

Program EVALPLOT
(Version 2018-1)

by

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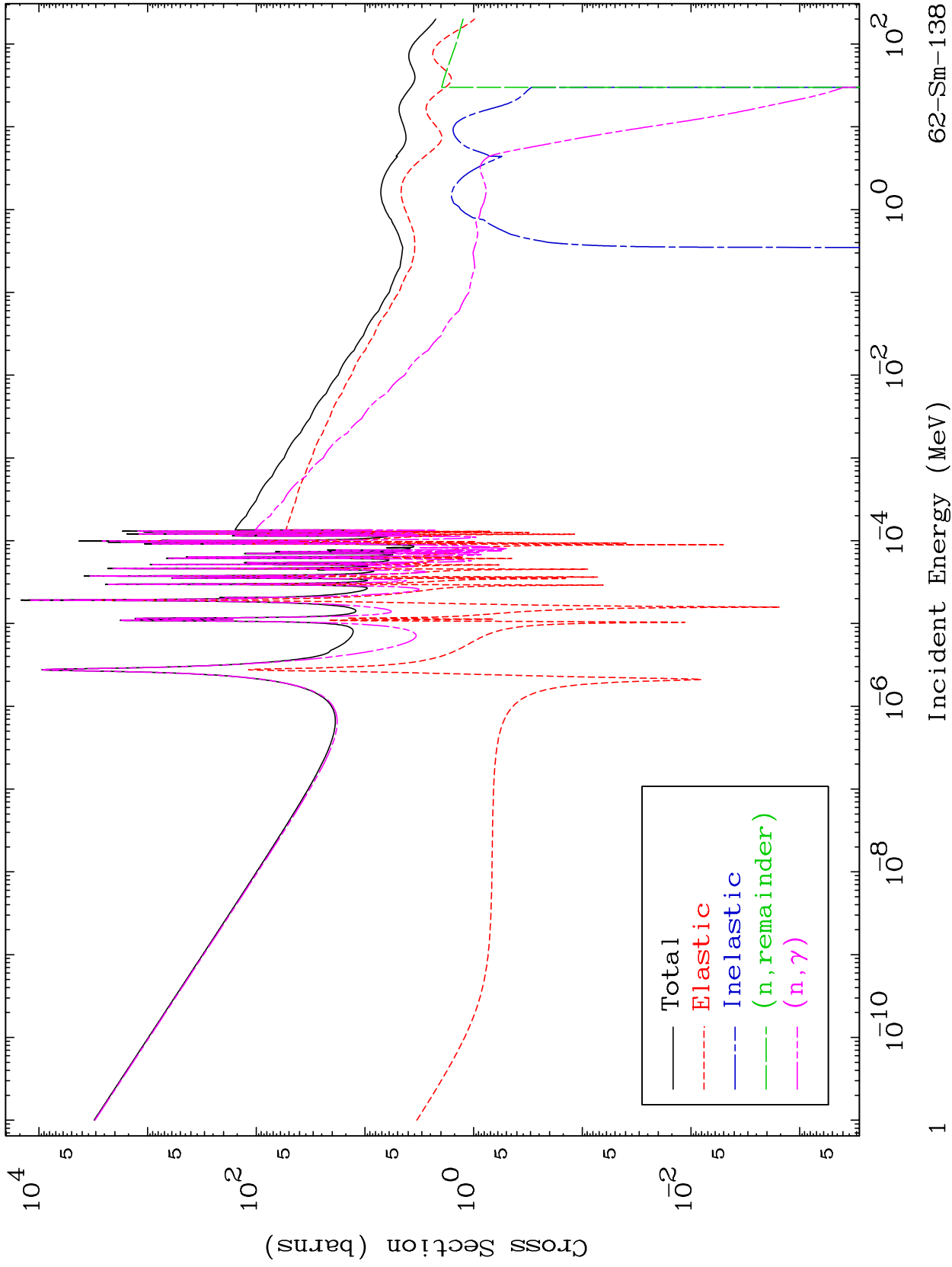
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Press Mouse Button to Start

MAT 6207

Major
293 Kelvin Cross Sections

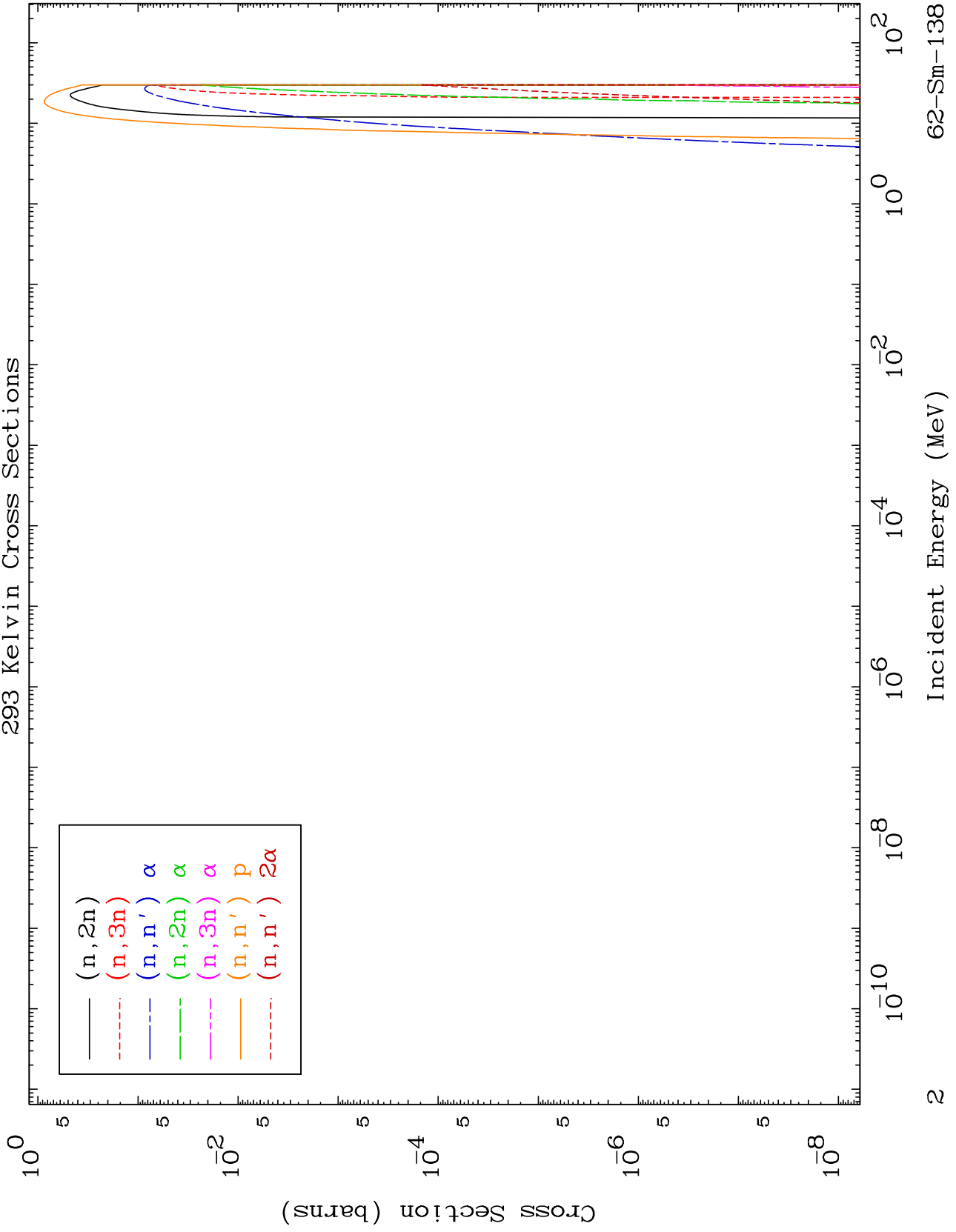
62-Sm-138

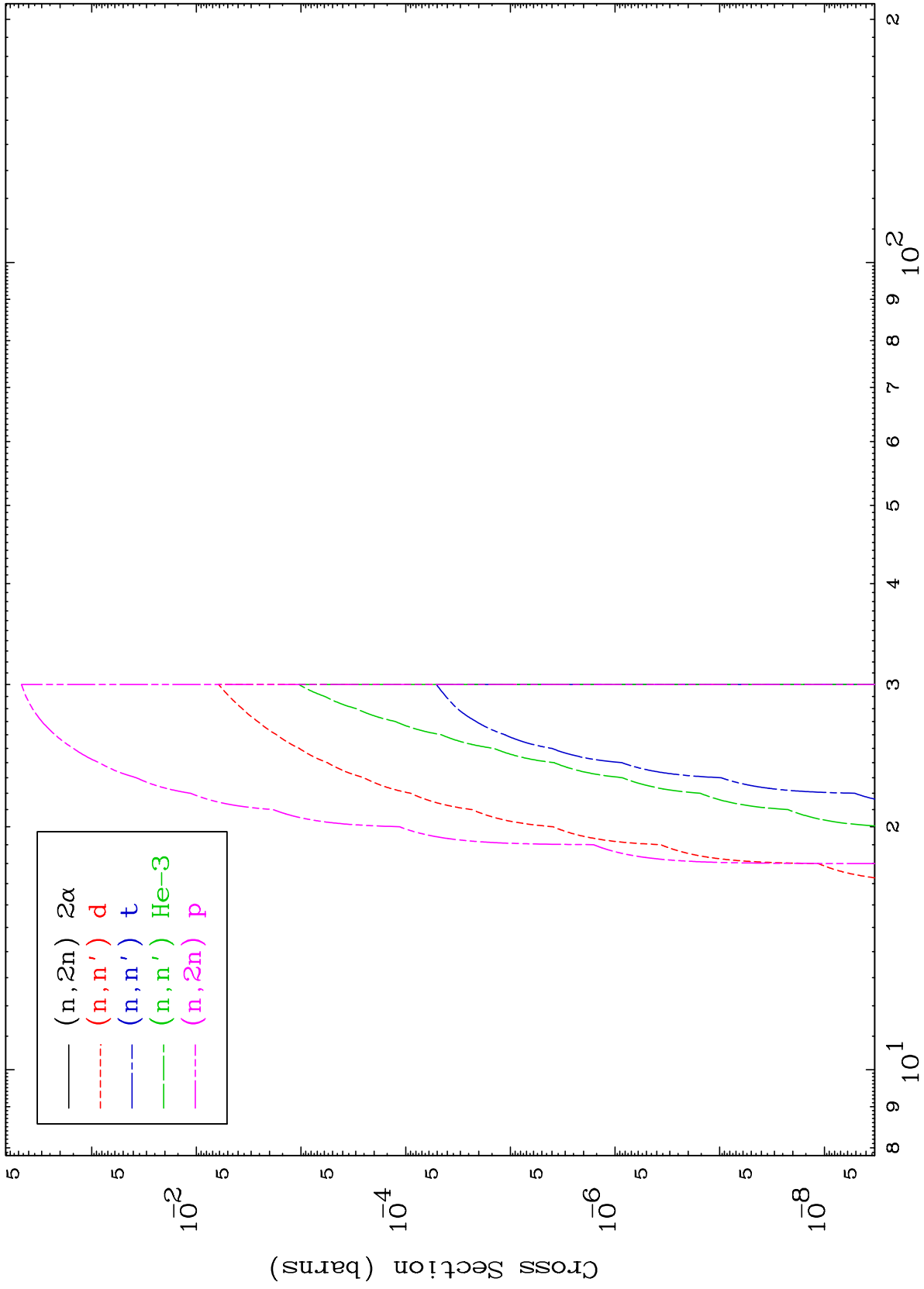


MAT 6207

Neutron Production
293 Kelvin Cross Sections

62-Sm-138

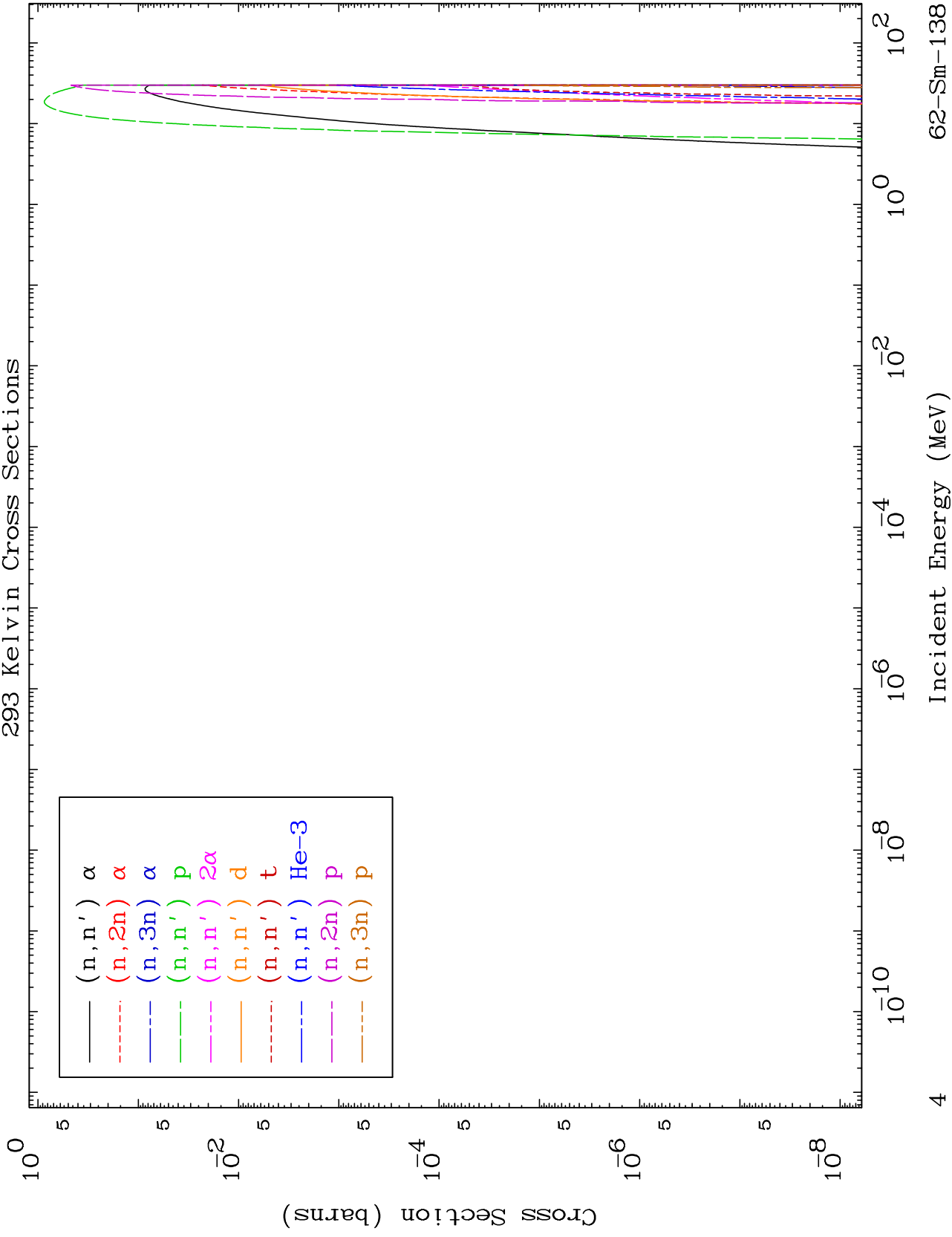




MAT 6207

Charged Particle
293 Kelvin Cross Sections

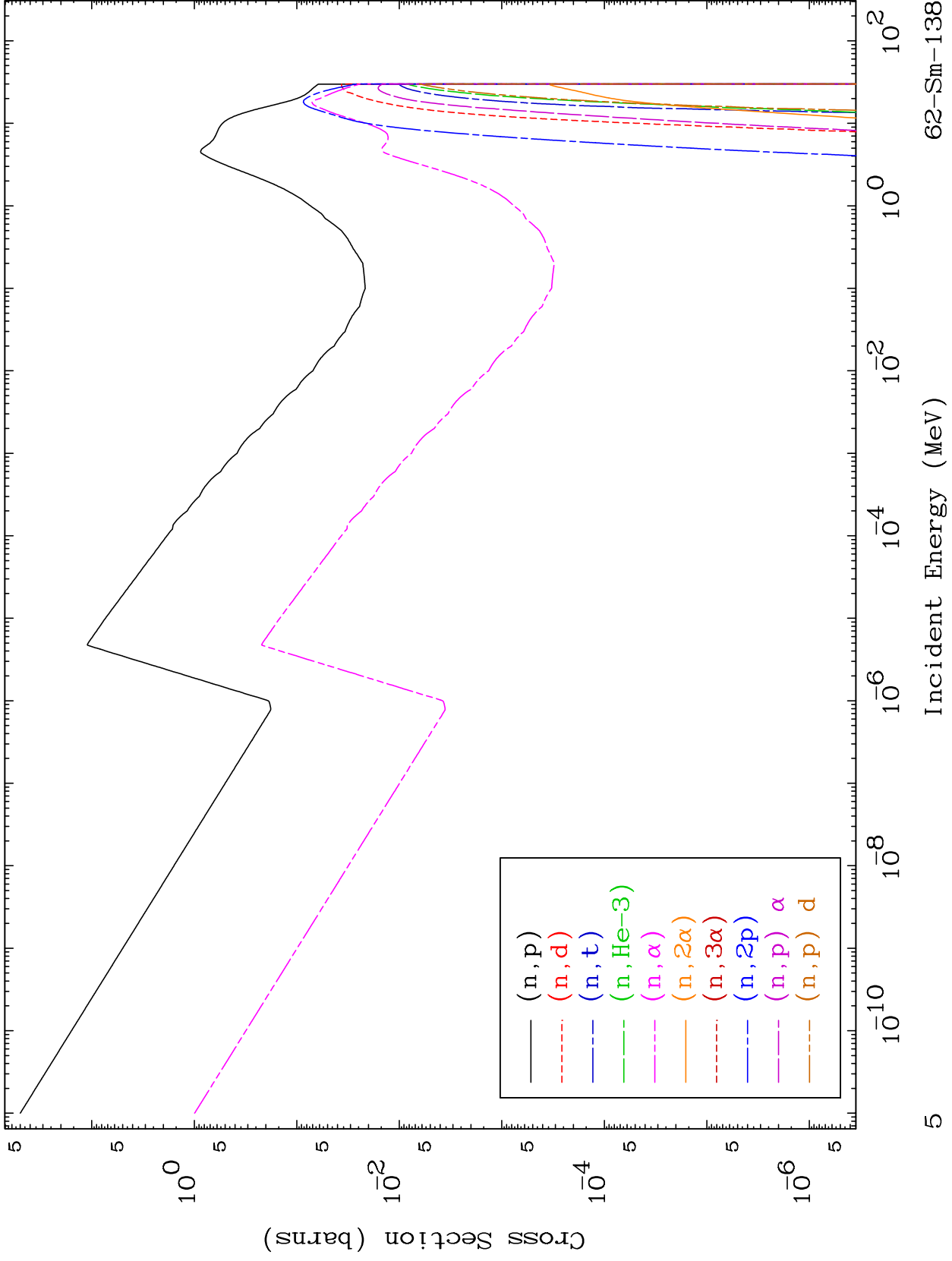
62-Sm-138



MAT 6207

Charged Particle
293 Kelvin Cross Sections

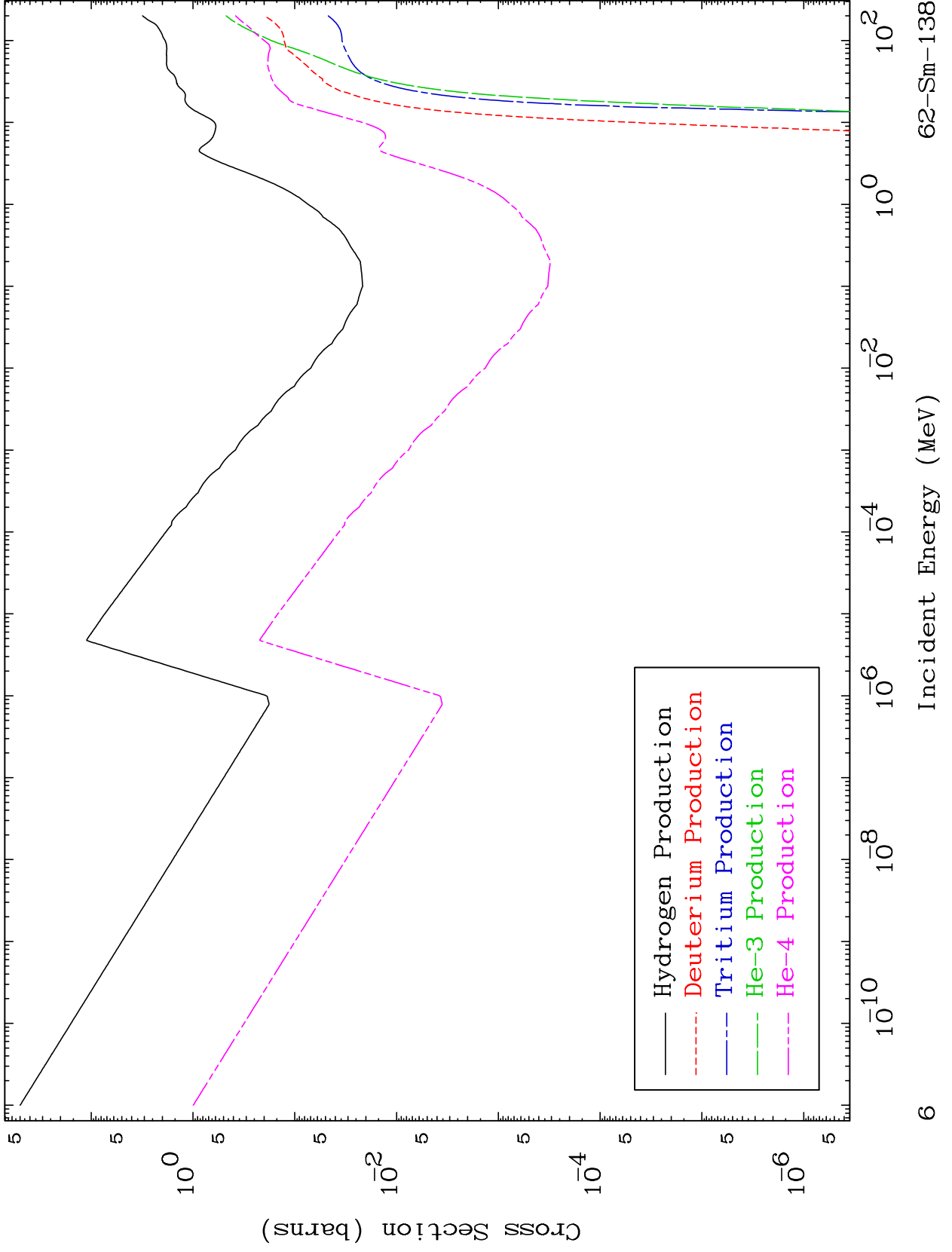
62-Sm-138



MAT 6207

Particle Production
293 Kelvin Cross Sections

62-Sm-138

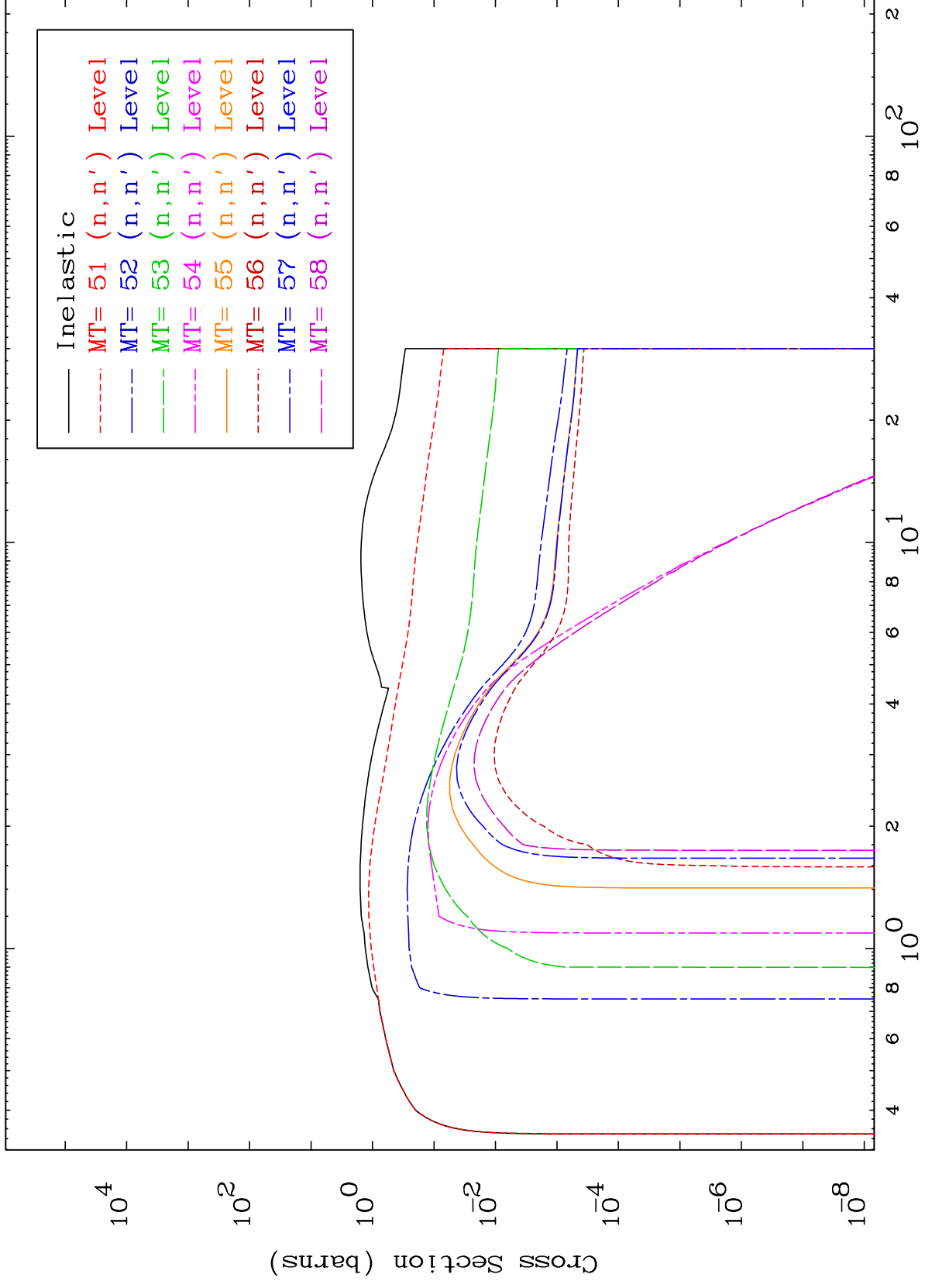


MAT 6207

(n,n') Level

62-Sm-138

293 Kelvin Cross Sections

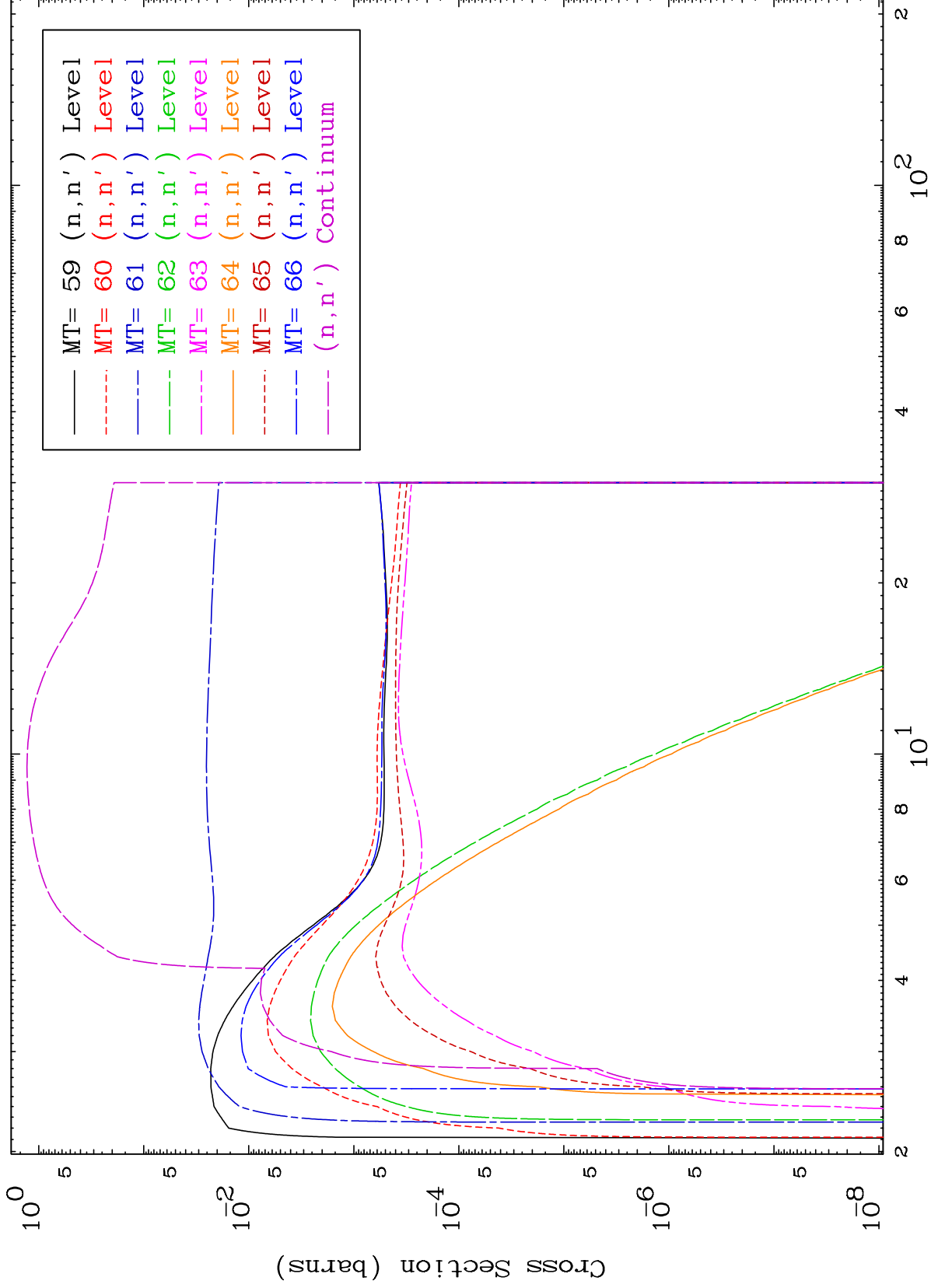


MAT 6207

(n,n') Level

62-Sm-138

293 Kelvin Cross Sections



8

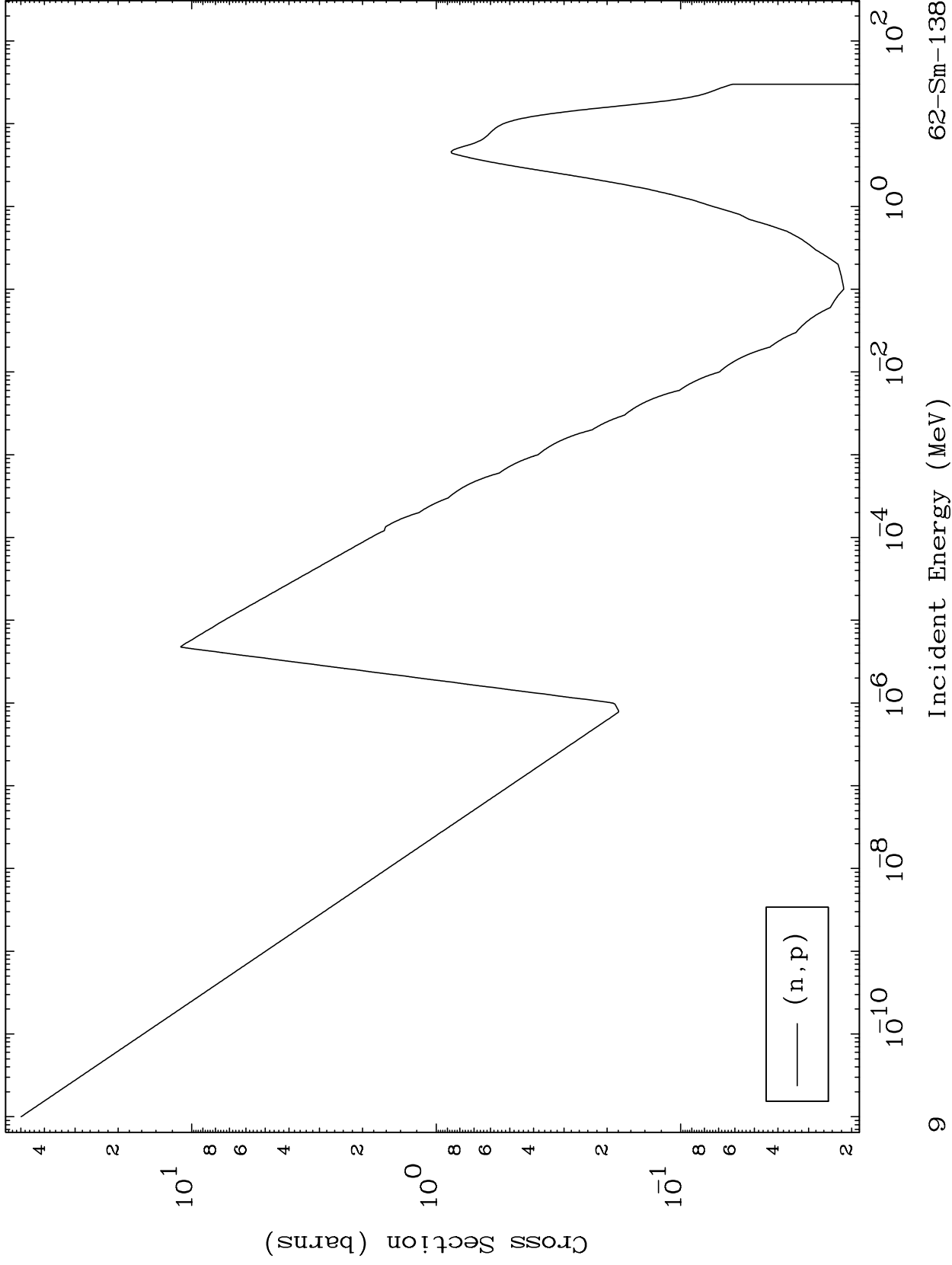
Incident Energy (MeV)

62-Sm-138

MAT 6207

(n,p) Levels
293 Kelvin Cross Sections

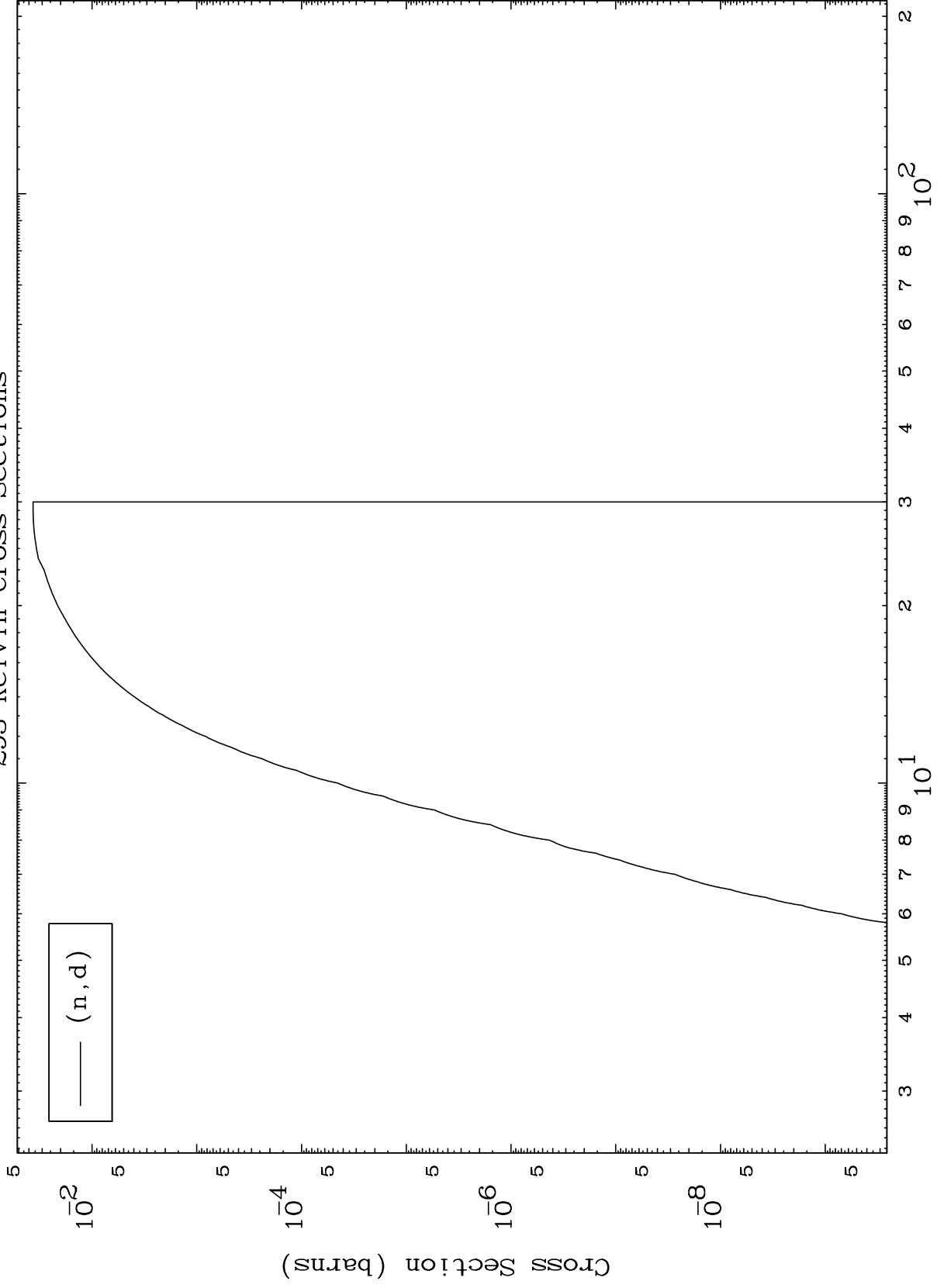
62-Sm-138



MAT 6207

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-138



10

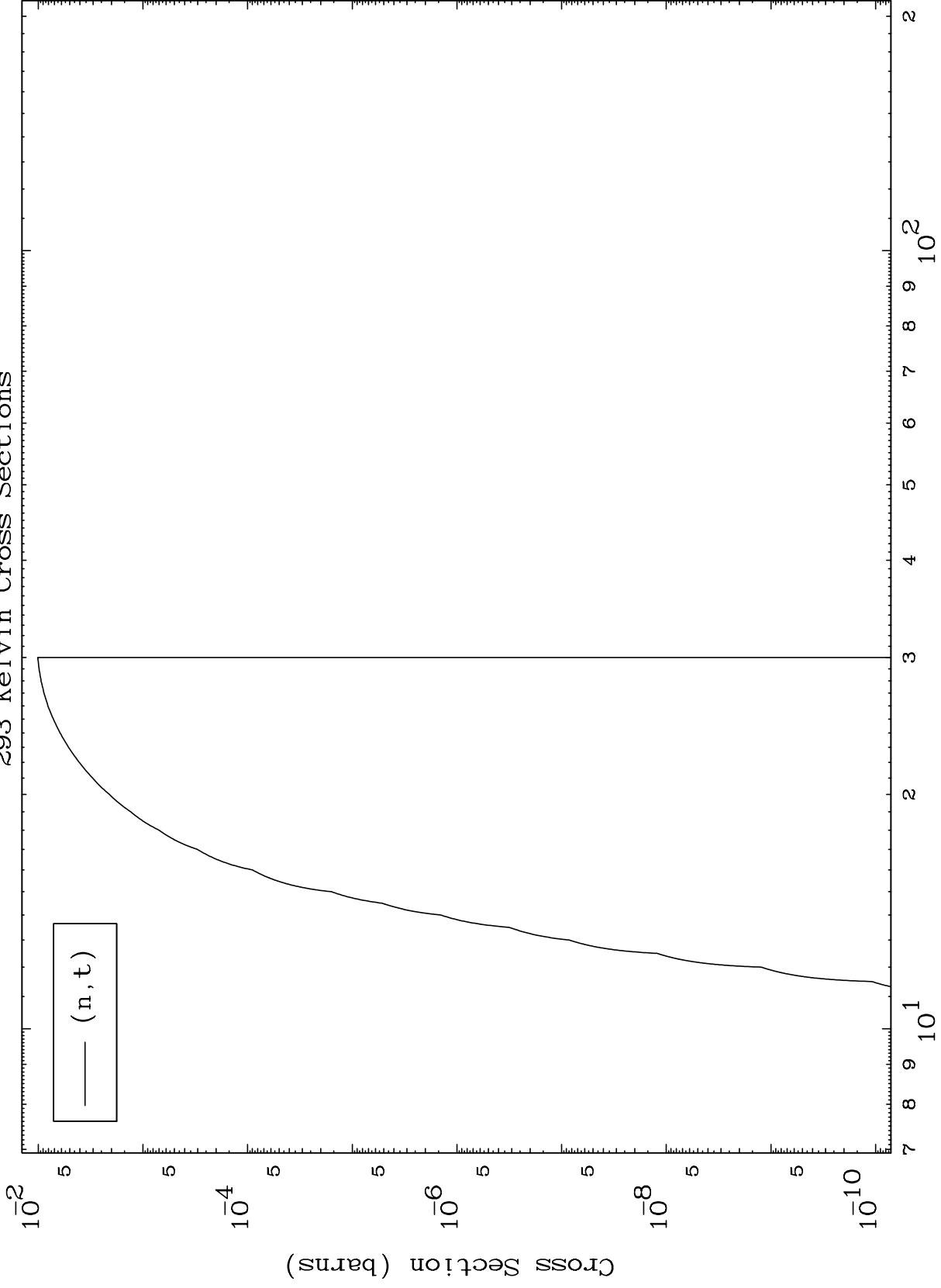
Incident Energy (MeV)

