

Program EVALPLOT
(Version 2015-2)

by

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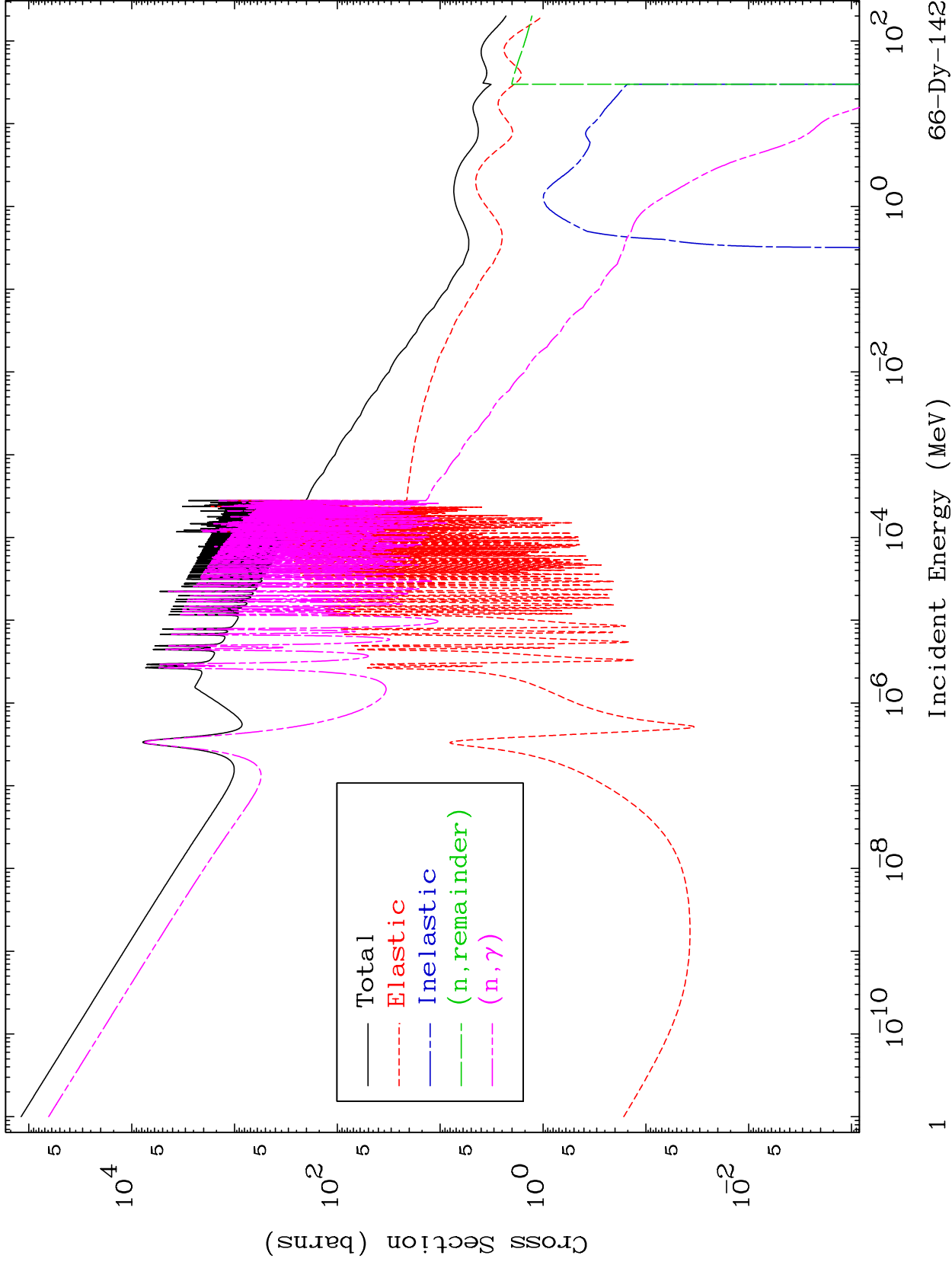
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6583

