

Program EVALPLOT
(Version 2018-1)

by

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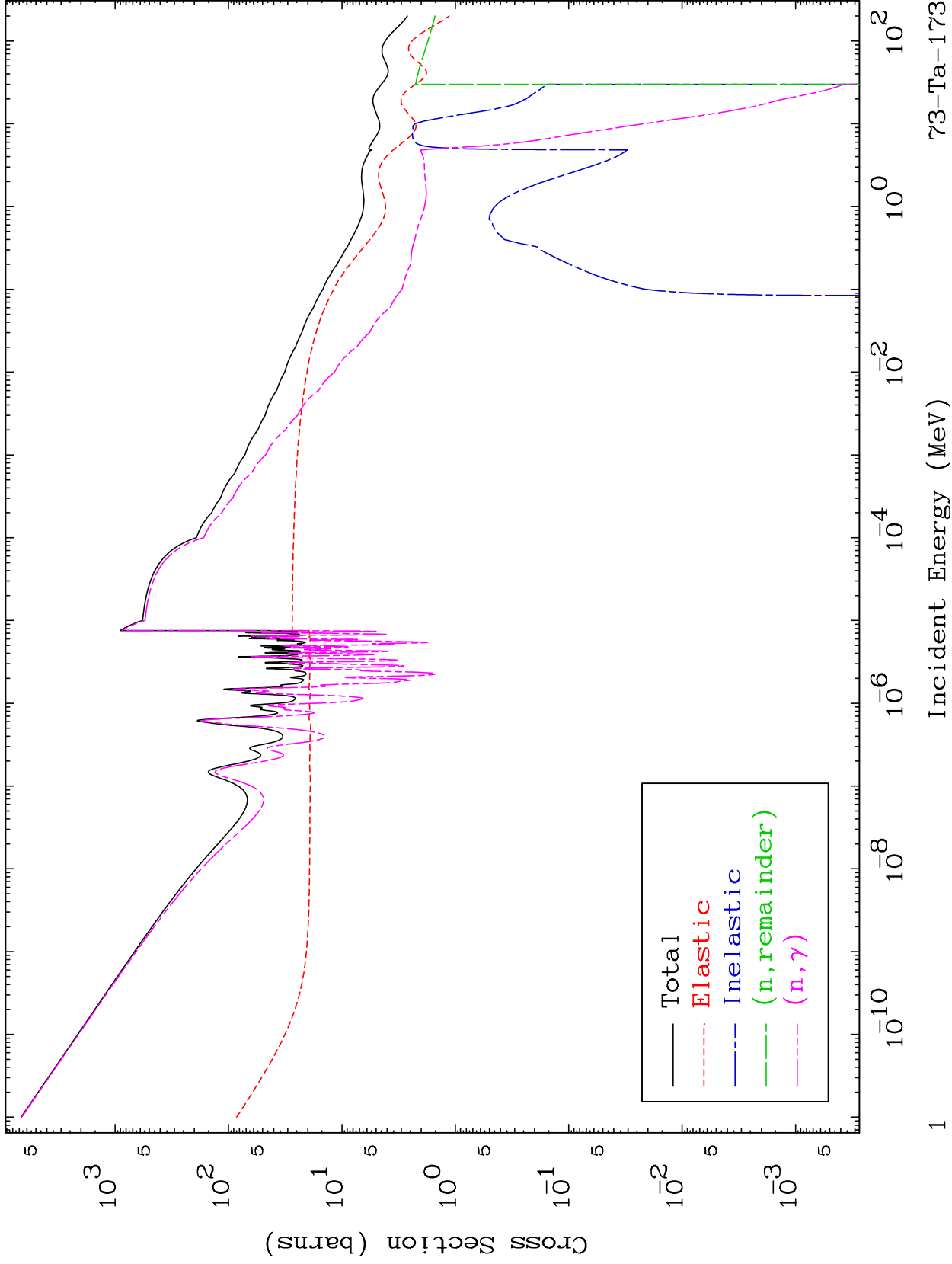
Press Mouse Button to Start

MAT 7304

Major

293 Kelvin Cross Sections

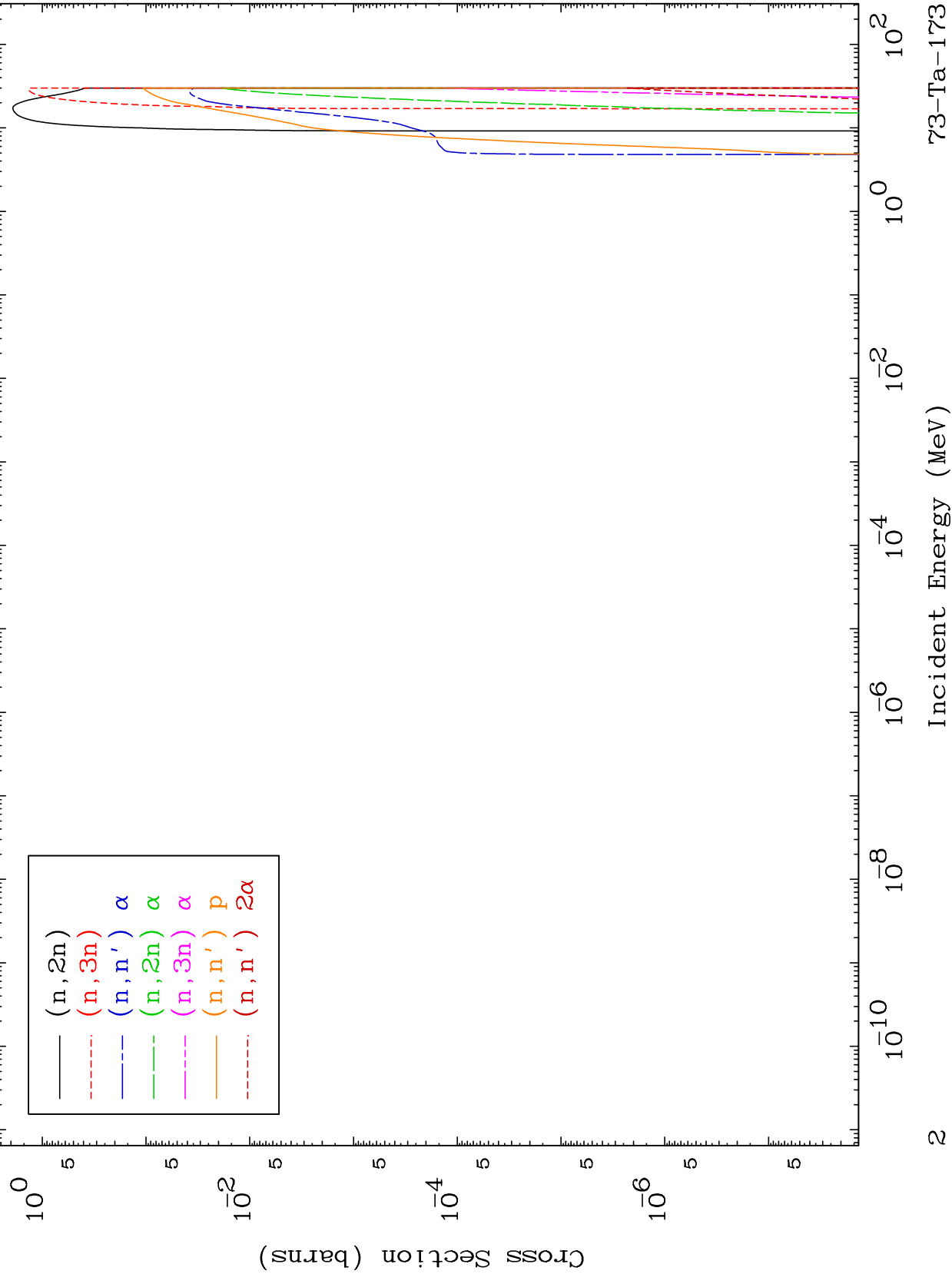
73-Ta-173



MAT 7304

Neutron Production
293 Kelvin Cross Sections

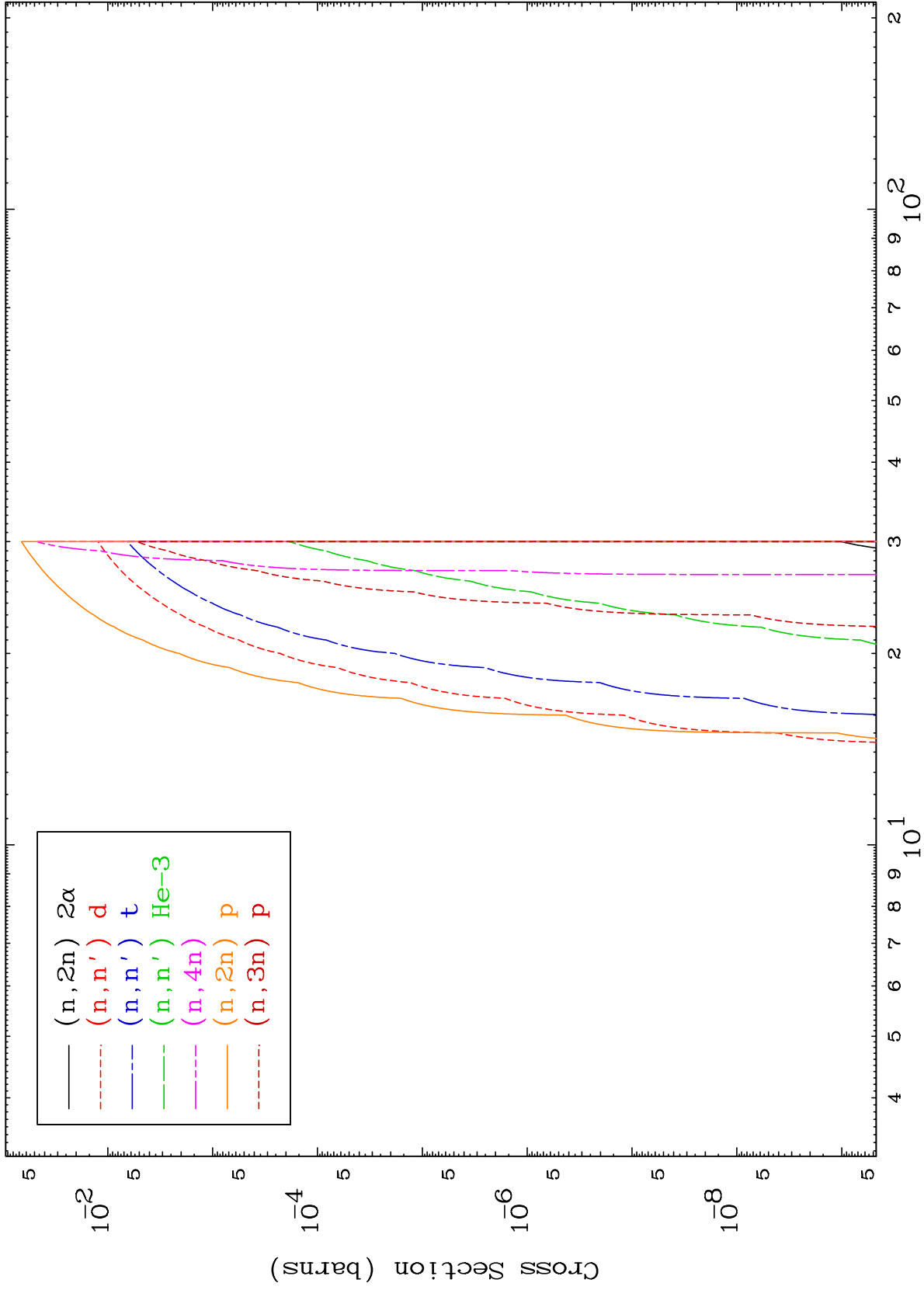
73-Ta-173



MAT 7304

Neutron Production
293 Kelvin Cross Sections

73-Ta-173



3

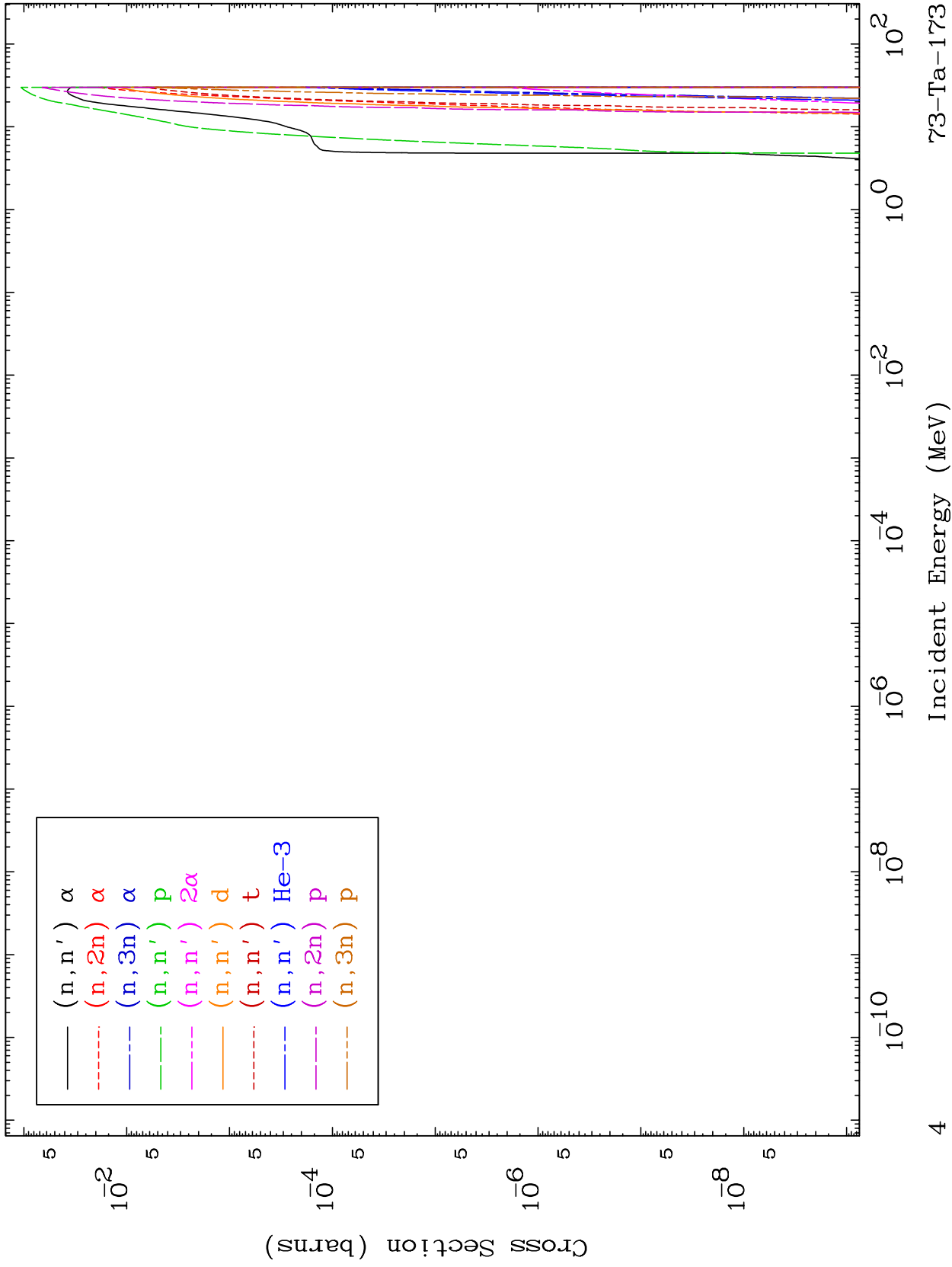
Incident Energy (MeV)

73-Ta-173

MAT 7304

Charged Particle
293 Kelvin Cross Sections

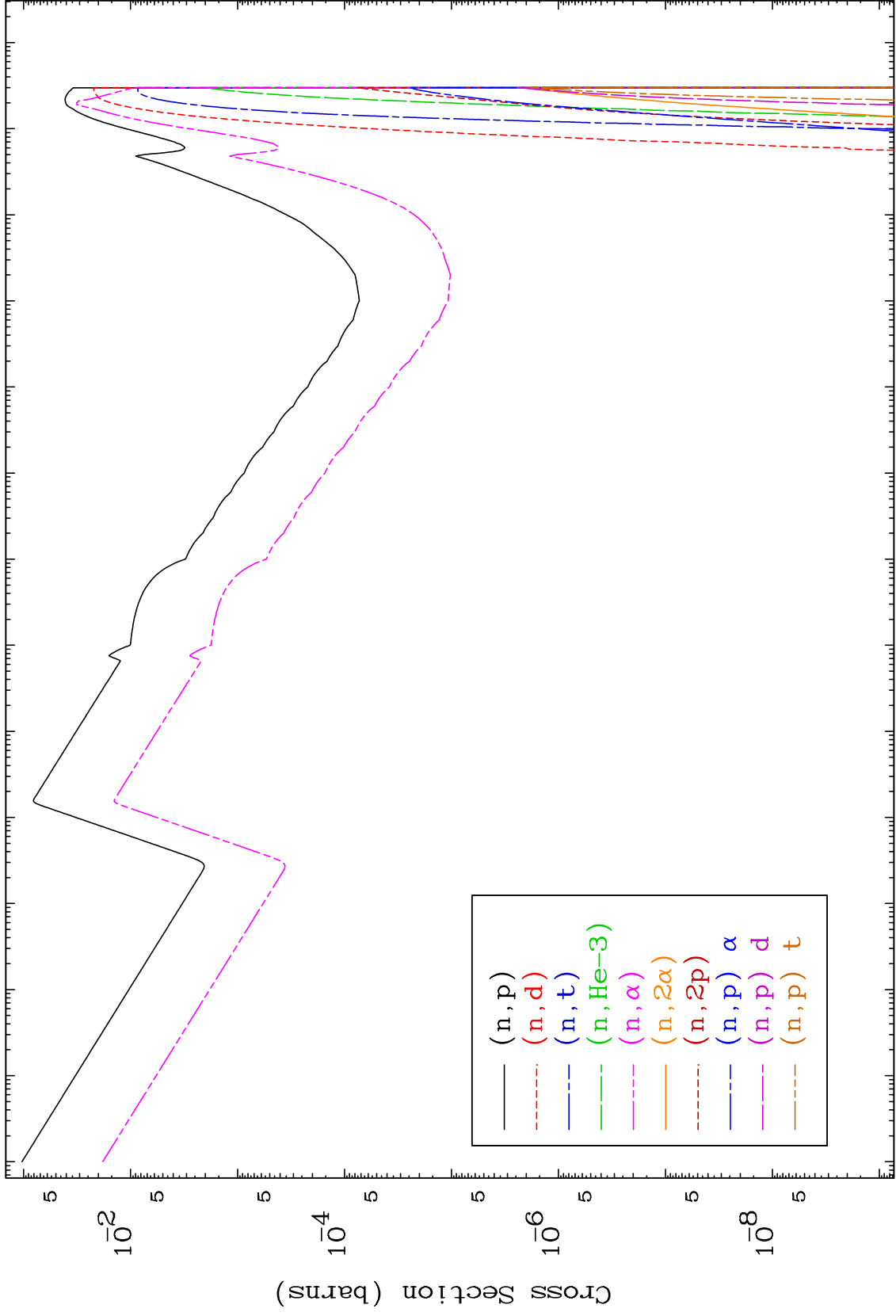
73-Ta-173



MAT 7304

Charged Particle
293 Kelvin Cross Sections

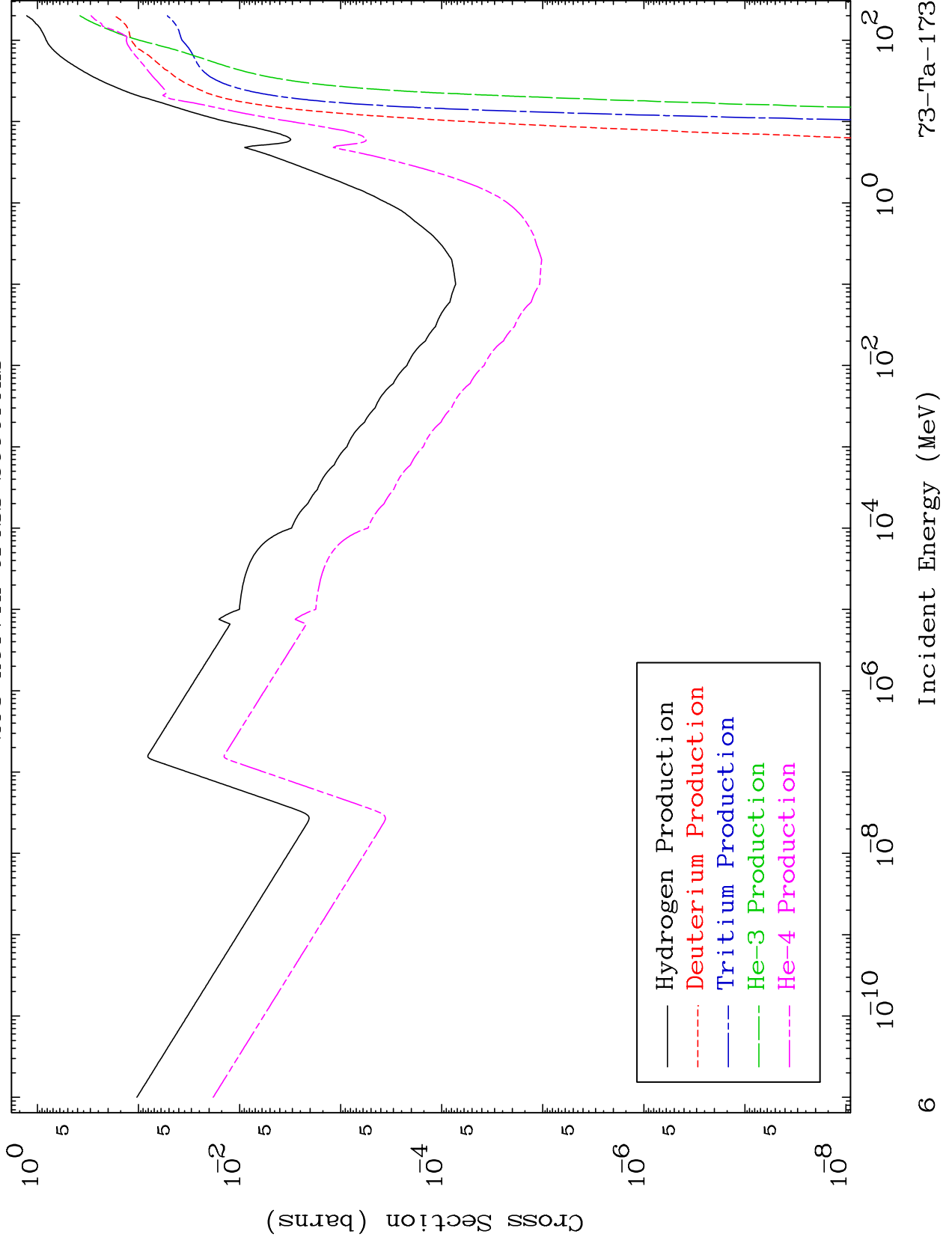
73-Ta-173



MAT 7304

Particle Production
293 Kelvin Cross Sections

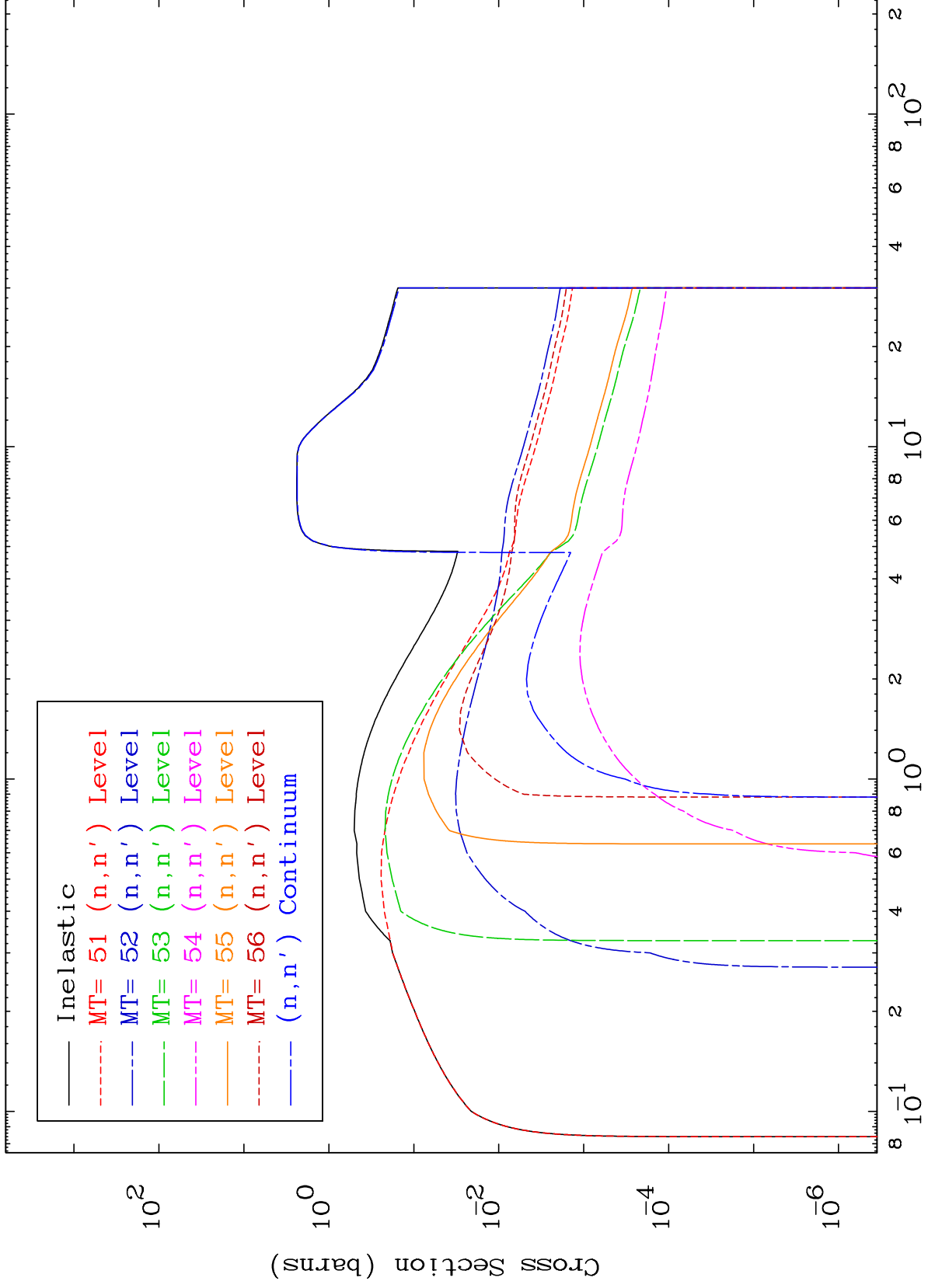
73-Ta-173



MAT 7304

(n,n') Level
293 Kelvin Cross Sections

73-Ta-173



Incident Energy (MeV)

