

Program EVALPLOT
(Version 2018-1)

by

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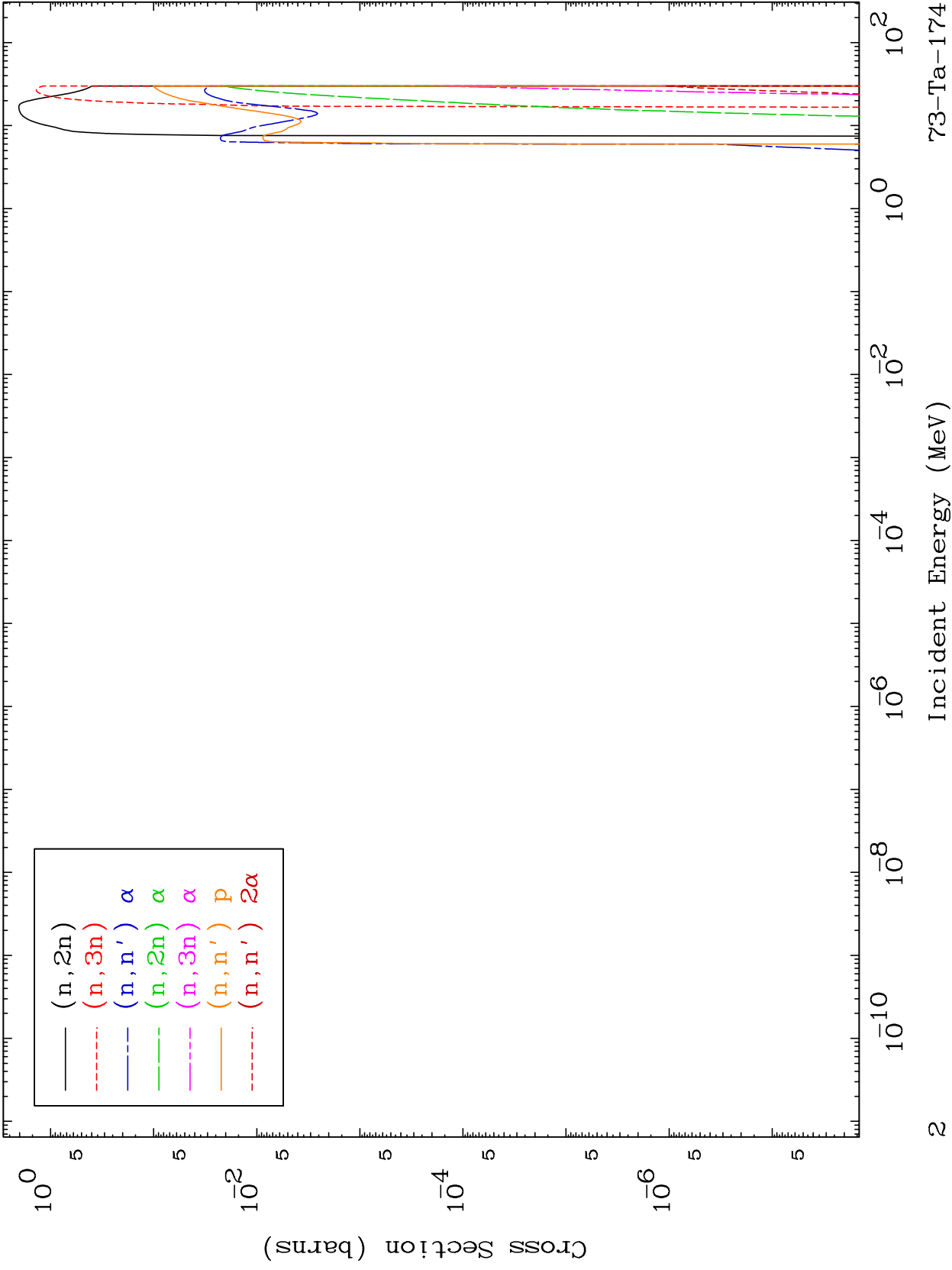
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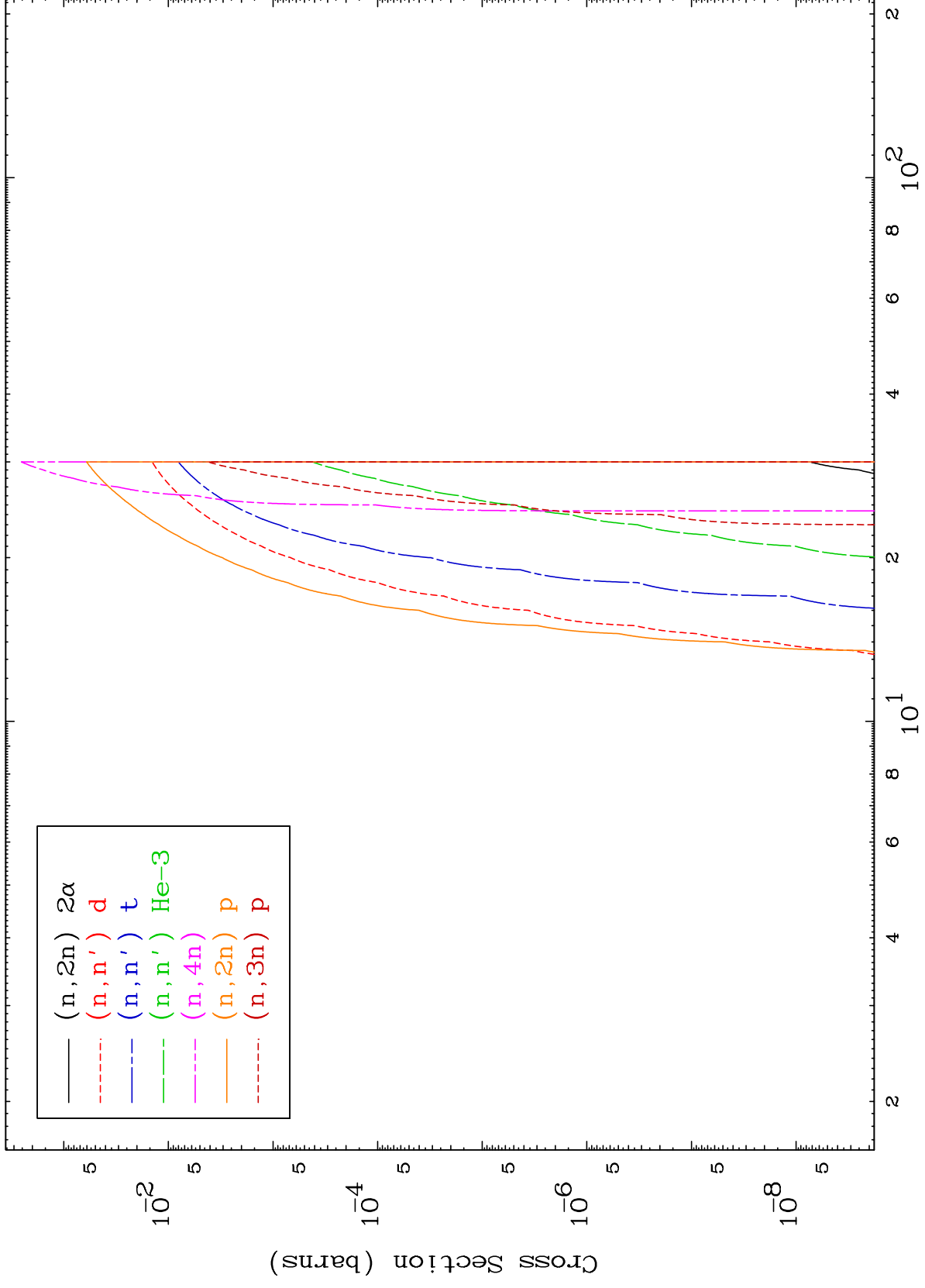
Press Mouse Button to Start

