

Program EVALPLOT
(Version 2018-1)

by

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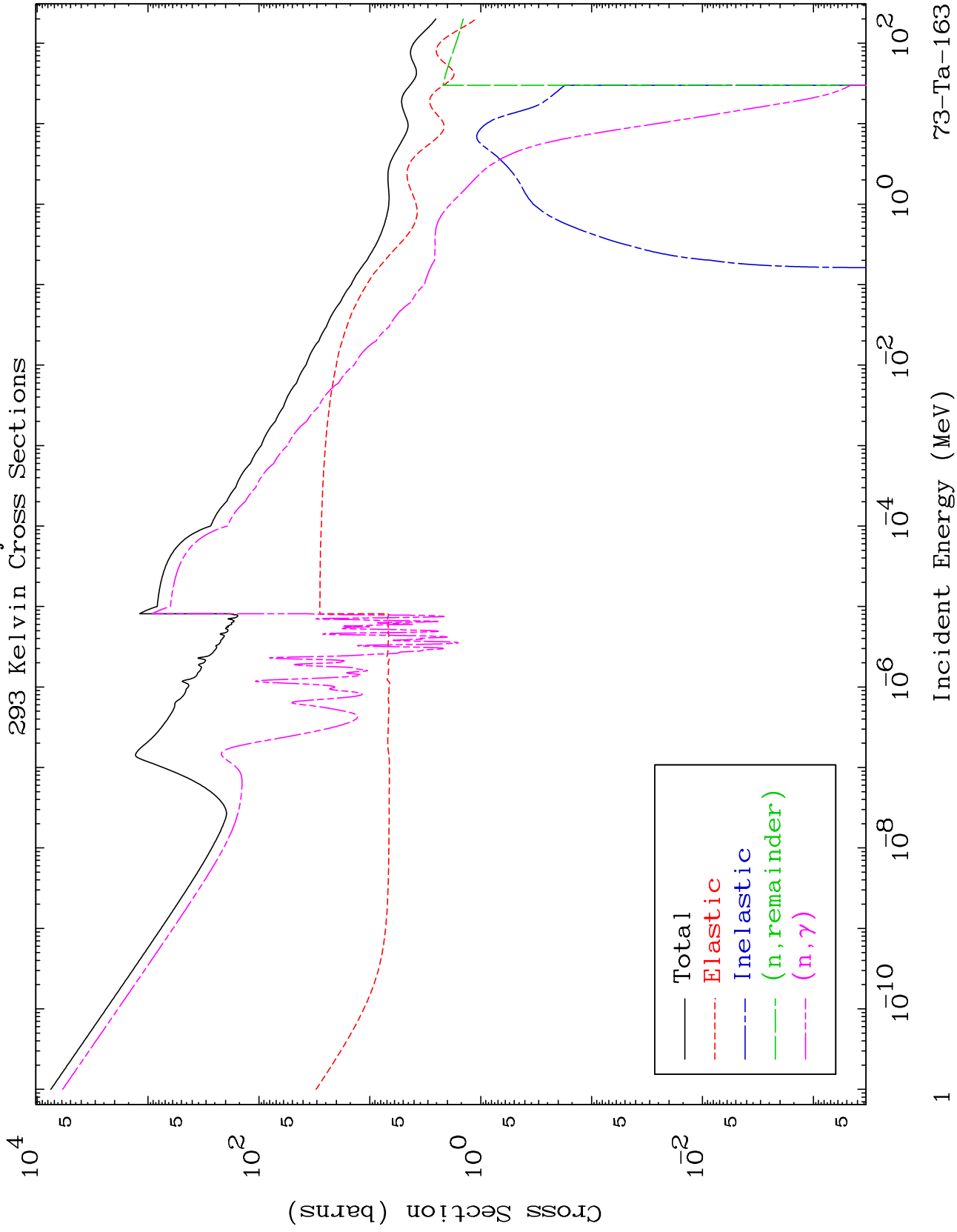
Press Mouse Button to Start

MAT 7274

Major

293 Kelvin Cross Sections

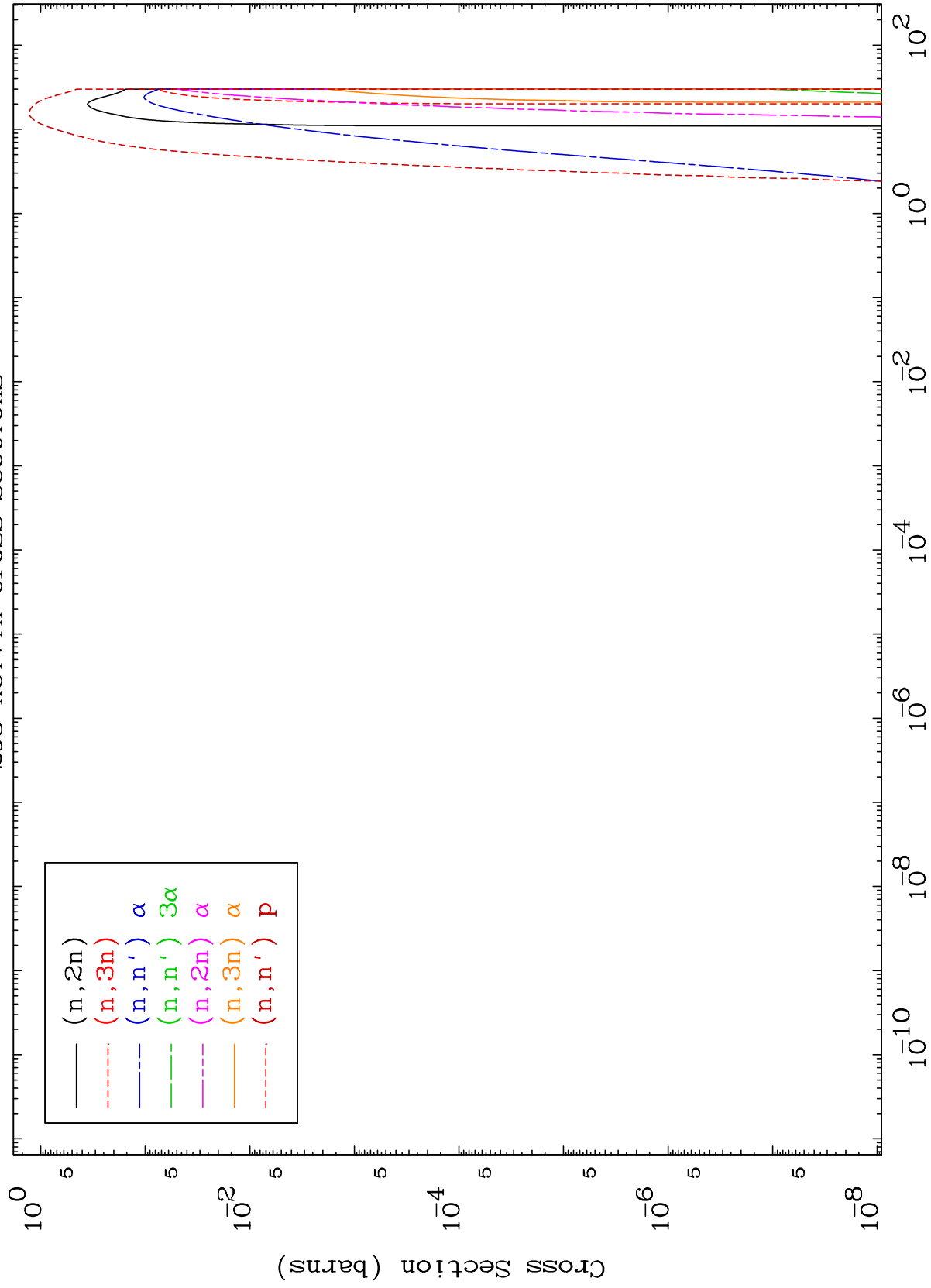
73-Ta-163



MAT 7274

Neutron Production
293 Kelvin Cross Sections

73-Ta-163



2

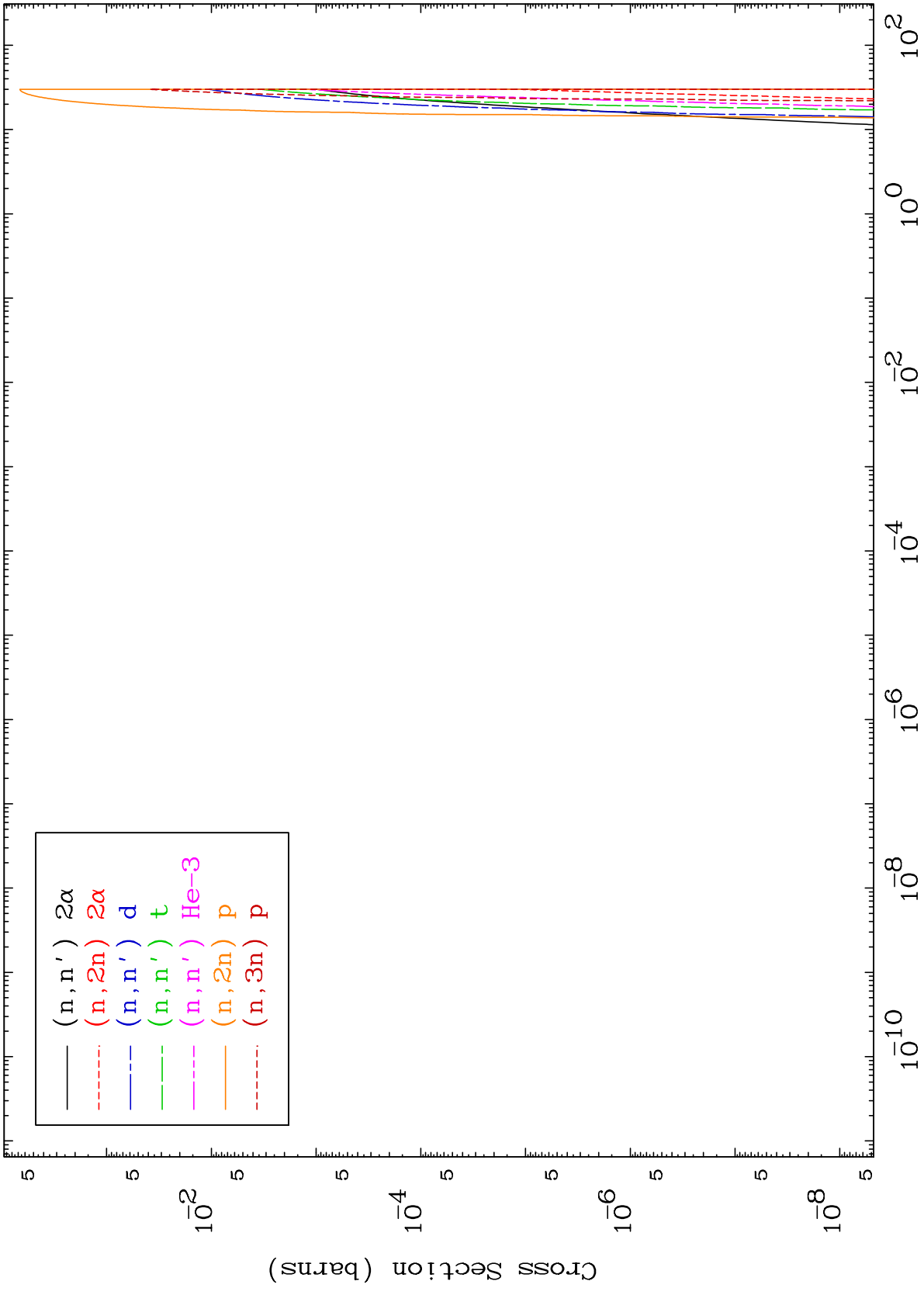
Incident Energy (MeV)

