

Program EVALPLOT  
(Version 2015-2)

by

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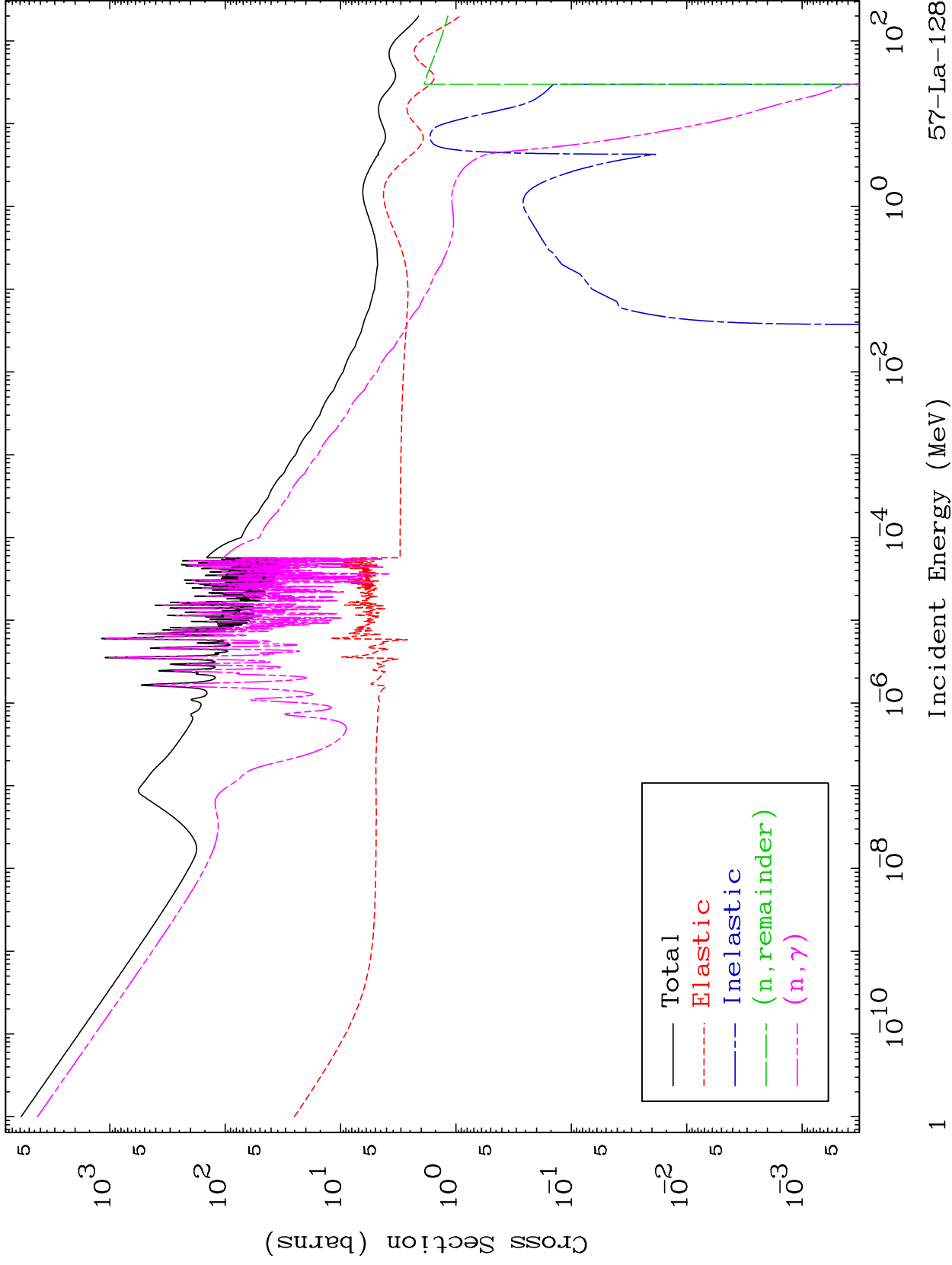
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5695

