

Program EVALPLOT
(Version 2015-2)

by

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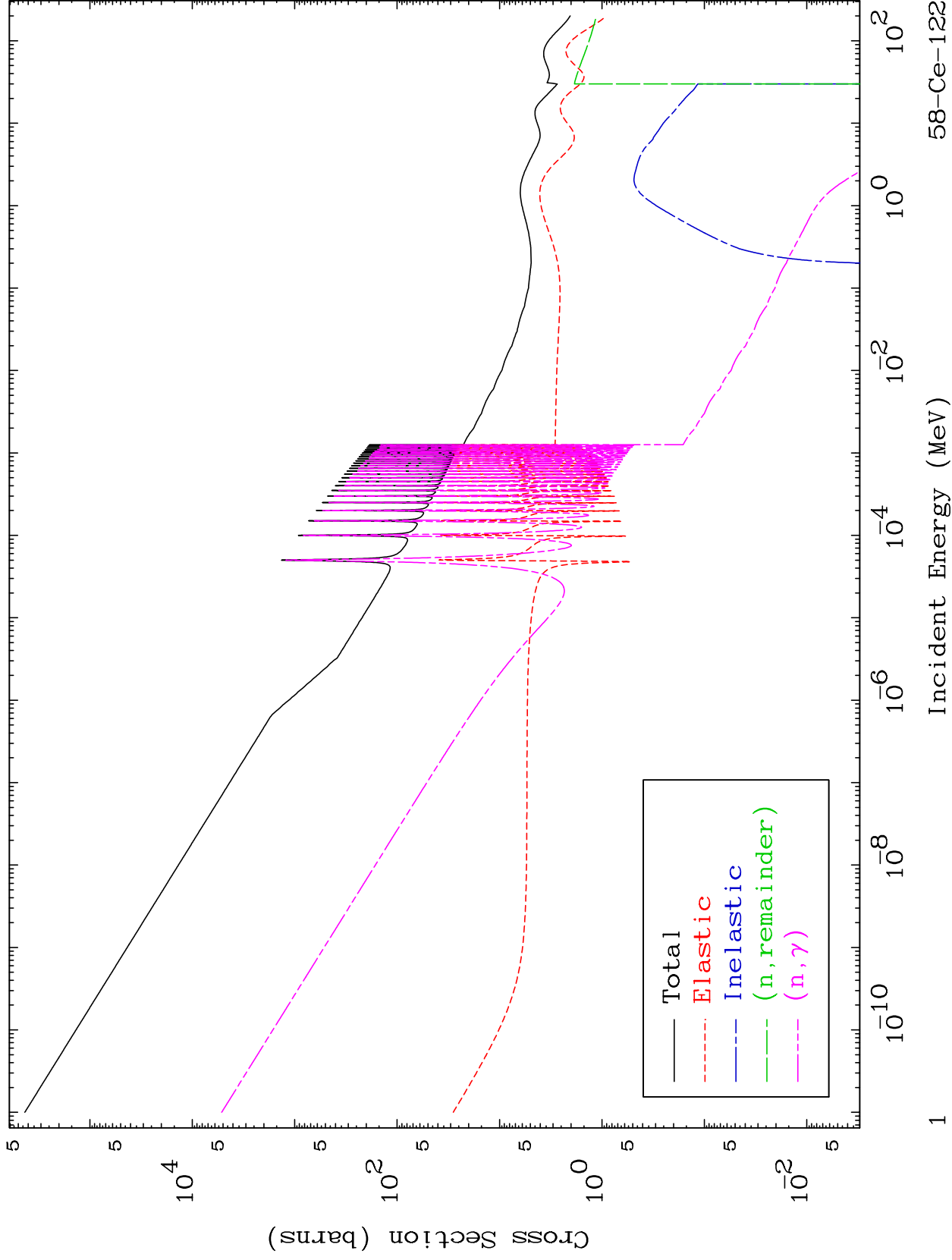
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5783

Major
293 Kelvin Cross Sections

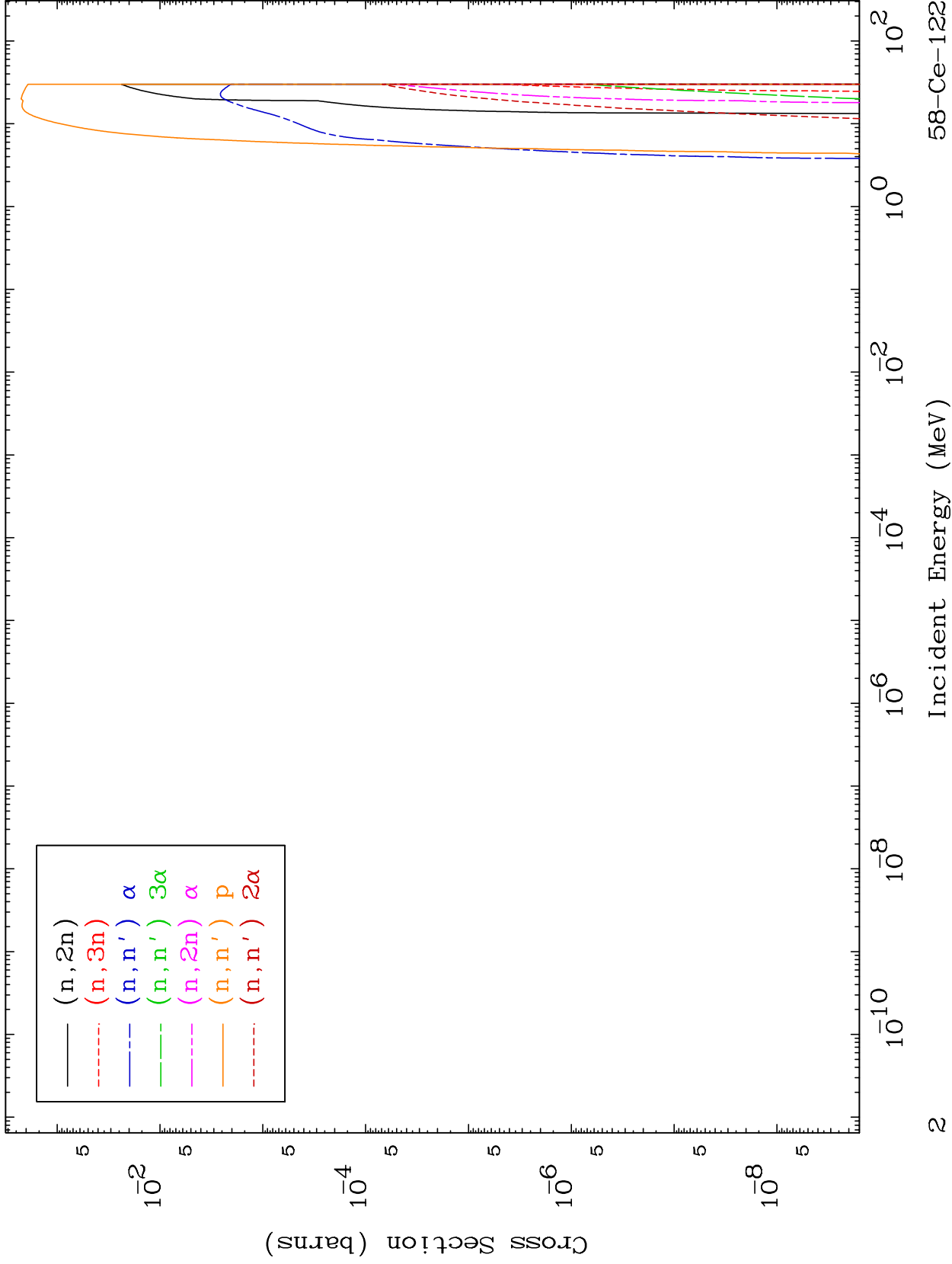
58-Ce-122



MAT 5783

Neutron Production
293 Kelvin Cross Sections

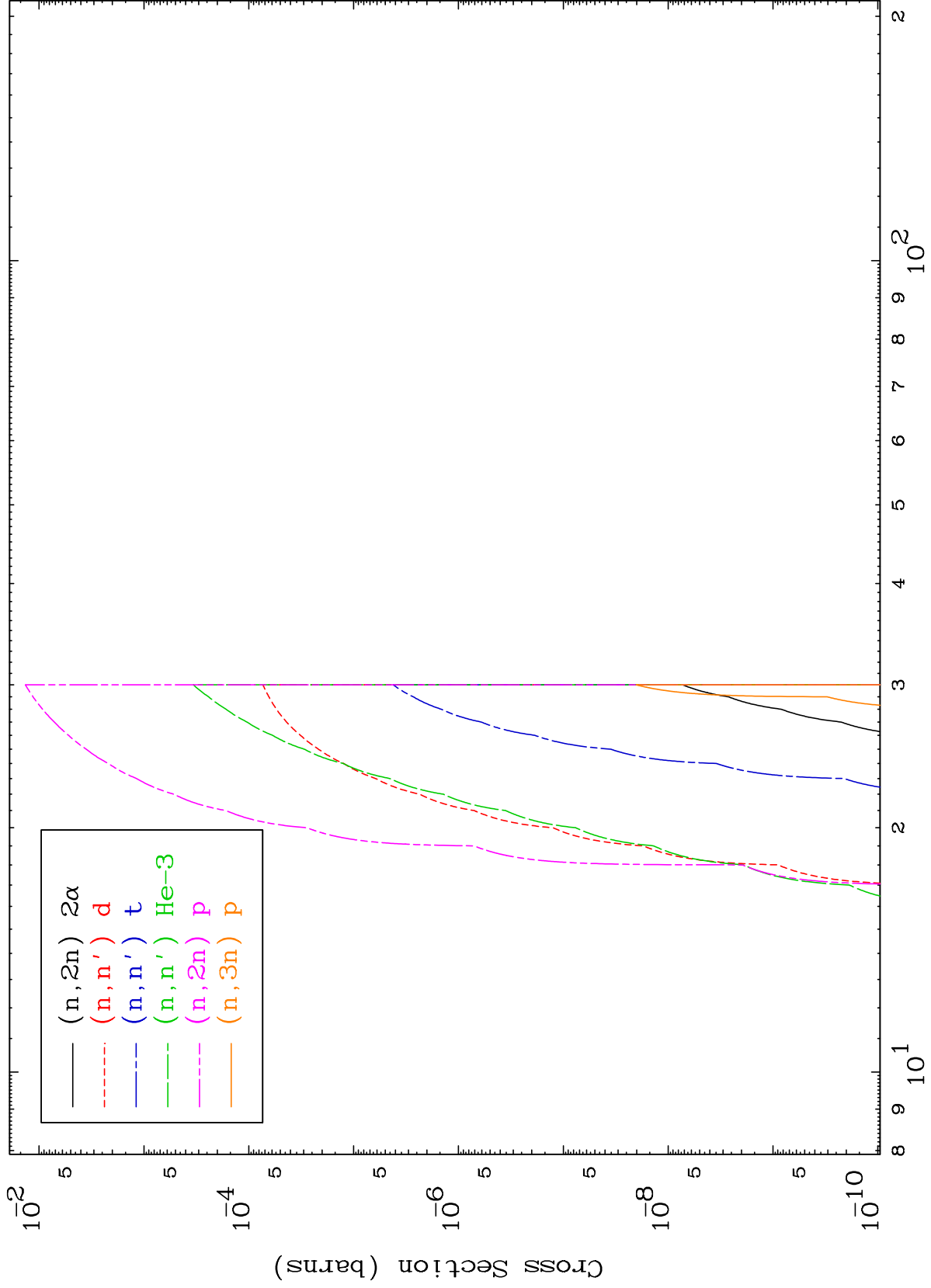
58-Ce-122



MAT 5783

Neutron Production
293 Kelvin Cross Sections

58-Ce-122



Incident Energy (MeV)

