

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

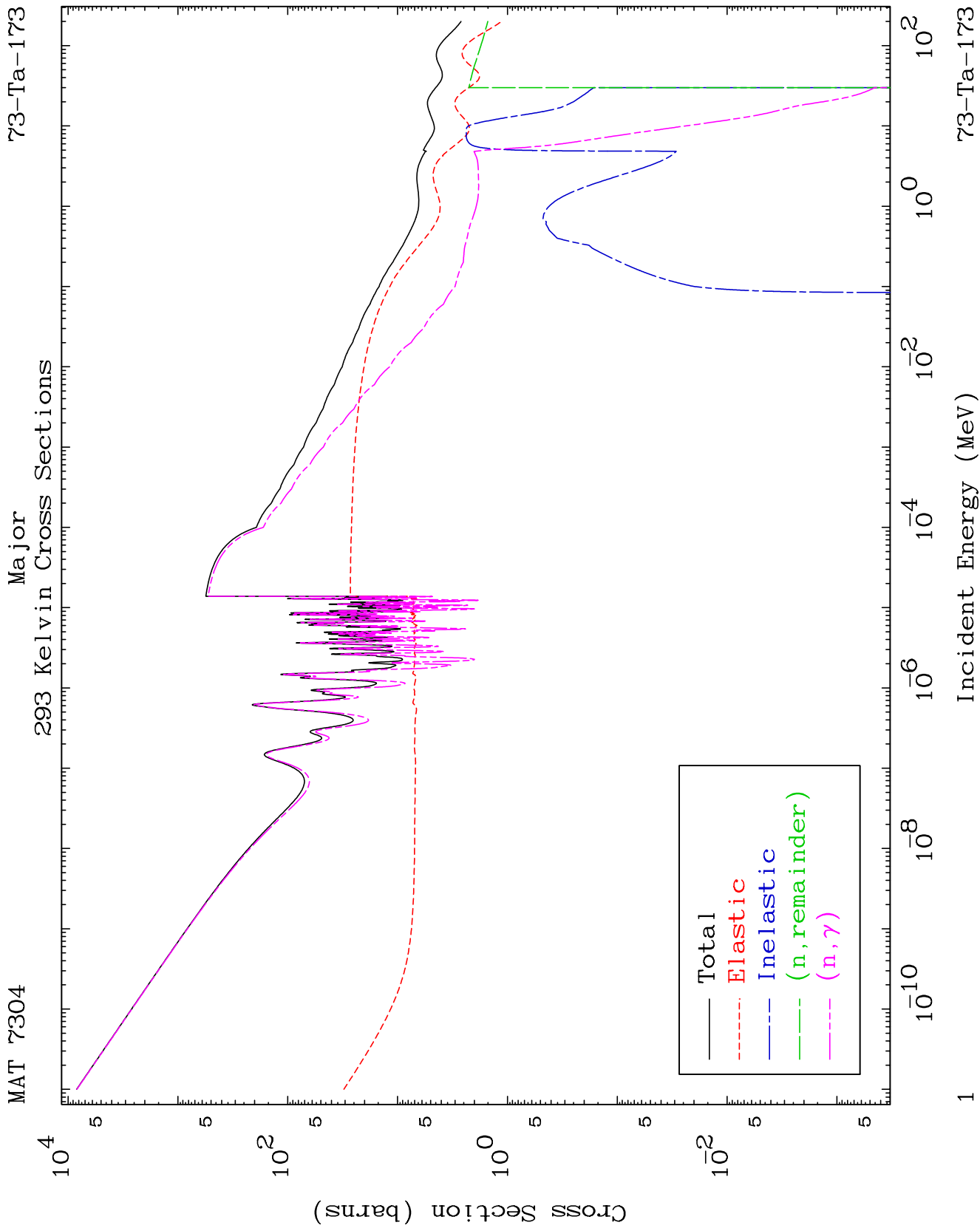
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

