

Program EVALPLOT
(Version 2018-1)

by

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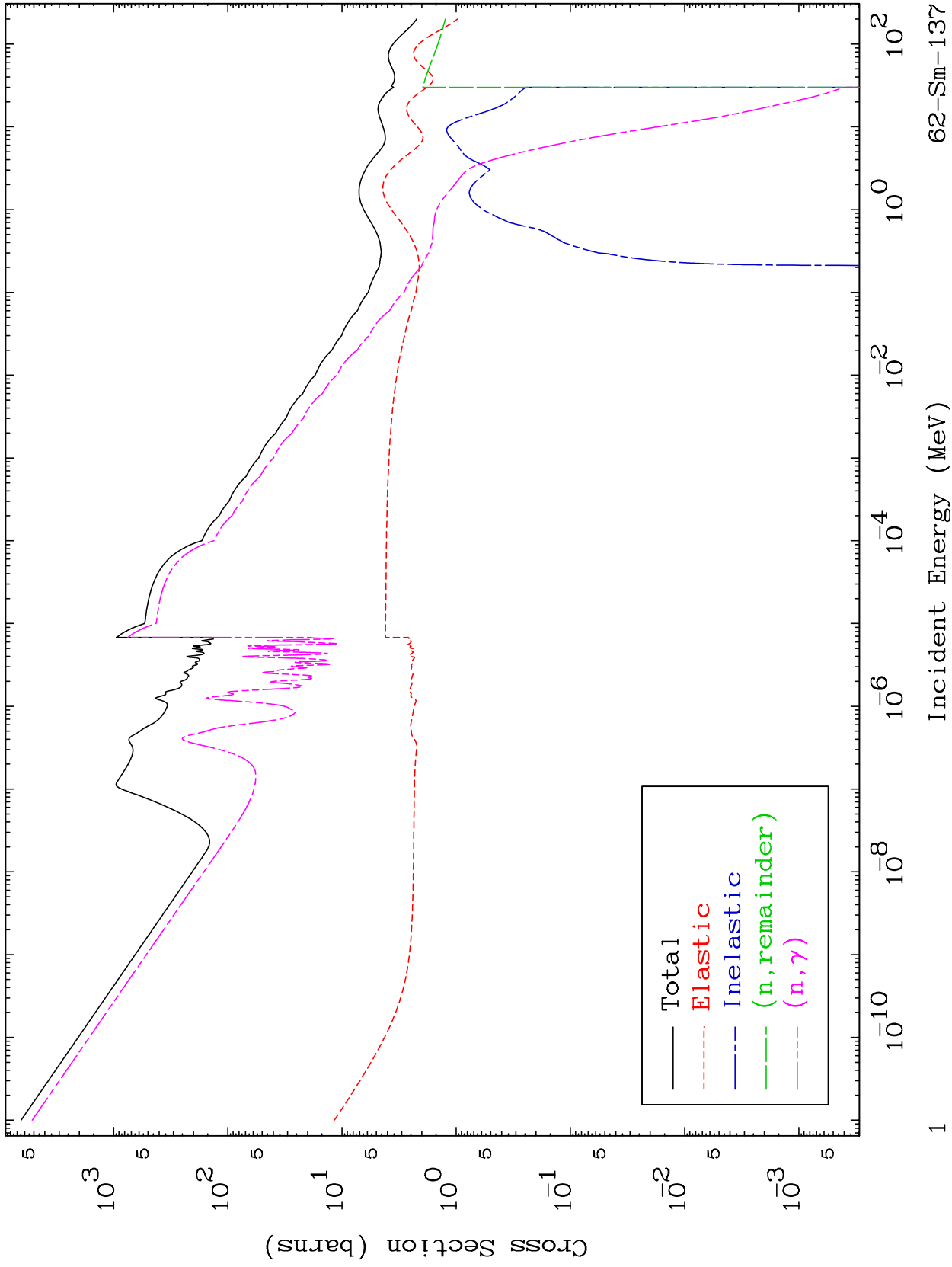
Press Mouse Button to Start

MAT 6204

Major

293 Kelvin Cross Sections

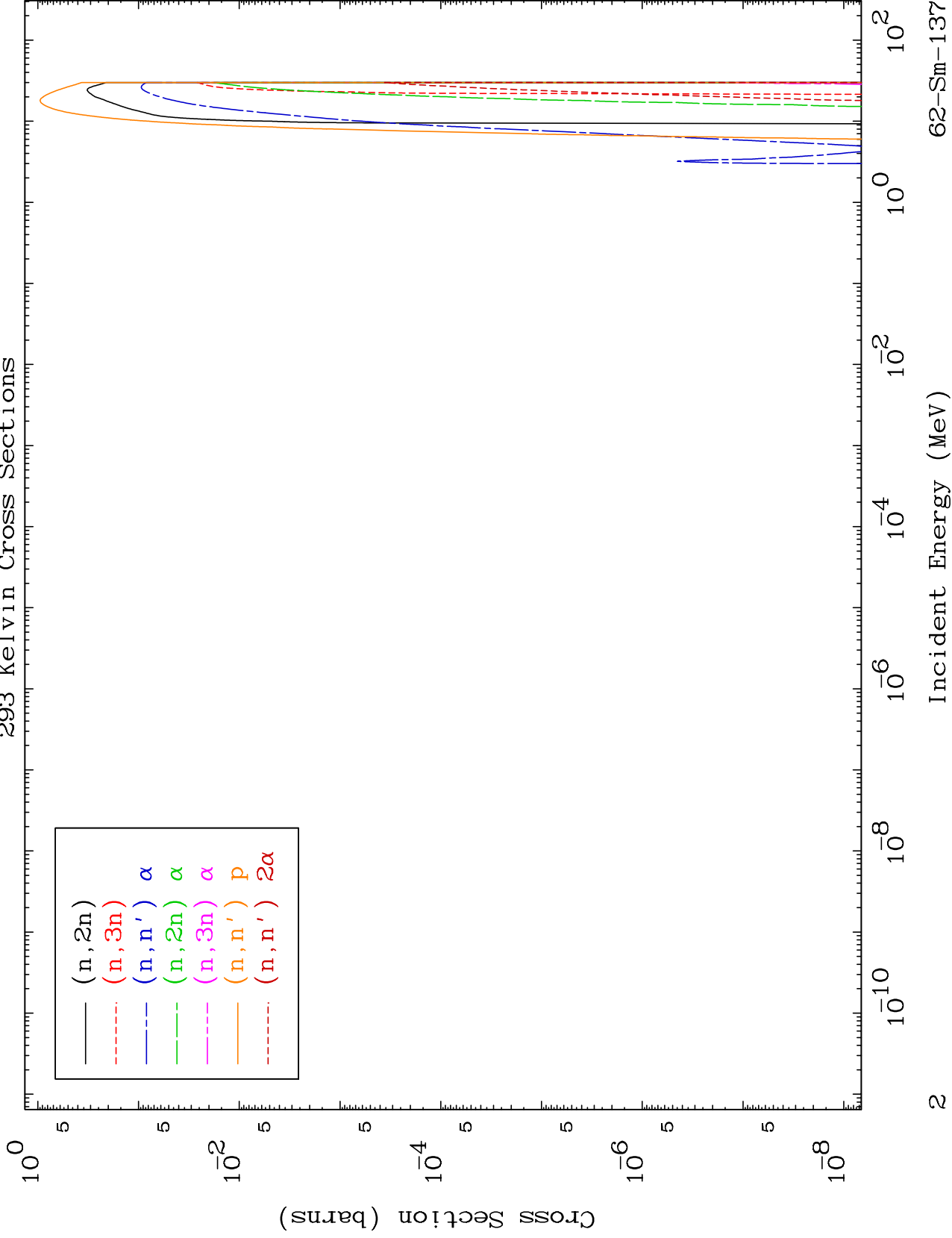
62-Sm-137

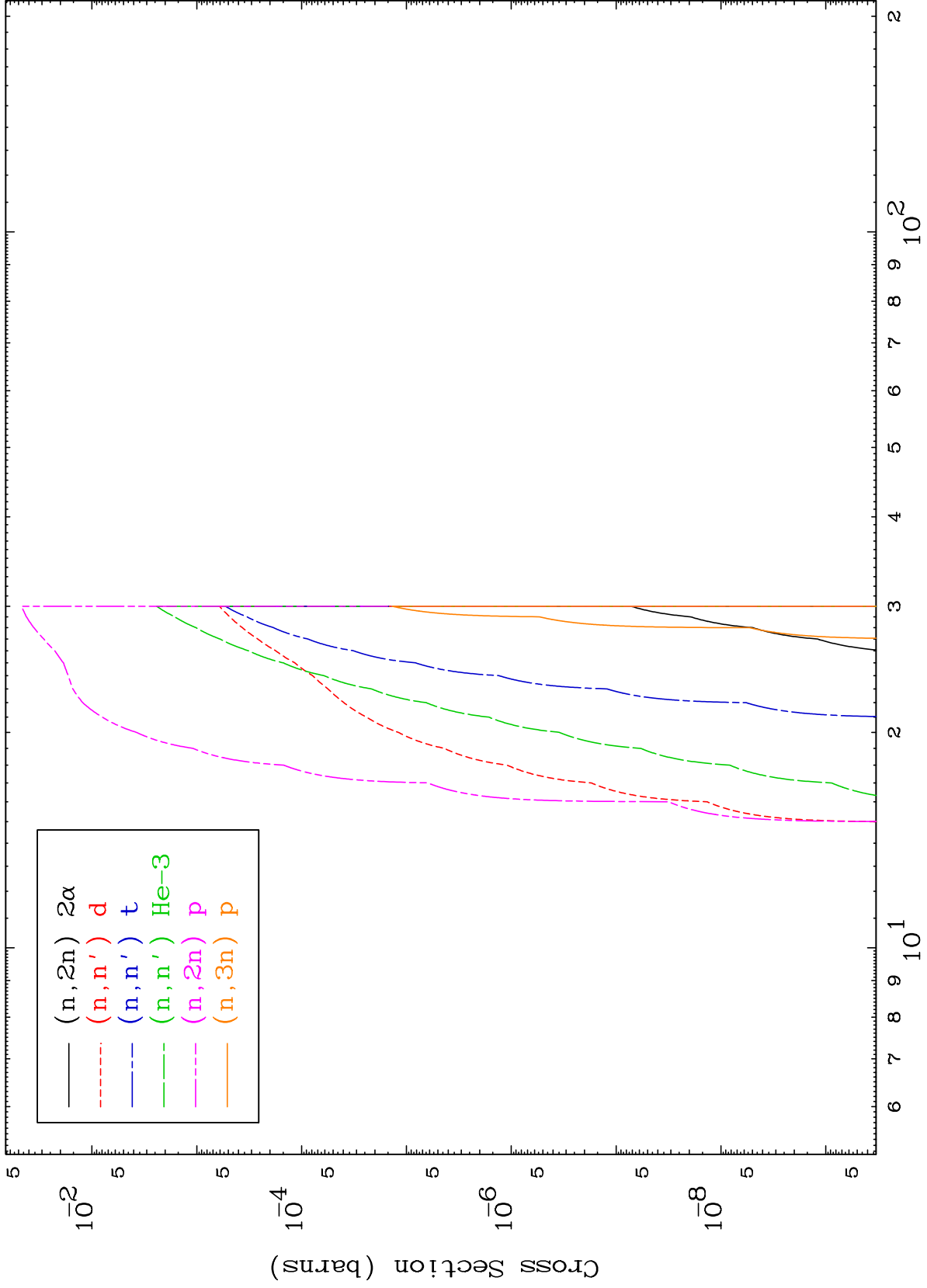


MAT 6204

Neutron Production
293 Kelvin Cross Sections

62-Sm-137

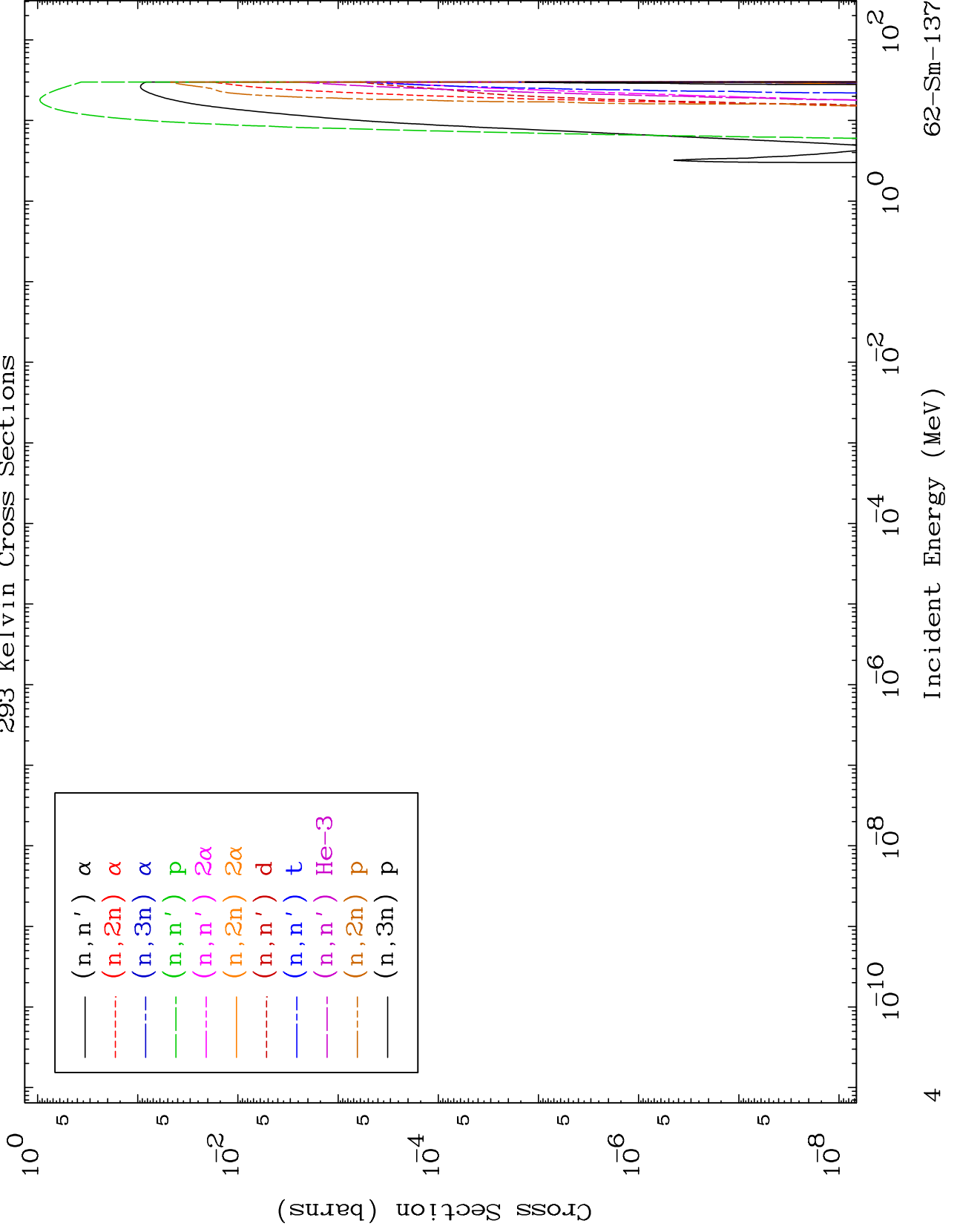




MAT 6204

Charged Particle
293 Kelvin Cross Sections

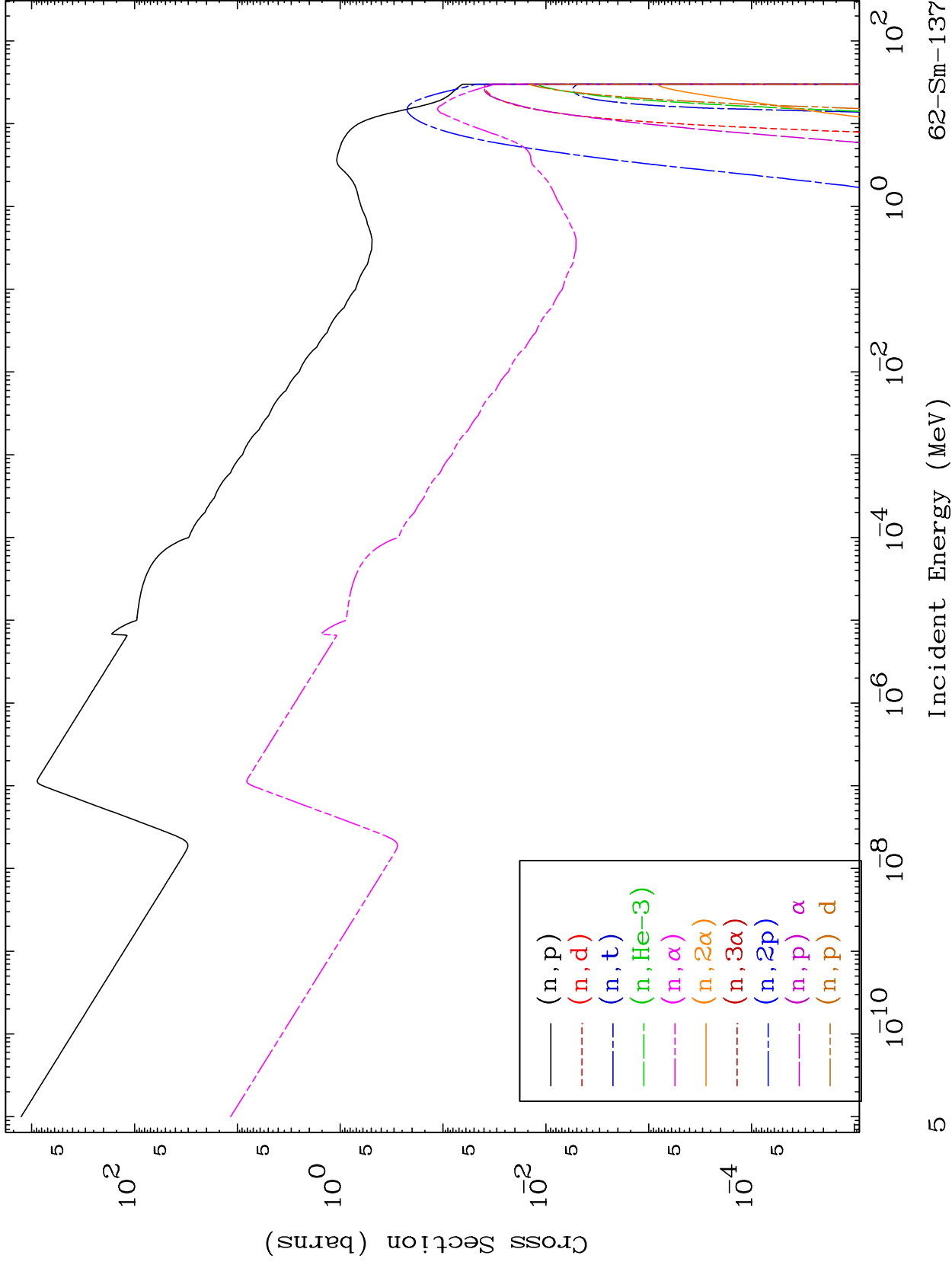
62-Sm-137



MAT 6204

Charged Particle
293 Kelvin Cross Sections

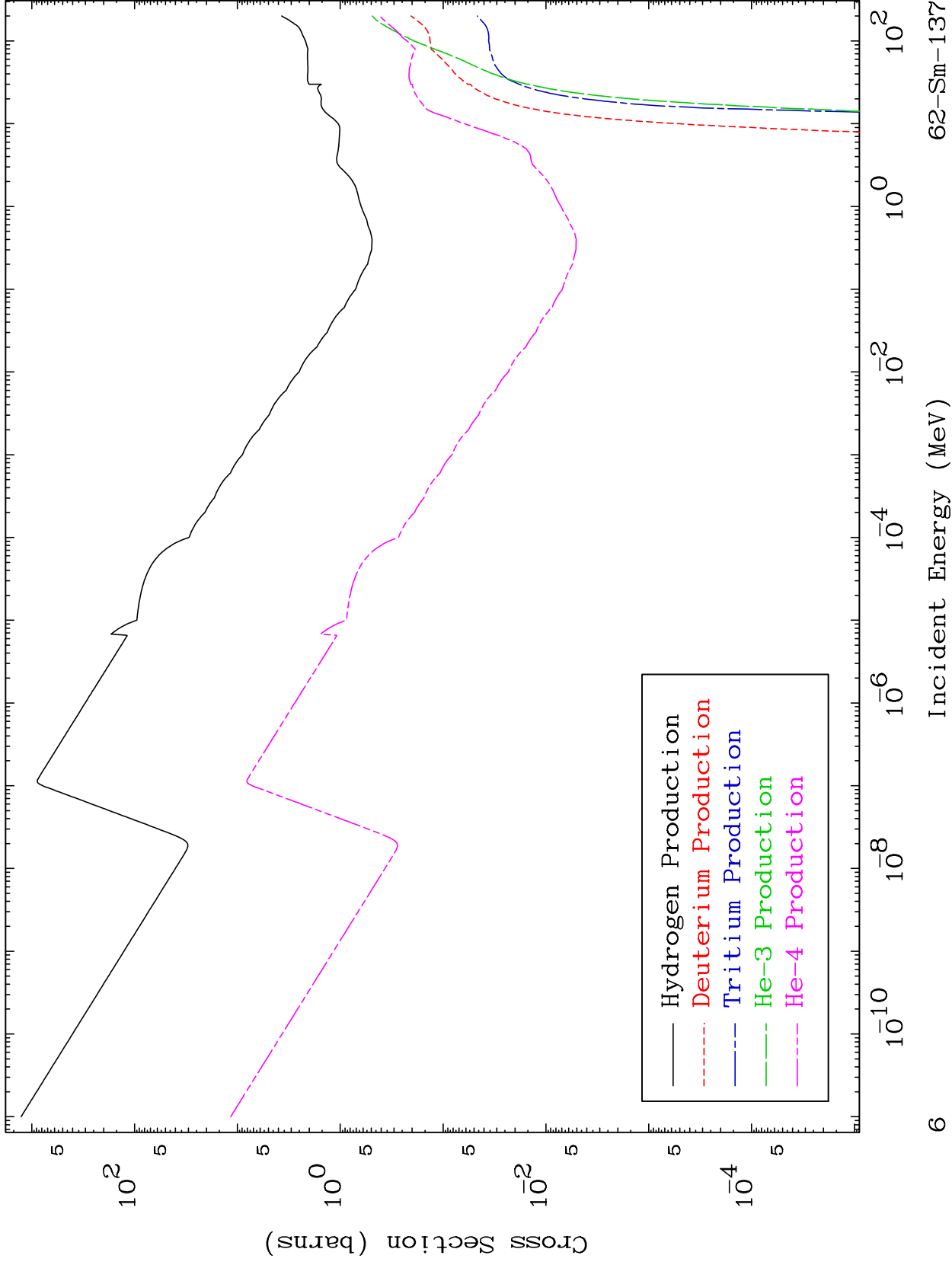
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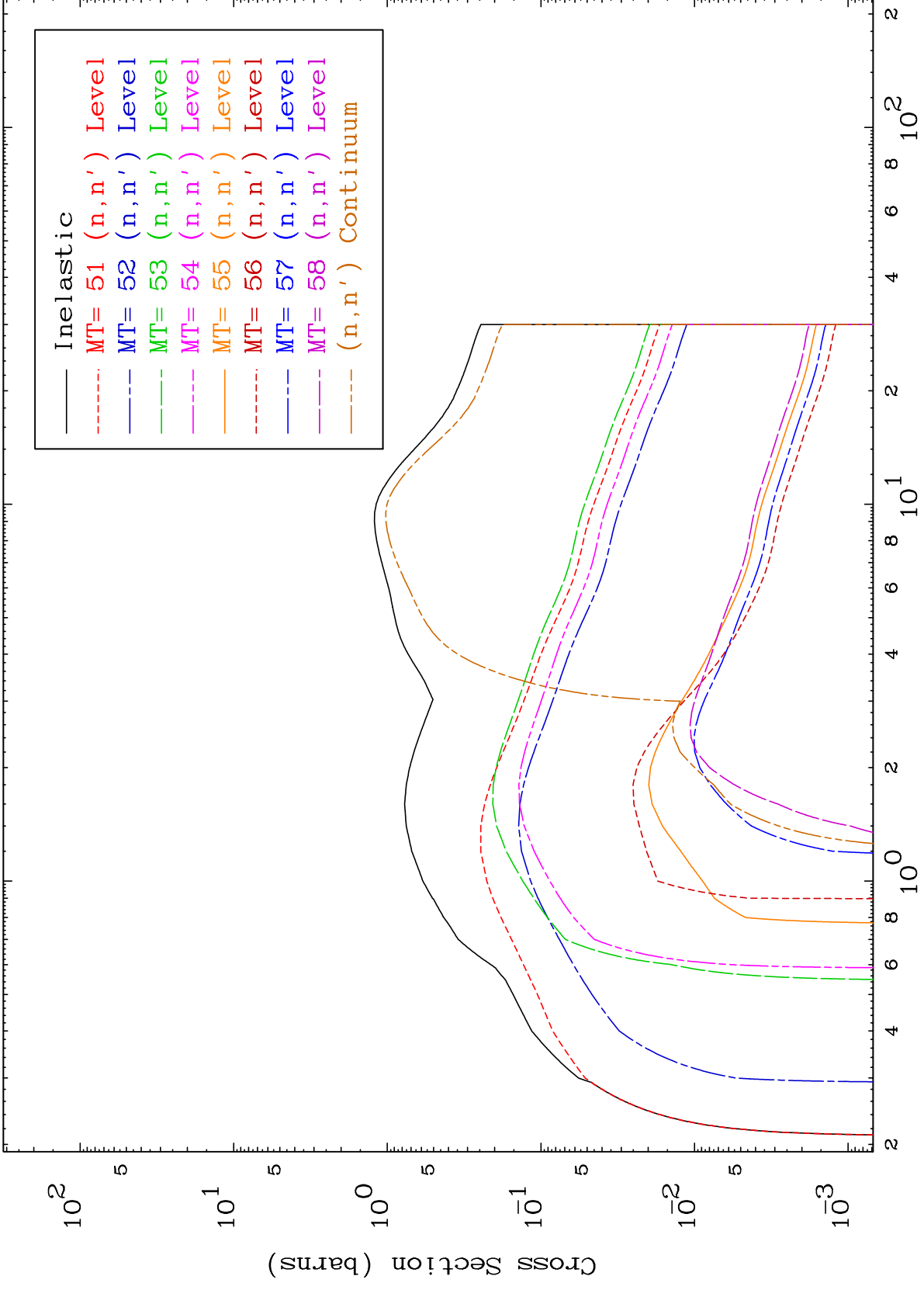
MAT 6204