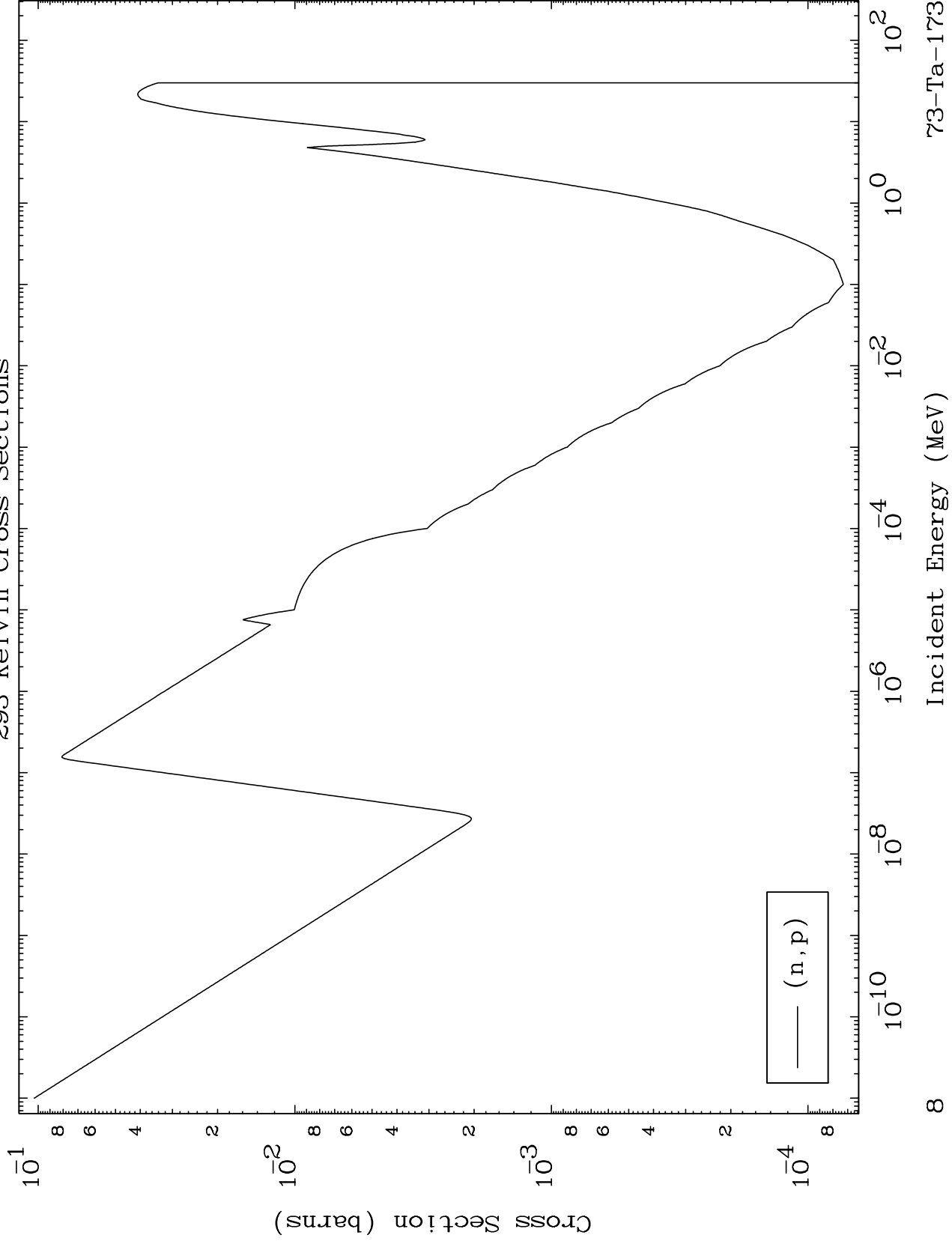
73-Ta-173

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MAT 7304

(n,p) Levels
293 Kelvin Cross Sections

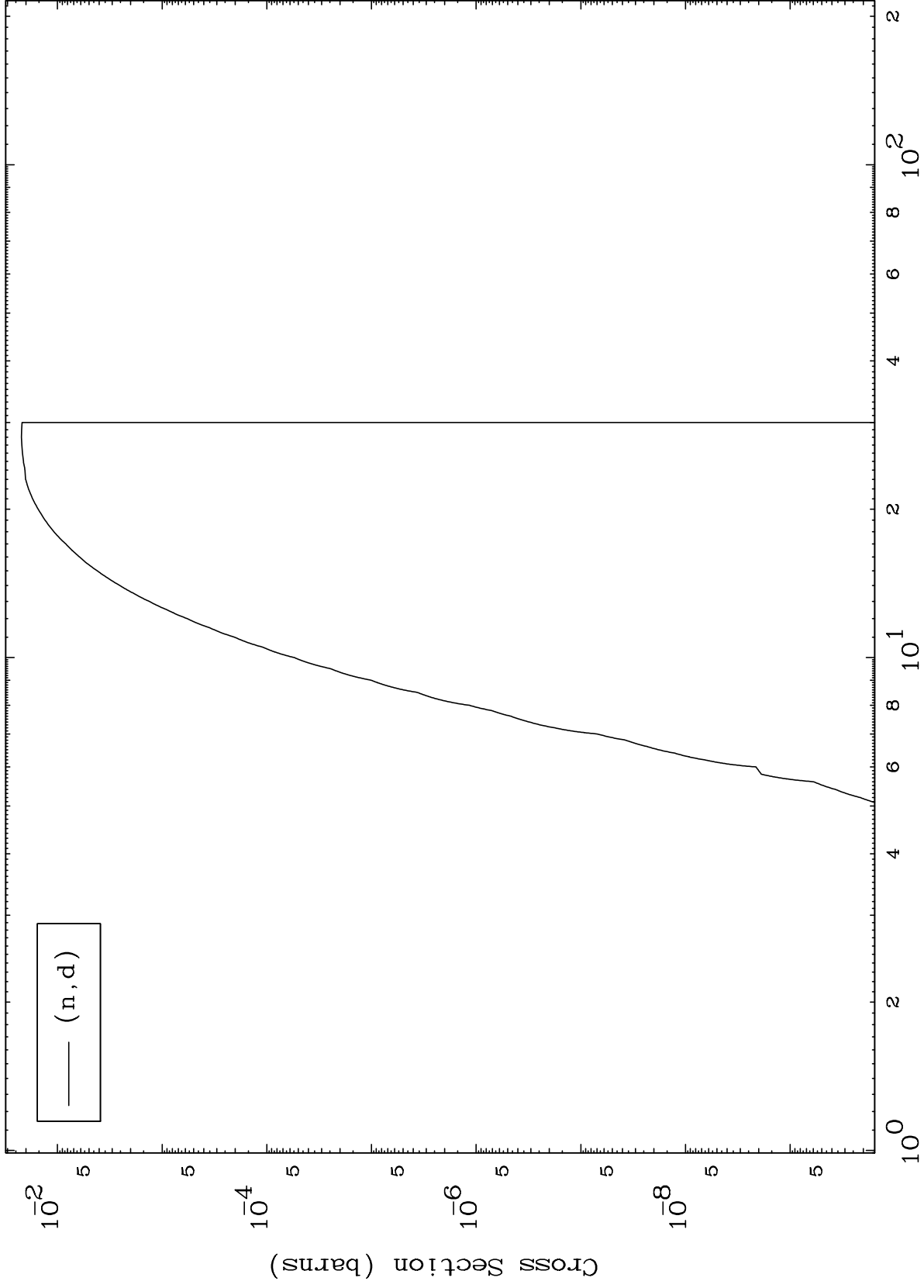
73-Ta-173



MAT 7304

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-173



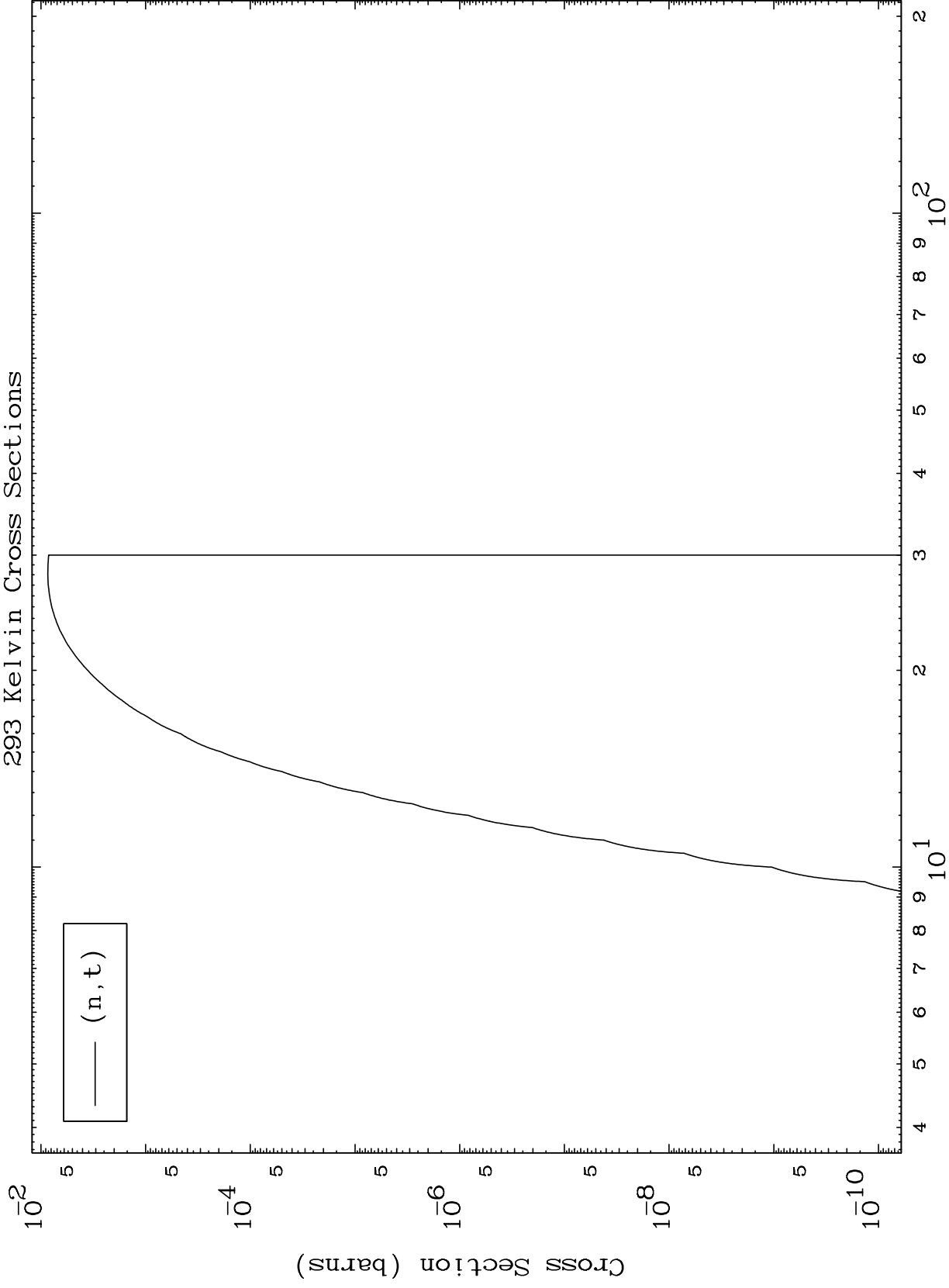
Incident Energy (MeV)

73-Ta-173

MAT 7304

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-173



10

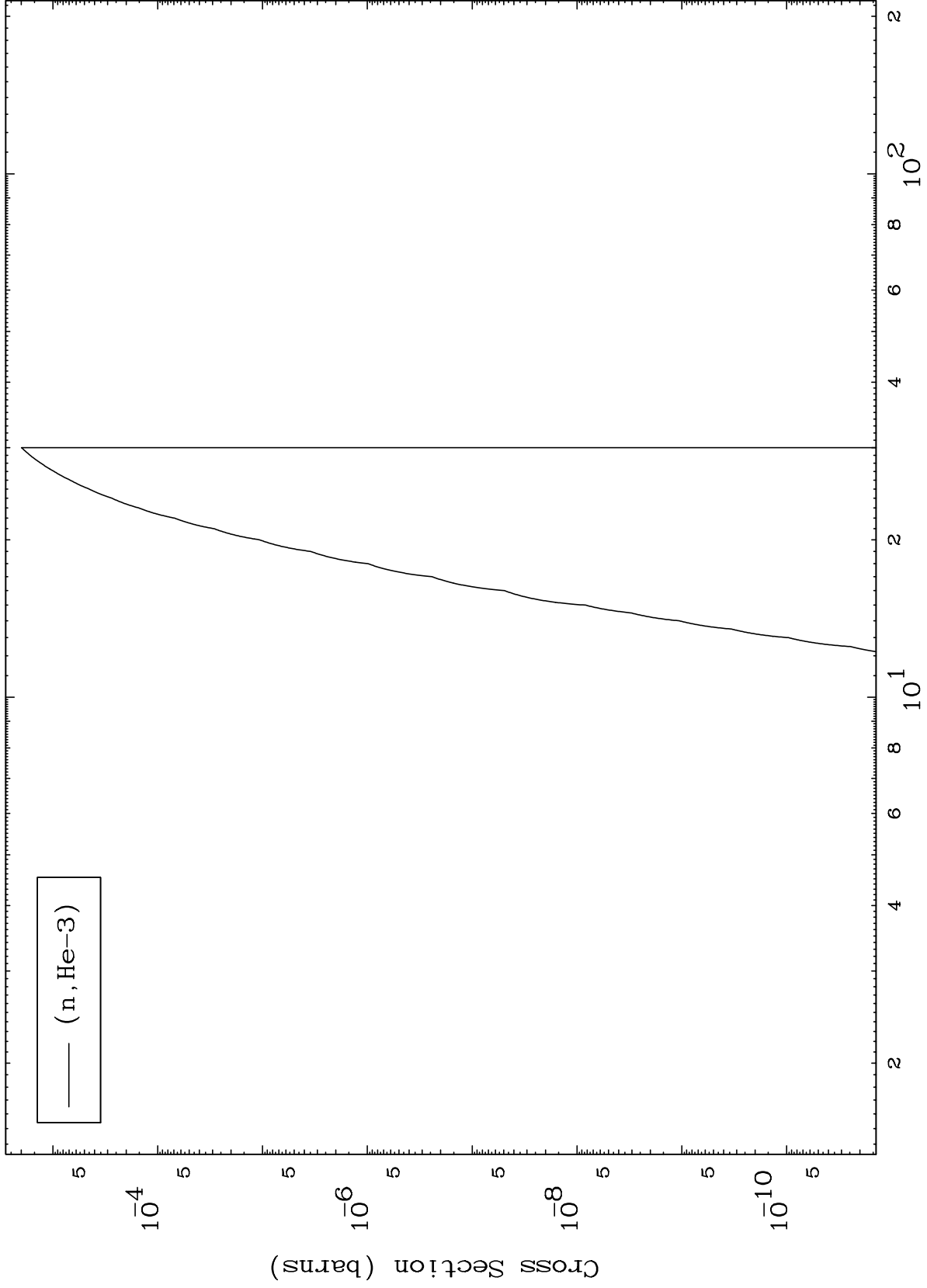
Incident Energy (MeV)

