

Program EVALPLOT
(Version 2021-1)

by

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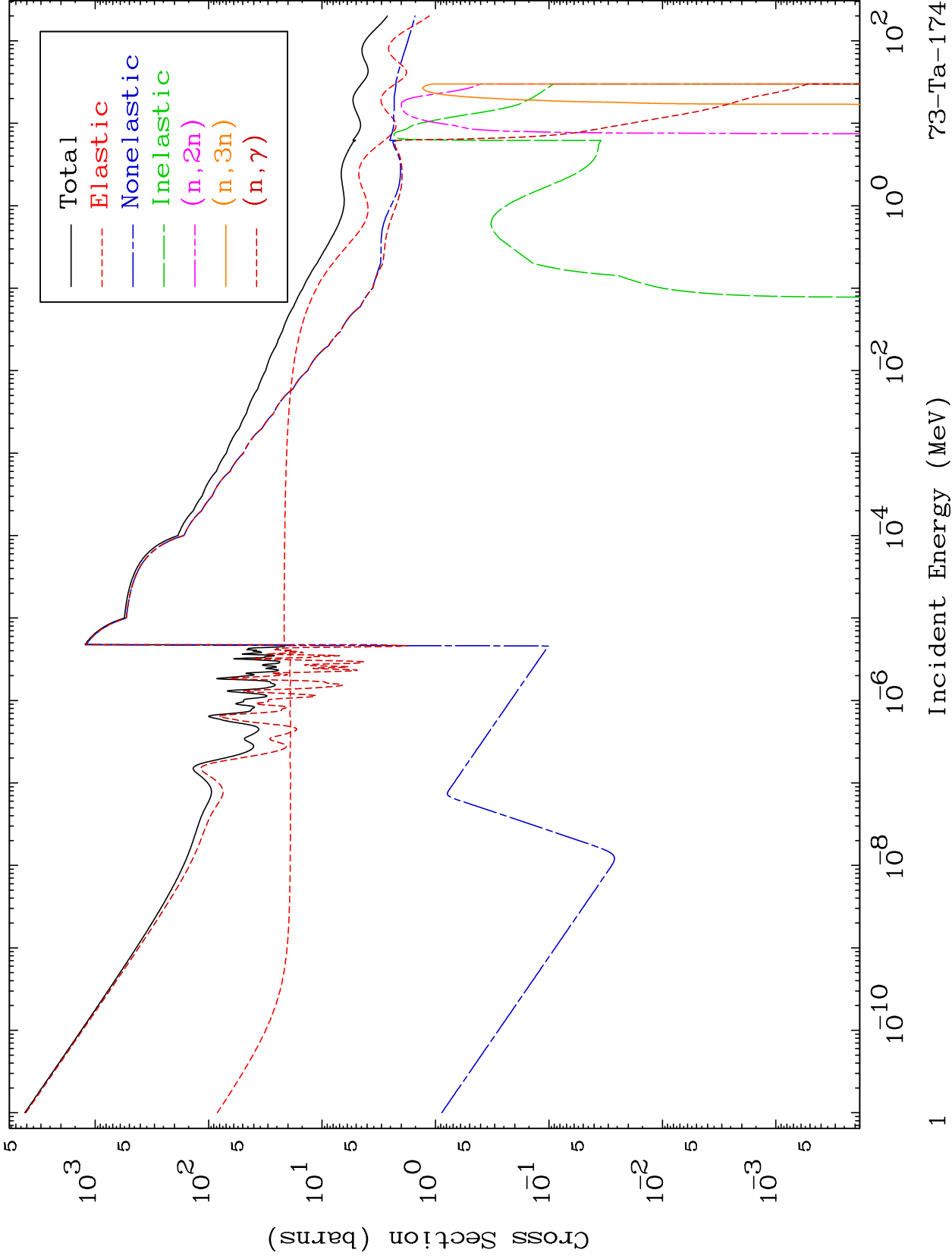
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Press Mouse Button to Start

