

Program EVALPLOT
(Version 2015-2)

by

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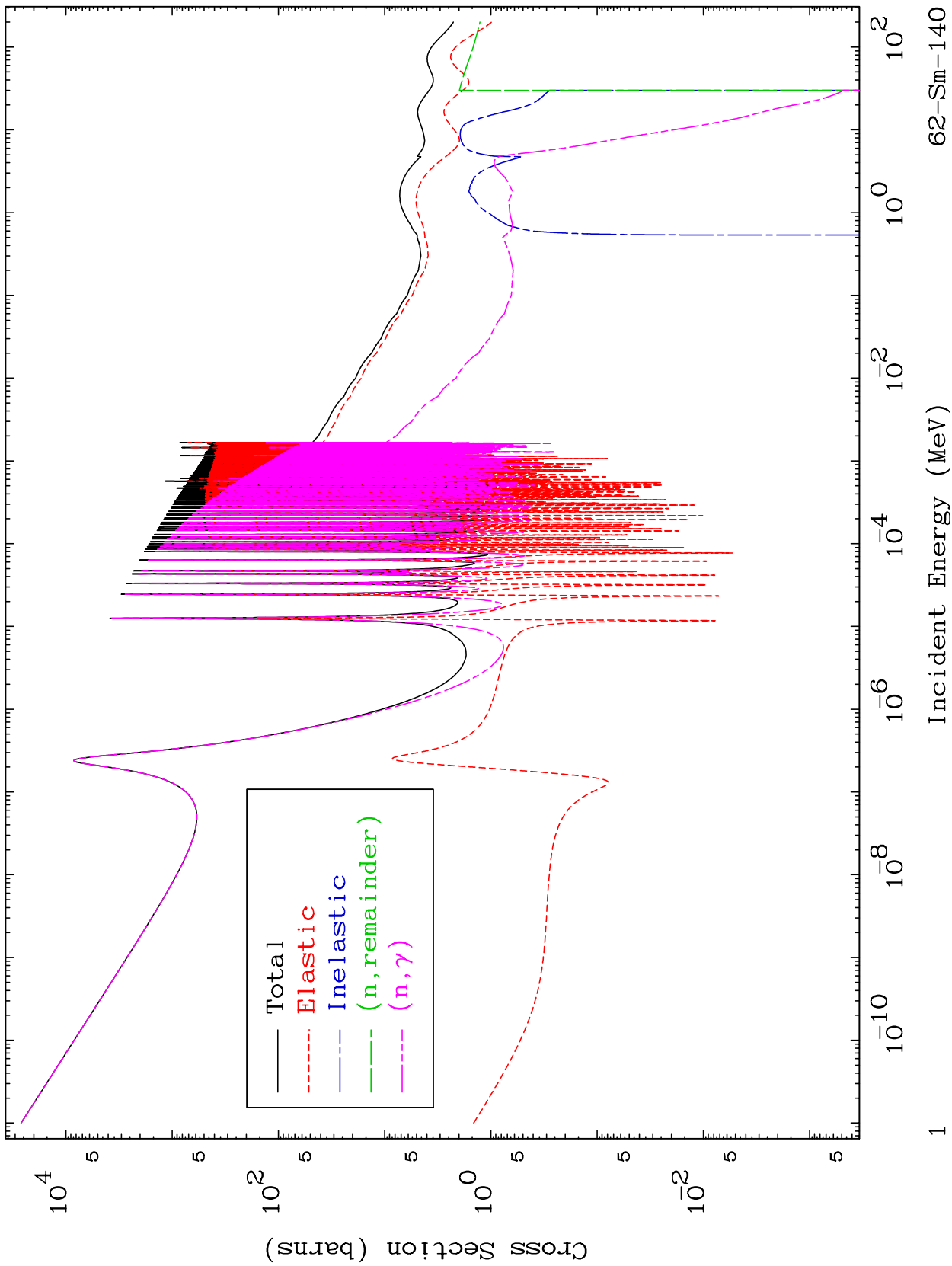
Press Mouse Button to Start

MAT 6213

Major

293 Kelvin Cross Sections

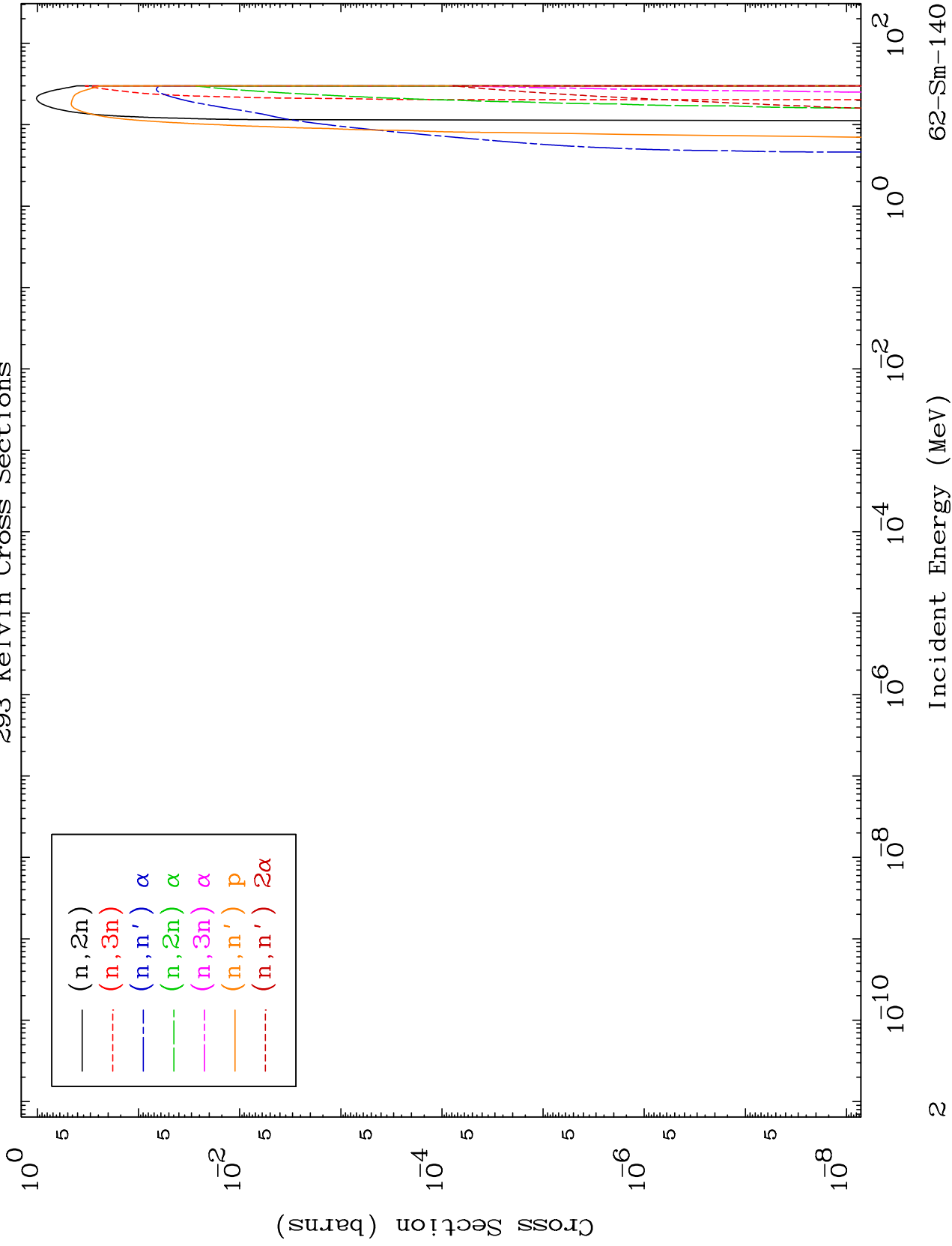
62-Sm-140



MAT 6213

Neutron Production
293 Kelvin Cross Sections

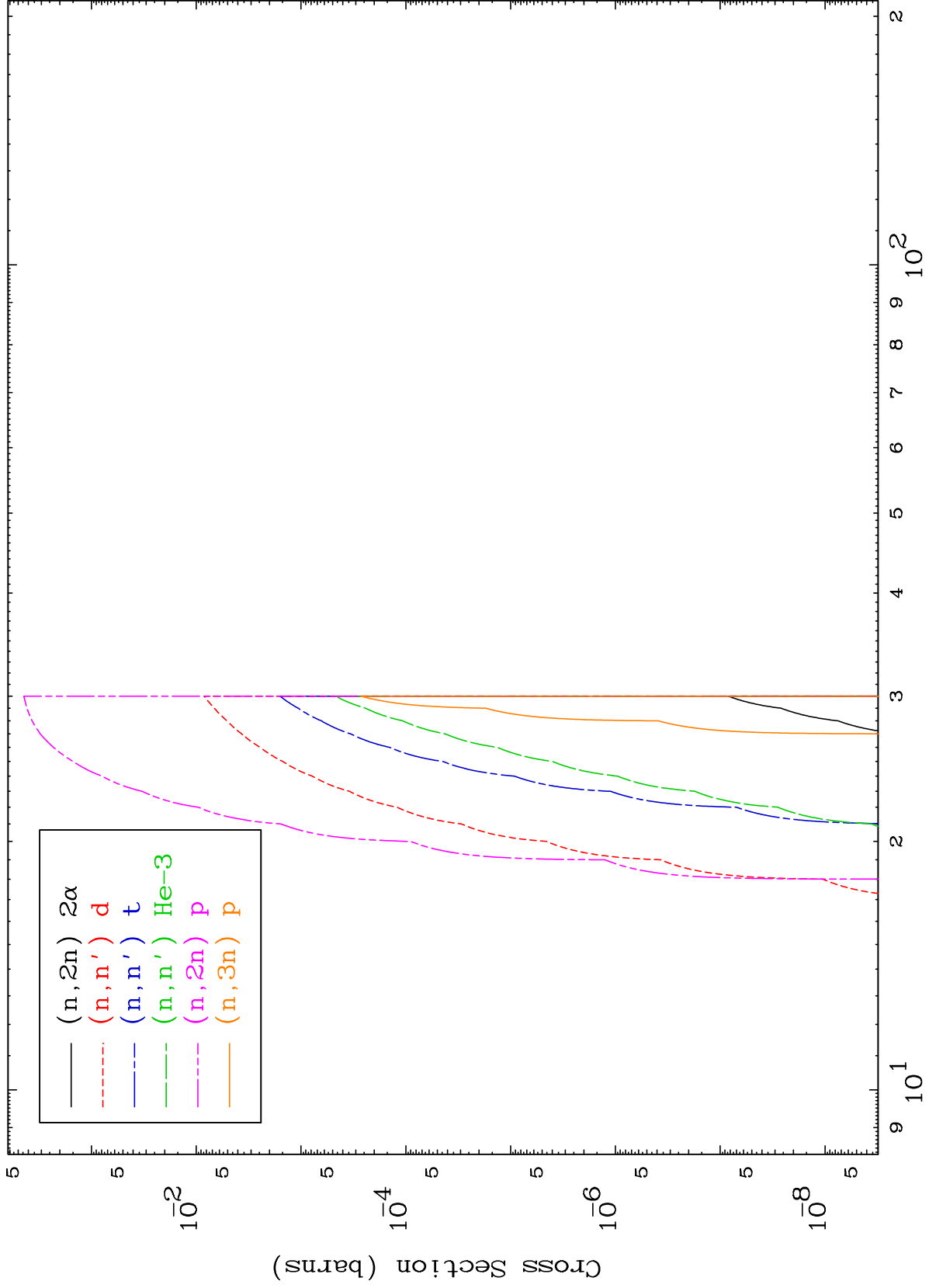
62-Sm-140



MAT 6213

Neutron Production
293 Kelvin Cross Sections

62-Sm-140



62-Sm-140

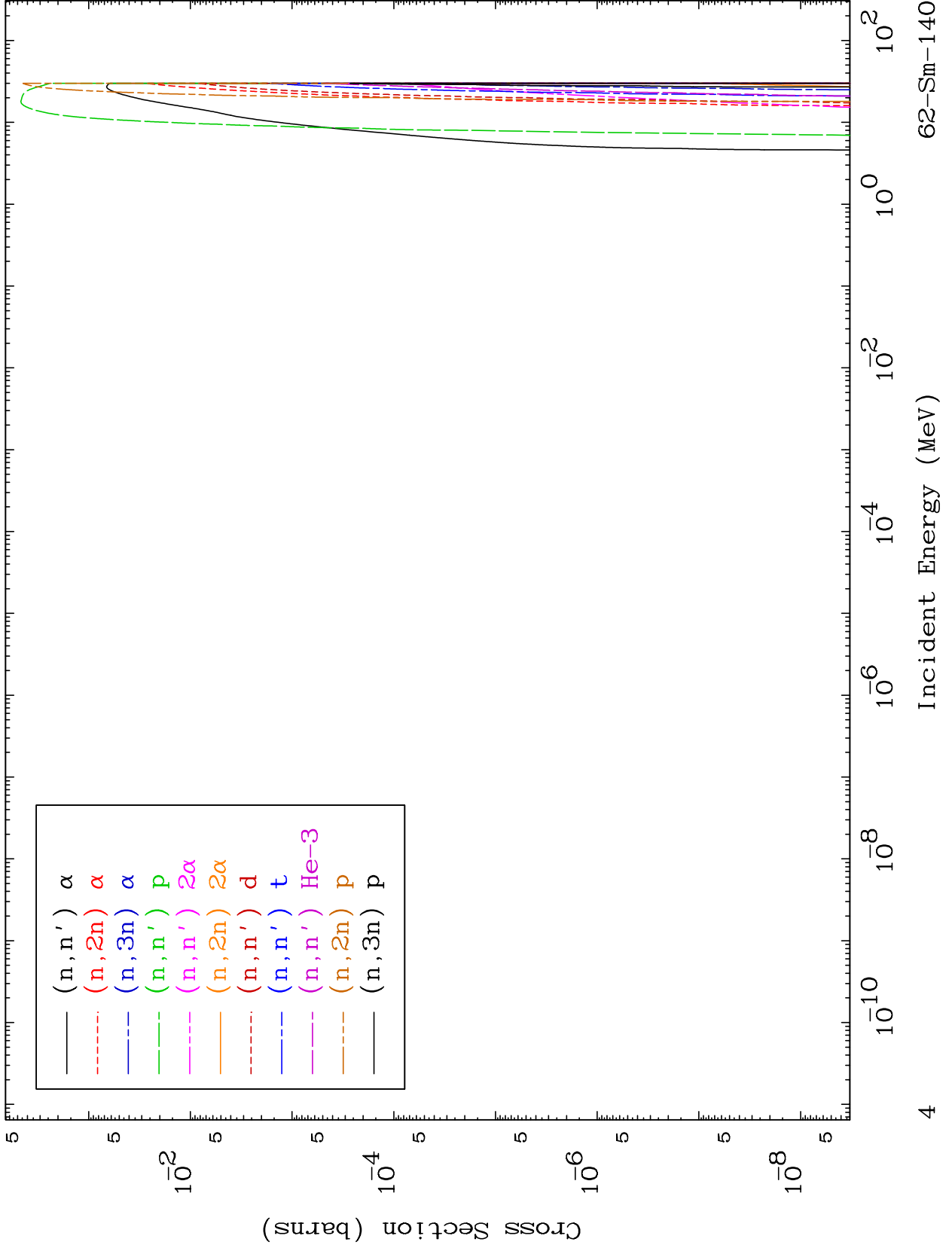
Incident Energy (MeV)

3

MAT 6213

Charged Particle
293 Kelvin Cross Sections

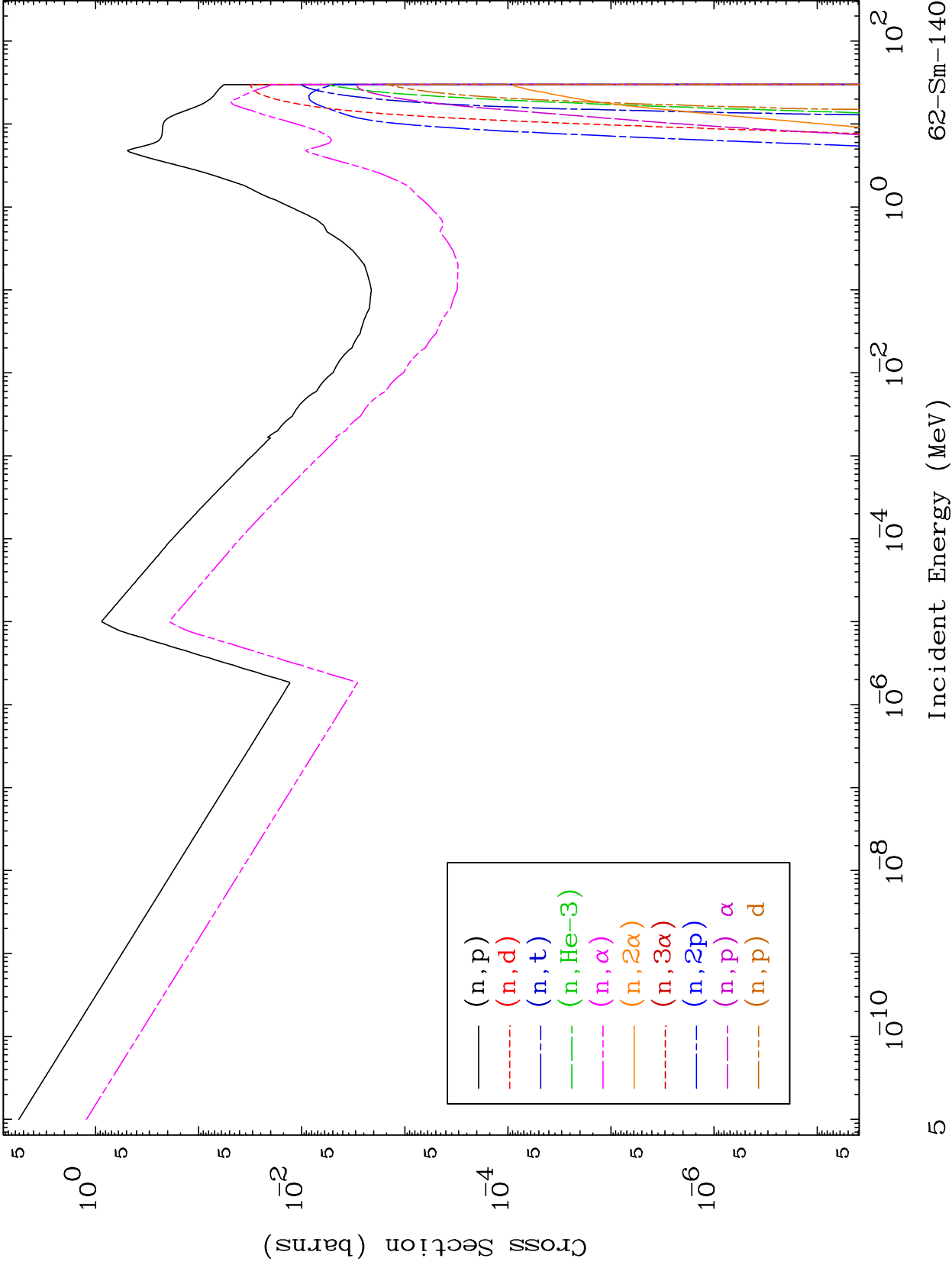
62-Sm-140



MAT 6213

Charged Particle
293 Kelvin Cross Sections

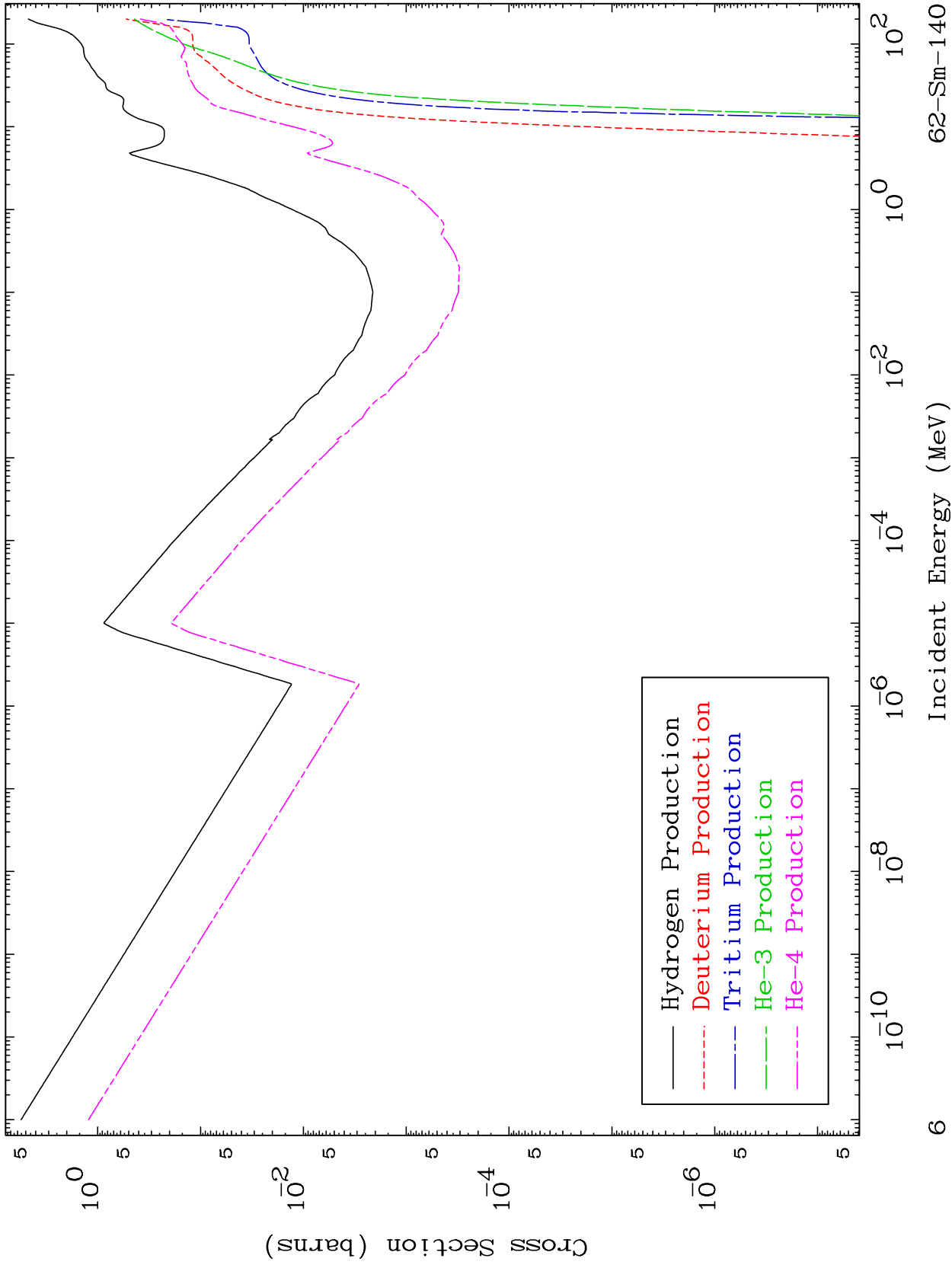
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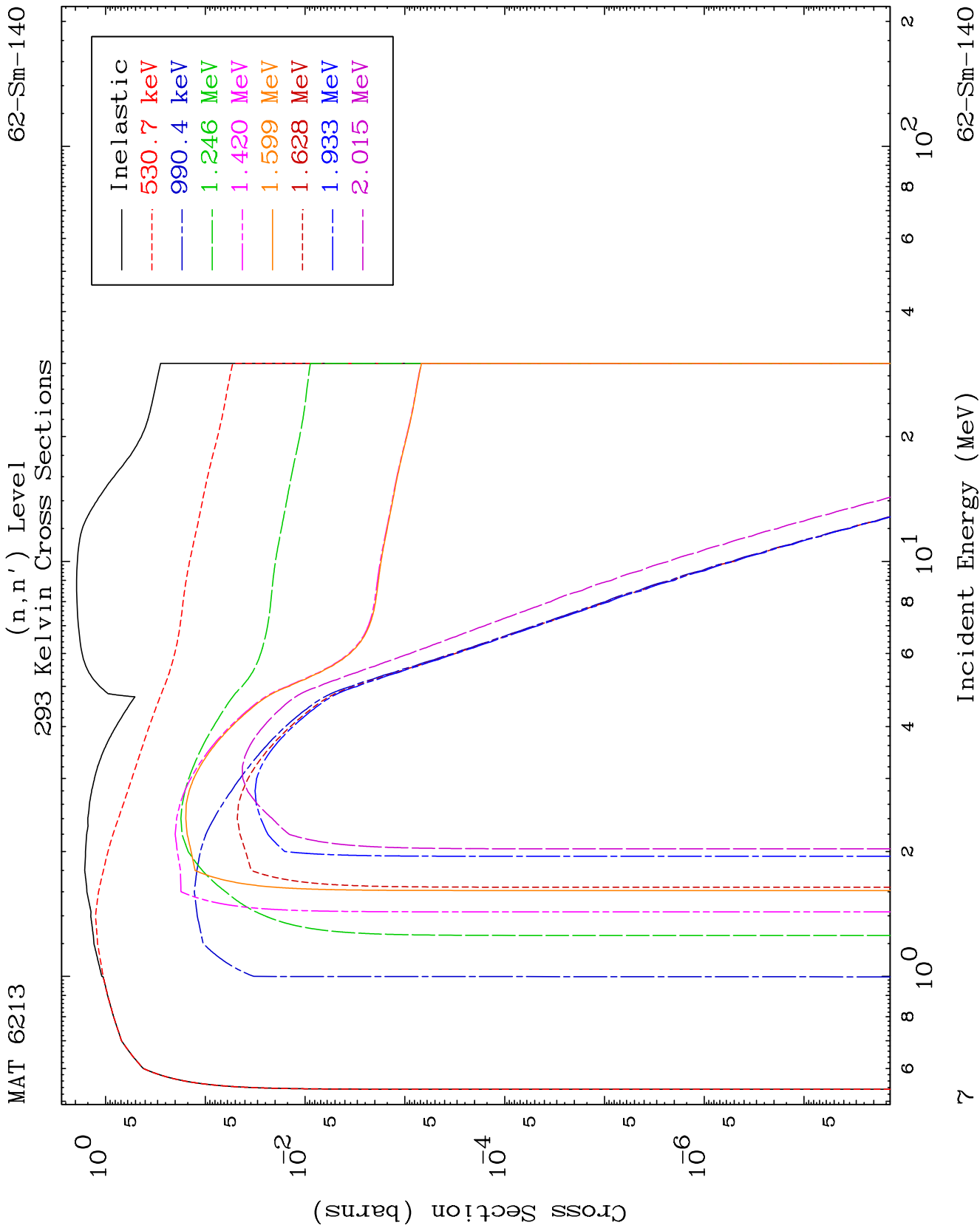


MAT 6213

Particle Production
293 Kelvin Cross Sections

62-Sm-140



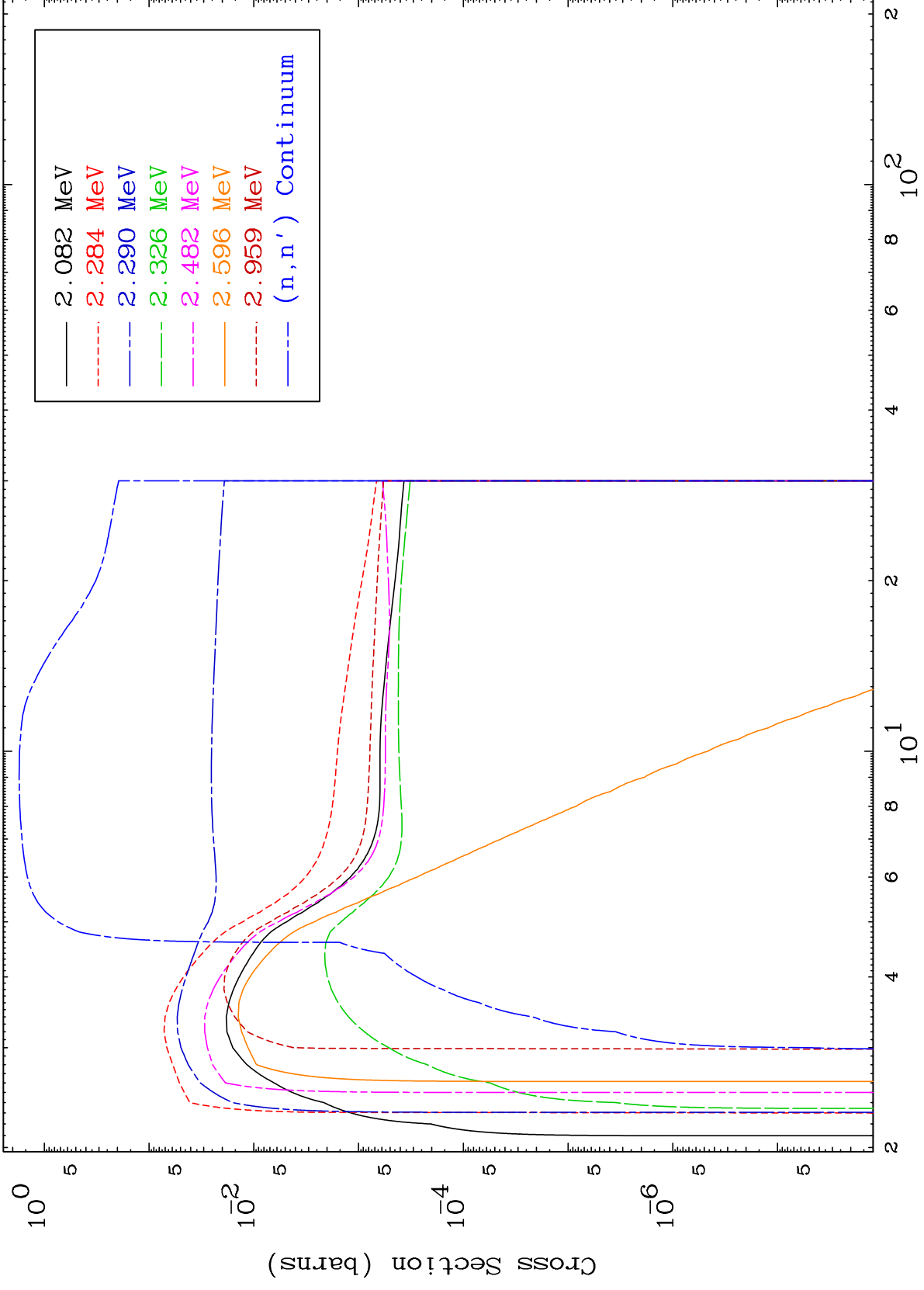


MAT 6213

(n,n') Level

62-Sm-140

293 Kelvin Cross Sections



8

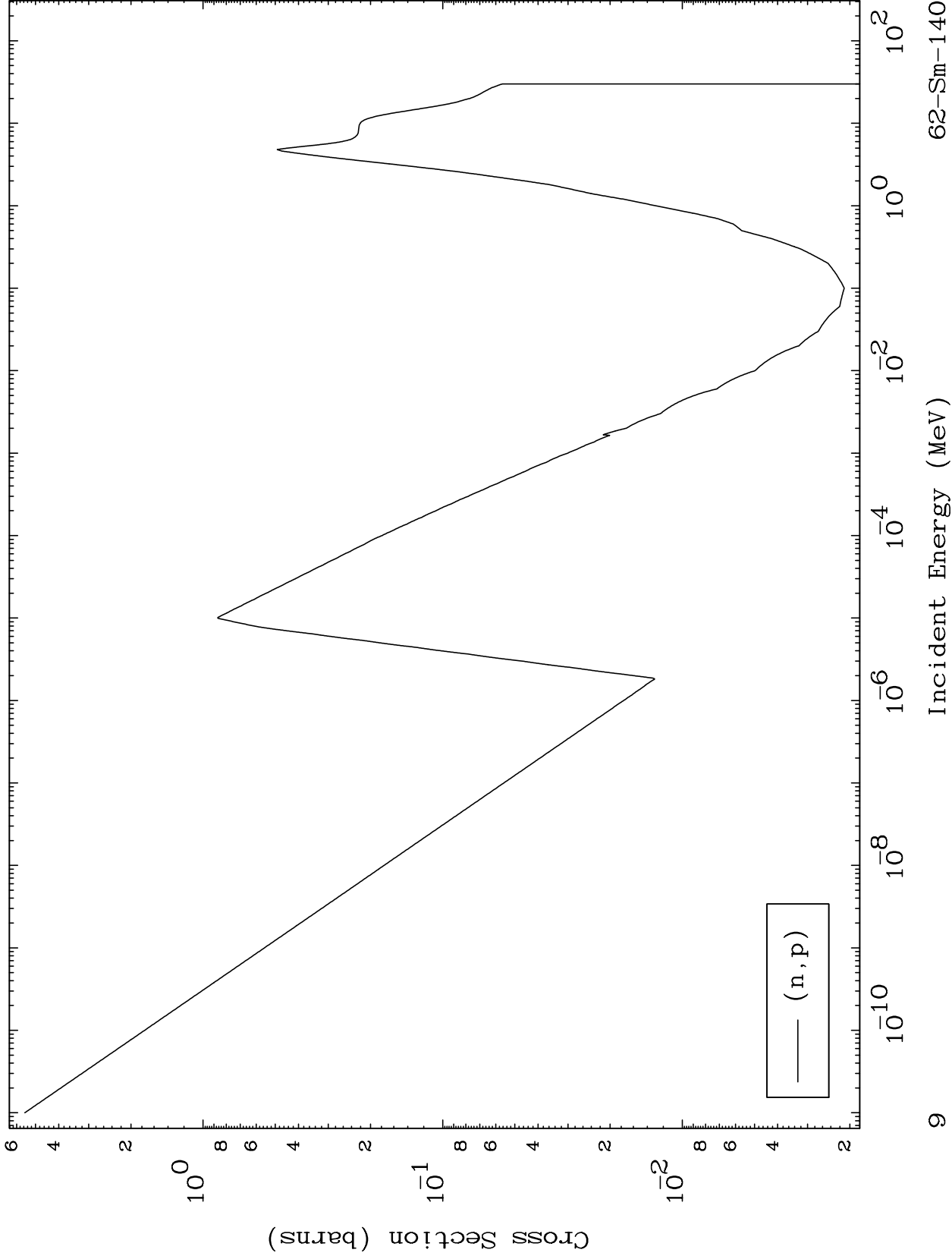
Incident Energy (MeV)

62-Sm-140

MAT 6213

(n,p) Levels
293 Kelvin Cross Sections

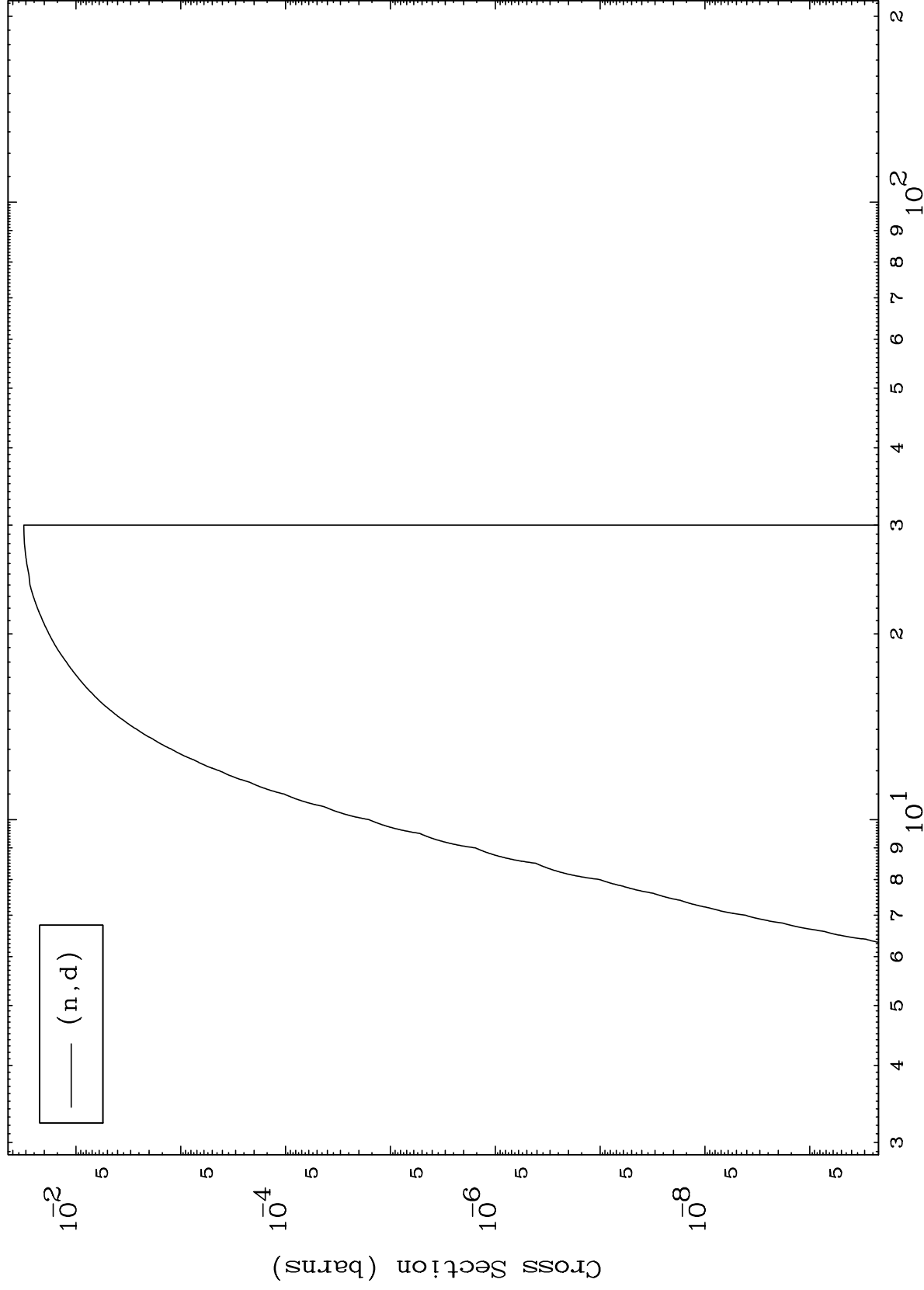
62-Sm-140



MAT 6213

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-140



Incident Energy (MeV)

