

Program EVALPLOT
(Version 2021-1)

by

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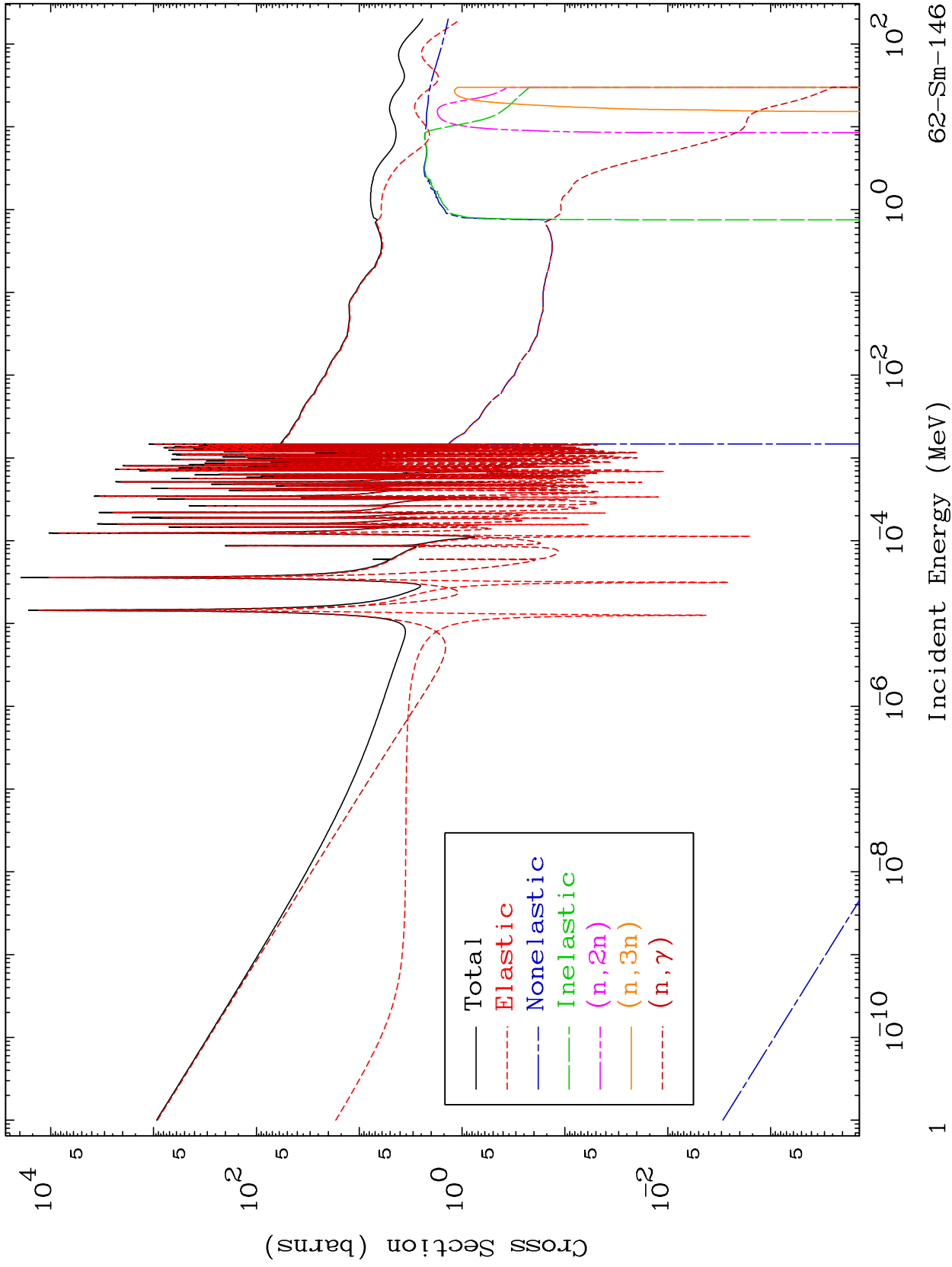
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Press Mouse Button to Start

MAT 6231

Neutron Major
293 Kelvin Cross Sections

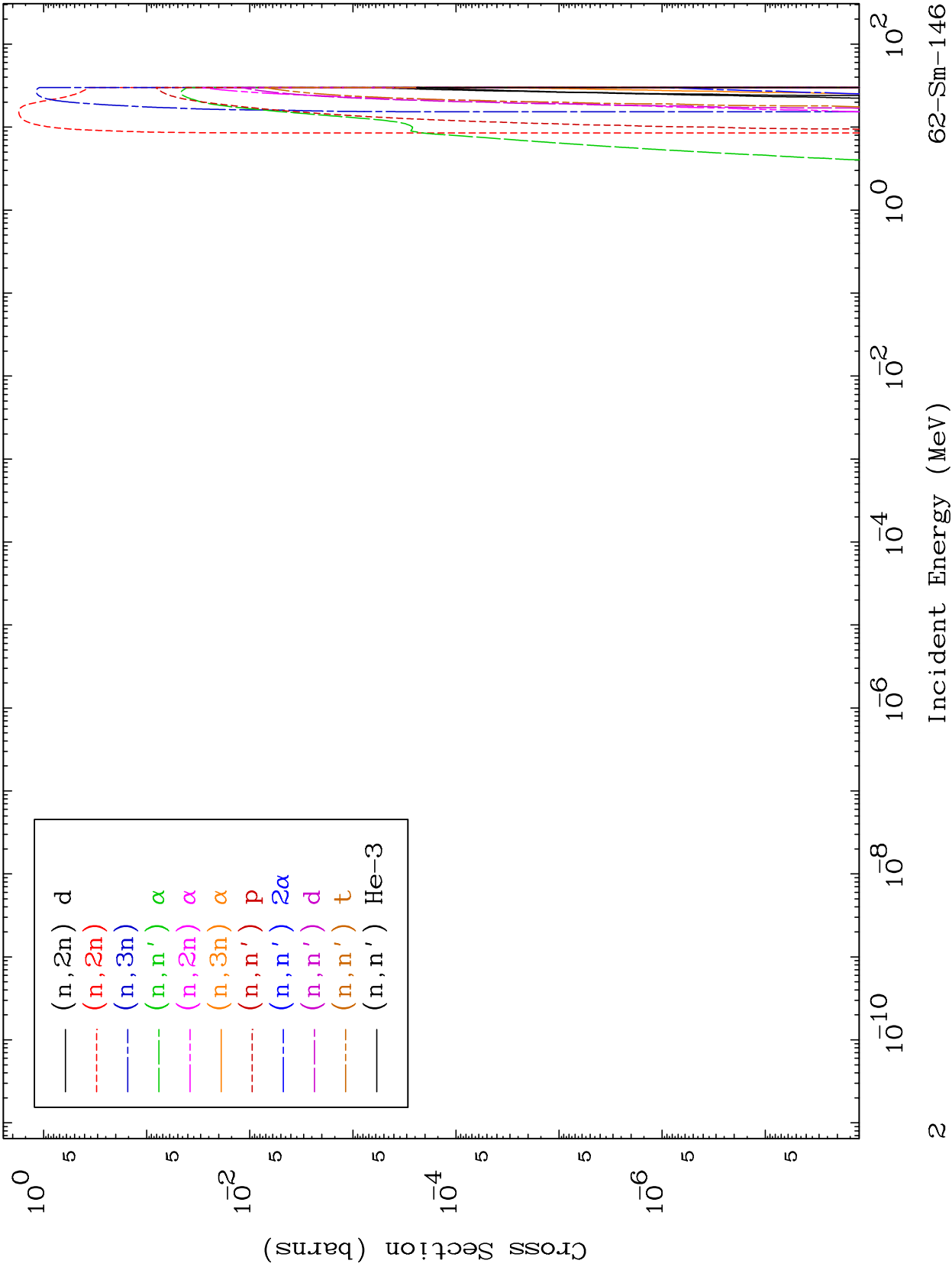
62-Sm-146



MAT 6231

Neutron Absorption
293 Kelvin Cross Sections

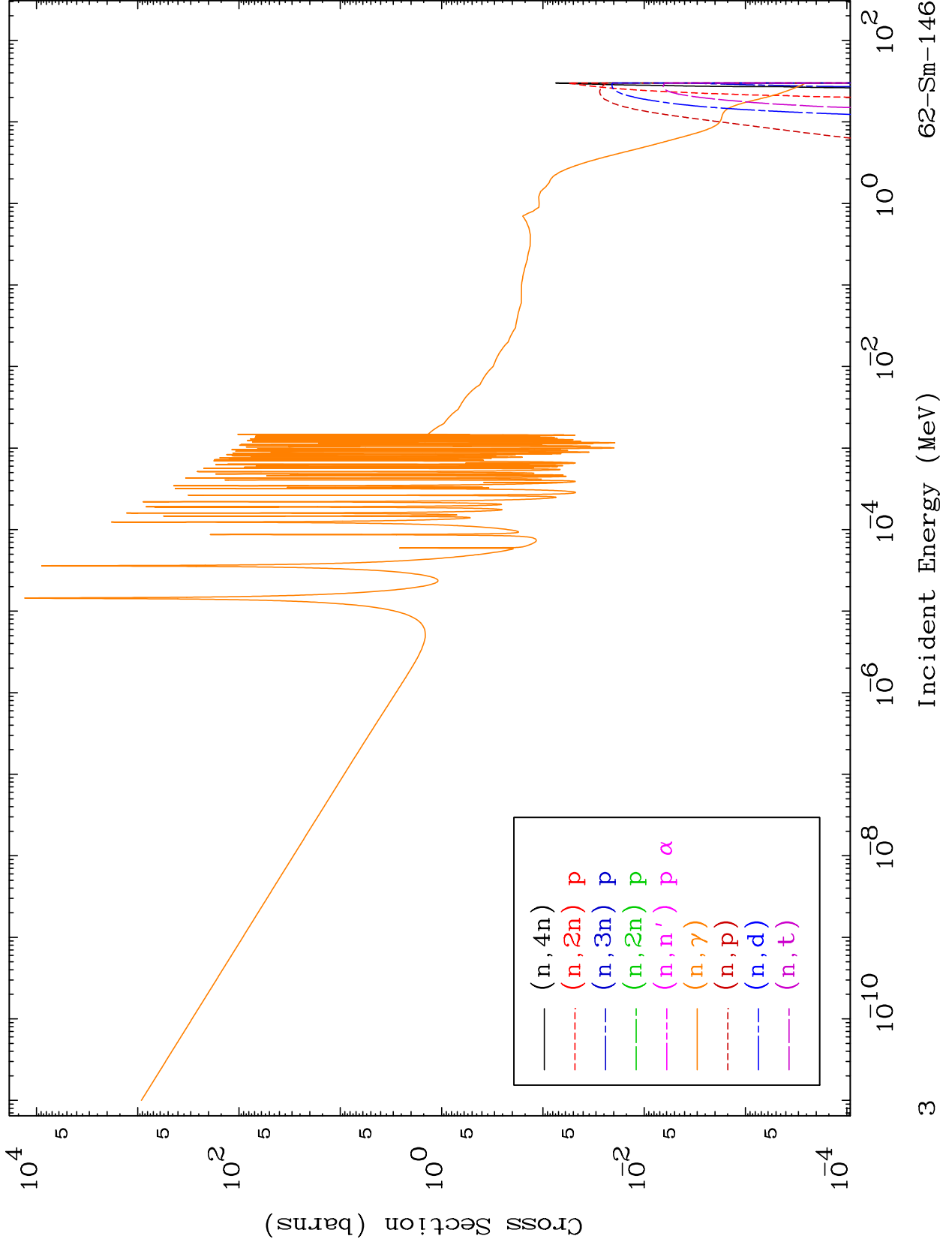
62-Sm-146



MAT 6231

Neutron Absorption
293 Kelvin Cross Sections

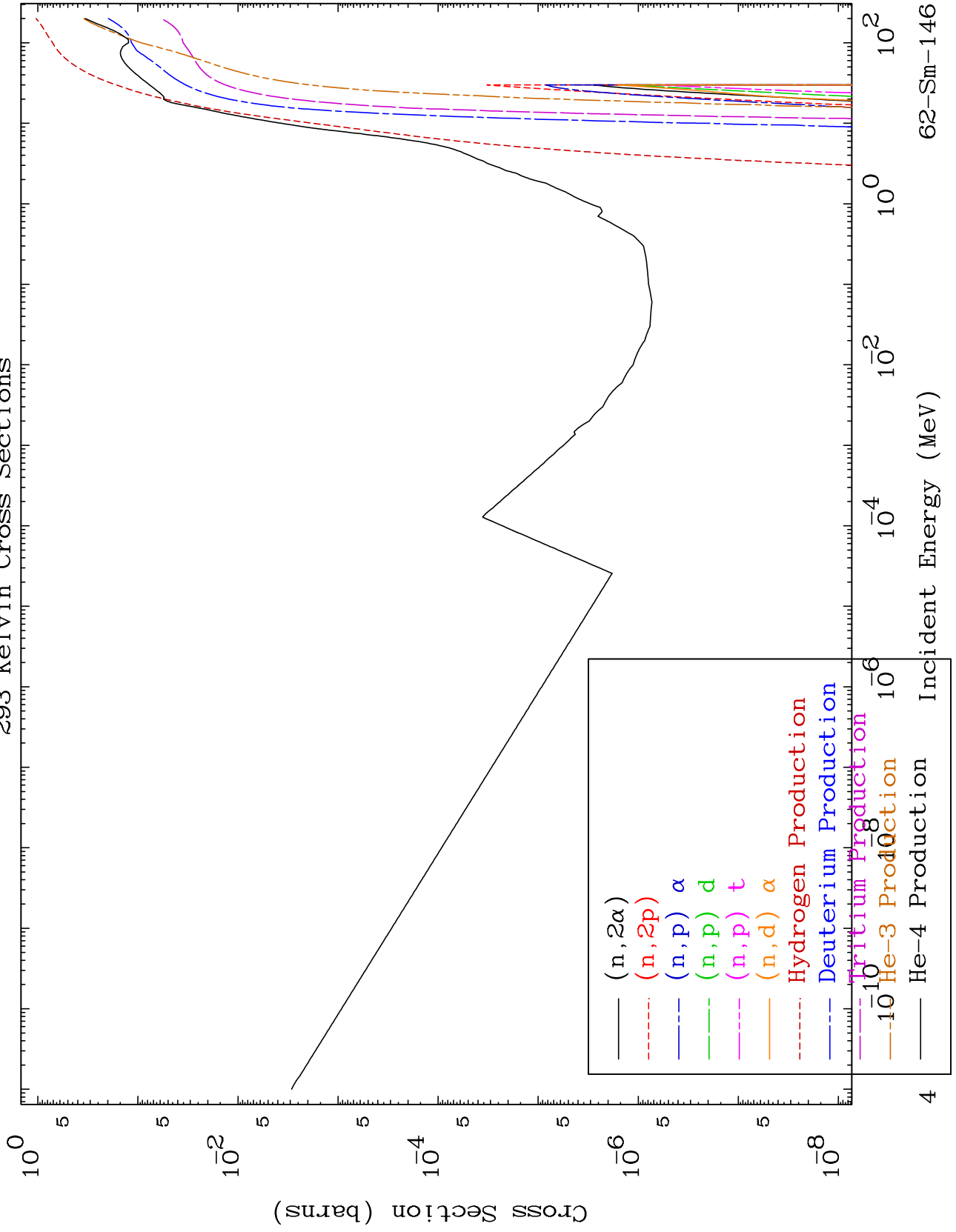
62-Sm-146



MAT 6231

Neutron Absorption
293 Kelvin Cross Sections

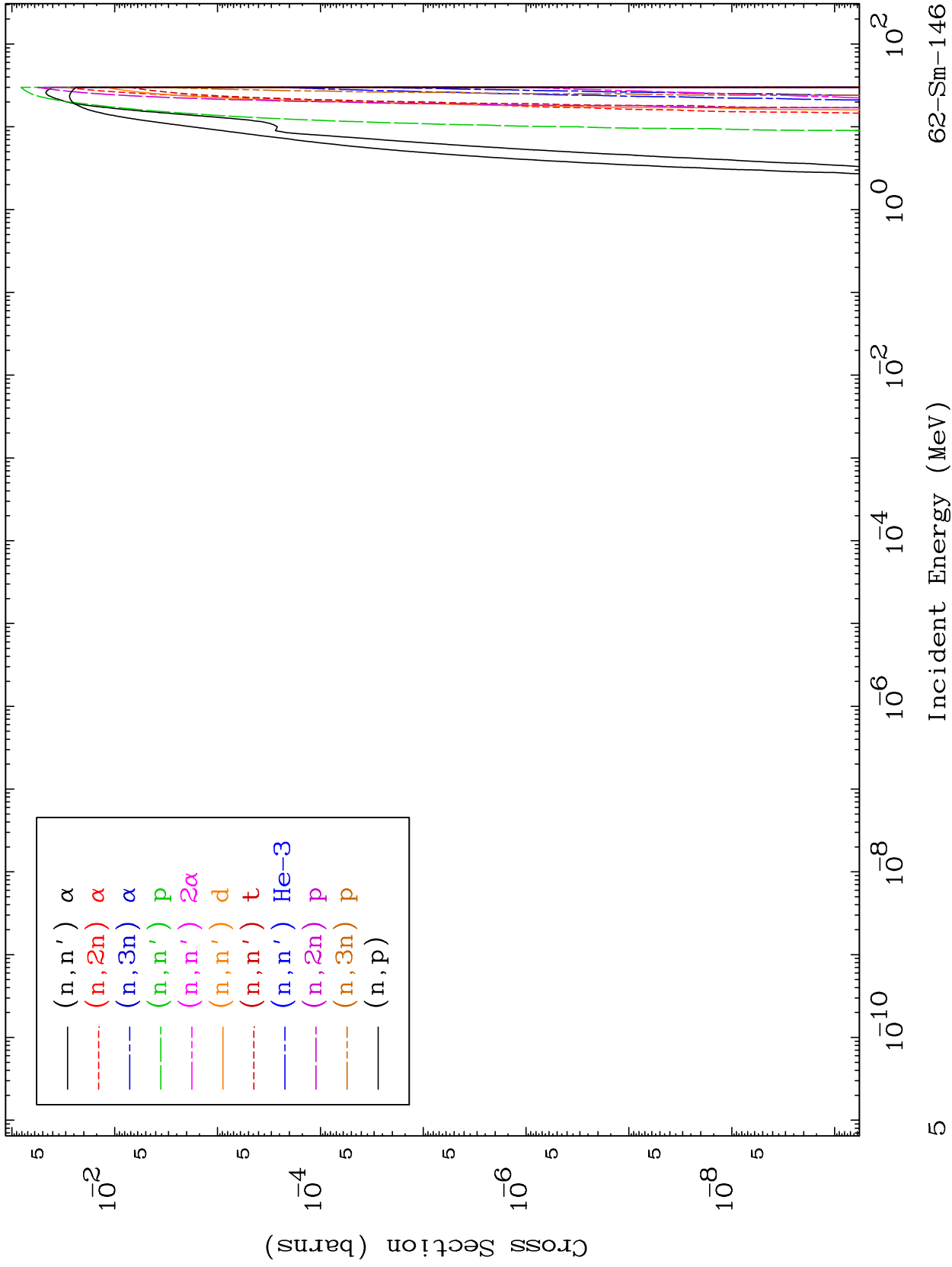
62-Sm-146



MAT 6231

Charged Particle
293 Kelvin Cross Sections

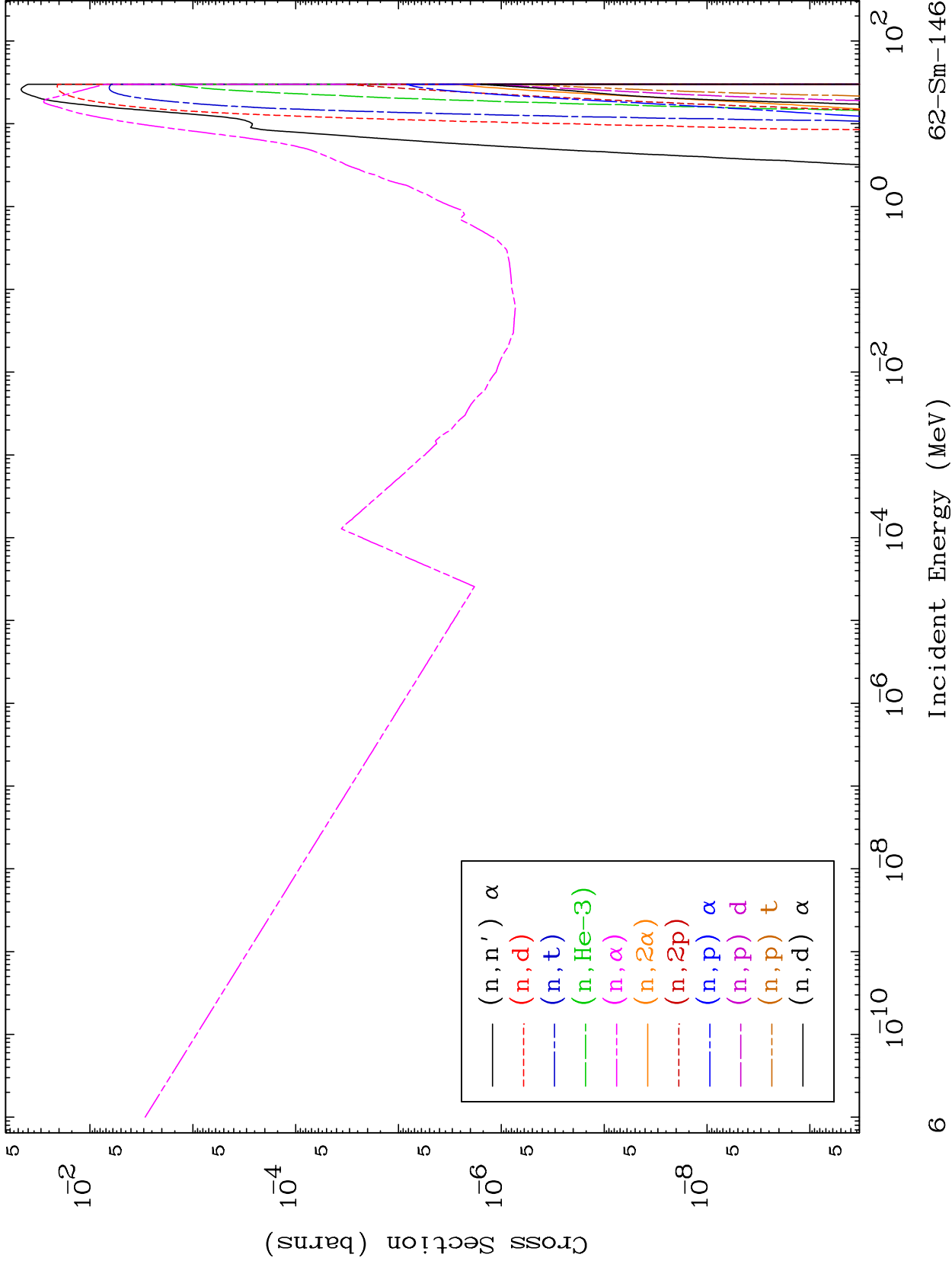
62-Sm-146



MAT 6231

Charged Particle
293 Kelvin Cross Sections

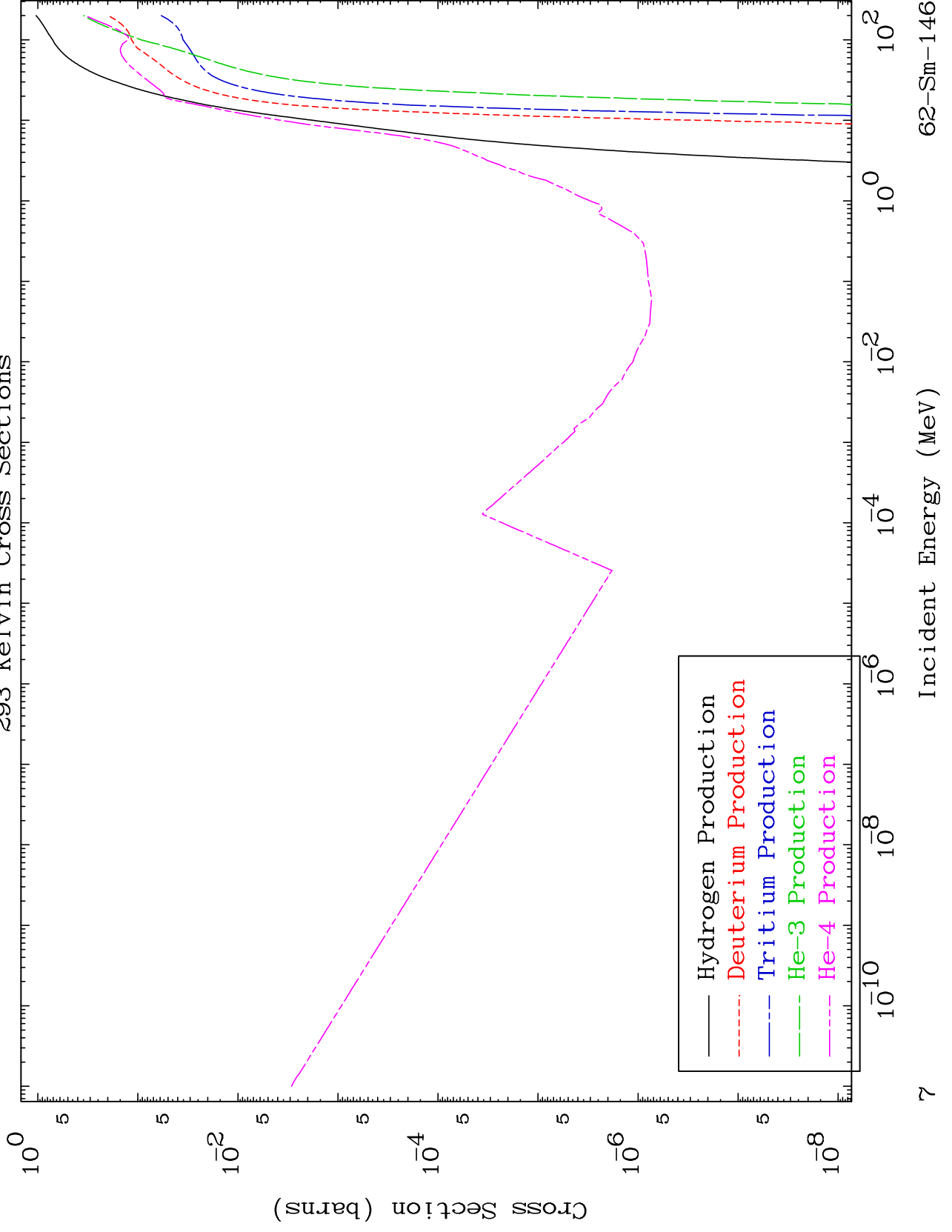
62-Sm-146



MAT 6231

Particle Production
293 Kelvin Cross Sections

62-Sm-146

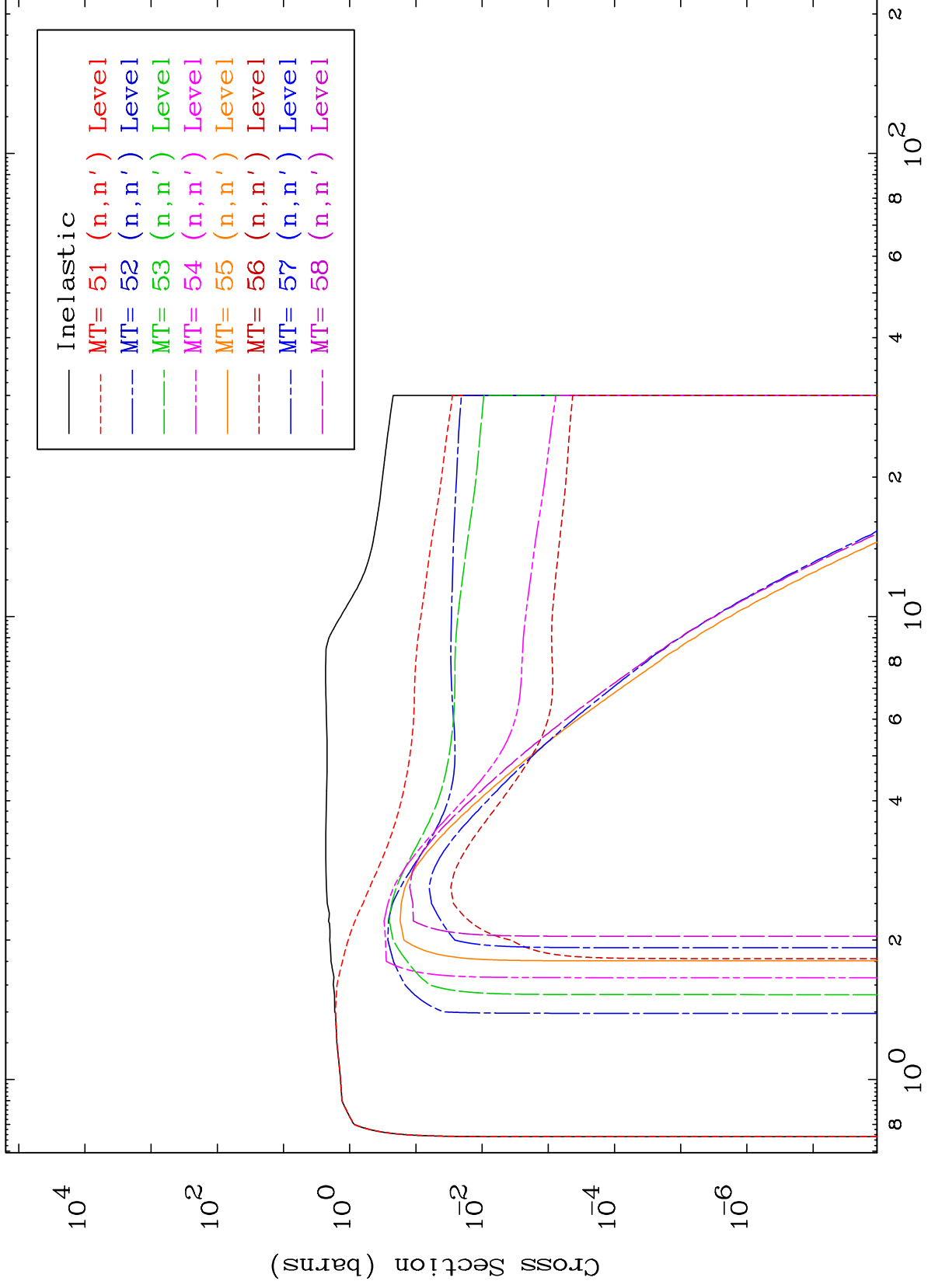


MAT 6231

(n,n') Levels

62-Sm-146

293 Kelvin Cross Sections



8

Incident Energy (MeV)

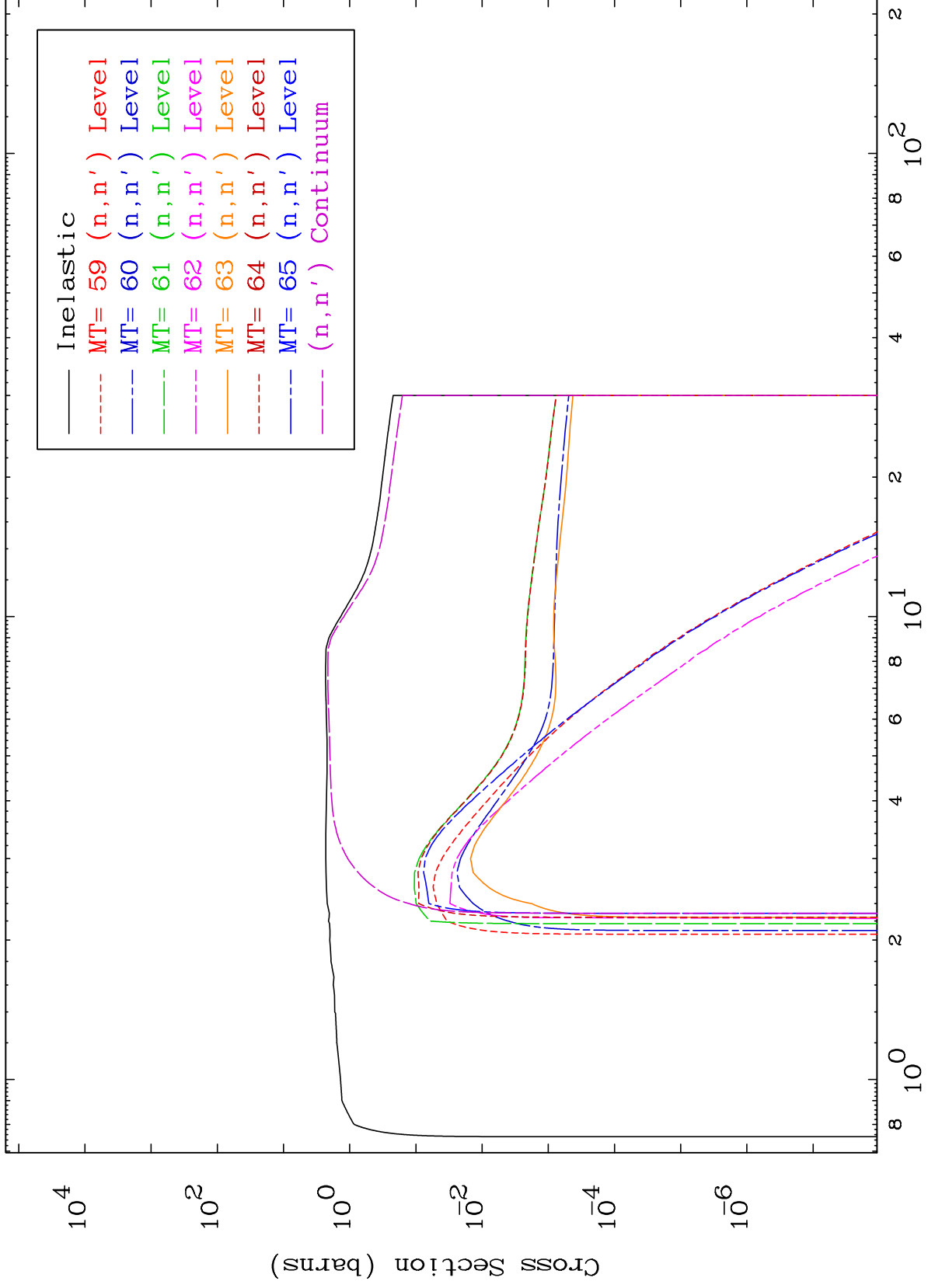
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MAT 6231