Major  
293 Kelvin Cross Sections

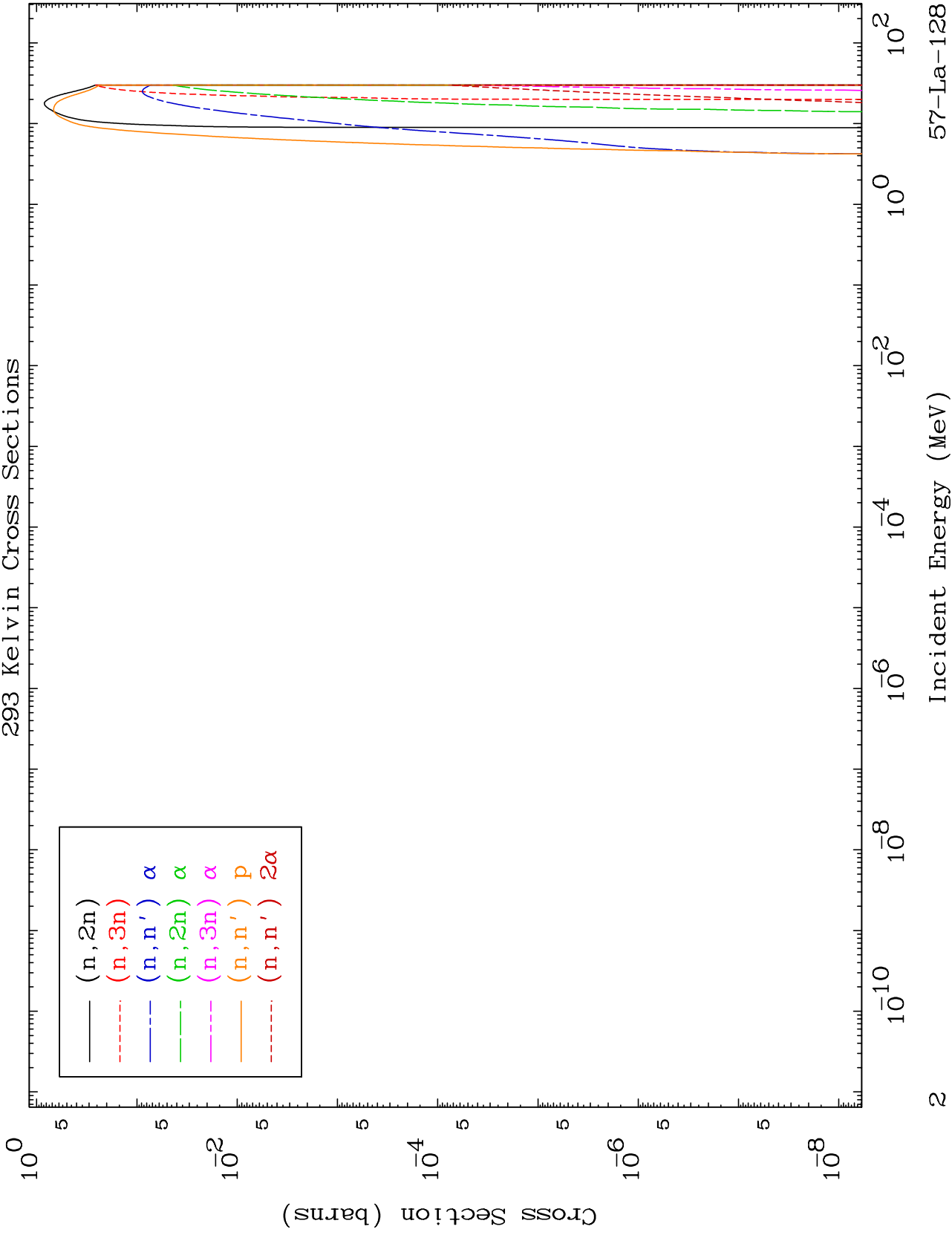
57-La-128

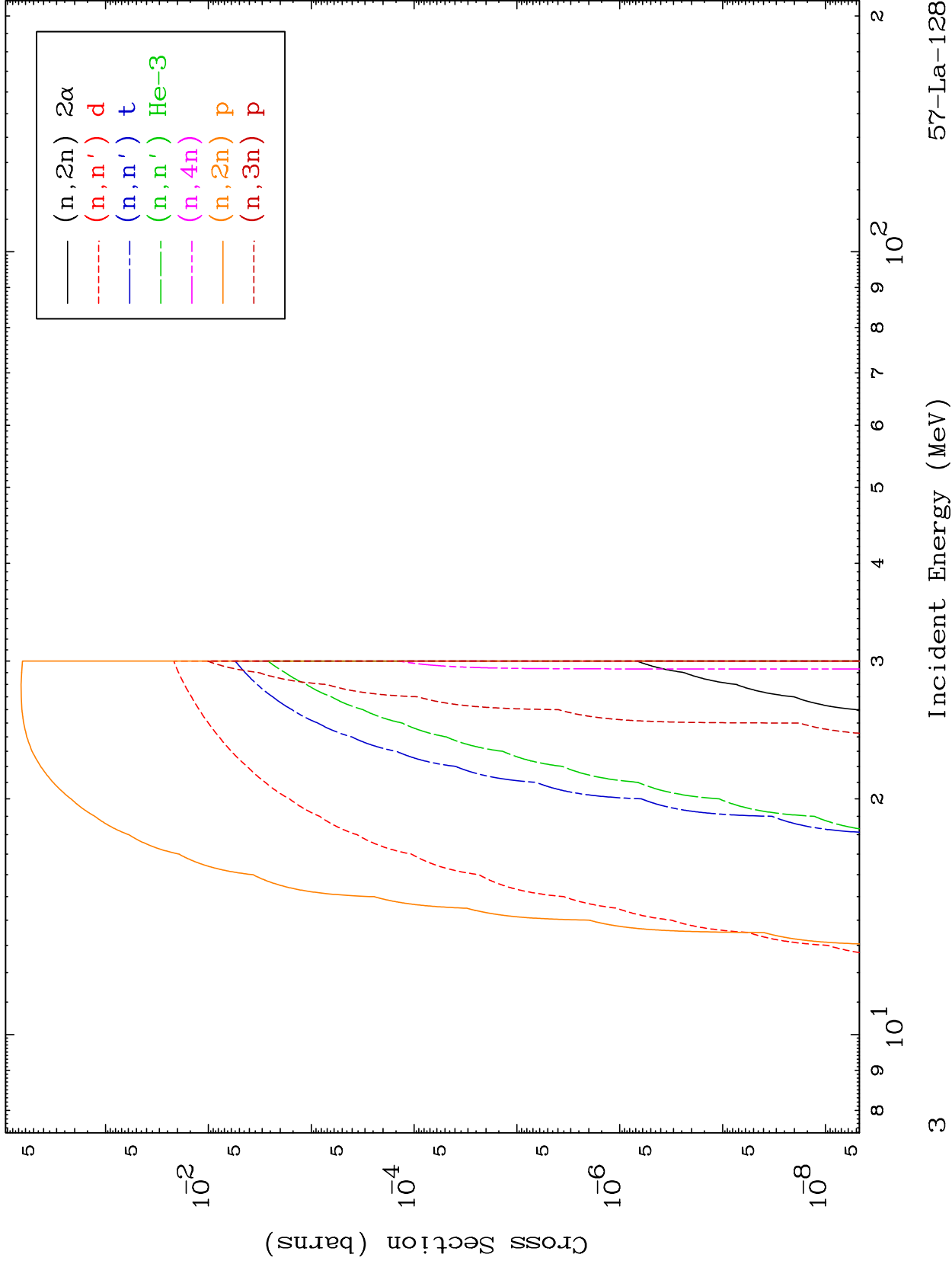


MAT 5695

Neutron Production  
293 Kelvin Cross Sections

57-La-128

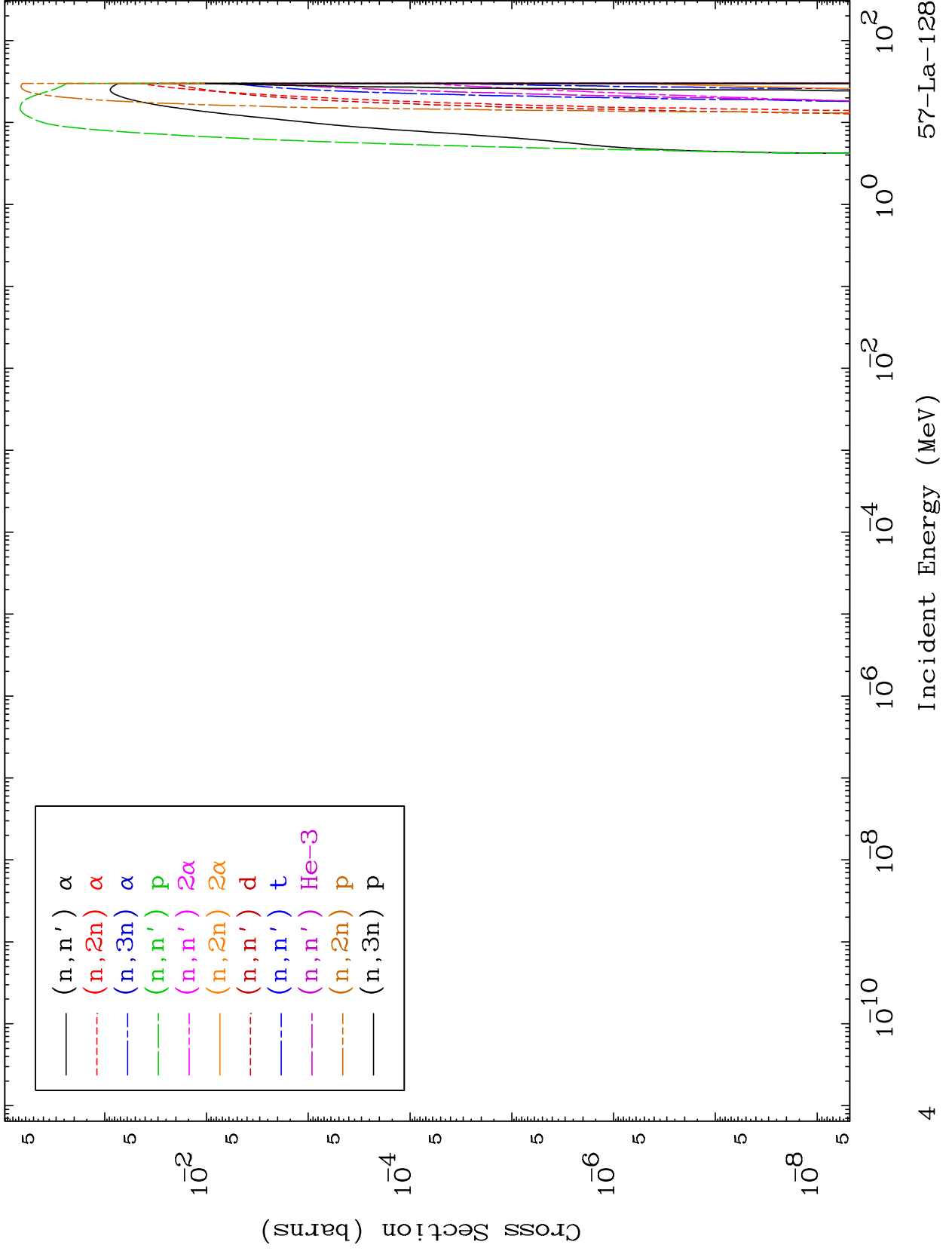




MAT 5695

Charged Particle  
293 Kelvin Cross Sections

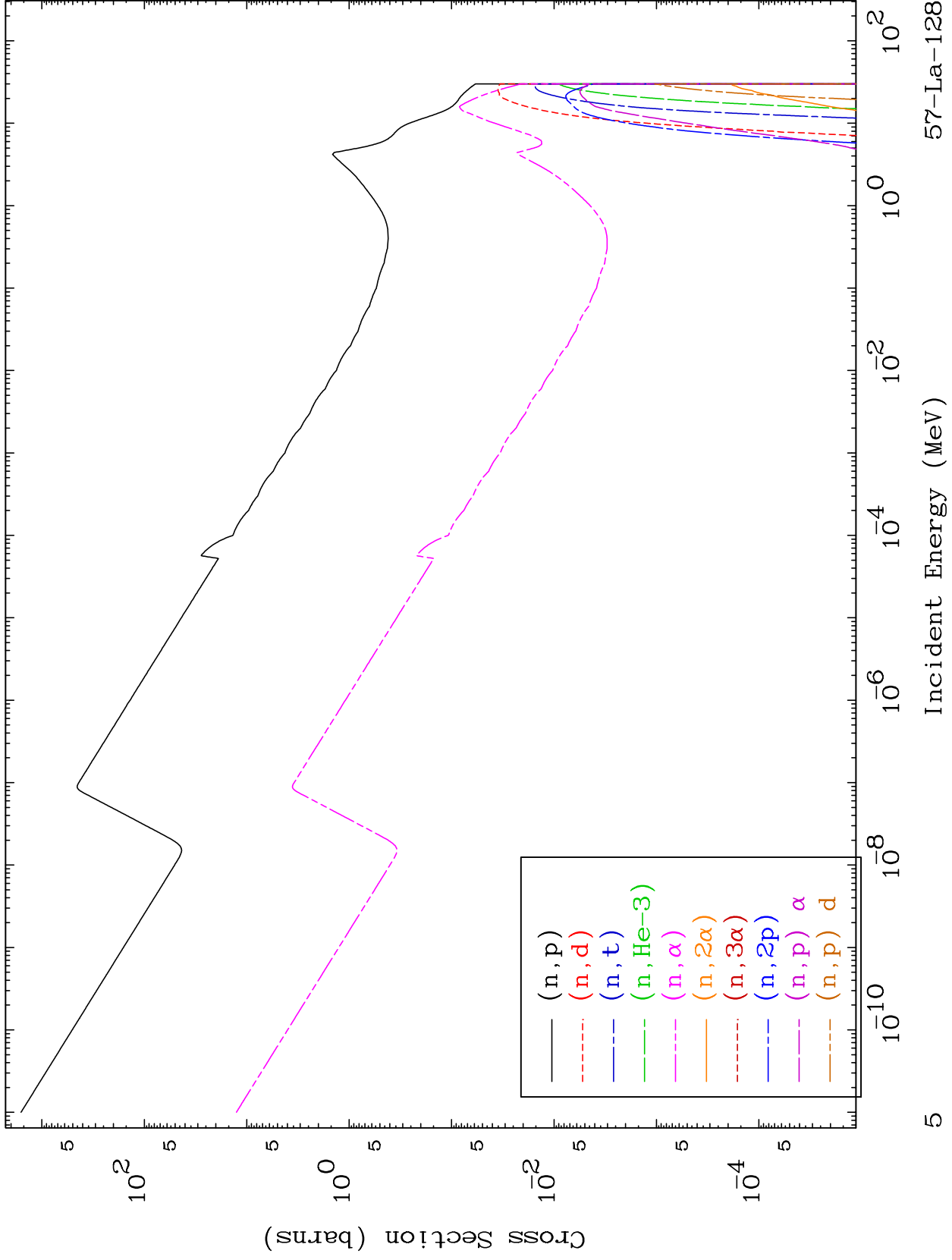
57-La-128



MAT 5695

Charged Particle  
293 Kelvin Cross Sections

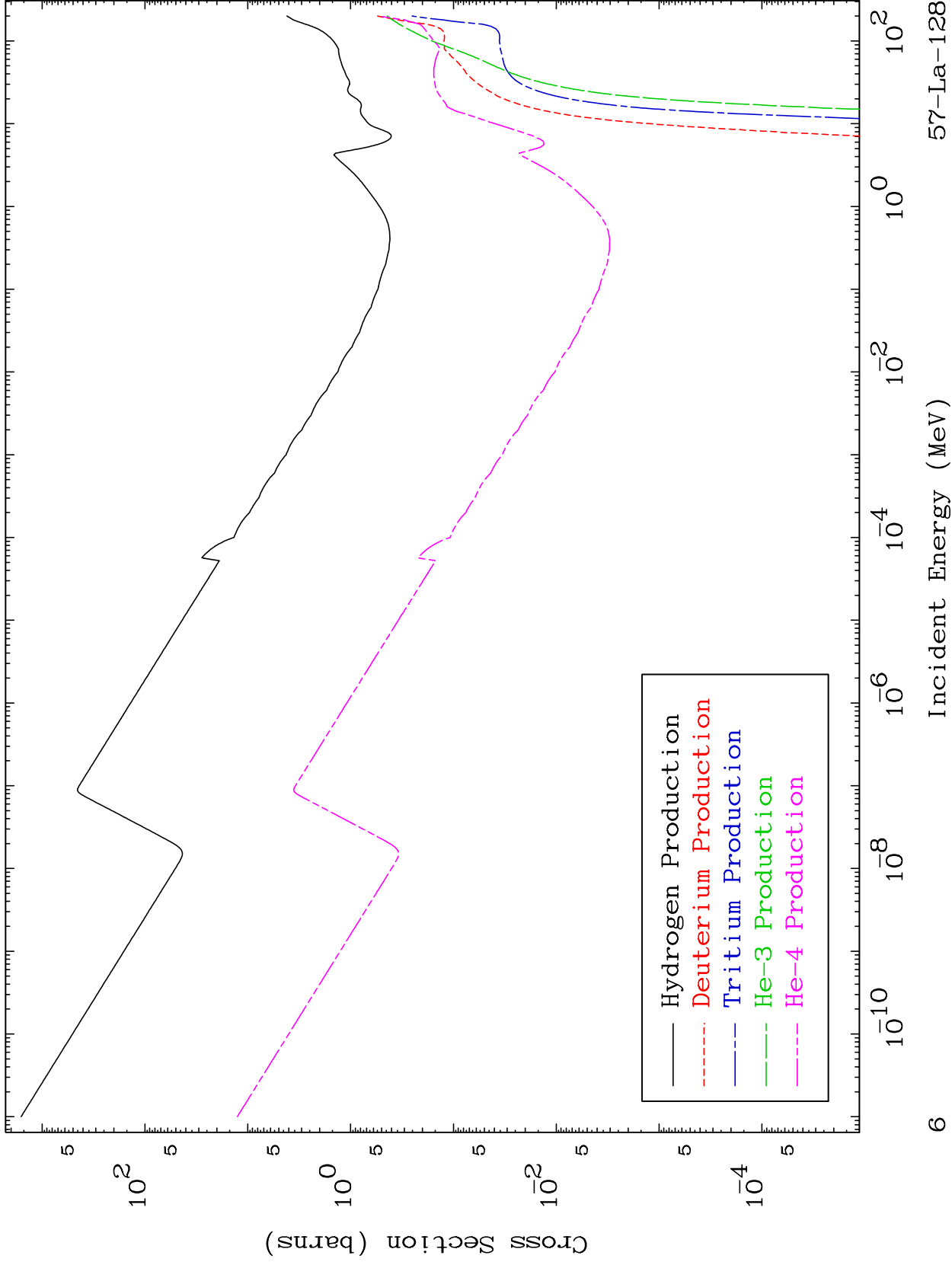
57-La-128



MAT 5695

Particle Production  
293 Kelvin Cross Sections

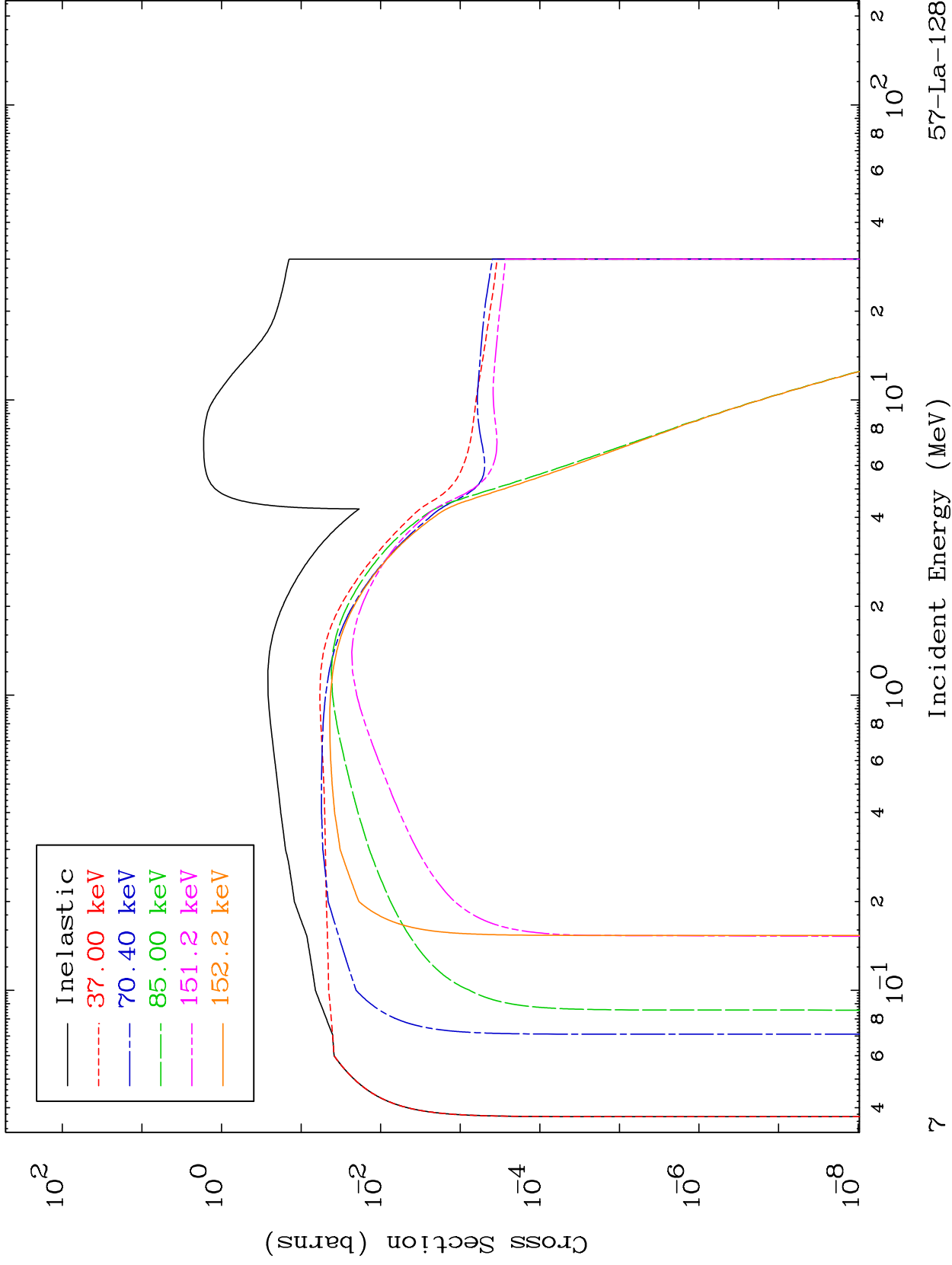
57-La-128



MAT 5695

(n,n') Level  
293 Kelvin Cross Sections

57-La-128

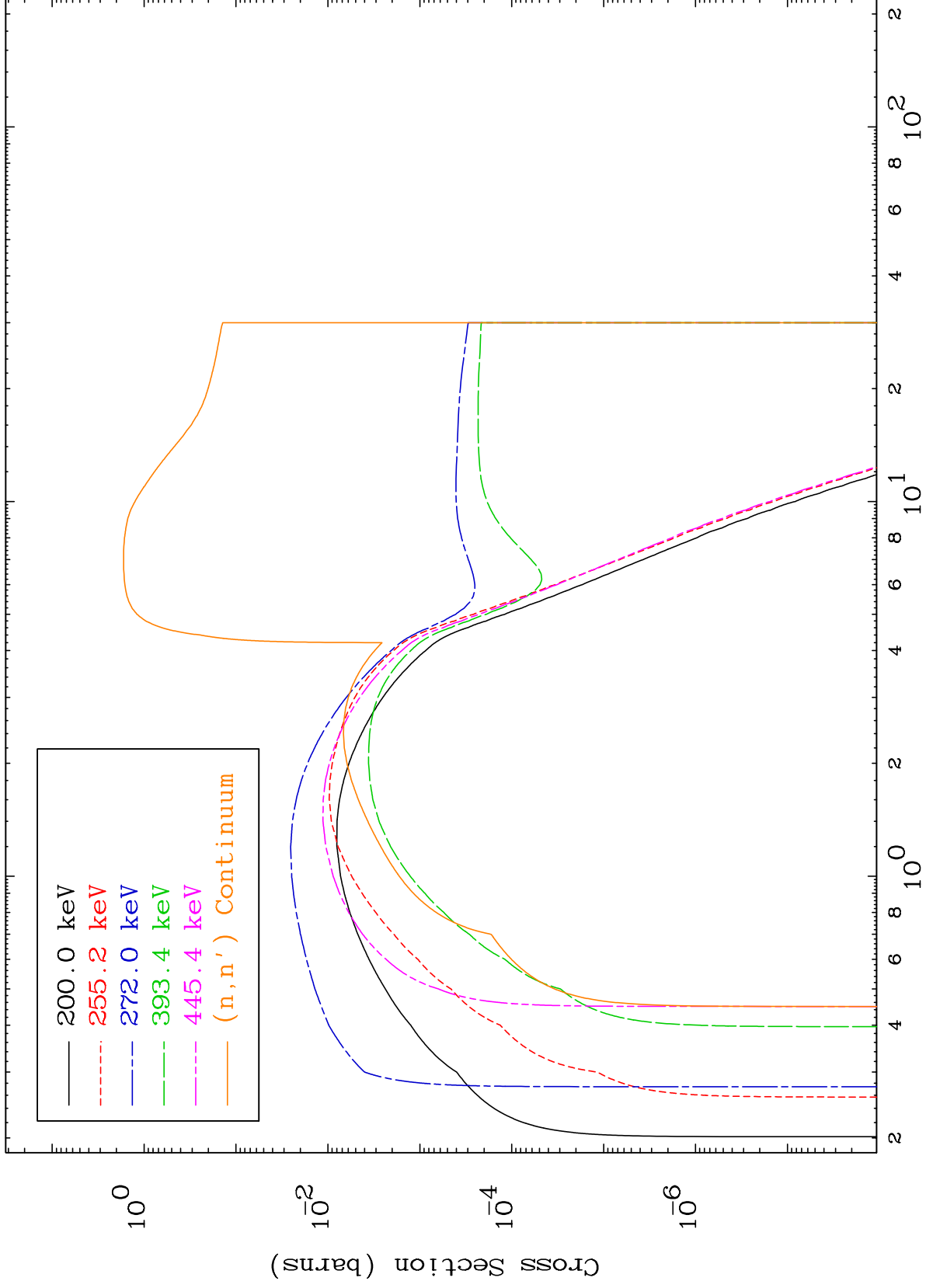




MAT 5695

293 Kelvin Cross Sections  
(n,n') Level

57-La-128



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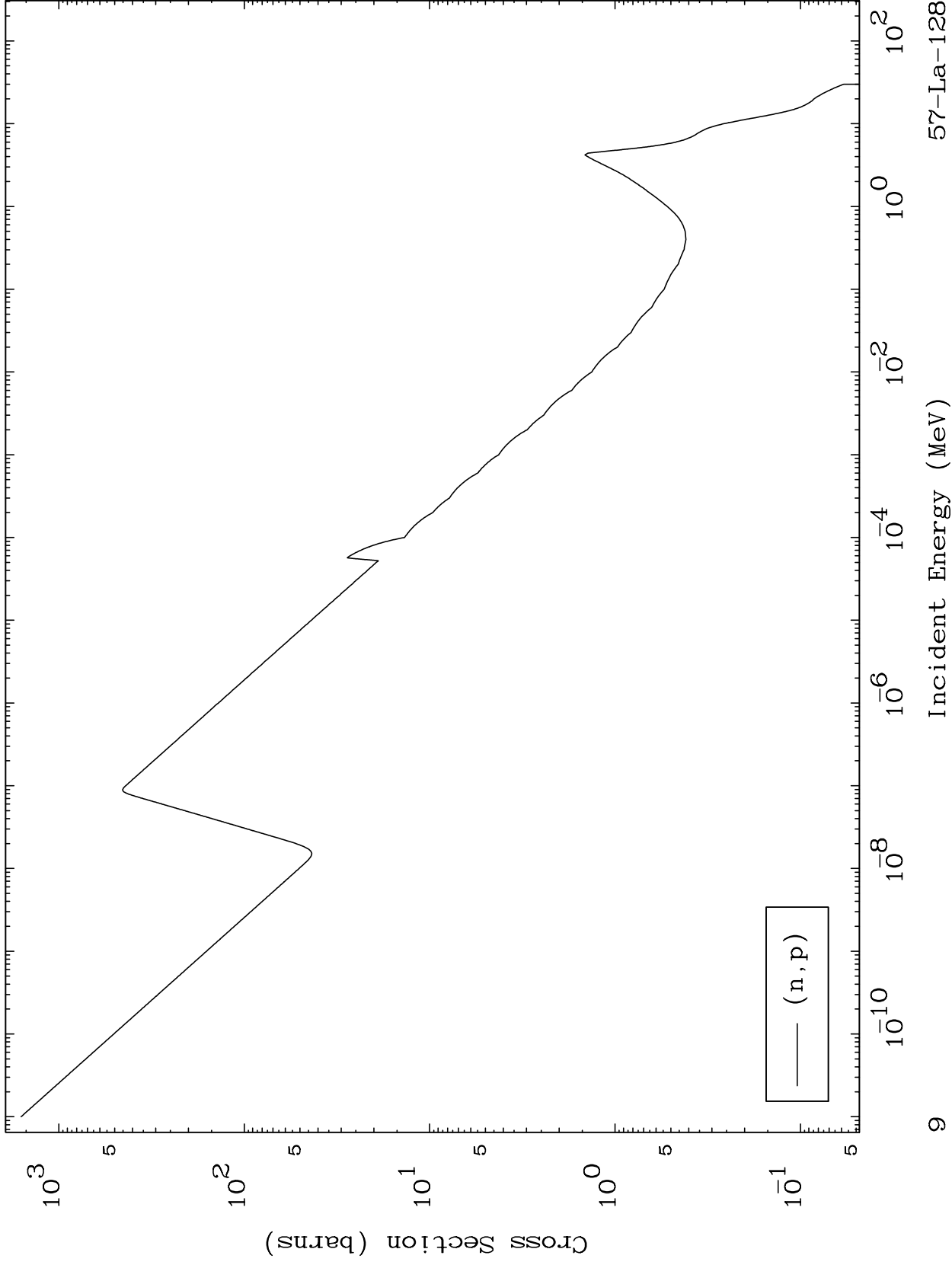
Incident Energy (MeV)

57-La-128

MAT 5695

(n,p) Levels  
293 Kelvin Cross Sections

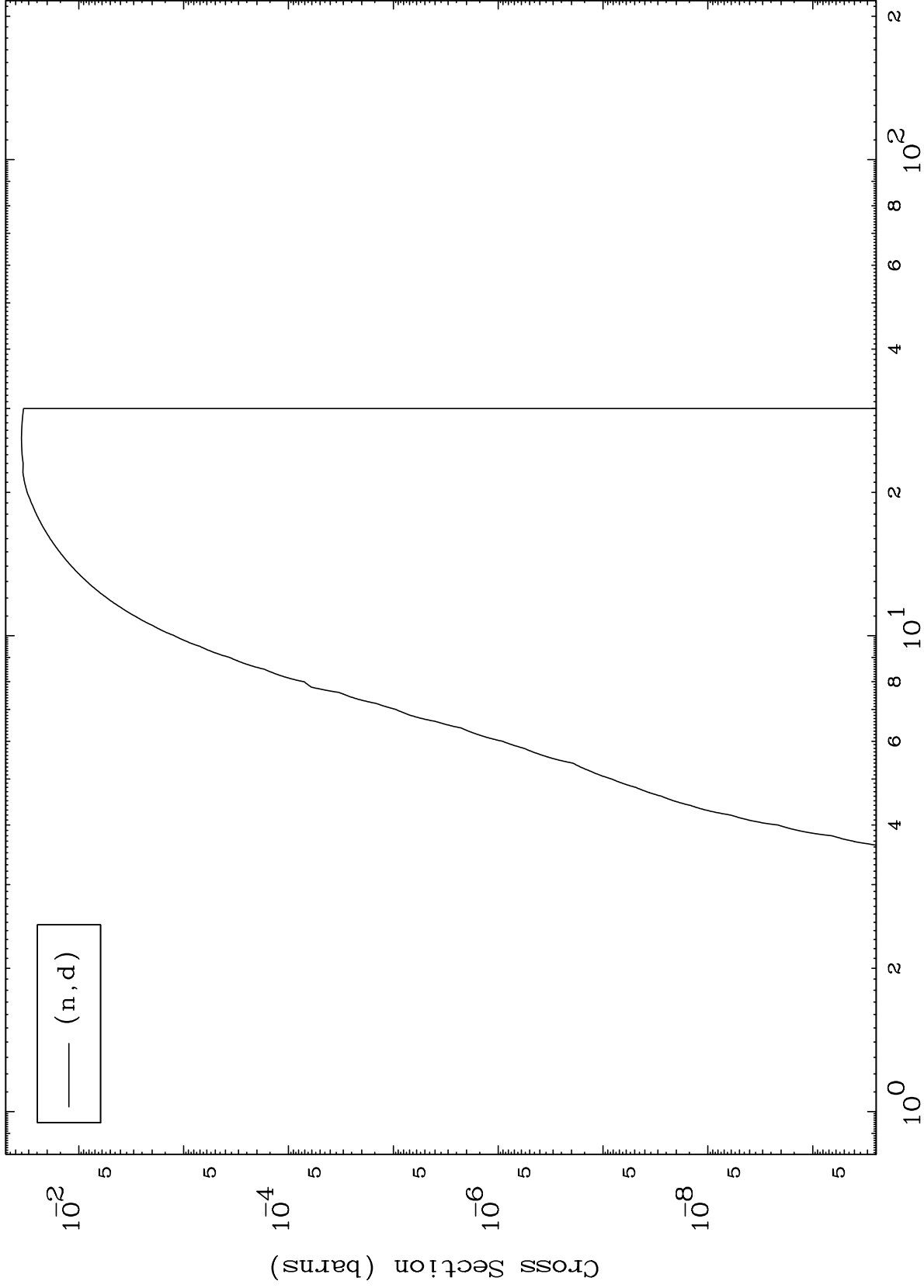
57-La-128



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(n,d) Levels  
293 Kelvin Cross Sections

57-La-128



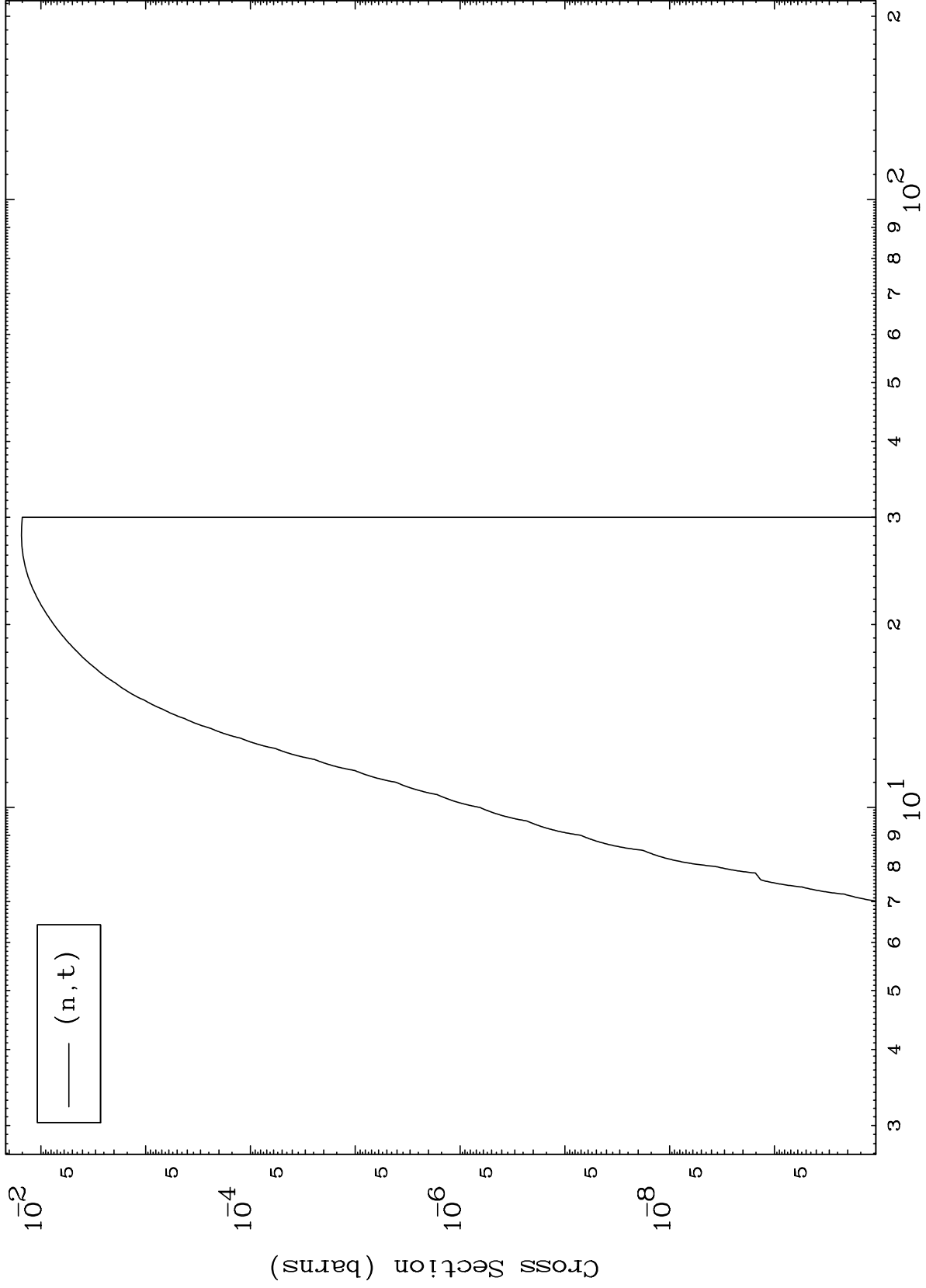
Incident Energy (MeV)

57-La-128

MAT 5695

(n,t) Levels  
293 Kelvin Cross Sections

57-La-128



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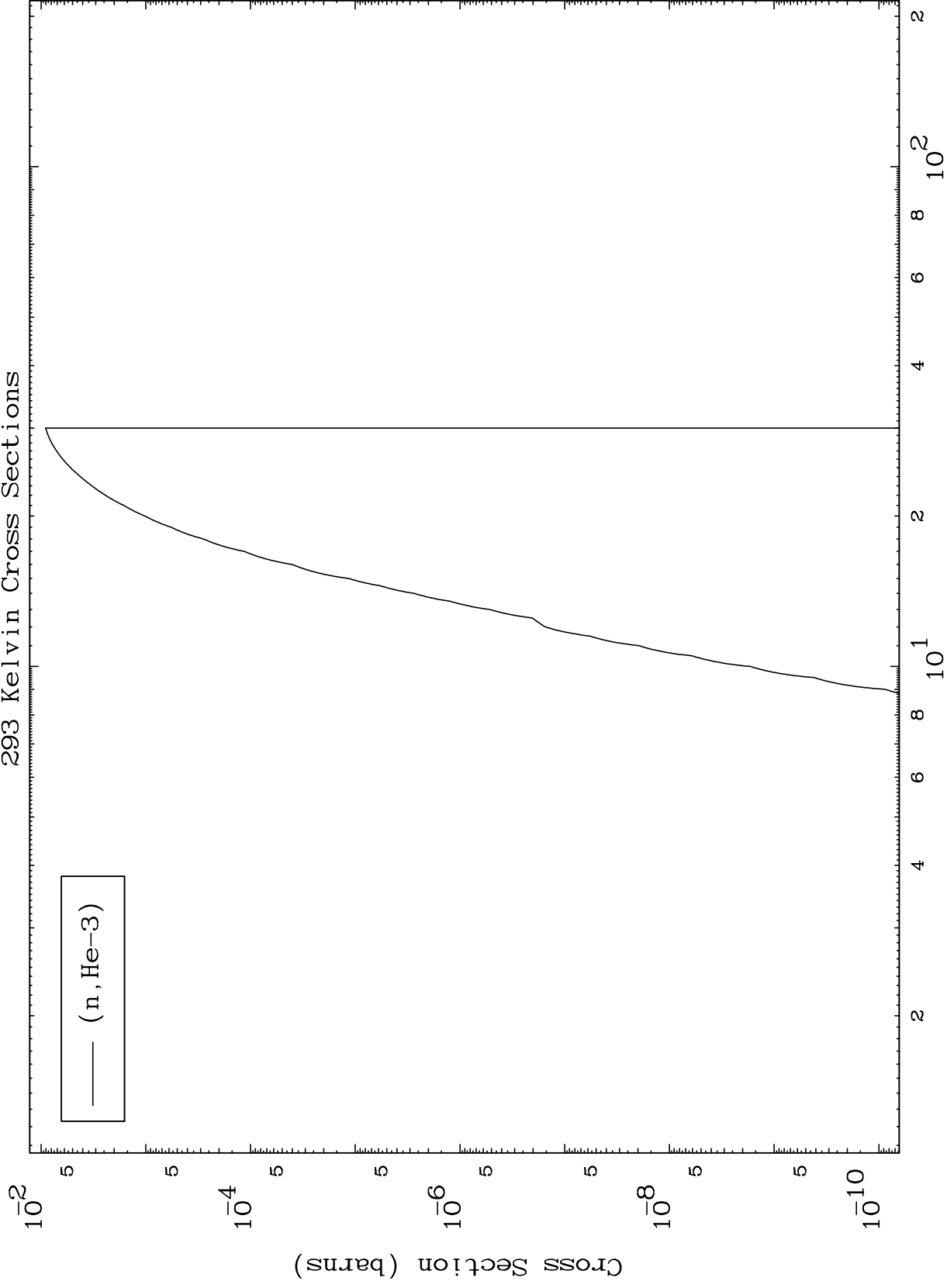
Incident Energy (MeV)

57-La-128

MAT 5695

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-128



12

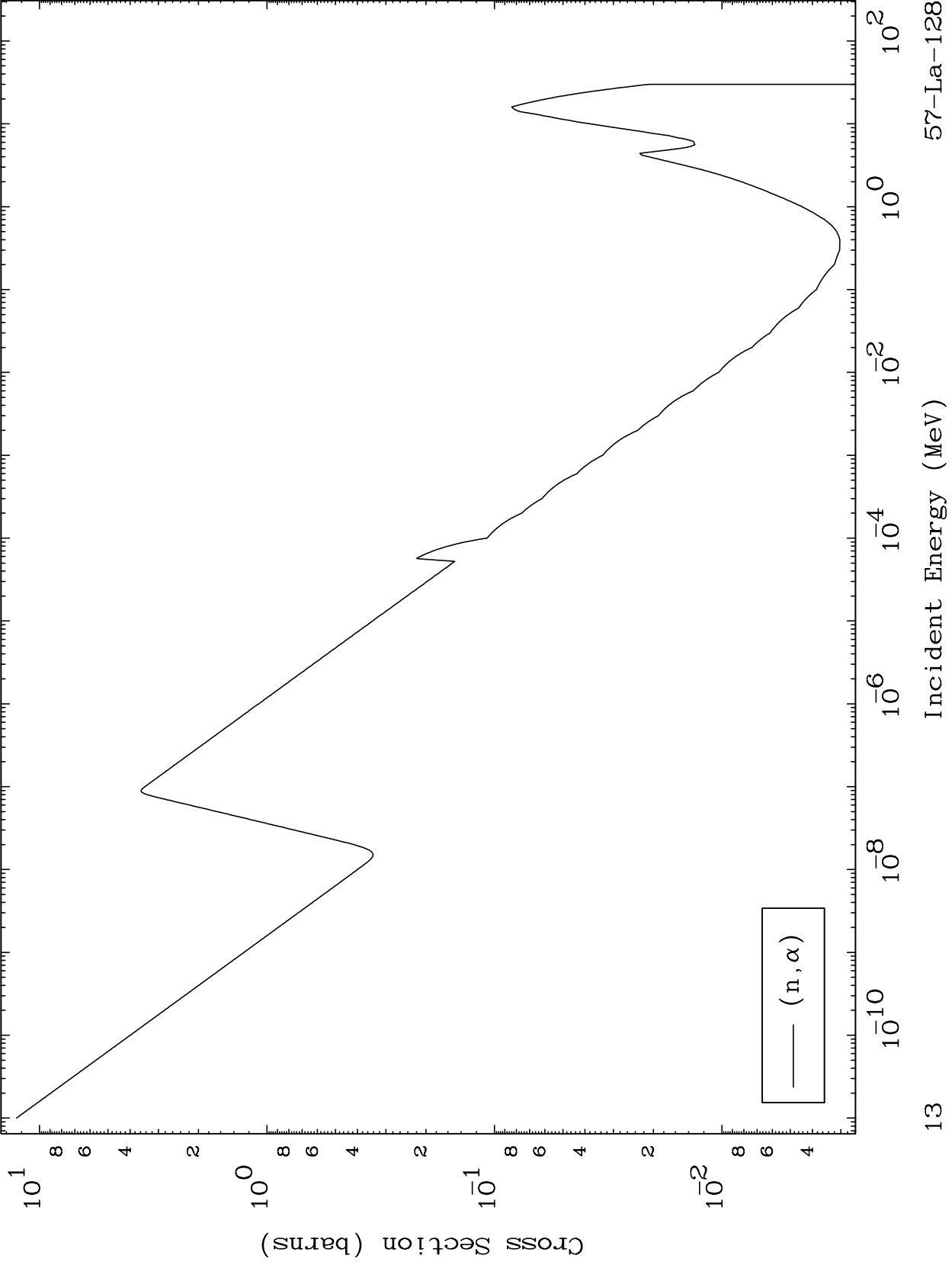
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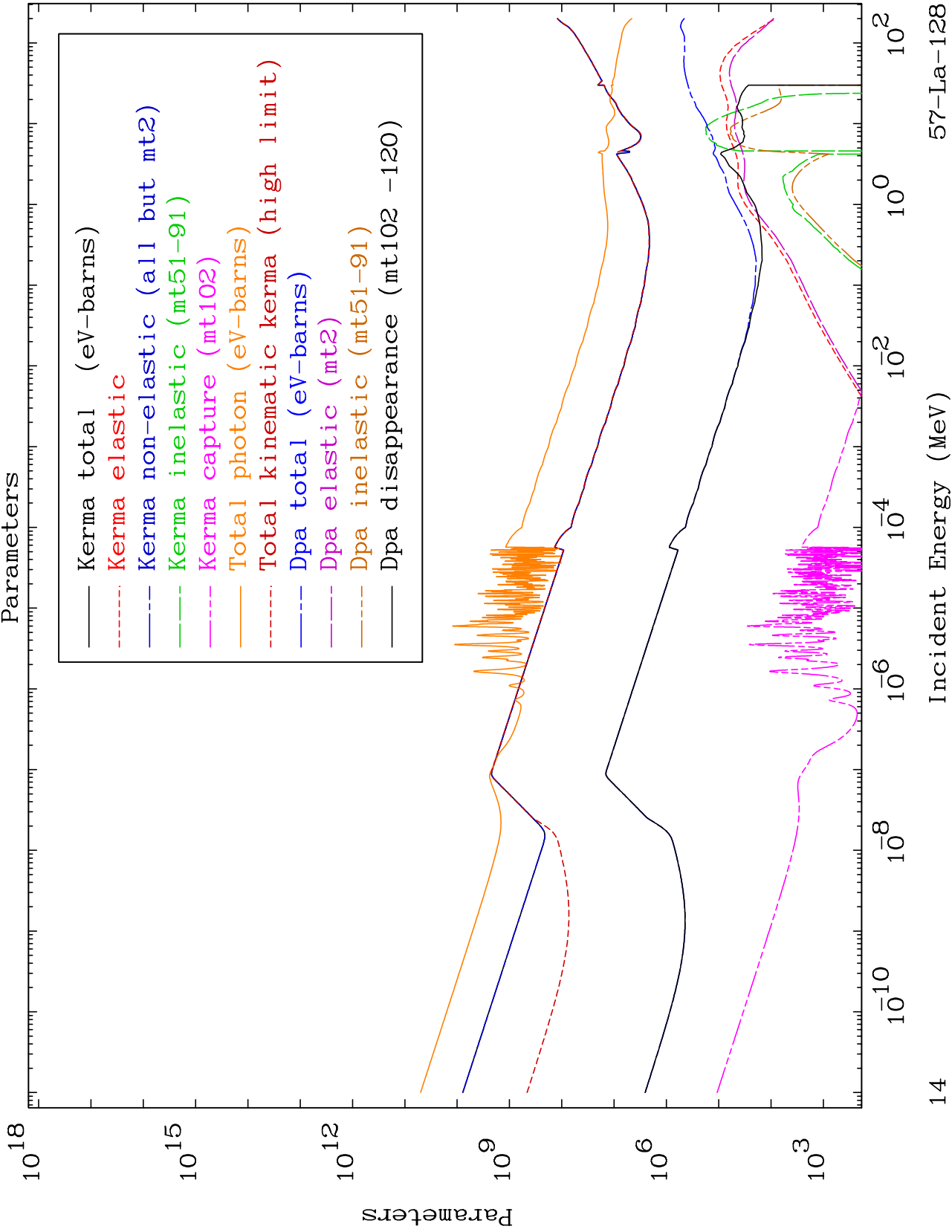
57-La-128

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(n,α) Levels  
293 Kelvin Cross Sections

57-La-128

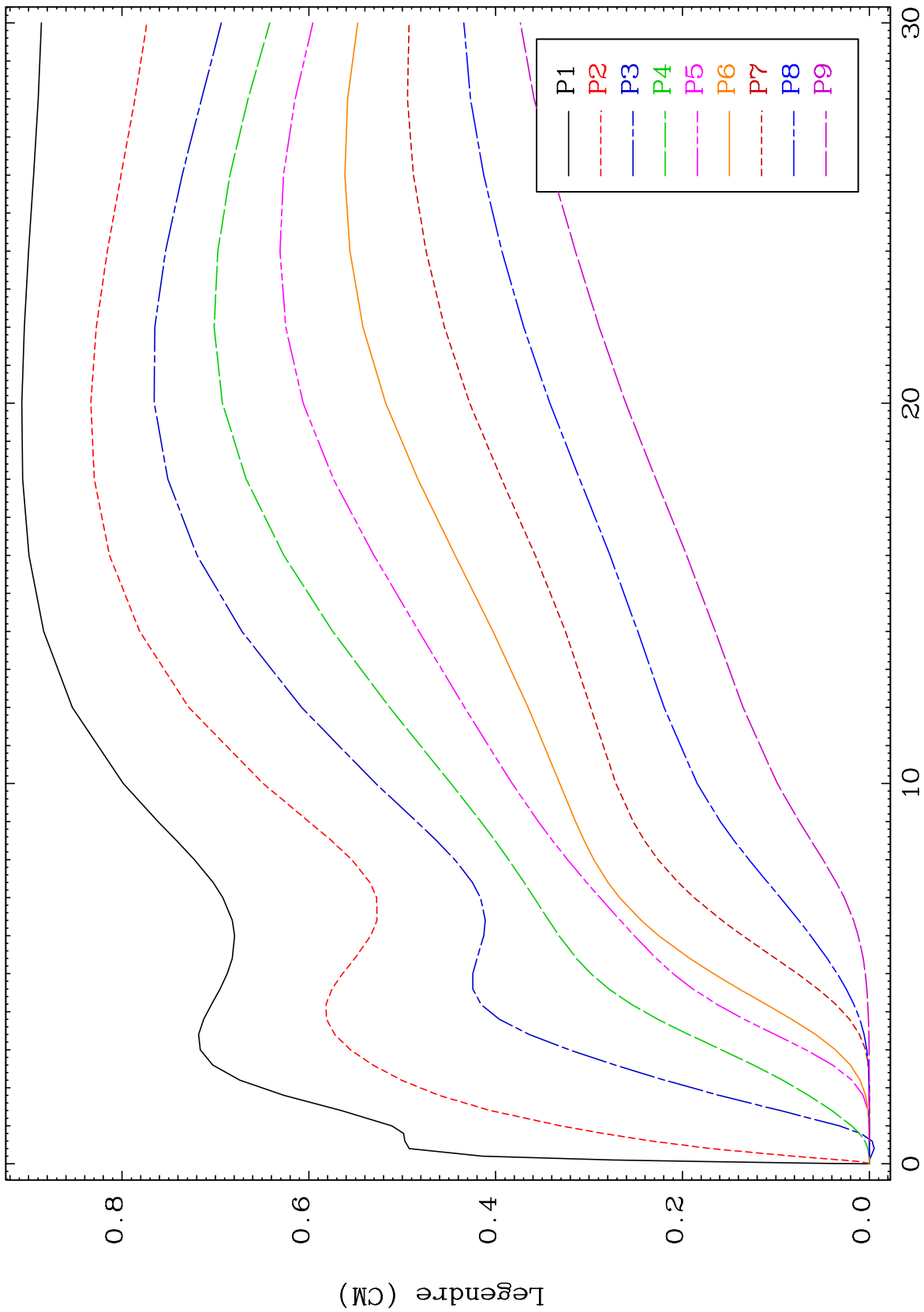




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Elastic Legendre Coefficients

