

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

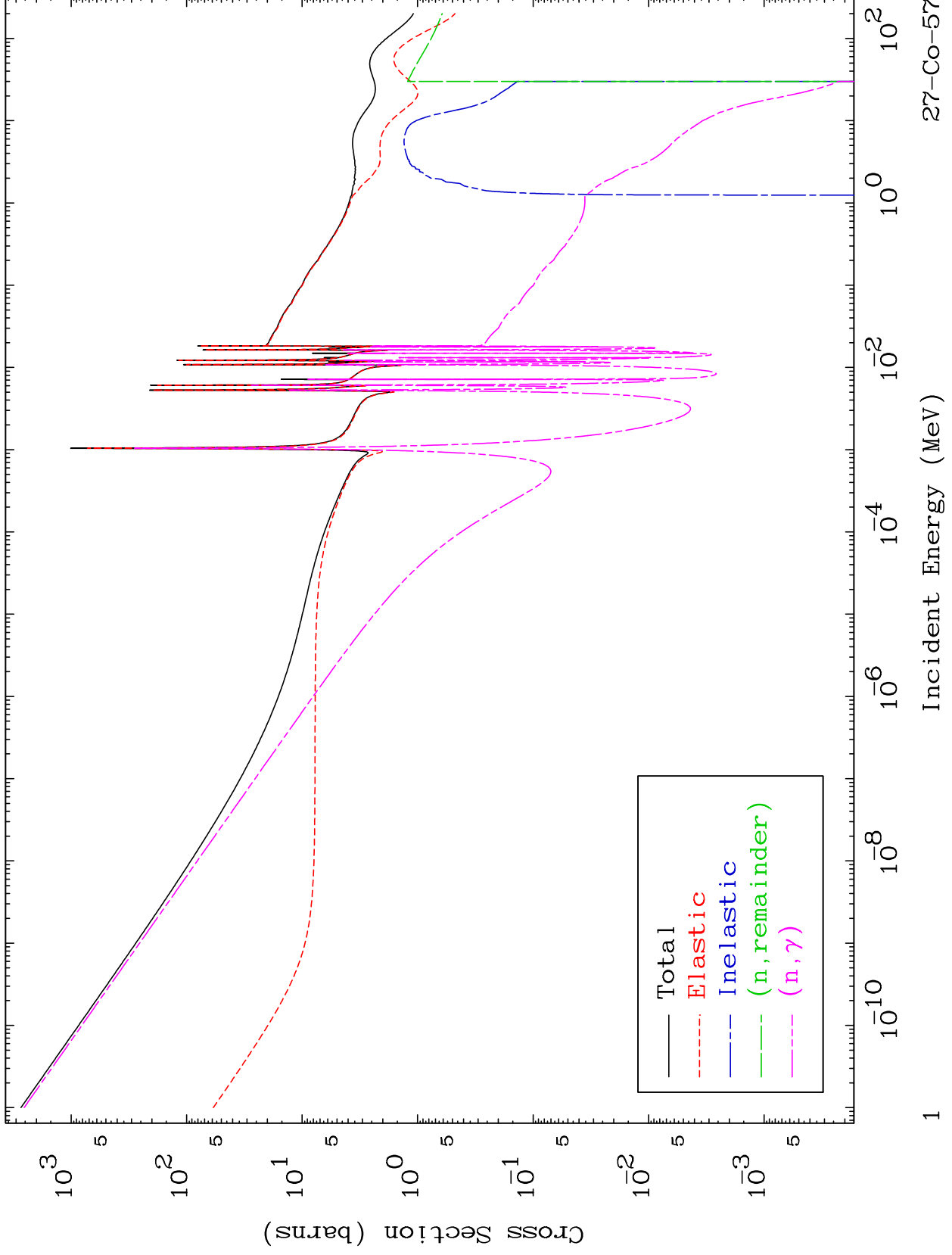
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2719

Major
293 Kelvin Cross Sections

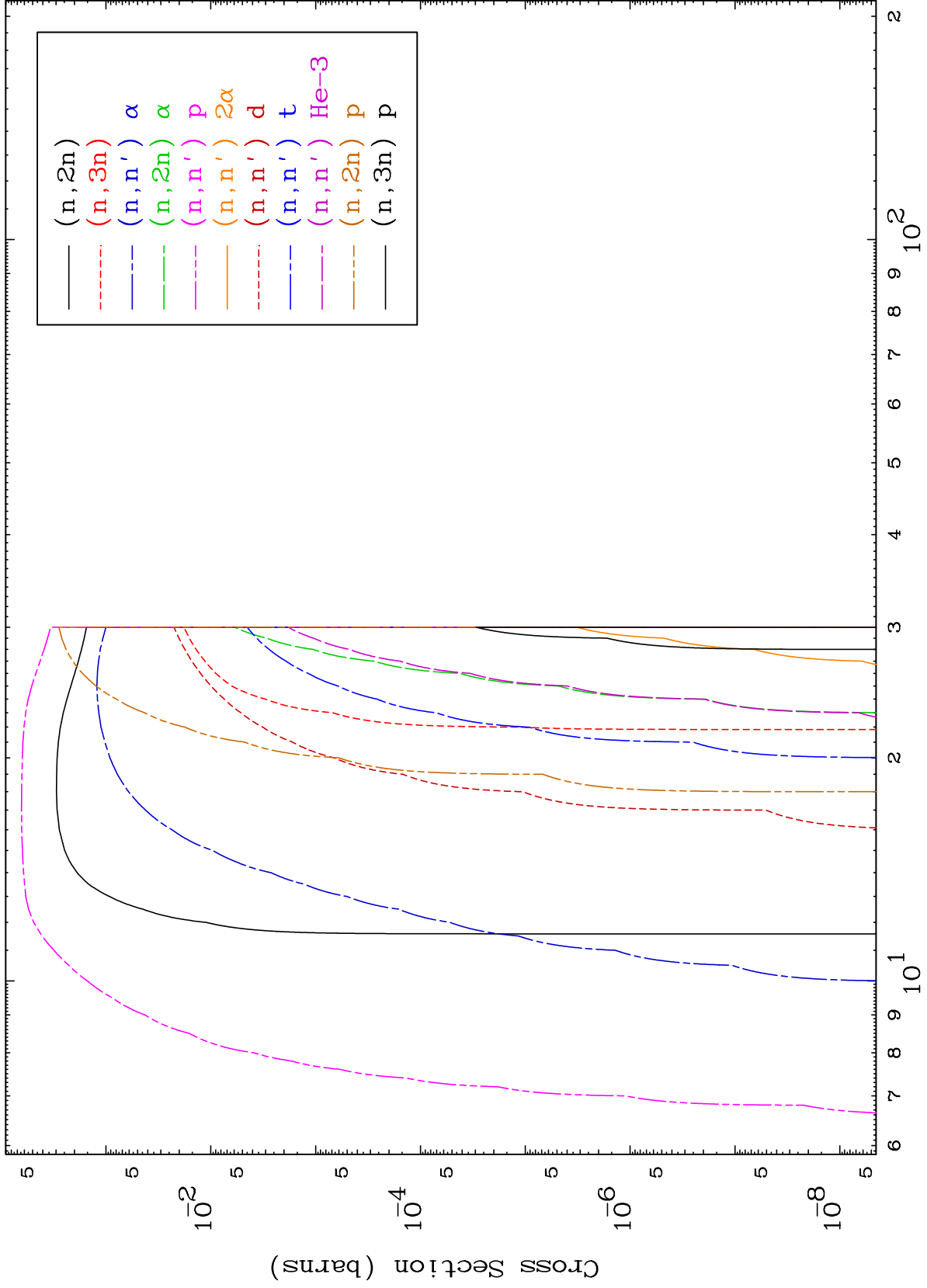
27-Co-57



MAT 2719

Neutron Production
293 Kelvin Cross Sections

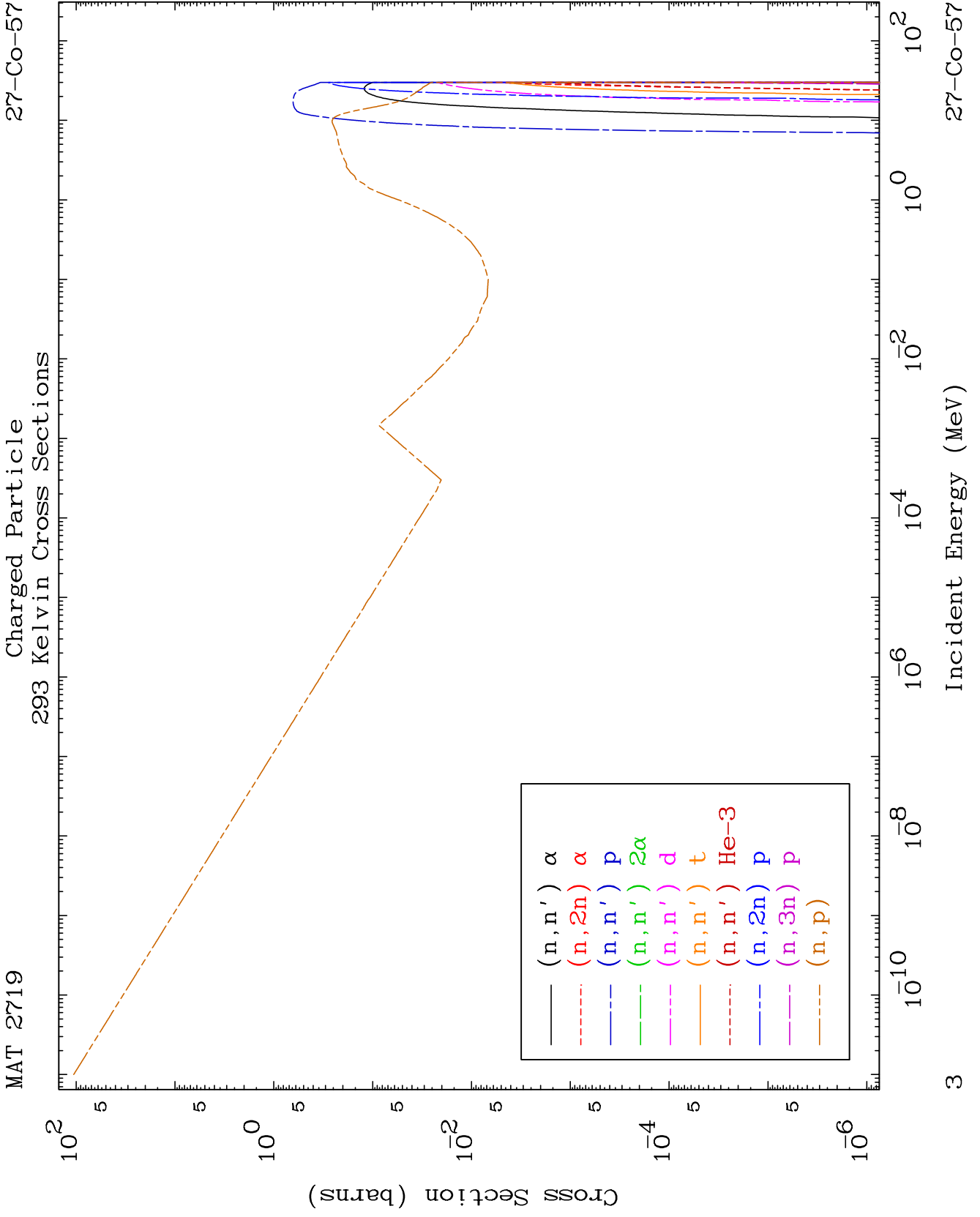
27-Co-57



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Incident Energy (MeV)

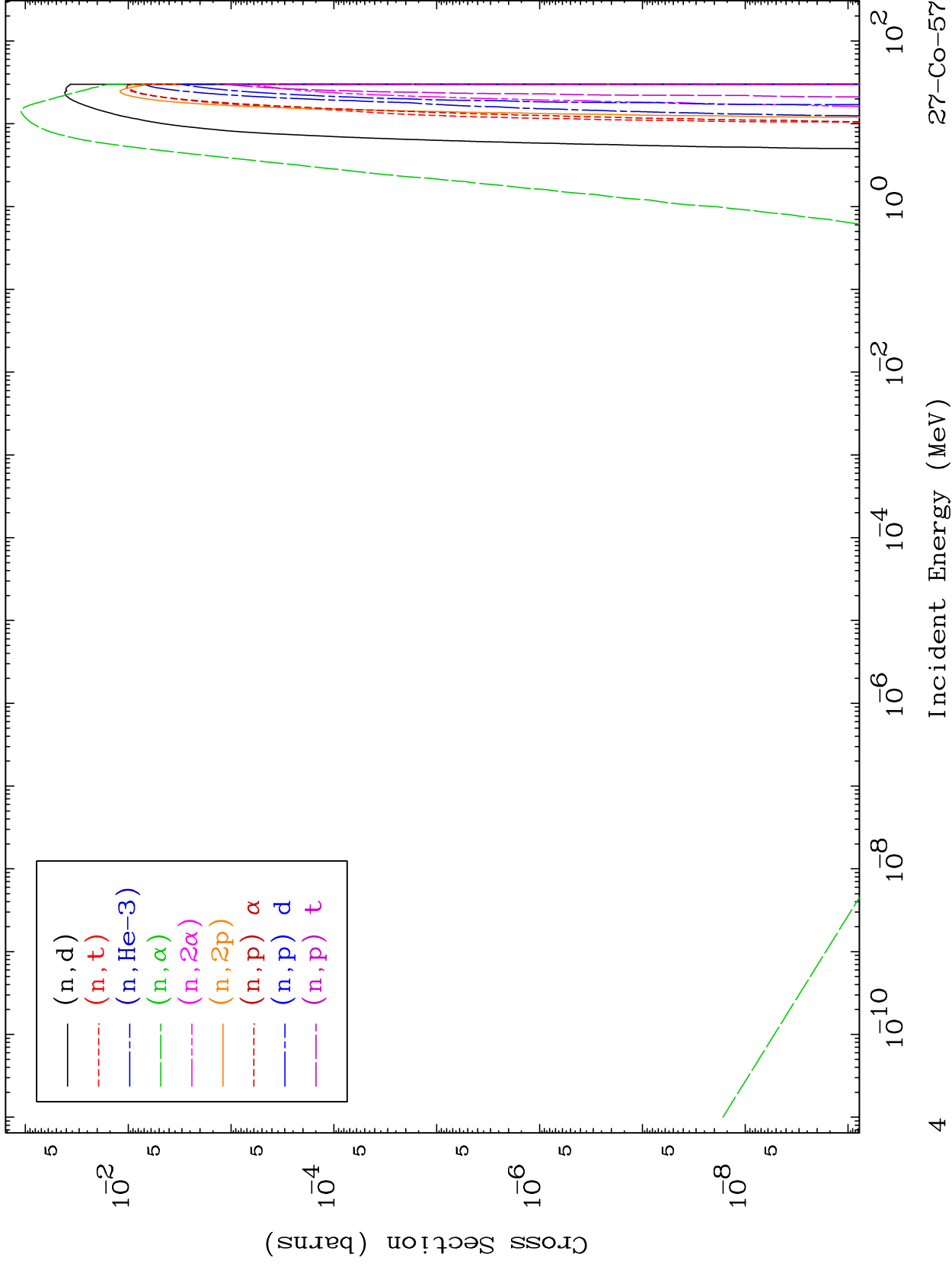
27-Co-57



MAT 2719

Charged Particle
293 Kelvin Cross Sections

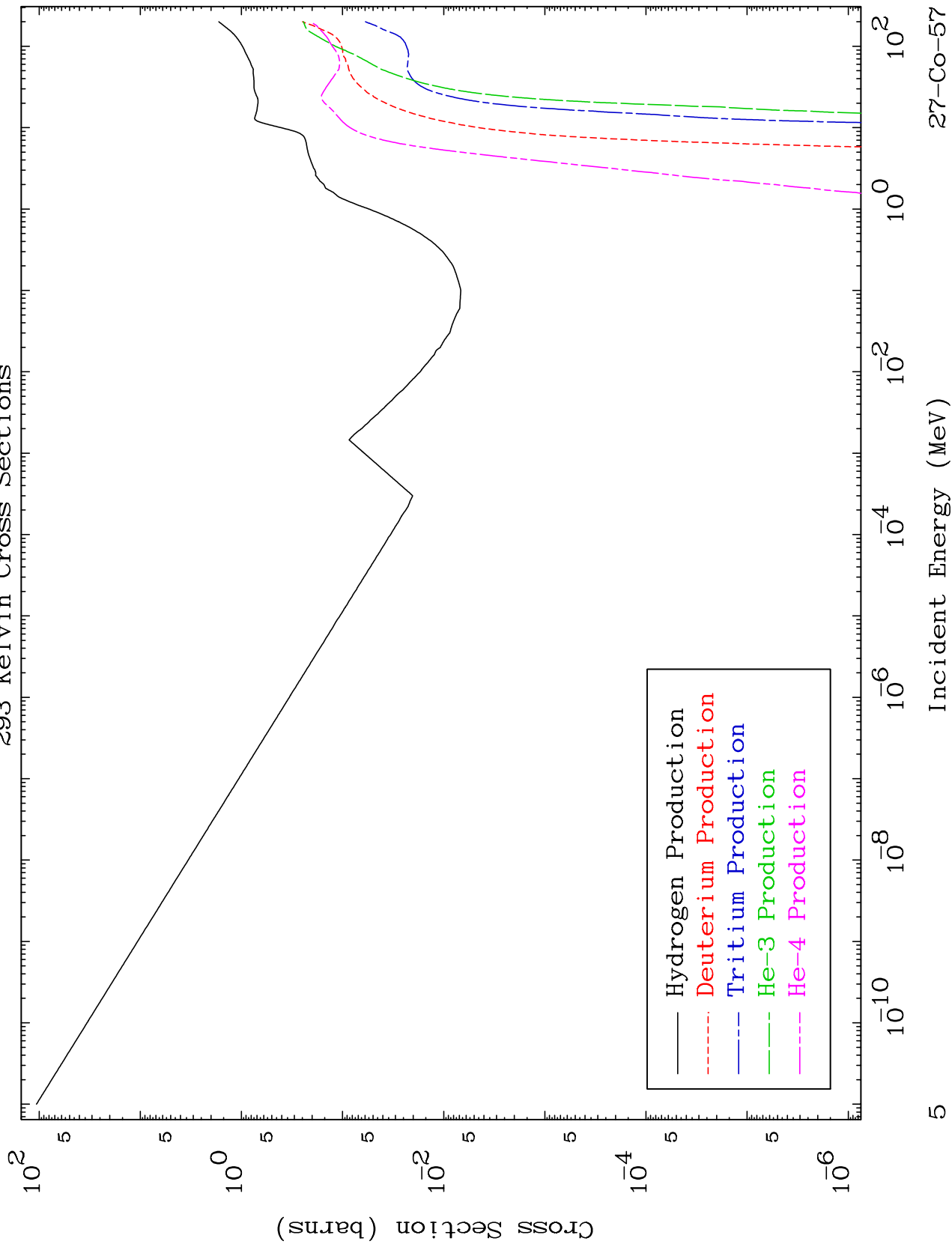
27-Co-57



MAT 2719

Particle Production
293 Kelvin Cross Sections

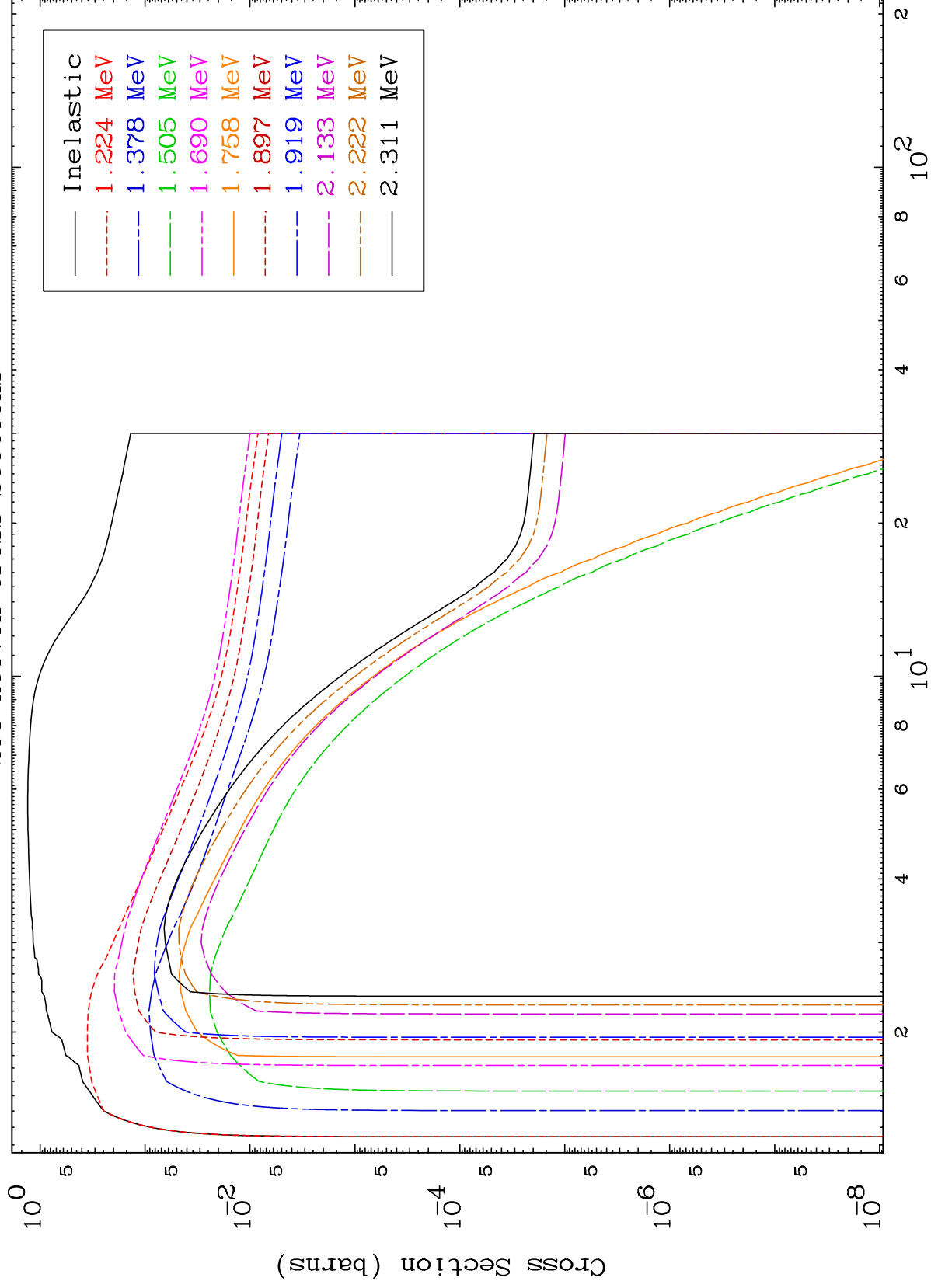
27-Co-57



MAT 2719

(n,n') Level
293 Kelvin Cross Sections

27-Co-57



6

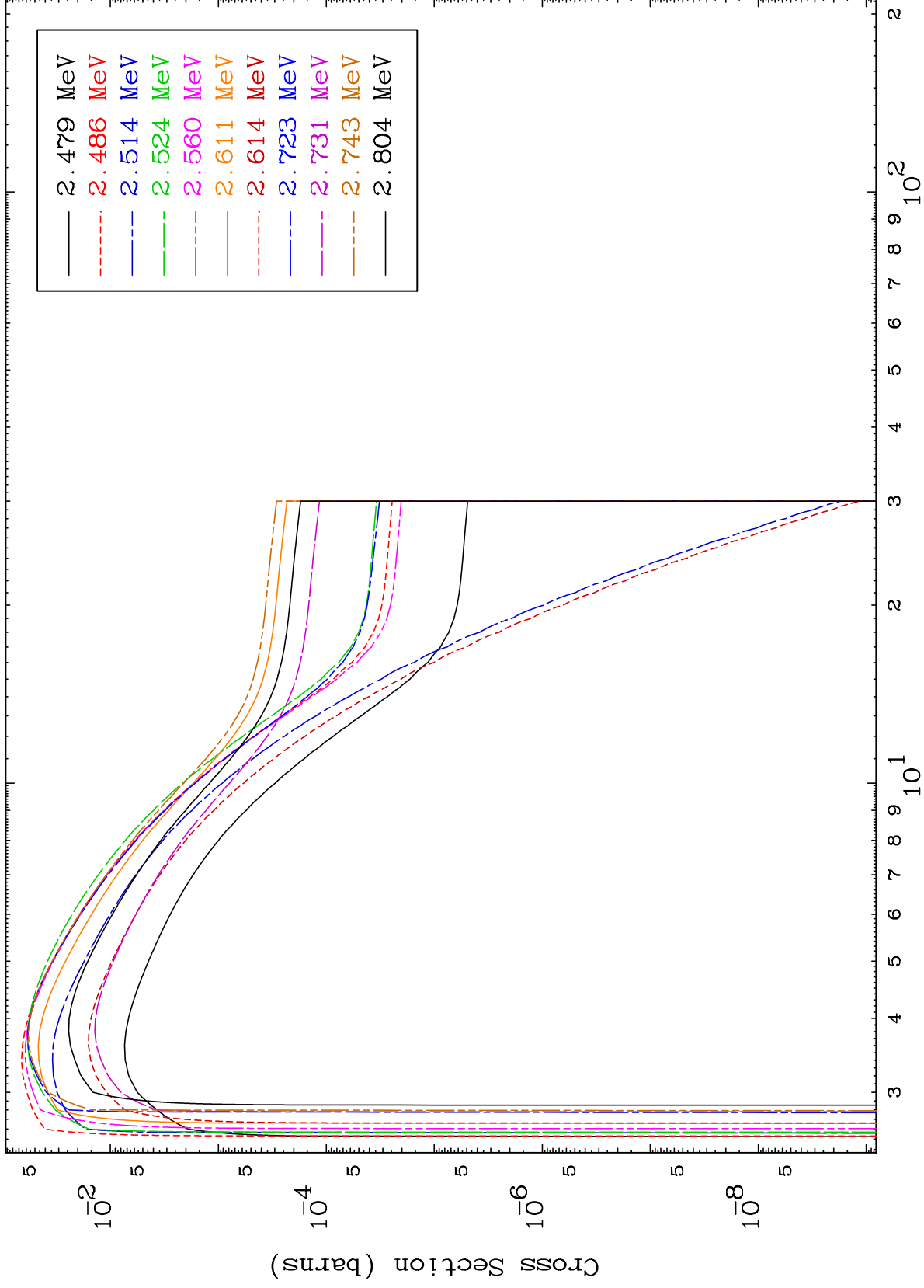
Incident Energy (MeV)

27-Co-57

MAT 2719

(n,n') Level
293 Kelvin Cross Sections

27-Co-57

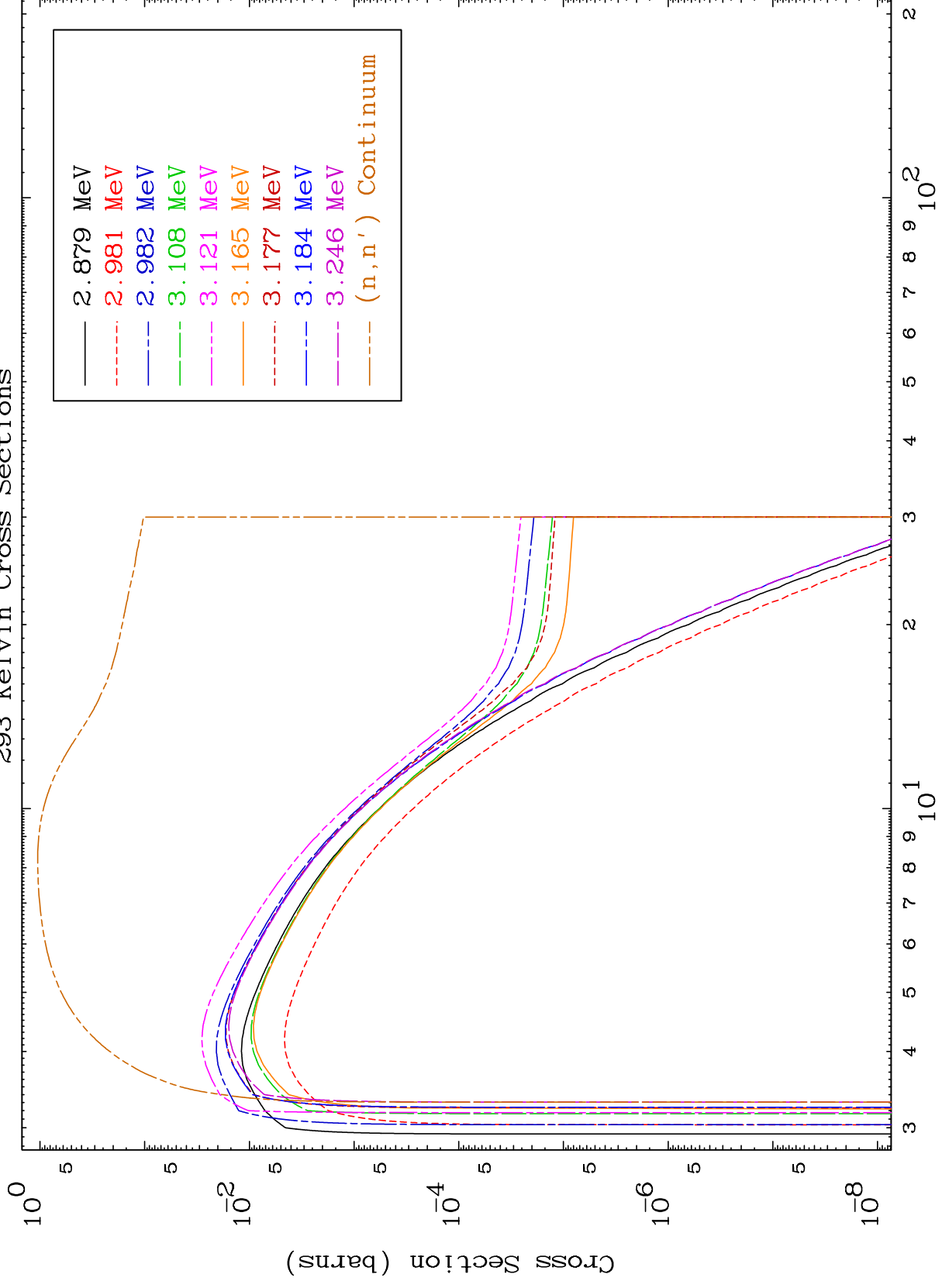


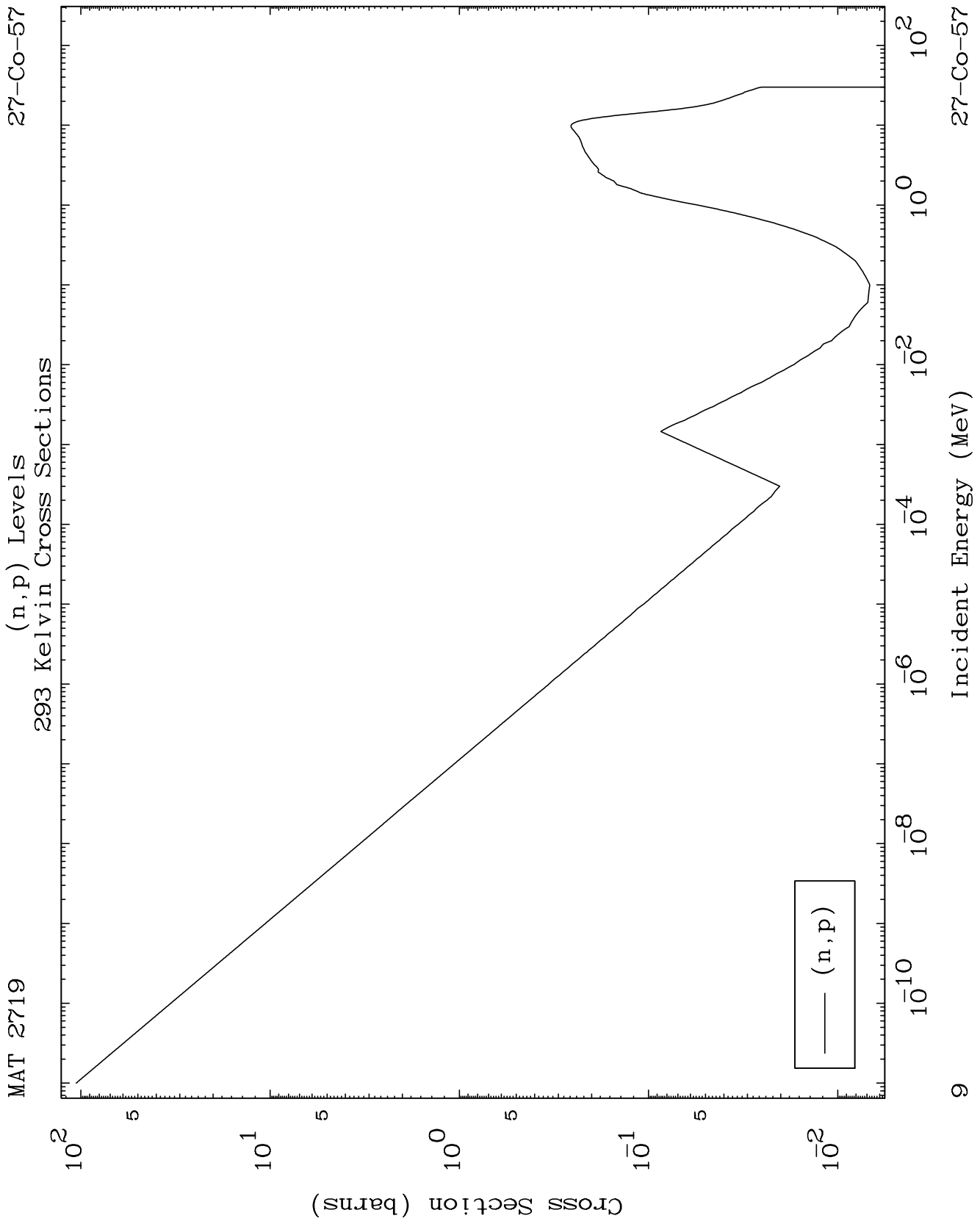
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Incident Energy (MeV)

27-Co-57

293 Kelvin Cross Sections

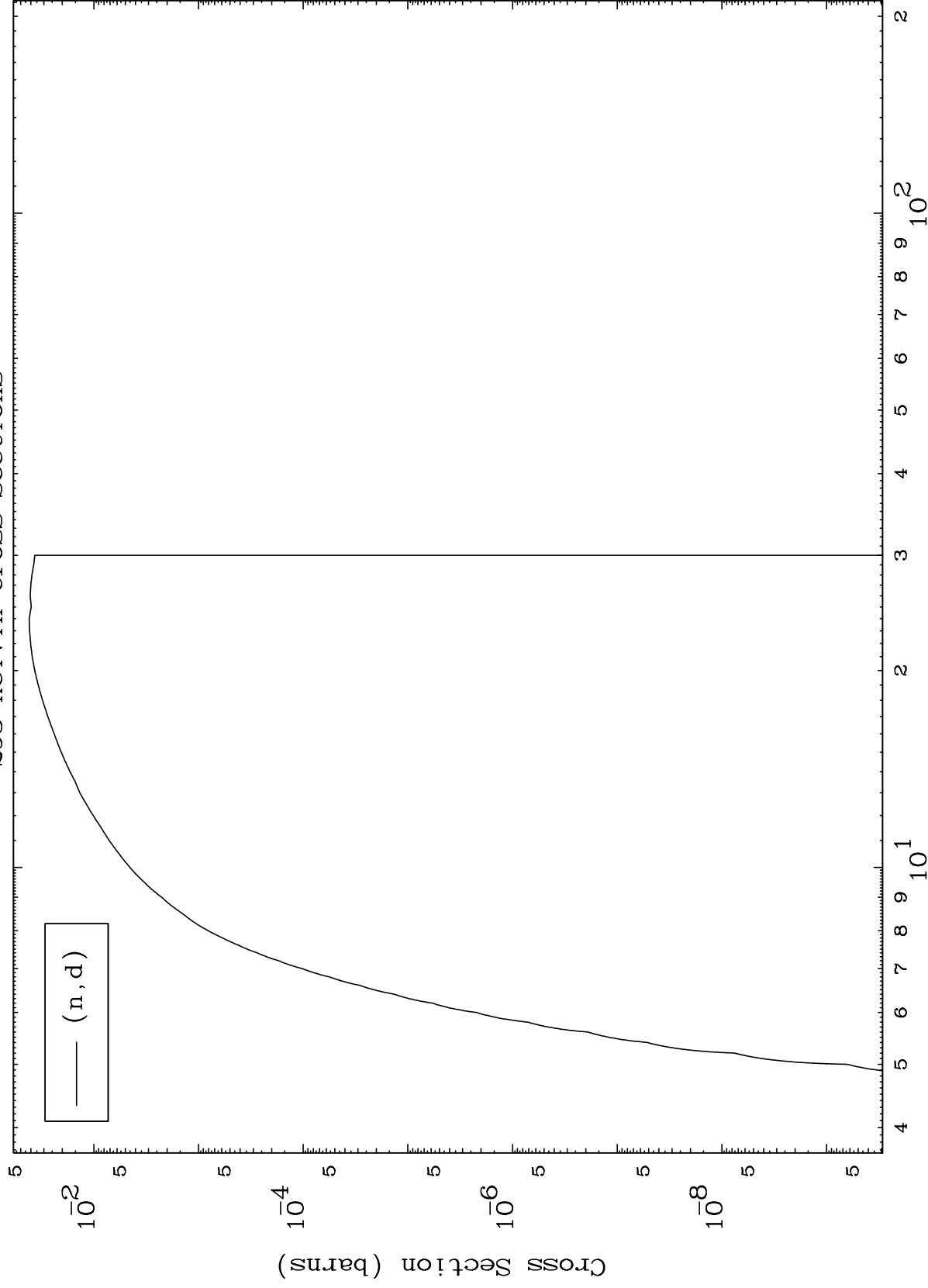




MAT 2719

(n,d) Levels
293 Kelvin Cross Sections

27-Co-57



10

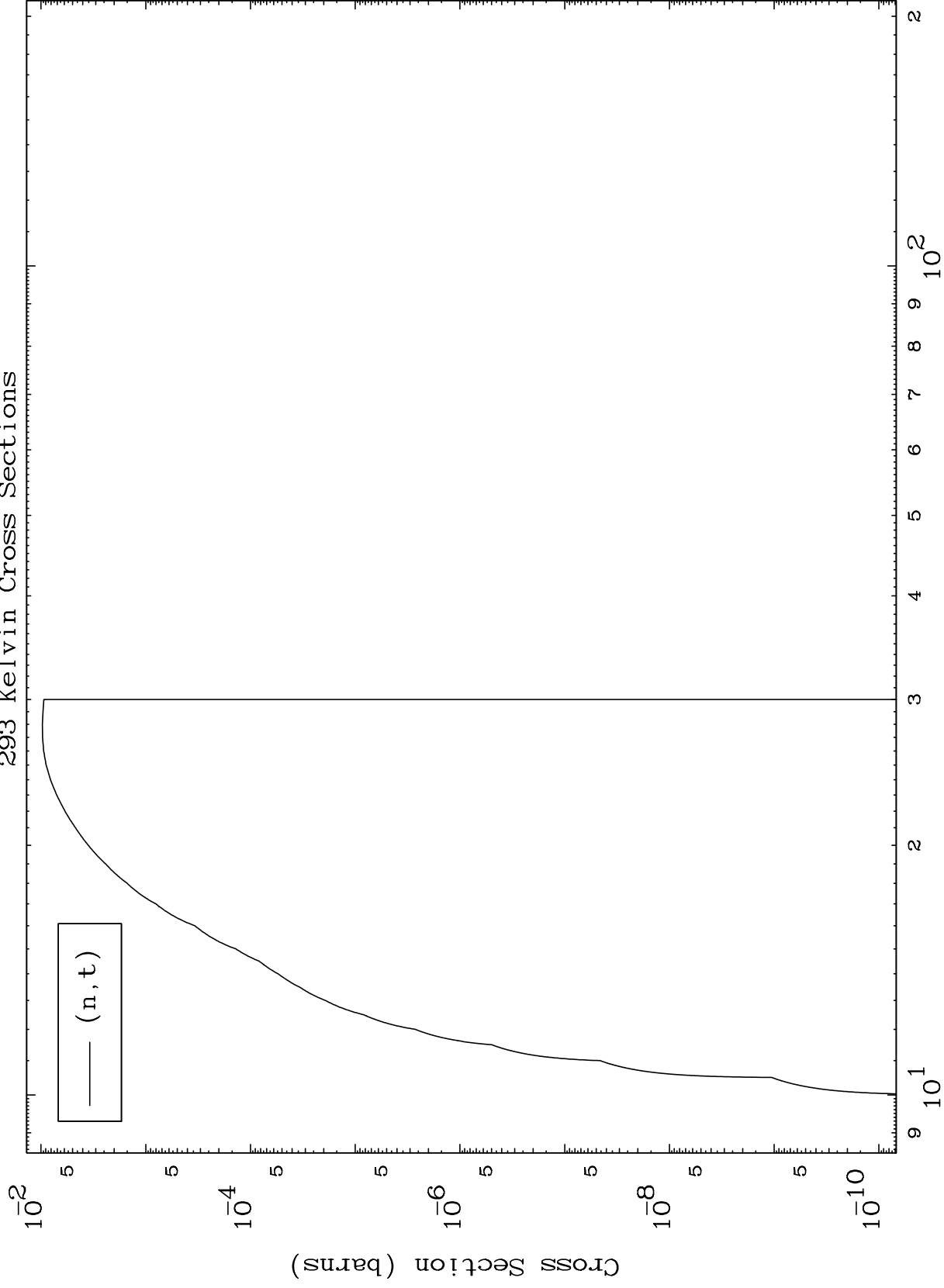
Incident Energy (MeV)

27-Co-57

MAT 2719

(n,t) Levels
293 Kelvin Cross Sections

27-Co-57



11

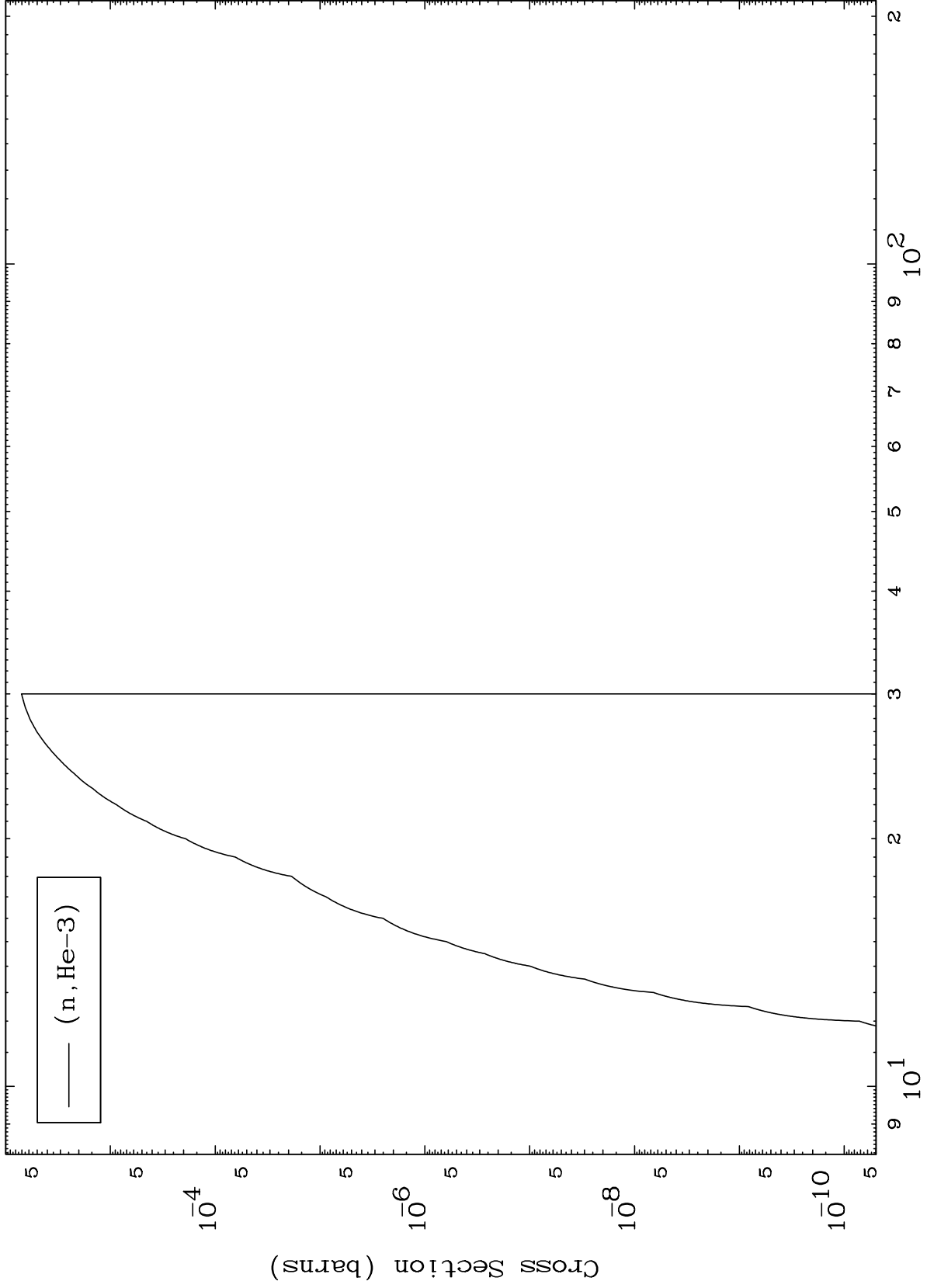
Incident Energy (MeV)