(n,n') Levels

62-Sm-146

293 Kelvin Cross Sections



9

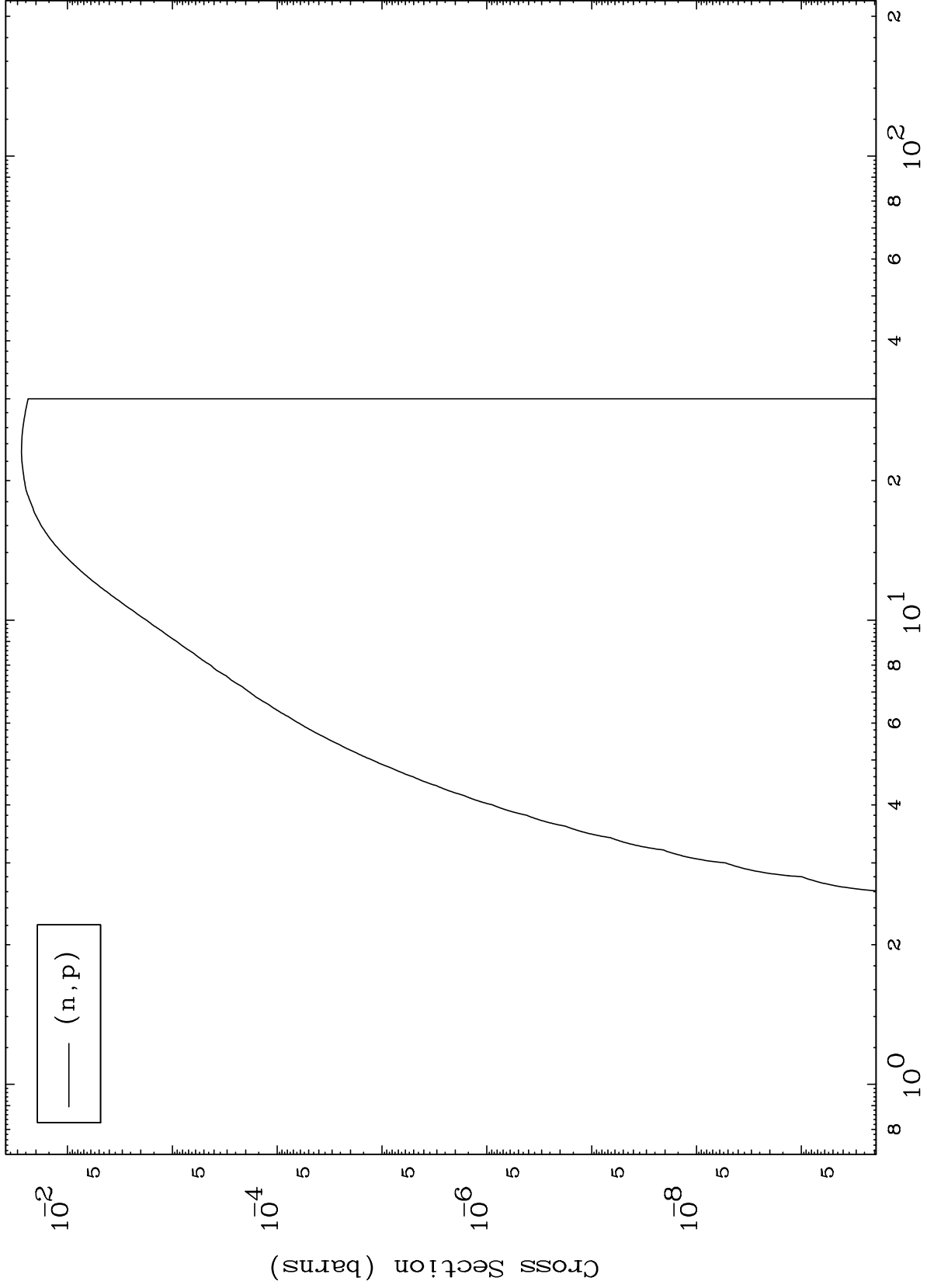
Incident Energy (MeV)

62-Sm-146

MAT 6231

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-146



10

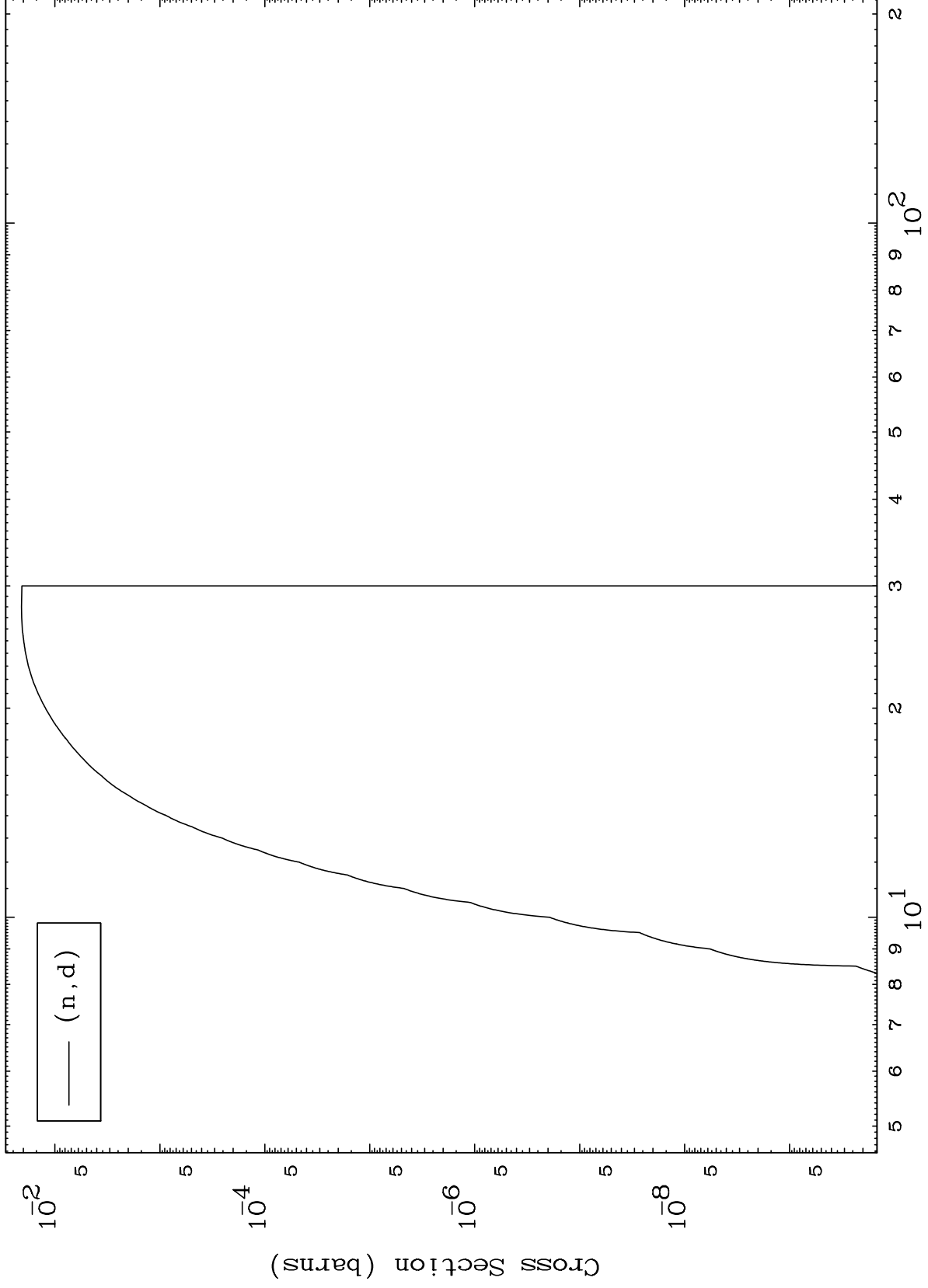
Incident Energy (MeV)

62-Sm-146

MAT 6231

(n,d) Levels
293 Kelvin Cross Sections

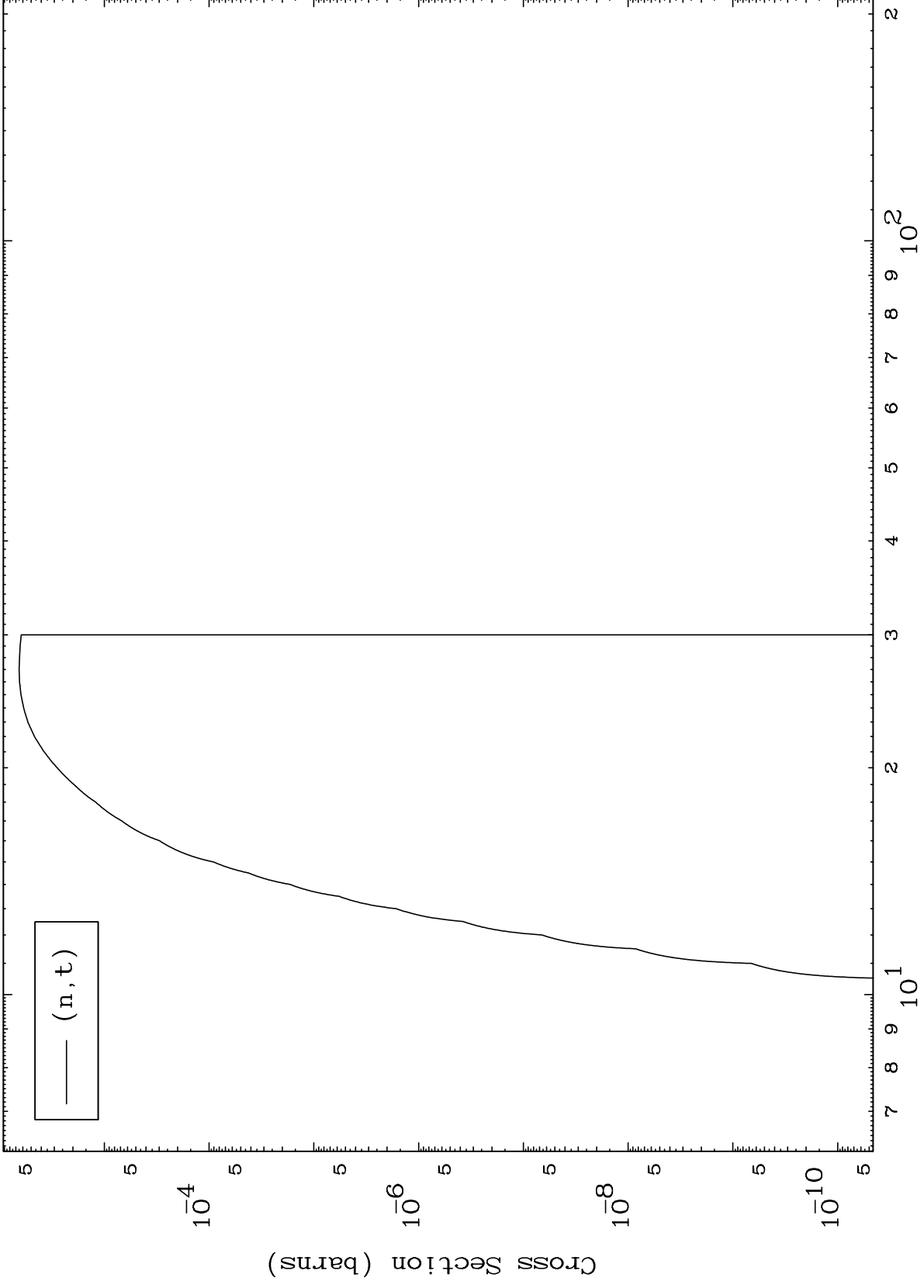
62-Sm-146



MAT 6231

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-146



12

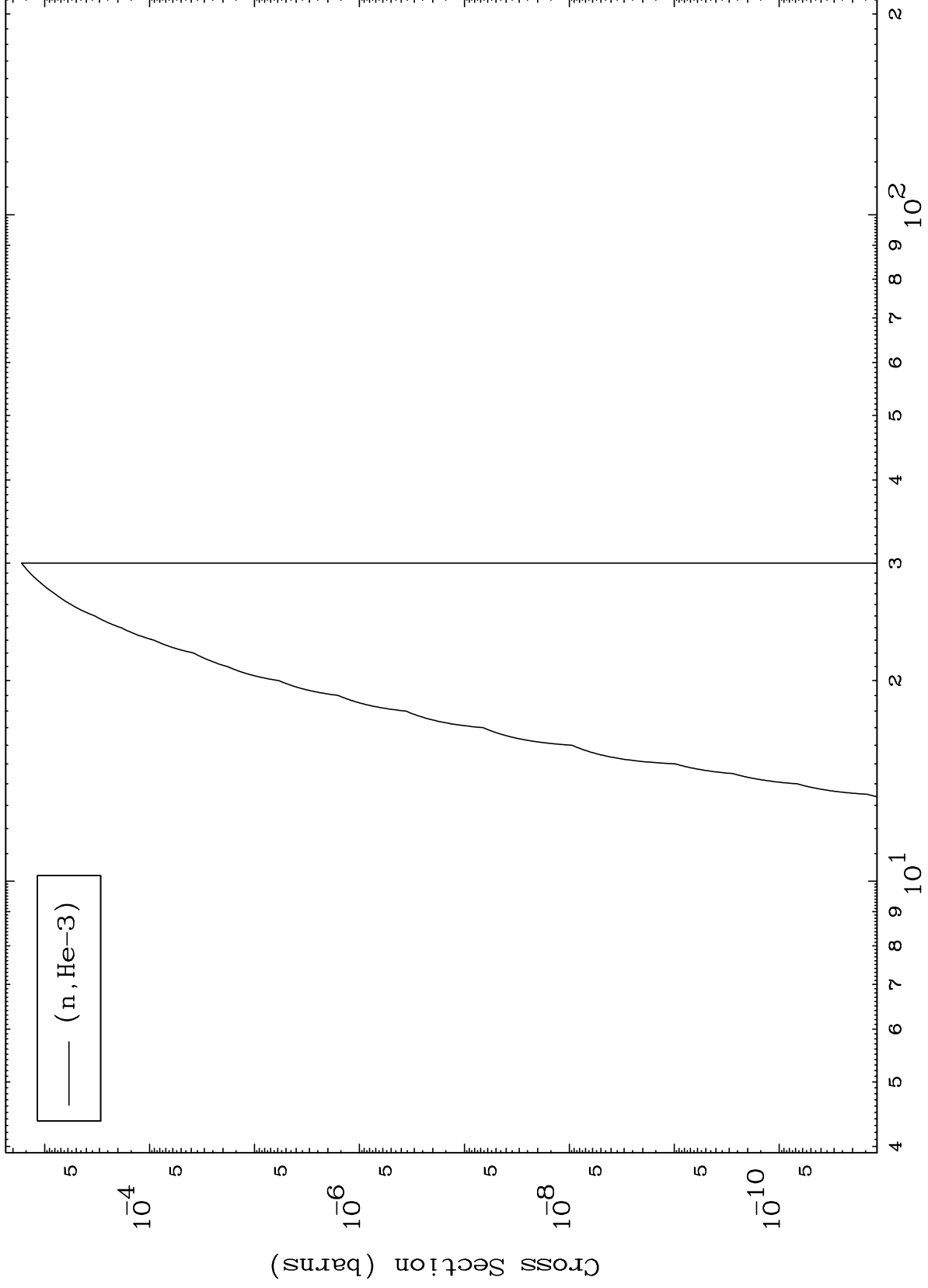
Incident Energy (MeV)

62-Sm-146

MAT 6231

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-146

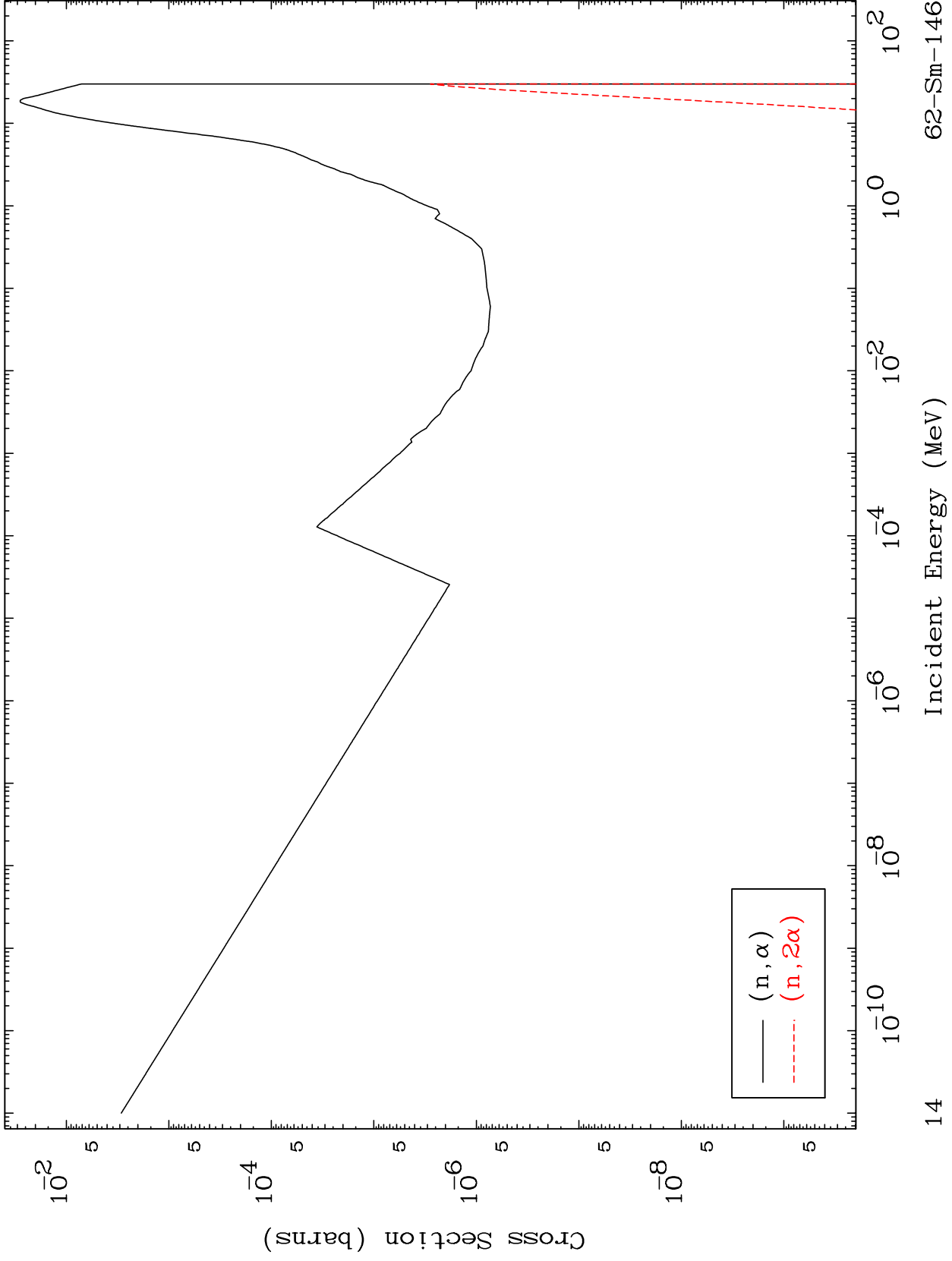


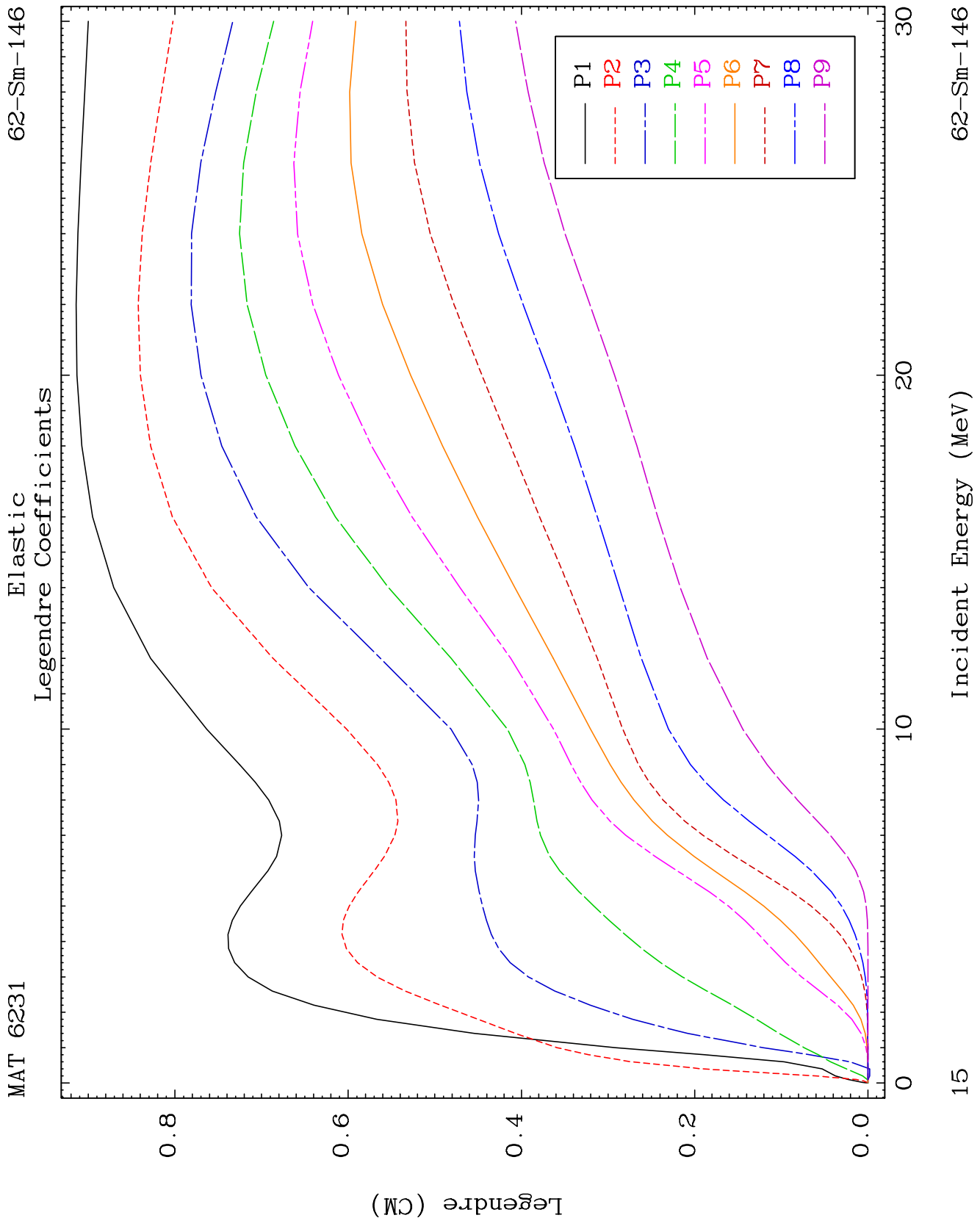
— (n, He-3)

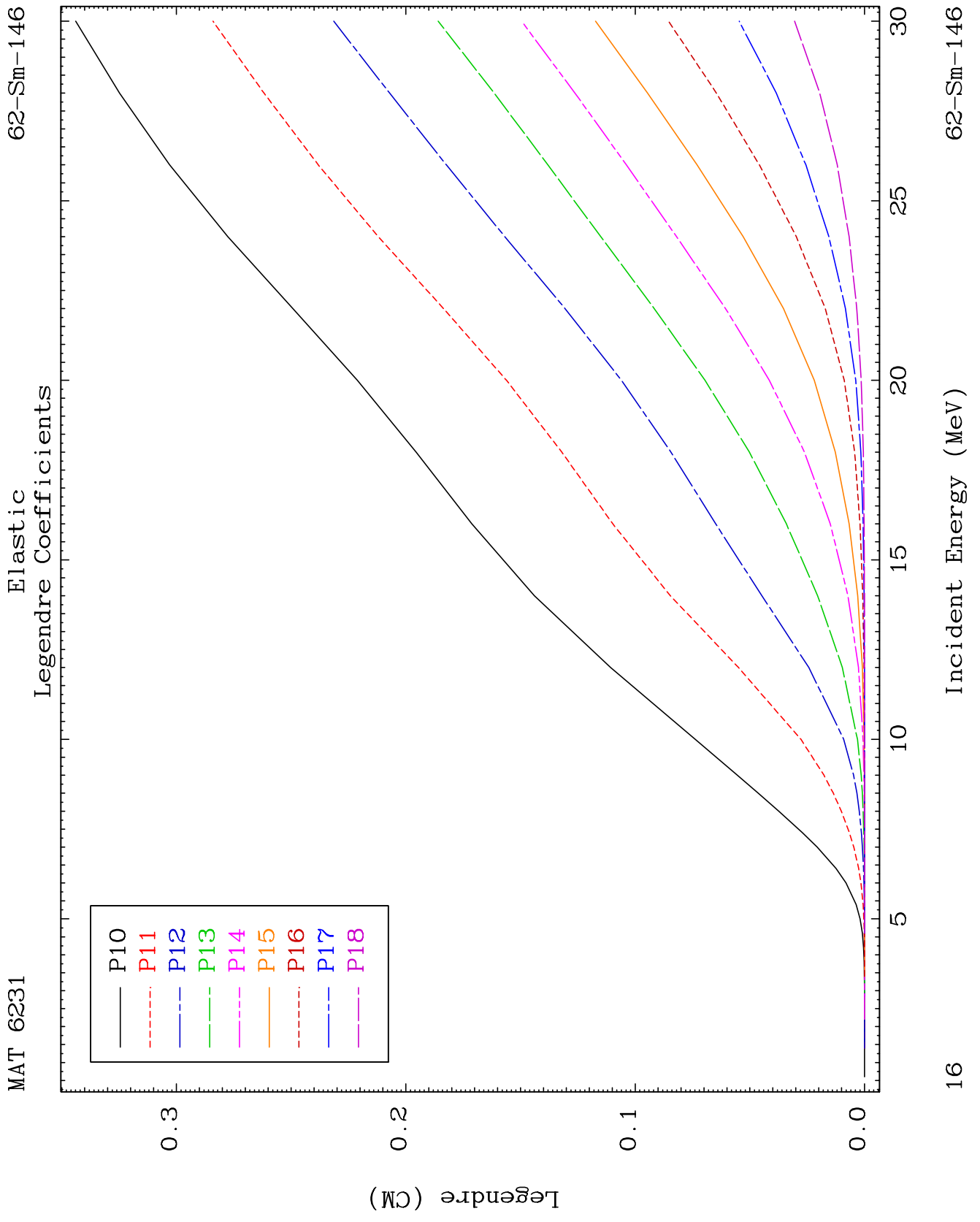
MAT 6231

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-146



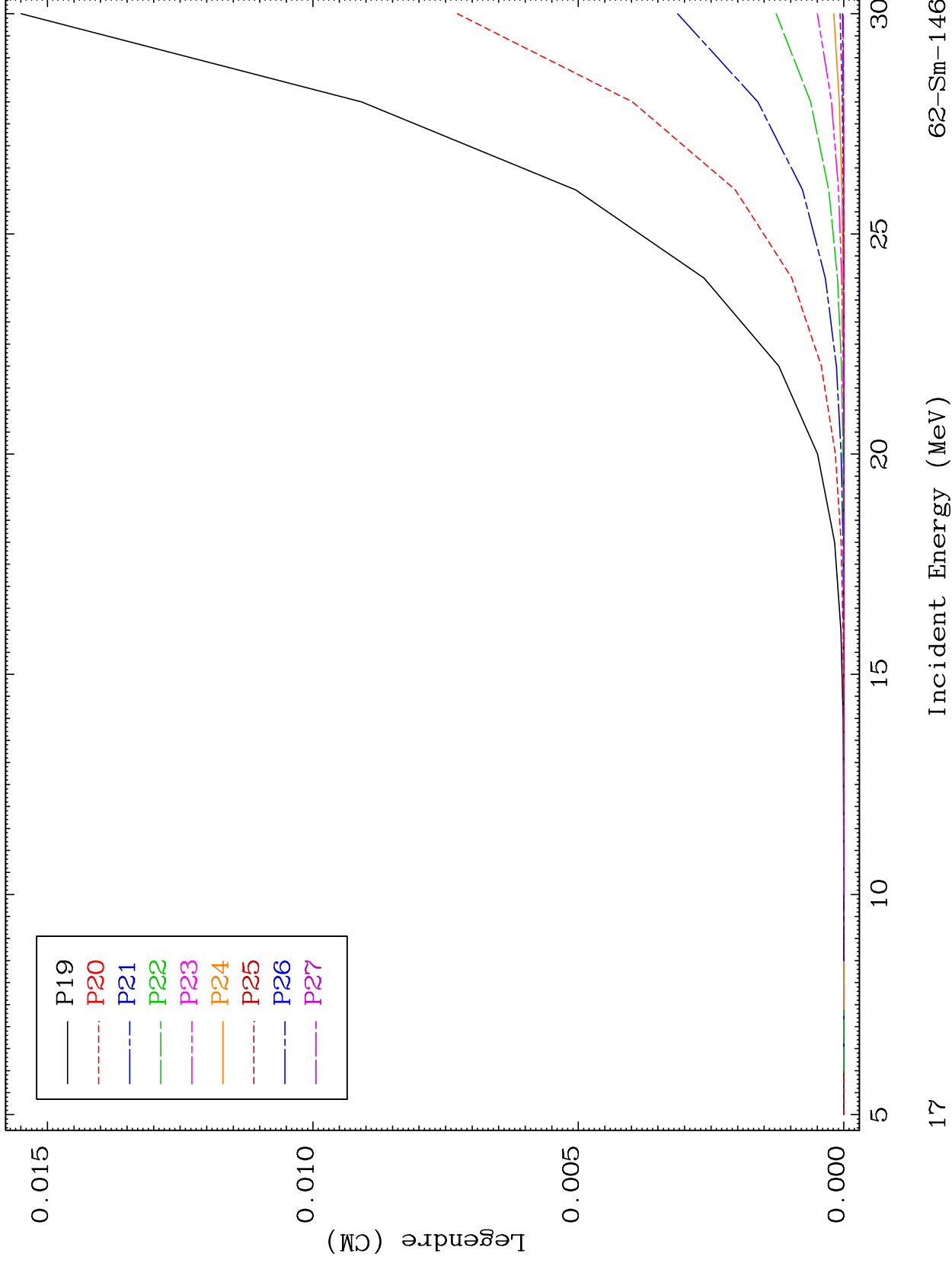




MAT 6231

Elastic Legendre Coefficients

62-Sm-146



17

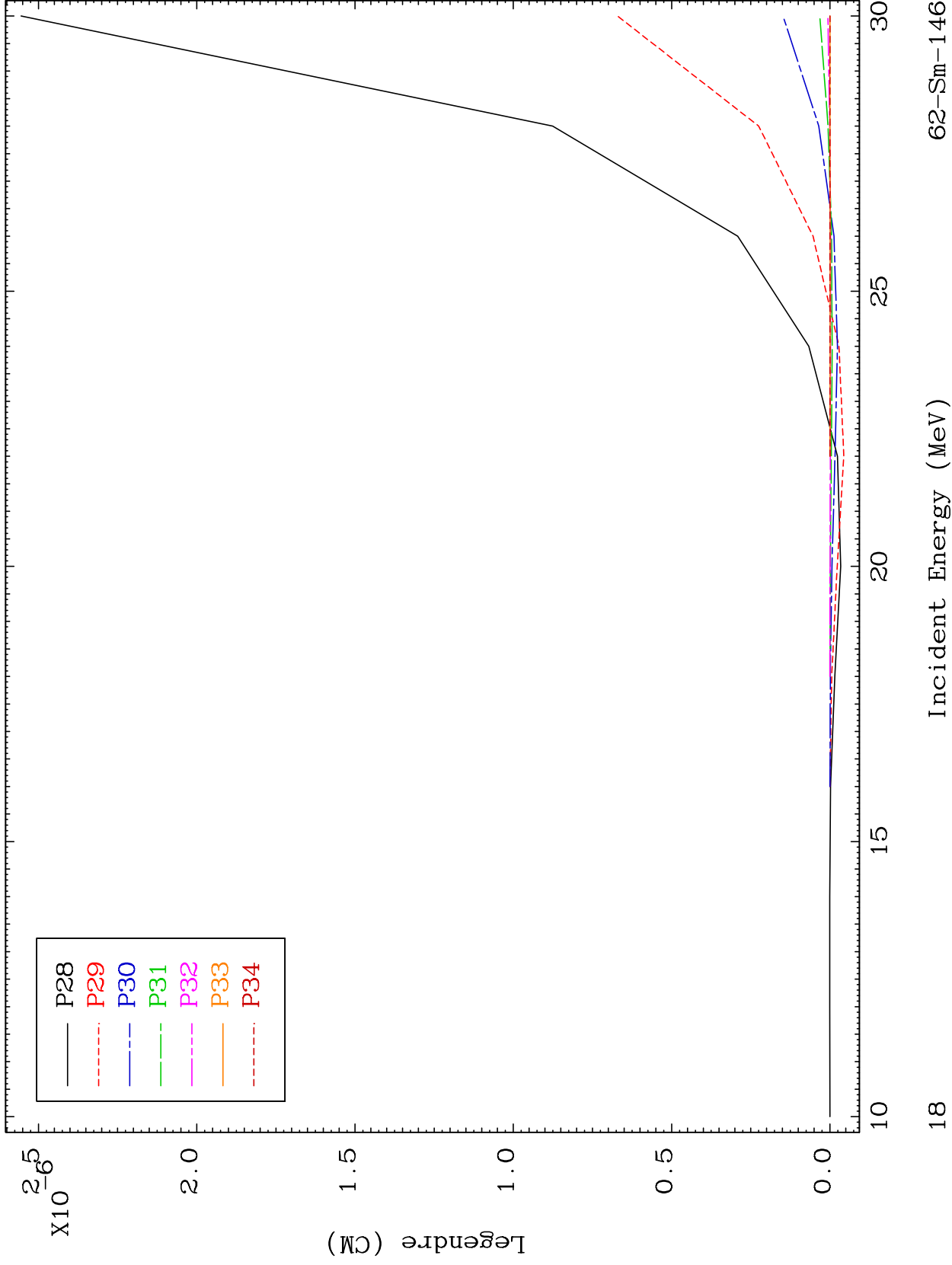
Incident Energy (MeV)