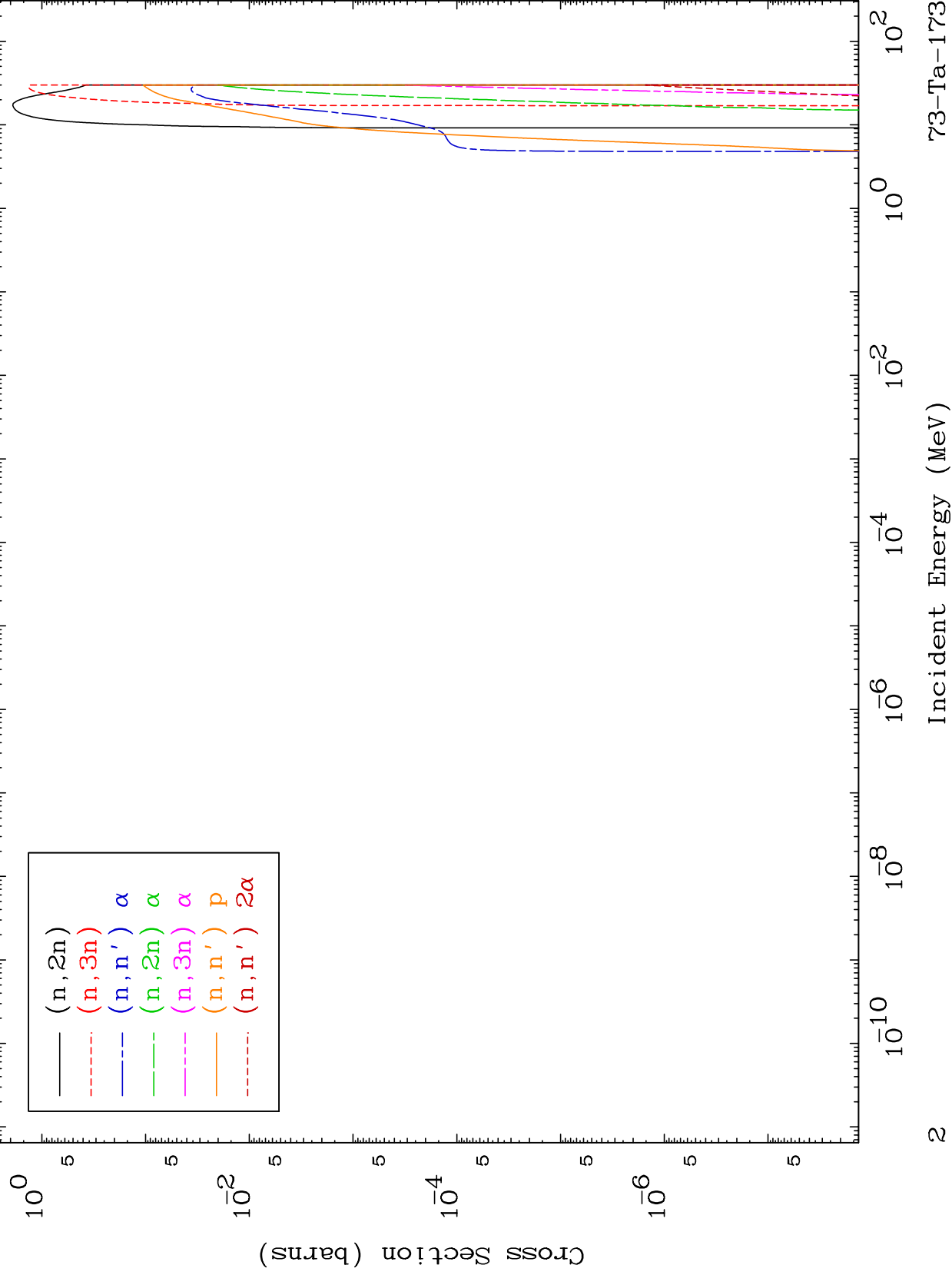
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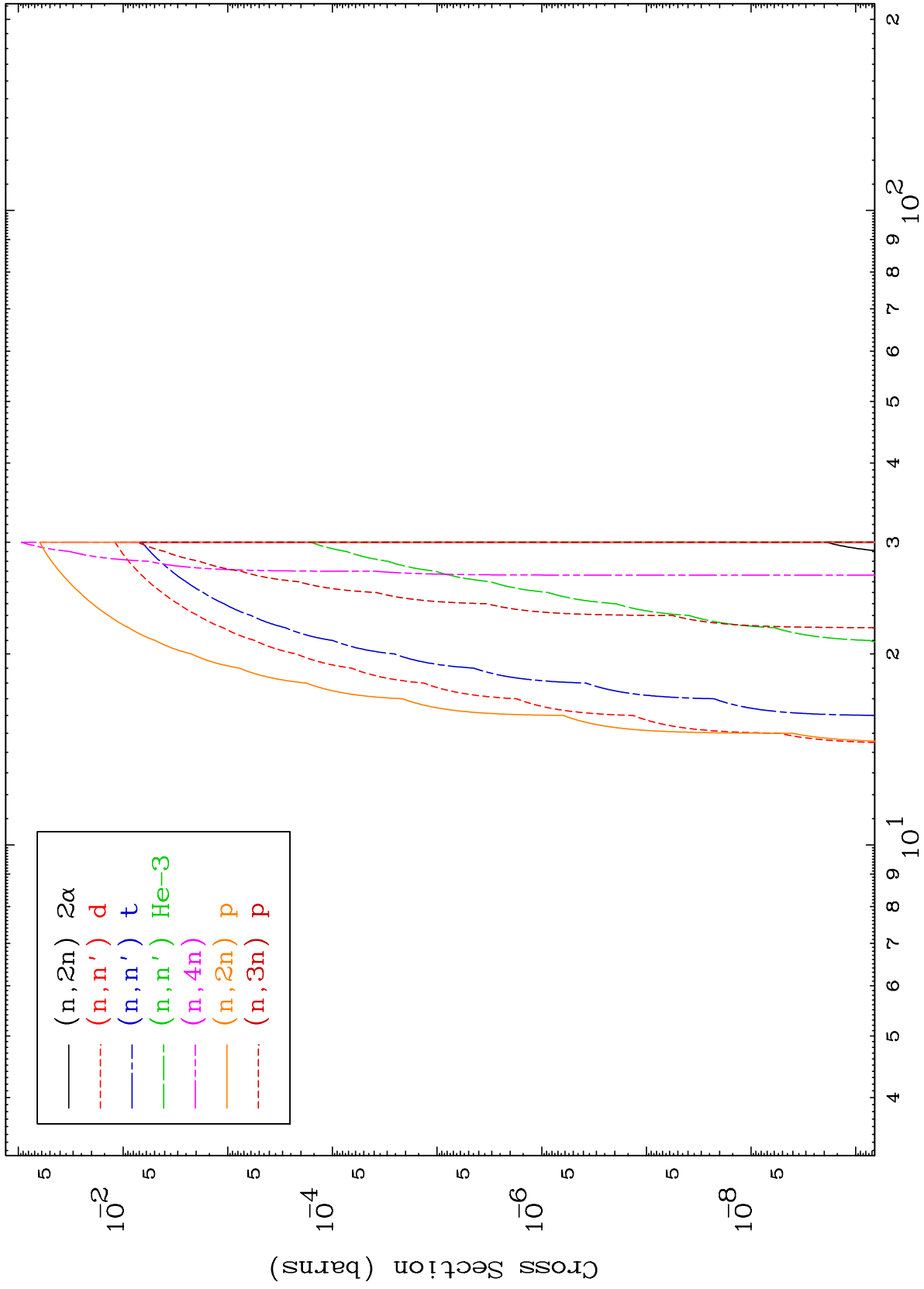