27-Co-57

MAT 2719

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-57



12

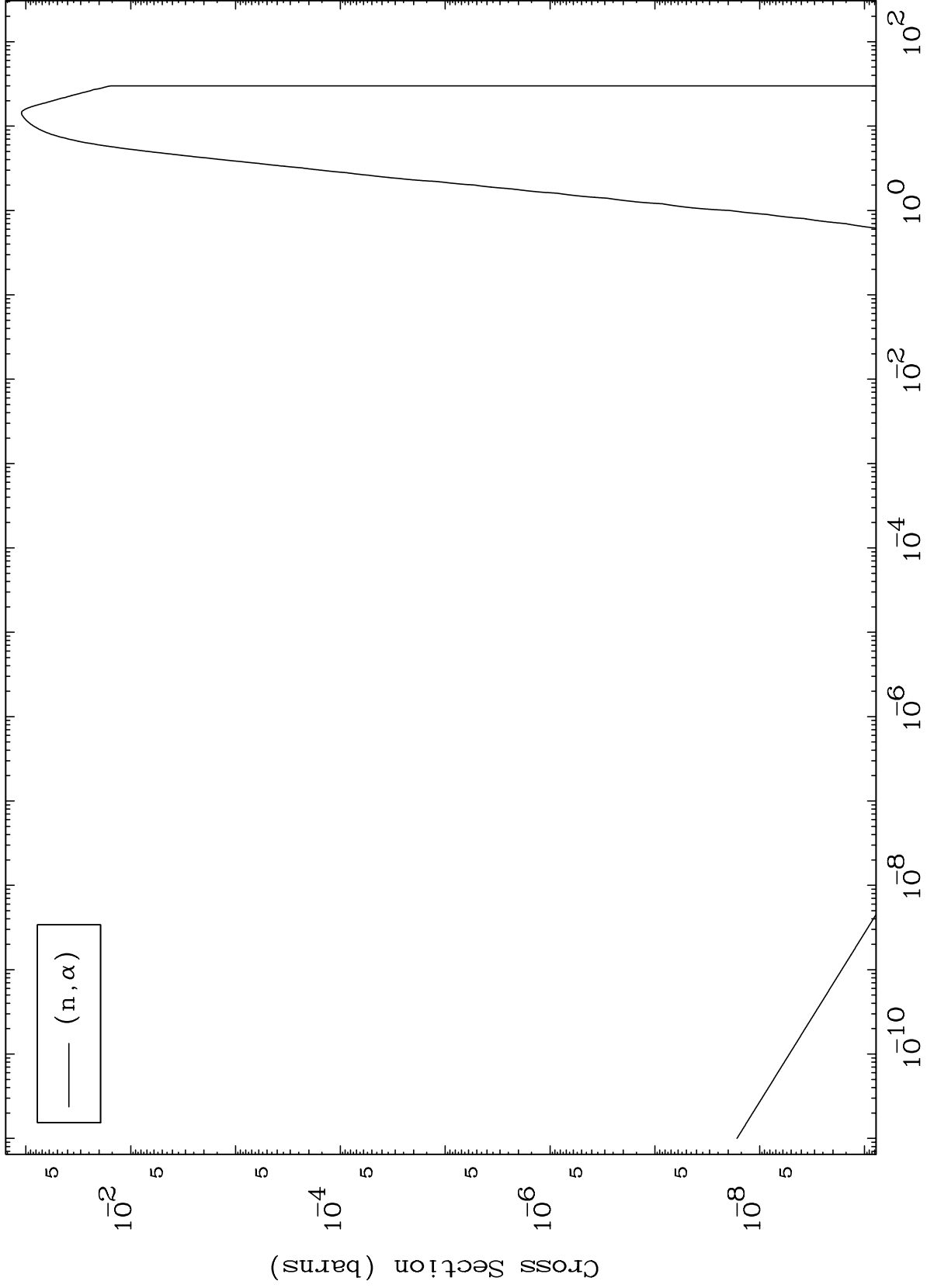
Incident Energy (MeV)

27-Co-57

MAT 2719

(n, α) Levels
293 Kelvin Cross Sections

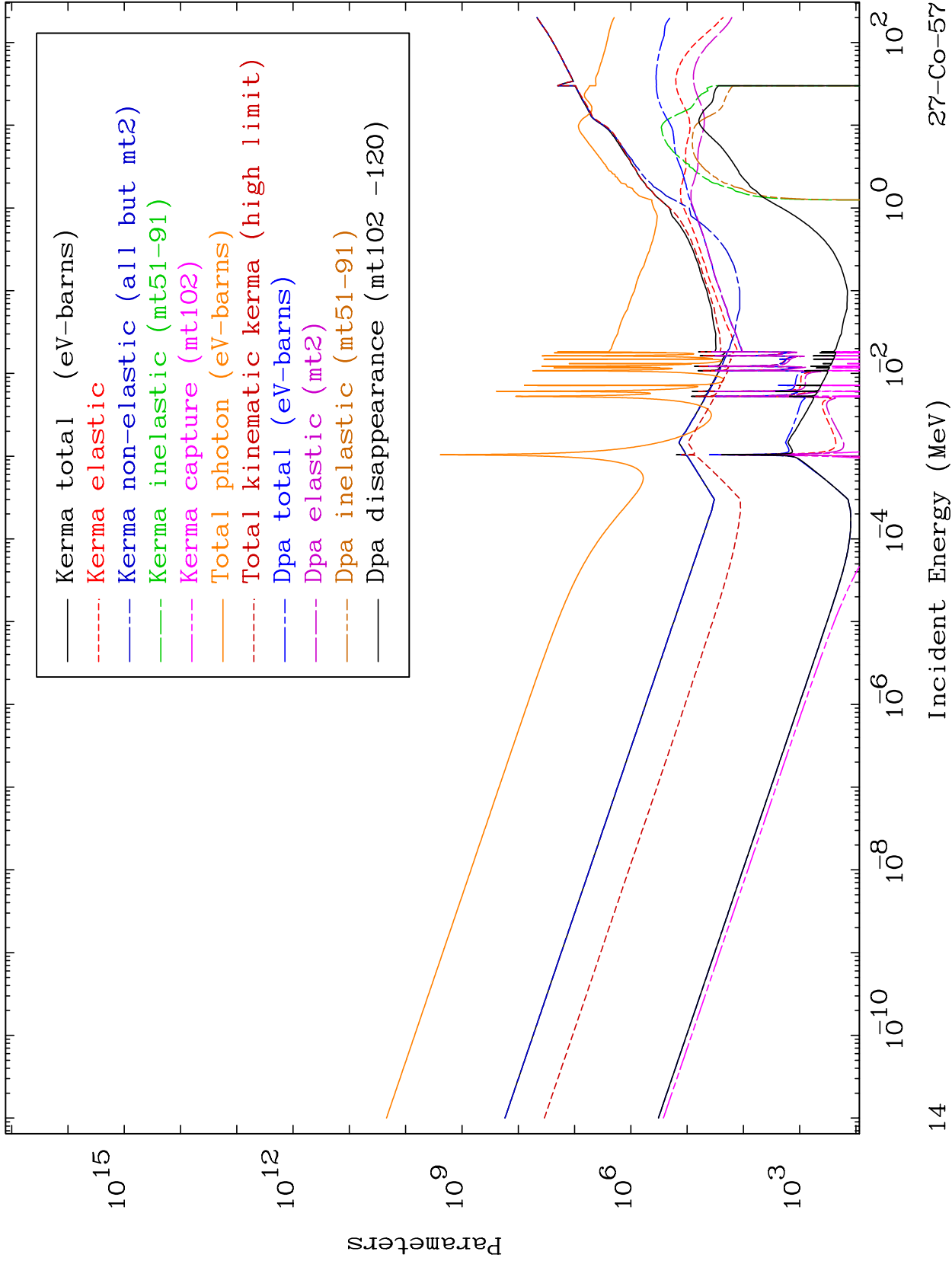
27-Co-57



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Incident Energy (MeV)

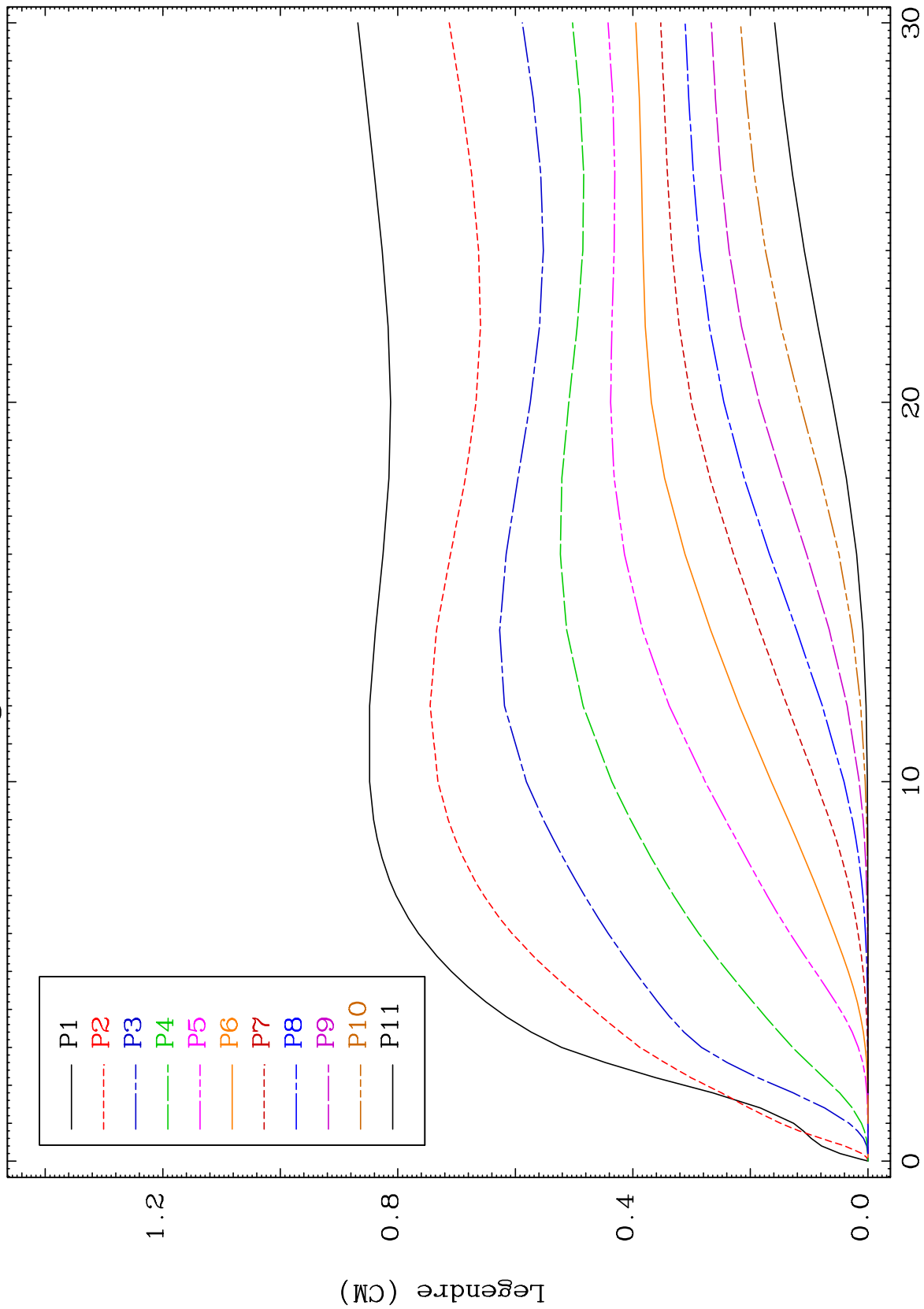
27-Co-57



MAT 2719

Elastic Legendre Coefficients

27-Co-57



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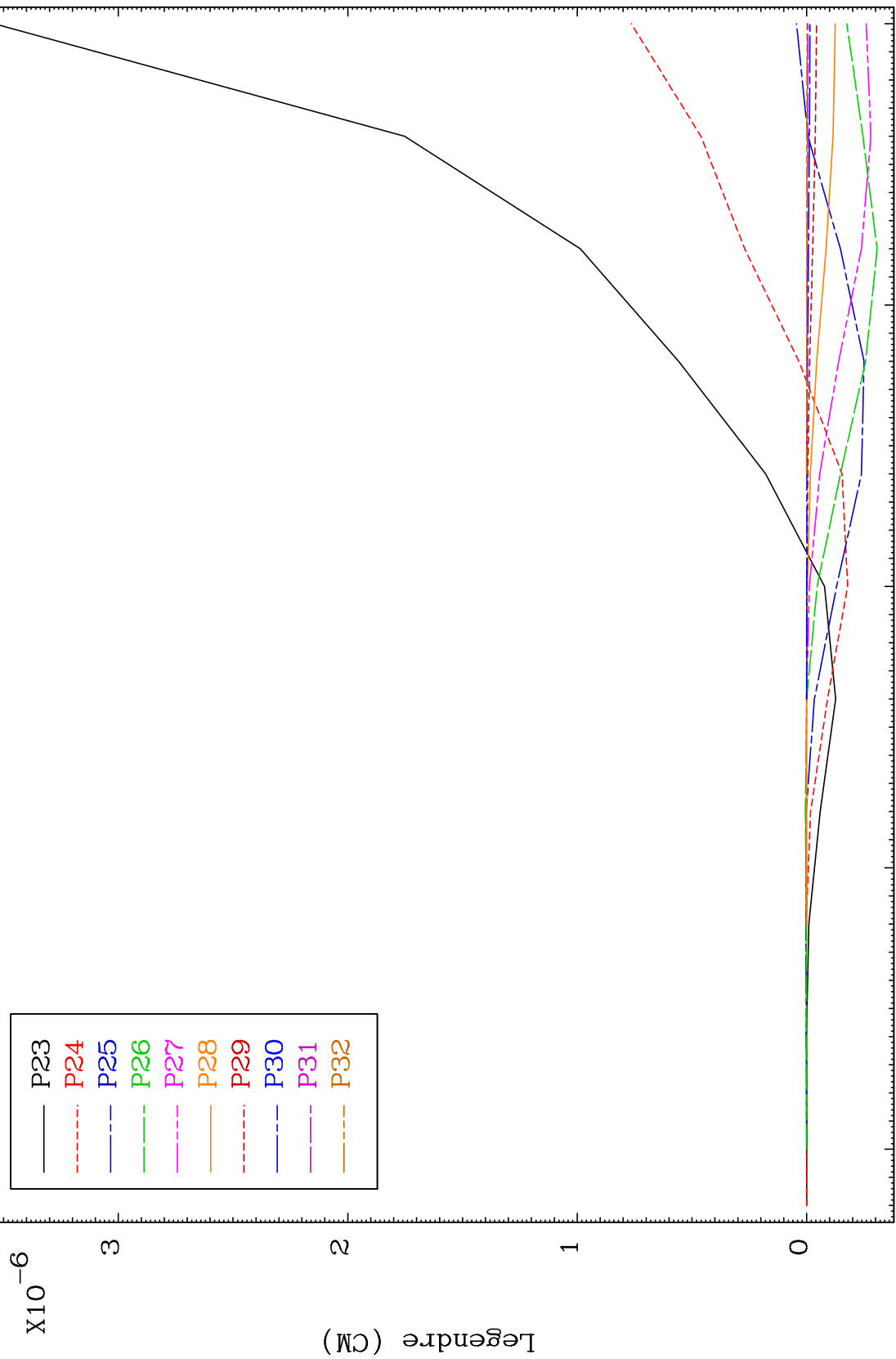
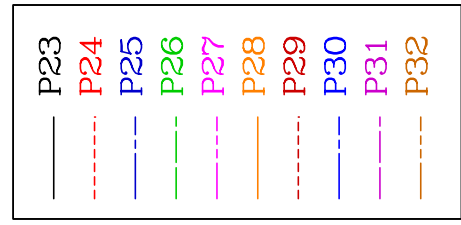
Incident Energy (MeV)

27-Co-57

MAT 2719

Elastic Legendre Coefficients

27-Co-57



17

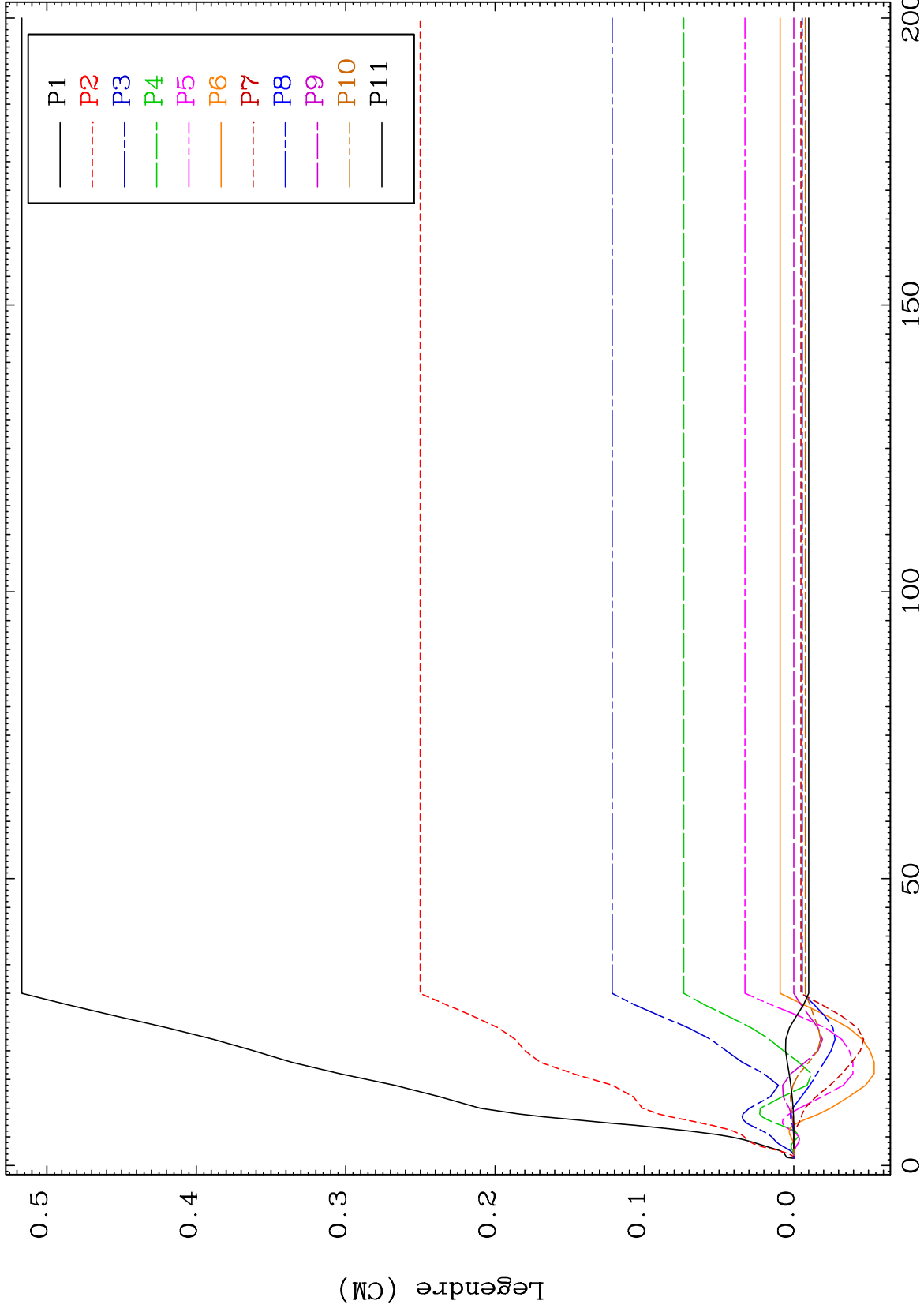
Incident Energy (MeV)

27-Co-57

MAT 2719

1.224 MeV (n,n') Level
Legendre Coefficients

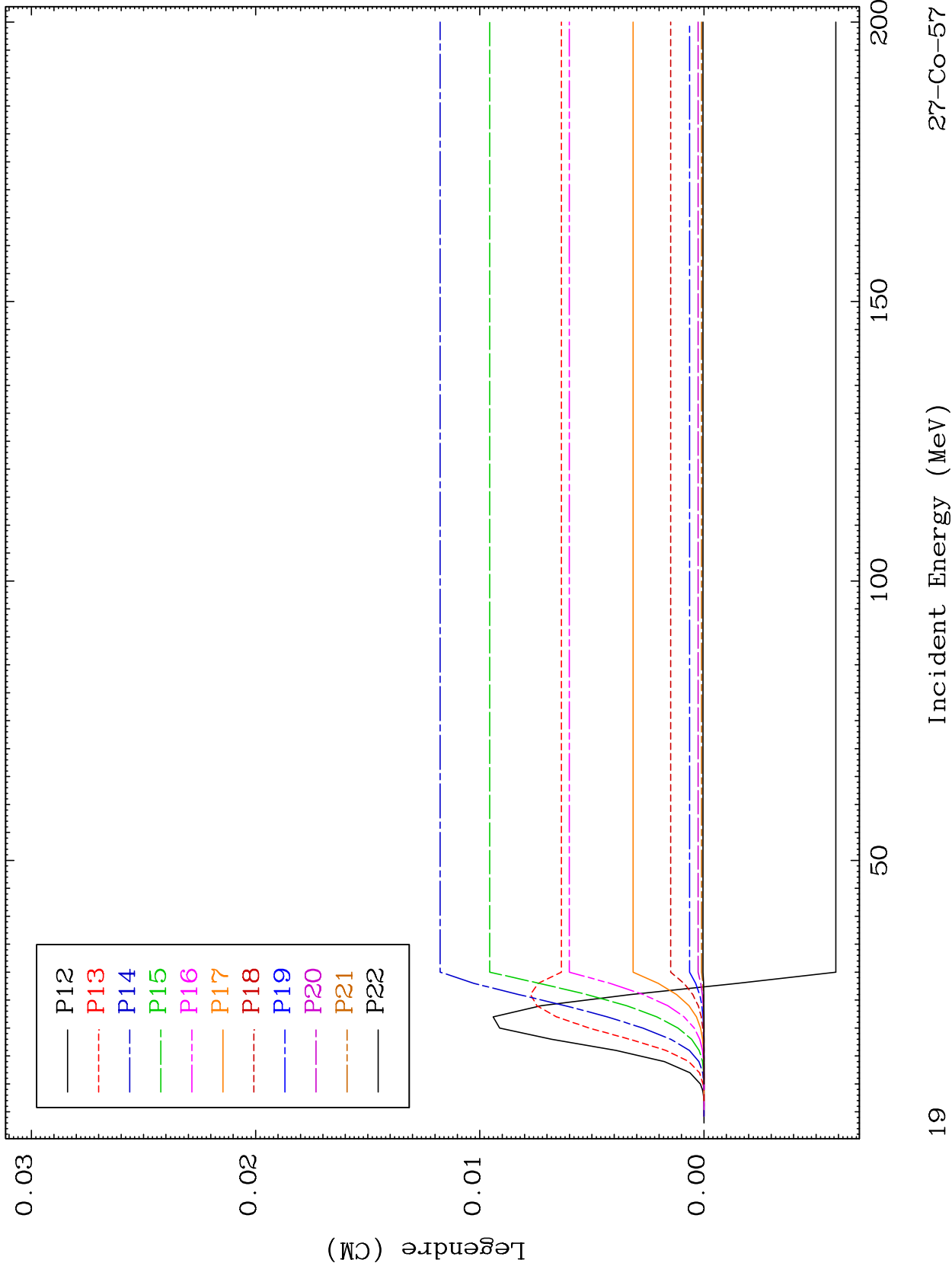
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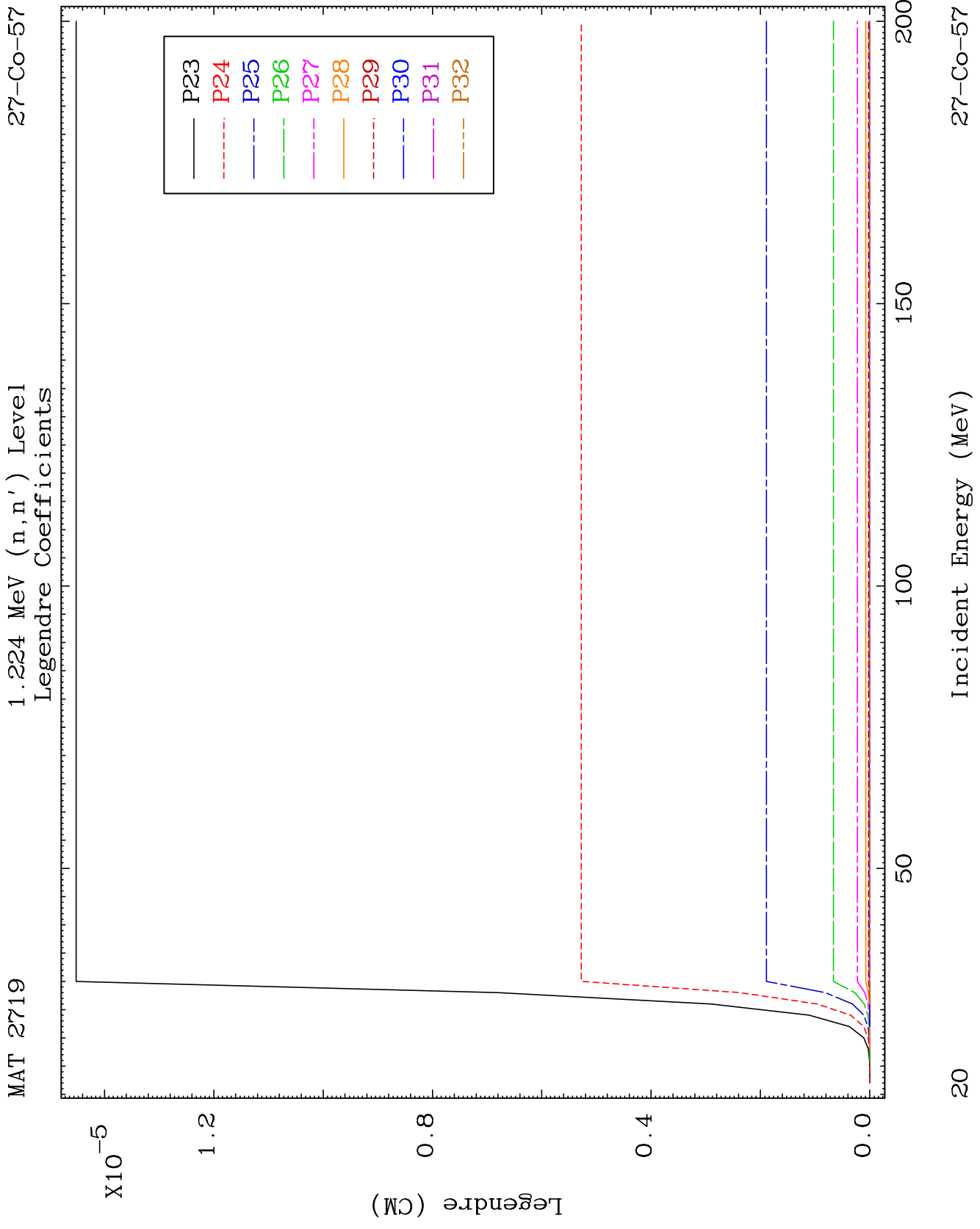


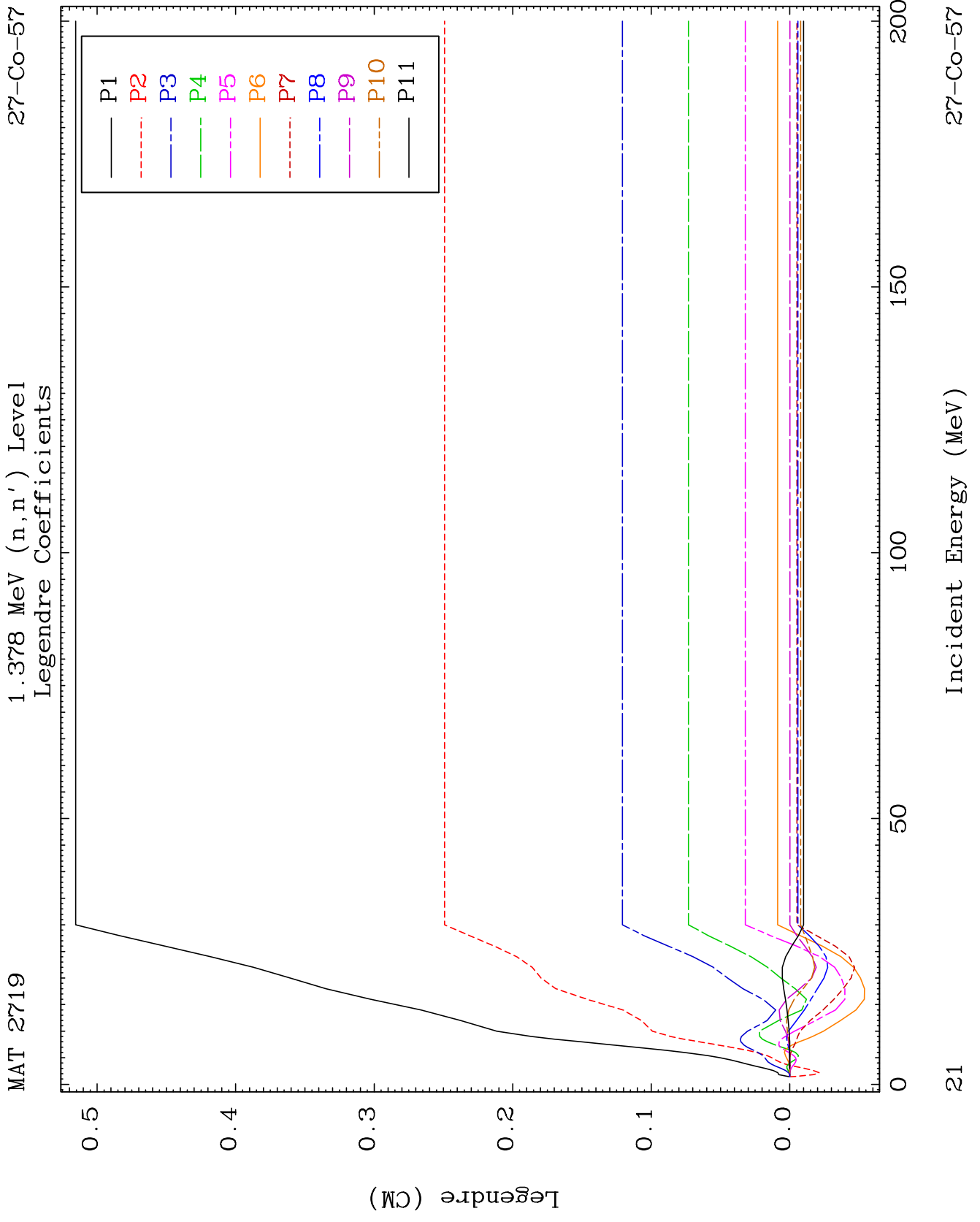
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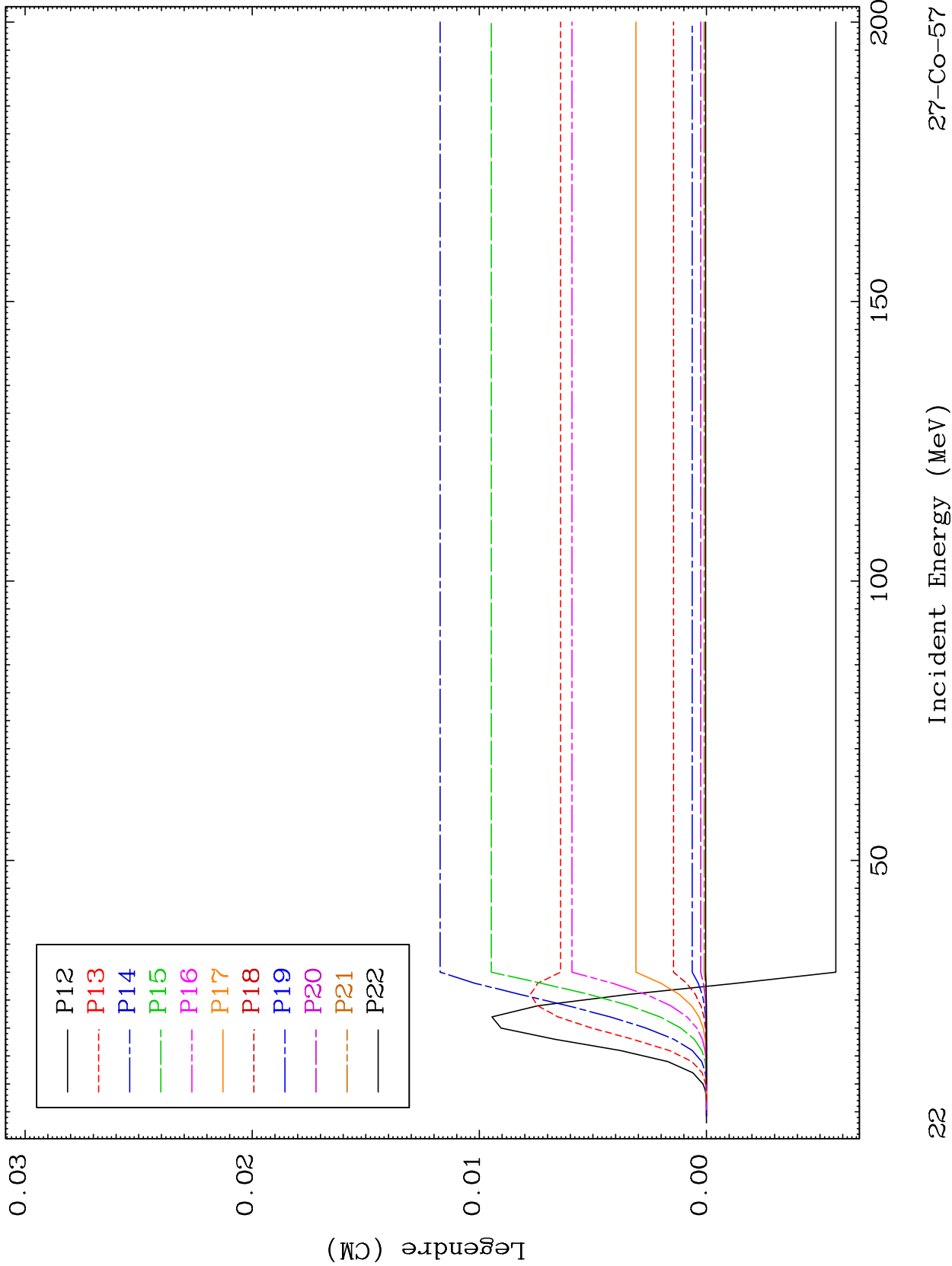
Incident Energy (MeV)

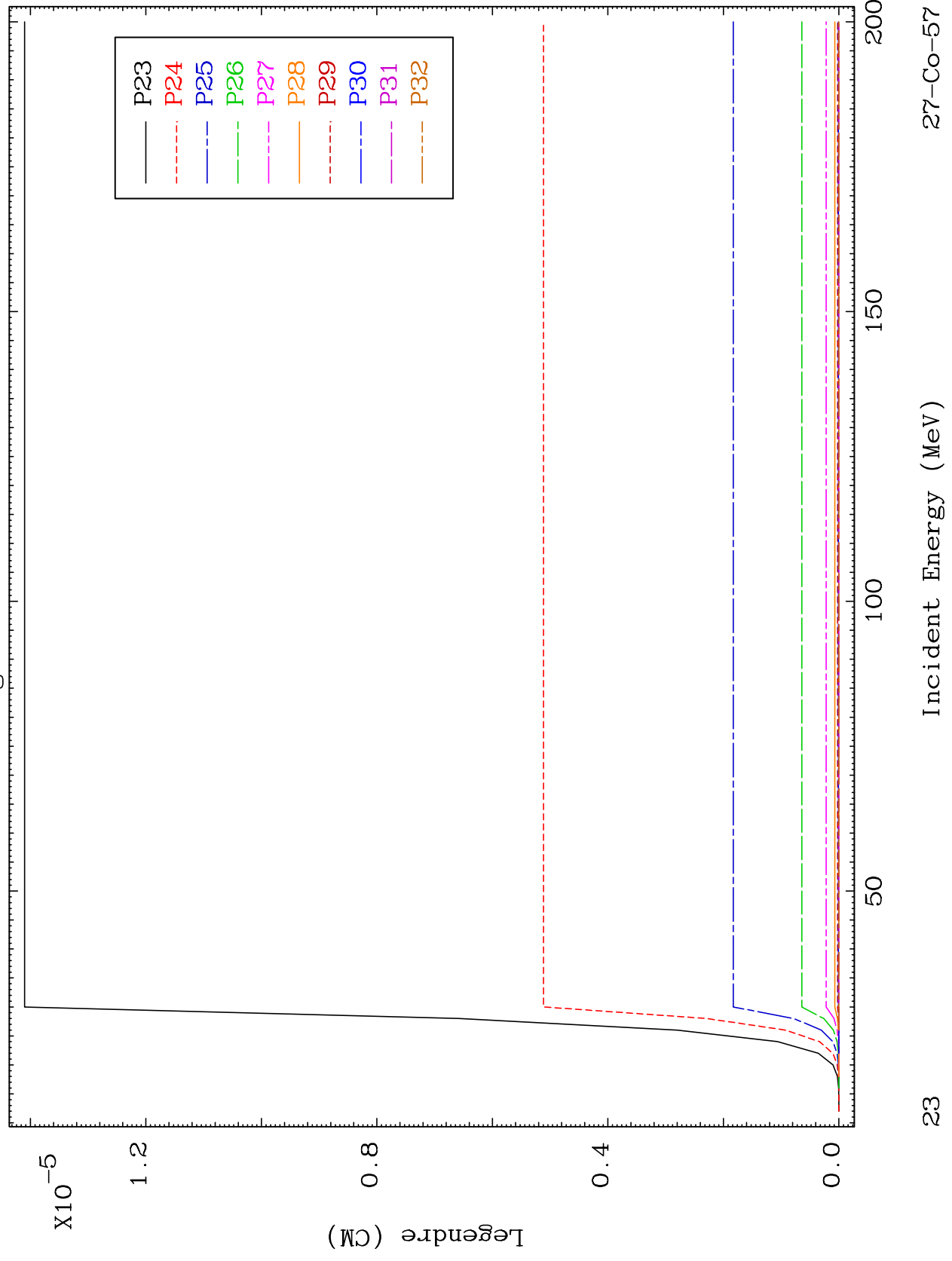
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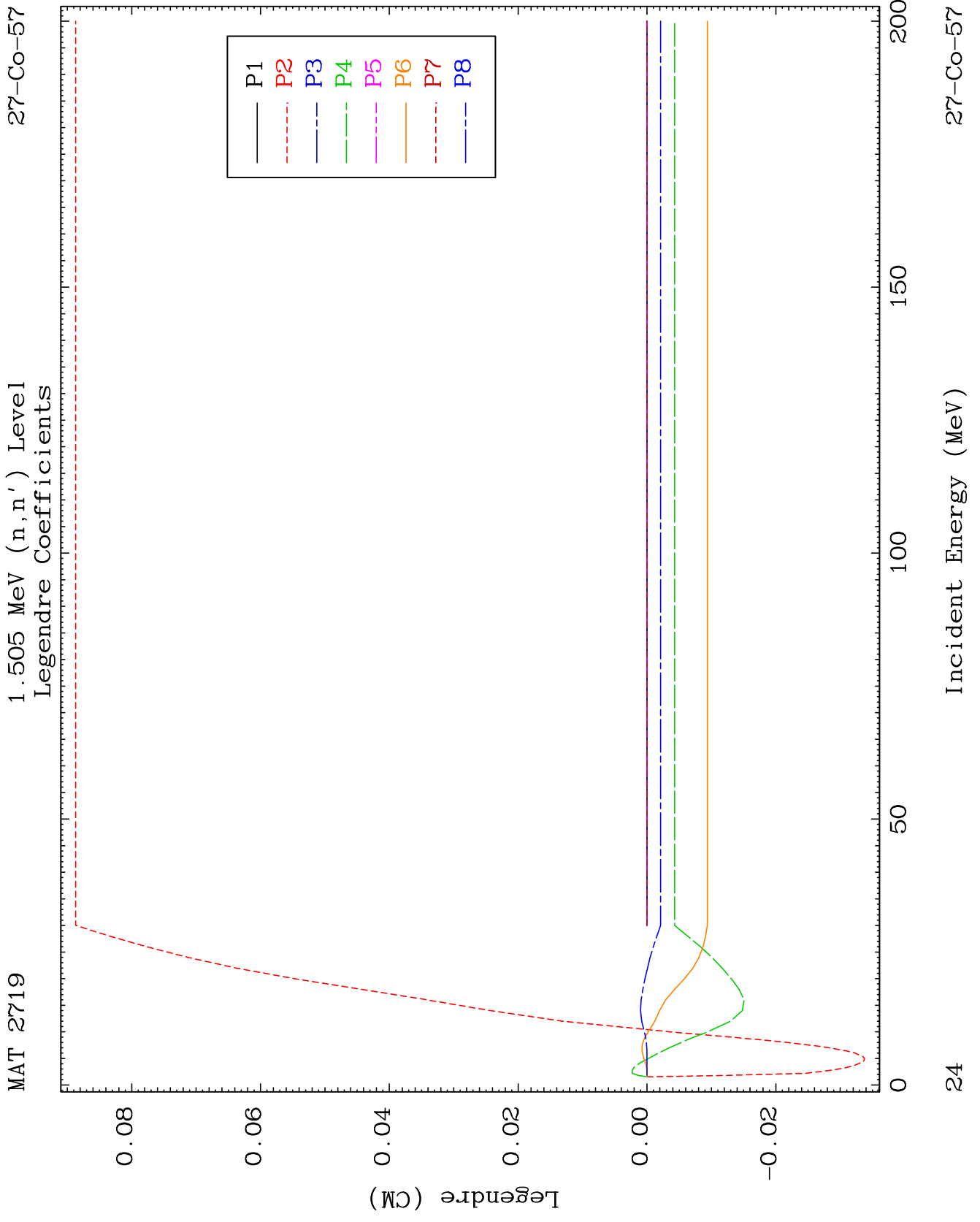