MAT 7307

Neutron Major
293 Kelvin Cross Sections

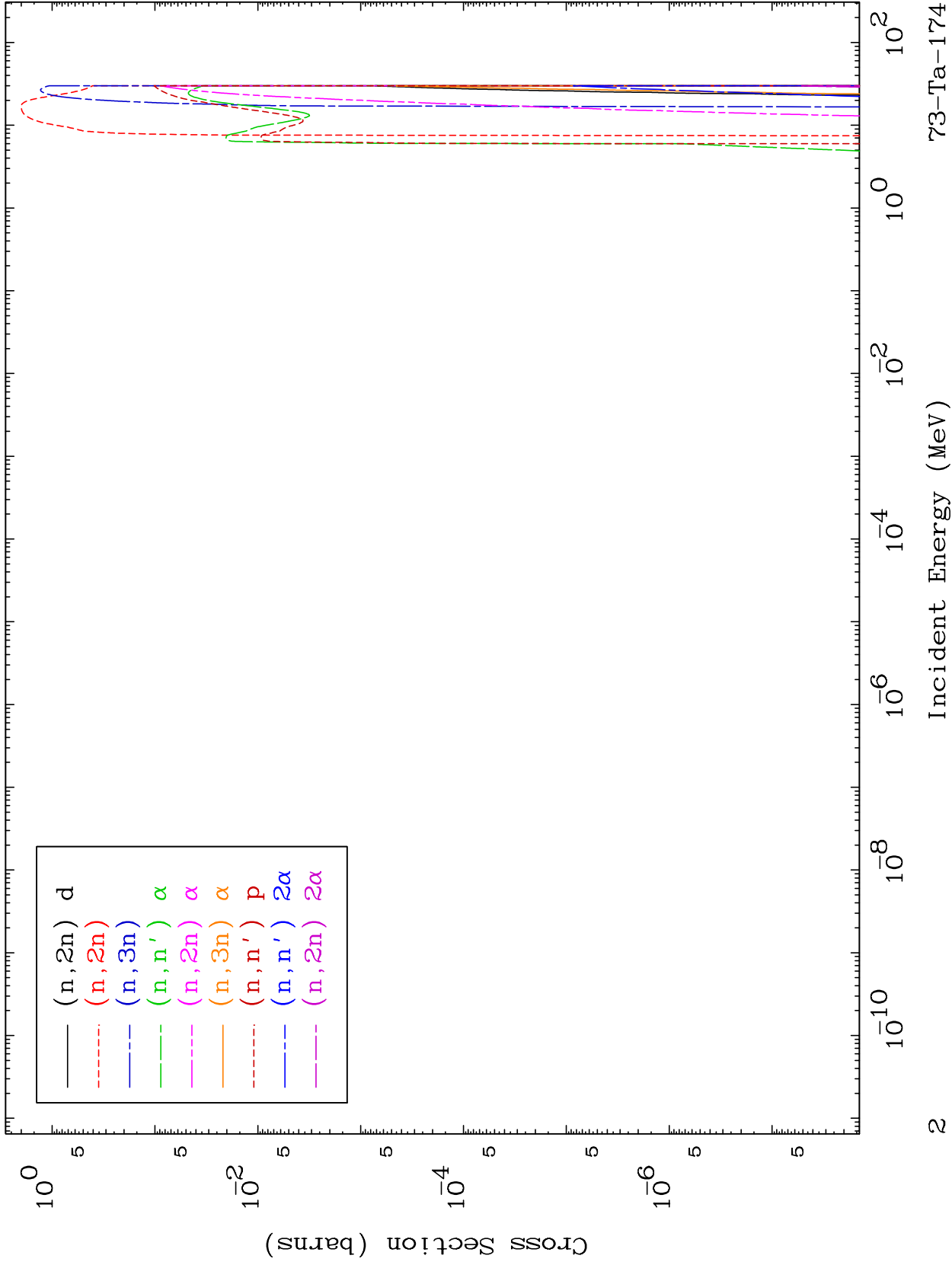
73-Ta-174



MAT 7307

Neutron Absorption
293 Kelvin Cross Sections

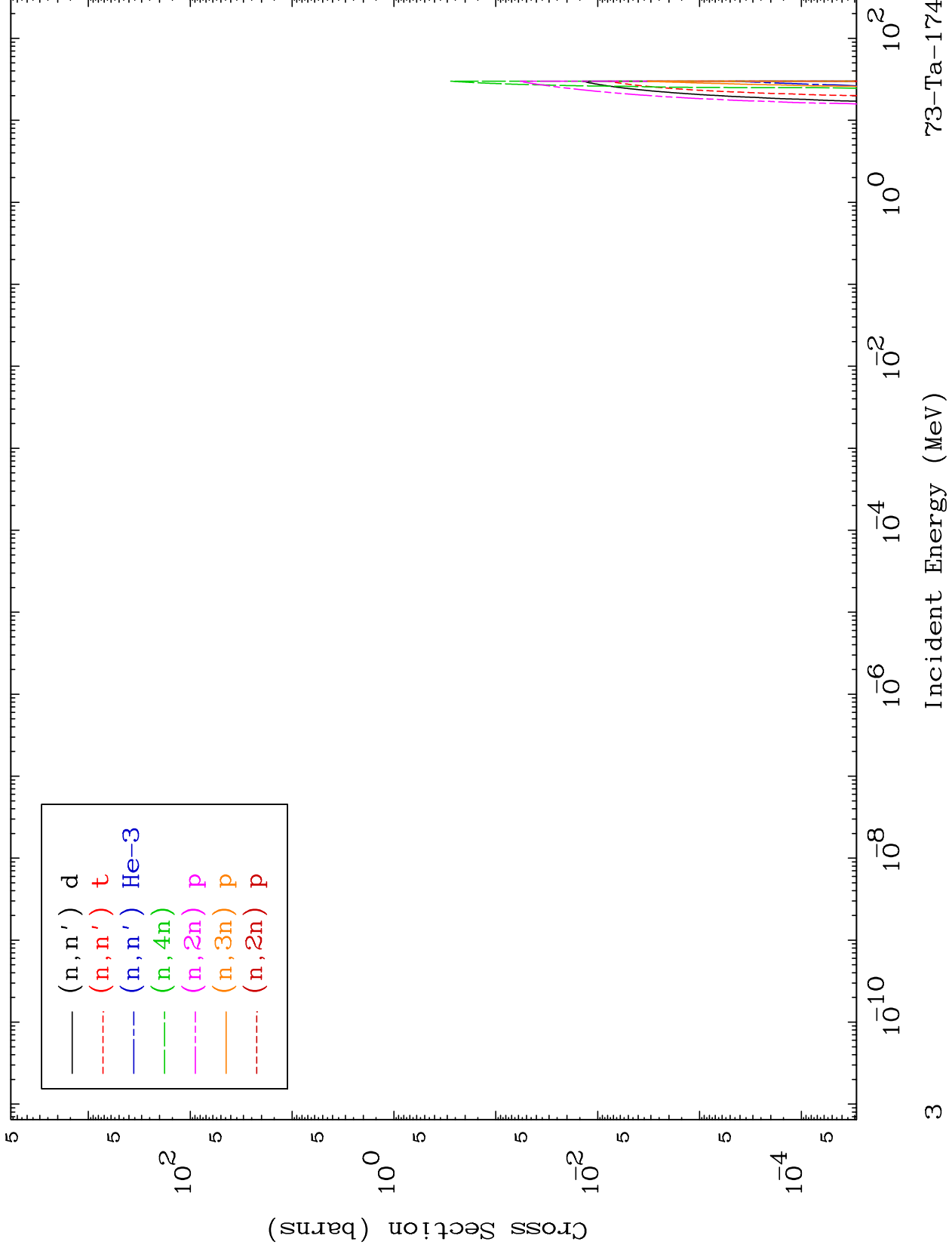
73-Ta-174

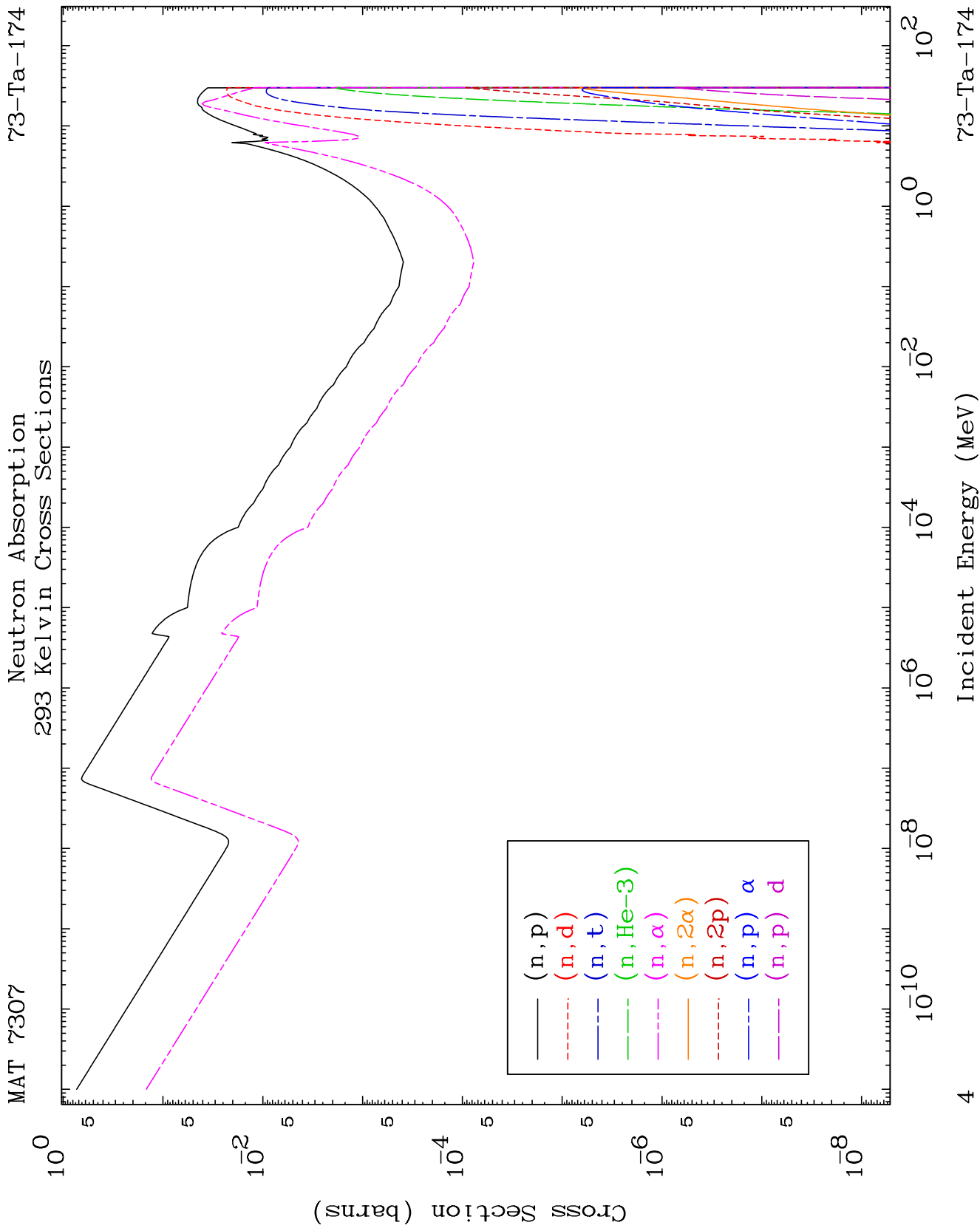


MAT 7307

Neutron Absorption
293 Kelvin Cross Sections

73-Ta-174

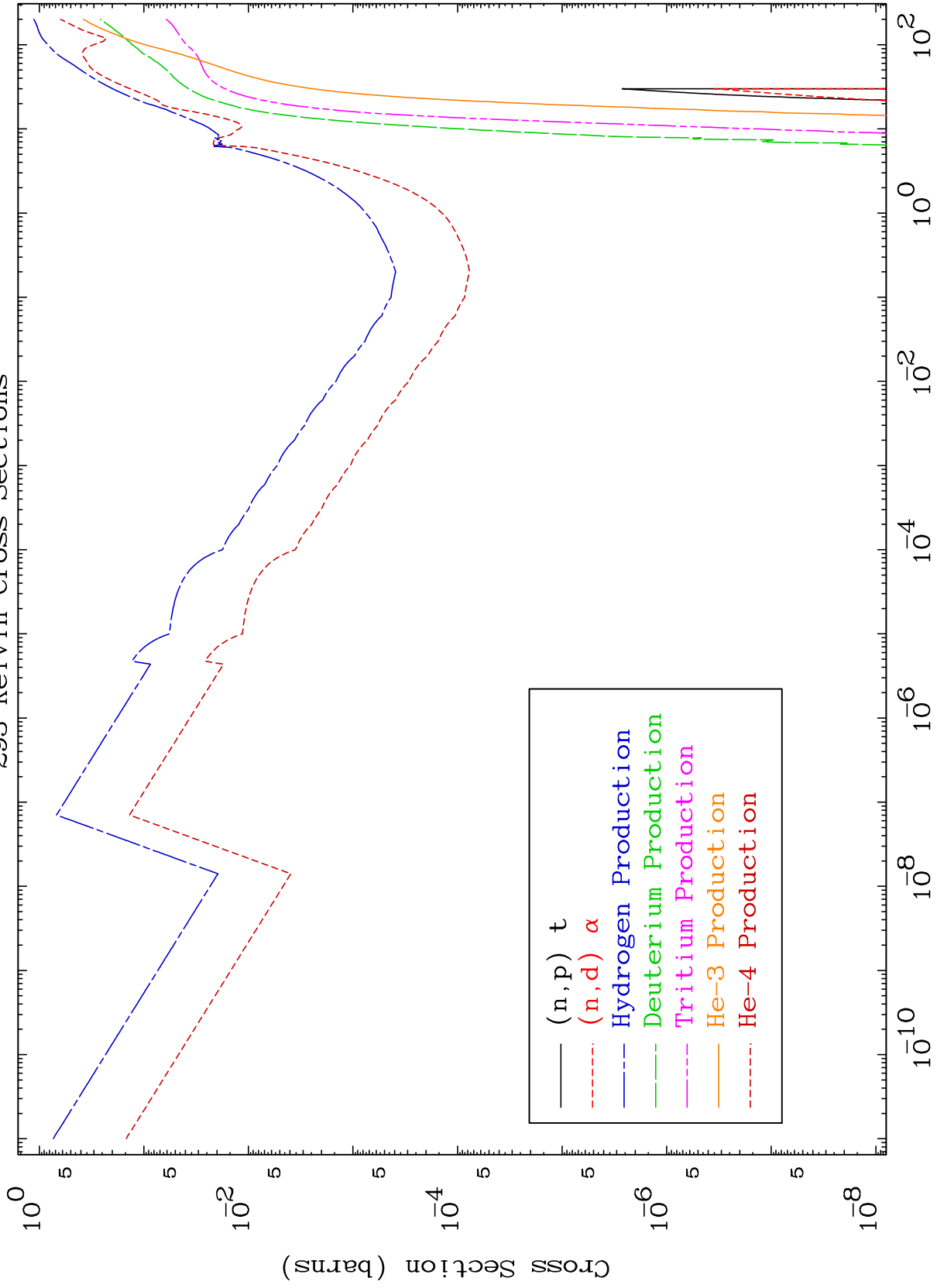




MAT 7307

Neutron Absorption
293 Kelvin Cross Sections

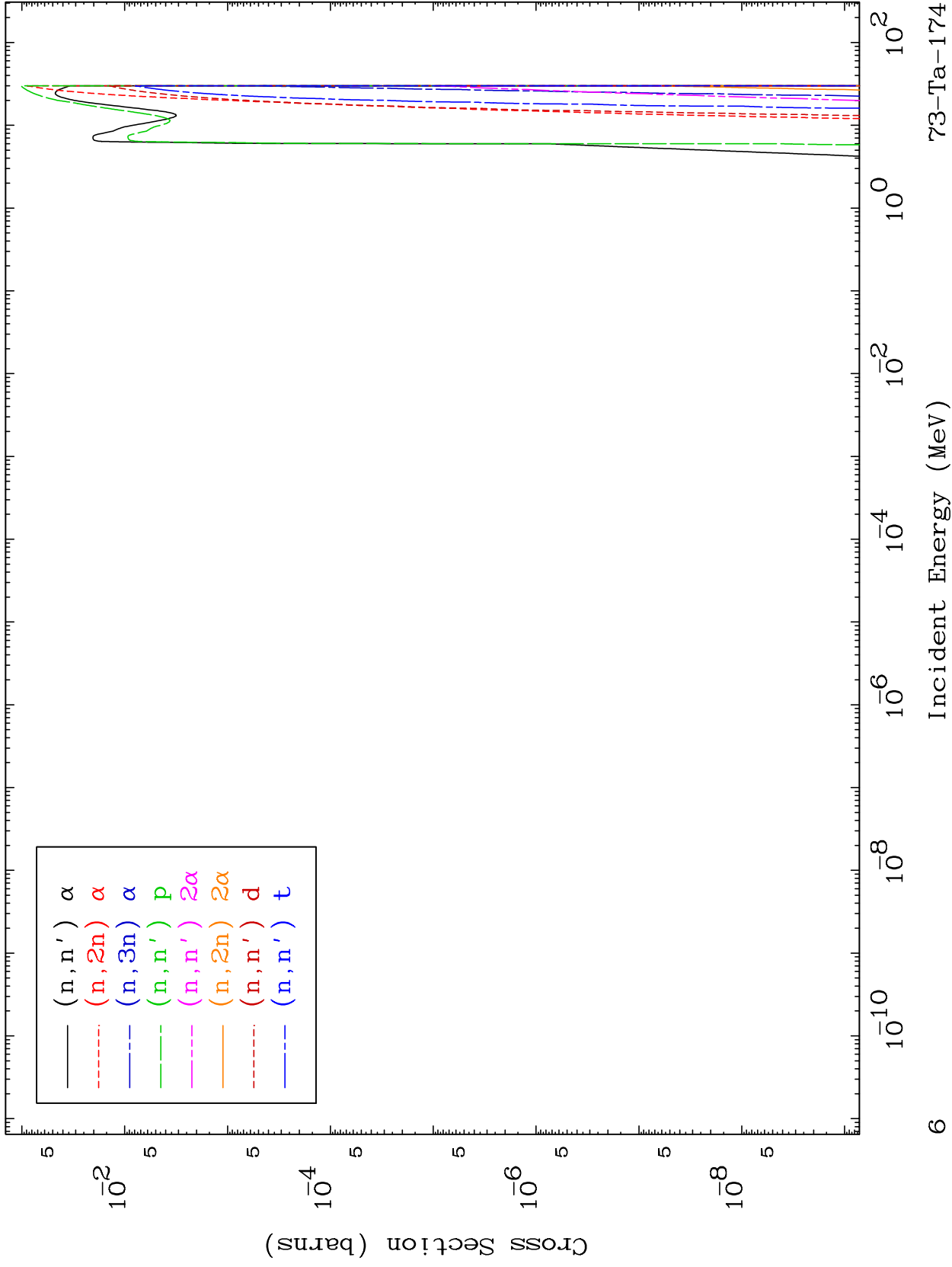
73-Ta-174

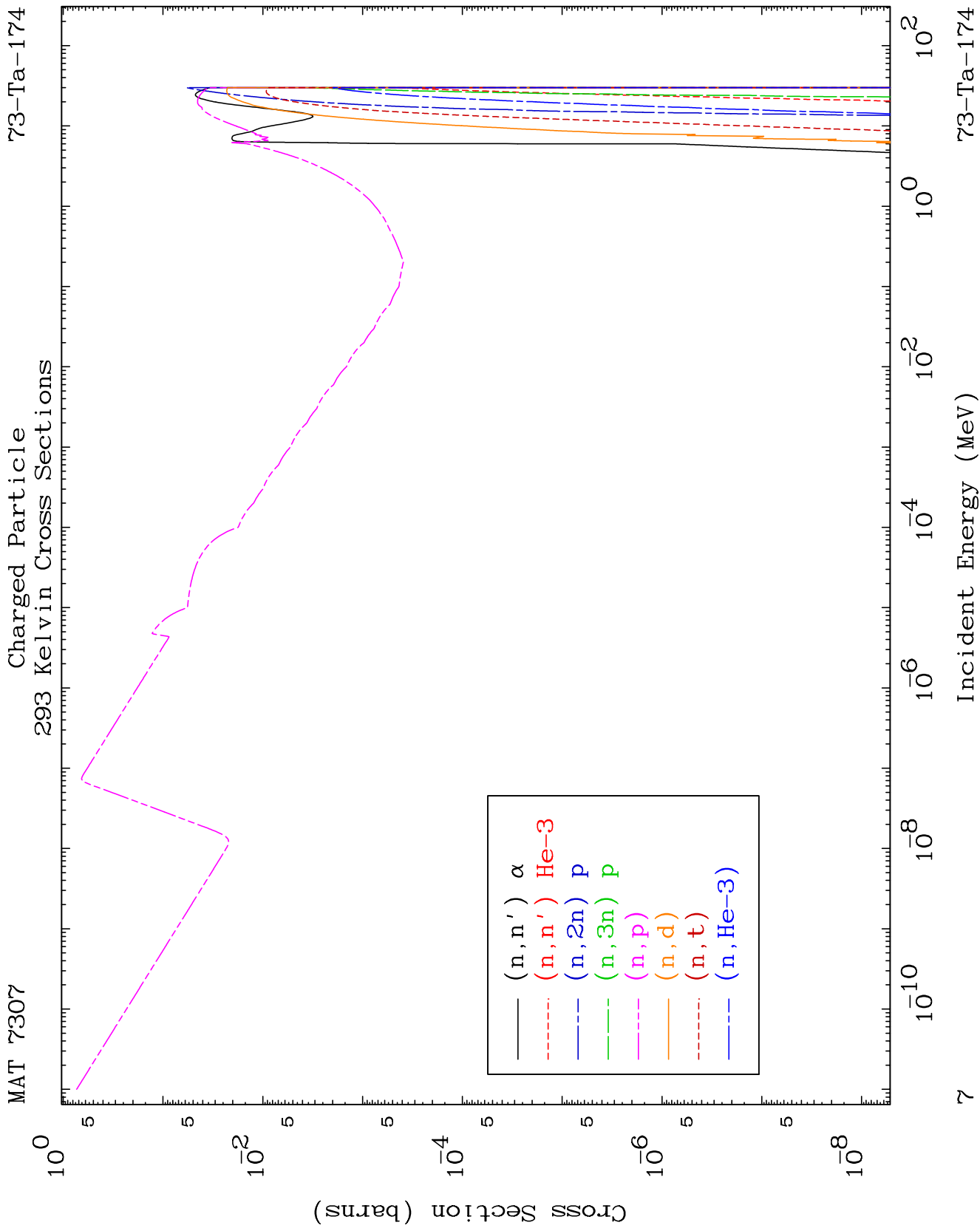


MAT 7307

Charged Particle
293 Kelvin Cross Sections

73-Ta-174

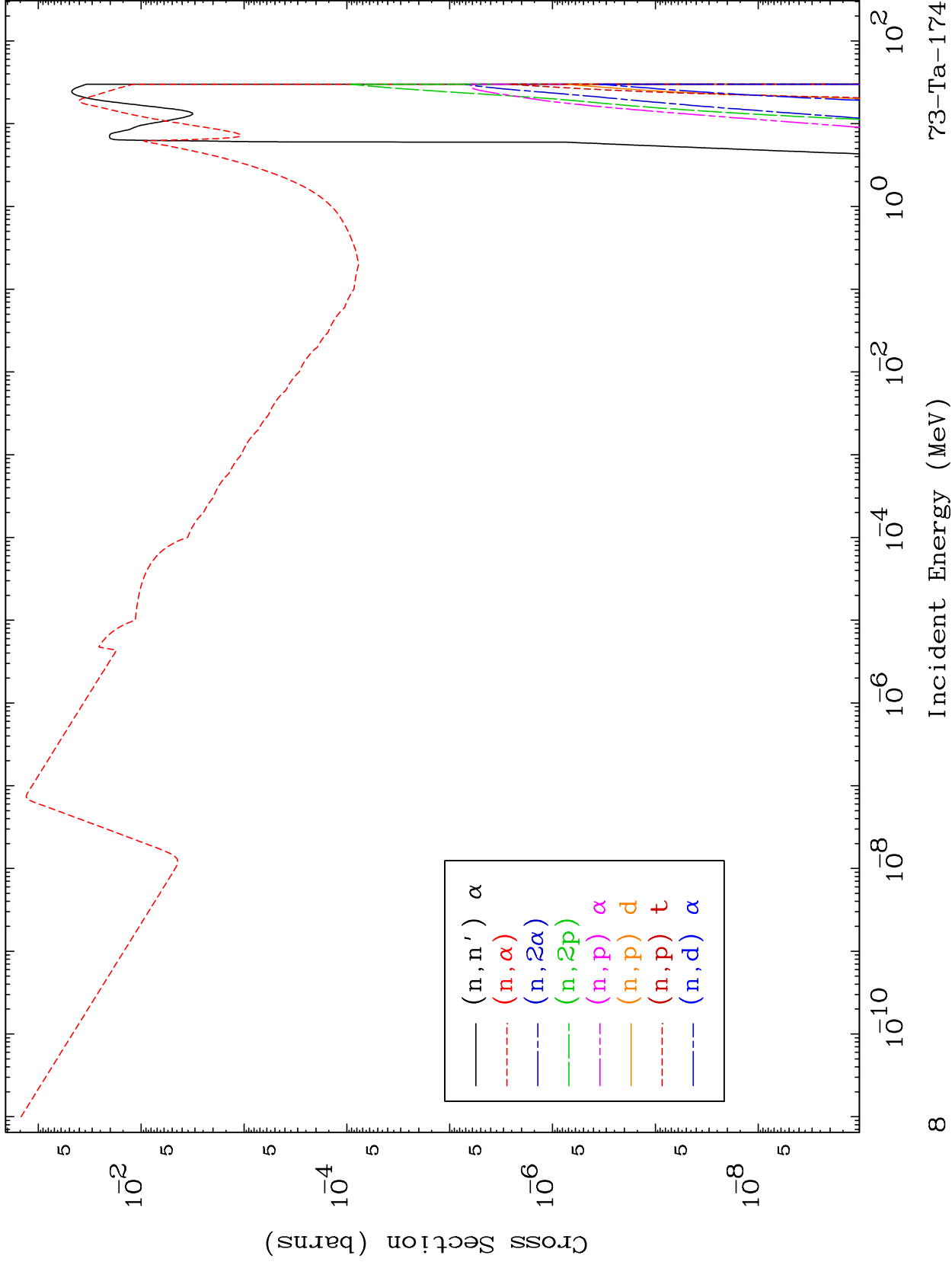




MAT 7307

Charged Particle
293 Kelvin Cross Sections

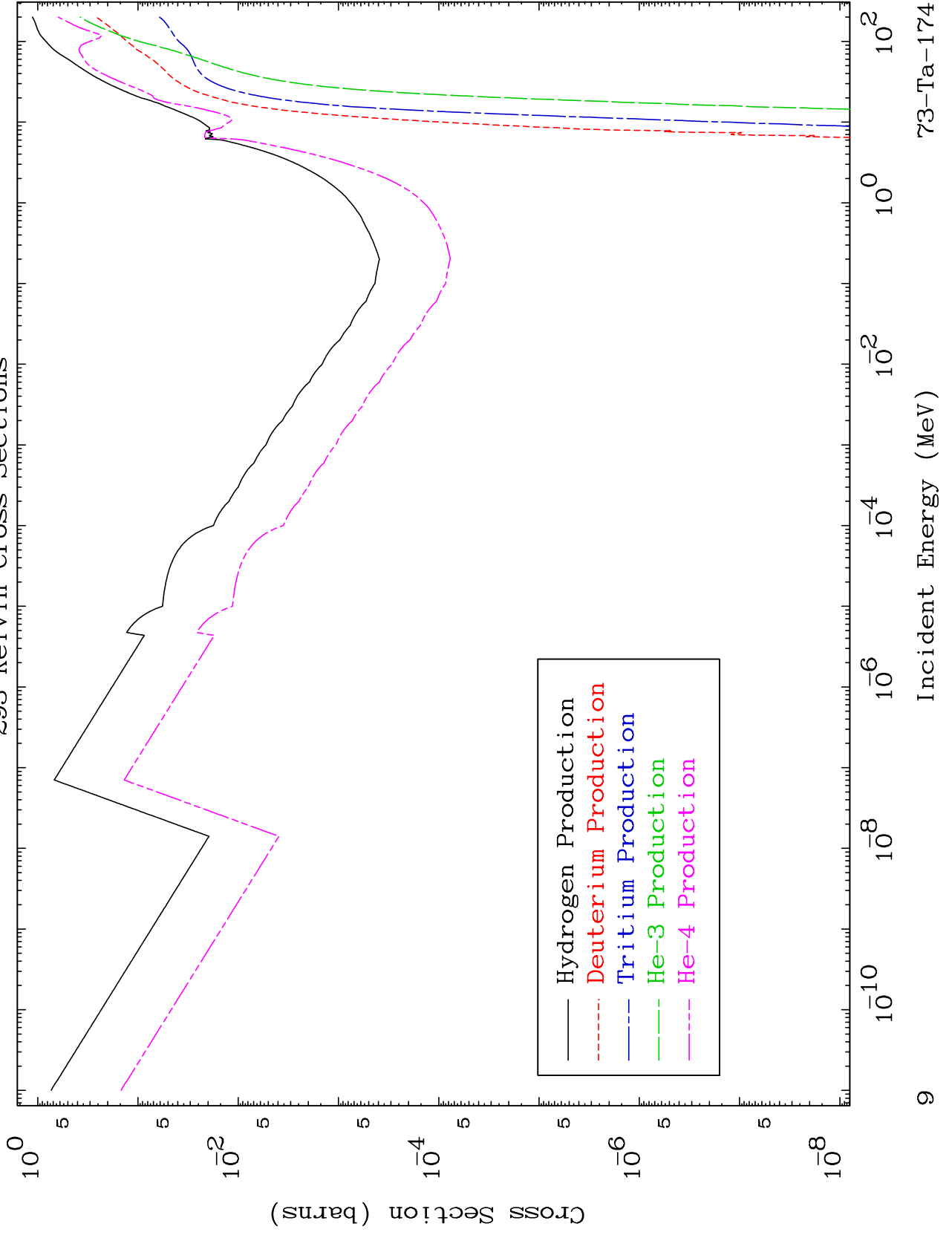
73-Ta-174



MAT 7307

Particle Production
293 Kelvin Cross Sections

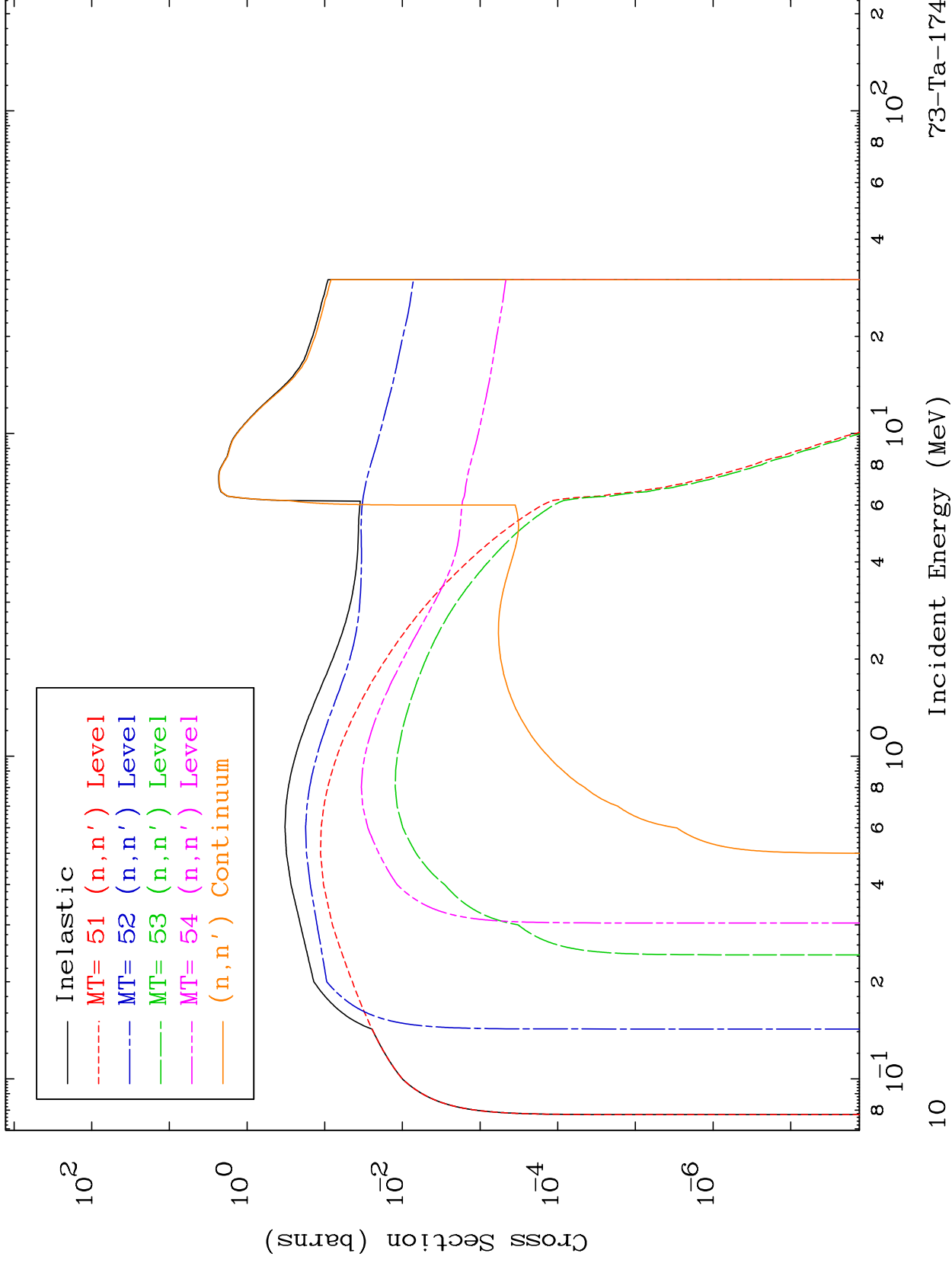