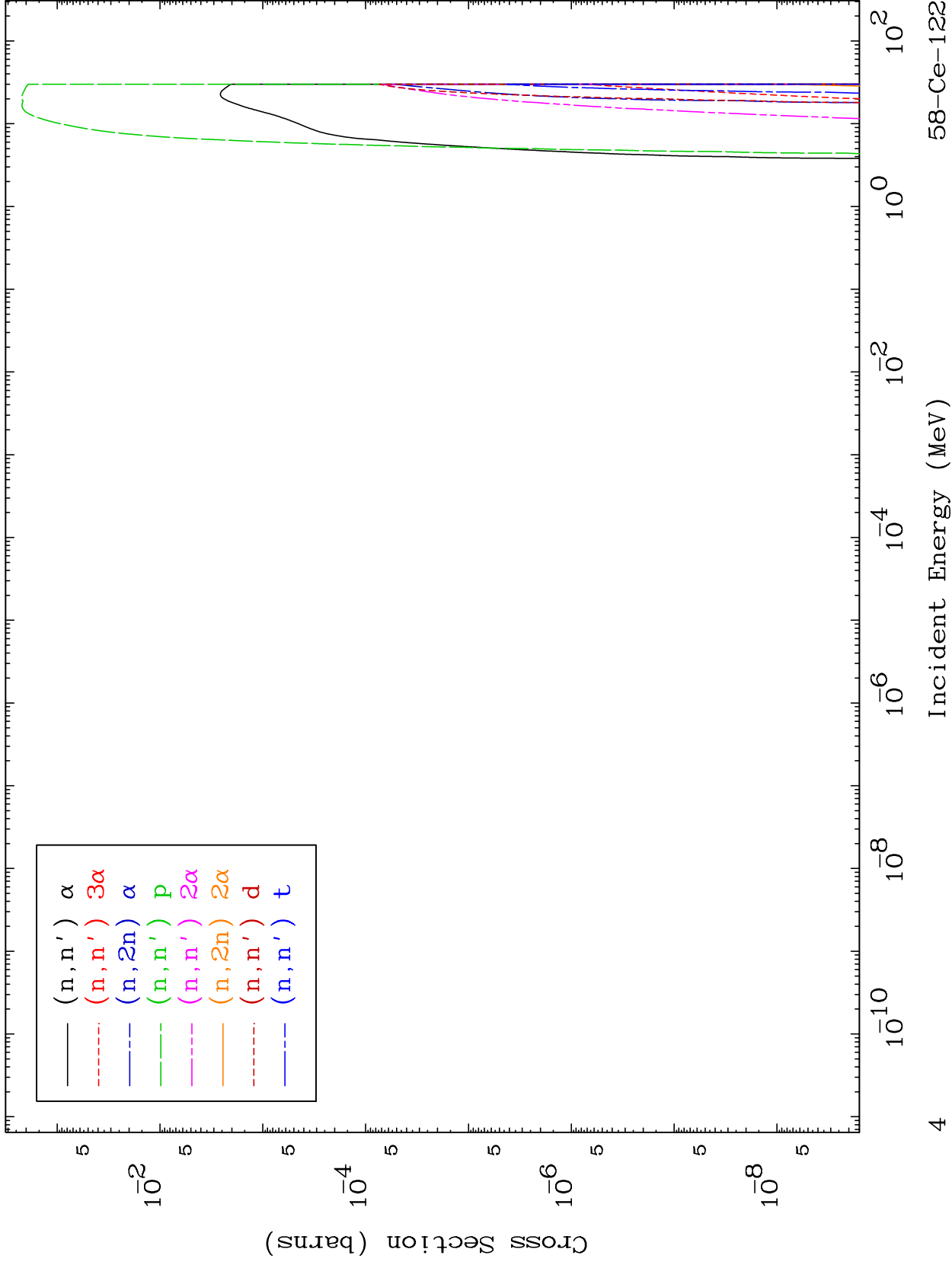
58-Ce-122

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MAT 5783

Charged Particle
293 Kelvin Cross Sections

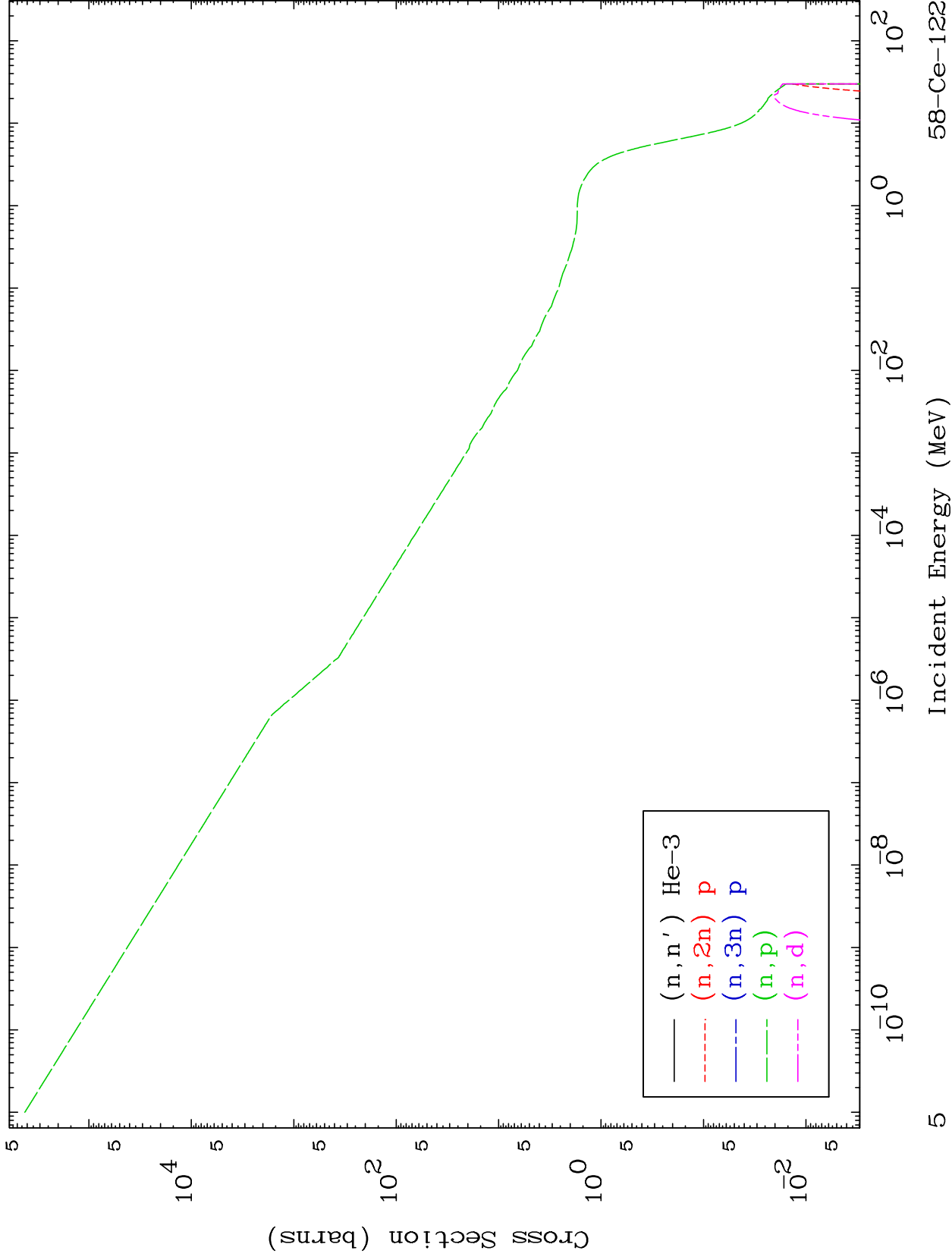
58-Ce-122



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Charged Particle
293 Kelvin Cross Sections

58-Ce-122

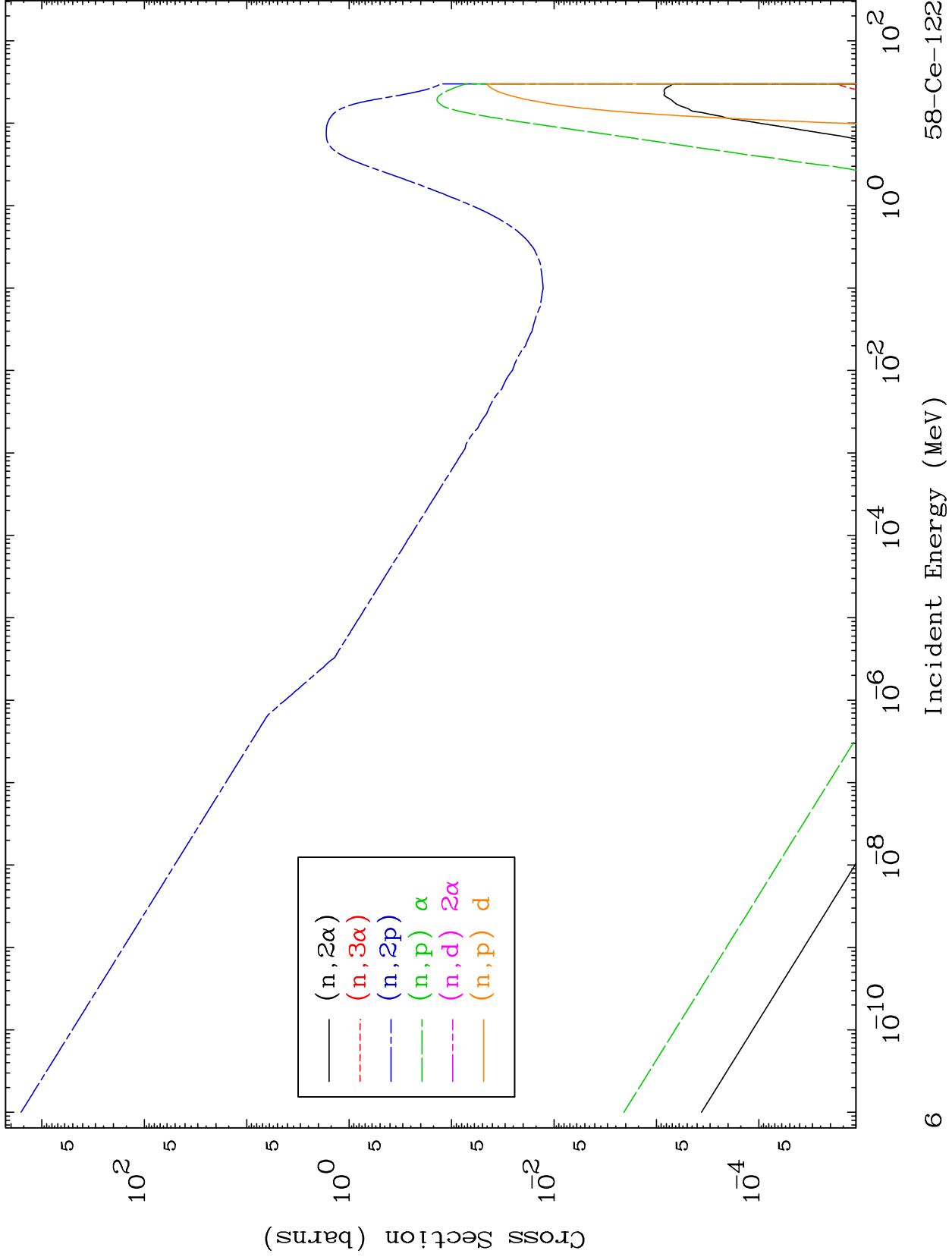


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MAT 5783

Charged Particle
293 Kelvin Cross Sections

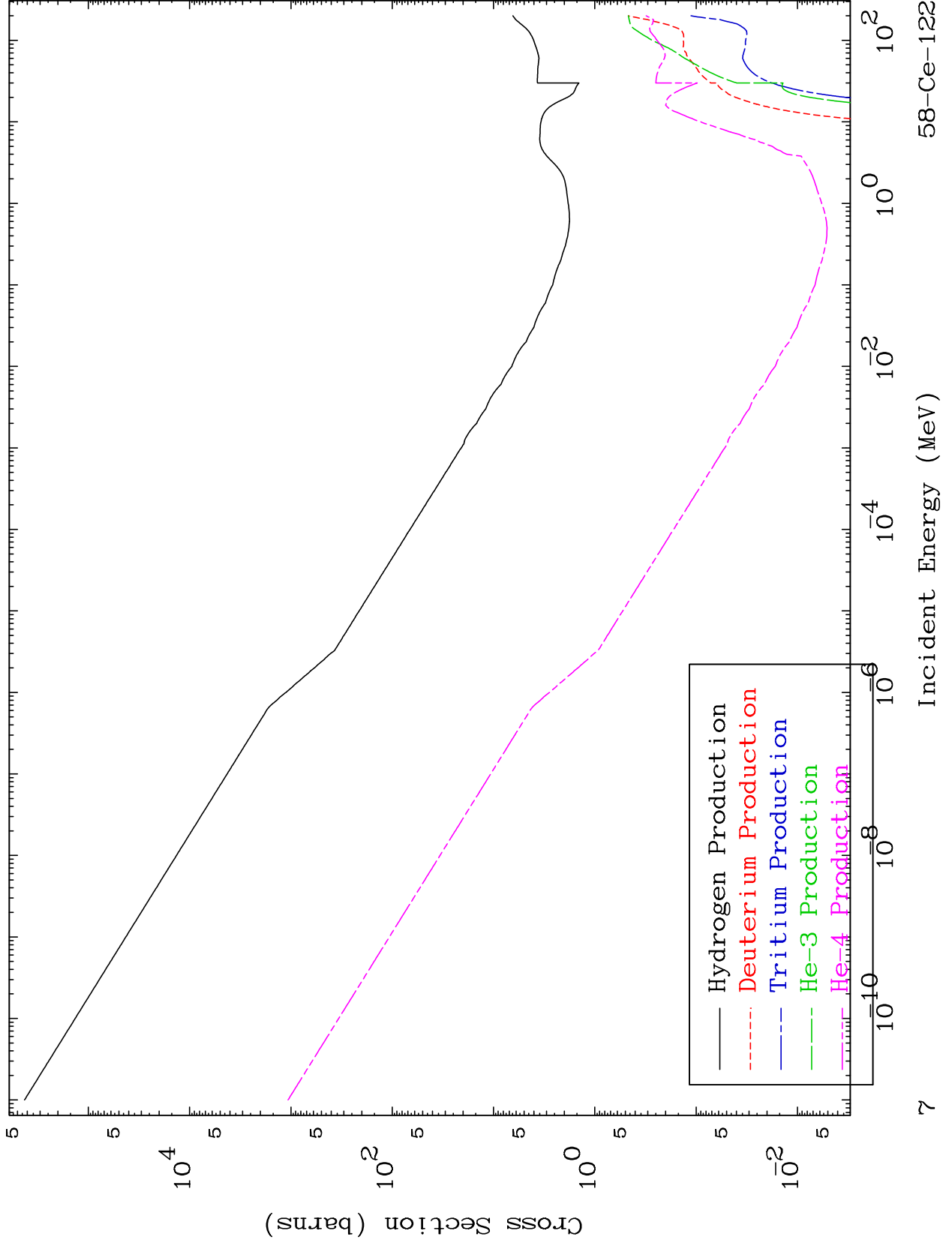
58-Ce-122



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Particle Production
293 Kelvin Cross Sections