MAT 7304

Neutron Production
293 Kelvin Cross Sections

73-Ta-173

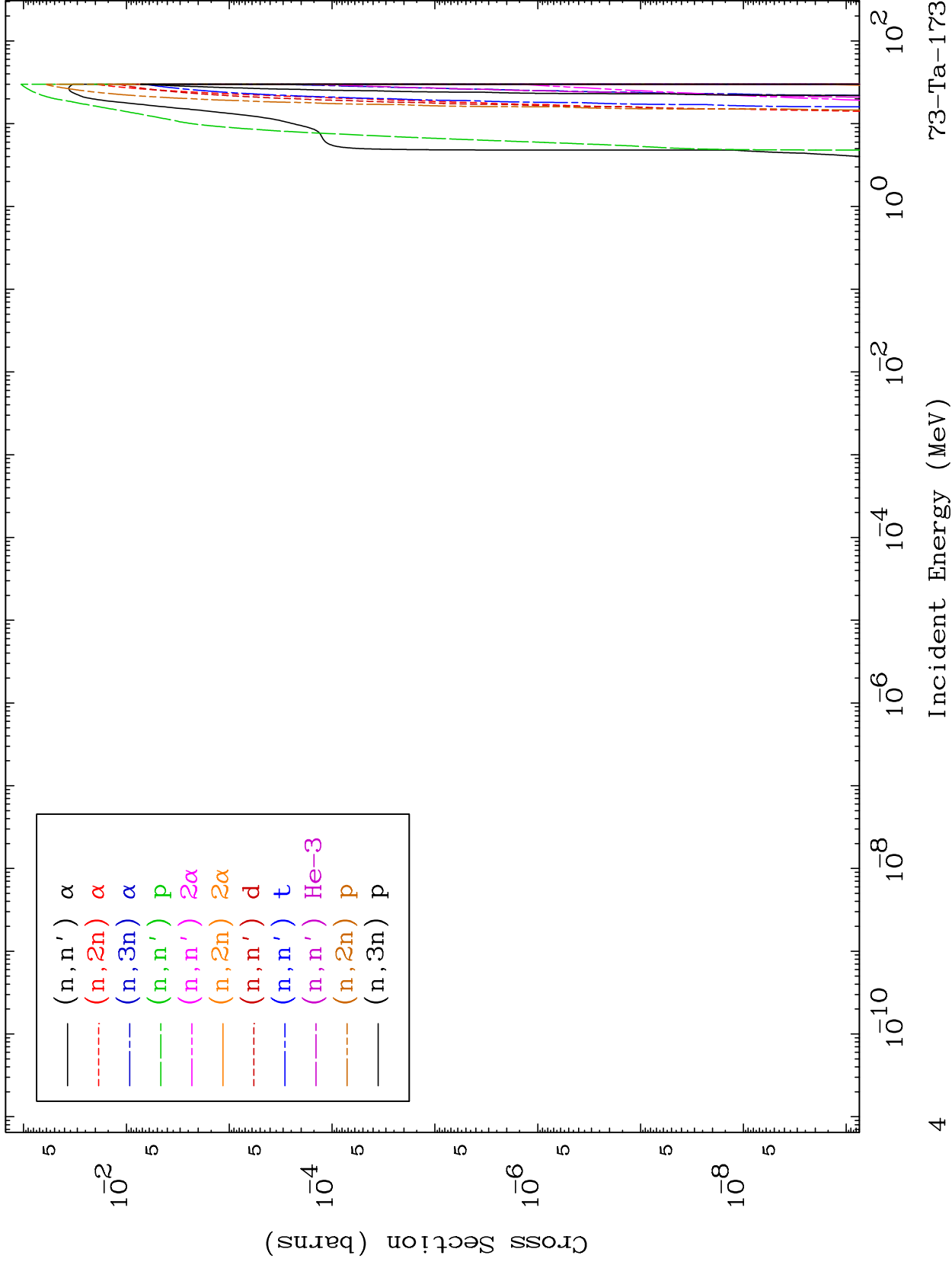




MAT 7304

Charged Particle
293 Kelvin Cross Sections

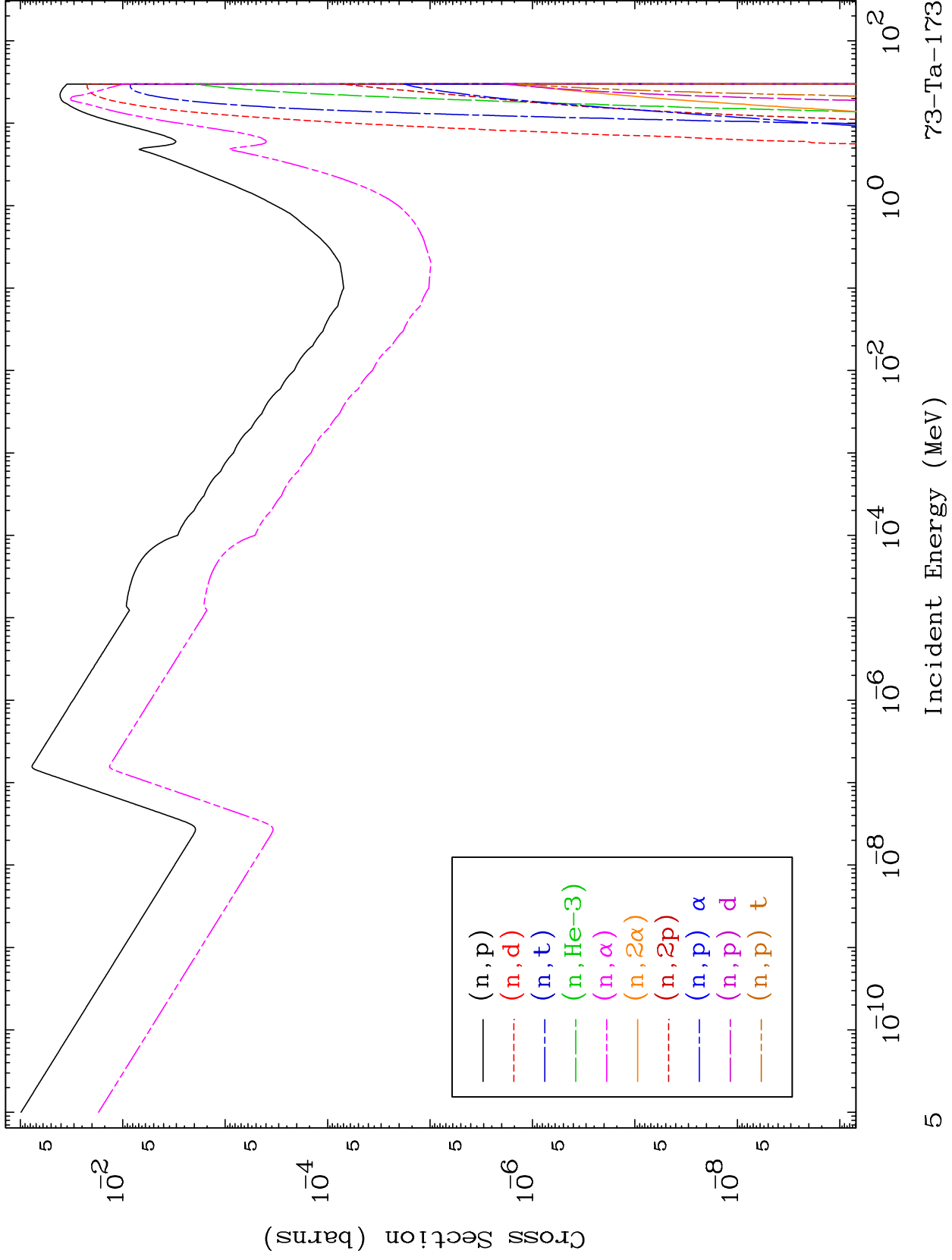