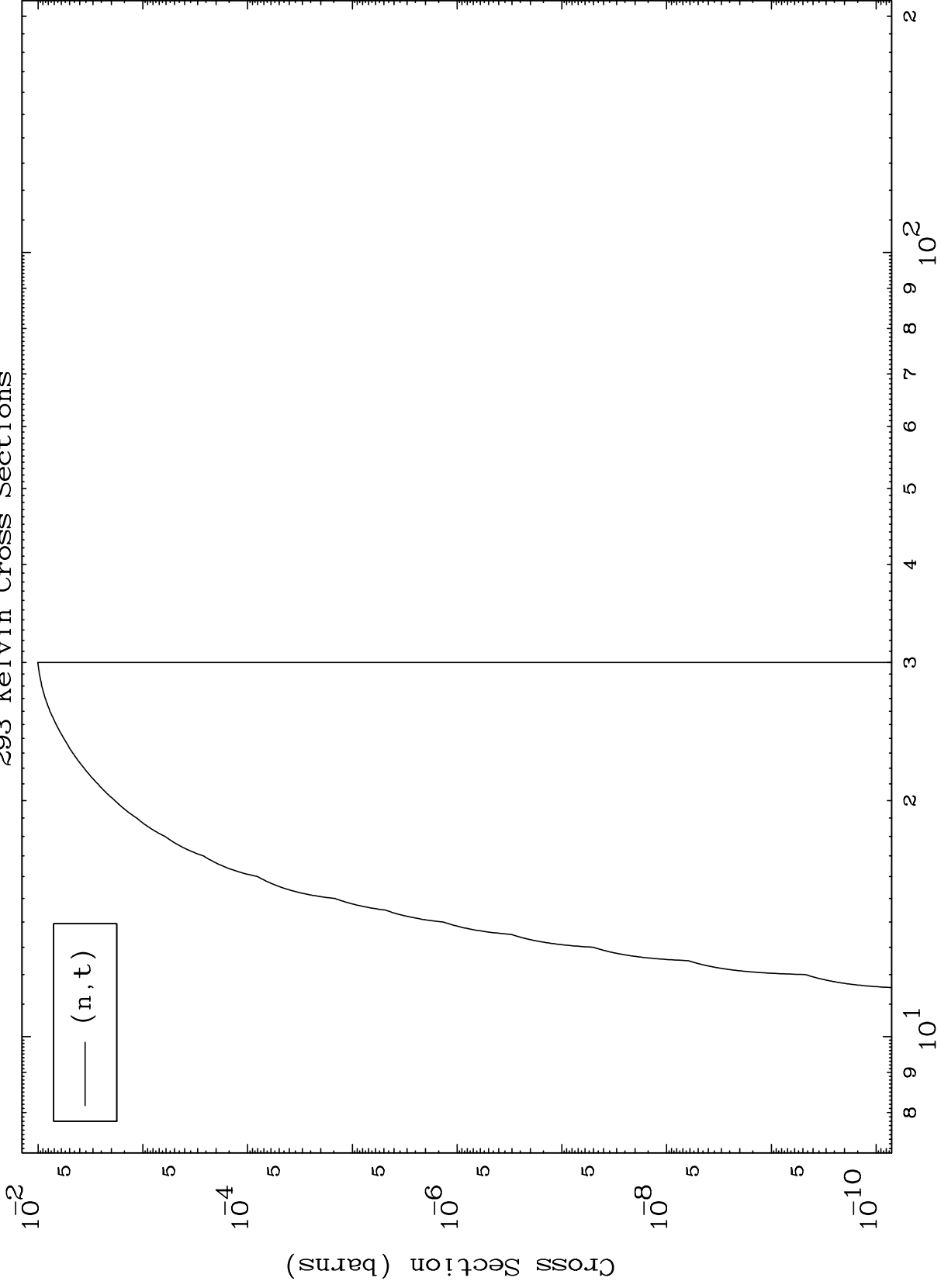
62-Sm-140

10

MAT 6213

(n,t) Levels
293 Kelvin Cross Sections

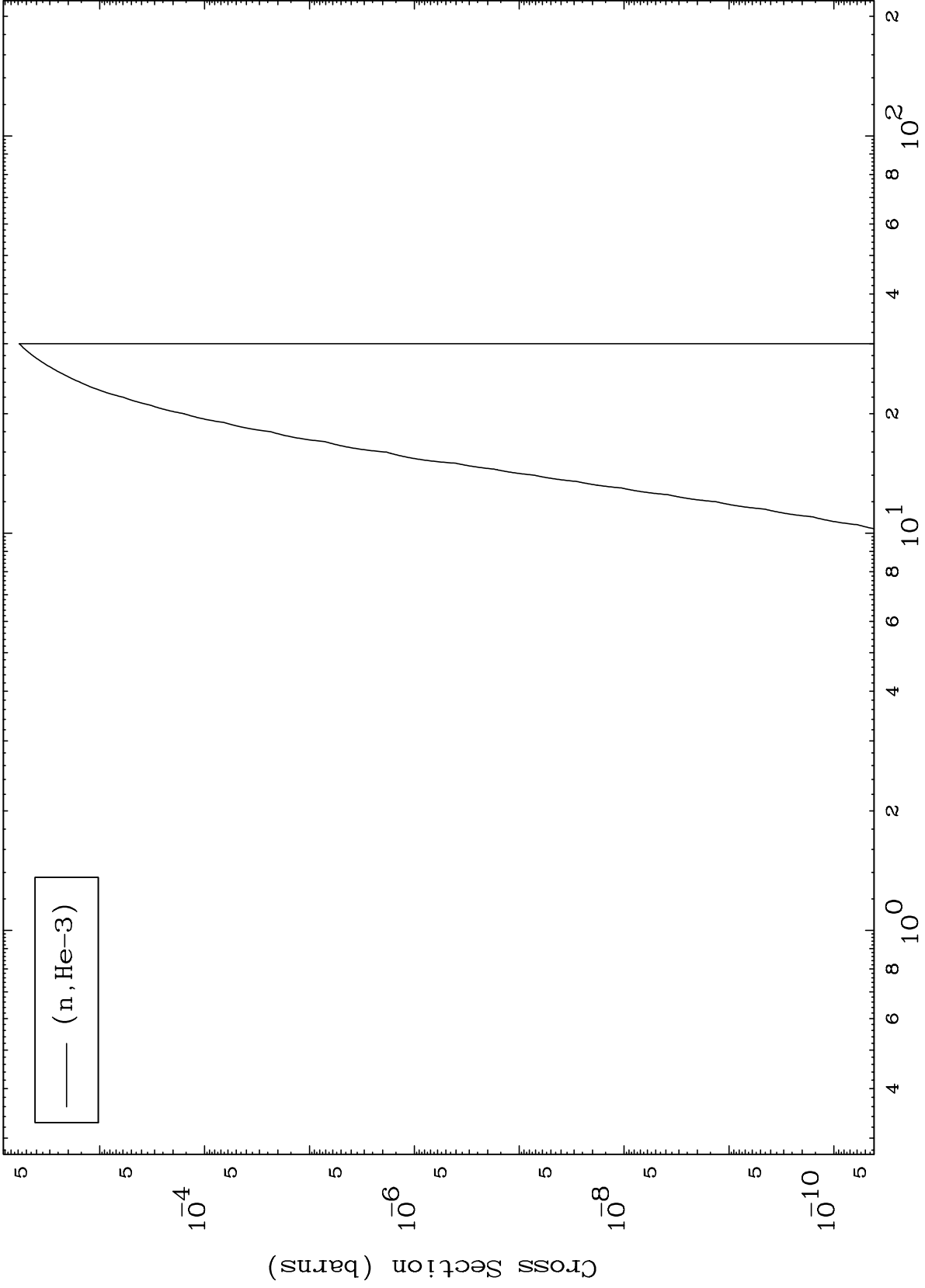
62-Sm-140



MAT 6213

(n,He3) Levels
293 Kelvin Cross Sections

62-Sm-140



12

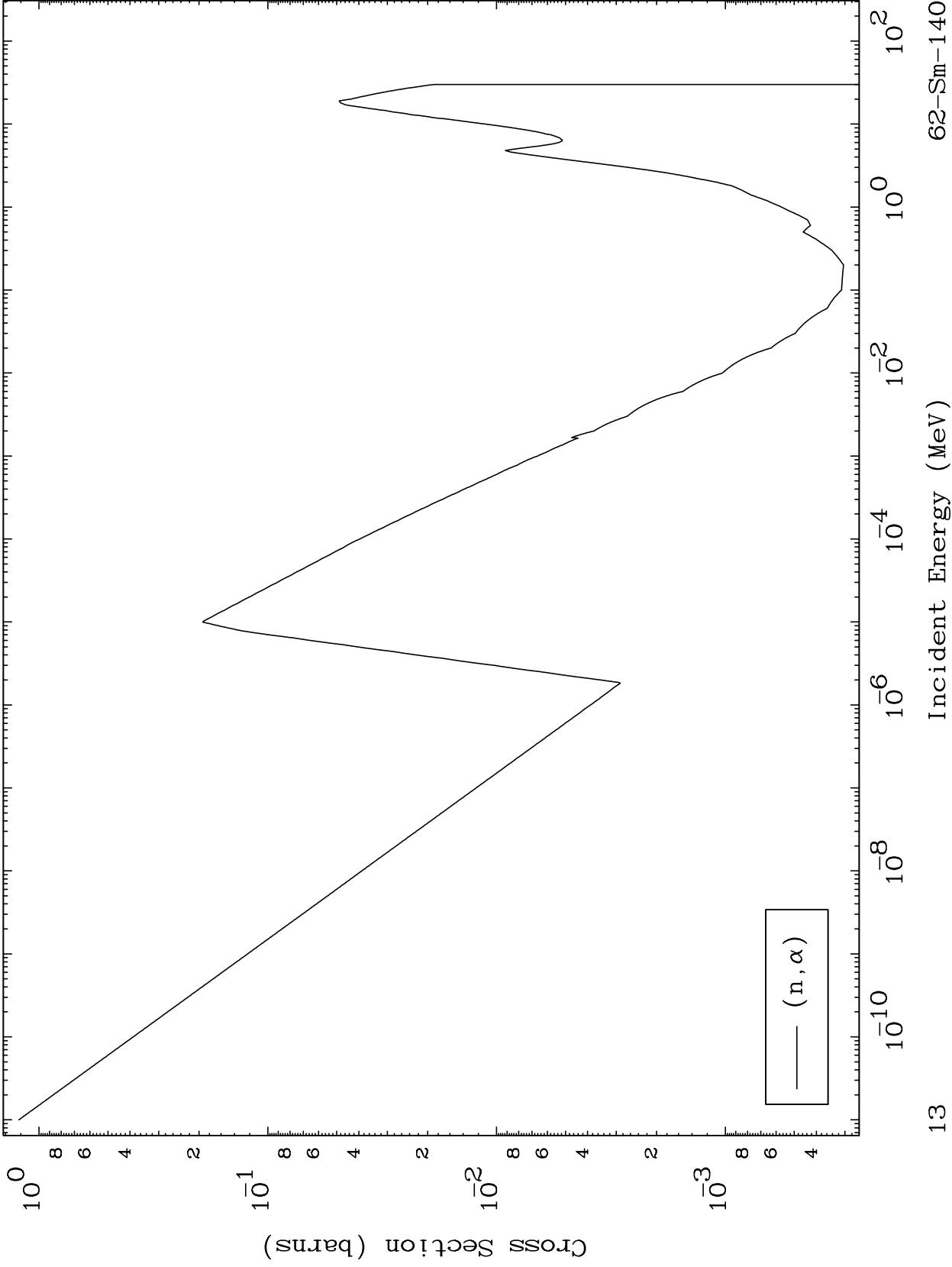
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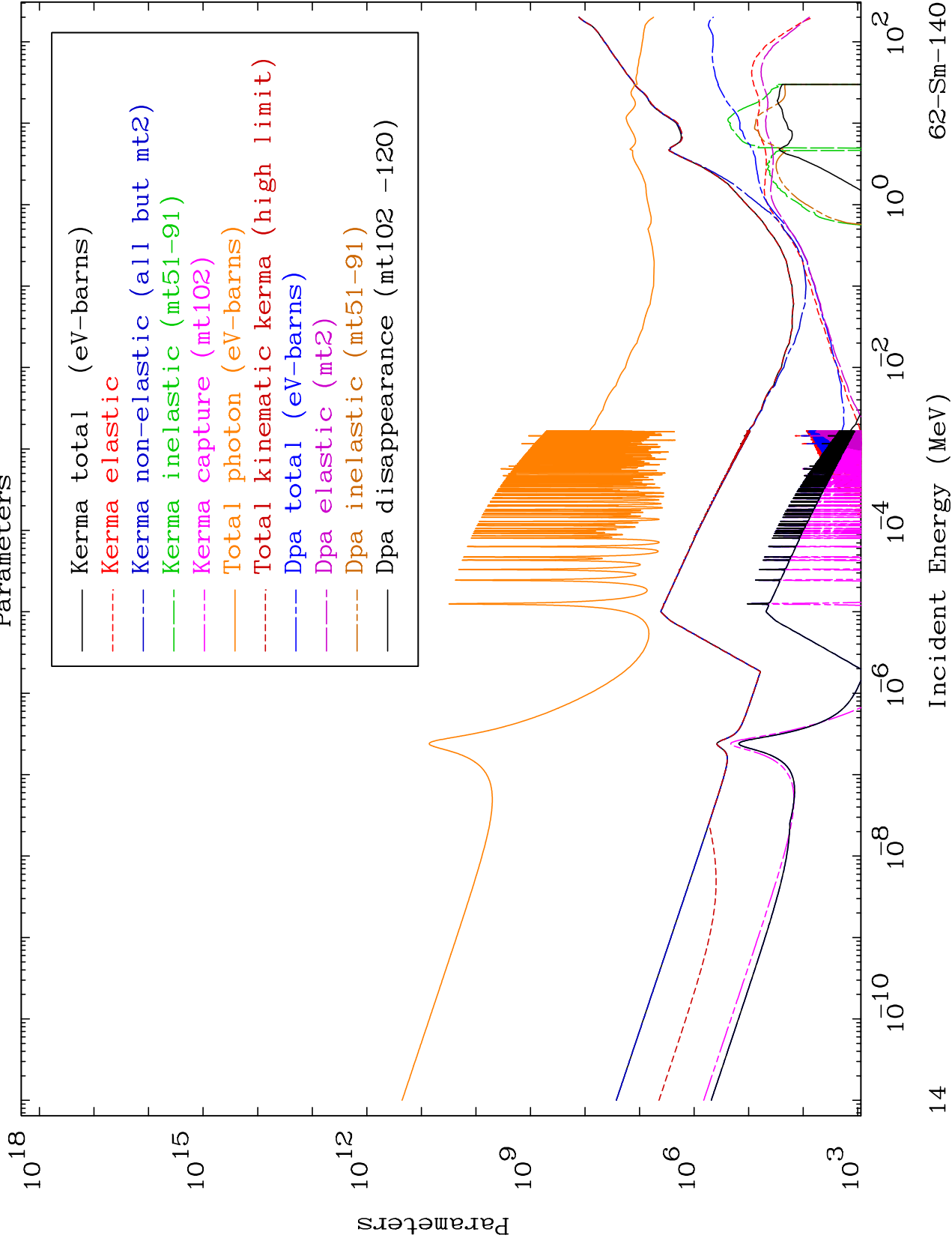
62-Sm-140

MAT 6213

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-140

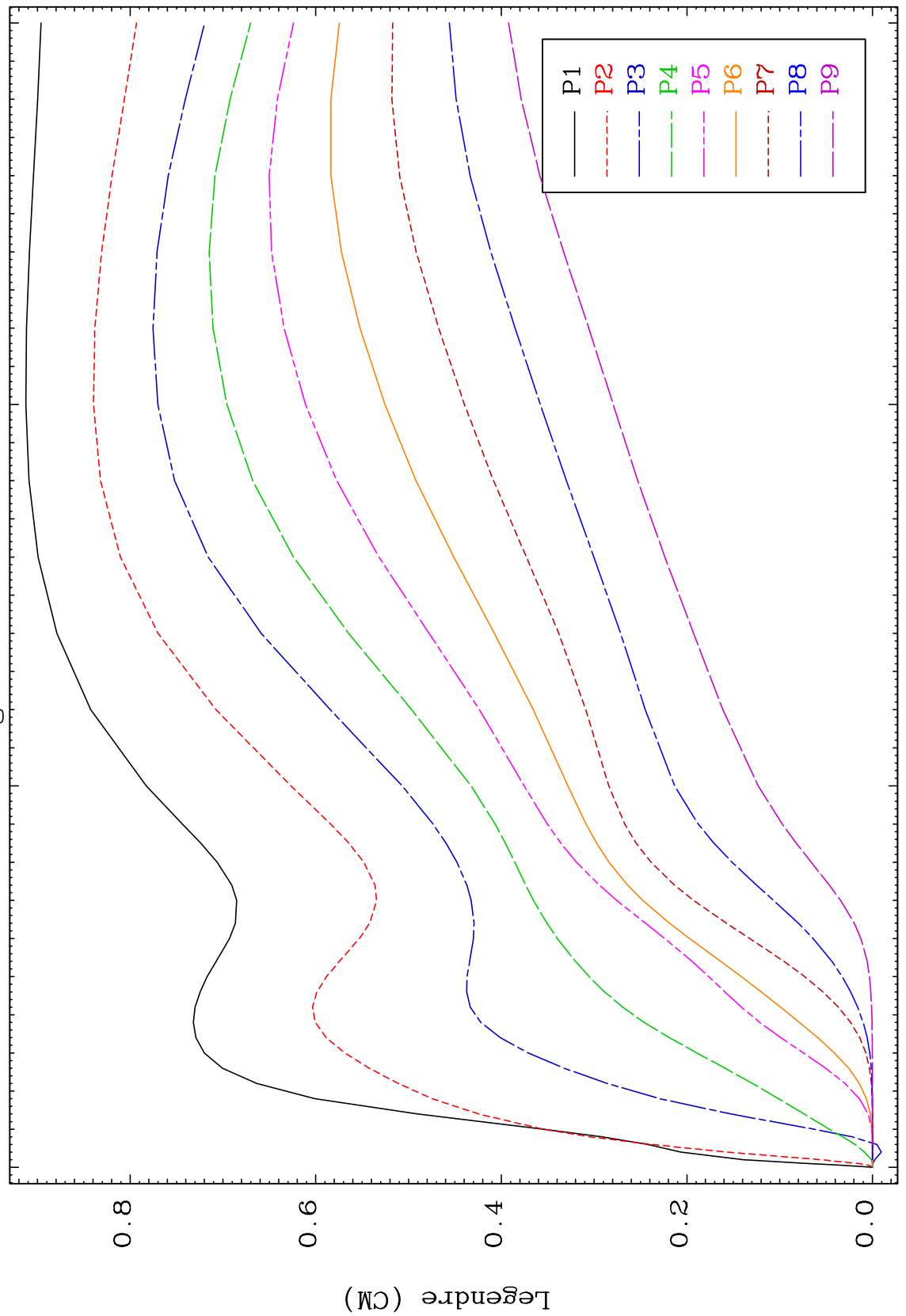




MAT 6213

Elastic Legendre Coefficients

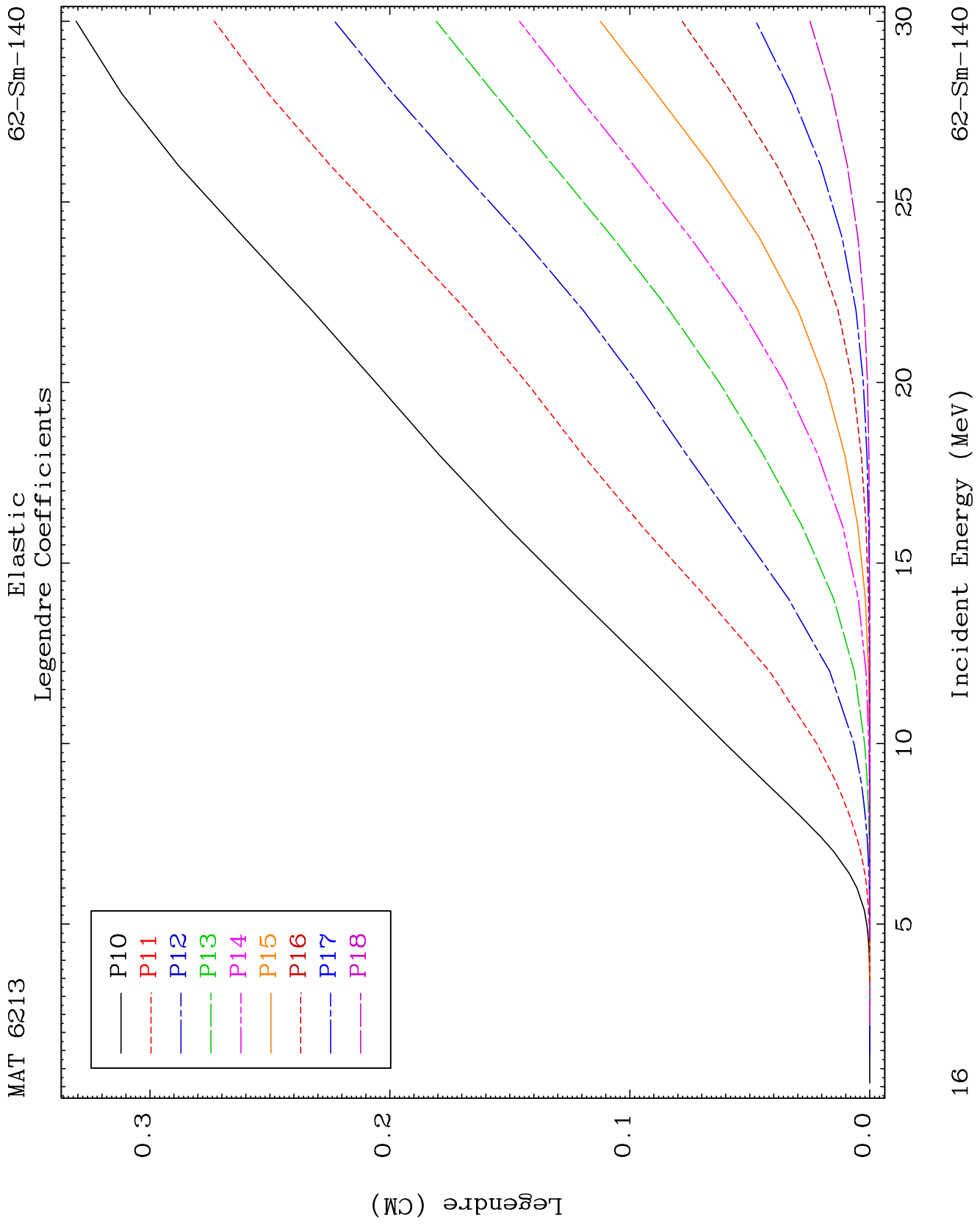
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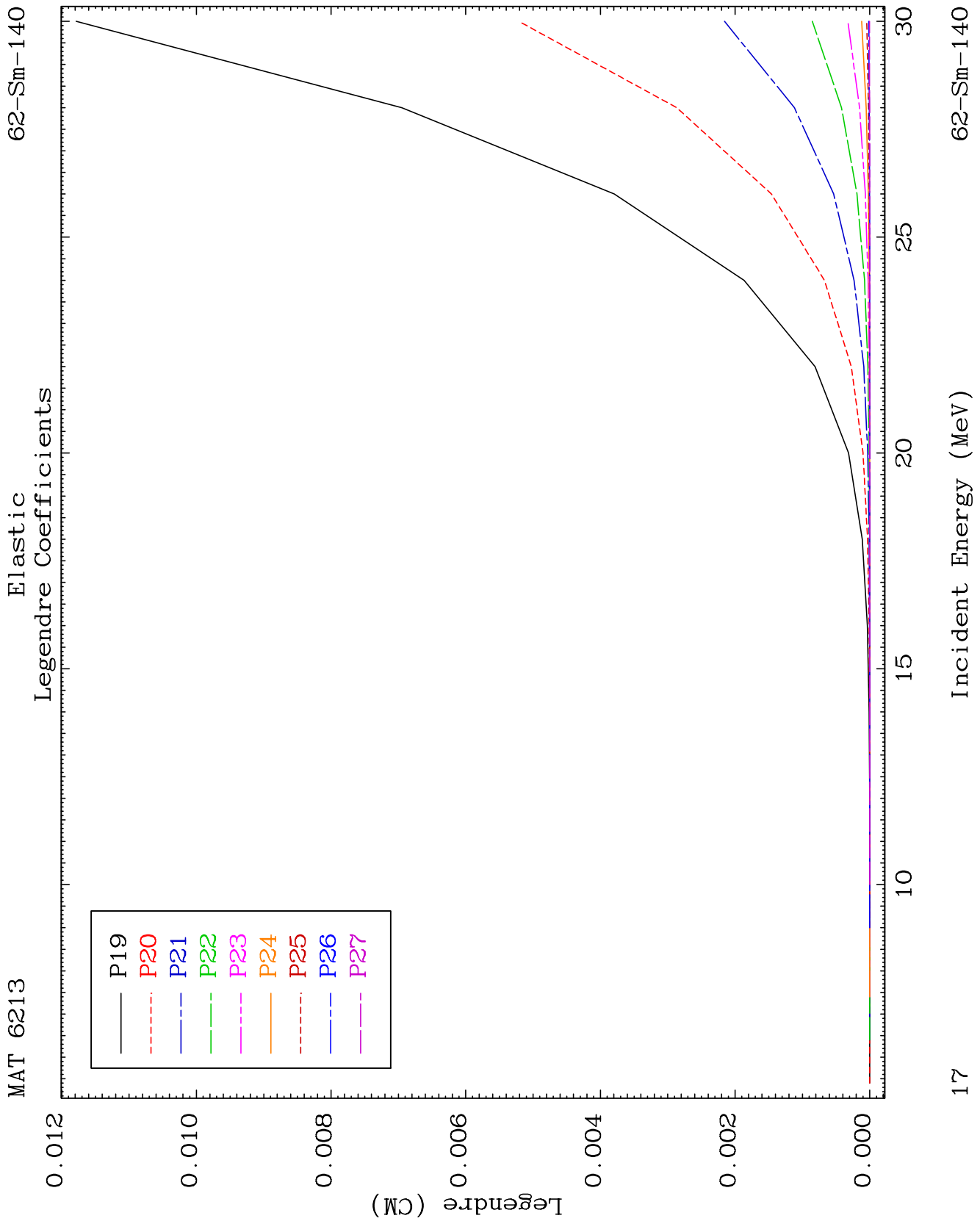


15

Incident Energy (MeV)

62-Sm-140

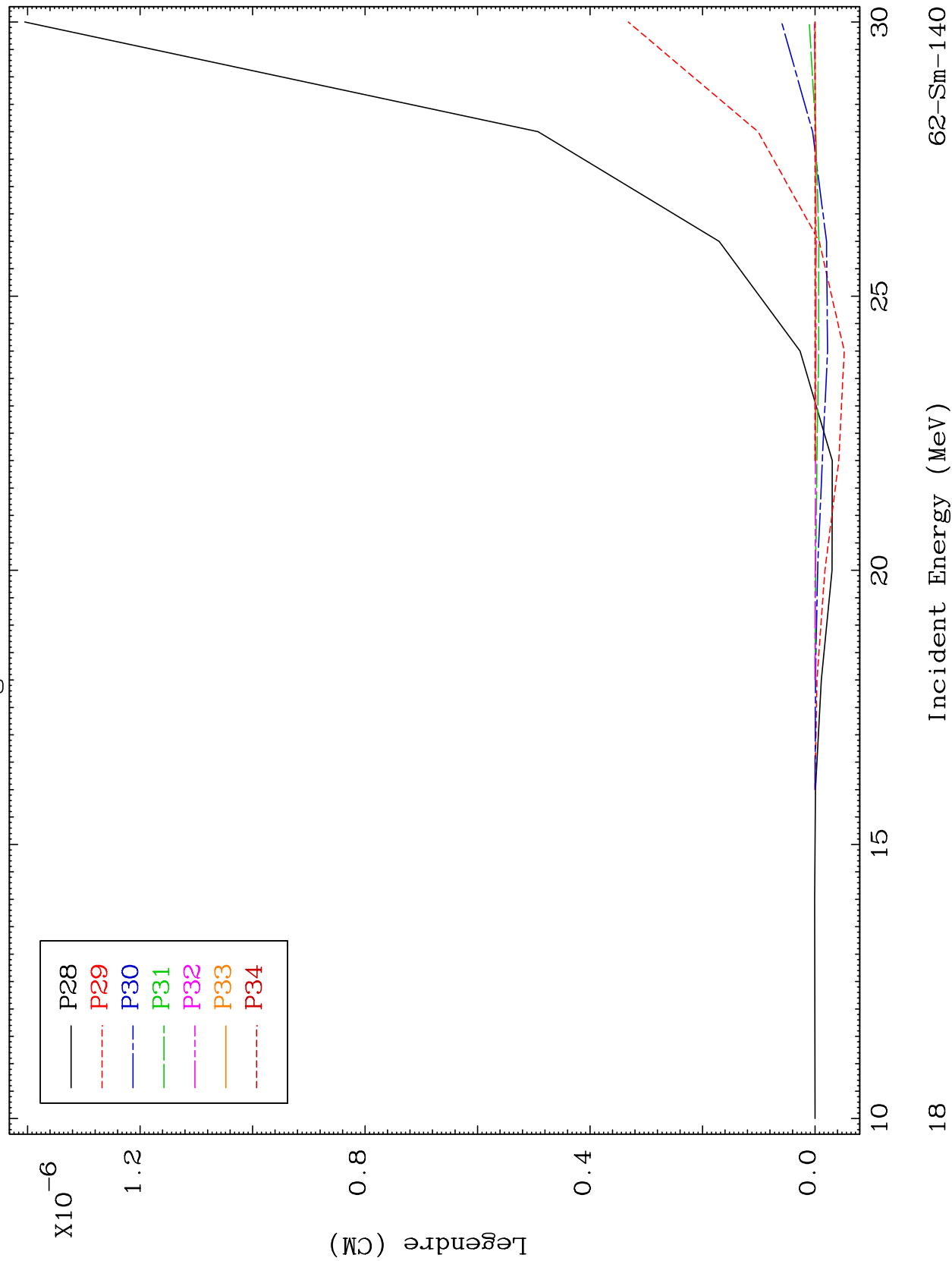




MAT 6213

Elastic
Legendre Coefficients

62-Sm-140



18

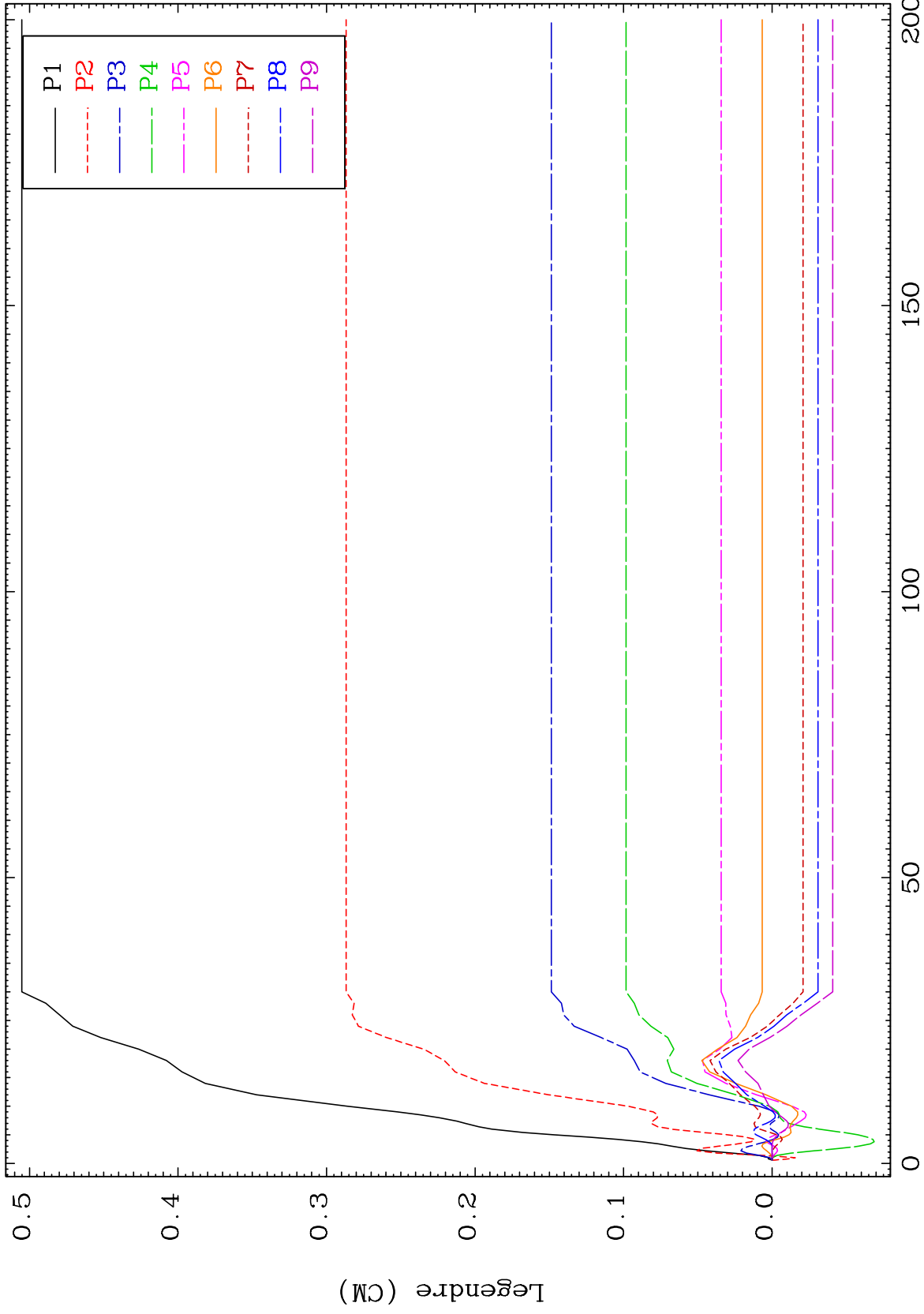
Incident Energy (MeV)