Particle Production
293 Kelvin Cross Sections

62-Sm-137



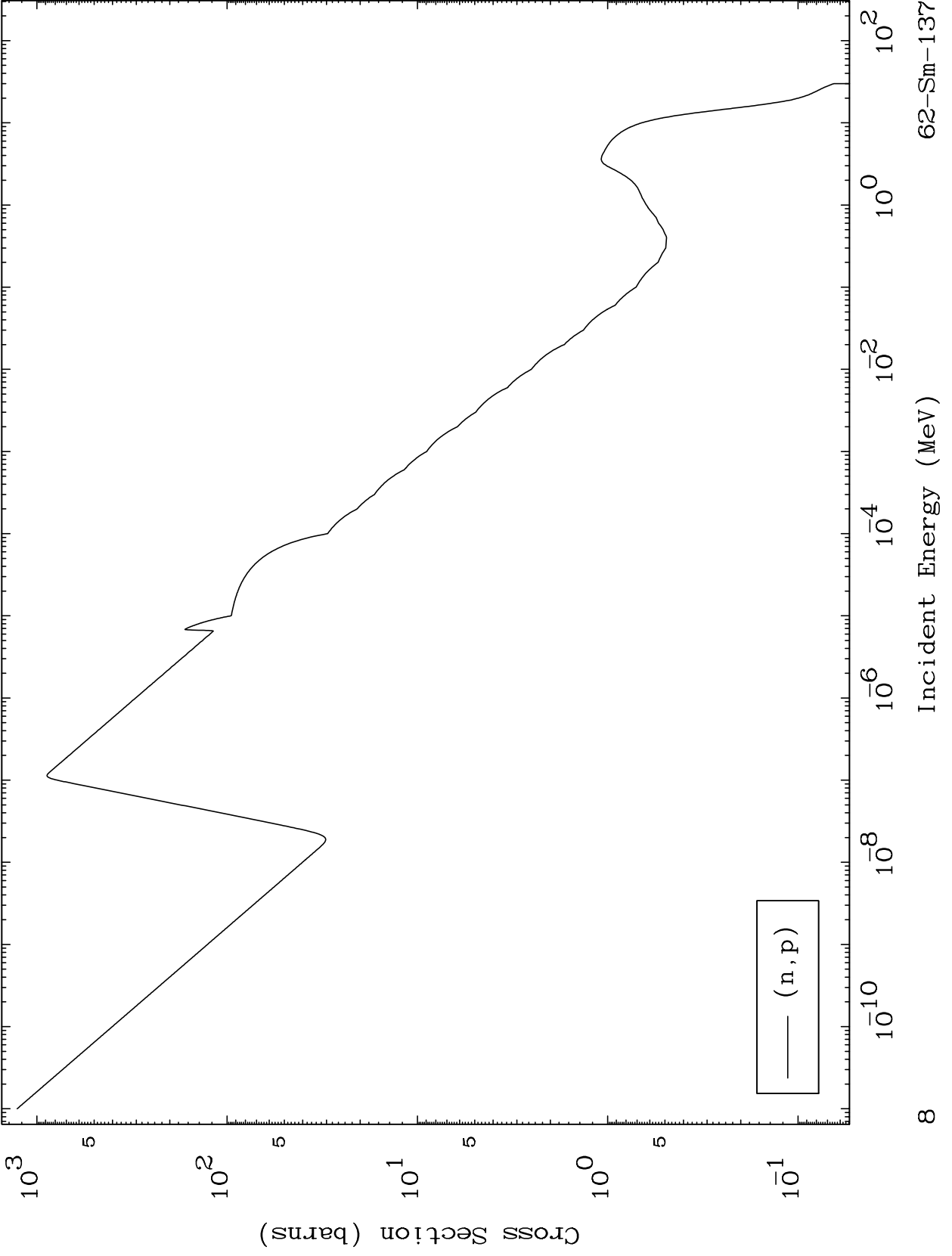
293 Kelvin Cross Sections



MAT 6204

(n,p) Levels
293 Kelvin Cross Sections

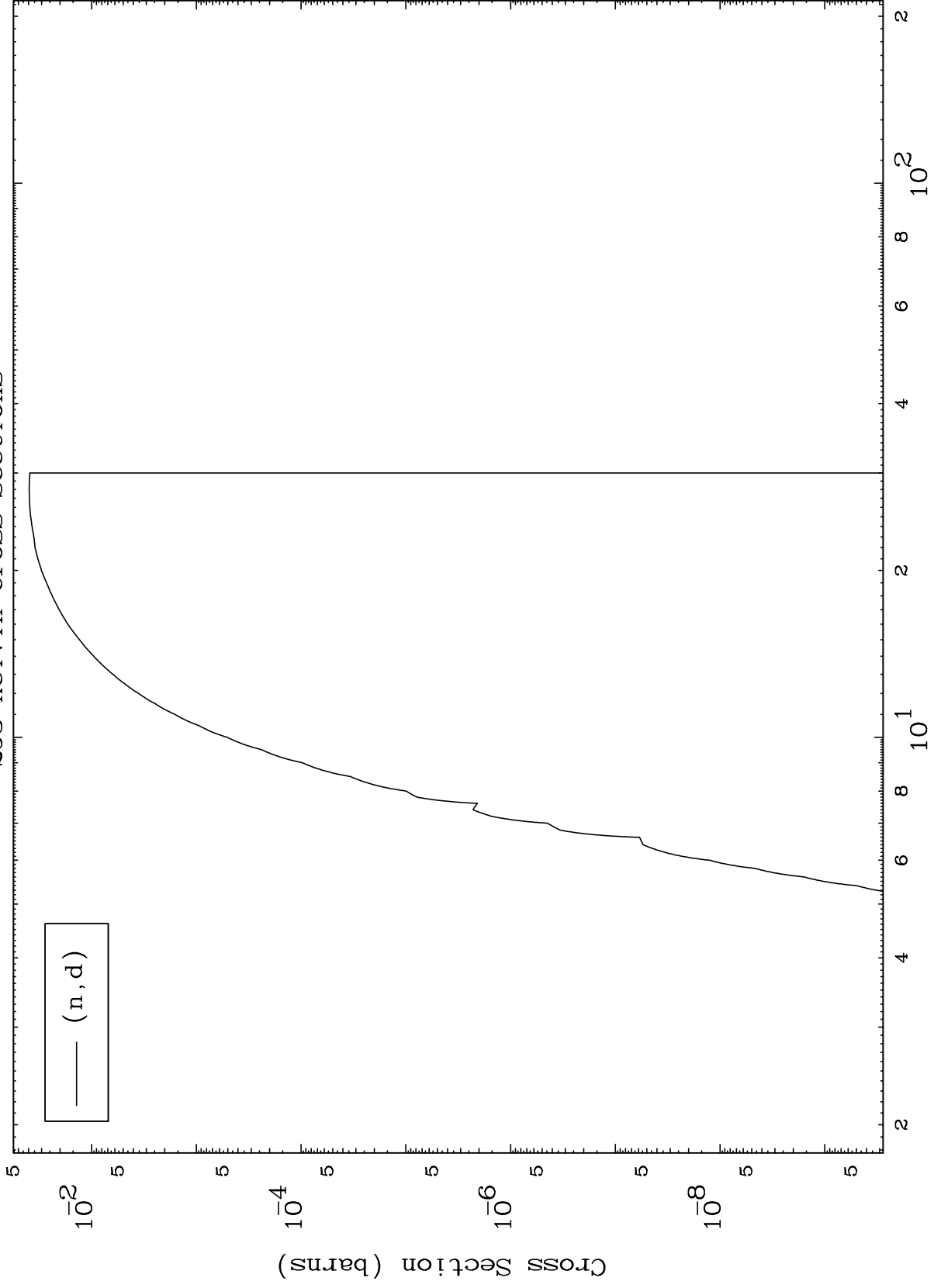
62-Sm-137



MAT 6204

(n,d) Levels
293 Kelvin Cross Sections

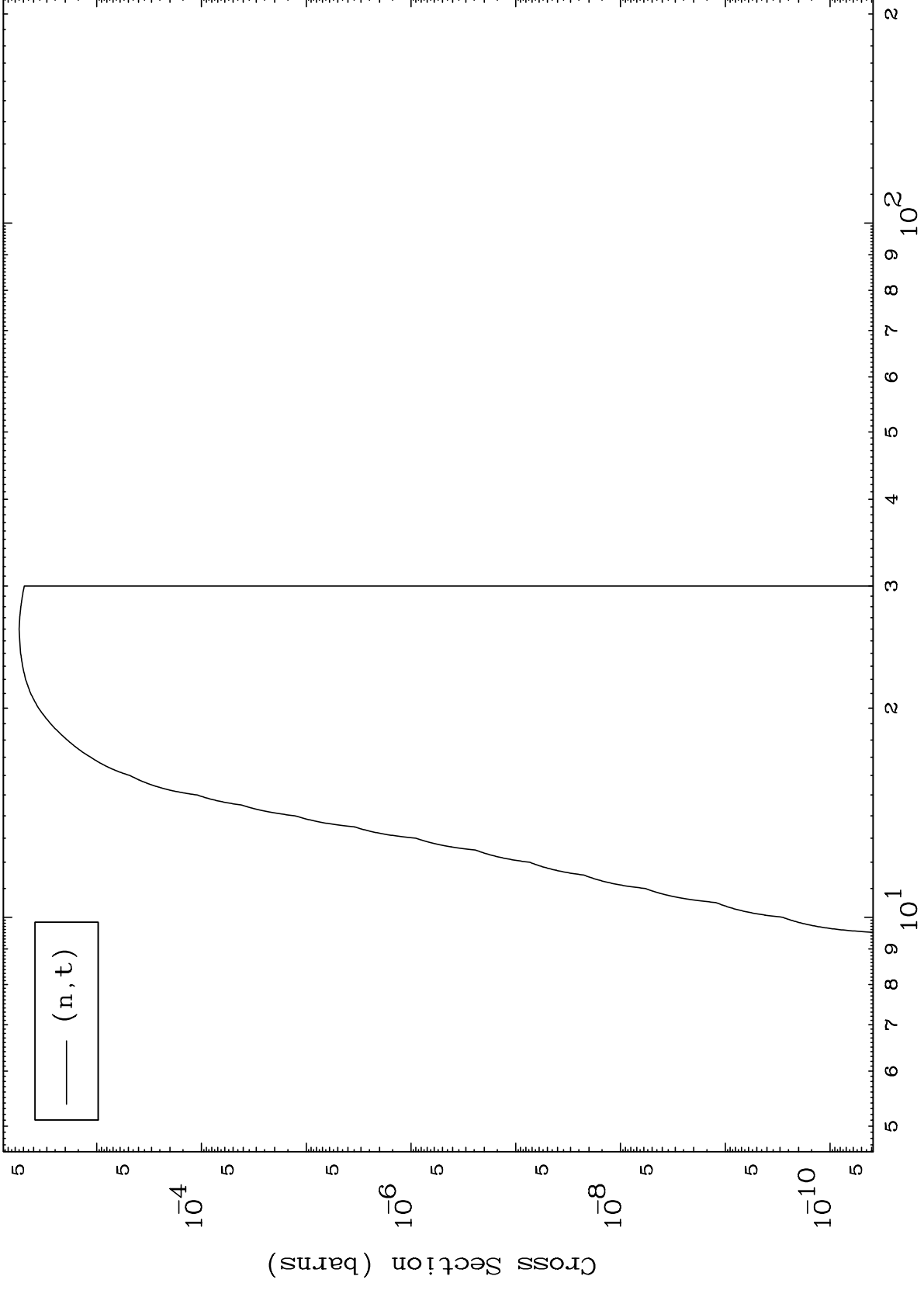
62-Sm-137



MAT 6204

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-137



10

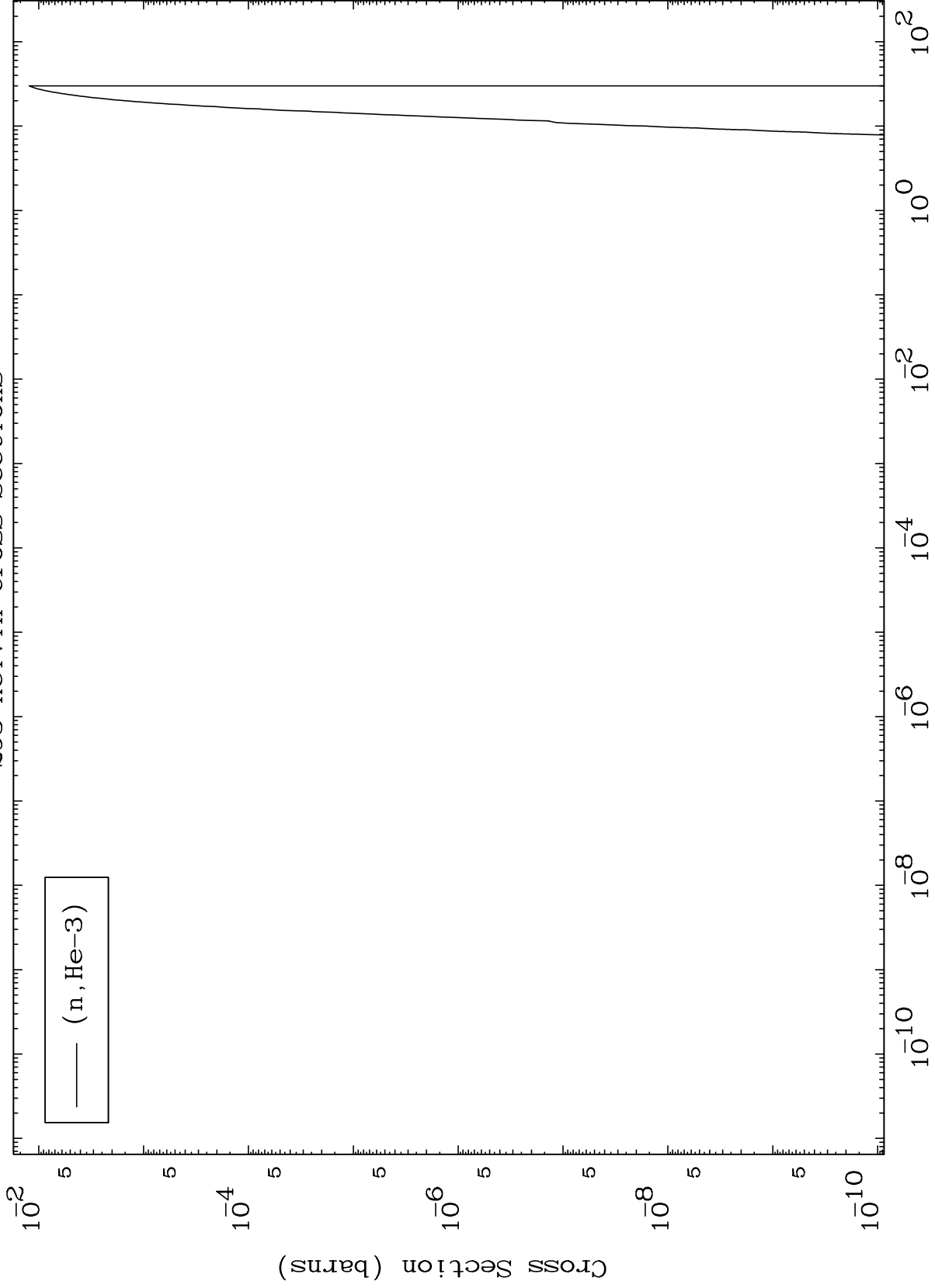
Incident Energy (MeV)

62-Sm-137

MAT 6204

(n,He3) Levels
293 Kelvin Cross Sections

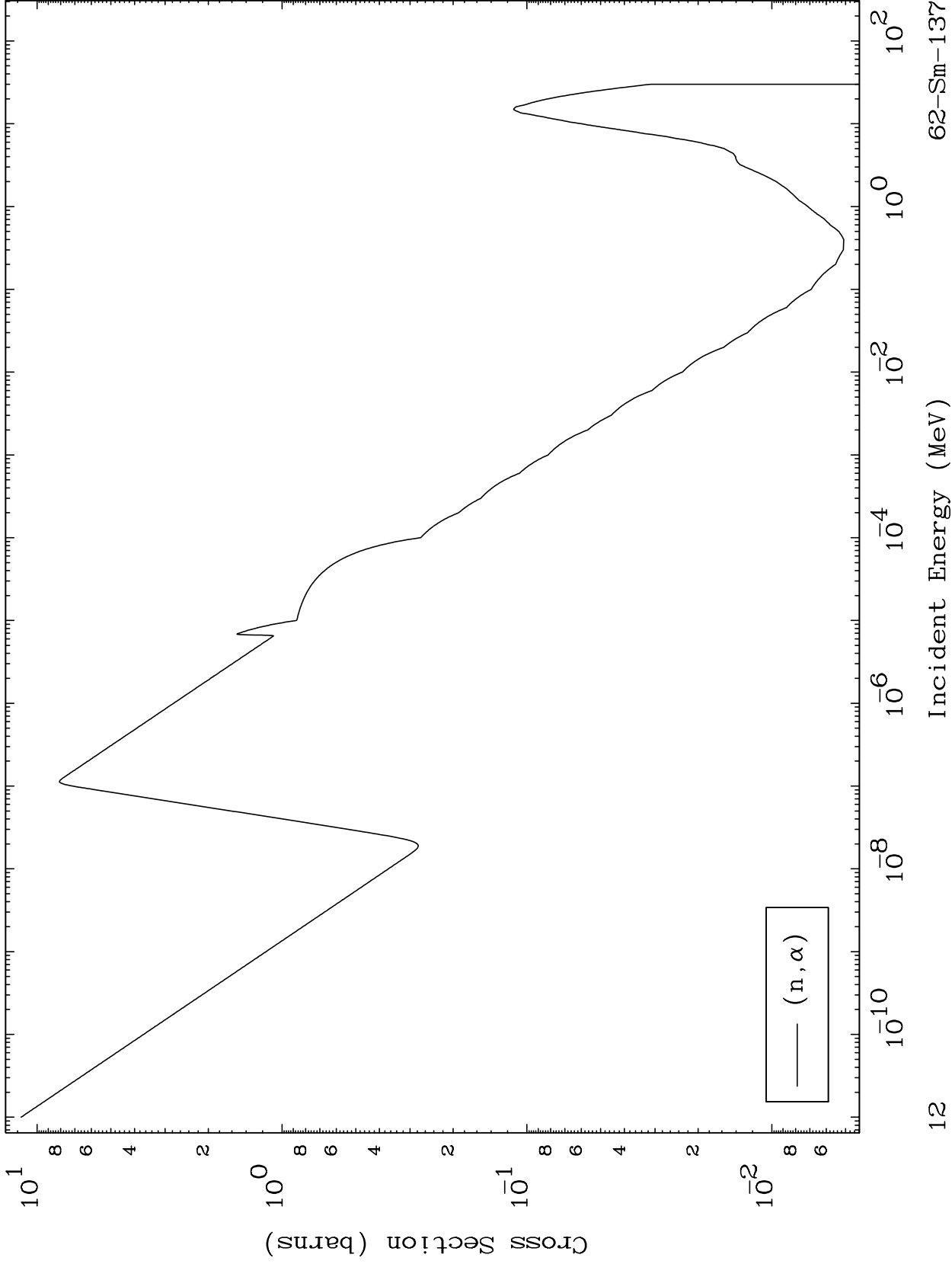
62-Sm-137

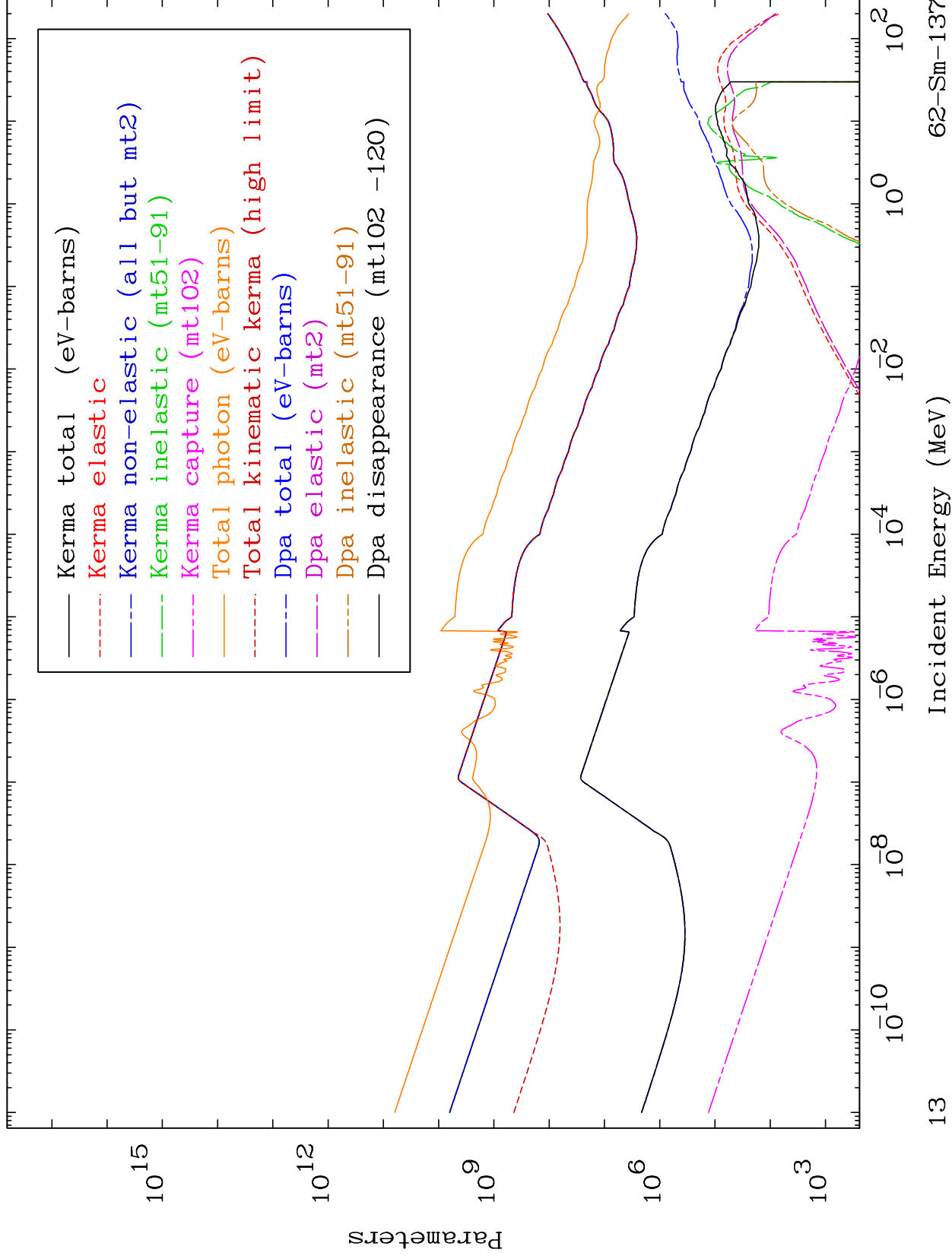


MAT 6204

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-137

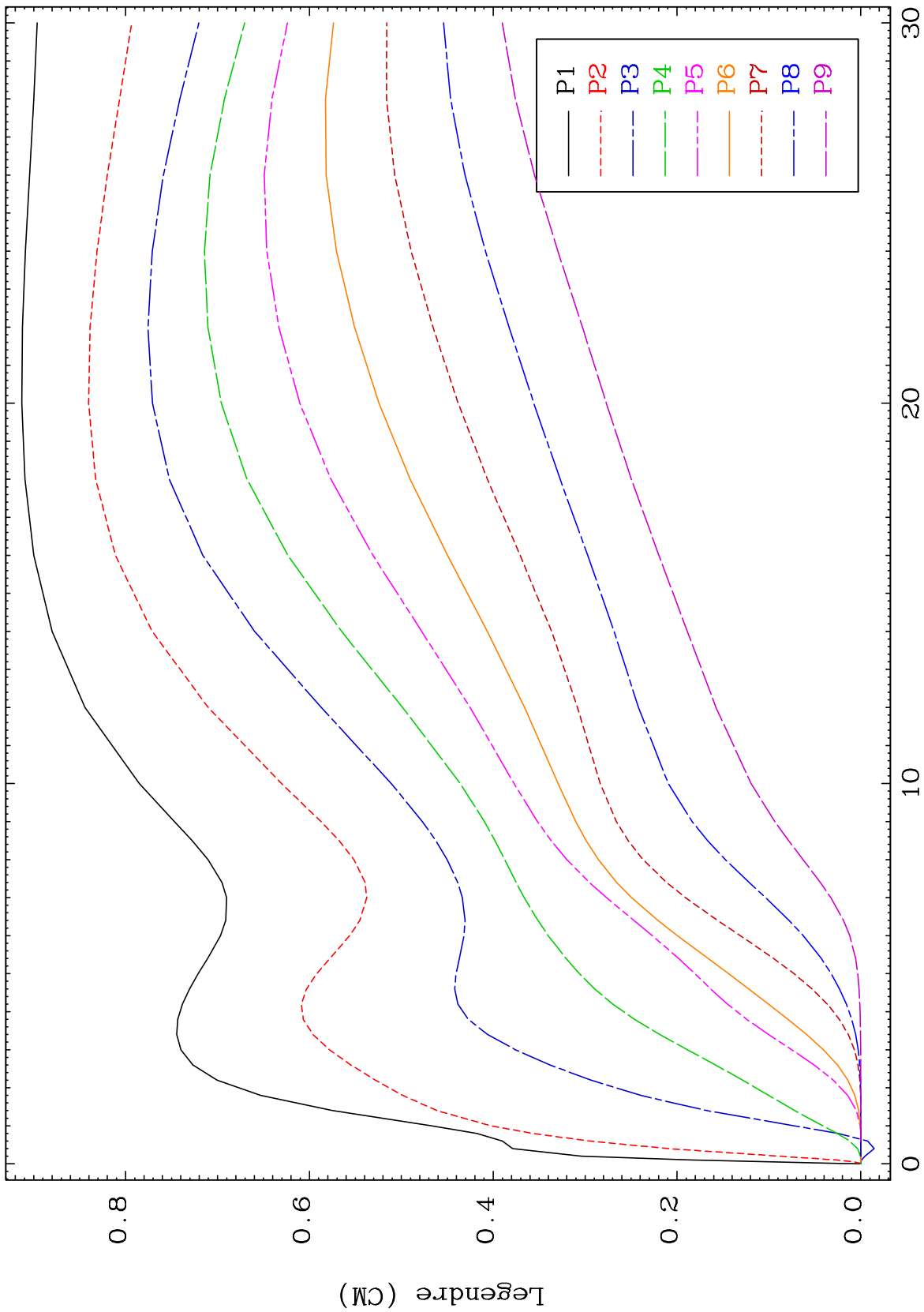




MAT 6204

Elastic Legendre Coefficients

62-Sm-137



14

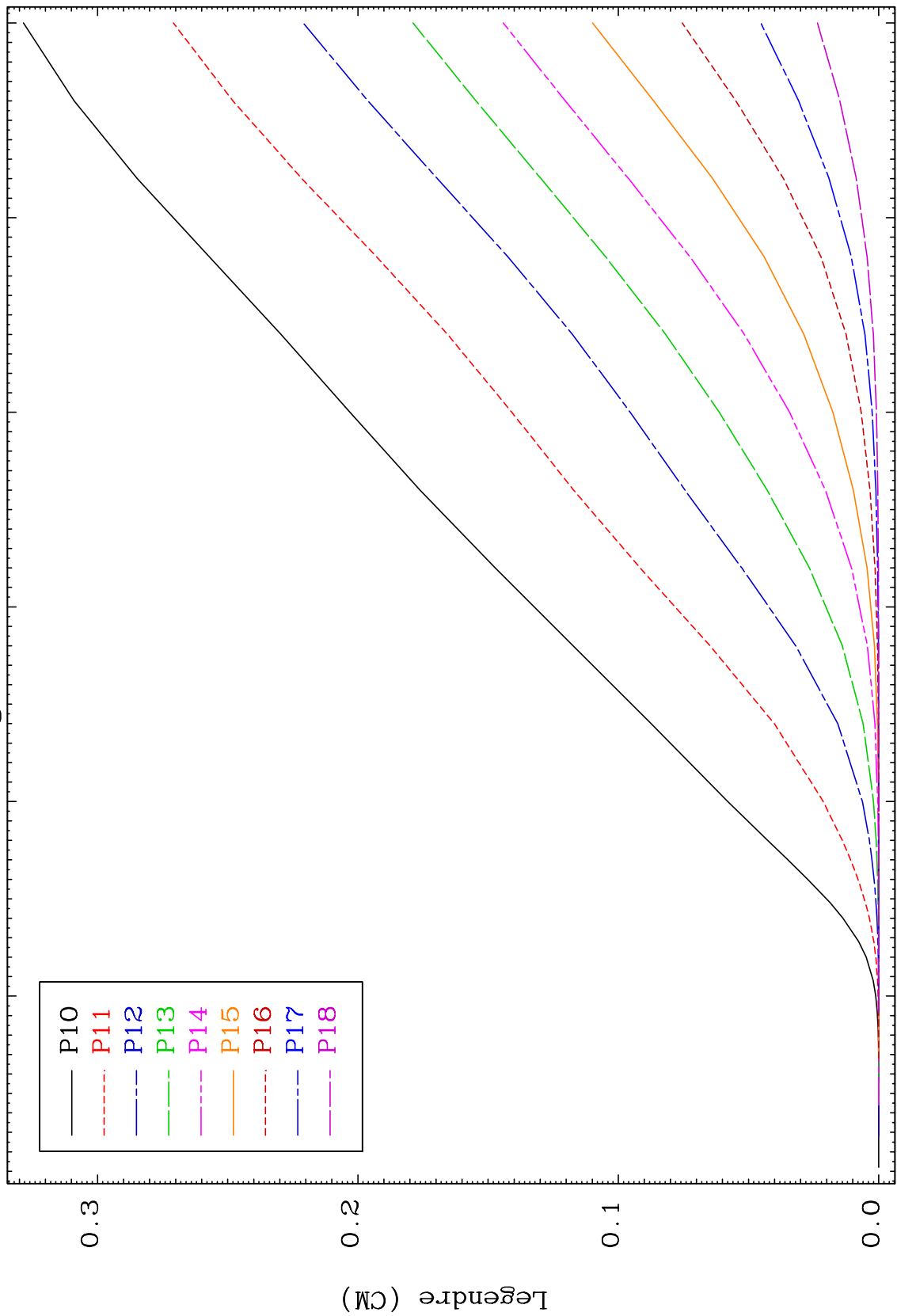
Incident Energy (MeV)

