

Program EVALPLOT
(Version 2018-1)

by

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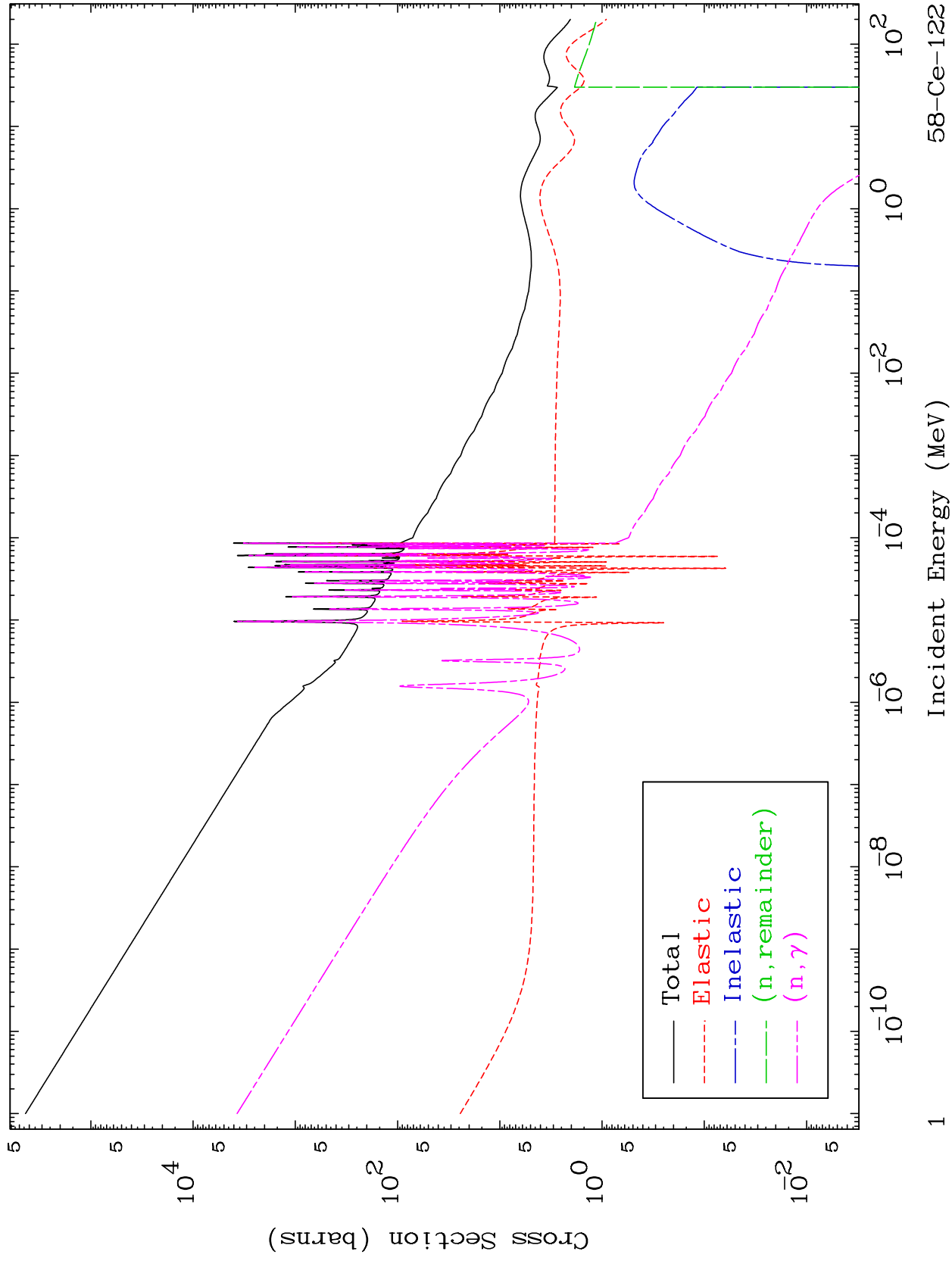
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5783

Major
293 Kelvin Cross Sections

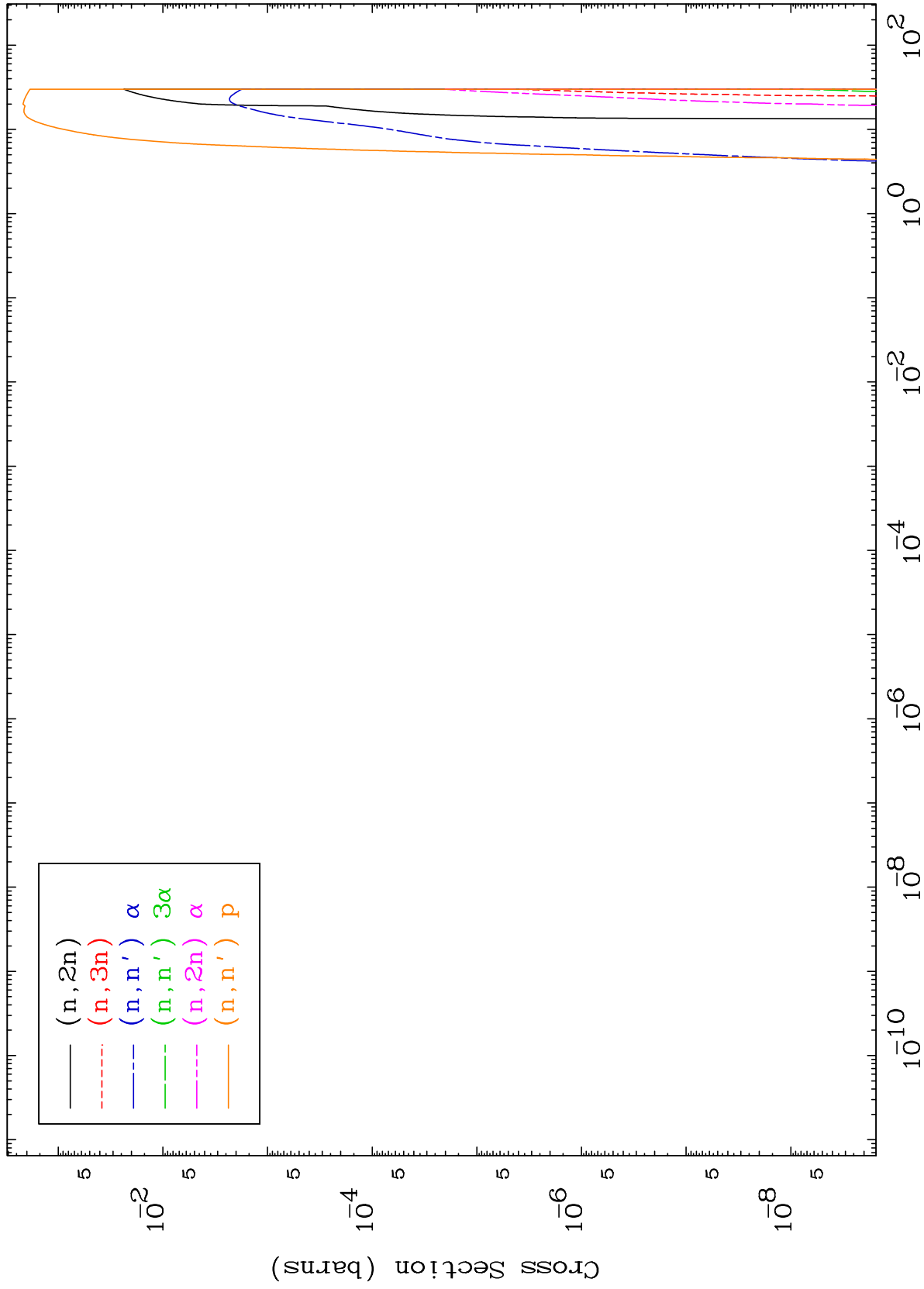
58-Ce-122



MAT 5783

Neutron Production
293 Kelvin Cross Sections

58-Ce-122



2

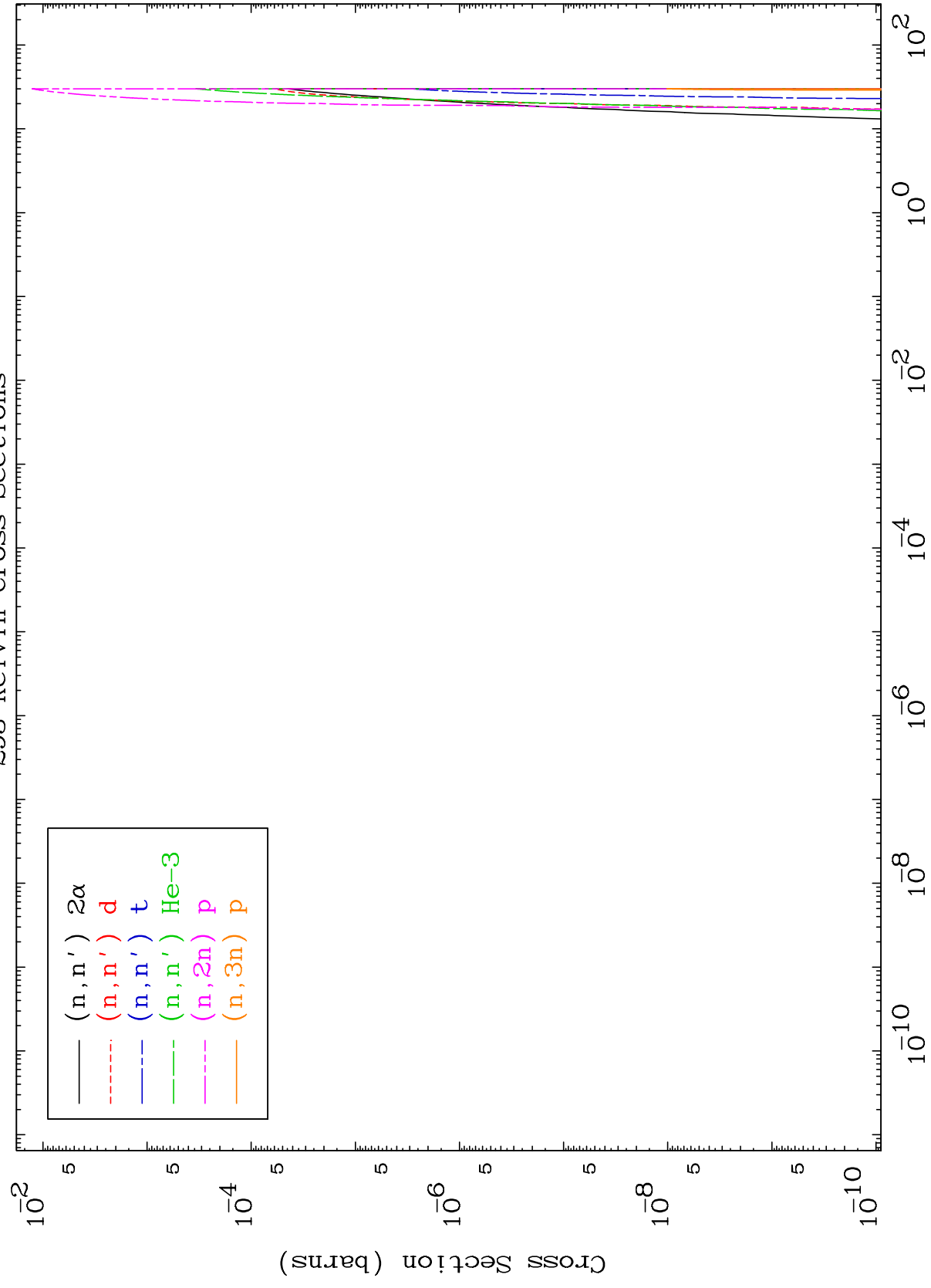
Incident Energy (MeV)