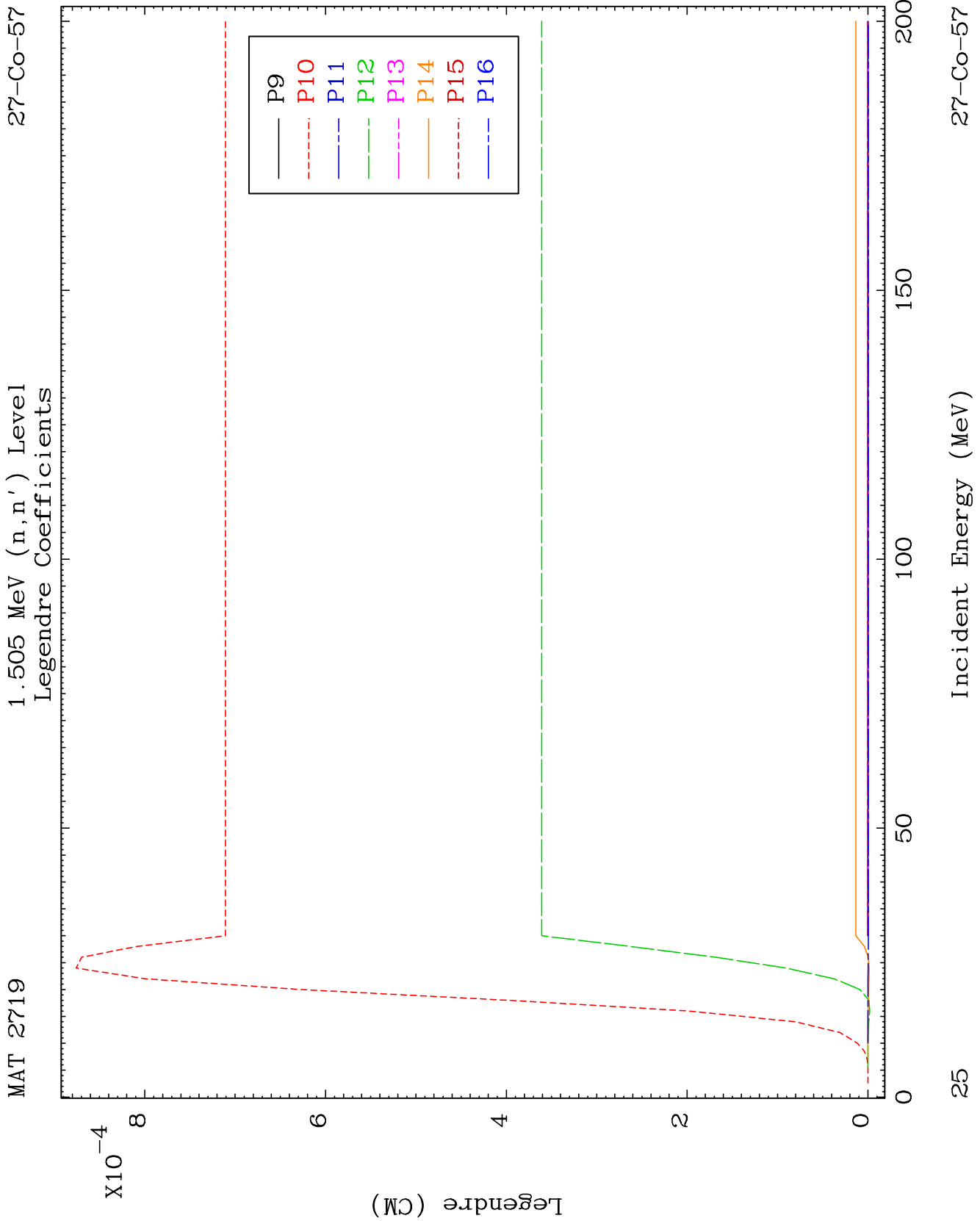


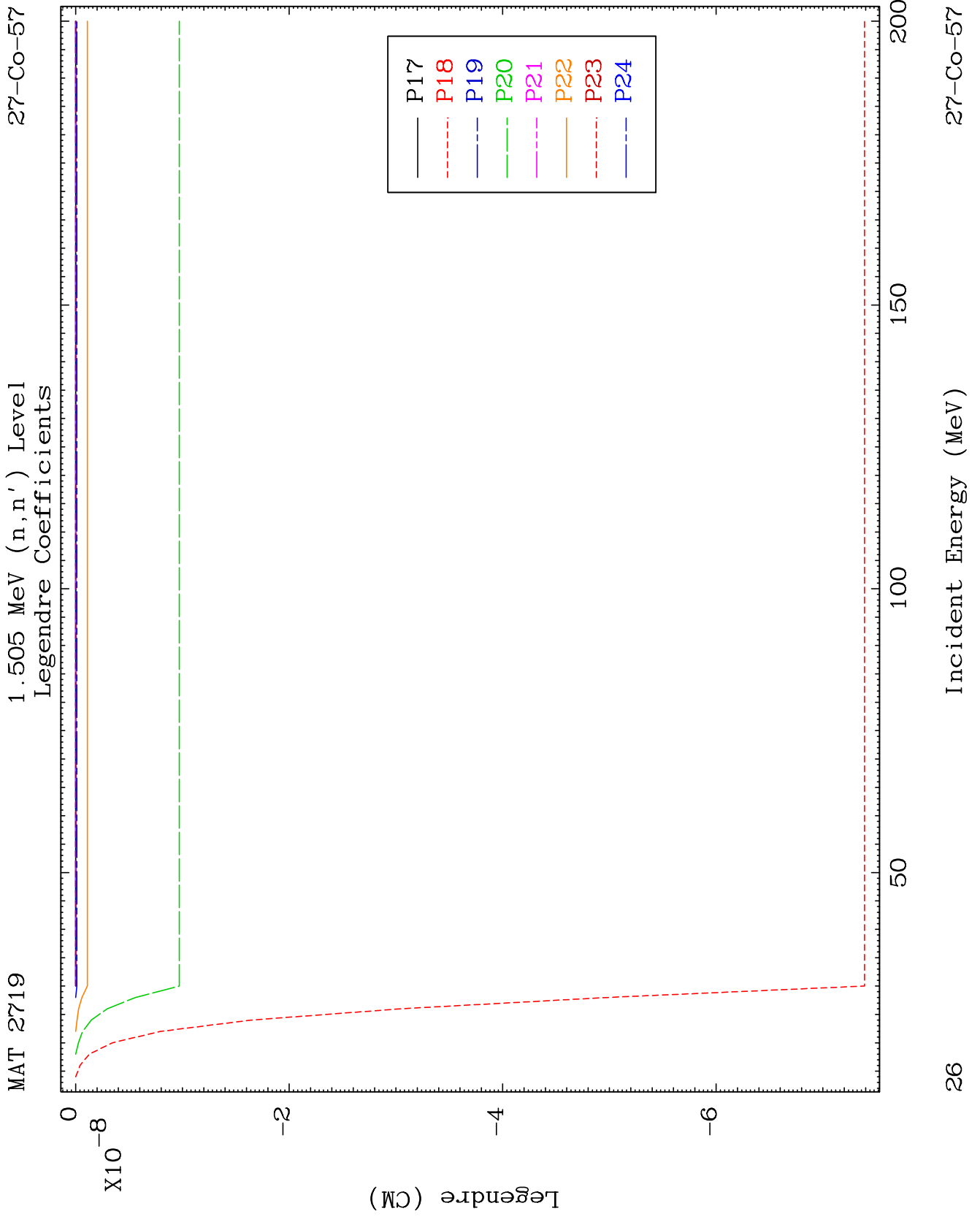


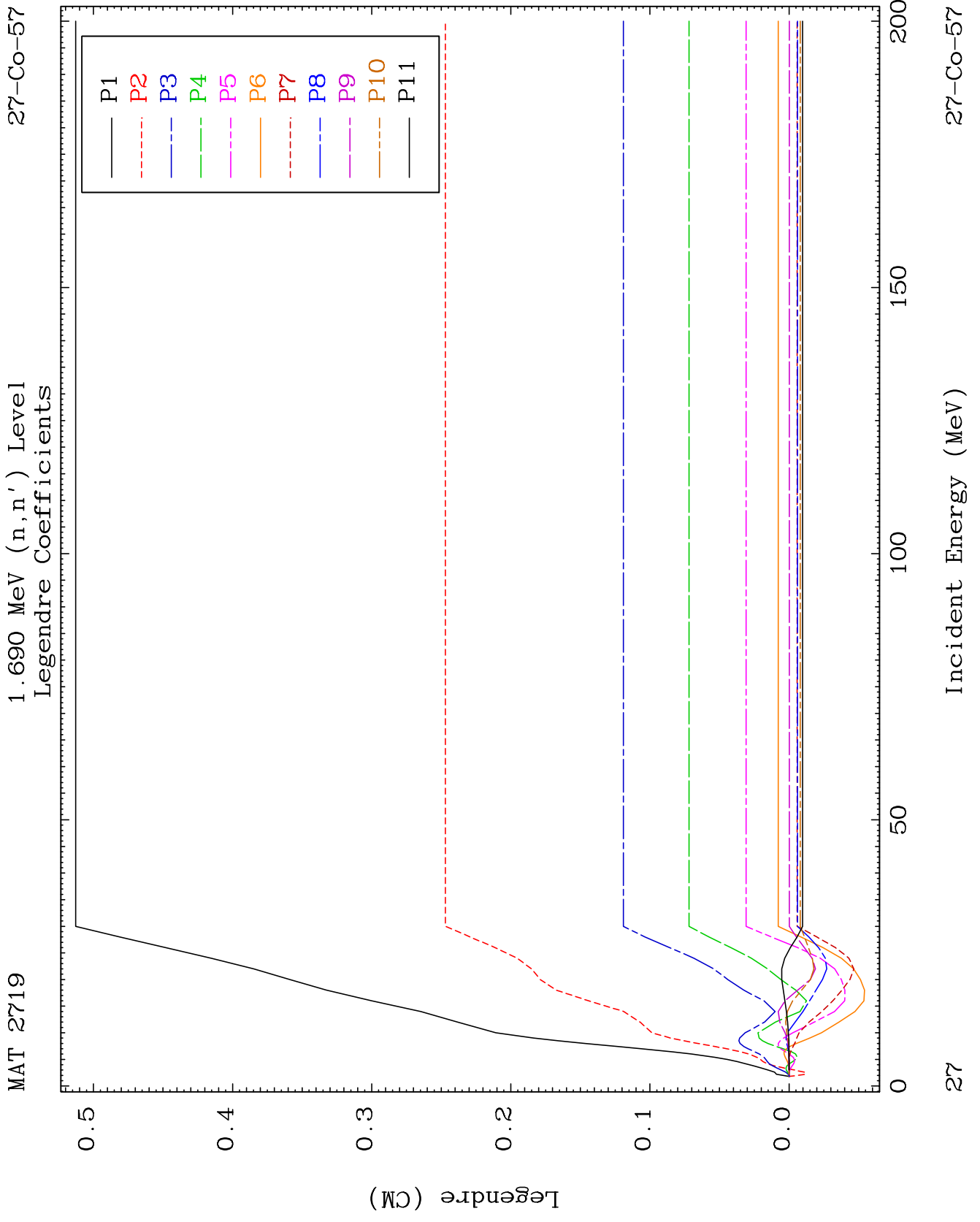








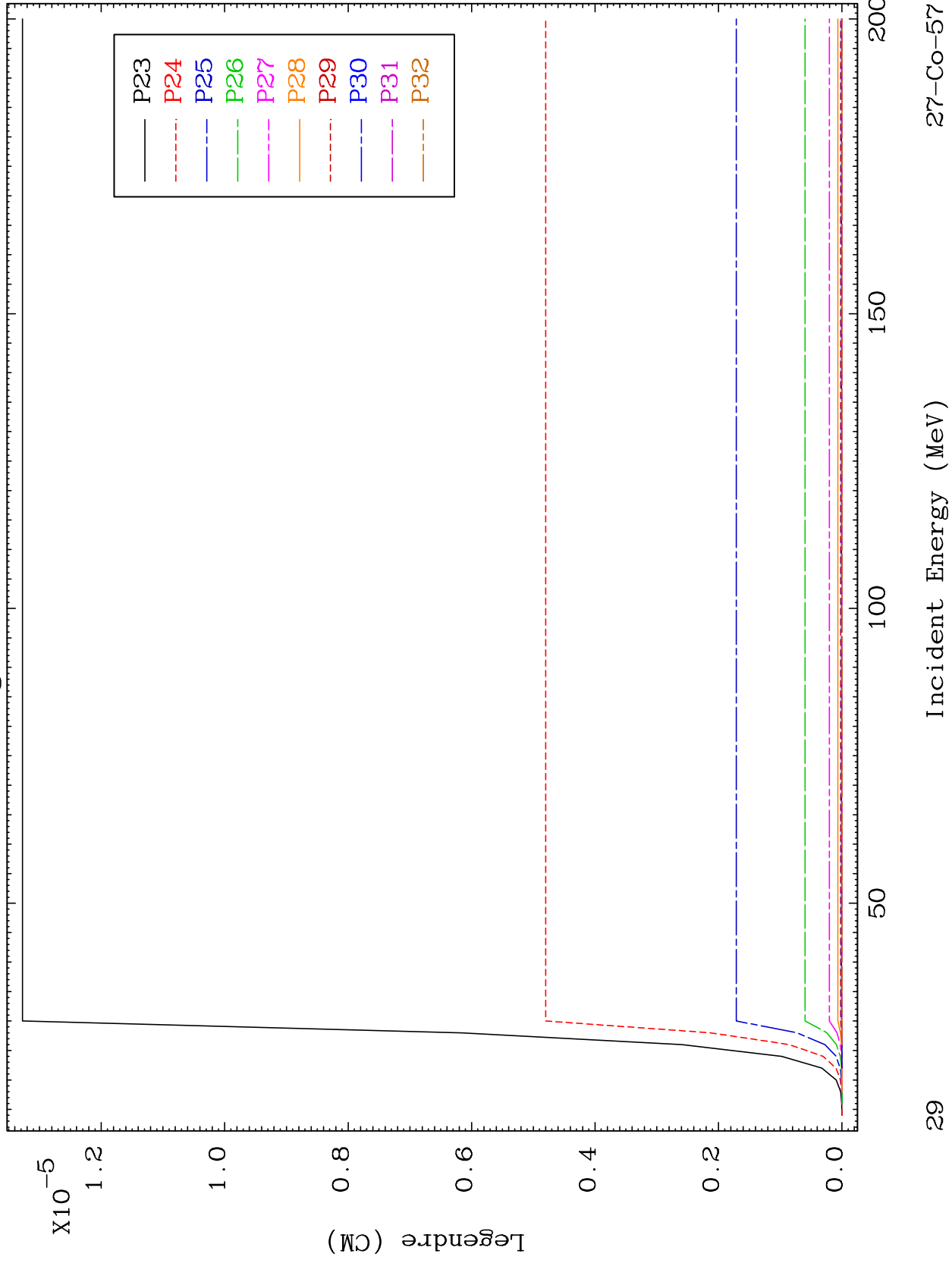




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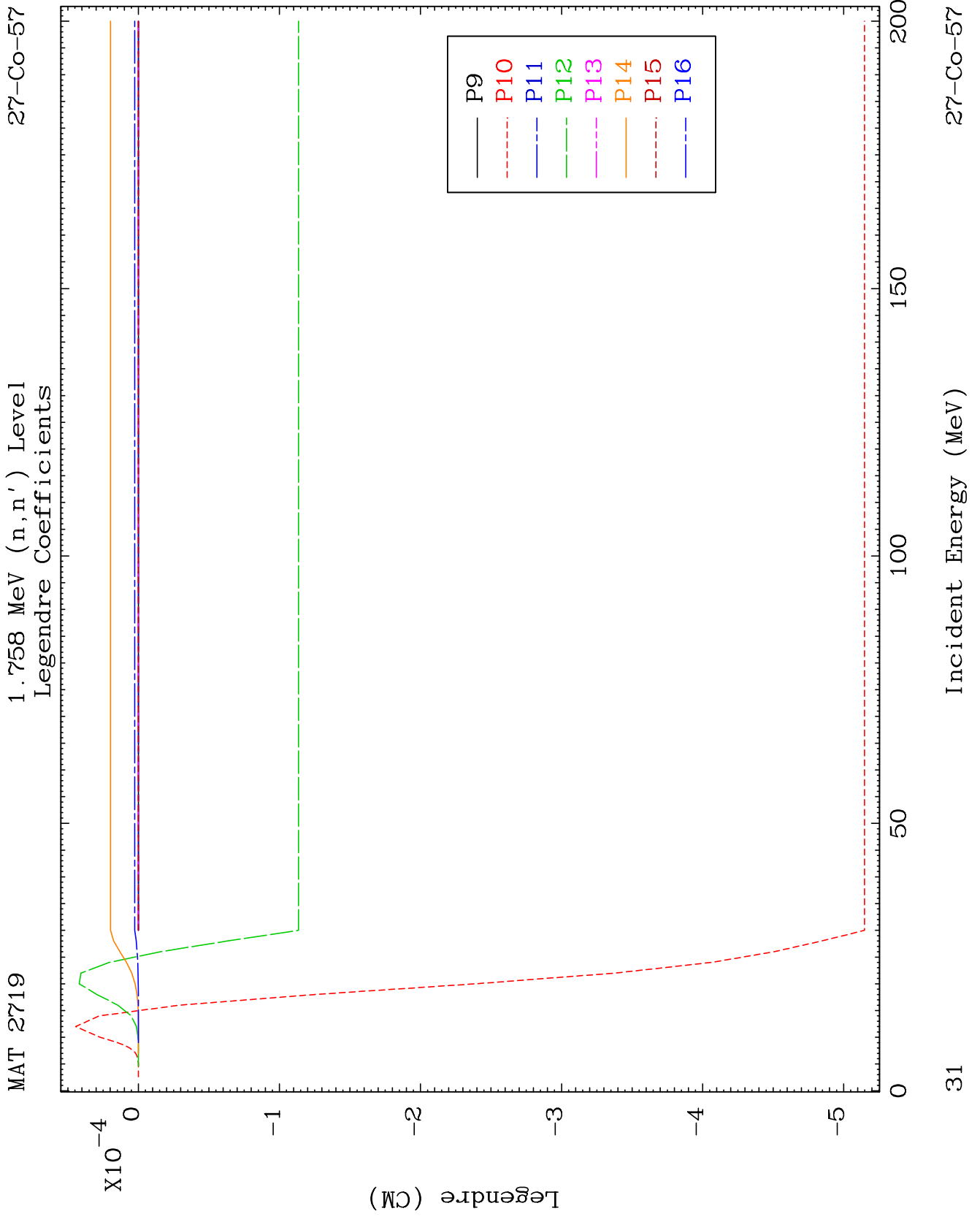
1.690 MeV (n,n') Level
Legendre Coefficients

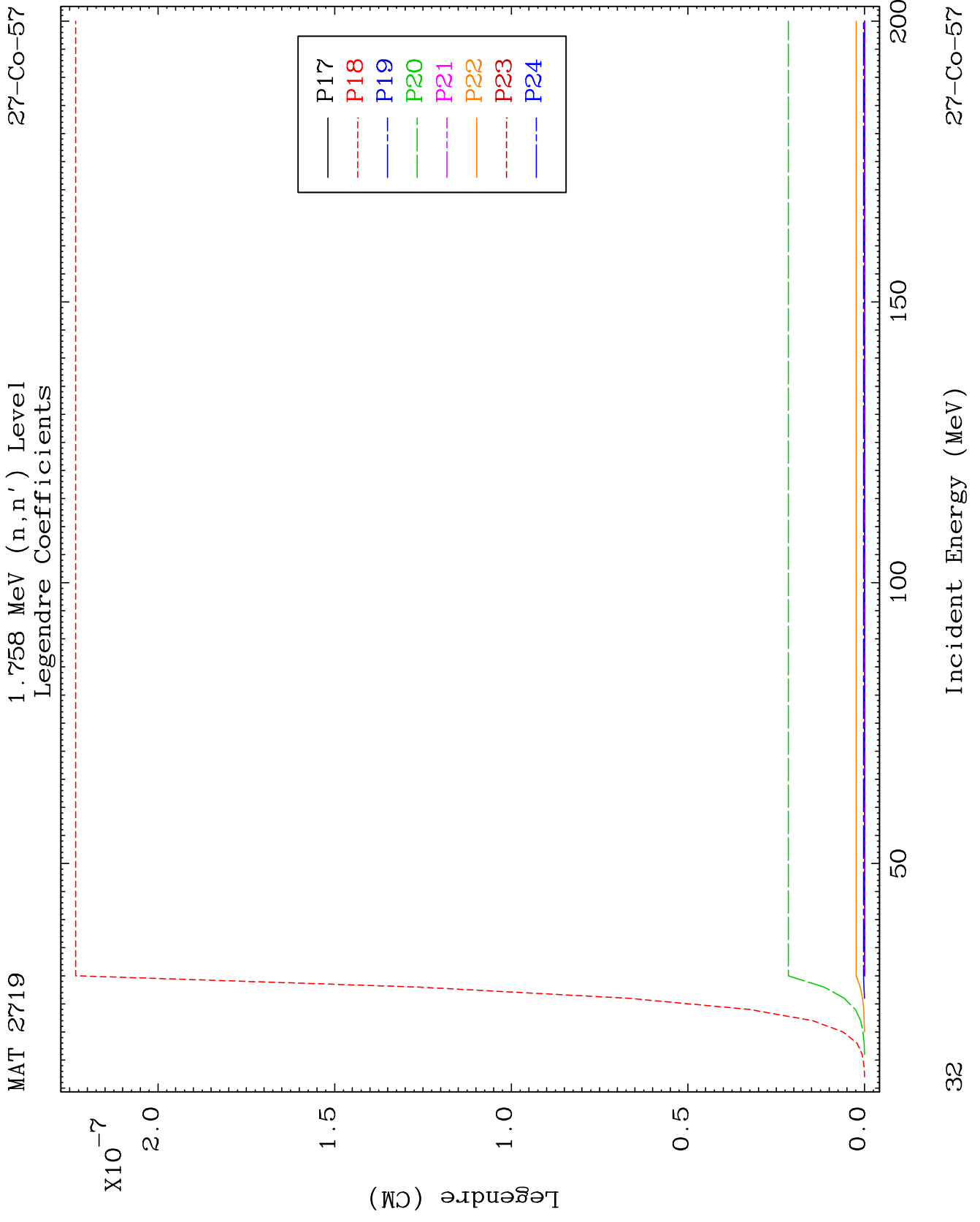
27-Co-57



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27-Co-57

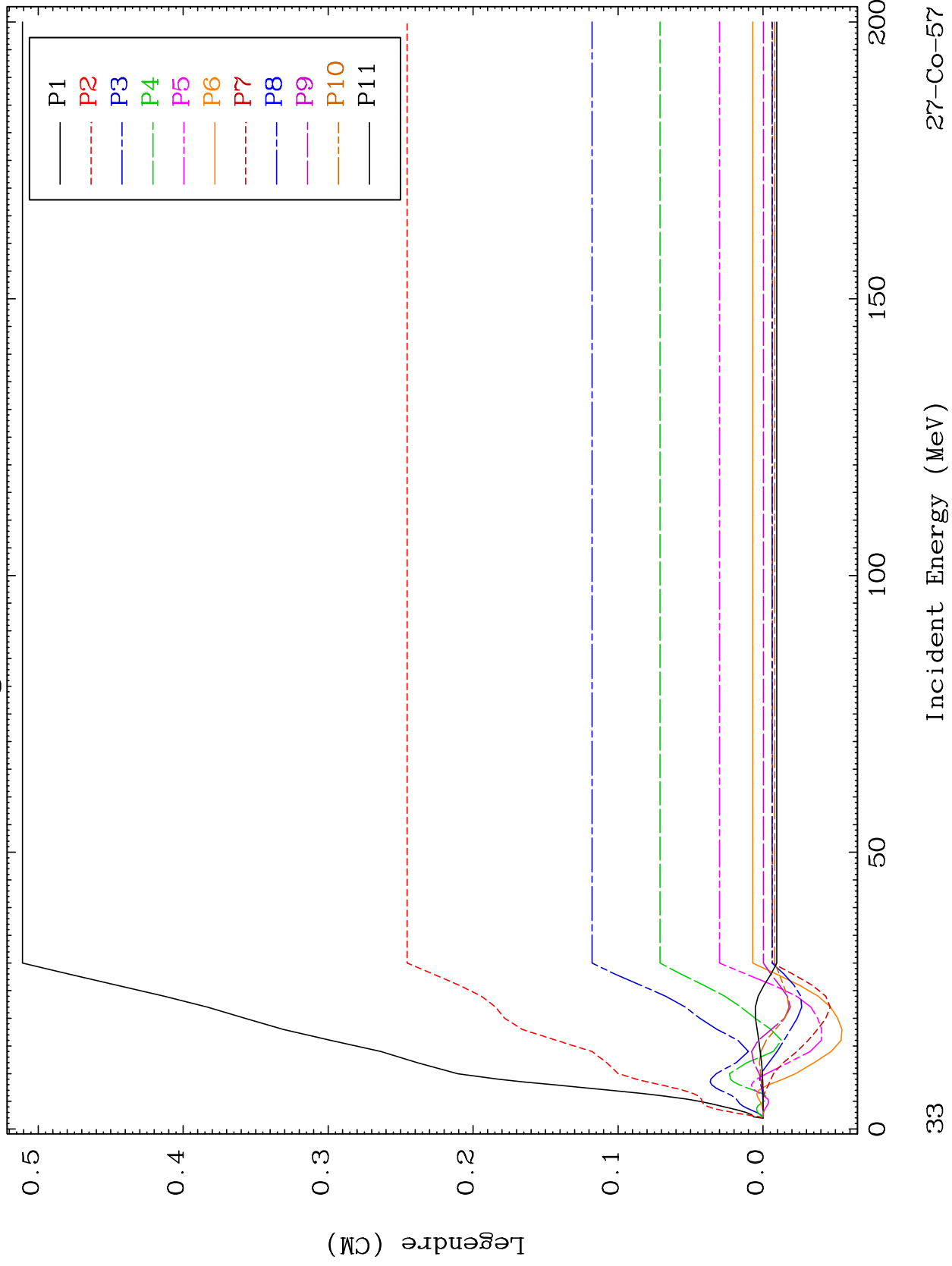


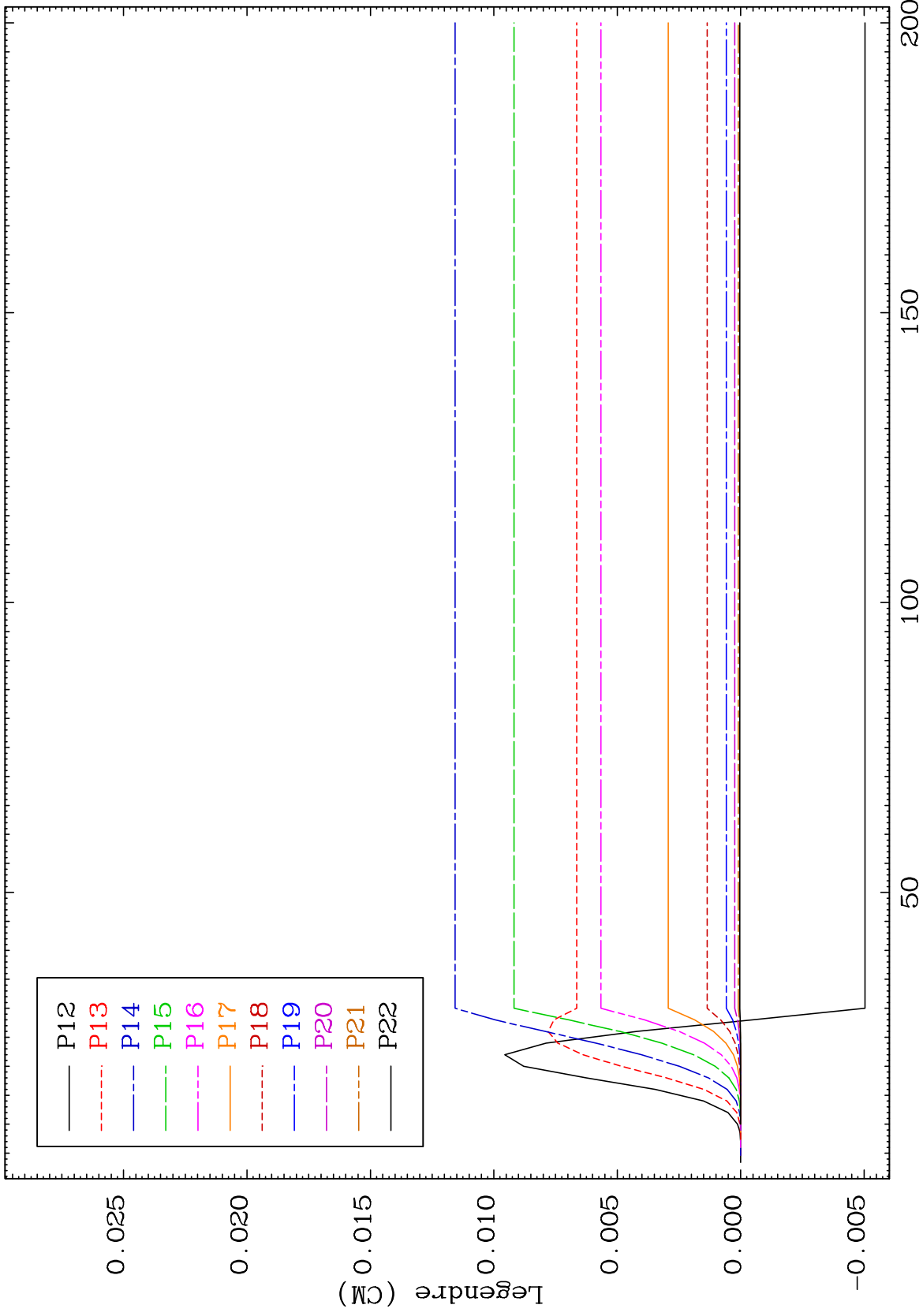


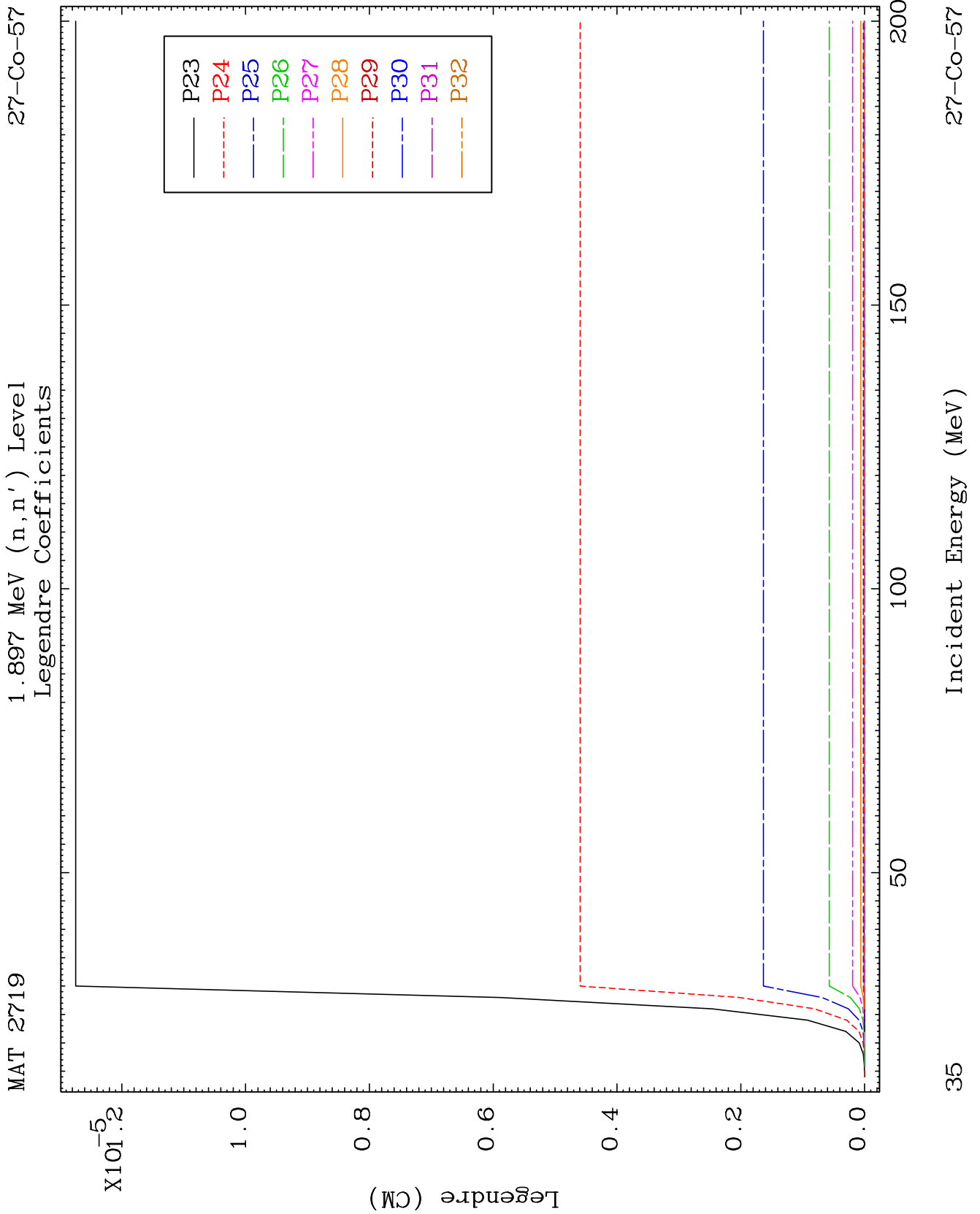
MAT 2719

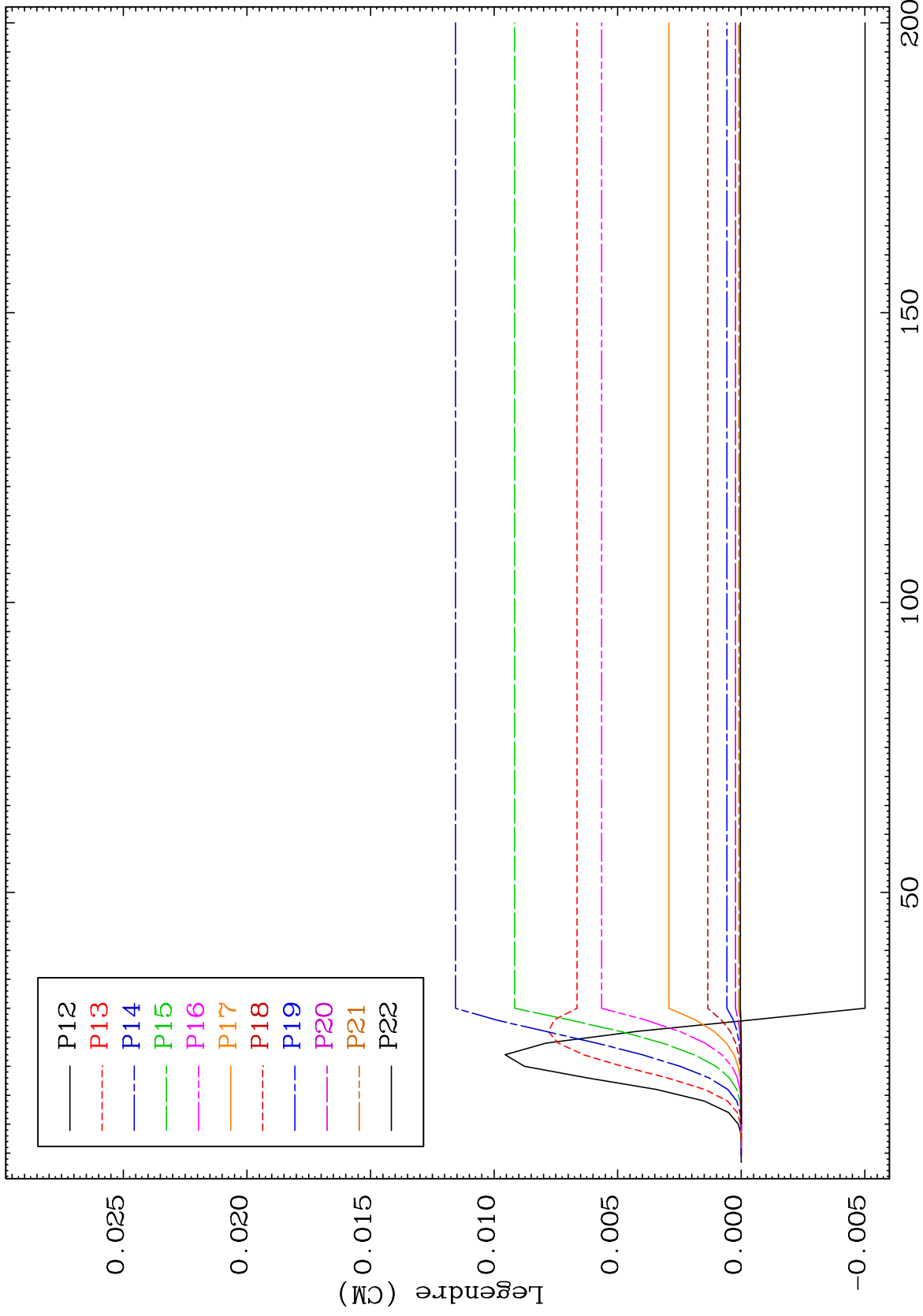
1.897 MeV (n,n') Level
Legendre Coefficients

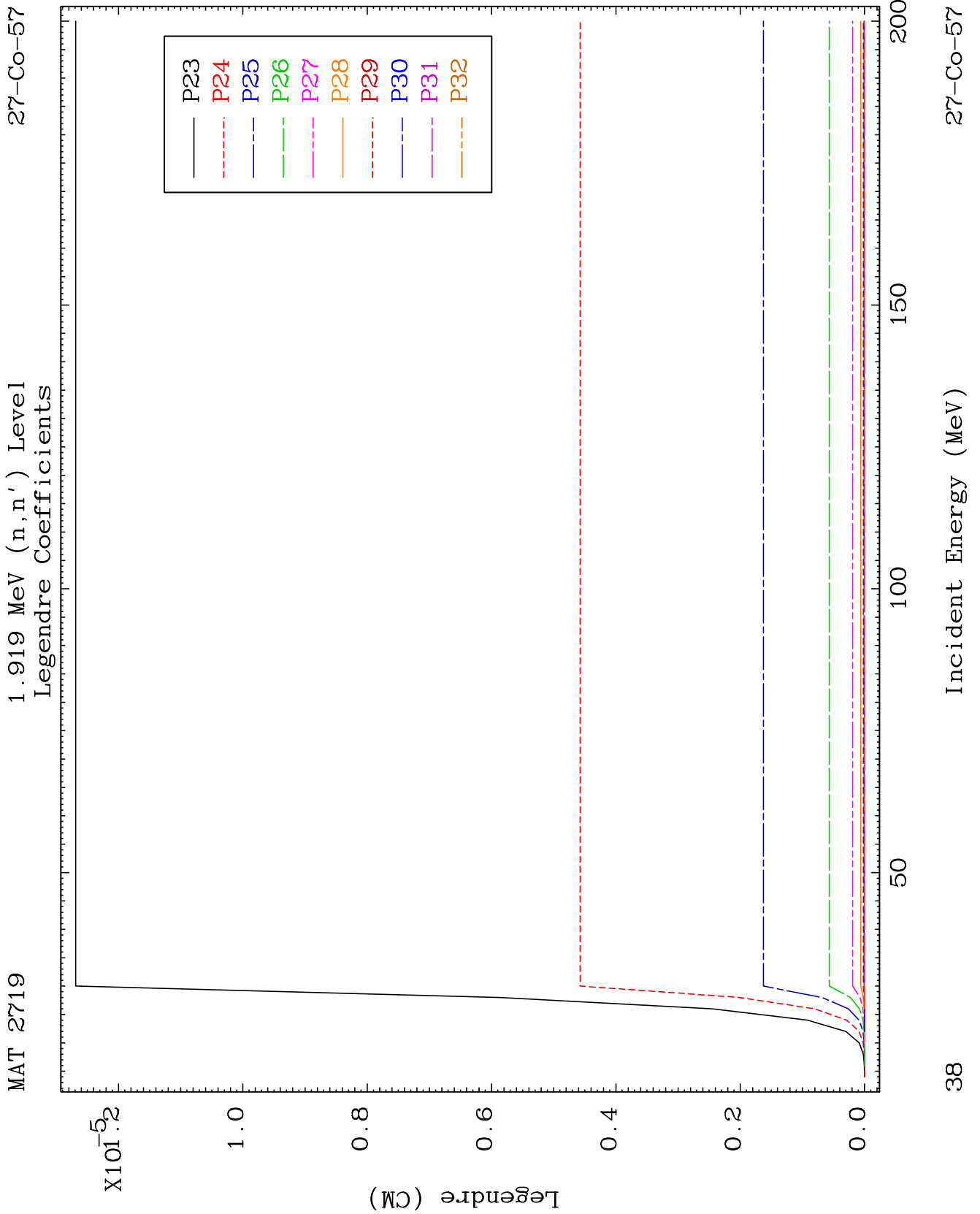
27-Co-57







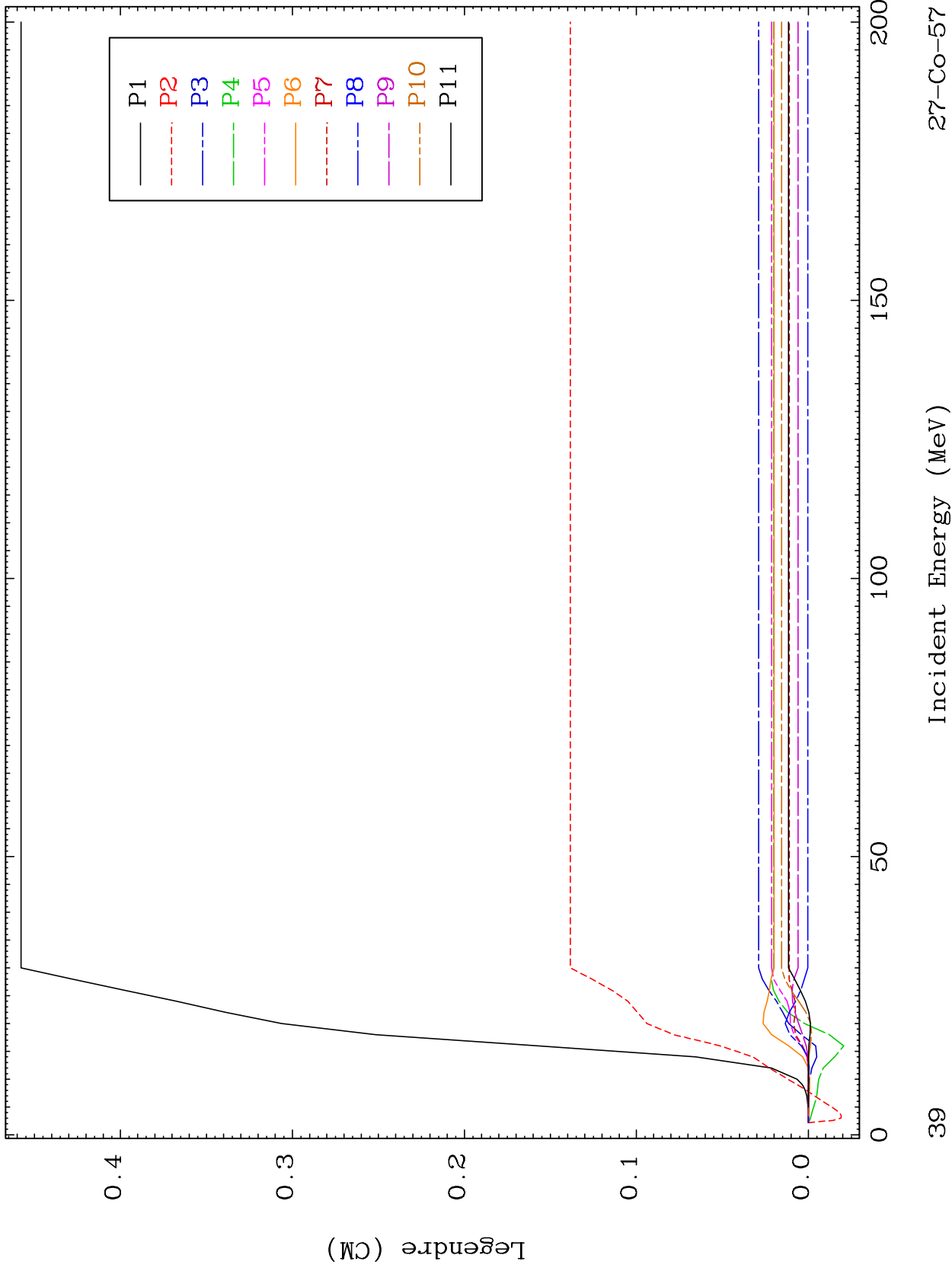




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2.133 MeV (n,n') Level
Legendre Coefficients