62-Sm-140

MAT 6213

530.7 keV (n,n') Level
Legendre Coefficients

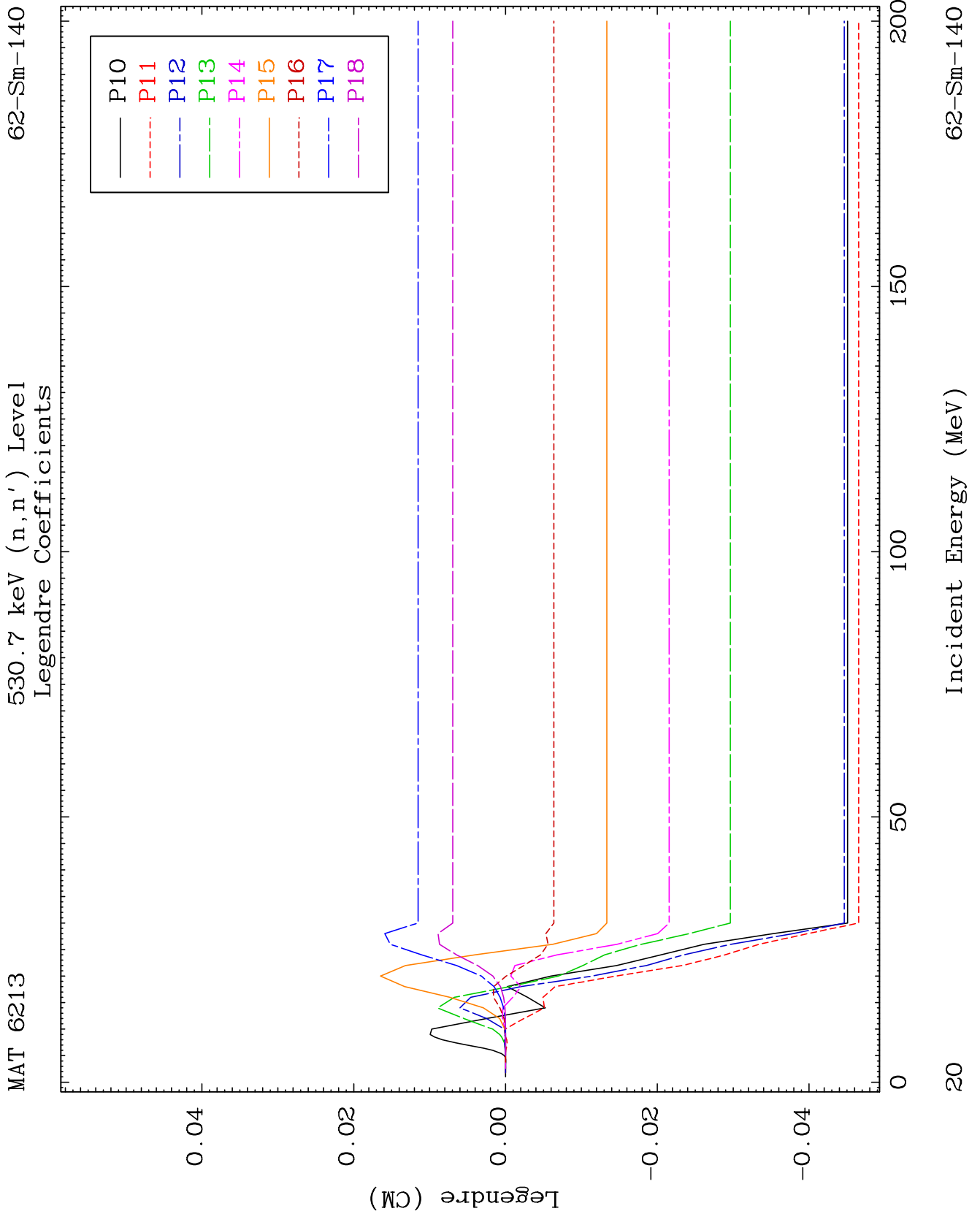
62-Sm-140



62-Sm-140

Incident Energy (MeV)

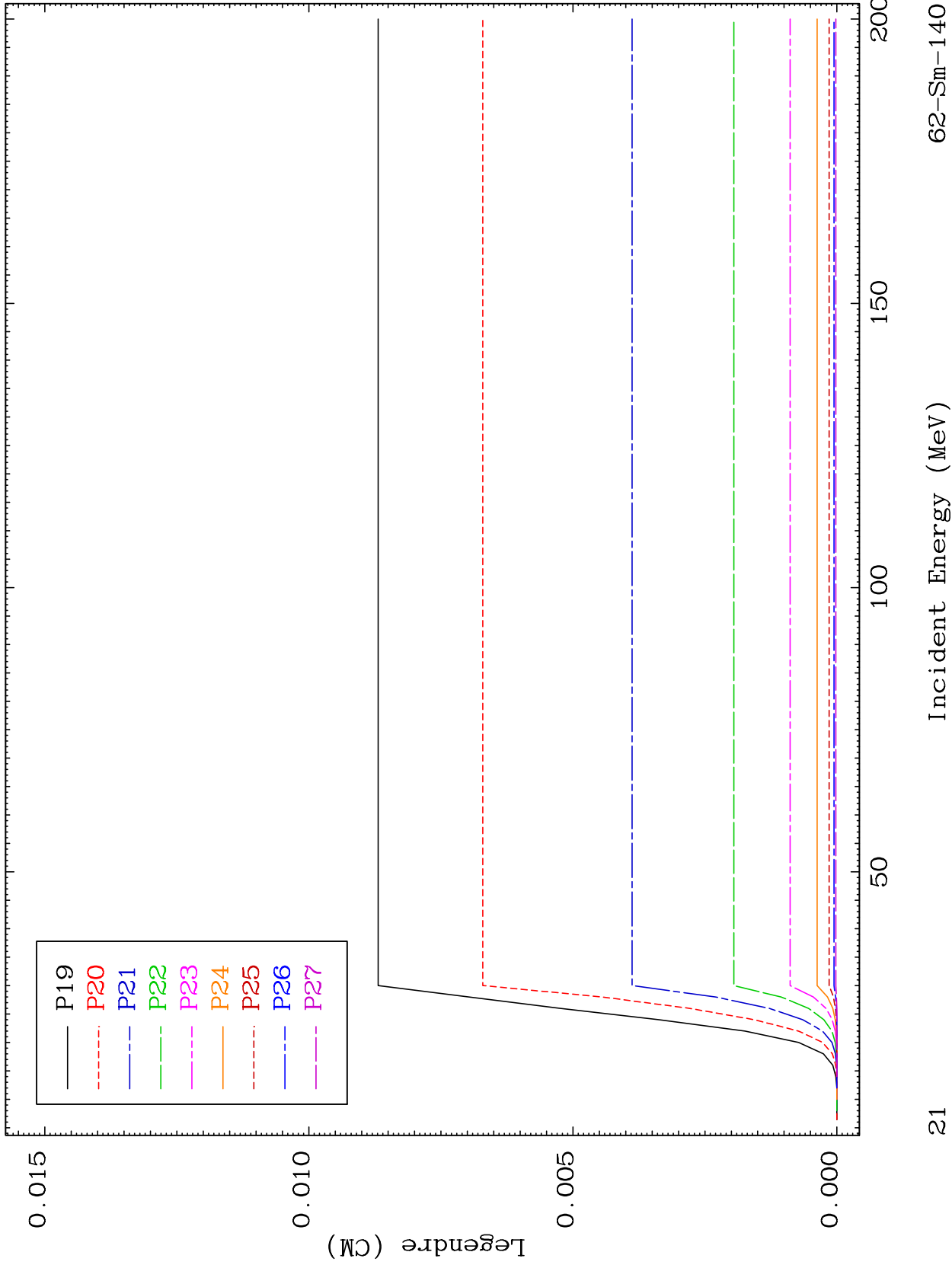
19



MAT 6213

530.7 keV (n,n') Level
Legendre Coefficients

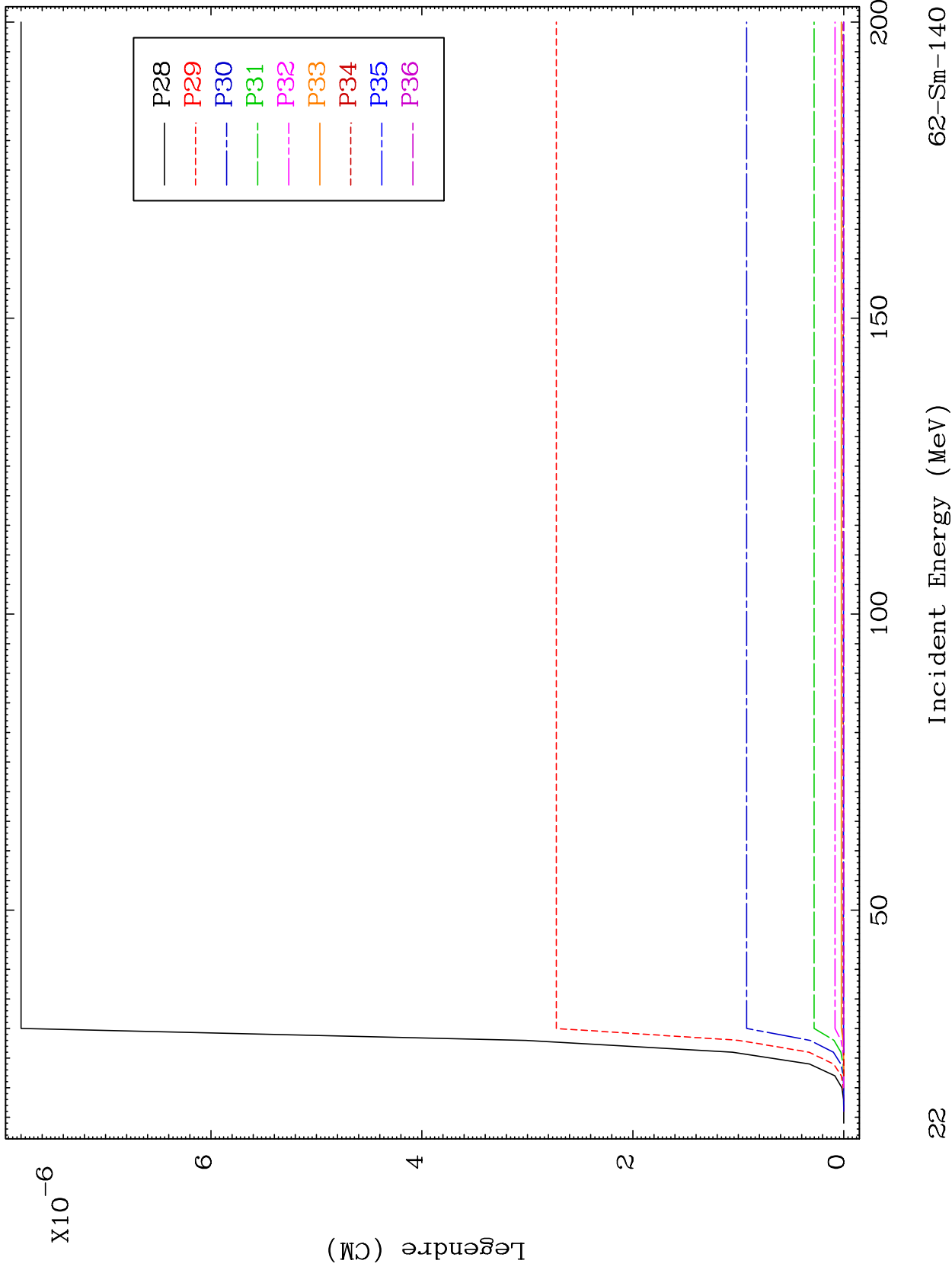
62-Sm-140



MAT 6213

530.7 keV (n,n') Level
Legendre Coefficients

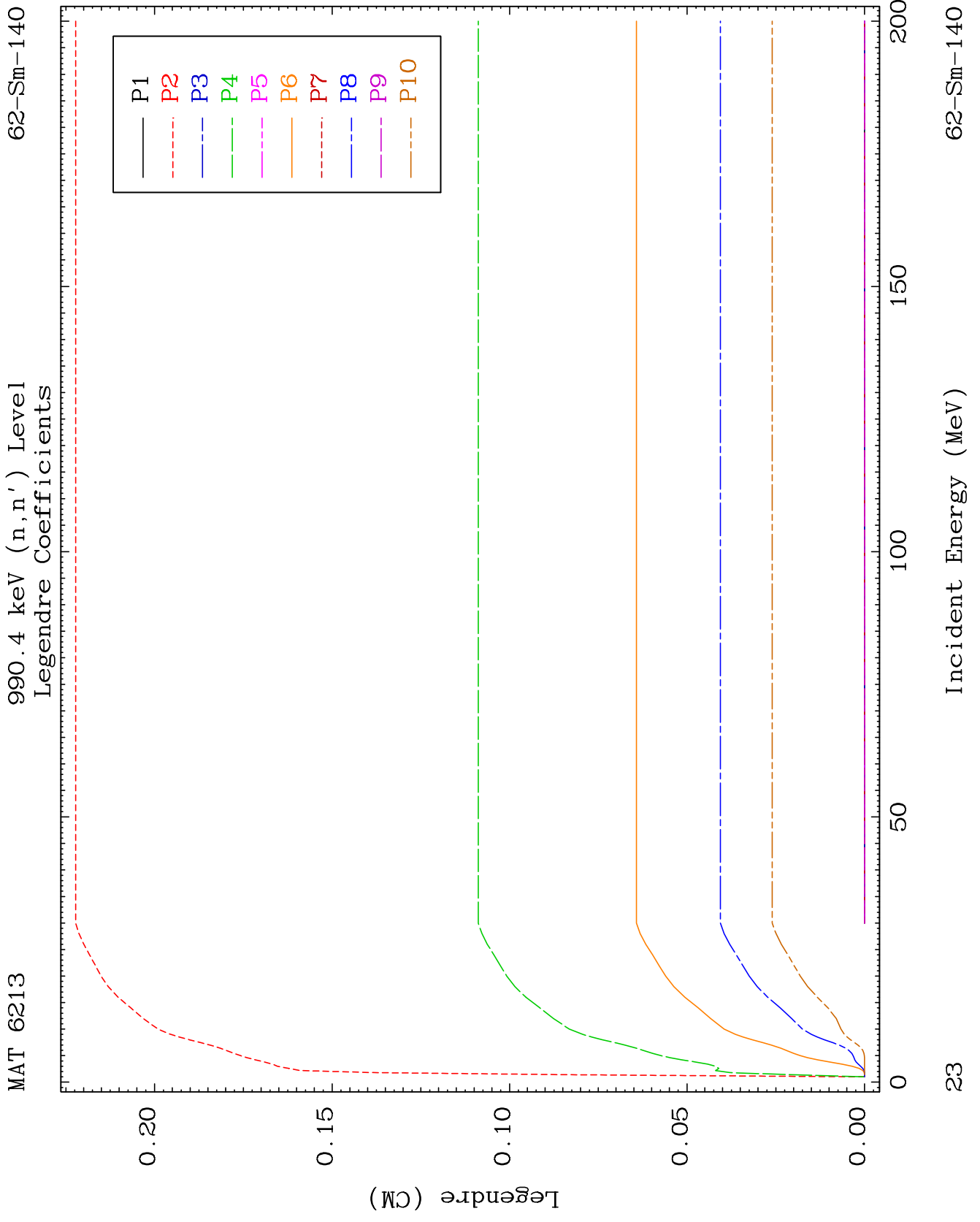
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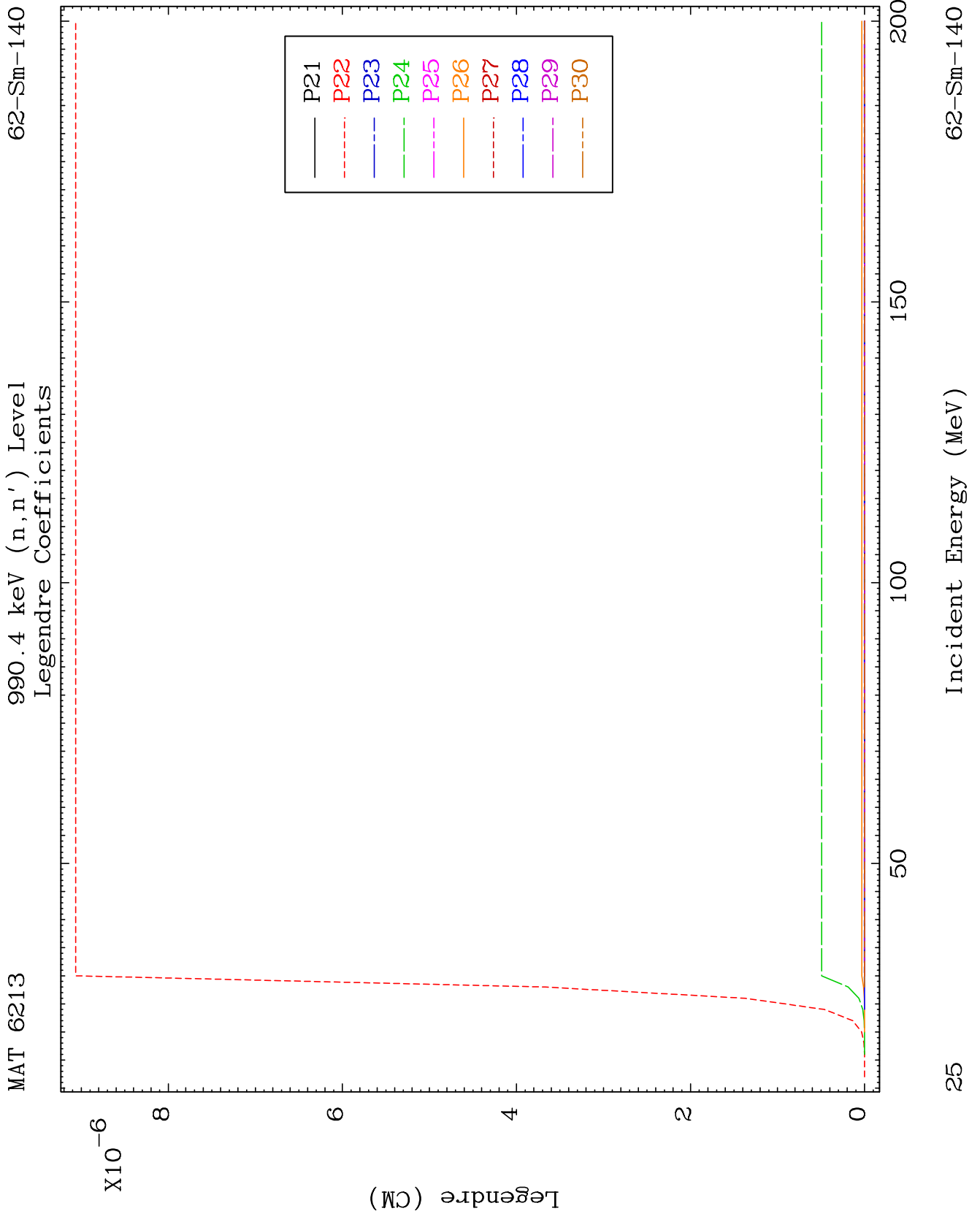


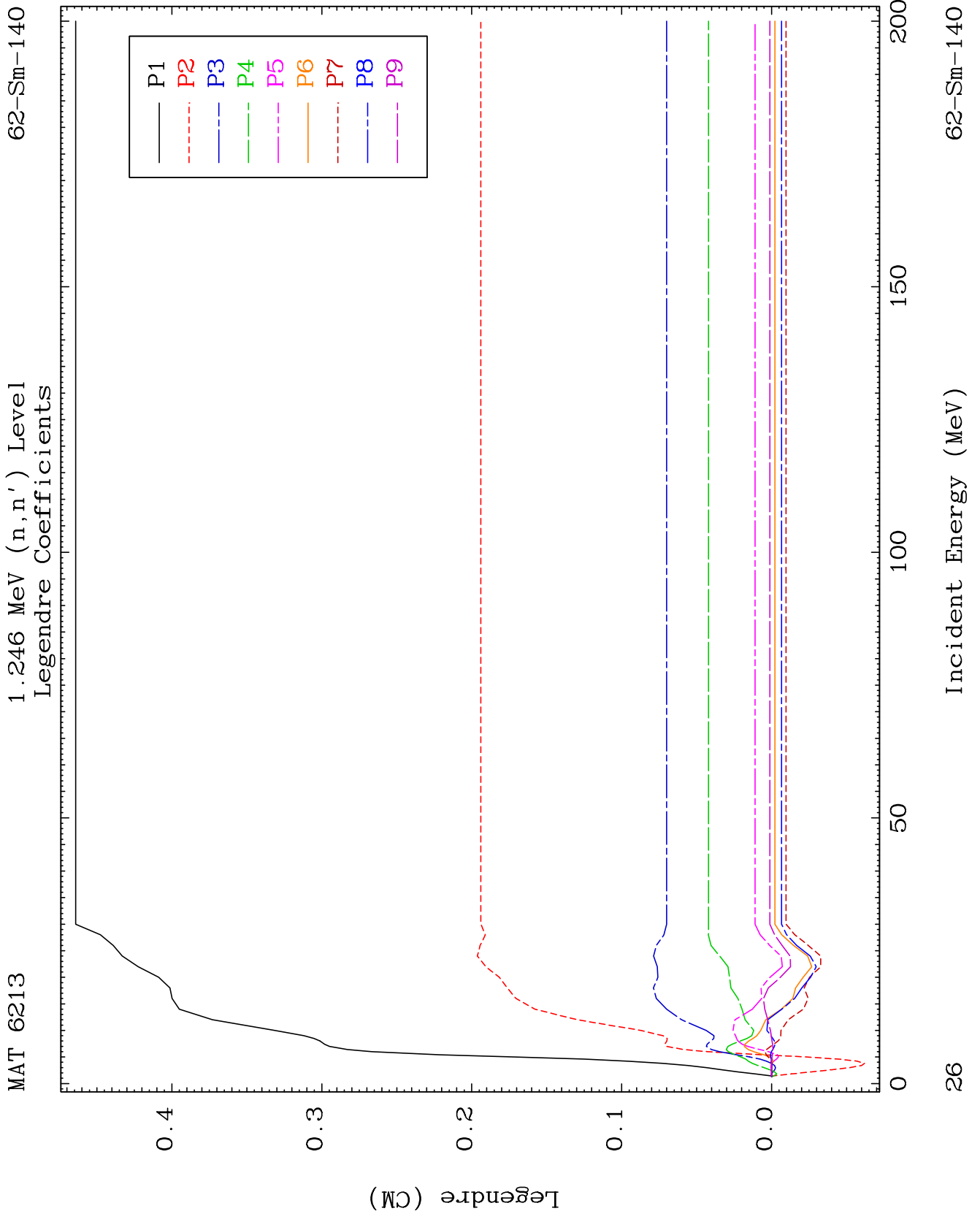
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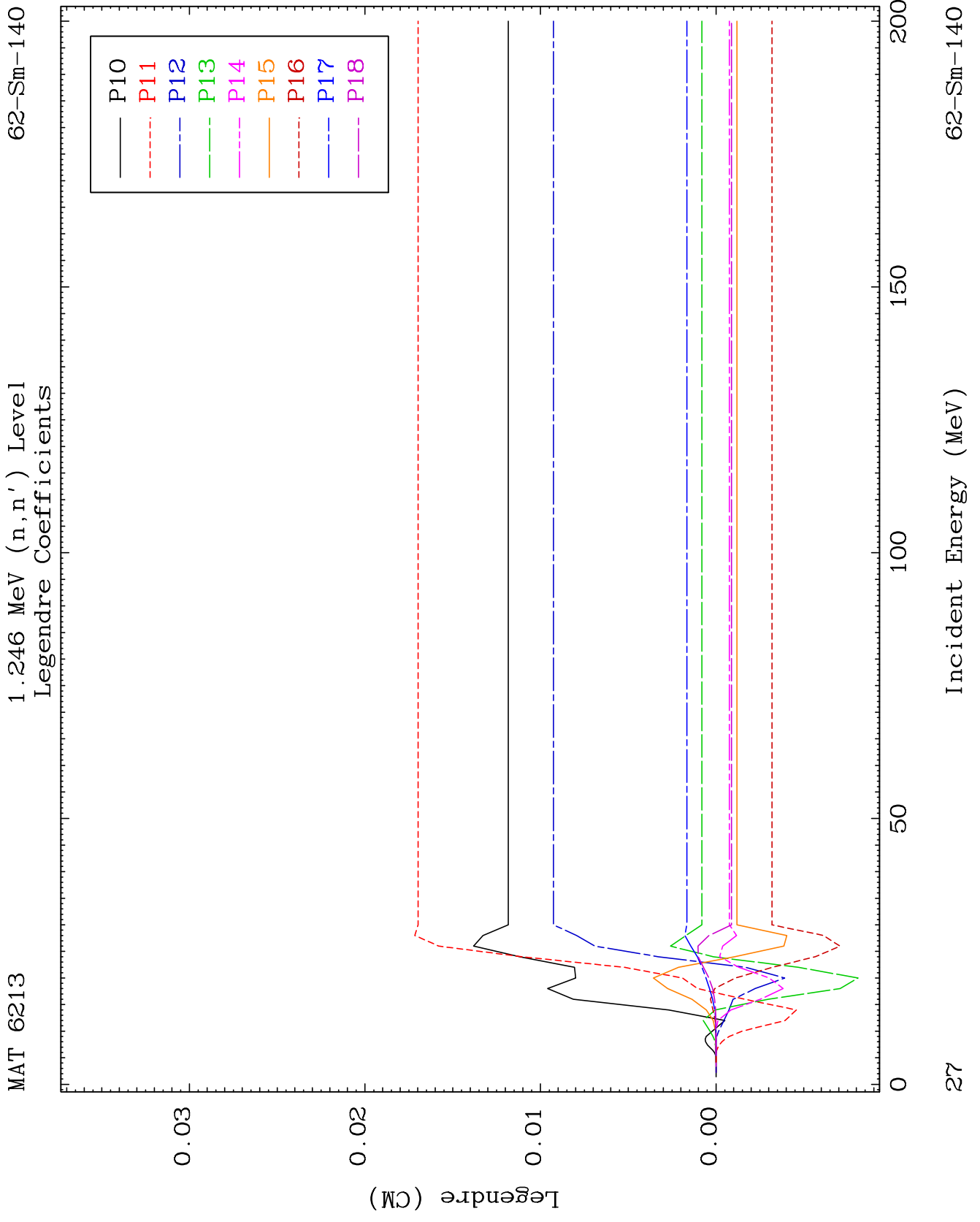
Incident Energy (MeV)

62-Sm-140





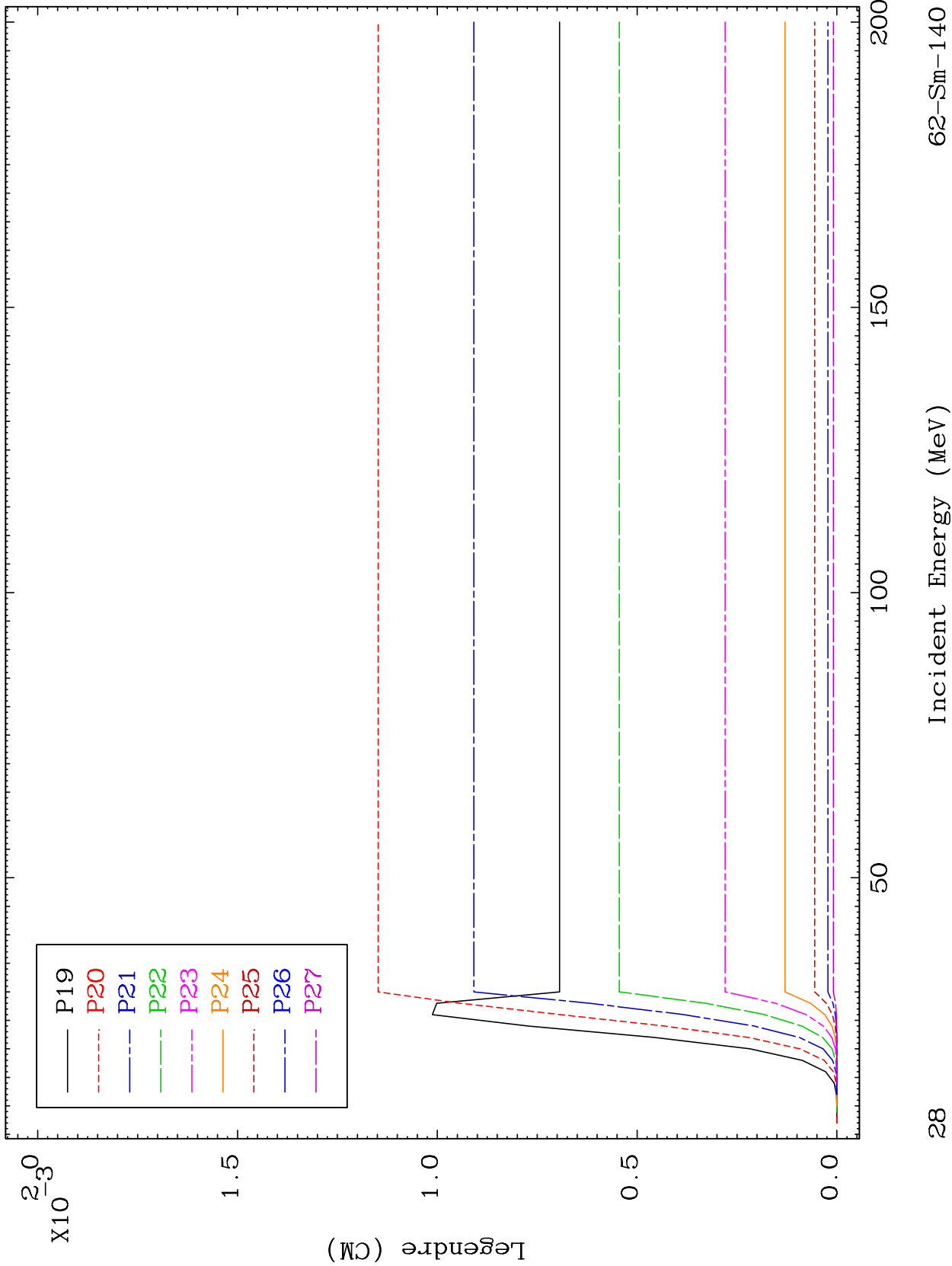




MAT 6213

1.246 MeV (n, n') Level
Legendre Coefficients

62-Sm-140



28

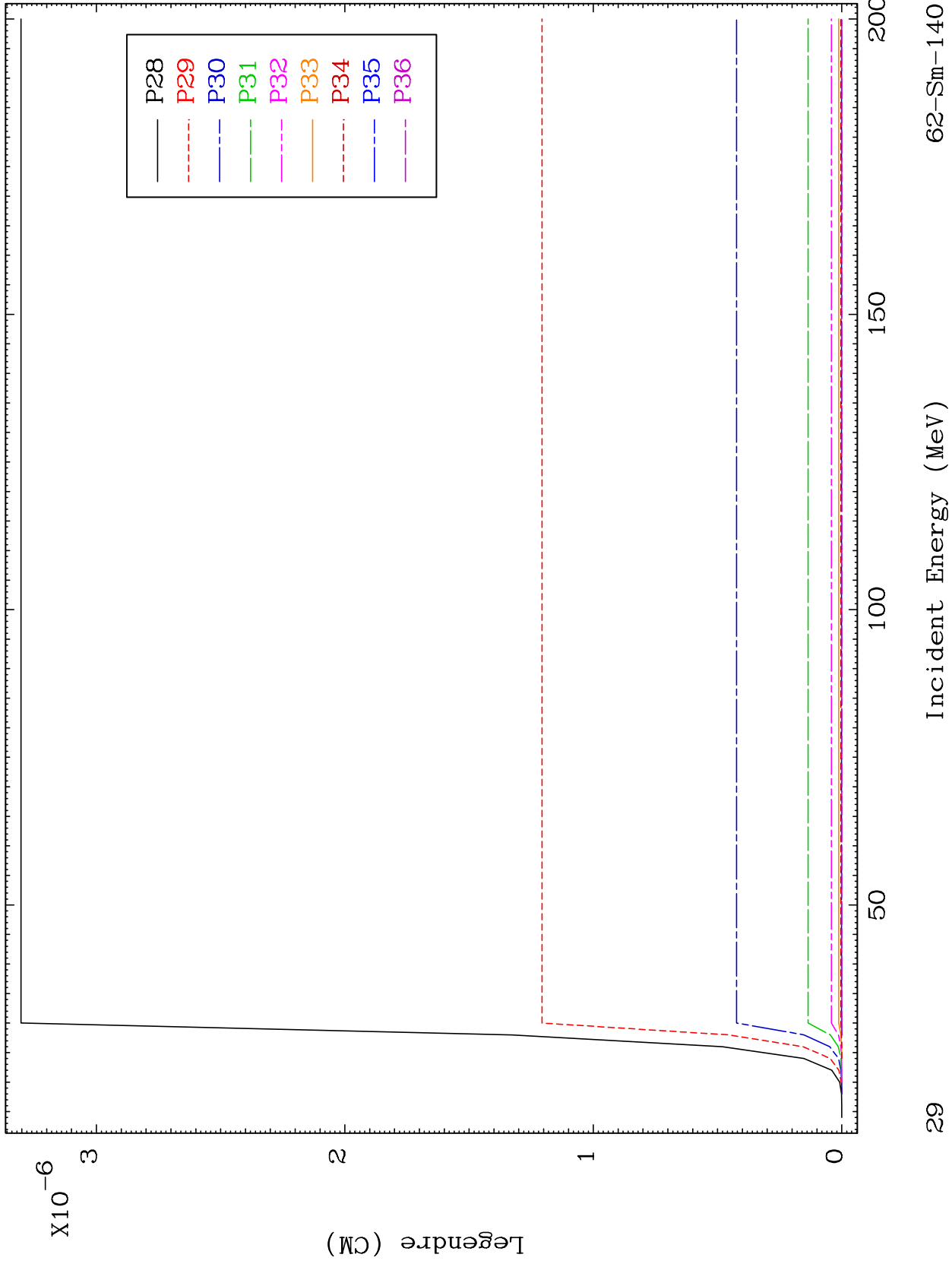
Incident Energy (MeV)