MAT 7307

Neutron Production
293 Kelvin Cross Sections

73-Ta-174

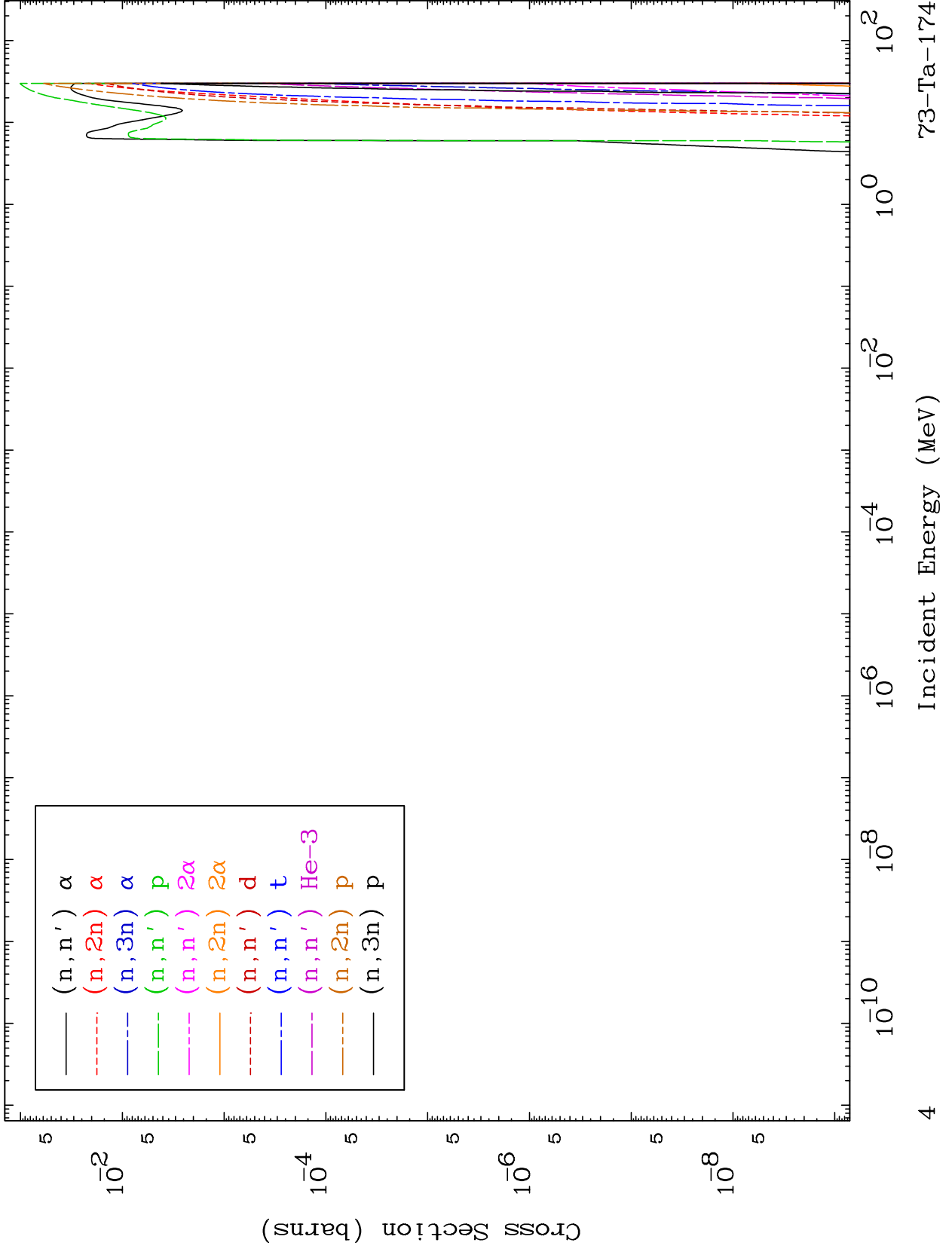


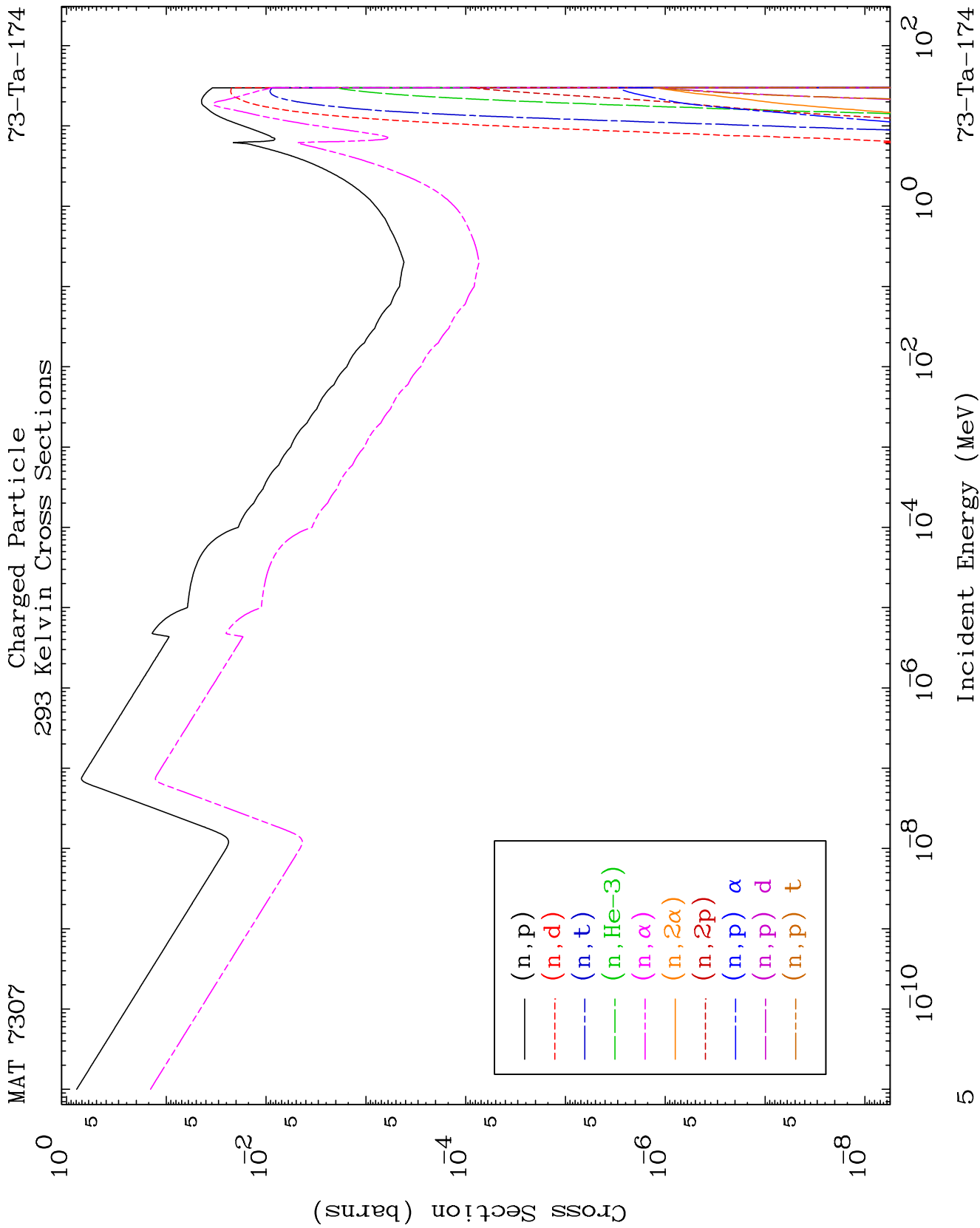


MAT 7307

Charged Particle
293 Kelvin Cross Sections

73-Ta-174





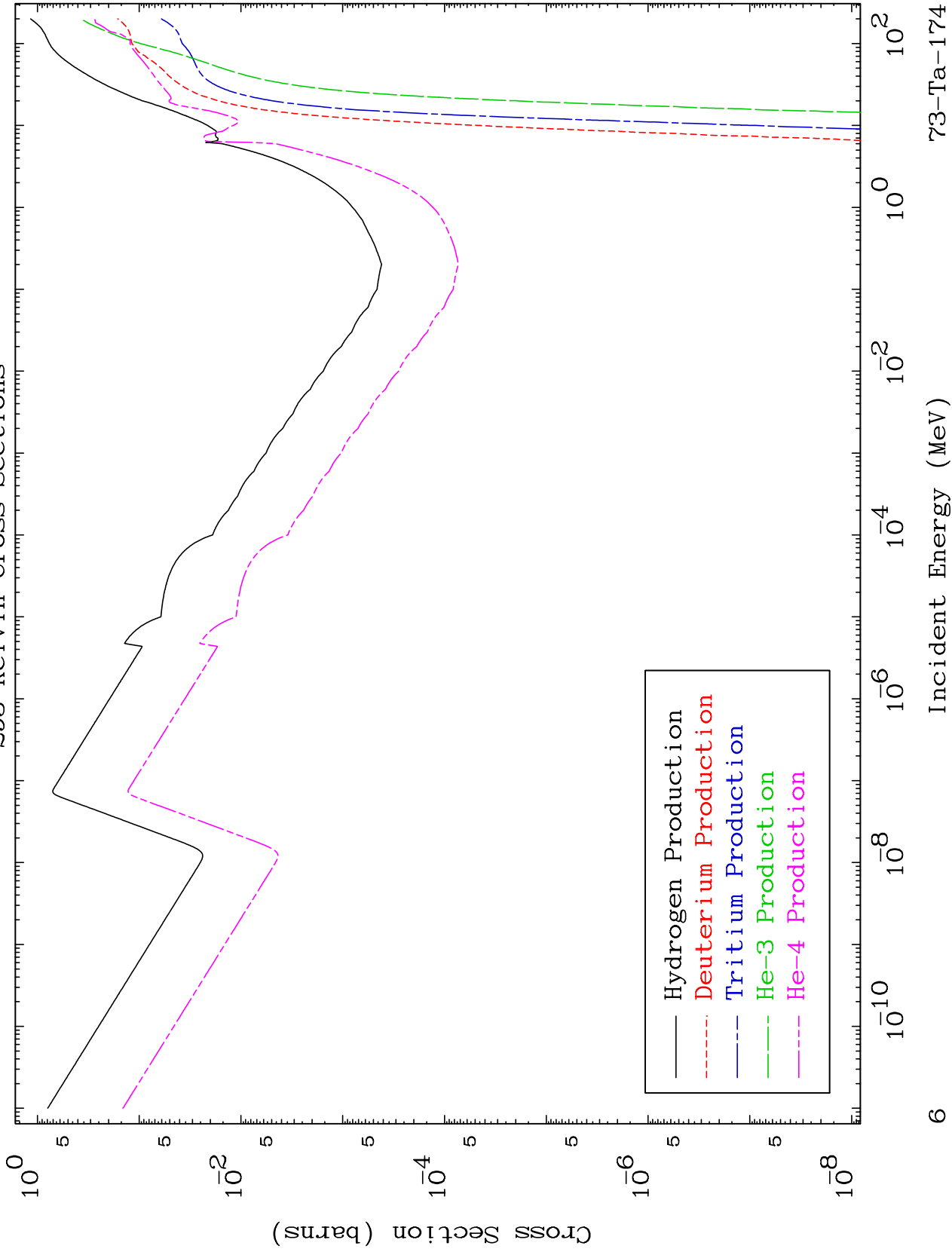
MAT 7307

73-Ta-174

MAT 7307

Particle Production
293 Kelvin Cross Sections

73-Ta-174

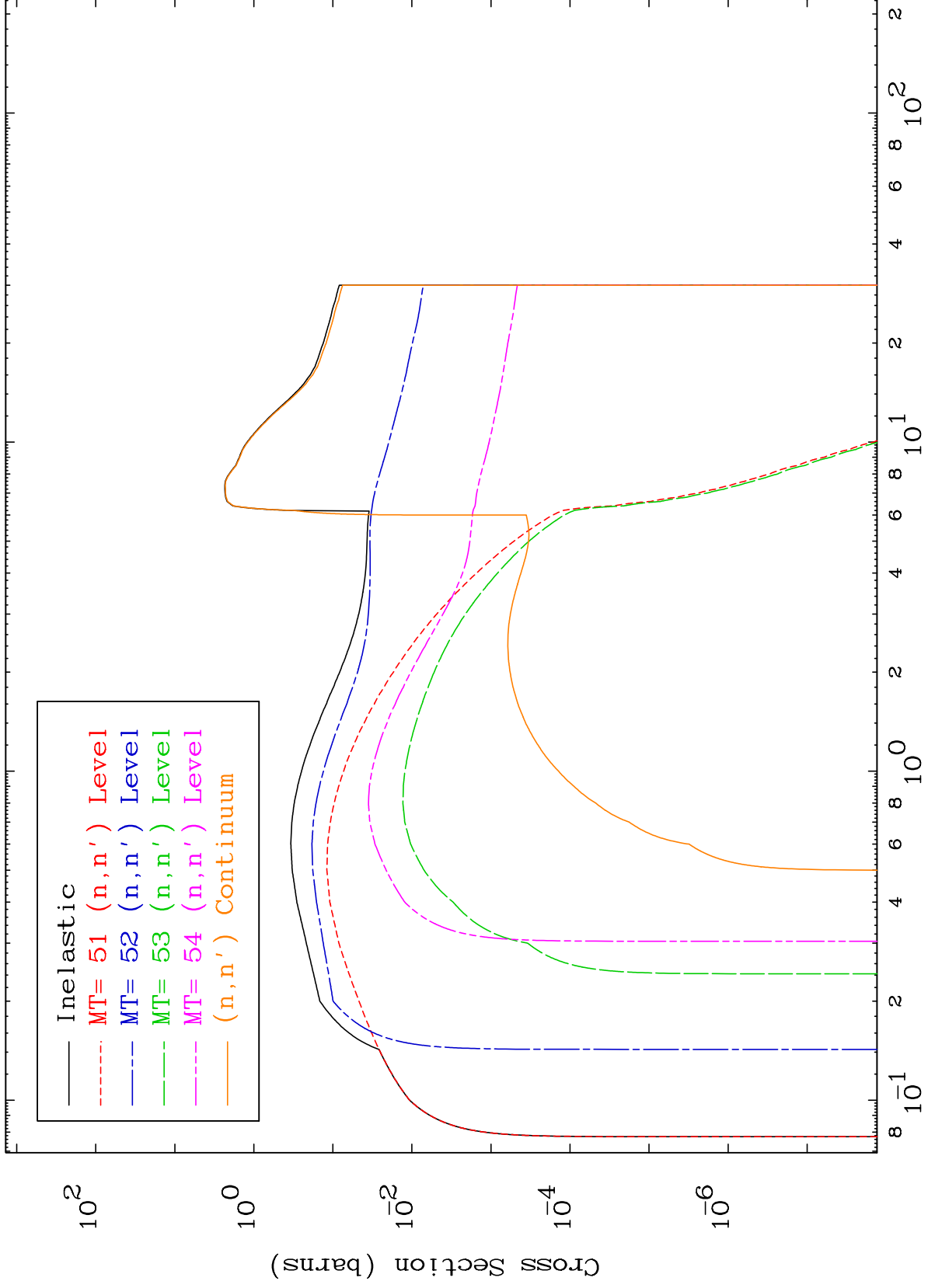


MAT 7307

(n,n') Level

73-Ta-174

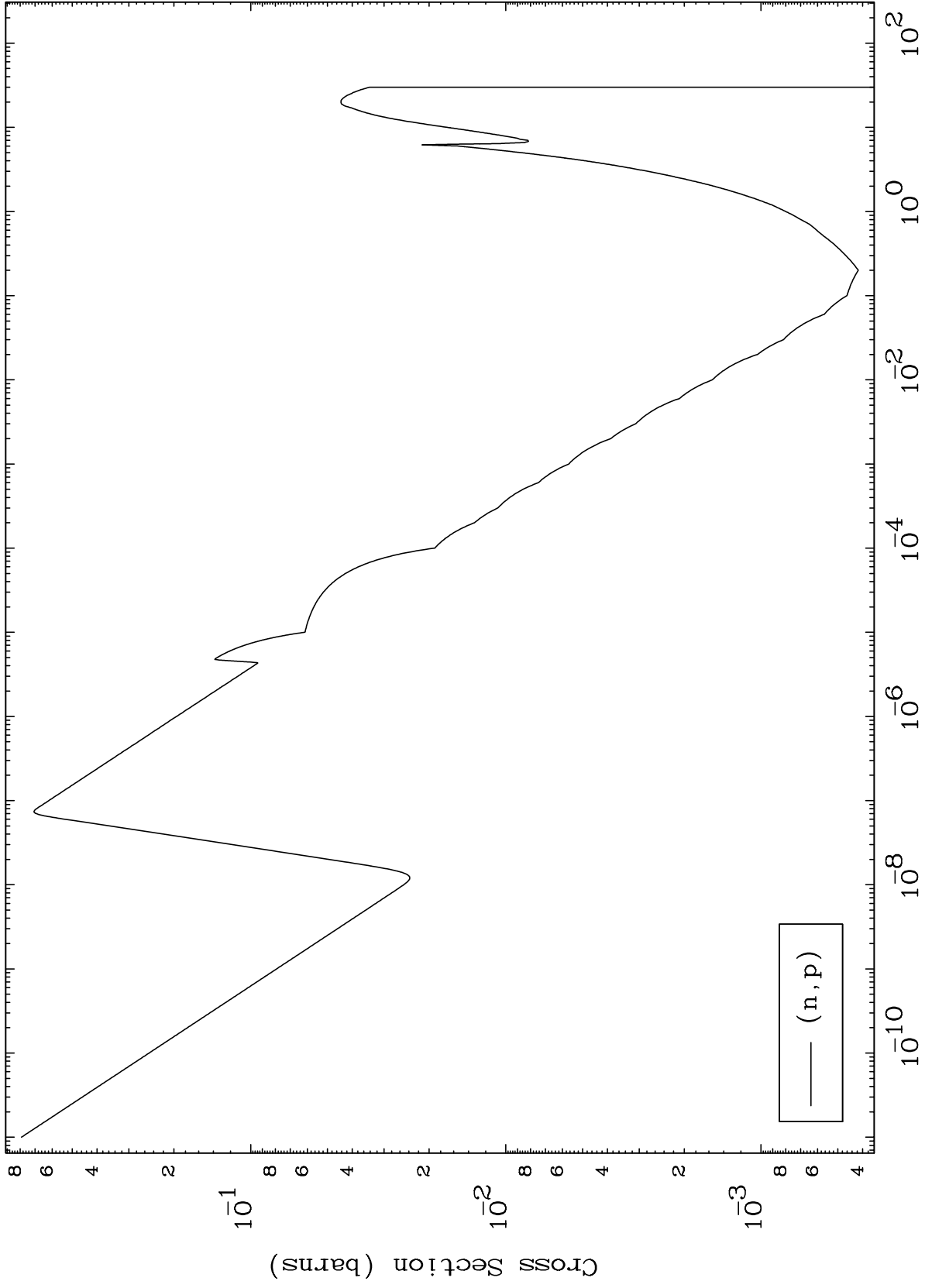
293 Kelvin Cross Sections



MAT 7307

(n,p) Levels
293 Kelvin Cross Sections

73-Ta-174



8

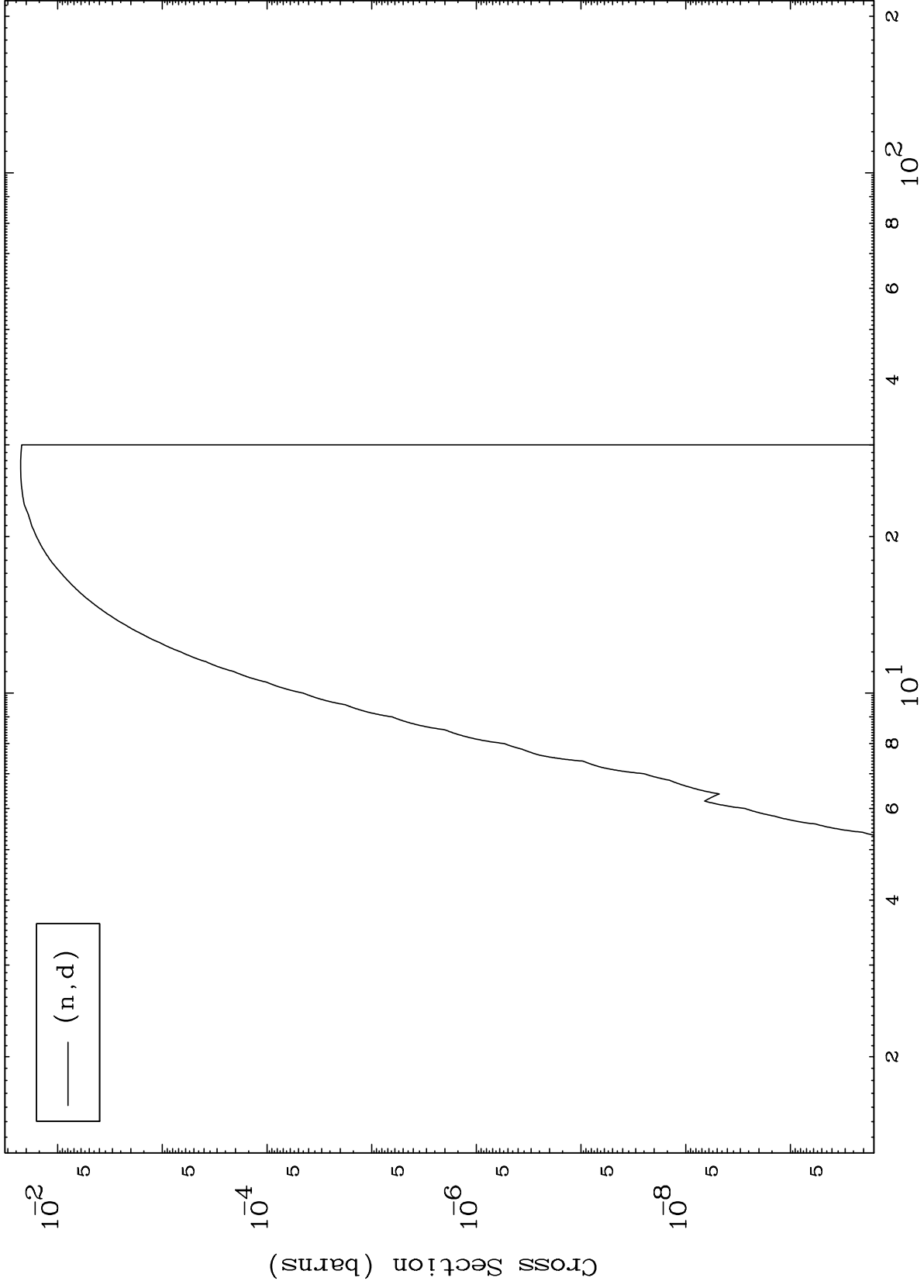
Incident Energy (MeV)

73-Ta-174

MAT 7307

(n,d) Levels
293 Kelvin Cross Sections

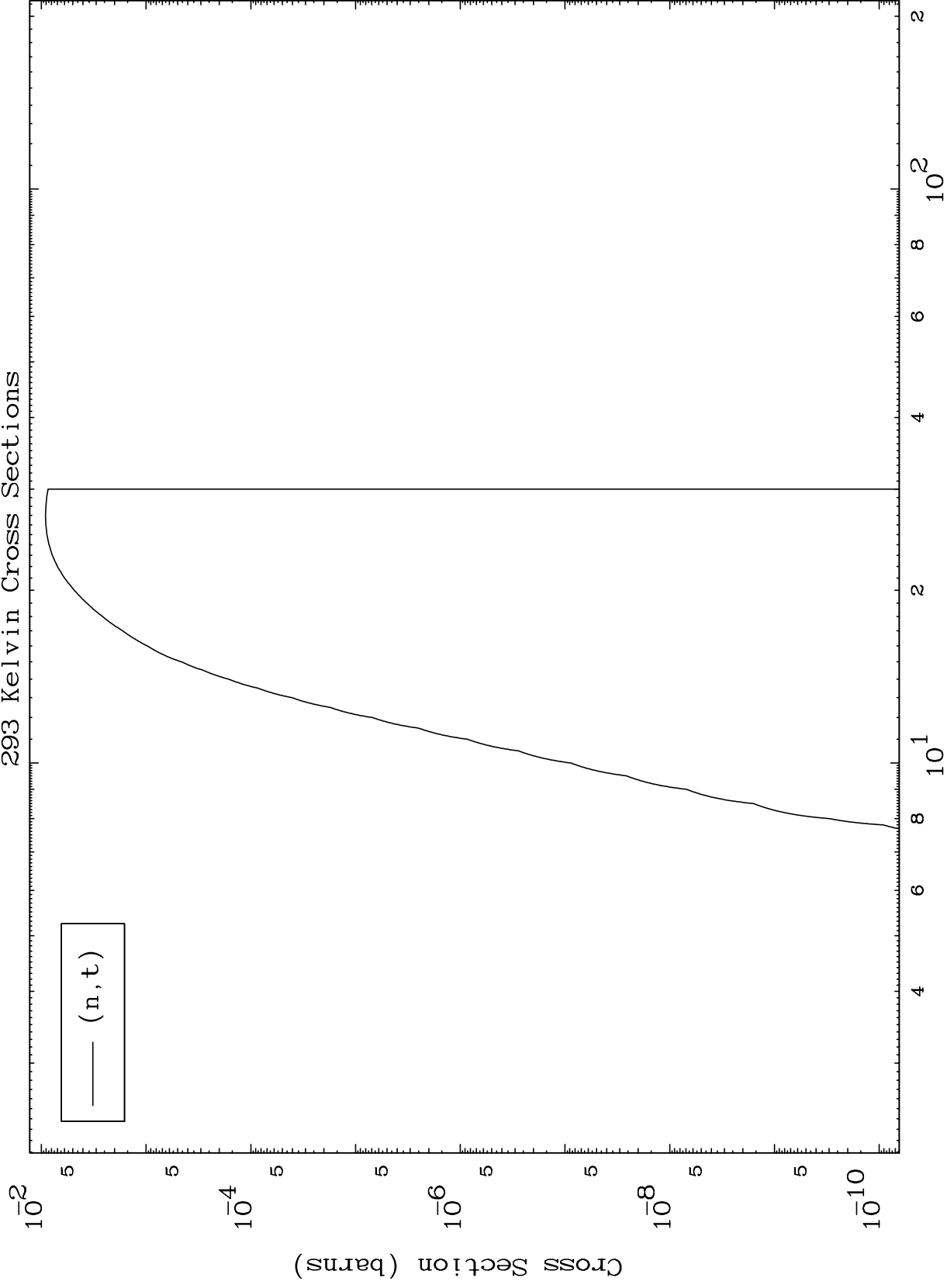
73-Ta-174



MAT 7307

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-174



10

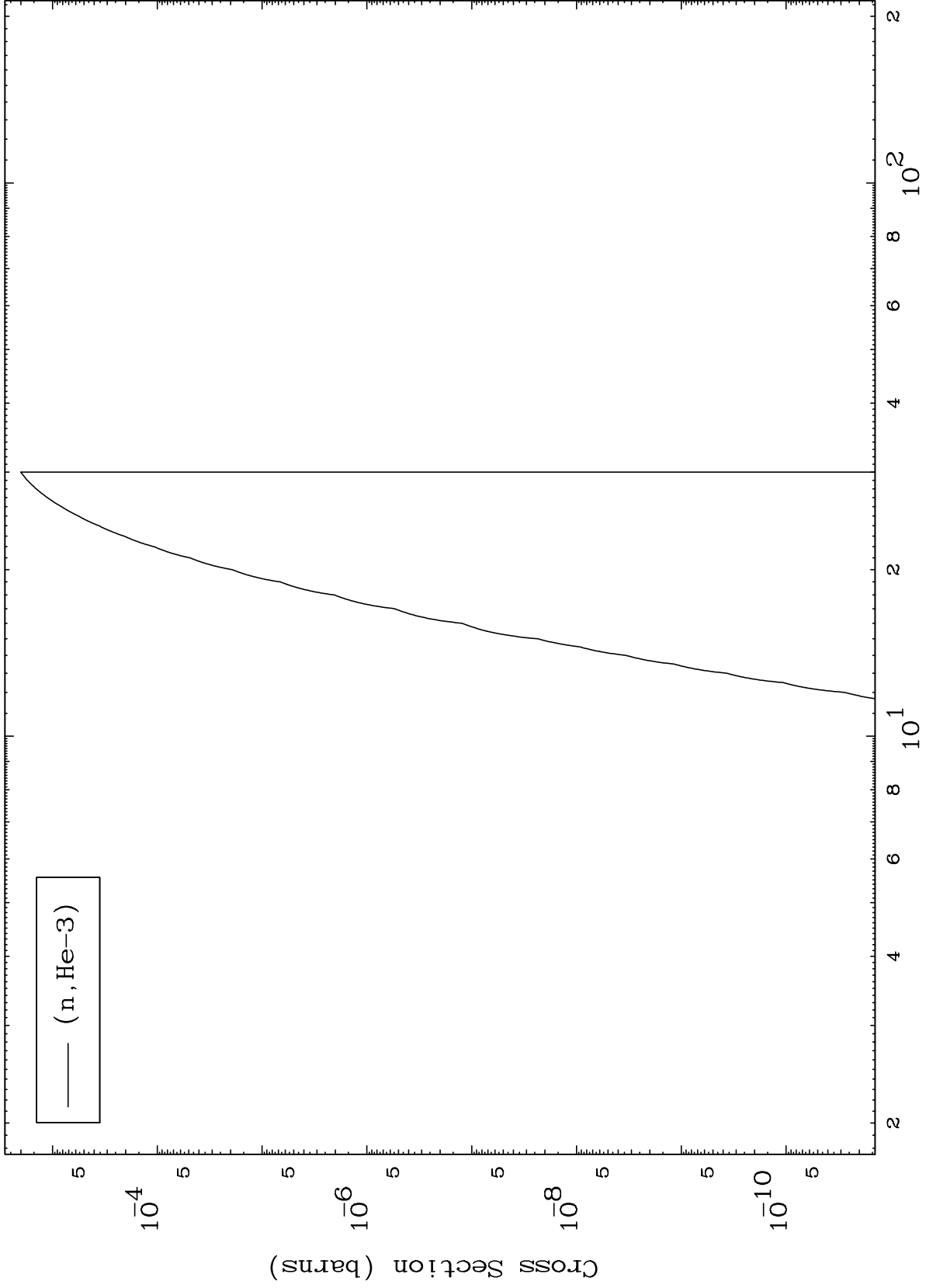
Incident Energy (MeV)