73-Ta-174



MAT 7307

(n,n') Levels
293 Kelvin Cross Sections

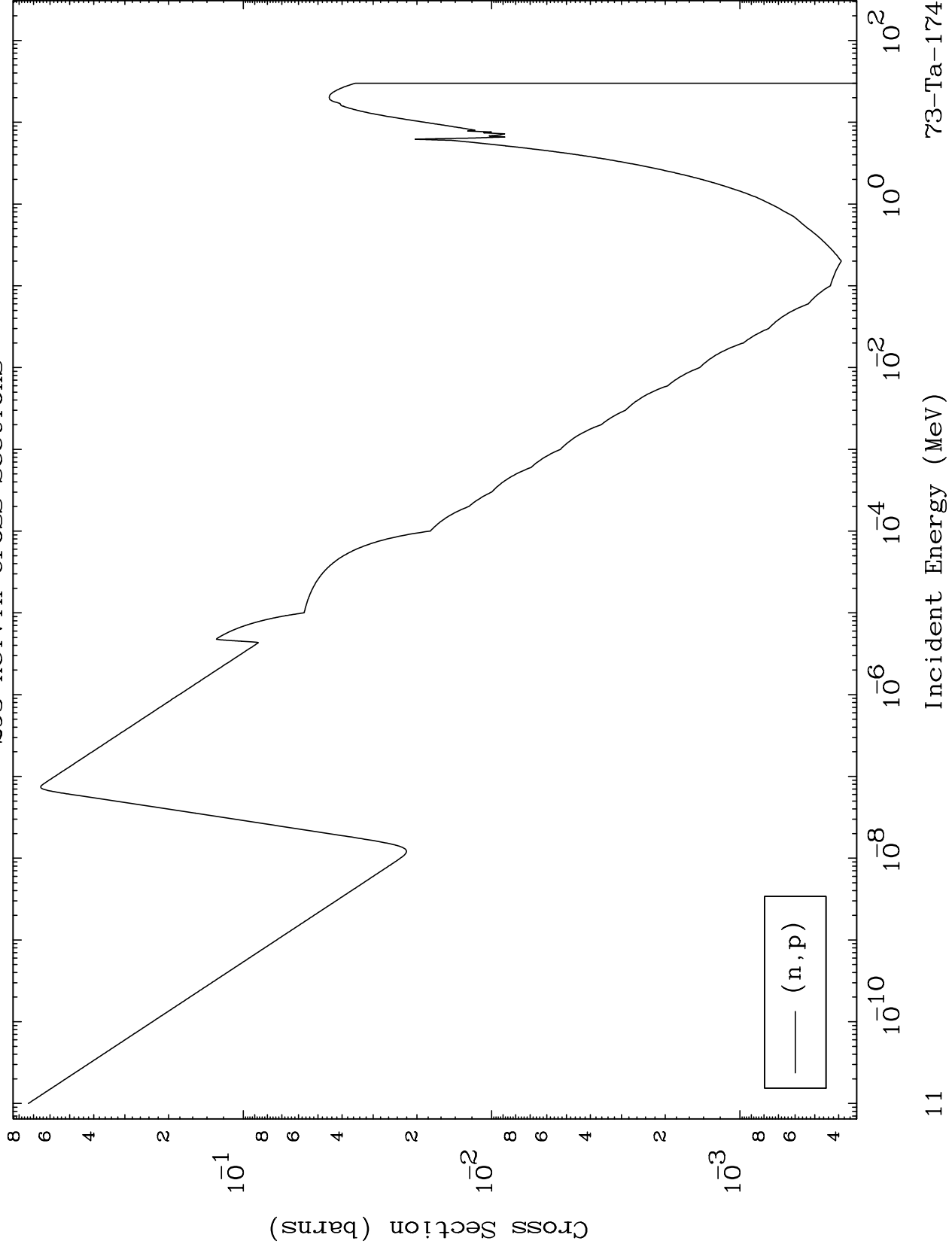
73-Ta-174



MAT 7307

(n,p) Levels
293 Kelvin Cross Sections

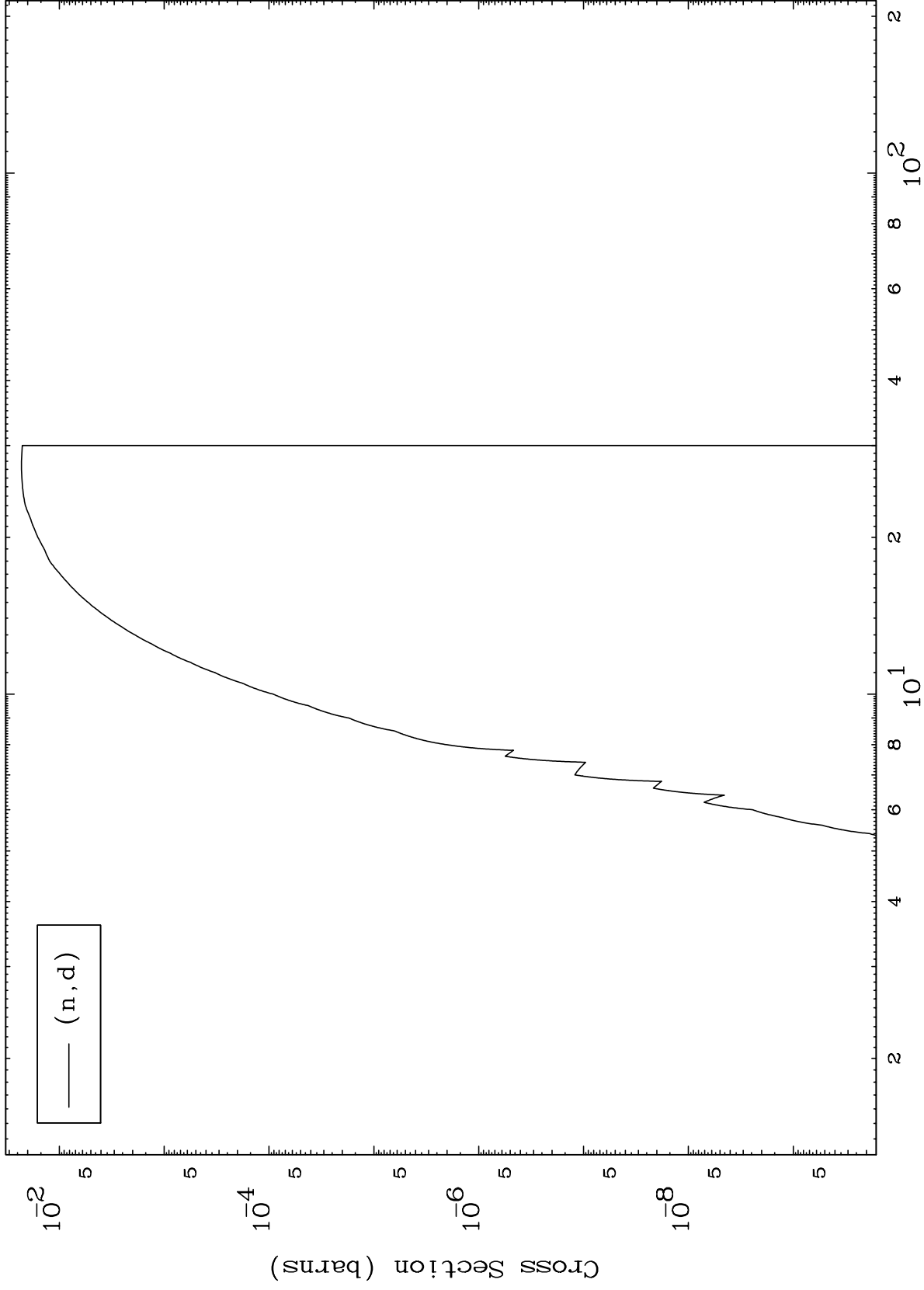
73-Ta-174



MAT 7307

(n,d) Levels
293 Kelvin Cross Sections

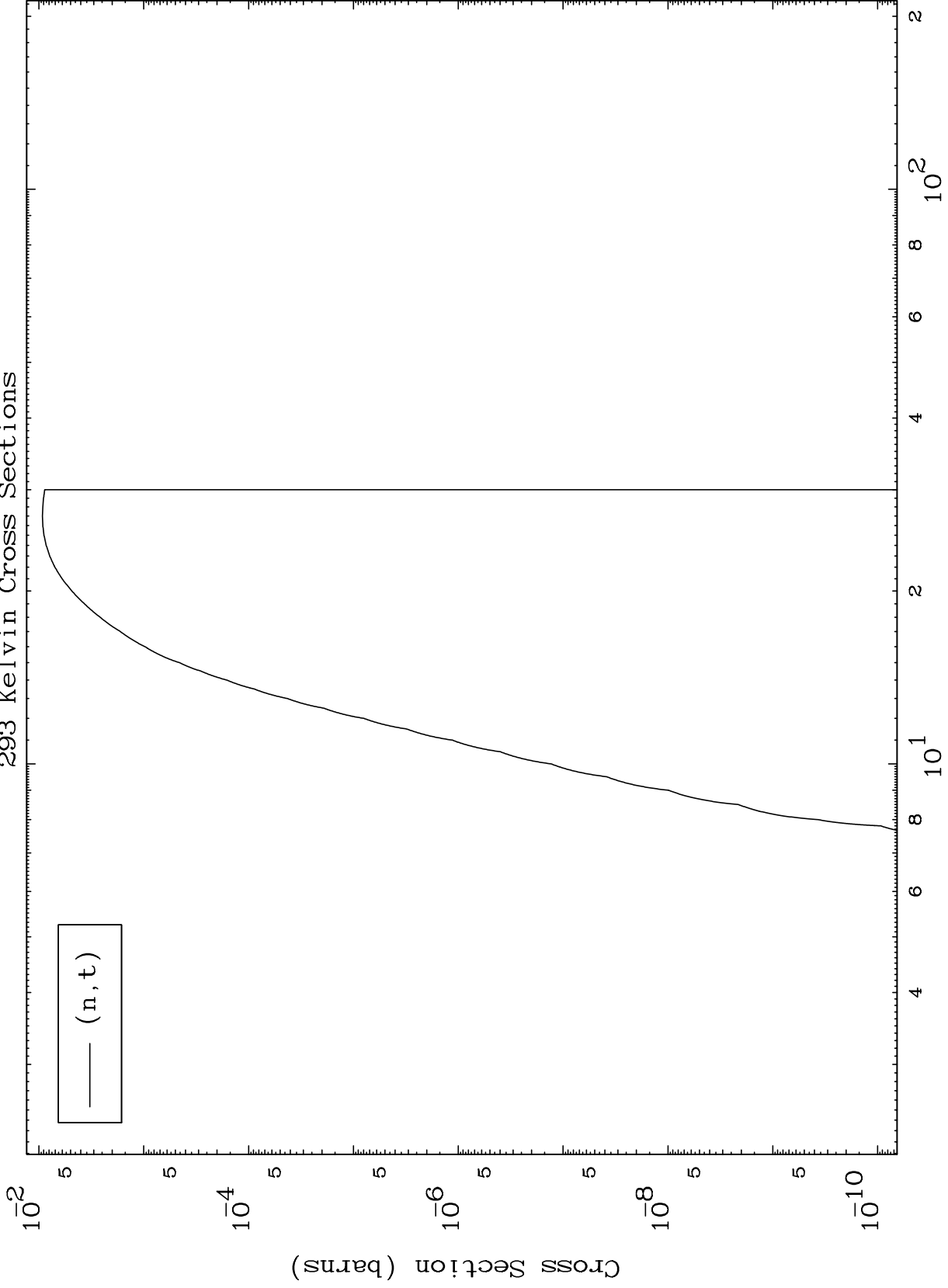
73-Ta-174



MAT 7307

(n,t) Levels
293 Kelvin Cross Sections

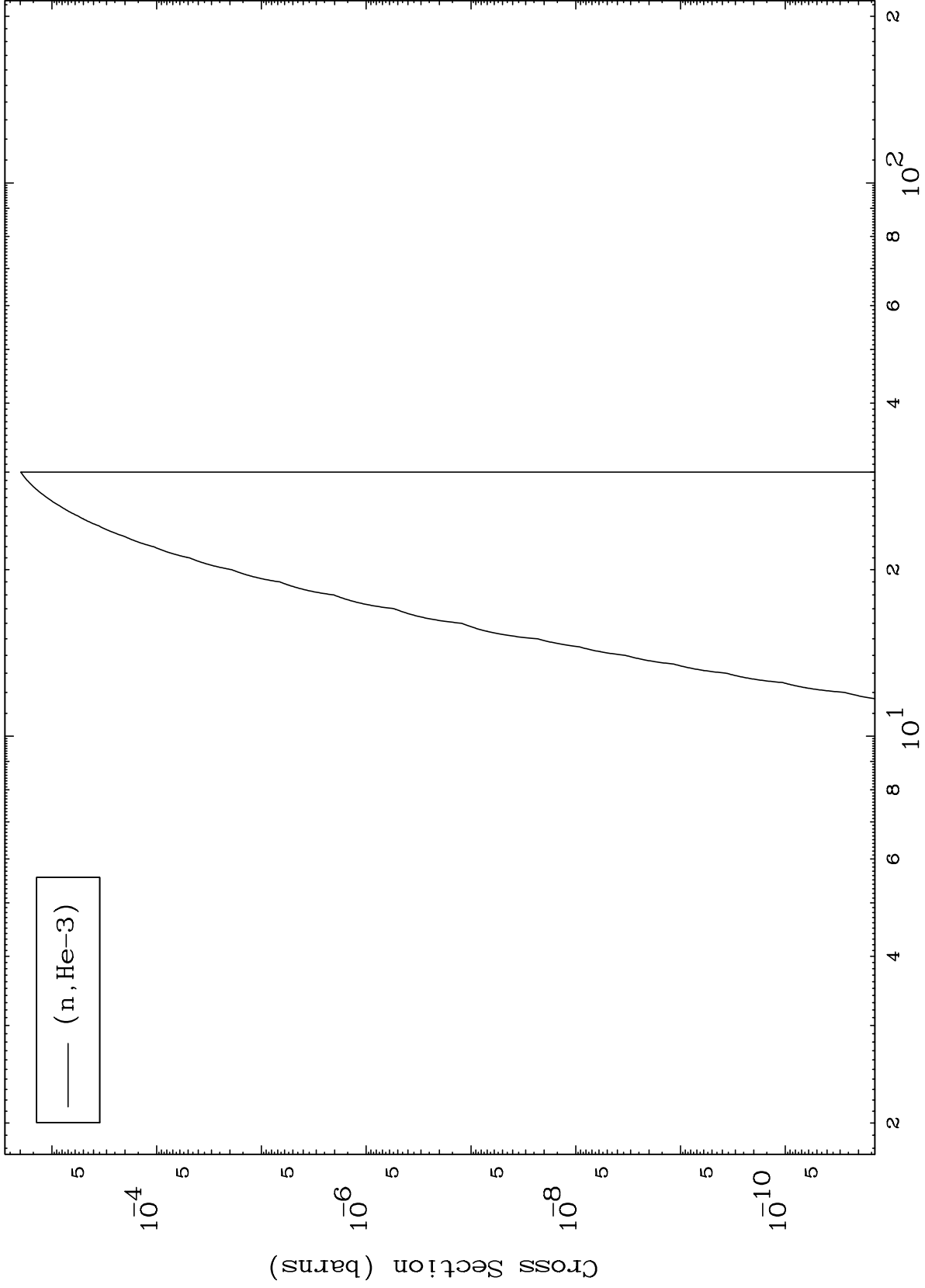
73-Ta-174



MAT 7307

(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-174



14

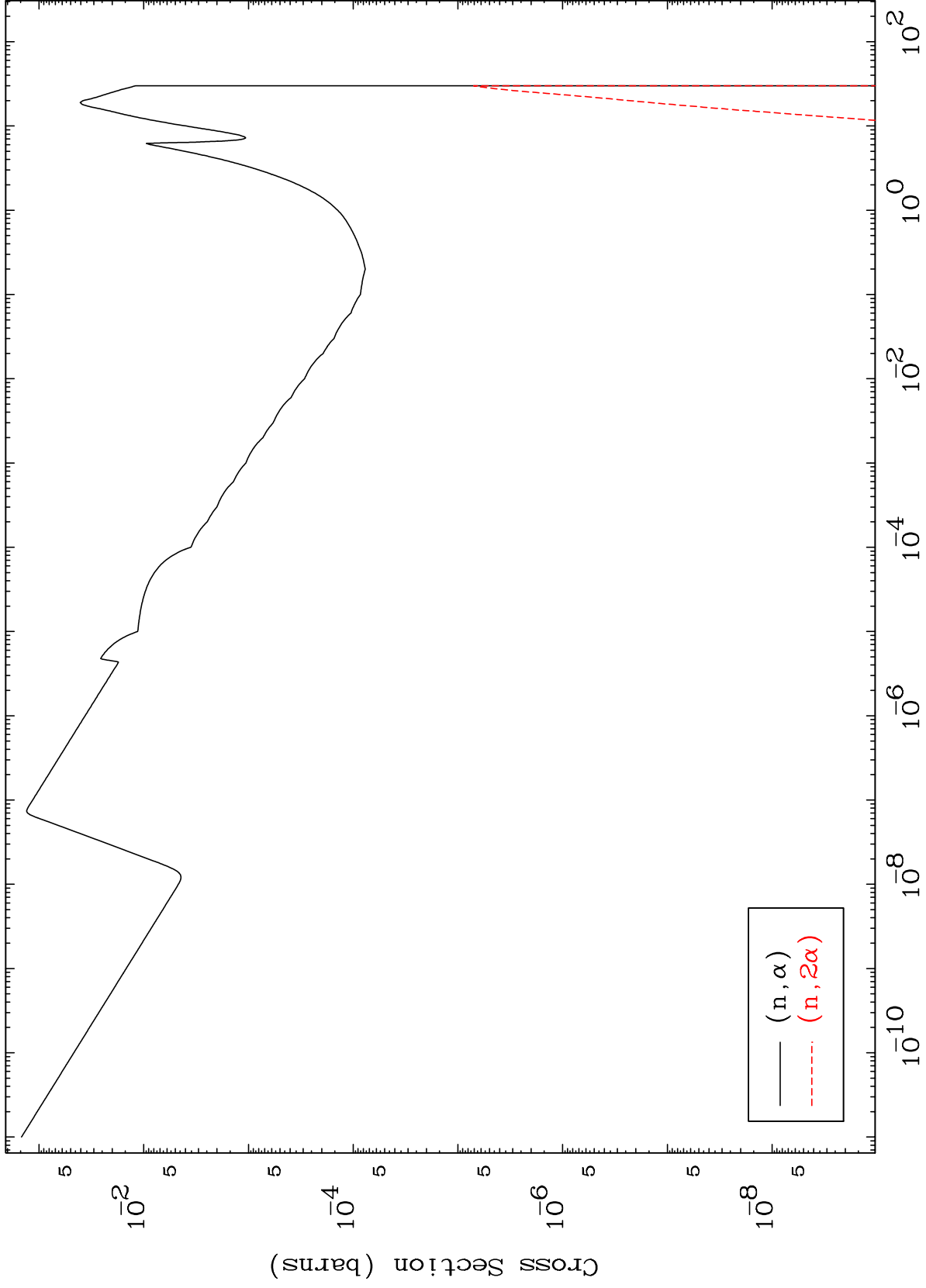
Incident Energy (MeV)

73-Ta-174

MAT 7307

(n, α) Levels
293 Kelvin Cross Sections

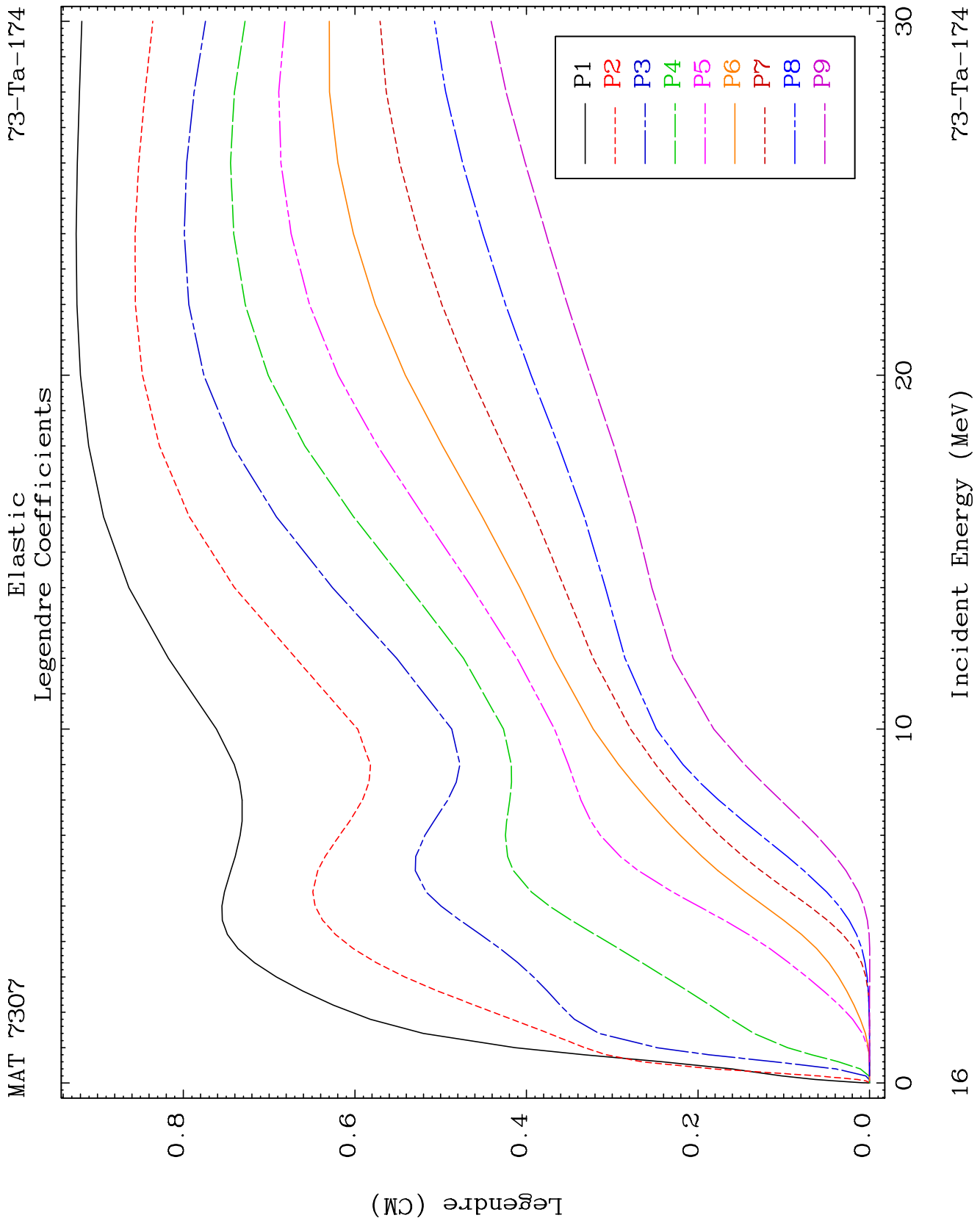
73-Ta-174

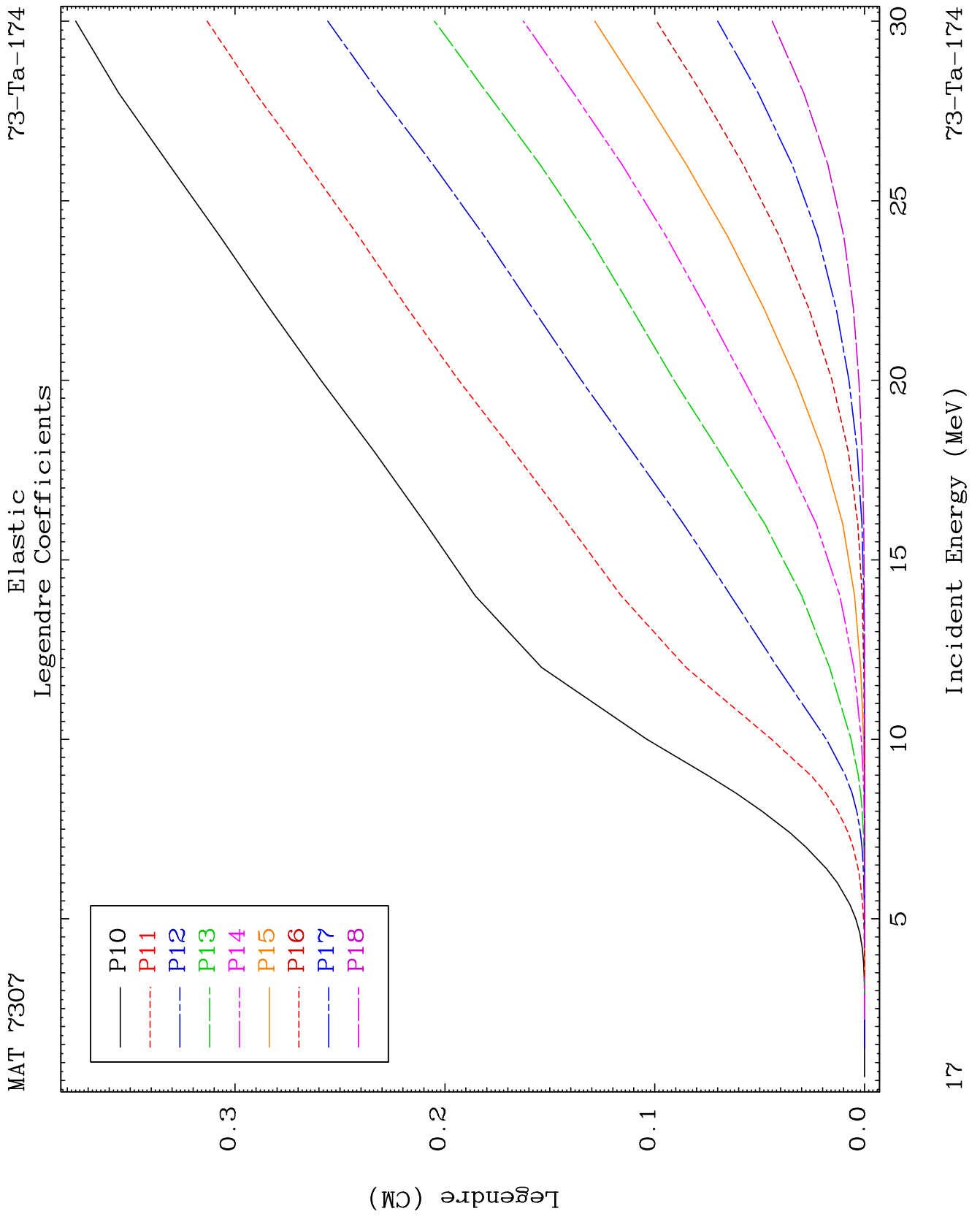


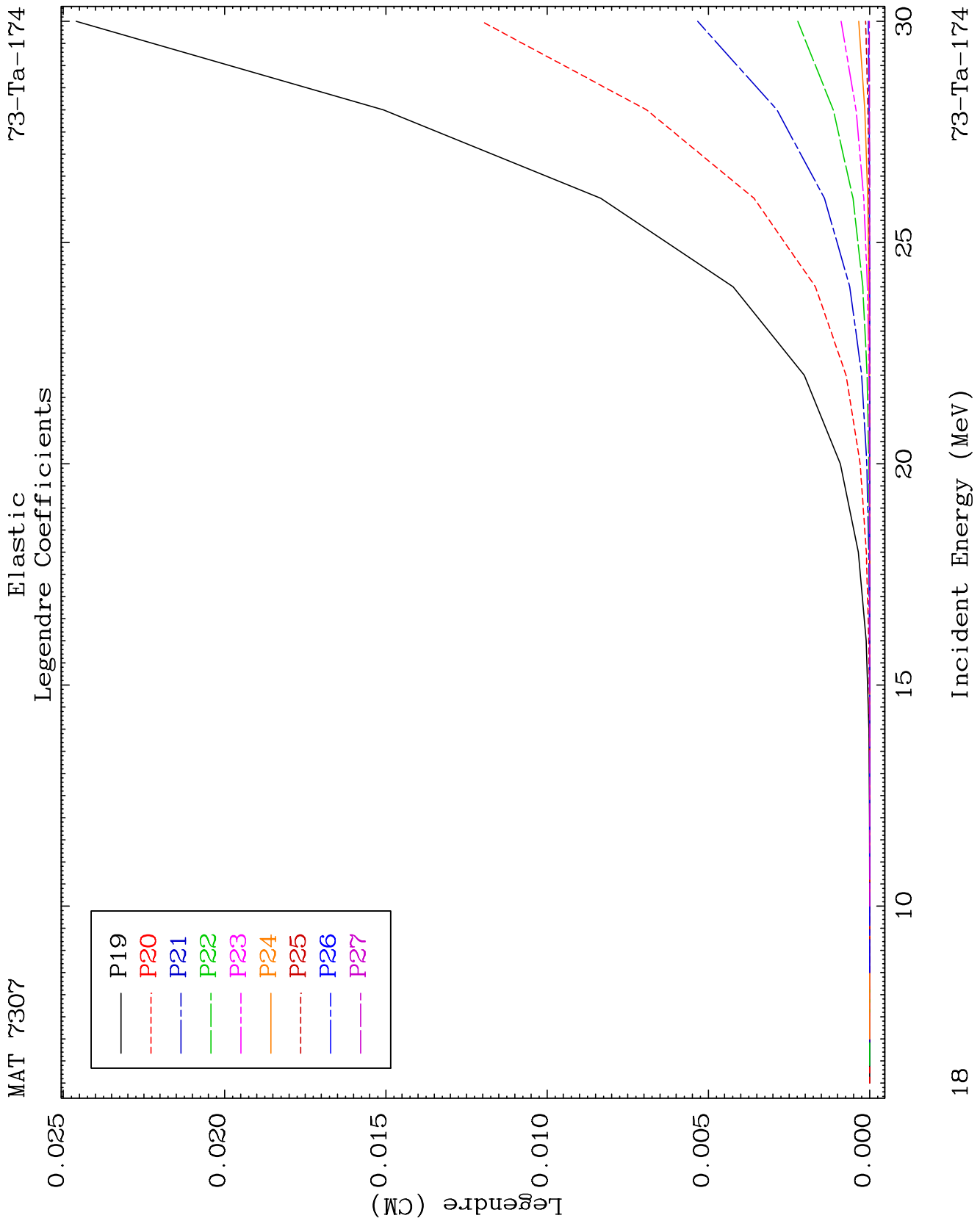
15

Incident Energy (MeV)

