

Program EVALPLOT
(Version 2021-1)

by

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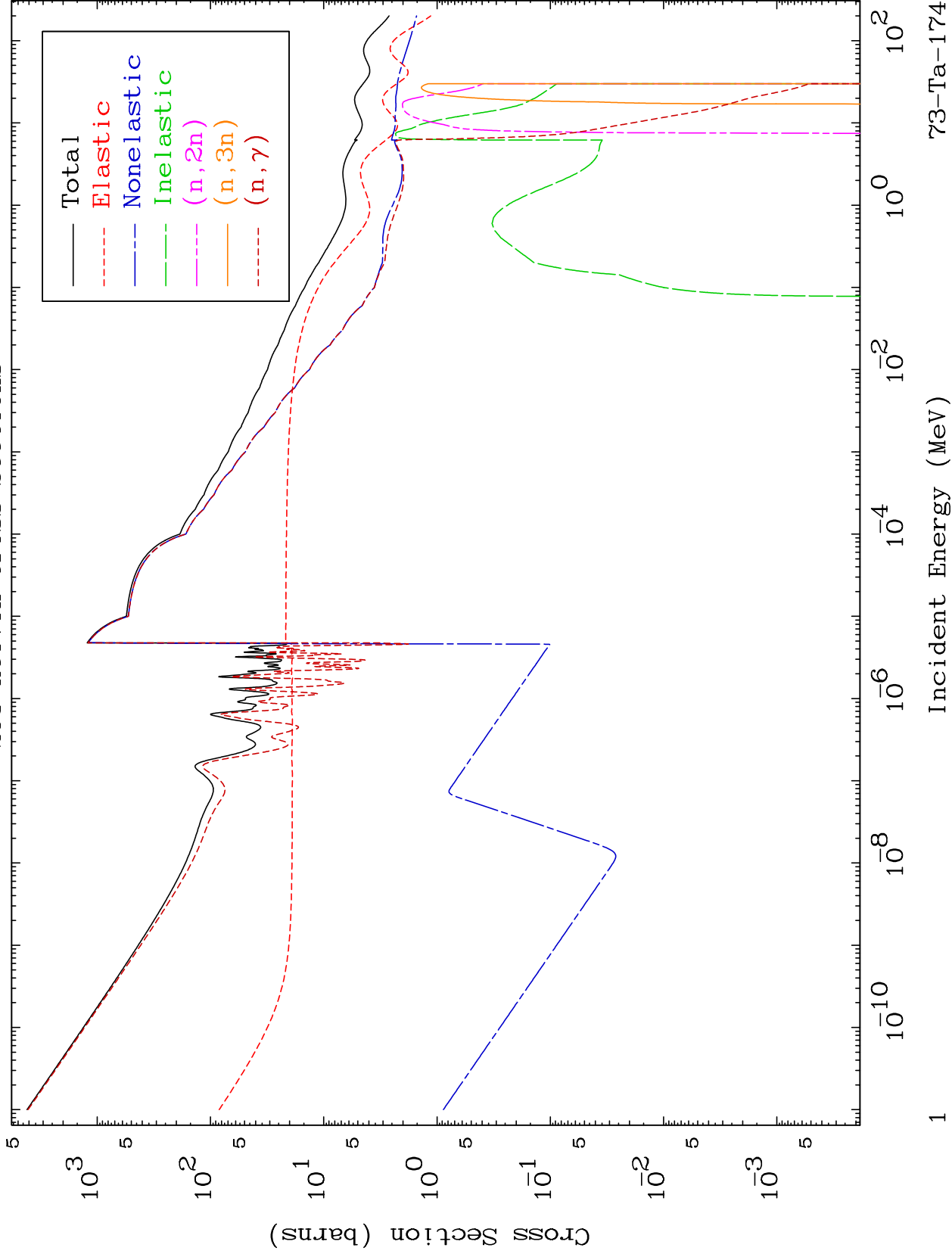
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7307