73-Ta-174

MAT 7307

(n,He3) Levels
293 Kelvin Cross Sections

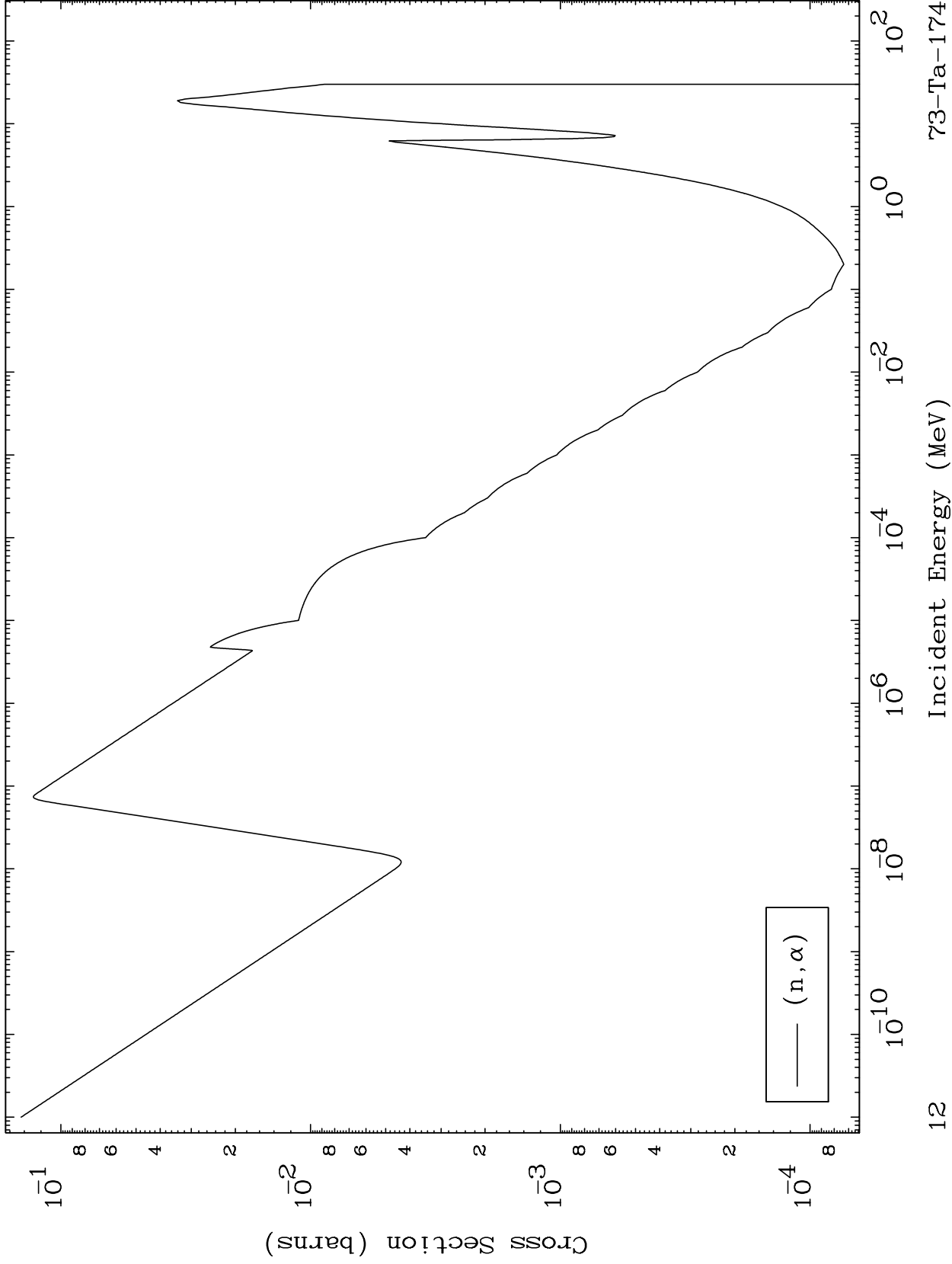
73-Ta-174

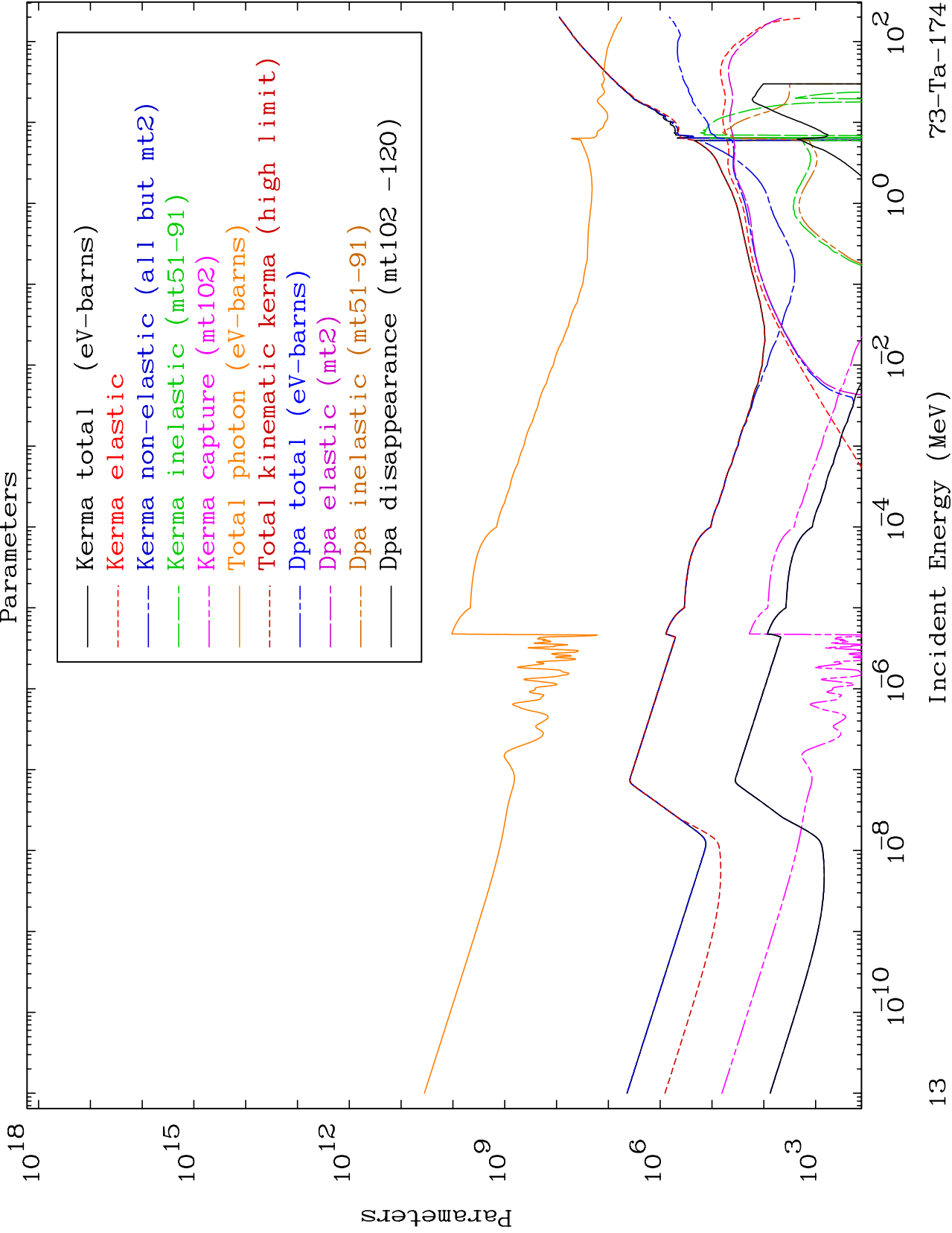


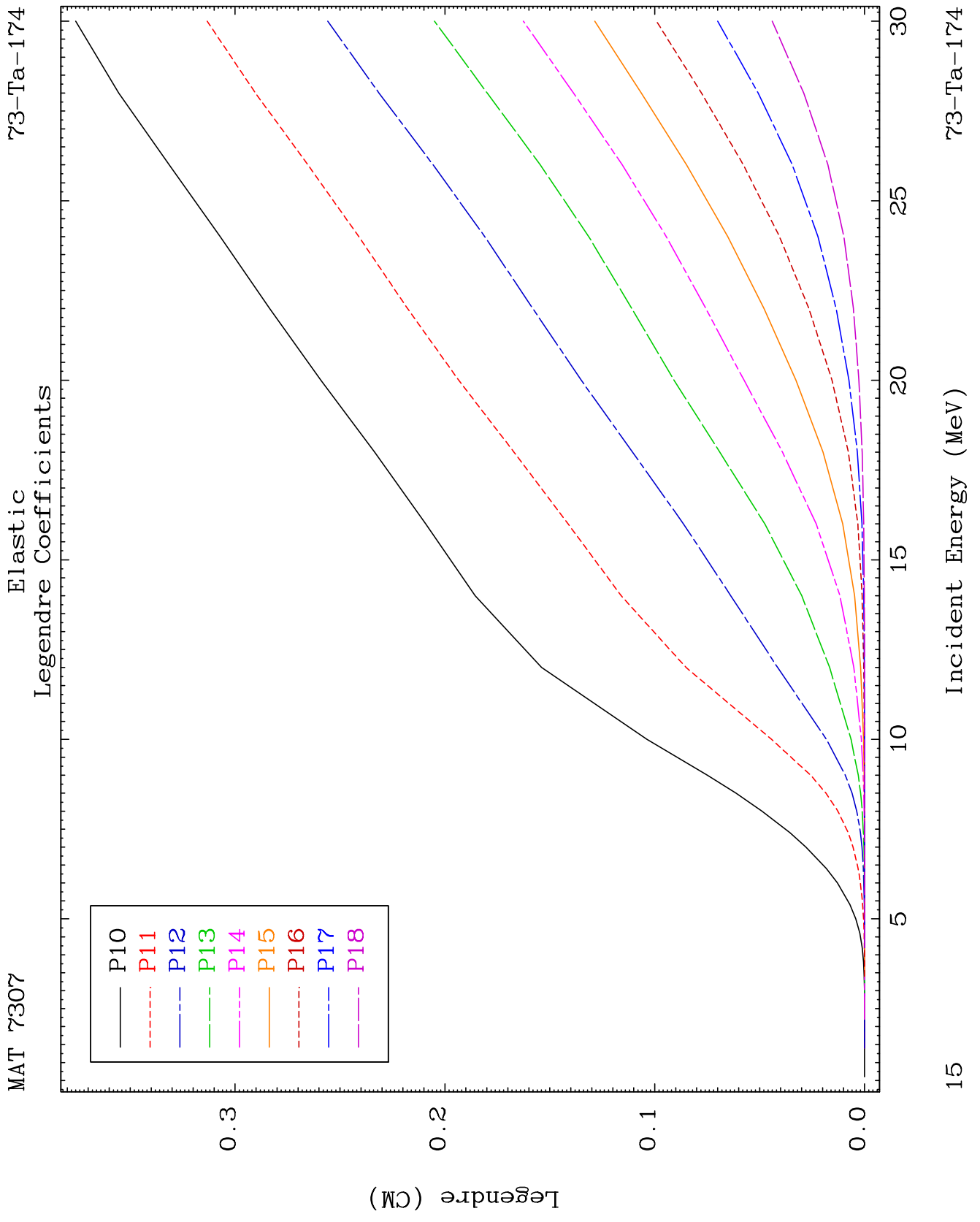
MAT 7307

(n,α) Levels
293 Kelvin Cross Sections

73-Ta-174





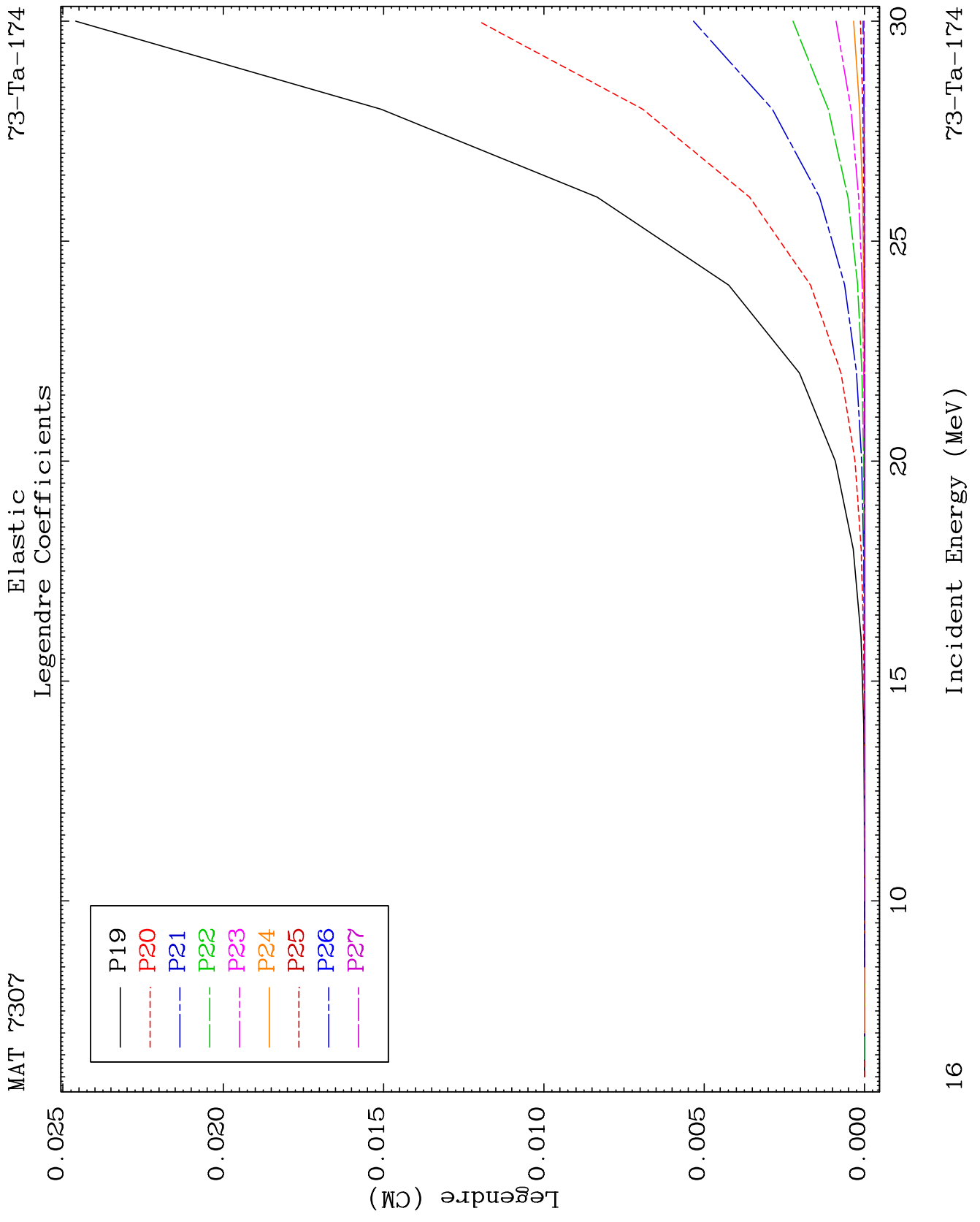


MAT 7307

73-Ta-174

15

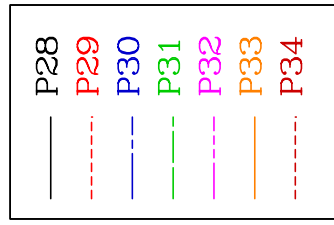
73-Ta-174



MAT 7307

Elastic
Legendre Coefficients

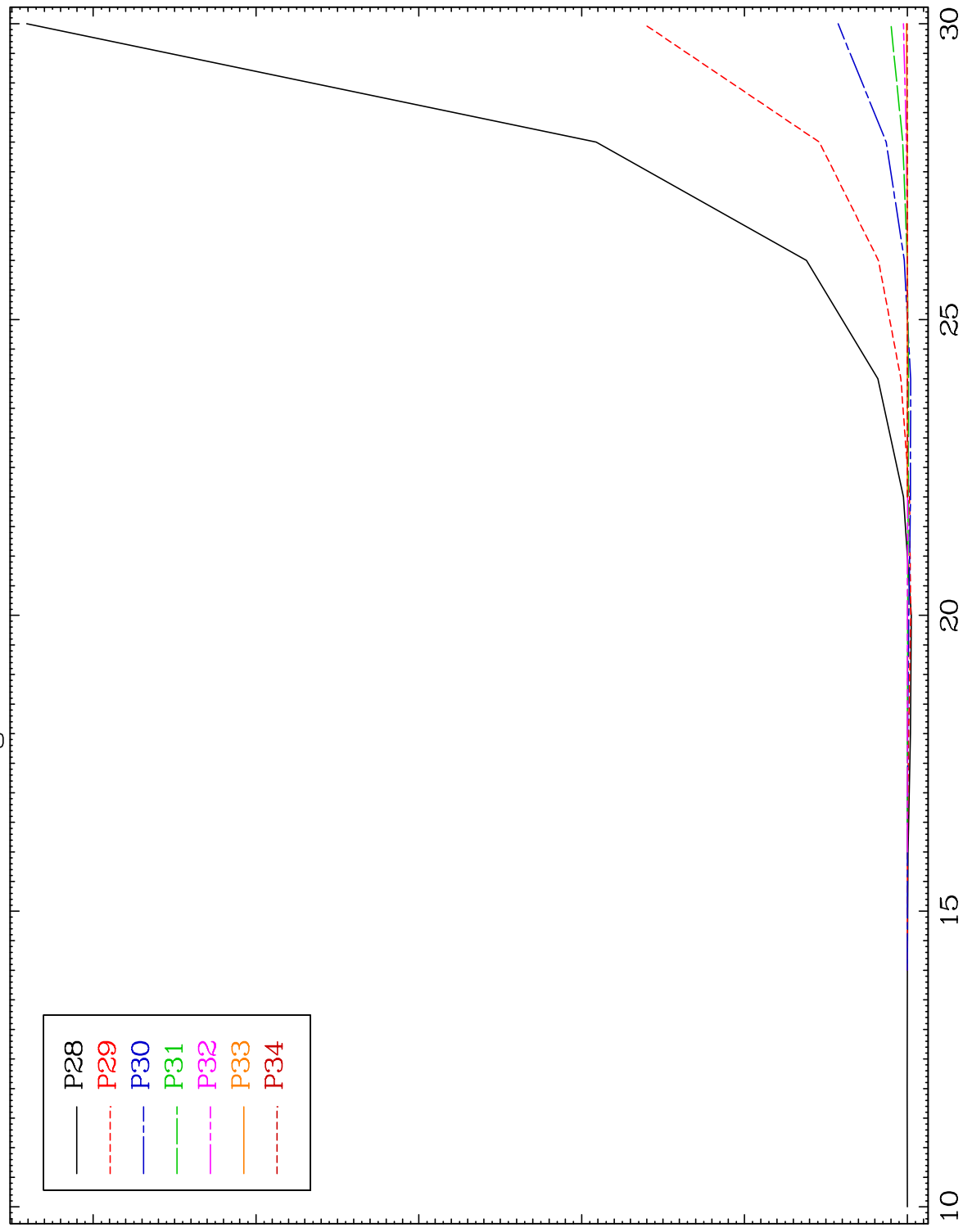
73-Ta-174



Legendre (CM)
 $\times 10^{-6}$

Incident Energy (MeV)