73-Ta-173



MAT 7304

Charged Particle
293 Kelvin Cross Sections

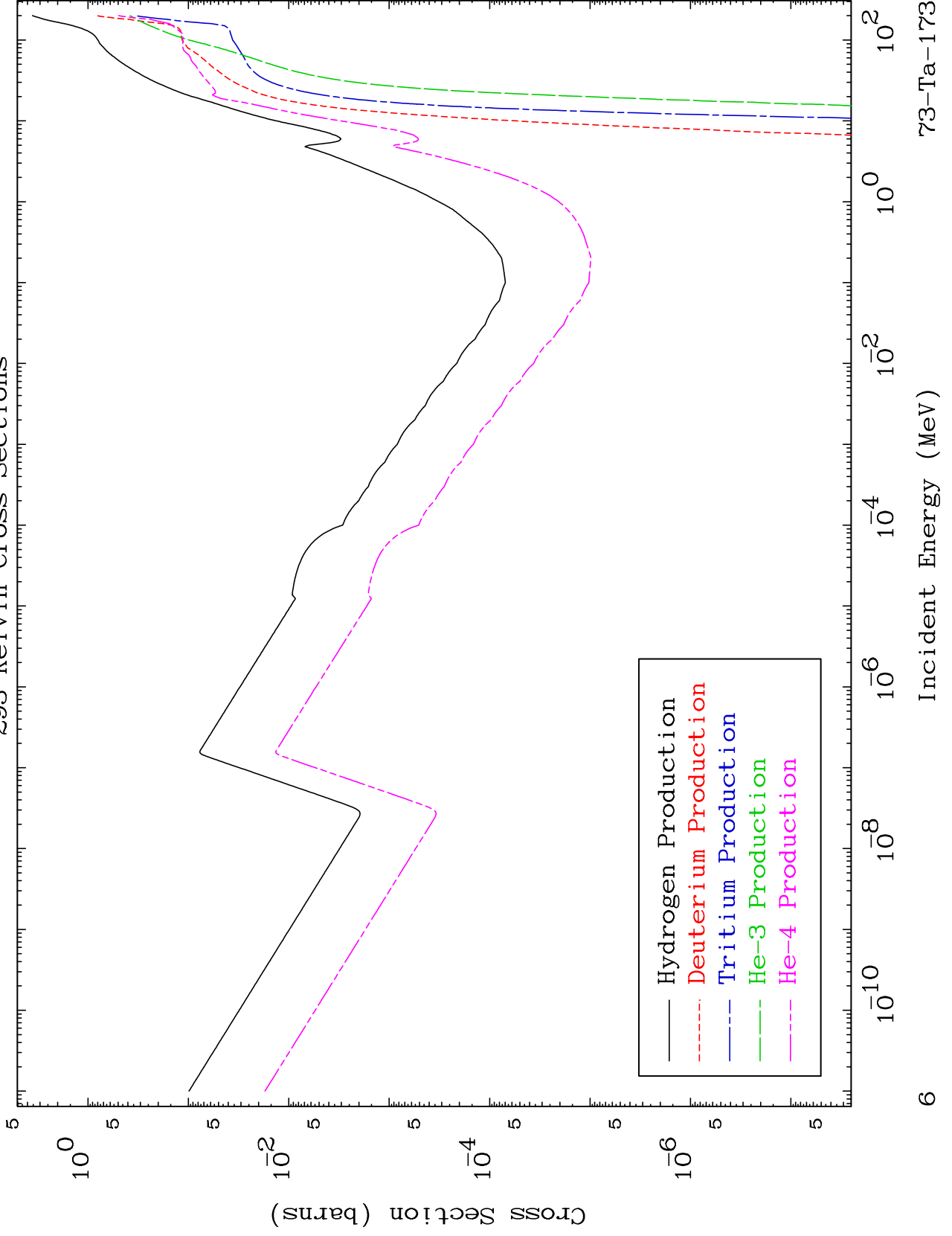
73-Ta-173



MAT 7304

Particle Production
293 Kelvin Cross Sections

