

Program EVALPLOT
(Version 2018-1)

by

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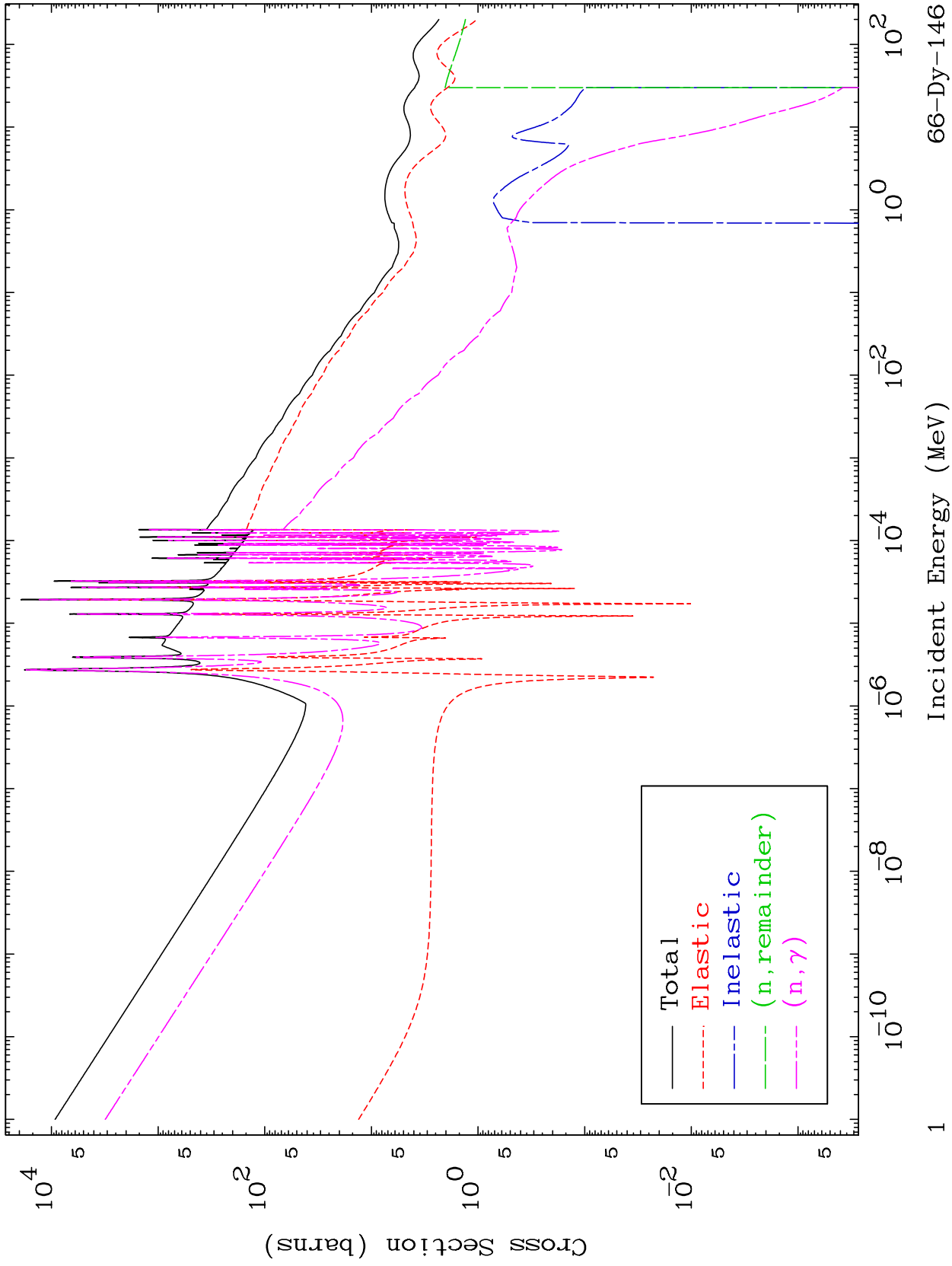
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6595

Major
293 Kelvin Cross Sections

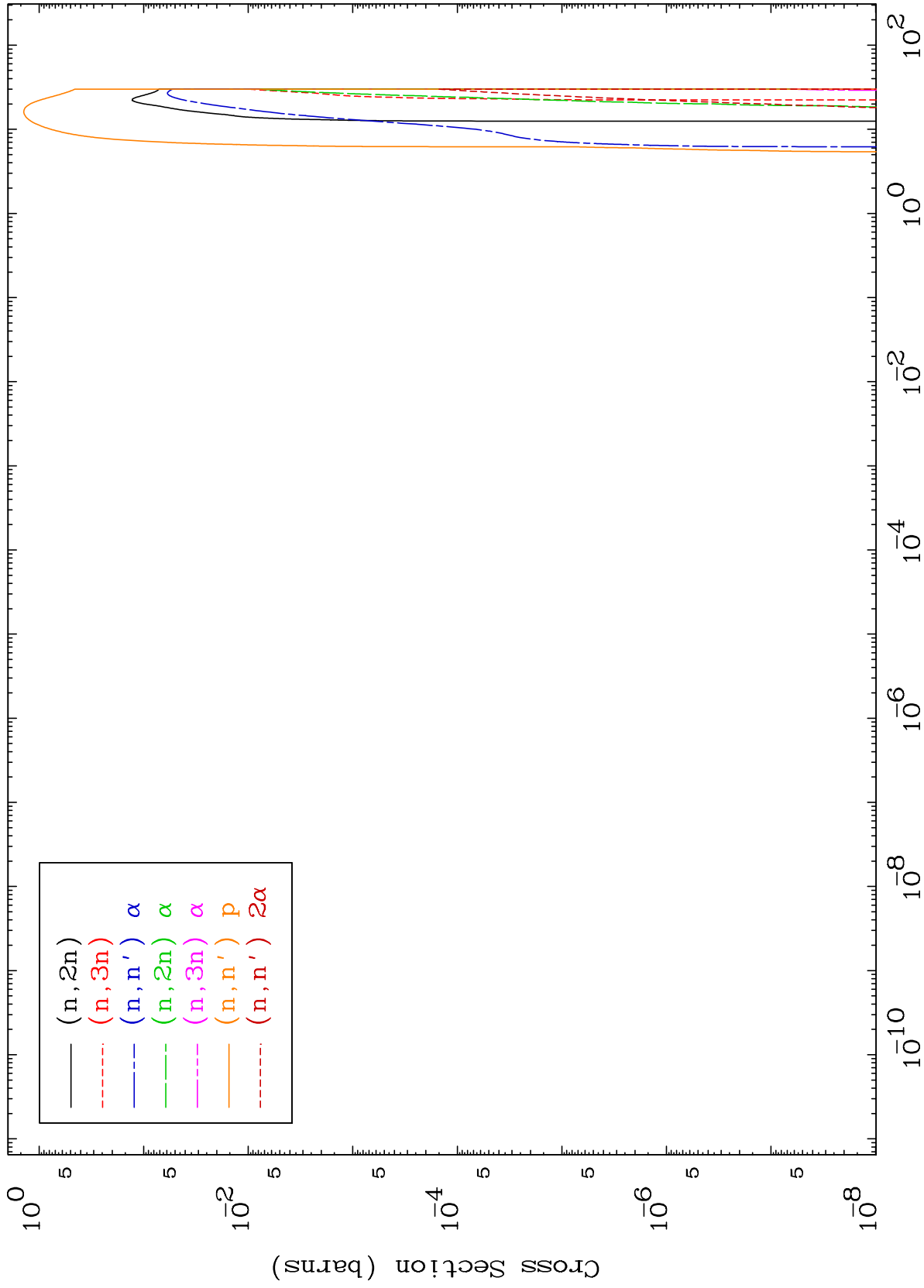
66-Dy-146



MAT 6595

Neutron Production
293 Kelvin Cross Sections

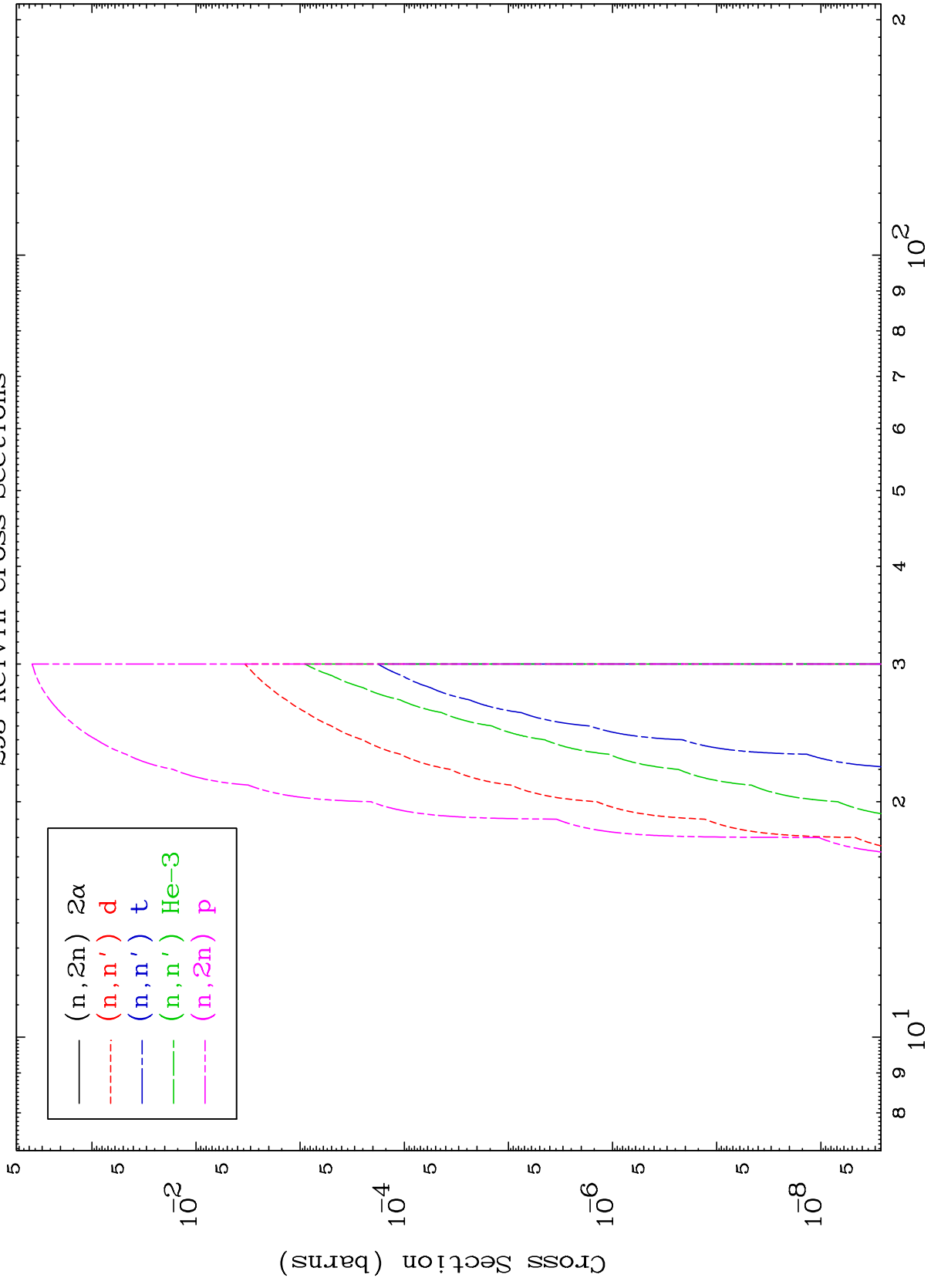
66-Dy-146



2

Incident Energy (MeV)

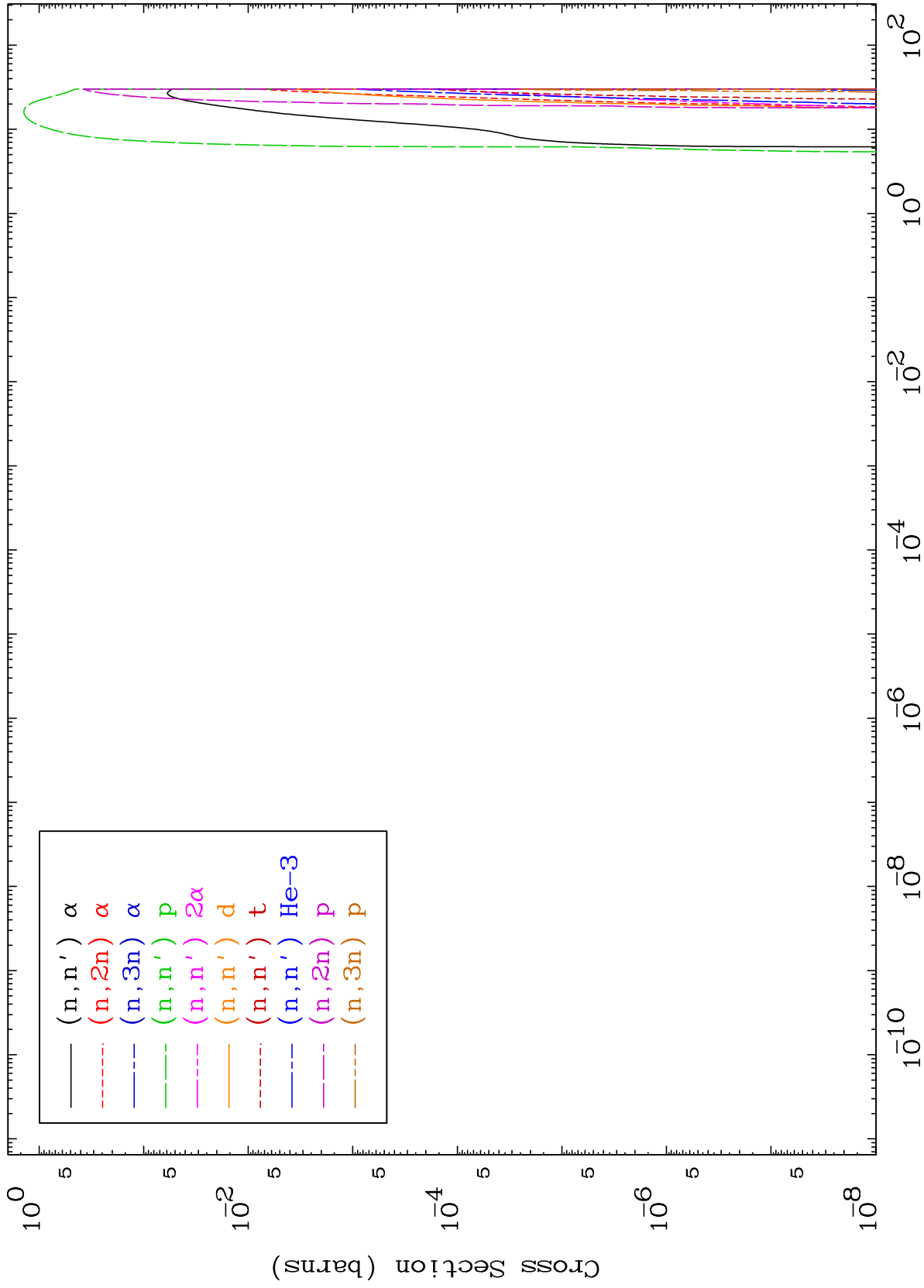
66-Dy-146



MAT 6595

293 Kelvin Cross Sections

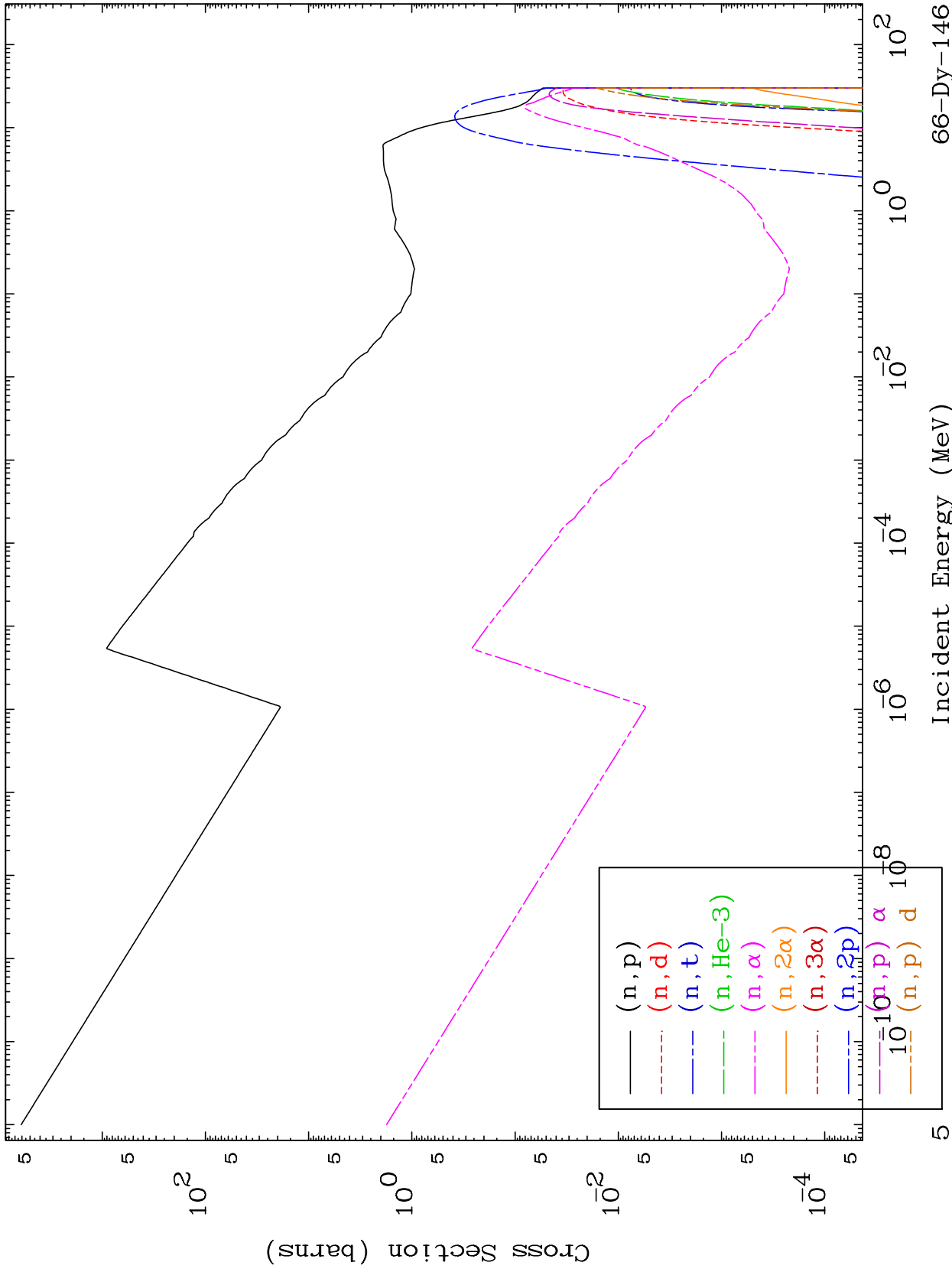
66-Dy-146



MAT 6595

Charged Particle
293 Kelvin Cross Sections

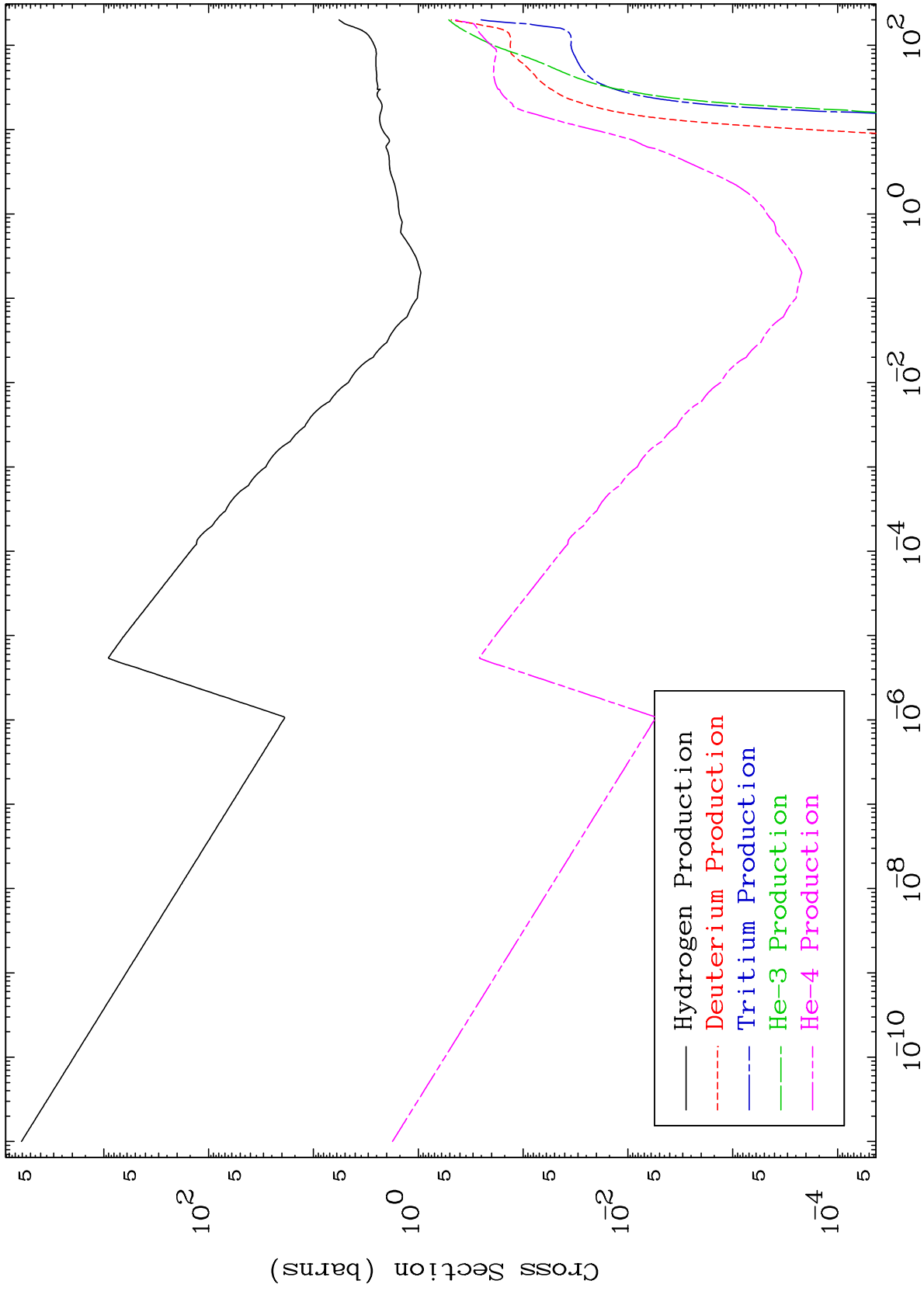
66-Dy-146



MAT 6595

Particle Production
293 Kelvin Cross Sections

66-Dy-146



6

Incident Energy (MeV)