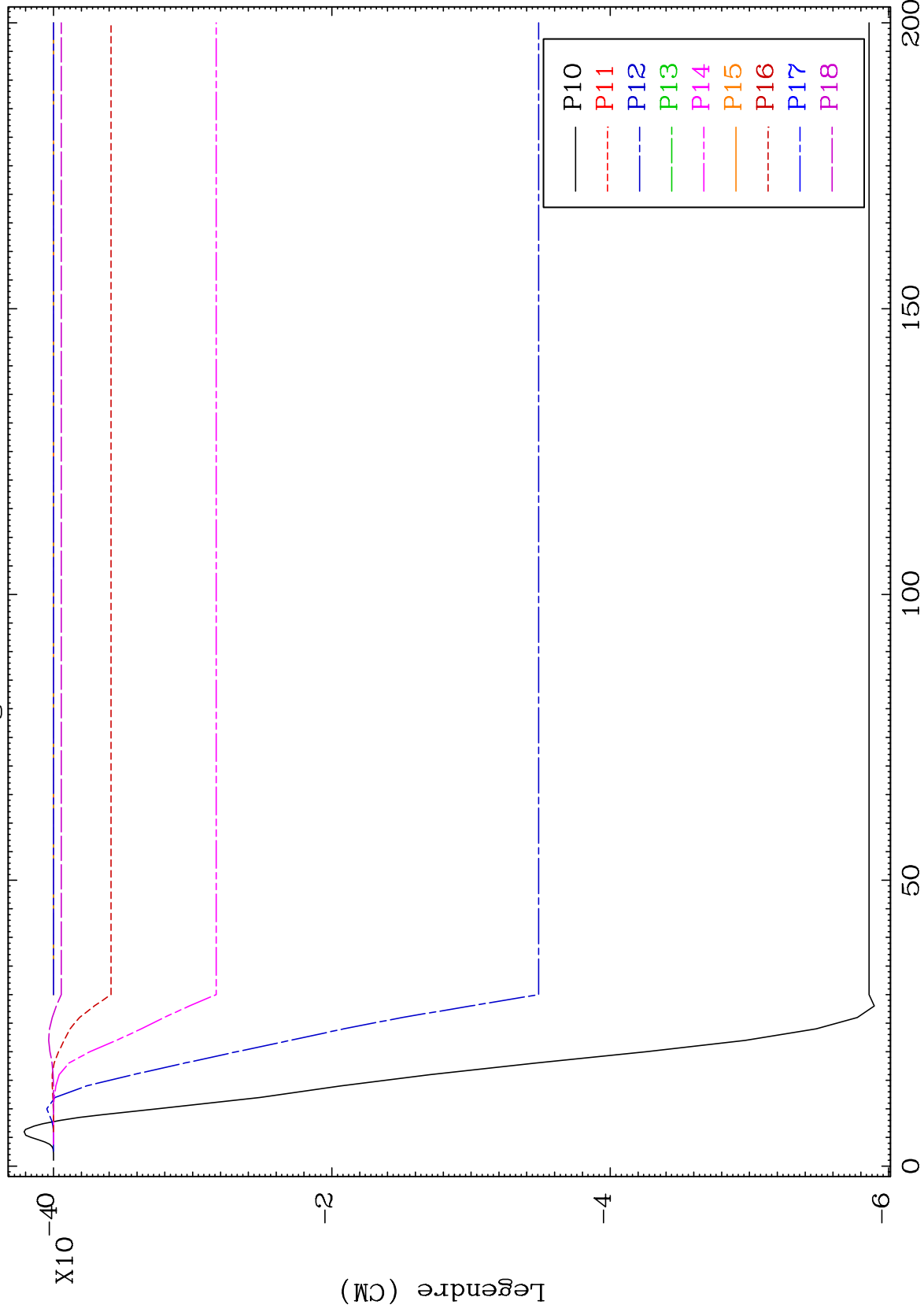
73-Ta-174



MAT 7307

73-Ta-174

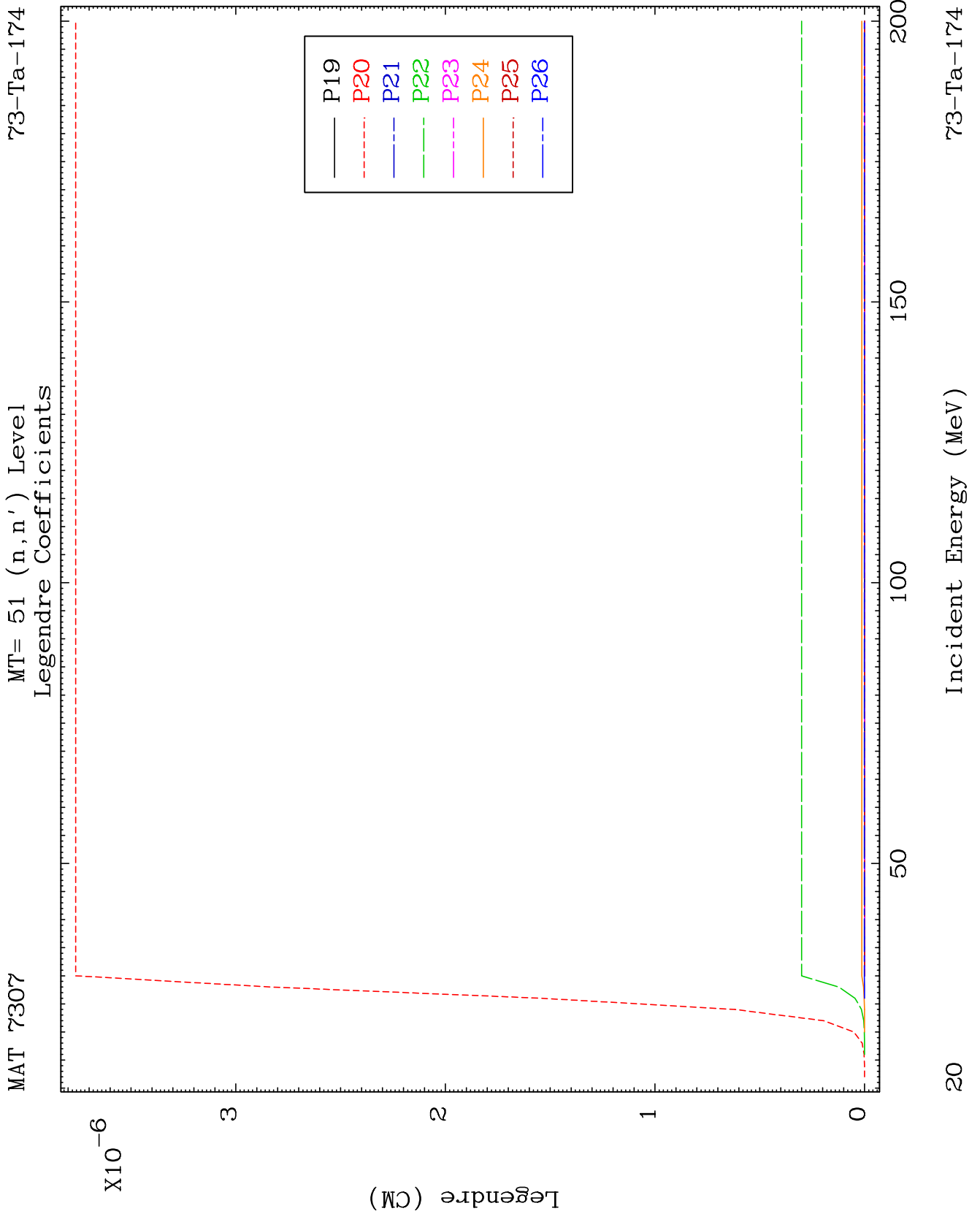
MT= 51 (n,n') Level
Legendre Coefficients



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Incident Energy (MeV)

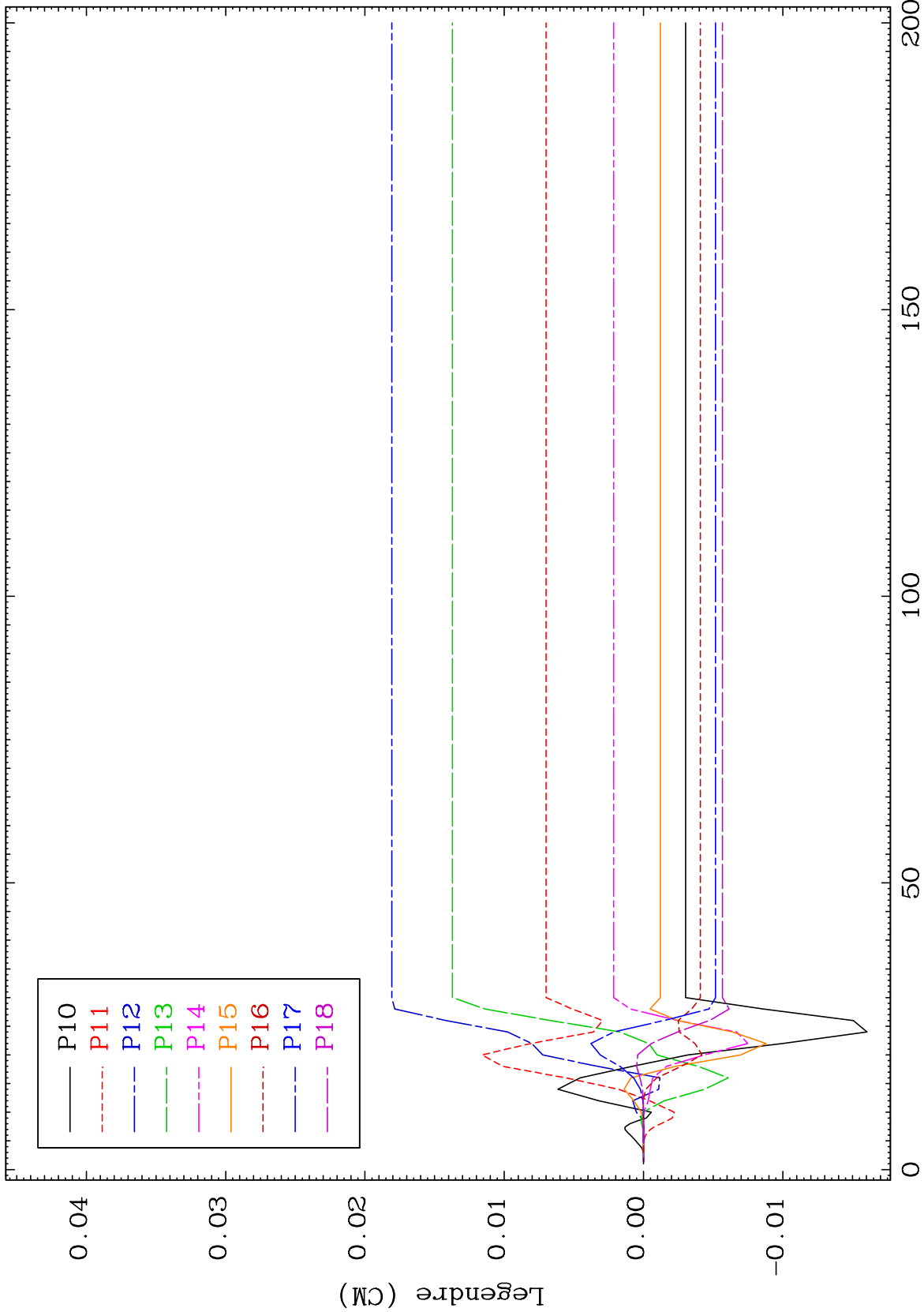
73-Ta-174



MAT 7307

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

73-Ta-174



22

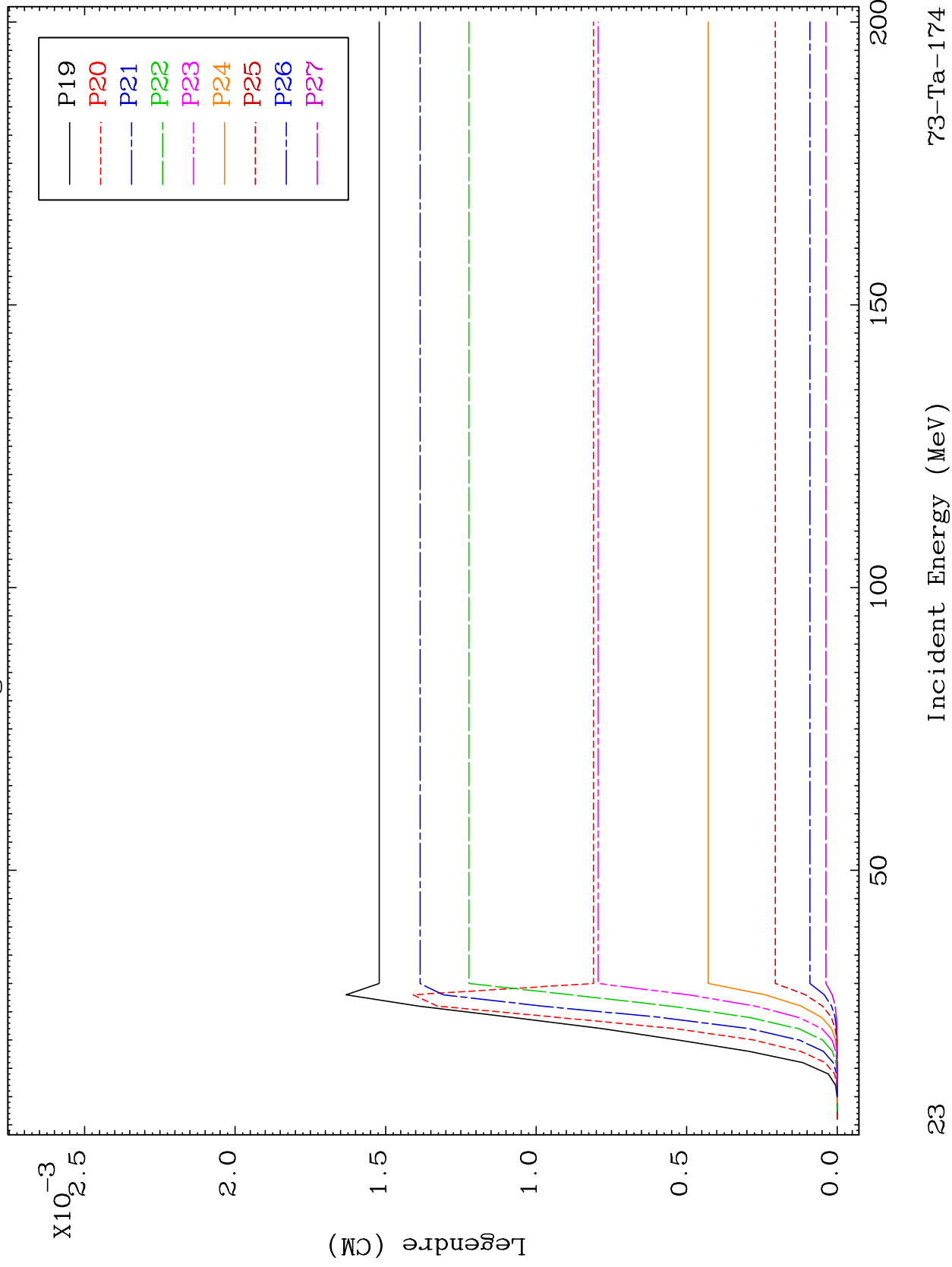
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174