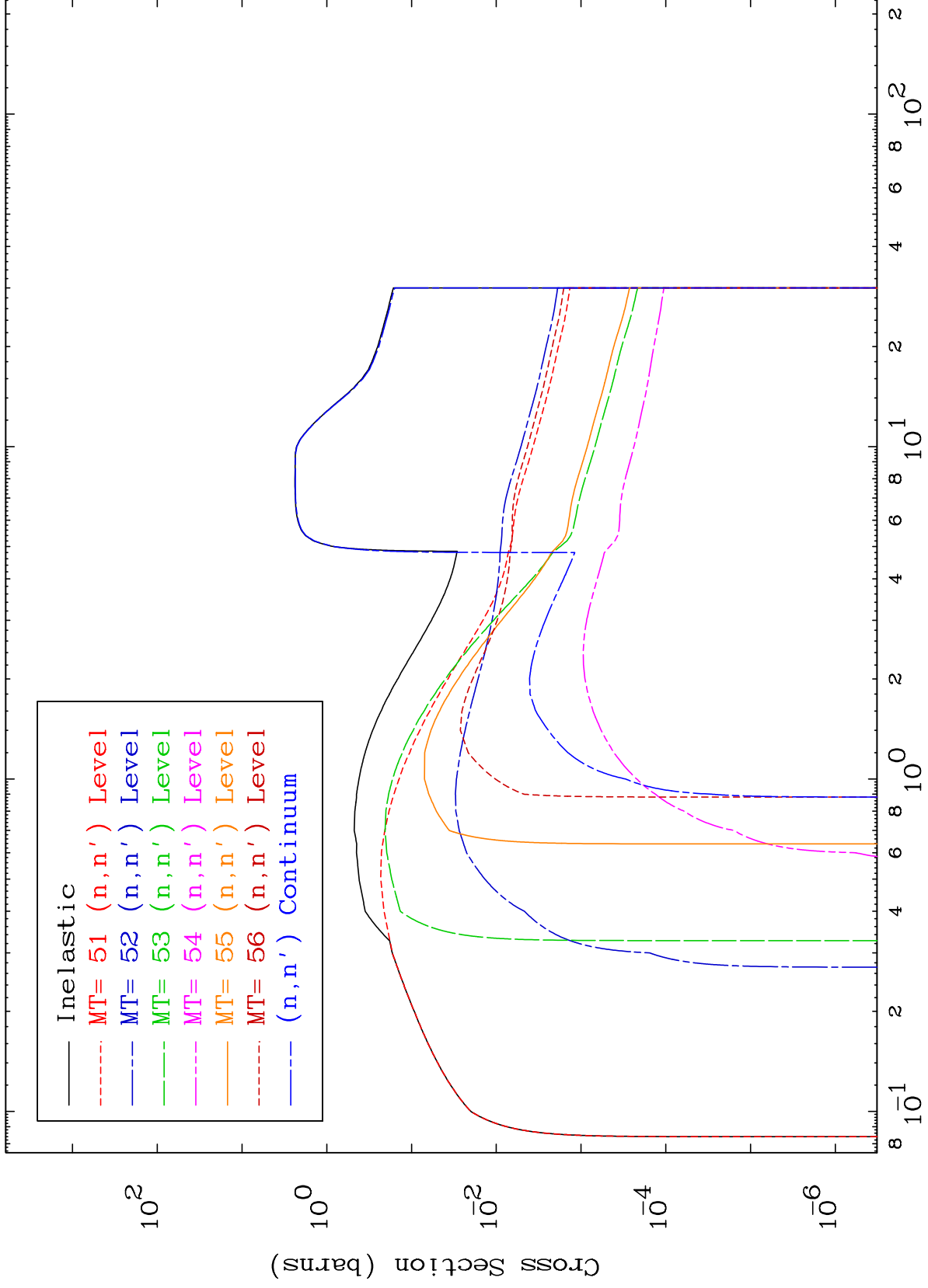
73-Ta-173



MAT 7304

(n,n') Level
293 Kelvin Cross Sections

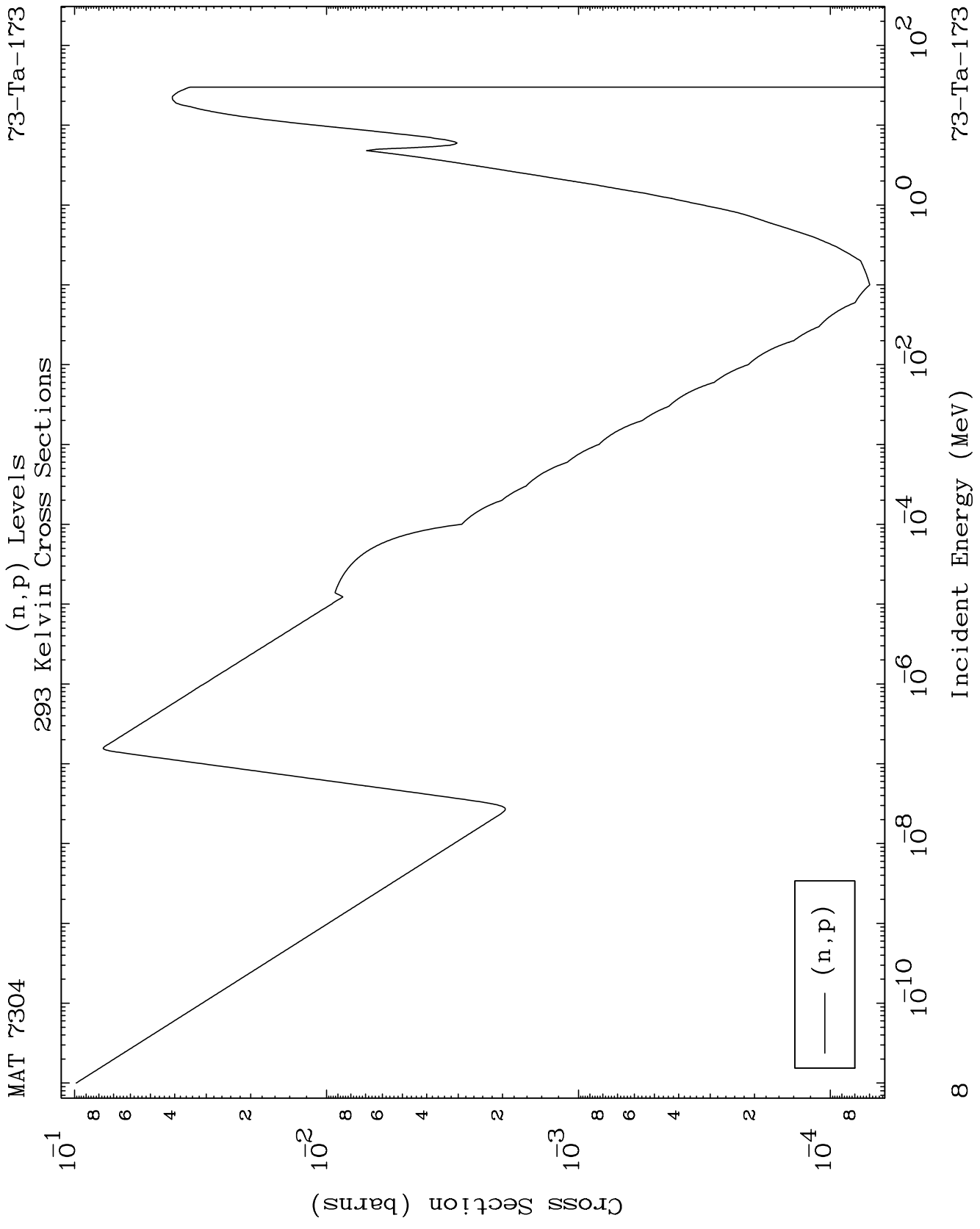
73-Ta-173



Incident Energy (MeV)

