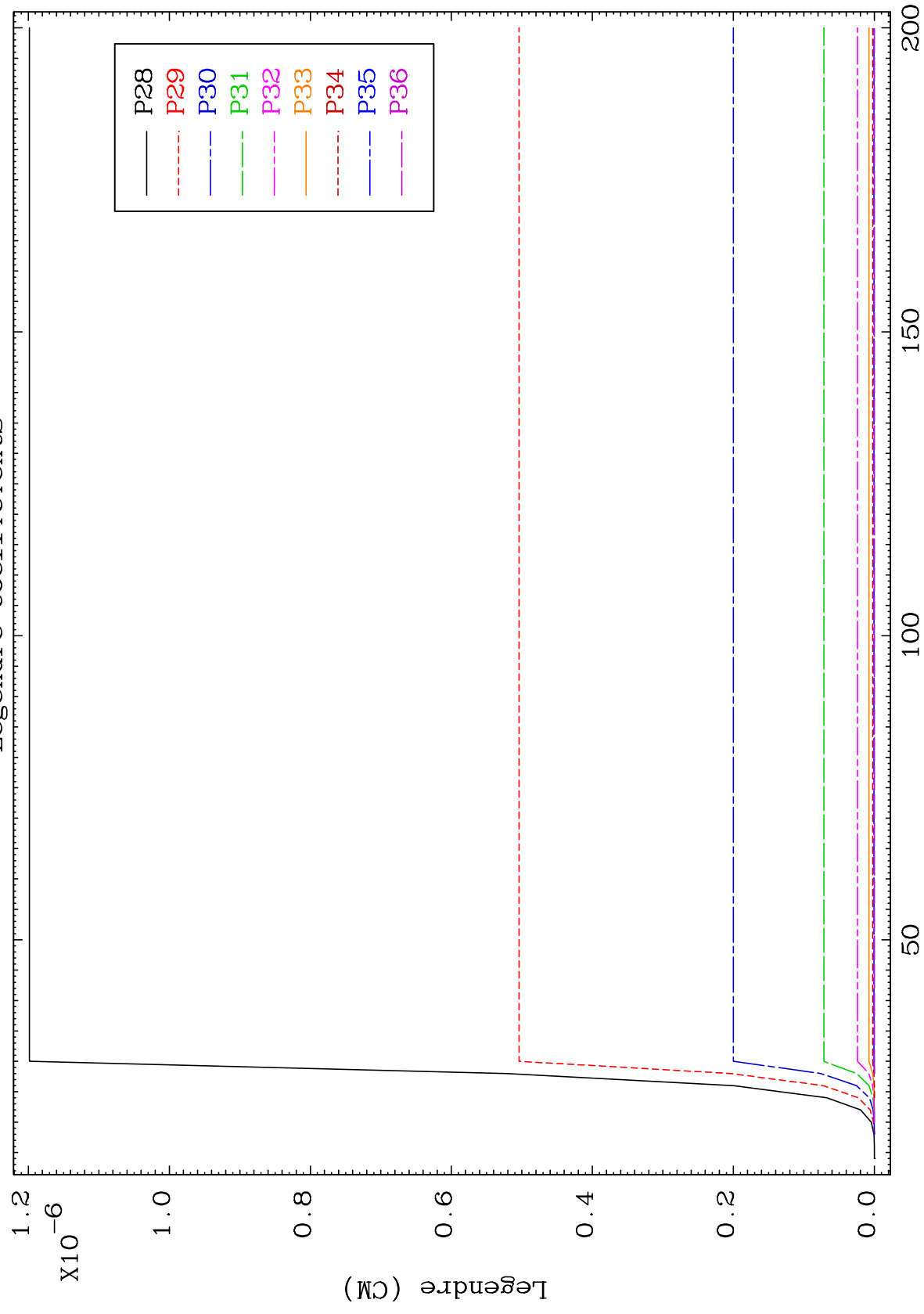




MAT 6270

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

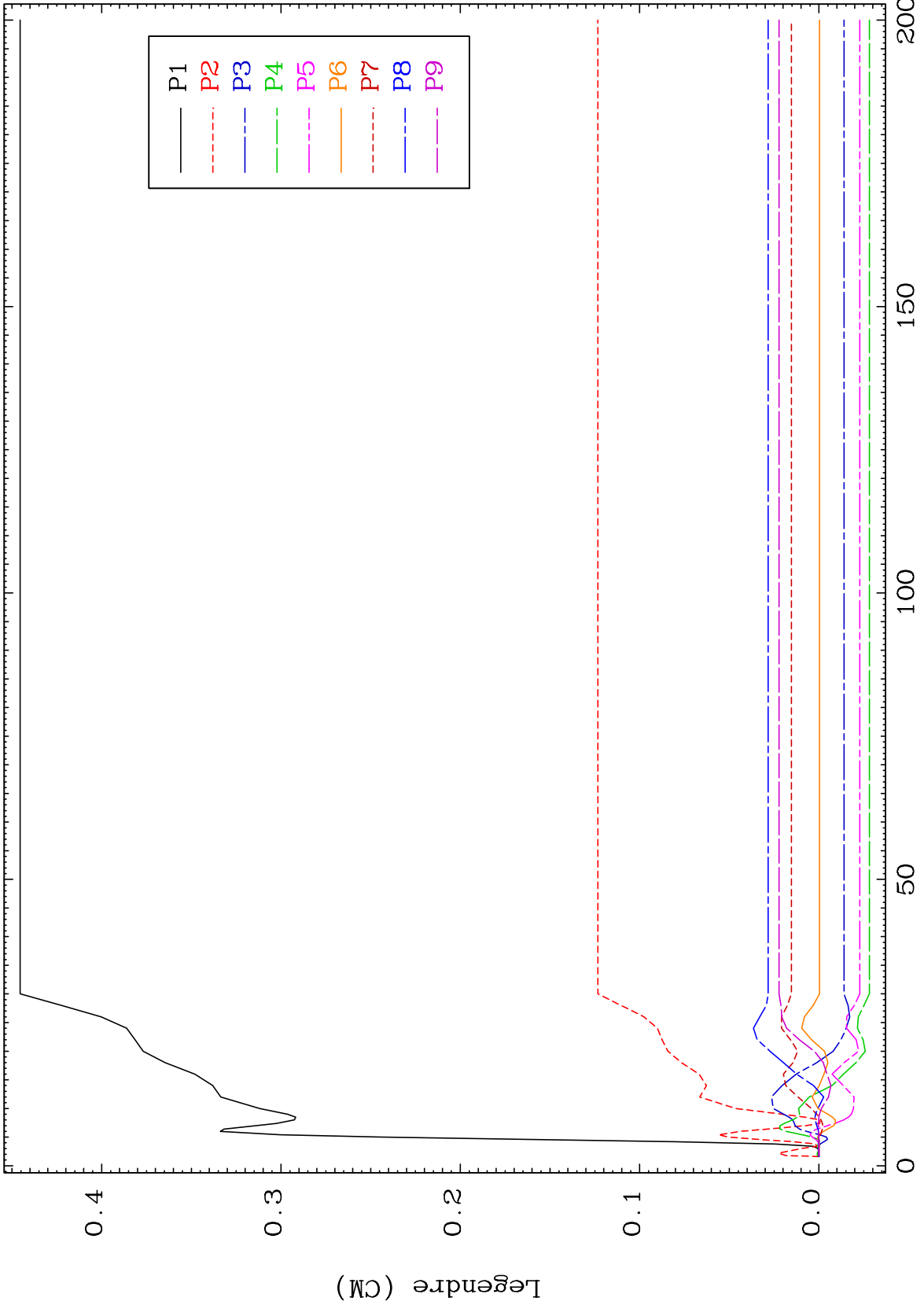
62-Sm-159