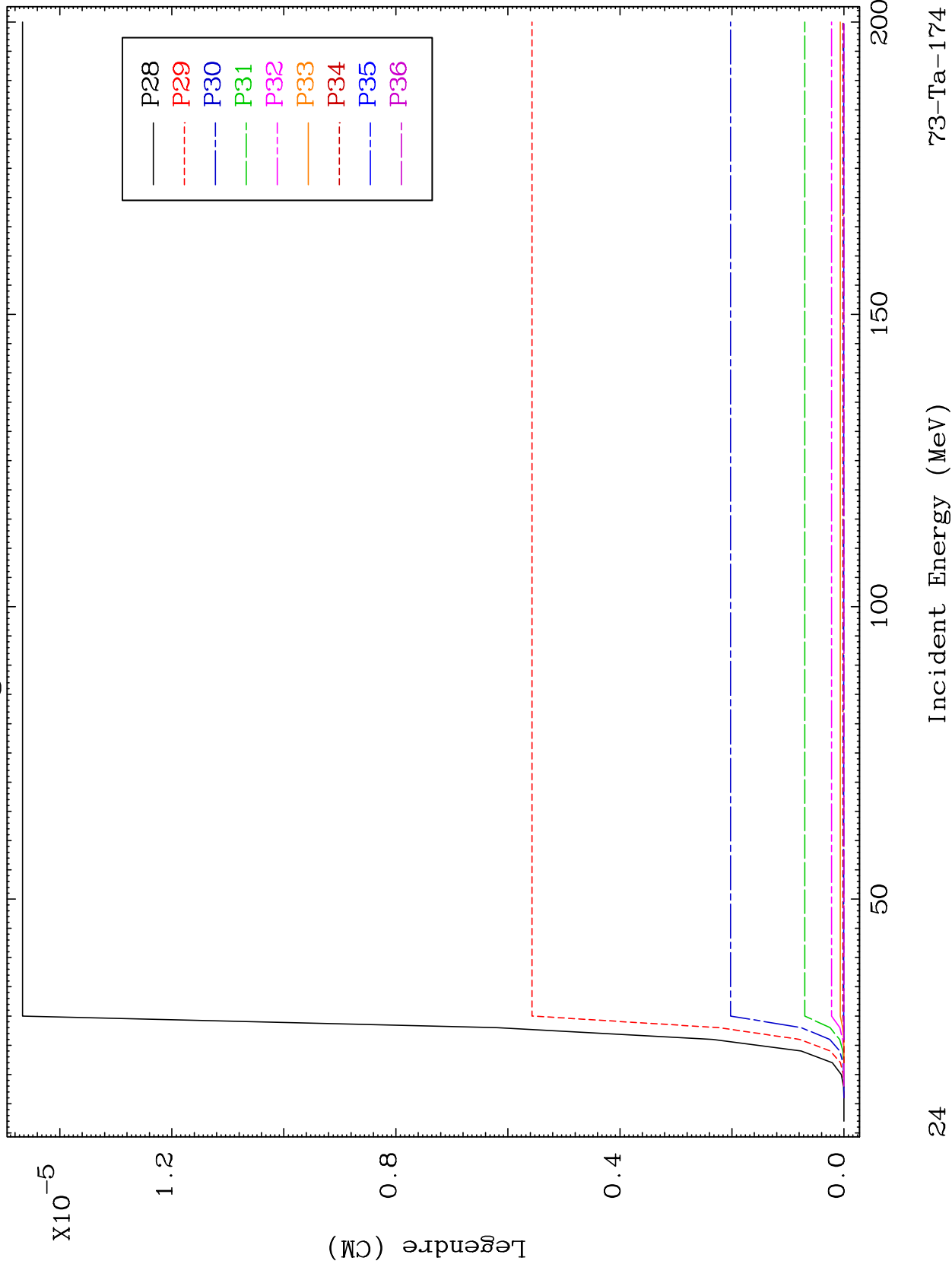
23

73-Ta-174

MAT 7307

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

73-Ta-174

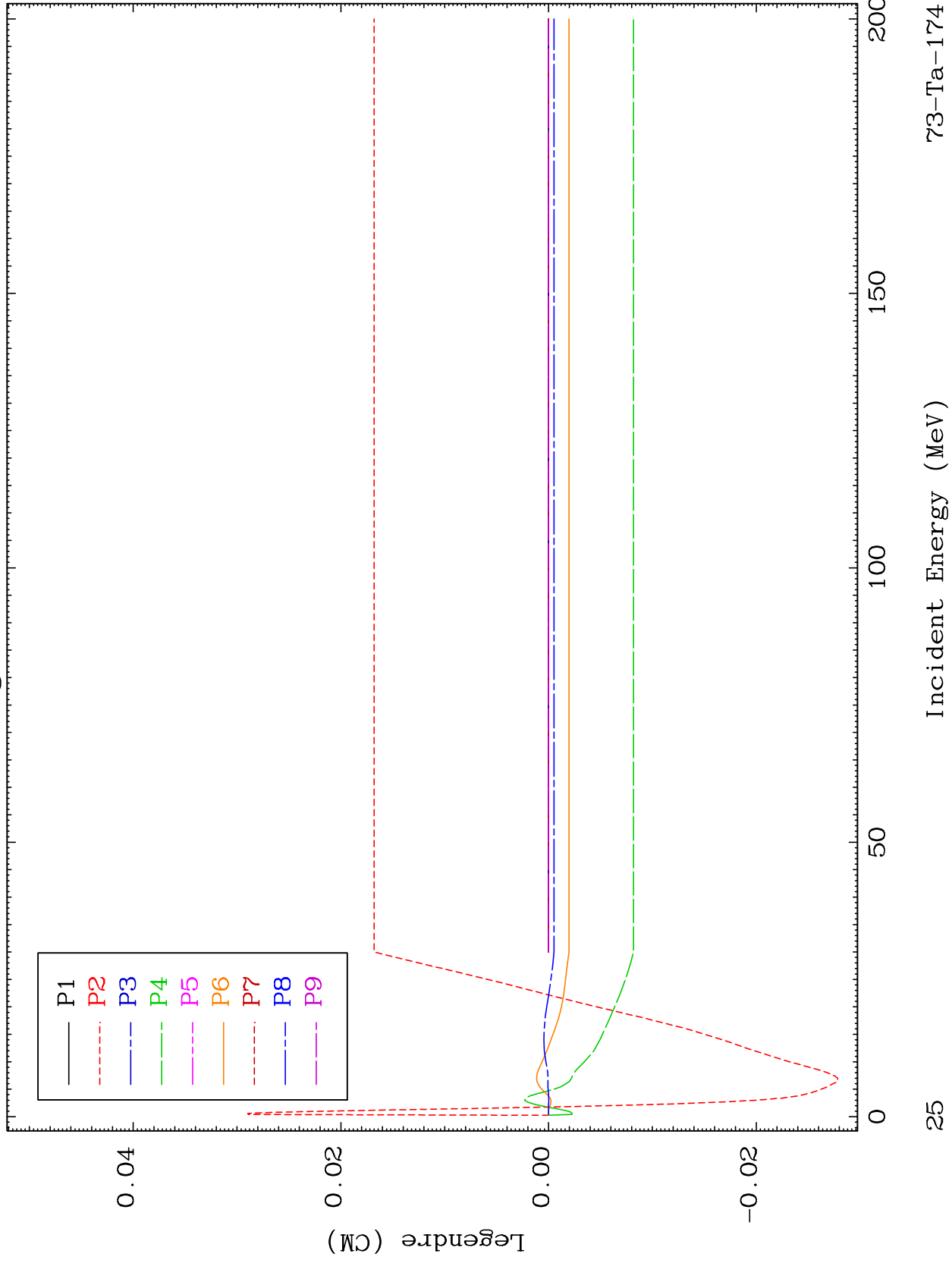


24

MAT 7307

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

73-Ta-174



73-Ta-174

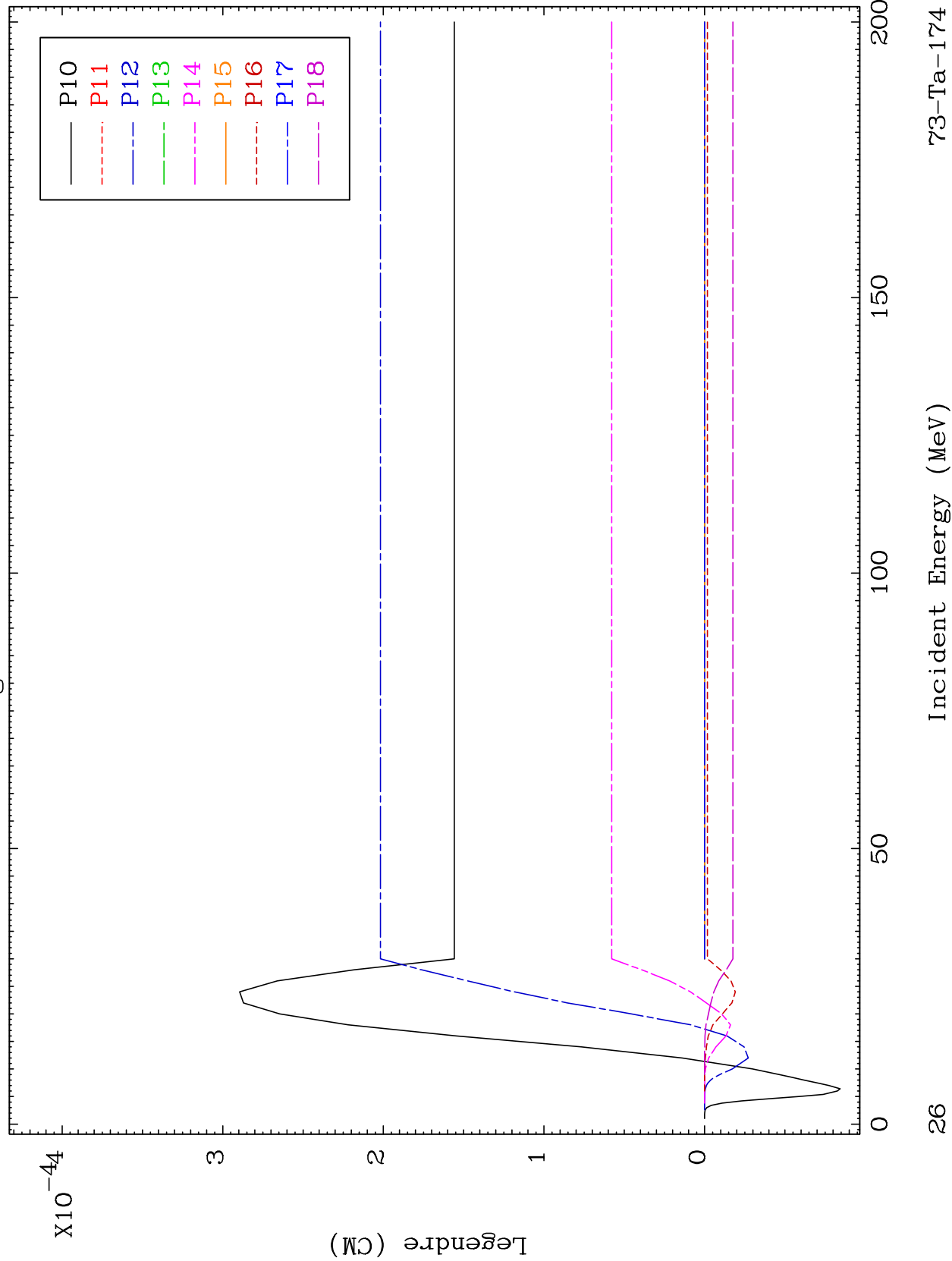
Incident Energy (MeV)

25

MAT 7307

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

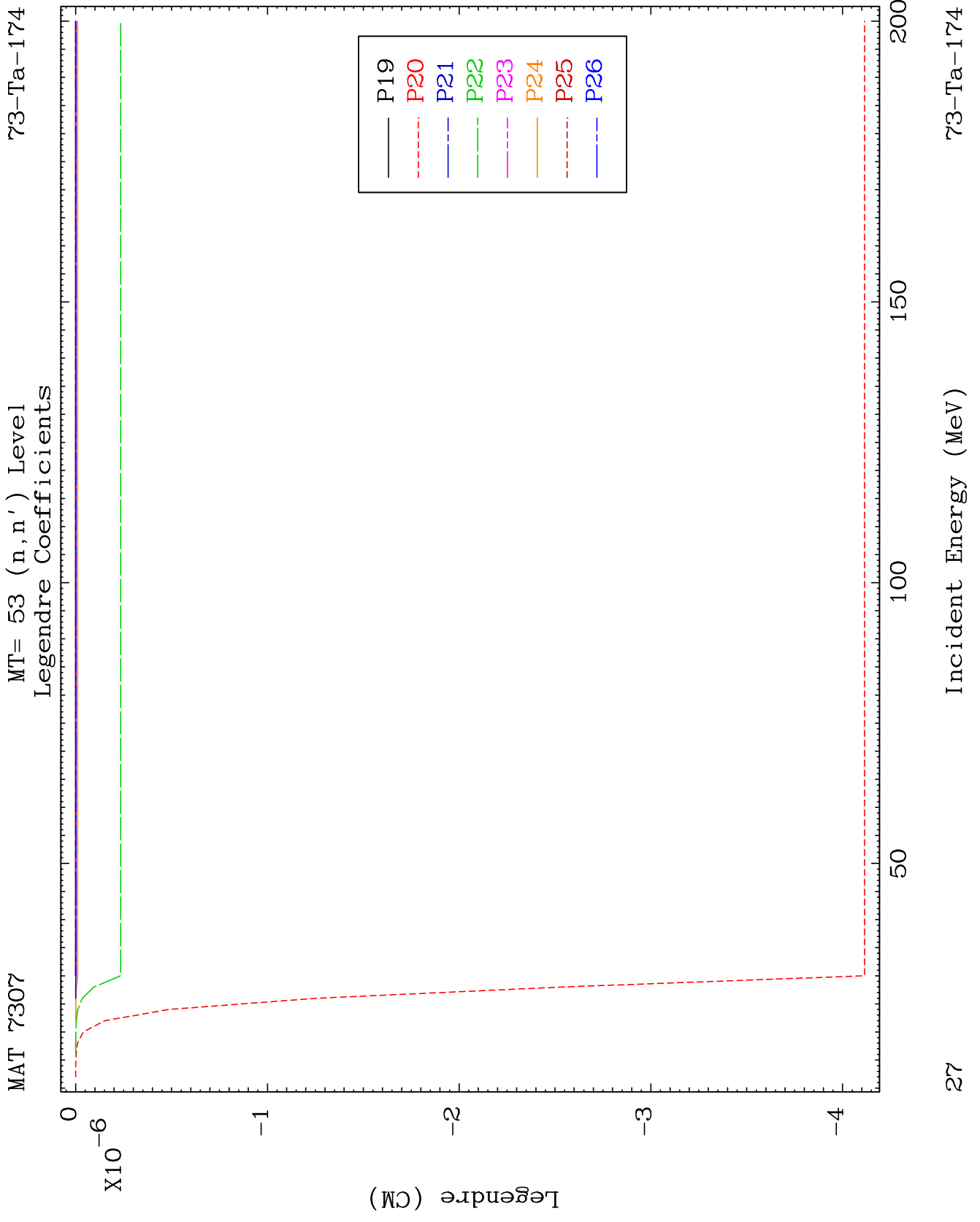
73-Ta-174



26

Incident Energy (MeV)

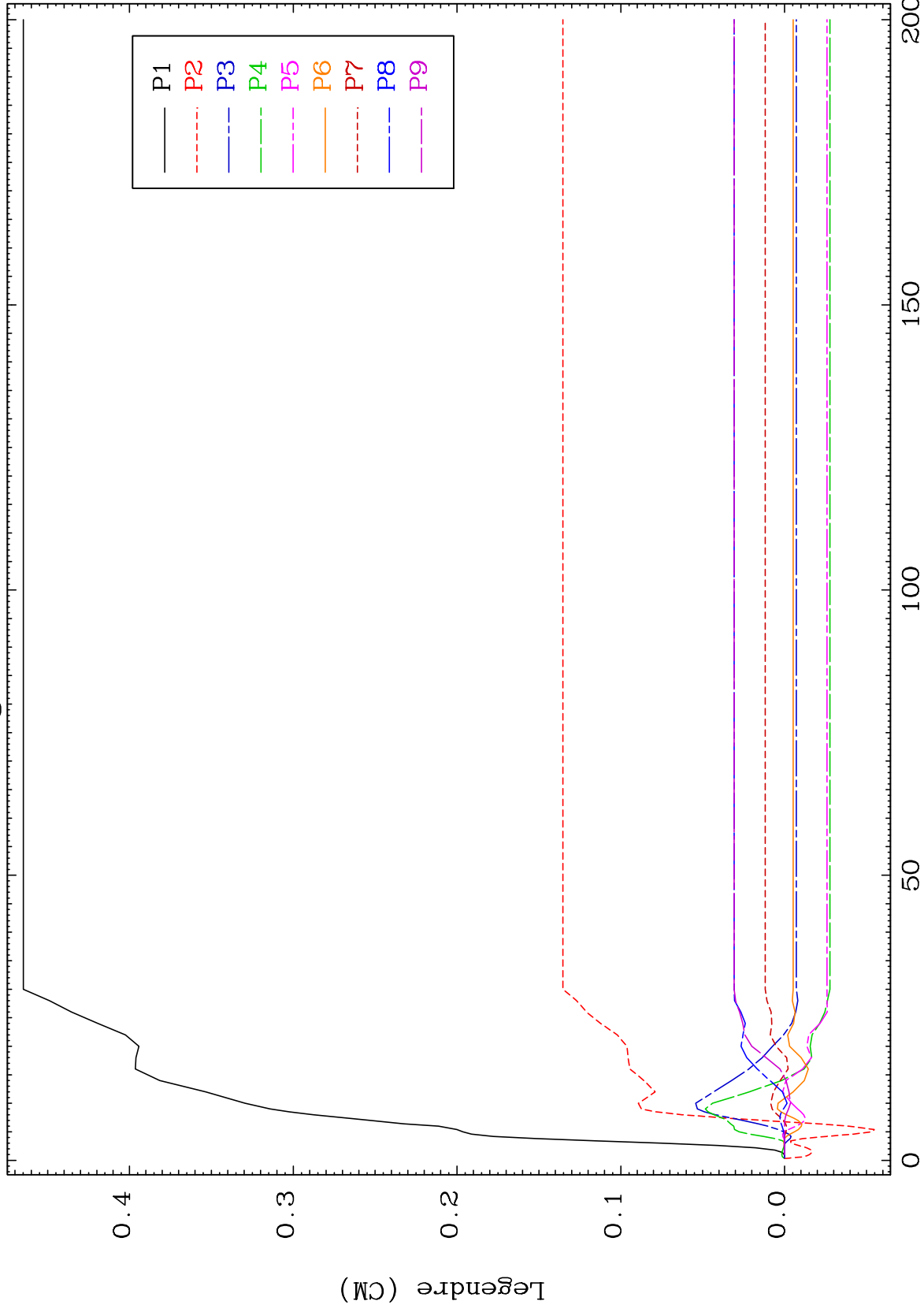
73-Ta-174



MAT 7307

MT= 54 (n,n') Level
Legendre Coefficients

73-Ta-174



28

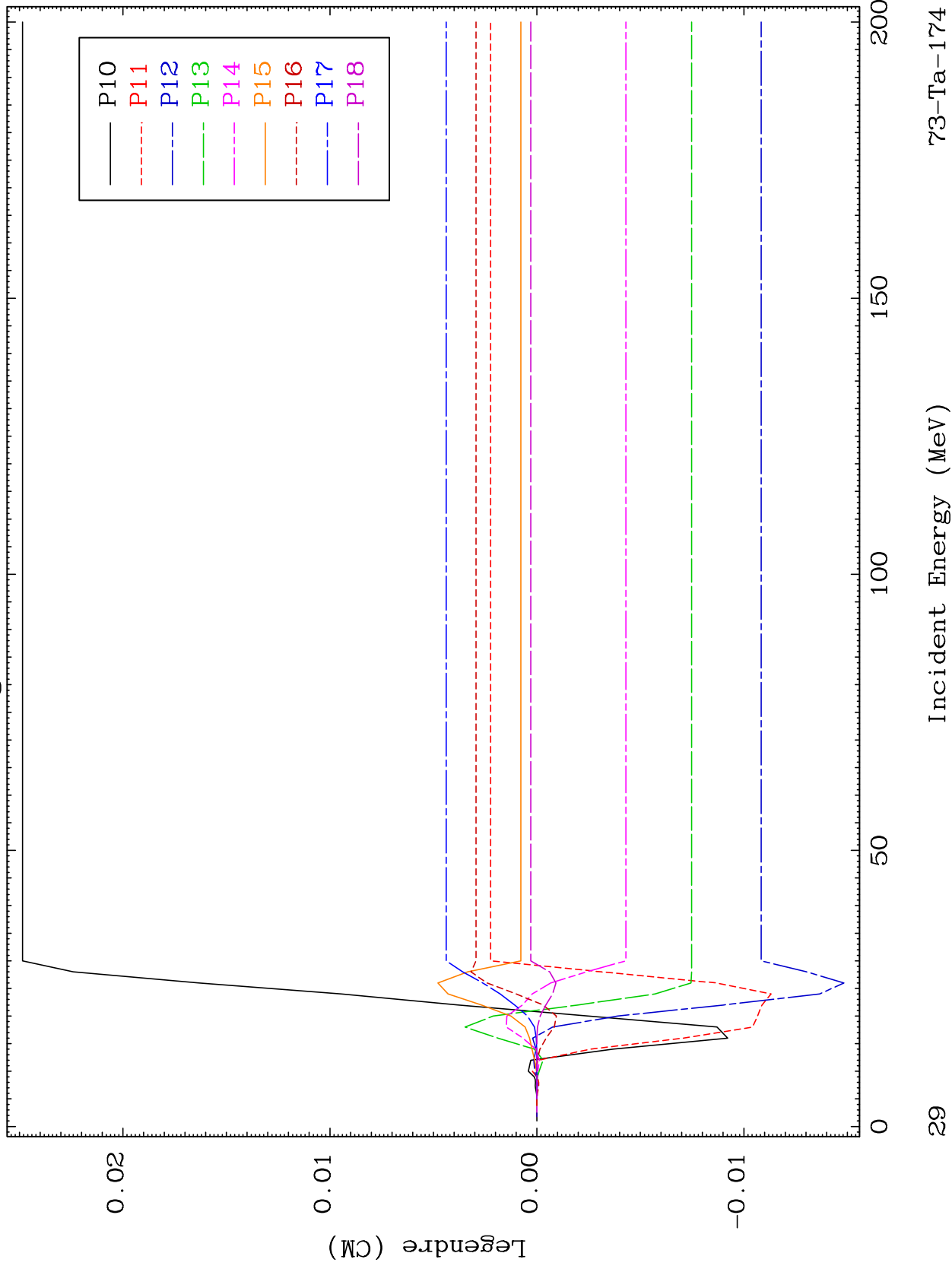
Incident Energy (MeV)