58-Ce-122

MAT 5783

Neutron Production
293 Kelvin Cross Sections

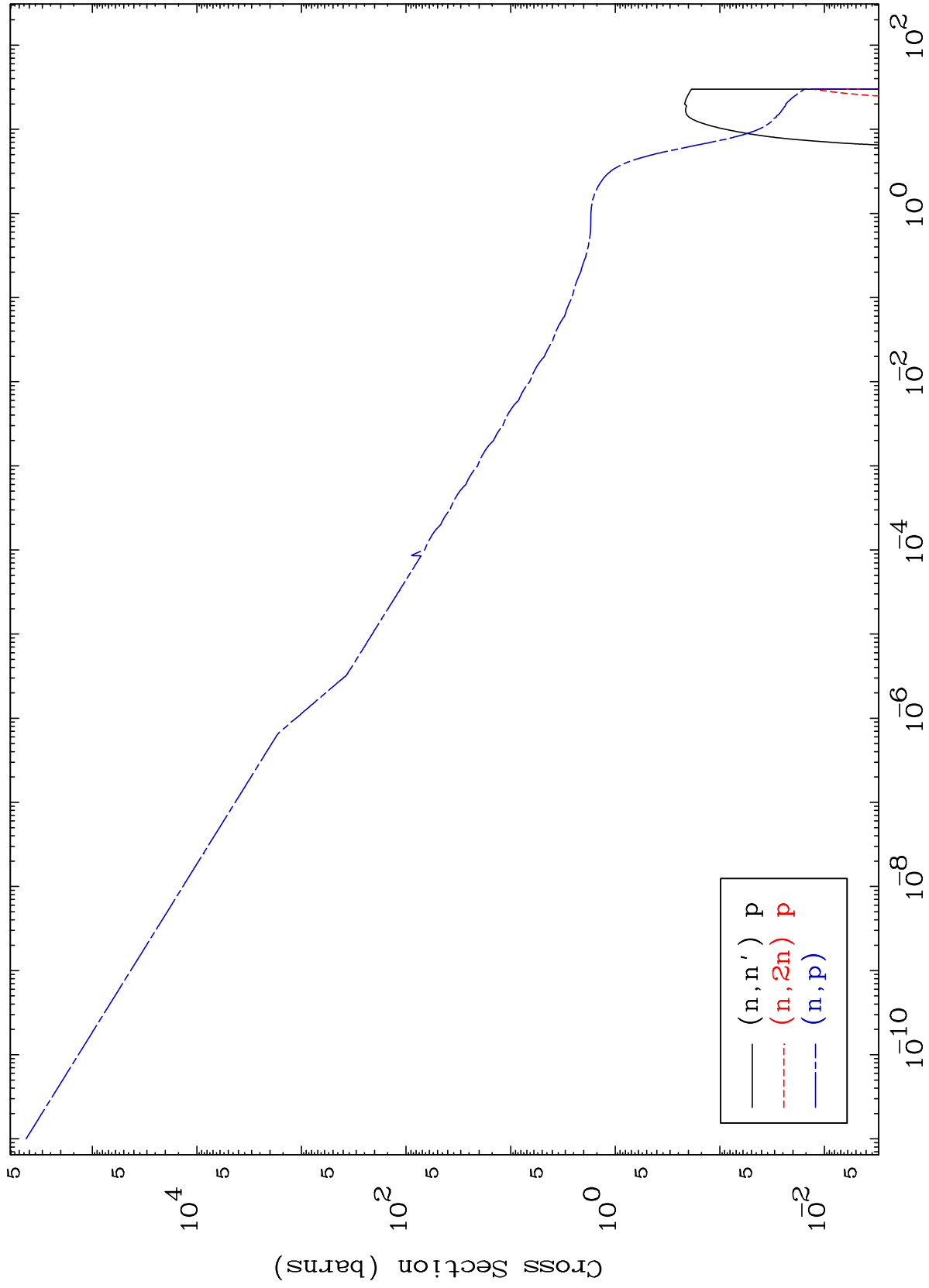
58-Ce-122



MAT 5783

Charged Particle
293 Kelvin Cross Sections

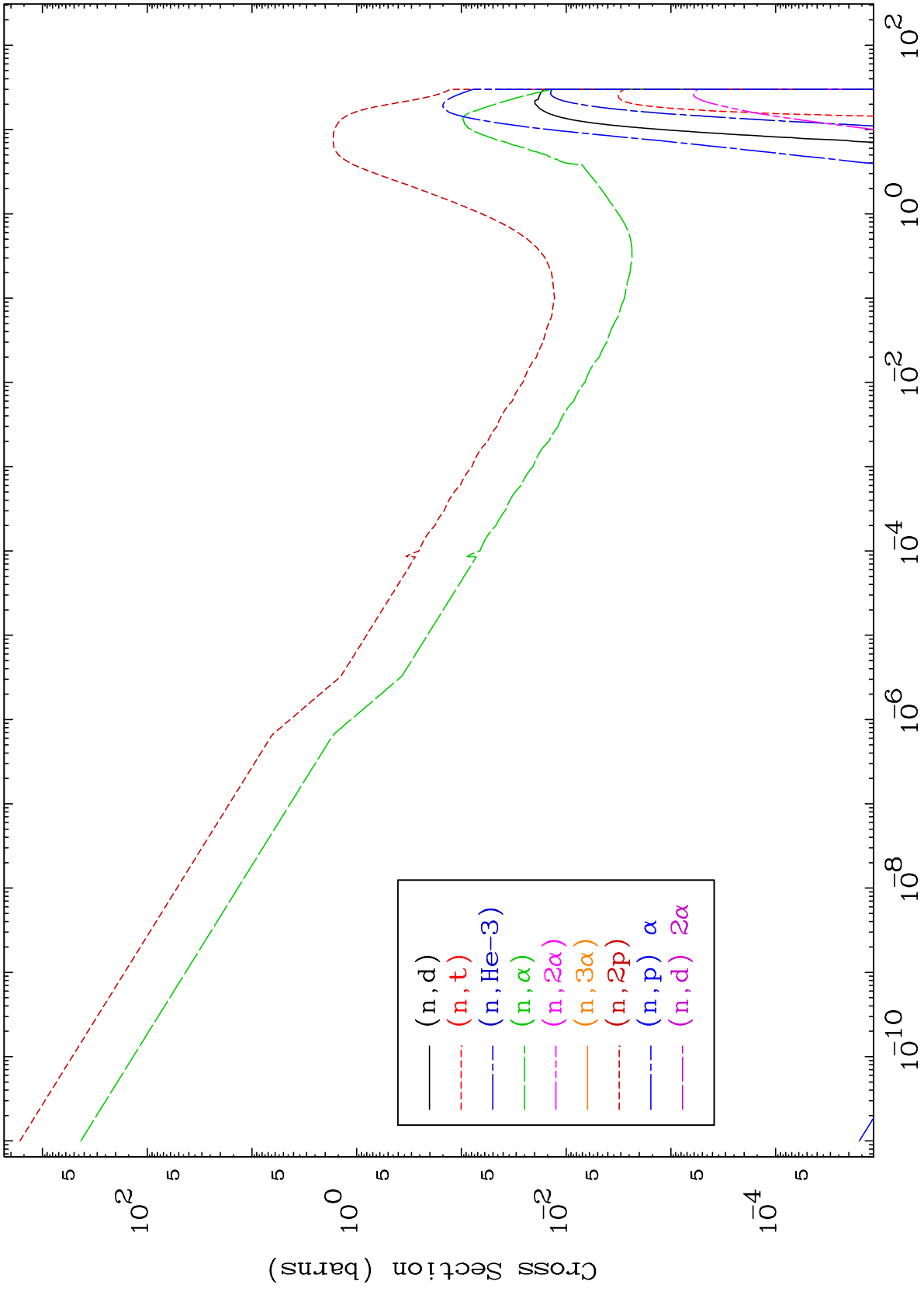
58-Ce-122



MAT 5783

Charged Particle
293 Kelvin Cross Sections

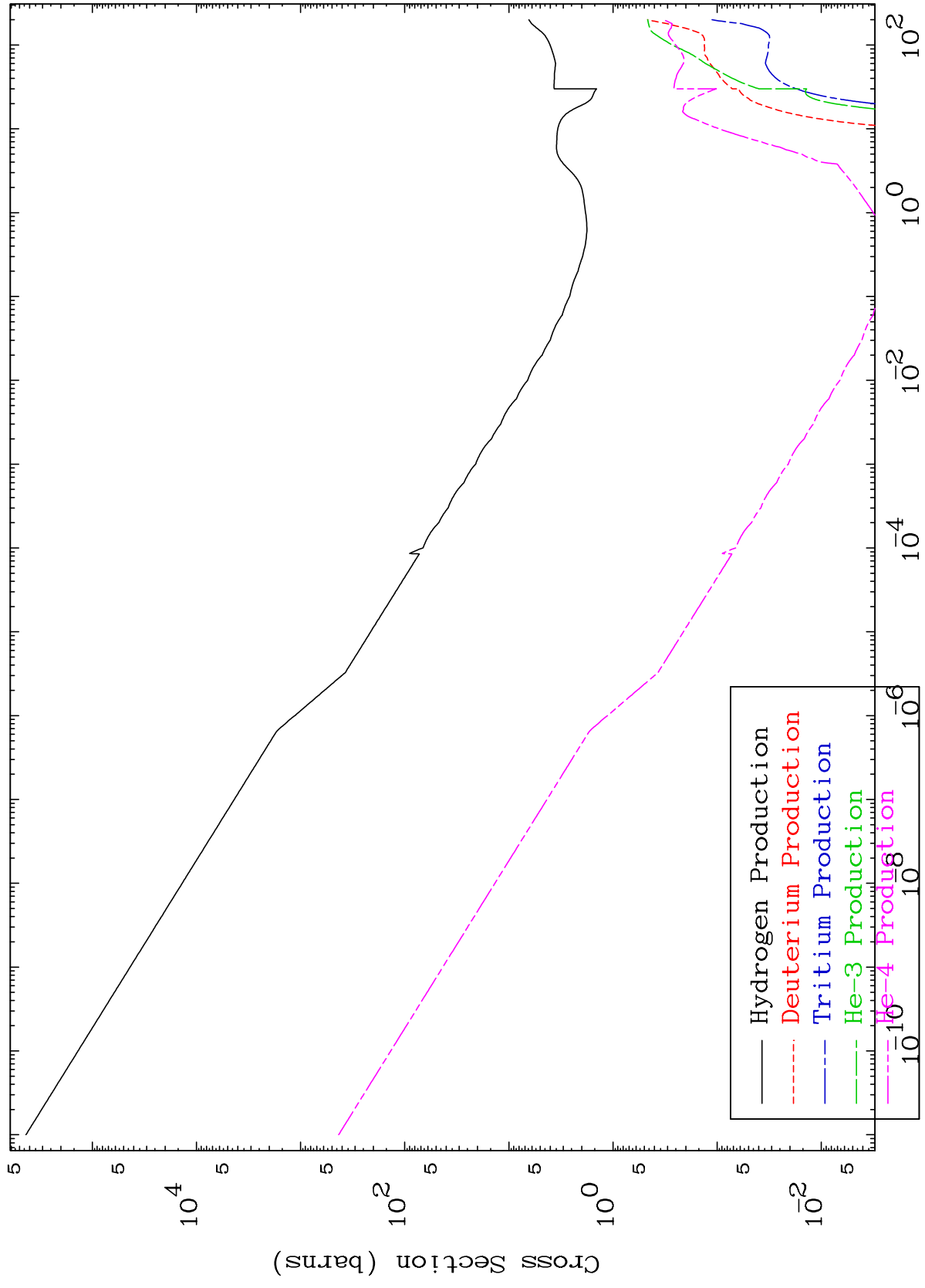
58-Ce-122



MAT 5783

Particle Production
293 Kelvin Cross Sections

58-Ce-122



58-Ce-122

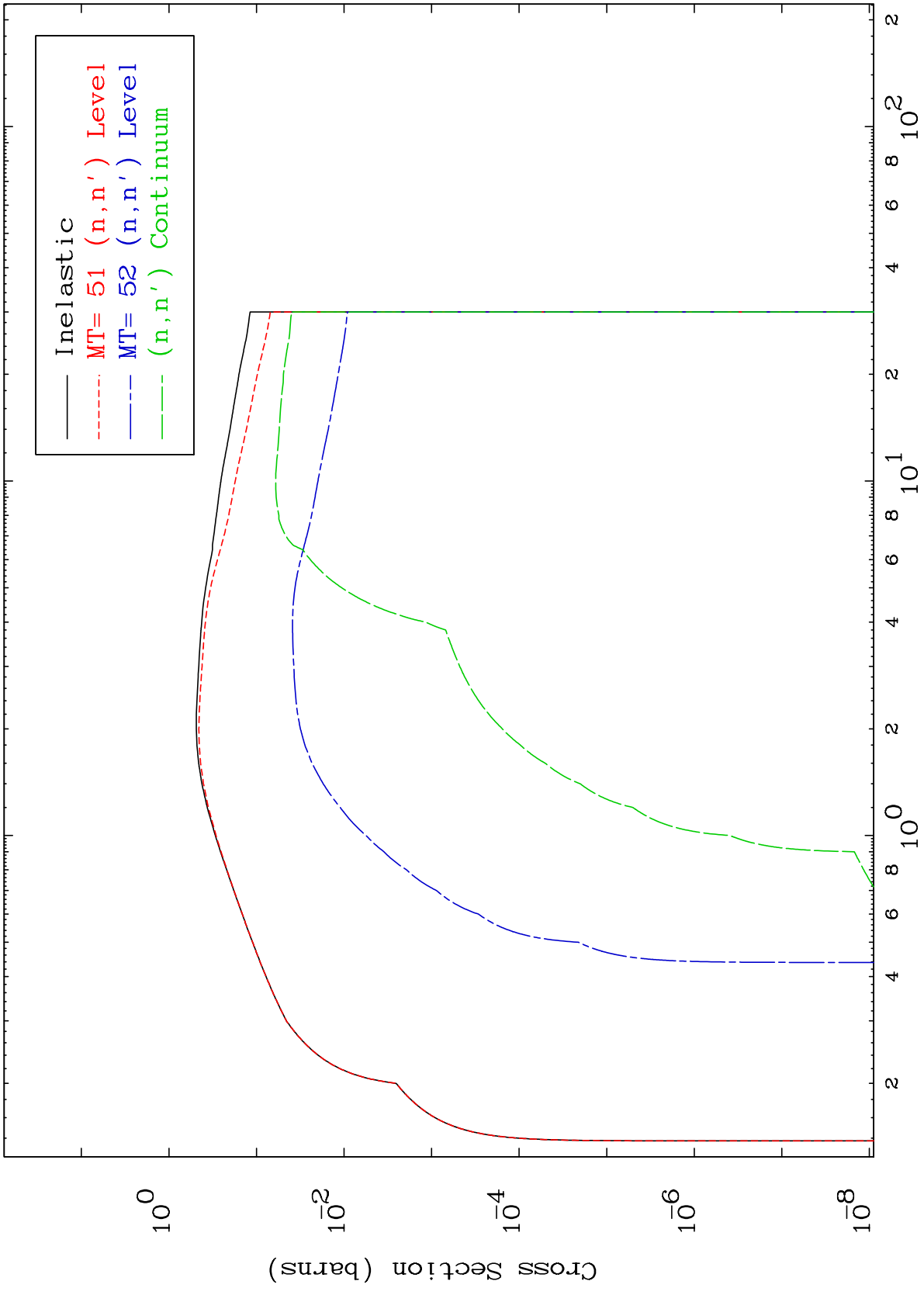
Incident Energy (MeV)

