

Program EVALPLOT
(Version 2015-2)

by

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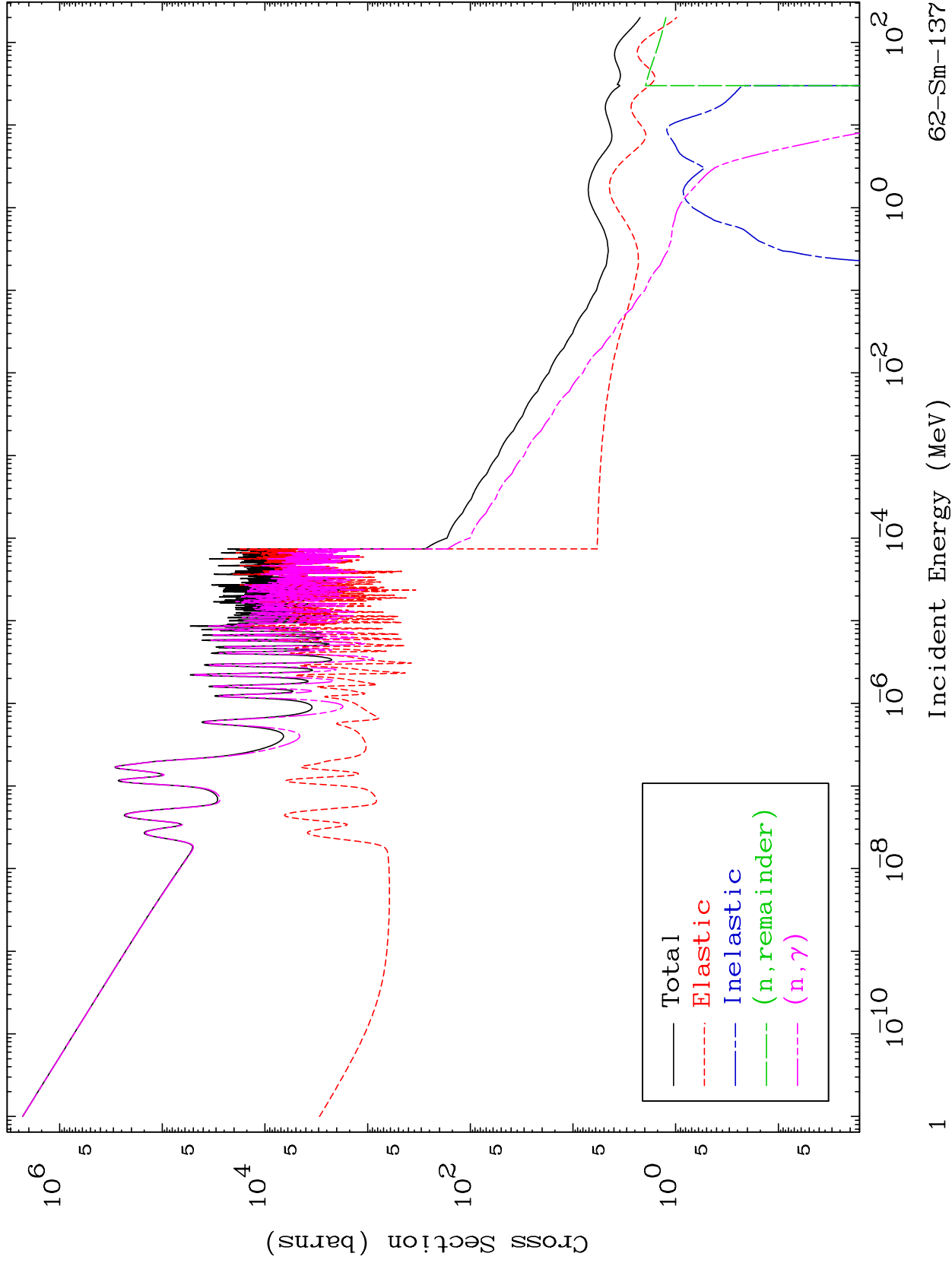
Press Mouse Button to Start