73-Ta-174

MAT 7307

MT= 54 (n,n') Level
Legendre Coefficients

73-Ta-174



29

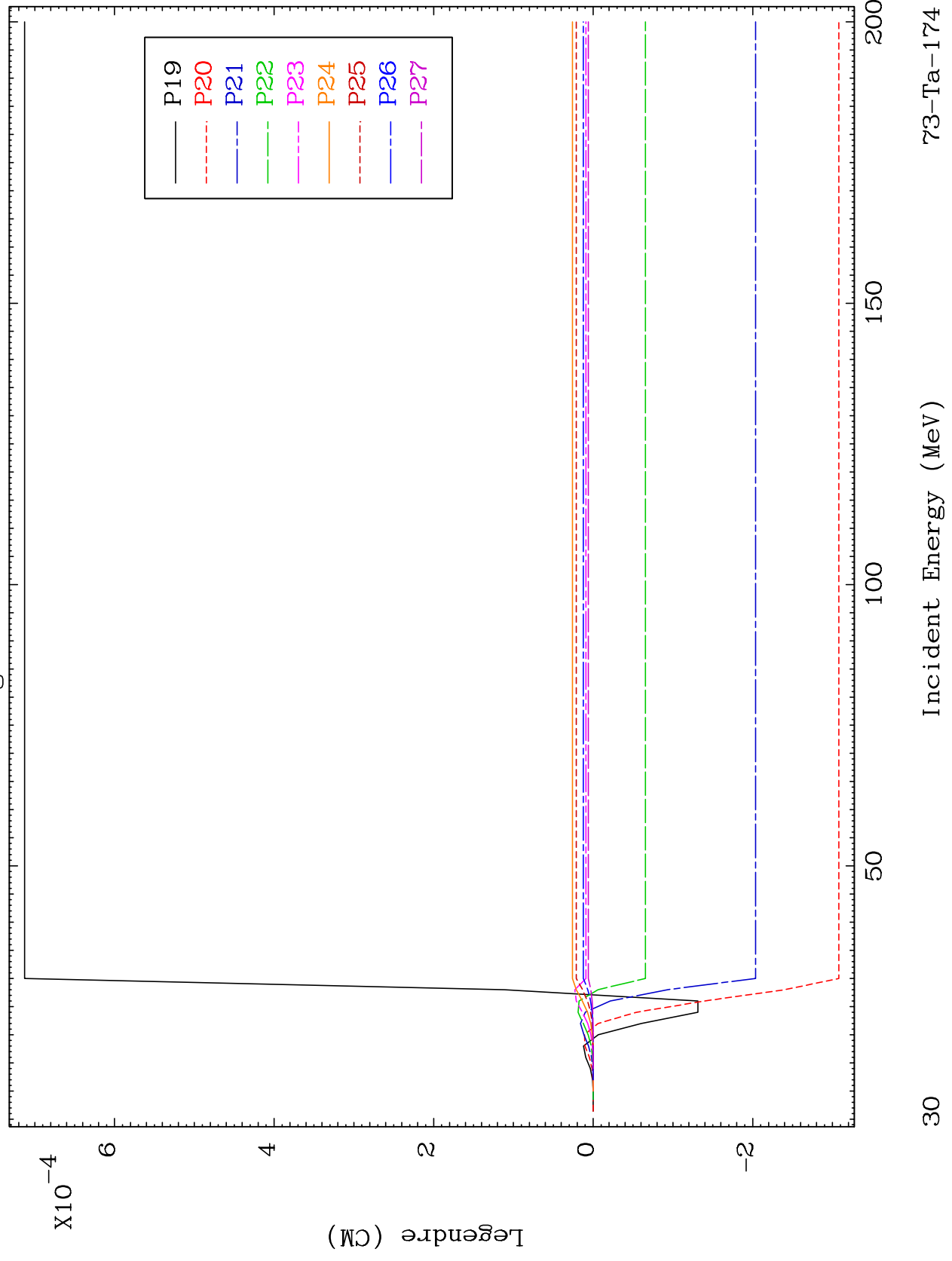
Incident Energy (MeV)

73-Ta-174

MAT 7307

MT= 54 (n,n') Level
Legendre Coefficients

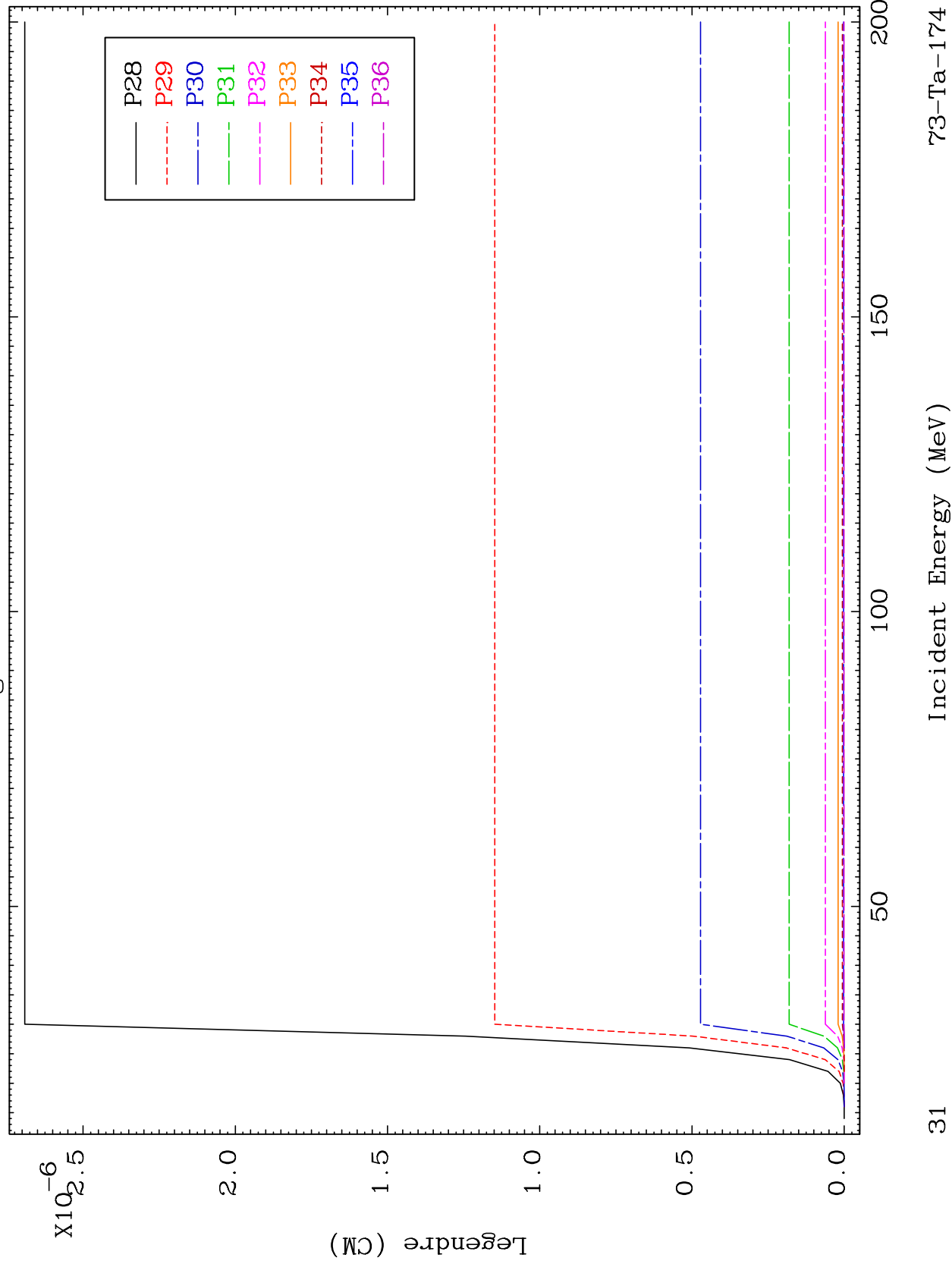
73-Ta-174



MAT 7307

MT= 54 (n,n') Level
Legendre Coefficients

73-Ta-174



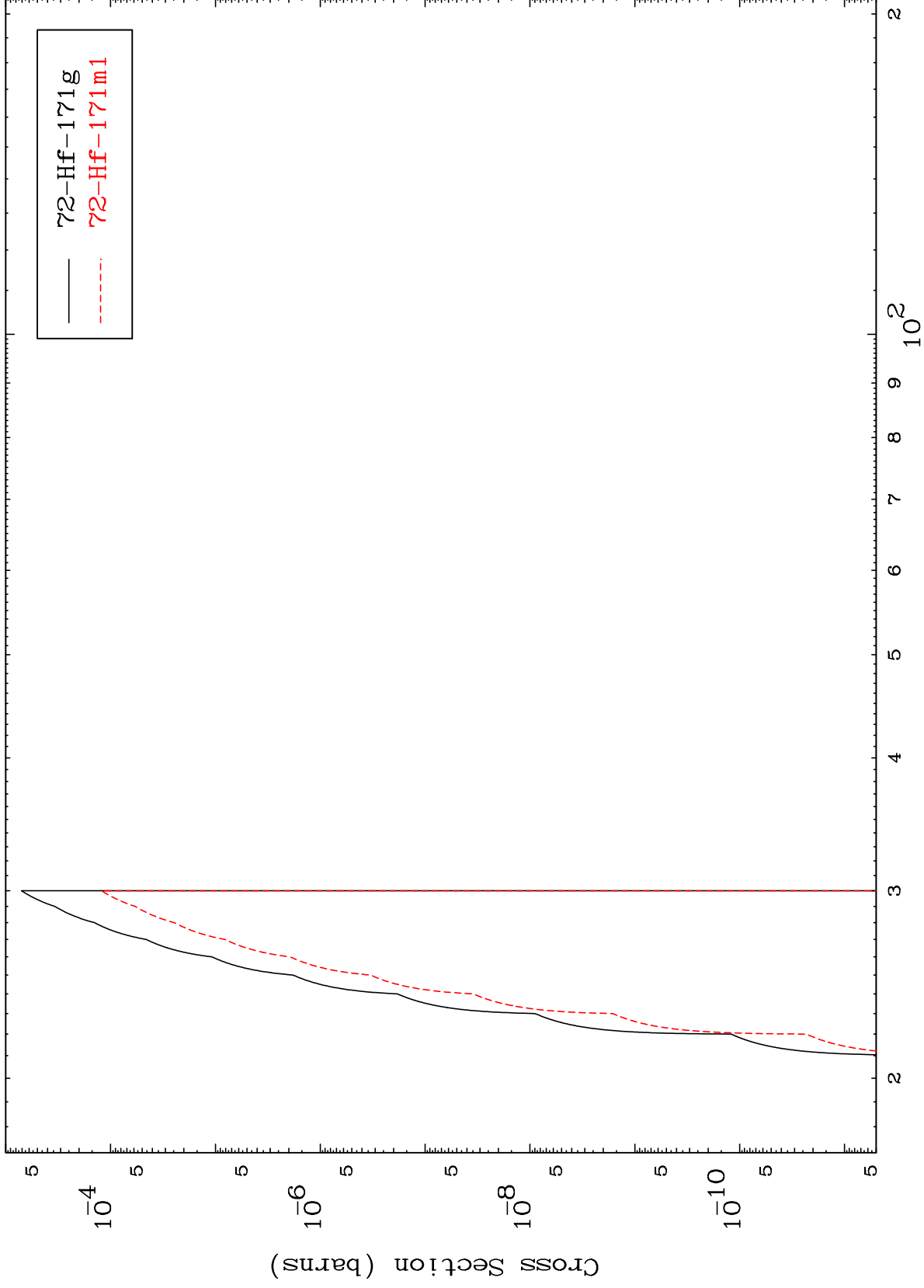
31

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(n,2n) d

73-Ta-174

Radionuclide Production Cross Section



32

Incident Energy (MeV)

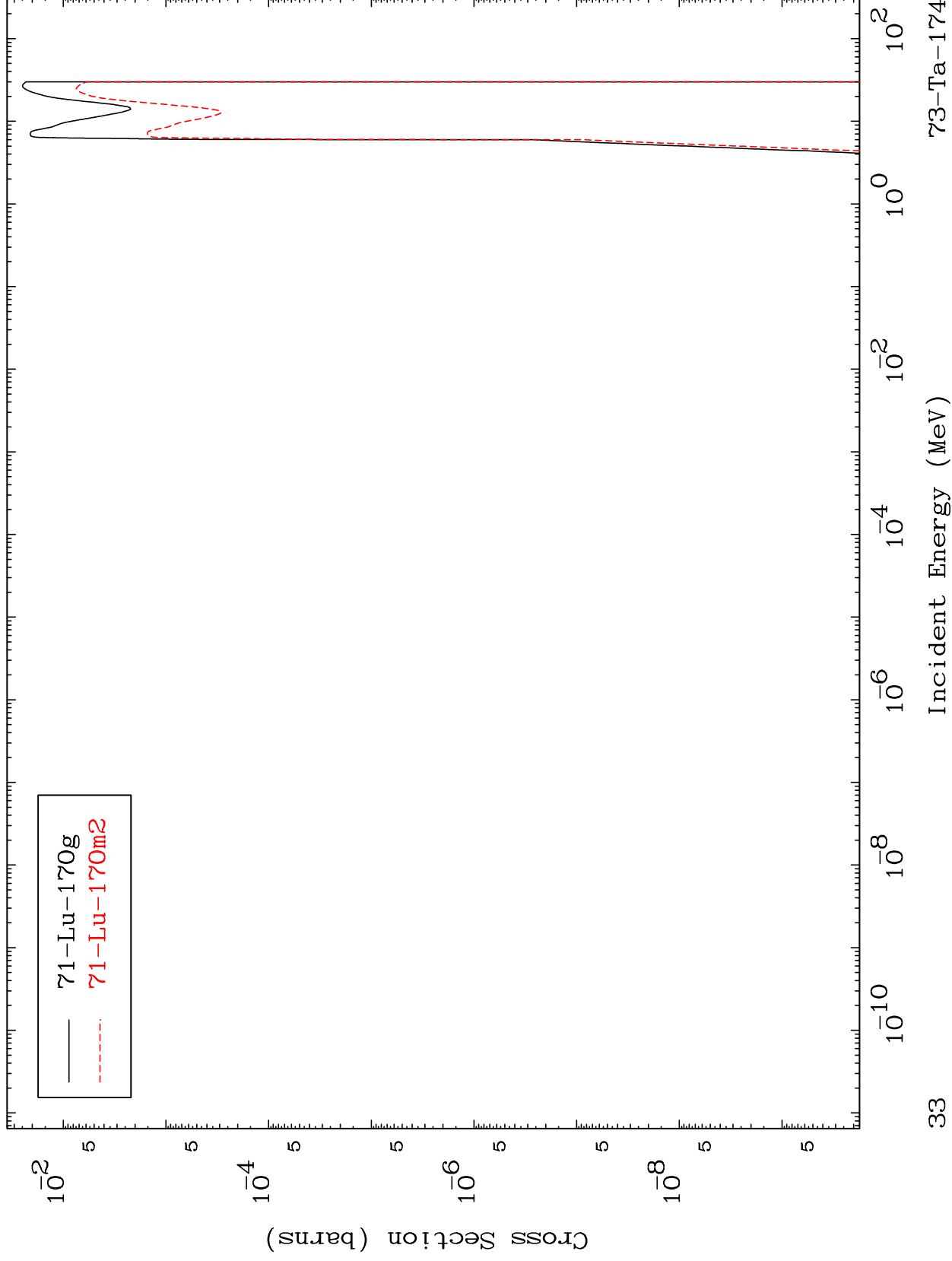
73-Ta-174

MAT 7307

$(n, n') \alpha$

$^{73}\text{Ta-174}$

Radionuclide Production Cross Section

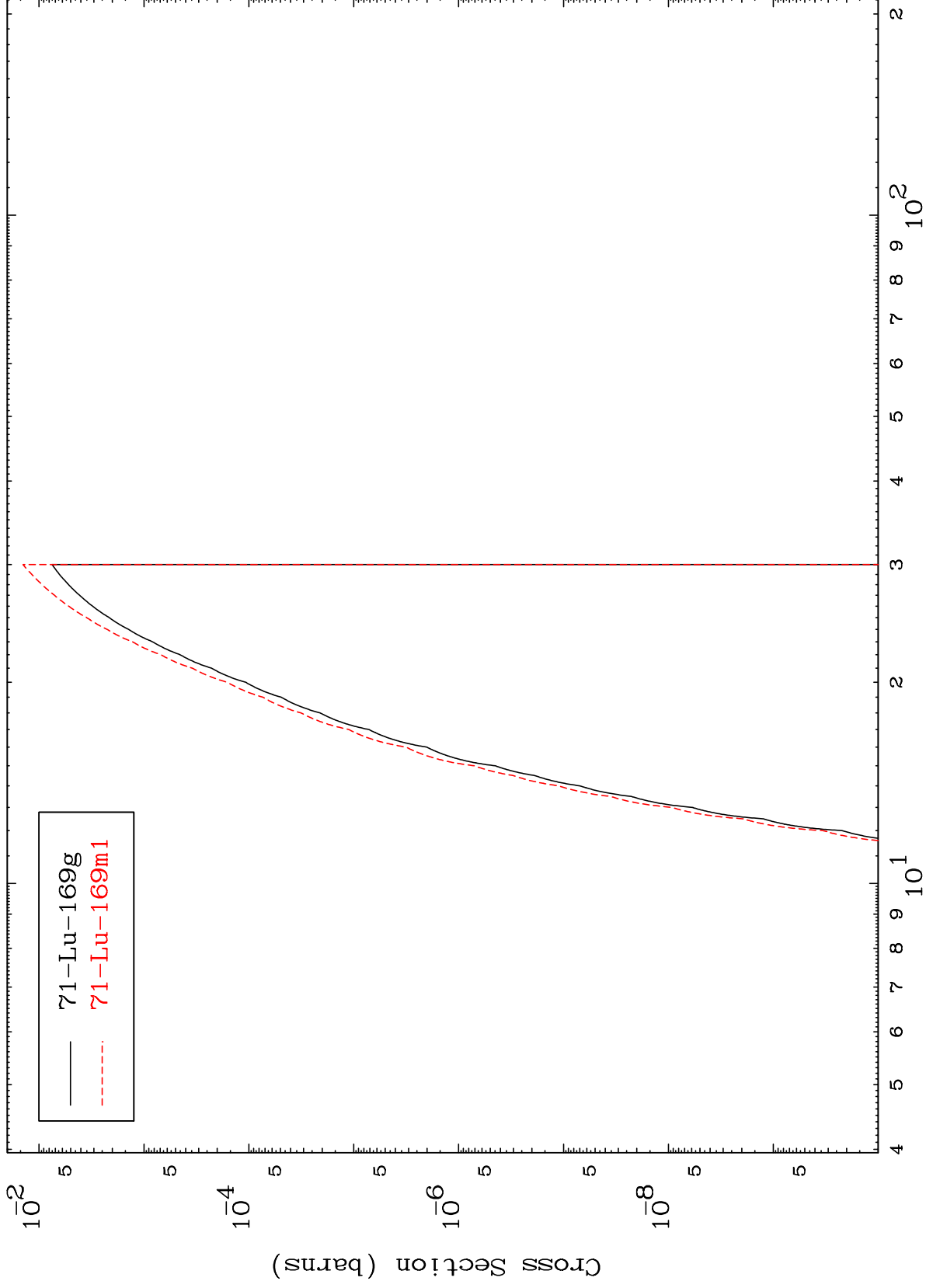


MAT 7307

(n,2n) α

⁷³Ta-174

Radionuclide Production Cross Section



Incident Energy (MeV)

