

Program EVALPLOT
(Version 2018-1)

by

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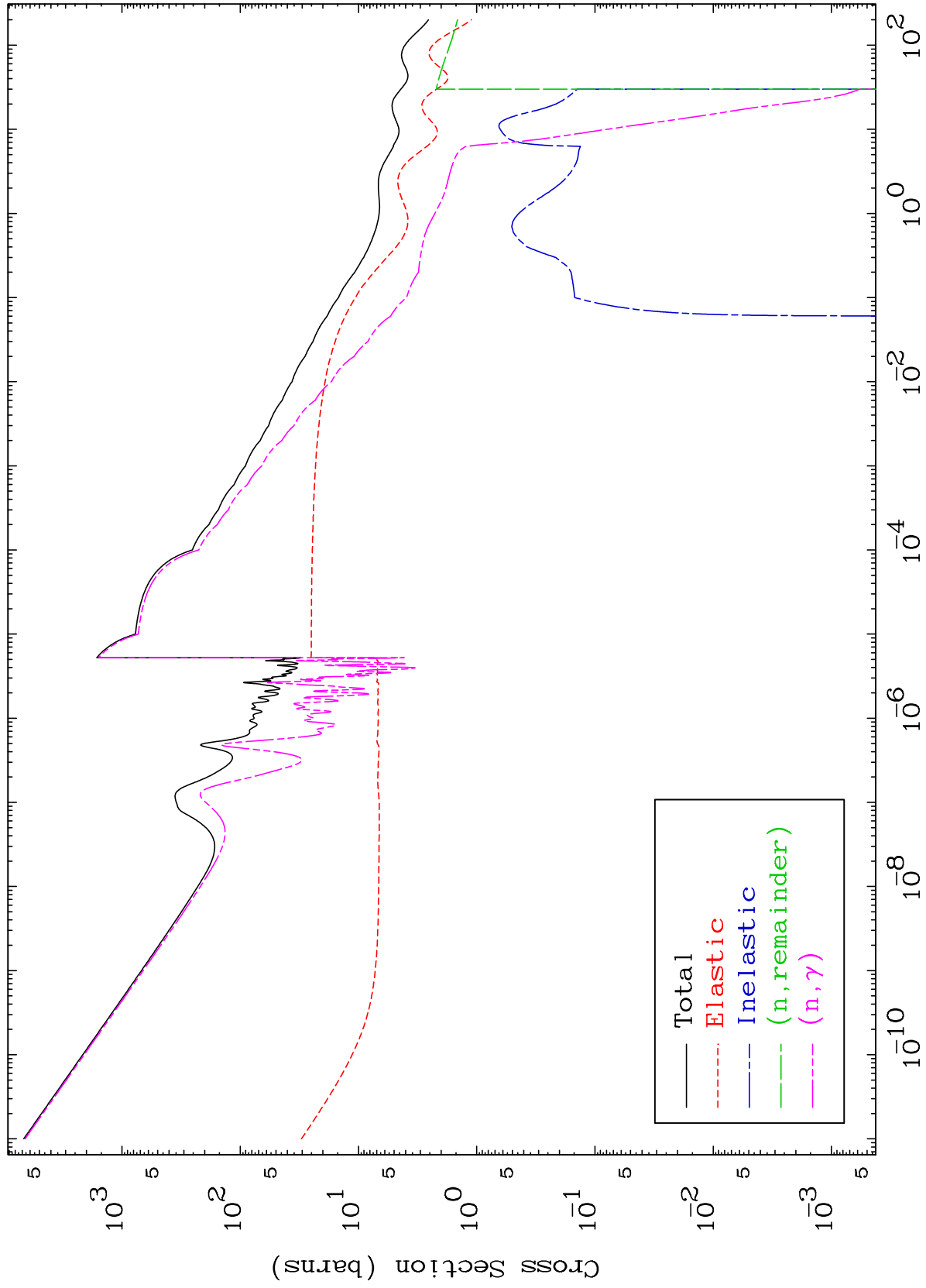
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7280