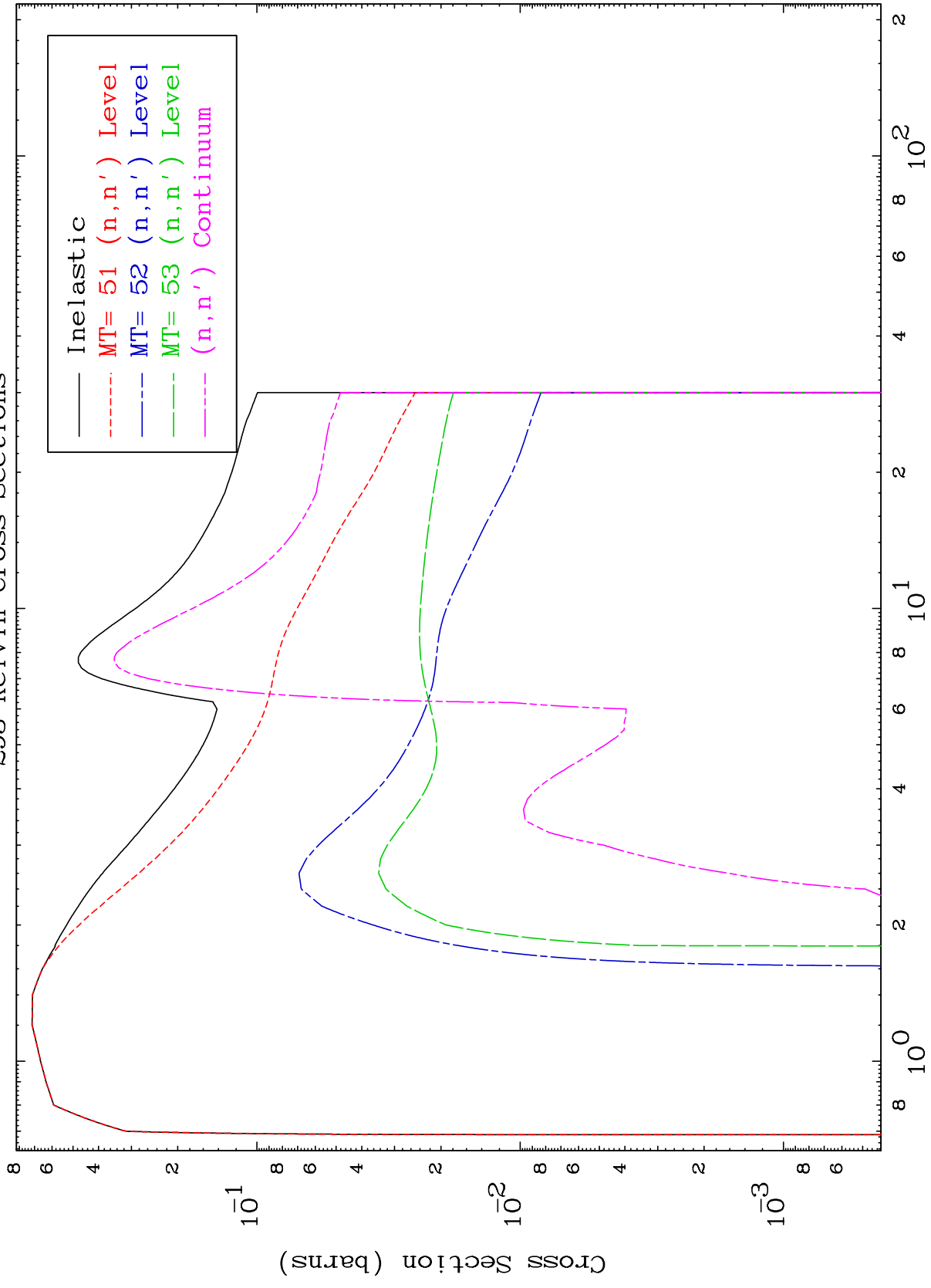
66-Dy-146

MAT 6595

(n,n') Level

66-Dy-146

293 Kelvin Cross Sections



7

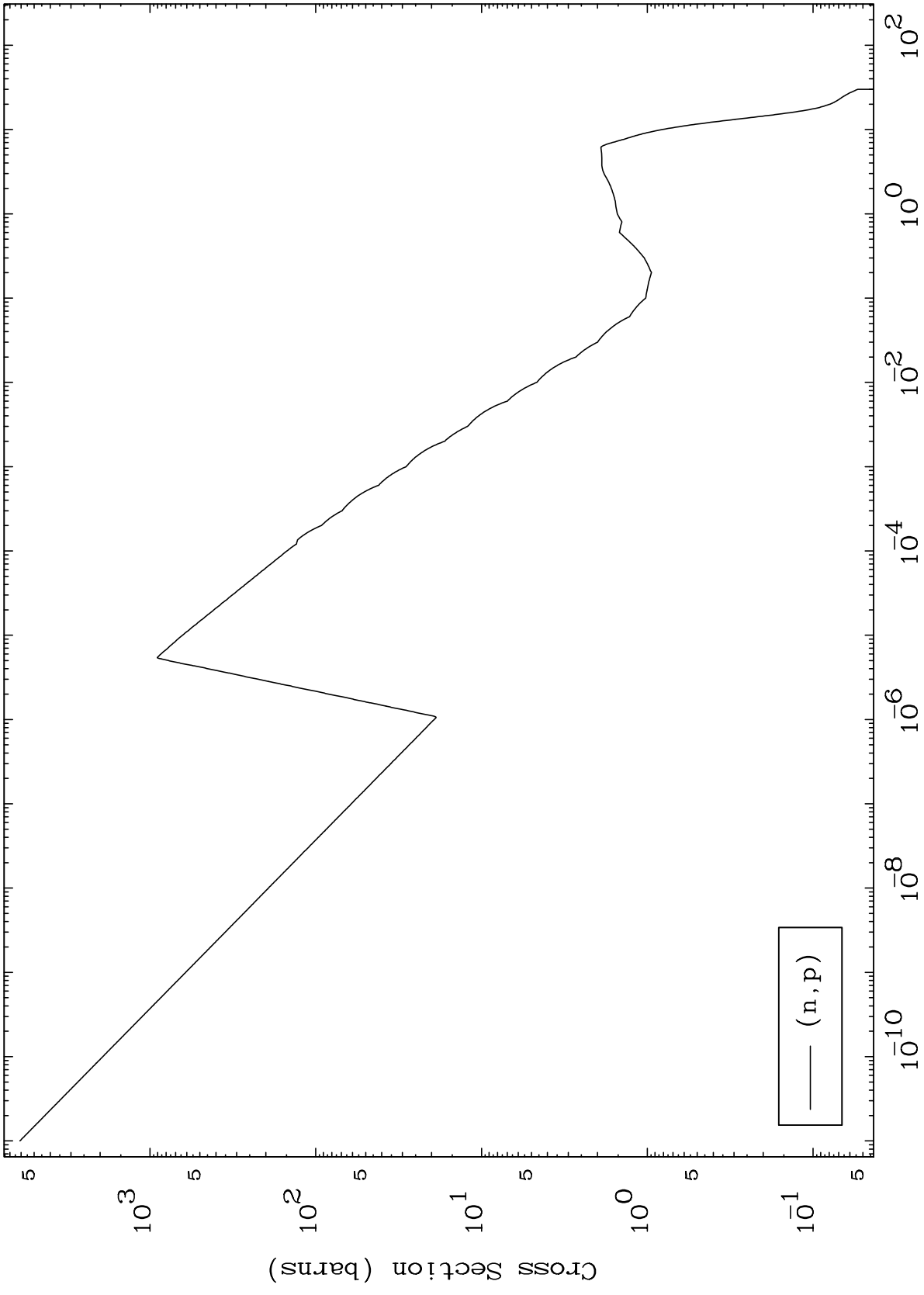
Incident Energy (MeV)

66-Dy-146

MAT 6595

(n,p) Levels
293 Kelvin Cross Sections

66-Dy-146

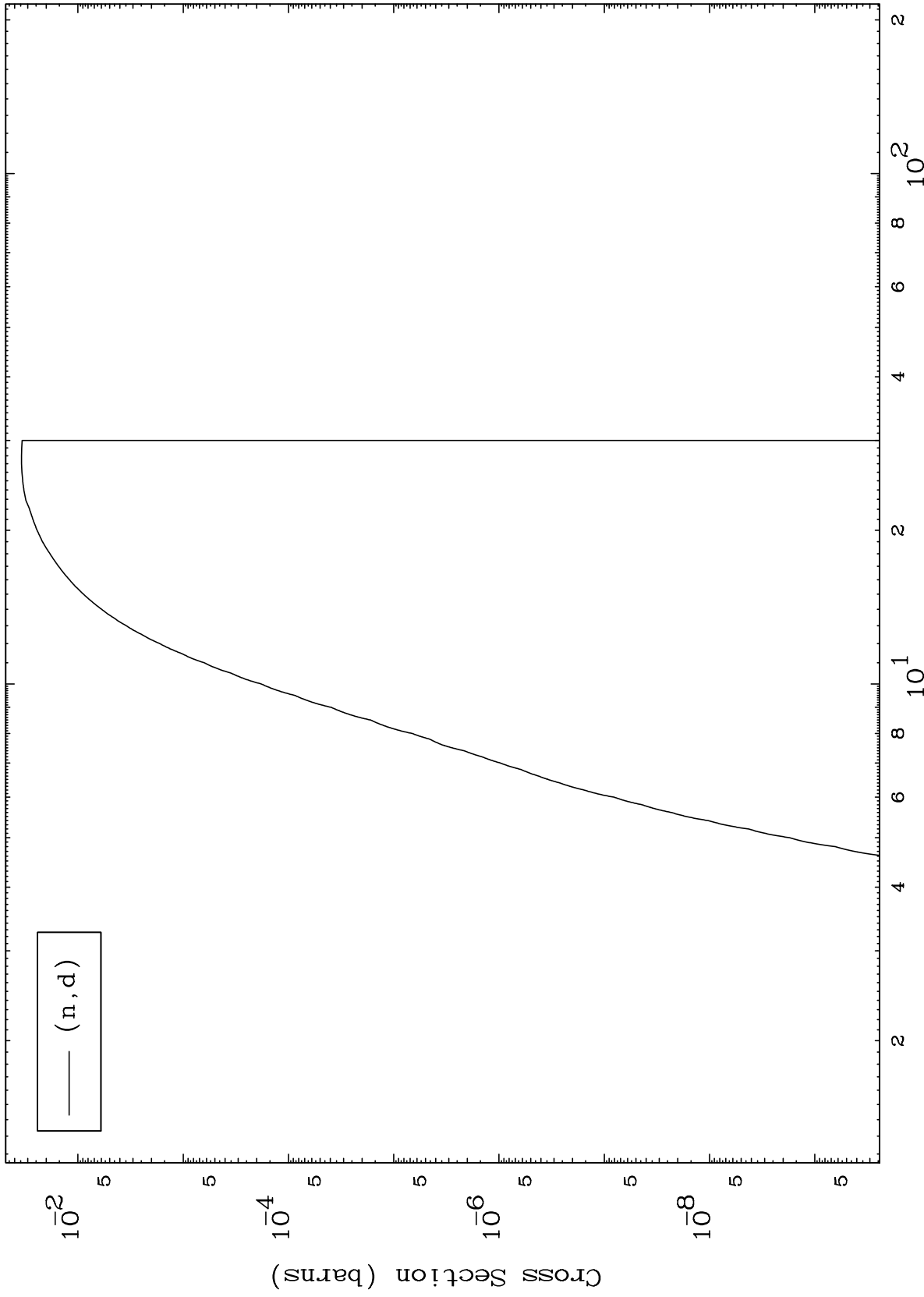


66-Dy-146

MAT 6595

(n,d) Levels
293 Kelvin Cross Sections

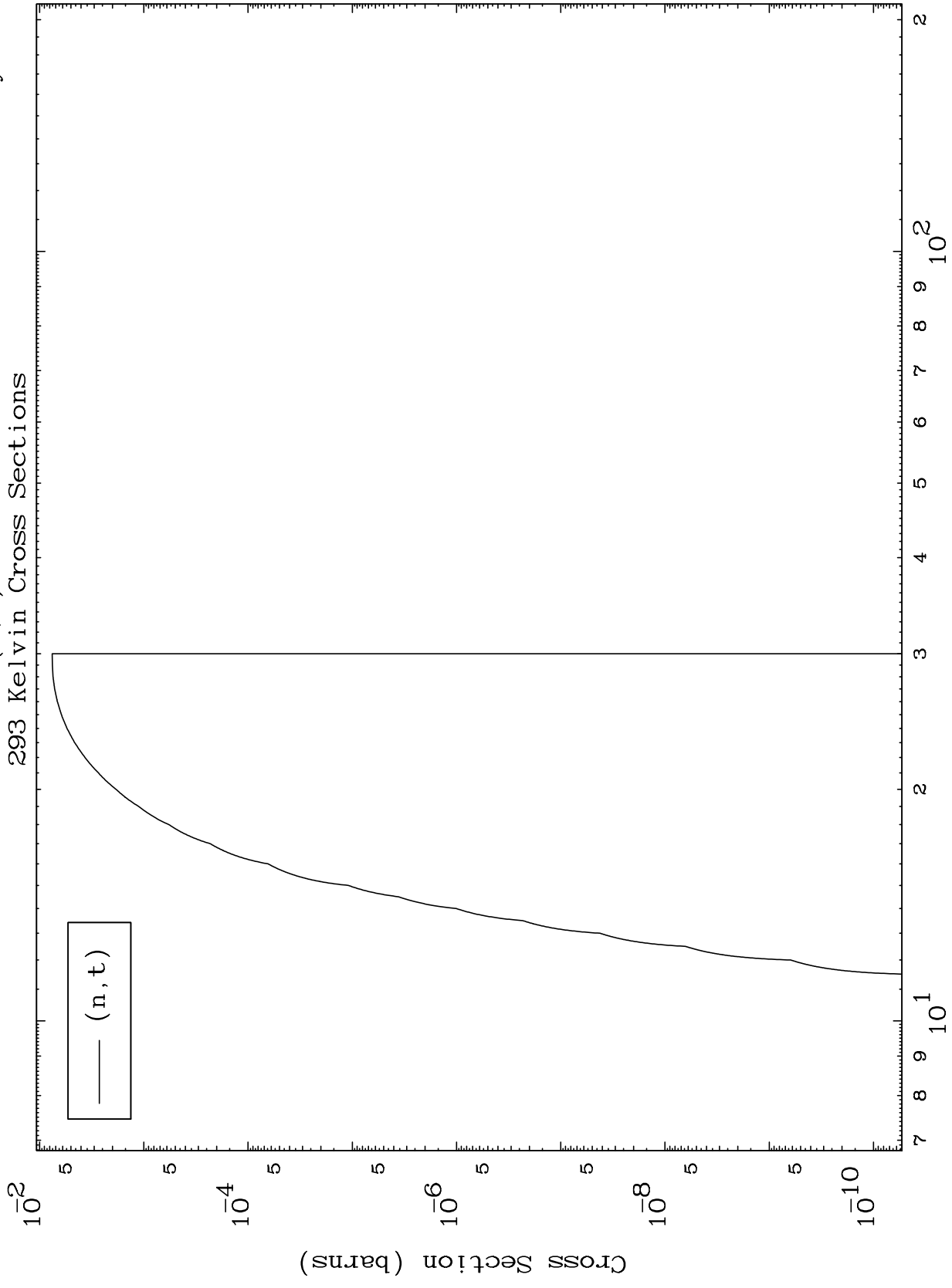
66-Dy-146



MAT 6595

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-146



10

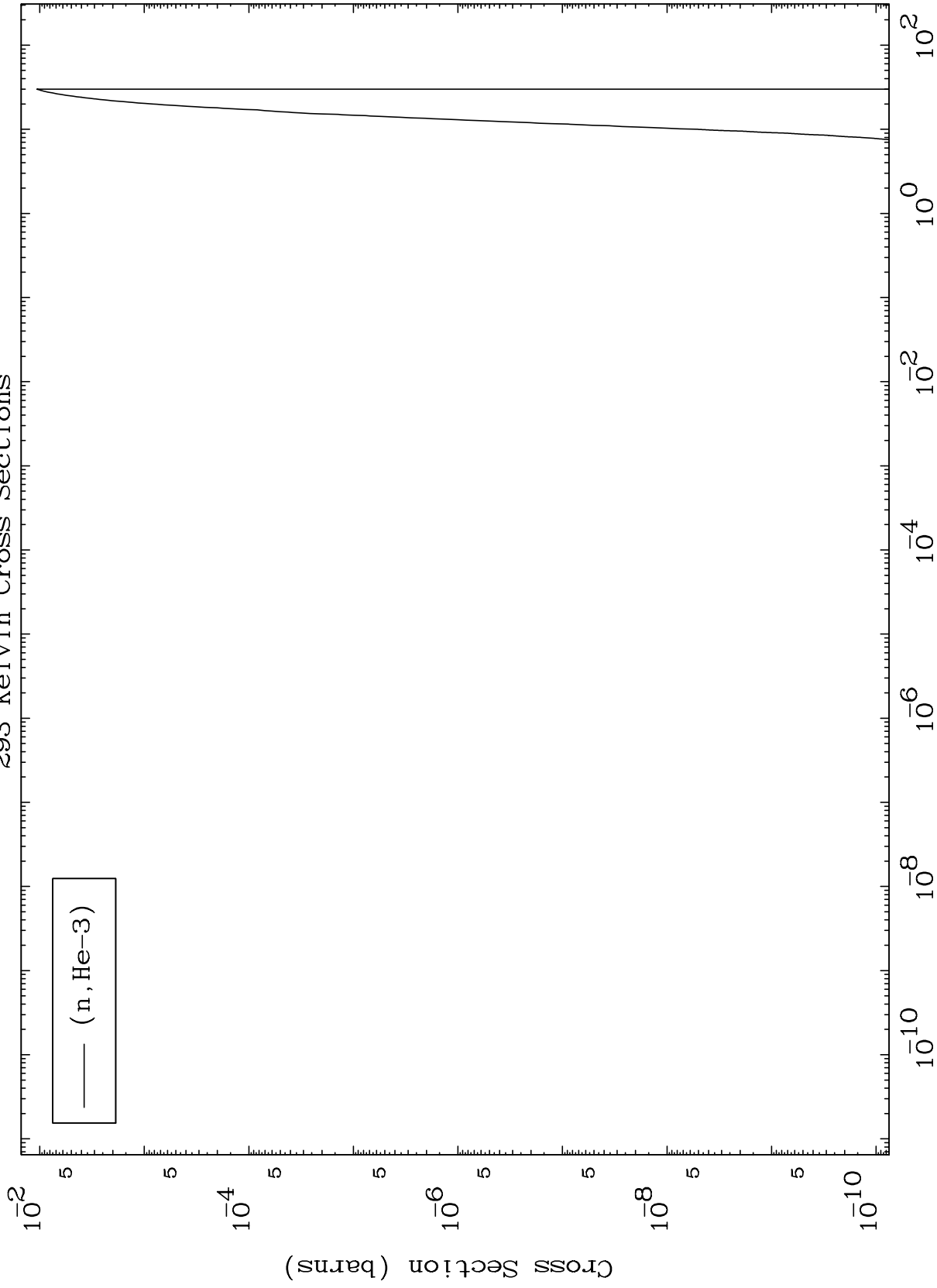
Incident Energy (MeV)