73-Ta-173

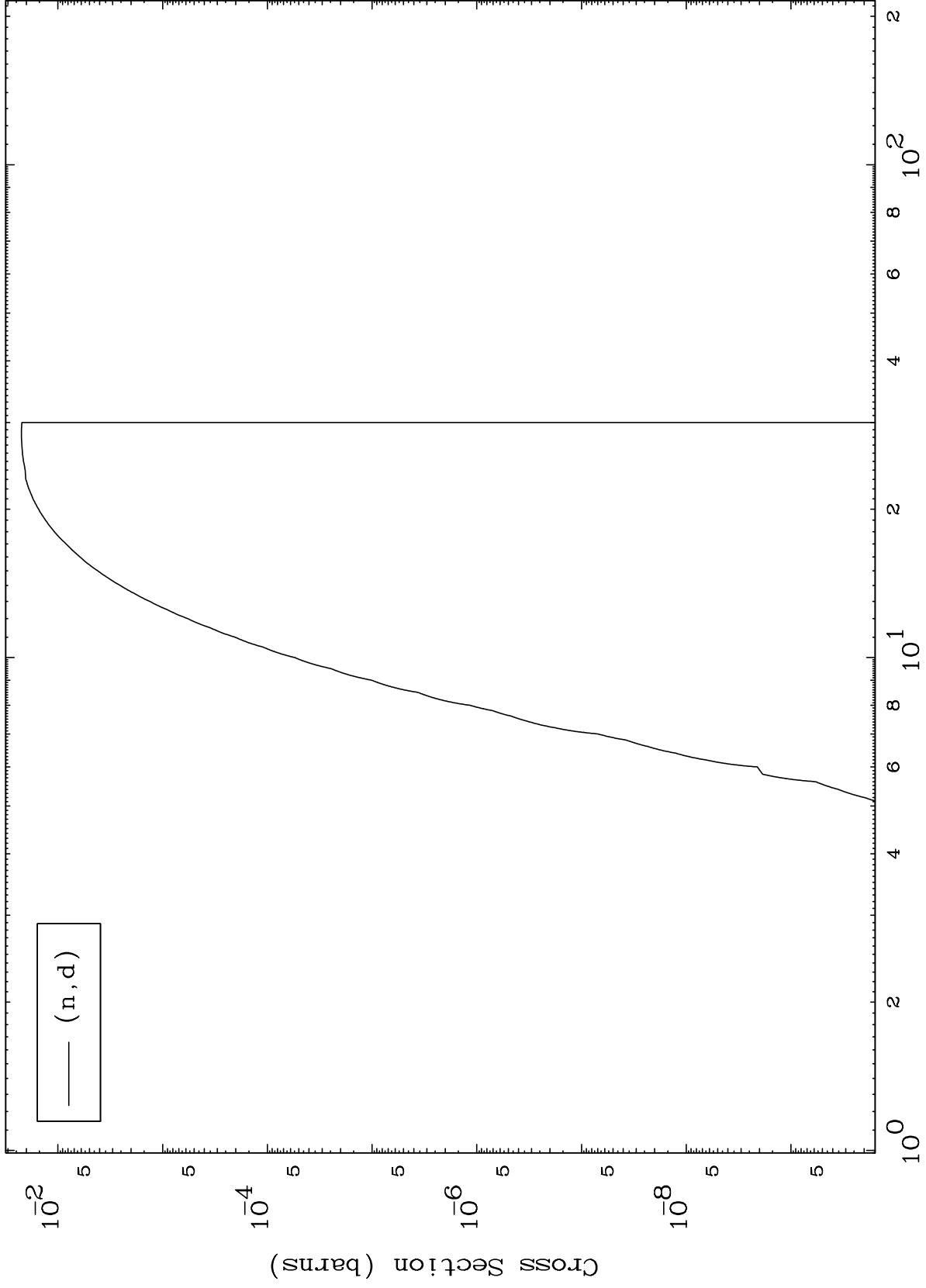
7



MAT 7304

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-173



9

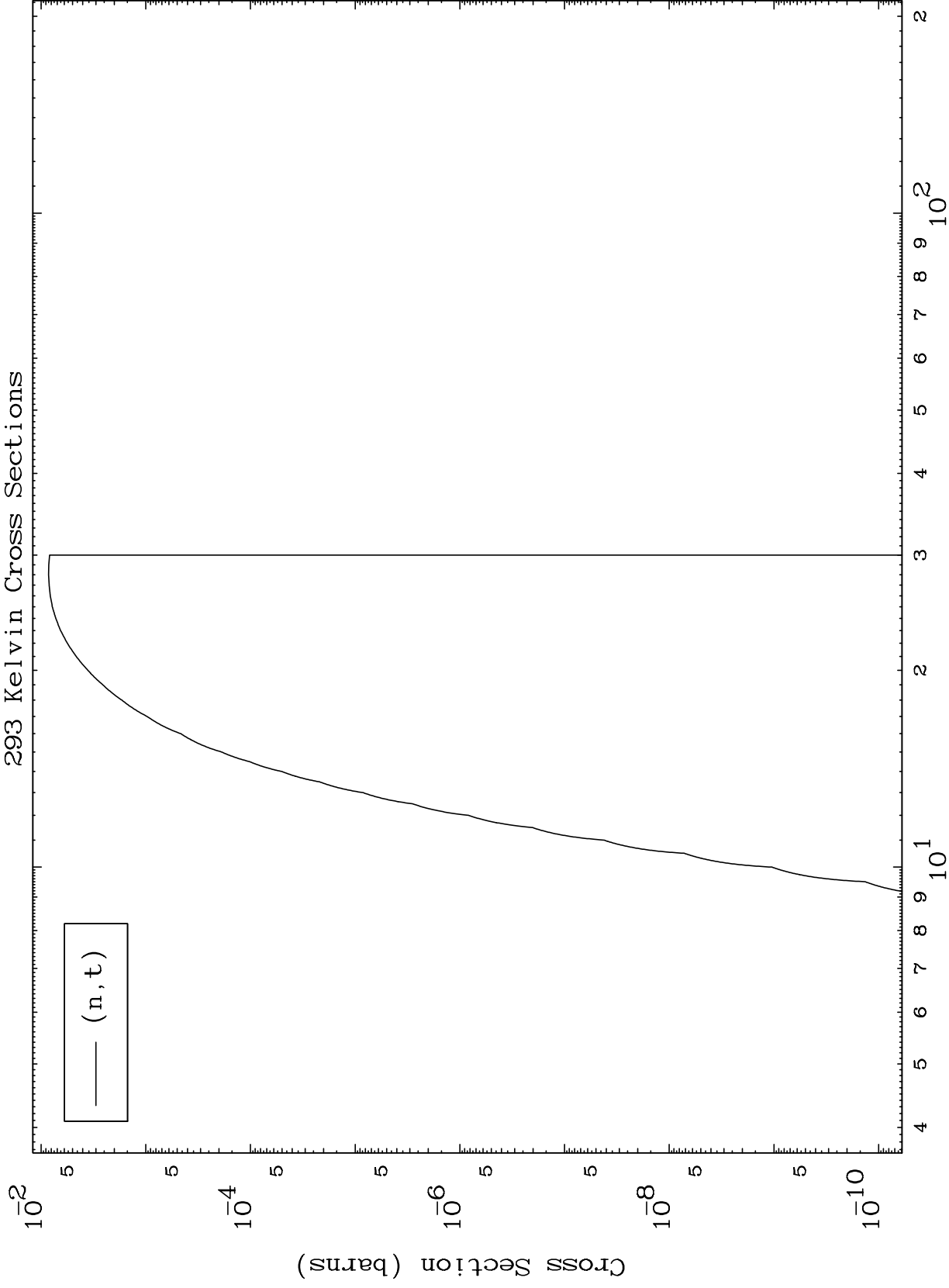
Incident Energy (MeV)