6

MAT 5783

(n,n') Level
293 Kelvin Cross Sections

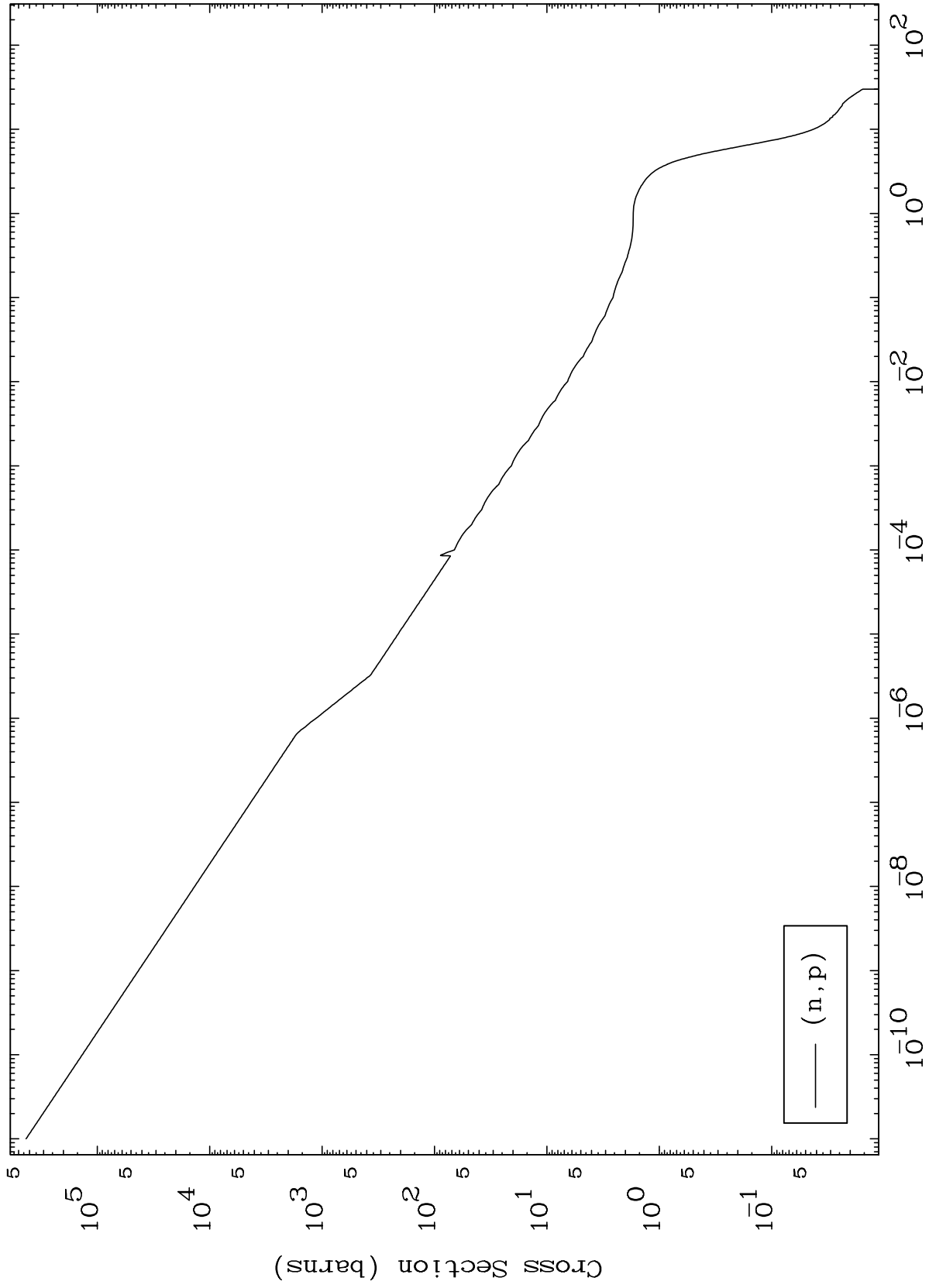
58-Ce-122



MAT 5783

(n,p) Levels
293 Kelvin Cross Sections

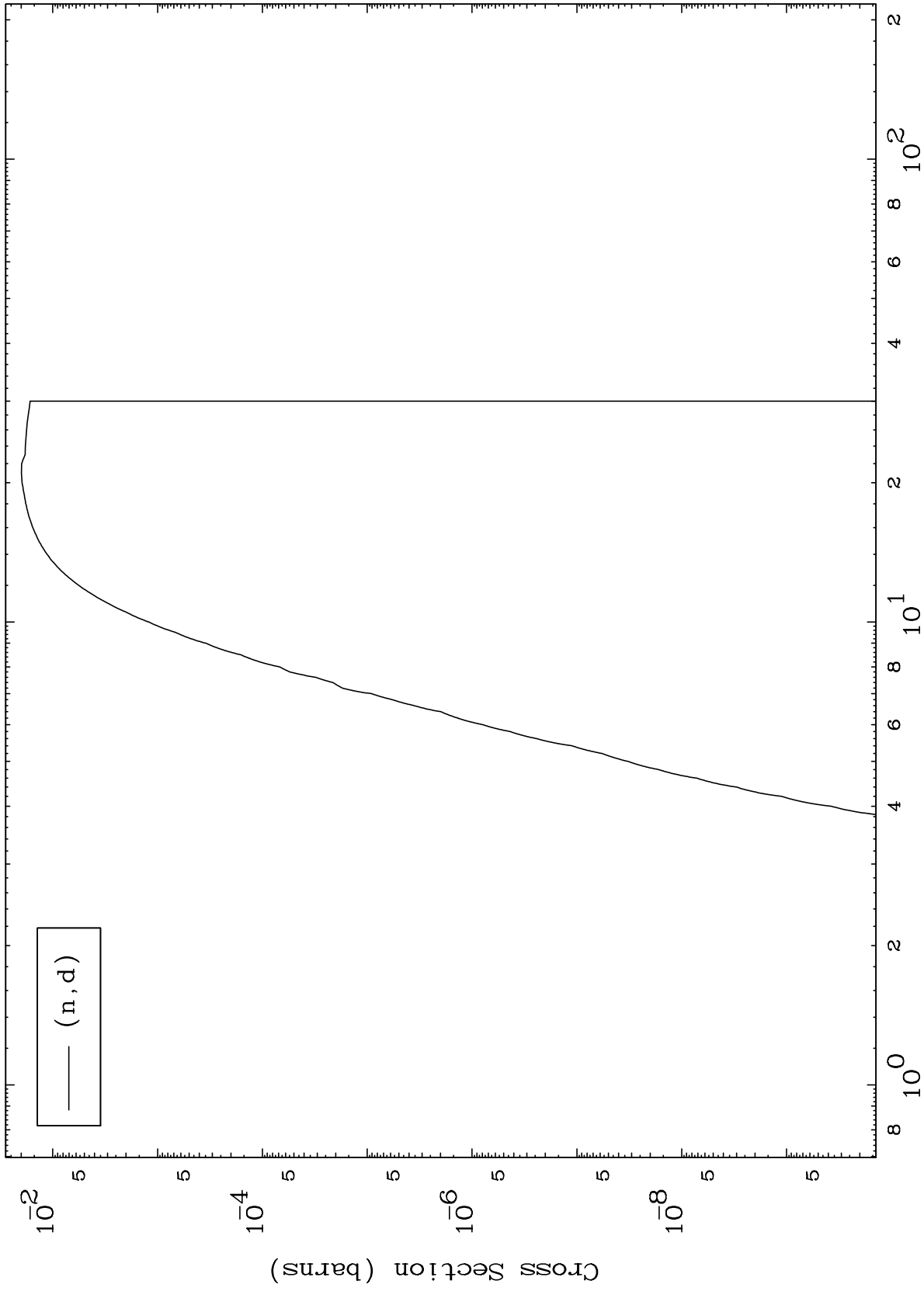
58-Ce-122



MAT 5783

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-122



9

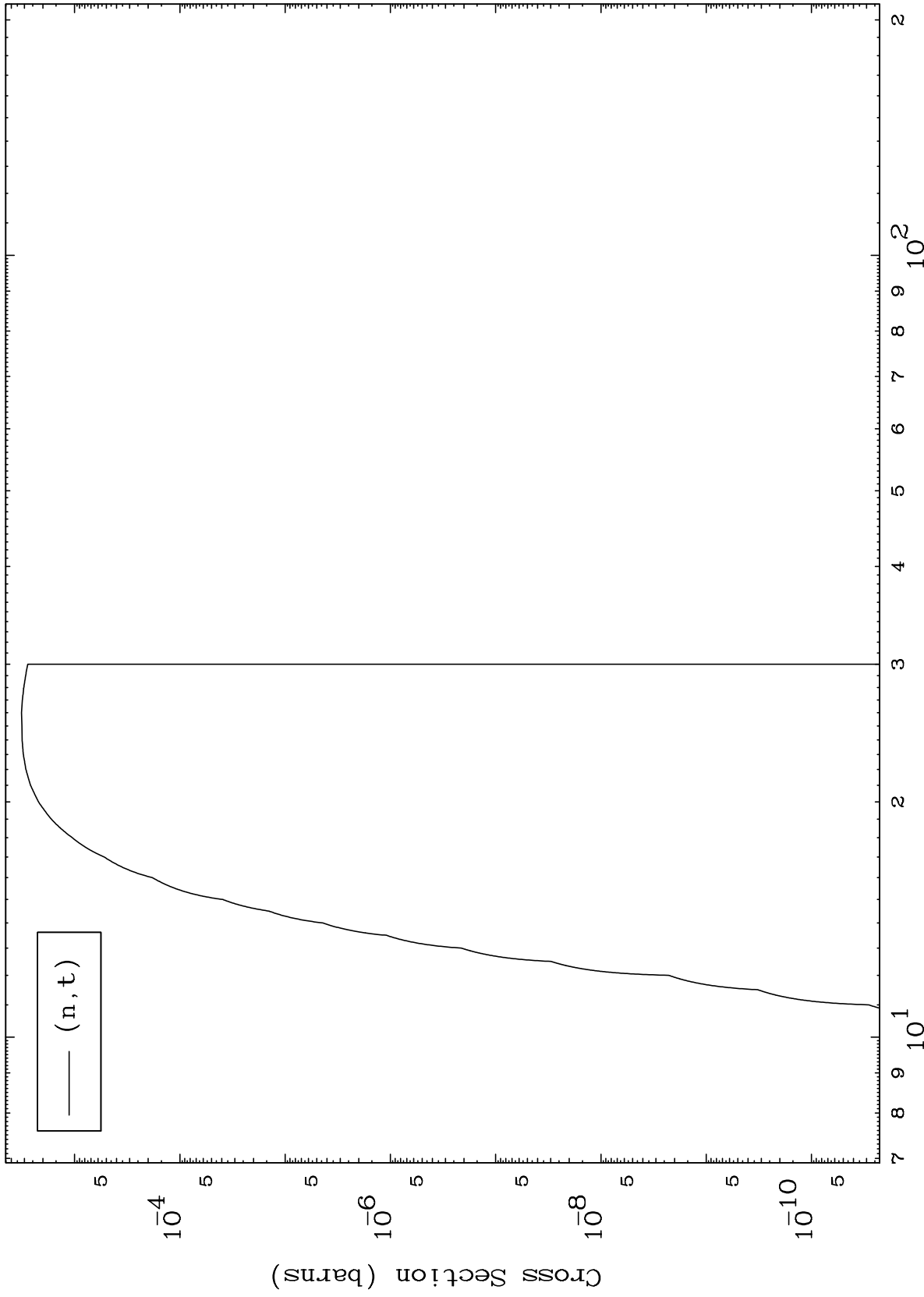
Incident Energy (MeV)

58-Ce-122

MAT 5783

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-122



10

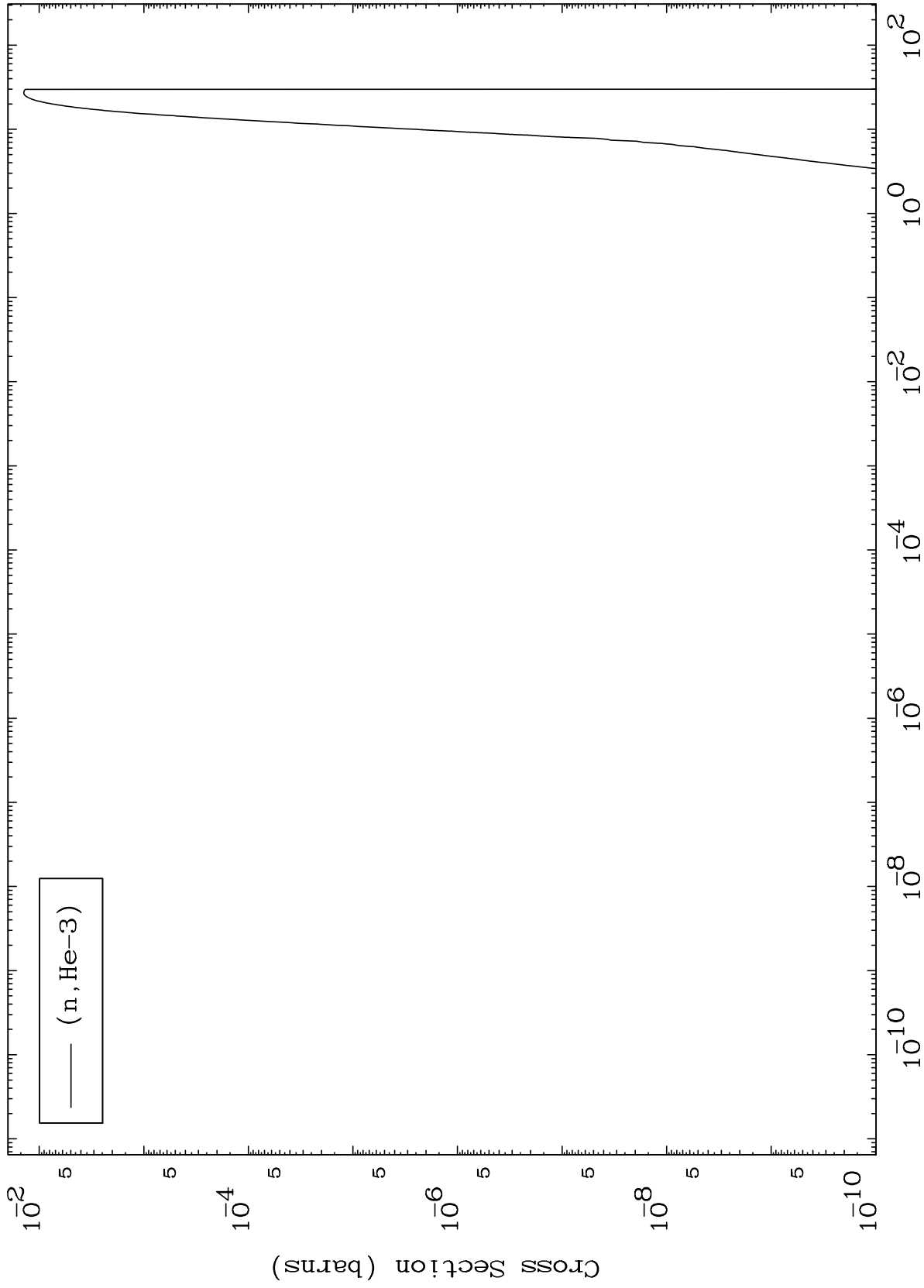
Incident Energy (MeV)