62-Sm-146

MAT 6231

Elastic
Legendre Coefficients

⁶²Sm-146



18

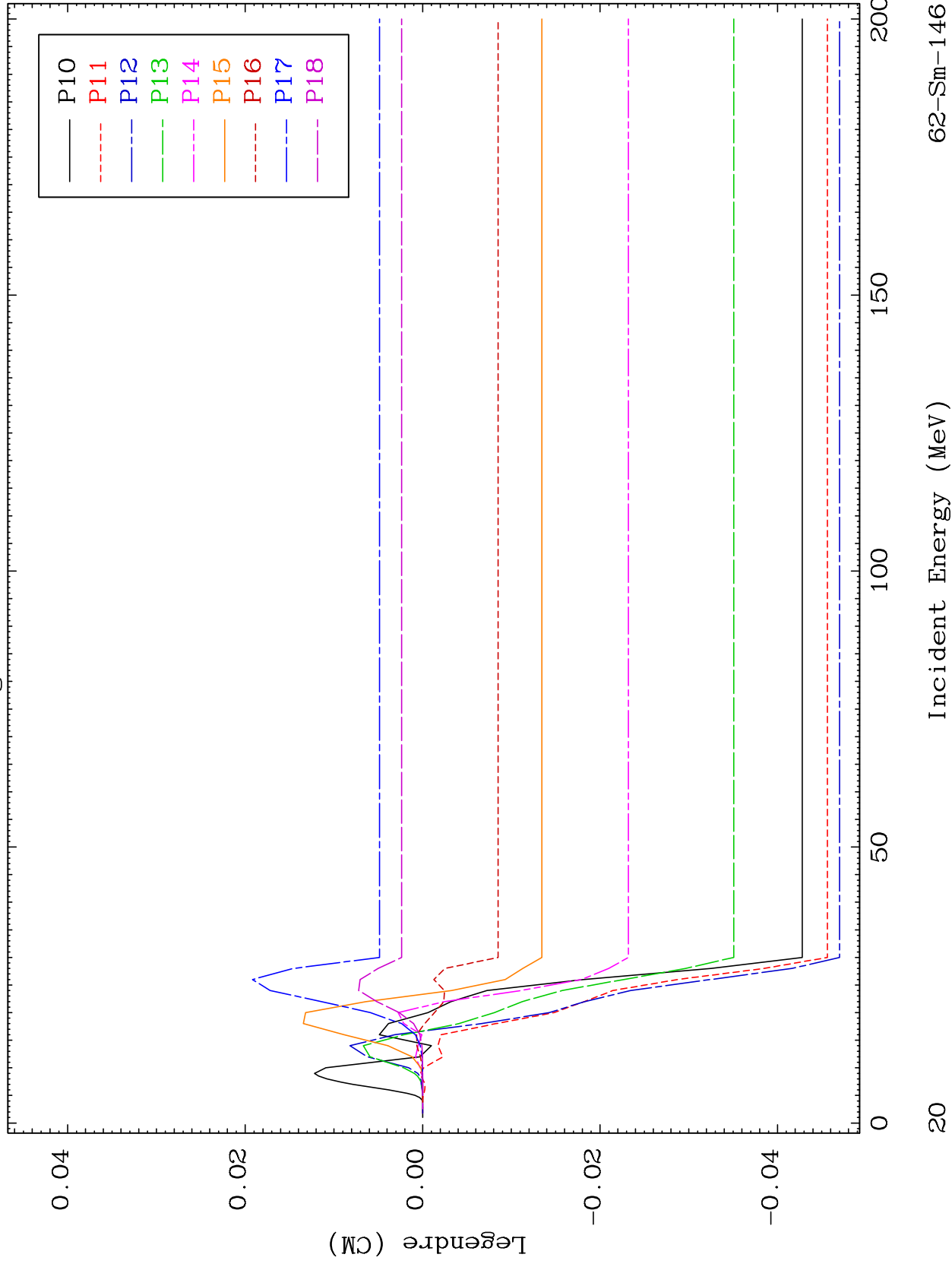
Incident Energy (MeV)

⁶²Sm-146

MAT 6231

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

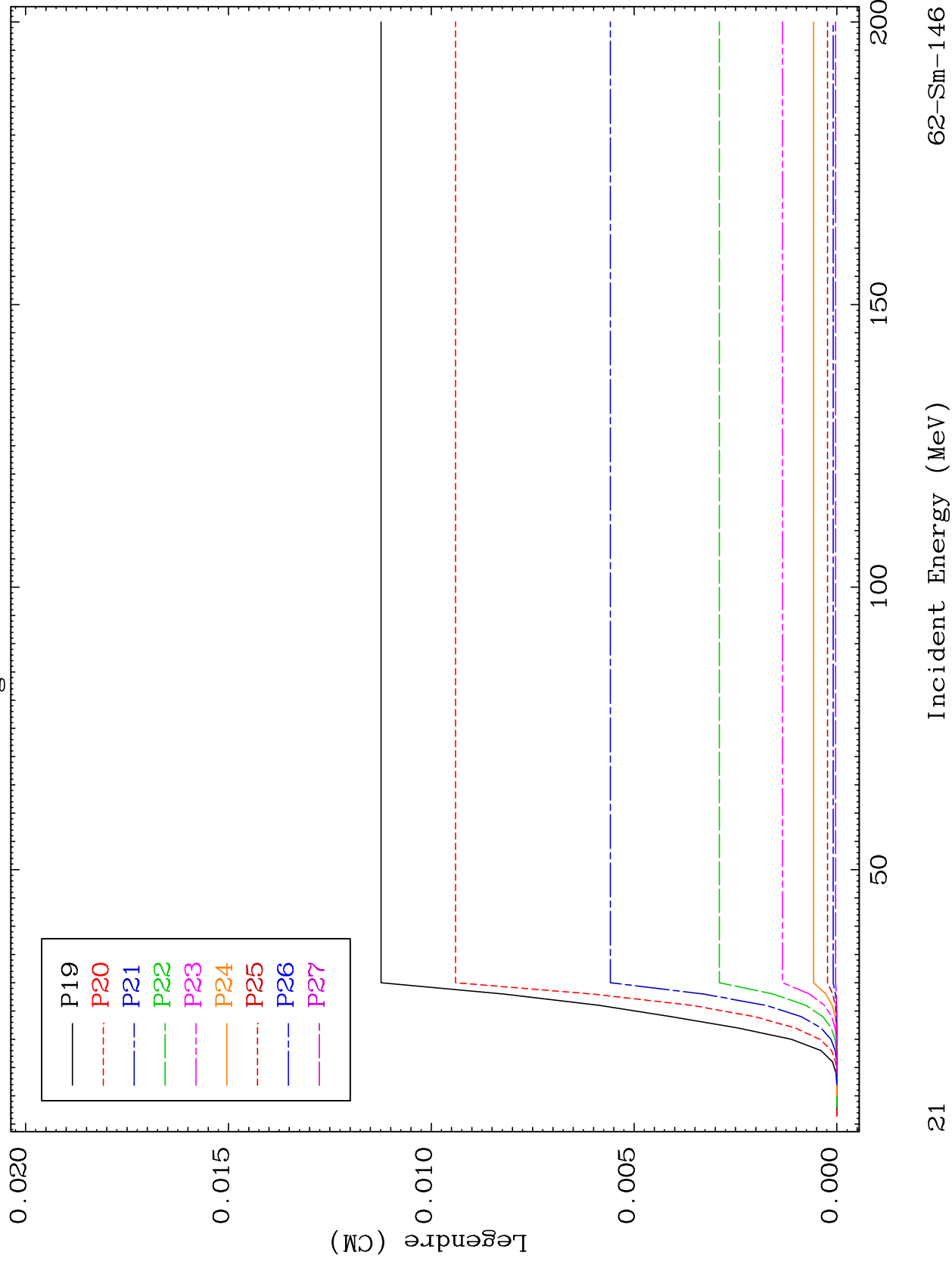
62-Sm-146



MAT 6231

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

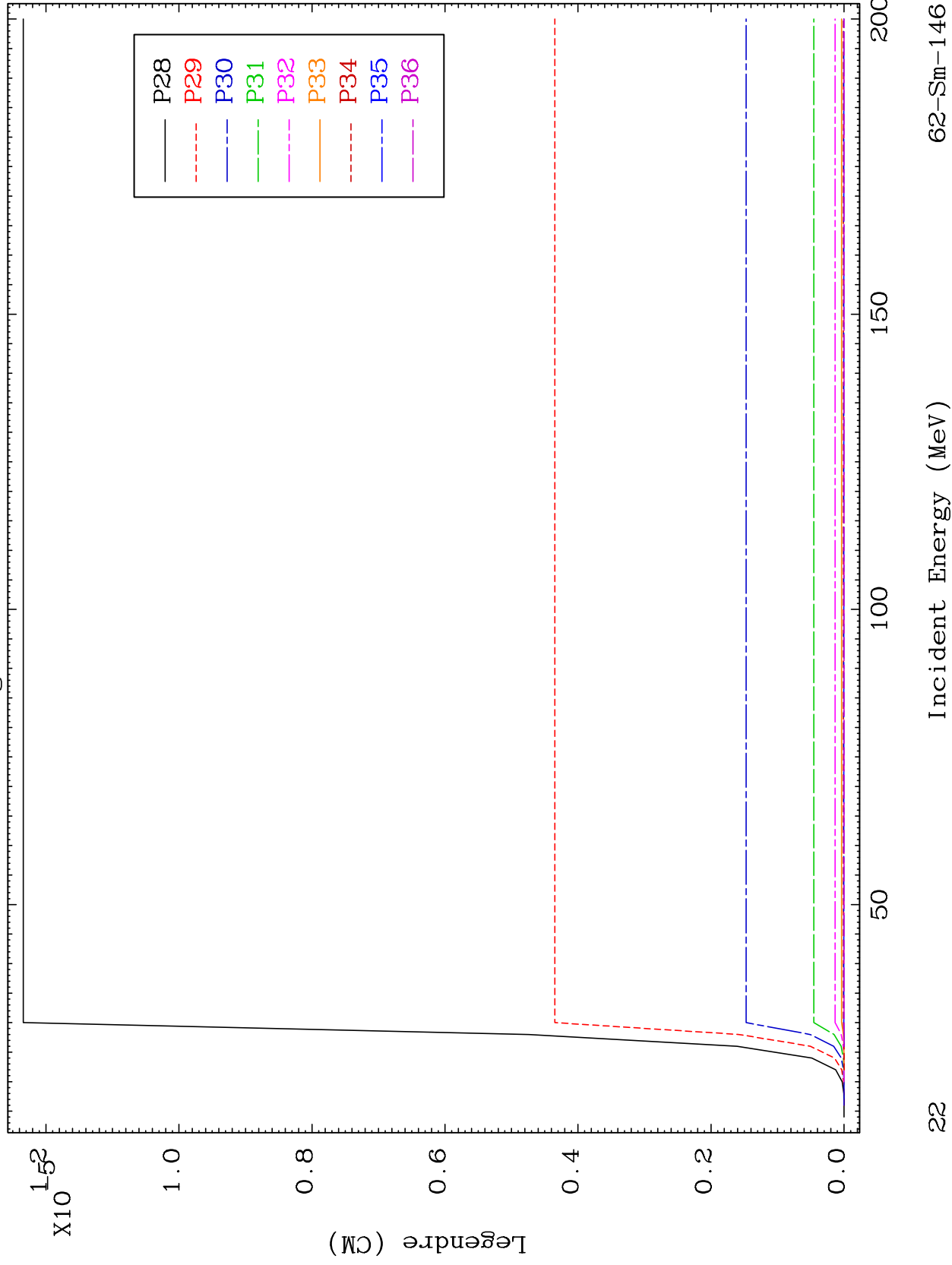
62-Sm-146



MAT 6231

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

62-Sm-146

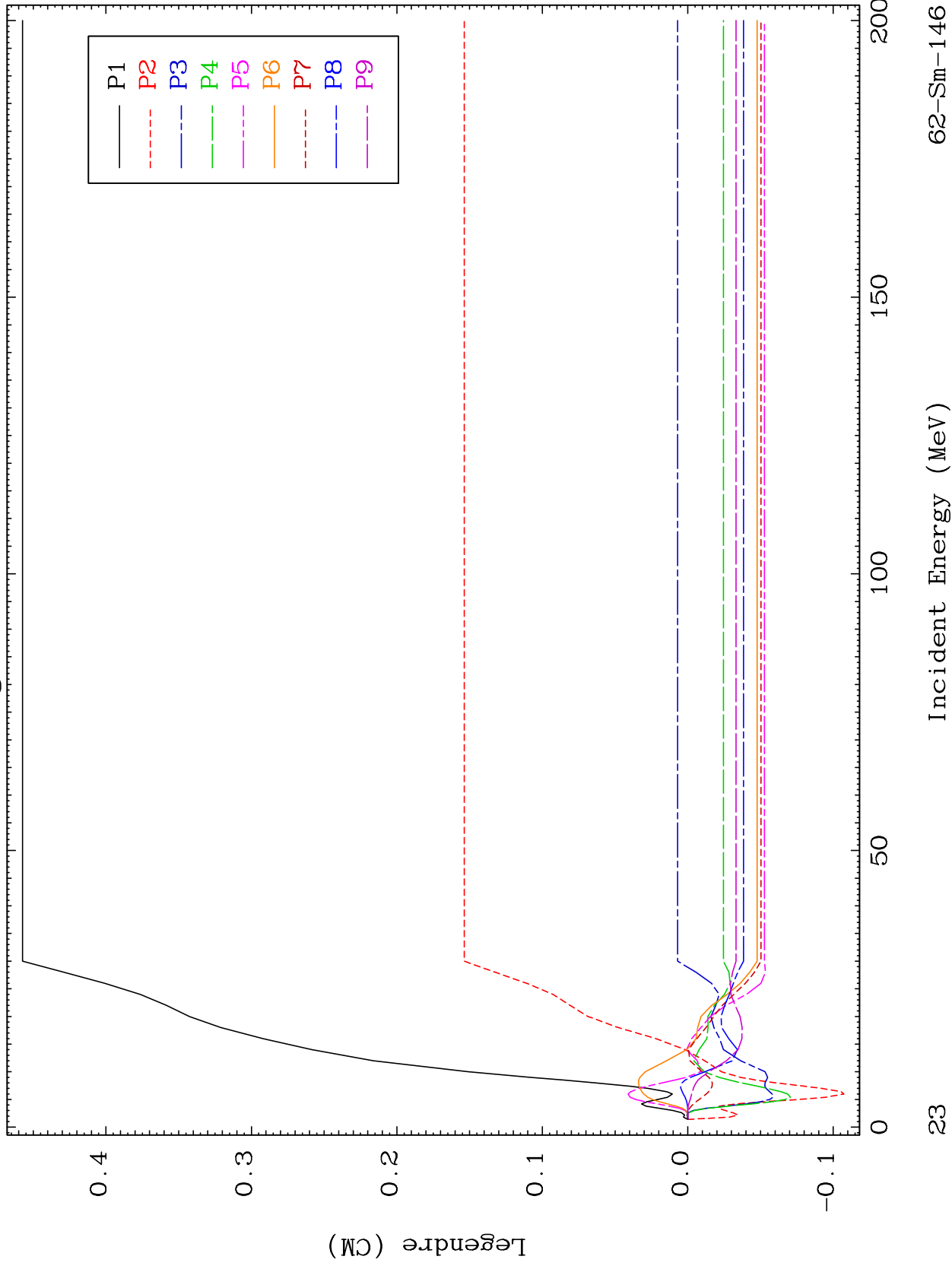


22

MAT 6231

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

62-Sm-146



62-Sm-146

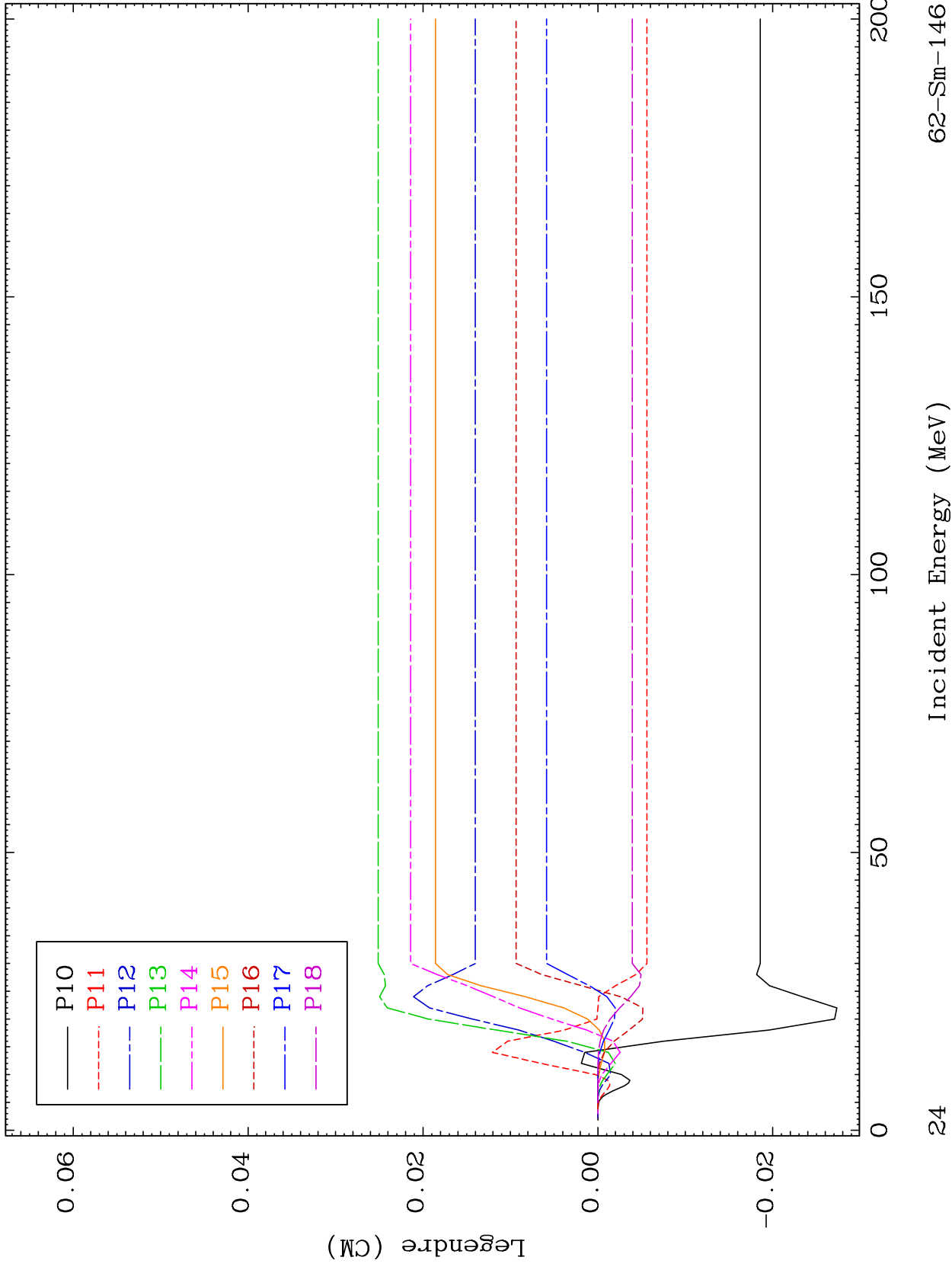
Incident Energy (MeV)

23

MAT 6231

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

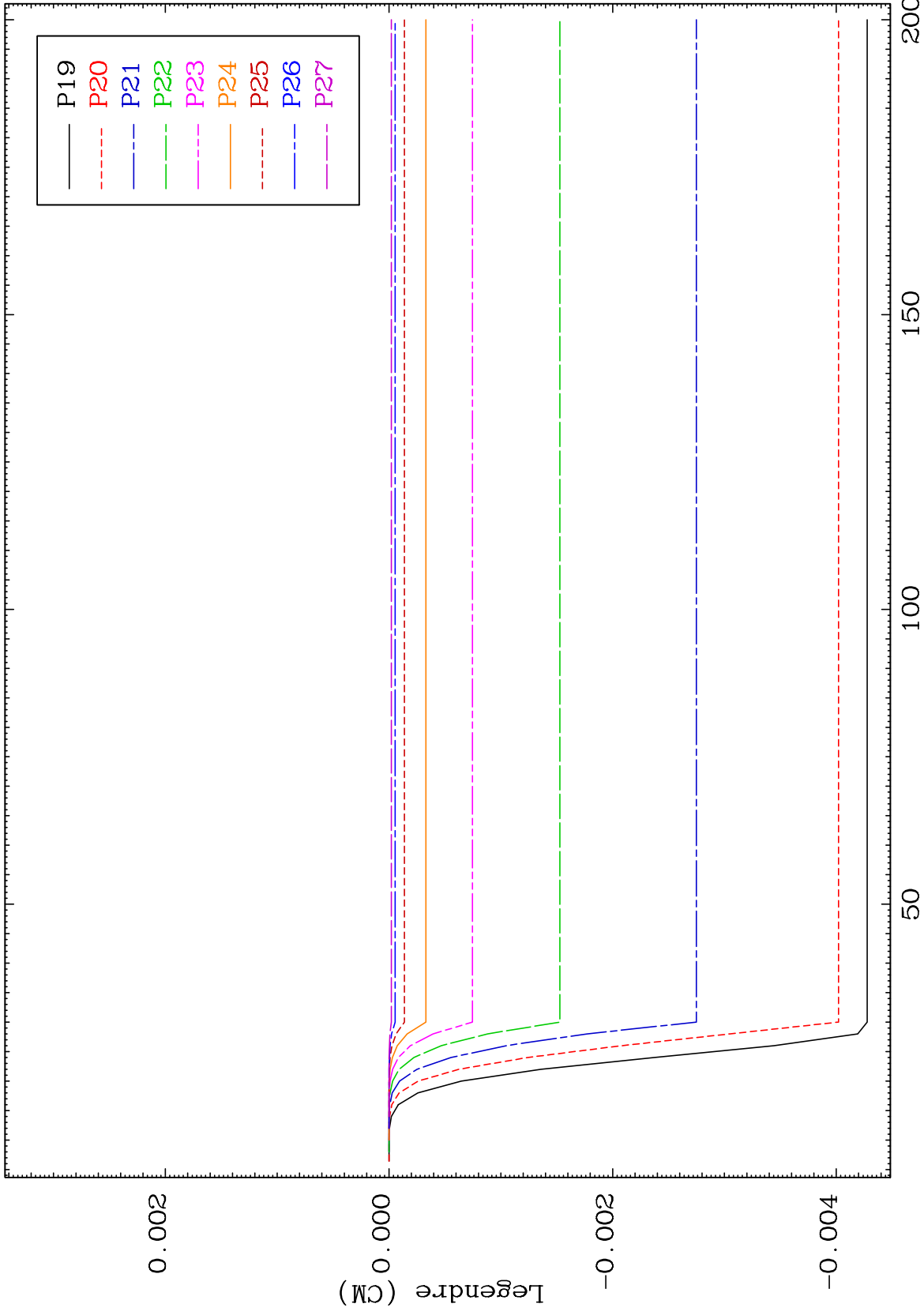
62-Sm-146



MAT 6231

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

62-Sm-146



25

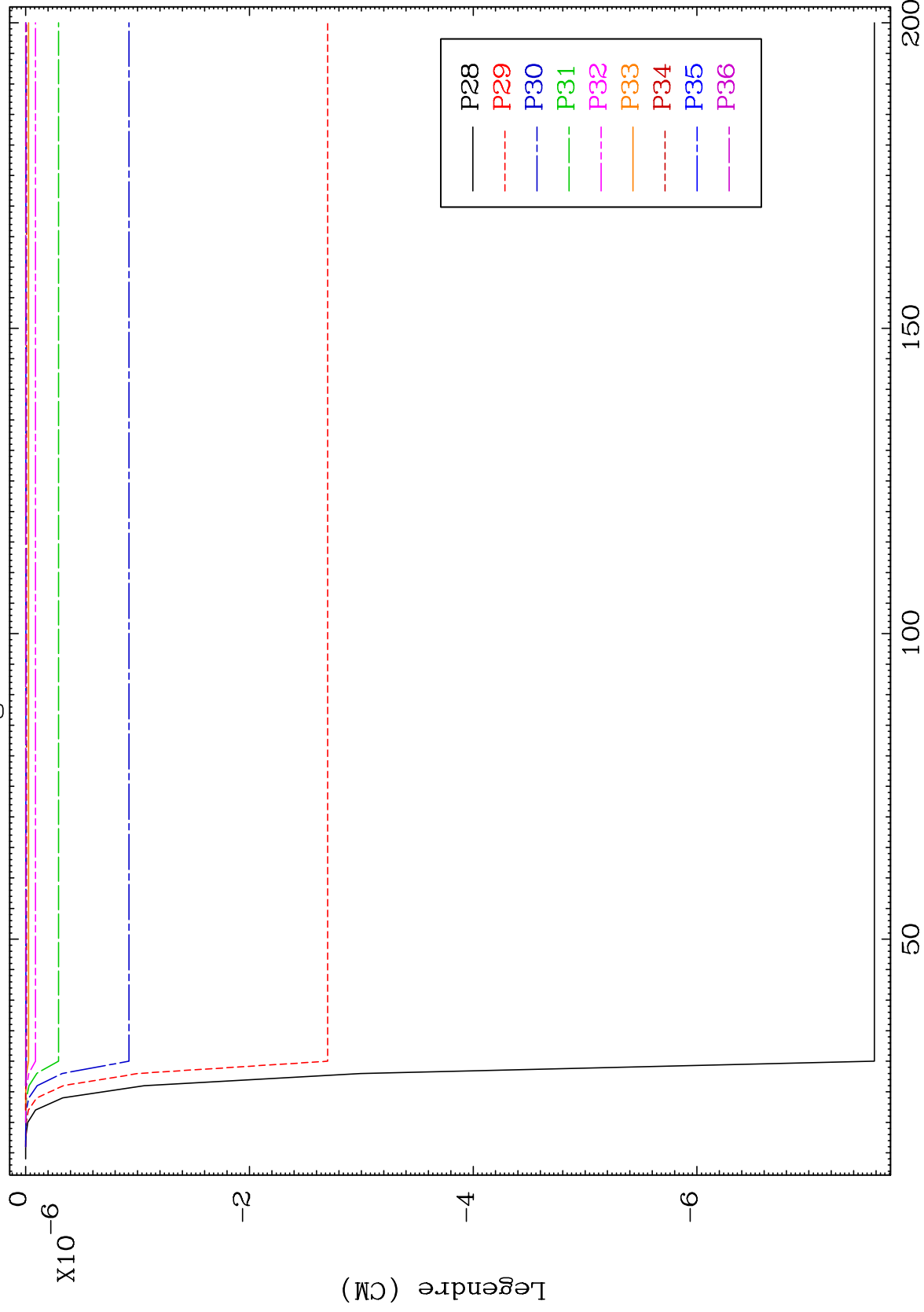
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



26

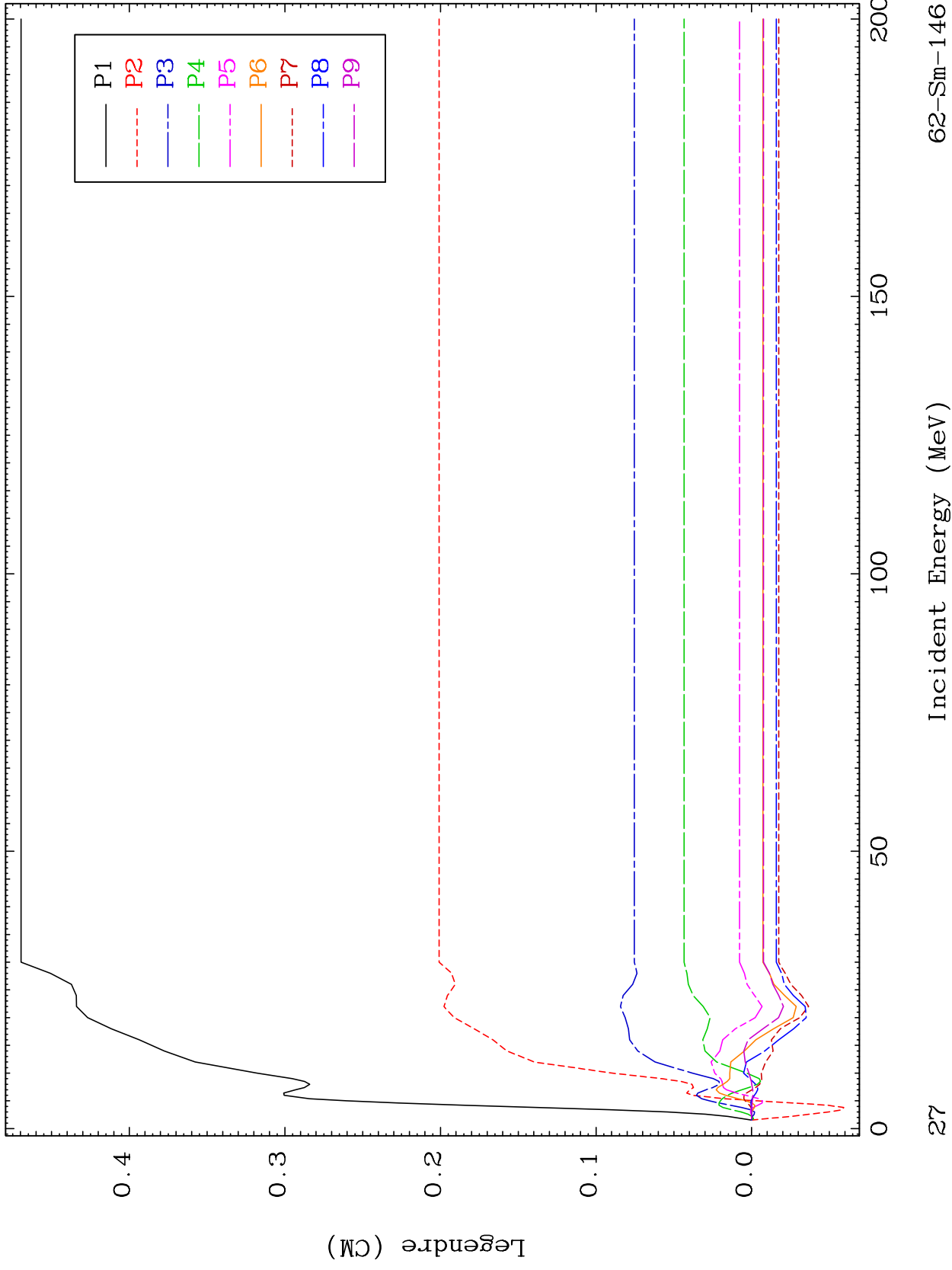
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