MAT 6204

Major

293 Kelvin Cross Sections

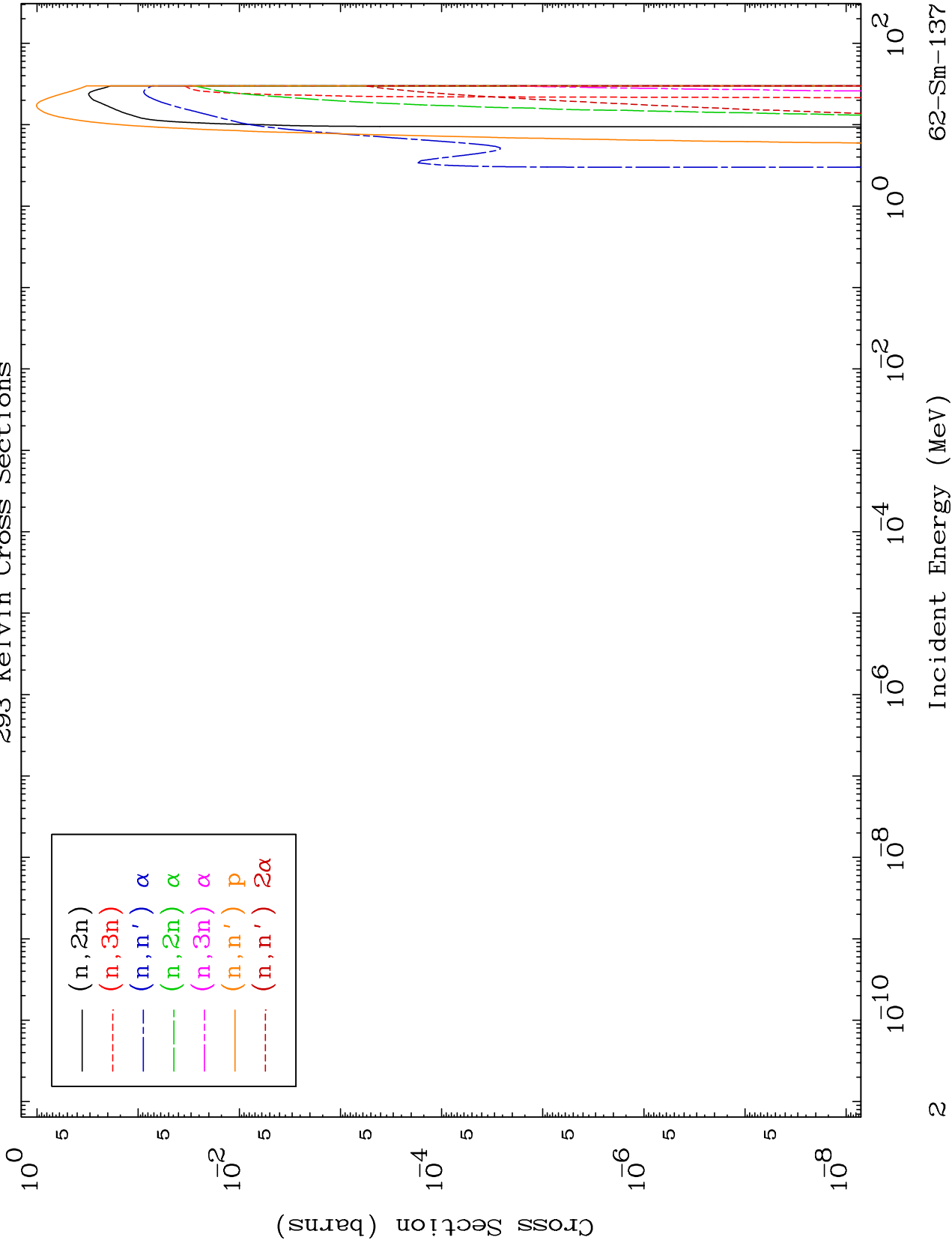
62-Sm-137

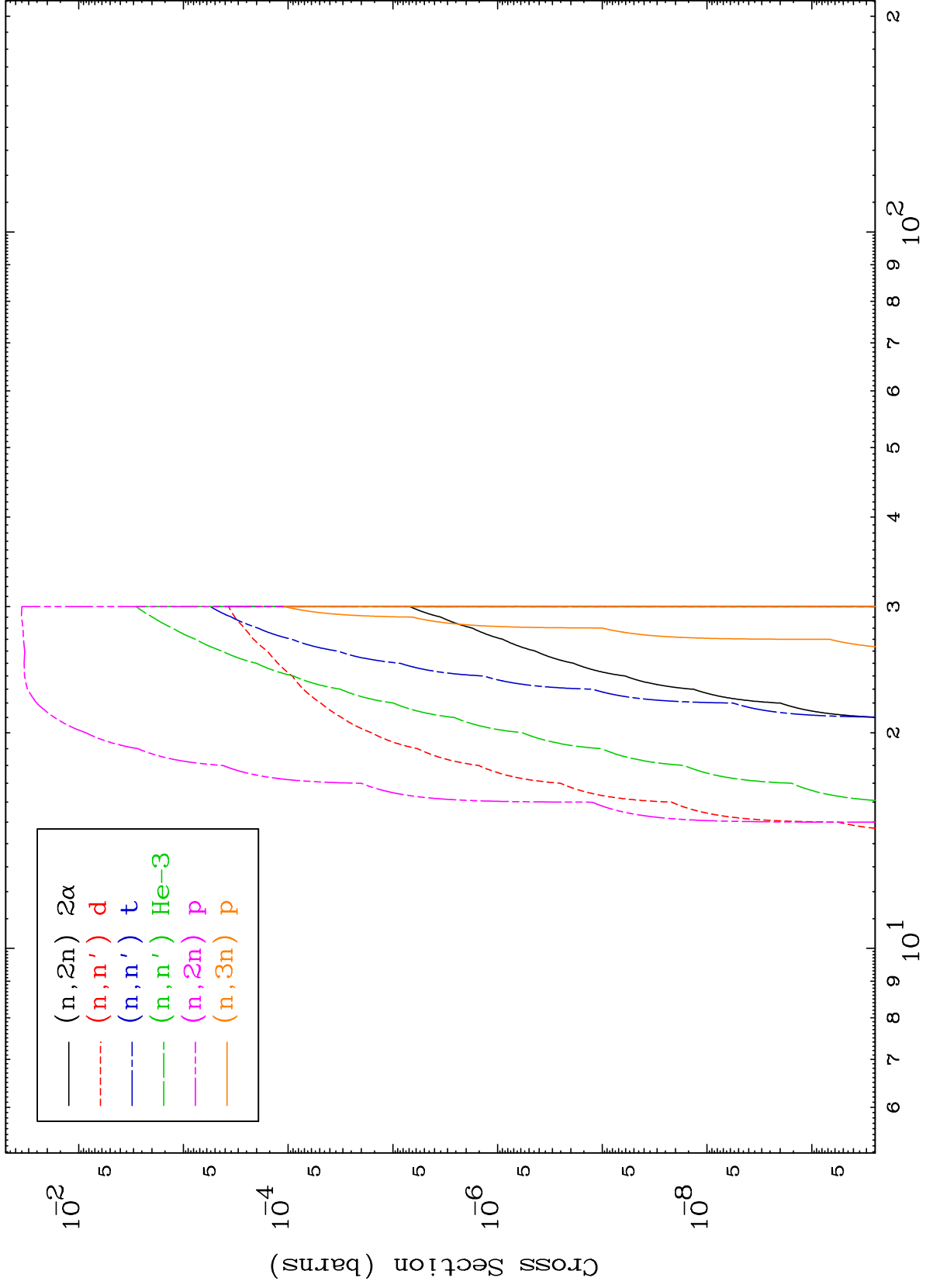


MAT 6204

Neutron Production
293 Kelvin Cross Sections

62-Sm-137

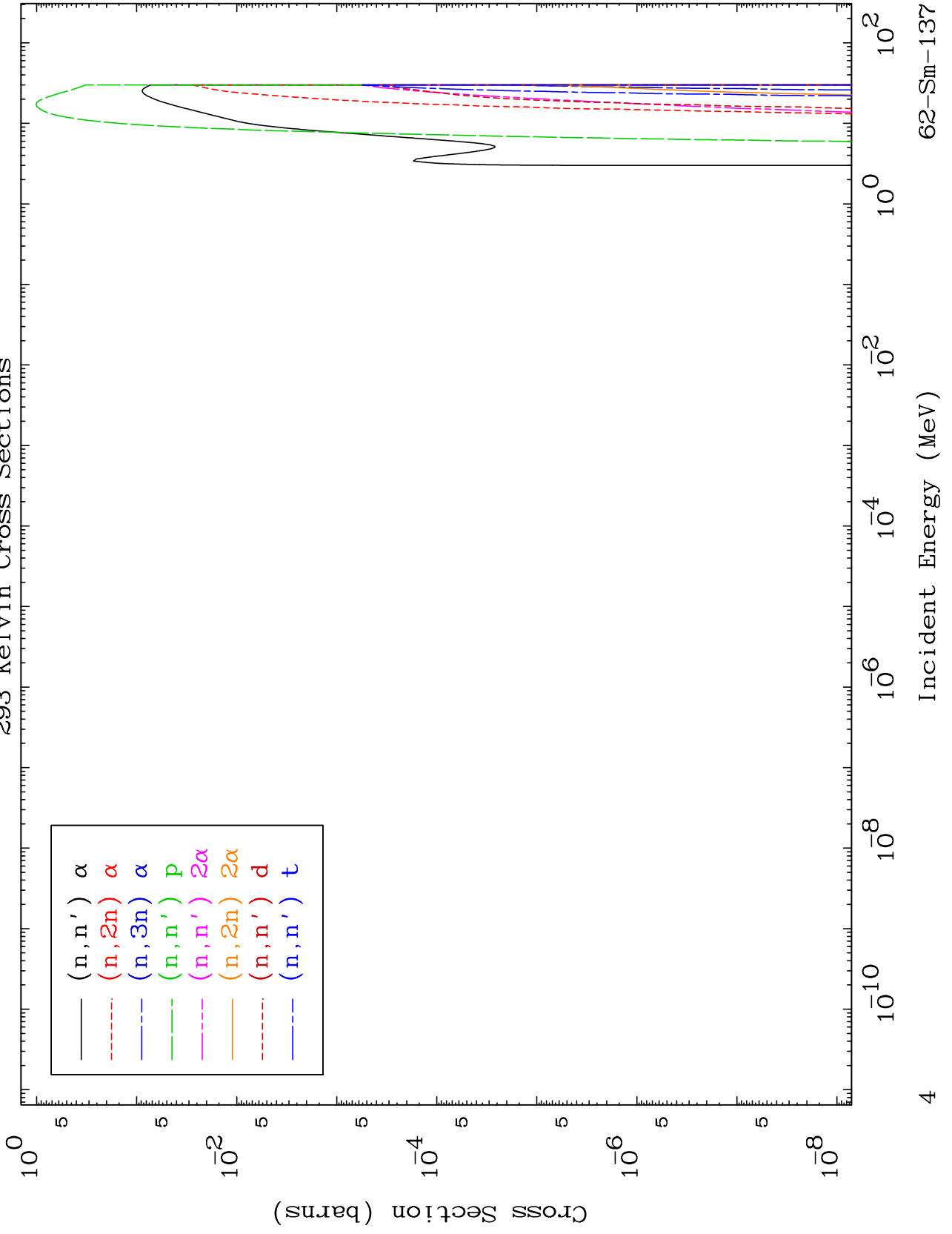




MAT 6204

Charged Particle
293 Kelvin Cross Sections

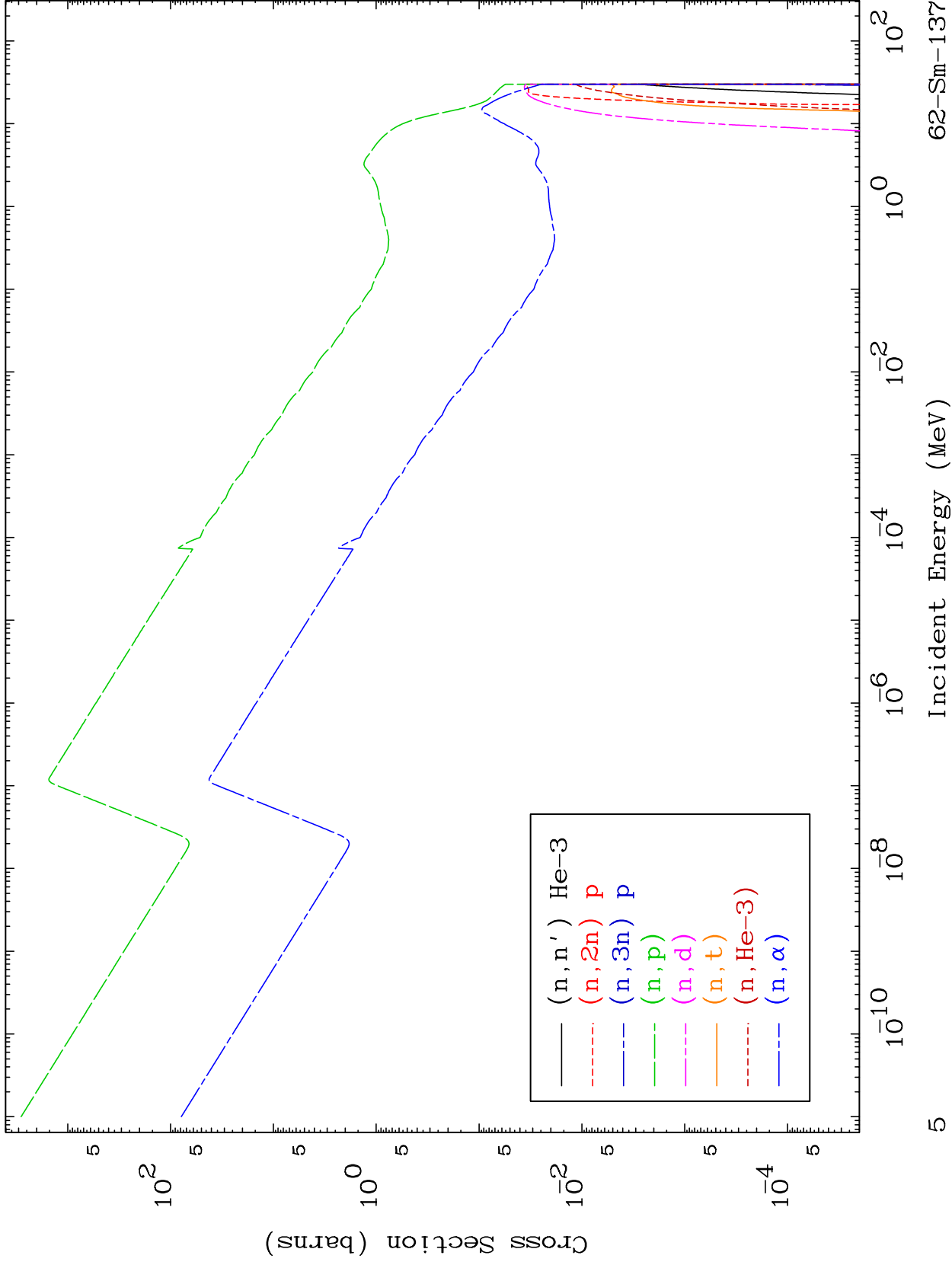
62-Sm-137



MAT 6204

Charged Particle
293 Kelvin Cross Sections

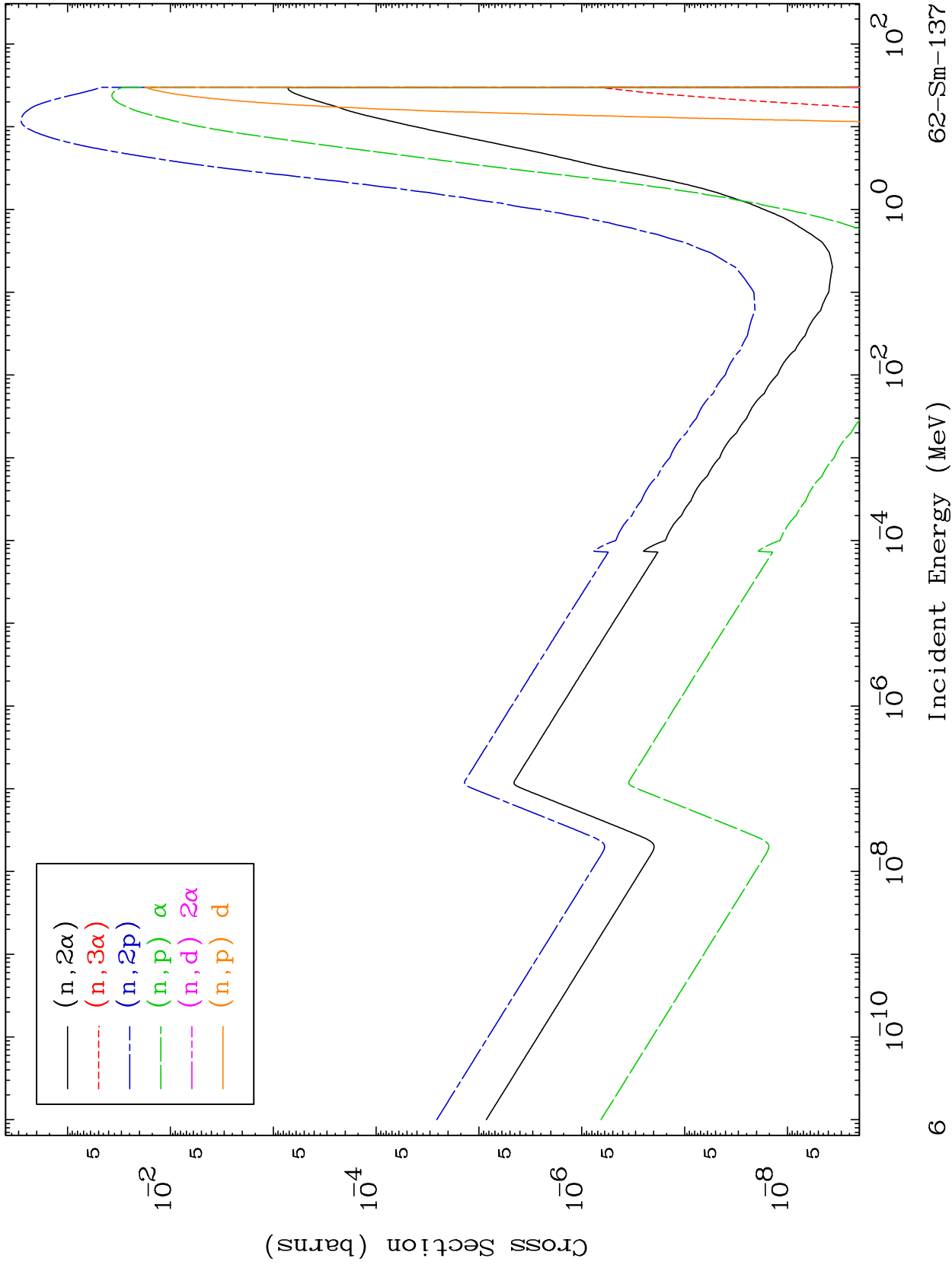
62-Sm-137



MAT 6204

Charged Particle
293 Kelvin Cross Sections

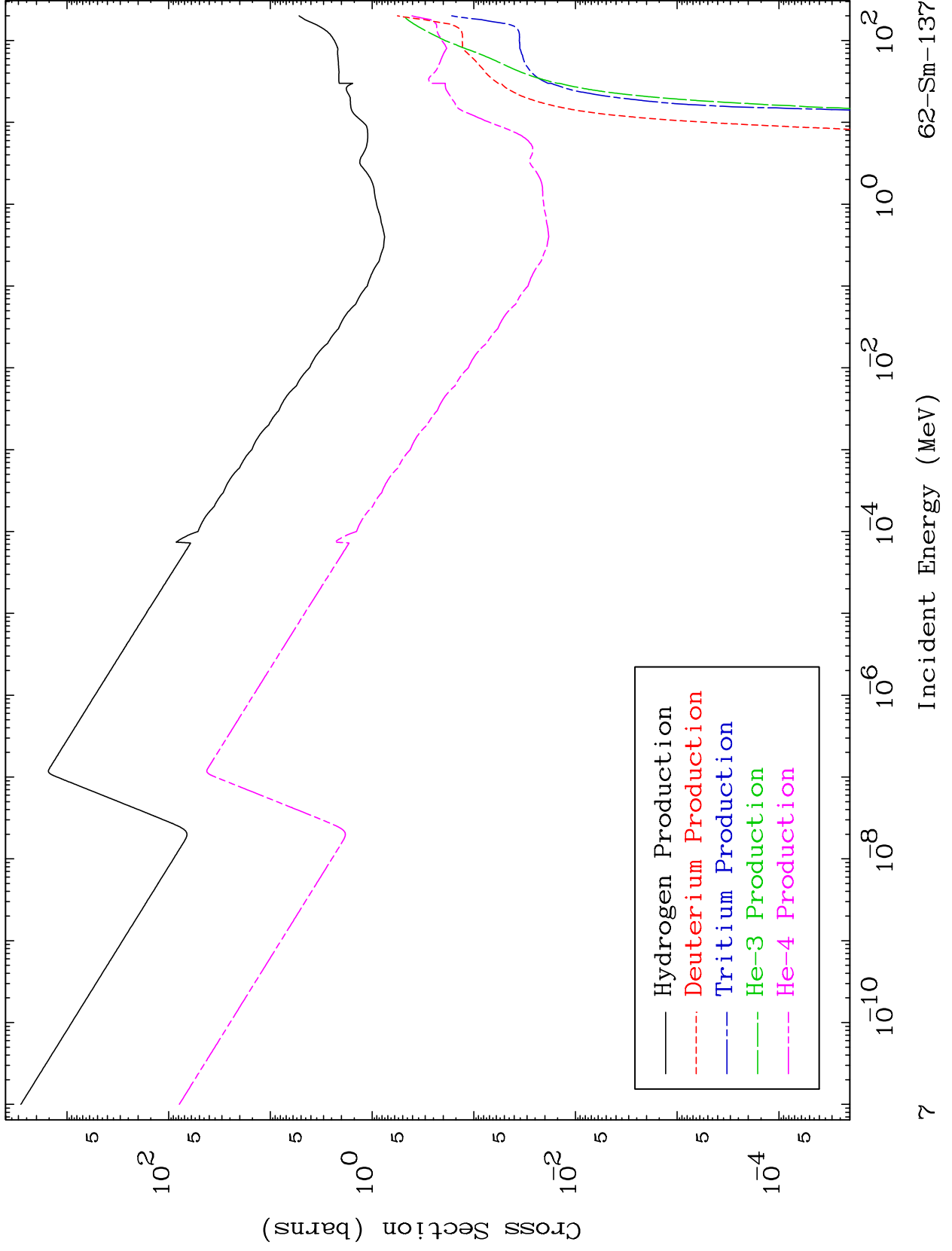
62-Sm-137



MAT 6204

Particle Production
293 Kelvin Cross Sections

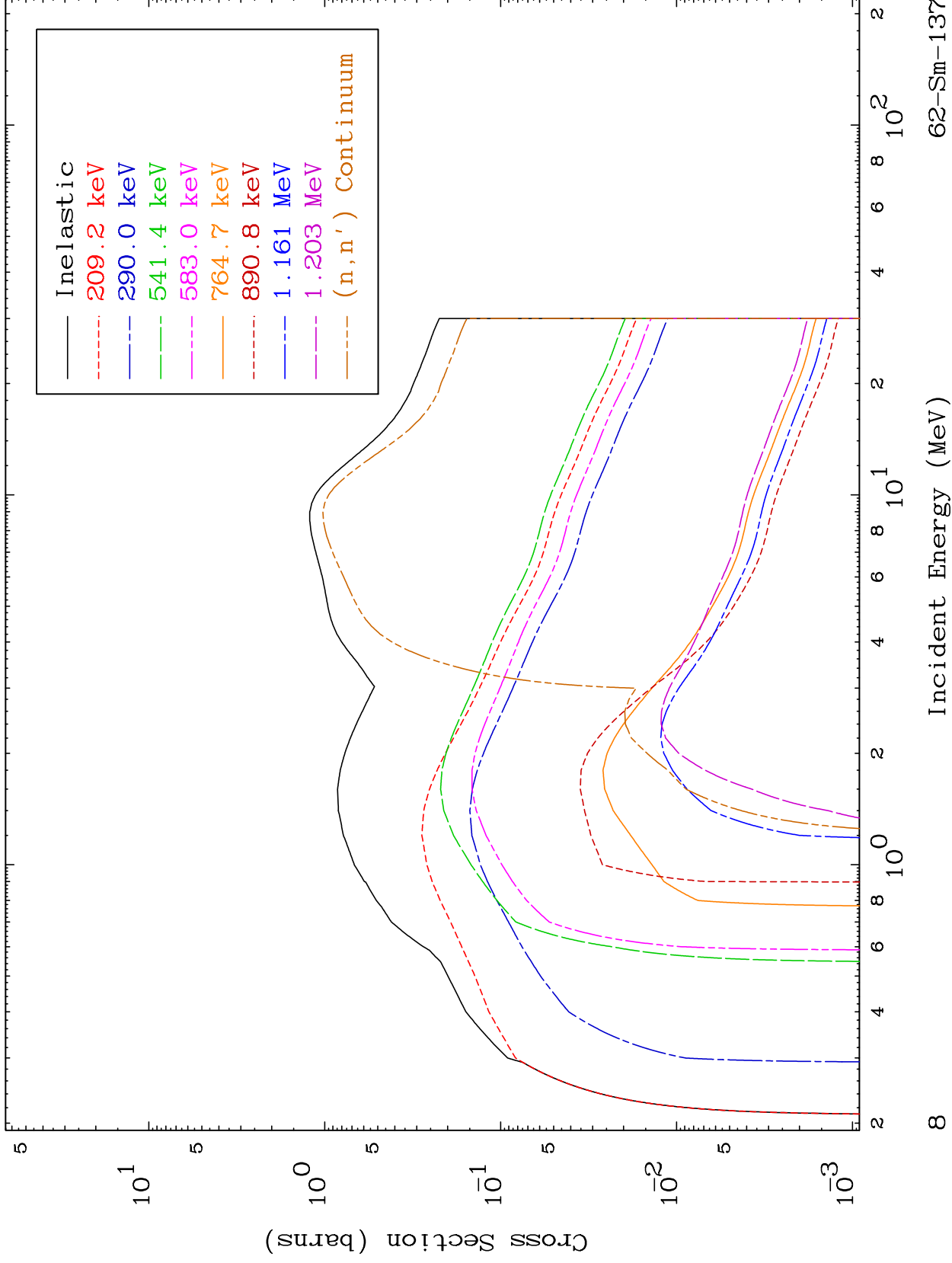
62-Sm-137



MAT 6204

(n,n') Level
293 Kelvin Cross Sections

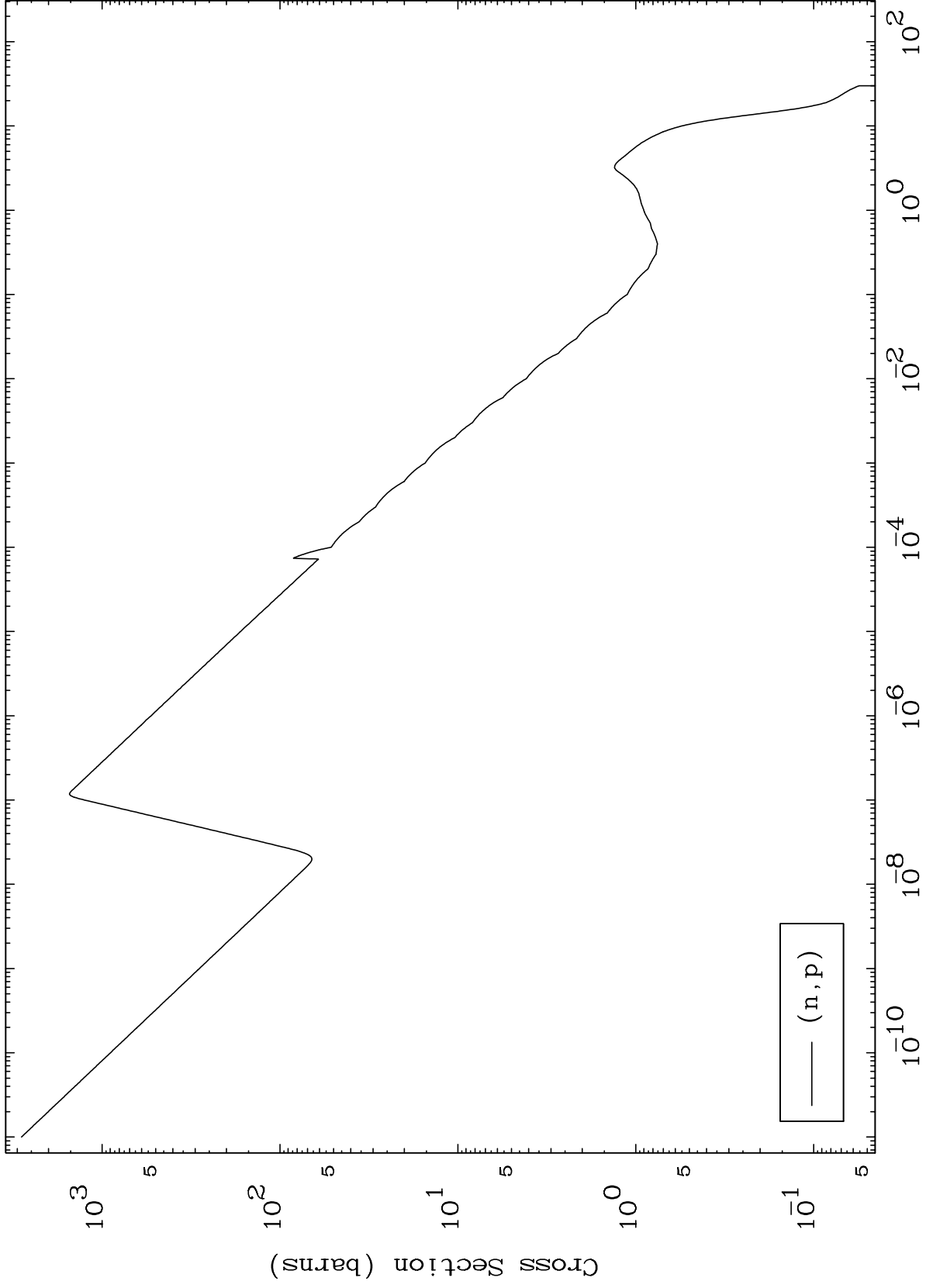
62-Sm-137



MAT 6204

(n,p) Levels
293 Kelvin Cross Sections

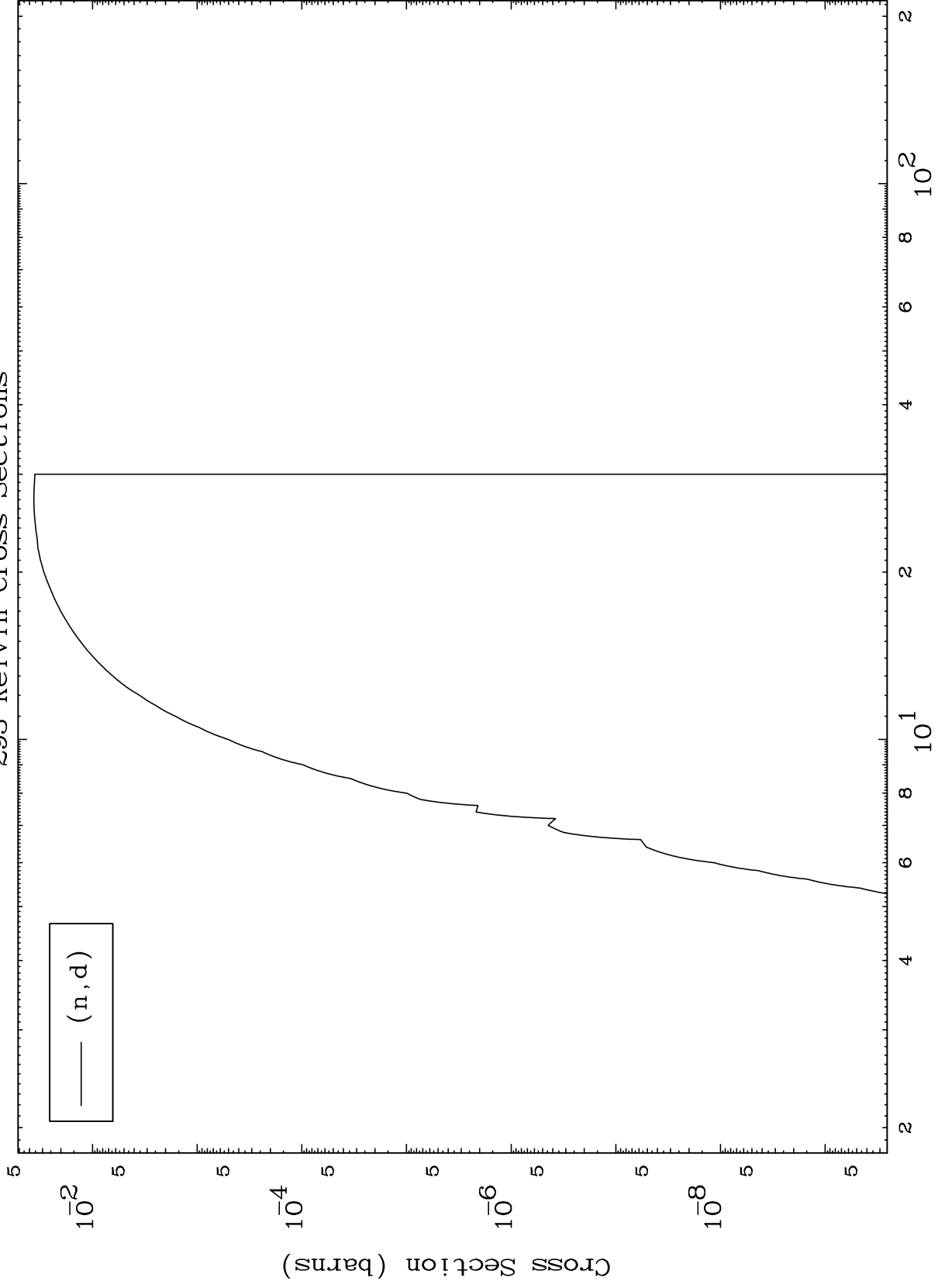
62-Sm-137



MAT 6204

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-137



10

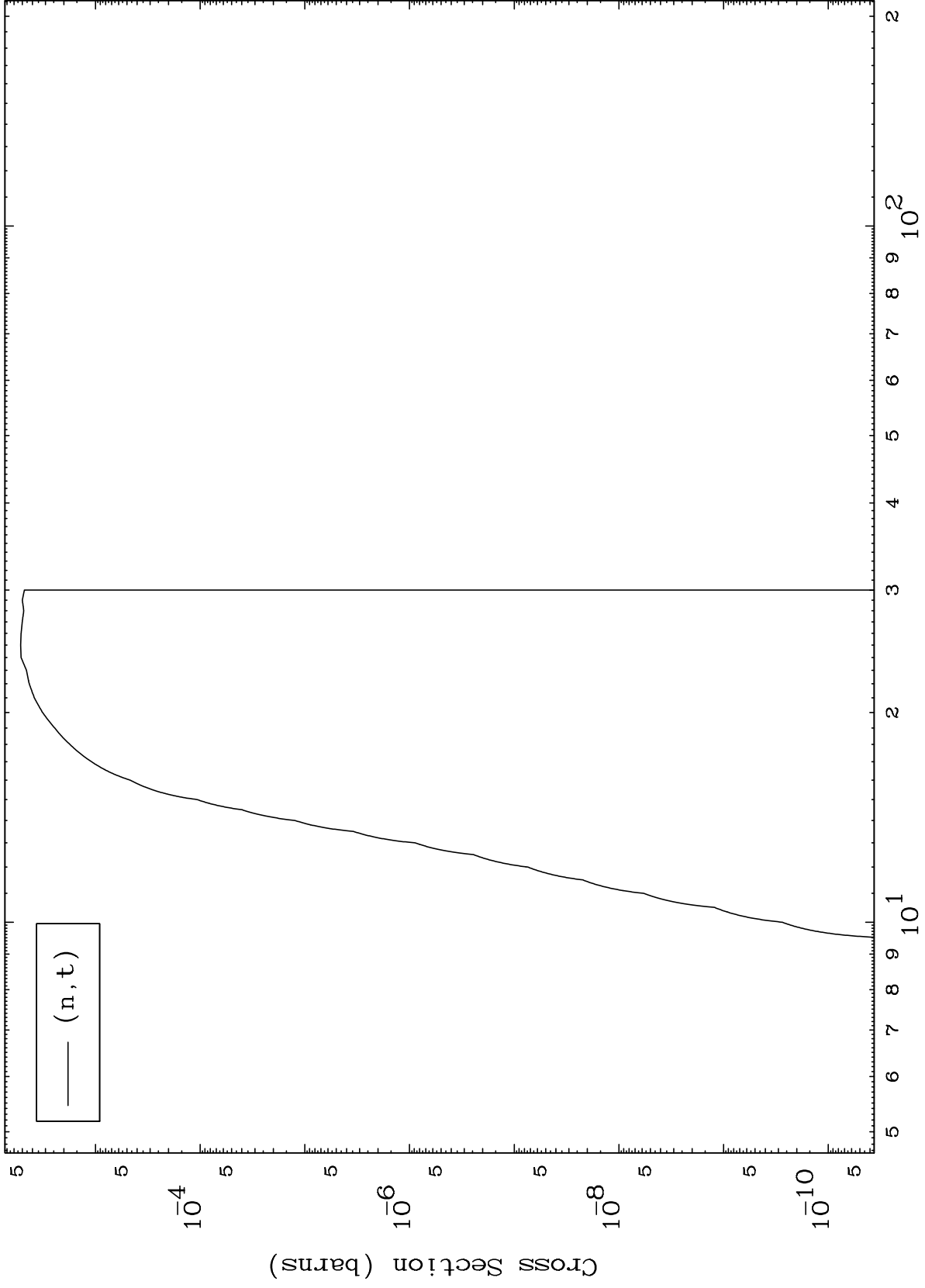
Incident Energy (MeV)

62-Sm-137

MAT 6204

(n,t) Levels
293 Kelvin Cross Sections

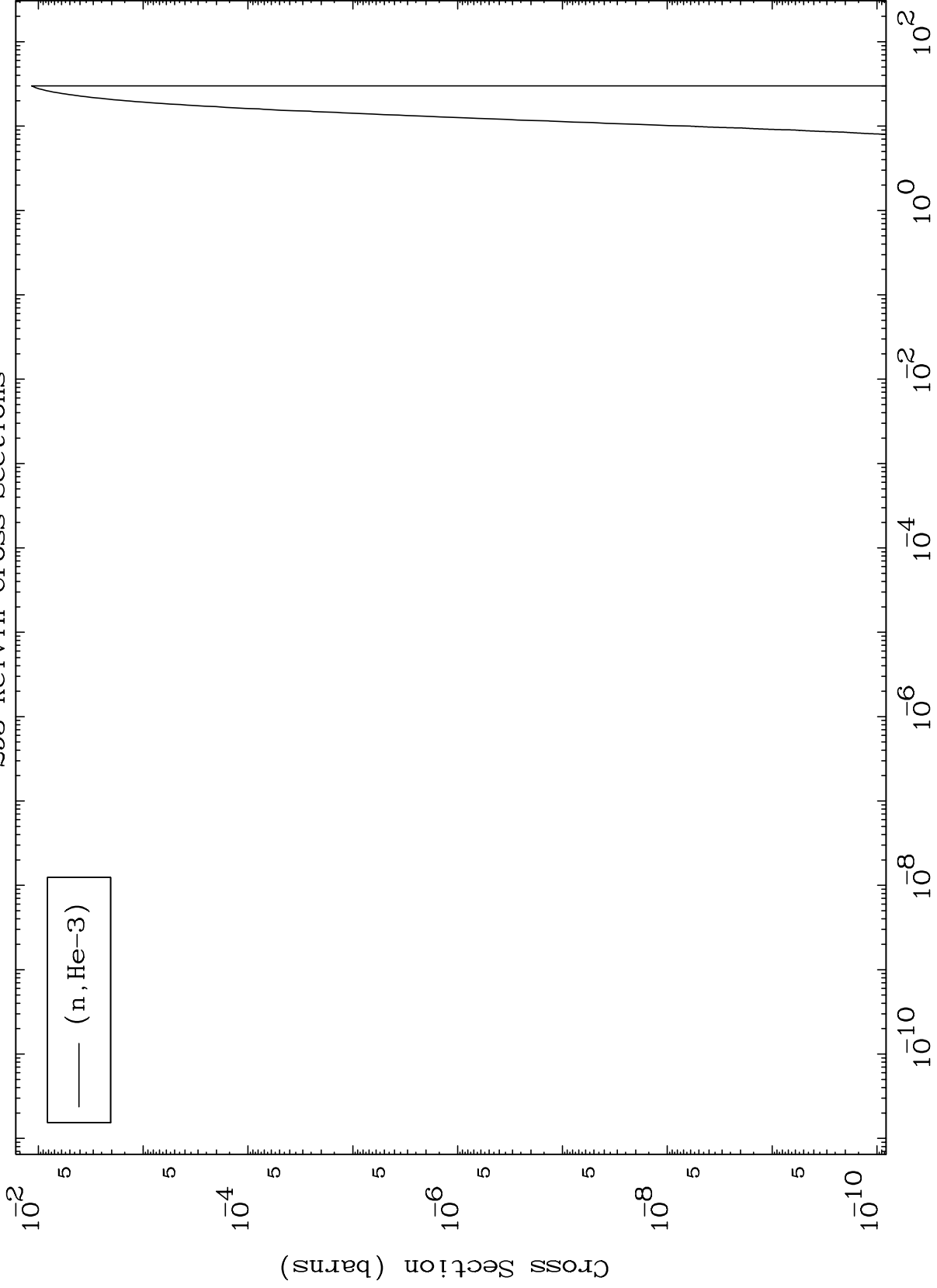
62-Sm-137



MAT 6204

(n,He3) Levels
293 Kelvin Cross Sections

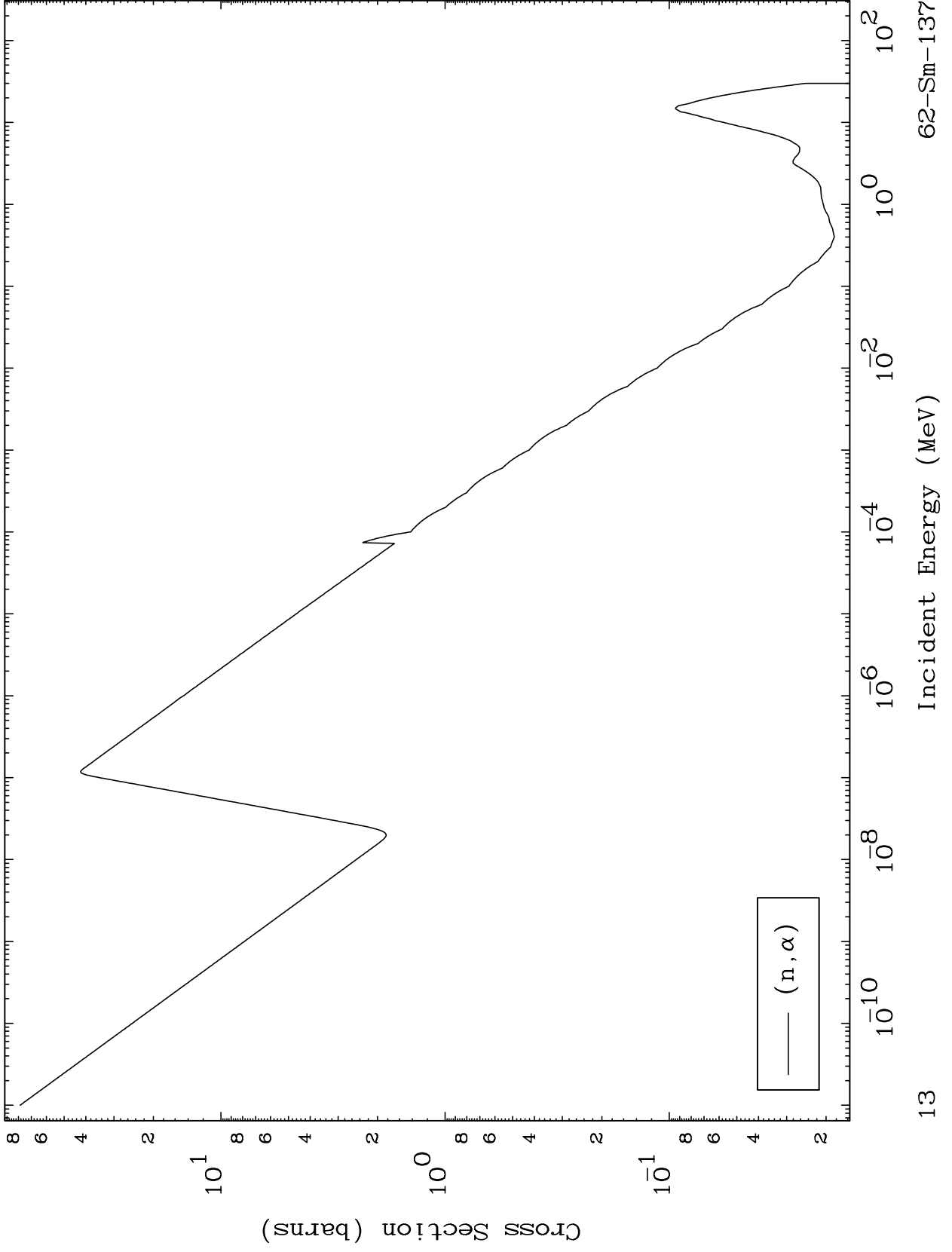
62-Sm-137

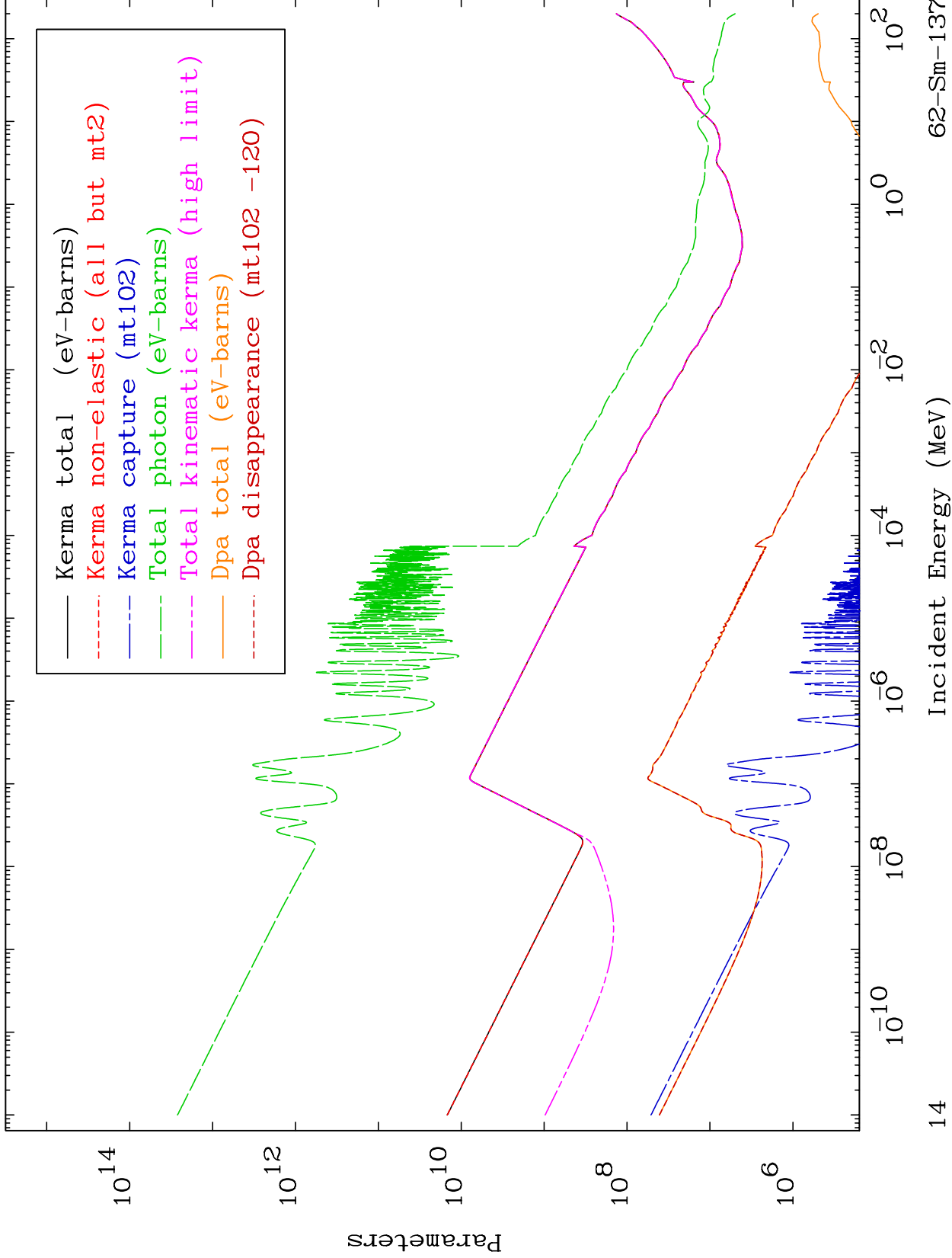


MAT 6204

(n,α) Levels
293 Kelvin Cross Sections

62-Sm-137

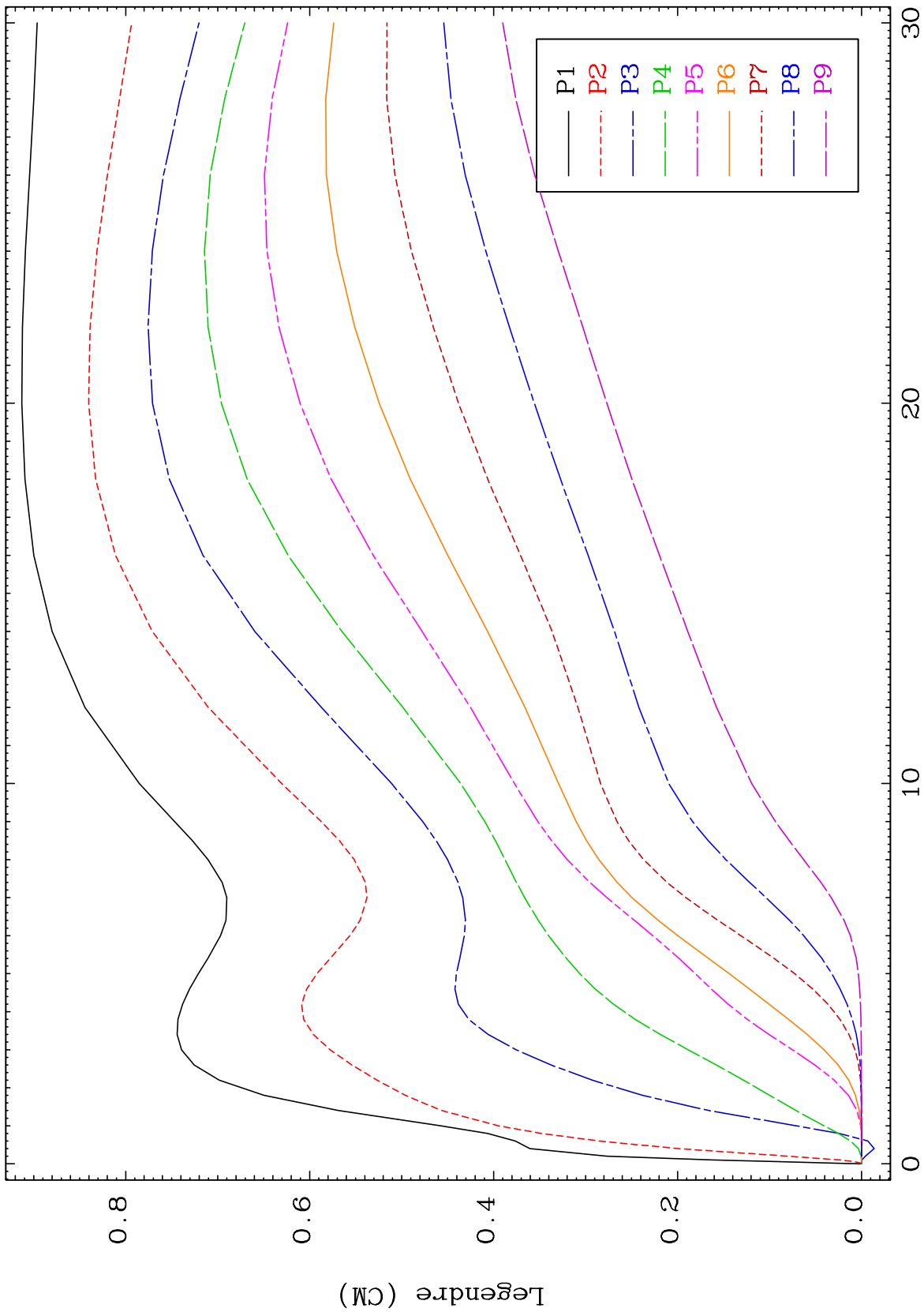




MAT 6204

Elastic Legendre Coefficients

62-Sm-137



15

Incident Energy (MeV)