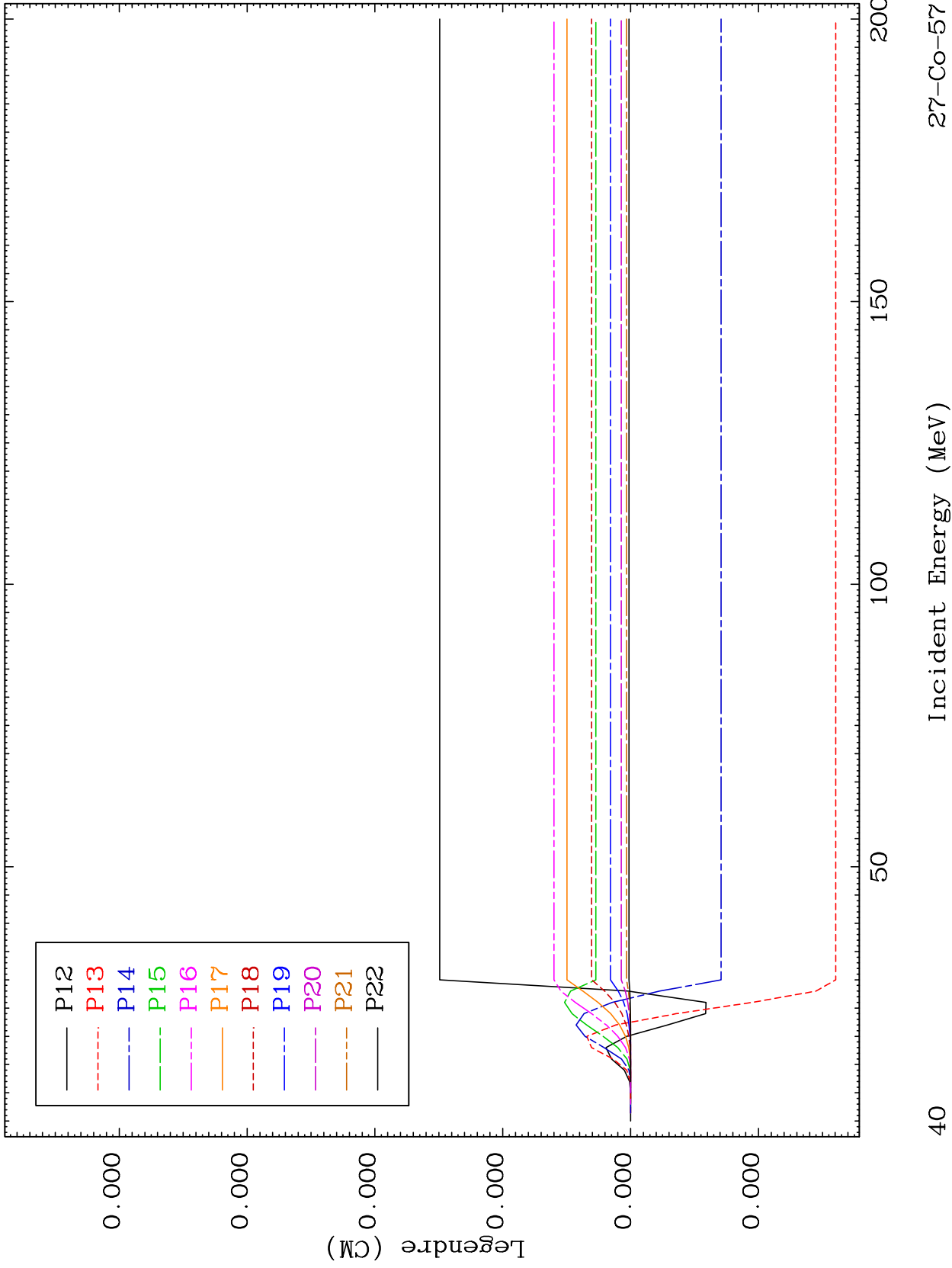
27-Co-57



MAT 2719

2.133 MeV (n,n') Level
Legendre Coefficients

27-Co-57



40

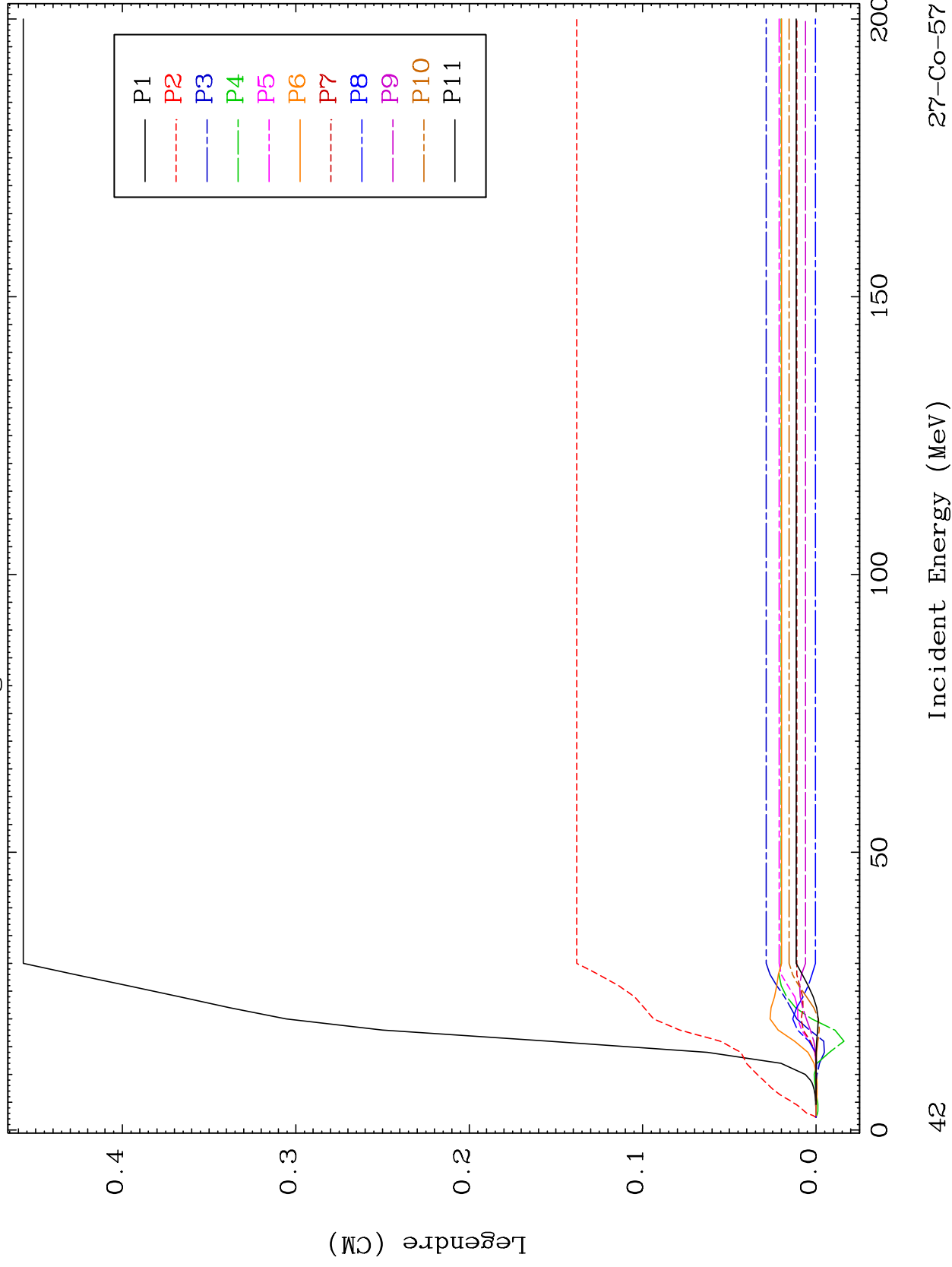
Incident Energy (MeV)

27-Co-57

MAT 2719

2.222 MeV (n,n') Level
Legendre Coefficients

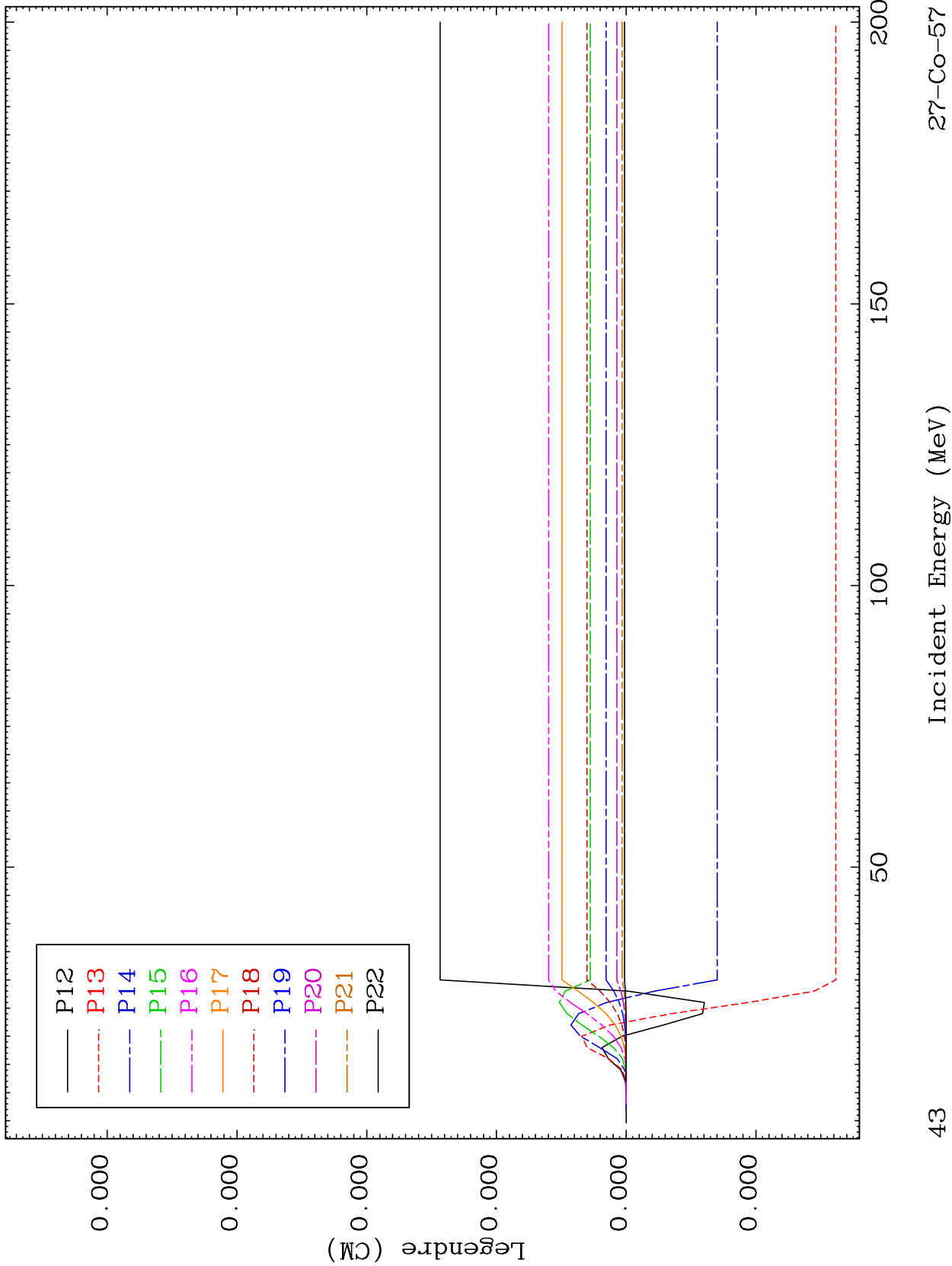
27-Co-57



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Incident Energy (MeV)

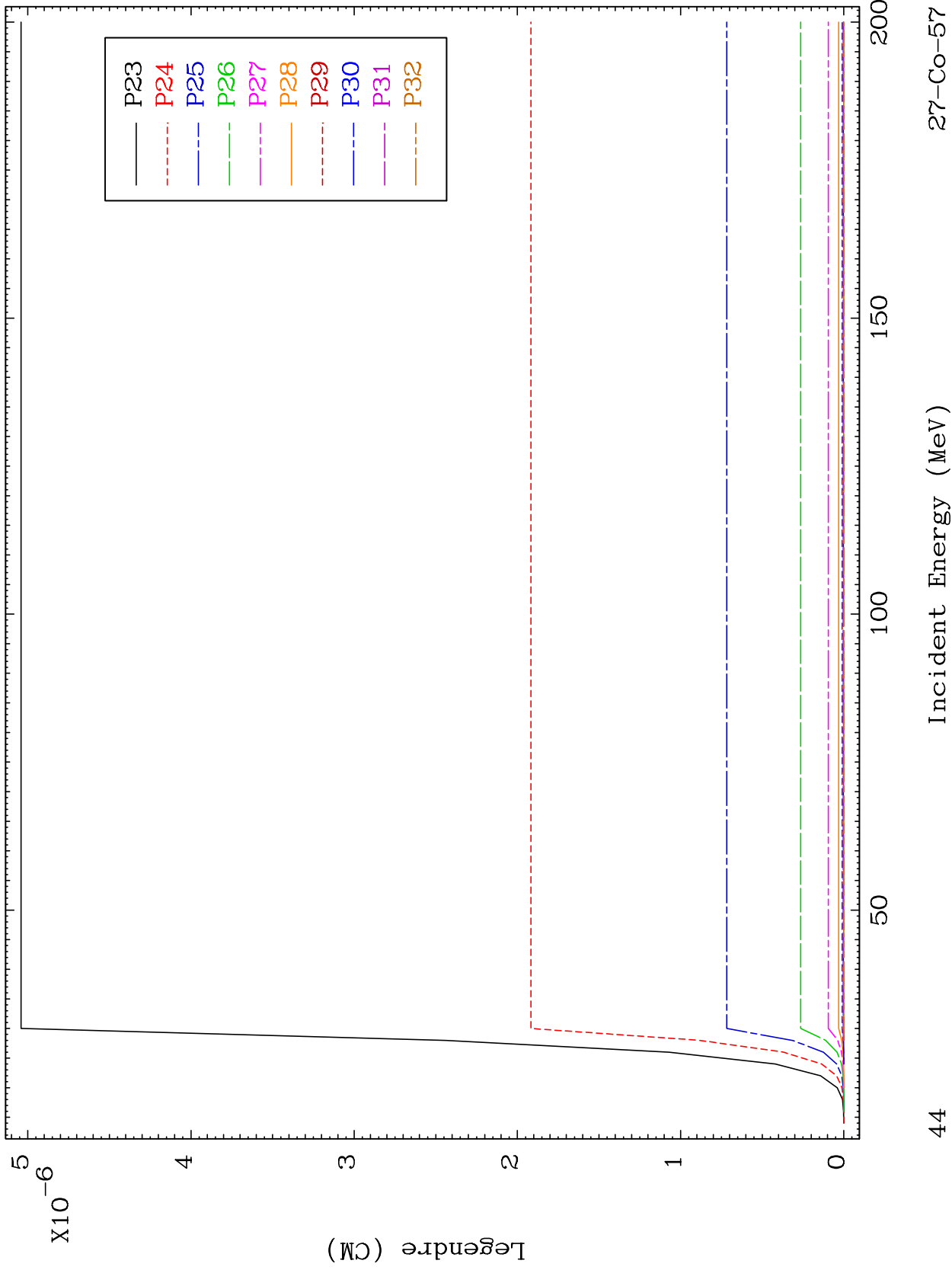
27-Co-57



MAT 2719

2.222 MeV (n,n') Level
Legendre Coefficients

27-Co-57



44

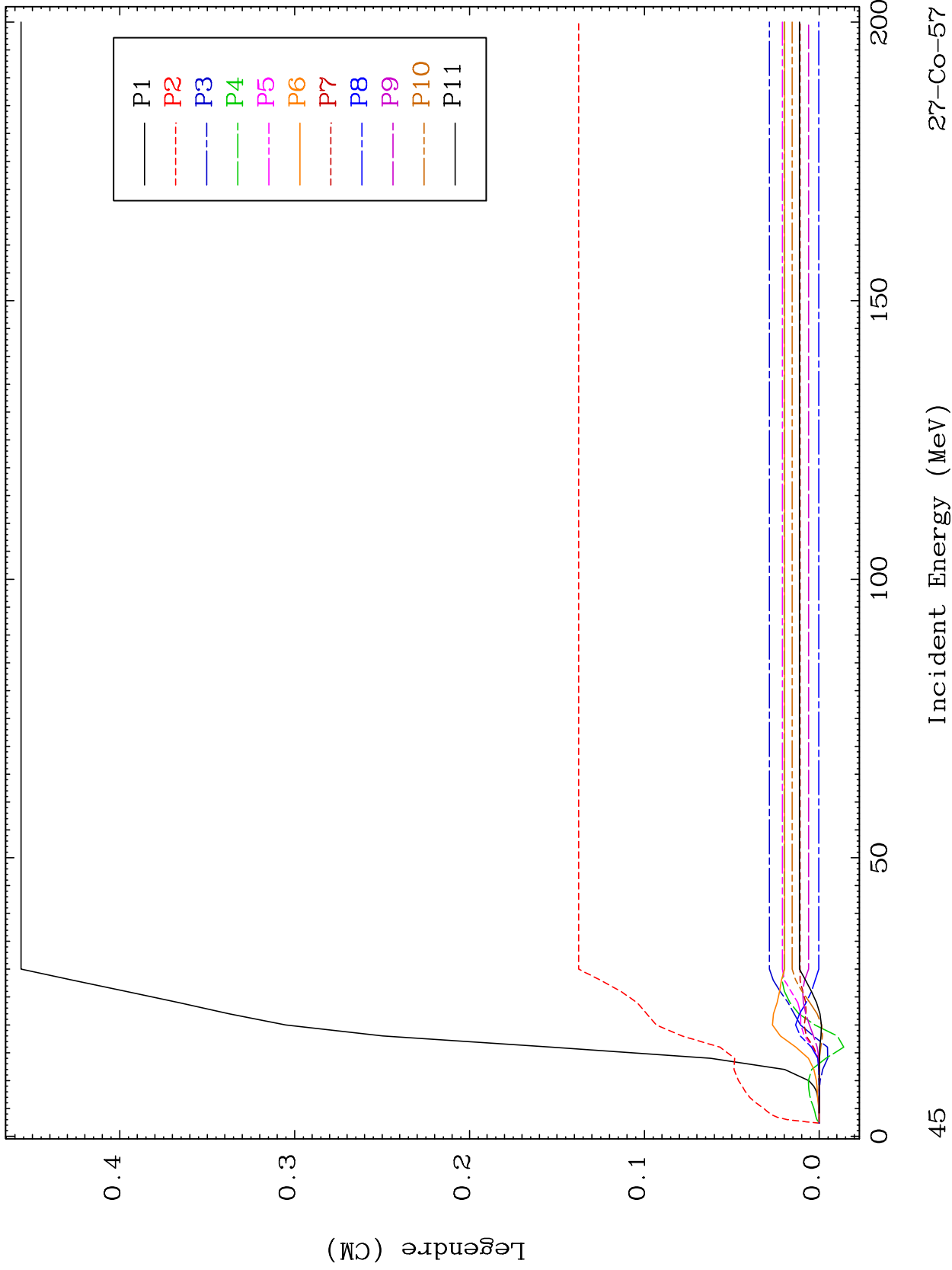
Incident Energy (MeV)

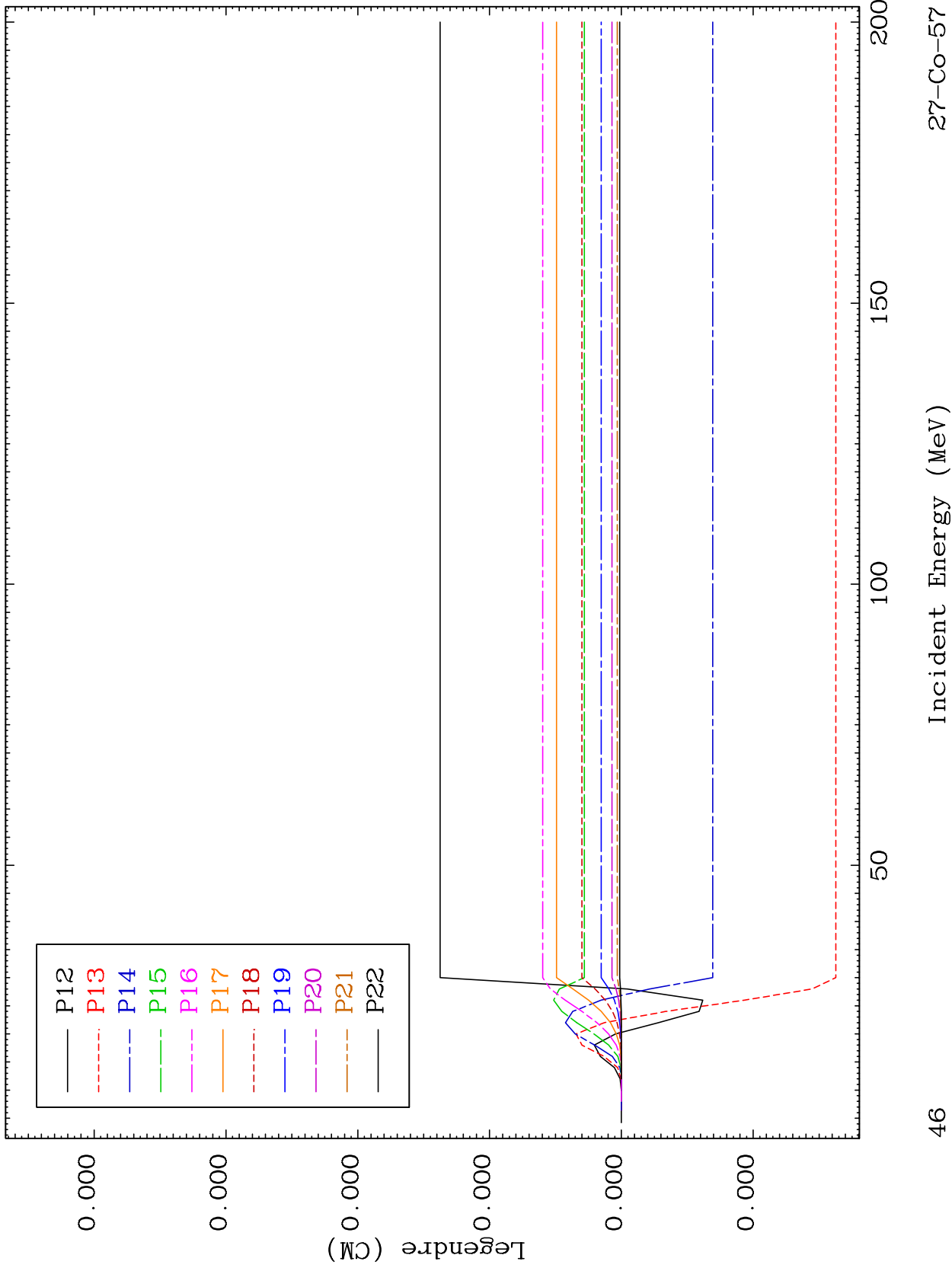
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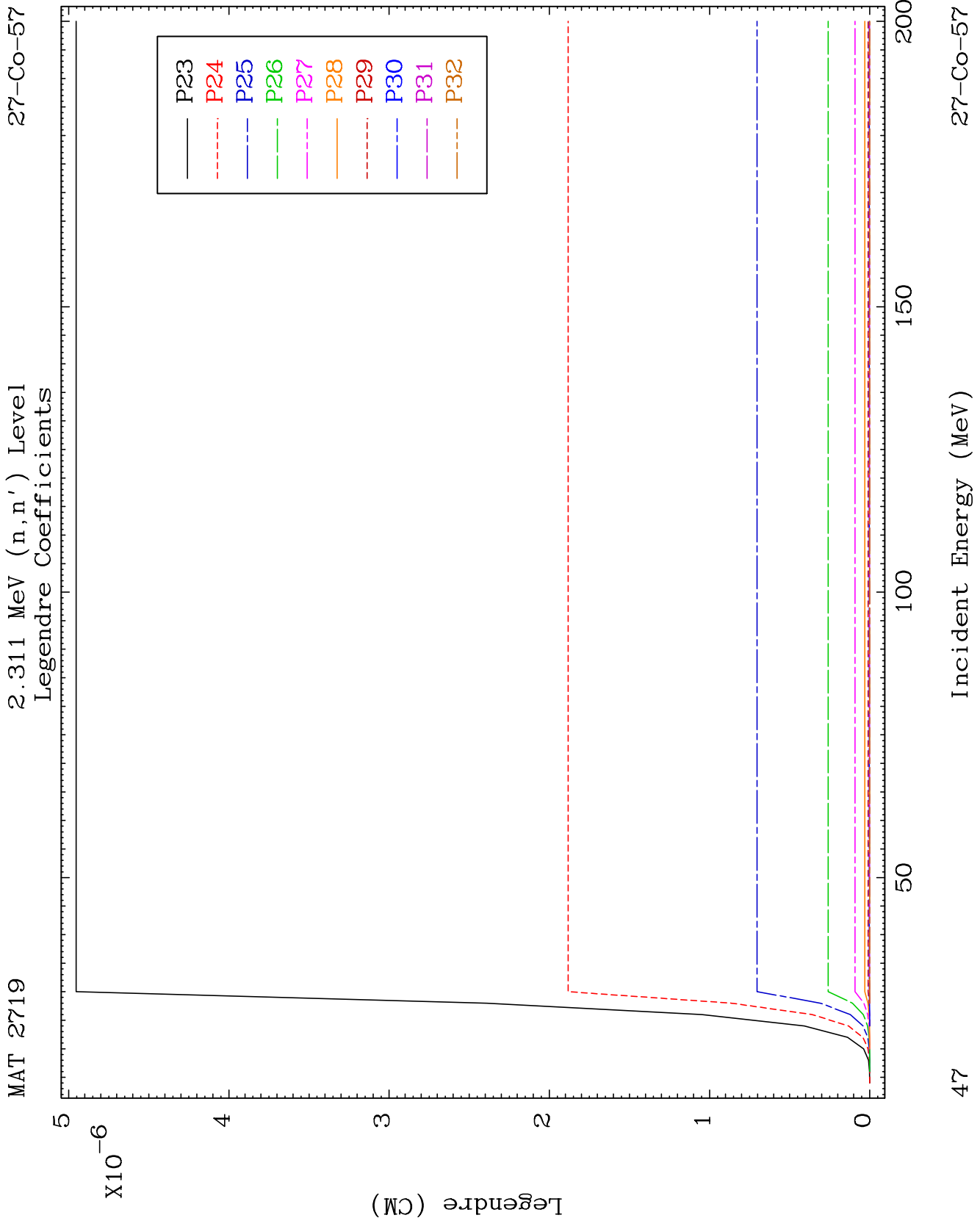
MAT 2719

2.311 MeV (n,n') Level
Legendre Coefficients

27-Co-57



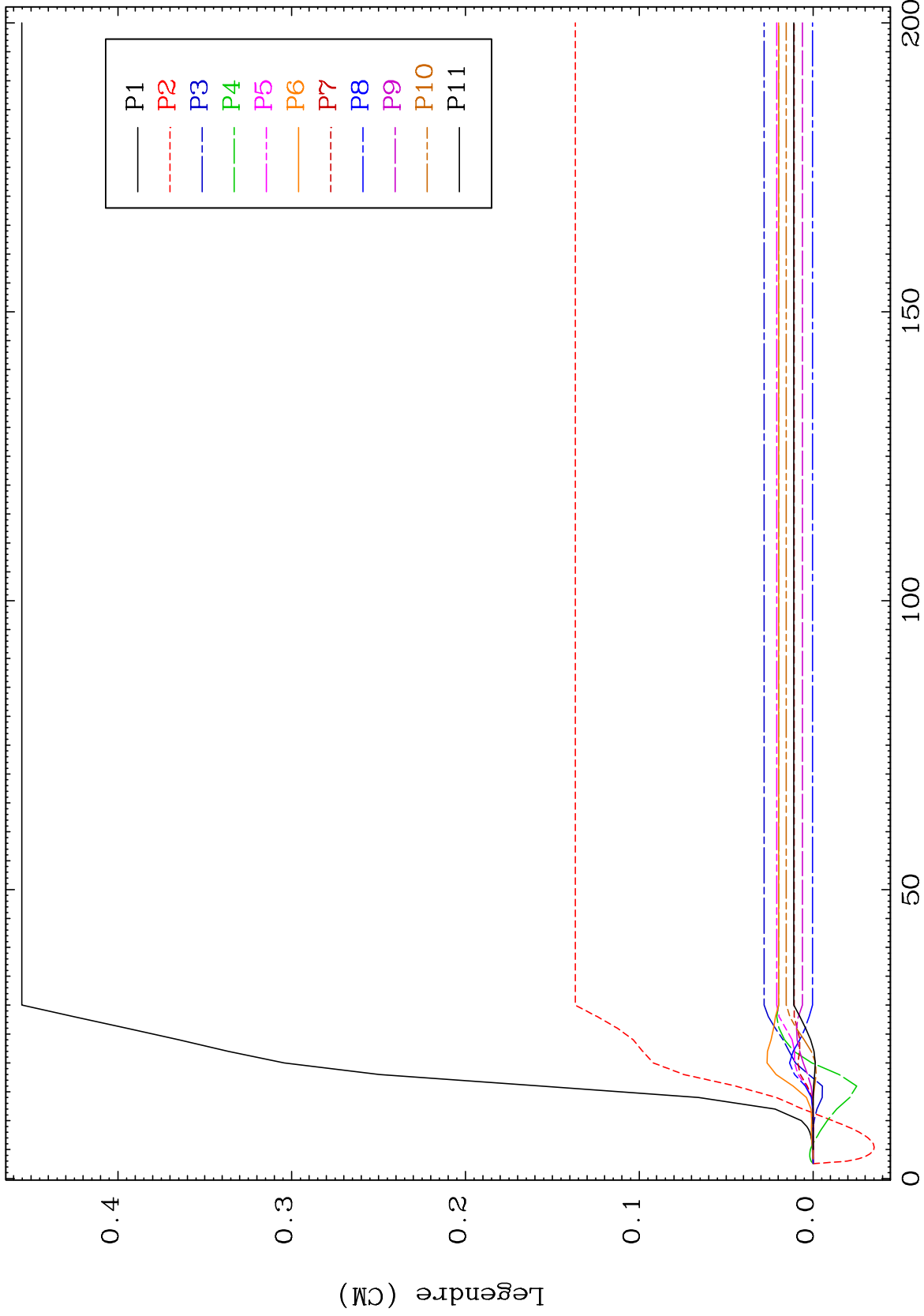




MAT 2719

2.479 MeV (n,n') Level
Legendre Coefficients

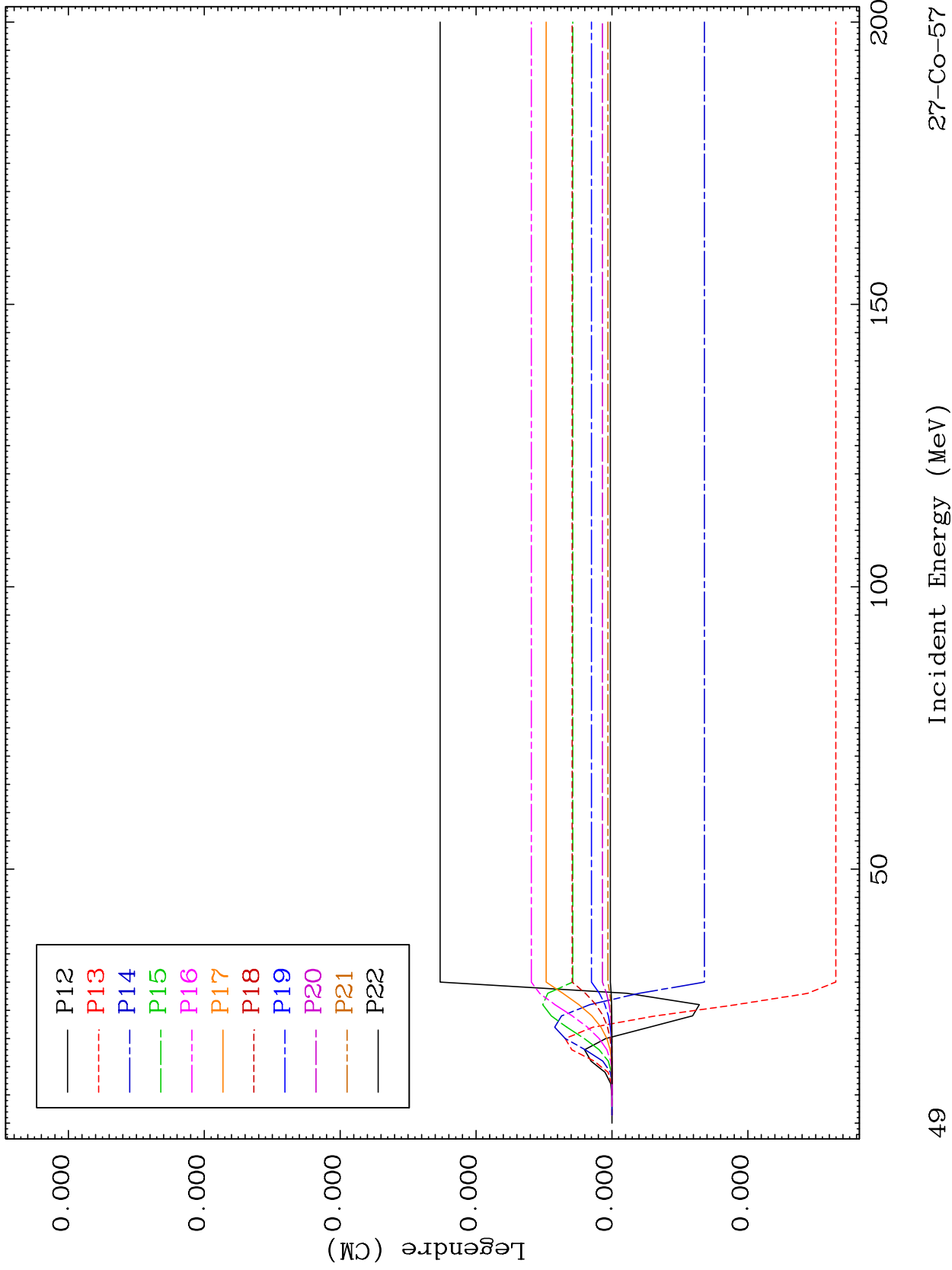
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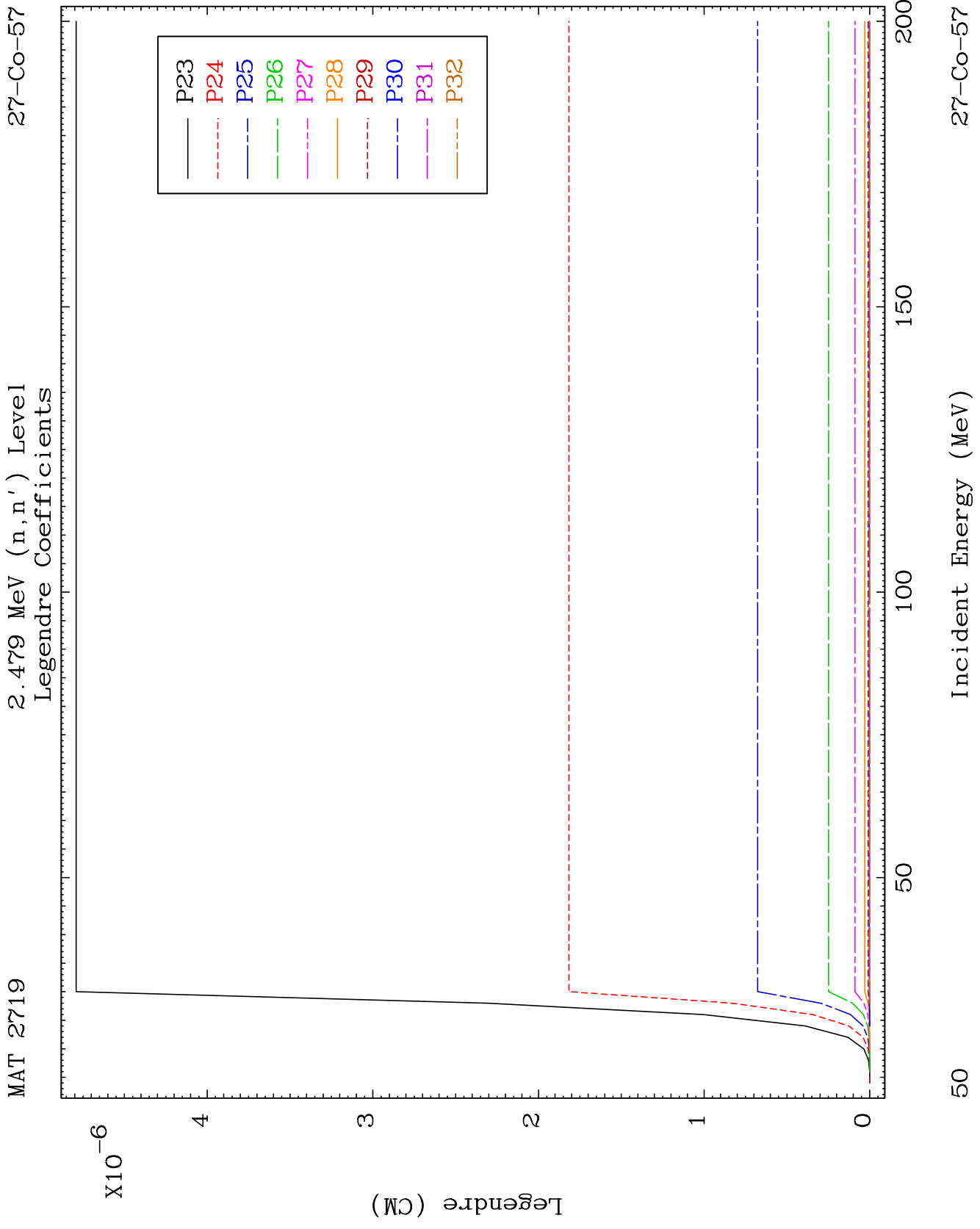


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Incident Energy (MeV)

27-Co-57

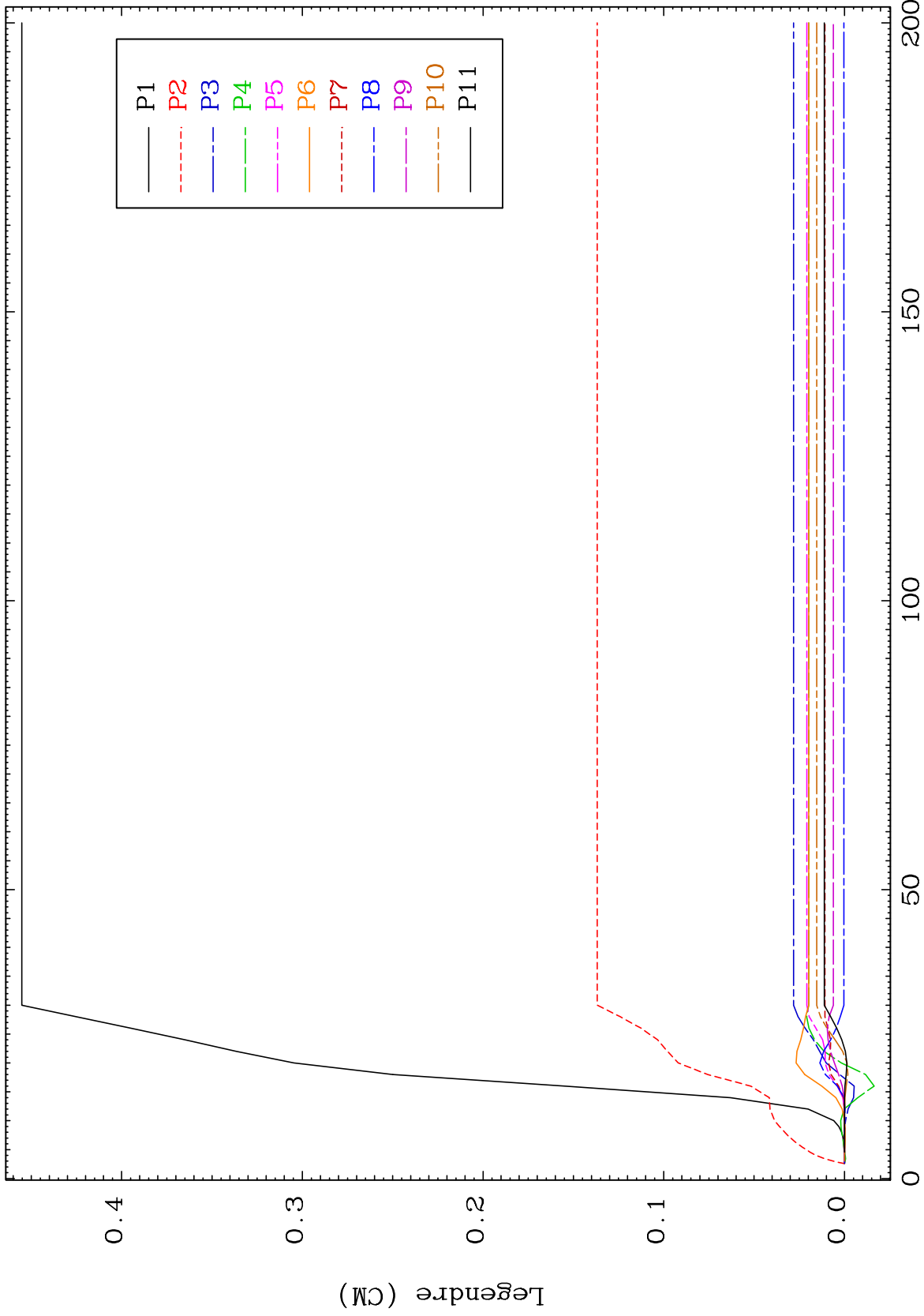




MAT 2719

2.486 MeV (n,n') Level
Legendre Coefficients

27-Co-57



51

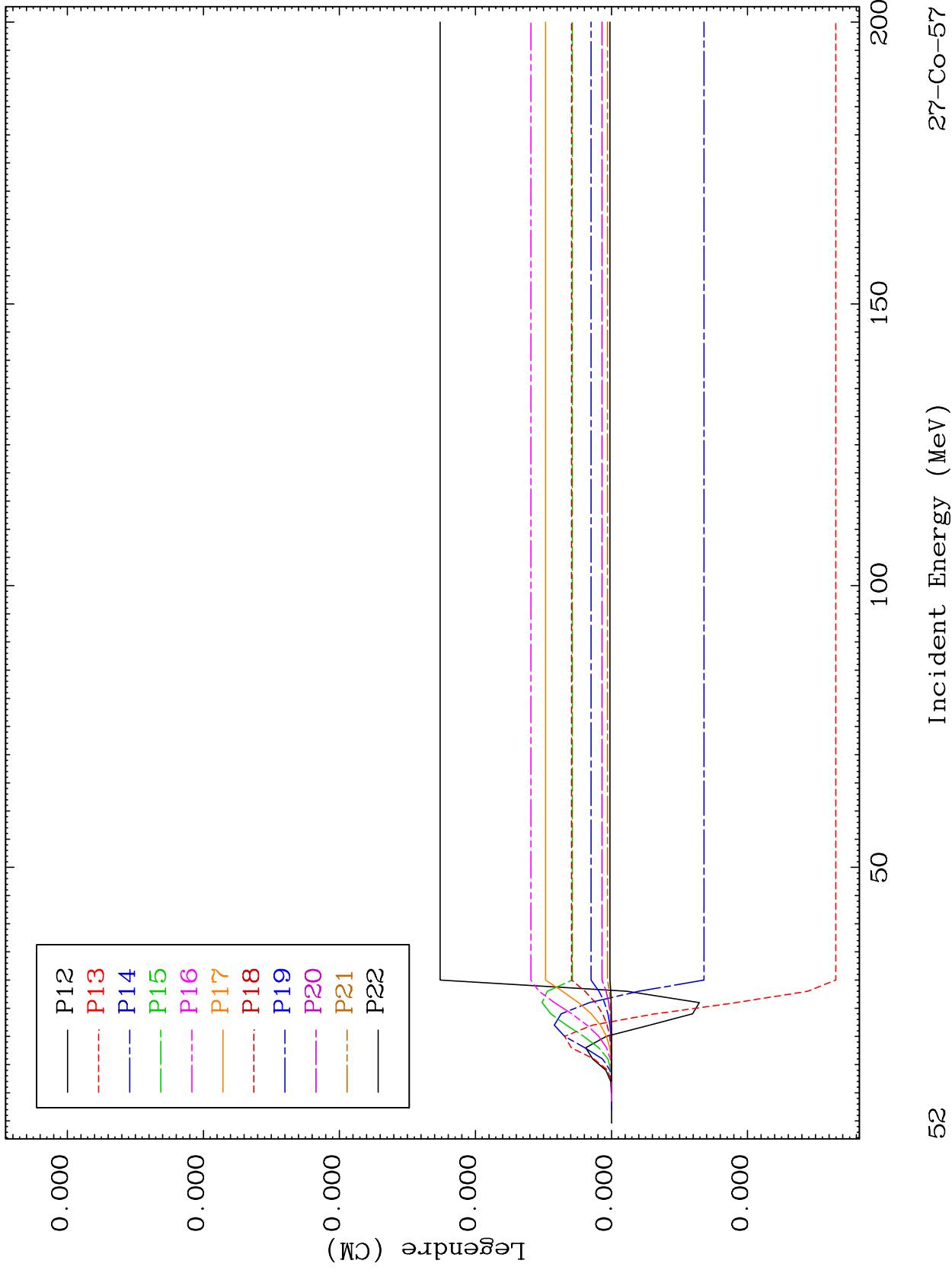
Incident Energy (MeV)