58-Ce-122

MAT 5783

(n,He3) Levels
293 Kelvin Cross Sections

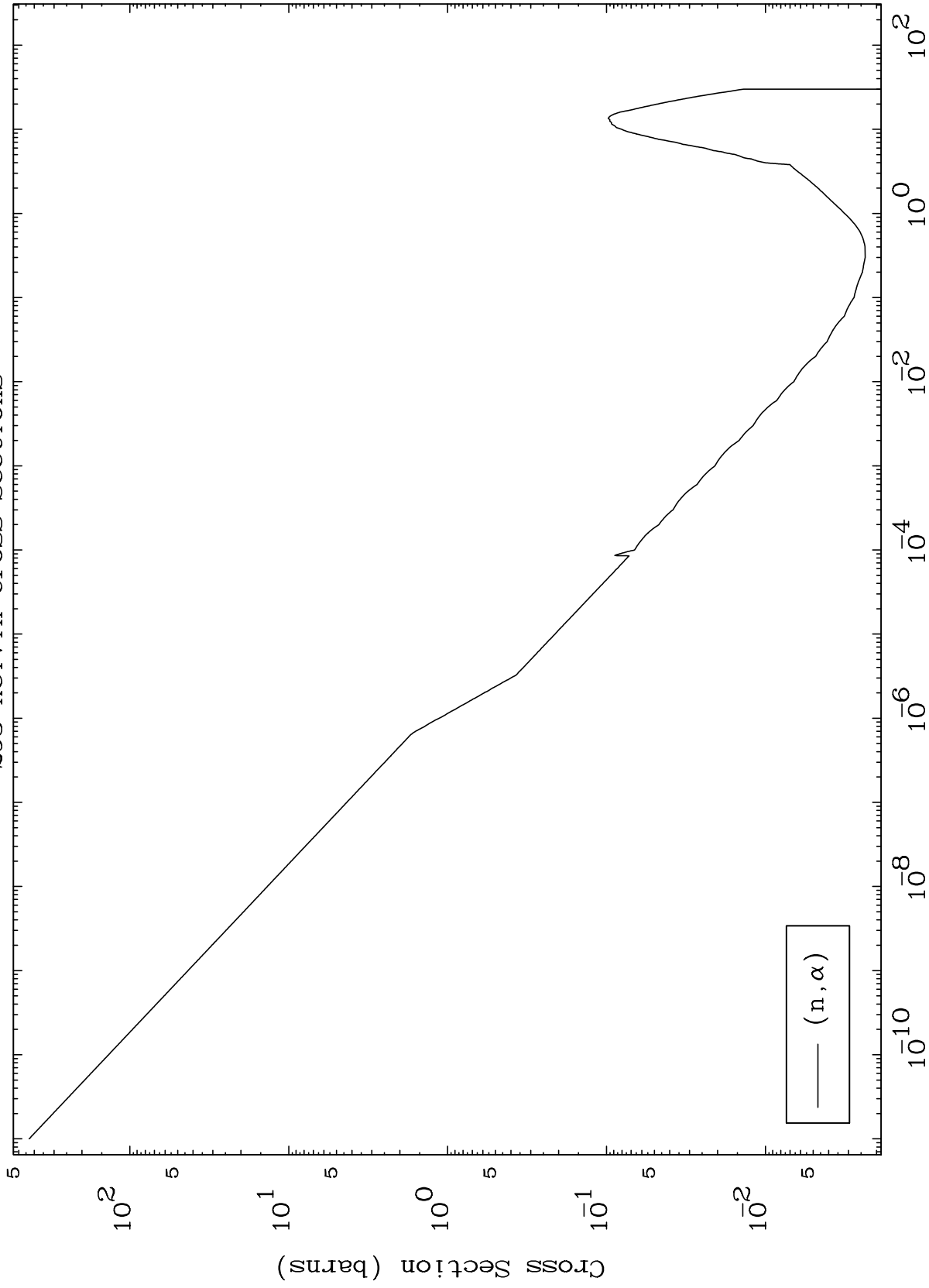
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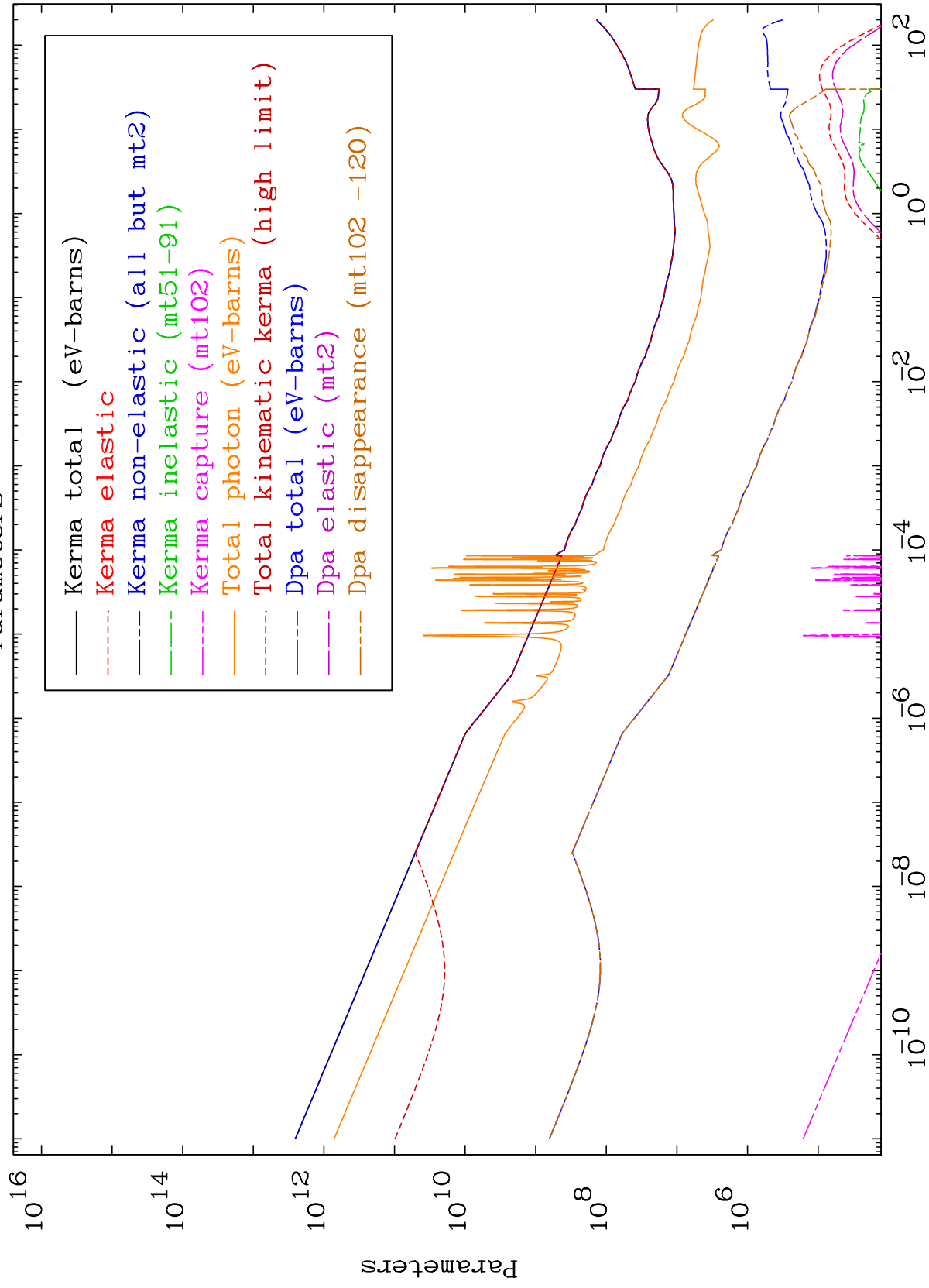
MAT 5783

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-122



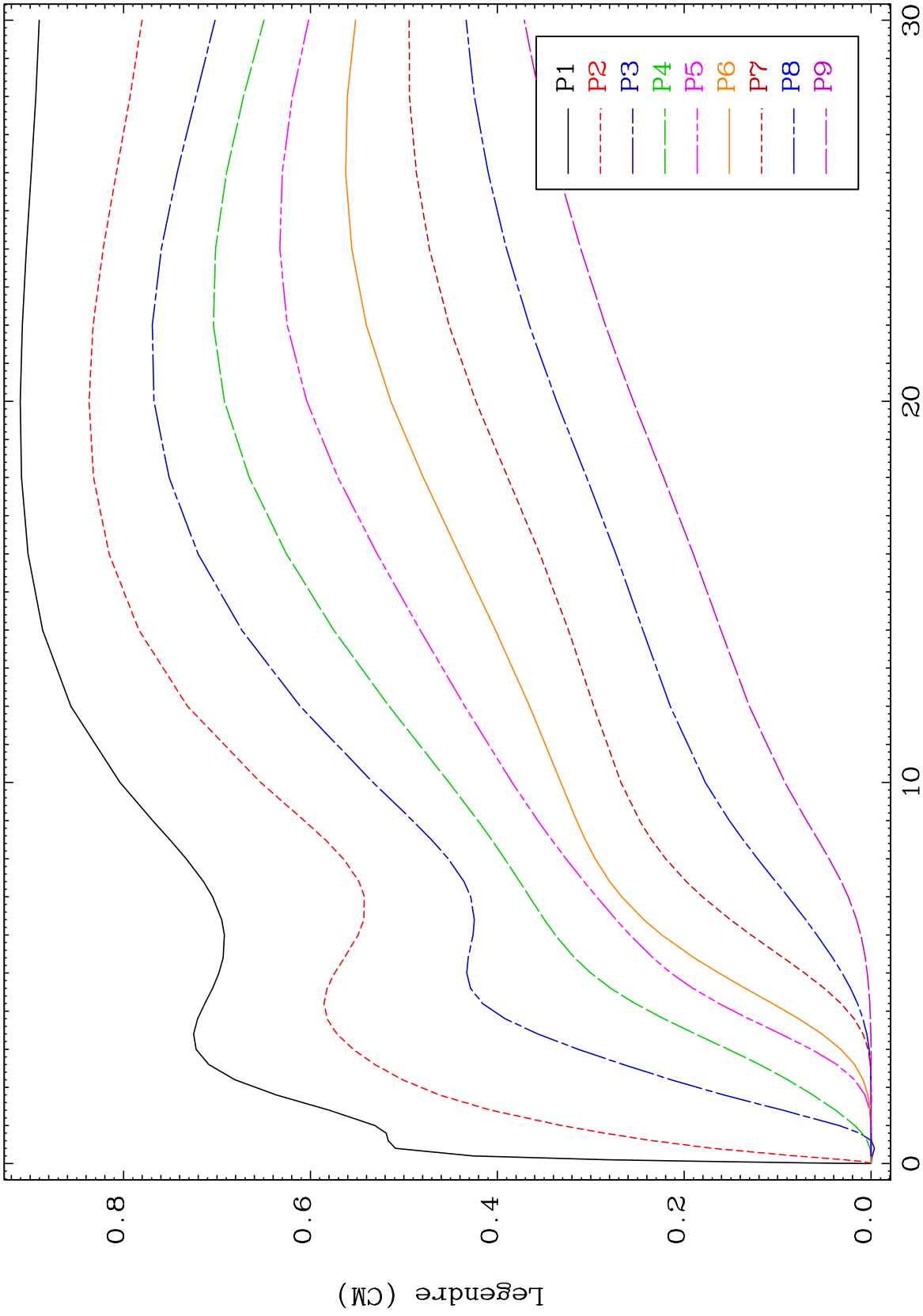
— (n,α)



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Elastic Legendre Coefficients