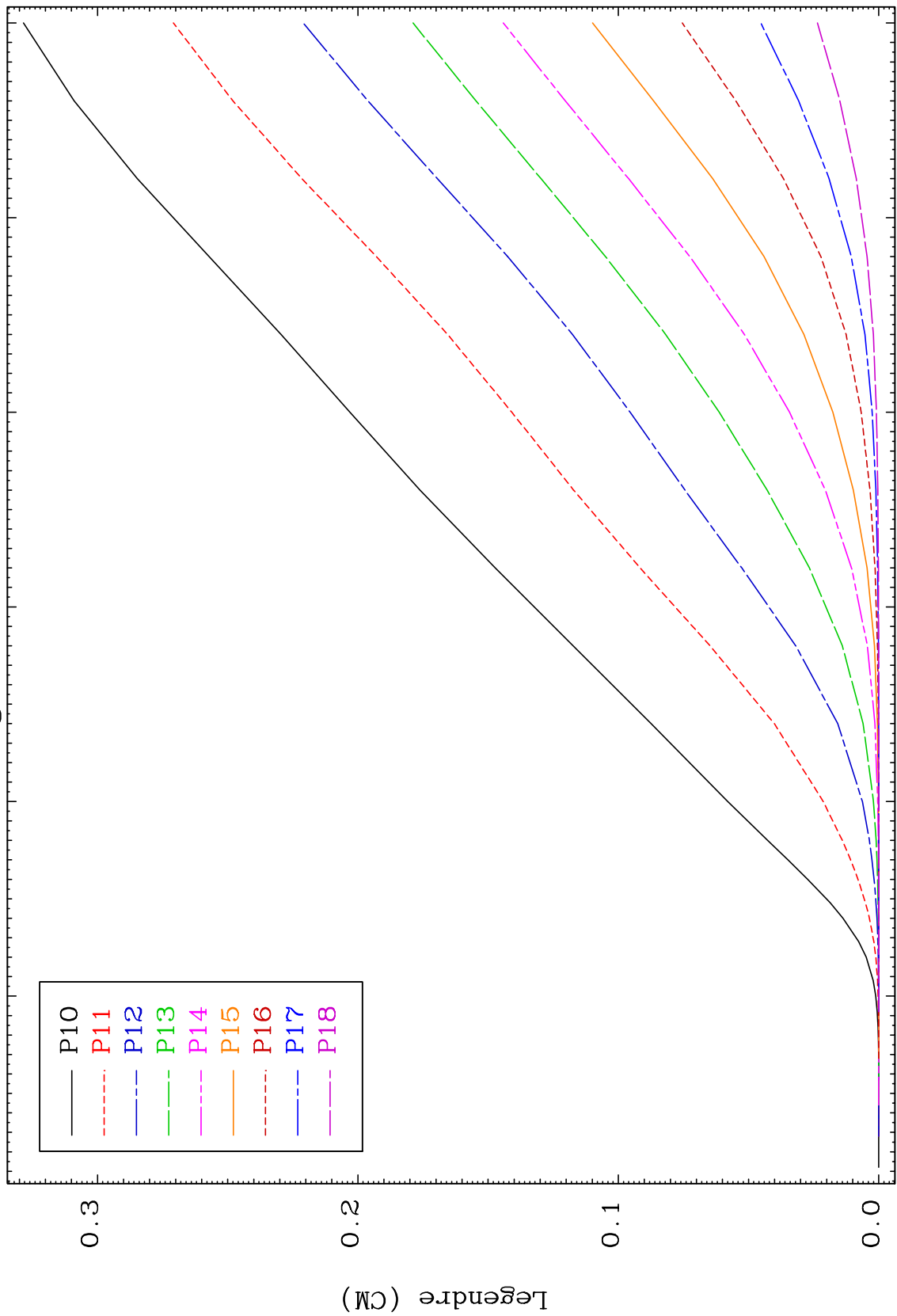
62-Sm-137

30

MAT 6204

Elastic Legendre Coefficients

62-Sm-137



16

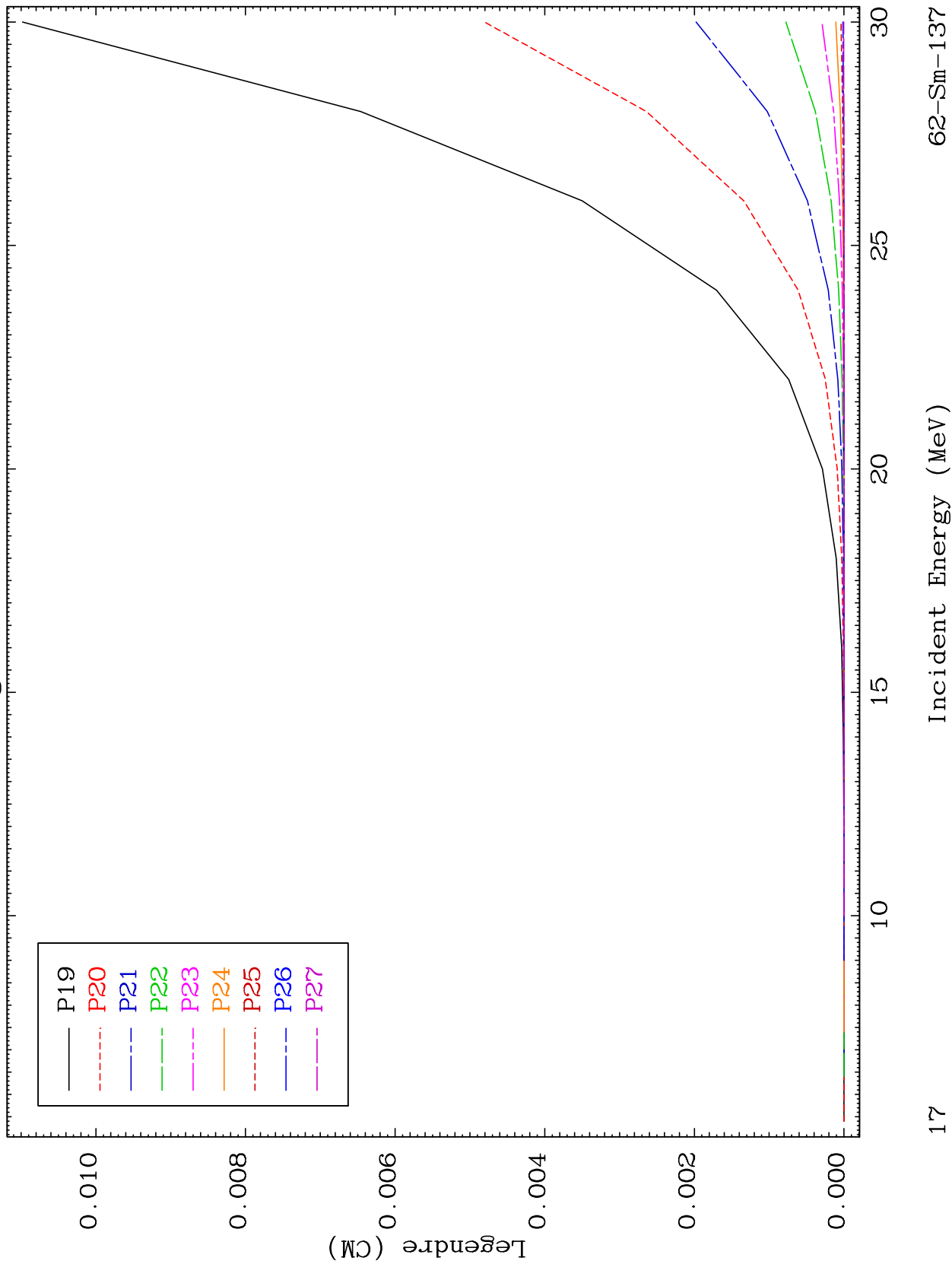
Incident Energy (MeV)

62-Sm-137

MAT 6204

Elastic Legendre Coefficients

62-Sm-137



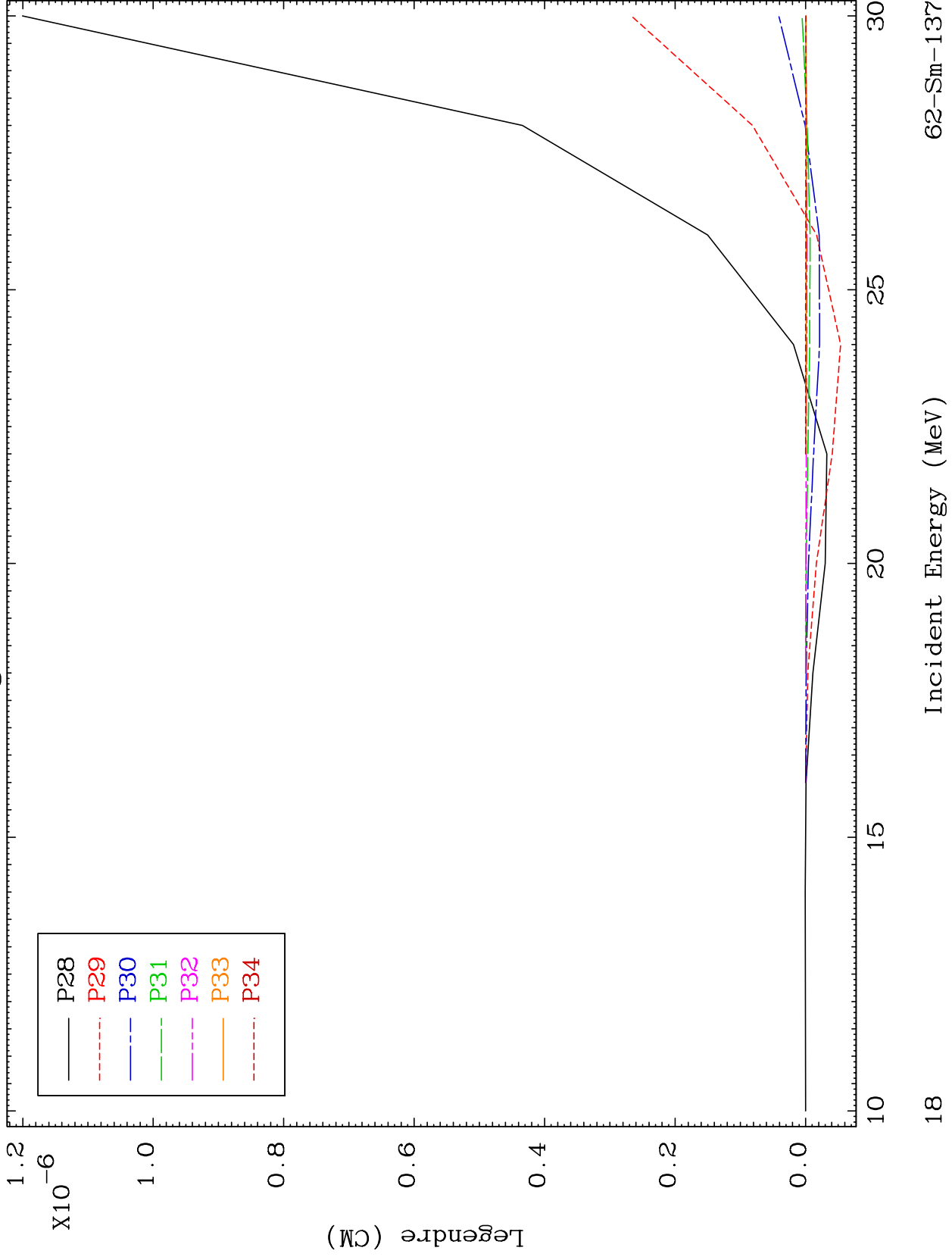
17

62-Sm-137

MAT 6204

Elastic Legendre Coefficients

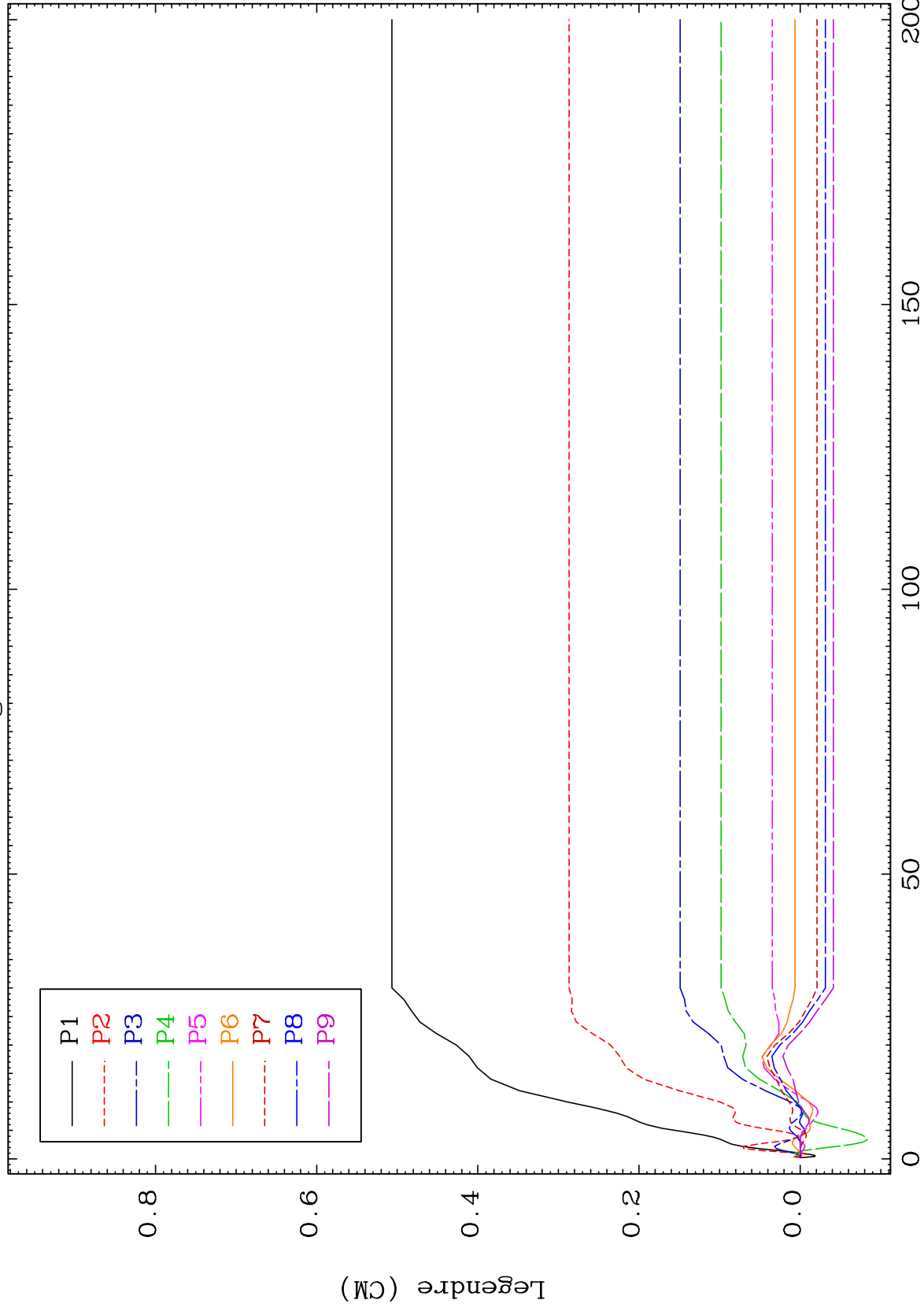
⁶²Sm-137



MAT 6204

209.2 keV (n,n') Level
Legendre Coefficients

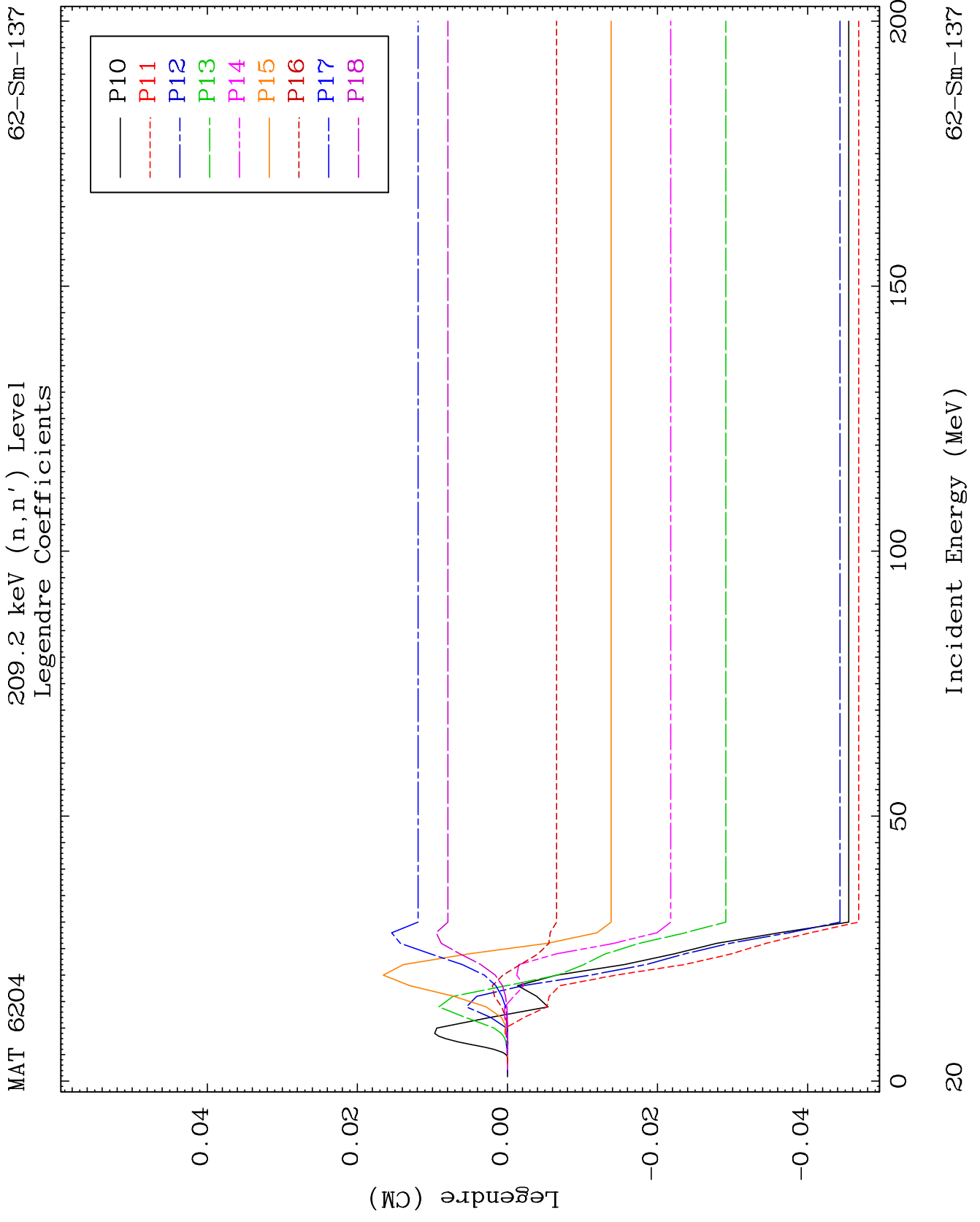
62-Sm-137

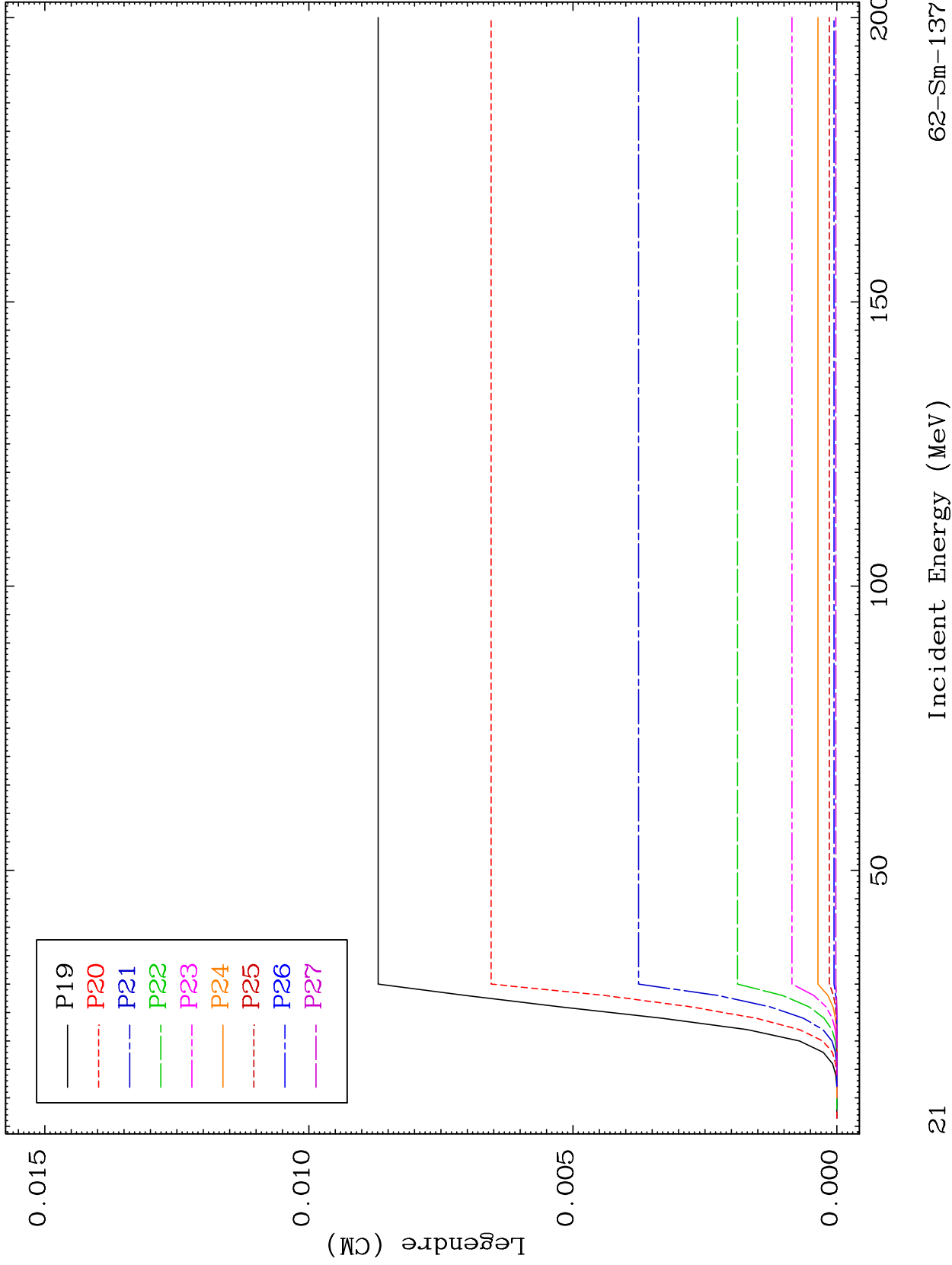


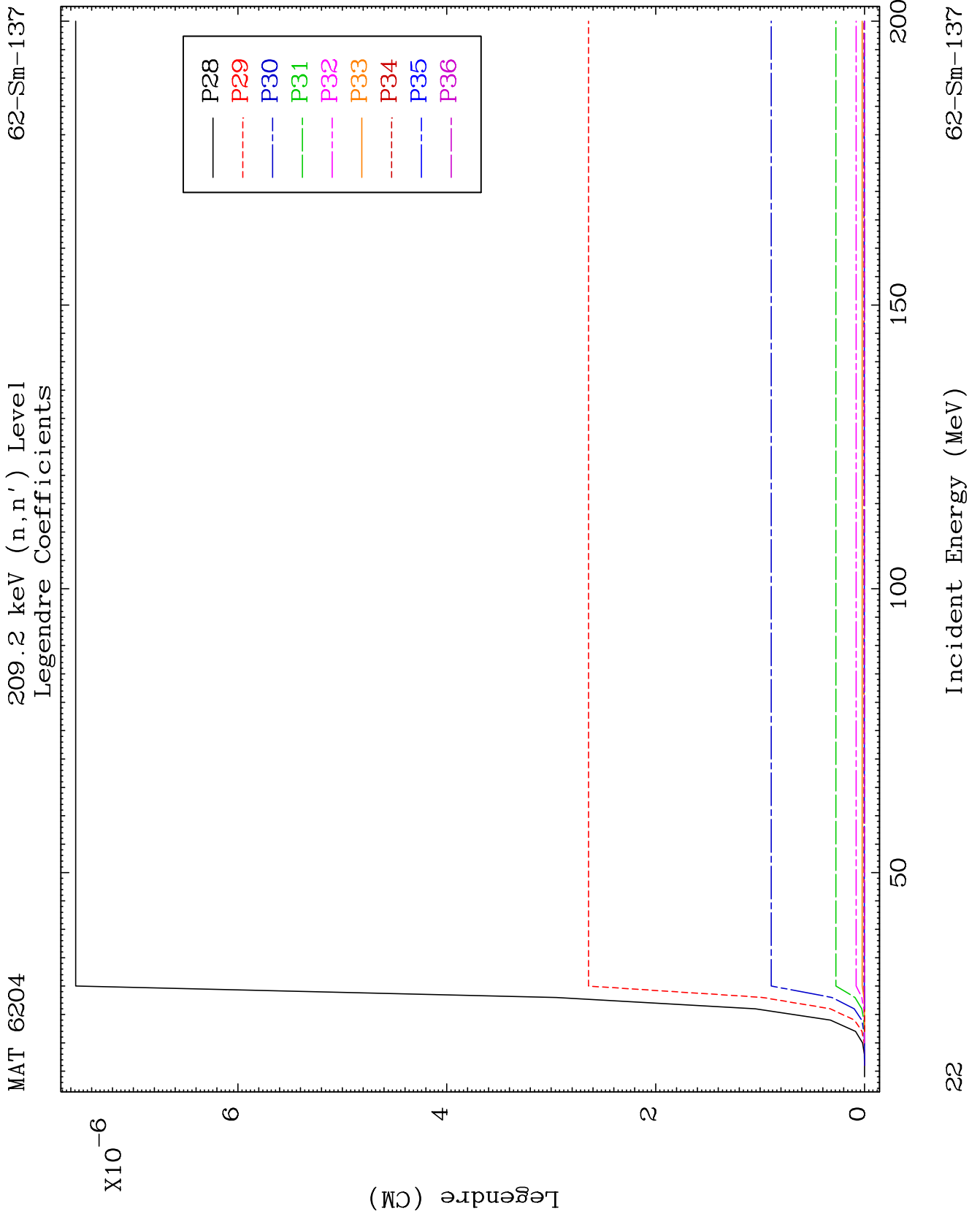
19

Incident Energy (MeV)