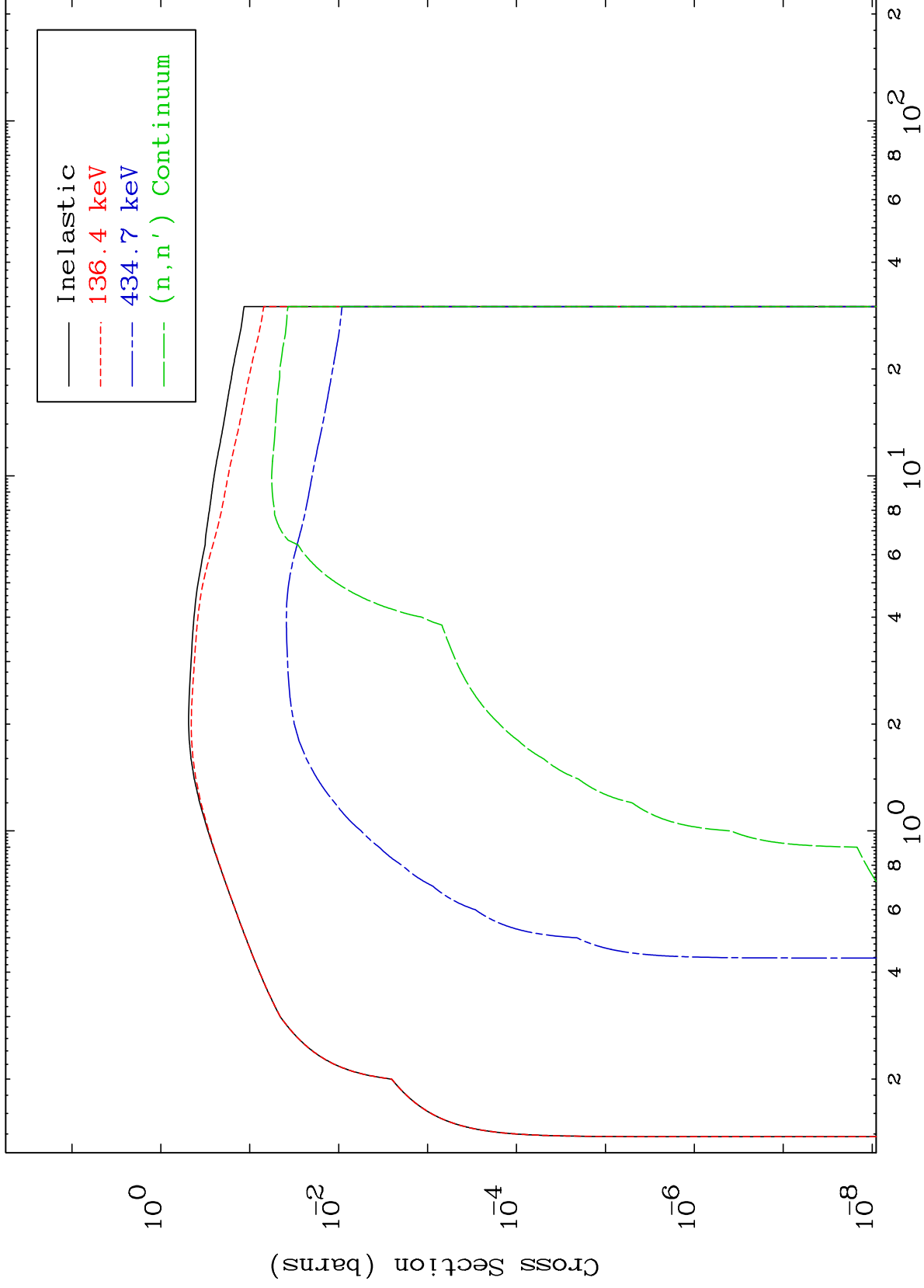
58-Ce-122



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(n,n') Level
293 Kelvin Cross Sections

58-Ce-122



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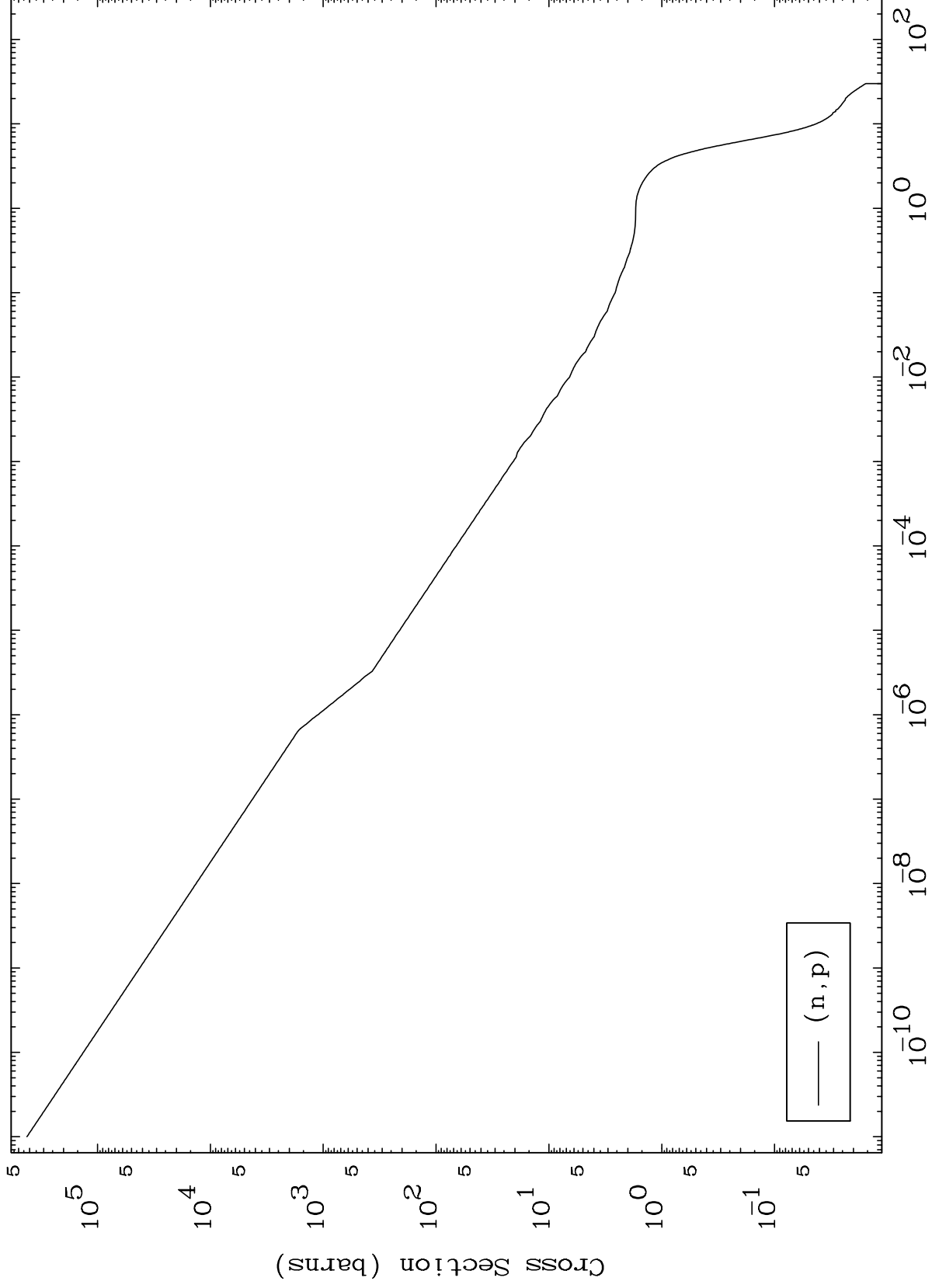
Incident Energy (MeV)

58-Ce-122

MAT 5783

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-122

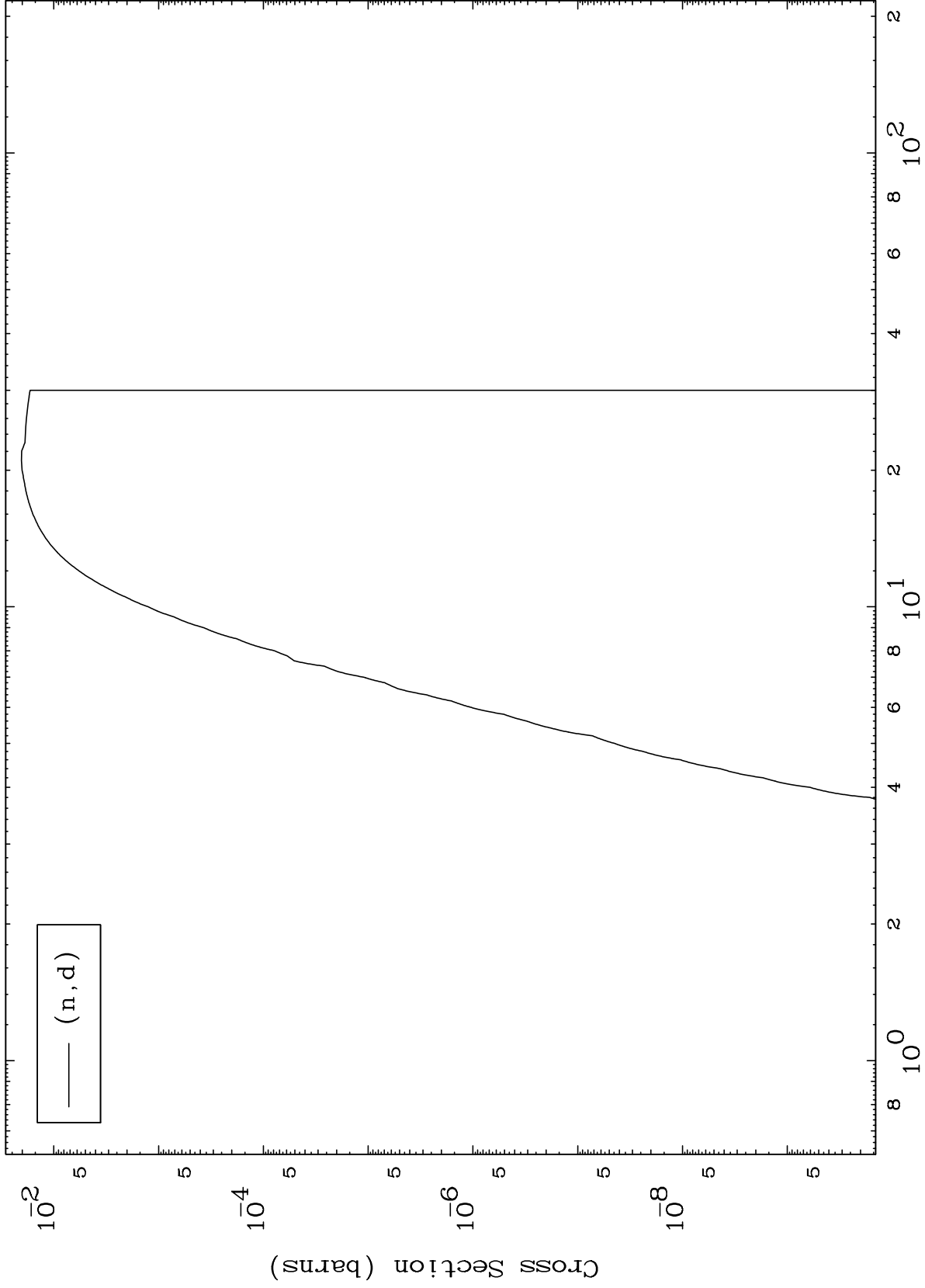


— (n,p)

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(n,d) Levels
293 Kelvin Cross Sections