73-Ta-163

MAT 7274

Neutron Production
293 Kelvin Cross Sections

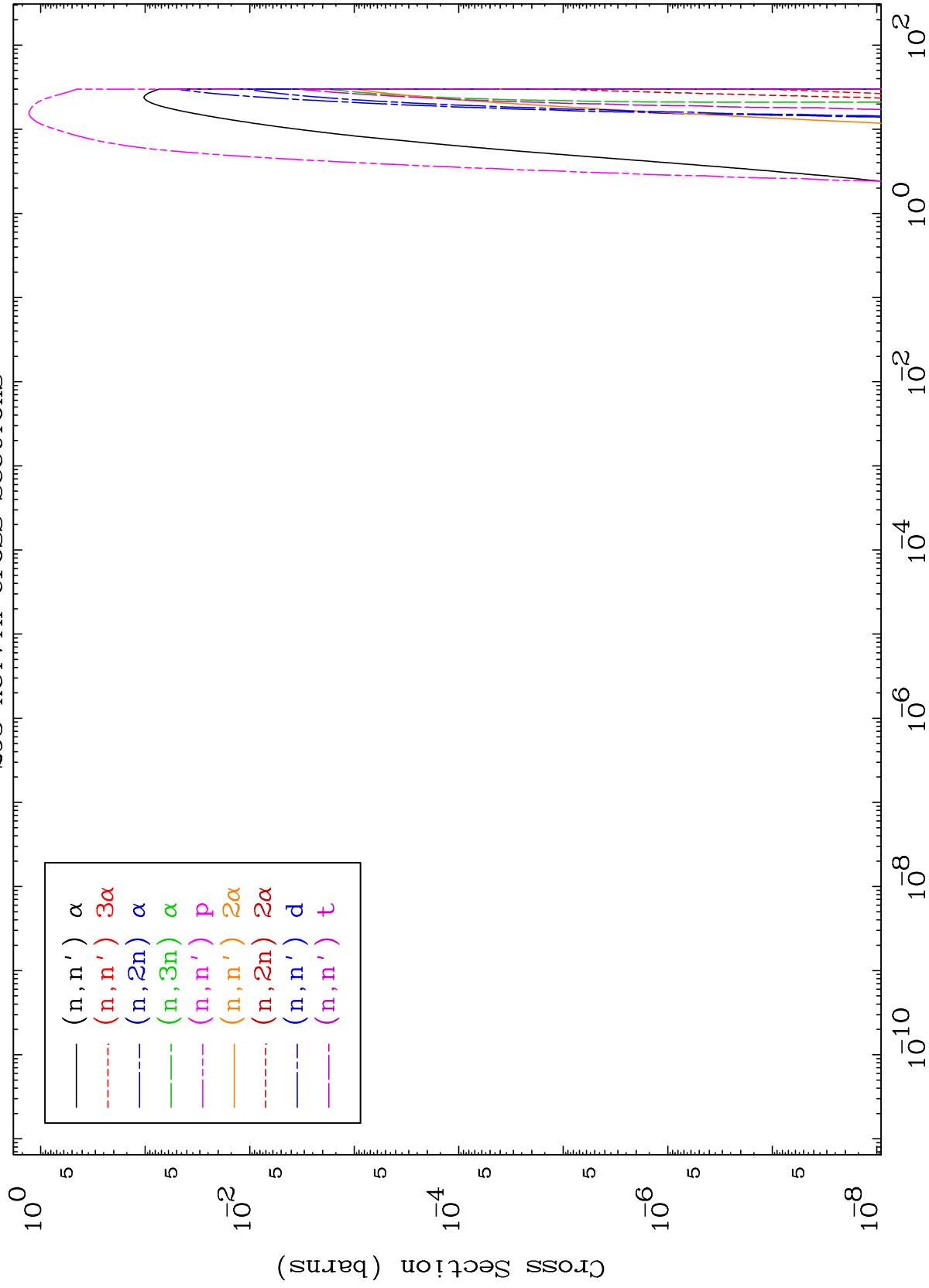
73-Ta-163



MAT 7274

293 Charged Particle
Kelvin Cross Sections

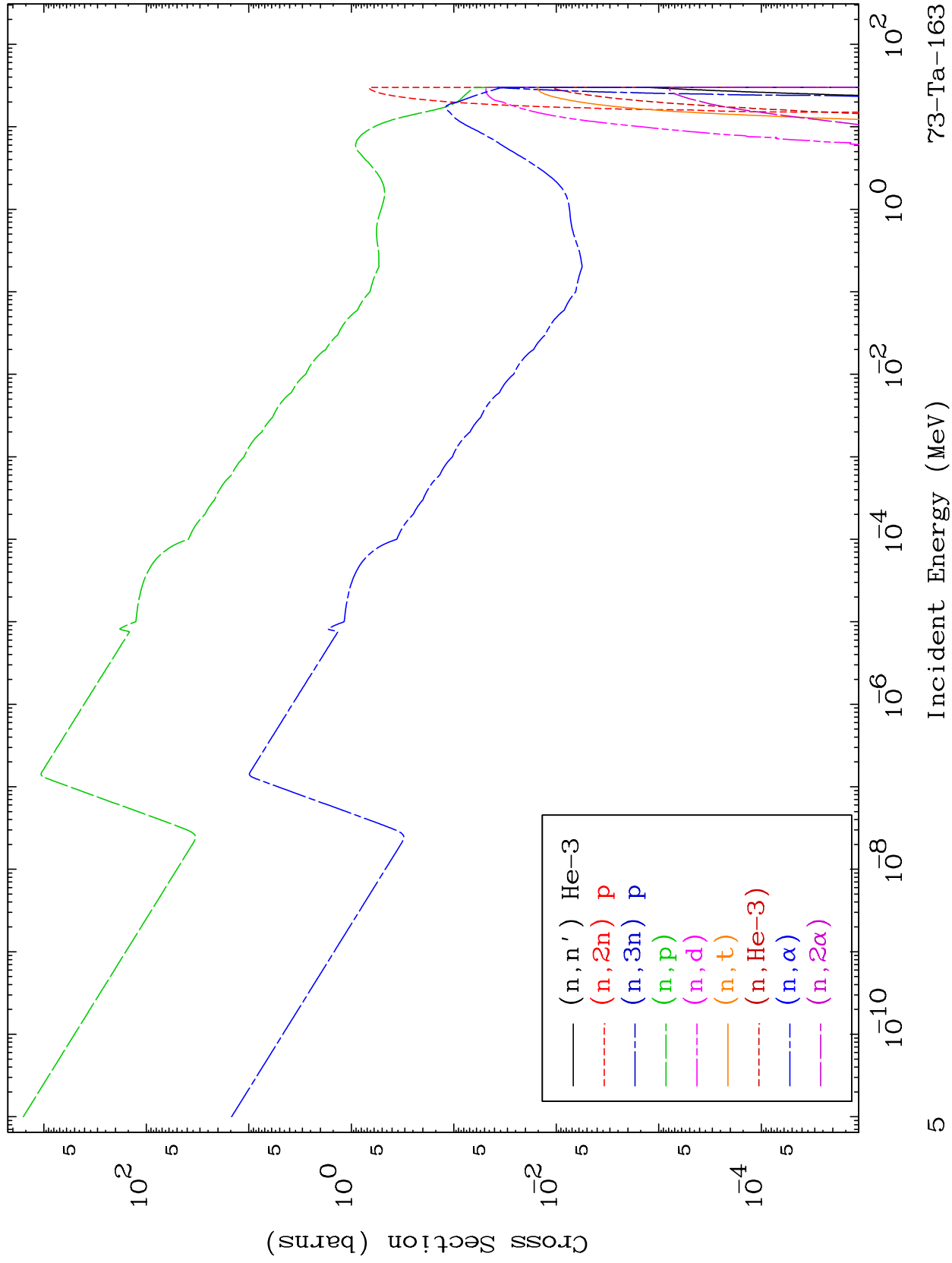
73-Ta-163



MAT 7274

Charged Particle
293 Kelvin Cross Sections

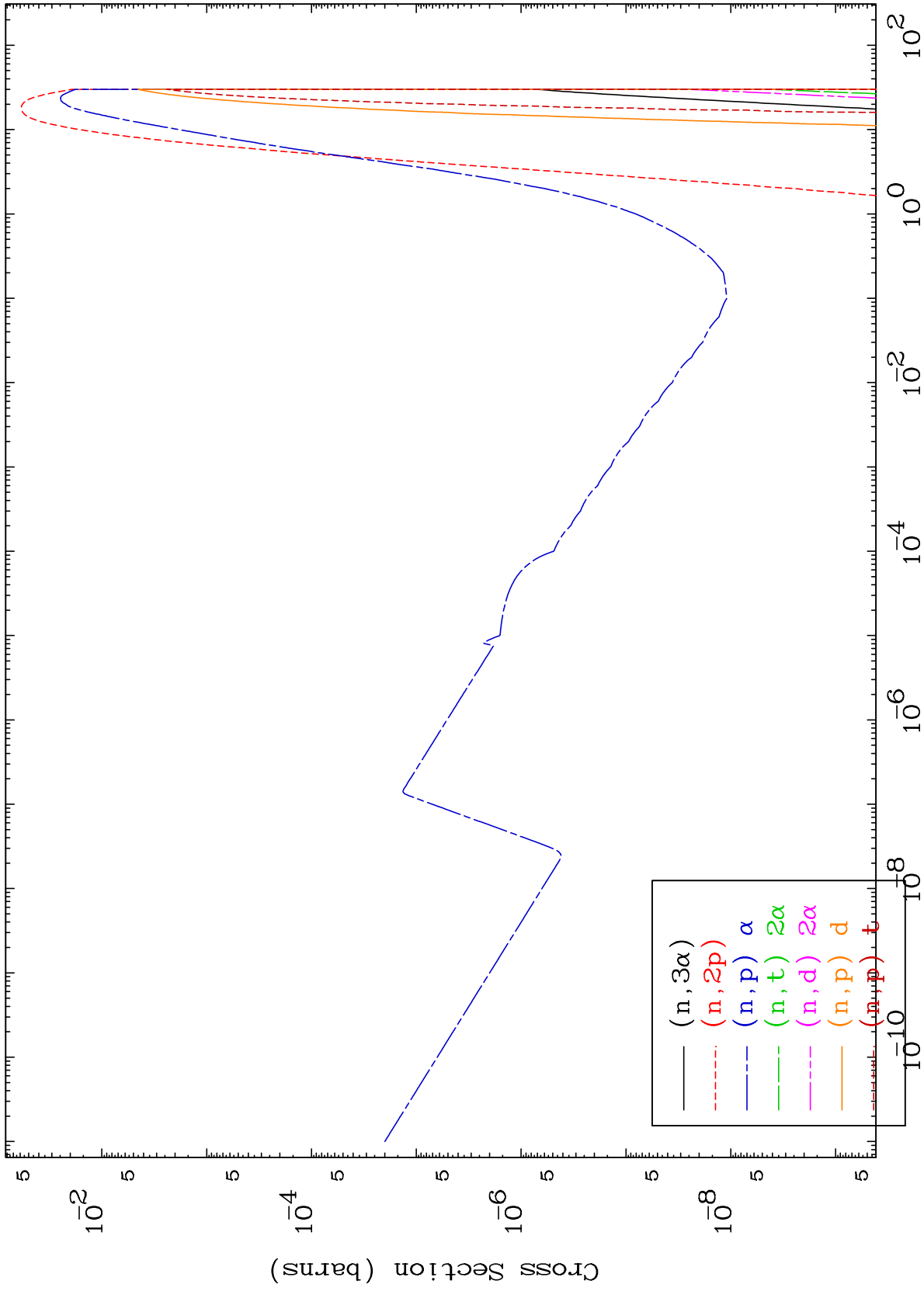
73-Ta-163



MAT 7274

Charged Particle
293 Kelvin Cross Sections

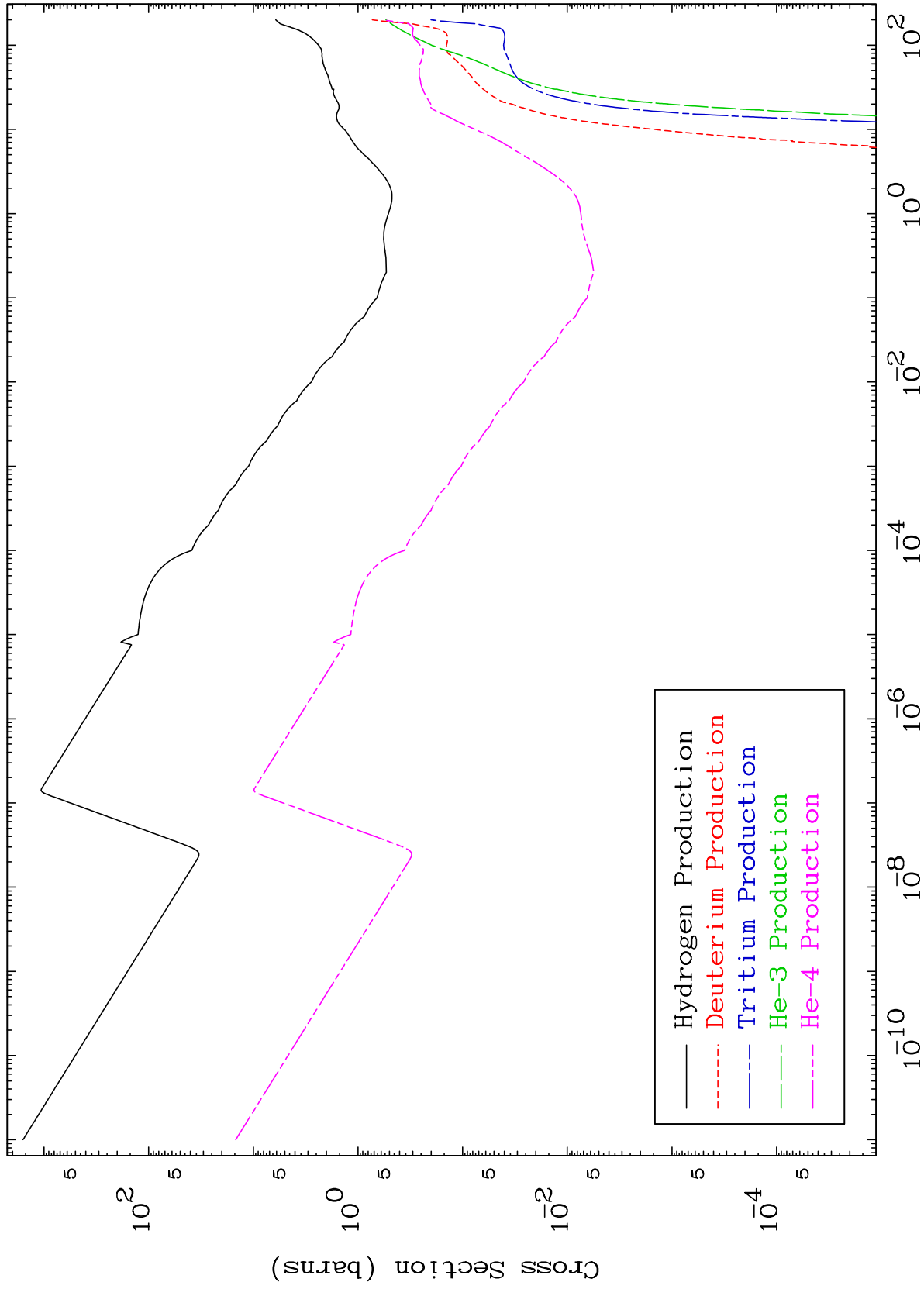
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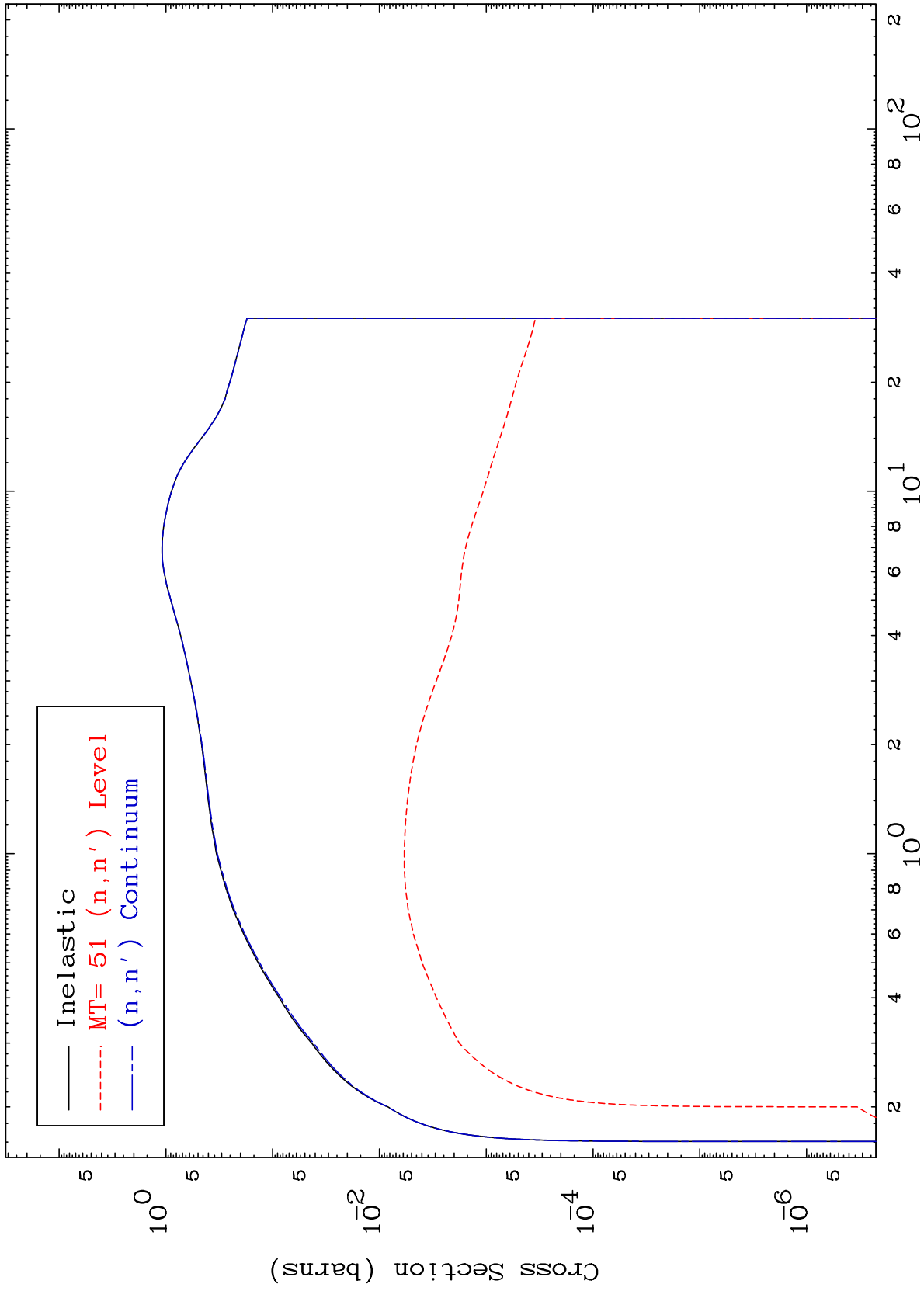