62-Sm-137



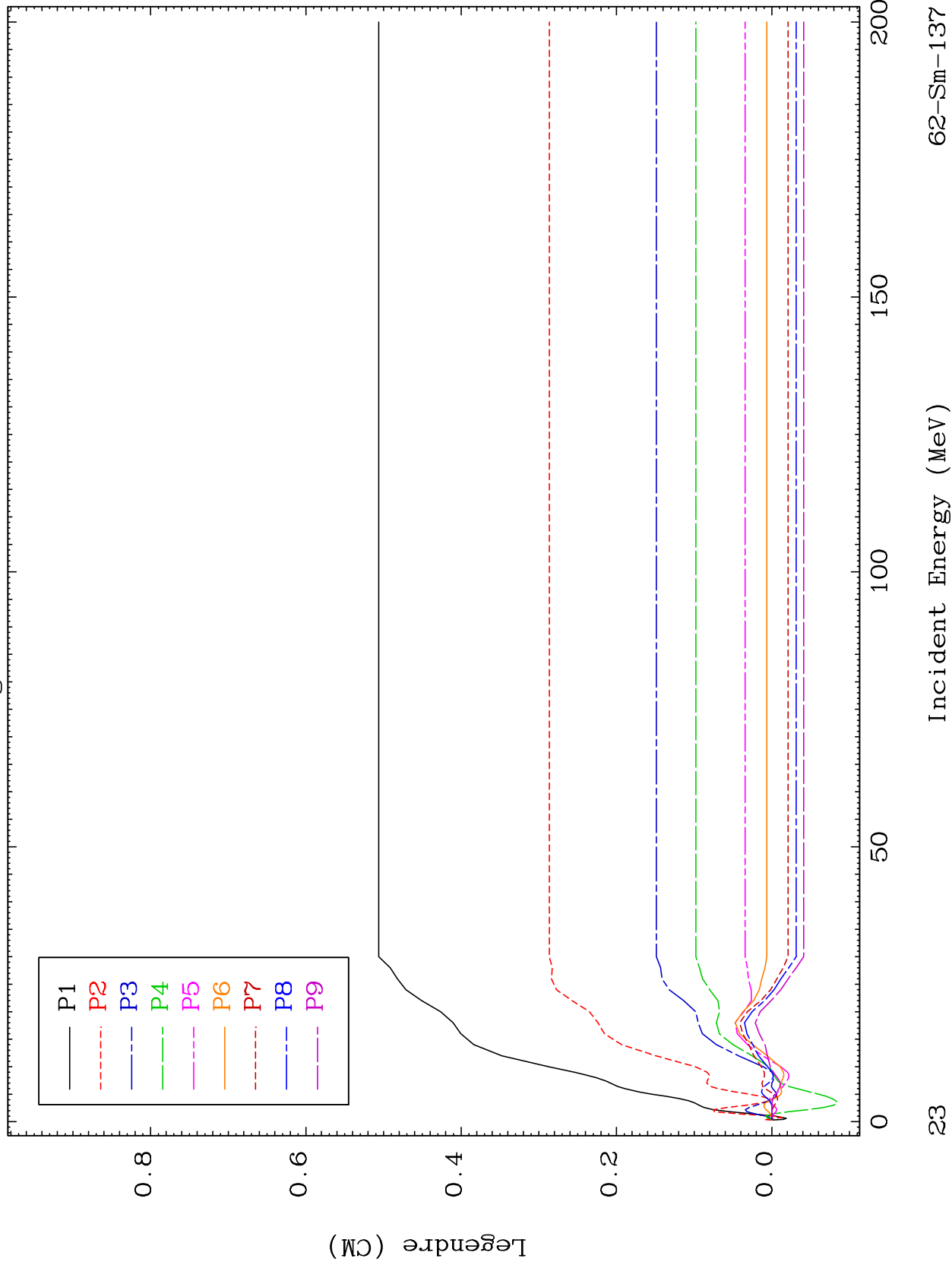




MAT 6204

290.0 keV (n,n') Level
Legendre Coefficients

62-Sm-137



62-Sm-137

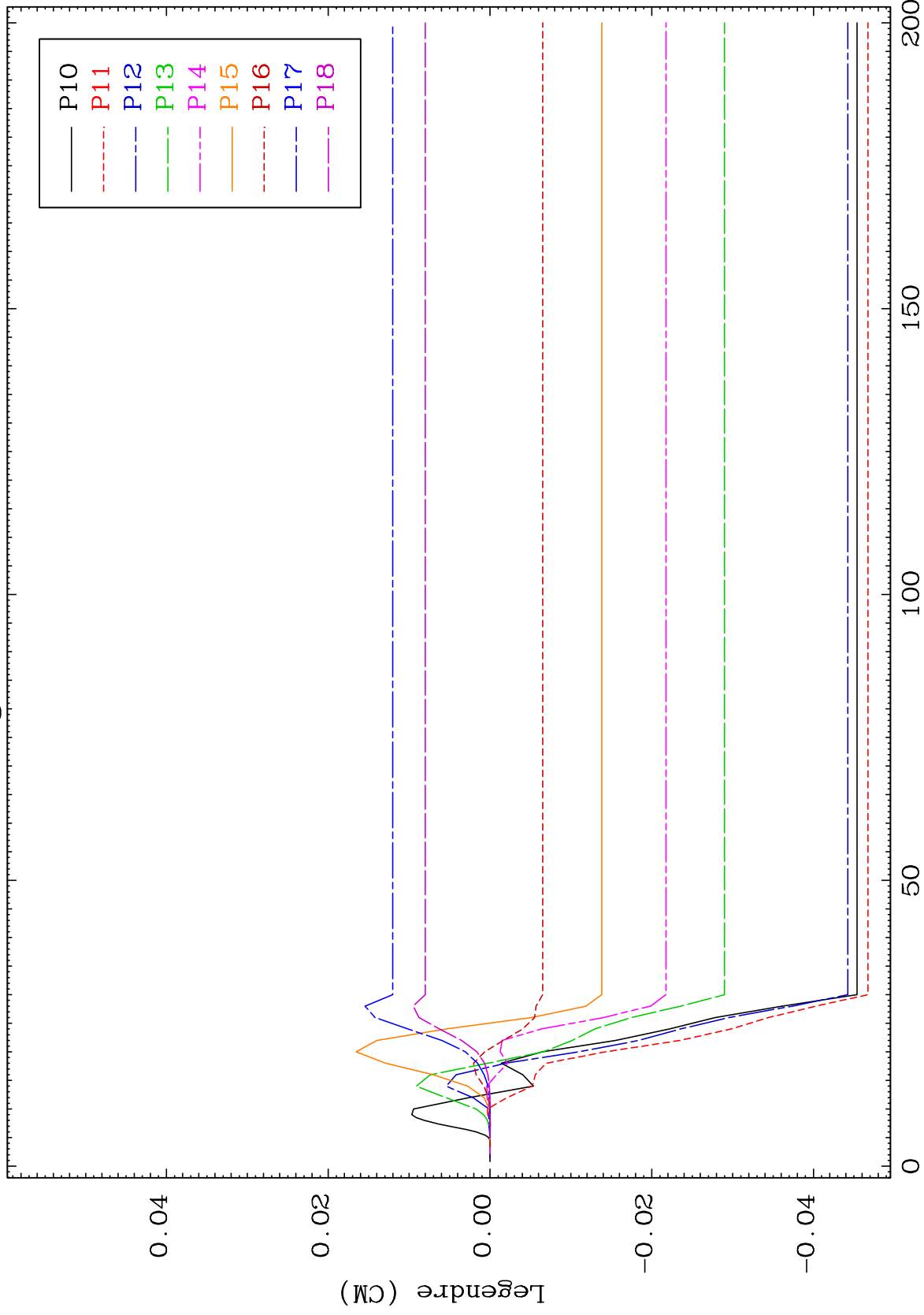
Incident Energy (MeV)

23

MAT 6204

290.0 keV (n,n') Level
Legendre Coefficients

62-Sm-137



24

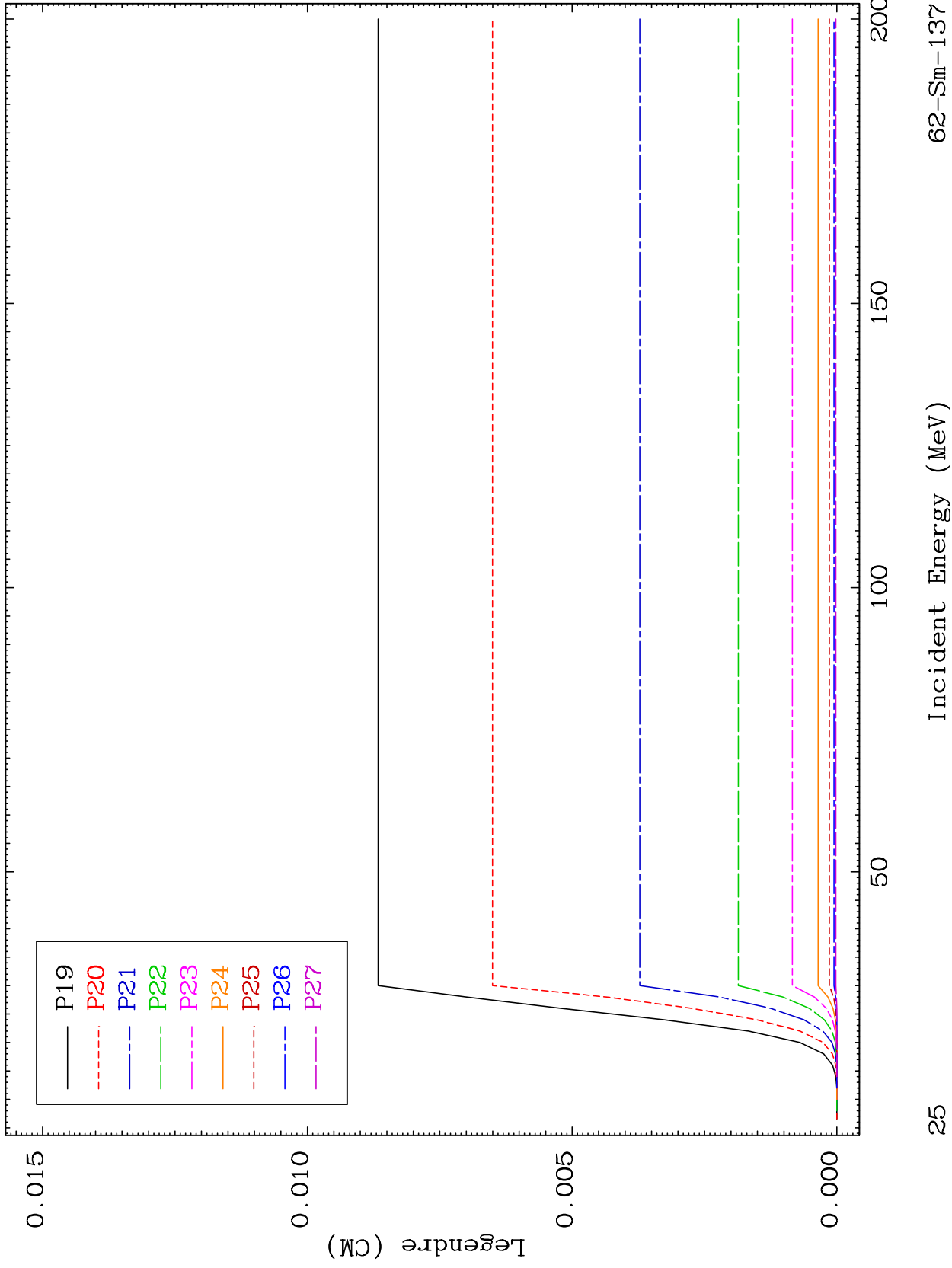
Incident Energy (MeV)

62-Sm-137

MAT 6204

290.0 keV (n,n') Level
Legendre Coefficients

62-Sm-137



25

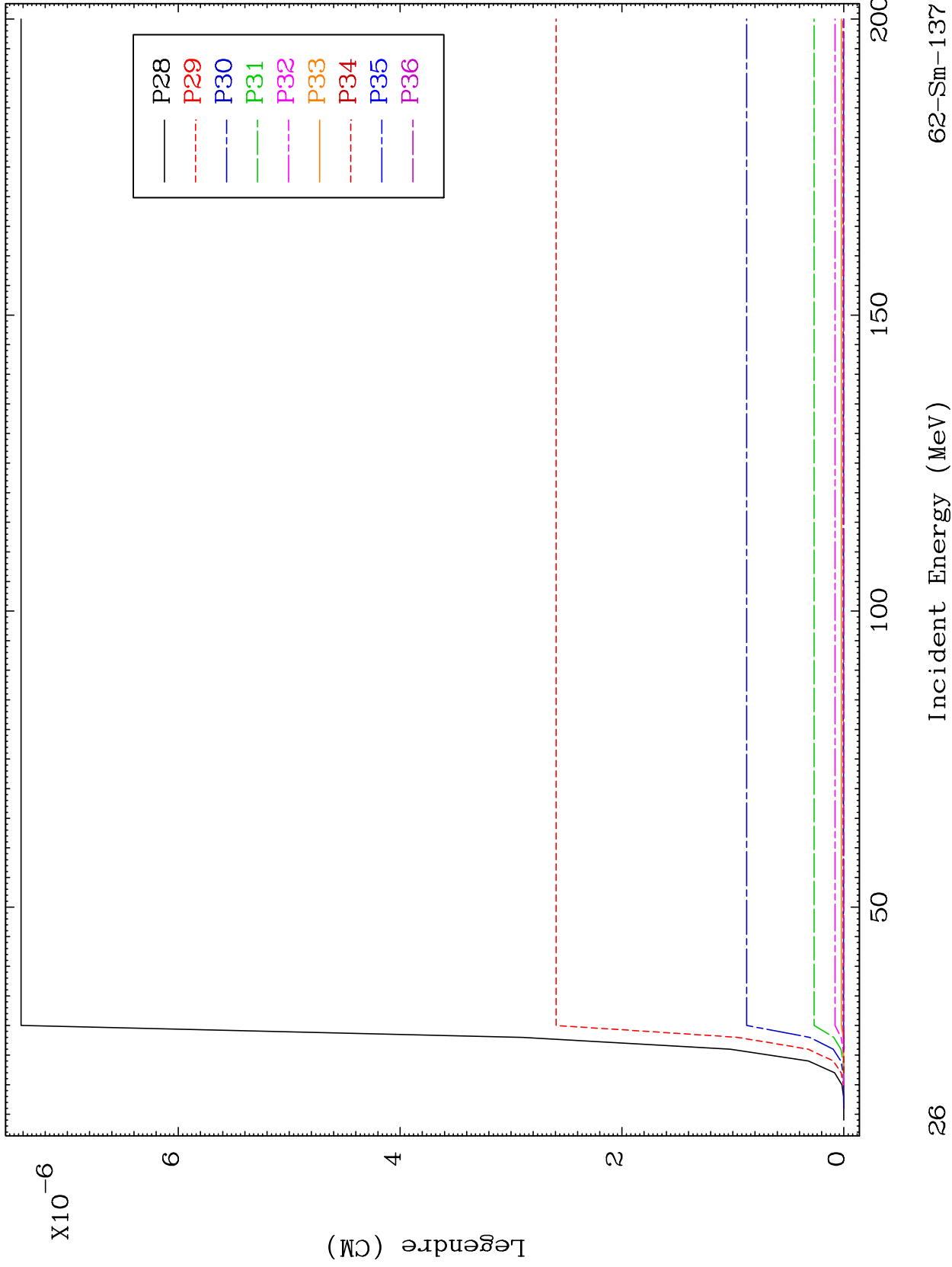
Incident Energy (MeV)

62-Sm-137

MAT 6204

290.0 keV (n,n') Level
Legendre Coefficients

62-Sm-137



26

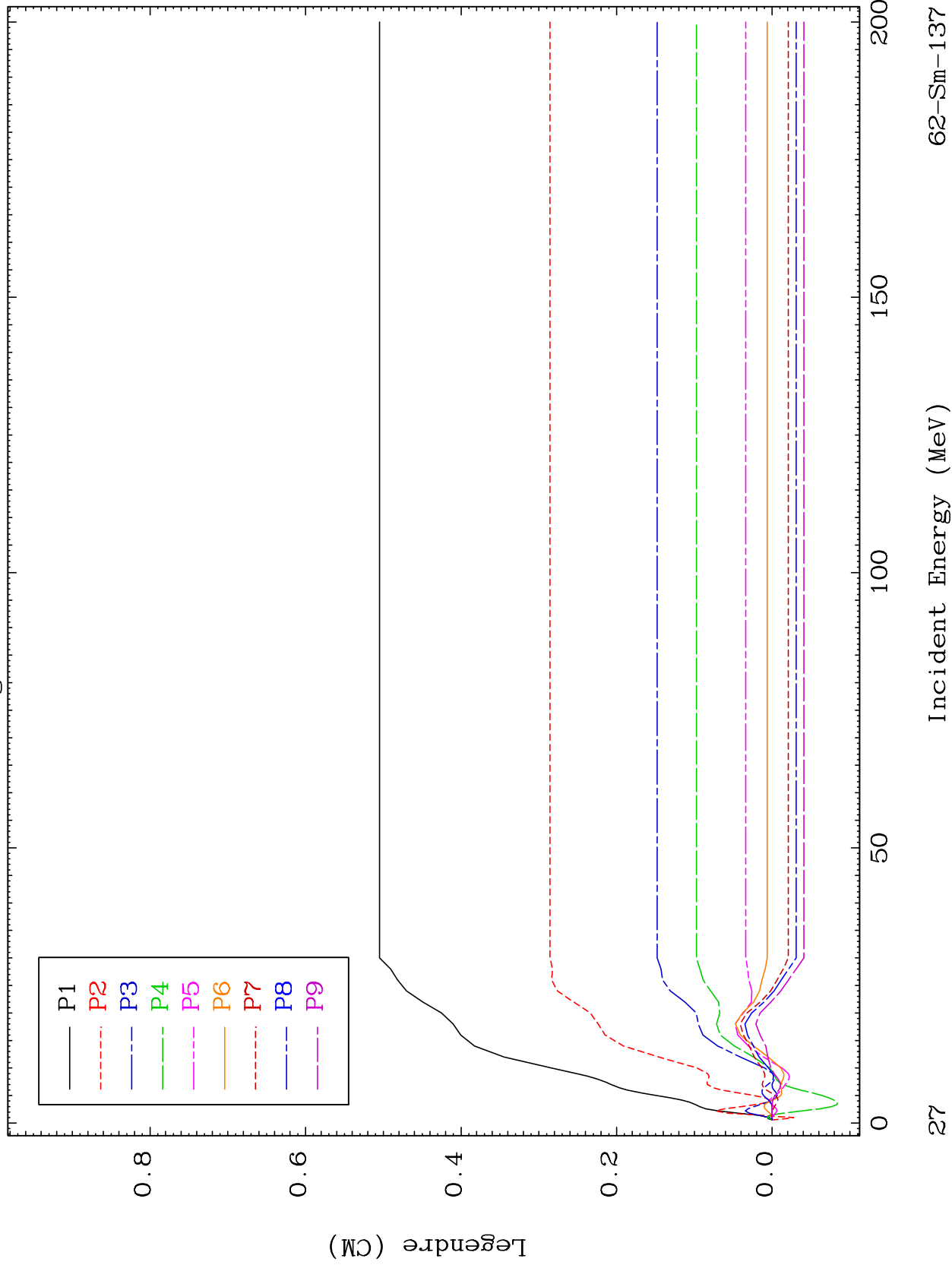
Incident Energy (MeV)

62-Sm-137

MAT 6204

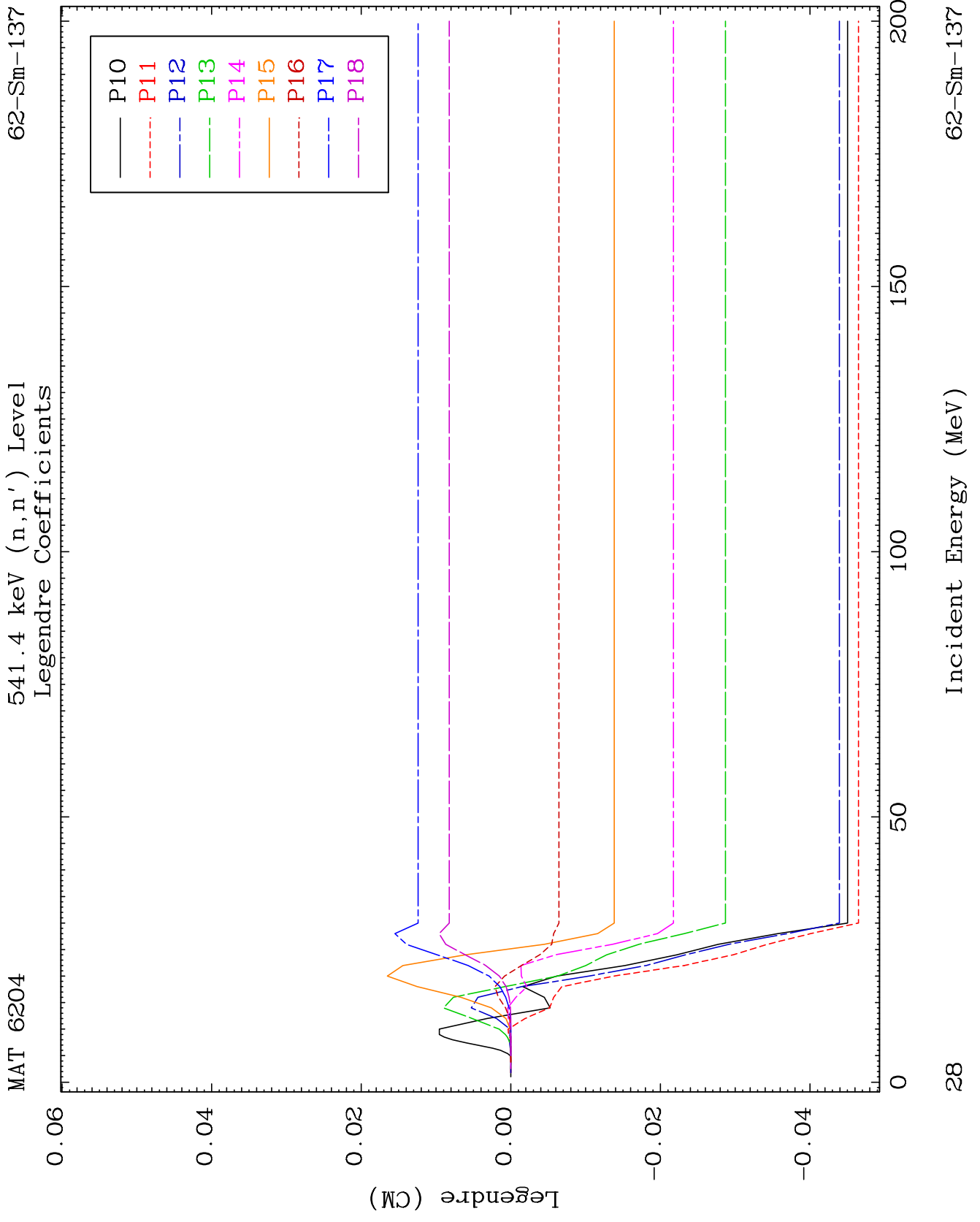
541.4 keV (n,n') Level
Legendre Coefficients