Neutron Major
293 Kelvin Cross Sections

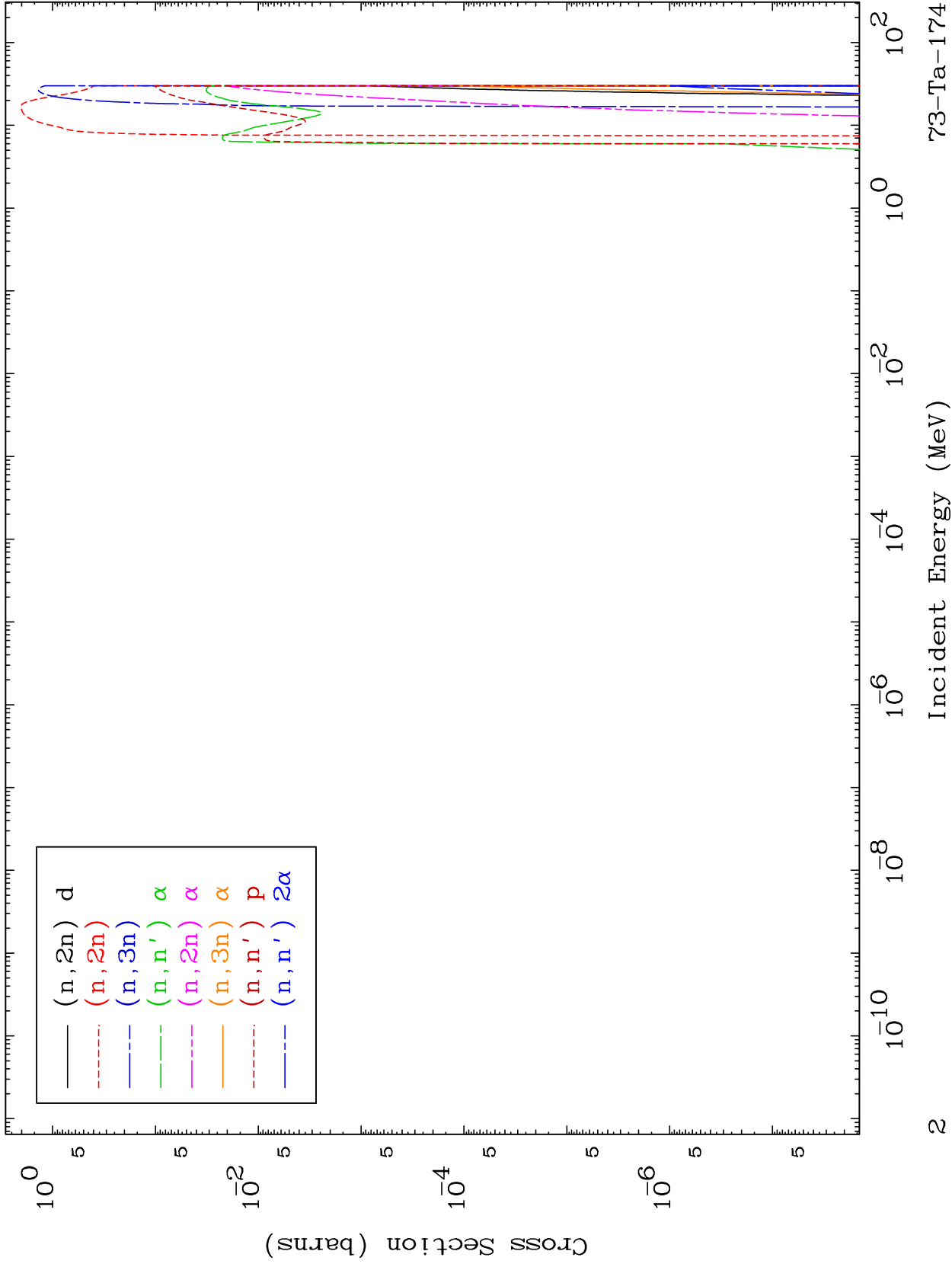
73-Ta-174



MAT 7307

Neutron Absorption
293 Kelvin Cross Sections

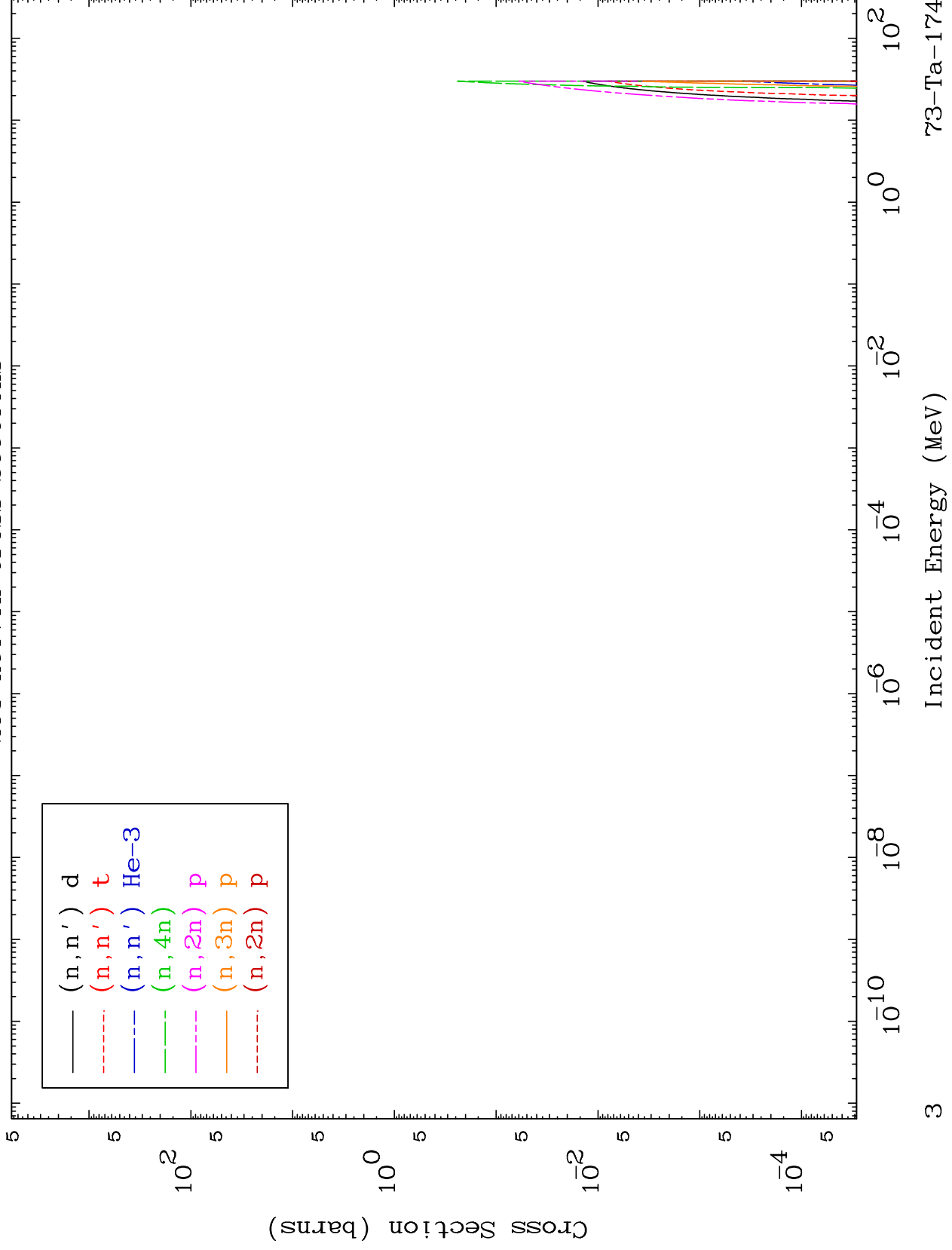
73-Ta-174

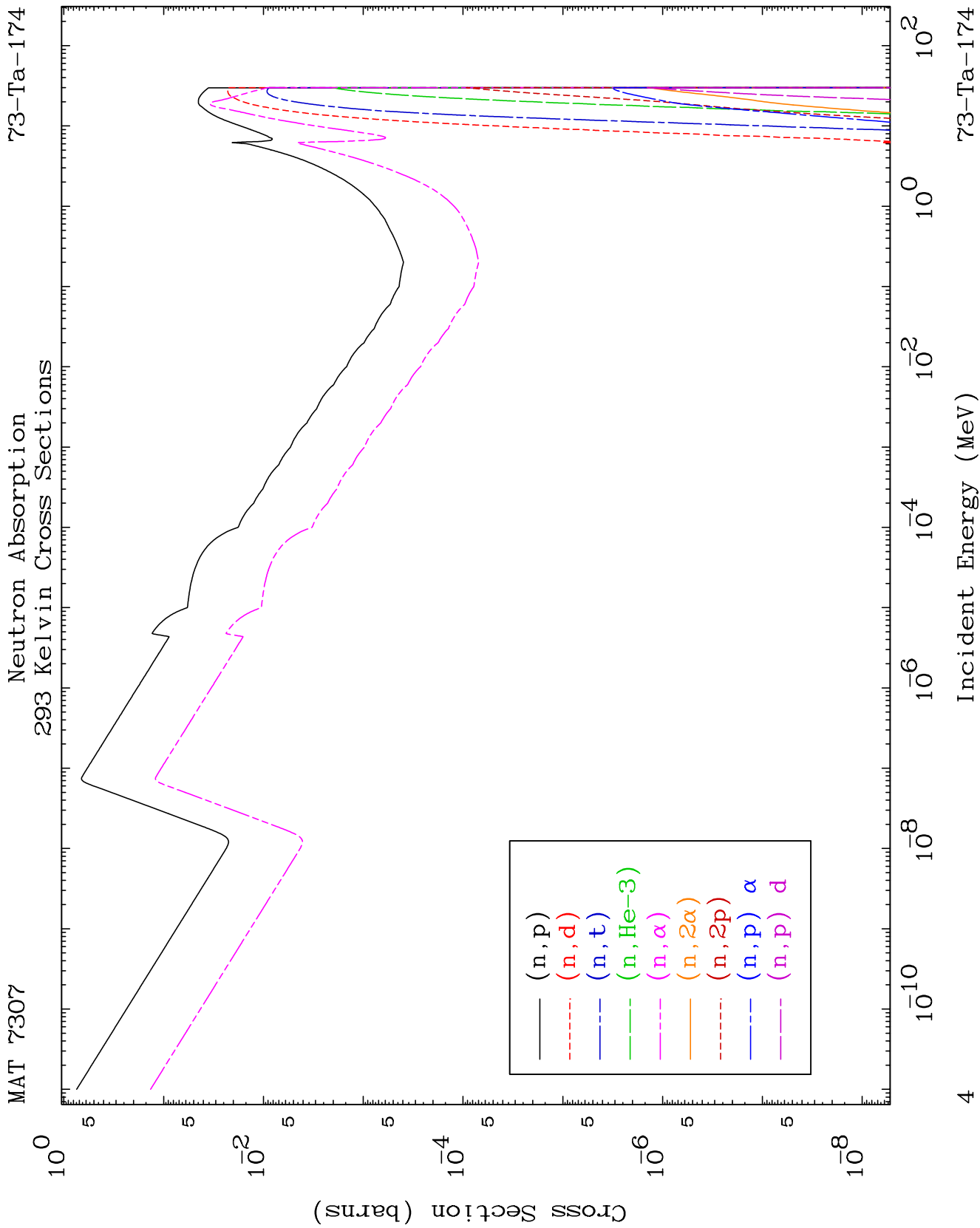


MAT 7307

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-174

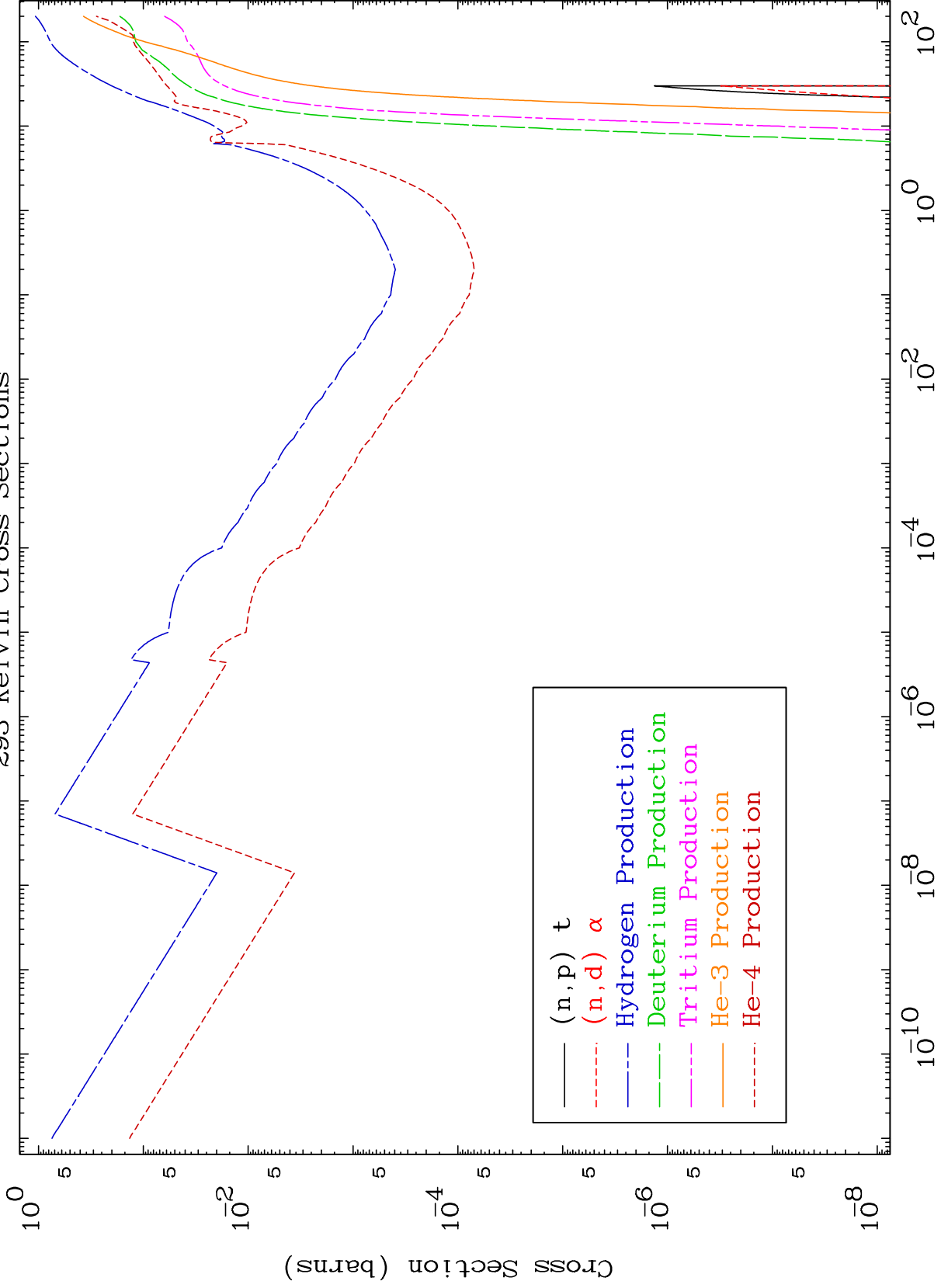




MAT 7307

Neutron Absorption
293 Kelvin Cross Sections

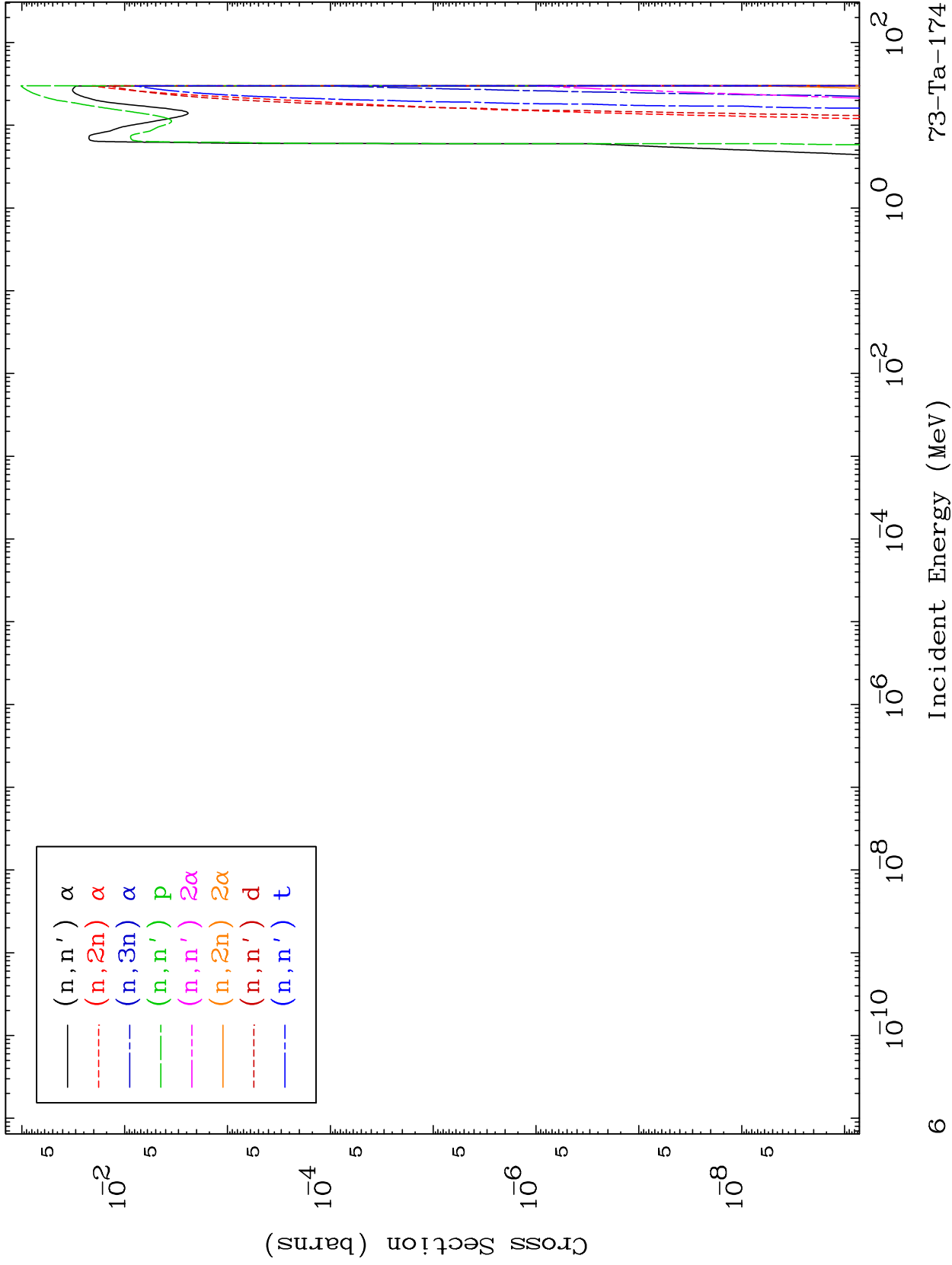
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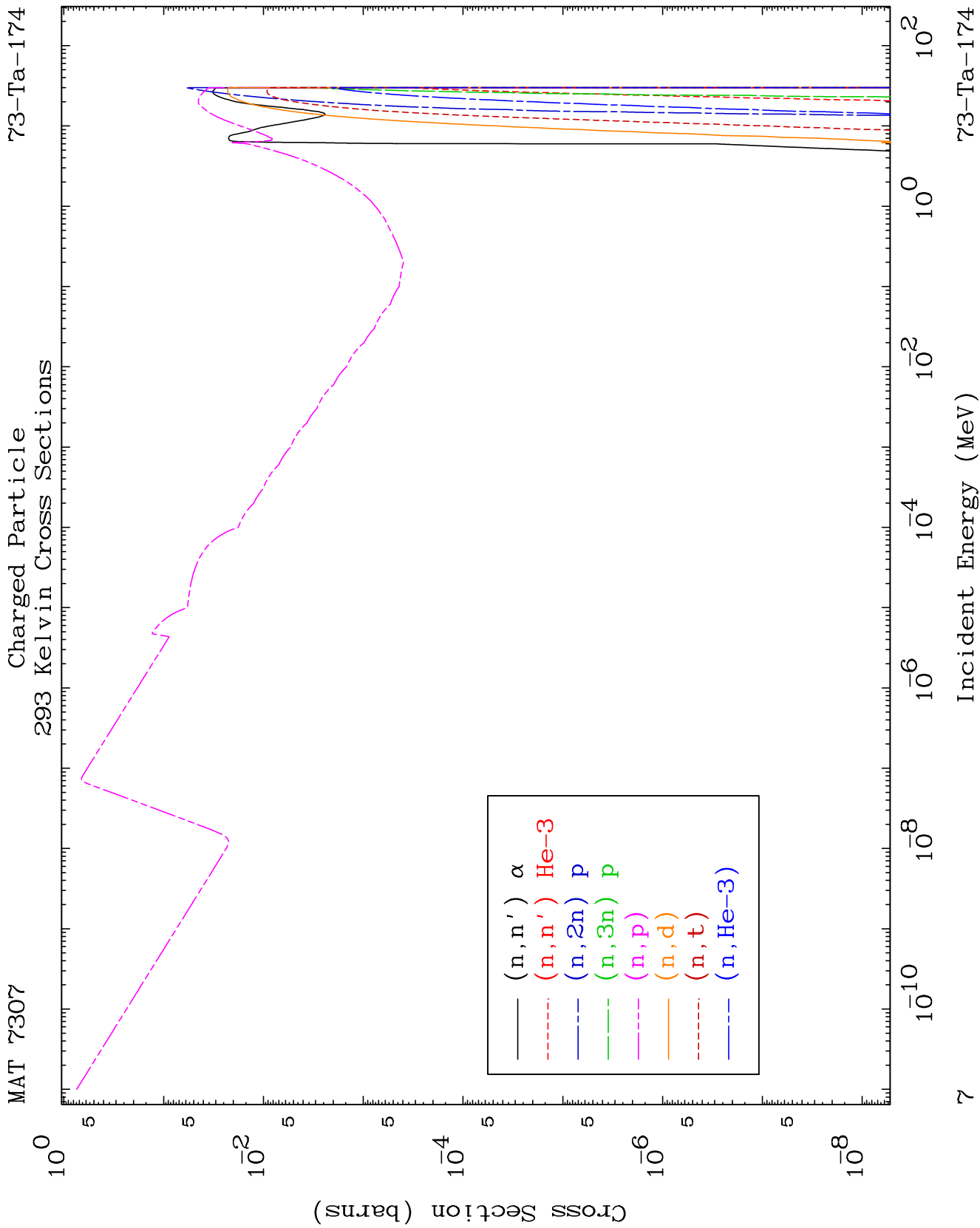


MAT 7307

Charged Particle
293 Kelvin Cross Sections

73-Ta-174

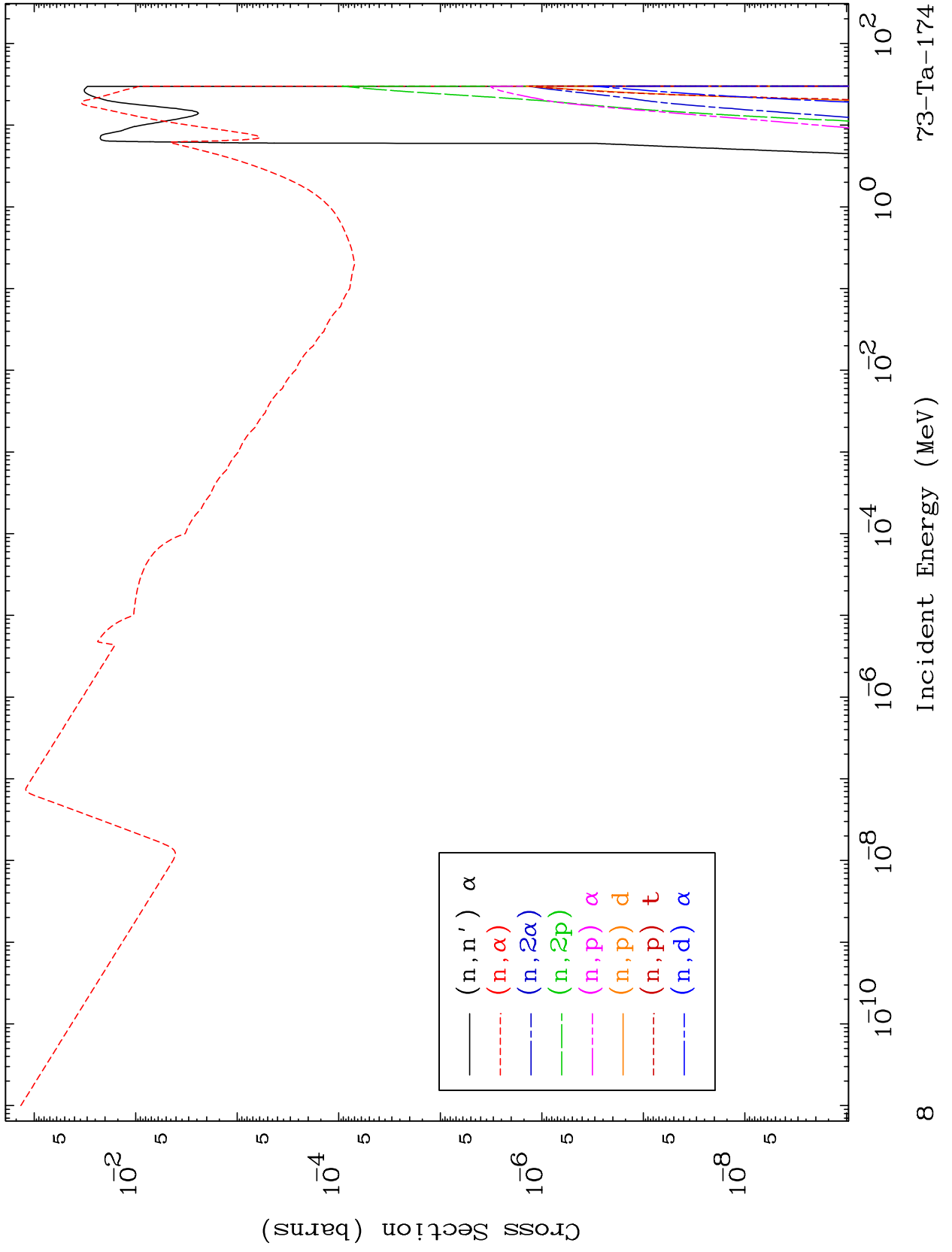




MAT 7307

Charged Particle
293 Kelvin Cross Sections

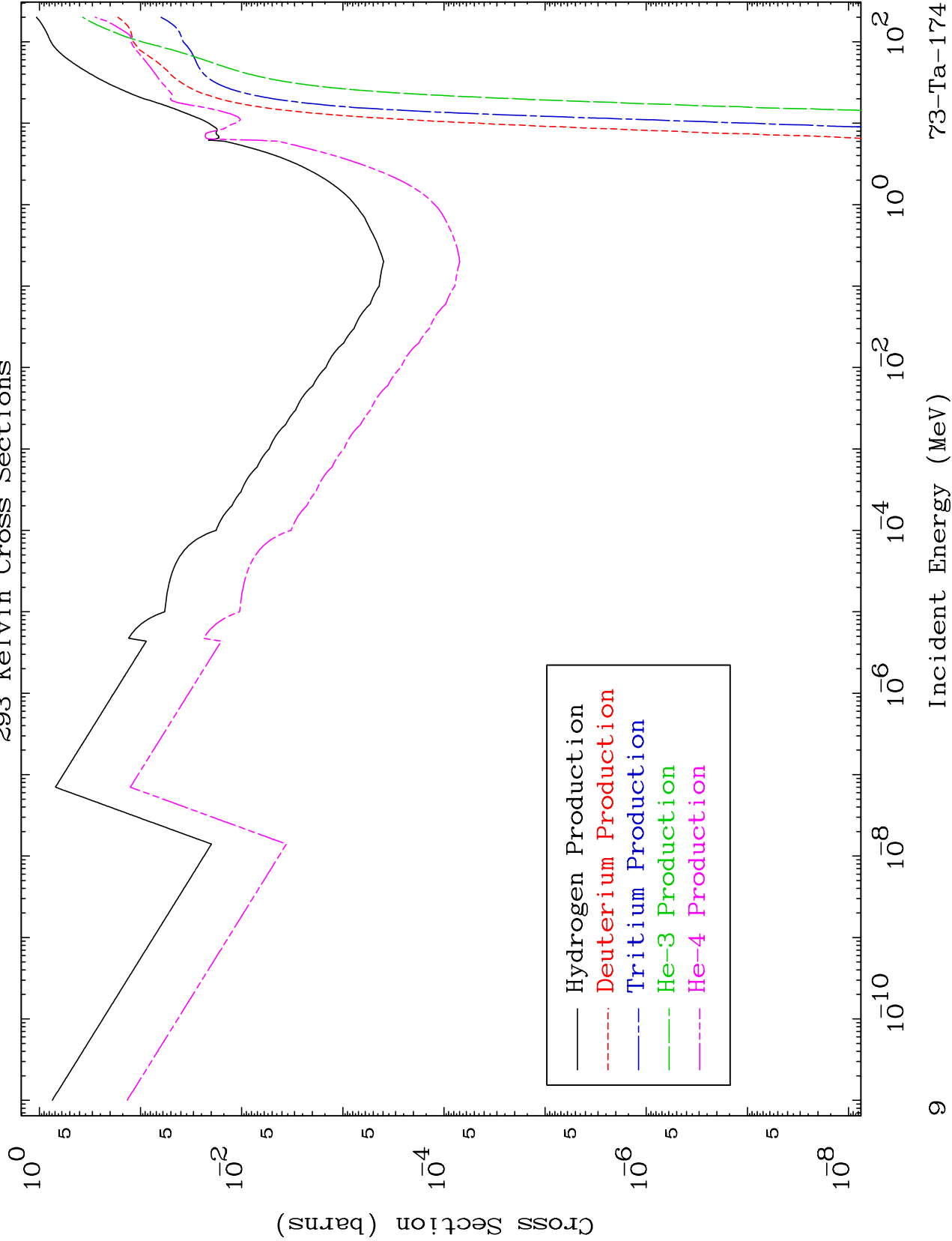
73-Ta-174



MAT 7307

Particle Production
293 Kelvin Cross Sections

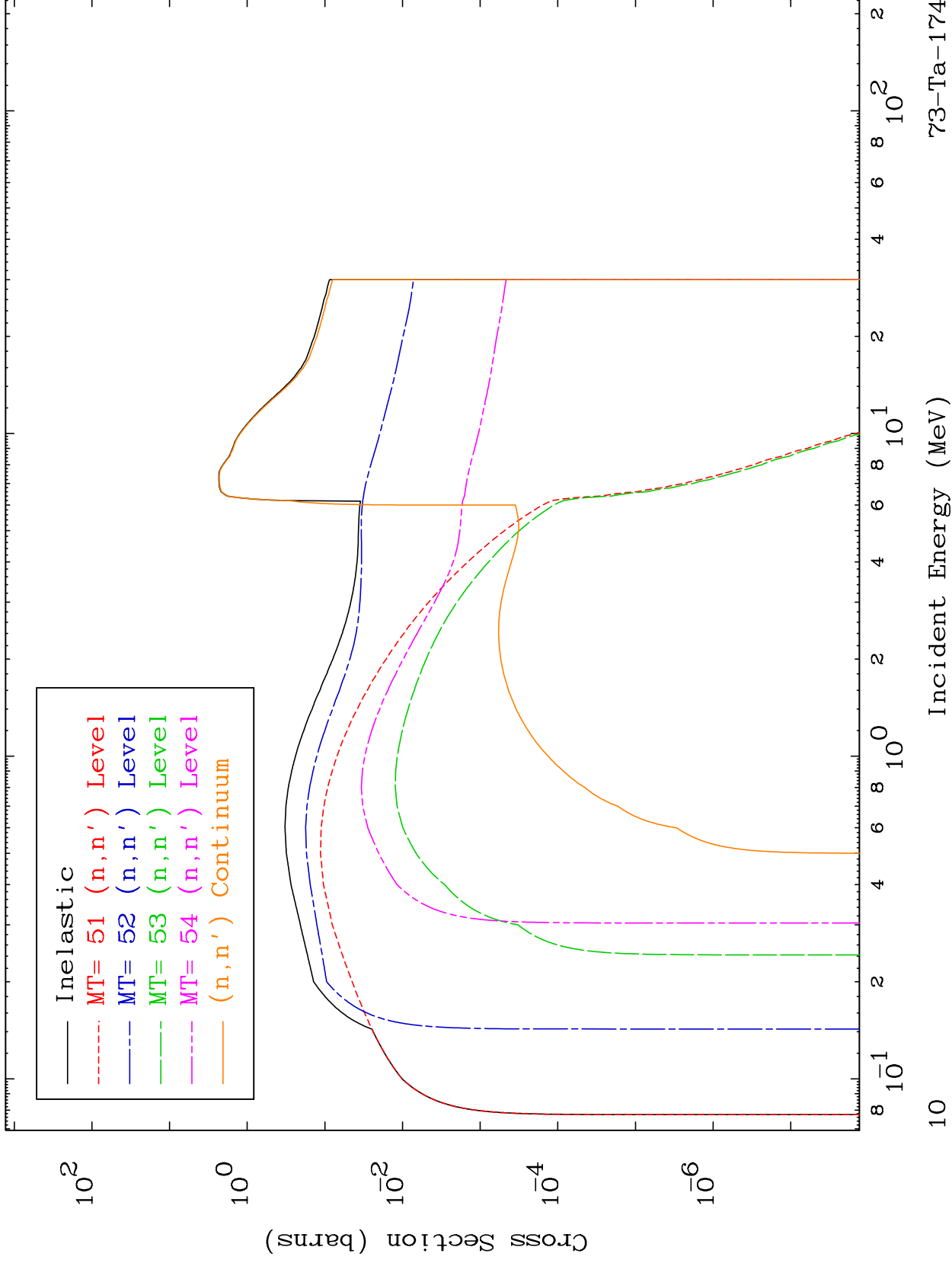
73-Ta-174



MAT 7307

(n,n') Levels
293 Kelvin Cross Sections

73-Ta-174



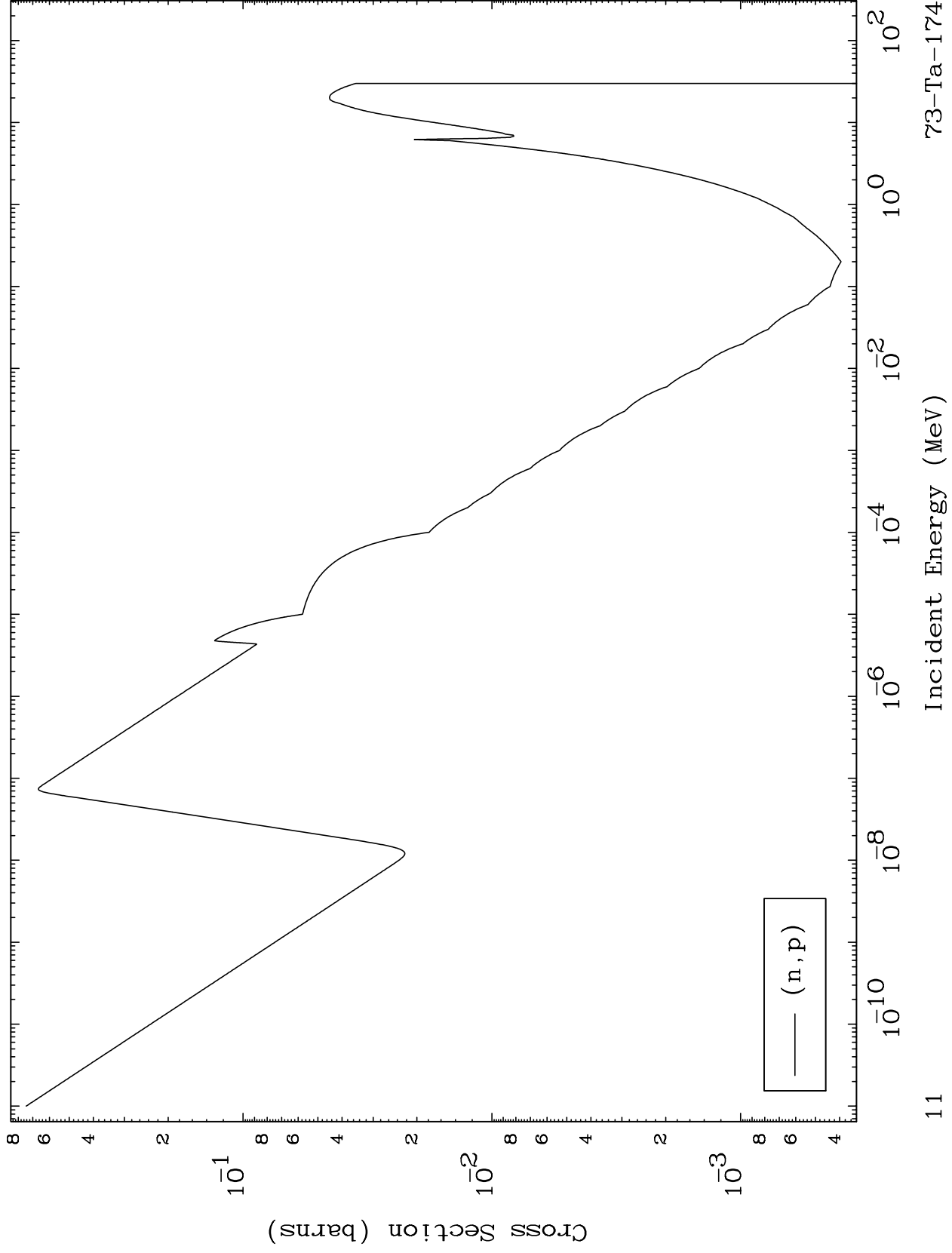
73-Ta-174

Incident Energy (MeV)