Major
293 Kelvin Cross Sections

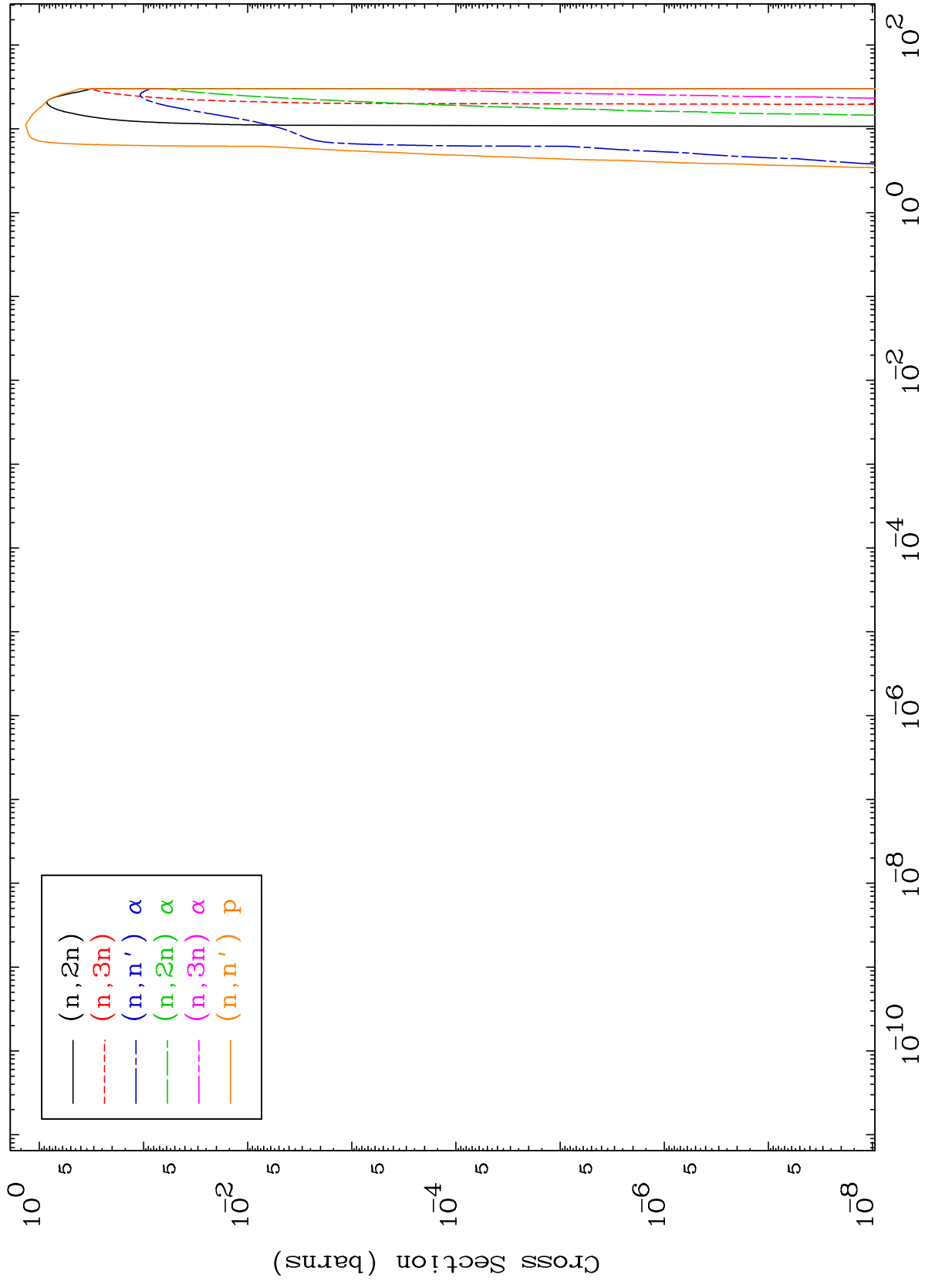
73-Ta-165



MAT 7280

Neutron Production
293 Kelvin Cross Sections

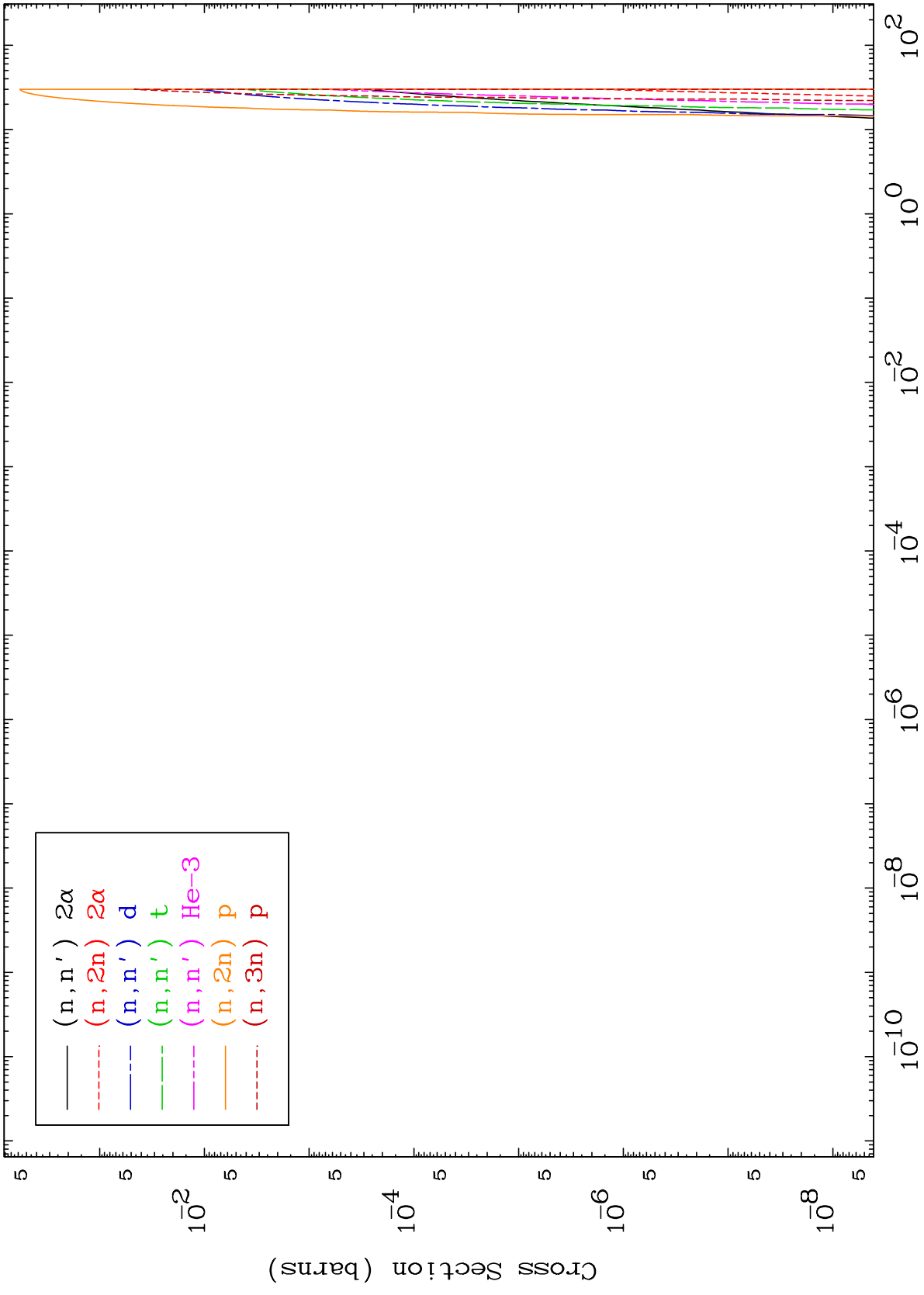
73-Ta-165



MAT 7280

Neutron Production
293 Kelvin Cross Sections

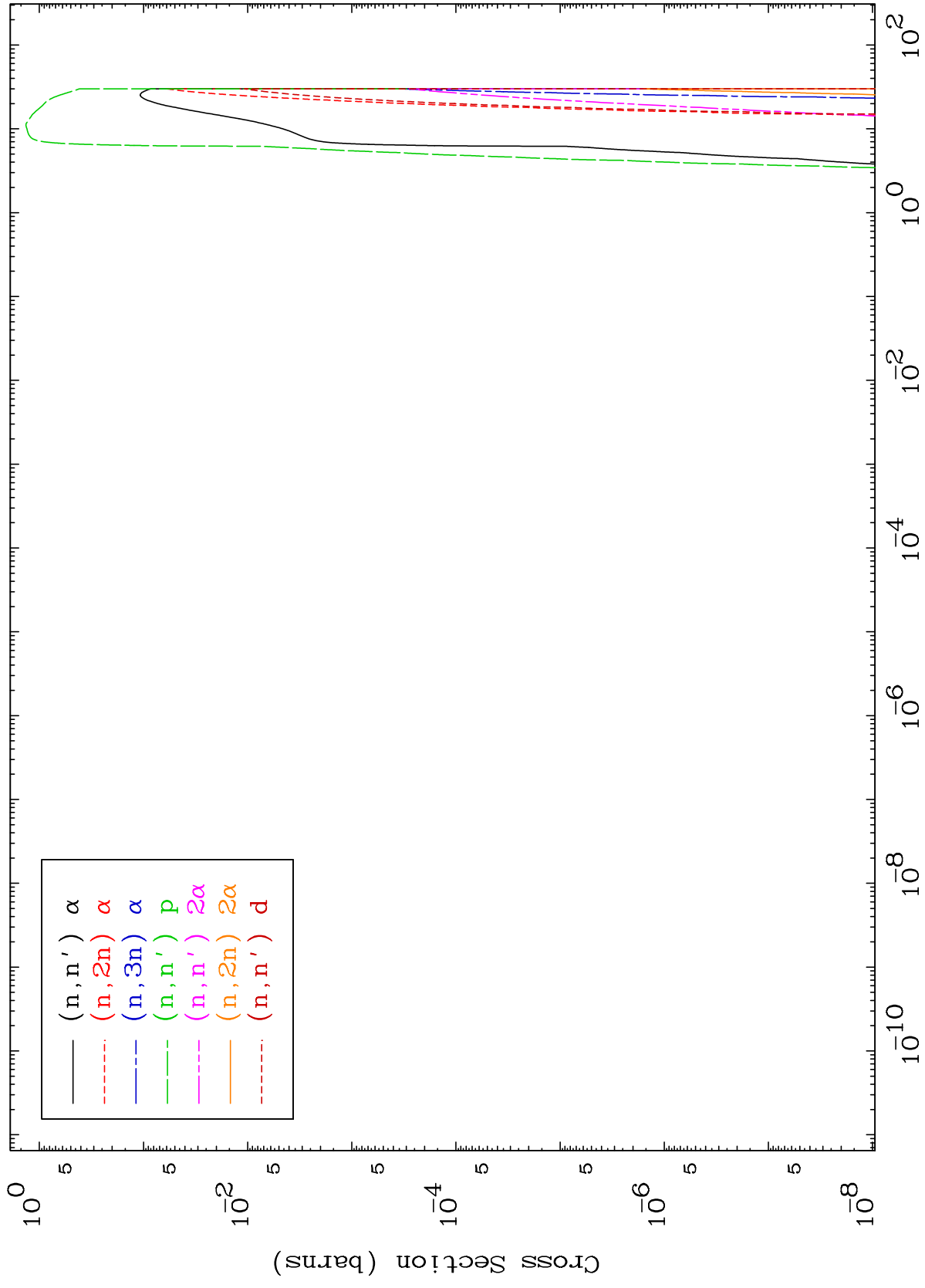
73-Ta-165

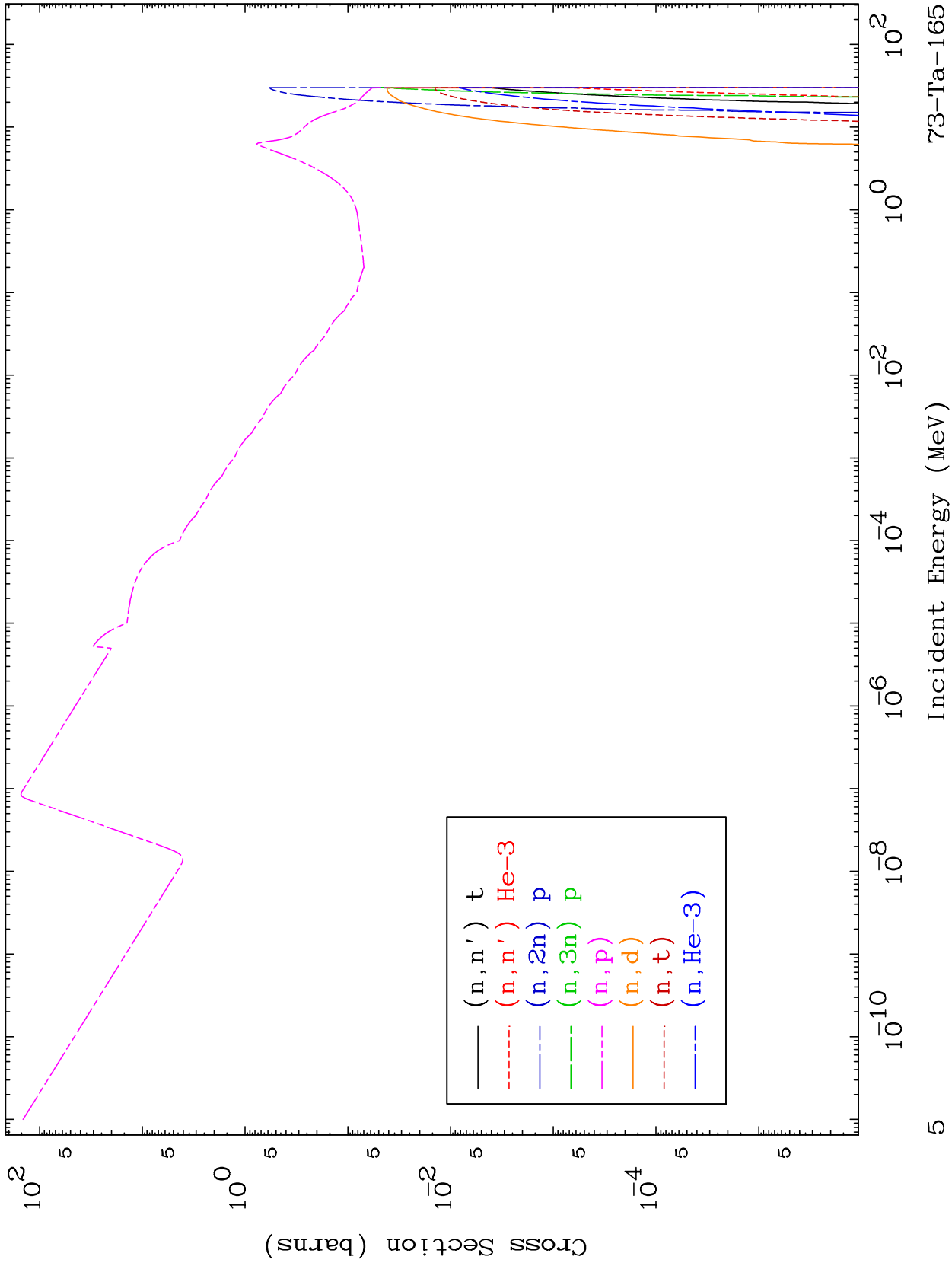


MAT 7280

293 Charged Particle
Kelvin Cross Sections

73-Ta-165

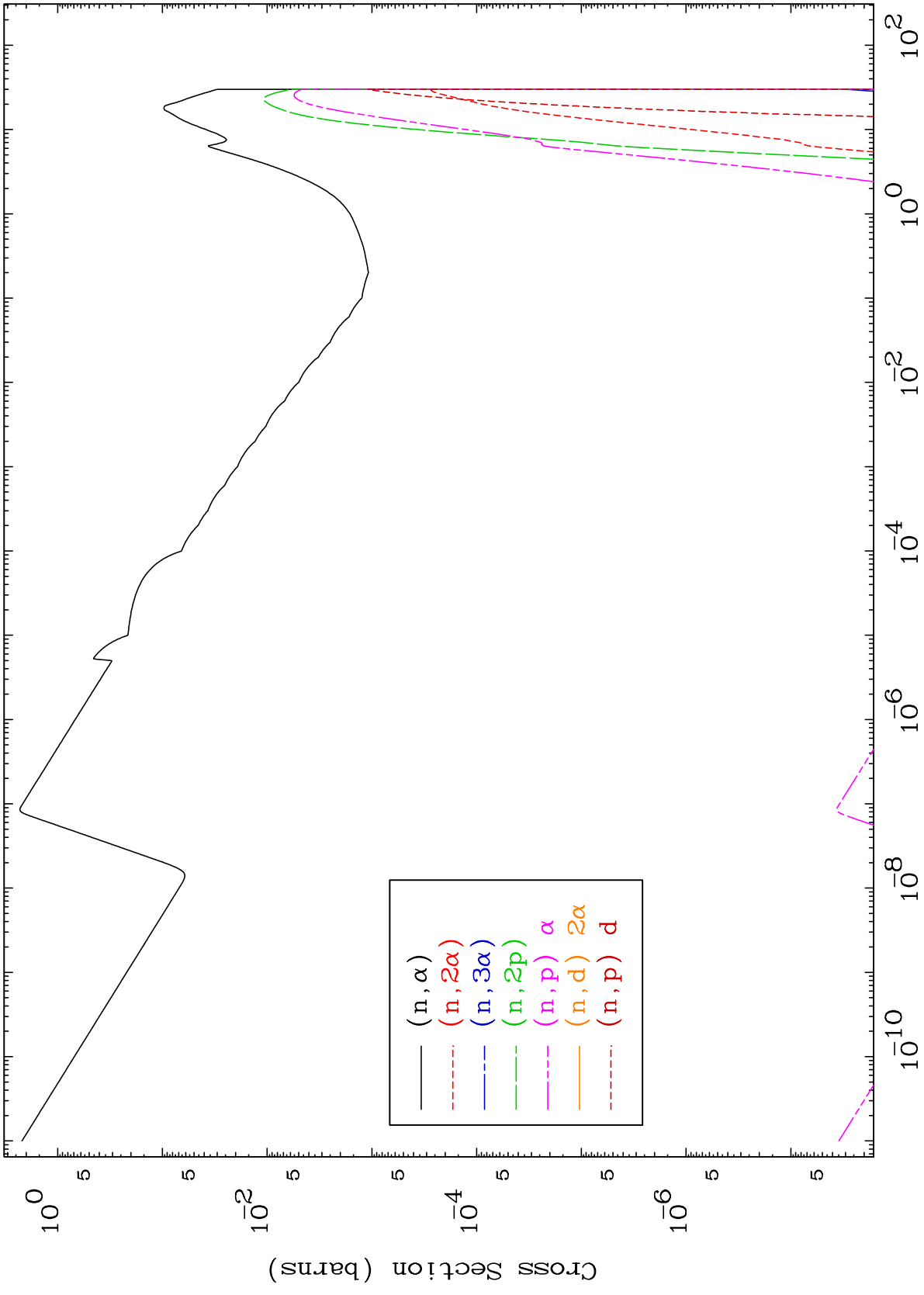




MAT 7280

Charged Particle
293 Kelvin Cross Sections

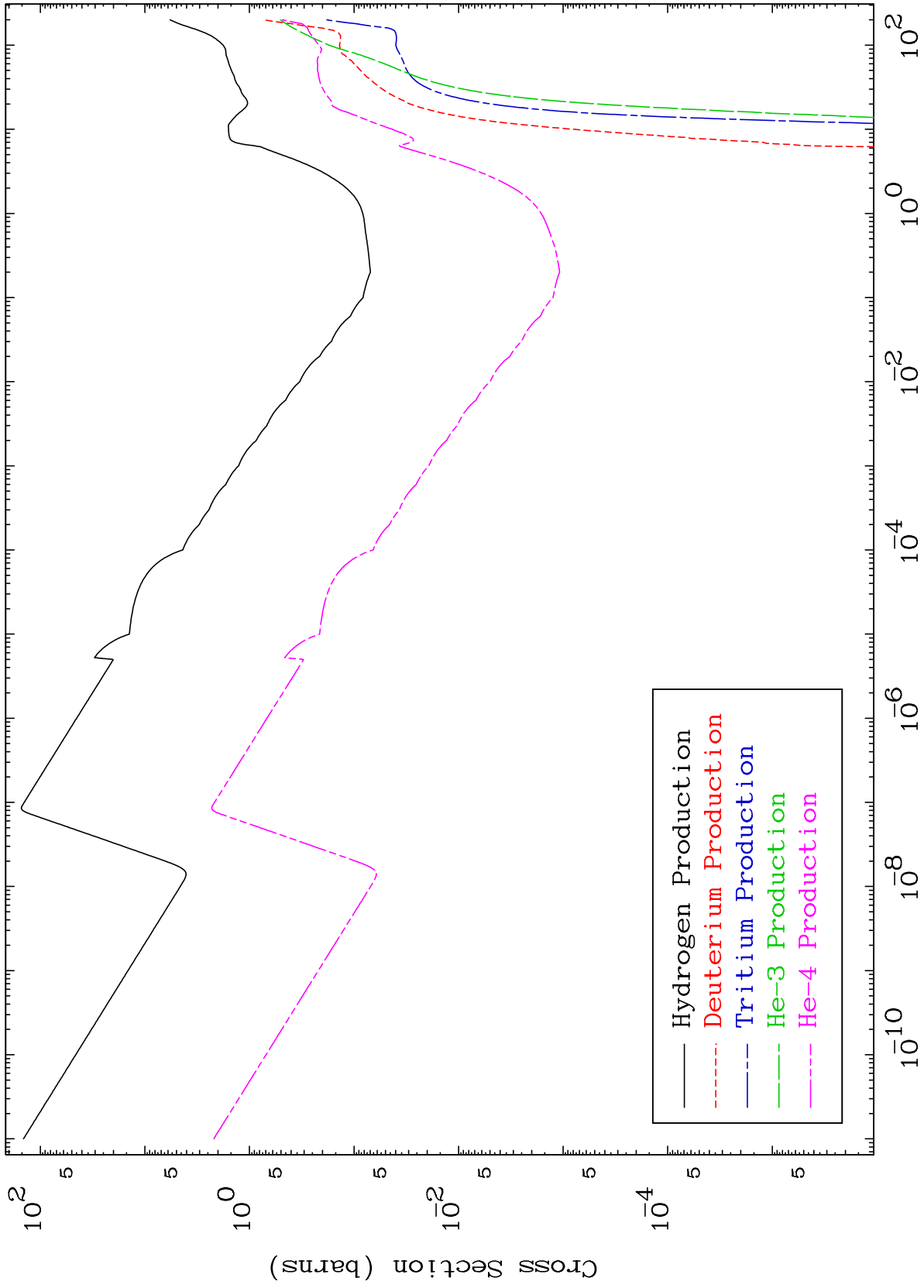
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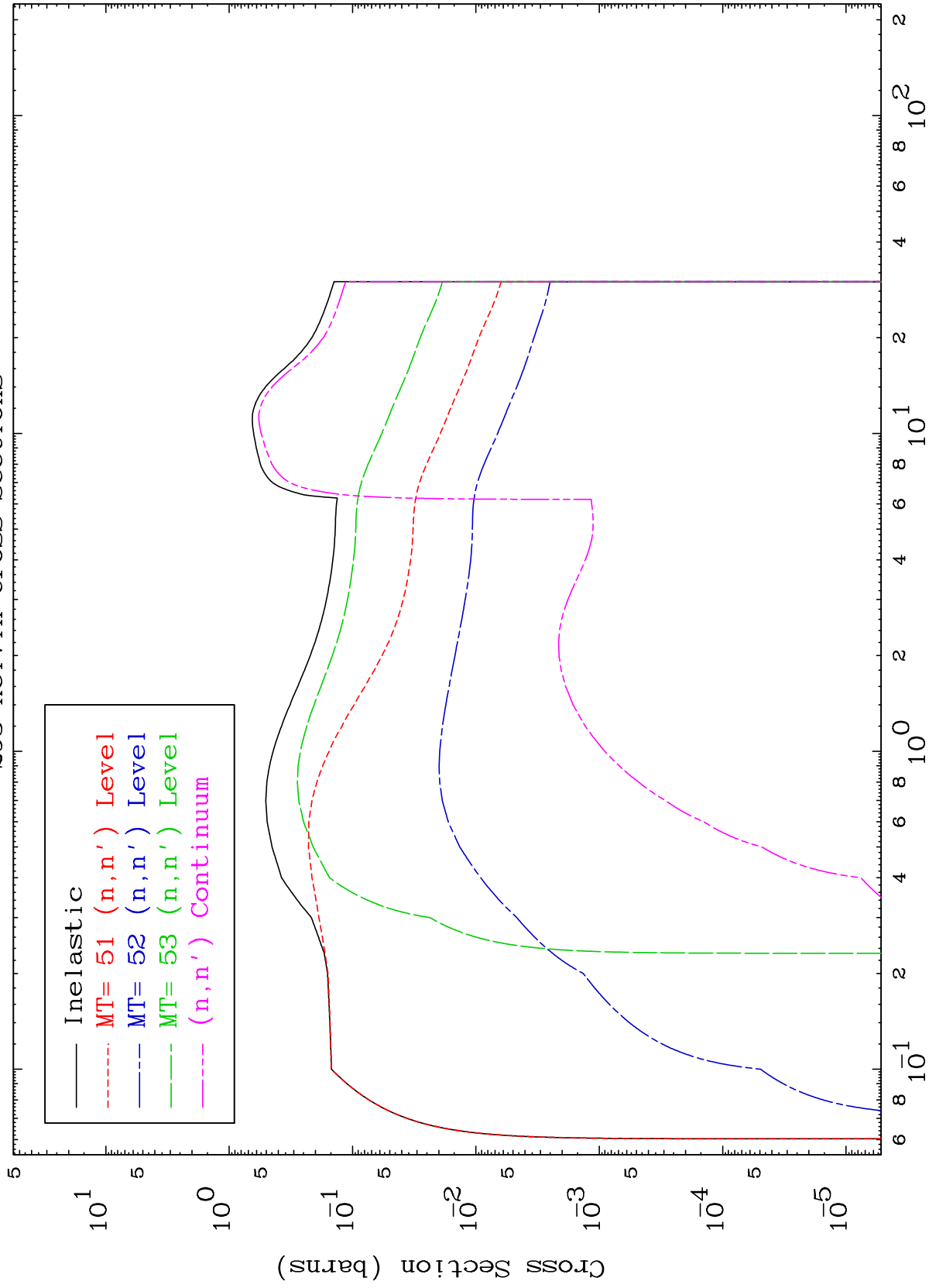