27-Co-57

MAT 2719

2.486 MeV (n, n') Level
Legendre Coefficients

27-Co-57

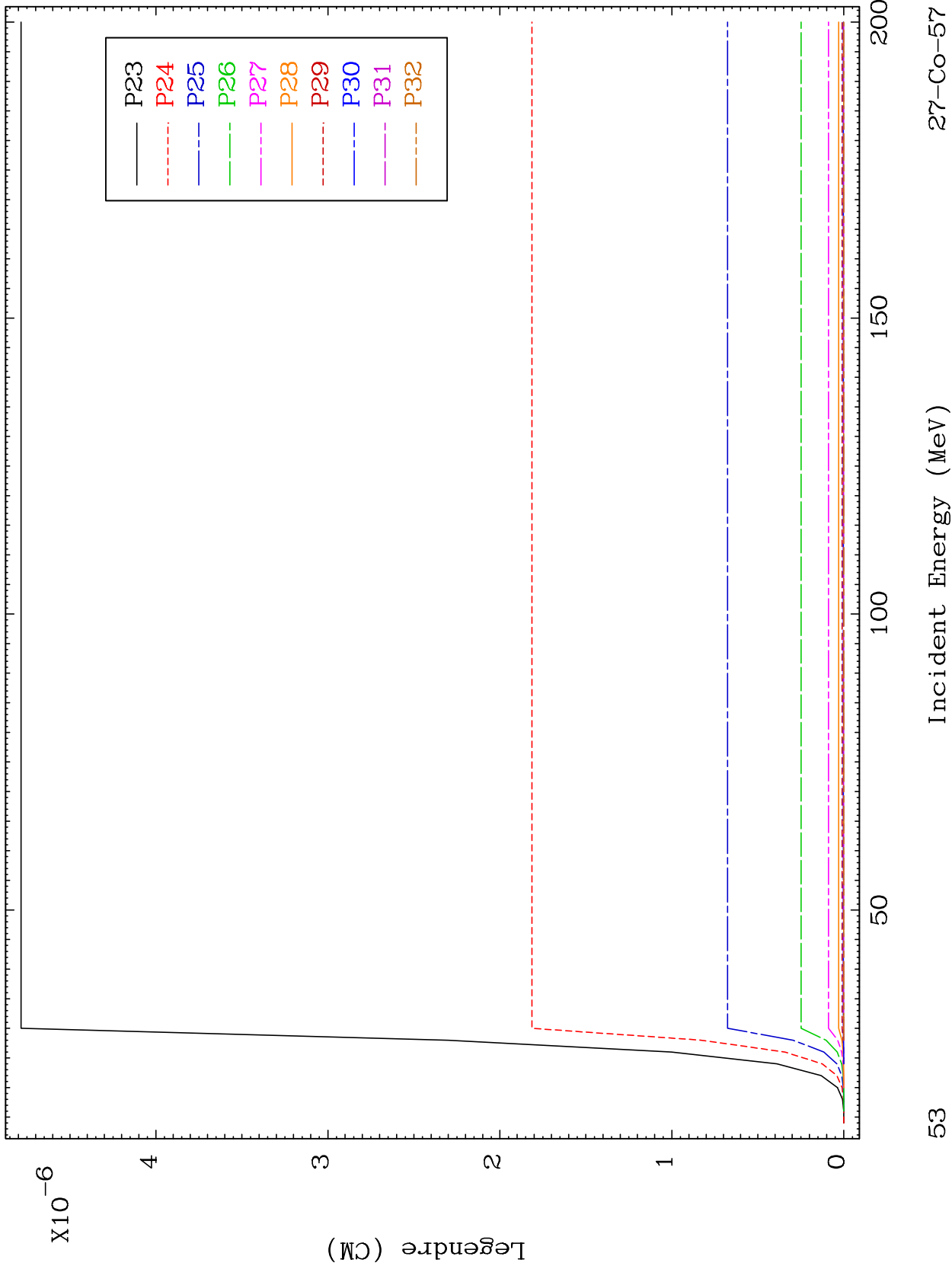


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MAT 2719

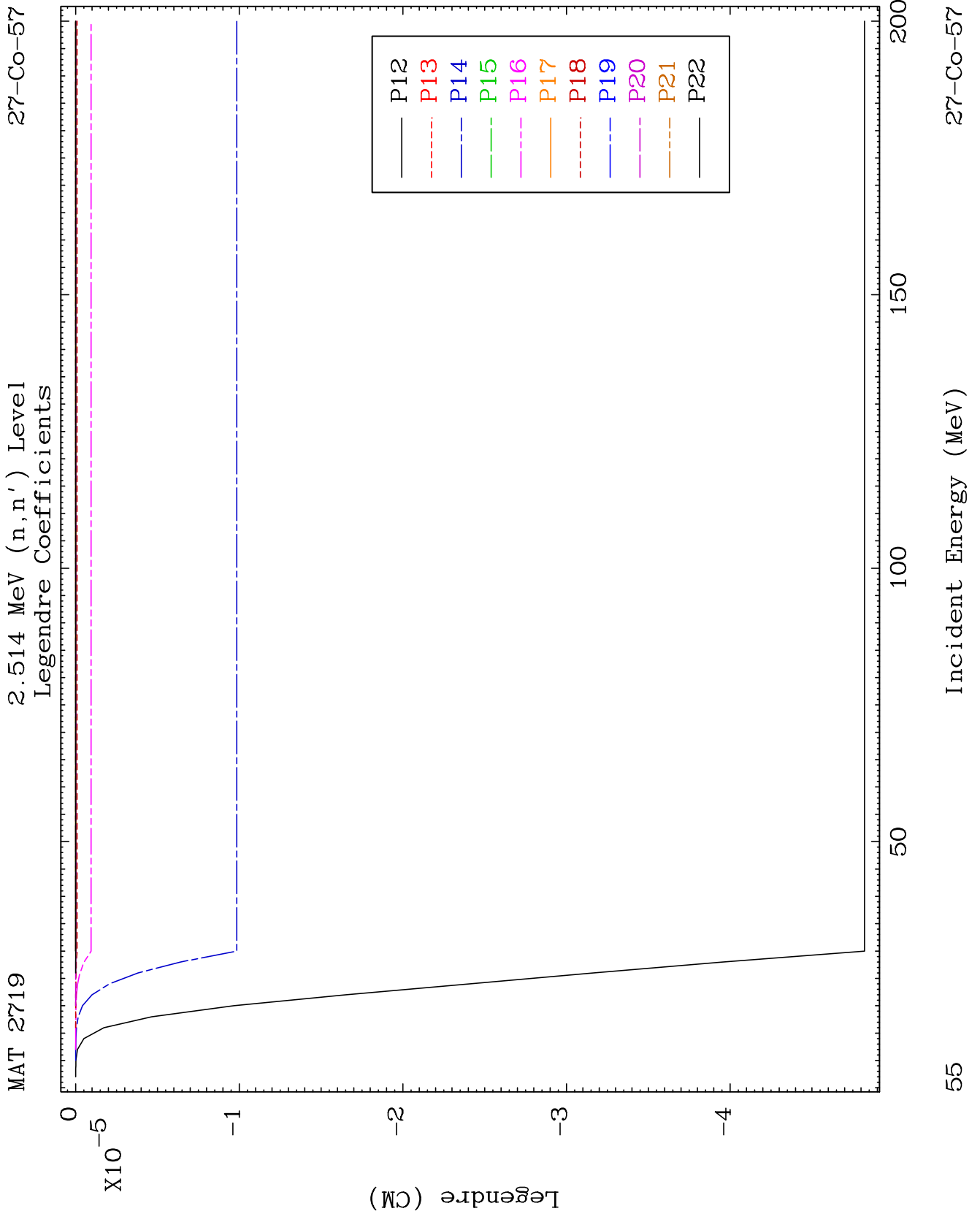
2.486 MeV (n,n') Level
Legendre Coefficients

27-Co-57



53

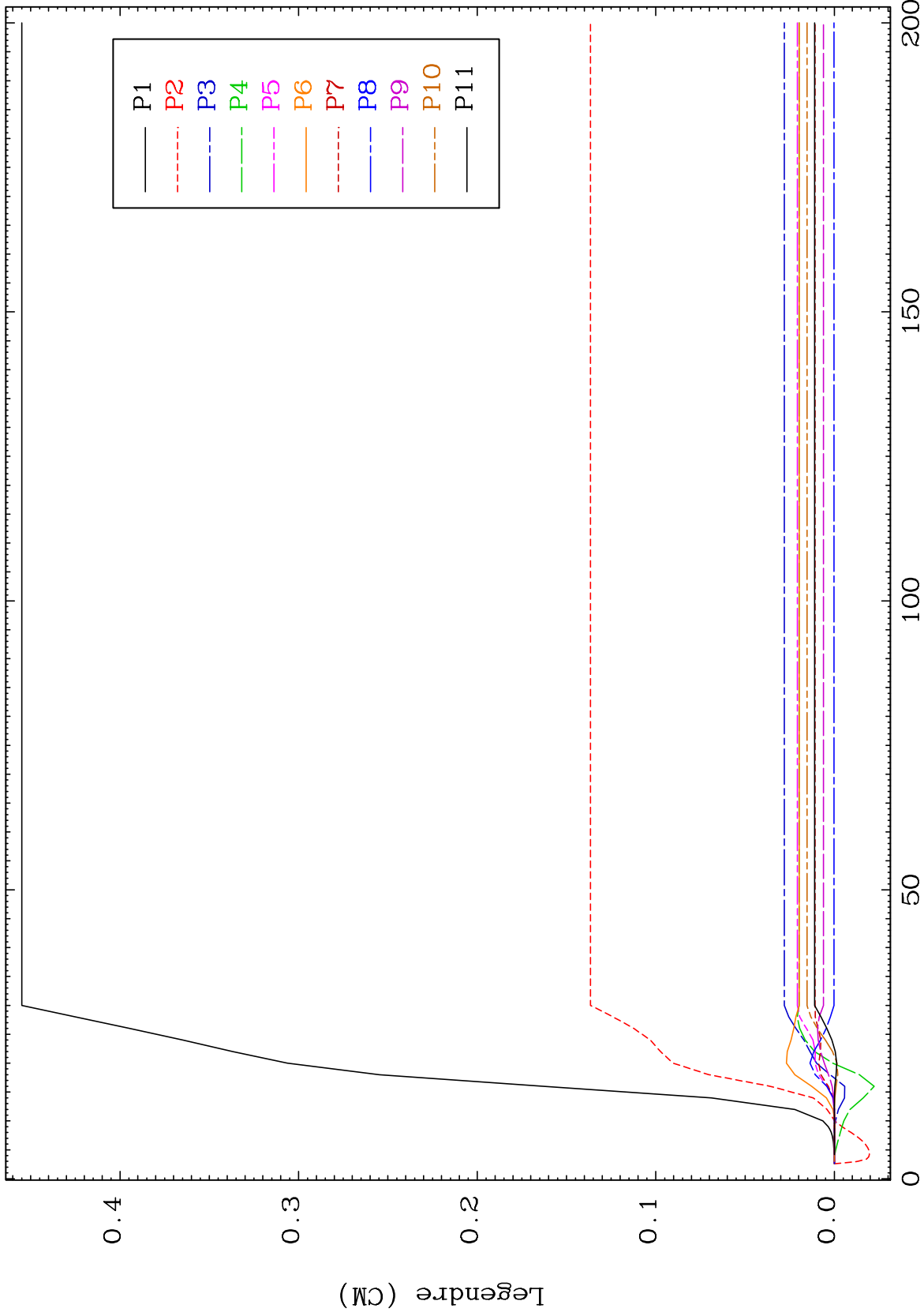
27-Co-57



MAT 2719

2.524 MeV (n,n') Level
Legendre Coefficients

27-Co-57



56

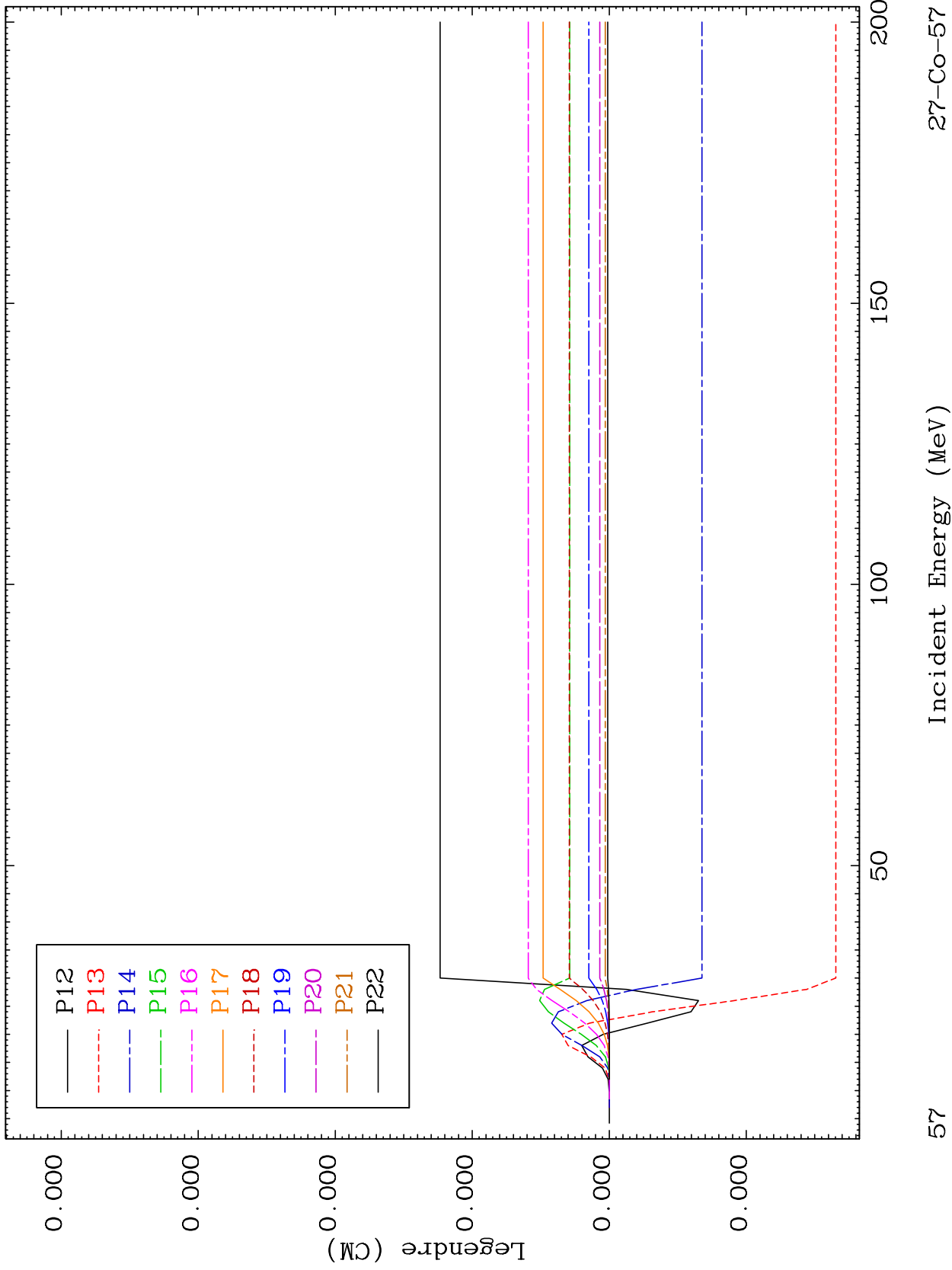
Incident Energy (MeV)

27-Co-57

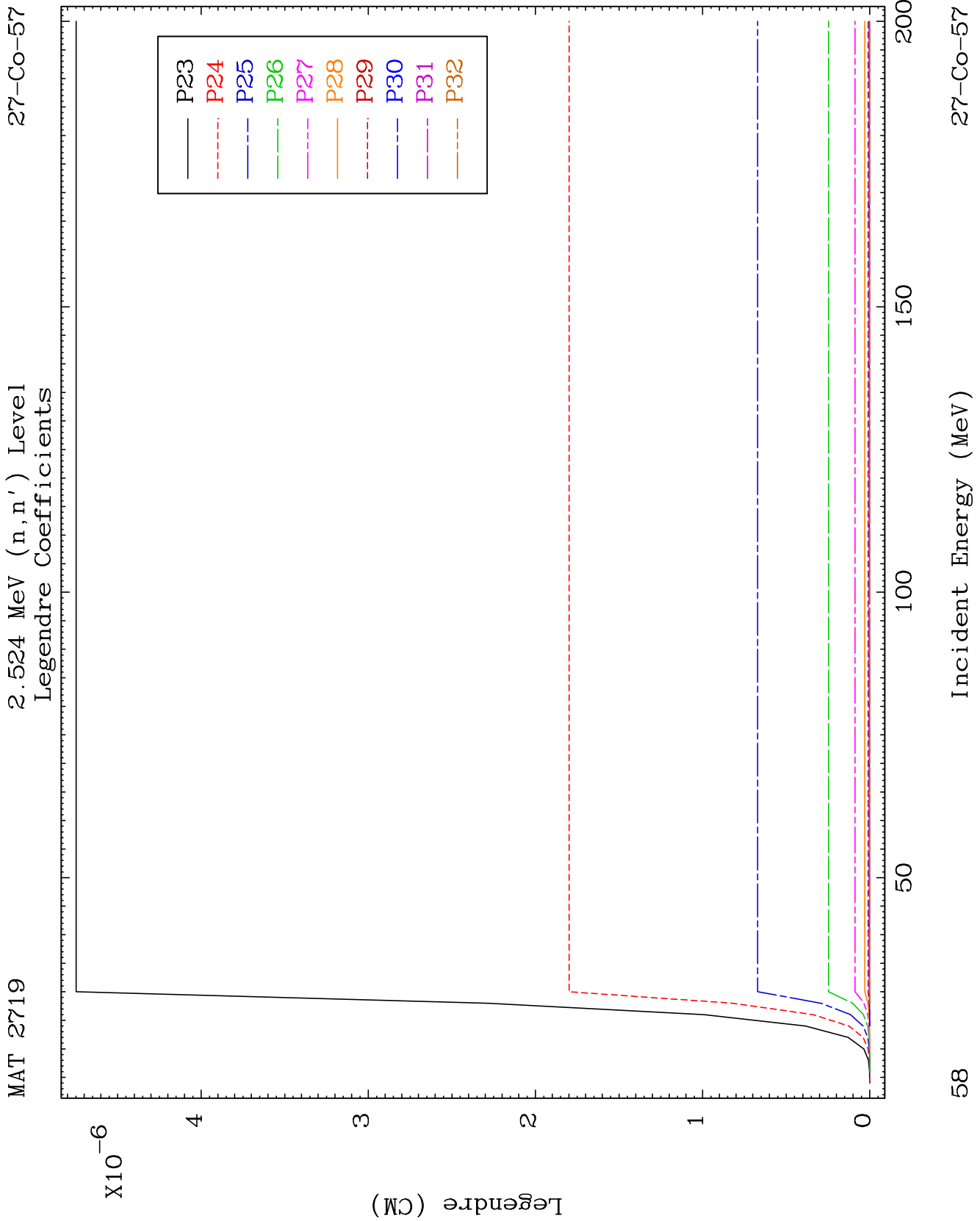
MAT 2719

2.524 MeV (n,n') Level
Legendre Coefficients

27-Co-57



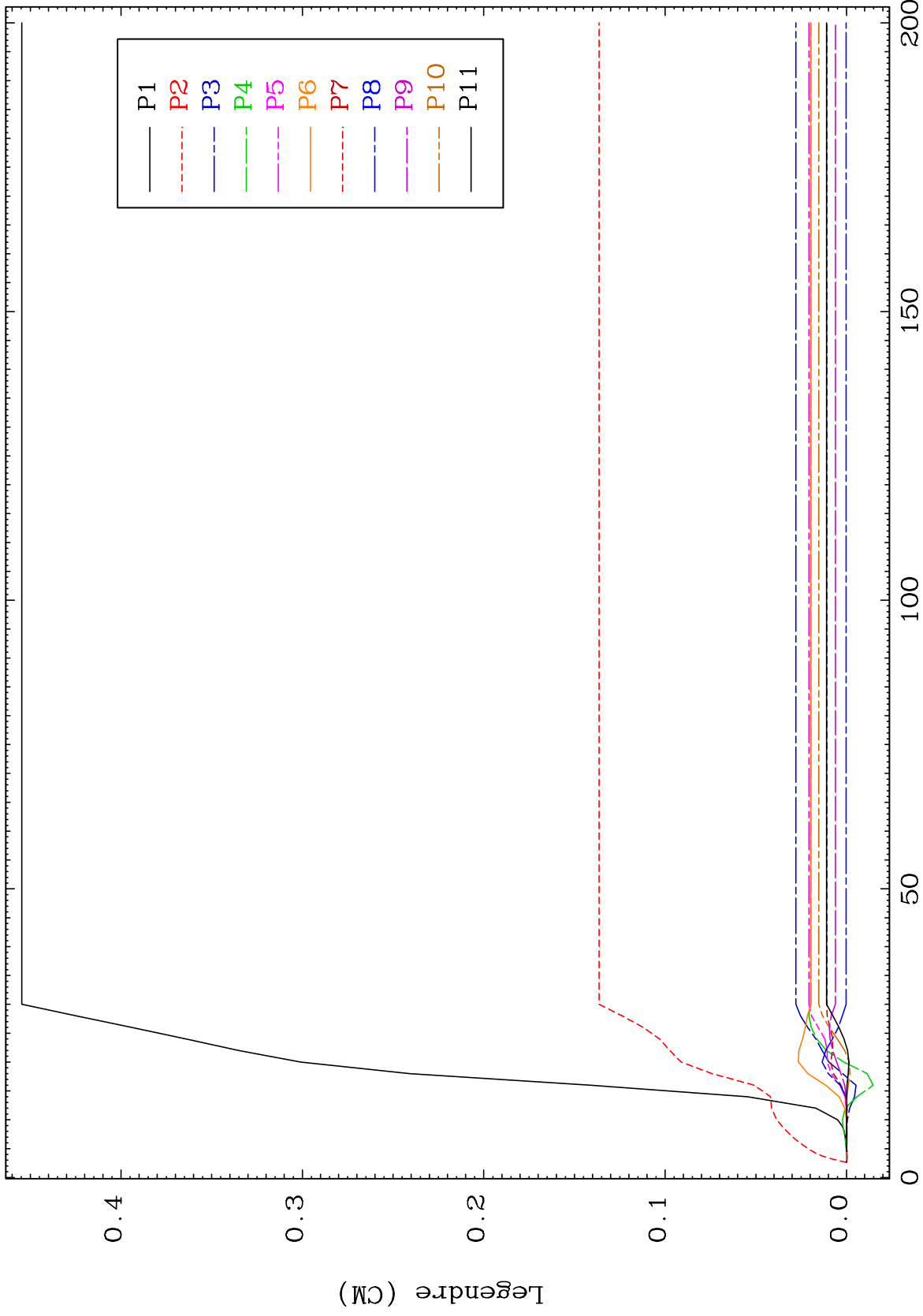
57



MAT 2719

2.560 MeV (n,n') Level
Legendre Coefficients

27-Co-57



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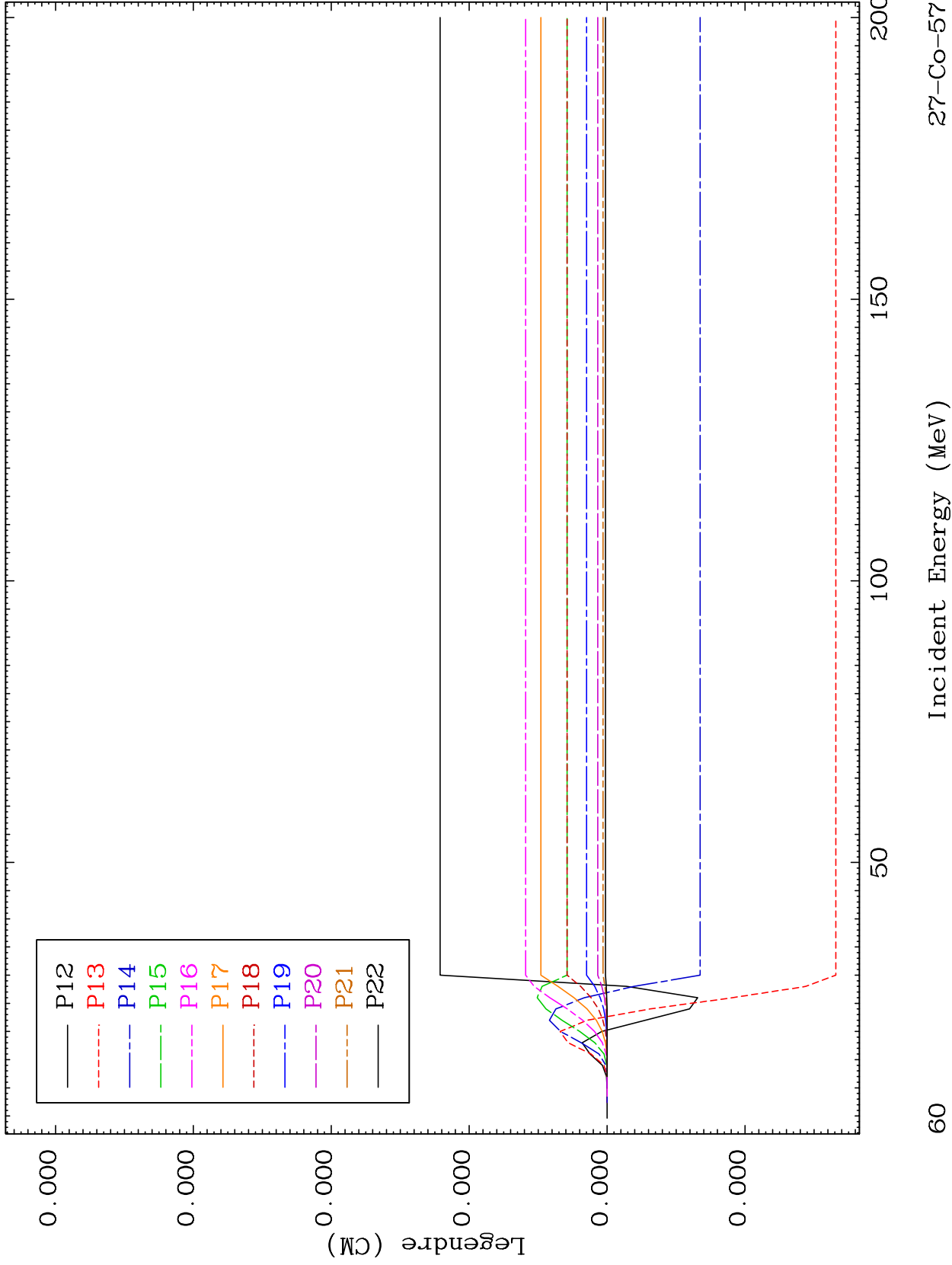
Incident Energy (MeV)

27-Co-57

MAT 2719

2.560 MeV (n,n') Level
Legendre Coefficients

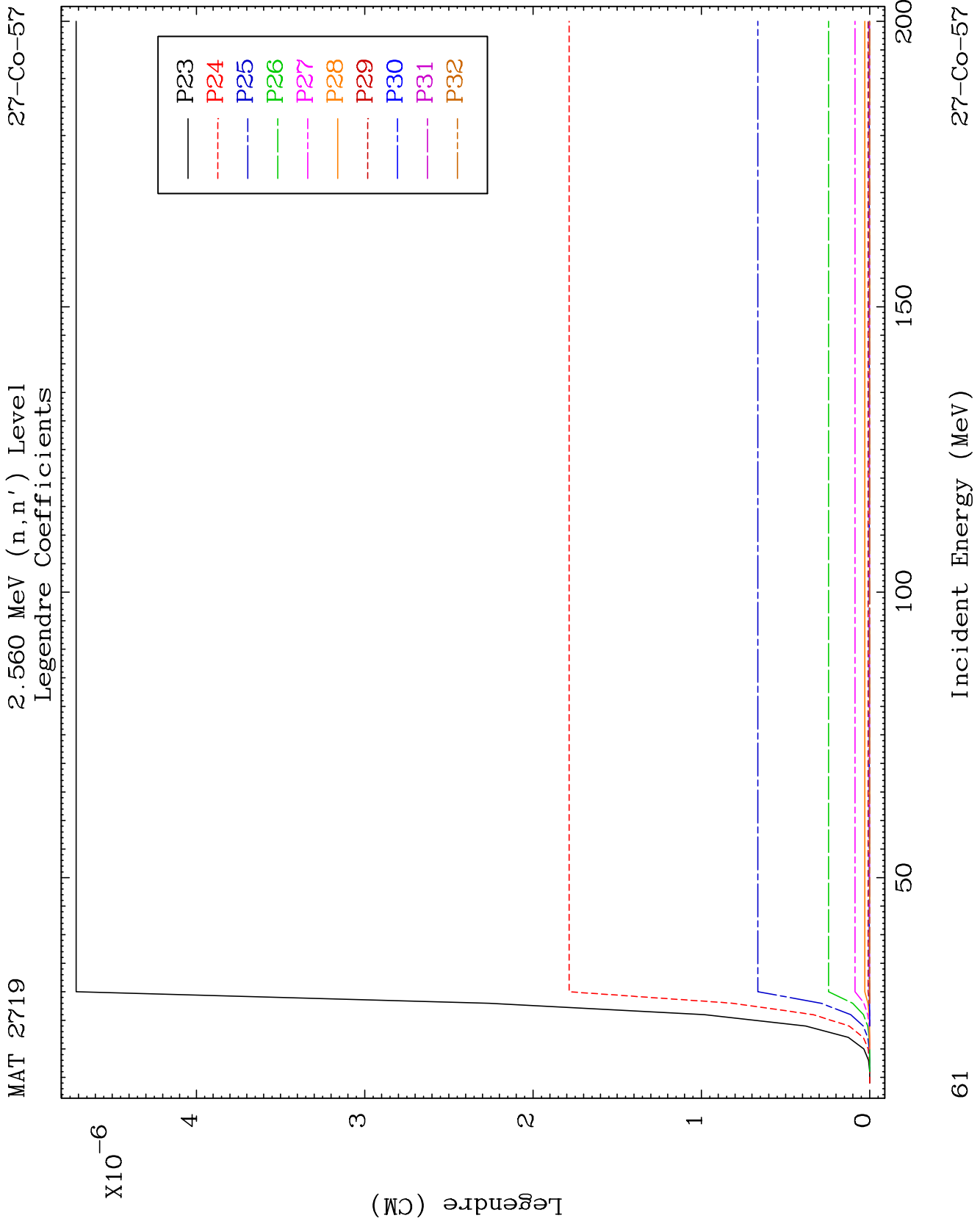
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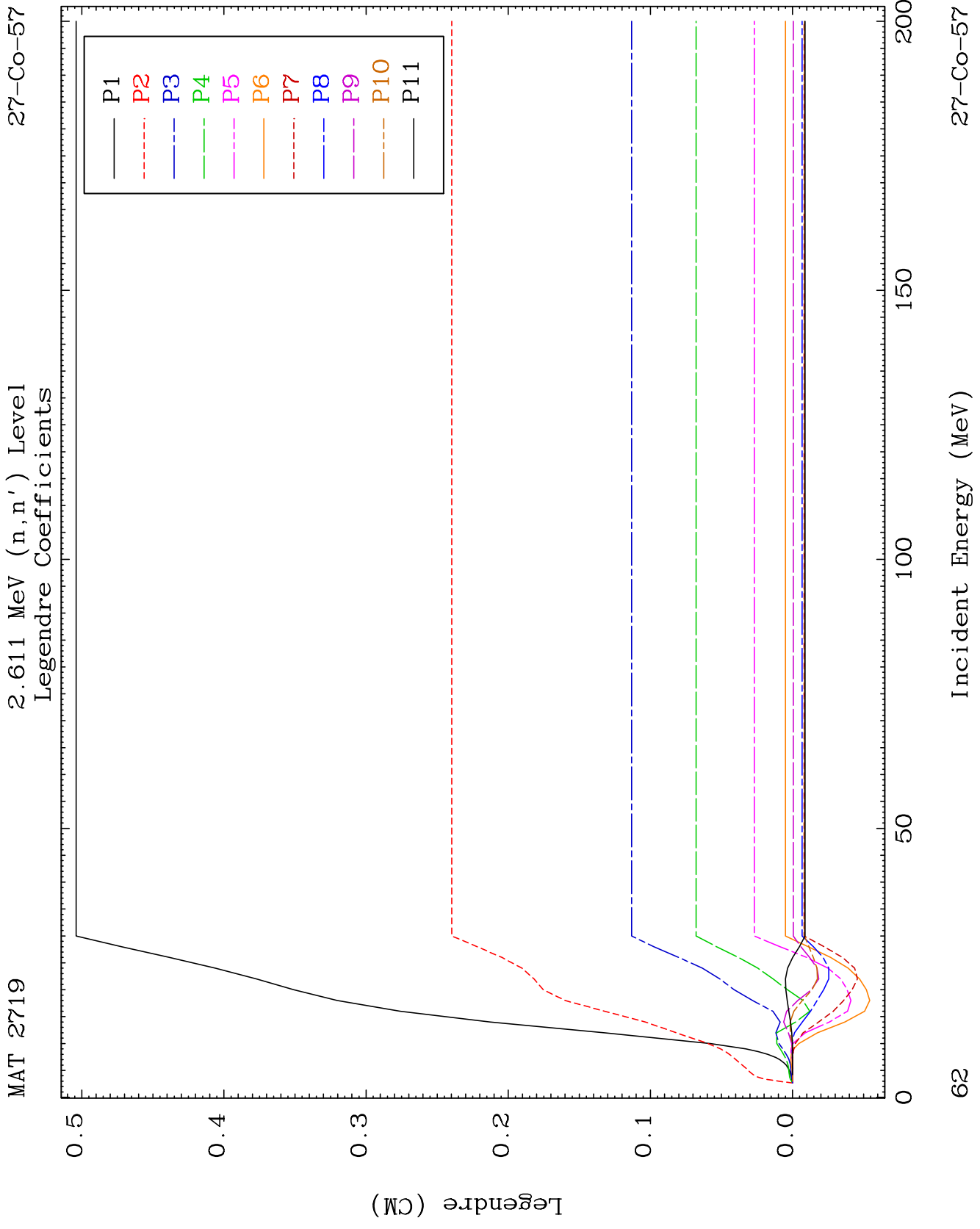


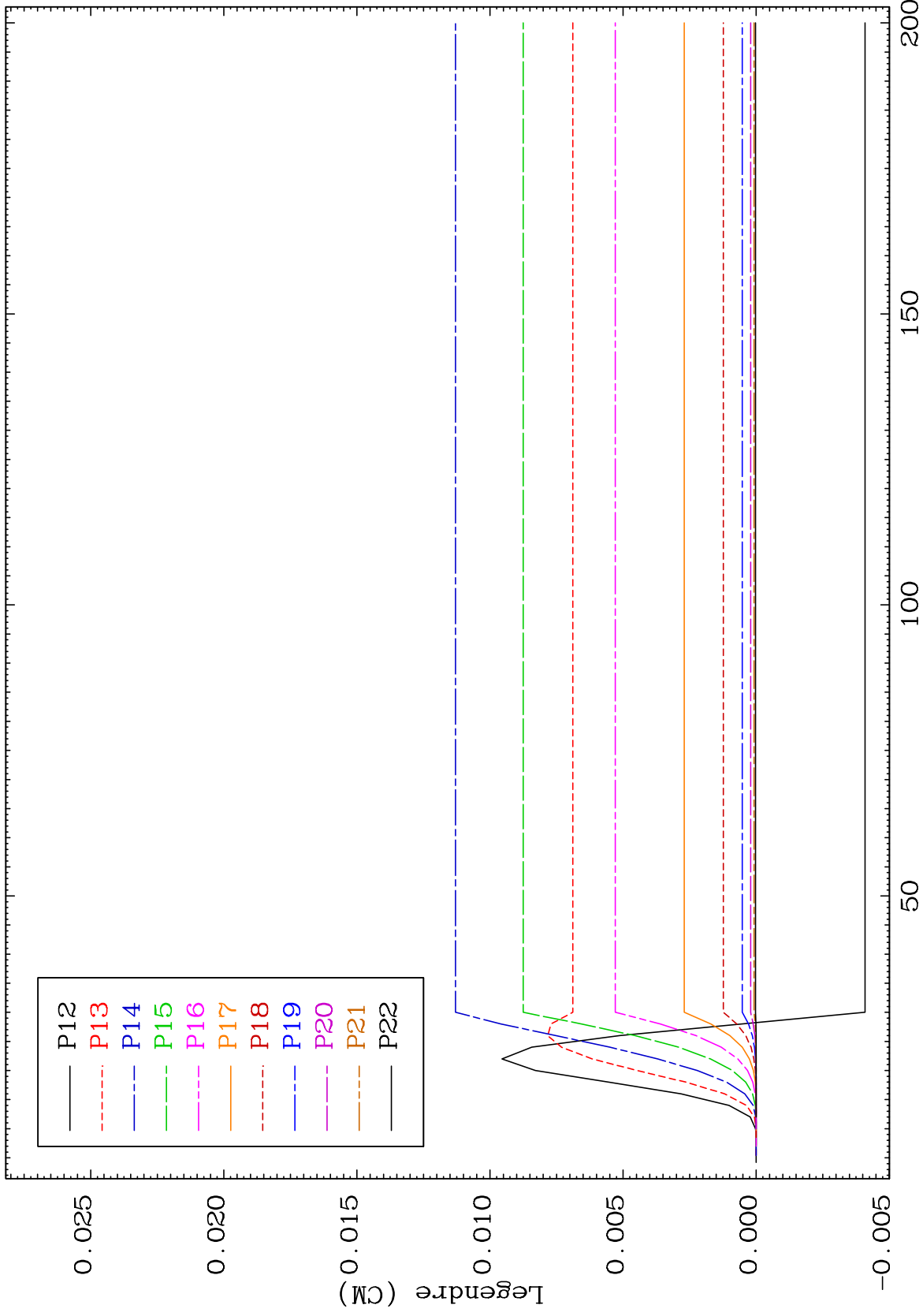
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Incident Energy (MeV)

27-Co-57



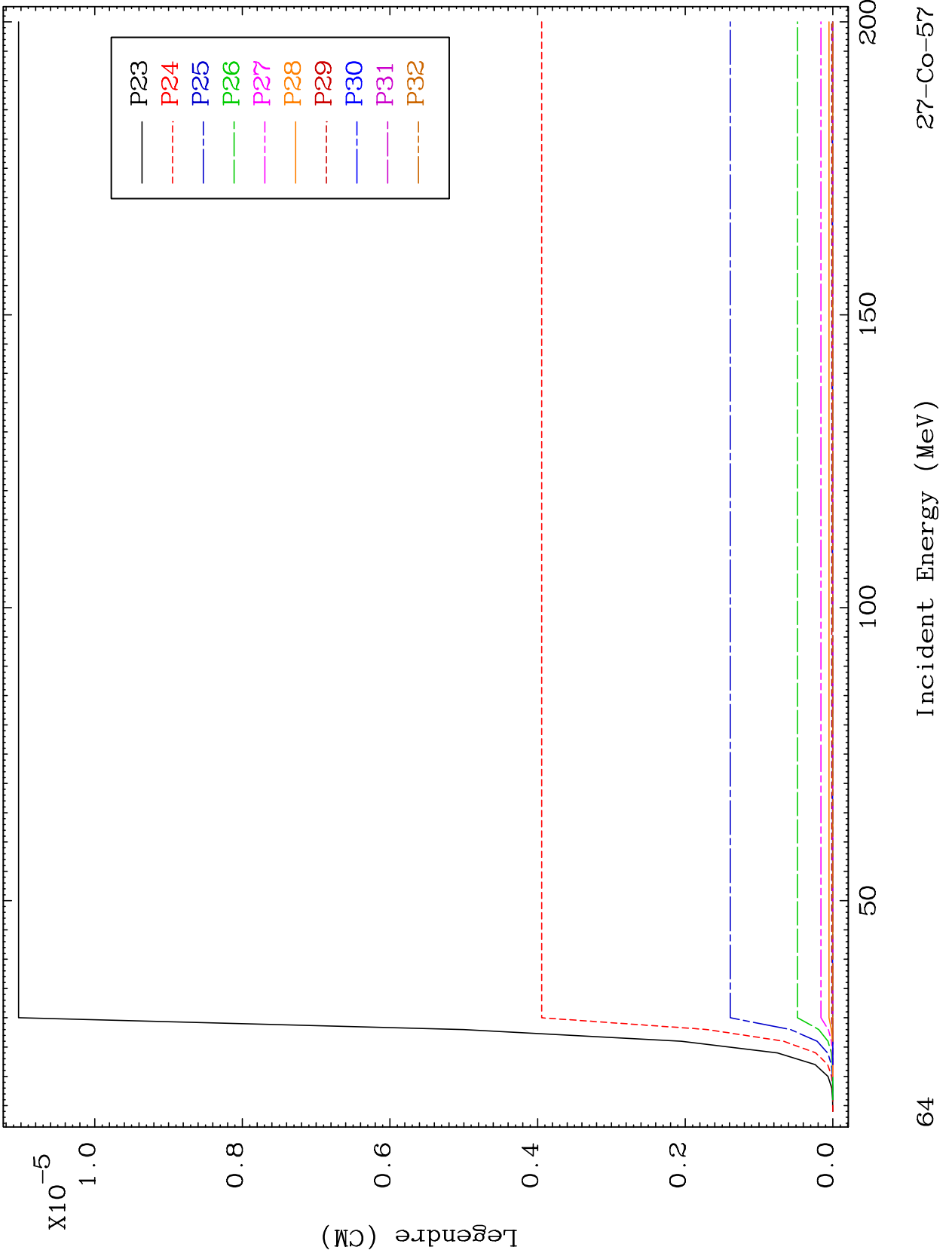




MAT 2719

2.611 MeV (n,n') Level
Legendre Coefficients

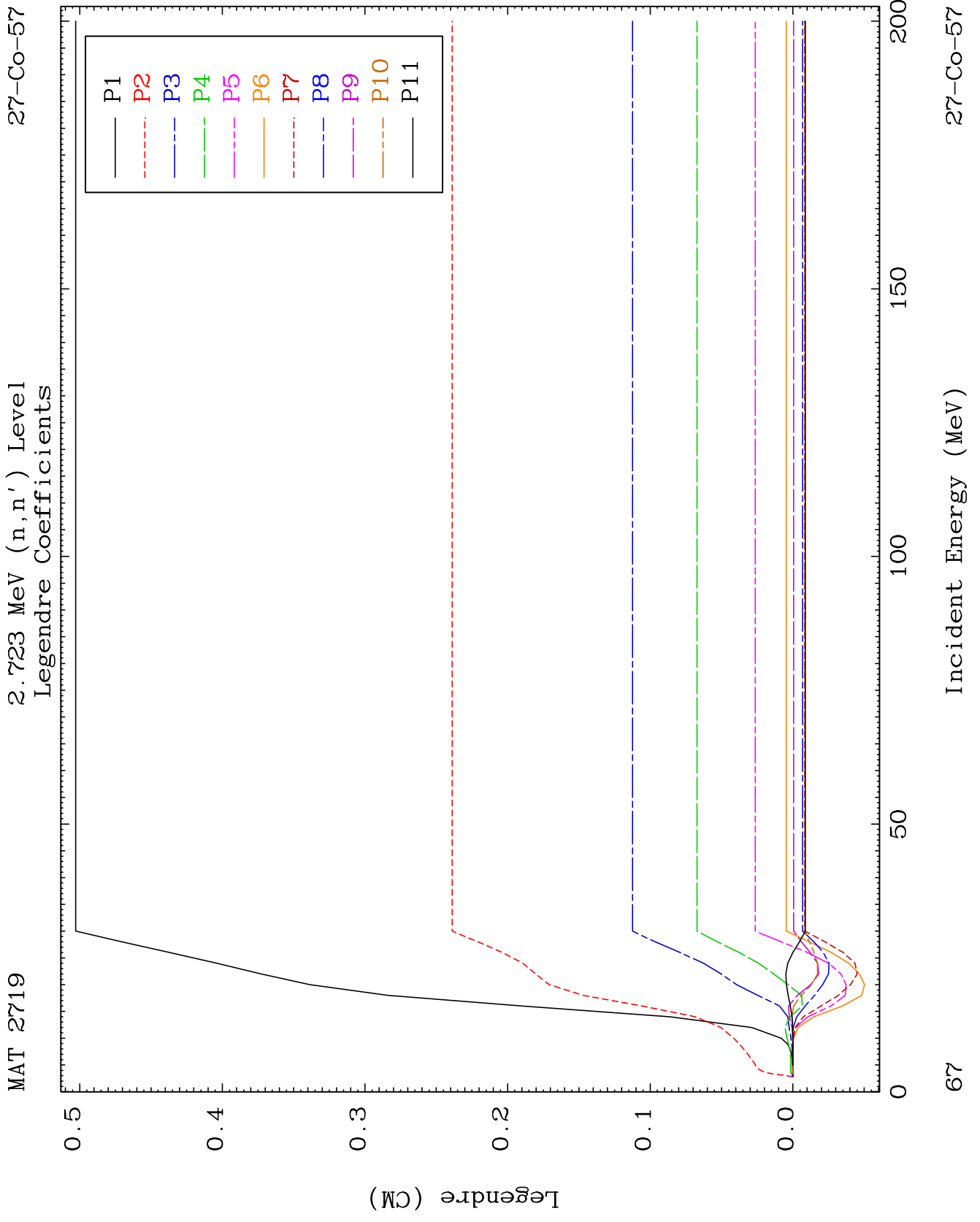
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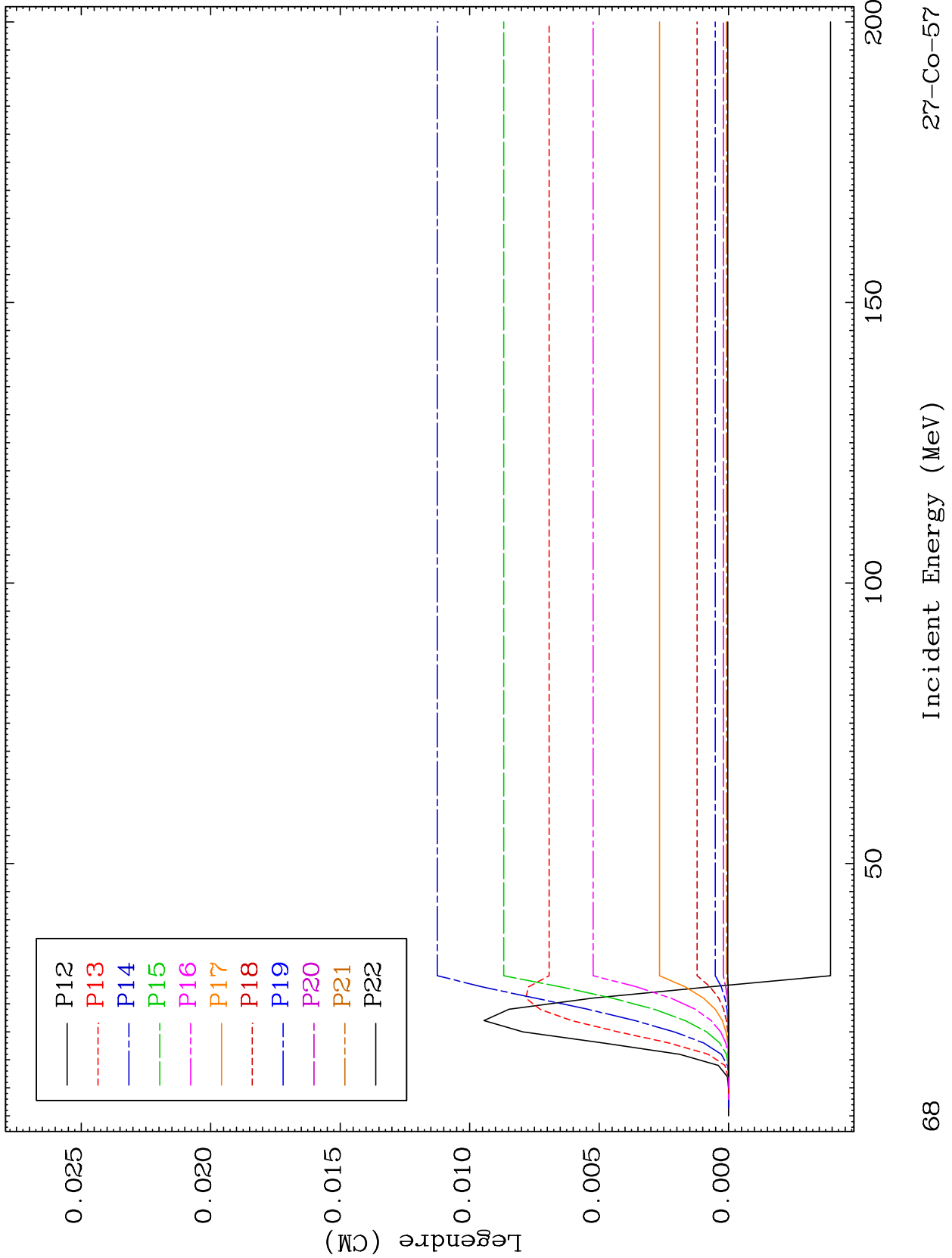