MAT 7274

Particle Production
293 Kelvin Cross Sections

73-Ta-163

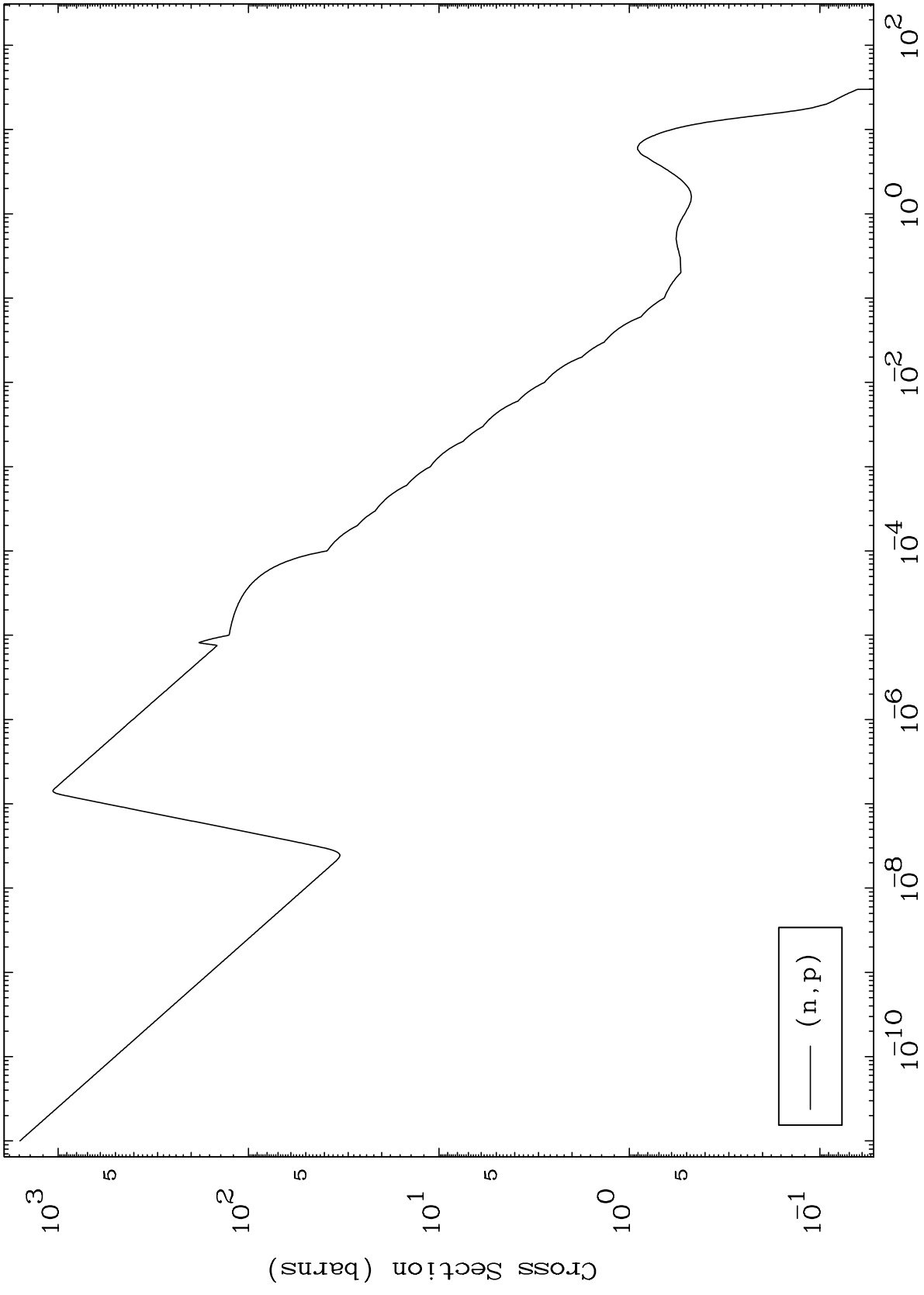




MAT 7274

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-163

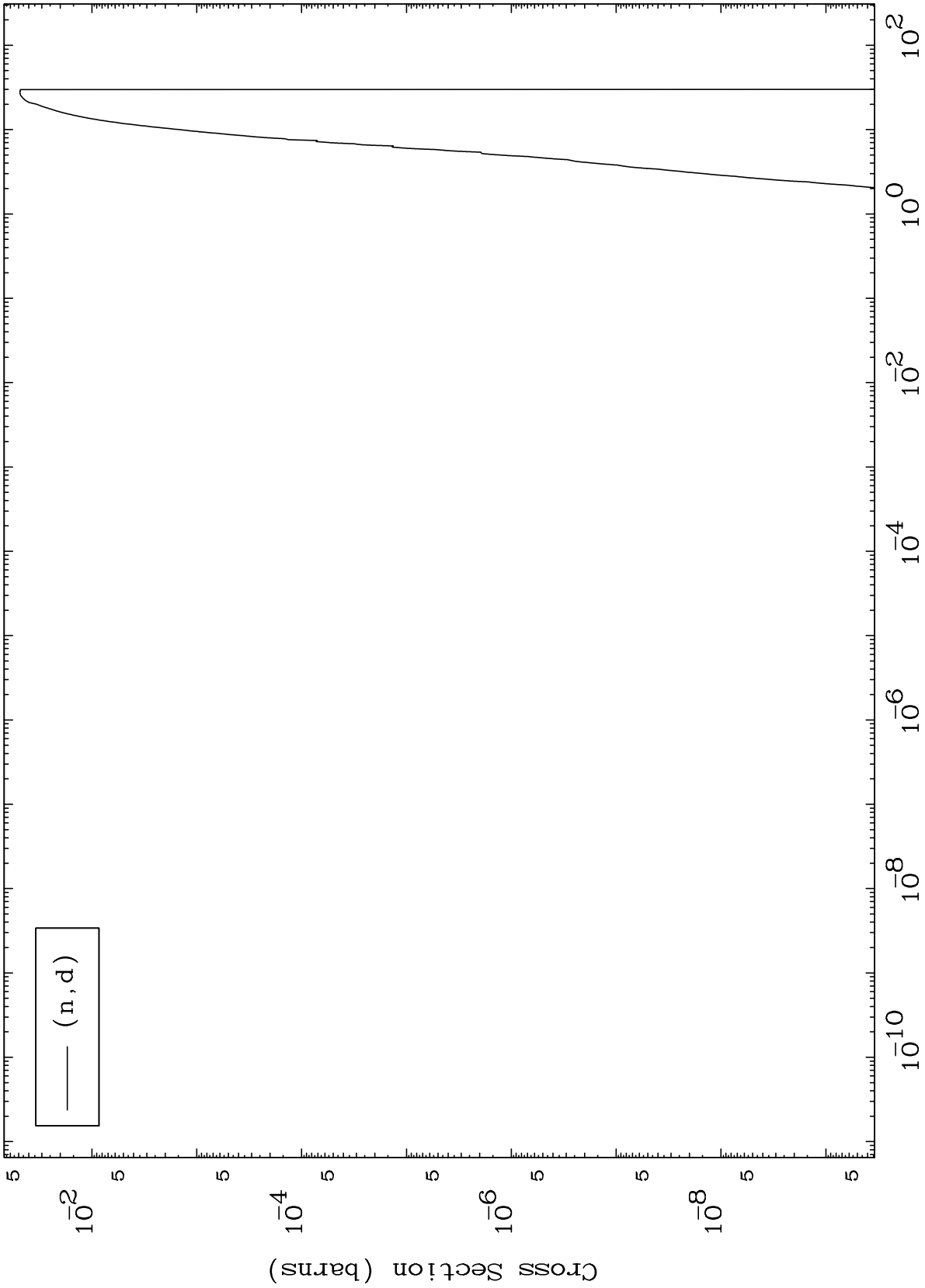


73-Ta-163

MAT 7274

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-163



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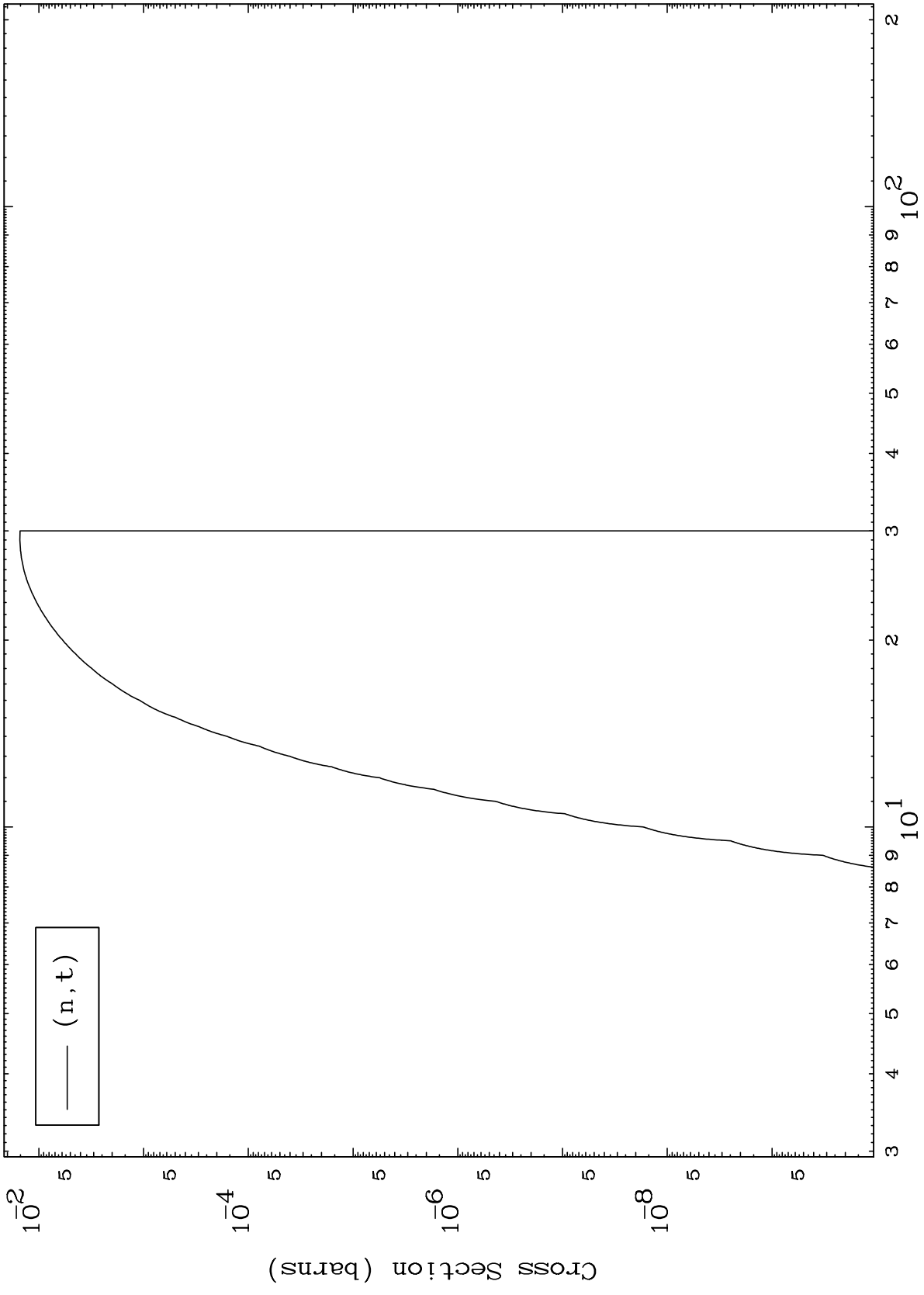
Incident Energy (MeV)