62-Sm-137

MAT 6204

Elastic Legendre Coefficients

62-Sm-137



15

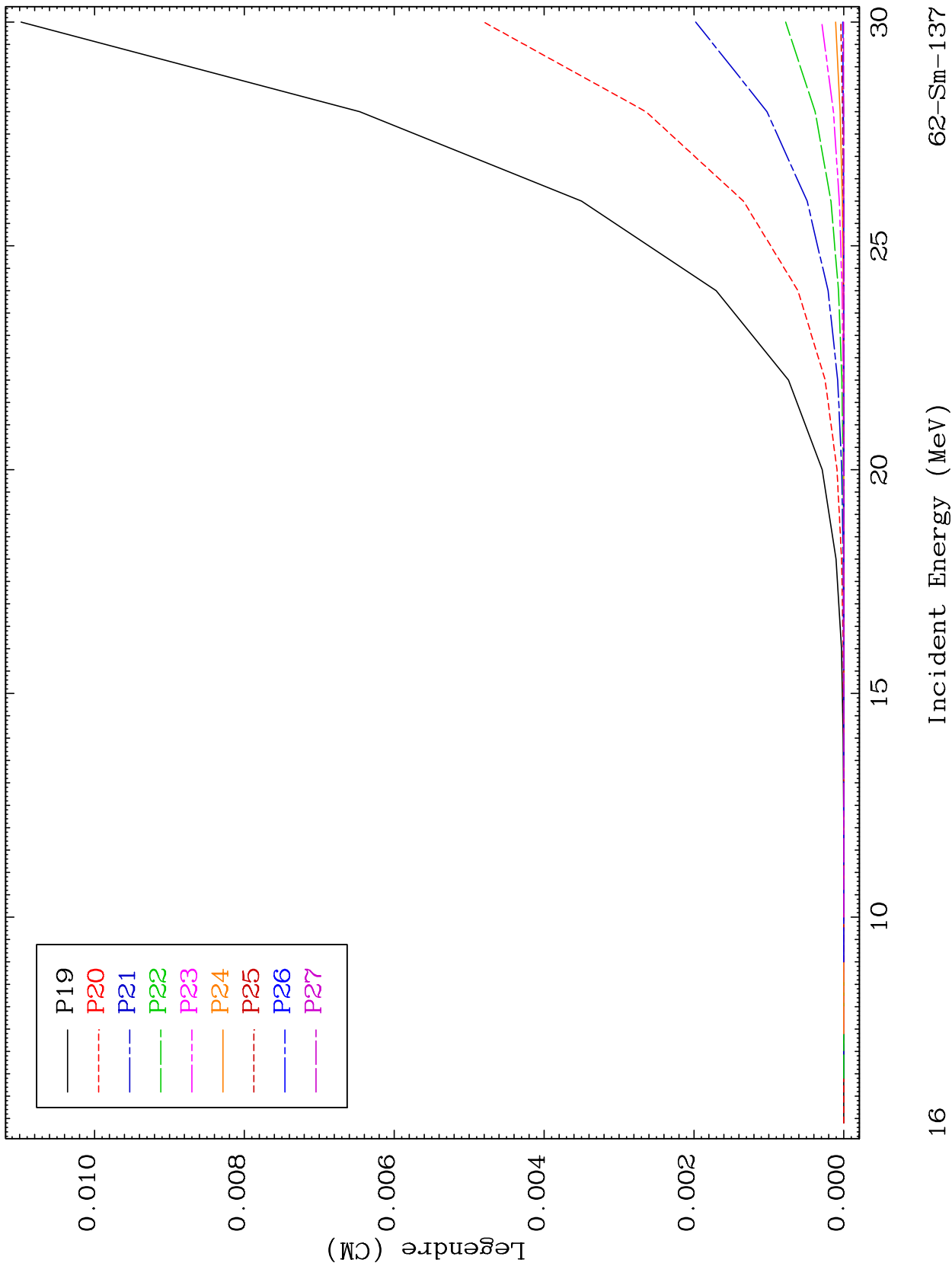
Incident Energy (MeV)

62-Sm-137

MAT 6204

Elastic Legendre Coefficients

⁶²Sm-137



16

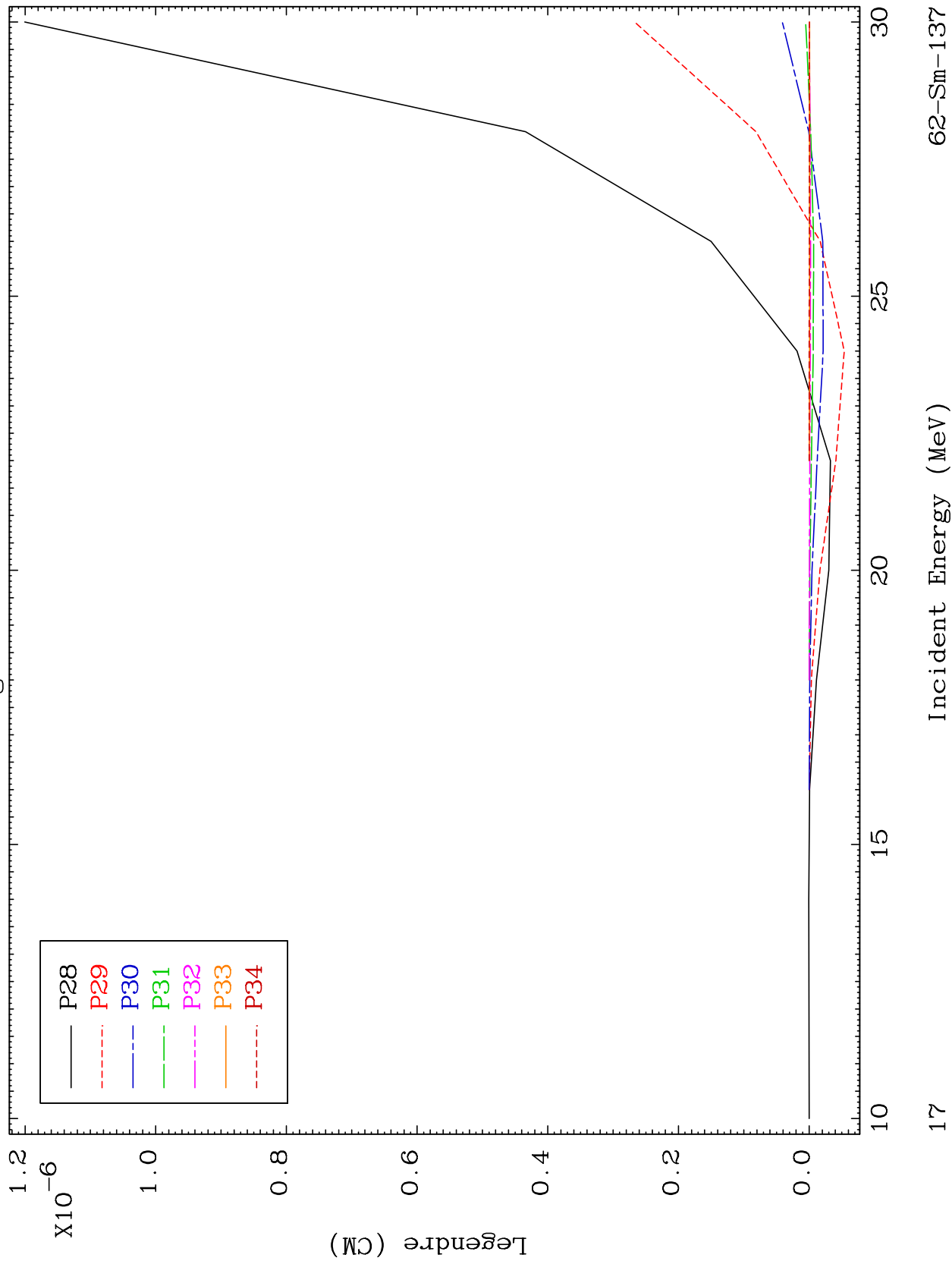
Incident Energy (MeV)

⁶²Sm-137

MAT 6204

Elastic
Legendre Coefficients

62-Sm-137



17

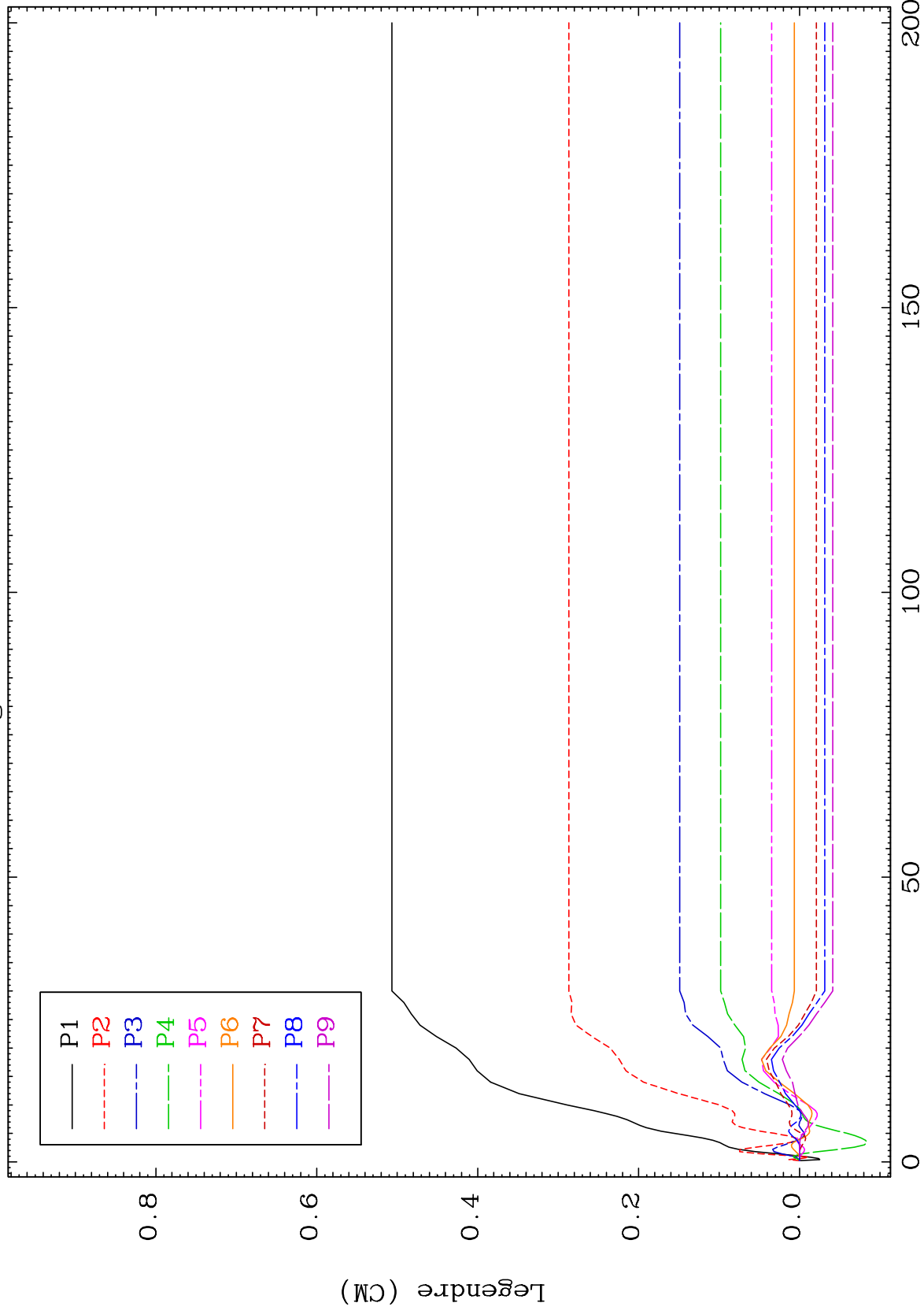
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137



62-Sm-137

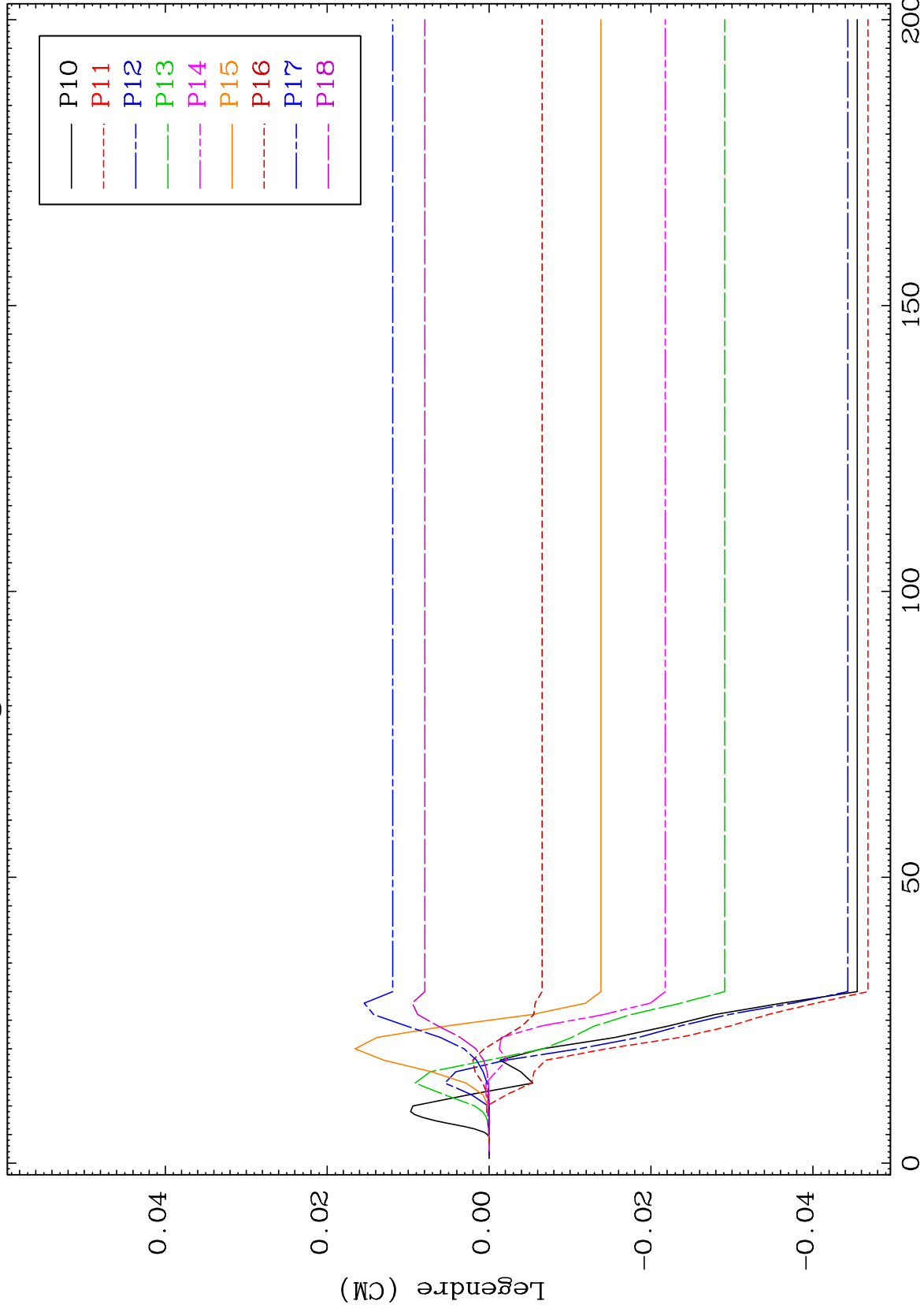
Incident Energy (MeV)

18

MAT 6204

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

62-Sm-137



19

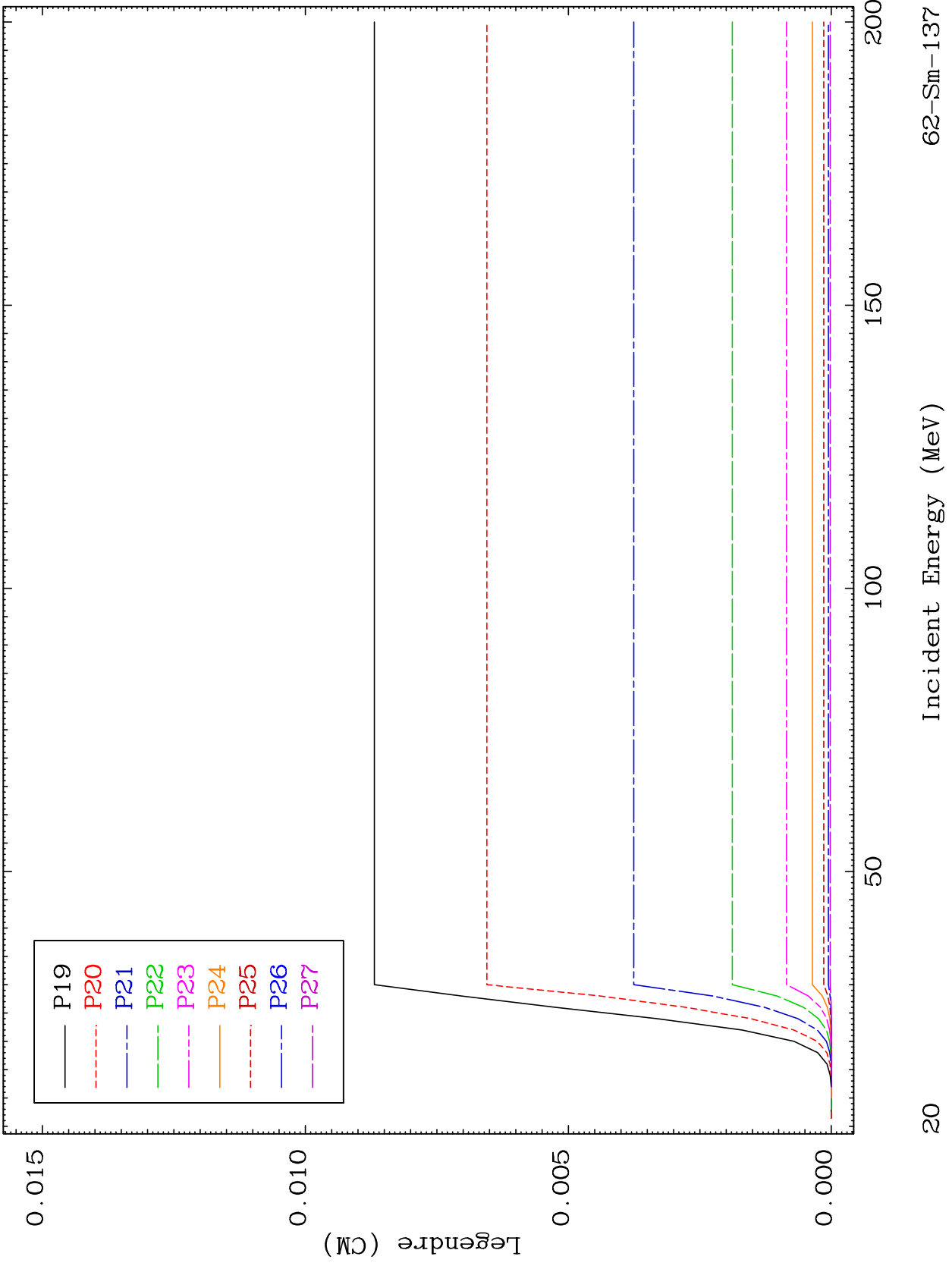
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137



20

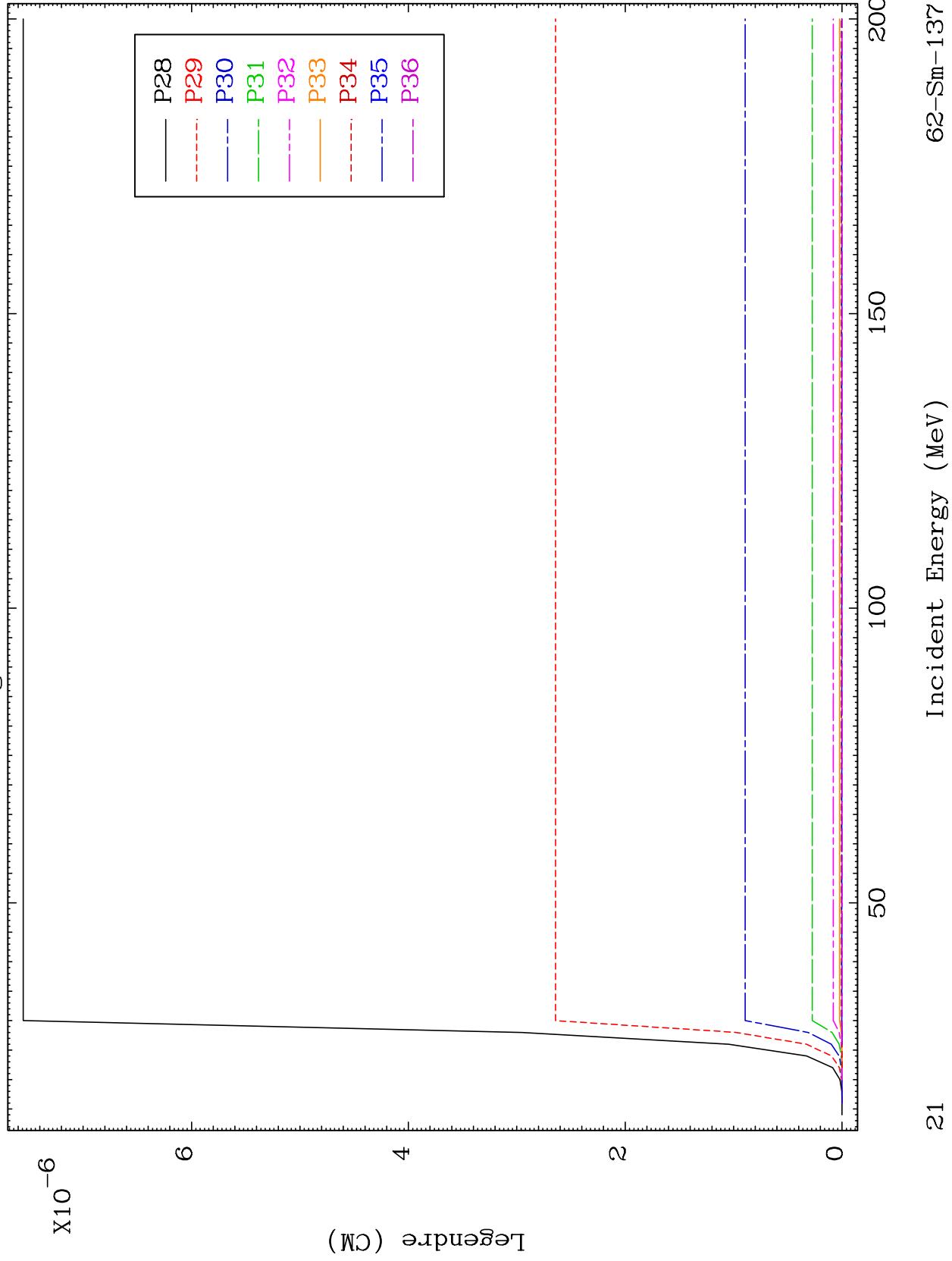
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137

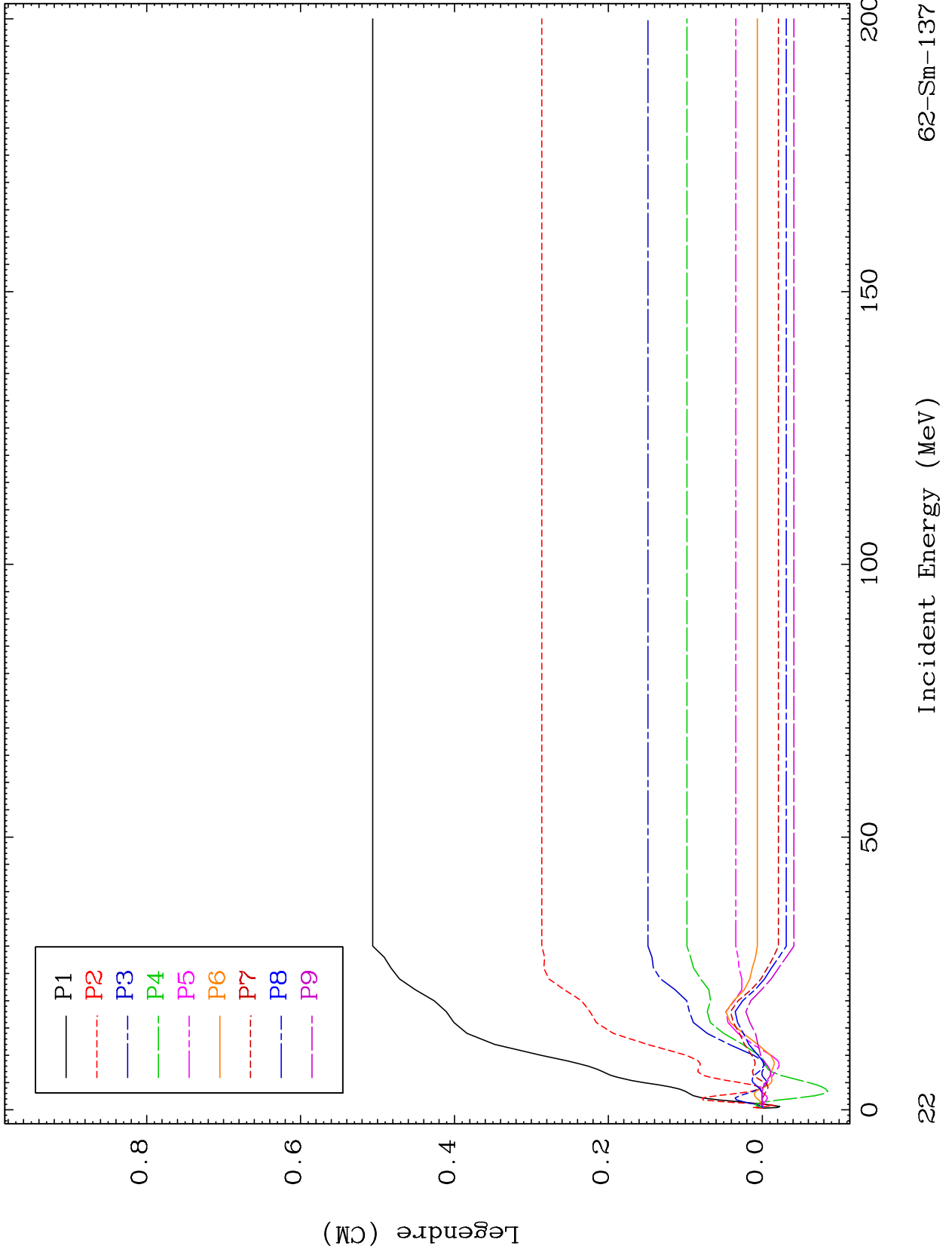


21

MAT 6204

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

62-Sm-137



62-Sm-137

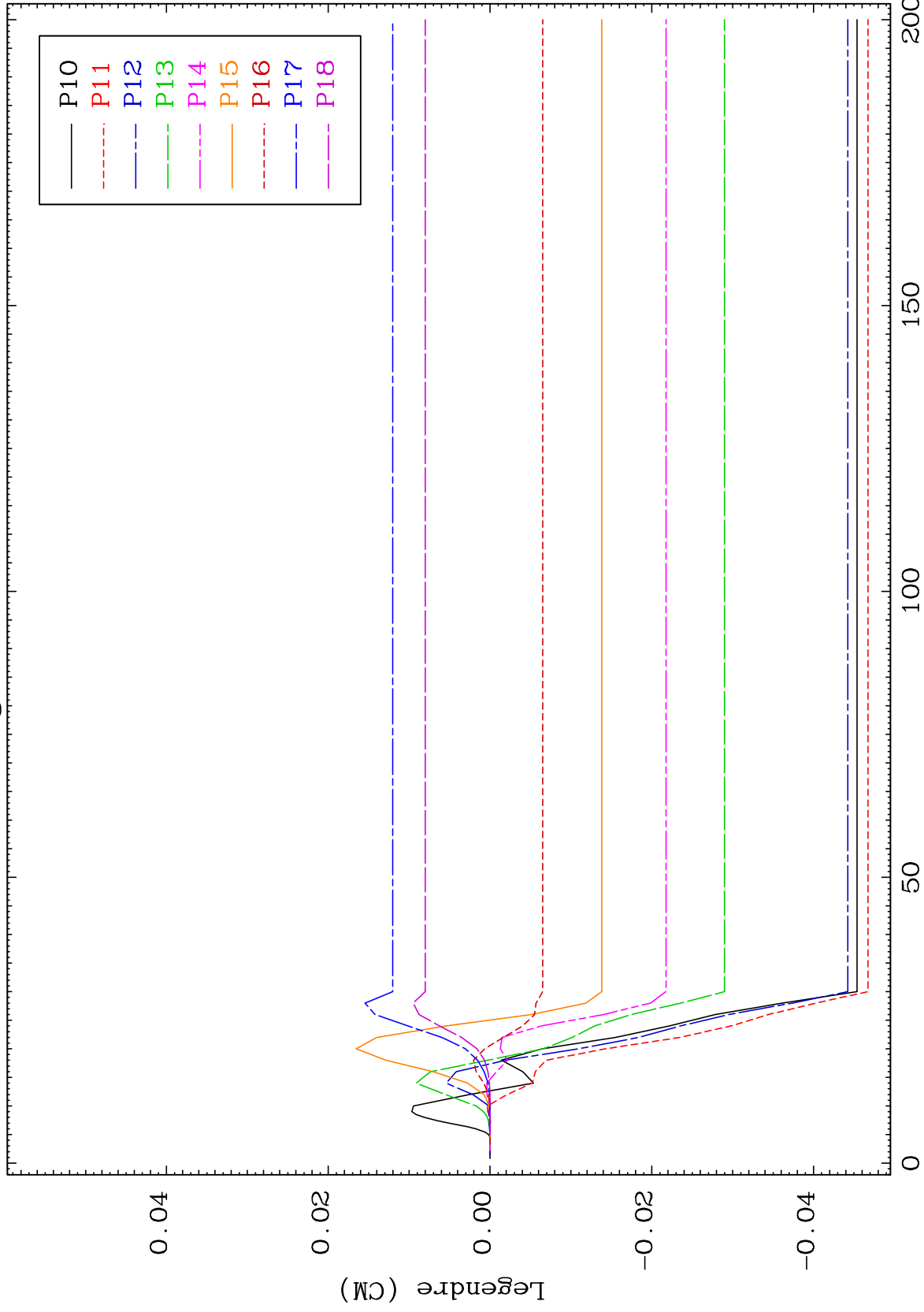
Incident Energy (MeV)