73-Ta-174



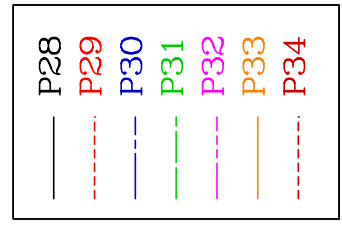




MAT 7307

Elastic
Legendre Coefficients

73-Ta-174



$\times 10^{-6}$

Legendre (CM)

10

15

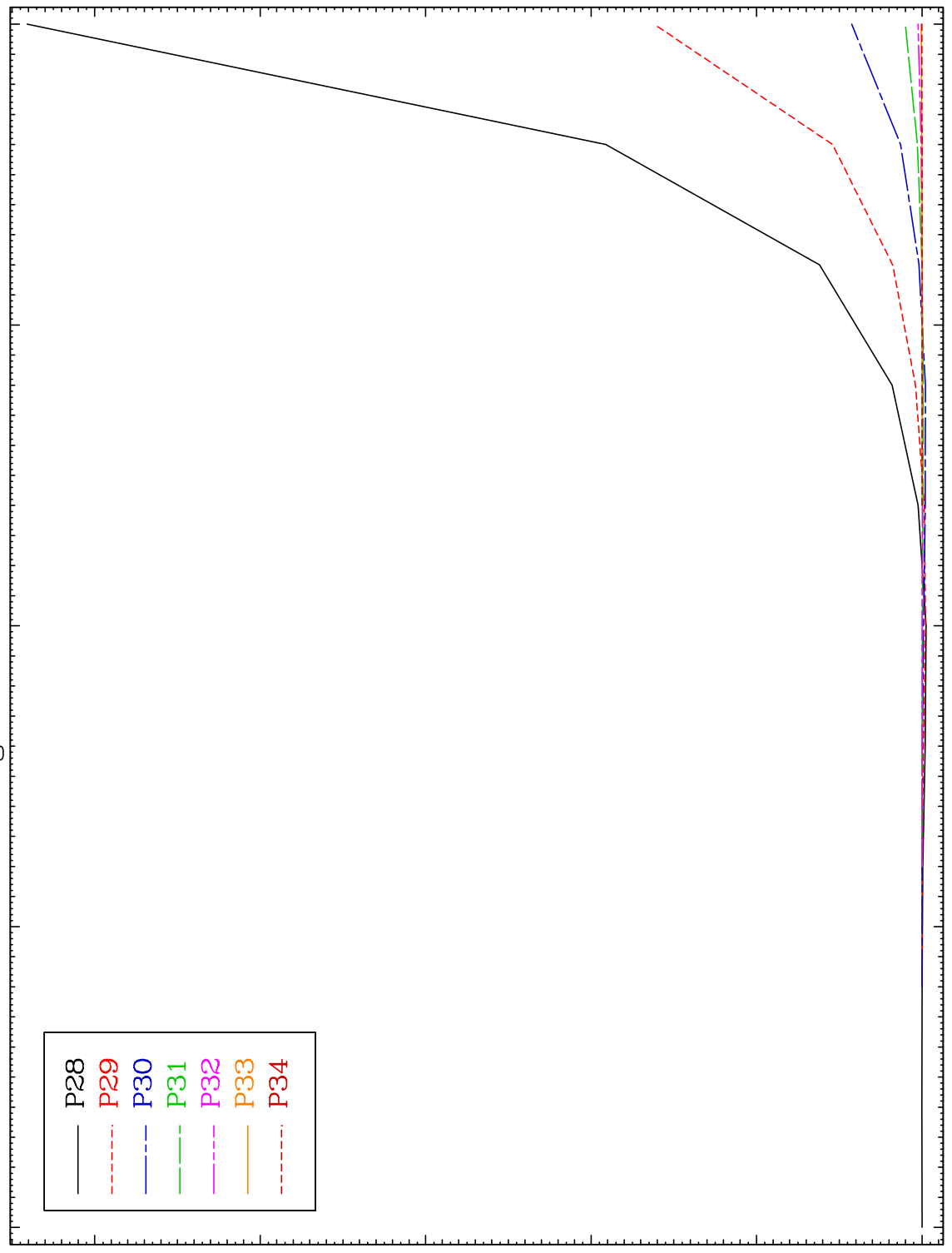
20

25

30

Incident Energy (MeV)

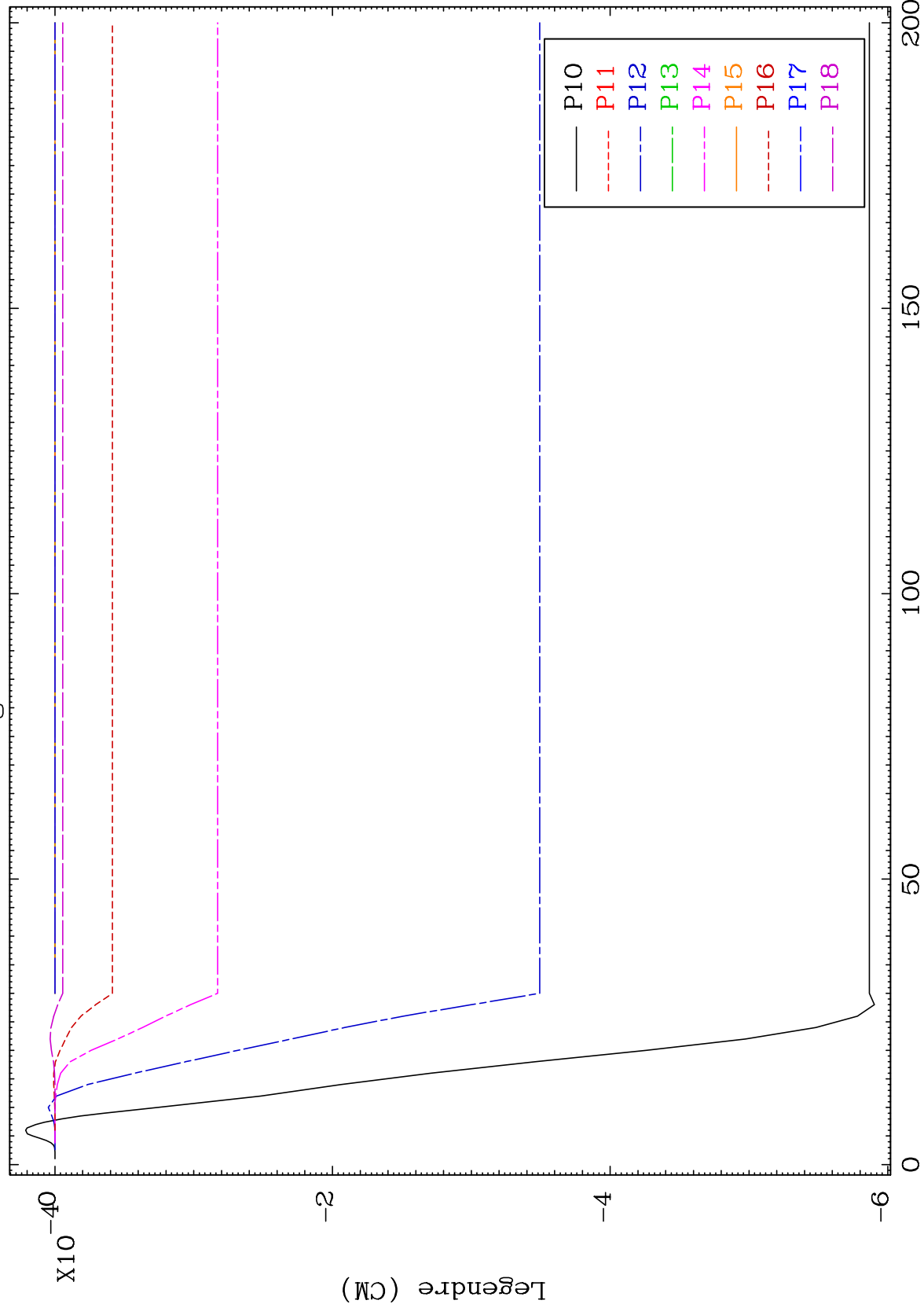
73-Ta-174



MAT 7307

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

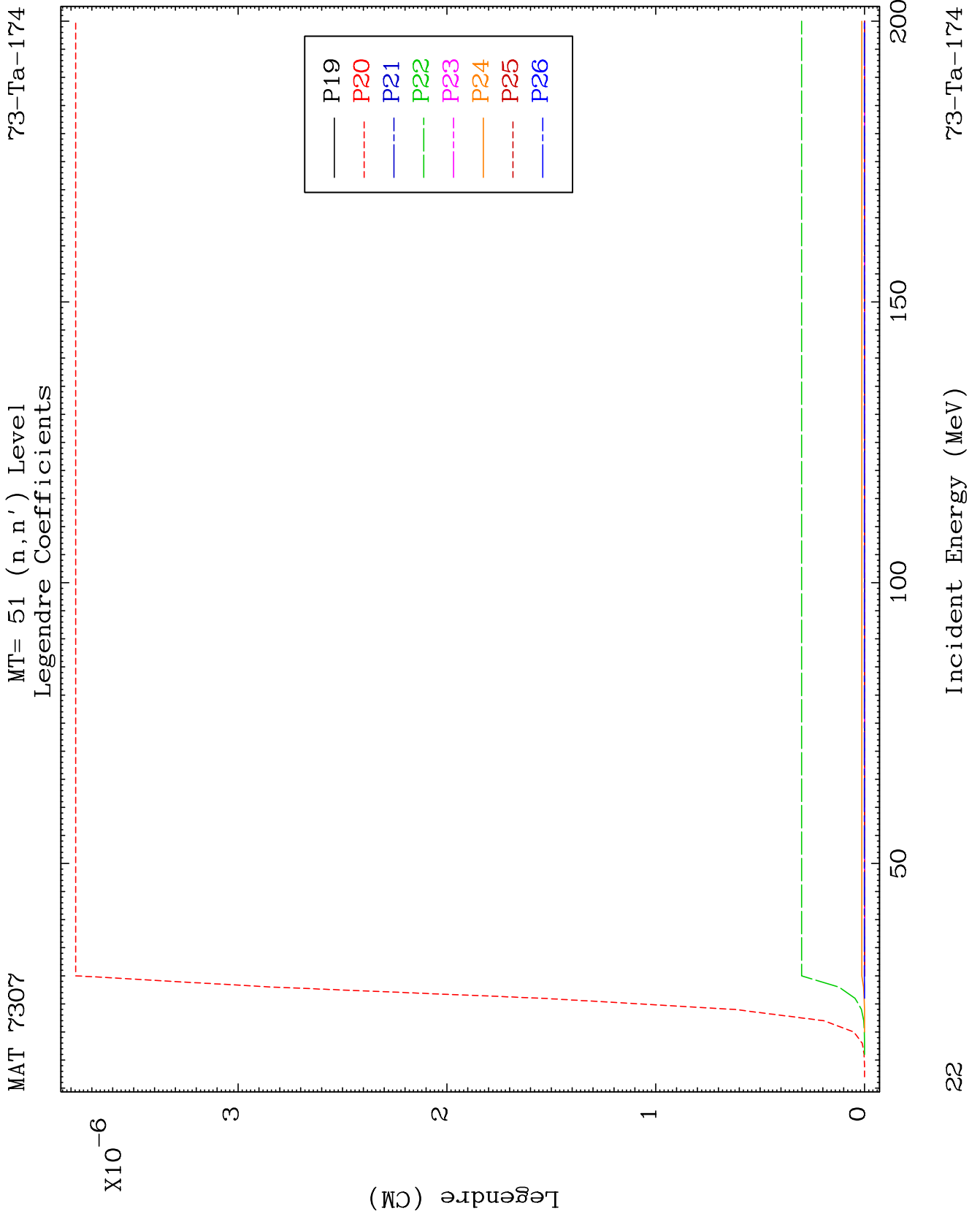
73-Ta-174

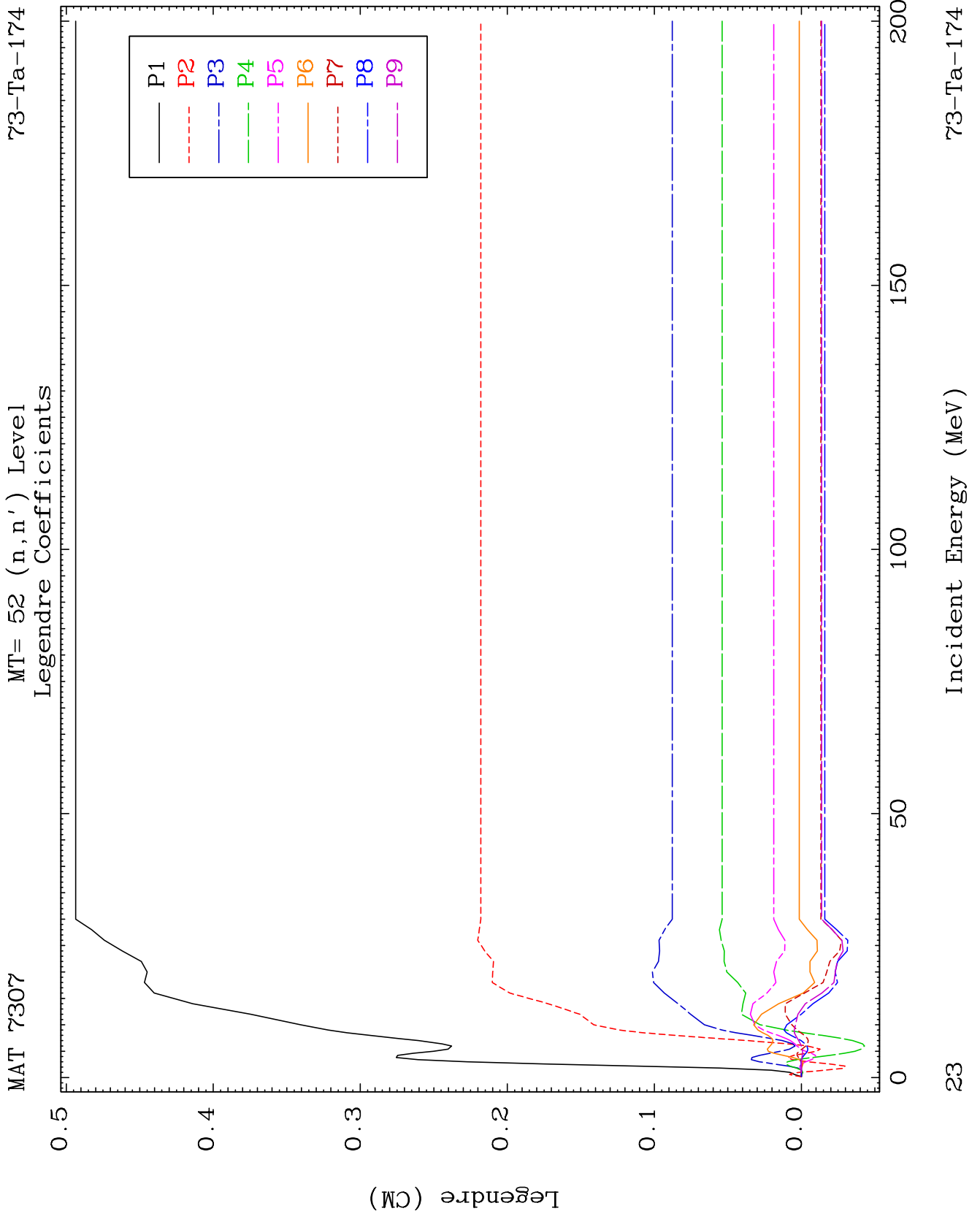


21

Incident Energy (MeV)