57-La-128



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Incident Energy (MeV)

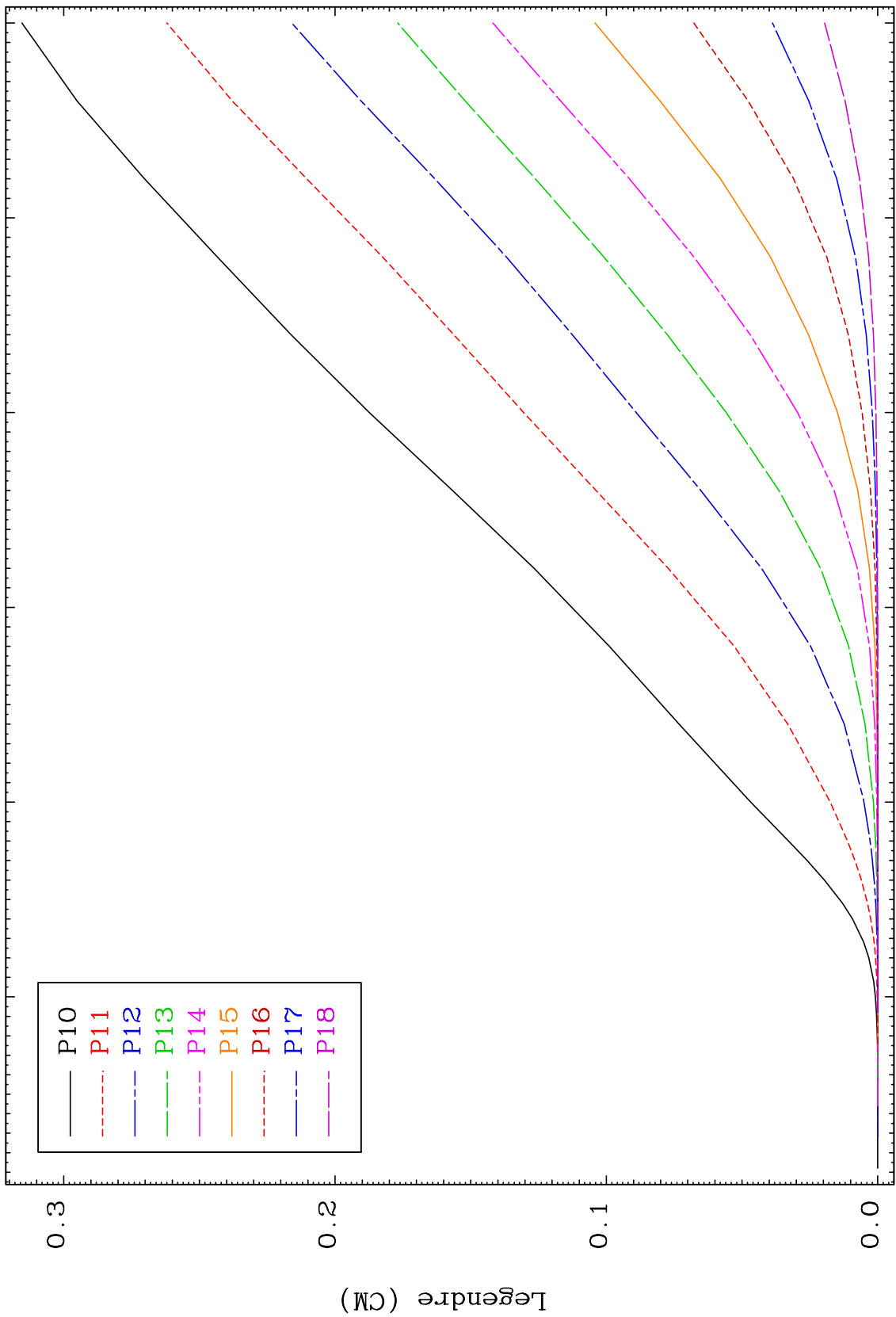
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Elastic Legendre Coefficients

57-La-128



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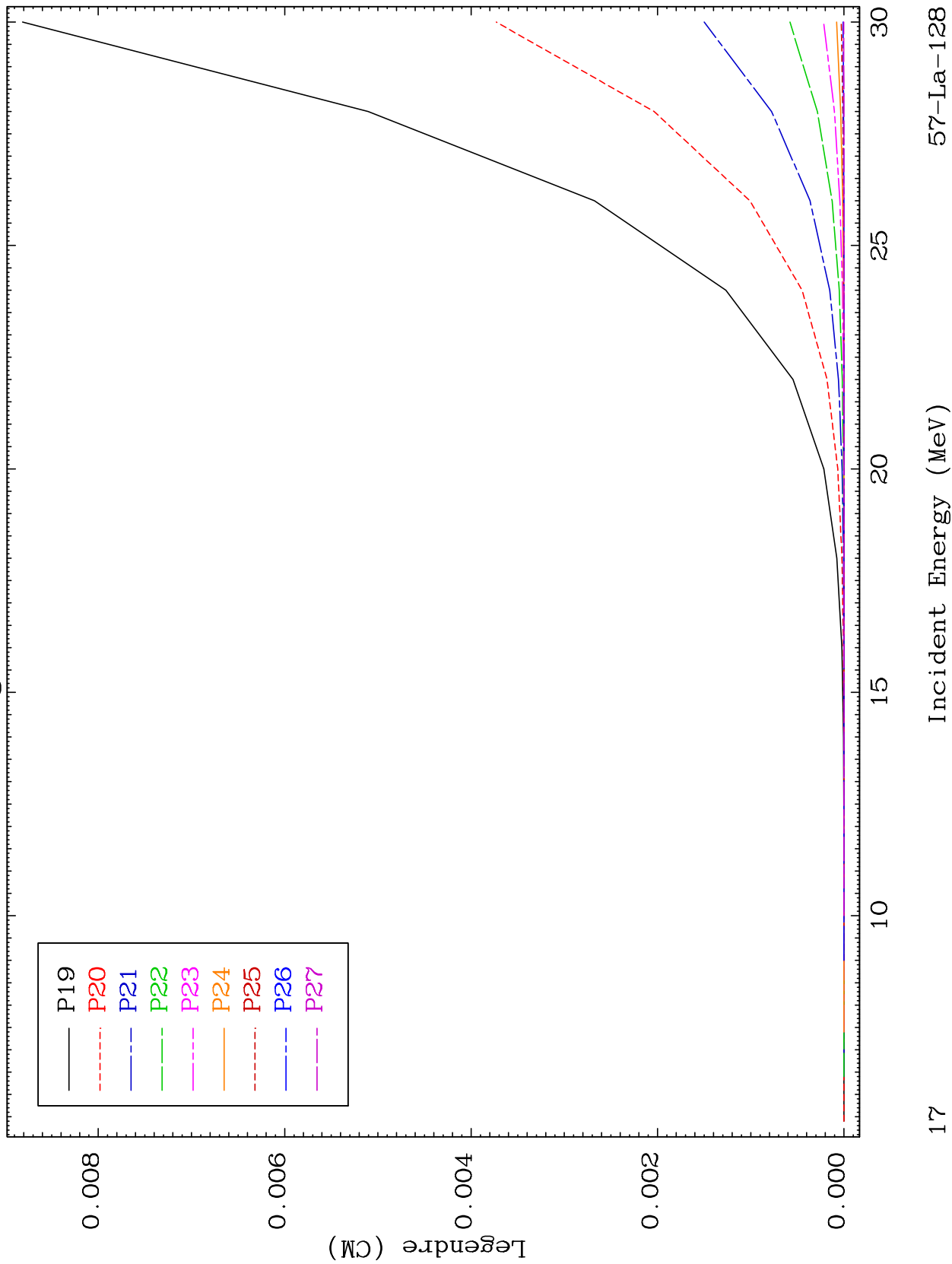
Incident Energy (MeV)

57-La-128

MAT 5695

Elastic Legendre Coefficients

57-La-128



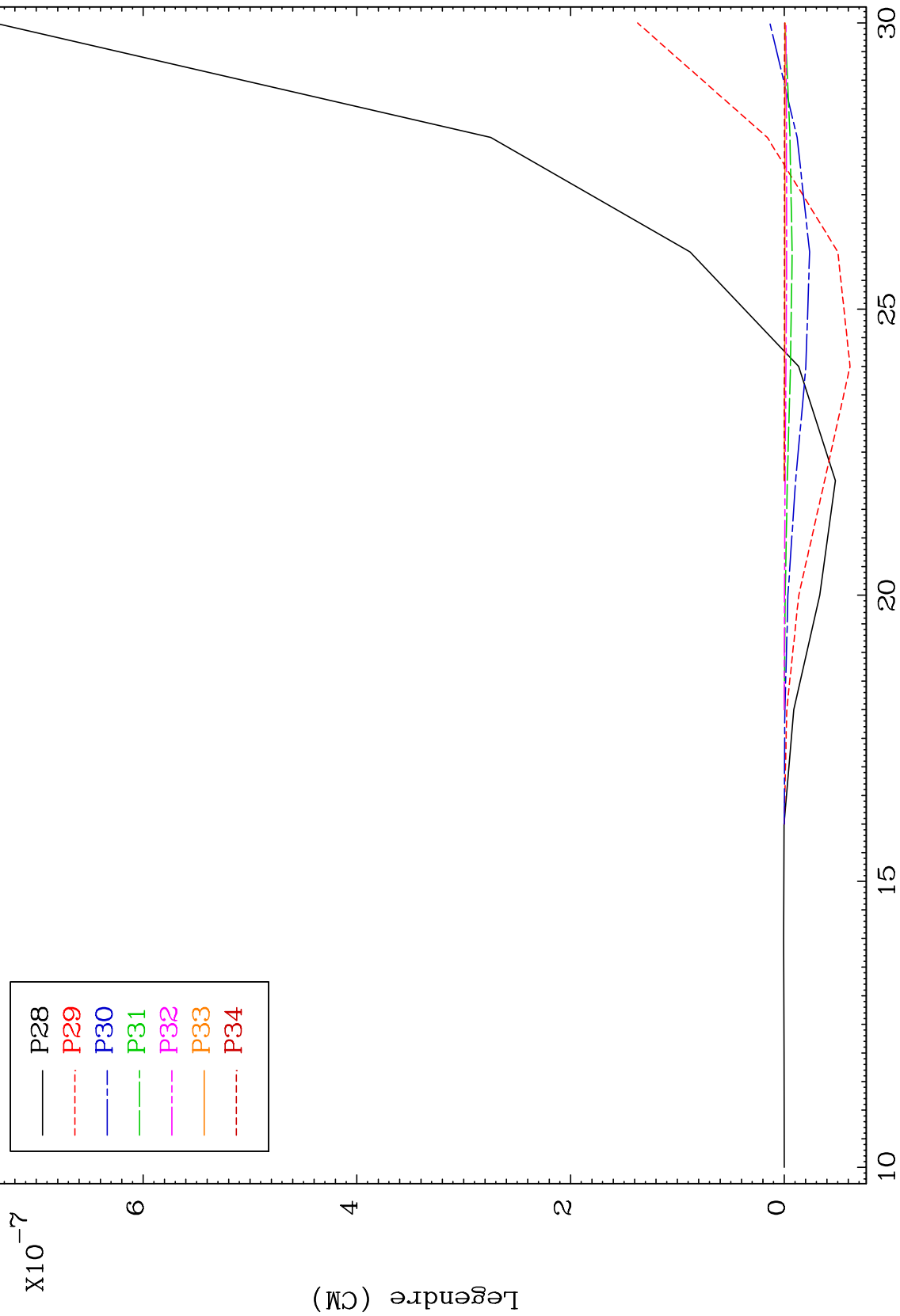
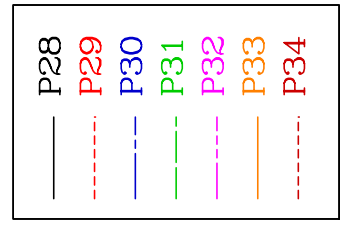
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Elastic Legendre Coefficients

57-La-128



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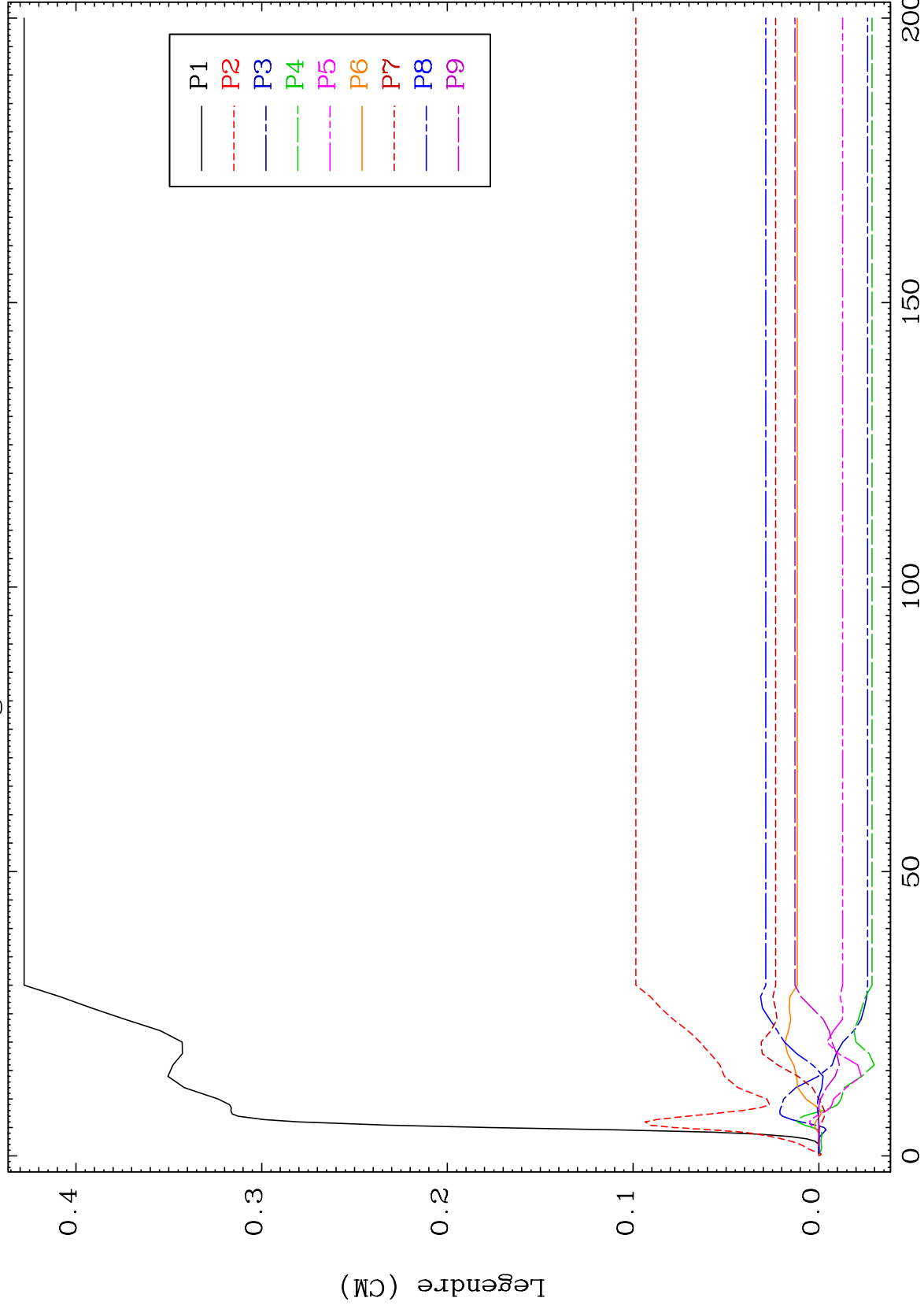
Incident Energy (MeV)

57-La-128

MAT 5695

37.00 keV (n,n') Level  
Legendre Coefficients

57-La-128

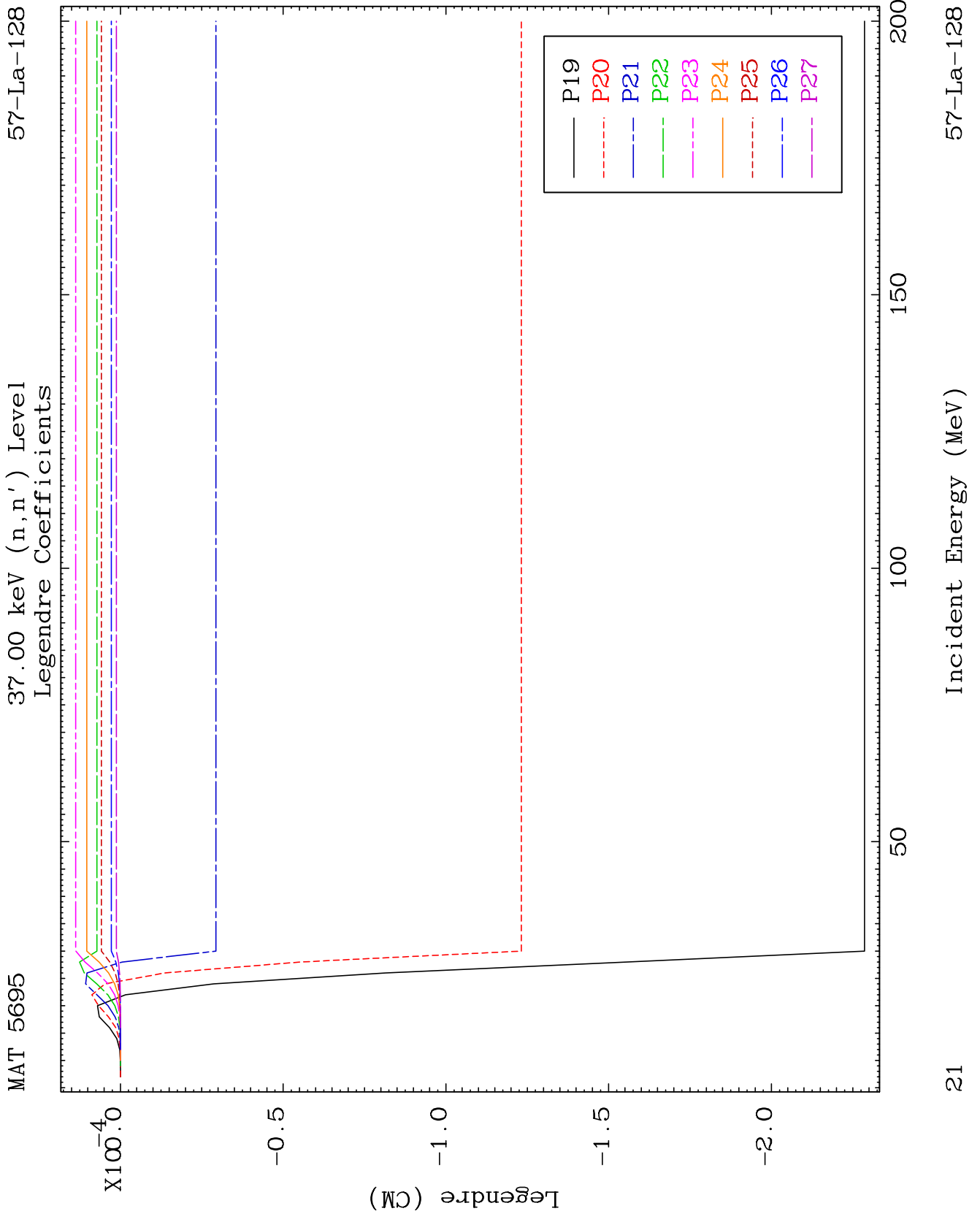


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Incident Energy (MeV)

57-La-128

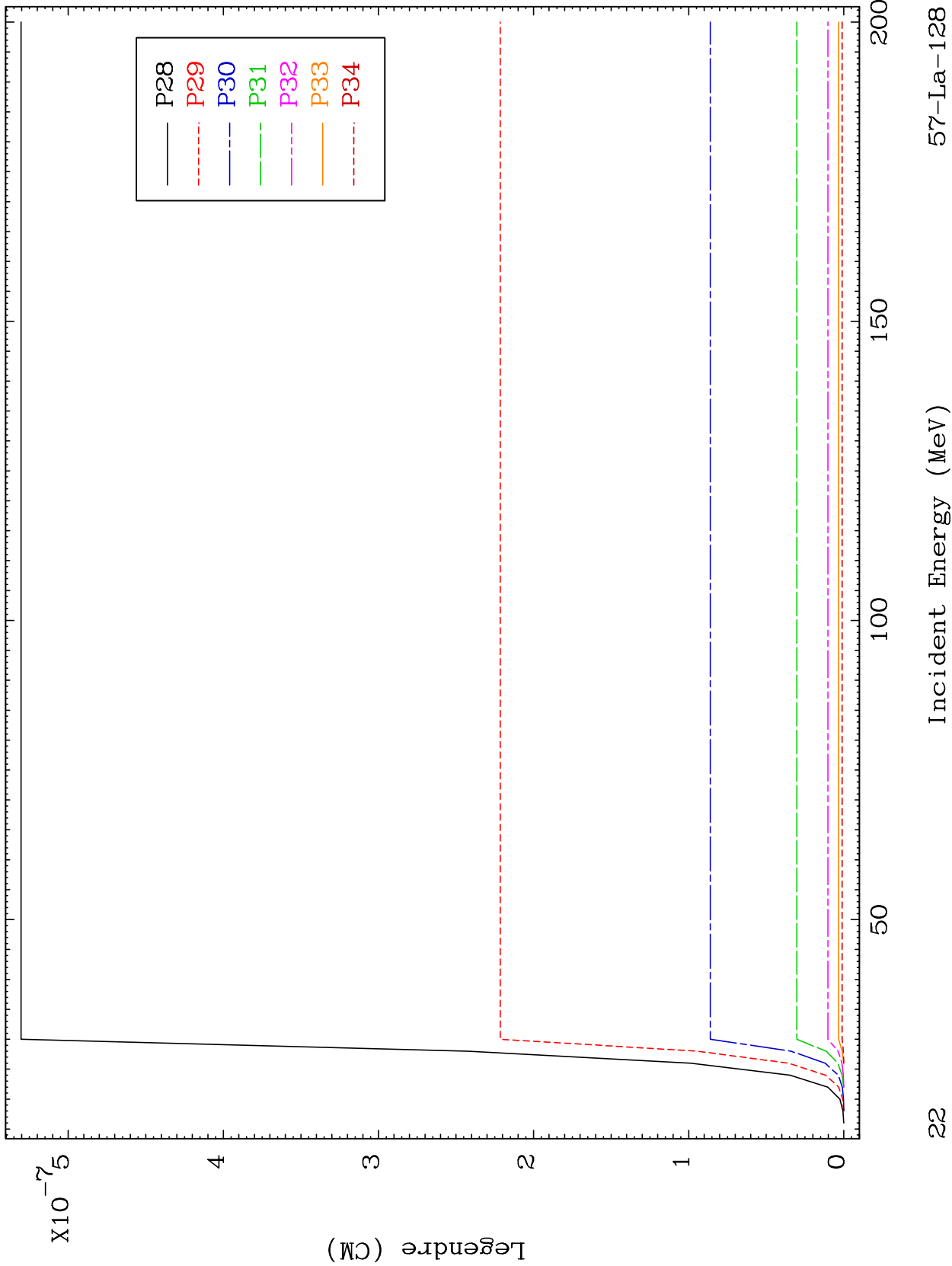




MAT 5695

37.00 keV (n,n') Level  
Legendre Coefficients

57-La-128



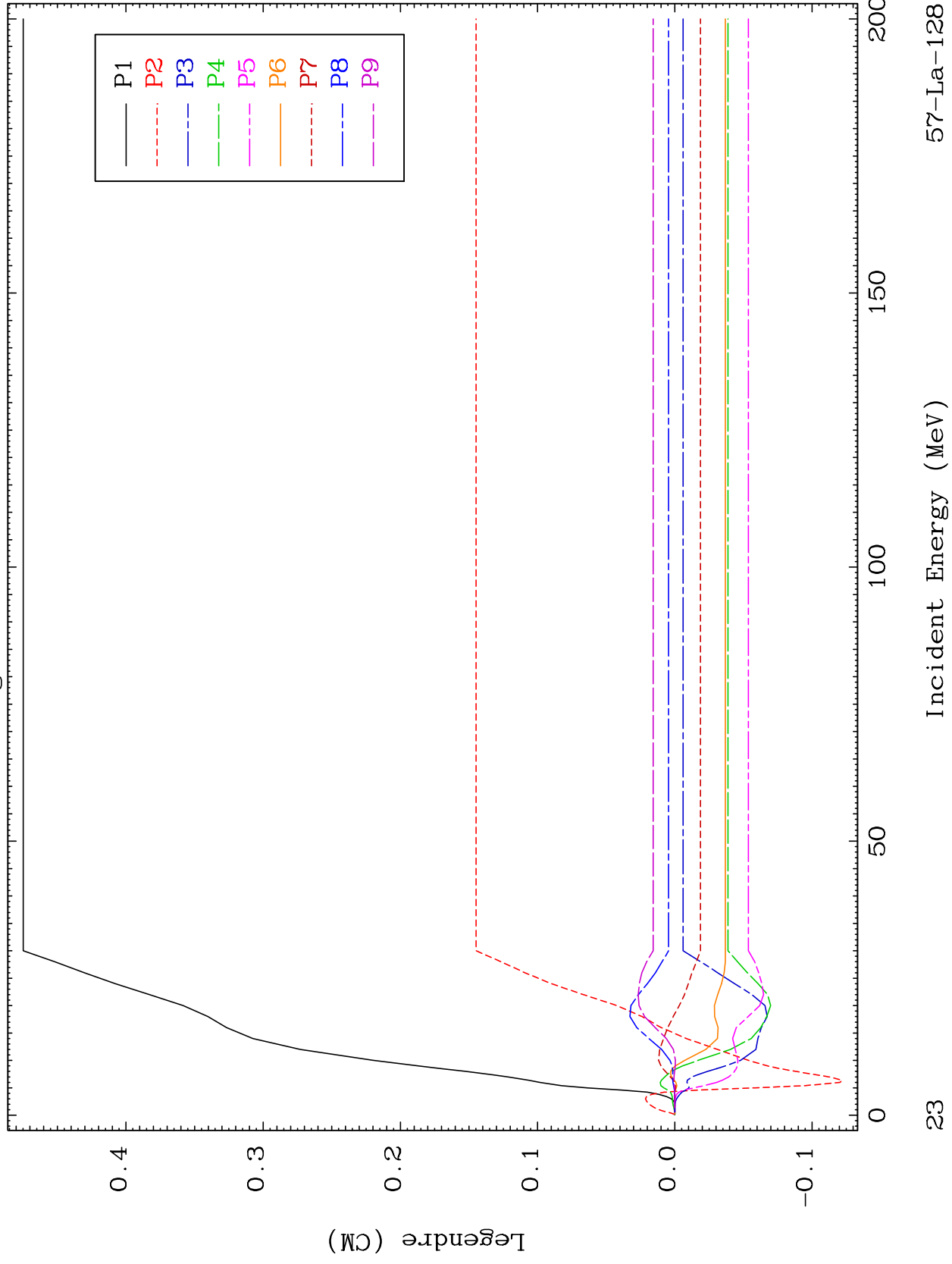
22

57-La-128

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70.40 keV (n,n') Level  
Legendre Coefficients