73-Ta-163

MAT 7274

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-163



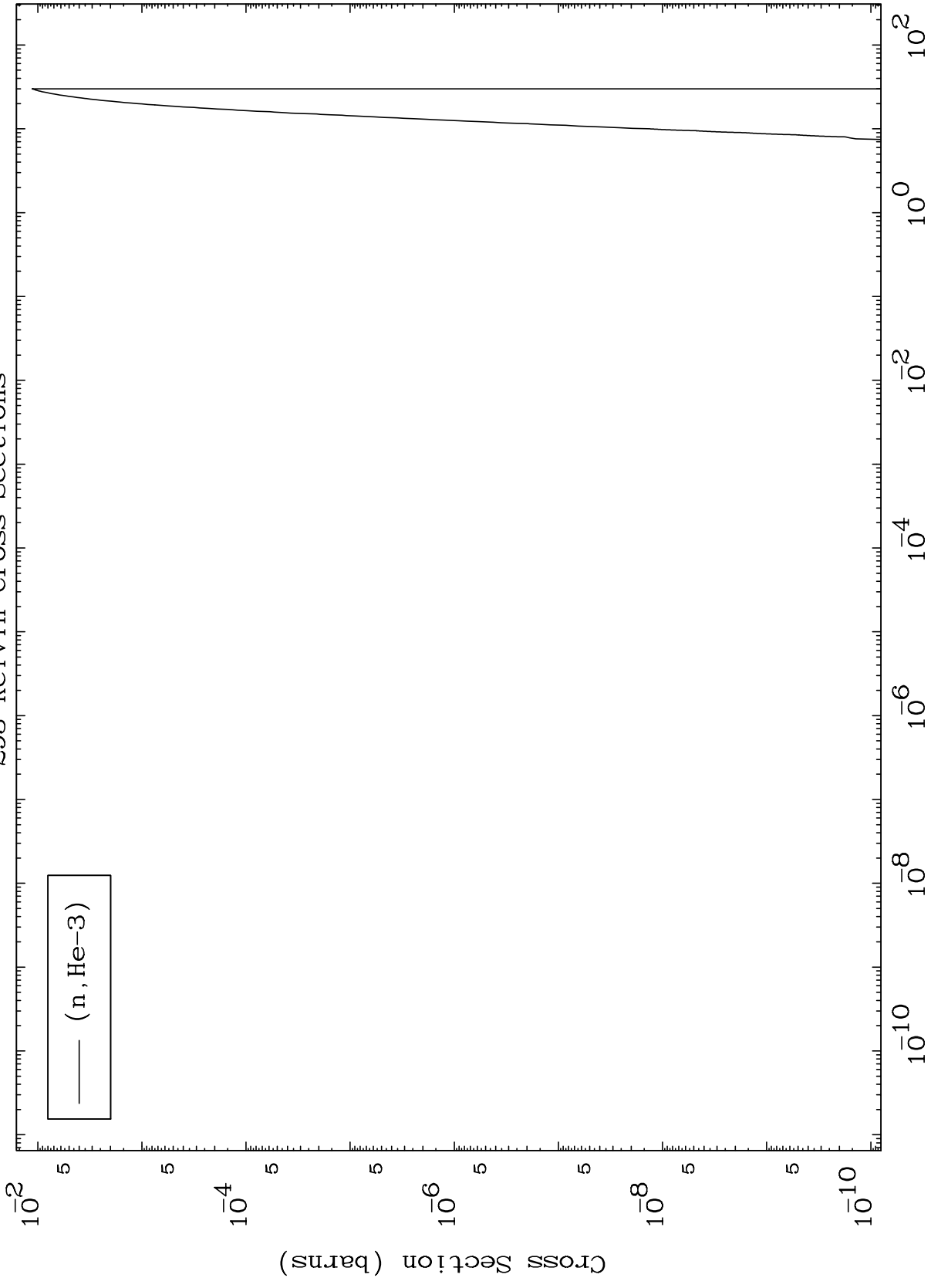
11

73-Ta-163

MAT 7274

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-163



12

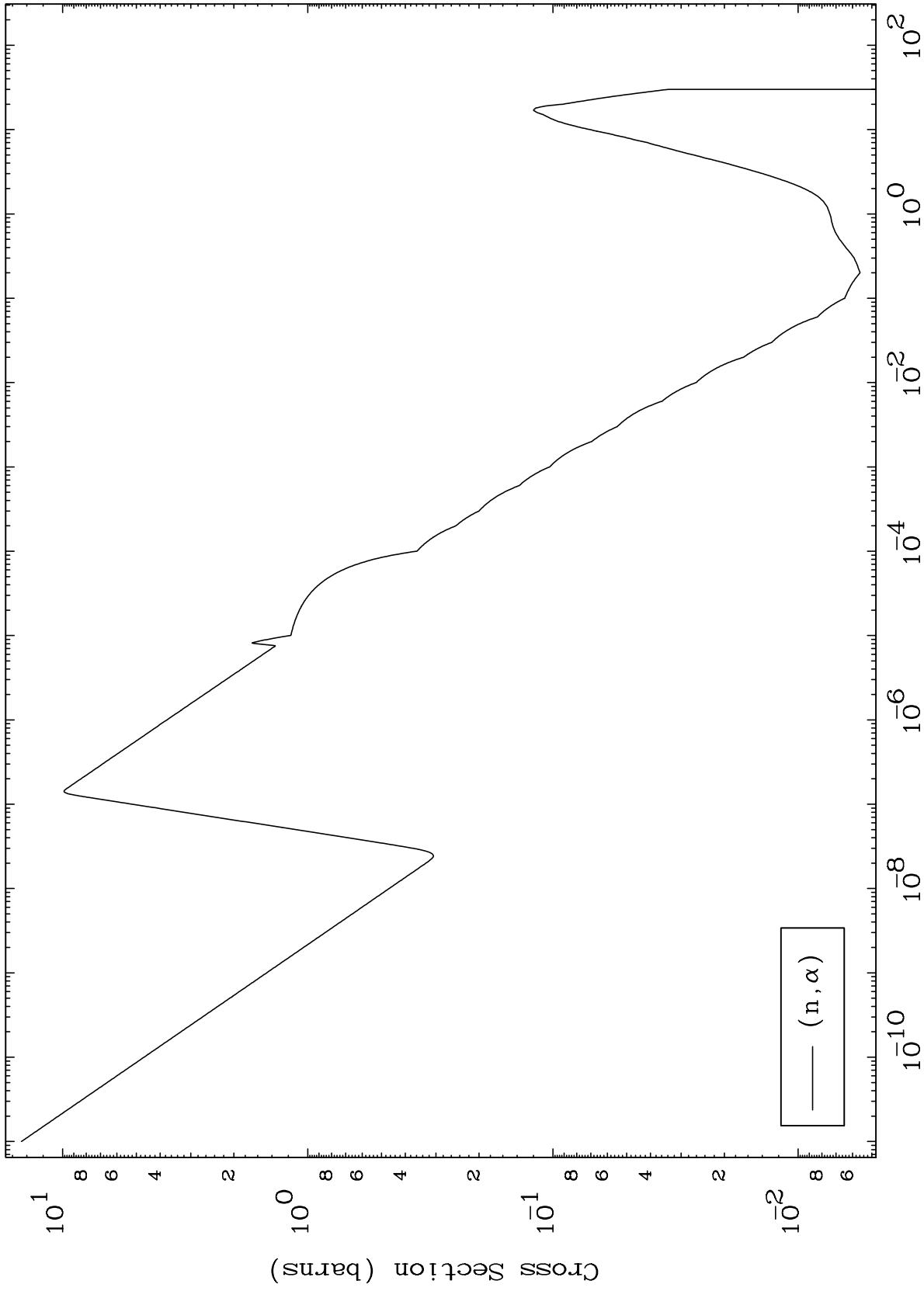
Incident Energy (MeV)

73-Ta-163

MAT 7274

(n,α) Levels
293 Kelvin Cross Sections

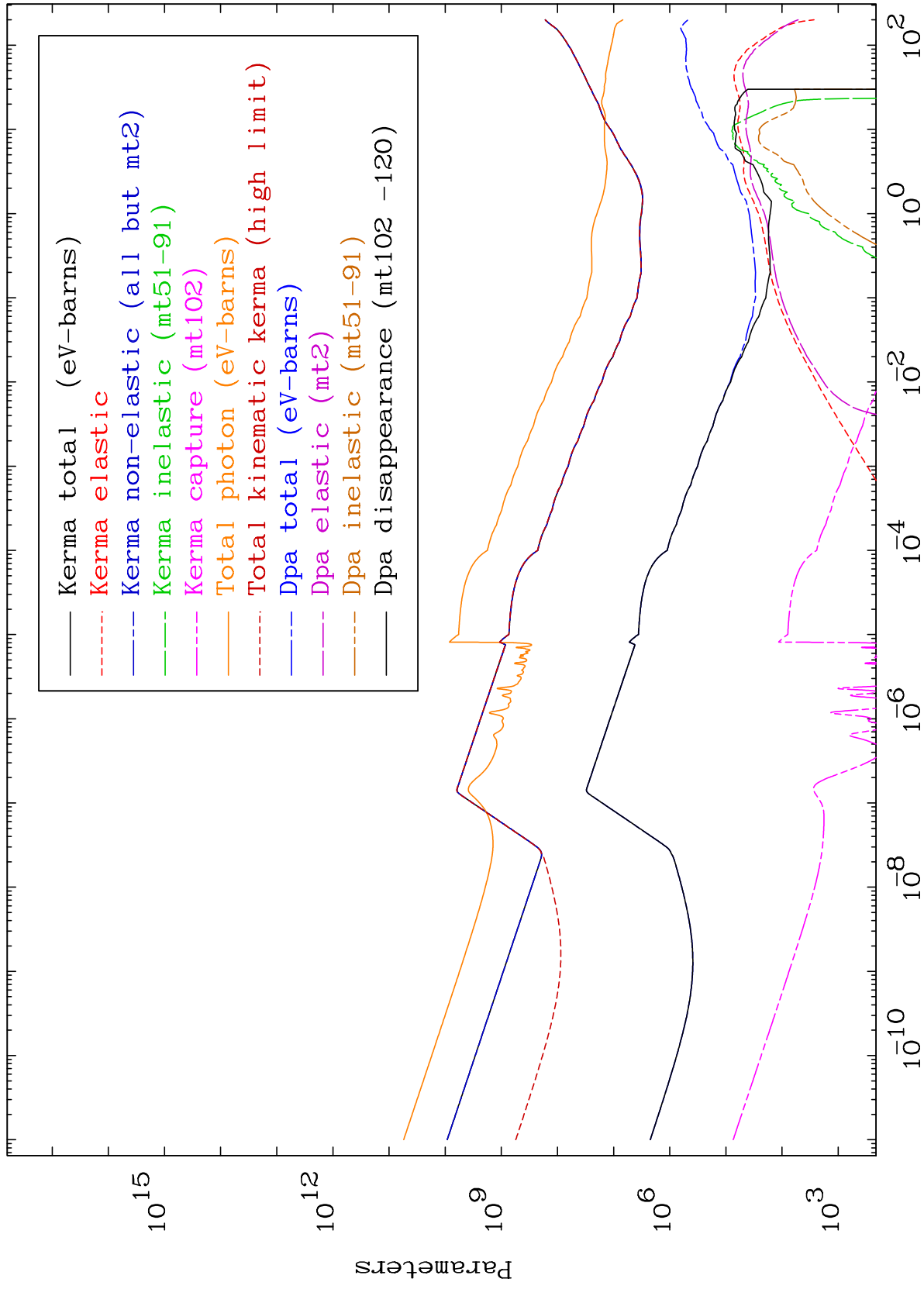
73-Ta-163



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Incident Energy (MeV)

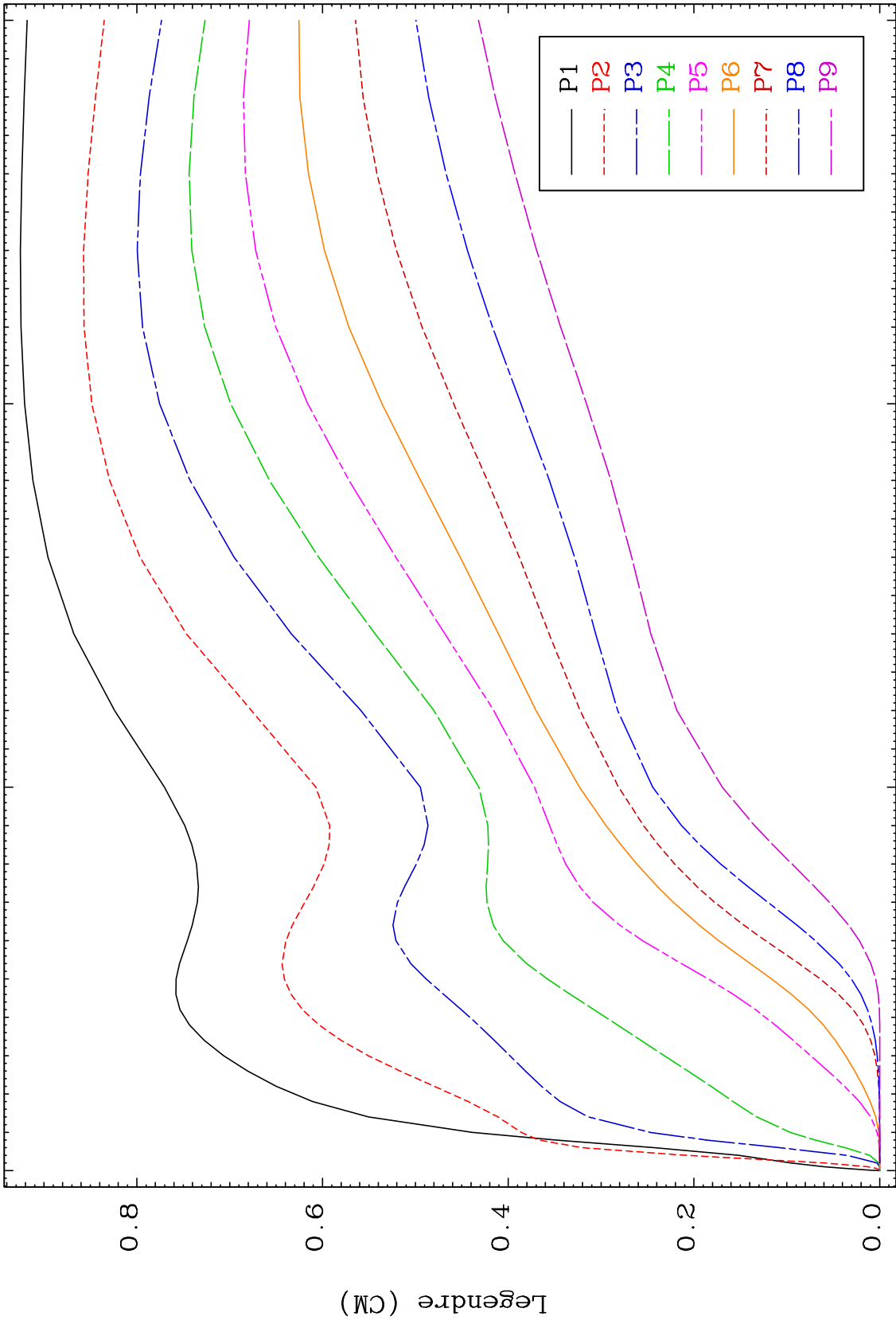
73-Ta-163



MAT 7274

Elastic Legendre Coefficients

$^{73}\text{Ta-163}$



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Incident Energy (MeV)