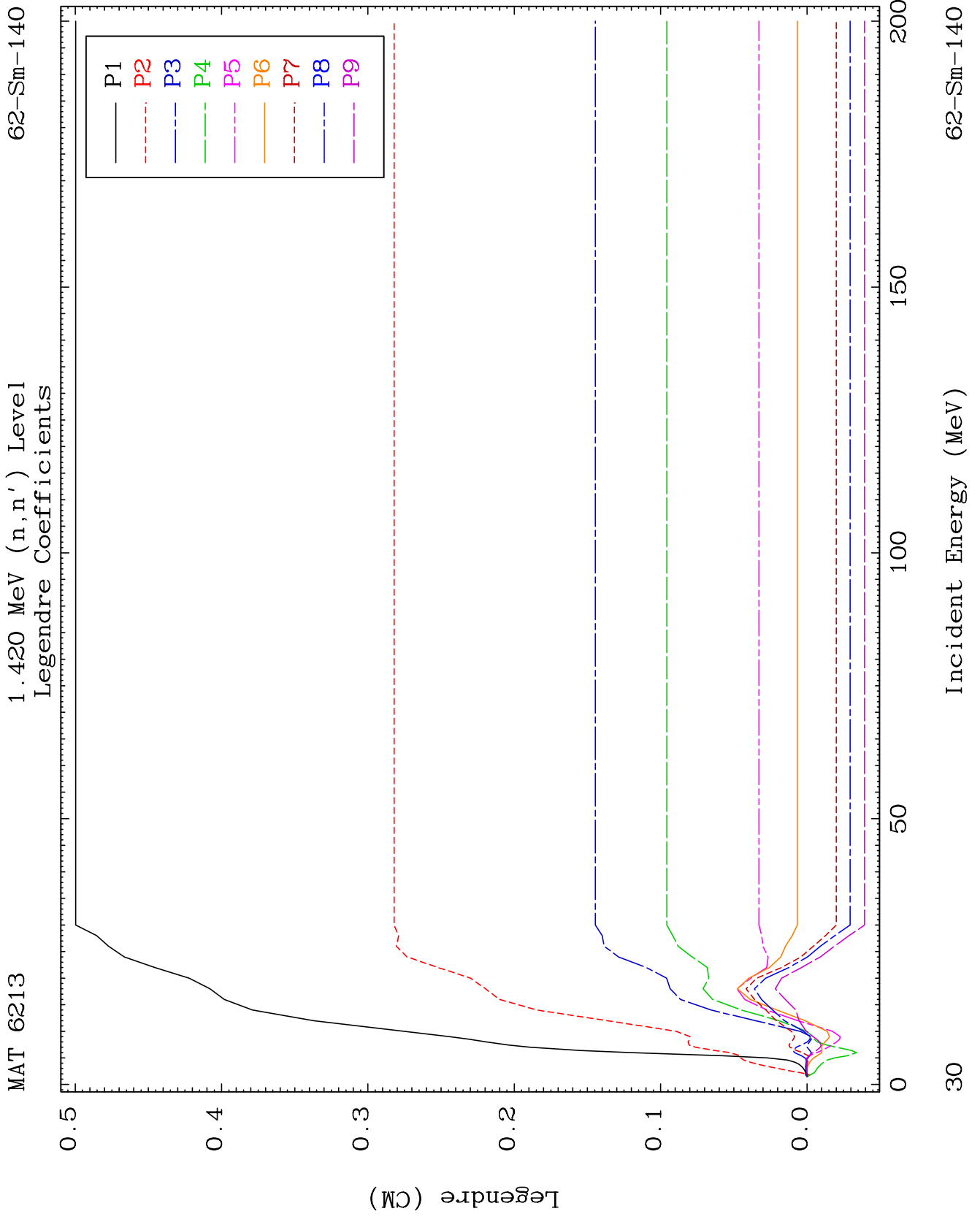
62-Sm-140

MAT 6213

1.246 MeV (n,n') Level
Legendre Coefficients

62-Sm-140

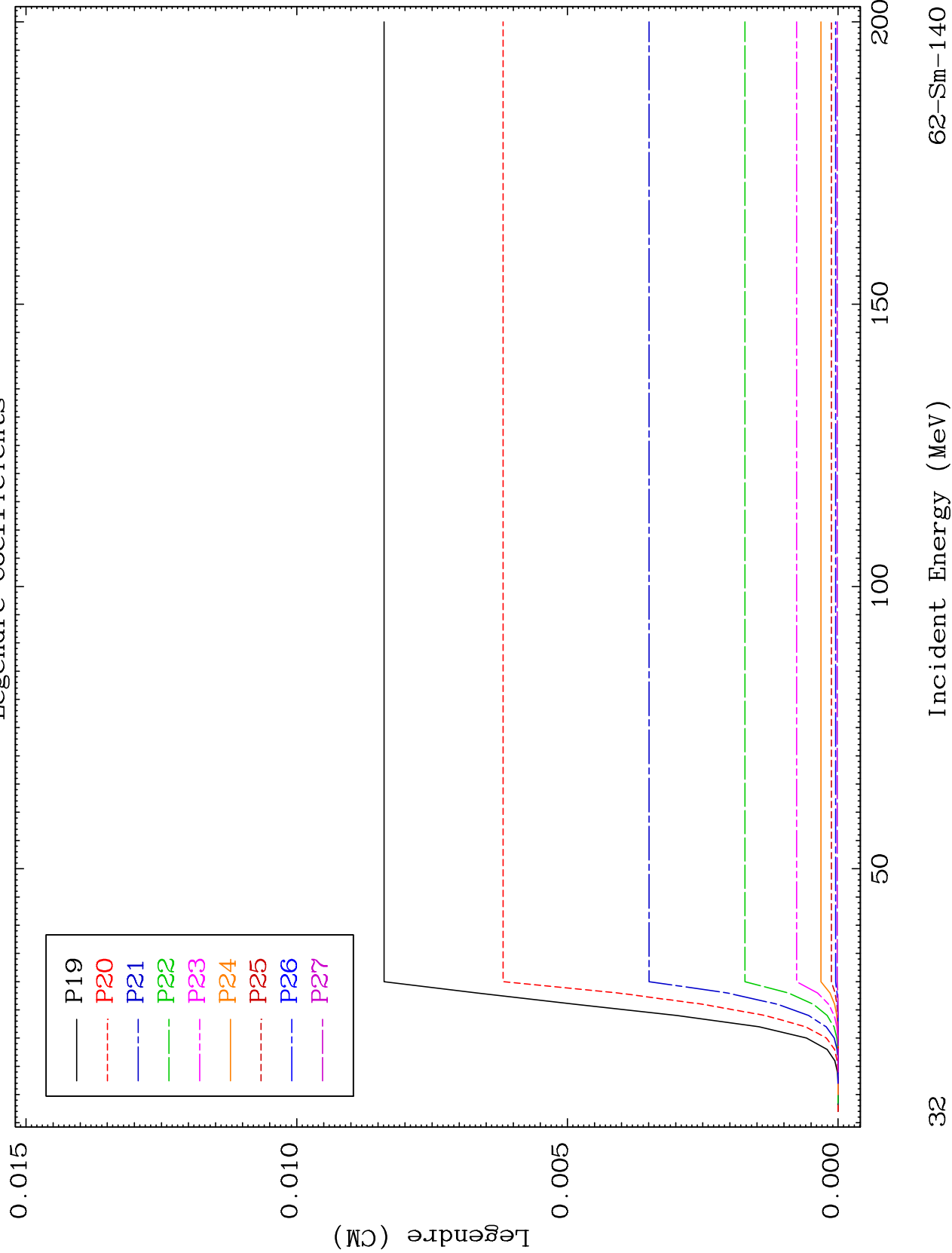




MAT 6213

1.420 MeV (n,n') Level
Legendre Coefficients

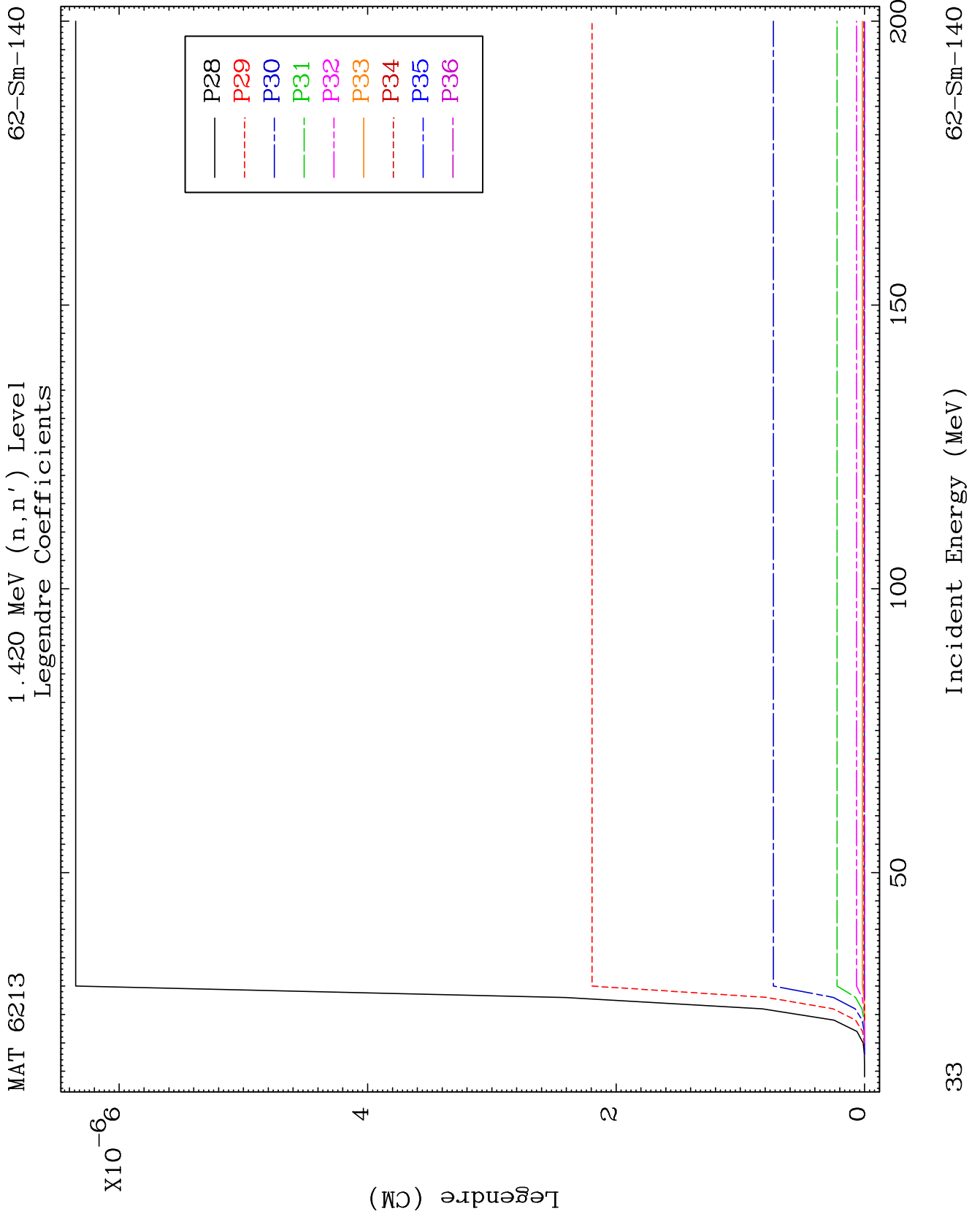
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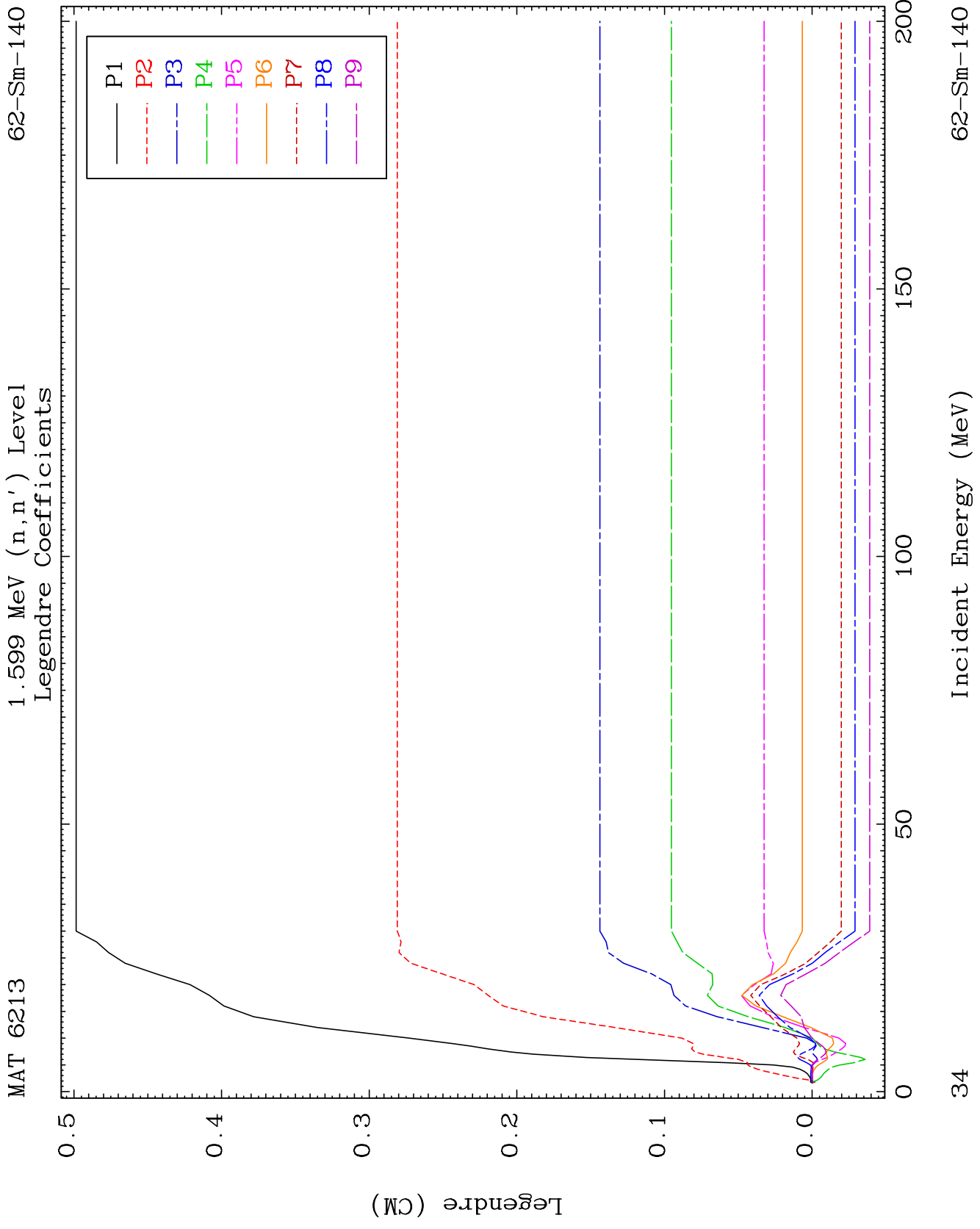


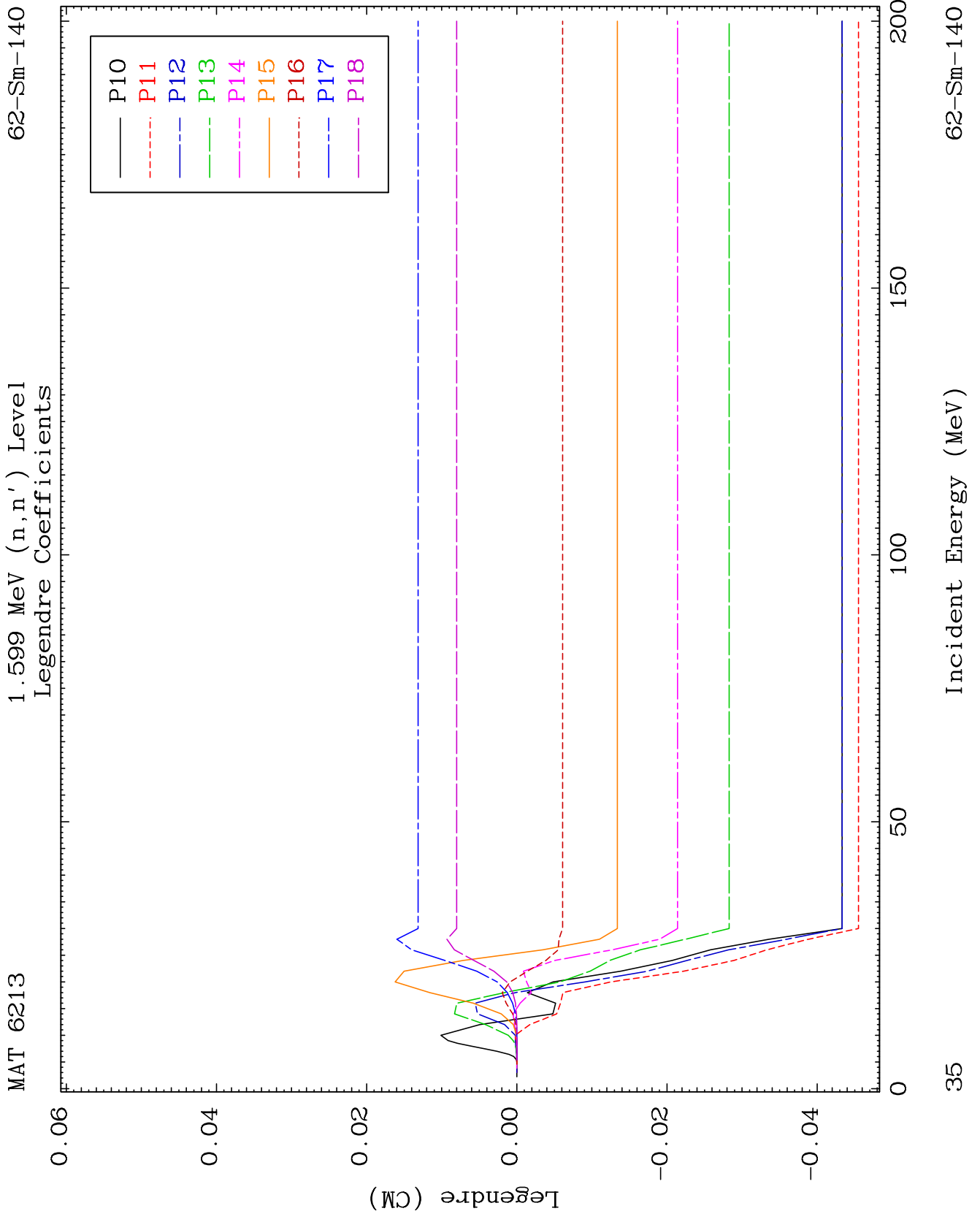
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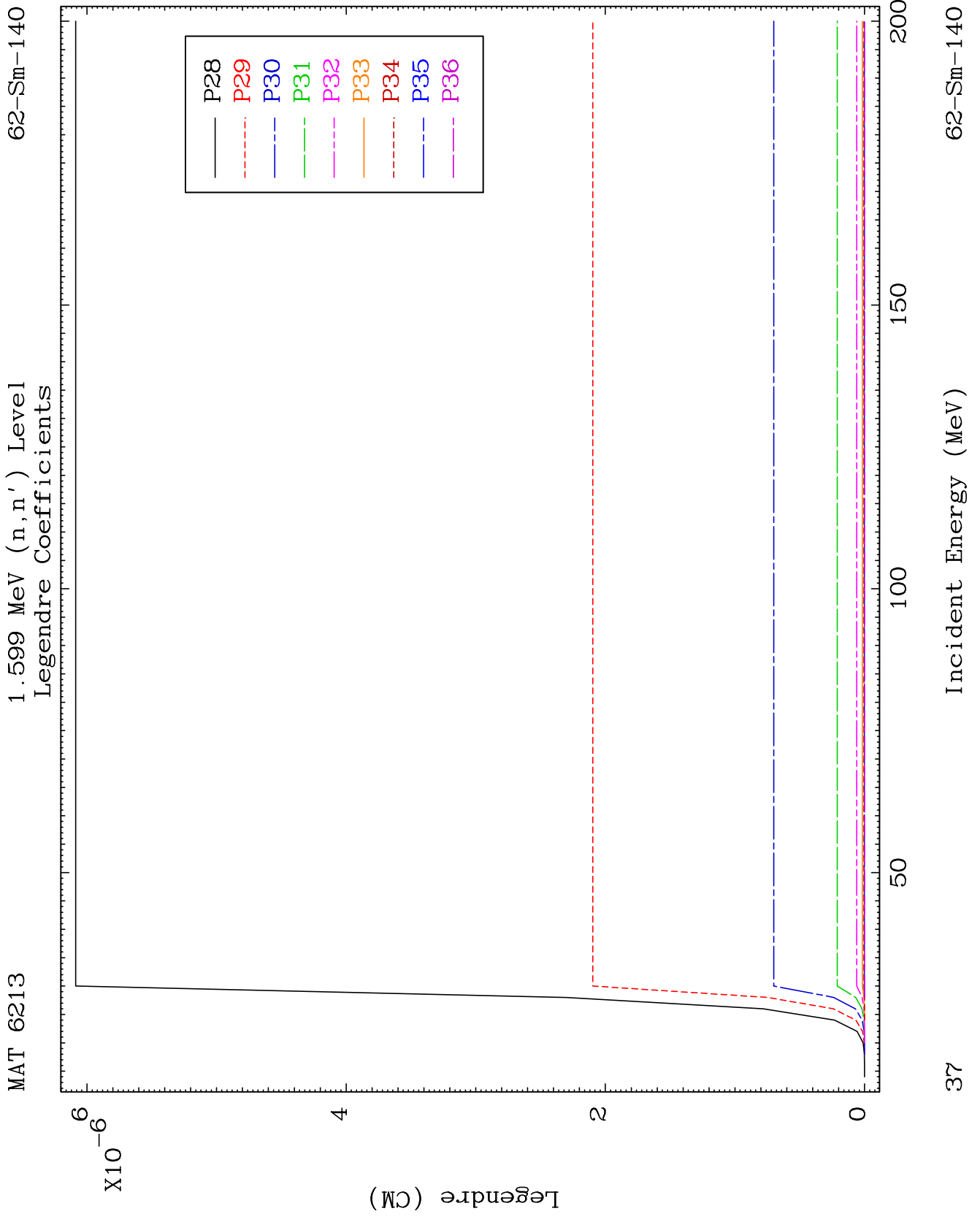
Incident Energy (MeV)

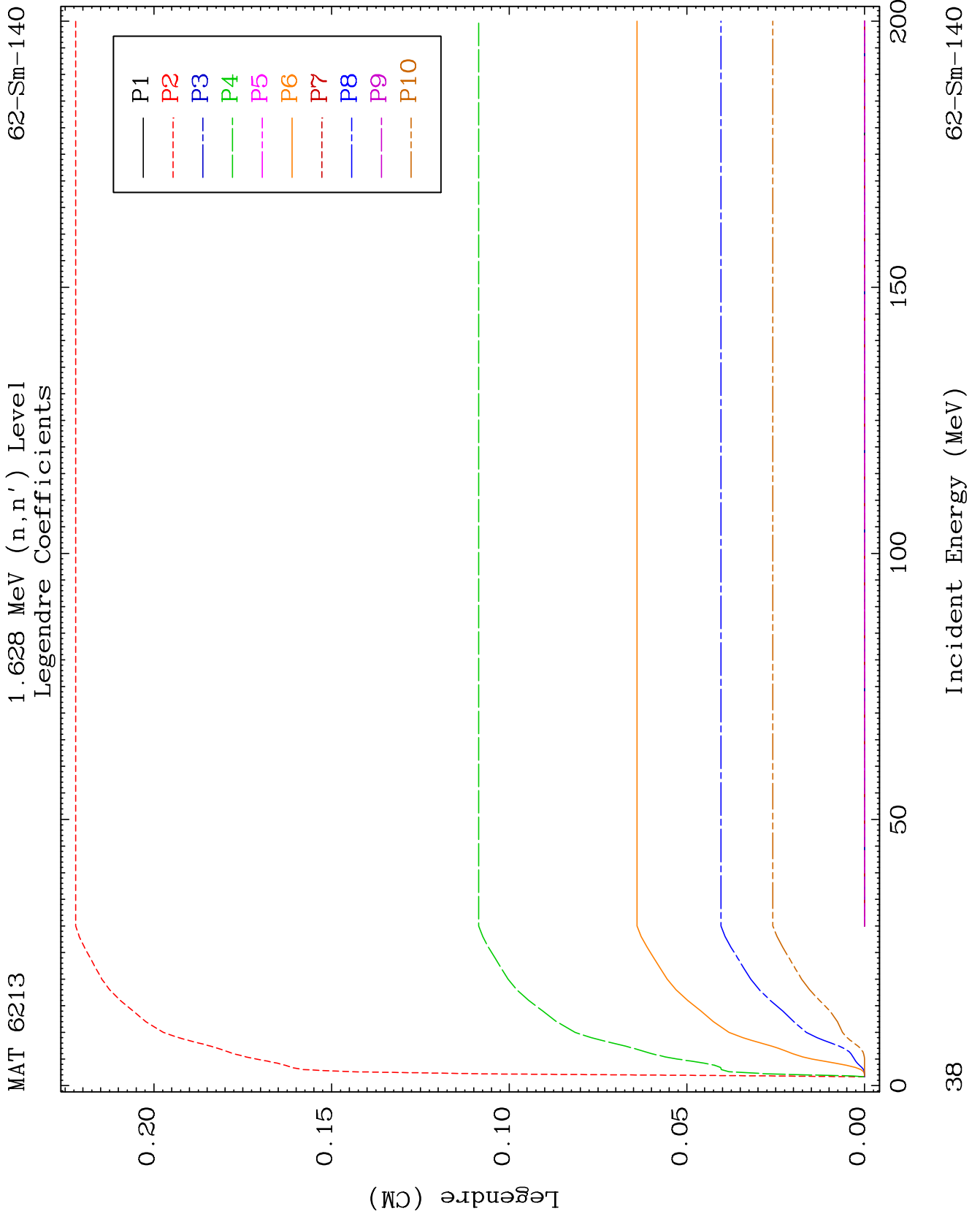
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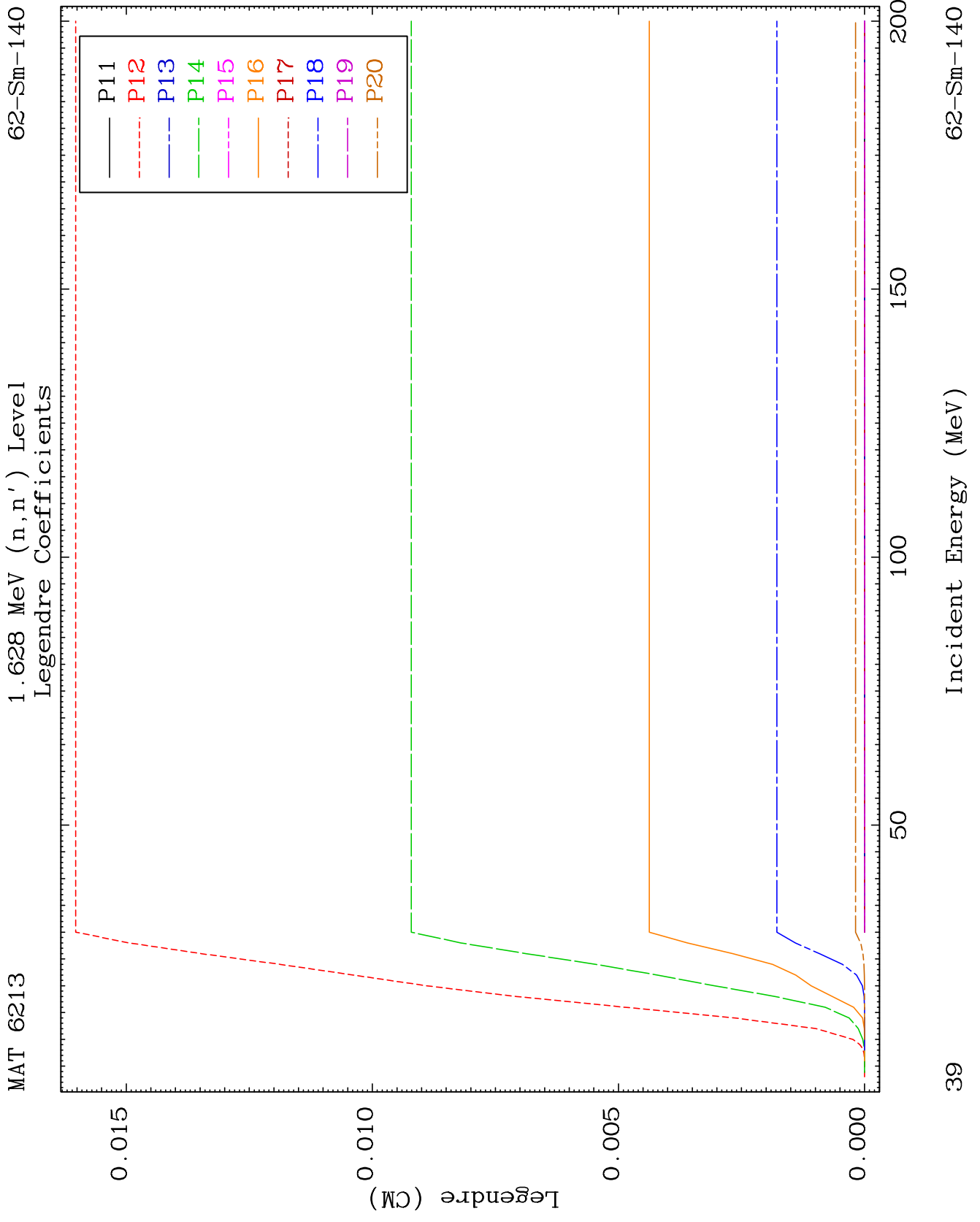