66-Dy-146

MAT 6595

(n,He3) Levels
293 Kelvin Cross Sections

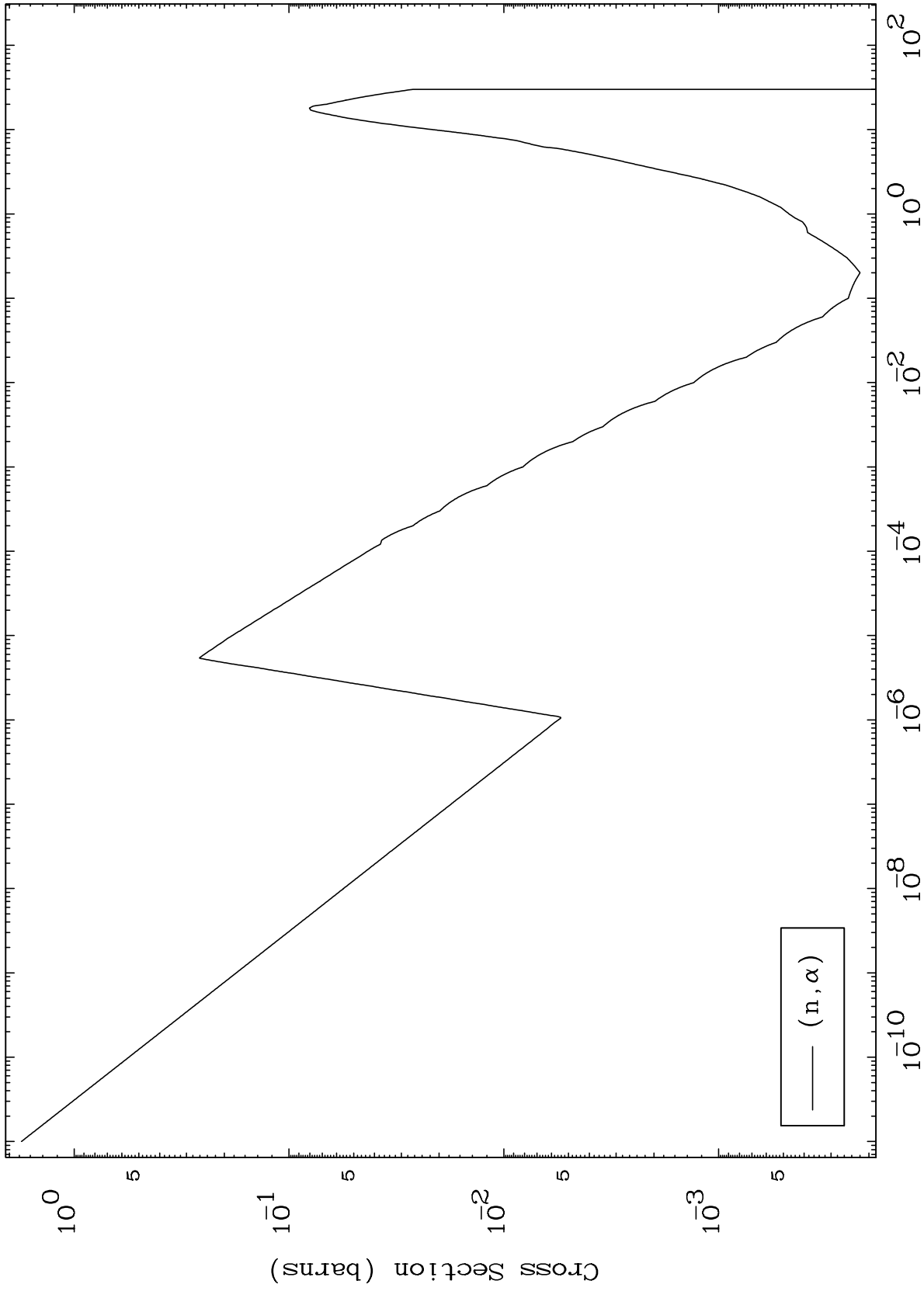
66-Dy-146



MAT 6595

(n,α) Levels
293 Kelvin Cross Sections

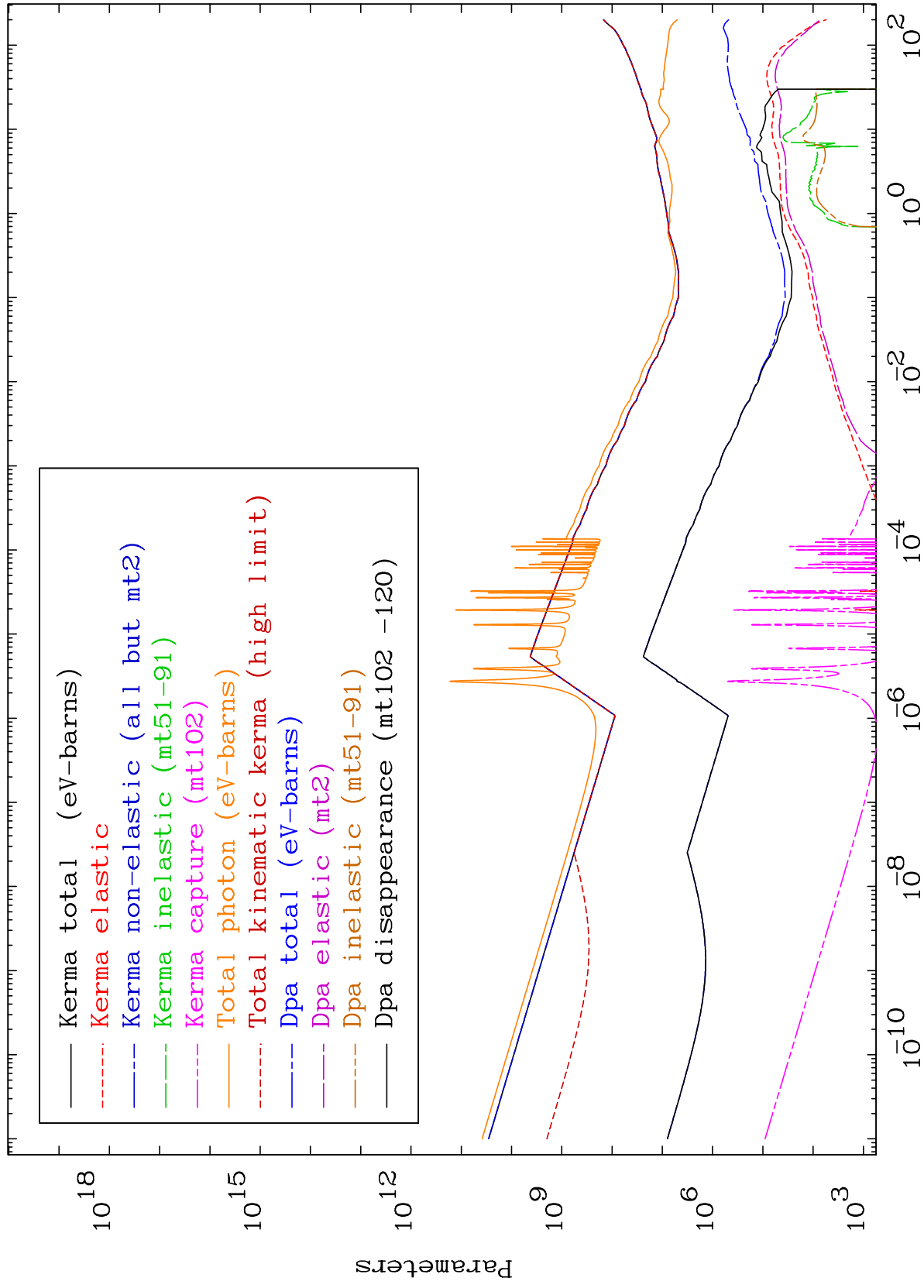
66-Dy-146



12

Incident Energy (MeV)

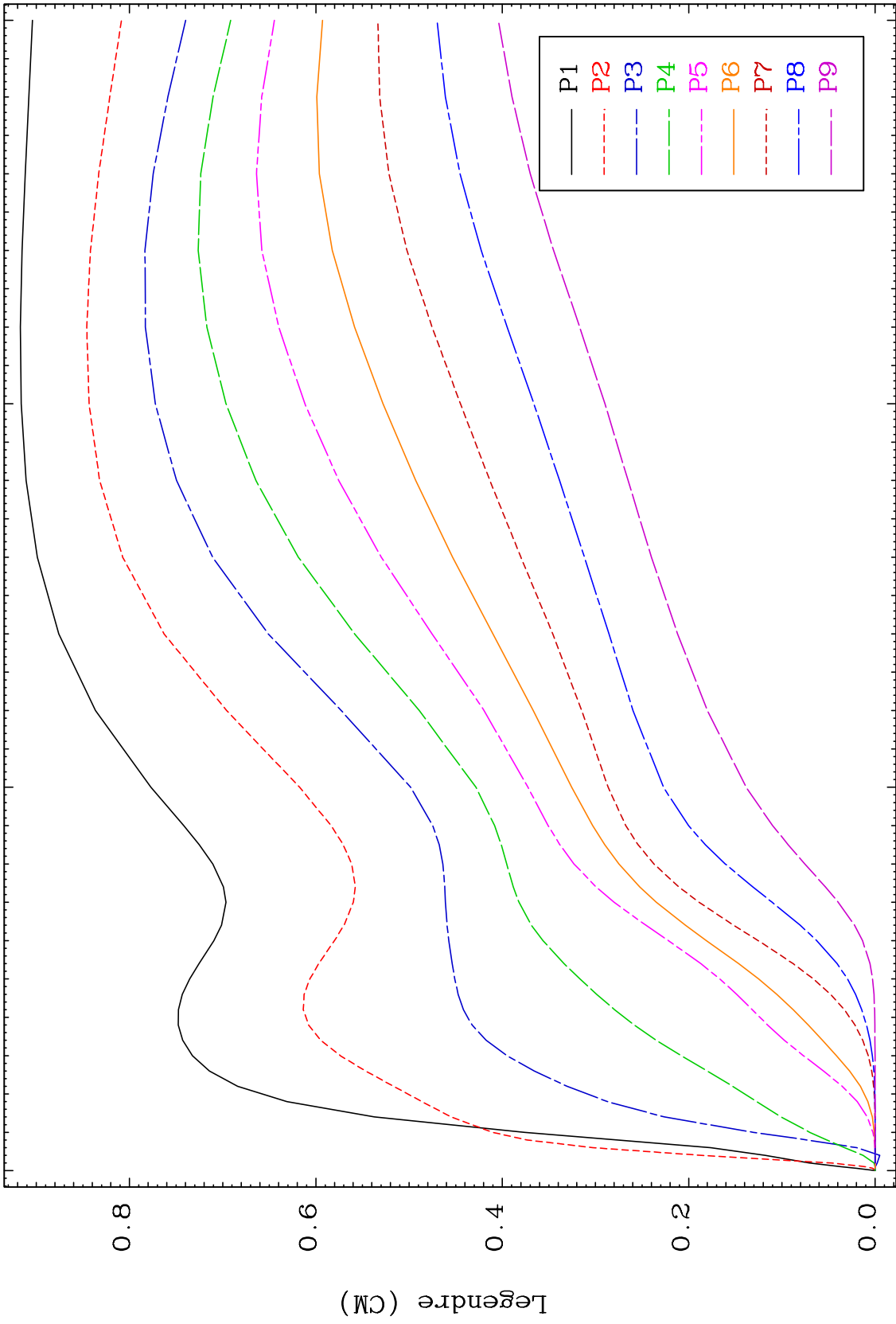
66-Dy-146



MAT 6595

Elastic Legendre Coefficients

66-Dy-146



14

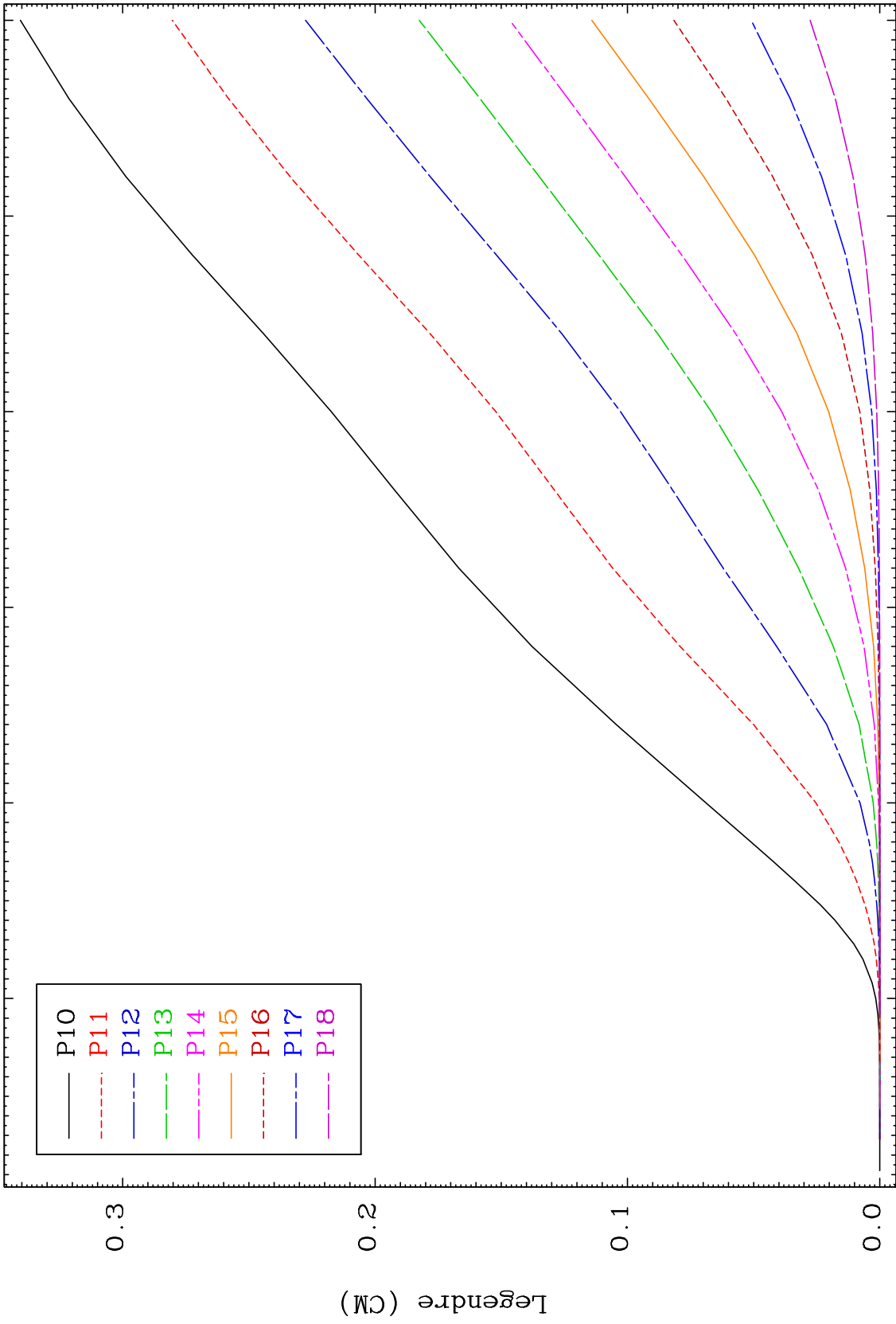
Incident Energy (MeV)

66-Dy-146

MAT 6595

Elastic Legendre Coefficients

66-Dy-146



15

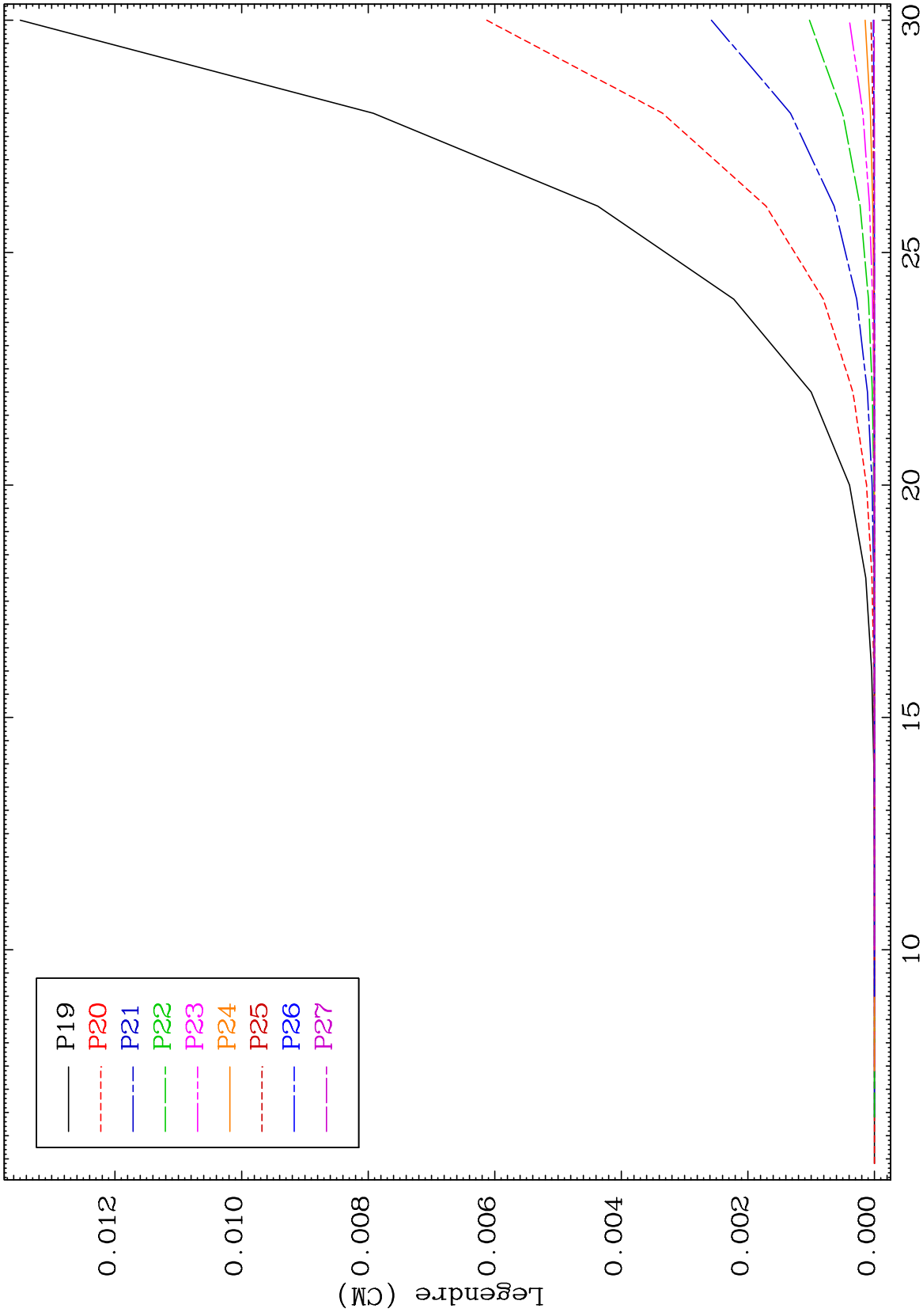
Incident Energy (MeV)

66-Dy-146

MAT 6595

Elastic Legendre Coefficients

66-Dy-146



16

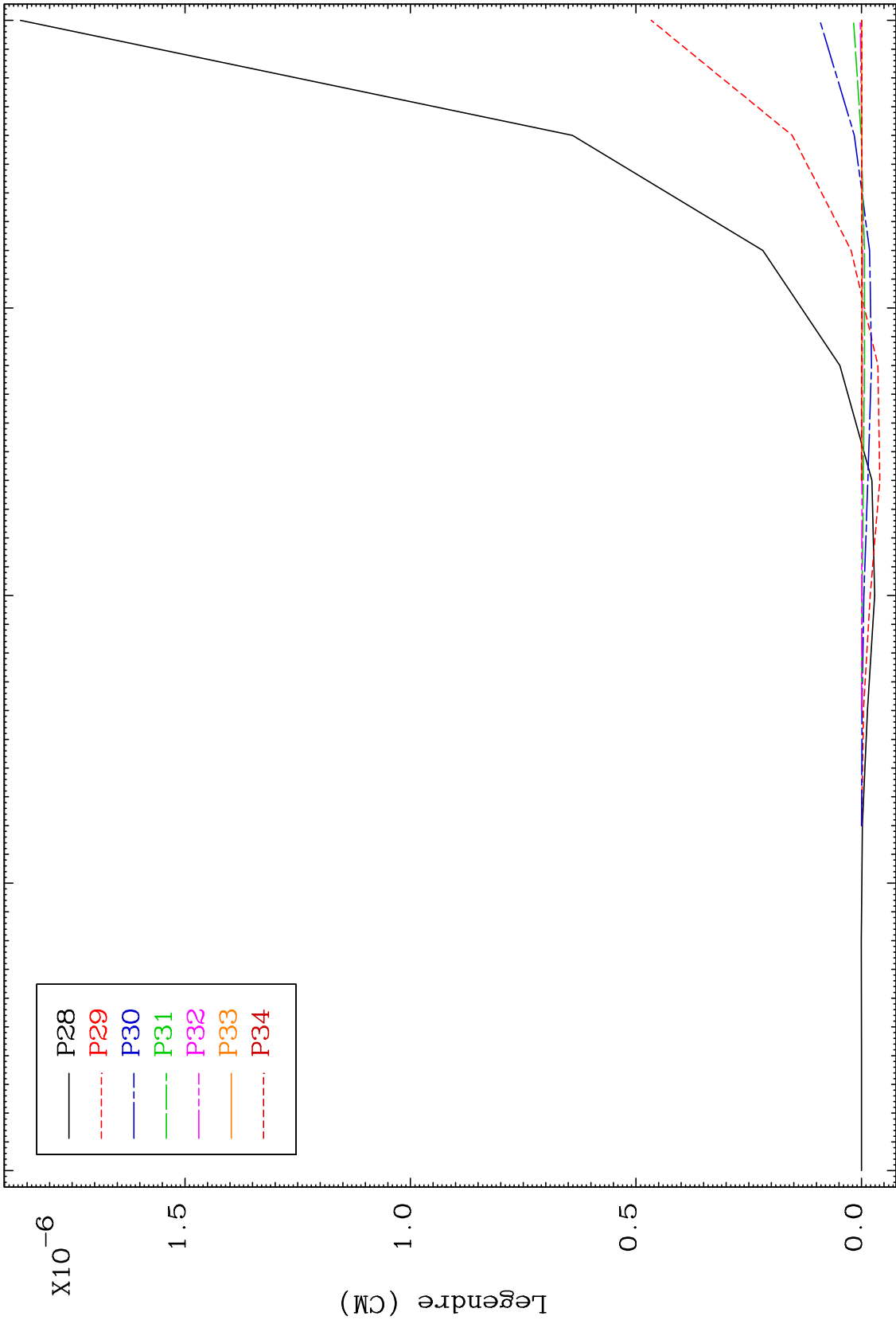
Incident Energy (MeV)

66-Dy-146

MAT 6595

Elastic Legendre Coefficients

66-Dy-146



17

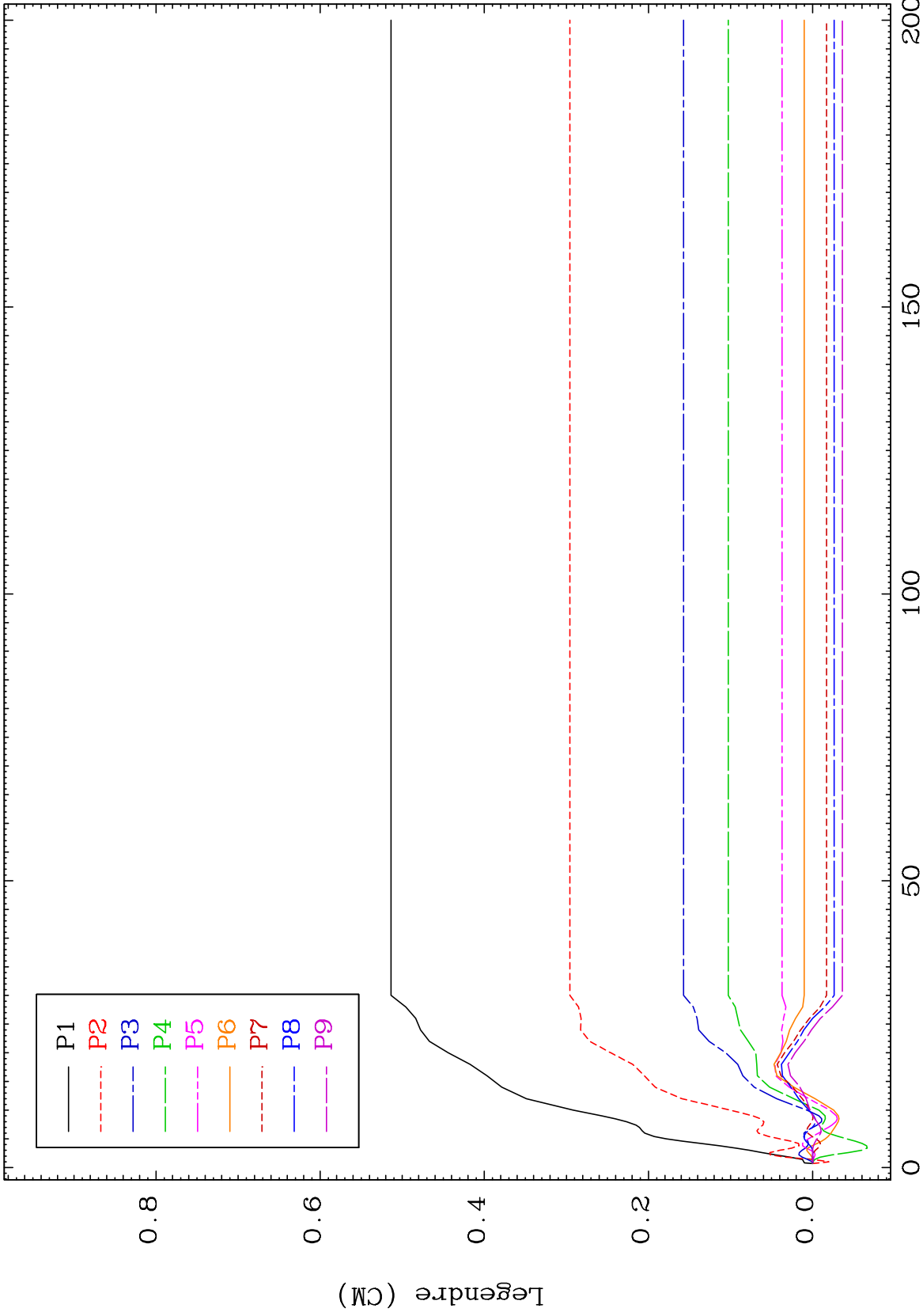
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