73-Ta-173

MAT 7304

(n,He3) Levels
293 Kelvin Cross Sections

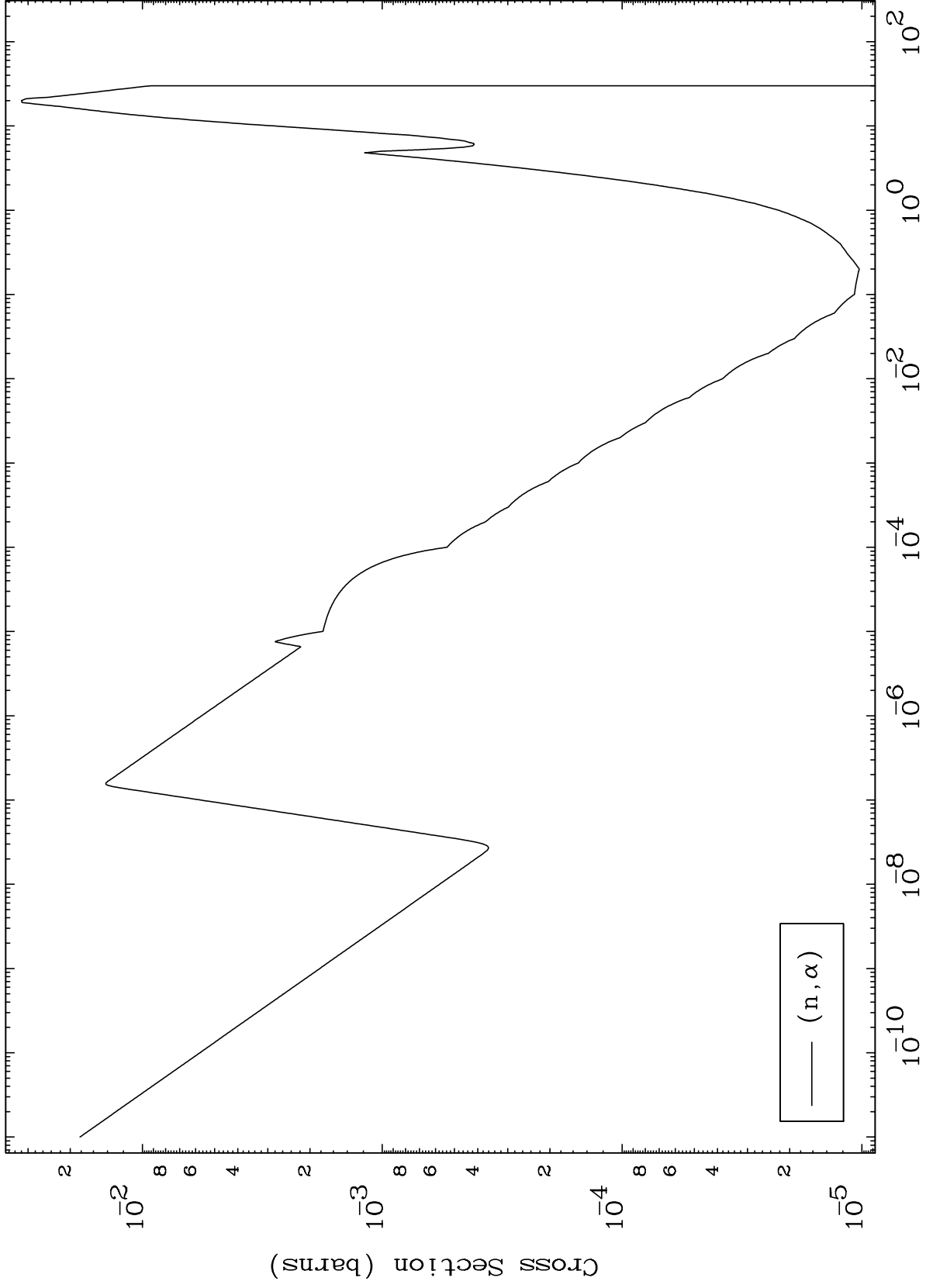
73-Ta-173



MAT 7304

(n,α) Levels
293 Kelvin Cross Sections

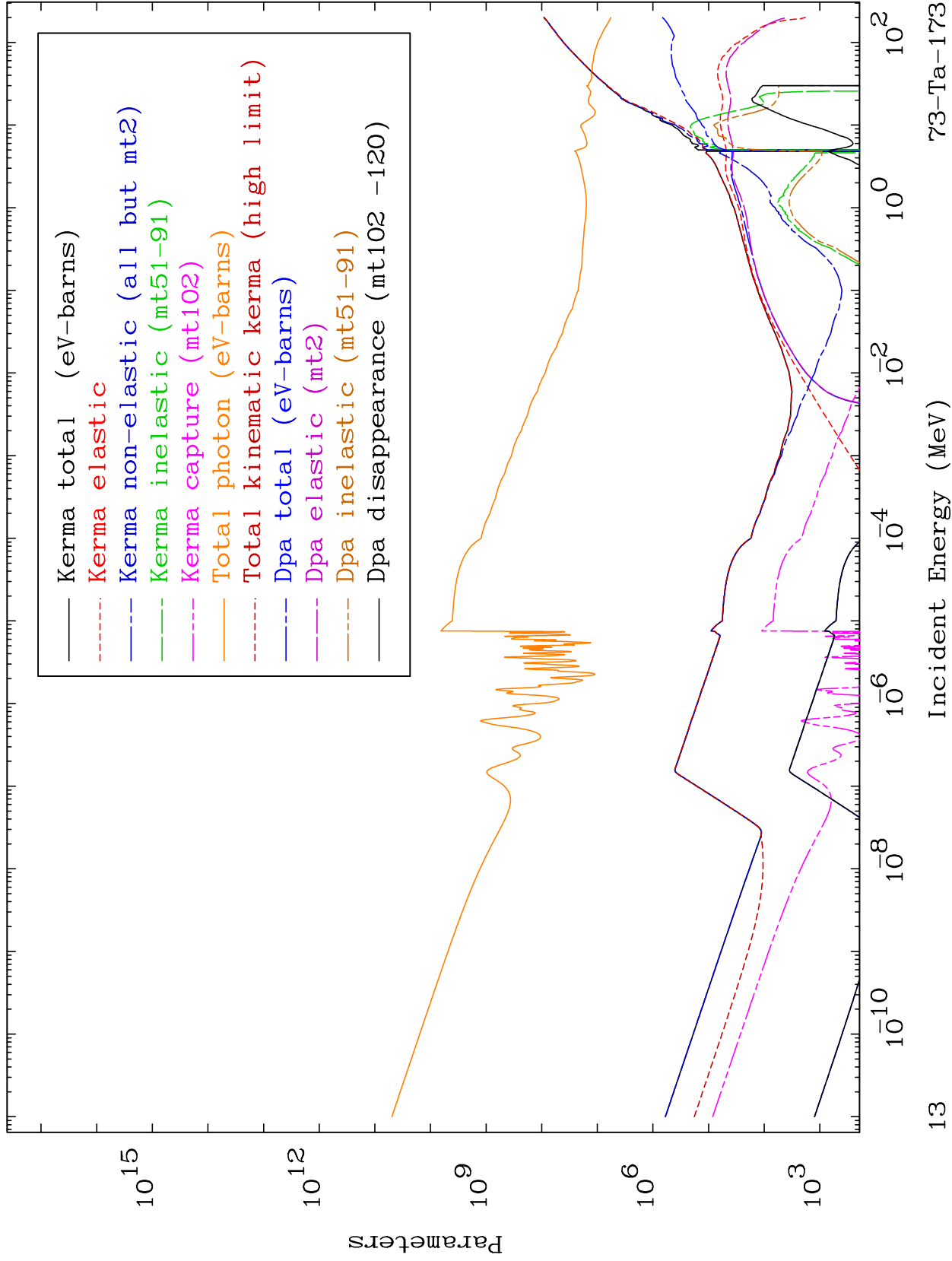
73-Ta-173

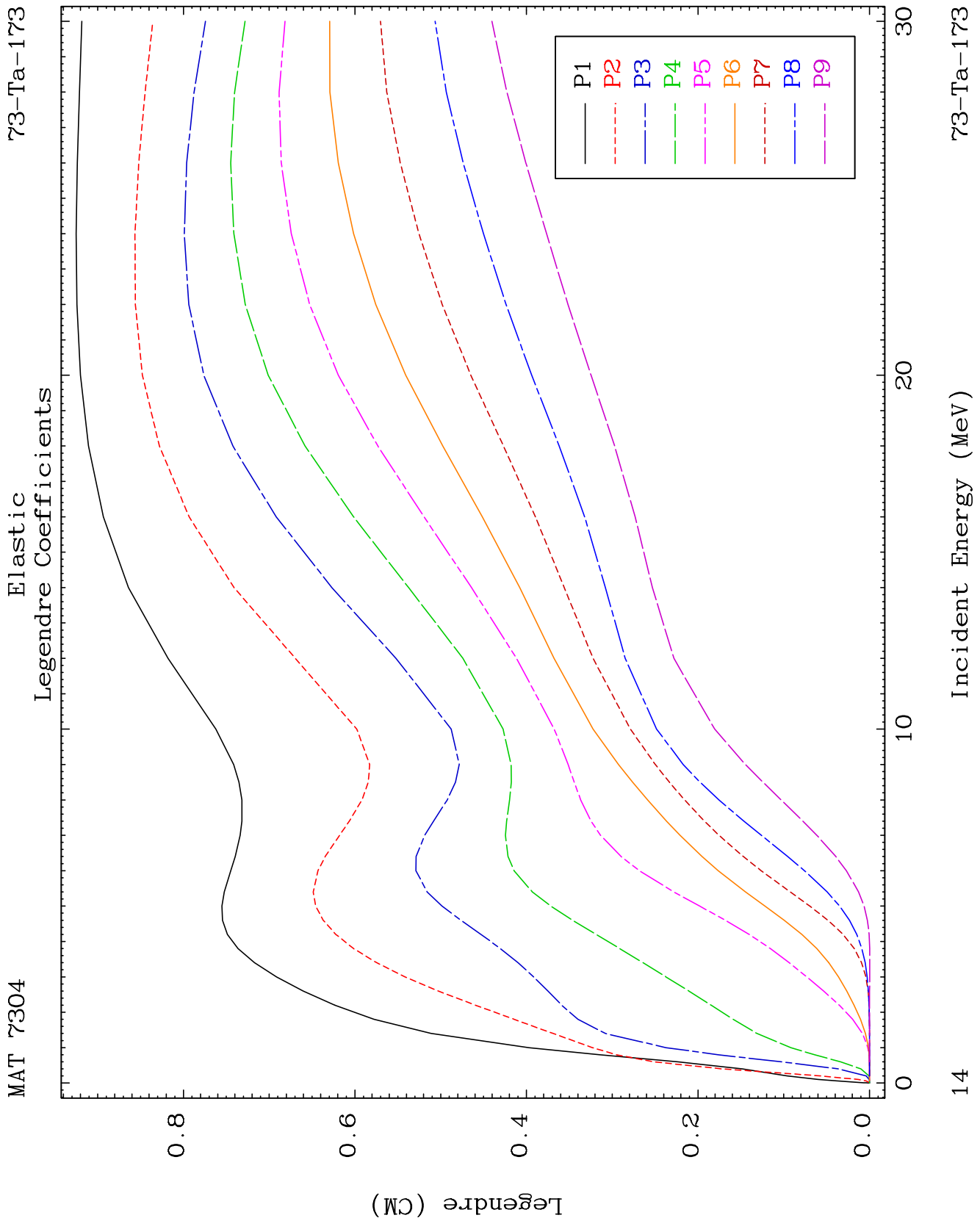


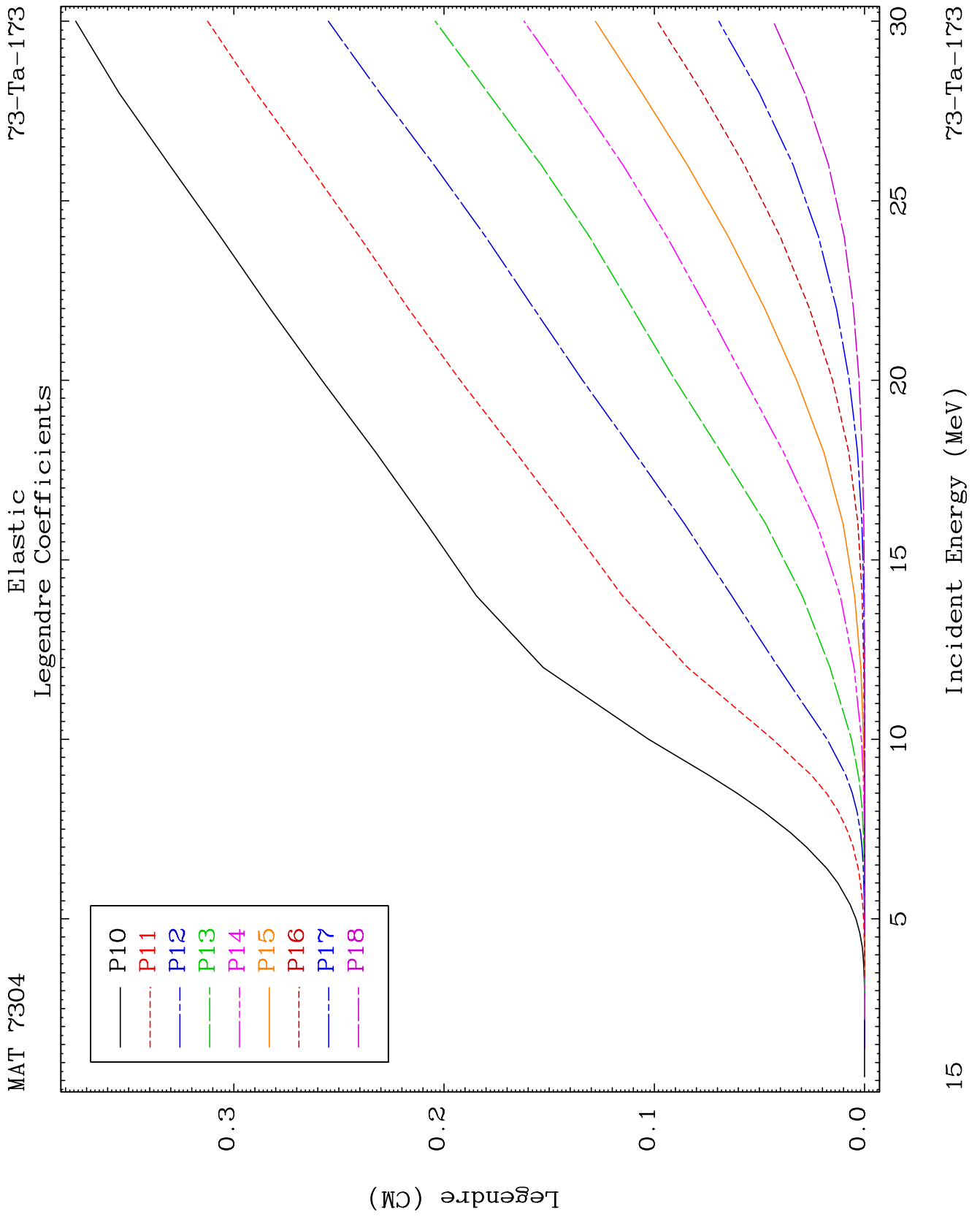
12

Incident Energy (MeV)

73-Ta-173



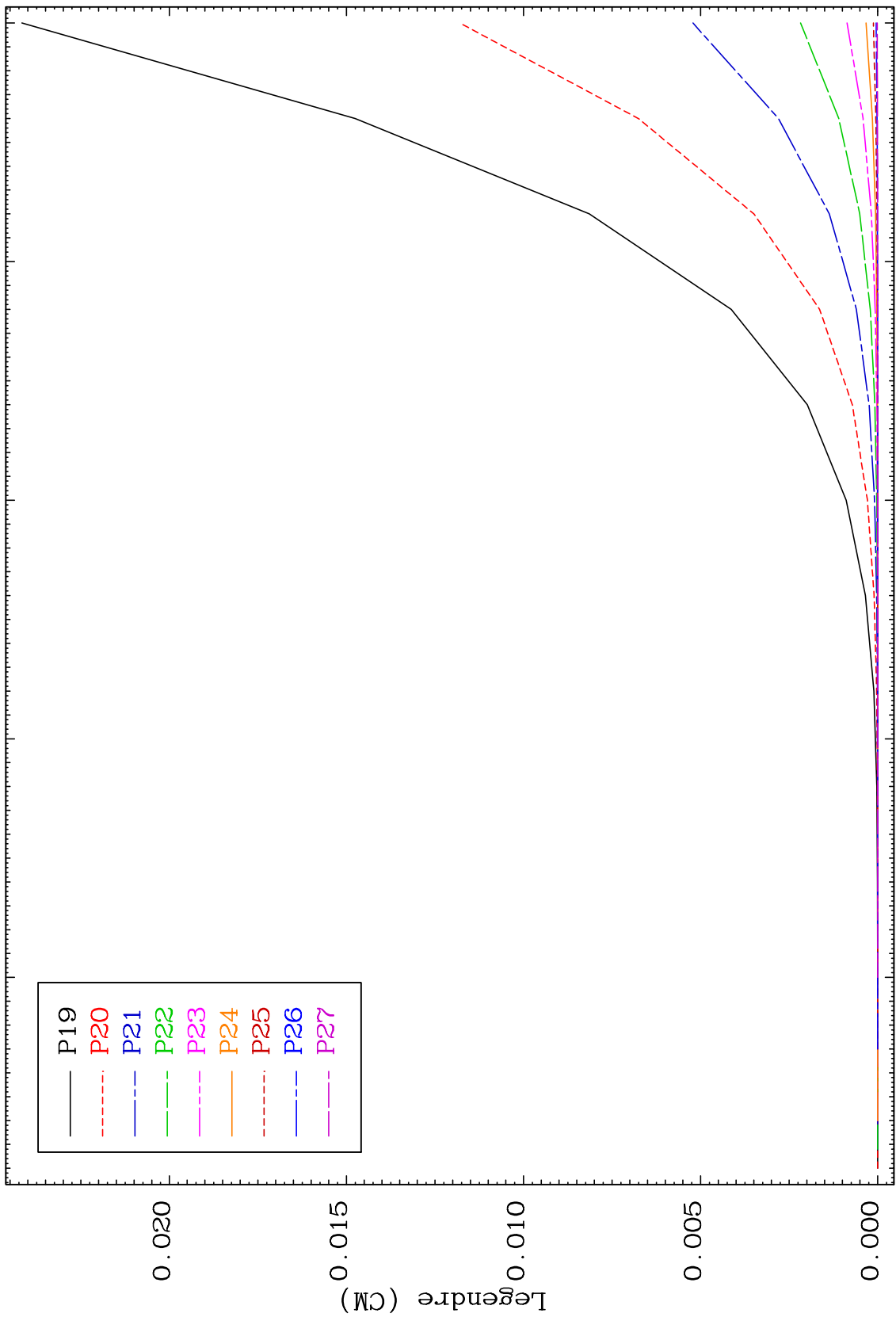




MAT 7304

Elastic Legendre Coefficients

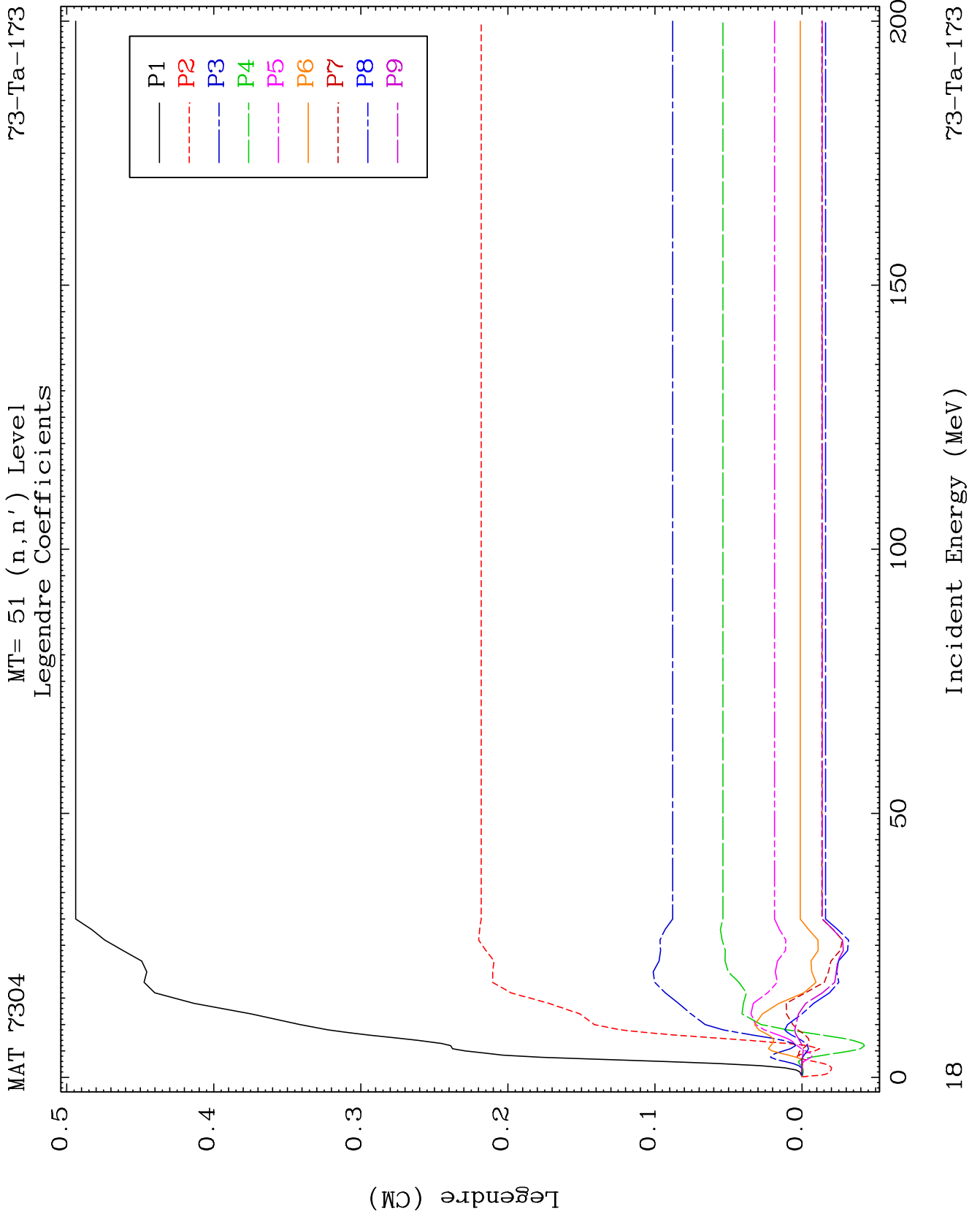
73-Ta-173



16

Incident Energy (MeV)

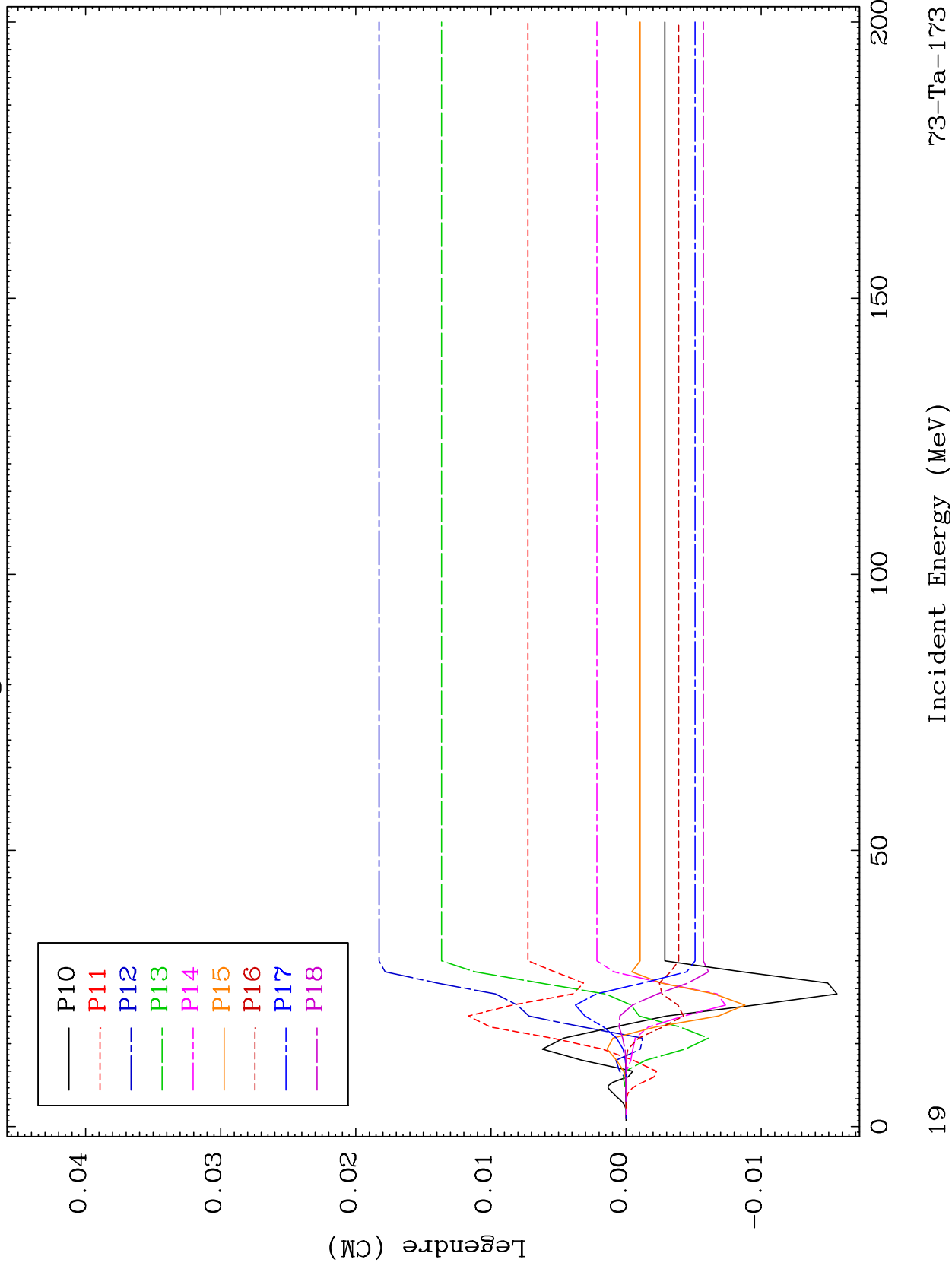
73-Ta-173



MAT 7304

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

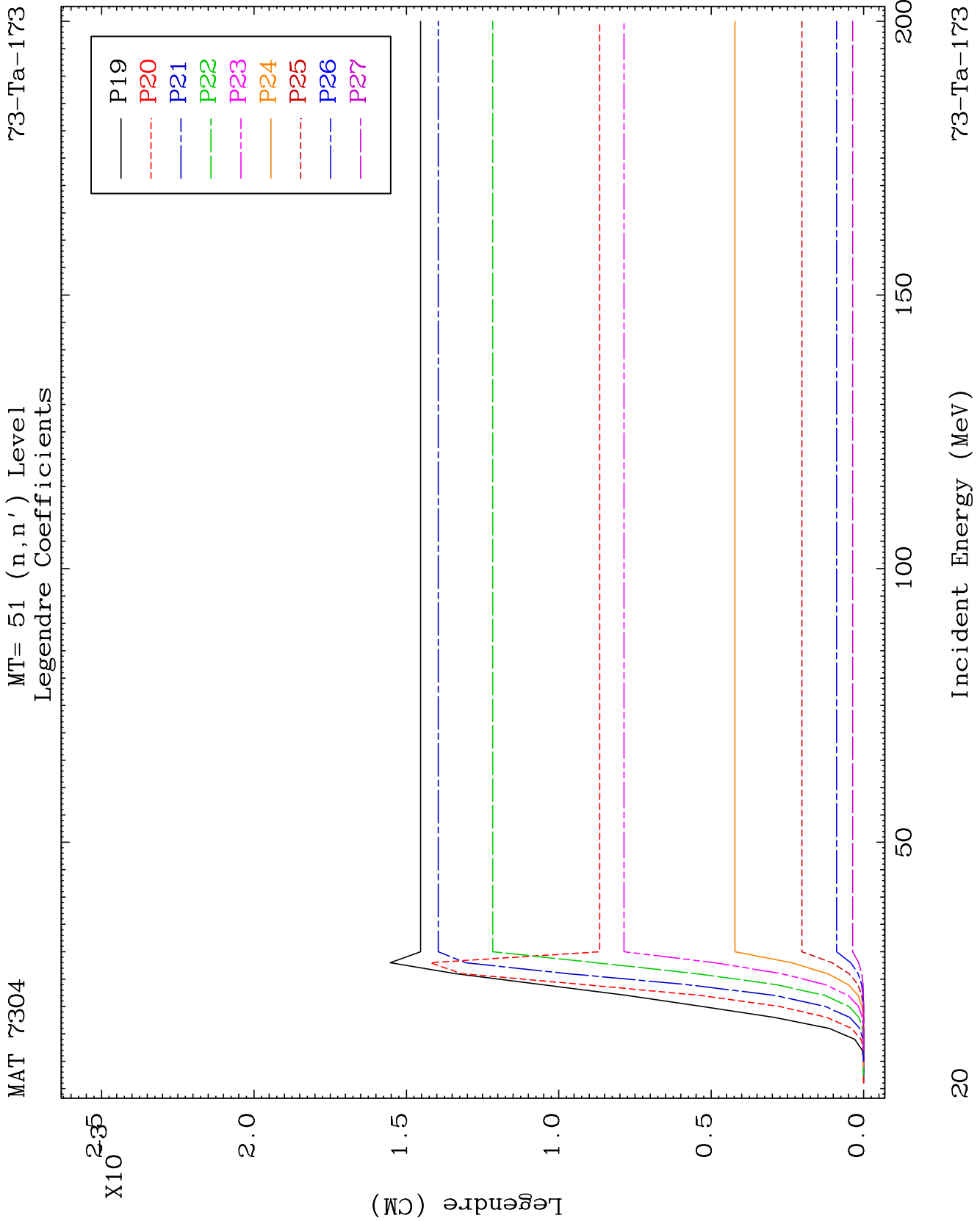
73-Ta-173



19

Incident Energy (MeV)