22

MAT 6204

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

62-Sm-137



23

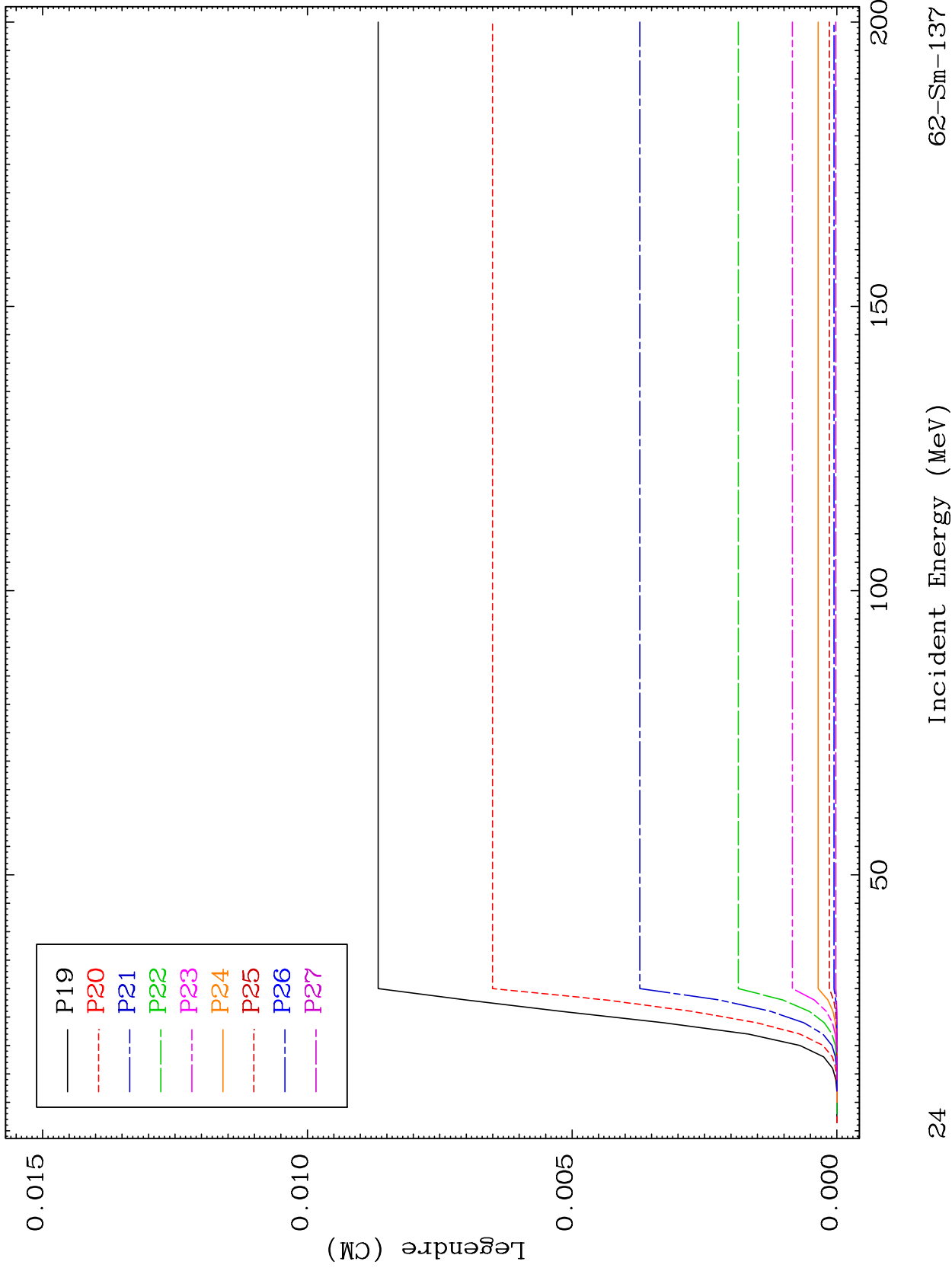
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137



24

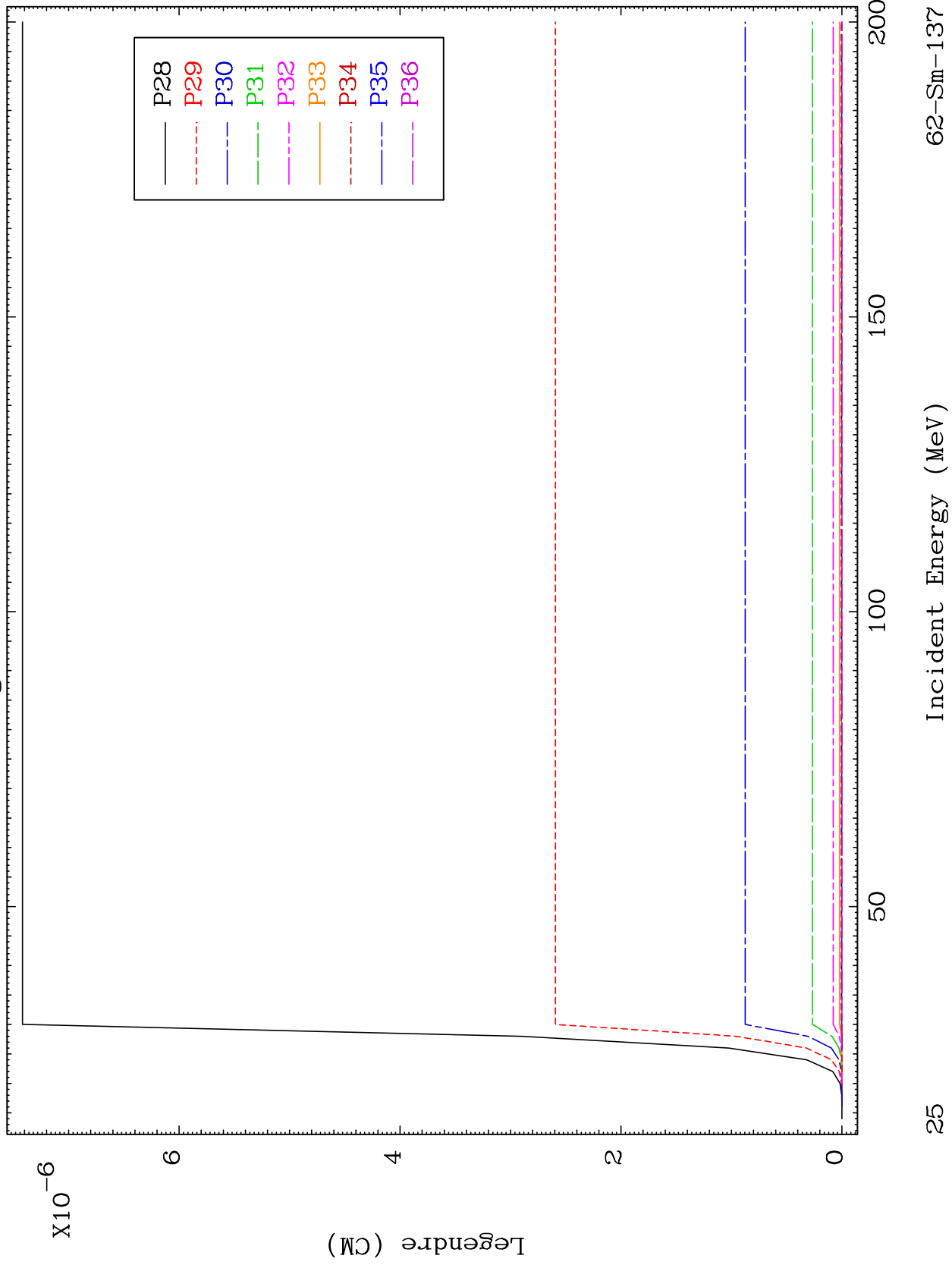
Incident Energy (MeV)

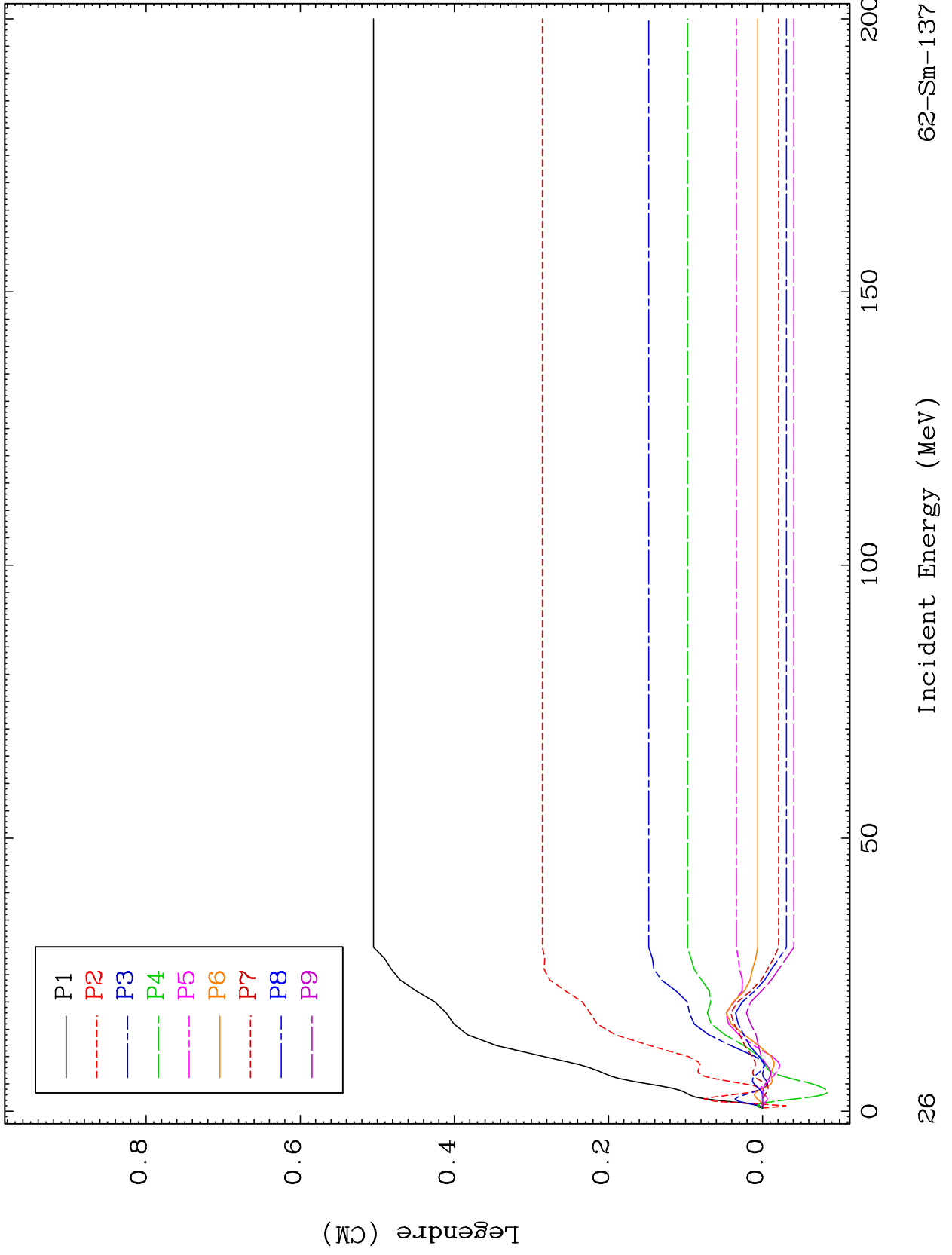
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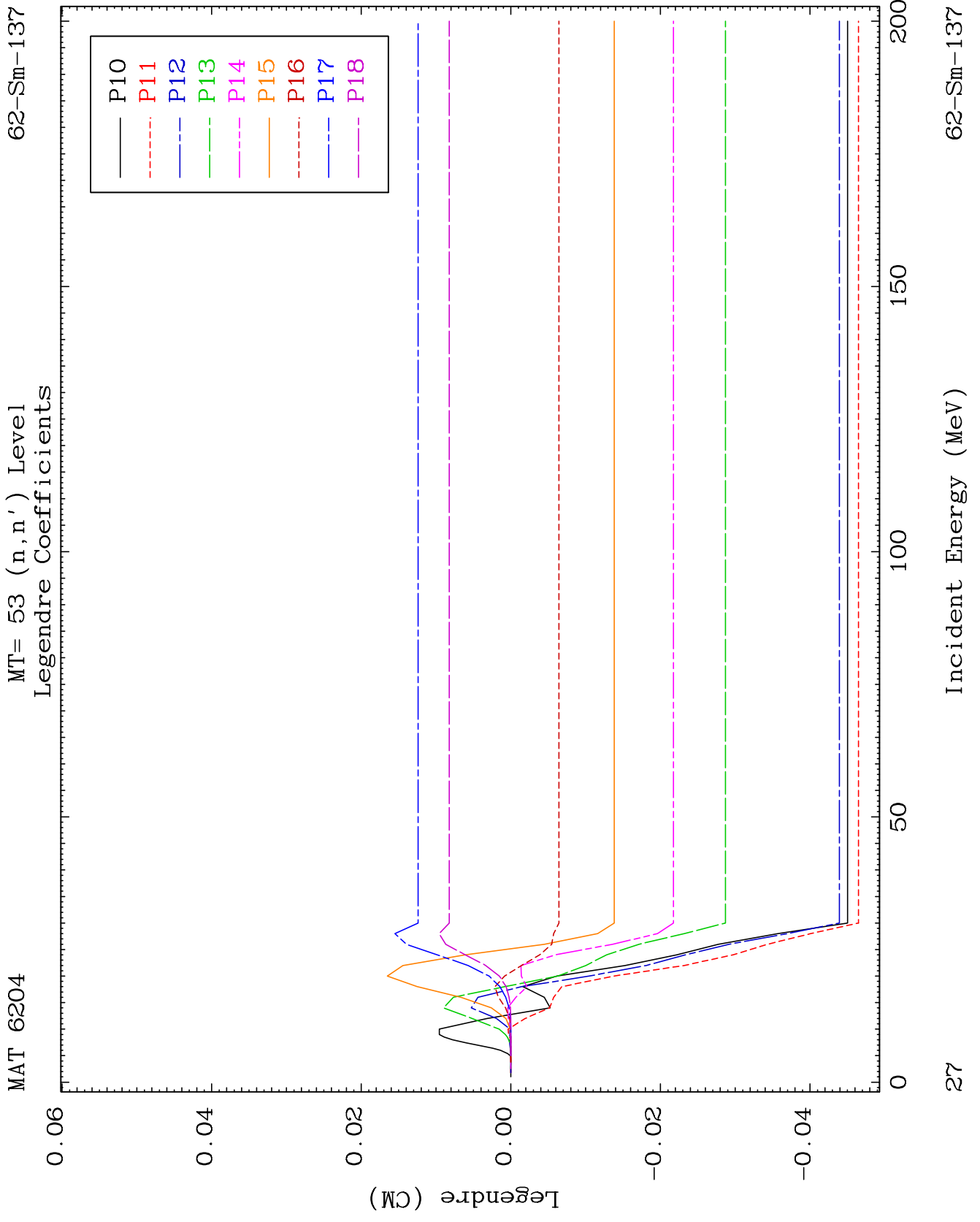
MAT 6204

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

62-Sm-137



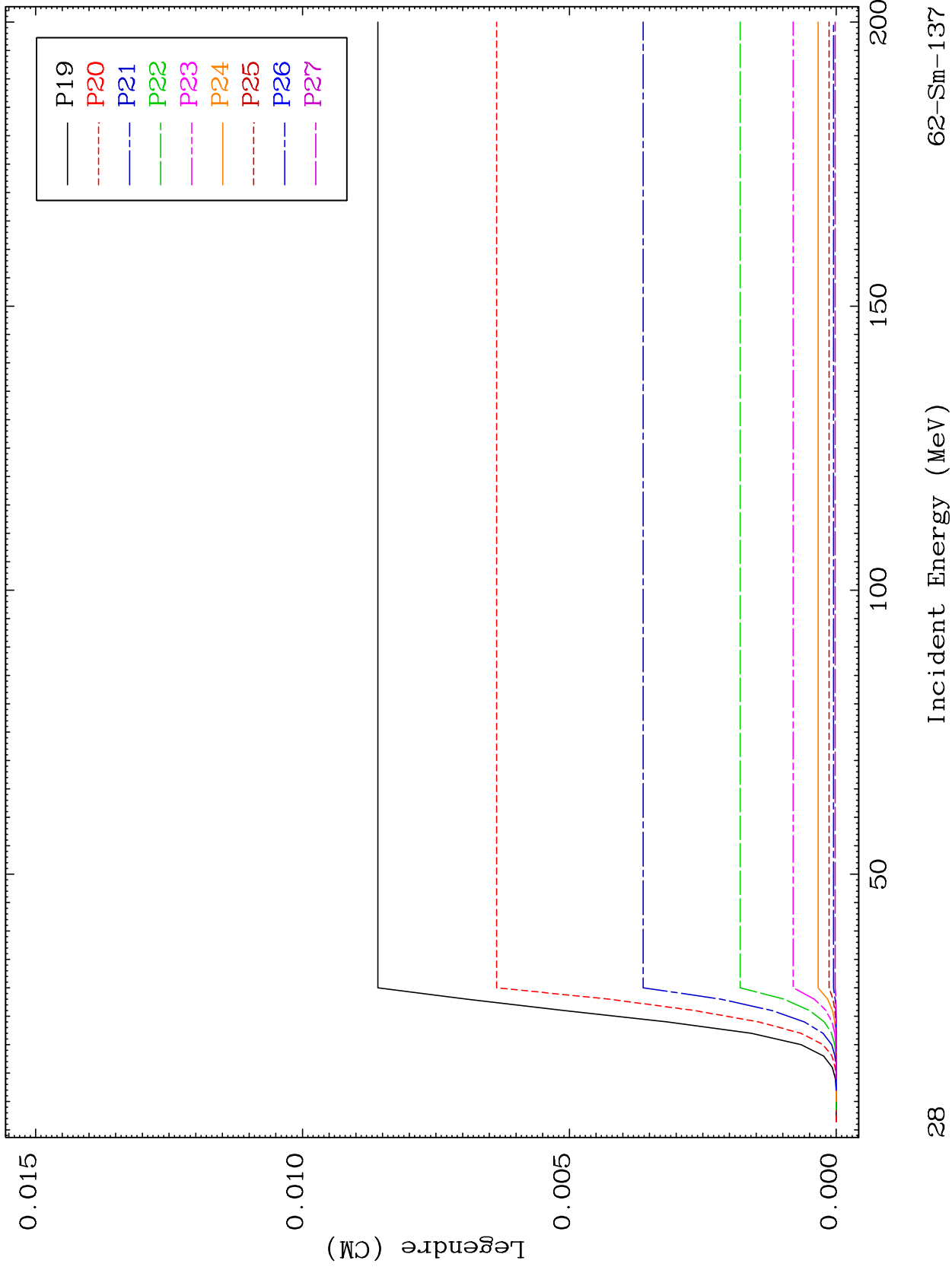




MAT 6204

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

62-Sm-137



28

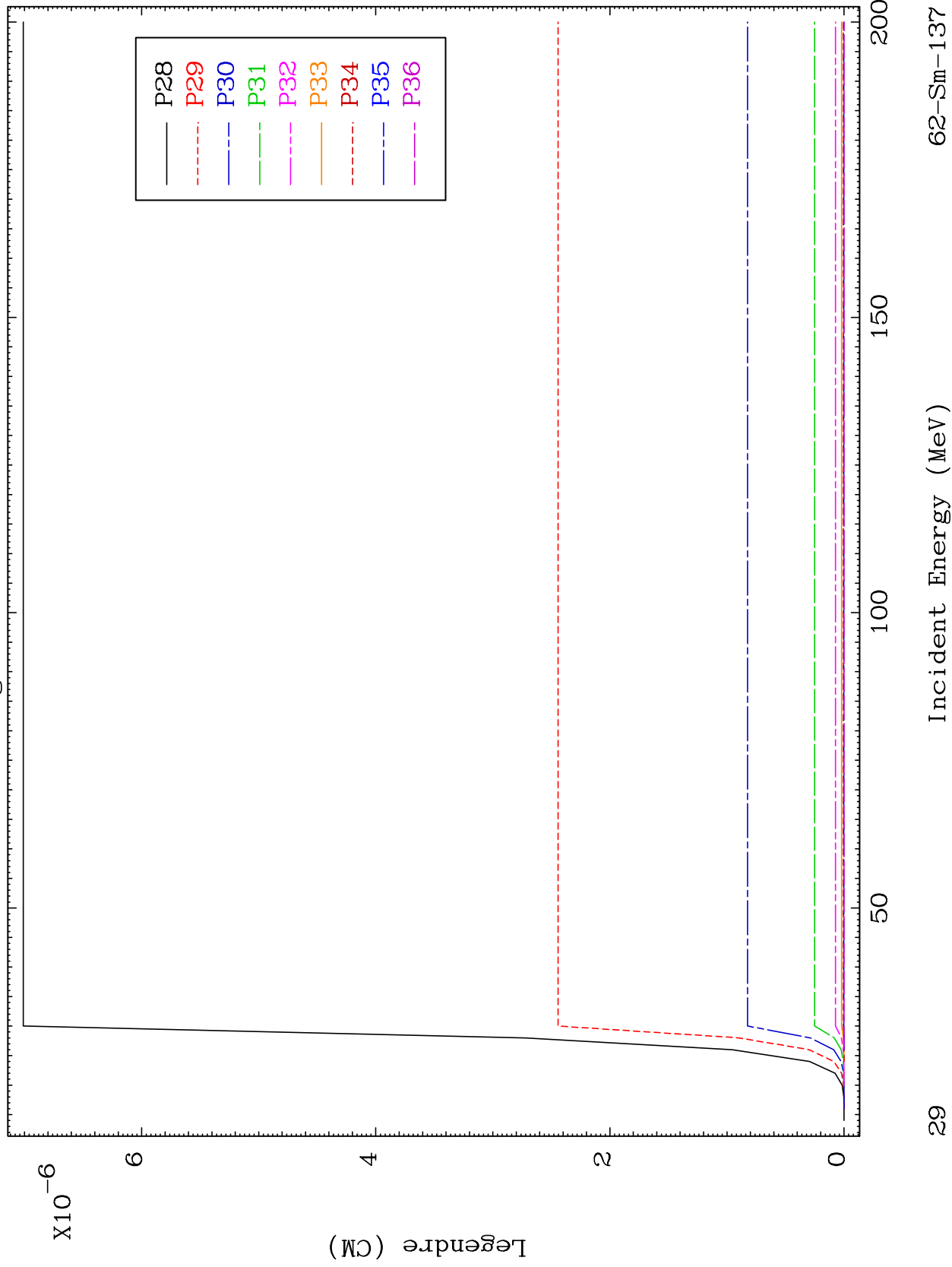
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137



29

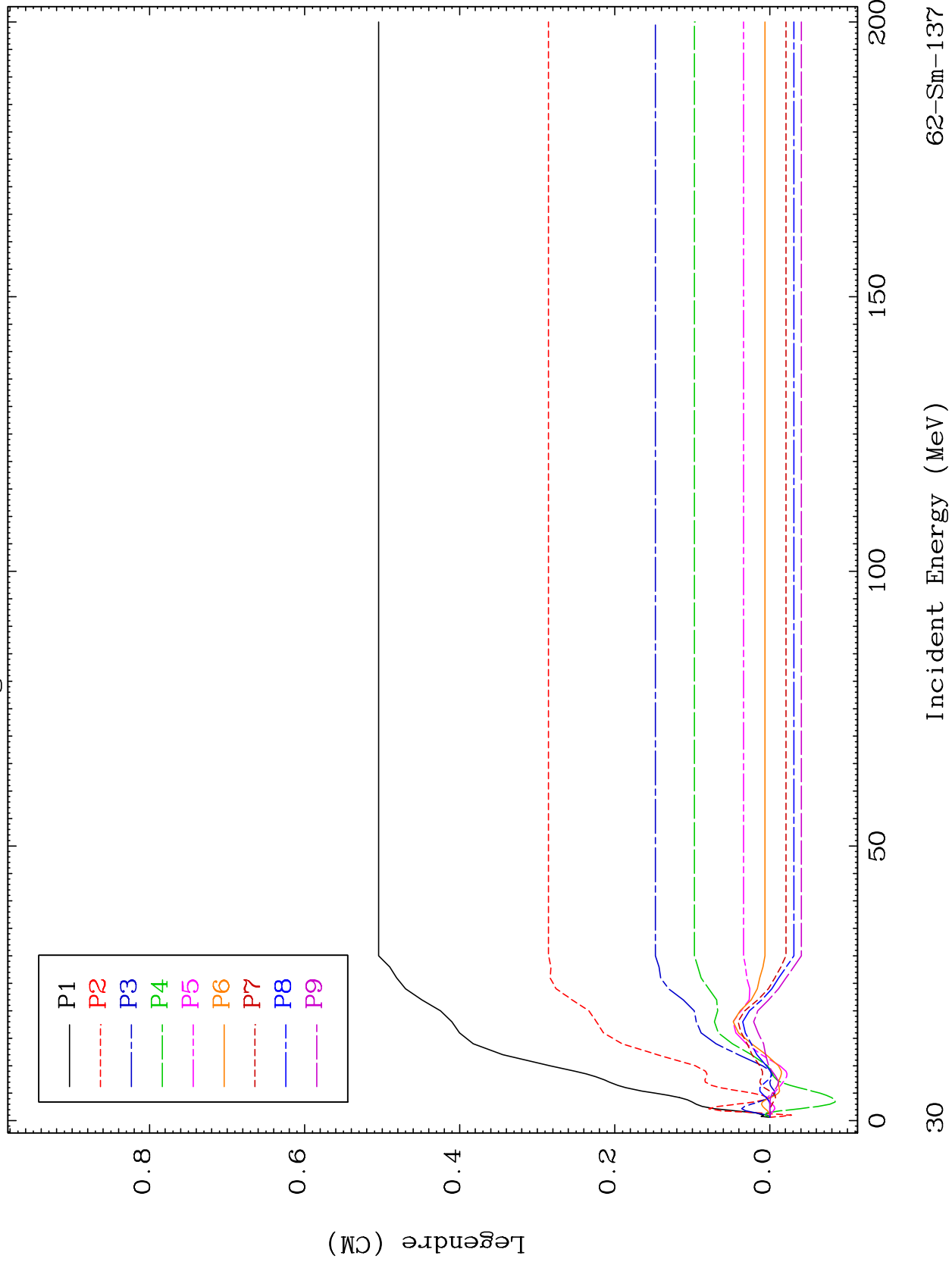
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