Major
293 Kelvin Cross Sections

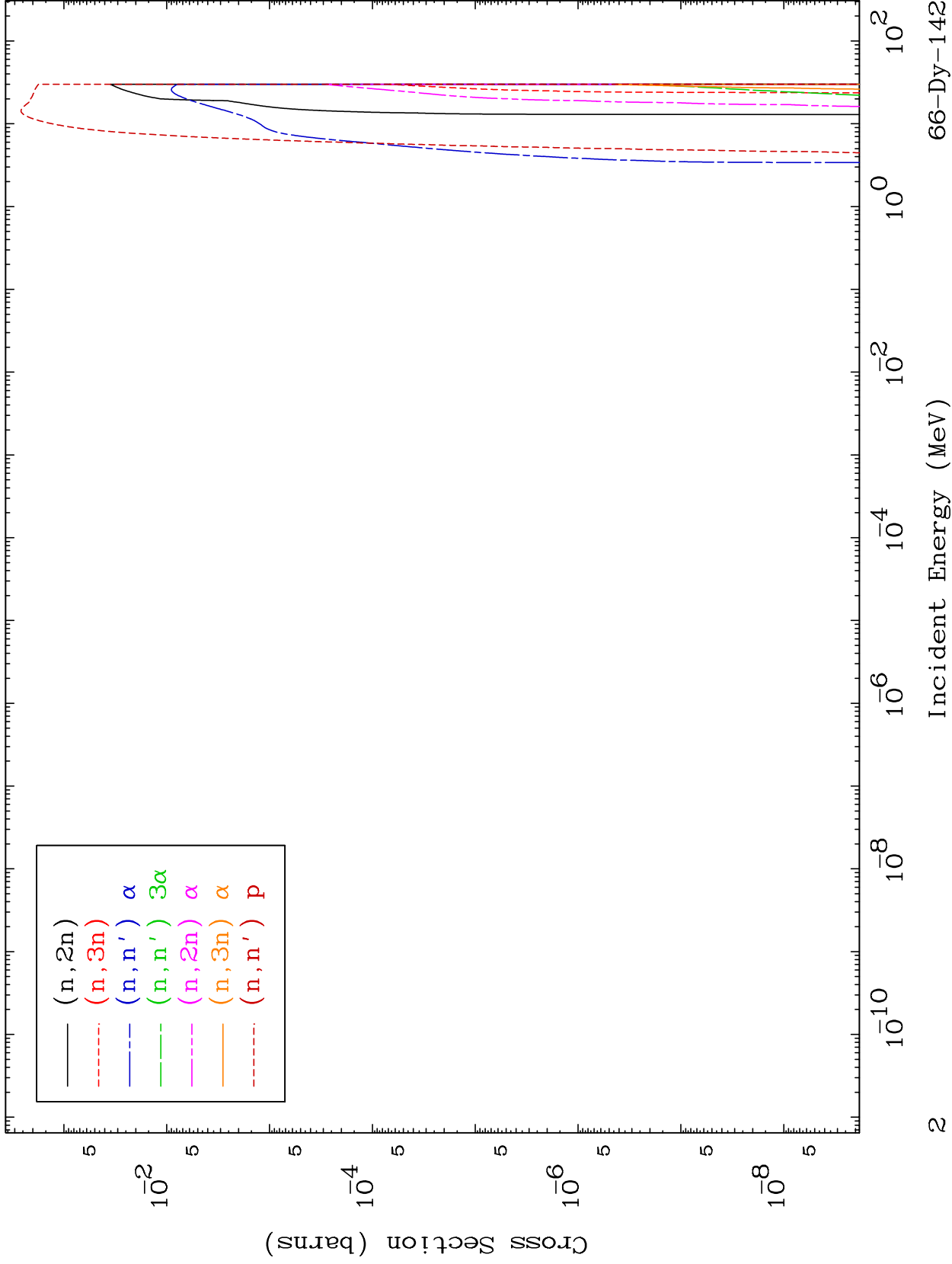
66-Dy-142



MAT 6583

Neutron Production
293 Kelvin Cross Sections

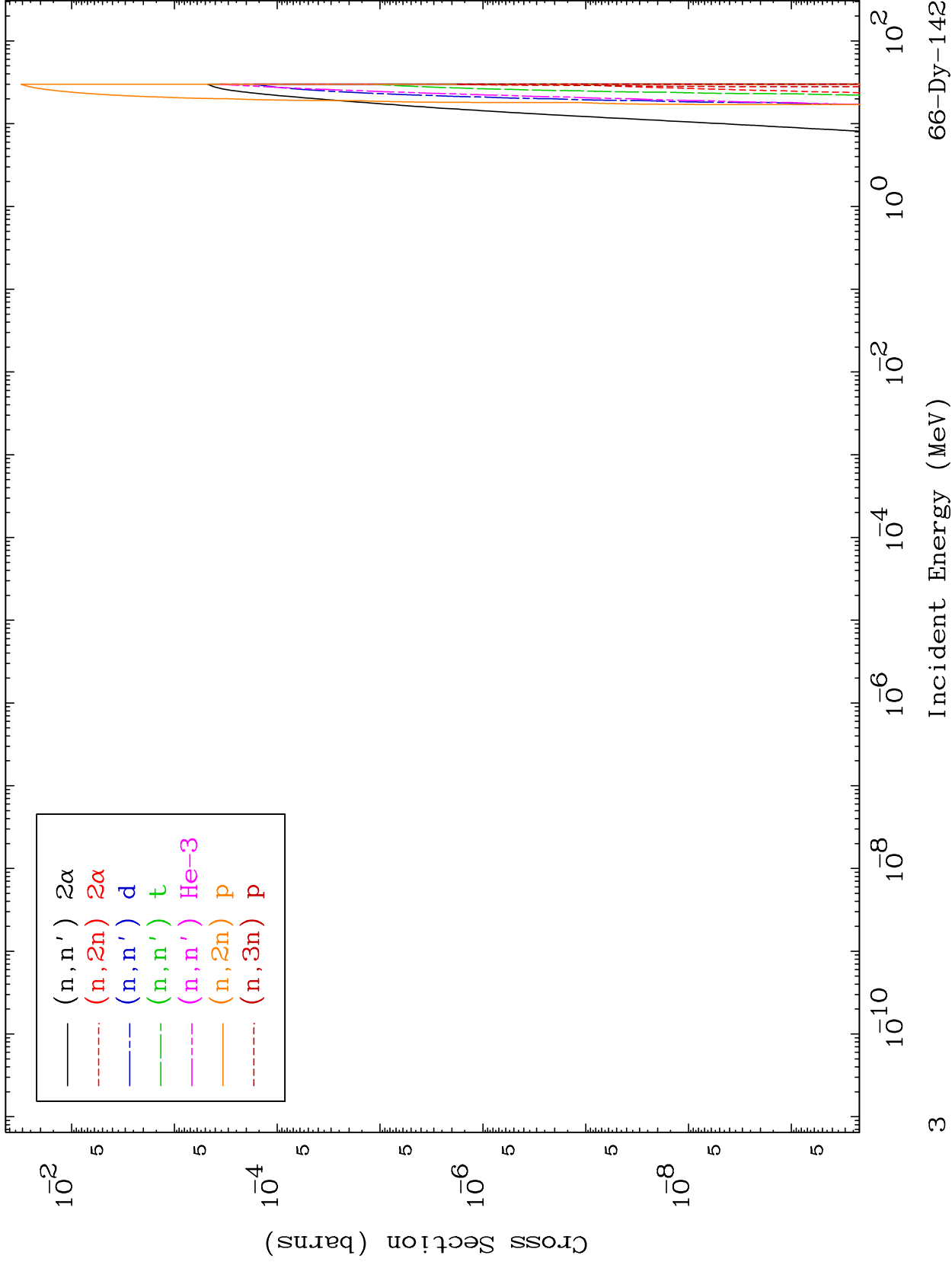
66-Dy-142



MAT 6583

Neutron Production
293 Kelvin Cross Sections

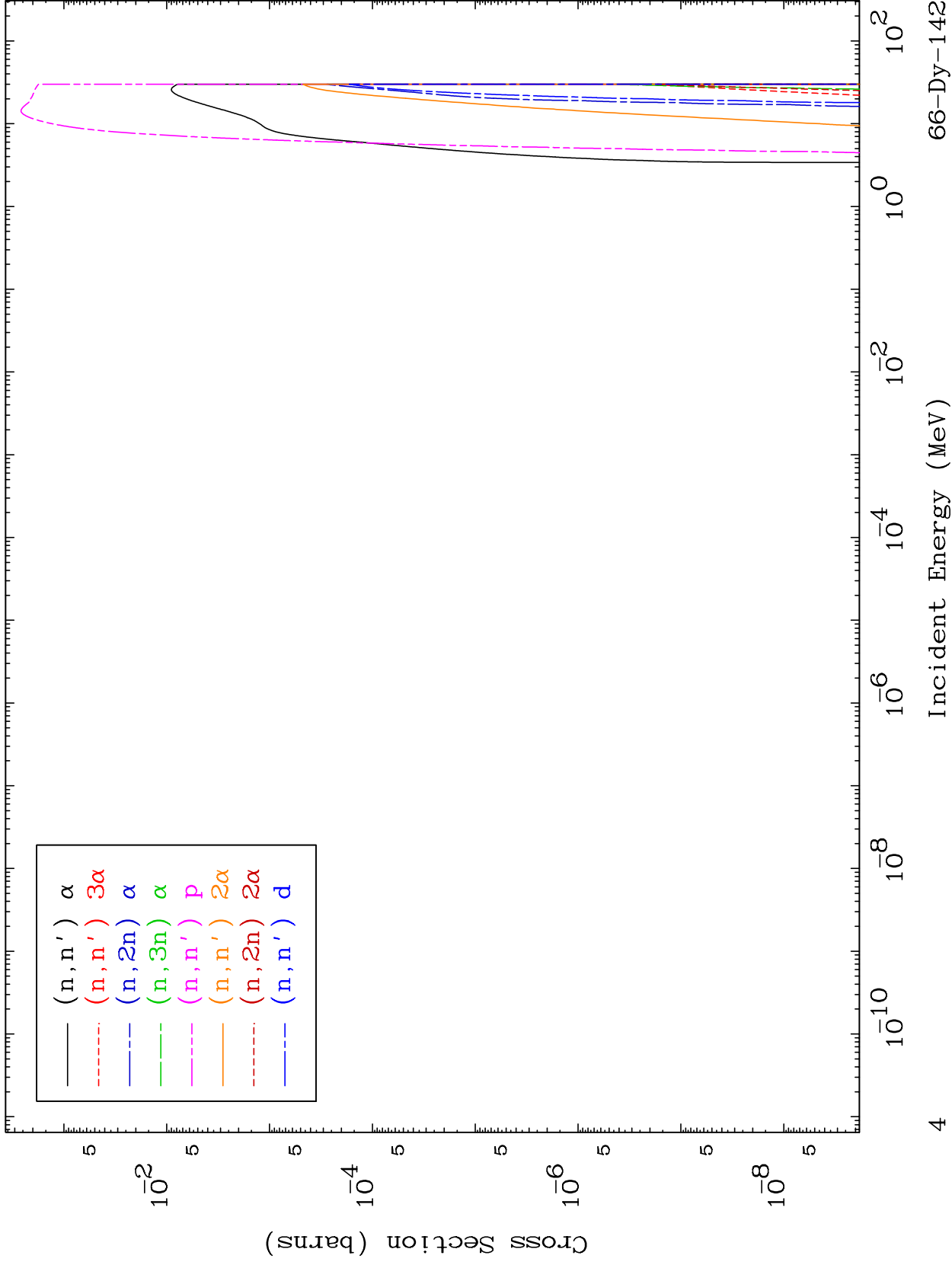
66-Dy-142



MAT 6583

Charged Particle
293 Kelvin Cross Sections

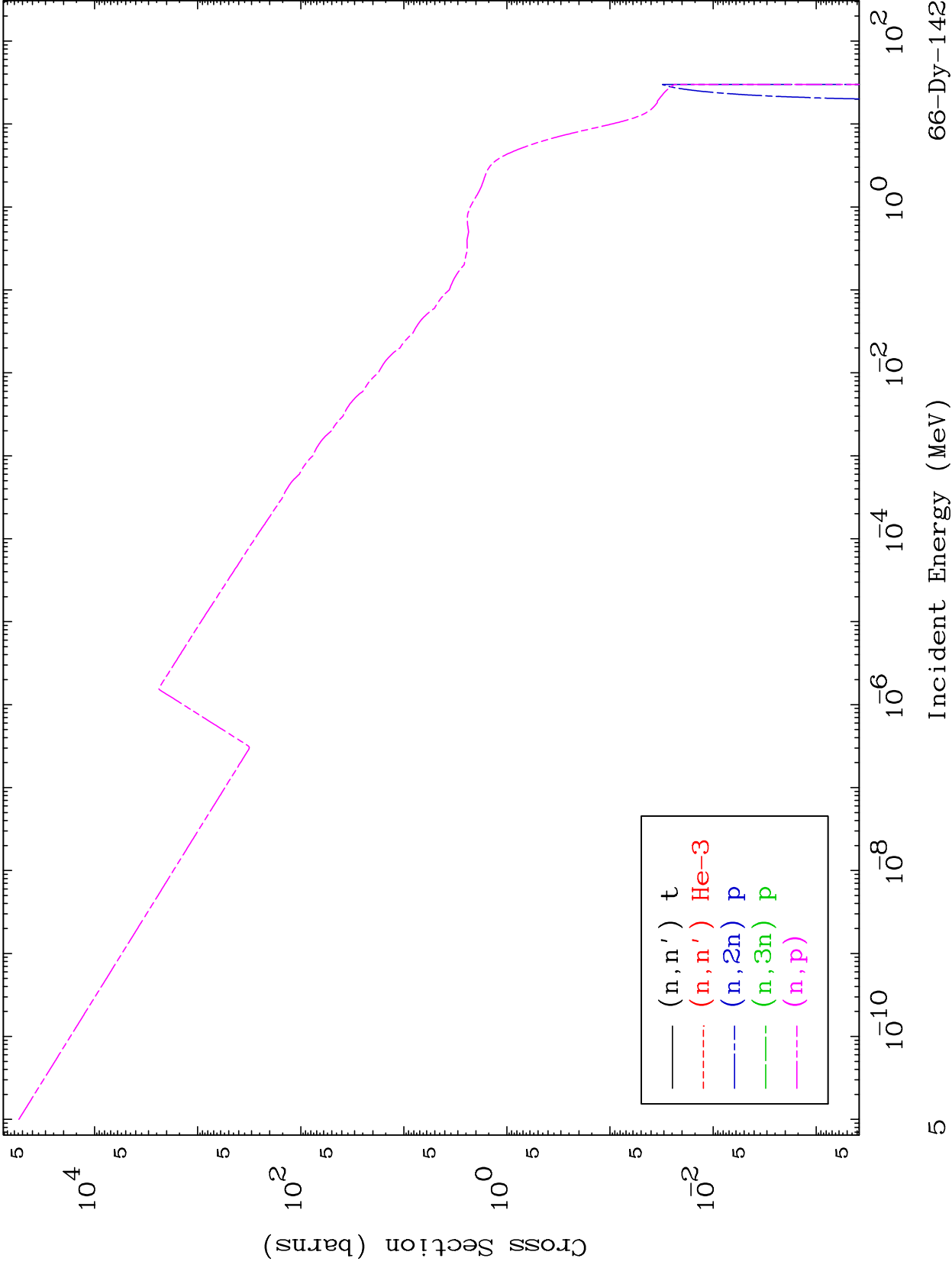
66-Dy-142



MAT 6583

Charged Particle
293 Kelvin Cross Sections

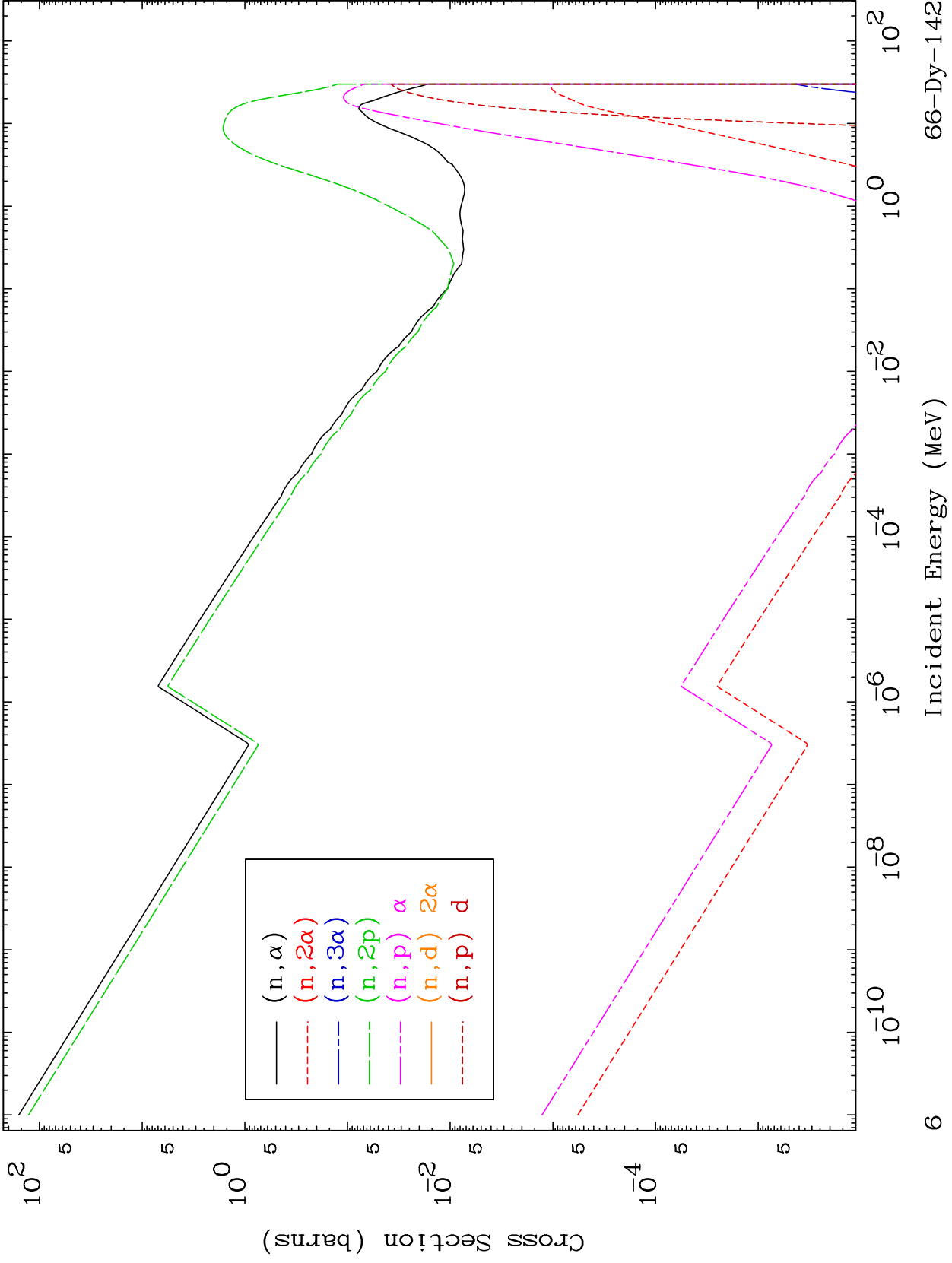
66-Dy-142



MAT 6583

Charged Particle
293 Kelvin Cross Sections

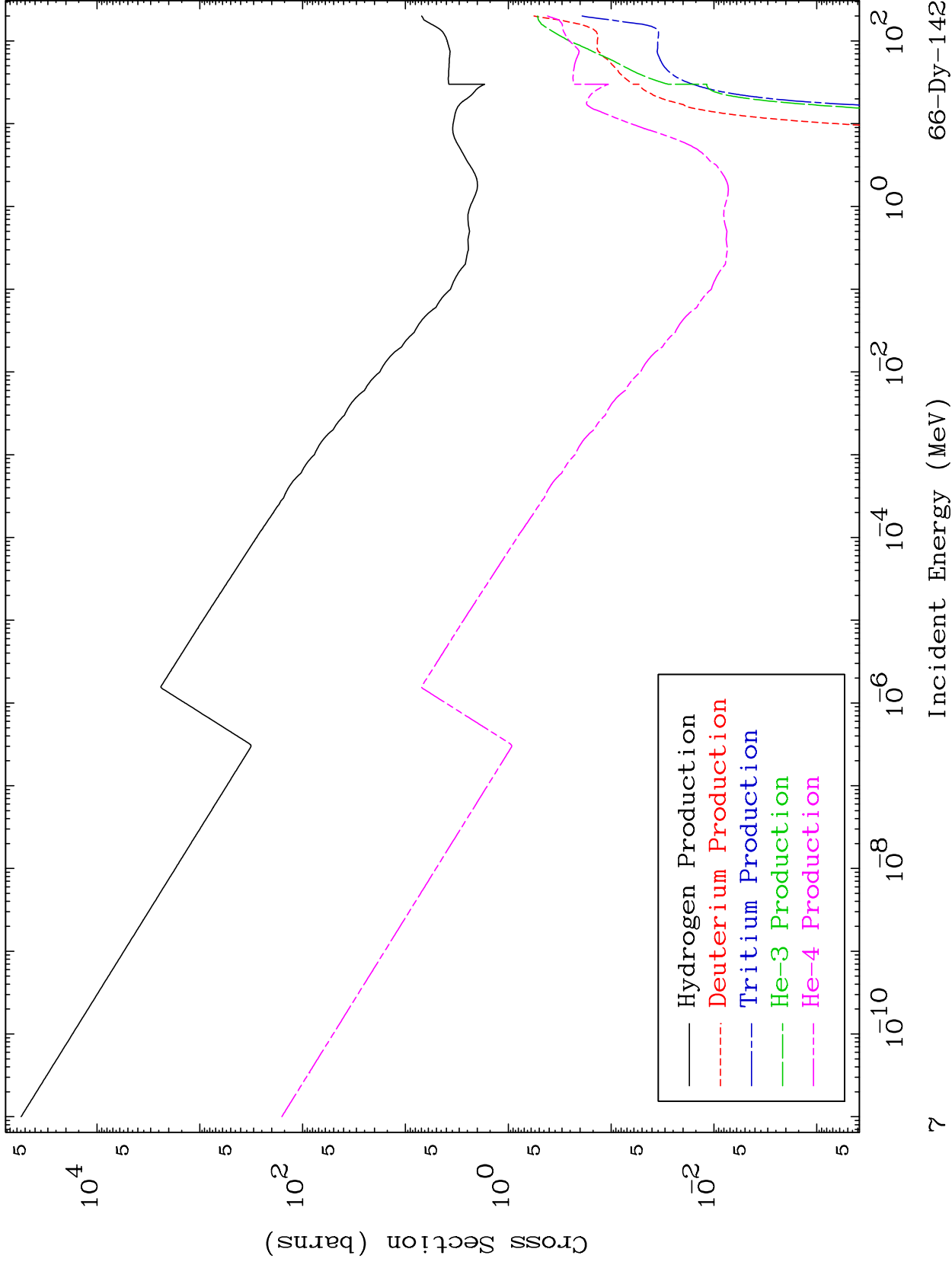
66-Dy-142



MAT 6583

Particle Production
293 Kelvin Cross Sections

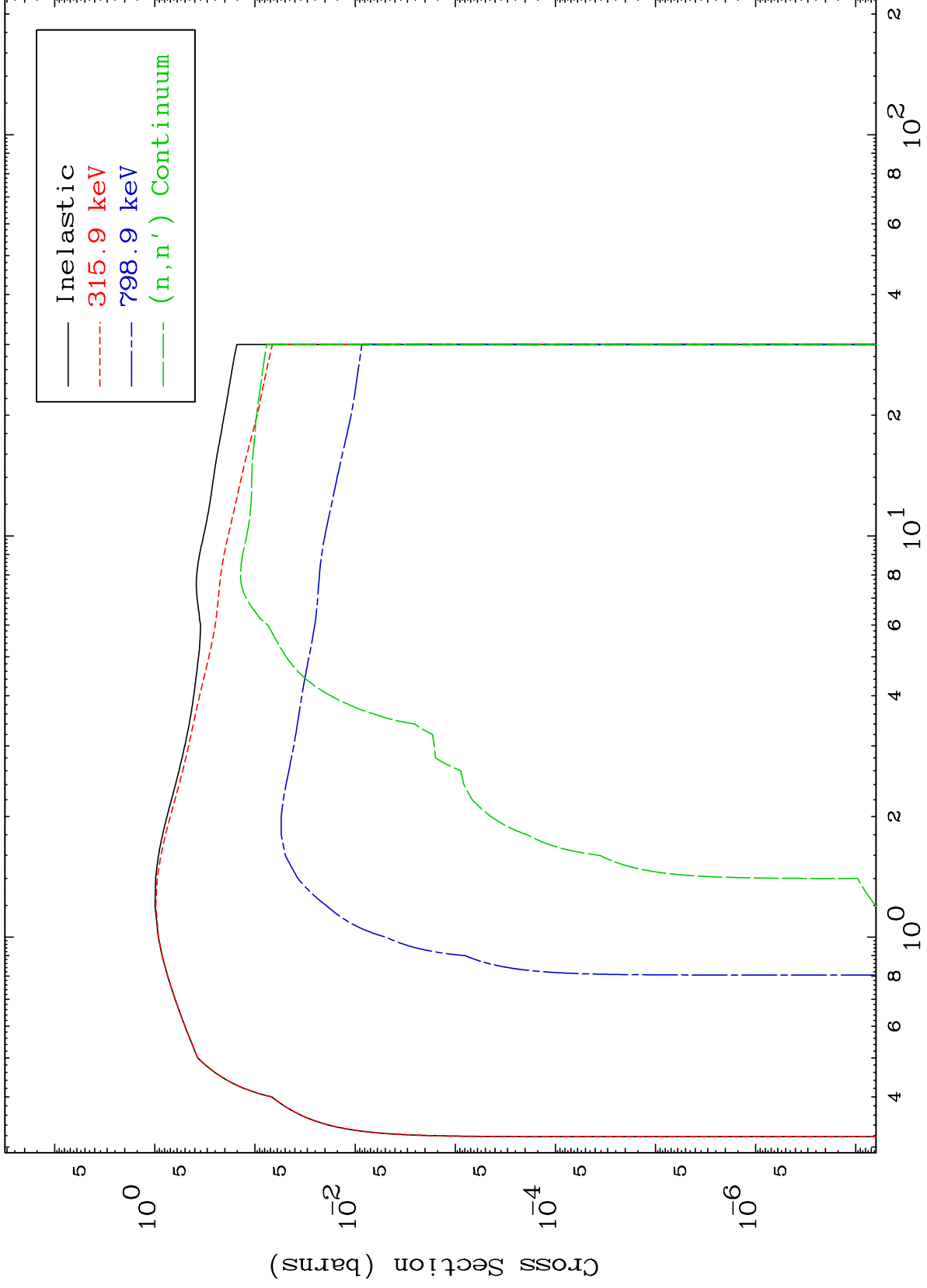
66-Dy-142



MAT 6583

(n,n') Level
293 Kelvin Cross Sections

66-Dy-142



8

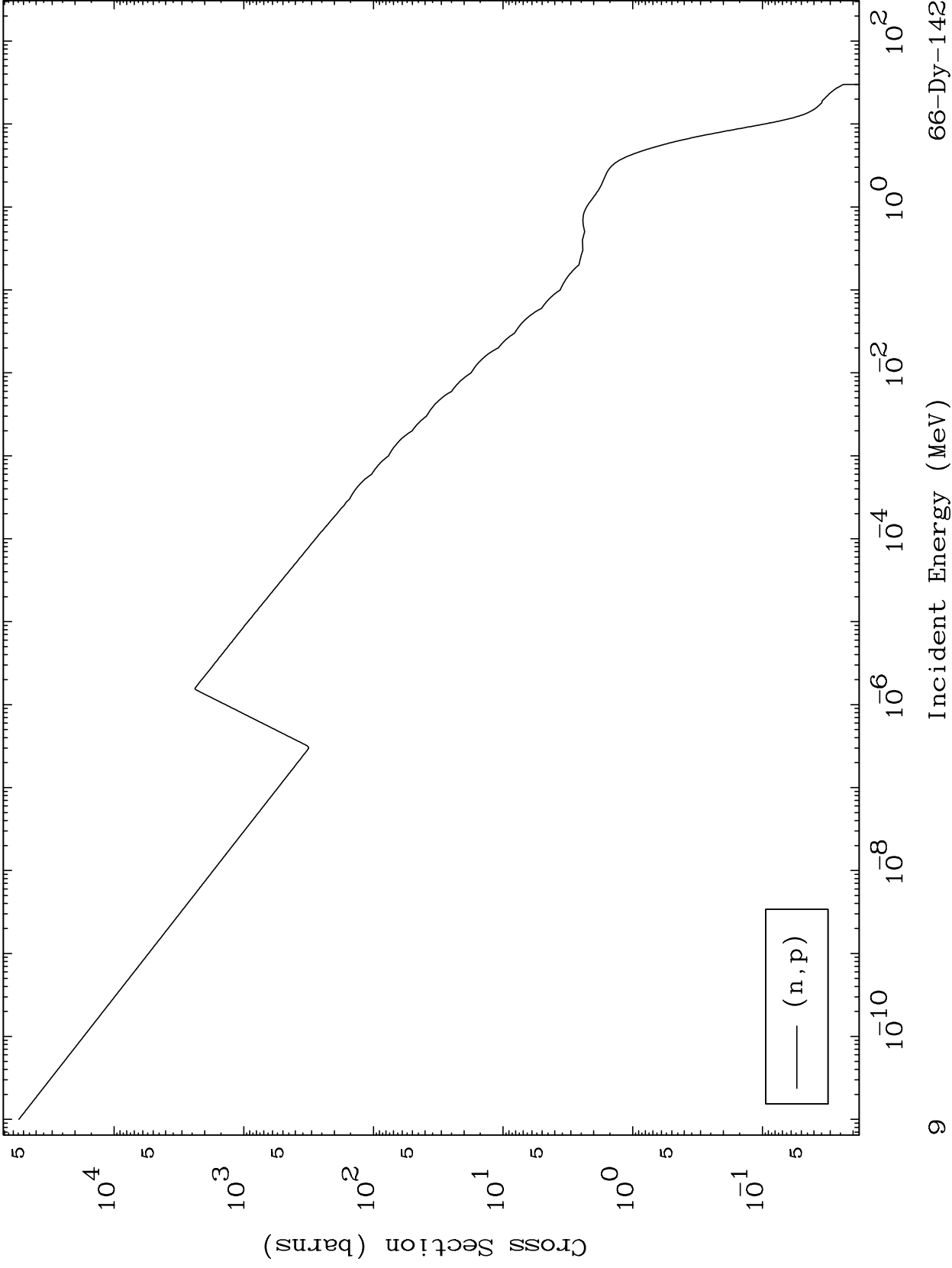
Incident Energy (MeV)