62-Sm-138

MAT 6207

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-138



11

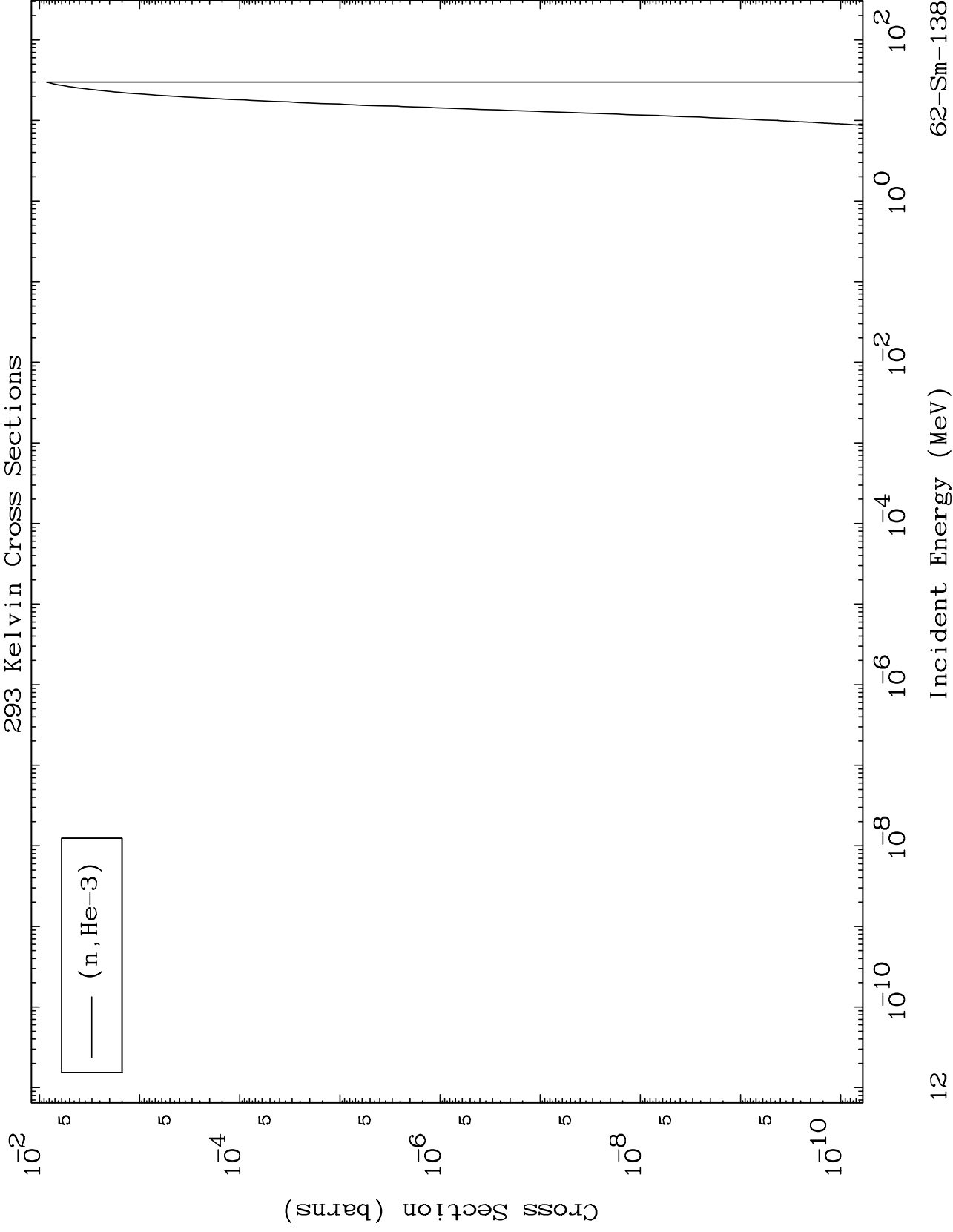
Incident Energy (MeV)

62-Sm-138

MAT 6207

(n,He3) Levels
293 Kelvin Cross Sections

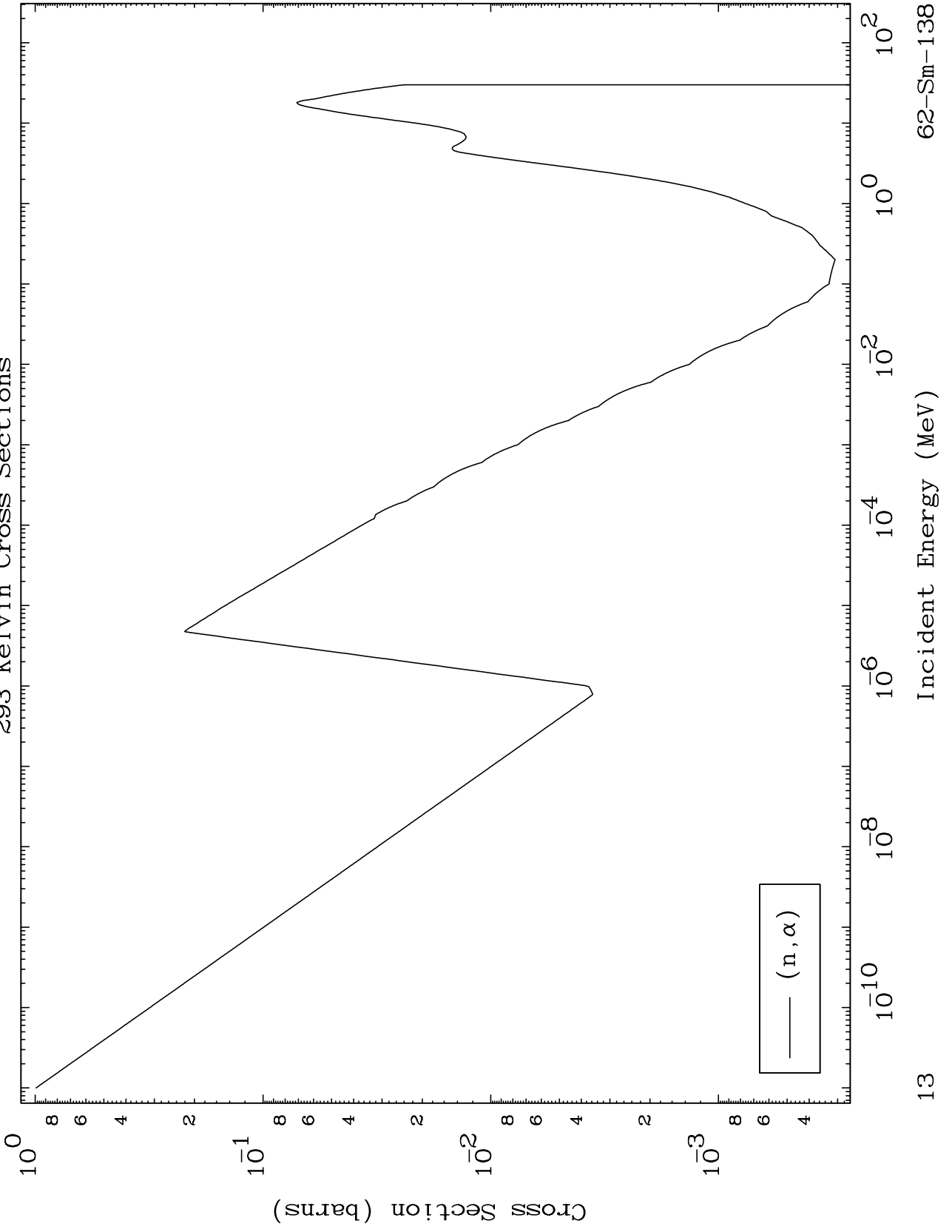
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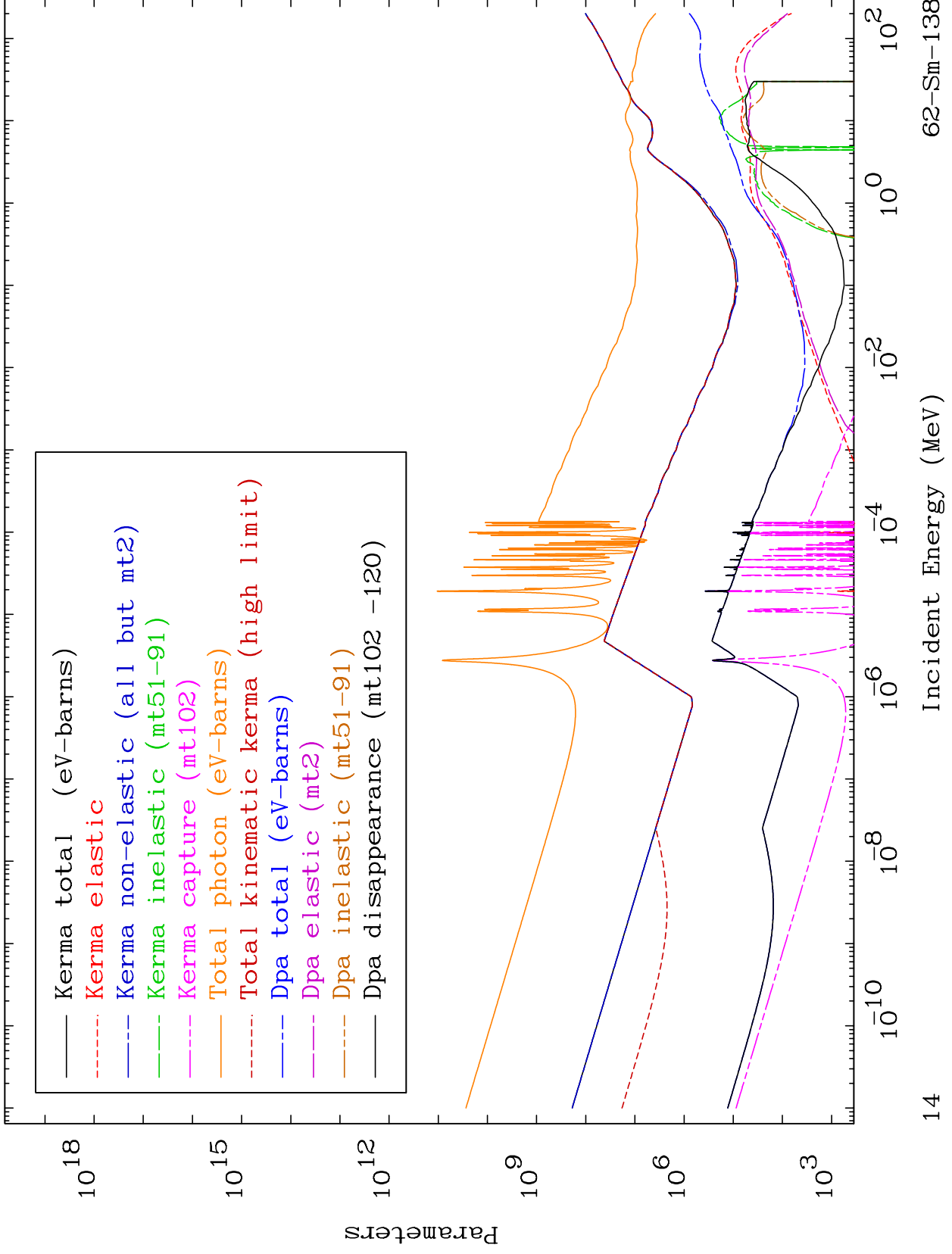


MAT 6207

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-138

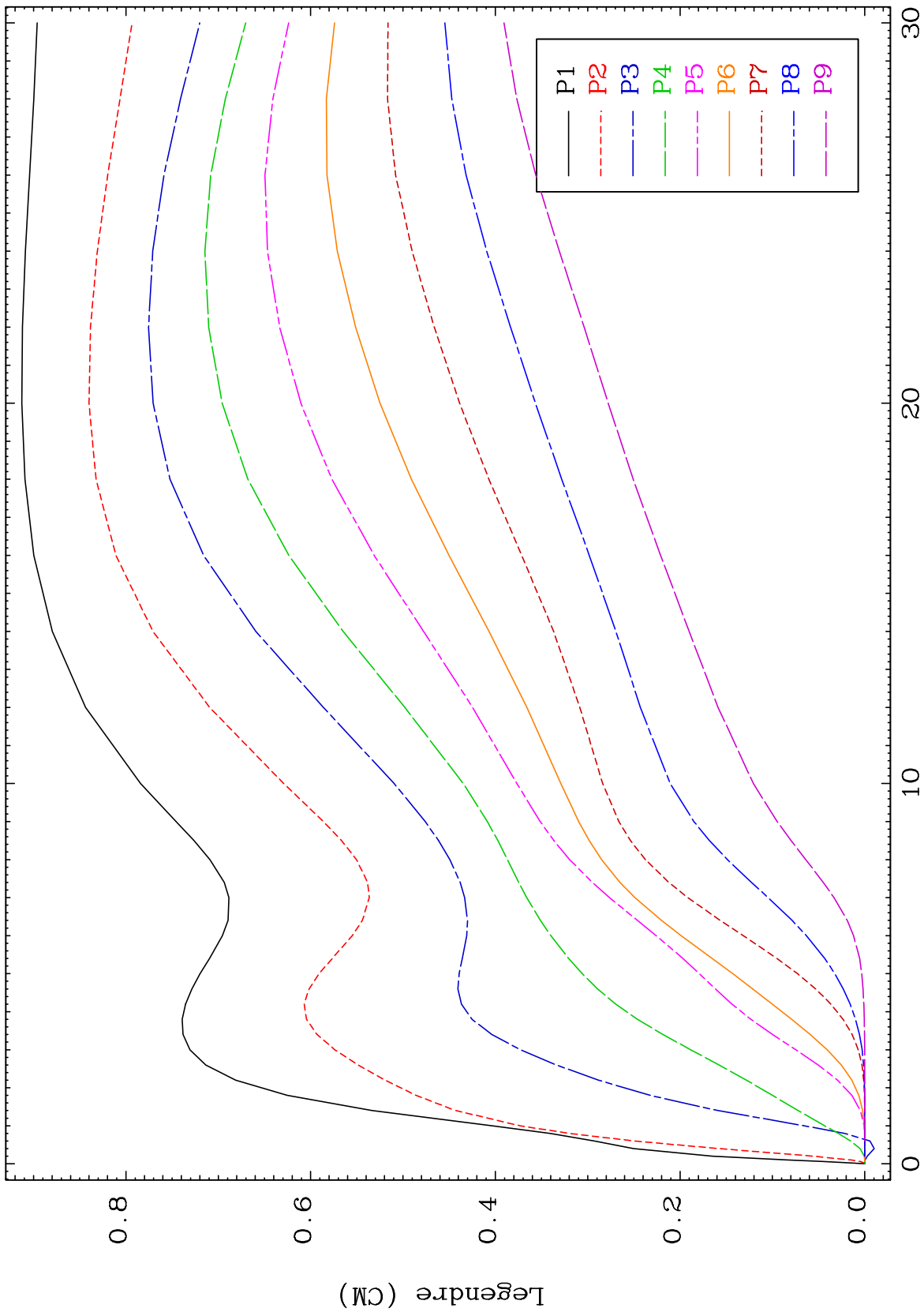




MAT 6207

Elastic Legendre Coefficients

62-Sm-138



15

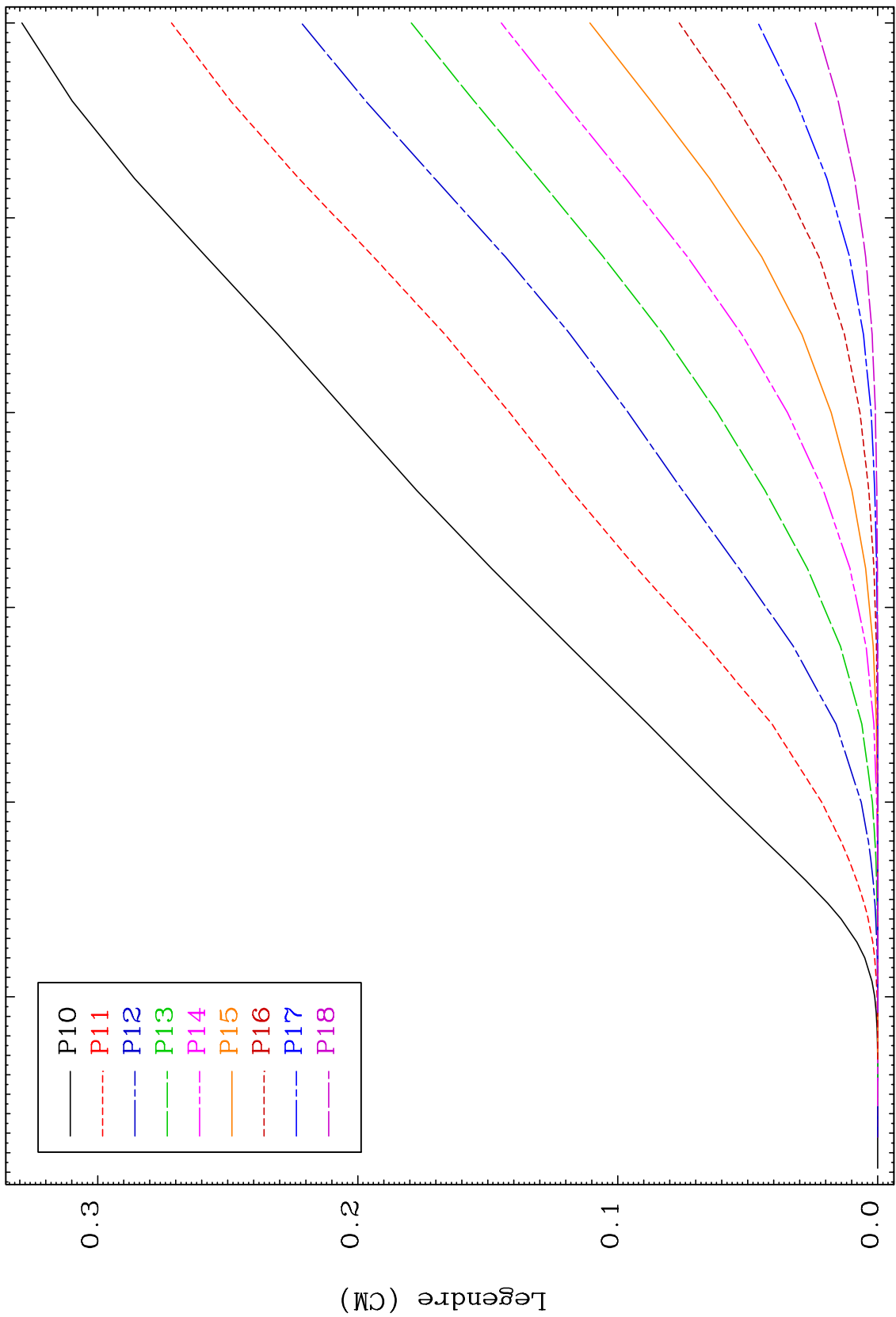
Incident Energy (MeV)

62-Sm-138

MAT 6207

Elastic Legendre Coefficients

62-Sm-138



16

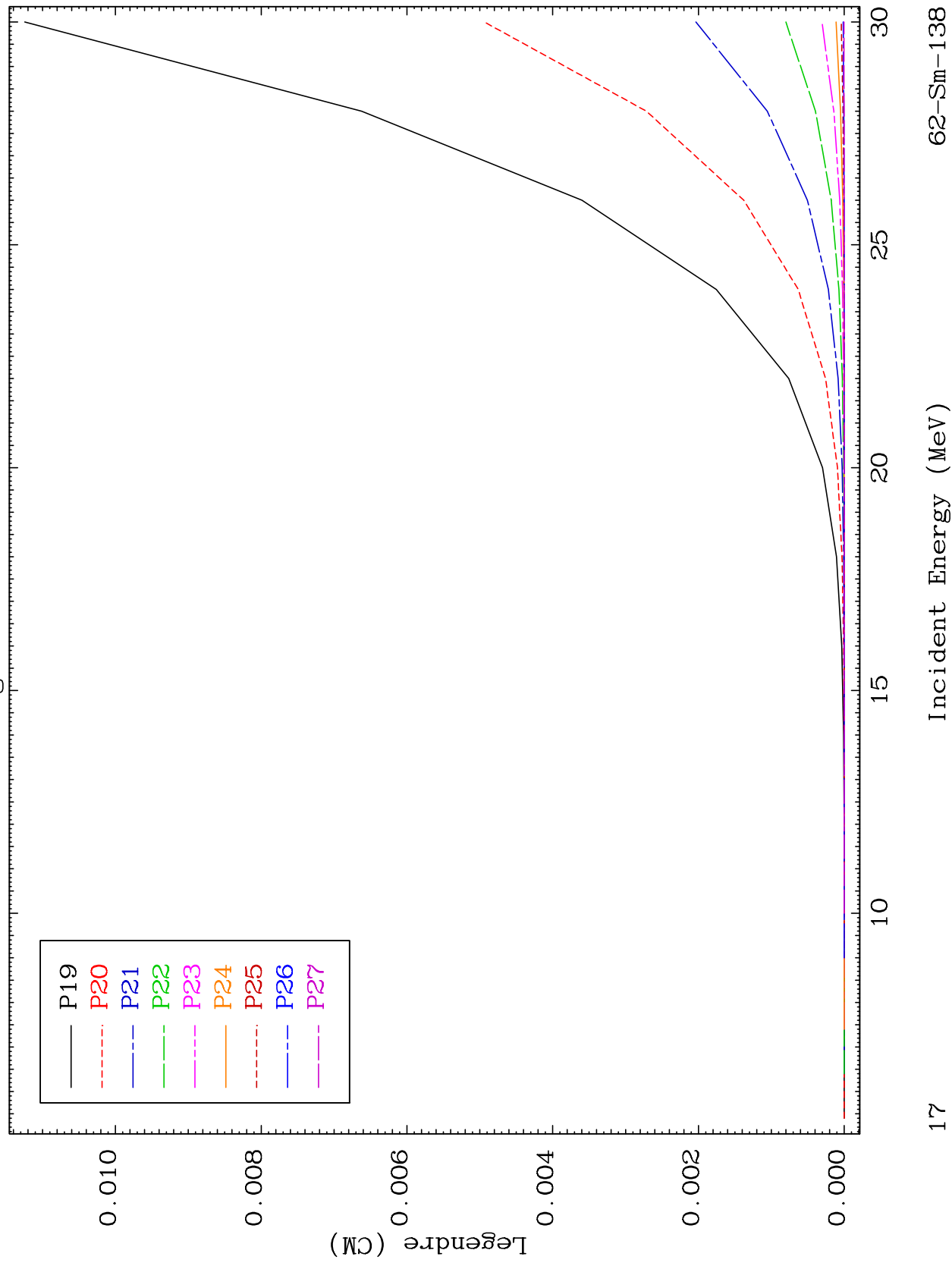
Incident Energy (MeV)

62-Sm-138

MAT 6207

Elastic Legendre Coefficients

62-Sm-138

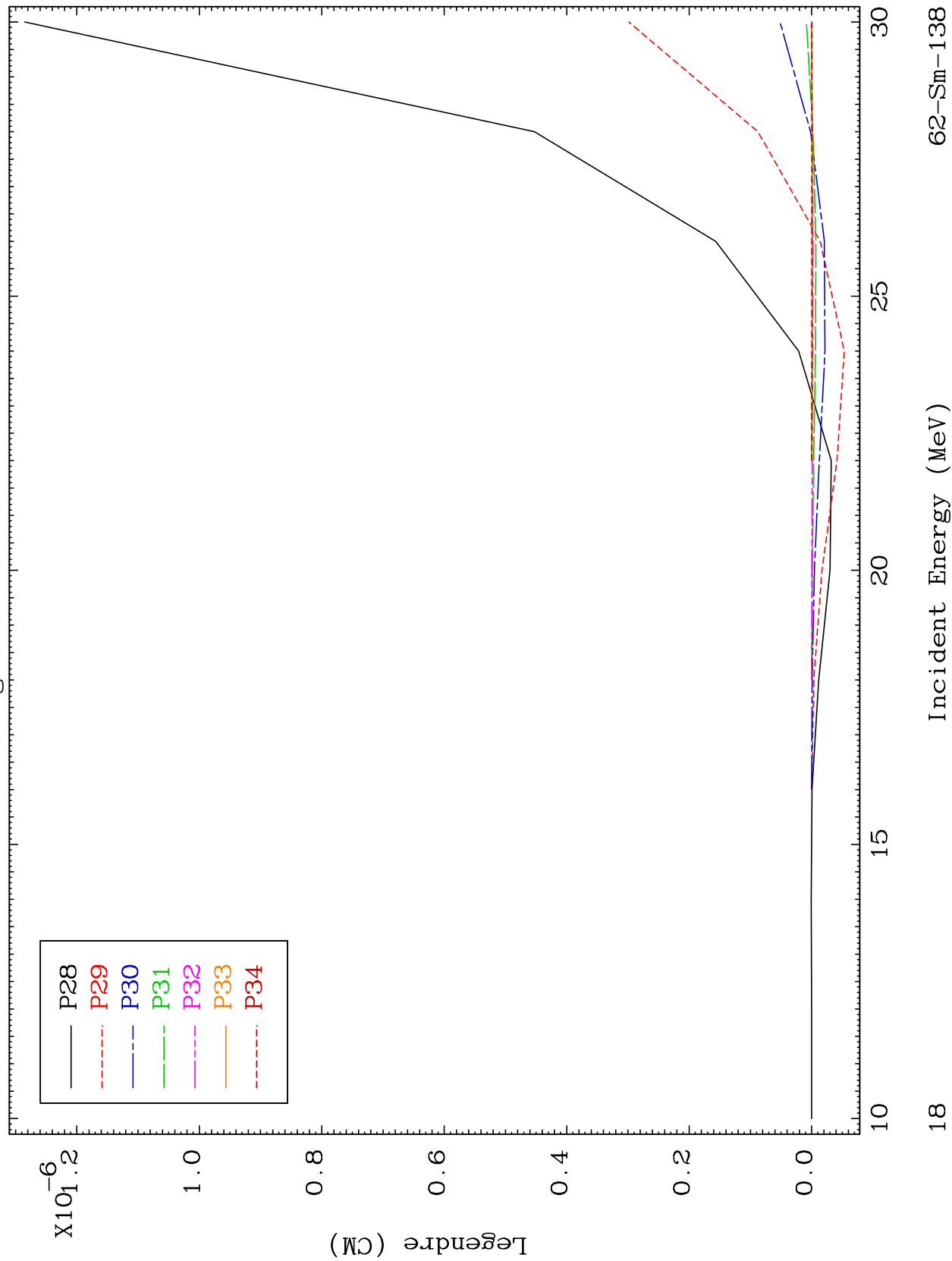


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 6207

Elastic Legendre Coefficients

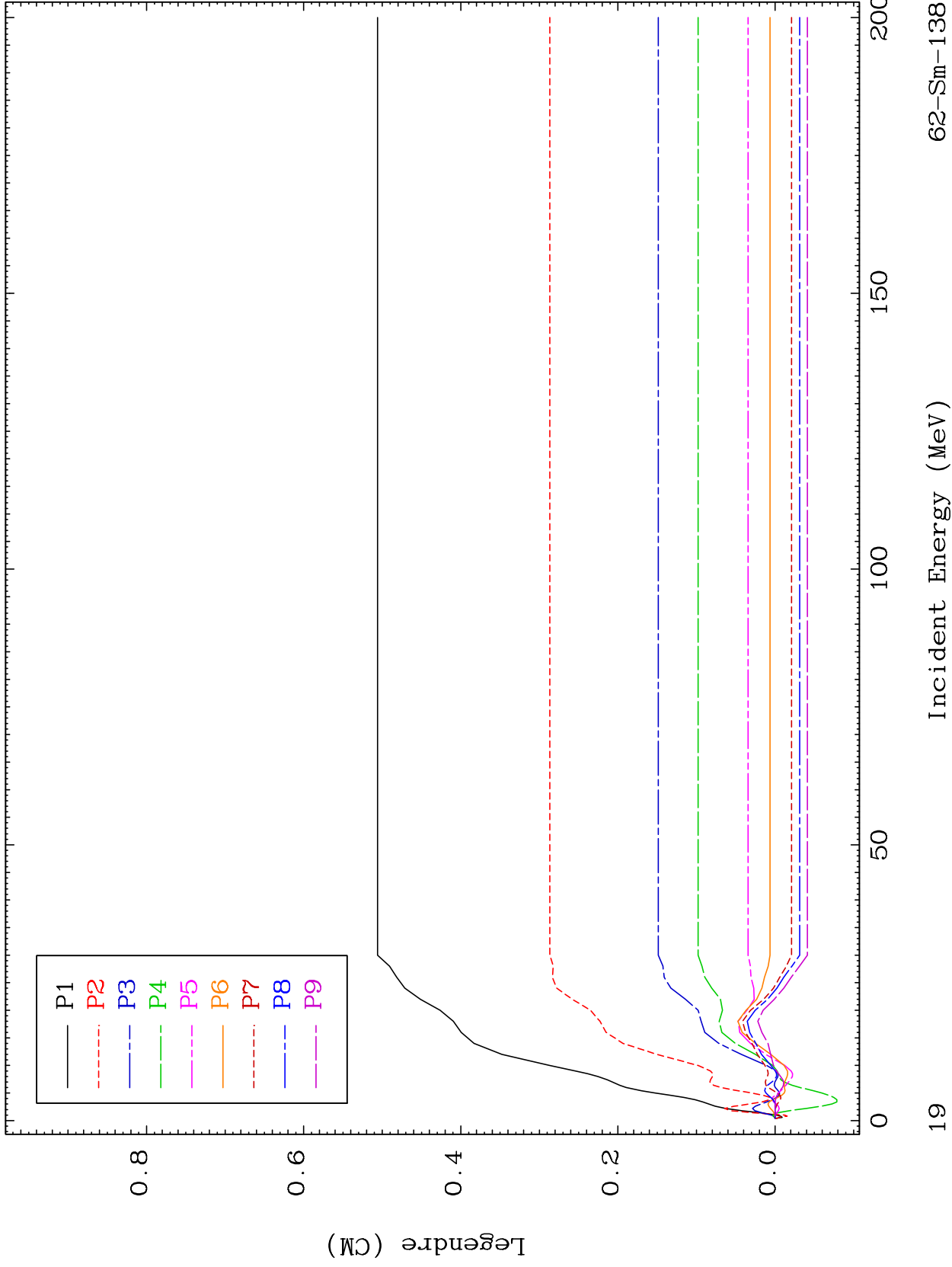
62-Sm-138



18

Incident Energy (MeV)

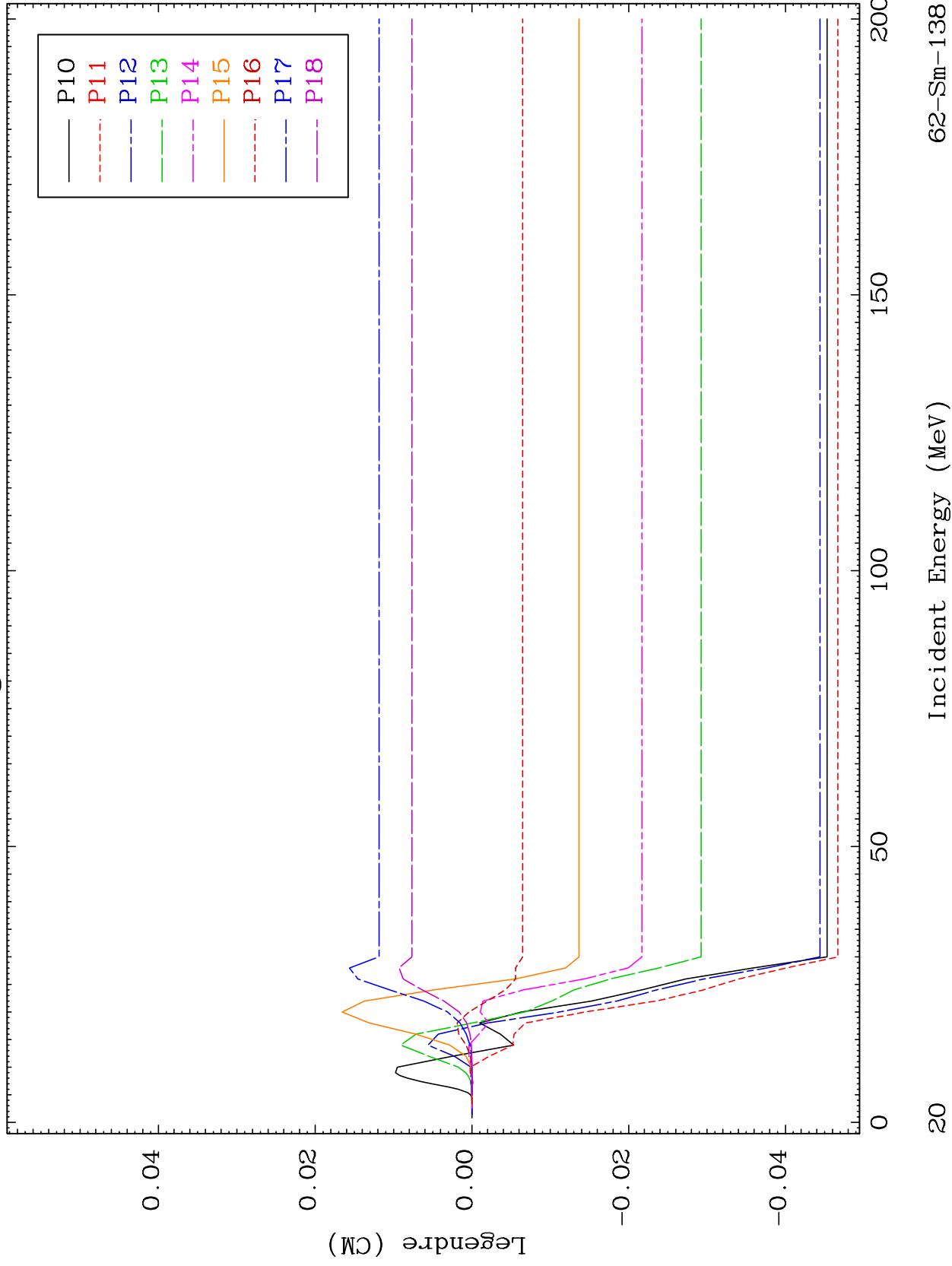
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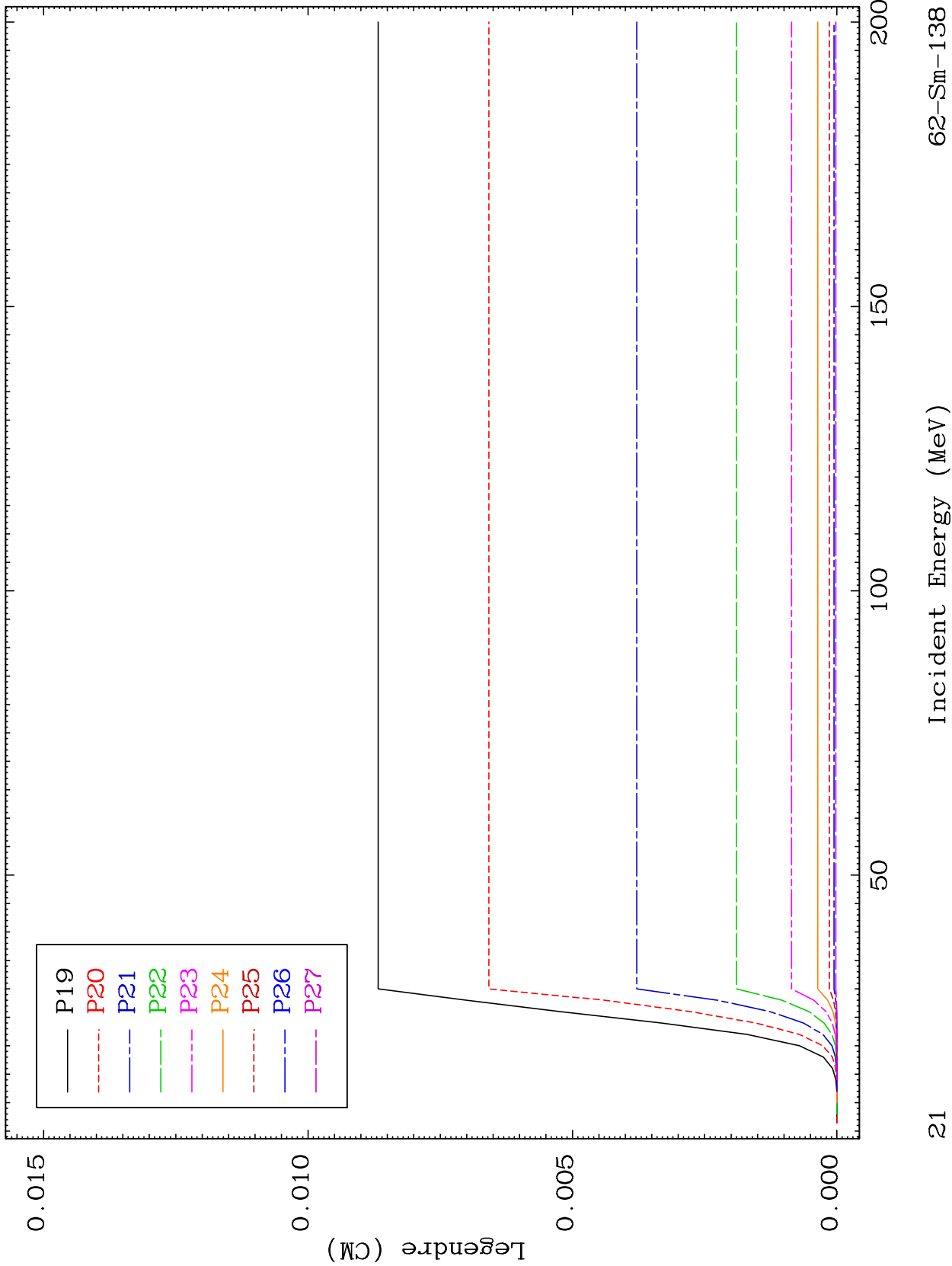


MAT 6207

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

62-Sm-138

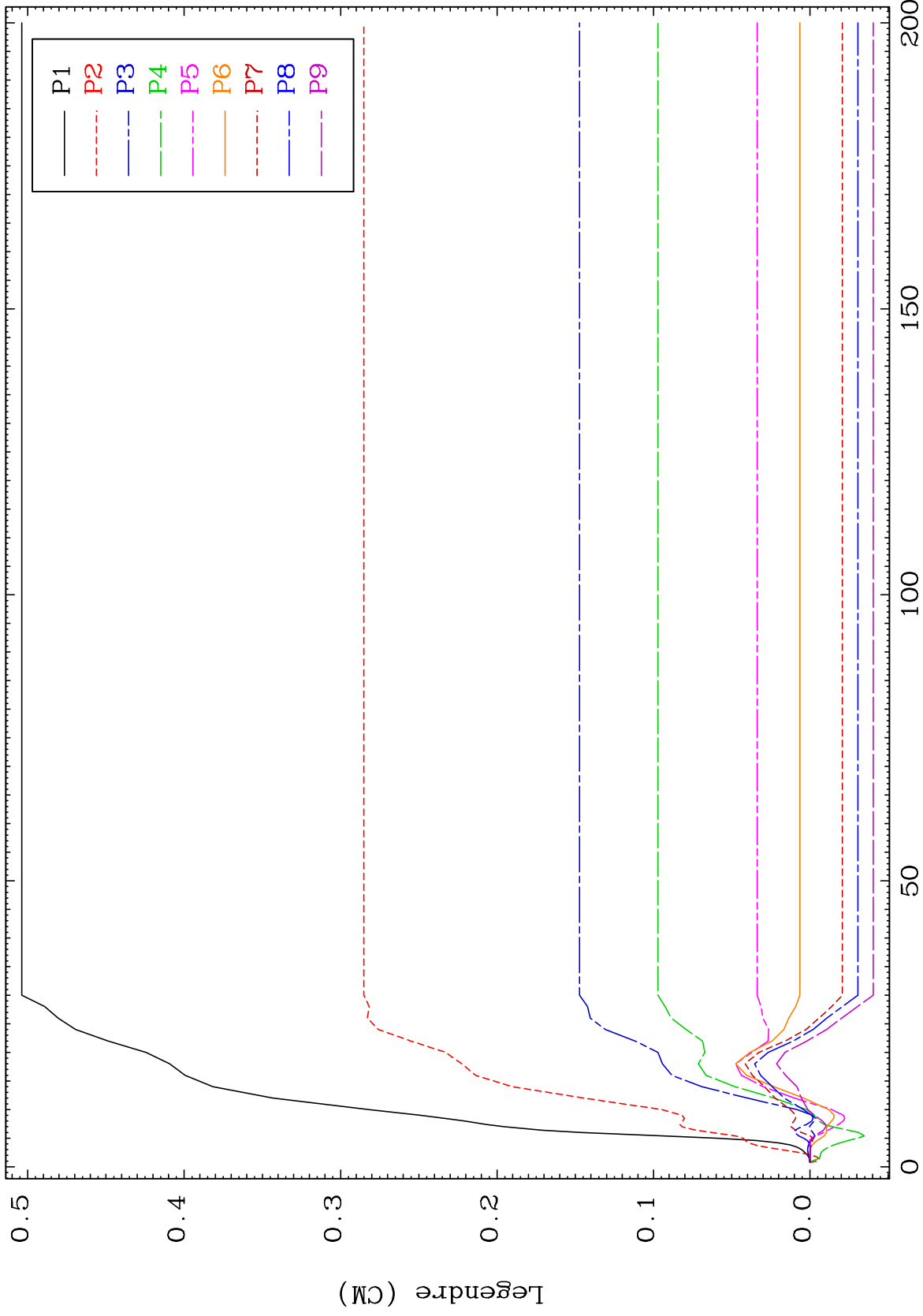




MAT 6207

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

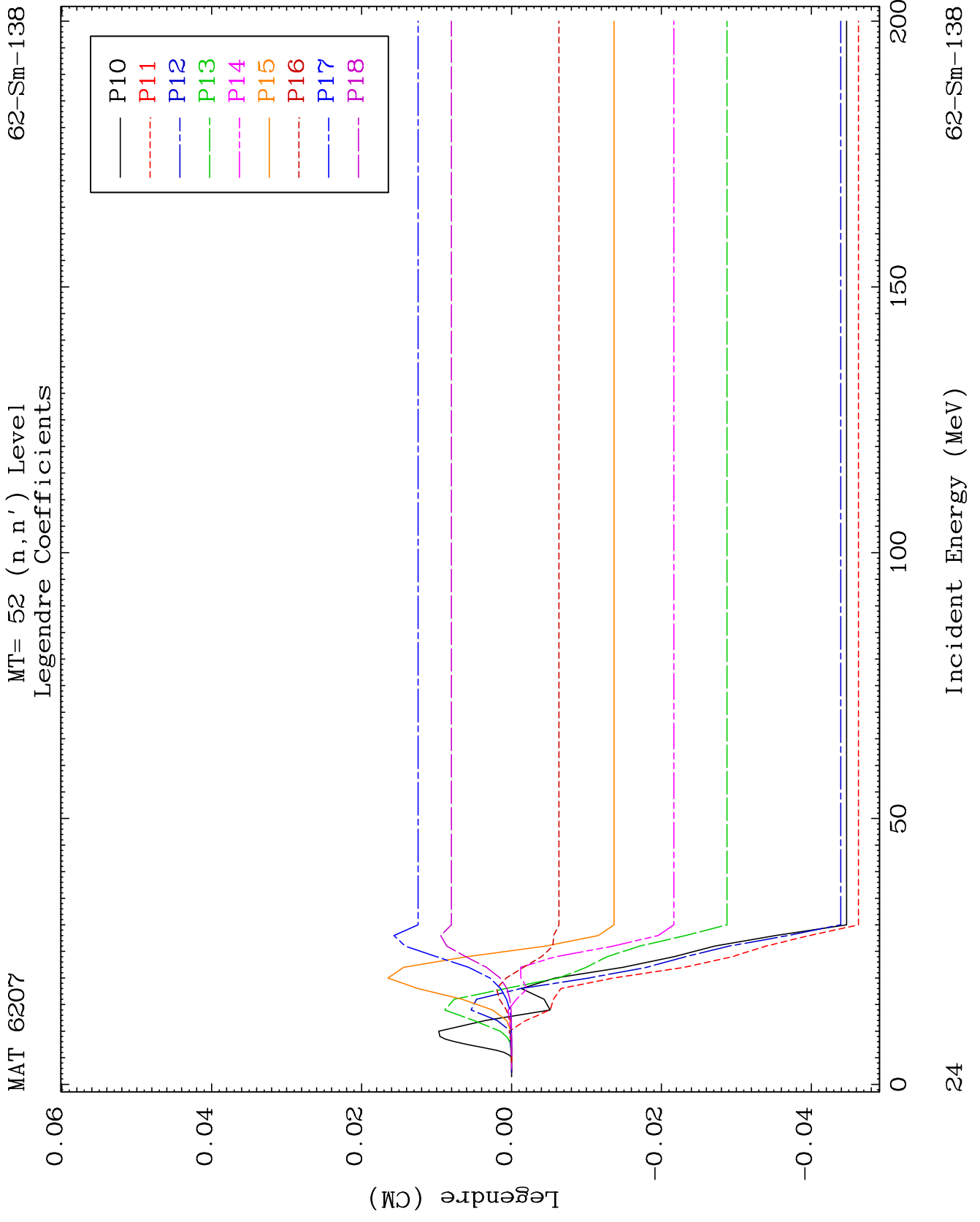
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23