57-La-128



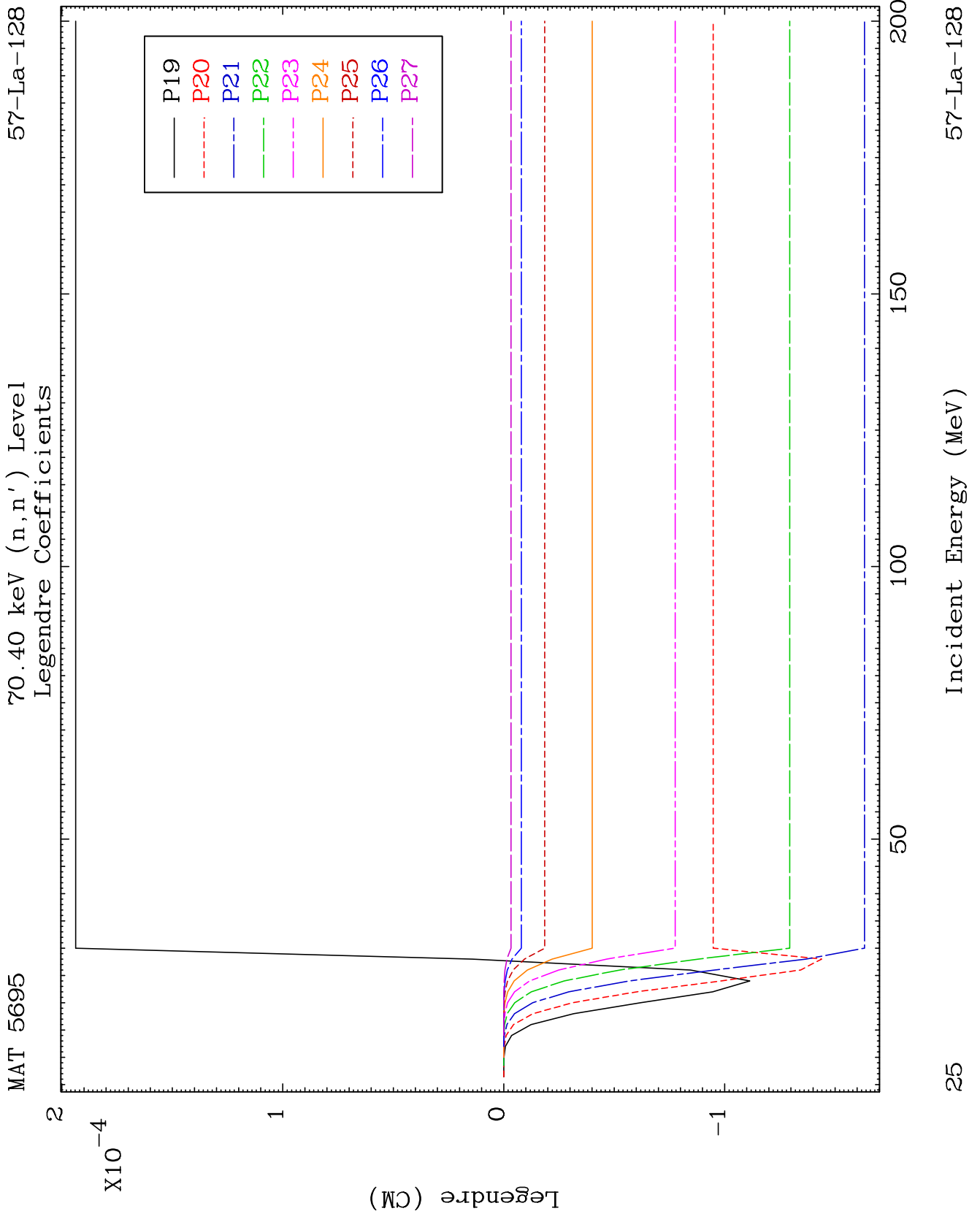
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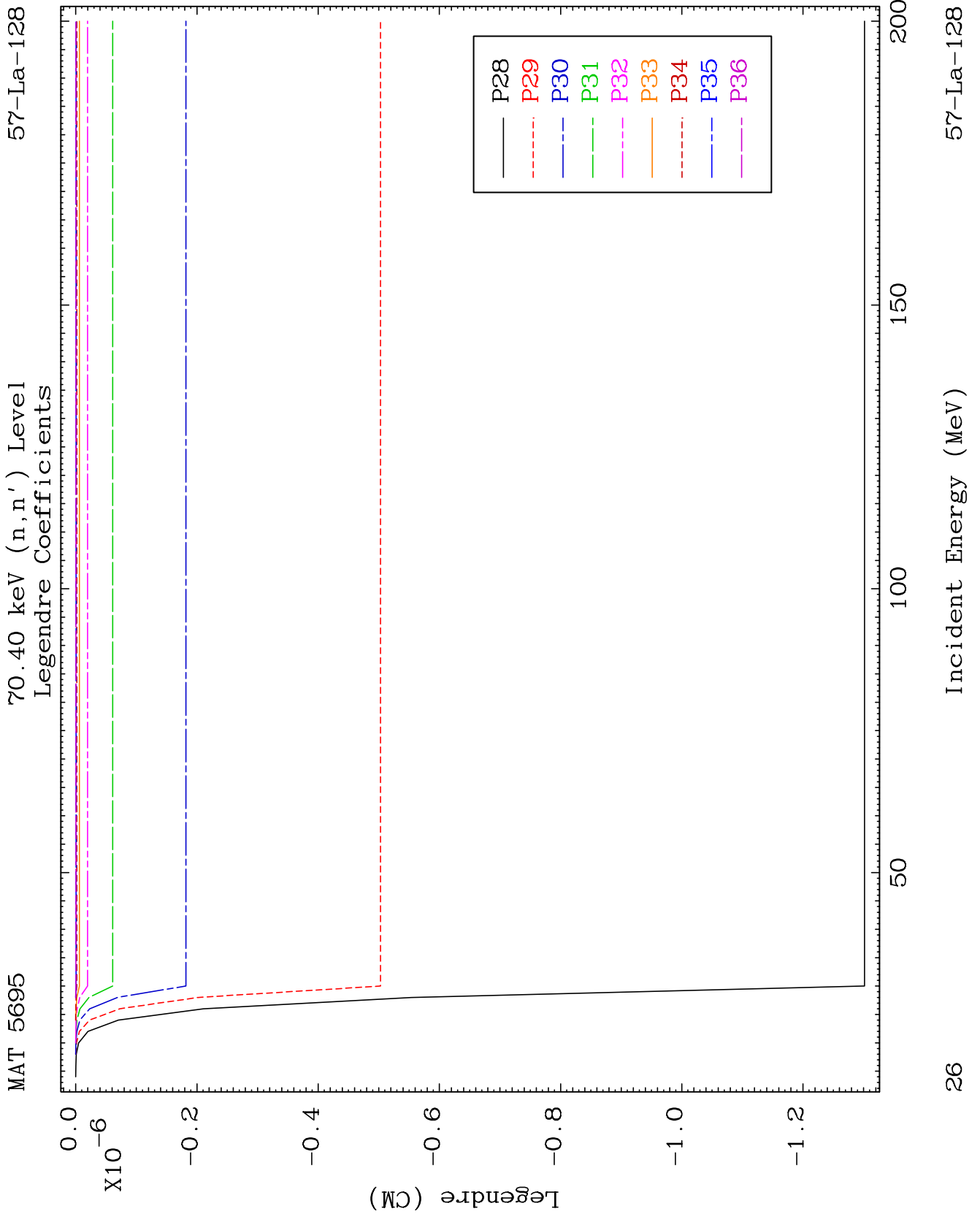
Incident Energy (MeV)

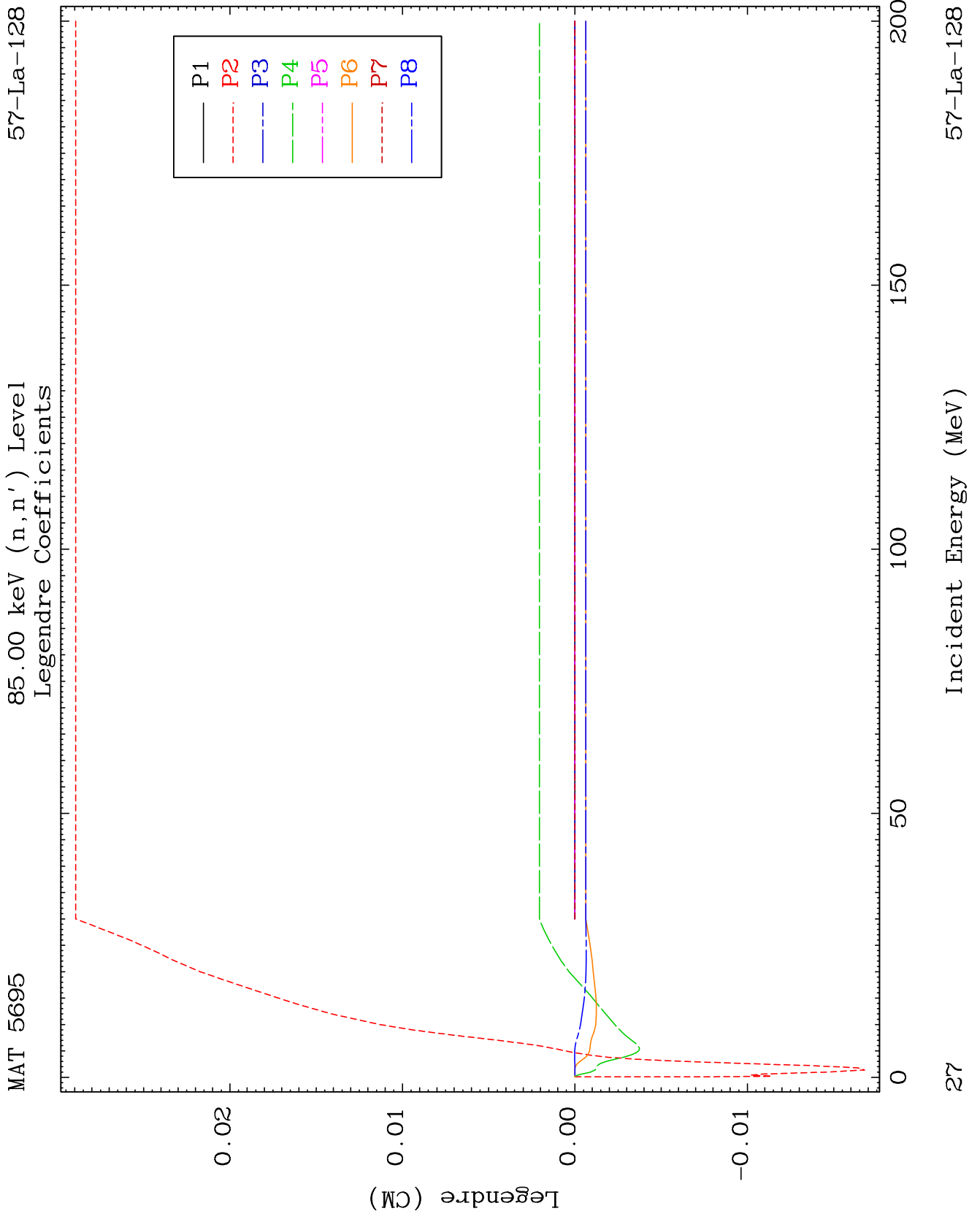
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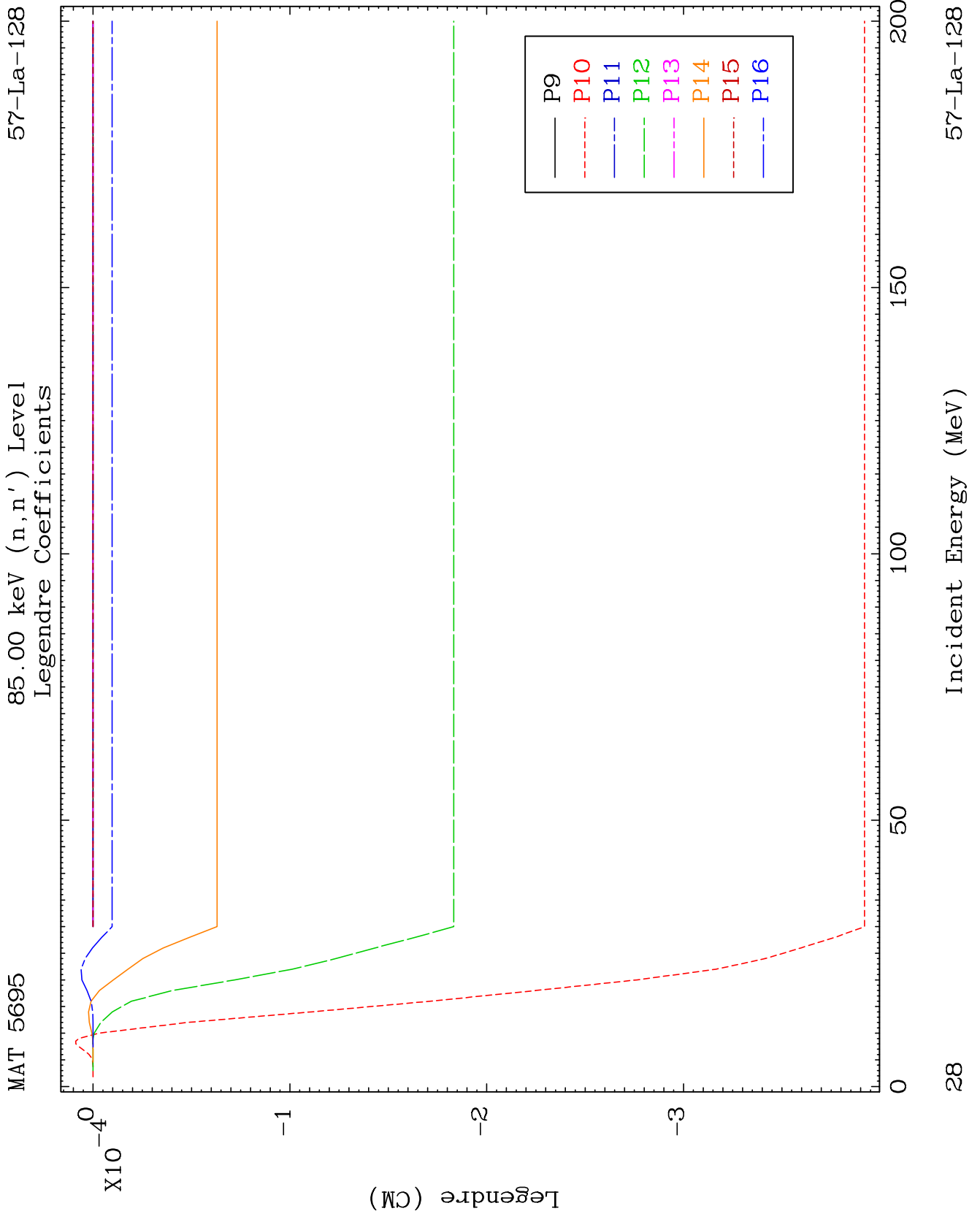