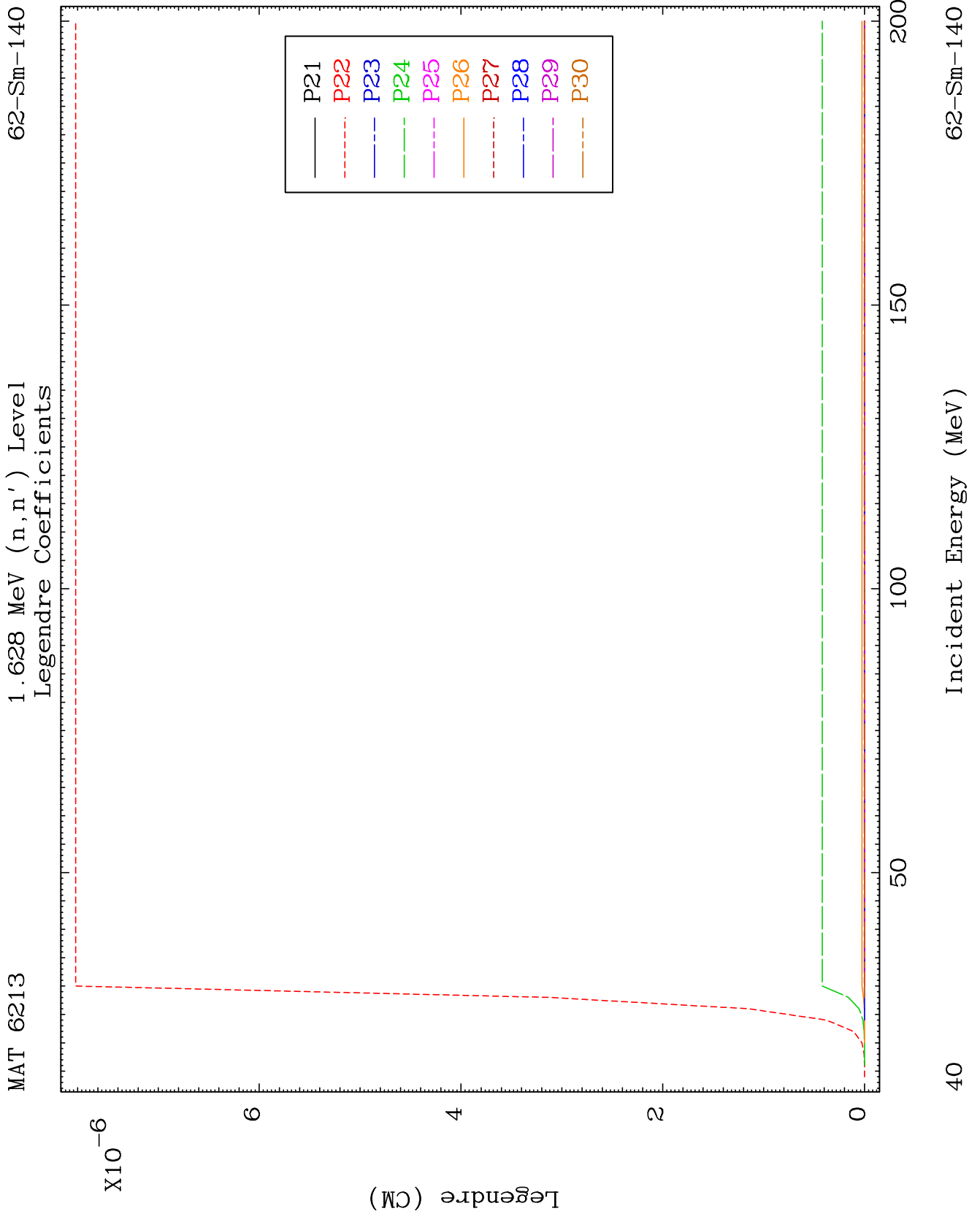


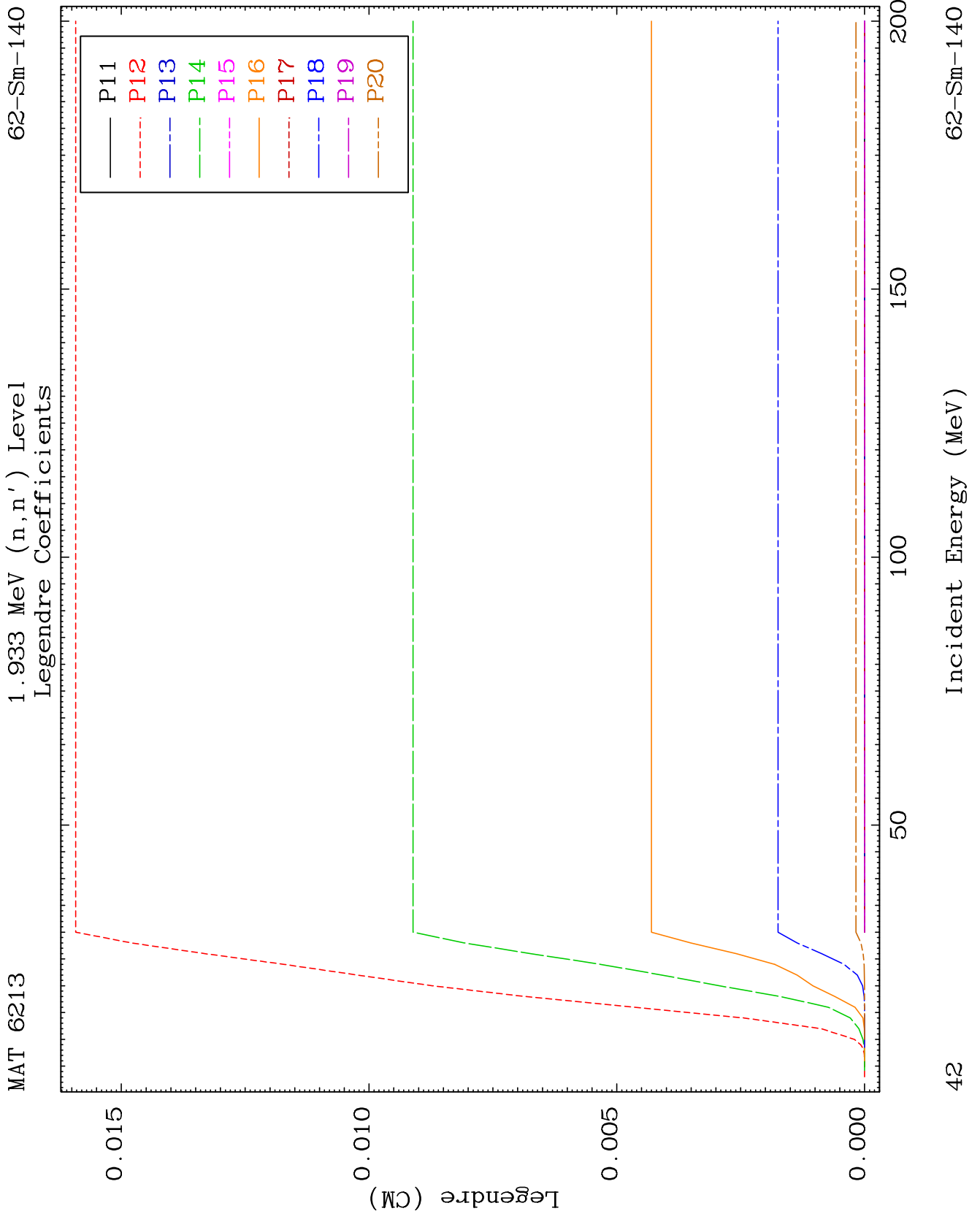


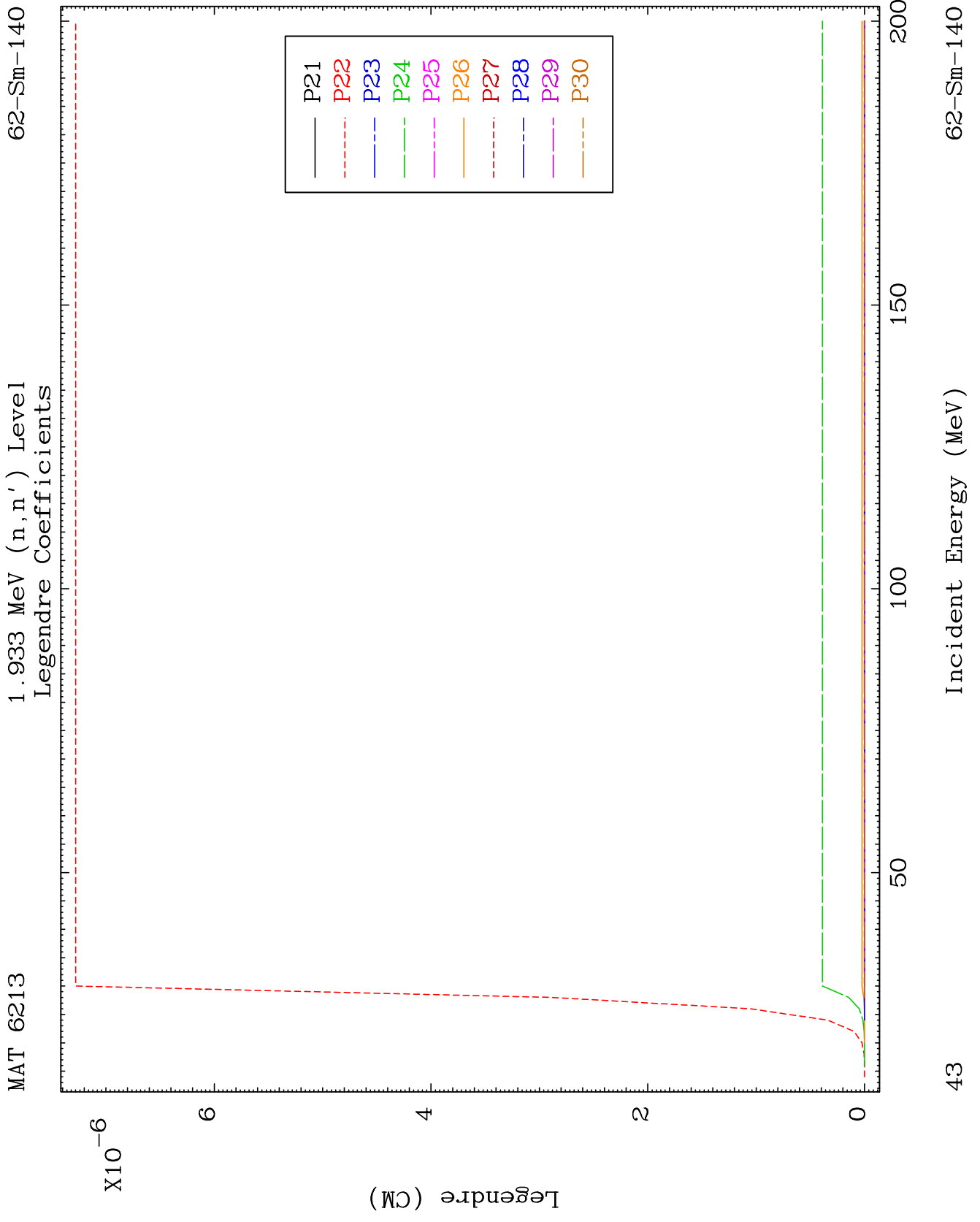


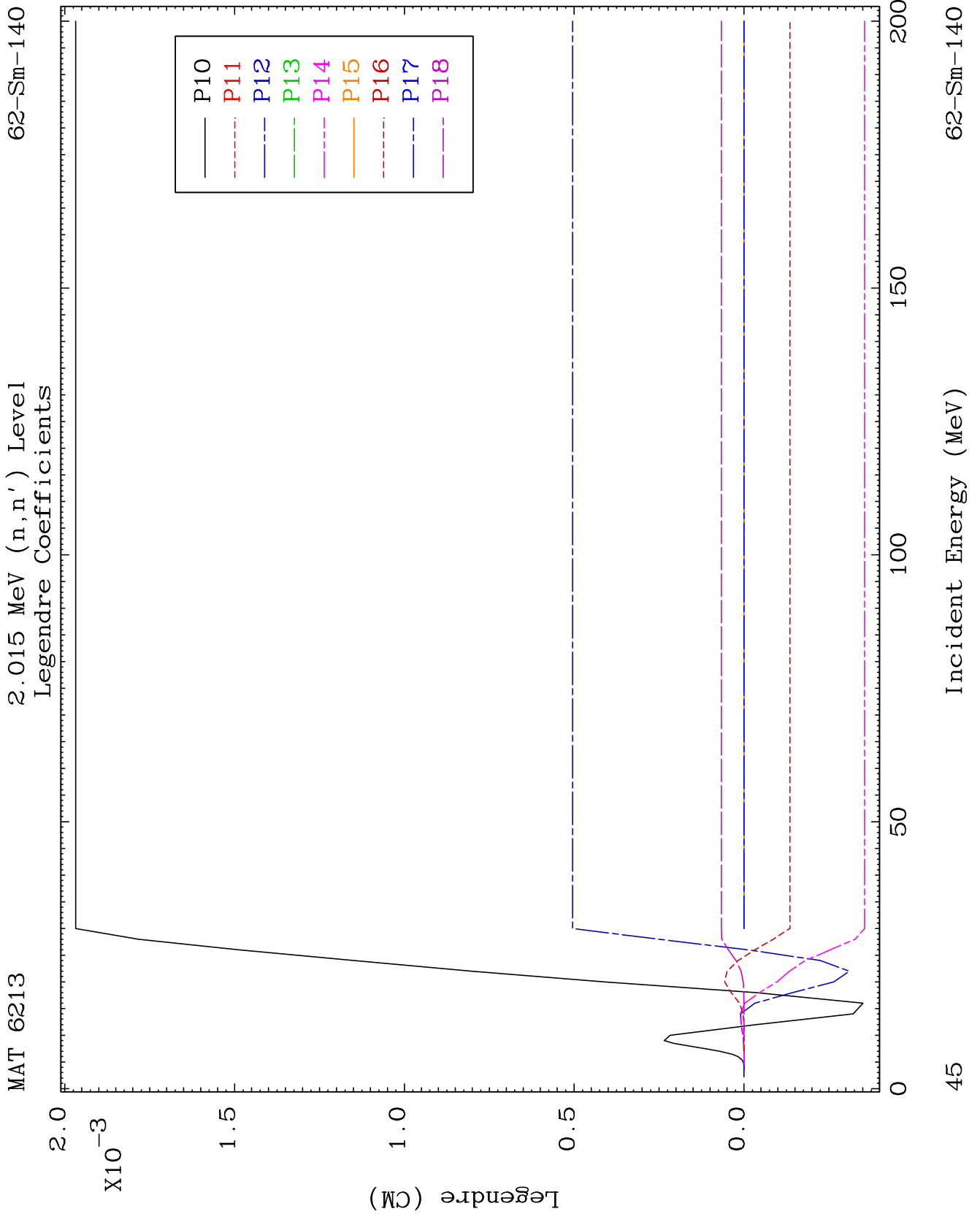


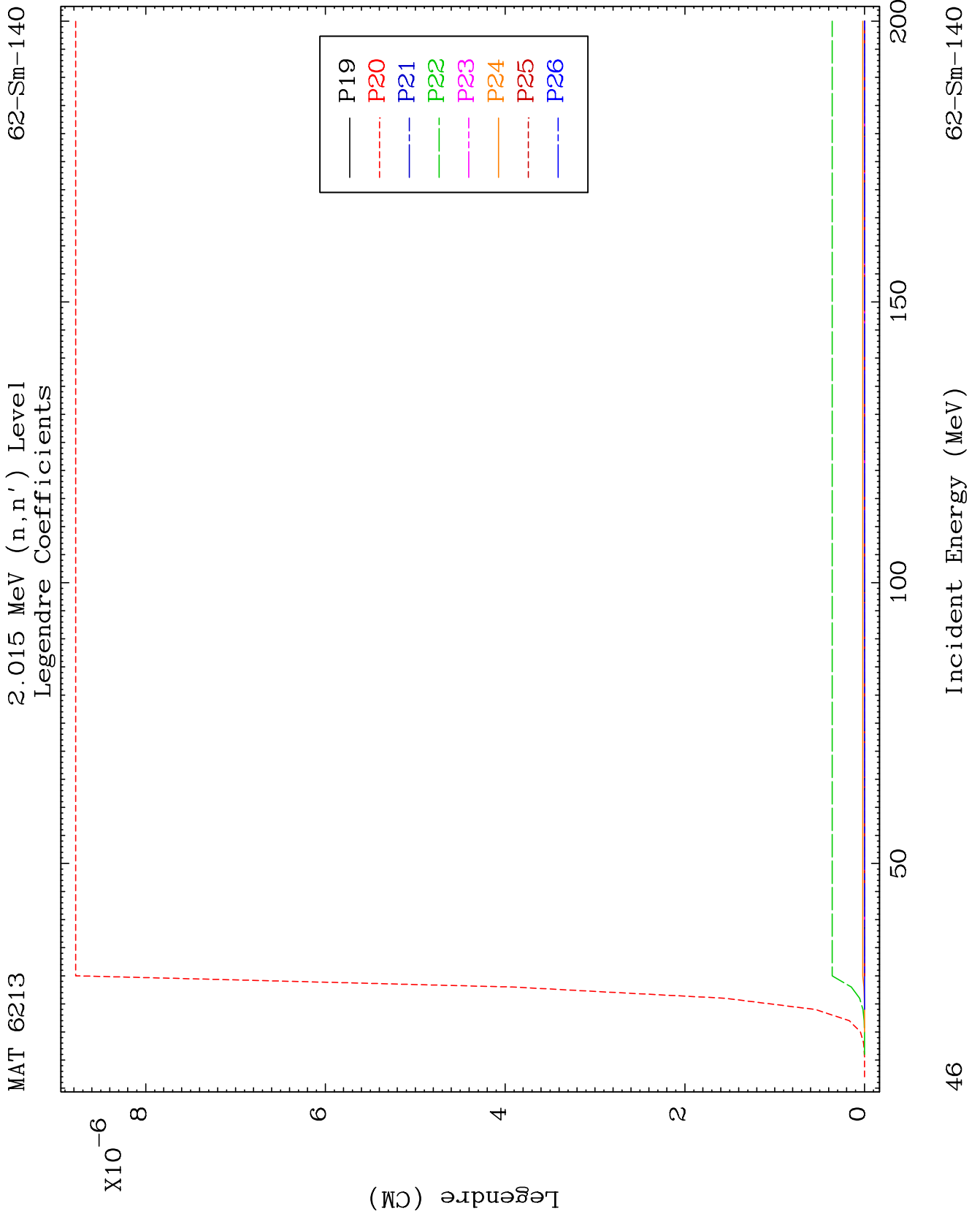


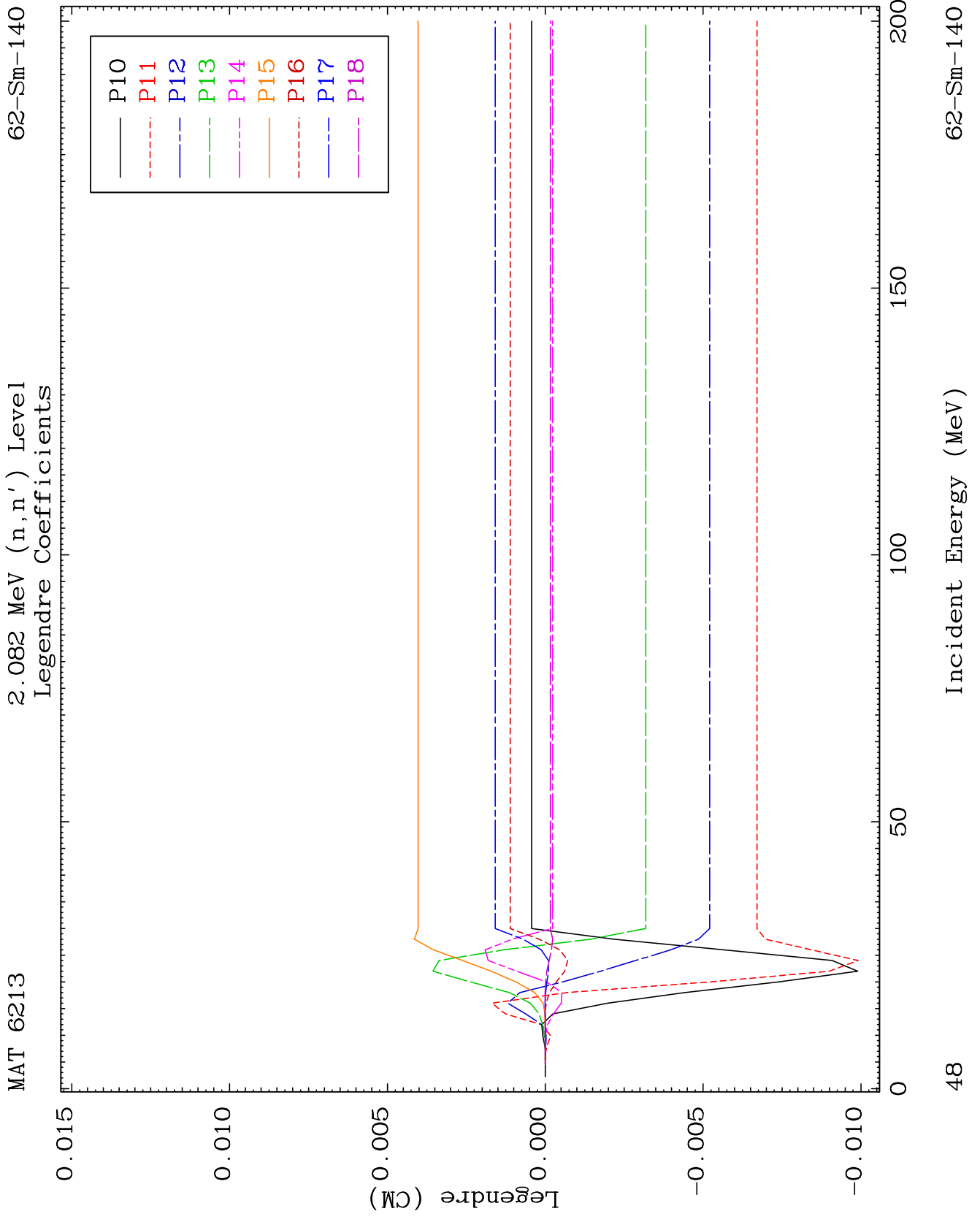


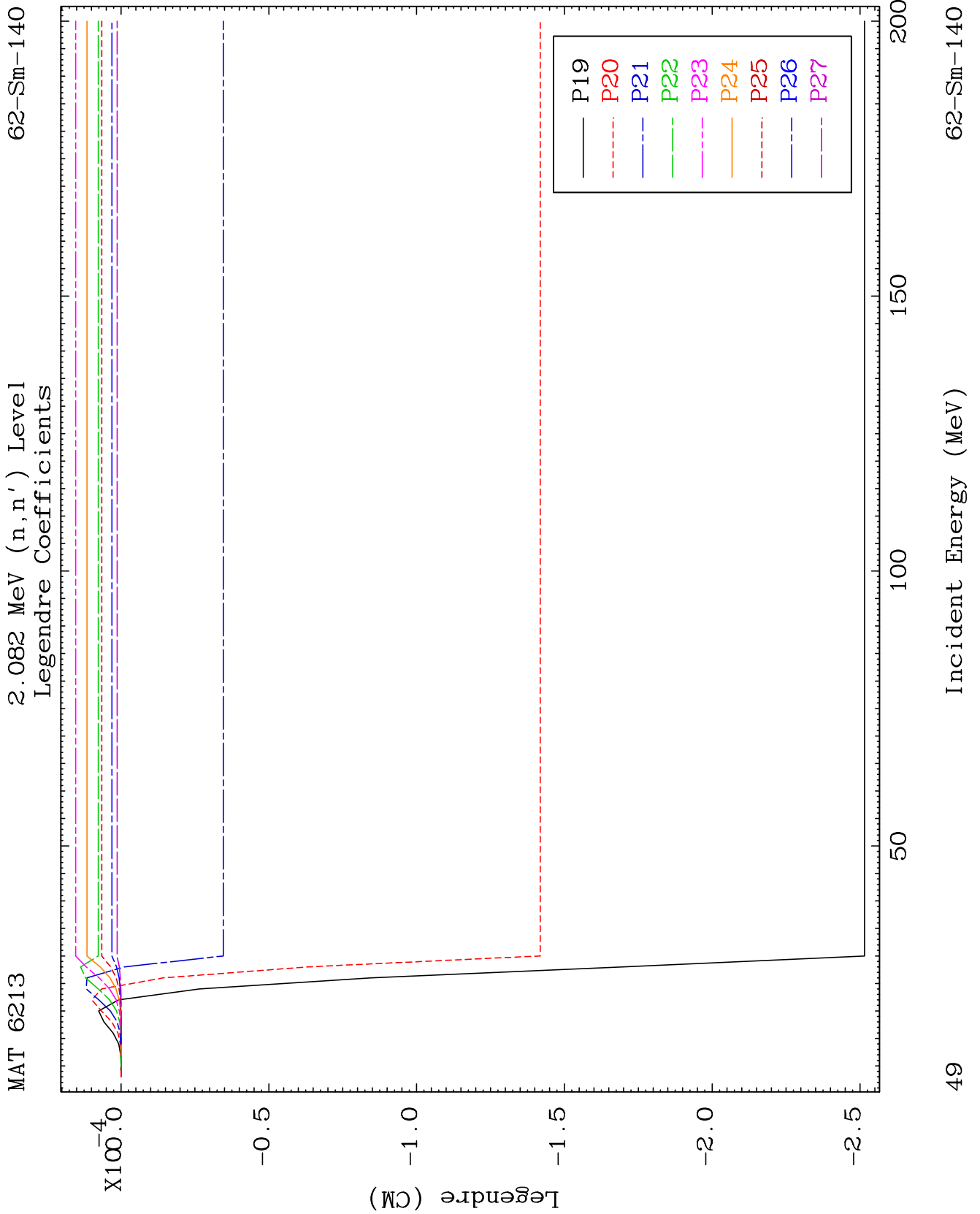


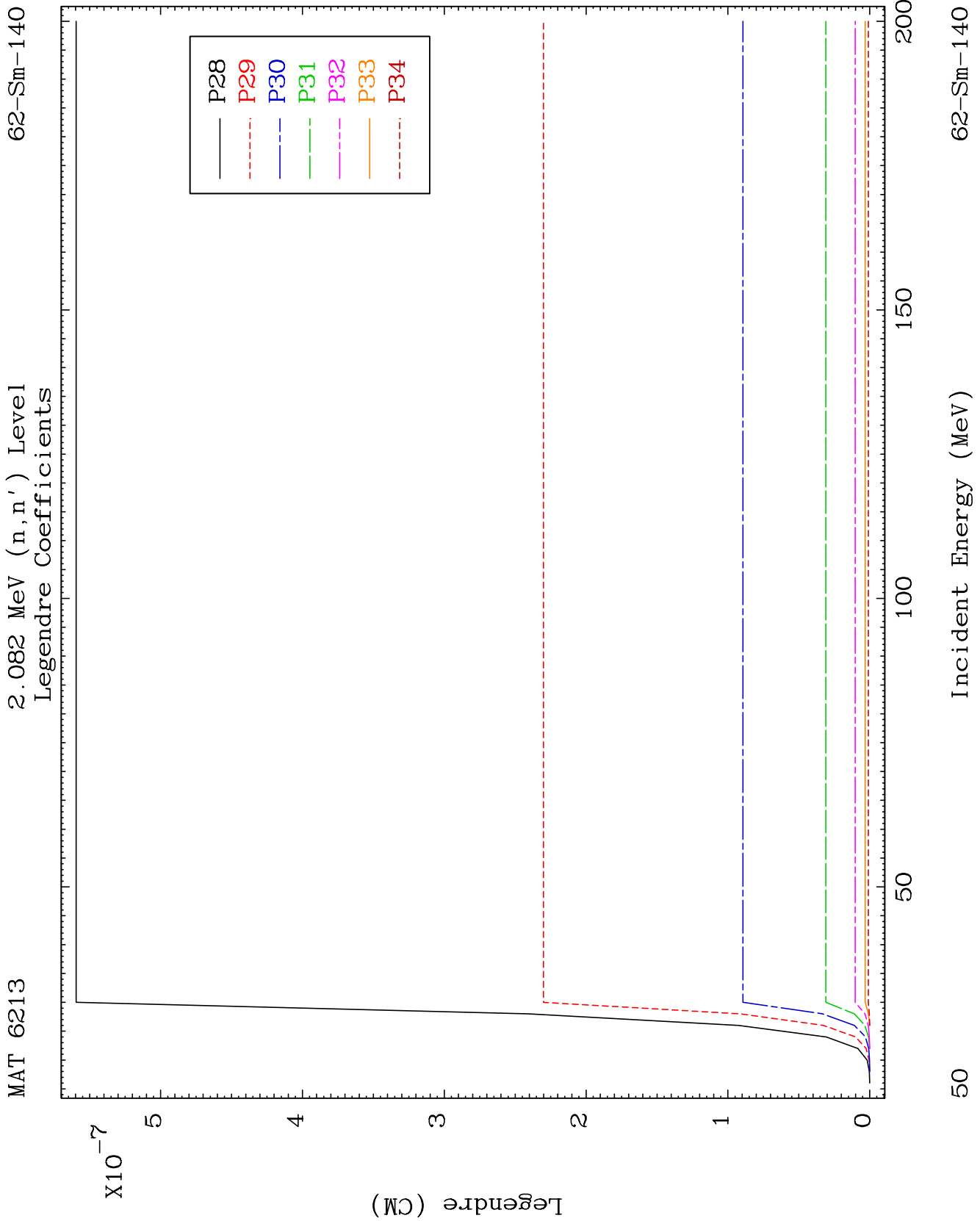


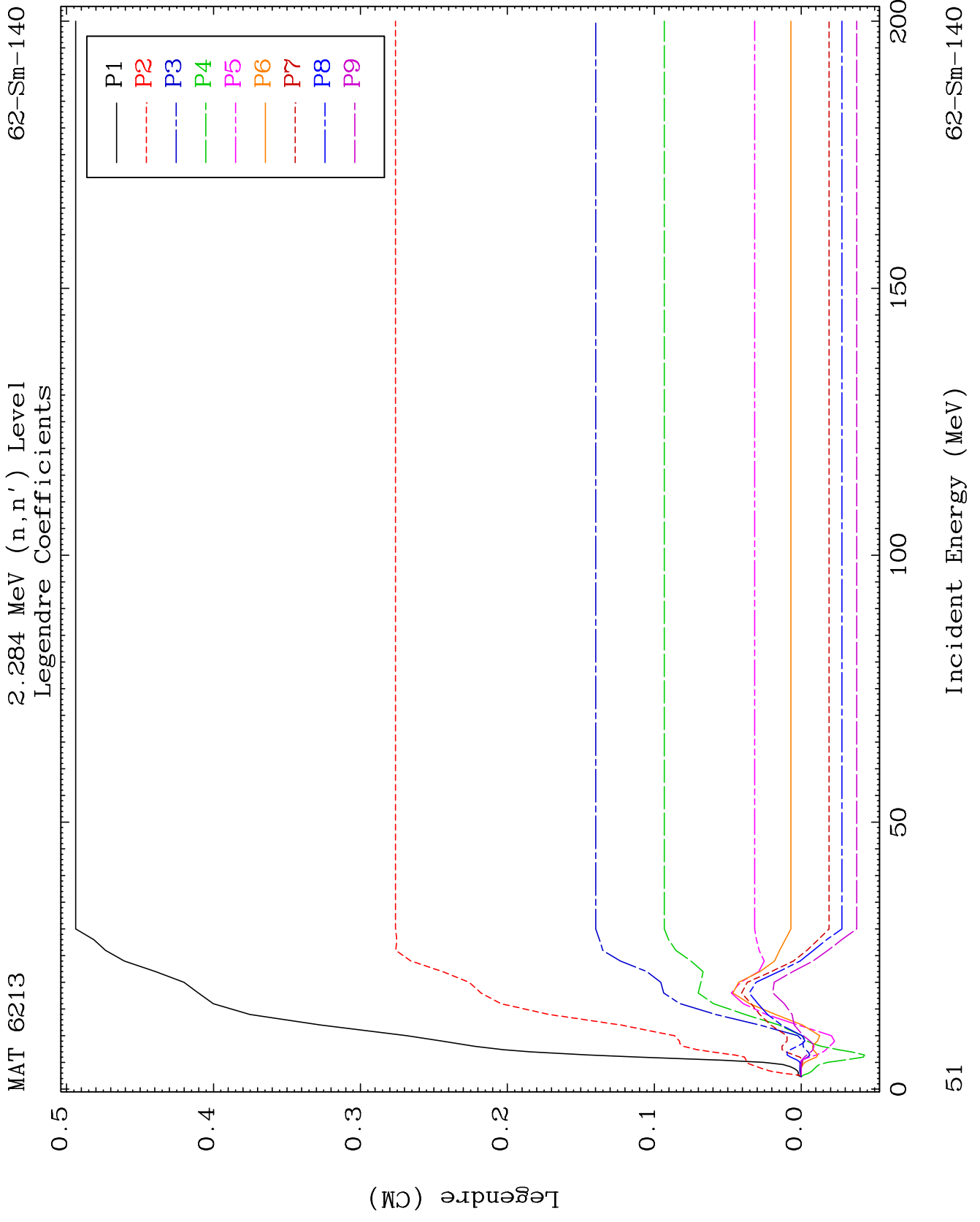








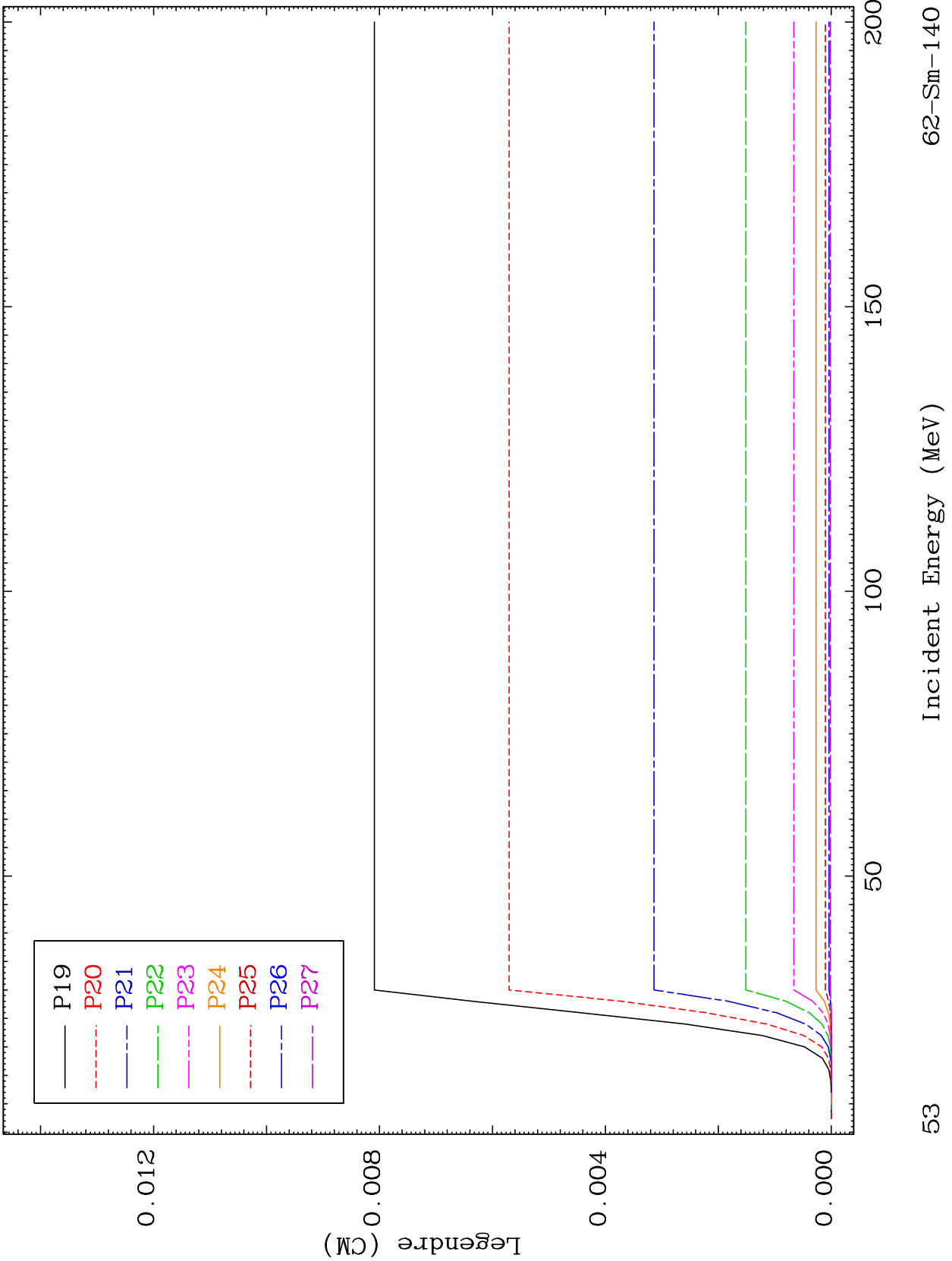


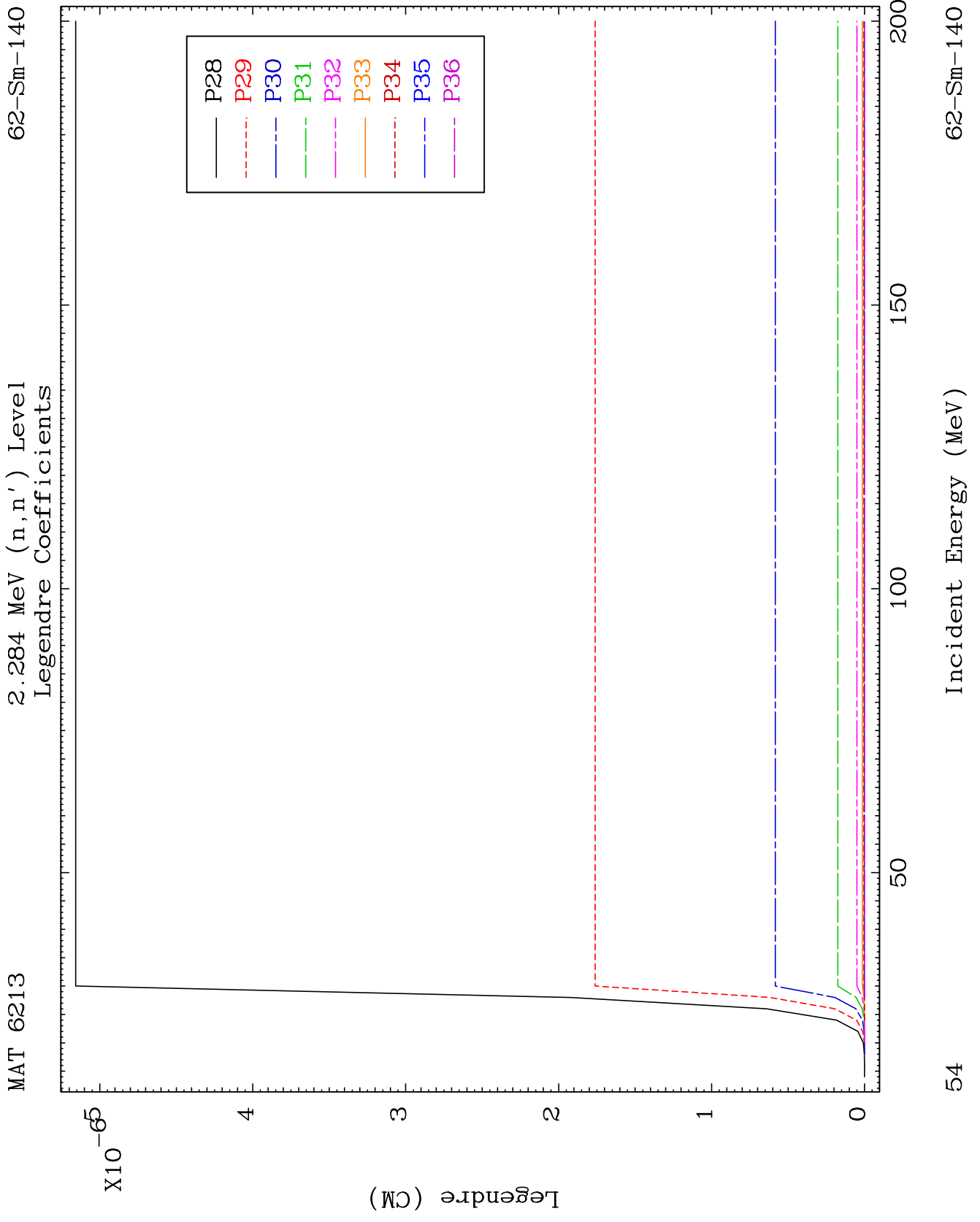


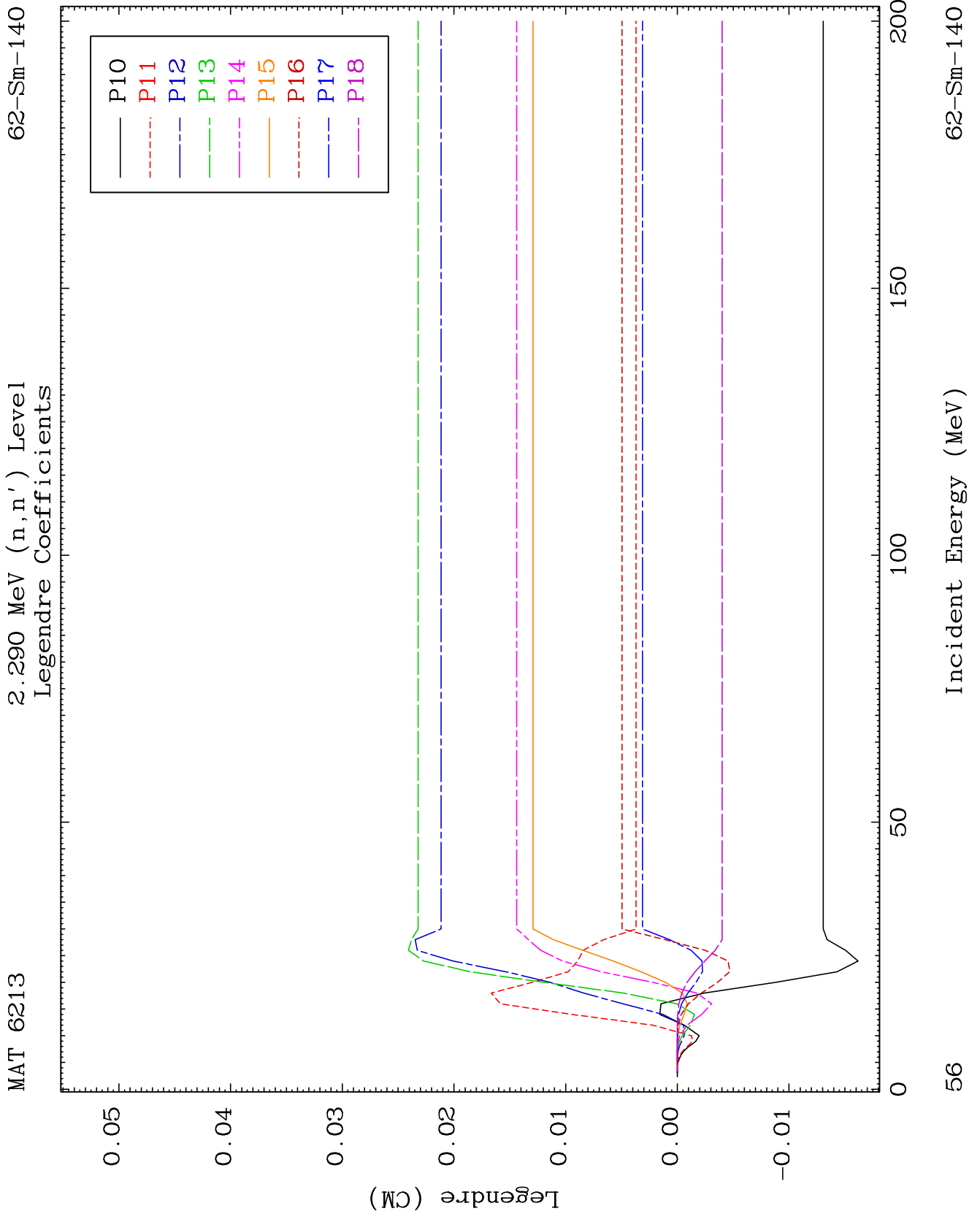
MAT 6213

2.284 MeV (n, n') Level
Legendre Coefficients

62-Sm-140