58-Ce-122



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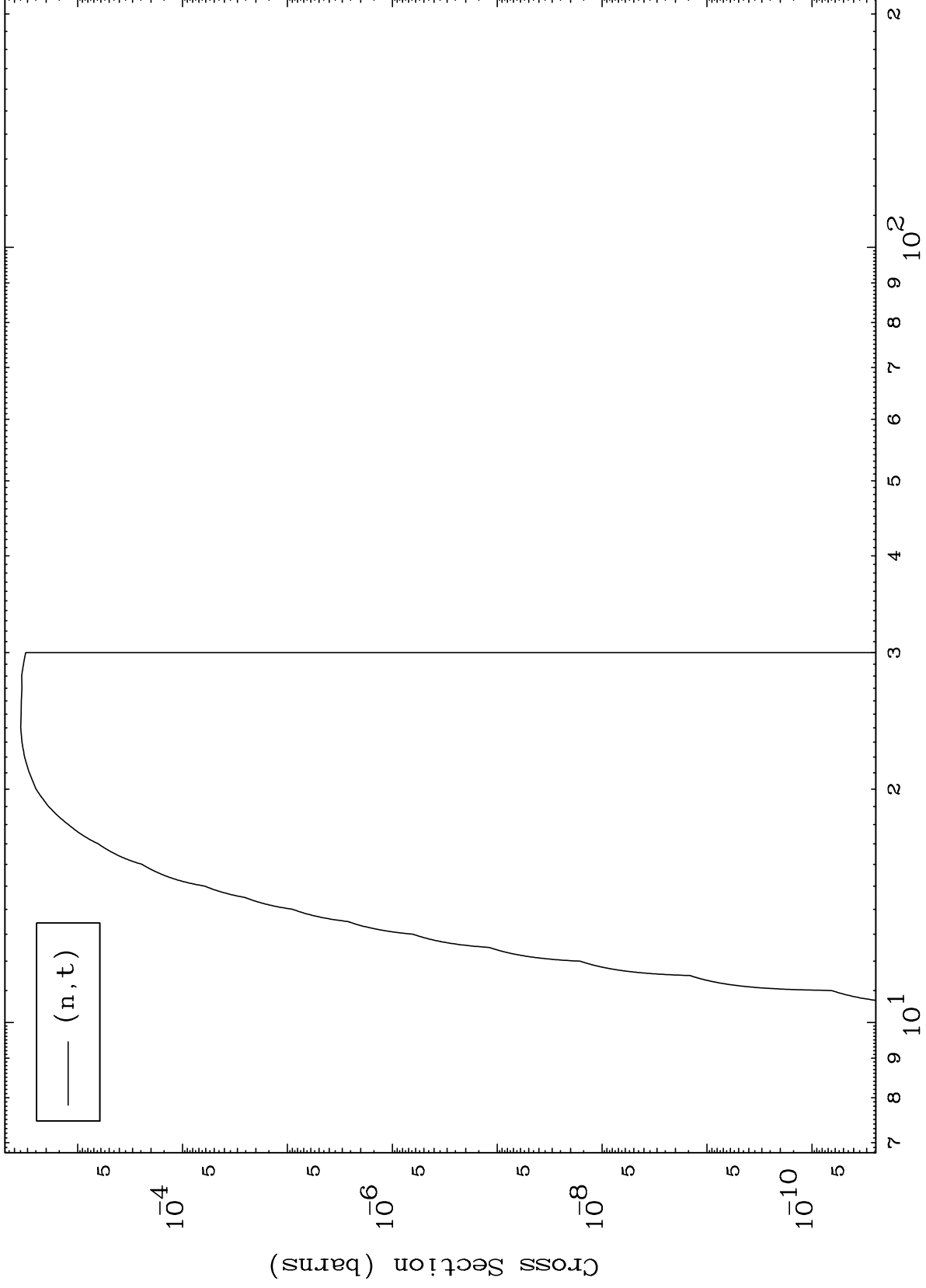
Incident Energy (MeV)

58-Ce-122

MAT 5783

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-122



11

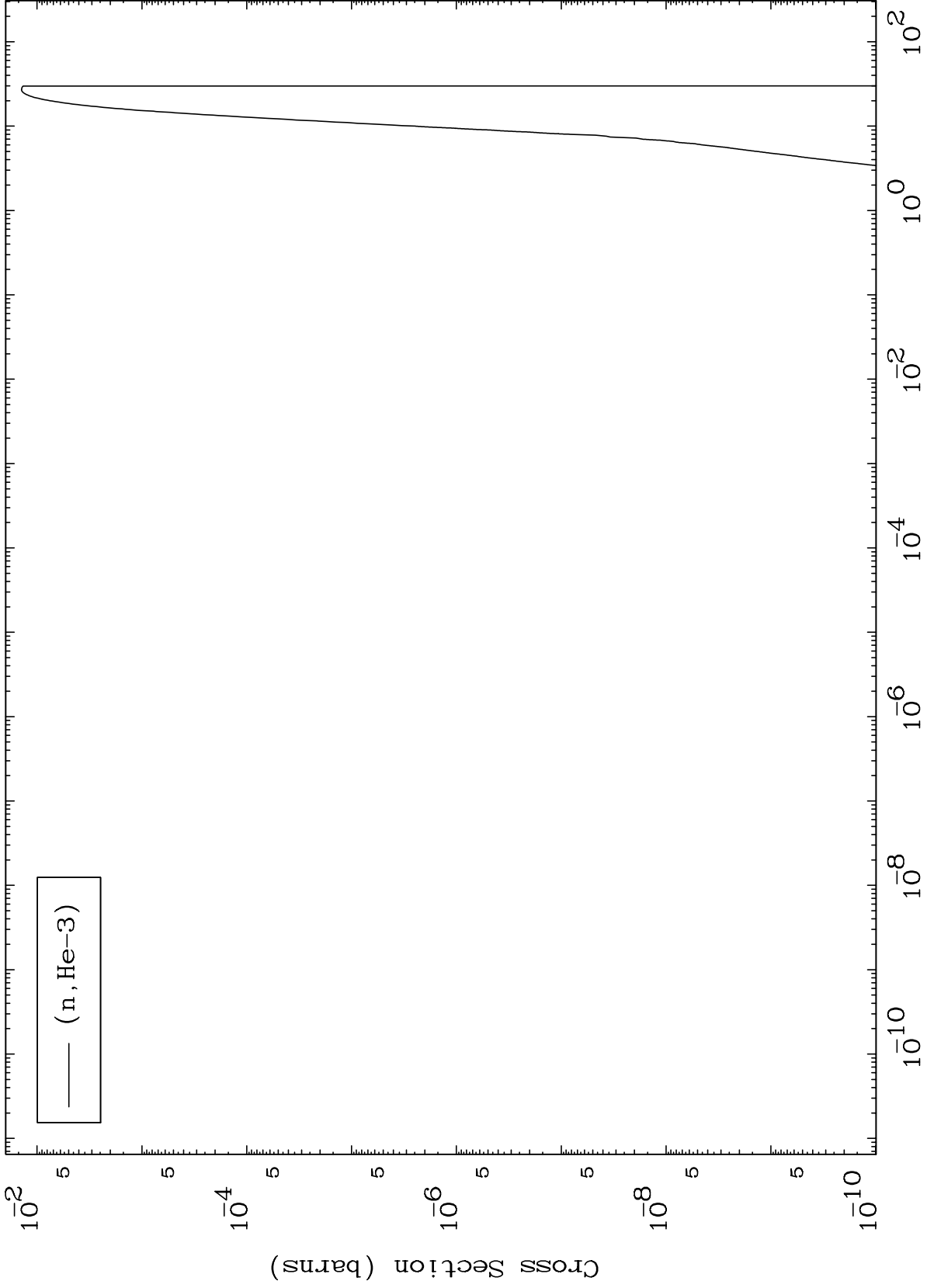
Incident Energy (MeV)

58-Ce-122

MAT 5783

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-122



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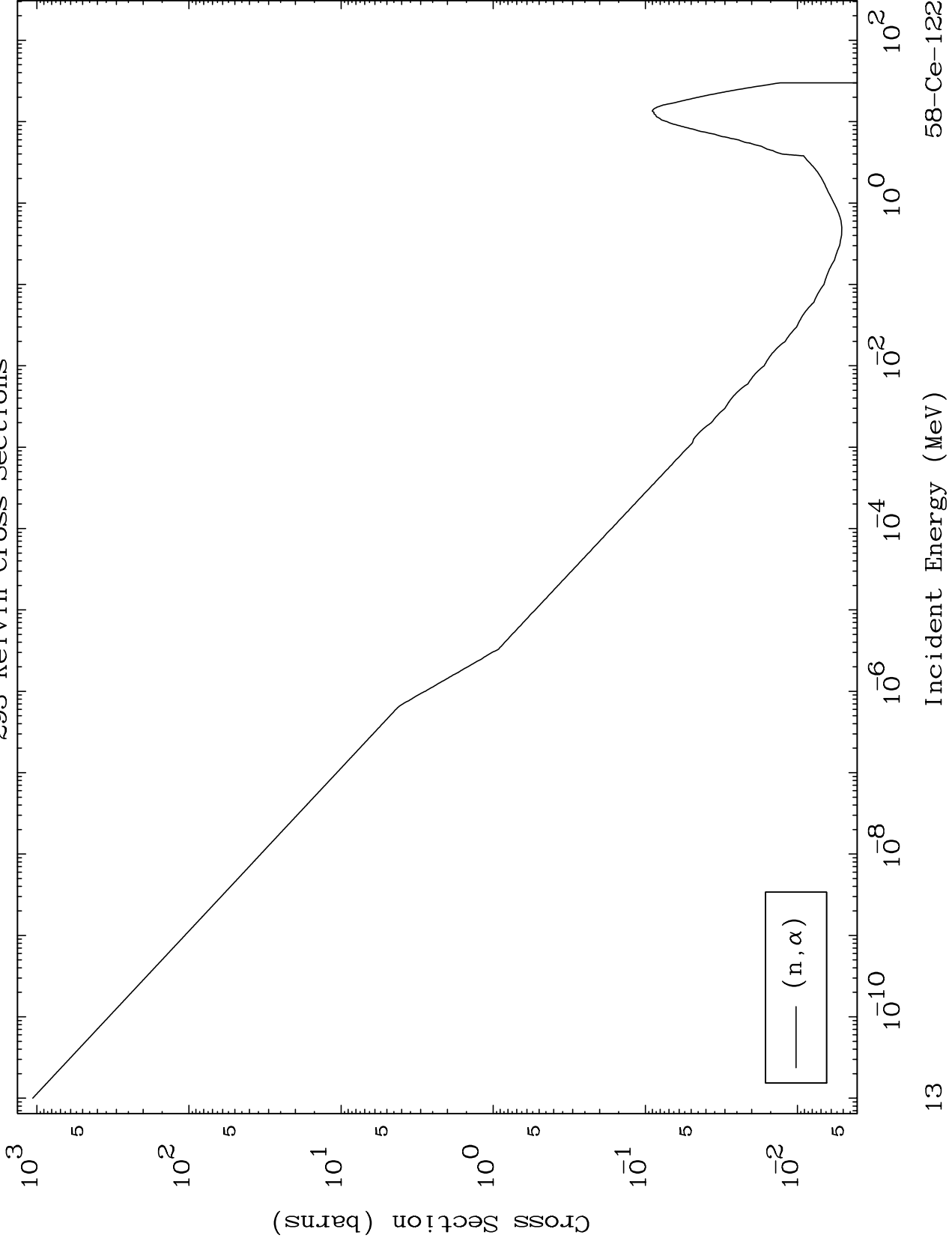
Incident Energy (MeV)

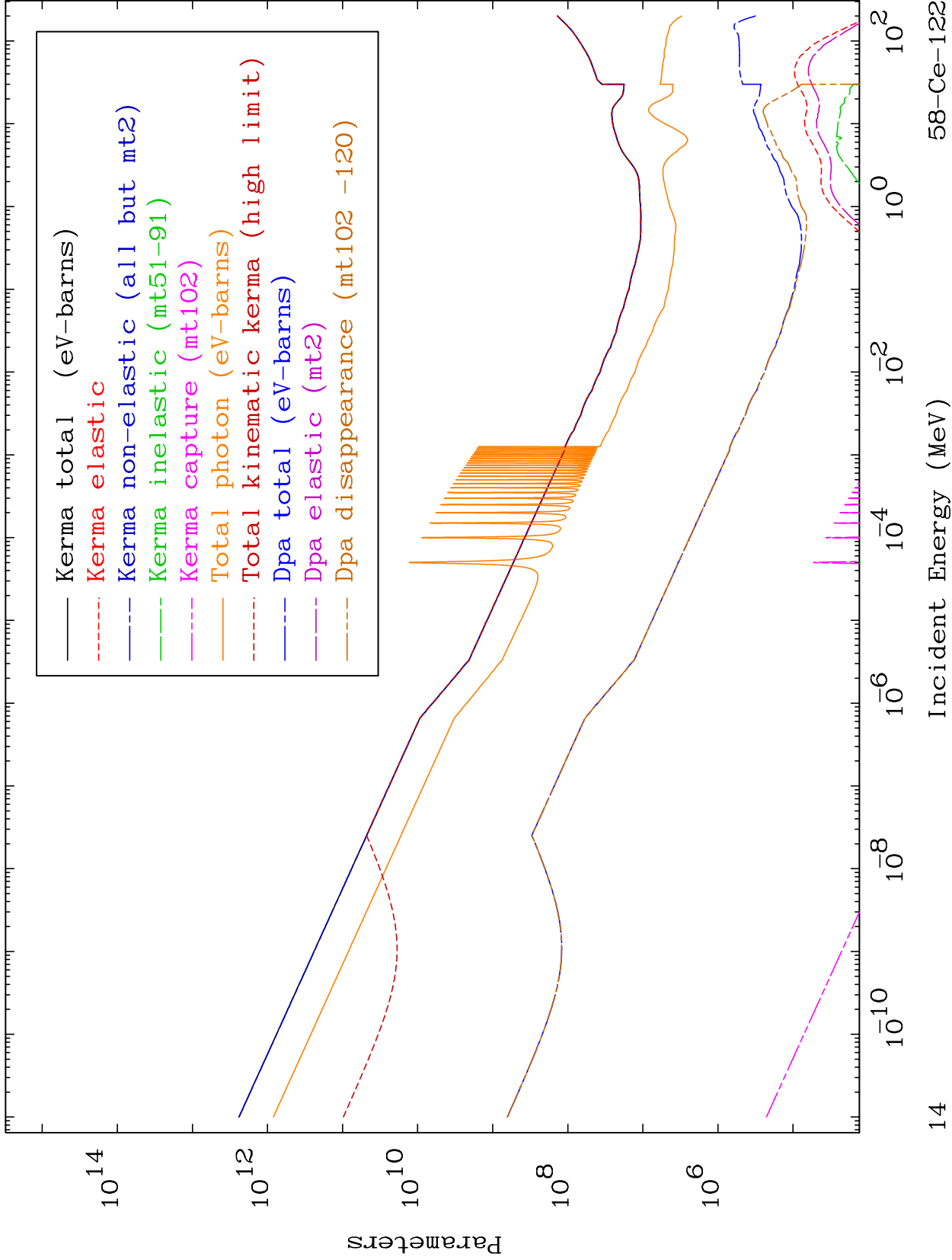
58-Ce-122

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(n, α) Levels
293 Kelvin Cross Sections