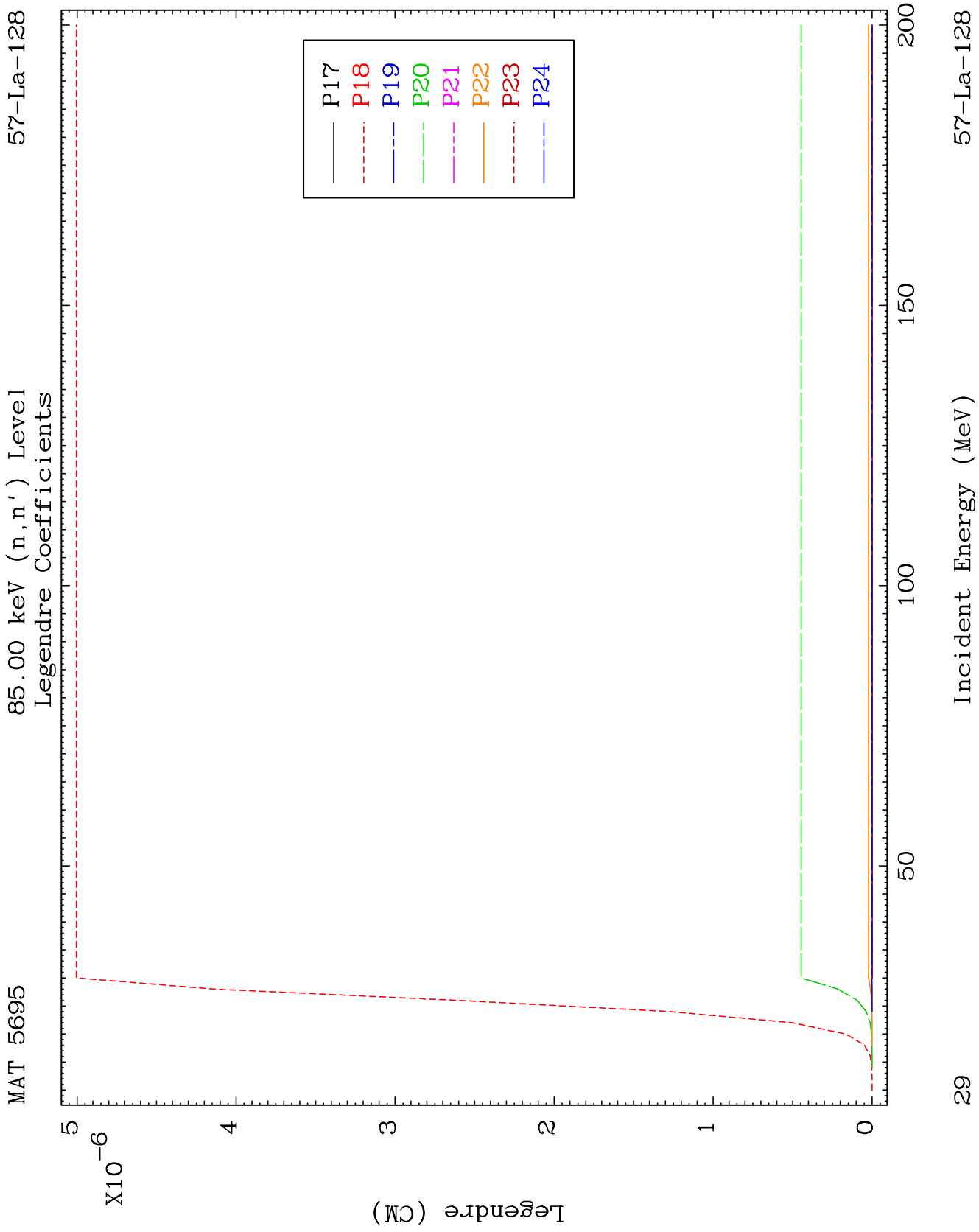


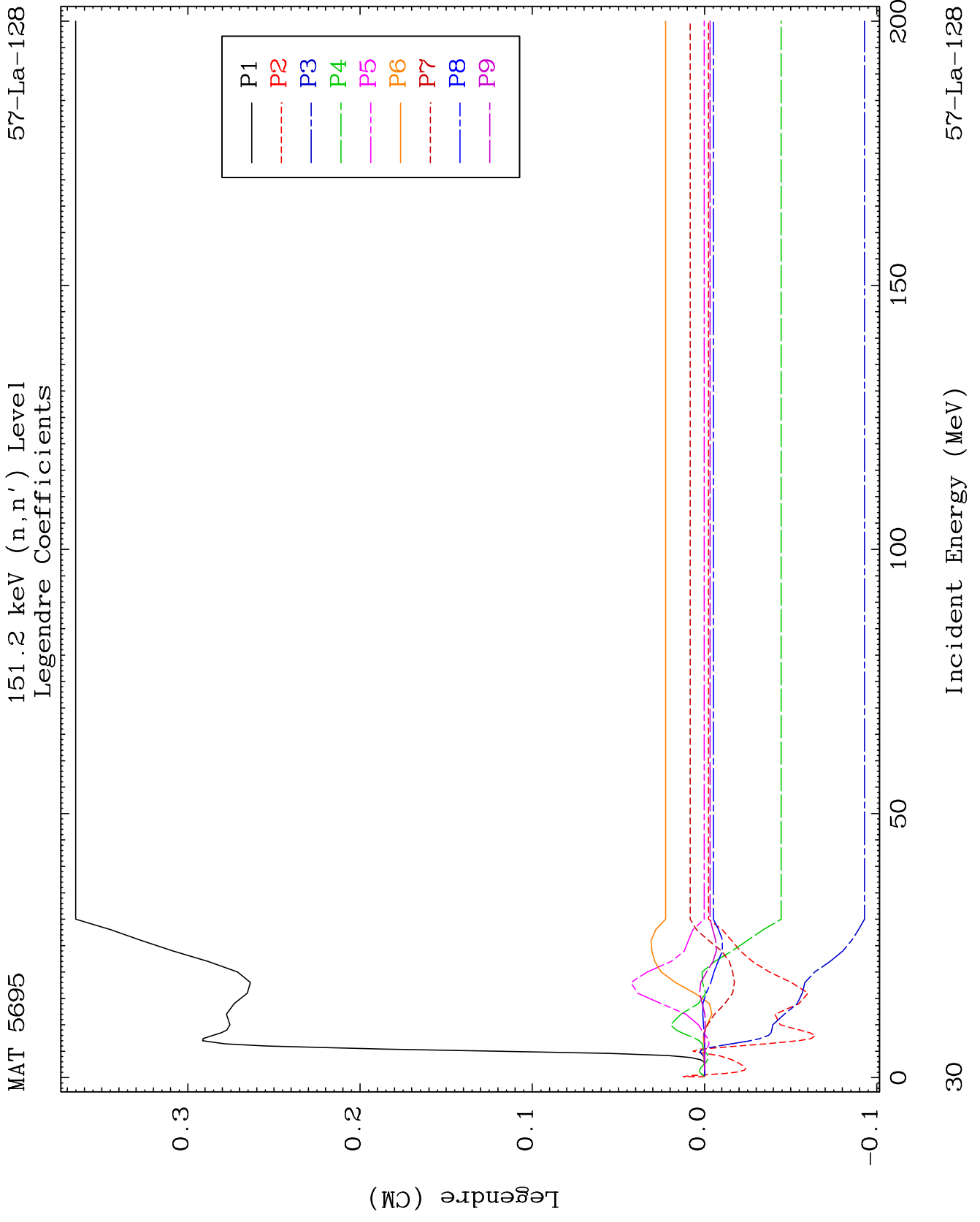


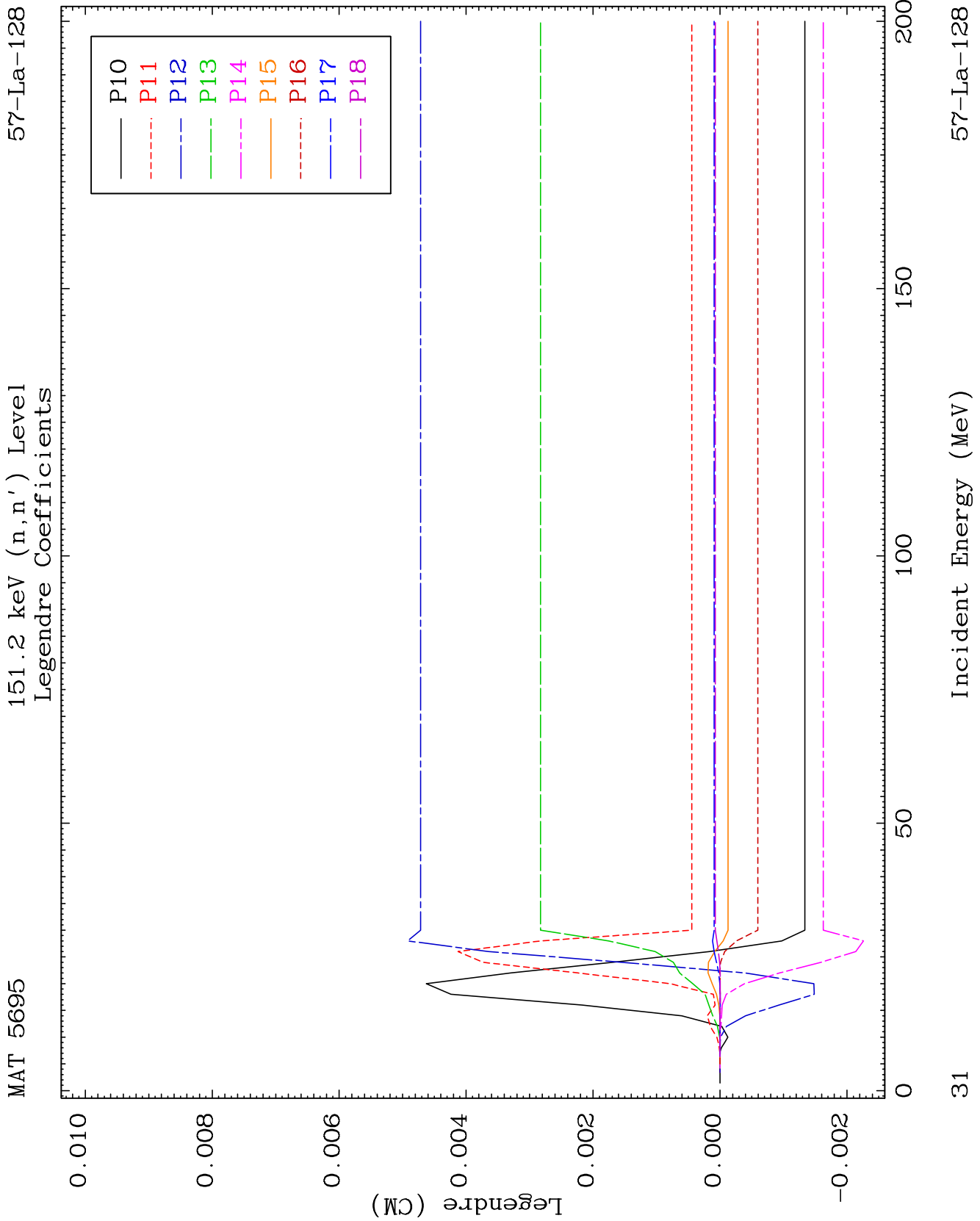




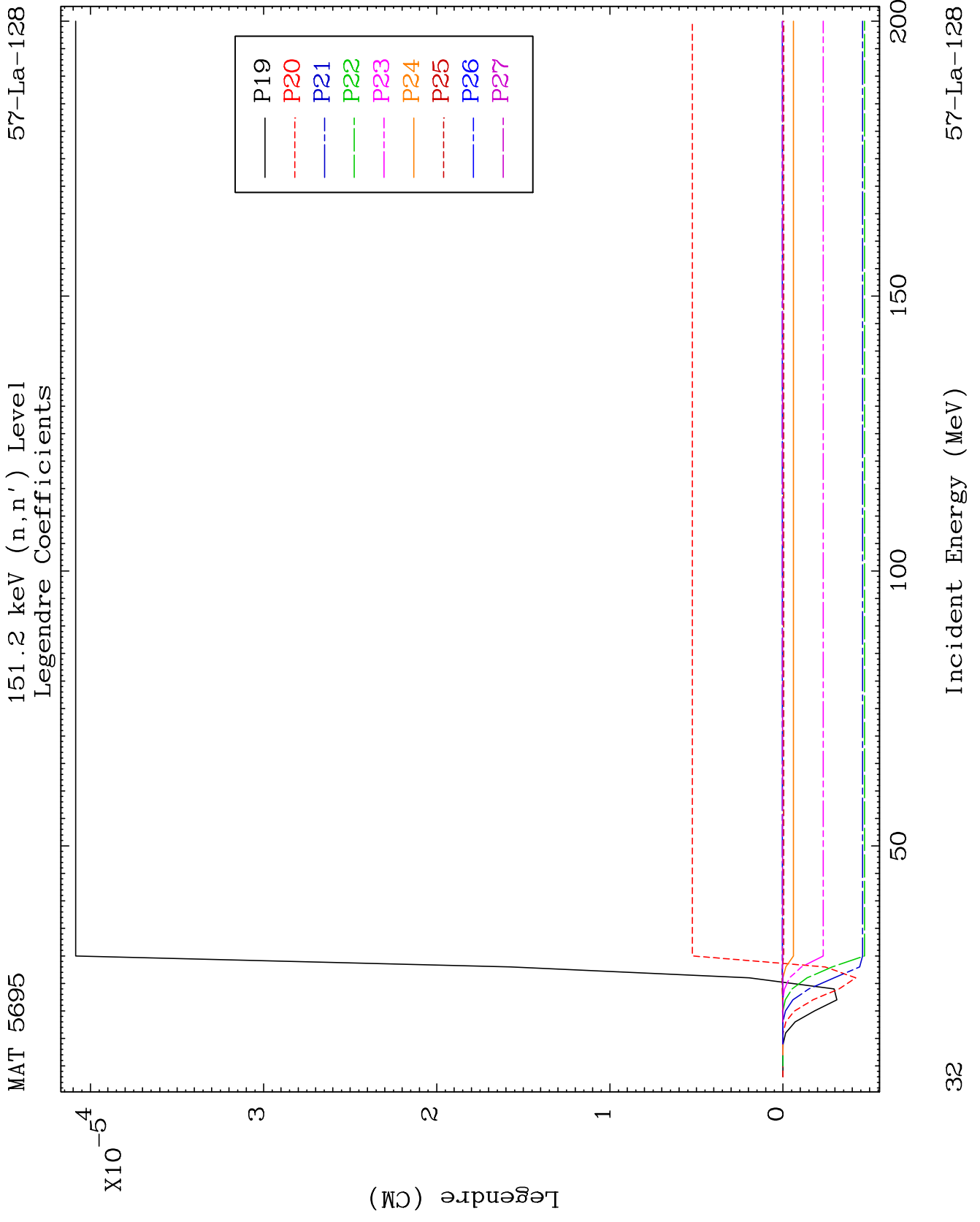








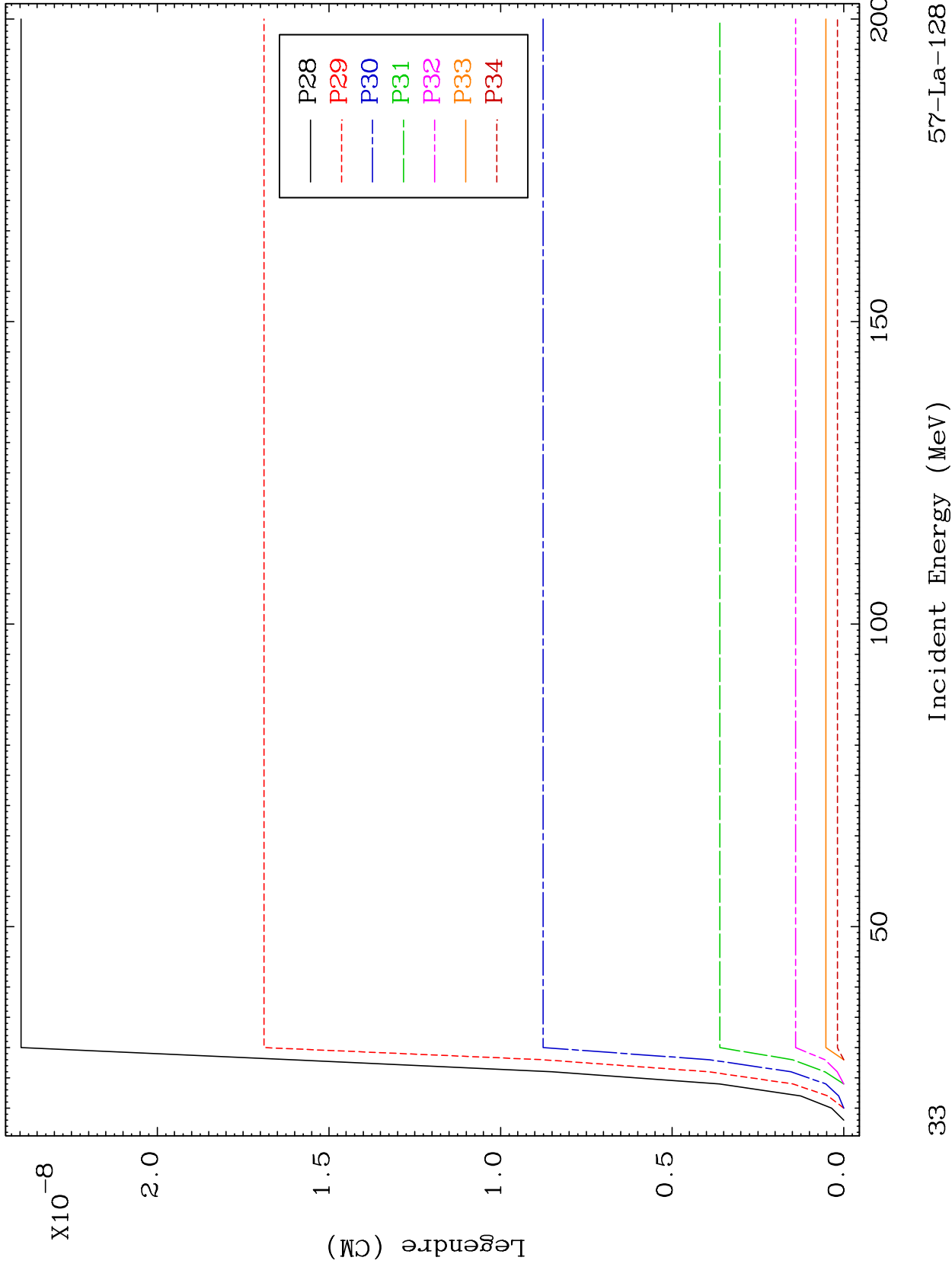




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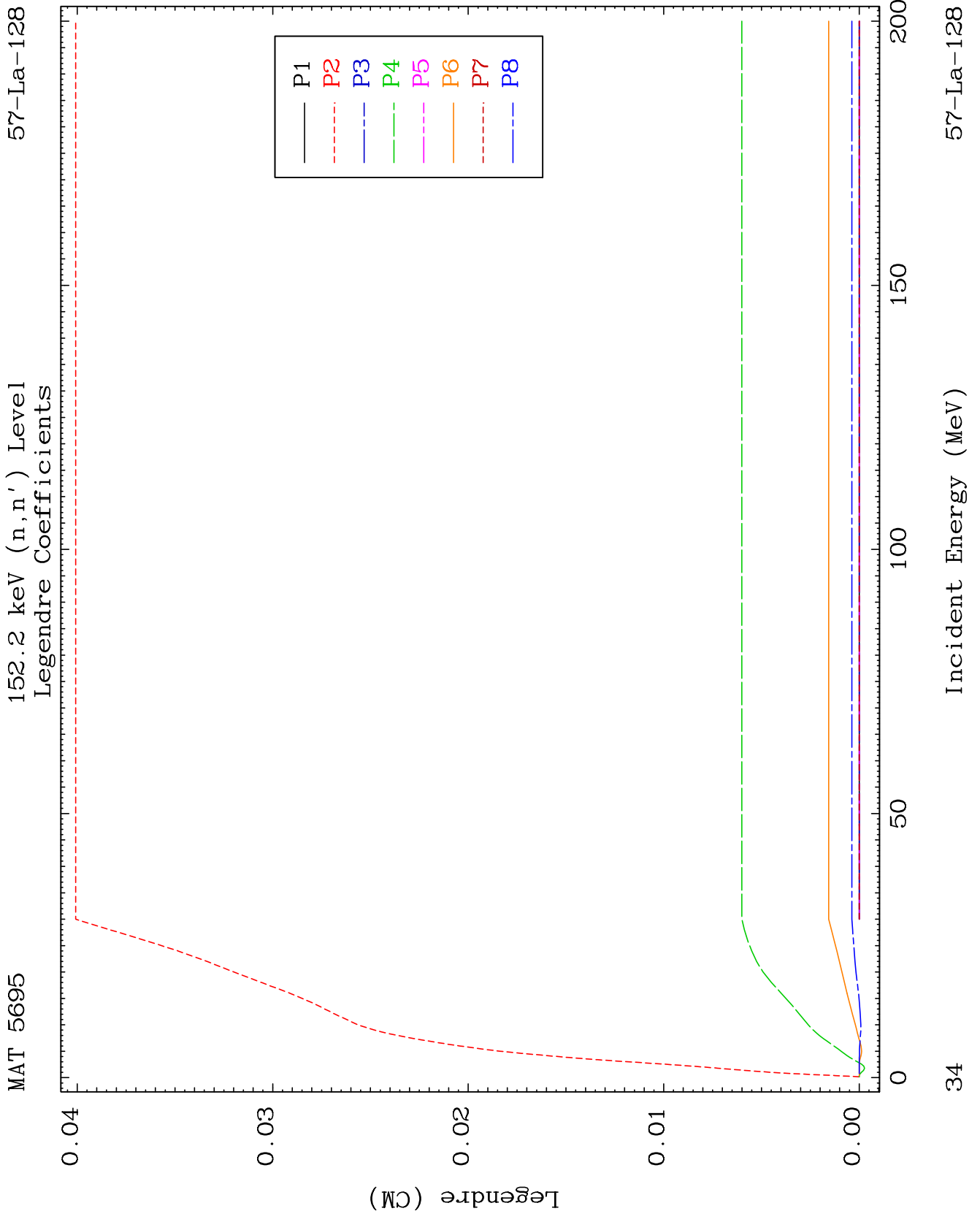
151.2 keV (n,n') Level  
Legendre Coefficients

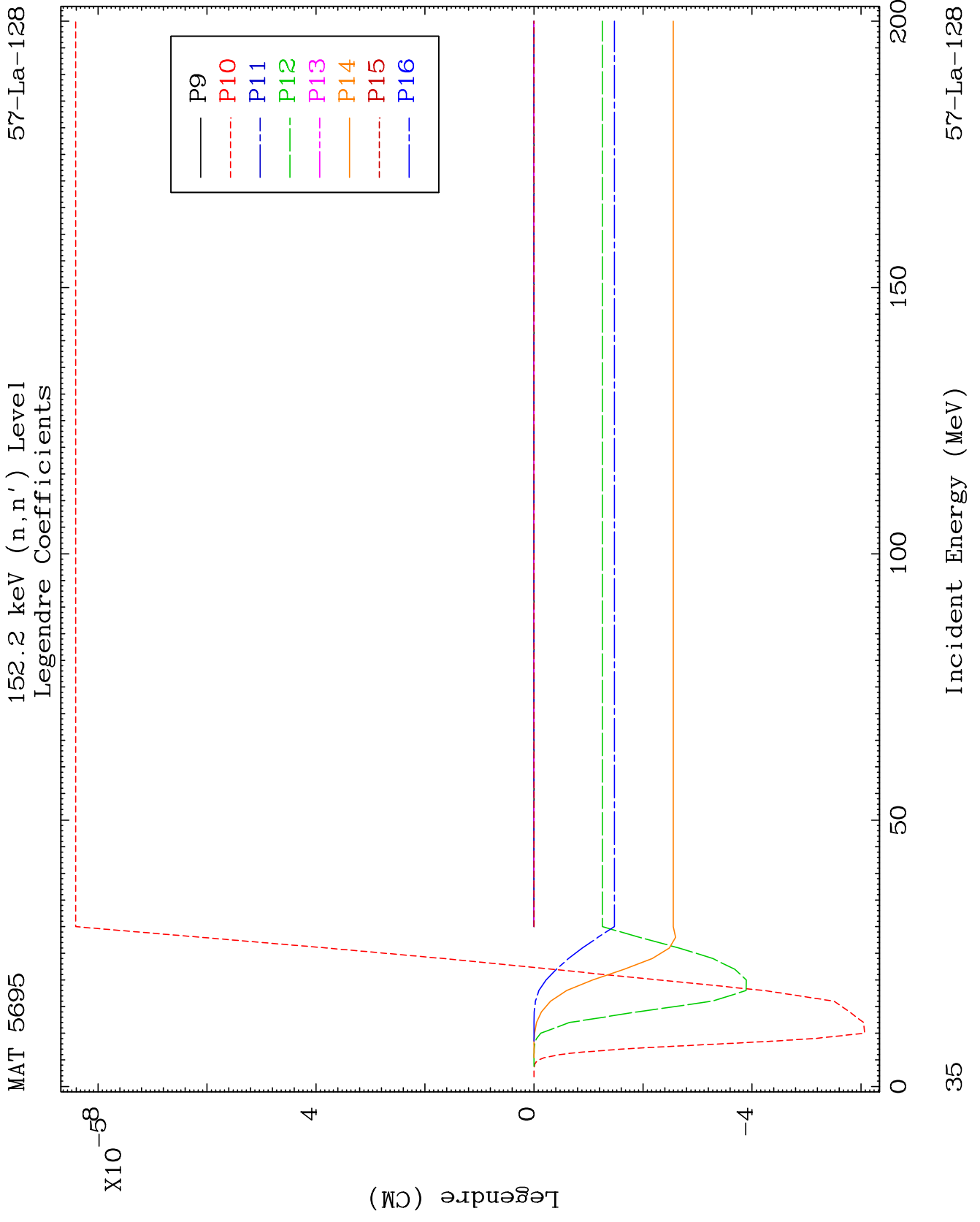
57-La-128

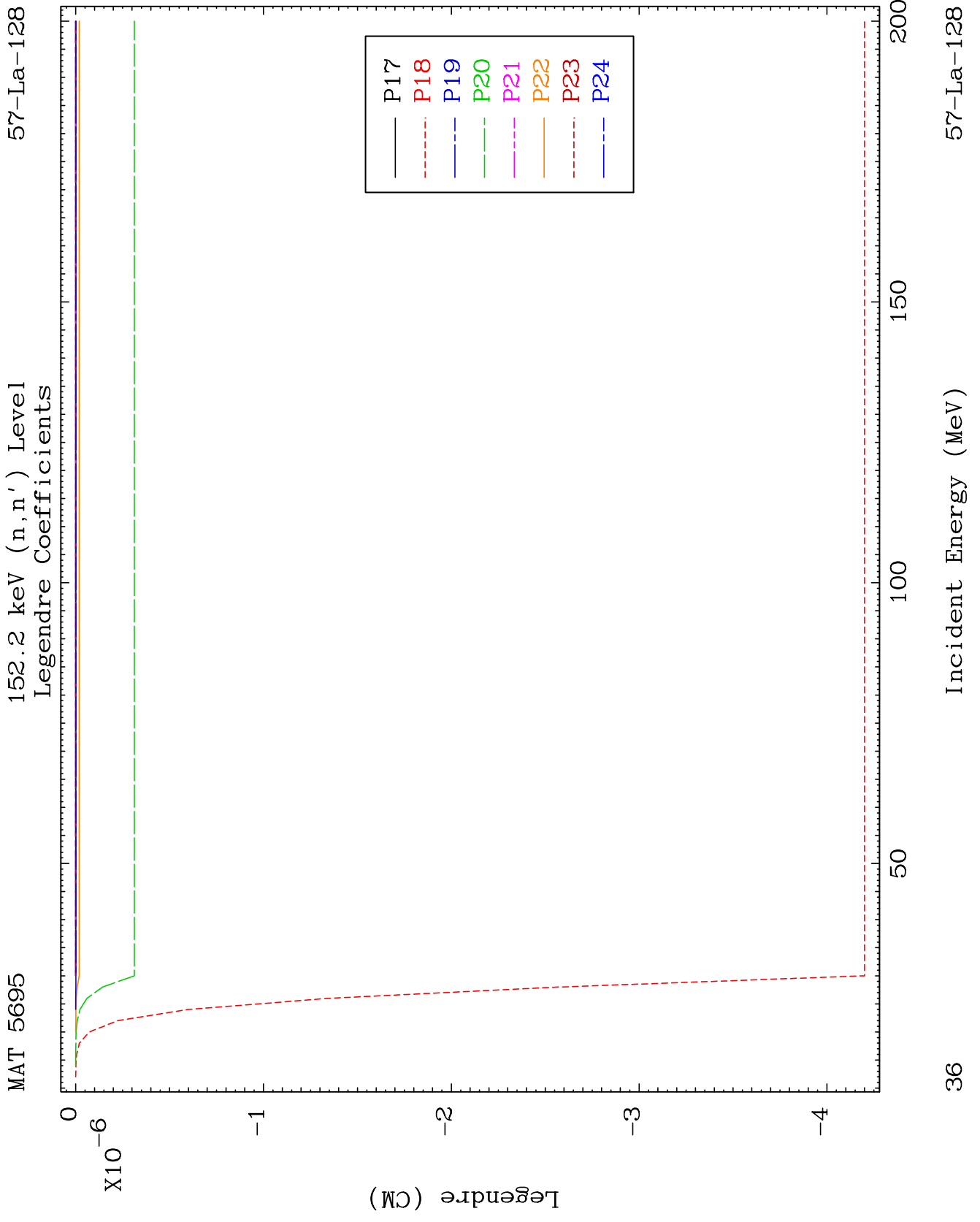


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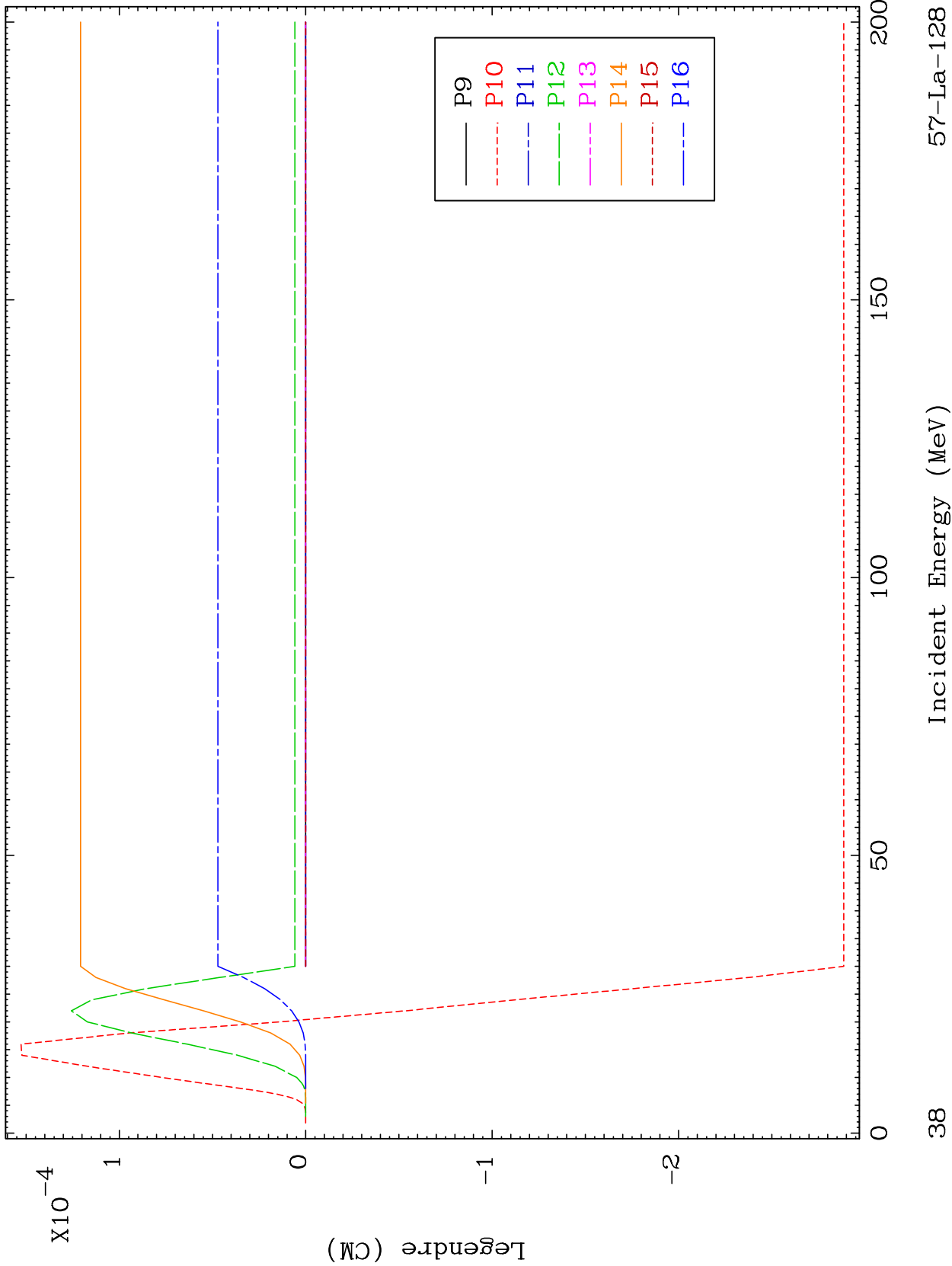




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200.0 keV (n,n') Level  
Legendre Coefficients

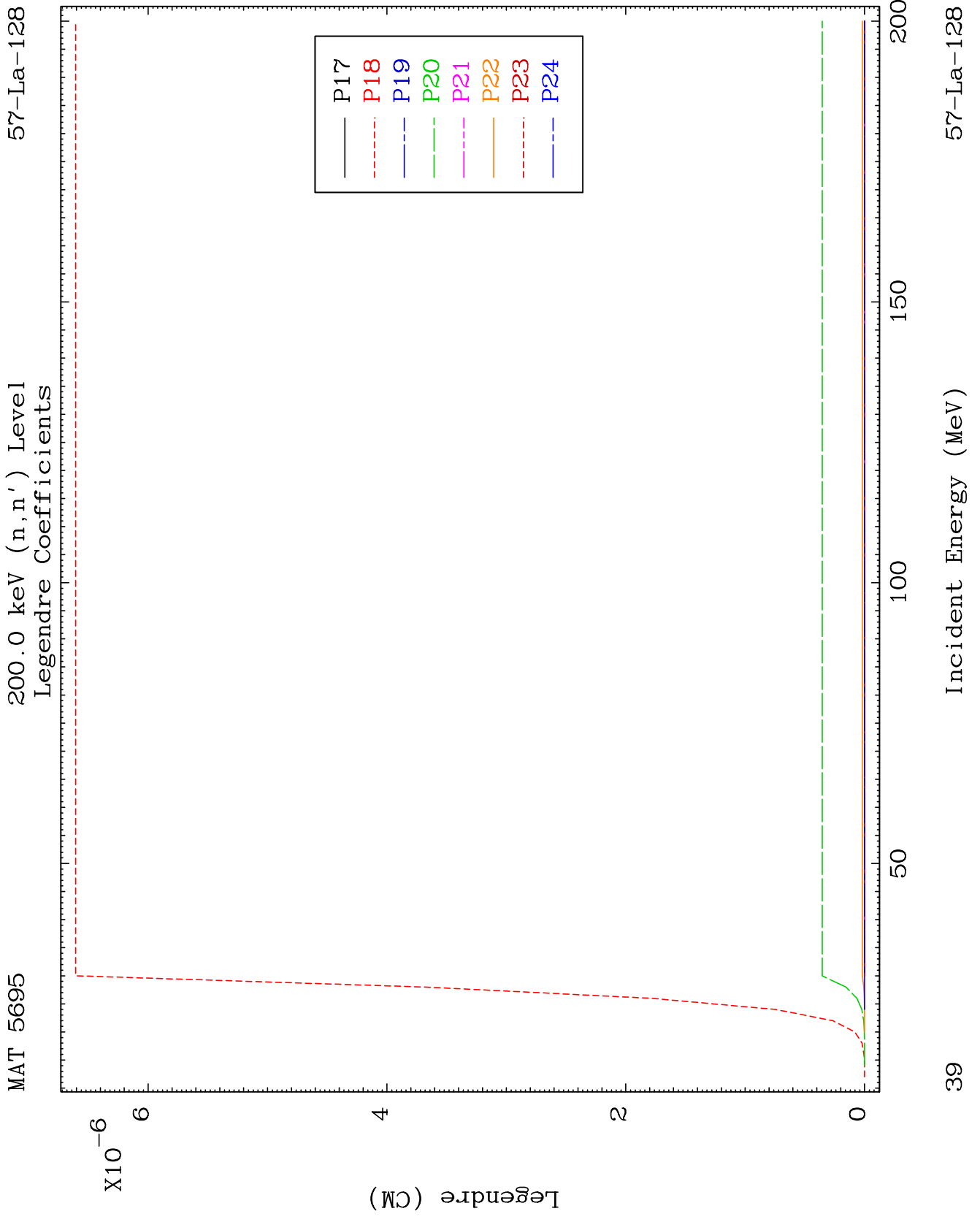
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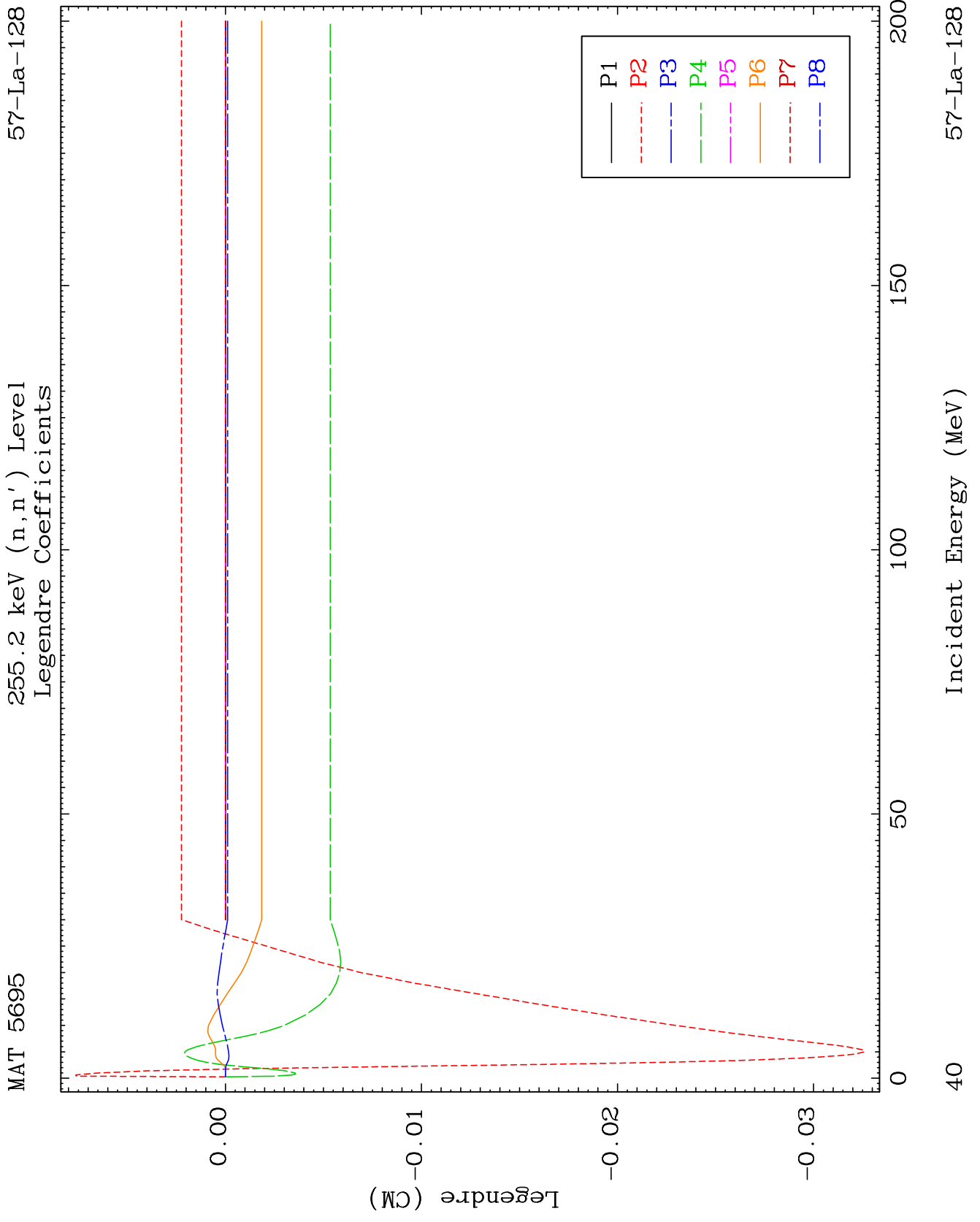
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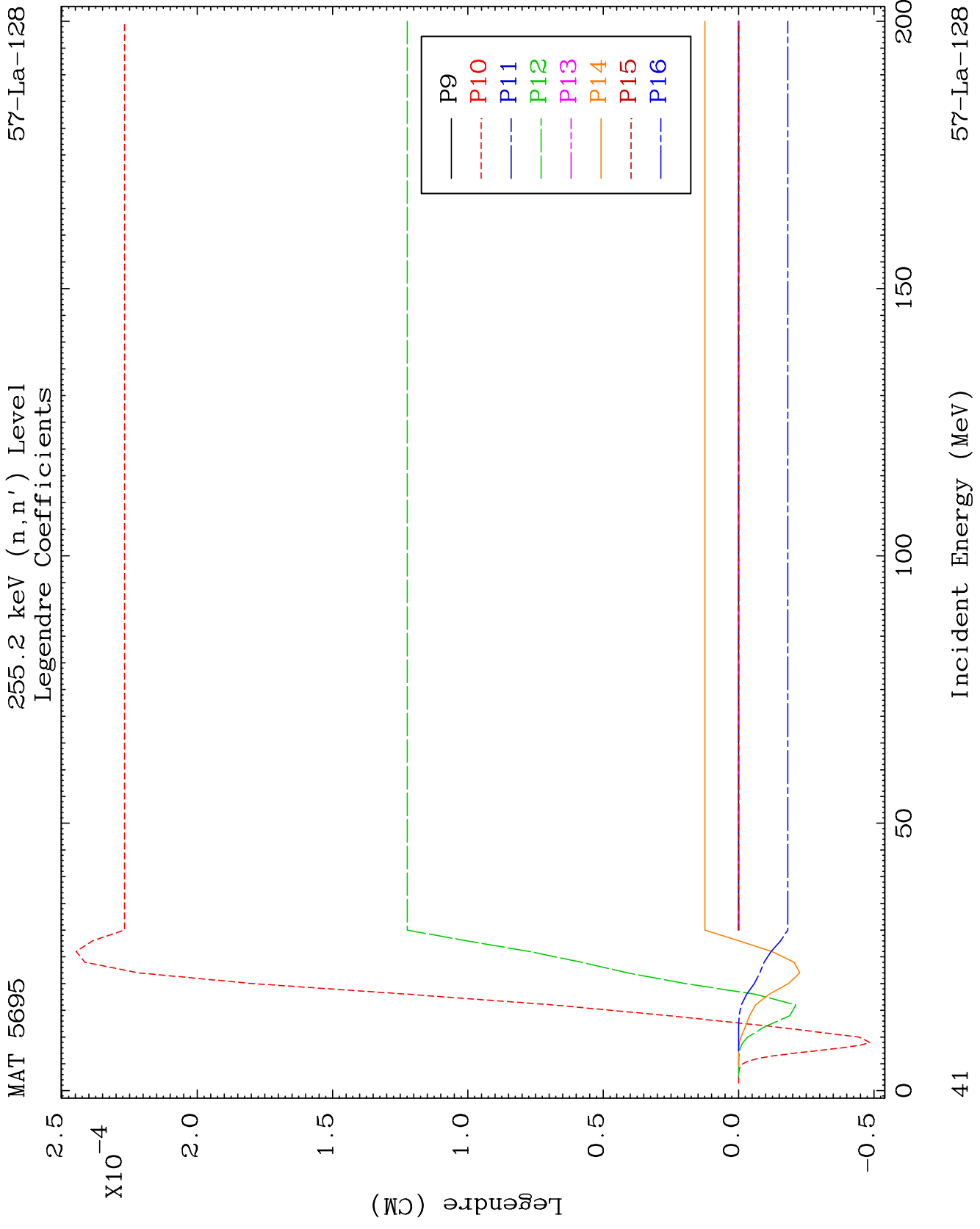
Incident Energy (MeV)