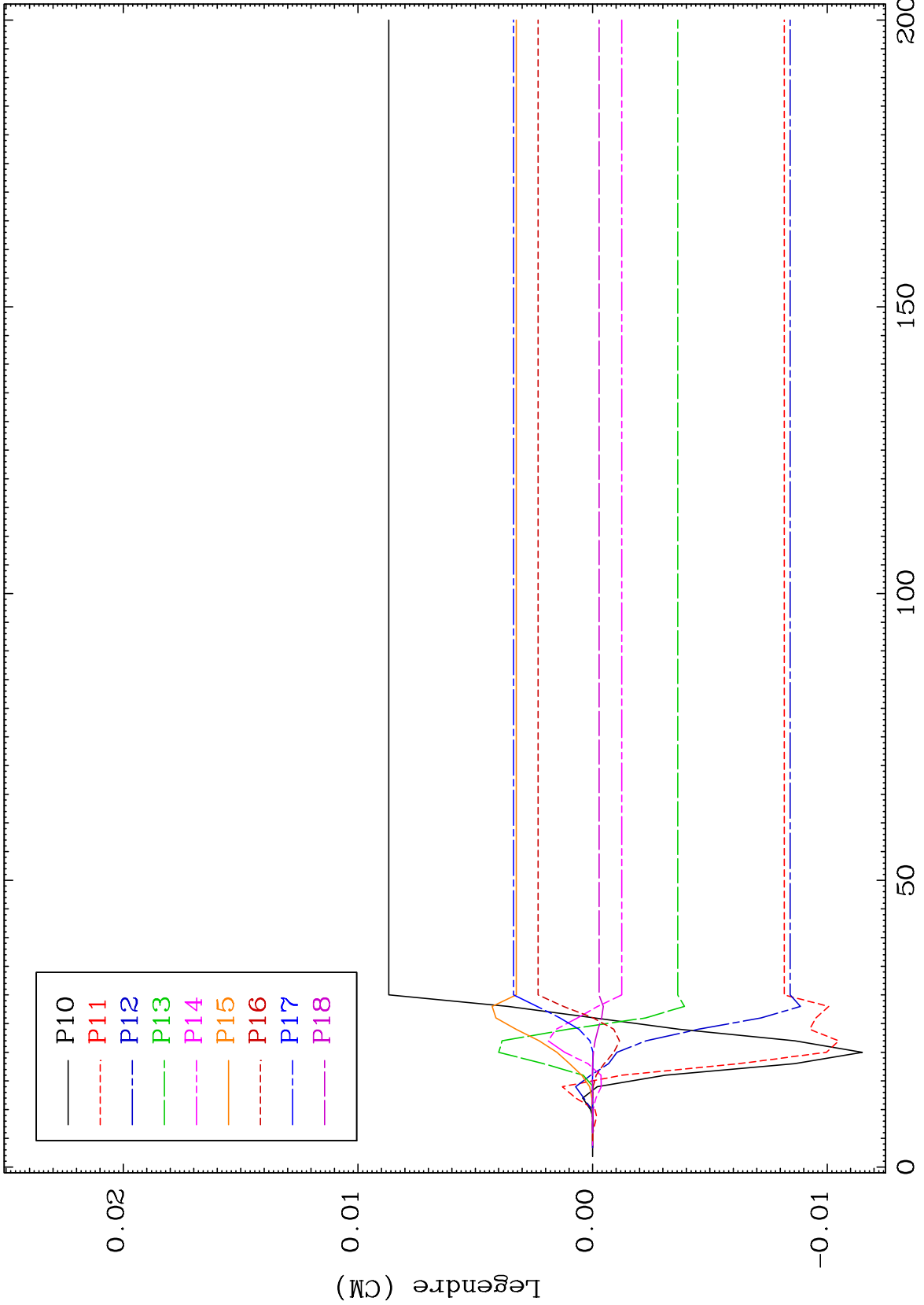
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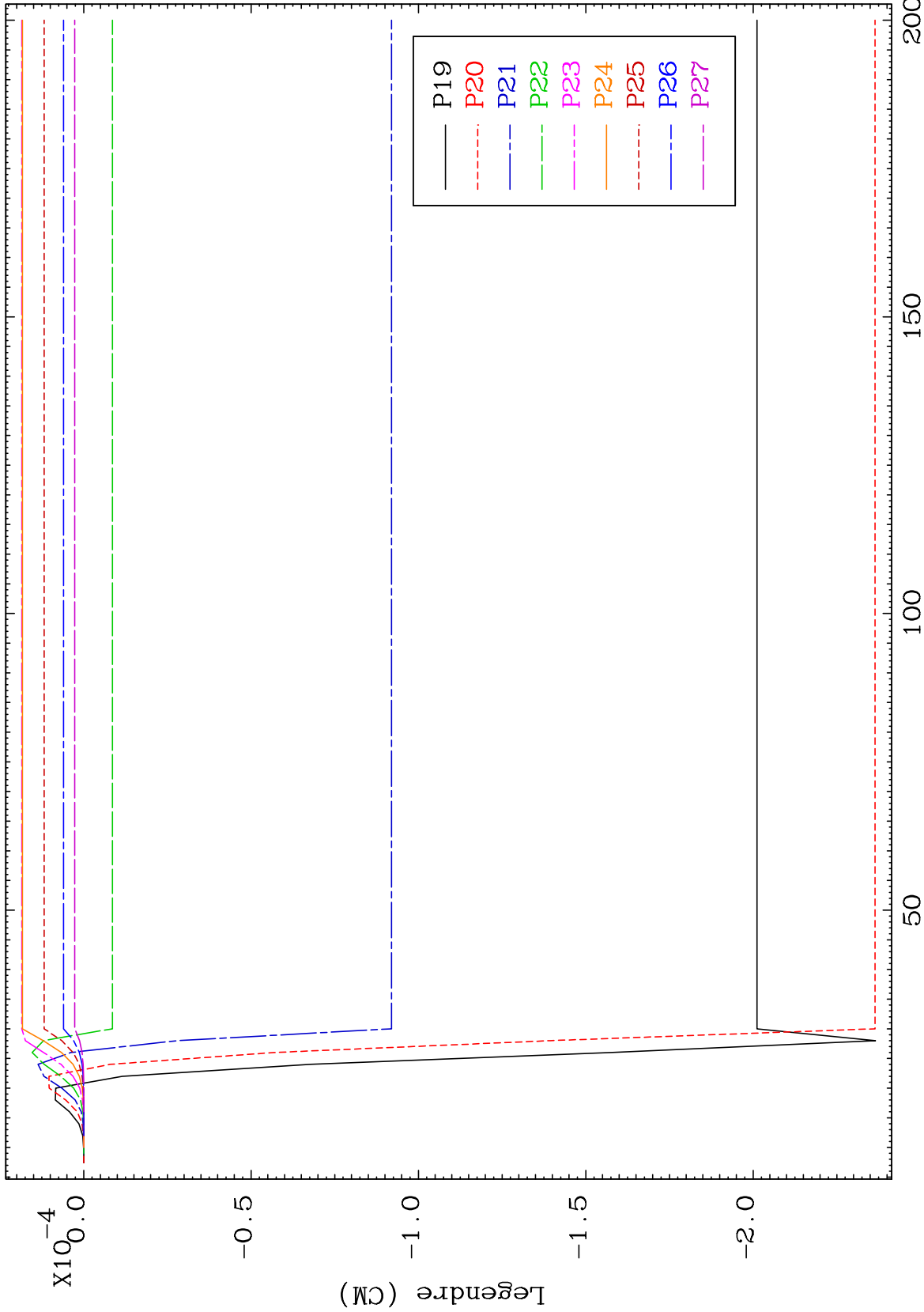
Incident Energy (MeV)