62-Sm-146

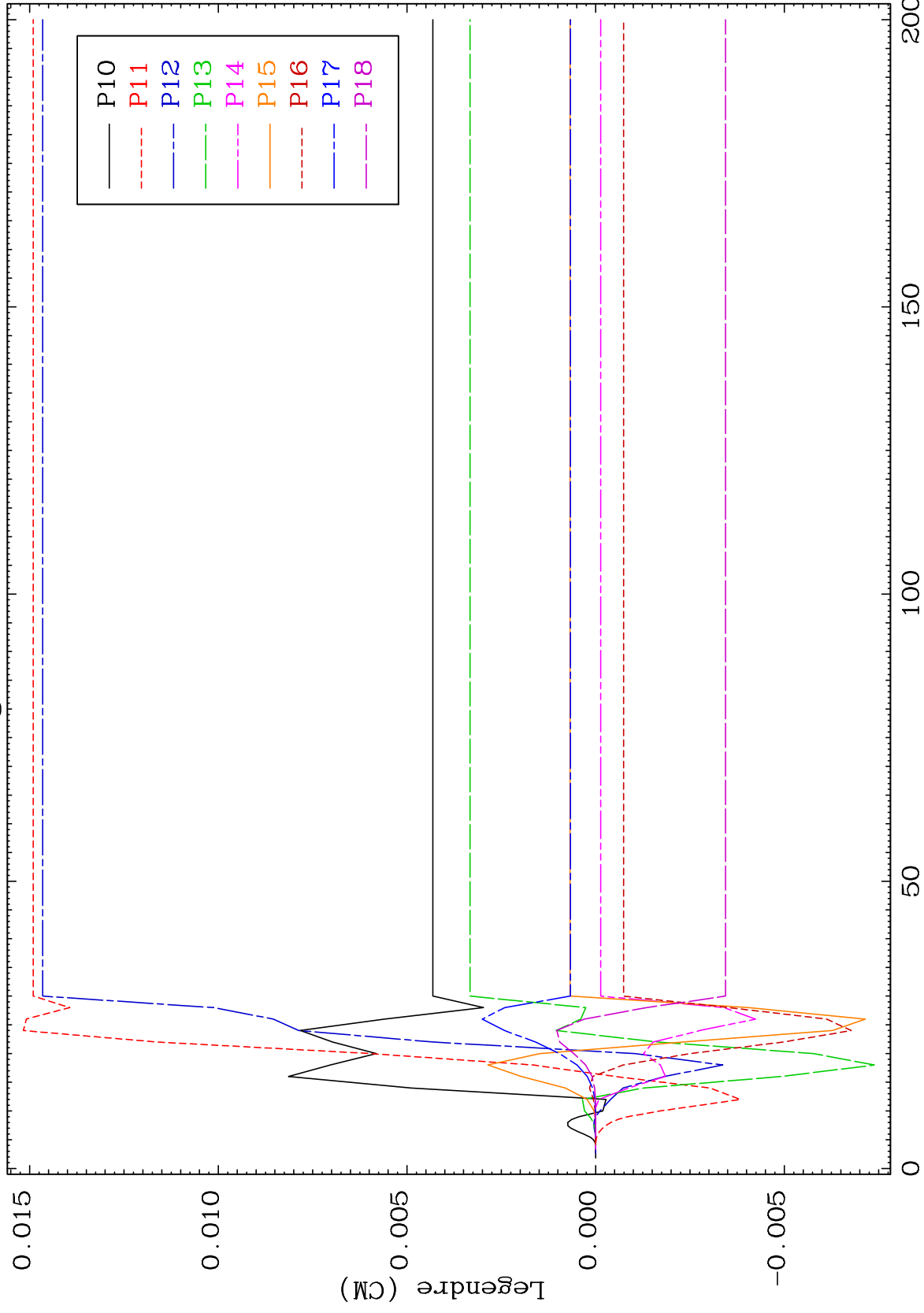
Incident Energy (MeV)

27

MAT 6231

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

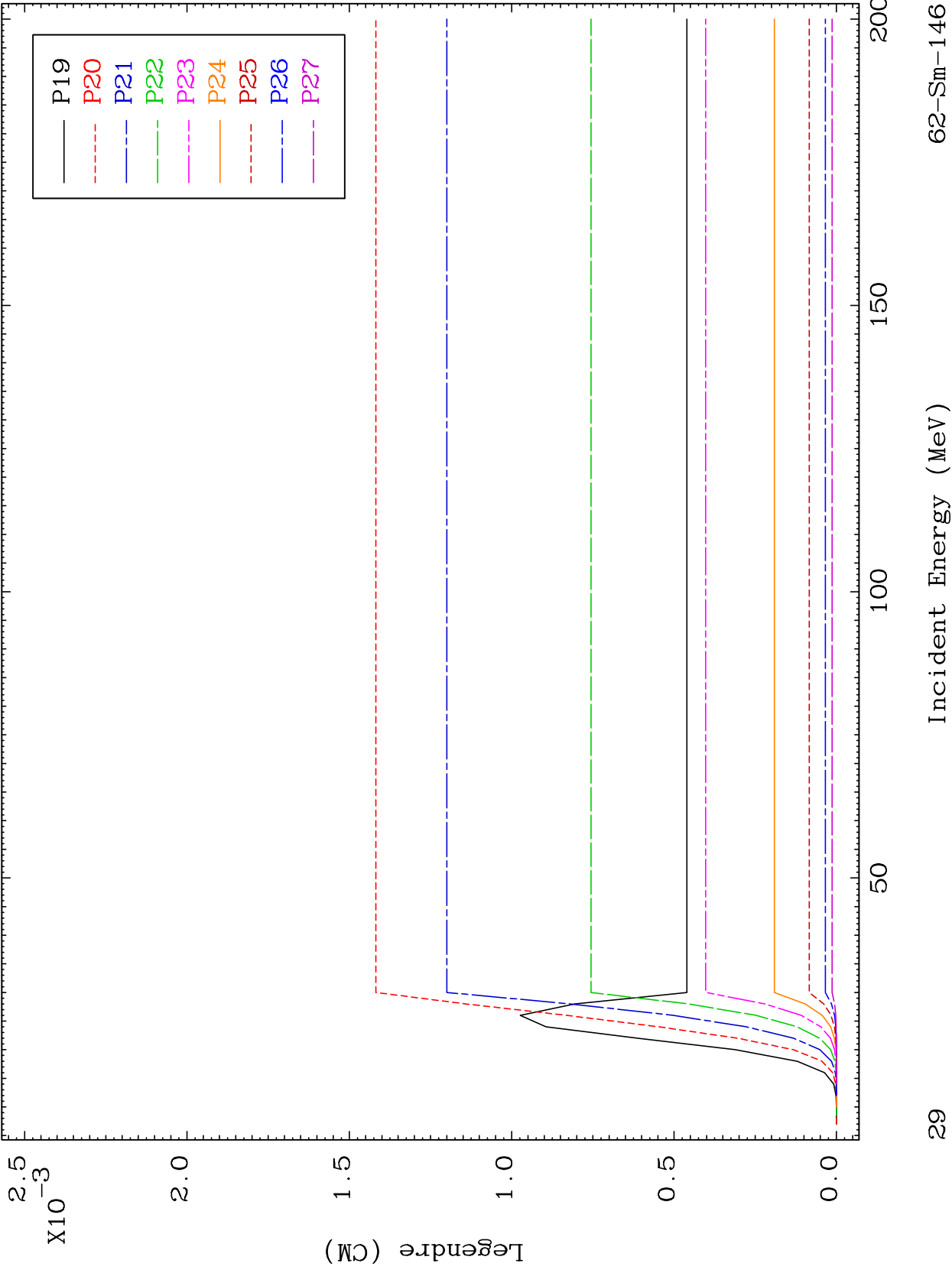
62-Sm-146



28

Incident Energy (MeV)

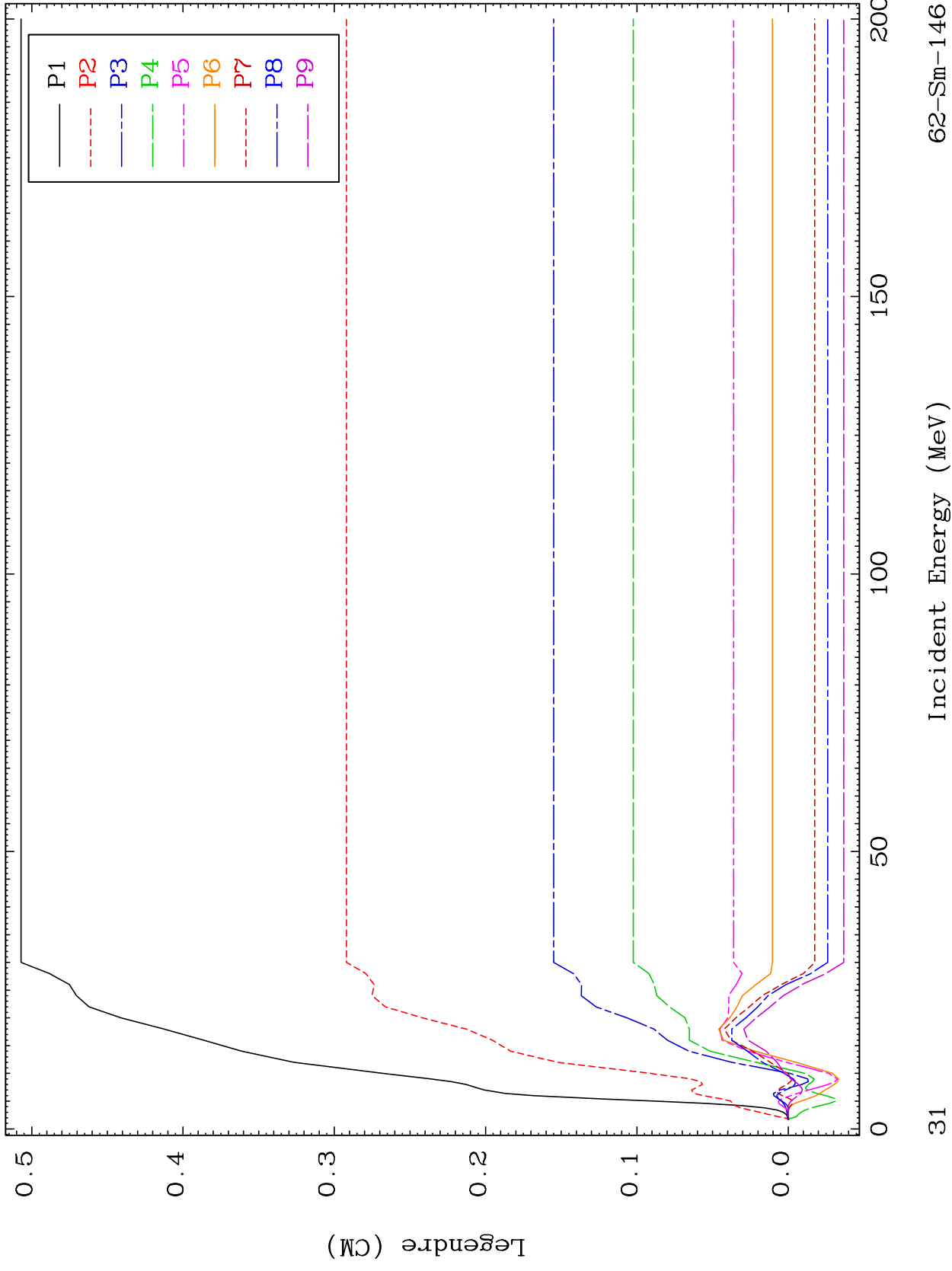
62-Sm-146



MAT 6231

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

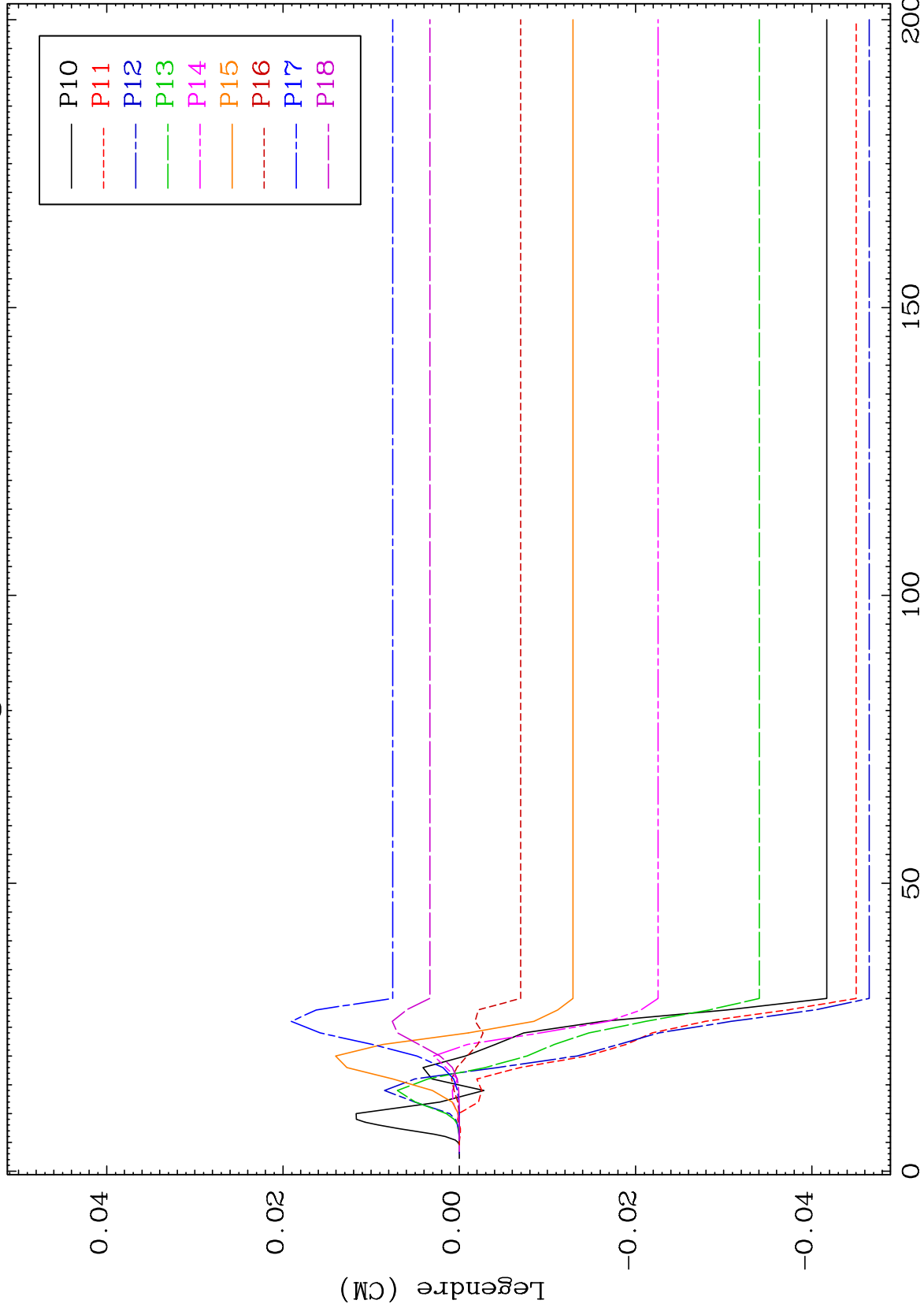
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MAT 6231

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

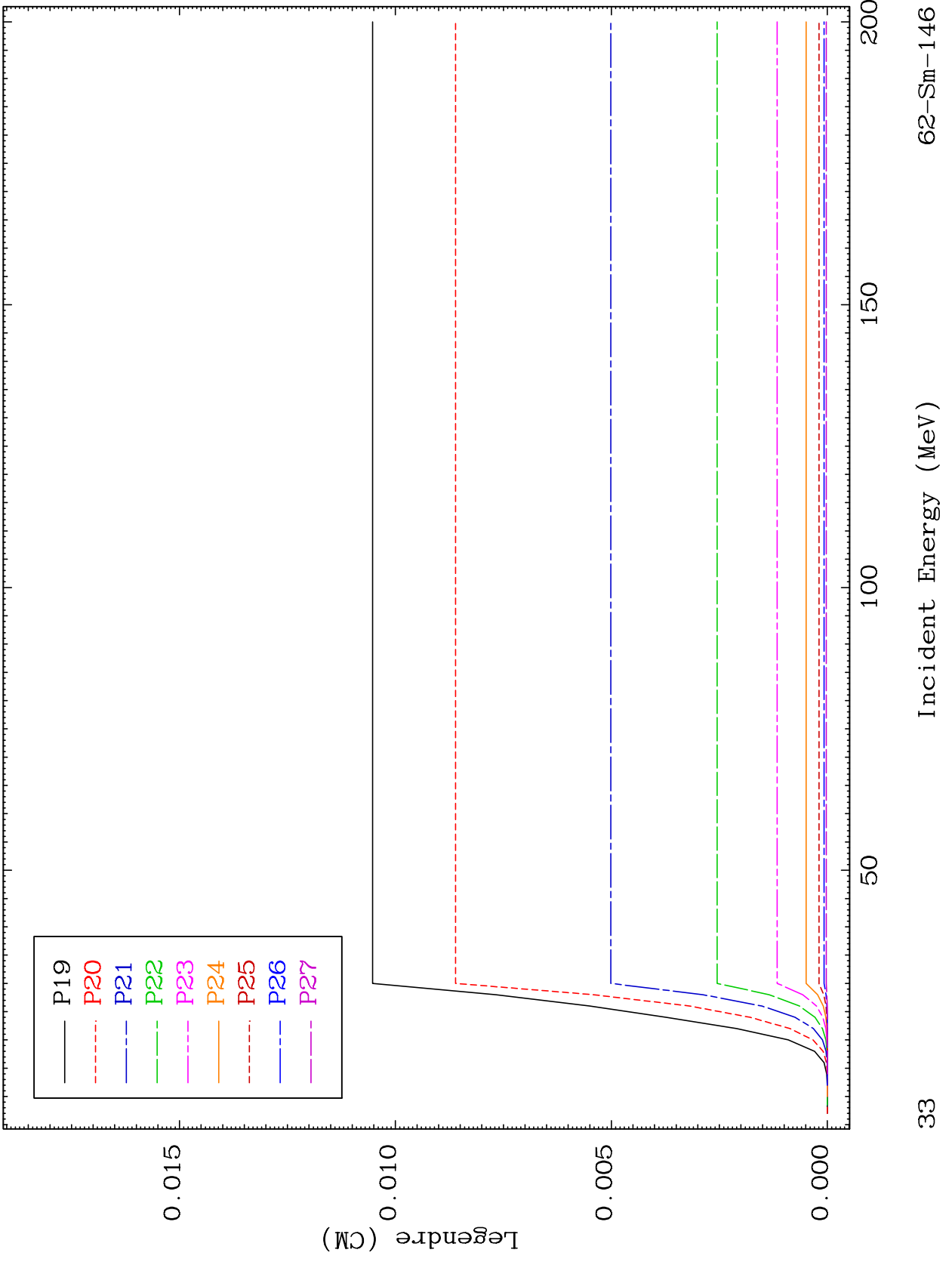
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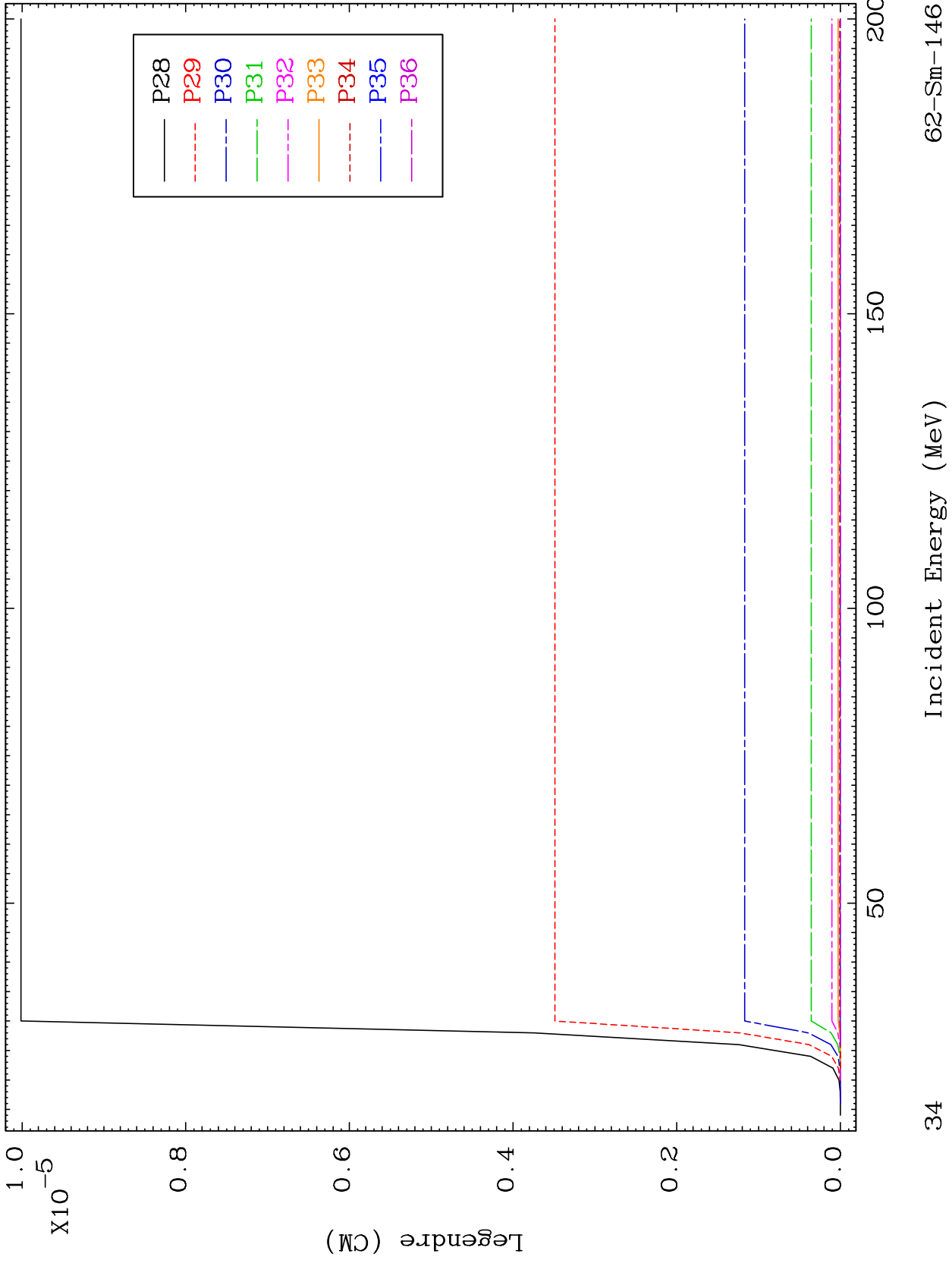


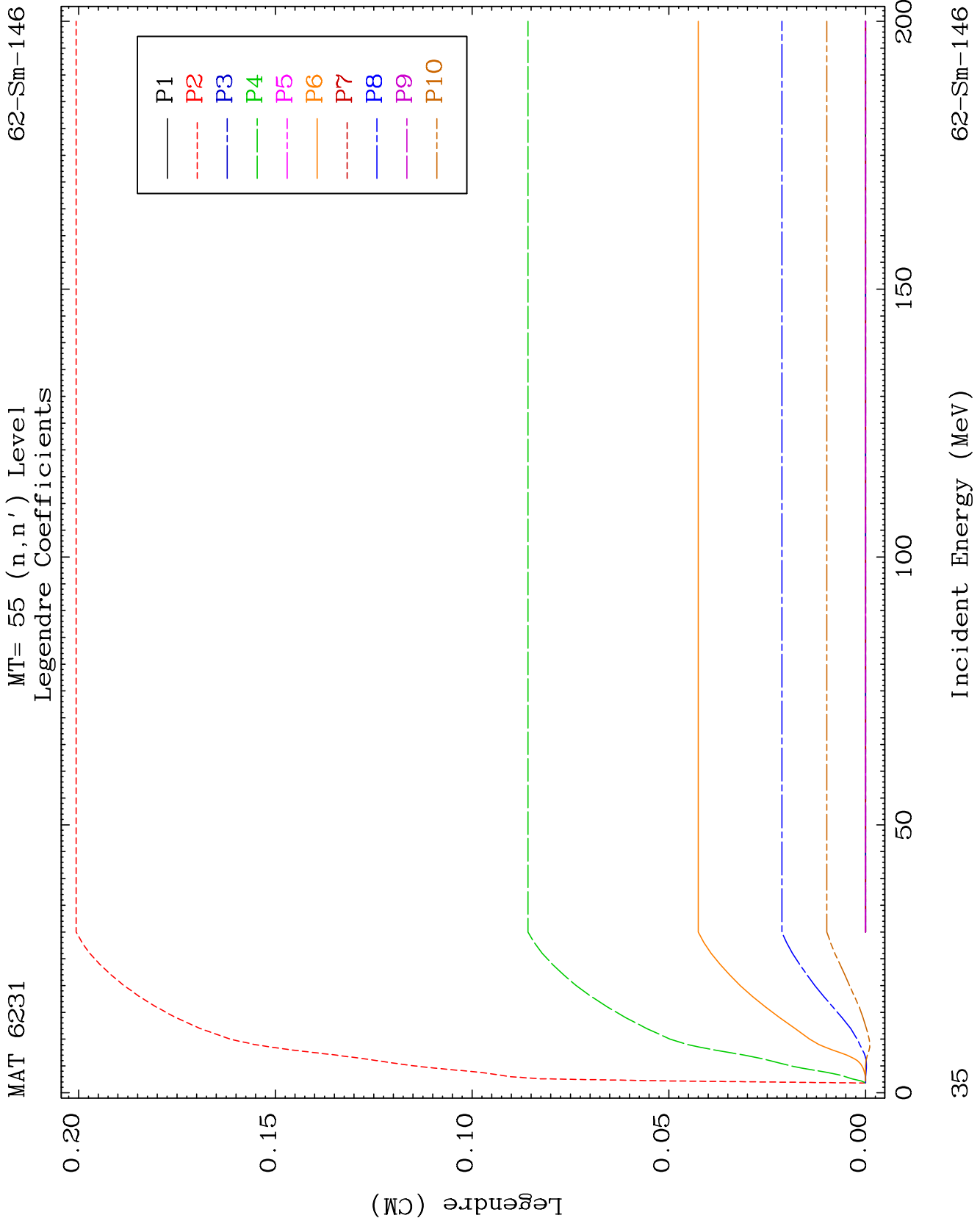
32

Incident Energy (MeV)

62-Sm-146



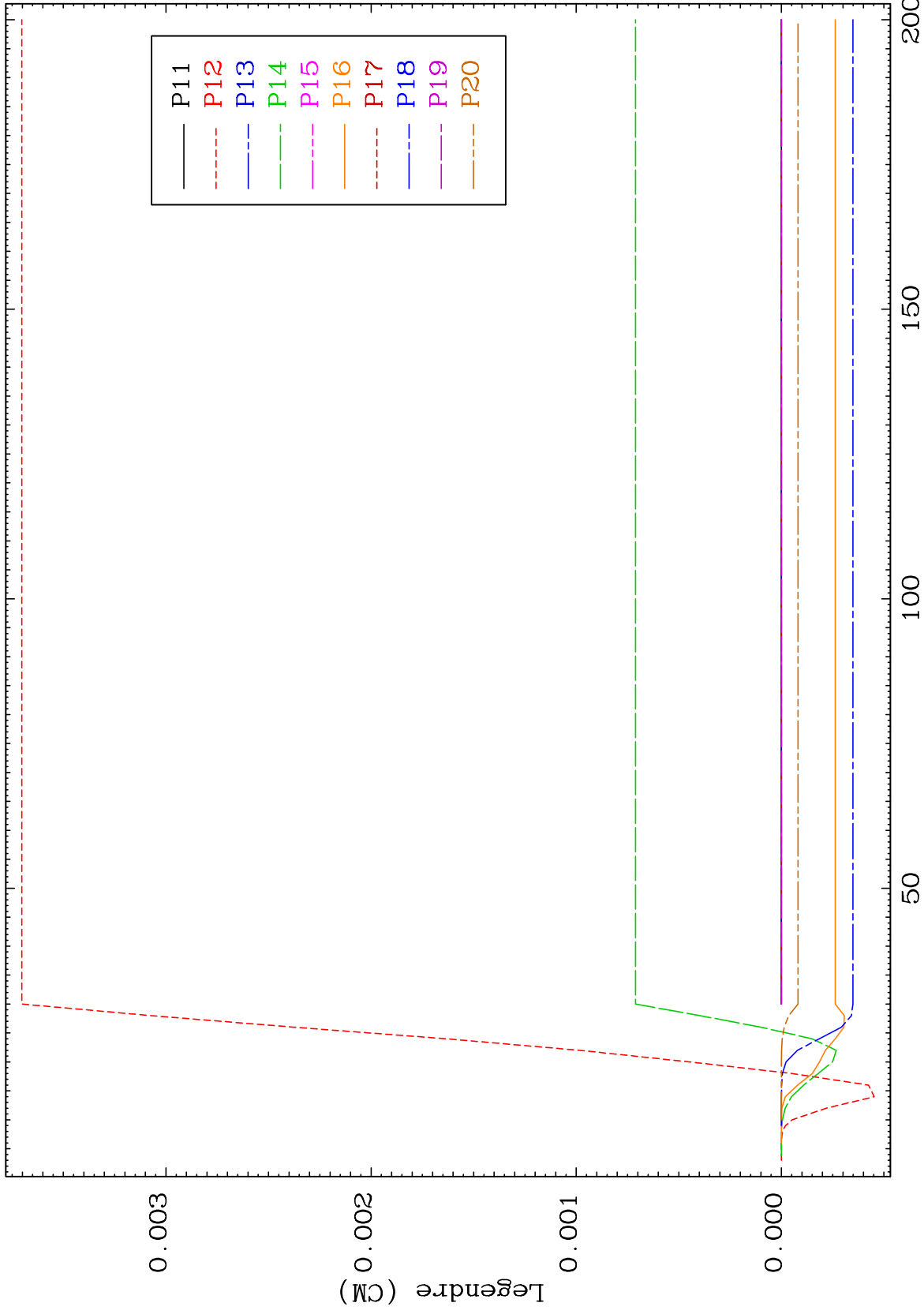




MAT 6231

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

62-Sm-146



36

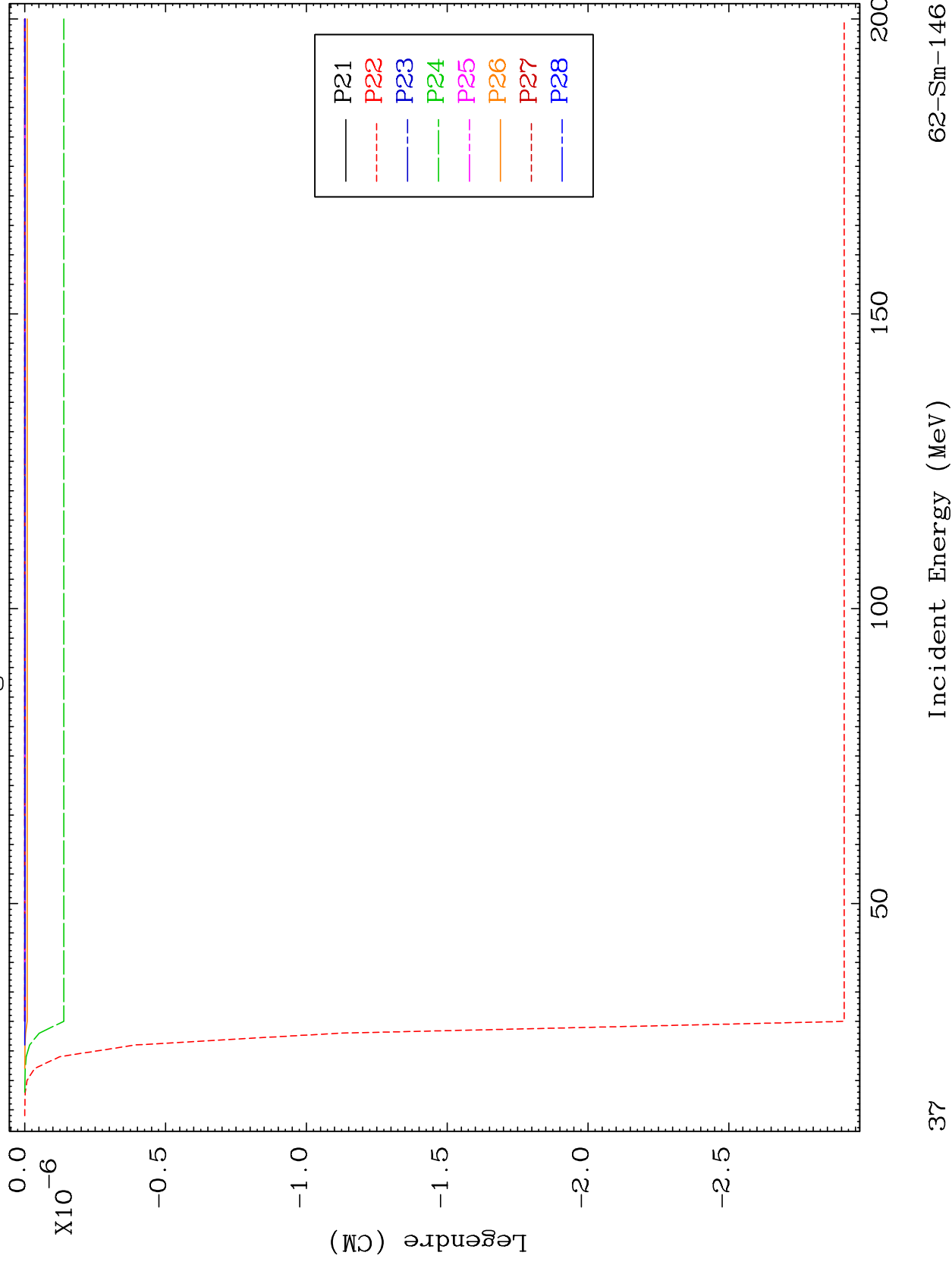
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