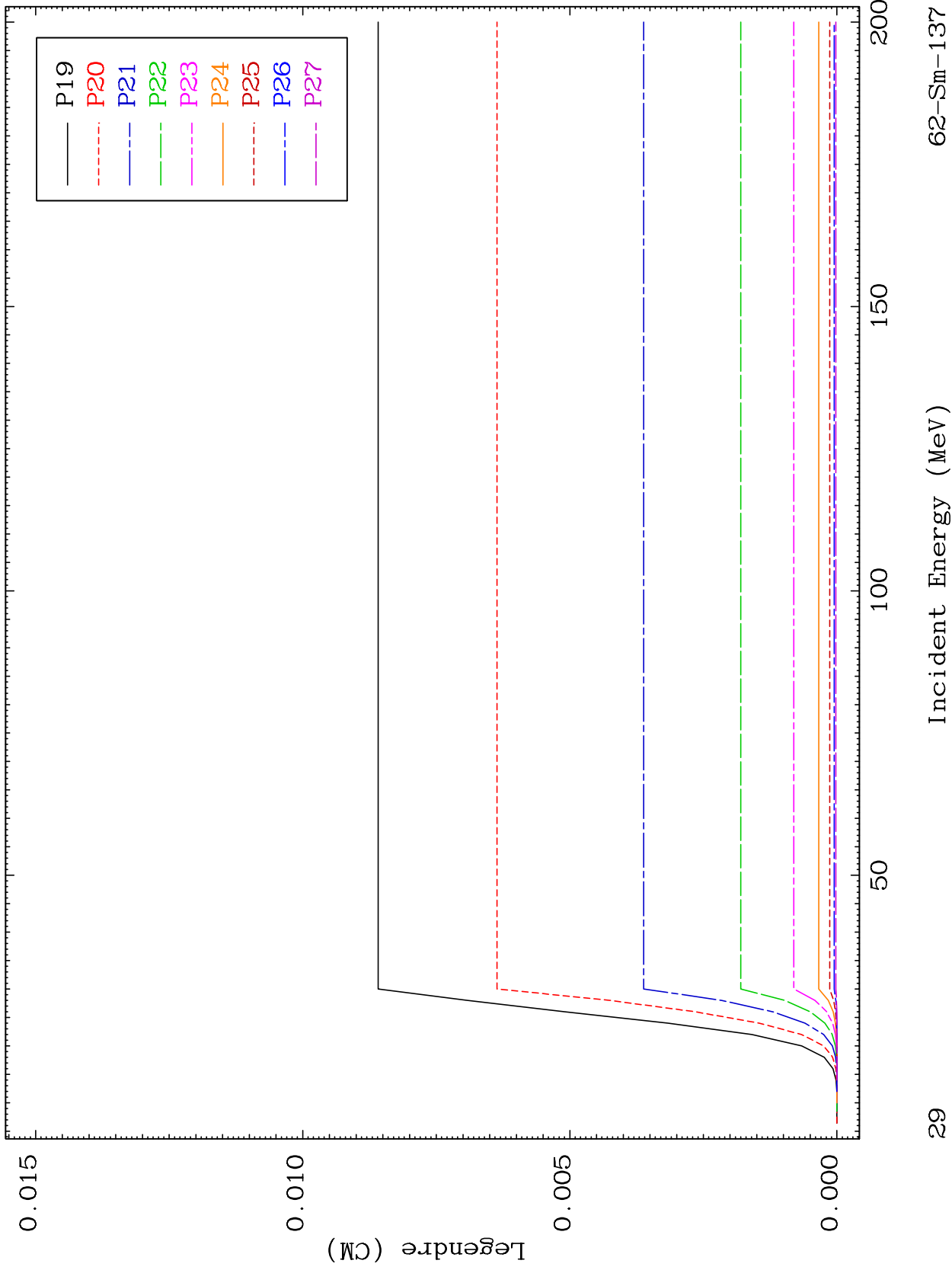
62-Sm-137



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62-Sm-137

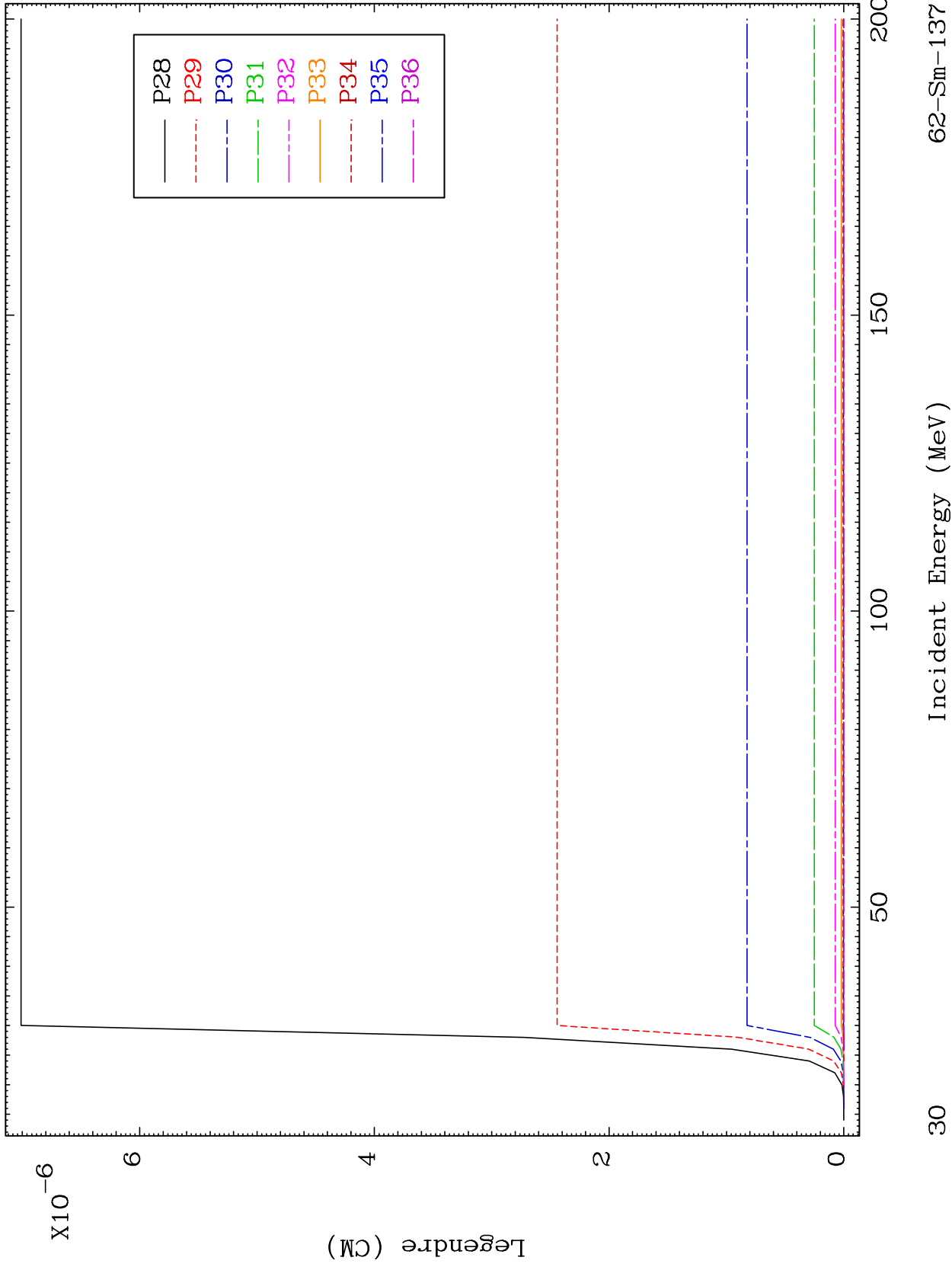




MAT 6204

541.4 keV (n,n') Level
Legendre Coefficients

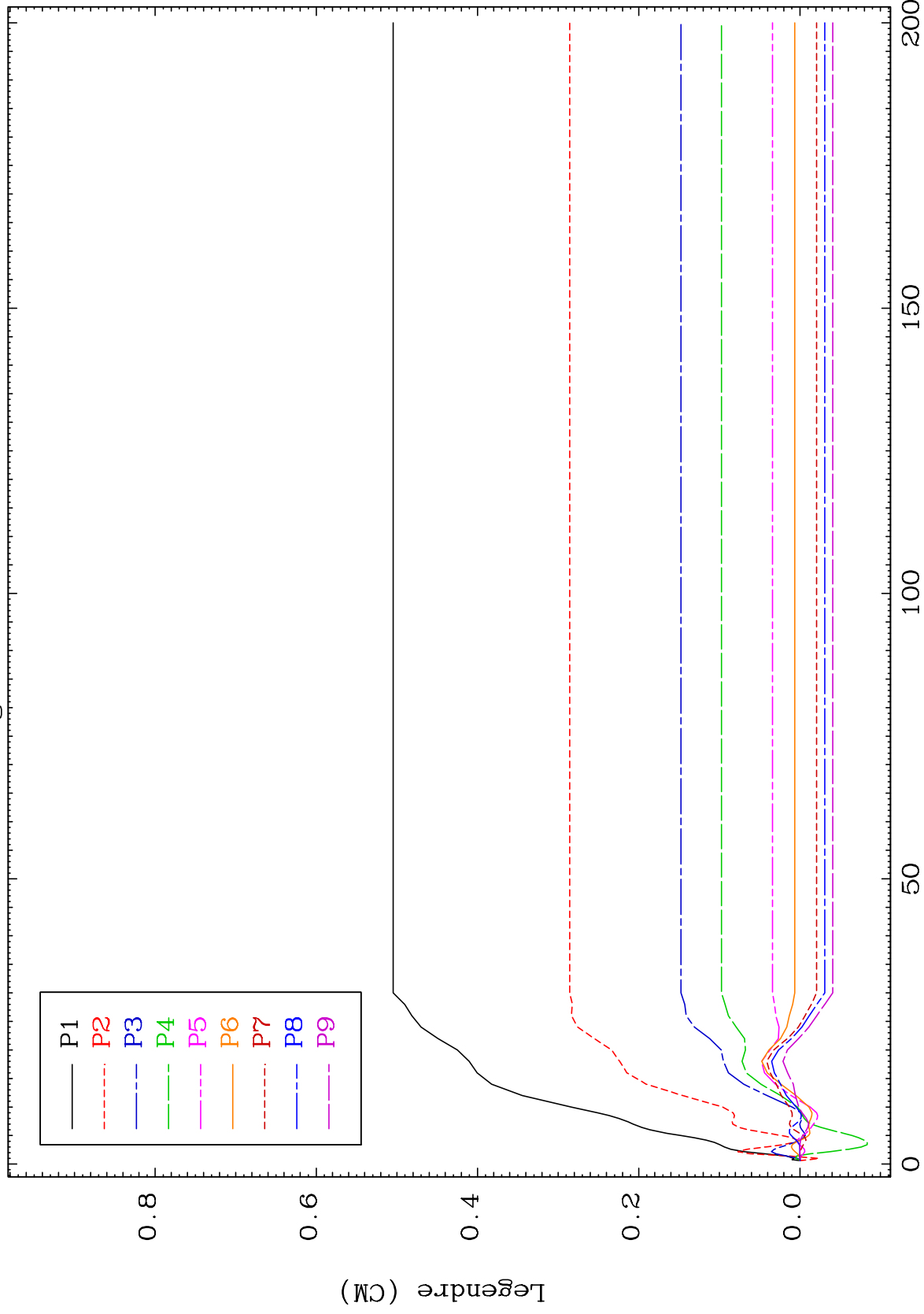
62-Sm-137



MAT 6204

583.0 keV (n,n') Level
Legendre Coefficients

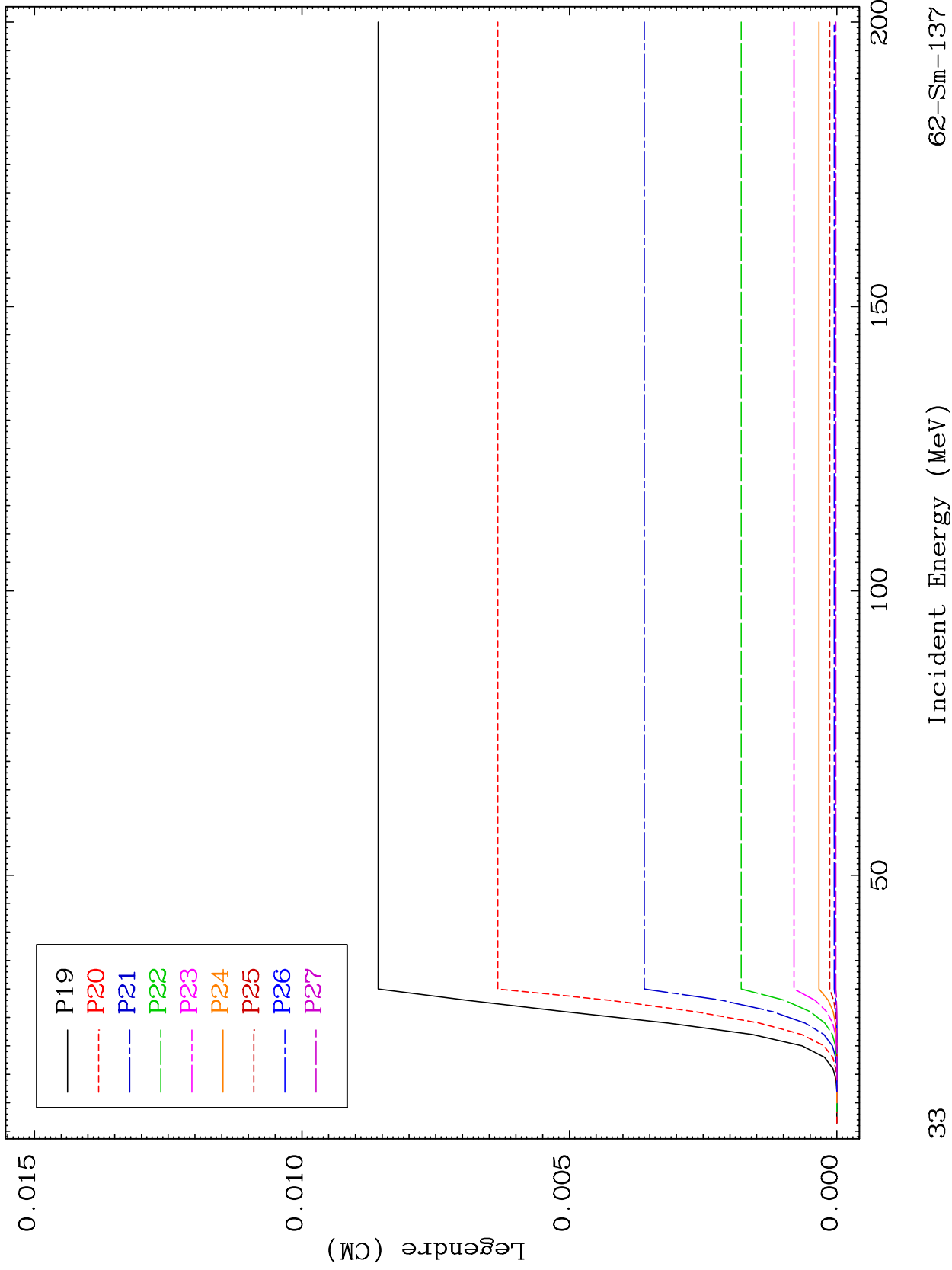
62-Sm-137



31

Incident Energy (MeV)

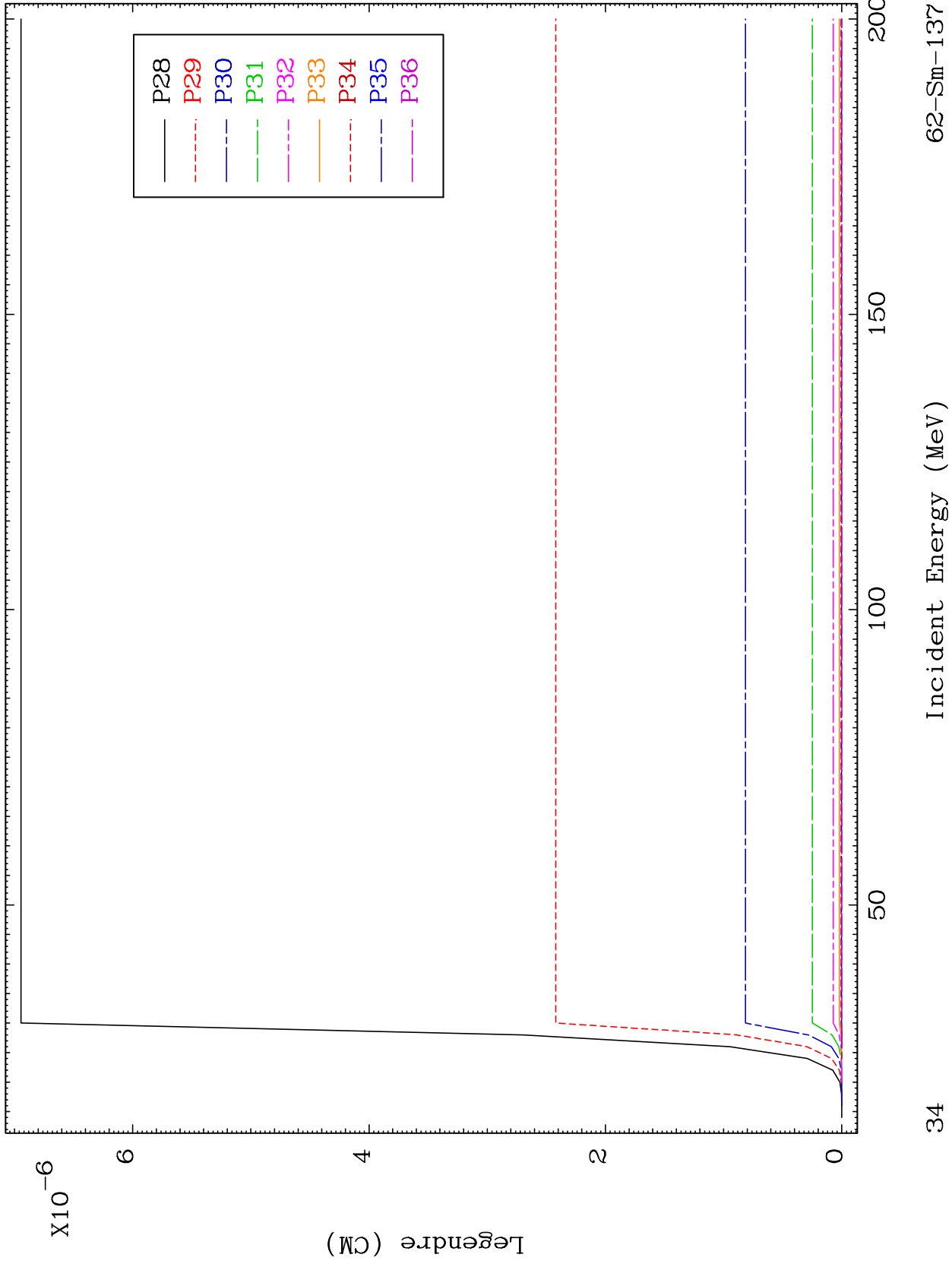
62-Sm-137



MAT 6204

583.0 keV (n,n') Level
Legendre Coefficients

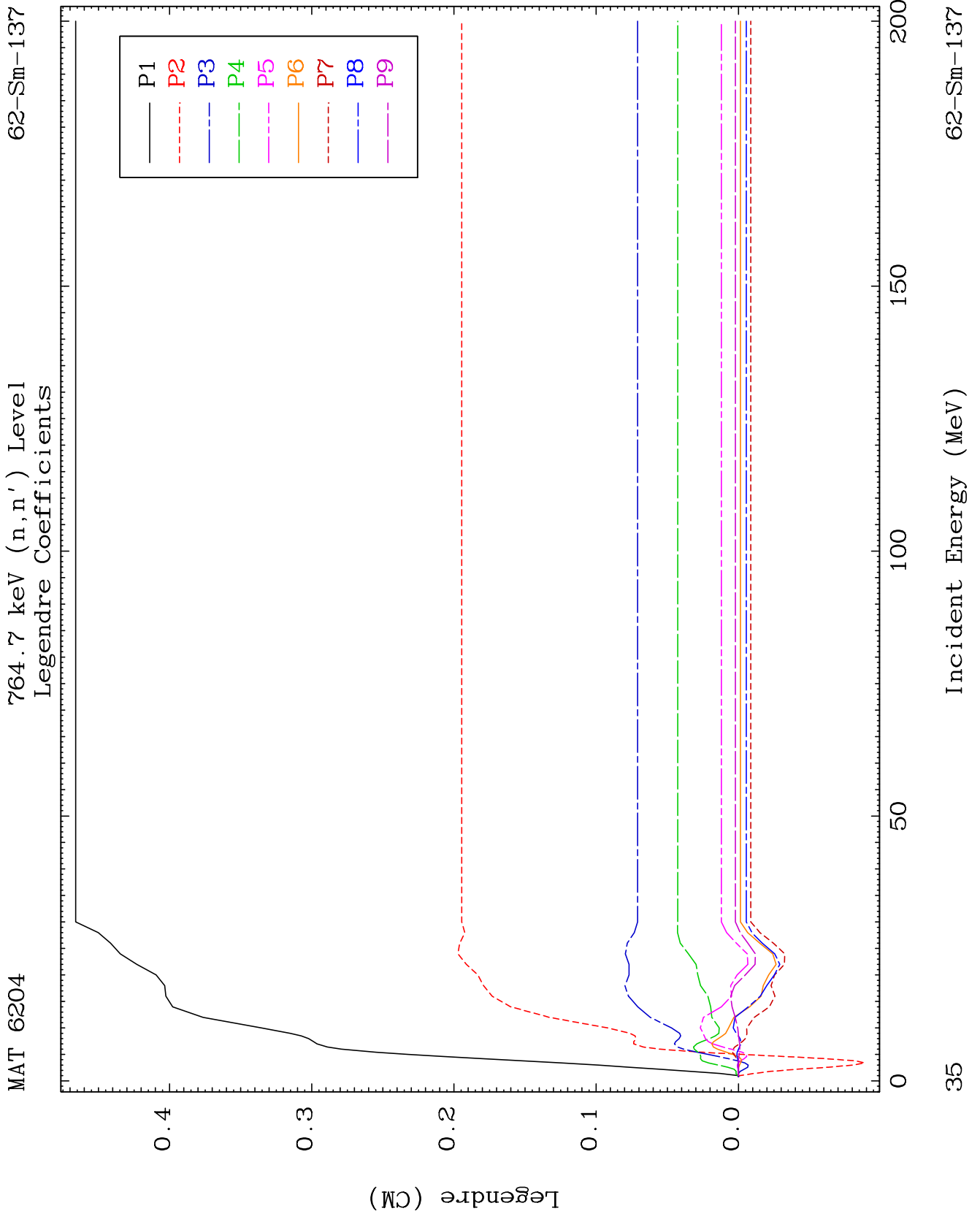
62-Sm-137



34

Incident Energy (MeV)

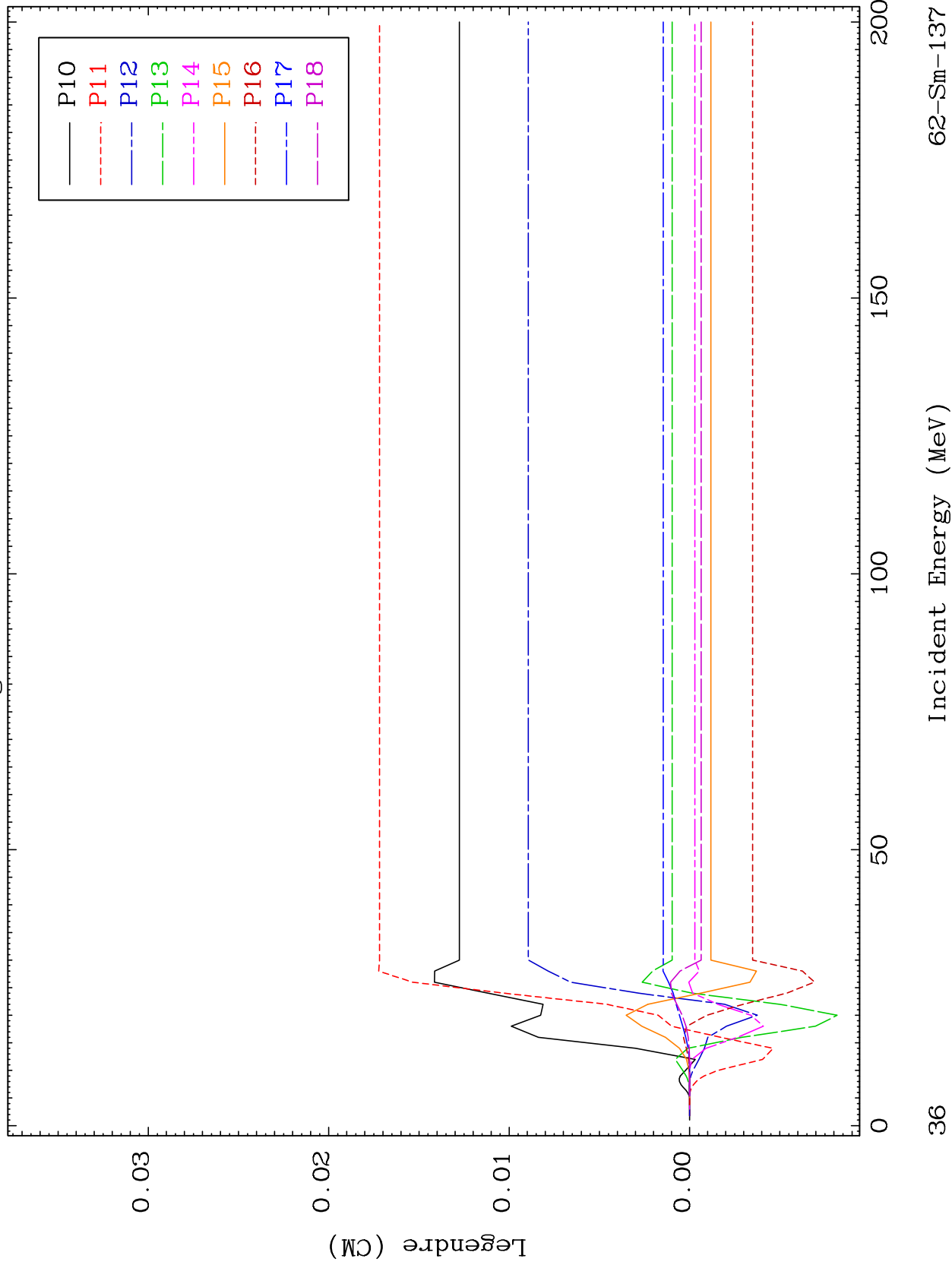
62-Sm-137



MAT 6204

764.7 keV (n,n') Level
Legendre Coefficients

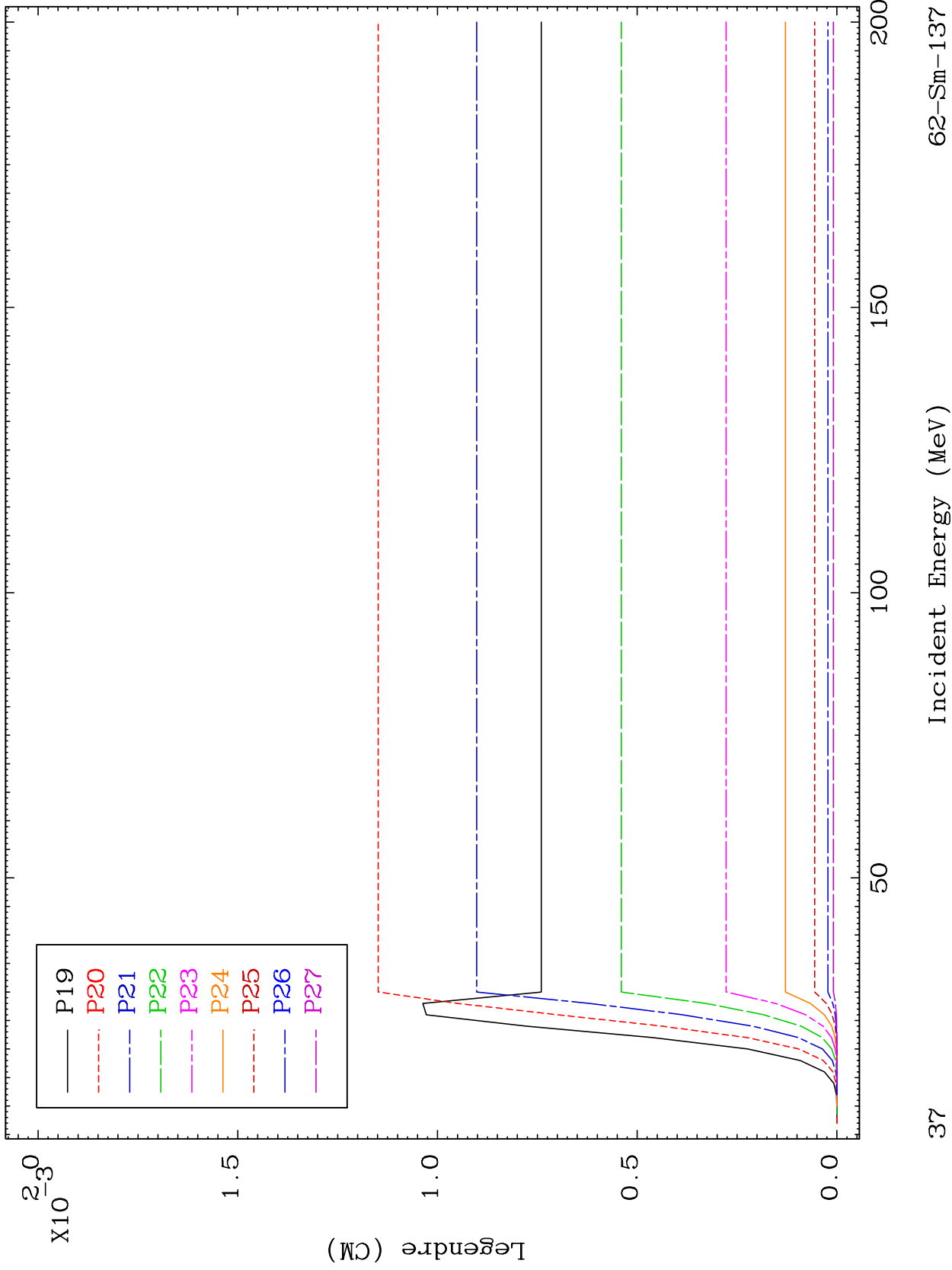
62-Sm-137



36

Incident Energy (MeV)