66-Dy-142

MAT 6583

(n,p) Levels
293 Kelvin Cross Sections

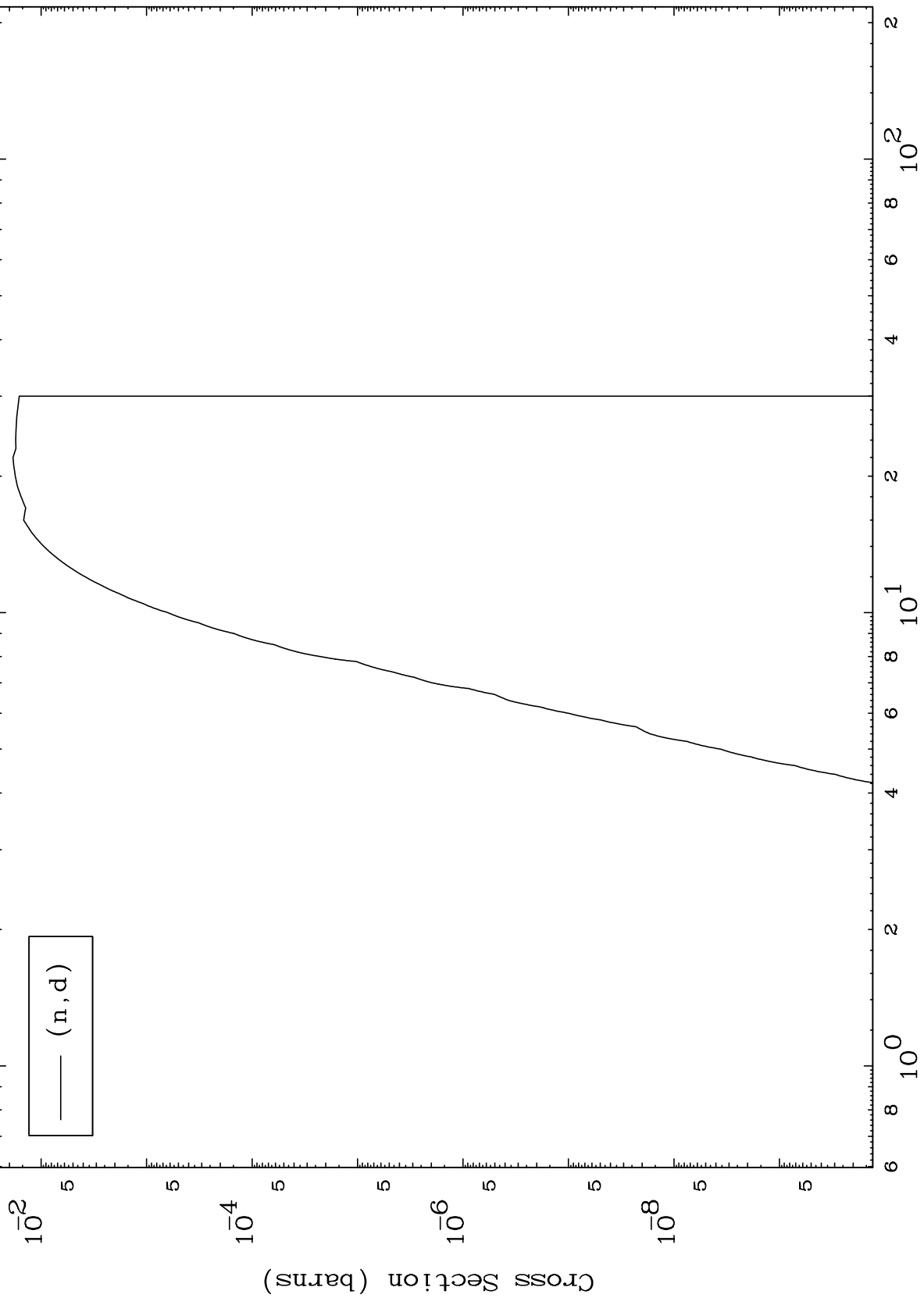
66-Dy-142



MAT 6583

(n,d) Levels
293 Kelvin Cross Sections

66-Dy-142



10

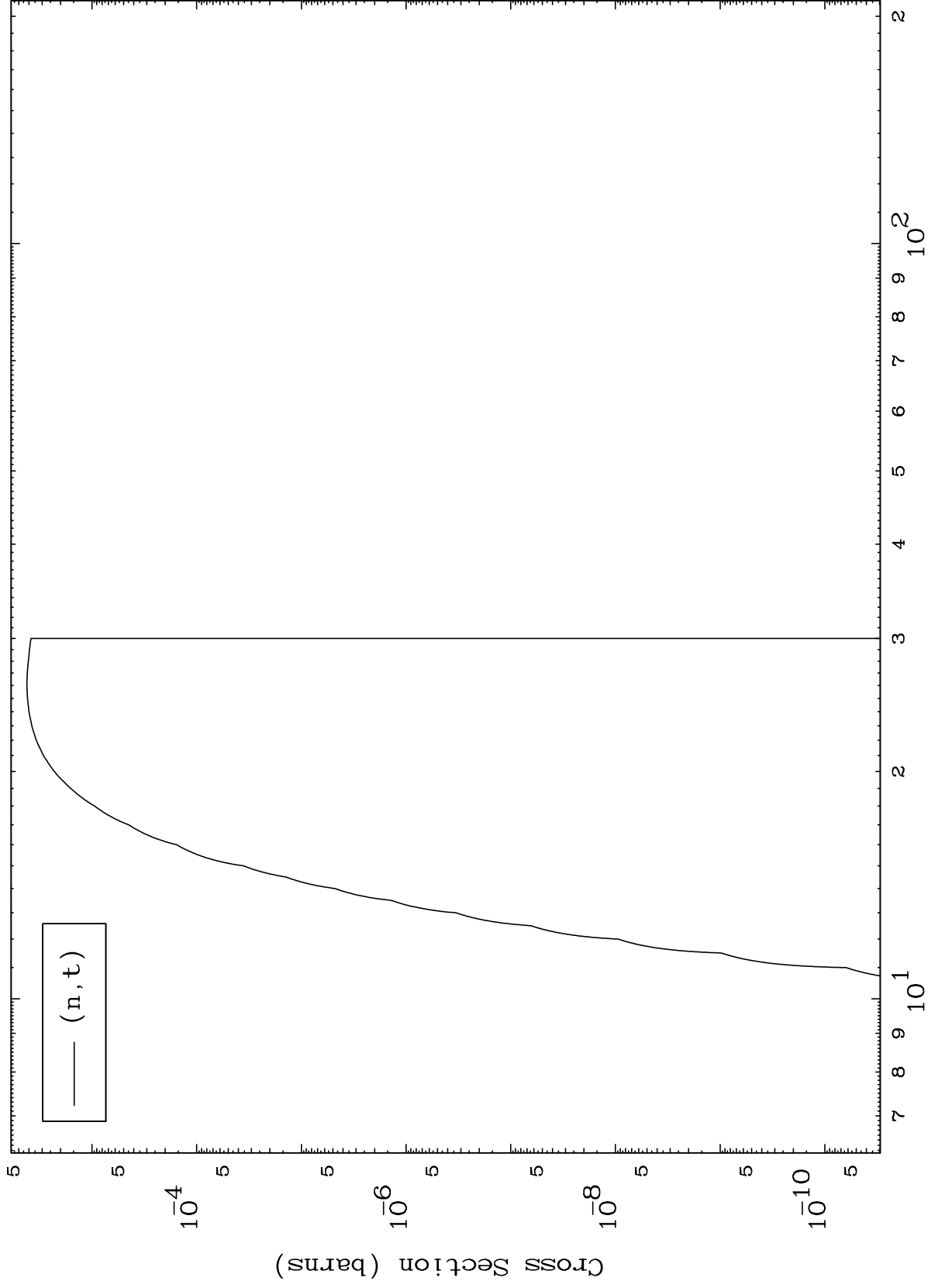
Incident Energy (MeV)

66-Dy-142

MAT 6583

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-142



11

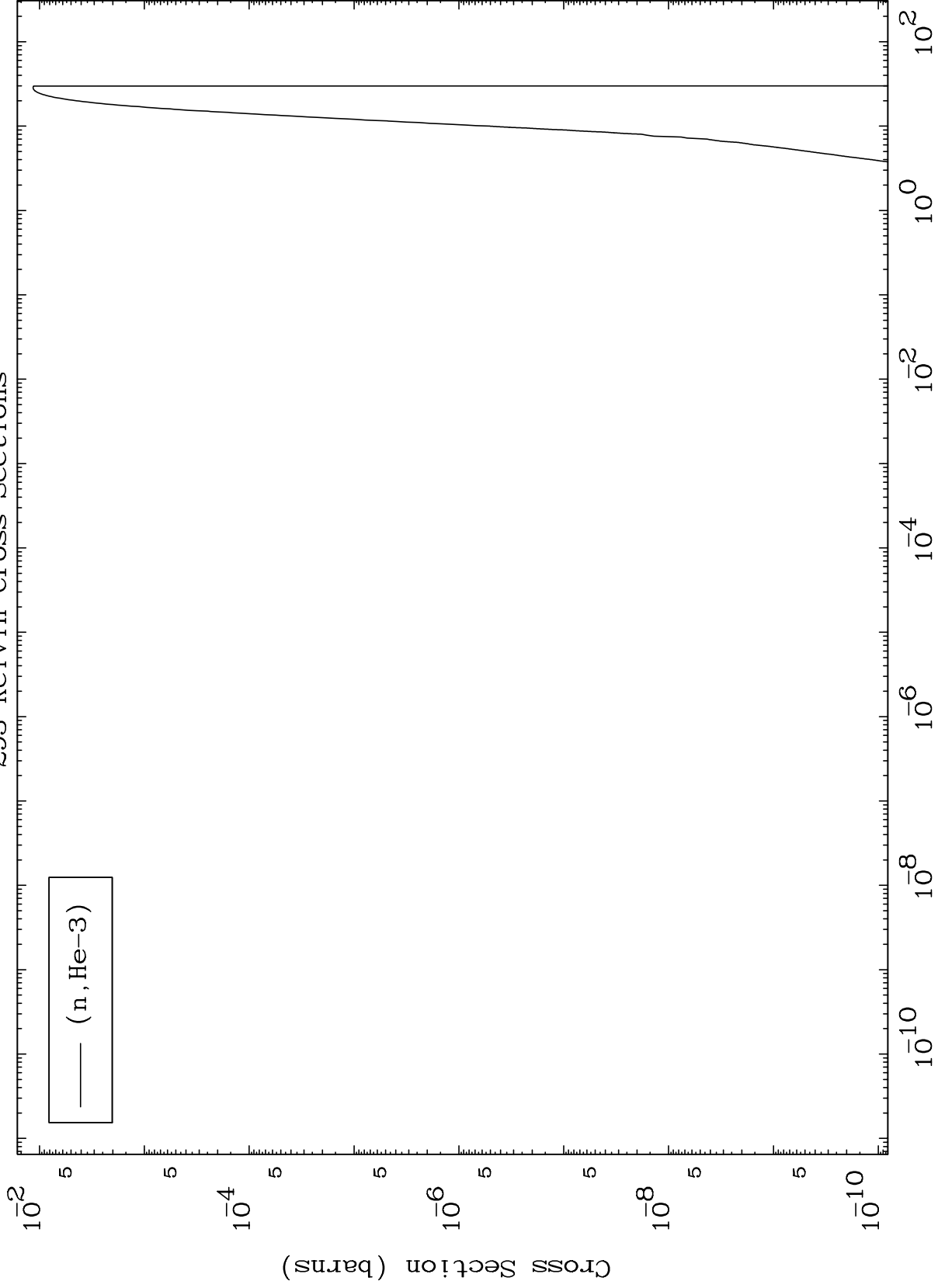
Incident Energy (MeV)

66-Dy-142

MAT 6583

(n,He3) Levels
293 Kelvin Cross Sections

66-Dy-142



12

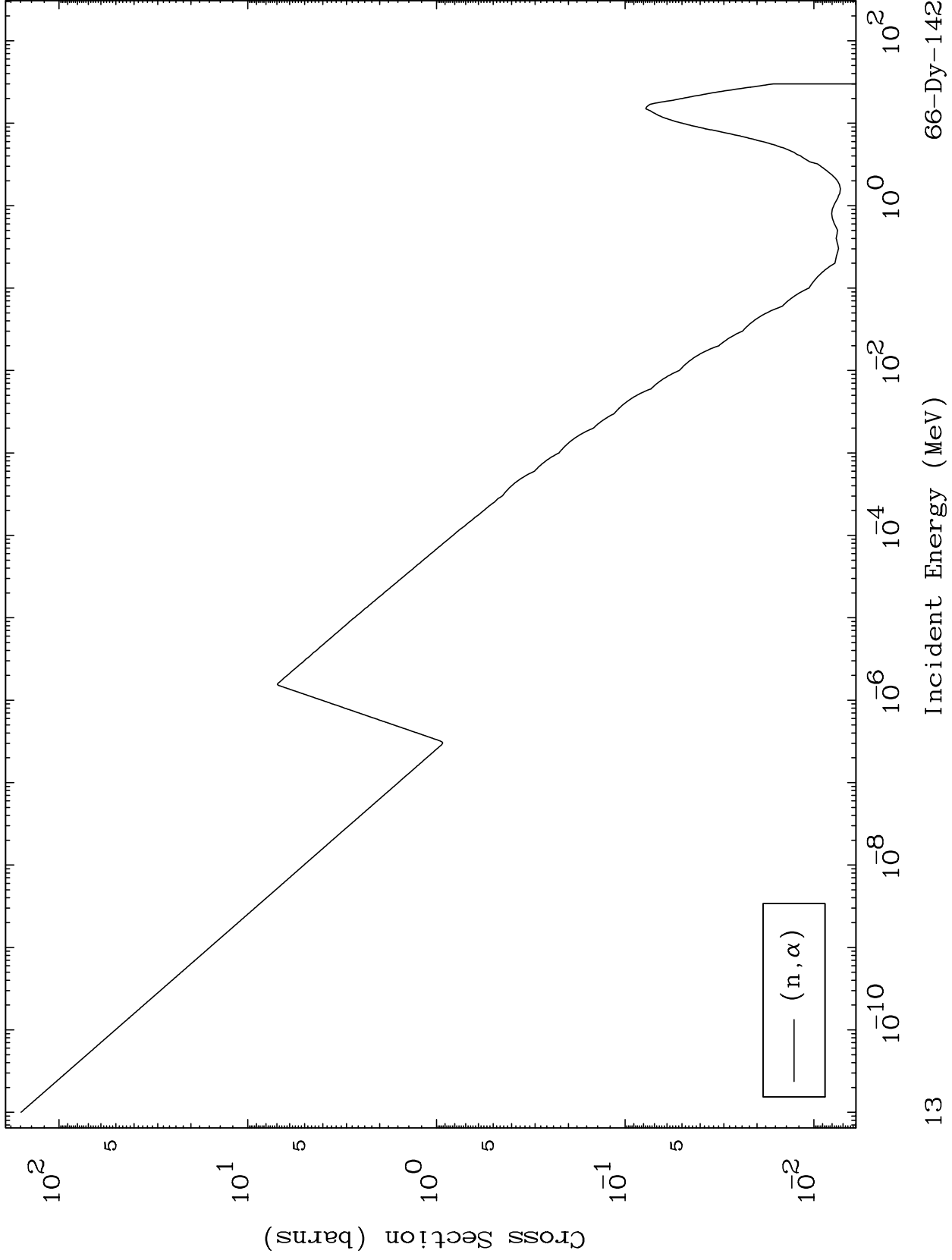
Incident Energy (MeV)