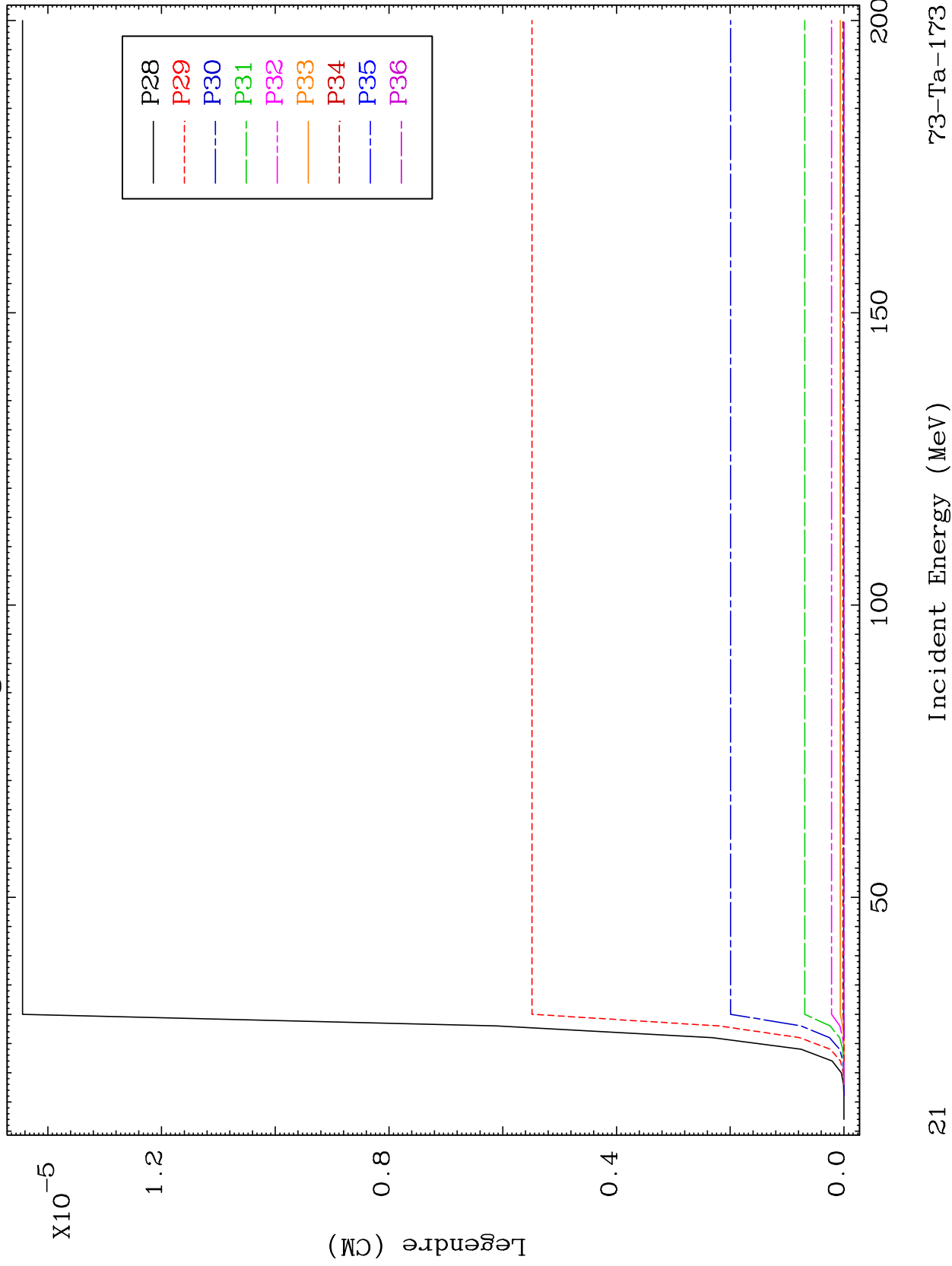
73-Ta-173



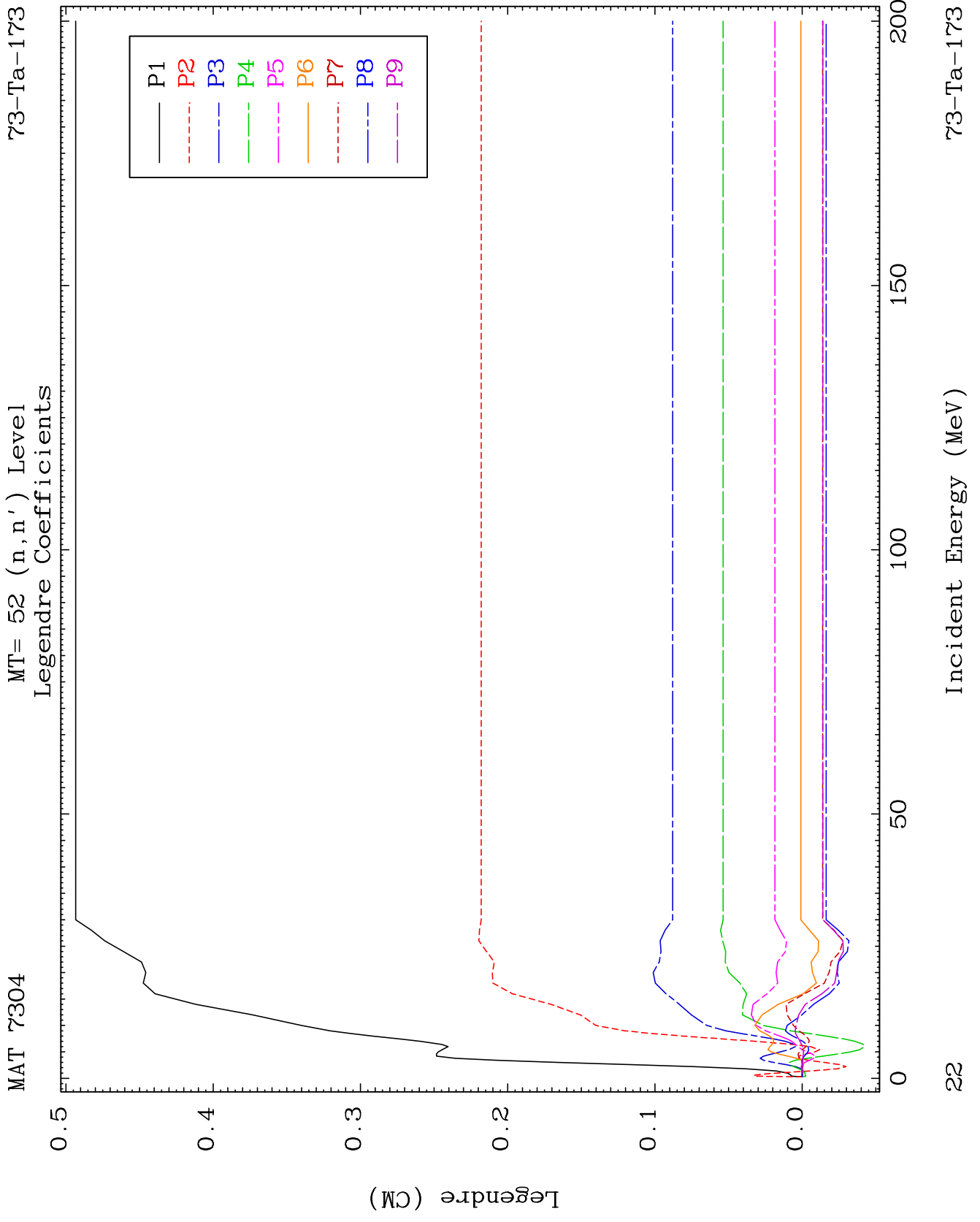
MAT 7304

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

73-Ta-173



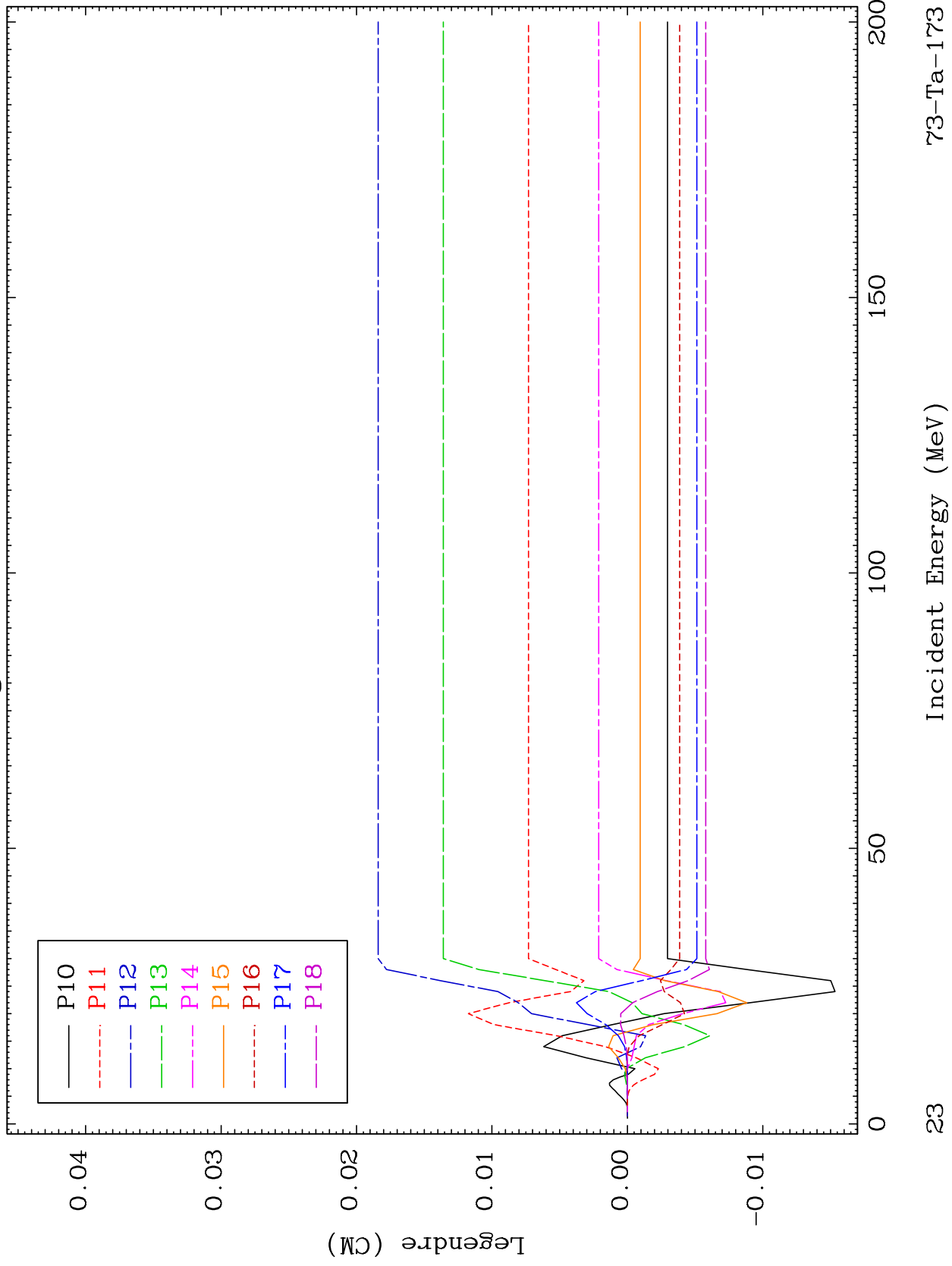
21



MAT 7304

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

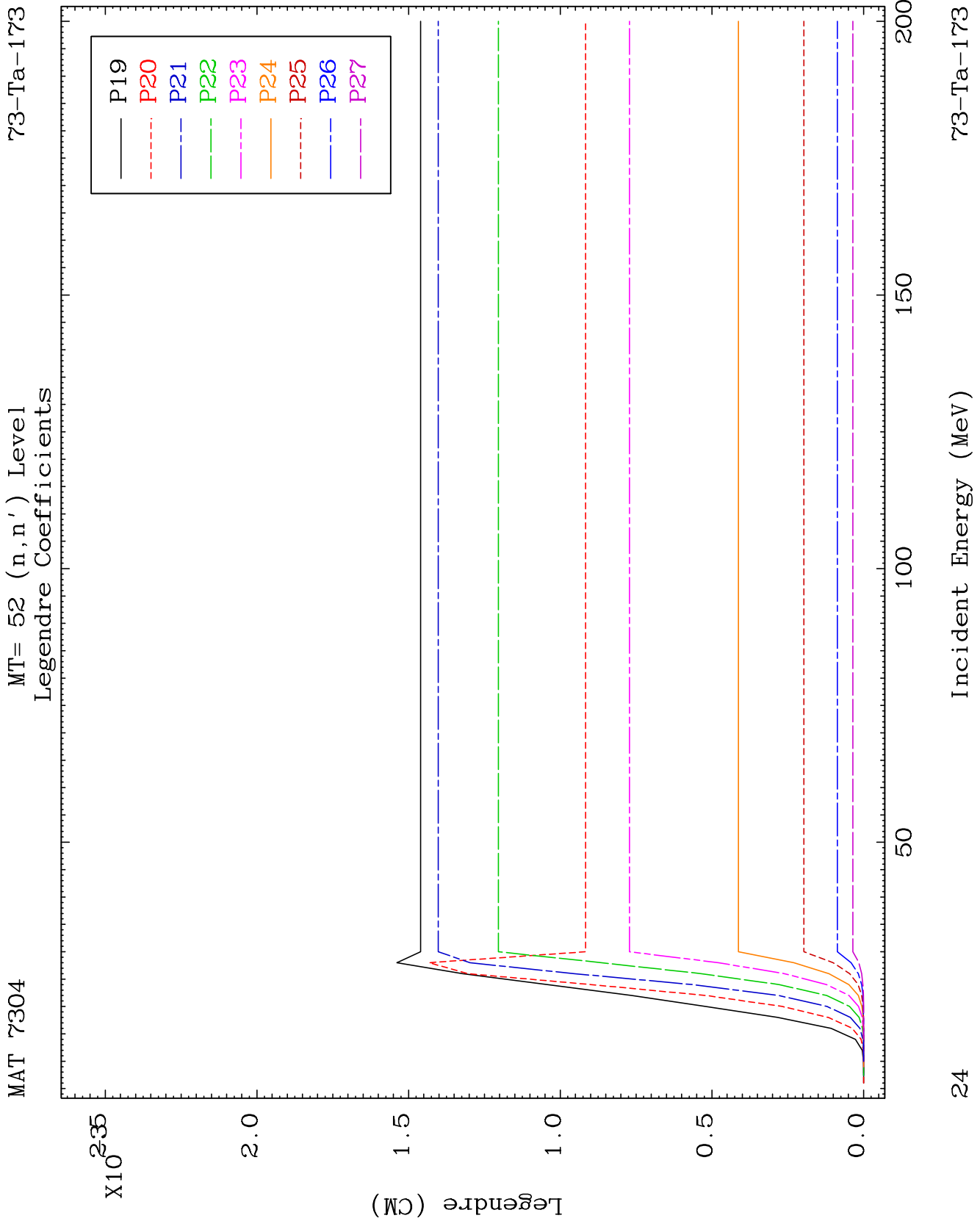
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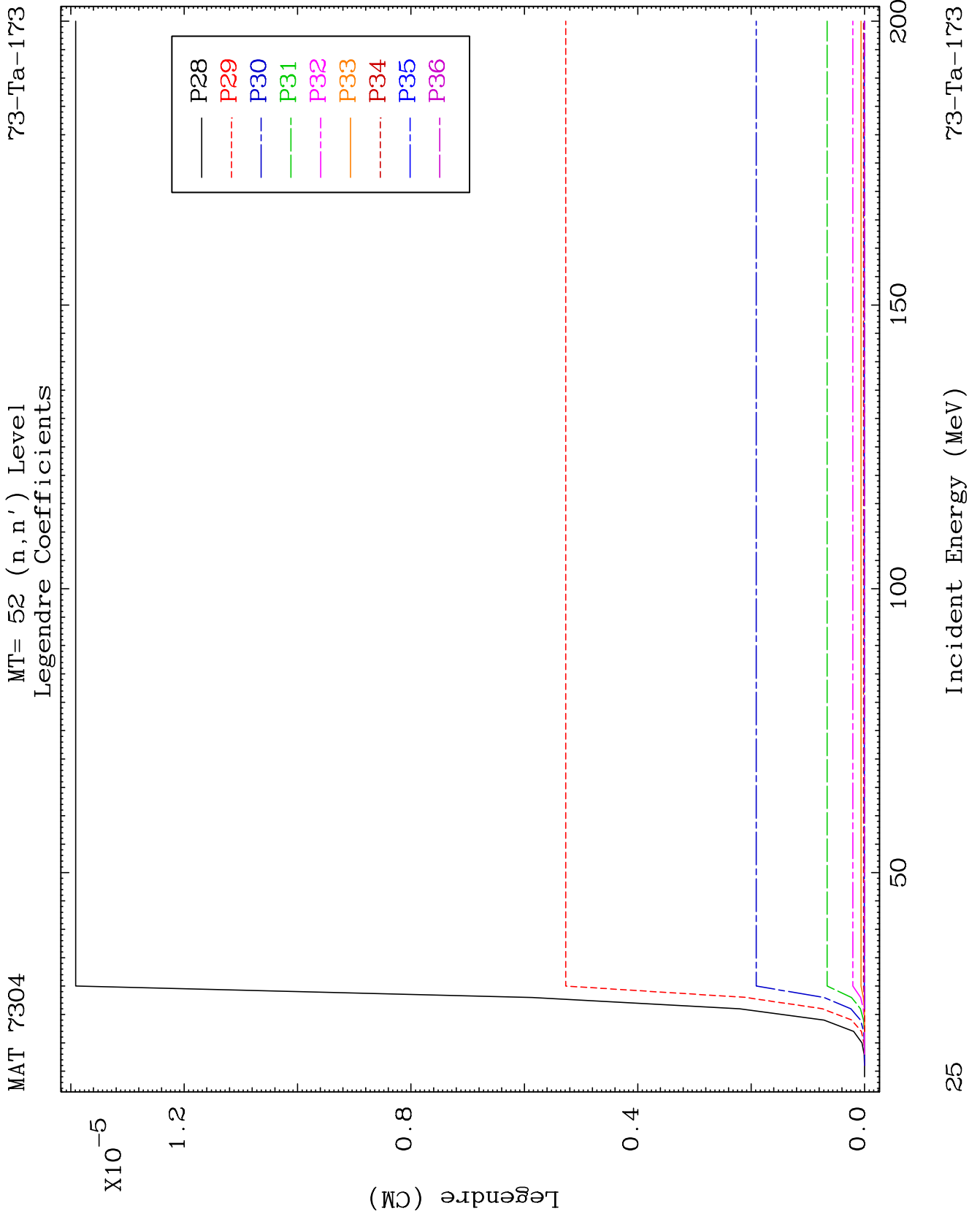


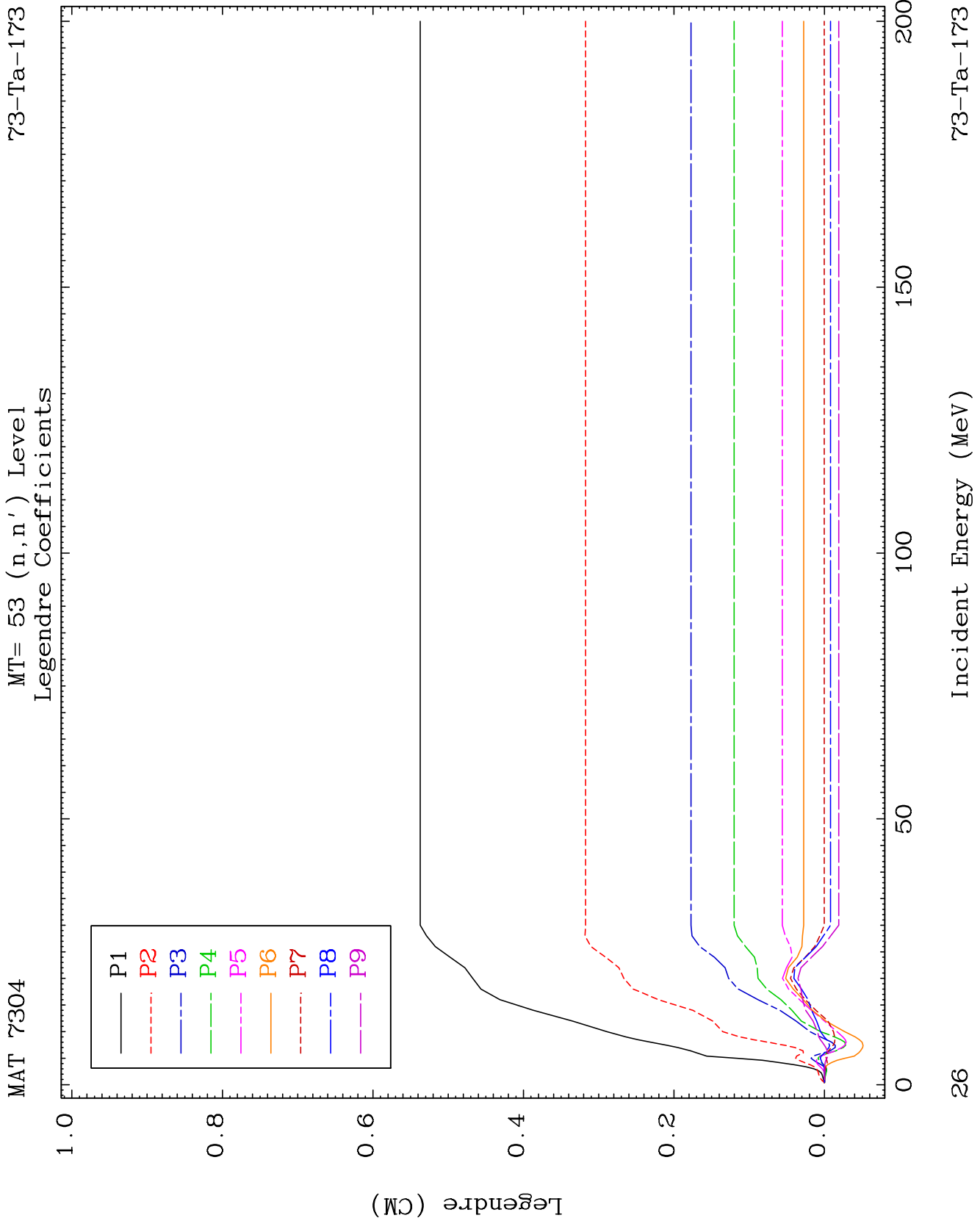
23

Incident Energy (MeV)

73-Ta-173



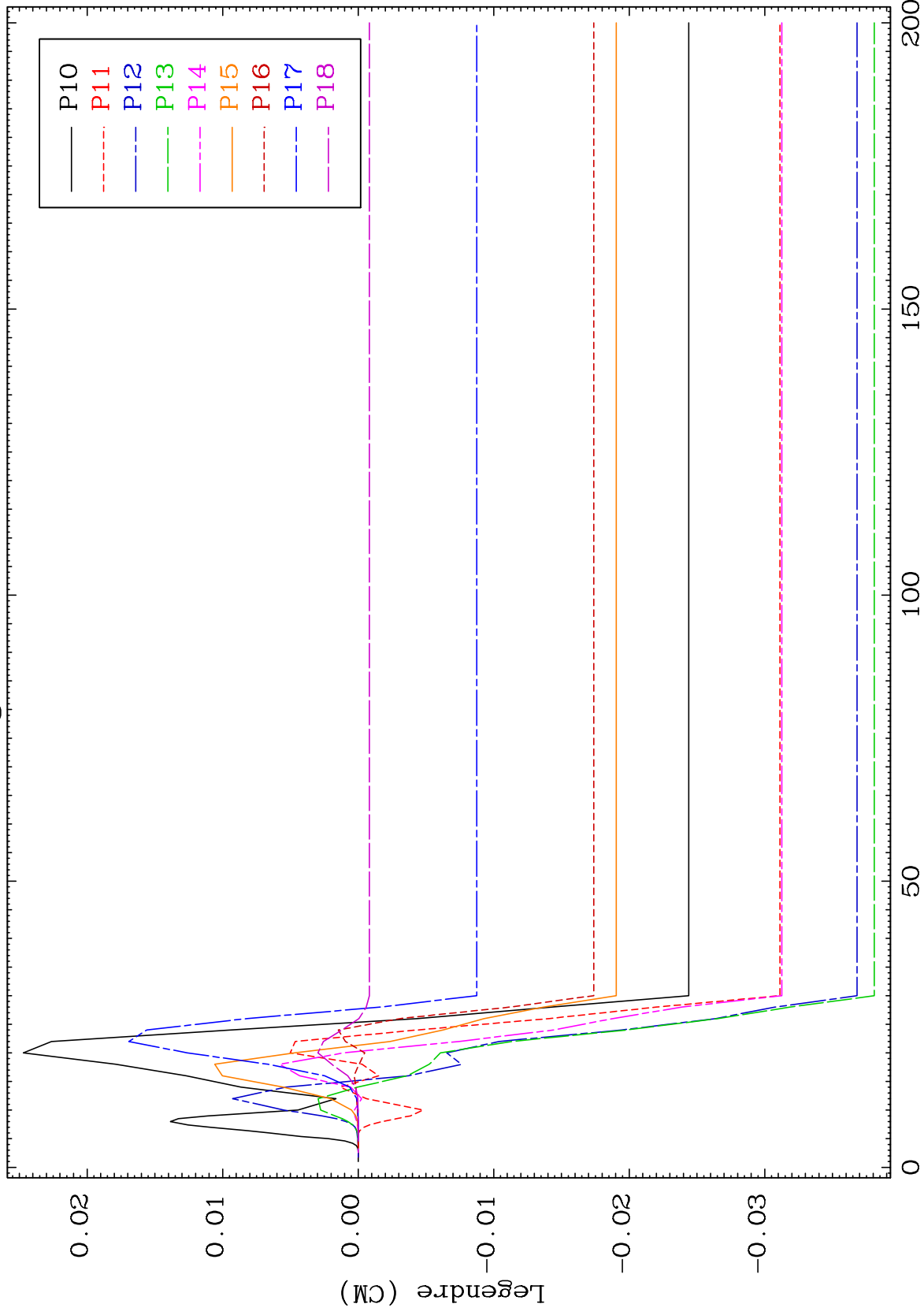




MAT 7304

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

73-Ta-173



27

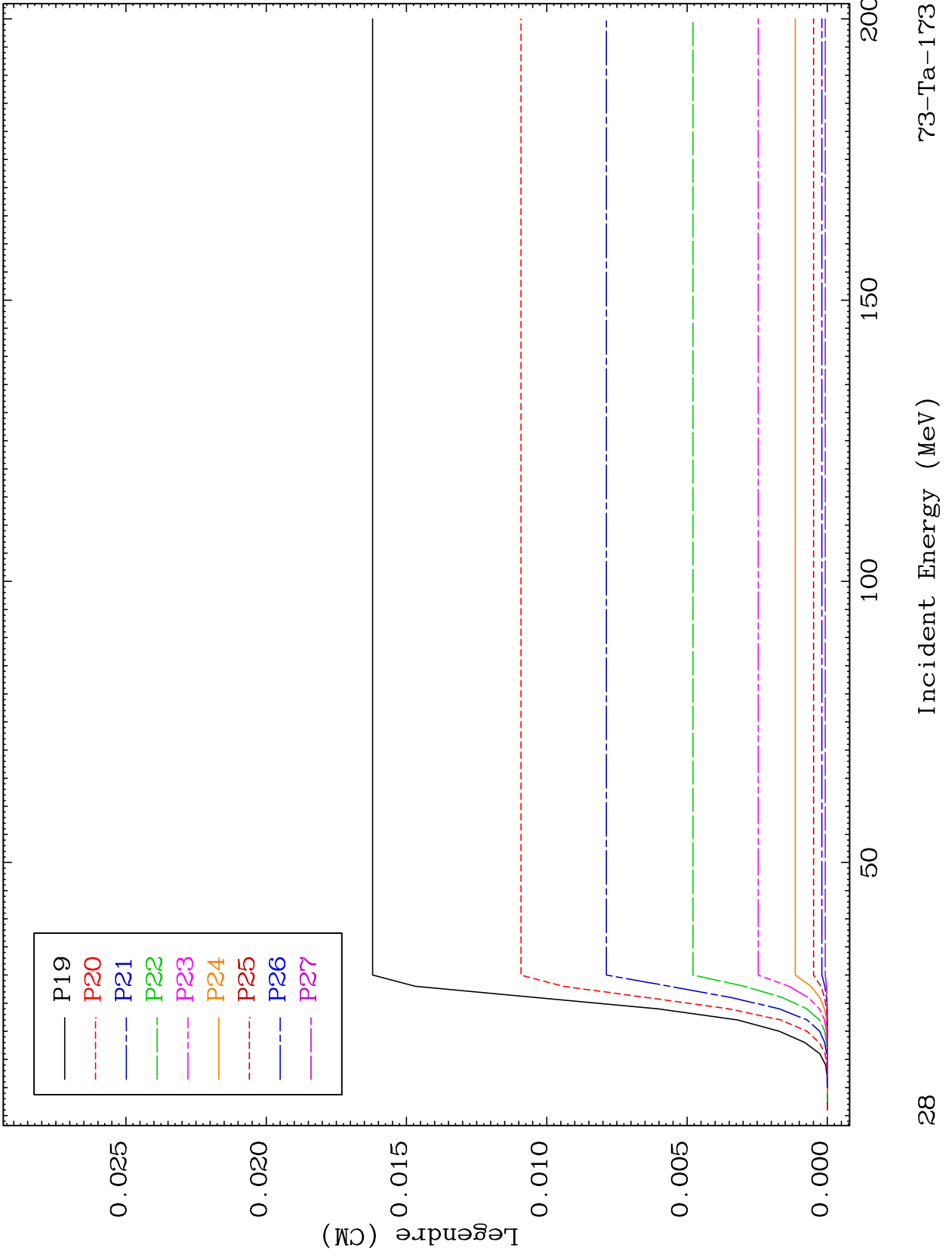
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