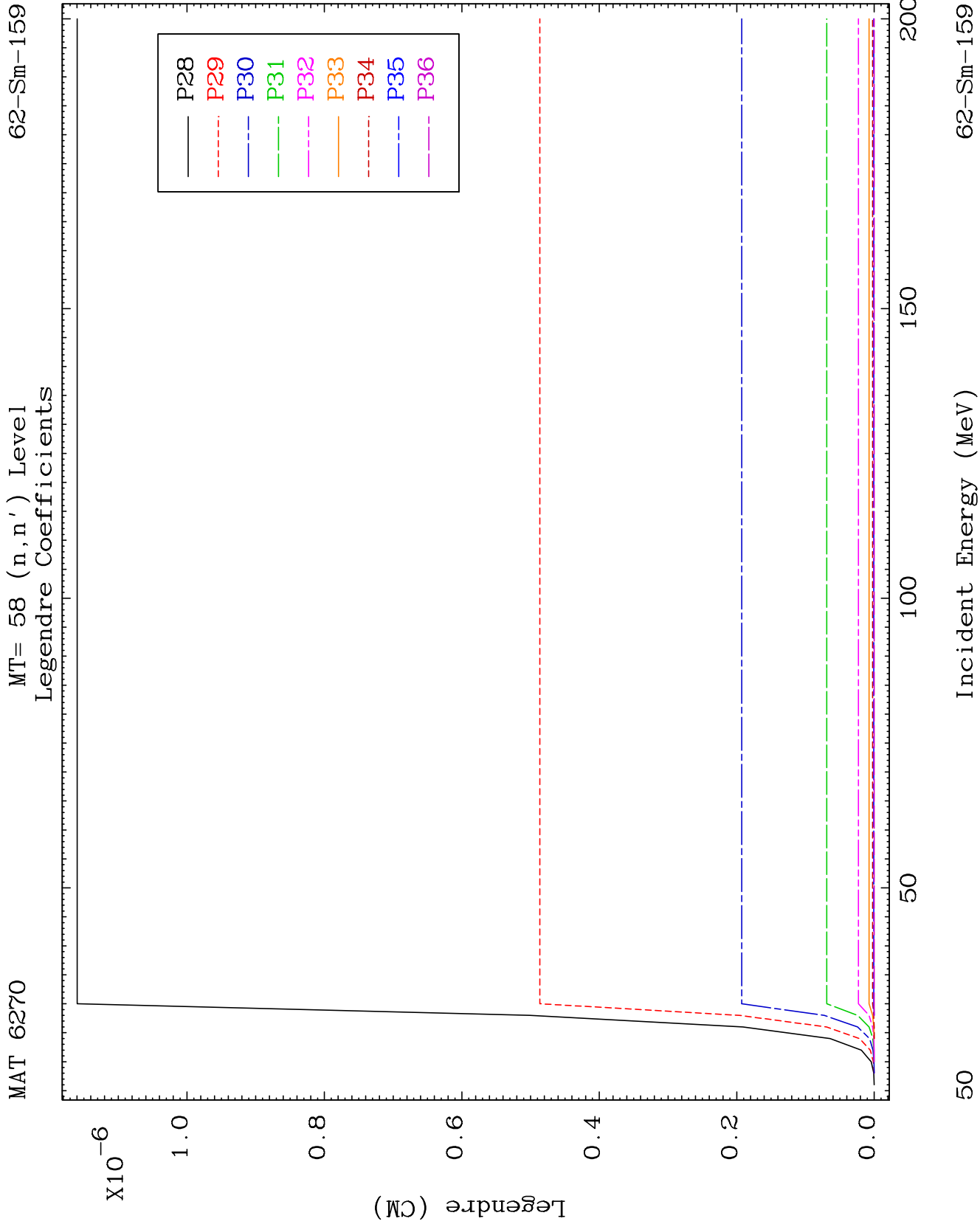
62-Sm-159

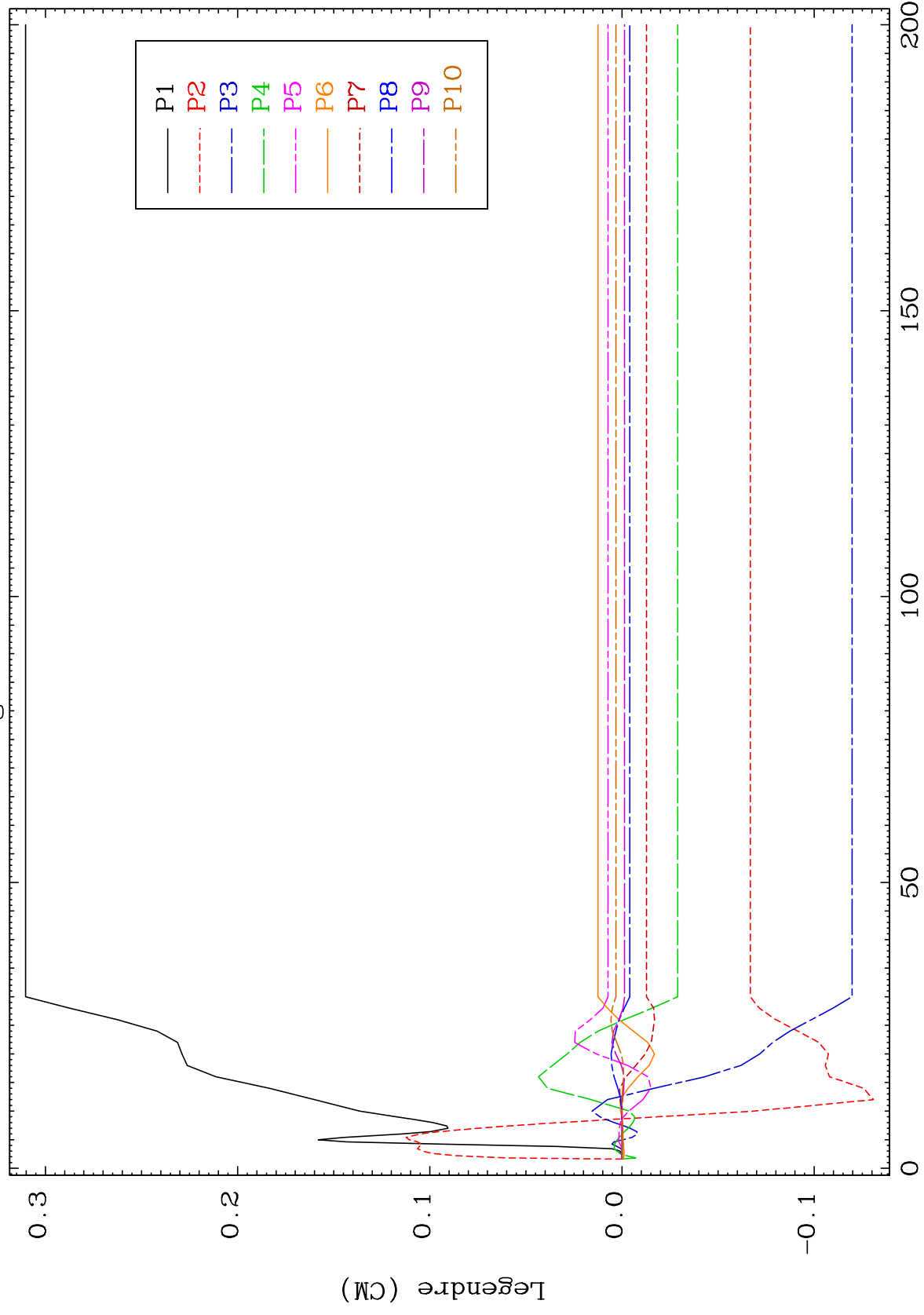