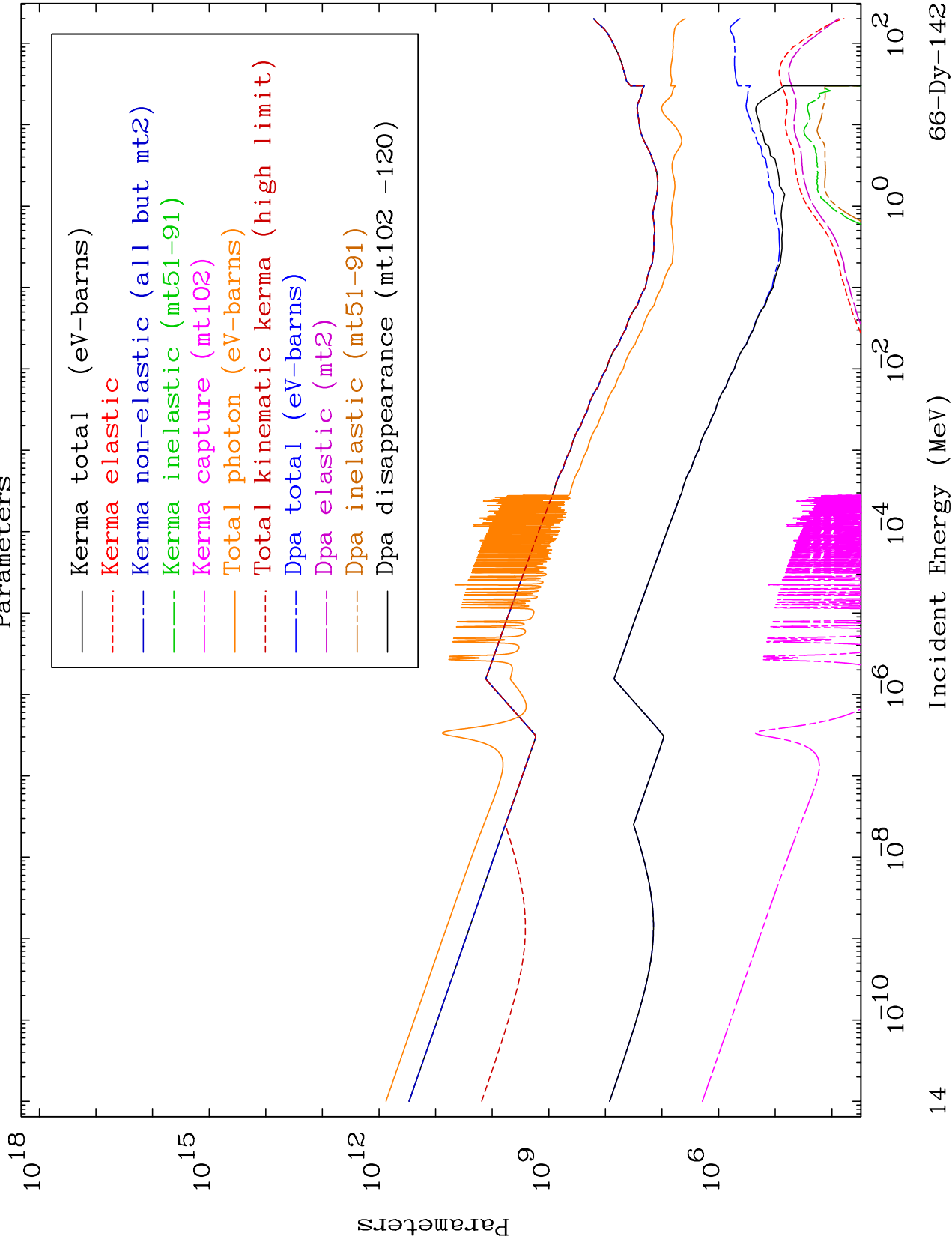
66-Dy-142

MAT 6583

(n,α) Levels
293 Kelvin Cross Sections

66-Dy-142

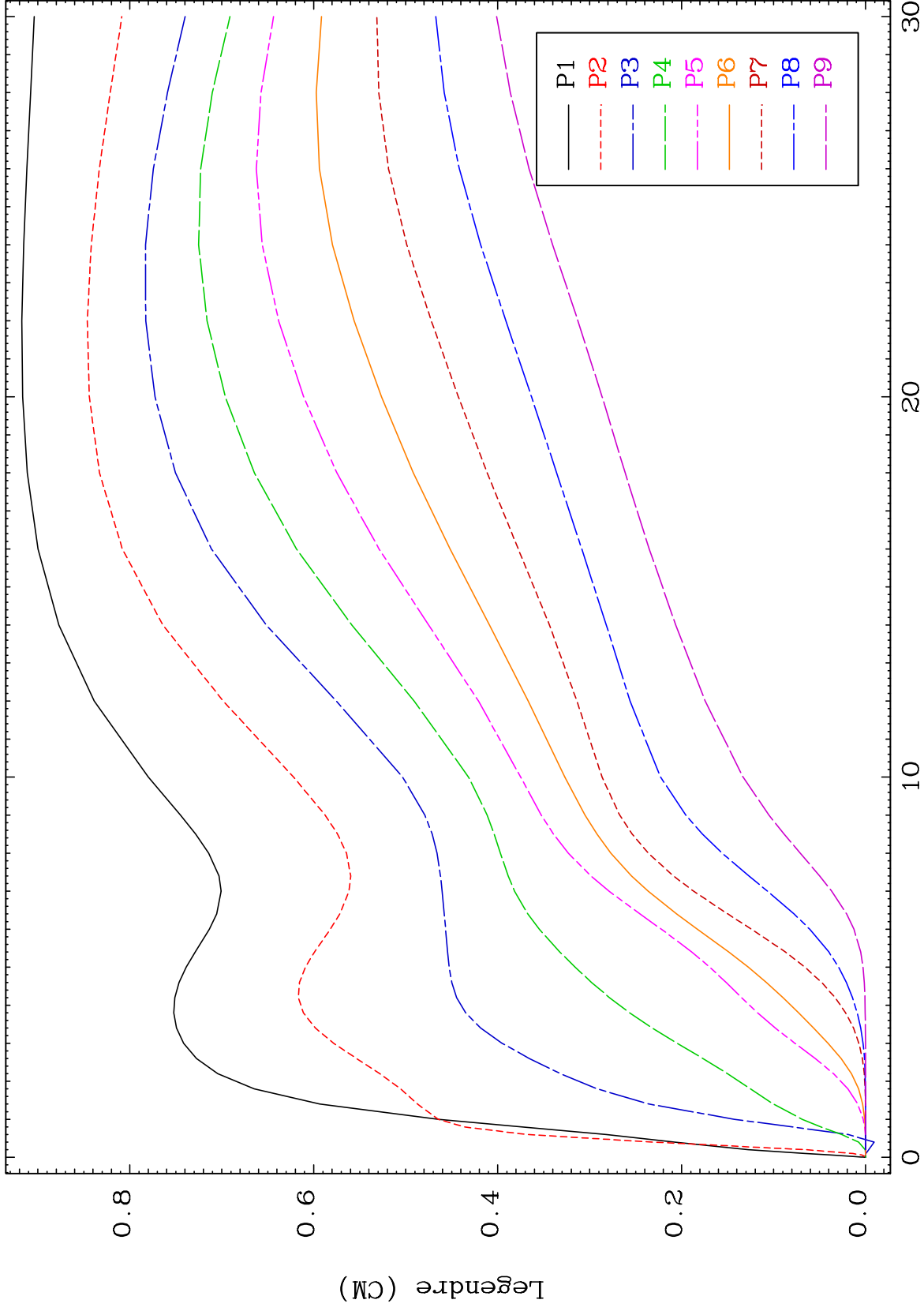




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Elastic Legendre Coefficients

66-Dy-142



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Incident Energy (MeV)

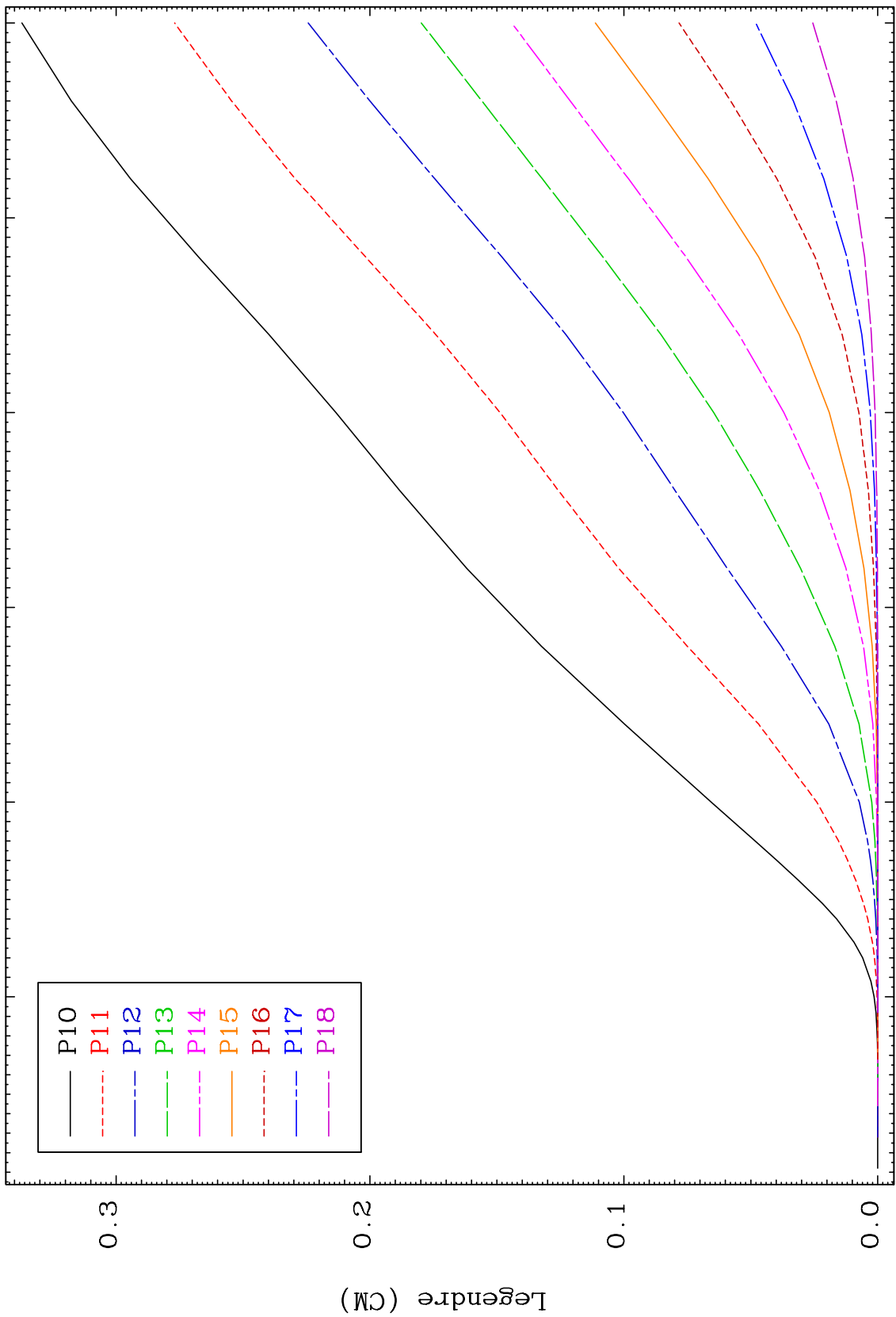
66-Dy-142

30

MAT 6583

Elastic Legendre Coefficients

66-Dy-142



16

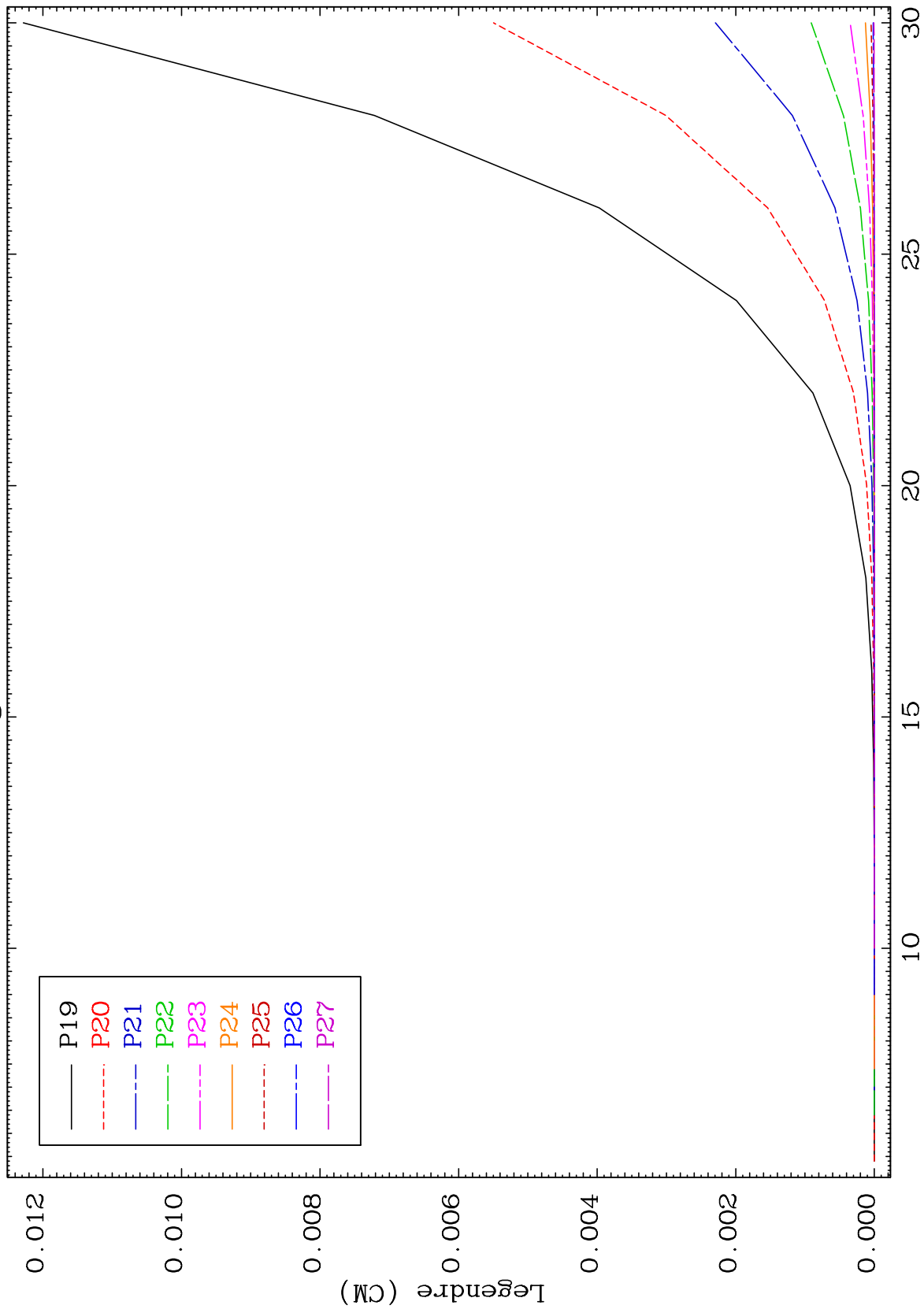
Incident Energy (MeV)

66-Dy-142

MAT 6583

Elastic Legendre Coefficients

66-Dy-142



17

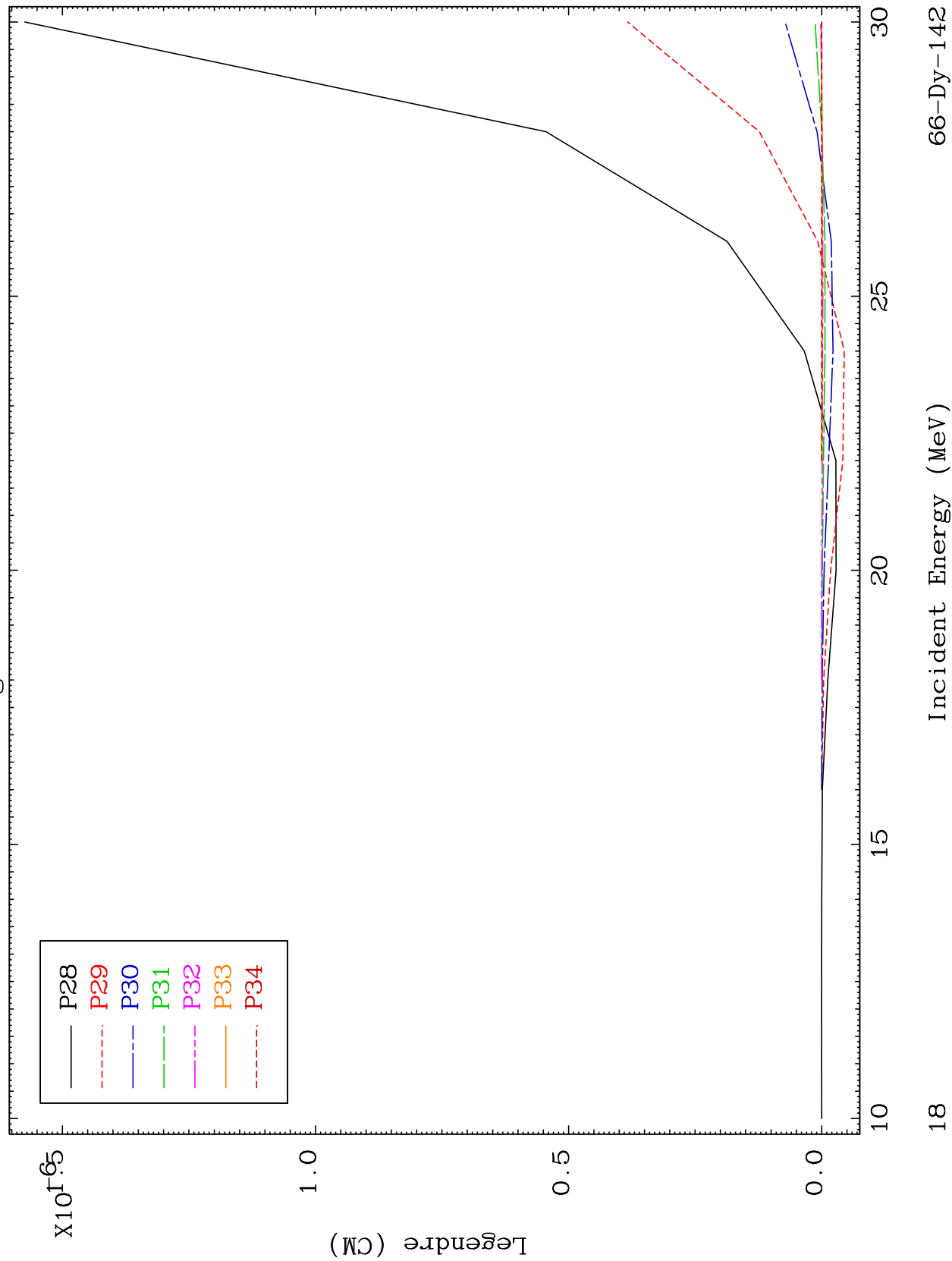
Incident Energy (MeV)