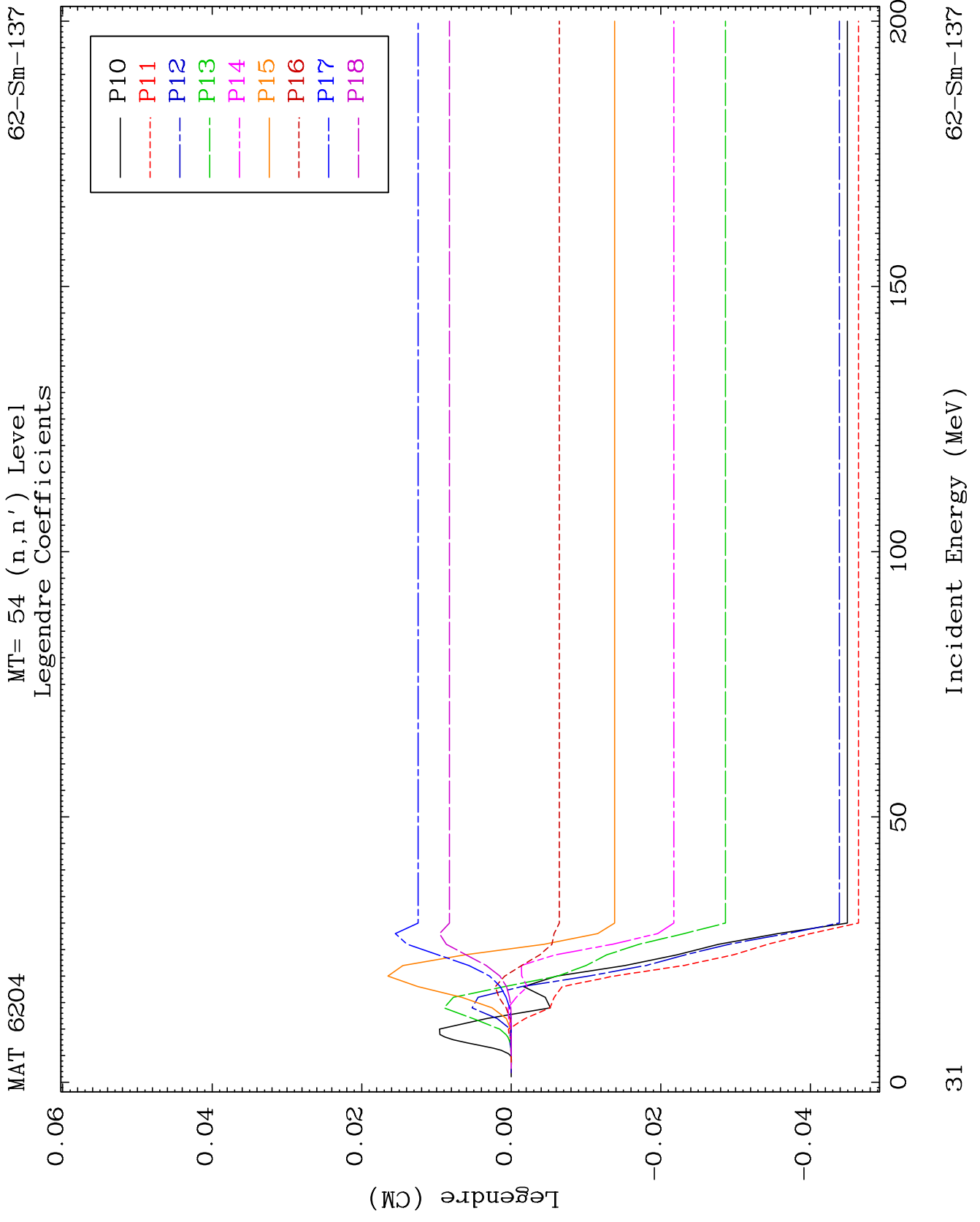
62-Sm-137



62-Sm-137

Incident Energy (MeV)

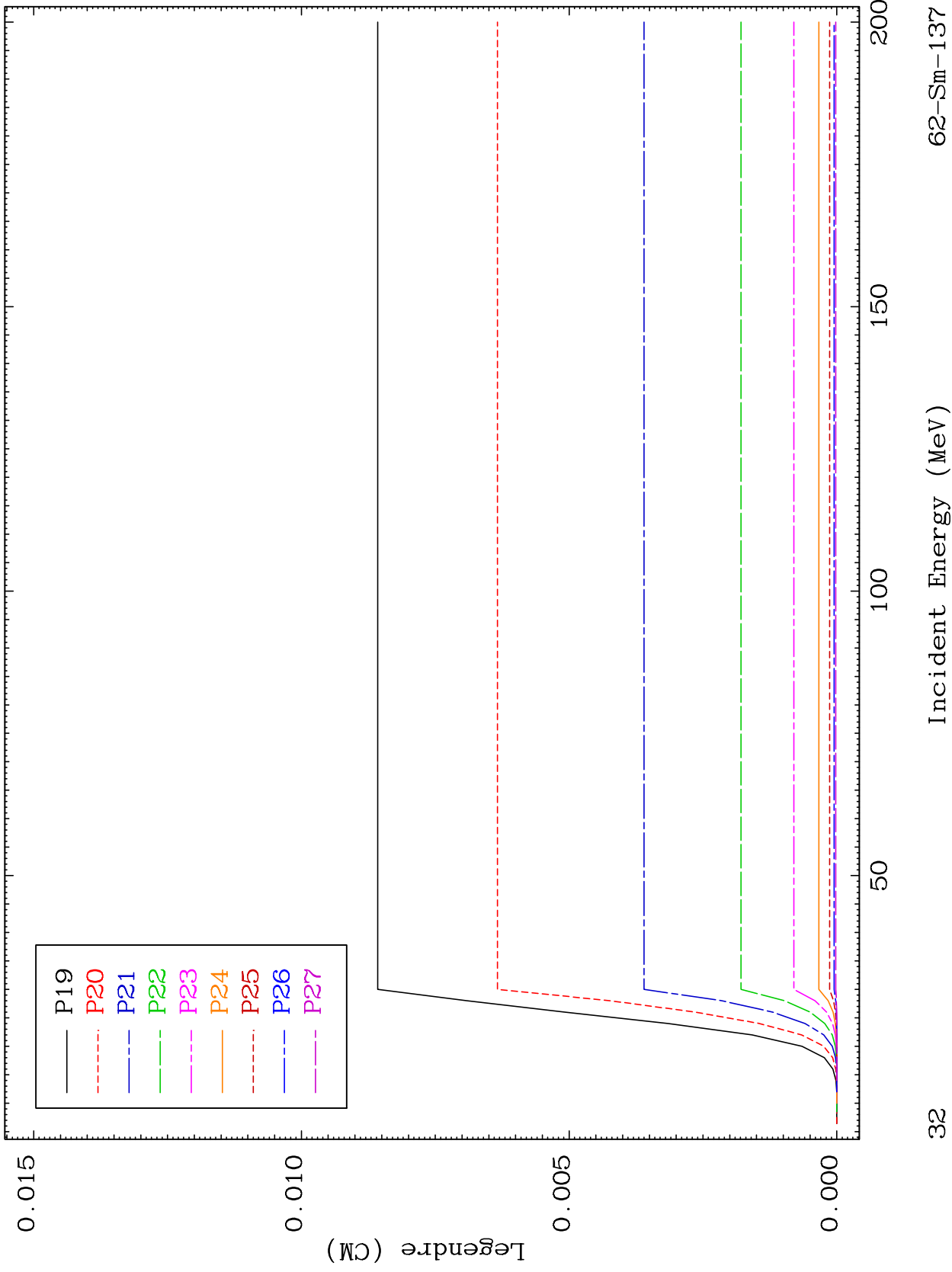
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MAT 6204

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

62-Sm-137



32

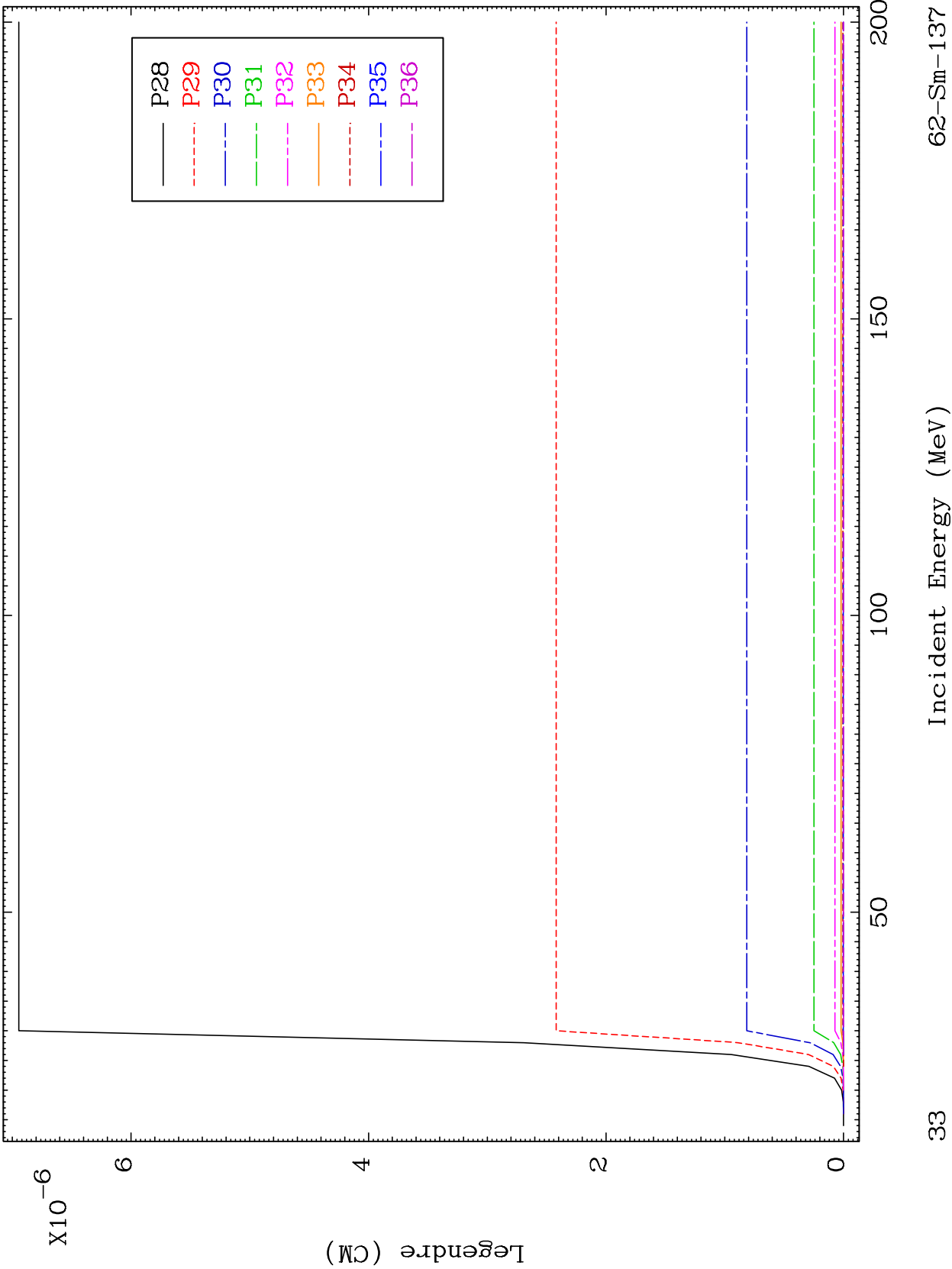
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137



33

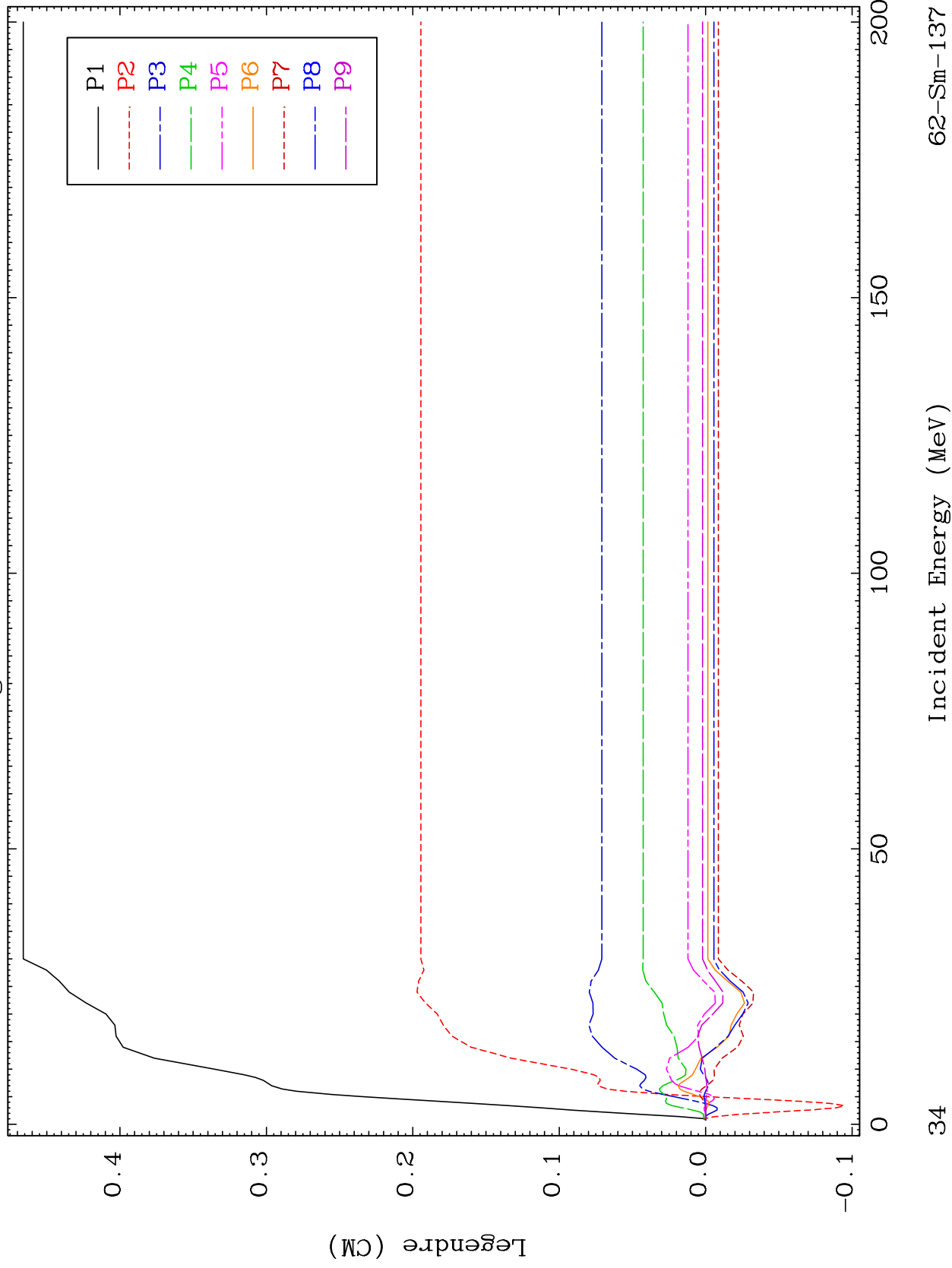
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137



62-Sm-137

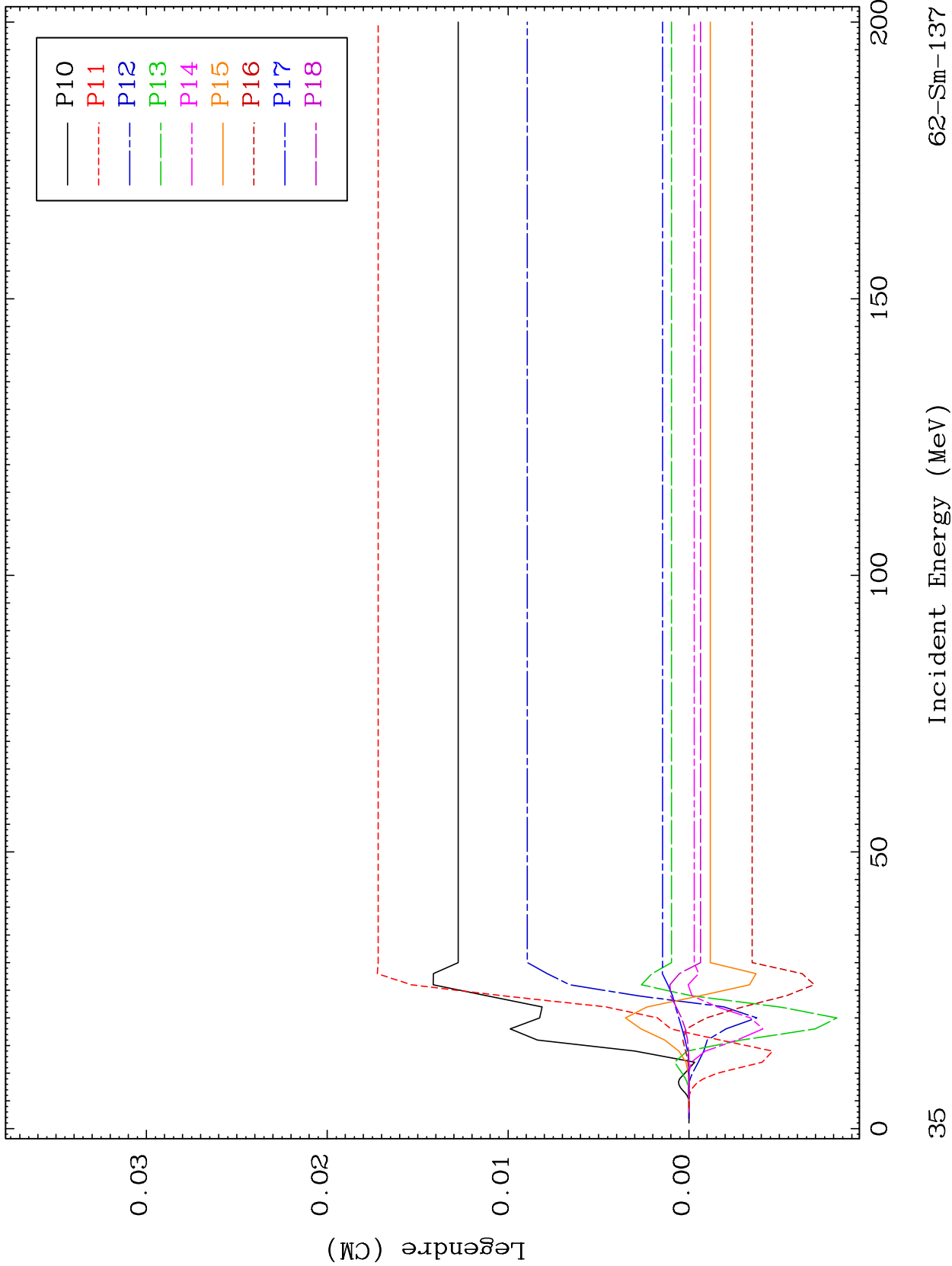
Incident Energy (MeV)

34

MAT 6204

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

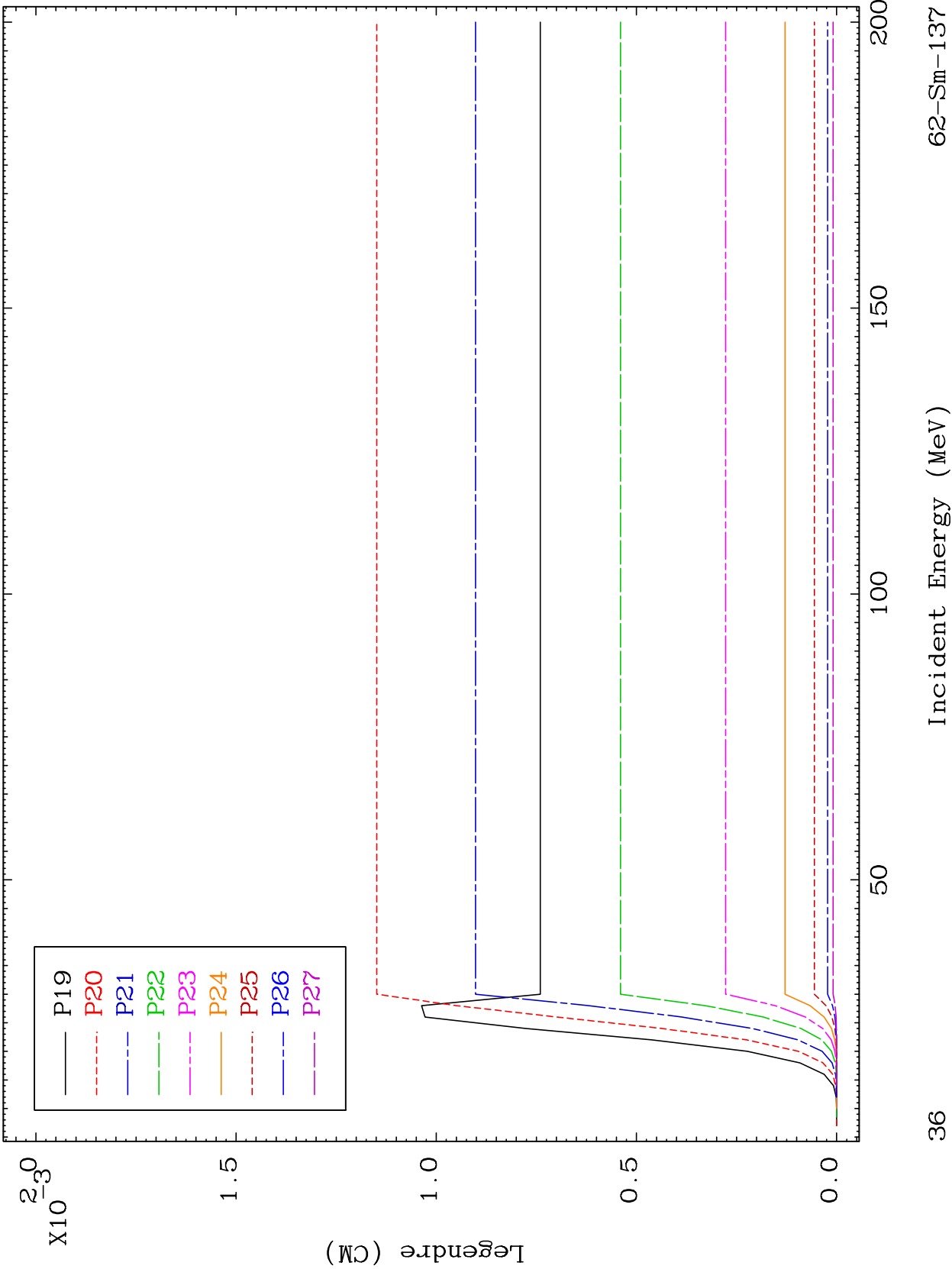
62-Sm-137



62-Sm-137

Incident Energy (MeV)