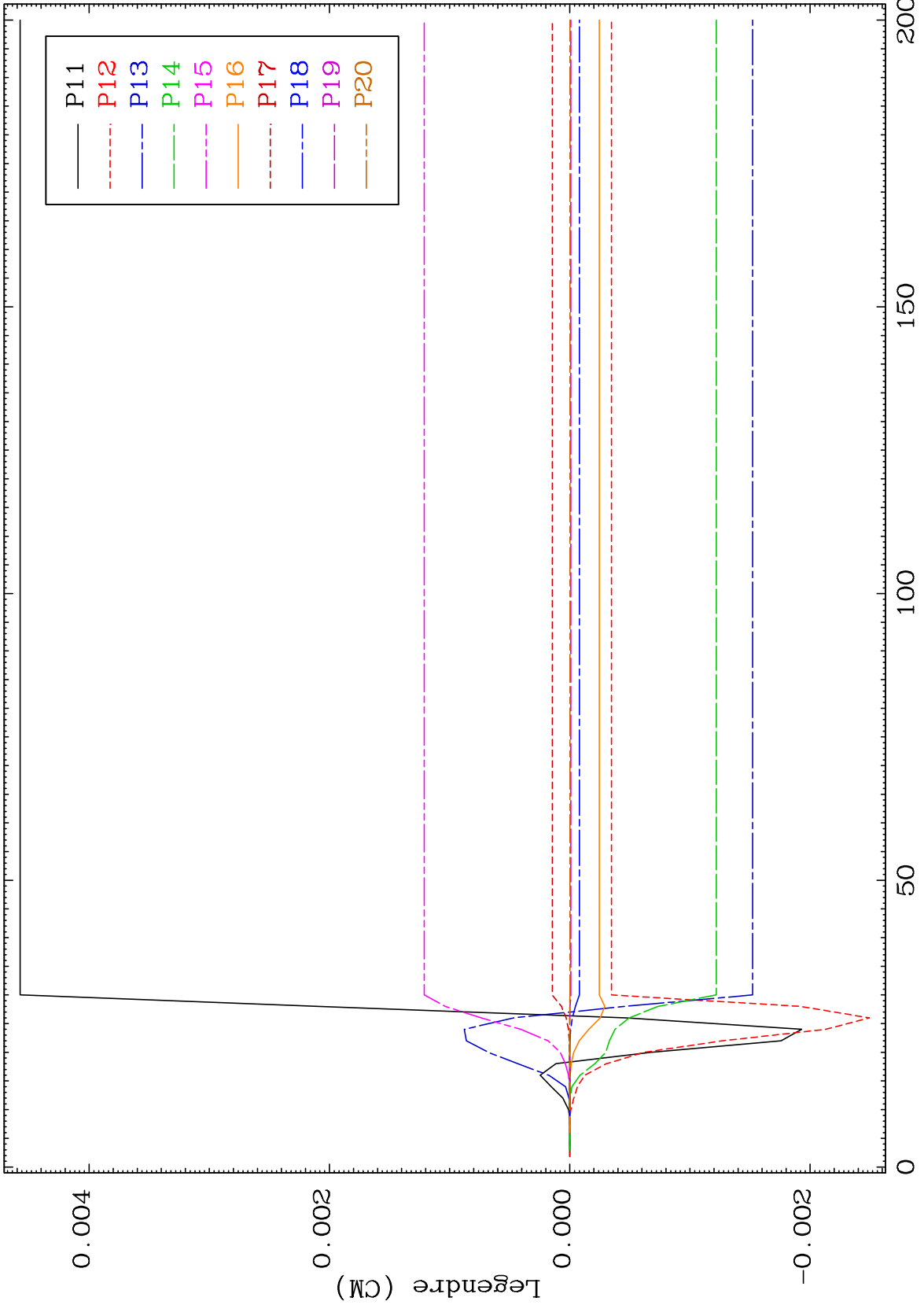


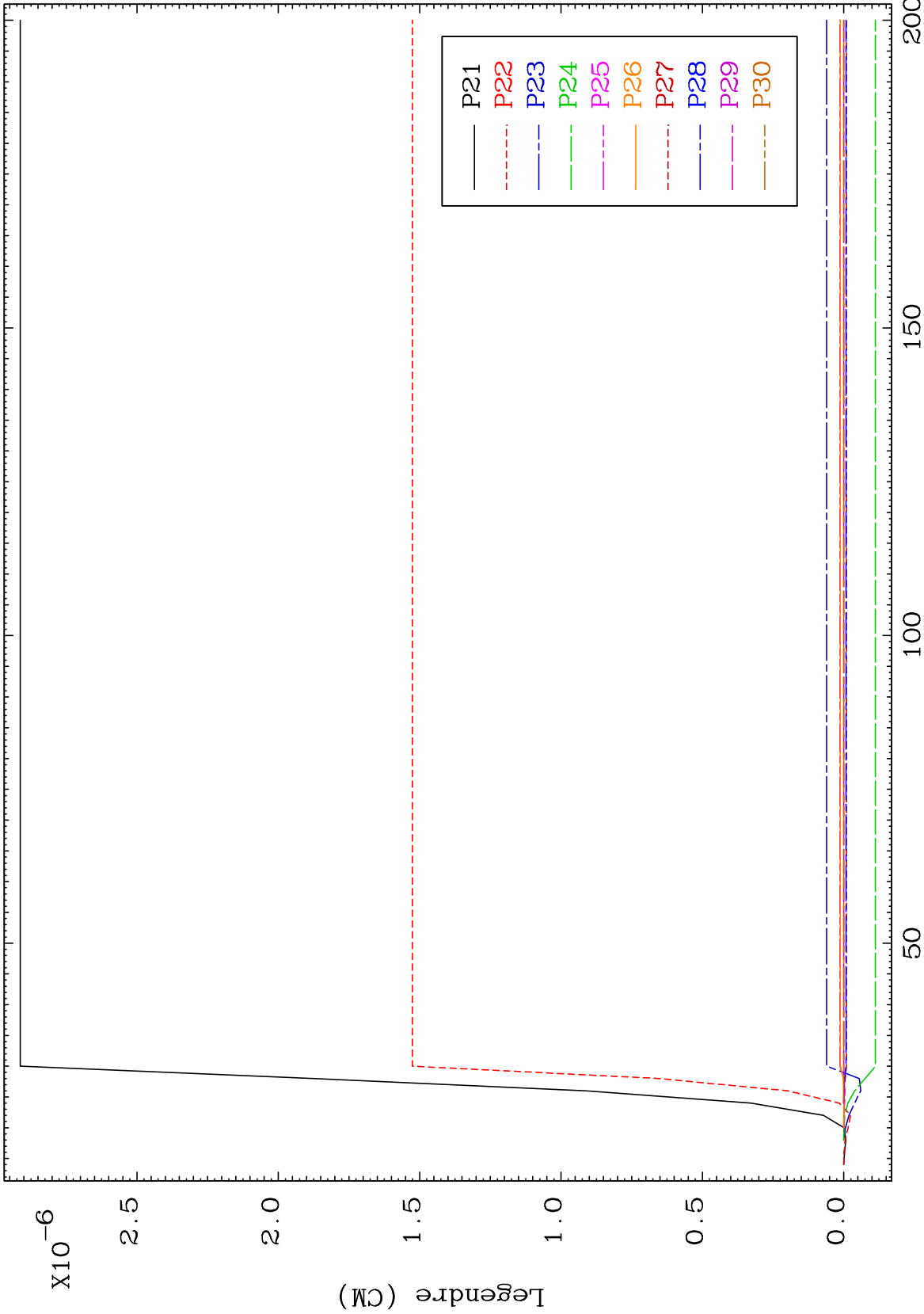


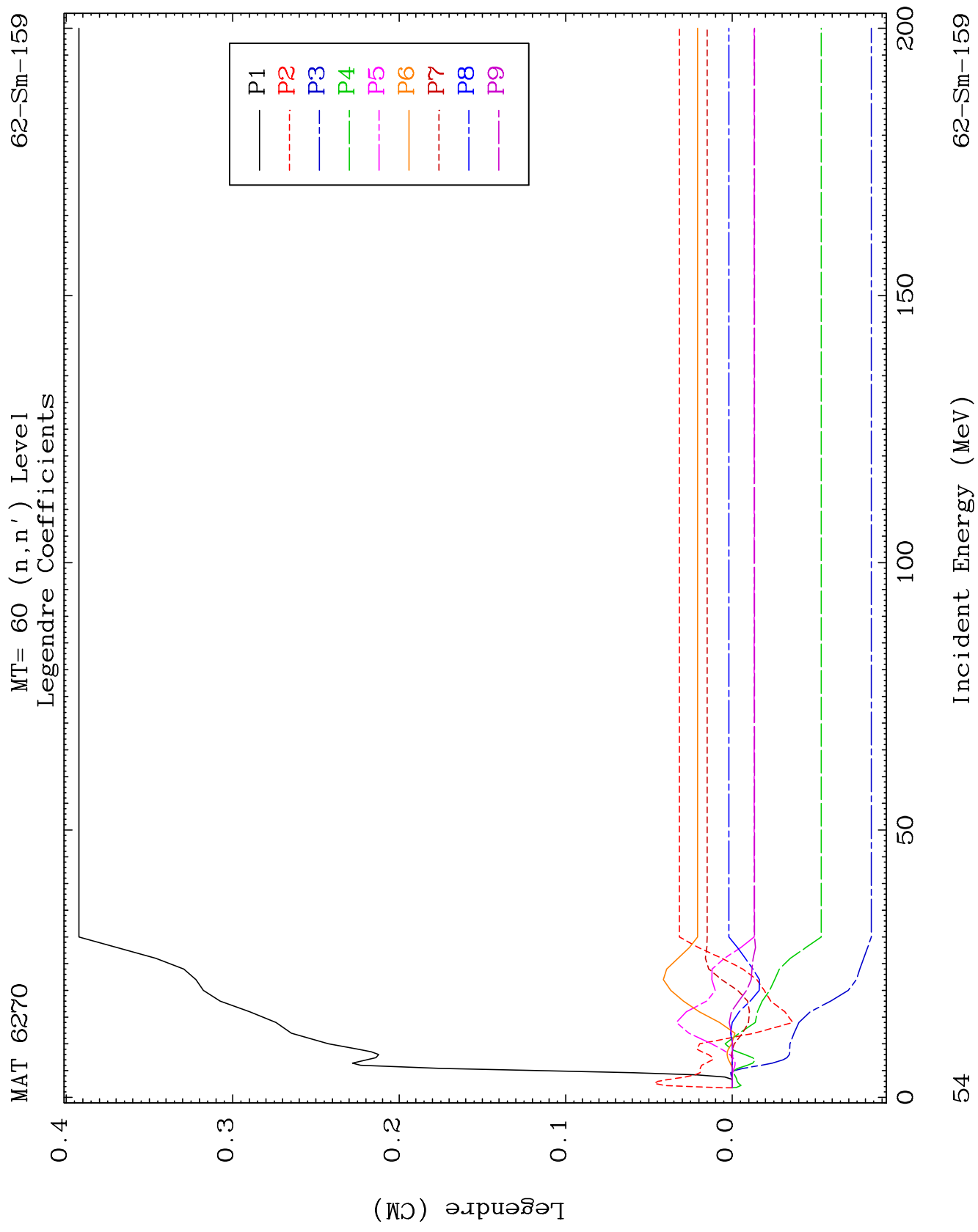