66-Dy-142

MAT 6583

Elastic Legendre Coefficients

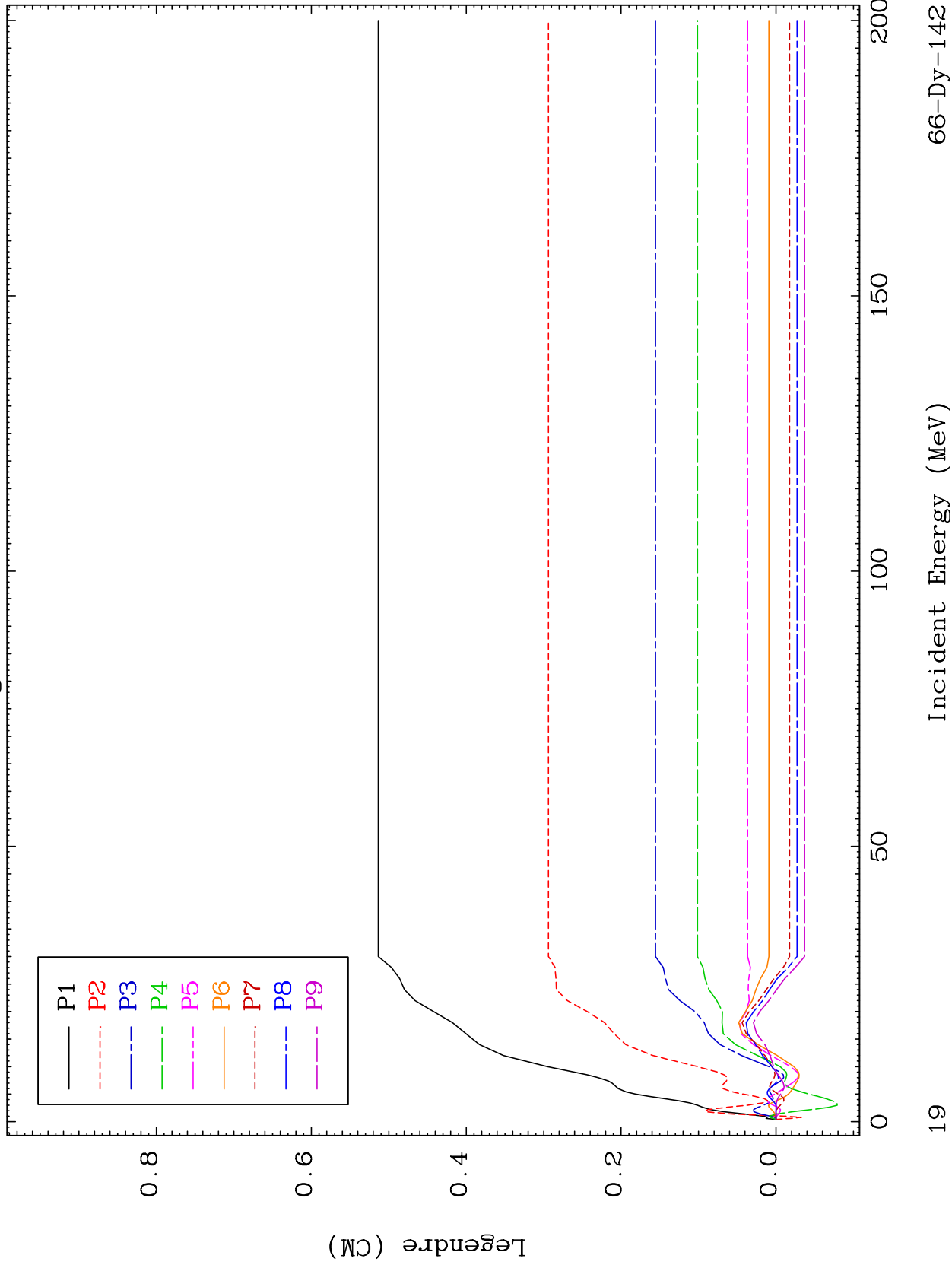
66-Dy-142



MAT 6583

315.9 keV (n,n') Level
Legendre Coefficients

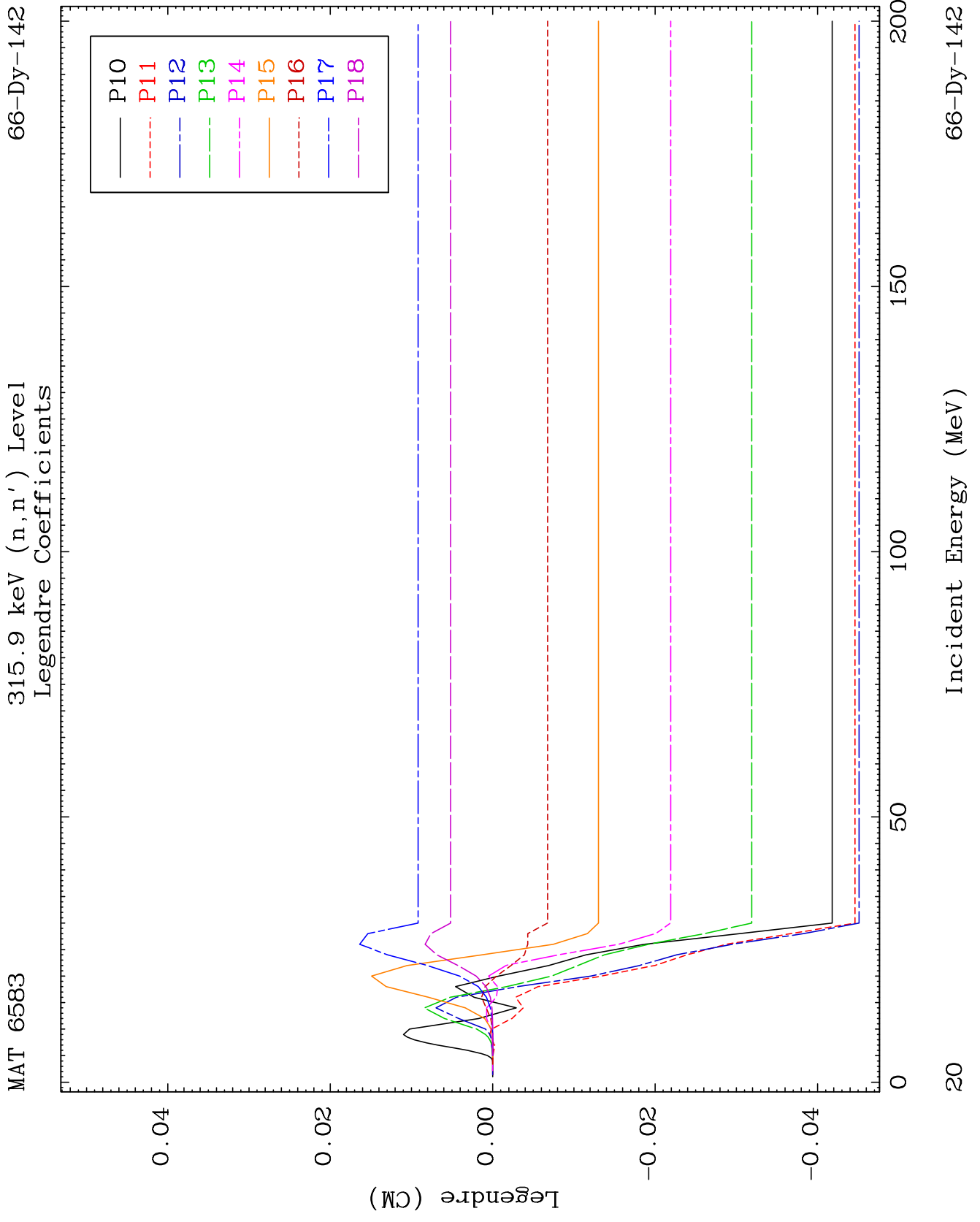
66-Dy-142



19

Incident Energy (MeV)