MAT 7307

(n,p) Levels
293 Kelvin Cross Sections

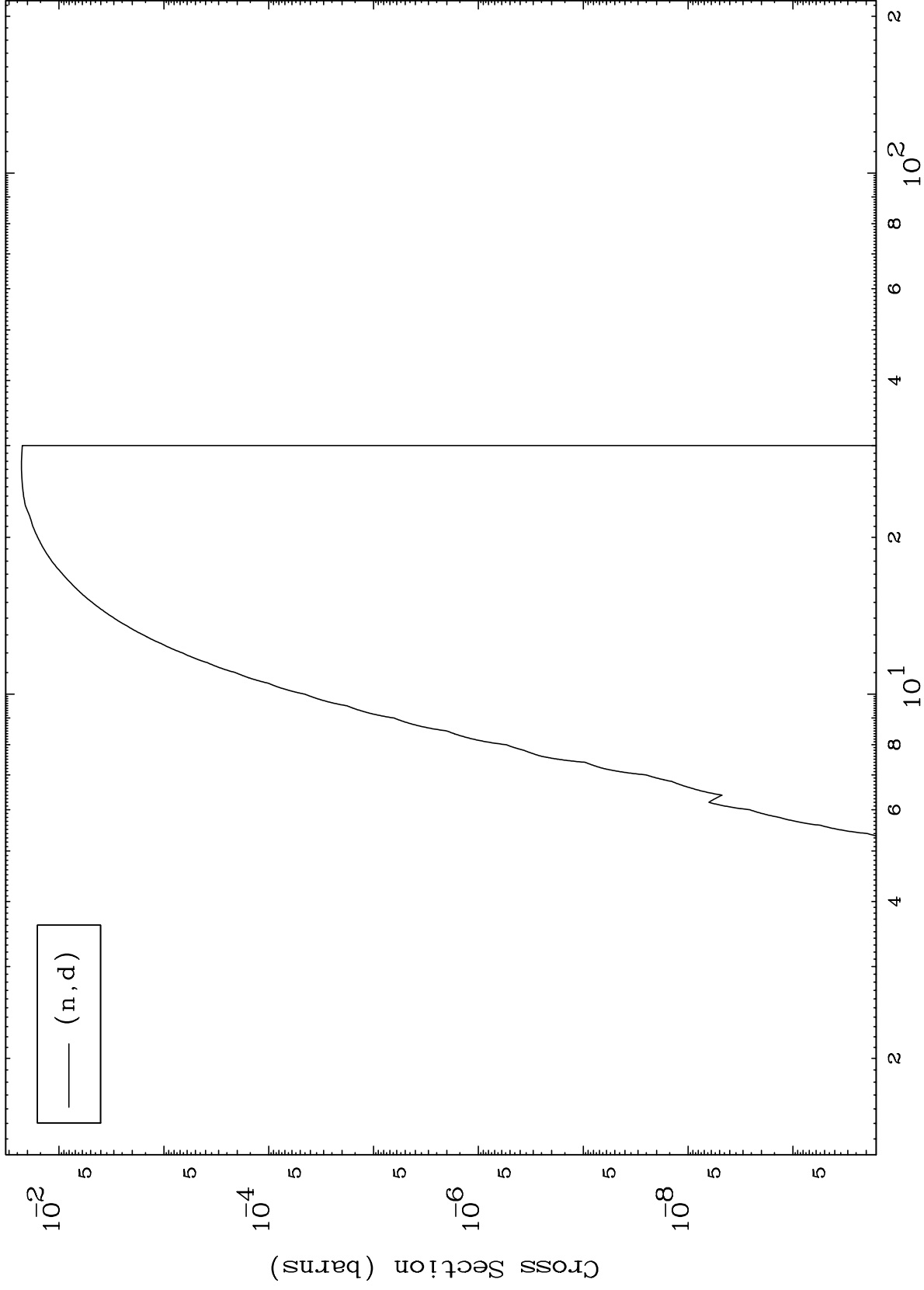
73-Ta-174



MAT 7307

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-174



12

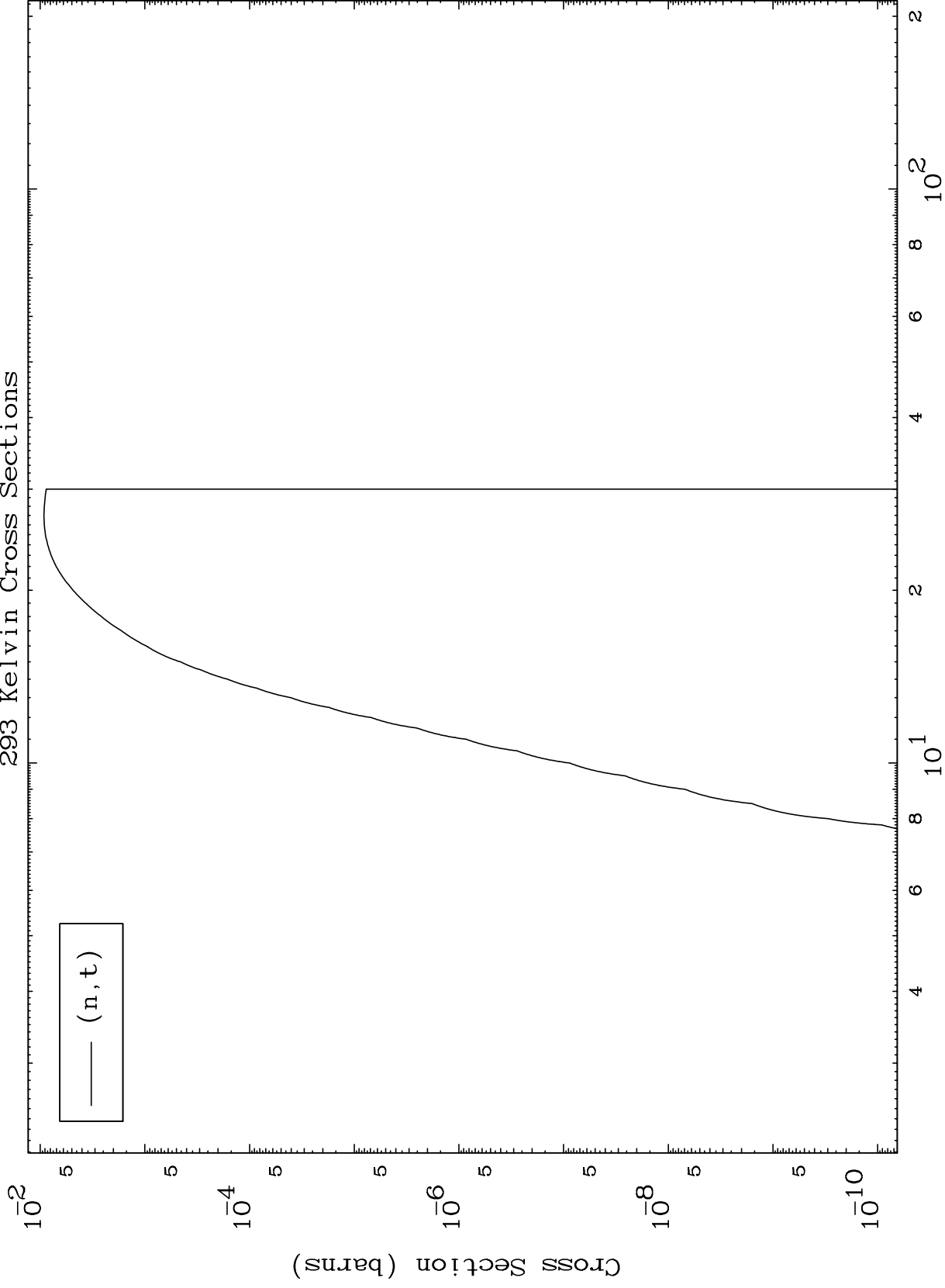
Incident Energy (MeV)

73-Ta-174

MAT 7307

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-174



13

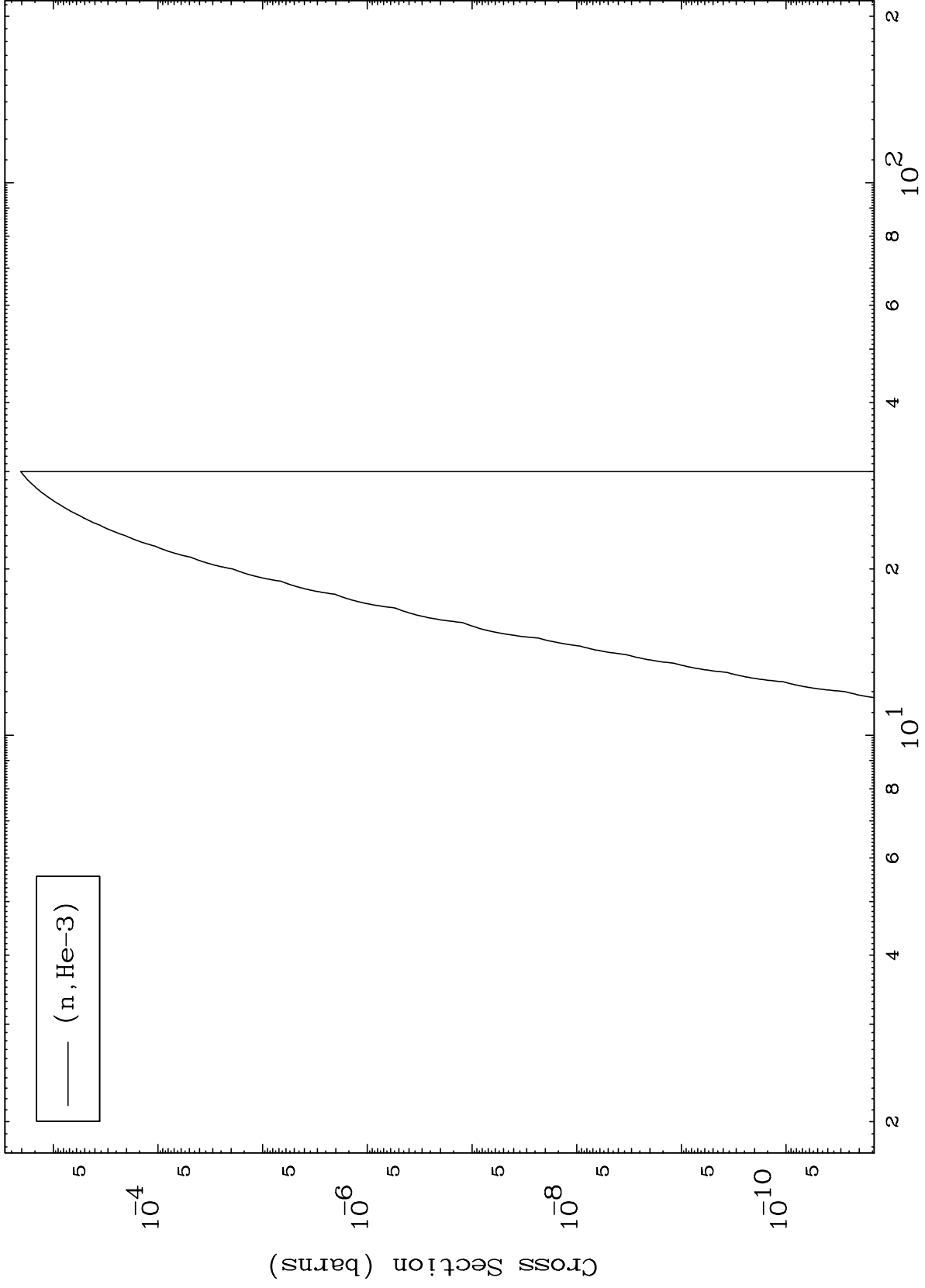
Incident Energy (MeV)

73-Ta-174

MAT 7307

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-174



14

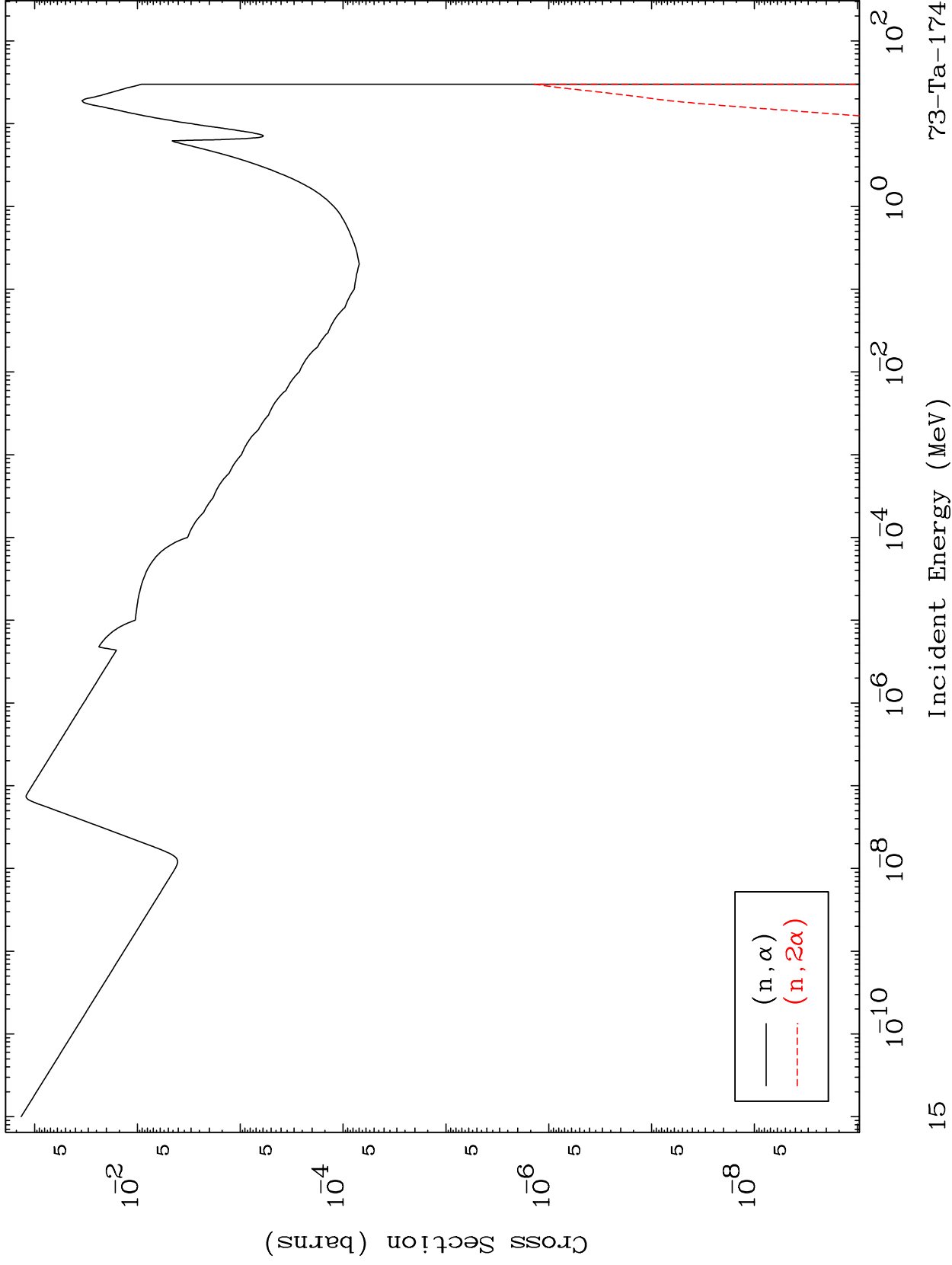
Incident Energy (MeV)