MAT 7280

Particle Production
293 Kelvin Cross Sections

73-Ta-165

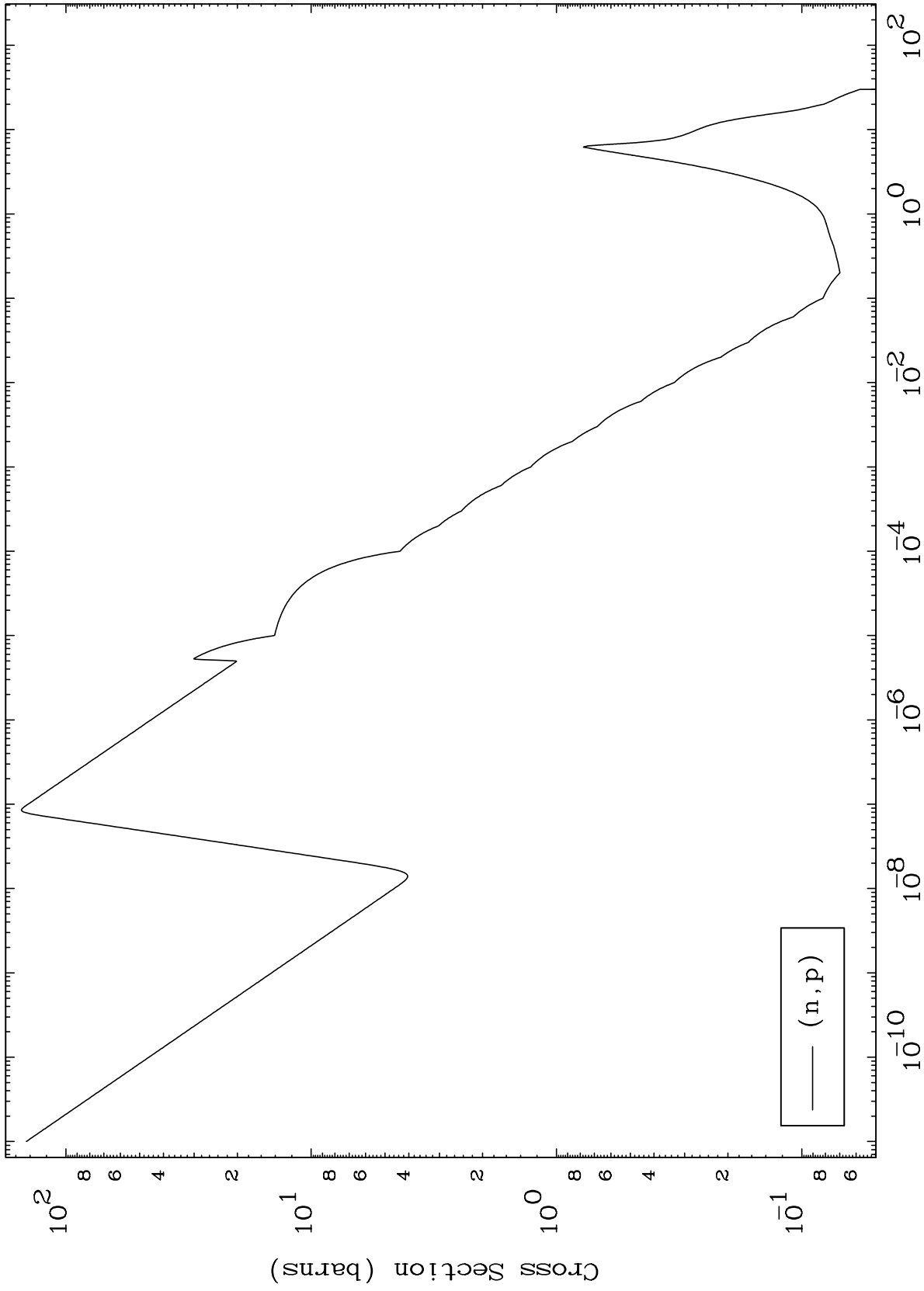




MAT 7280

(n,p) Levels
293 Kelvin Cross Sections

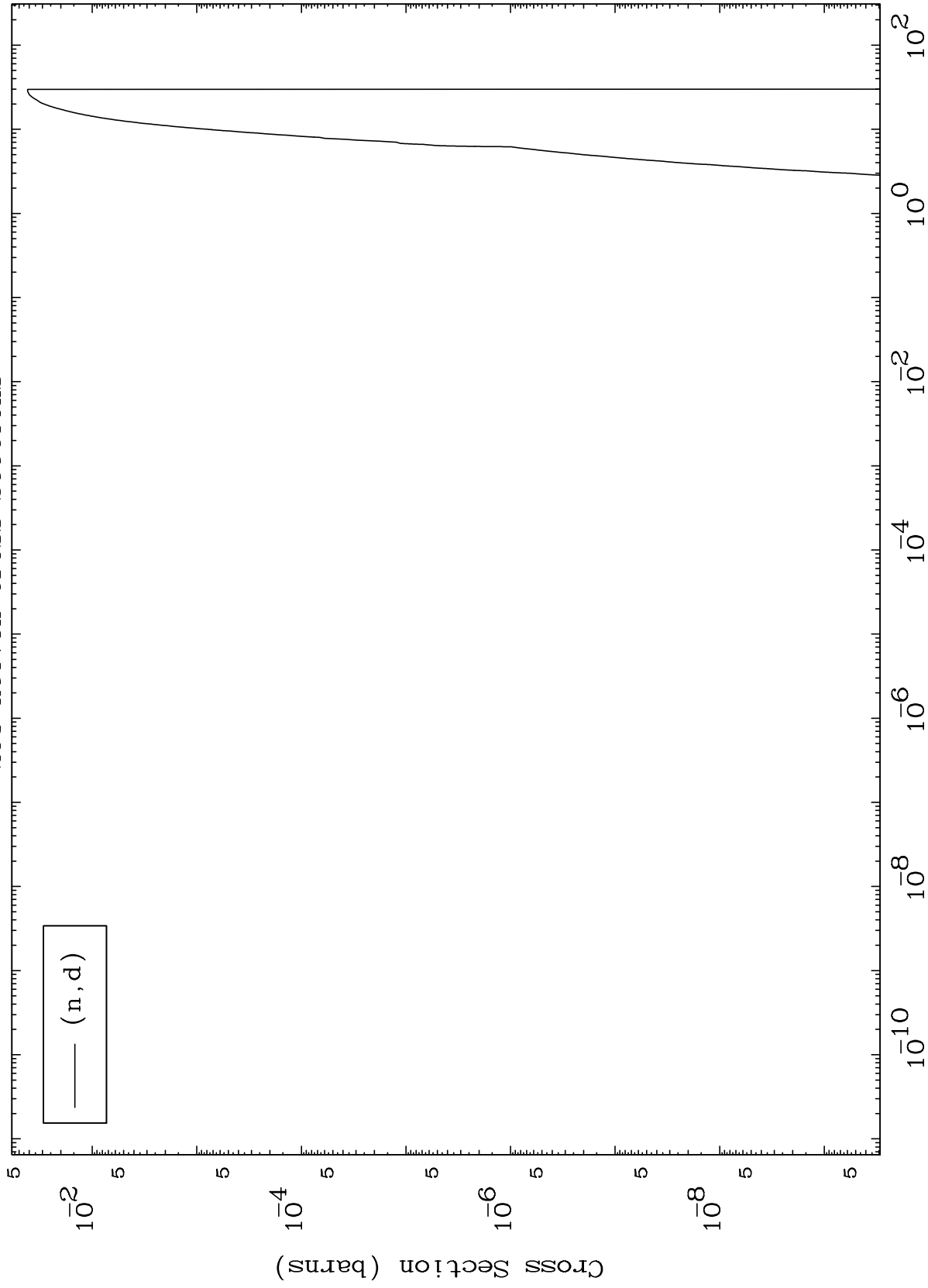
73-Ta-165



MAT 7280

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-165



10

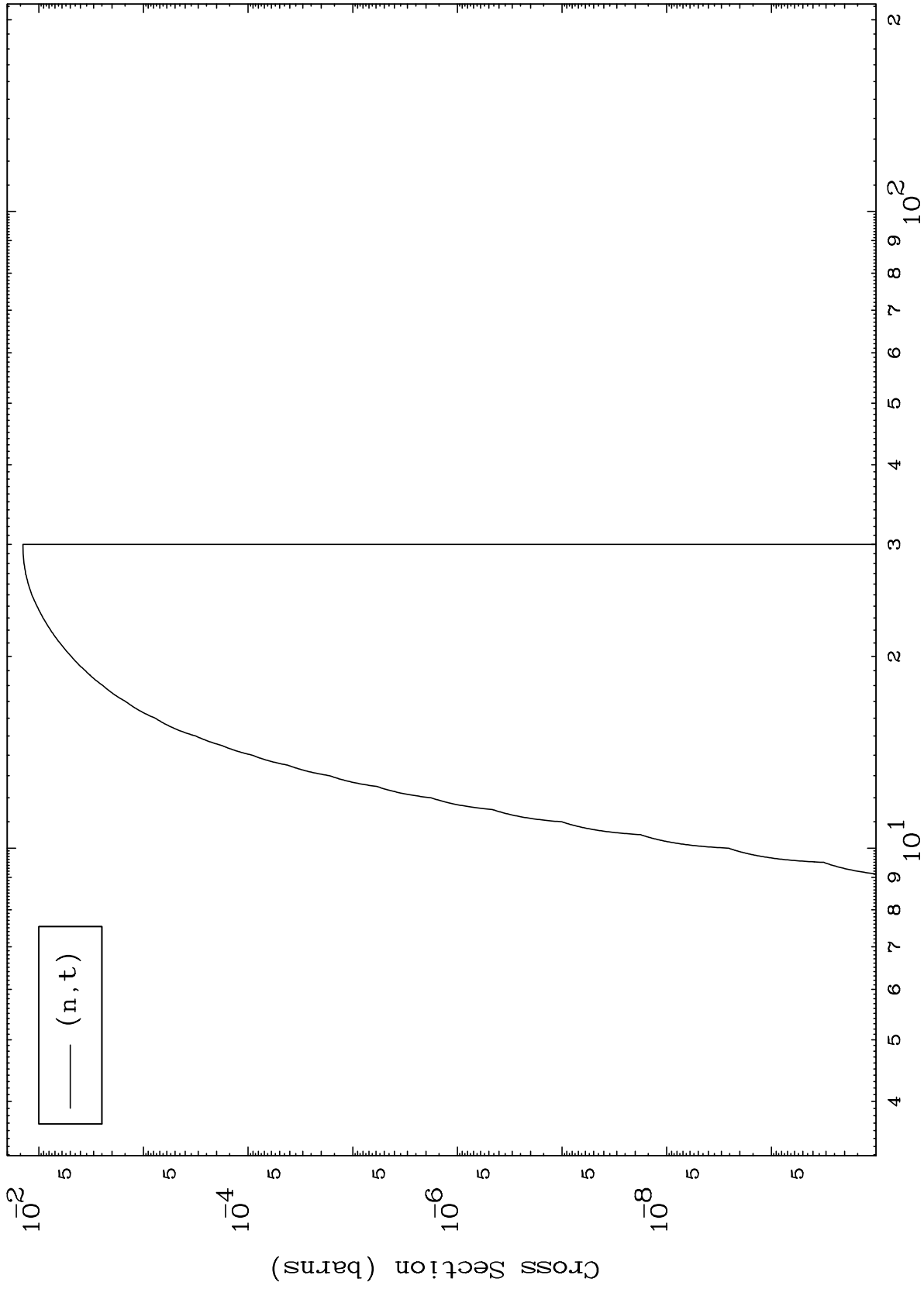
Incident Energy (MeV)

73-Ta-165

MAT 7280

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-165



11

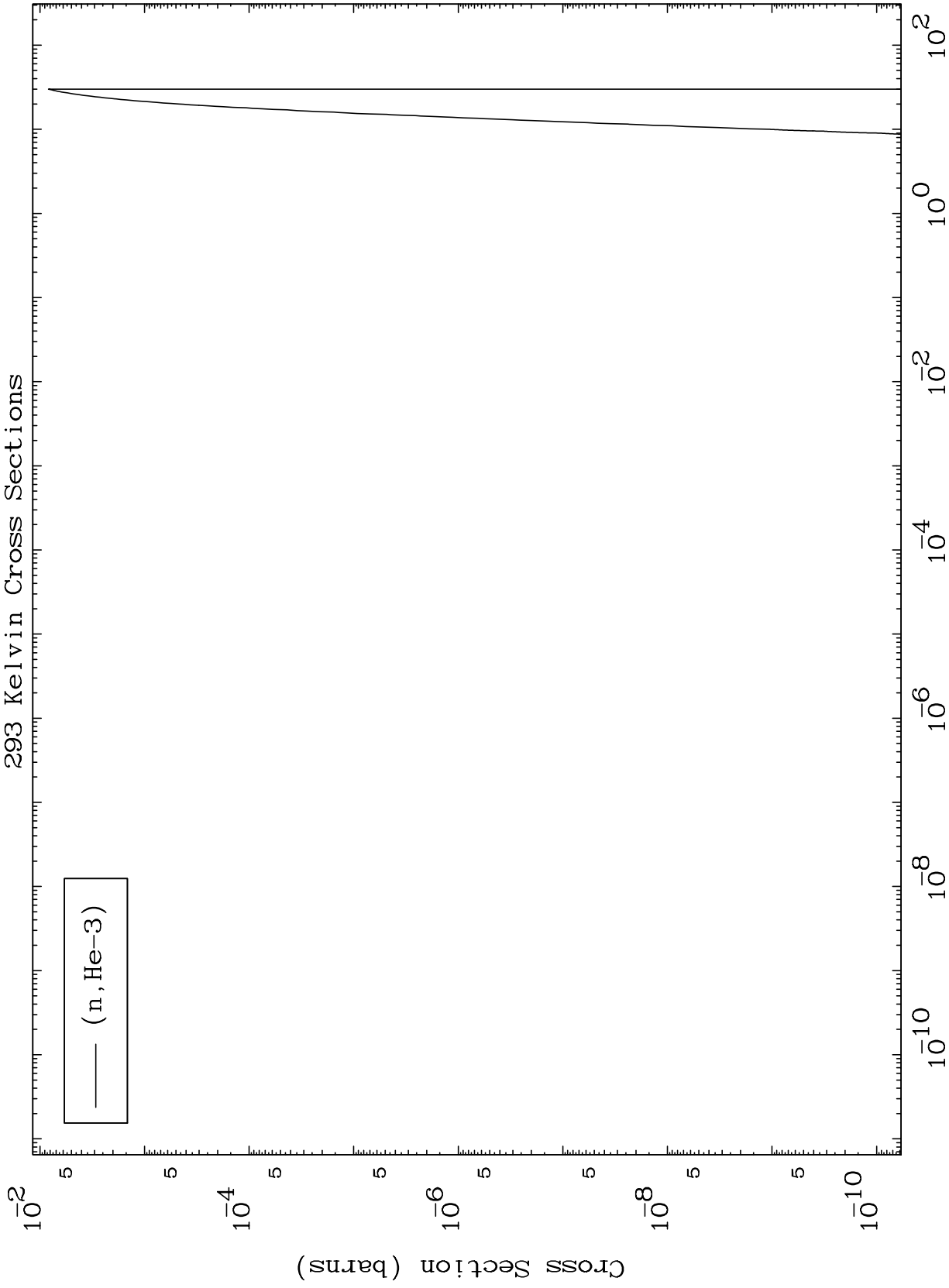
Incident Energy (MeV)

73-Ta-165

MAT 7280

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-165



12

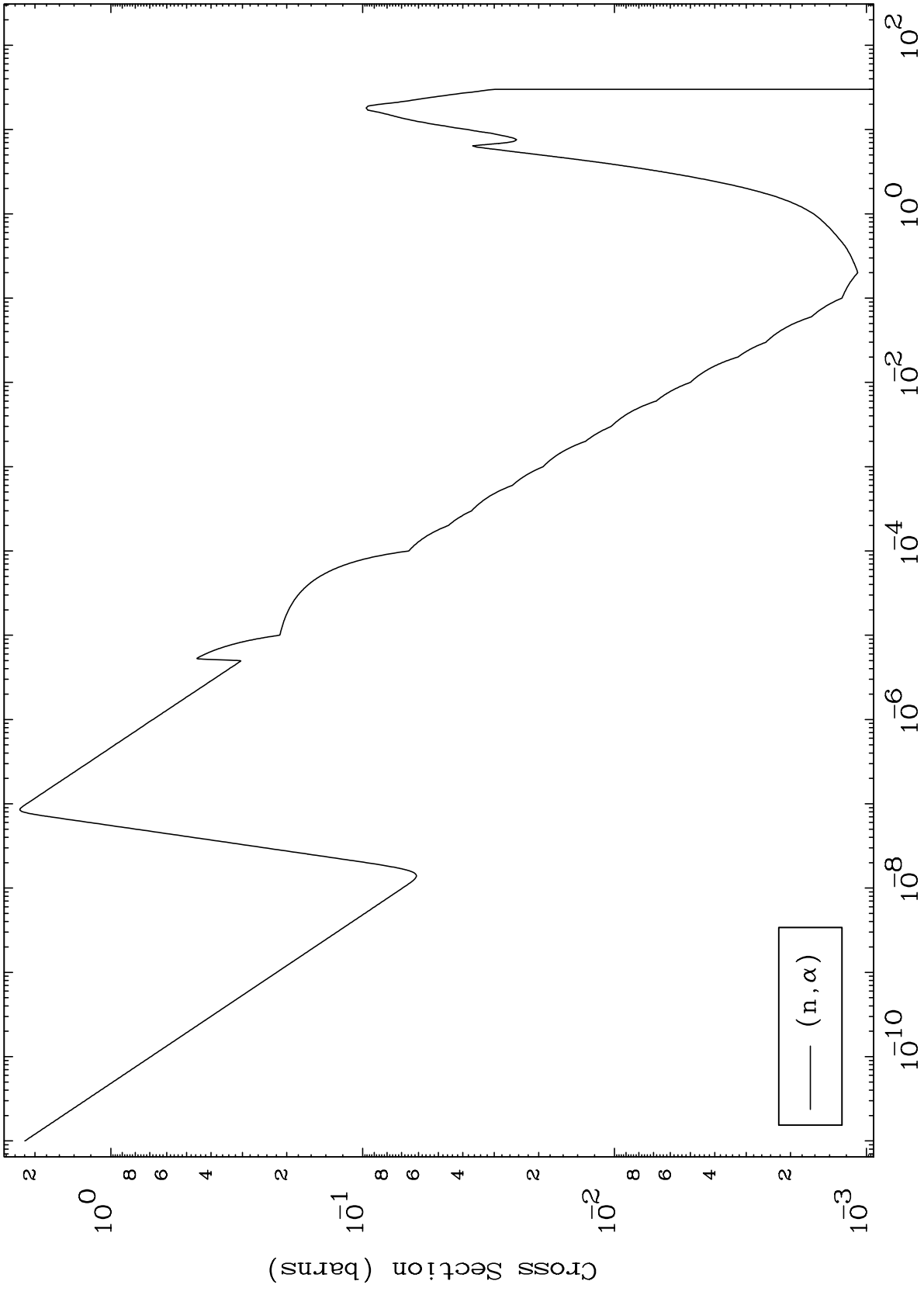
Incident Energy (MeV)