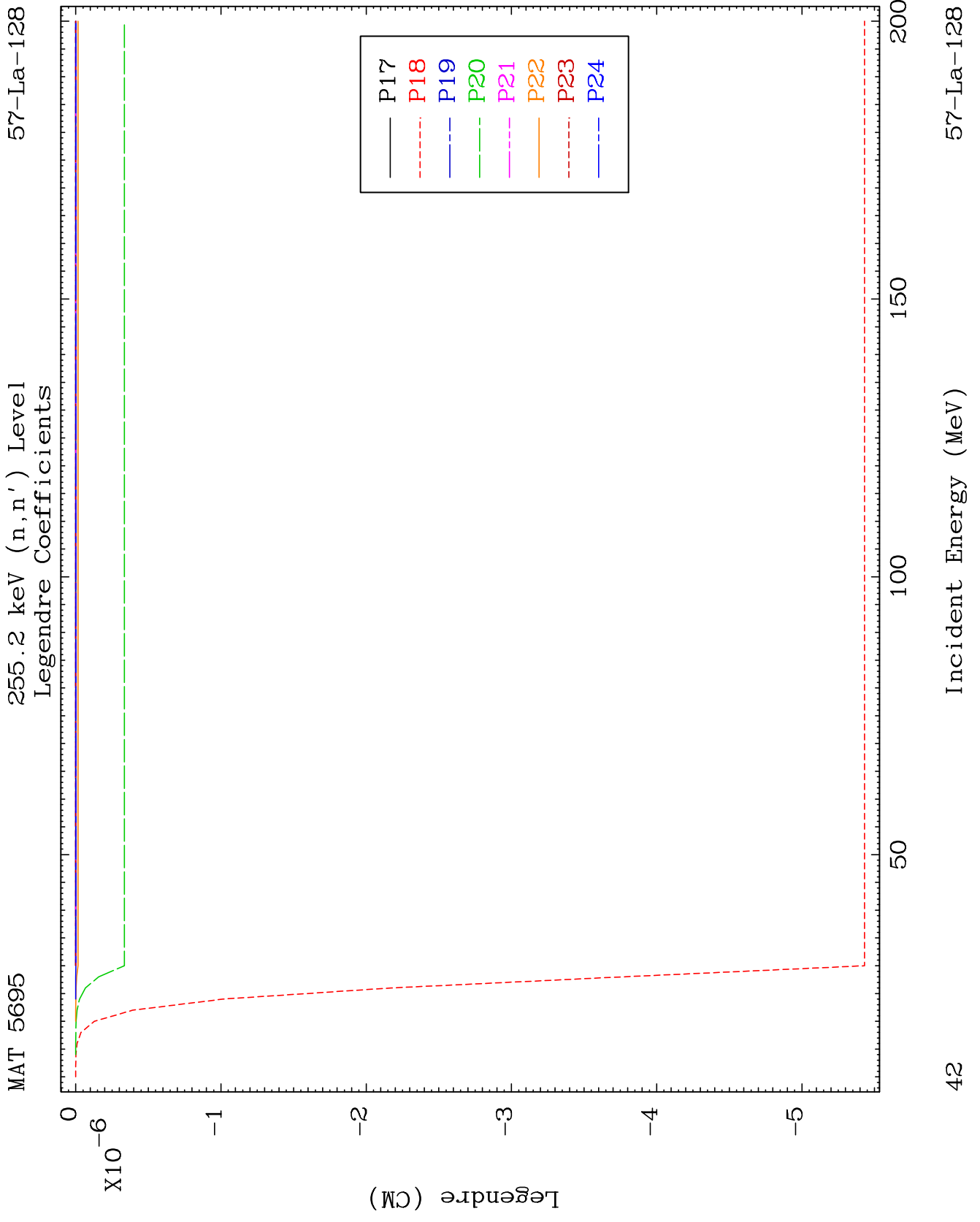
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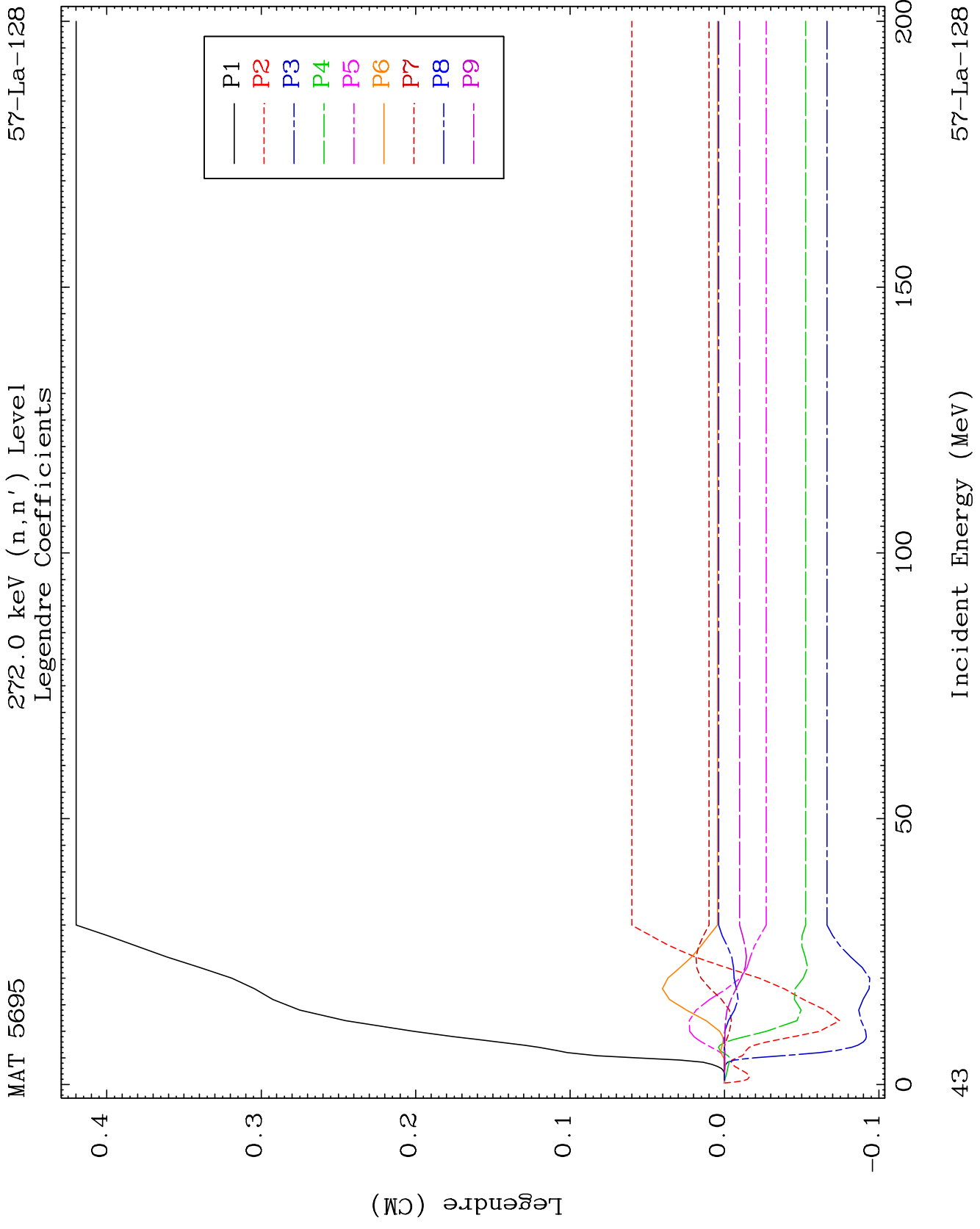


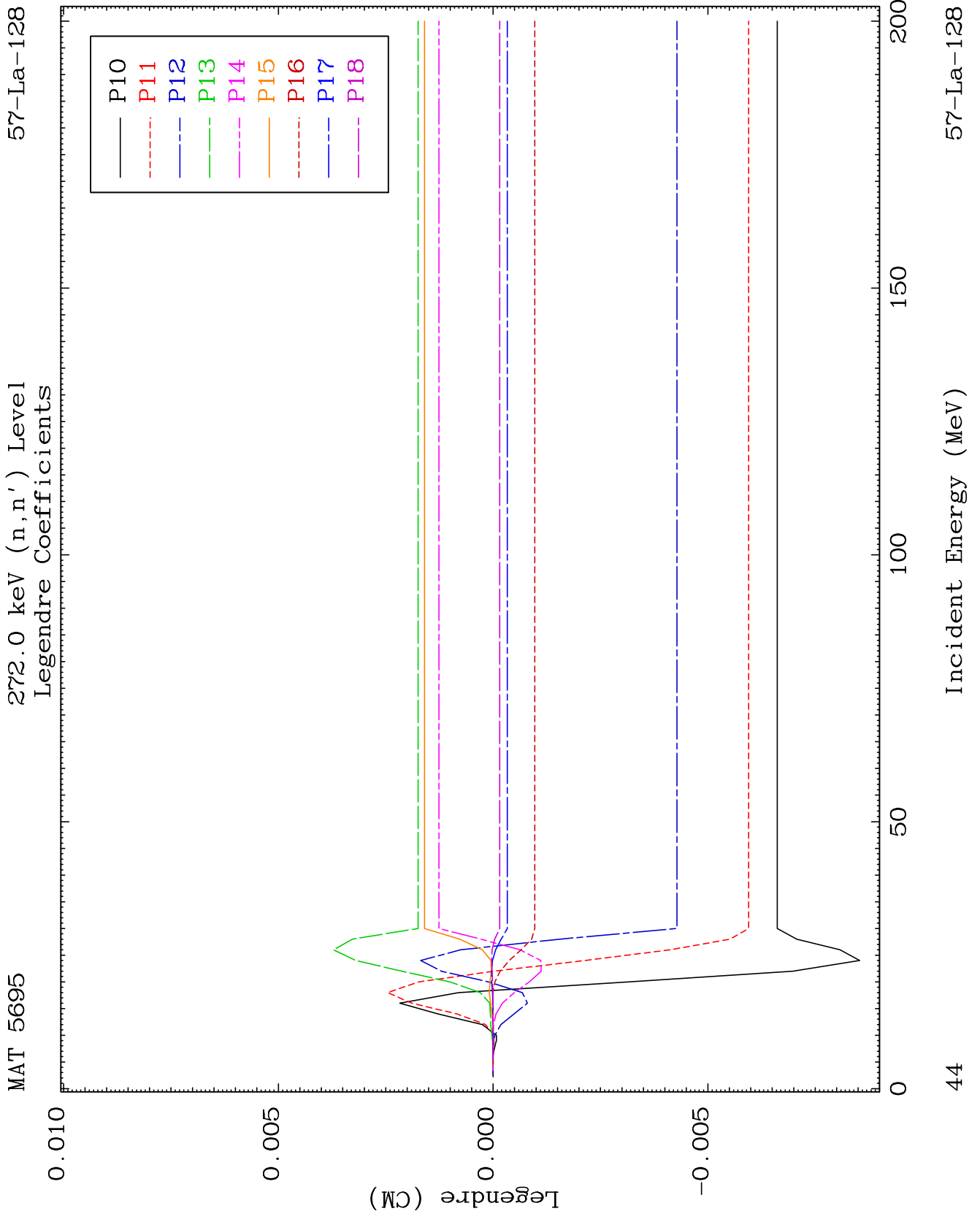


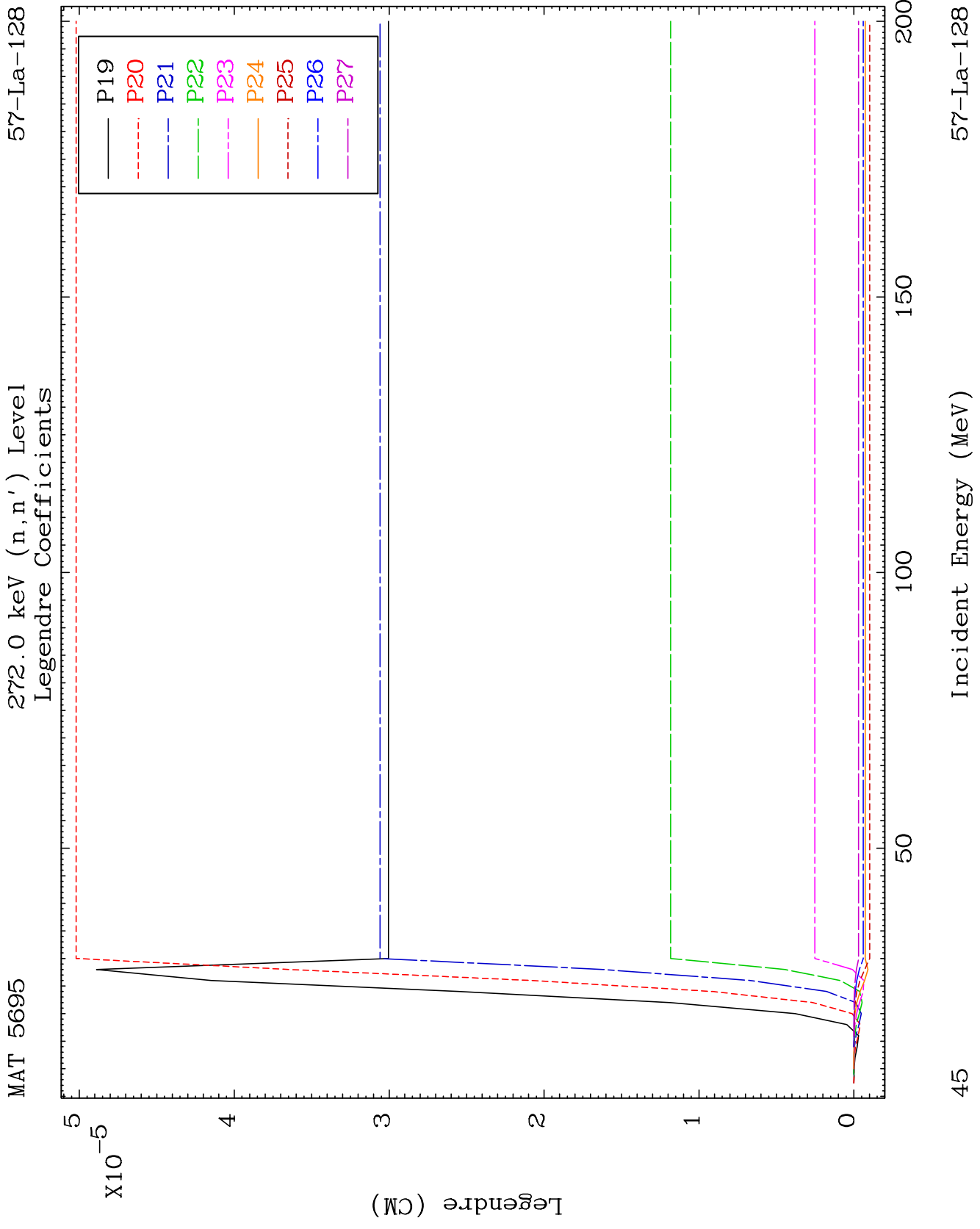


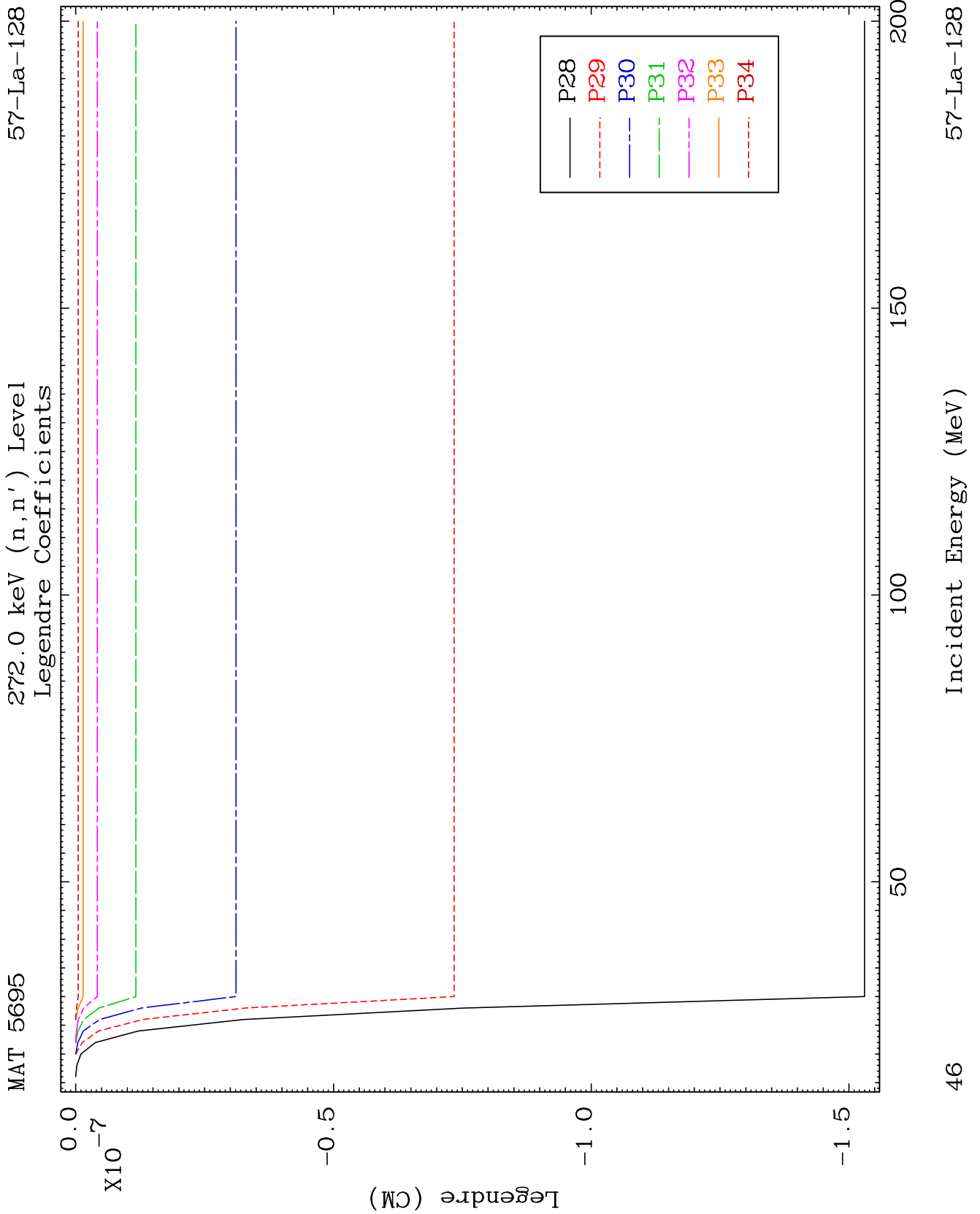








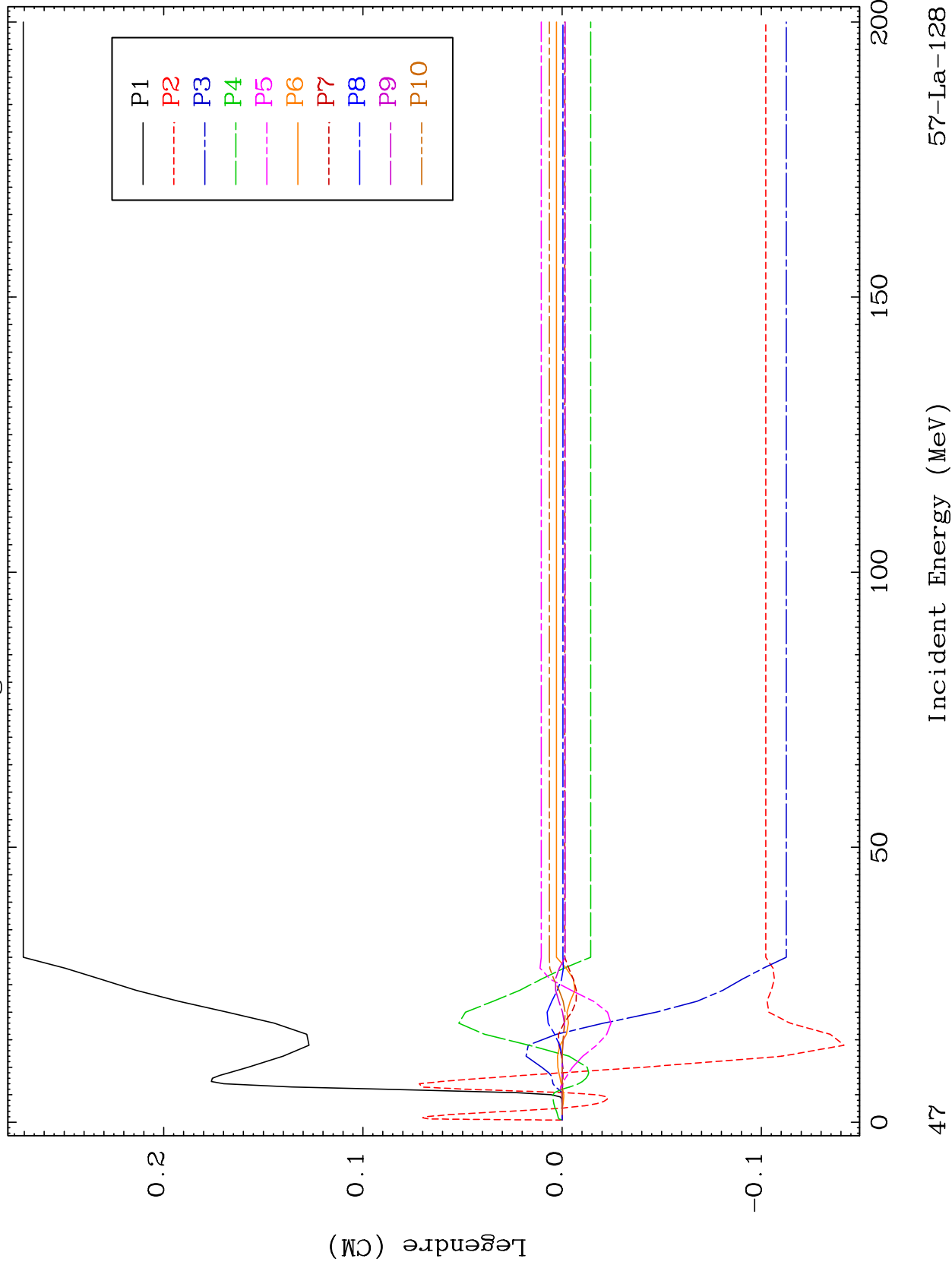




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393.4 keV (n,n') Level  
Legendre Coefficients

57-La-128



57-La-128

Incident Energy (MeV)