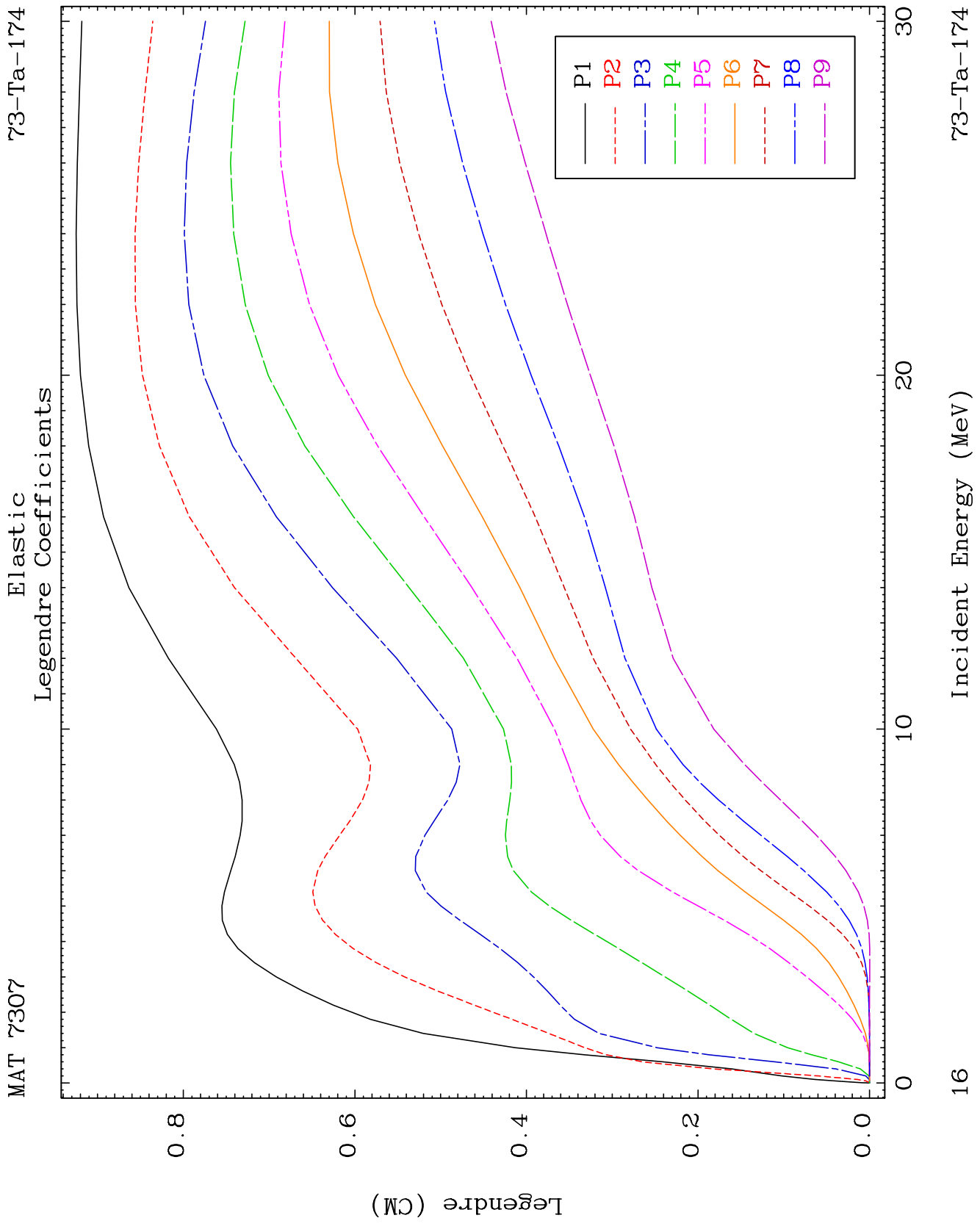
73-Ta-174

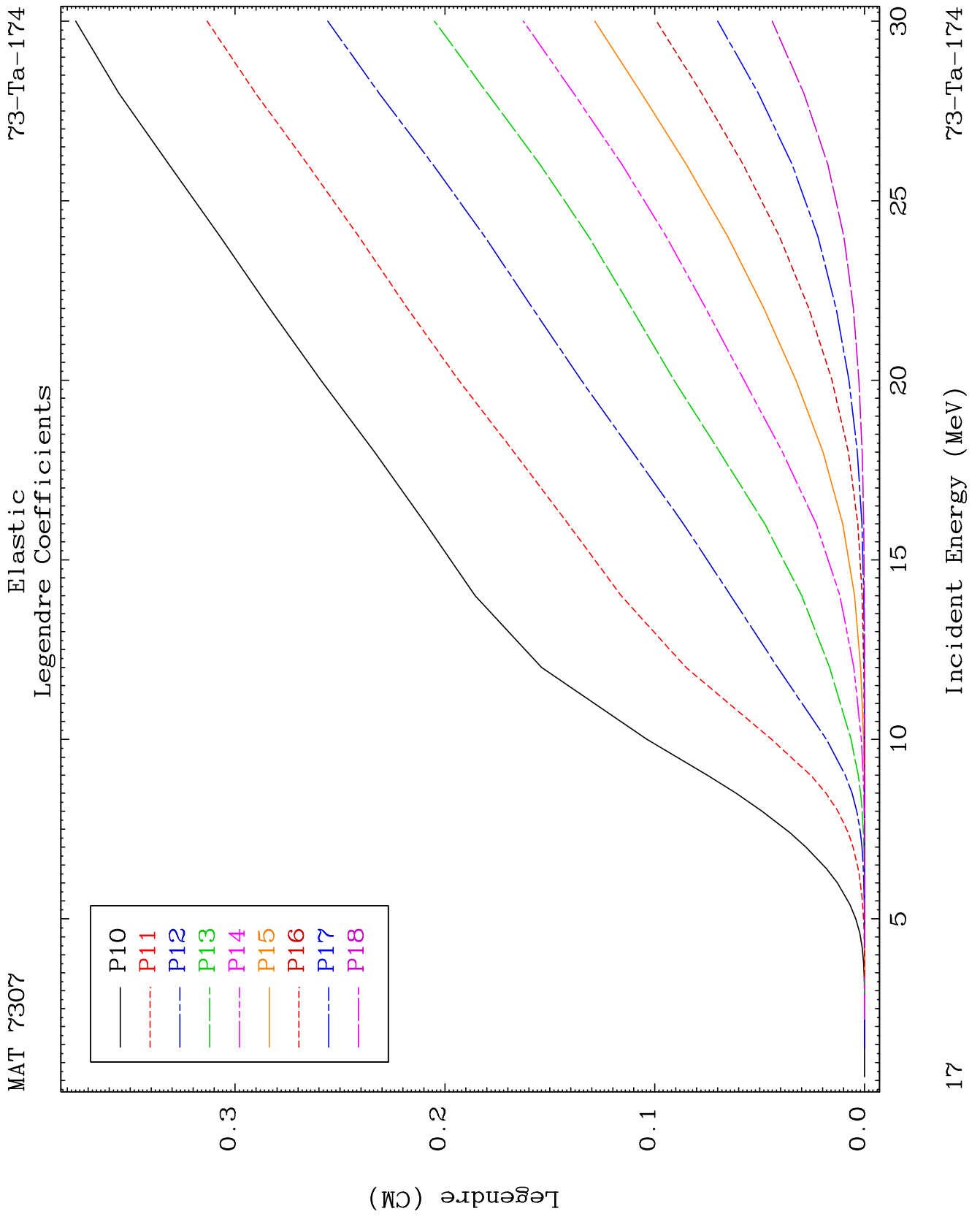
MAT 7307

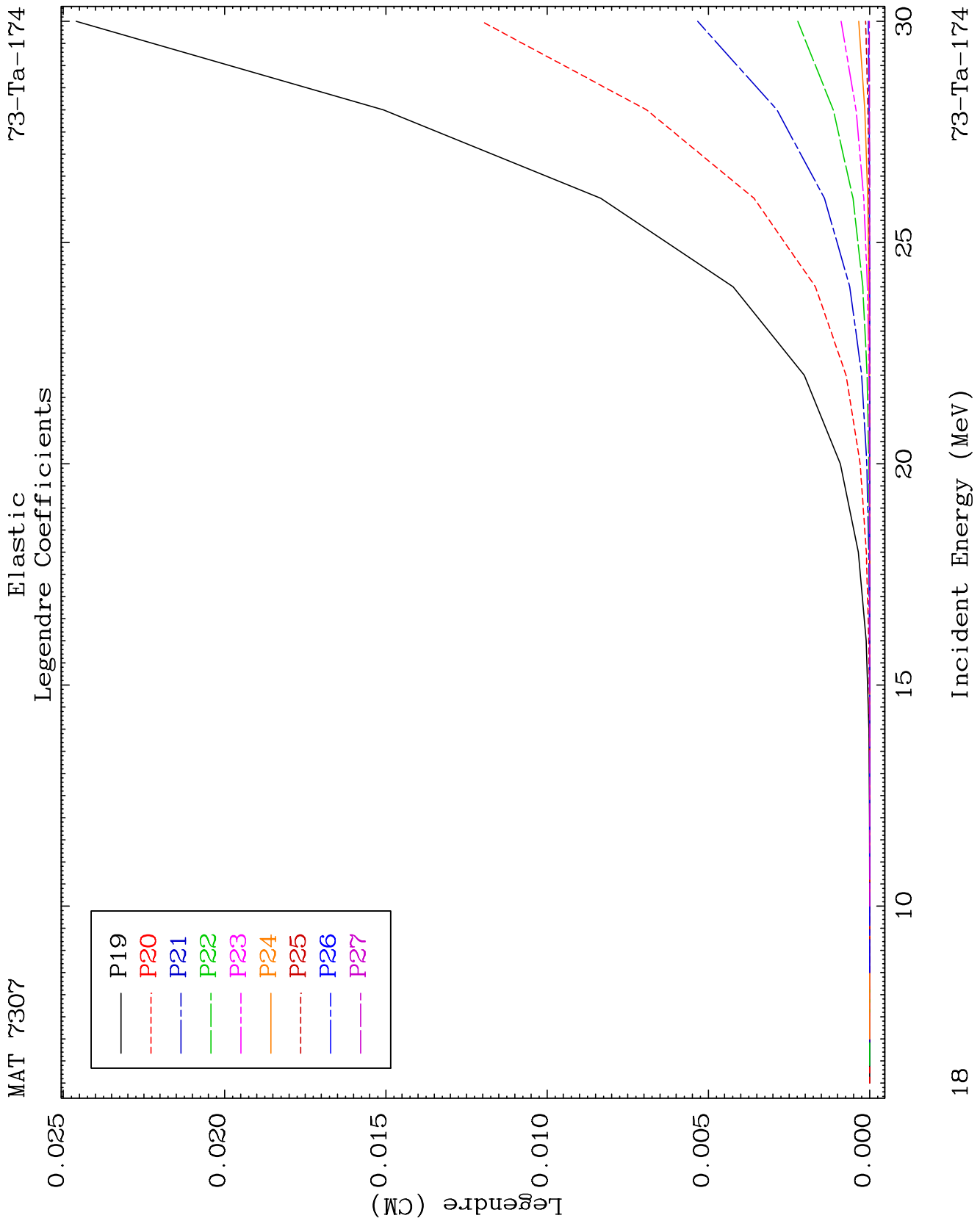
(n, α) Levels
293 Kelvin Cross Sections

73-Ta-174





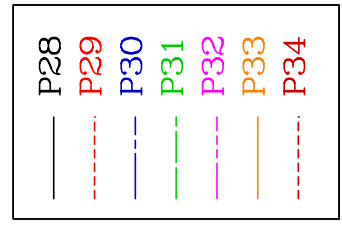




MAT 7307

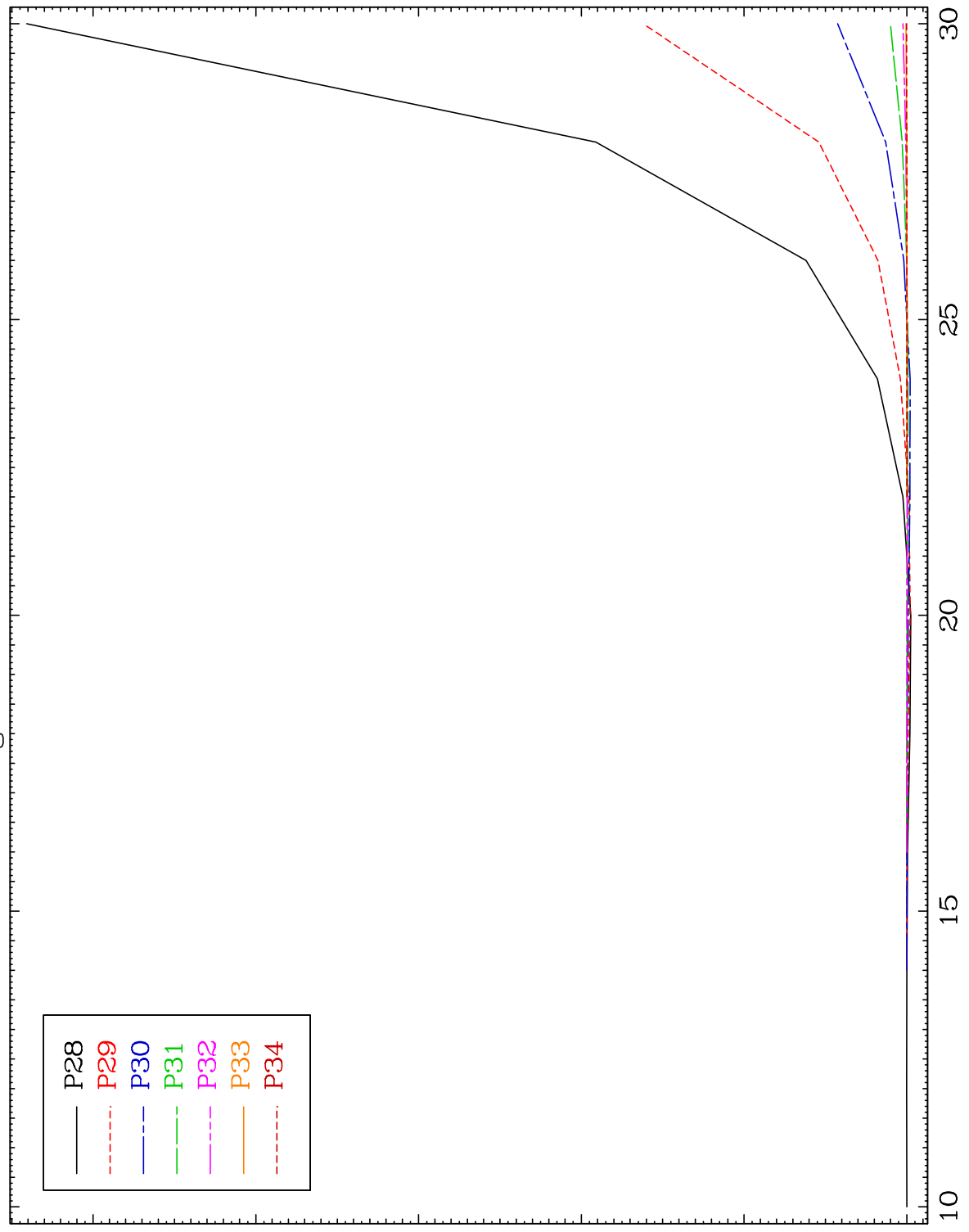
Elastic
Legendre Coefficients

73-Ta-174



$\times 10^{-6}$

Legendre (CM)



10

15

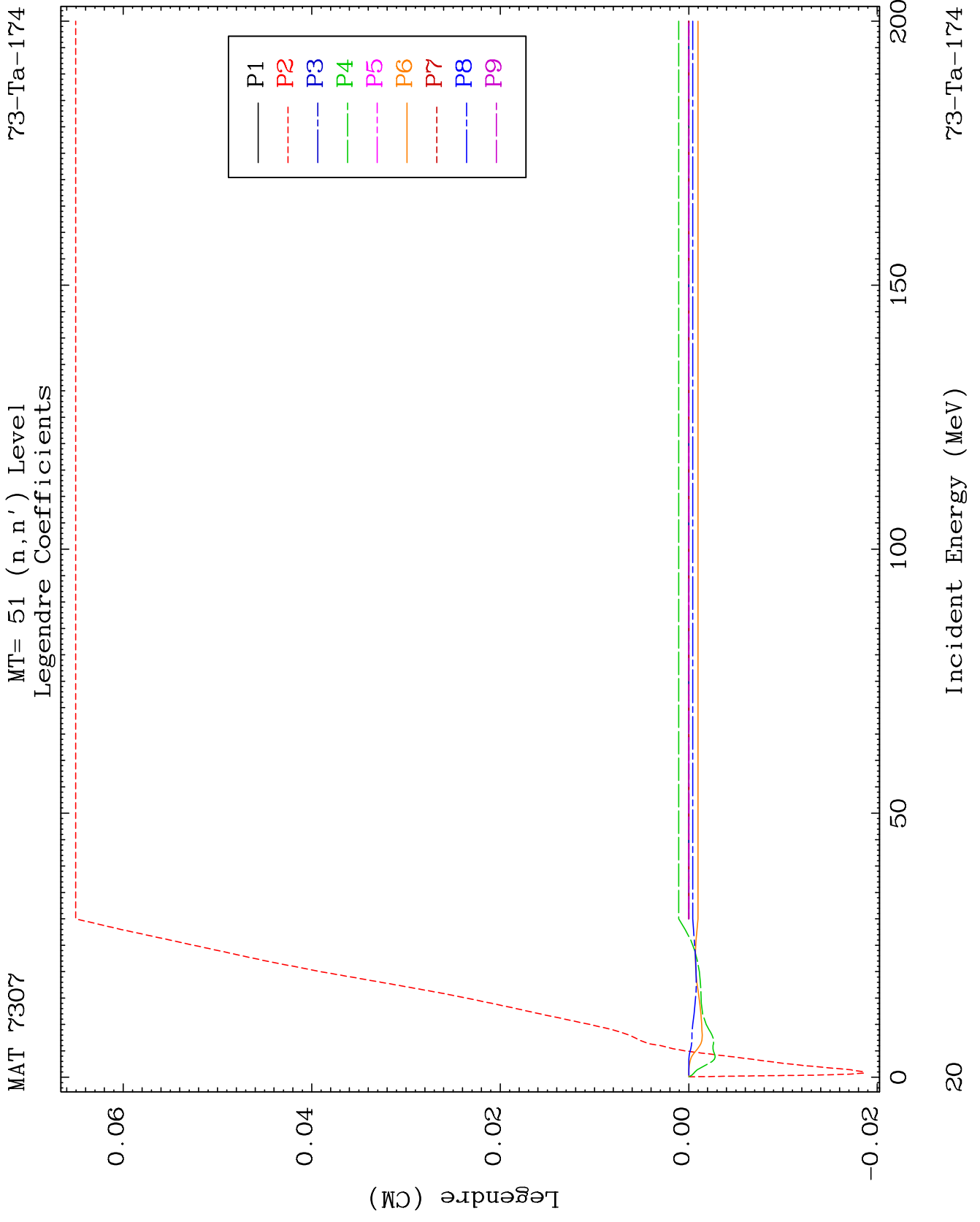
20

25

30

Incident Energy (MeV)

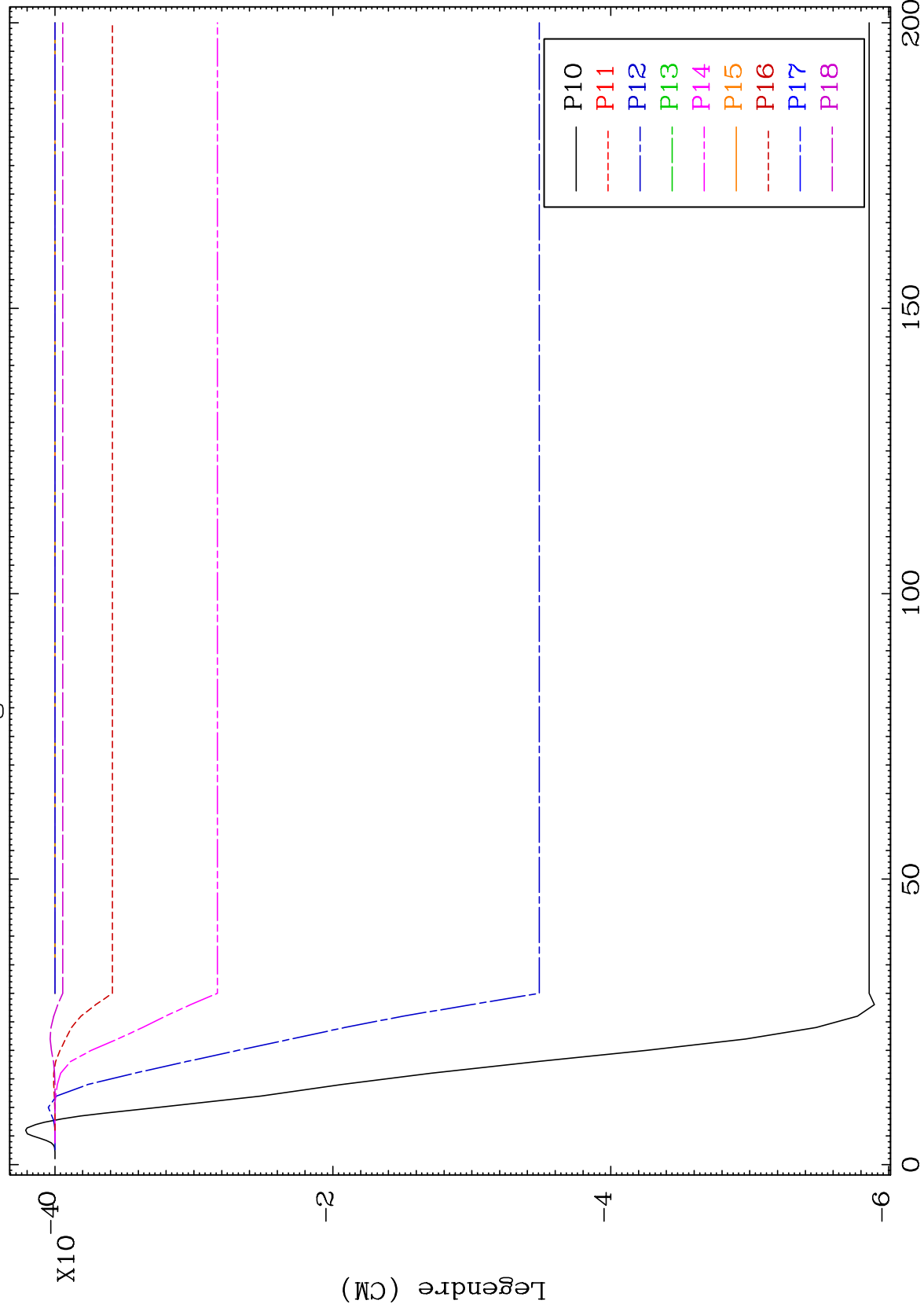
73-Ta-174



MAT 7307

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

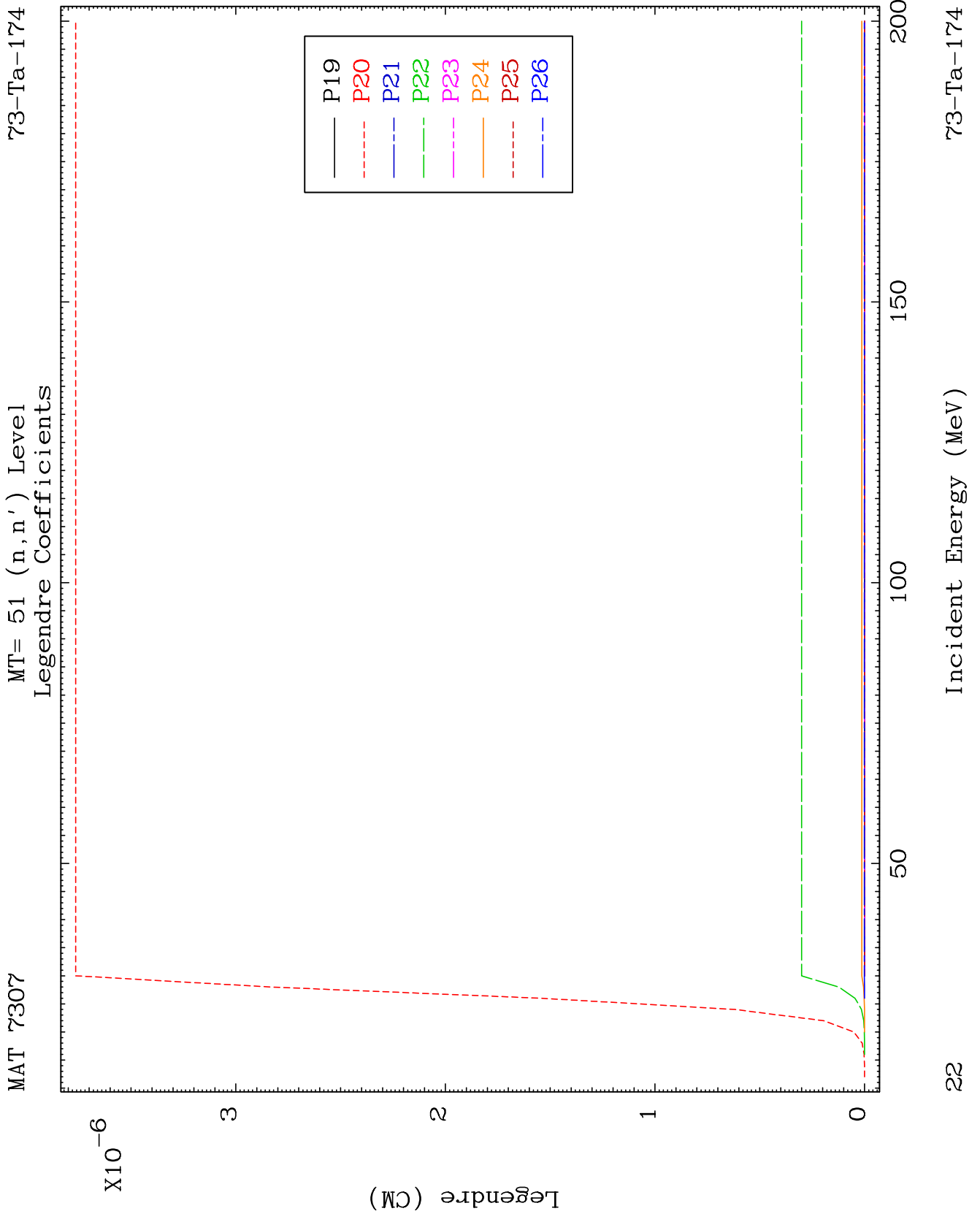
73-Ta-174

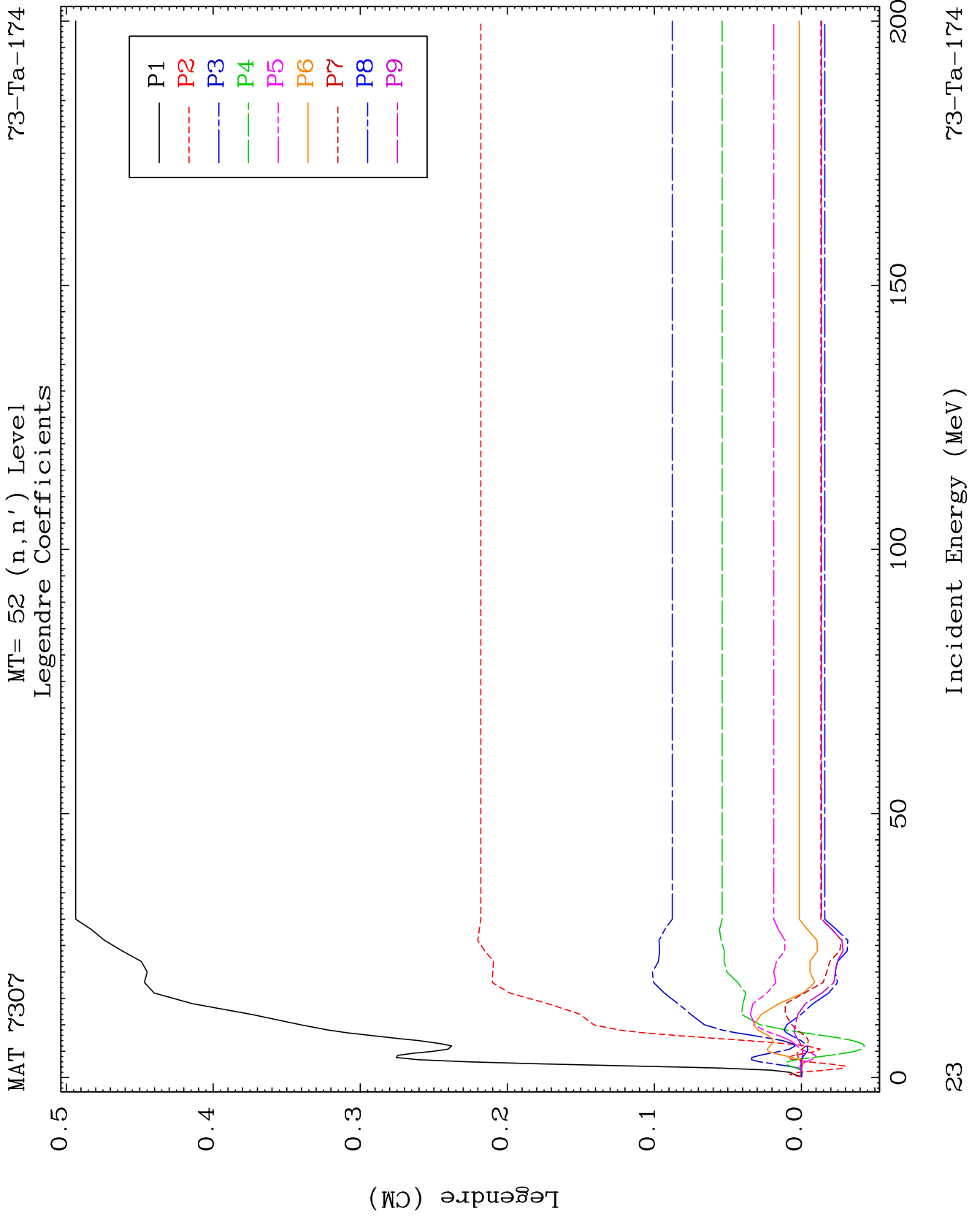


21

Incident Energy (MeV)