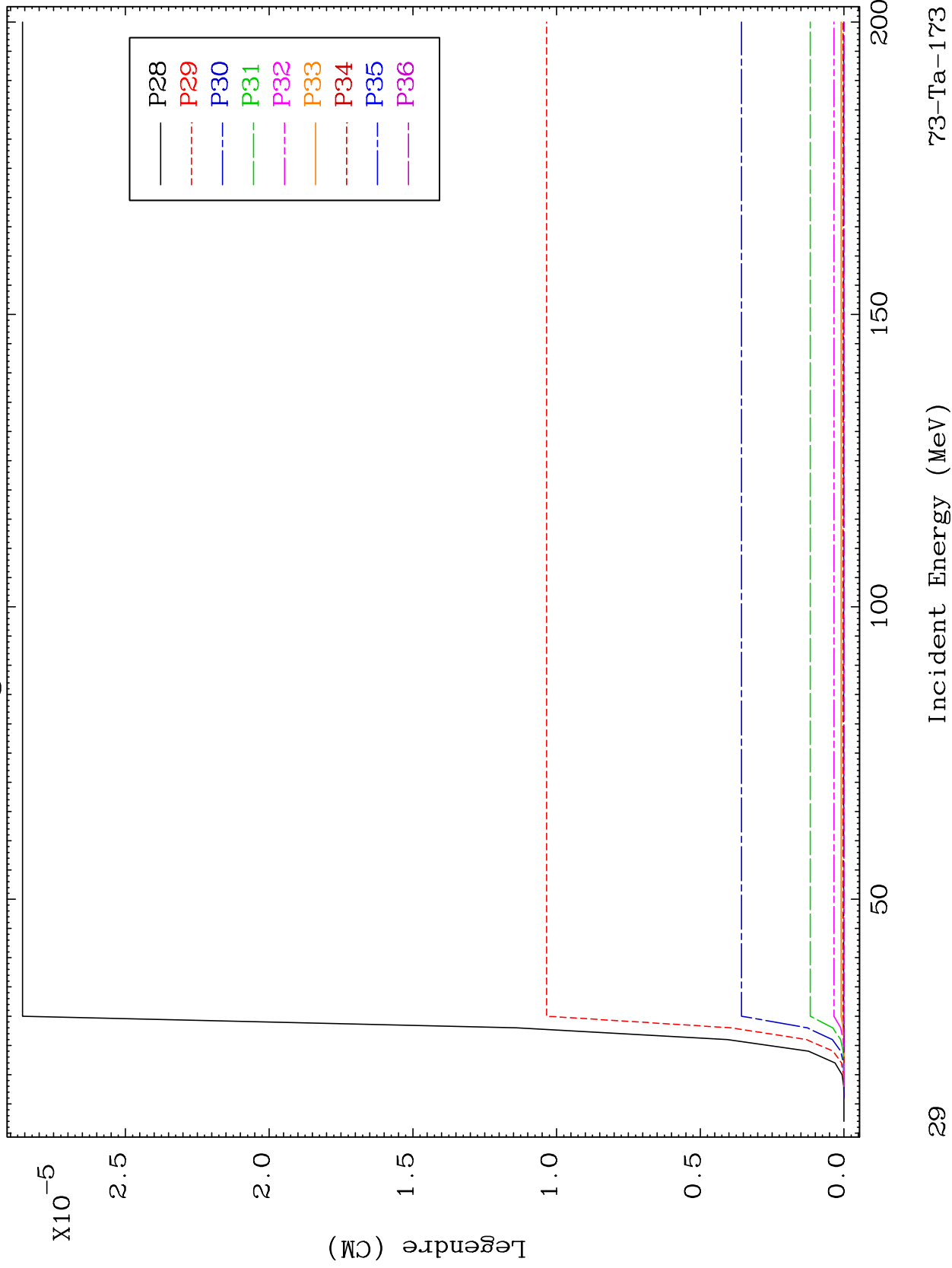
73-Ta-173



MAT 7304

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

73-Ta-173

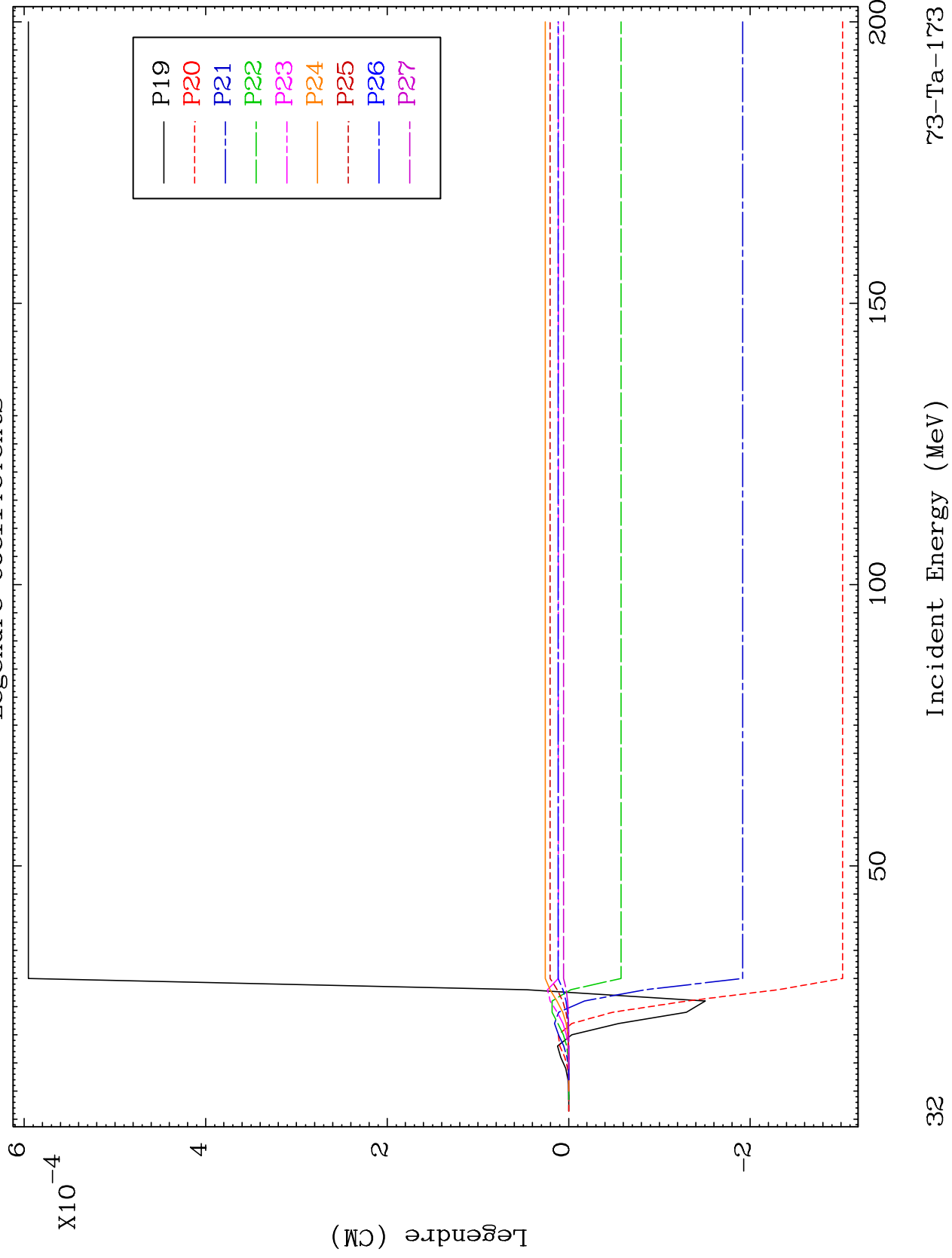


29

MAT 7304

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

73-Ta-173



32

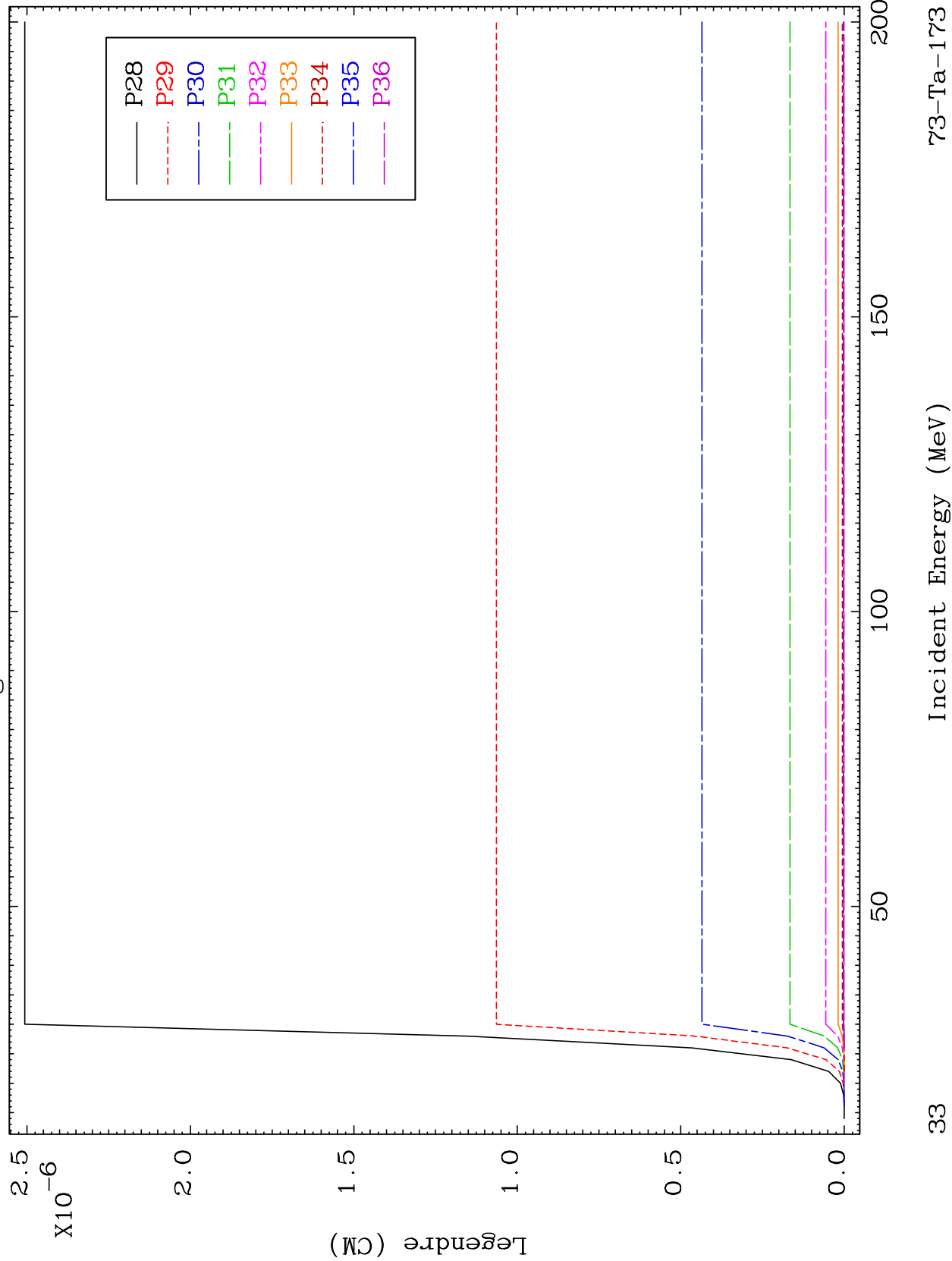
Incident Energy (MeV)

73-Ta-173

MAT 7304

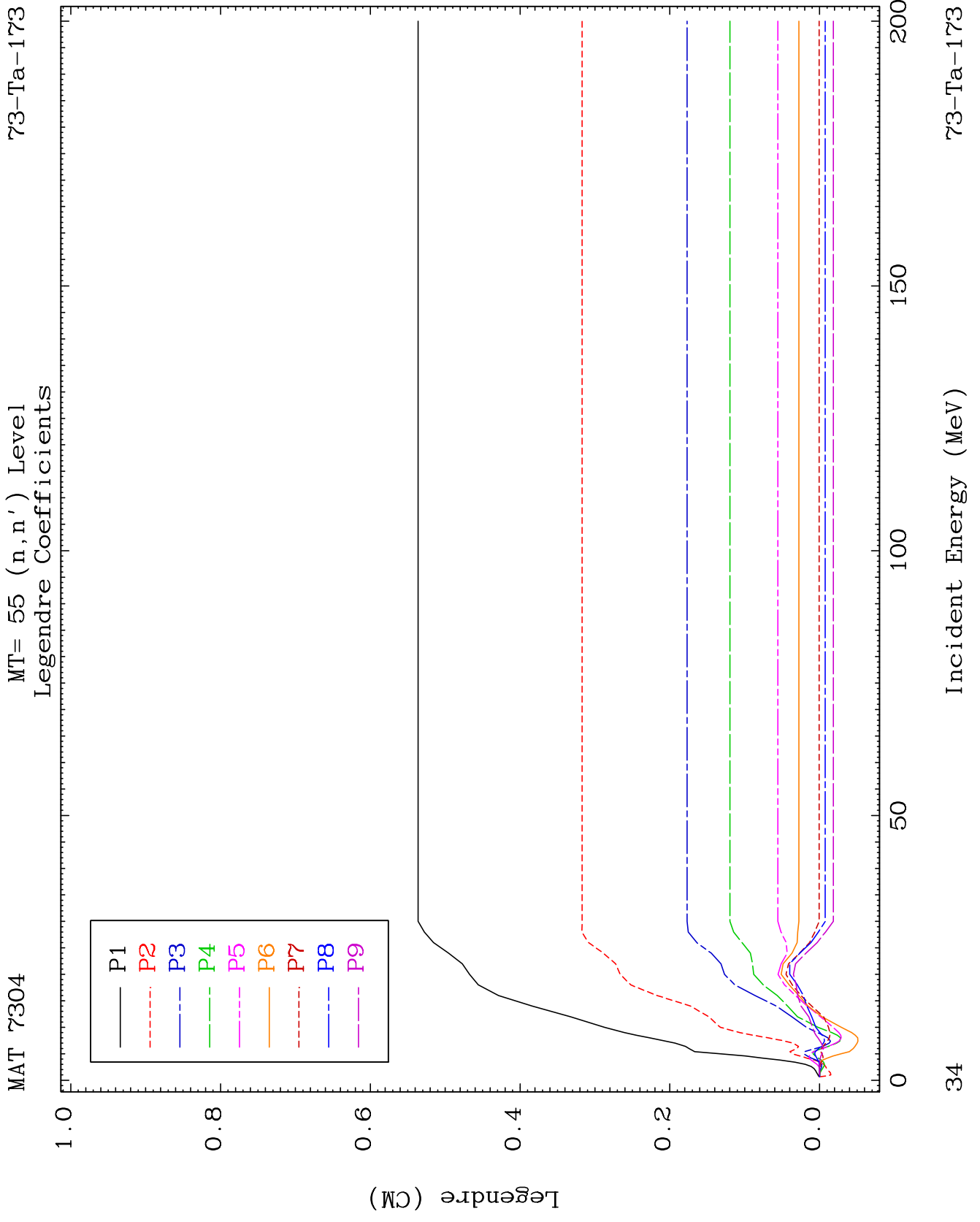
MT= 54 (n,n') Level
Legendre Coefficients