58-Ce-122



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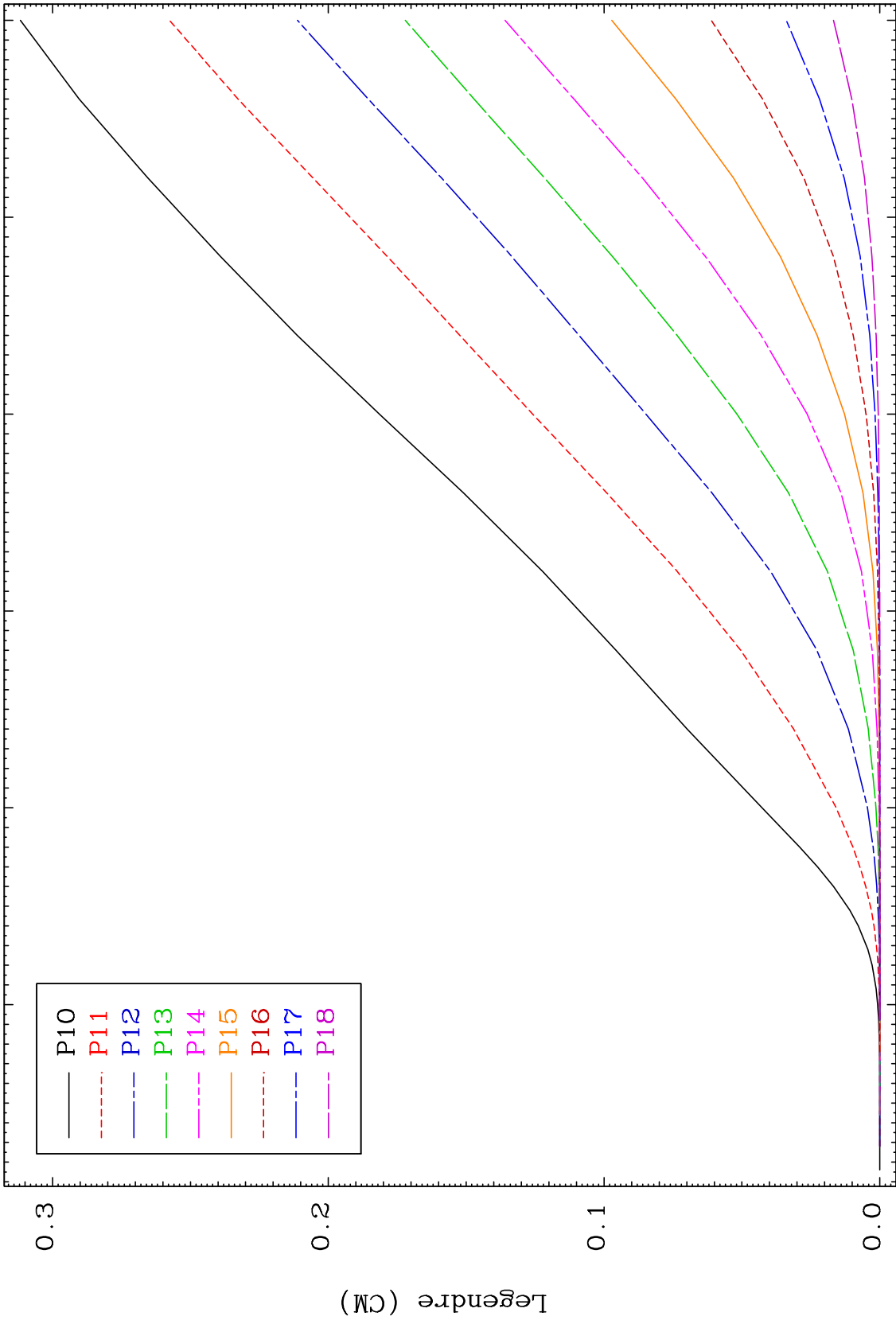
Incident Energy (MeV)

58-Ce-122

MAT 5783

Elastic Legendre Coefficients

58-Ce-122



15

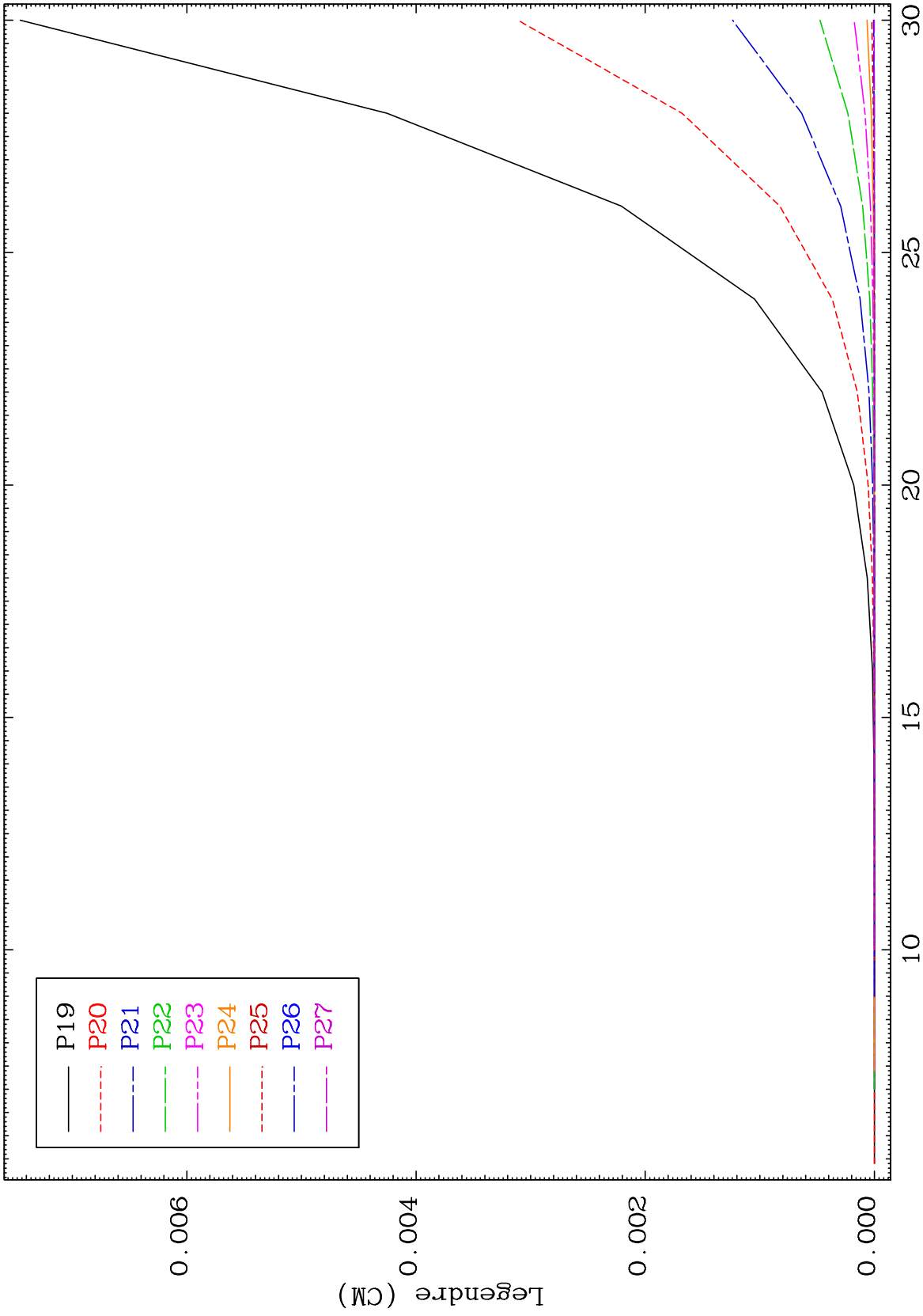
Incident Energy (MeV)

58-Ce-122

MAT 5783

Elastic Legendre Coefficients

58-Ce-122



16

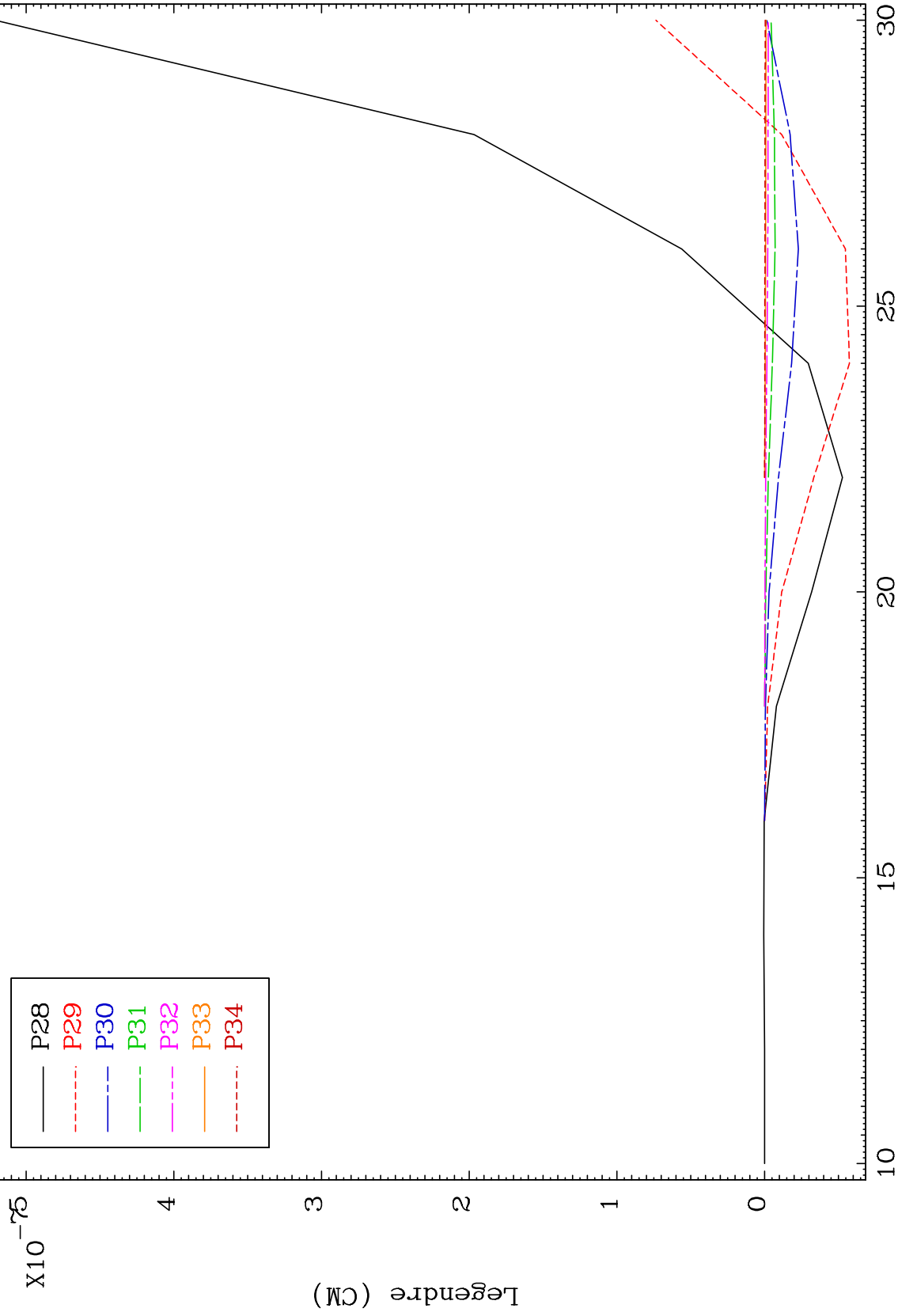
Incident Energy (MeV)

58-Ce-122

MAT 5783

Elastic Legendre Coefficients

58-Ce-122



17

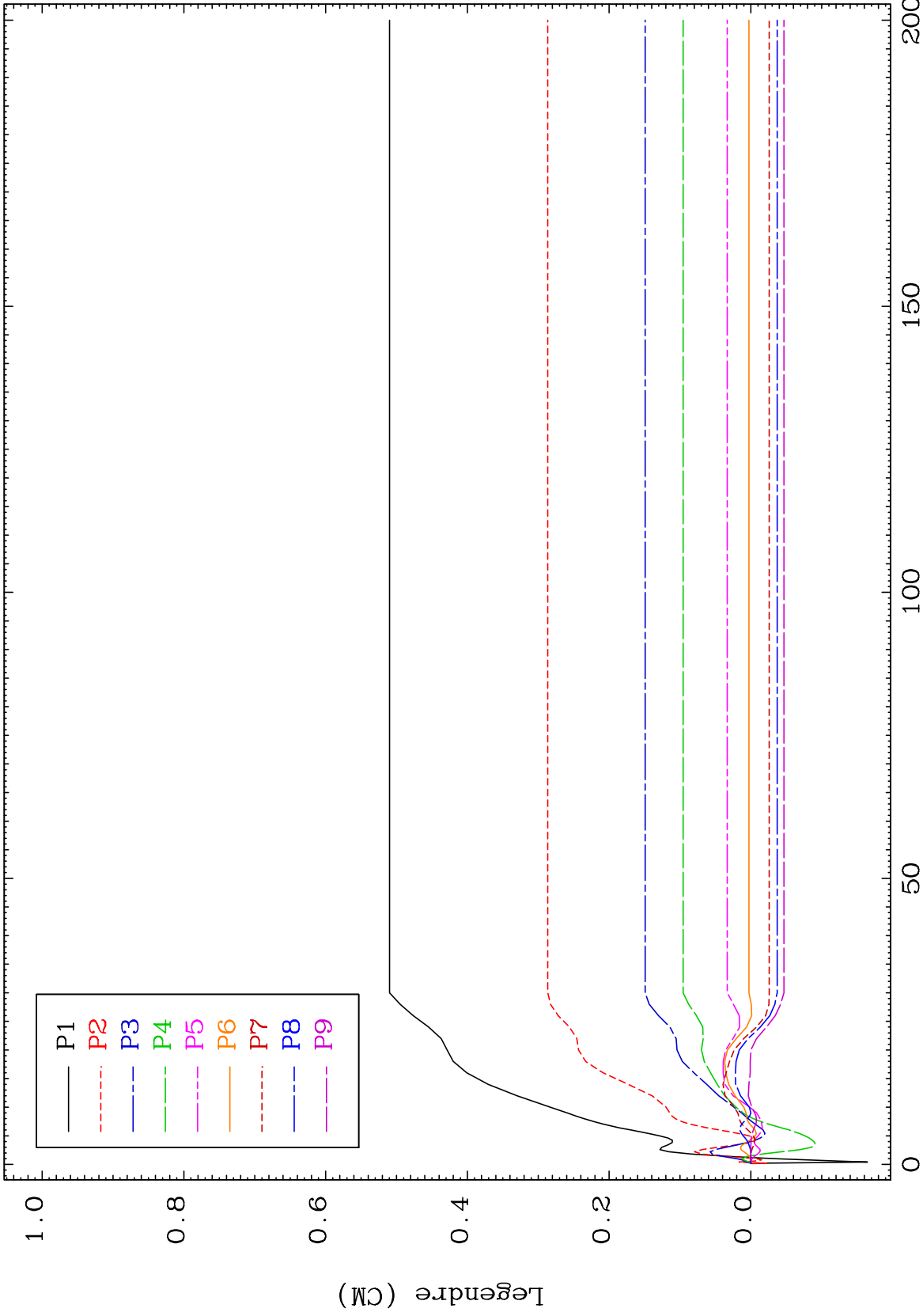
Incident Energy (MeV)