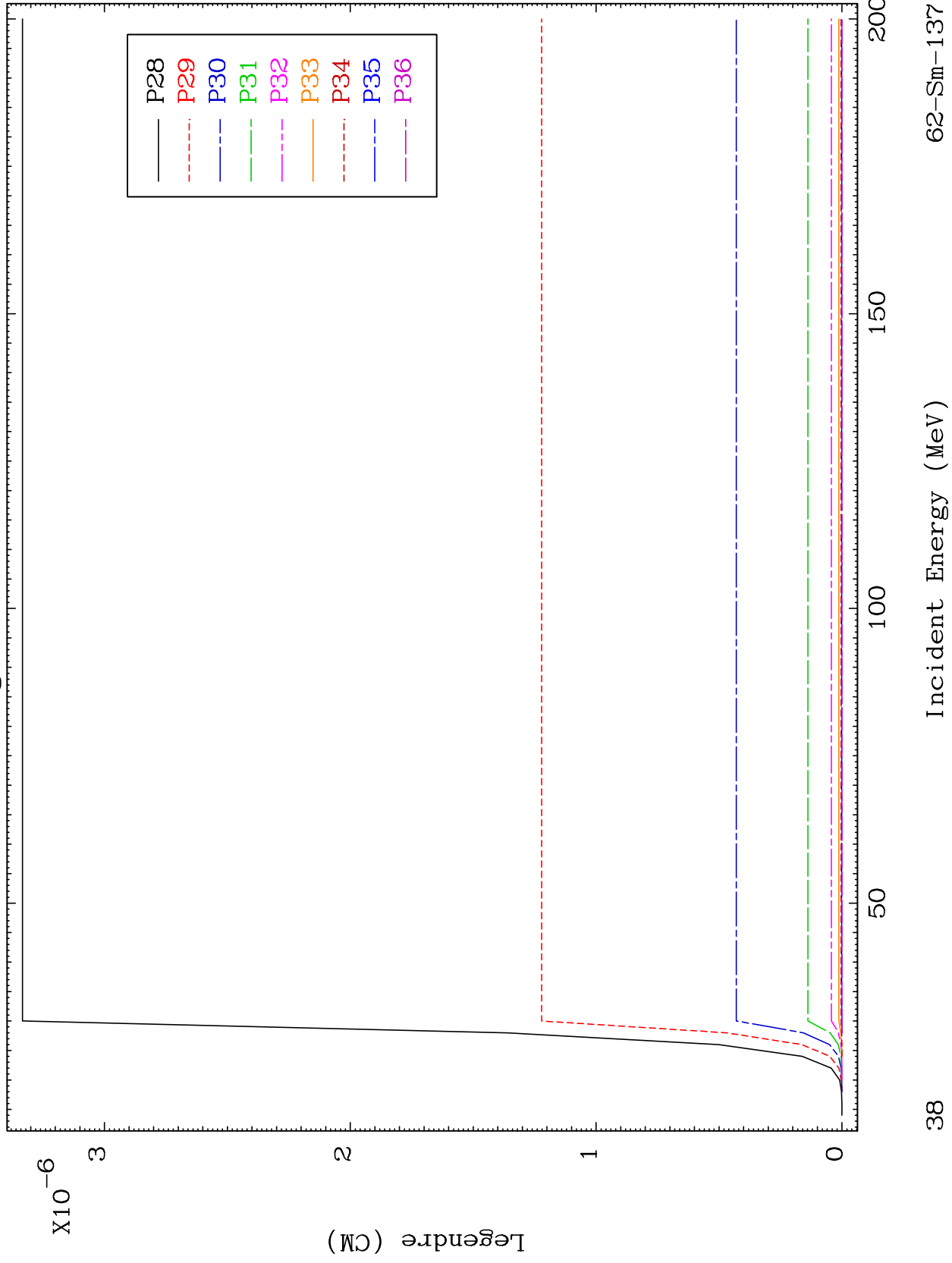
62-Sm-137



MAT 6204

764.7 keV (n,n') Level
Legendre Coefficients

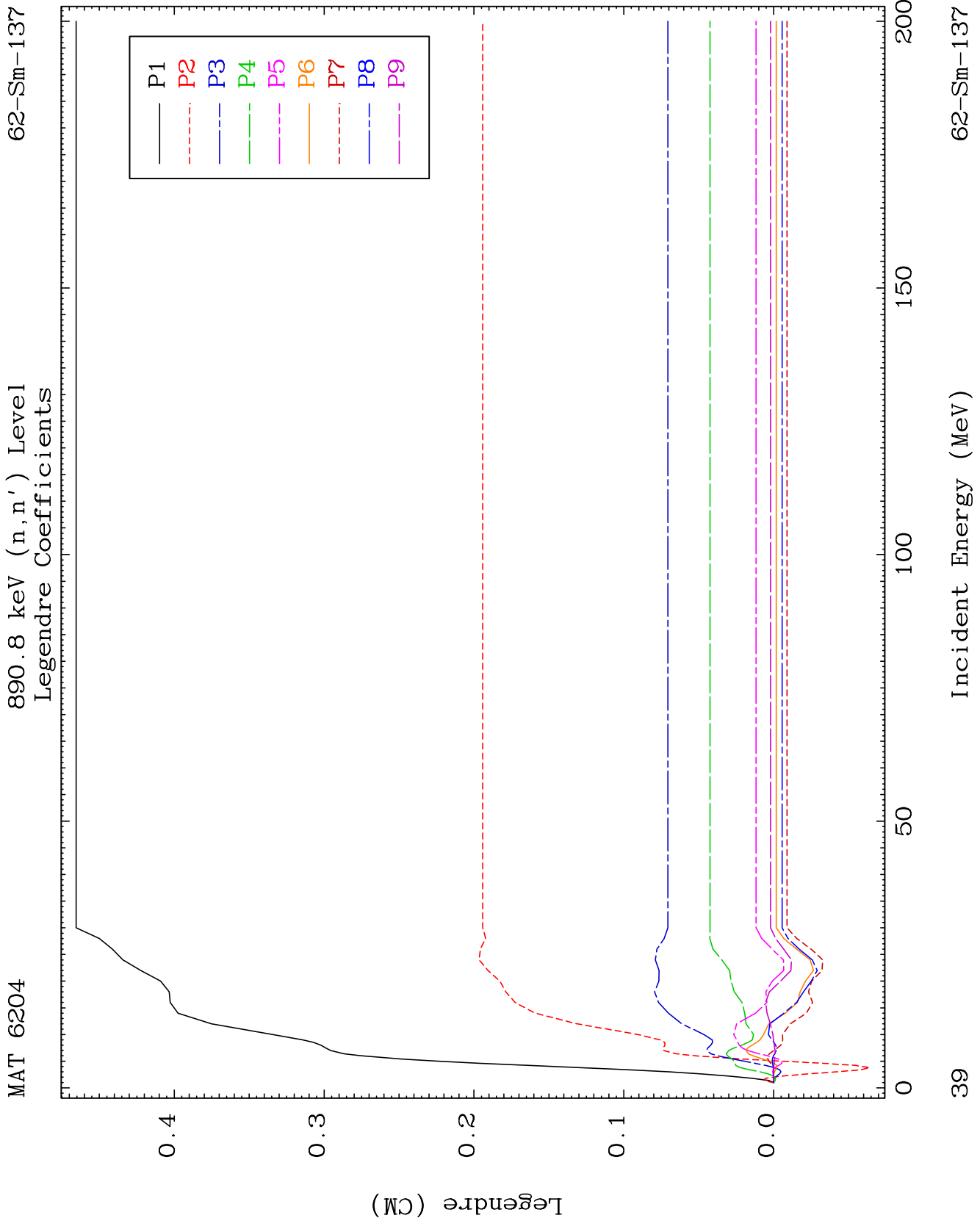
62-Sm-137

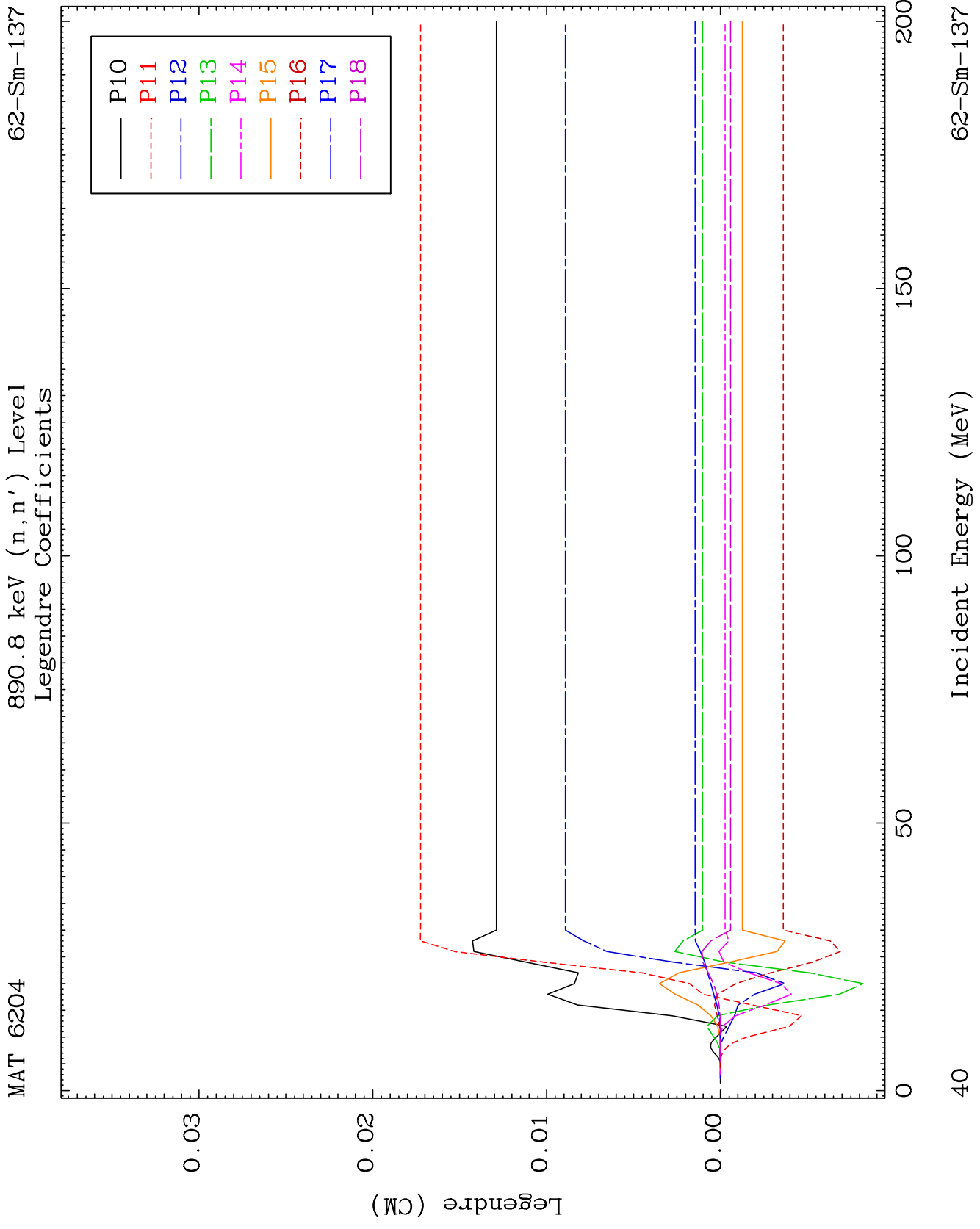


38

Incident Energy (MeV)

62-Sm-137

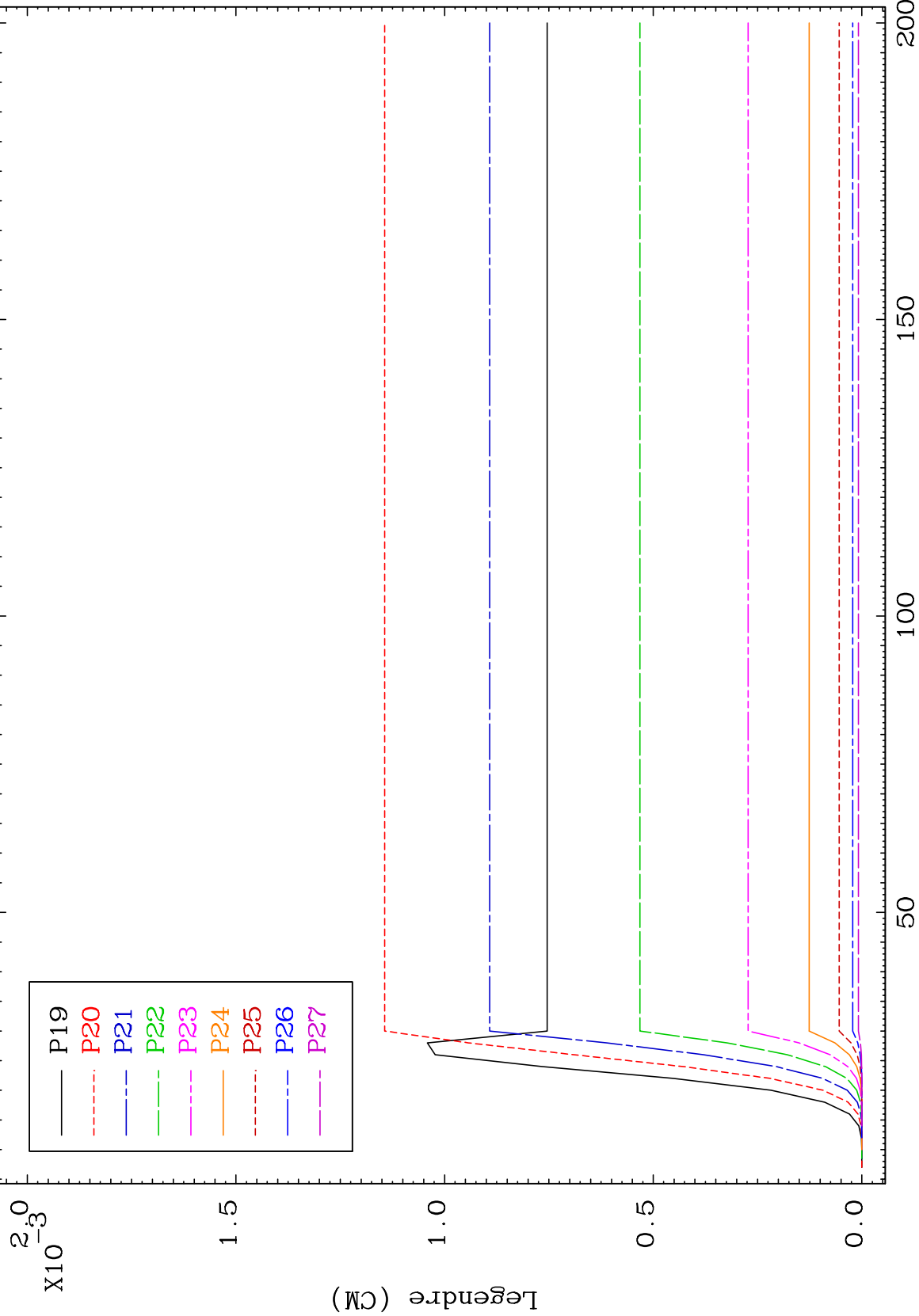




MAT 6204

890.8 keV (n,n') Level
Legendre Coefficients

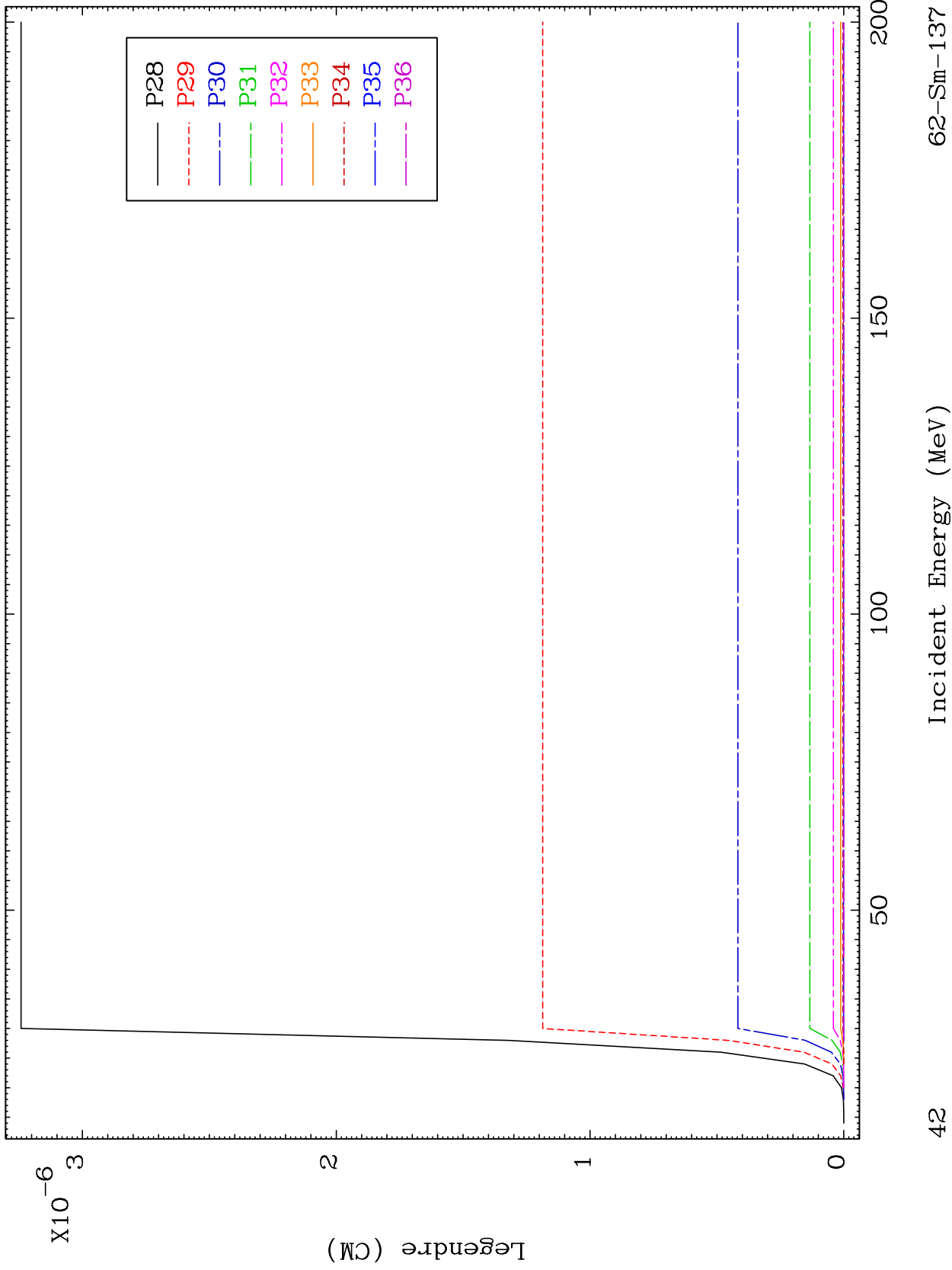
62-Sm-137



MAT 6204

890.8 keV (n,n') Level
Legendre Coefficients

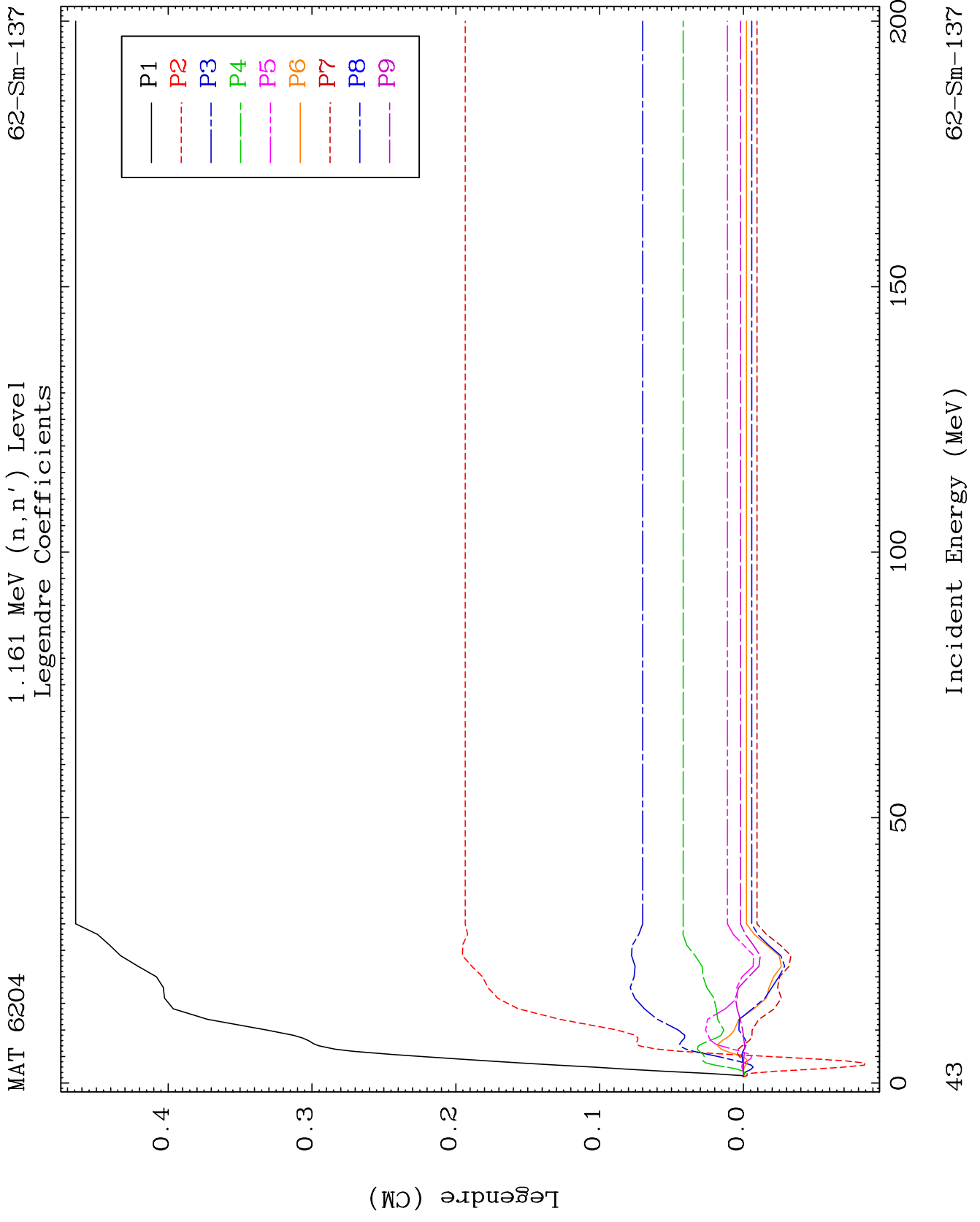
62-Sm-137



42

Incident Energy (MeV)

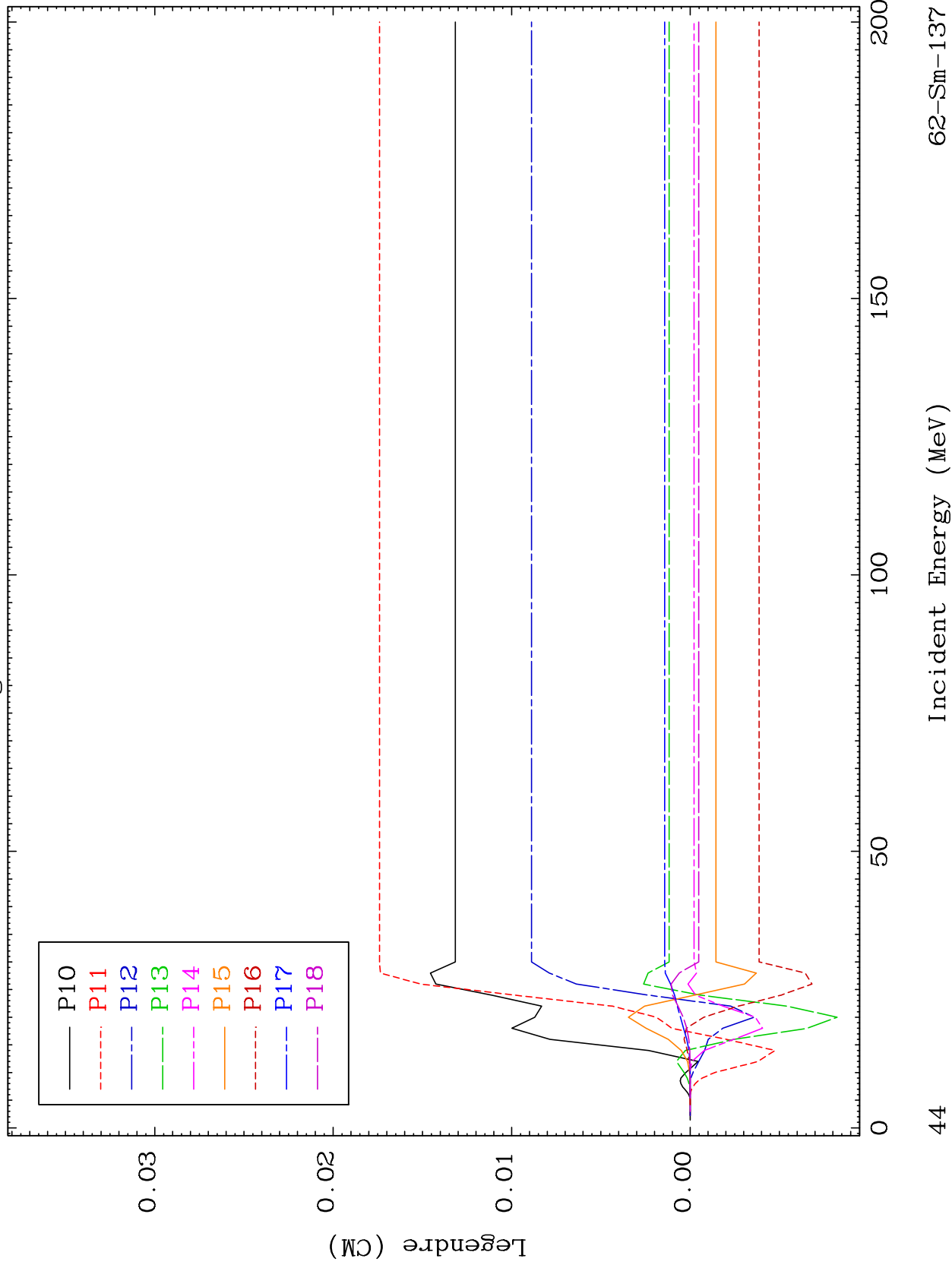
62-Sm-137



MAT 6204

1.161 MeV (n, n') Level
Legendre Coefficients

62-Sm-137



44

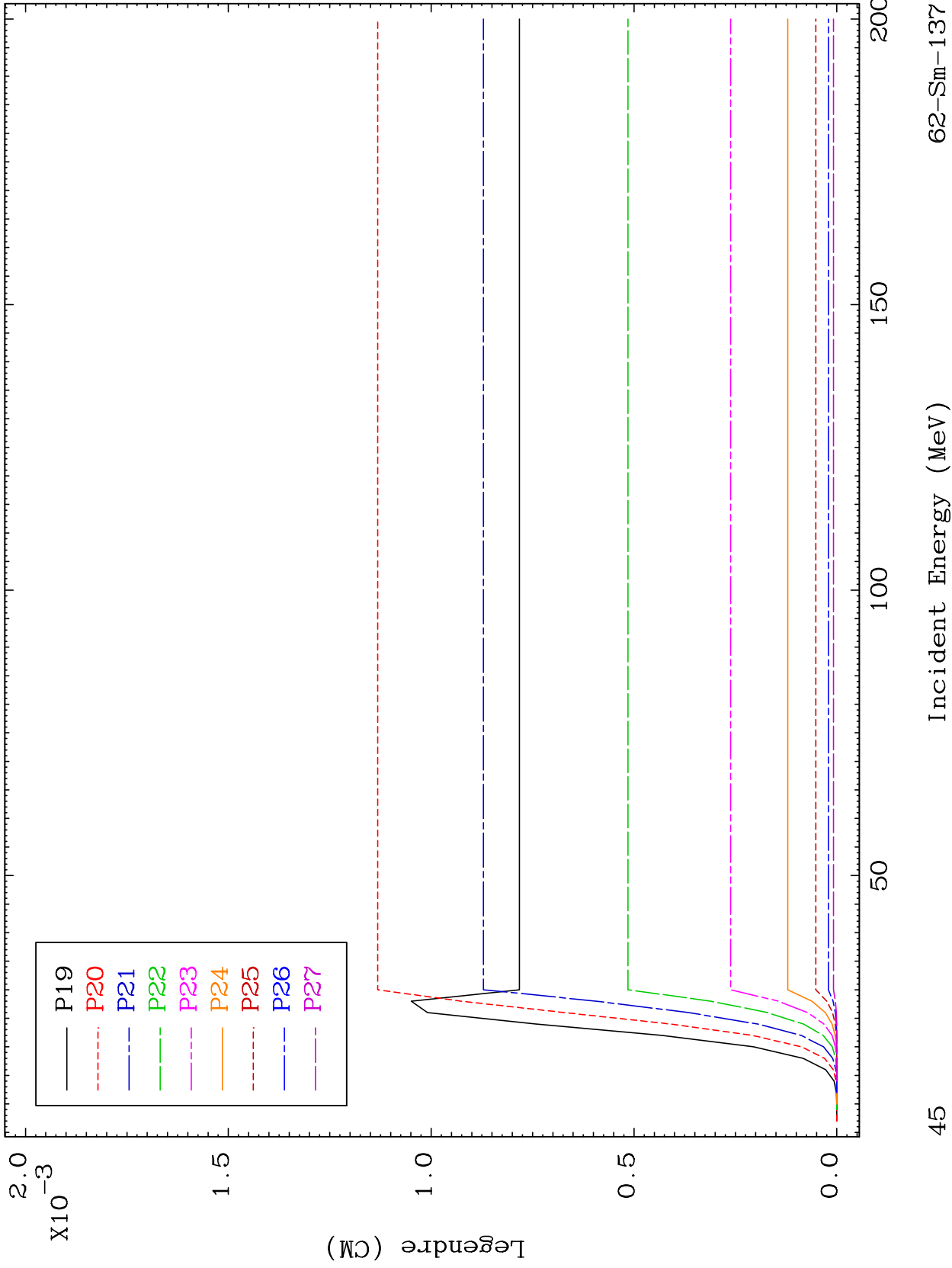
Incident Energy (MeV)

62-Sm-137

MAT 6204

1.161 MeV (n, n') Level
Legendre Coefficients

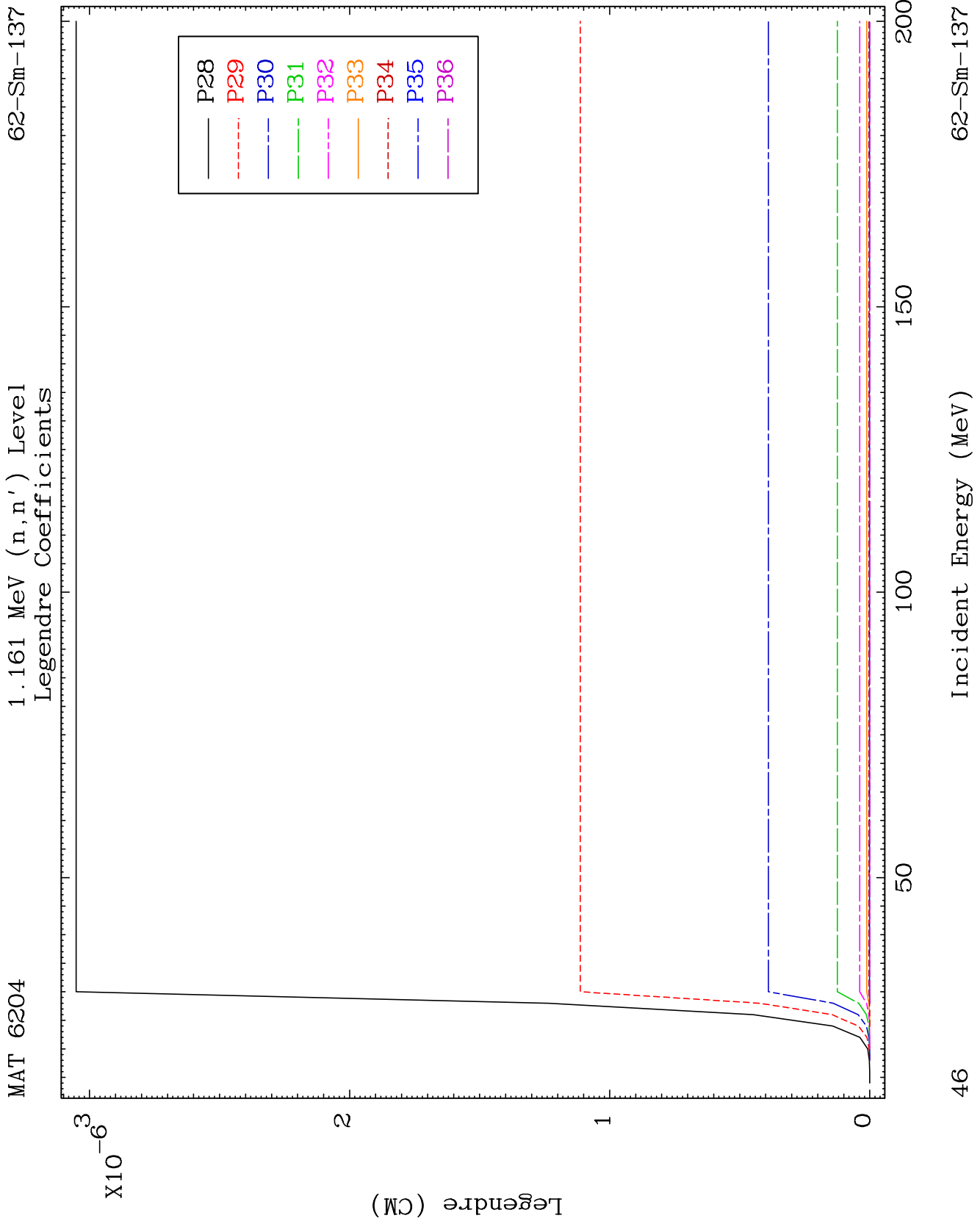
62-Sm-137

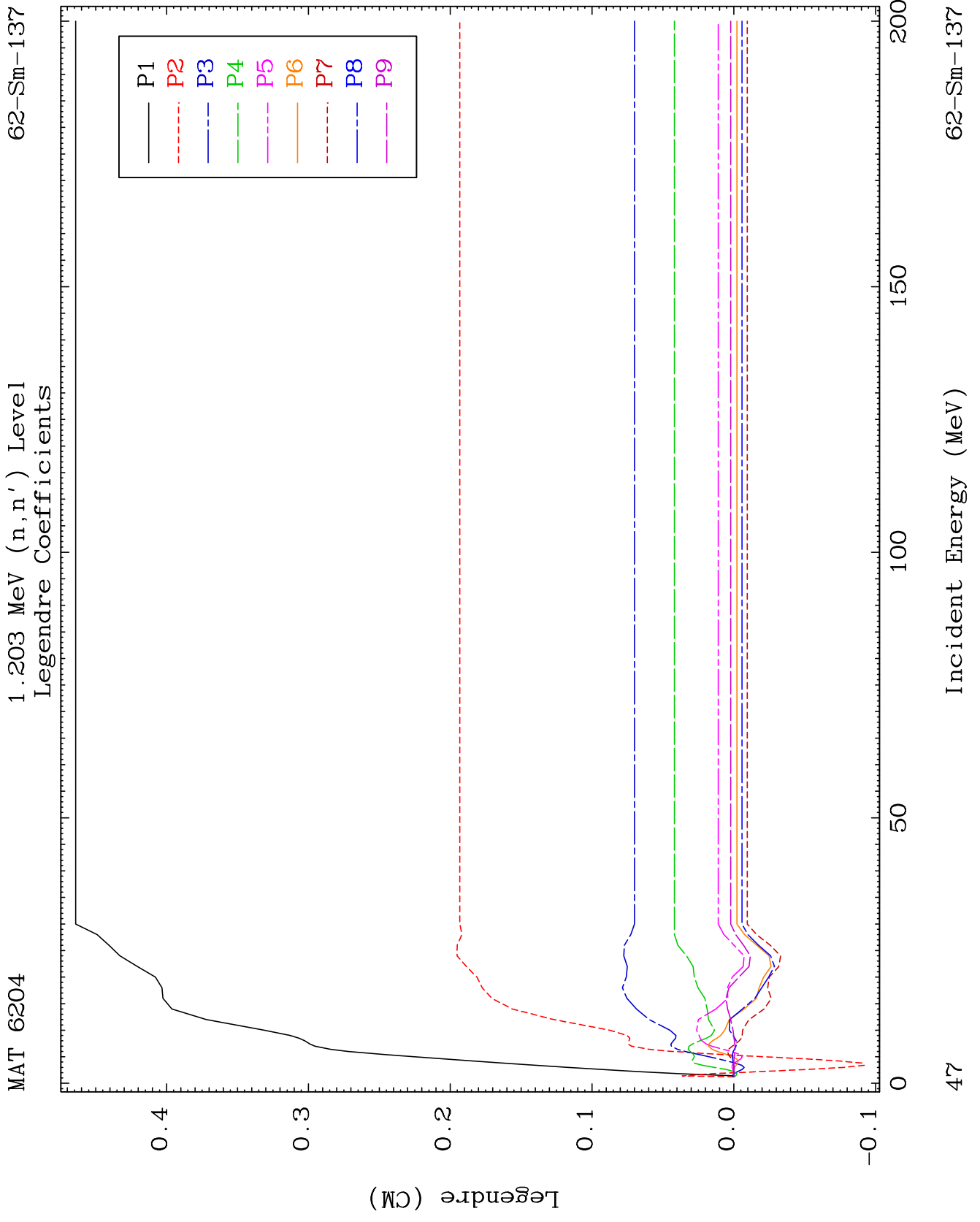


45

Incident Energy (MeV)