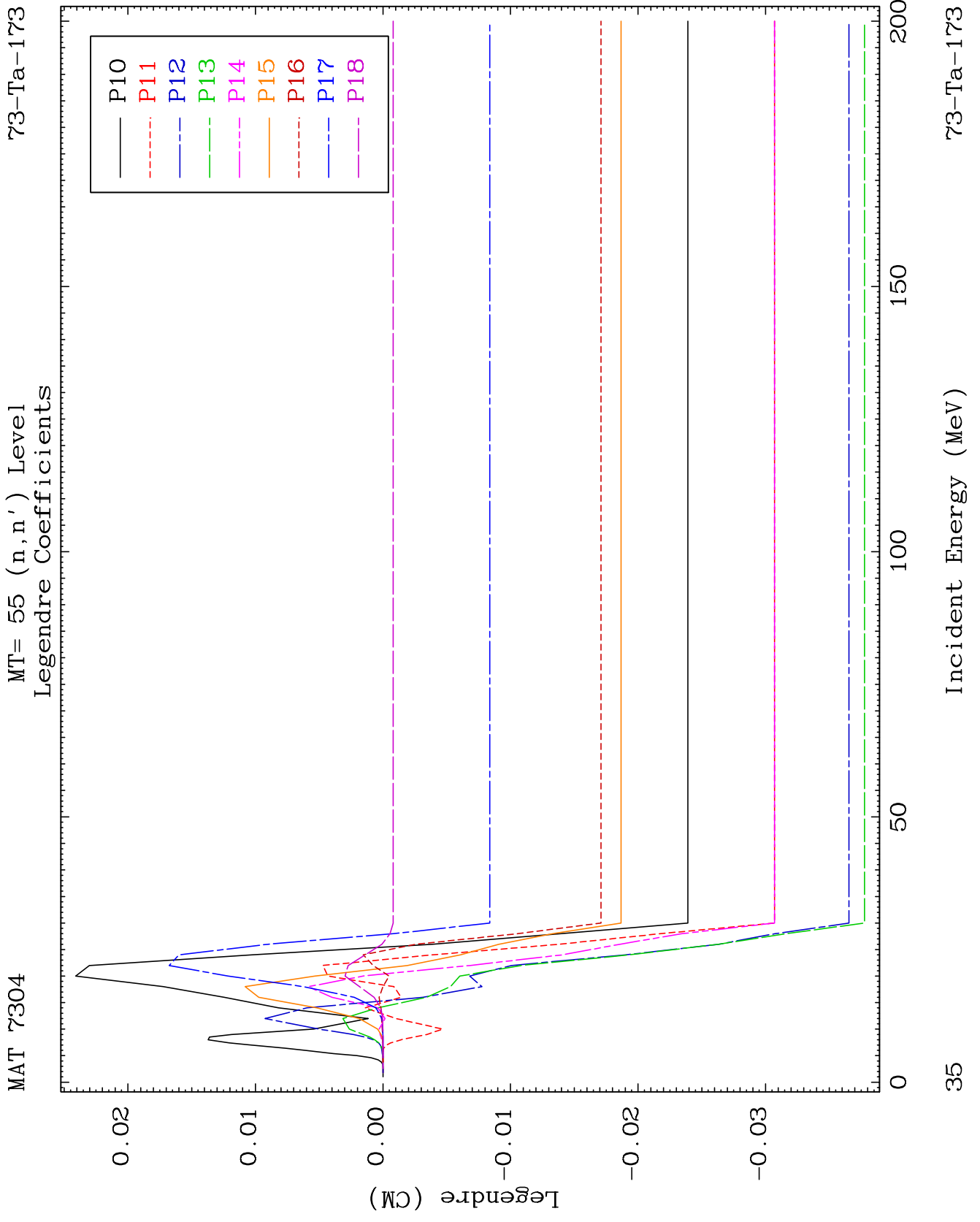
73-Ta-173

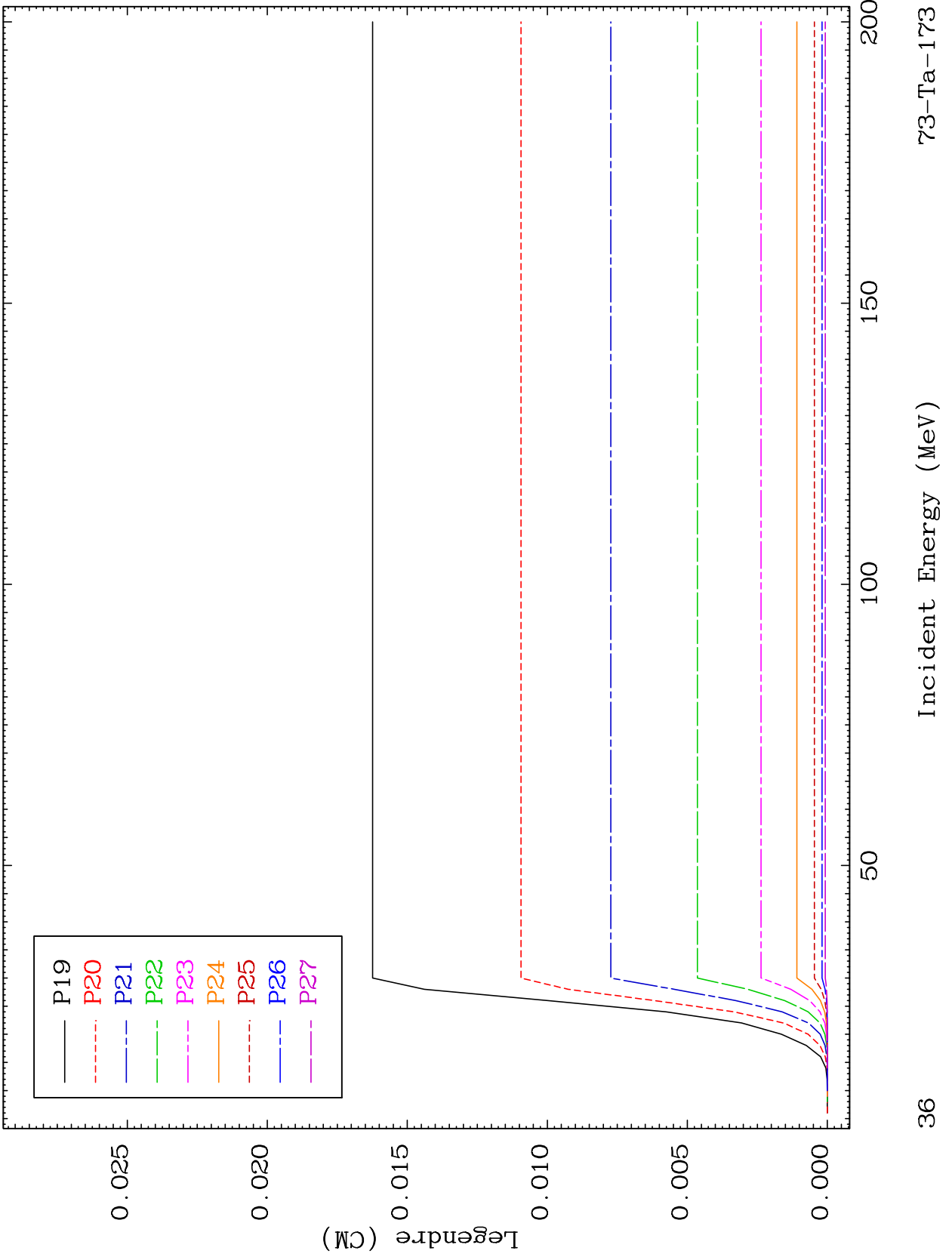


33

73-Ta-173



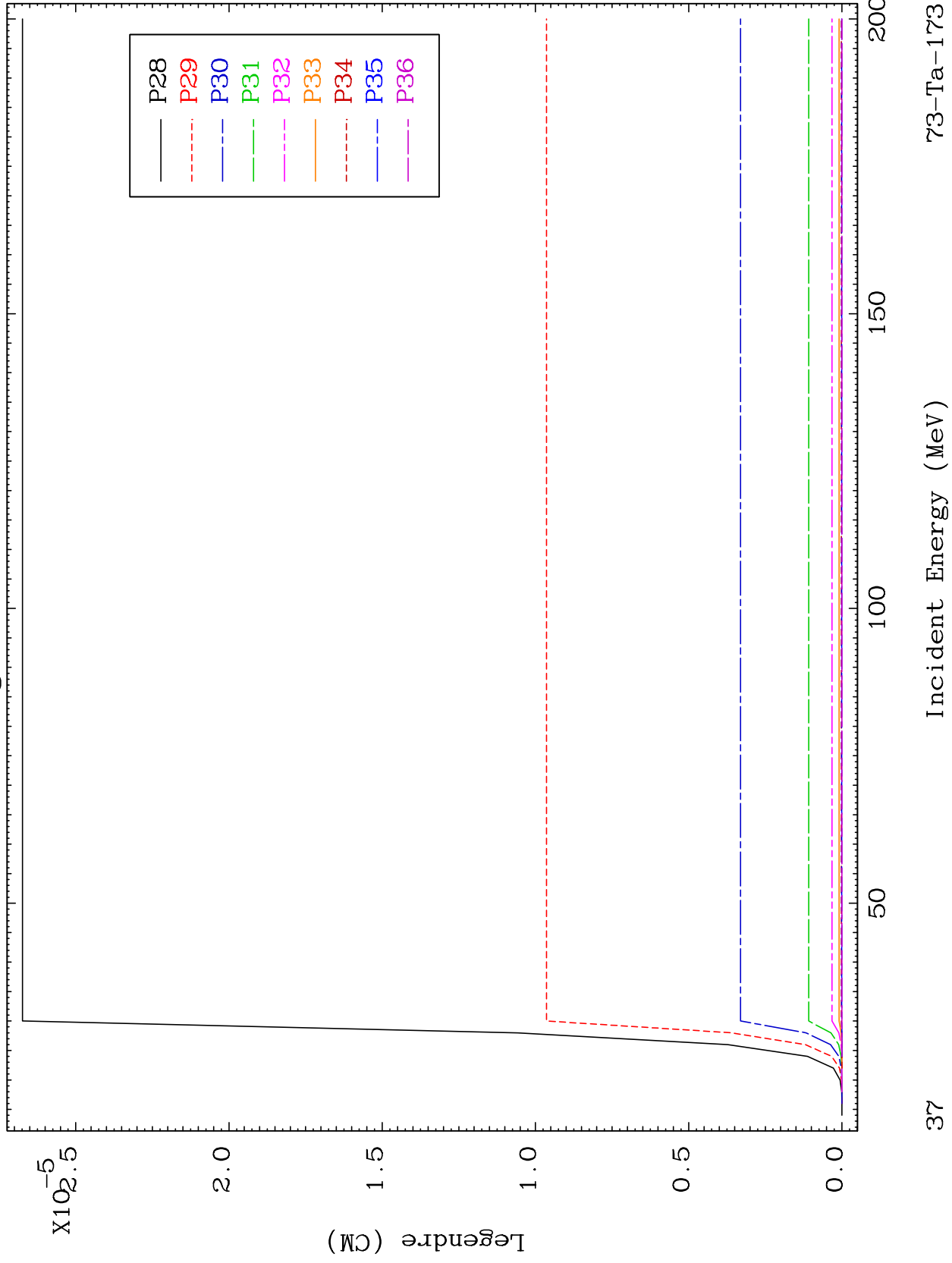




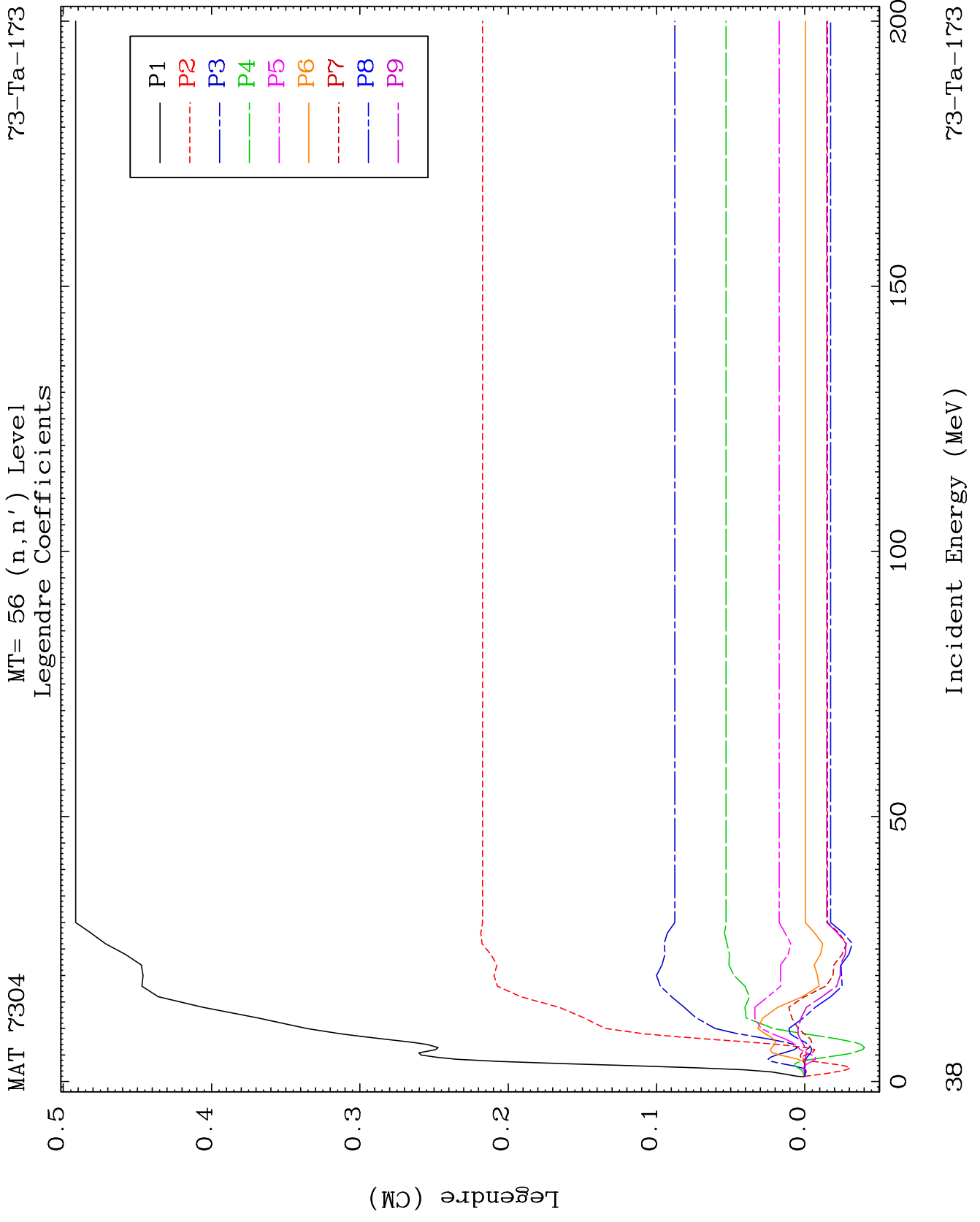
MAT 7304

MT= 55 (n,n') Level
Legendre Coefficients

73-Ta-173



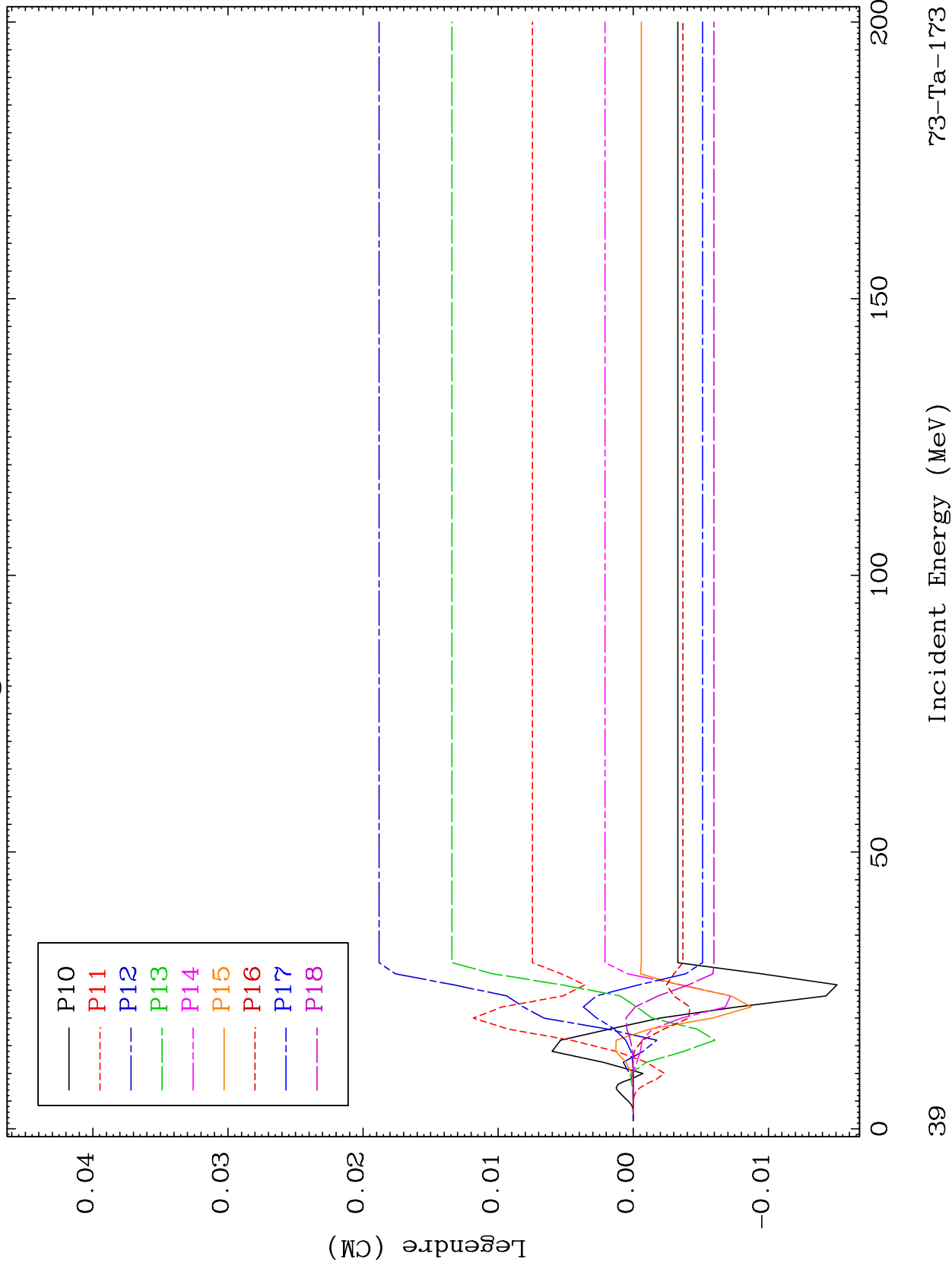
37



MAT 7304

MT= 56 (n,n') Level
Legendre Coefficients

73-Ta-173



39

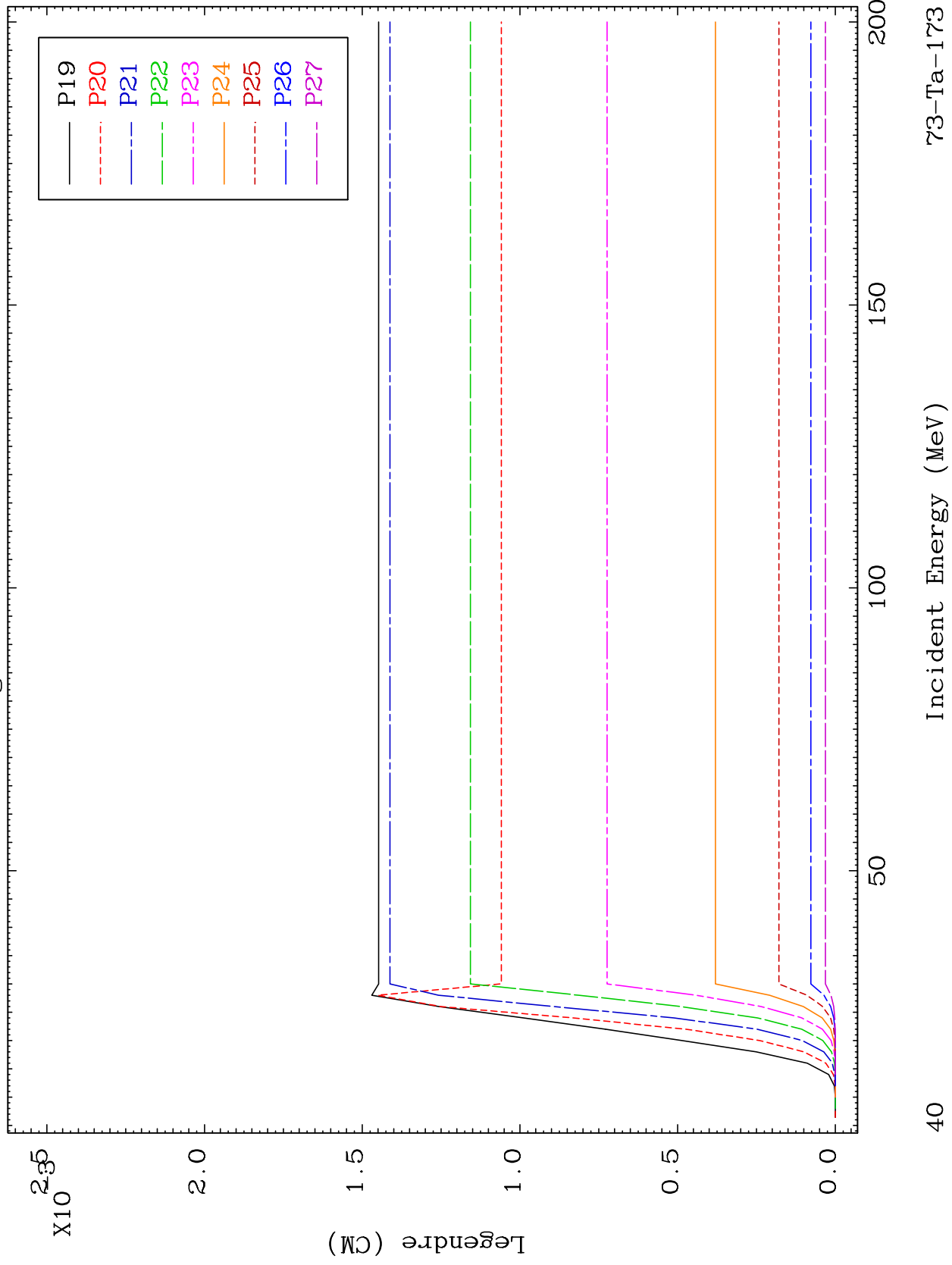
Incident Energy (MeV)