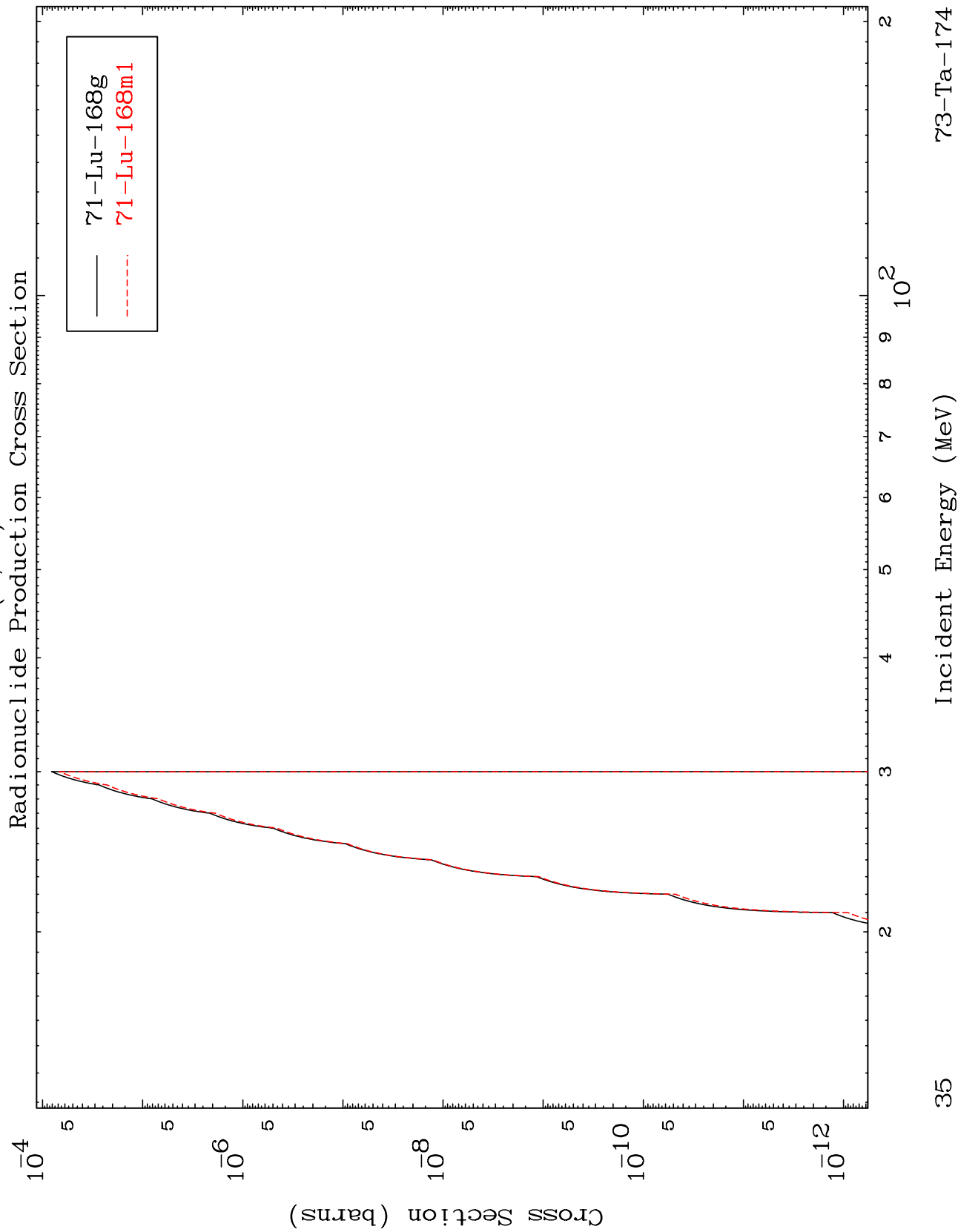
⁷³Ta-174

34

MAT 7307

(n,3n) α

73-Ta-174

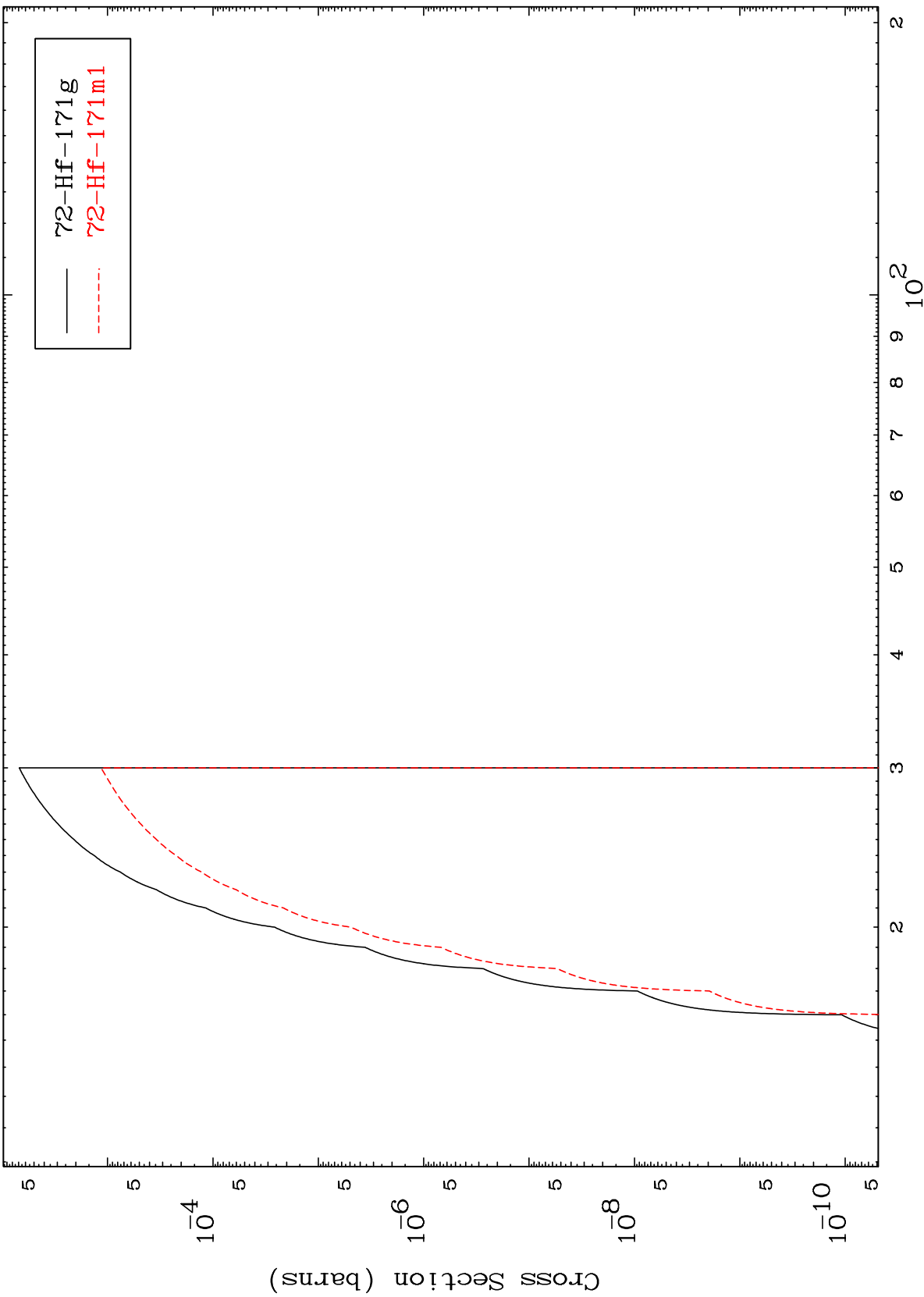


MAT 7307

(n,n') t

73-Ta-174

Radionuclide Production Cross Section



36

Incident Energy (MeV)

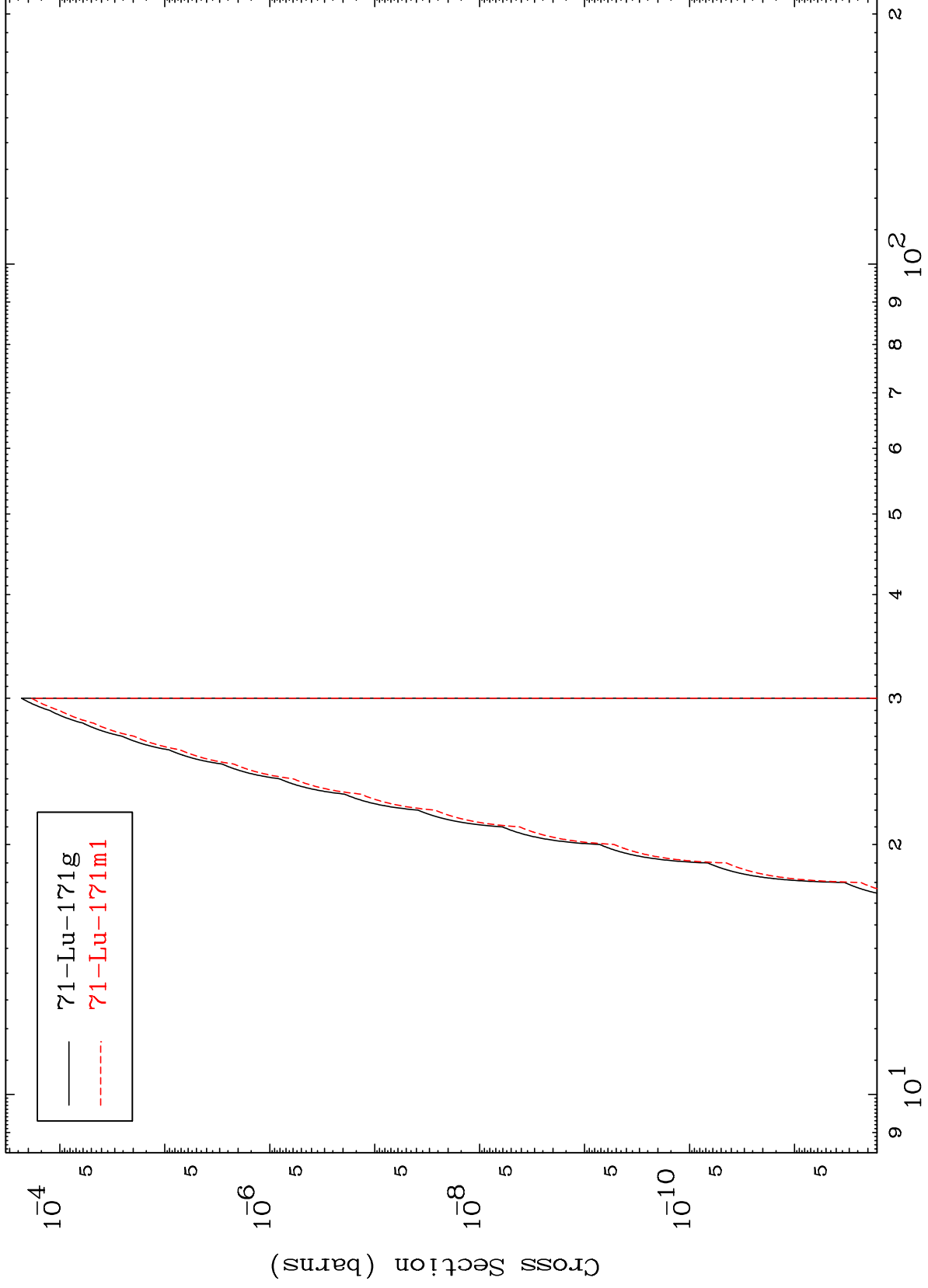
73-Ta-174

MAT 7307

(n,n') He-3

73-Ta-174

Radionuclide Production Cross Section



37

Incident Energy (MeV)

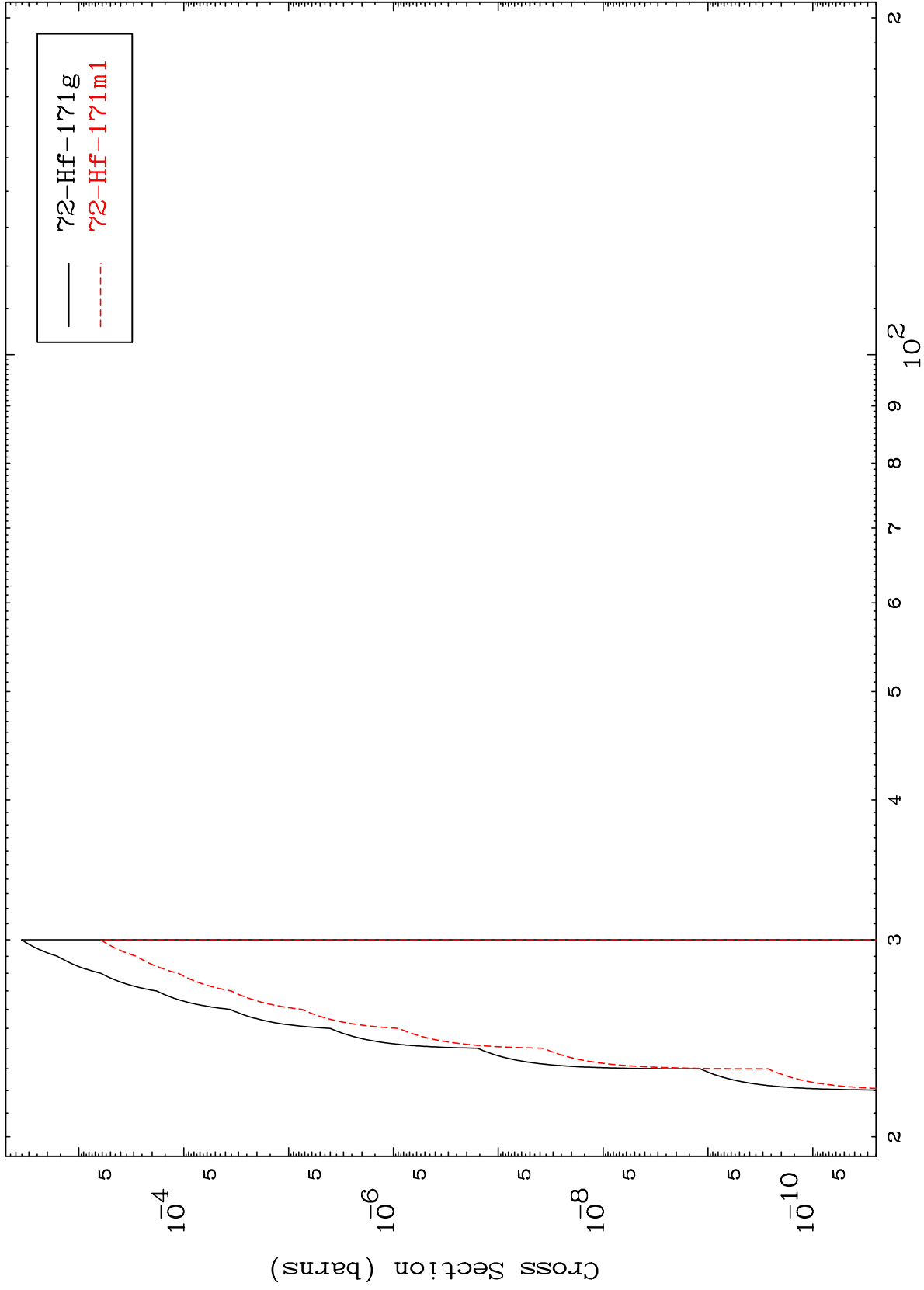
73-Ta-174

MAT 7307

(n,3n) p

73-Ta-174

Radionuclide Production Cross Section



38

Incident Energy (MeV)

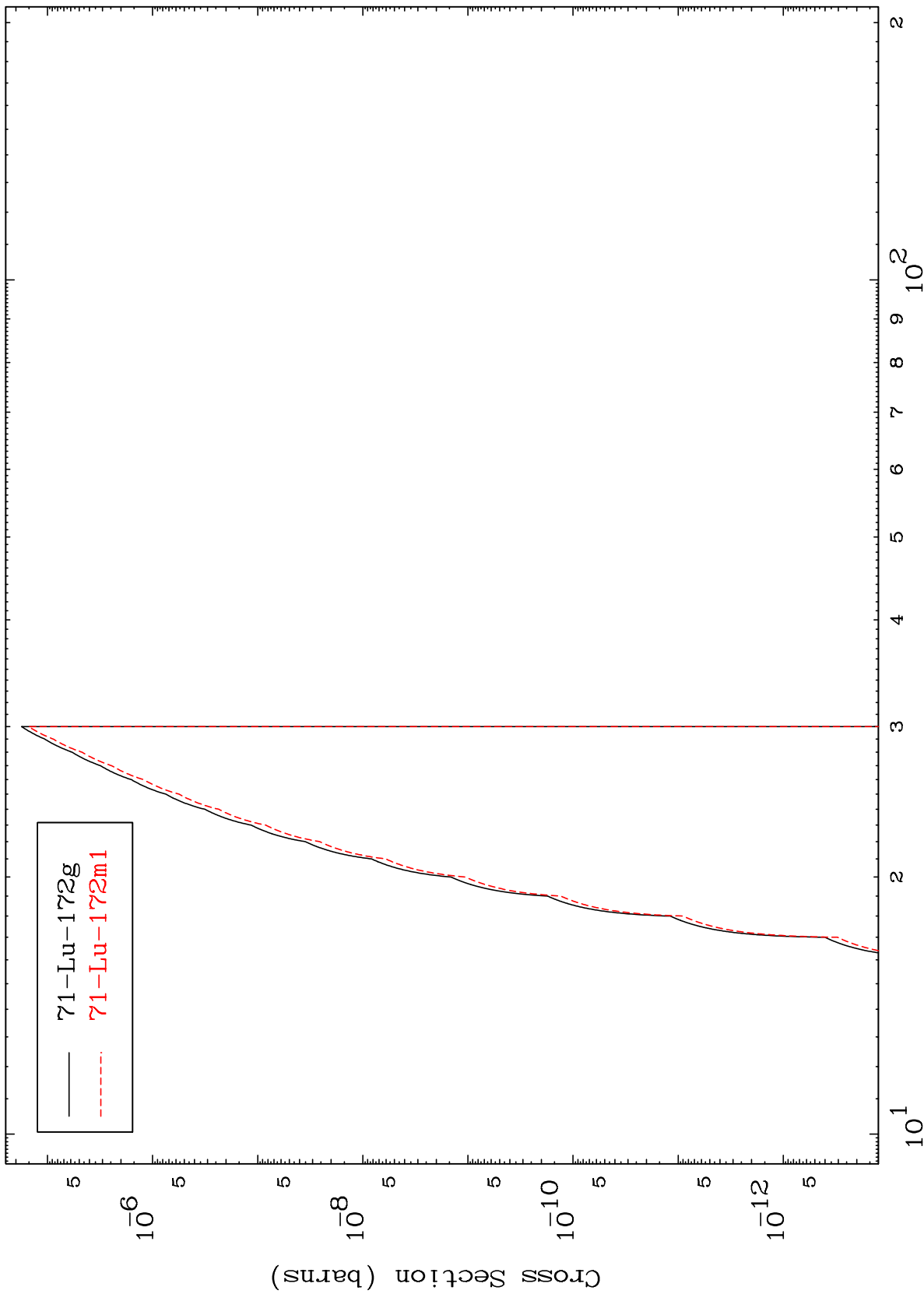
73-Ta-174

MAT 7307

(n,2n) p

73-Ta-174

Radionuclide Production Cross Section



39

Incident Energy (MeV)