73-Ta-174

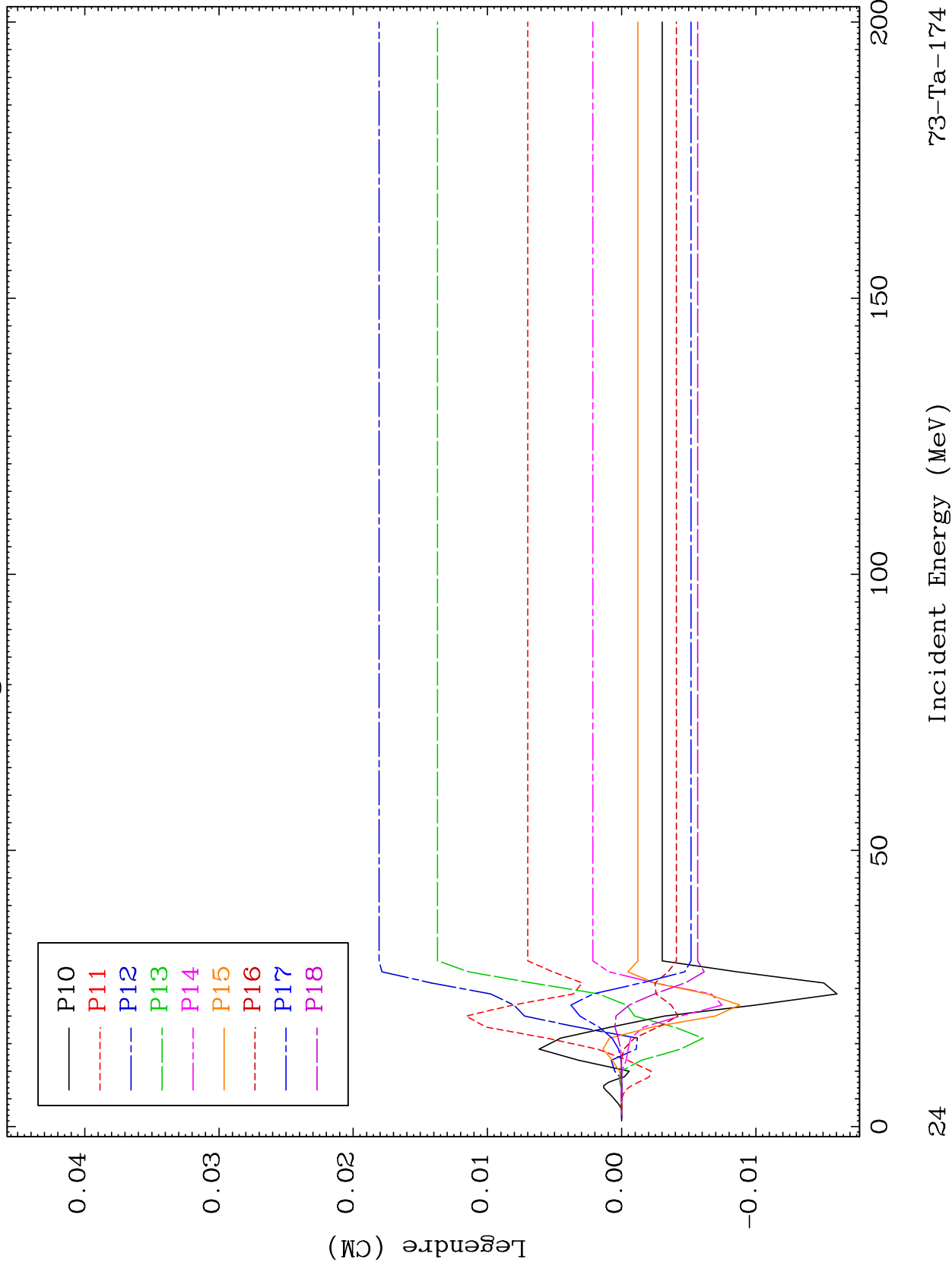




MAT 7307

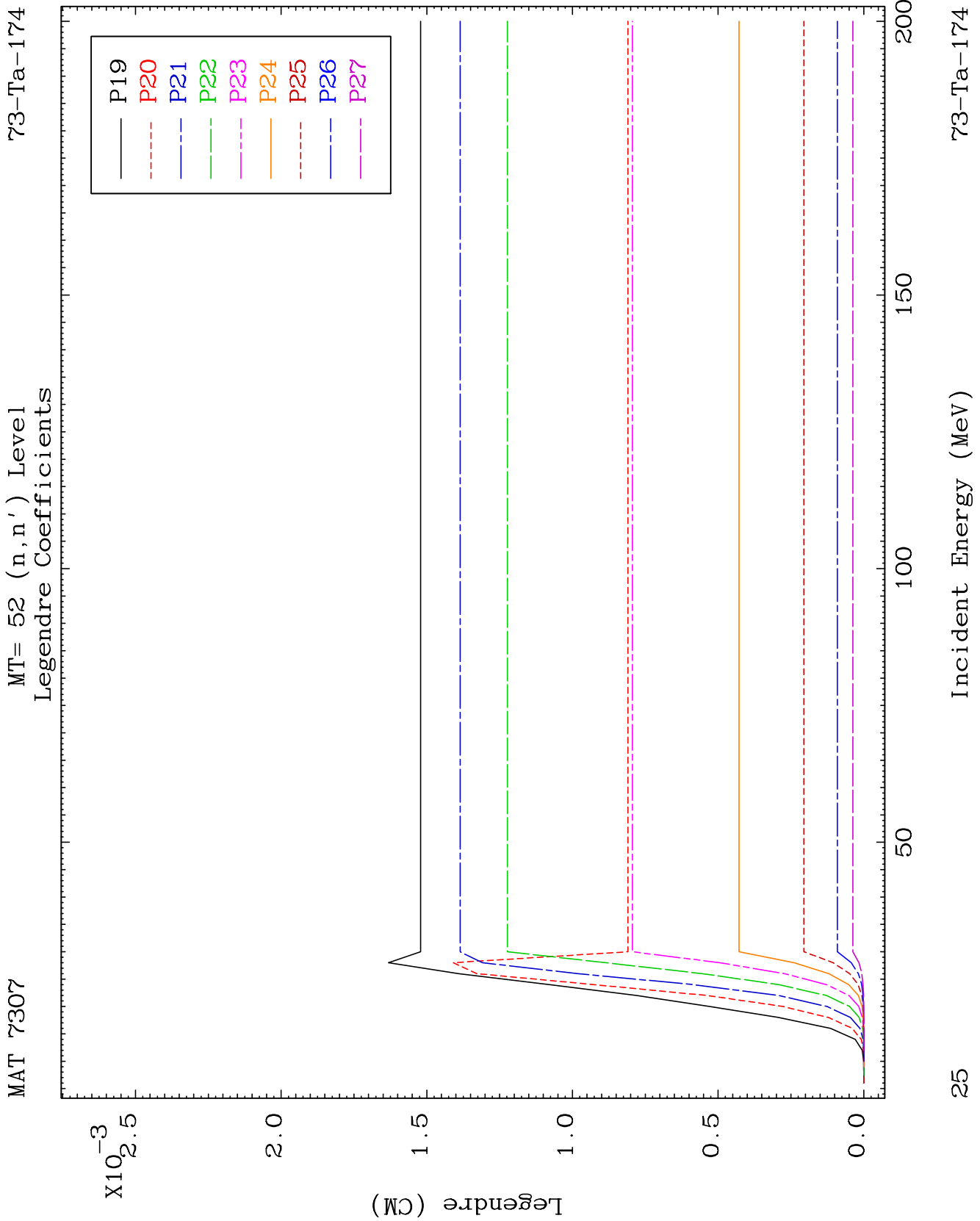
MT= 52 (n,n') Level
Legendre Coefficients

73-Ta-174



24

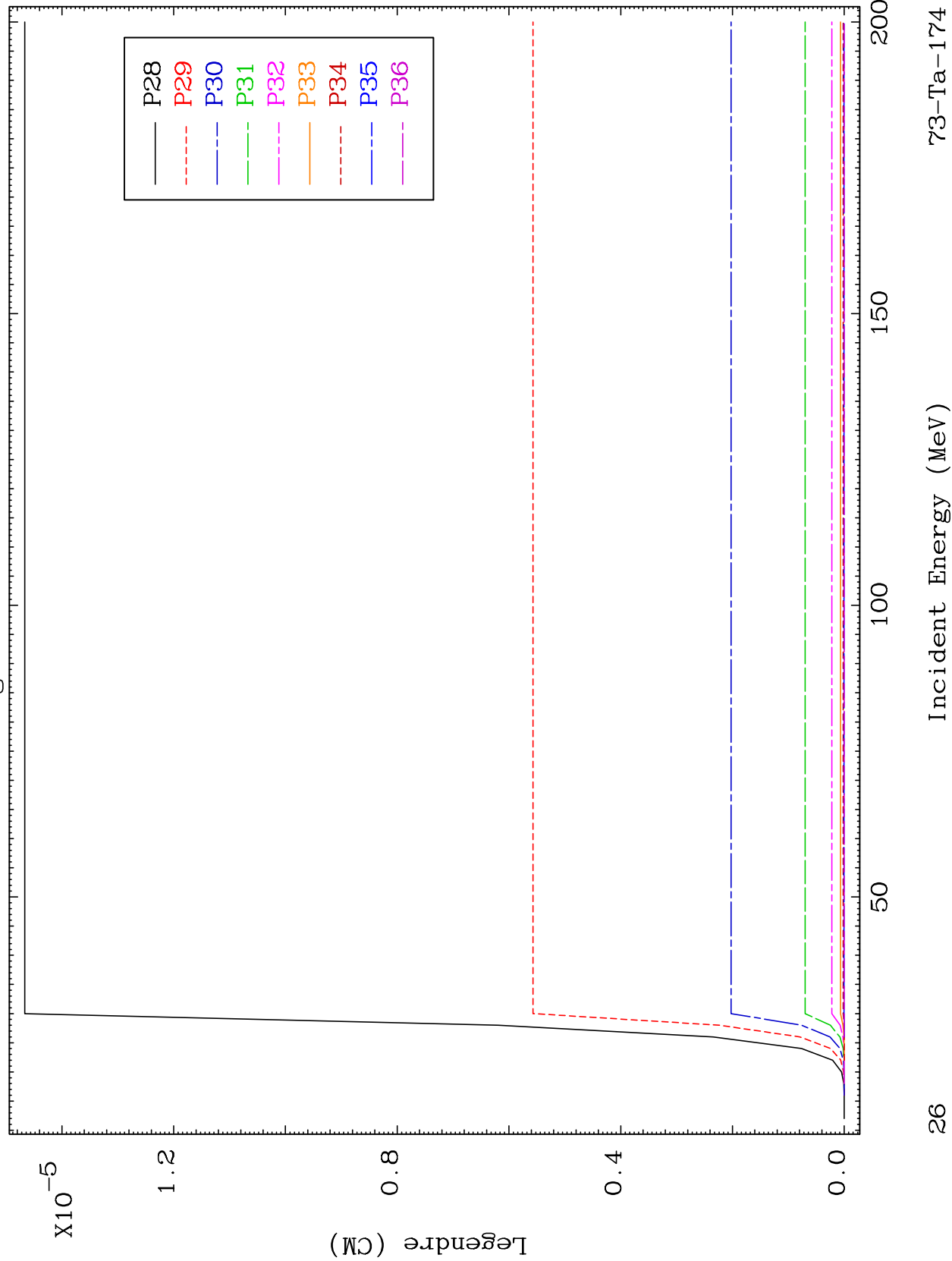
73-Ta-174



MAT 7307

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

73-Ta-174



26

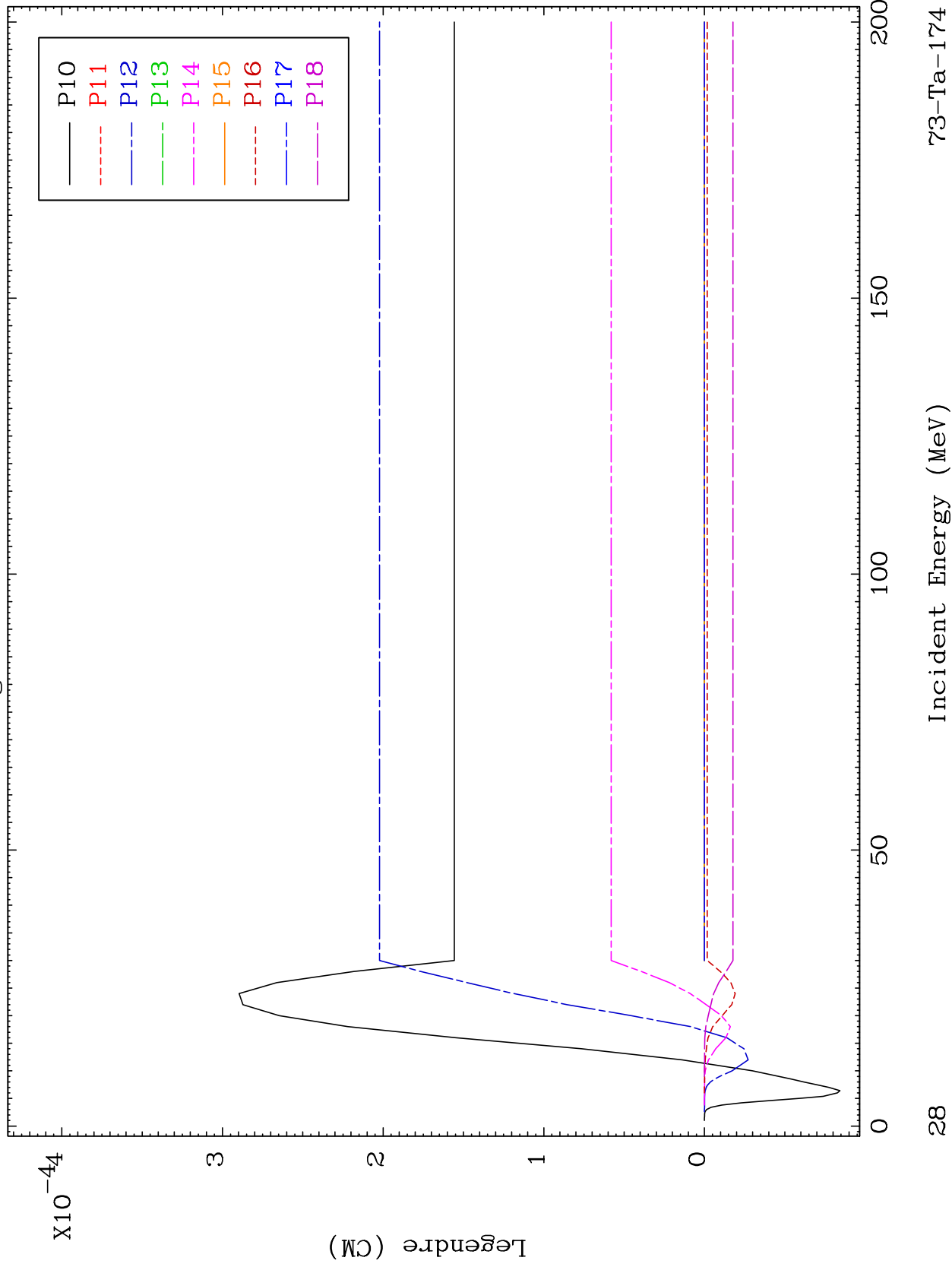
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

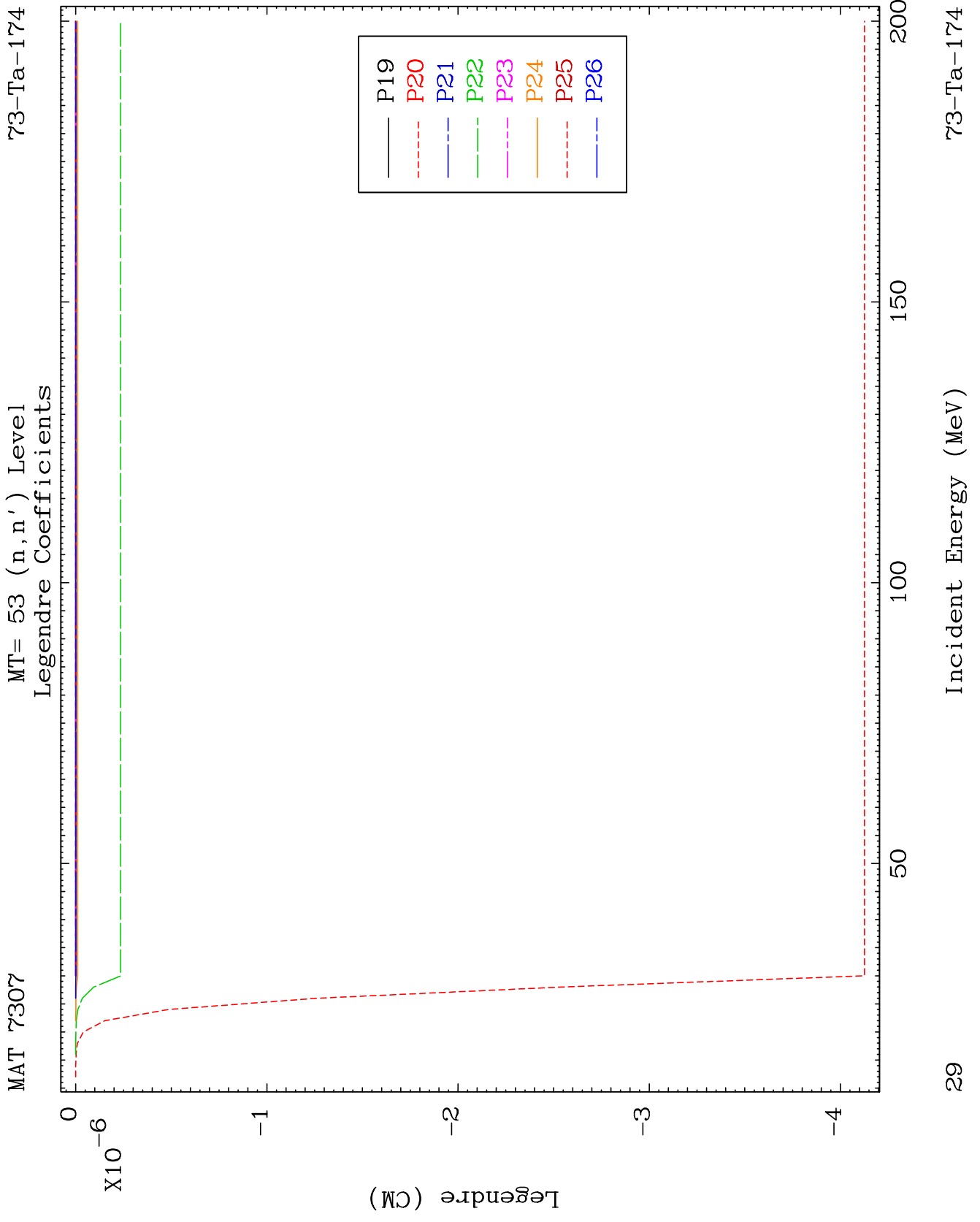
73-Ta-174



28

Incident Energy (MeV)

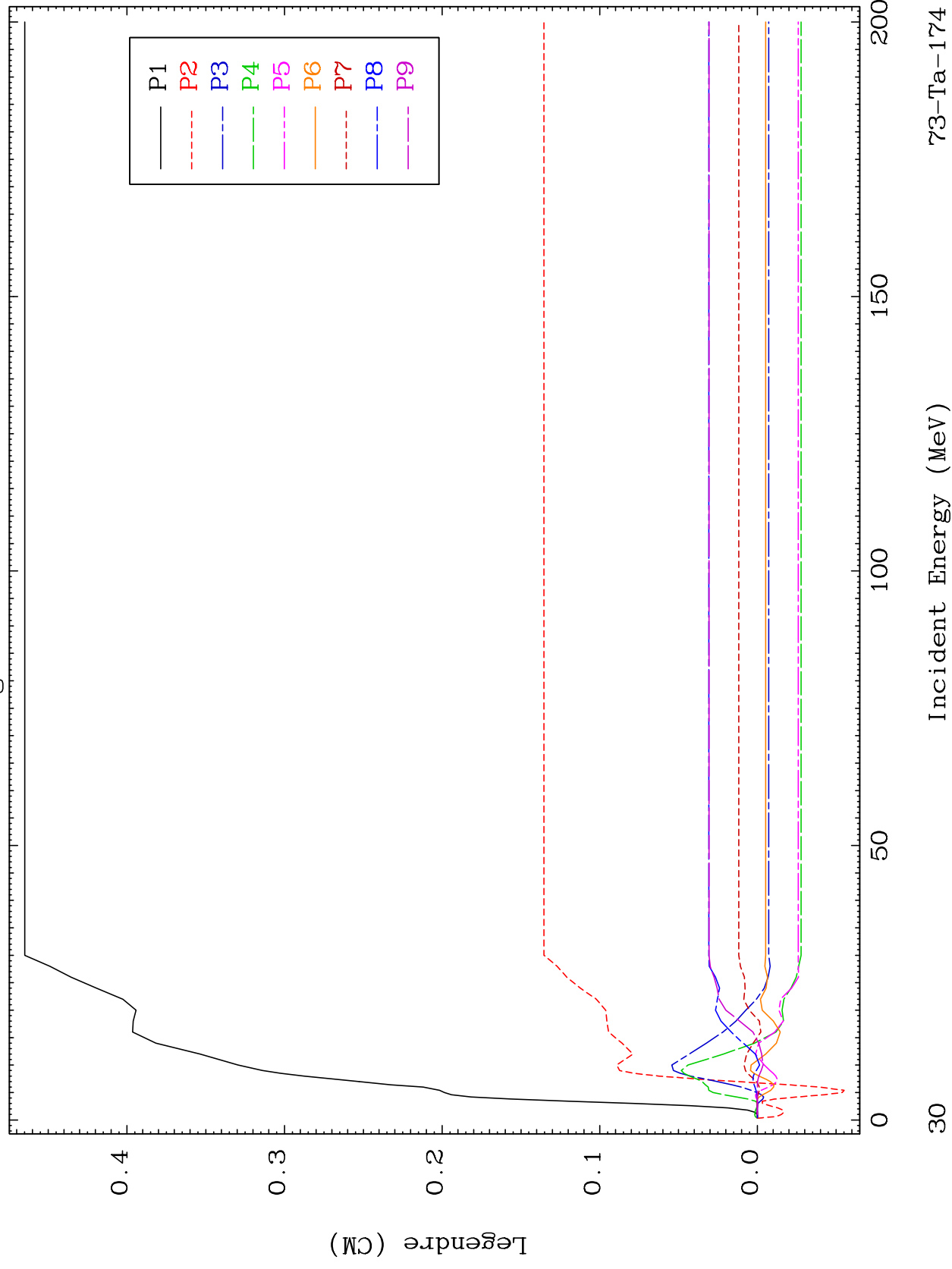
73-Ta-174



MAT 7307

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

73-Ta-174



73-Ta-174

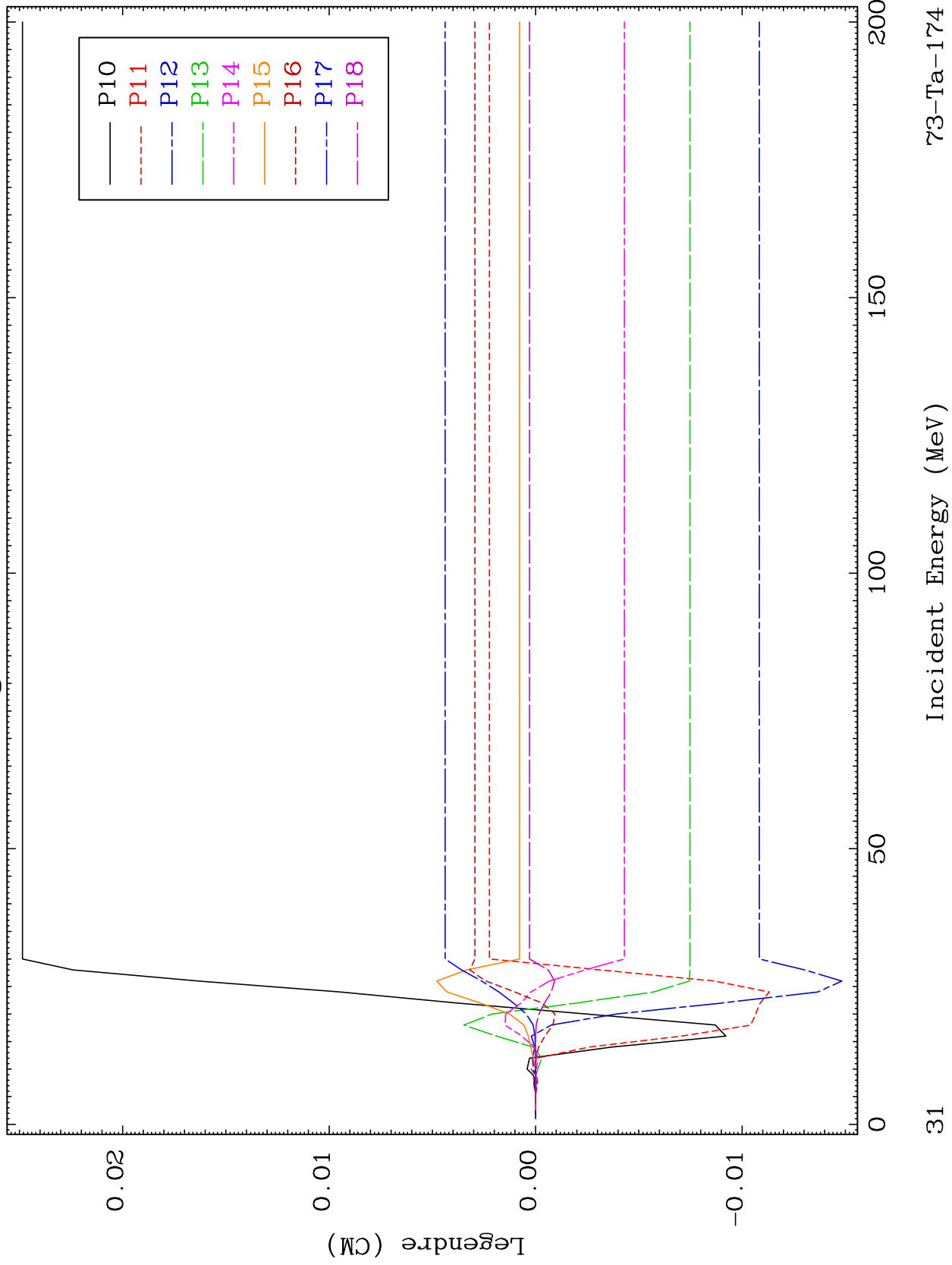
Incident Energy (MeV)