58-Ce-122

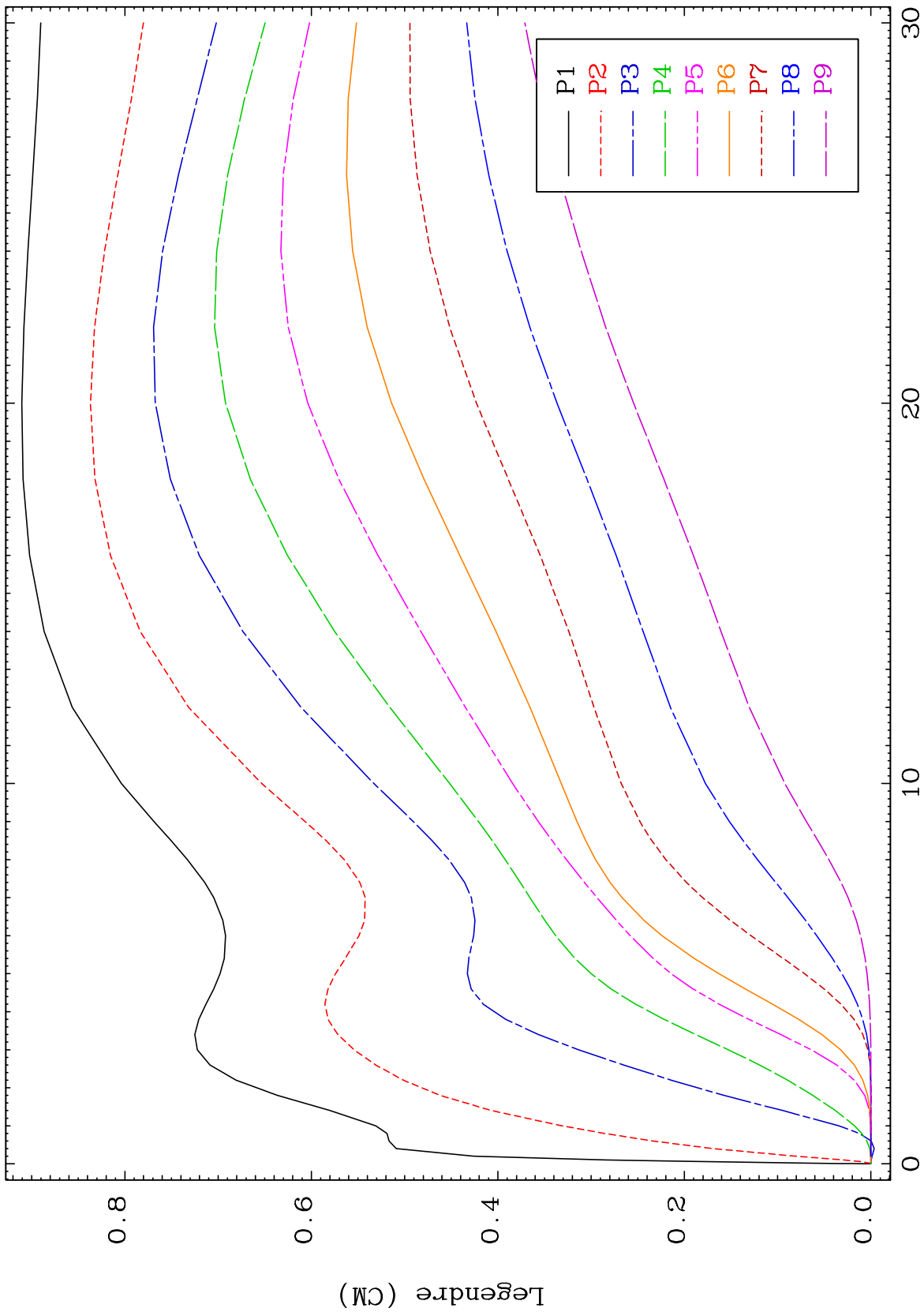




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Elastic Legendre Coefficients

58-Ce-122



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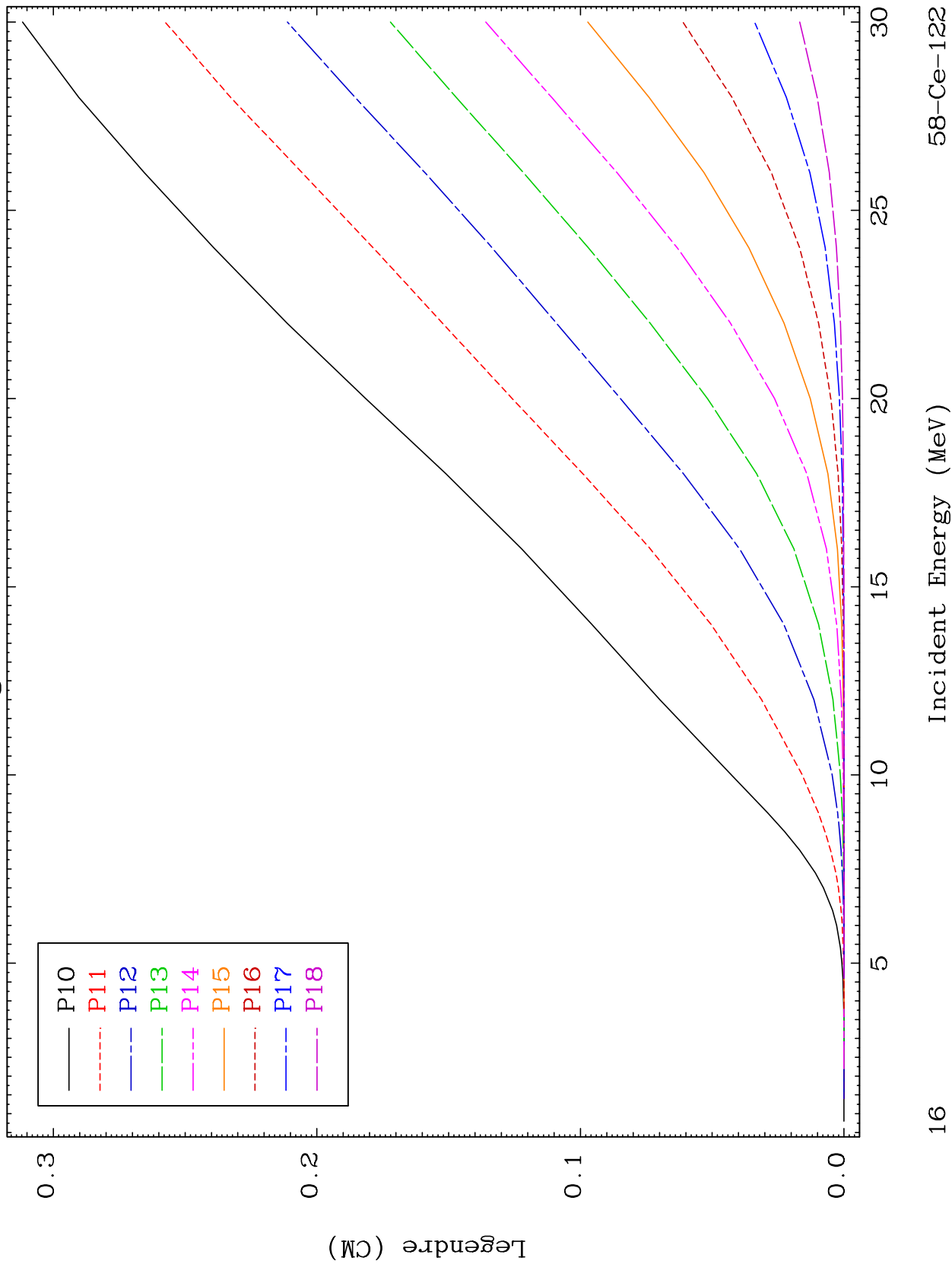
Incident Energy (MeV)

58-Ce-122

MAT 5783

Elastic Legendre Coefficients

58-Ce-122



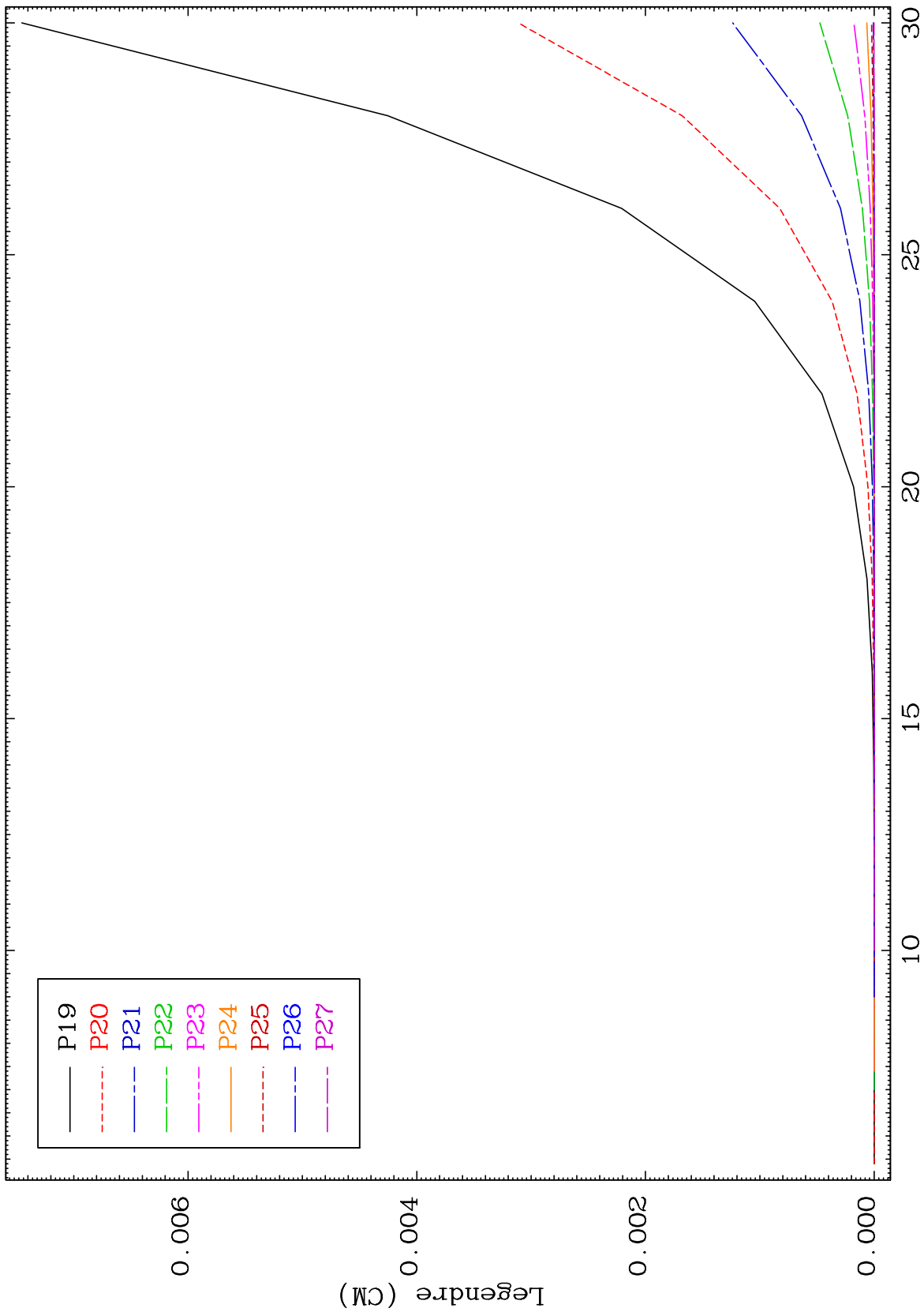
16

58-Ce-122

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Elastic Legendre Coefficients