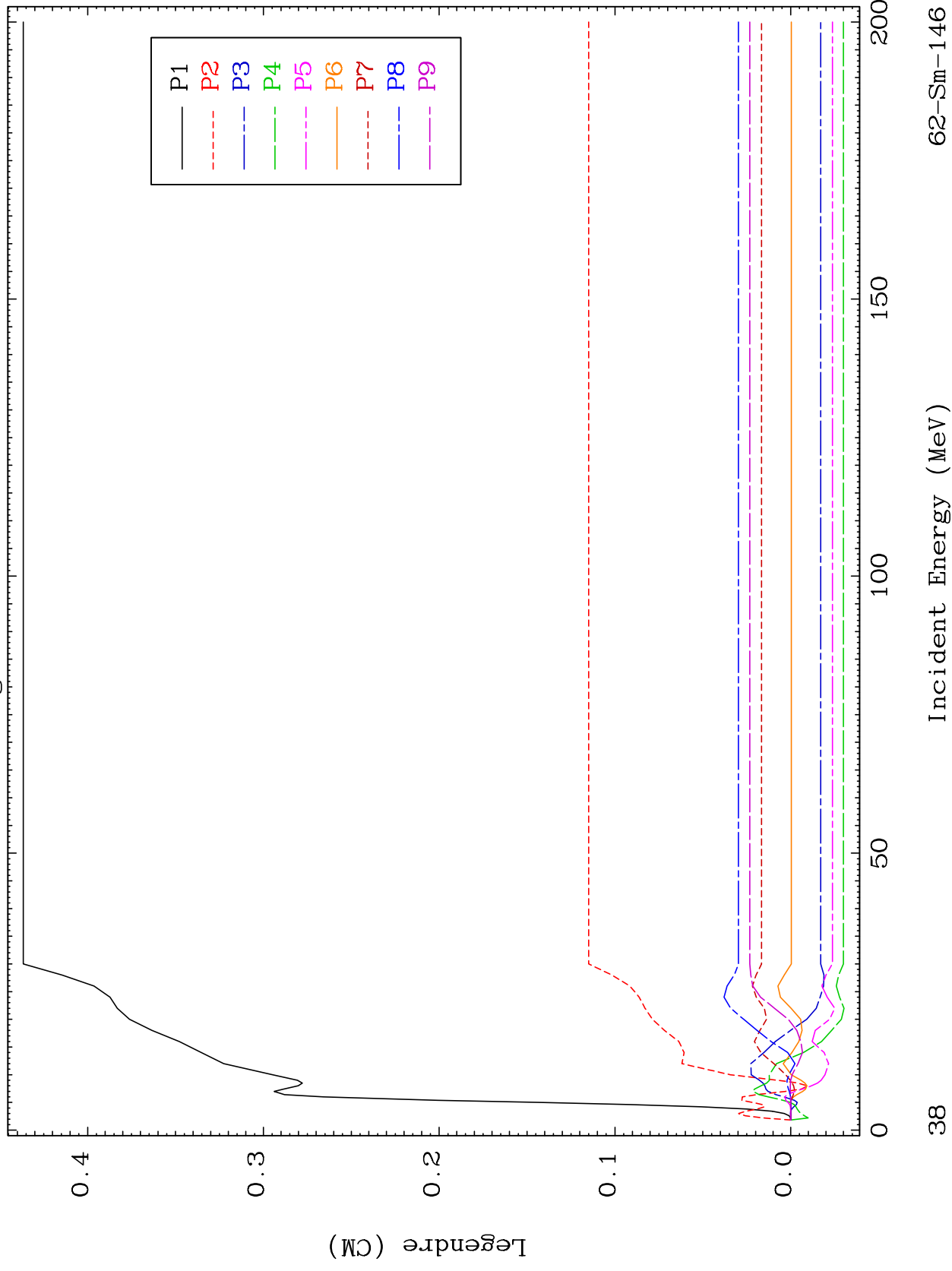
37

62-Sm-146

MAT 6231

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

62-Sm-146



62-Sm-146

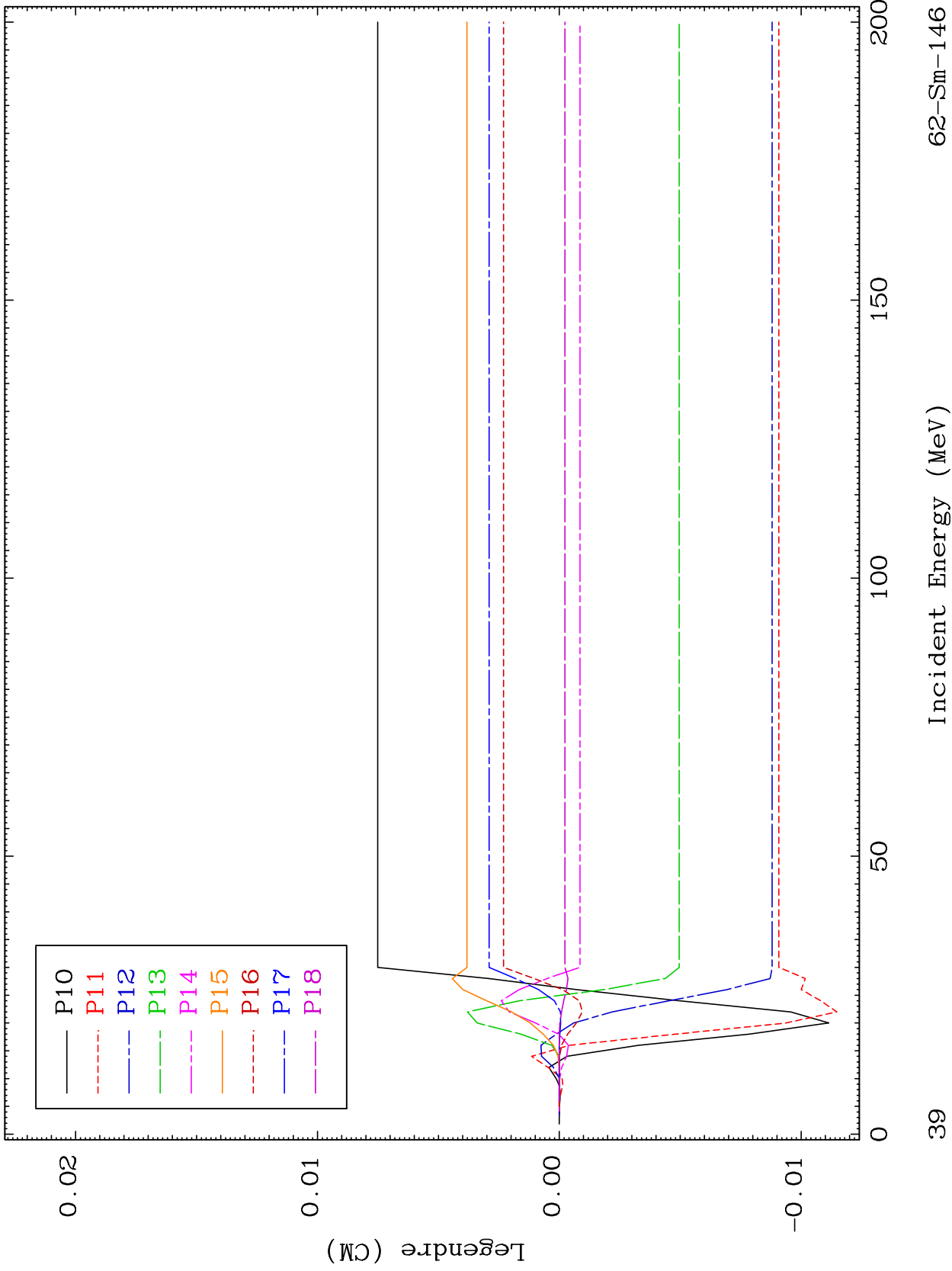
Incident Energy (MeV)

38

MAT 6231

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

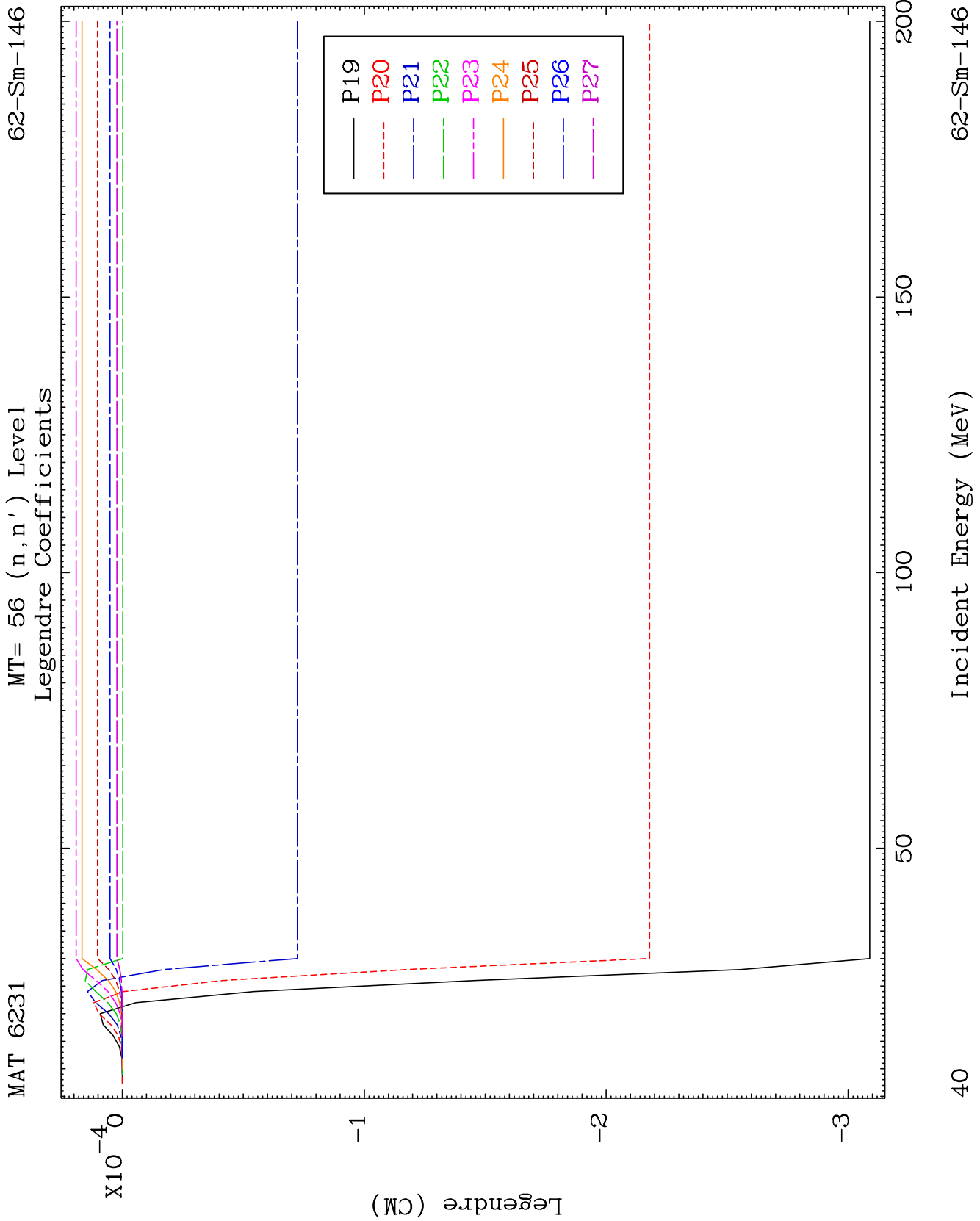
62-Sm-146



39

Incident Energy (MeV)

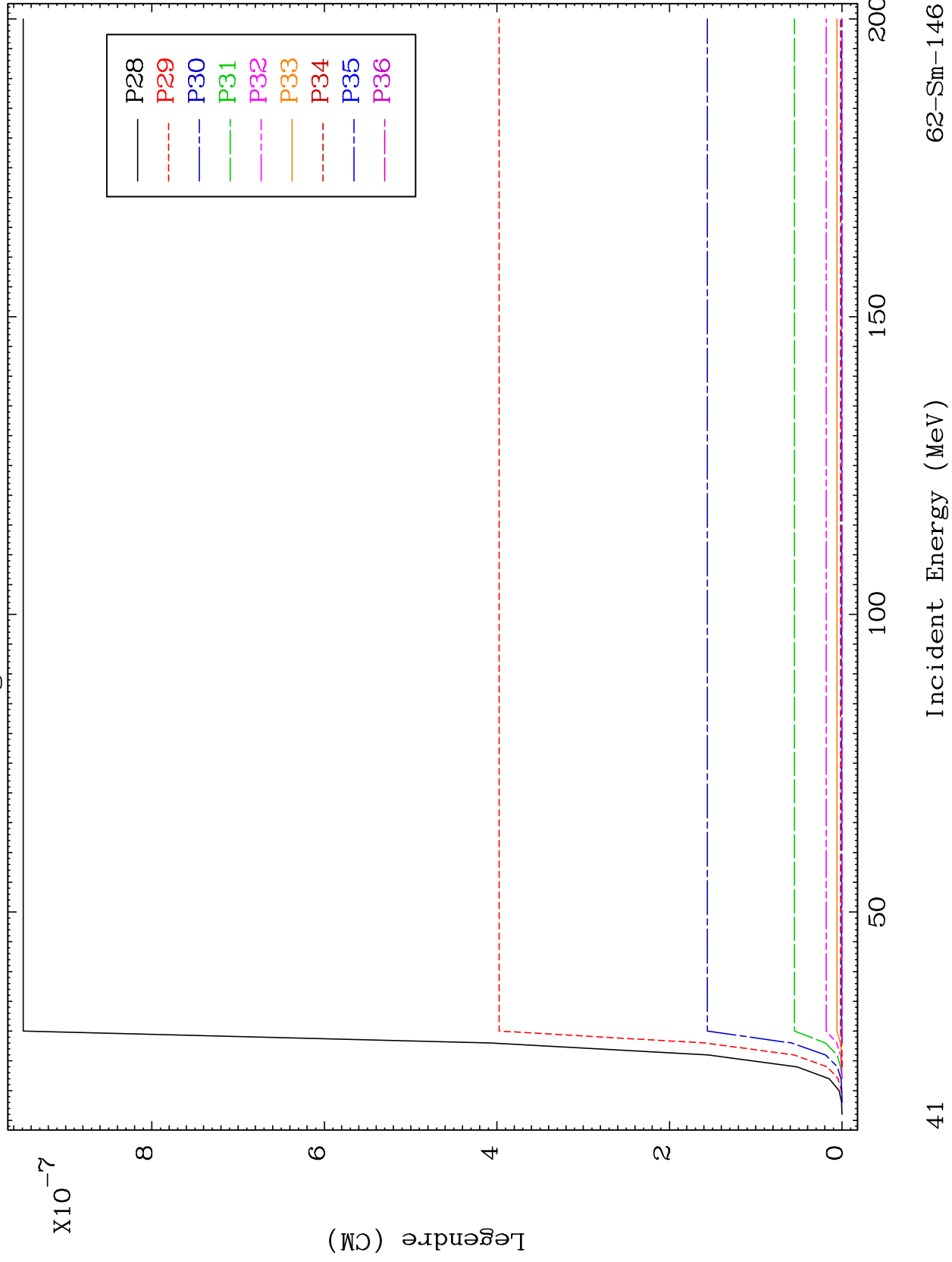
62-Sm-146



MAT 6231

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

62-Sm-146



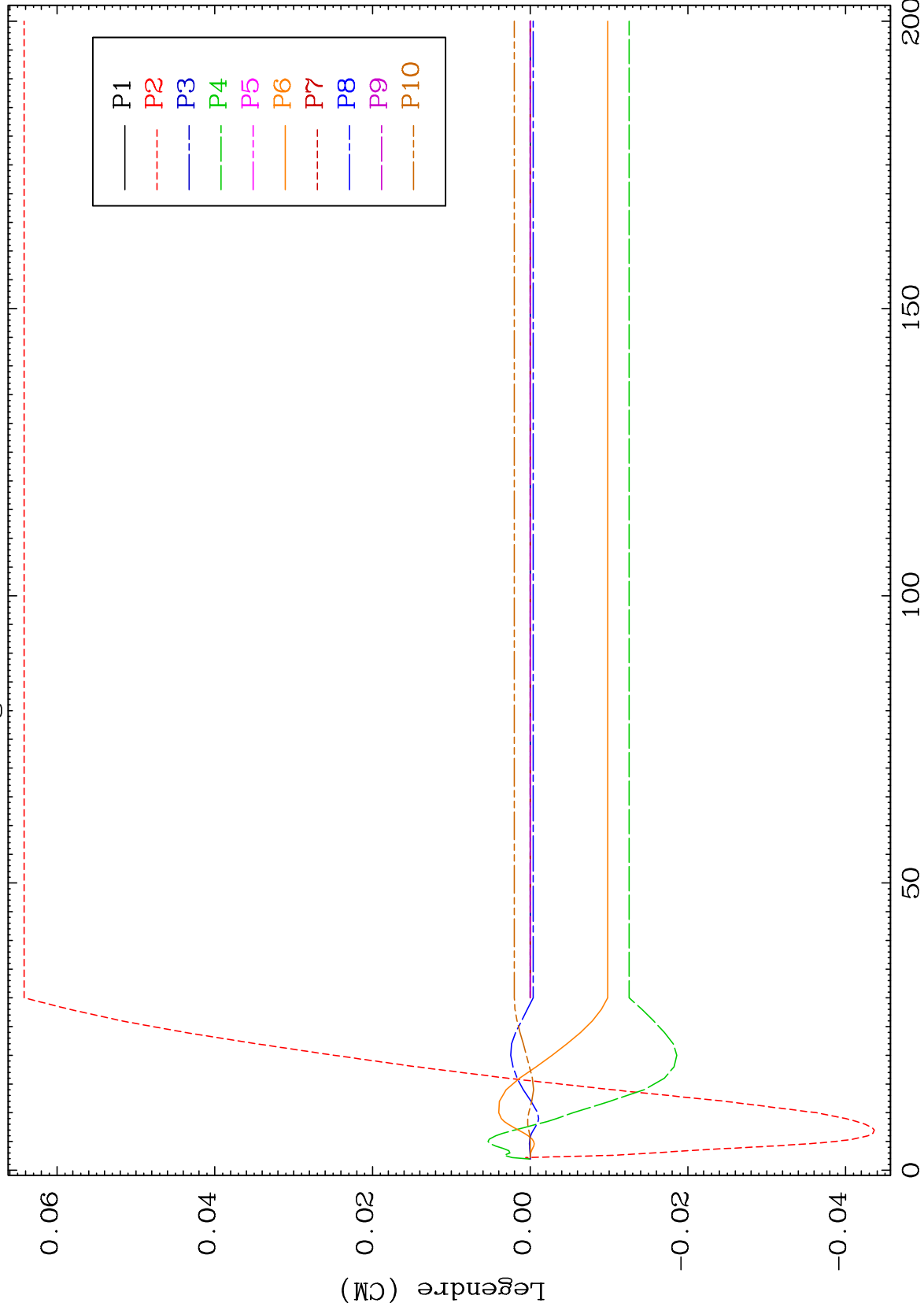
41

62-Sm-146

MAT 6231

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

62-Sm-146



42

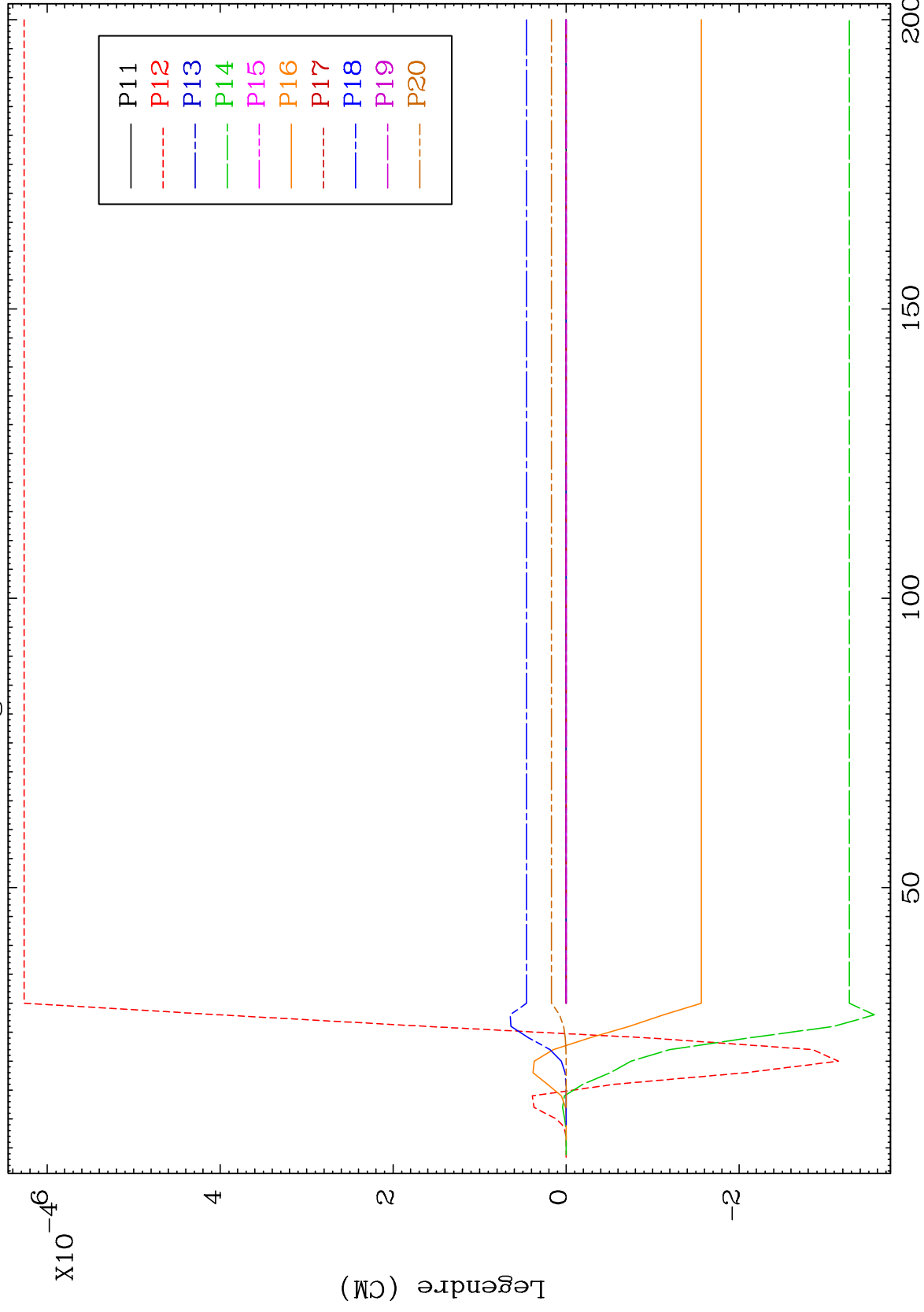
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



43

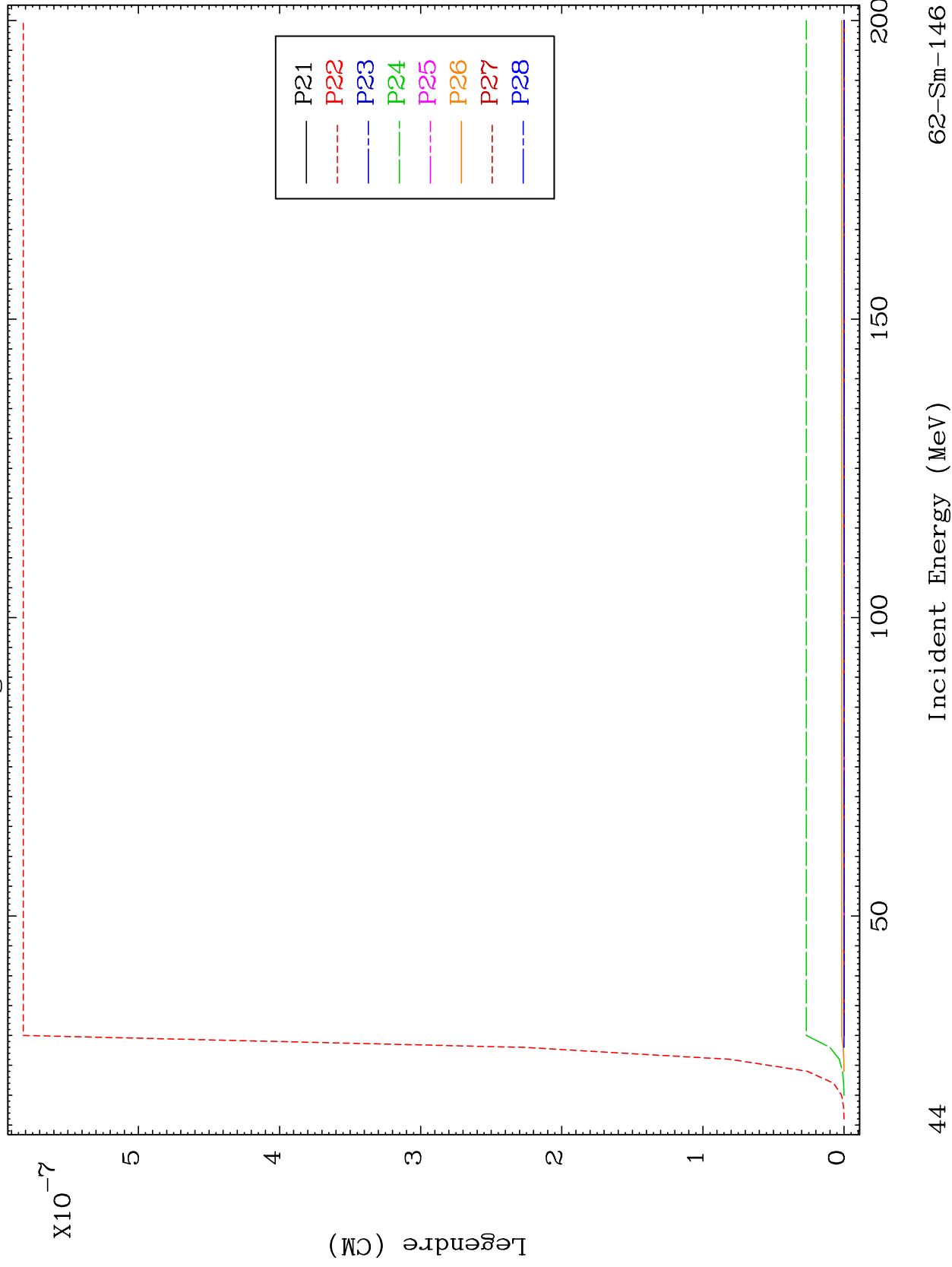
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



44

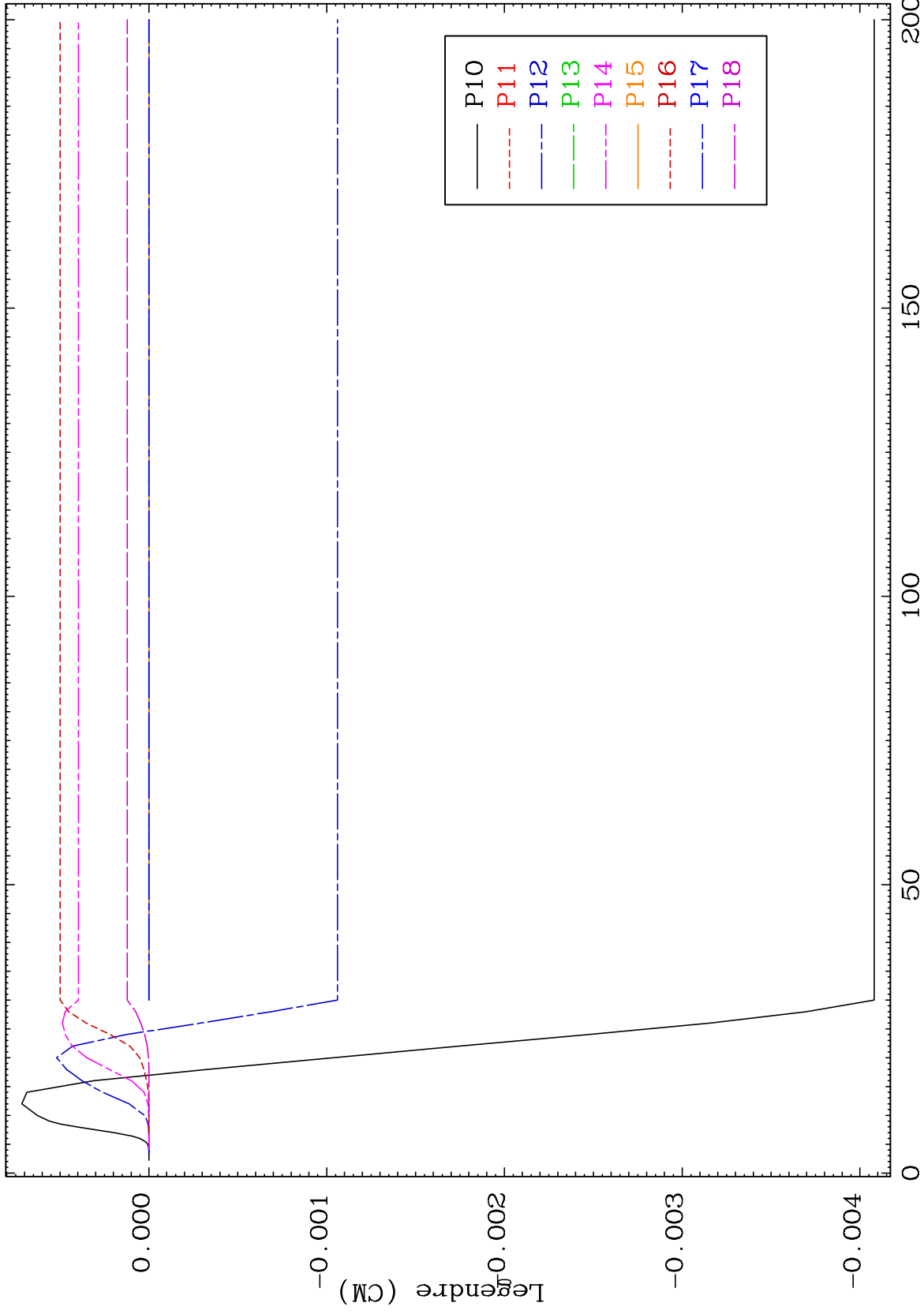
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



46

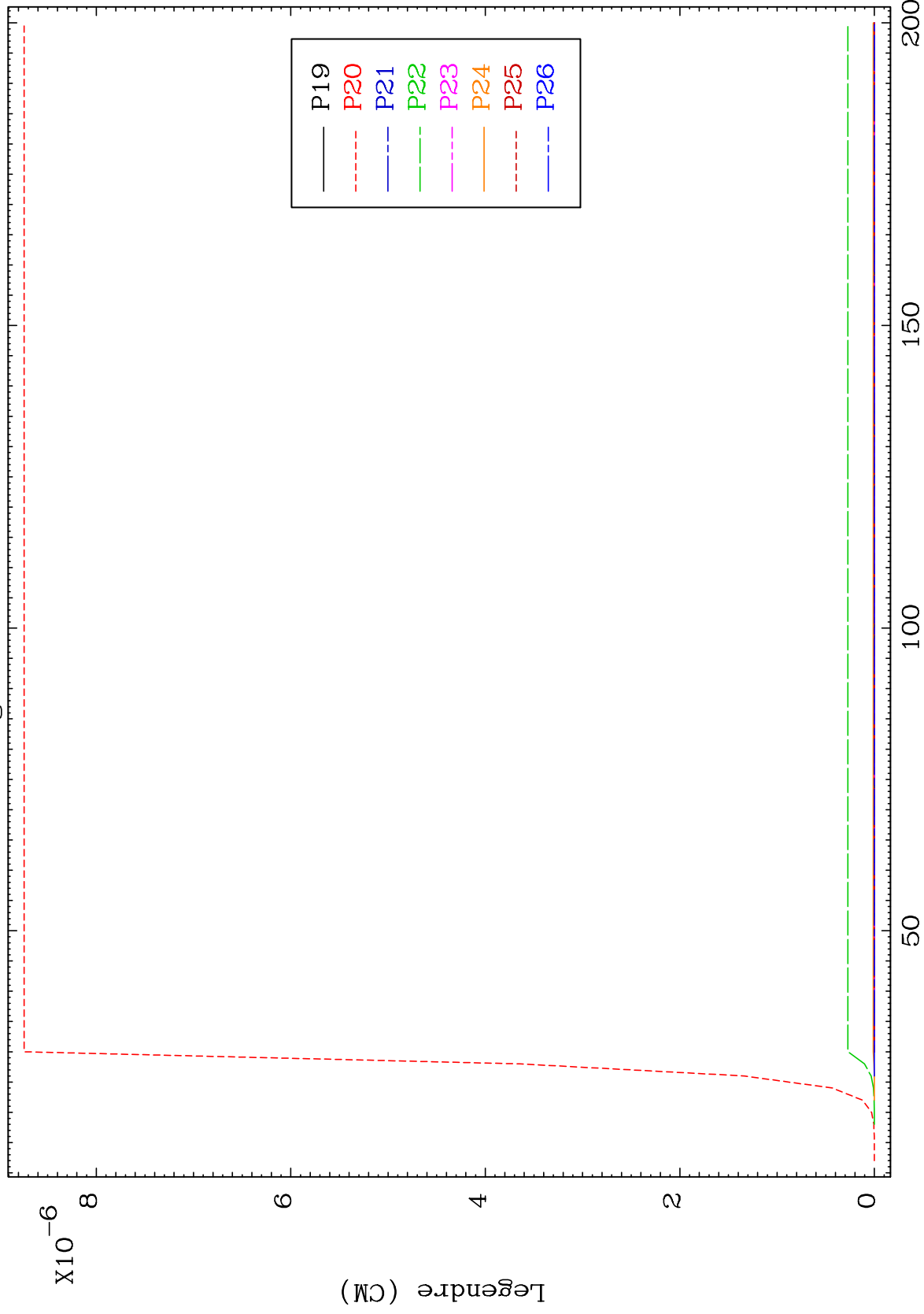
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