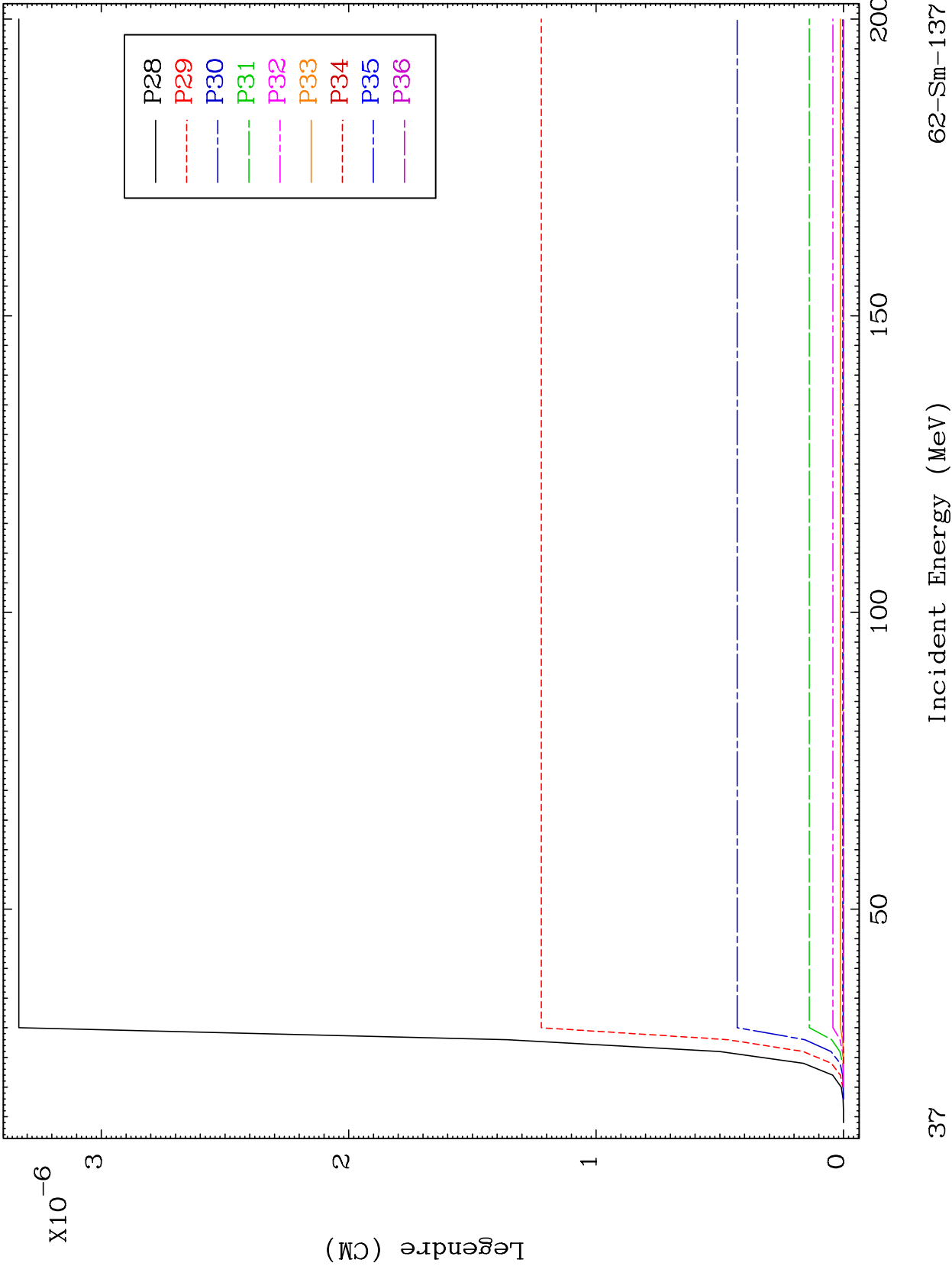
35



MAT 6204

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

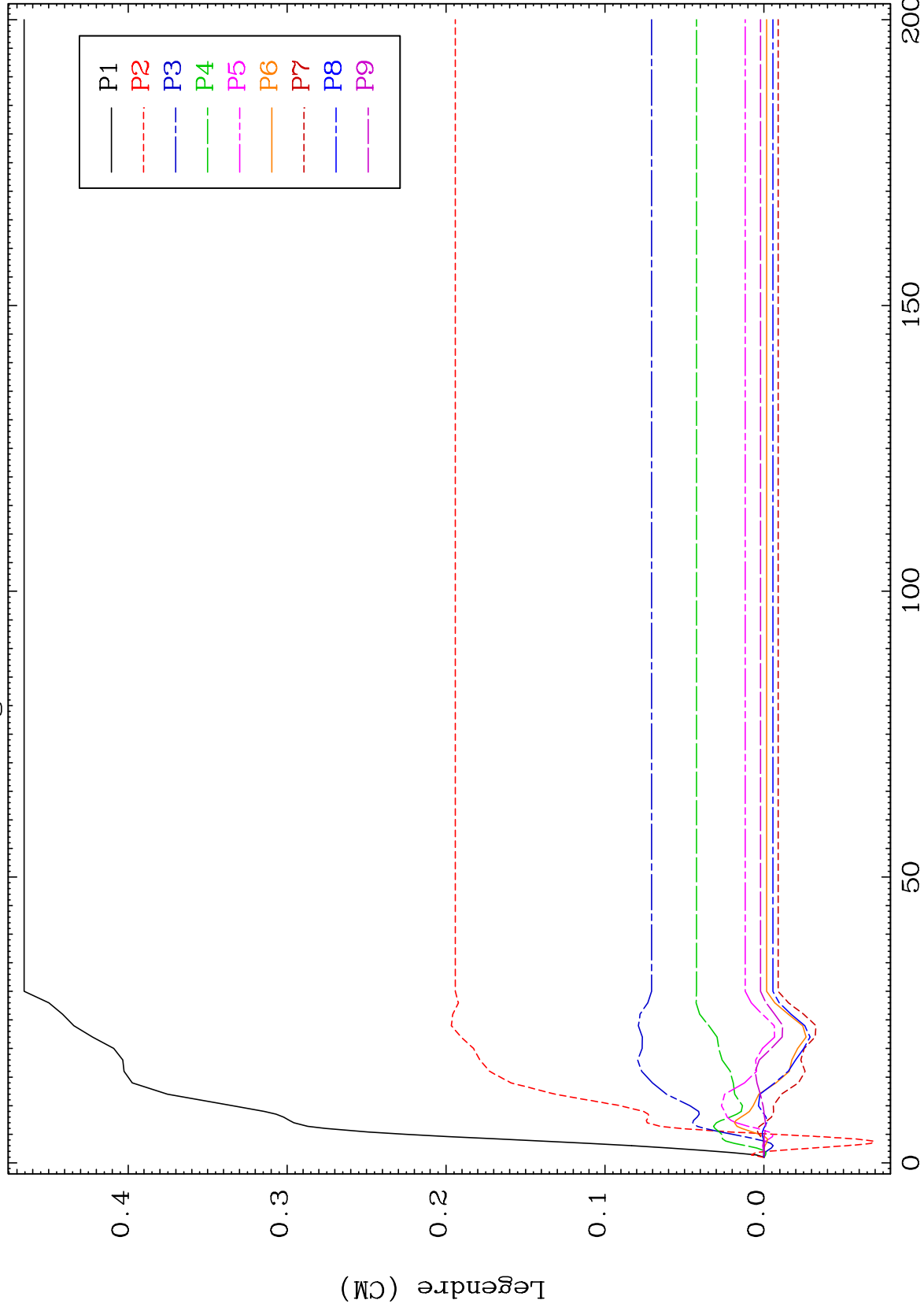
62-Sm-137



MAT 6204

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

62-Sm-137



38

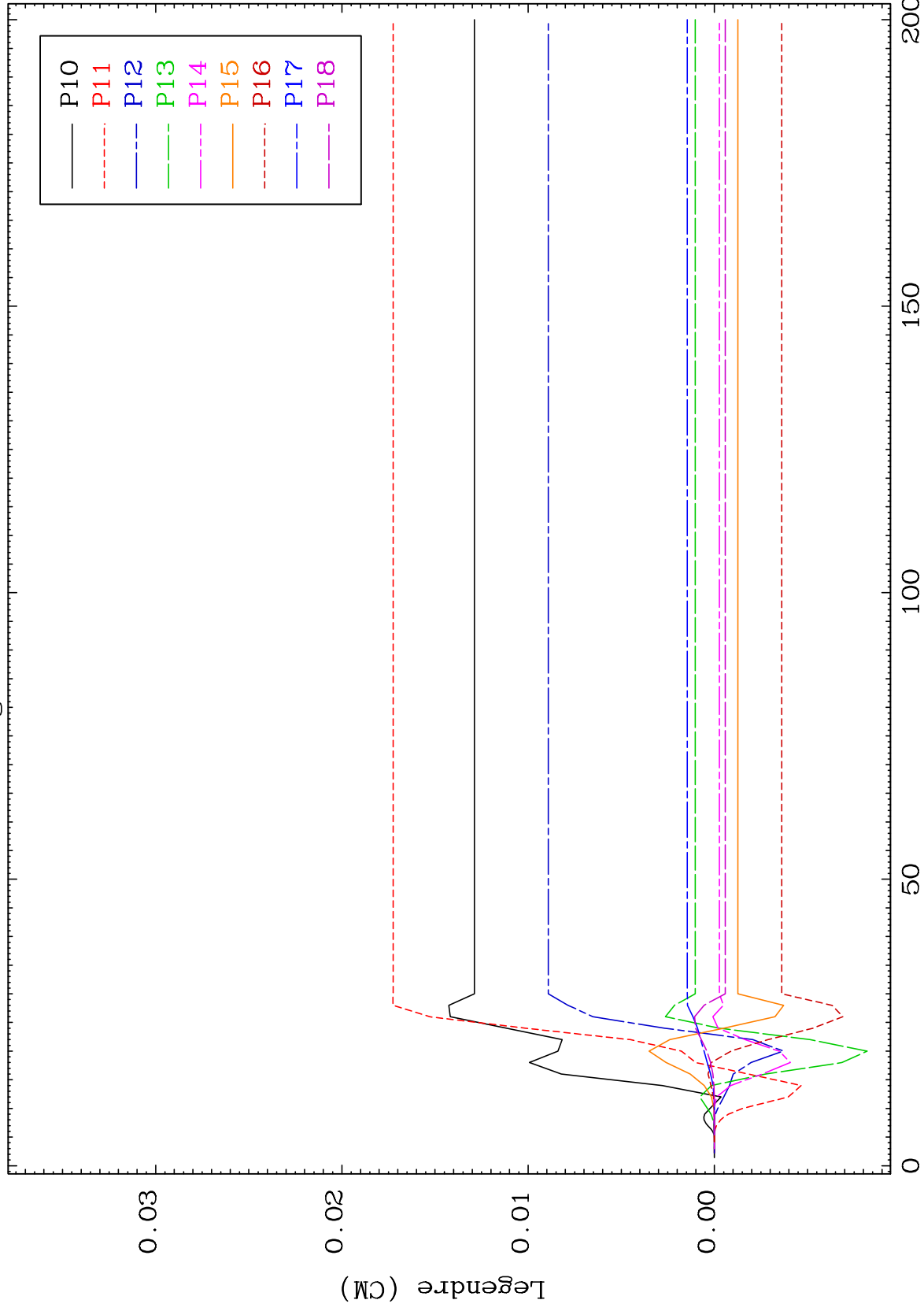
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137



39

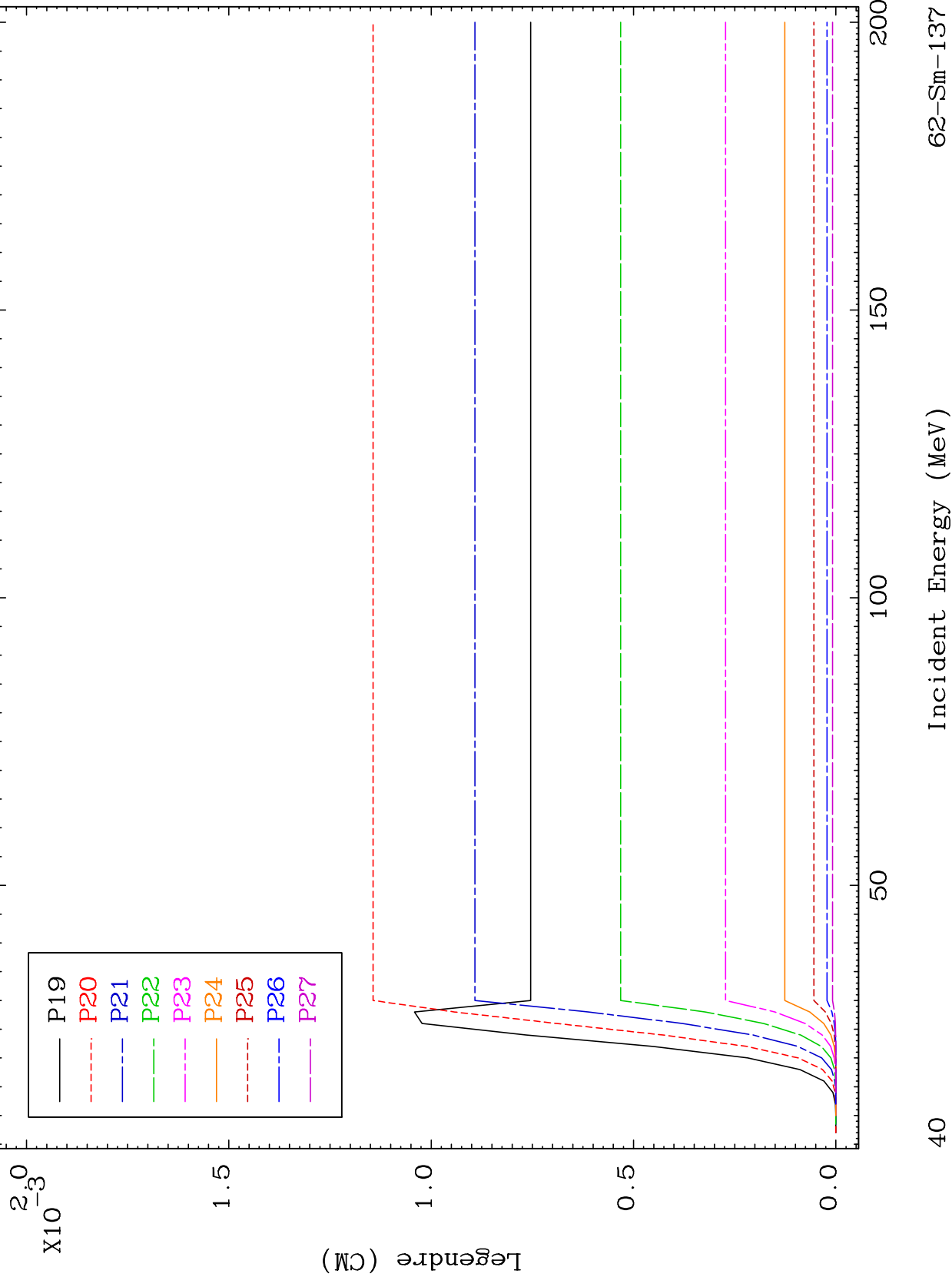
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

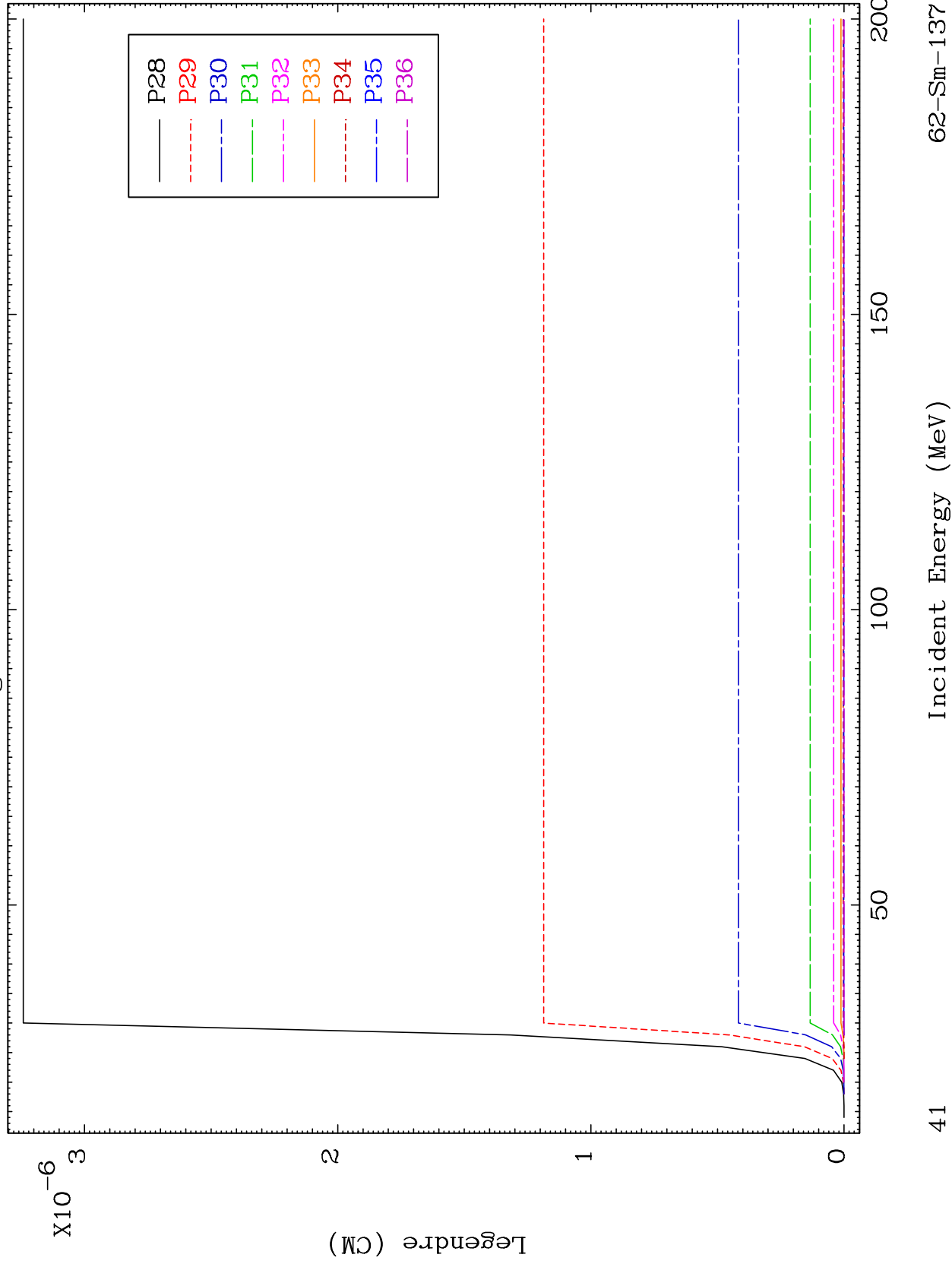
62-Sm-137



MAT 6204

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

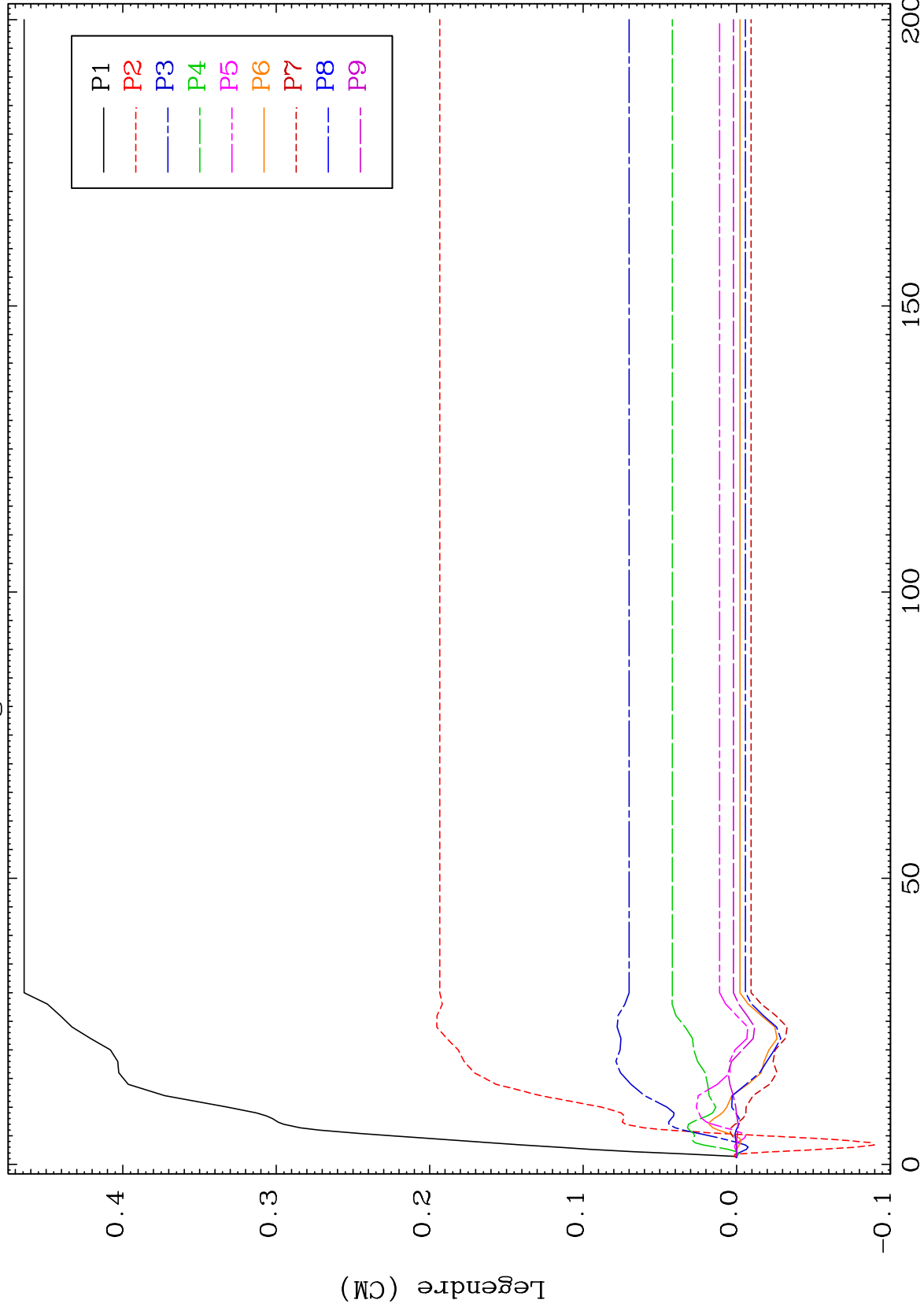
62-Sm-137



MAT 6204

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

62-Sm-137



42

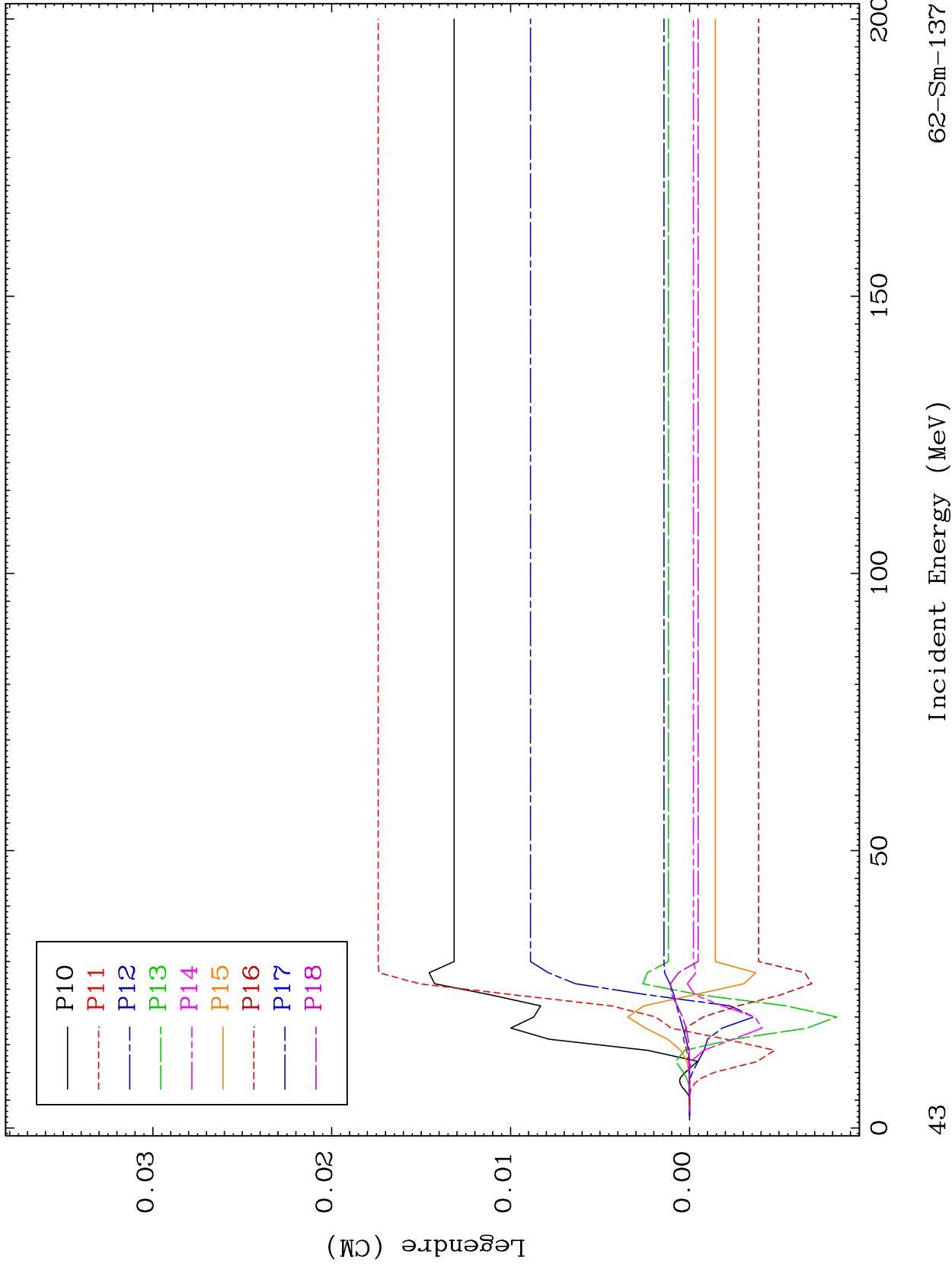
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

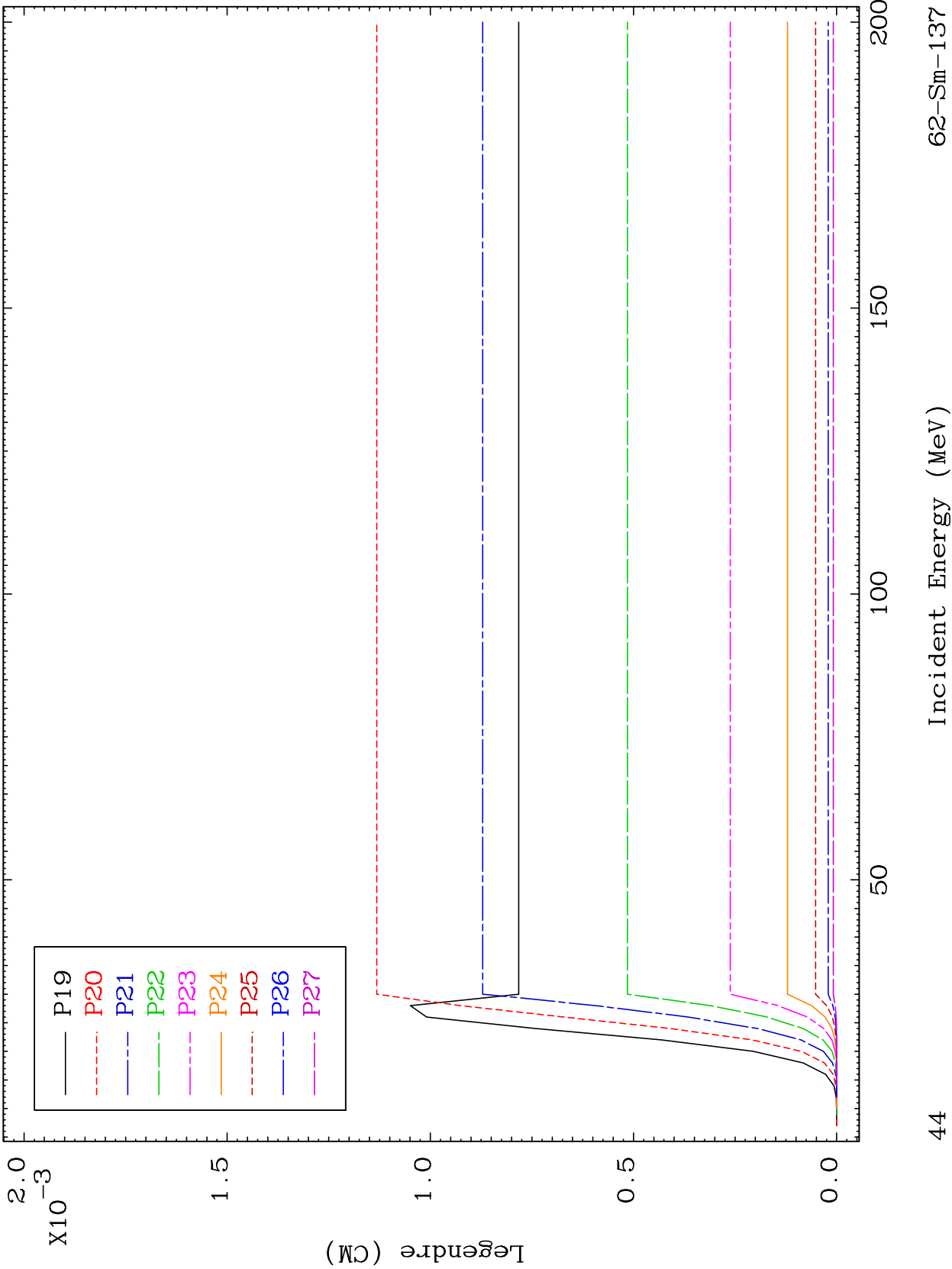
62-Sm-137



62-Sm-137

Incident Energy (MeV)