73-Ta-174

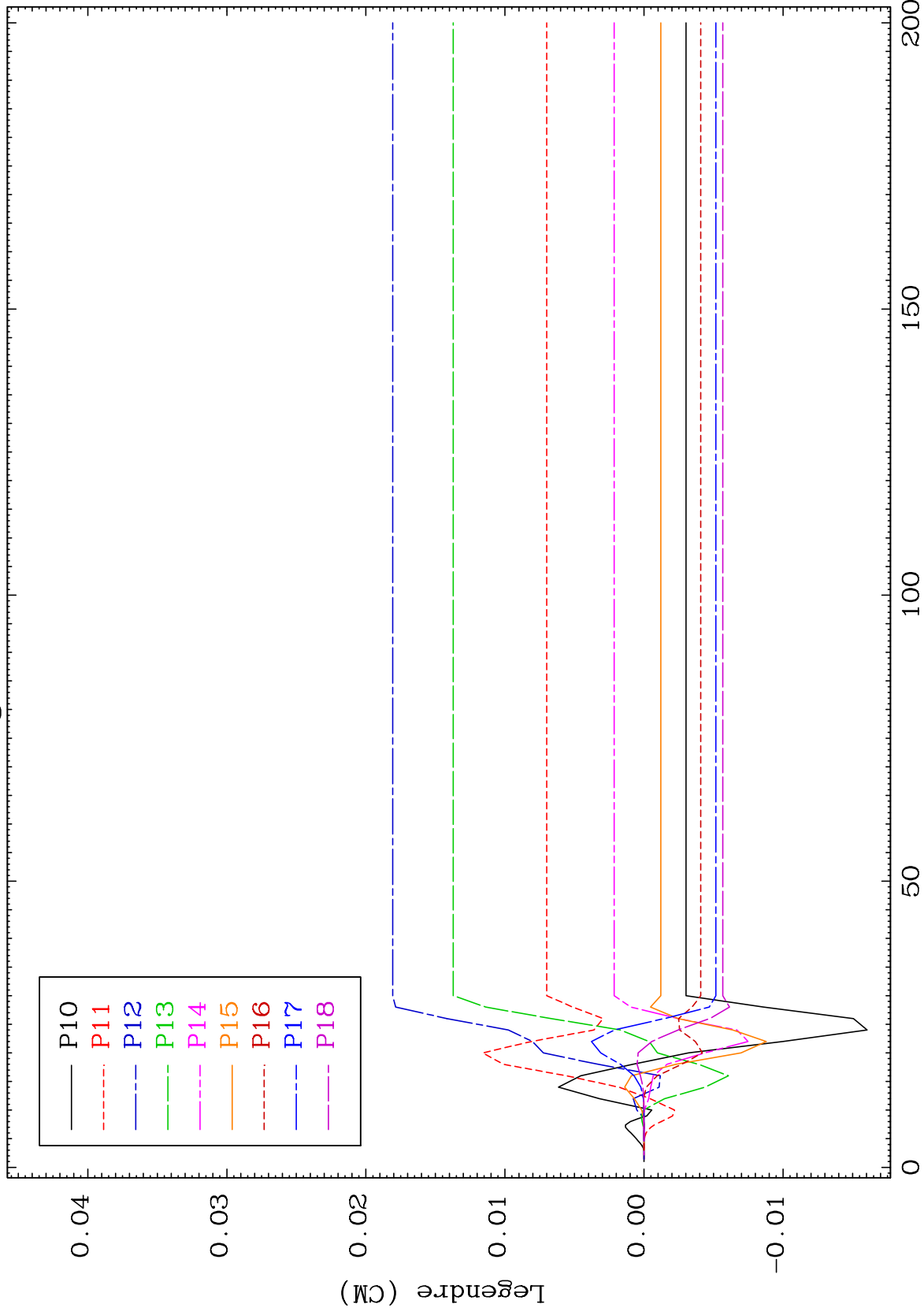




MAT 7307

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

73-Ta-174



24

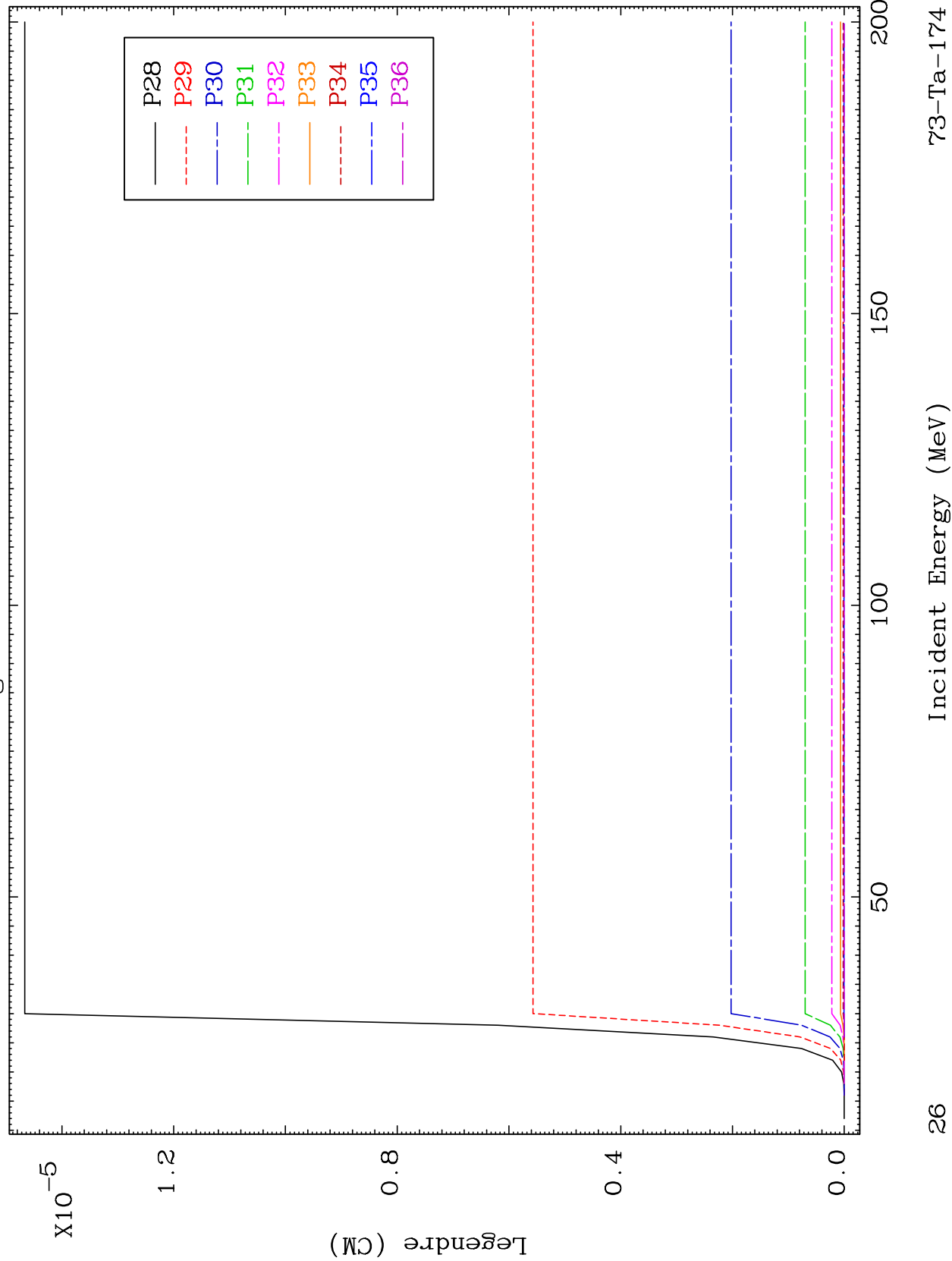
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174



26

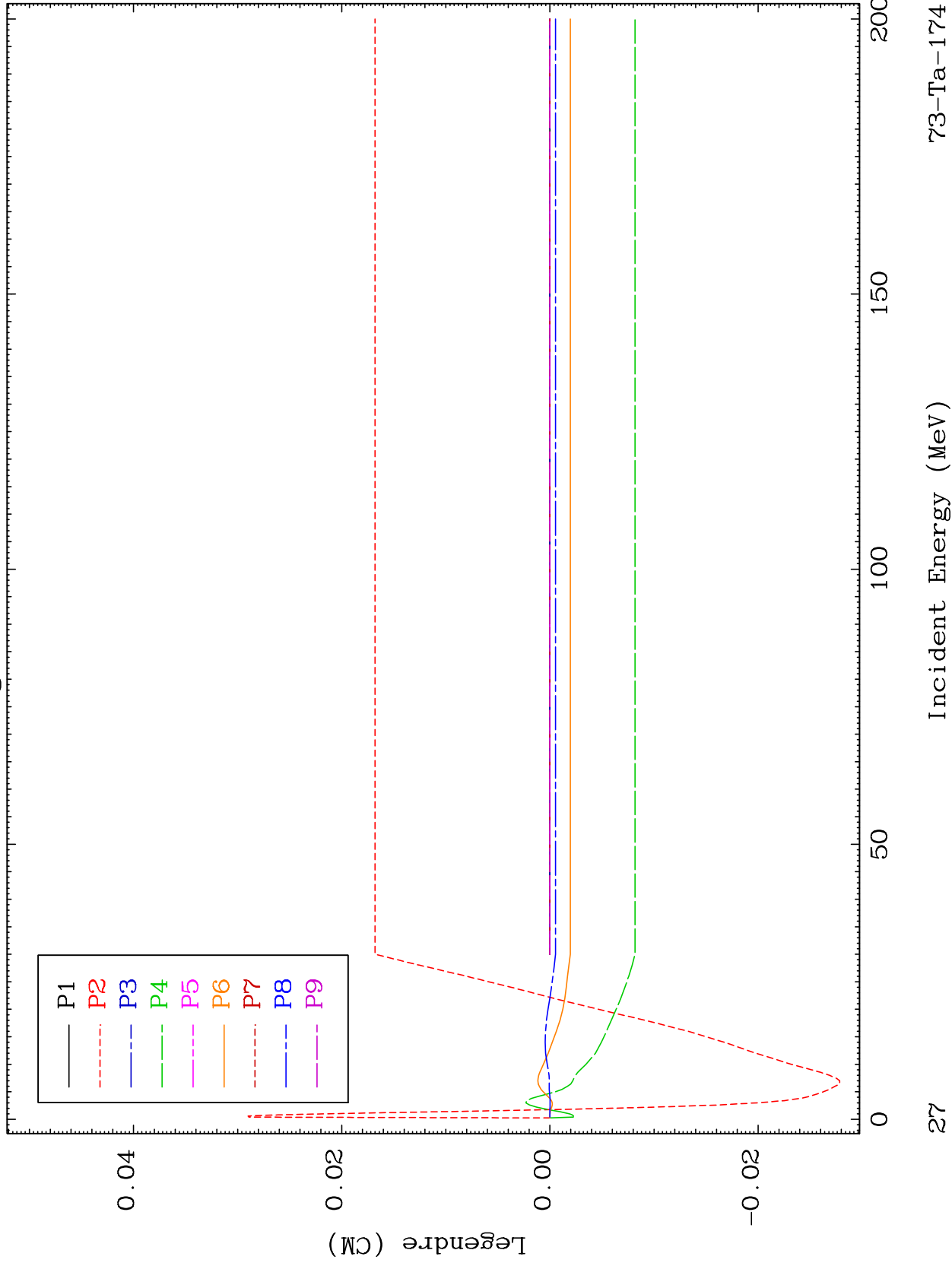
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174



73-Ta-174

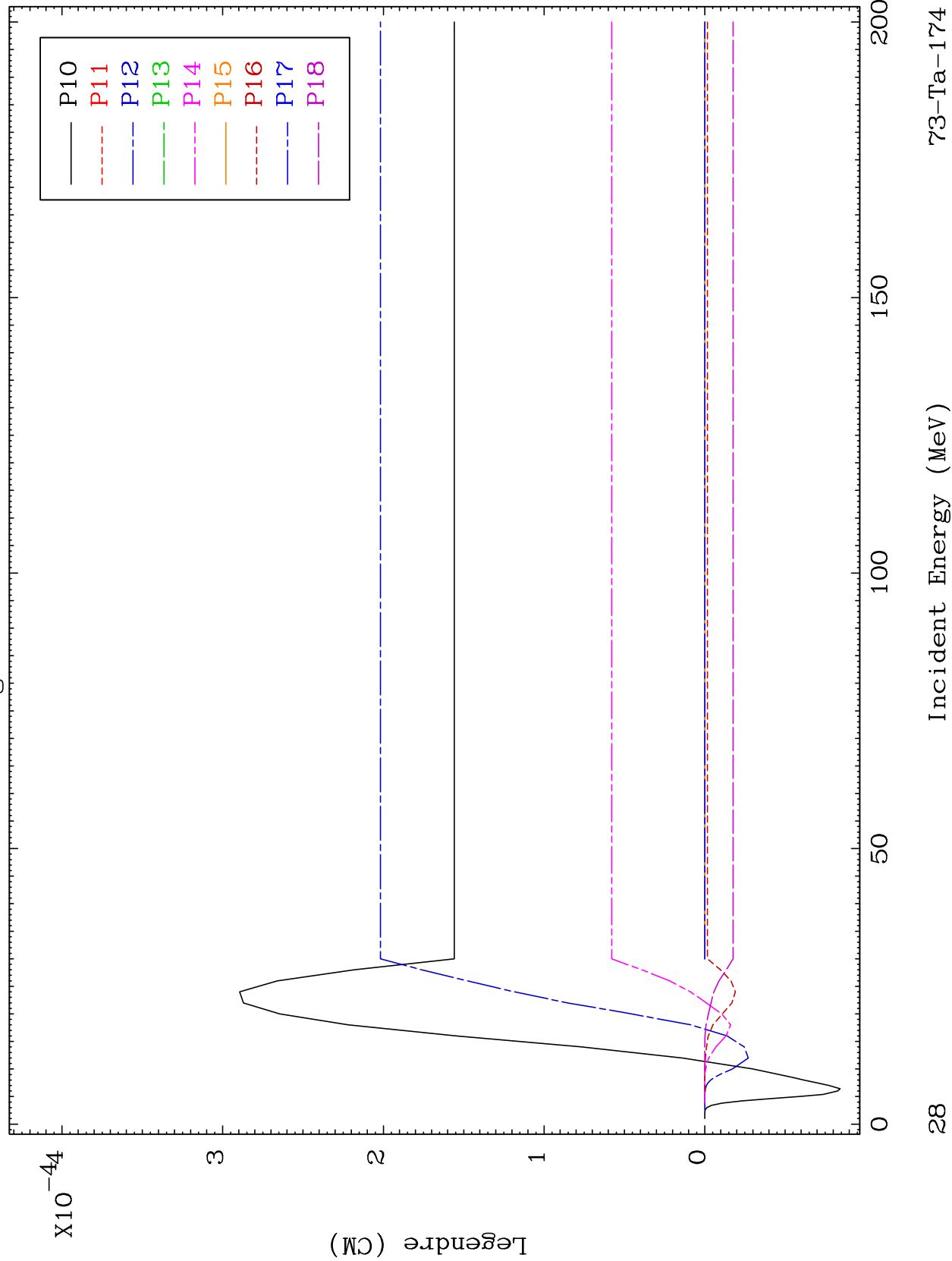
Incident Energy (MeV)

27

MAT 7307

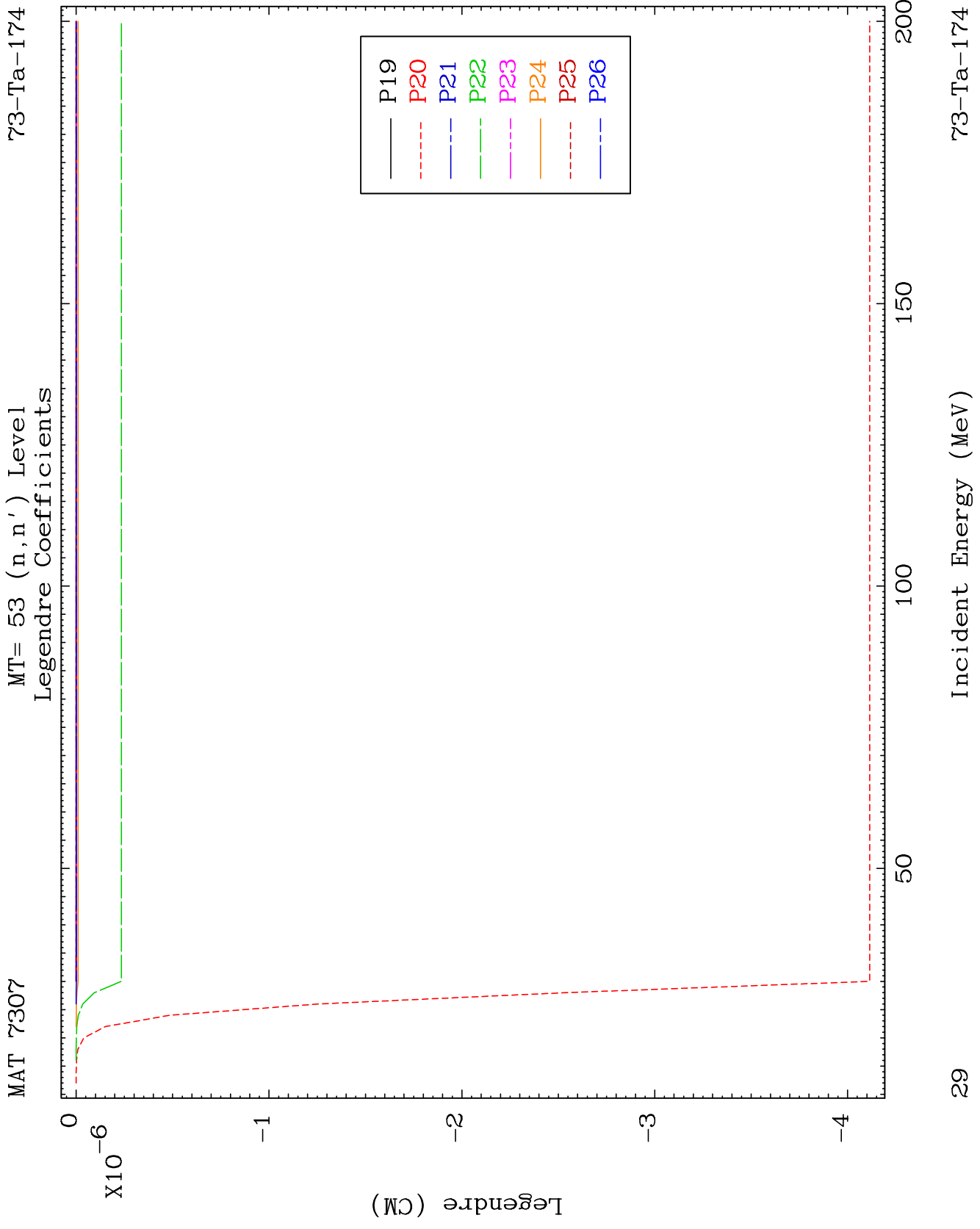
MT= 53 (n,n') Level
Legendre Coefficients