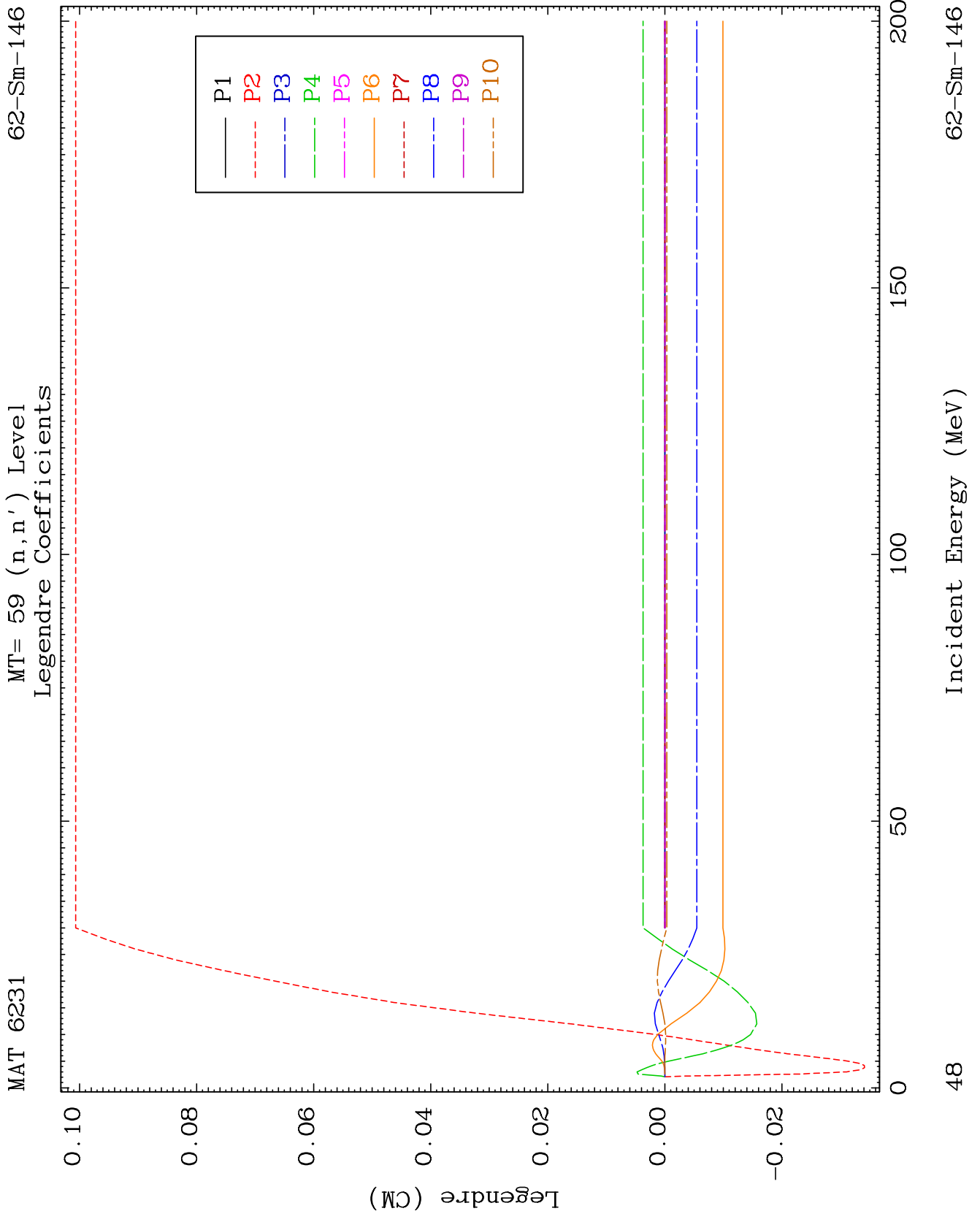
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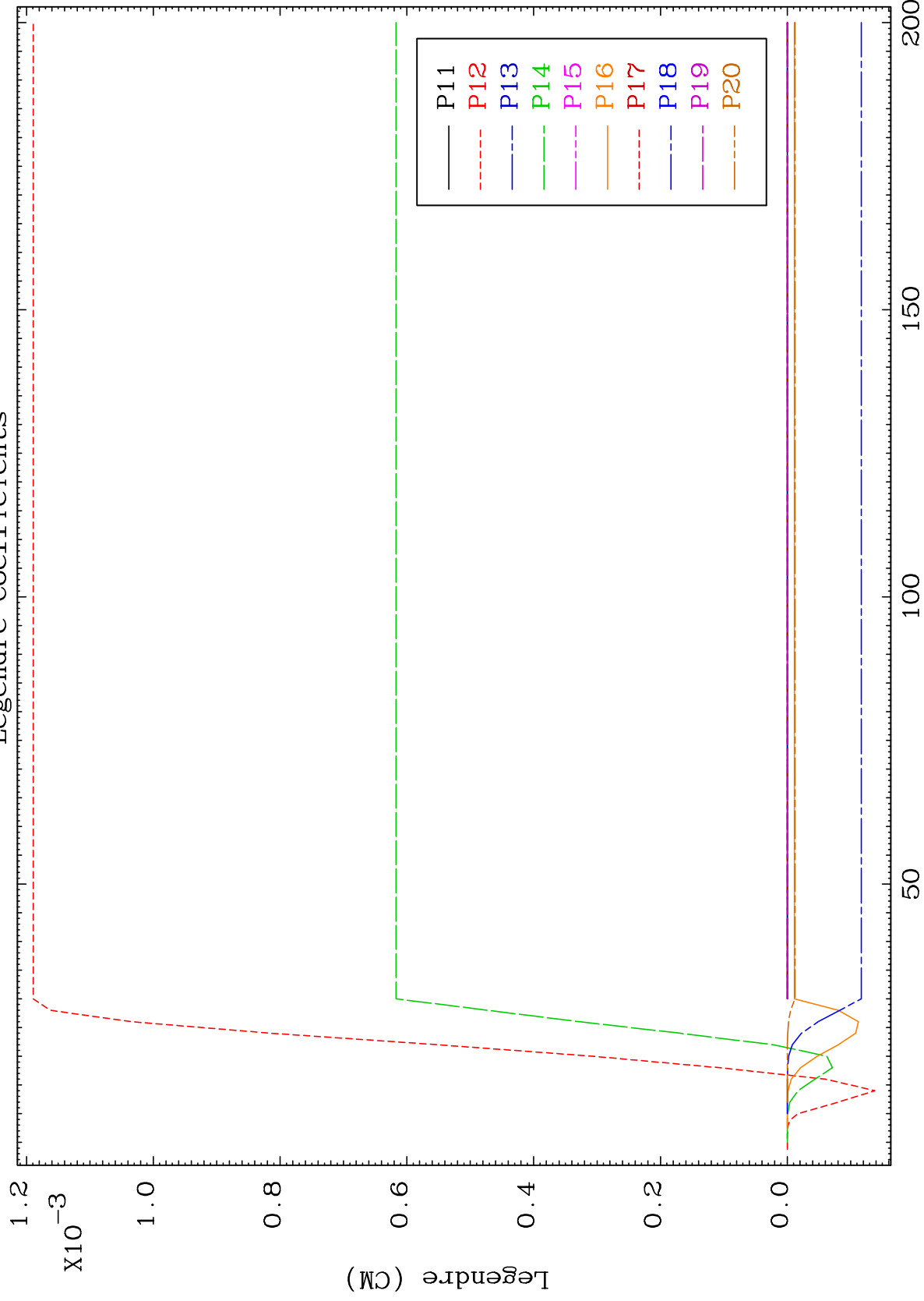


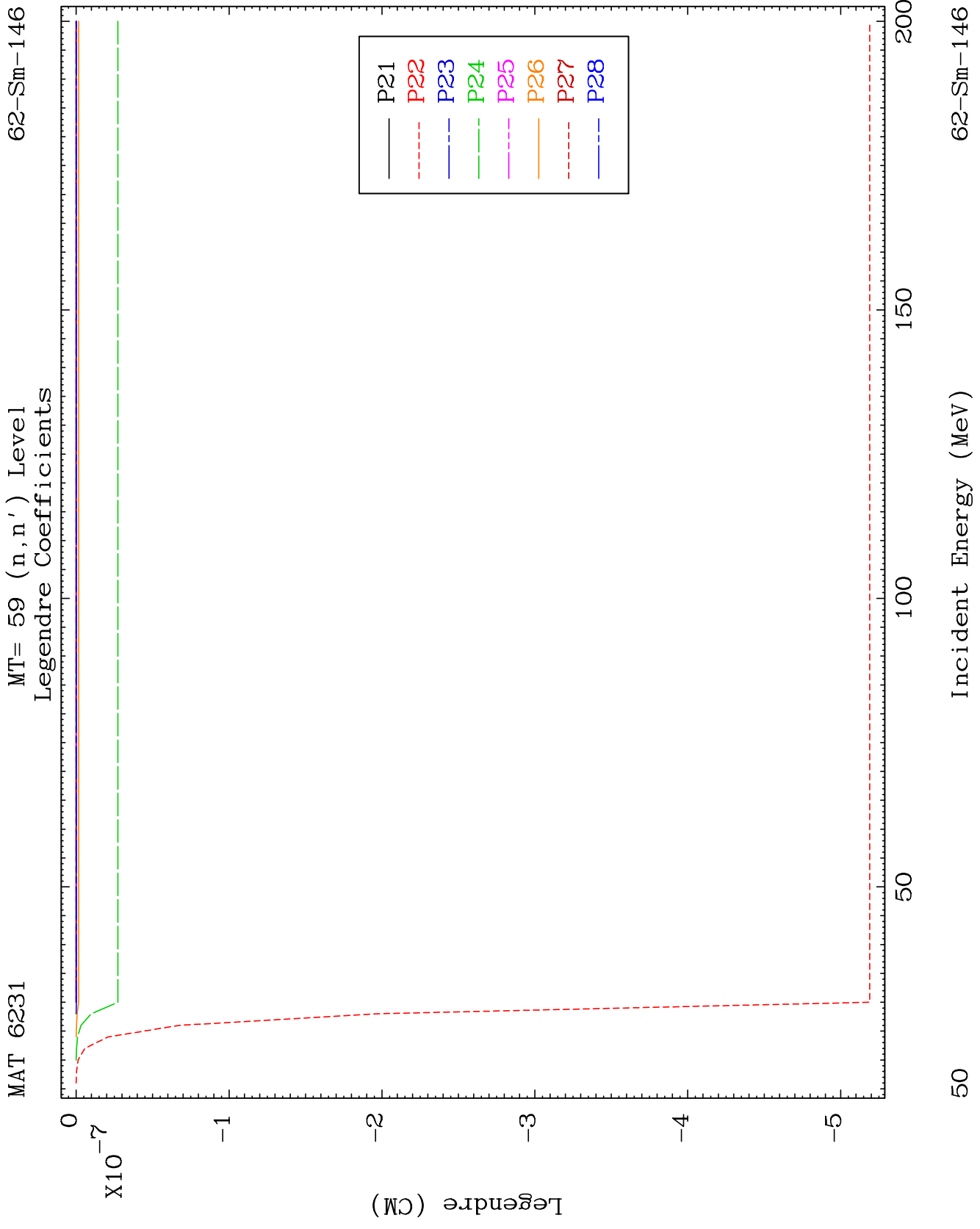
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Incident Energy (MeV)

62-Sm-146



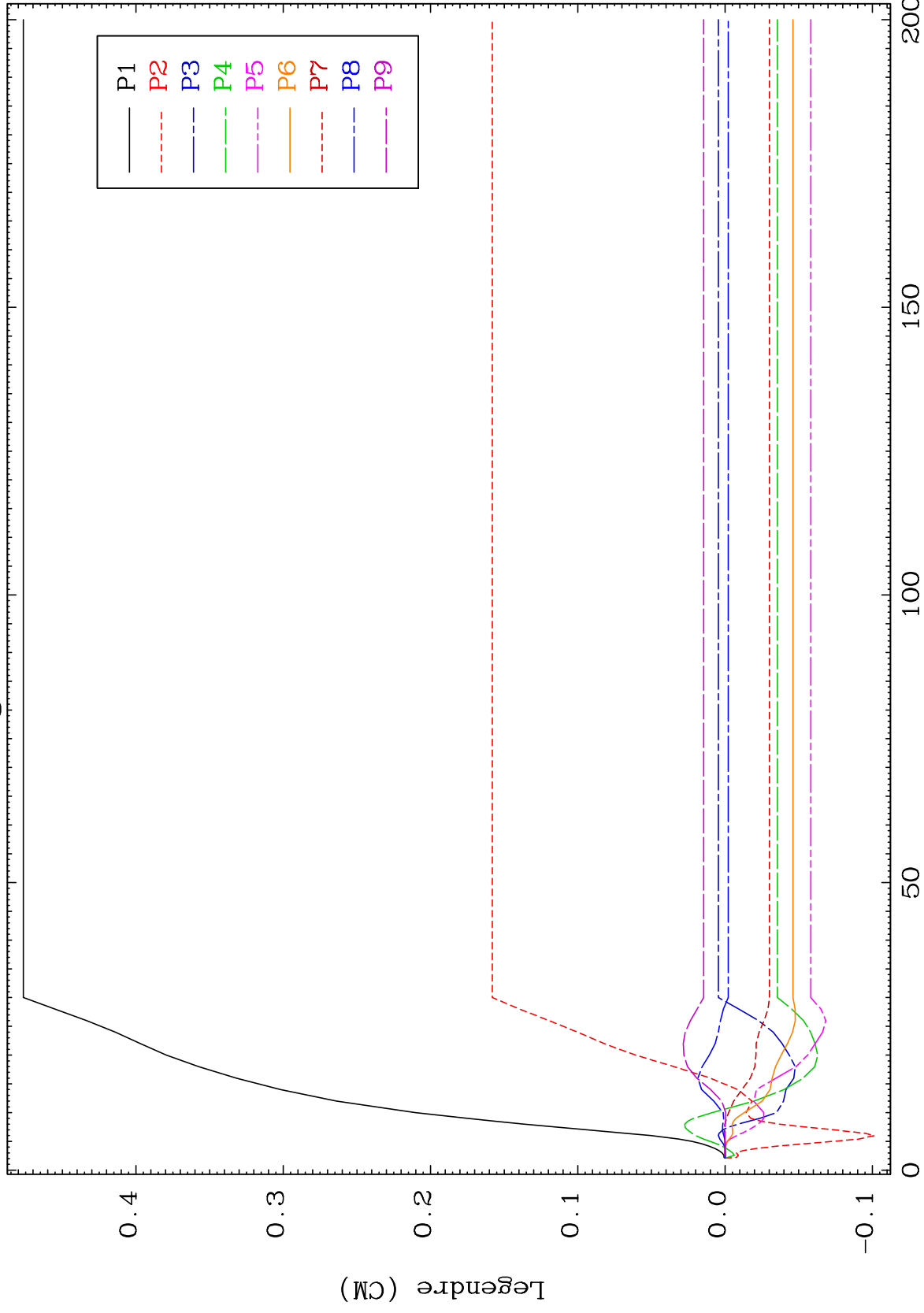




MAT 6231

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

62-Sm-146



51

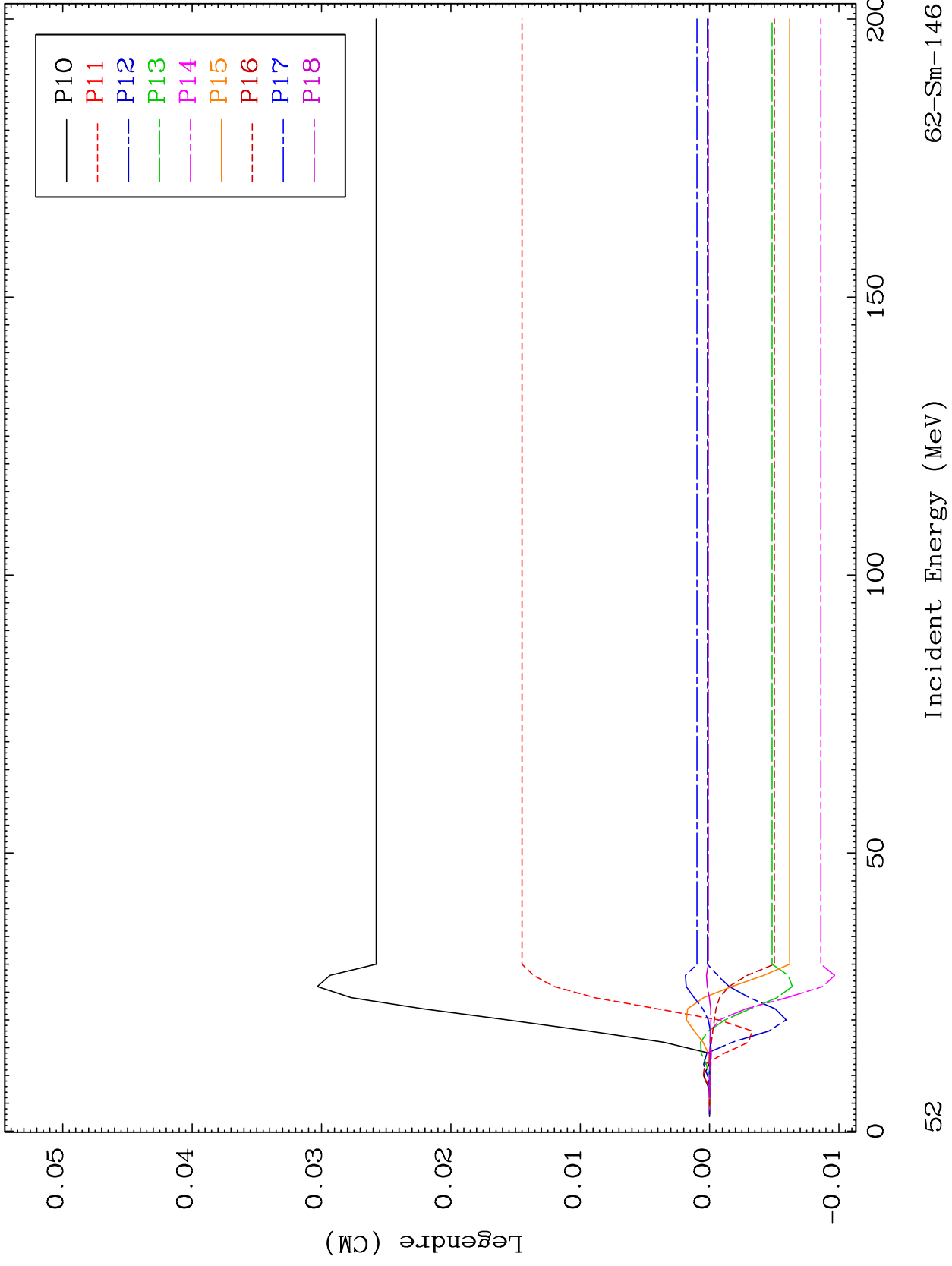
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



52

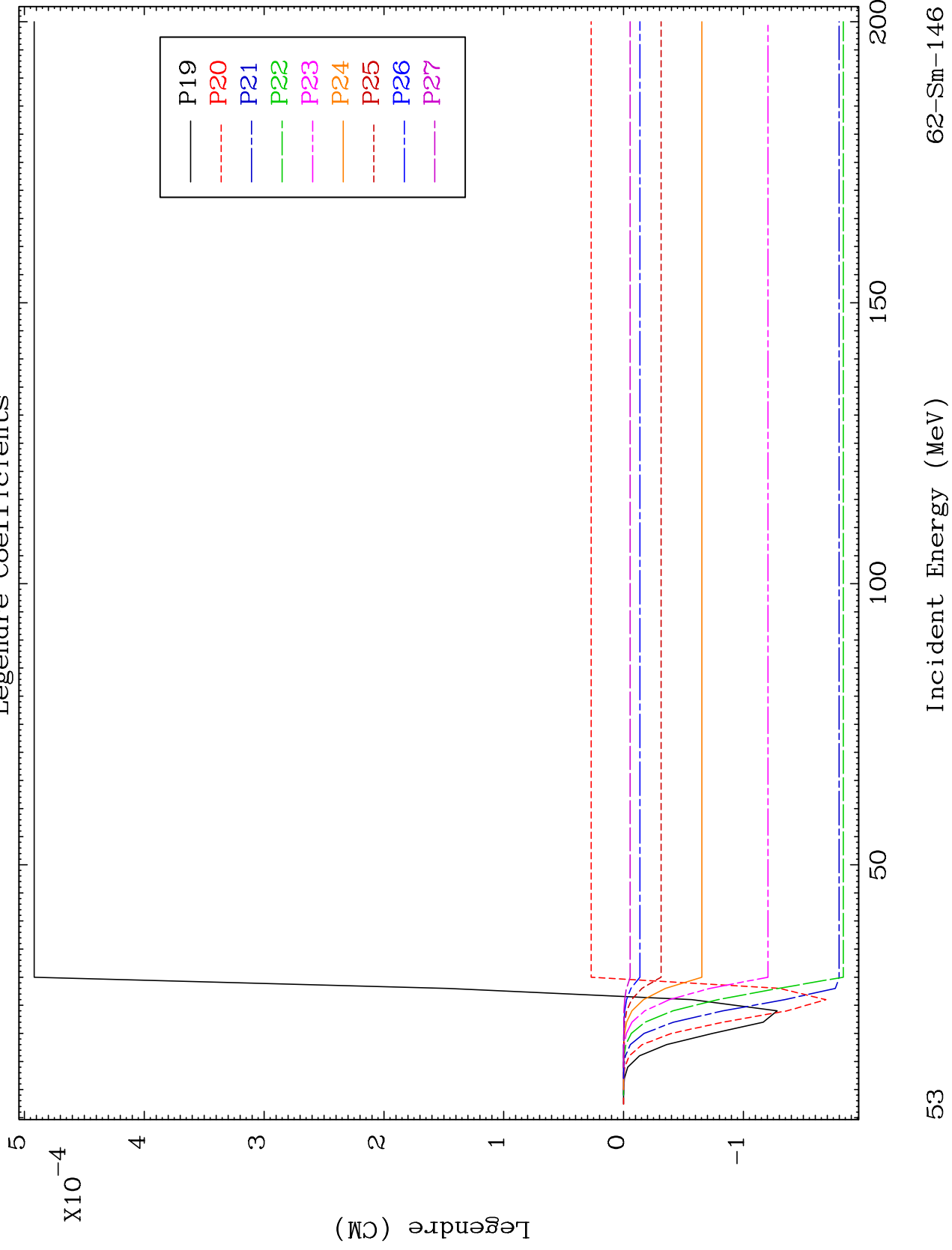
Incident Energy (MeV)

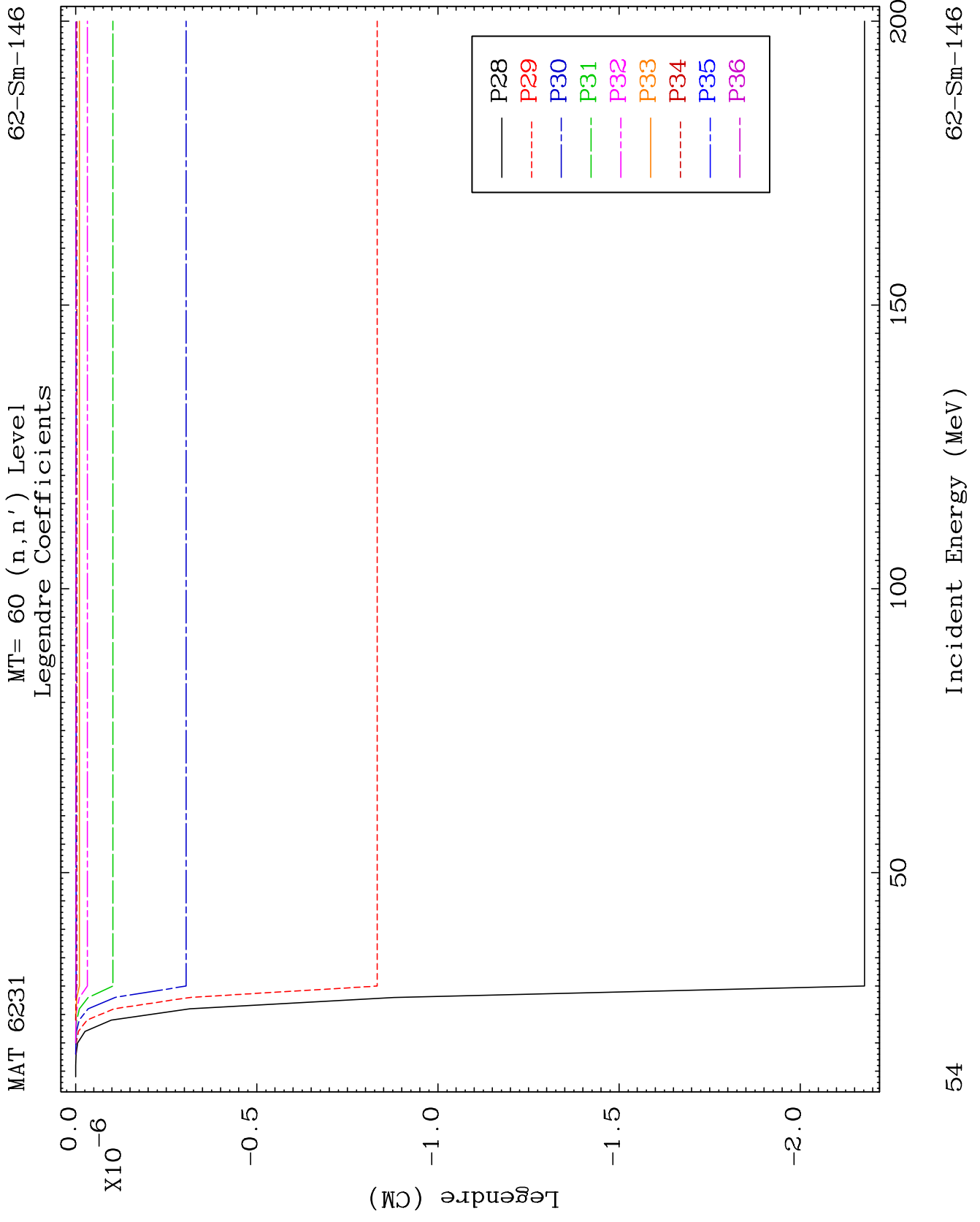
62-Sm-146

MAT 6231

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

62-Sm-146

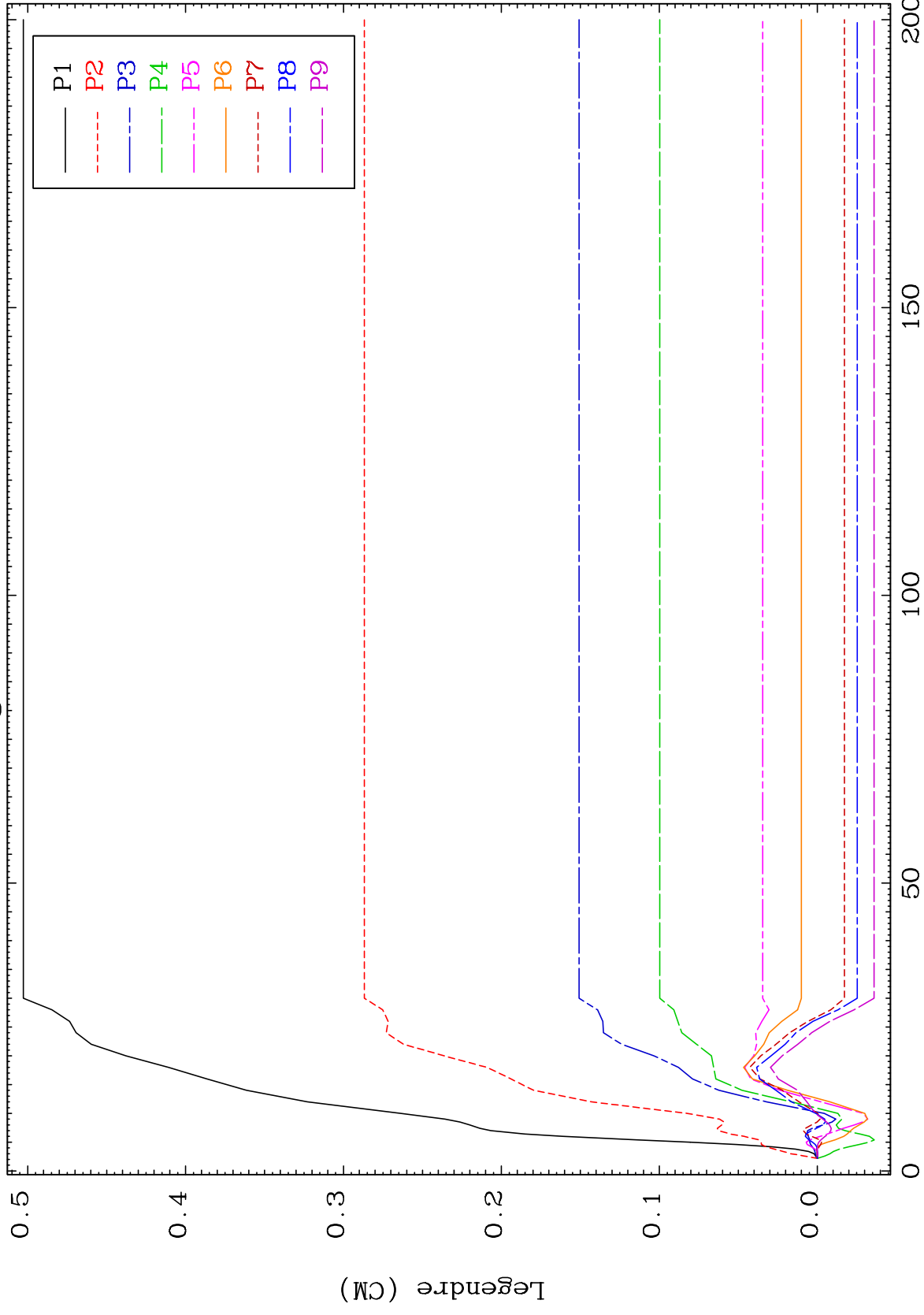




MAT 6231

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

62-Sm-146



55

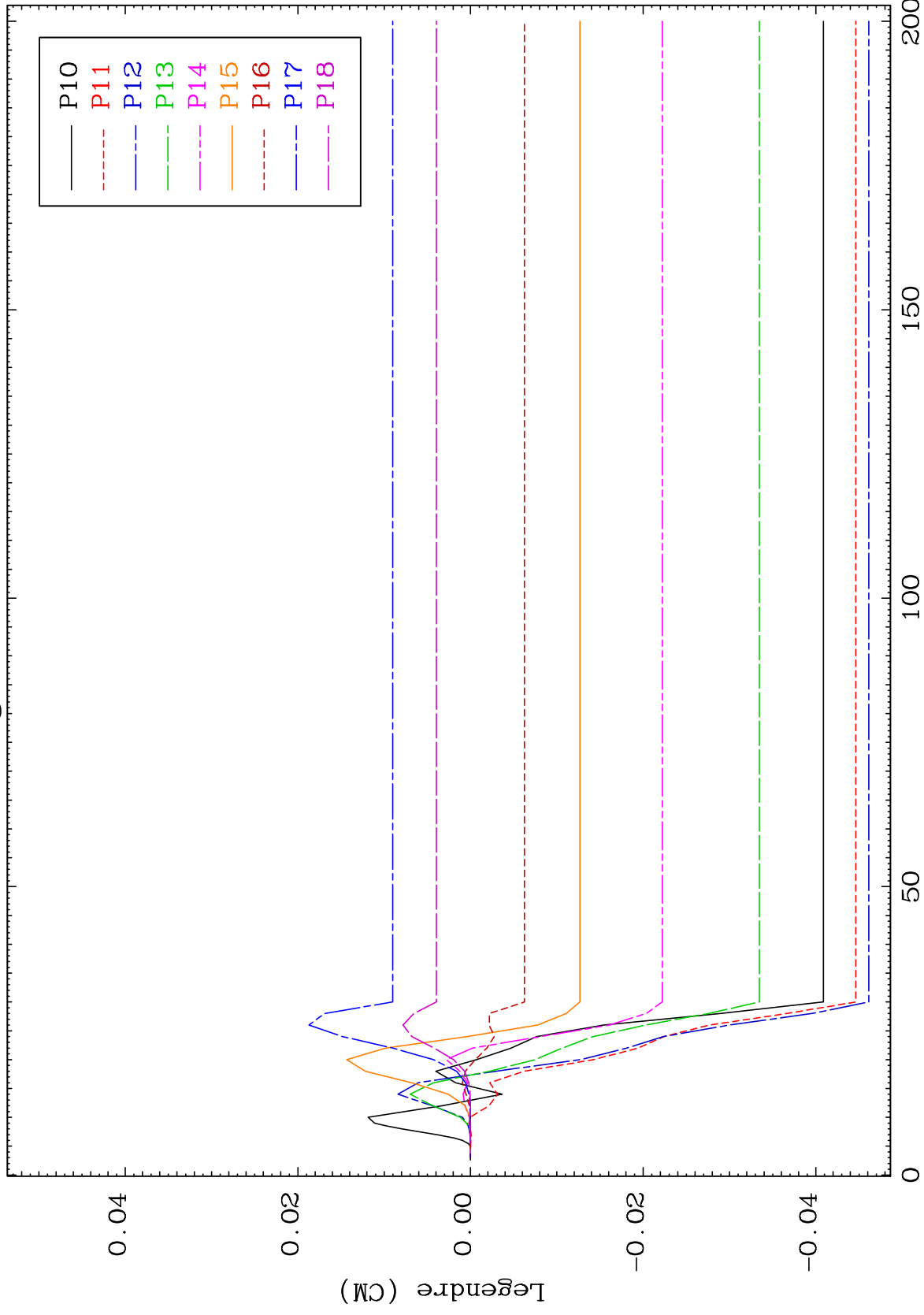
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