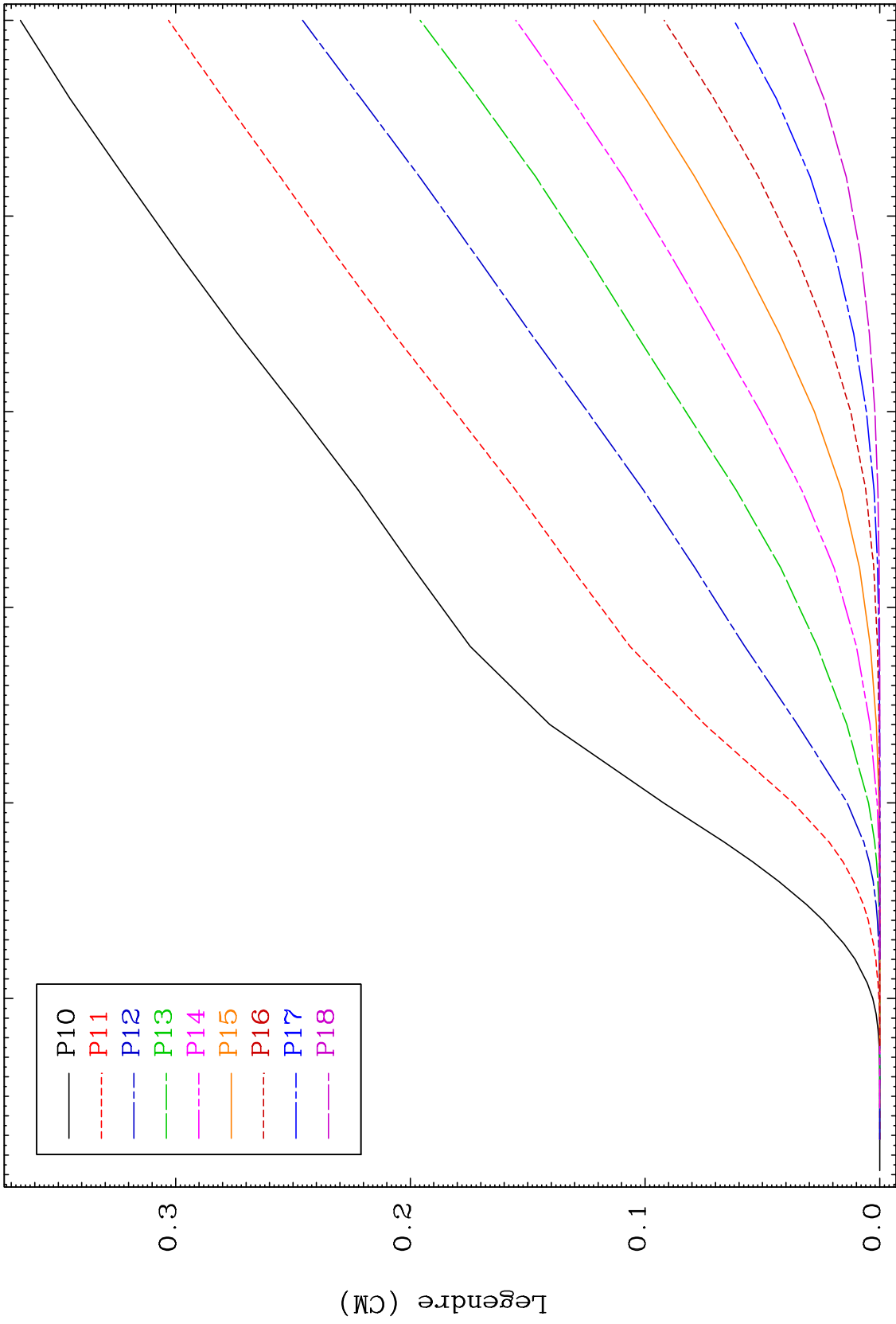
$^{73}\text{Ta-163}$

30

MAT 7274

Elastic Legendre Coefficients

⁷³Ta-163



16

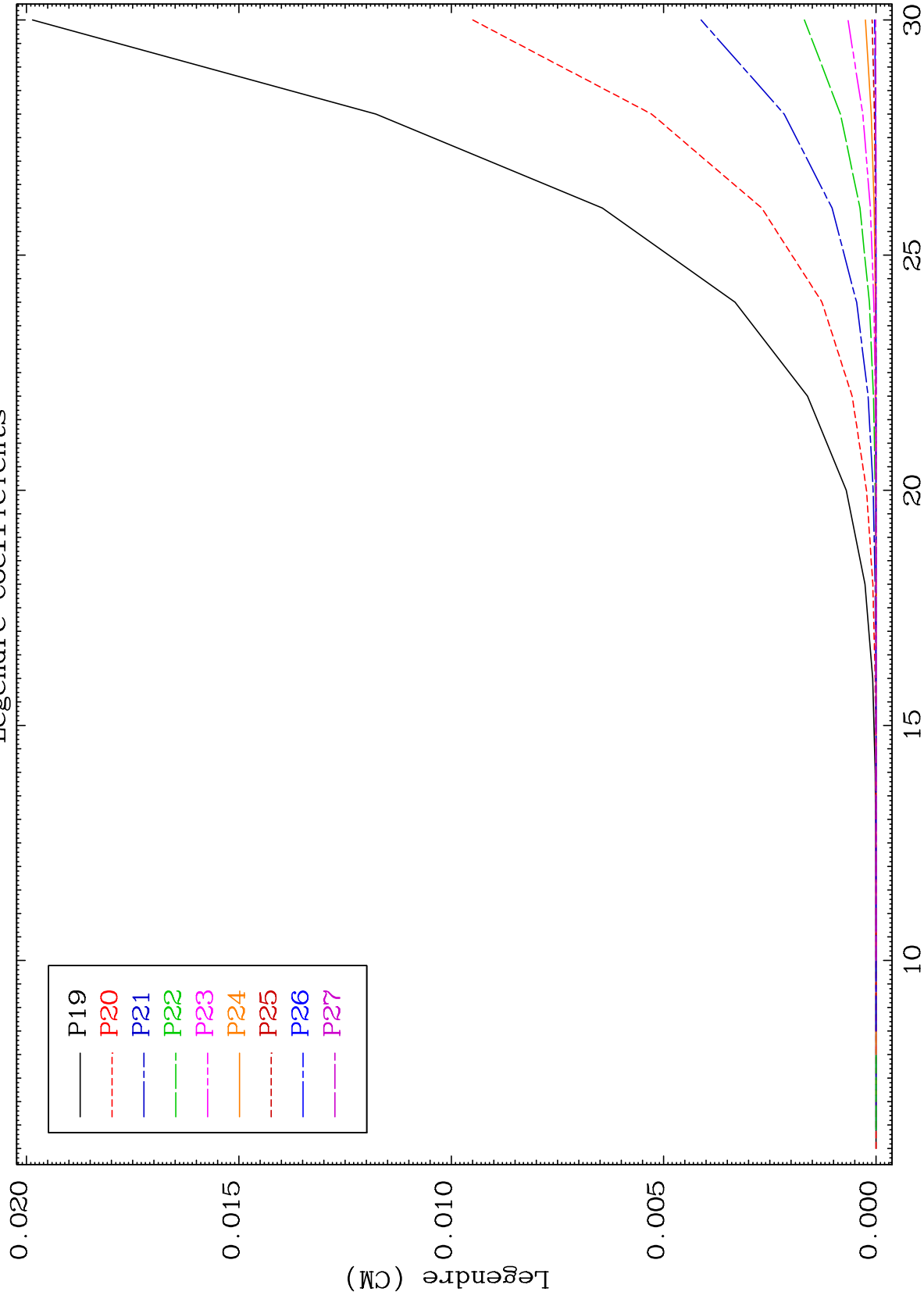
Incident Energy (MeV)

⁷³Ta-163

MAT 7274

Elastic Legendre Coefficients

⁷³Ta-163



17

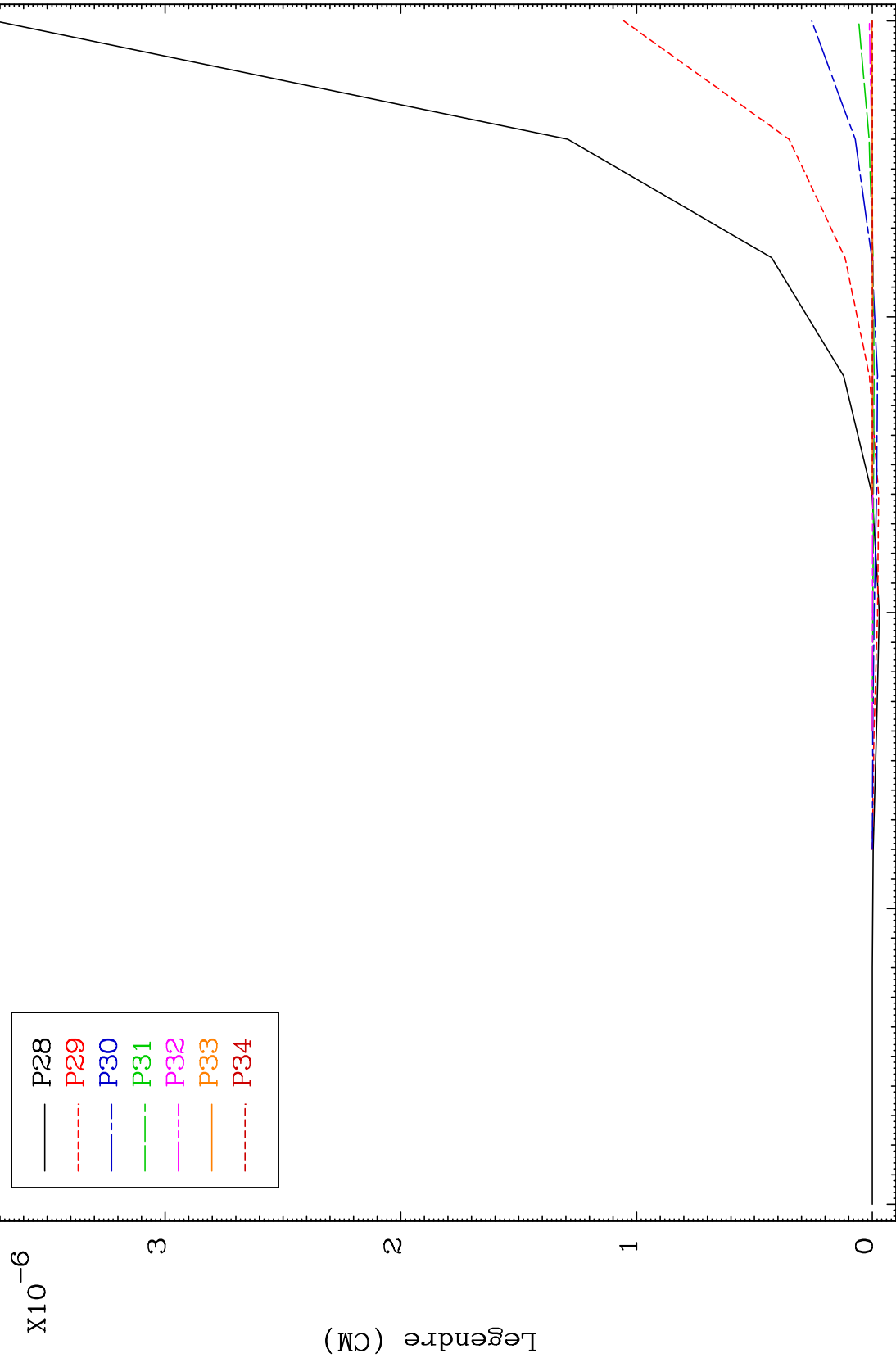
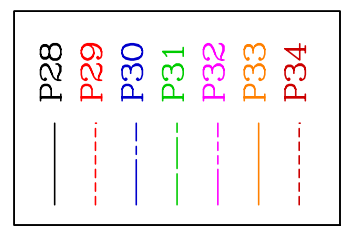
Incident Energy (MeV)

⁷³Ta-163

MAT 7274

Elastic Legendre Coefficients

73-Ta-163



18

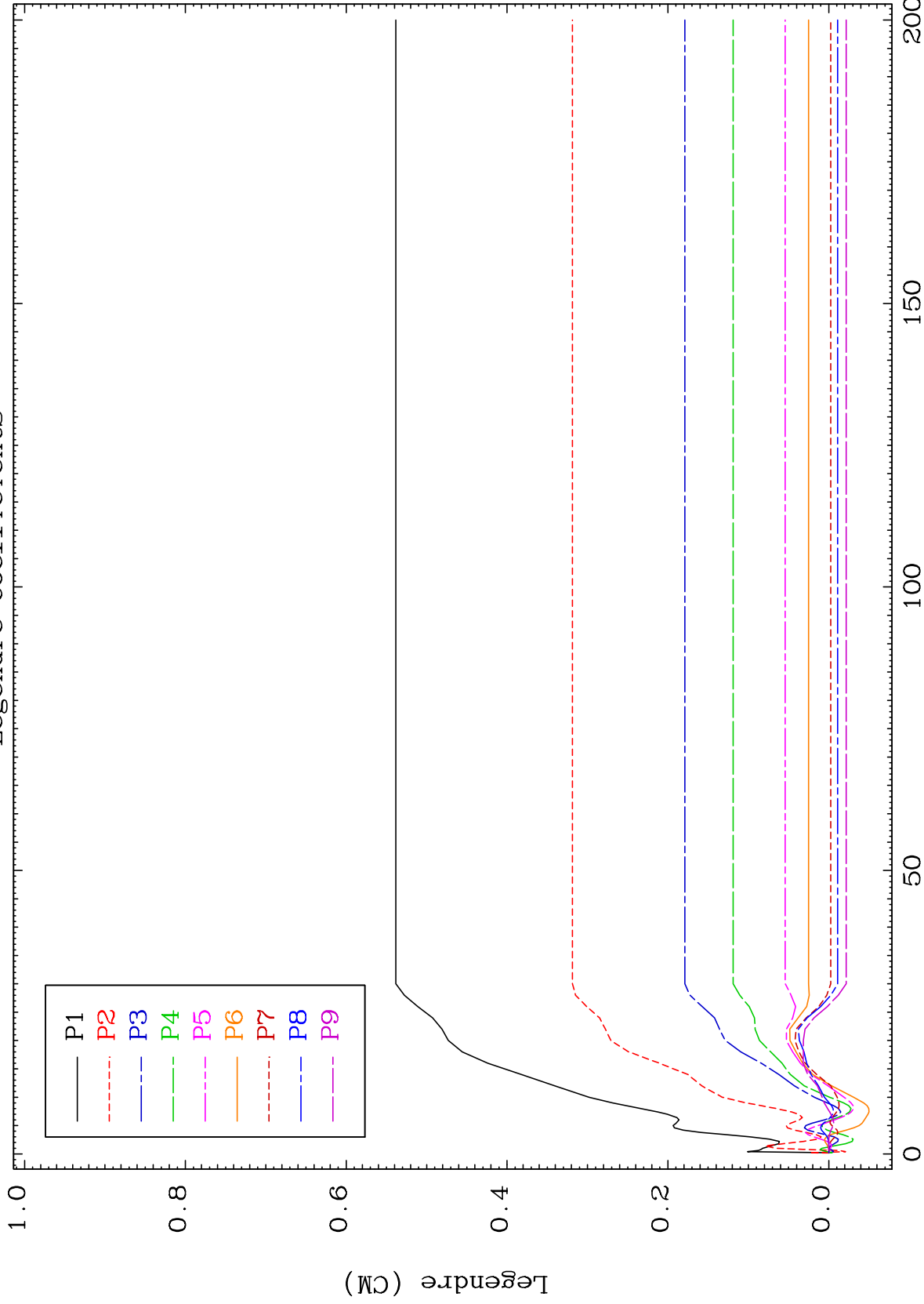
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163



19

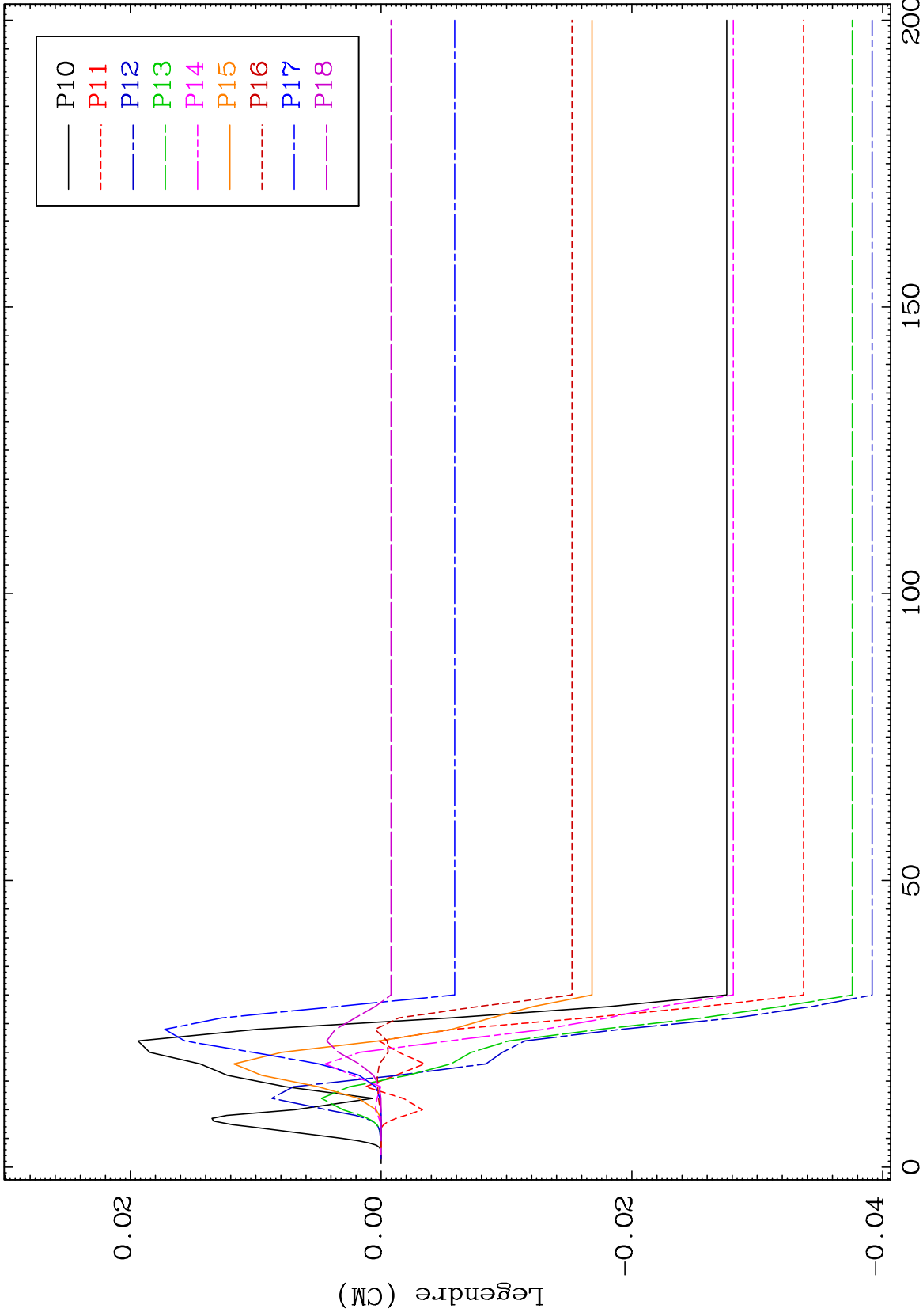
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163