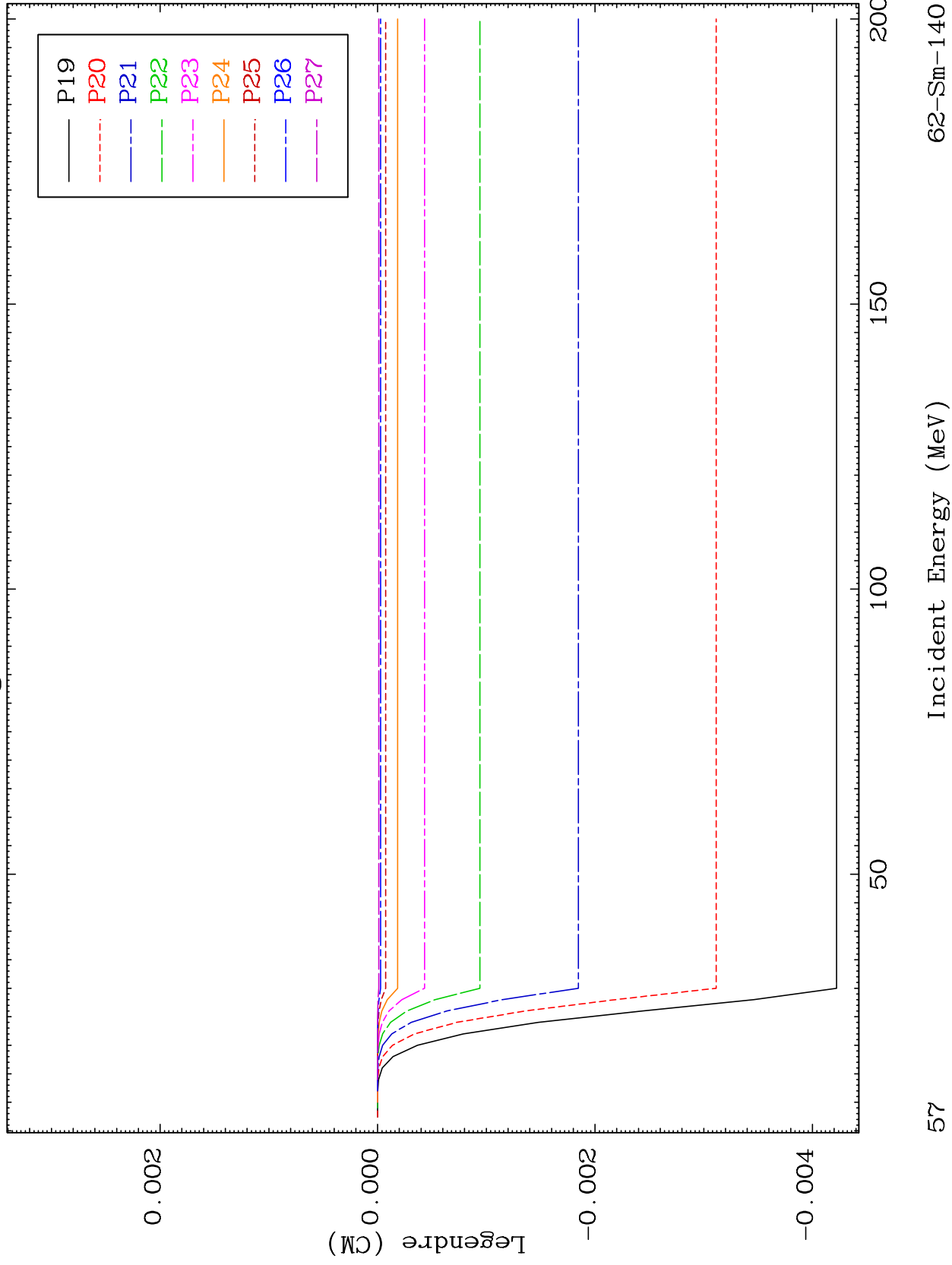




MAT 6213

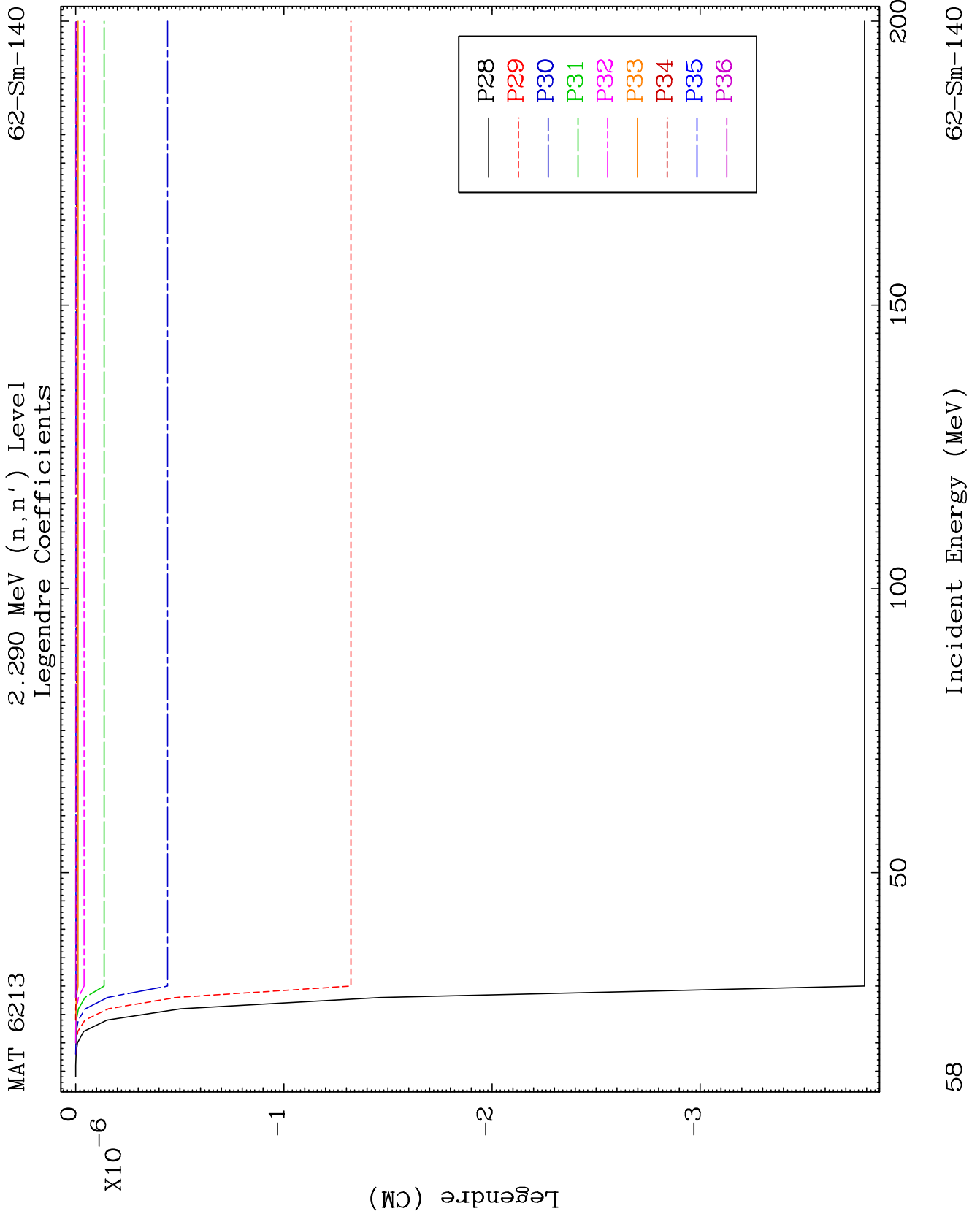
2.290 MeV (n,n') Level
Legendre Coefficients

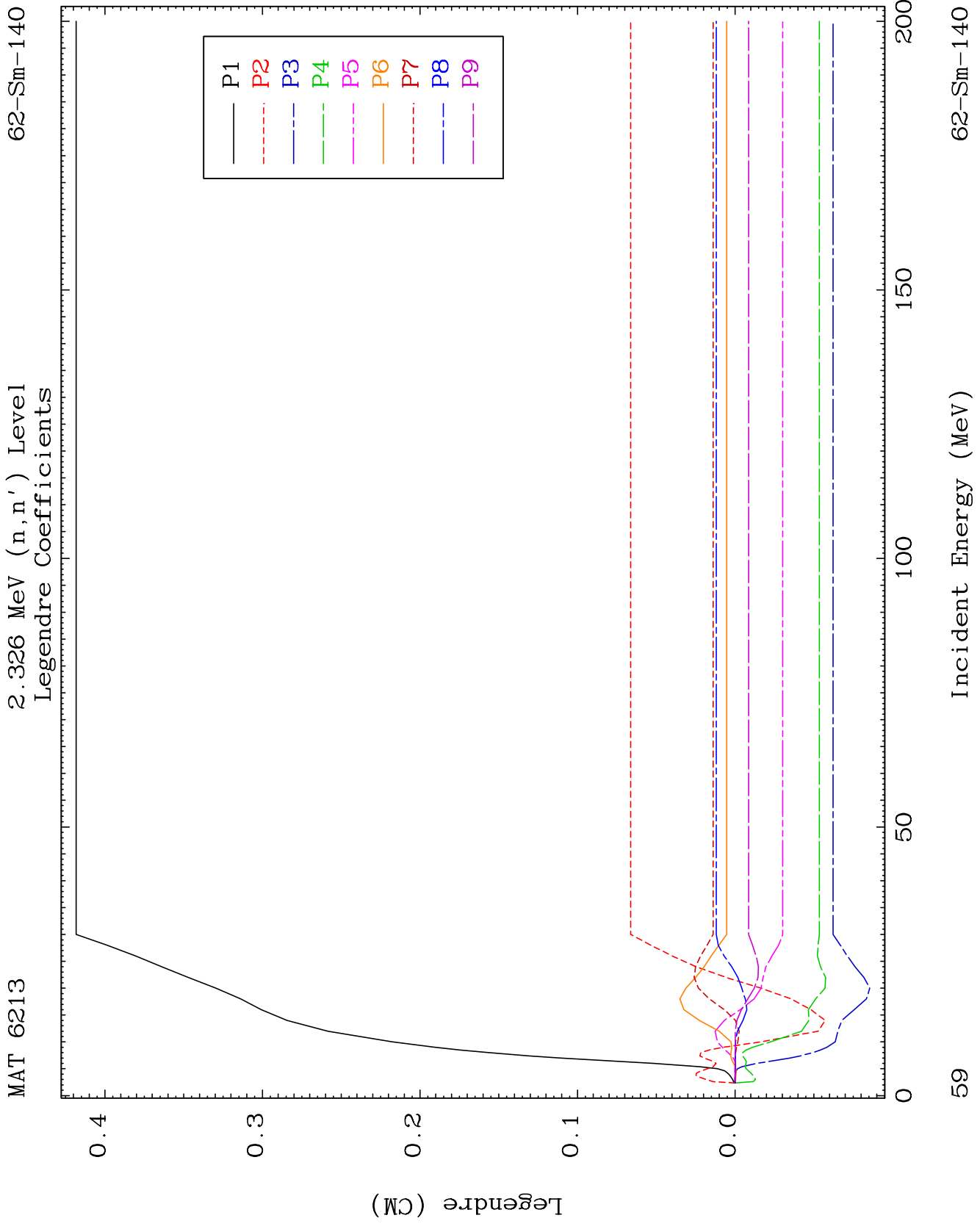
62-Sm-140

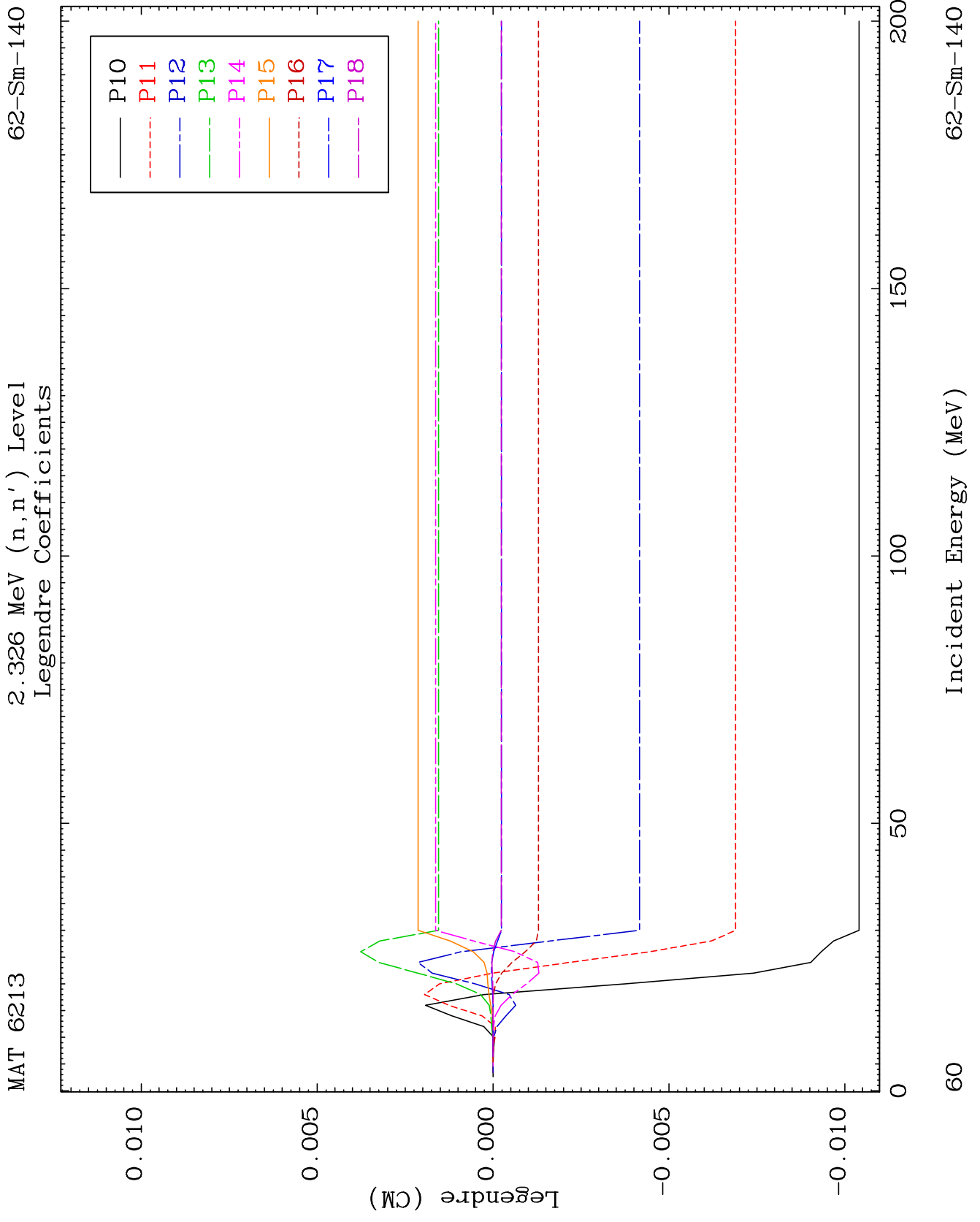


57

62-Sm-140



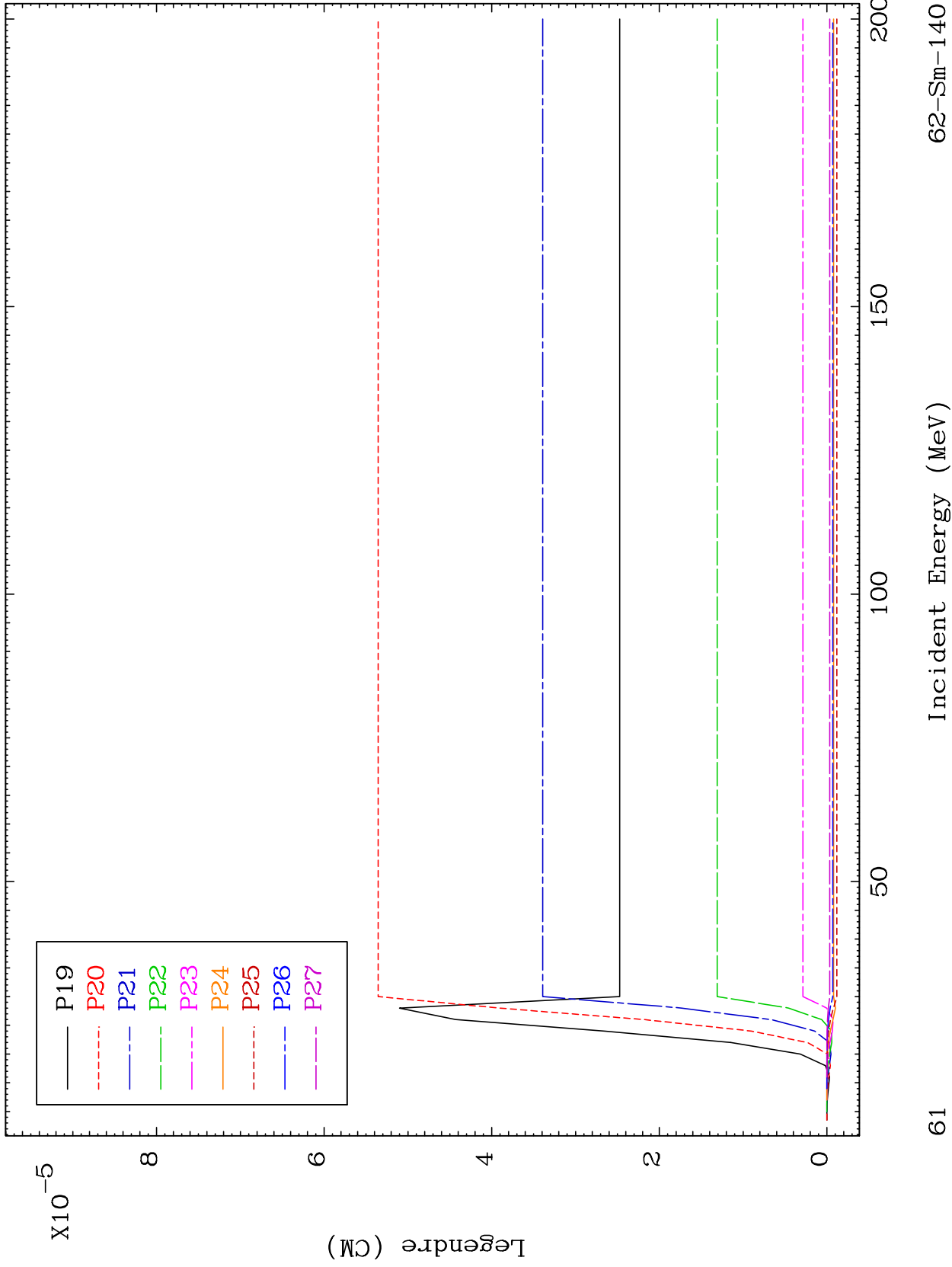


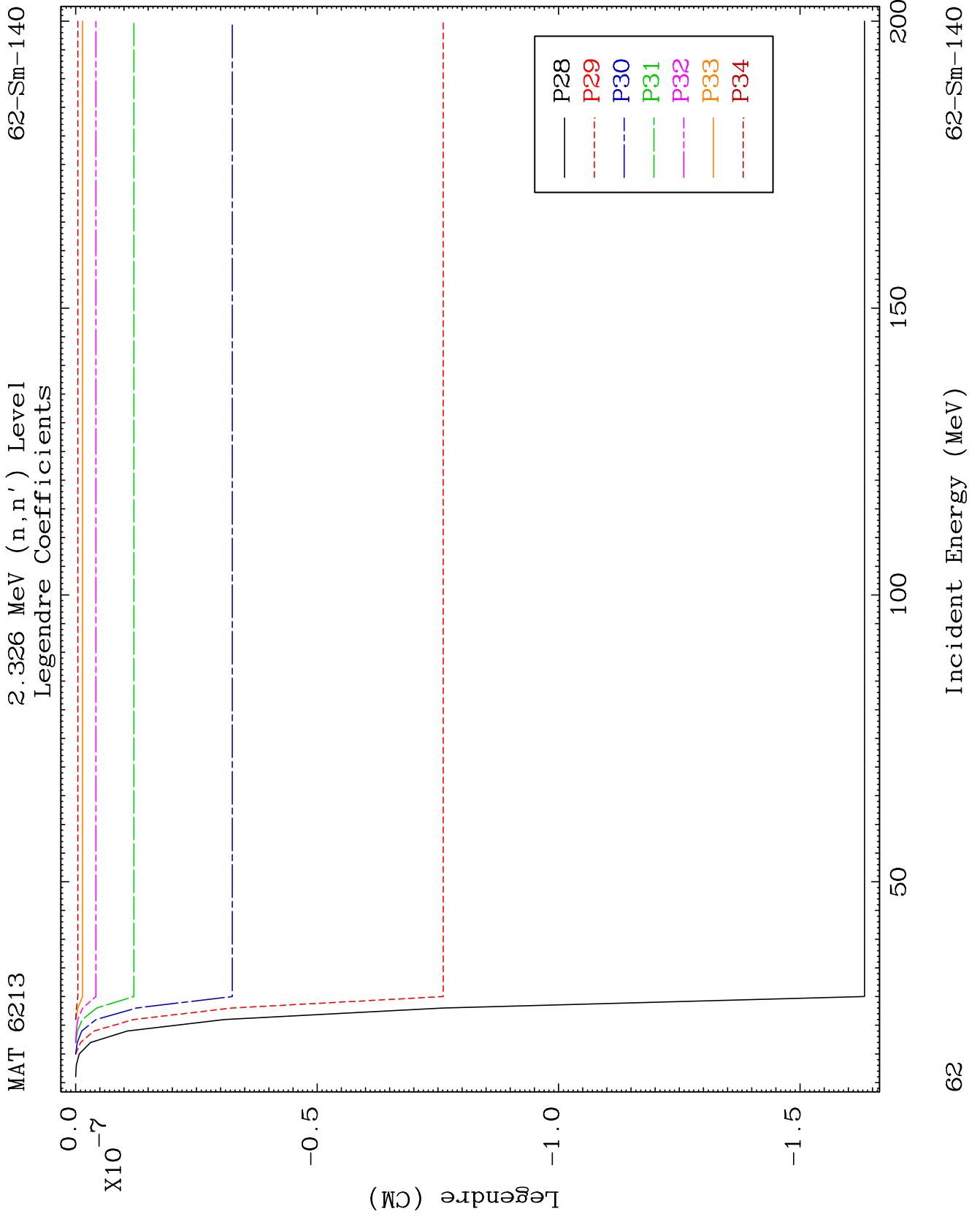


MAT 6213

2.326 MeV (n, n') Level
Legendre Coefficients

62-Sm-140

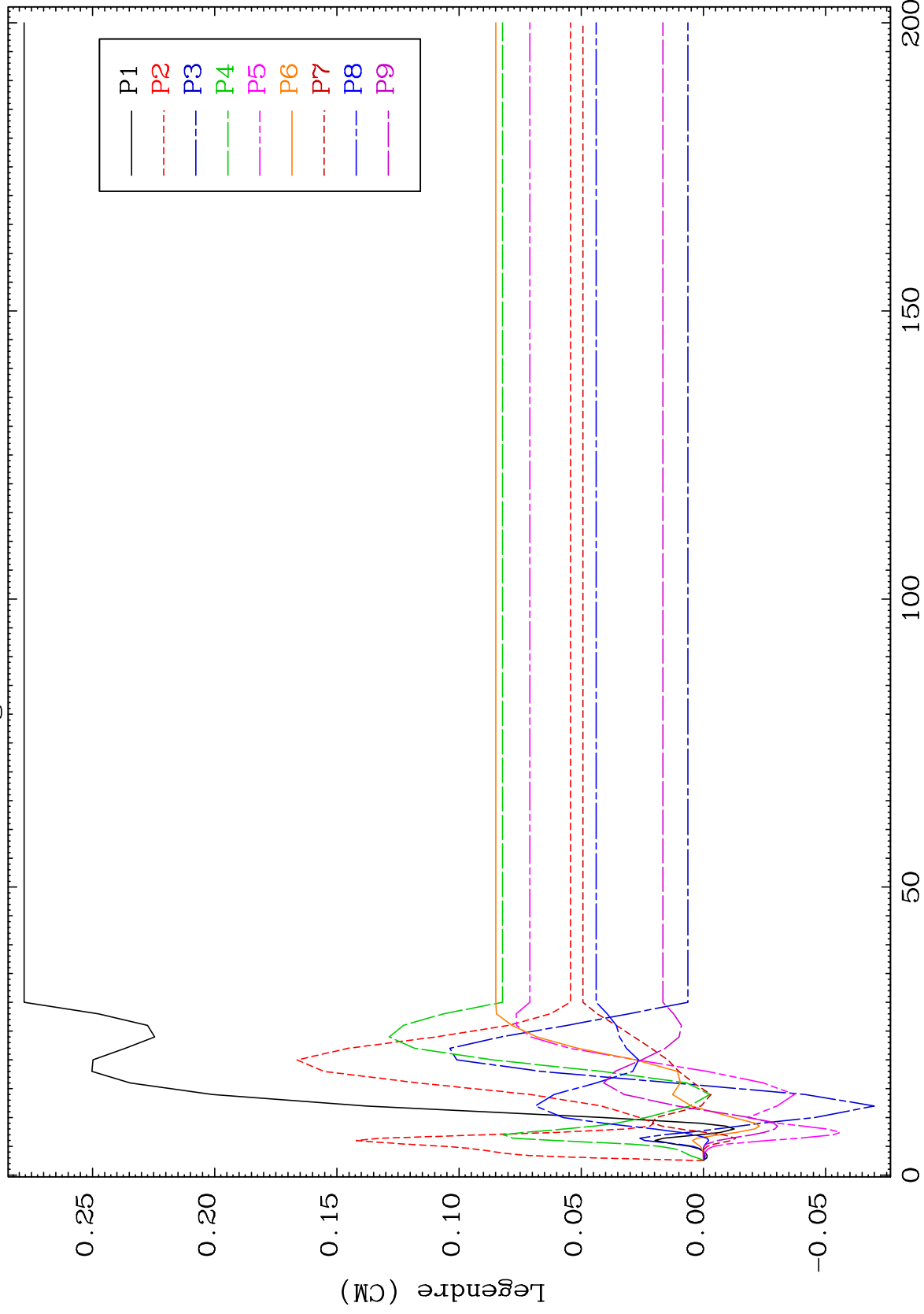




MAT 6213

2.482 MeV (n, n') Level
Legendre Coefficients

62-Sm-140



63

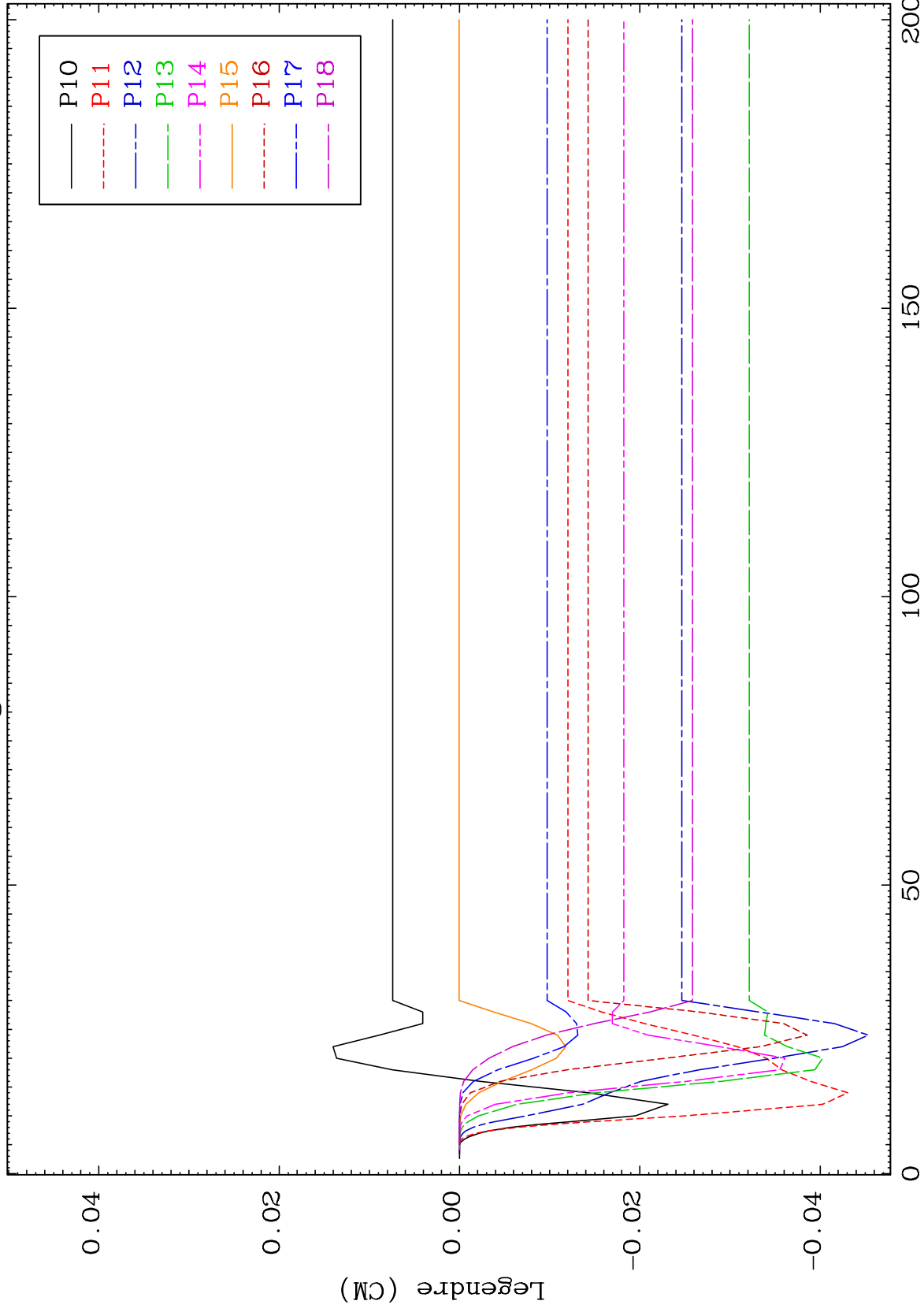
Incident Energy (MeV)