Incident Energy (MeV)

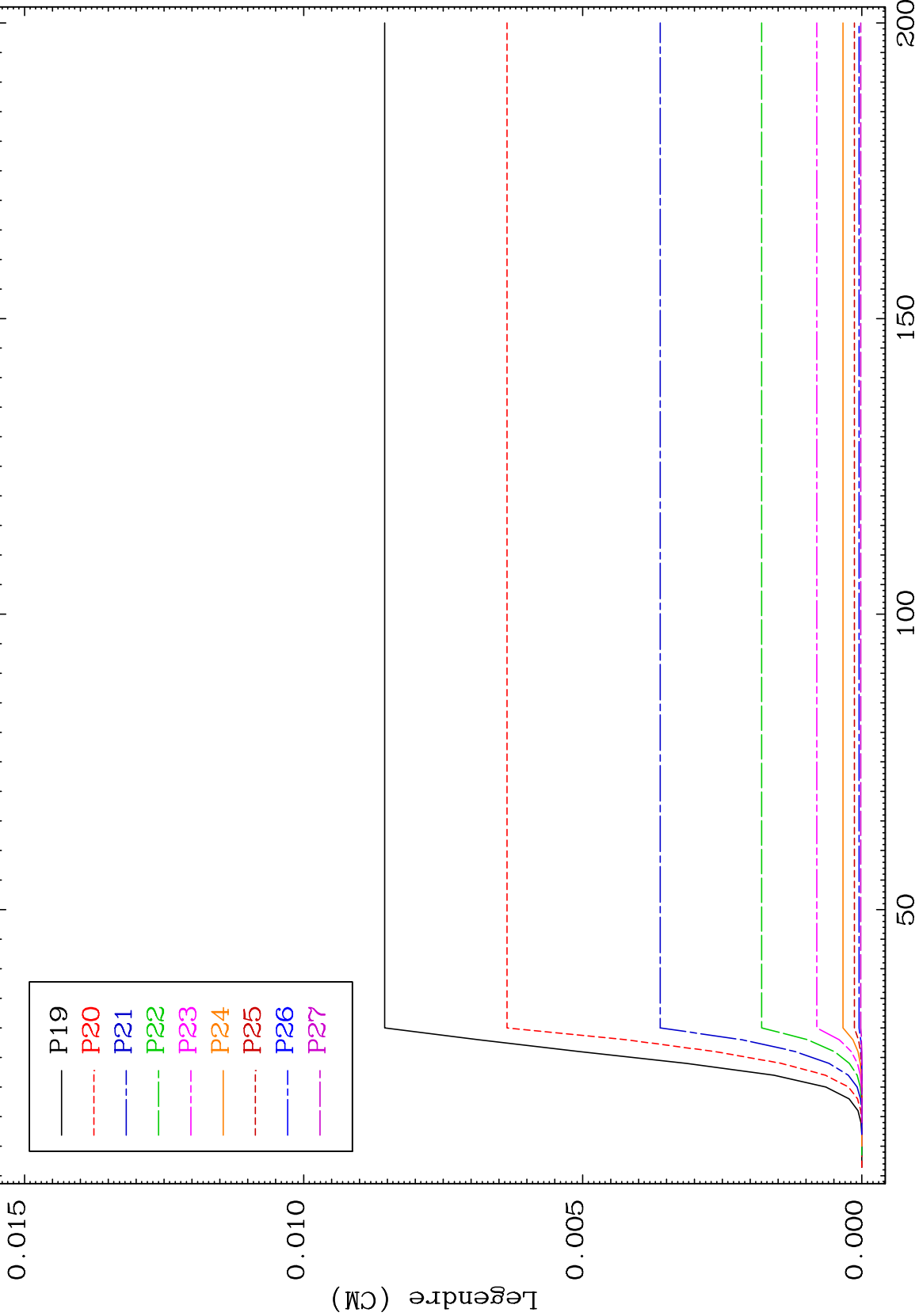
62-Sm-138



MAT 6207

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

62-Sm-138



25

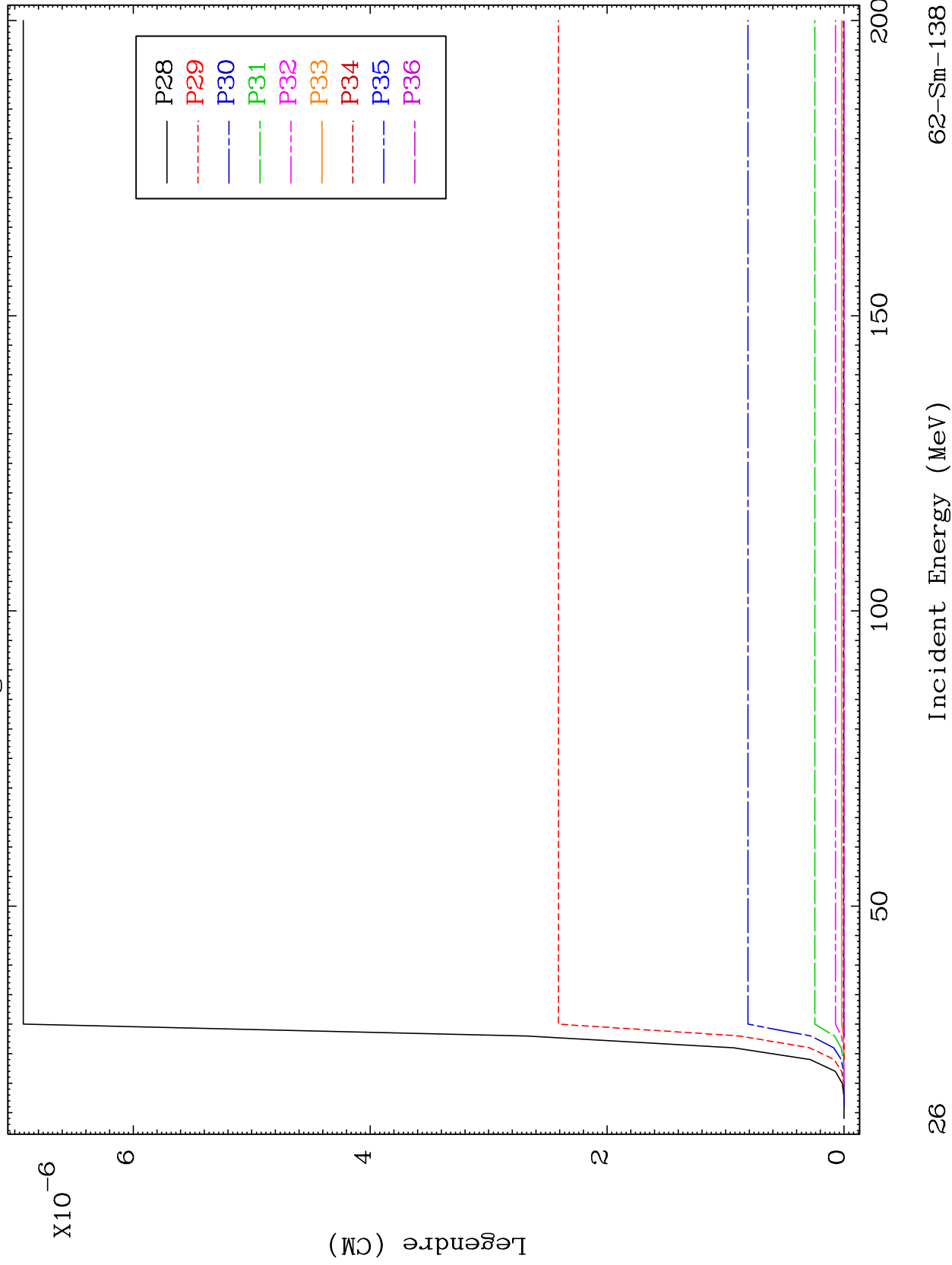
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



26

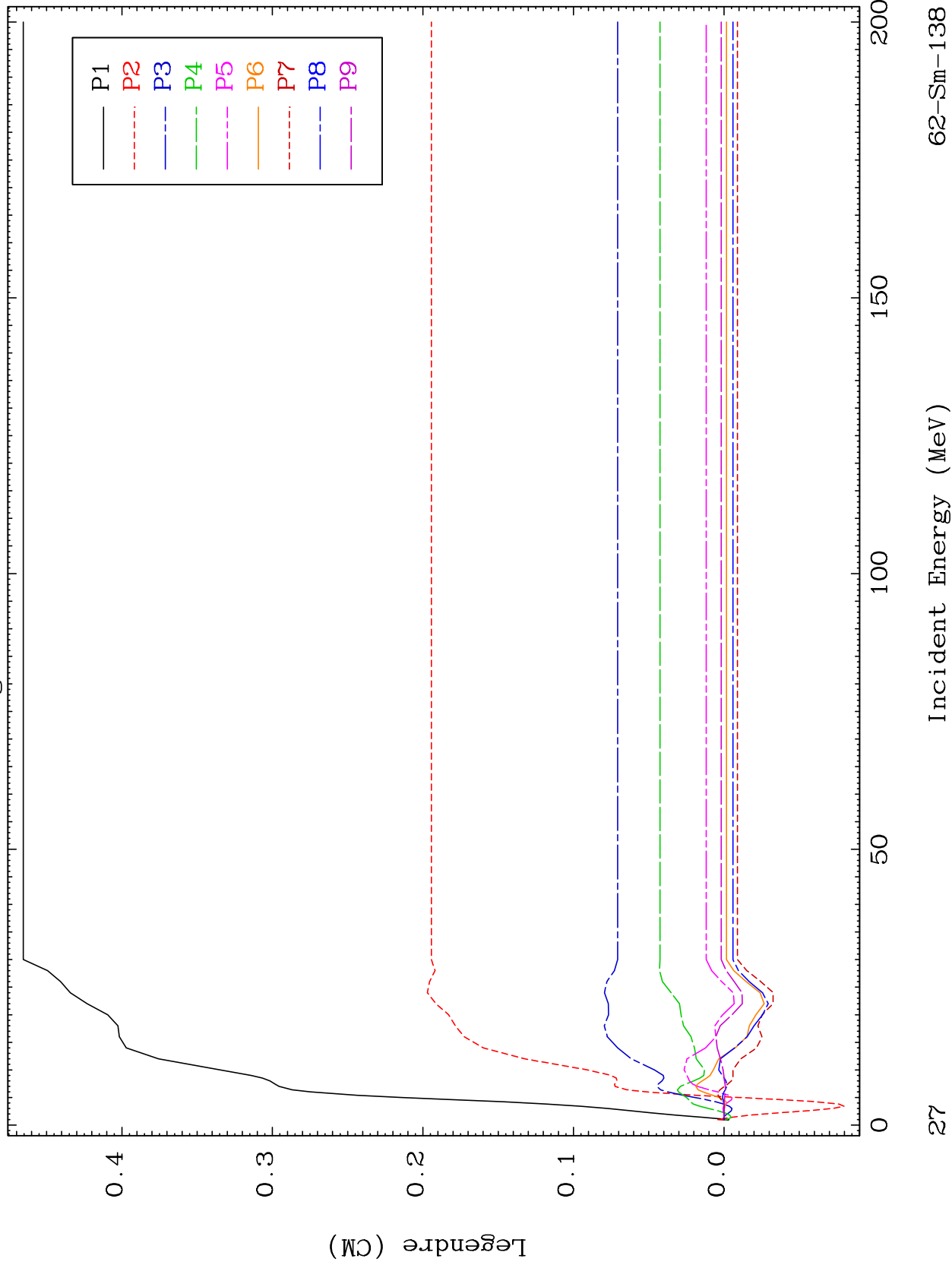
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



62-Sm-138

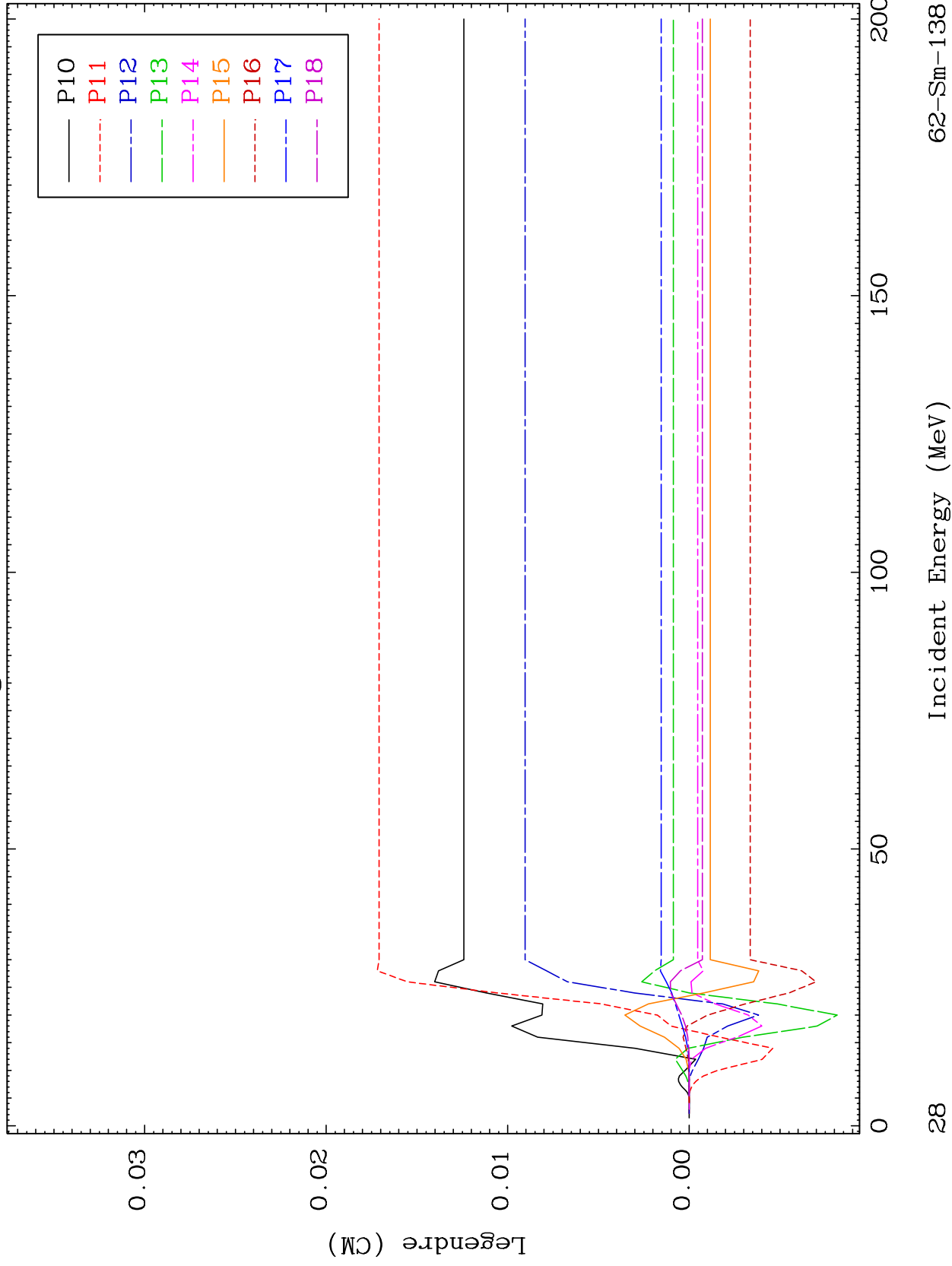
Incident Energy (MeV)

27

MAT 6207

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

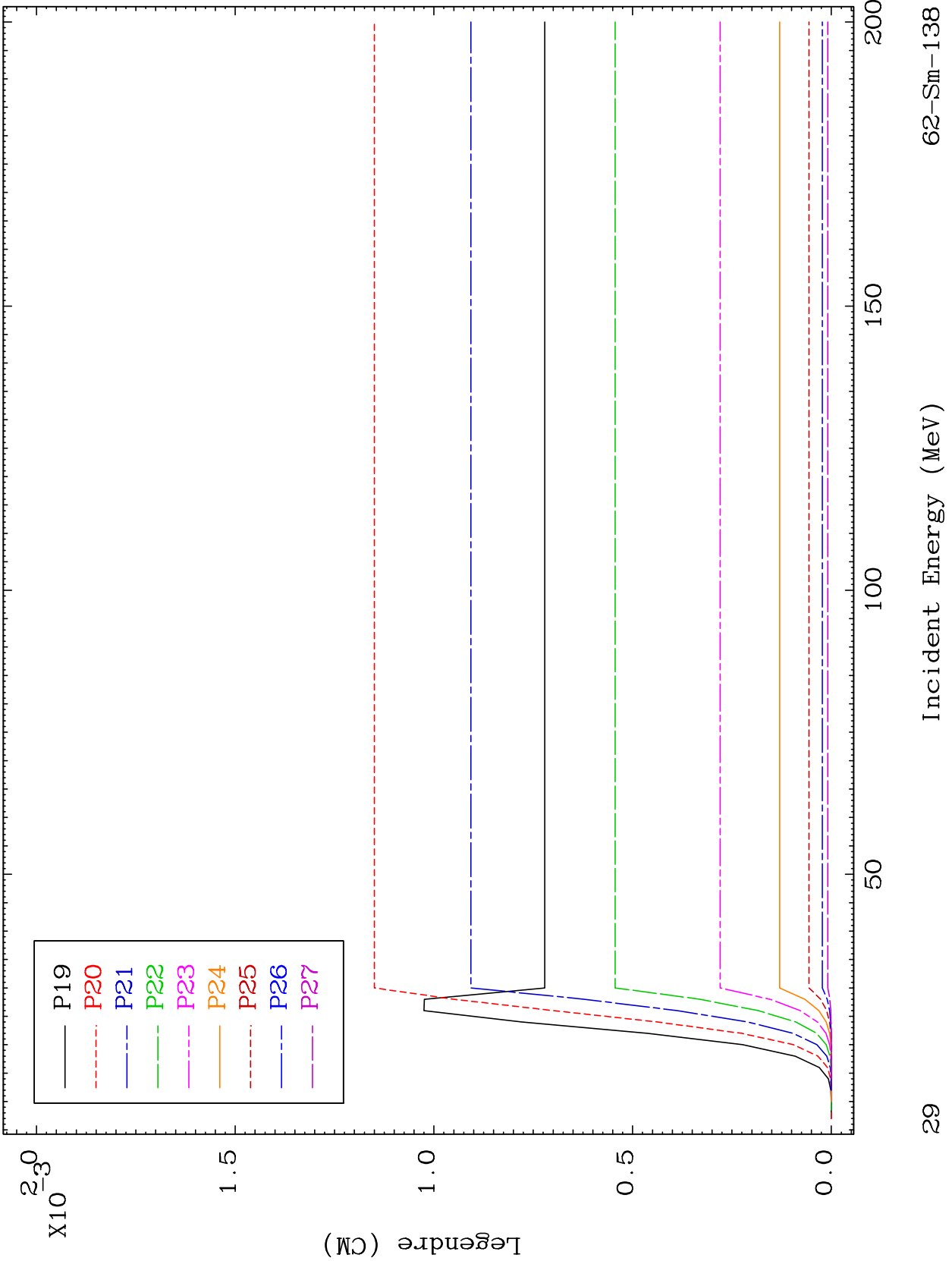
62-Sm-138



62-Sm-138

Incident Energy (MeV)

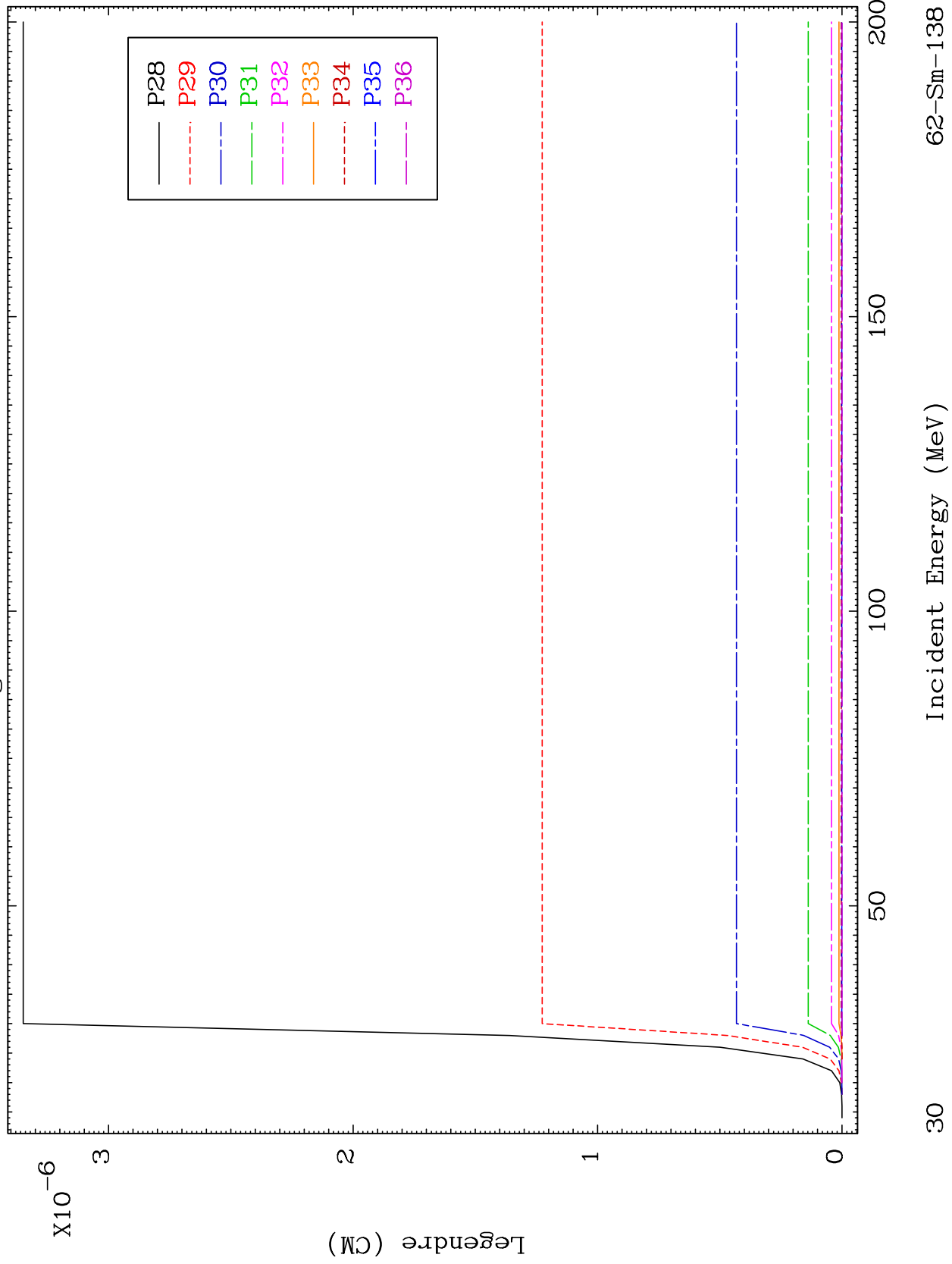
28



MAT 6207

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

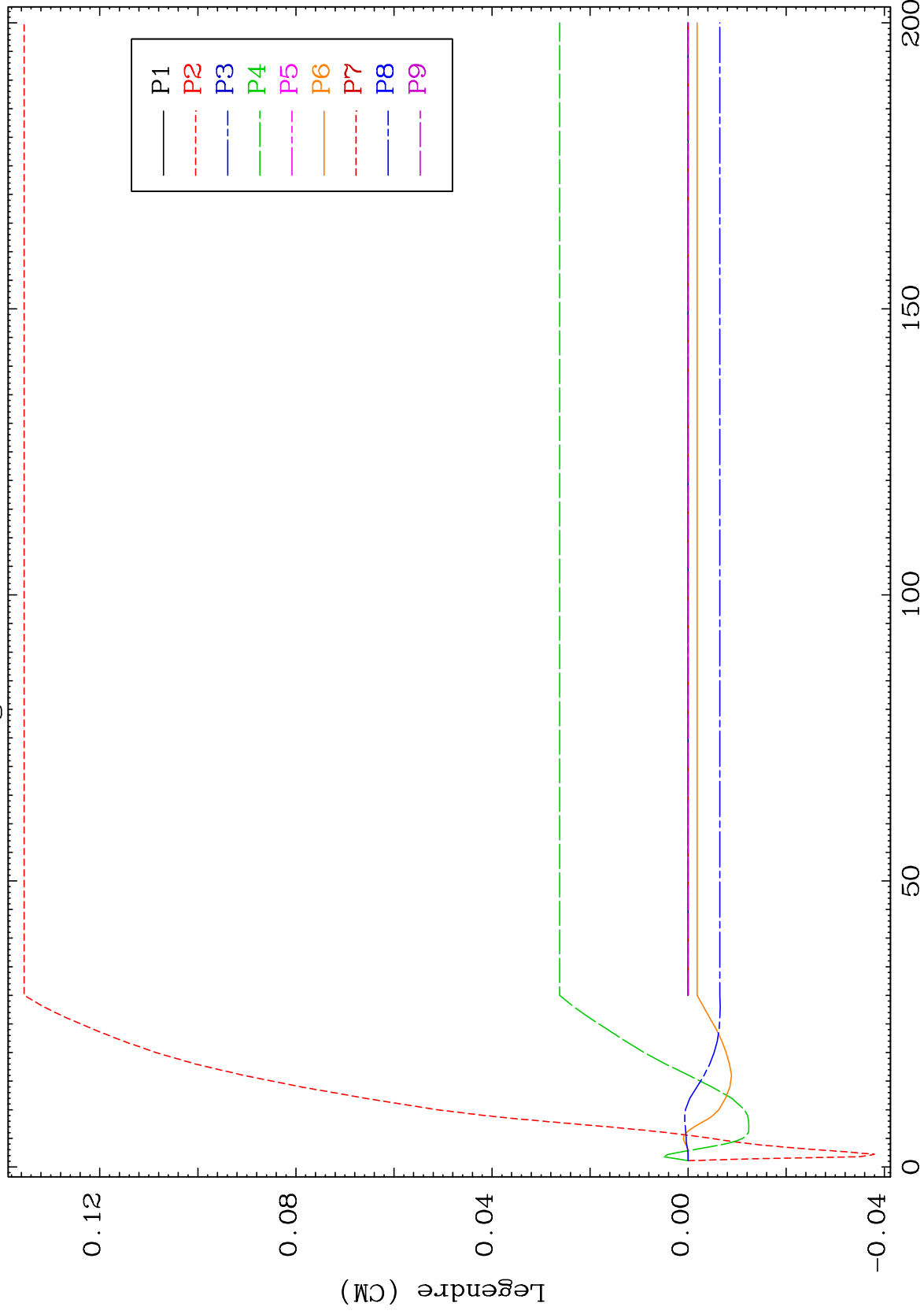
62-Sm-138



MAT 6207

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

62-Sm-138



31

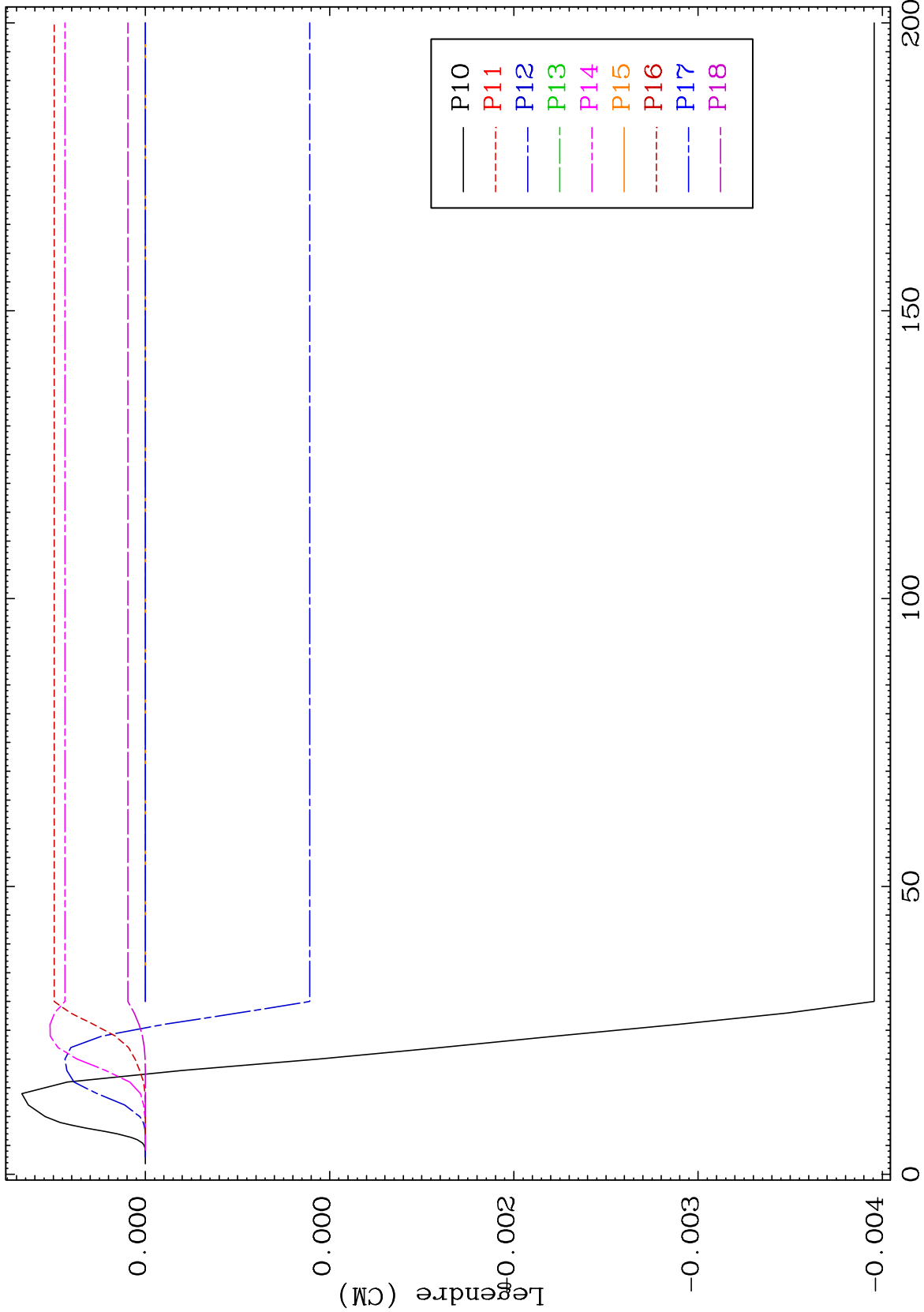
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



32

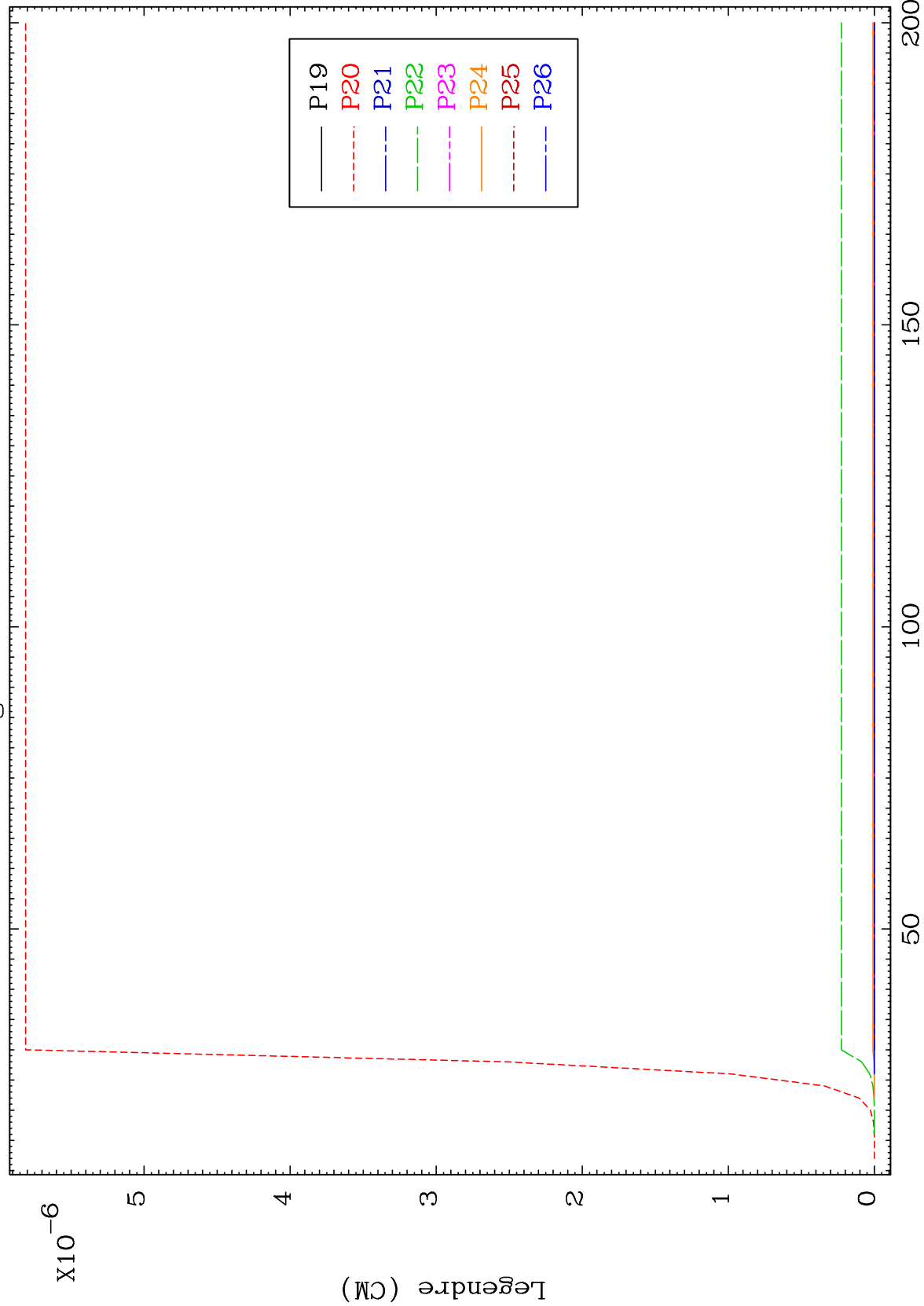
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



33

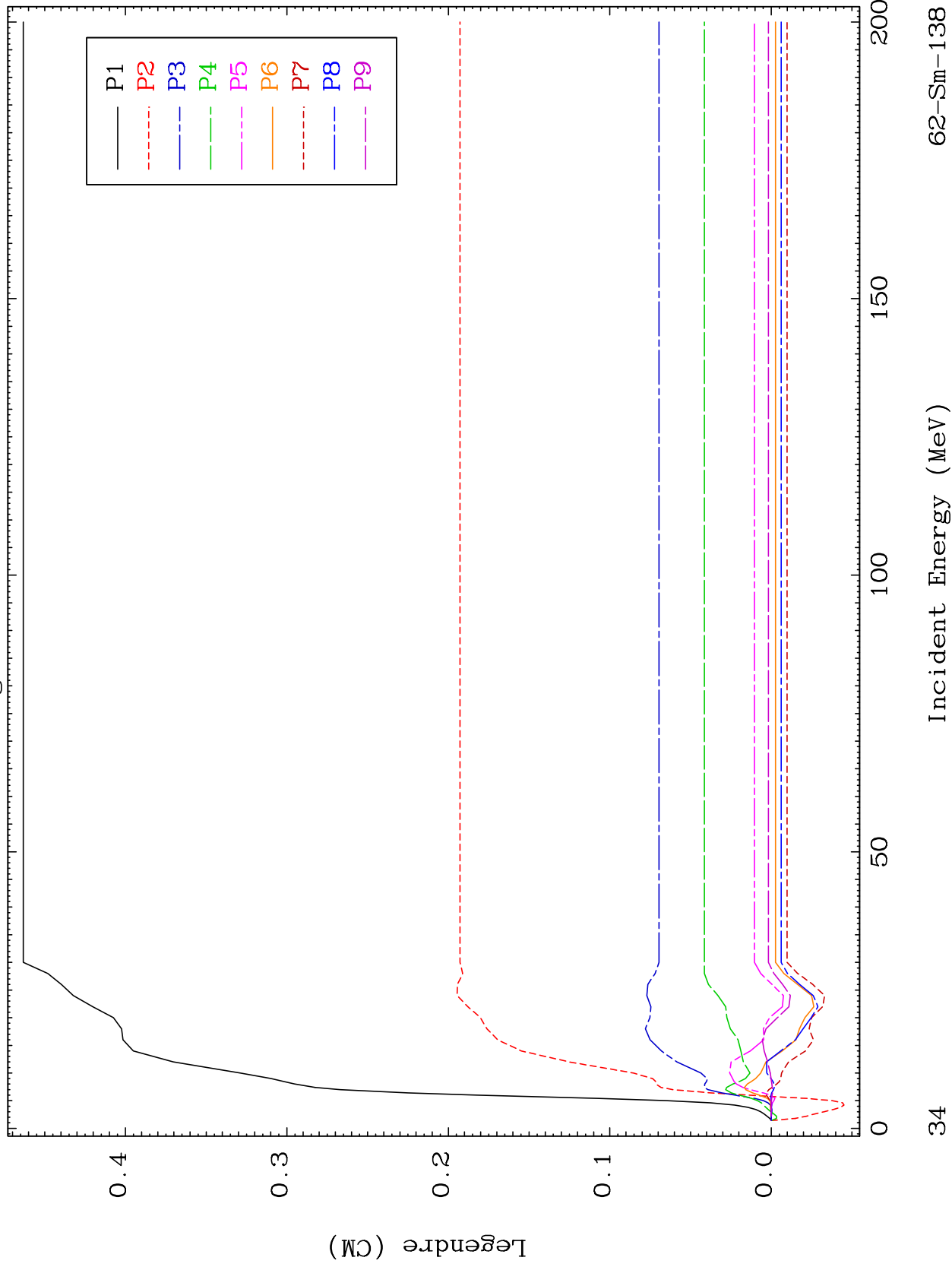
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



62-Sm-138

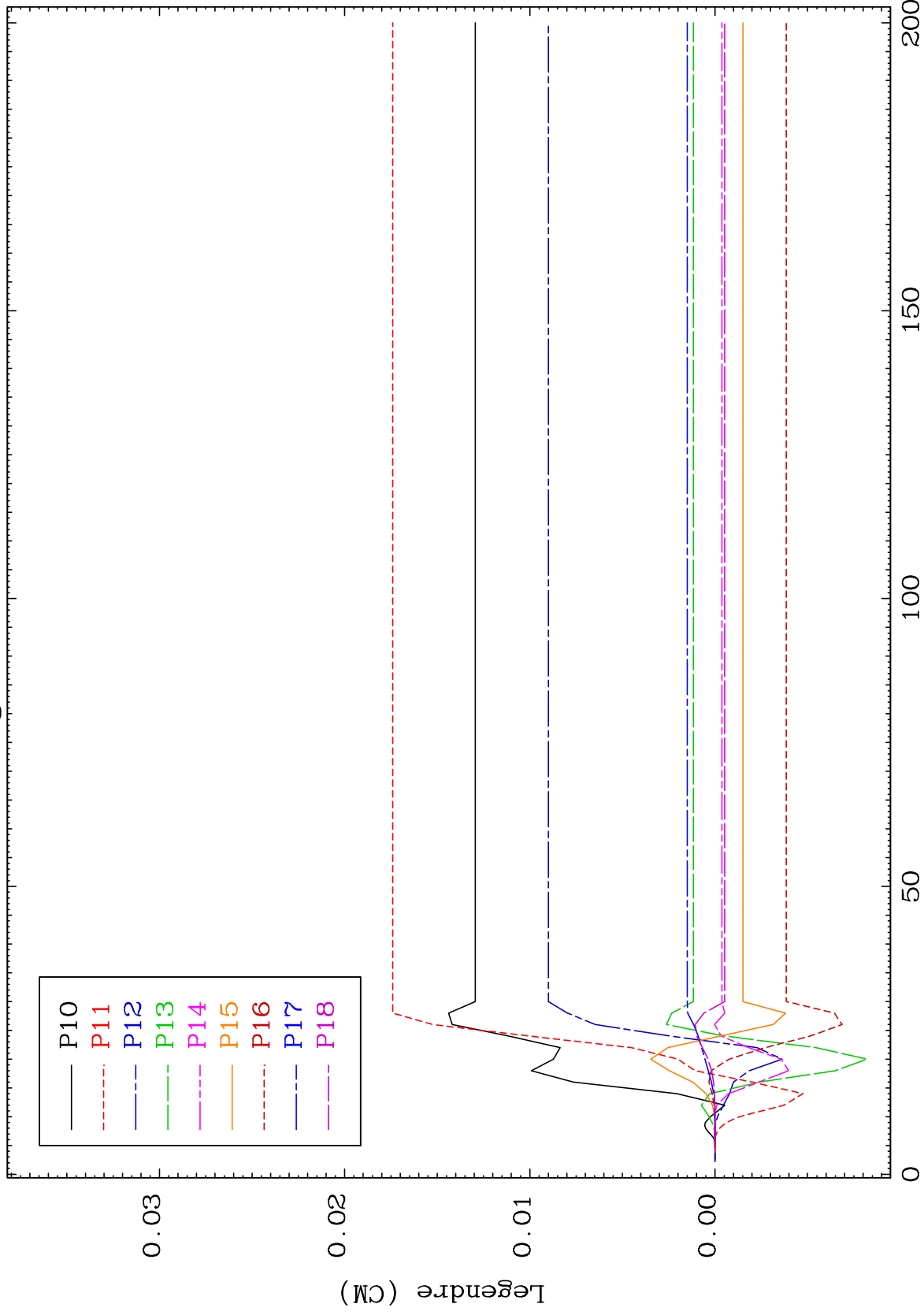
Incident Energy (MeV)