20

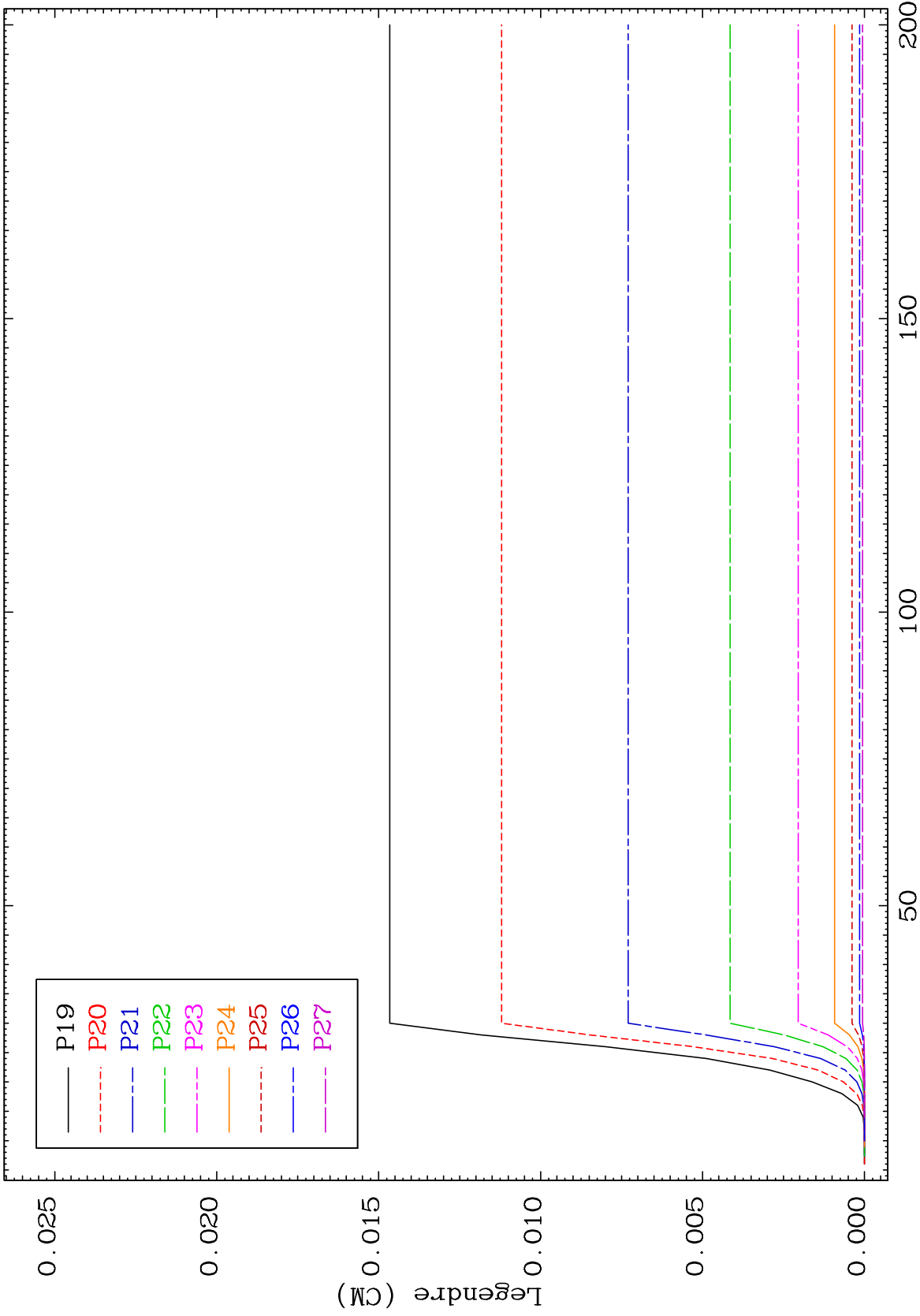
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163



21

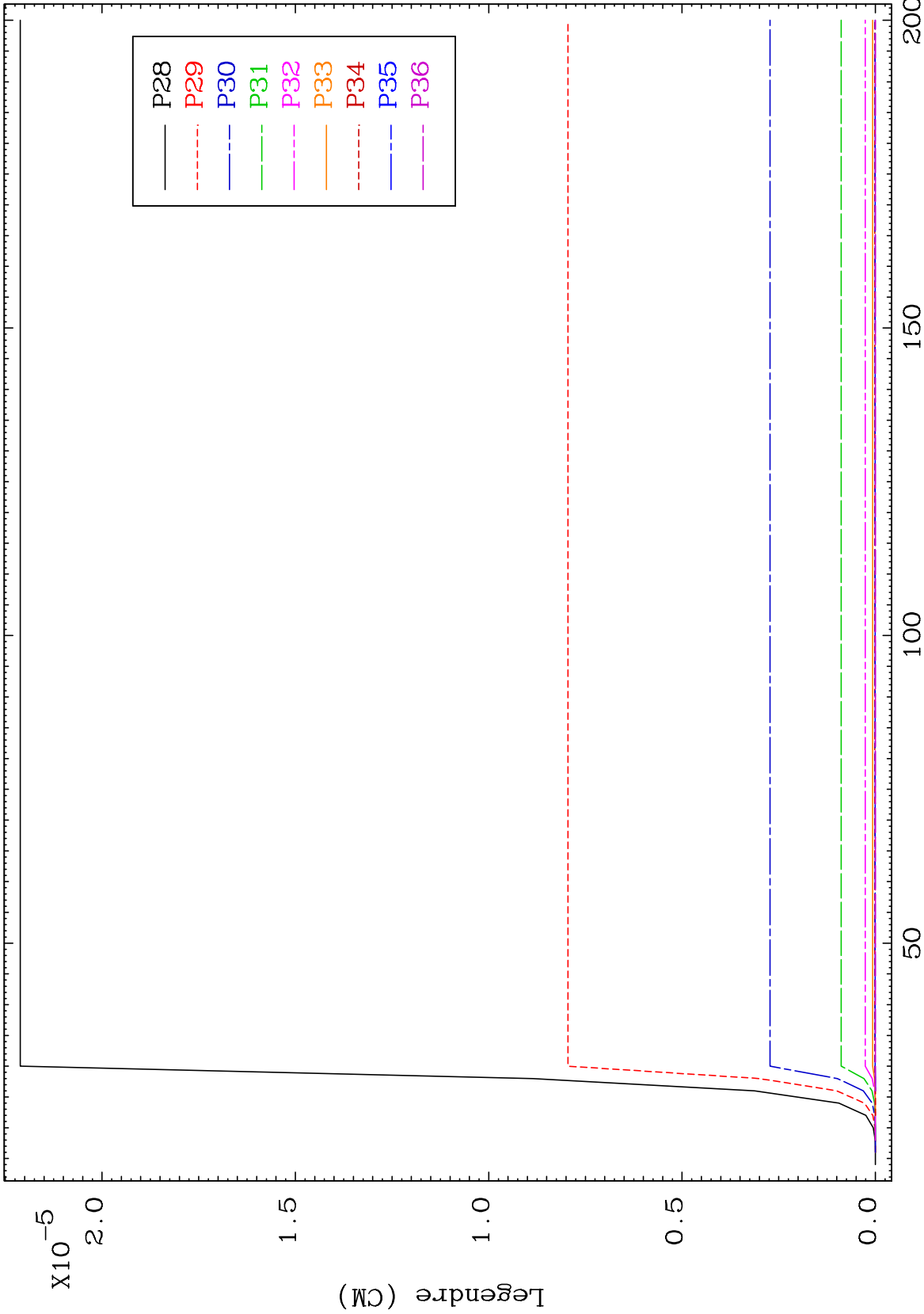
Incident Energy (MeV)

73-Ta-163

MAT 7274

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

73-Ta-163



22

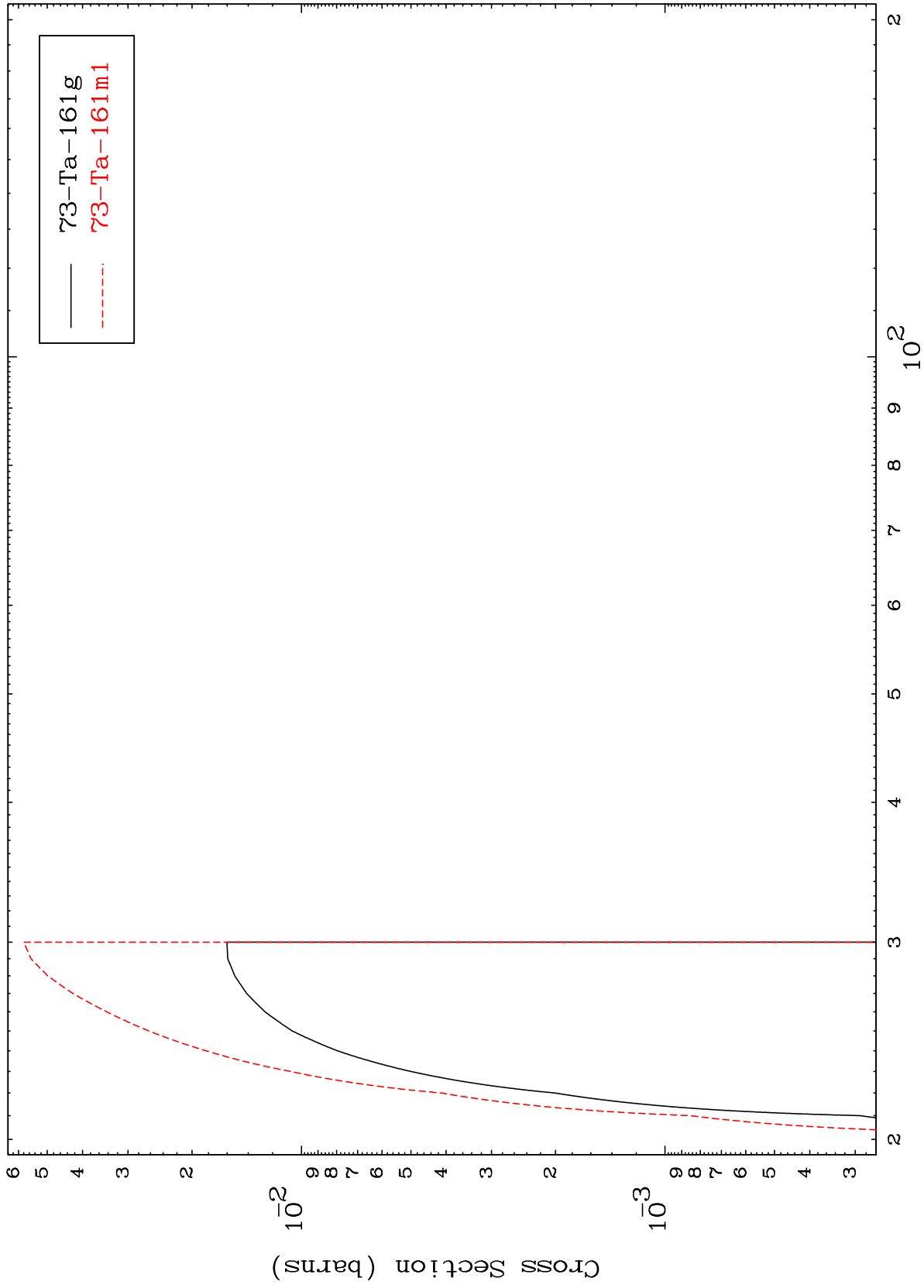
Incident Energy (MeV)

73-Ta-163

MAT 7274

⁷³Ta-163

(n,3n)
Radionuclide Production Cross Section



23

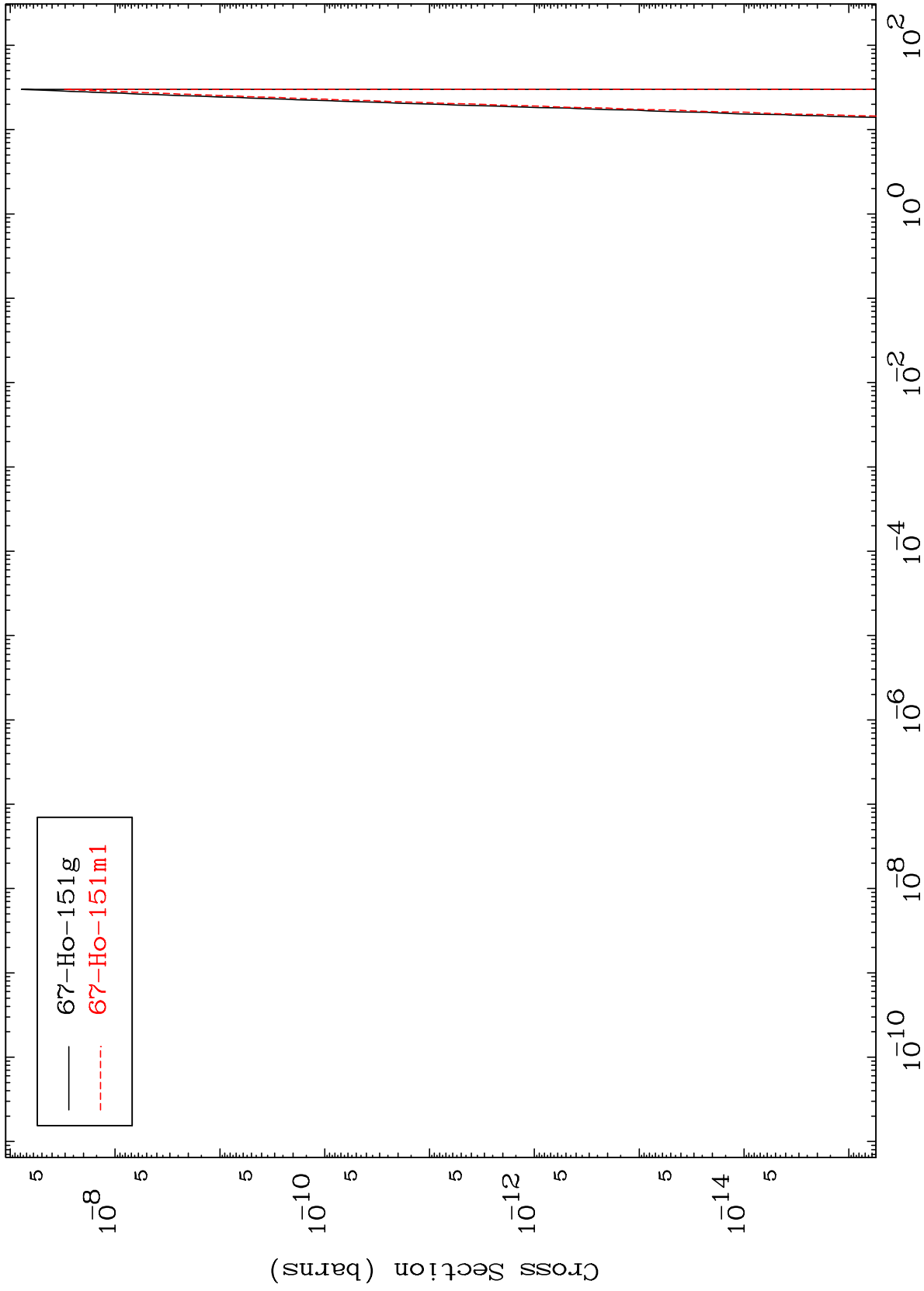
⁷³Ta-163

MAT 7274

(n,n') 3 α

73-Ta-163

Radionuclide Production Cross Section



24

Incident Energy (MeV)