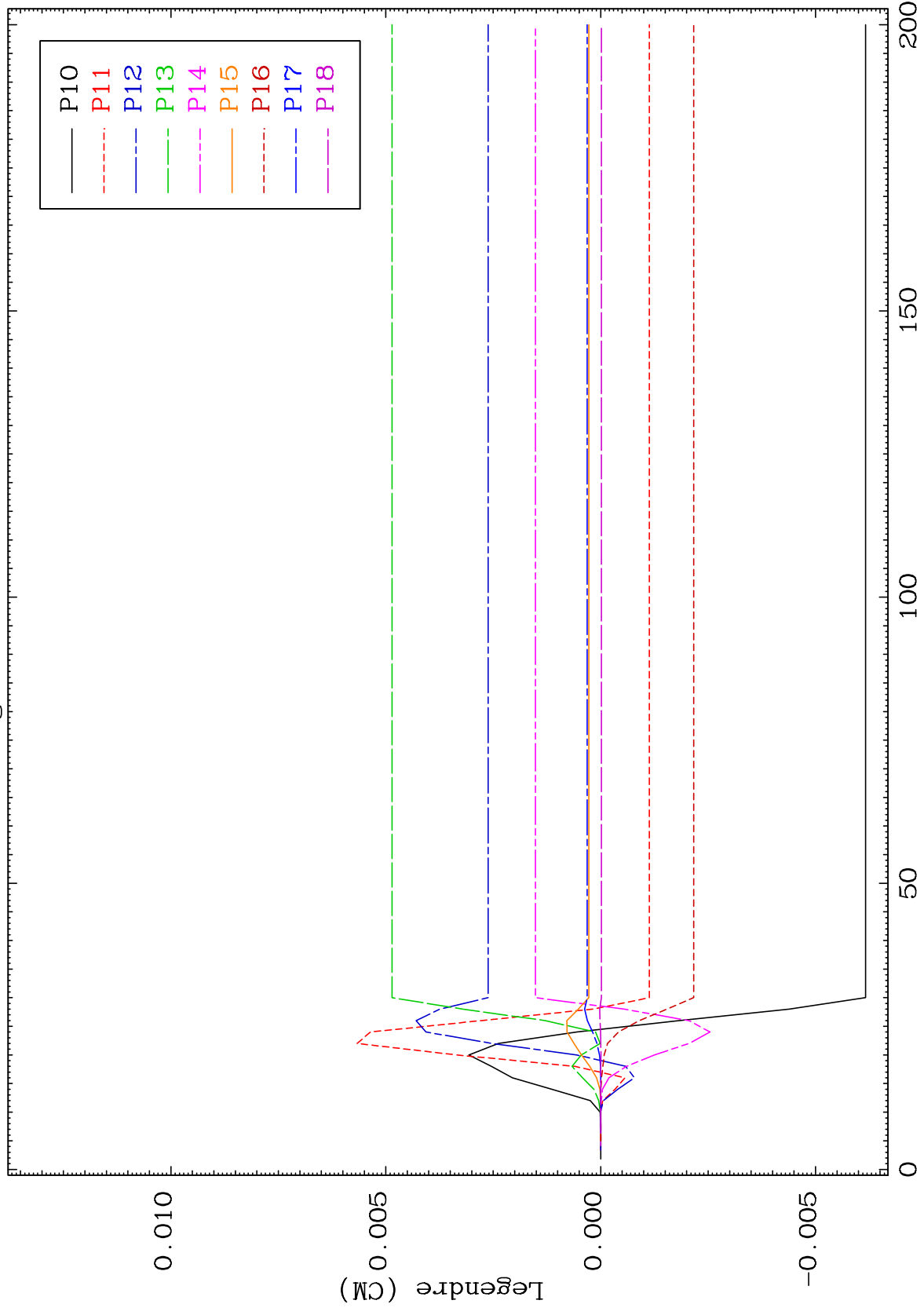




MAT 6270

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