73-Ta-174



28

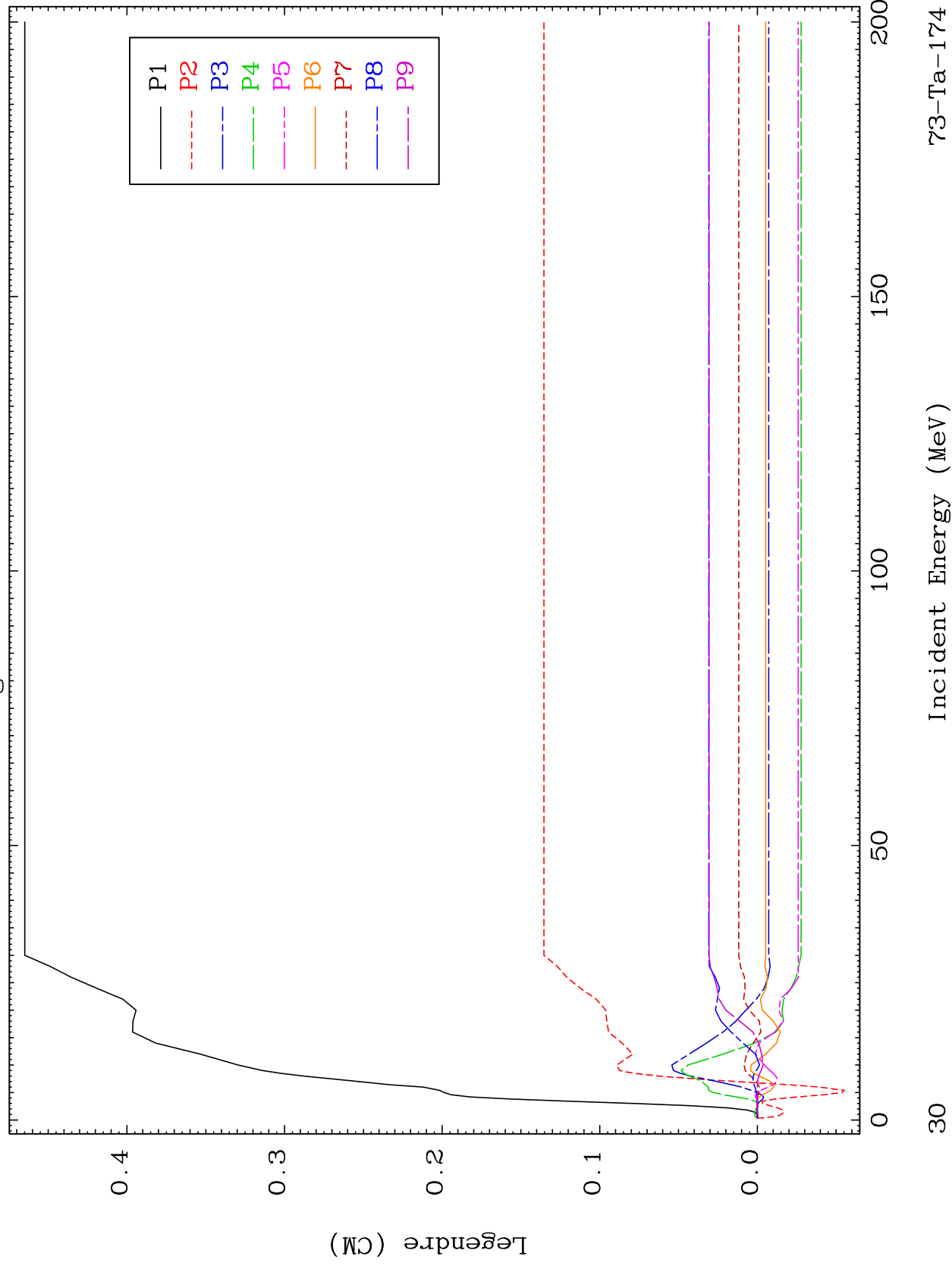
73-Ta-174



MAT 7307

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

73-Ta-174



73-Ta-174

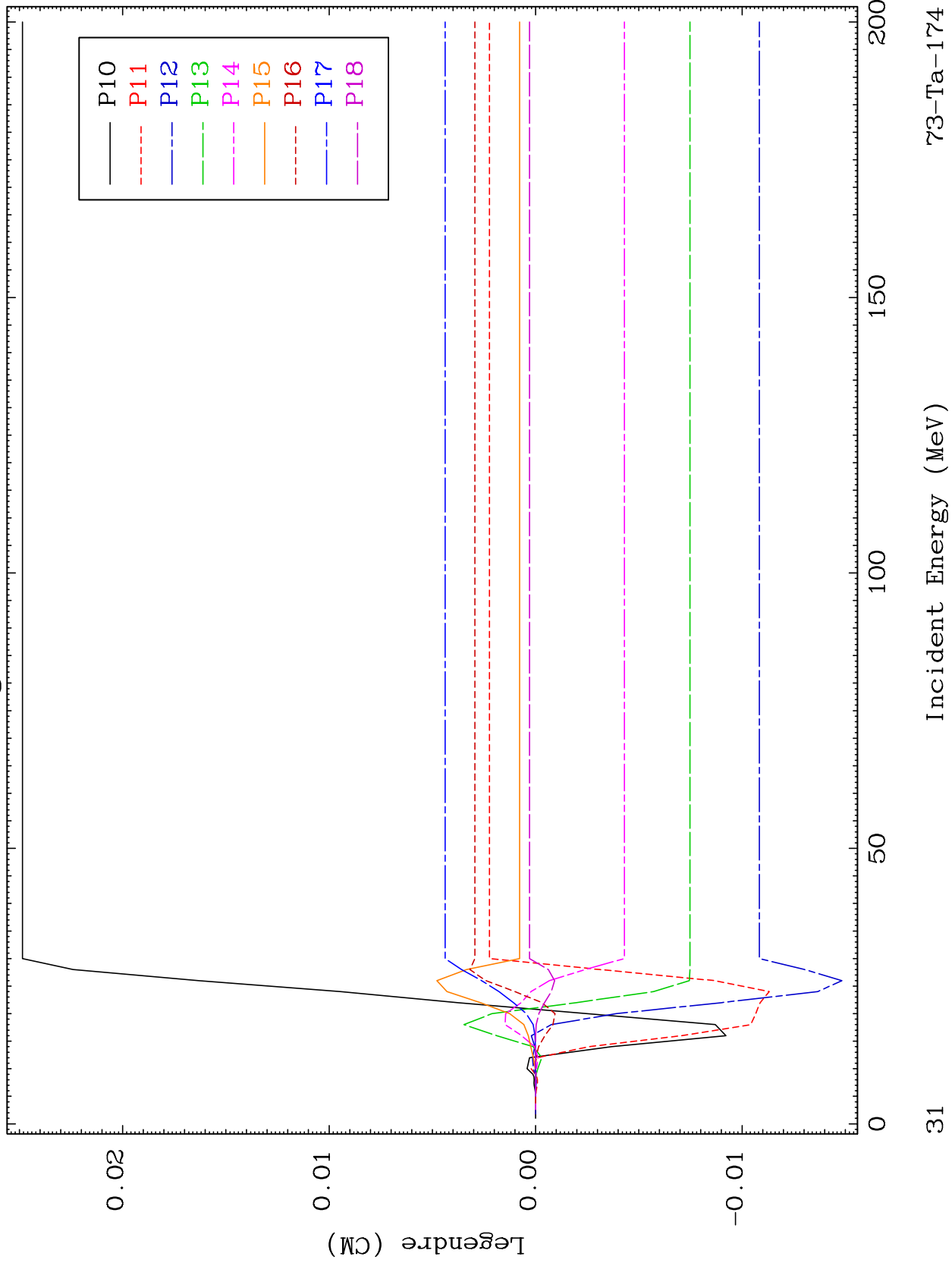
Incident Energy (MeV)

30

MAT 7307

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

73-Ta-174



31

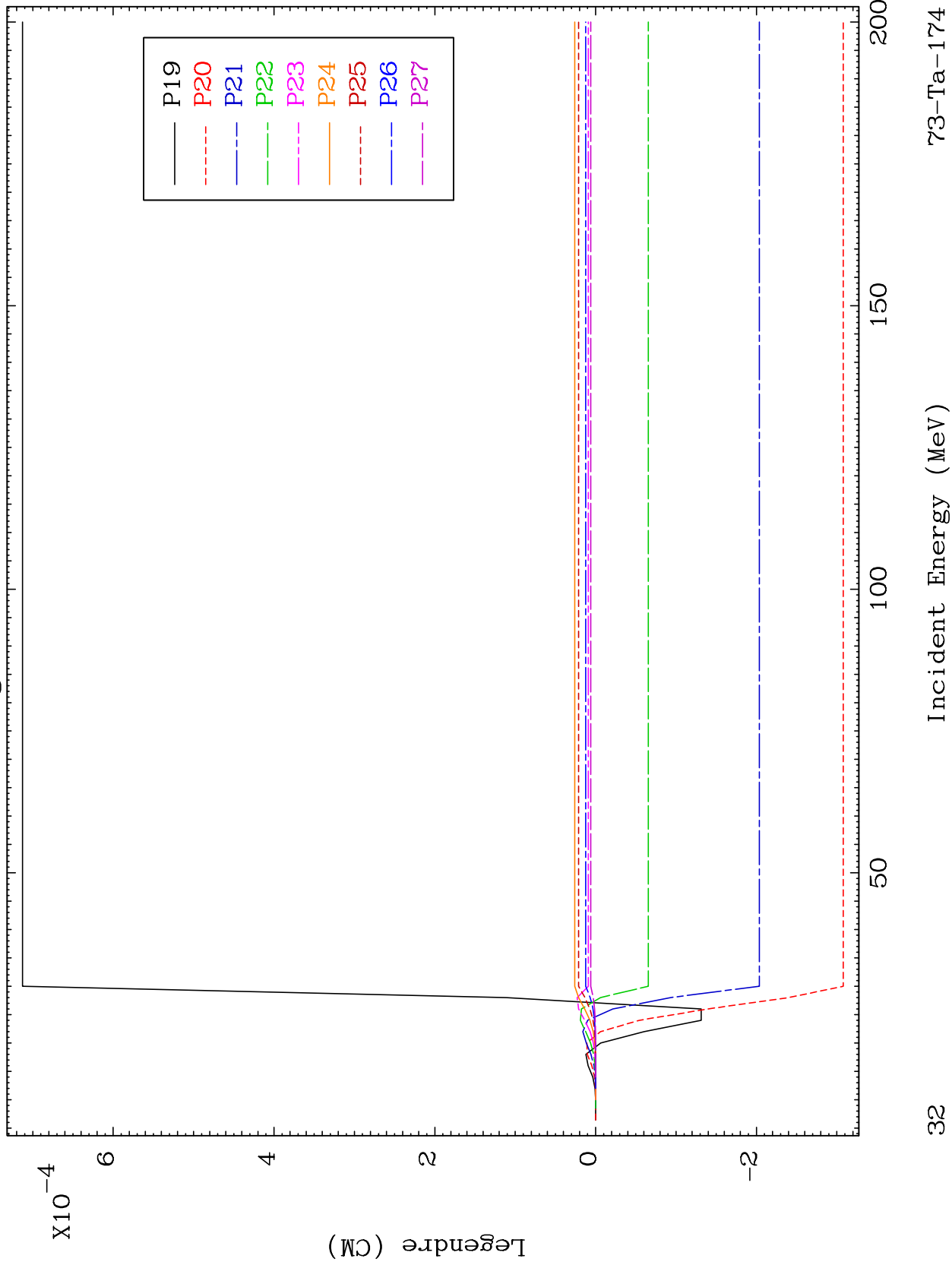
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174

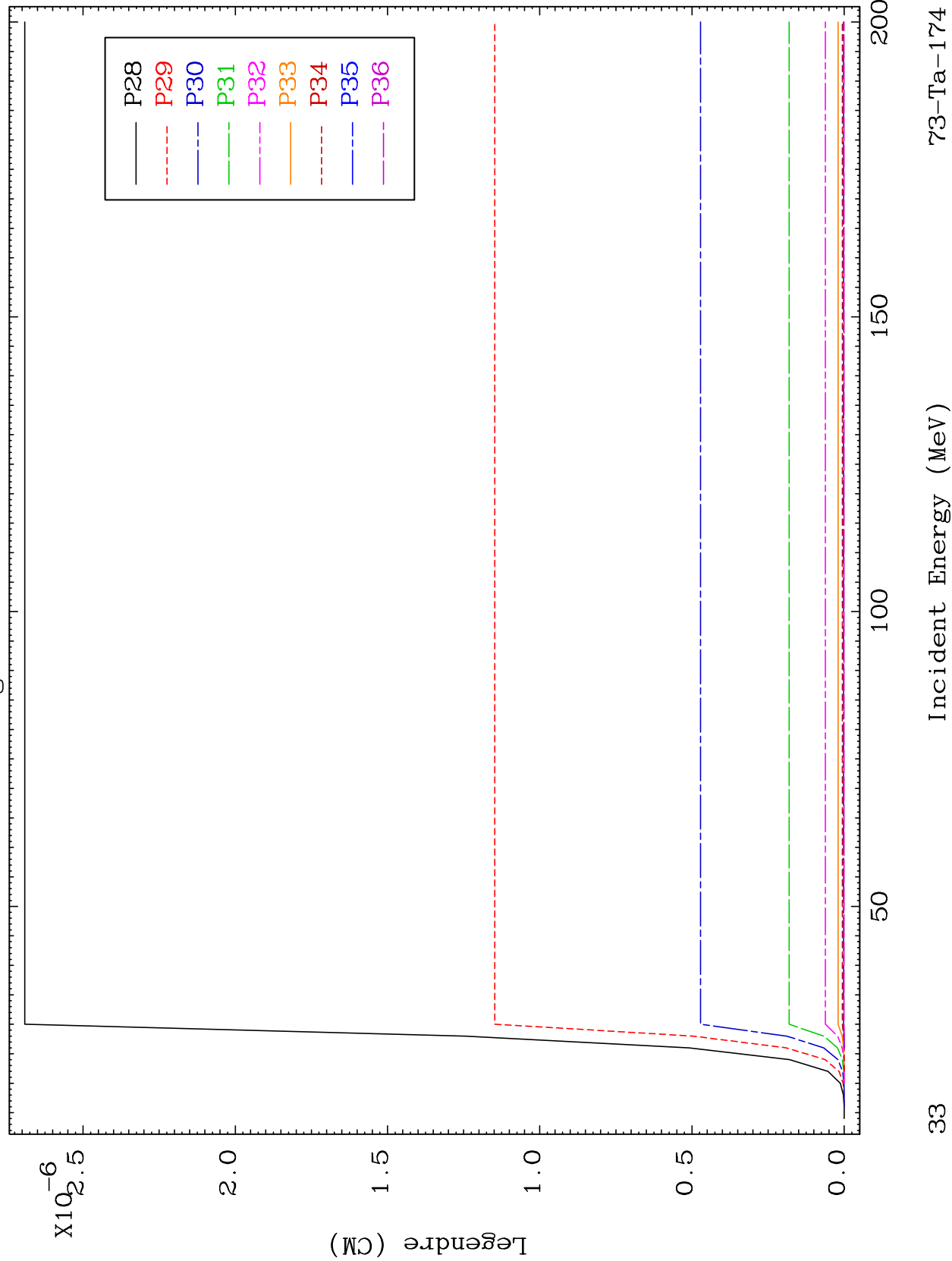


32

MAT 7307

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

73-Ta-174



33

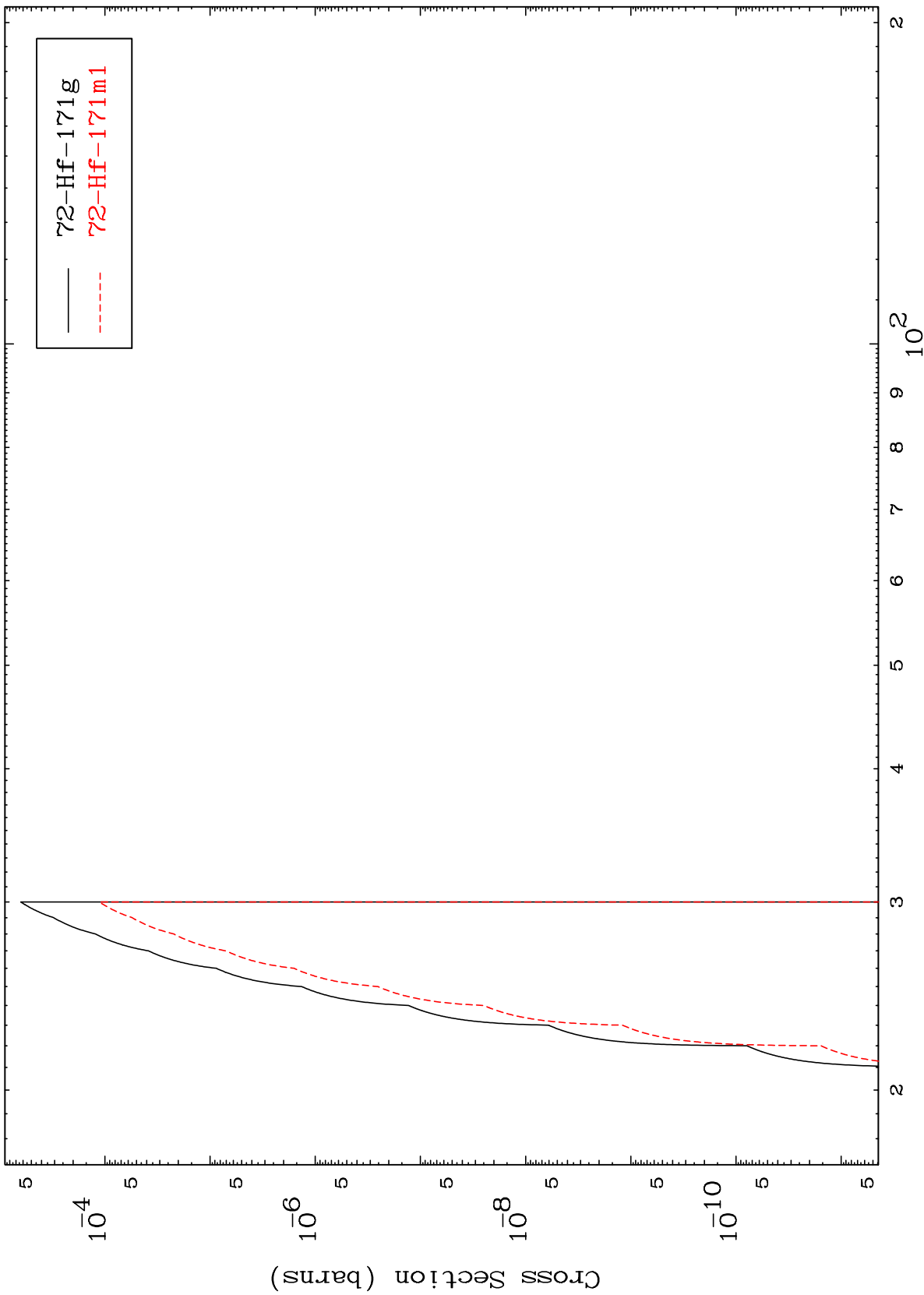
73-Ta-174

MAT 7307

(n,2n) d

73-Ta-174

Radionuclide Production Cross Section



34

Incident Energy (MeV)