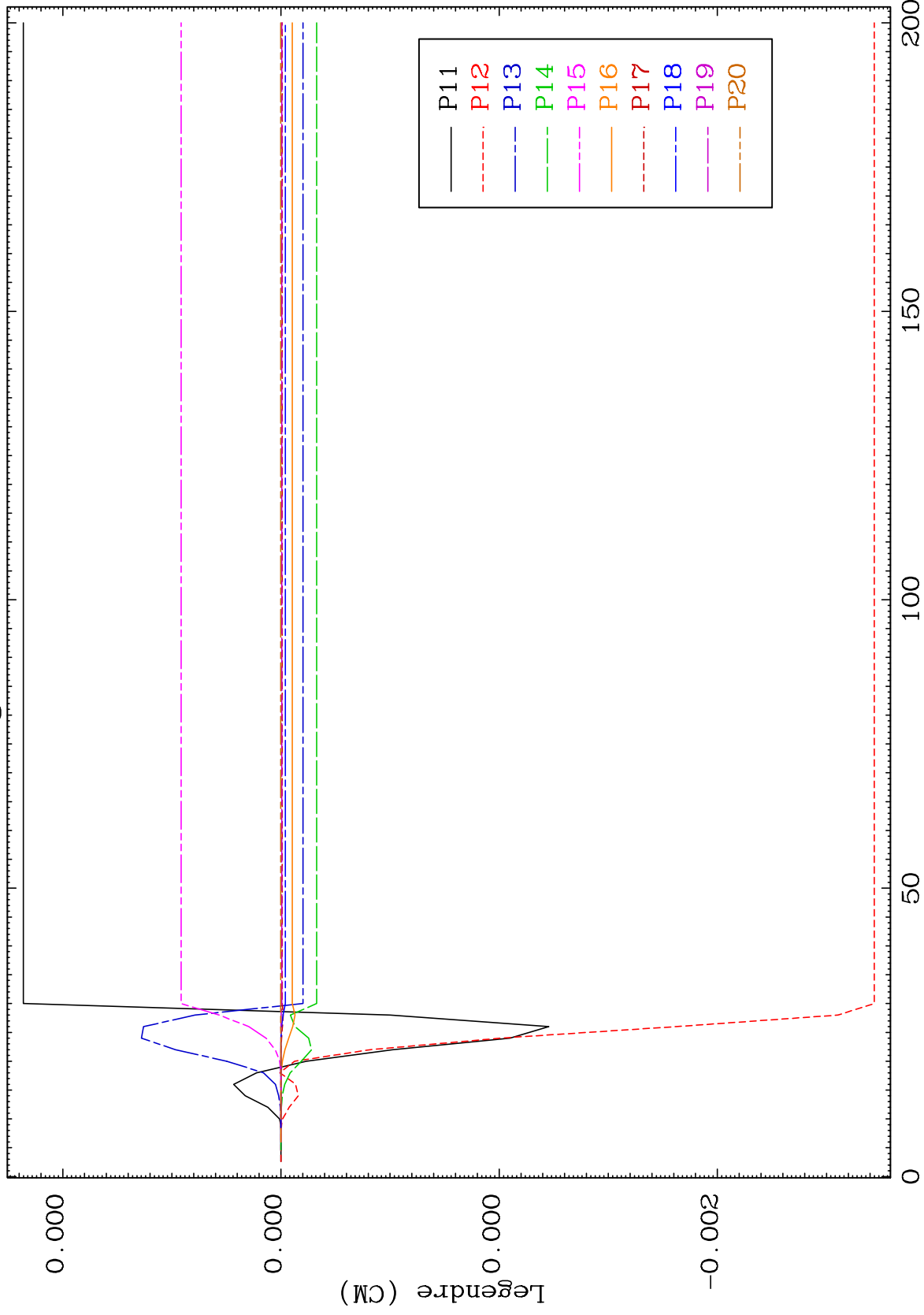
47



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393.4 keV (n,n') Level  
Legendre Coefficients

57-La-128



48

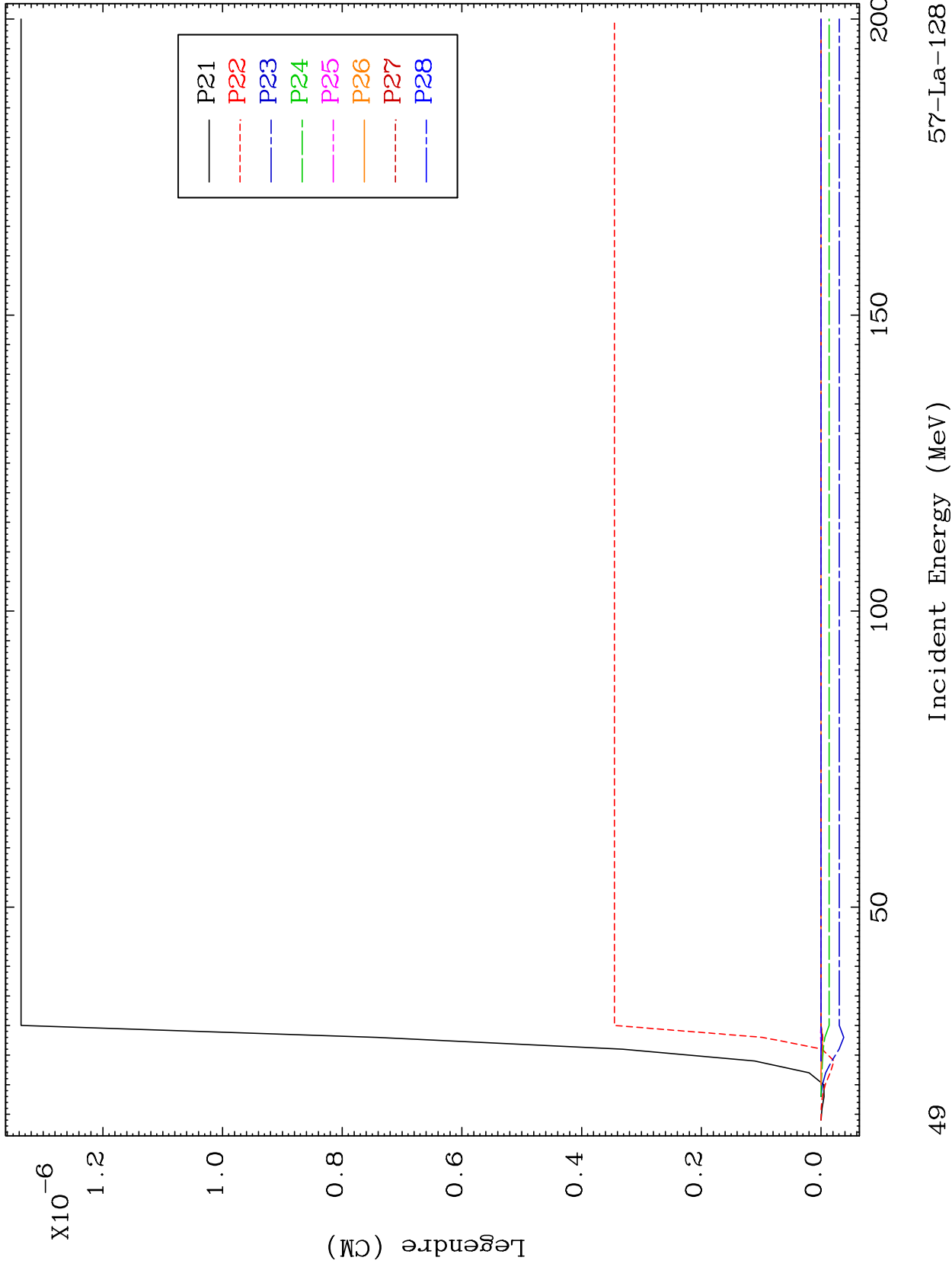
Incident Energy (MeV)

57-La-128

MAT 5695

393.4 keV (n,n') Level  
Legendre Coefficients

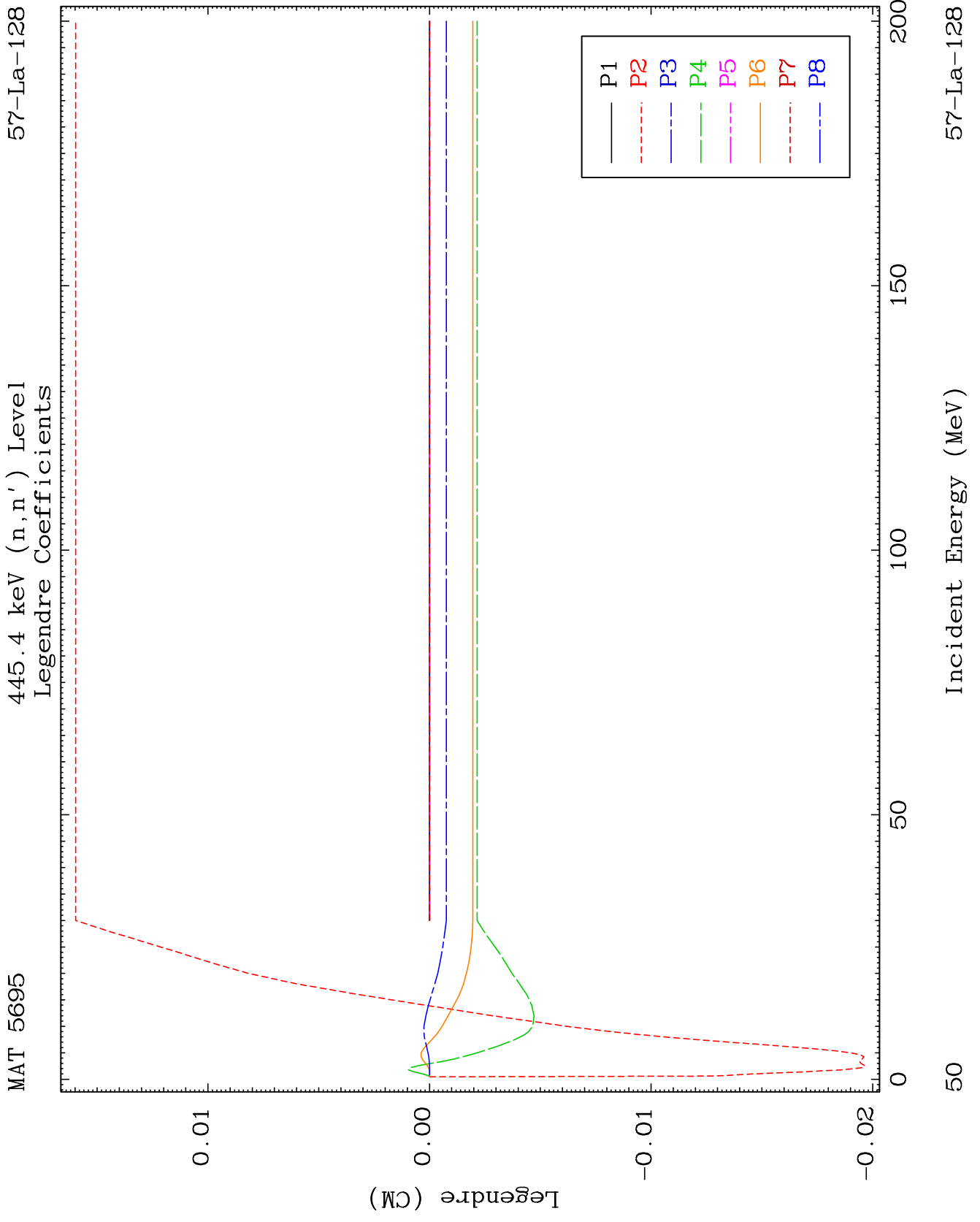
57-La-128



49

Incident Energy (MeV)

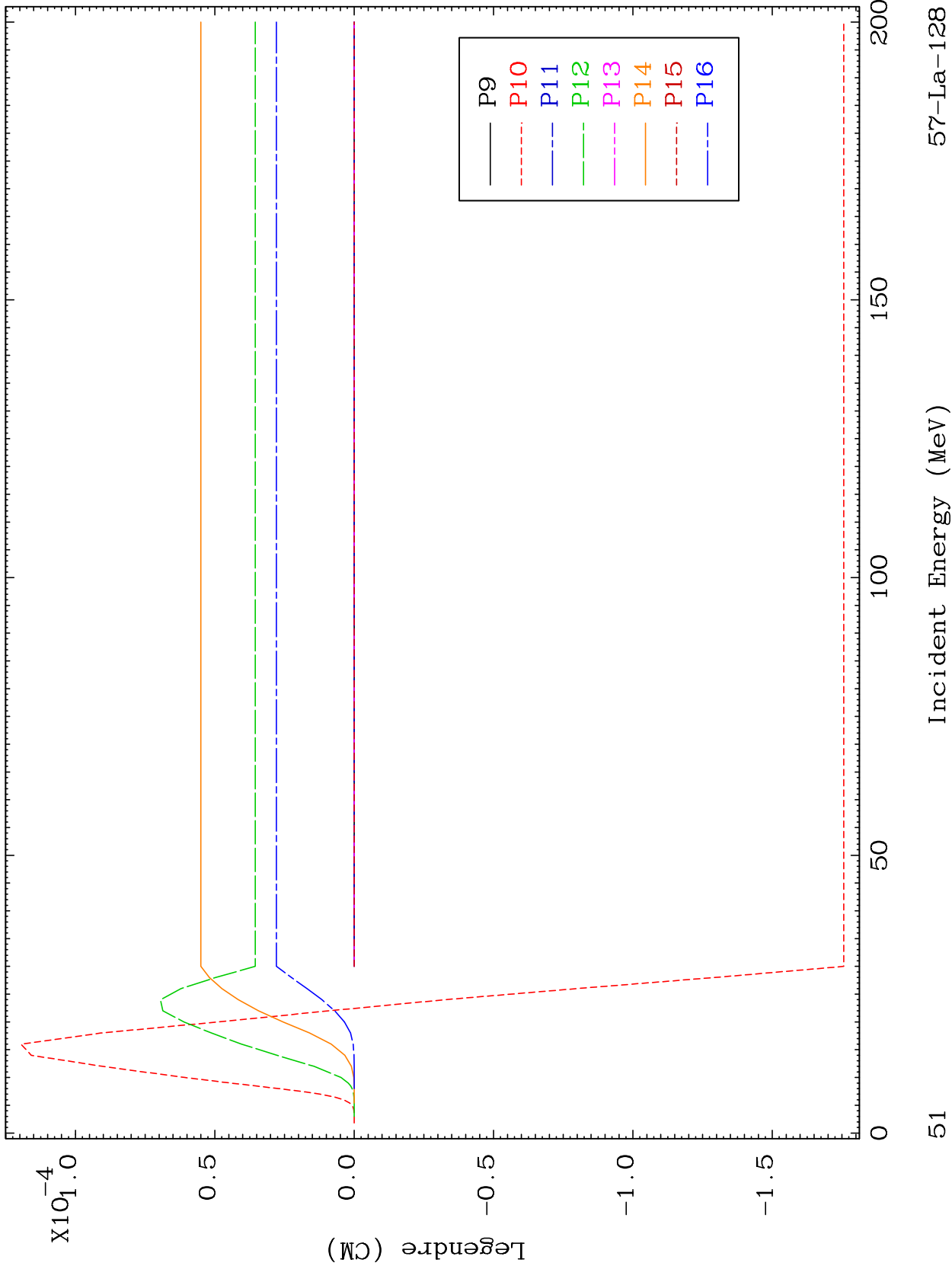
57-La-128



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445.4 keV (n, n') Level  
Legendre Coefficients

57-La-128



57-La-128

Incident Energy (MeV)

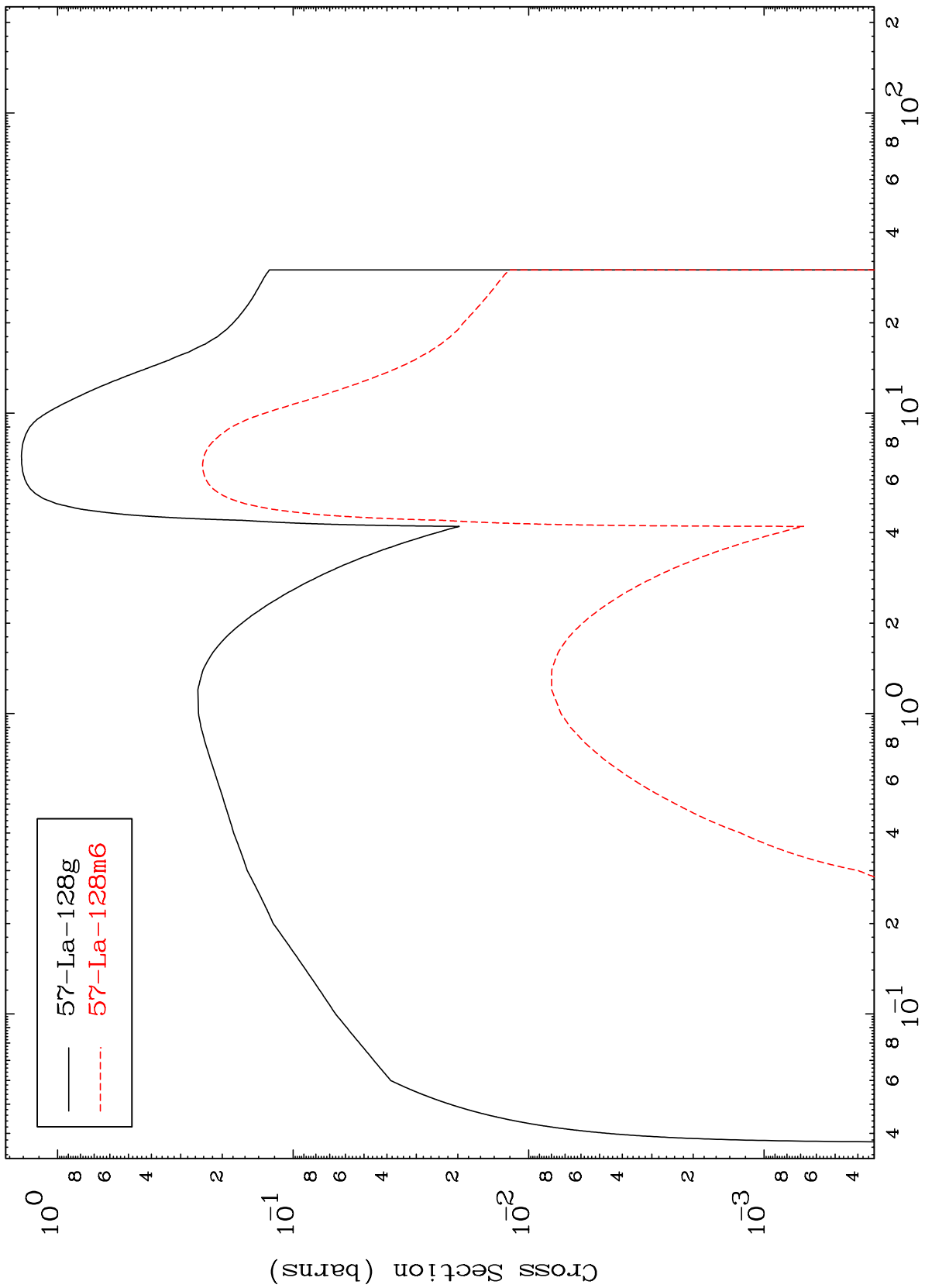
51



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57-La-128

Inelastic  
Radionuclide Production Cross Section



53

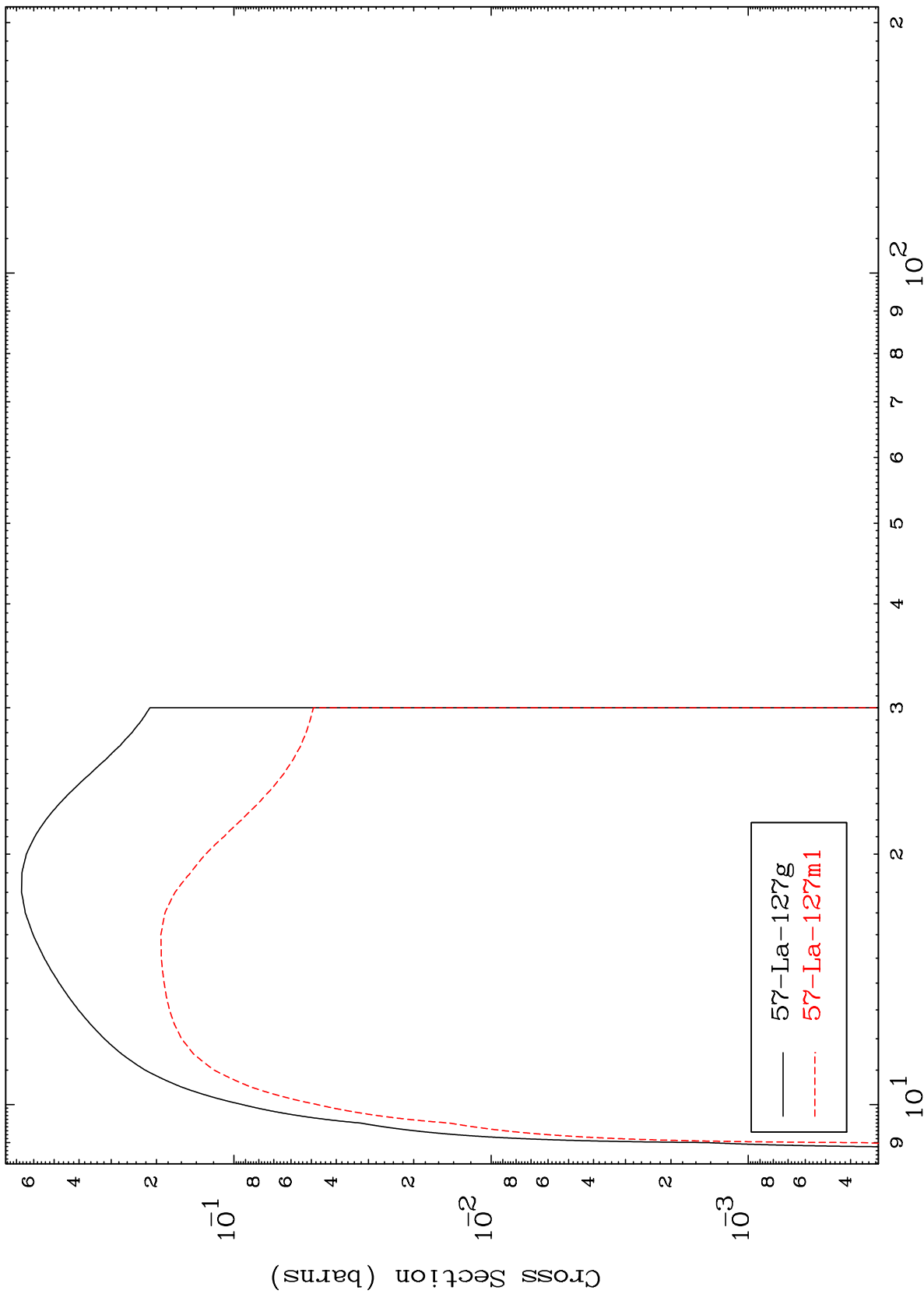
57-La-128

Incident Energy (MeV)

MAT 5695

57-La-128

(n,2n)  
Radionuclide Production Cross Section



— 57-La-127g  
- - - 57-La-127m1

57-La-128

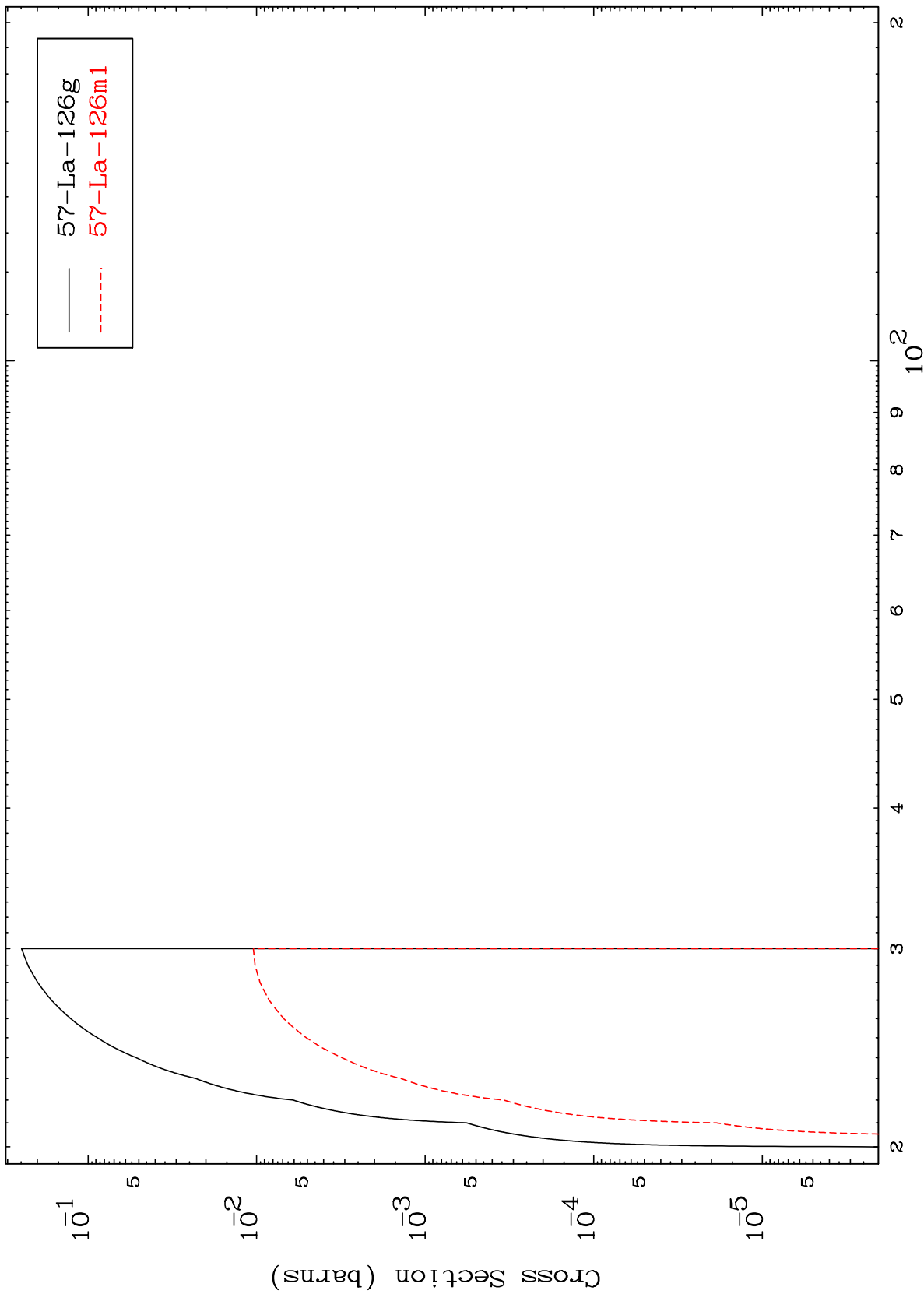
Incident Energy (MeV)

54

MAT 5695

57-La-128

(n,3n)  
Radionuclide Production Cross Section



57-La-126g  
57-La-126m1

57-La-128

Incident Energy (MeV)

55

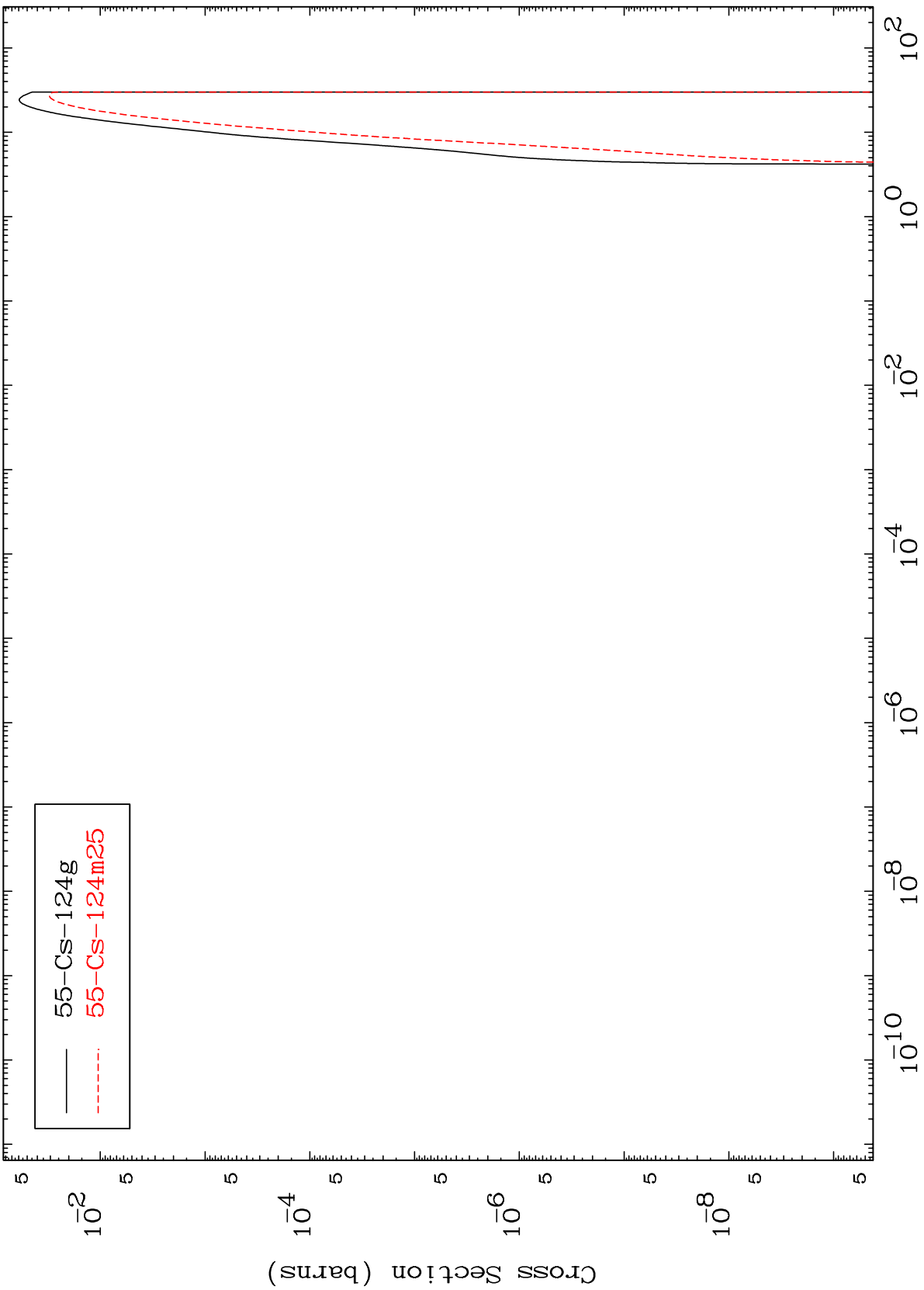


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(n,n')  $\alpha$

57-La-128

Radionuclide Production Cross Section



56

Incident Energy (MeV)