73-Ta-165

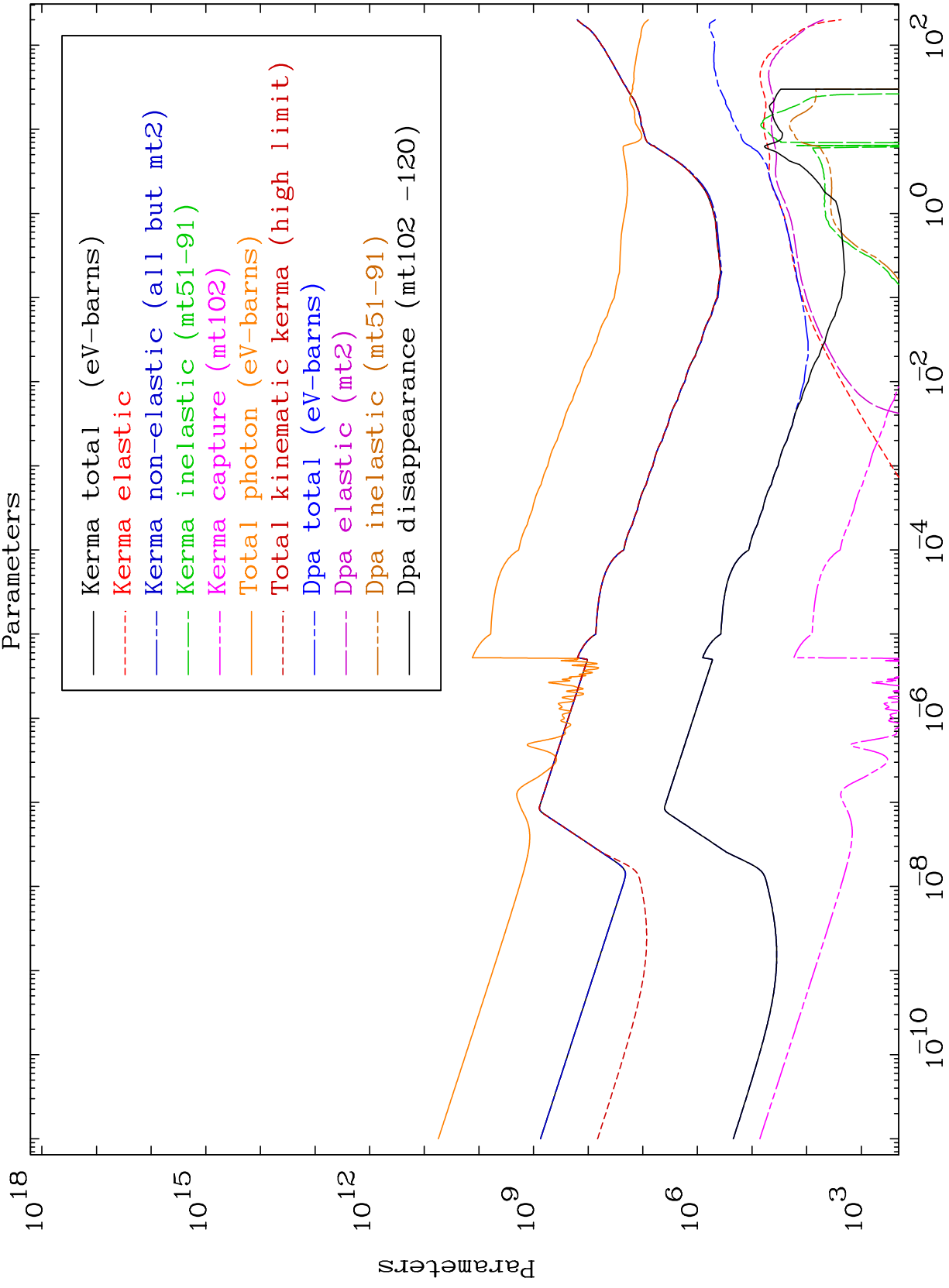
MAT 7280

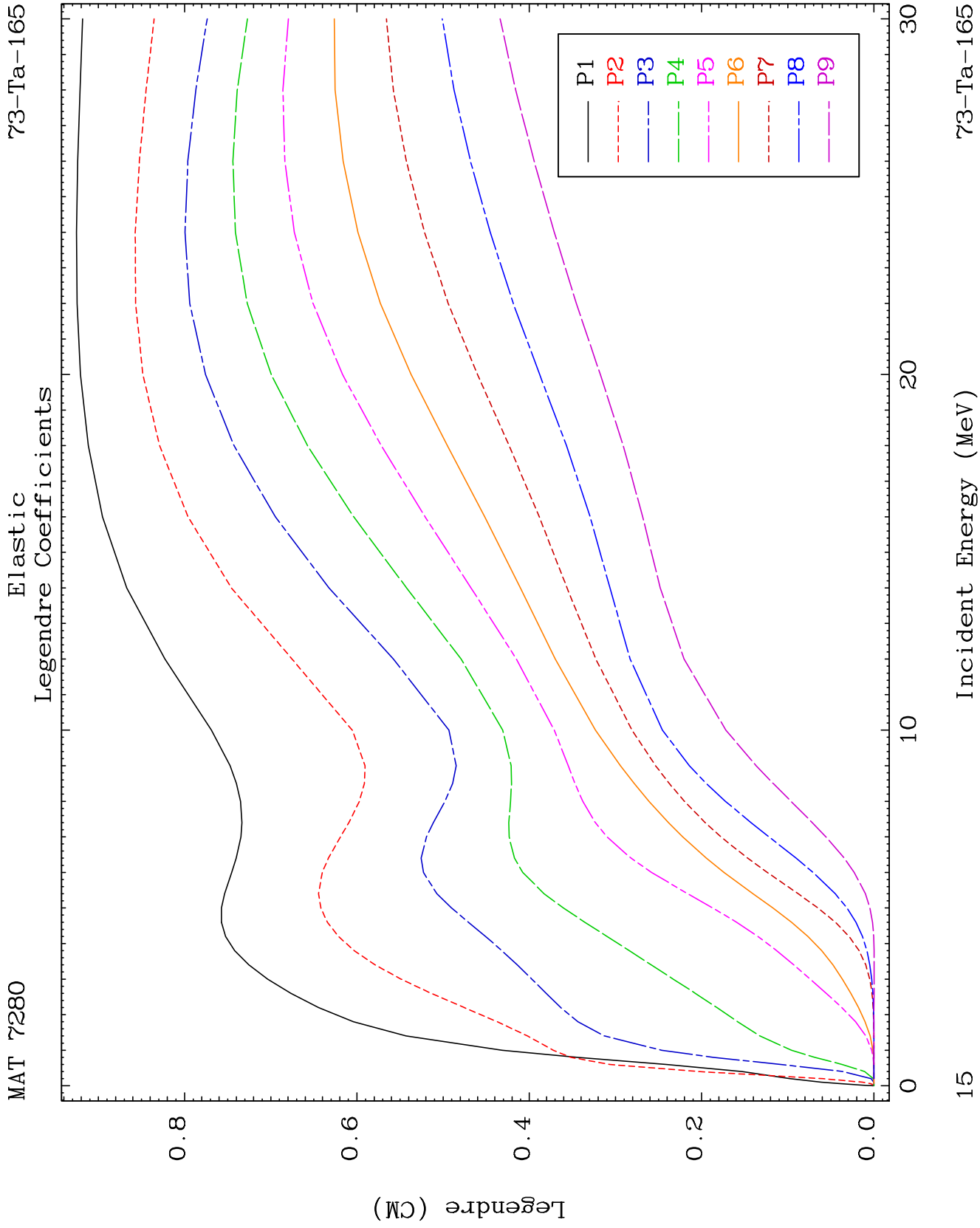
(n,α) Levels
293 Kelvin Cross Sections

73-Ta-165



— (n,α)

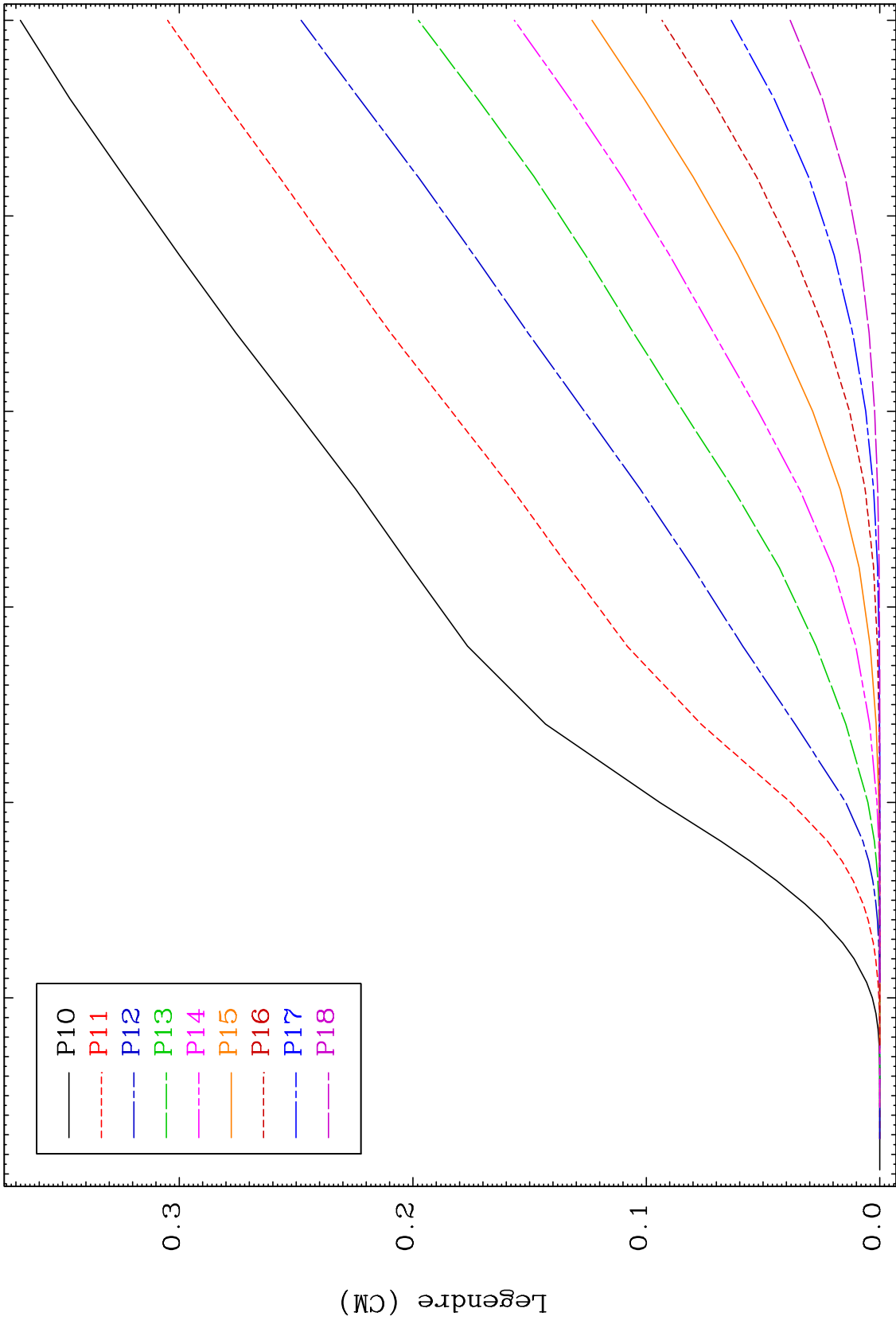




MAT 7280

Elastic Legendre Coefficients

⁷³Ta-165



16

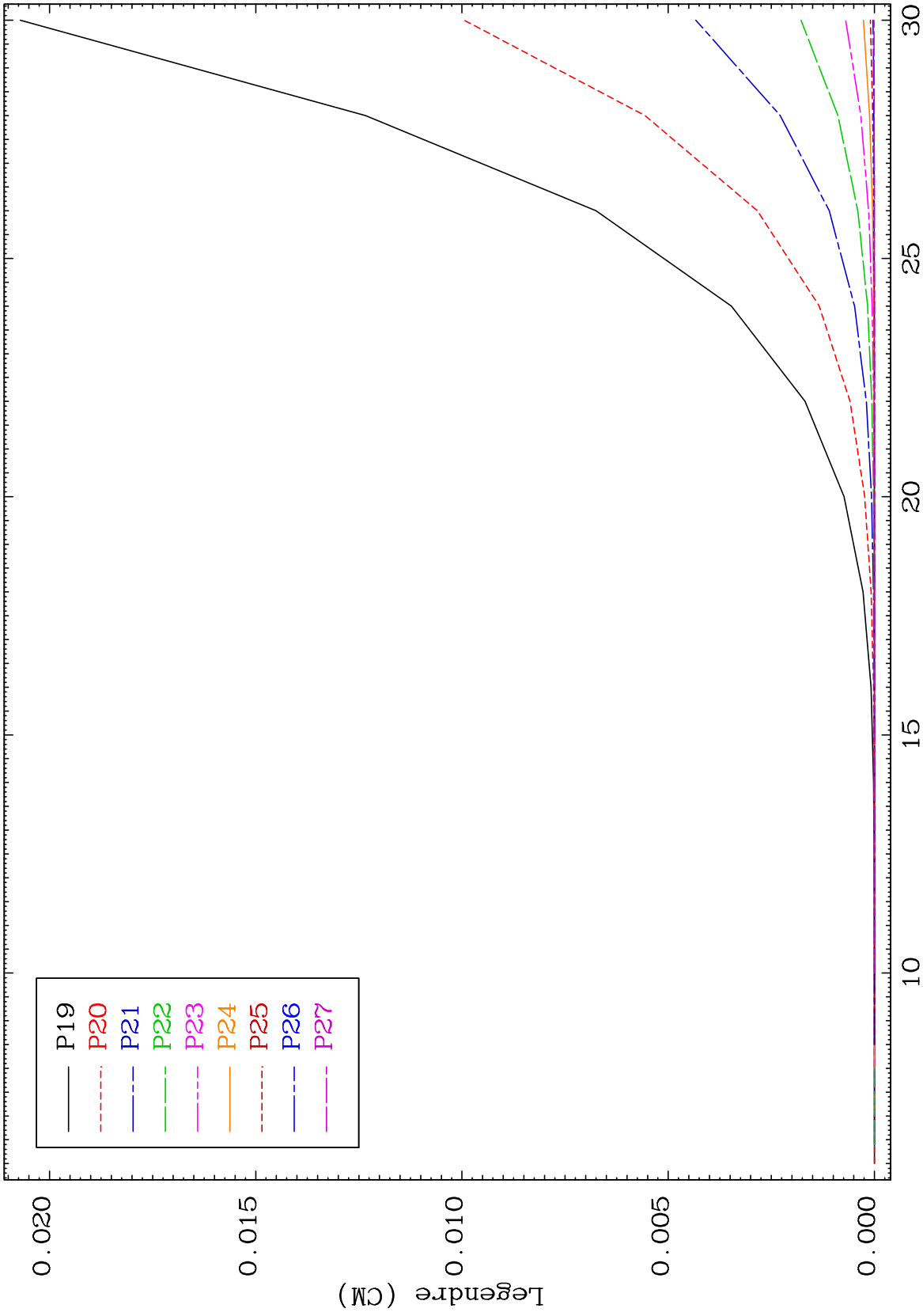
Incident Energy (MeV)

⁷³Ta-165

MAT 7280

Elastic Legendre Coefficients

73-Ta-165



17

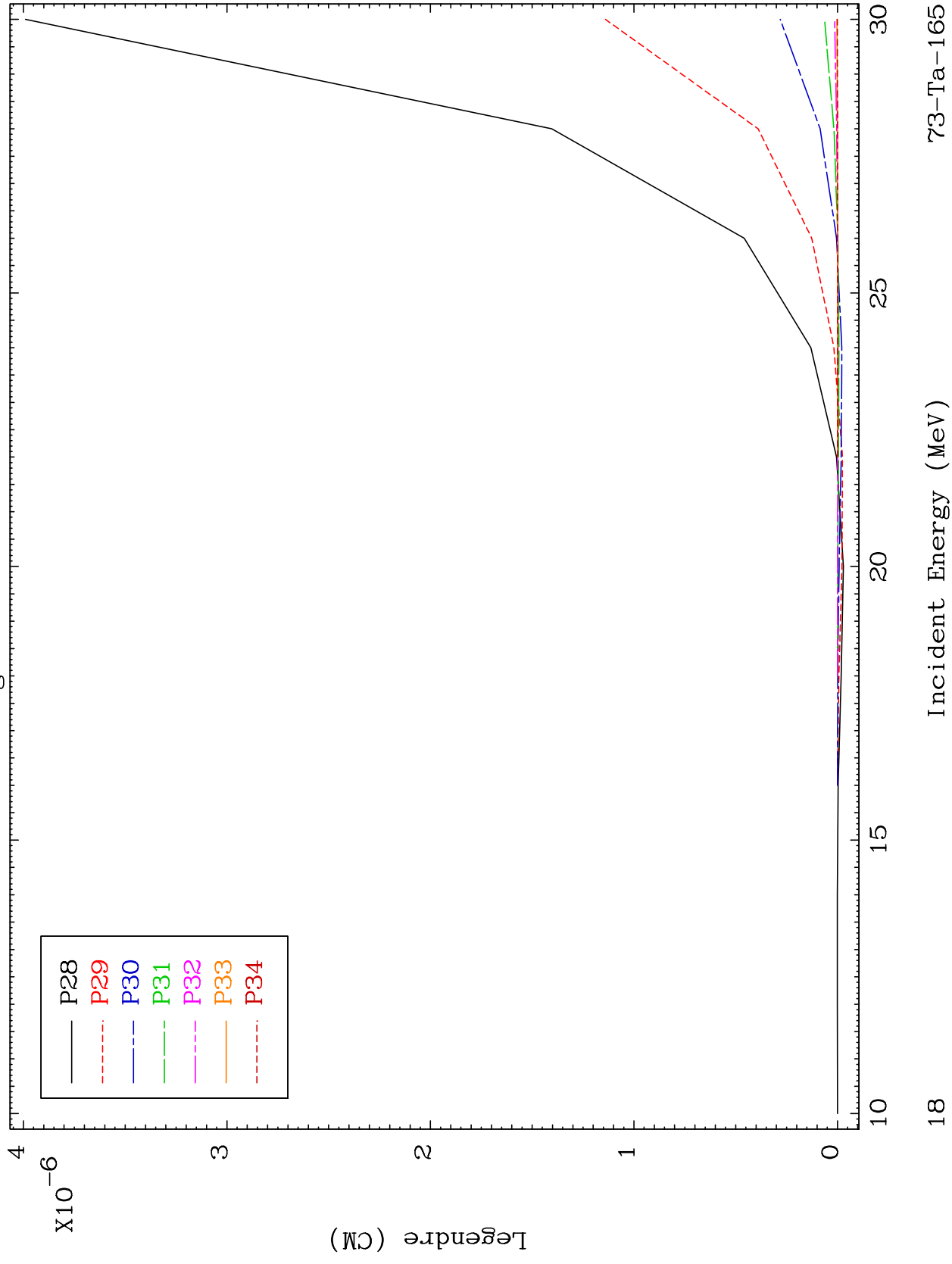
Incident Energy (MeV)

73-Ta-165

MAT 7280

Elastic Legendre Coefficients

⁷³Ta-165



18

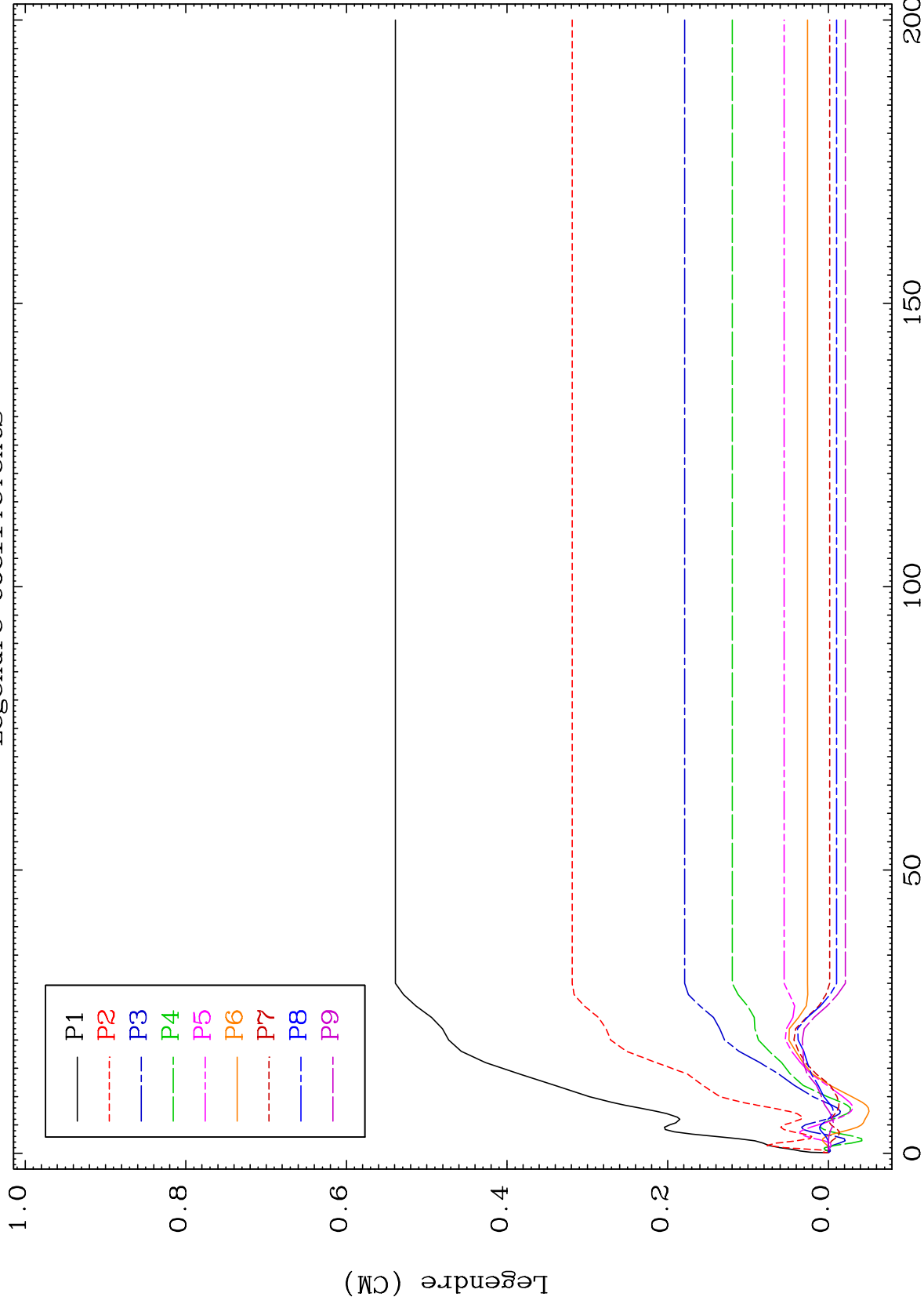
Incident Energy (MeV)