18

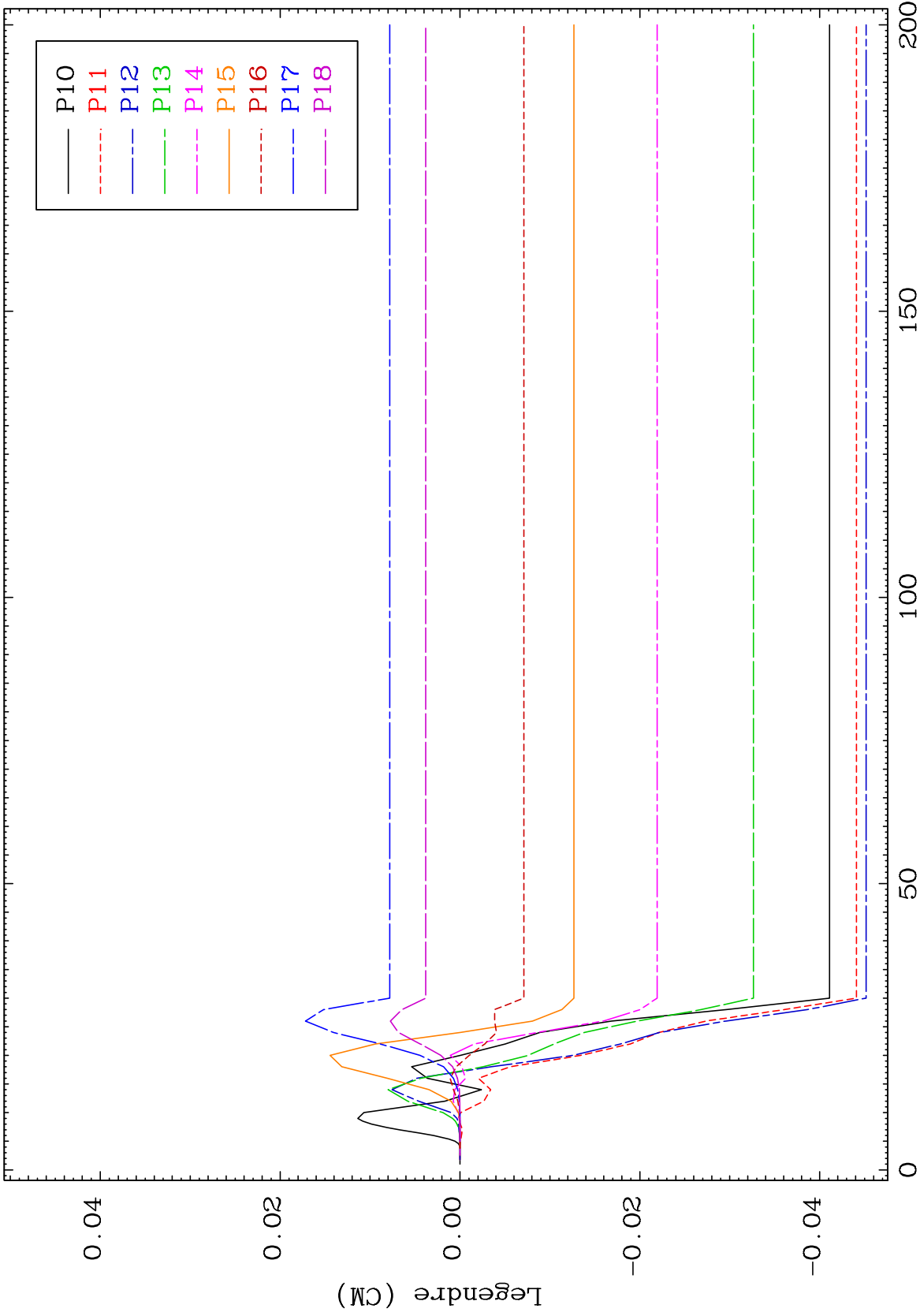
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



19

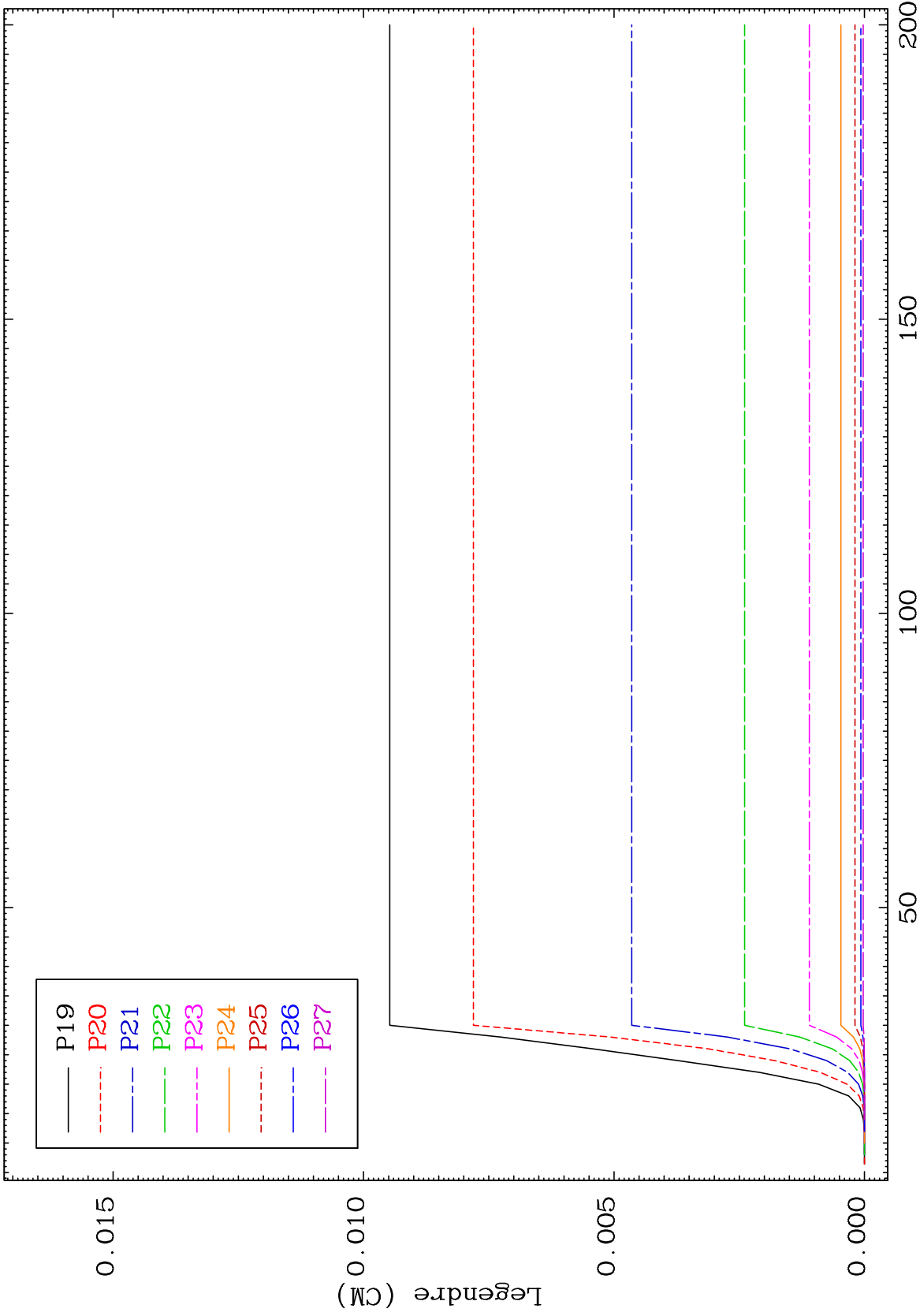
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



20

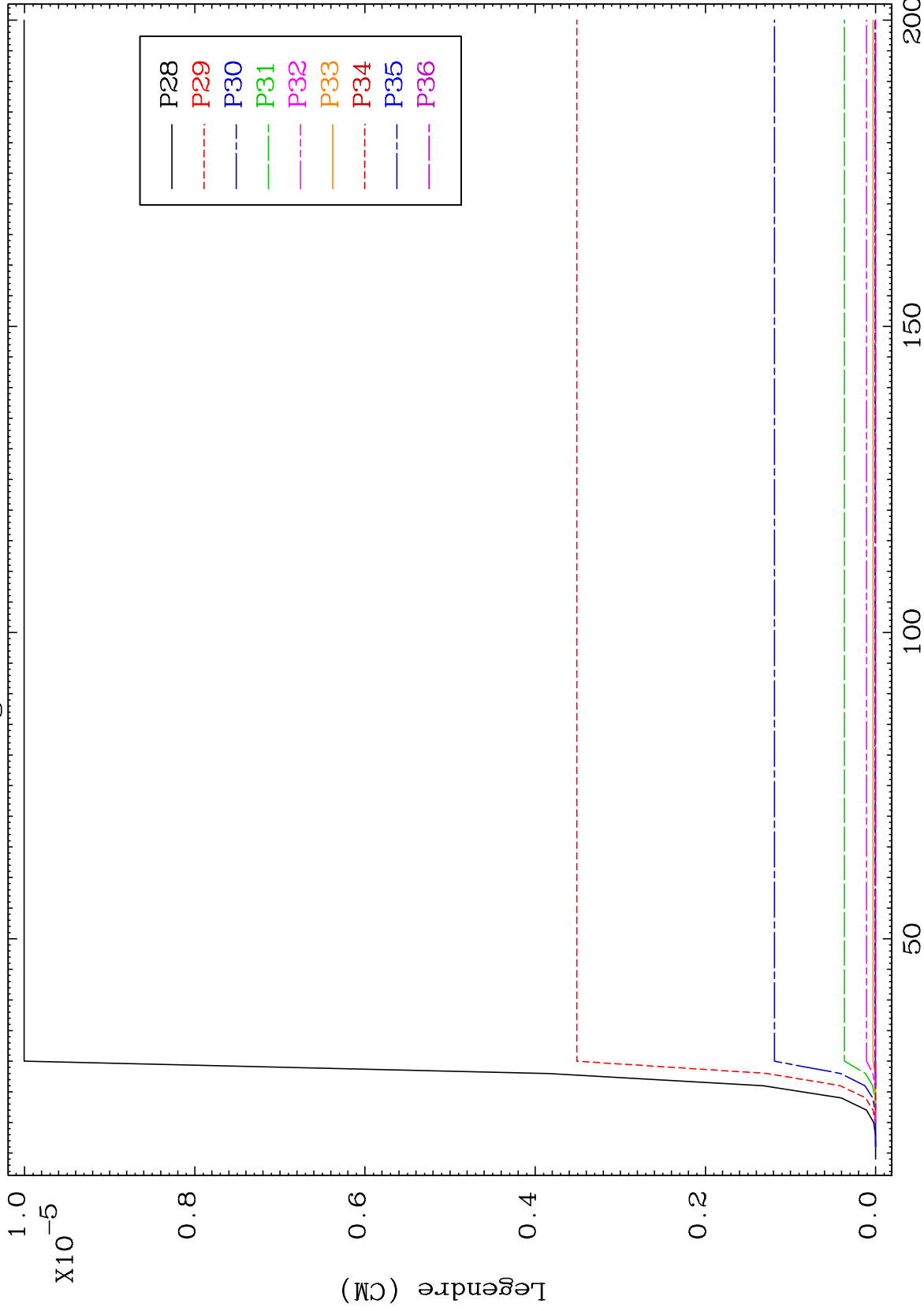
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



21

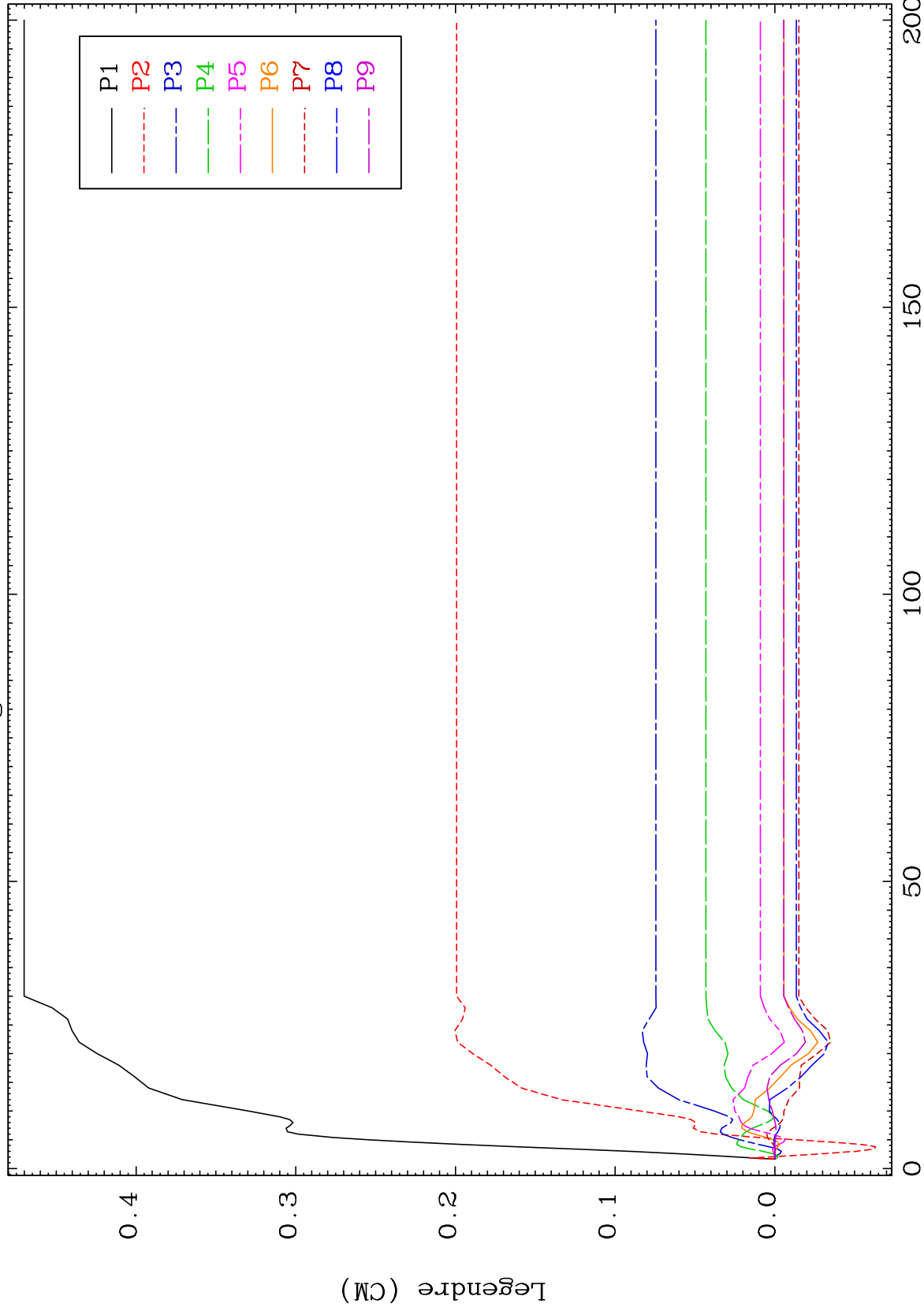
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



22

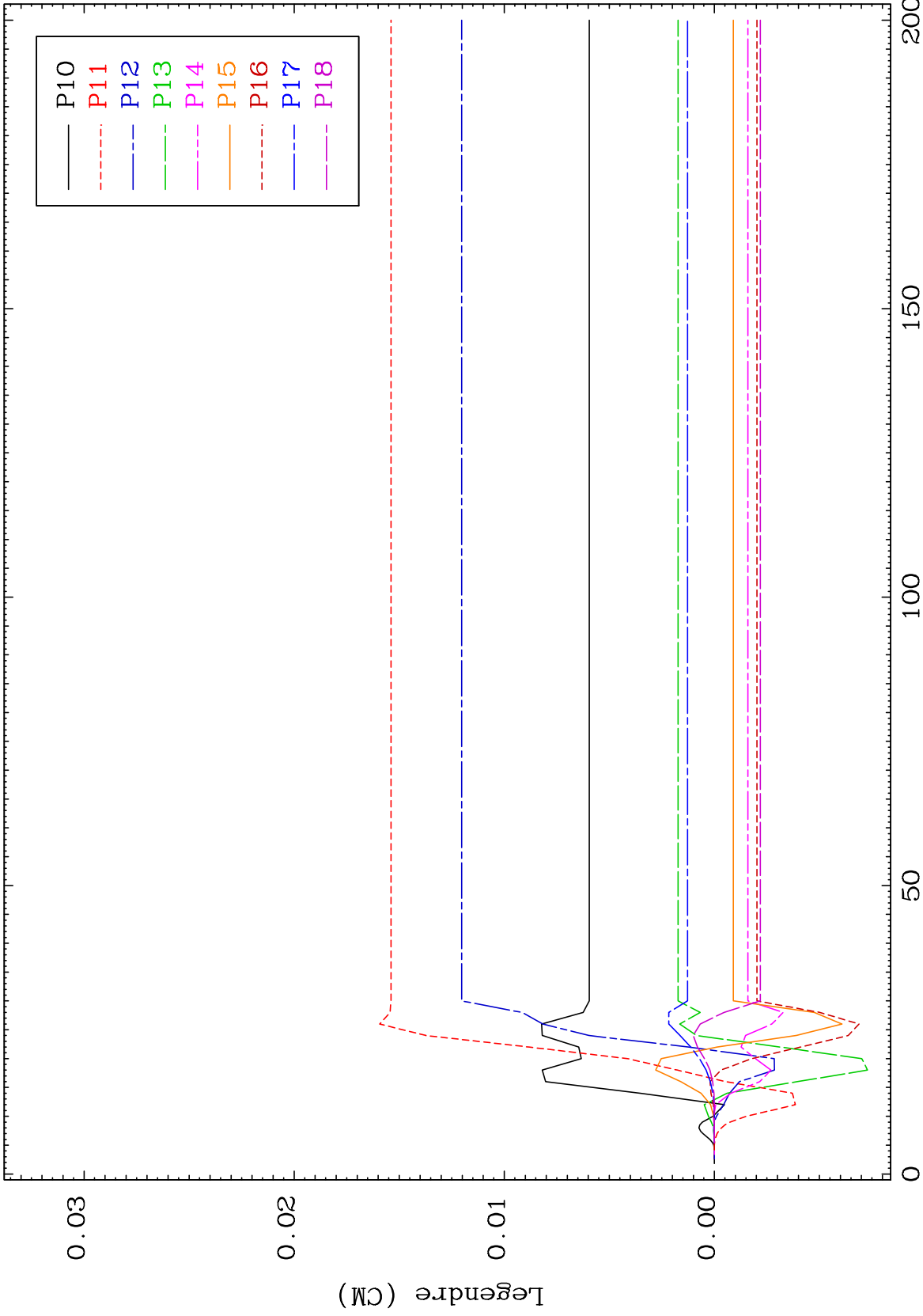
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



23

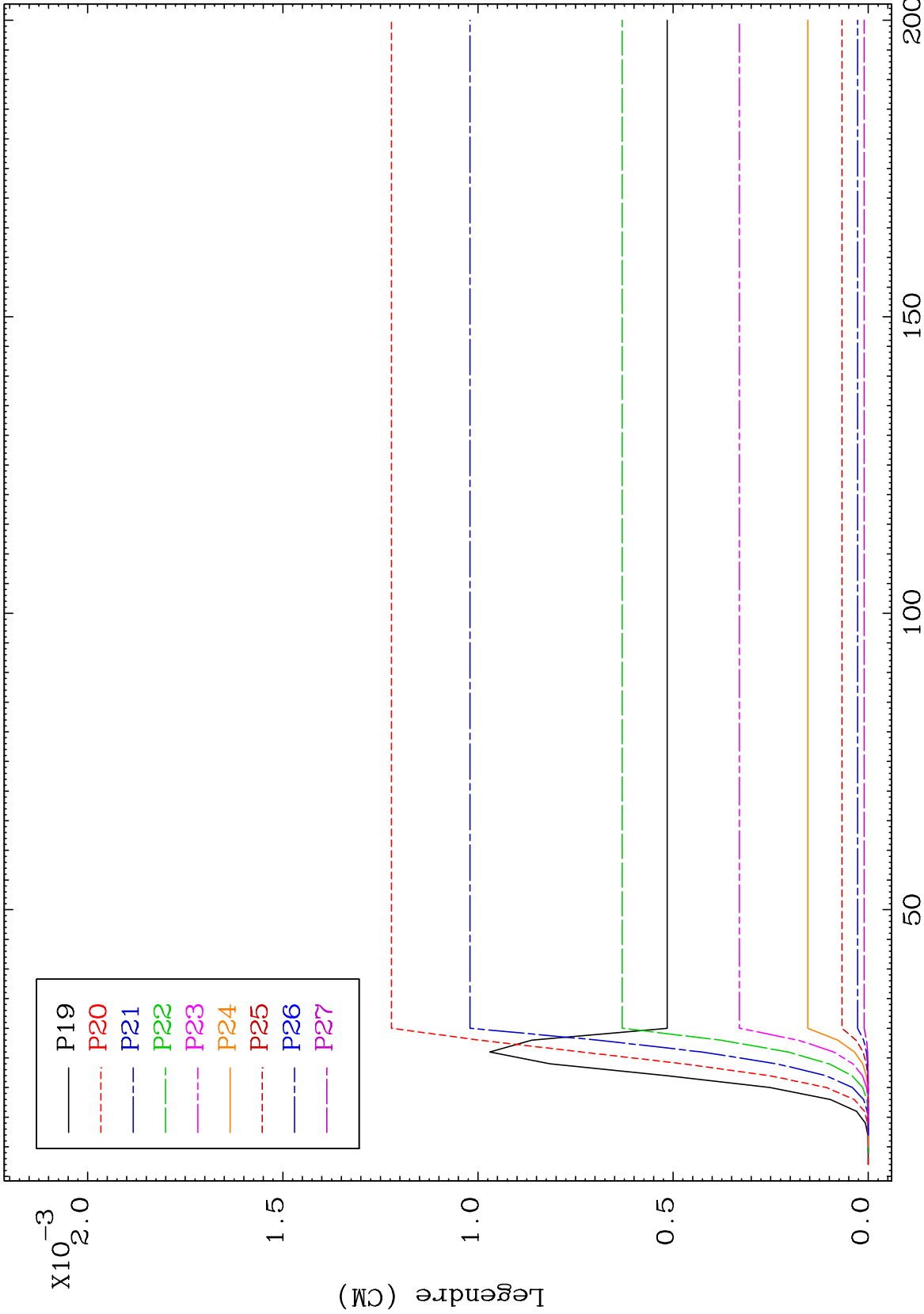
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