62-Sm-140

MAT 6213

2.482 MeV (n,n') Level
Legendre Coefficients

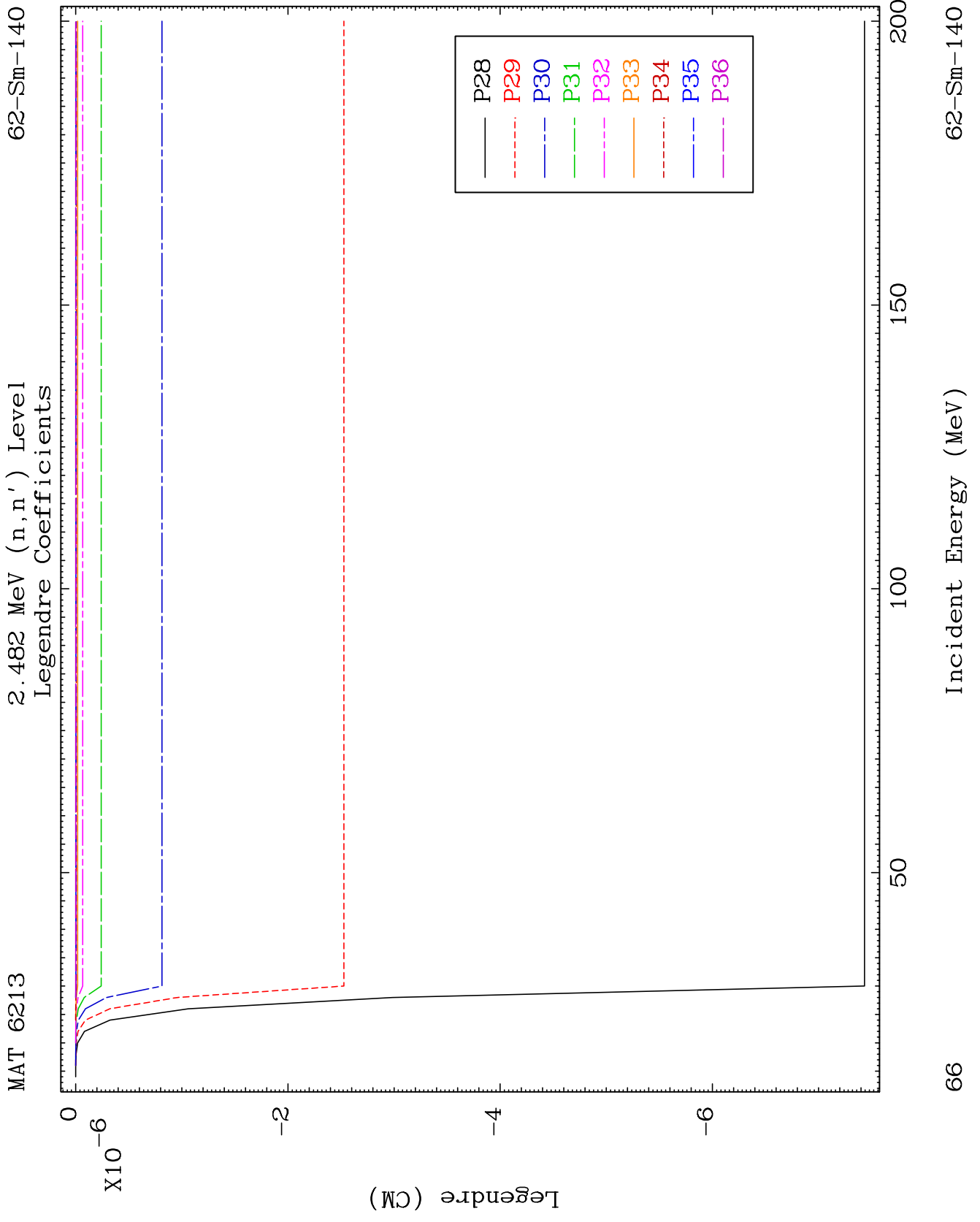
62-Sm-140

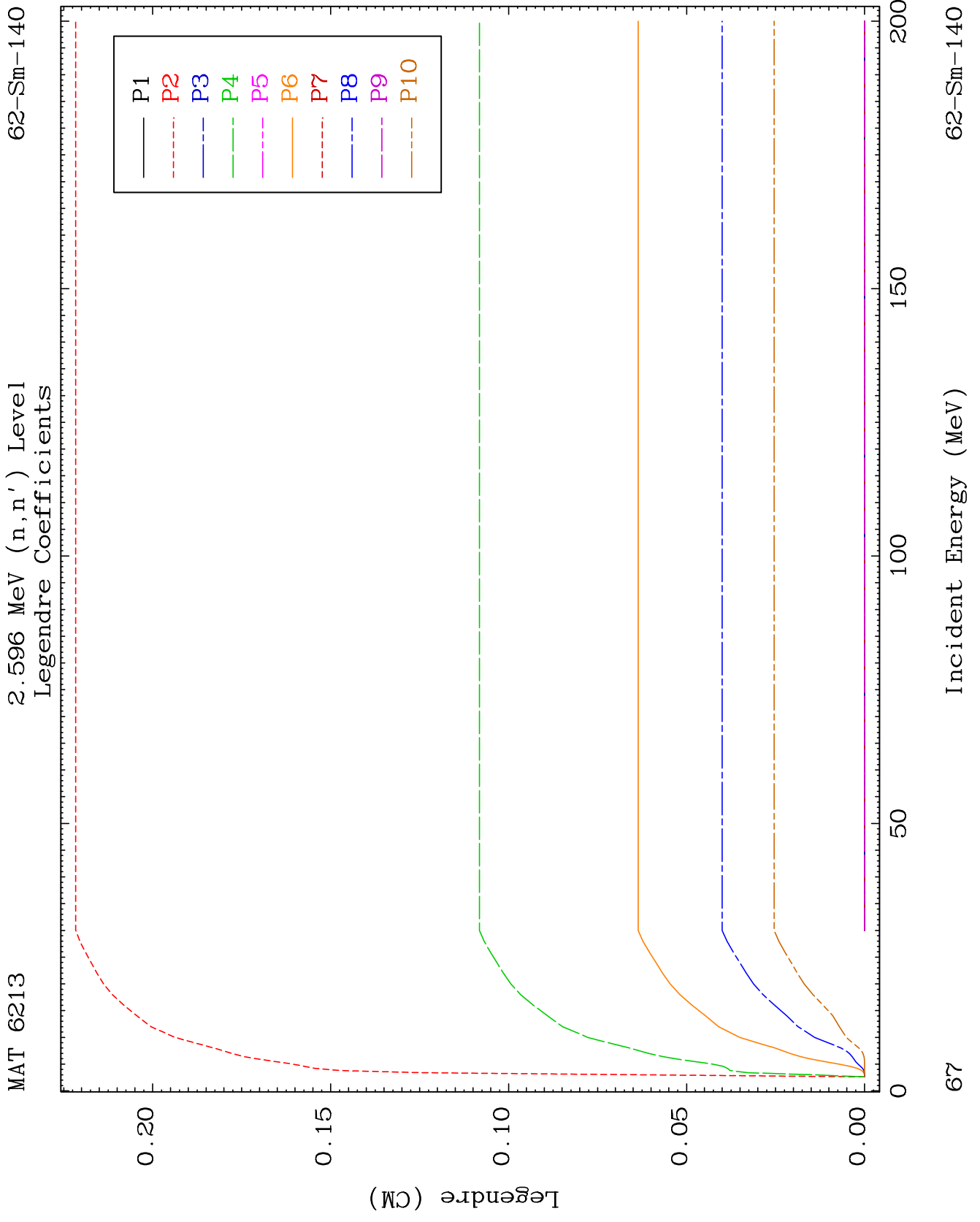


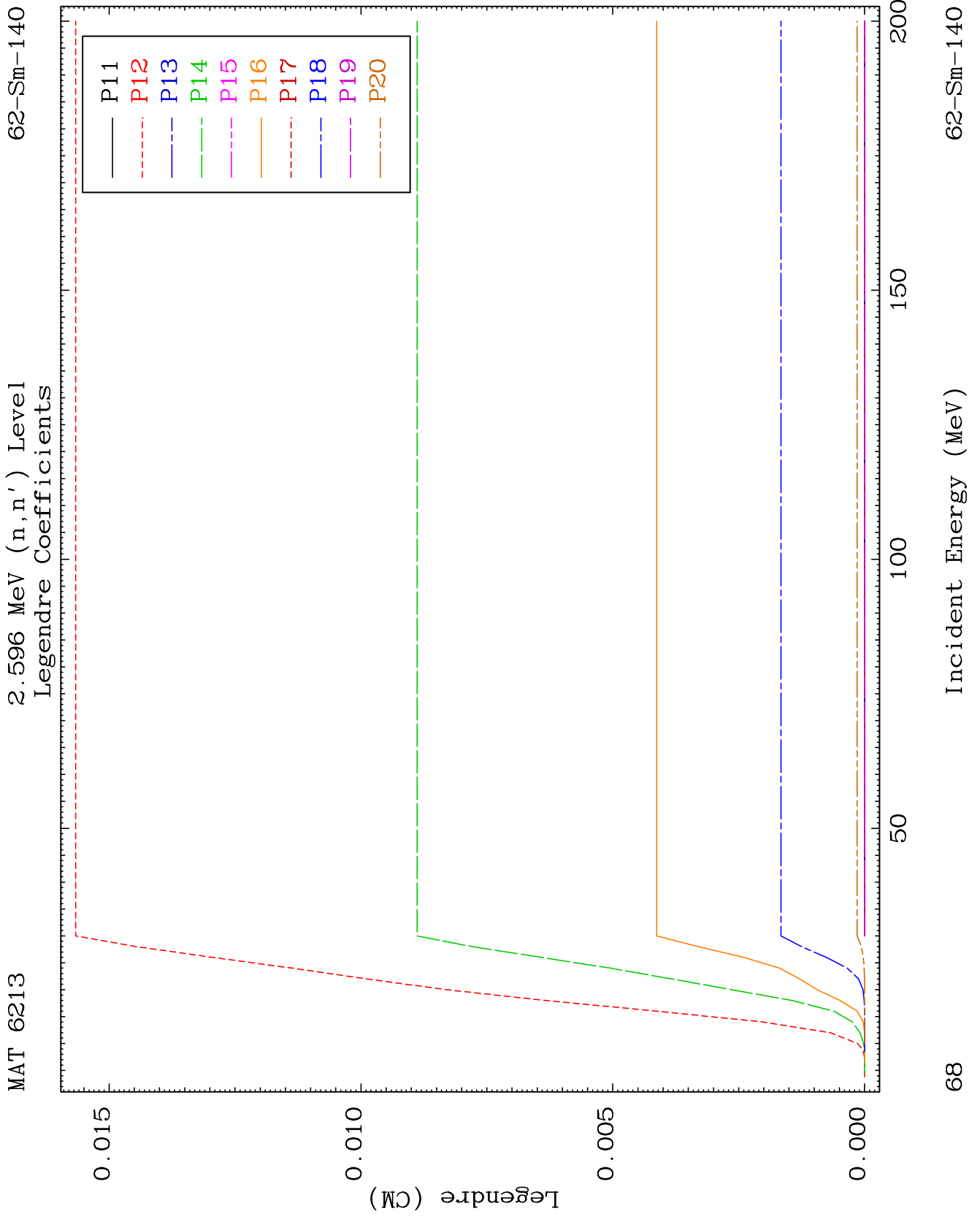
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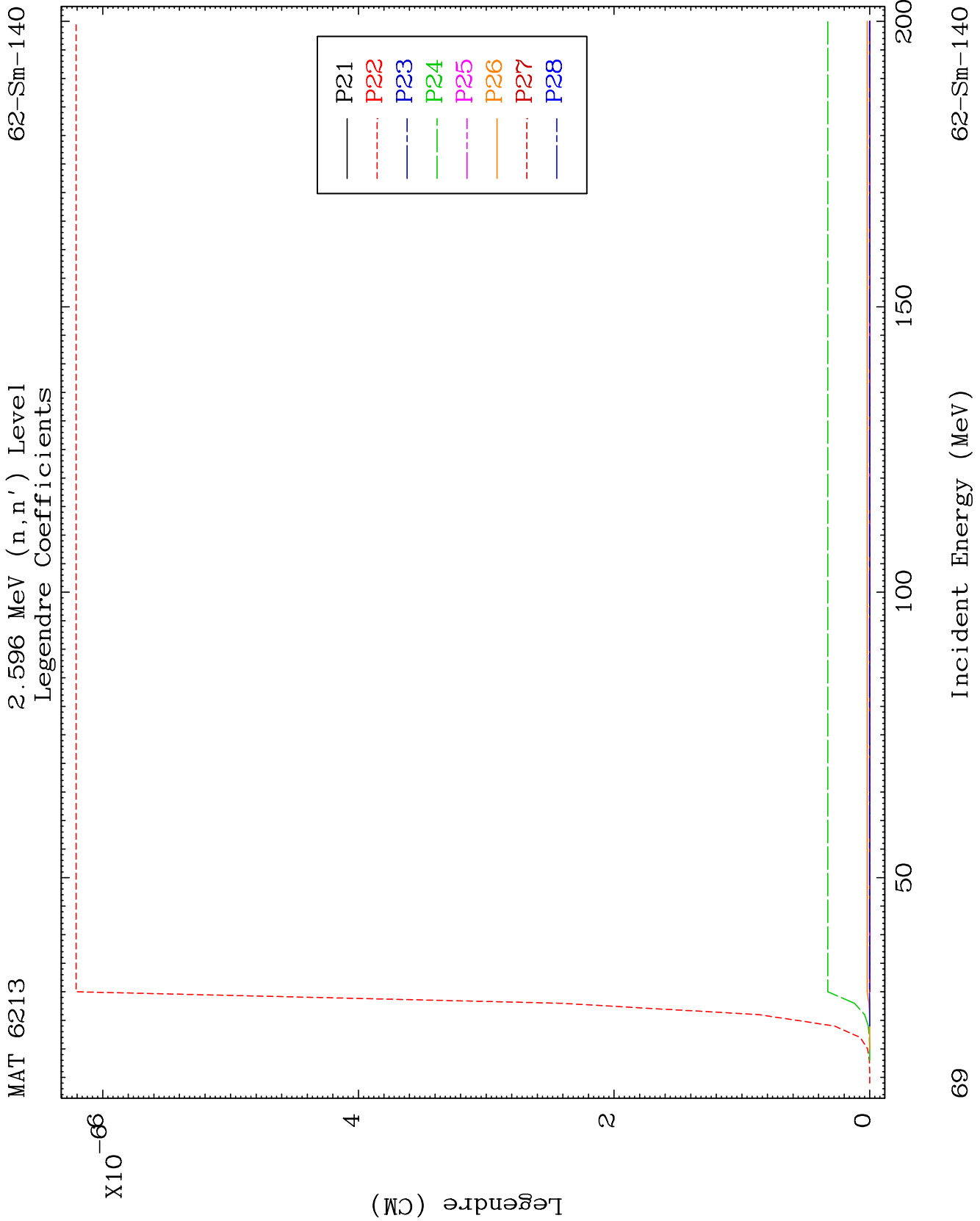
Incident Energy (MeV)

62-Sm-140





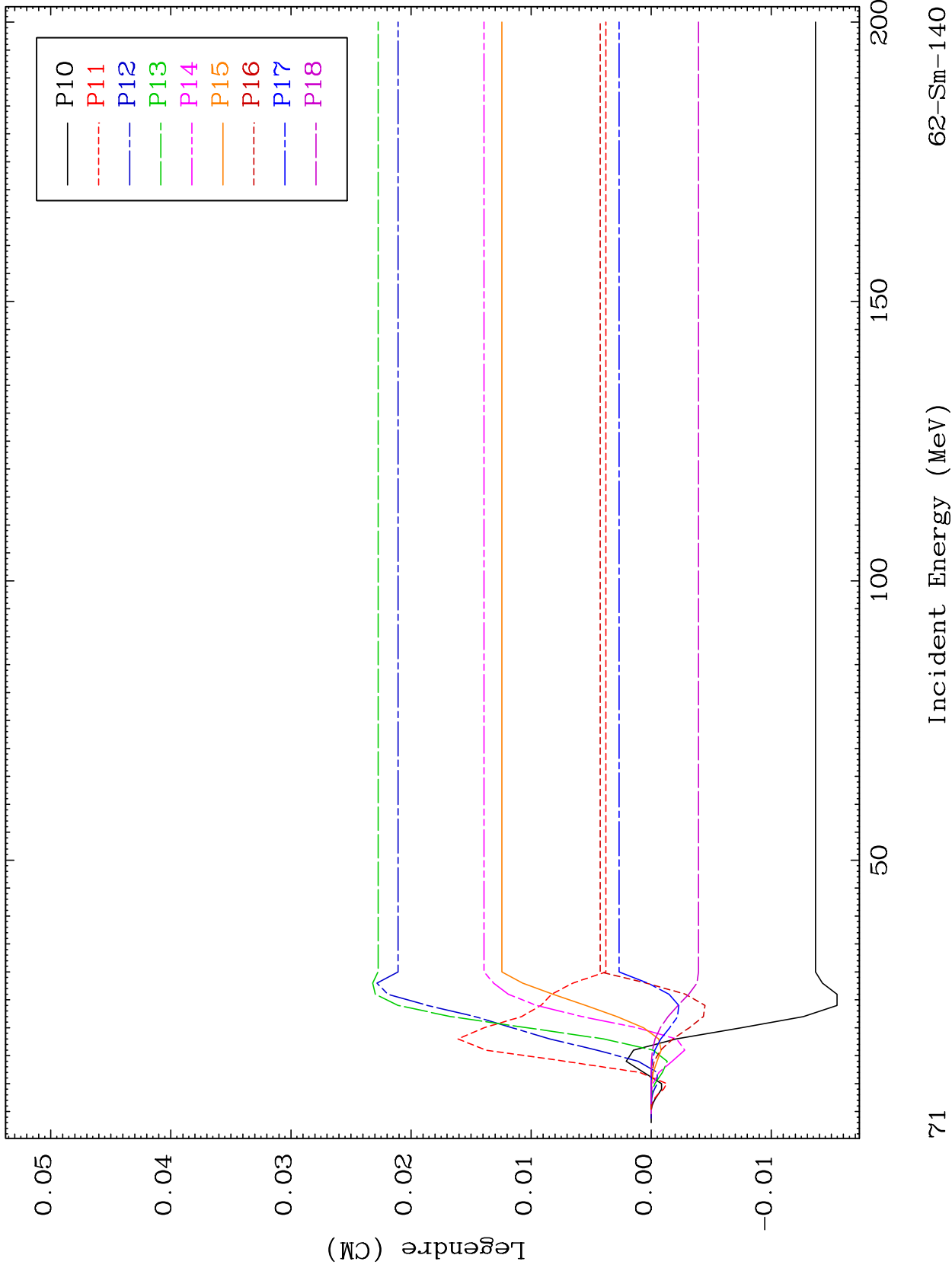




MAT 6213

2.959 MeV (n,n') Level
Legendre Coefficients

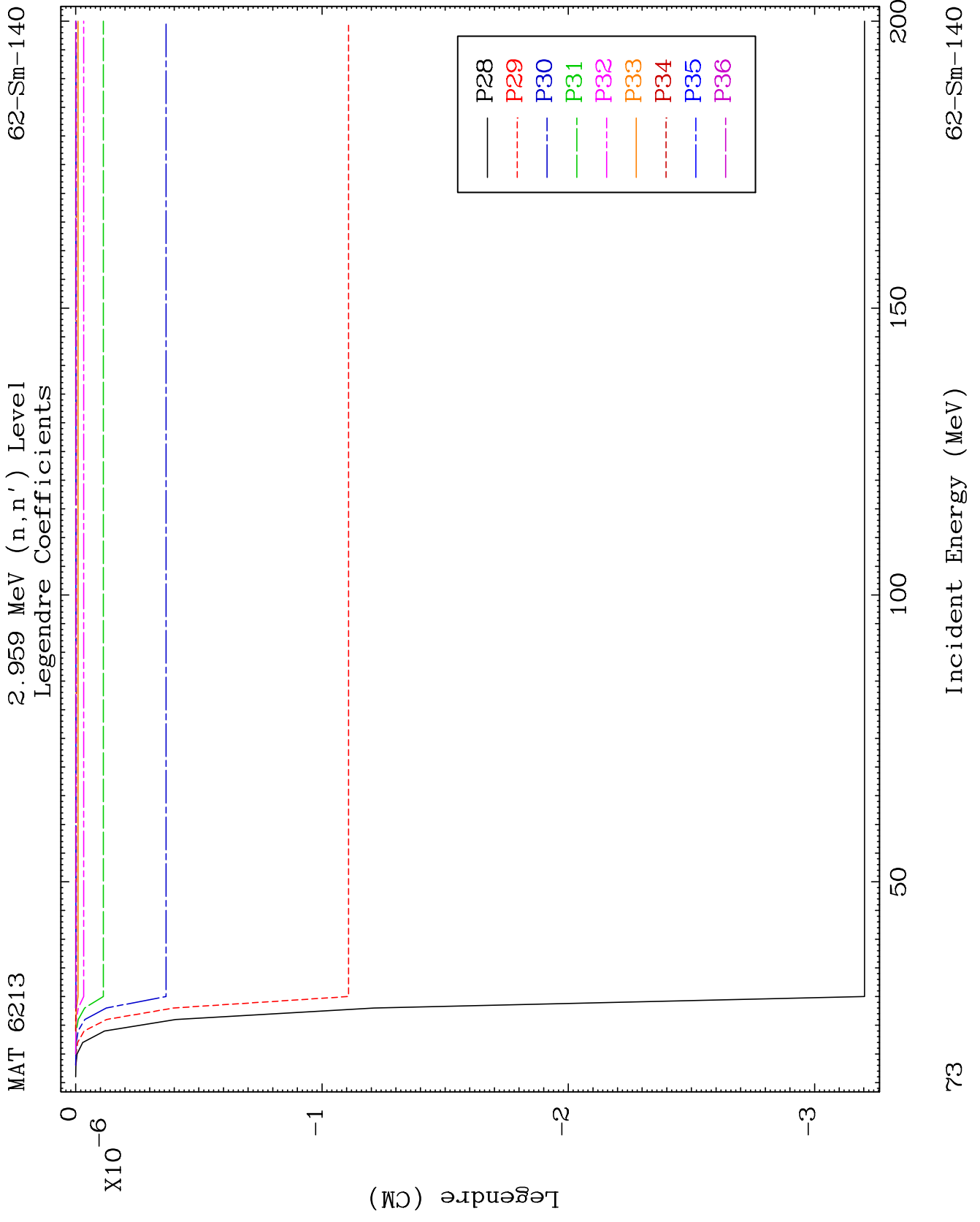
62-Sm-140



71

Incident Energy (MeV)

62-Sm-140

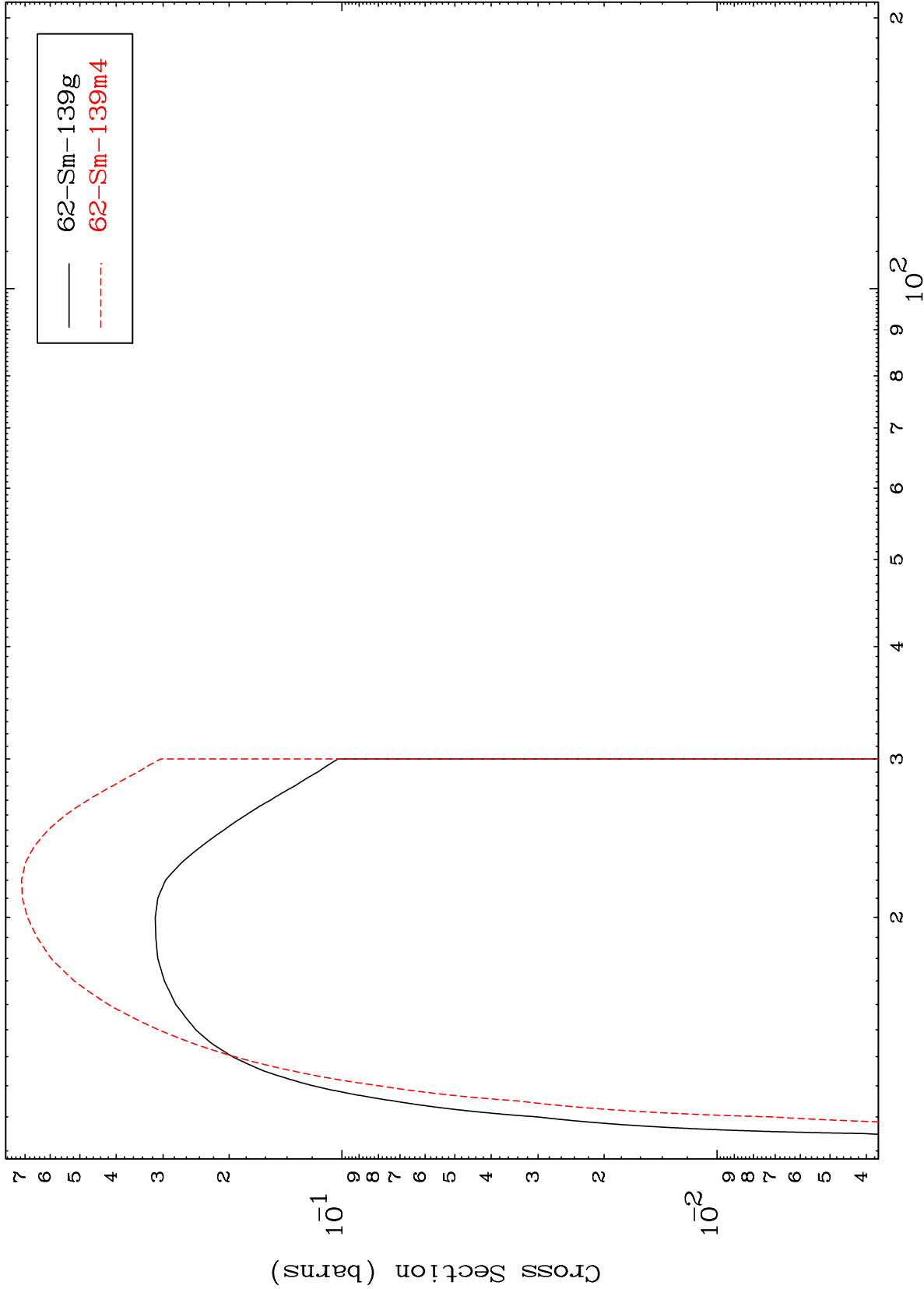


MAT 6213

(n,2n)

62-Sm-140

Radionuclide Production Cross Section



74

Incident Energy (MeV)

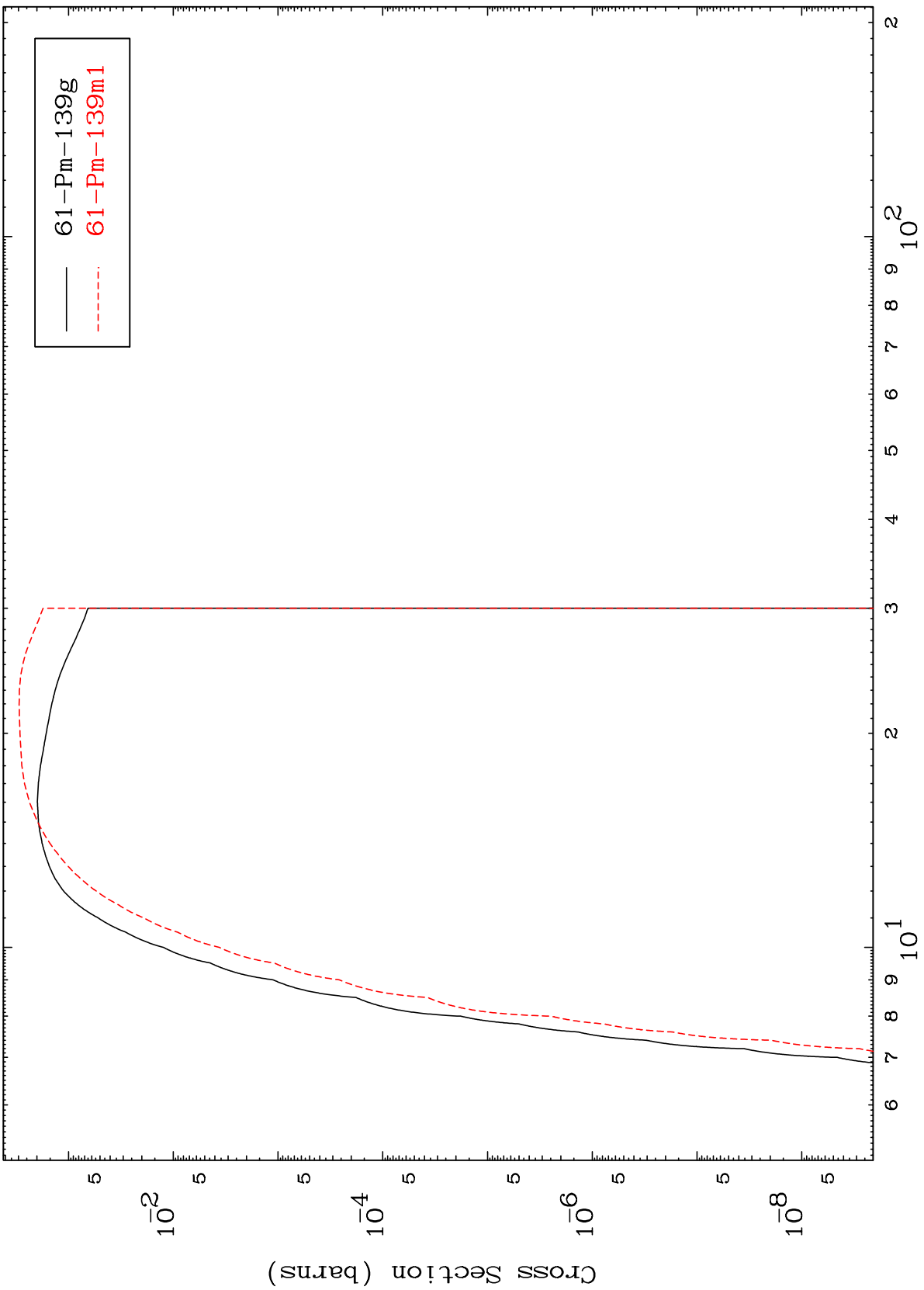
62-Sm-140

MAT 6213

(n,n') p

62-Sm-140

Radionuclide Production Cross Section



75

Incident Energy (MeV)

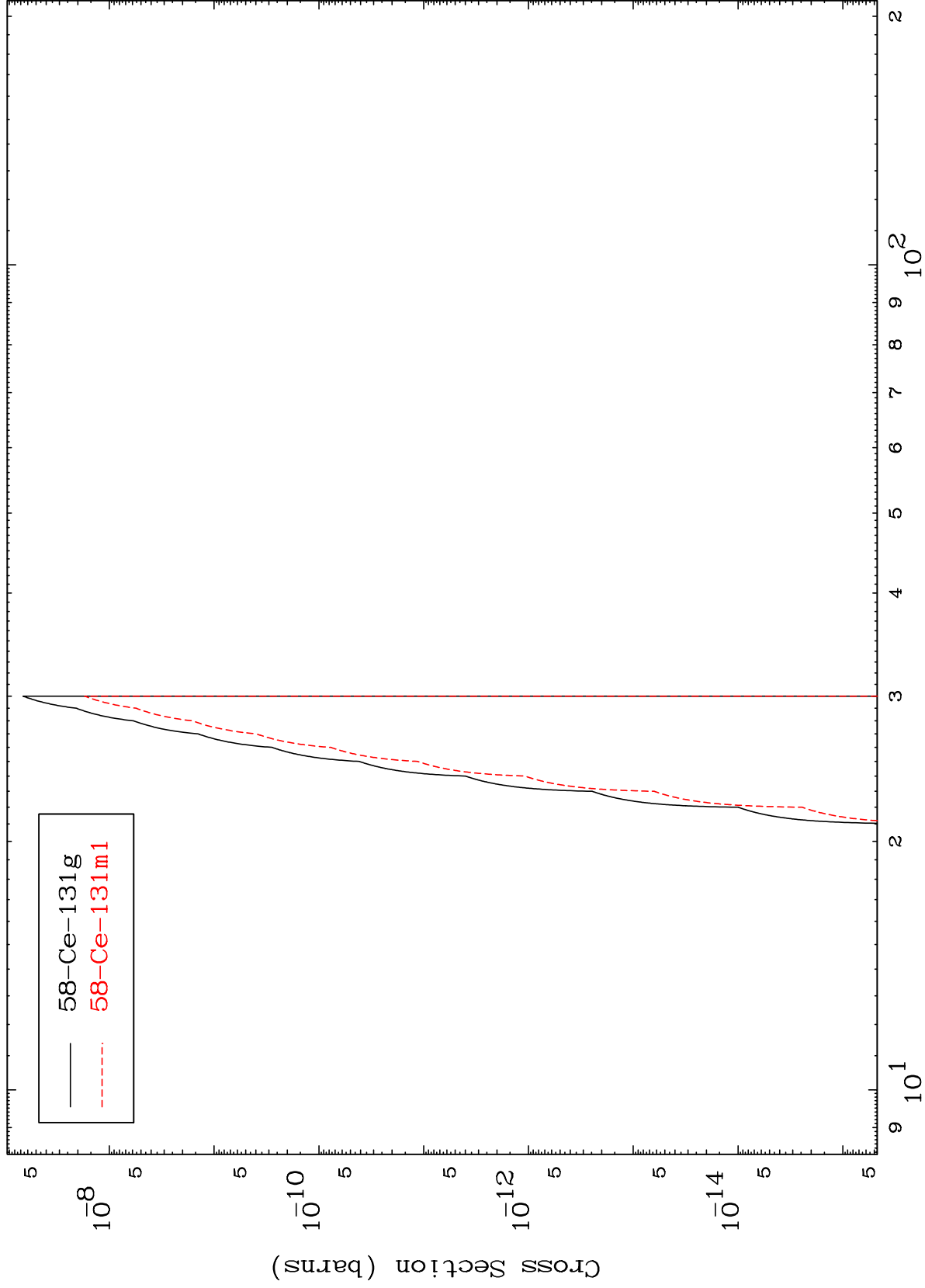
62-Sm-140

MAT 6213

(n,2n) 2α

62-Sm-140

Radionuclide Production Cross Section



76

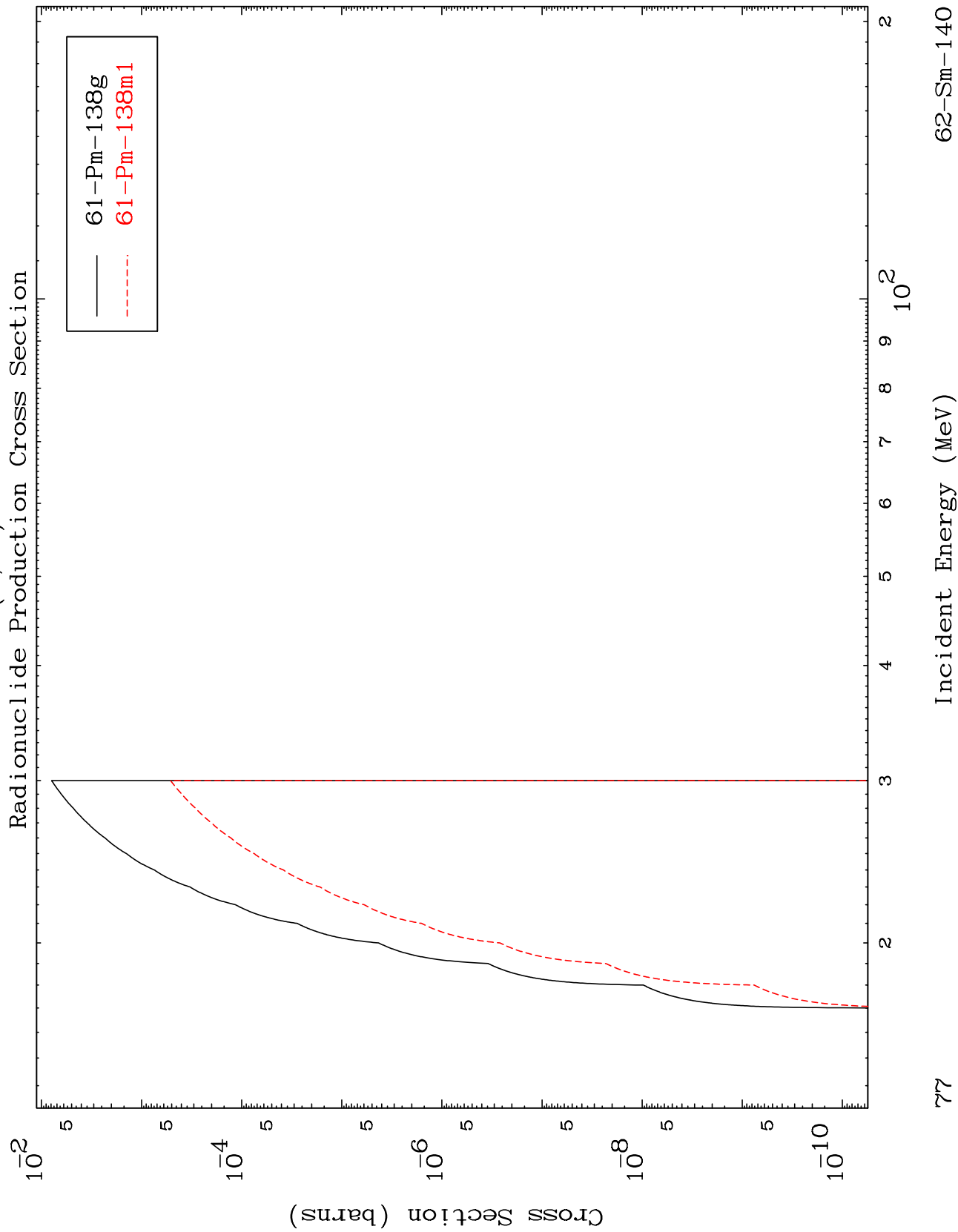
Incident Energy (MeV)

62-Sm-140

MAT 6213

(n,n') d

62-Sm-140



77

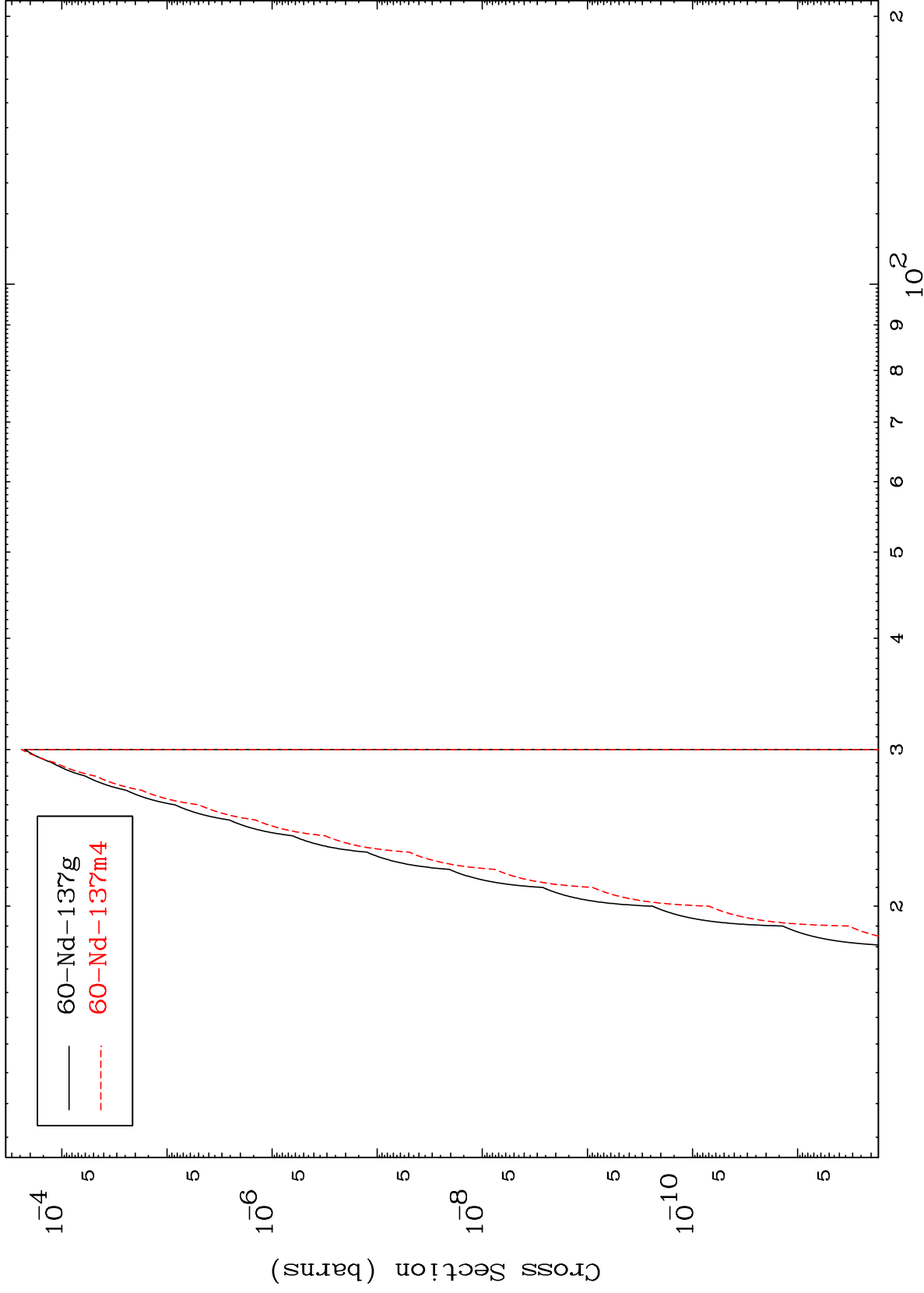
62-Sm-140

MAT 6213

(n,n') He-3

62-Sm-140

Radionuclide Production Cross Section



78

Incident Energy (MeV)