30

MAT 7307

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

73-Ta-174



31

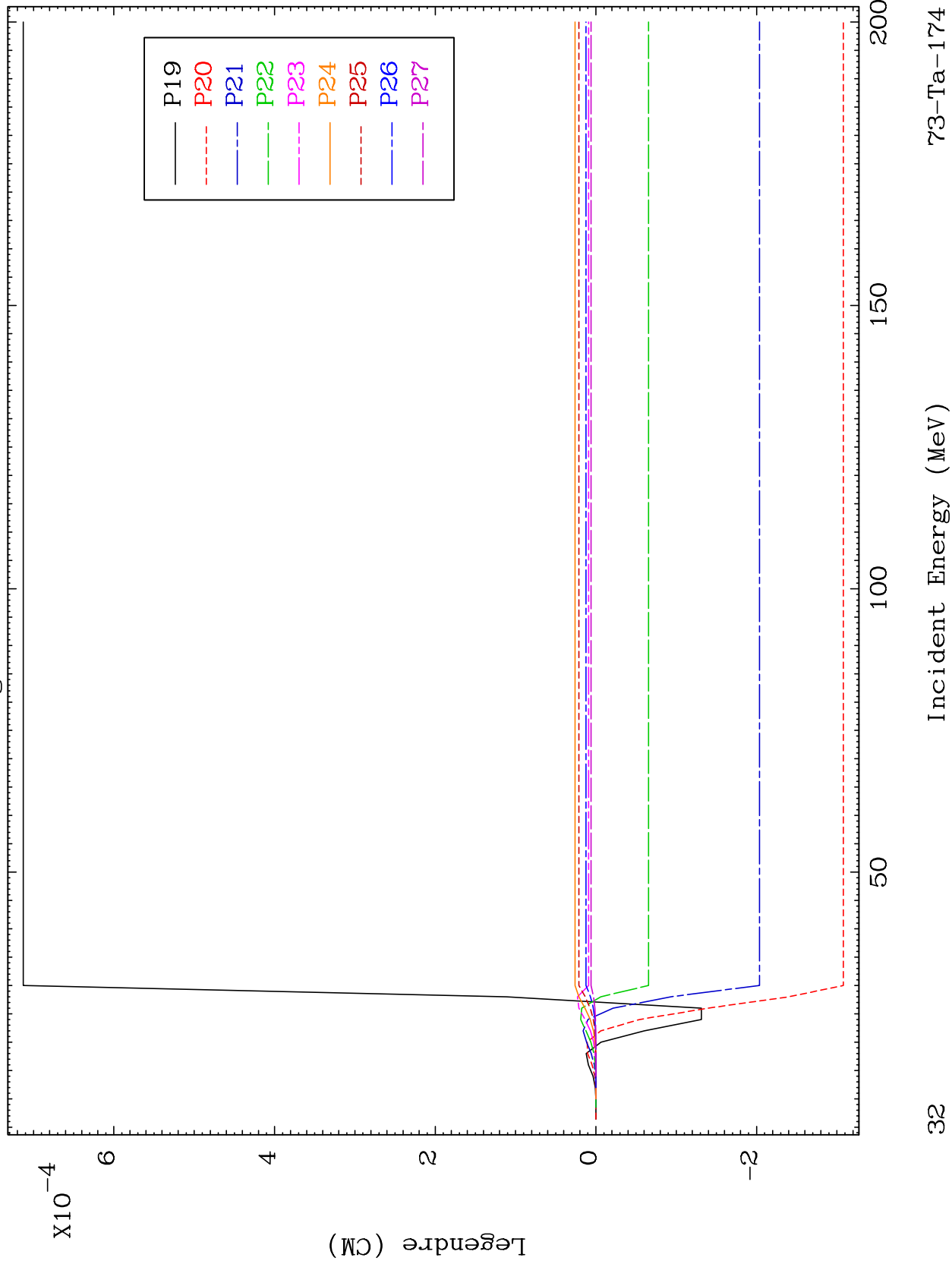
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174

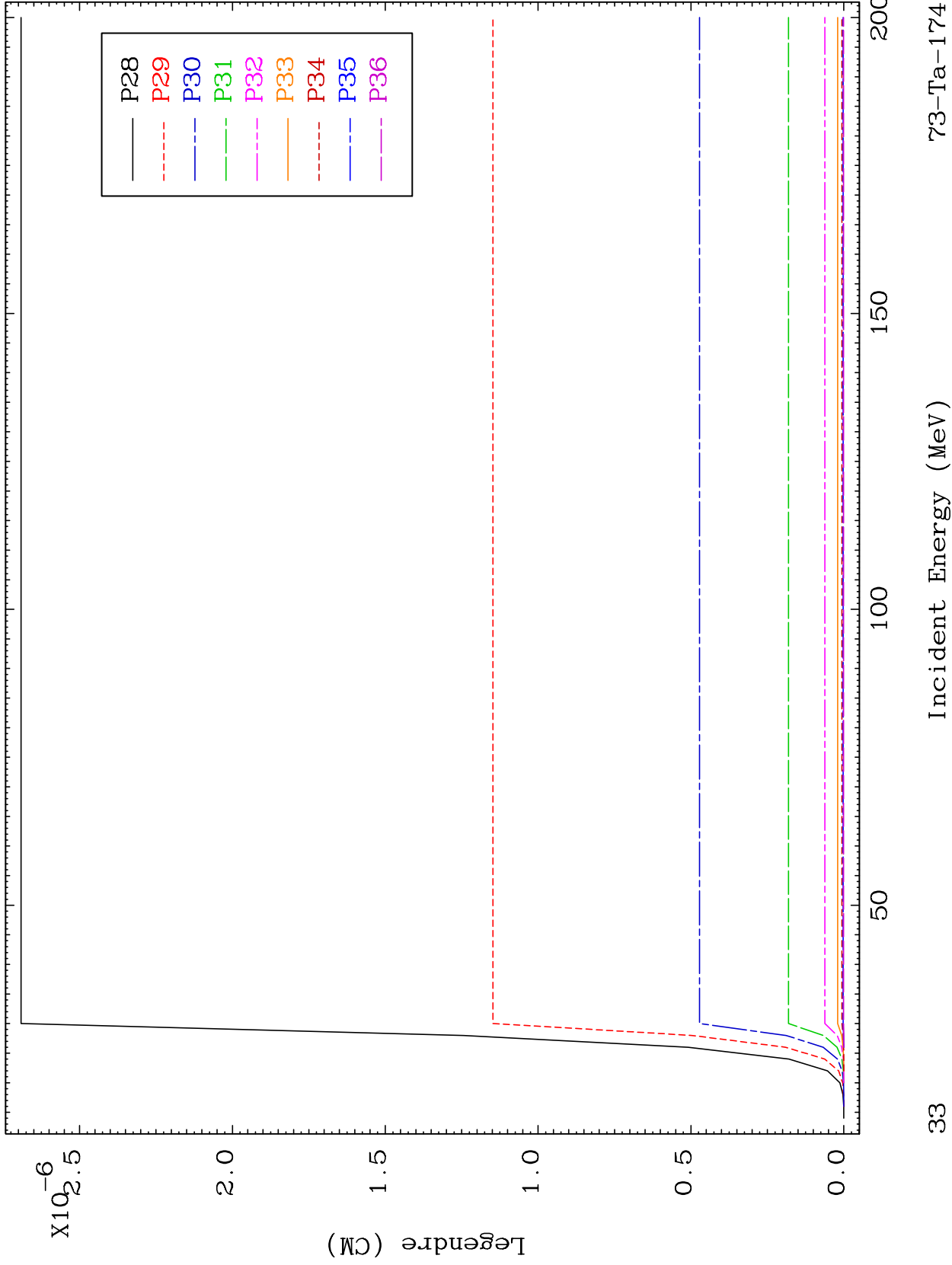


32

MAT 7307

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

73-Ta-174

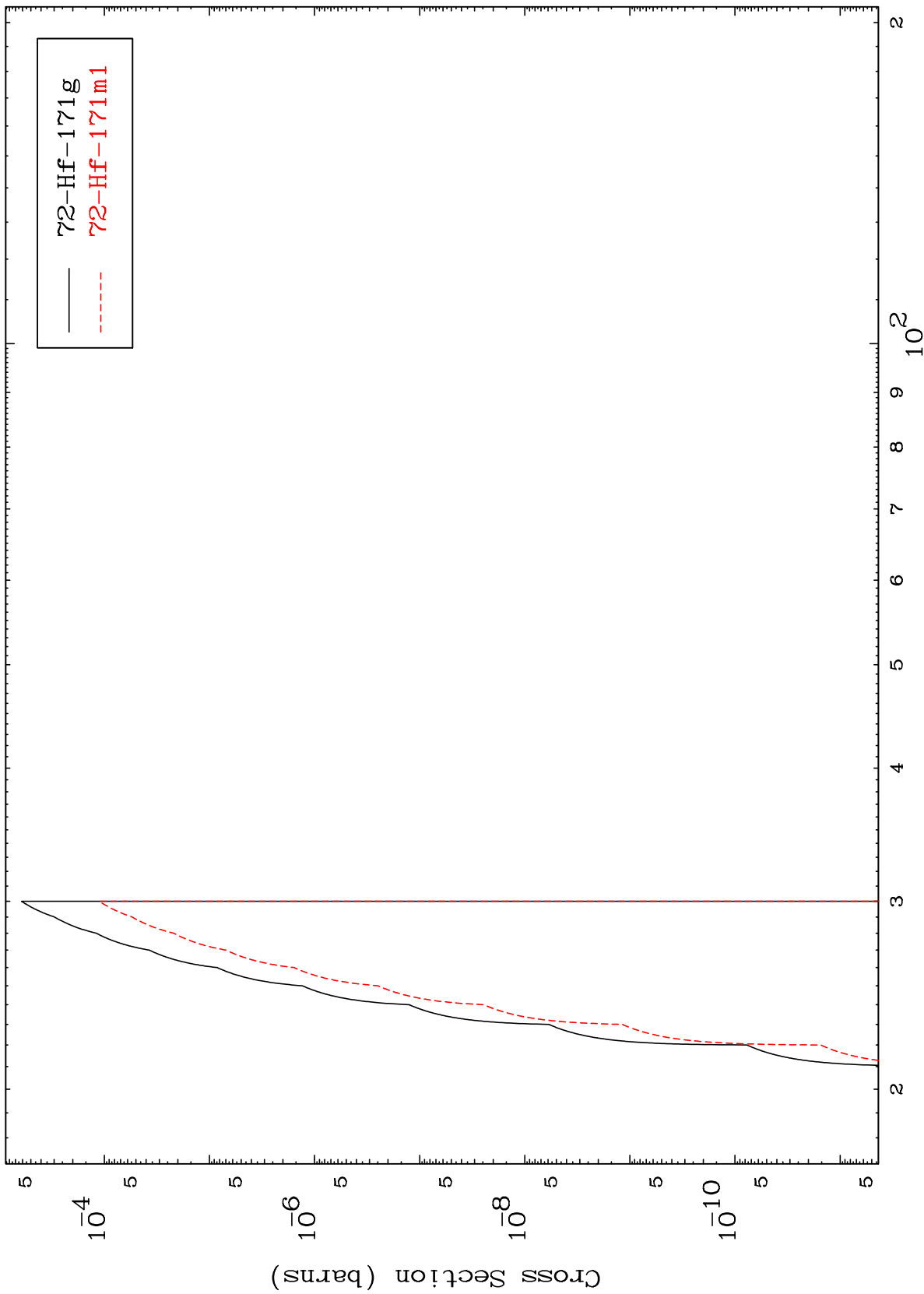


33

Incident Energy (MeV)

73-Ta-174

Radionuclide Production Cross Section

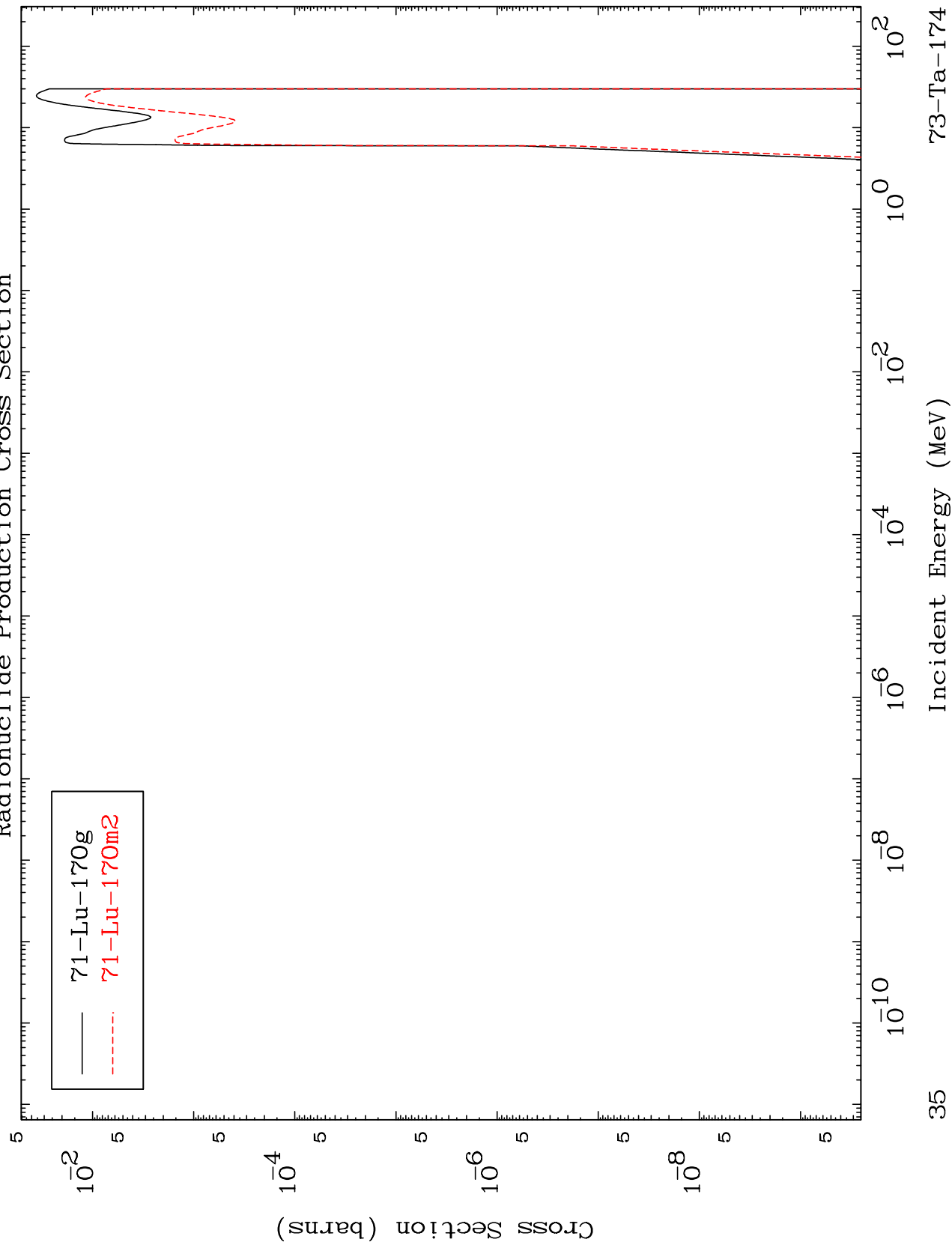


MAT 7307

$(n, n') \alpha$

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

Radionuclide Production Cross Section



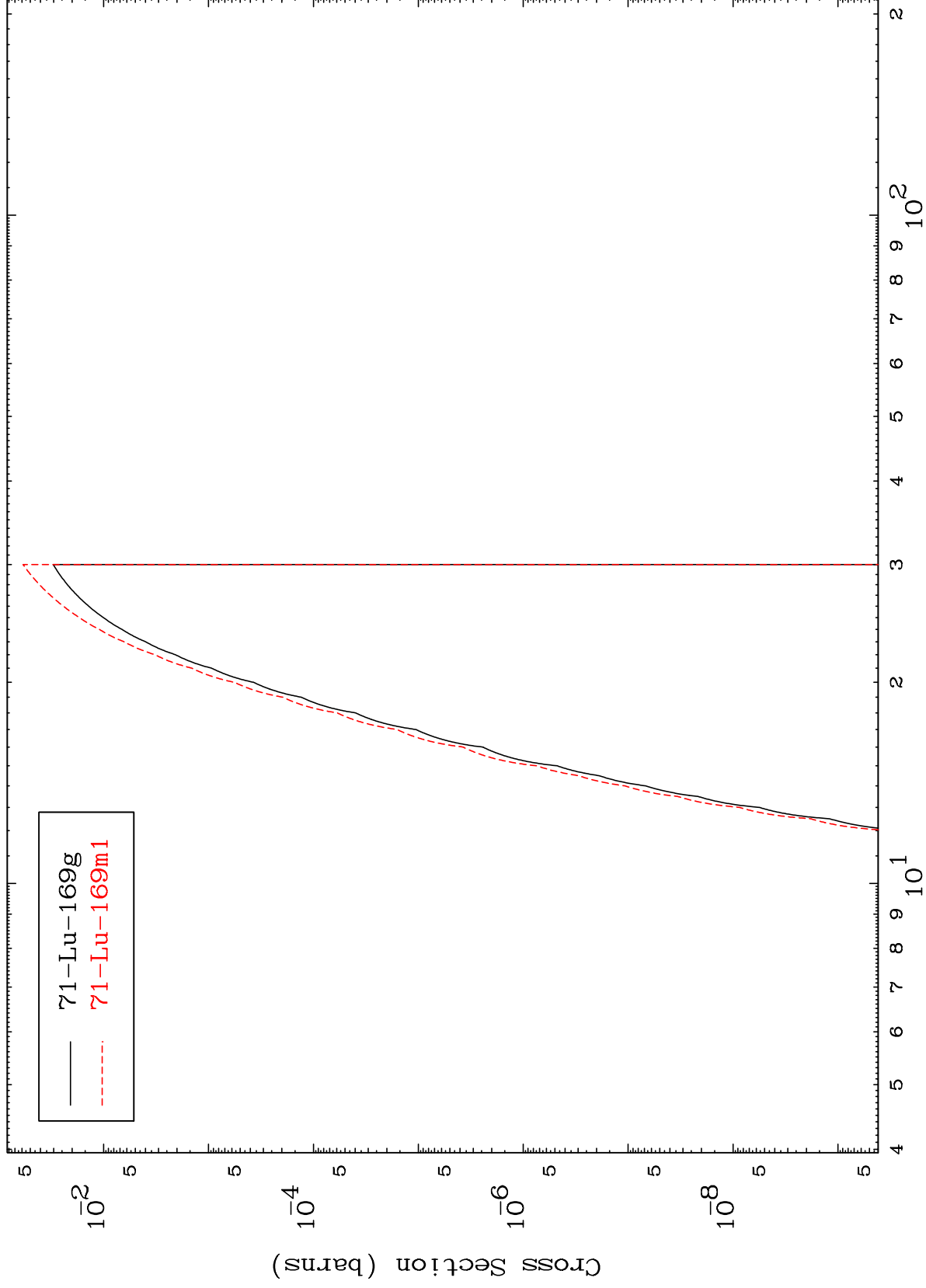
— $^{71}\text{Lu-170g}$
- - - $^{71}\text{Lu-170m2}$