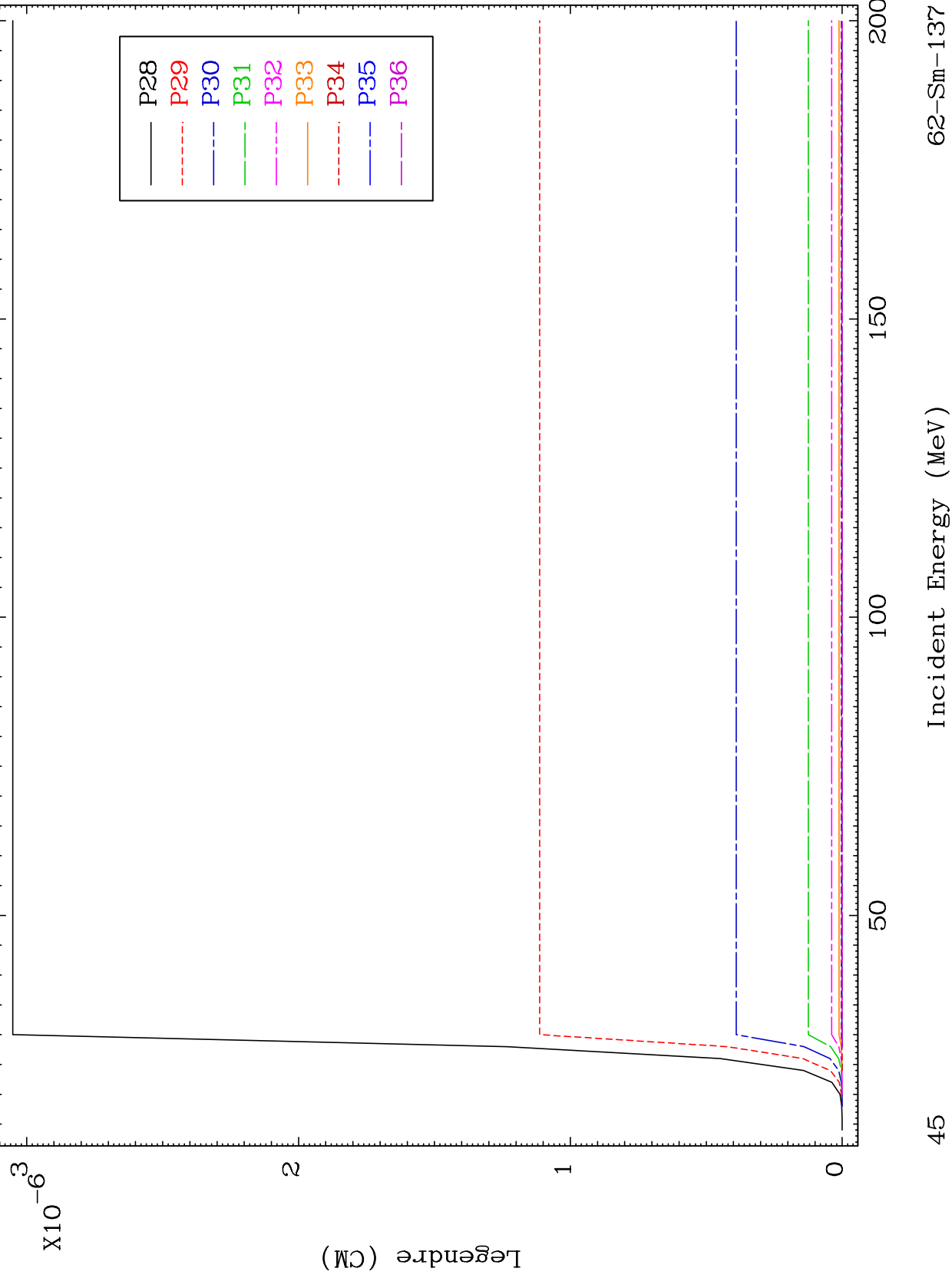
43



MAT 6204

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

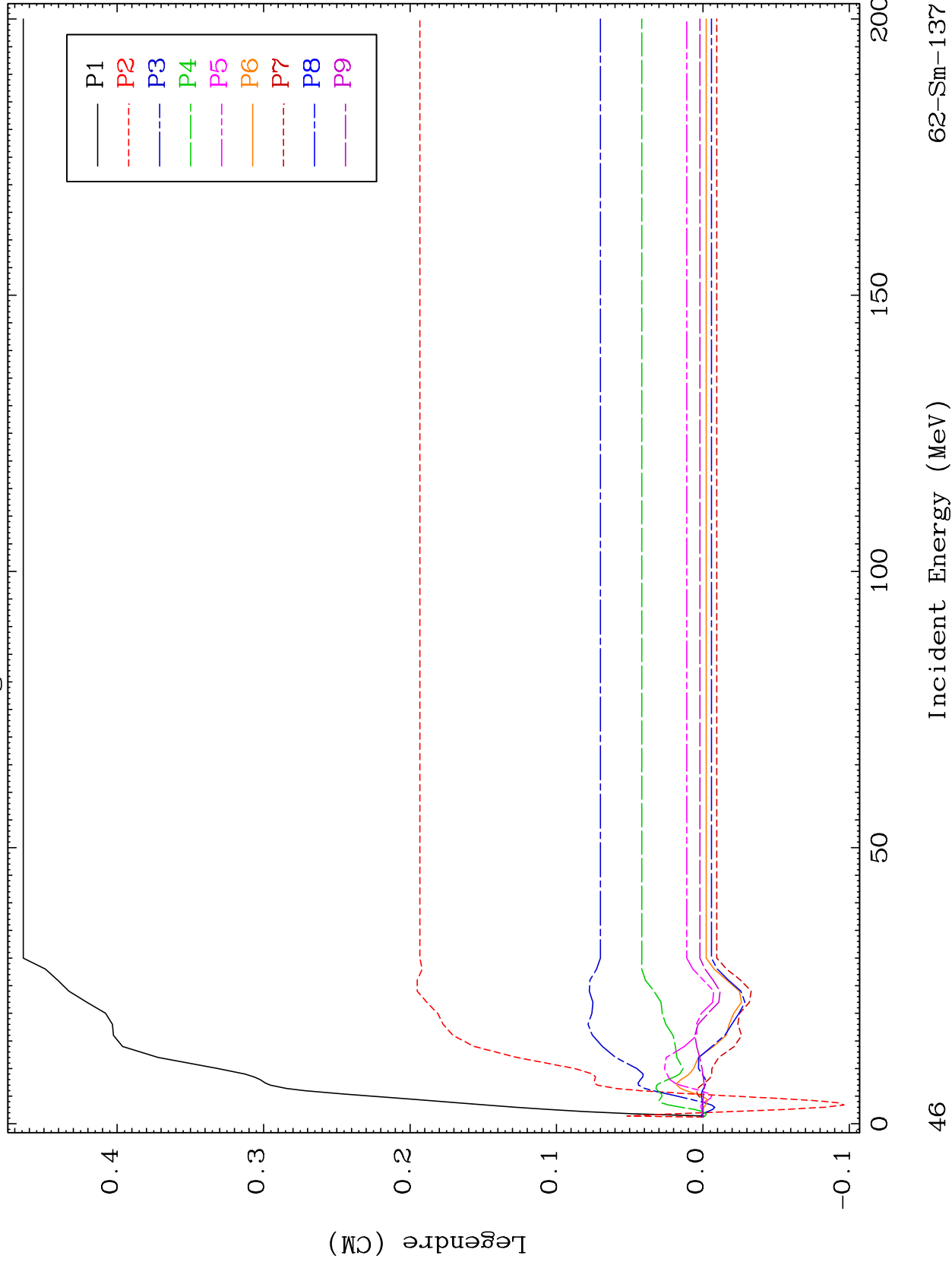
62-Sm-137



MAT 6204

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

62-Sm-137



62-Sm-137

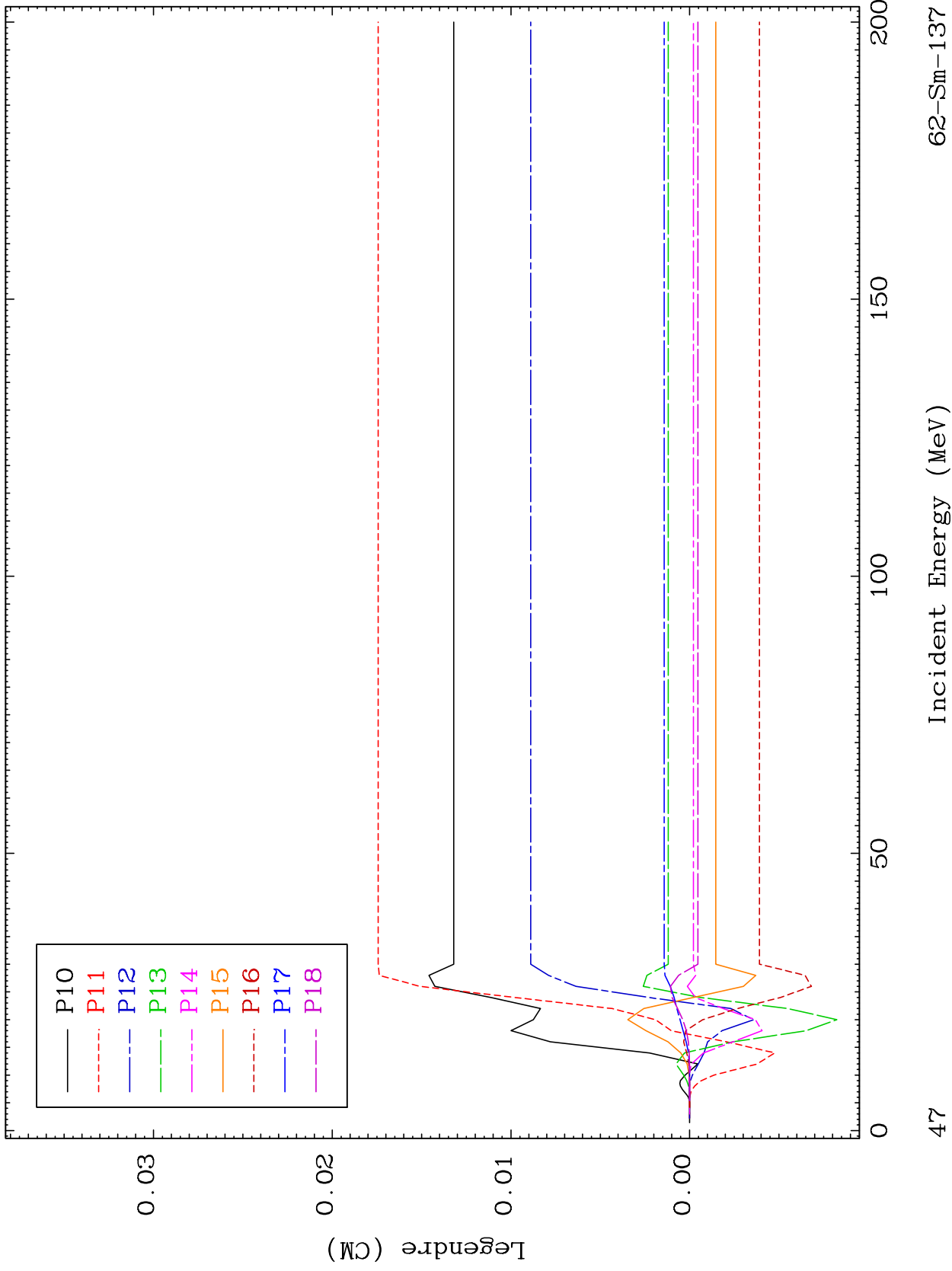
Incident Energy (MeV)

46

MAT 6204

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

62-Sm-137



47

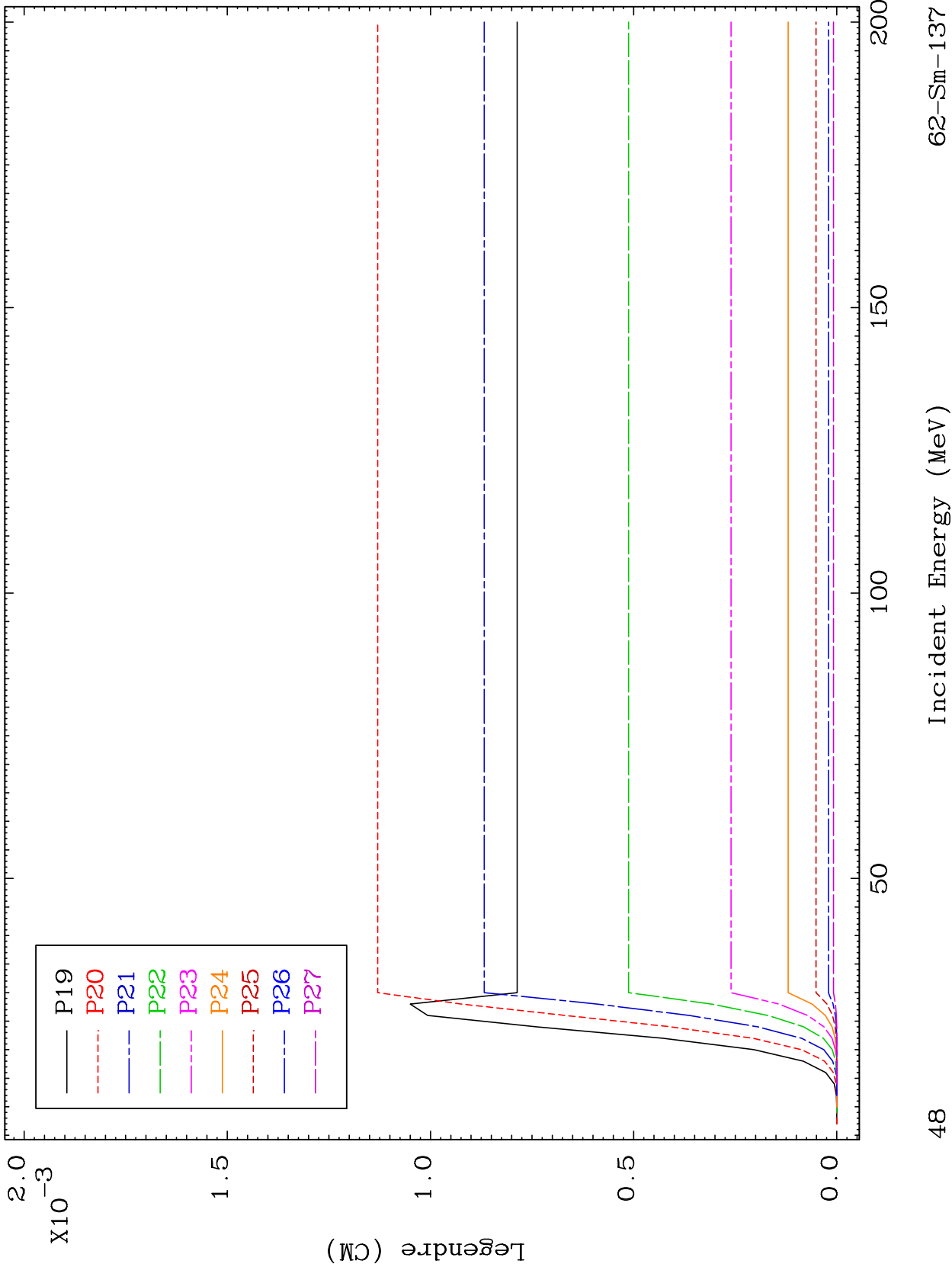
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137



48

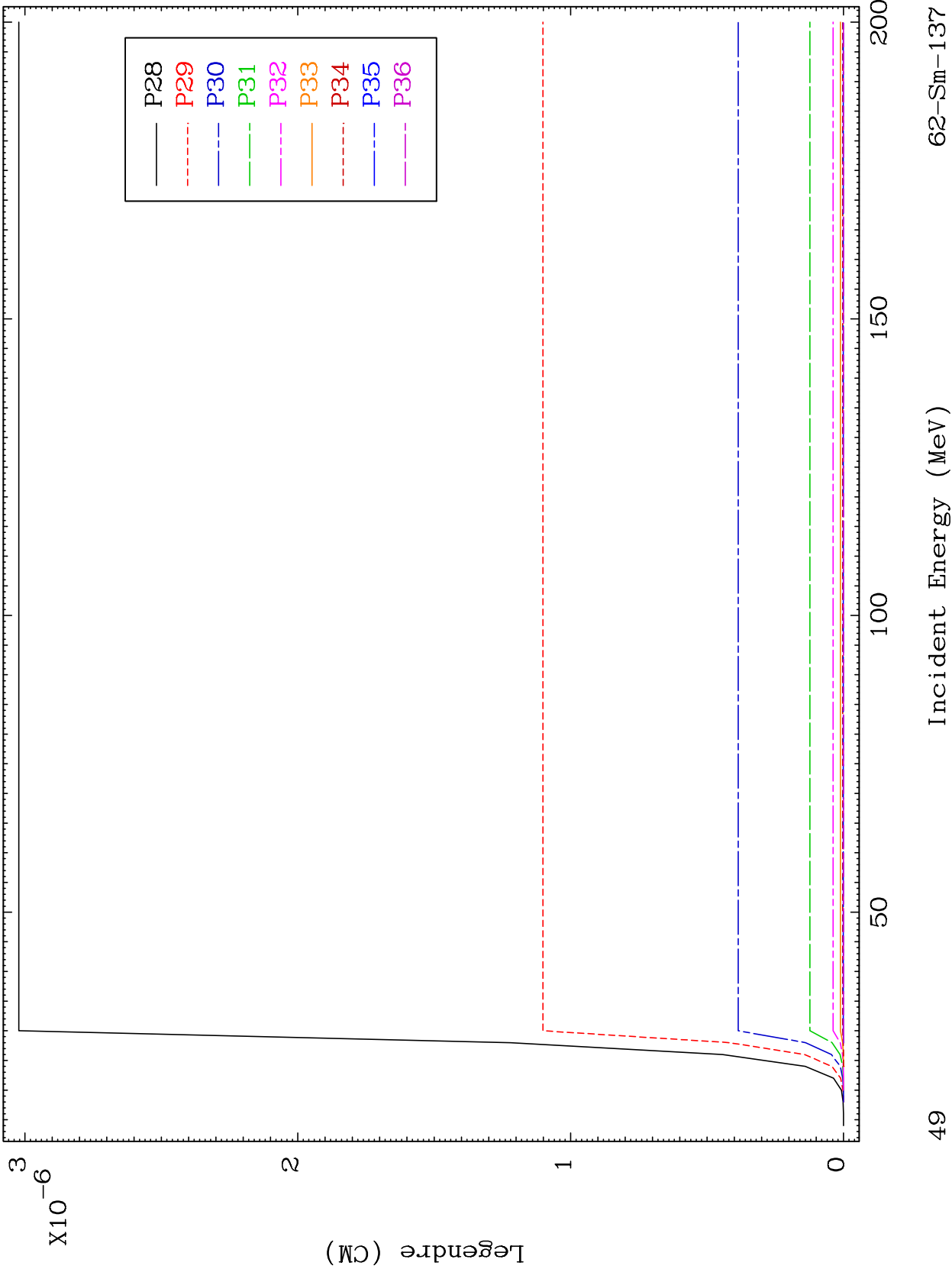
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

62-Sm-137



49

Incident Energy (MeV)

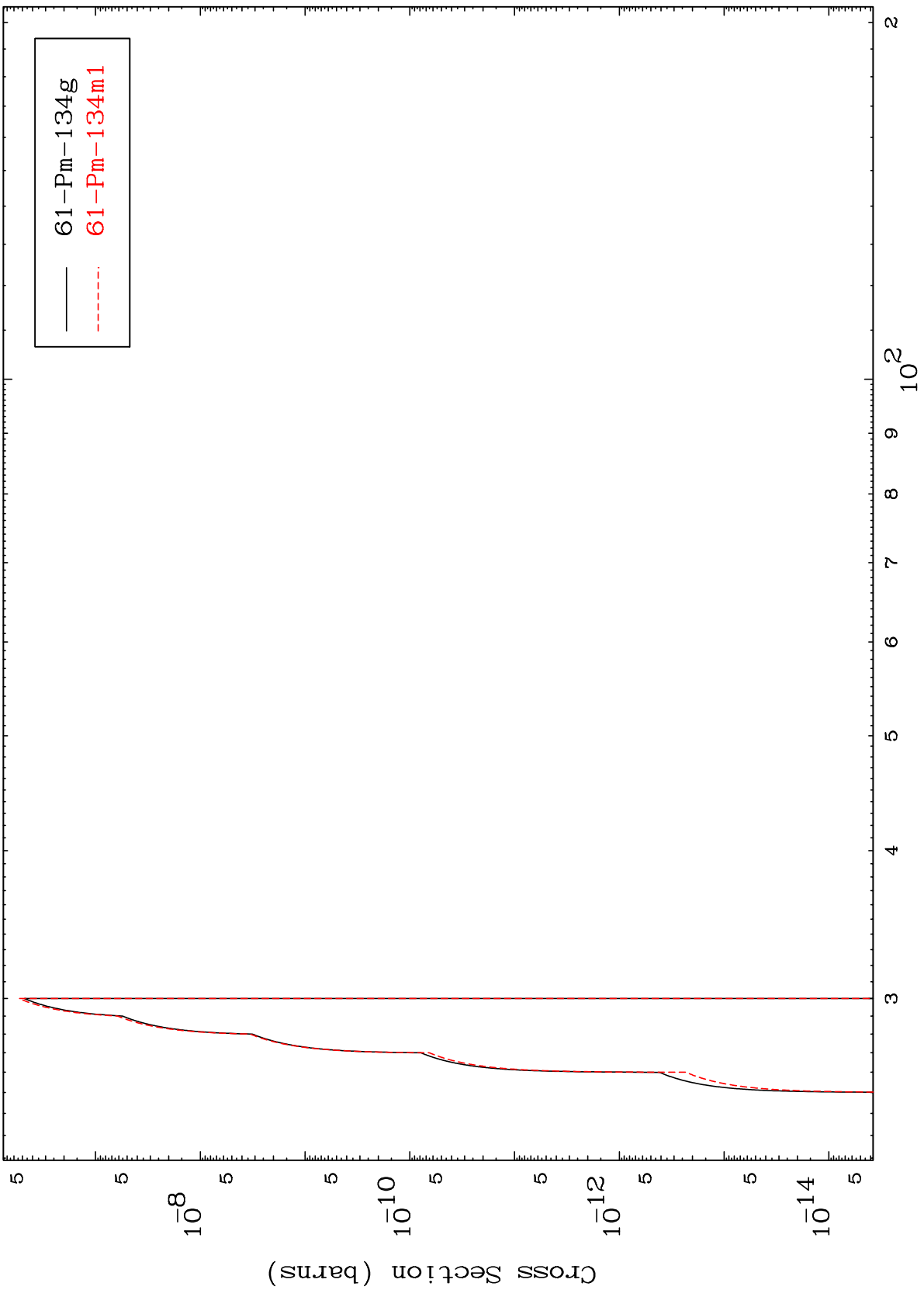
62-Sm-137

MAT 6204

(n,2n) d

62-Sm-137

Radionuclide Production Cross Section



50

Incident Energy (MeV)