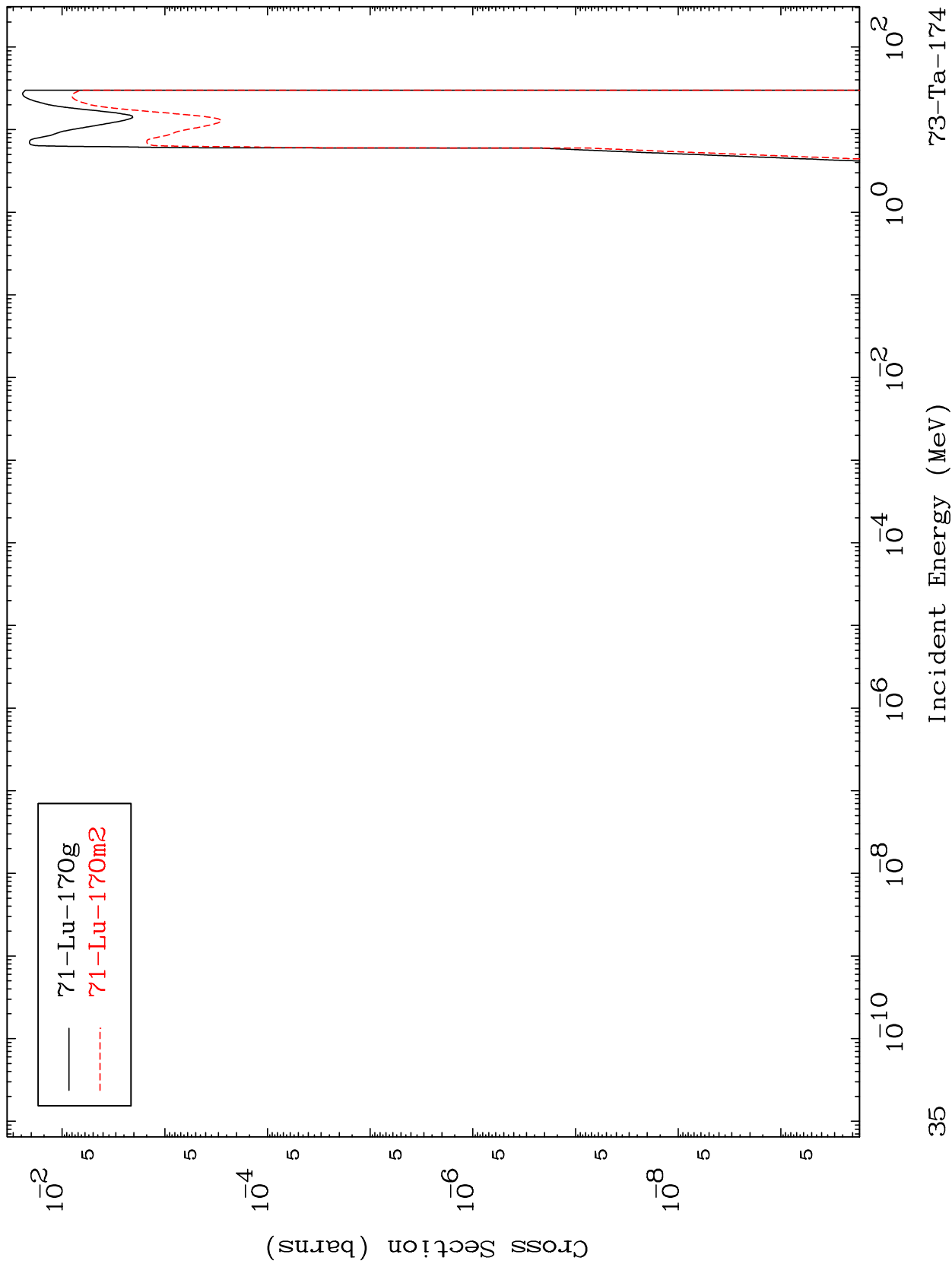
73-Ta-174

MAT 7307

$(n, n') \alpha$

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

Radionuclide Production Cross Section

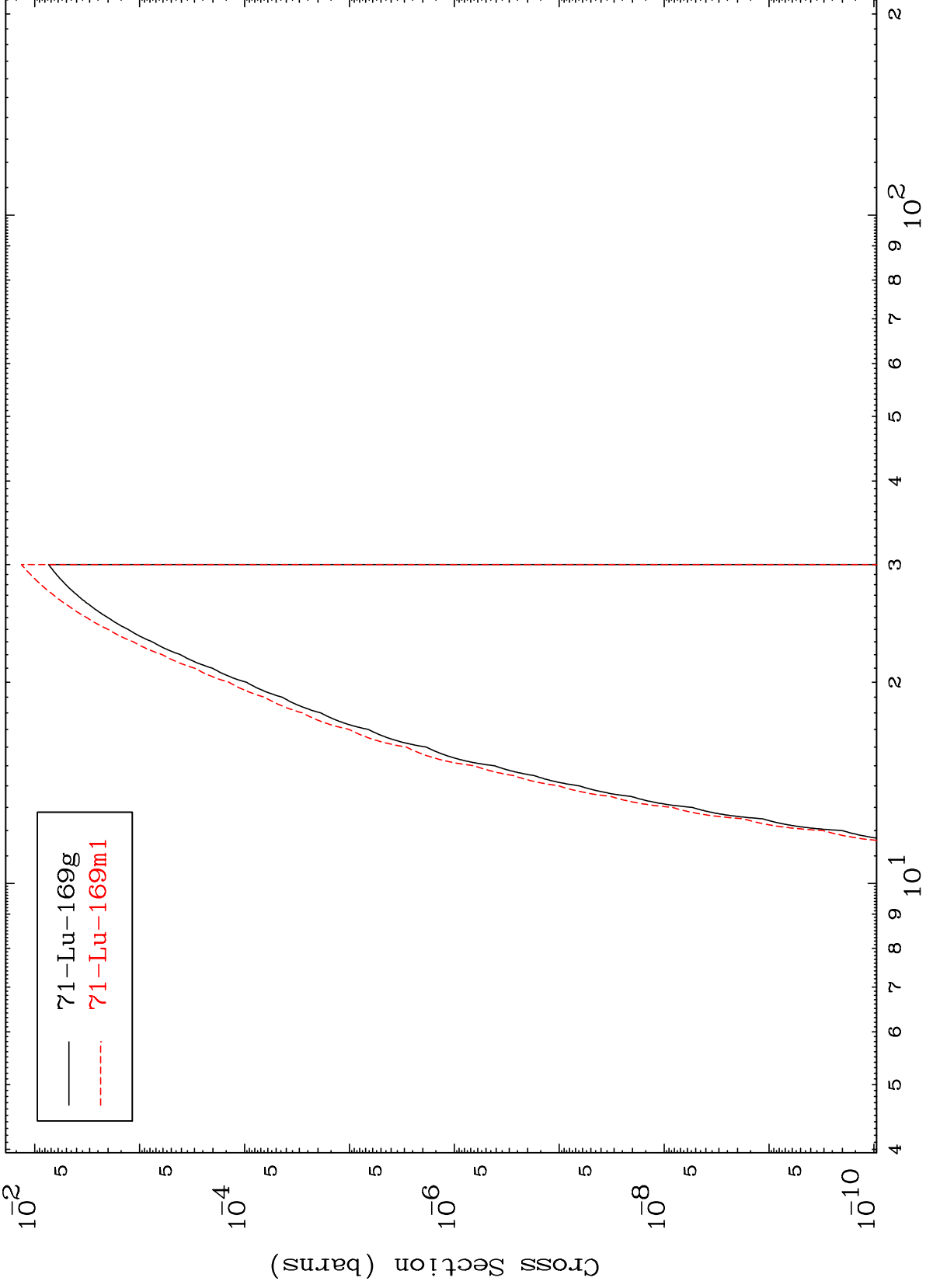


MAT 7307

(n,2n) α

⁷³Ta-174

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷³Ta-174

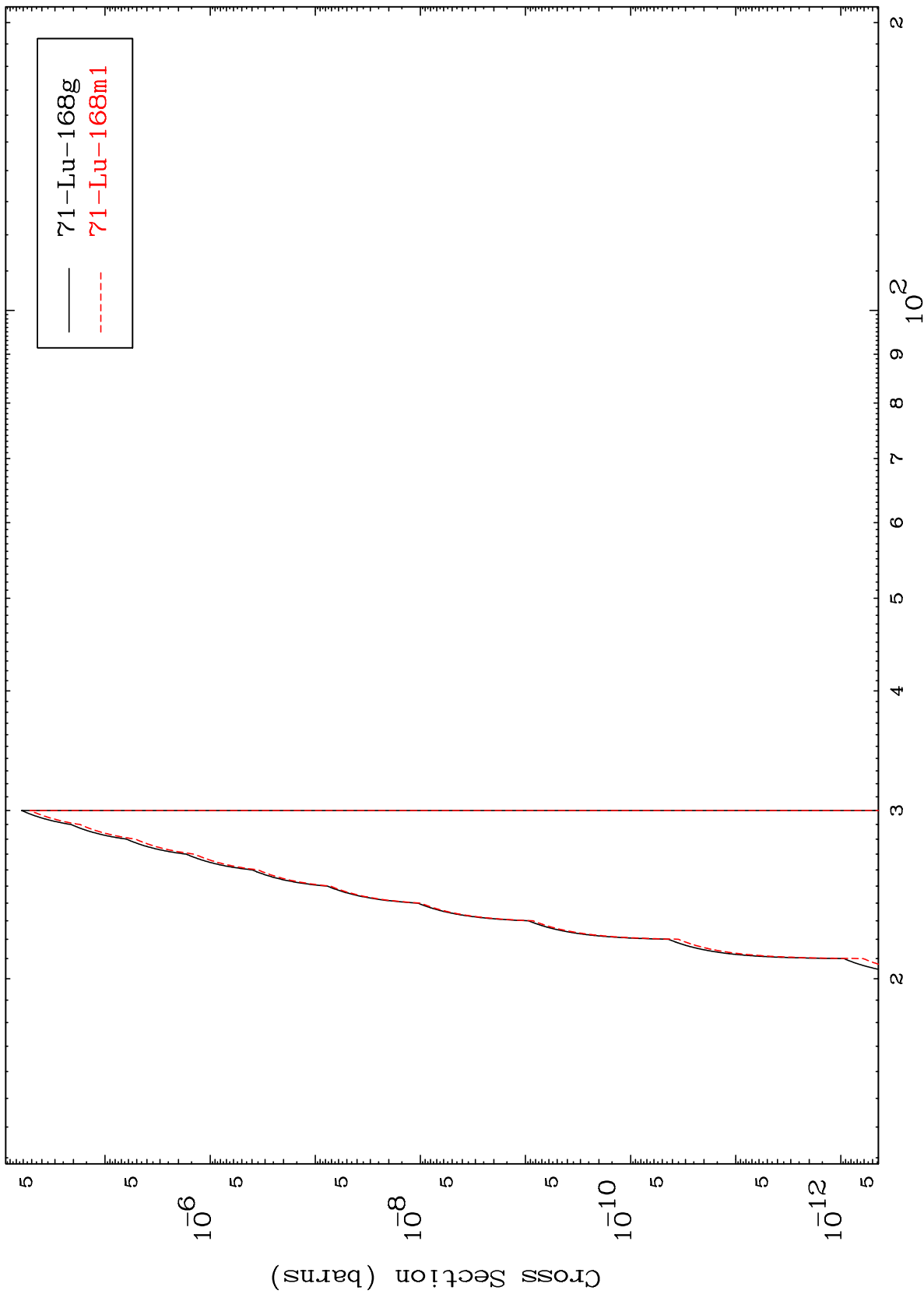
36

MAT 7307

(n,3n) α

73-Ta-174

Radionuclide Production Cross Section



37

Incident Energy (MeV)

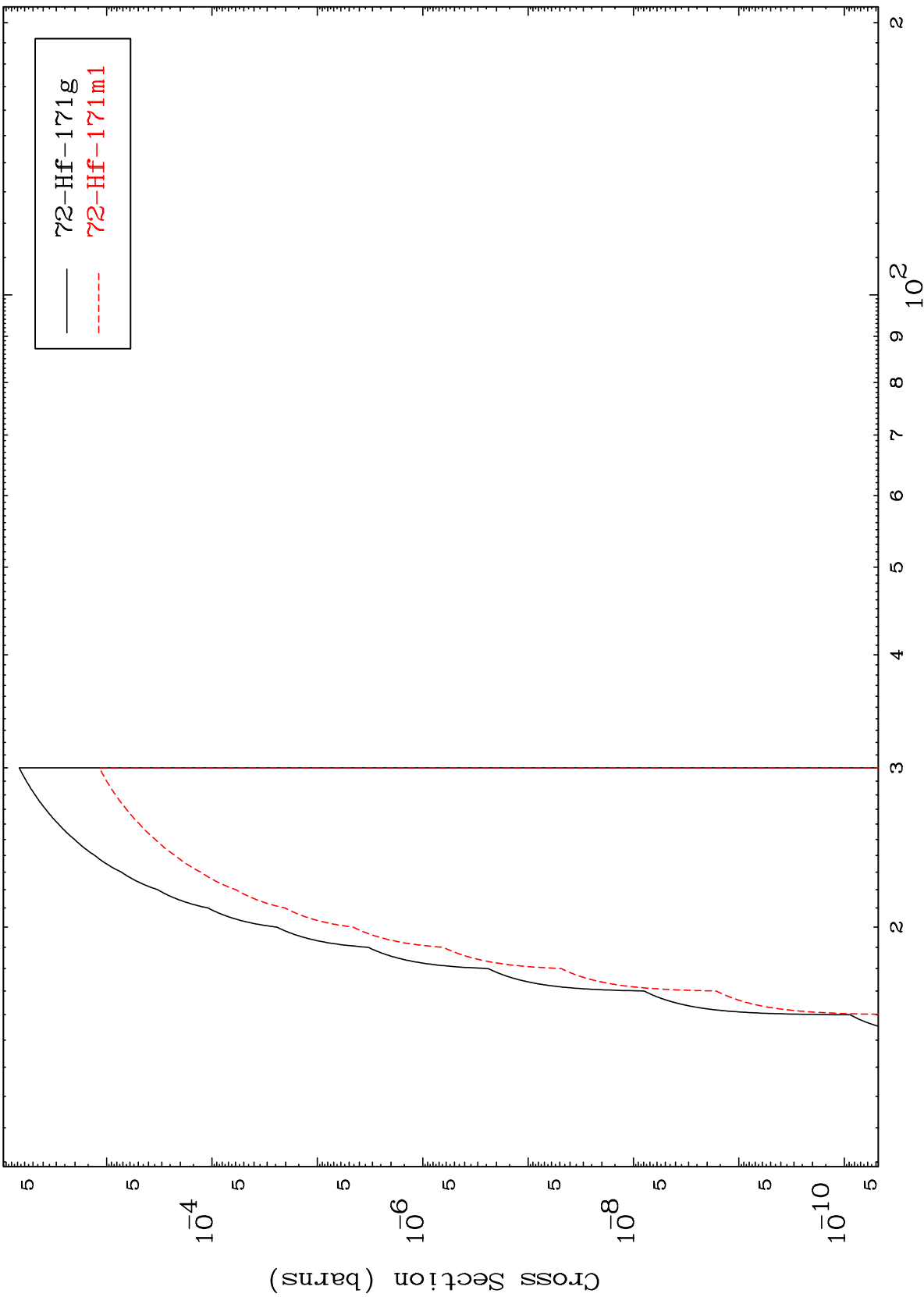
73-Ta-174

MAT 7307

(n,n') t

73-Ta-174

Radionuclide Production Cross Section



38

Incident Energy (MeV)

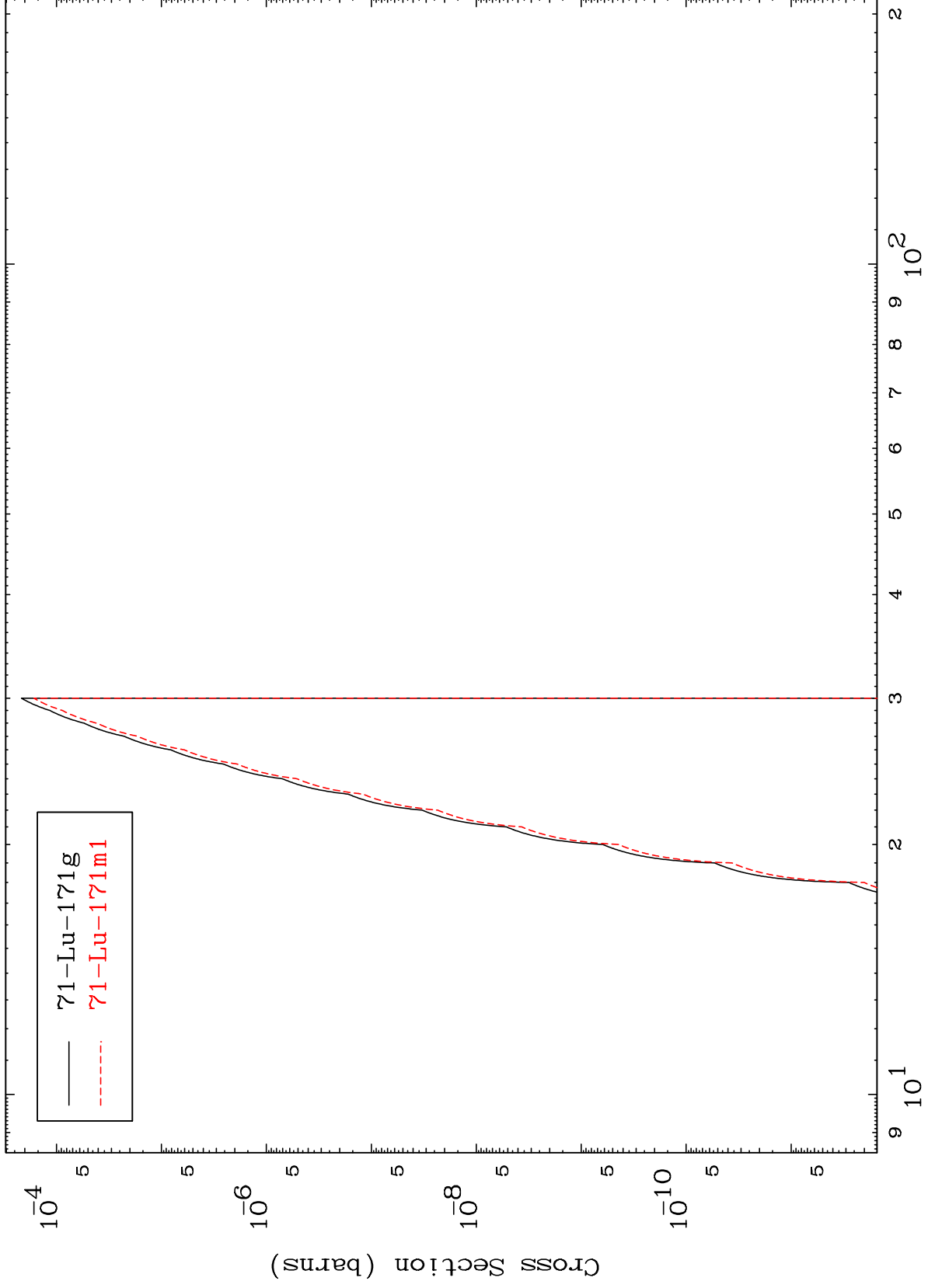
73-Ta-174

MAT 7307

(n,n') He-3

73-Ta-174

Radionuclide Production Cross Section



39

Incident Energy (MeV)

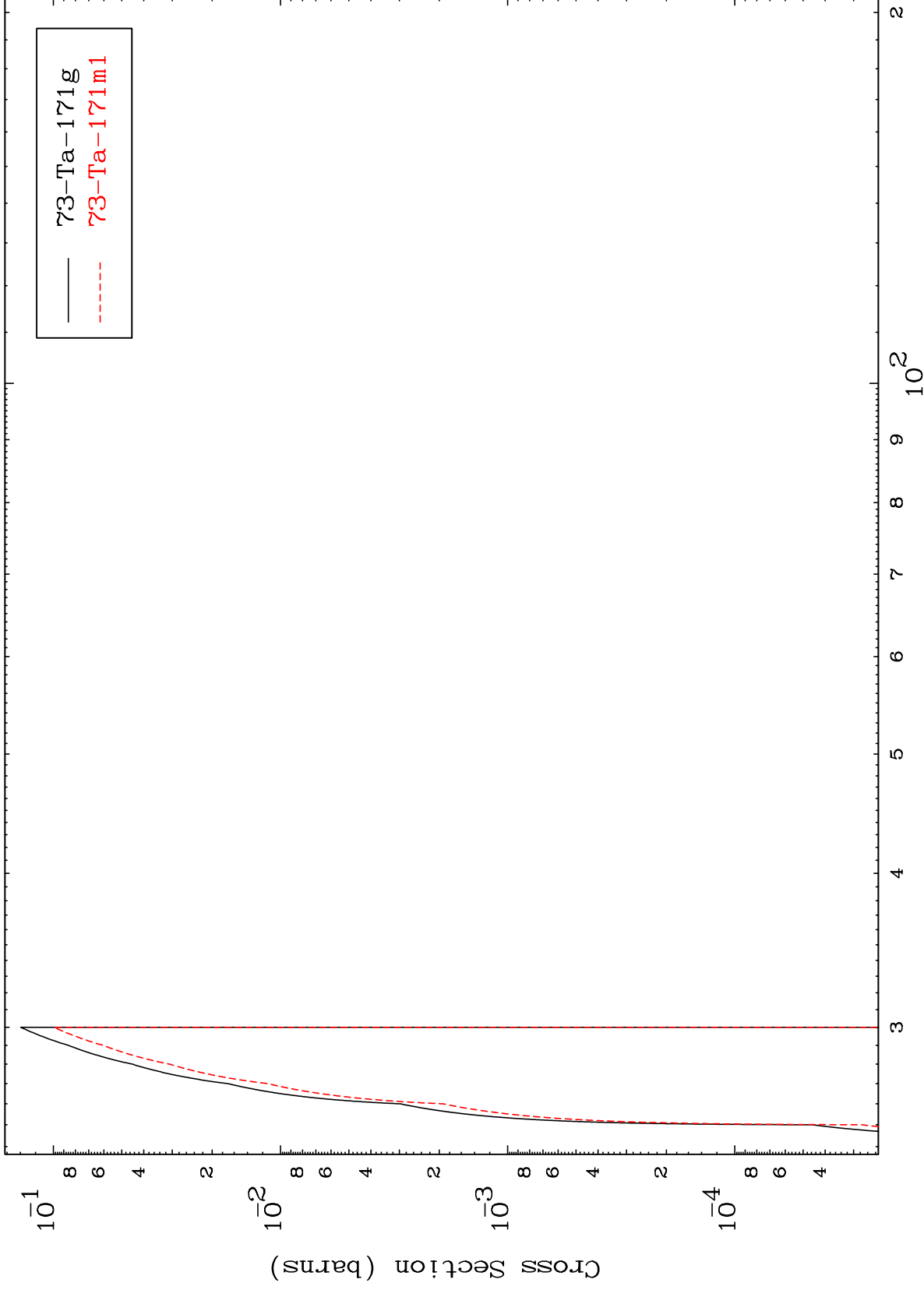
73-Ta-174

MAT 7307

(n,4n)

⁷³Ta-174

Radionuclide Production Cross Section



40

Incident Energy (MeV)

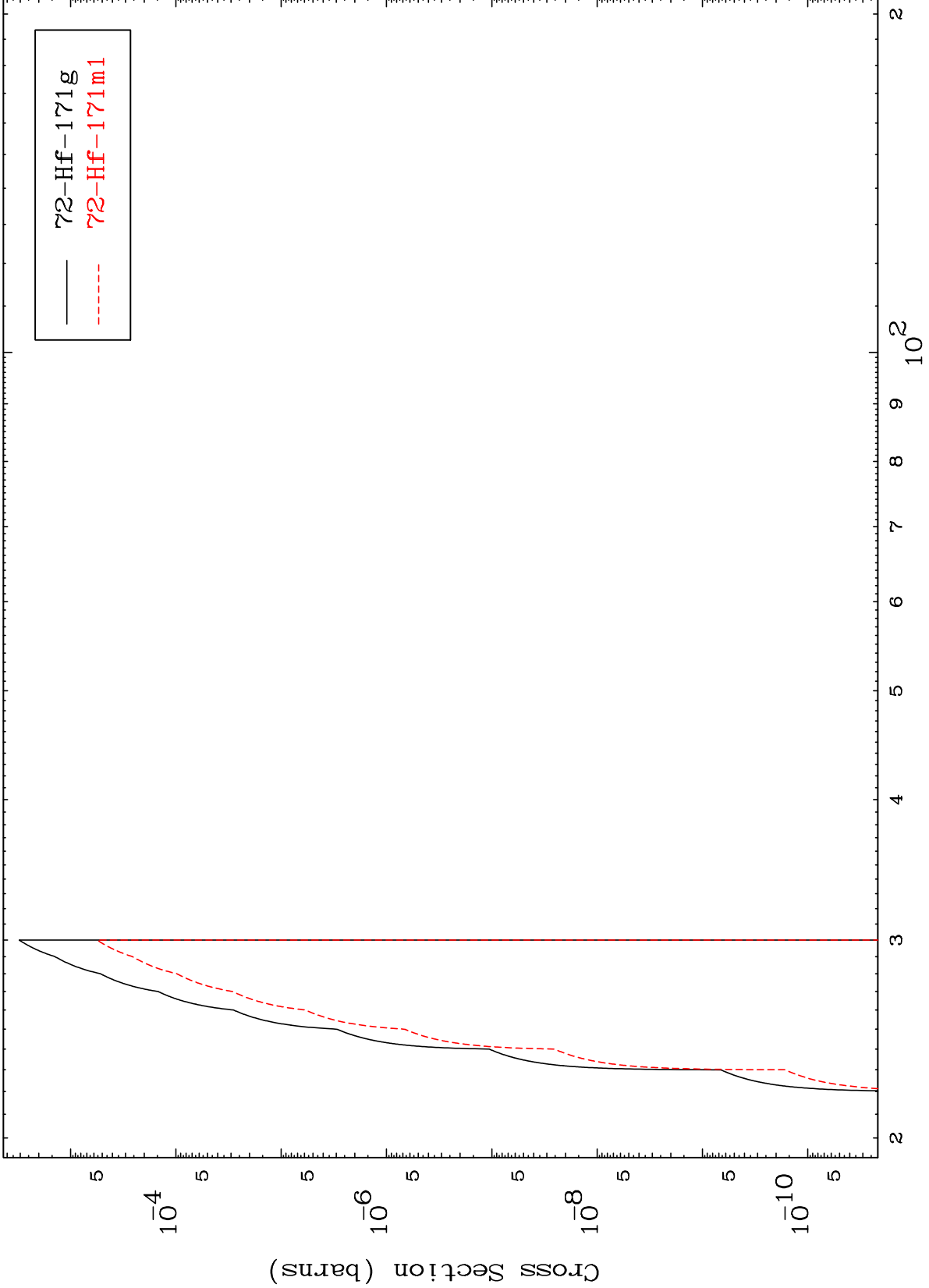
⁷³Ta-174

MAT 7307

(n,3n) p

73-Ta-174

Radionuclide Production Cross Section



41

Incident Energy (MeV)