⁷³Ta-165

MAT 7280

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

73-Ta-165

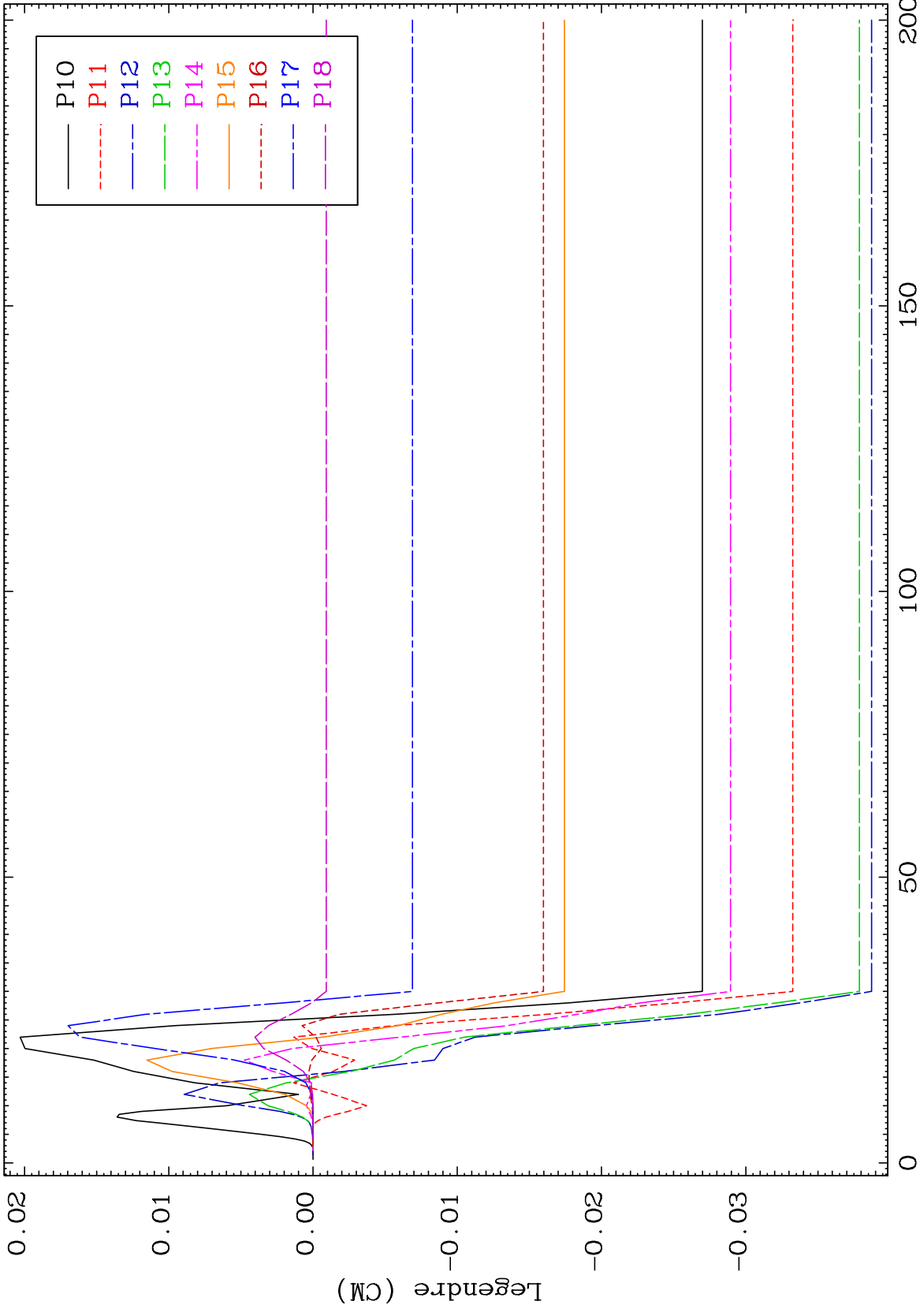


19

MAT 7280

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

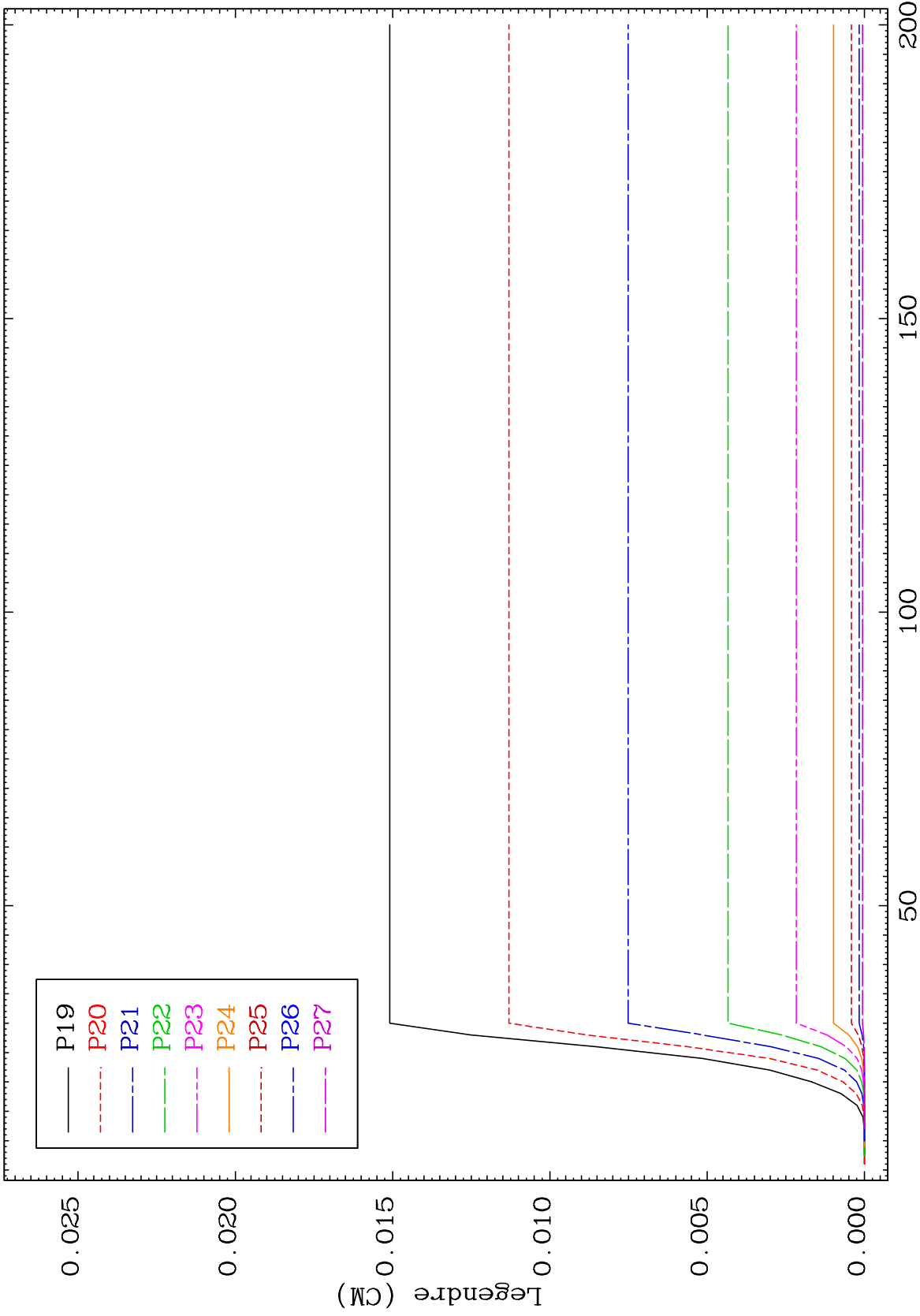
73-Ta-165



20

Incident Energy (MeV)

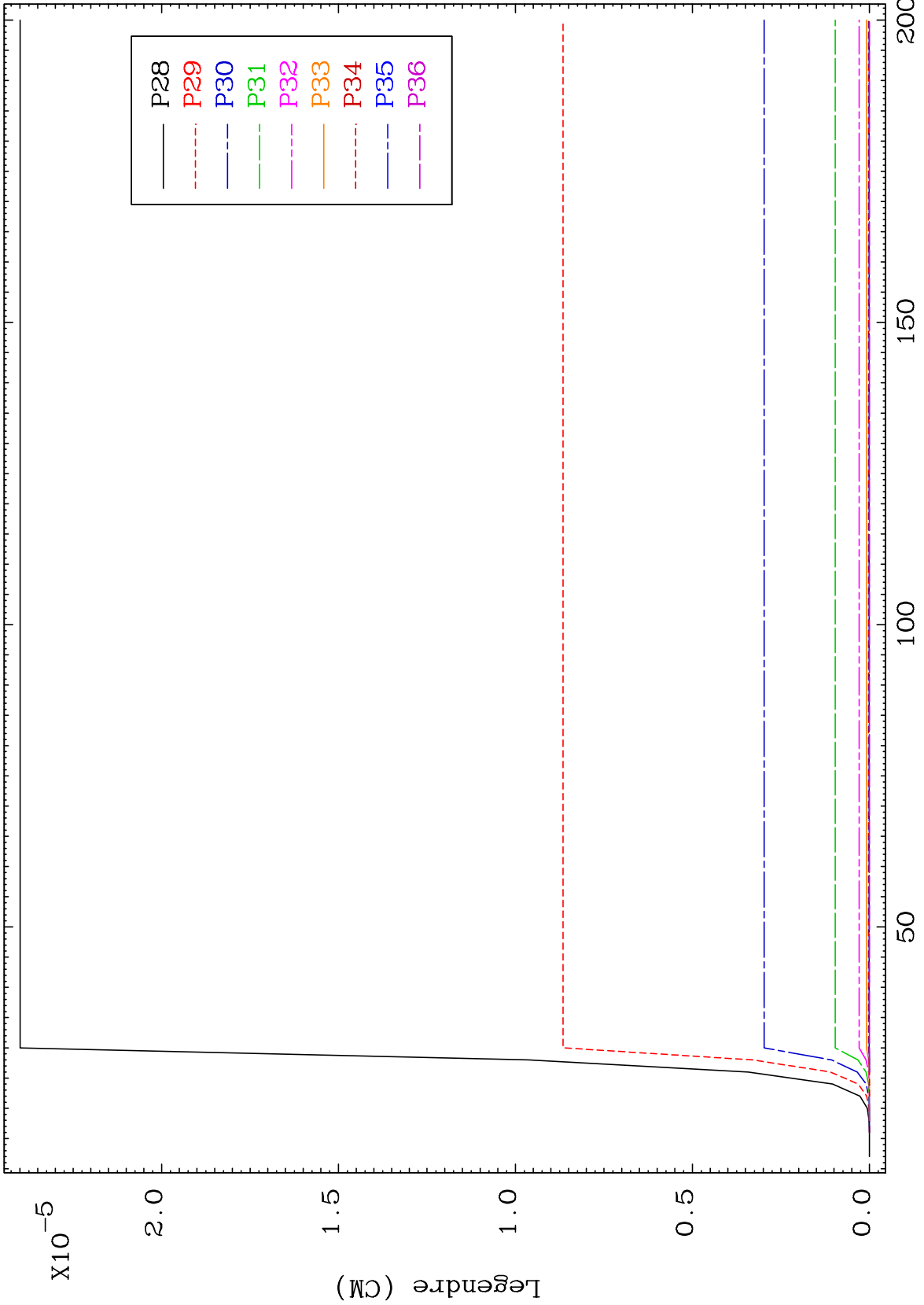
73-Ta-165



MAT 7280

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

73-Ta-165



22

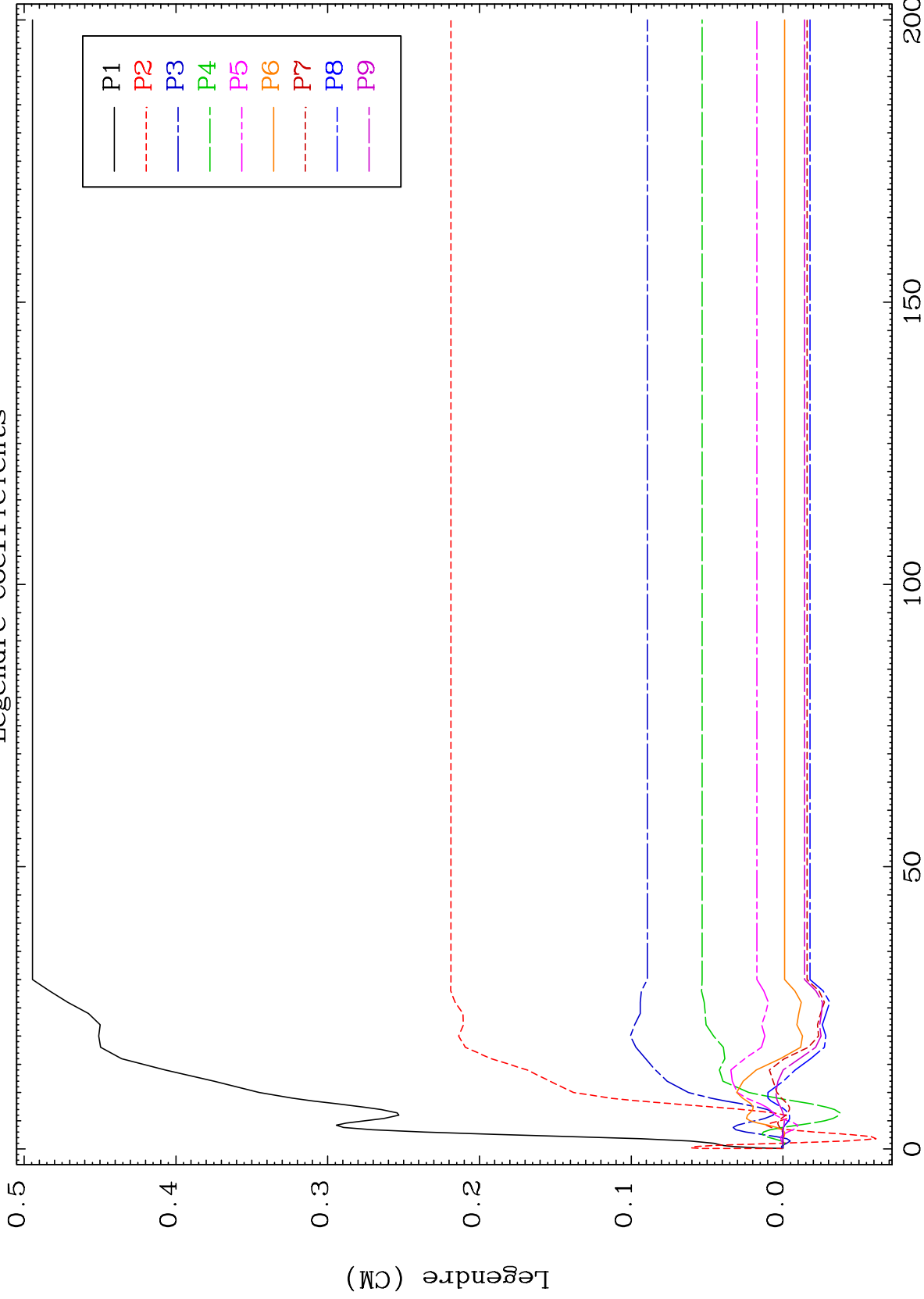
Incident Energy (MeV)