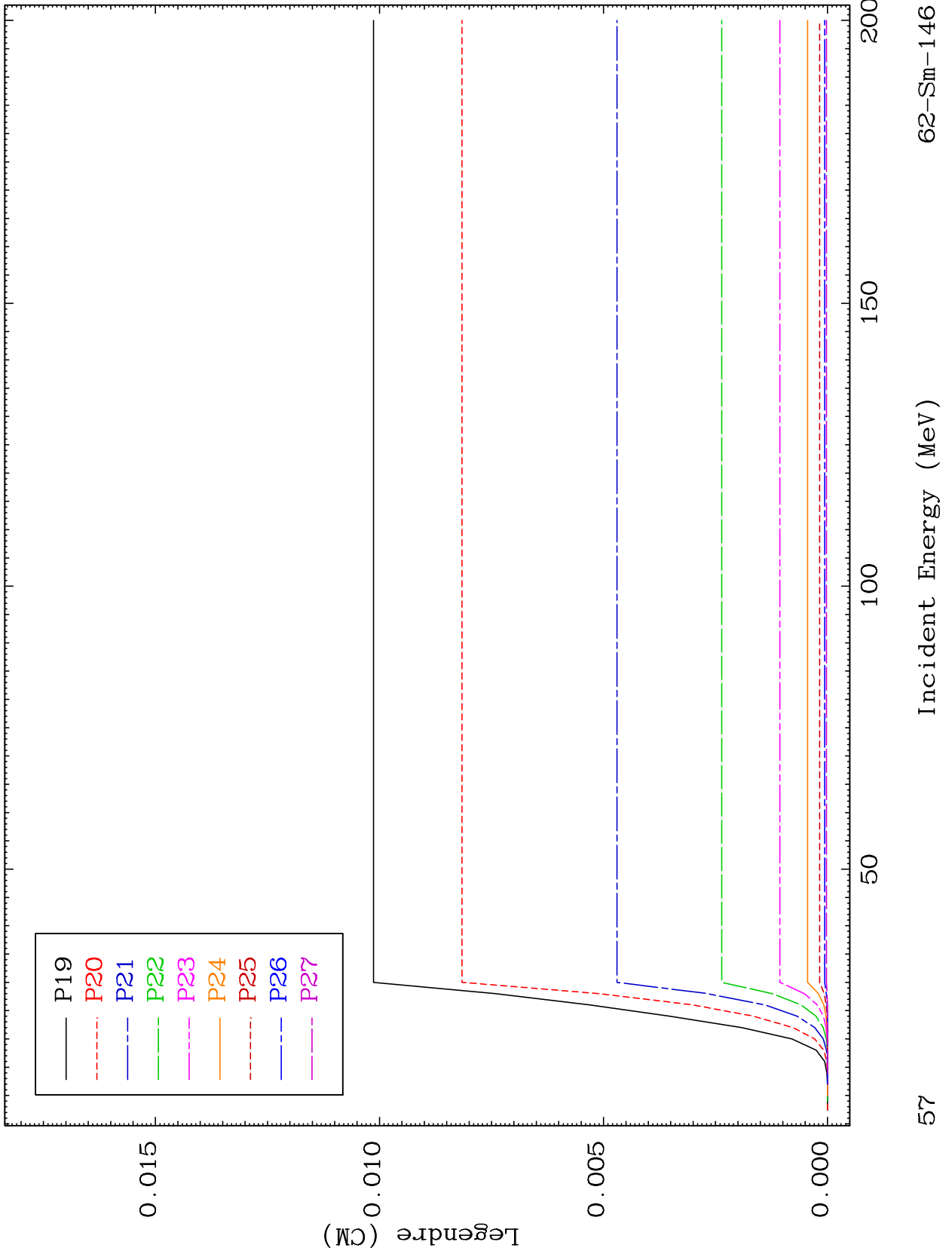
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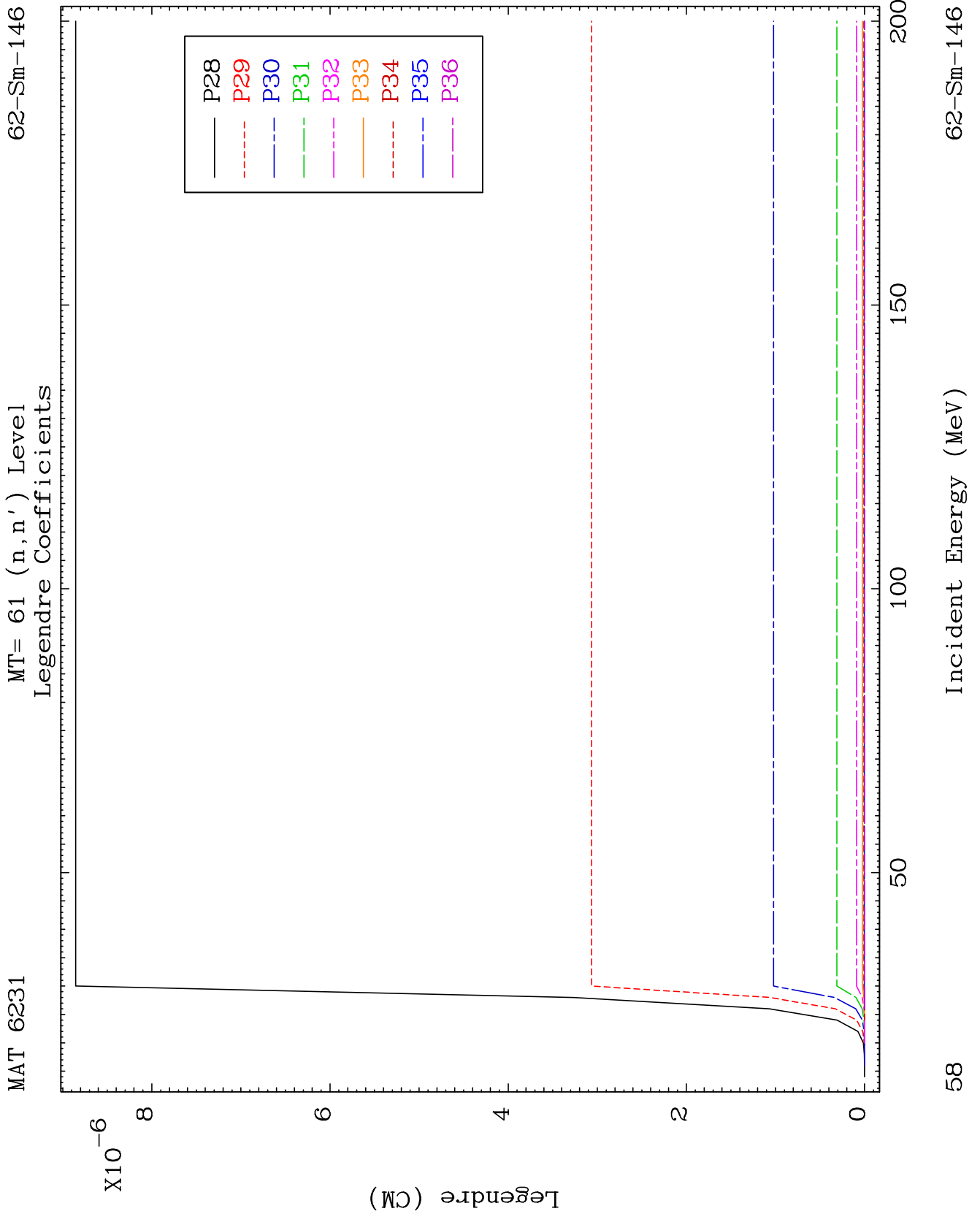


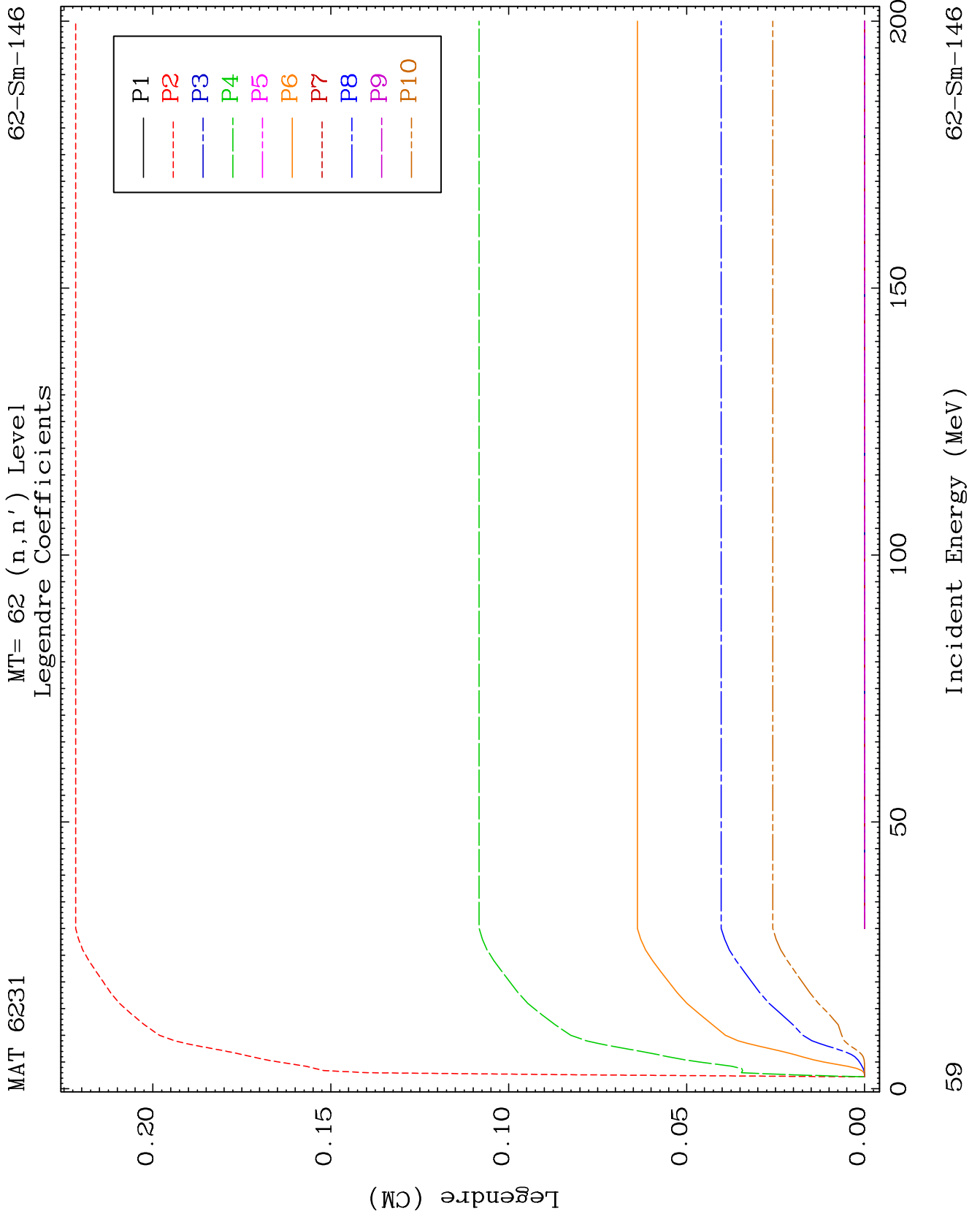
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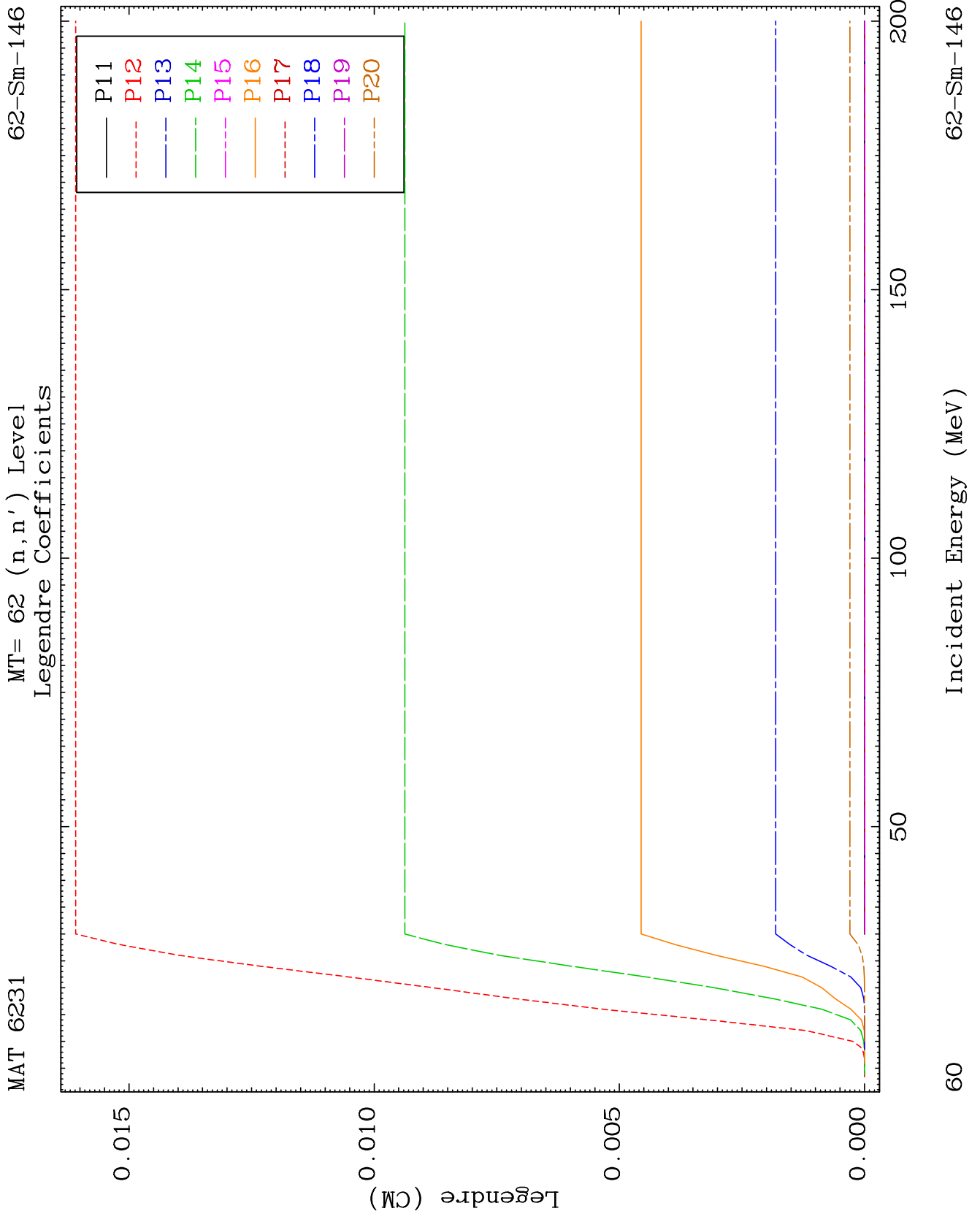
Incident Energy (MeV)

62-Sm-146





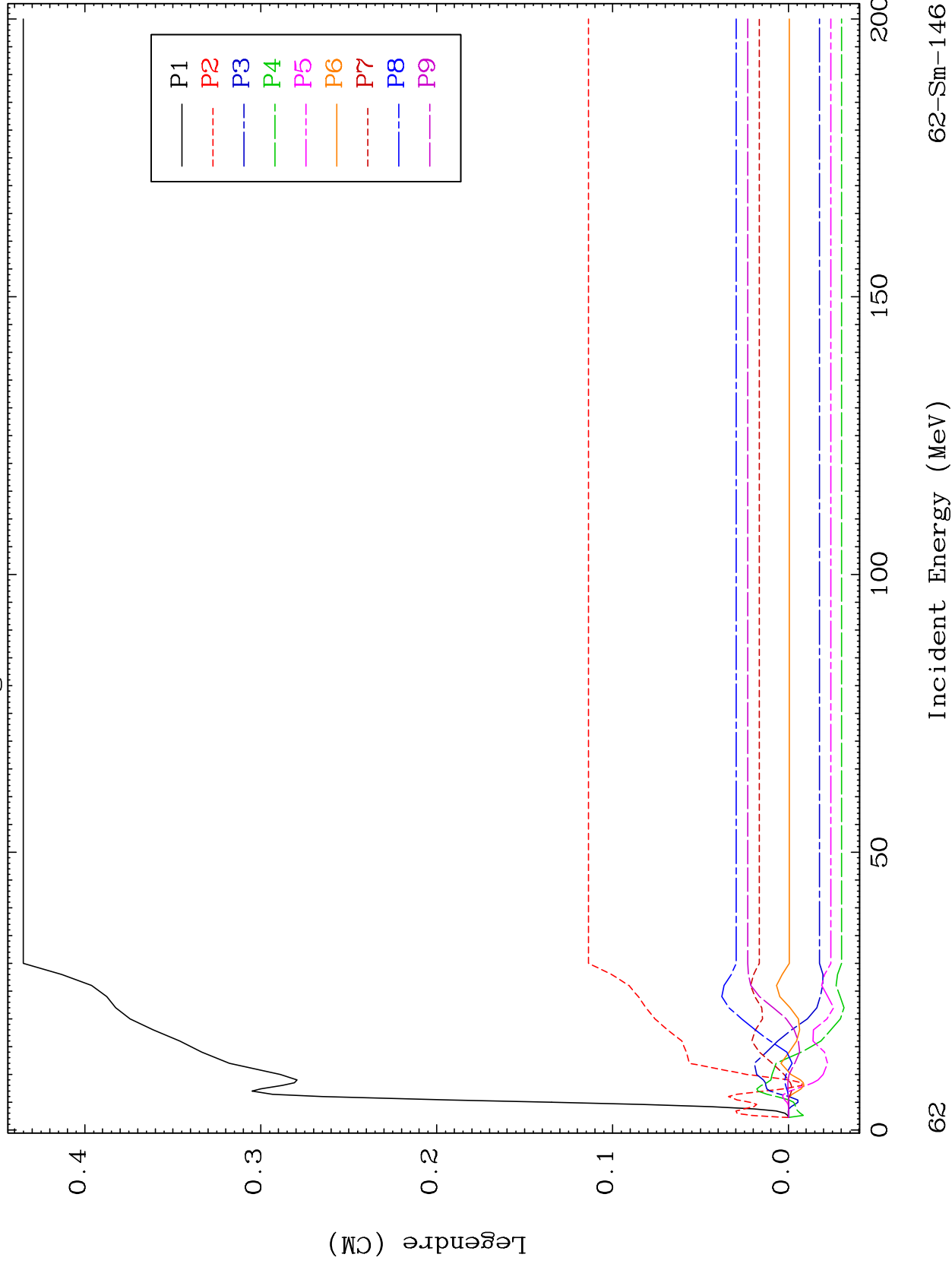




MAT 6231

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

62-Sm-146



62-Sm-146

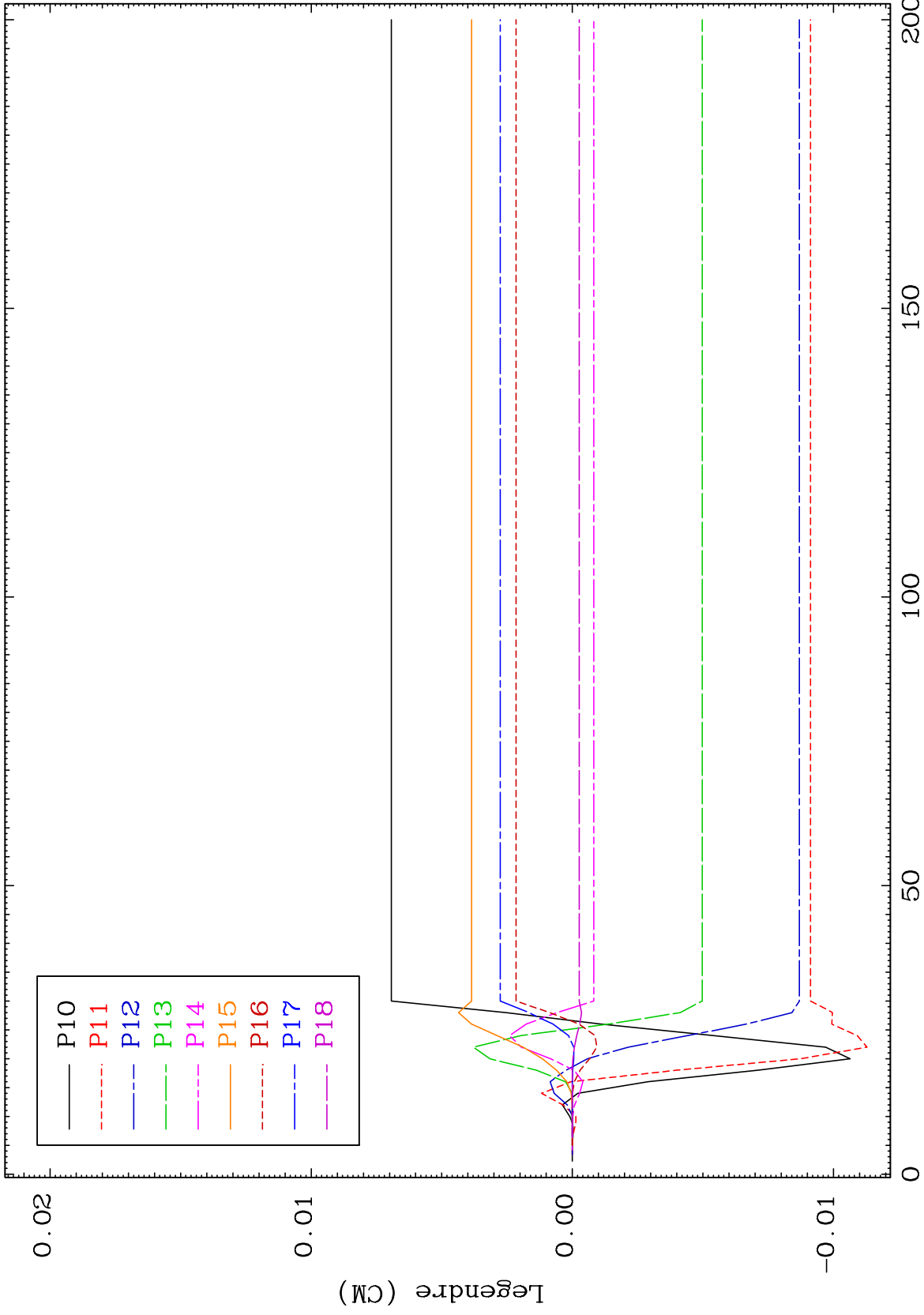
Incident Energy (MeV)

62

MAT 6231

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

62-Sm-146



63

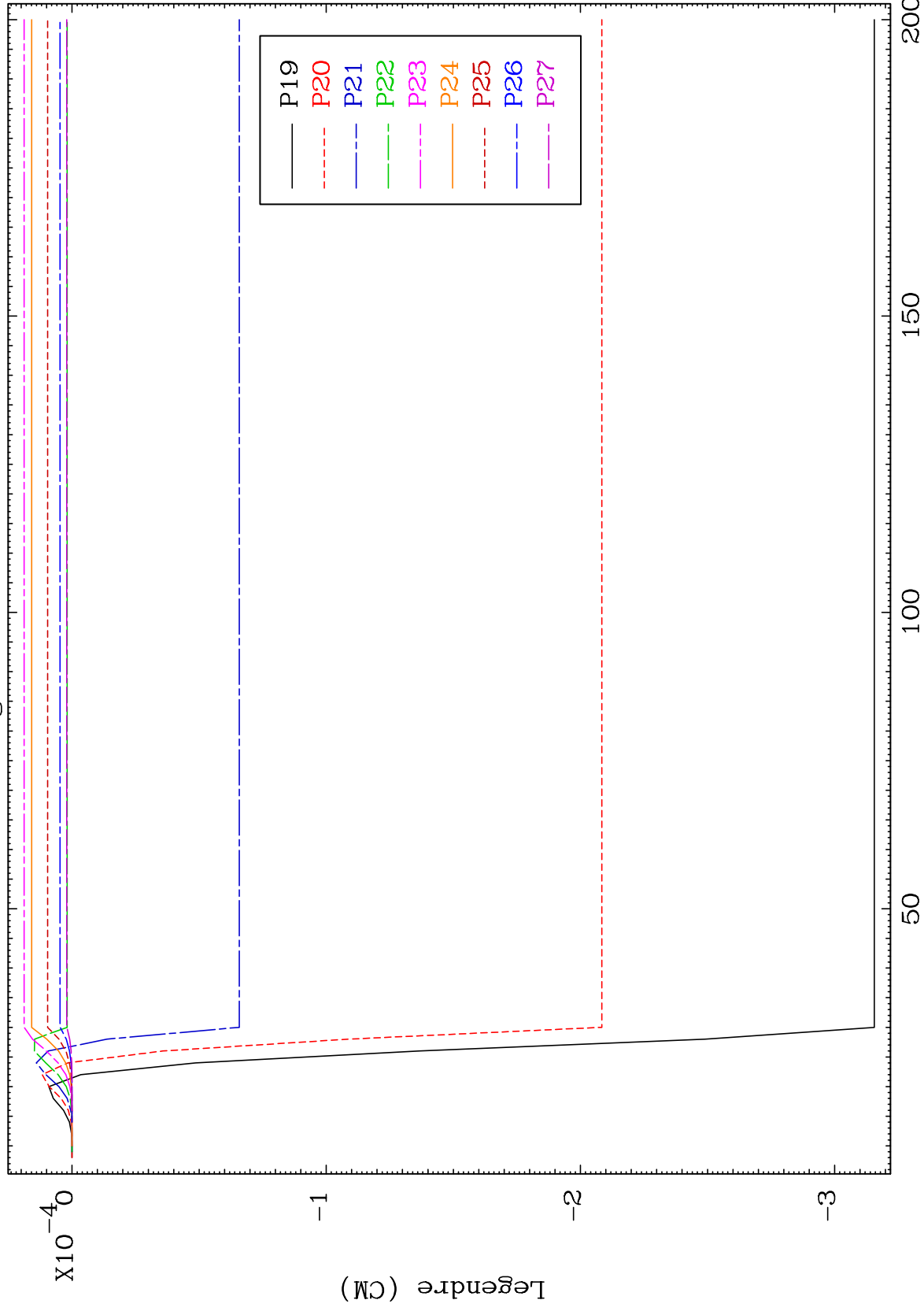
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



64

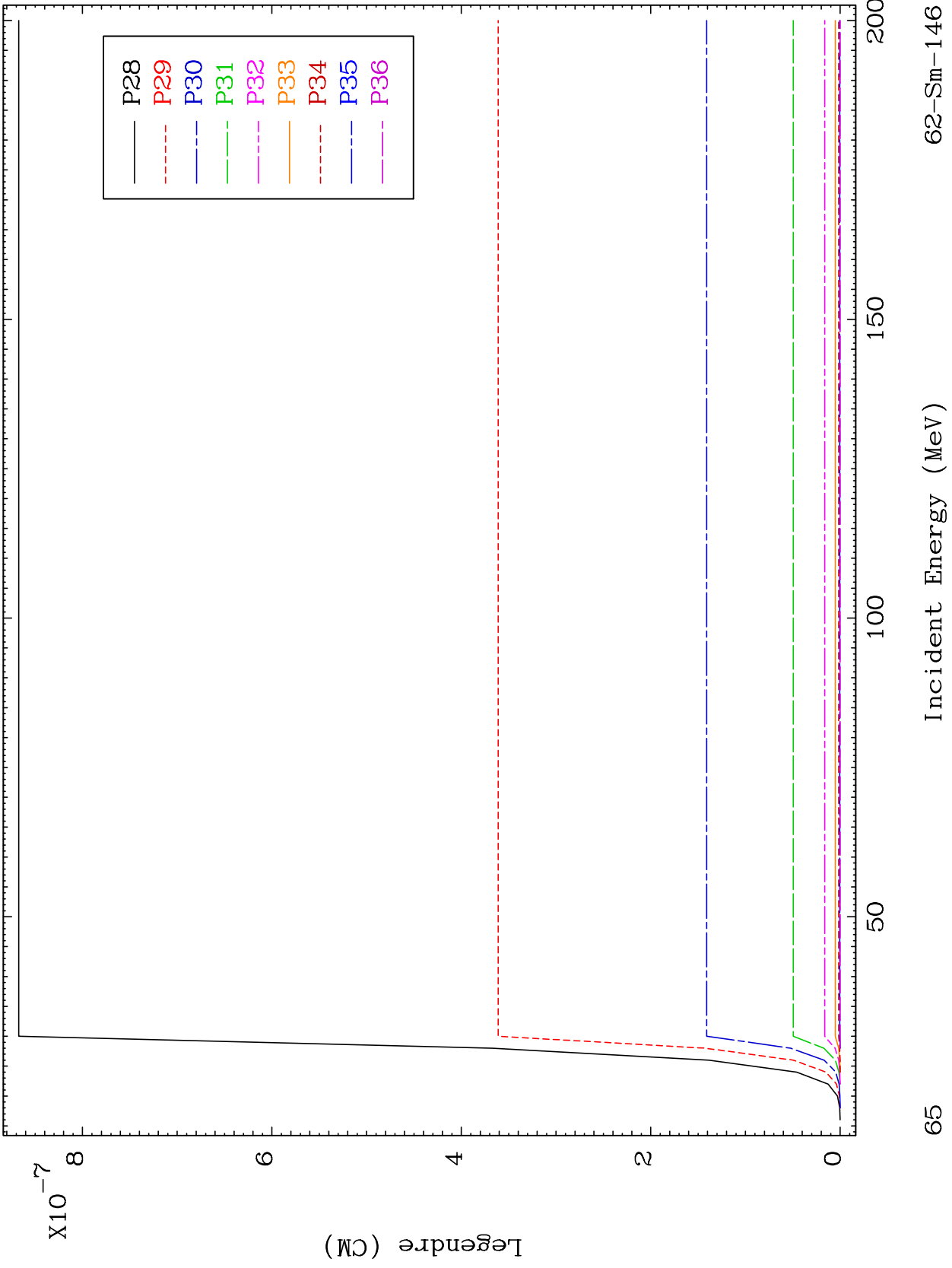
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



65

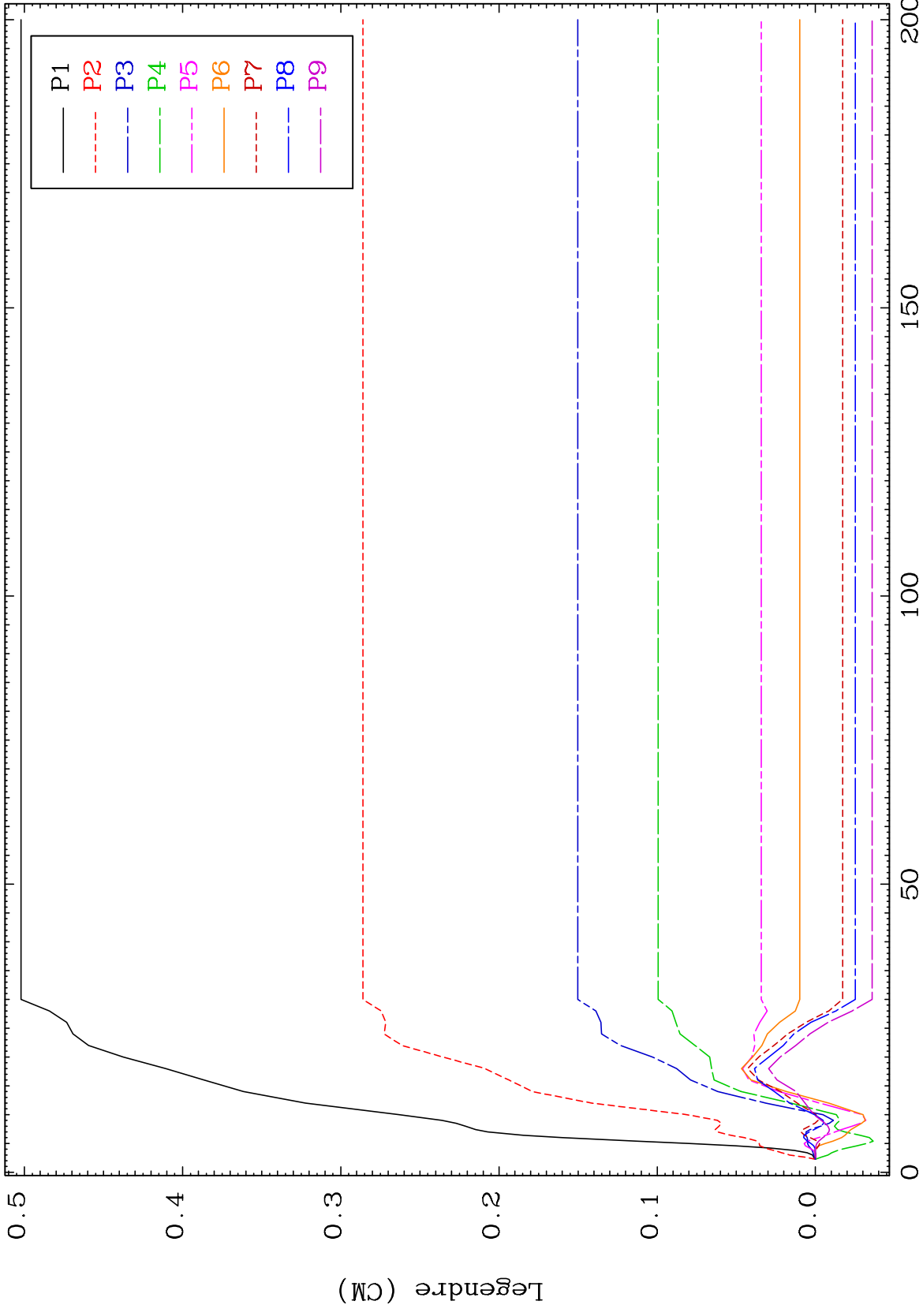
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