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(n,2n) α

73-Ta-174

Radionuclide Production Cross Section

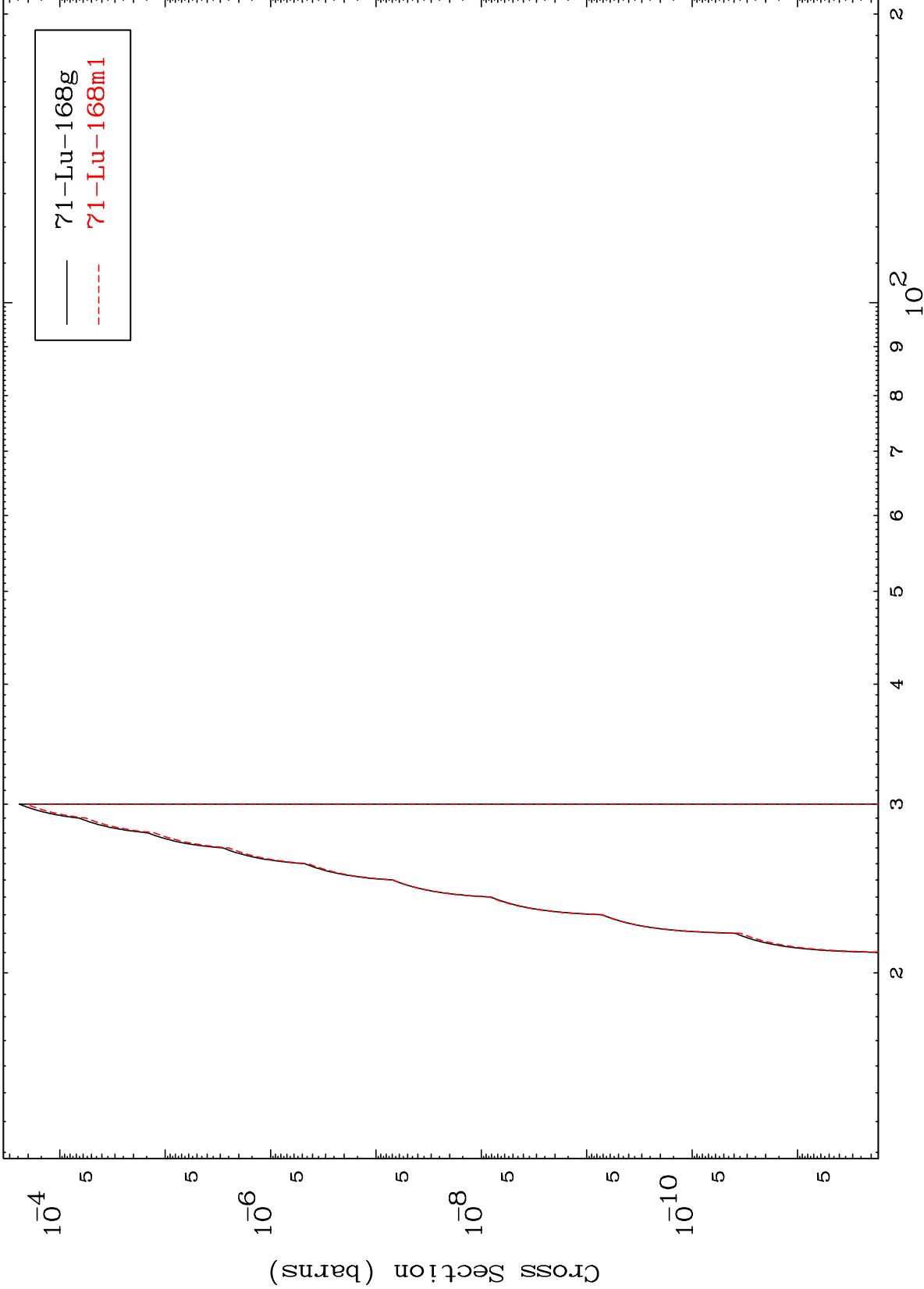


36

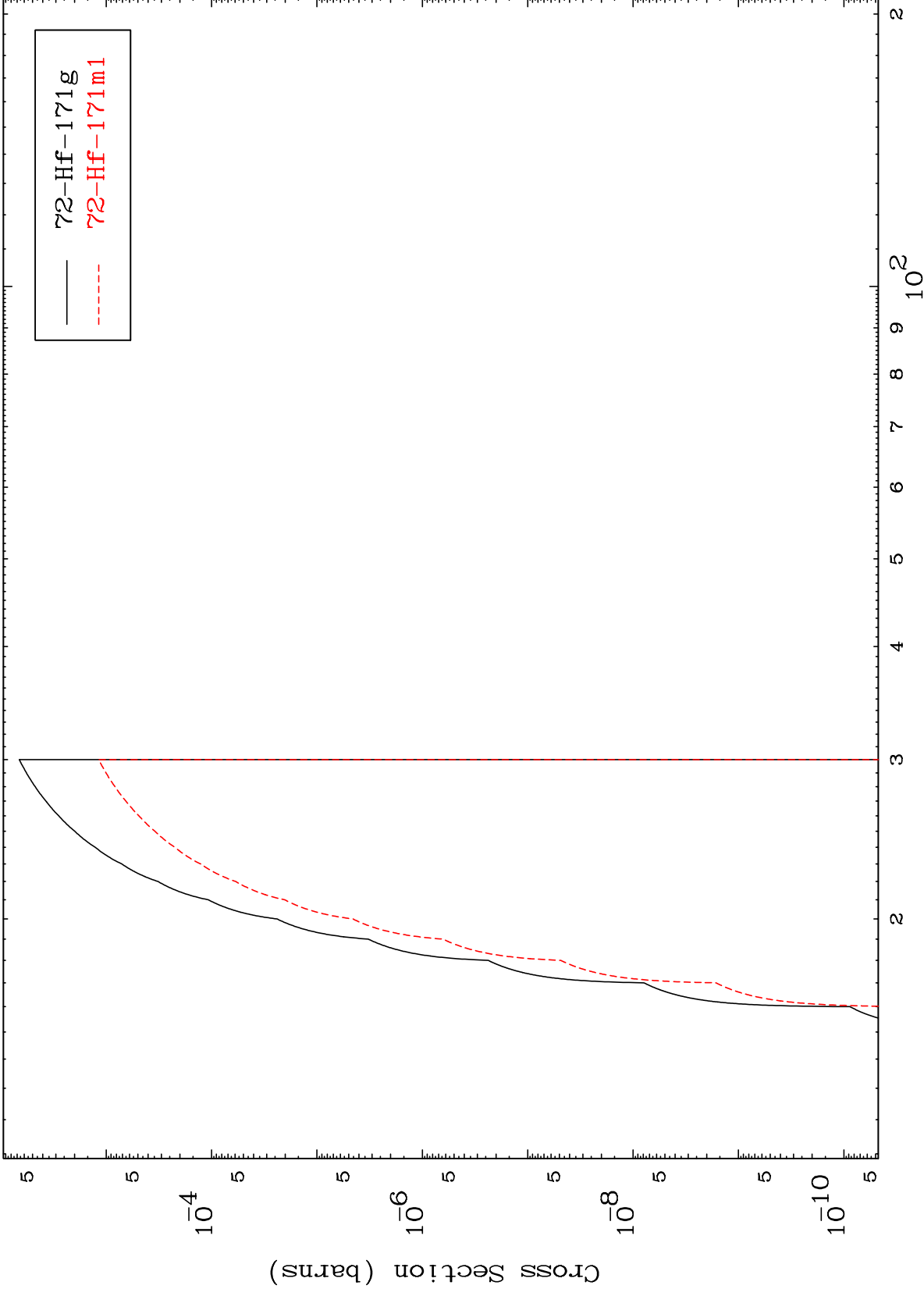
Incident Energy (MeV)

73-Ta-174

Radionuclide Production Cross Section



Radionuclide Production Cross Section



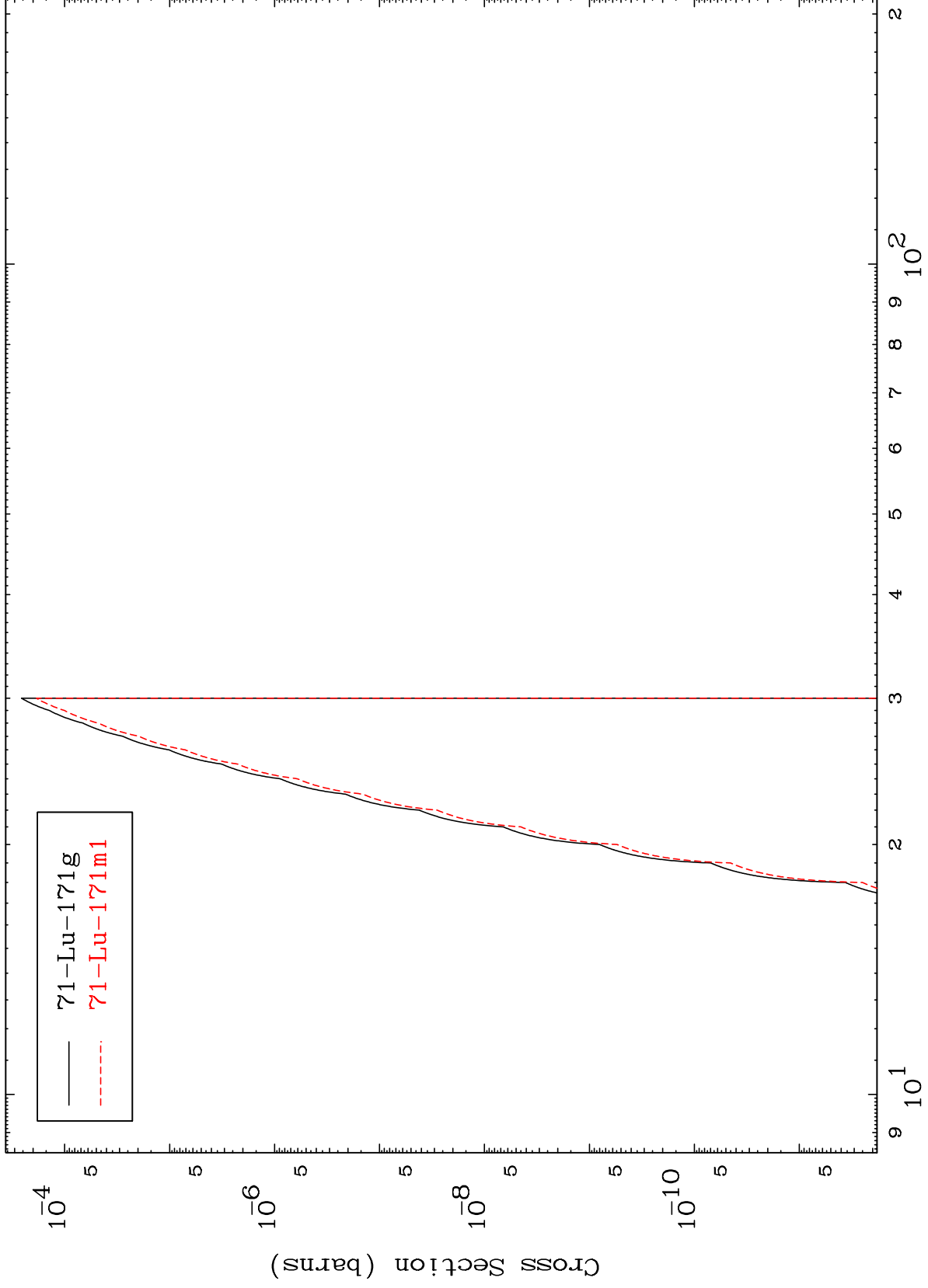
72-Hf-171g
72-Hf-171m1

MAT 7307

(n,n') He-3

73-Ta-174

Radionuclide Production Cross Section



71-Lu-171g
71-Lu-171m1

39

Incident Energy (MeV)

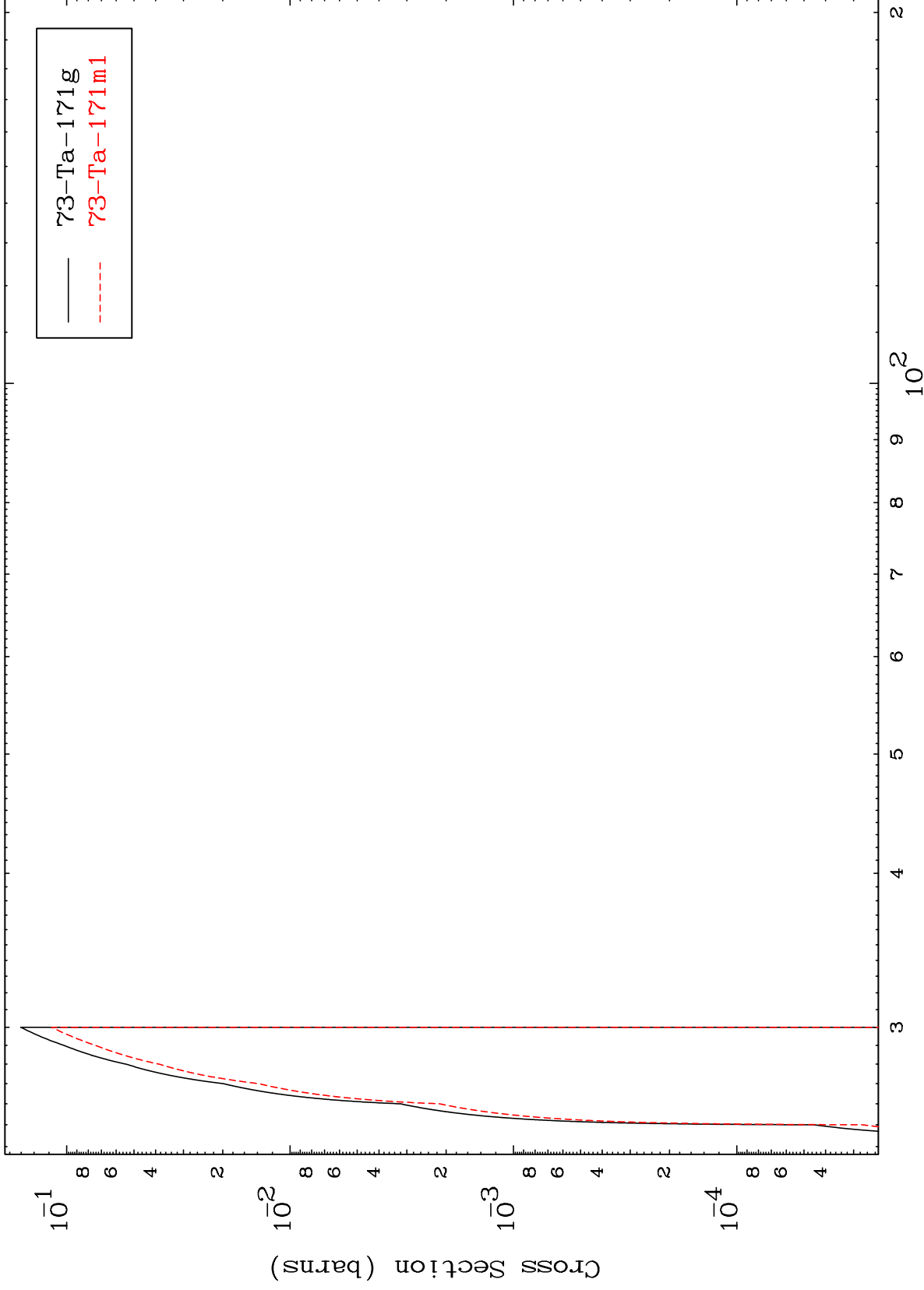
73-Ta-174

MAT 7307

(n,4n)

⁷³Ta-174

Radionuclide Production Cross Section



40

Incident Energy (MeV)

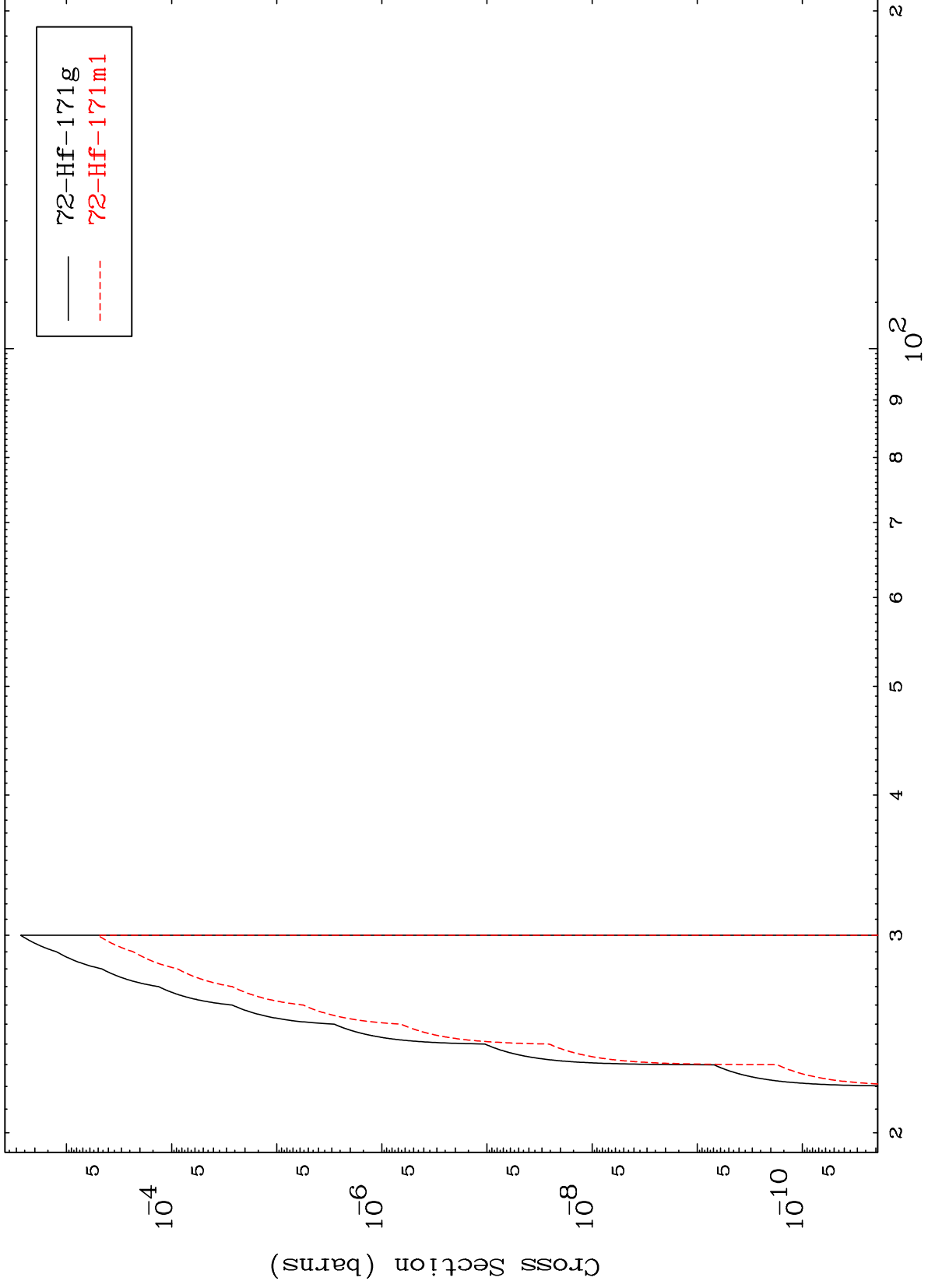
⁷³Ta-174

MAT 7307

(n,3n) p

73-Ta-174

Radionuclide Production Cross Section



41

Incident Energy (MeV)

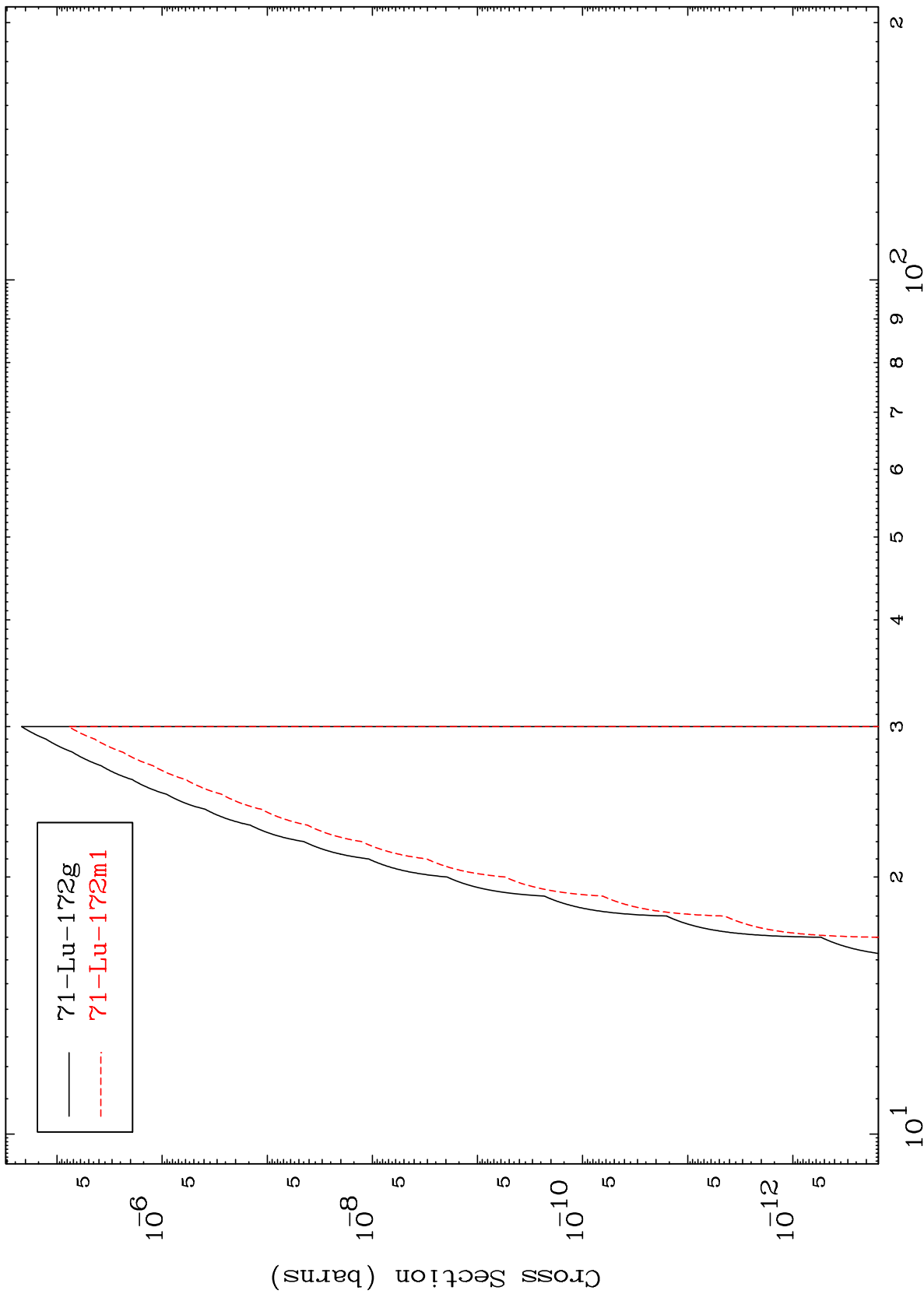
73-Ta-174

MAT 7307

(n,2n) p

⁷³Ta-174

Radionuclide Production Cross Section



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

Incident Energy (MeV)