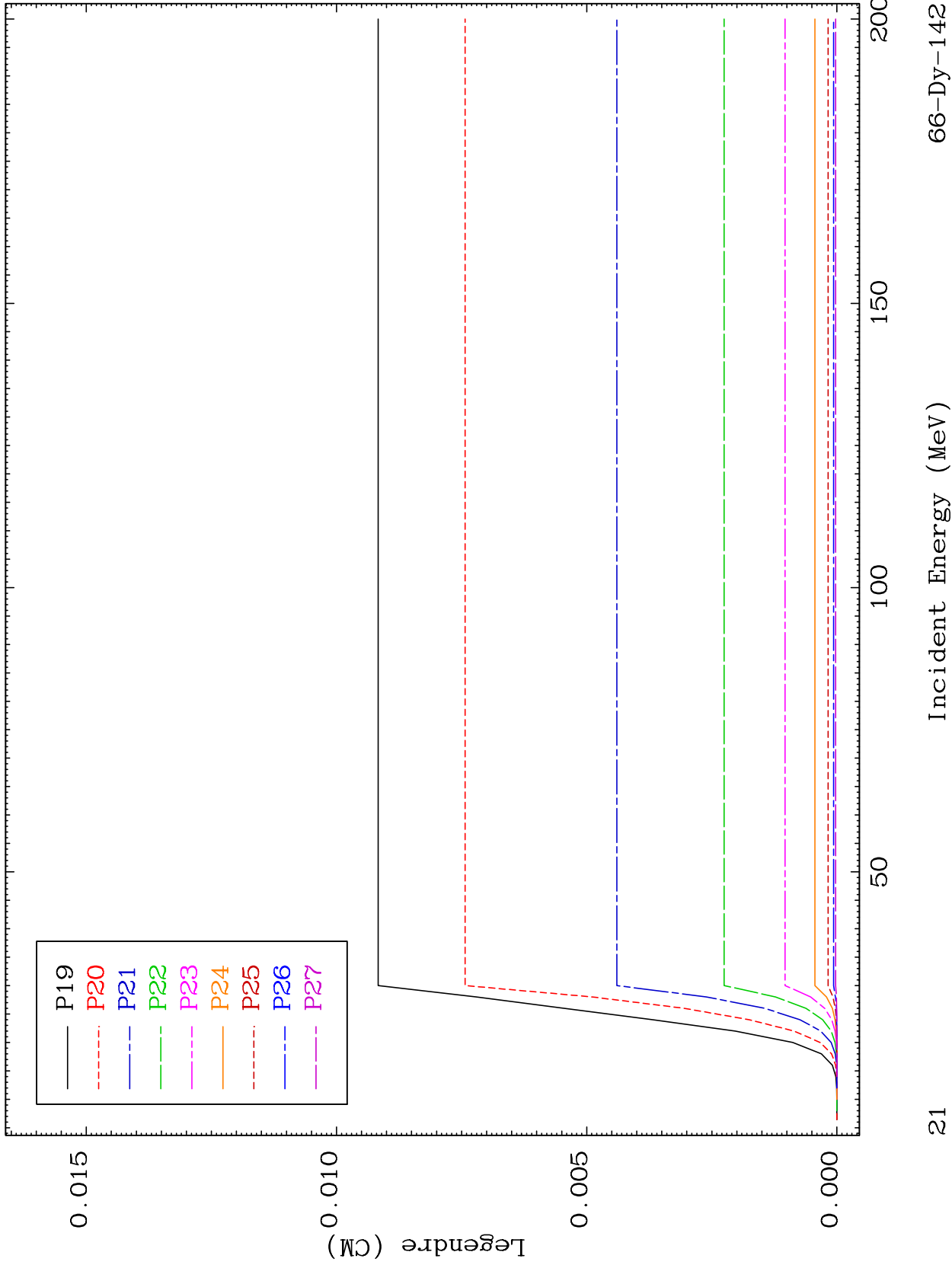
66-Dy-142



MAT 6583

315.9 keV (n,n') Level
Legendre Coefficients

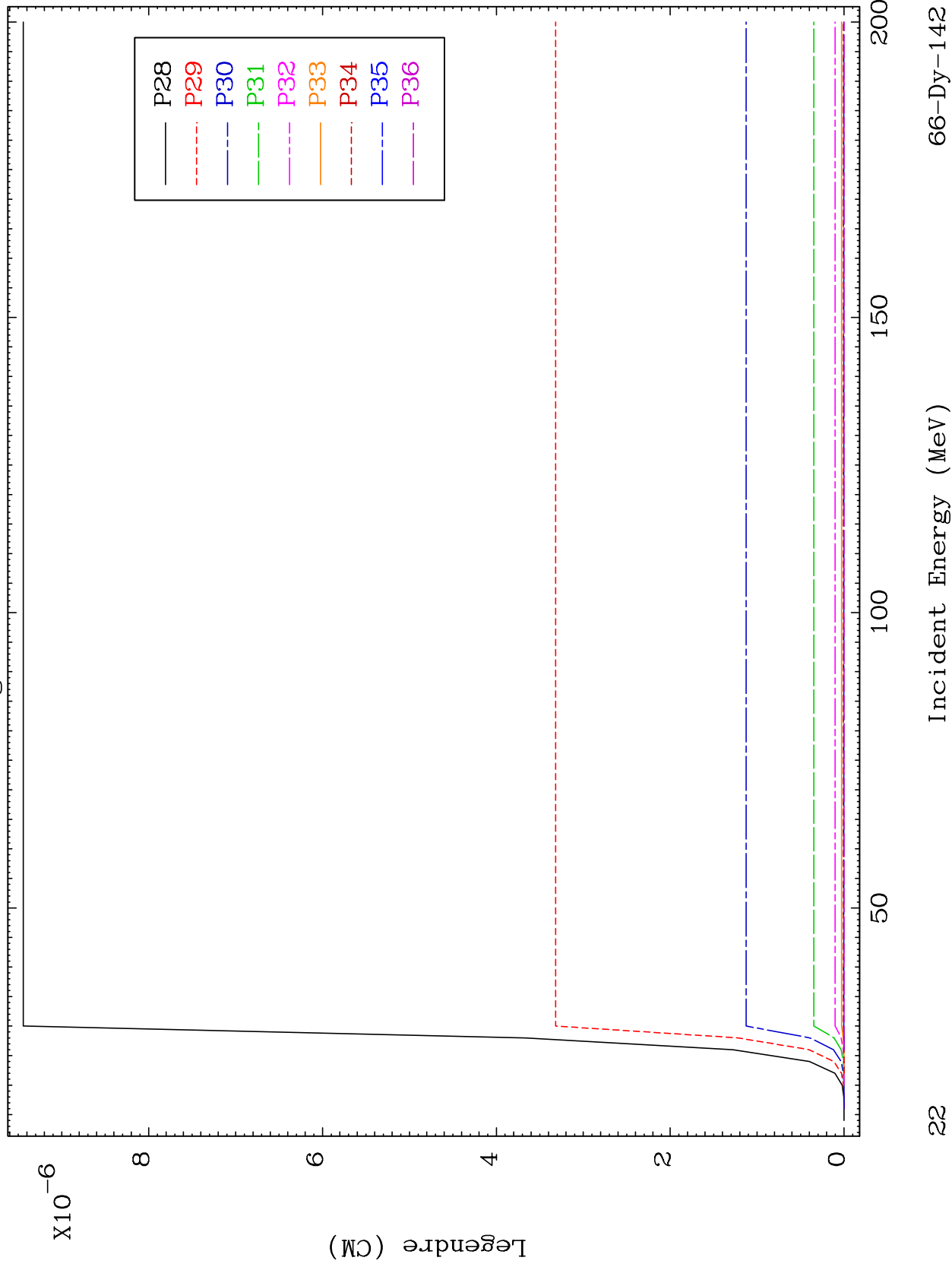
66-Dy-142



MAT 6583

315.9 keV (n,n') Level
Legendre Coefficients

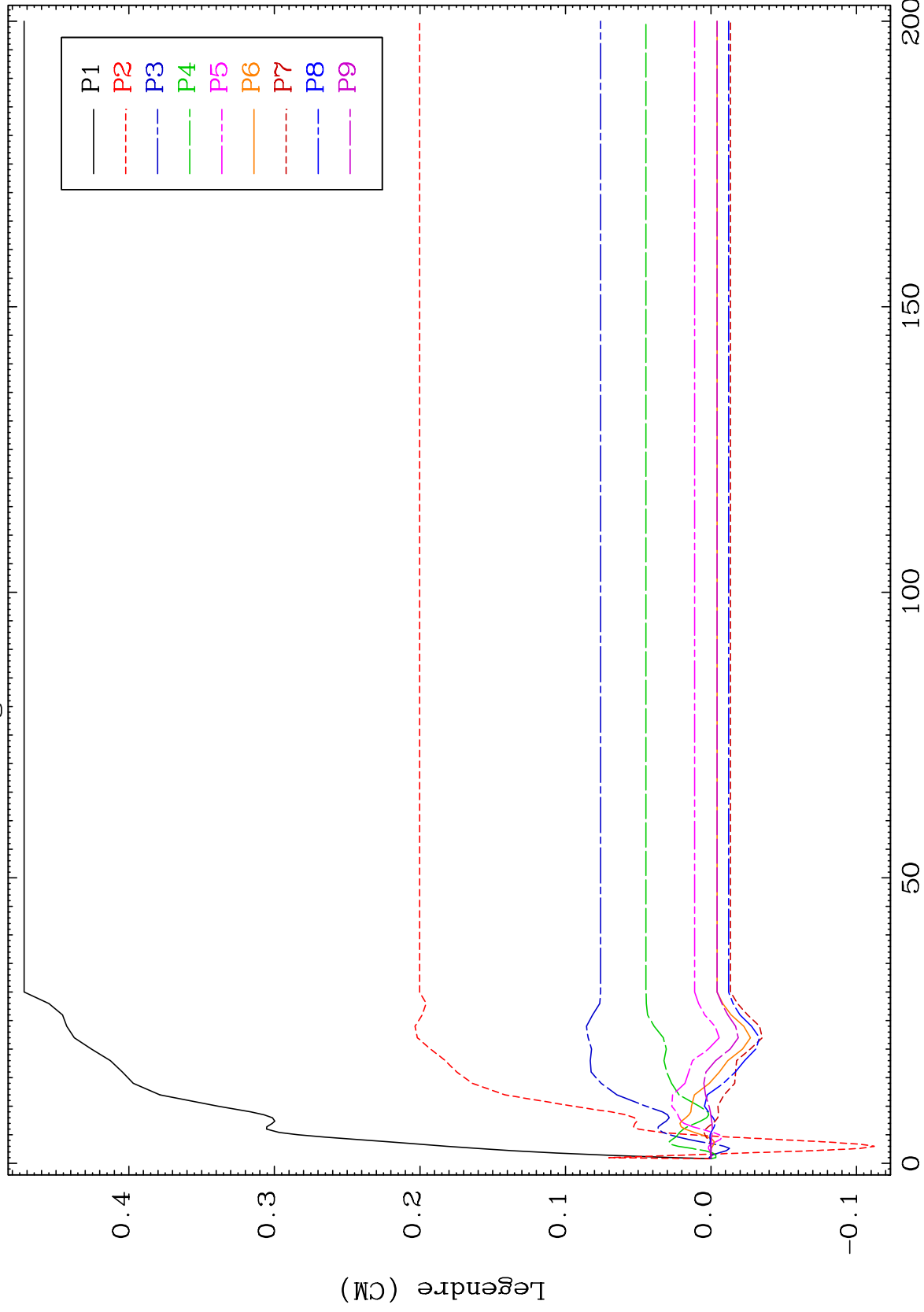
66-Dy-142



MAT 6583

798.9 keV (n,n') Level
Legendre Coefficients

66-Dy-142



23

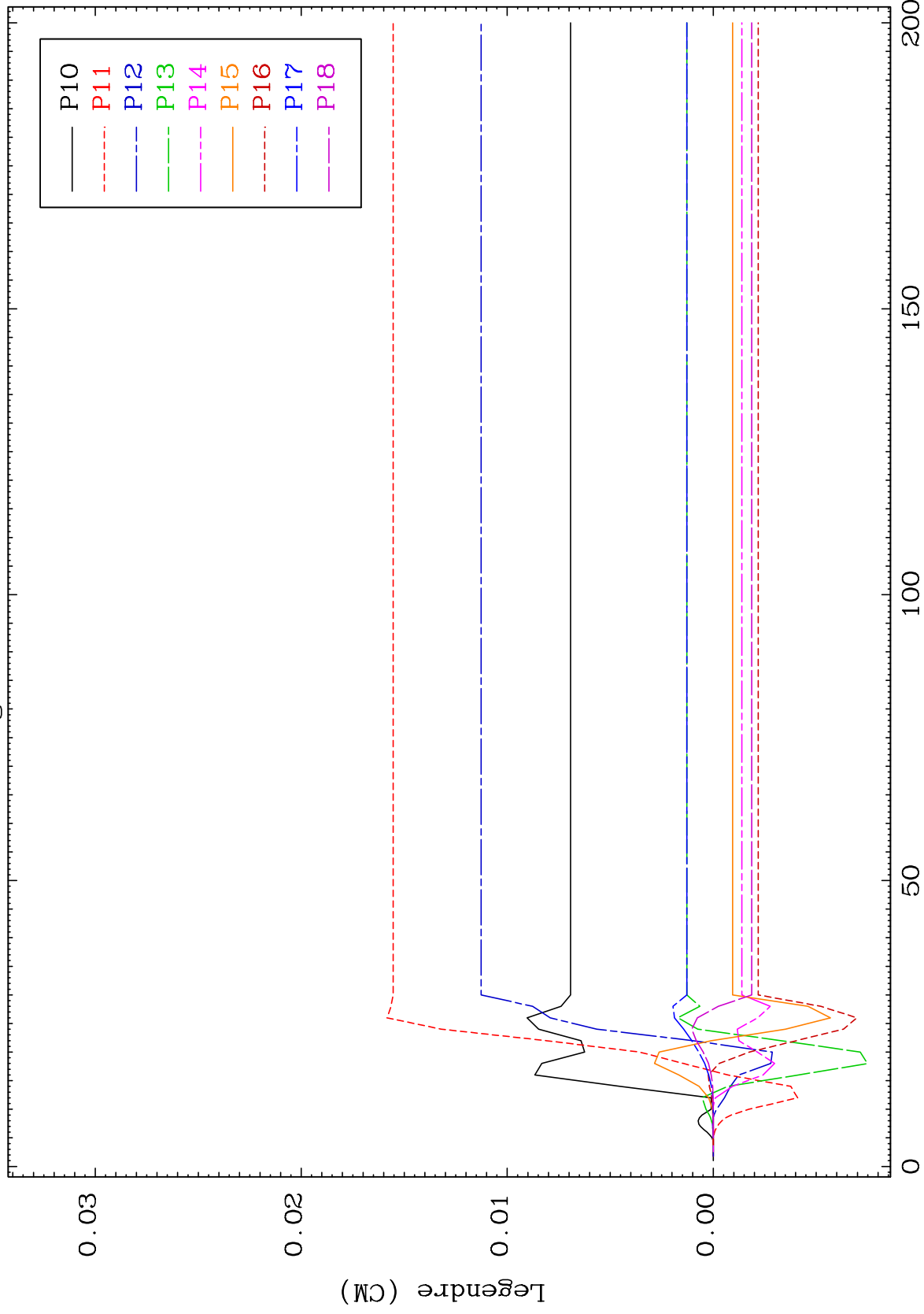
Incident Energy (MeV)

66-Dy-142

MAT 6583

798.9 keV (n,n') Level
Legendre Coefficients

66-Dy-142



24

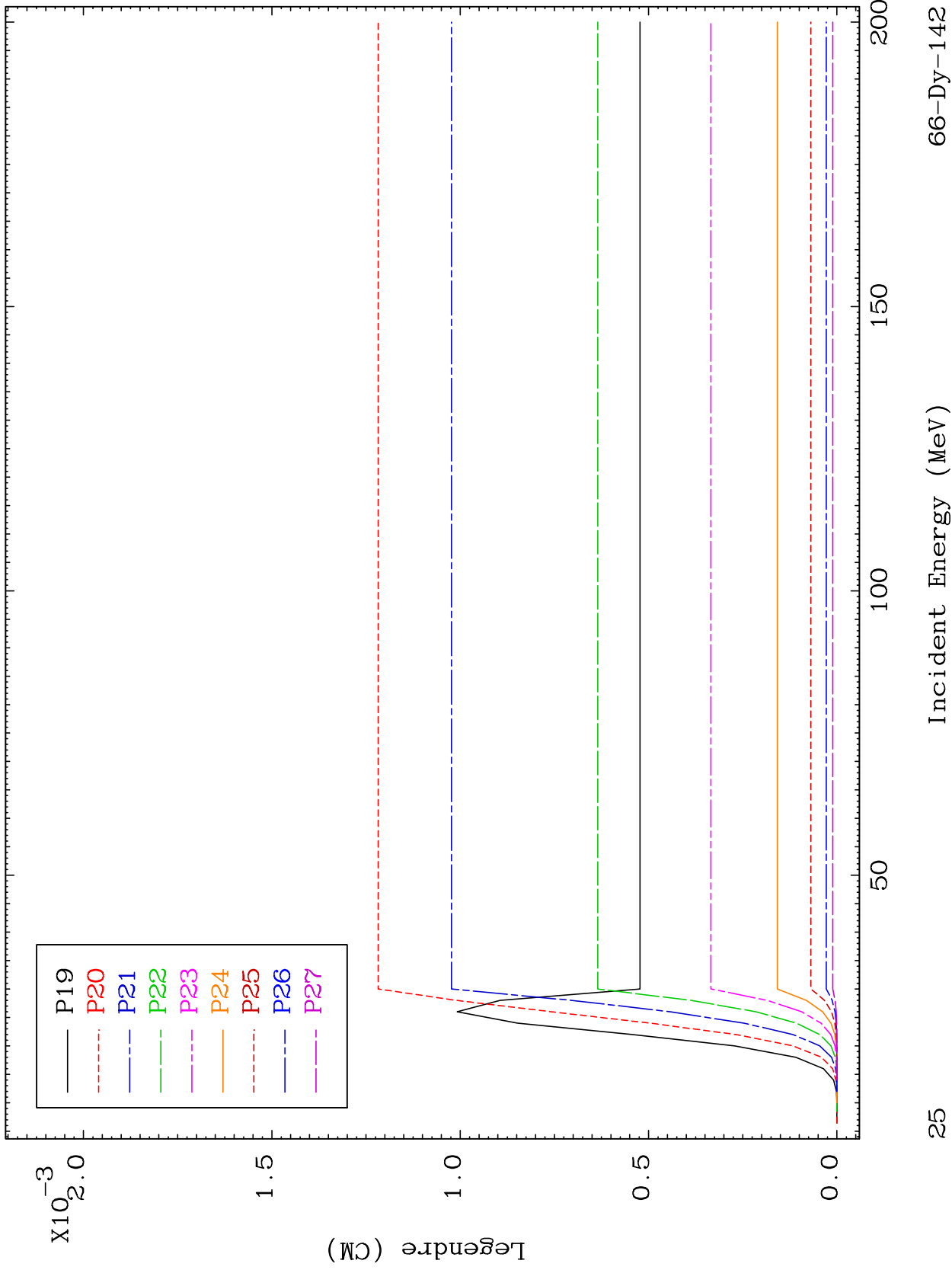
Incident Energy (MeV)

66-Dy-142

MAT 6583

798.9 keV (n,n') Level
Legendre Coefficients

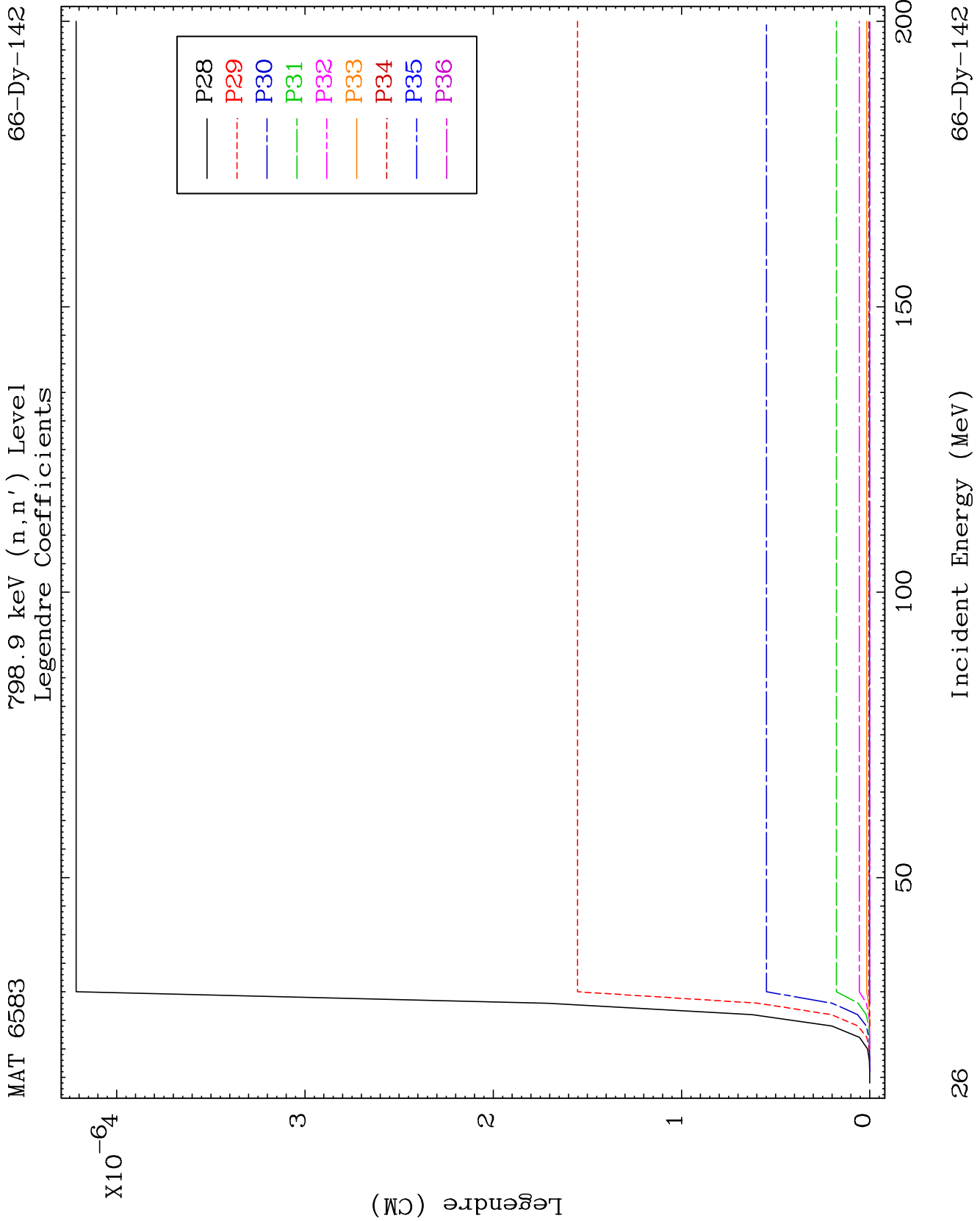
66-Dy-142



25

Incident Energy (MeV)

66-Dy-142

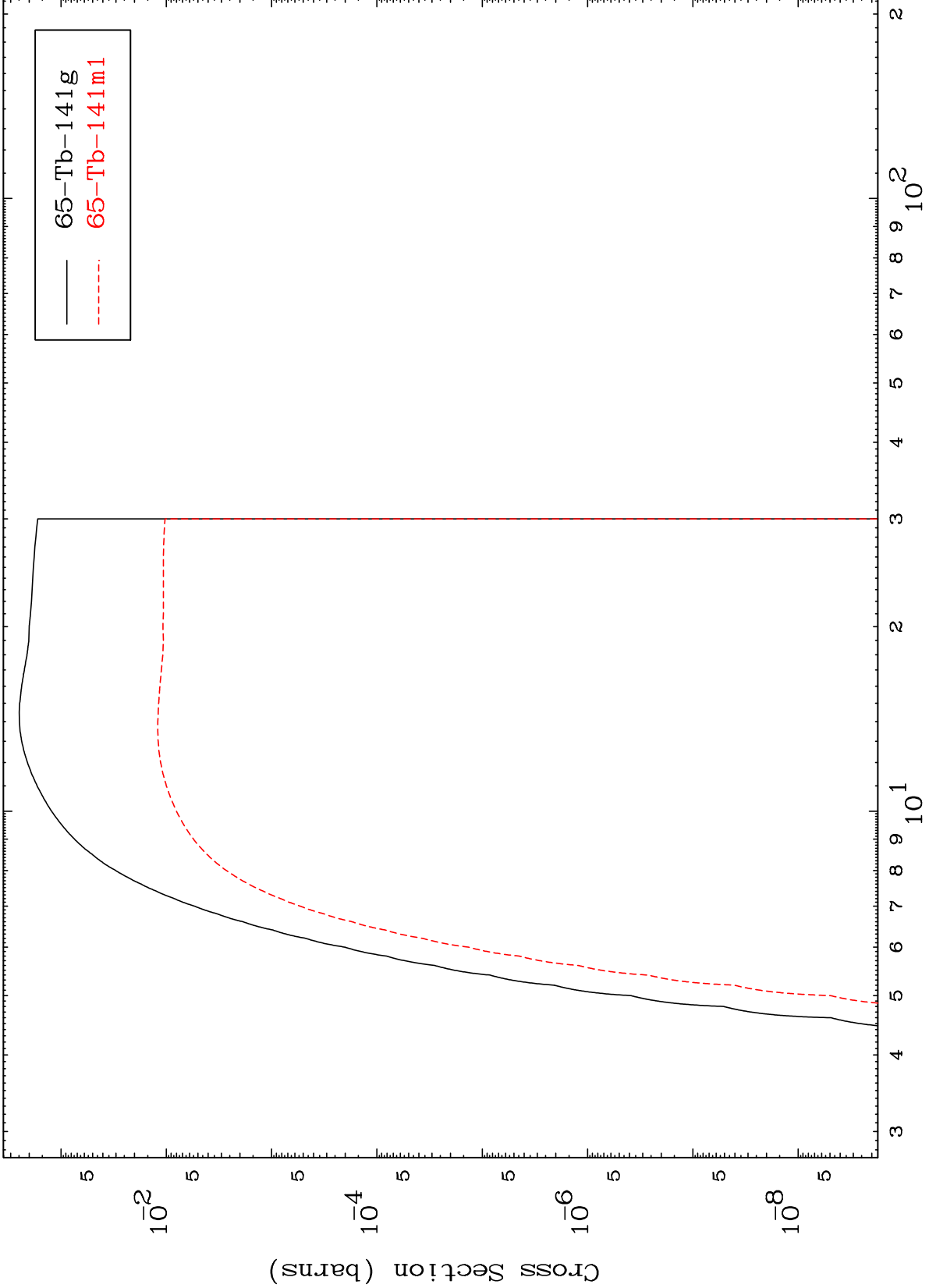


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(n,n') p

66-Dy-142

Radionuclide Production Cross Section



27

Incident Energy (MeV)