34

MAT 6207

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

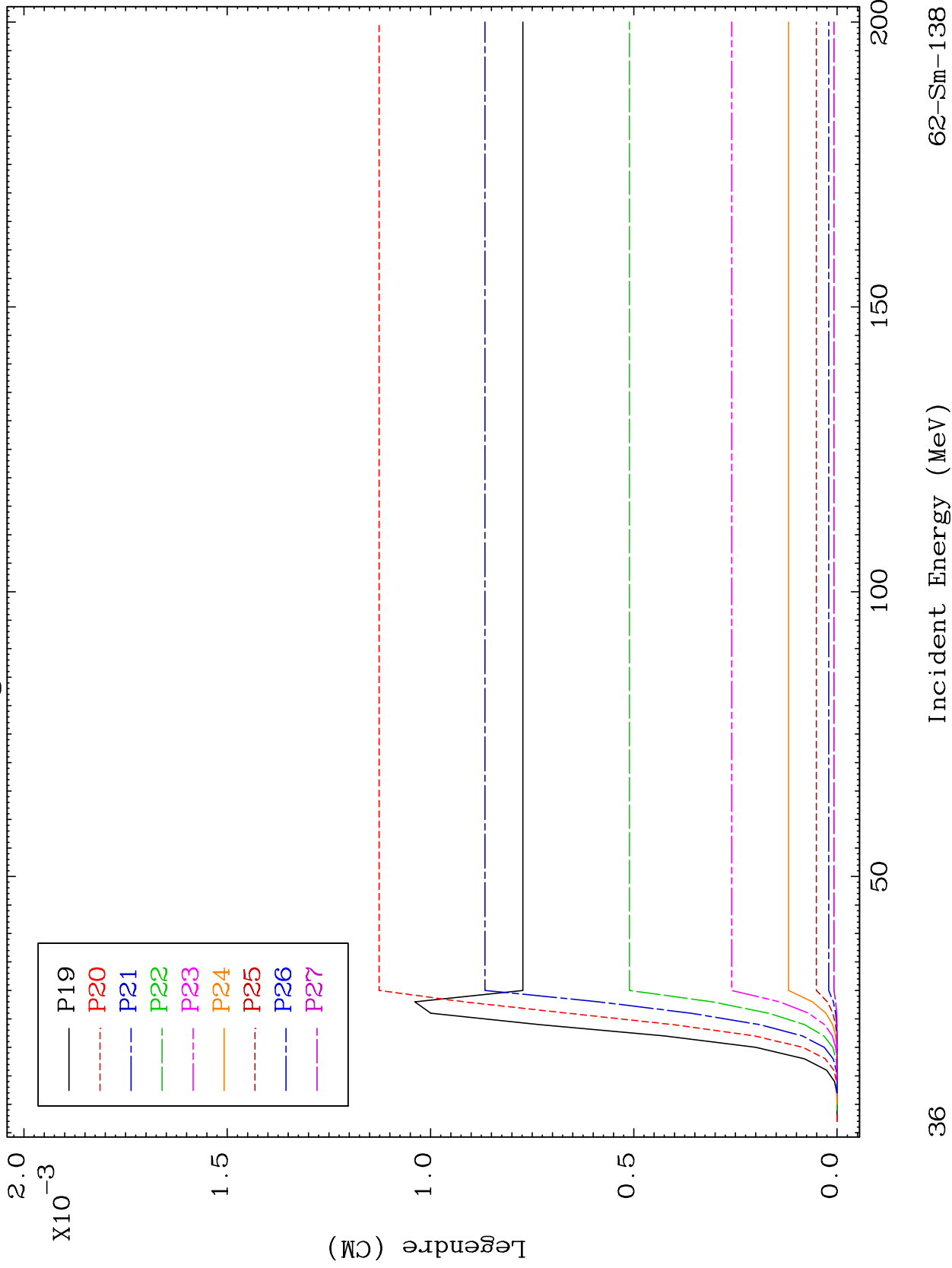
62-Sm-138



35

Incident Energy (MeV)

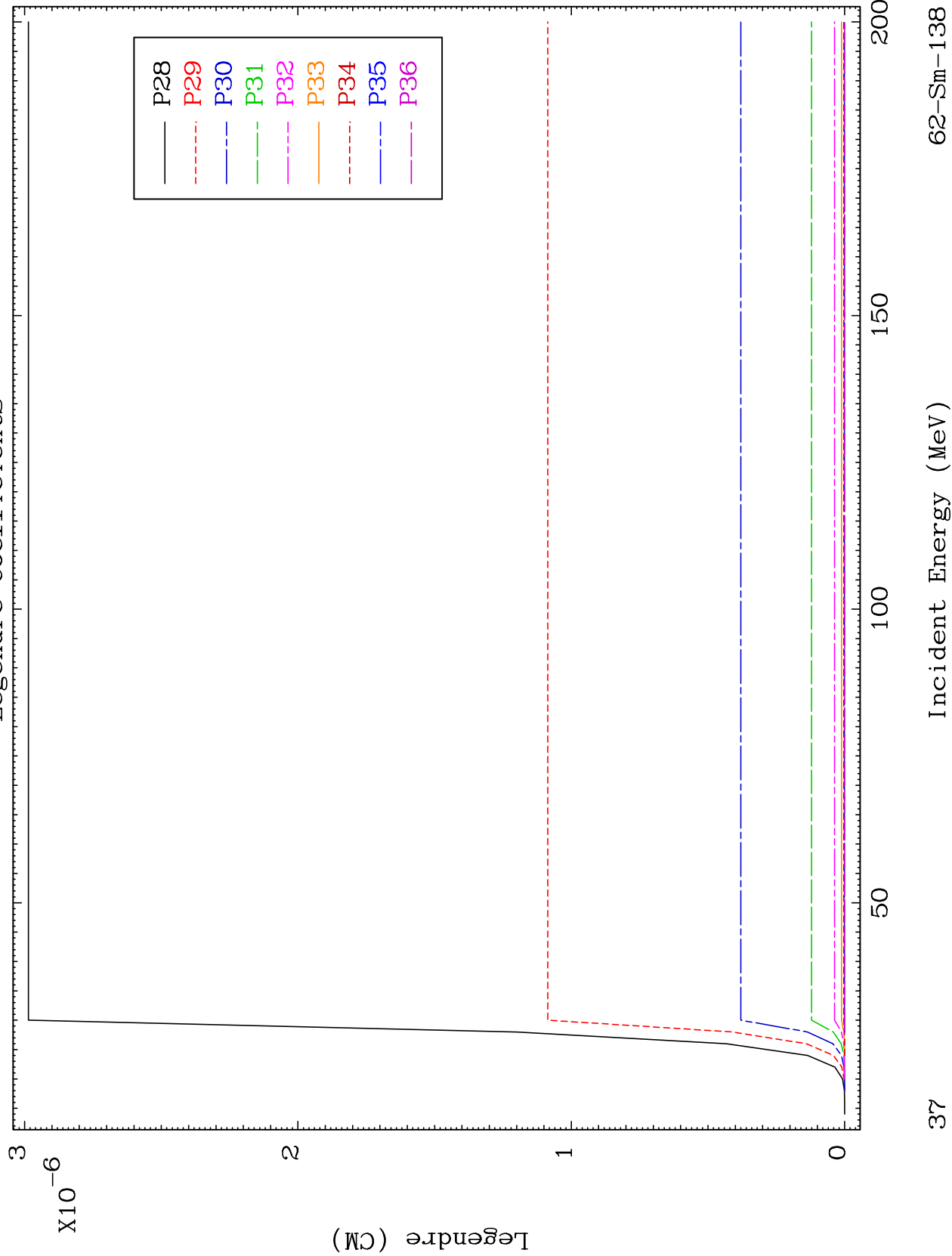
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MAT 6207

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

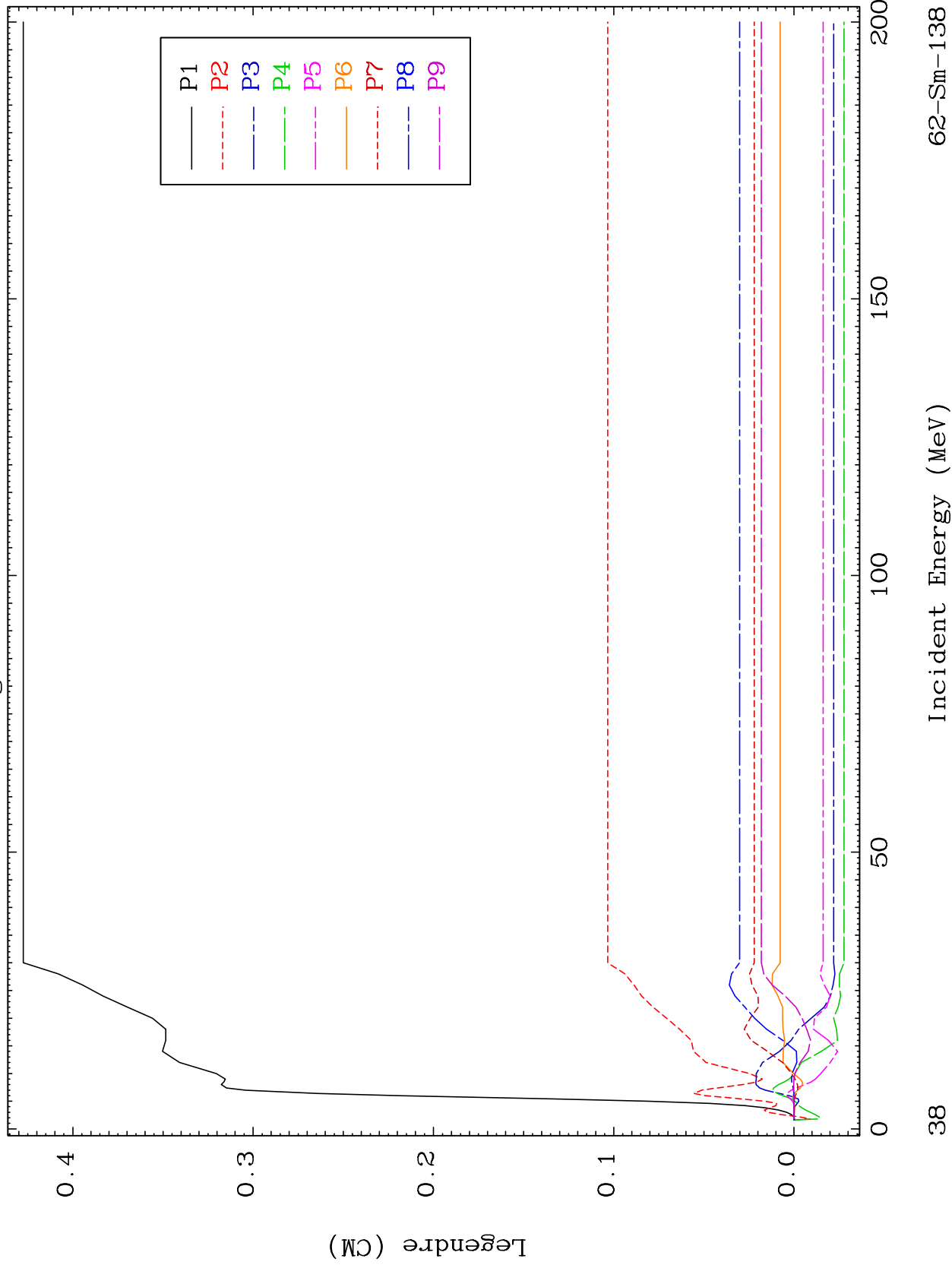
62-Sm-138



MAT 6207

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

62-Sm-138



62-Sm-138

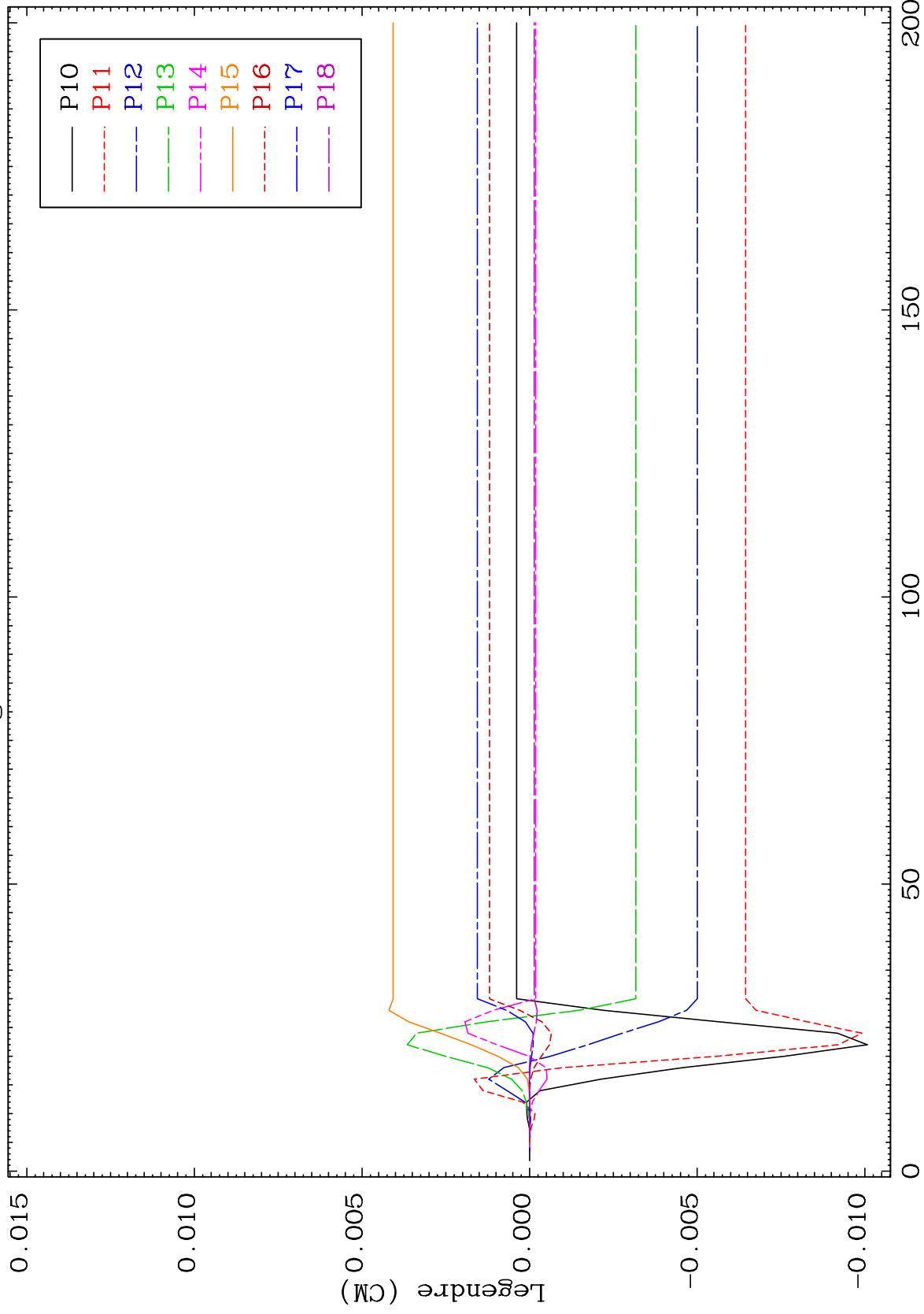
Incident Energy (MeV)

38

MAT 6207

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

62-Sm-138



39

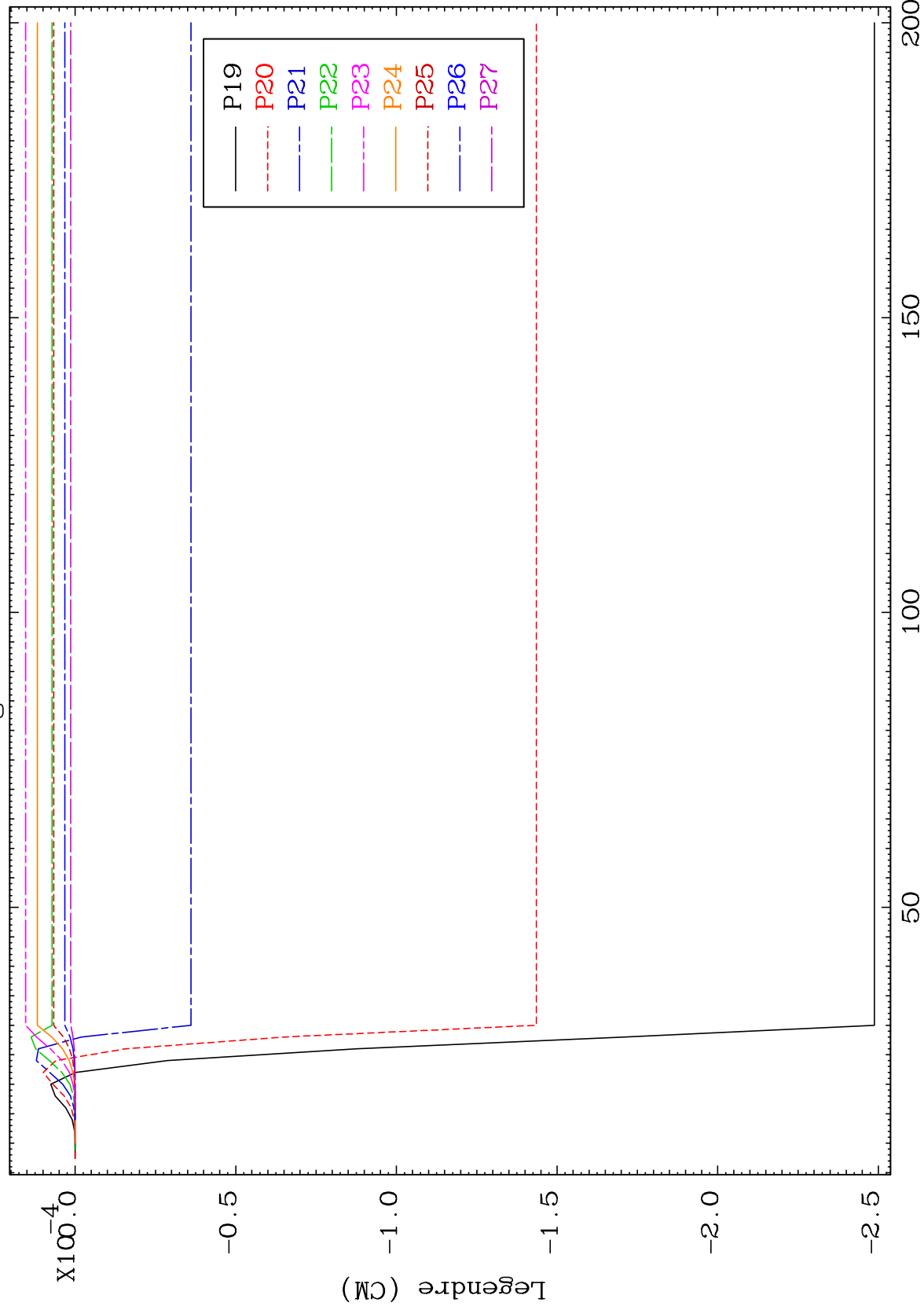
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



40

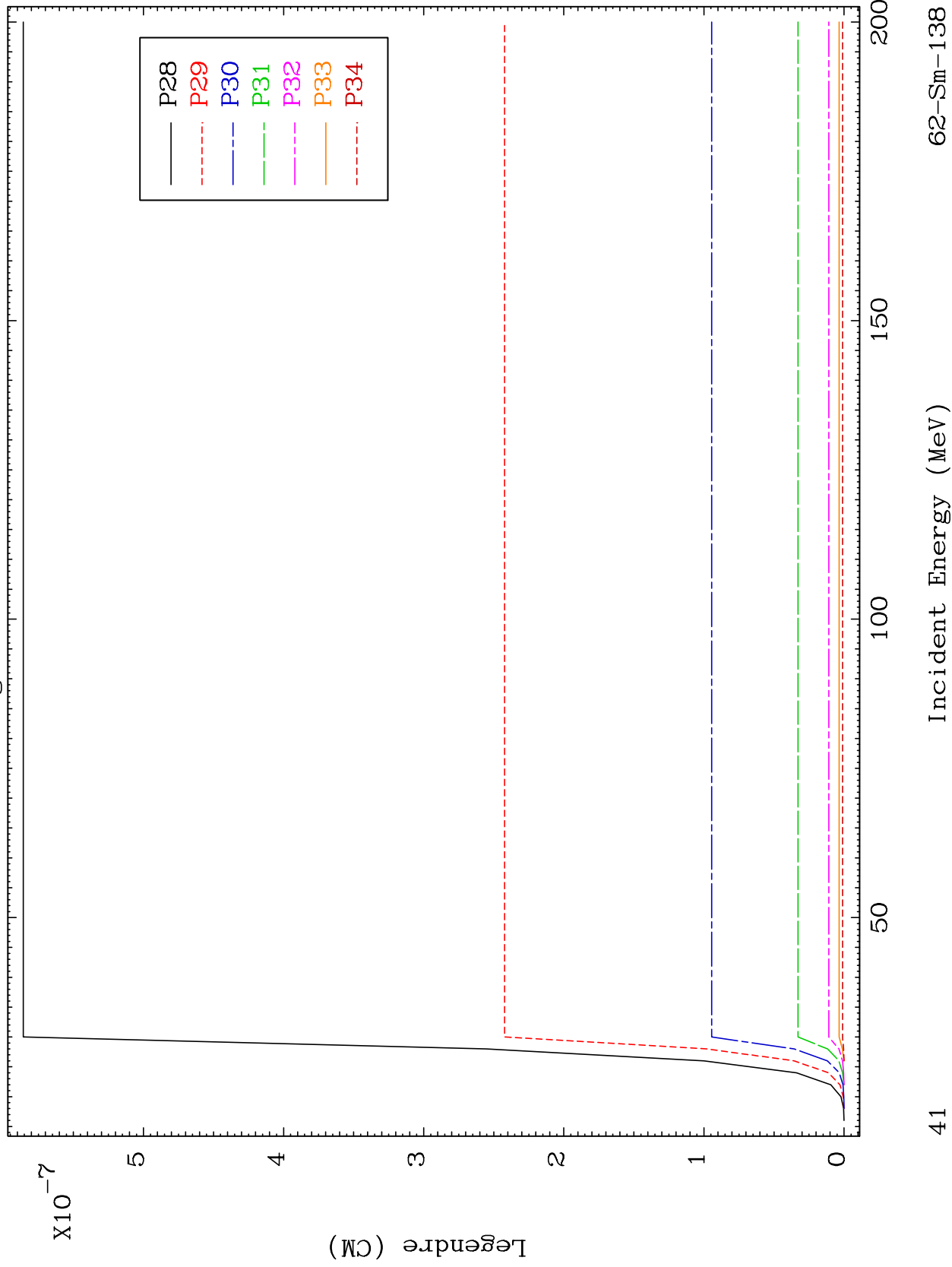
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

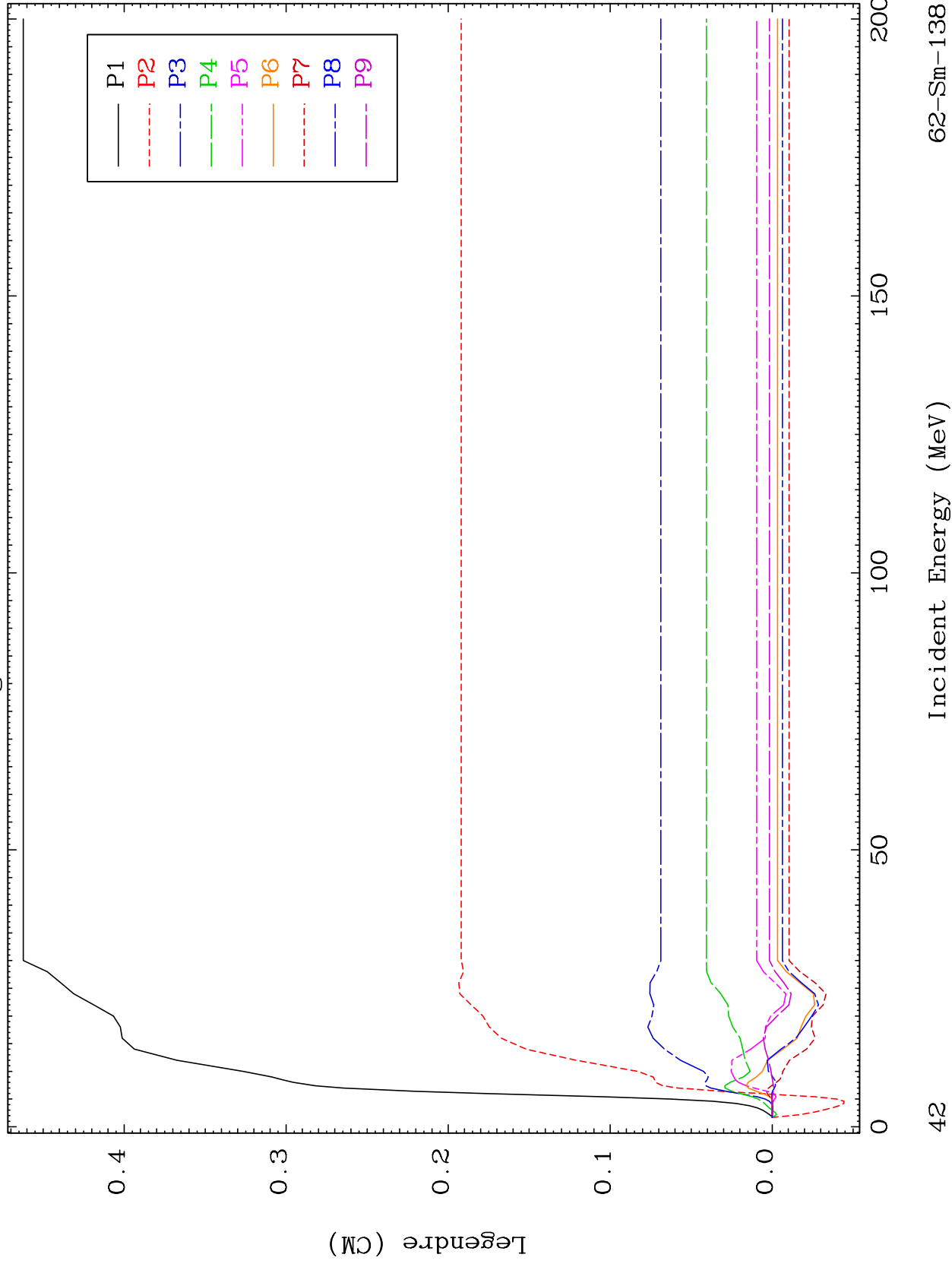
62-Sm-138



MAT 6207

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

62-Sm-138



62-Sm-138

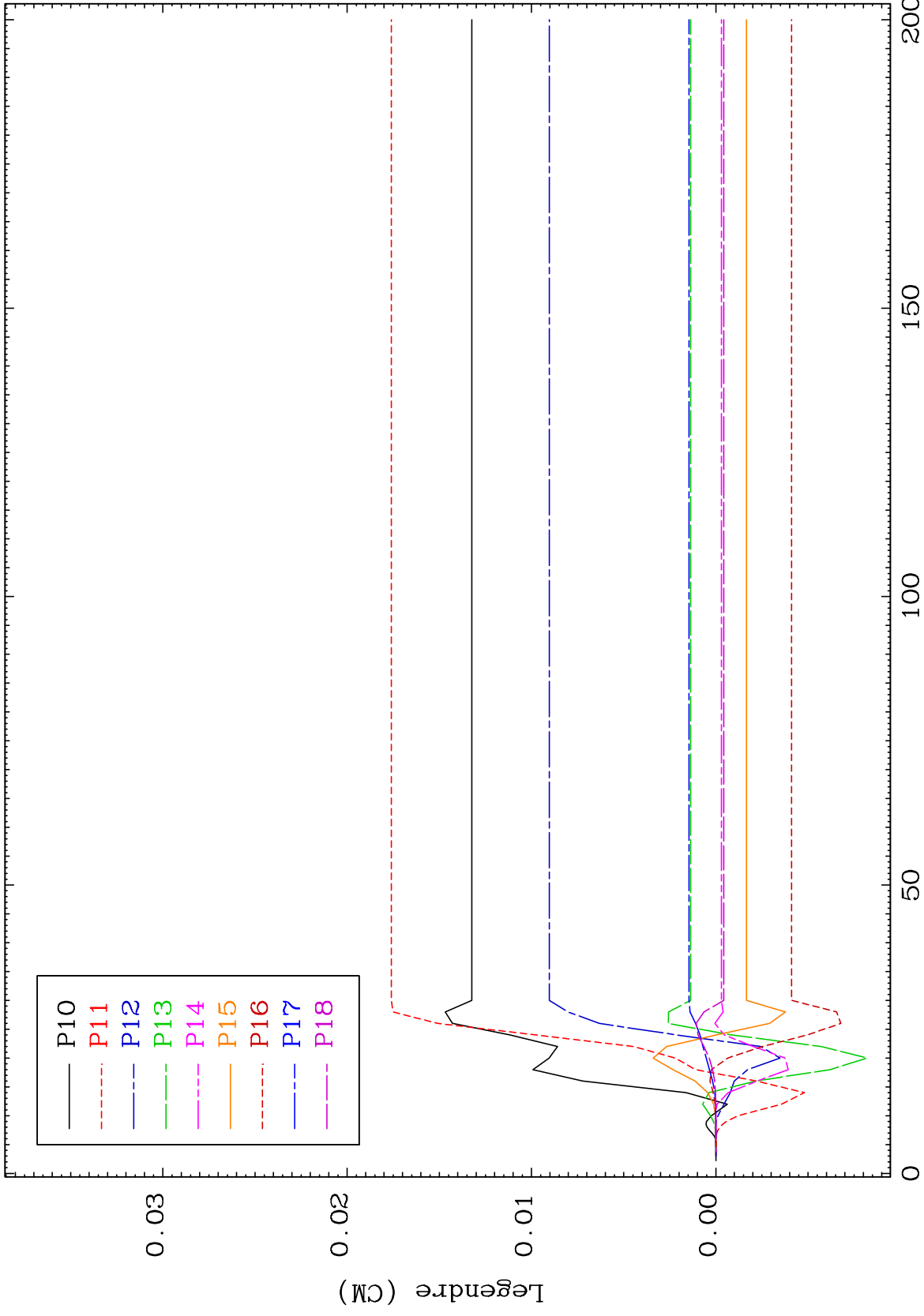
Incident Energy (MeV)

42

MAT 6207

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

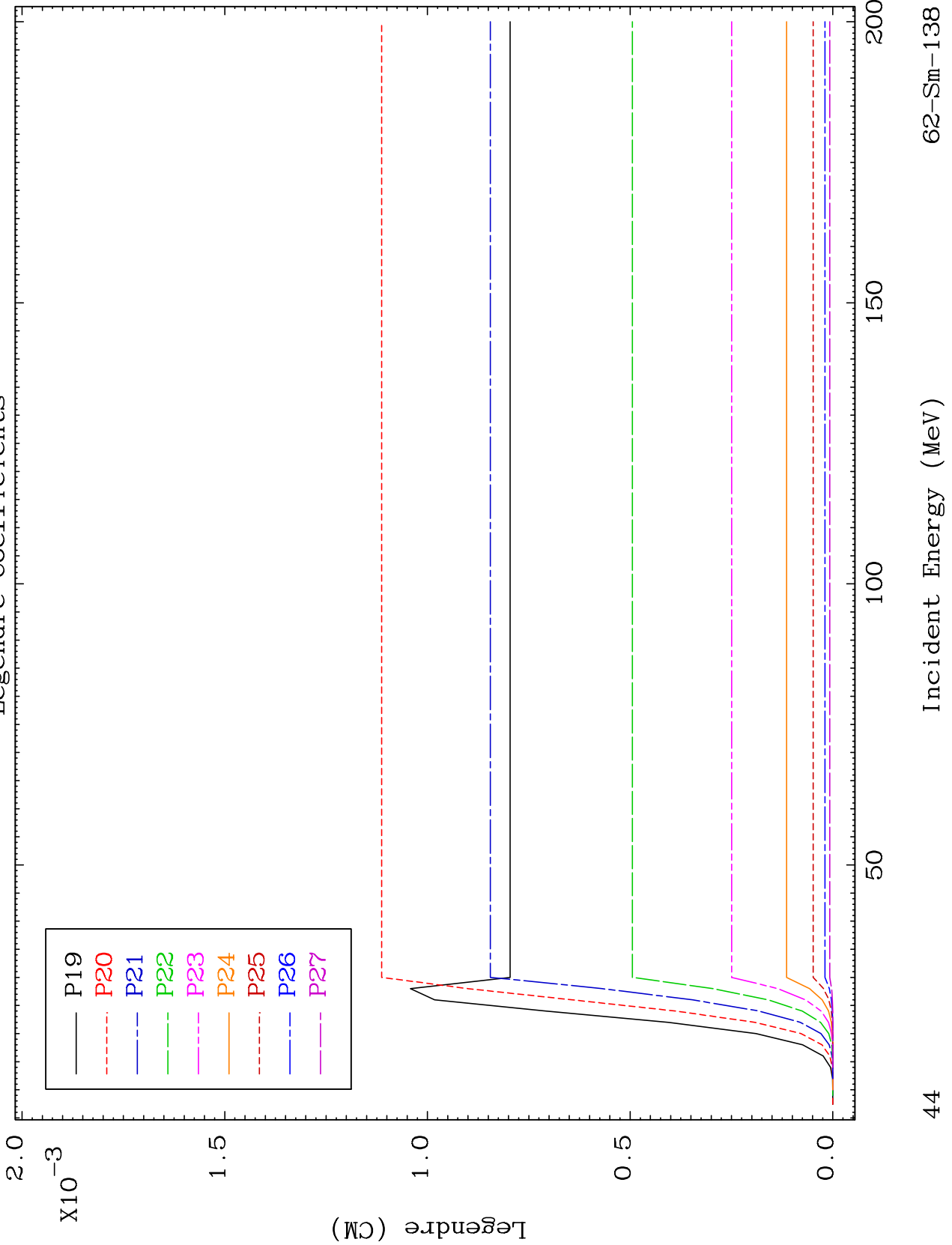
62-Sm-138



43

Incident Energy (MeV)

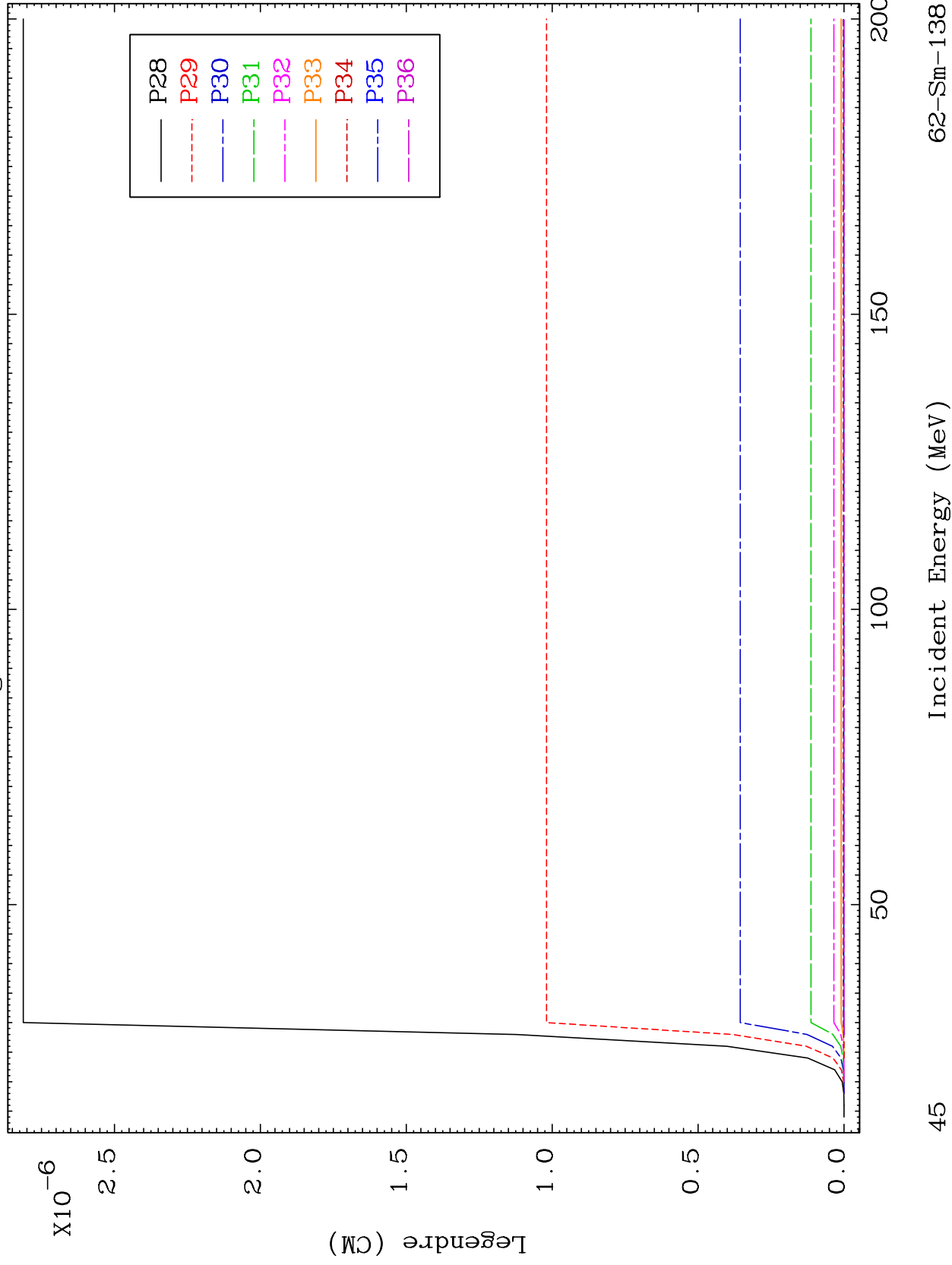
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MAT 6207

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

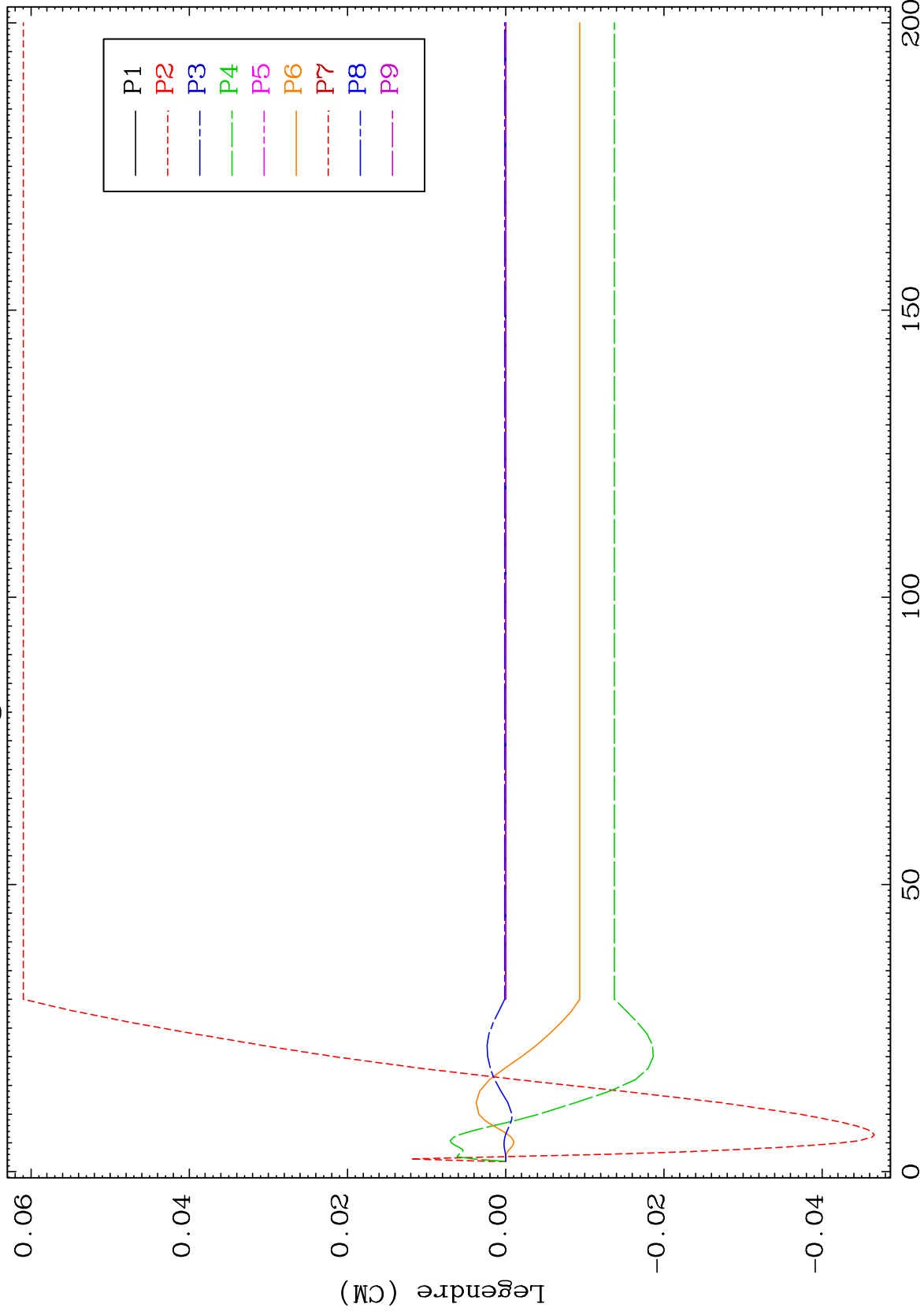
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MAT 6207