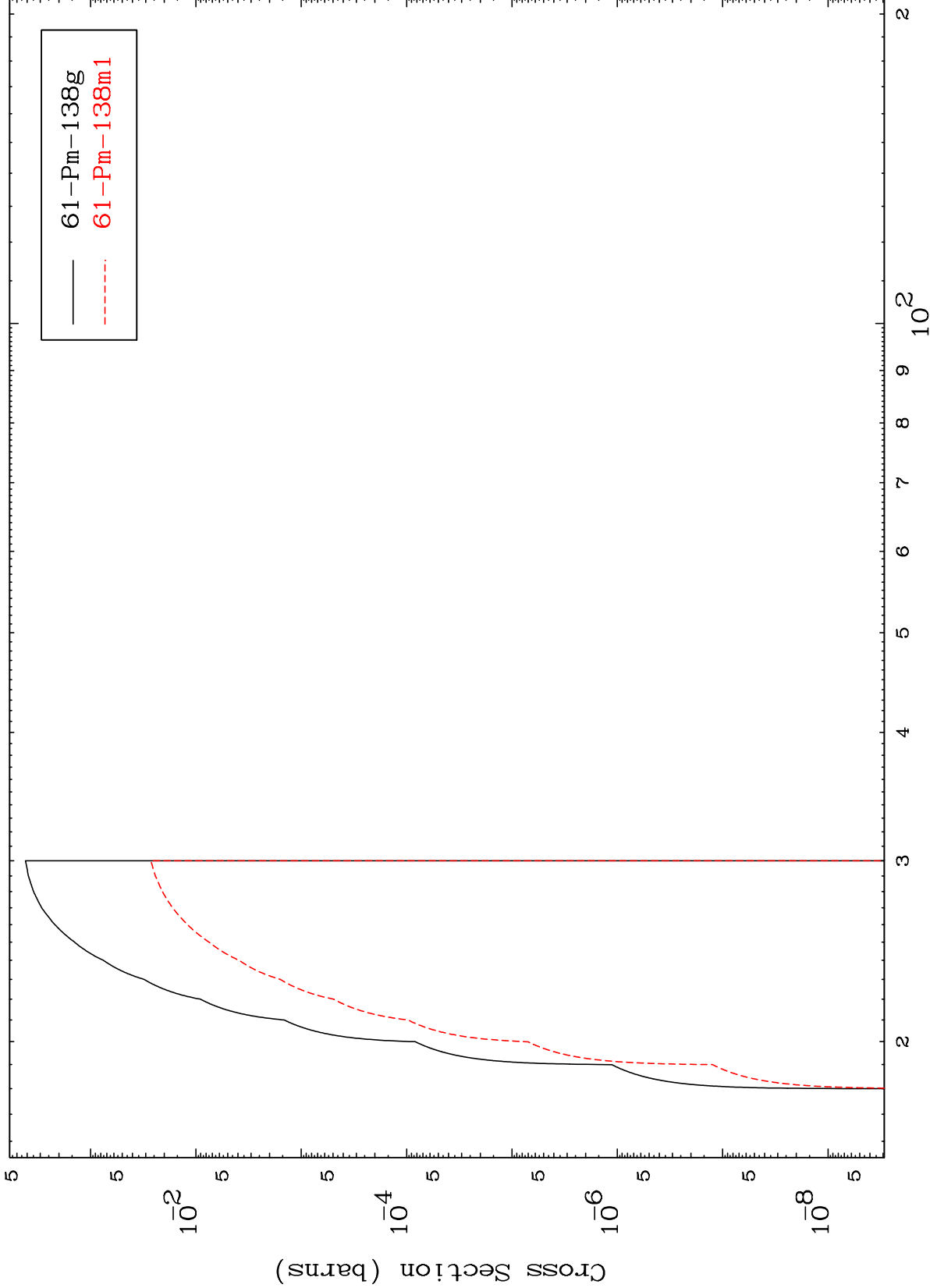
62-Sm-140

MAT 6213

(n,2n) p

62-Sm-140

Radionuclide Production Cross Section



79

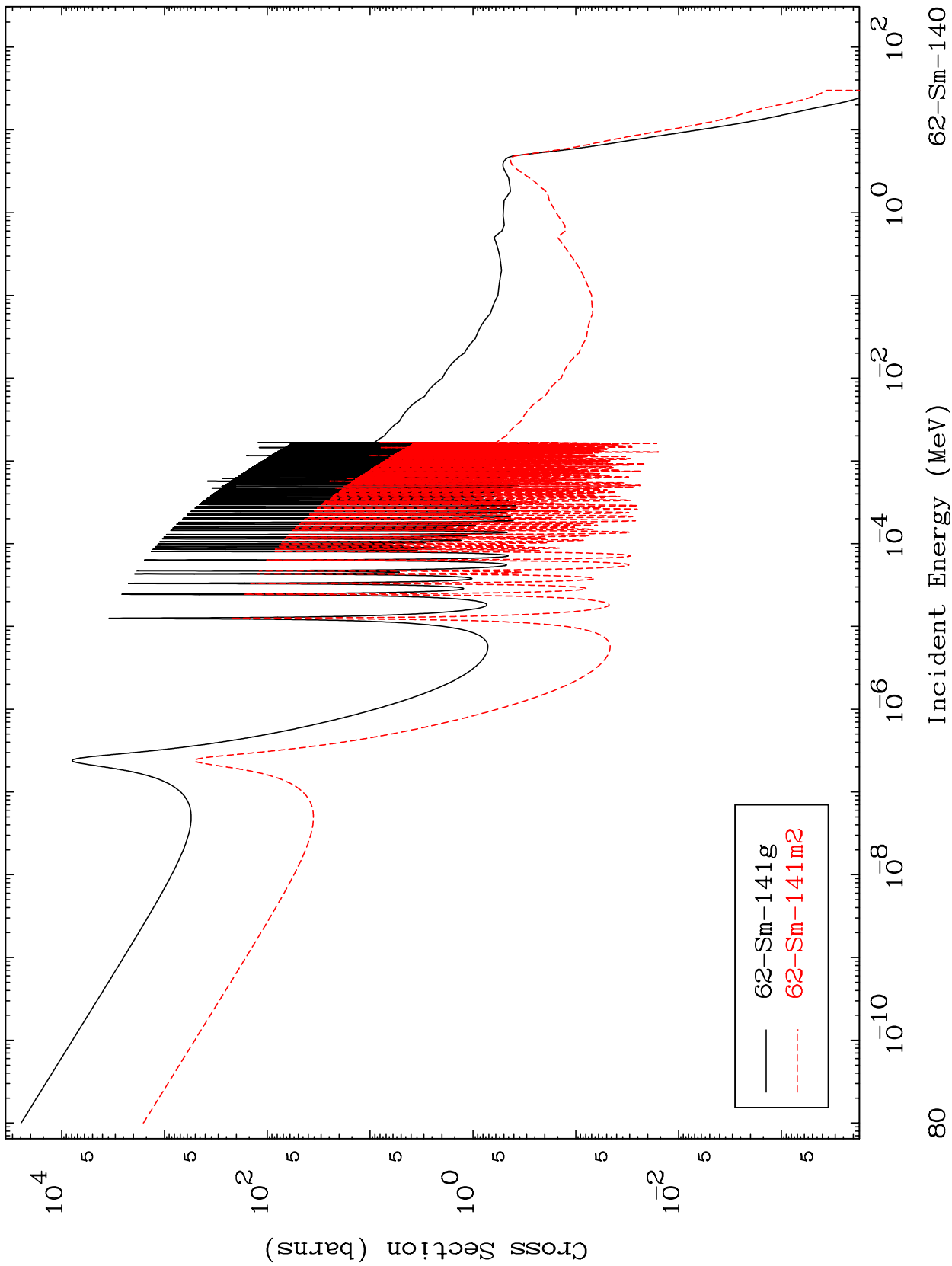
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

(n, γ)
Radionuclide Production Cross Section



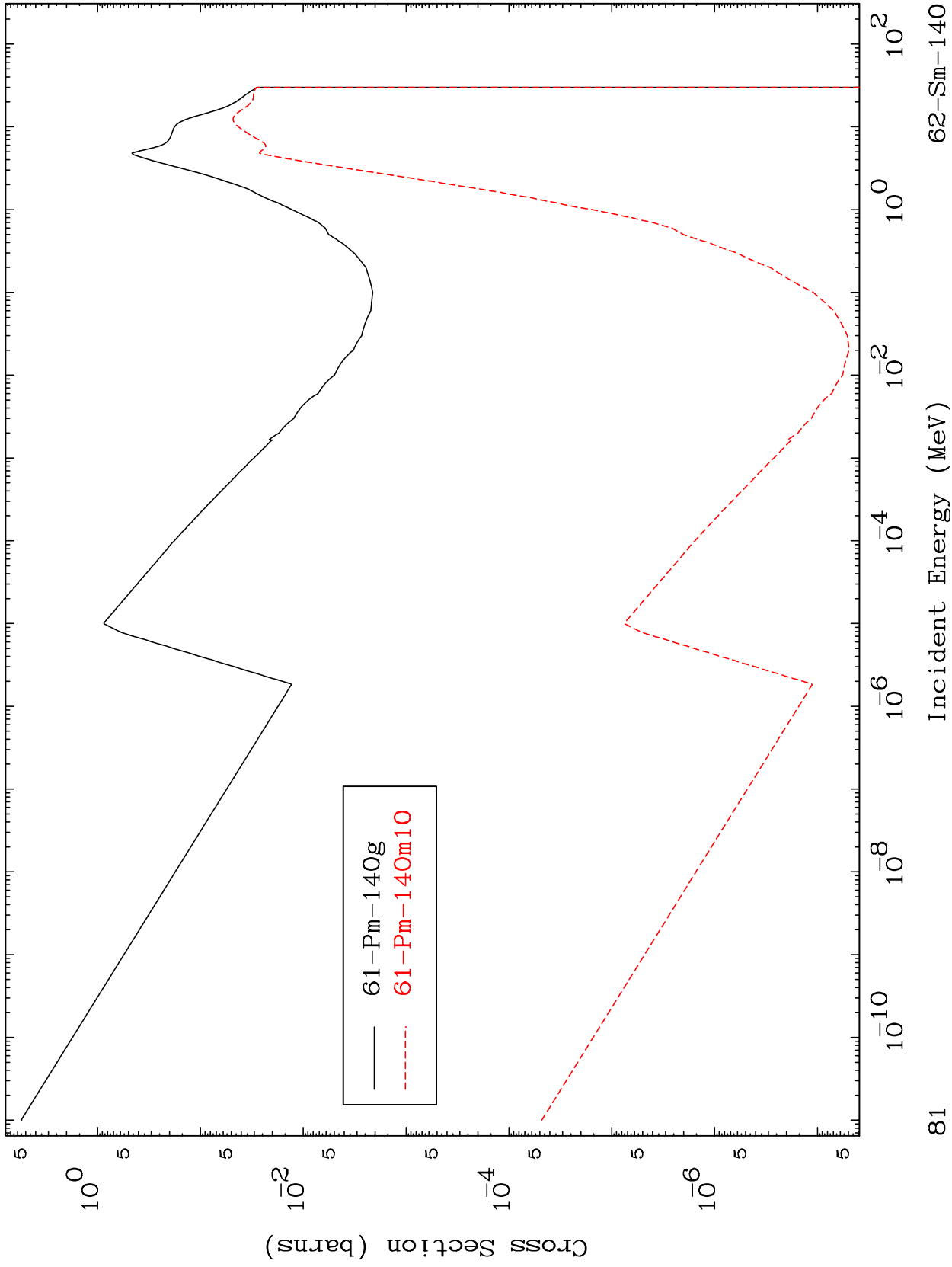
62-Sm-140

Incident Energy (MeV)

MAT 6213

62-Sm-140

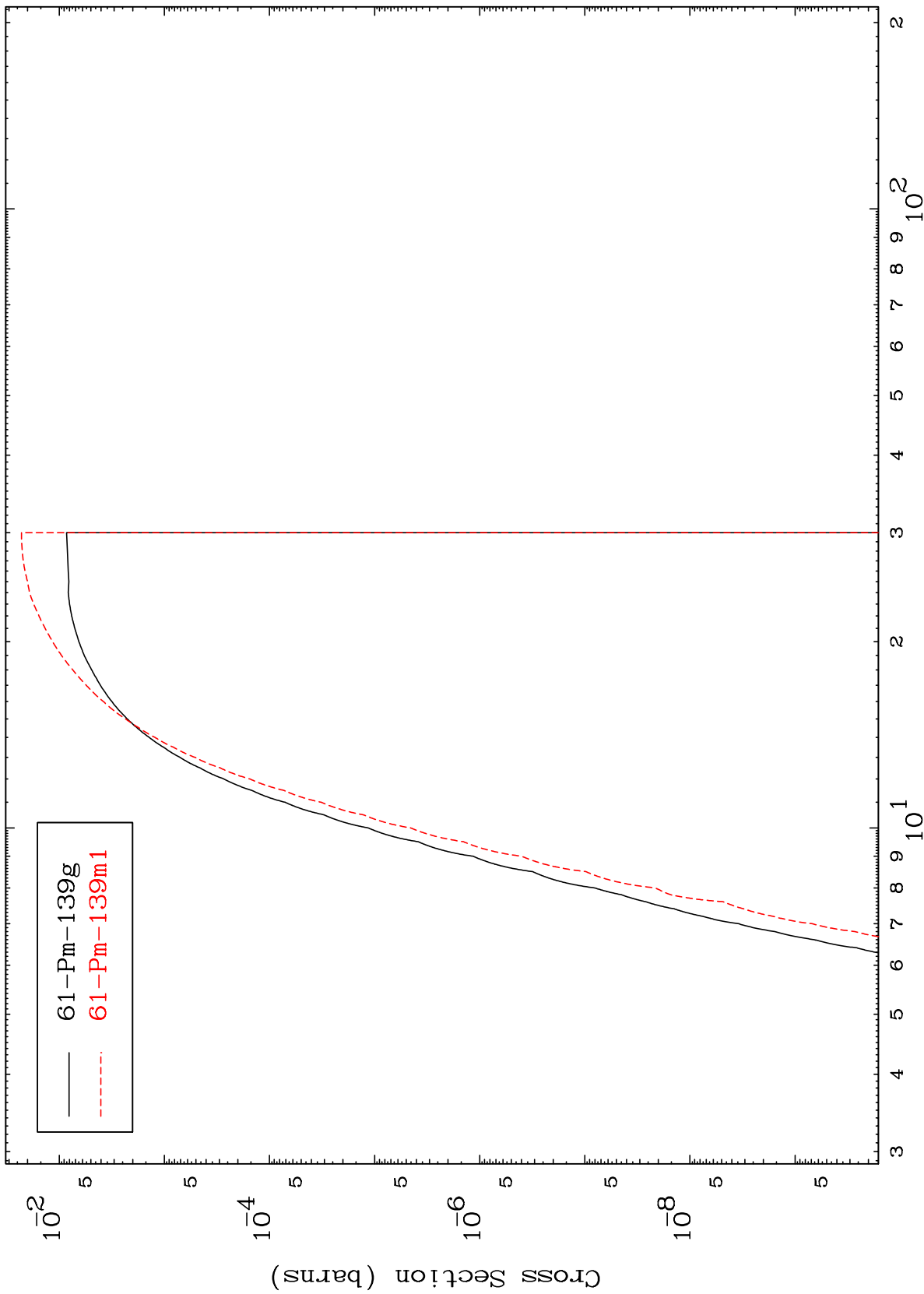
Radionuclide Production Cross Section



MAT 6213

62-Sm-140

(n,d)
Radionuclide Production Cross Section



82

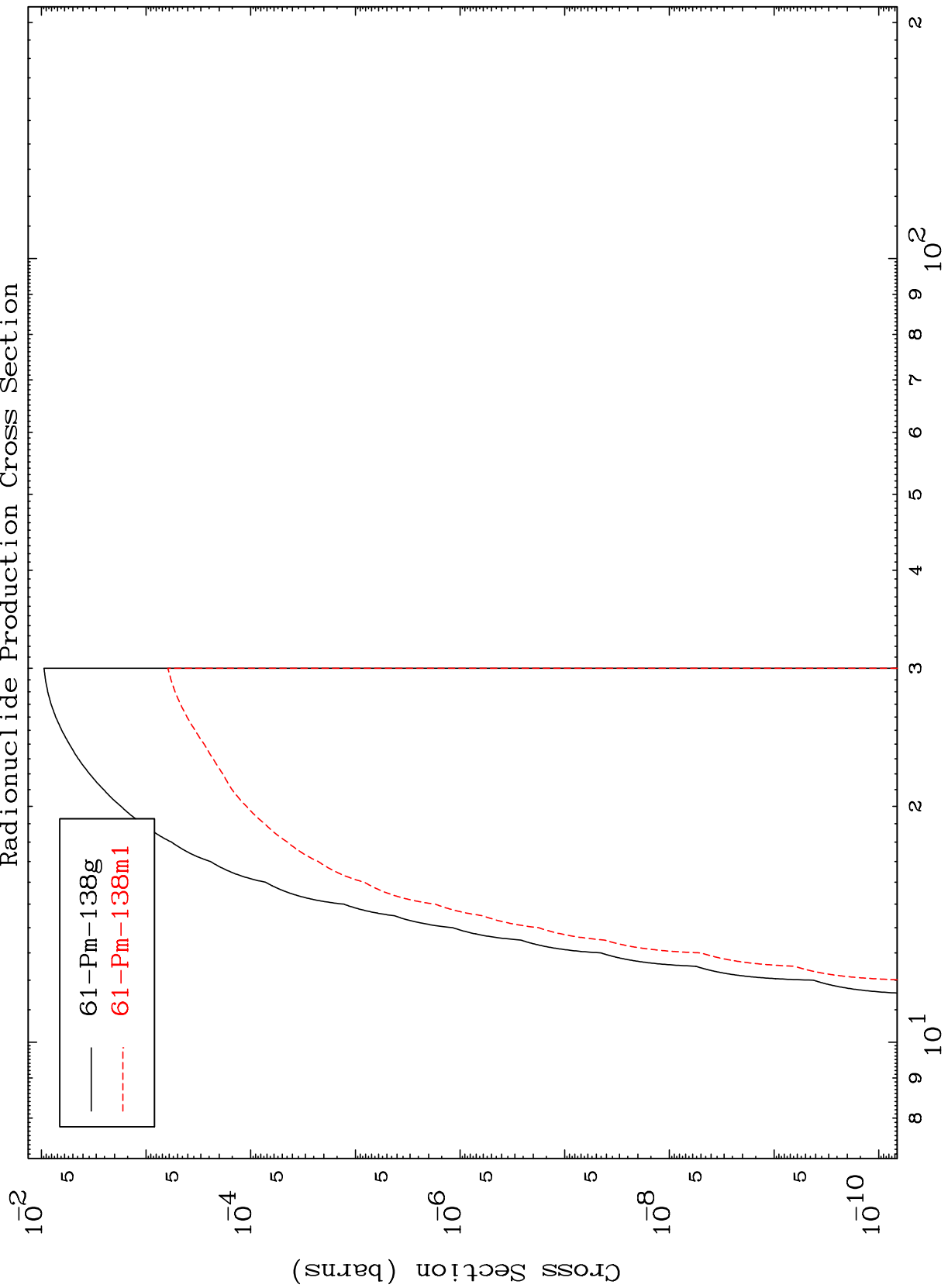
Incident Energy (MeV)

62-Sm-140

MAT 6213

62-Sm-140

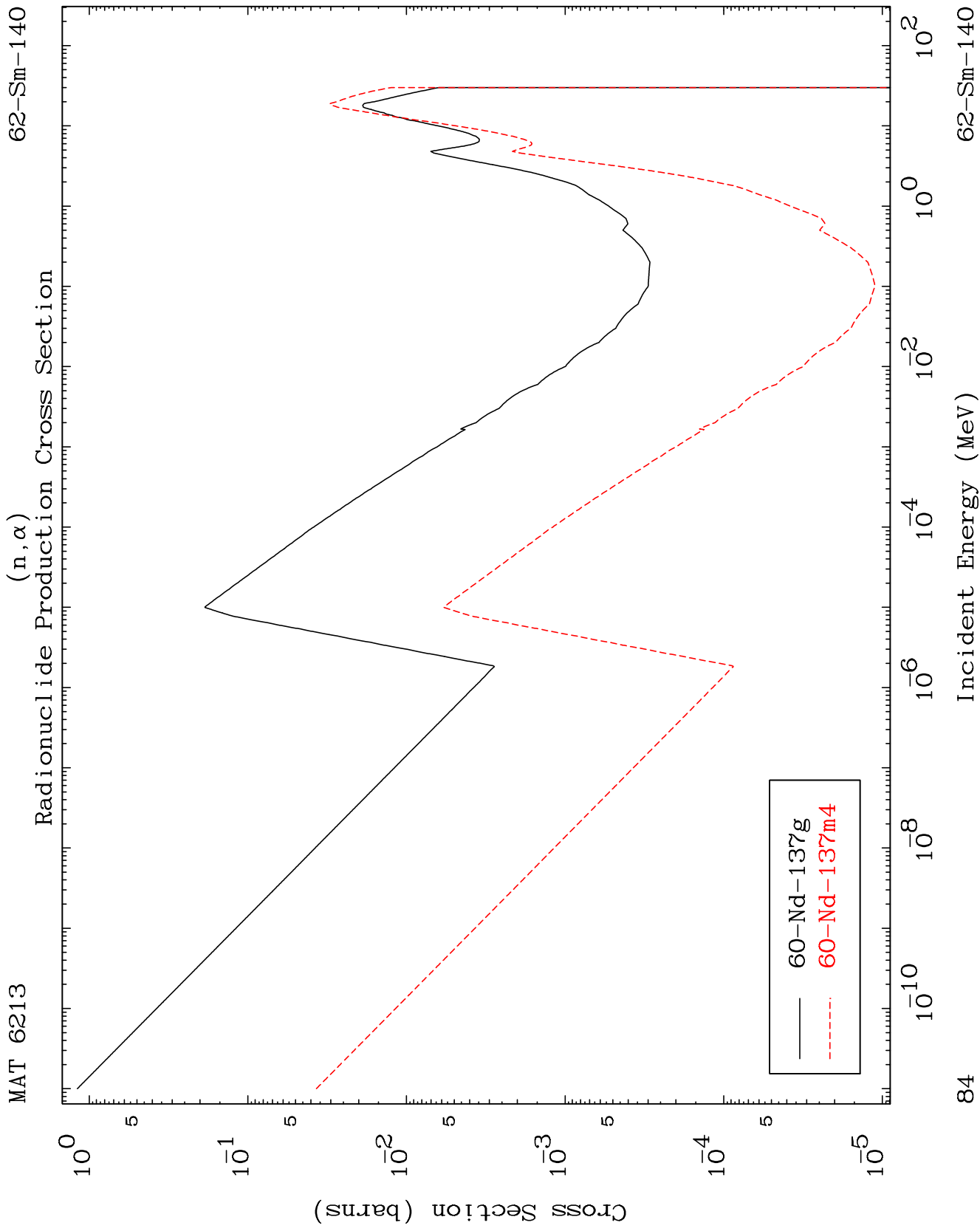
(n,t)
Radionuclide Production Cross Section



MAT 6213

62-Sm-140

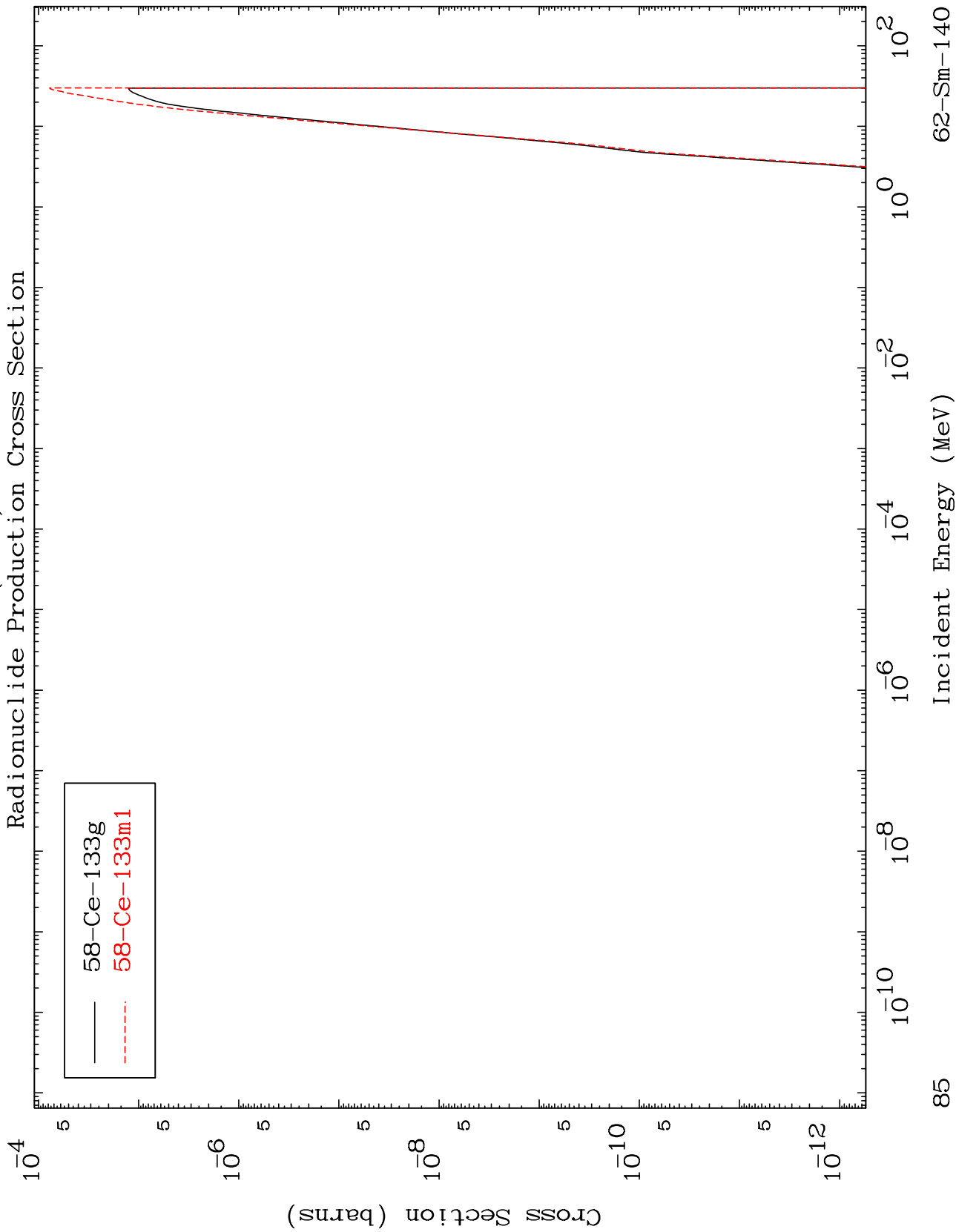
Radionuclide Production Cross Section



MAT 6213

62-Sm-140

(n,2α)
Radionuclide Production Cross Section

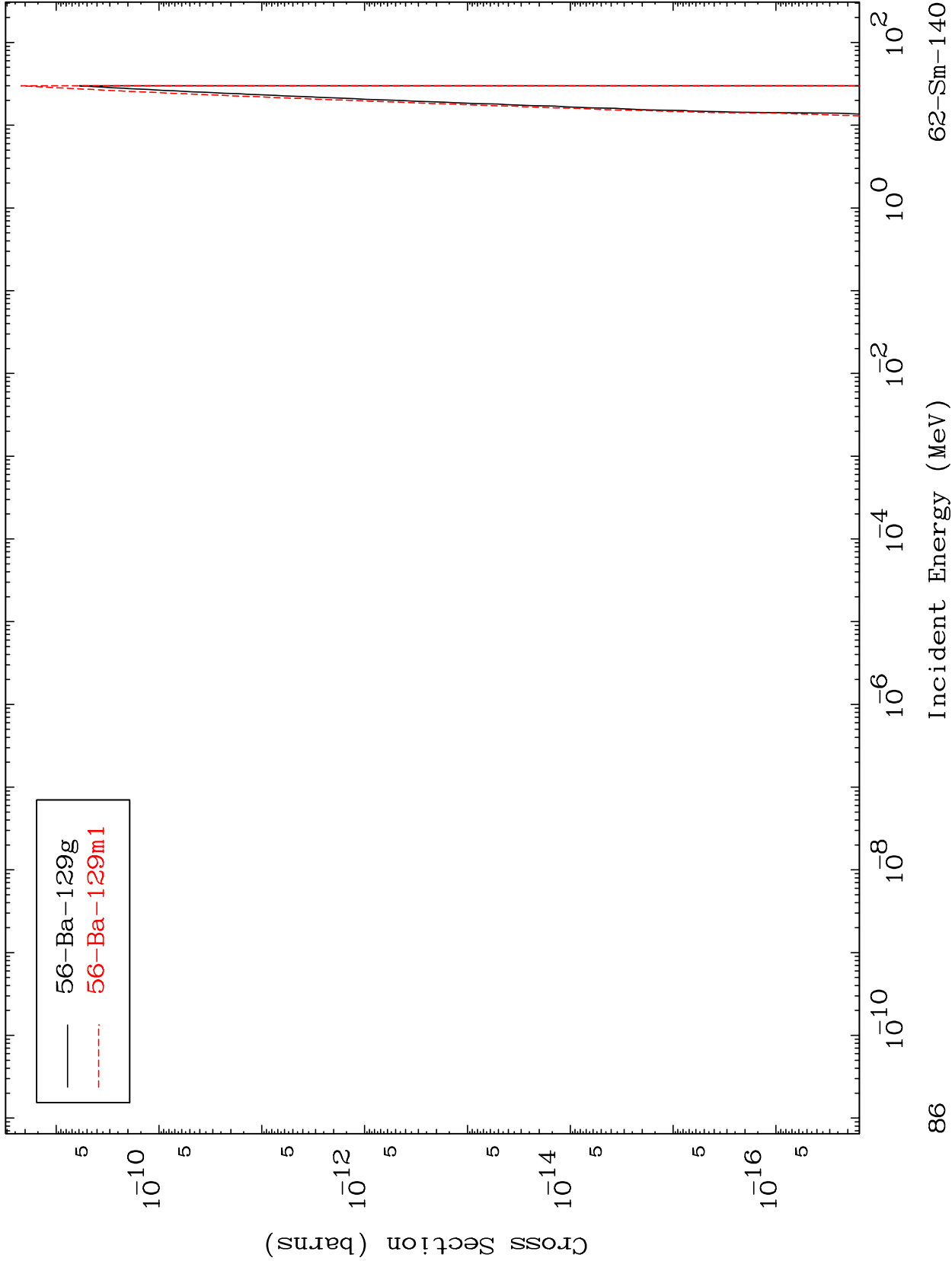


MAT 6213

(n,3 α)

62-Sm-140

Radionuclide Production Cross Section

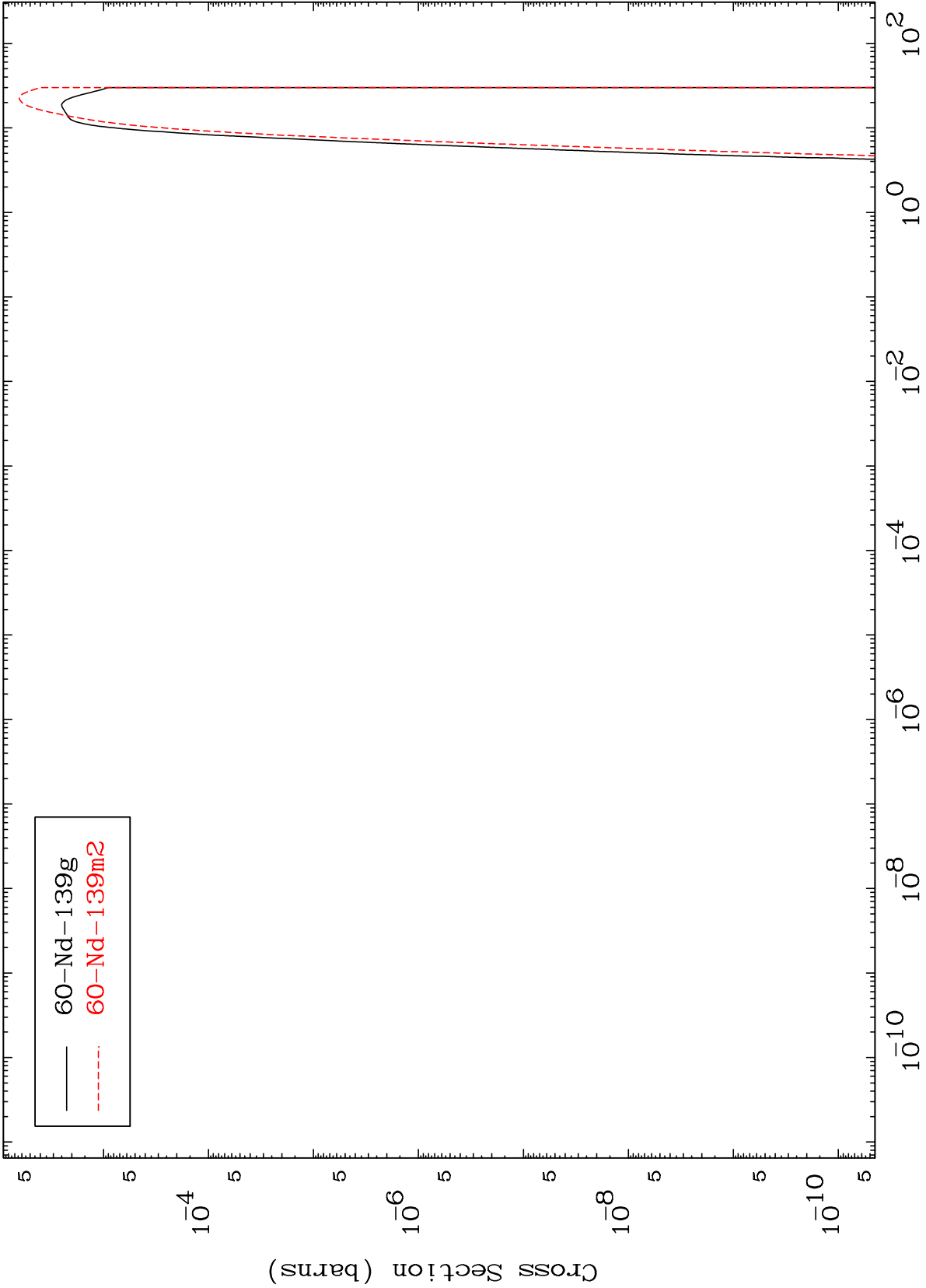


MAT 6213

(n,2p)

62-Sm-140

Radionuclide Production Cross Section



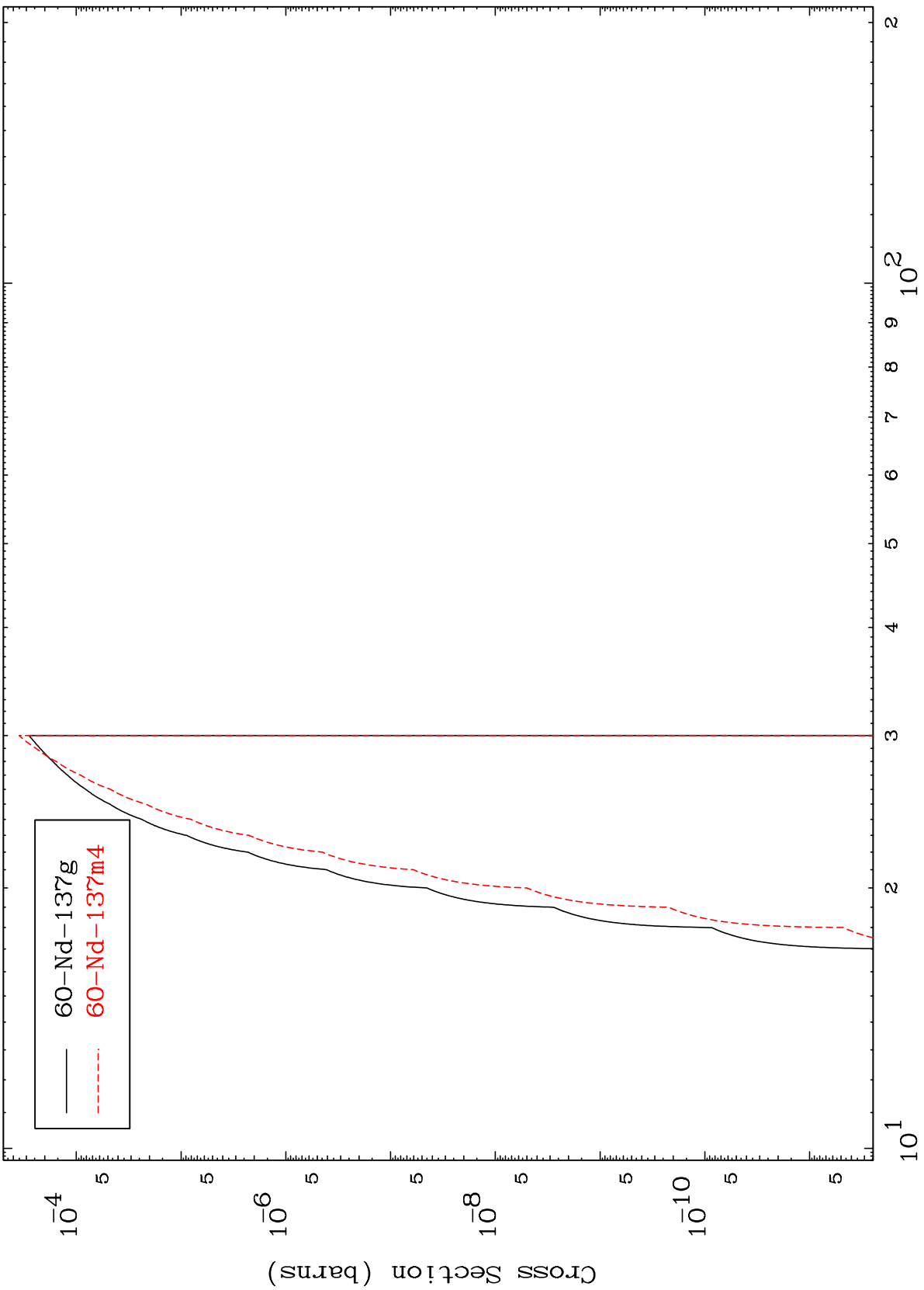
62-Sm-140

MAT 6213

(n,p) t

62-Sm-140

Radionuclide Production Cross Section



60-Nd-137g
60-Nd-137m4

88

Incident Energy (MeV)

62-Sm-140