24

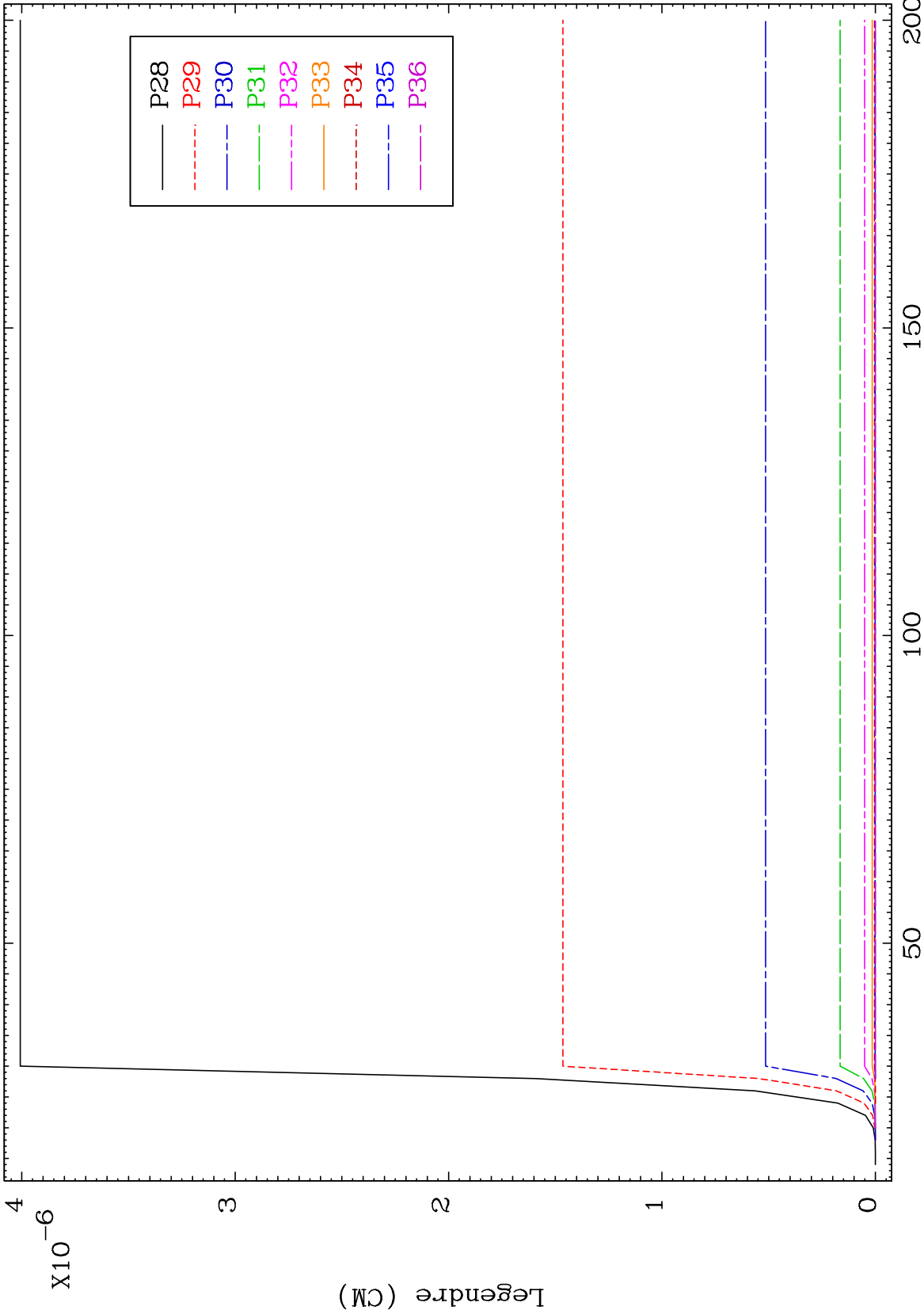
Incident Energy (MeV)

66-Dy-146

MAT 6595

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

66-Dy-146



25

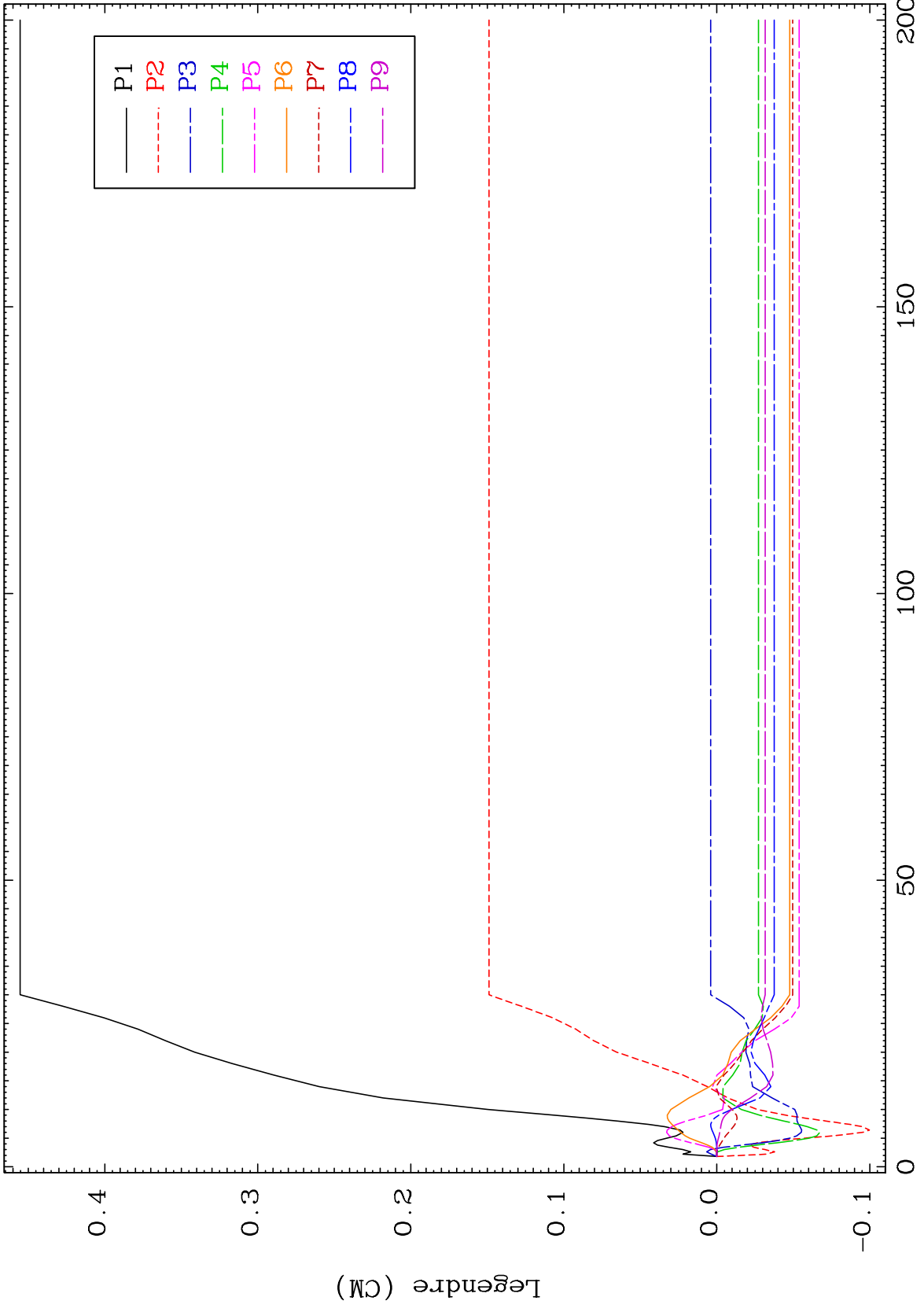
Incident Energy (MeV)

66-Dy-146

MAT 6595

MT= 53 (n,n') Level
Legendre Coefficients

66-Dy-146



26

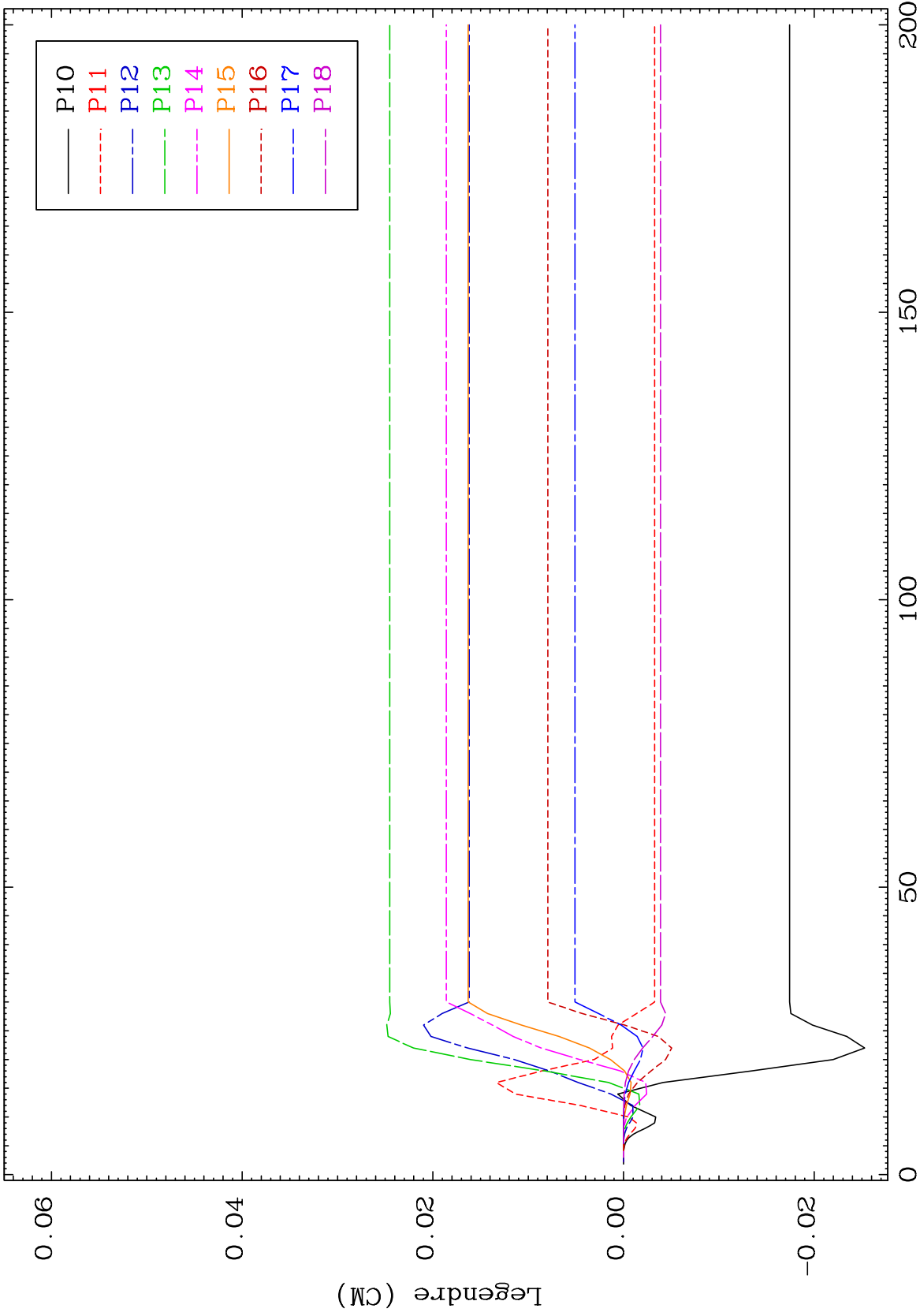
Incident Energy (MeV)

66-Dy-146

MAT 6595

MT= 53 (n,n') Level
Legendre Coefficients

66-Dy-146



27

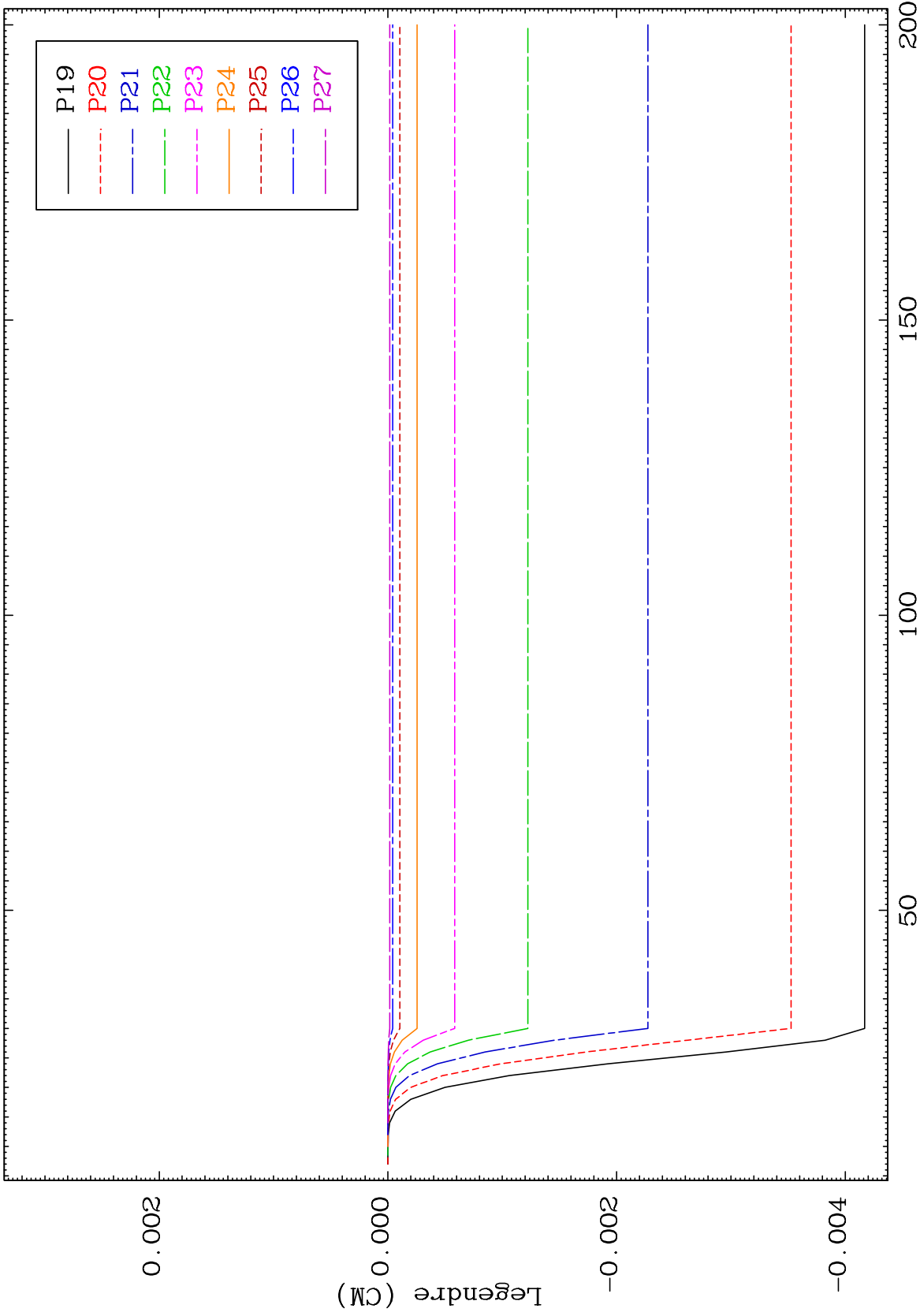
Incident Energy (MeV)

66-Dy-146

MAT 6595

MT= 53 (n,n') Level
Legendre Coefficients

66-Dy-146



28

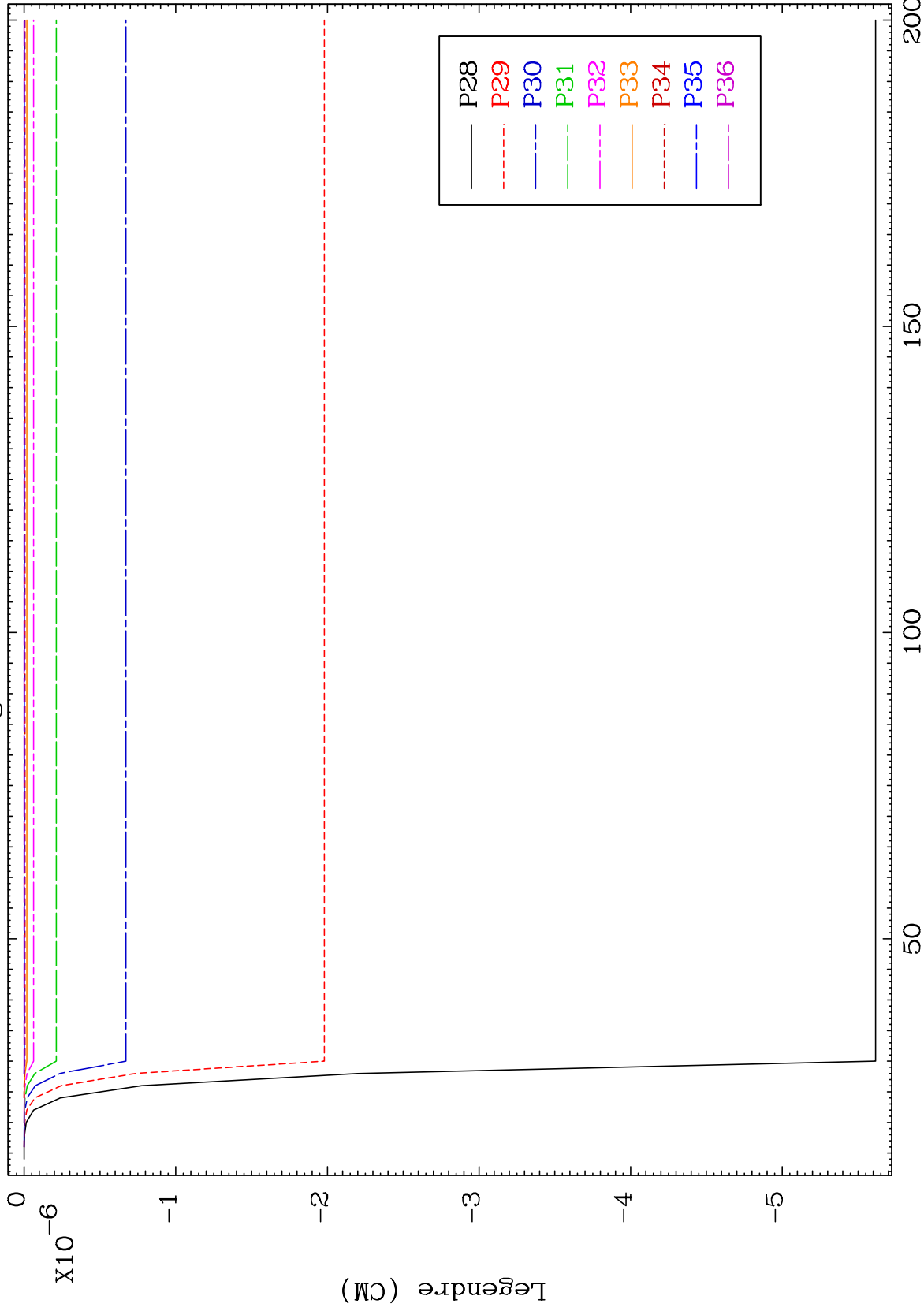
Incident Energy (MeV)

66-Dy-146

MAT 6595

MT= 53 (n,n') Level
Legendre Coefficients

66-Dy-146



29

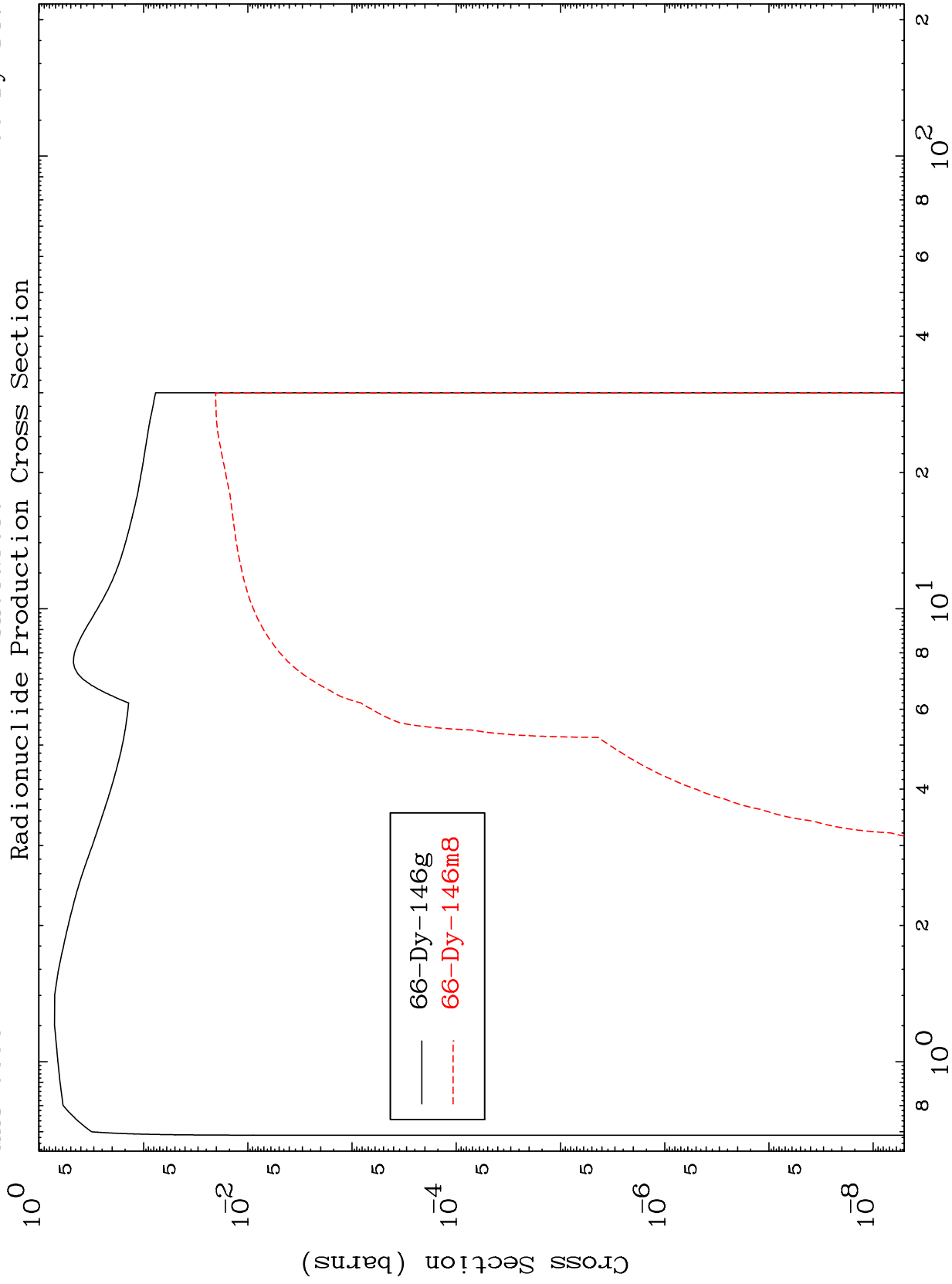
Incident Energy (MeV)