62-Sm-137

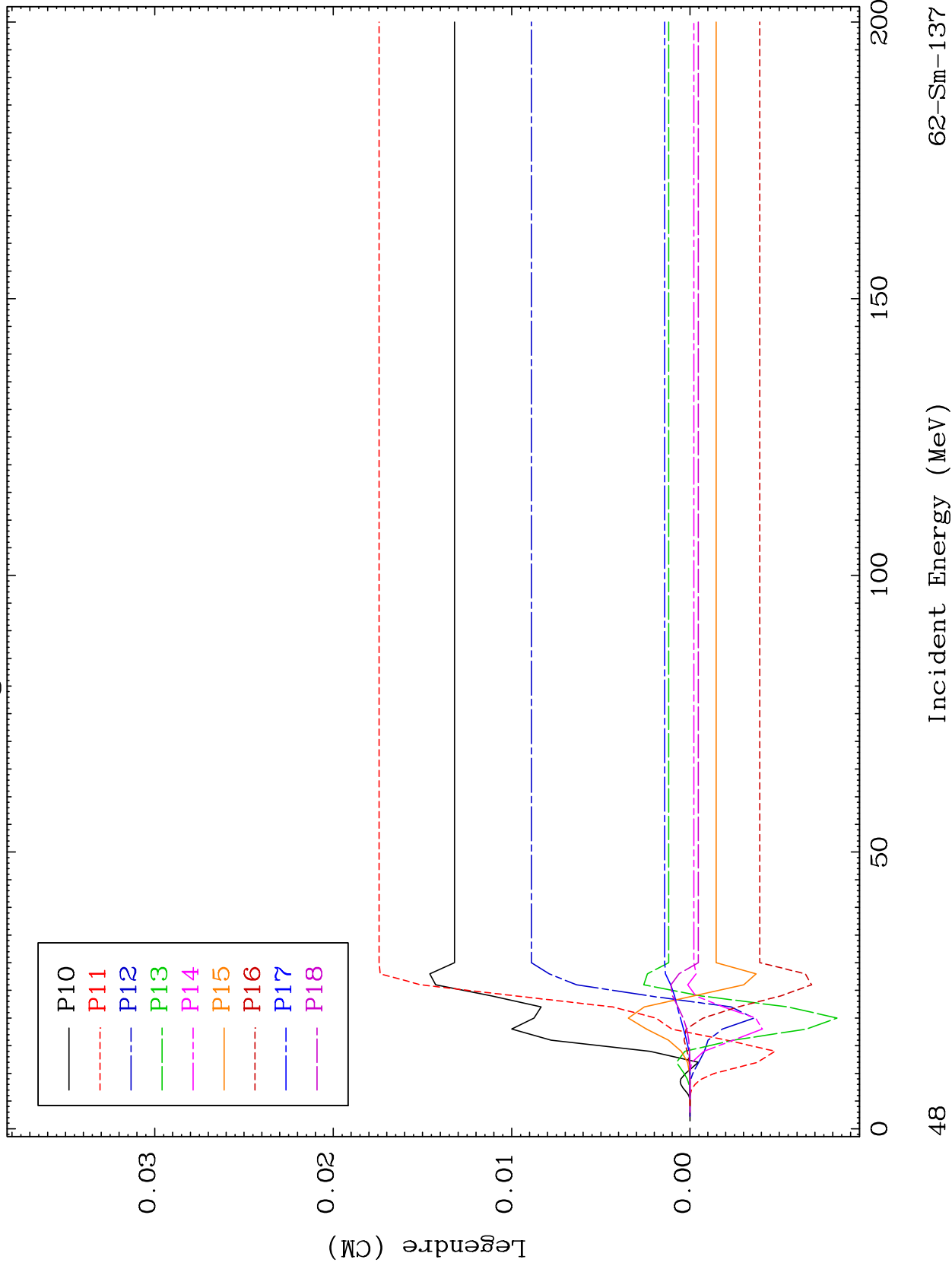




MAT 6204

1.203 MeV (n, n') Level
Legendre Coefficients

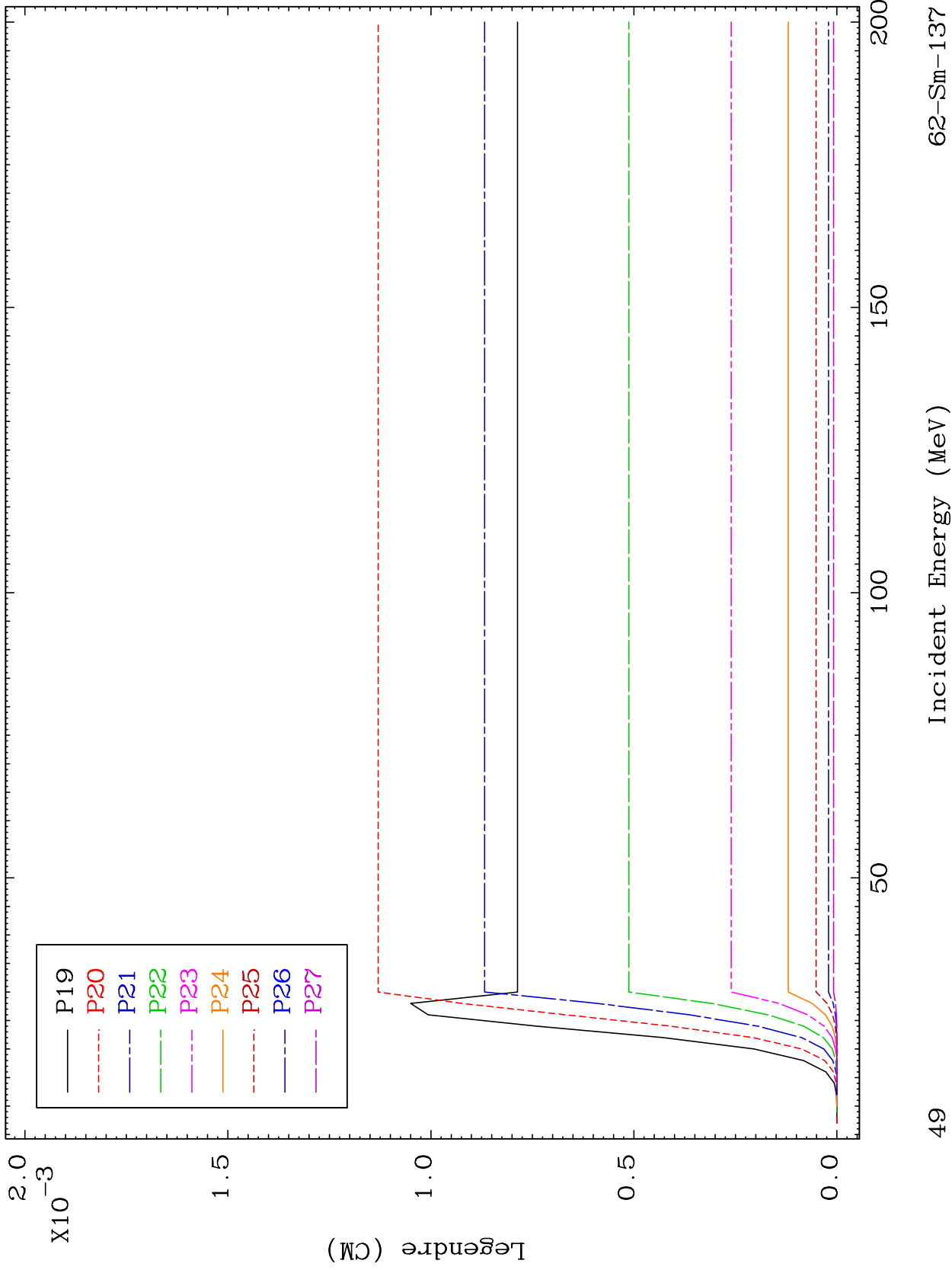
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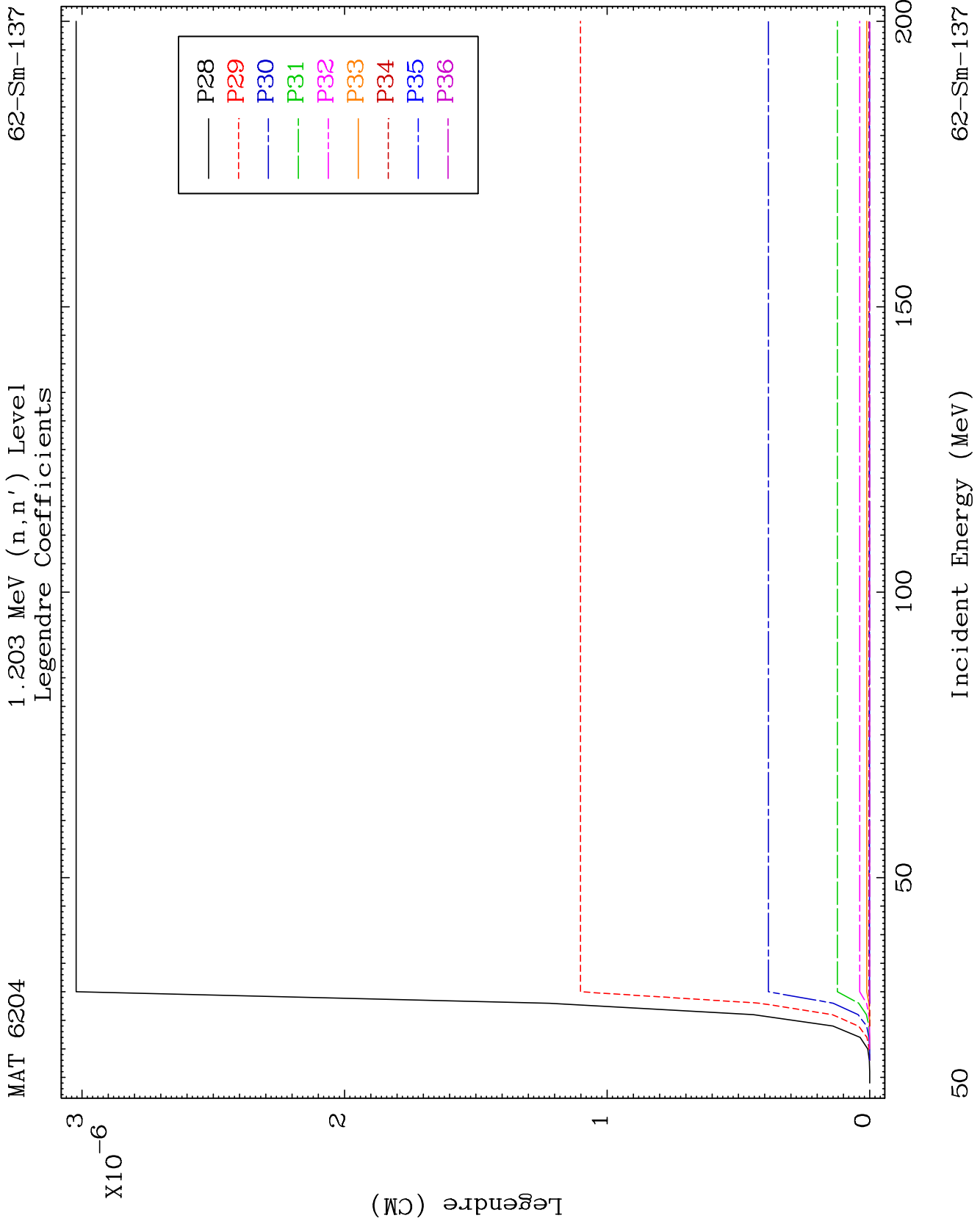


48

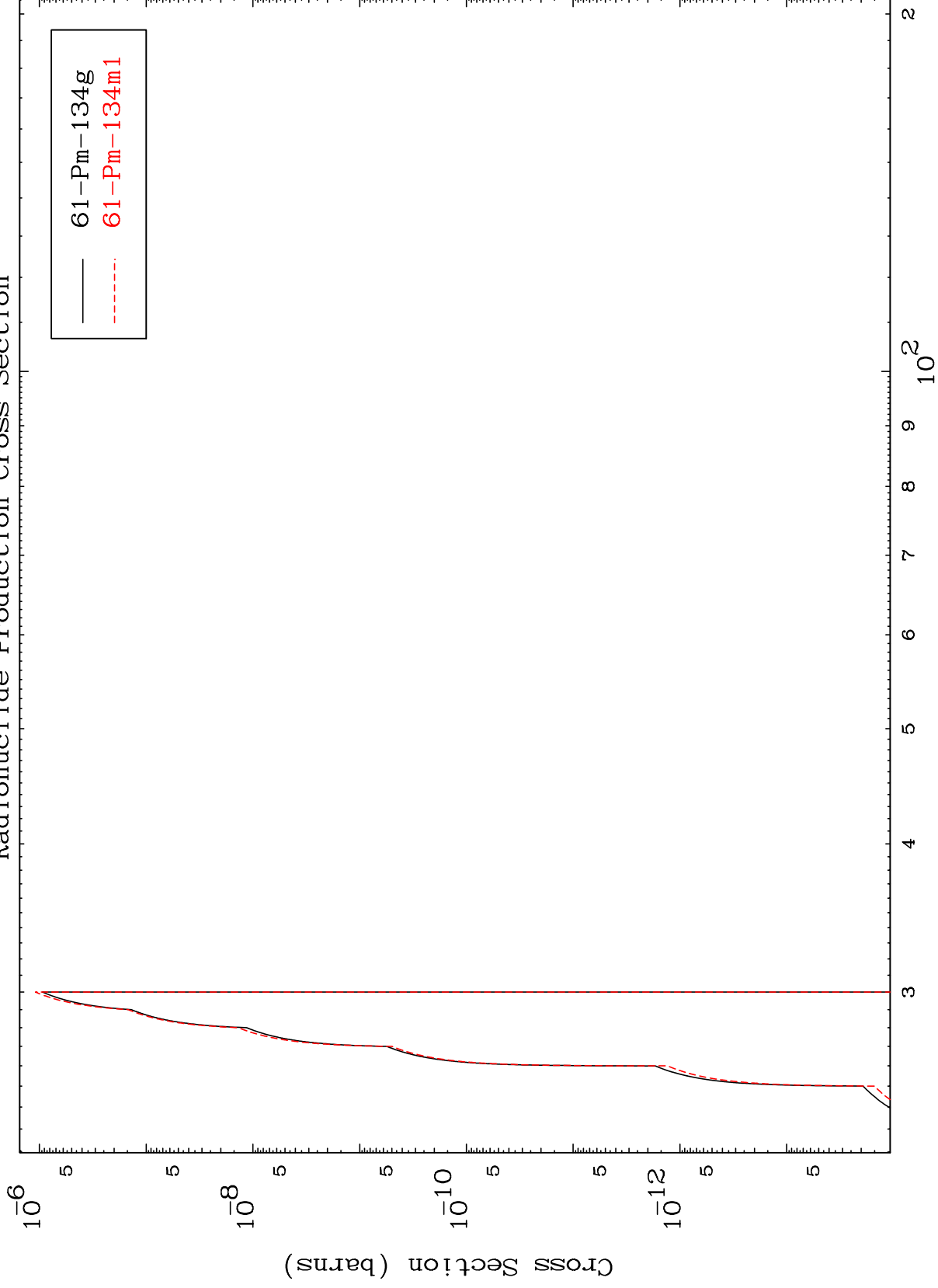
Incident Energy (MeV)

62-Sm-137





Radionuclide Production Cross Section

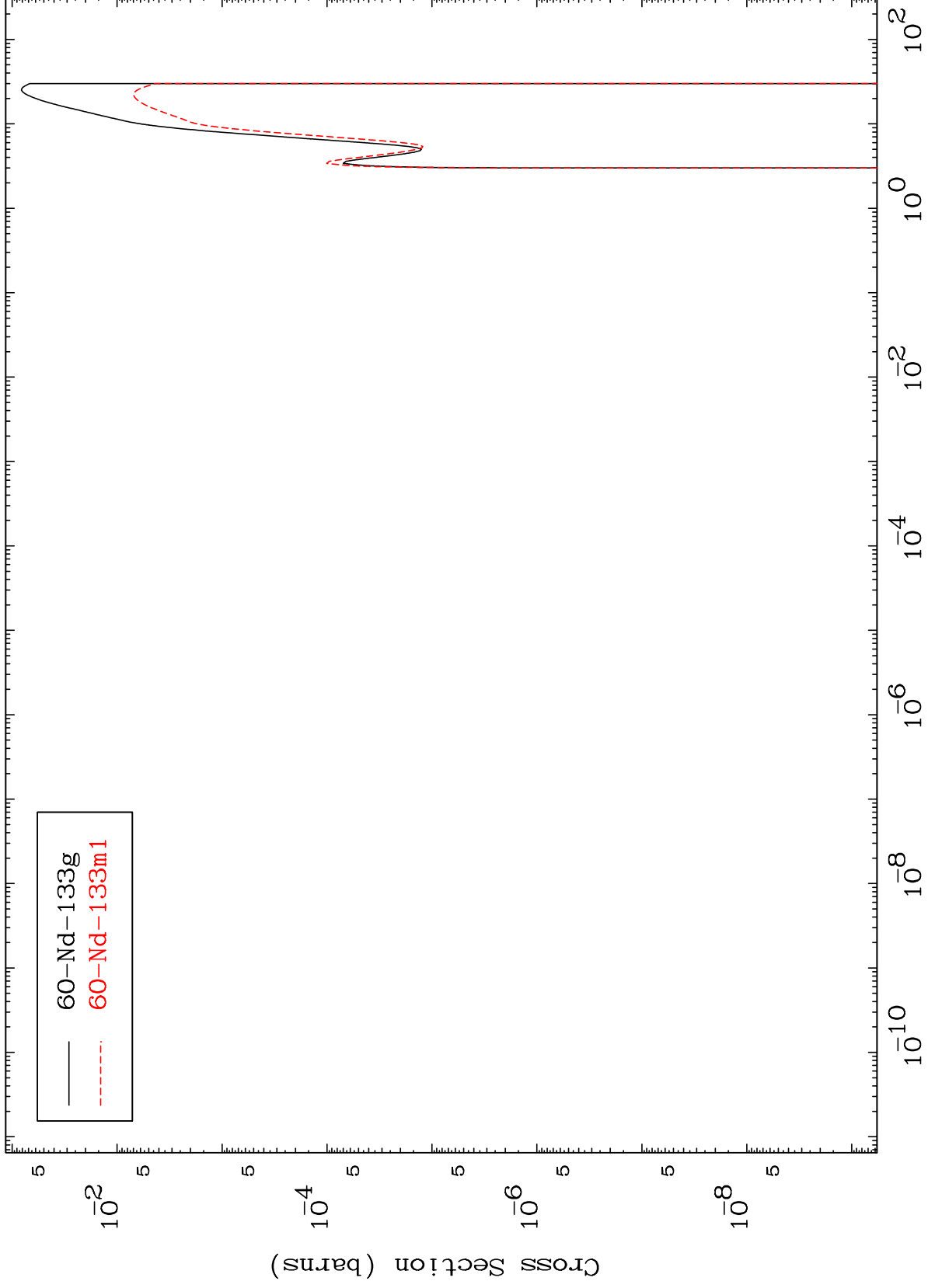


MAT 6204

(n, n') α

62-Sm-137

Radionuclide Production Cross Section



52

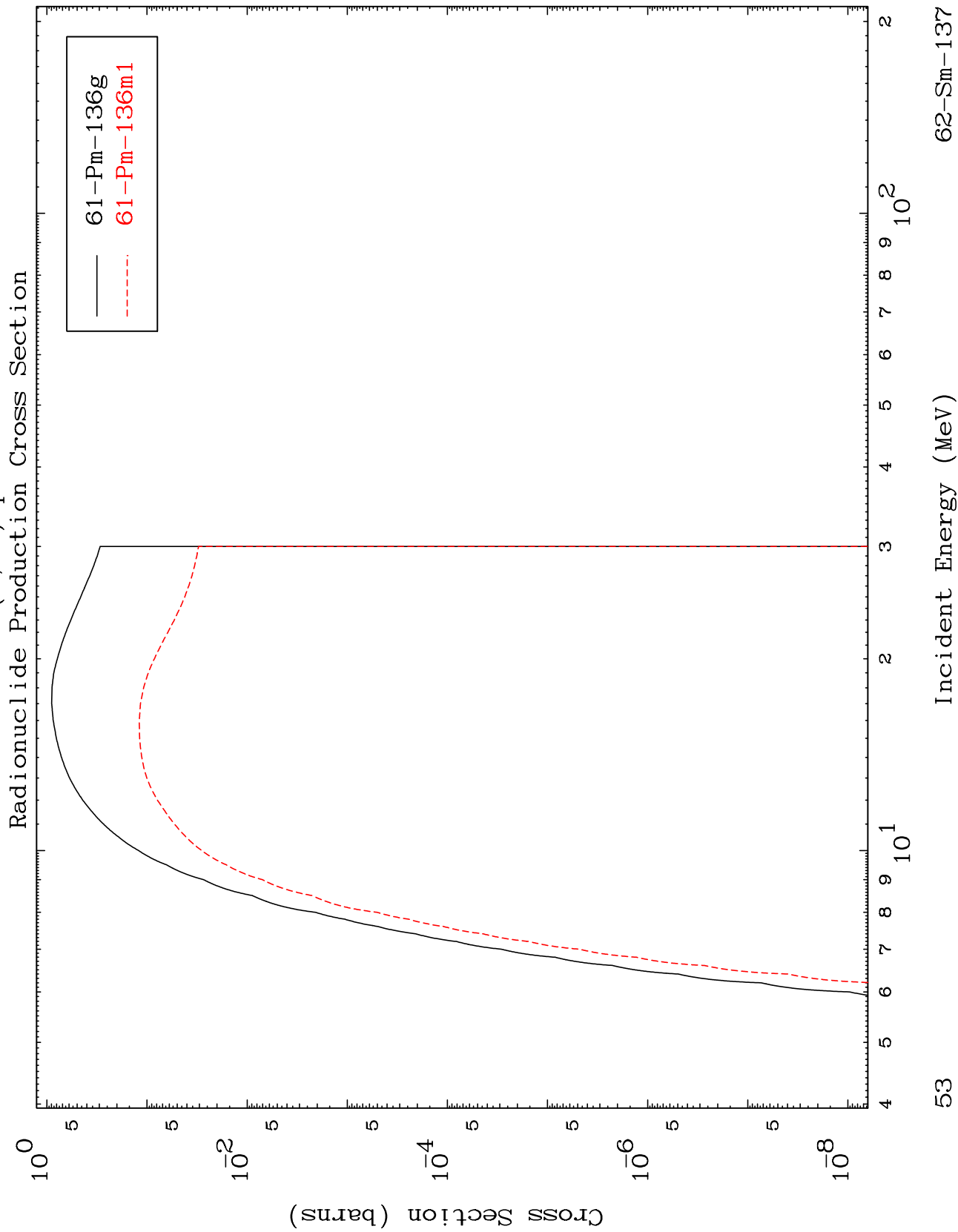
Incident Energy (MeV)