58-Ce-122

MAT 5783

MT= 51 (n,n') Level
Legendre Coefficients

58-Ce-122



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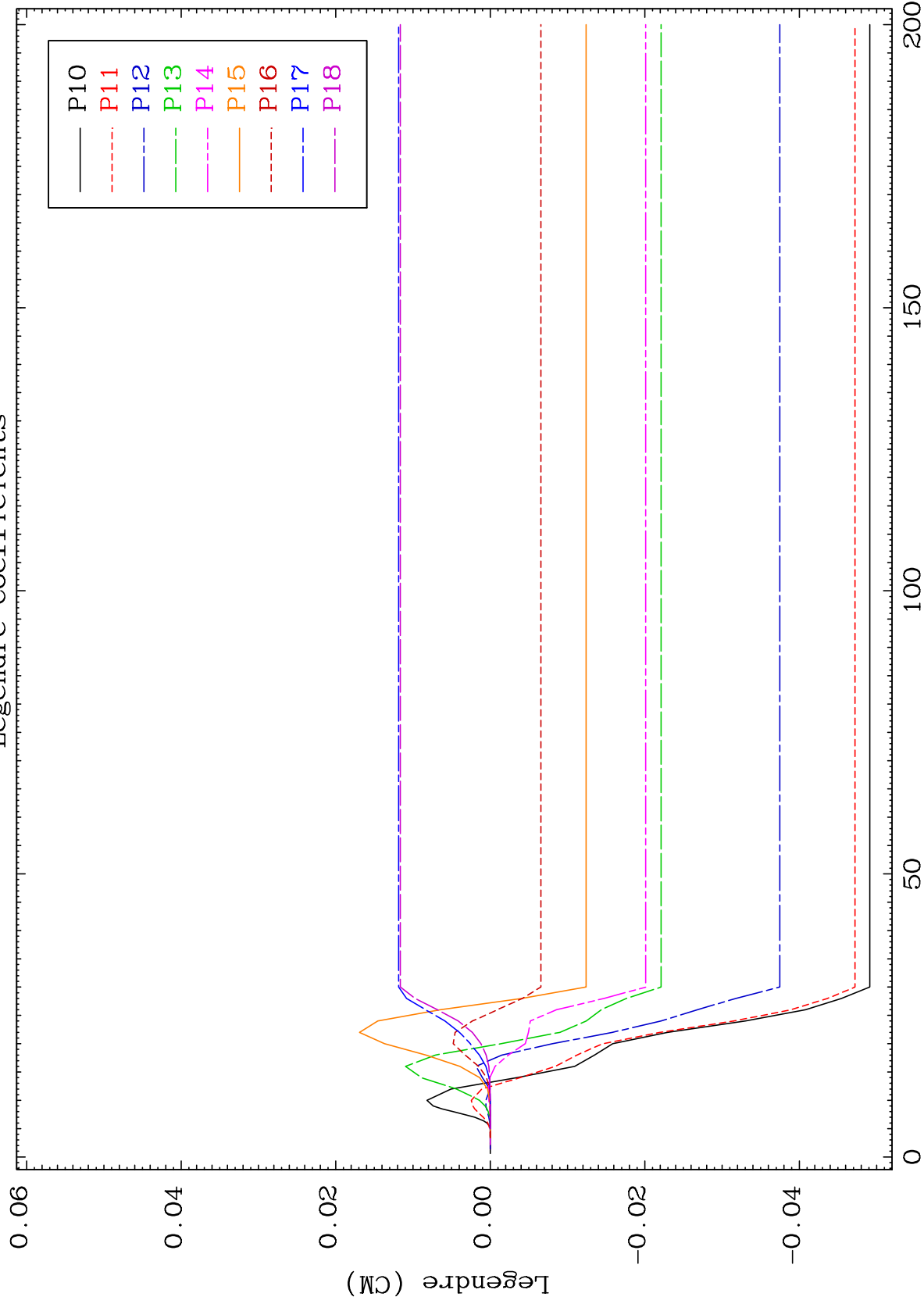
Incident Energy (MeV)

58-Ce-122

MAT 5783

MT= 51 (n,n') Level
Legendre Coefficients

58-Ce-122



19

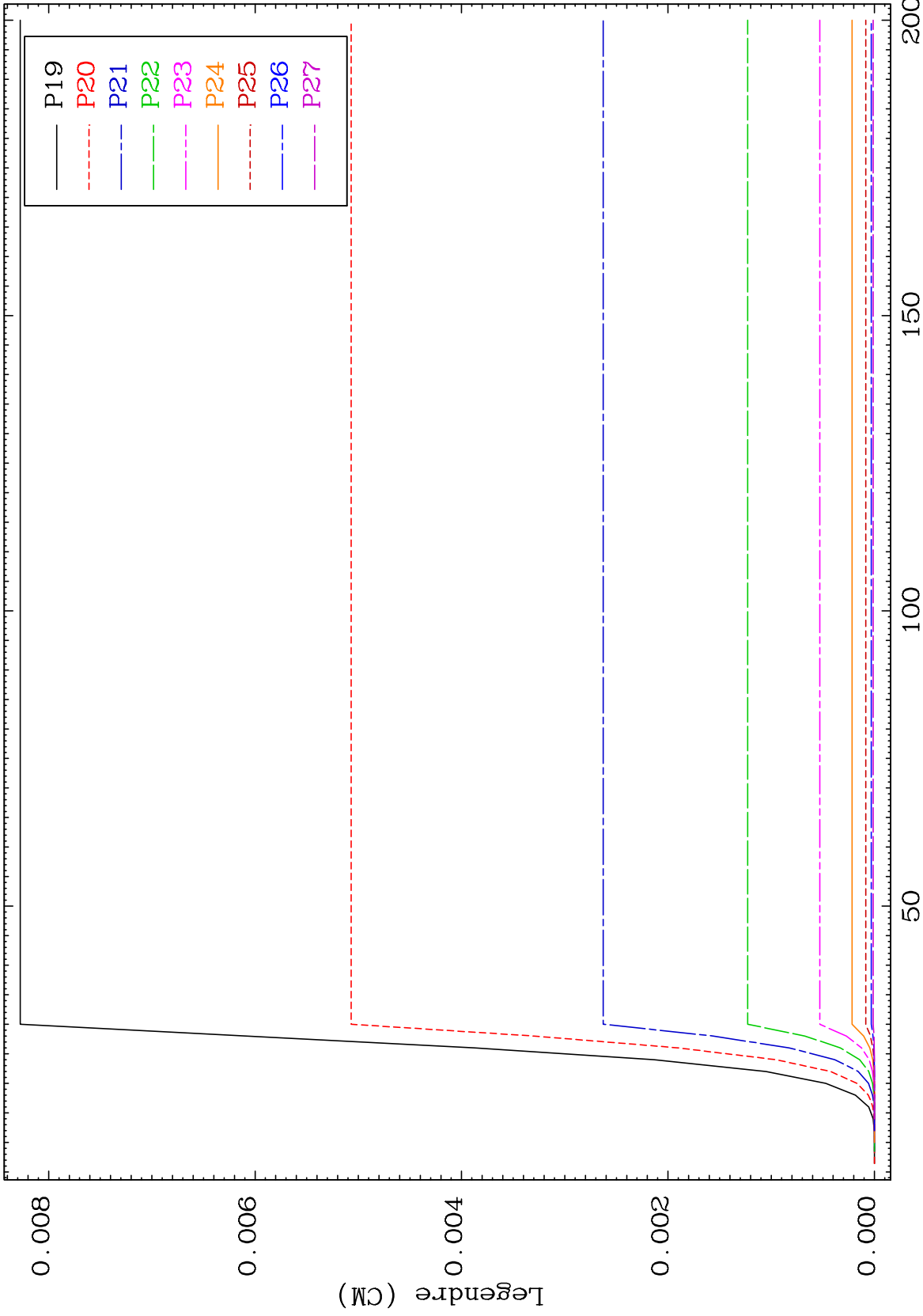
Incident Energy (MeV)

58-Ce-122

MAT 5783

MT= 51 (n,n') Level
Legendre Coefficients

58-Ce-122



20

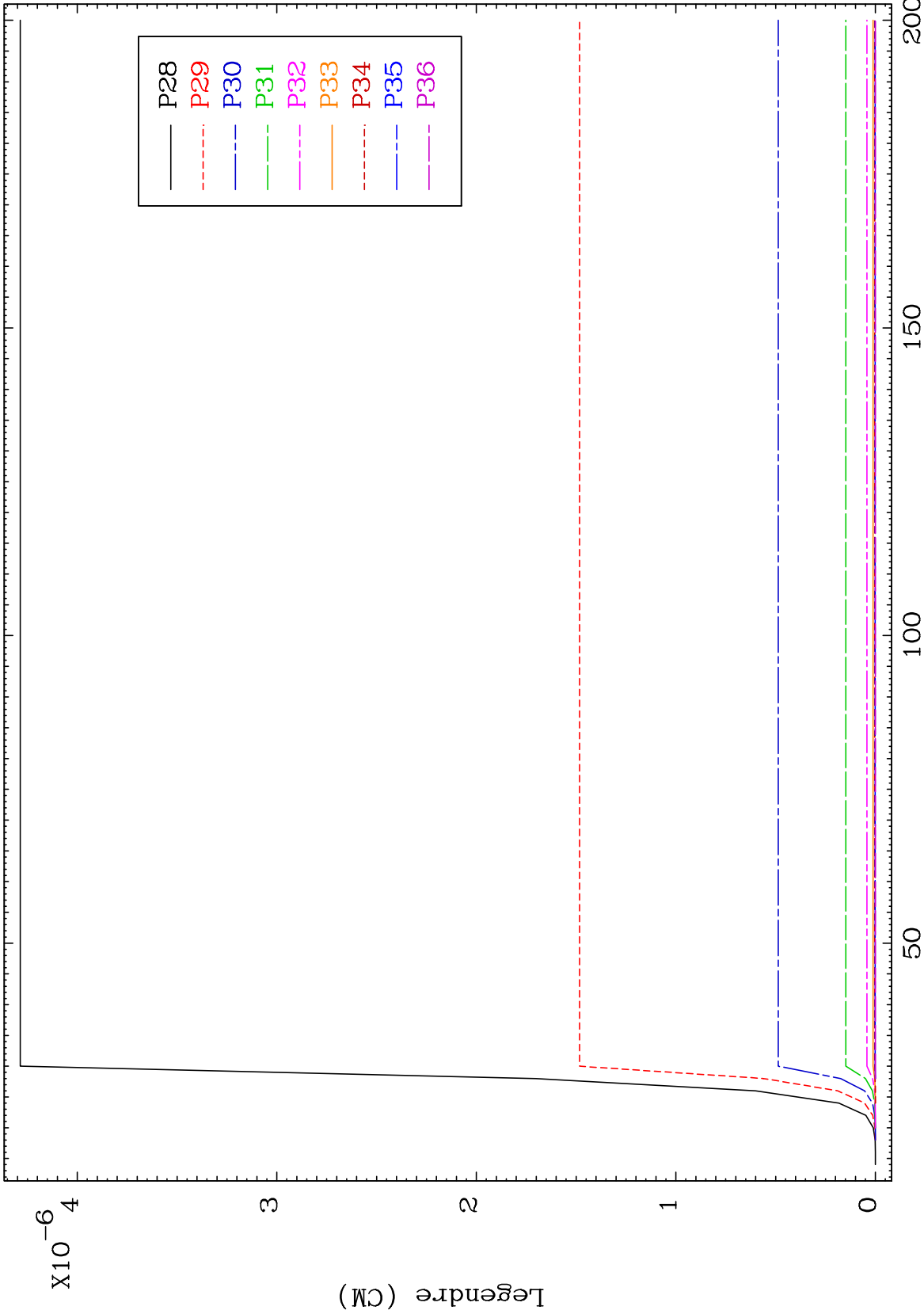
Incident Energy (MeV)