66-Dy-146

MAT 6595

66-Dy-146

Inelastic
Radionuclide Production Cross Section



30

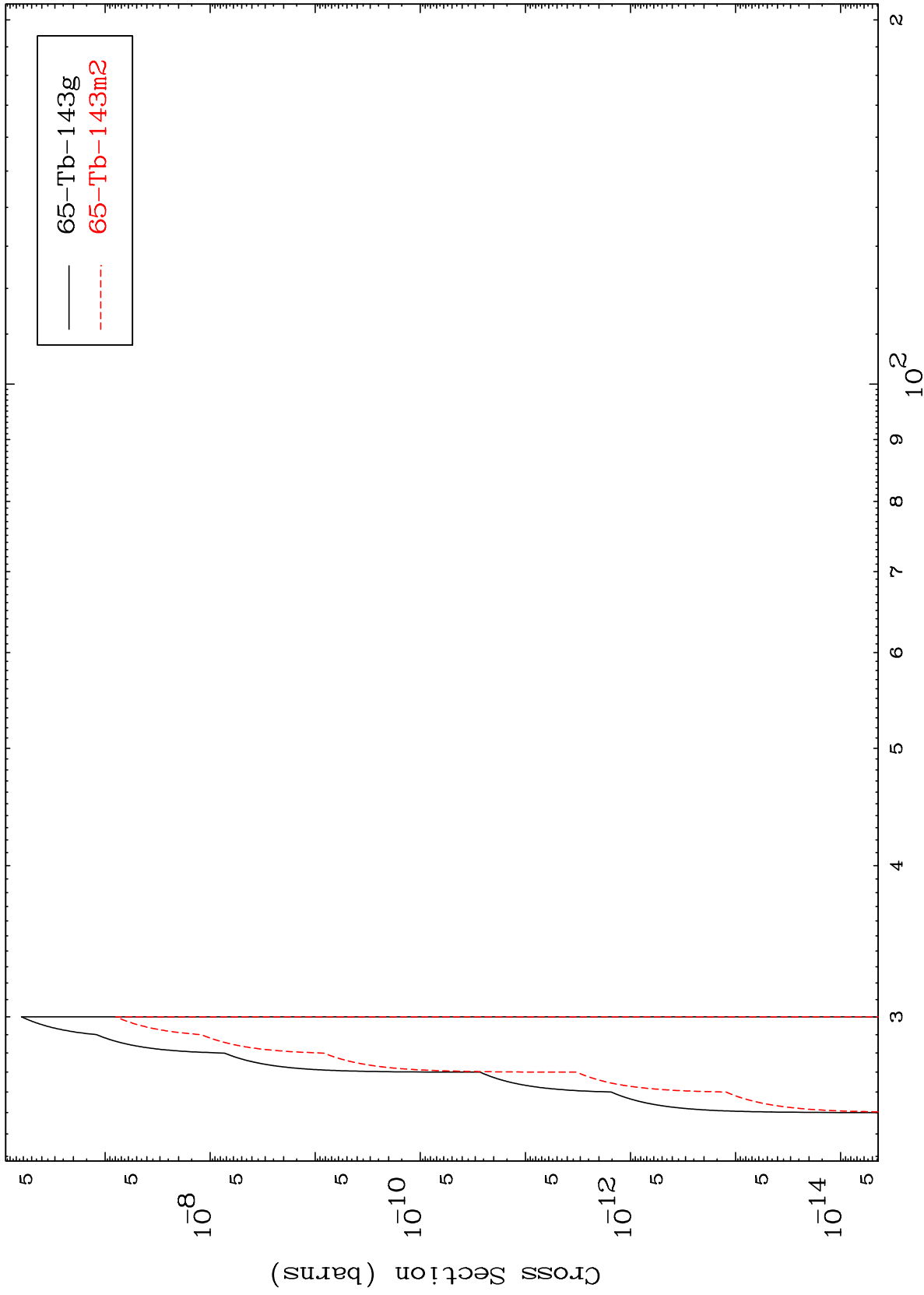
66-Dy-146

MAT 6595

(n,2n) d

66-Dy-146

Radionuclide Production Cross Section



31

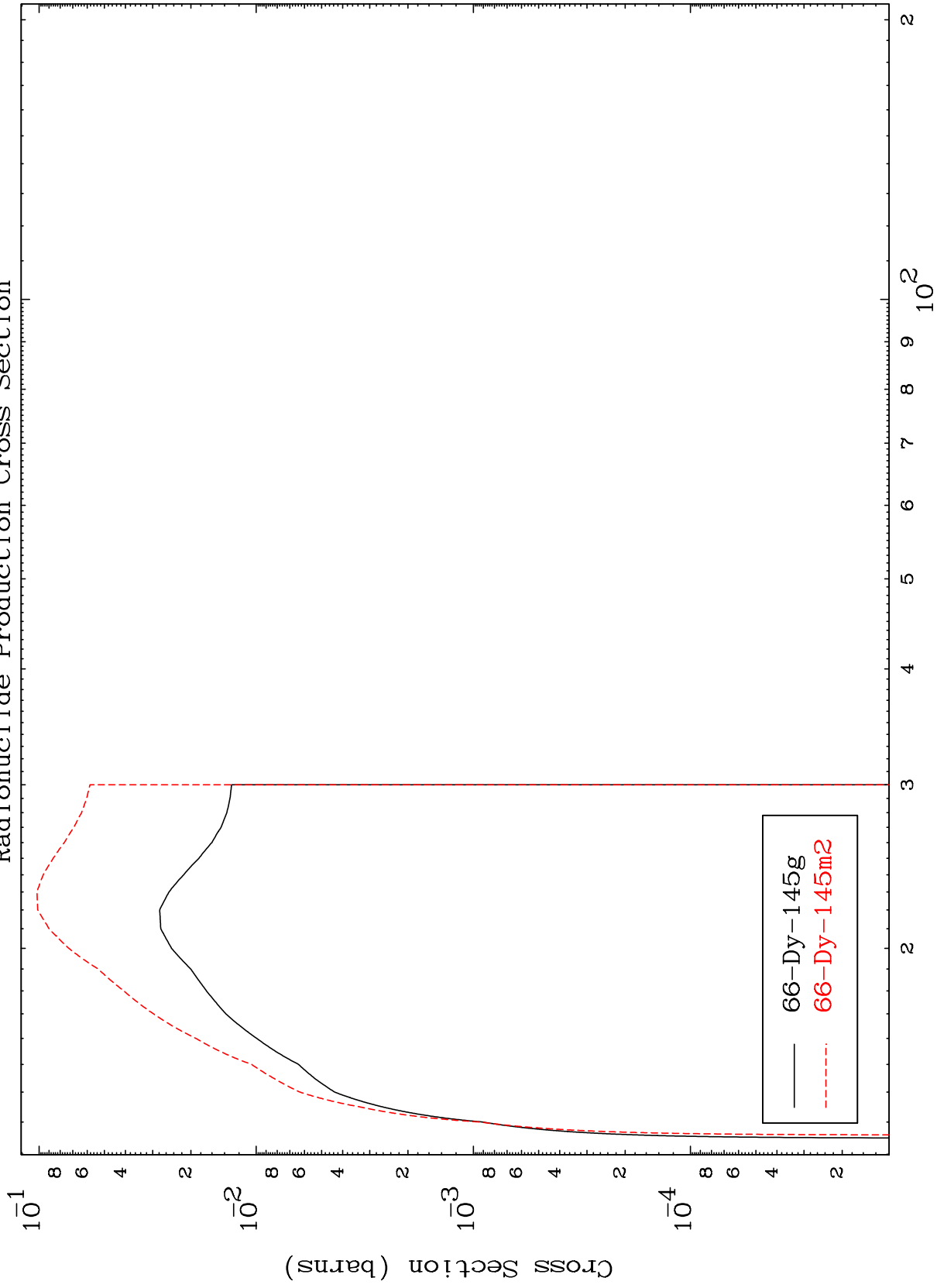
Incident Energy (MeV)

66-Dy-146

MAT 6595

66-Dy-146

(n,2n)
Radionuclide Production Cross Section



32

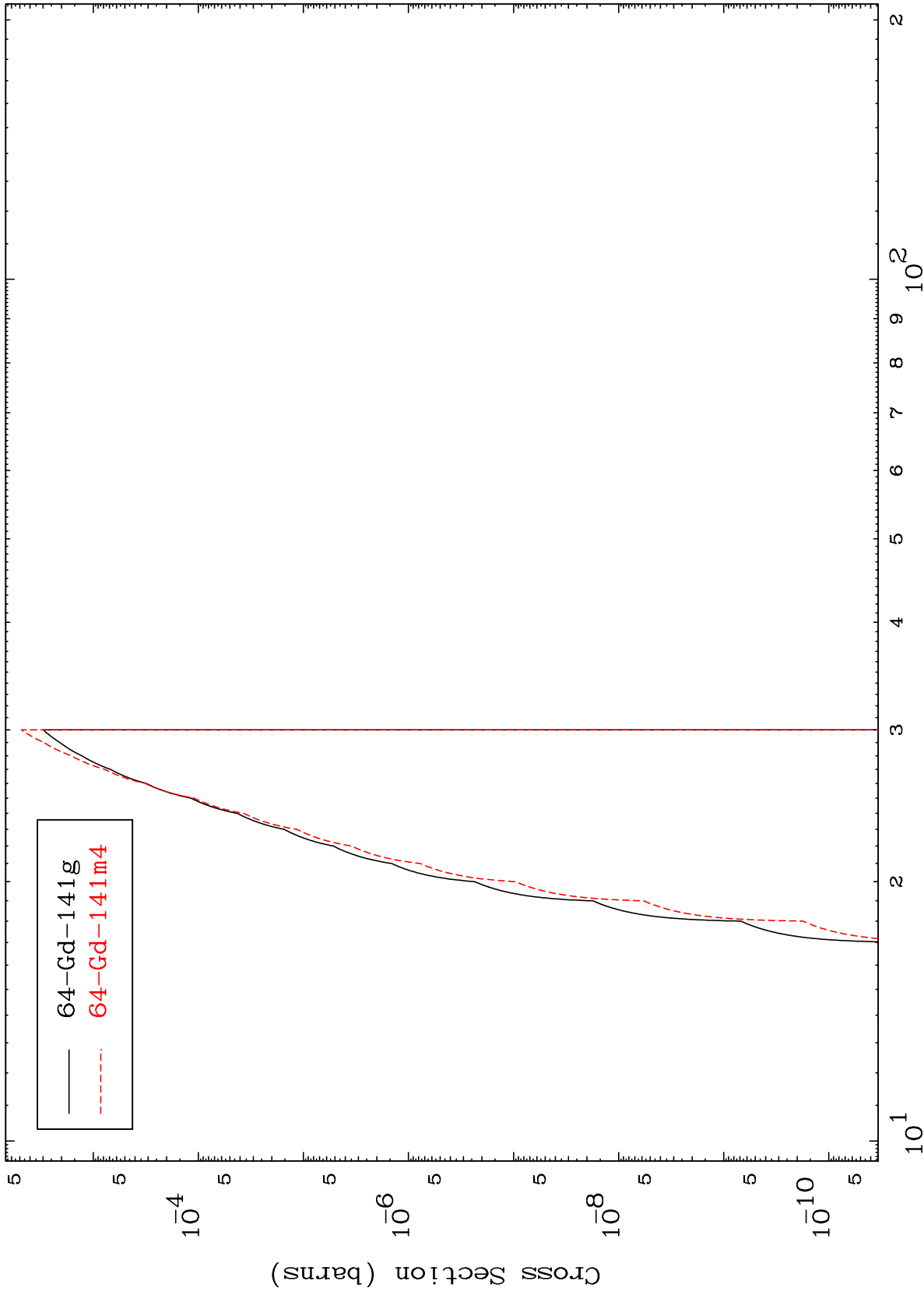
66-Dy-146

MAT 6595

(n,2n) α

66-Dy-146

Radionuclide Production Cross Section



33

Incident Energy (MeV)

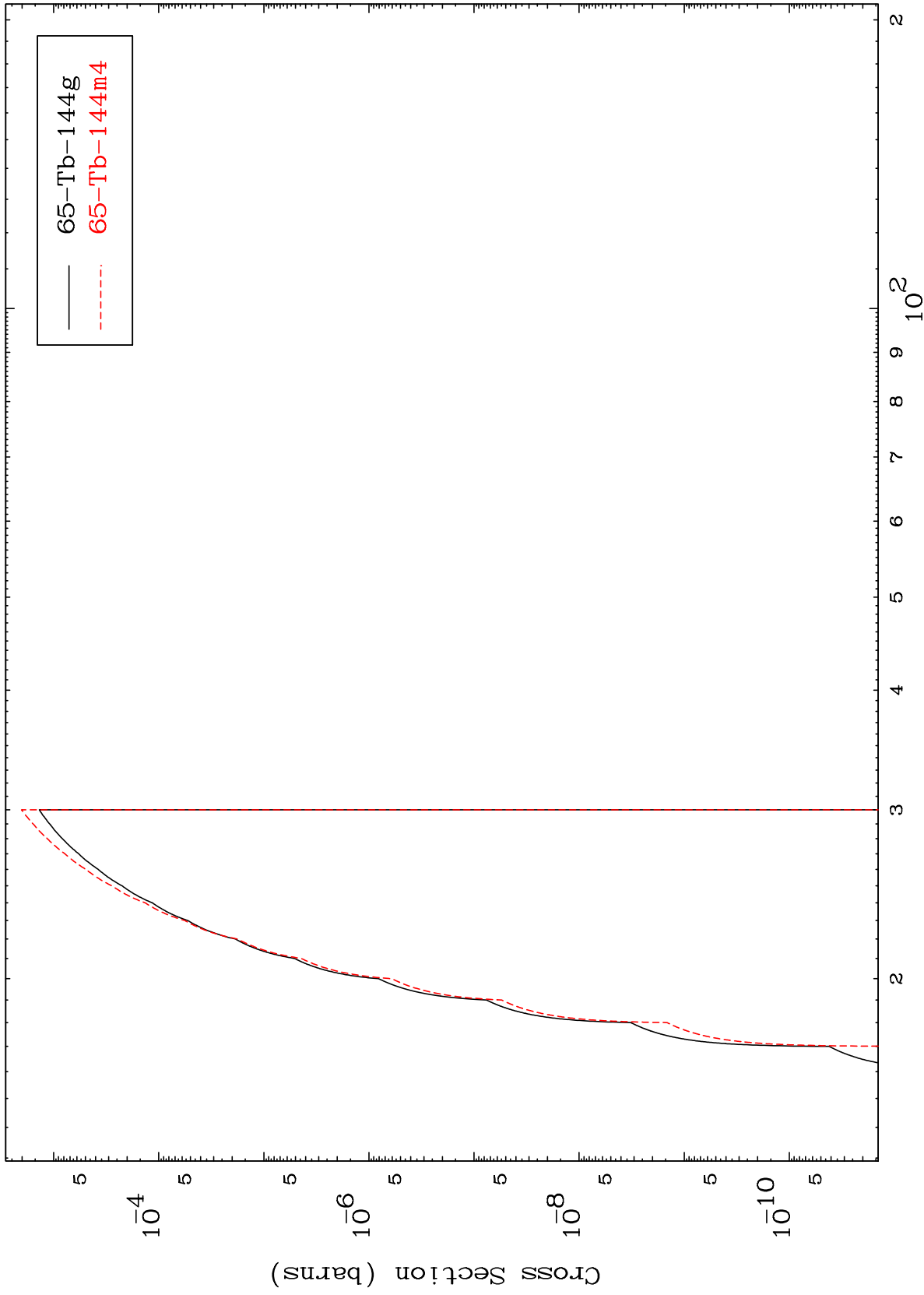
66-Dy-146

MAT 6595

(n,n') d

66-Dy-146

Radionuclide Production Cross Section



34

Incident Energy (MeV)

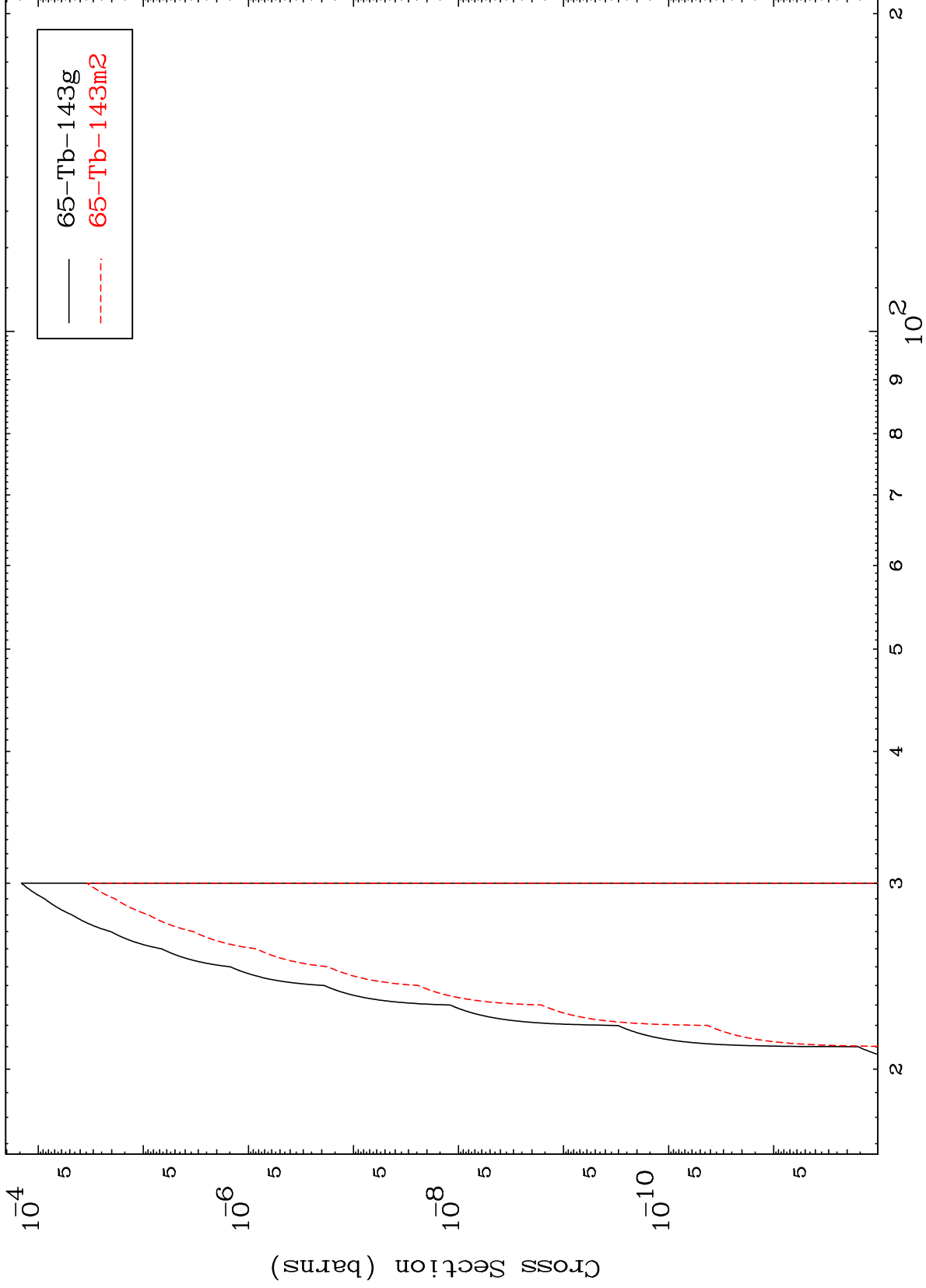
66-Dy-146

MAT 6595

(n,n') t

66-Dy-146

Radionuclide Production Cross Section



35

Incident Energy (MeV)

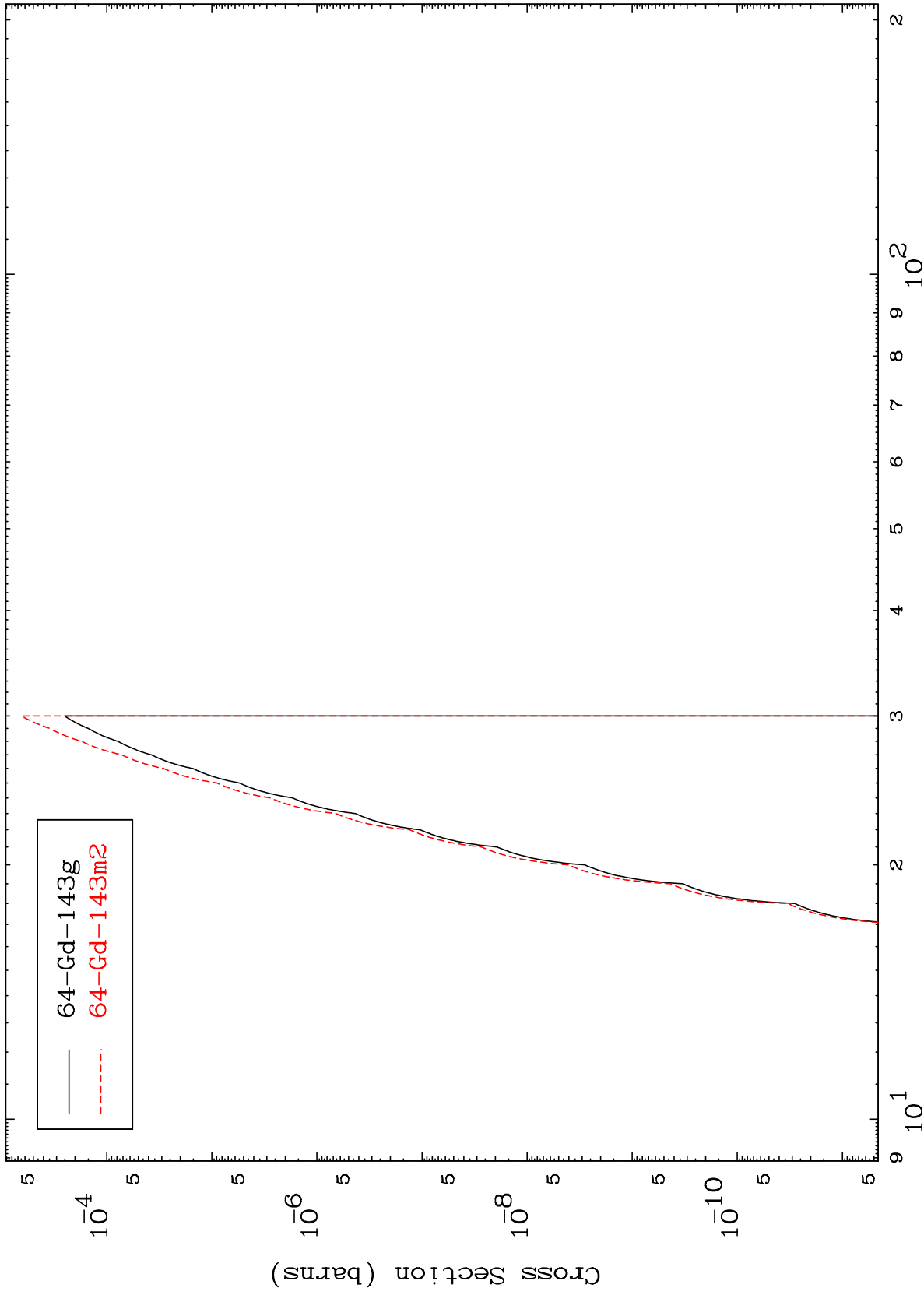
66-Dy-146

MAT 6595

(n, n') He-3

66-Dy-146

Radionuclide Production Cross Section



36

Incident Energy (MeV)