73-Ta-165

MAT 7280

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

73-Ta-165



23

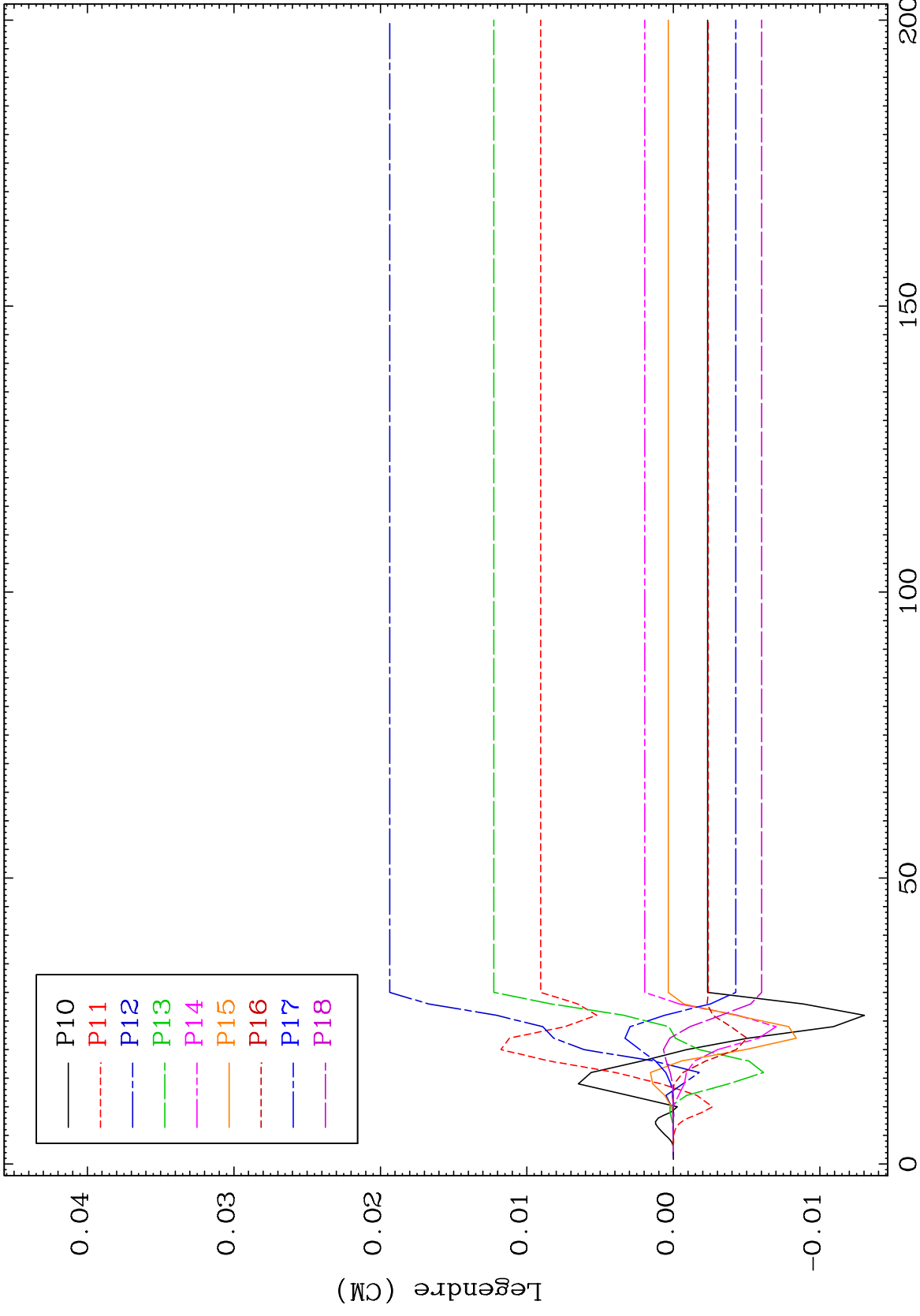
Incident Energy (MeV)

73-Ta-165

MAT 7280

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

73-Ta-165



24

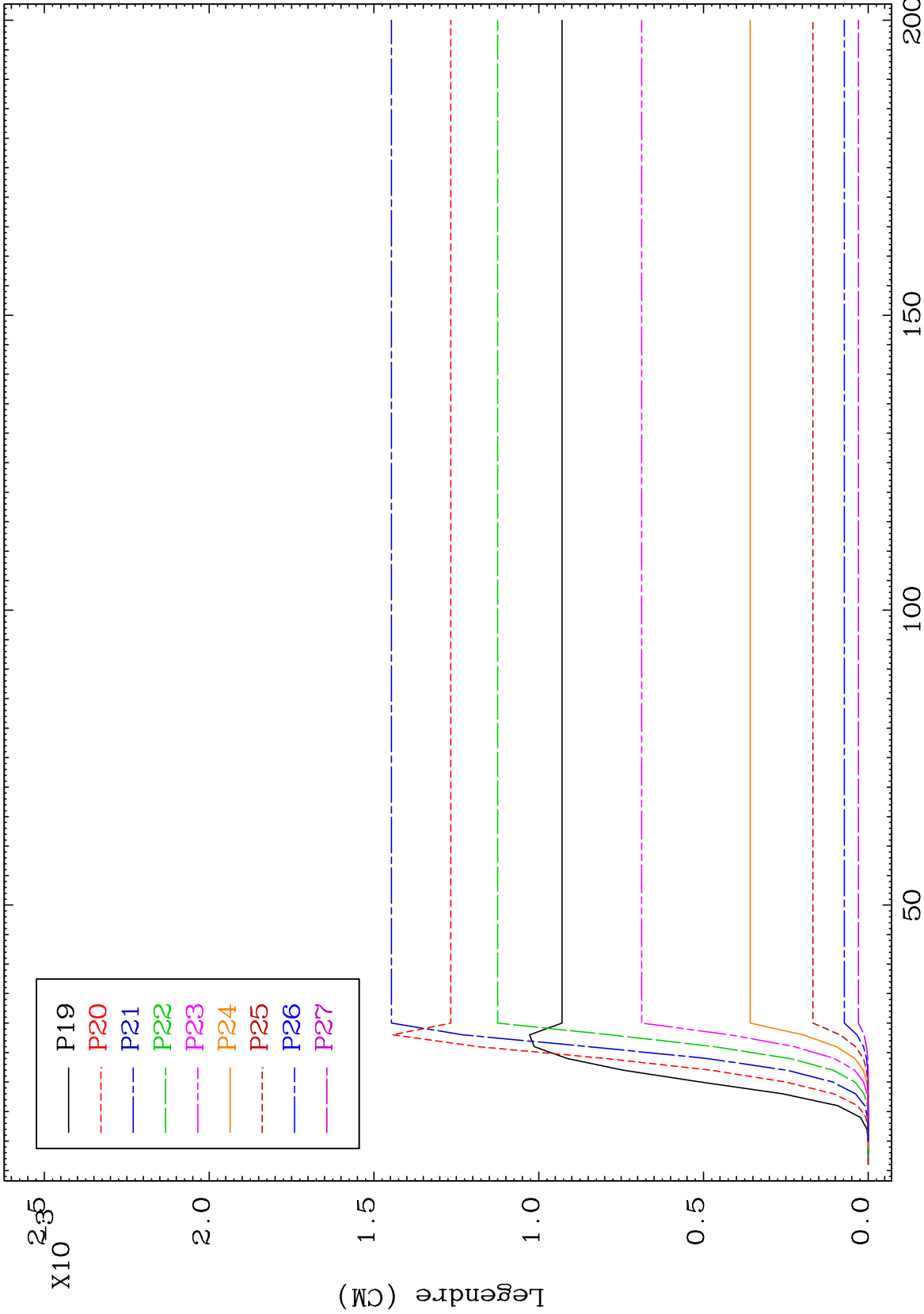
Incident Energy (MeV)

73-Ta-165

MAT 7280

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

73-Ta-165



25

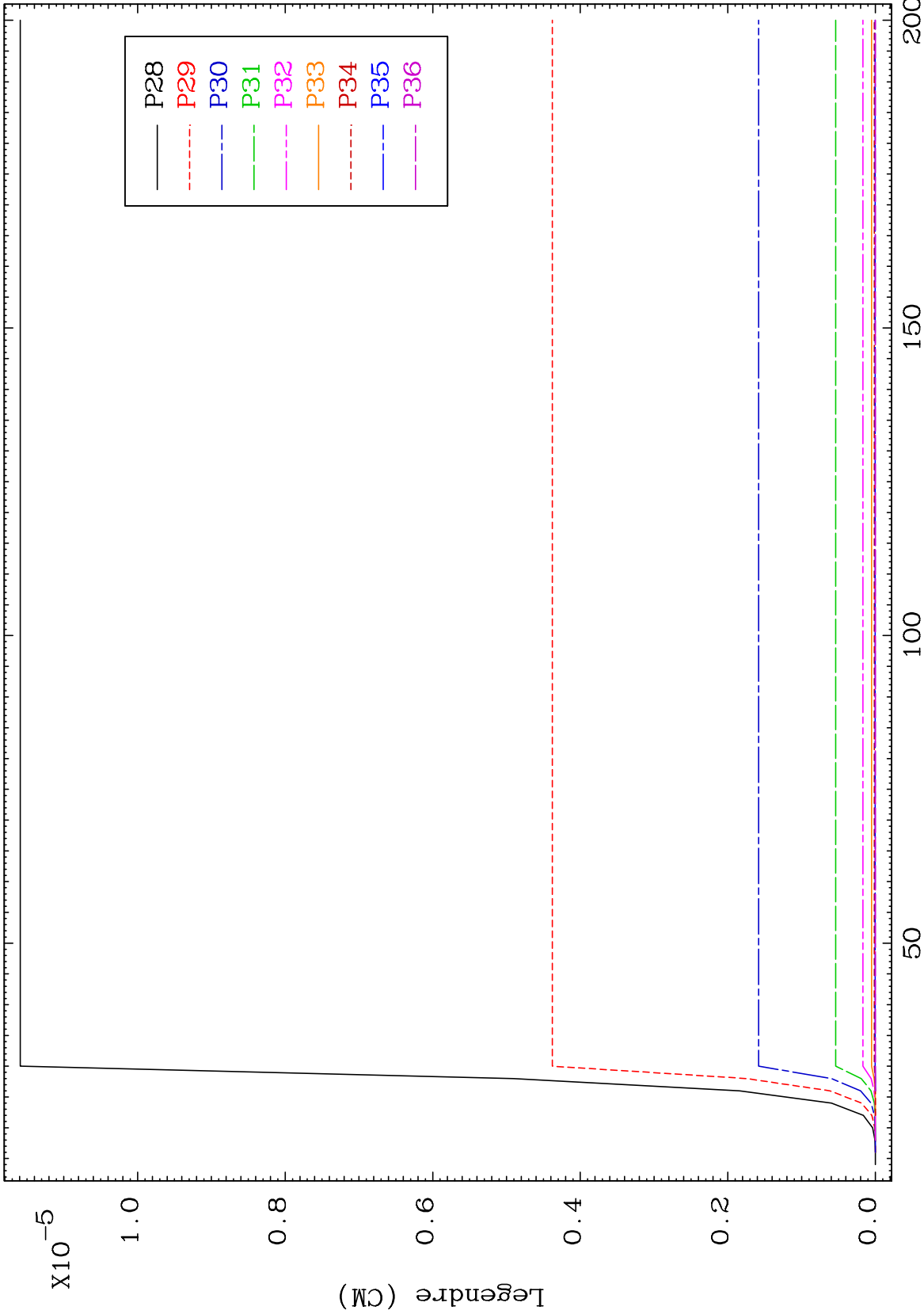
Incident Energy (MeV)

73-Ta-165

MAT 7280

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

73-Ta-165



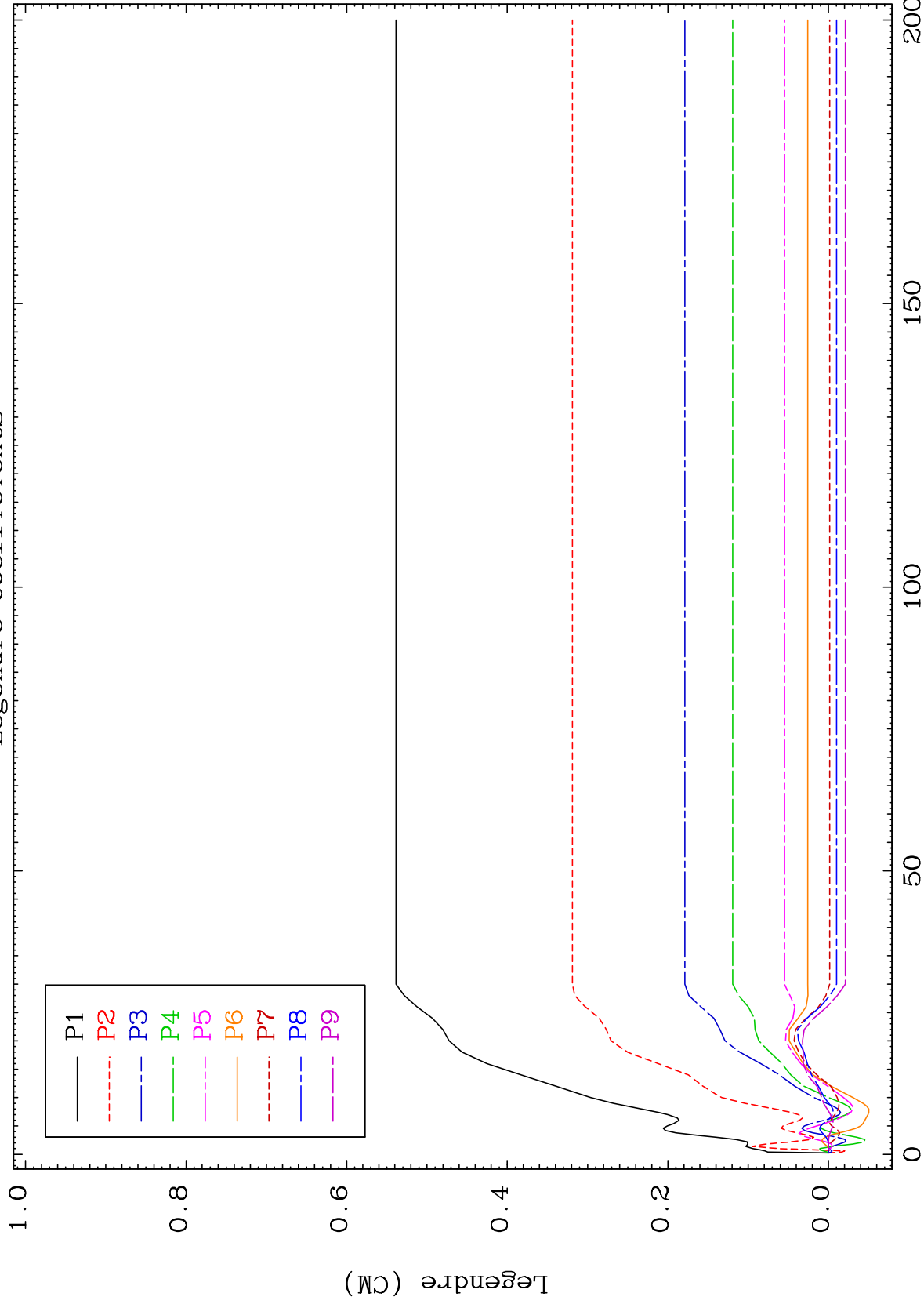
26

73-Ta-165

MAT 7280

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

73-Ta-165



27

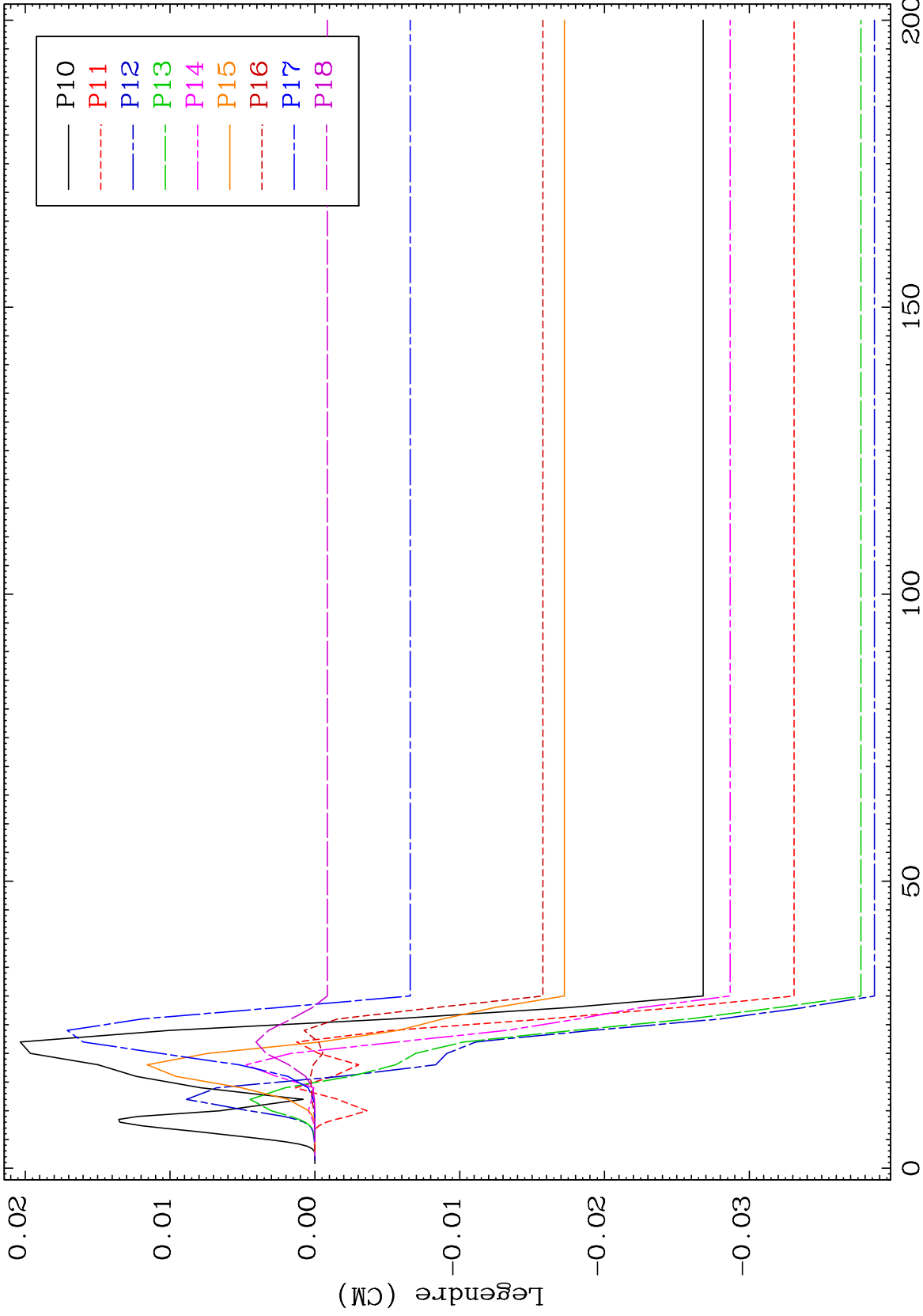
Incident Energy (MeV)