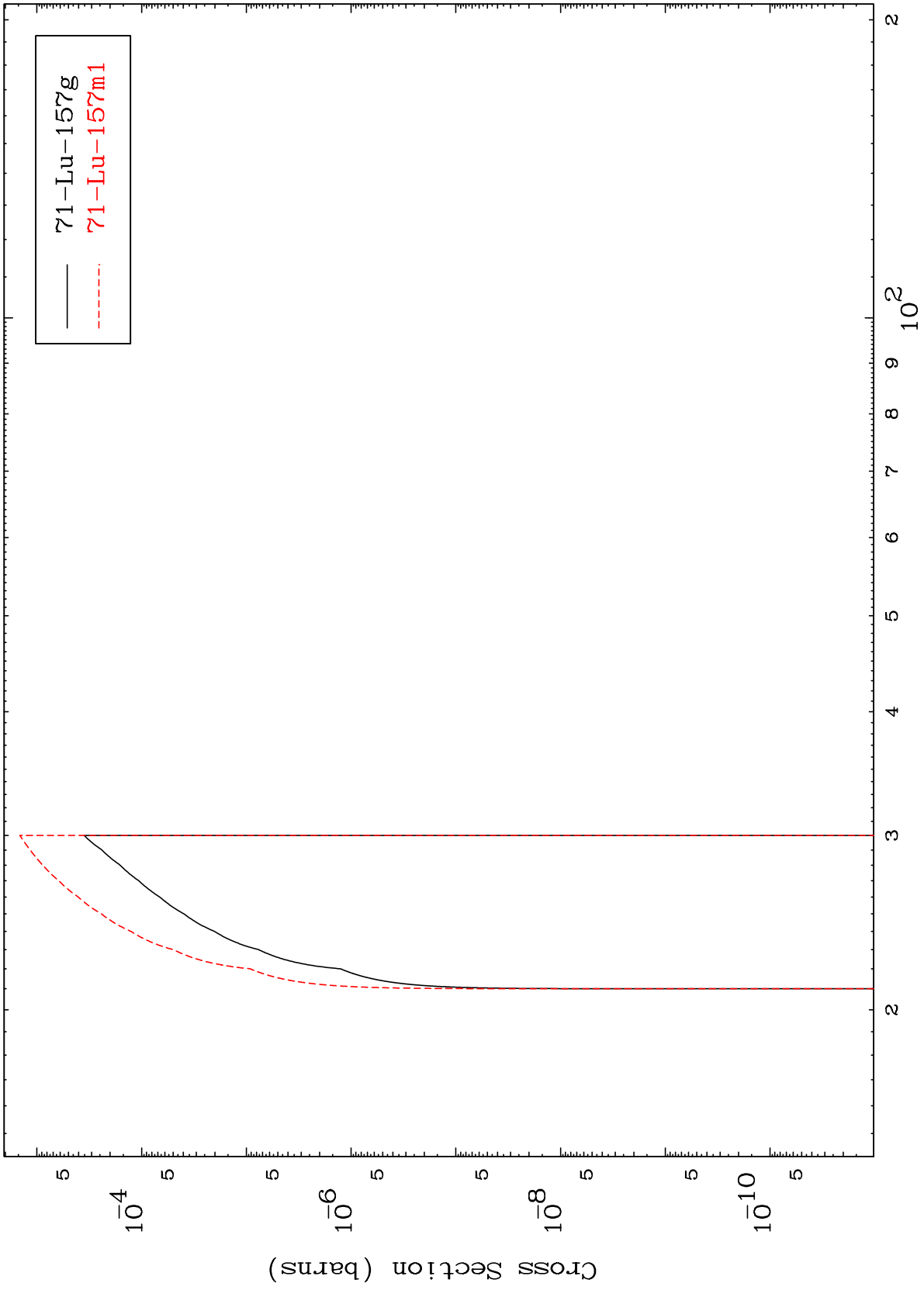
73-Ta-163

MAT 7274

(n,3n) α

73-Ta-163

Radionuclide Production Cross Section



25

Incident Energy (MeV)

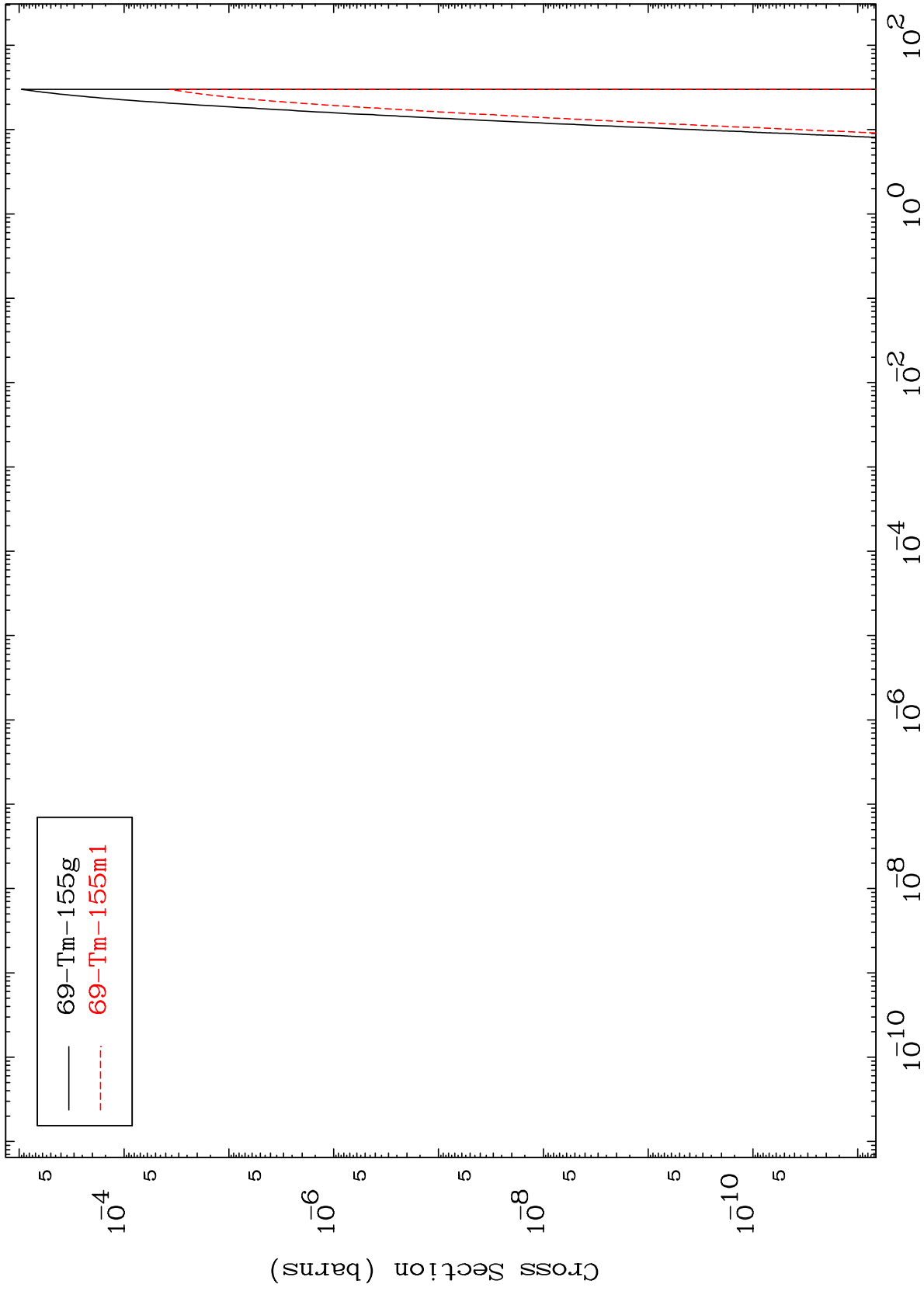
73-Ta-163

MAT 7274

(n,n') 2 α

73-Ta-163

Radionuclide Production Cross Section



26

Incident Energy (MeV)

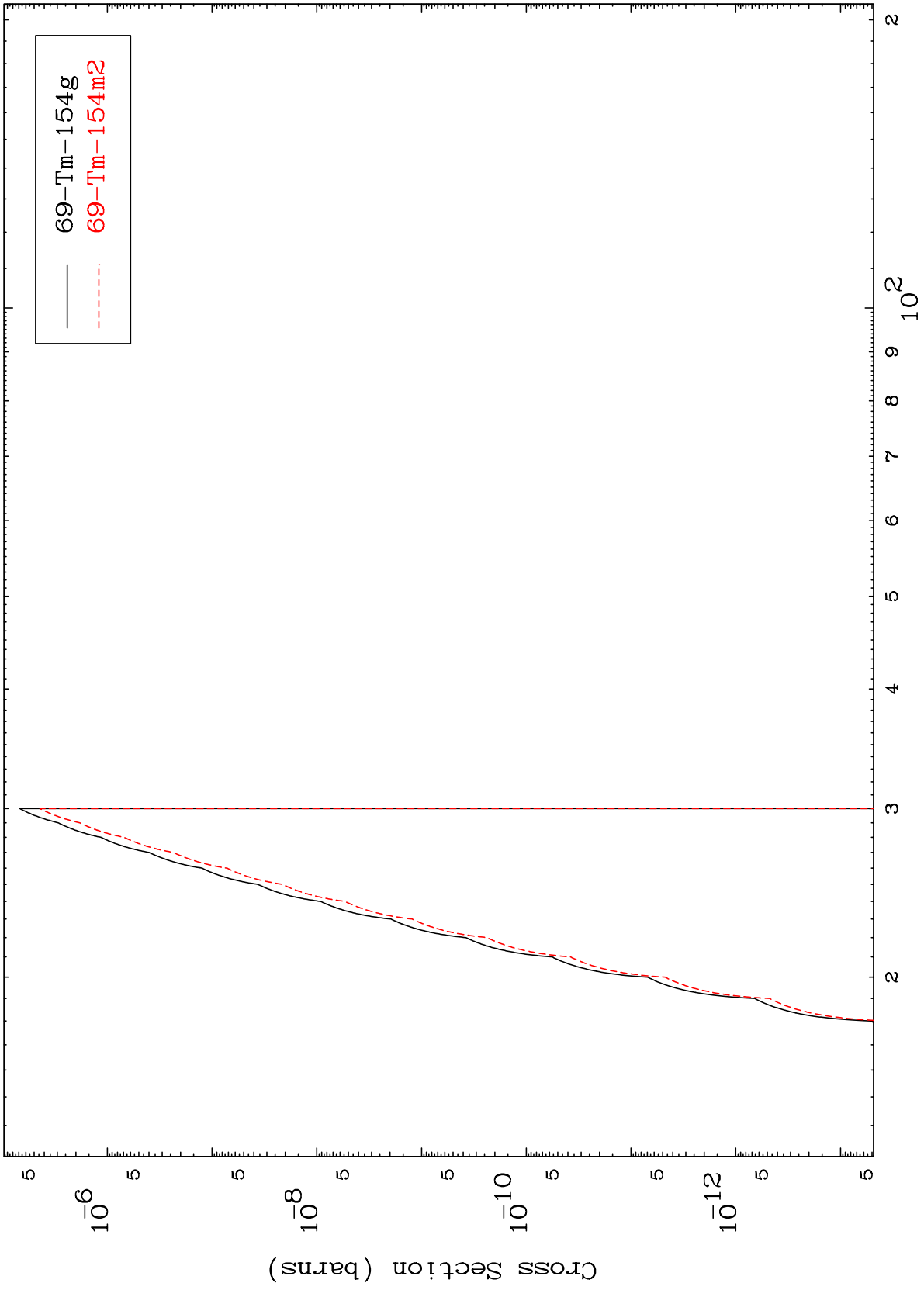
73-Ta-163

MAT 7274

(n,2n) 2 α

73-Ta-163

Radionuclide Production Cross Section



27

Incident Energy (MeV)