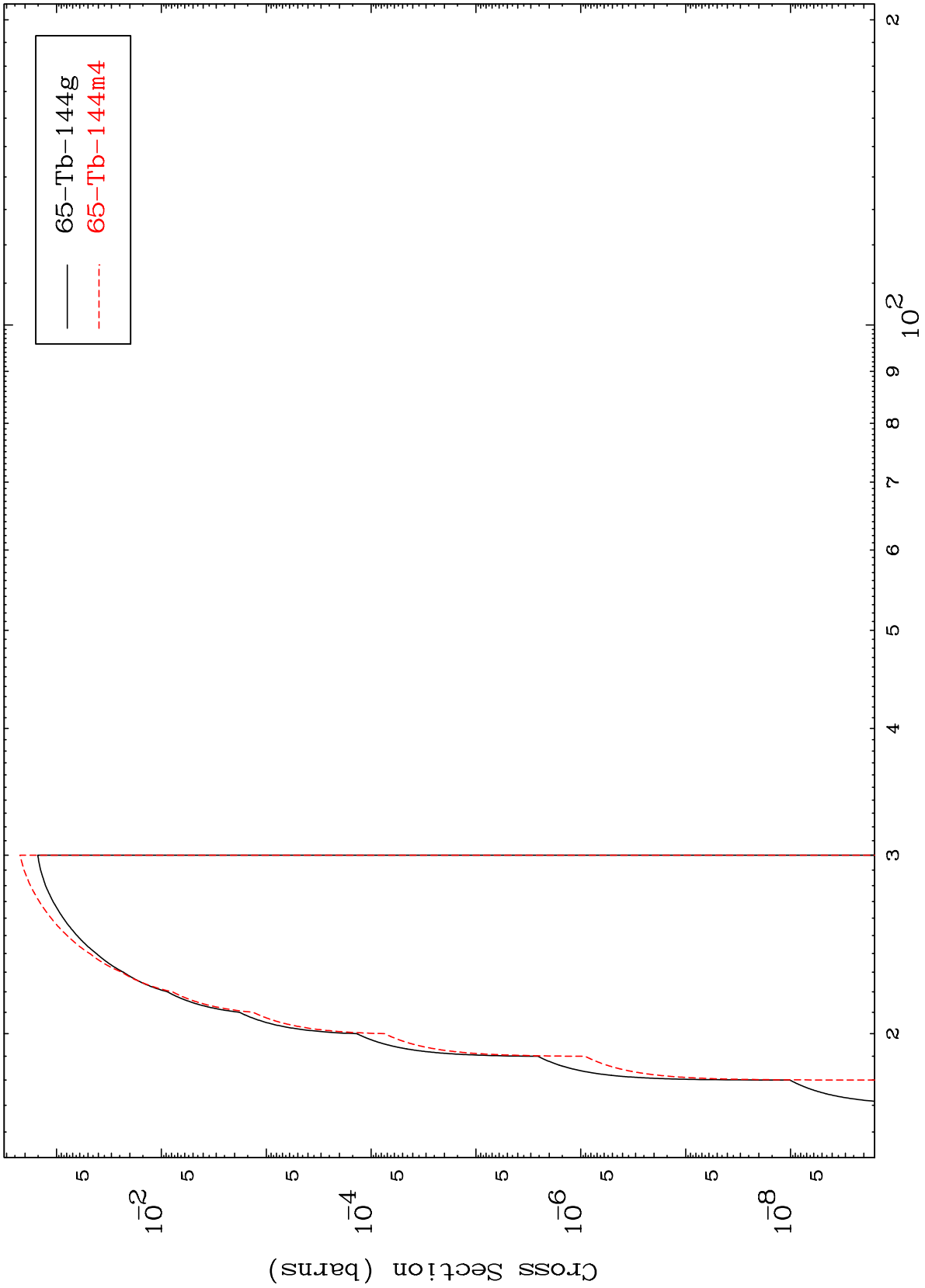
66-Dy-146

MAT 6595

(n,2n) p

66-Dy-146

Radionuclide Production Cross Section



37

Incident Energy (MeV)

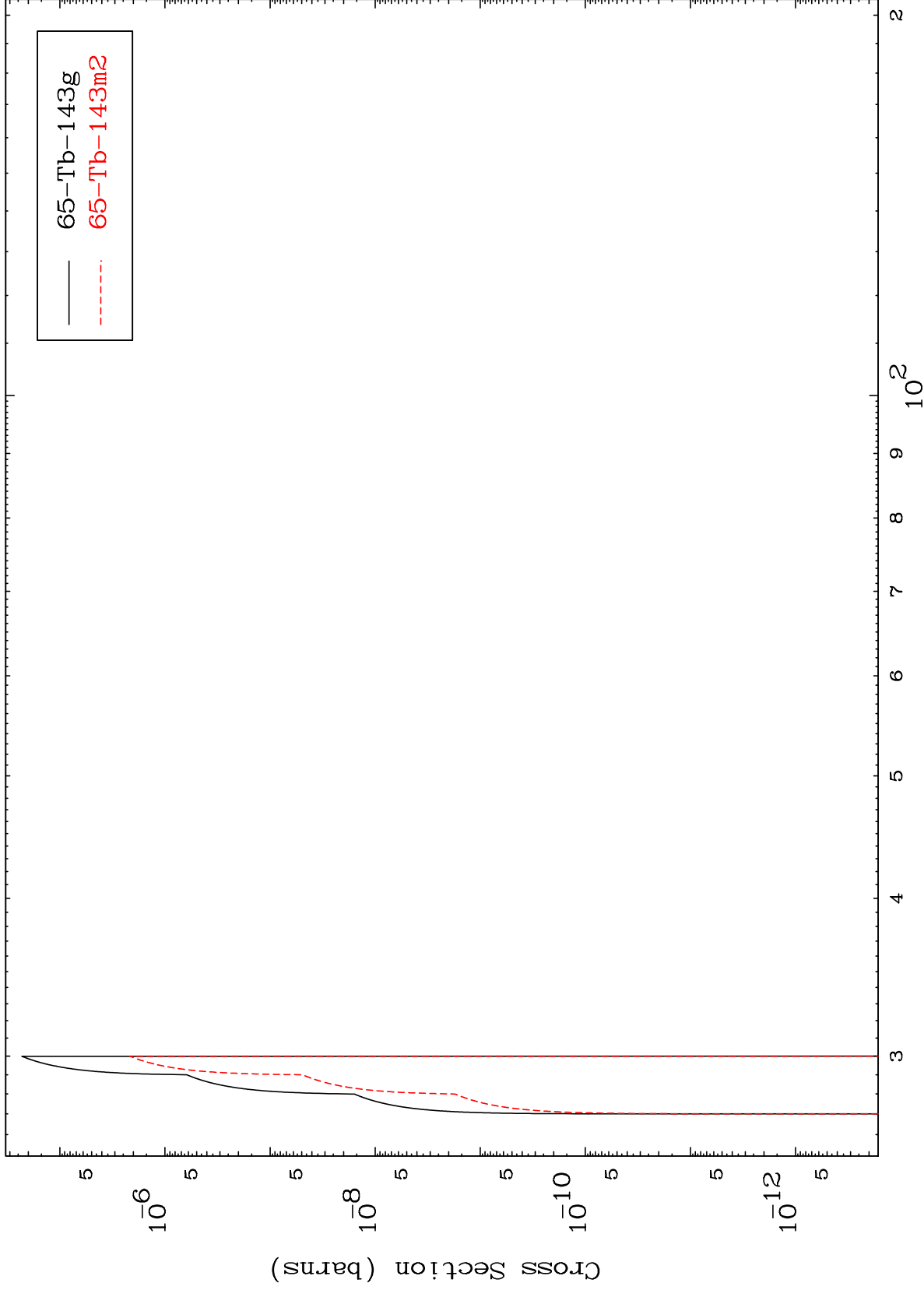
66-Dy-146

MAT 6595

(n,3n) p

66-Dy-146

Radionuclide Production Cross Section



38

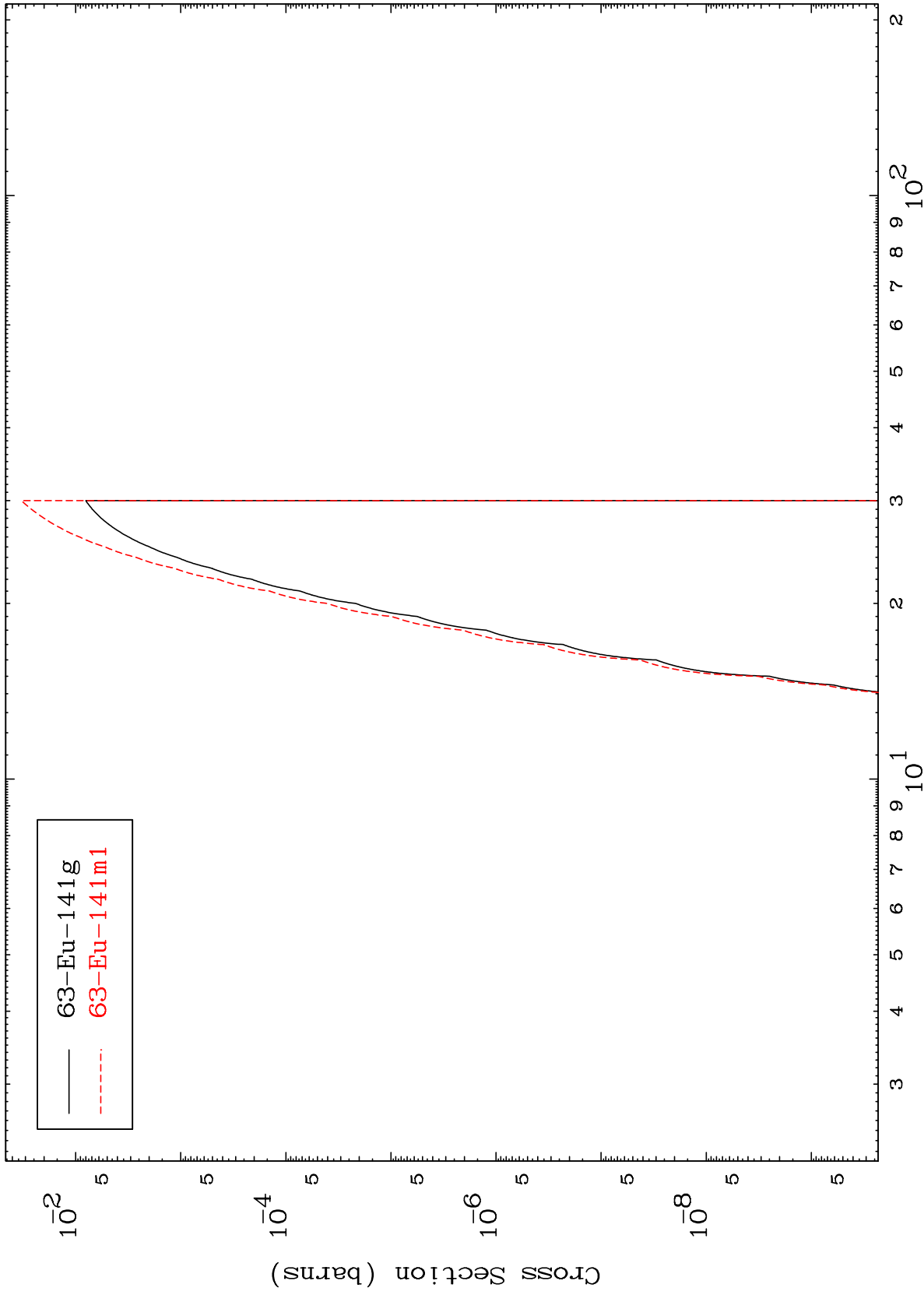
Incident Energy (MeV)

66-Dy-146

MAT 6595

66-Dy-146

(n,n') p α
Radionuclide Production Cross Section



39

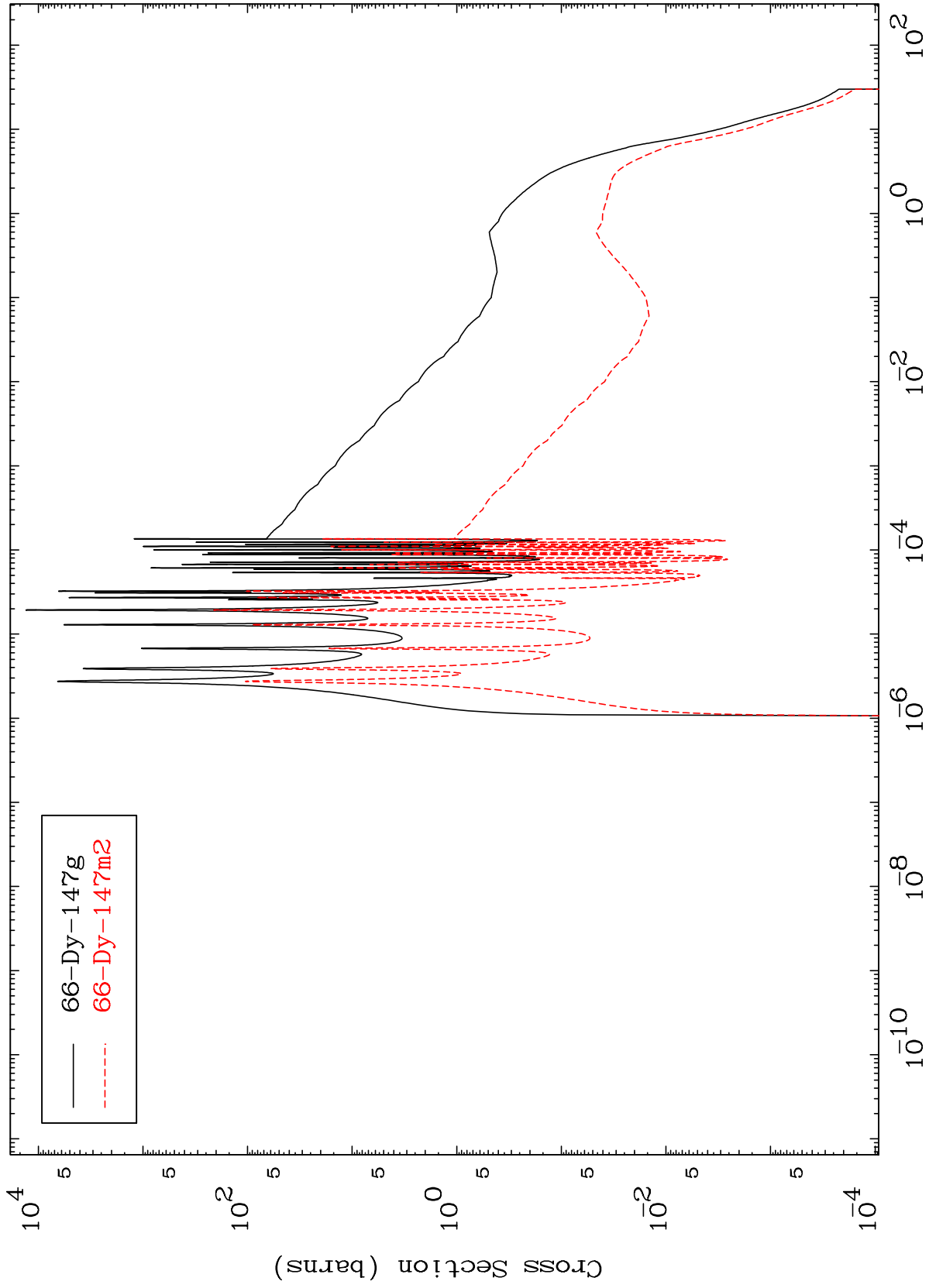
Incident Energy (MeV)

66-Dy-146

MAT 6595

Radionuclide Production Cross Section
(n, γ)

66-Dy-146



40

Incident Energy (MeV)

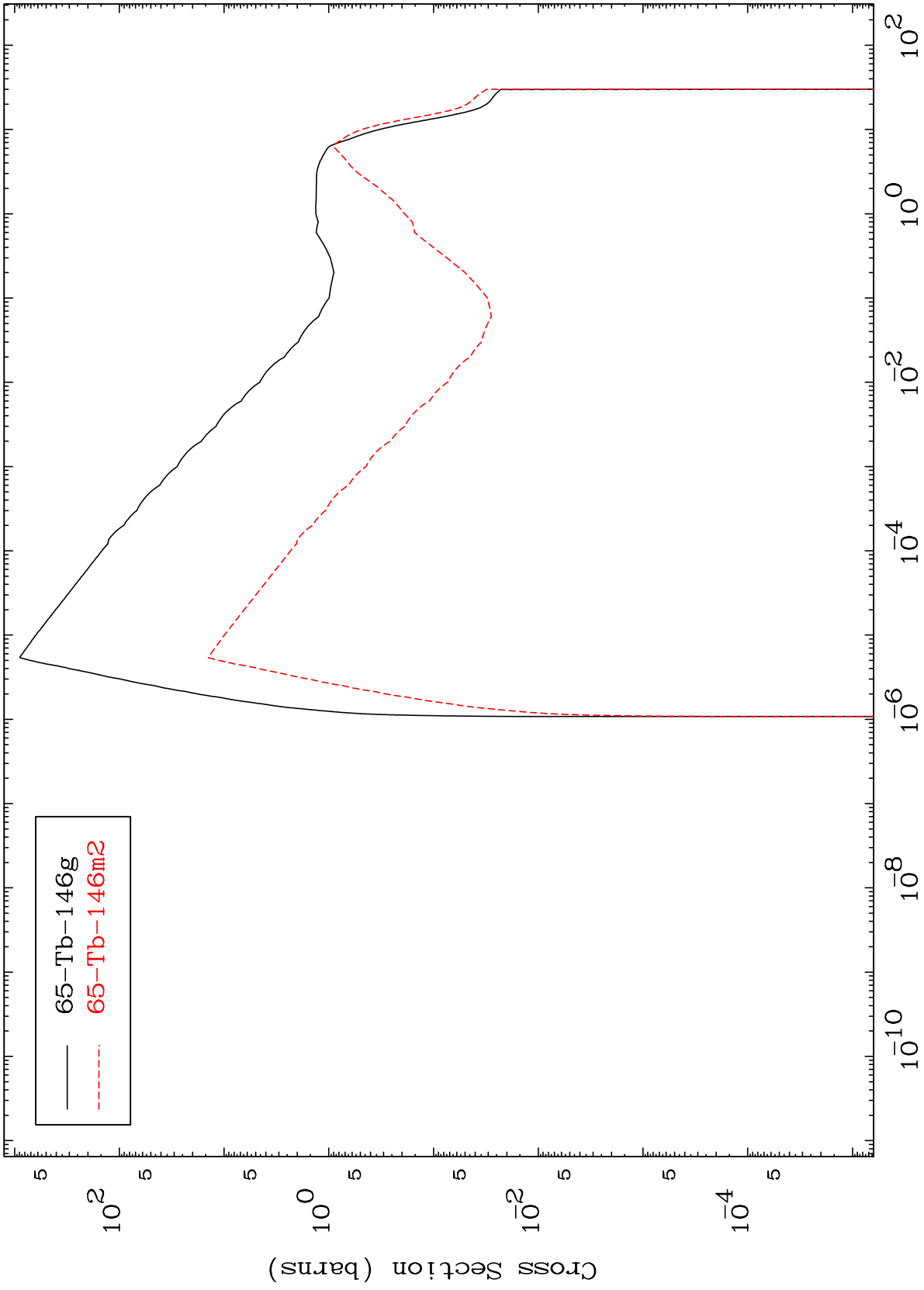
66-Dy-146

MAT 6595

(n,p)

66-Dy-146

Radionuclide Production Cross Section

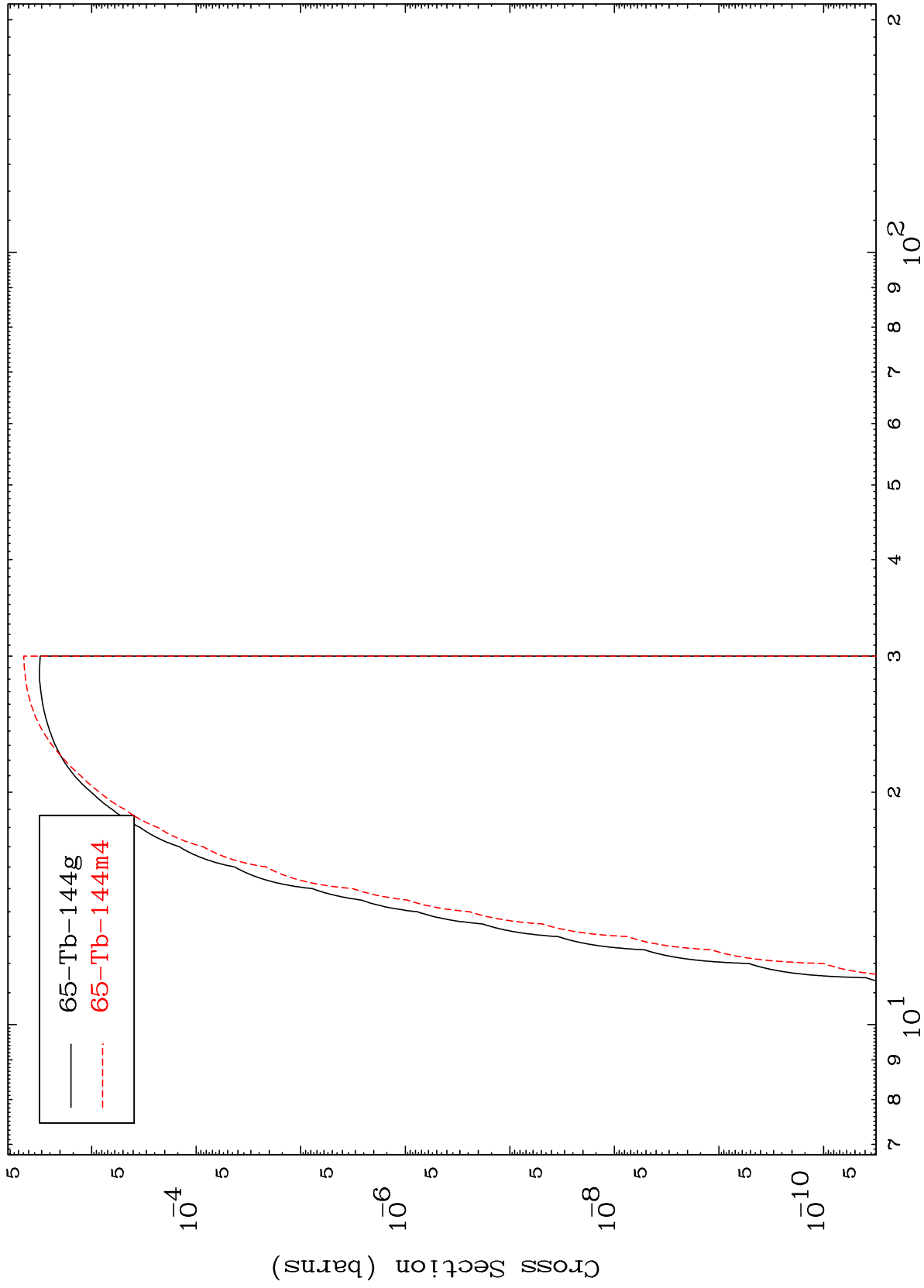


65-Tb-146g
65-Tb-146m2

MAT 6595

66-Dy-146

Radionuclide Production Cross Section
(n, t)



42

Incident Energy (MeV)