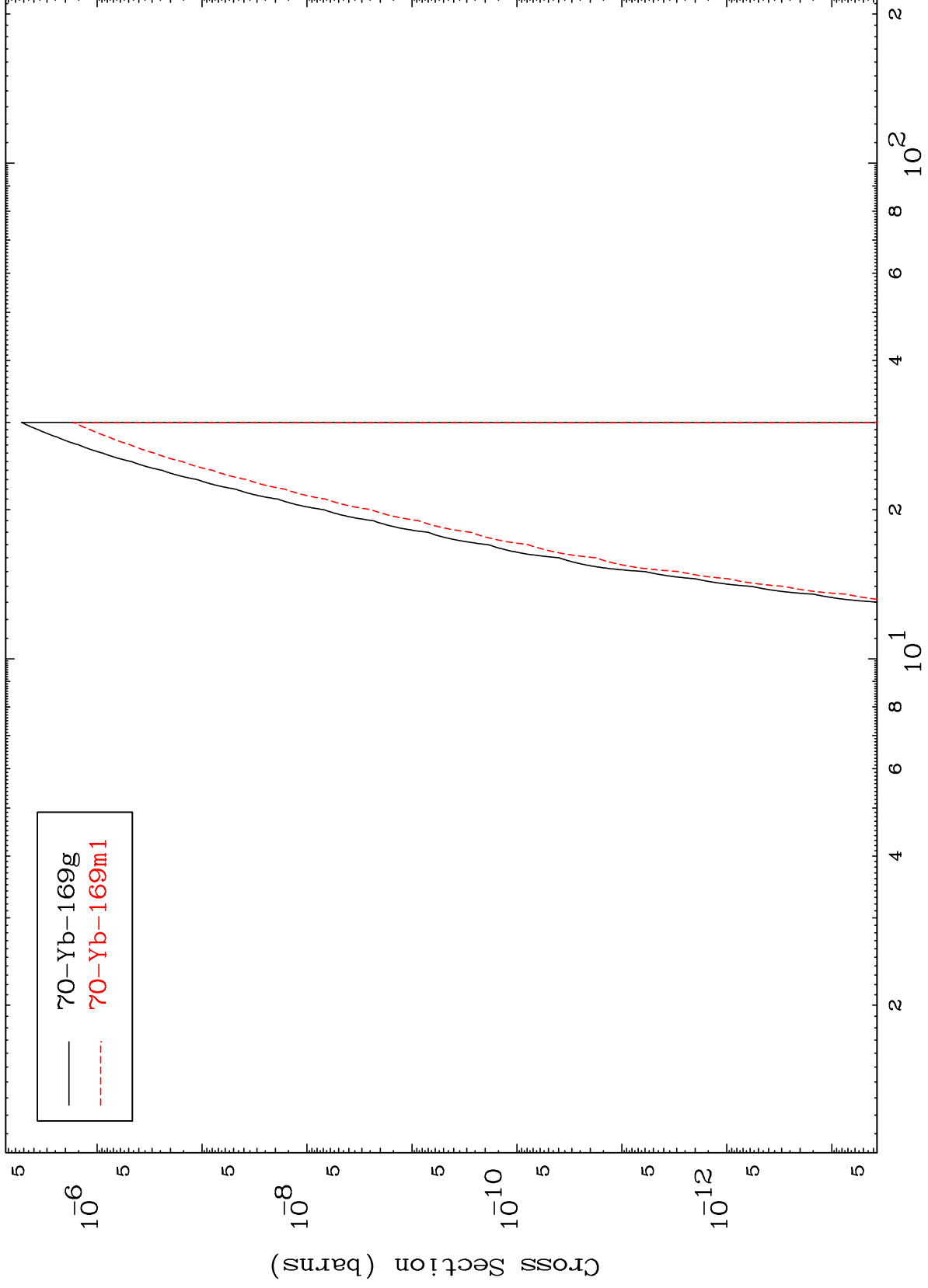
73-Ta-174

MAT 7307

(n,n') p α

73-Ta-174

Radionuclide Production Cross Section



40

Incident Energy (MeV)

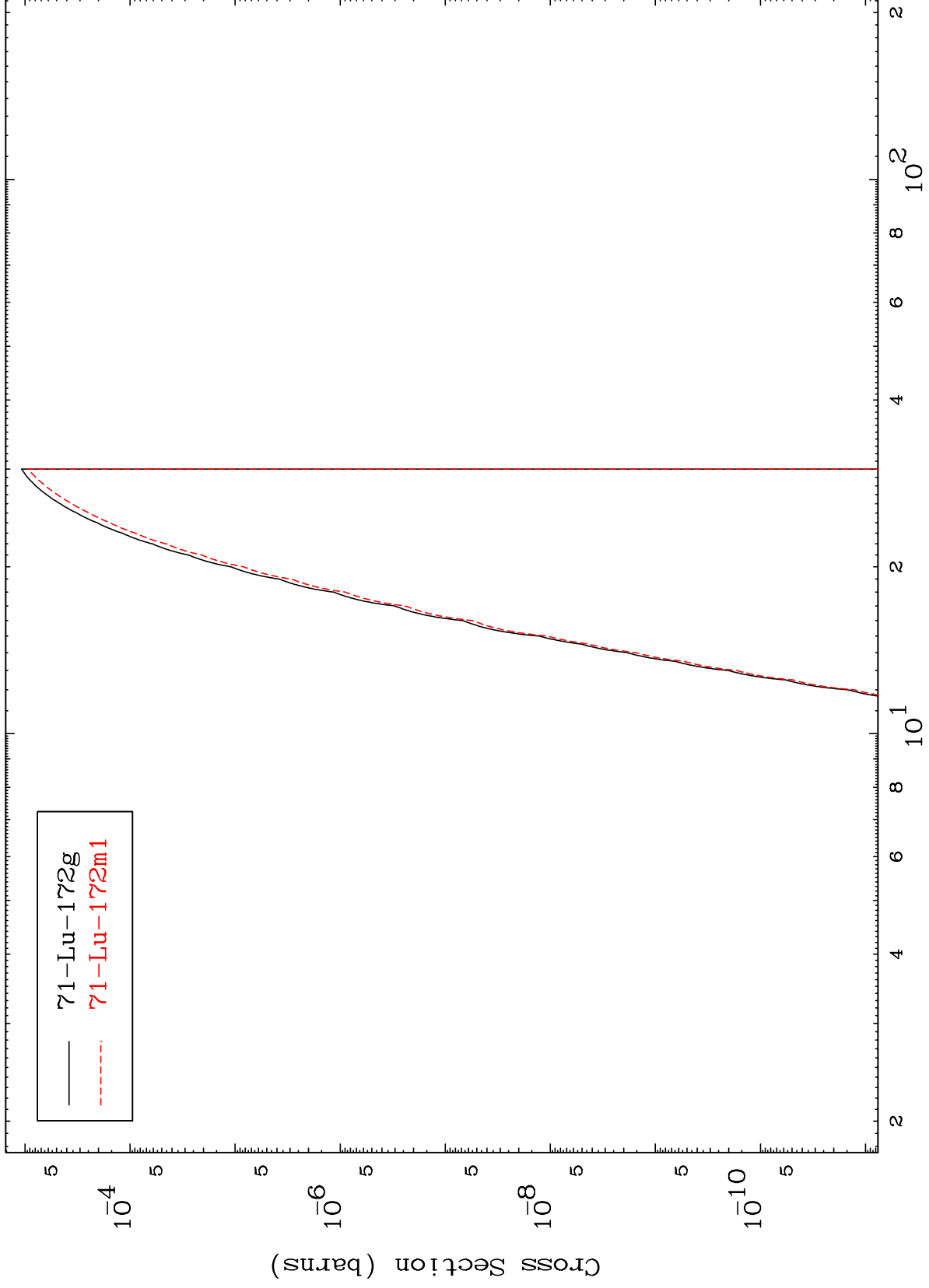
73-Ta-174

MAT 7307

(n,He-3)

73-Ta-174

Radionuclide Production Cross Section



71-Lu-172g
71-Lu-172m1

41

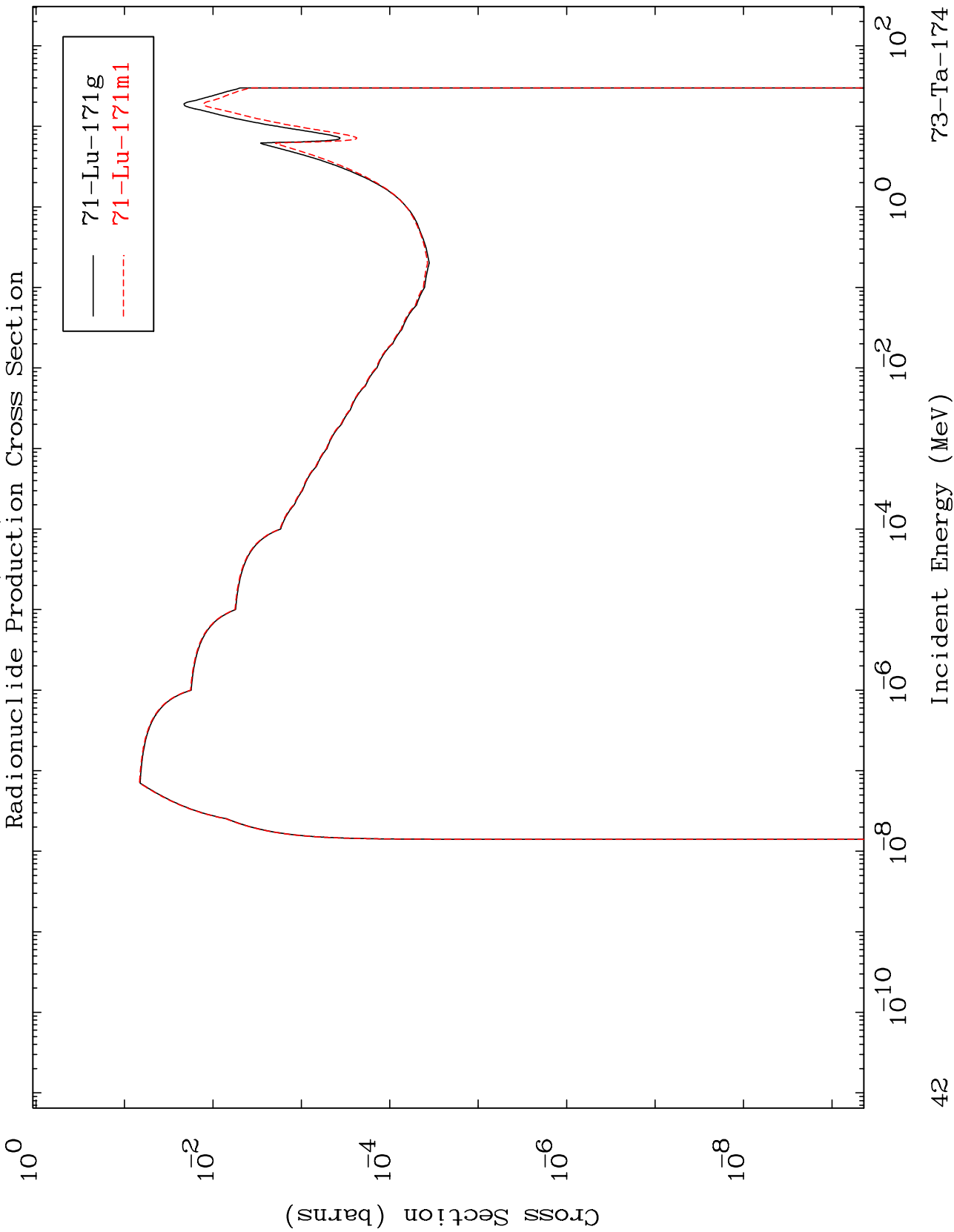
Incident Energy (MeV)

73-Ta-174

MAT 7307

73-Ta-174

Radionuclide Production Cross Section
(n, α)

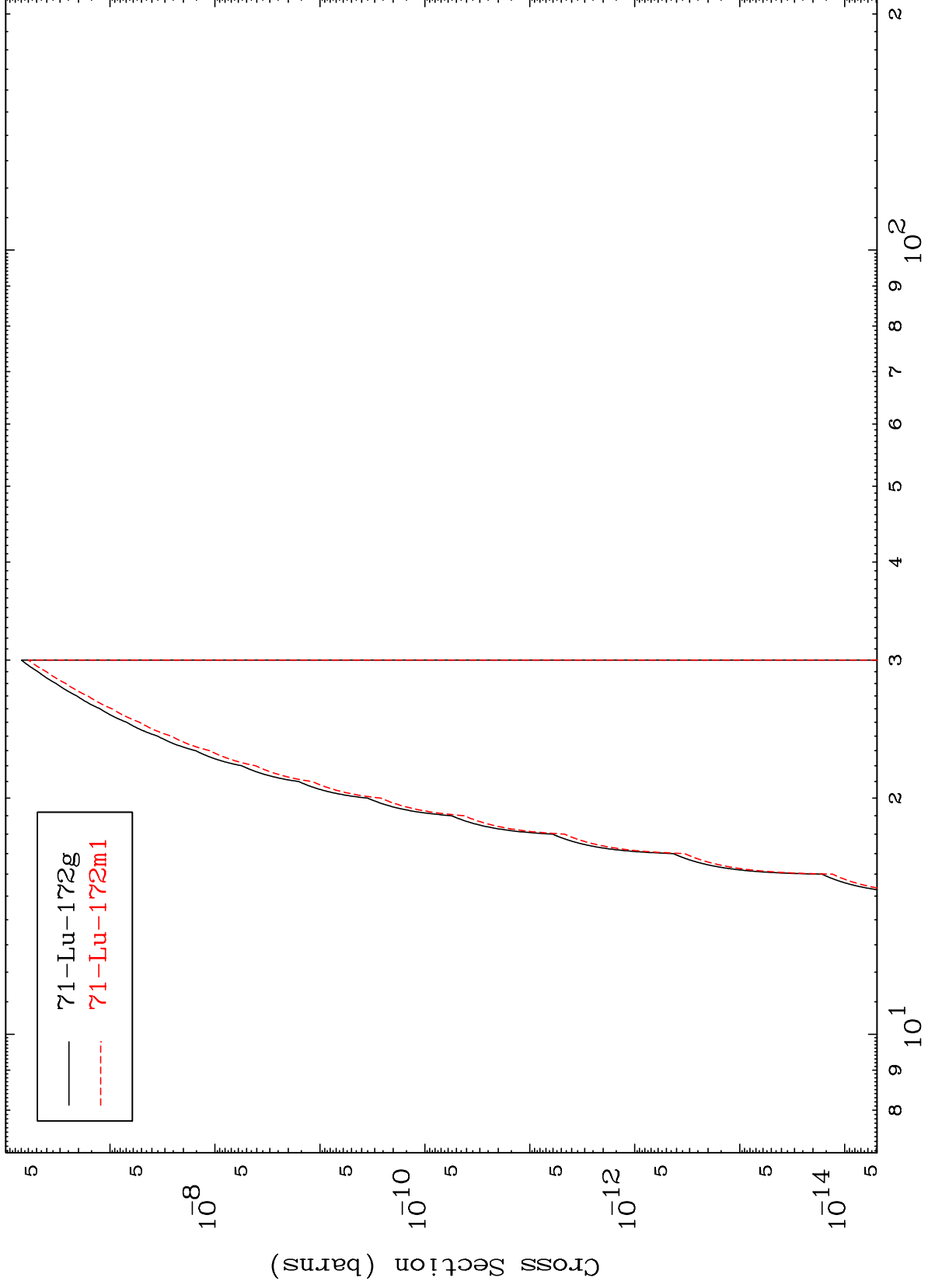


MAT 7307

(n,p) d

73-Ta-174

Radionuclide Production Cross Section



43

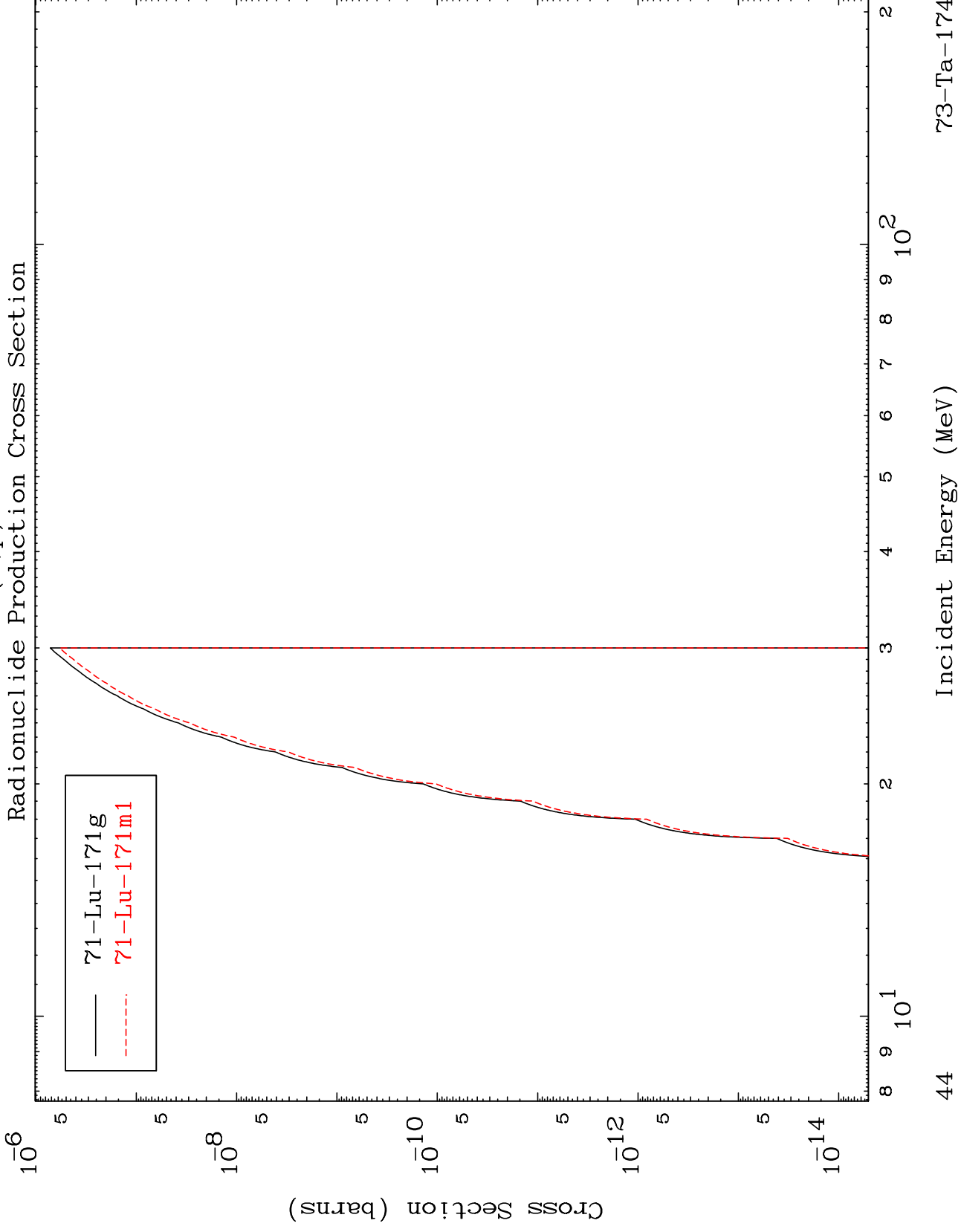
Incident Energy (MeV)

73-Ta-174

MAT 7307

(n,p) t

⁷³Ta-174



MAT 7307

(n,d) α

$^{73}\text{Ta-174}$

Radionuclide Production Cross Section