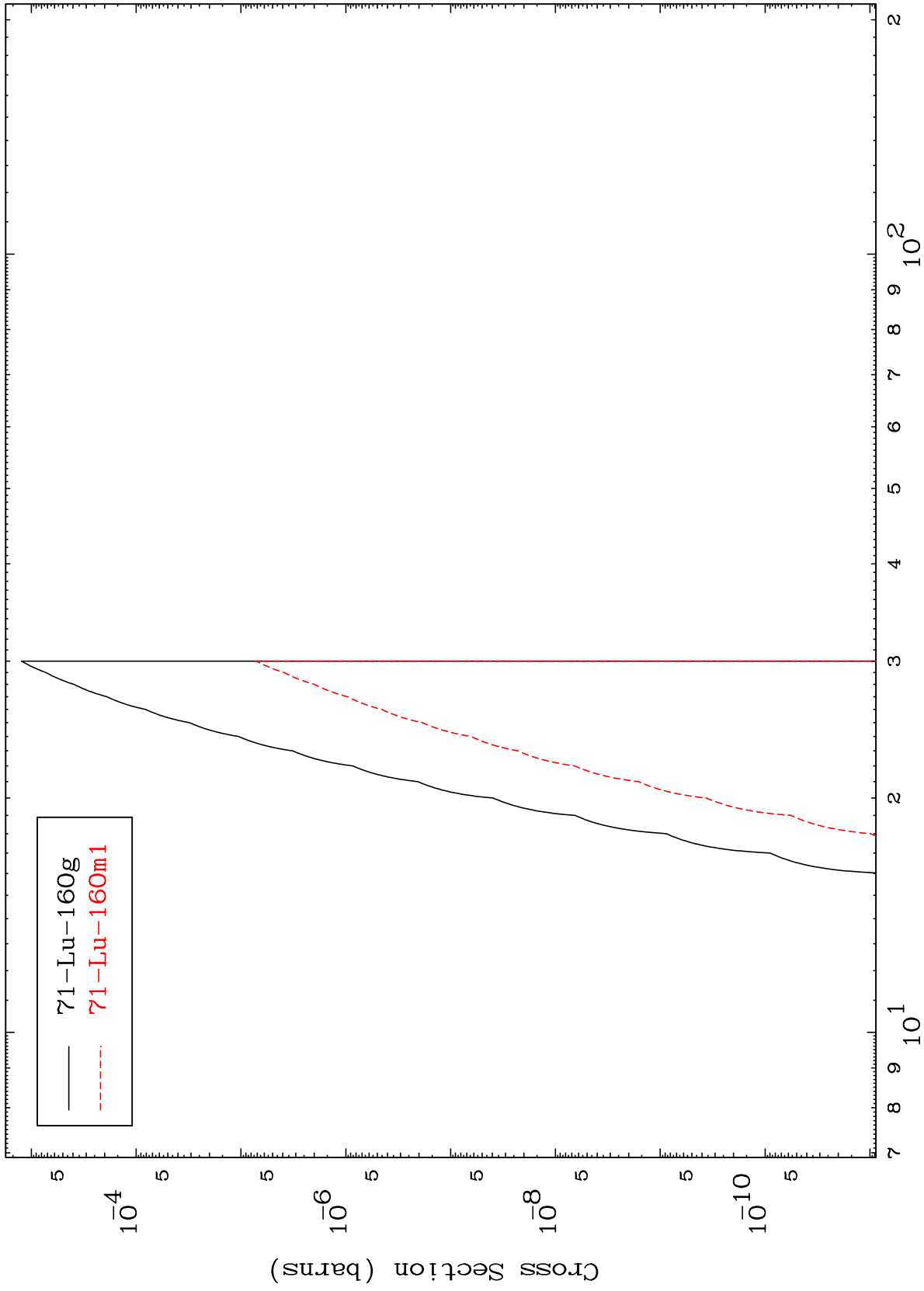
73-Ta-163

MAT 7274

(n, n') He-3

73-Ta-163

Radionuclide Production Cross Section



28

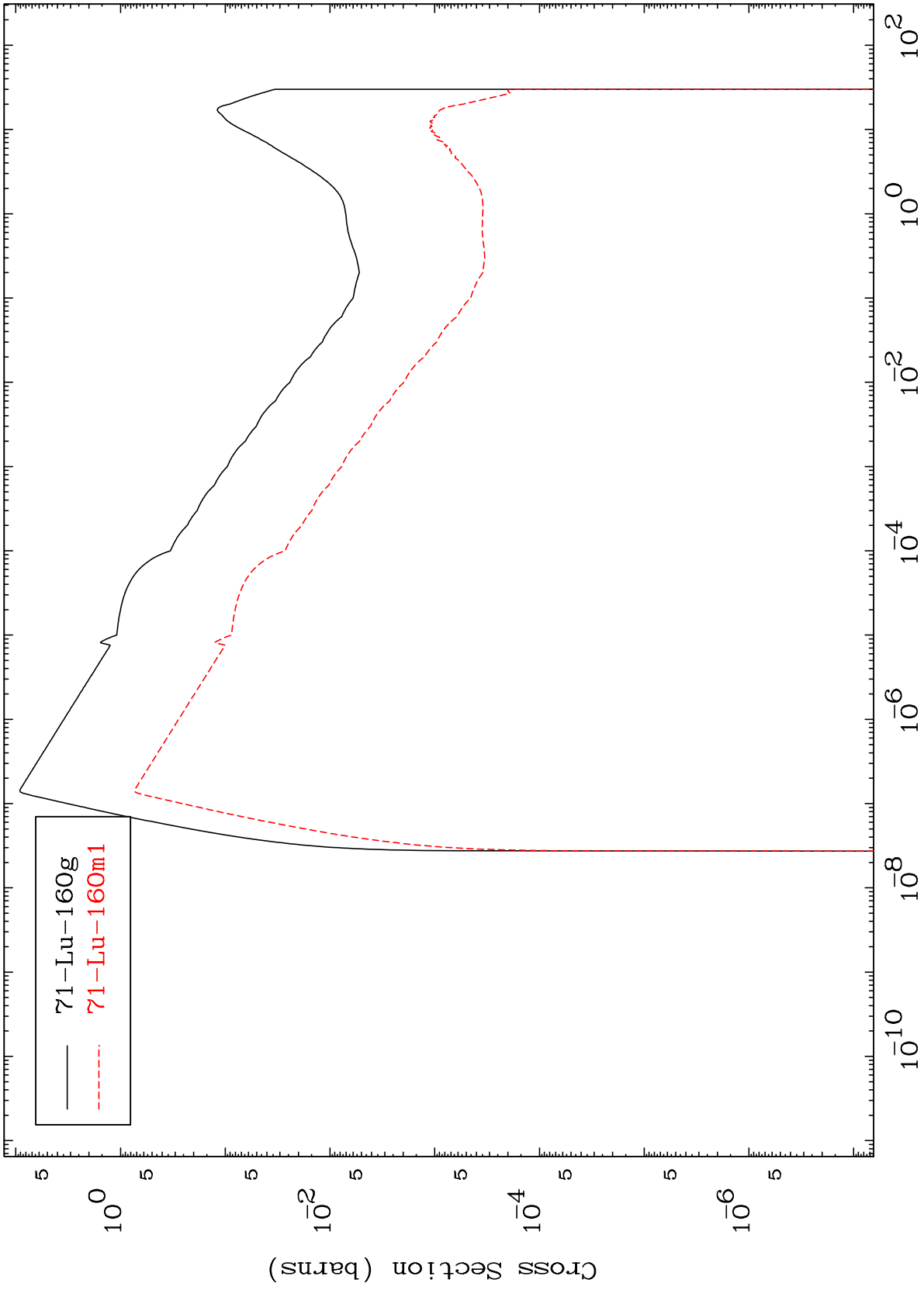
Incident Energy (MeV)

73-Ta-163

MAT 7274

73-Ta-163

Radionuclide Production Cross Section (n,α)



29

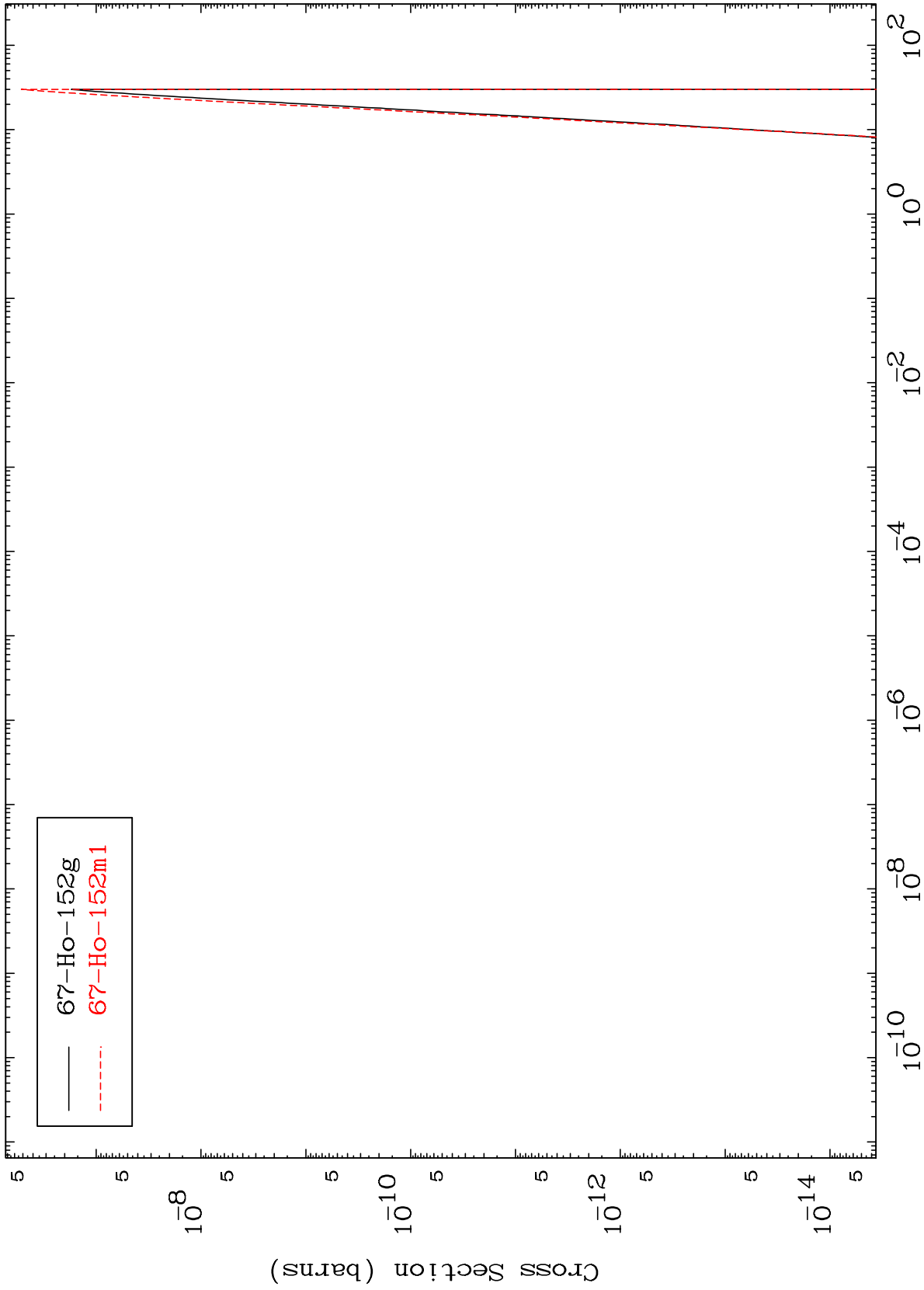
73-Ta-163

MAT 7274

(n,3α)

73-Ta-163

Radionuclide Production Cross Section



30

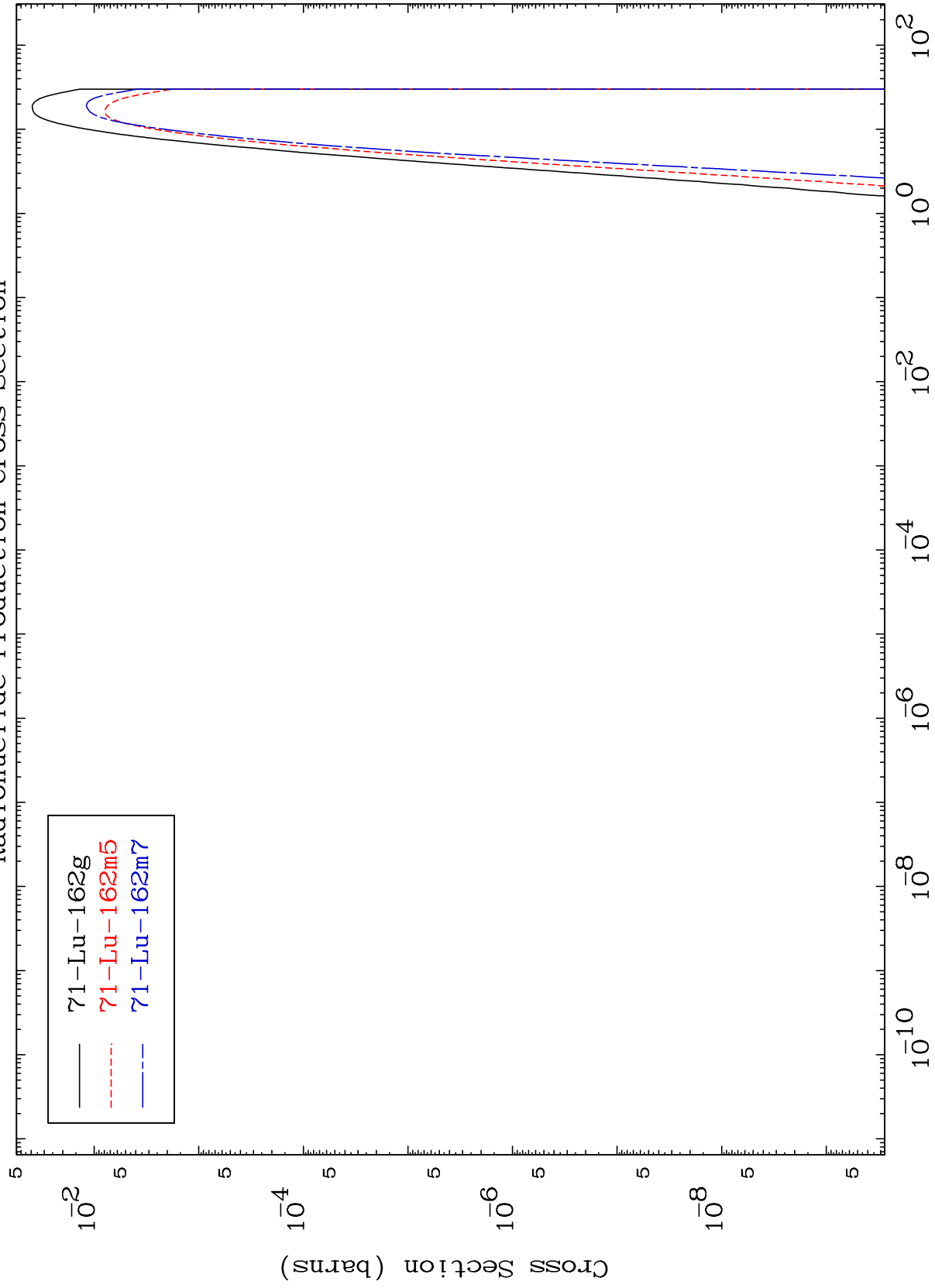
Incident Energy (MeV)

73-Ta-163

MAT 7274

Radionuclide Production Cross Section
(n,2p)

⁷³Ta-163



31

Incident Energy (MeV)

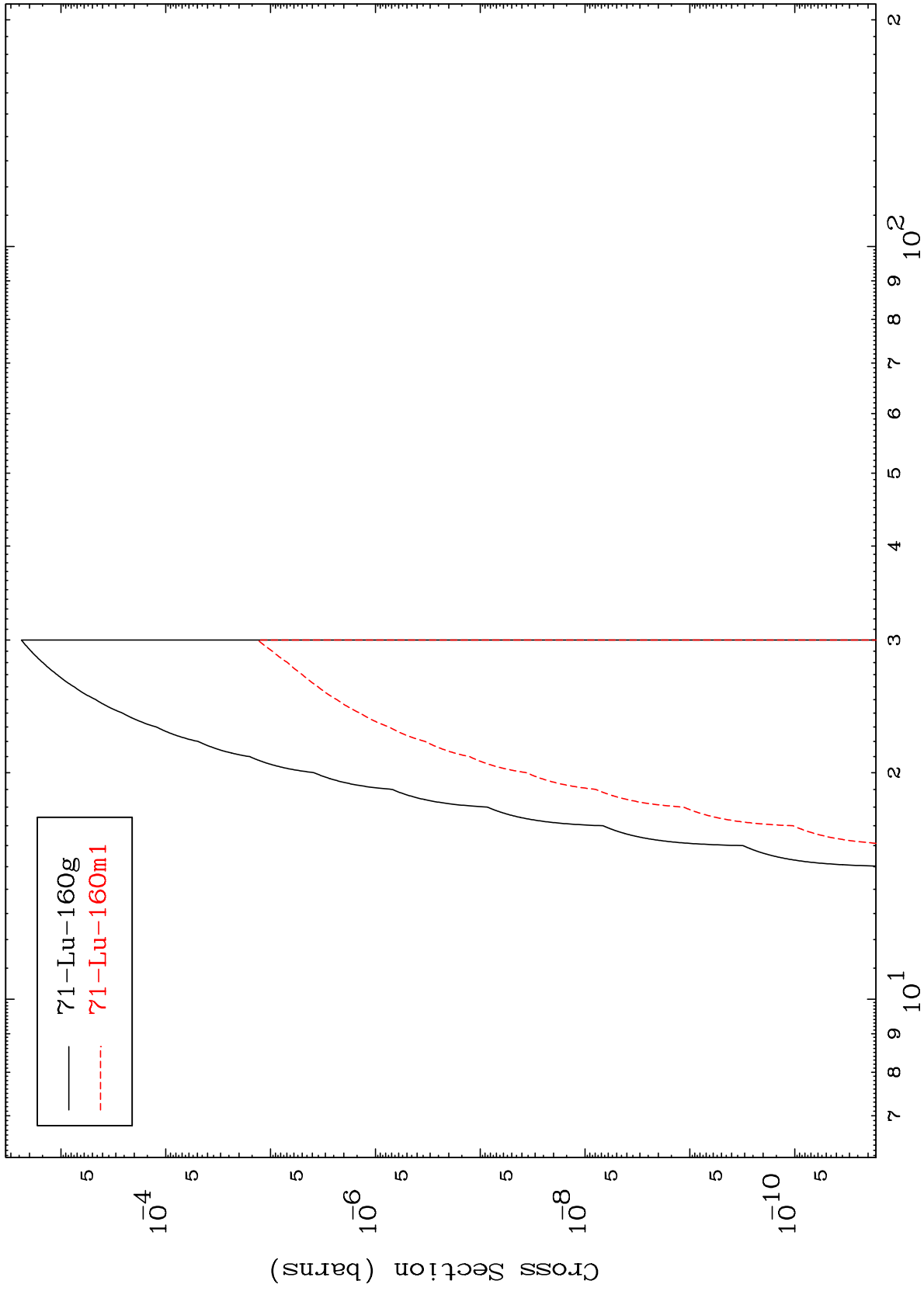
⁷³Ta-163

MAT 7274

(n,p) t

73-Ta-163

Radionuclide Production Cross Section



32

Incident Energy (MeV)

73-Ta-163