58-Ce-122



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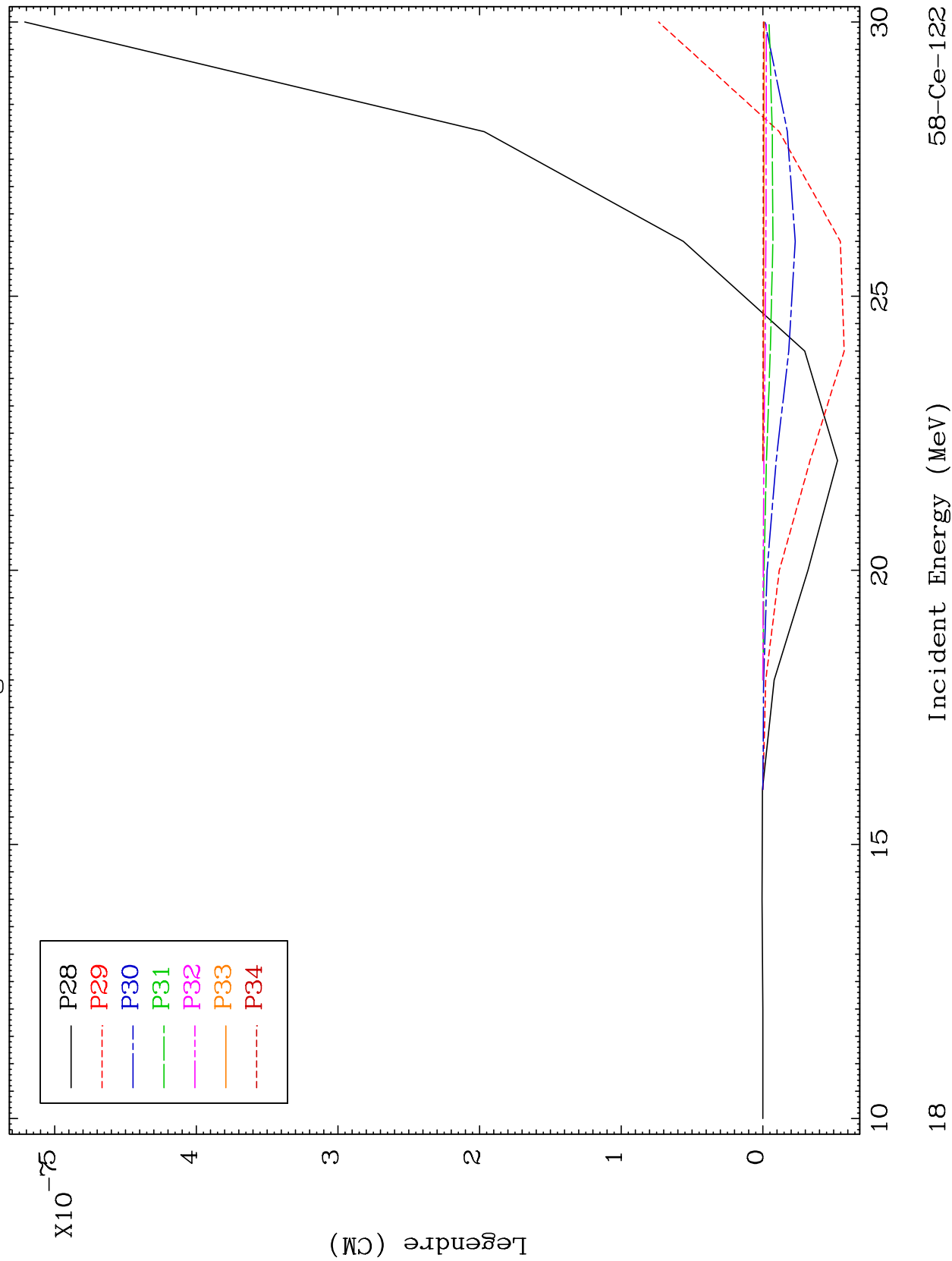
Incident Energy (MeV)

58-Ce-122

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Elastic
Legendre Coefficients

58-Ce-122



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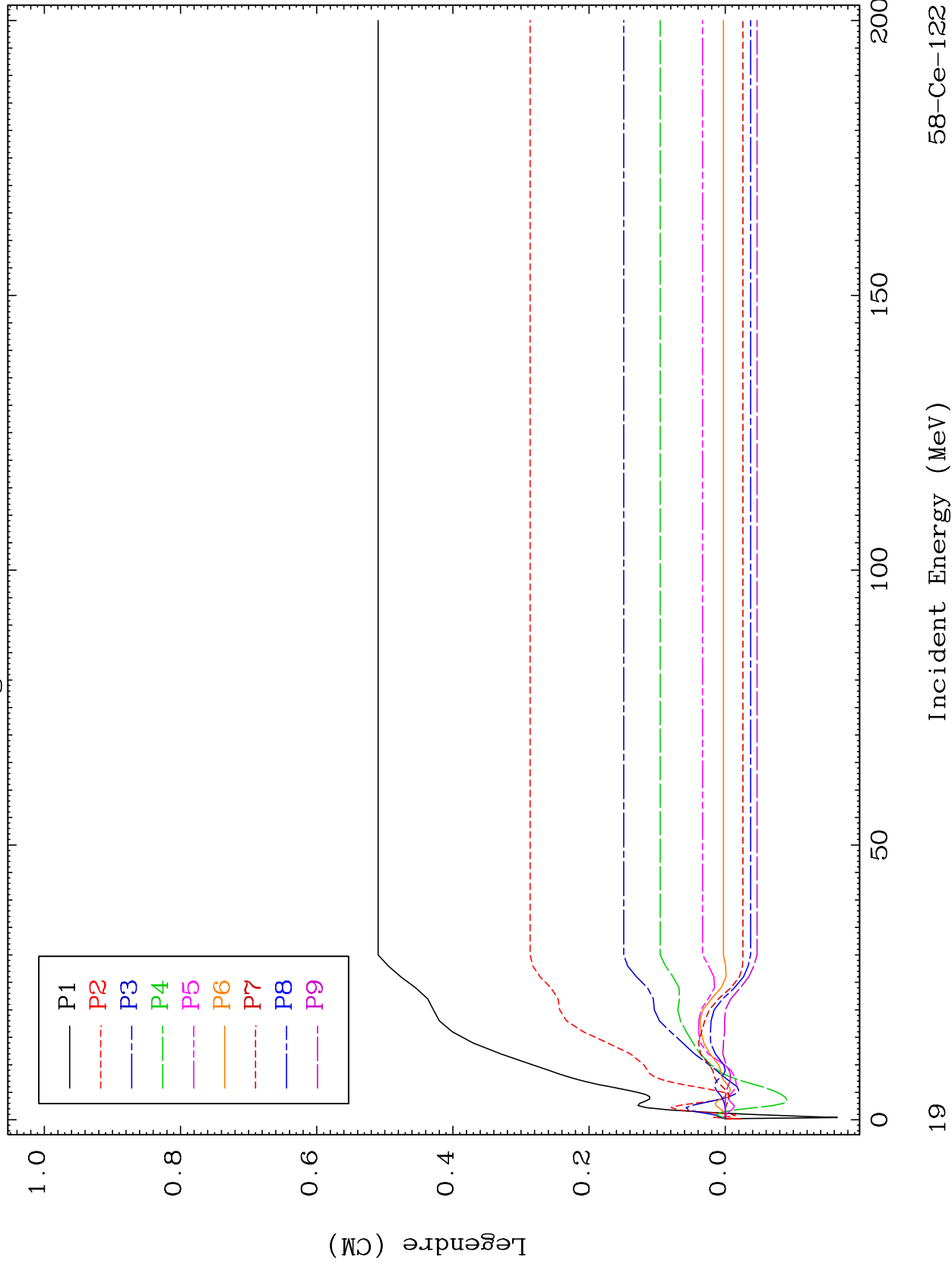
Incident Energy (MeV)

58-Ce-122

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136.4 keV (n,n') Level
Legendre Coefficients

58-Ce-122



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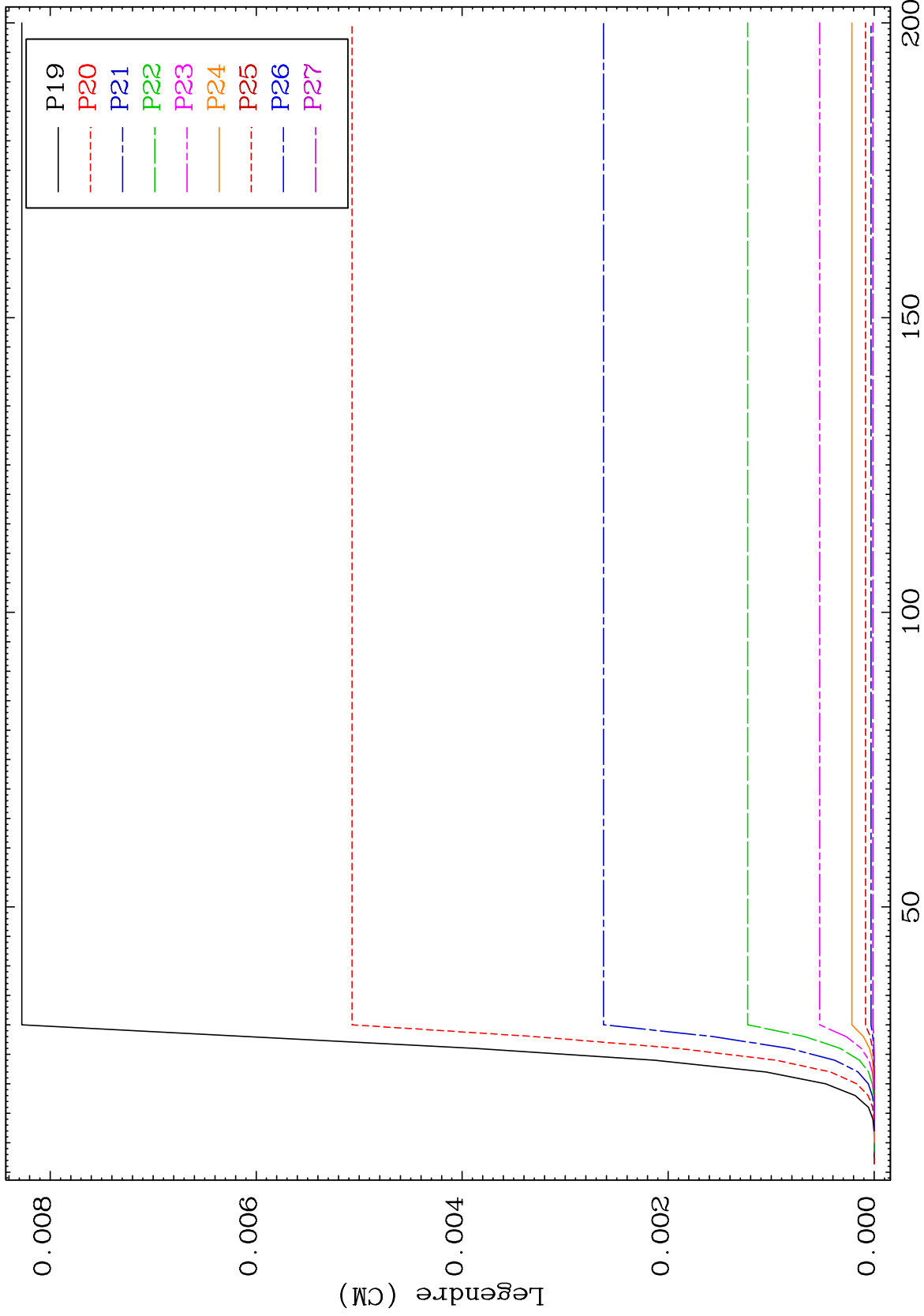
Incident Energy (MeV)