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

62-Sm-138



46

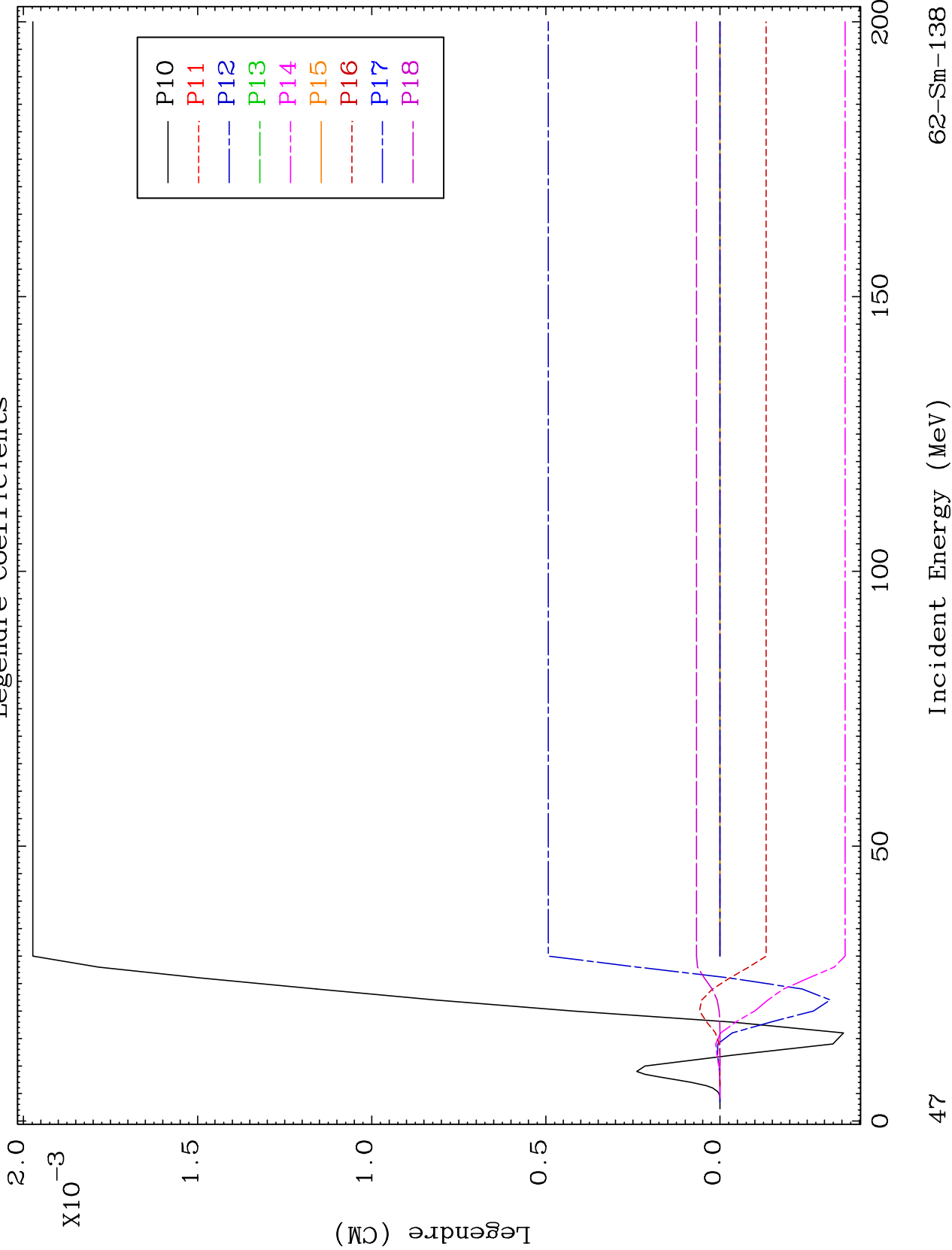
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

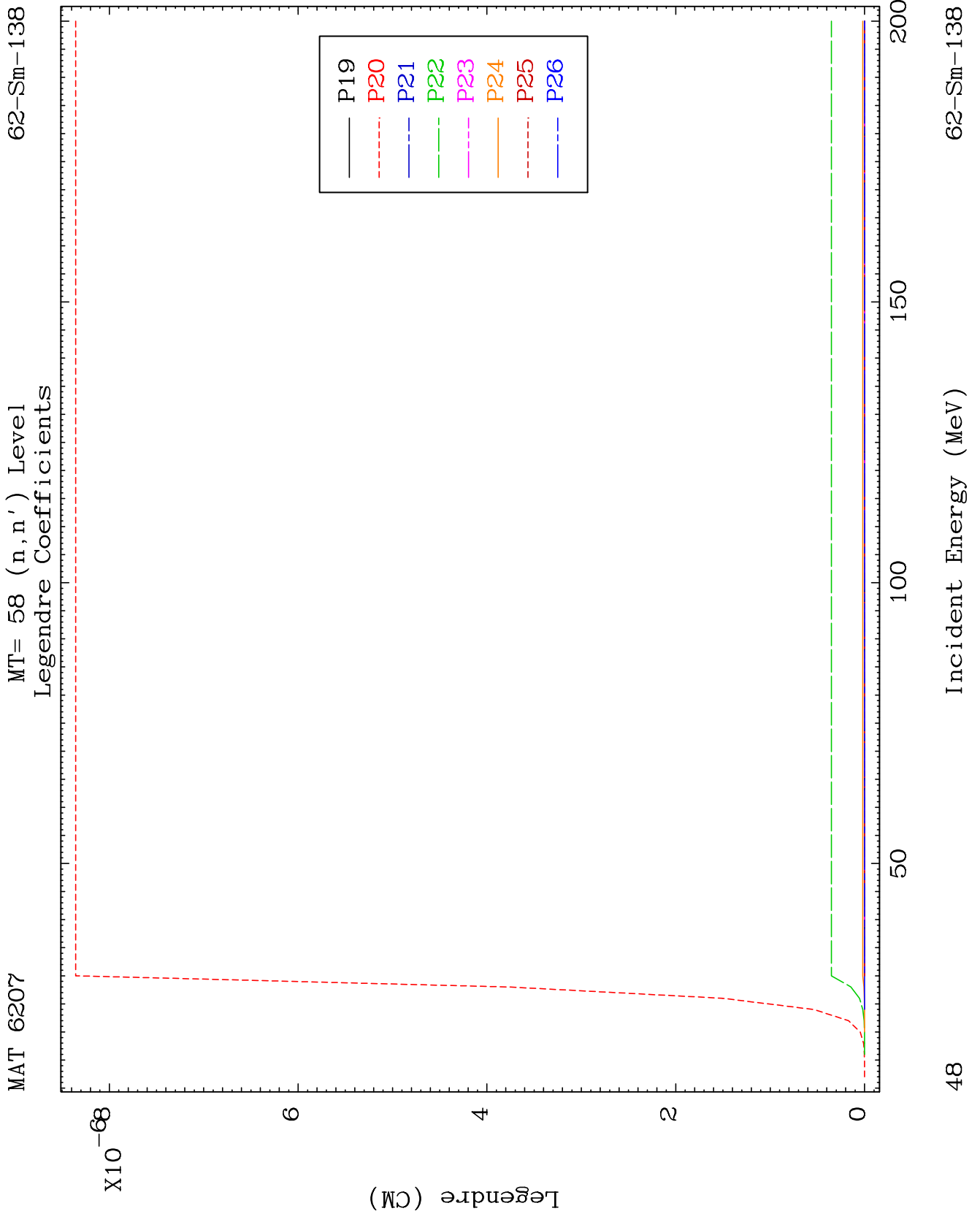
62-Sm-138



47

Incident Energy (MeV)

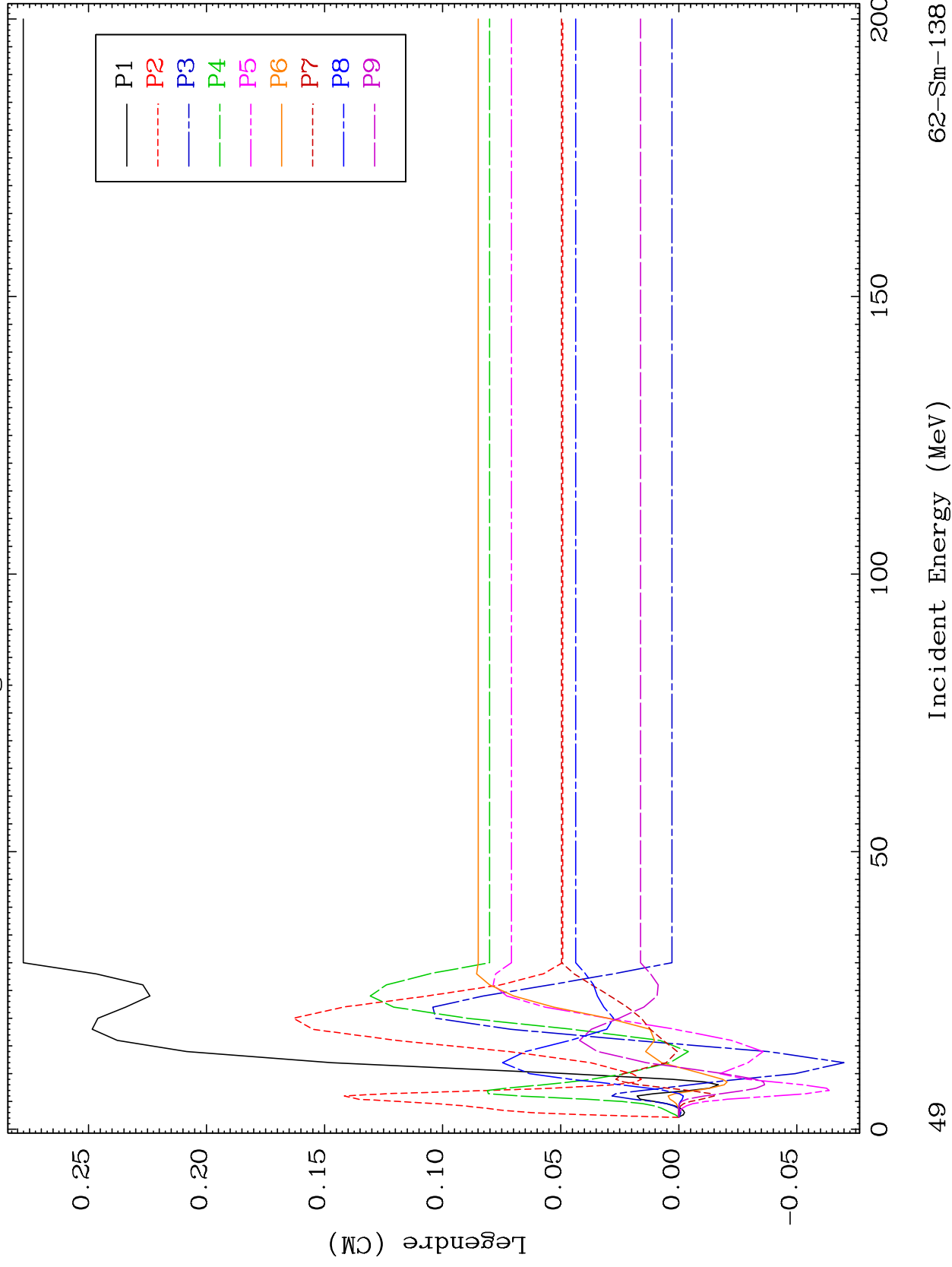
62-Sm-138



MAT 6207

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

62-Sm-138



62-Sm-138

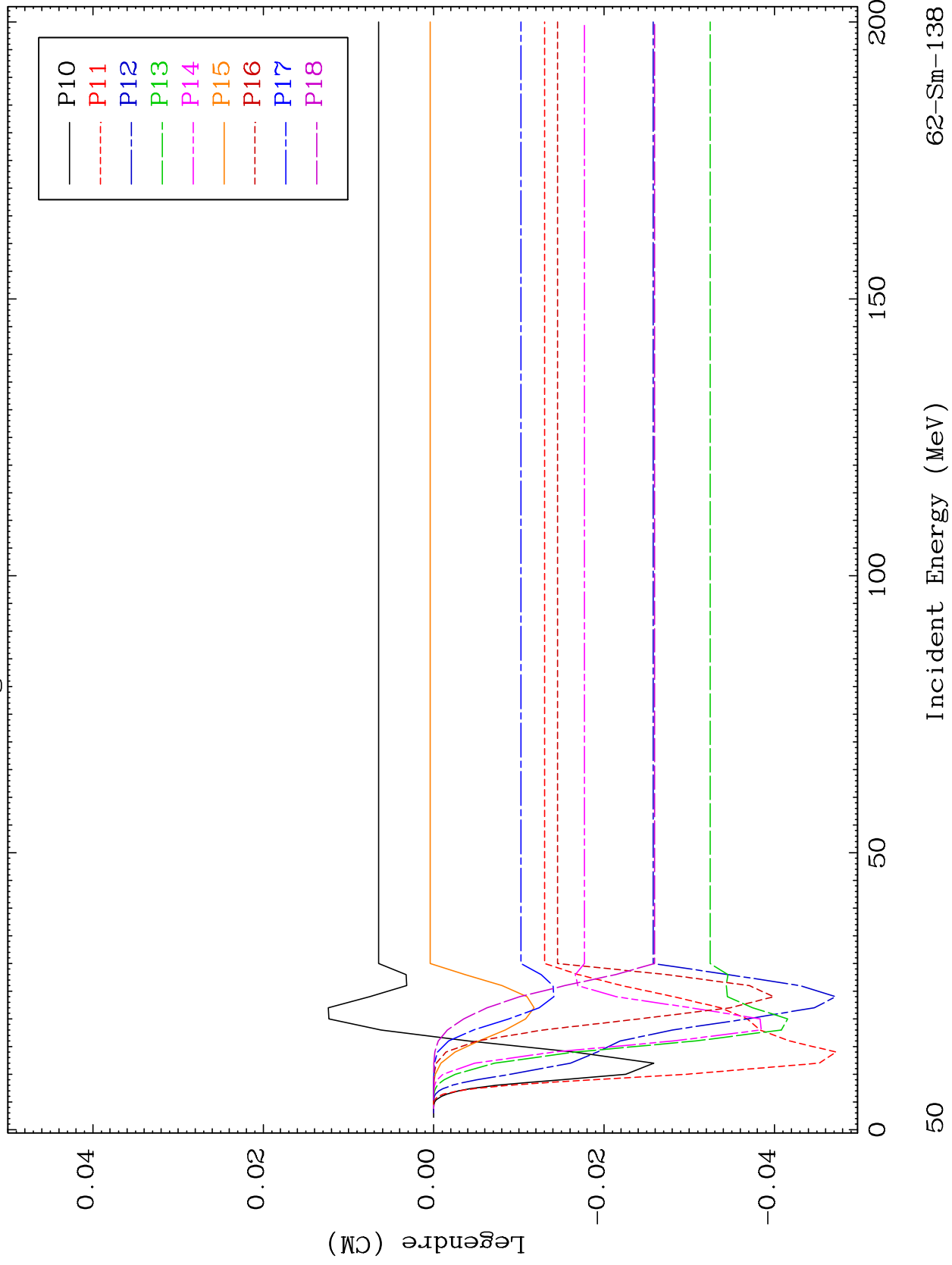
Incident Energy (MeV)

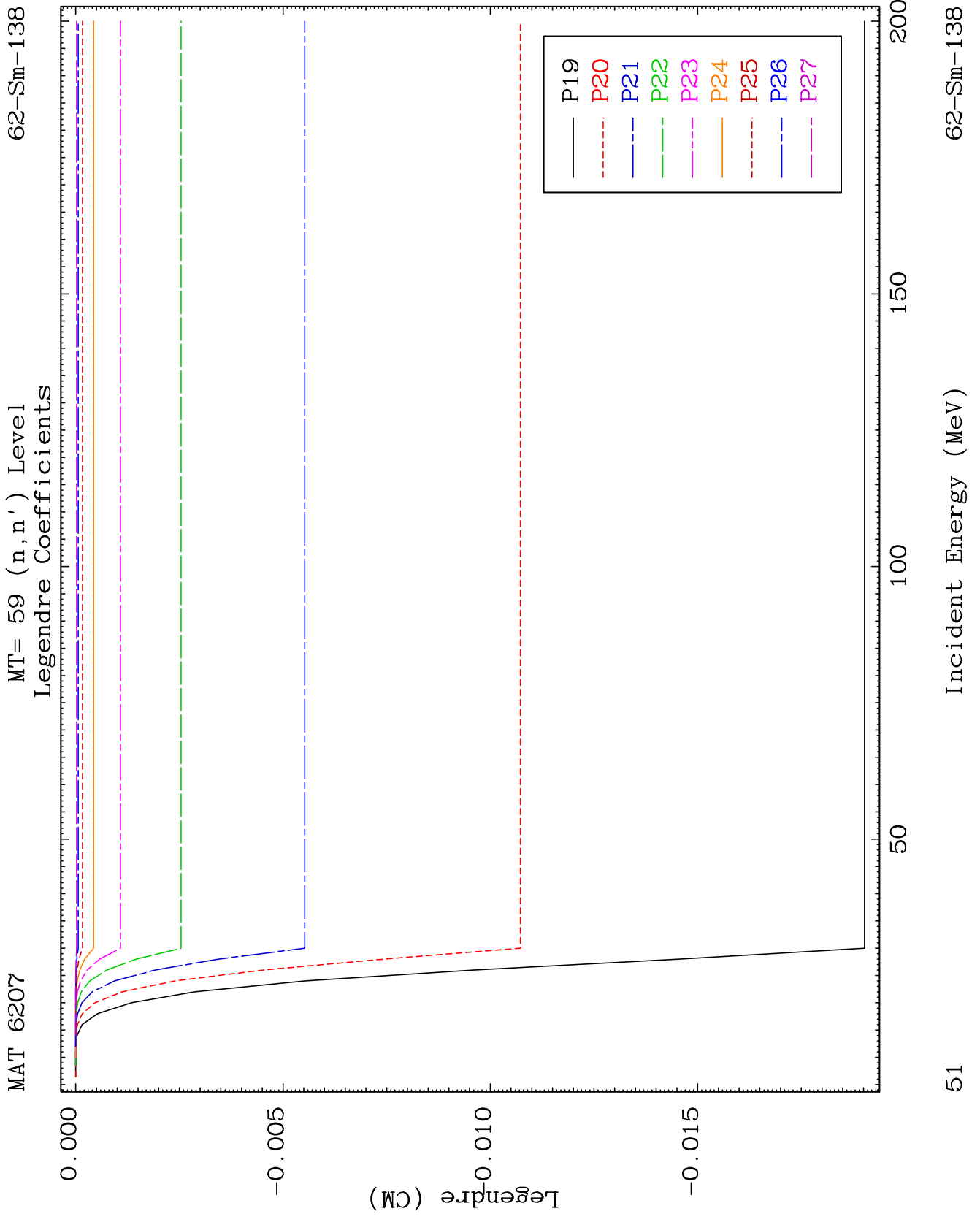
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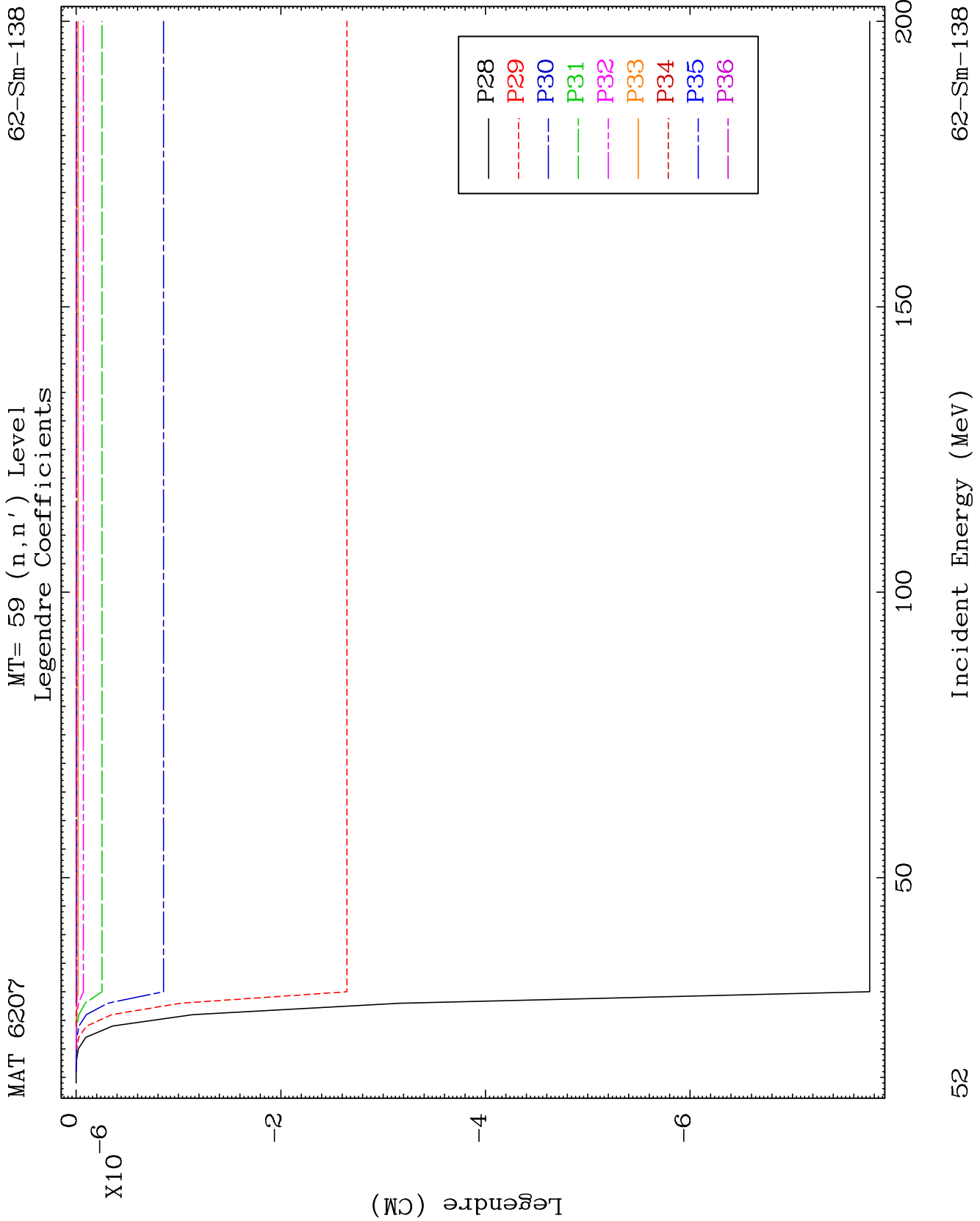
MAT 6207

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

62-Sm-138



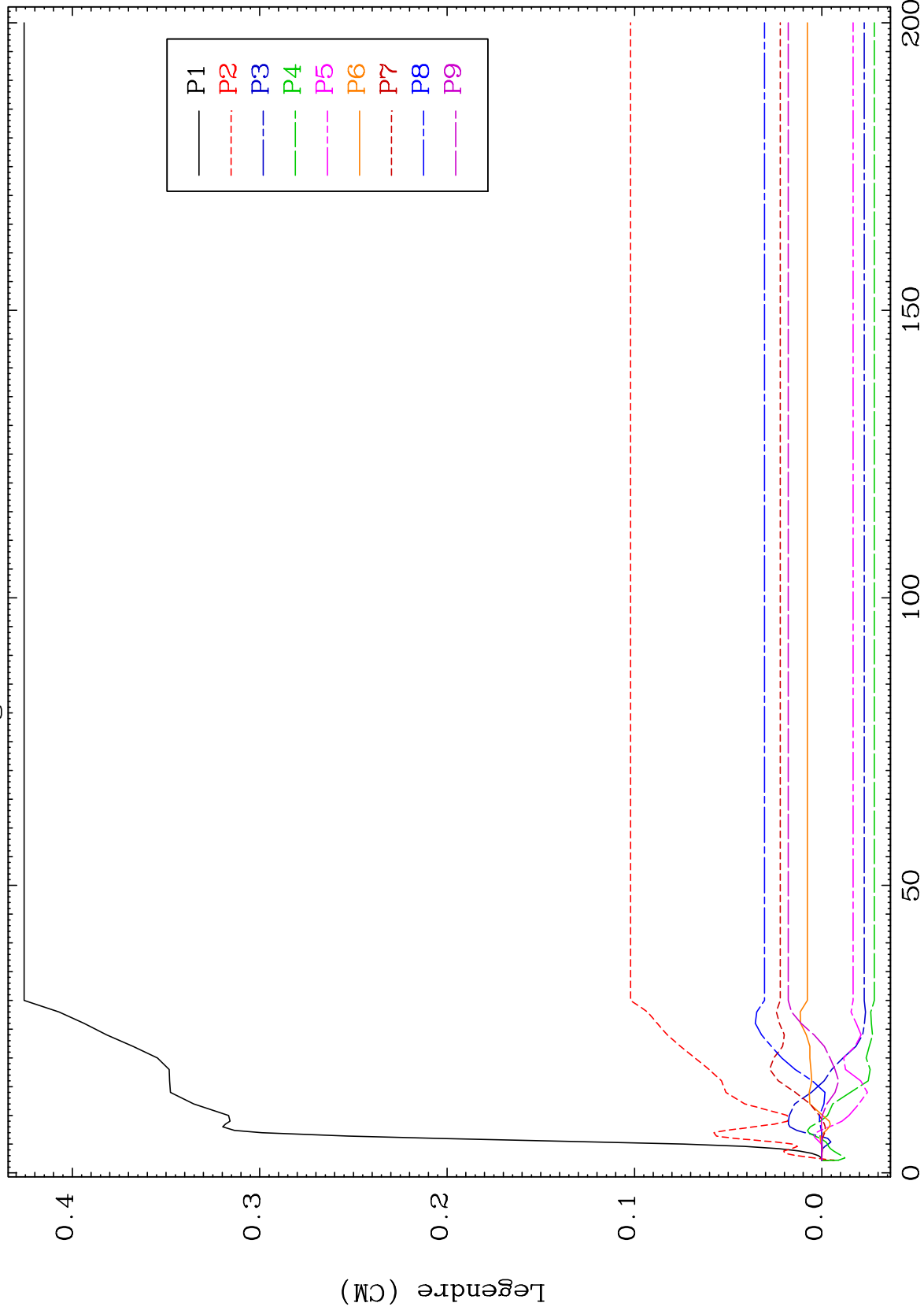




MAT 6207

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

62-Sm-138



53

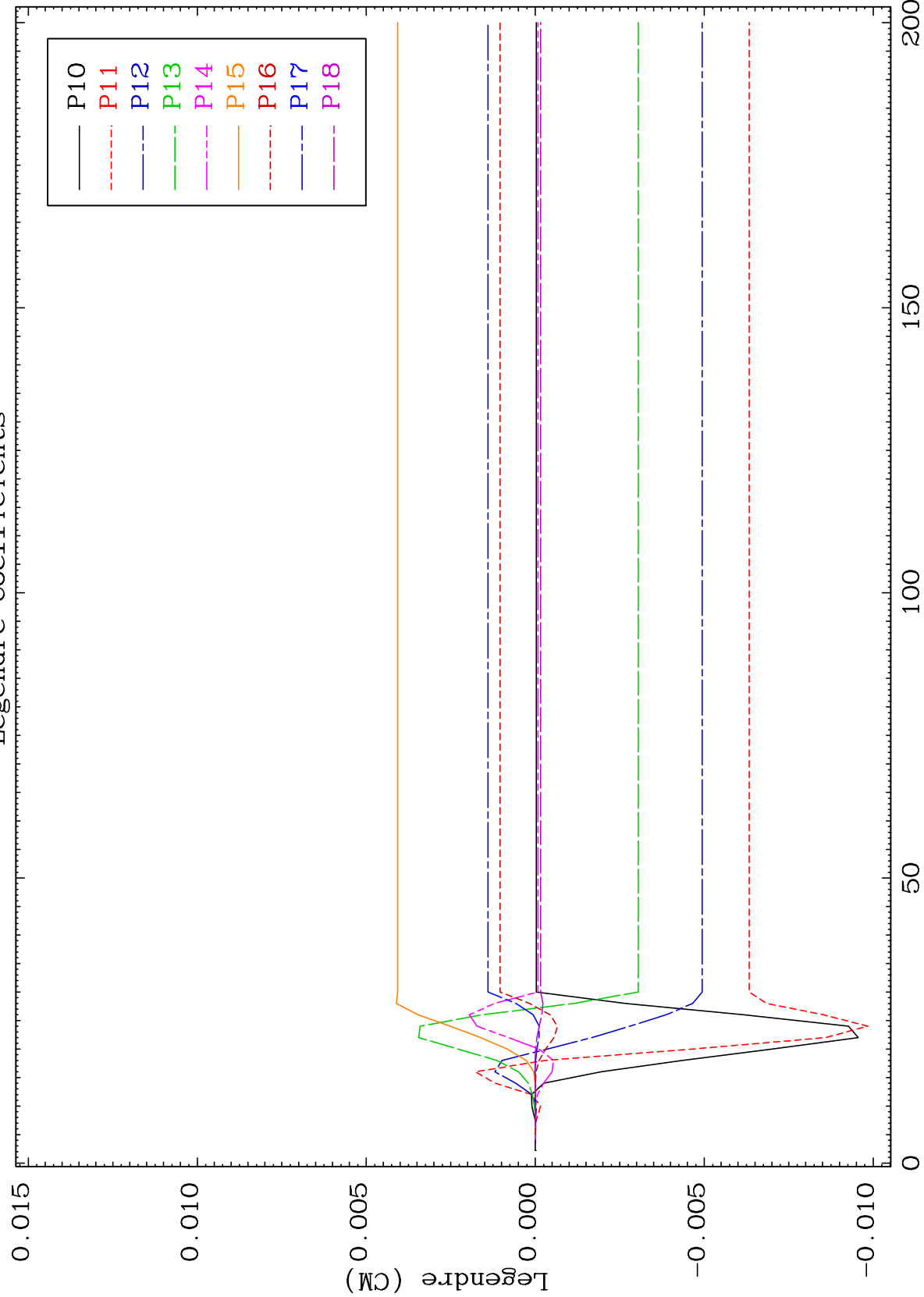
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

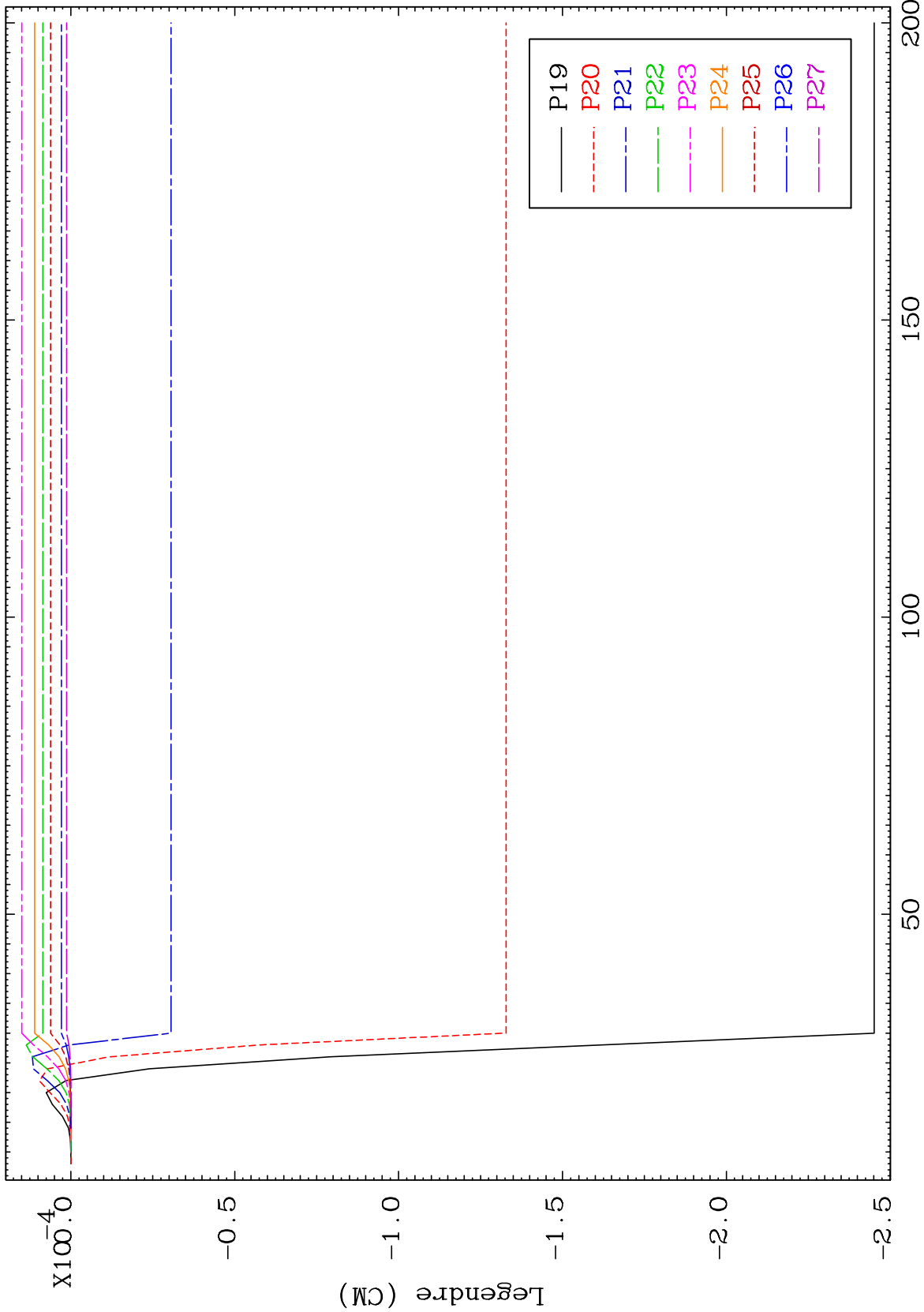
62-Sm-138



MAT 6207

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

62-Sm-138



55

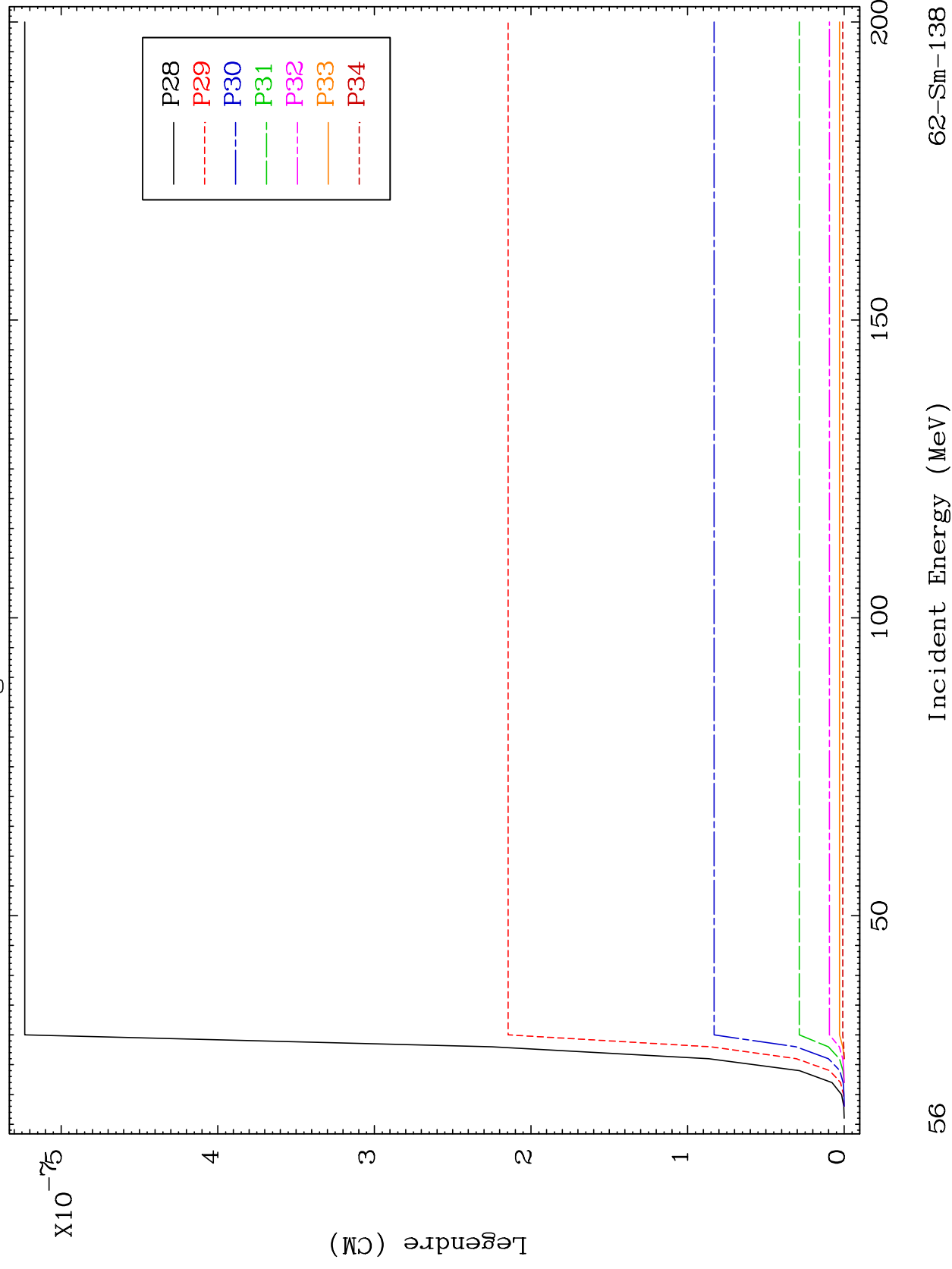
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



56

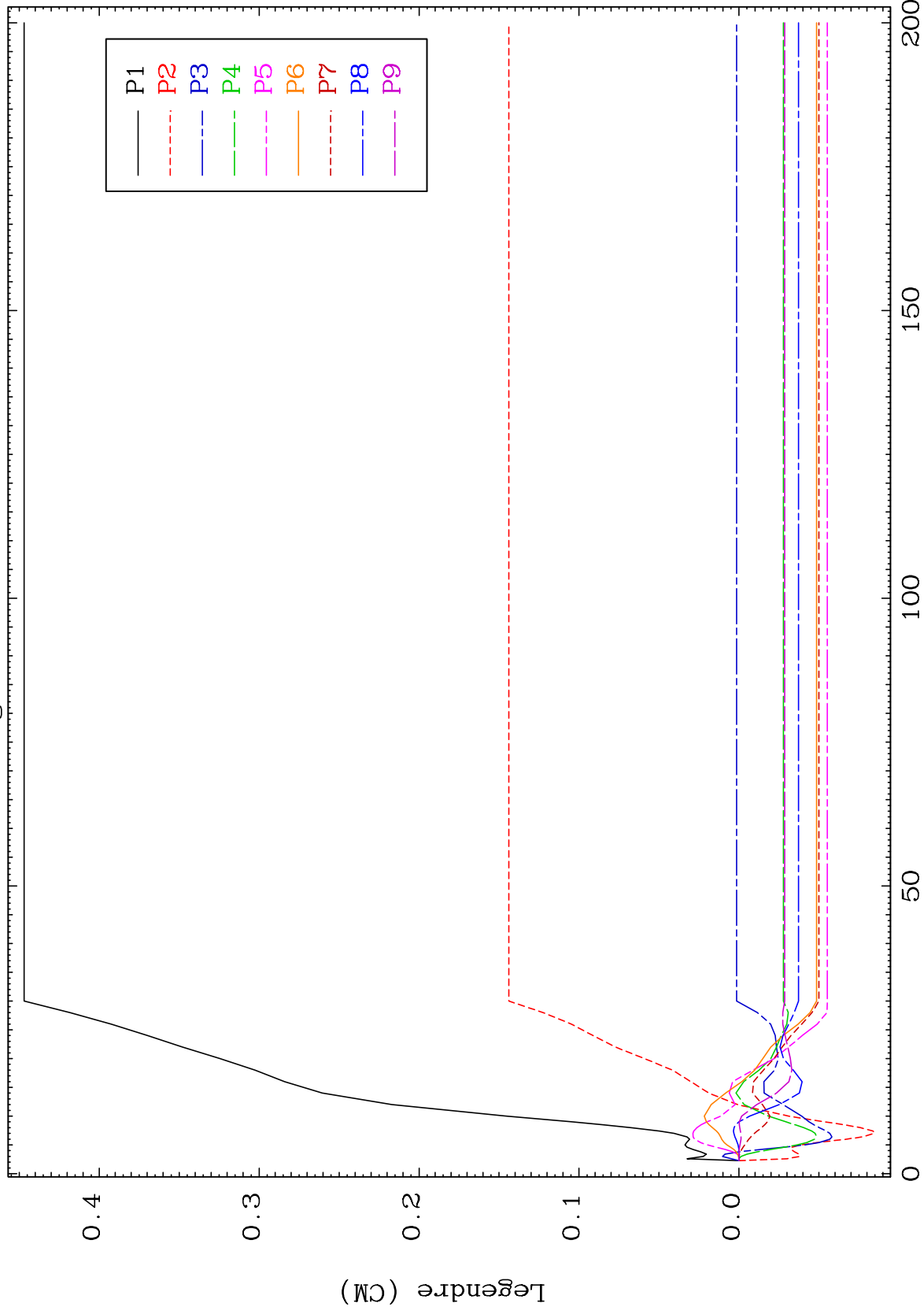
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