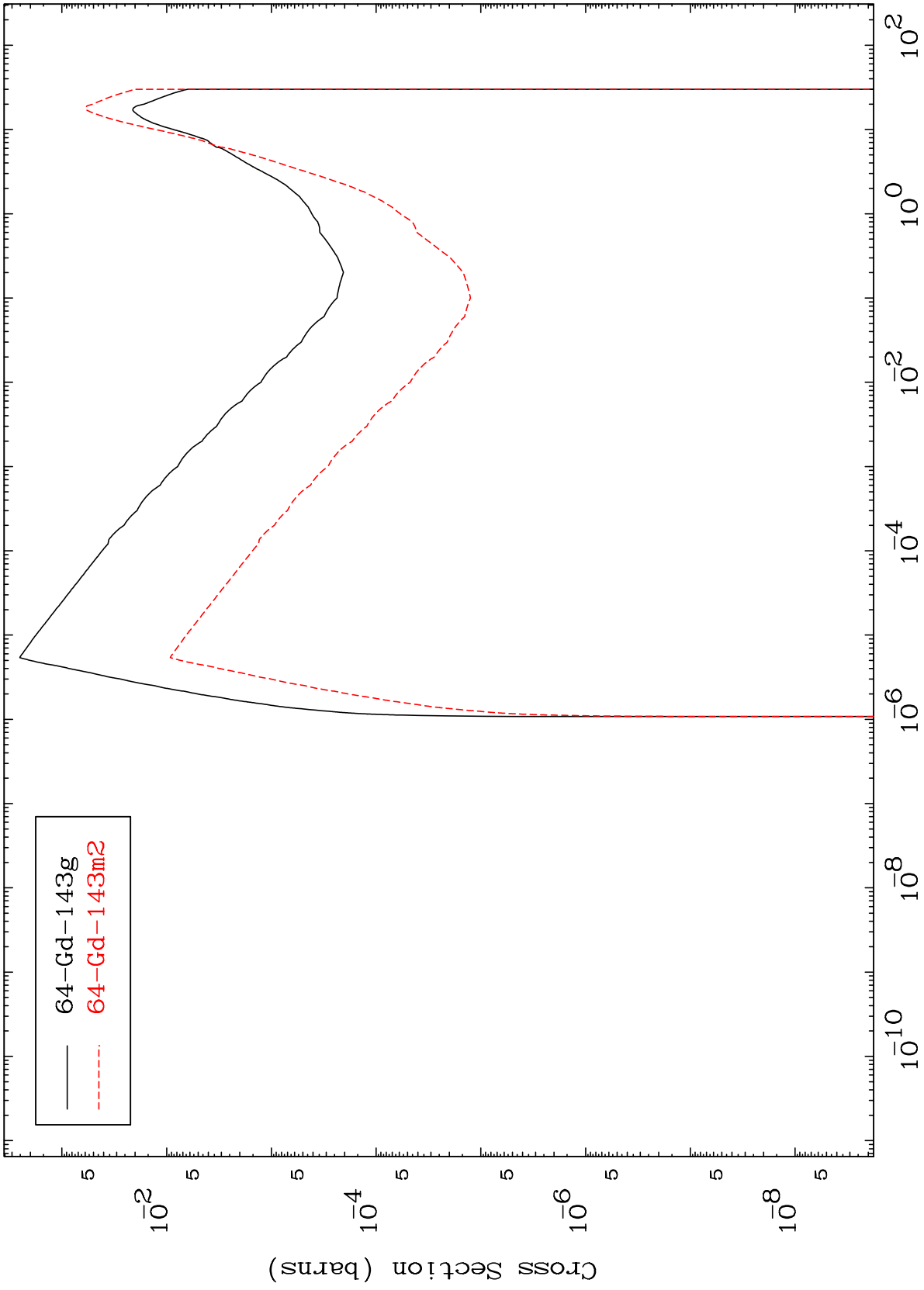
66-Dy-146

MAT 6595

(n, α)

66-Dy-146

Radionuclide Production Cross Section



43

Incident Energy (MeV)

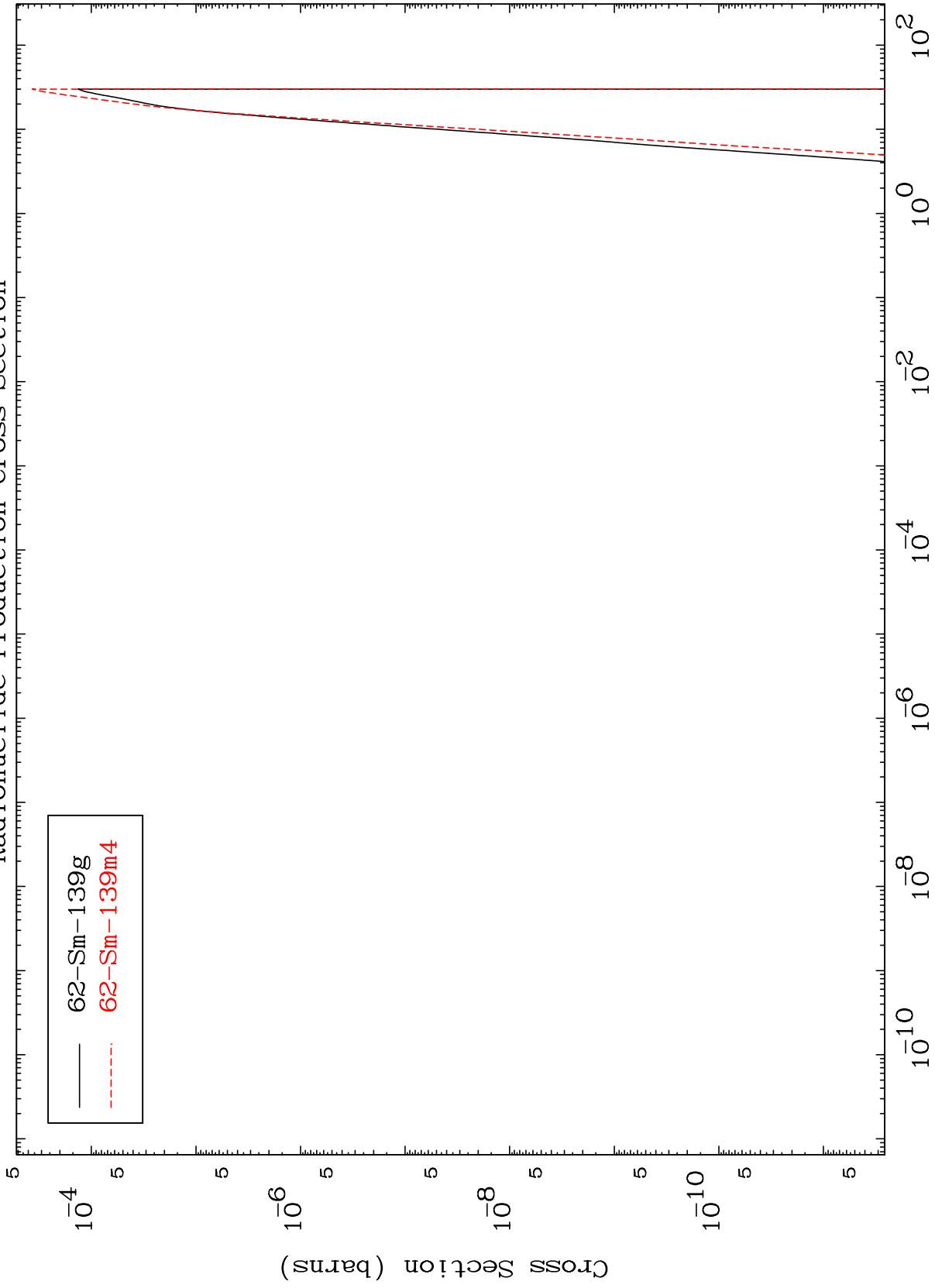
66-Dy-146

MAT 6595

(n,2α)

66-Dy-146

Radionuclide Production Cross Section



44

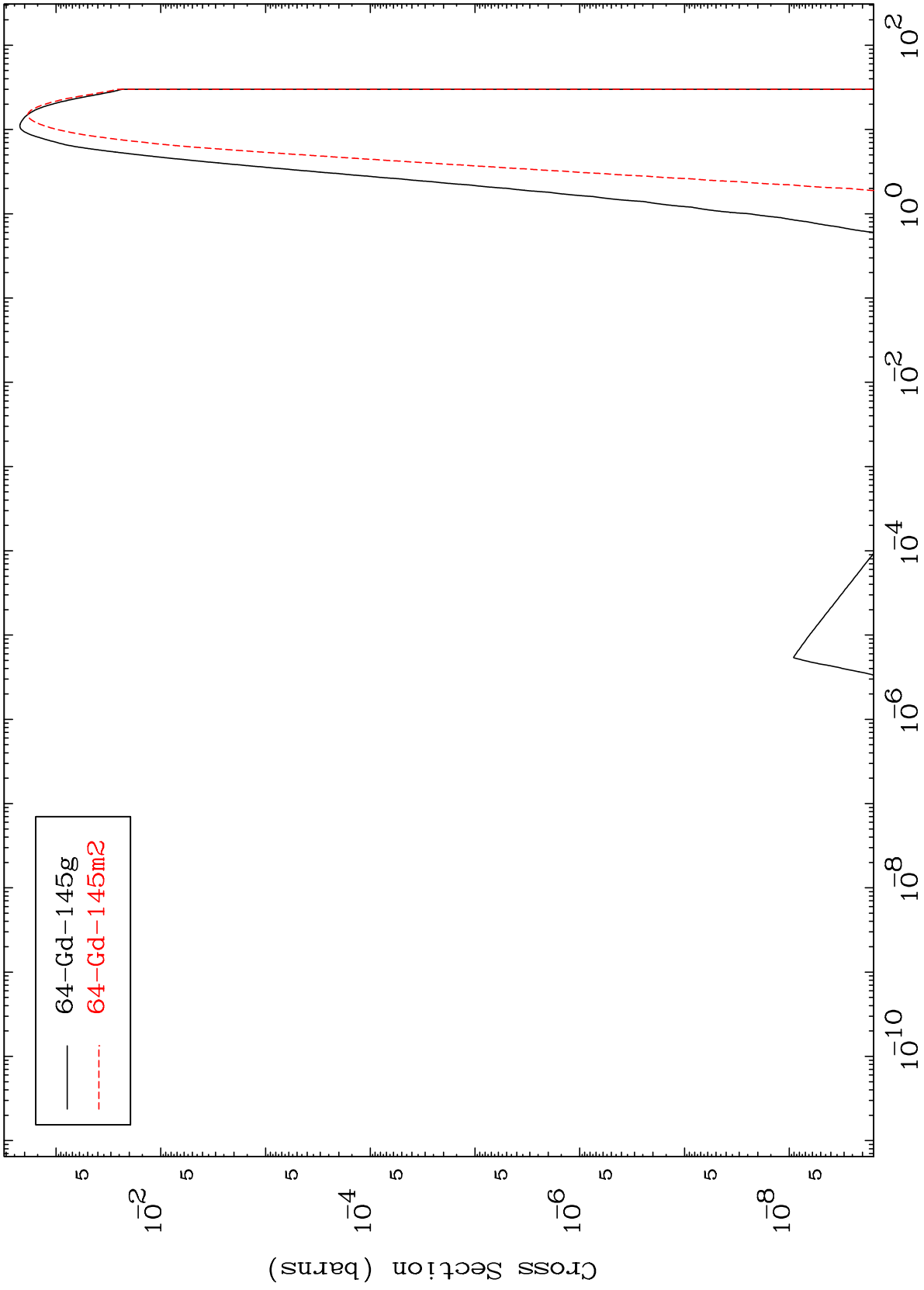
Incident Energy (MeV)

66-Dy-146

MAT 6595

(n,2p)
Radionuclide Production Cross Section

66-Dy-146



45

Incident Energy (MeV)

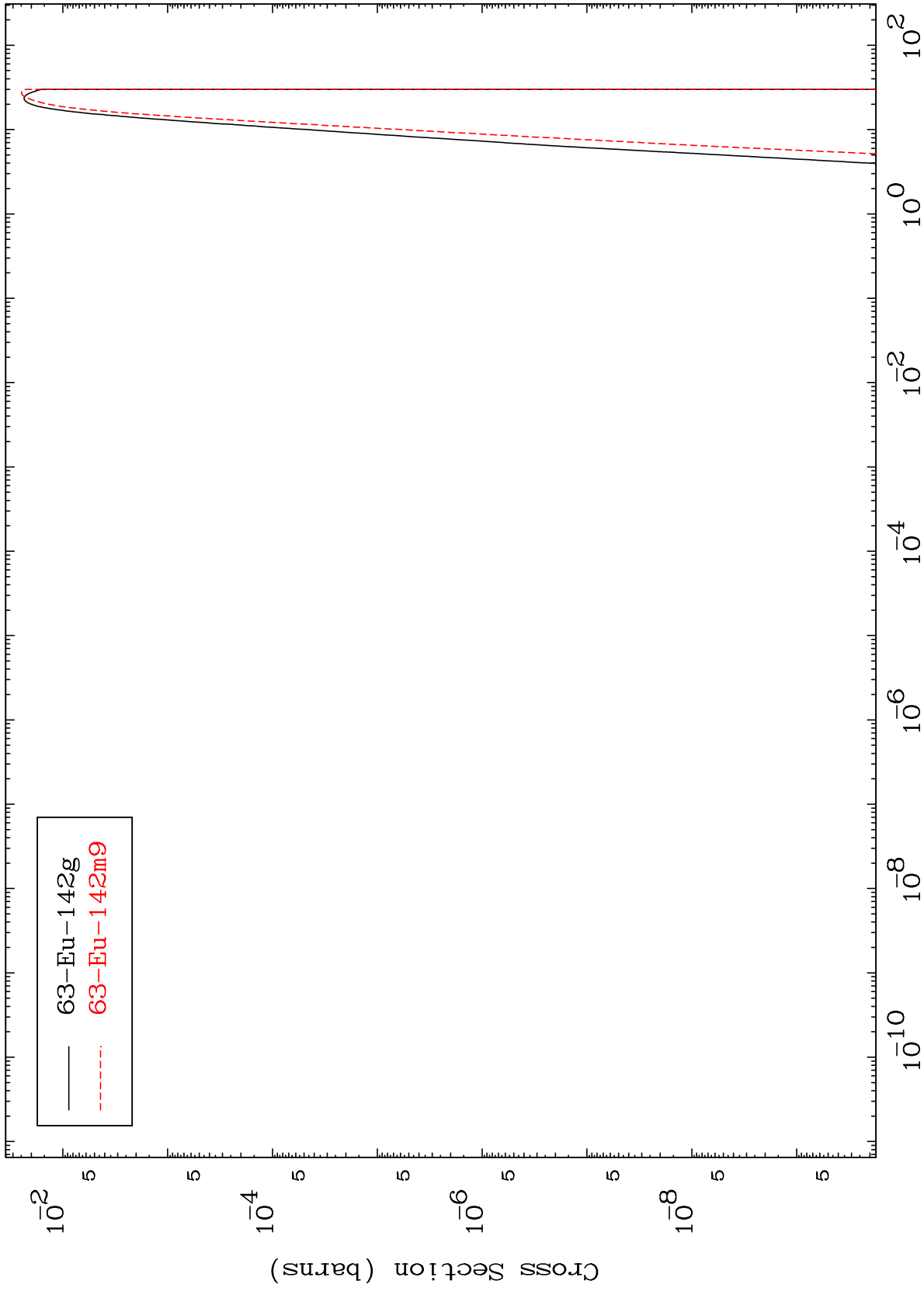
66-Dy-146

MAT 6595

(n,p) α

66-Dy-146

Radionuclide Production Cross Section



46

Incident Energy (MeV)

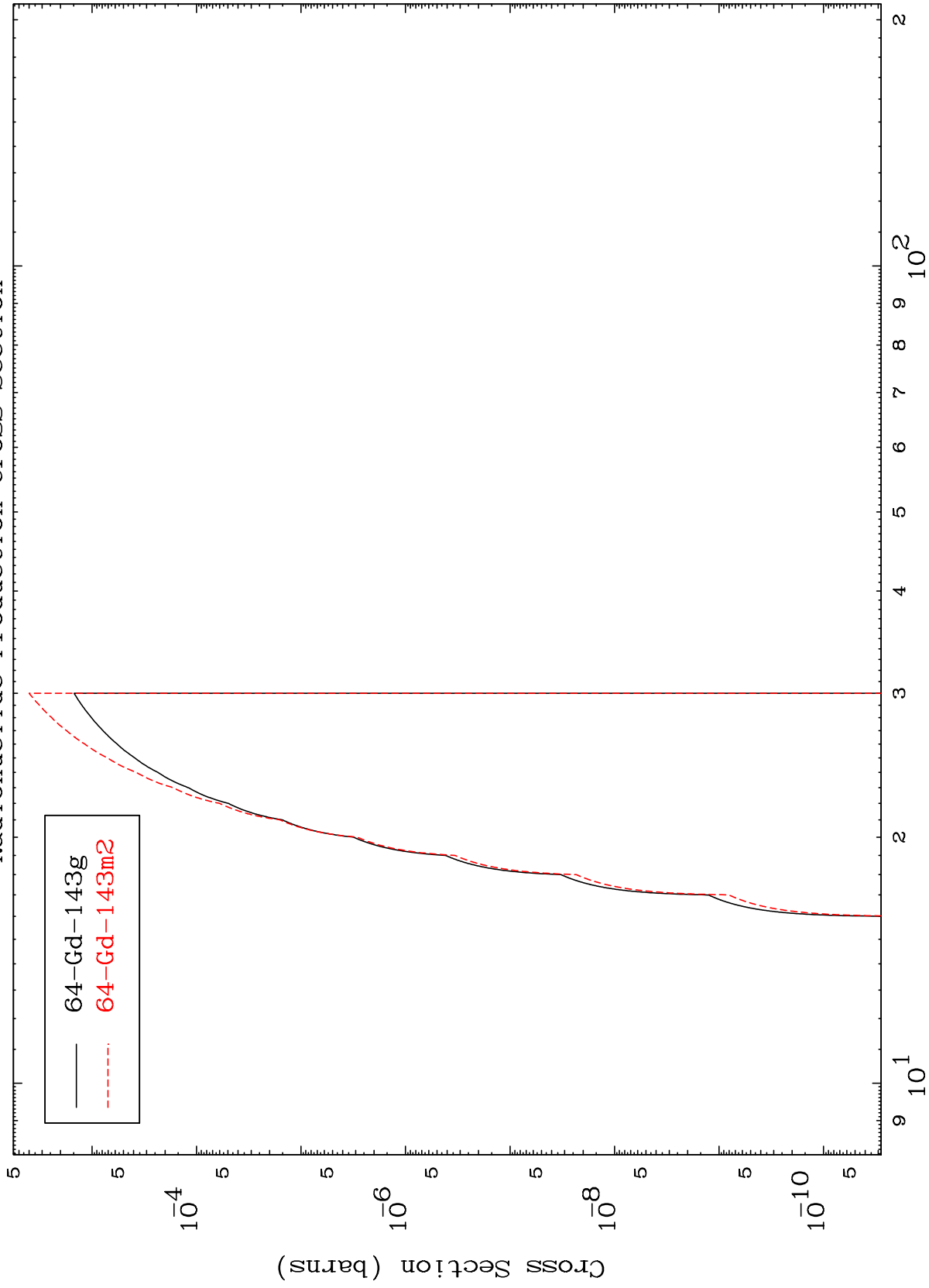
66-Dy-146

MAT 6595

(n,p) t

66-Dy-146

Radionuclide Production Cross Section



47

Incident Energy (MeV)

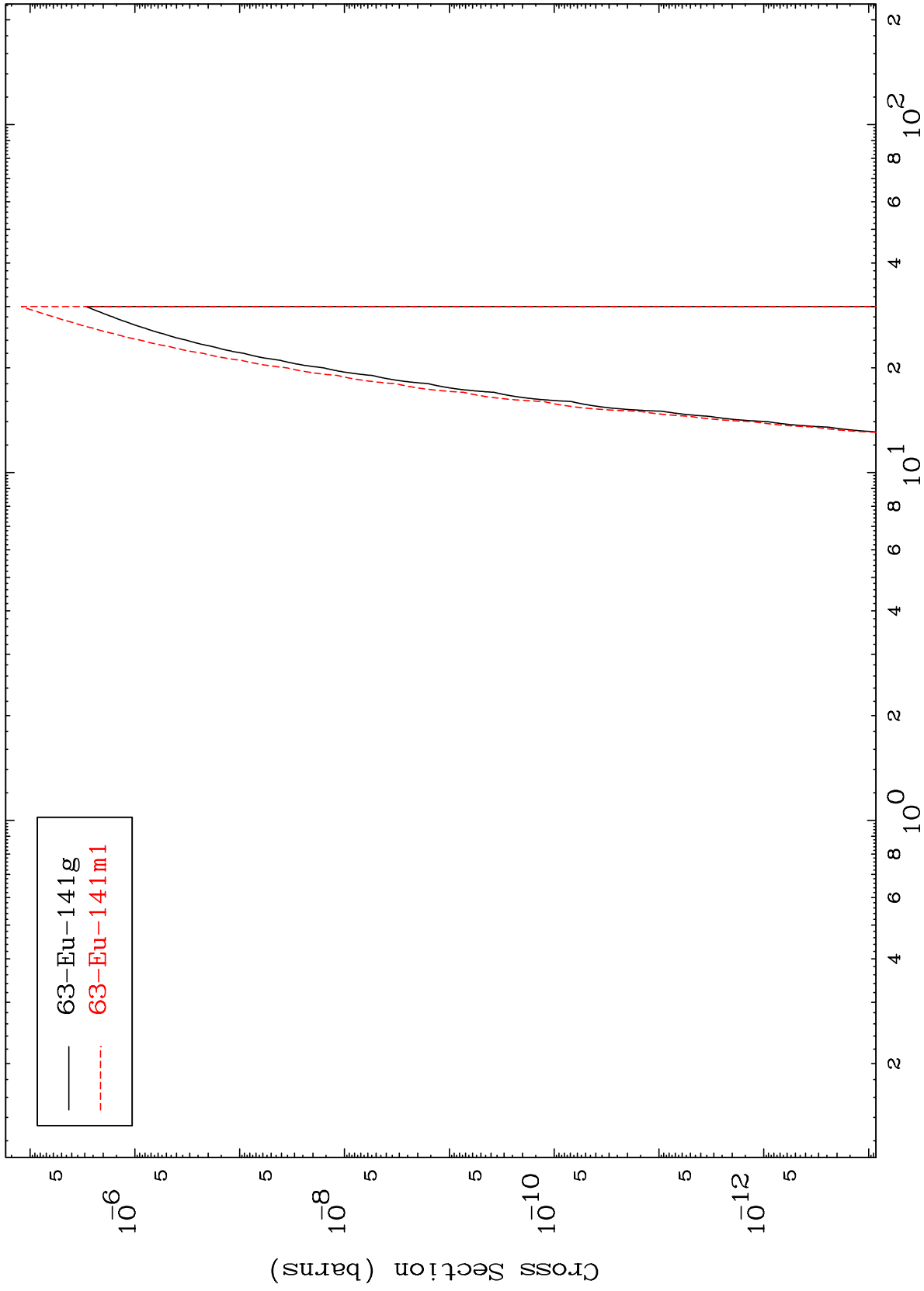
66-Dy-146

MAT 6595

(n,d) α

66-Dy-146

Radionuclide Production Cross Section



48

Incident Energy (MeV)

66-Dy-146