58-Ce-122

MAT 5783

136.4 keV (n,n') Level
Legendre Coefficients

58-Ce-122



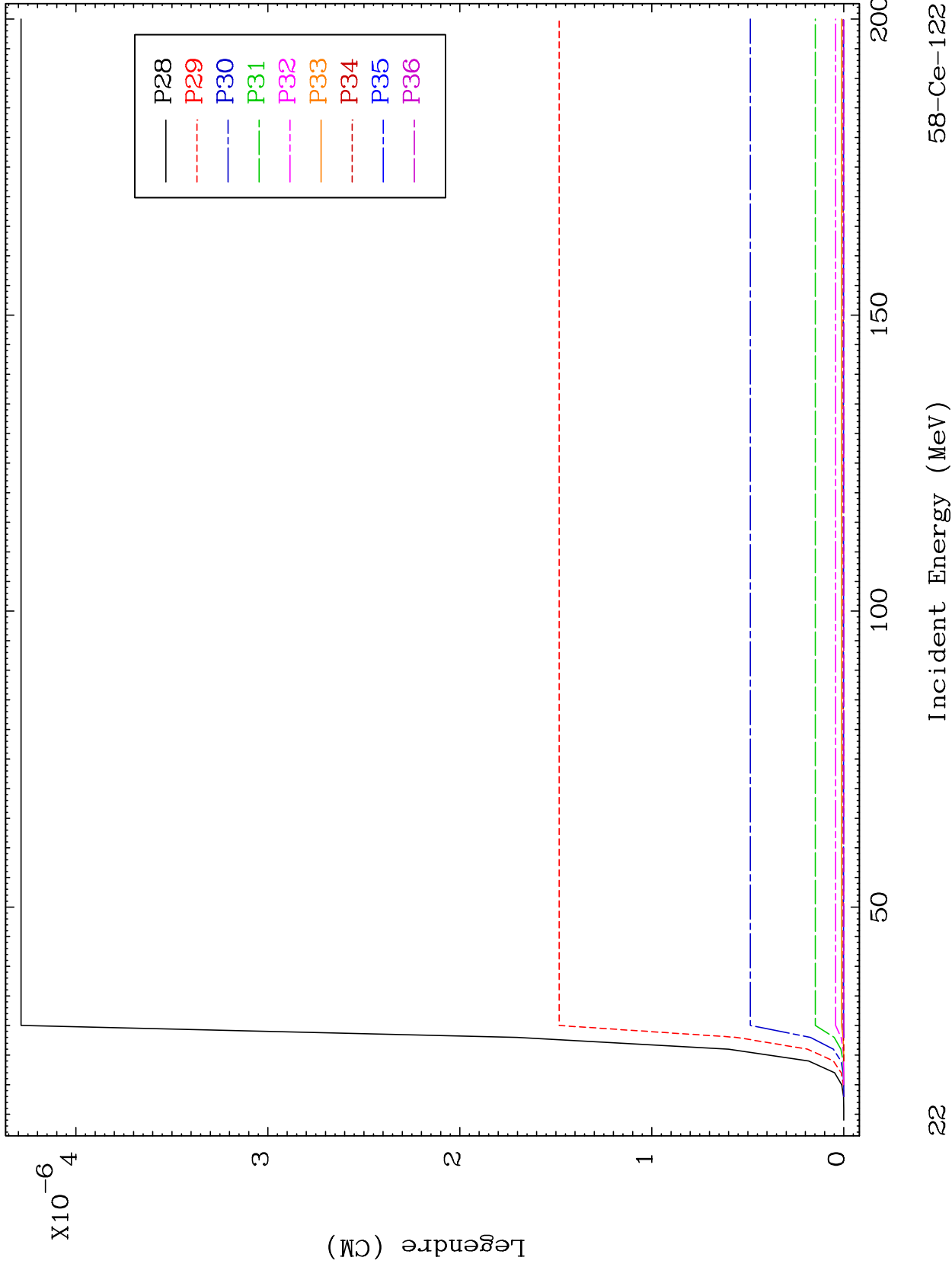
21

58-Ce-122

MAT 5783

136.4 keV (n,n') Level
Legendre Coefficients

58-Ce-122



22

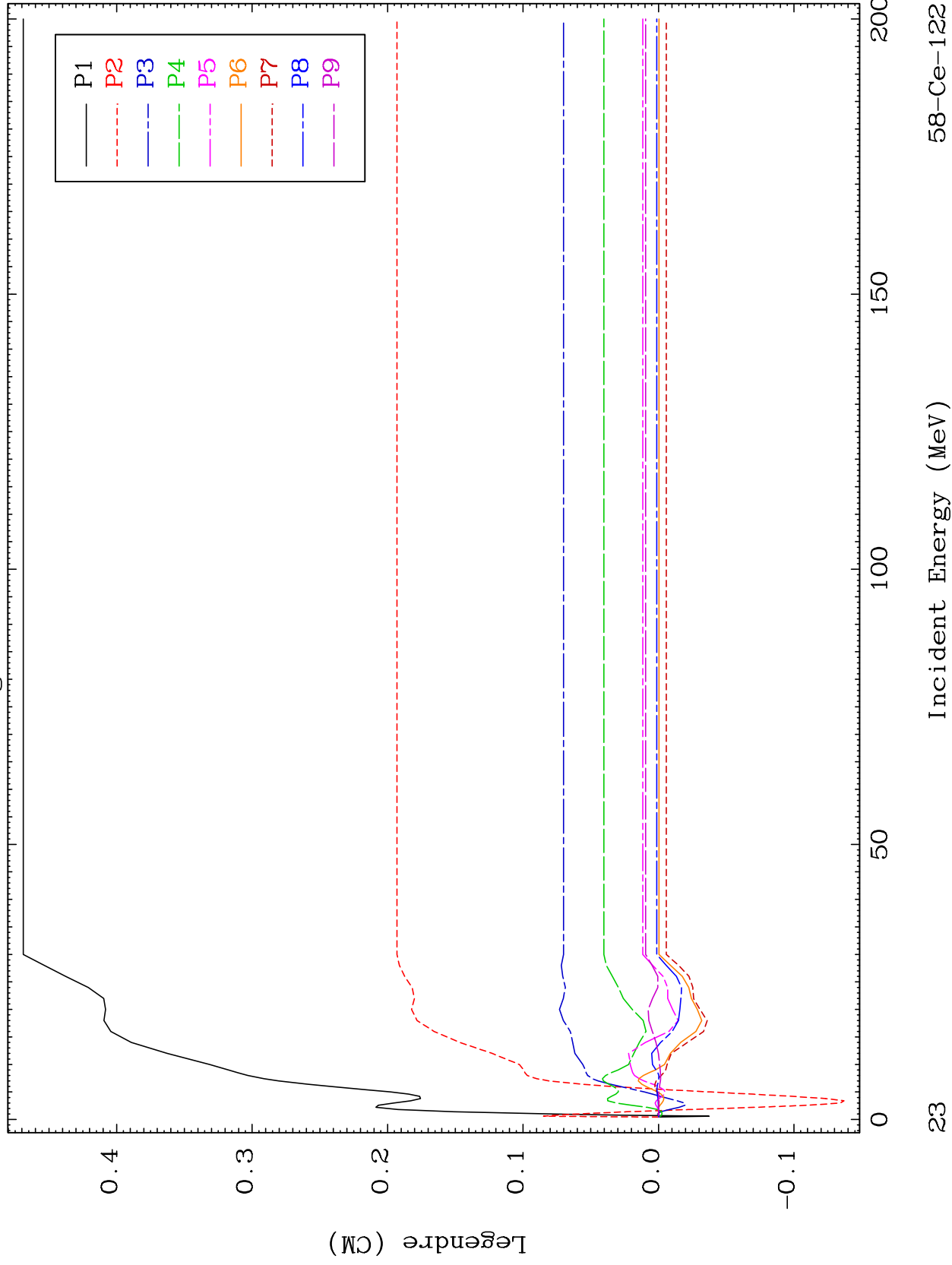
Incident Energy (MeV)

58-Ce-122

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434.7 keV (n,n') Level
Legendre Coefficients

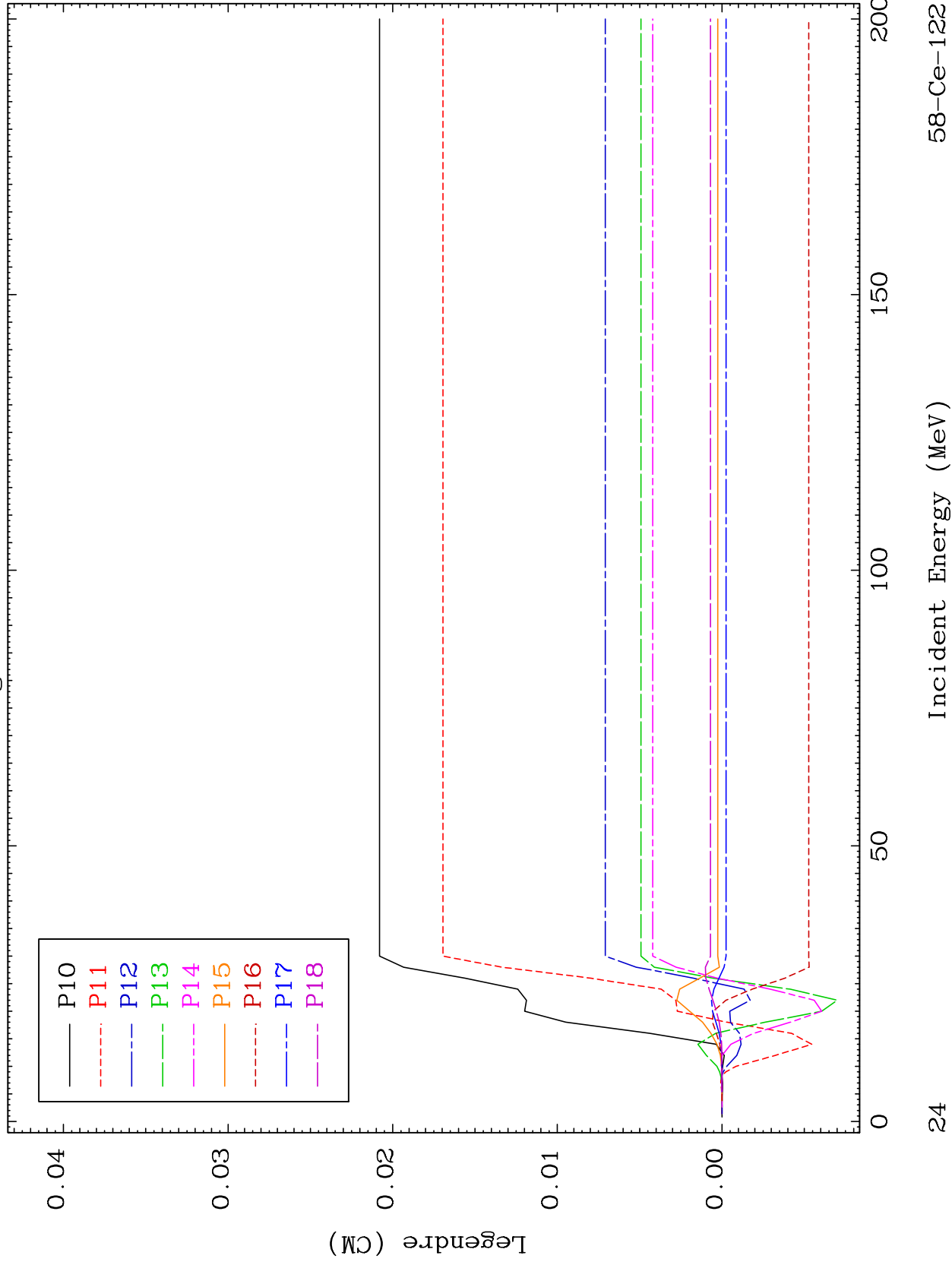
58-Ce-122



MAT 5783

434.7 keV (n,n') Level
Legendre Coefficients

58-Ce-122



58-Ce-122

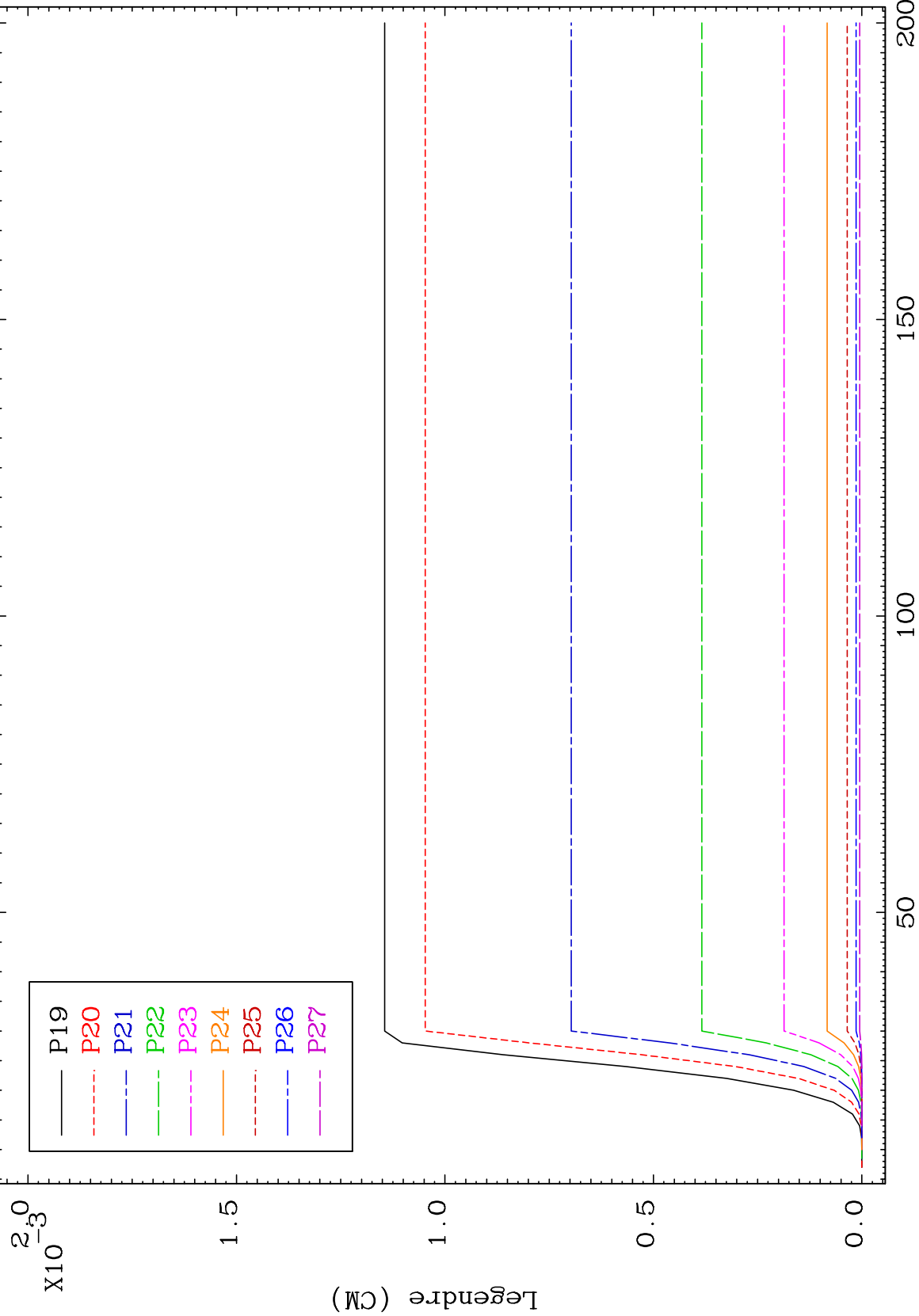
Incident Energy (MeV)