57

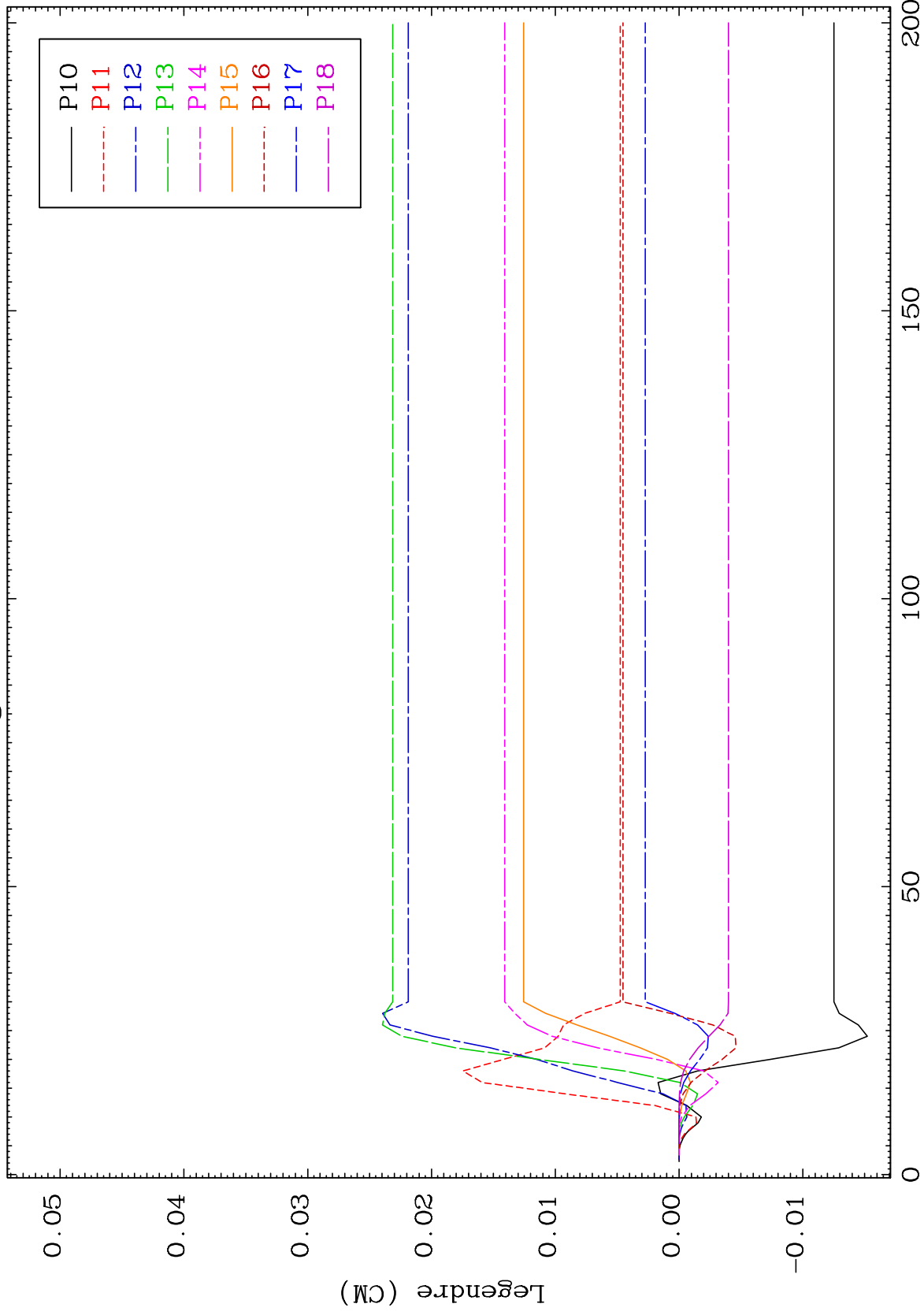
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



58

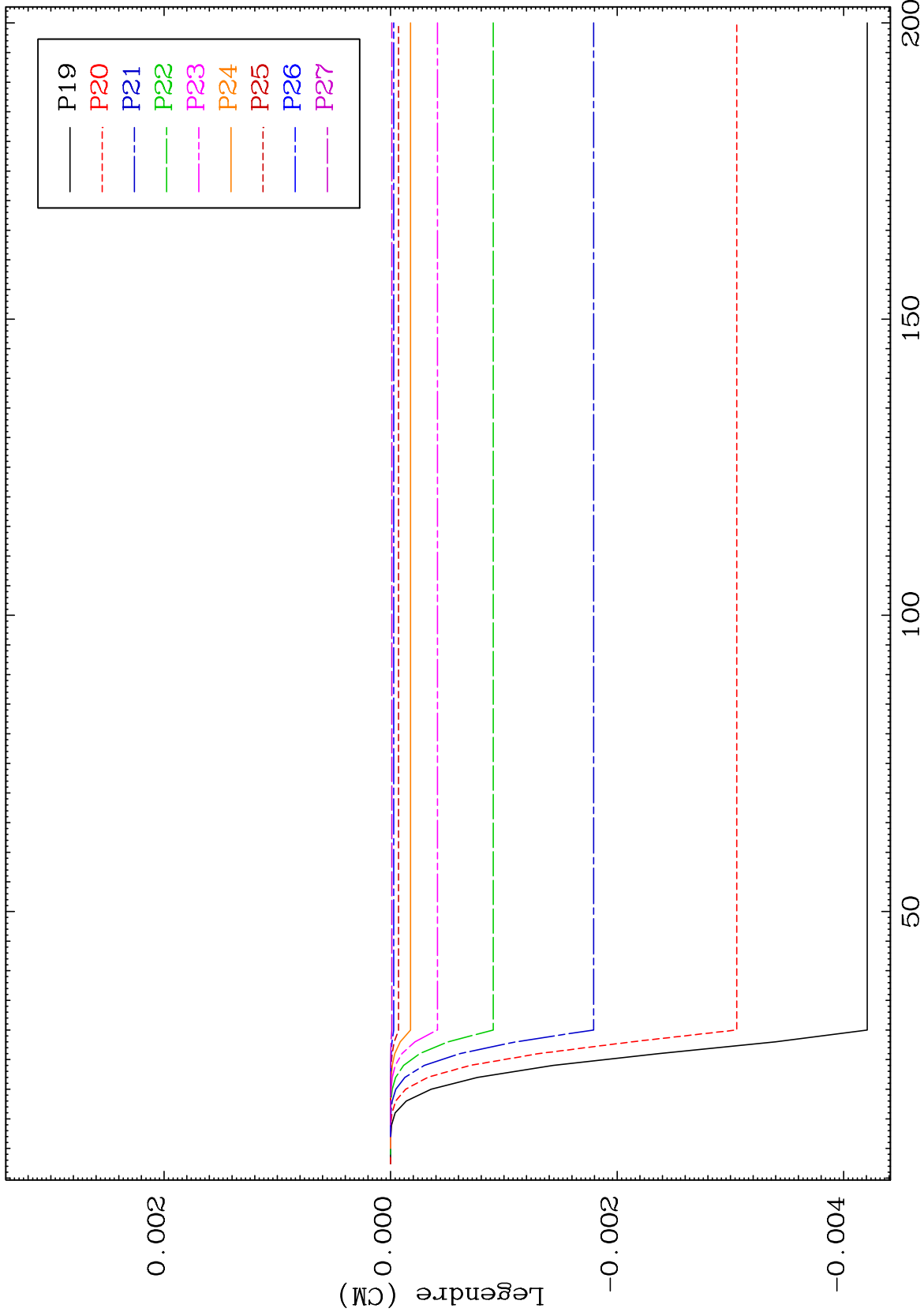
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

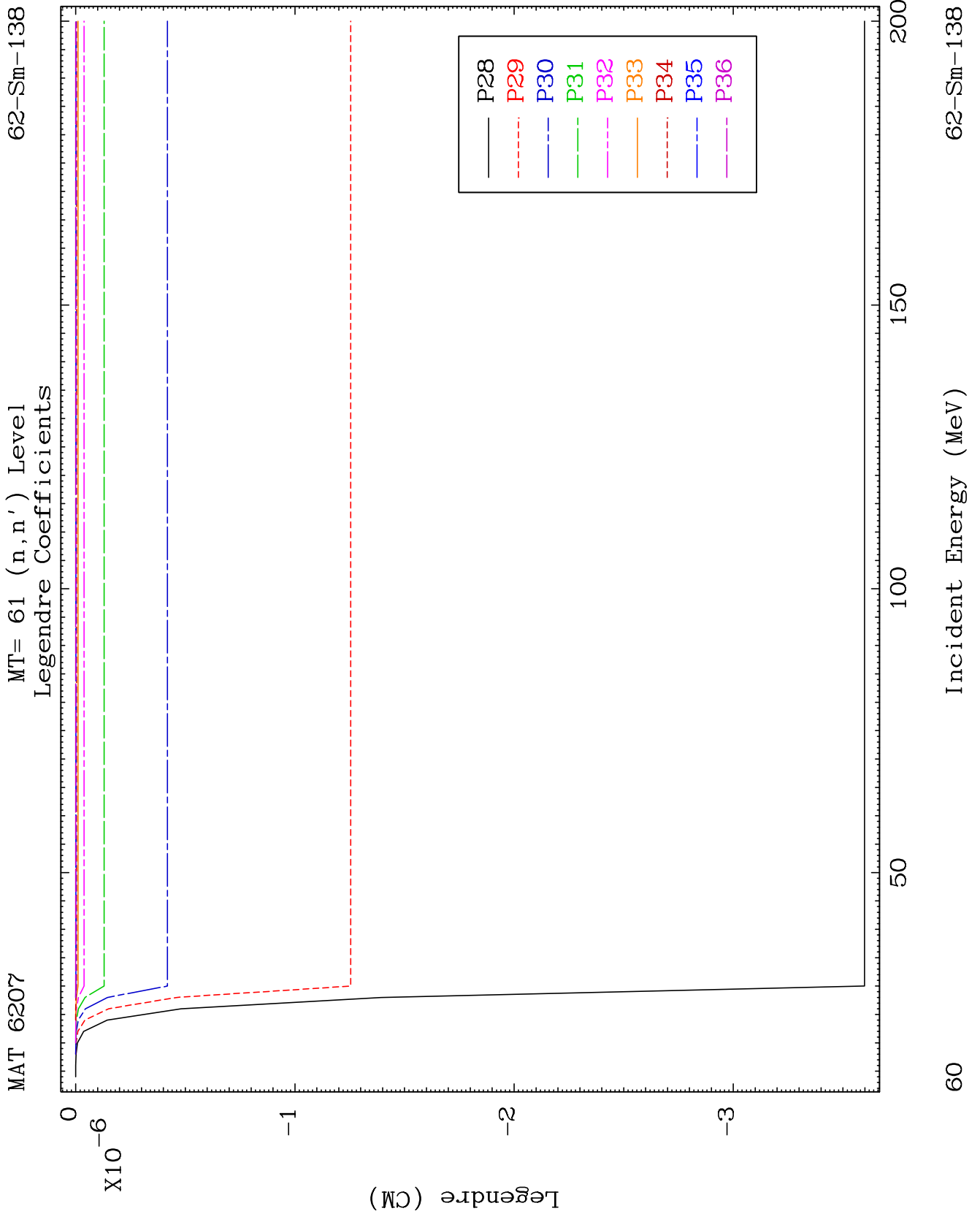
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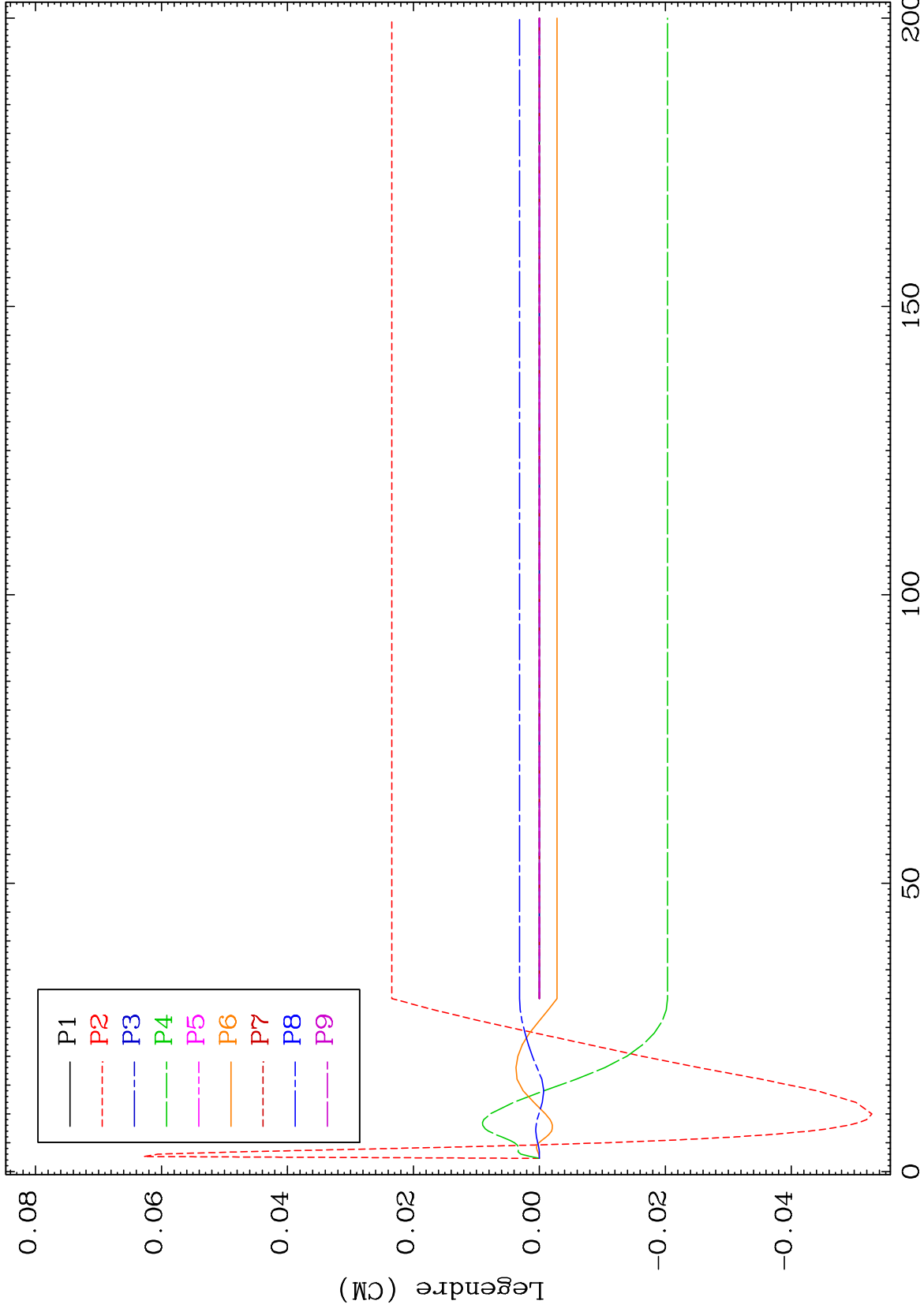


59

Incident Energy (MeV)

62-Sm-138

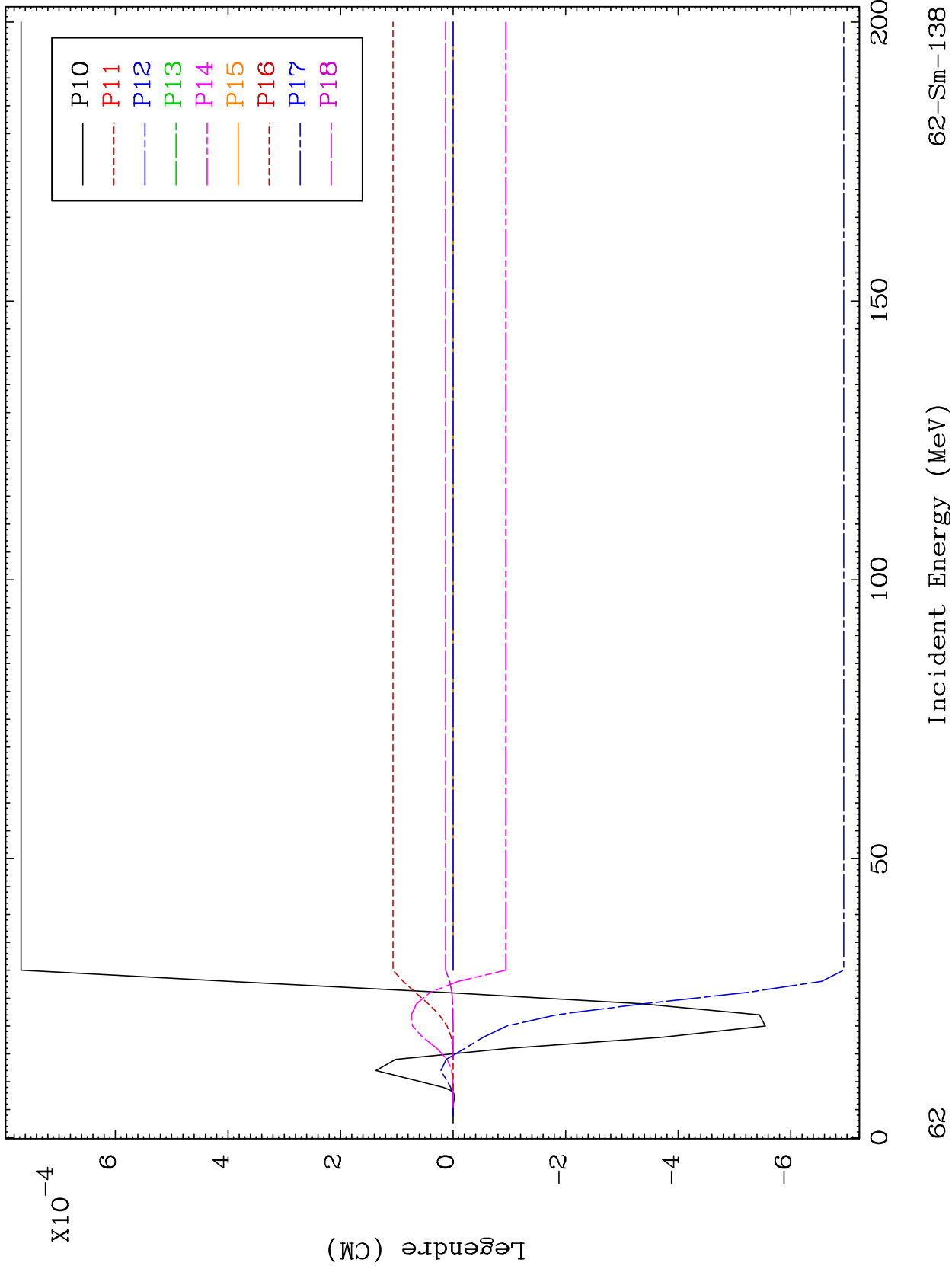




MAT 6207

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

62-Sm-138



62

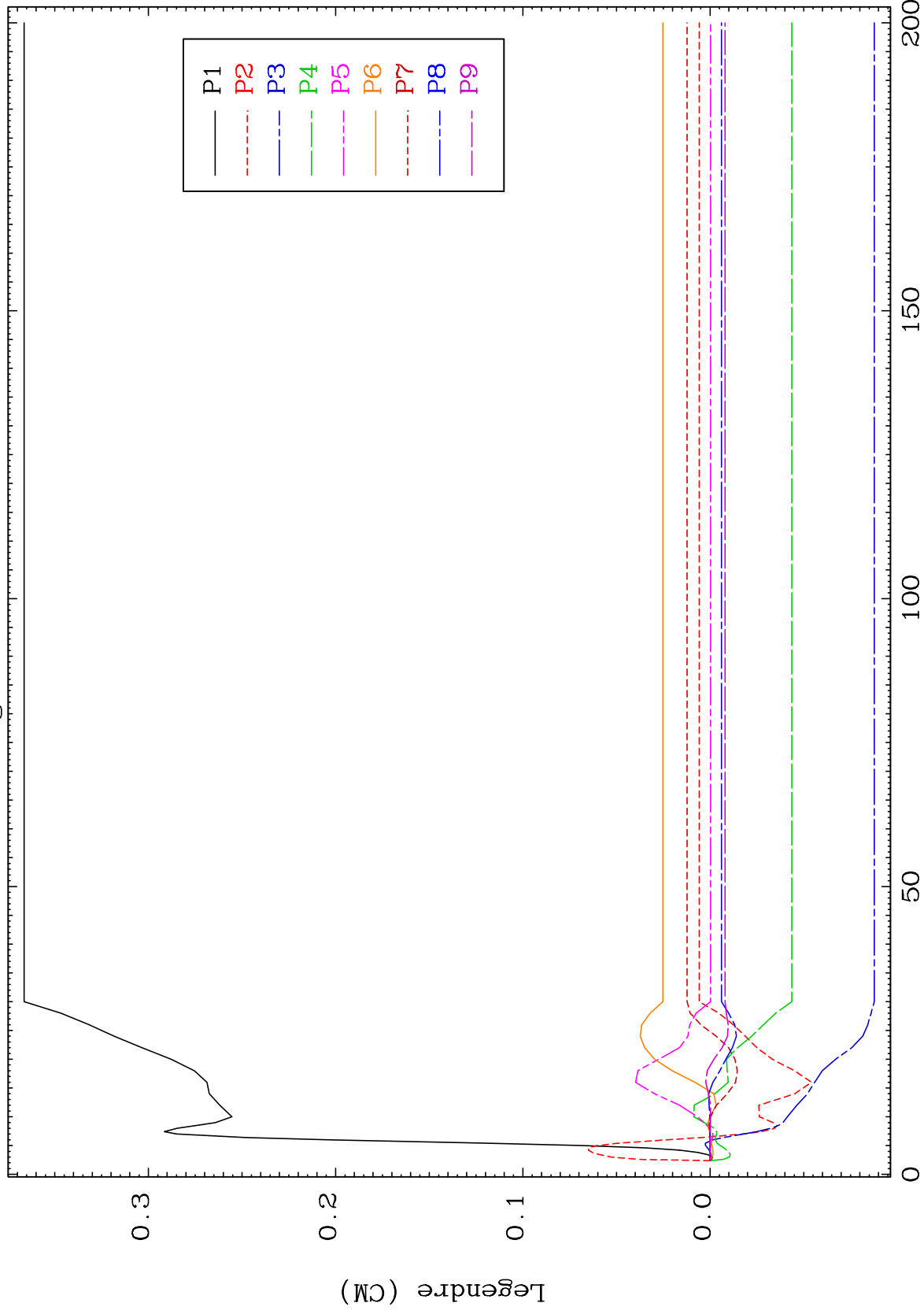
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



64

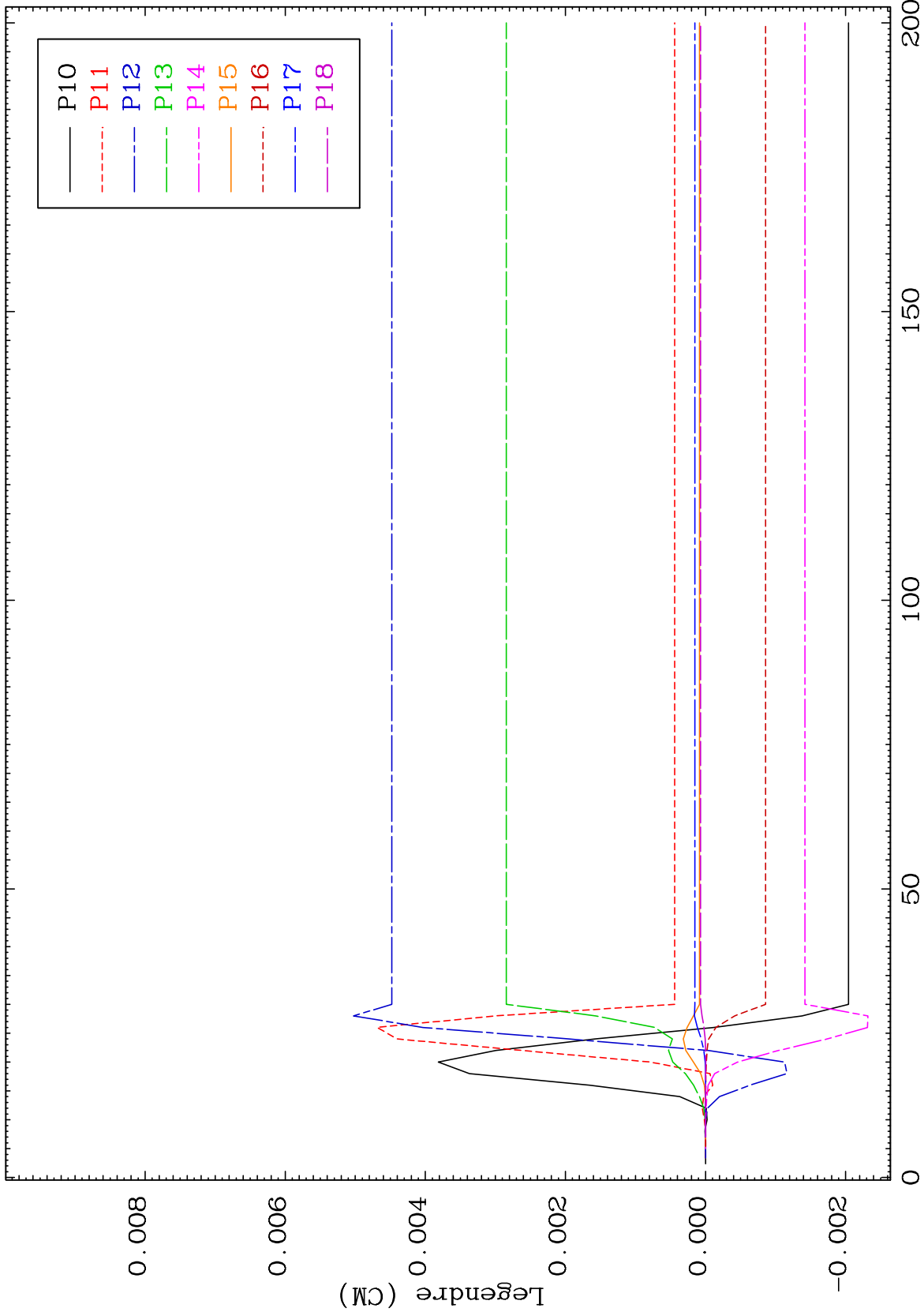
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

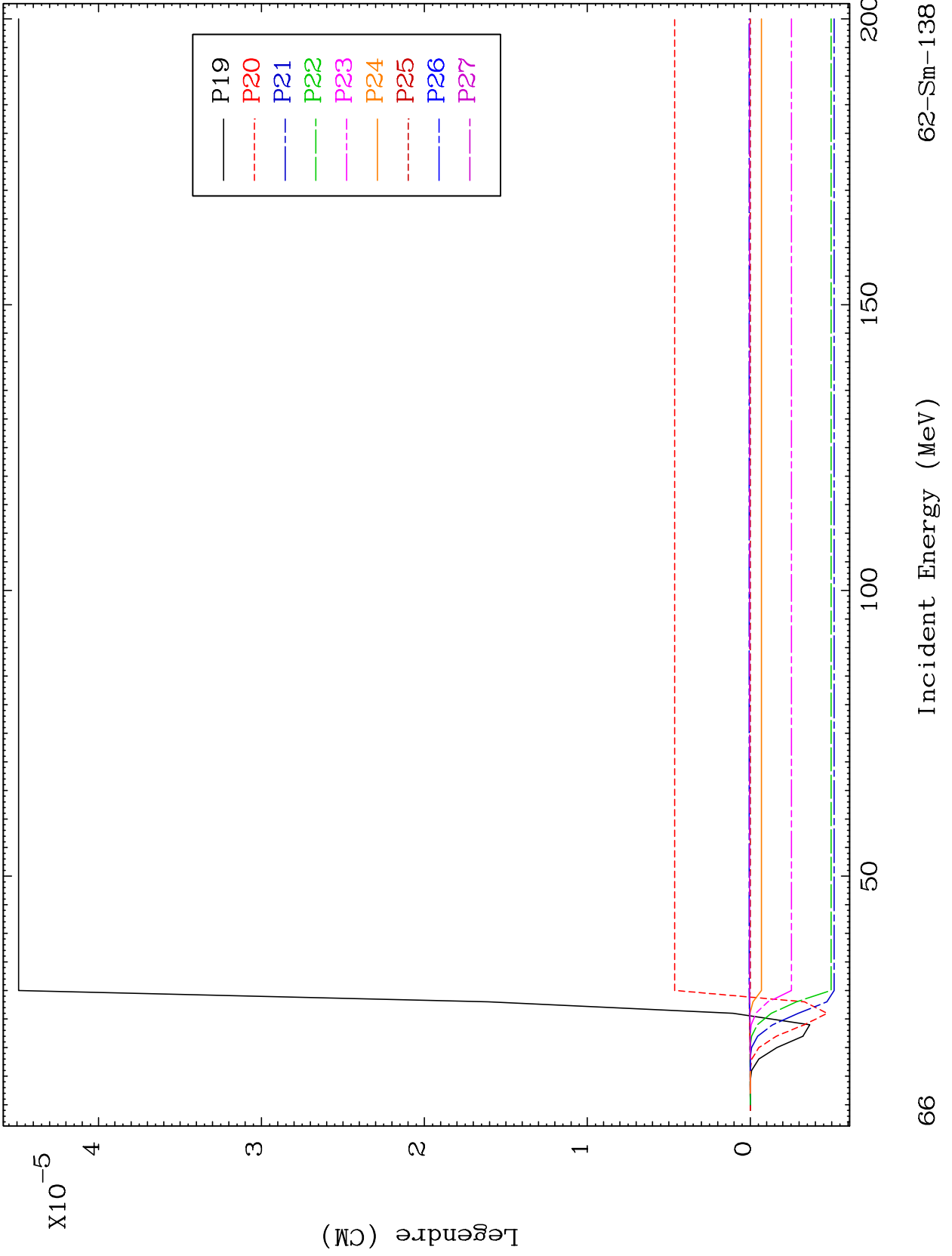
62-Sm-138



65

Incident Energy (MeV)

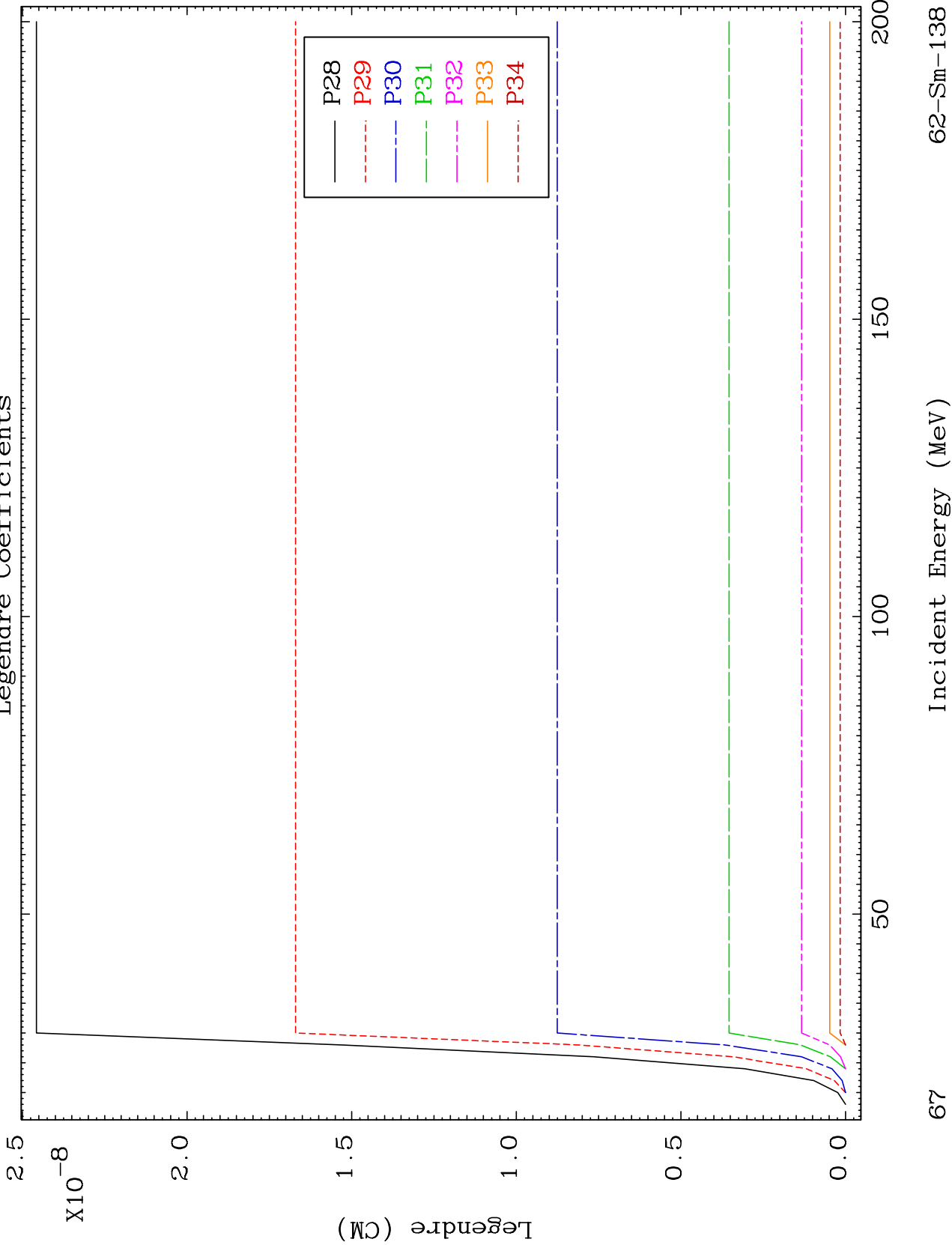
62-Sm-138



MAT 6207

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

62-Sm-138



67

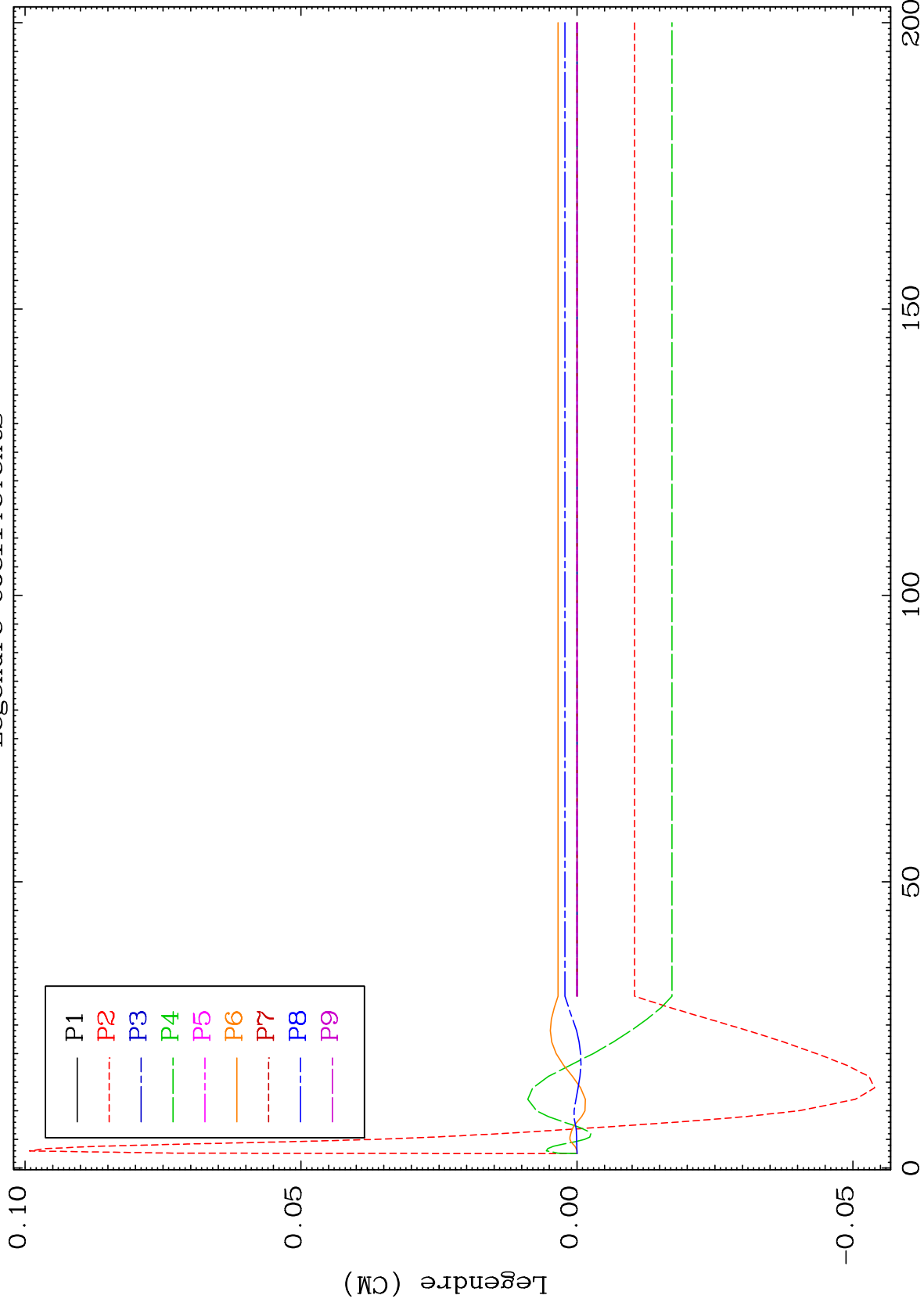
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



68

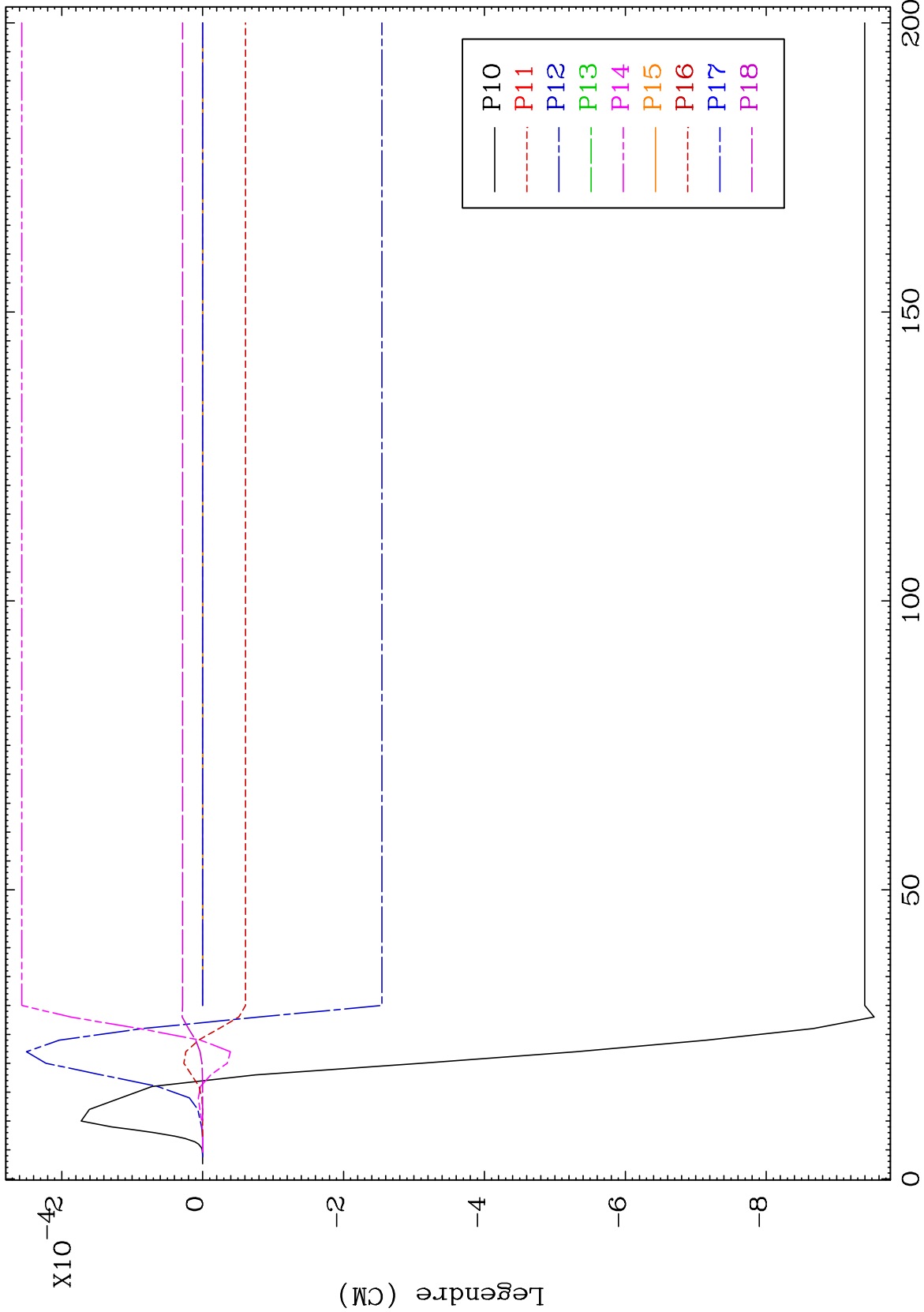
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

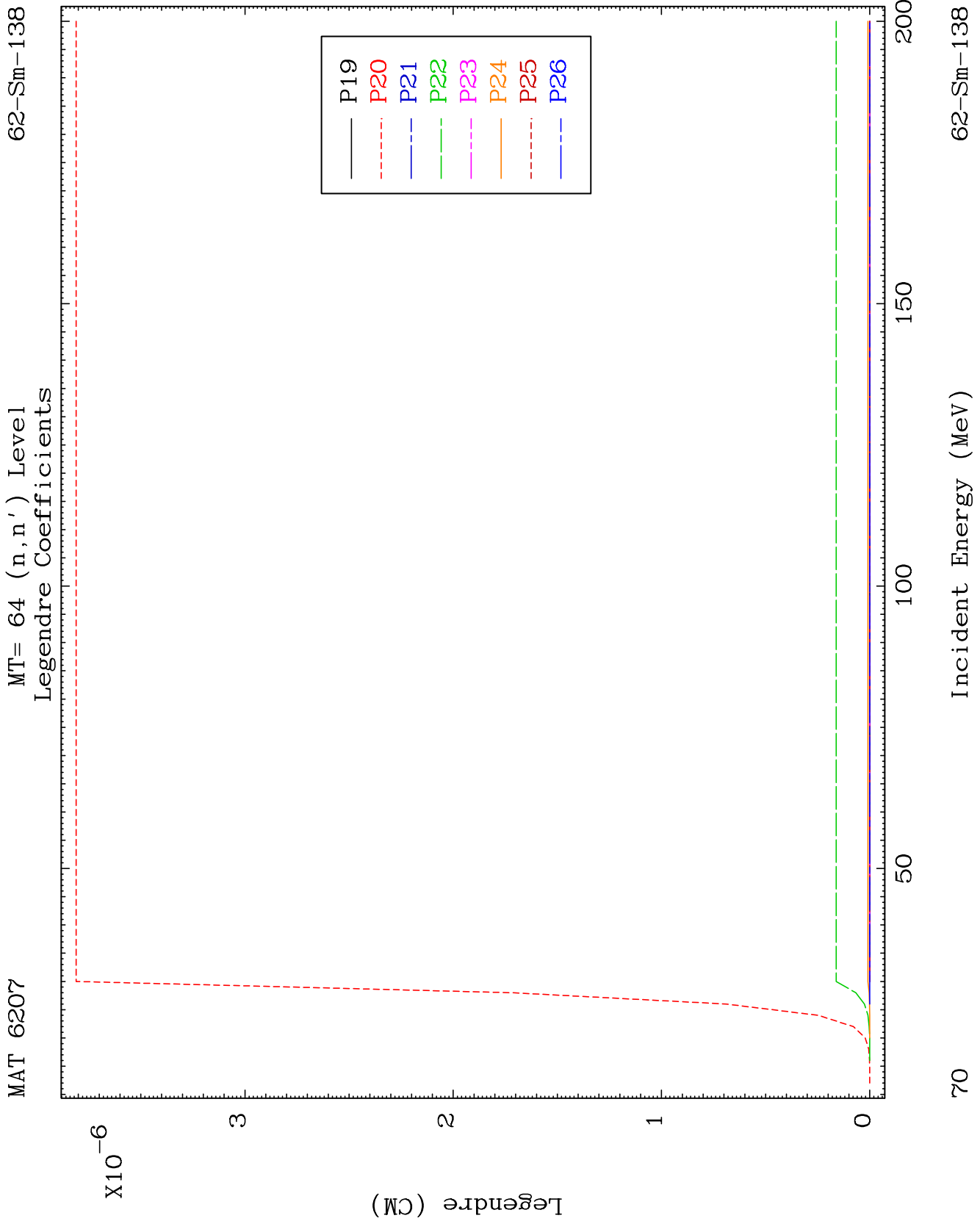
62-Sm-138



69

Incident Energy (MeV)