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Incident Energy (MeV)

27-Co-57

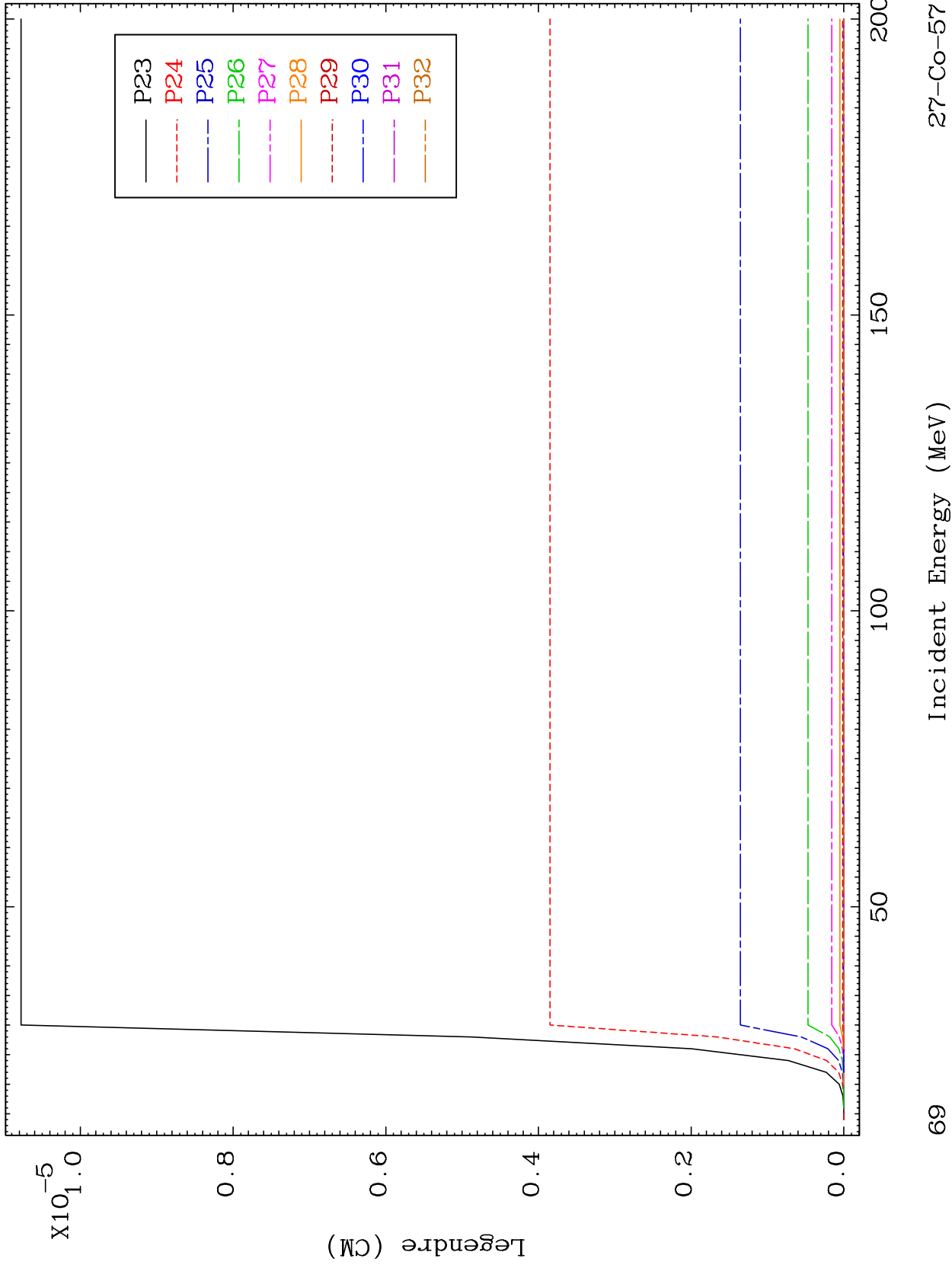


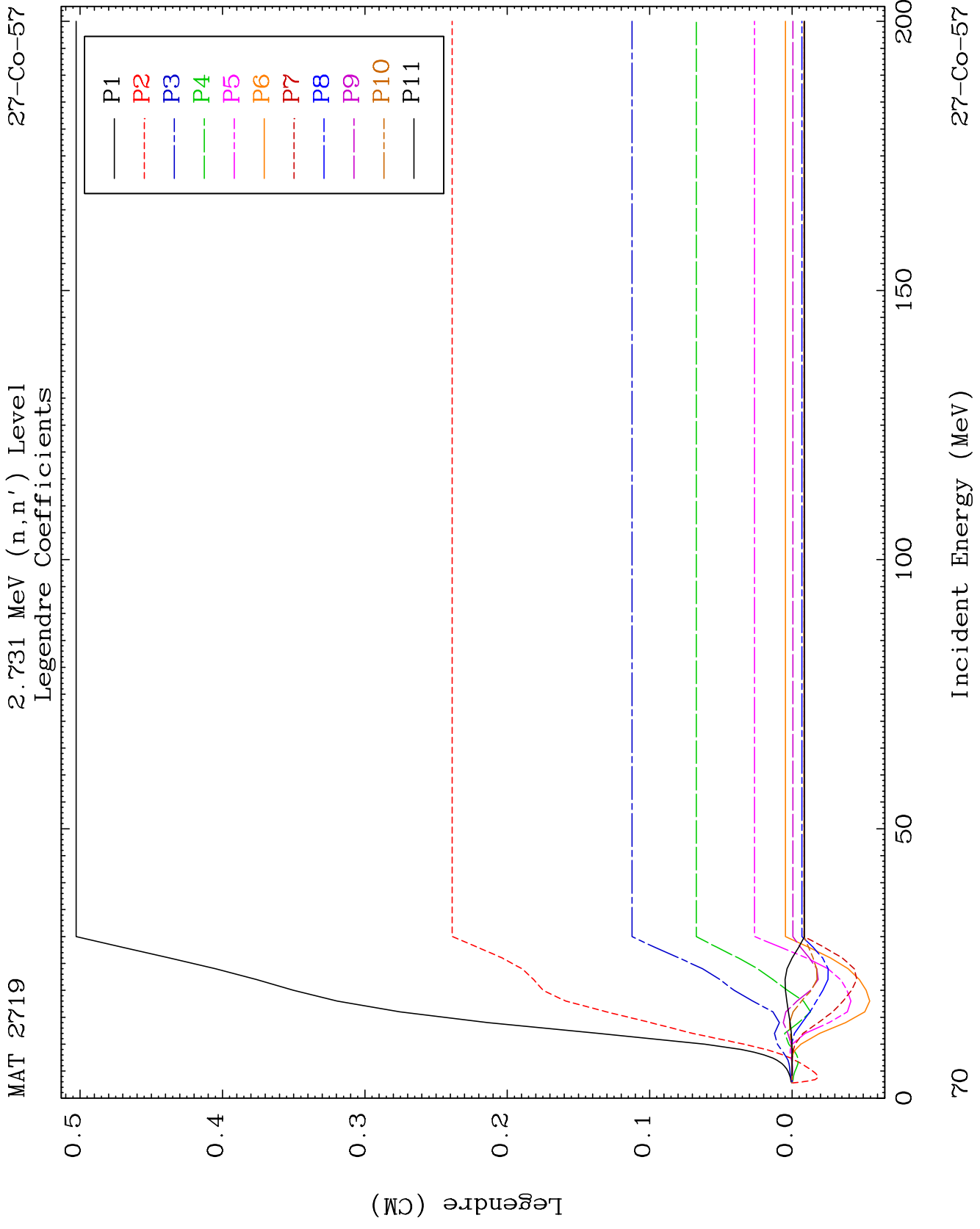


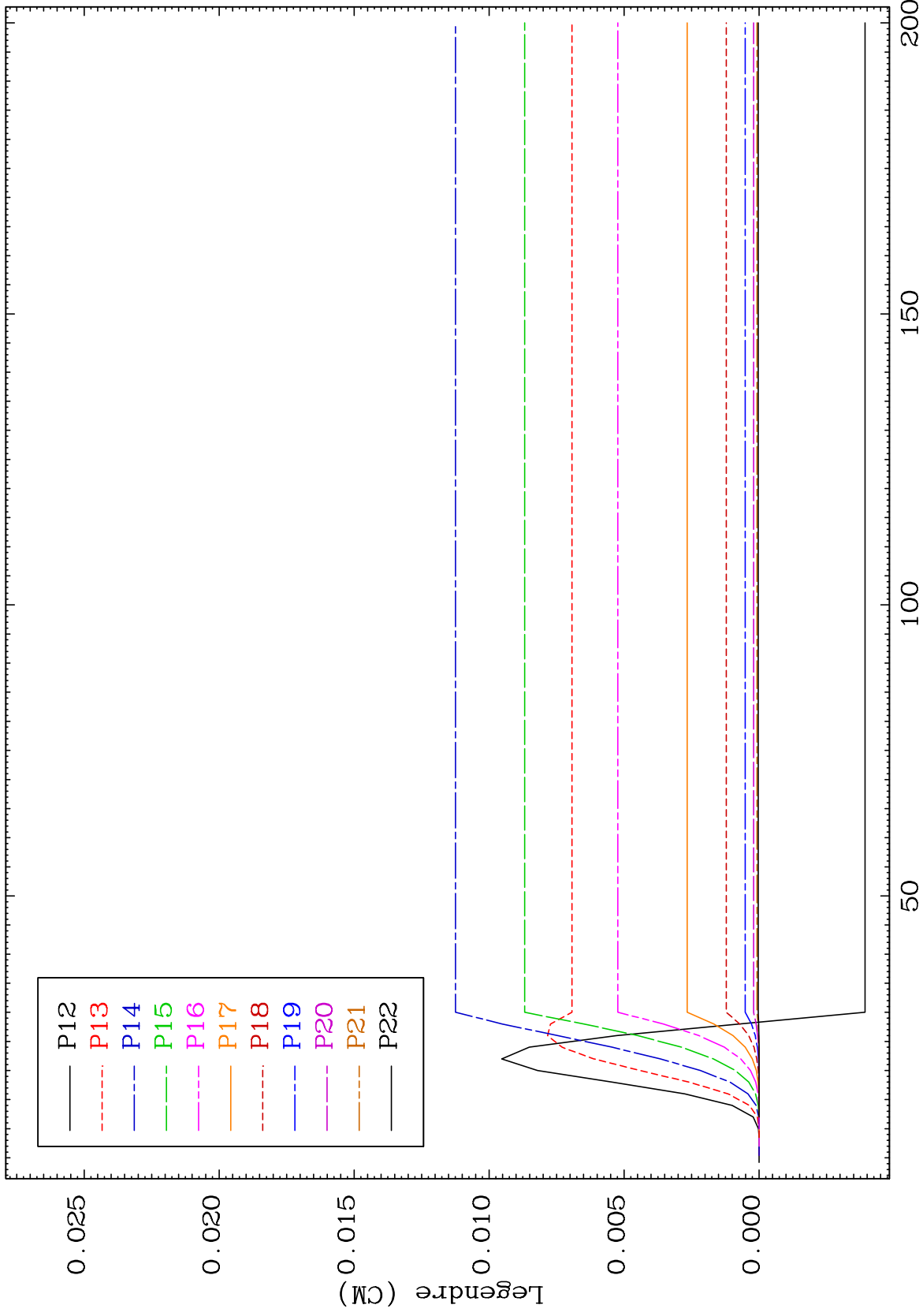
MAT 2719

2.723 MeV (n,n') Level
Legendre Coefficients

27-Co-57



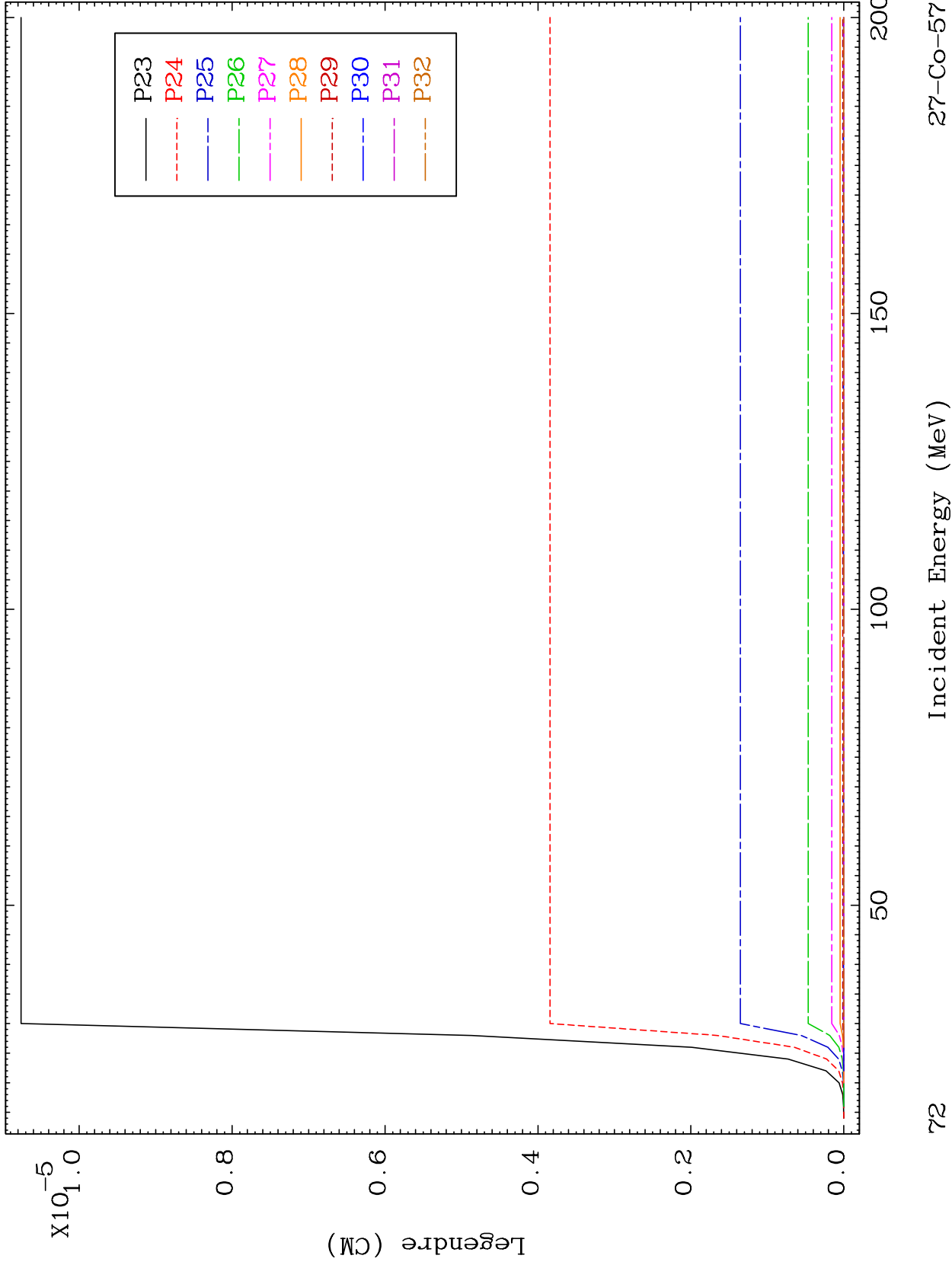




MAT 2719

2.731 MeV (n,n') Level
Legendre Coefficients

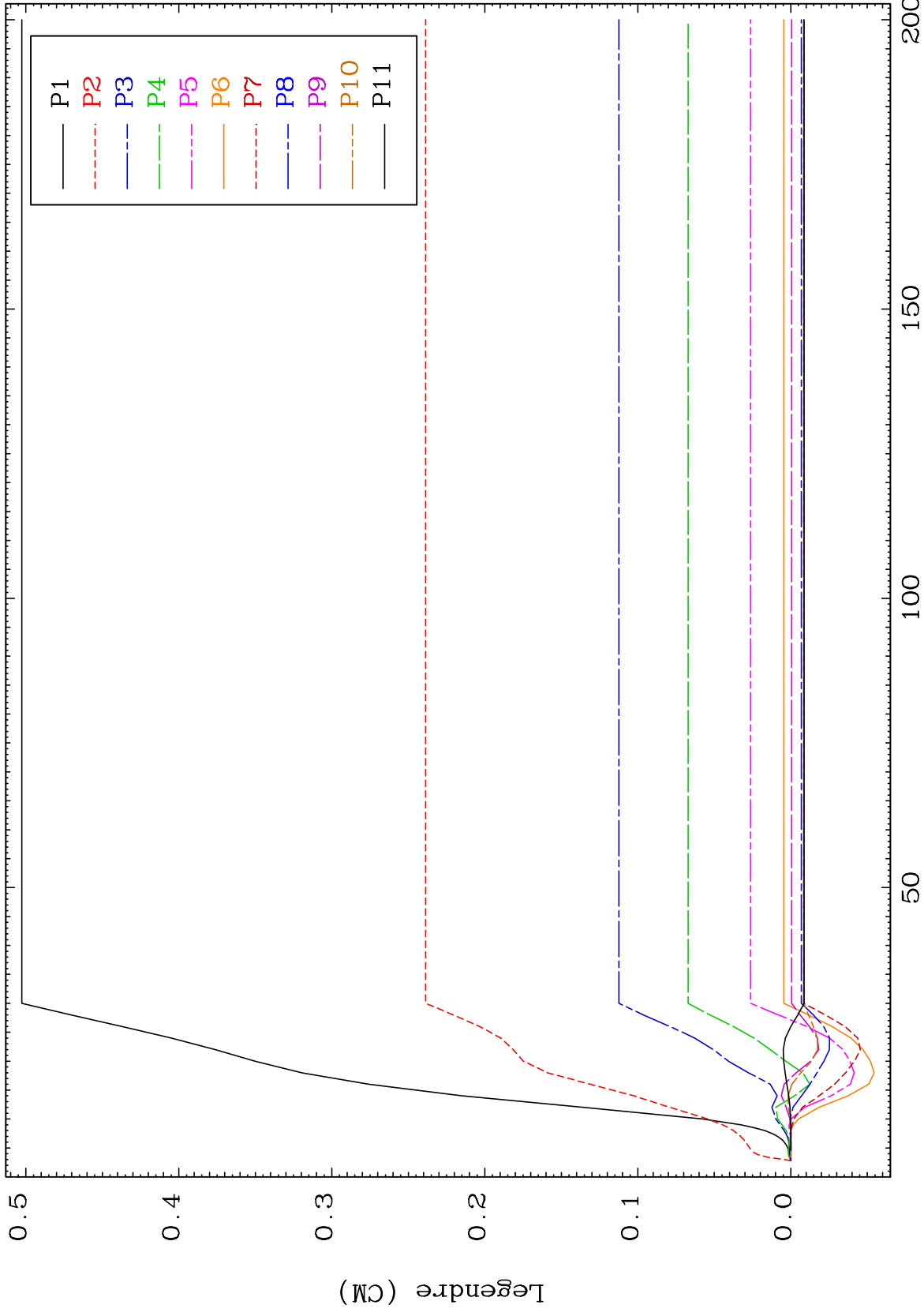
27-Co-57



MAT 2719

2.743 MeV (n,n') Level
Legendre Coefficients

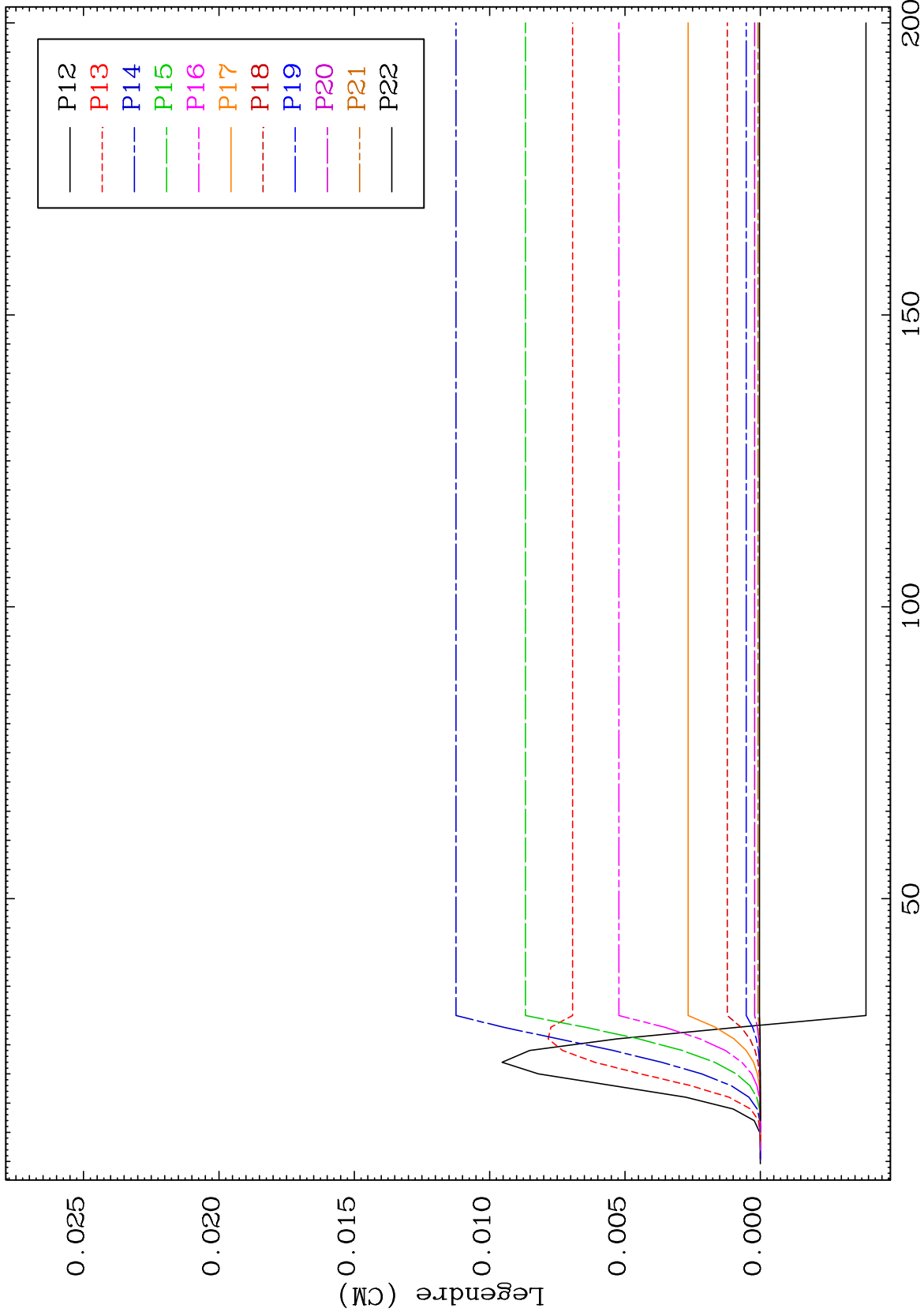
27-Co-57



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Incident Energy (MeV)

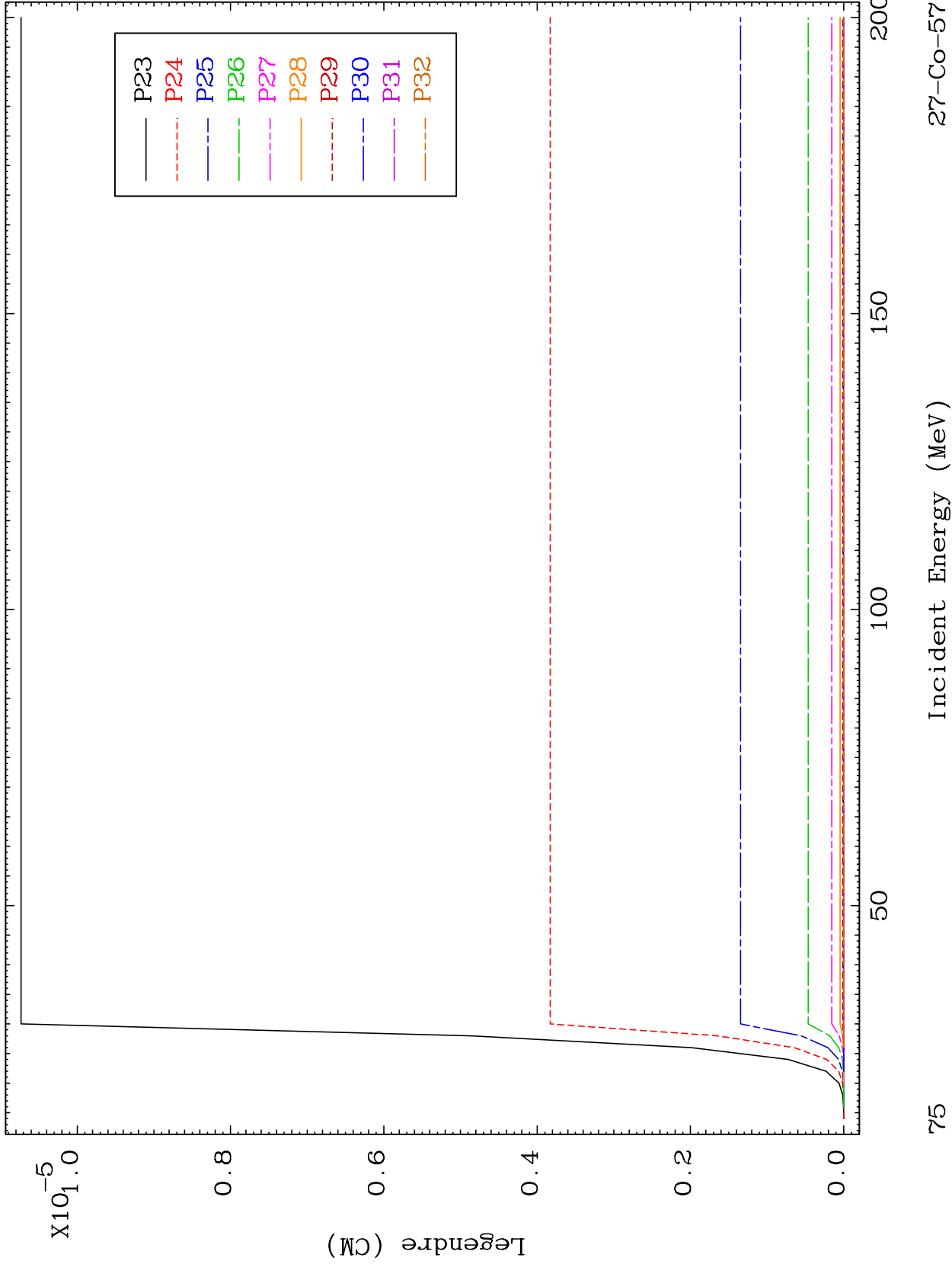
27-Co-57



MAT 2719

2.743 MeV (n,n') Level
Legendre Coefficients

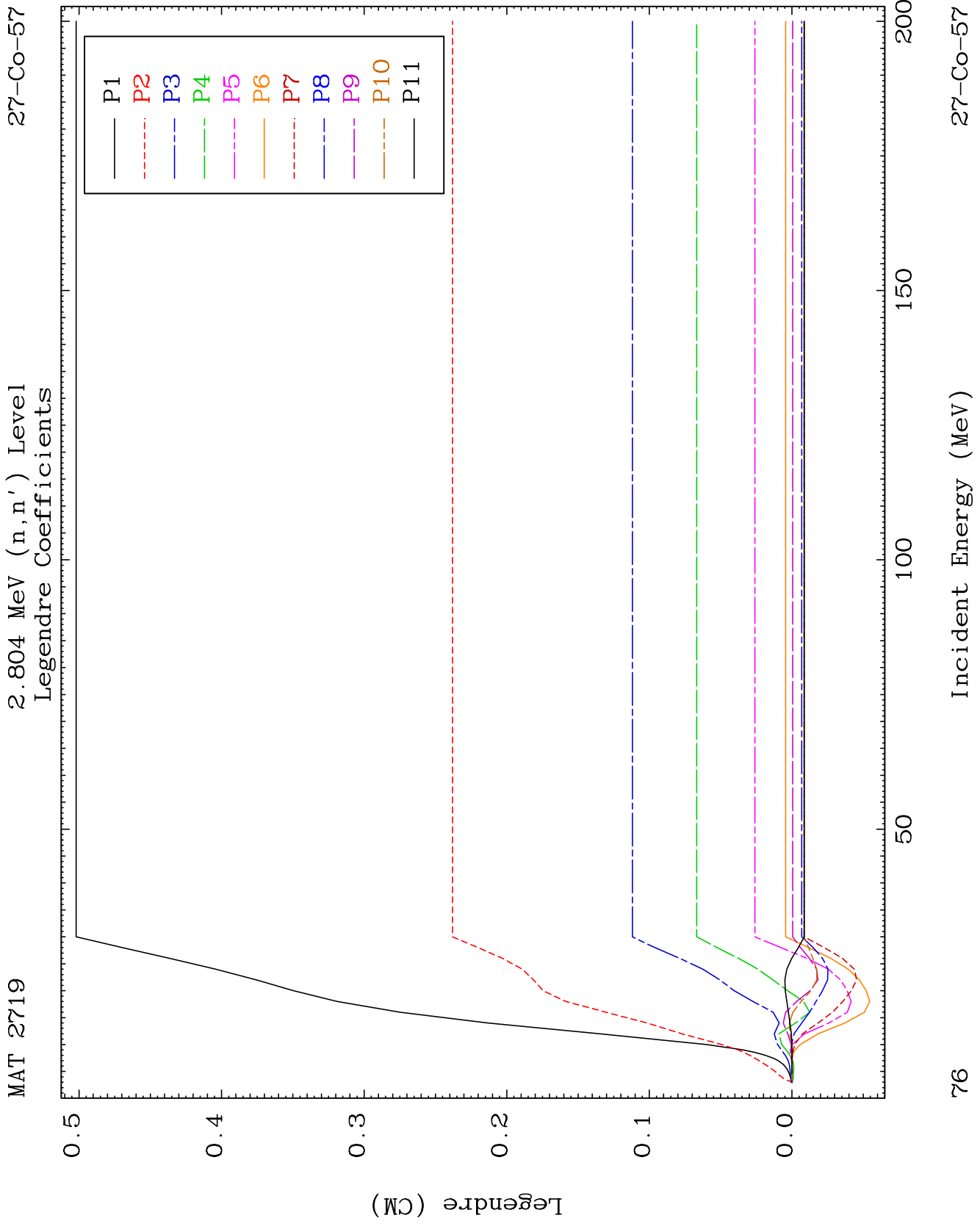
27-Co-57

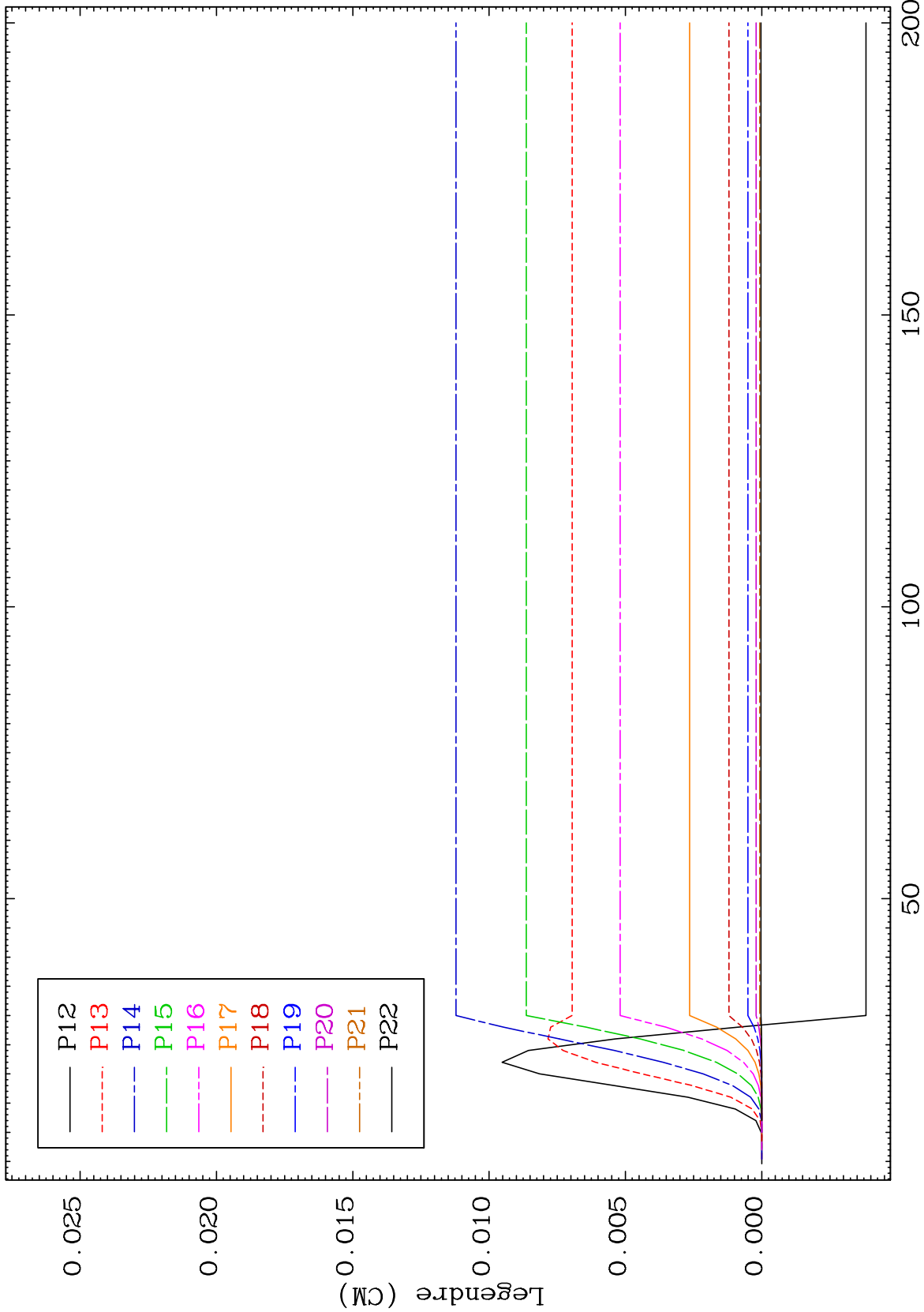


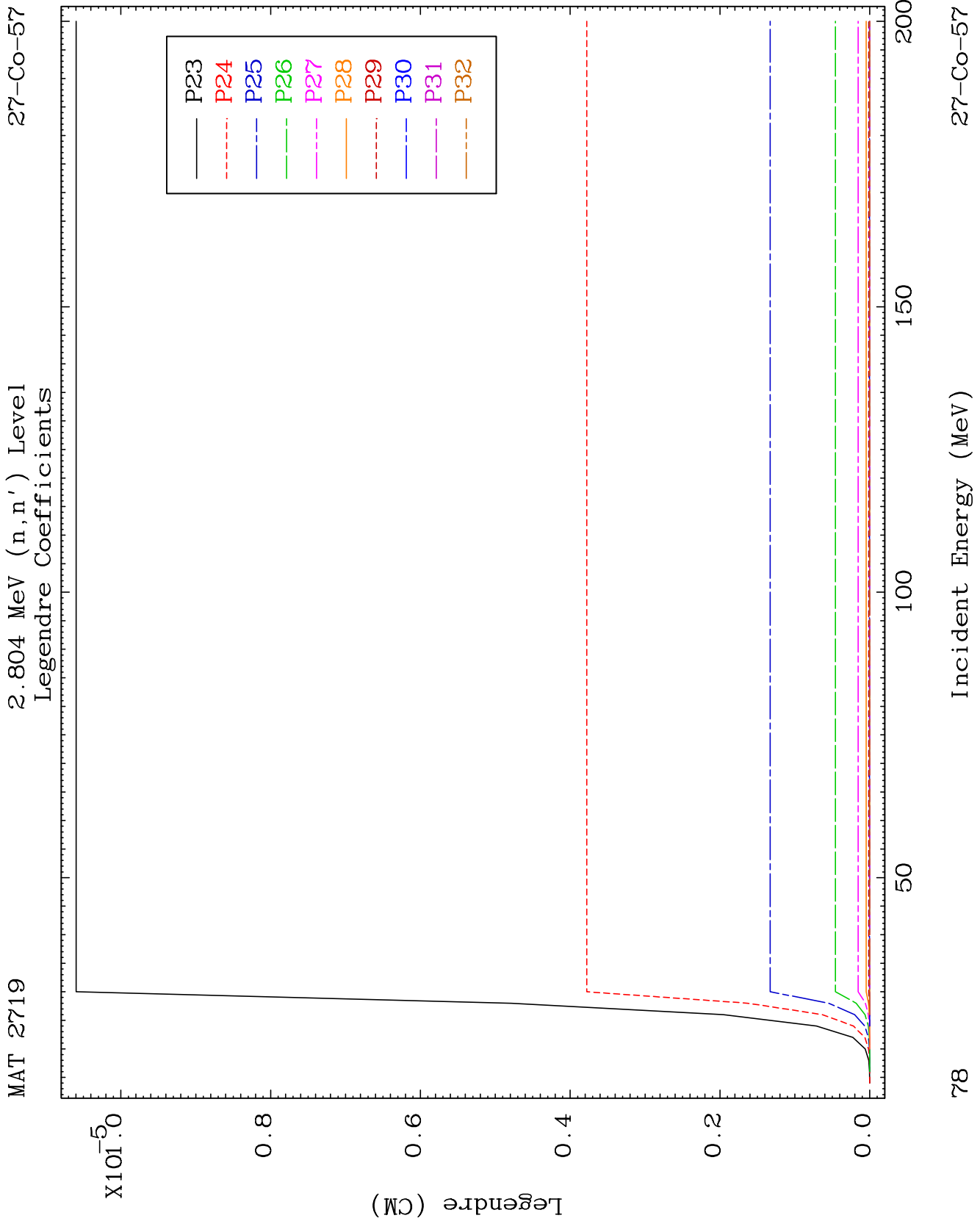
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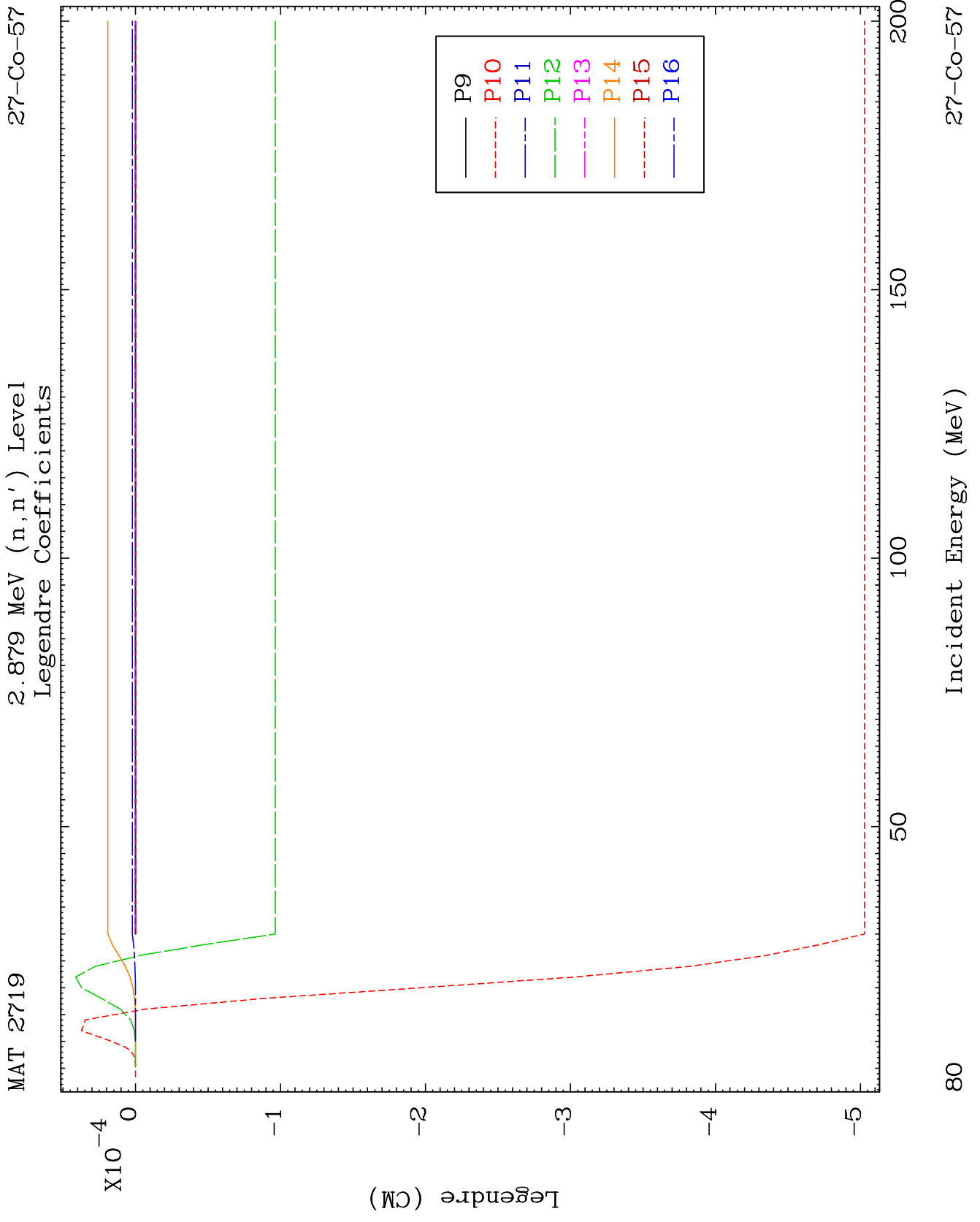
Incident Energy (MeV)