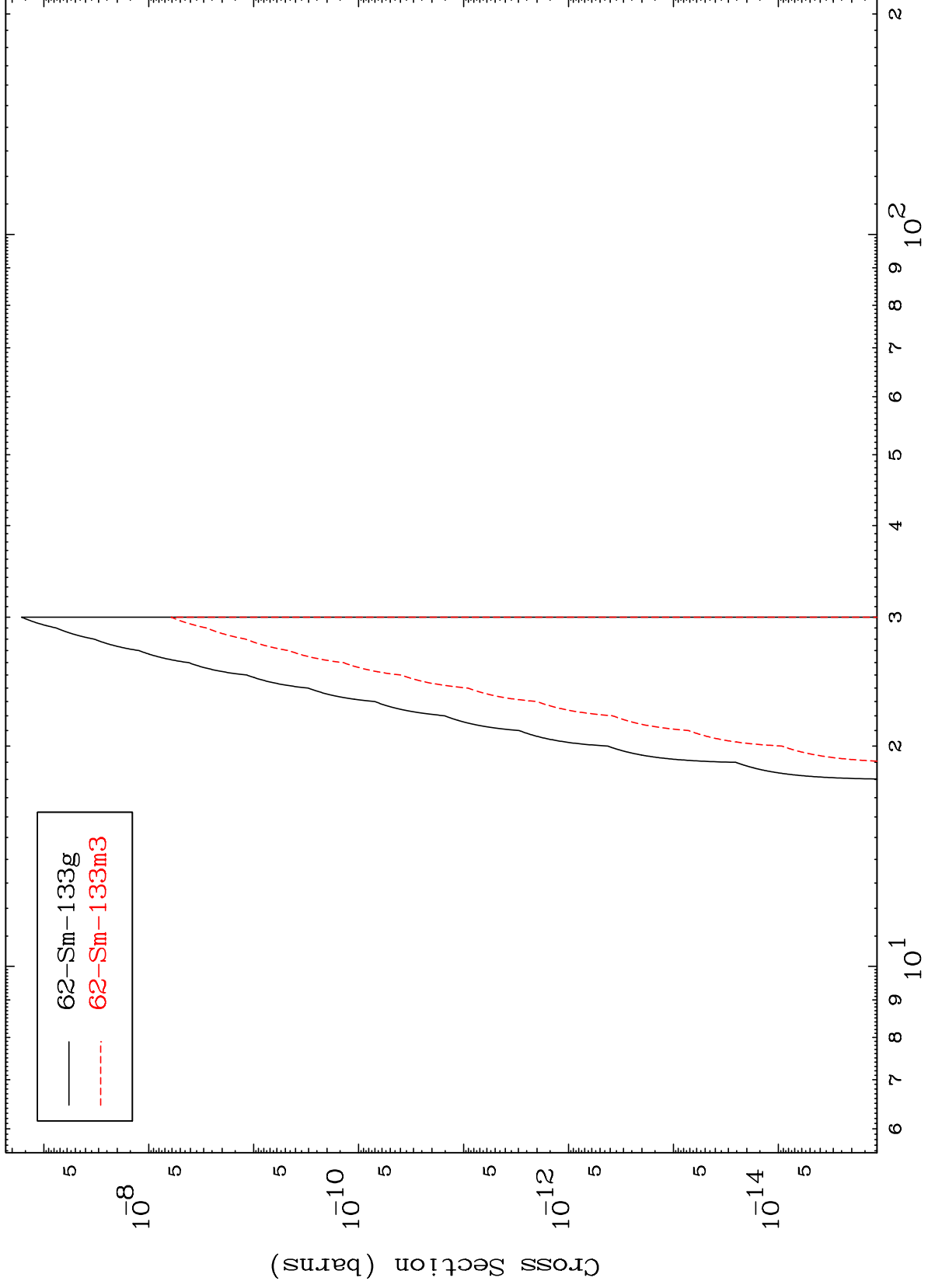
66-Dy-142

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(n,2n) 2α

66-Dy-142

Radionuclide Production Cross Section



28

Incident Energy (MeV)

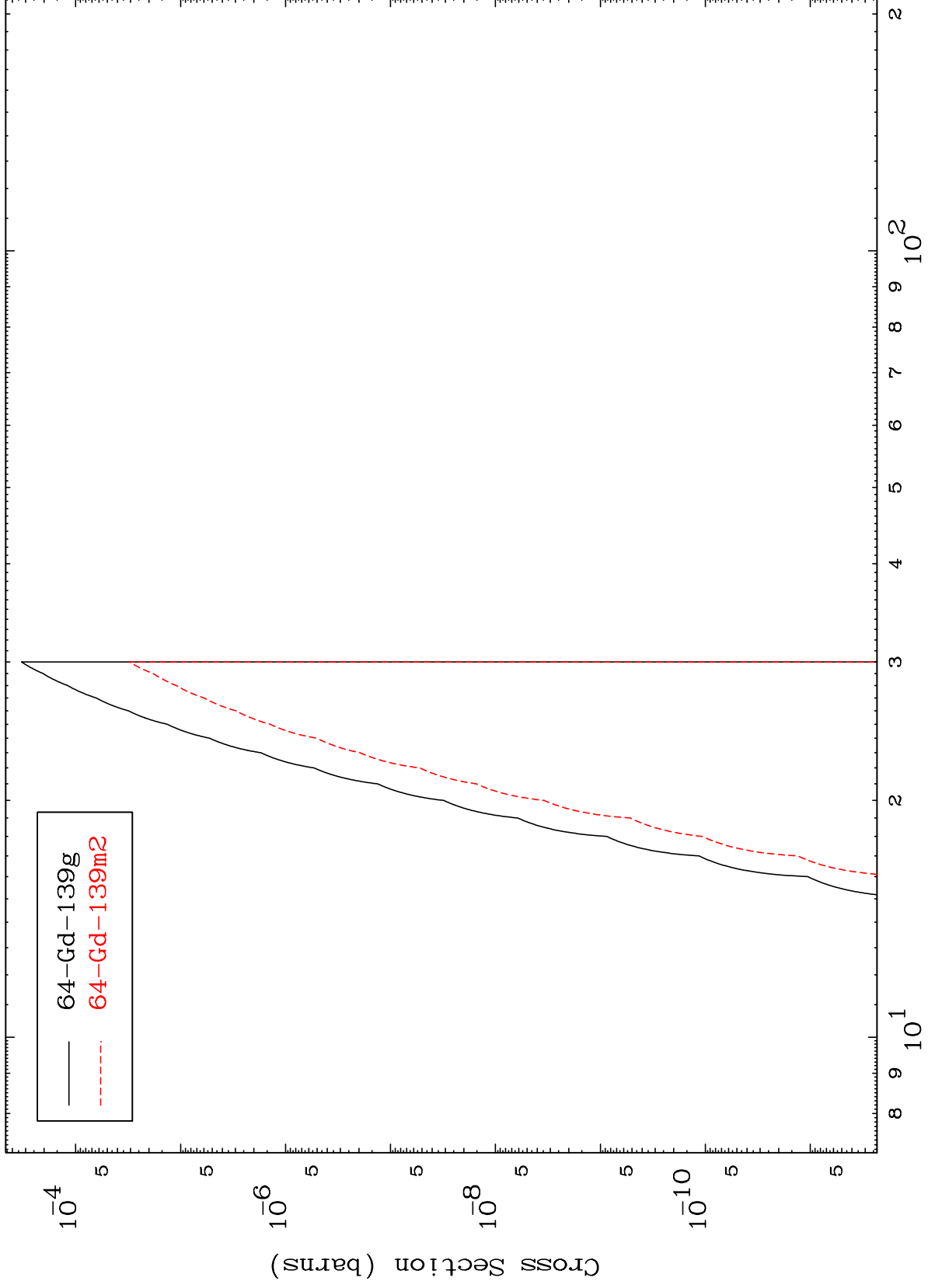
66-Dy-142

MAT 6583

(n,n') He-3

66-Dy-142

Radionuclide Production Cross Section



29

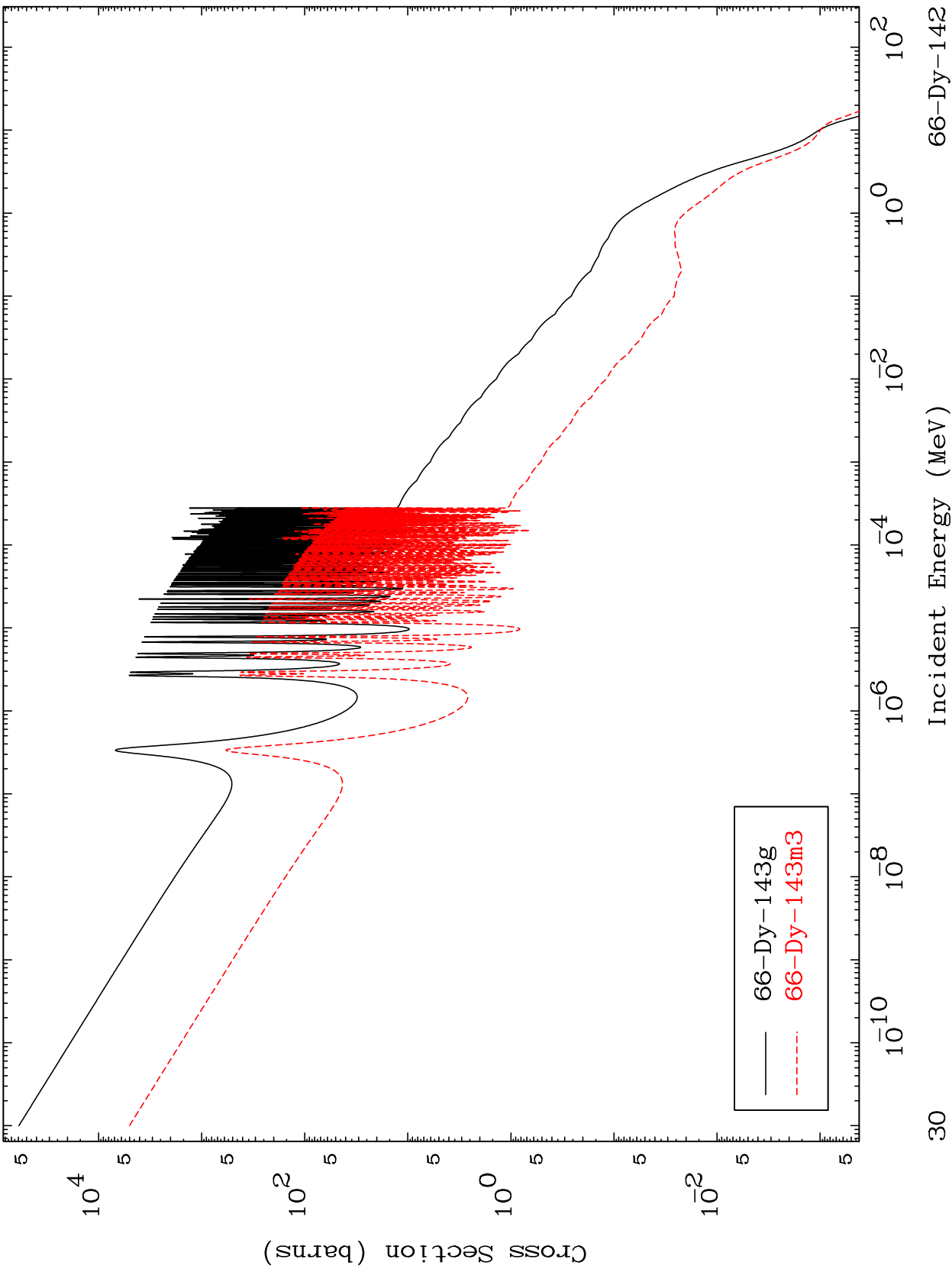
Incident Energy (MeV)

66-Dy-142

MAT 6583

66-Dy-142

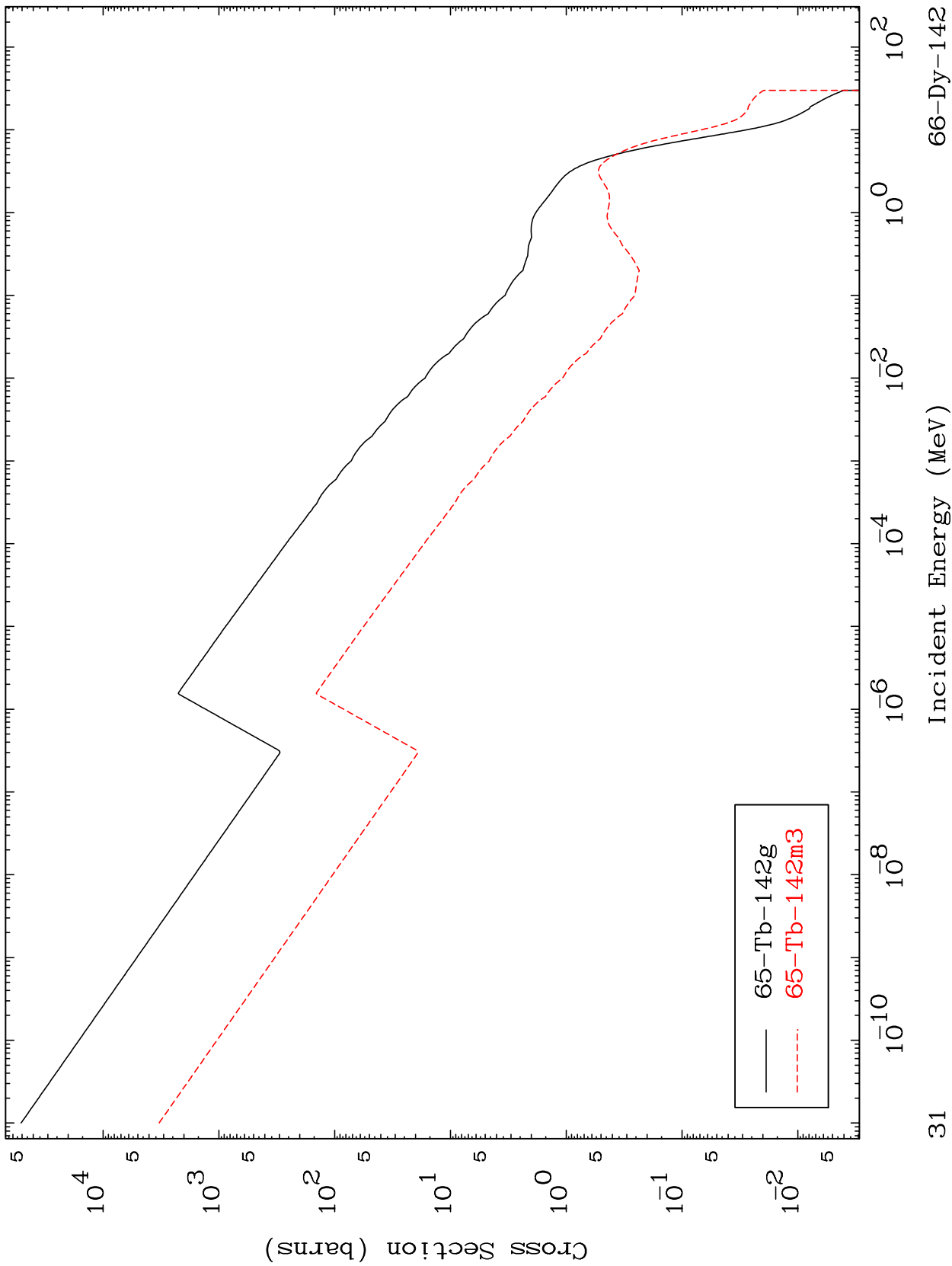
(n, γ)
Radionuclide Production Cross Section



MAT 6583

66-Dy-142

Radionuclide Production Cross Section

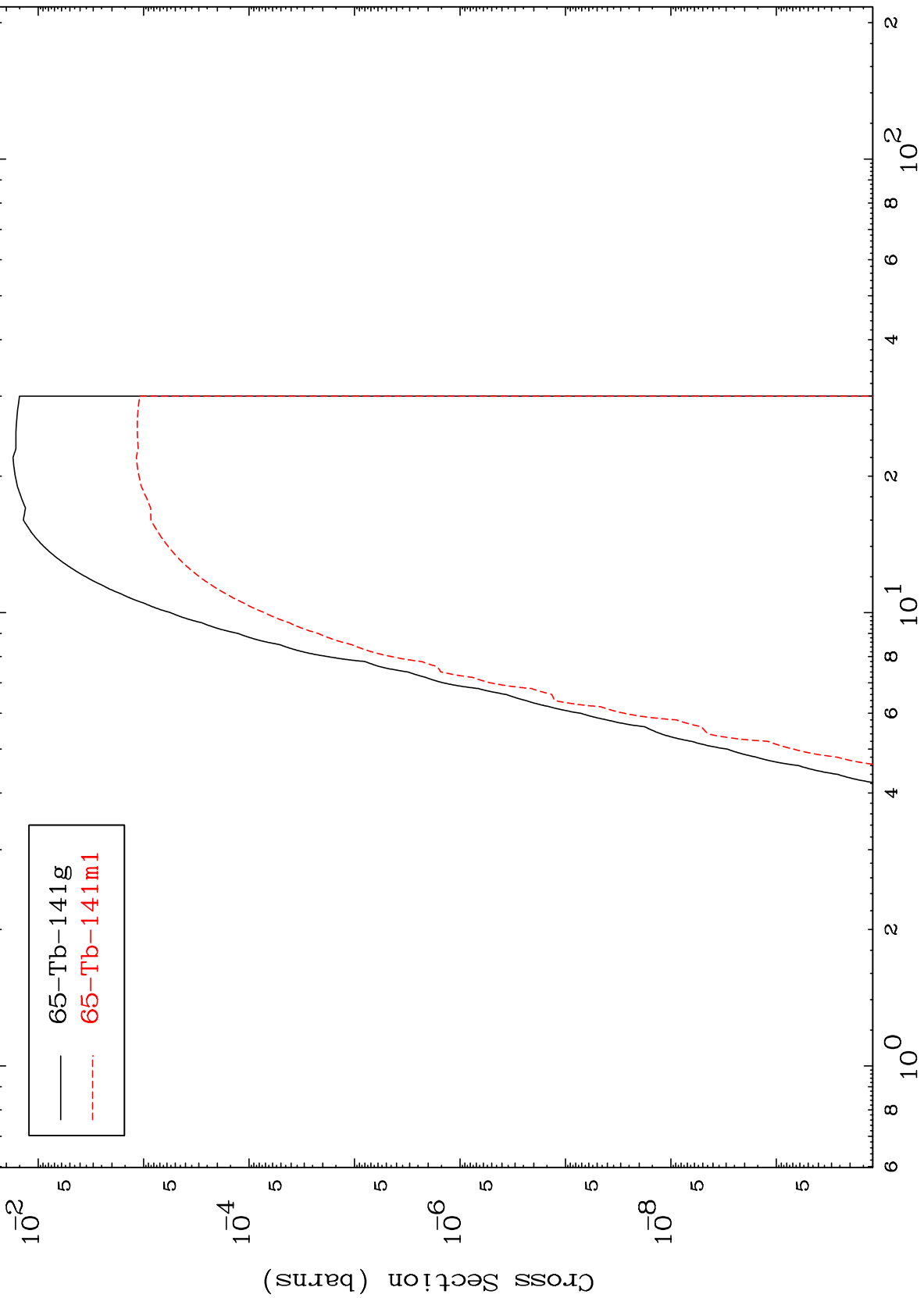


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(n,d)