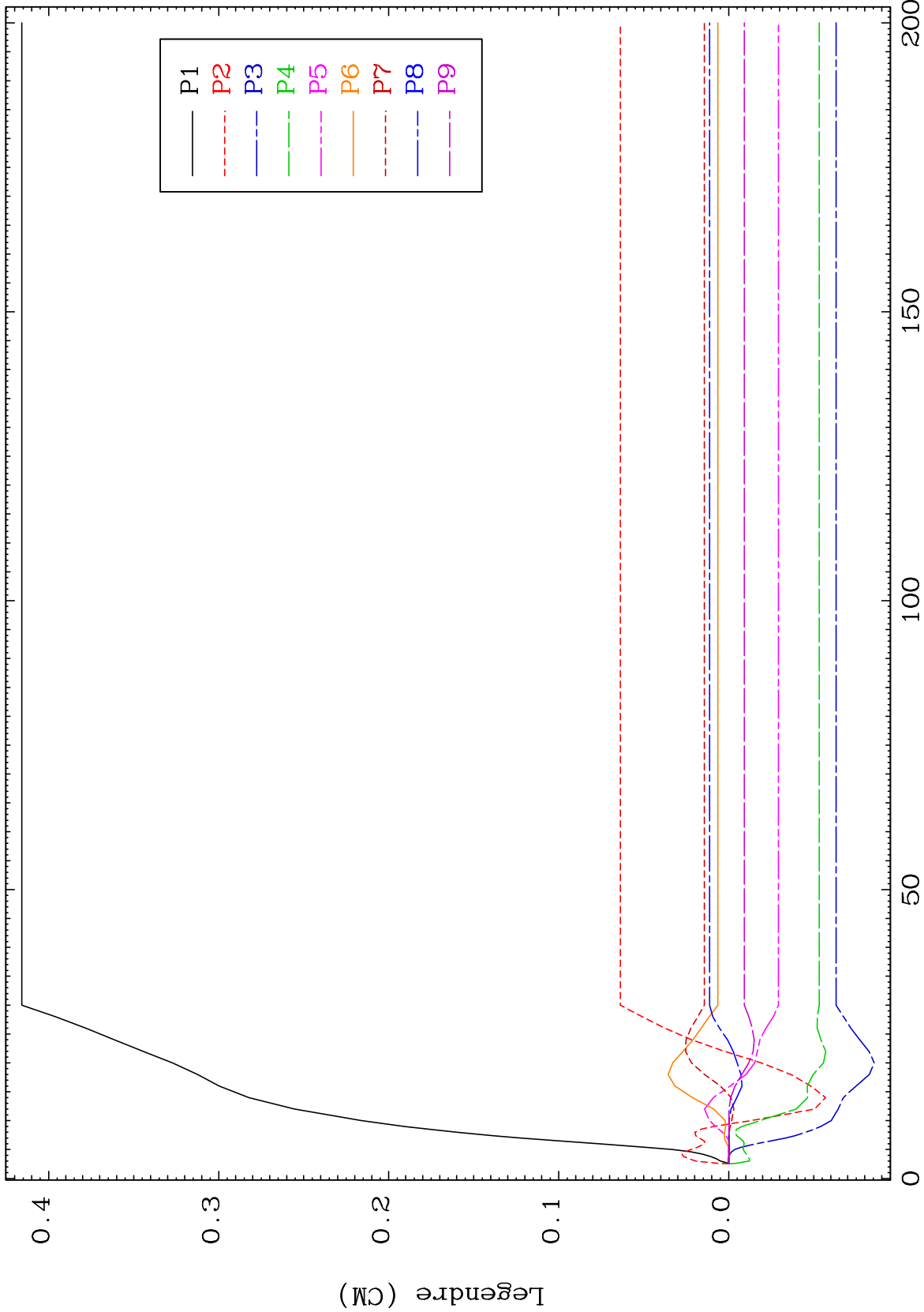
62-Sm-138



MAT 6207

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

62-Sm-138



71

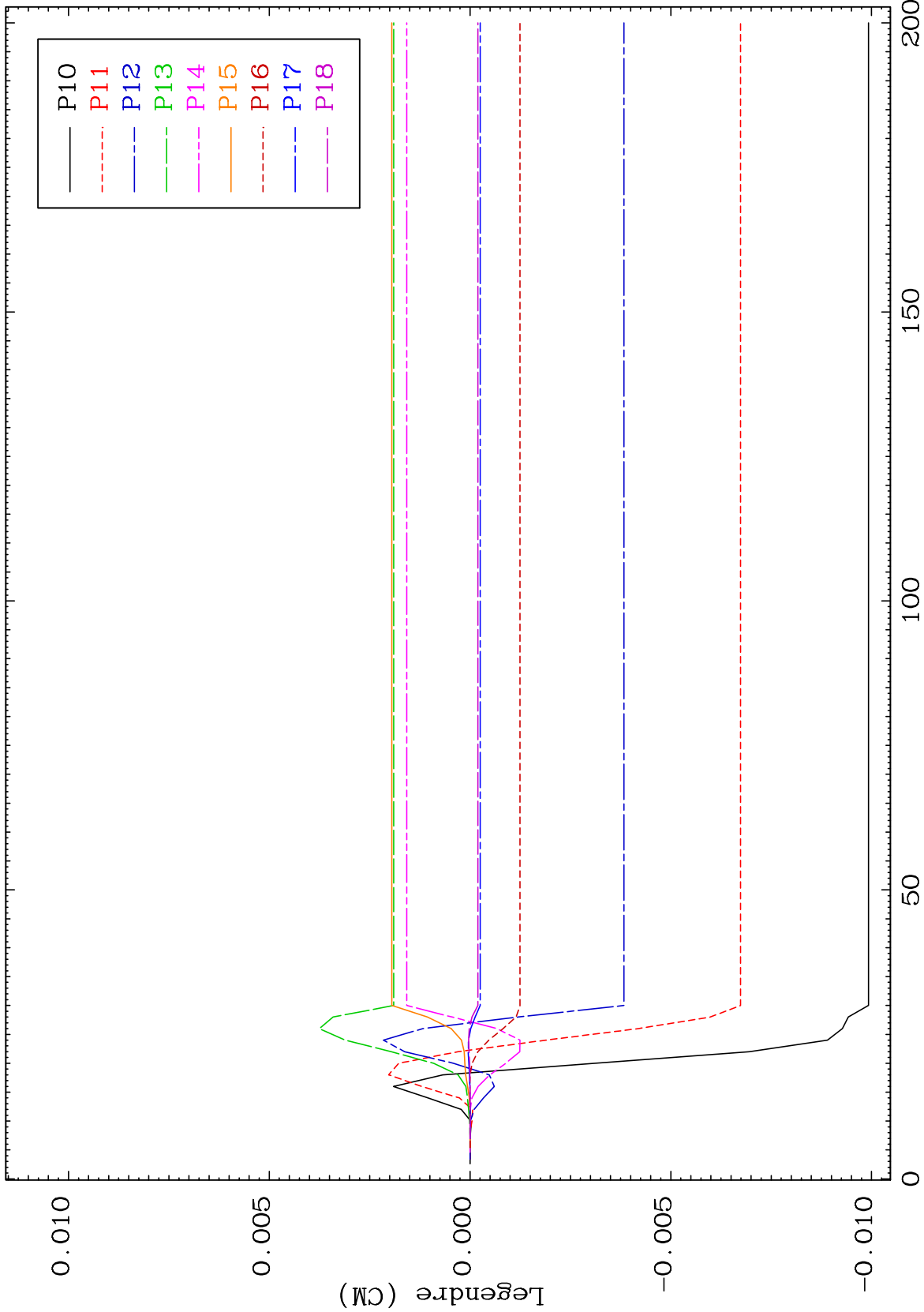
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

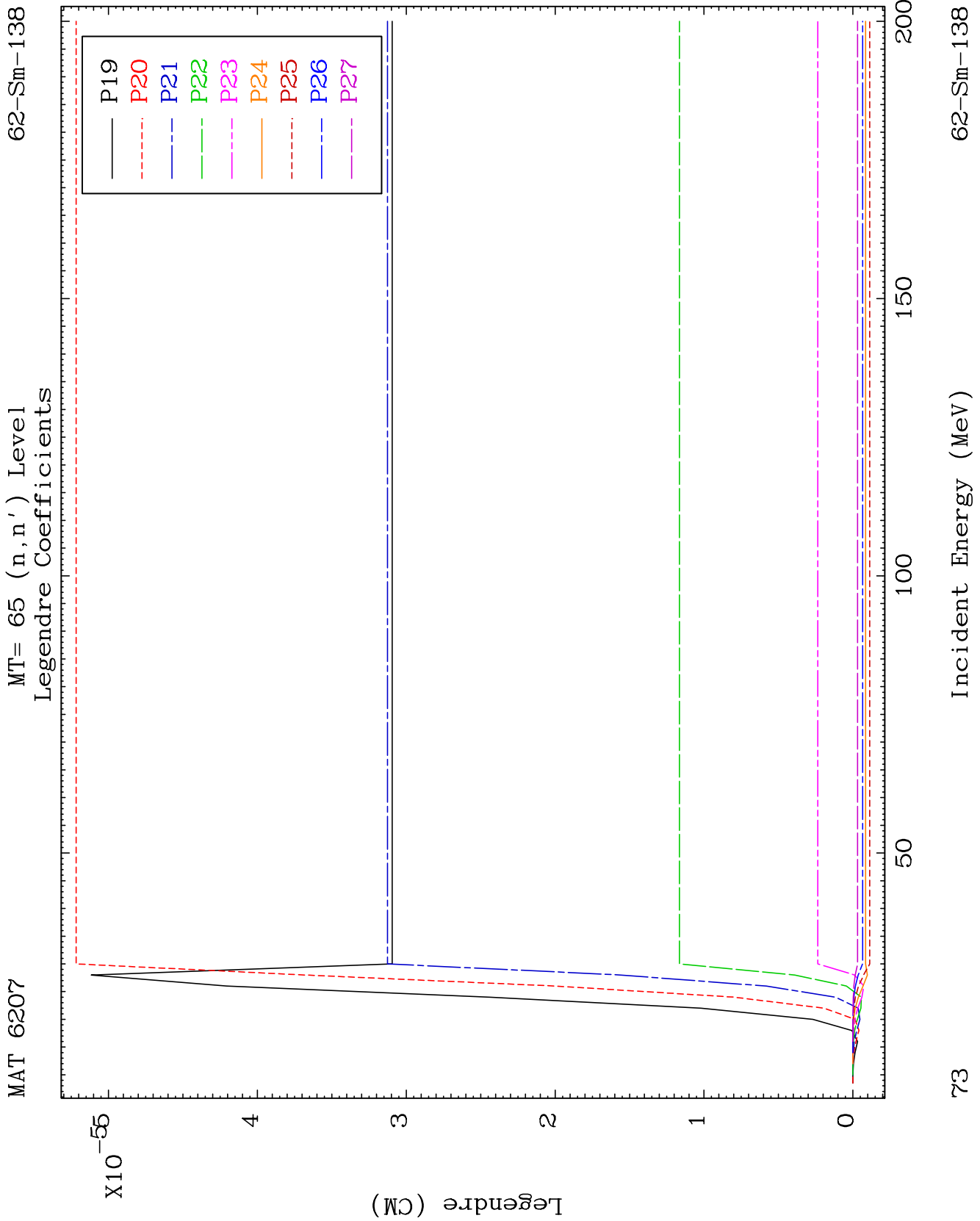
62-Sm-138



72

Incident Energy (MeV)

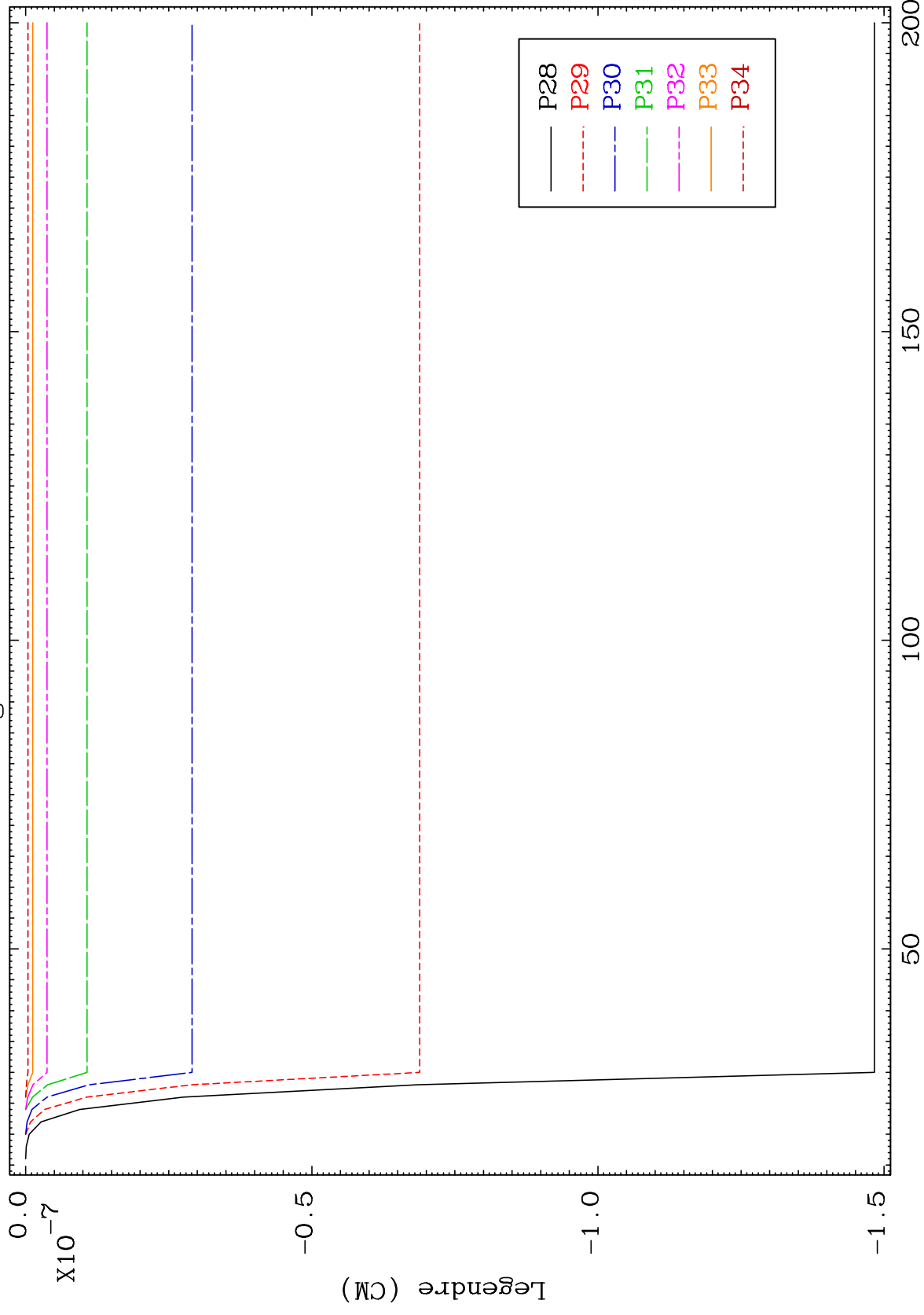
62-Sm-138



MAT 6207

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

62-Sm-138



74

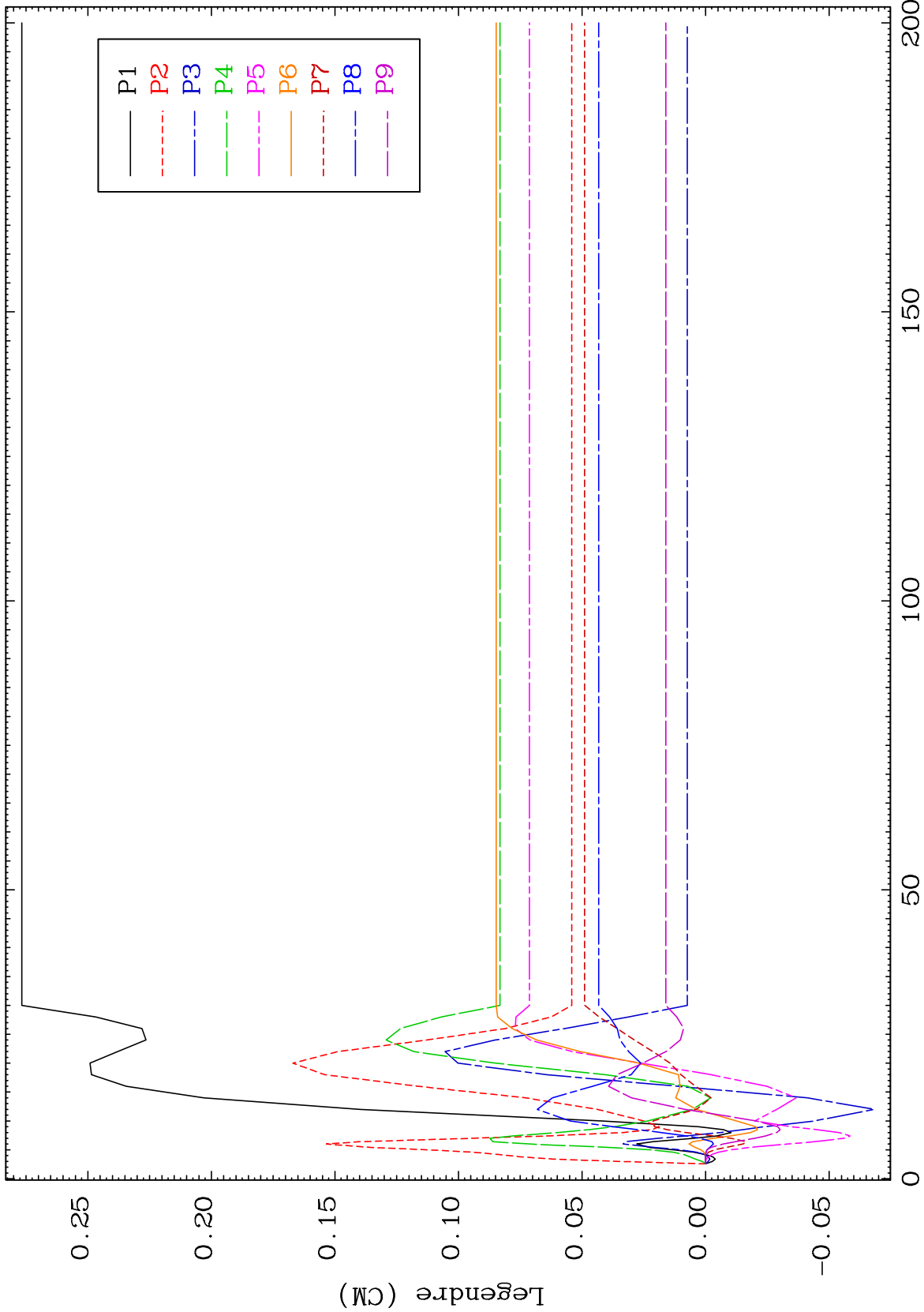
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

62-Sm-138



75

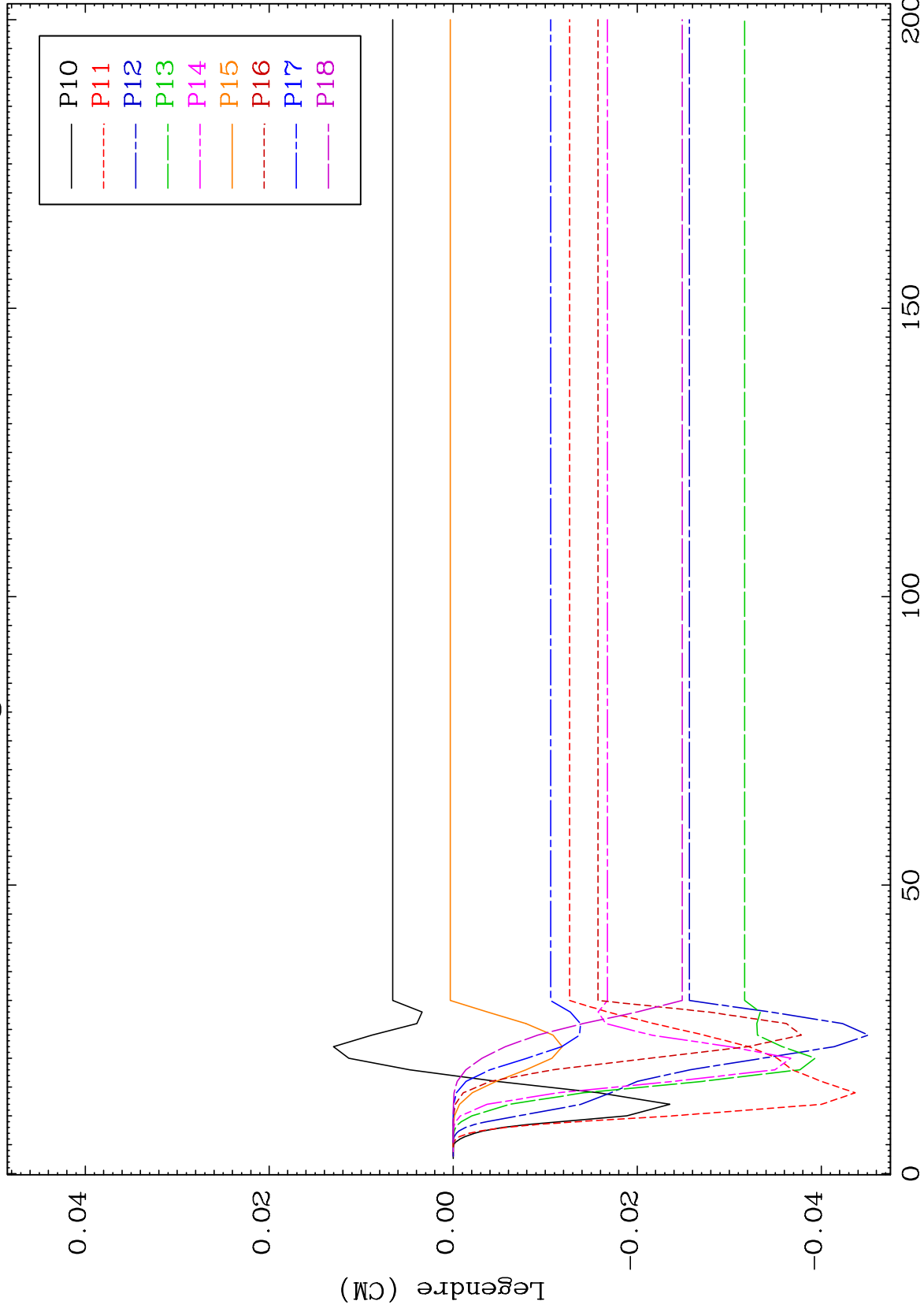
Incident Energy (MeV)

62-Sm-138

MAT 6207

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

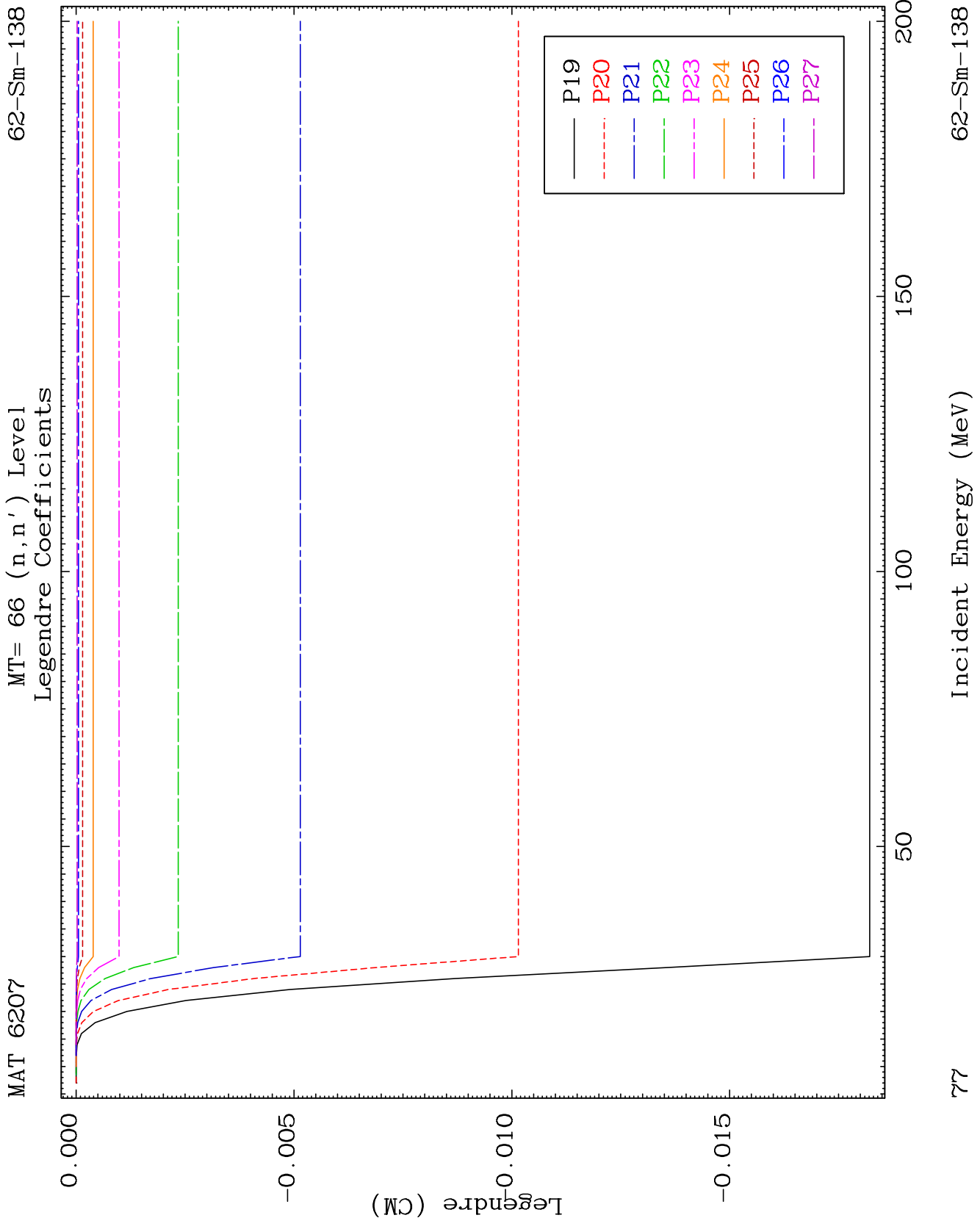
62-Sm-138



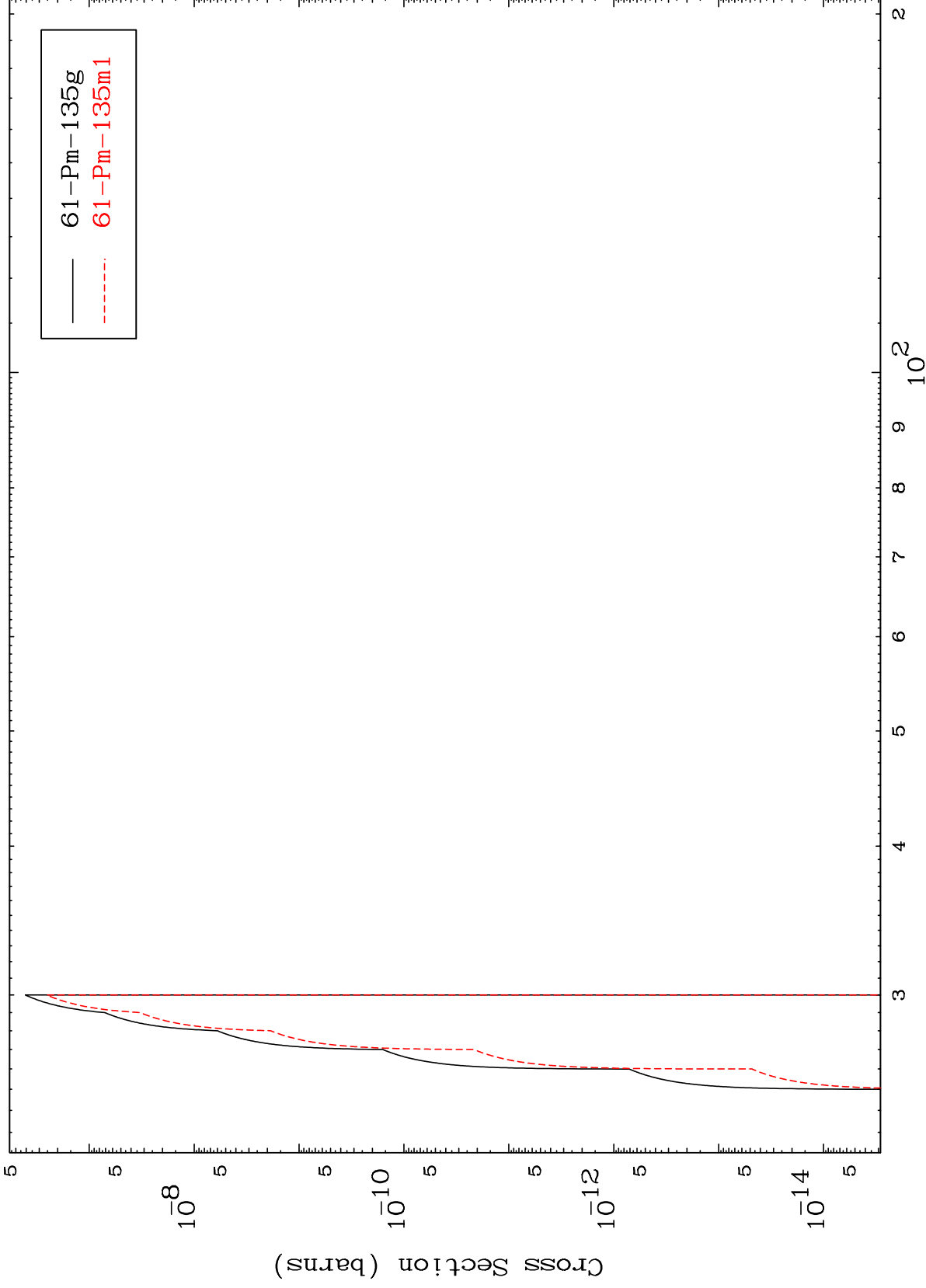
76

Incident Energy (MeV)