73-Ta-173

MAT 7304

(n,t) Levels
293 Kelvin Cross Sections

73-Ta-173



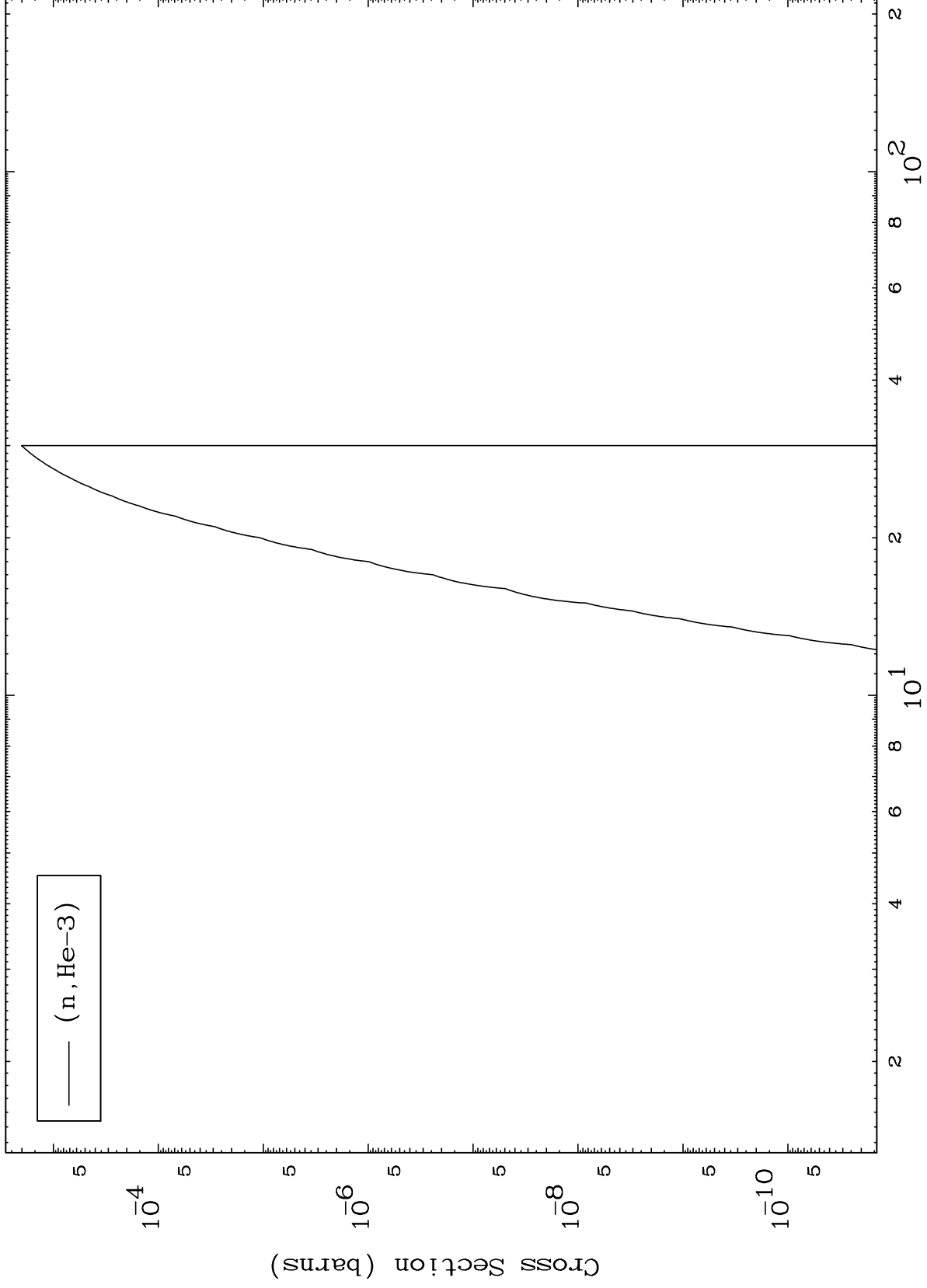
Incident Energy (MeV)