73-Ta-165

MAT 7280

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

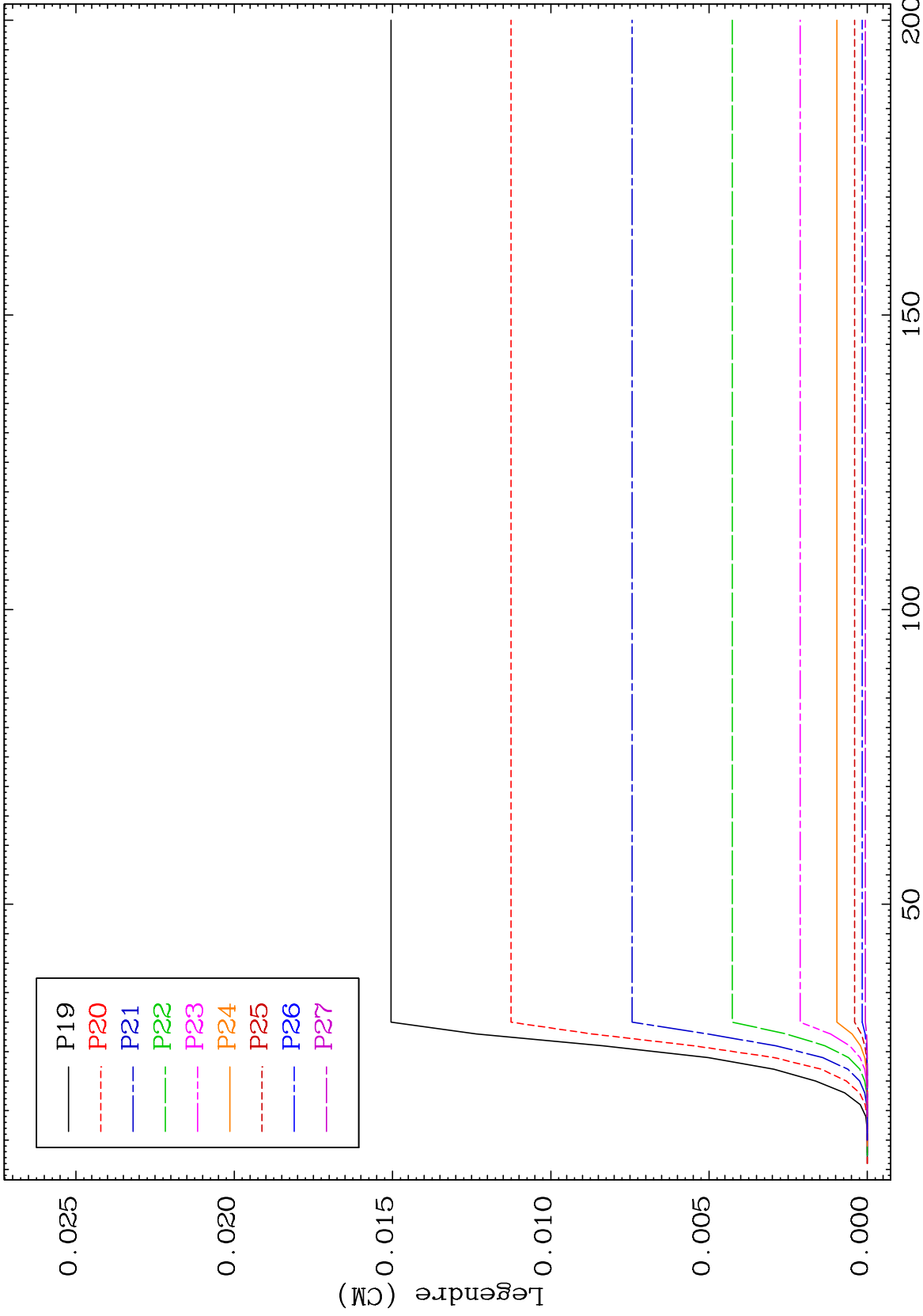
73-Ta-165



28

Incident Energy (MeV)

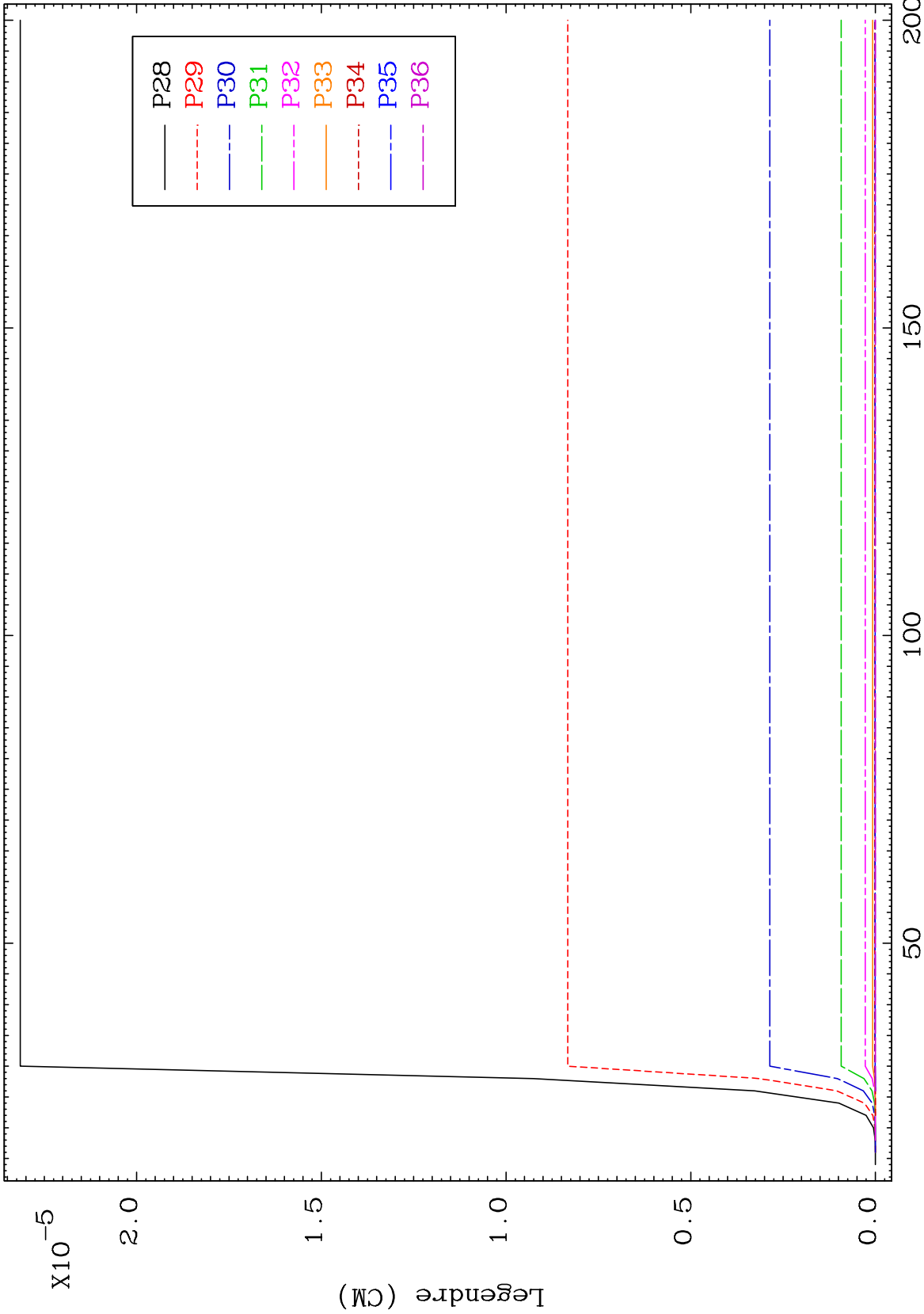
73-Ta-165



MAT 7280

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

73-Ta-165



30

Incident Energy (MeV)

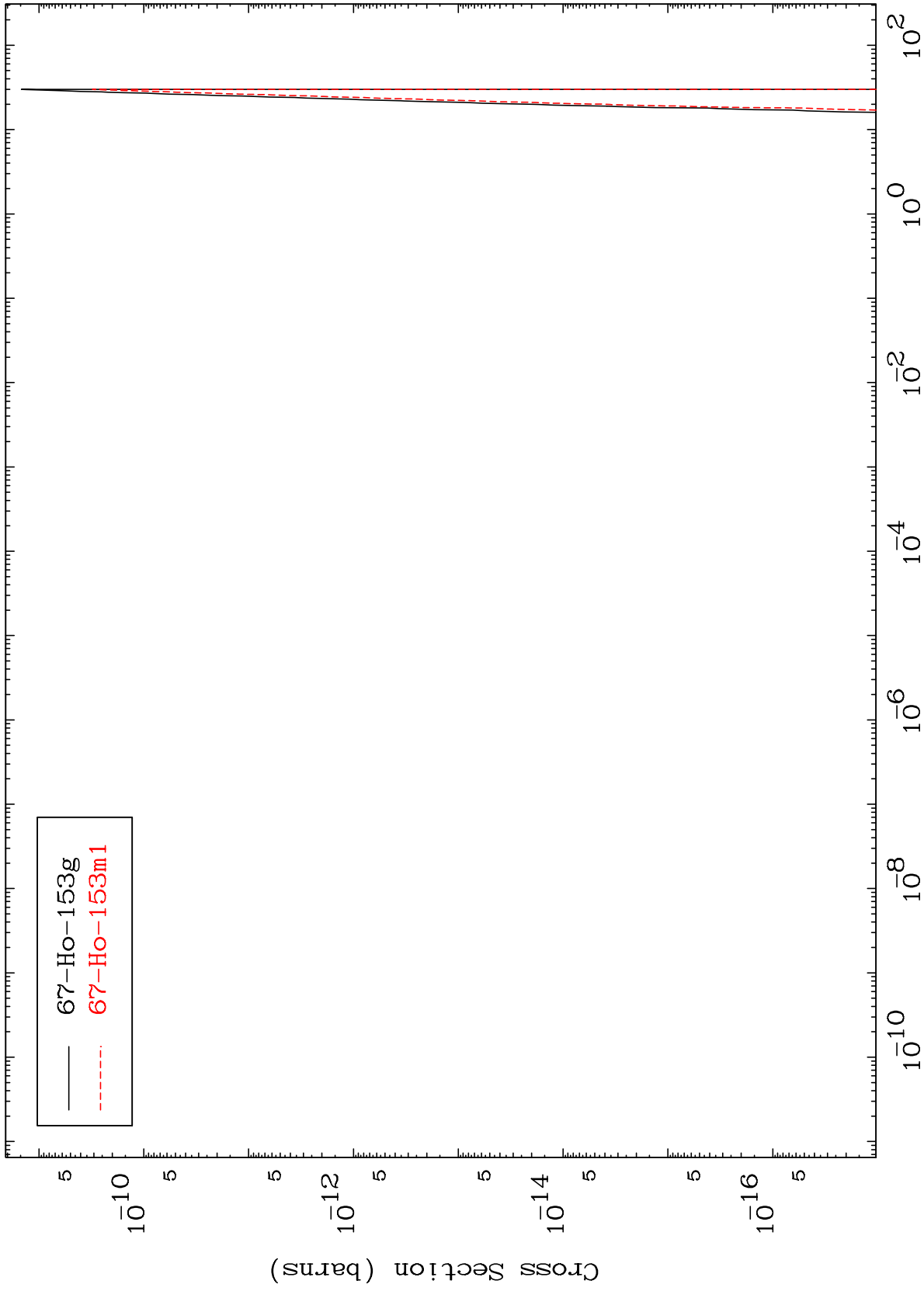
73-Ta-165

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(n,n') 3 α

⁷³Ta-165

Radionuclide Production Cross Section



31

Incident Energy (MeV)

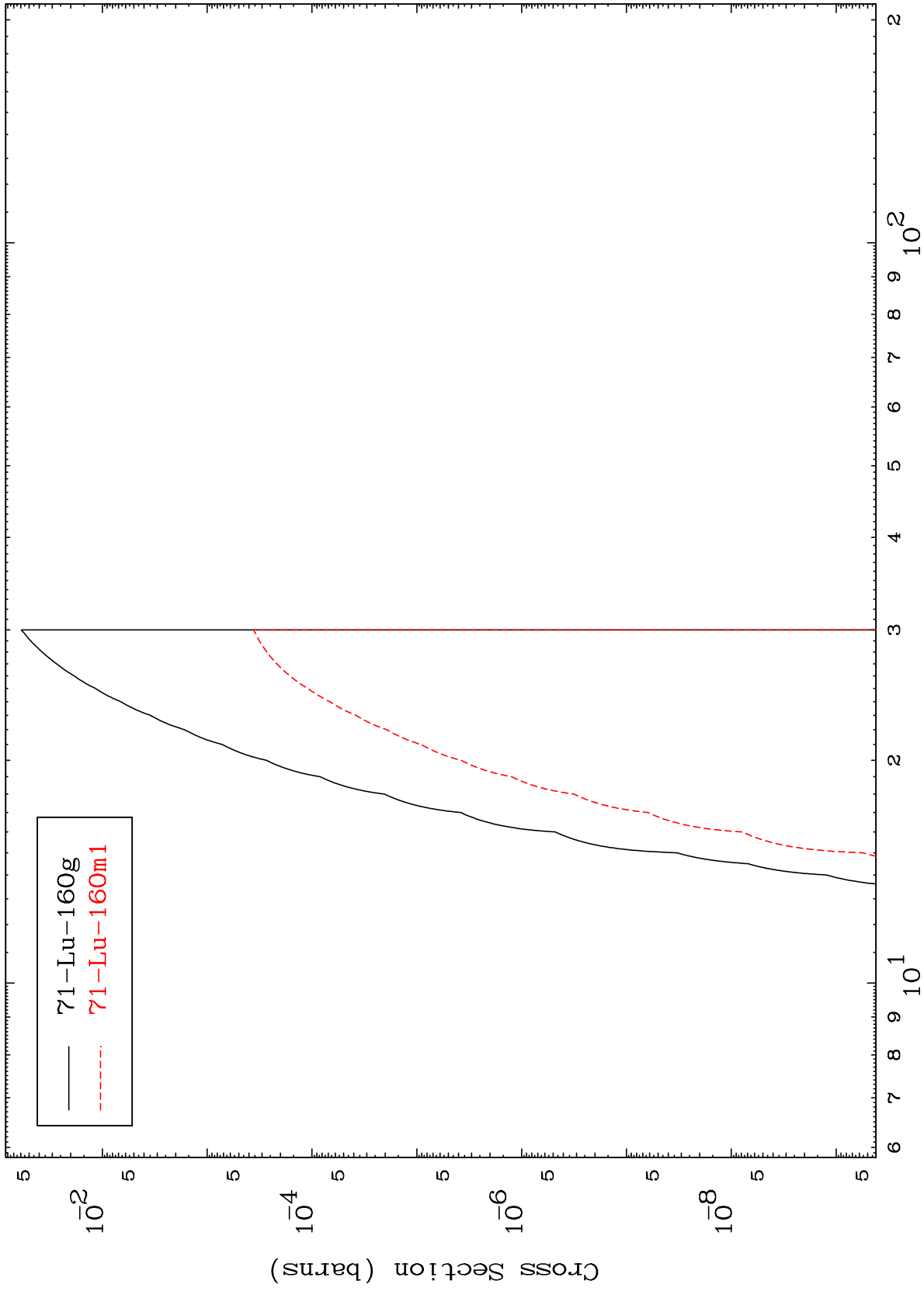
⁷³Ta-165

MAT 7280

$(n, 2n) \alpha$

$^{73}\text{Ta-165}$

Radionuclide Production Cross Section



32

Incident Energy (MeV)