66

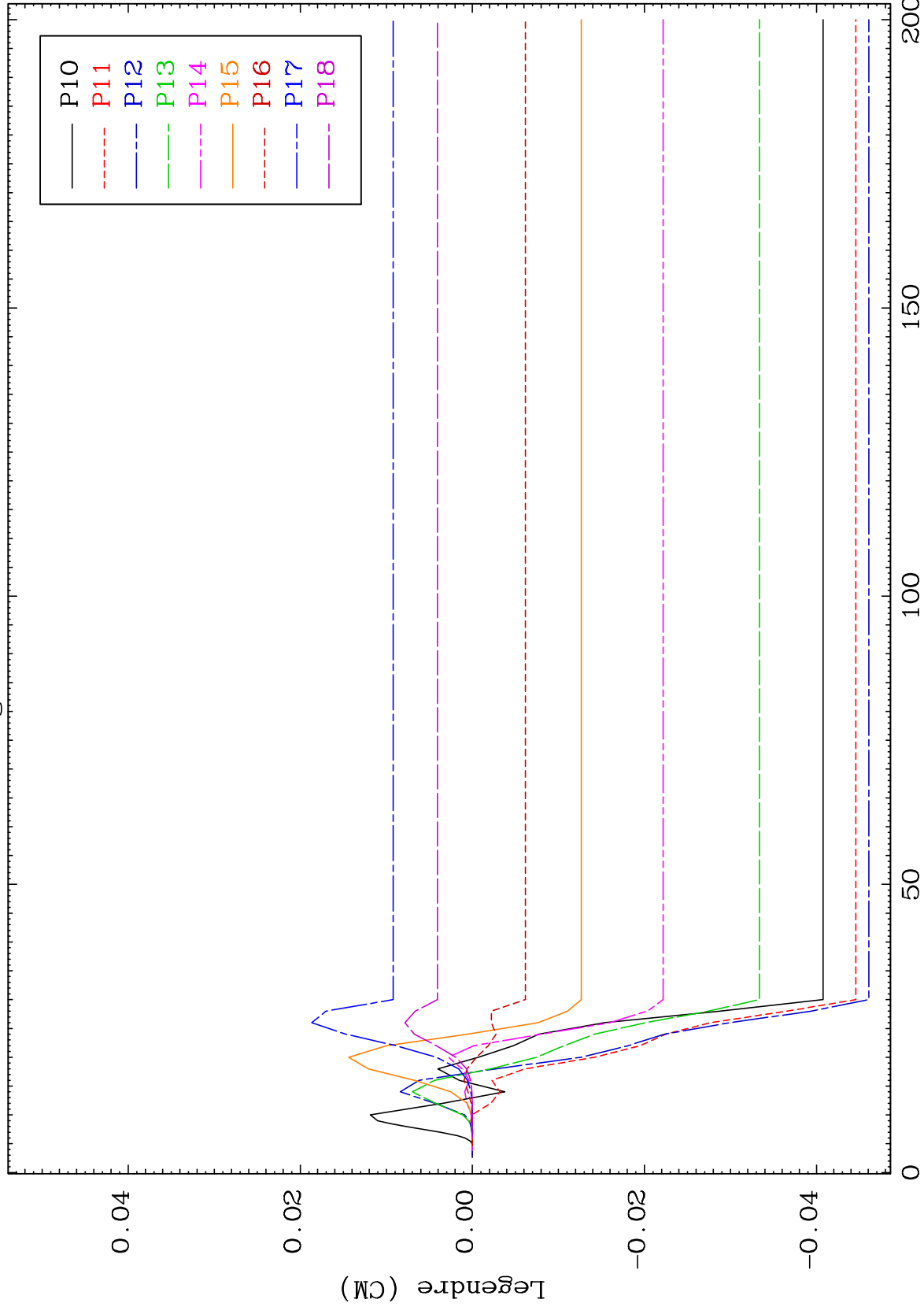
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



67

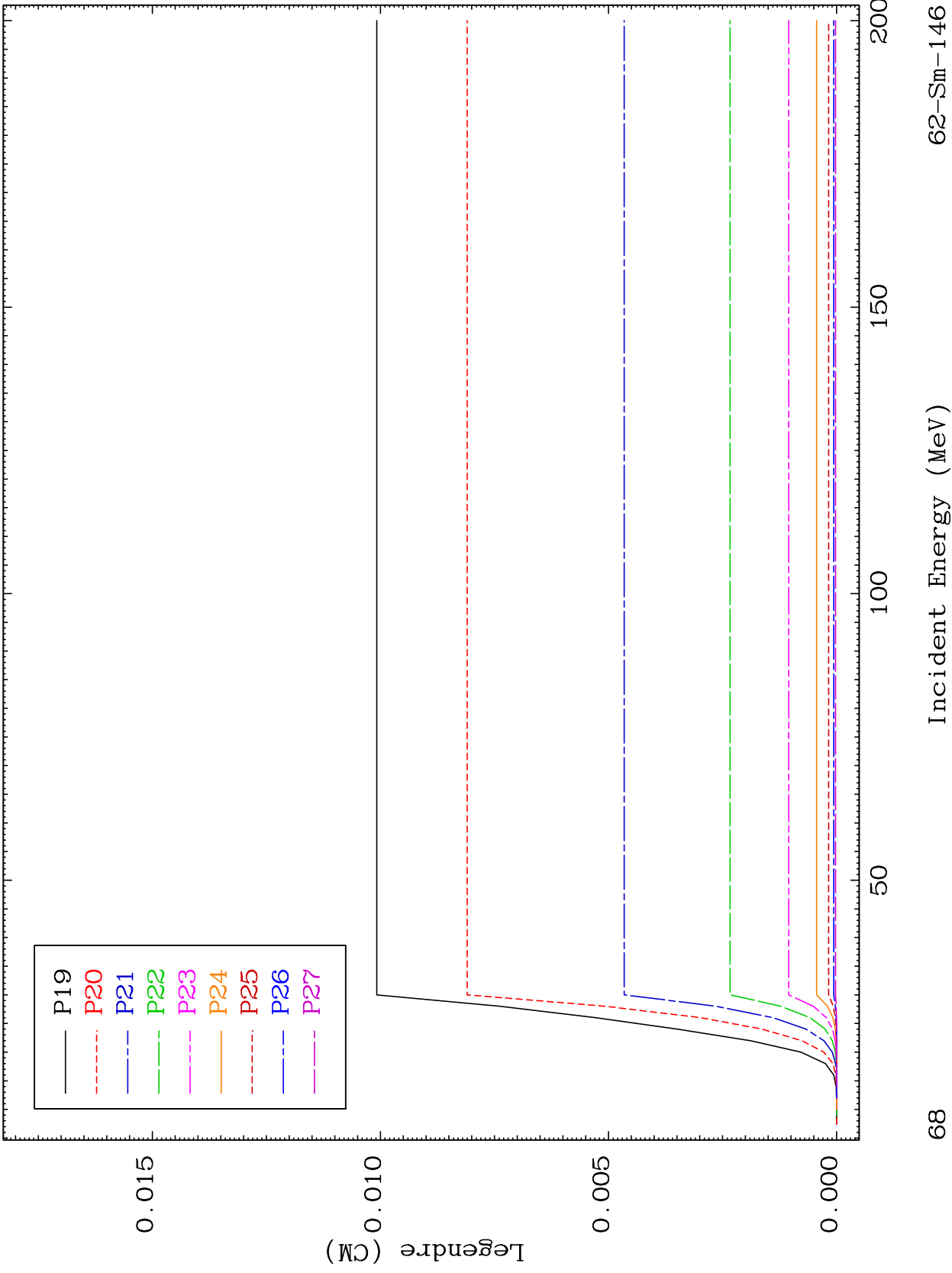
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



68

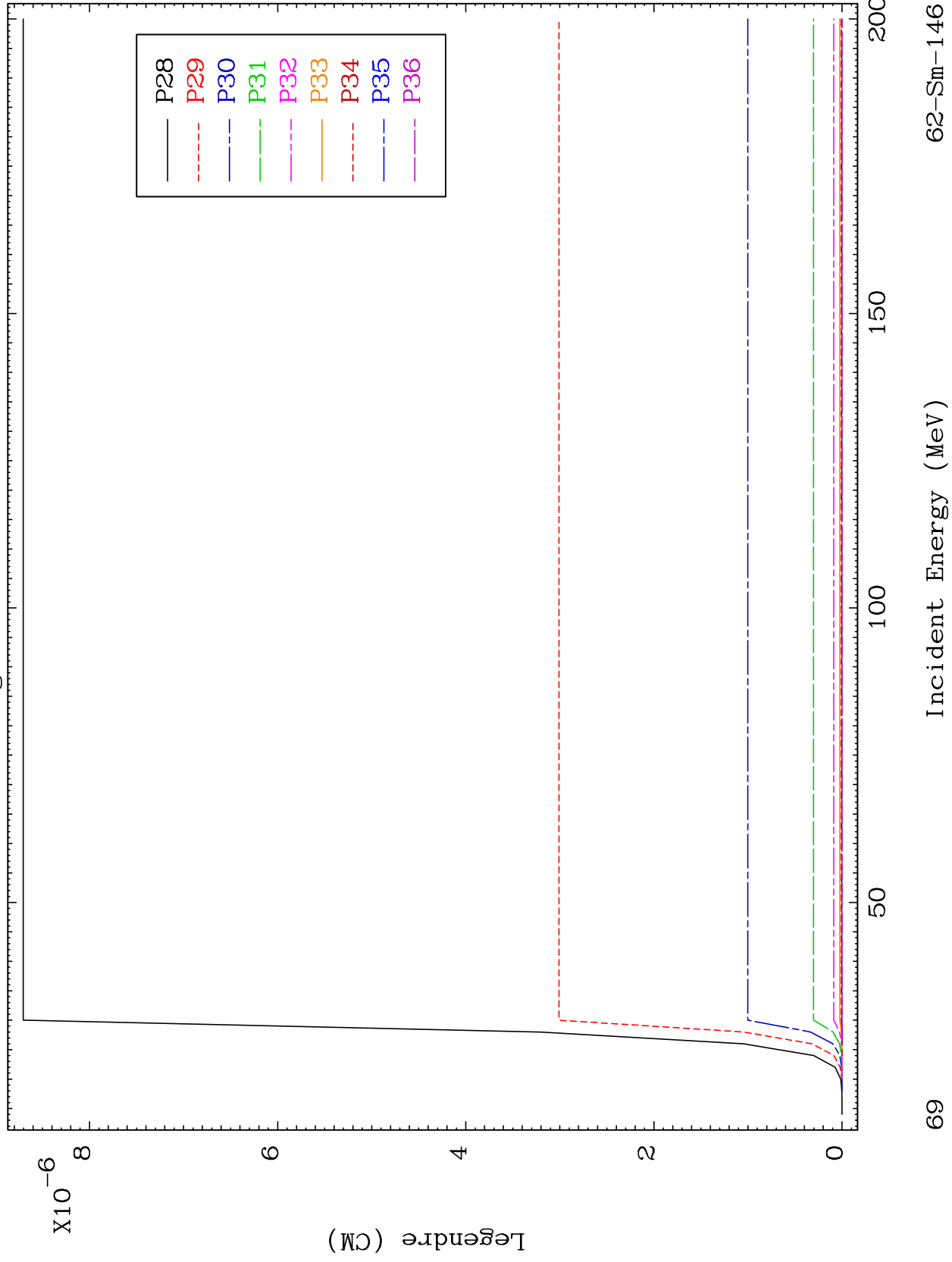
Incident Energy (MeV)

62-Sm-146

MAT 6231

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

62-Sm-146



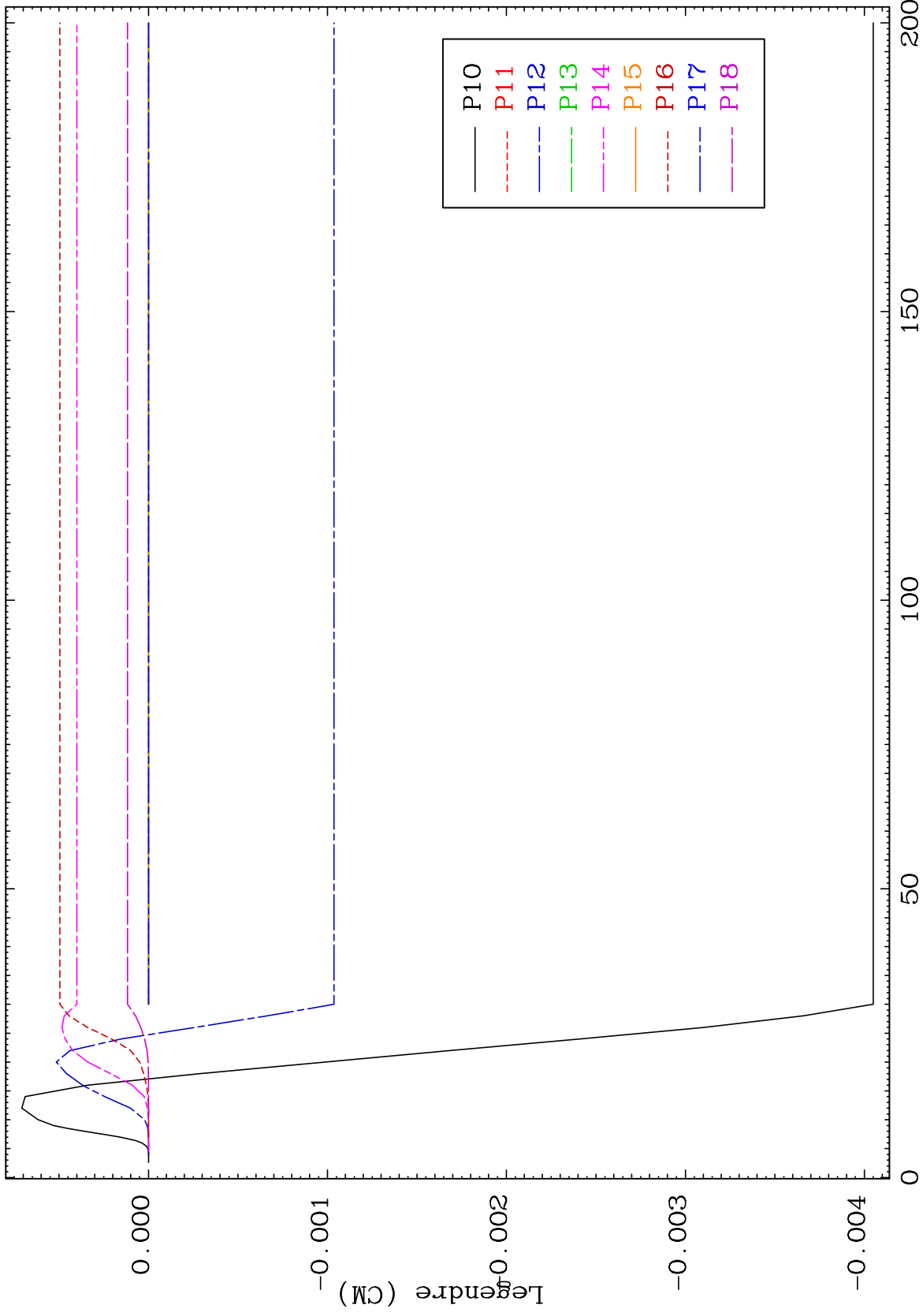
69

62-Sm-146

MAT 6231

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

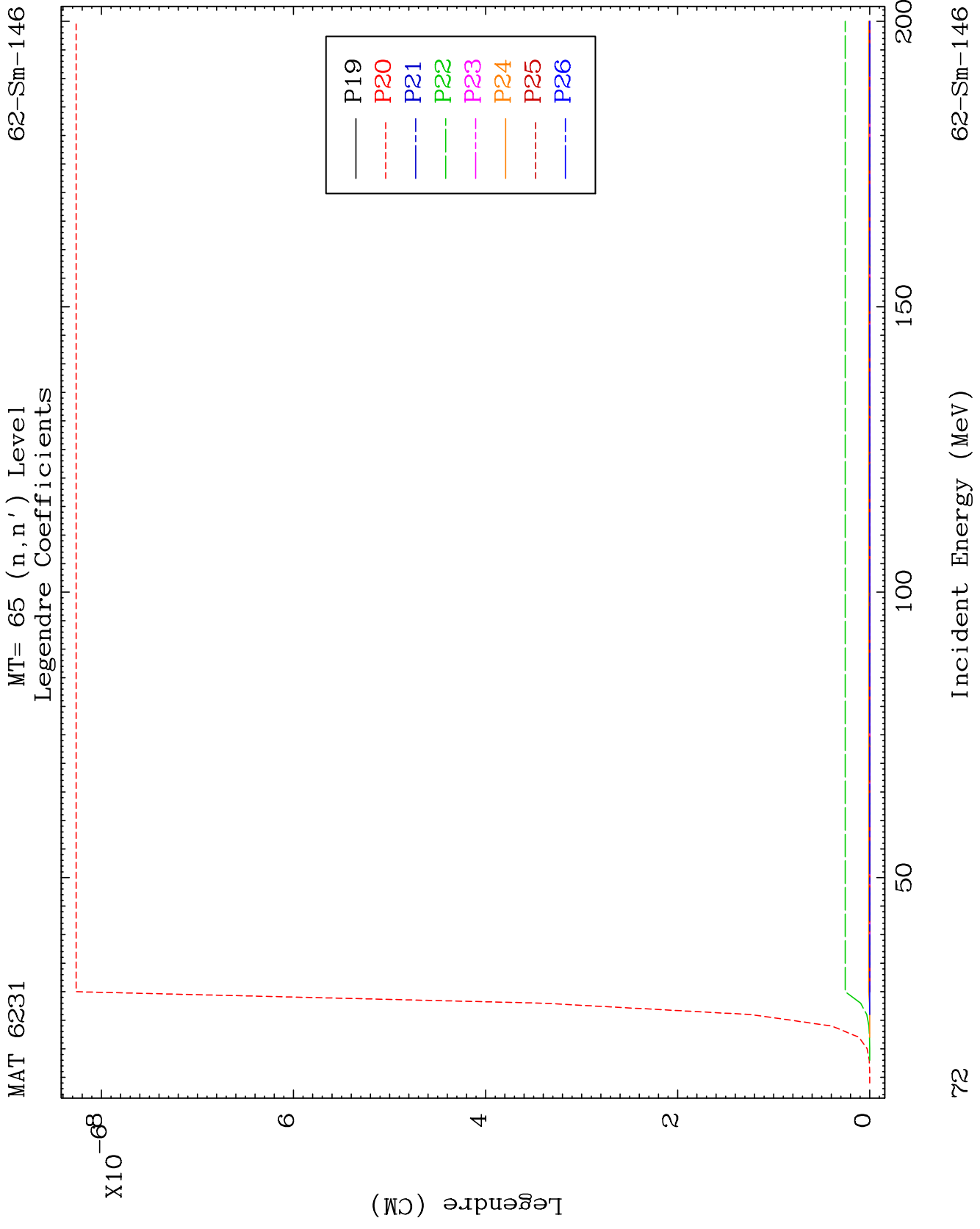
62-Sm-146



71

Incident Energy (MeV)

62-Sm-146

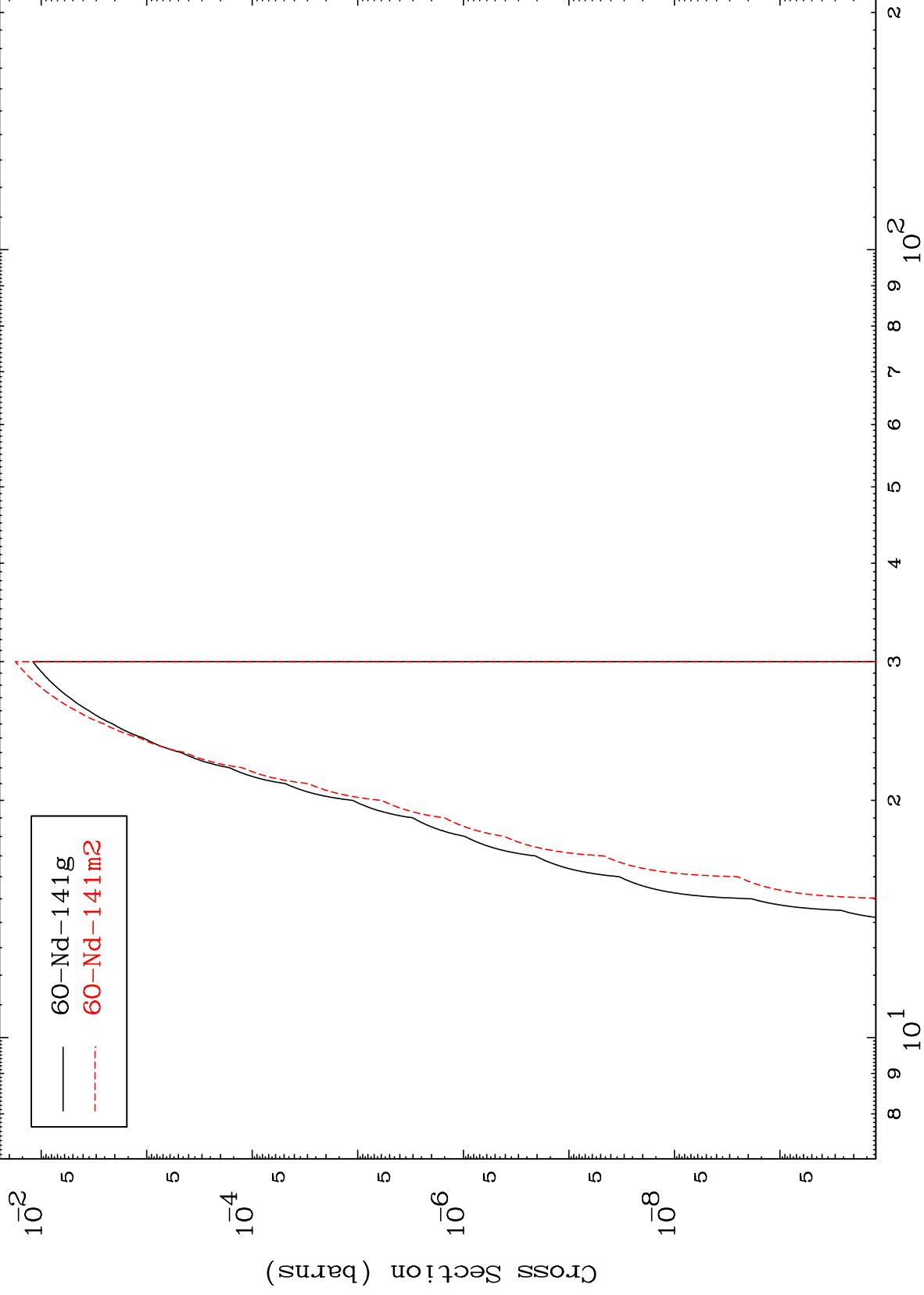


MAT 6231

(n,2n) α

62-Sm-146

Radionuclide Production Cross Section



73

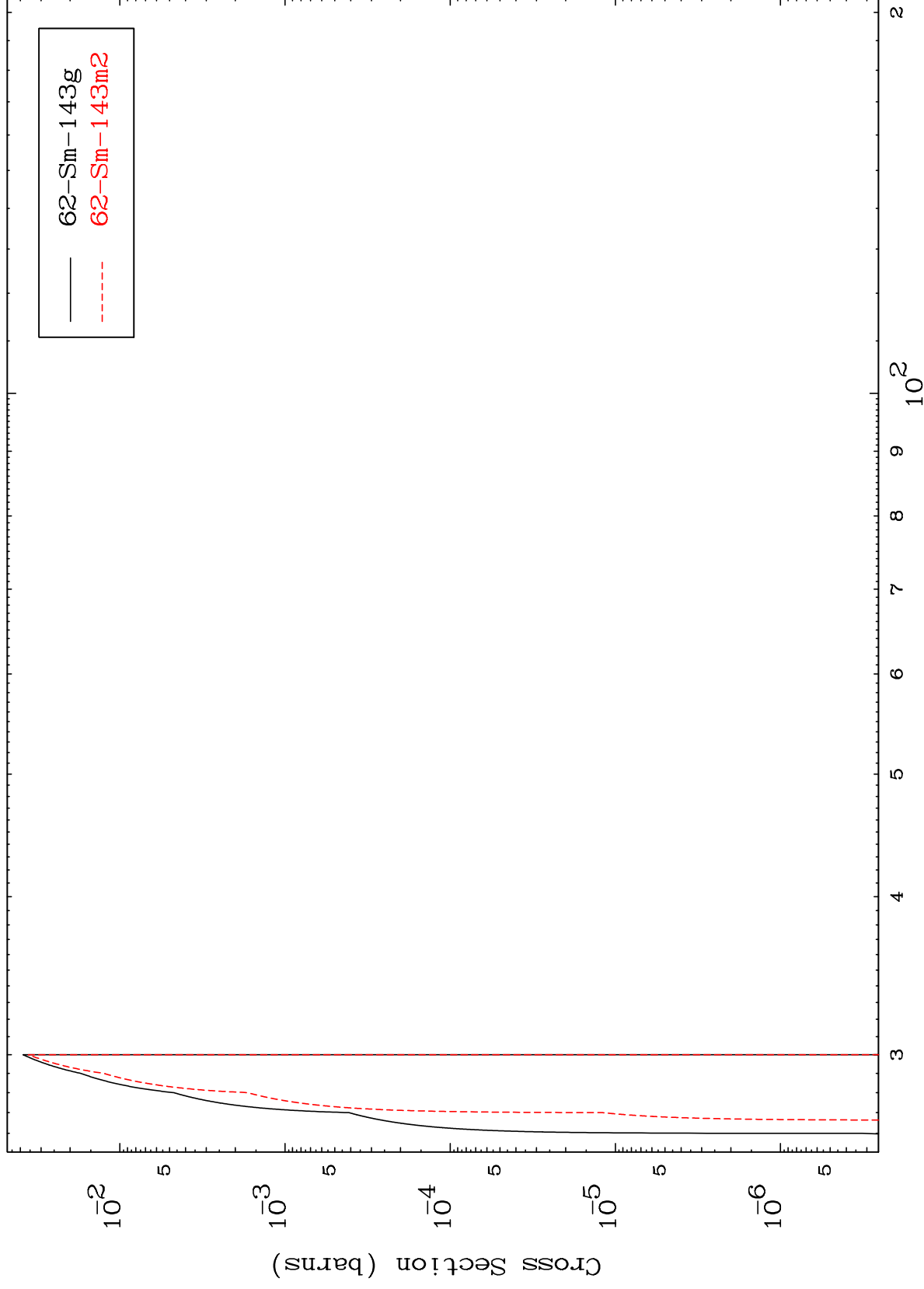
Incident Energy (MeV)

62-Sm-146

MAT 6231

62-Sm-146

(n,4n)
Radionuclide Production Cross Section



74

62-Sm-146

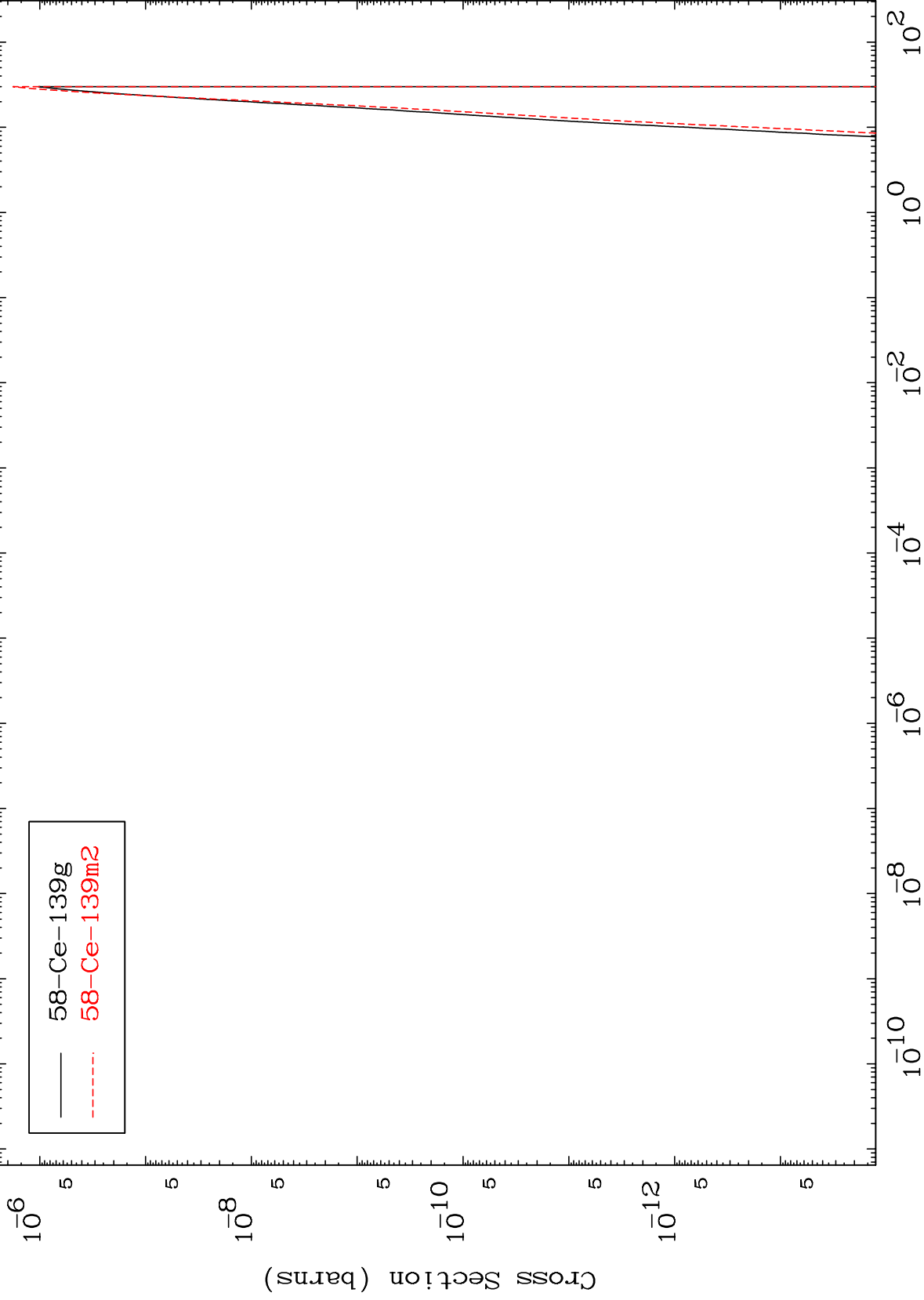
Incident Energy (MeV)

MAT 6231

(n,2α)

62-Sm-146

Radionuclide Production Cross Section



75

Incident Energy (MeV)

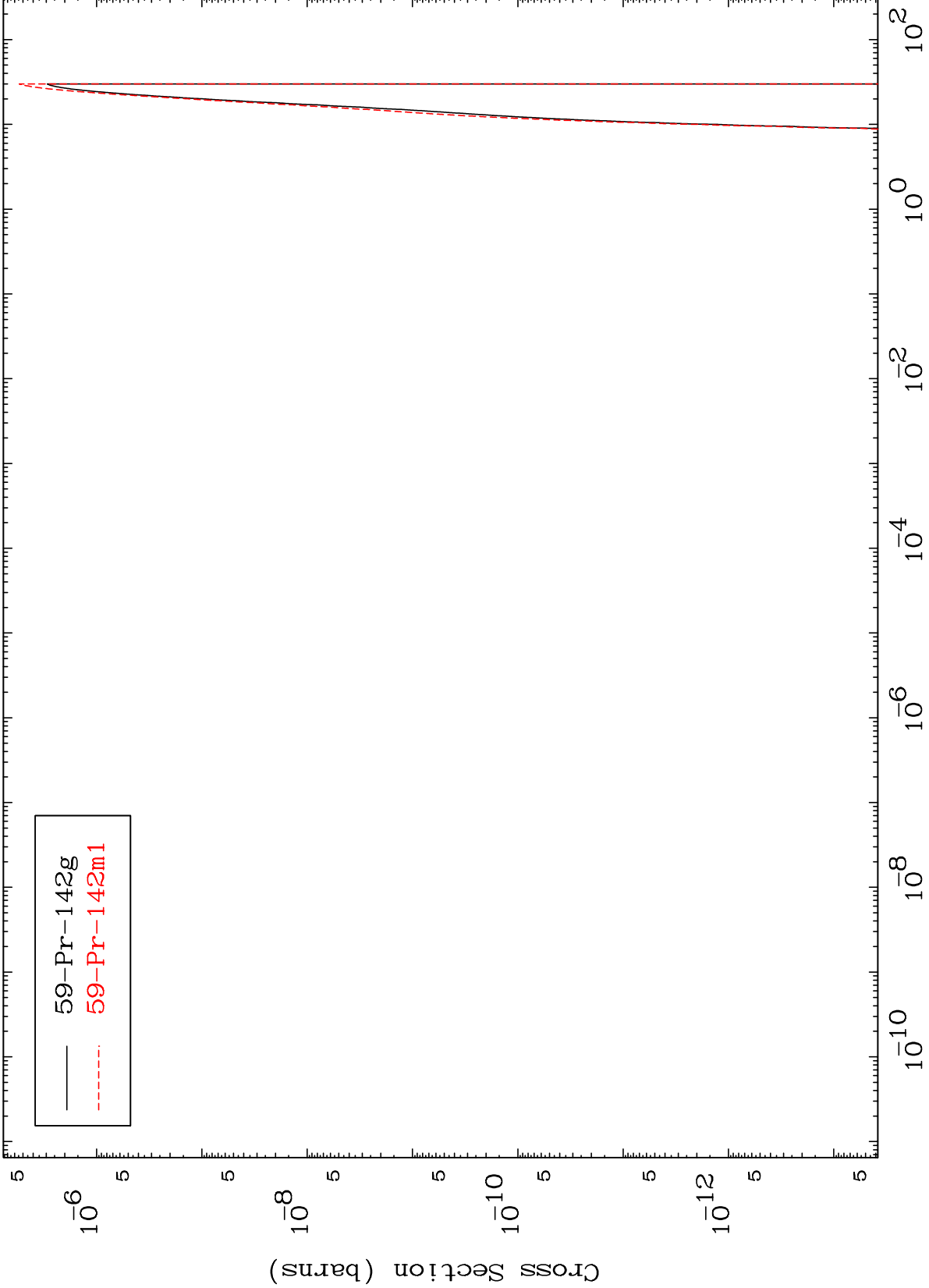
62-Sm-146

MAT 6231

(n,p) α

62-Sm-146

Radionuclide Production Cross Section



76

Incident Energy (MeV)

62-Sm-146