66-Dy-142

Radionuclide Production Cross Section



65-Tb-141g
65-Tb-141m1

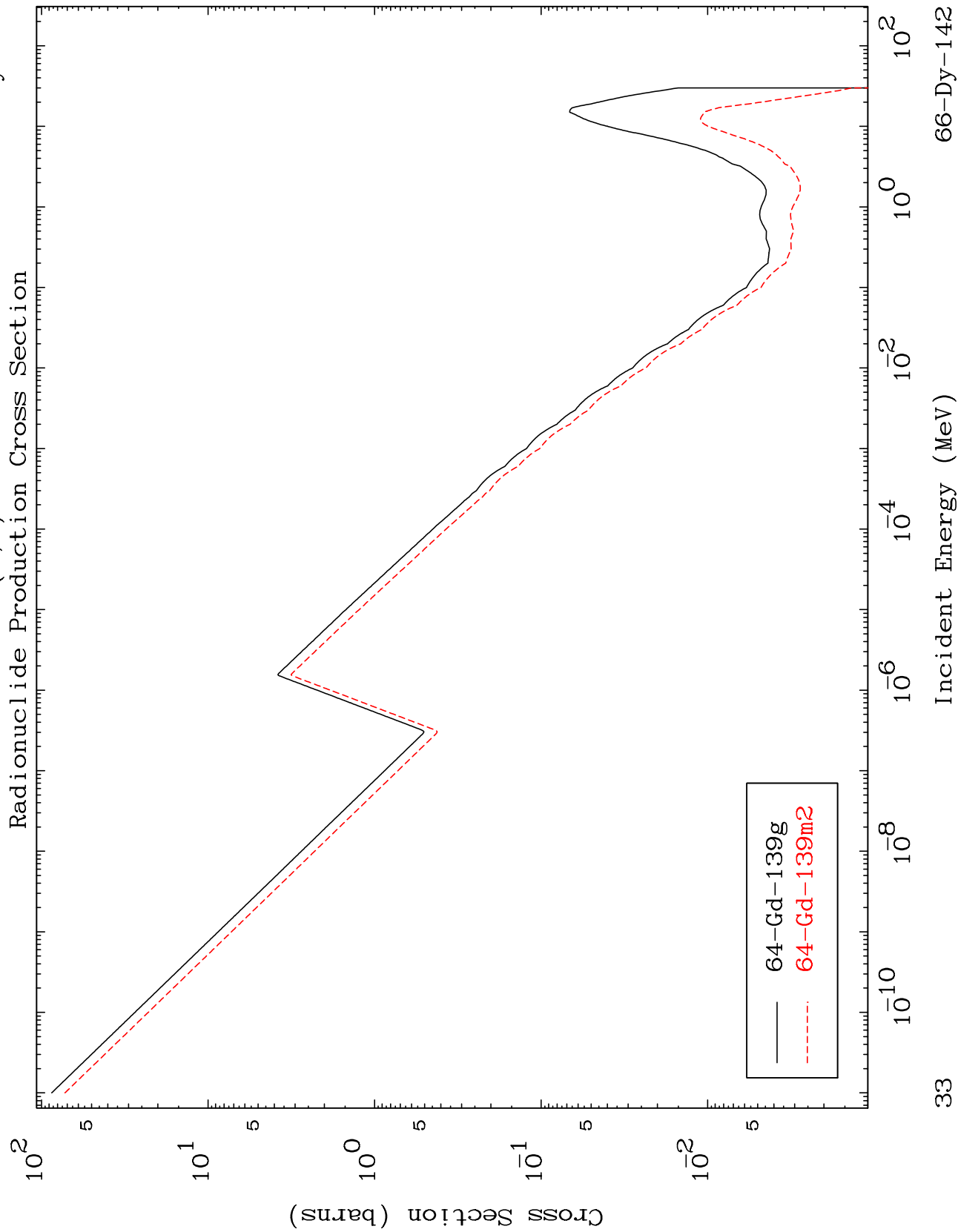
32

Incident Energy (MeV)

66-Dy-142

MAT 6583

66-Dy-142

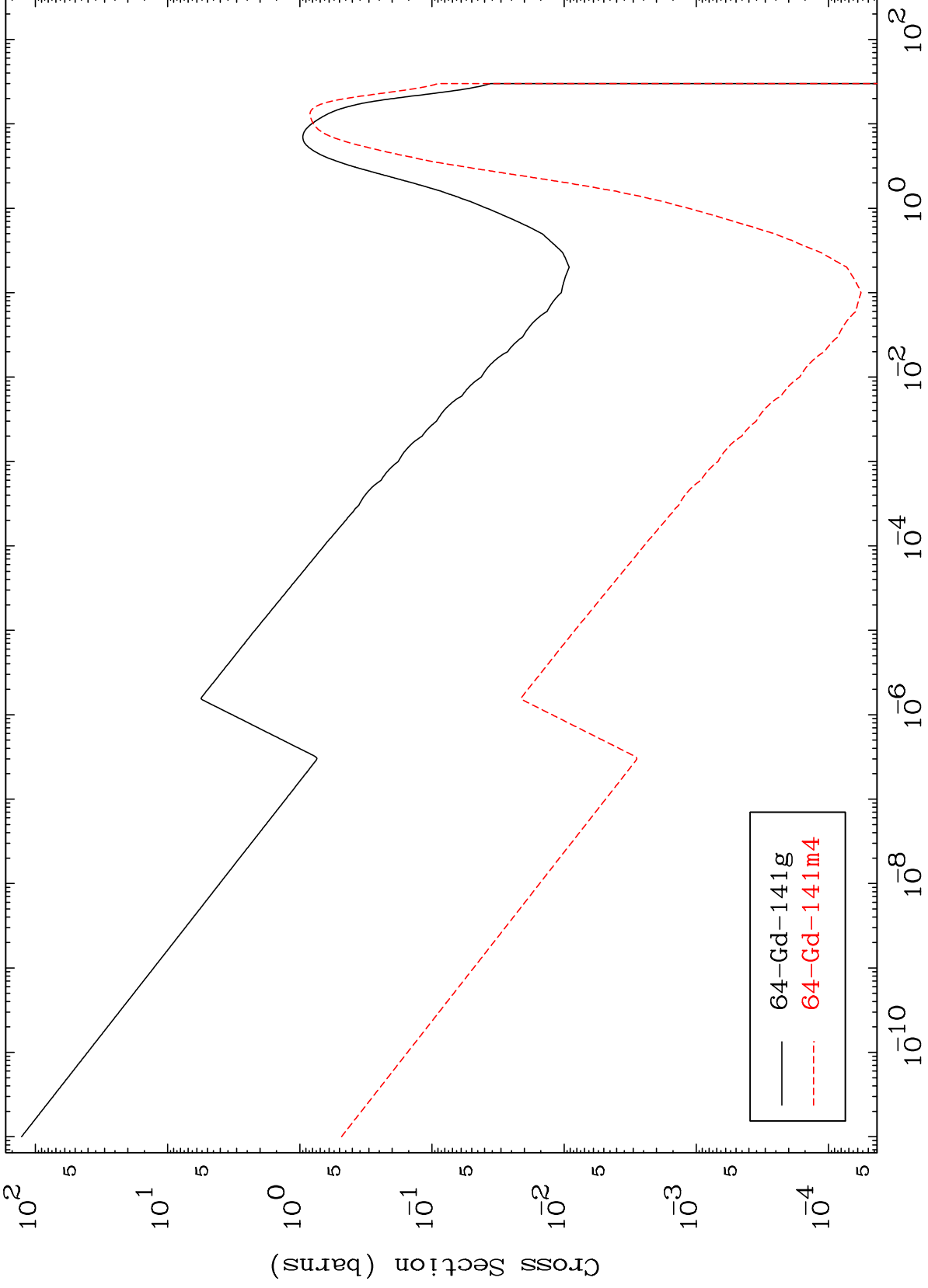


MAT 6583

(n,2p)

66-Dy-142

Radionuclide Production Cross Section



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Incident Energy (MeV)

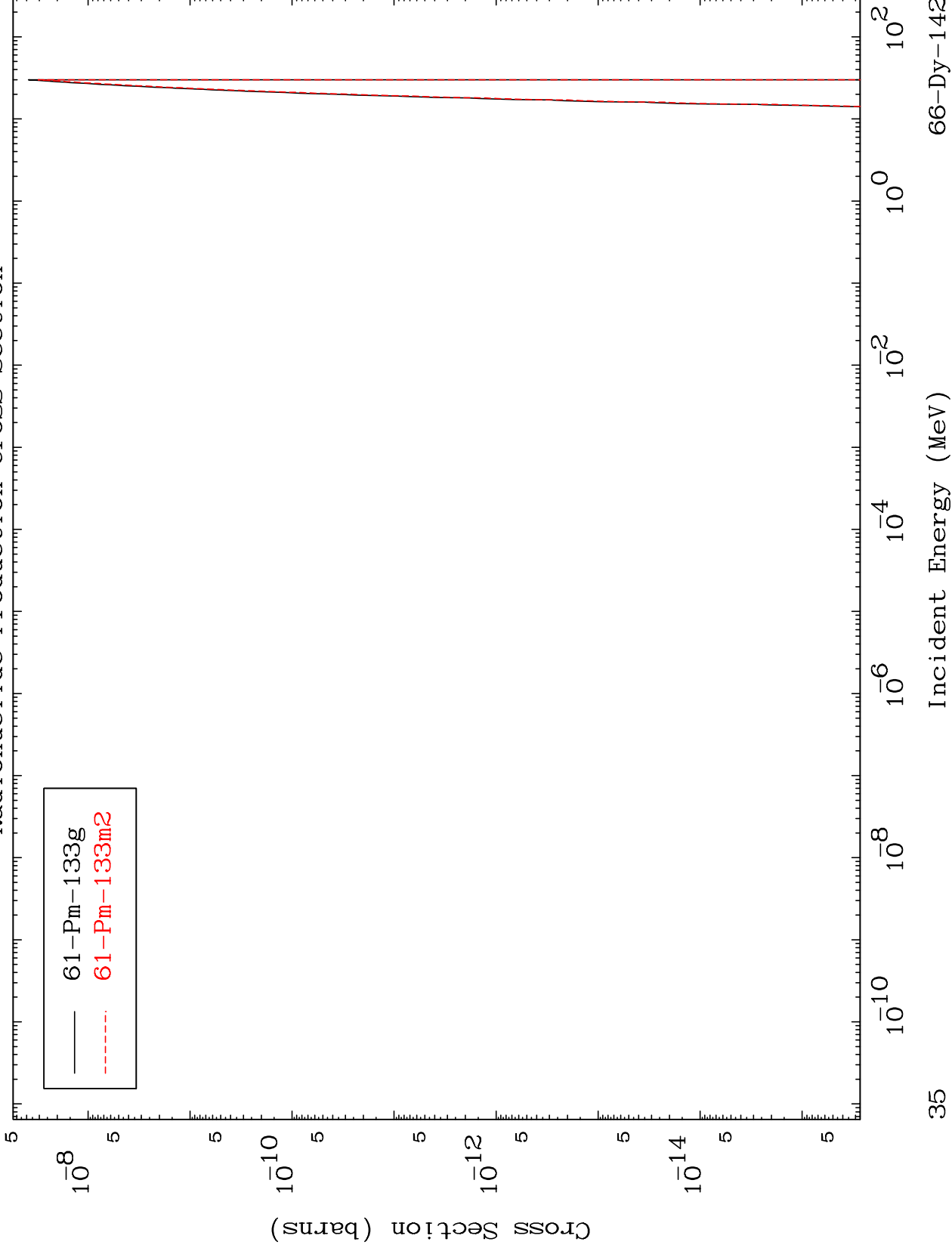
66-Dy-142

MAT 6583

(n,d) 2α

66-Dy-142

Radionuclide Production Cross Section

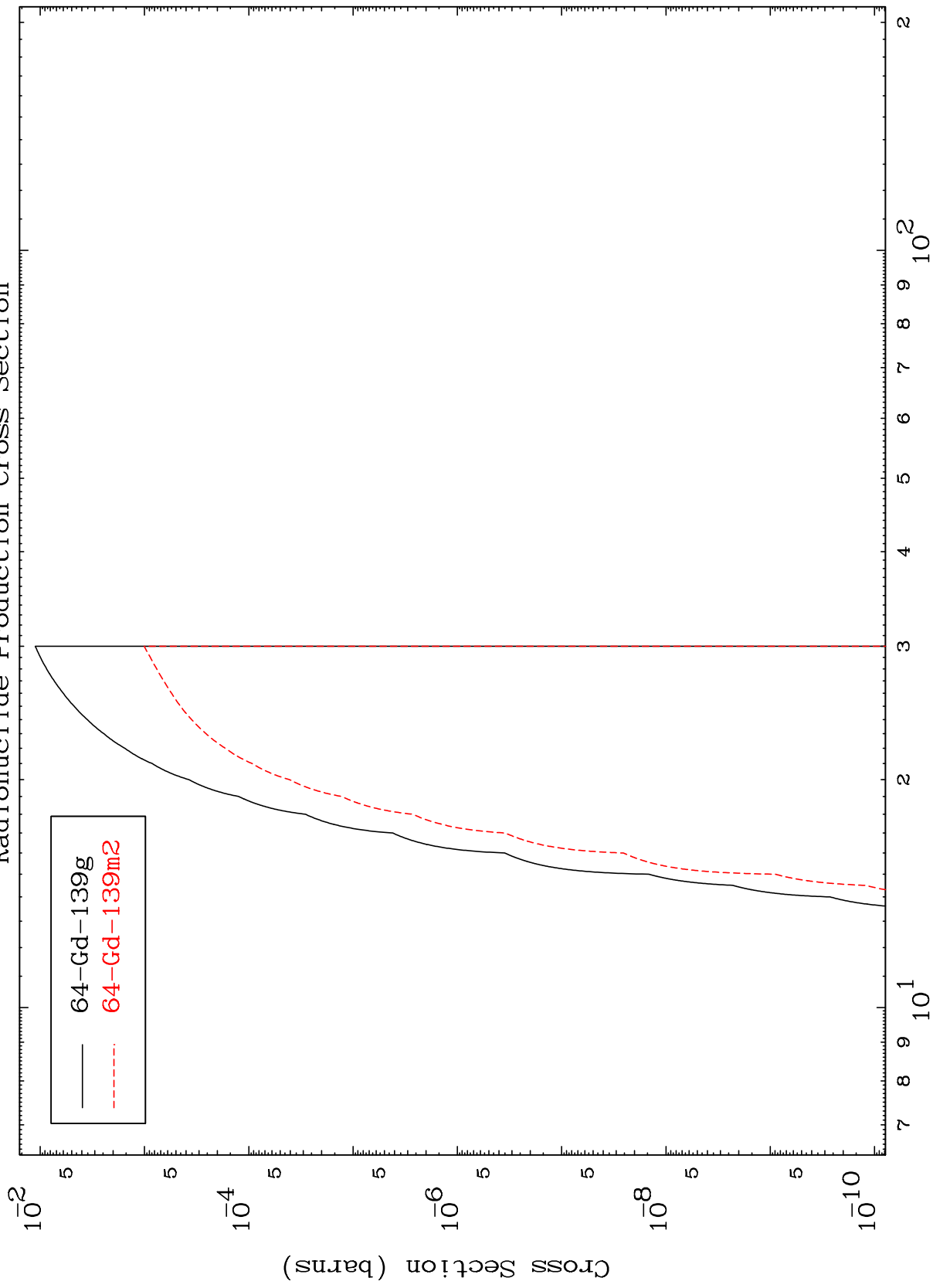


MAT 6583

(n,p) t

66-Dy-142

Radionuclide Production Cross Section



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Incident Energy (MeV)

66-Dy-142