62-Sm-159

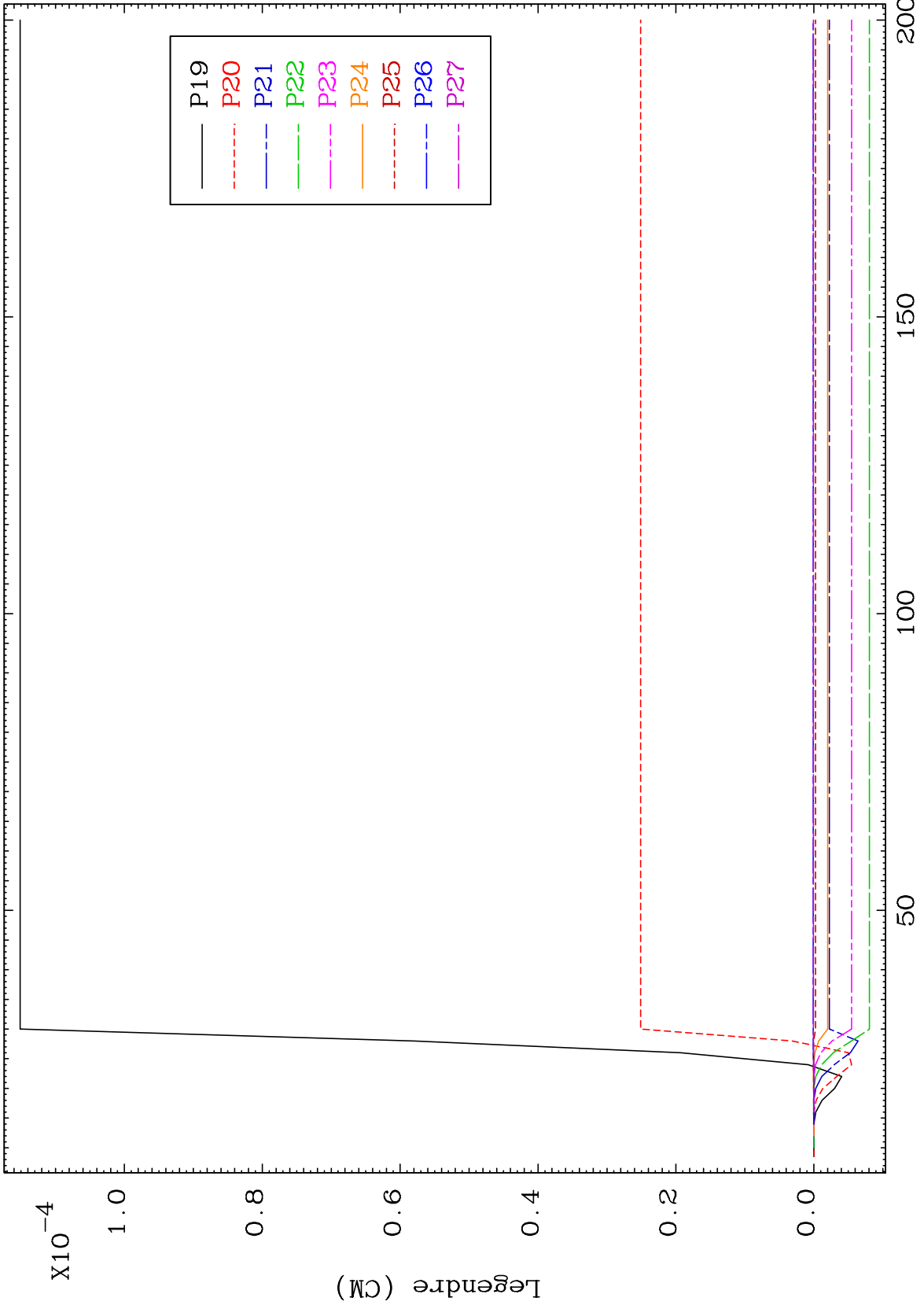


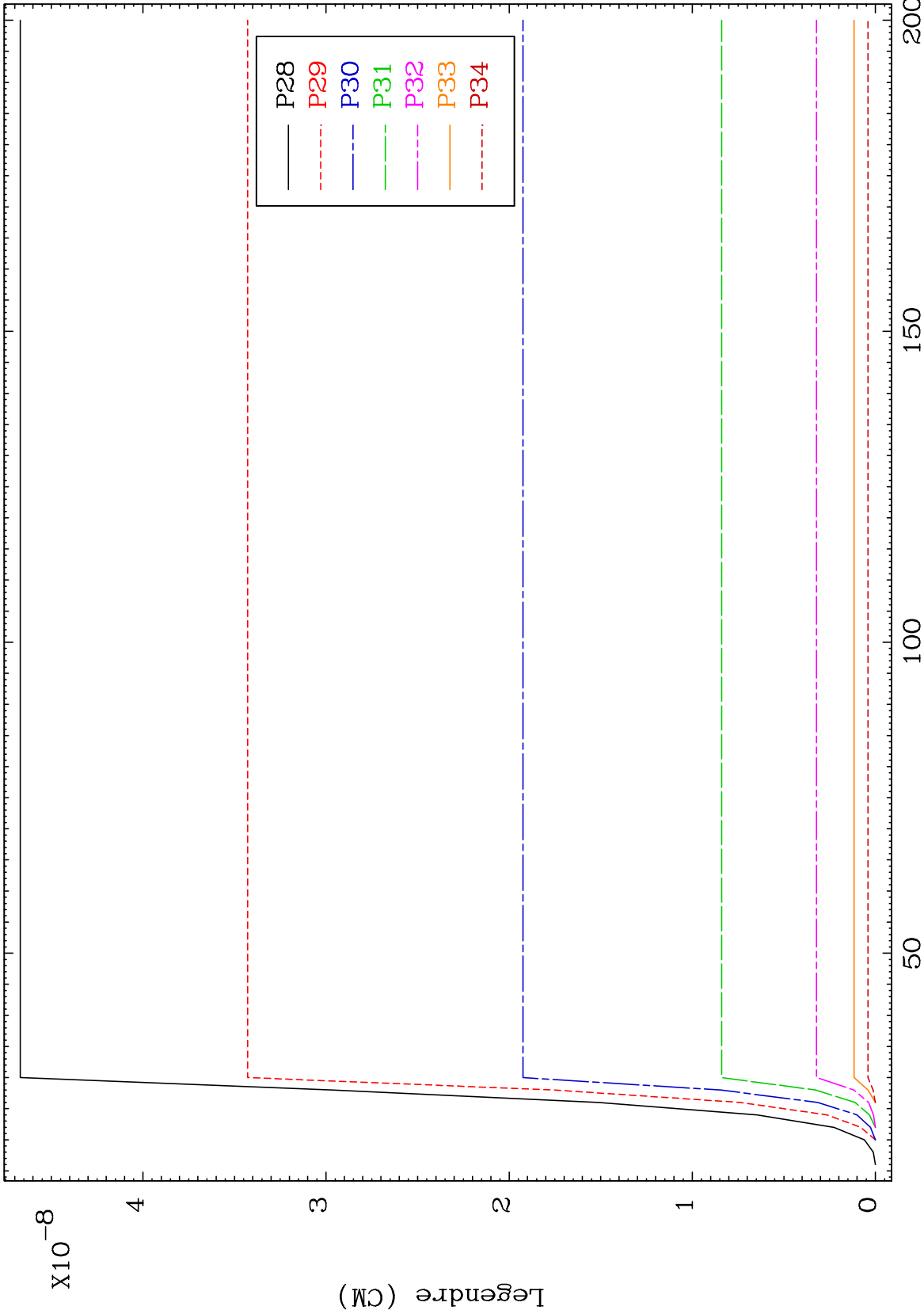