58-Ce-122

MAT 5783

MT= 51 (n,n') Level
Legendre Coefficients

58-Ce-122



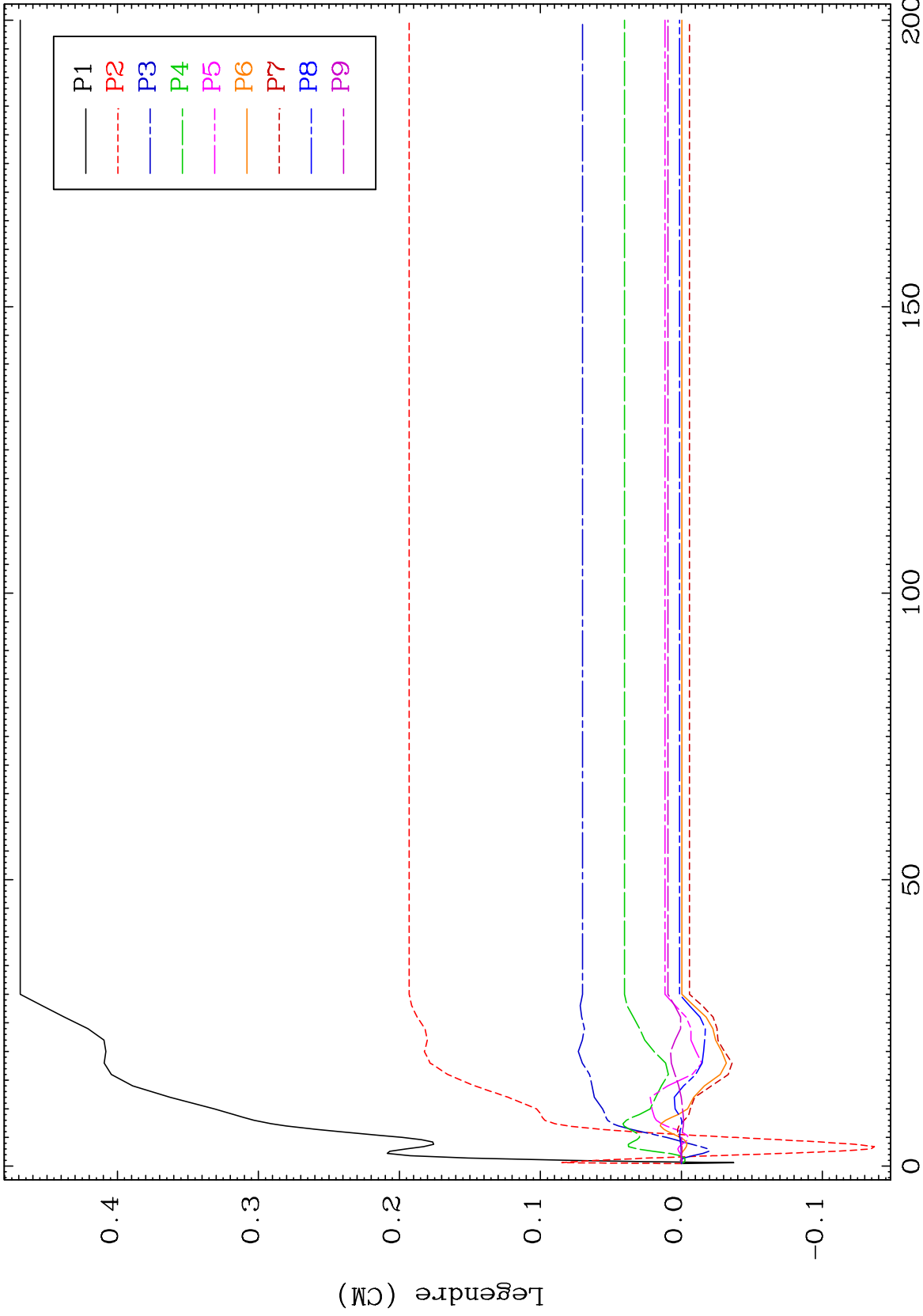
21

58-Ce-122

MAT 5783

MT= 52 (n,n') Level
Legendre Coefficients

58-Ce-122



22

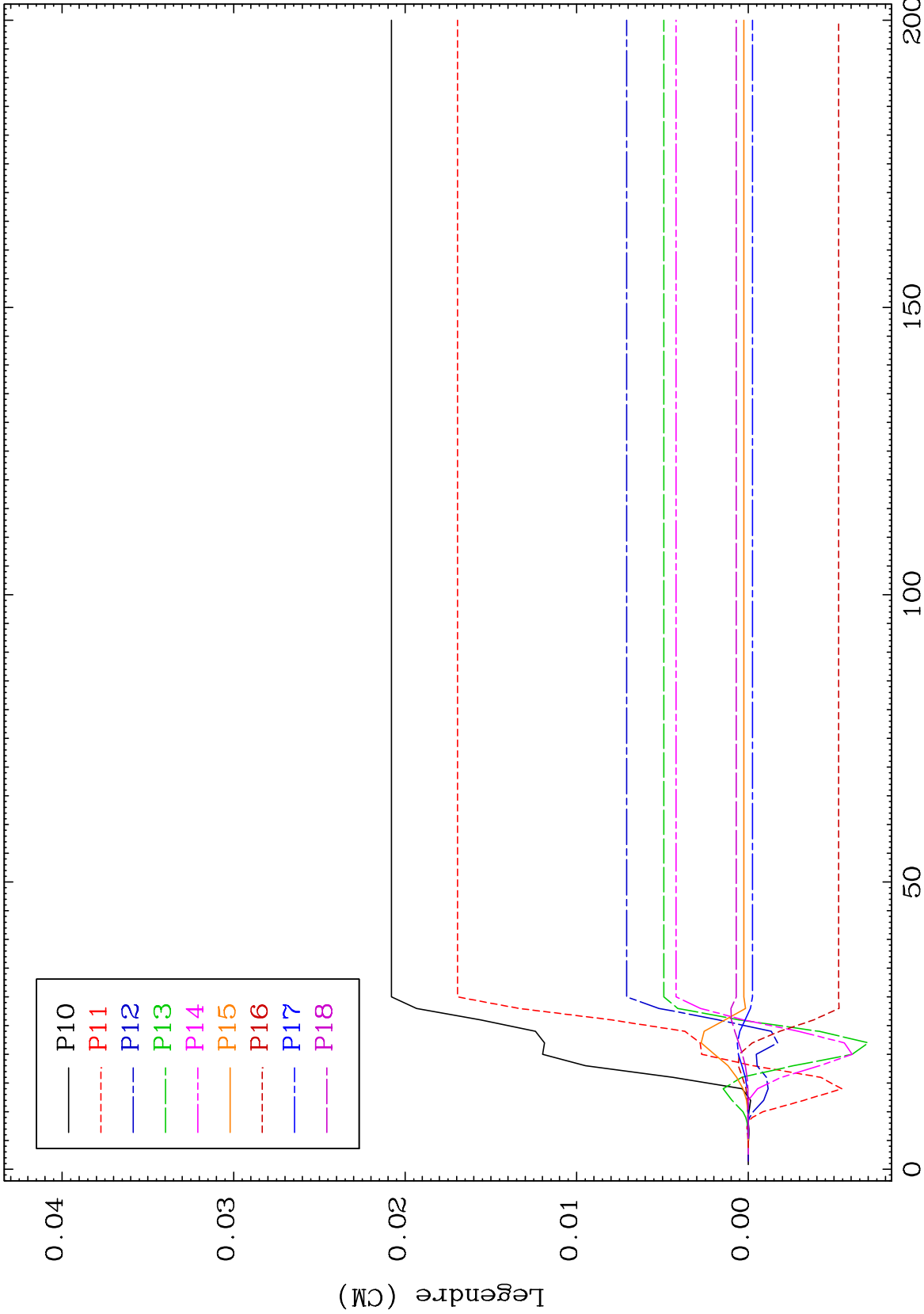
Incident Energy (MeV)

58-Ce-122

MAT 5783

MT= 52 (n,n') Level
Legendre Coefficients

58-Ce-122



23

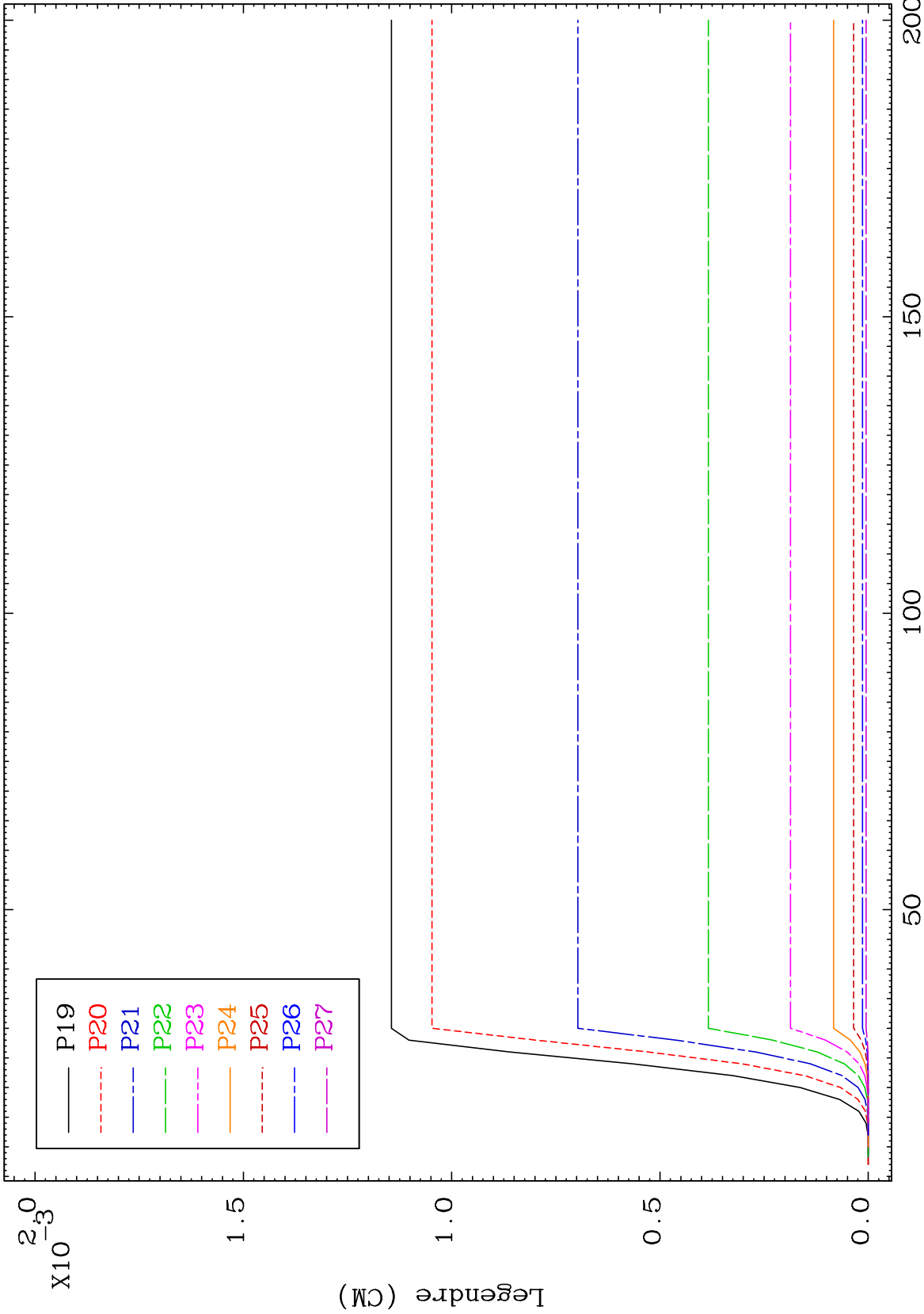
Incident Energy (MeV)

58-Ce-122

MAT 5783

MT= 52 (n,n') Level
Legendre Coefficients

58-Ce-122



24

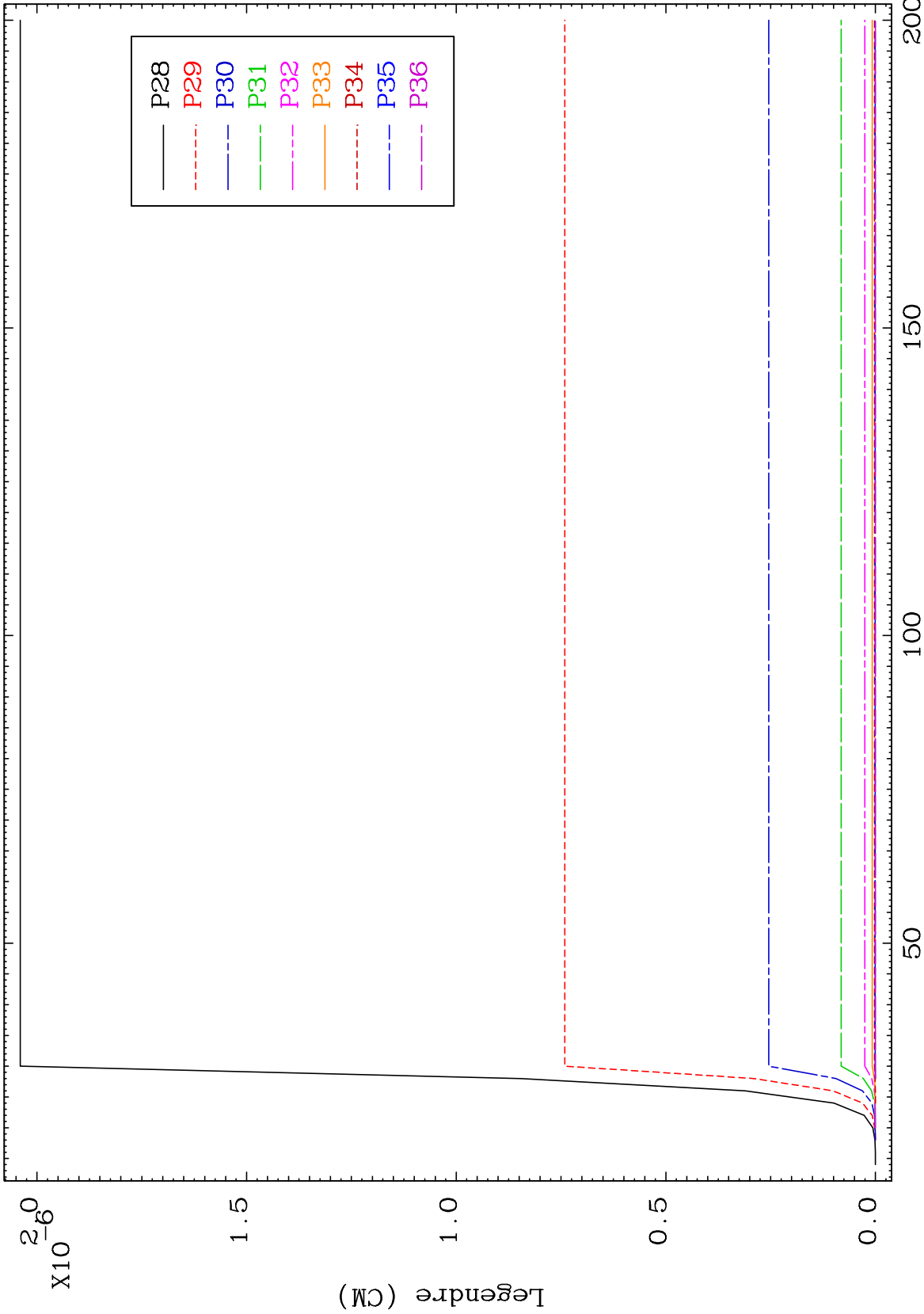
Incident Energy (MeV)