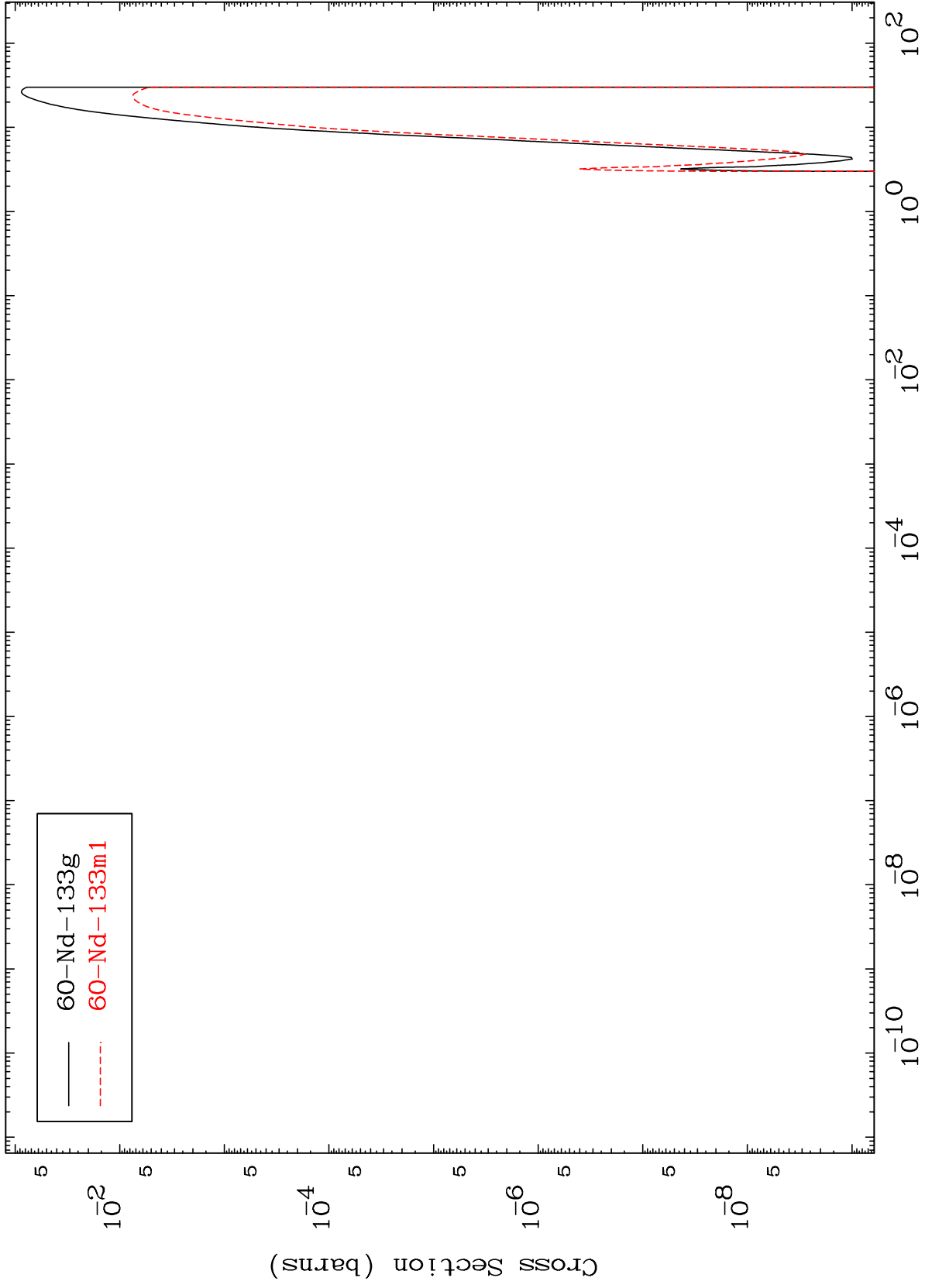
62-Sm-137

MAT 6204

(n, n') α

$^{62}\text{Sm}-137$

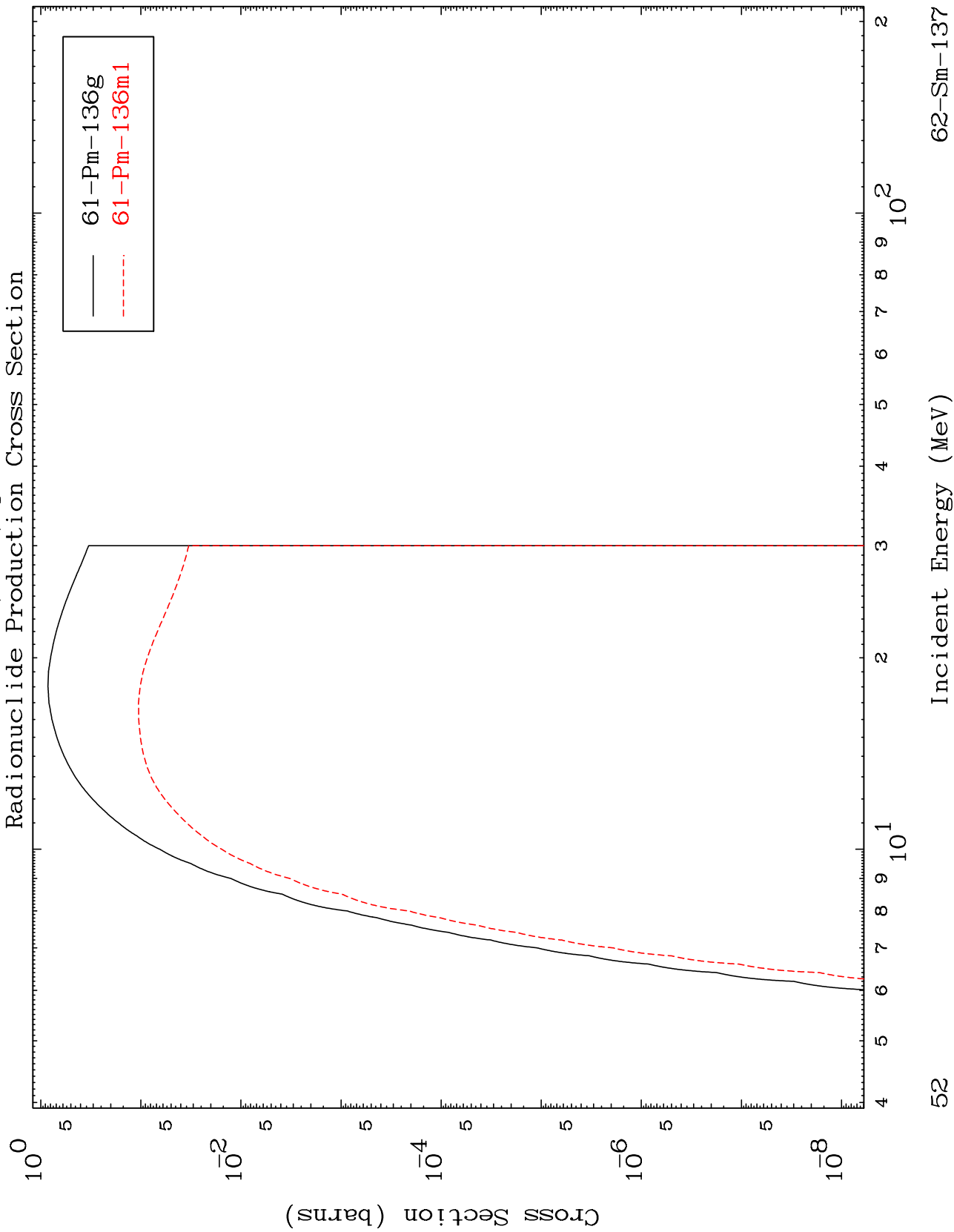
Radionuclide Production Cross Section



MAT 6204

(n,n') p

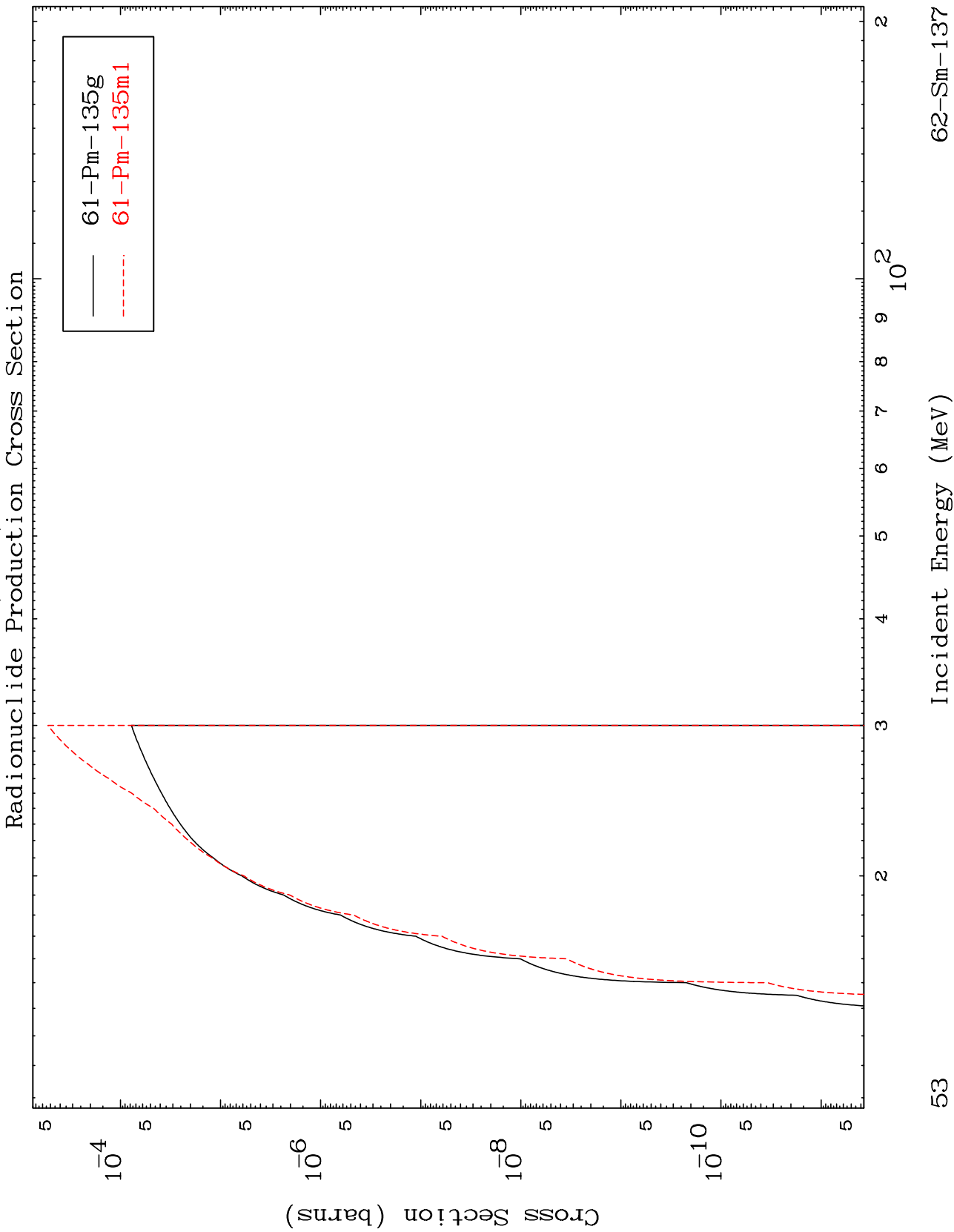
62-Sm-137



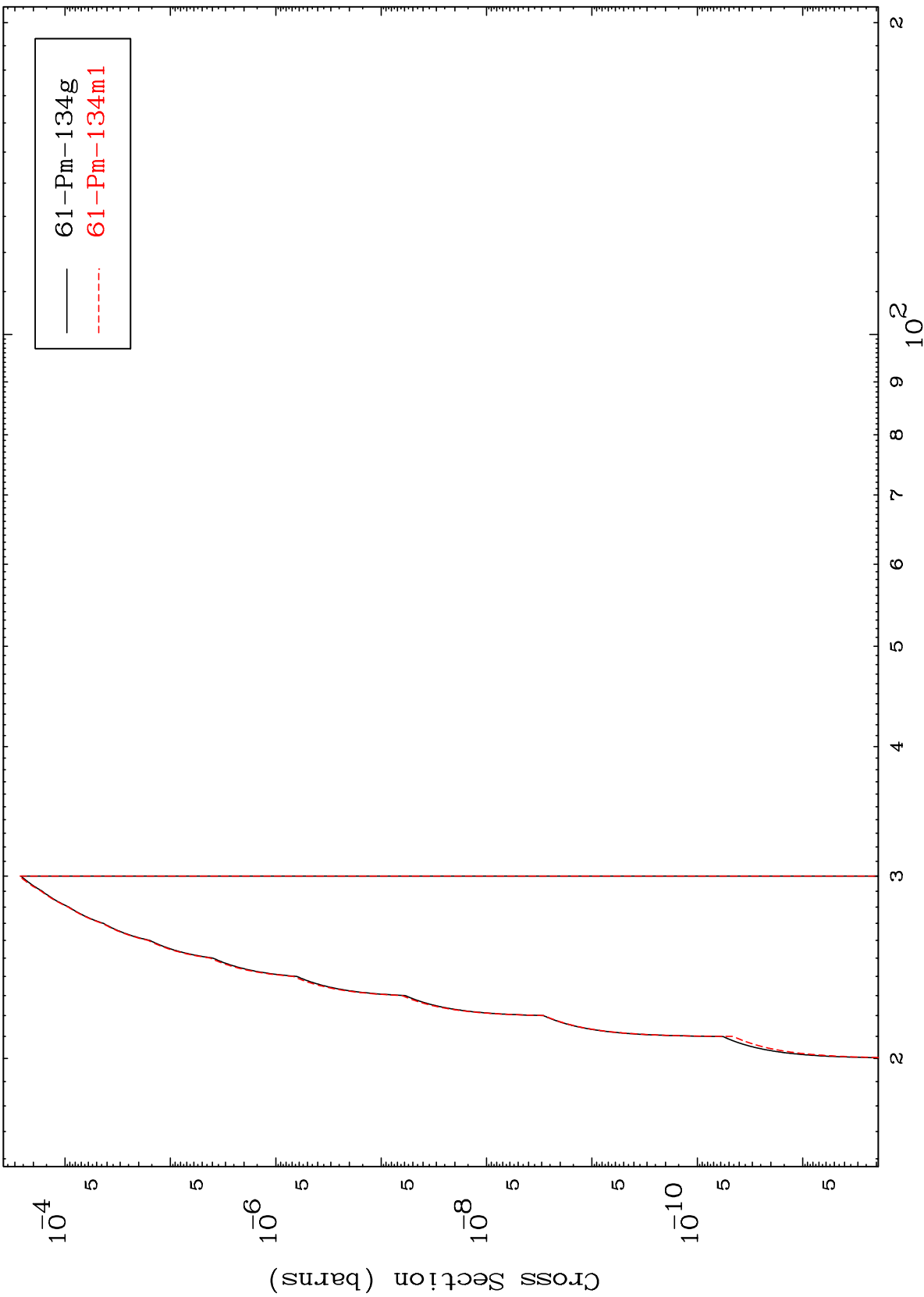
52

Incident Energy (MeV)

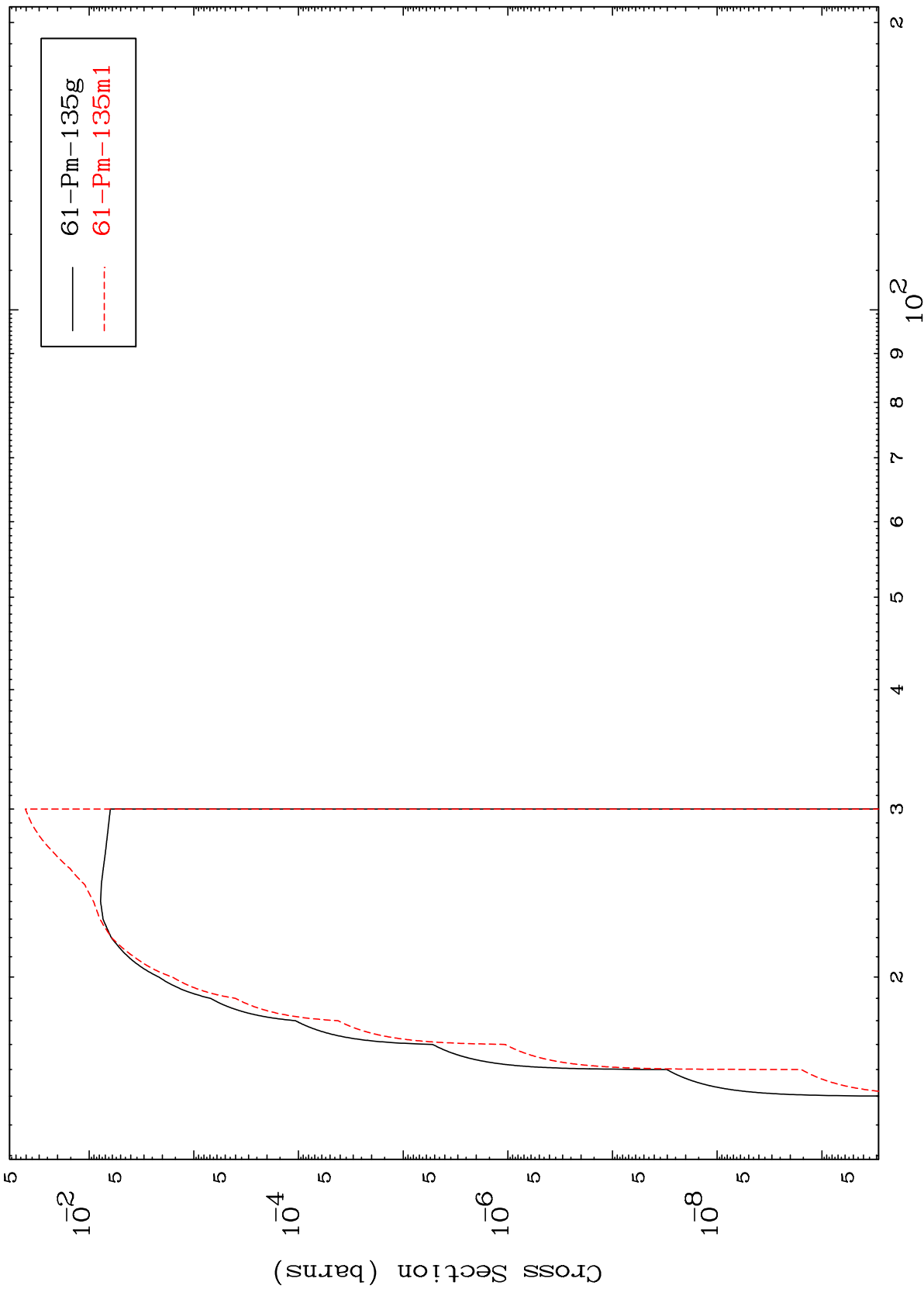
62-Sm-137



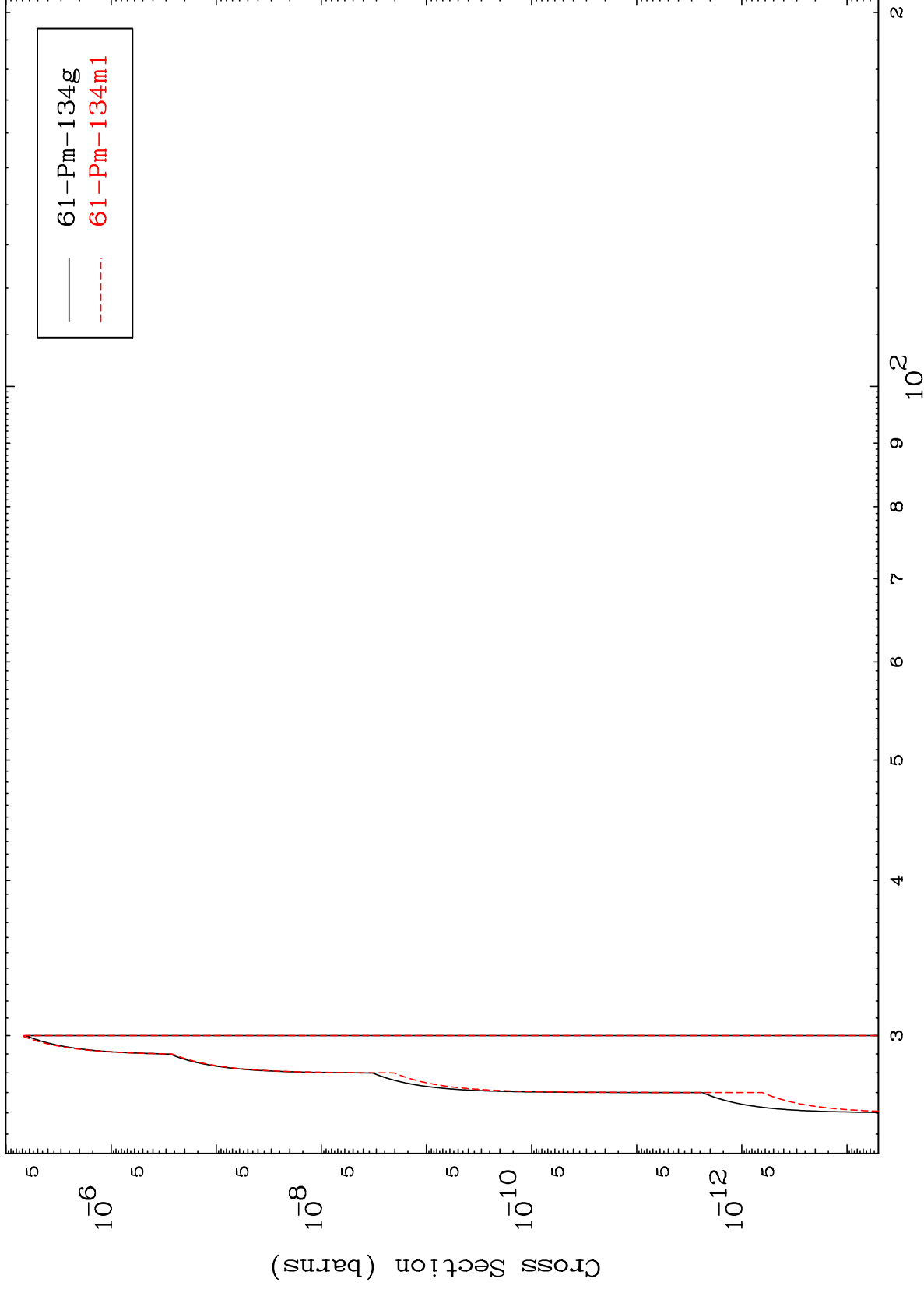
Radionuclide Production Cross Section



Radionuclide Production Cross Section



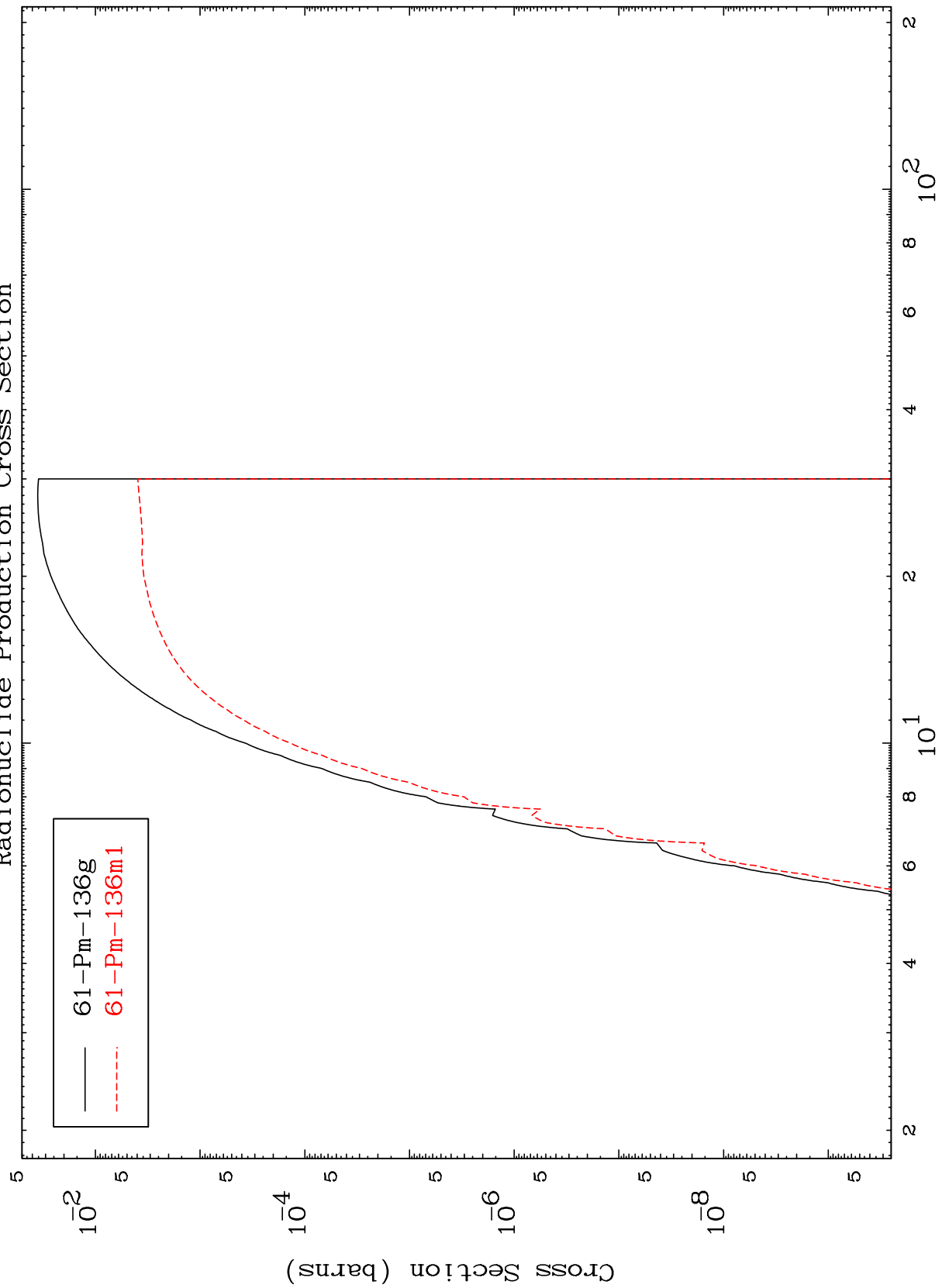
Radionuclide Production Cross Section



MAT 6204

62-Sm-137

(n,d)
Radionuclide Production Cross Section



57

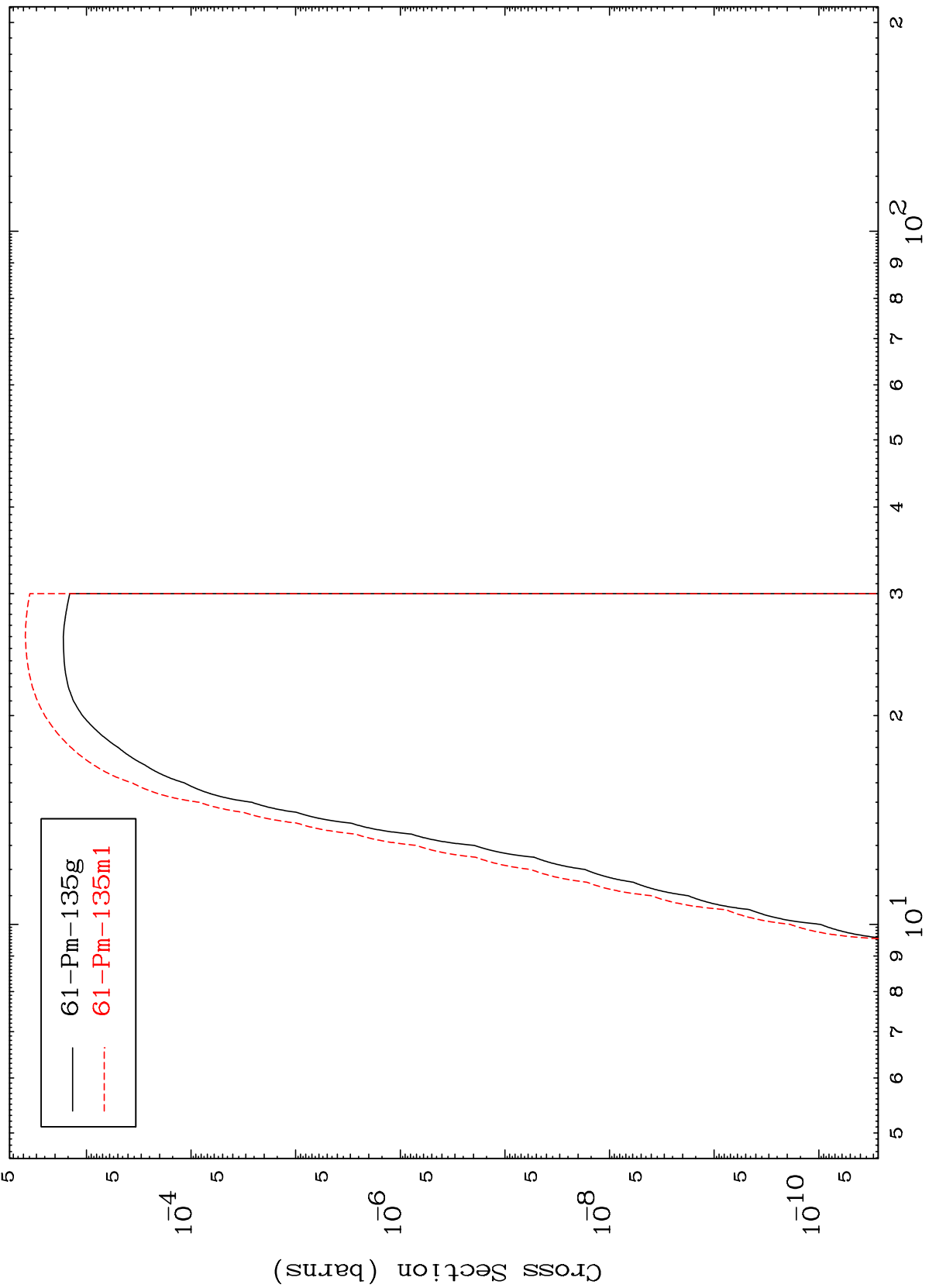
Incident Energy (MeV)

62-Sm-137

MAT 6204

62-Sm-137

(n,t)
Radionuclide Production Cross Section



62-Sm-137

Incident Energy (MeV)

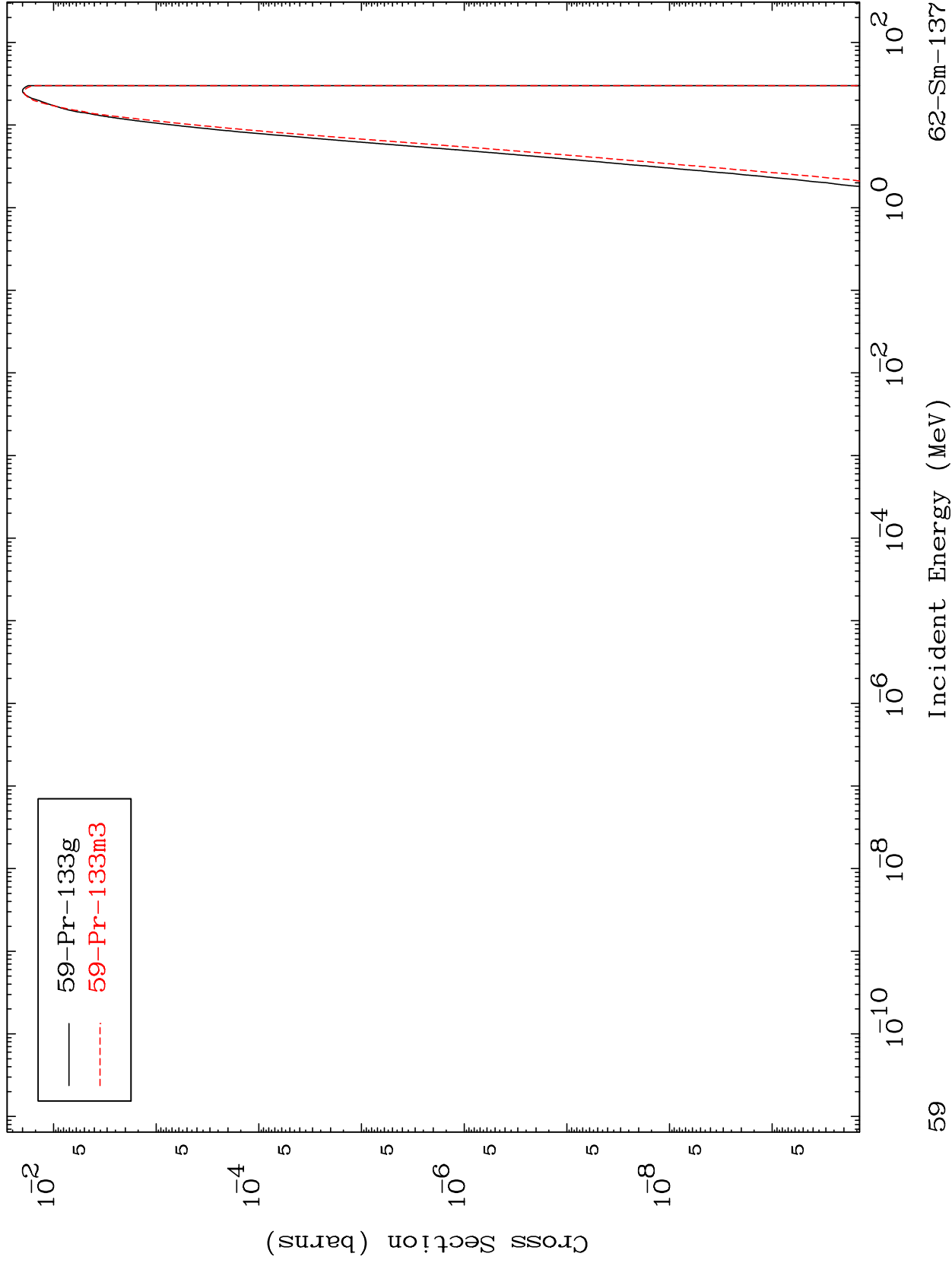
58

MAT 6204

(n,p) α

62-Sm-137

Radionuclide Production Cross Section



59

Incident Energy (MeV)

62-Sm-137