73-Ta-173

MAT 7304

MT= 56 (n,n') Level
Legendre Coefficients

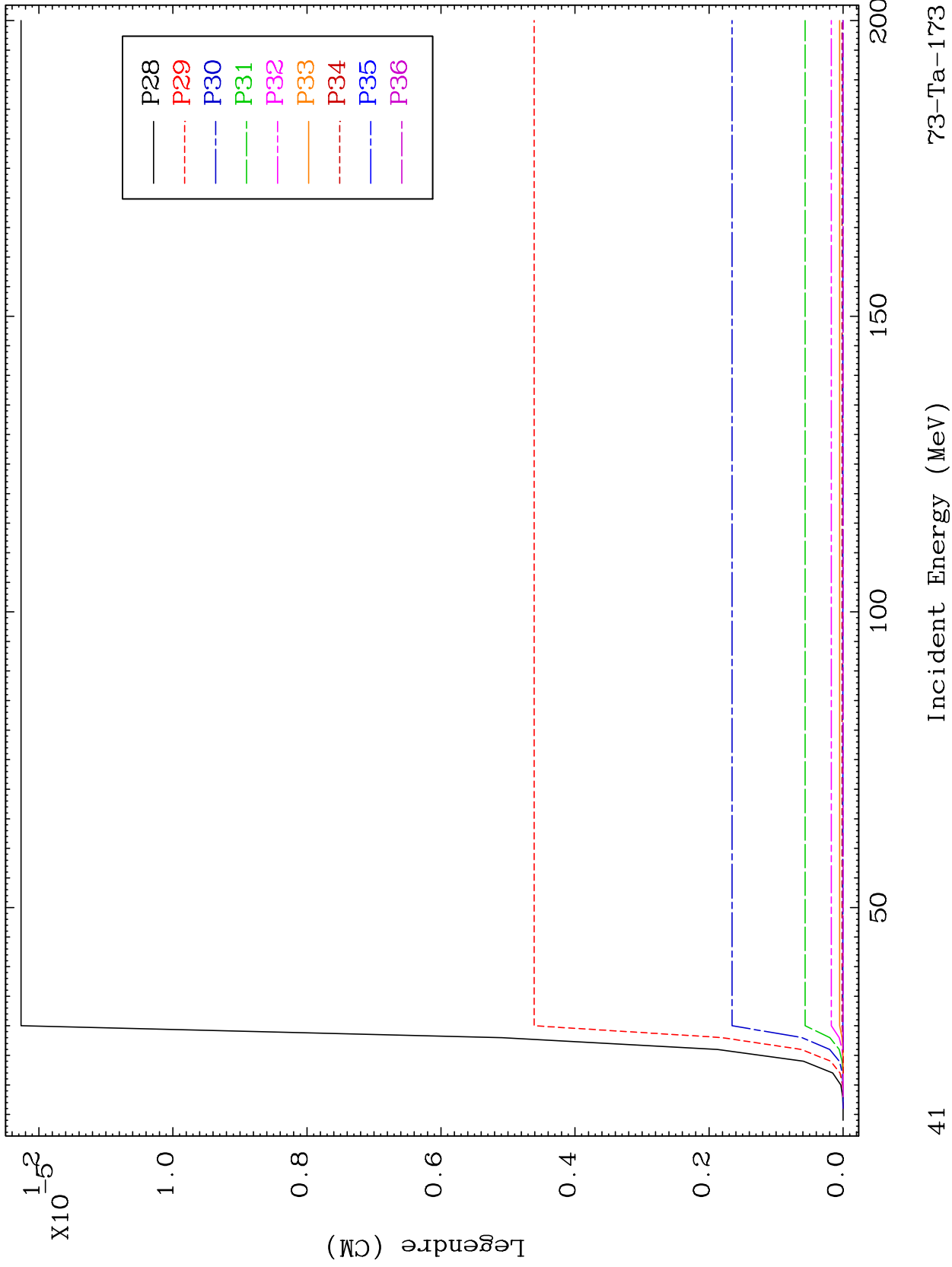
73-Ta-173



MAT 7304

MT= 56 (n,n') Level
Legendre Coefficients

73-Ta-173



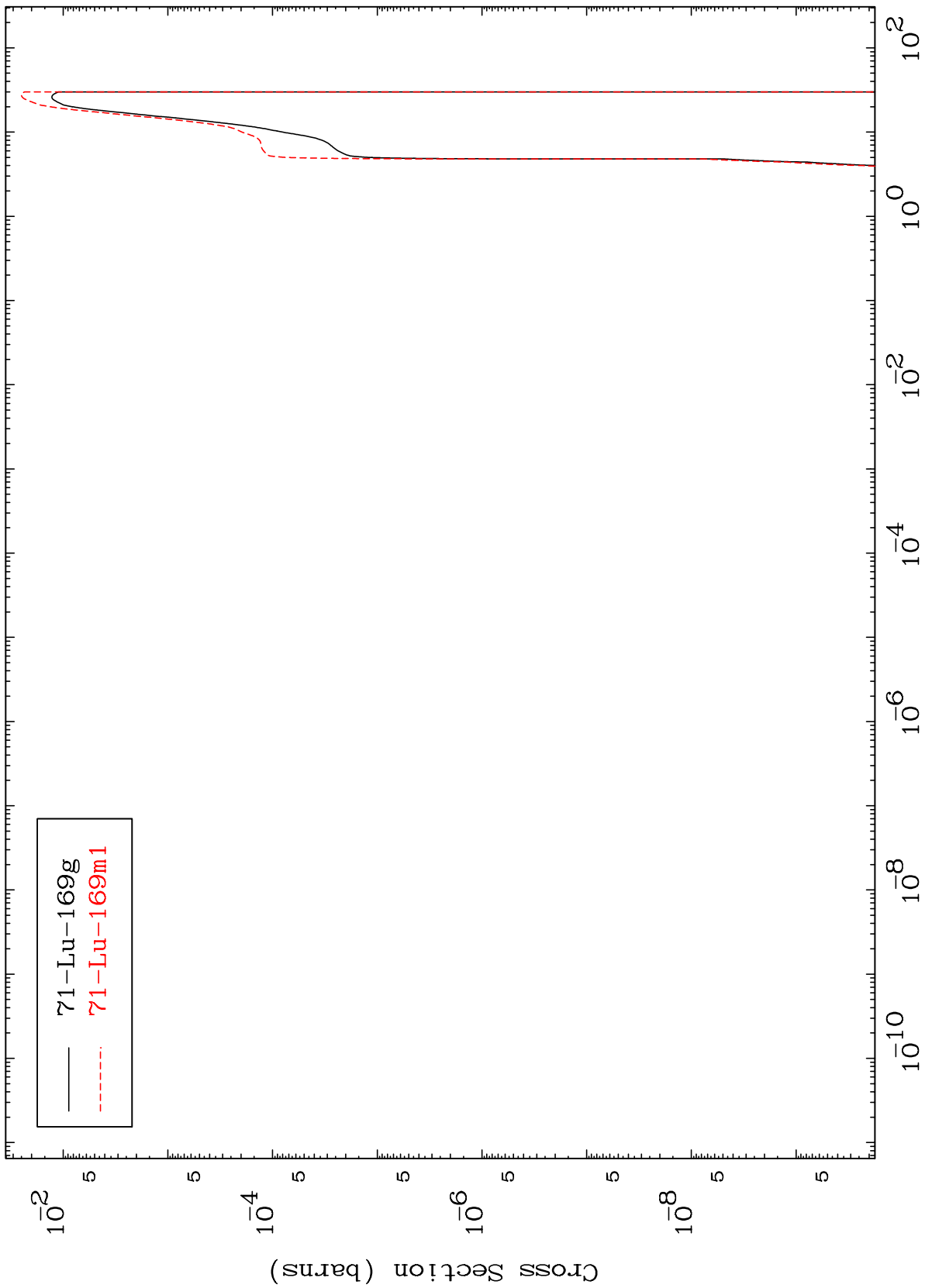
41

MAT 7304

$(n, n') \alpha$

73-Ta-173

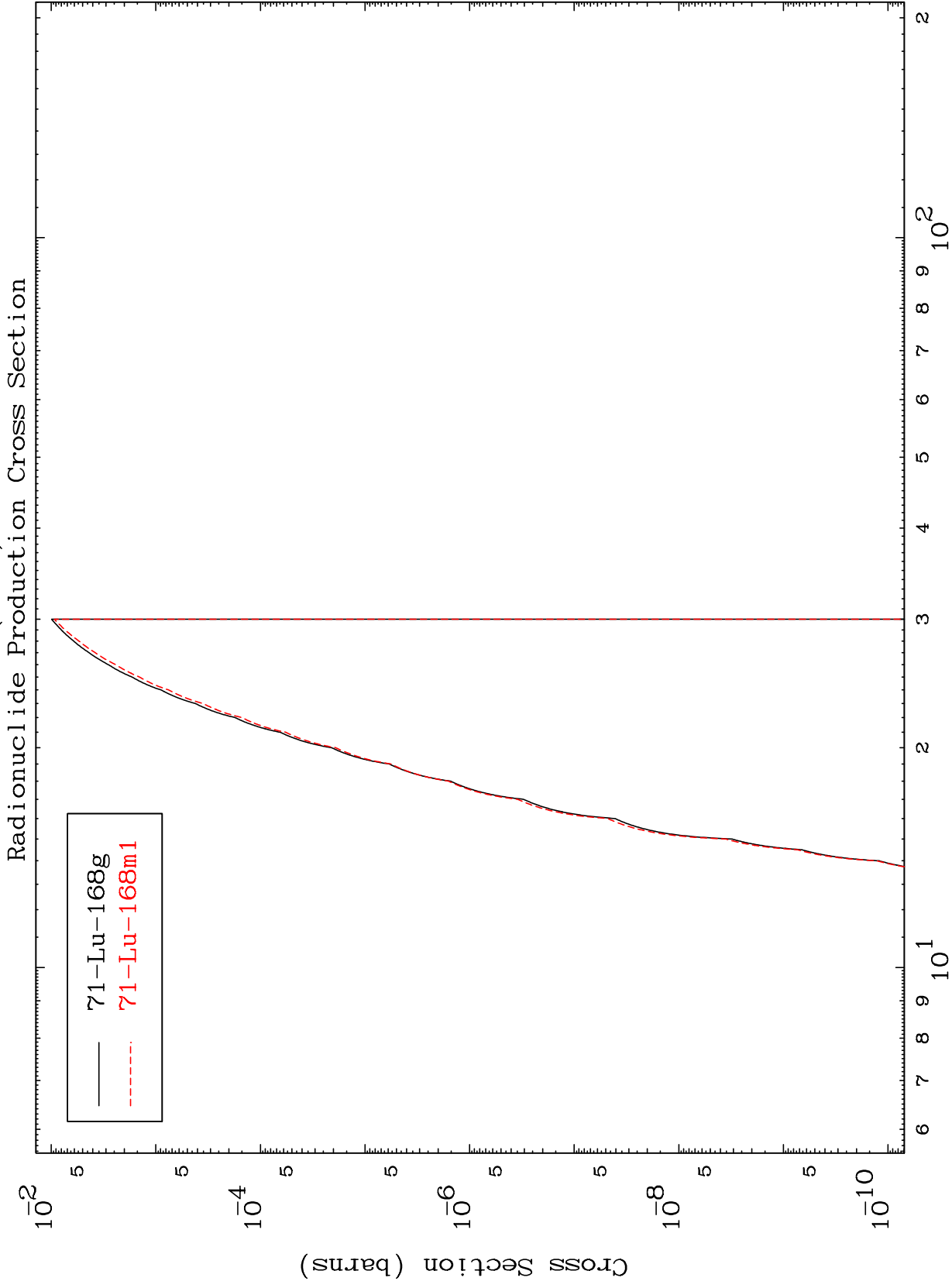
Radionuclide Production Cross Section



MAT 7304

$(n,2n) \alpha$

$^{73}\text{Ta-173}$



43

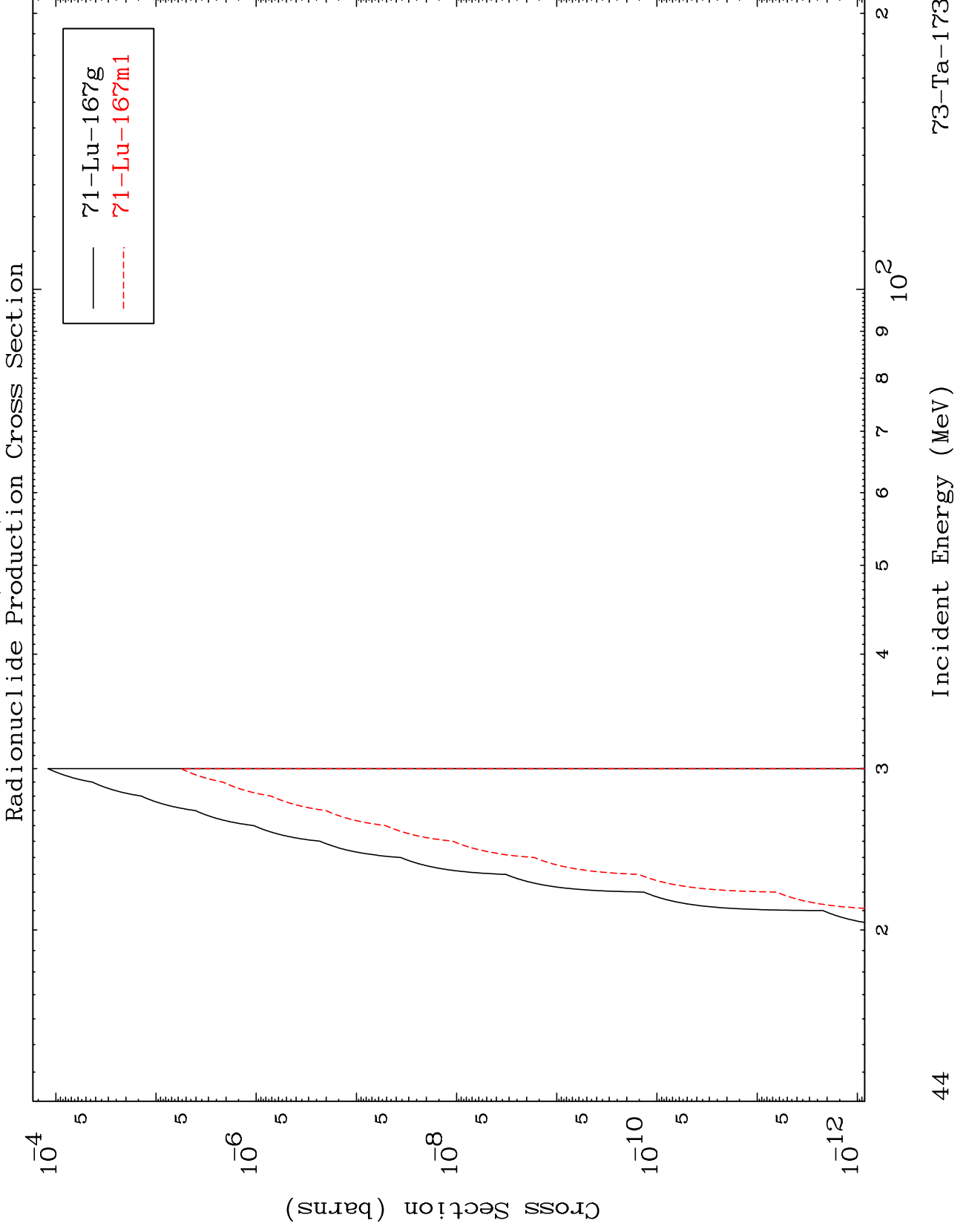
Incident Energy (MeV)

$^{73}\text{Ta-173}$

MAT 7304

(n,3n) α

73-Ta-173

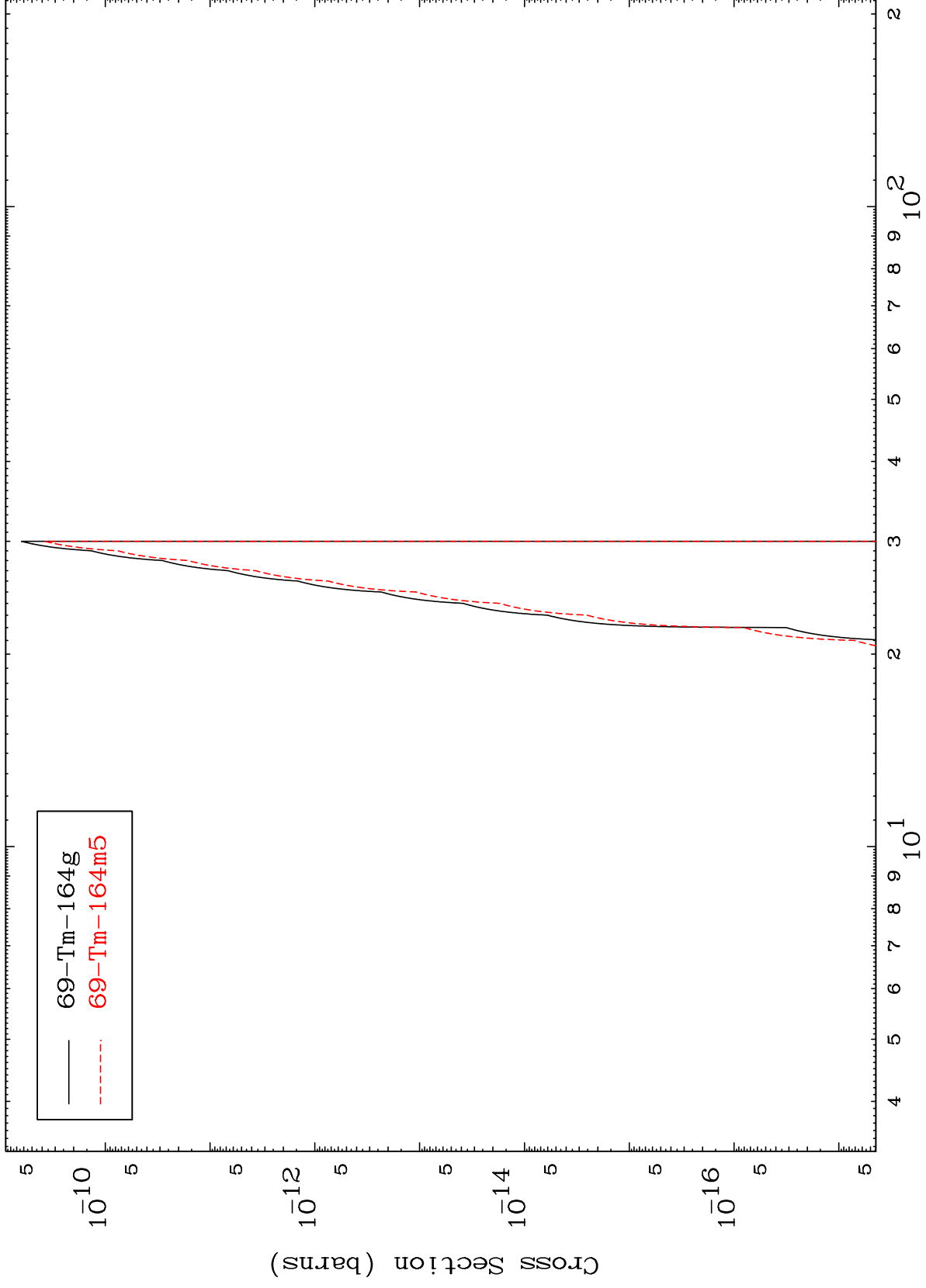


MAT 7304

$(n,2n) 2\alpha$

$^{73}\text{Ta}-173$

Radionuclide Production Cross Section



45

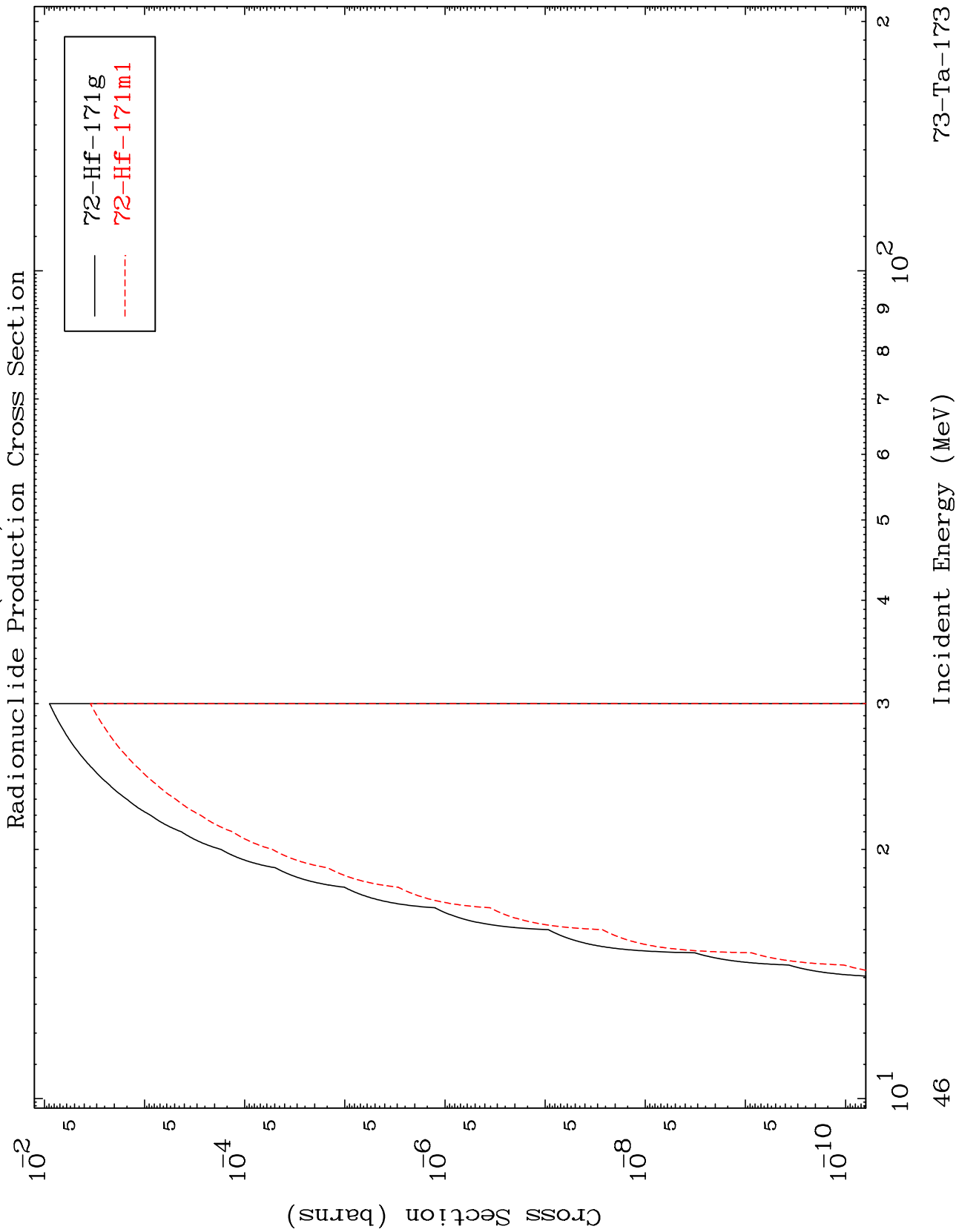
Incident Energy (MeV)

$^{73}\text{Ta}-173$

MAT 7304

(n,n') d

73-Ta-173

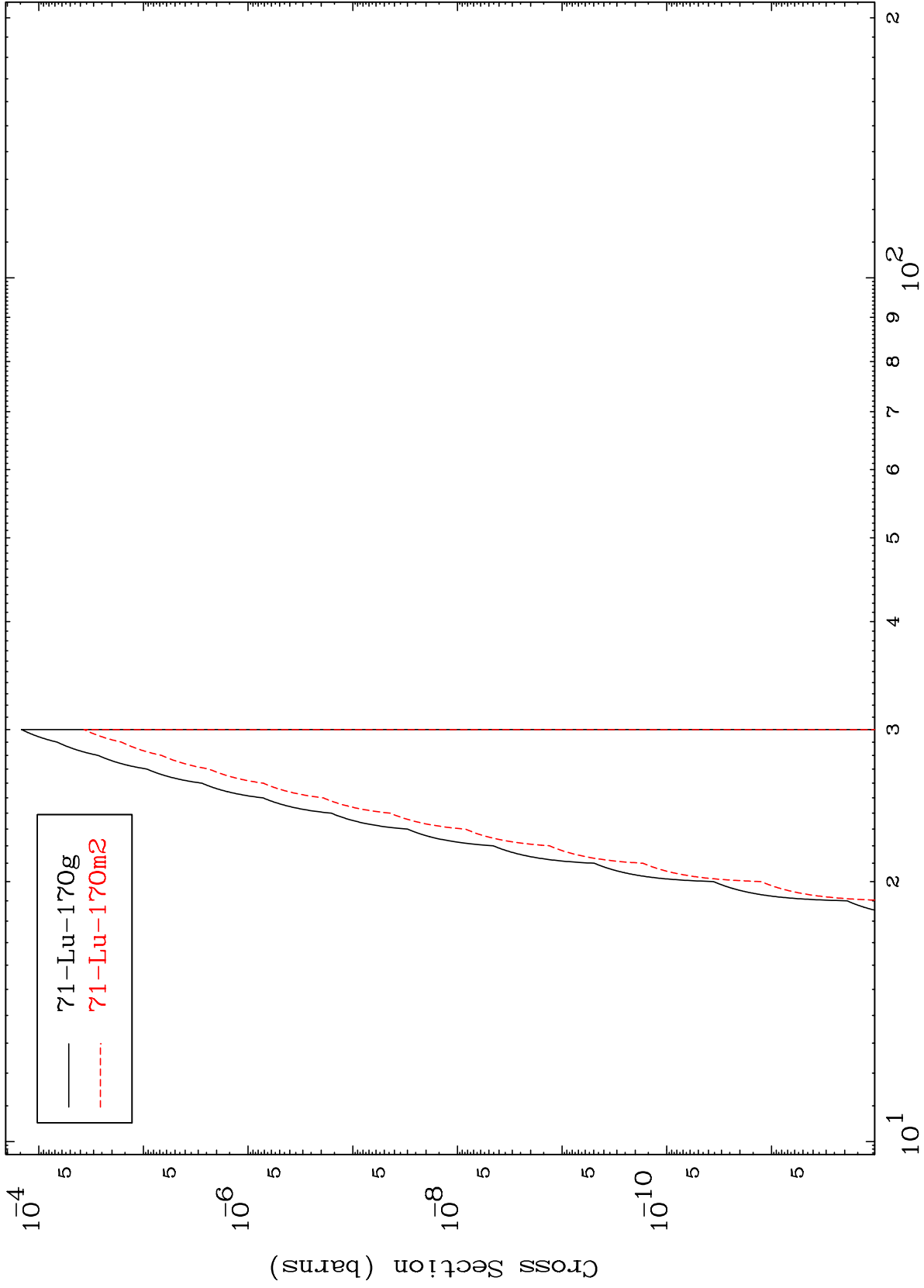


MAT 7304

(n,n') He-3

73-Ta-173

Radionuclide Production Cross Section



Incident Energy (MeV)

73-Ta-173

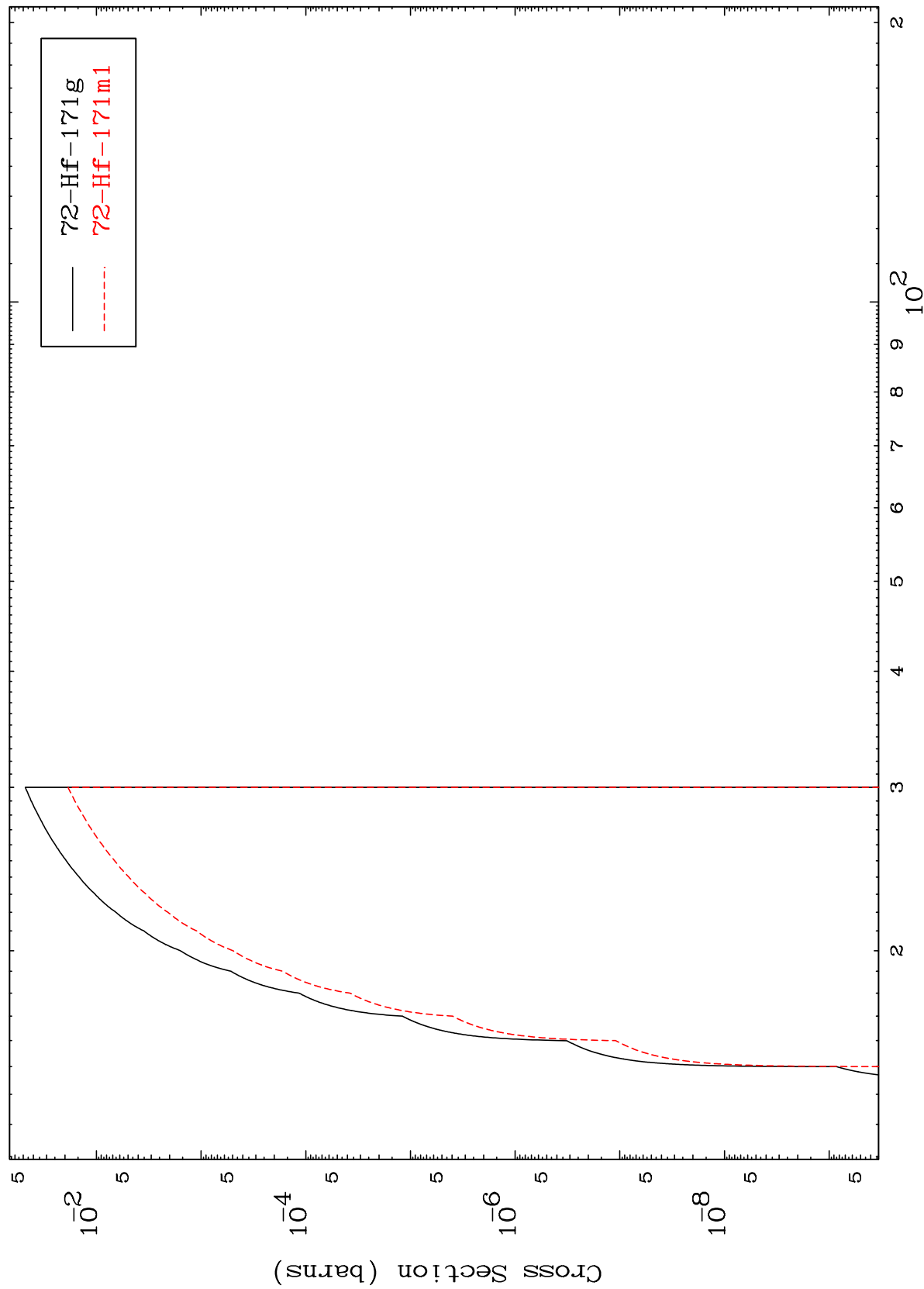
47

MAT 7304

(n,2n) p

73-Ta-173

Radionuclide Production Cross Section



48

Incident Energy (MeV)

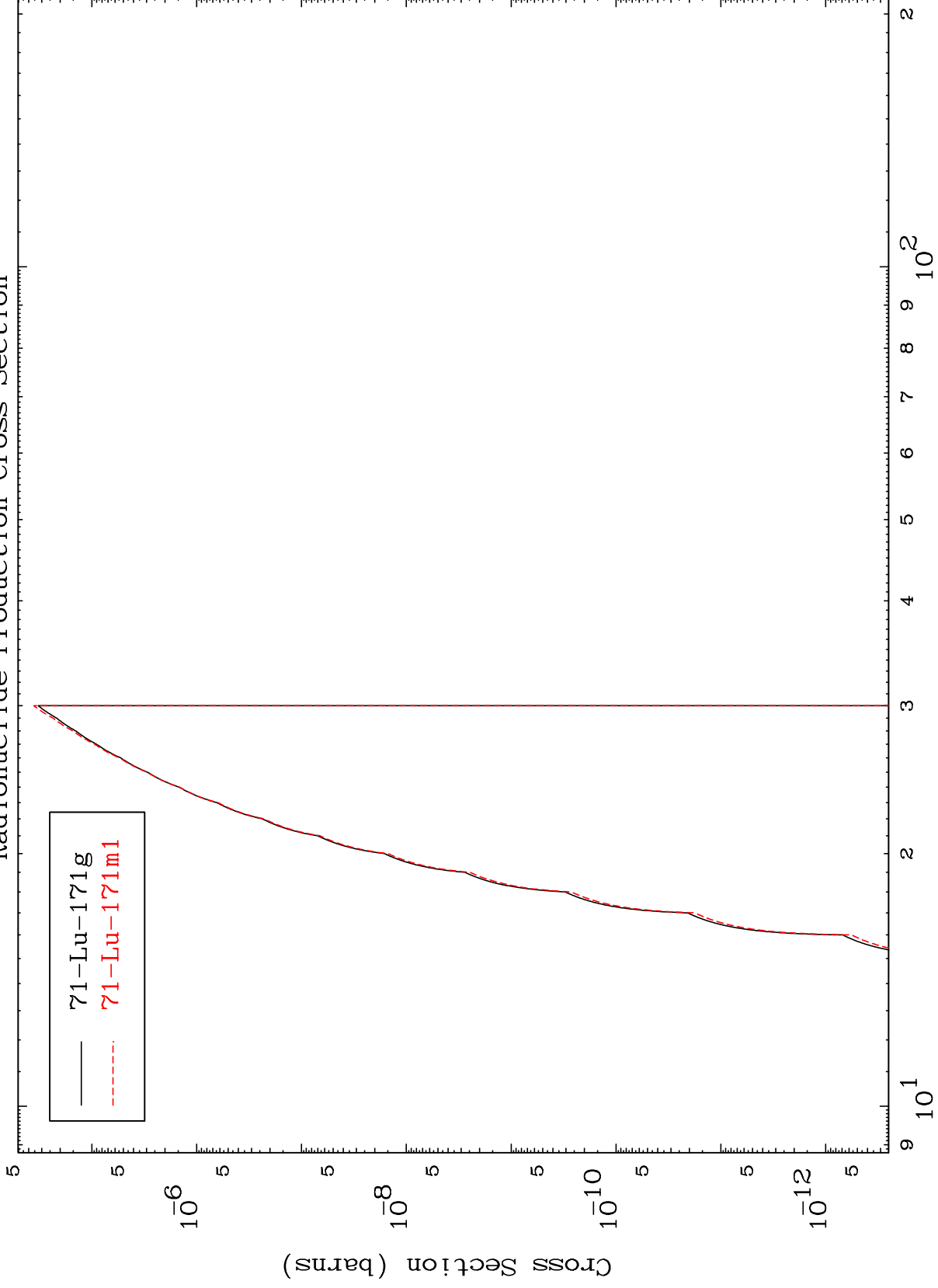
73-Ta-173

MAT 7304

(n,2n) p

⁷³Ta-173

Radionuclide Production Cross Section



49

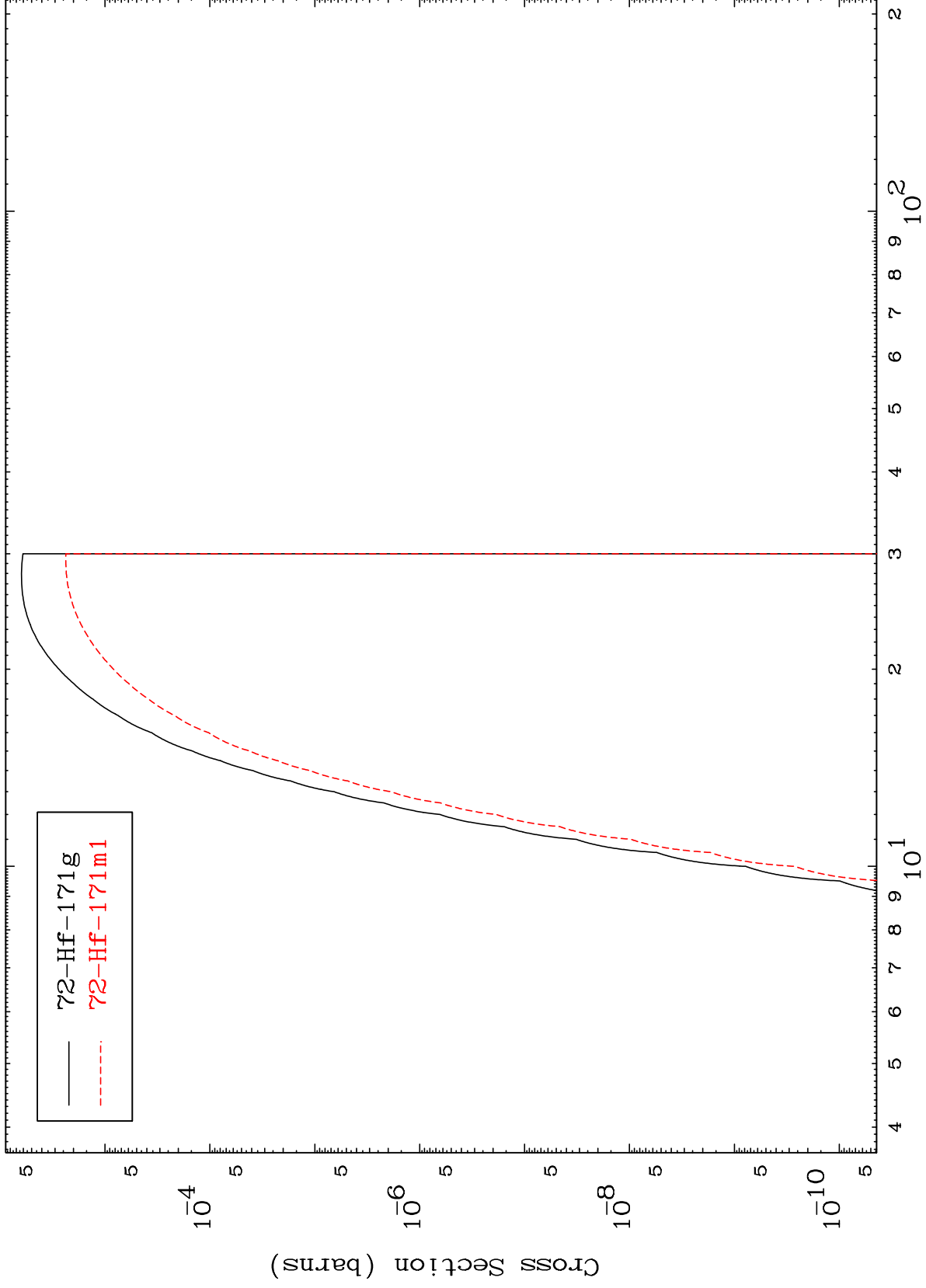
Incident Energy (MeV)