62-Sm-138



Radionuclide Production Cross Section

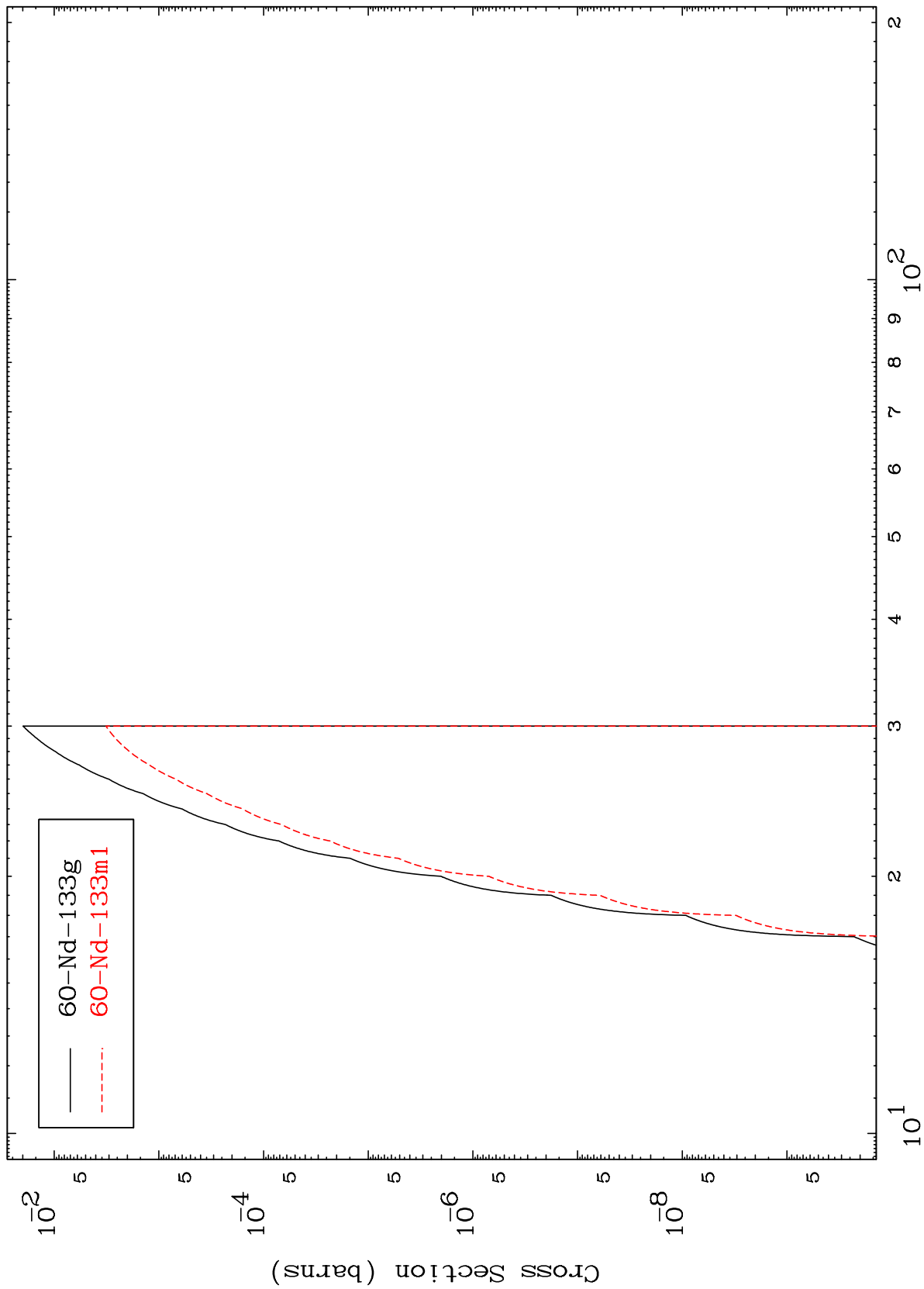


MAT 6207

(n,2n) α

62-Sm-138

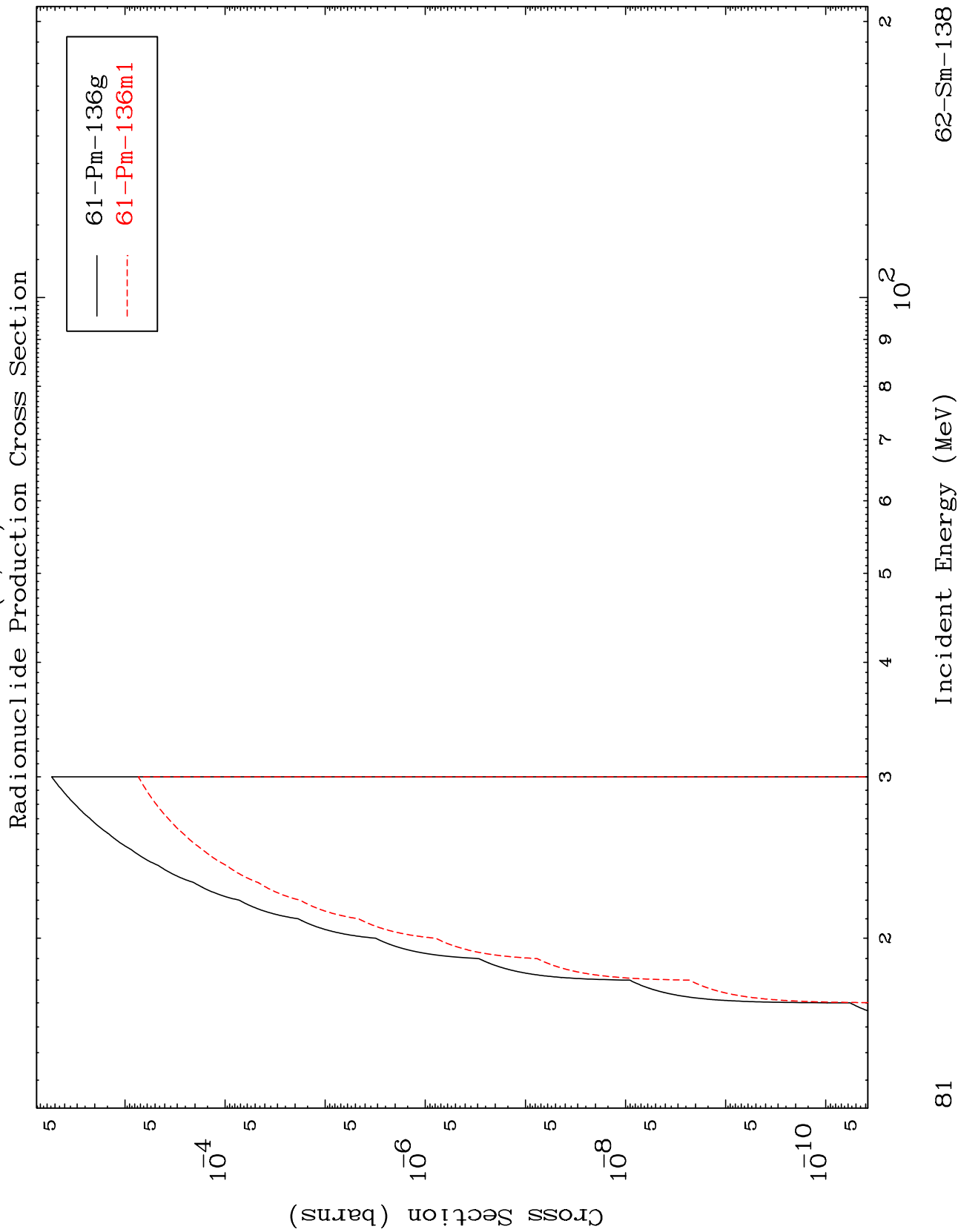
Radionuclide Production Cross Section



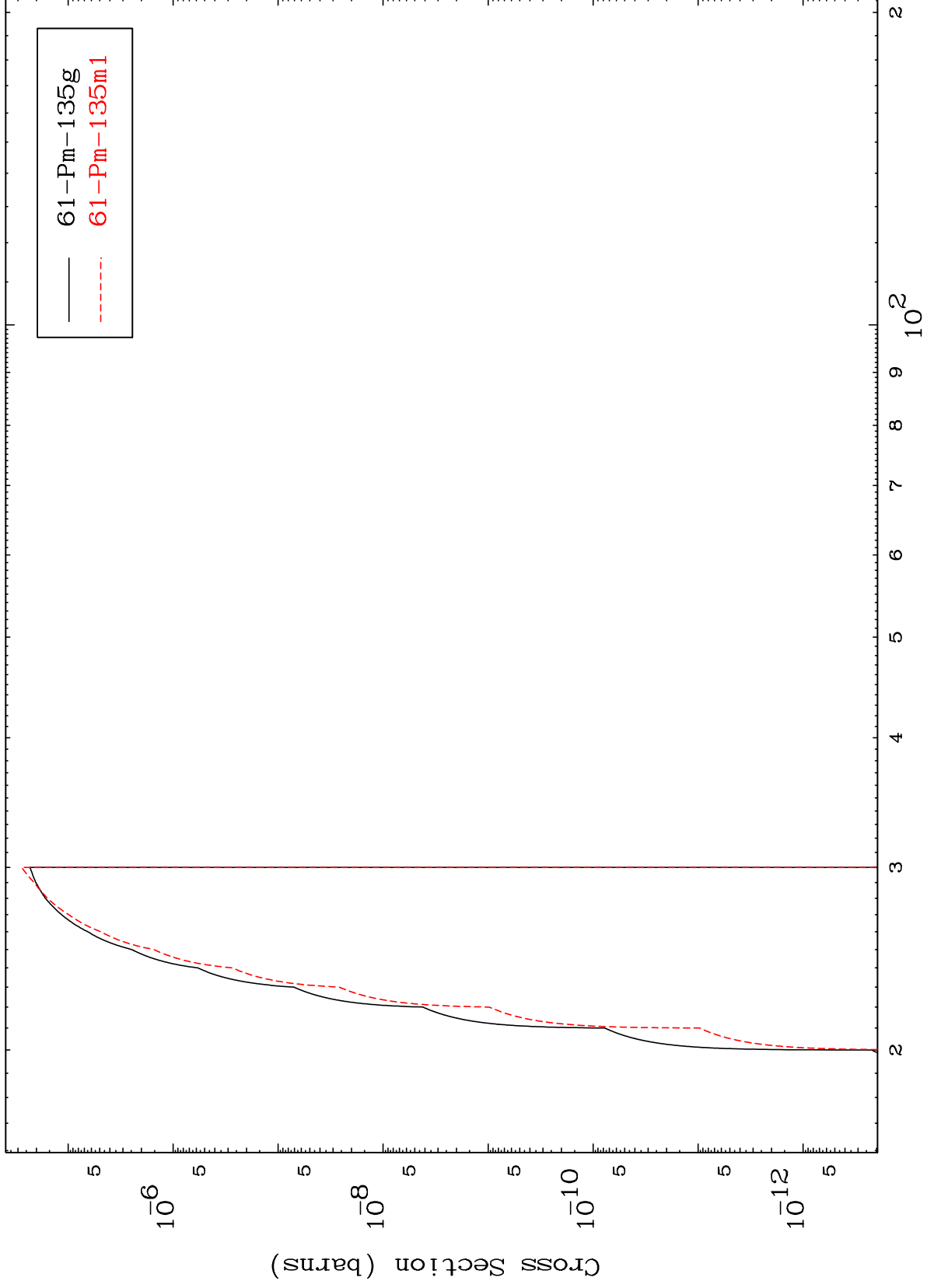
60-Nd-133g
60-Nd-133m1

62-Sm-138

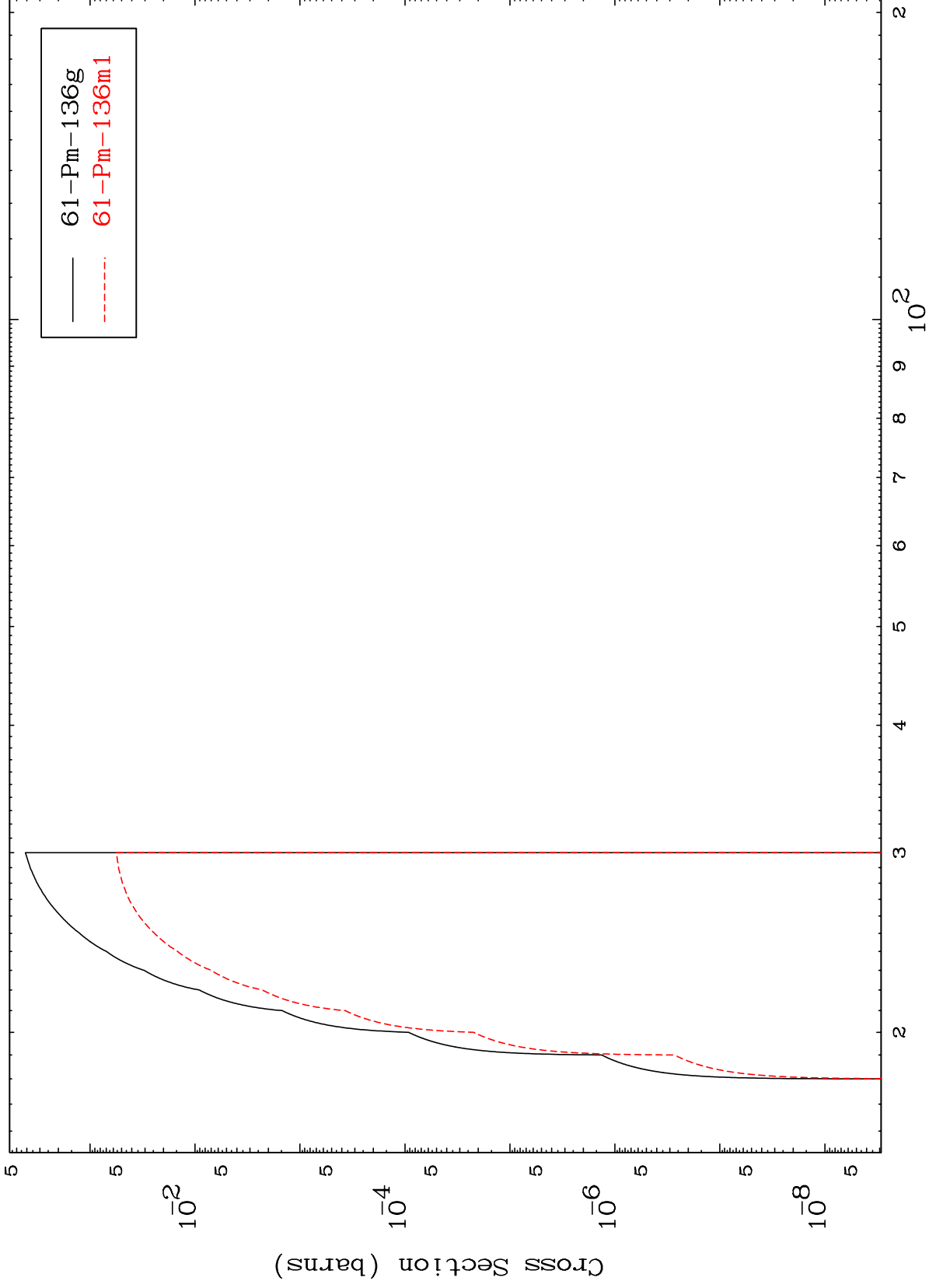
62-Sm-138



Radionuclide Production Cross Section



Radionuclide Production Cross Section

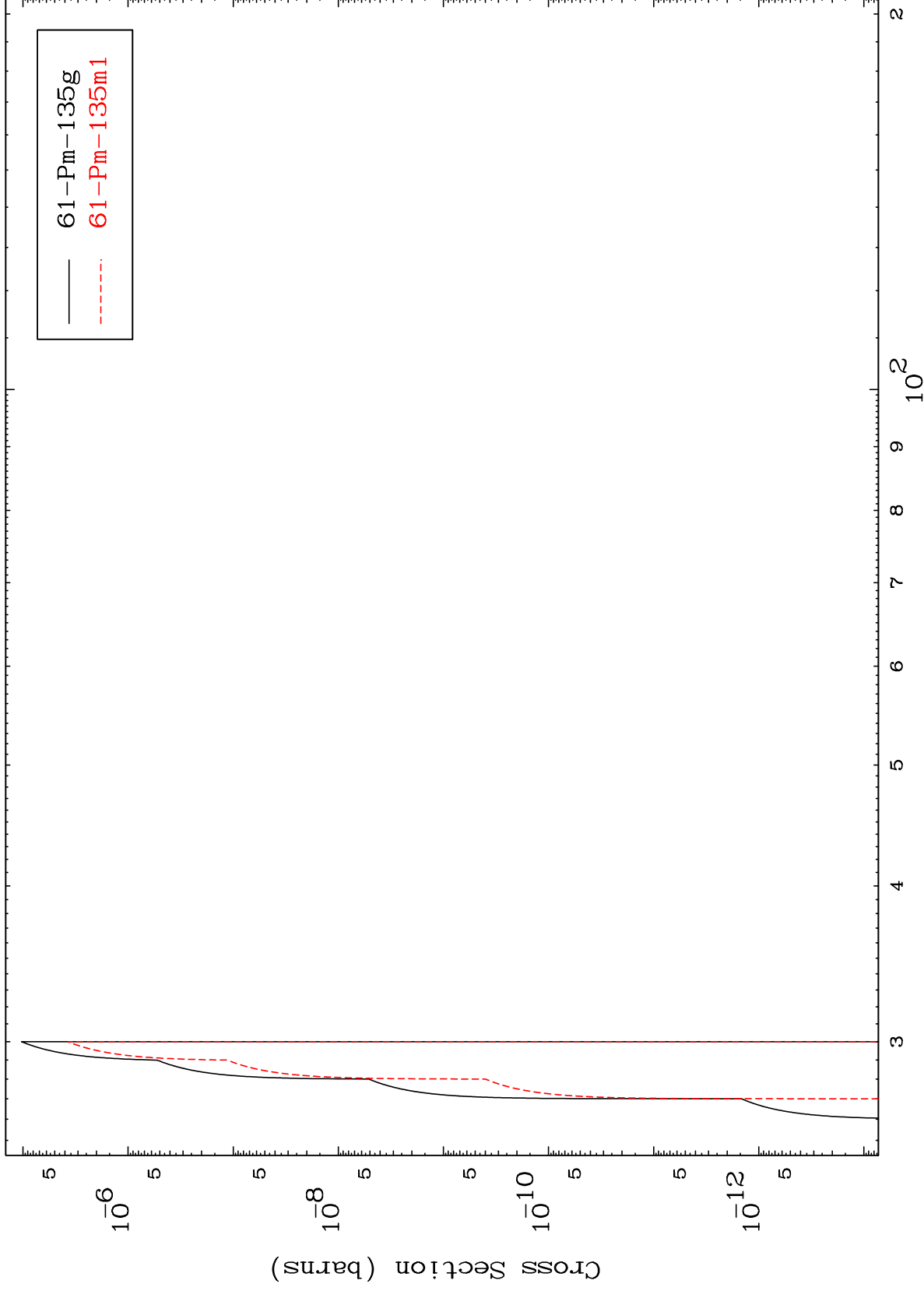


MAT 6207

(n,3n) p

62-Sm-138

Radionuclide Production Cross Section



84

Incident Energy (MeV)

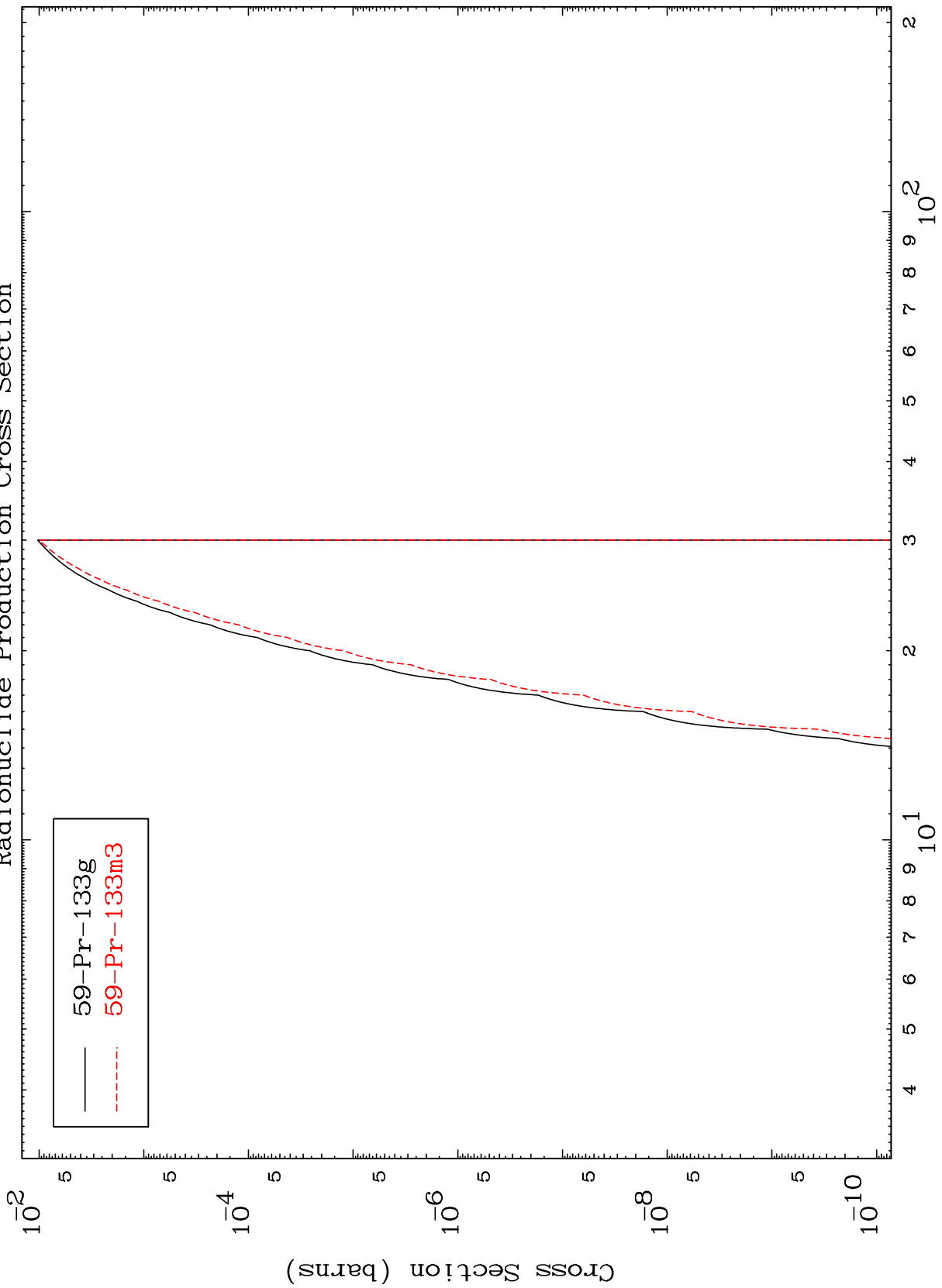
62-Sm-138

MAT 6207

(n,n') p α

62-Sm-138

Radionuclide Production Cross Section



59-Pr-133g
59-Pr-133m3

85

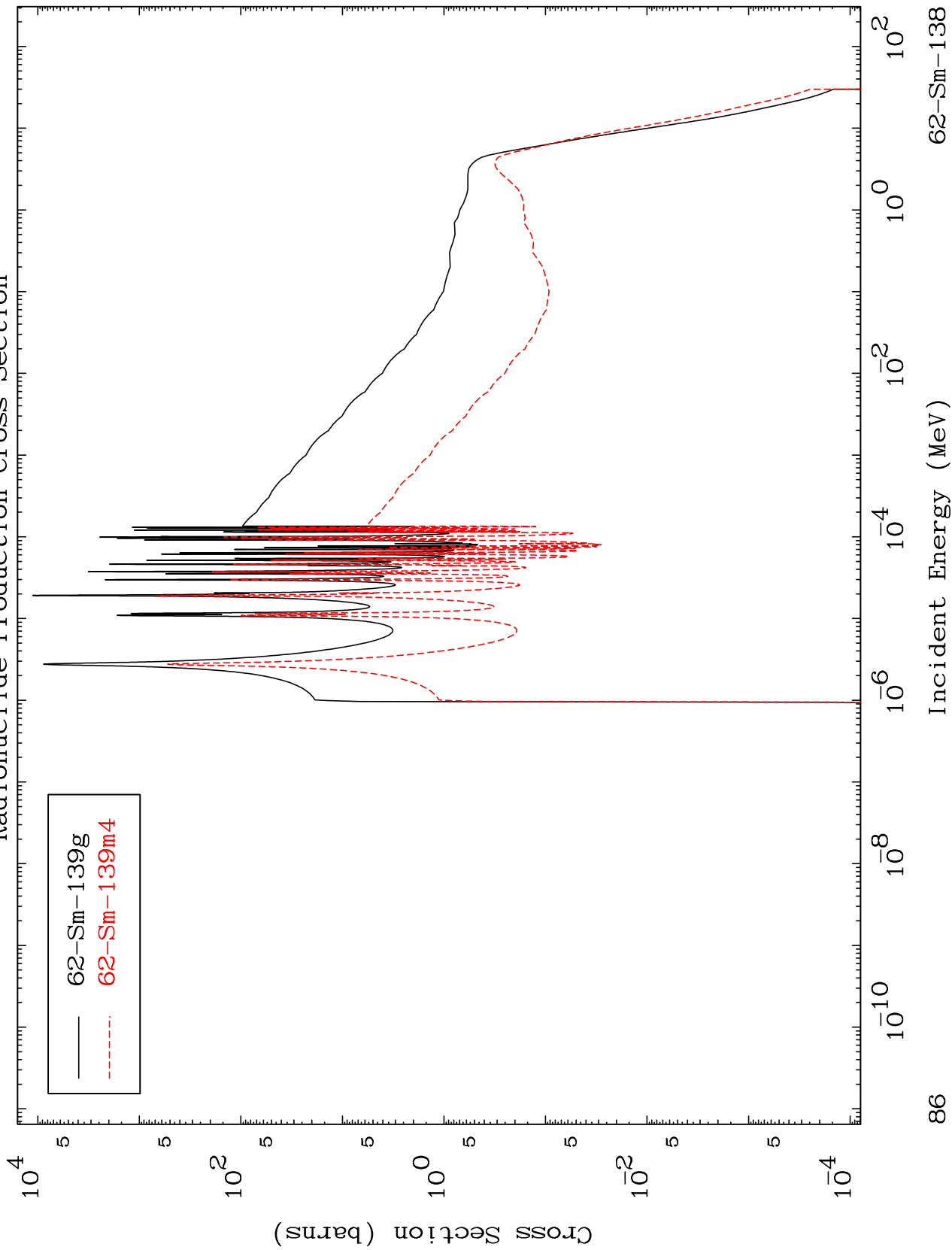
Incident Energy (MeV)

62-Sm-138

MAT 6207

62-Sm-138

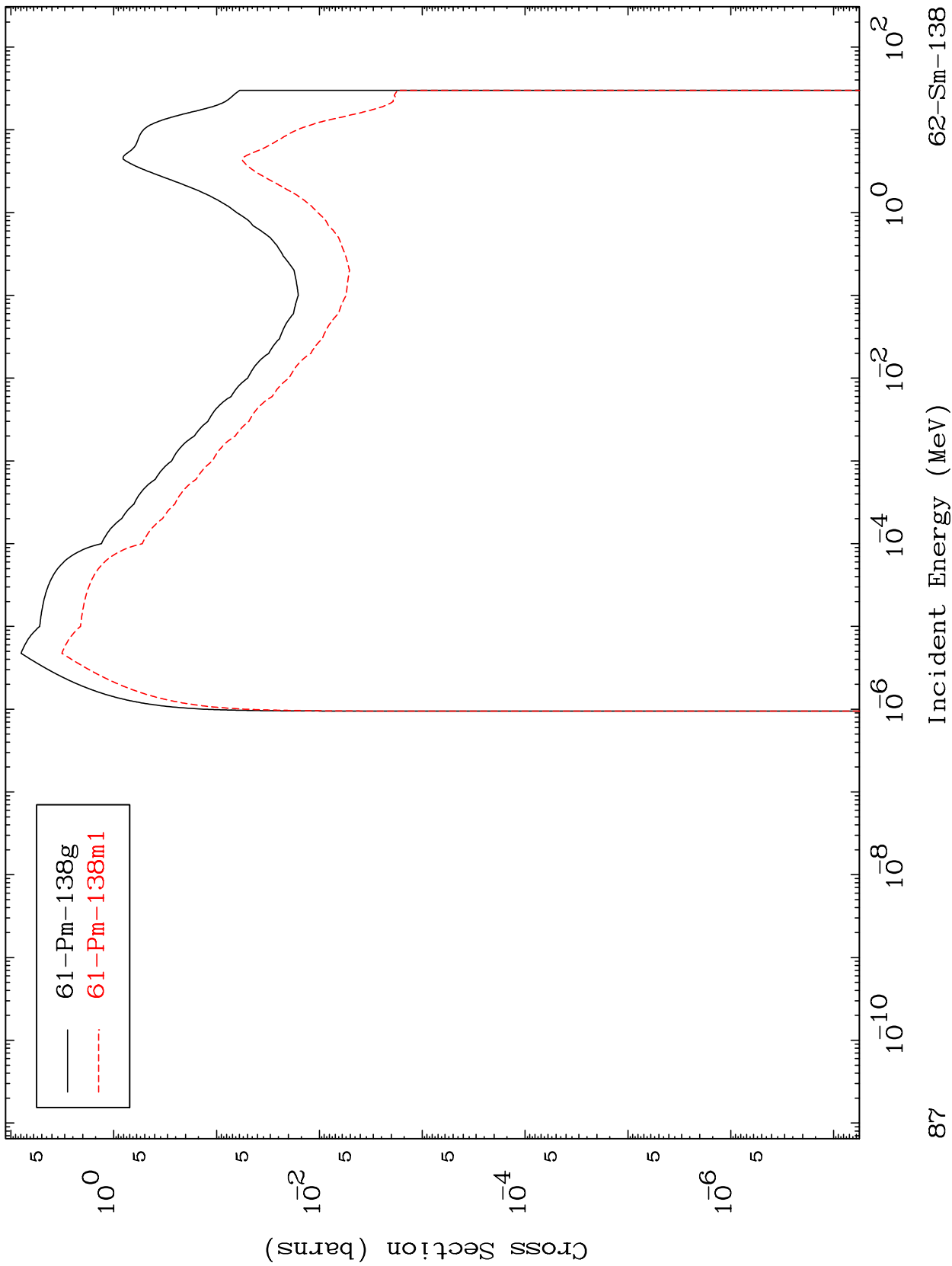
Radionuclide Production Cross Section



MAT 6207

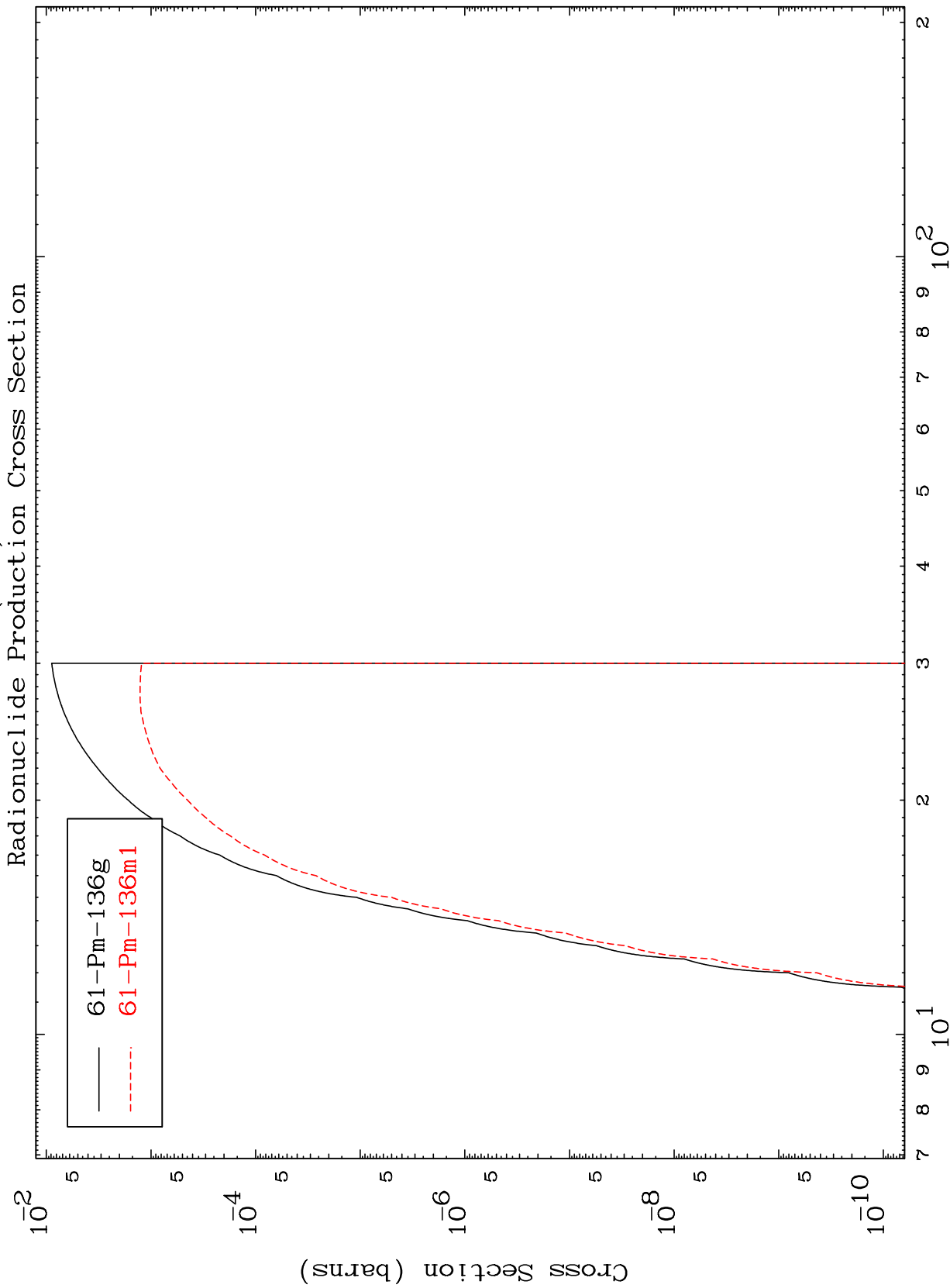
62-Sm-138

(n,p)
Radionuclide Production Cross Section



MAT 6207

62-Sm-138



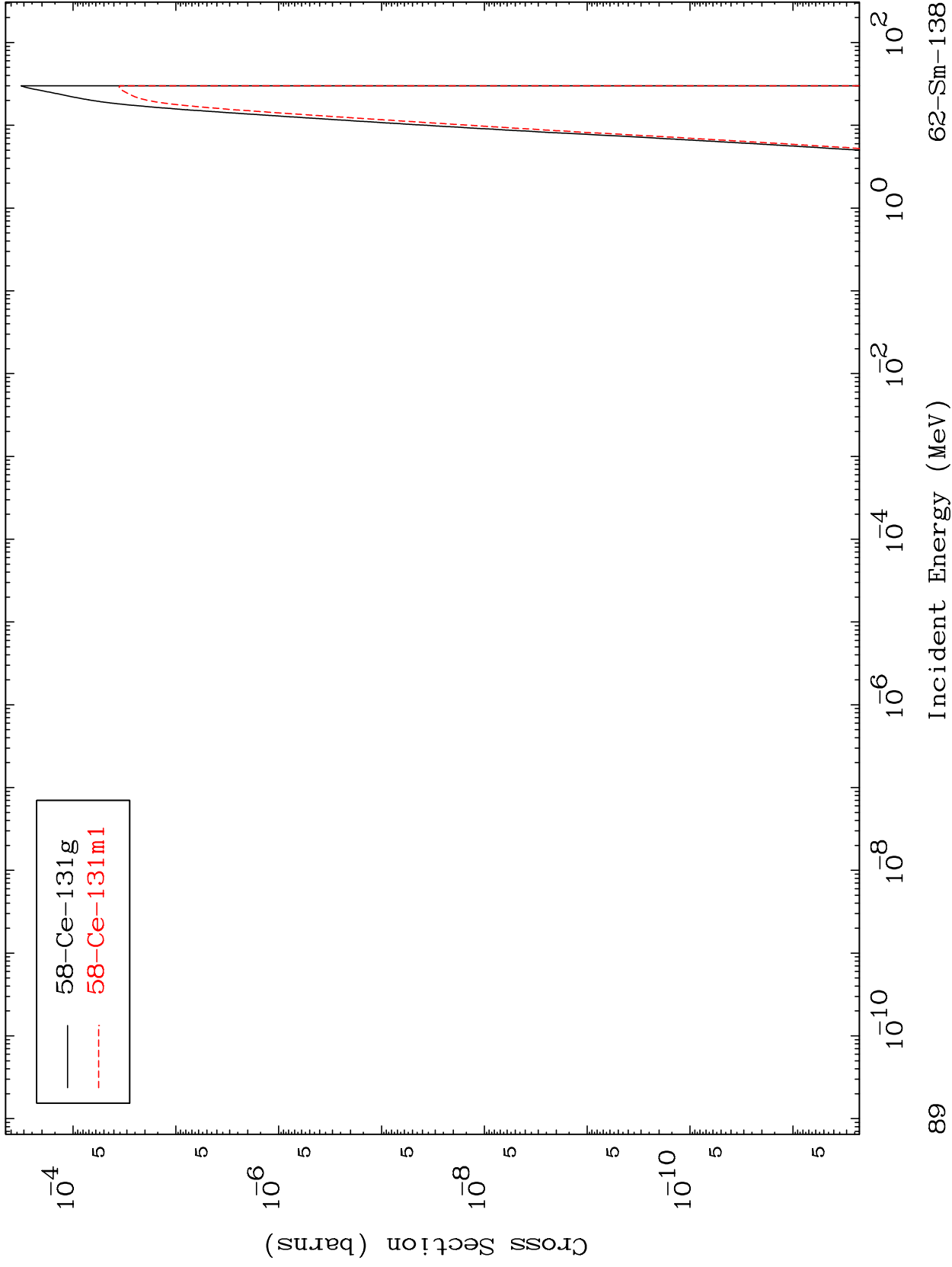
88

62-Sm-138

MAT 6207

62-Sm-138

(n,2α)
Radionuclide Production Cross Section

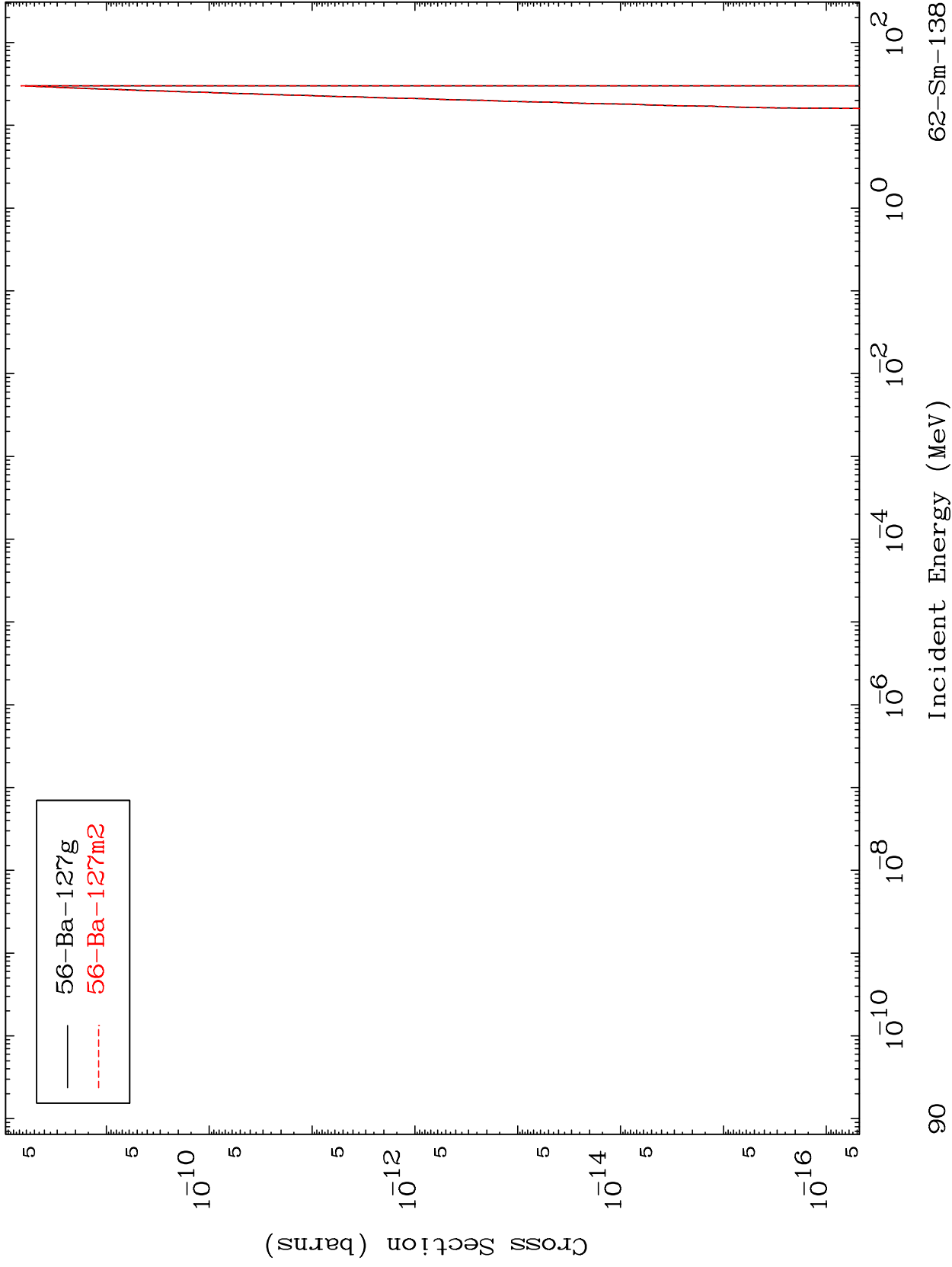


MAT 6207

(n, 3α)

62-Sm-138

Radionuclide Production Cross Section

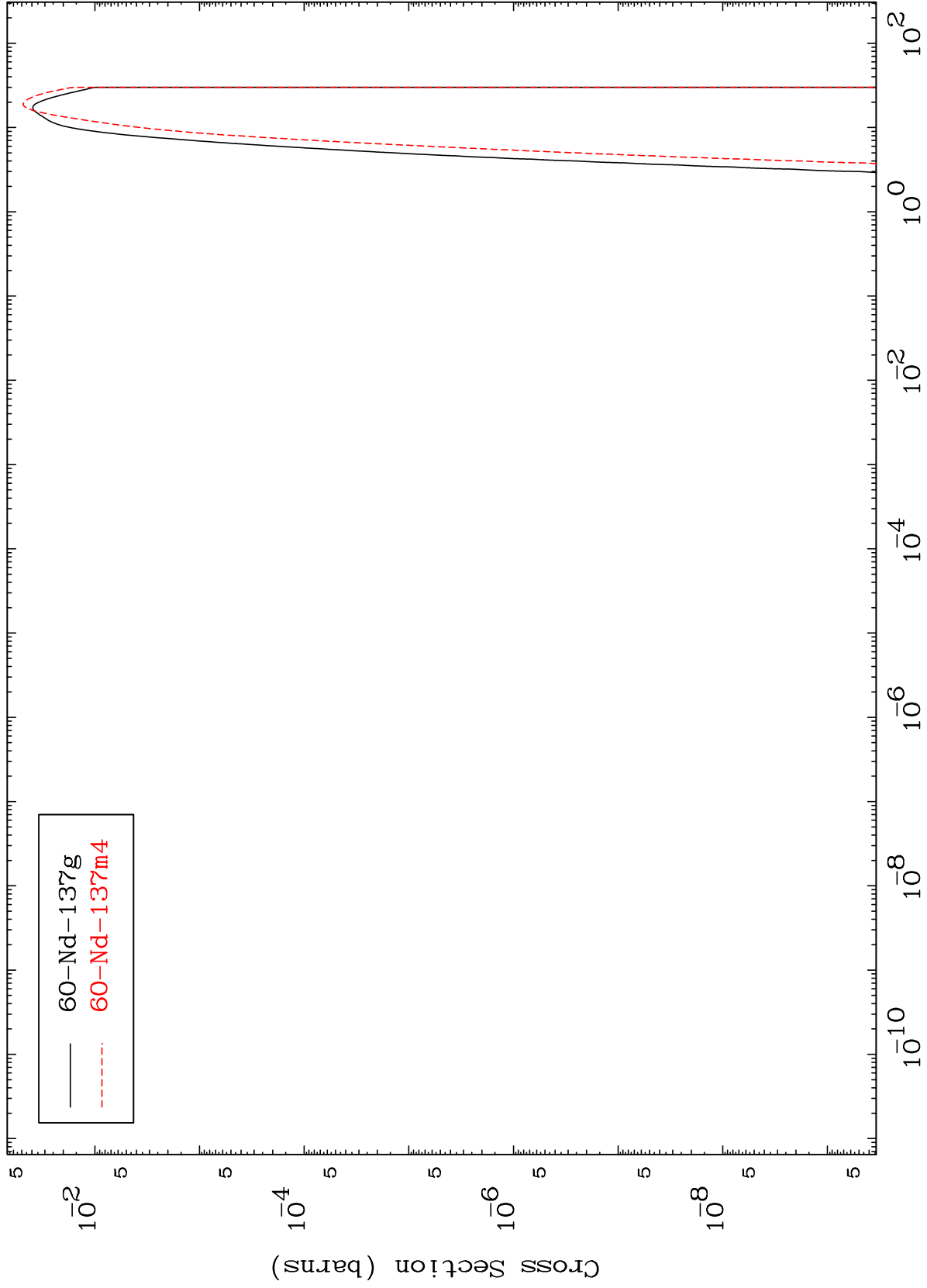


MAT 6207

(n,2p)

62-Sm-138

Radionuclide Production Cross Section

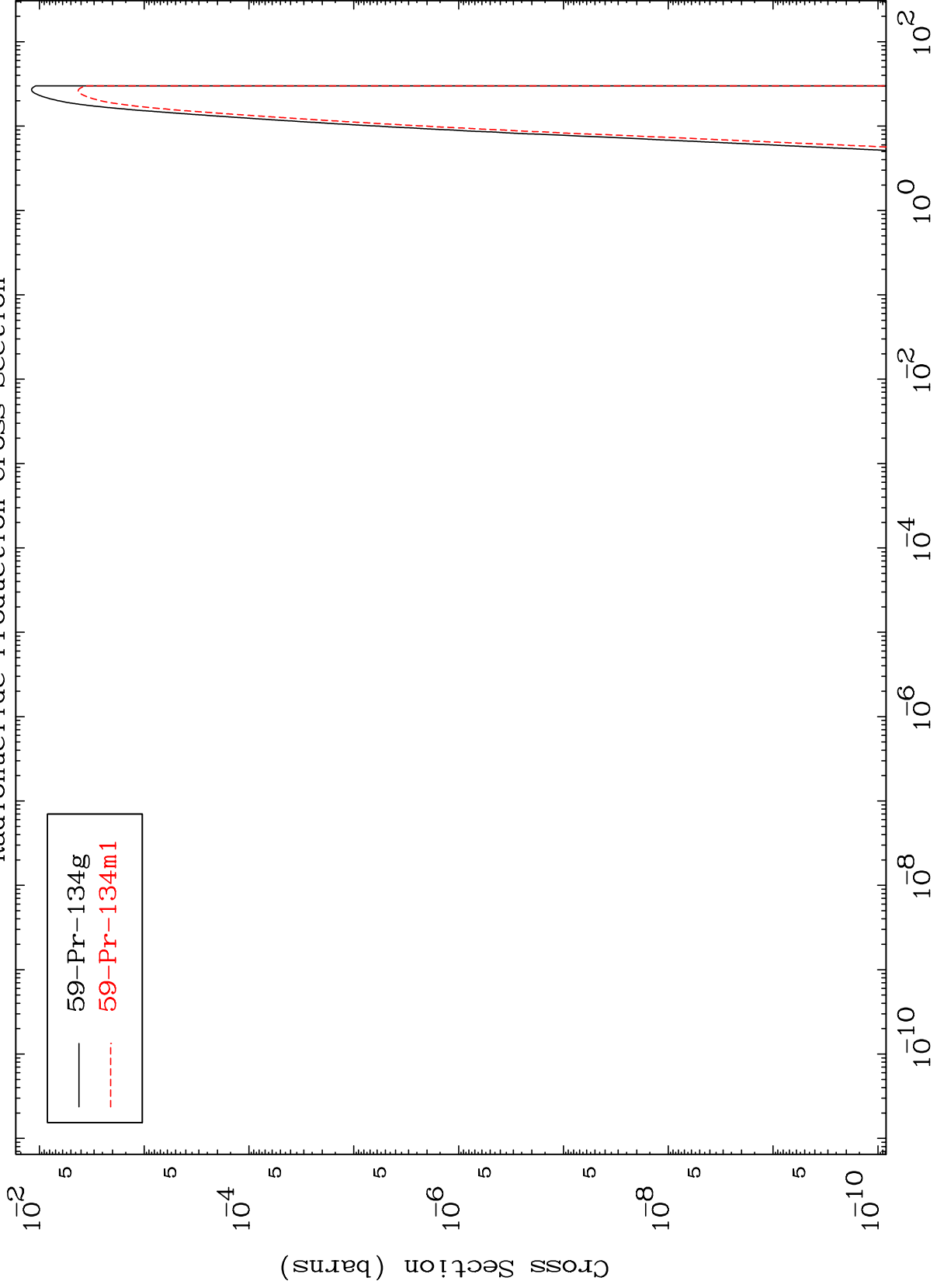


MAT 6207

(n,p) α

62-Sm-138

Radionuclide Production Cross Section



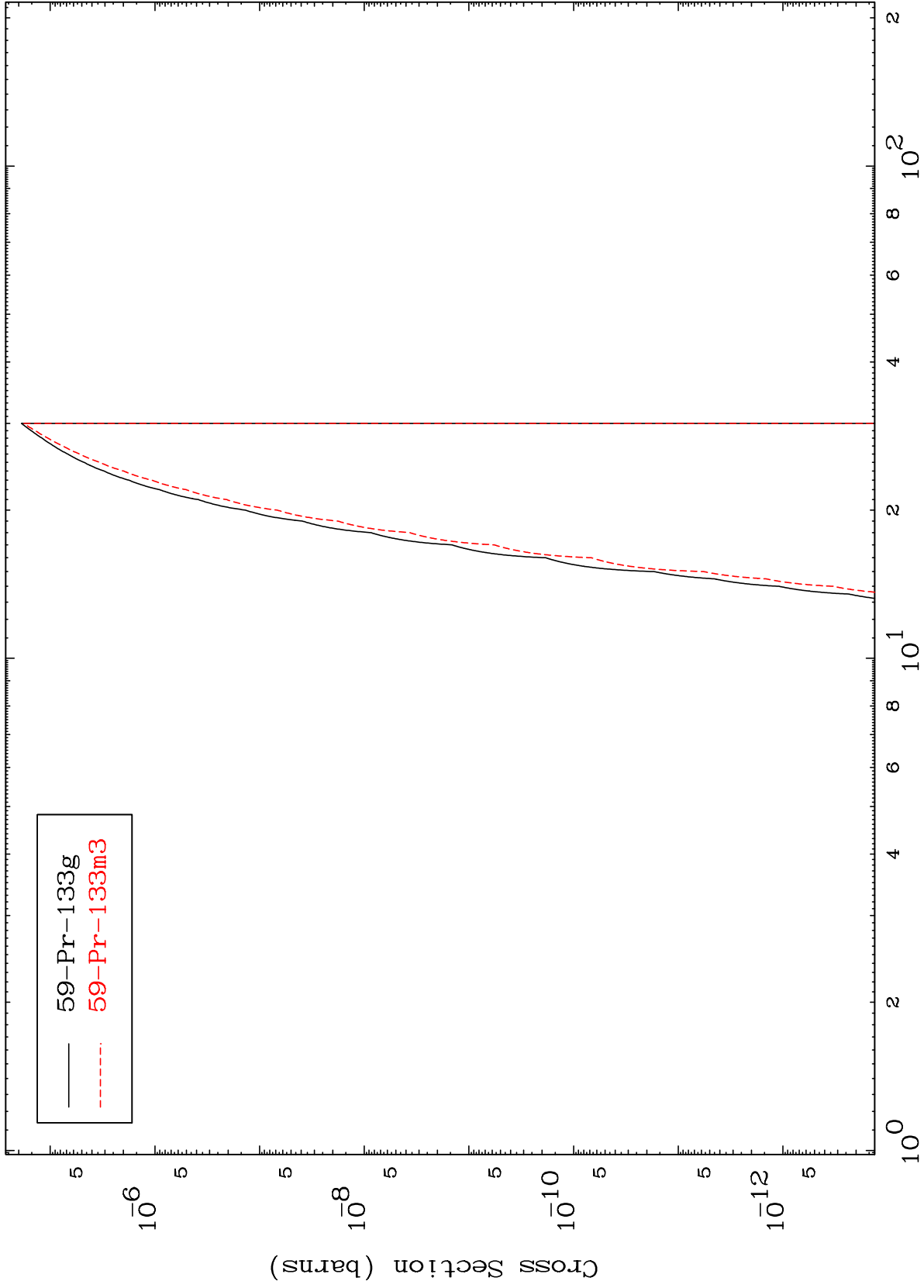
59-Pr-134g
59-Pr-134m1

MAT 6207

(n,d) α

62-Sm-138

Radionuclide Production Cross Section



93

Incident Energy (MeV)

62-Sm-138