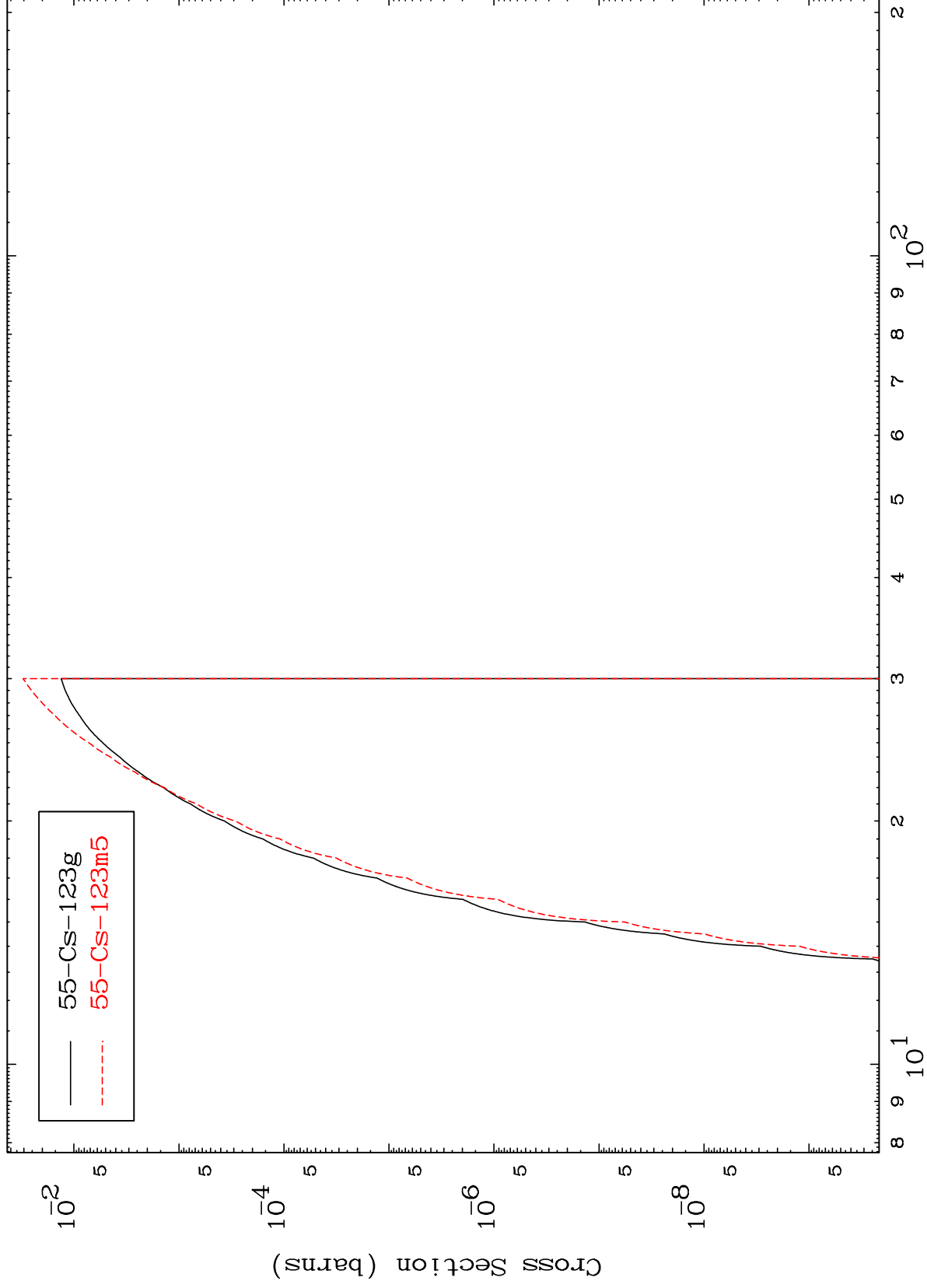
57-La-128

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(n,2n)  $\alpha$

57-La-128

Radionuclide Production Cross Section

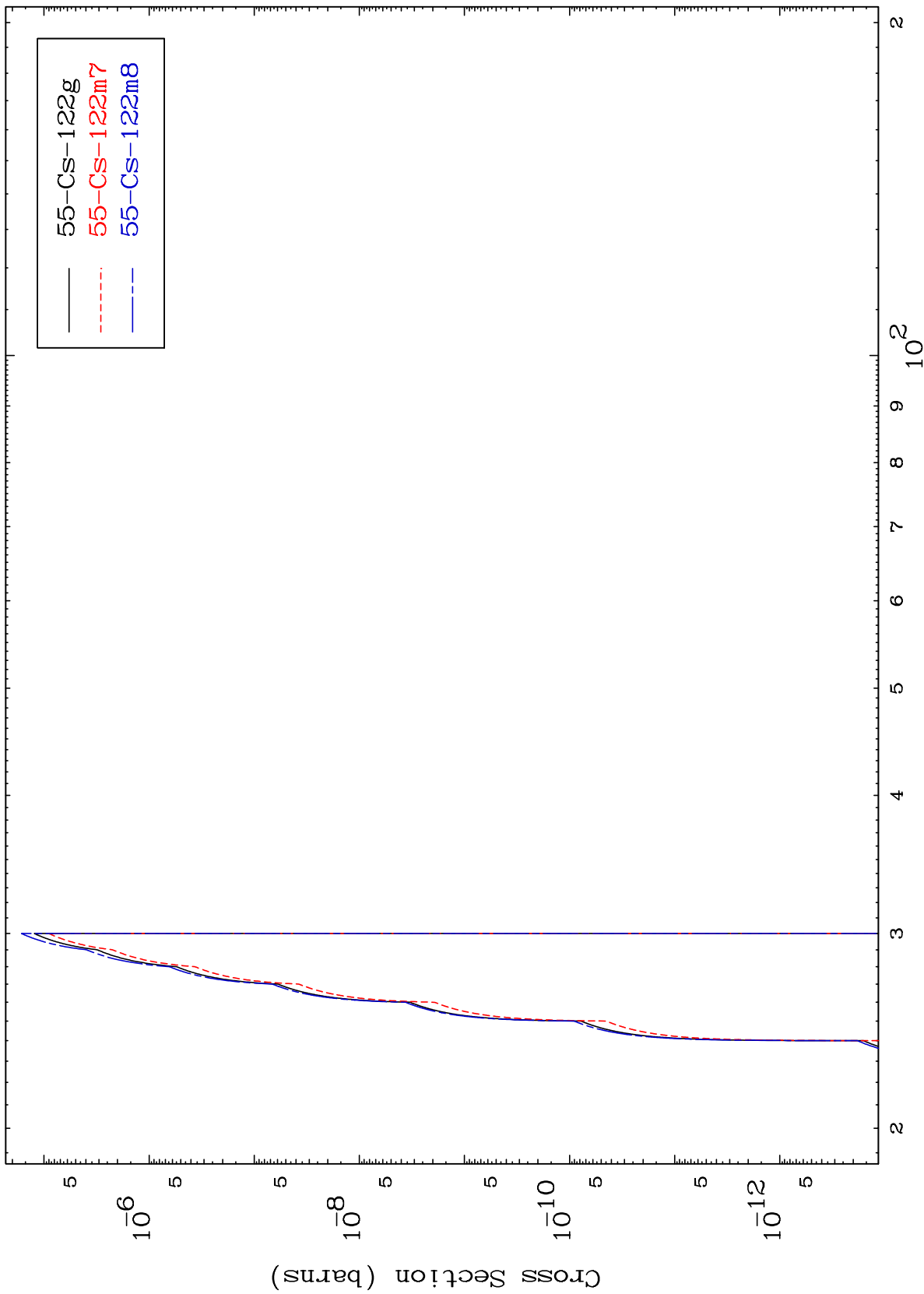


57

Incident Energy (MeV)

57-La-128

Radionuclide Production Cross Section

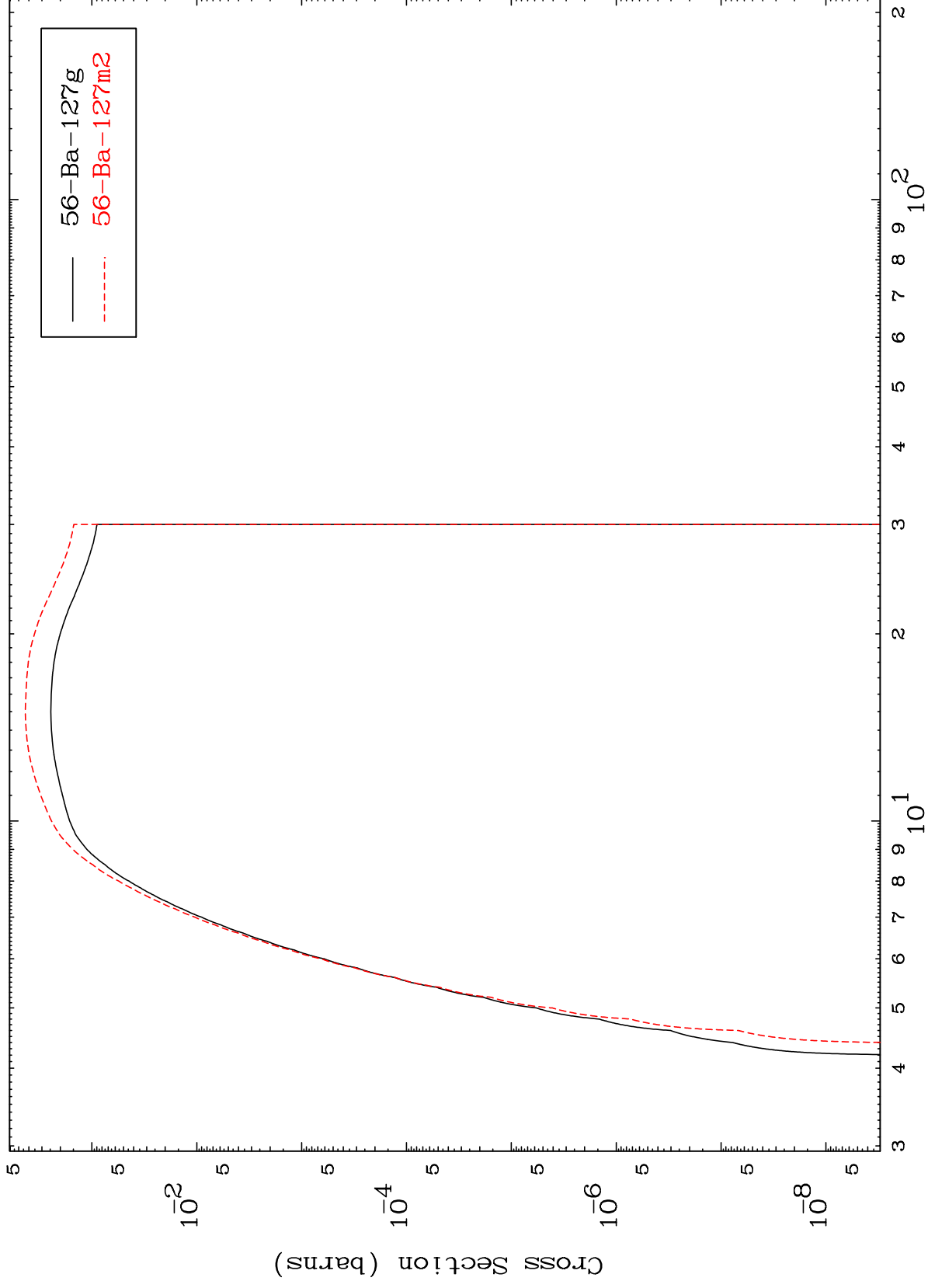


MAT 5695

(n,n') p

57-La-128

Radionuclide Production Cross Section



59

Incident Energy (MeV)

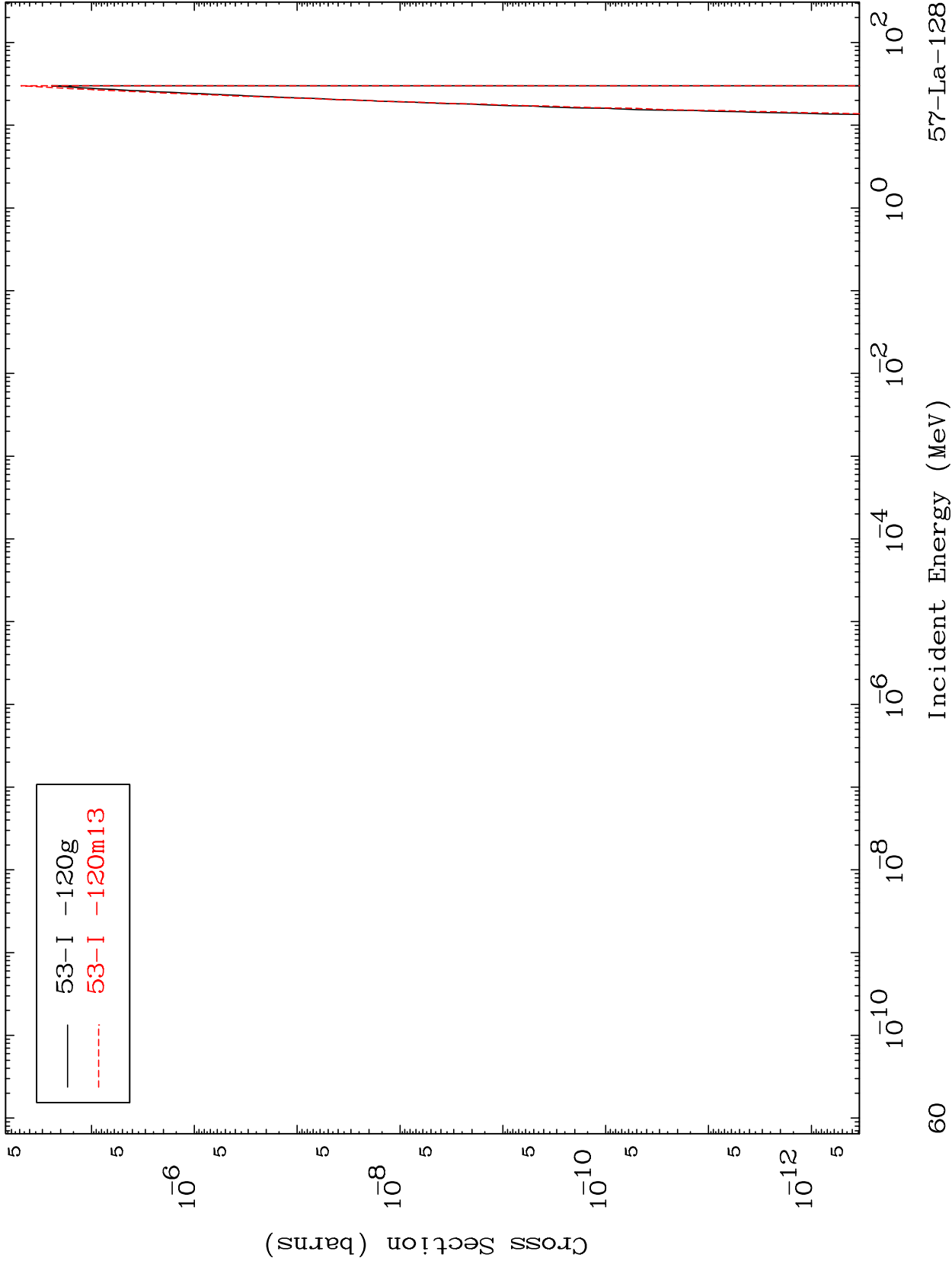
57-La-128

MAT 5695

(n,n') 2α

57-La-128

Radionuclide Production Cross Section



60

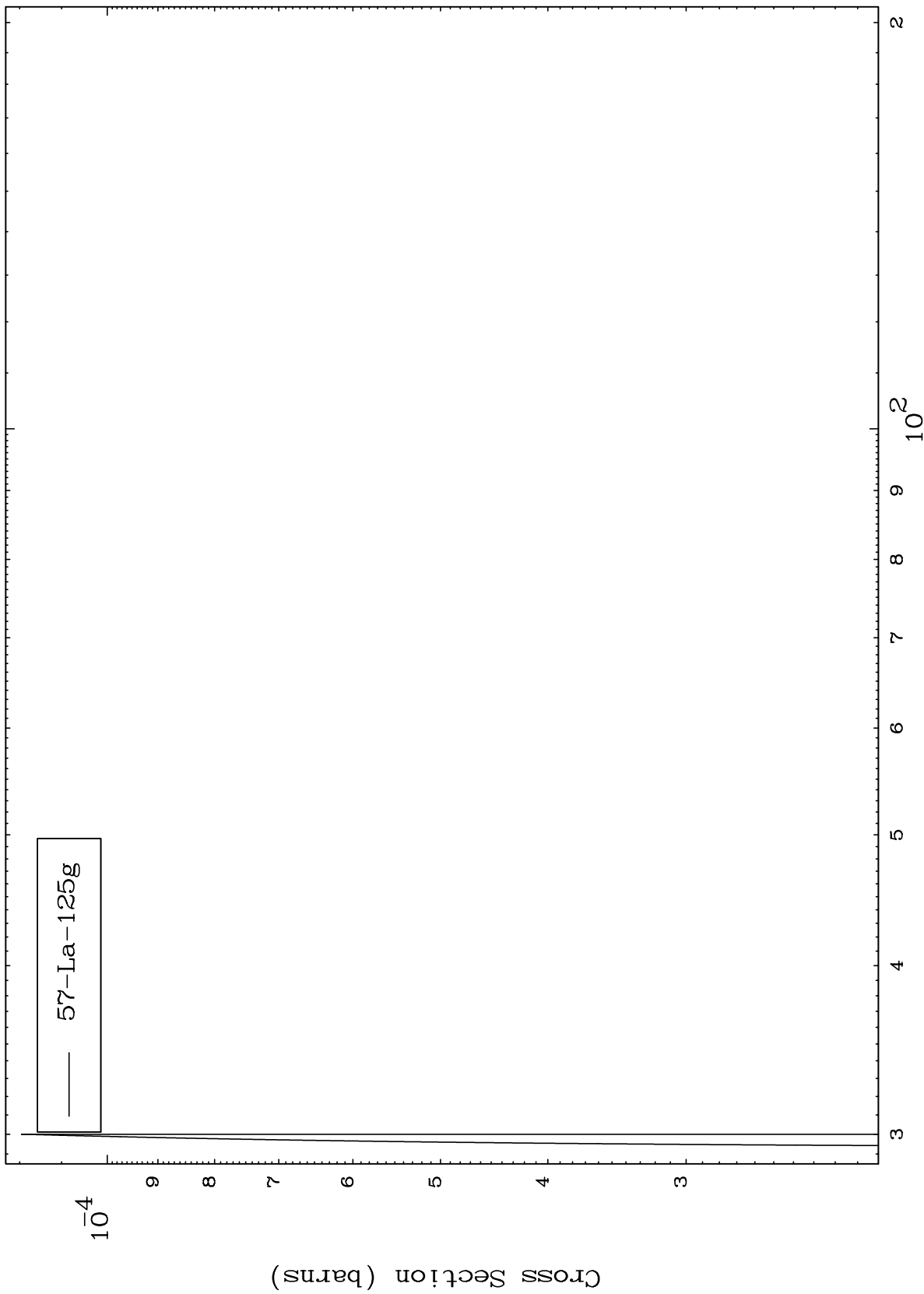
Incident Energy (MeV)

57-La-128

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57-La-128

(n,4n)  
Radionuclide Production Cross Section



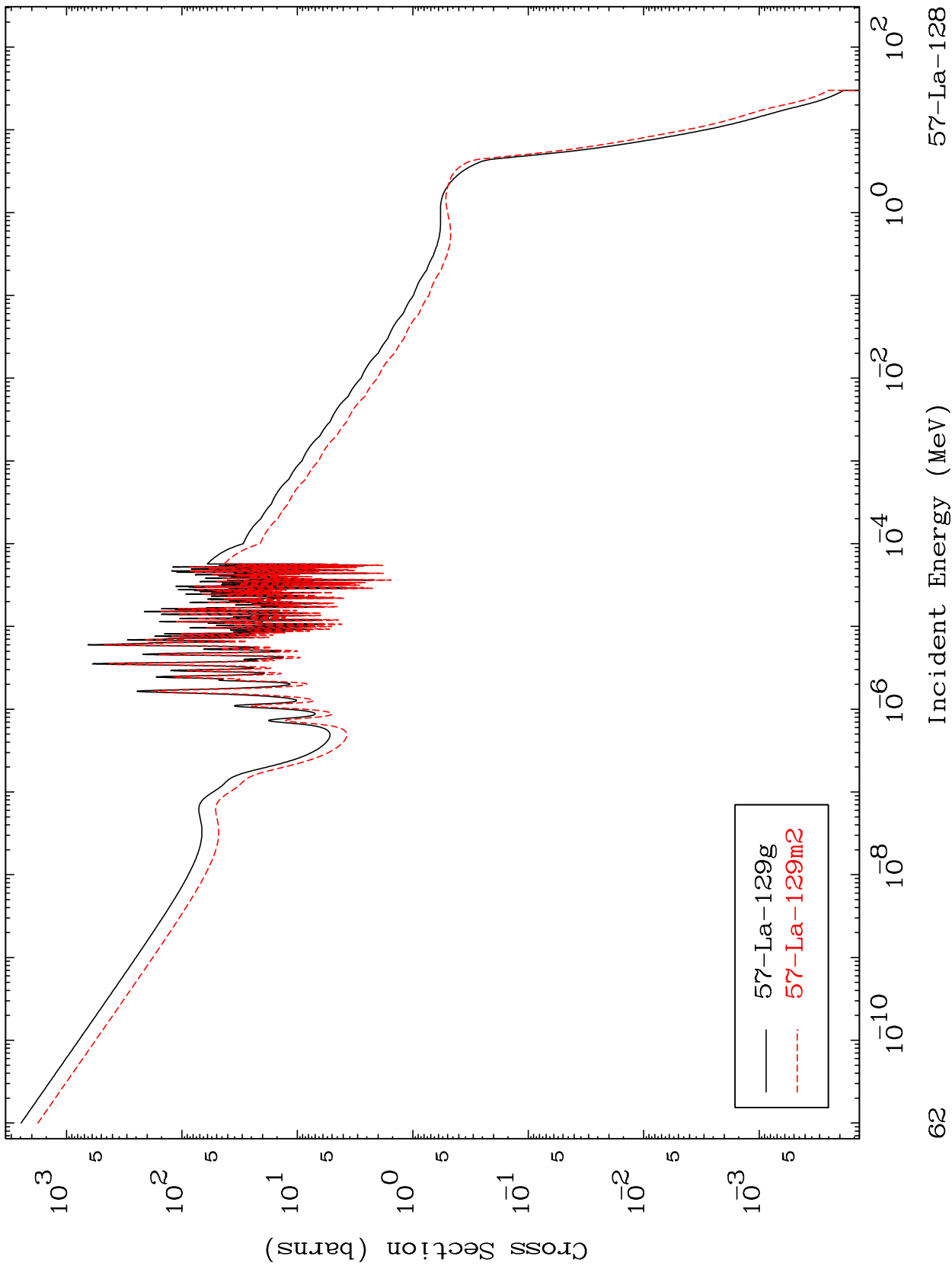
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57-La-128

MAT 5695

57-La-128

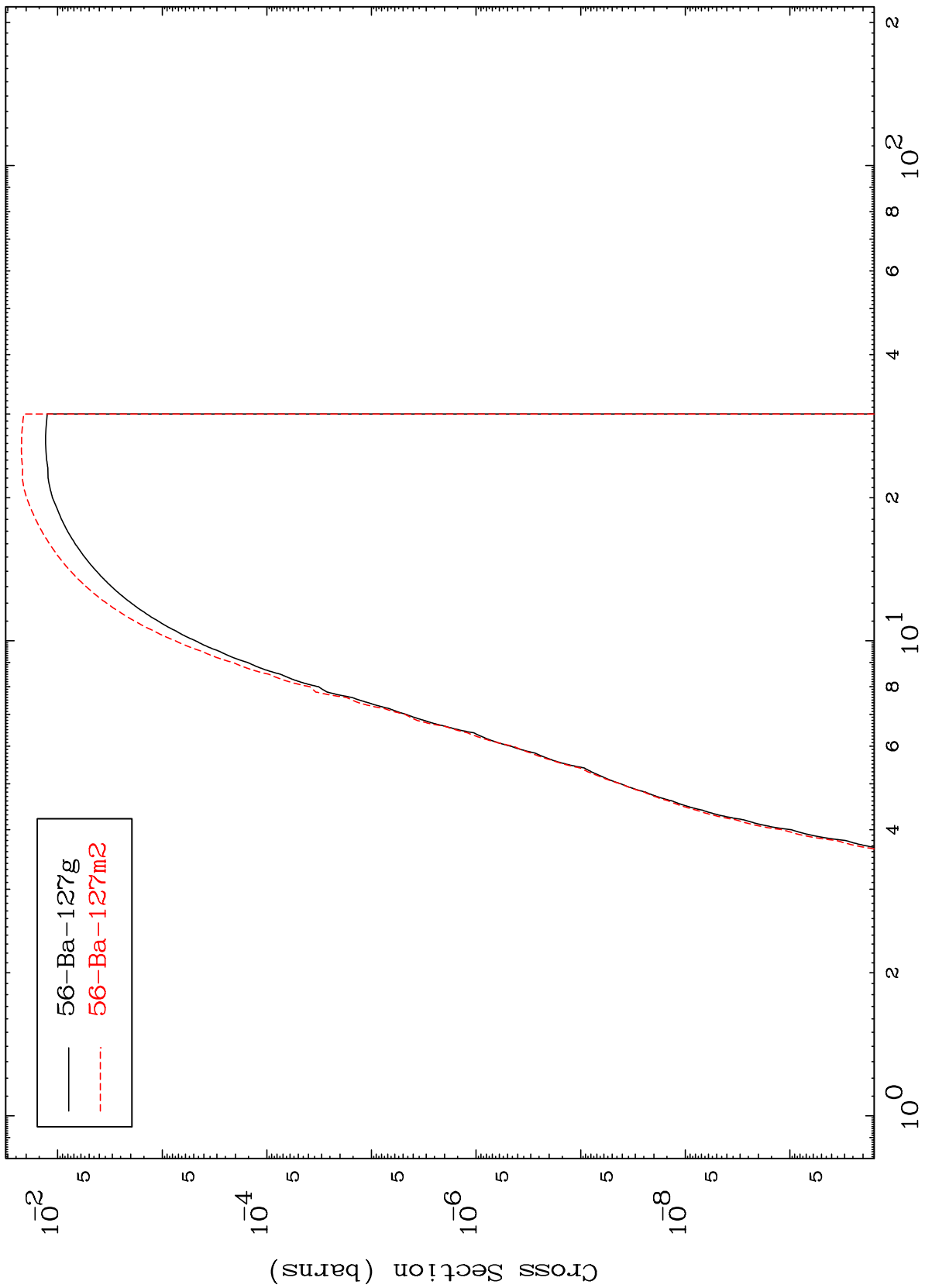
(n,γ)  
Radionuclide Production Cross Section



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57-La-128

(n,d)  
Radionuclide Production Cross Section



63

Incident Energy (MeV)

57-La-128