⁷³Ta-173

MAT 7304

73-Ta-173

Radionuclide Production Cross Section



50

Incident Energy (MeV)

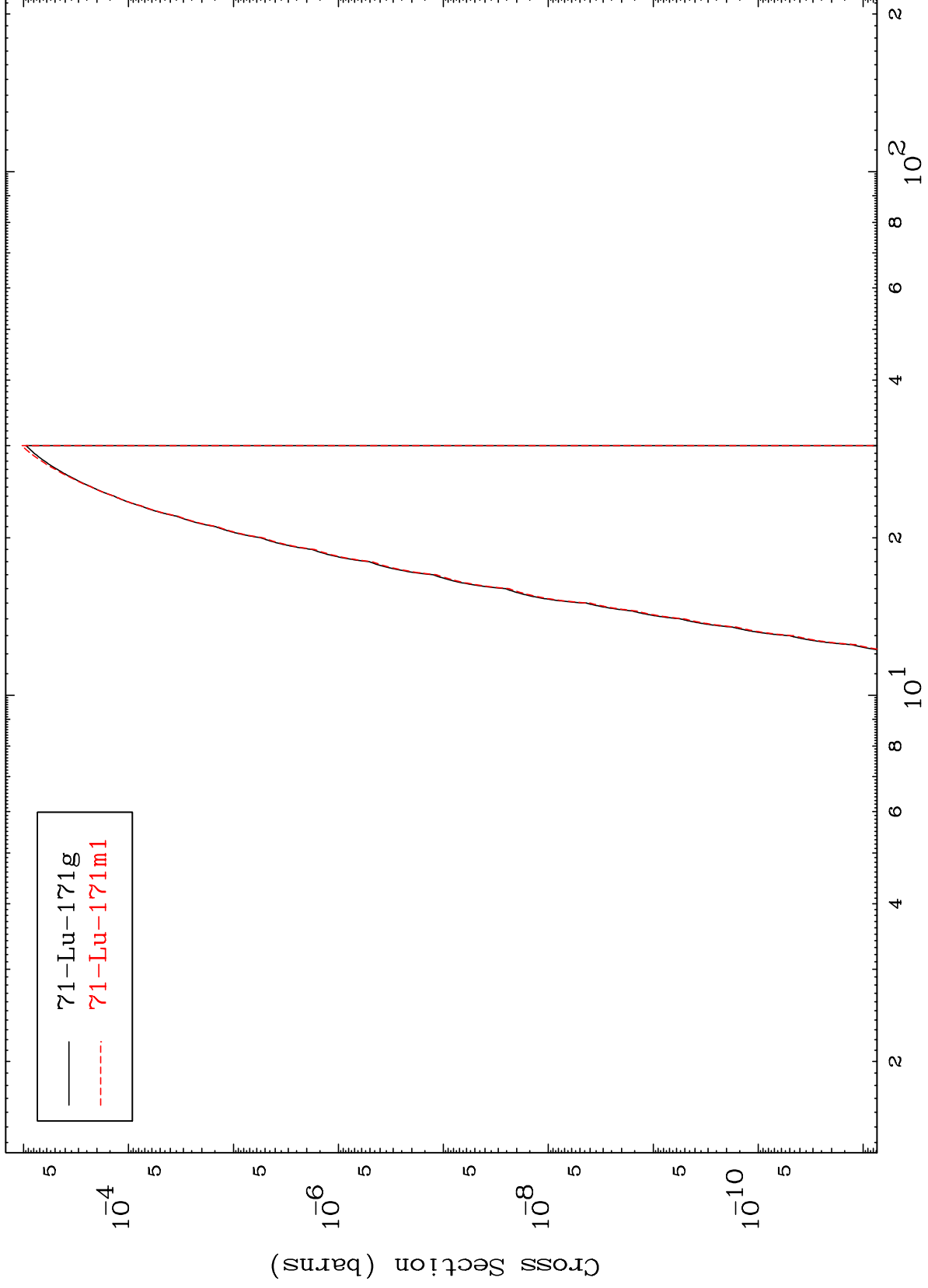
73-Ta-173

MAT 7304

(n,He-3)

73-Ta-173

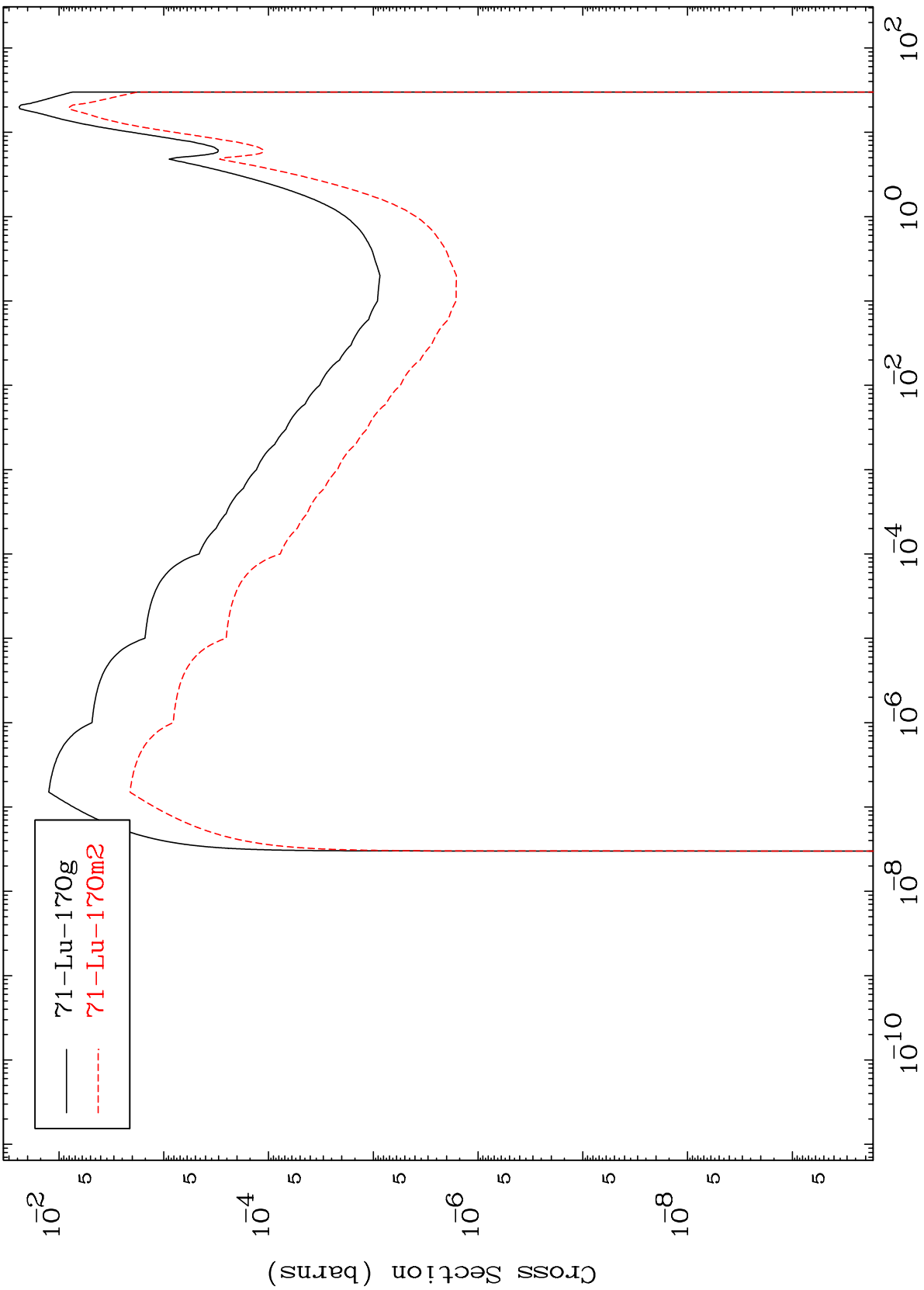
Radionuclide Production Cross Section



MAT 7304

73-Ta-173

Radionuclide Production Cross Section
(n, α)

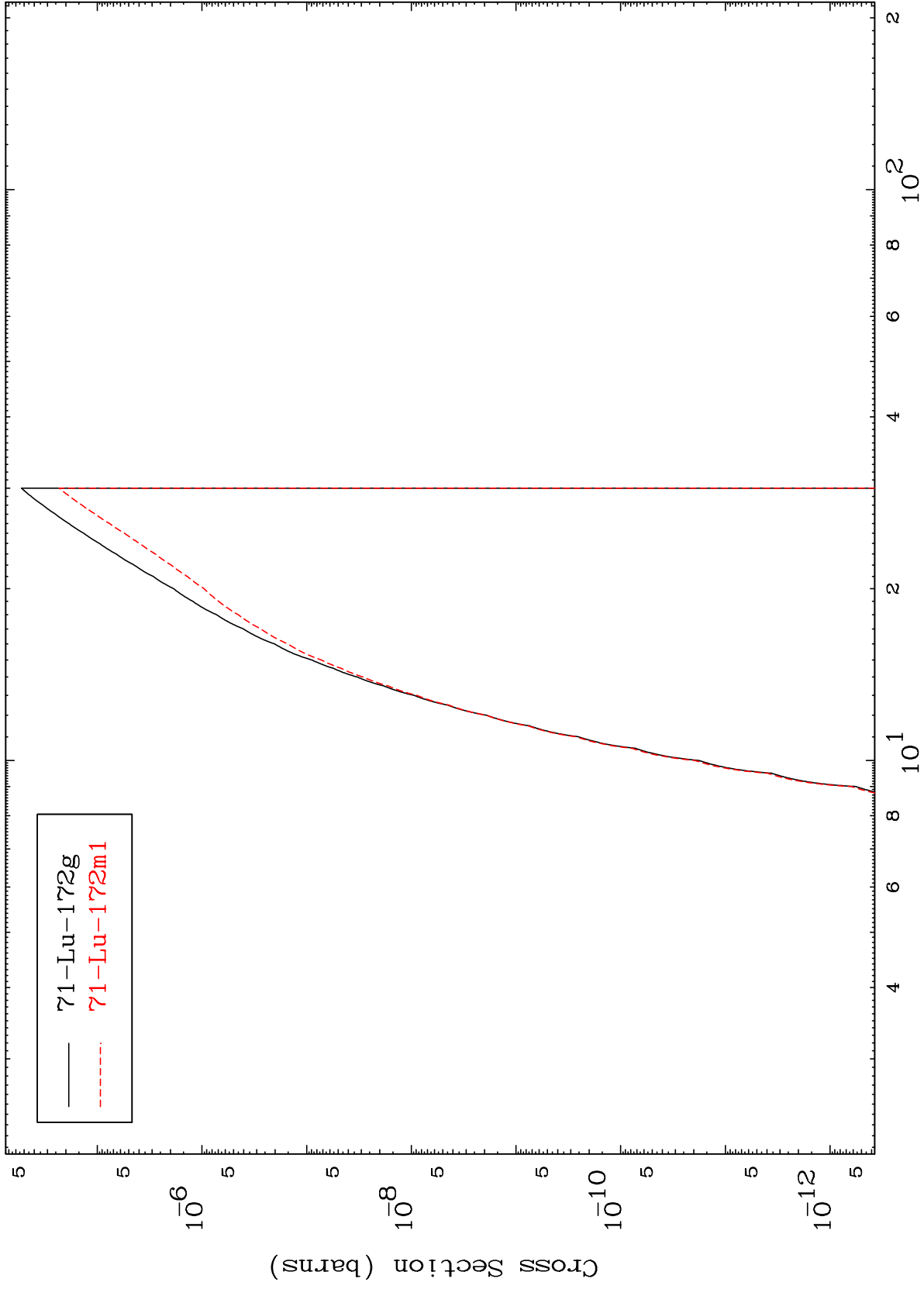


73-Ta-173

MAT 7304

73-Ta-173

(n,2p)
Radionuclide Production Cross Section



53

73-Ta-173

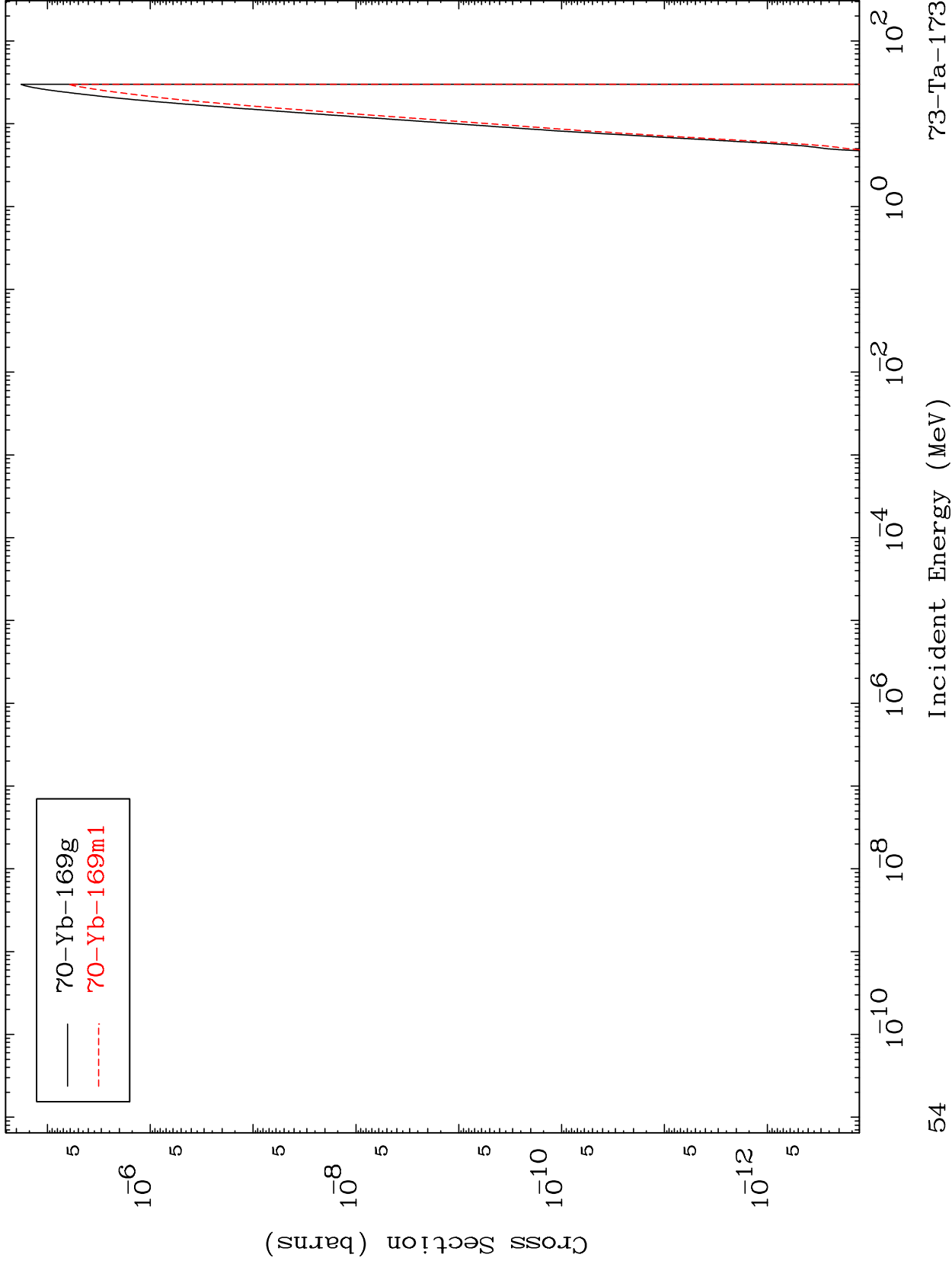
Incident Energy (MeV)

MAT 7304

(n,p) α

$^{73}\text{Ta-173}$

Radionuclide Production Cross Section

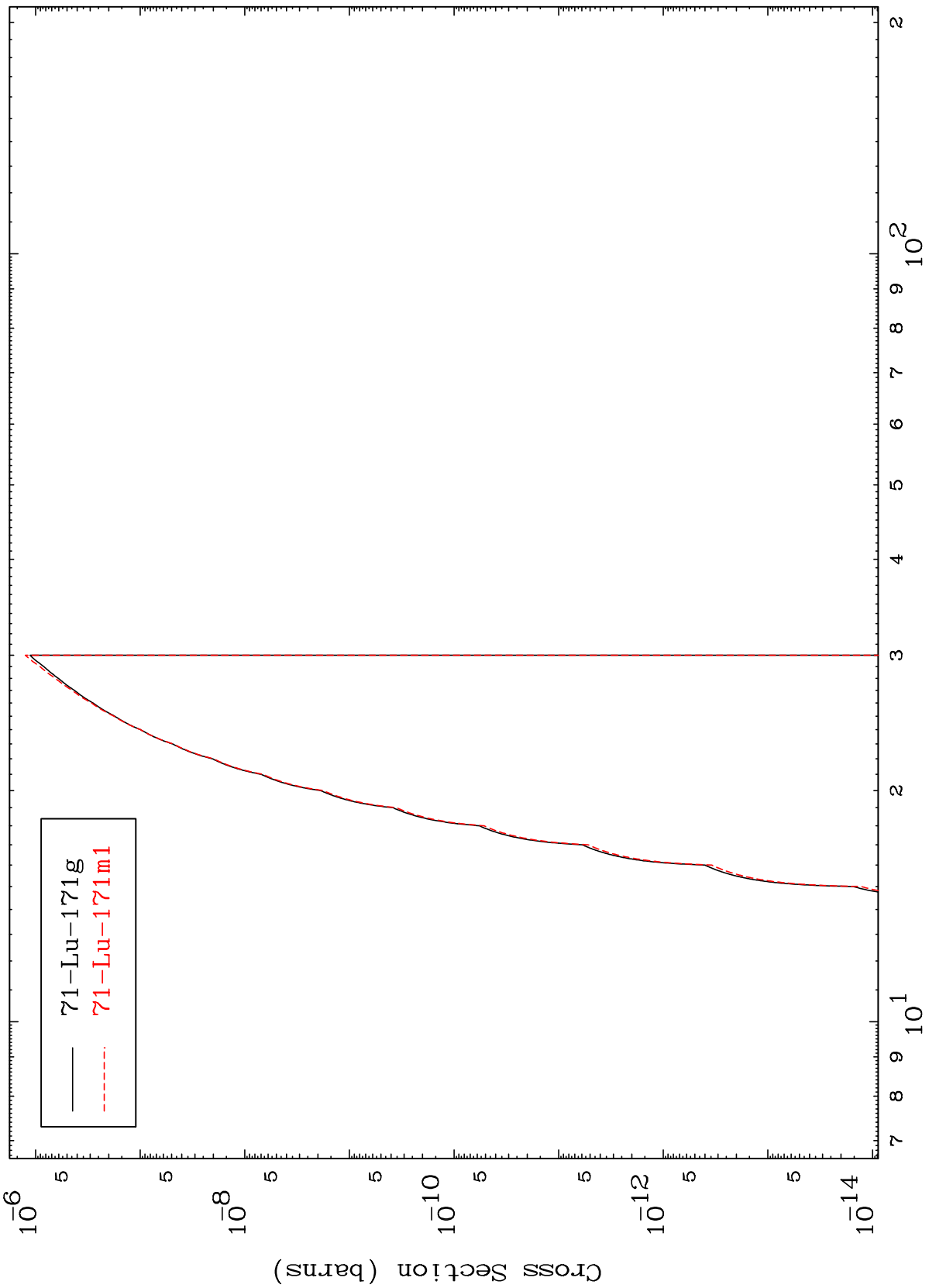


MAT 7304

(n,p) d

73-Ta-173

Radionuclide Production Cross Section



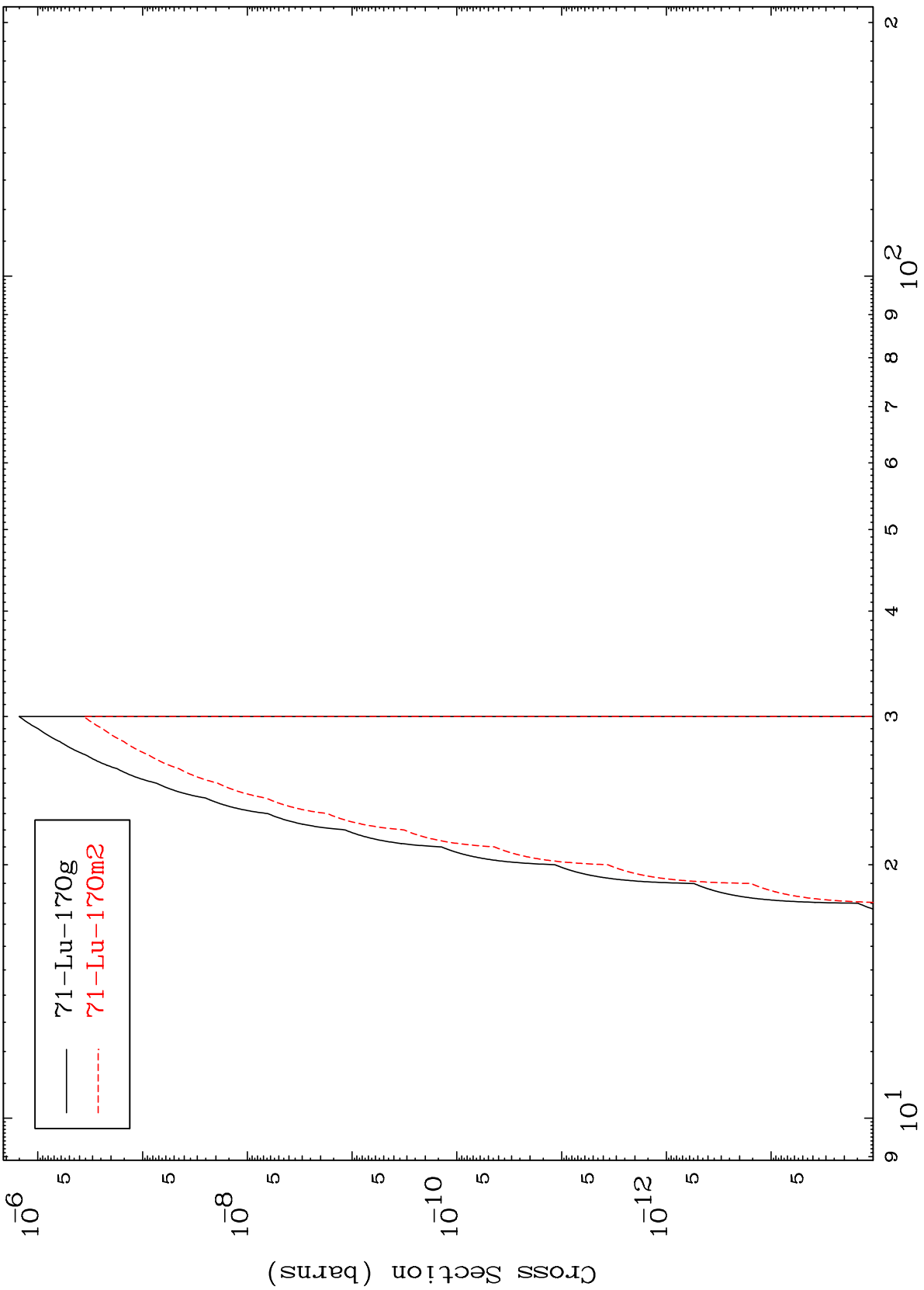
71-Lu-171g
71-Lu-171m1

MAT 7304

(n,p) t

⁷³Ta-173

Radionuclide Production Cross Section



56

Incident Energy (MeV)

⁷³Ta-173