58-Ce-122

MAT 5783

MT= 52 (n,n') Level
Legendre Coefficients

58-Ce-122



25

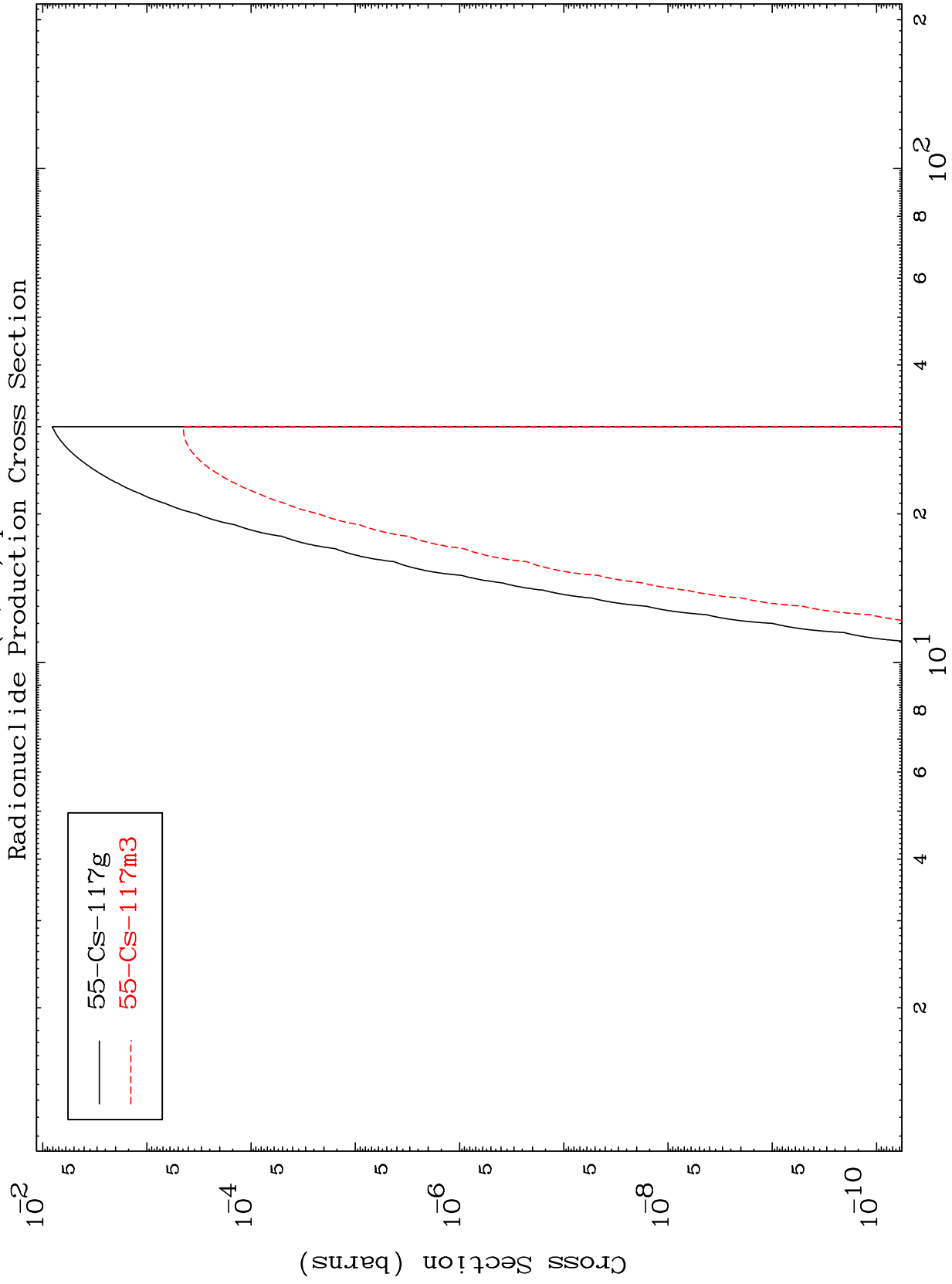
Incident Energy (MeV)

58-Ce-122

MAT 5783

(n,n') p α

58-Ce-122



26

Incident Energy (MeV)

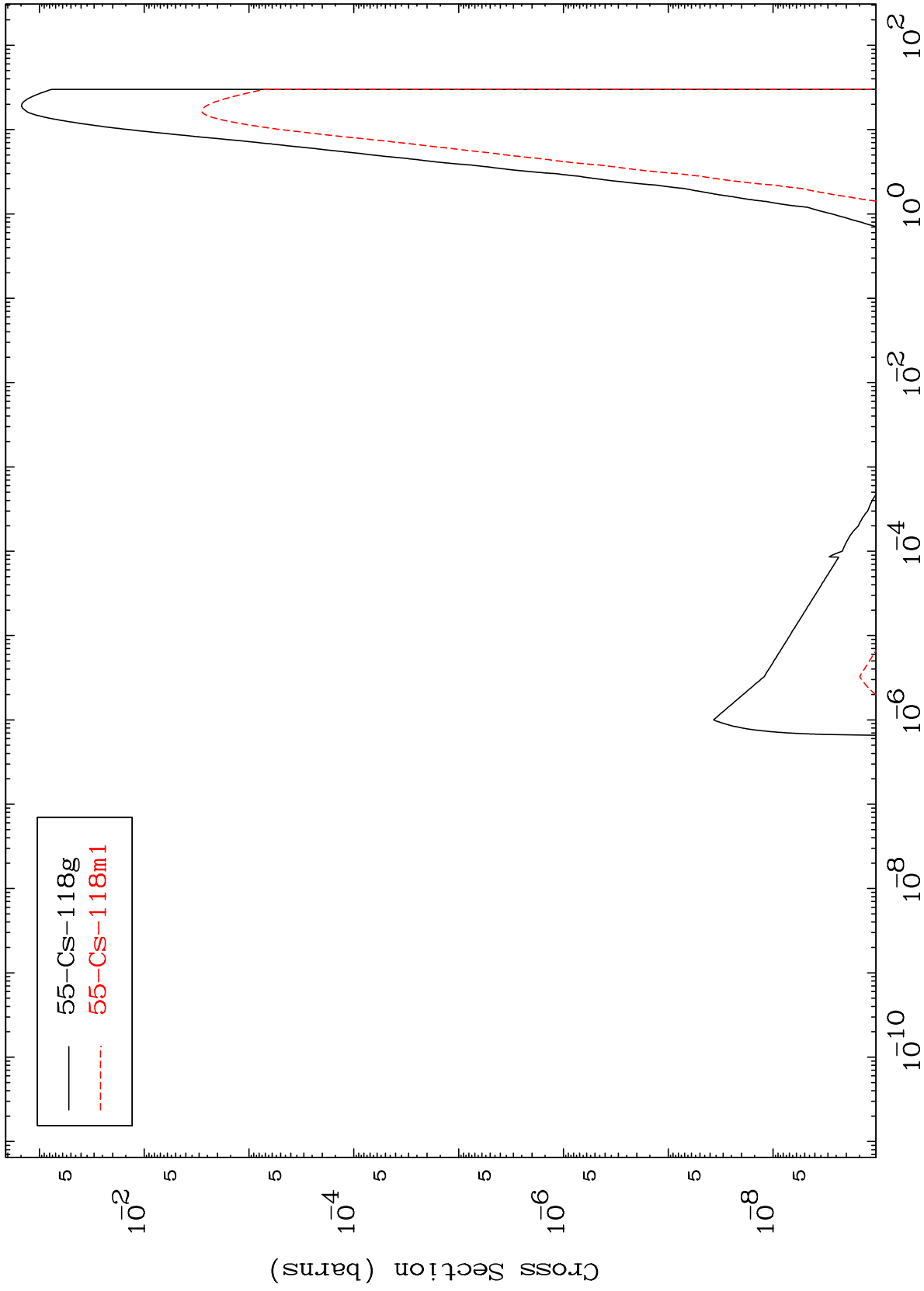
58-Ce-122

MAT 5783

(n,p) α

58-Ce-122

Radionuclide Production Cross Section



27

Incident Energy (MeV)

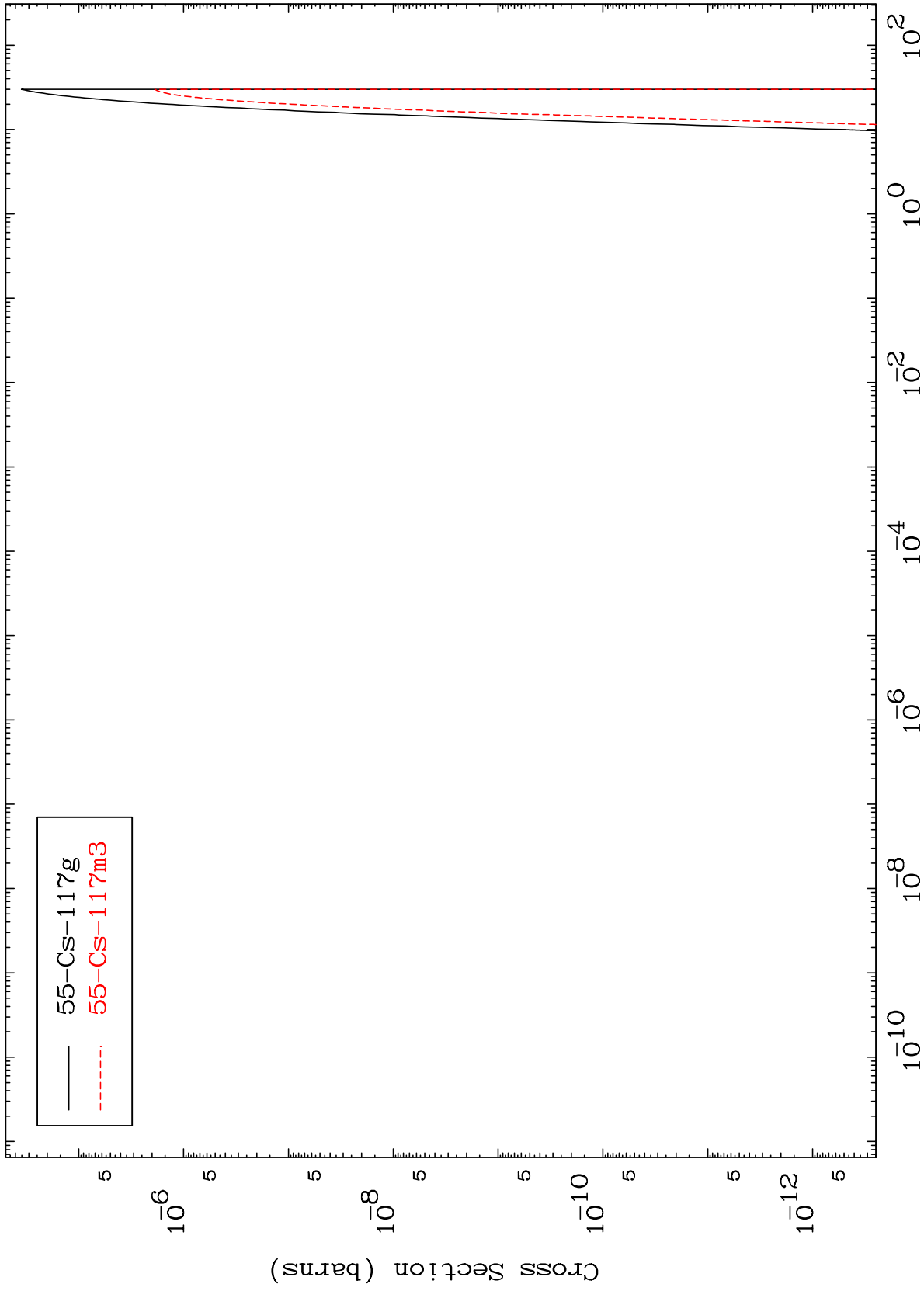
58-Ce-122

MAT 5783

(n,d) α

58-Ce-122

Radionuclide Production Cross Section



28

Incident Energy (MeV)

58-Ce-122