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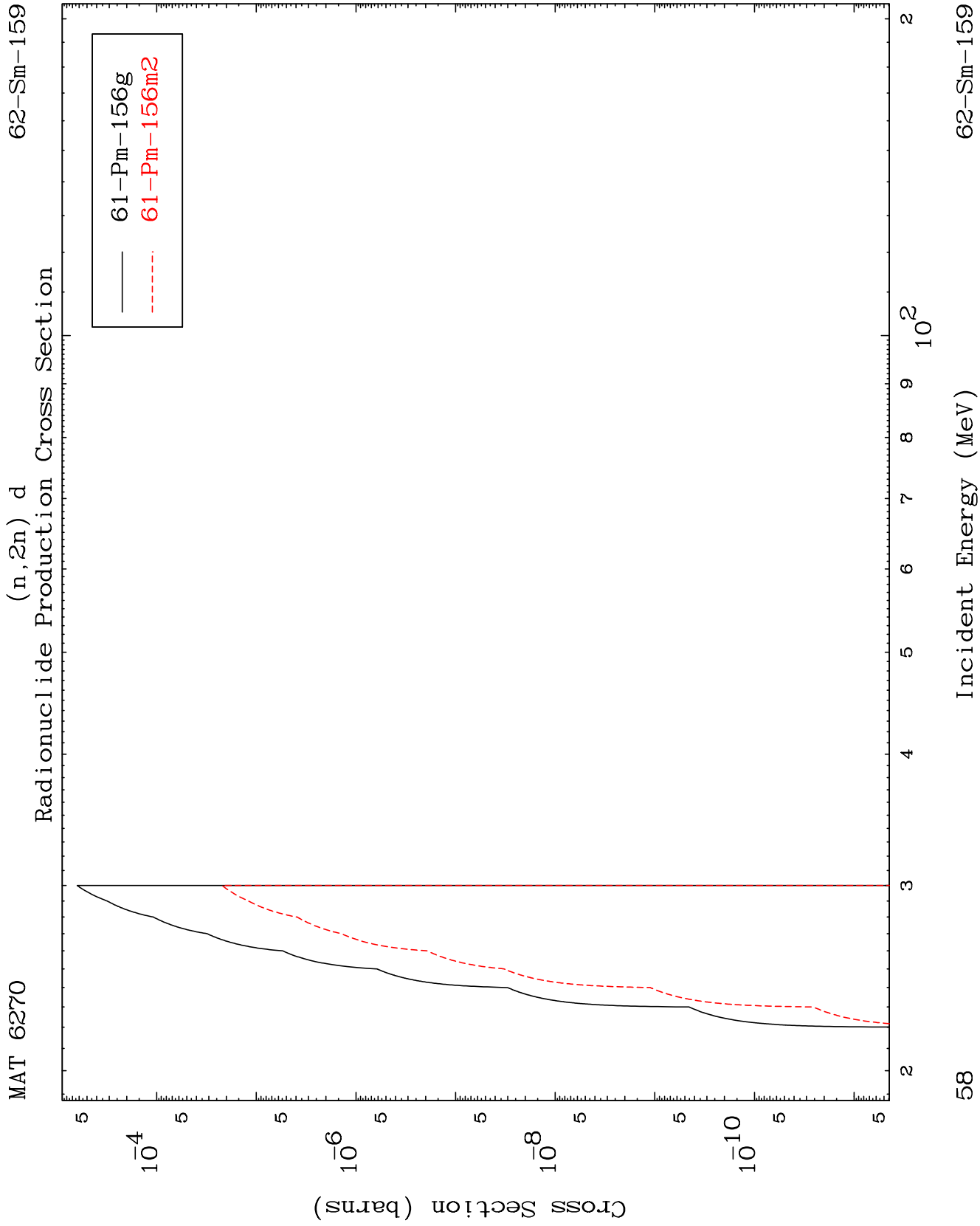
Incident Energy (MeV)