⁷³Ta-174

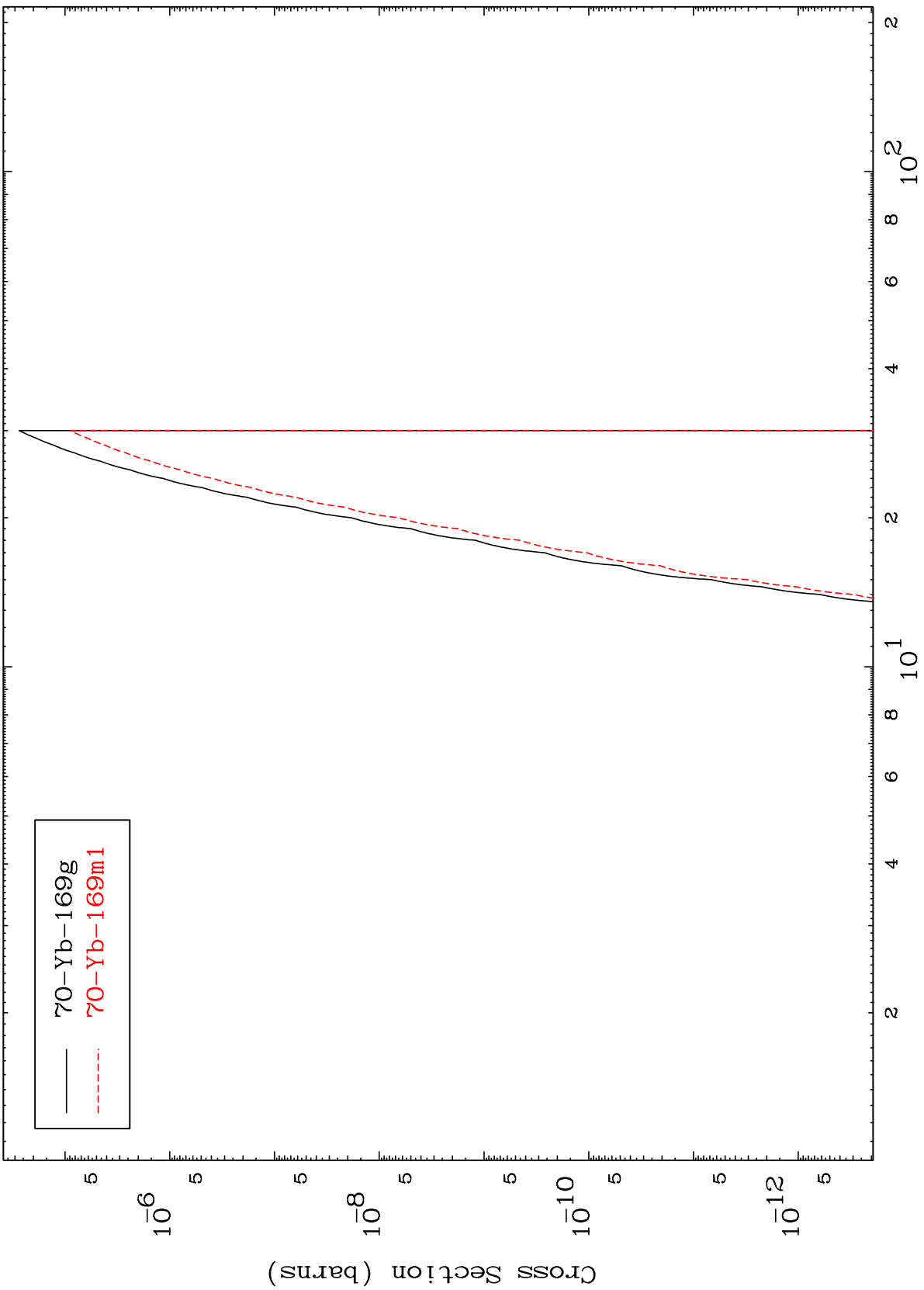
42

MAT 7307

(n,n') p α

73-Ta-174

Radionuclide Production Cross Section



43

Incident Energy (MeV)

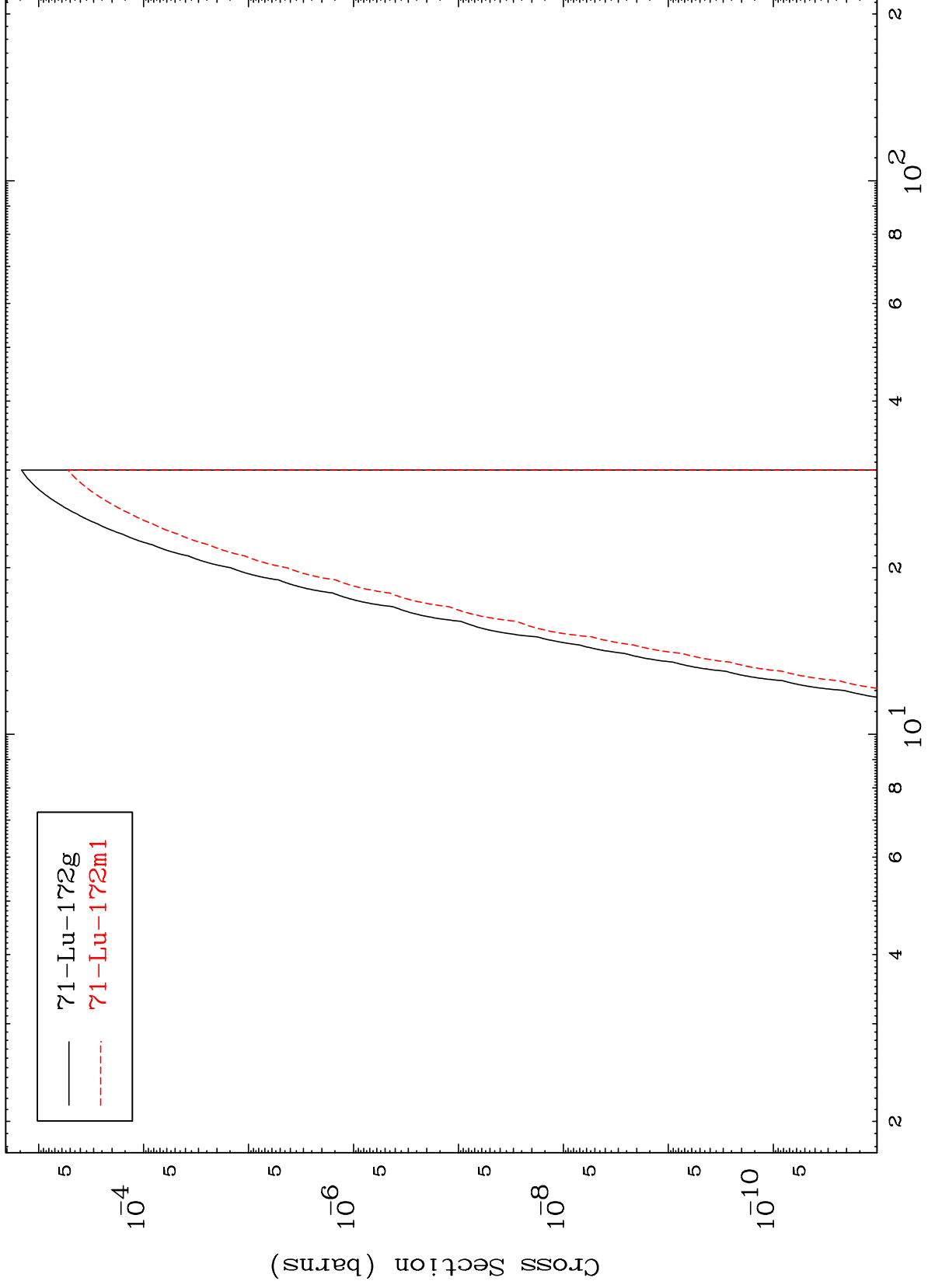
73-Ta-174

MAT 7307

(n,He-3)

73-Ta-174

Radionuclide Production Cross Section



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

44

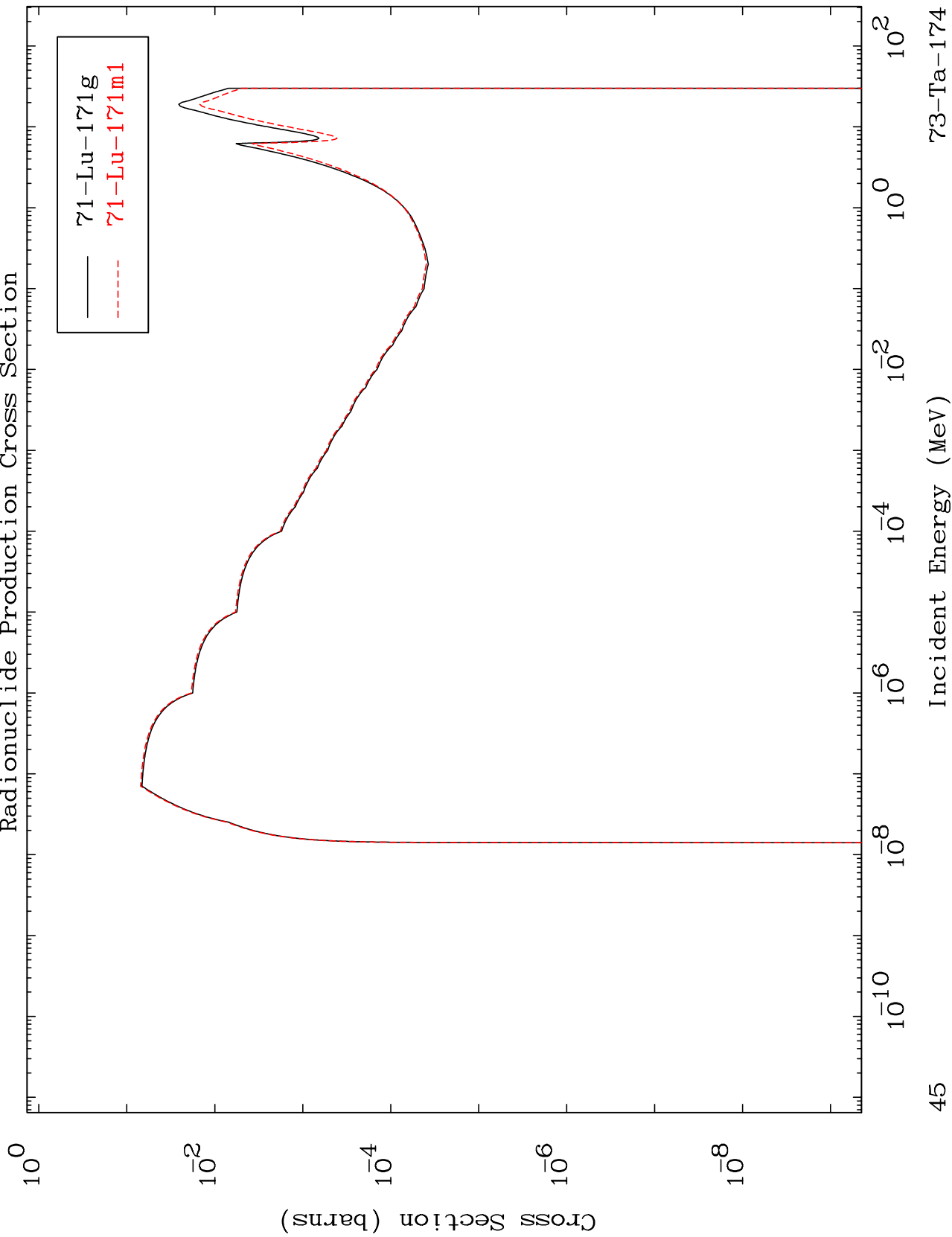
Incident Energy (MeV)

73-Ta-174

MAT 7307

73-Ta-174

Radionuclide Production Cross Section
(n, α)

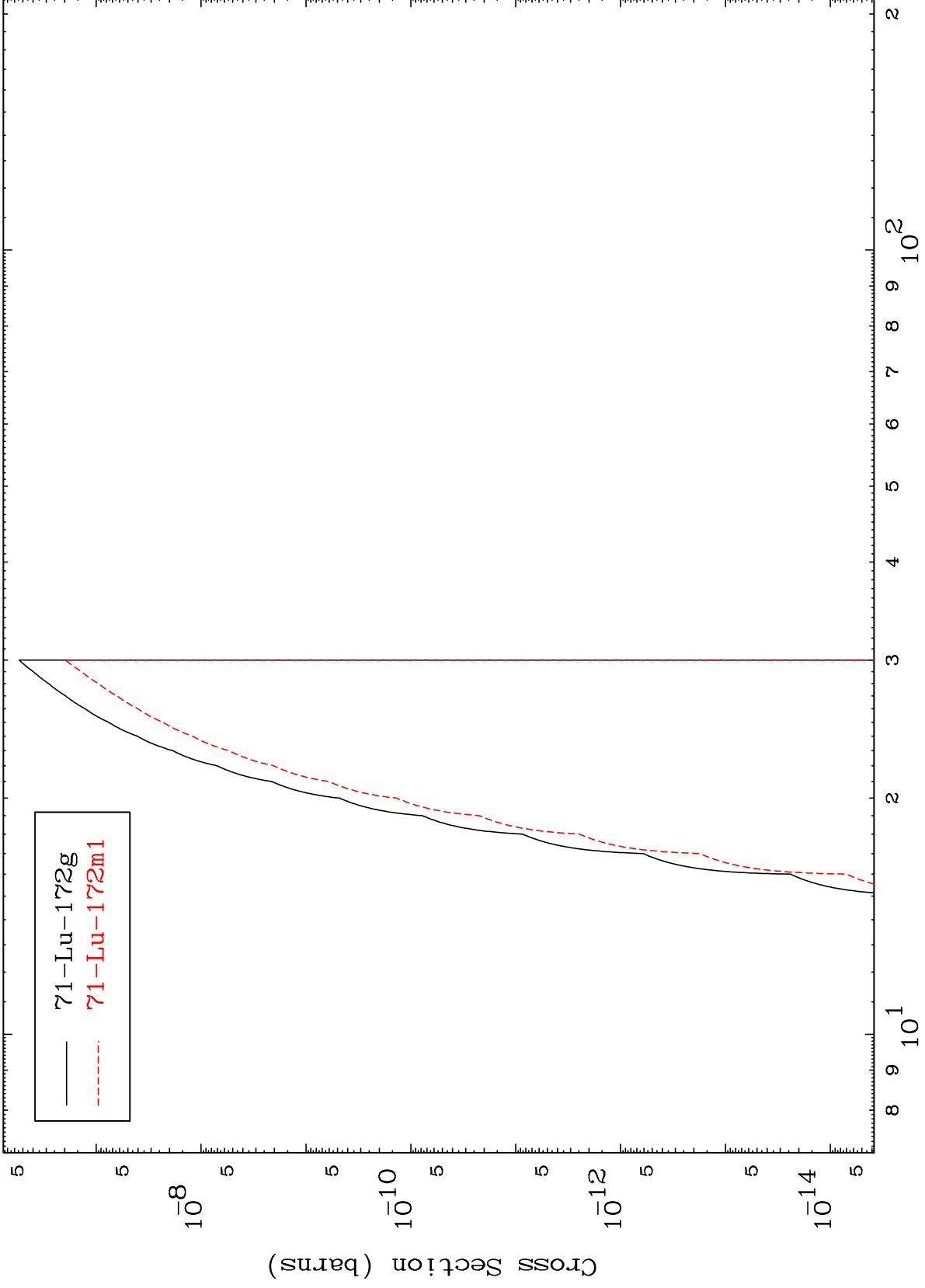


MAT 7307

(n,p) d

73-Ta-174

Radionuclide Production Cross Section



46

Incident Energy (MeV)

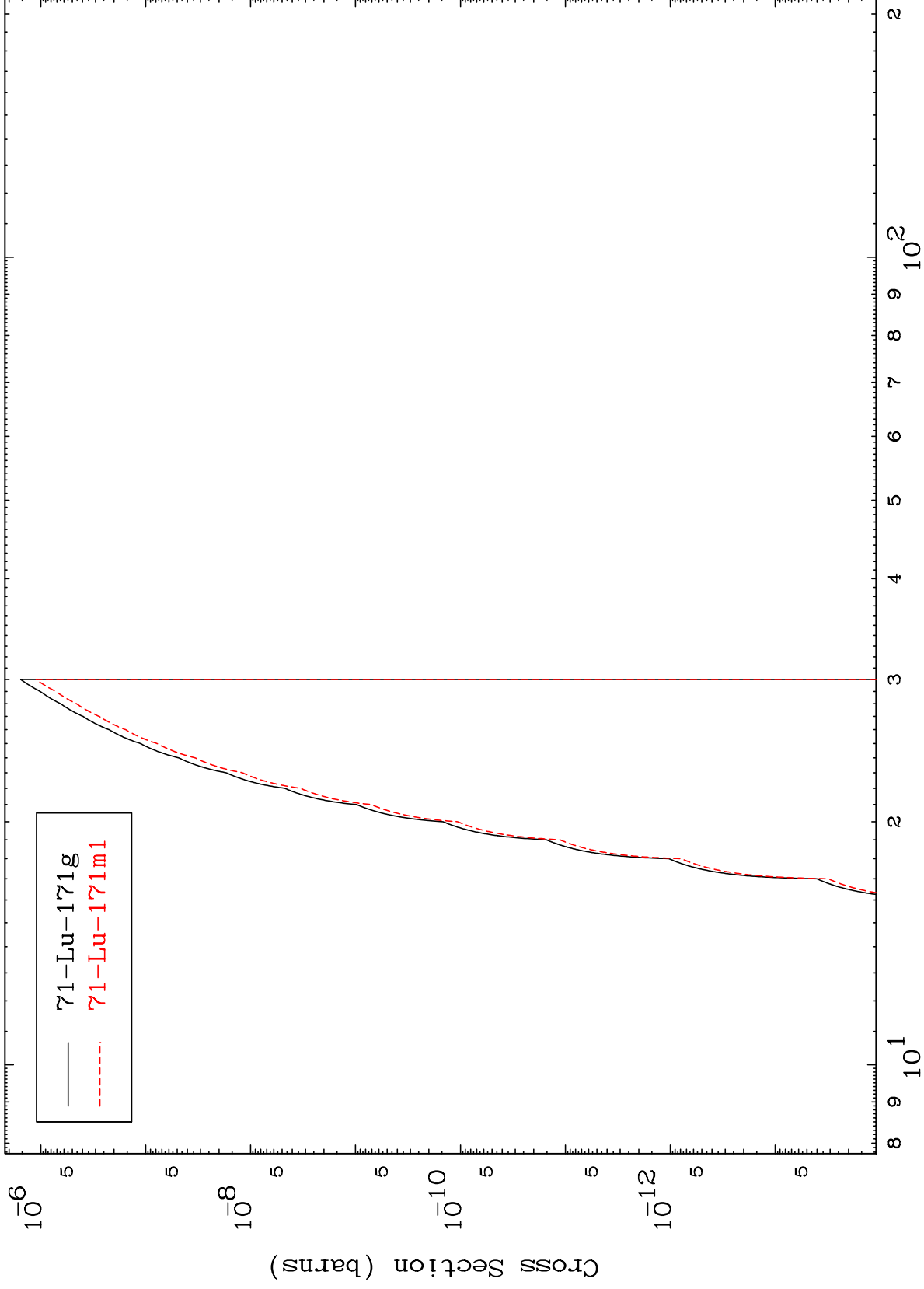
73-Ta-174

MAT 7307

(n,p) t

73-Ta-174

Radionuclide Production Cross Section



47

Incident Energy (MeV)

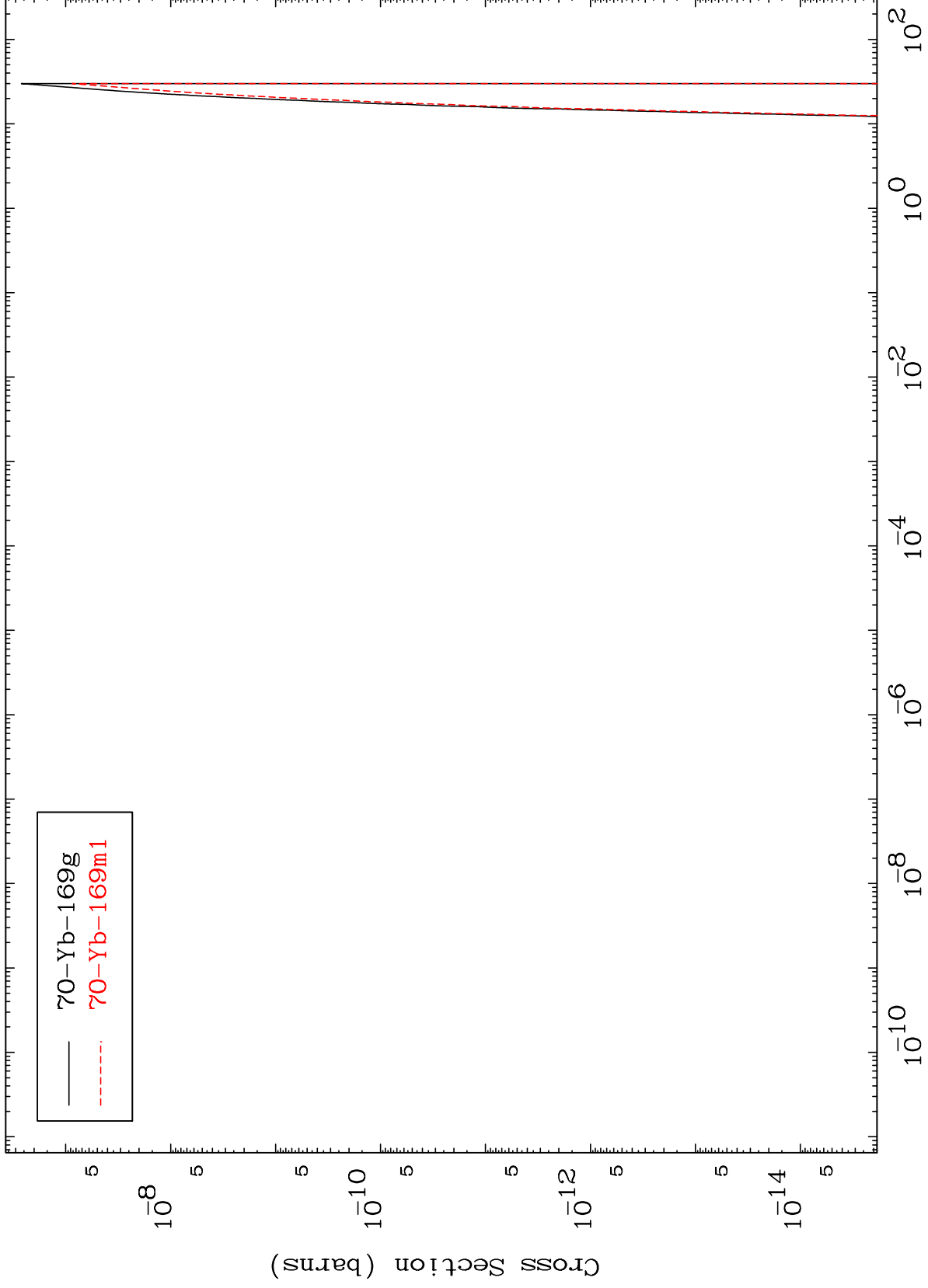
73-Ta-174

MAT 7307

(n,d) α

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

Radionuclide Production Cross Section



48

Incident Energy (MeV)

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