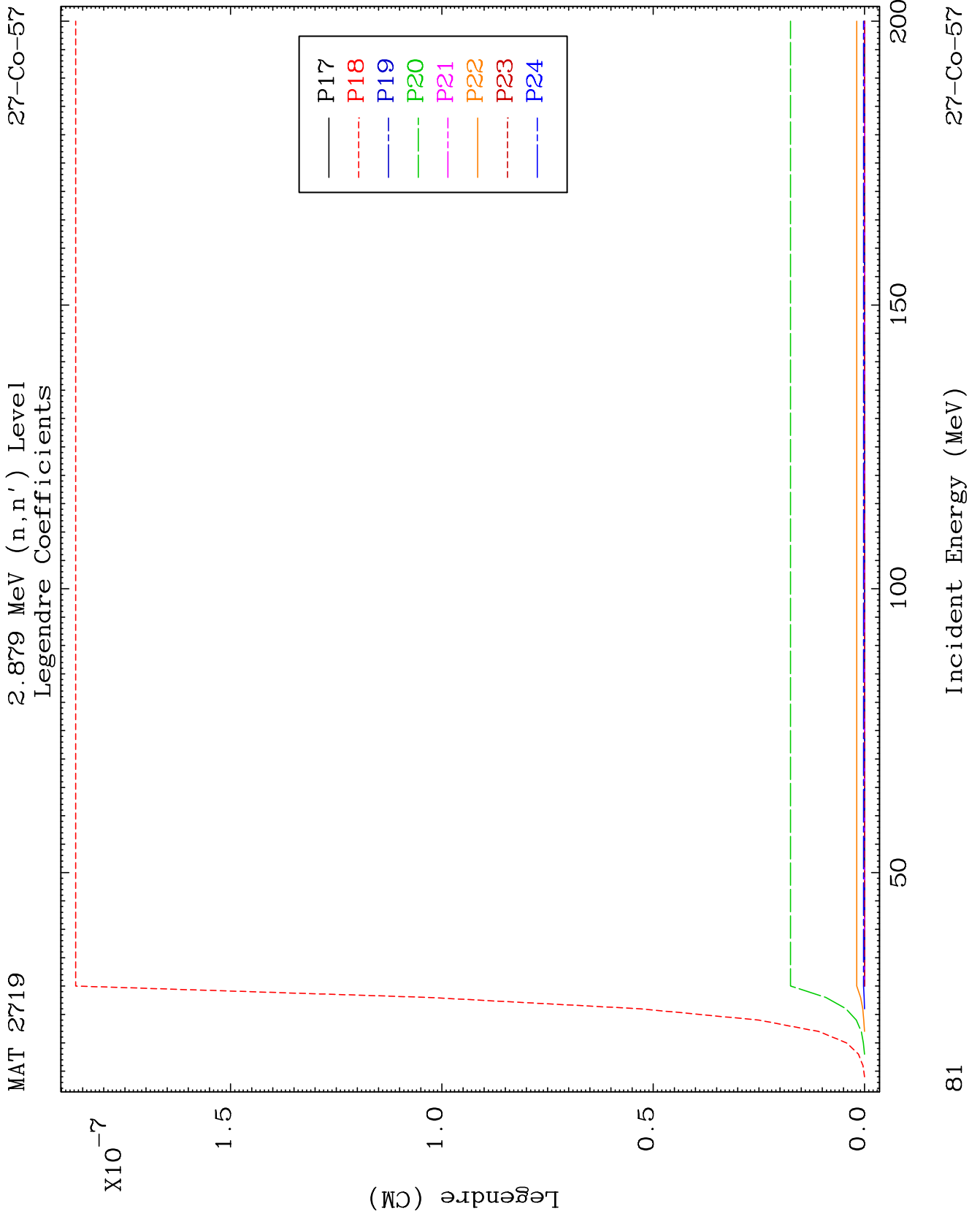
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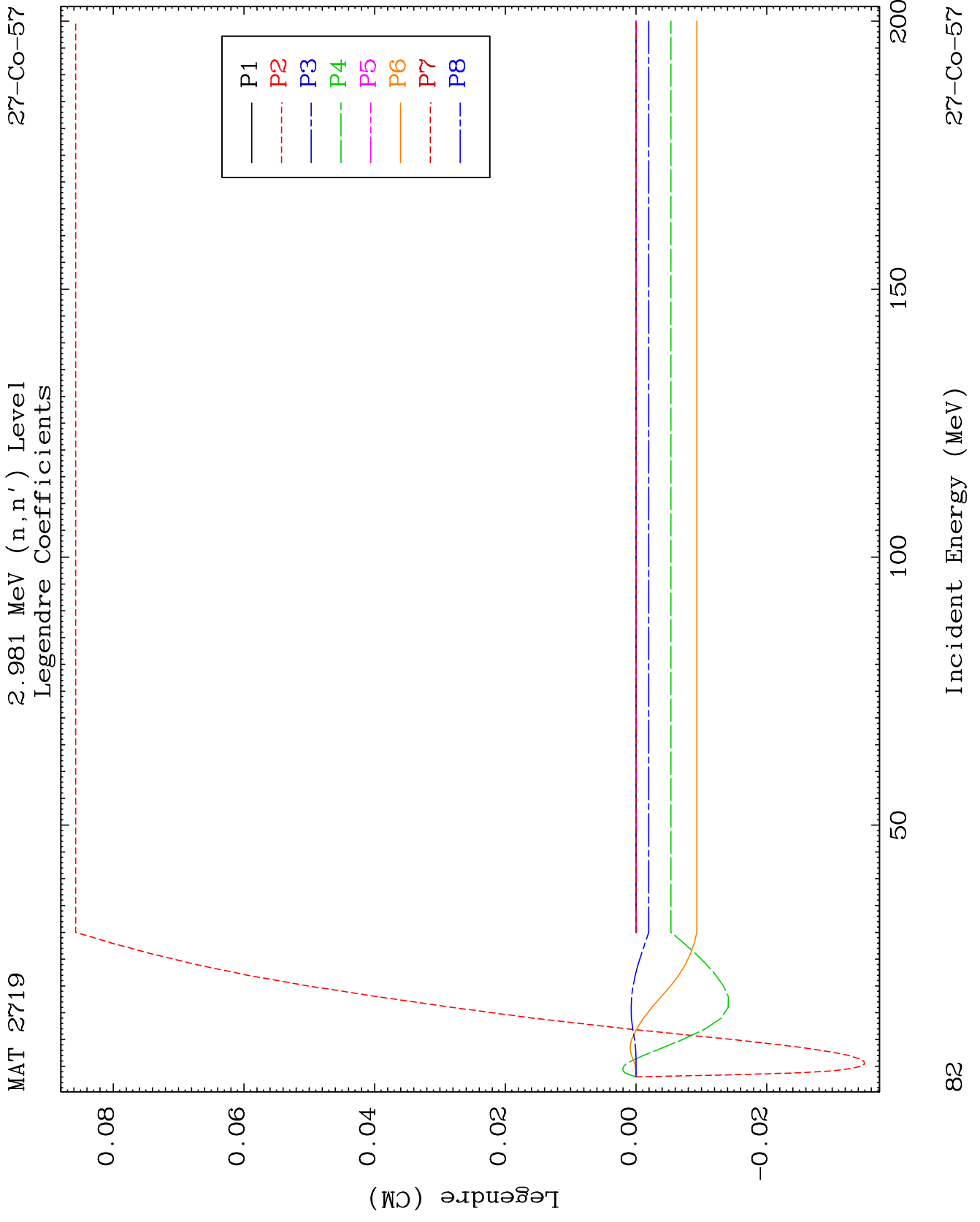