24

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434.7 keV (n,n') Level
Legendre Coefficients

58-Ce-122



25

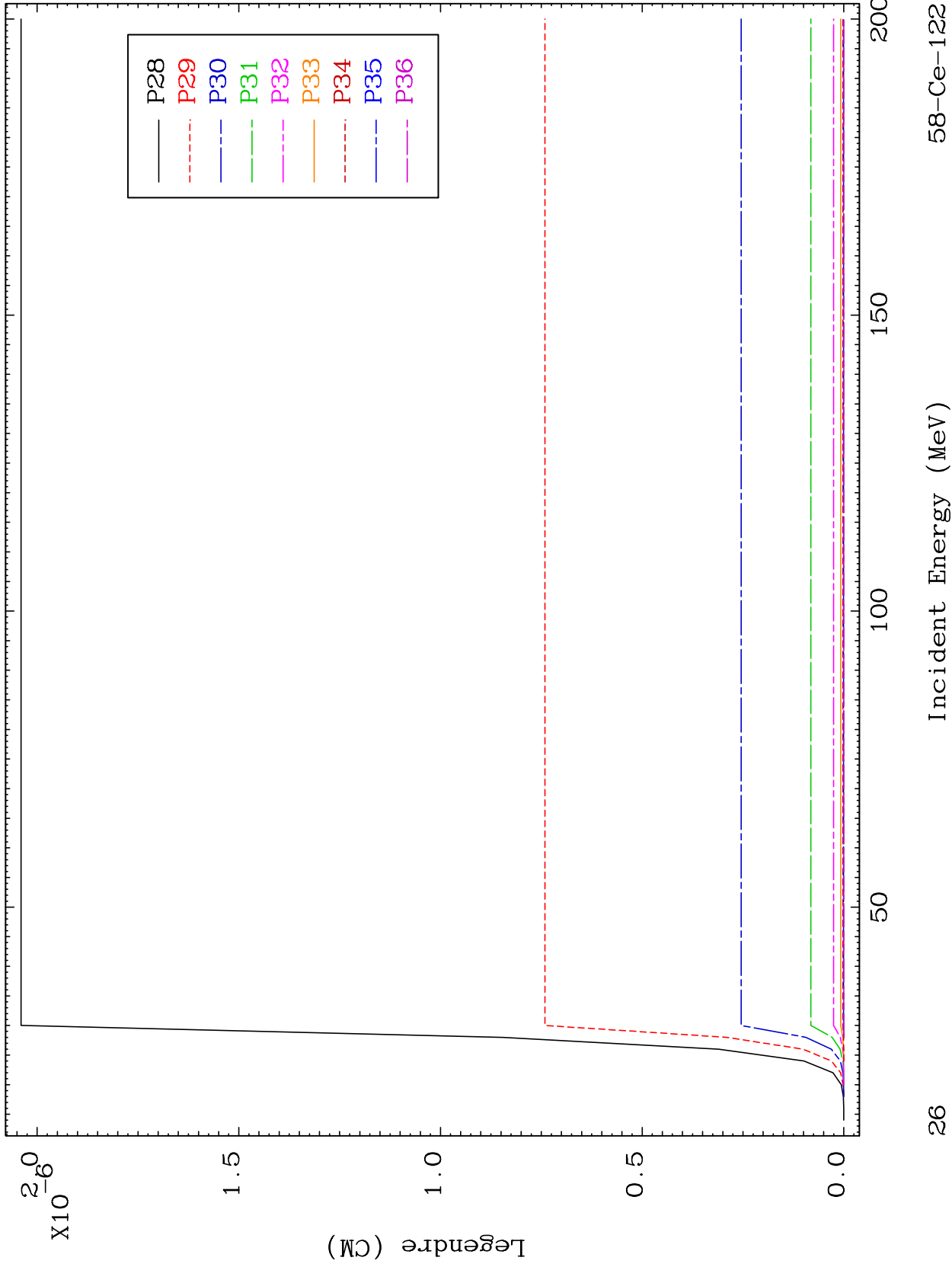
Incident Energy (MeV)

58-Ce-122

MAT 5783

434.7 keV (n,n') Level
Legendre Coefficients

58-Ce-122



26

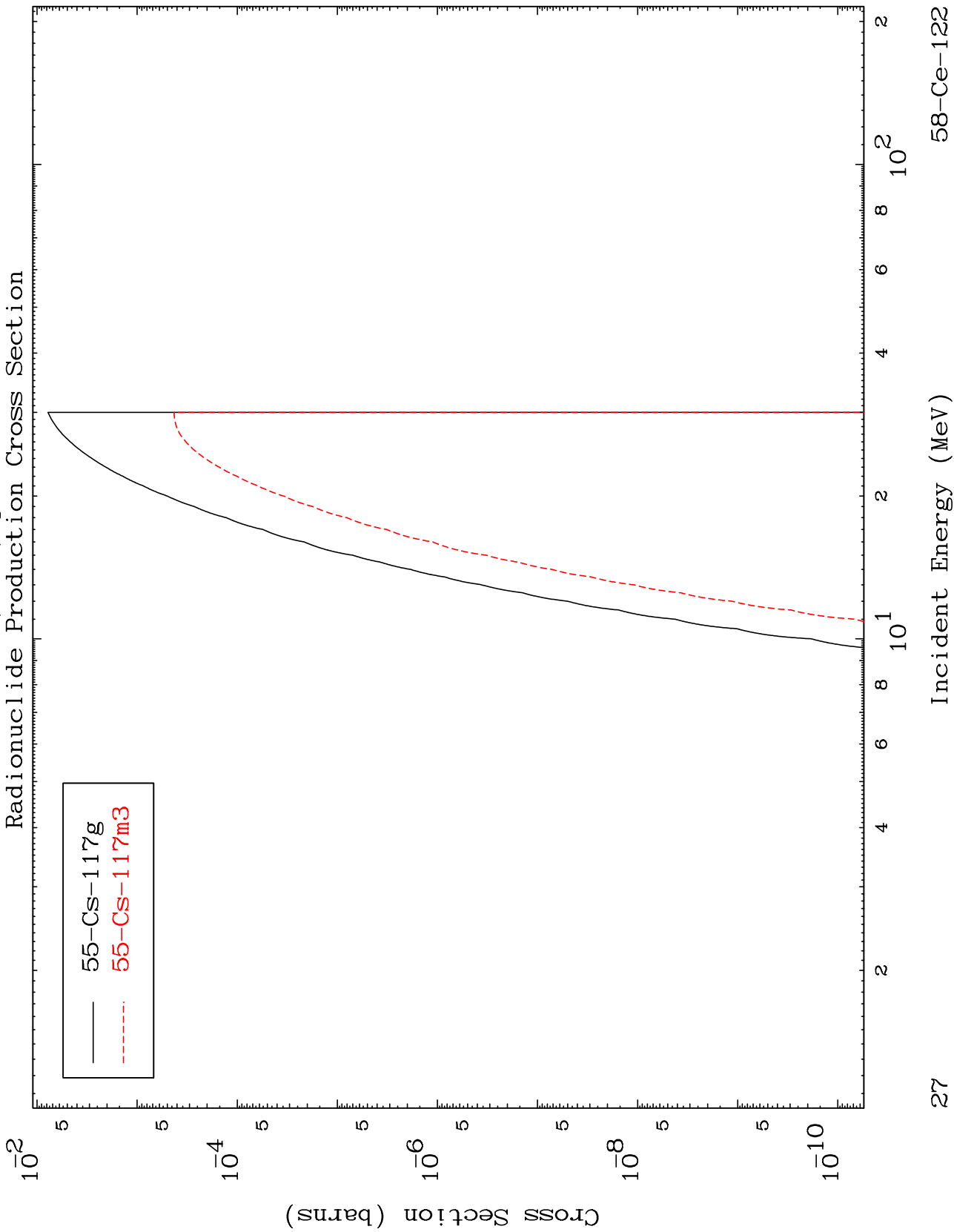
Incident Energy (MeV)

58-Ce-122

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(n,n') p α

58-Ce-122

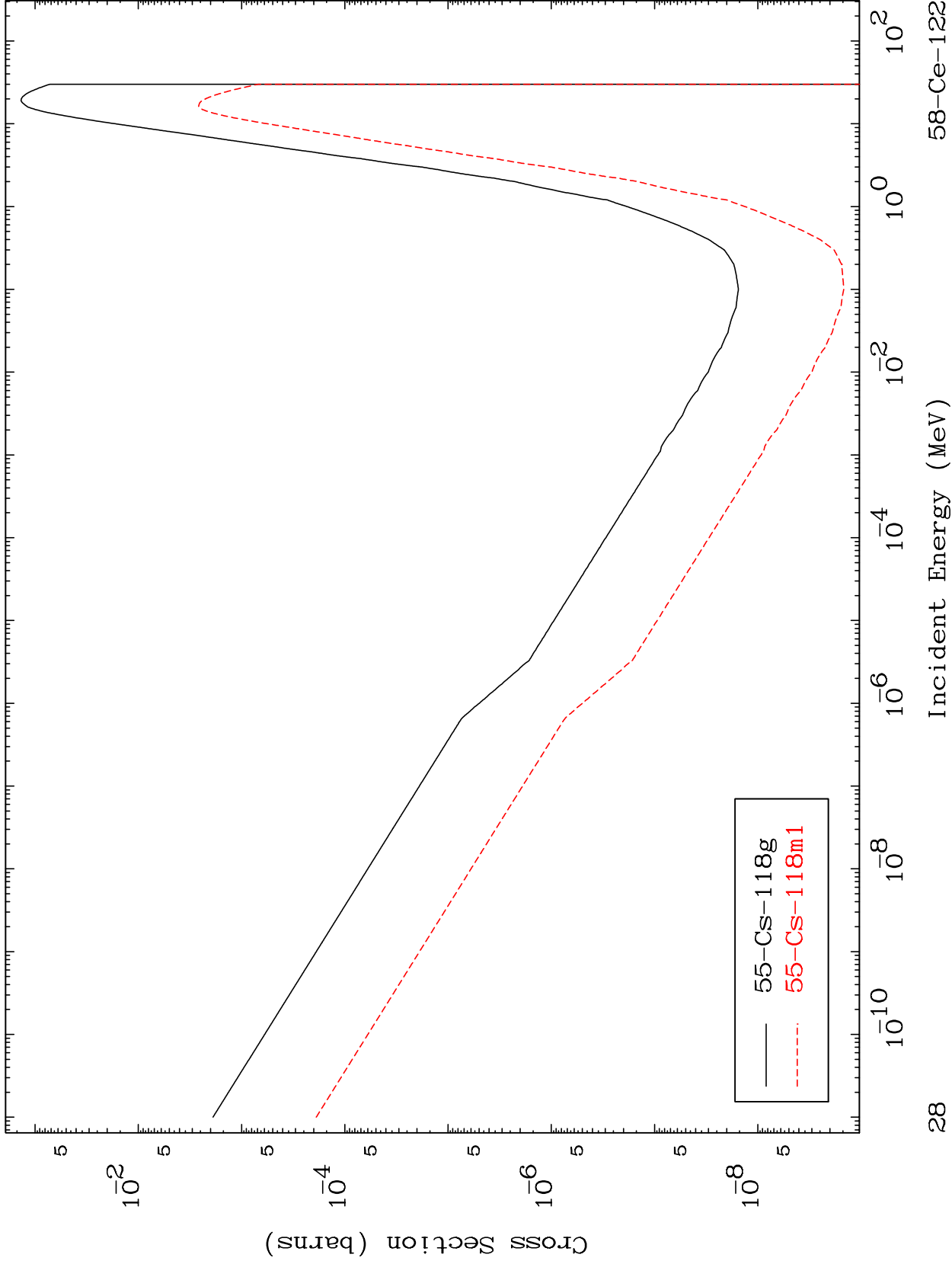


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(n,p) α

58-Ce-122

Radionuclide Production Cross Section



MAT 5783

(n,d) α

58-Ce-122

Radionuclide Production Cross Section