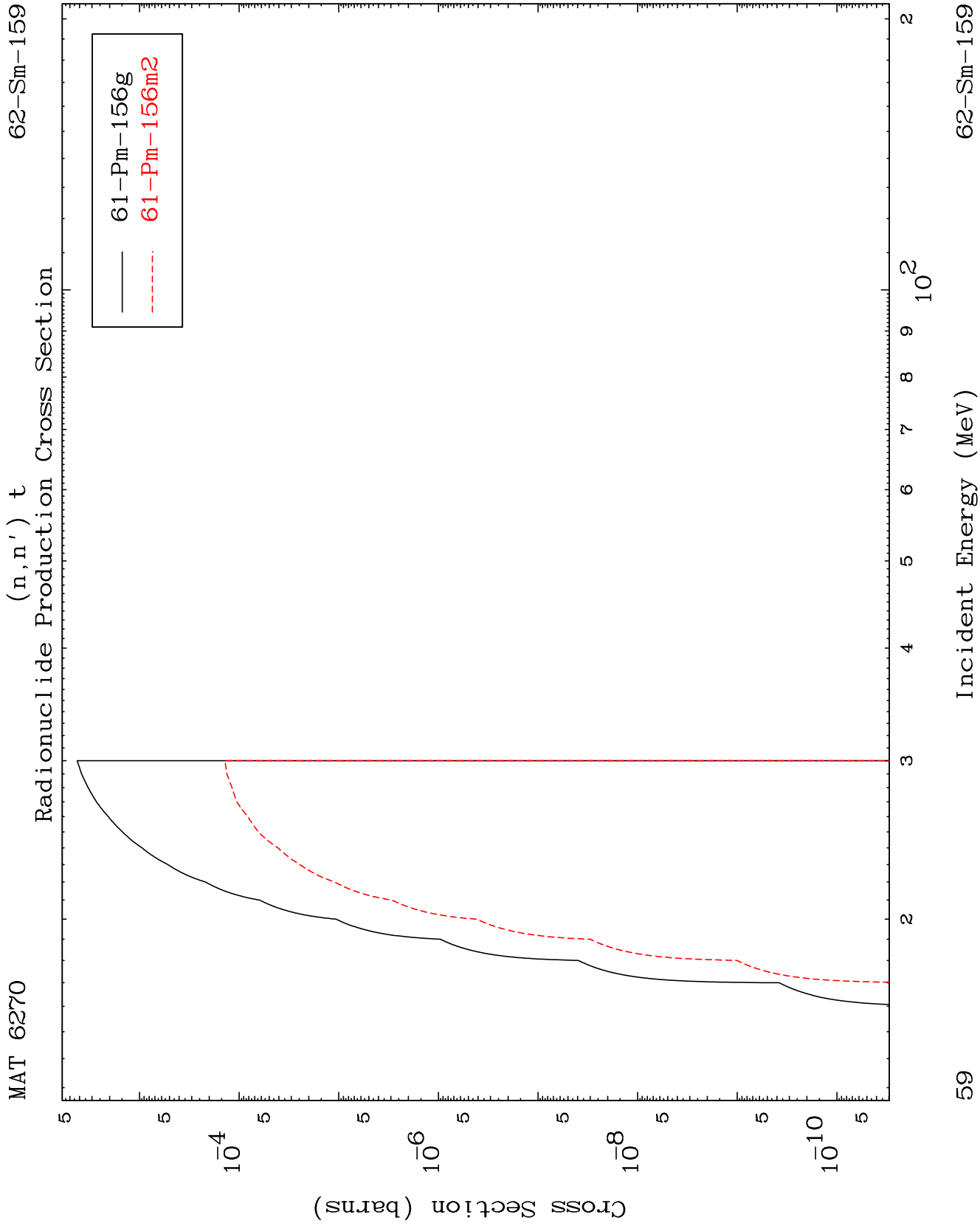
62-Sm-159











MAT 6270

$$(n, 3n) \text{ p}$$

62-Sm-159

Radionuclide Production Cross Section