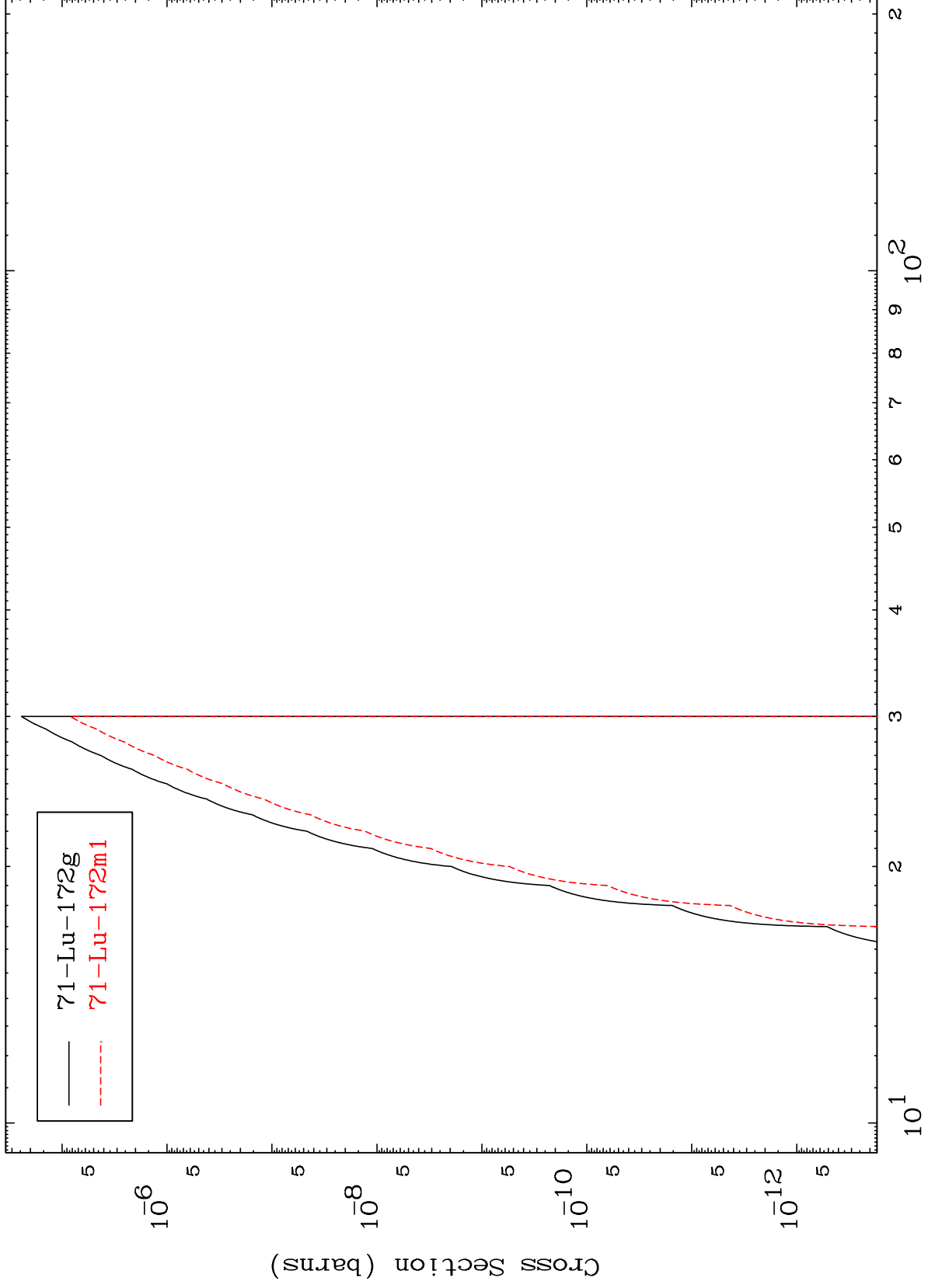
73-Ta-174

MAT 7307

(n,2n) p

73-Ta-174

Radionuclide Production Cross Section



42

Incident Energy (MeV)

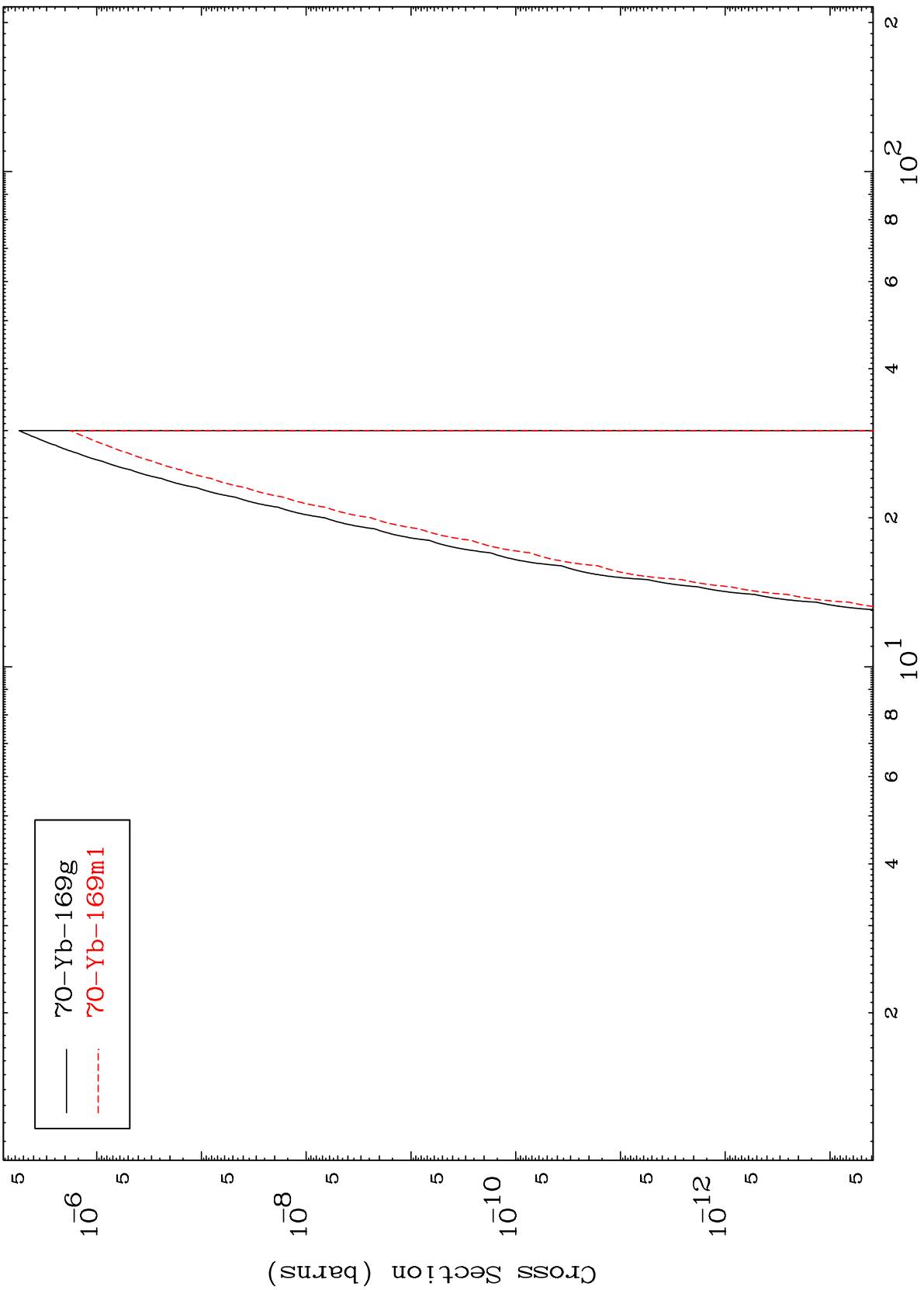
73-Ta-174

MAT 7307

(n,n') p α

73-Ta-174

Radionuclide Production Cross Section



43

Incident Energy (MeV)

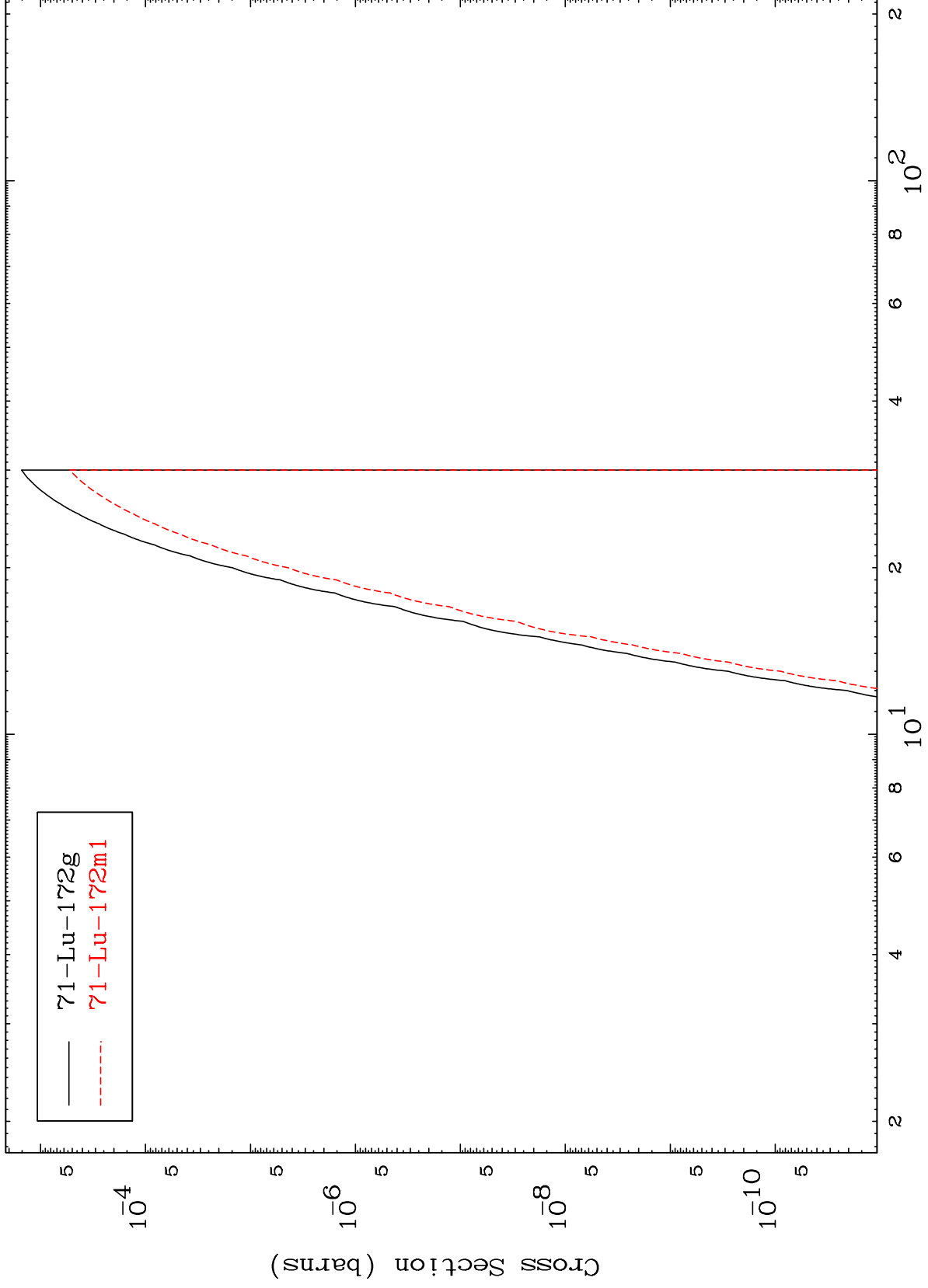
73-Ta-174

MAT 7307

(n,He-3)

73-Ta-174

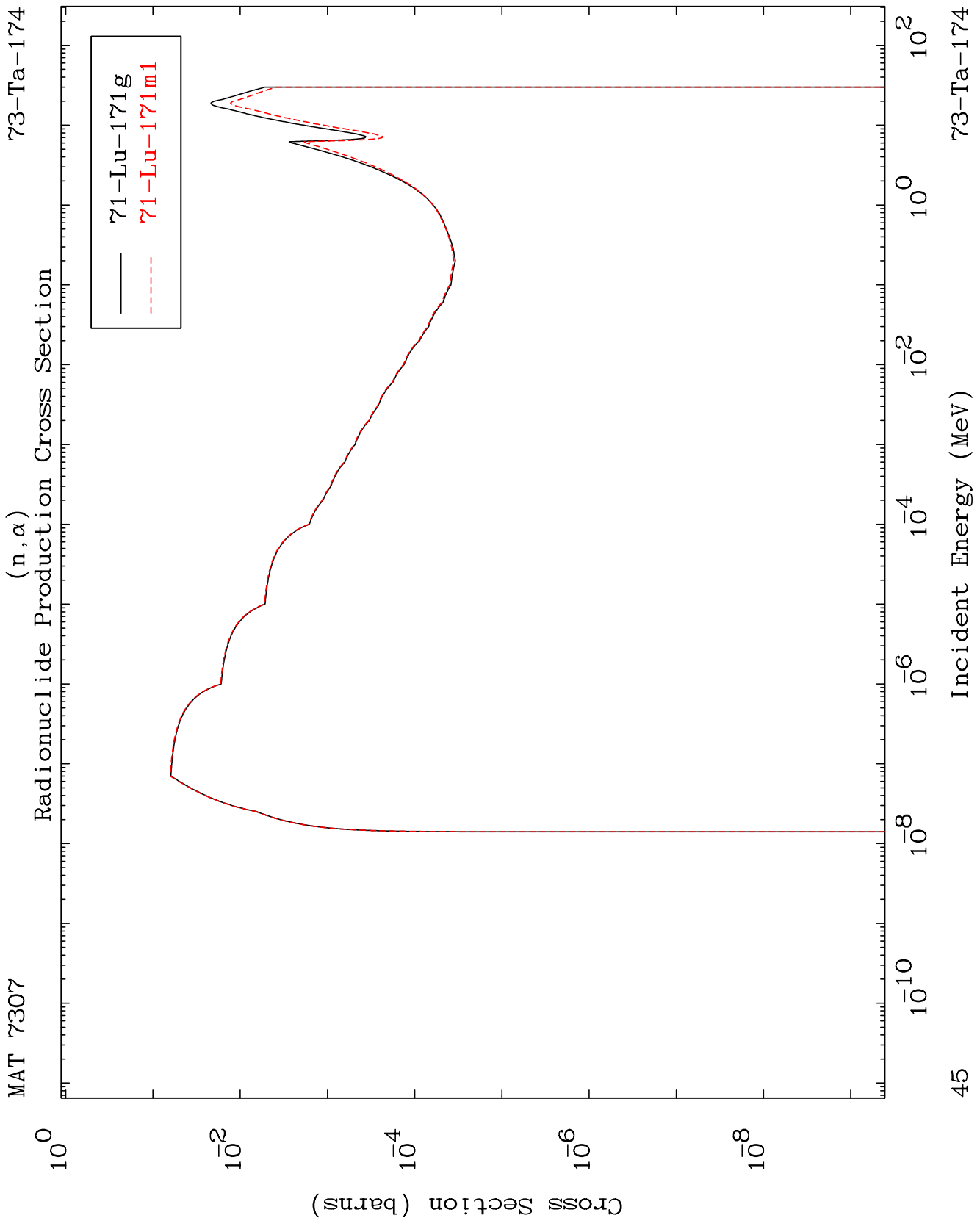
Radionuclide Production Cross Section



44

Incident Energy (MeV)

73-Ta-174

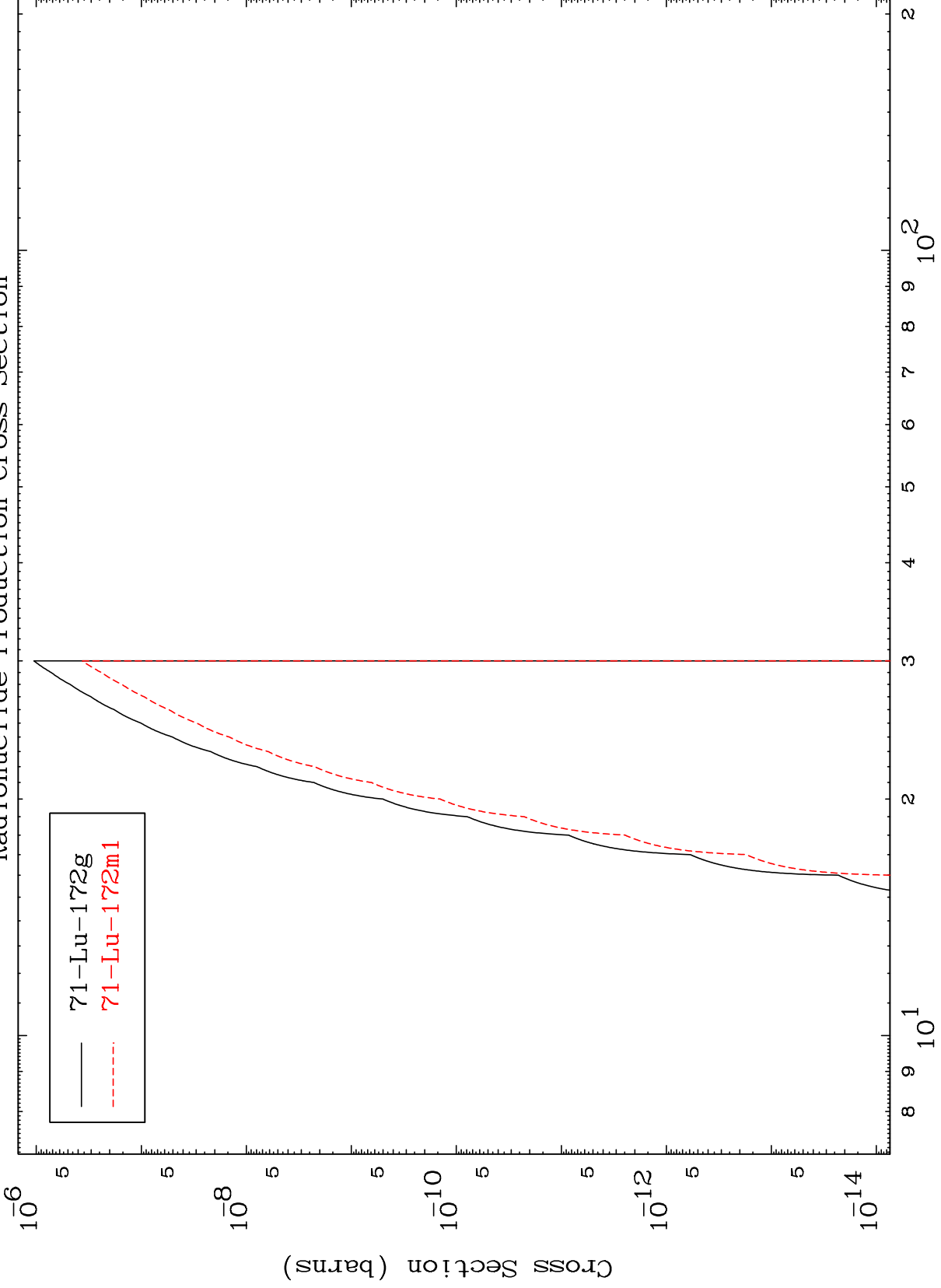


MAT 7307

(n,p) d

73-Ta-174

Radionuclide Production Cross Section



46

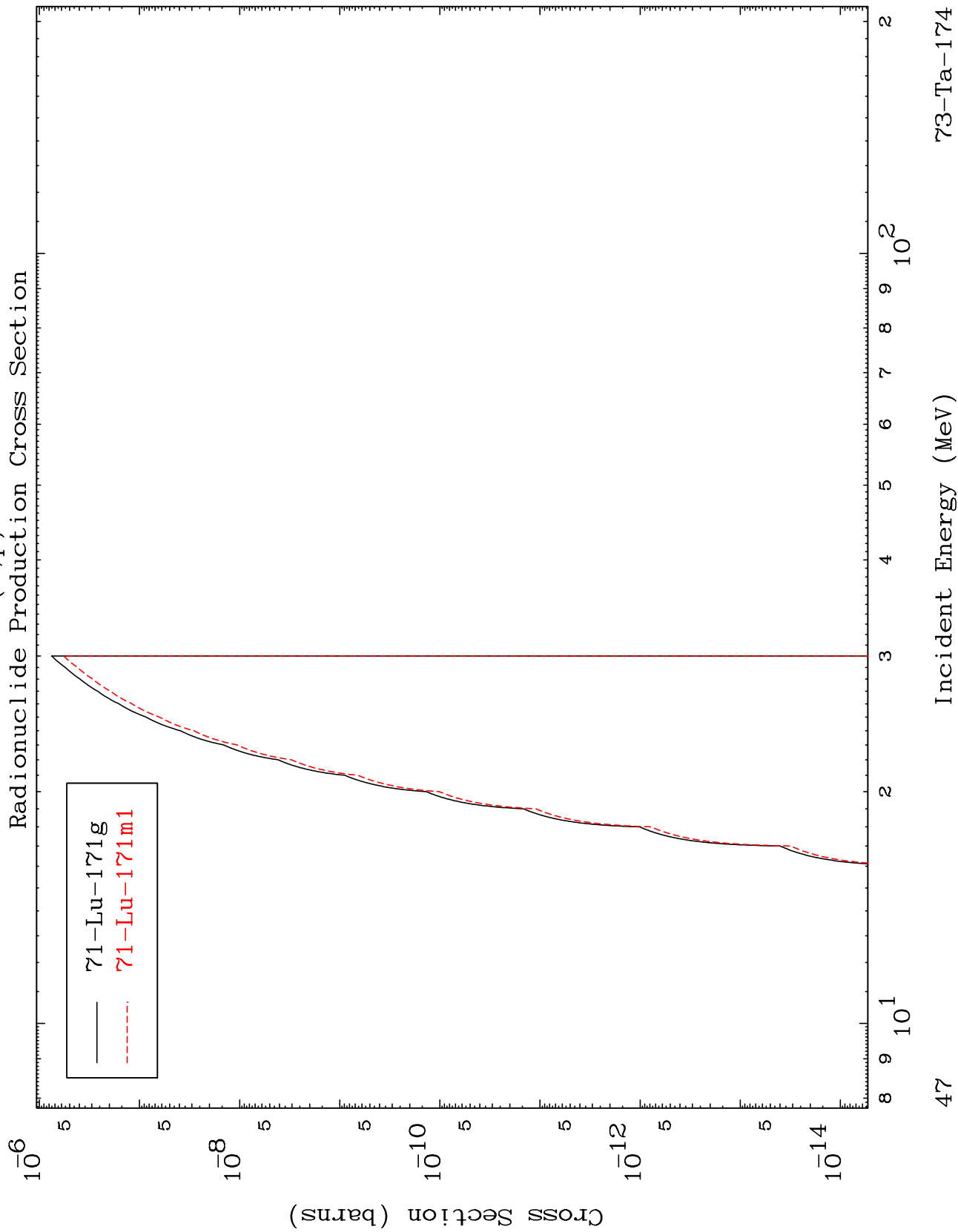
Incident Energy (MeV)

73-Ta-174

MAT 7307

(n,p) t

⁷³Ta-174



MAT 7307

(n,d) α

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

Radionuclide Production Cross Section