62-Sm-137

MAT 6204

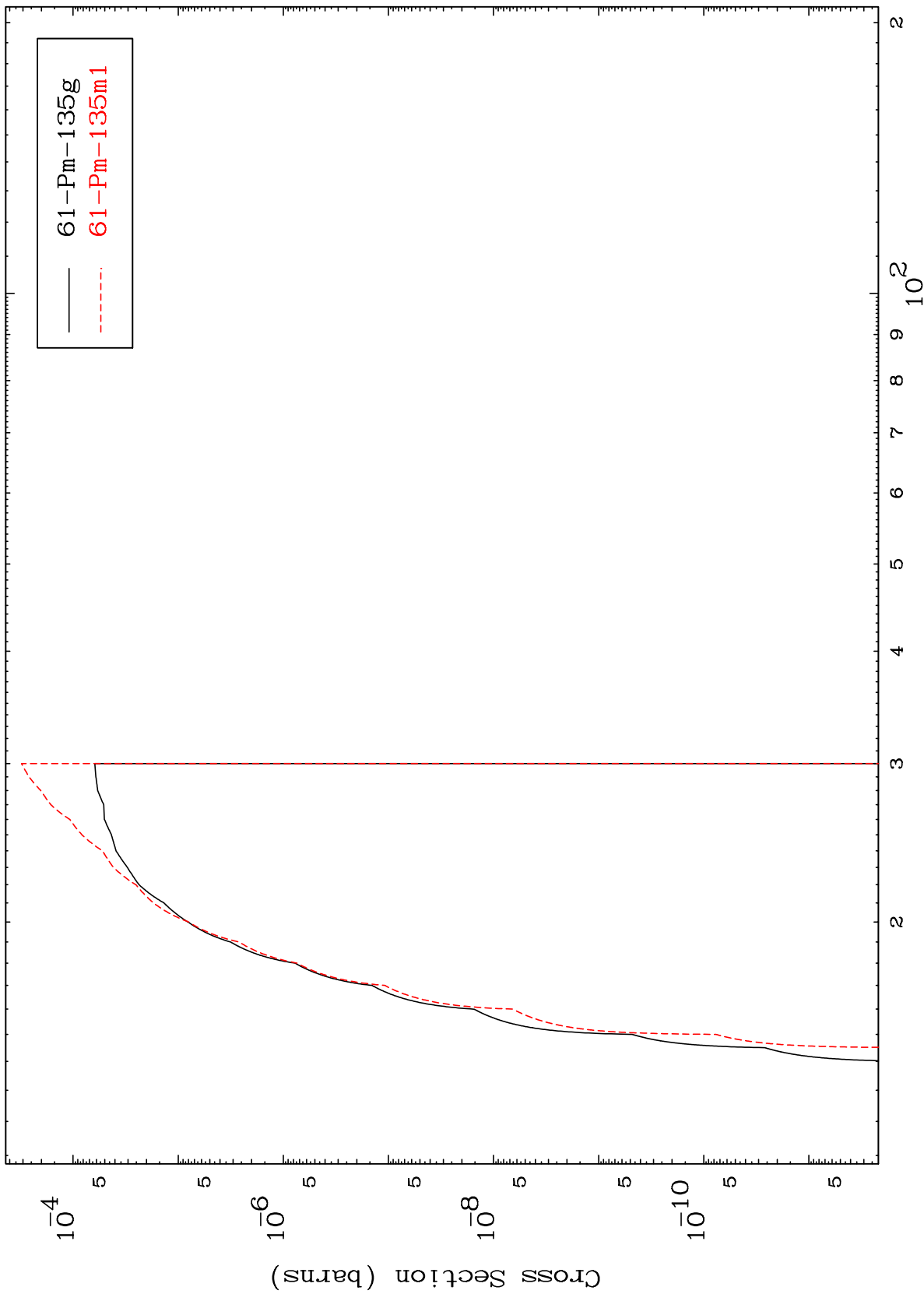
(n,n') p

62-Sm-137

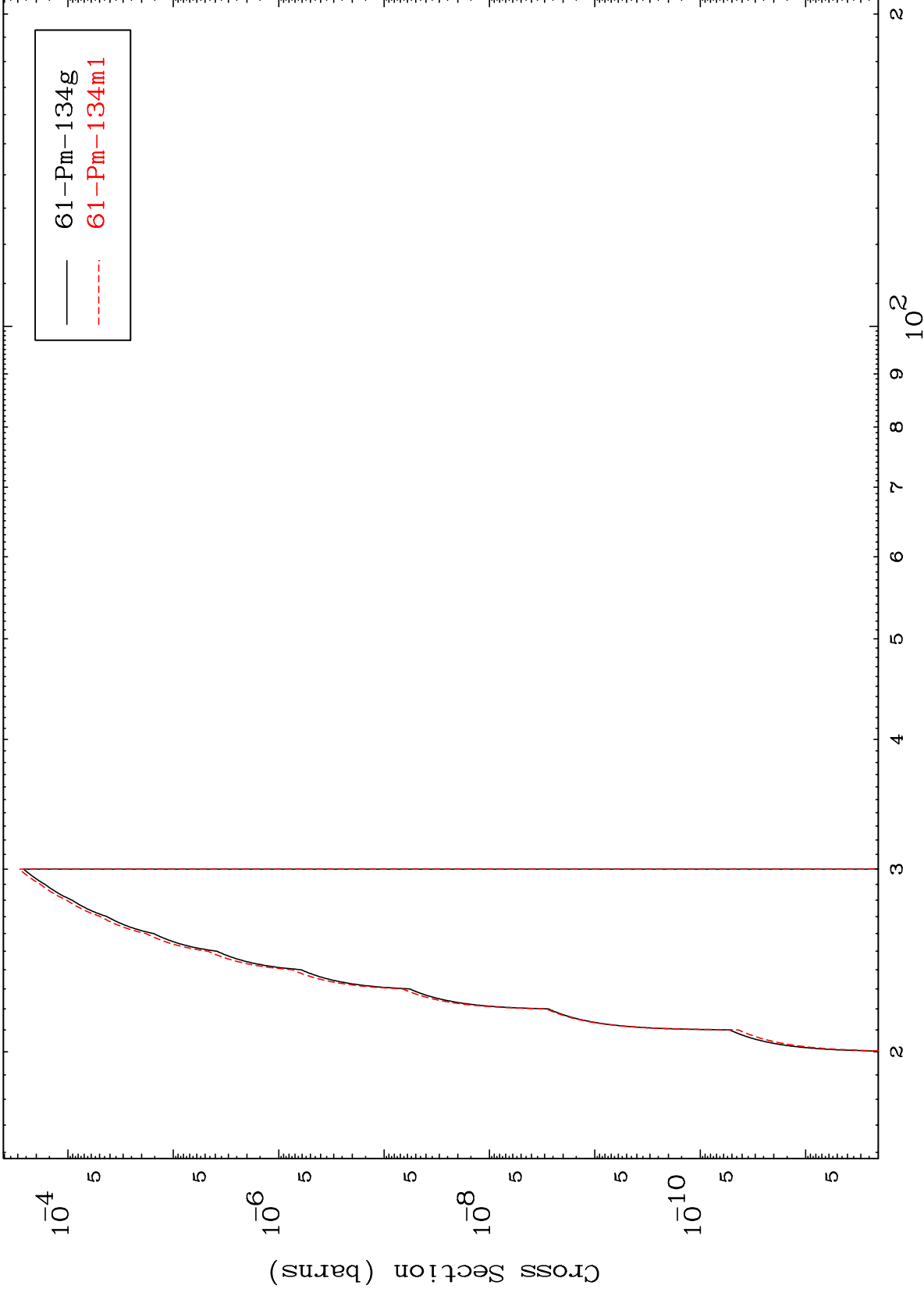


53

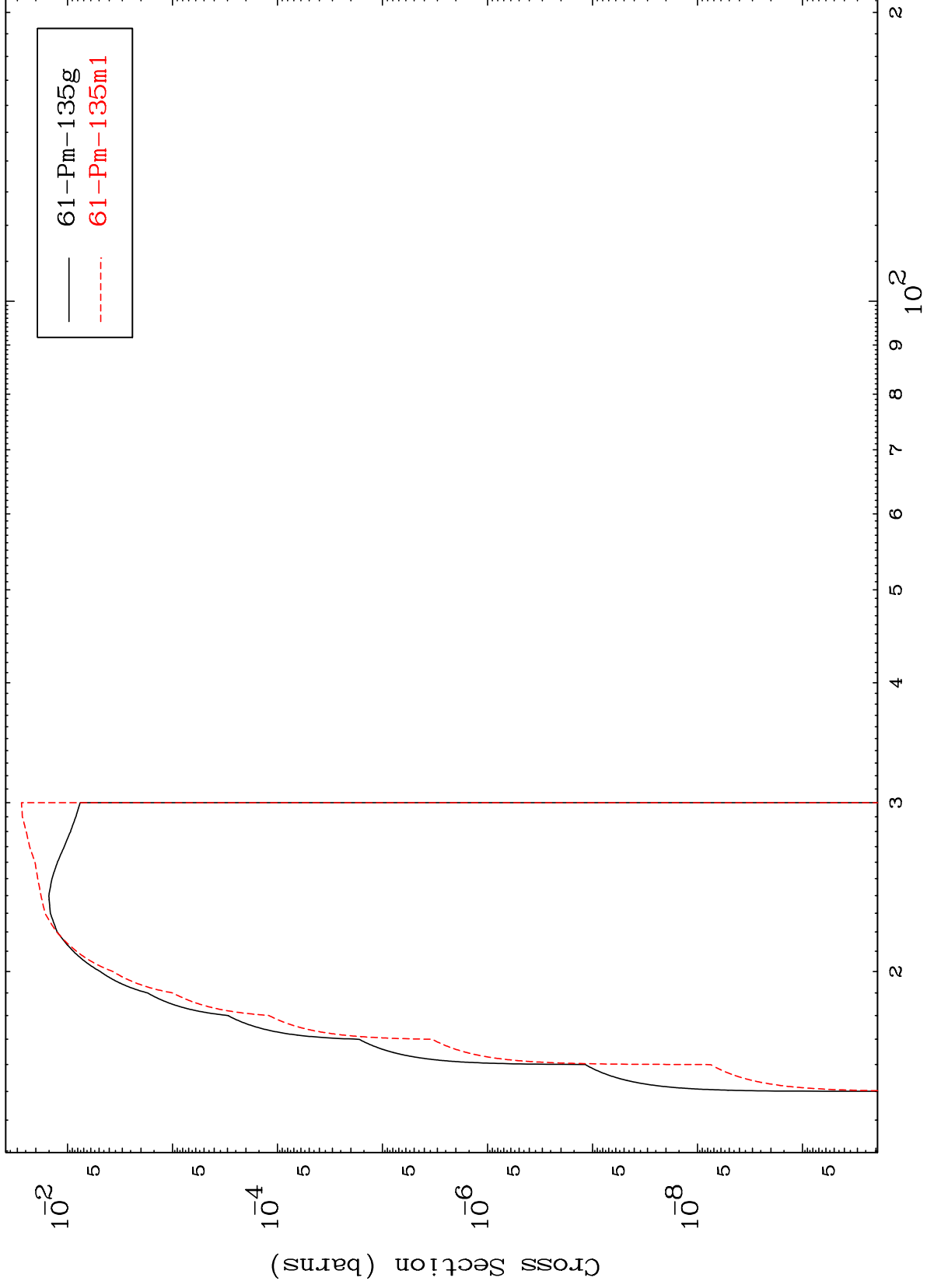
(n,n') d
Radionuclide Production Cross Section



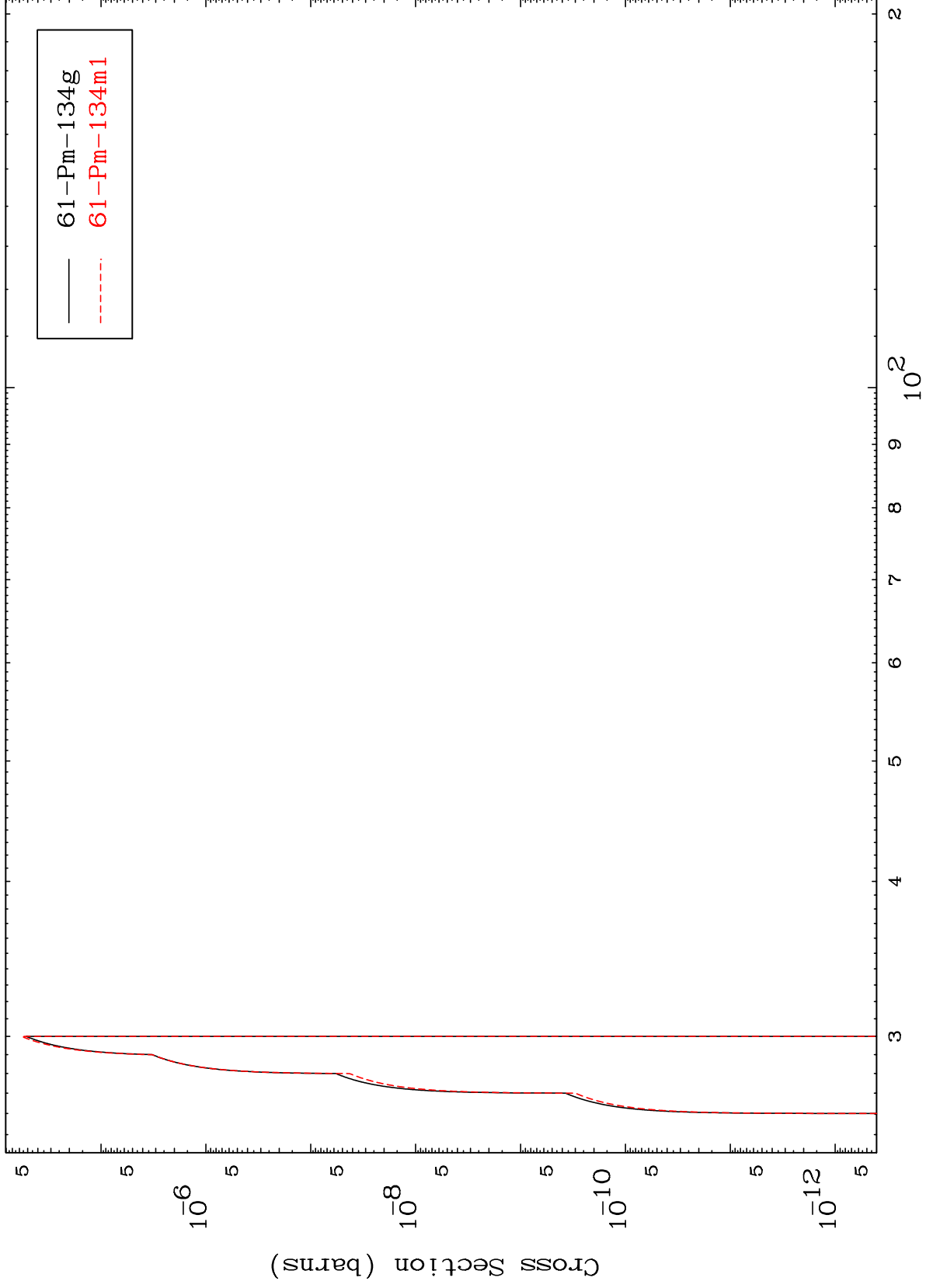
Radionuclide Production Cross Section



Radionuclide Production Cross Section



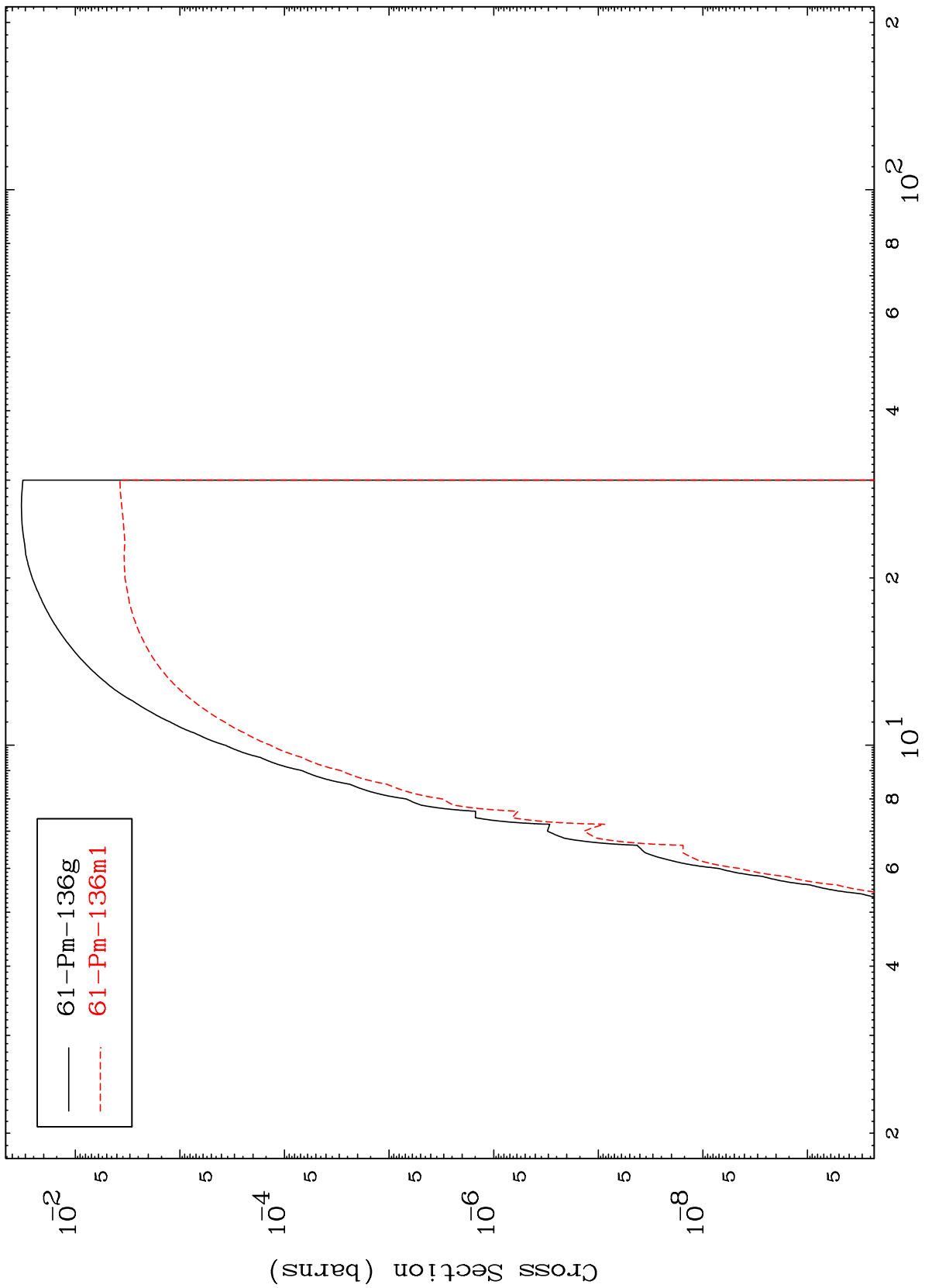
Radionuclide Production Cross Section



MAT 6204

62-Sm-137

(n,d)
Radionuclide Production Cross Section



58

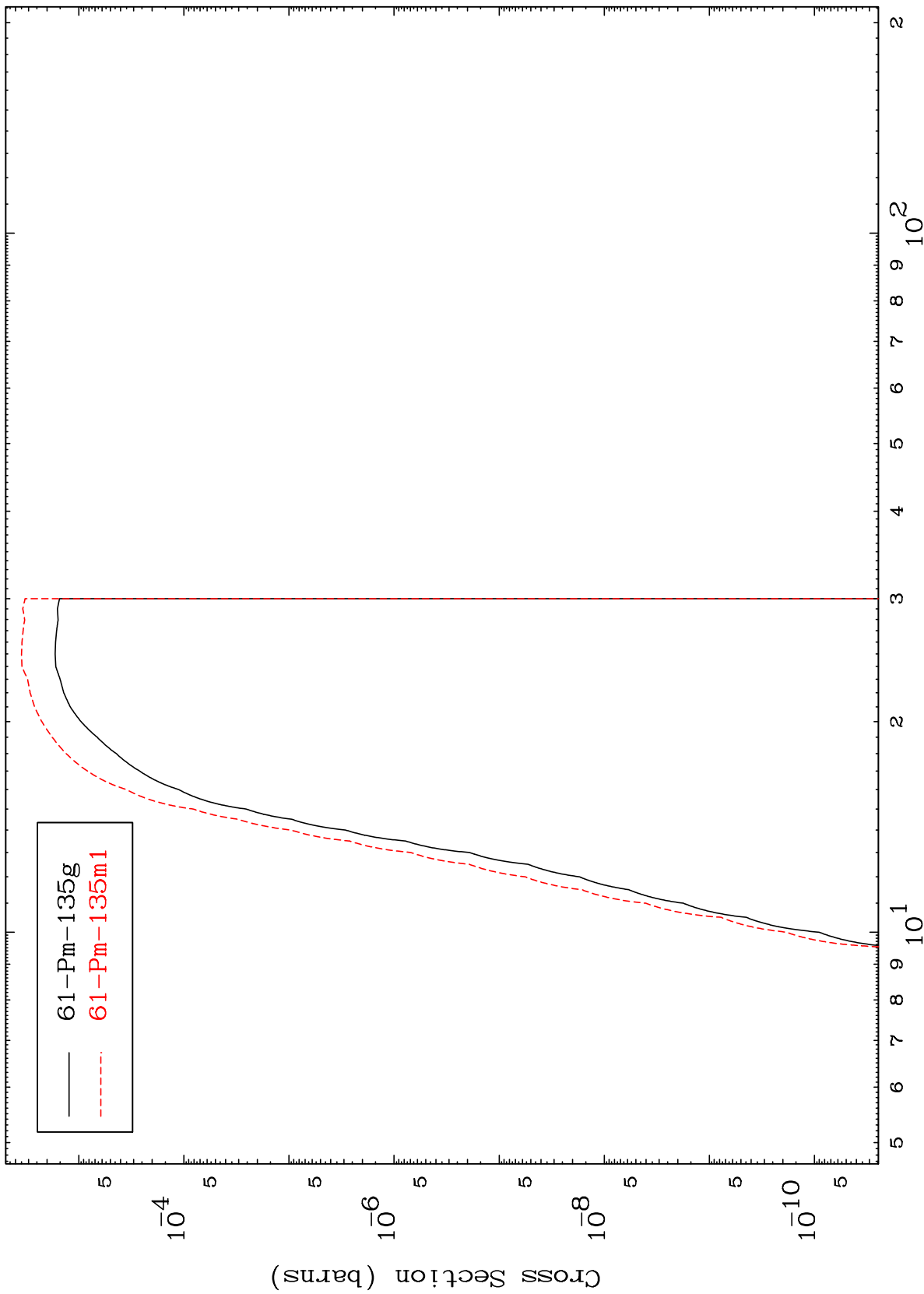
Incident Energy (MeV)

62-Sm-137

MAT 6204

62-Sm-137

(n, t)
Radionuclide Production Cross Section



59

Incident Energy (MeV)

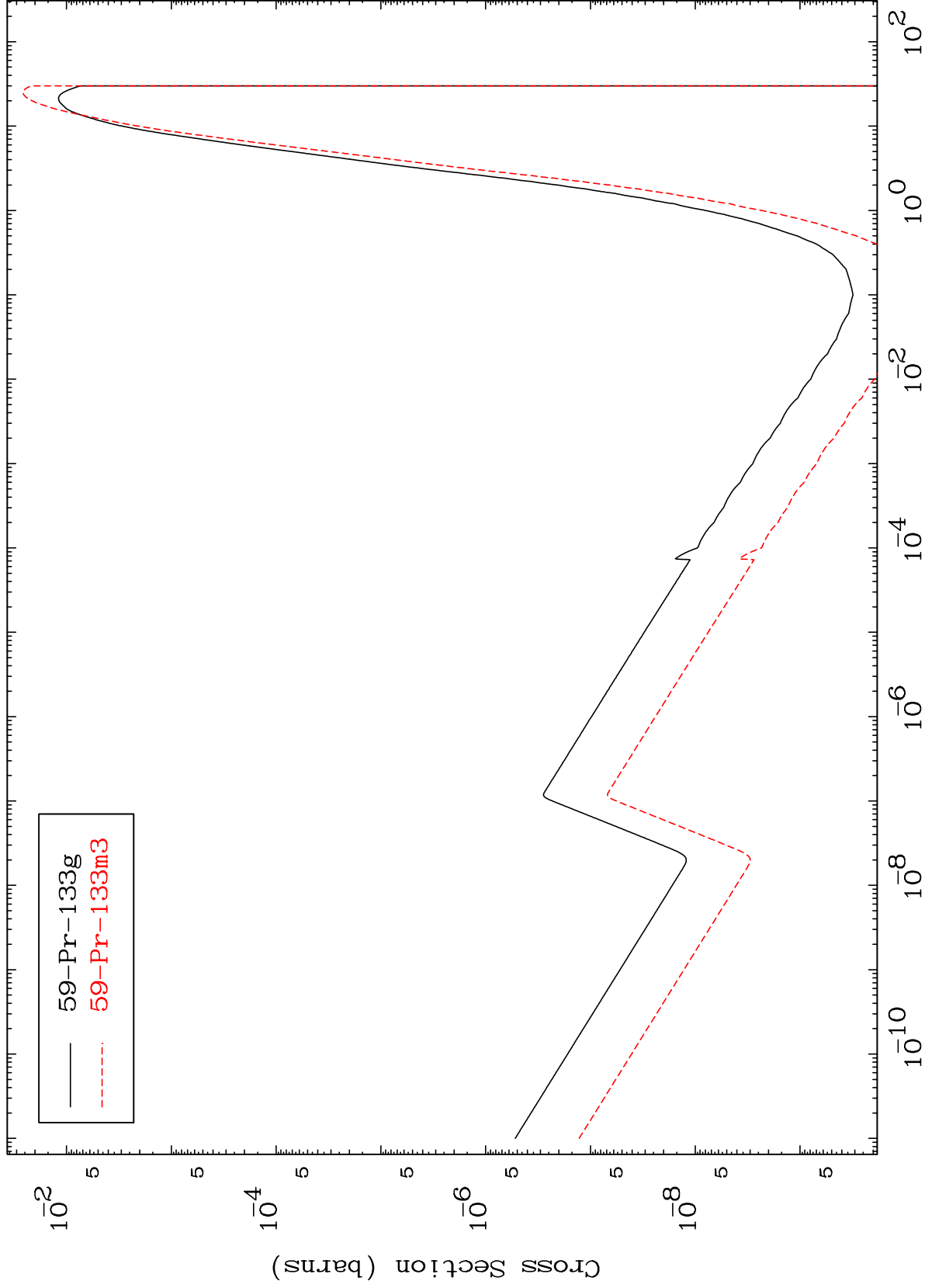
62-Sm-137

MAT 6204

(n,p) α

62-Sm-137

Radionuclide Production Cross Section



60

Incident Energy (MeV)

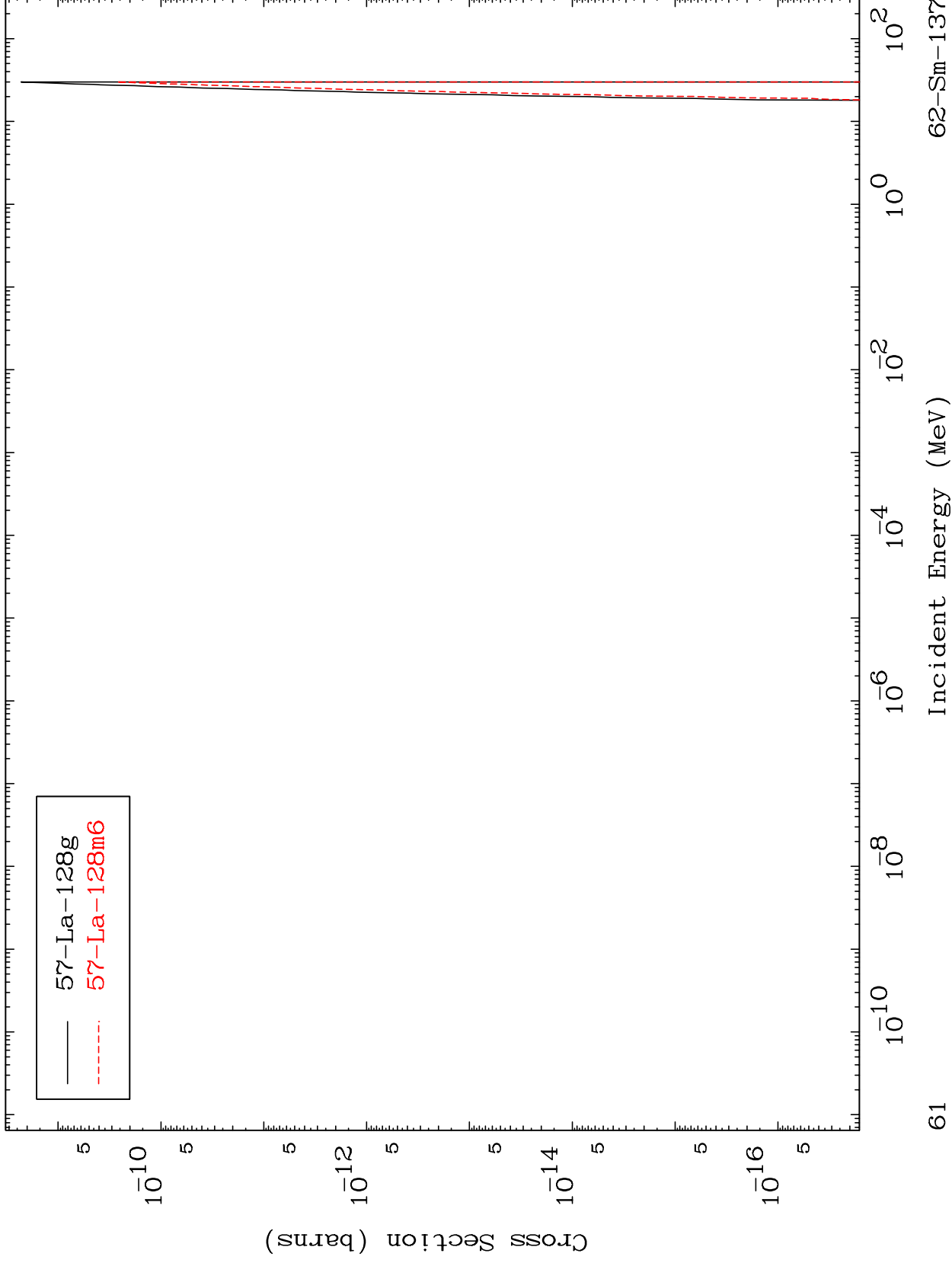
62-Sm-137

MAT 6204

(n,d) 2α

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

Radionuclide Production Cross Section



61

Incident Energy (MeV)

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