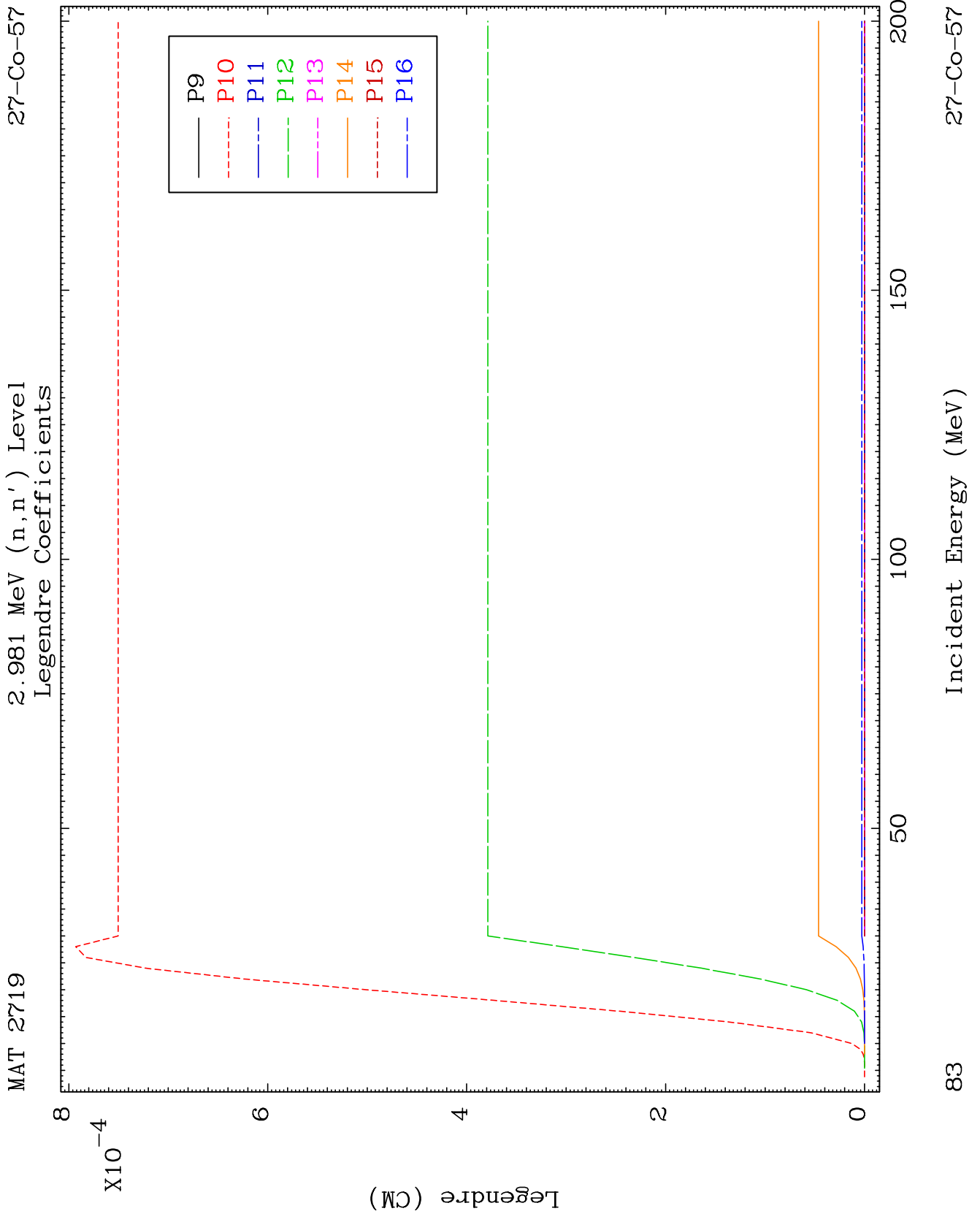


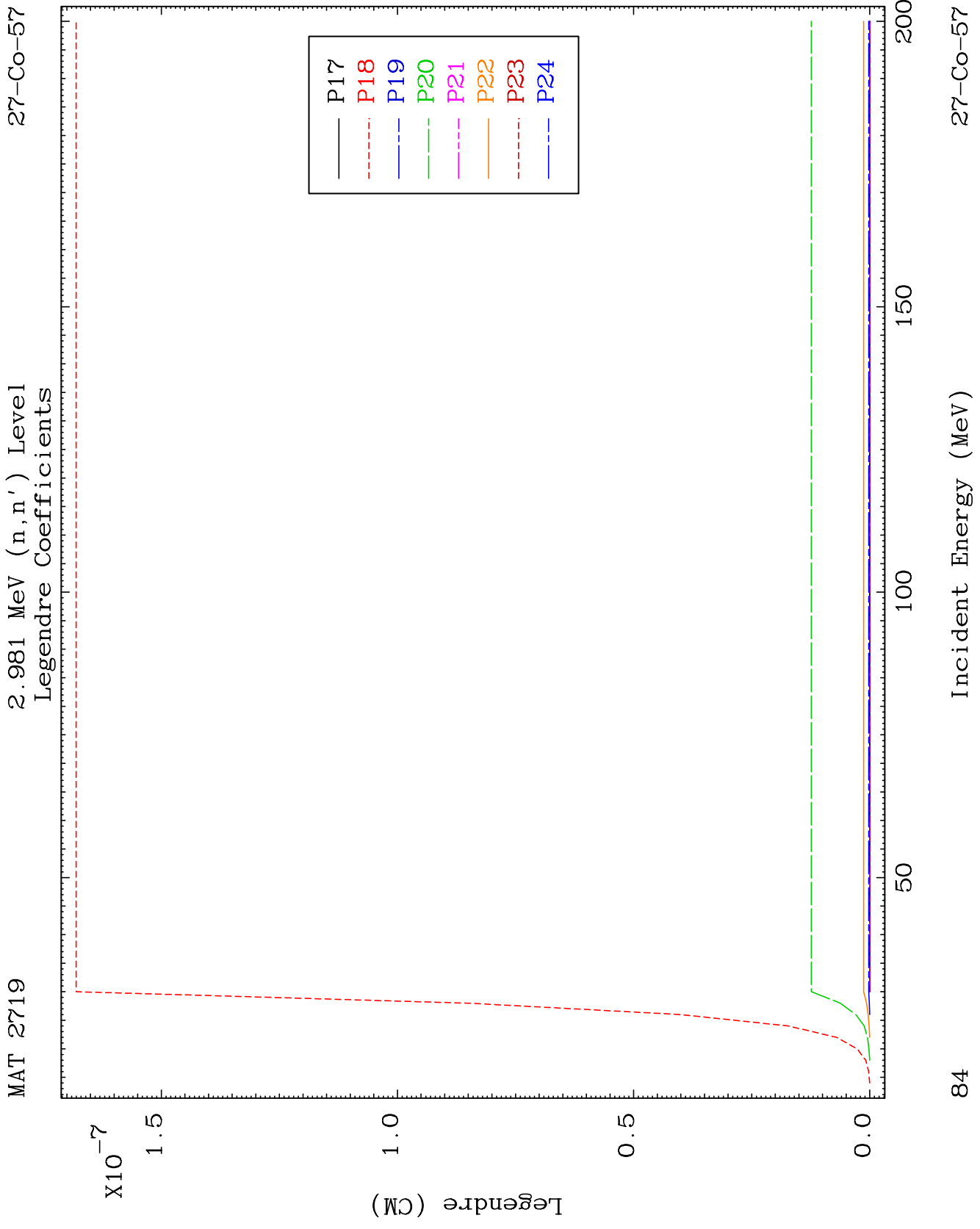


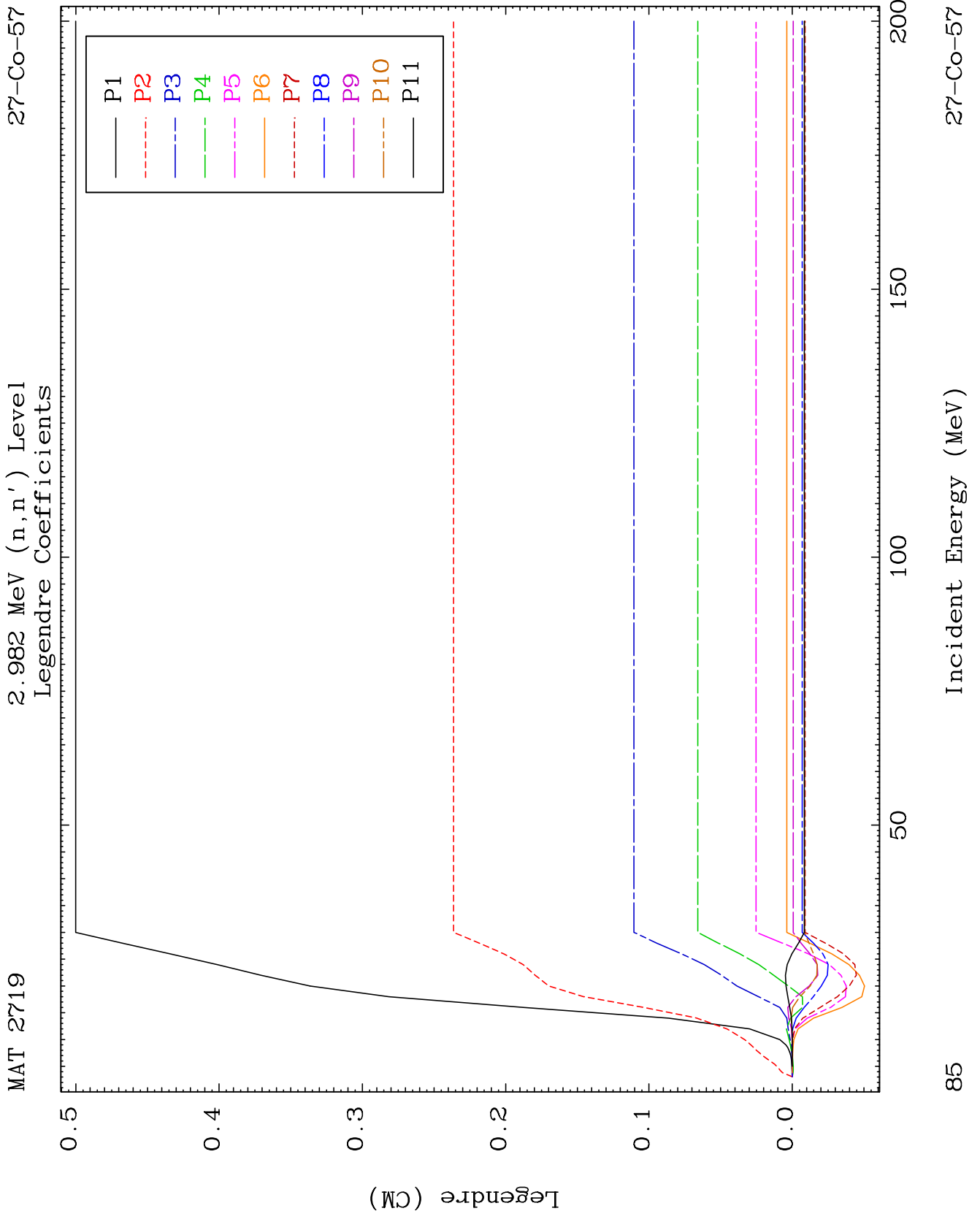


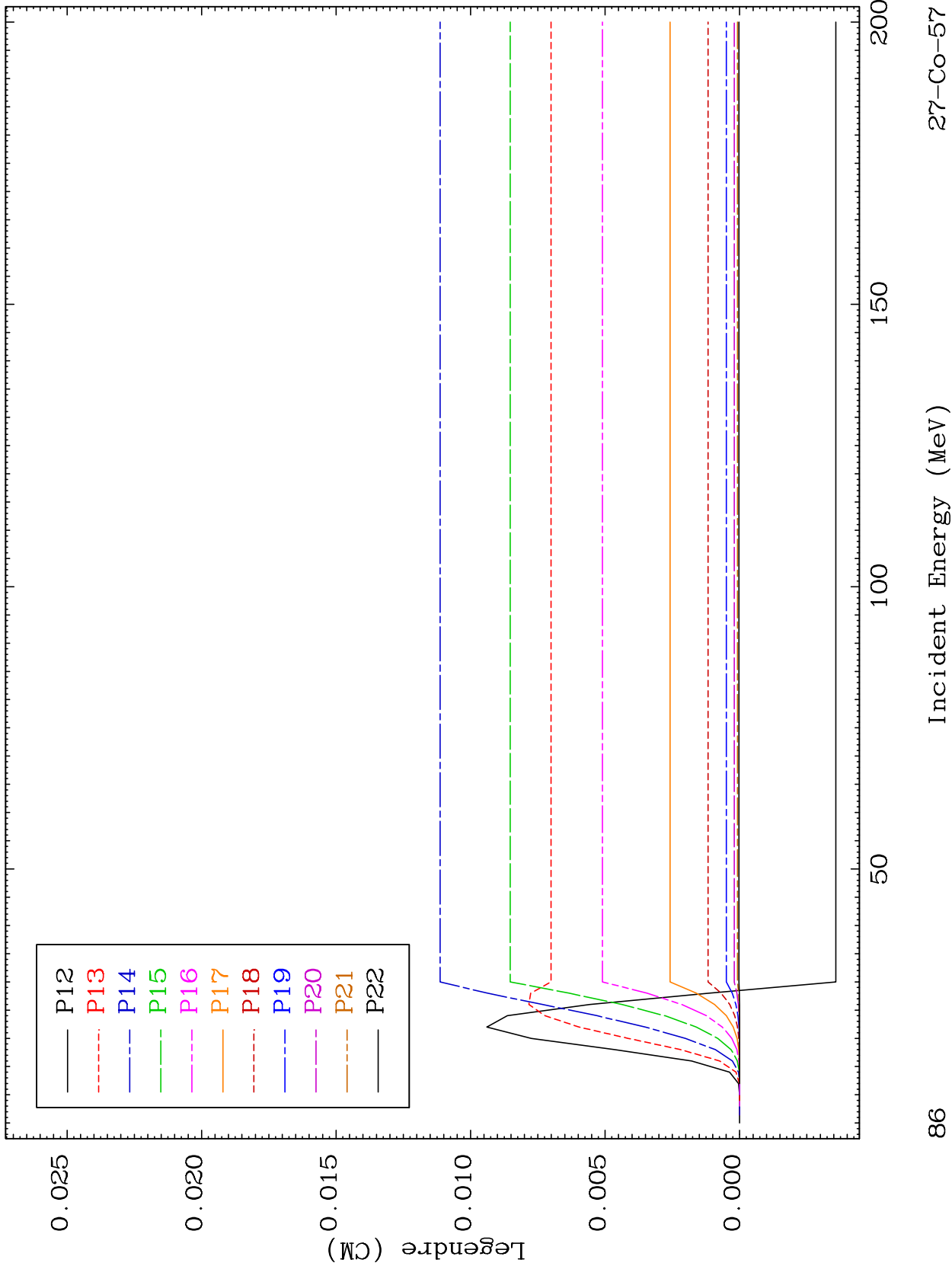


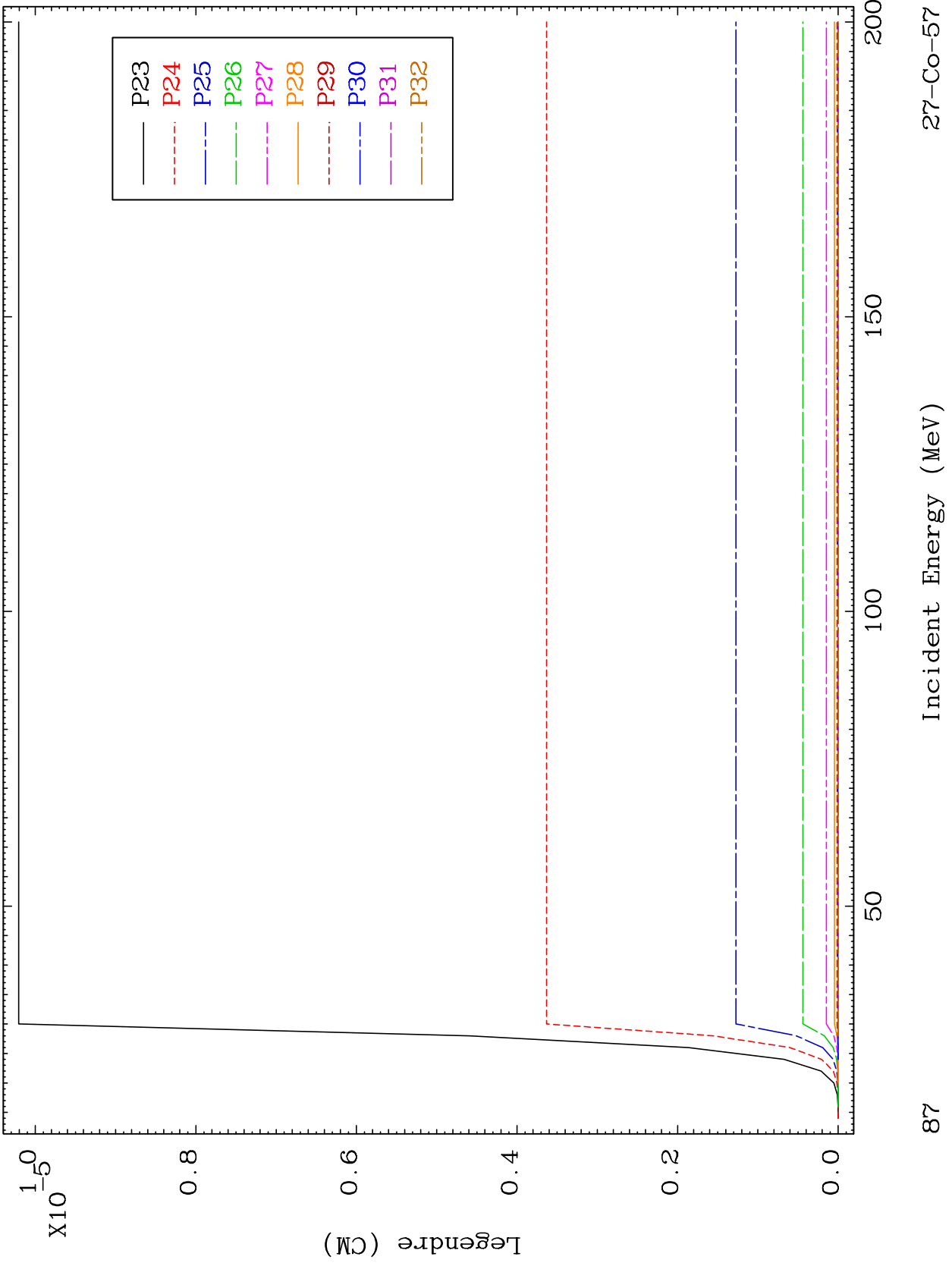


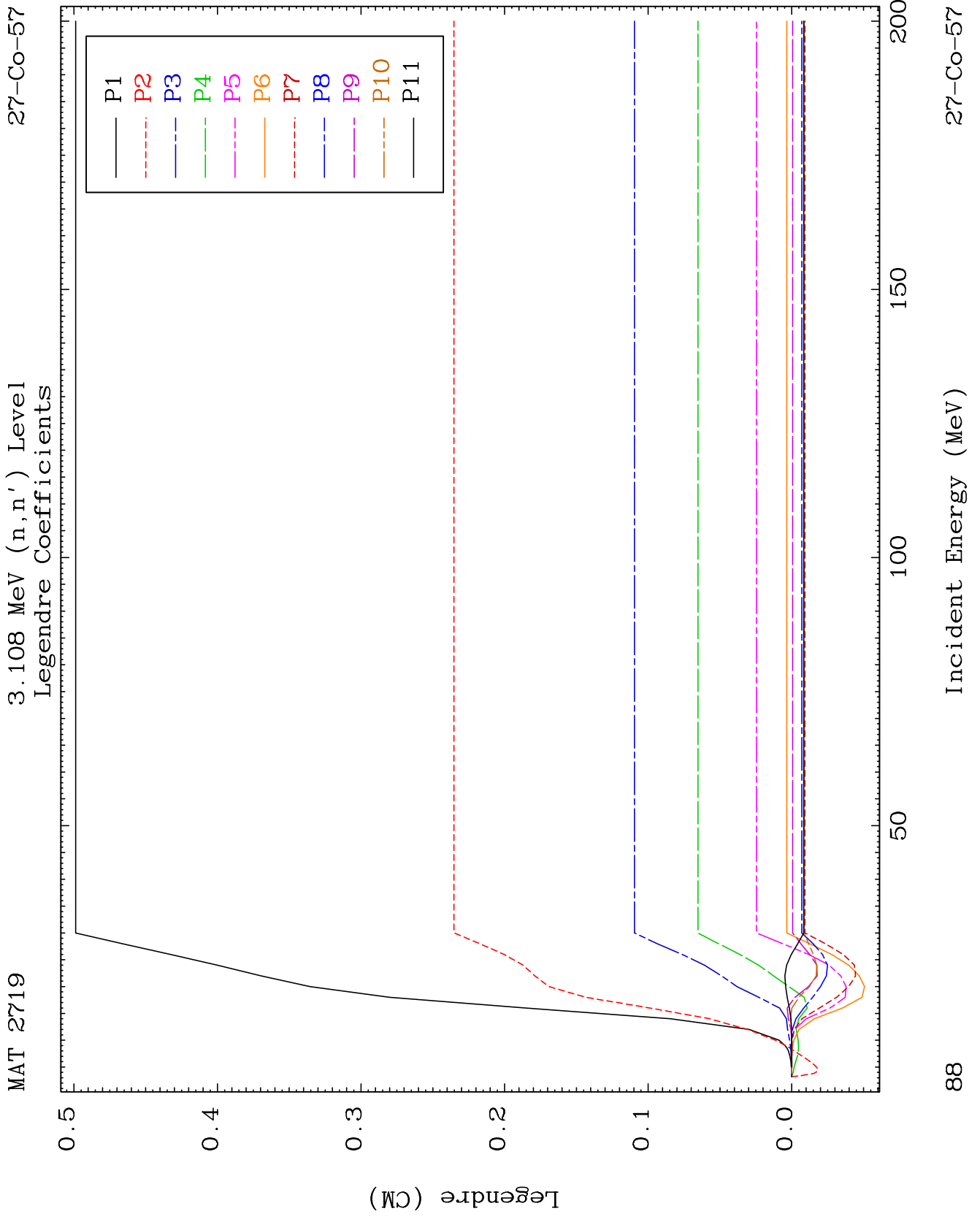


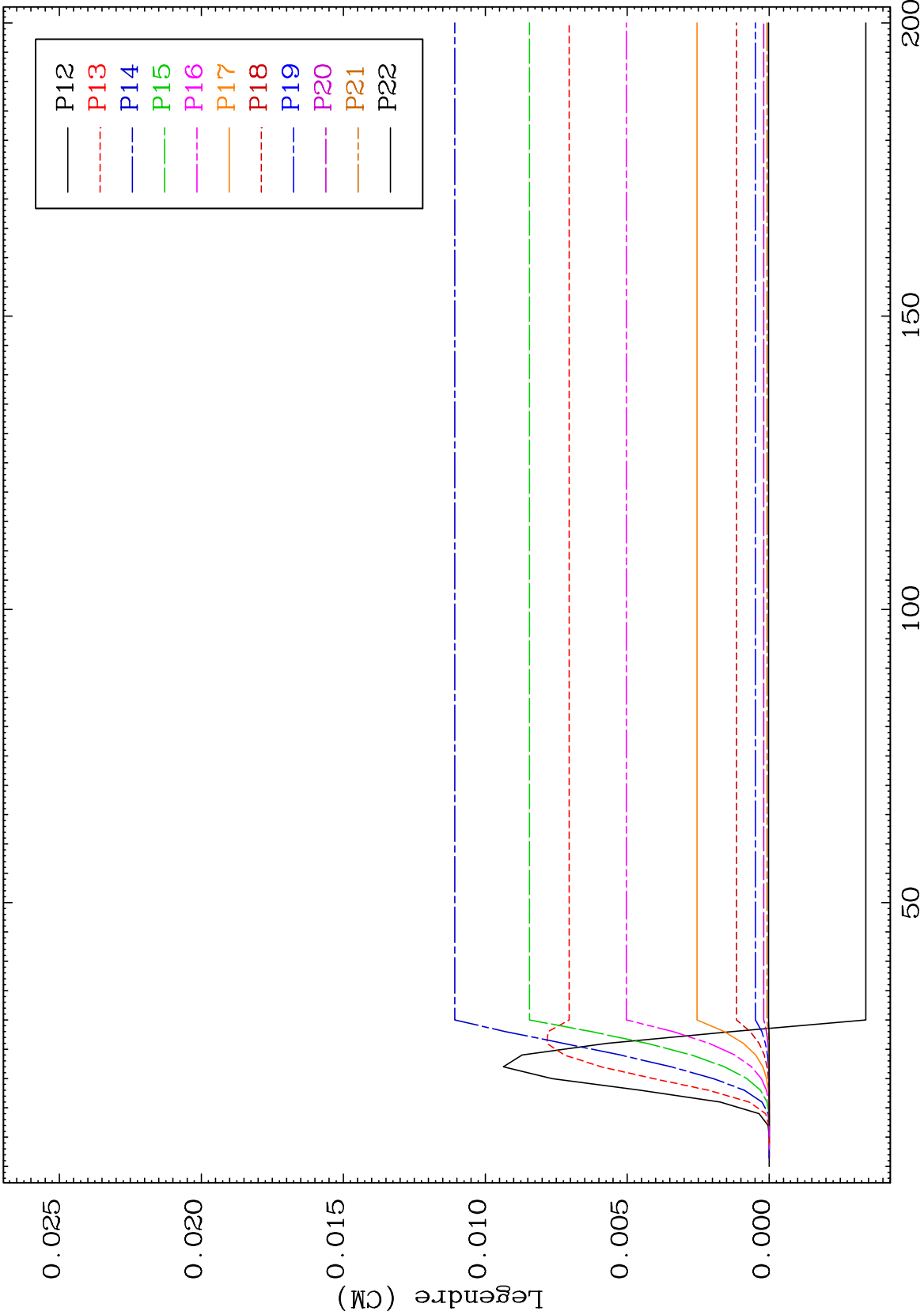


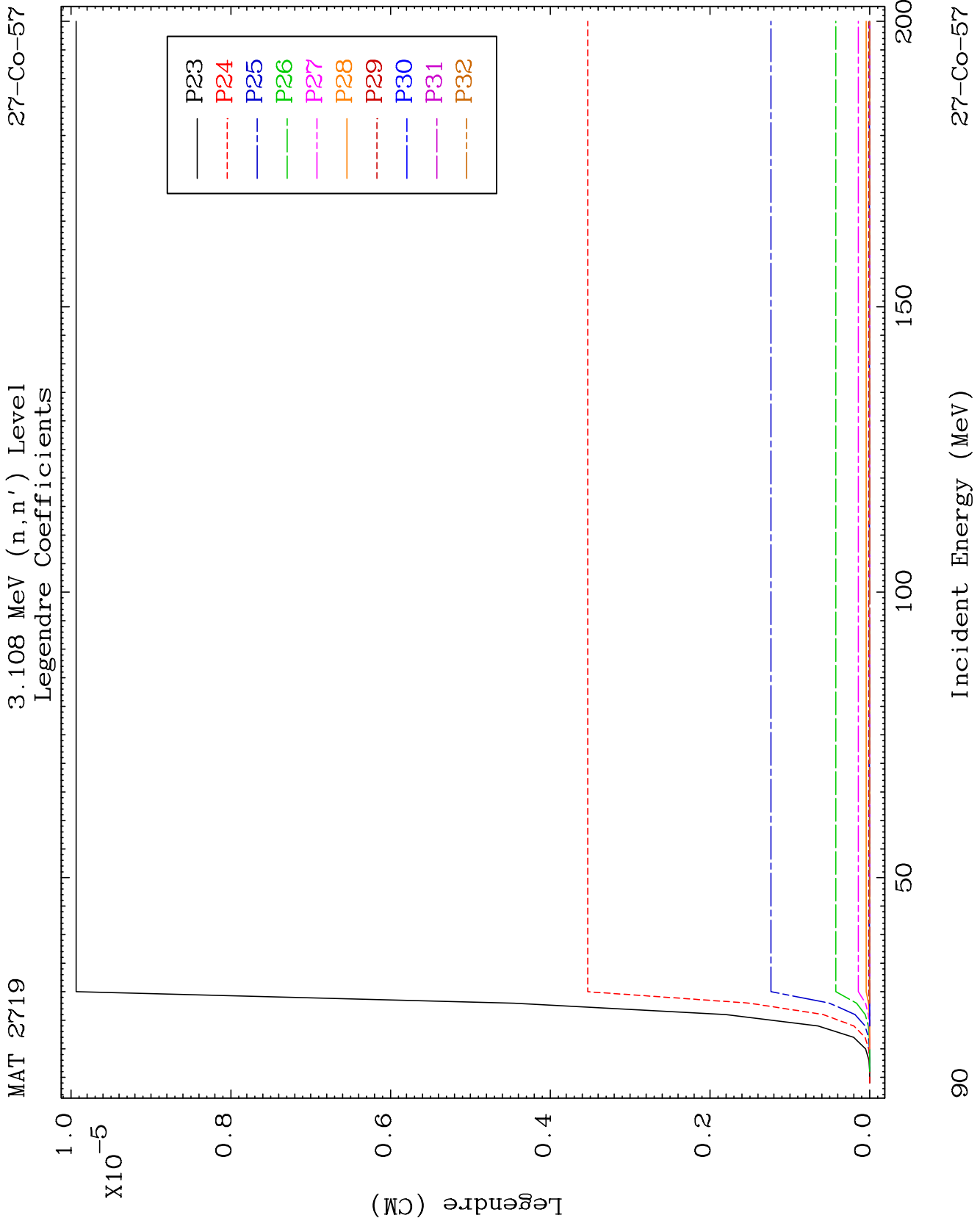


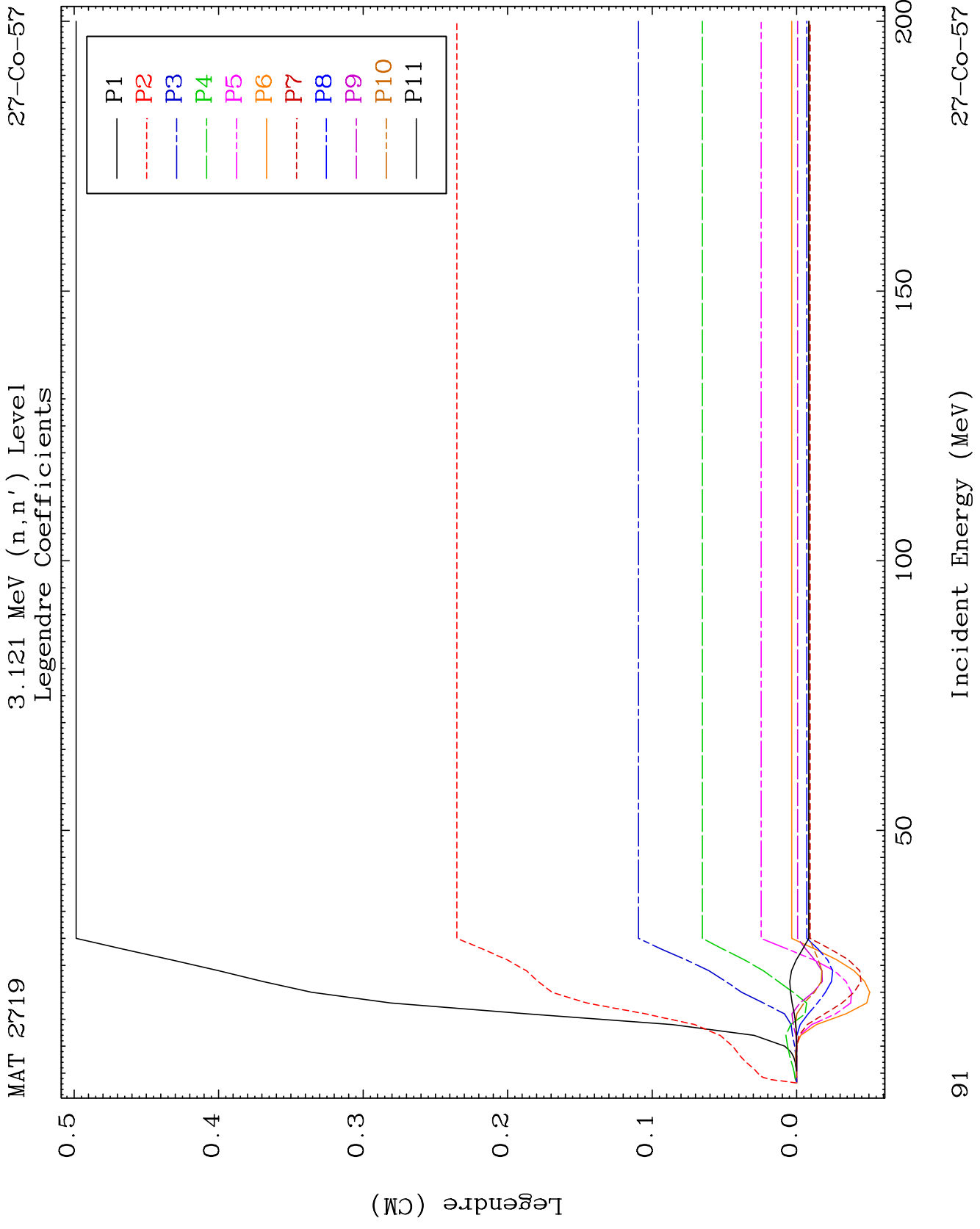


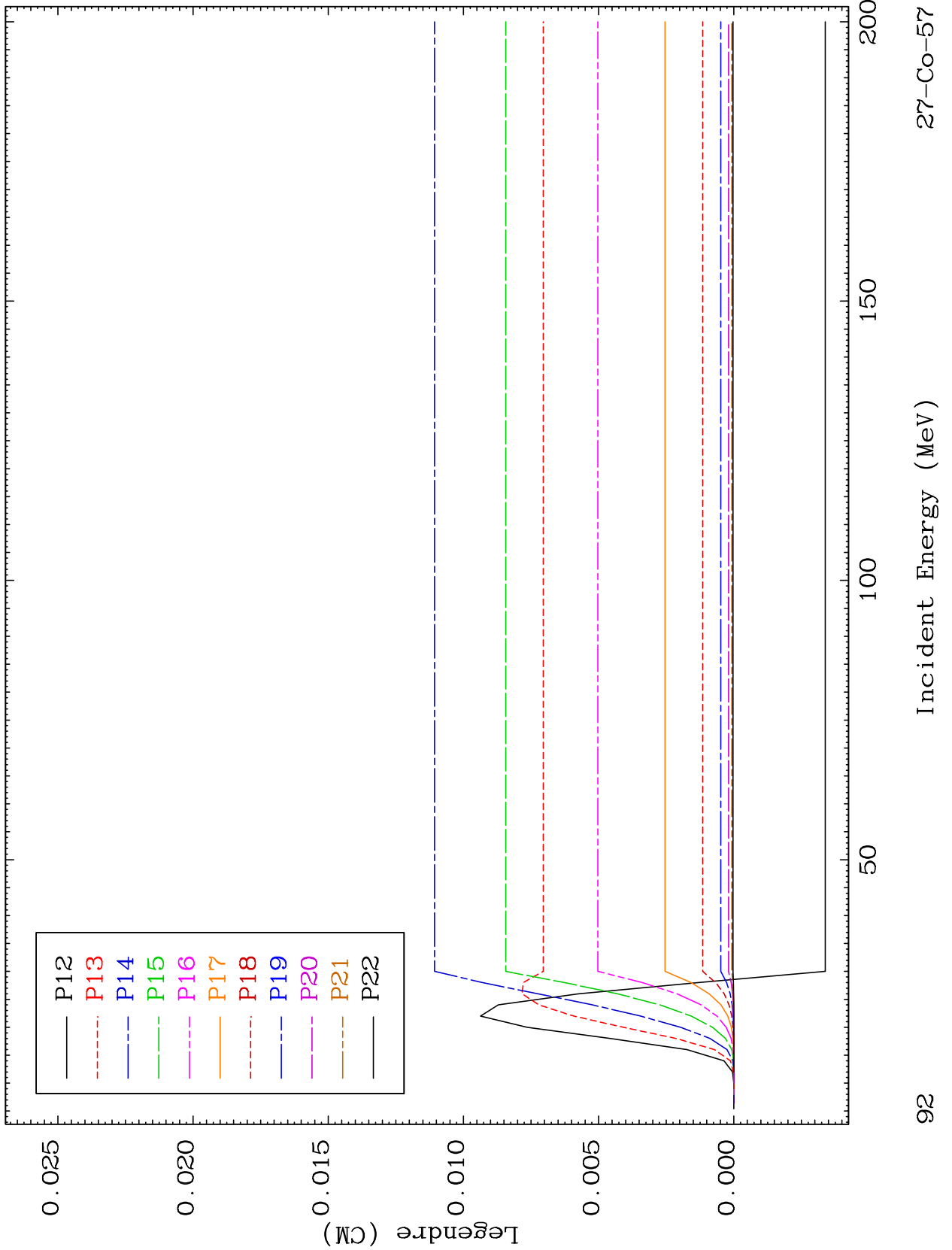


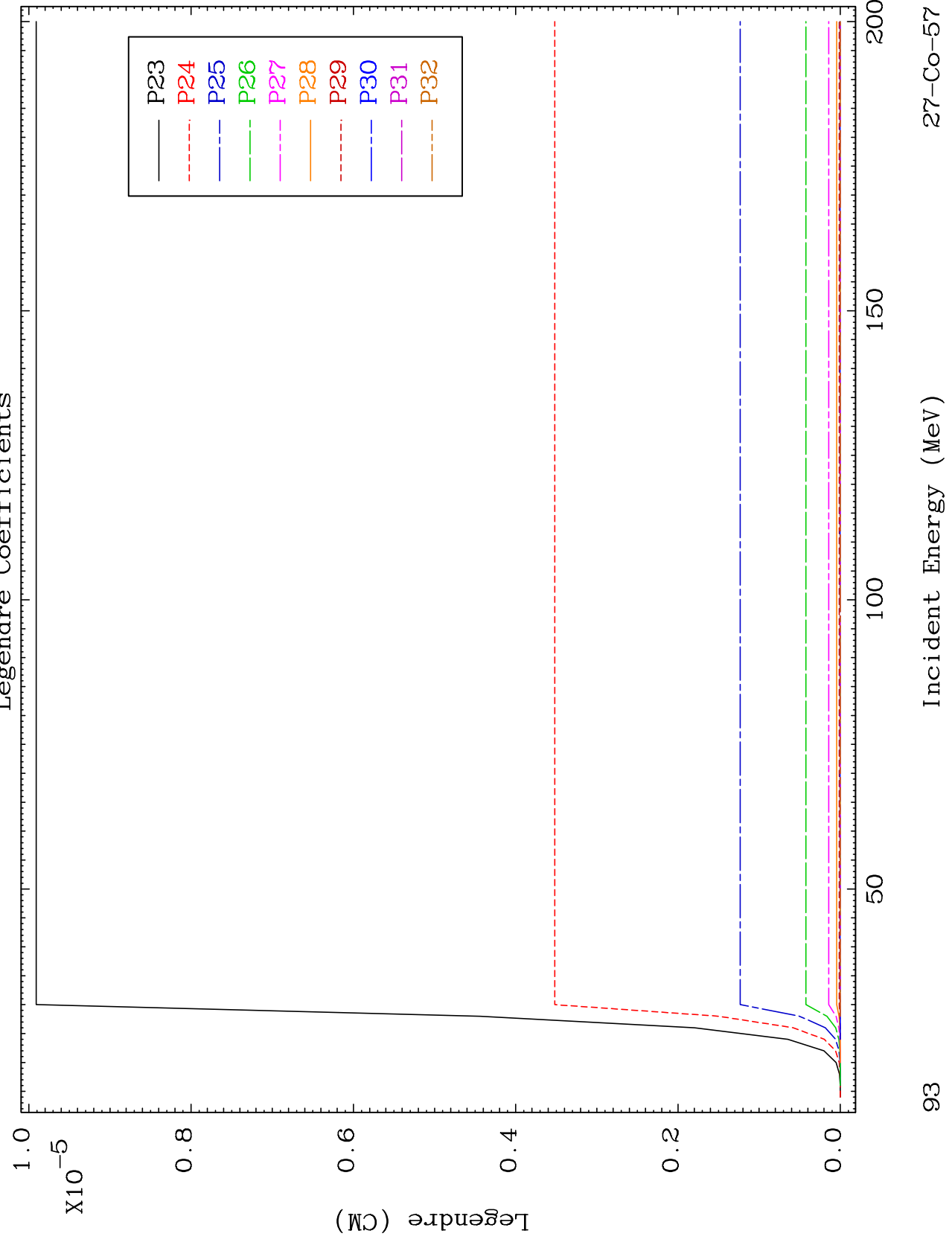








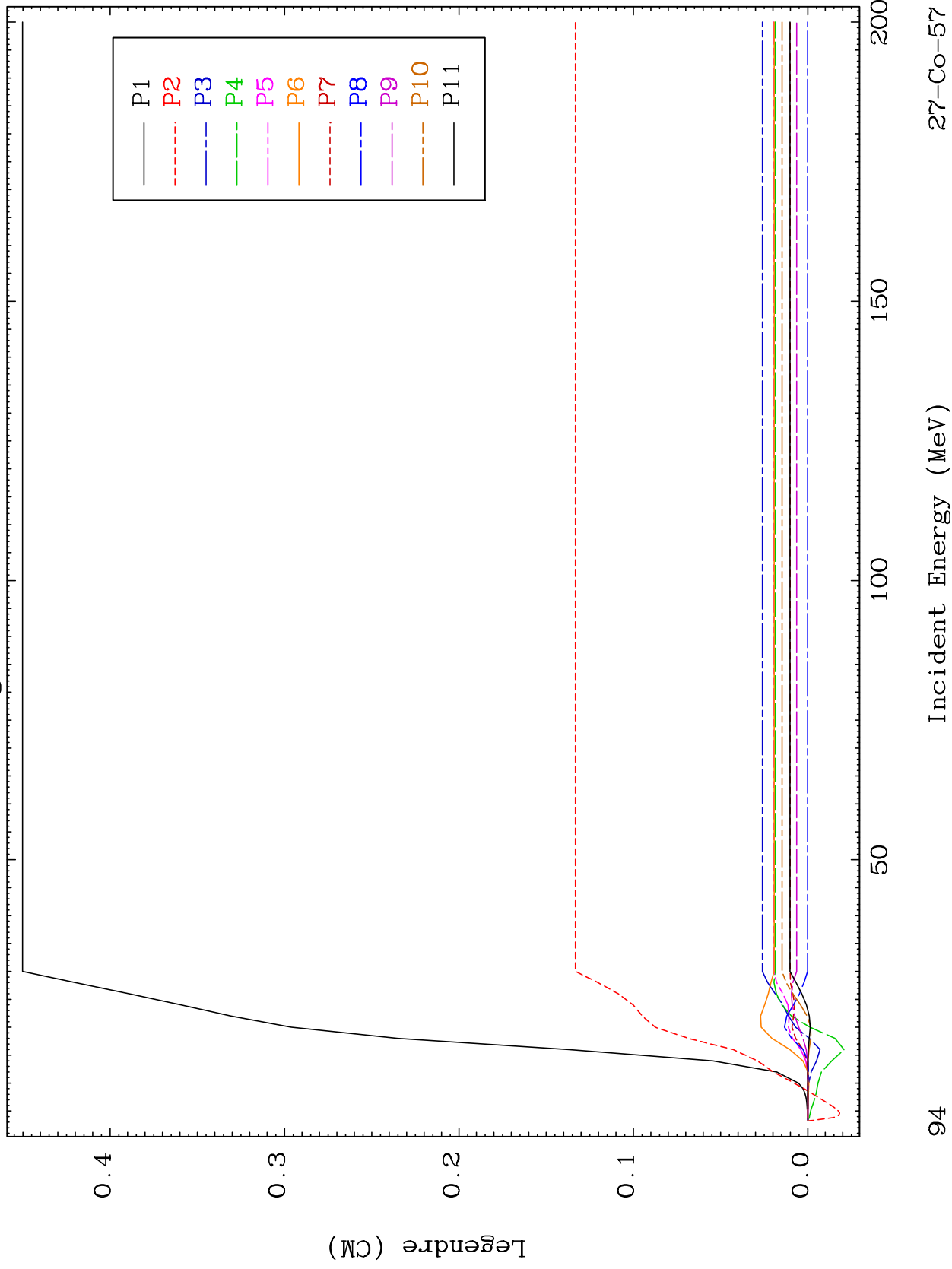




MAT 2719

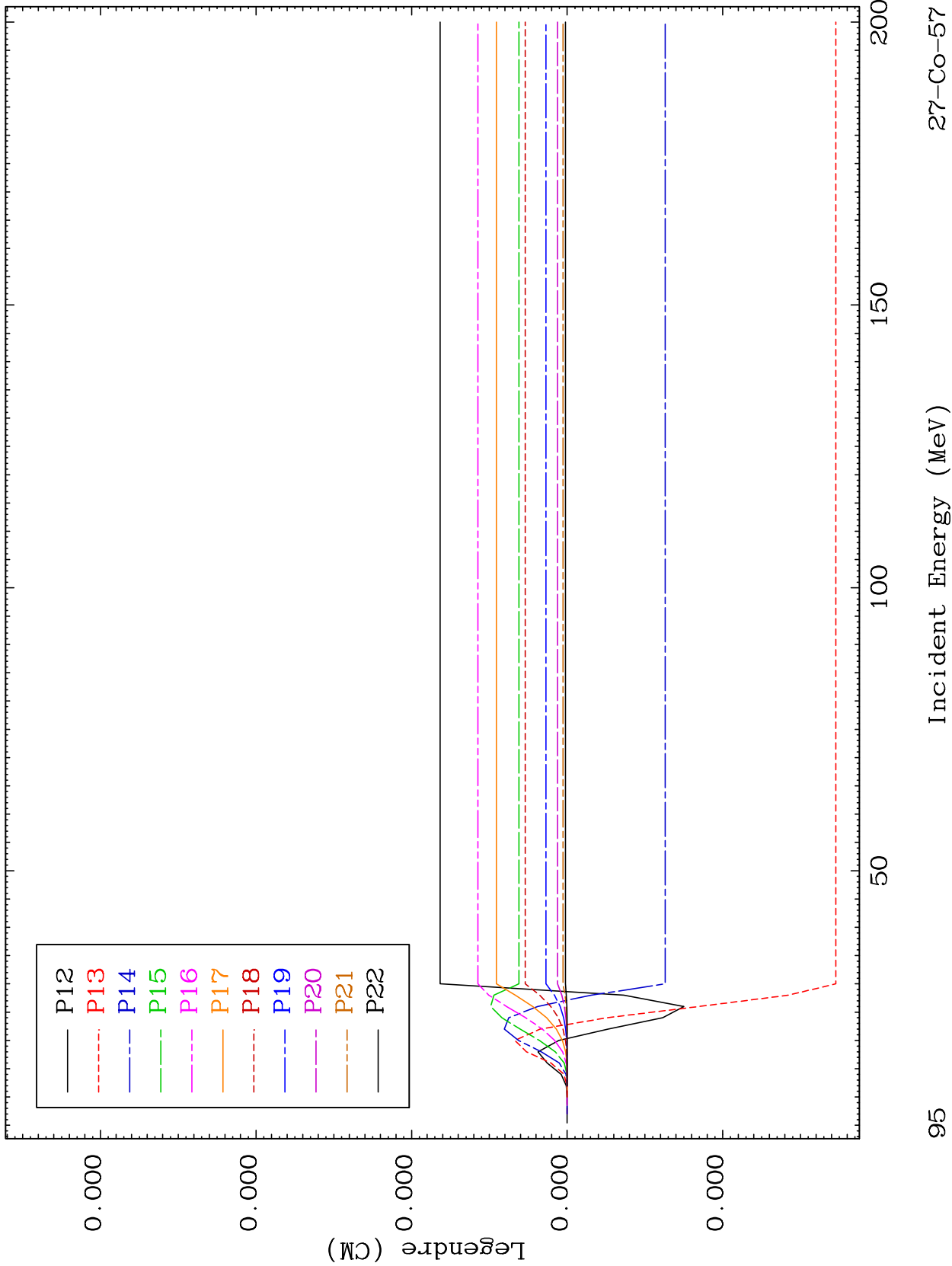
3.165 MeV (n,n') Level
Legendre Coefficients

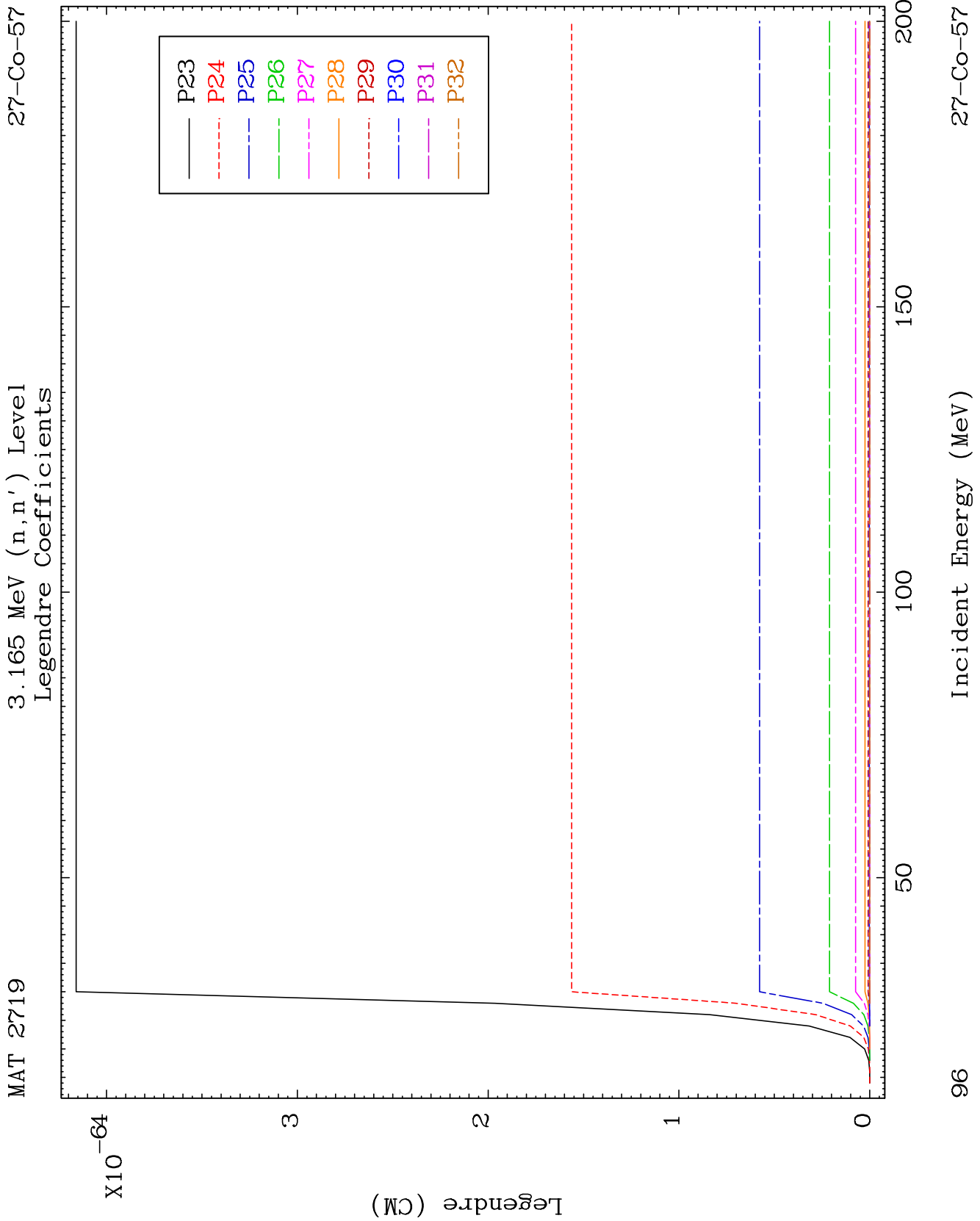
27-Co-57



94

27-Co-57

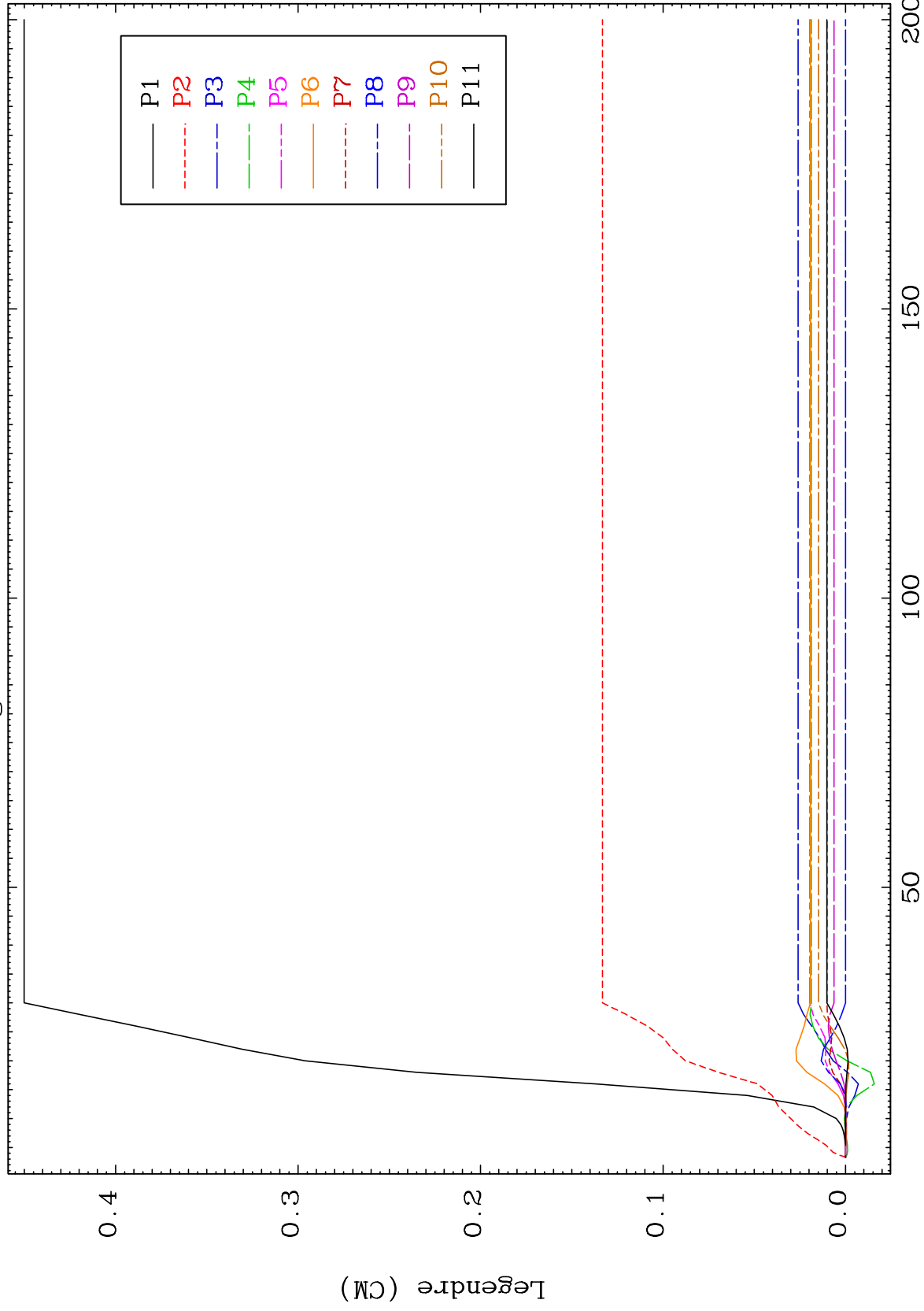




MAT 2719

3.177 MeV (n,n') Level
Legendre Coefficients

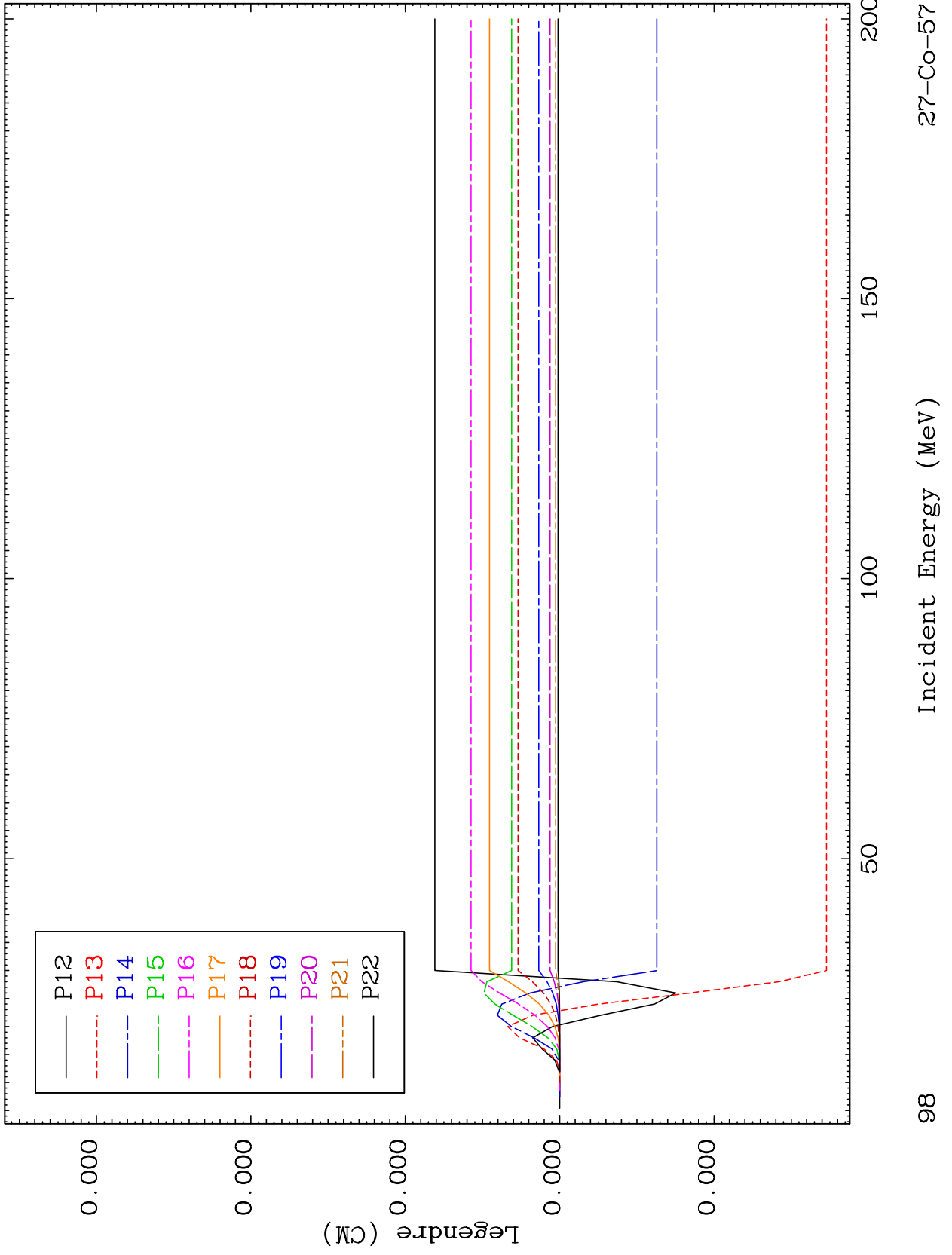
27-Co-57



97

Incident Energy (MeV)

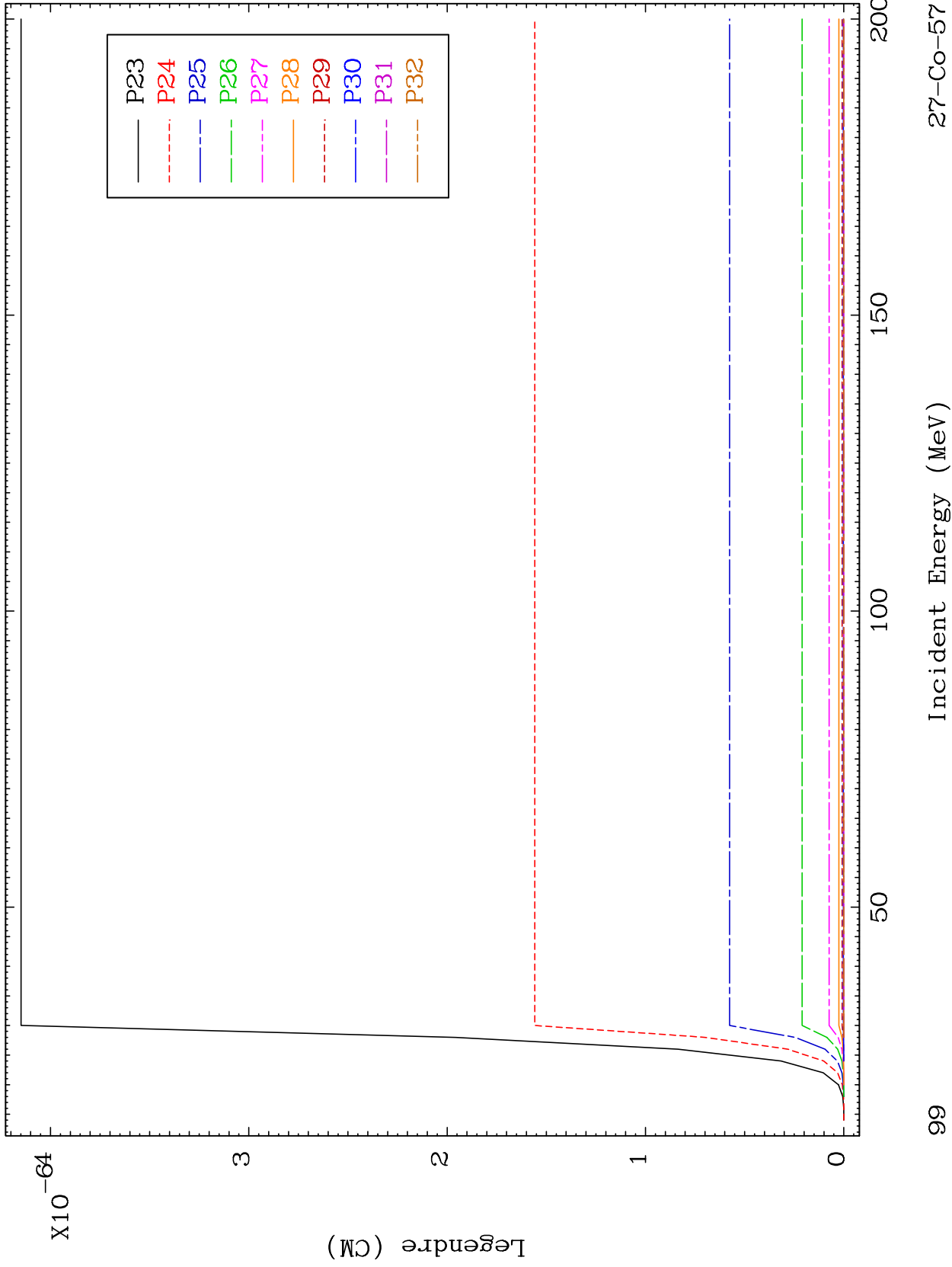
27-Co-57



MAT 2719

3.177 MeV (n, n') Level
Legendre Coefficients

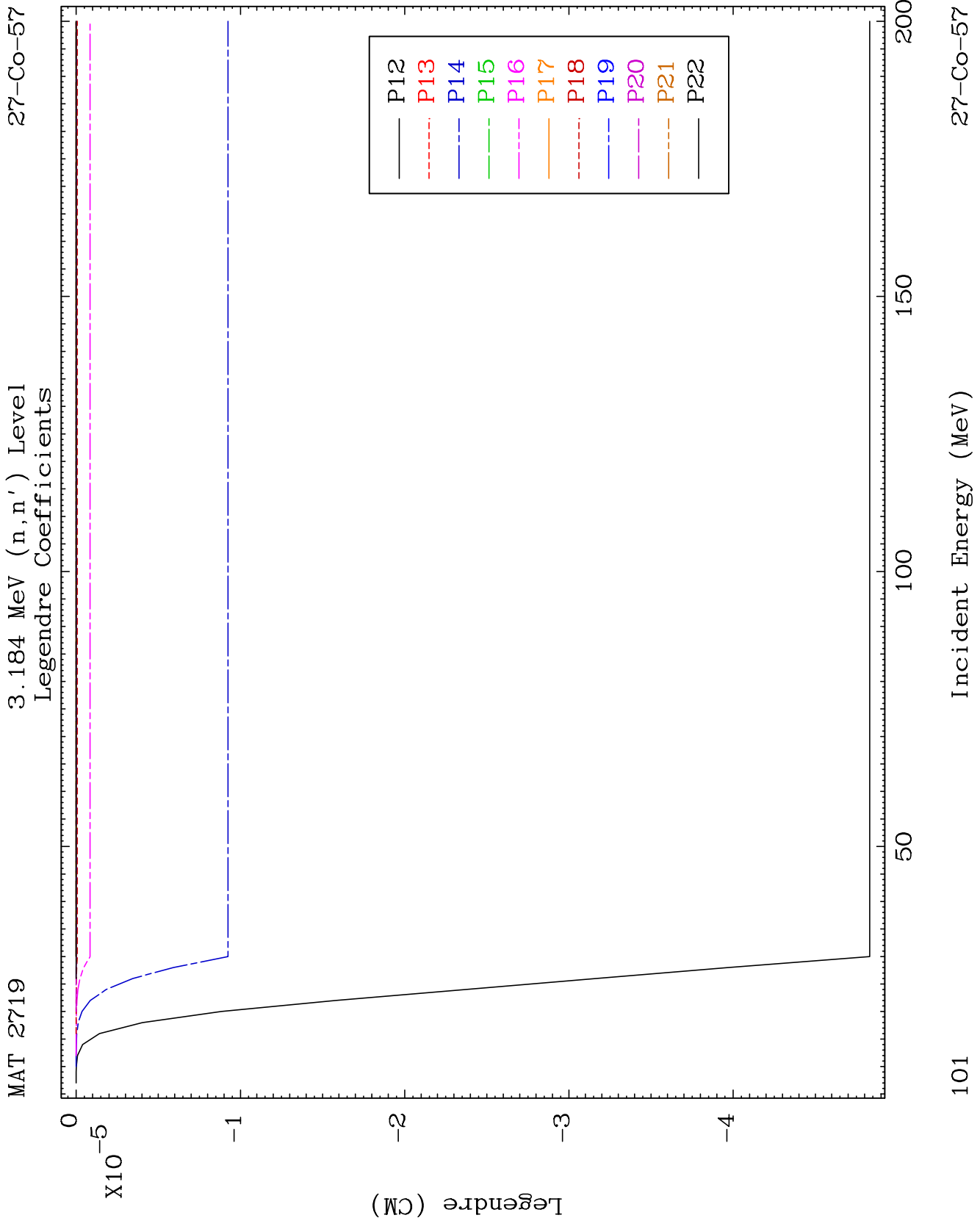
27-Co-57

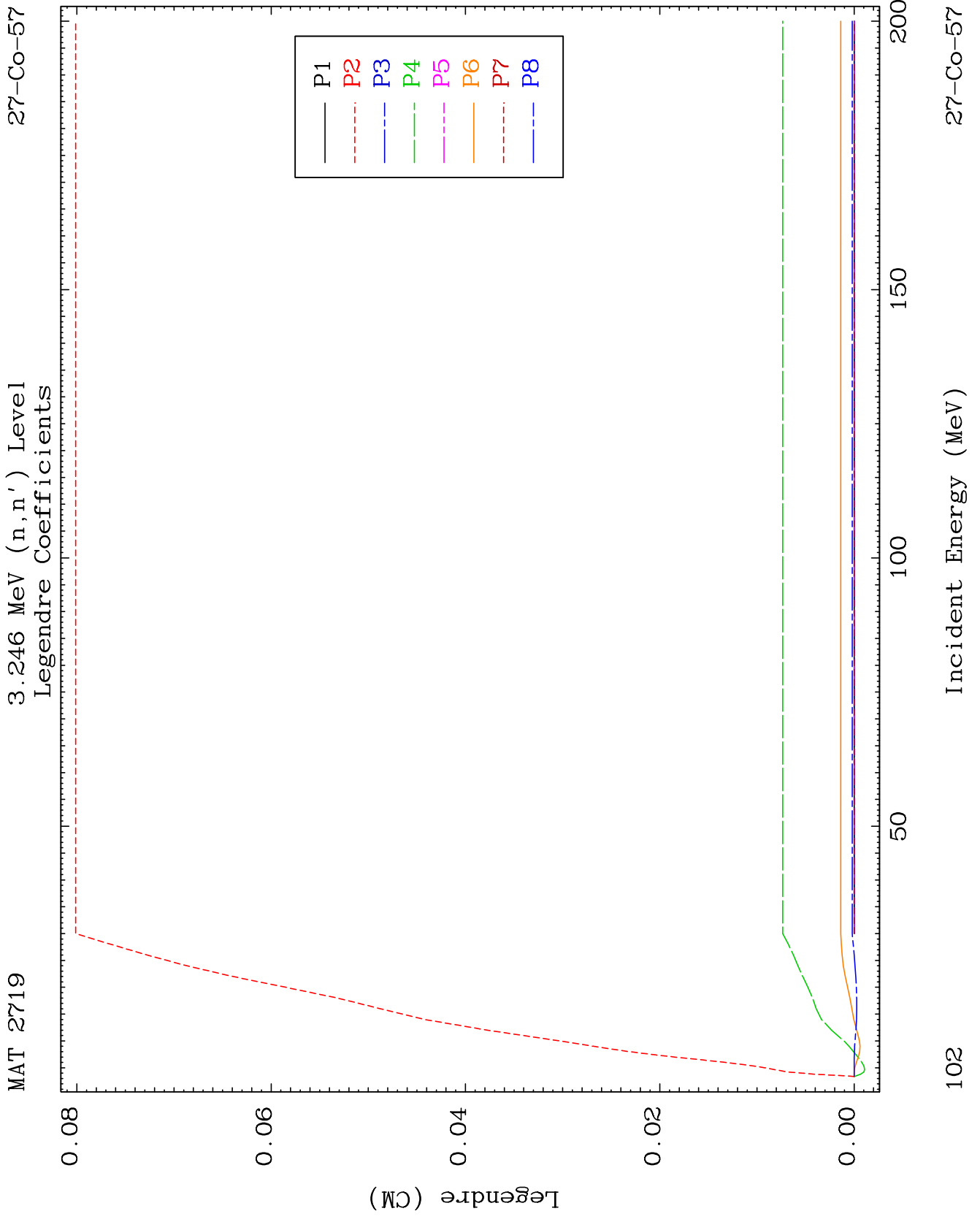


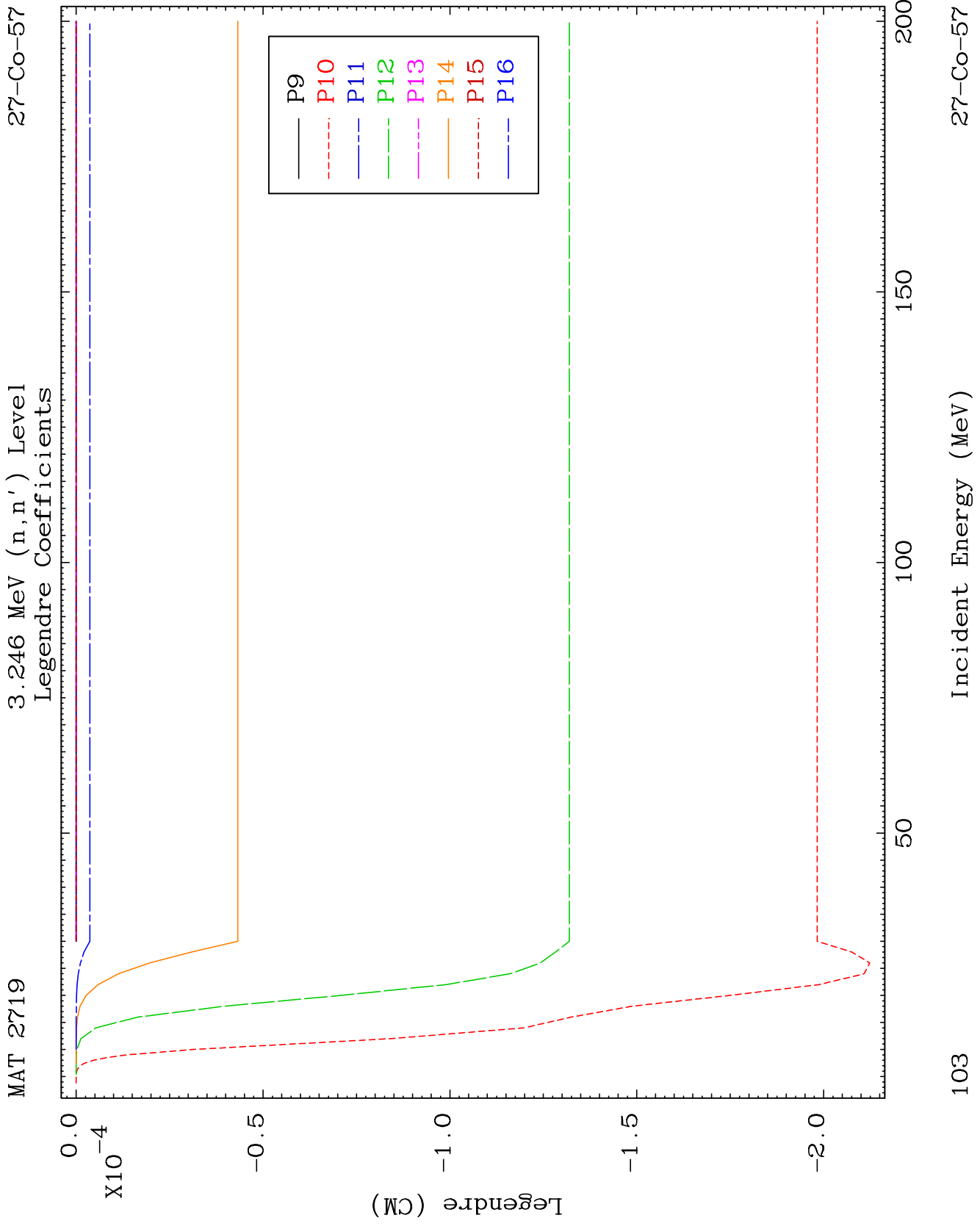
99

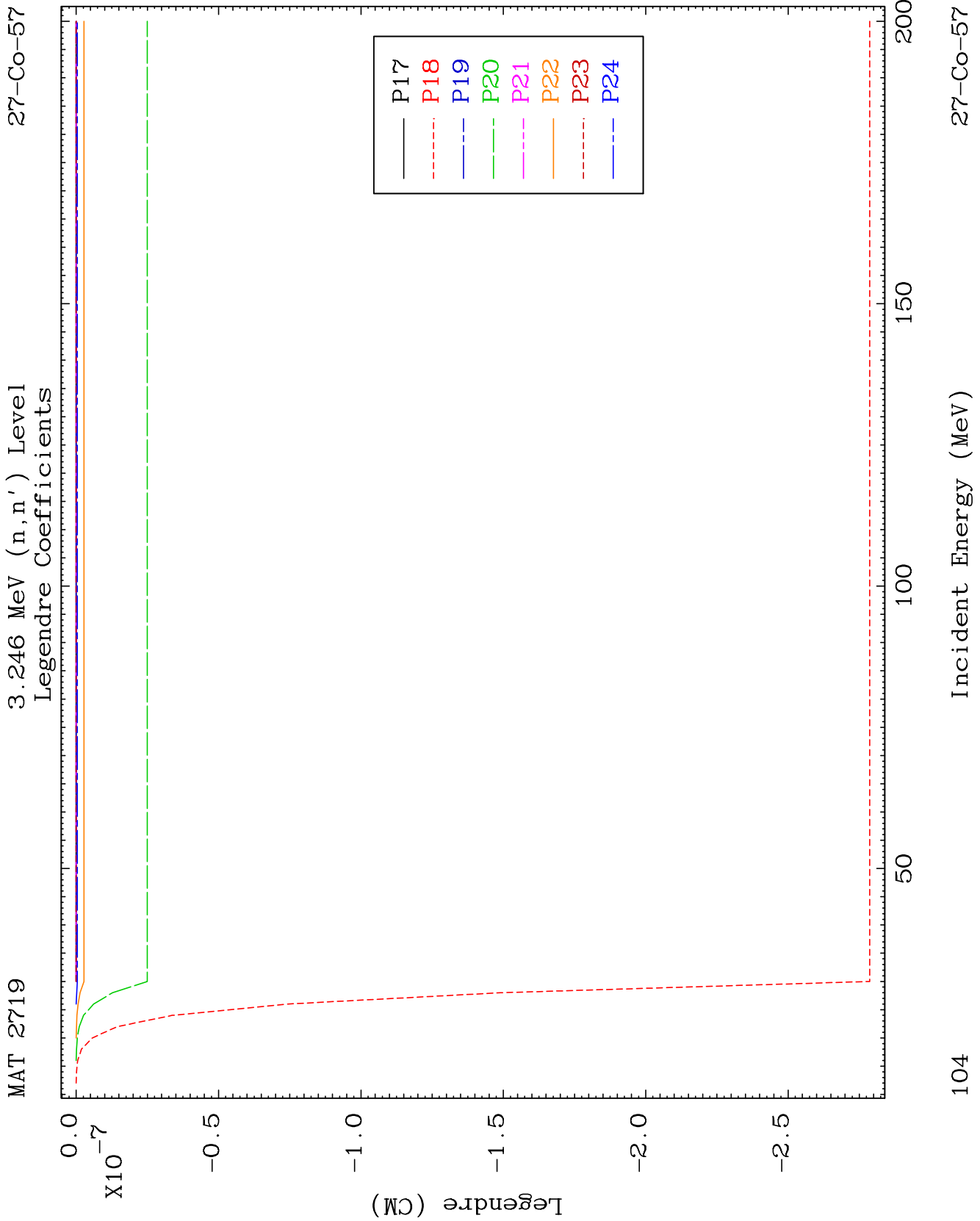
Incident Energy (MeV)

27-Co-57







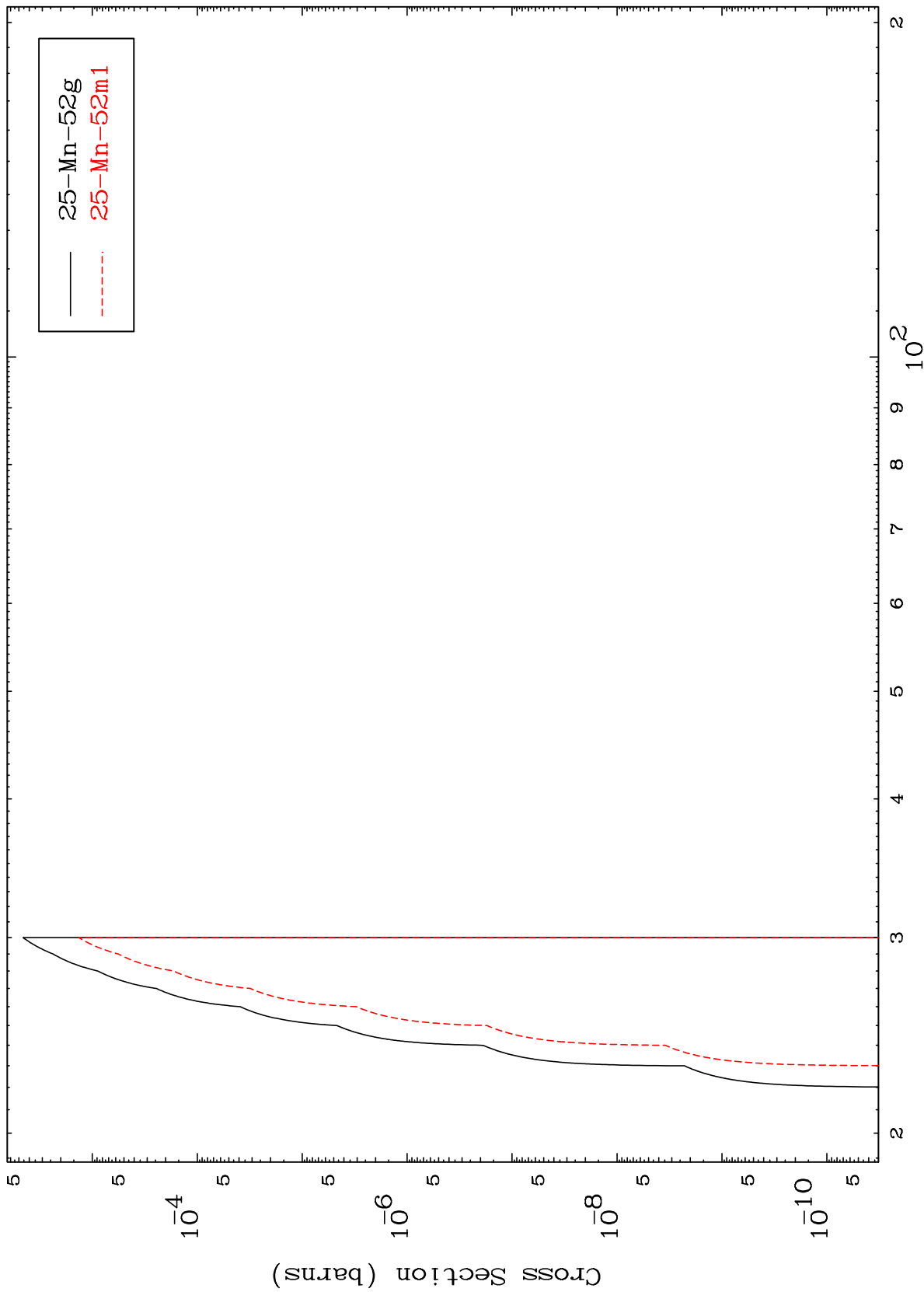


MAT 2719

(n,2n) α

27-Co-57

Radionuclide Production Cross Section



105

Incident Energy (MeV)

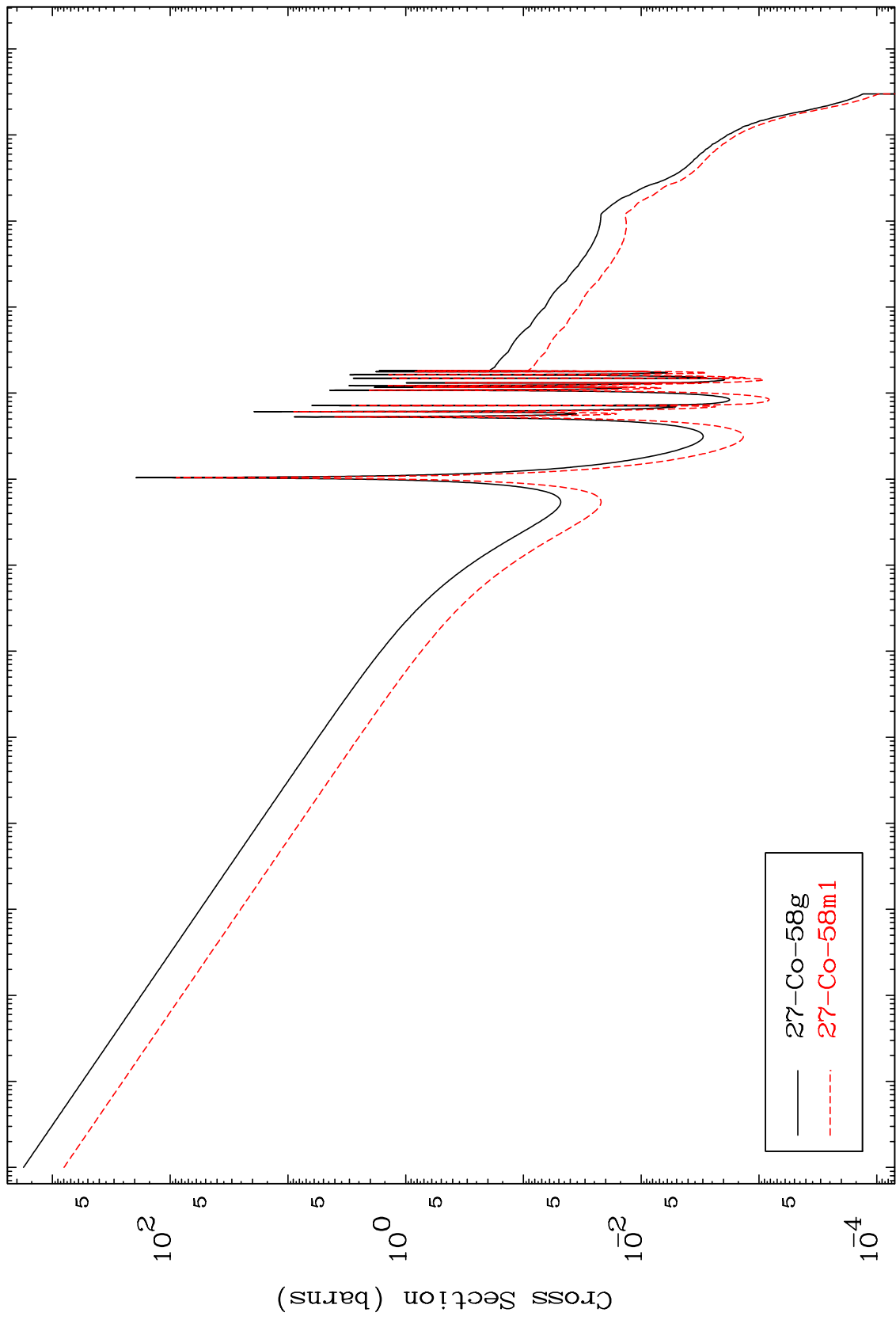
27-Co-57

MAT 2719

²⁷Co-57

Radionuclide Production Cross Section

(n,γ)



106

Incident Energy (MeV)

²⁷Co-57