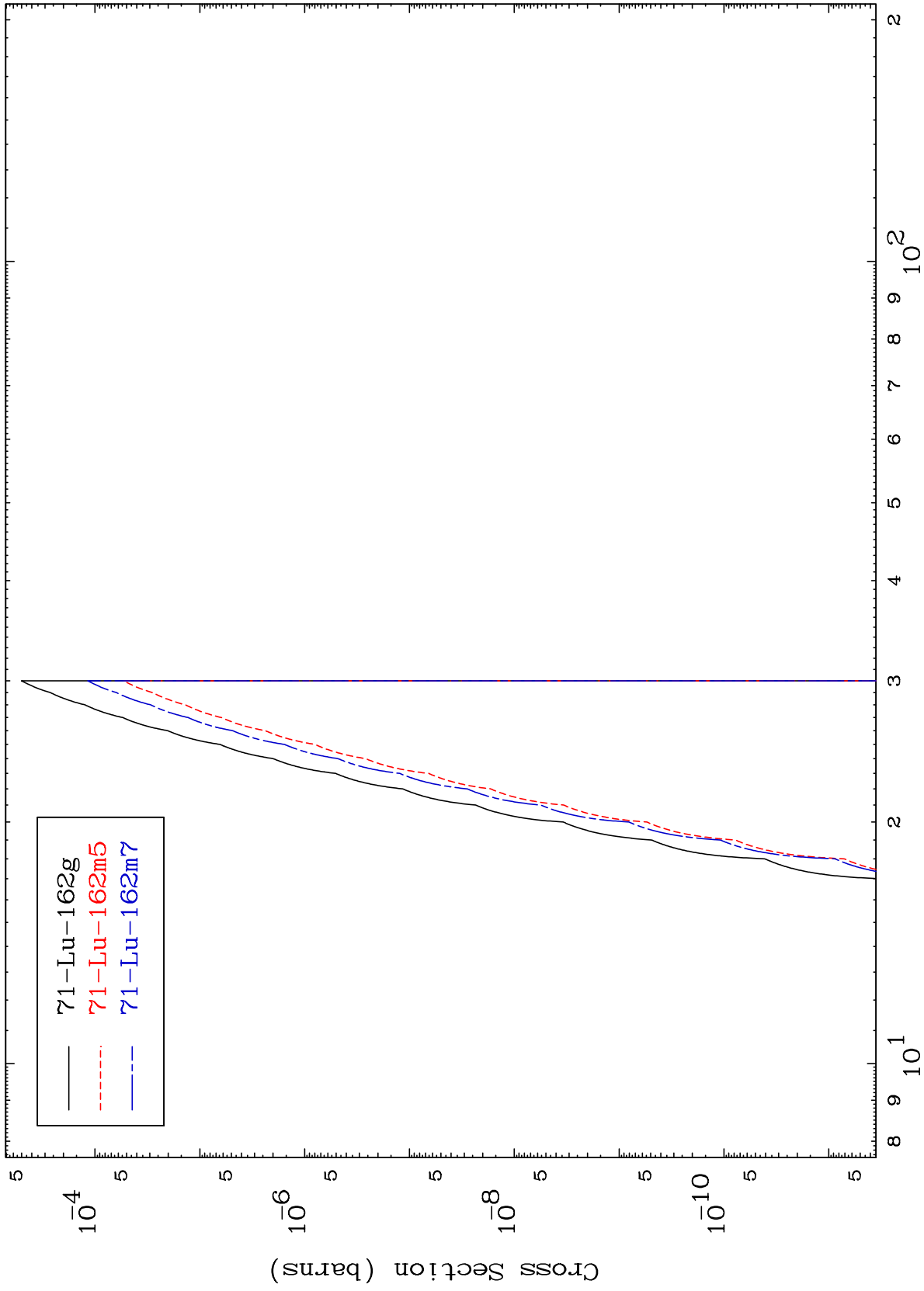
$^{73}\text{Ta-165}$

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(n, n') He-3

73-Ta-165

Radionuclide Production Cross Section



33

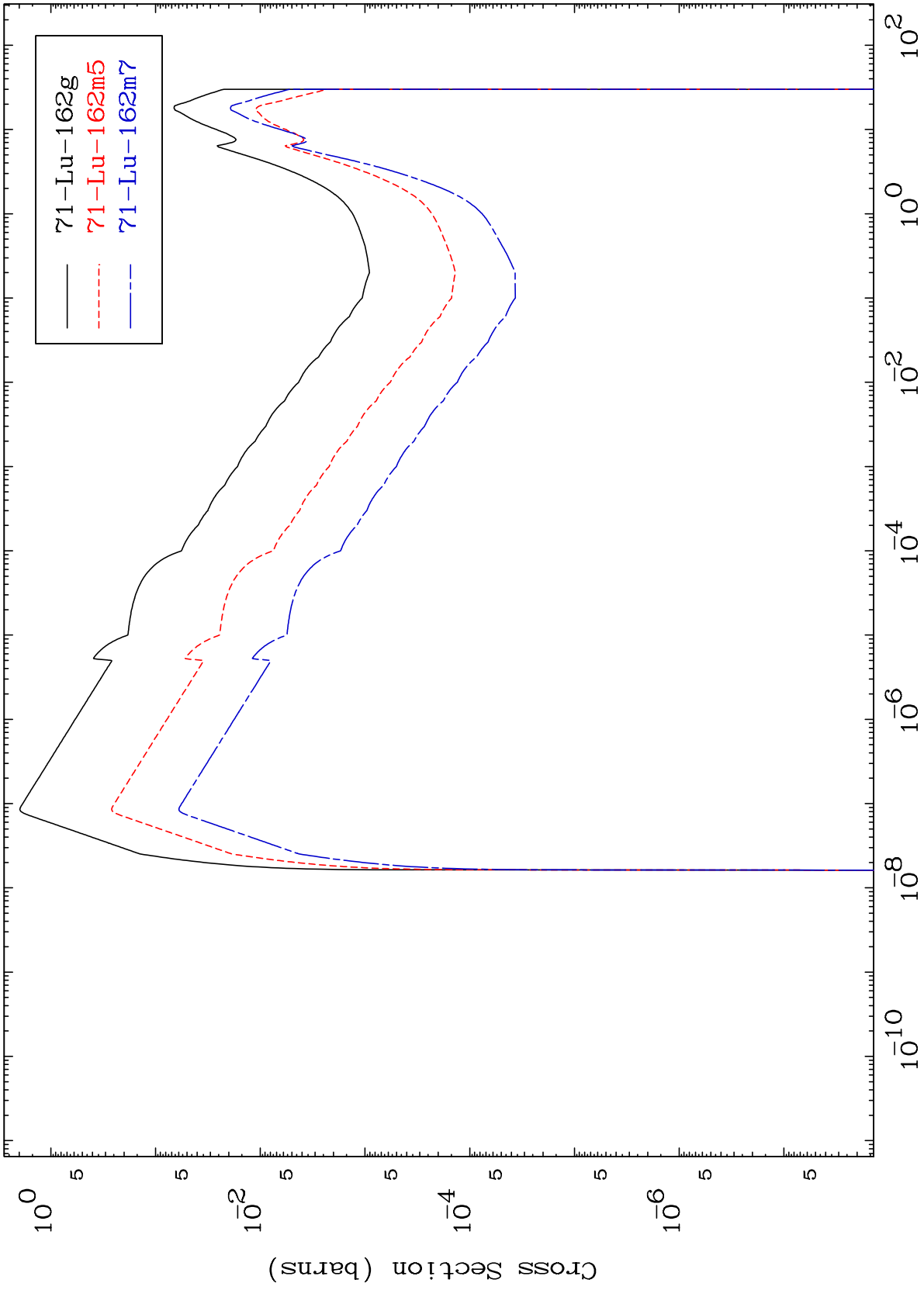
Incident Energy (MeV)

73-Ta-165

MAT 7280

73-Ta-165

Radionuclide Production Cross Section



34

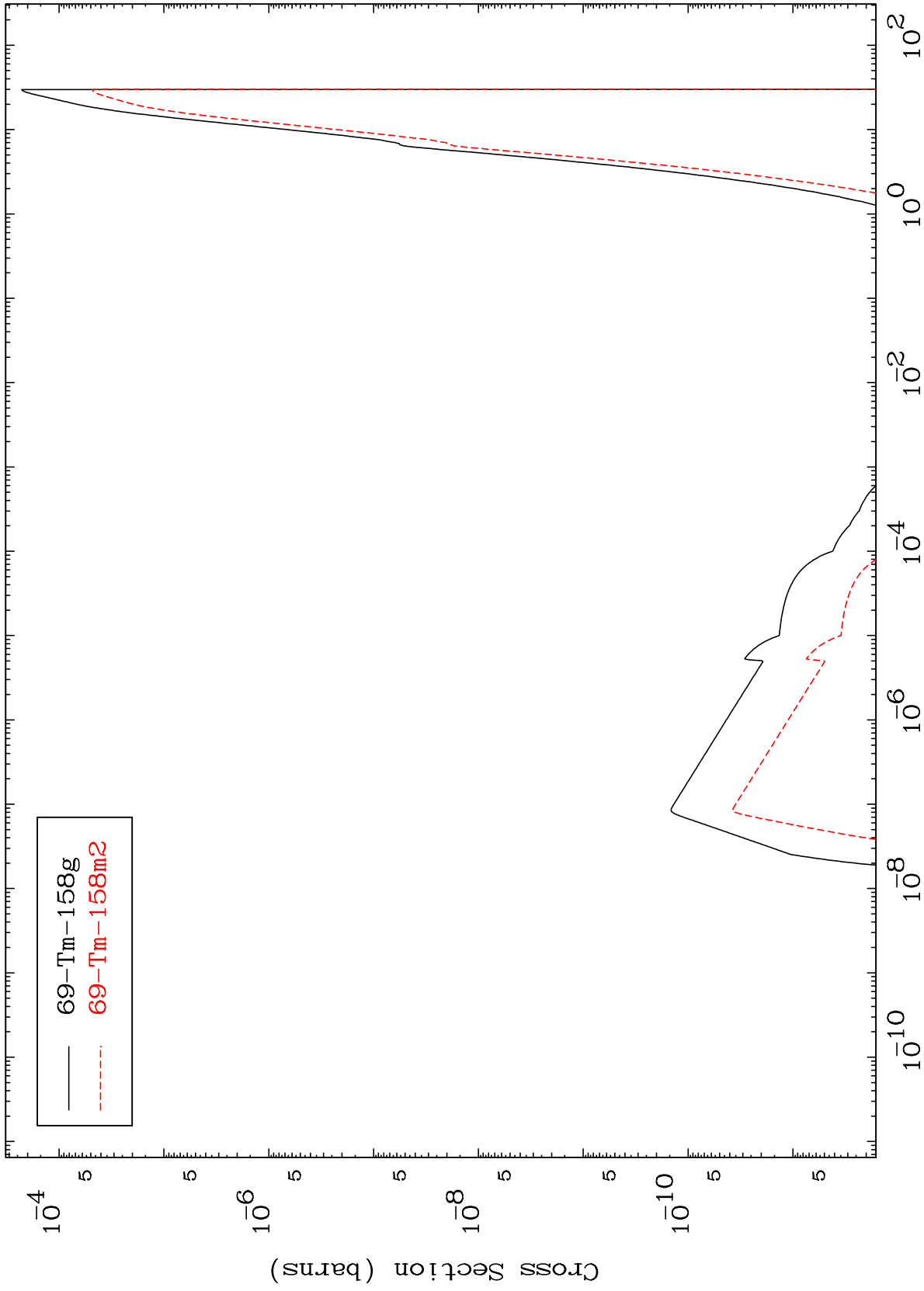
73-Ta-165

MAT 7280

(n,2α)

73-Ta-165

Radionuclide Production Cross Section



69-Tm-158g
69-Tm-158m2

35

Incident Energy (MeV)

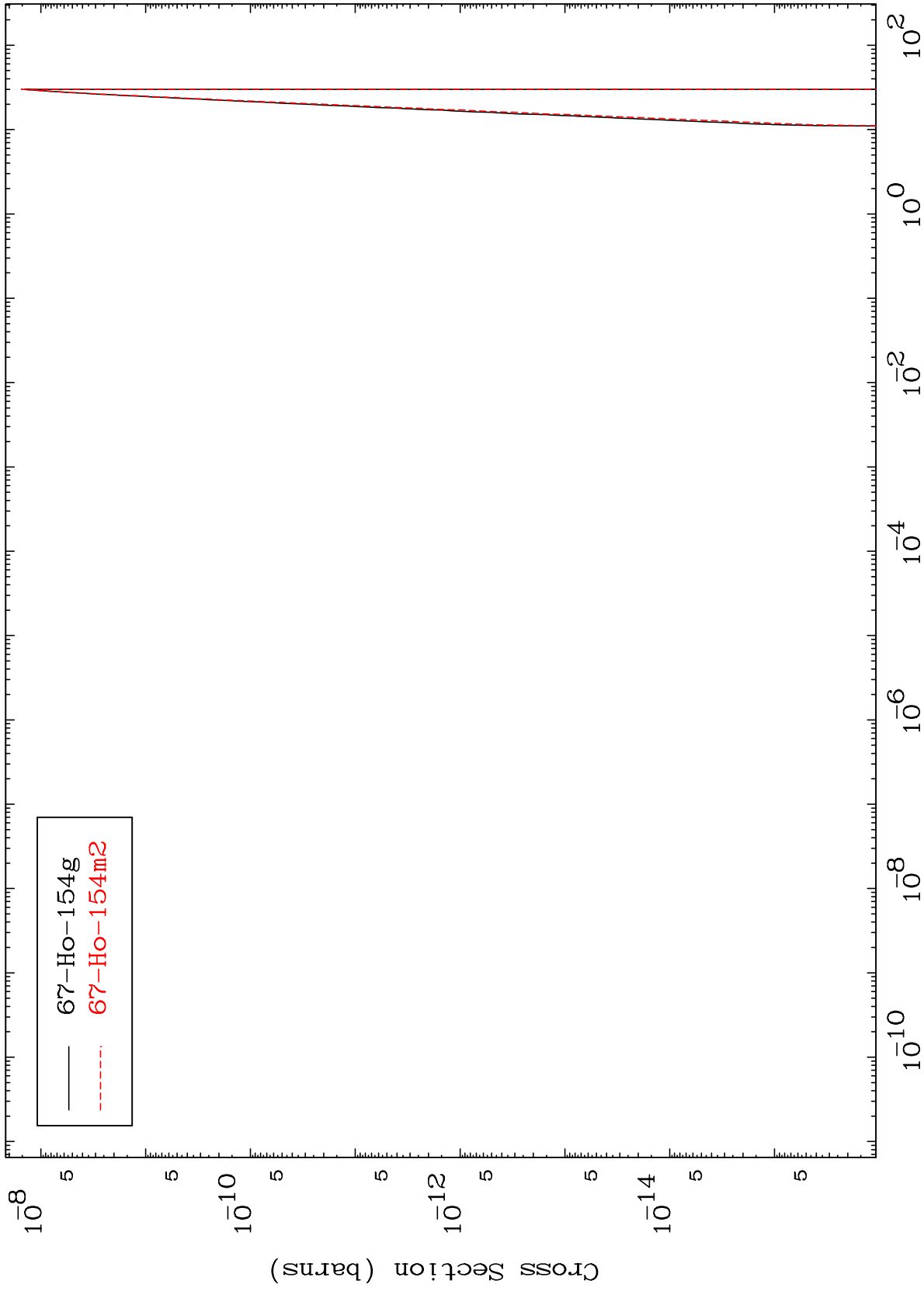
73-Ta-165

MAT 7280

(n,3α)

73-Ta-165

Radionuclide Production Cross Section



36

Incident Energy (MeV)

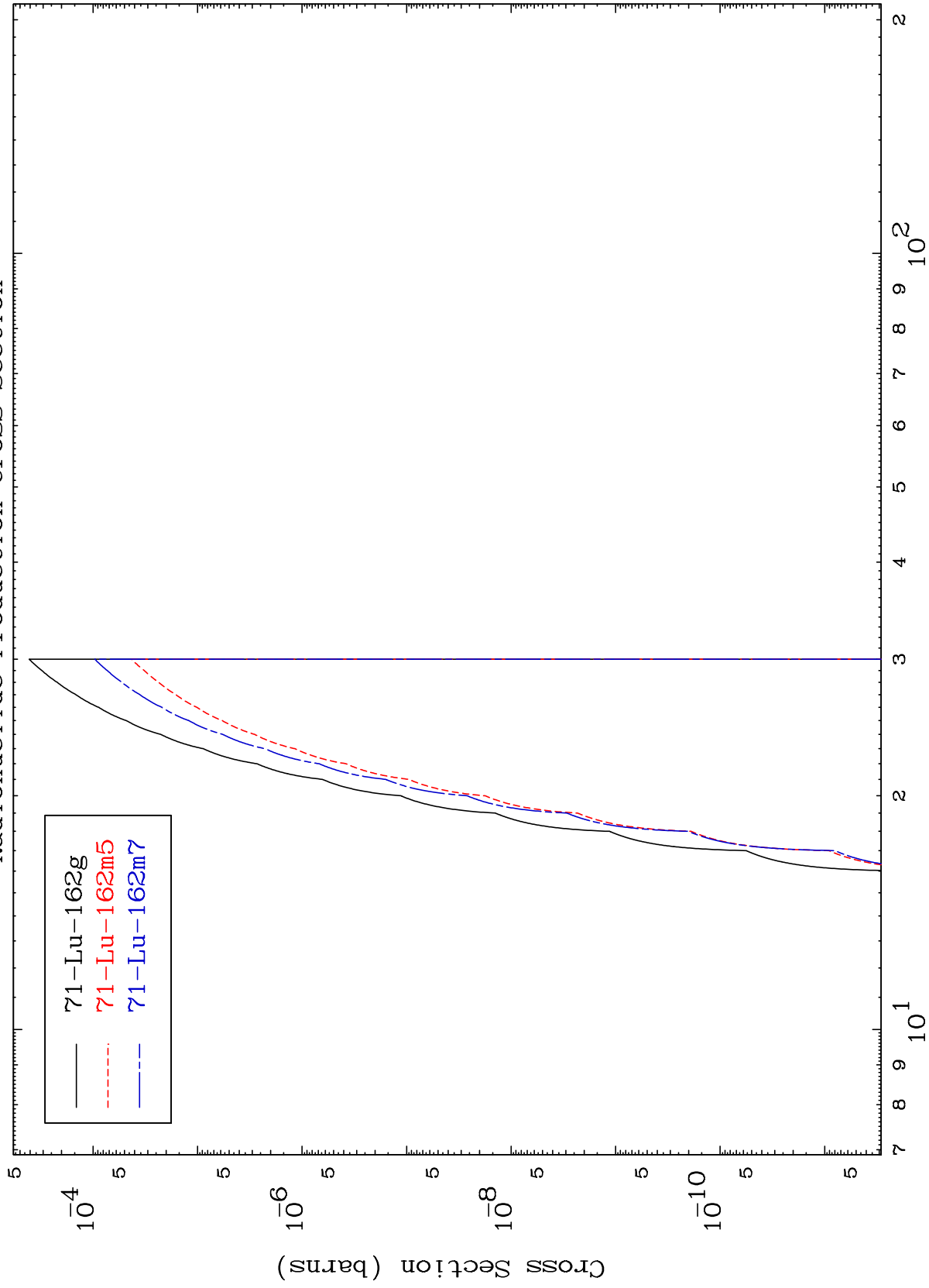
73-Ta-165

MAT 7280

(n,p) t

73-Ta-165

Radionuclide Production Cross Section



37

Incident Energy (MeV)

73-Ta-165