73-Ta-173

MAT 7304

(n,He3) Levels
293 Kelvin Cross Sections

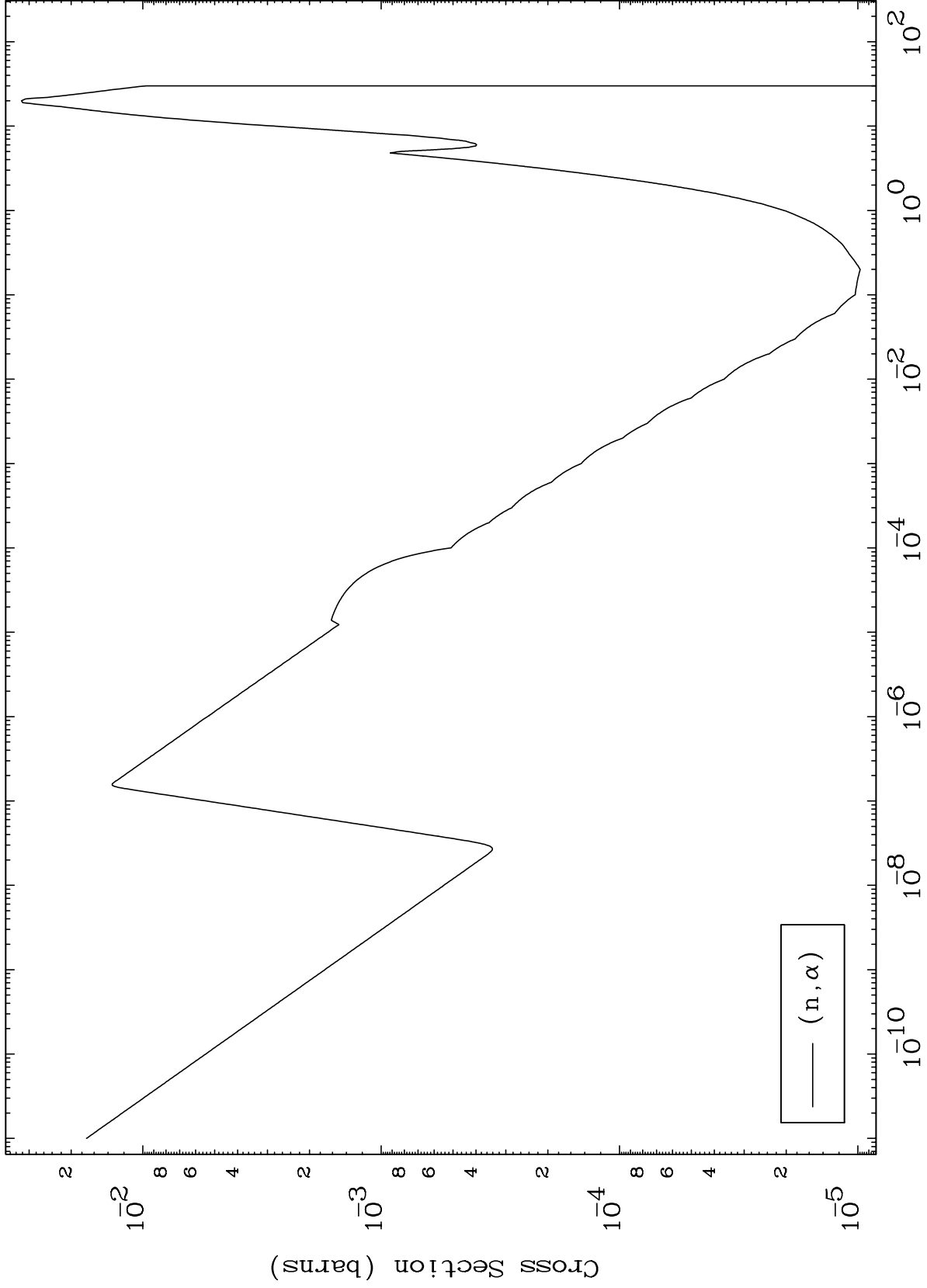
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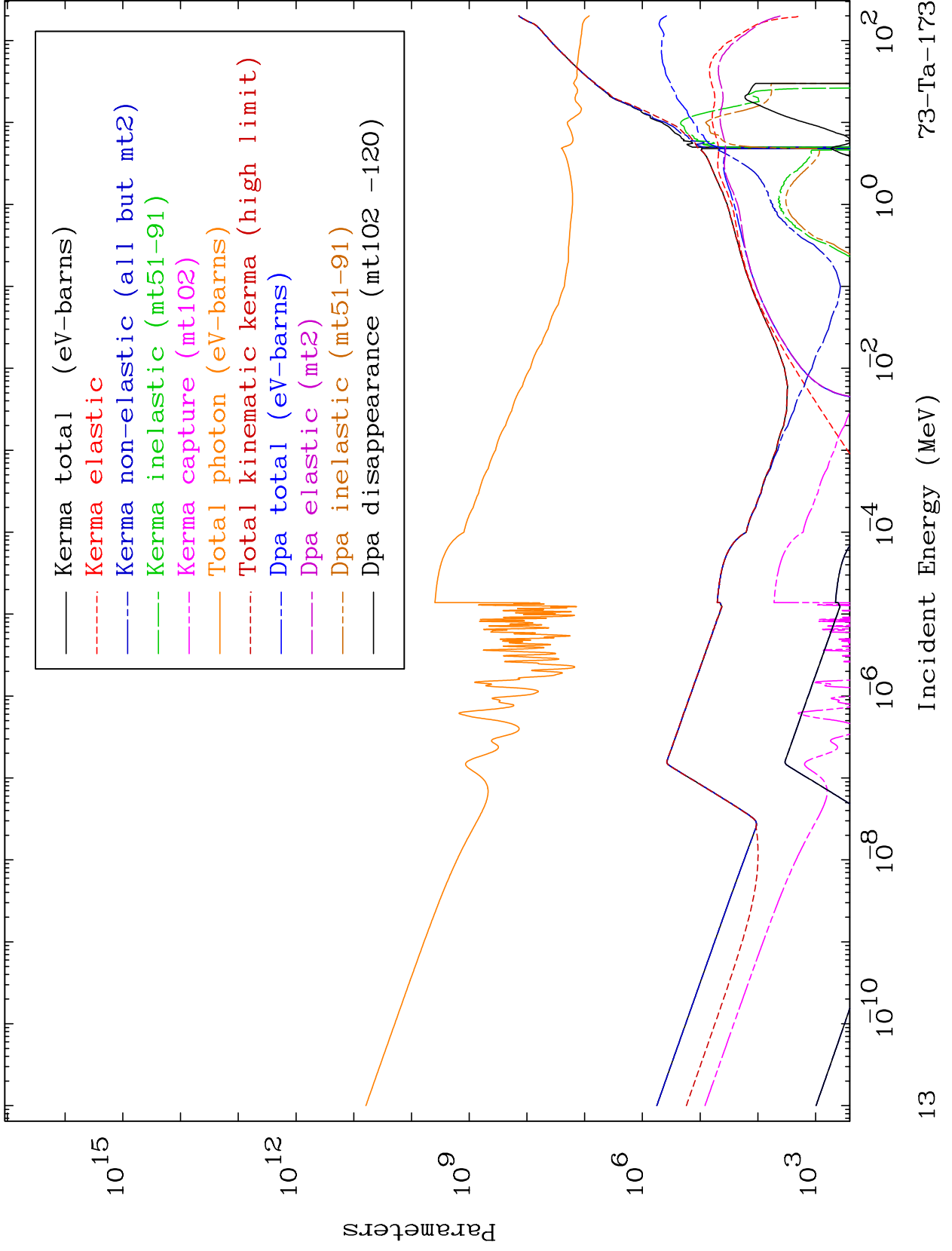


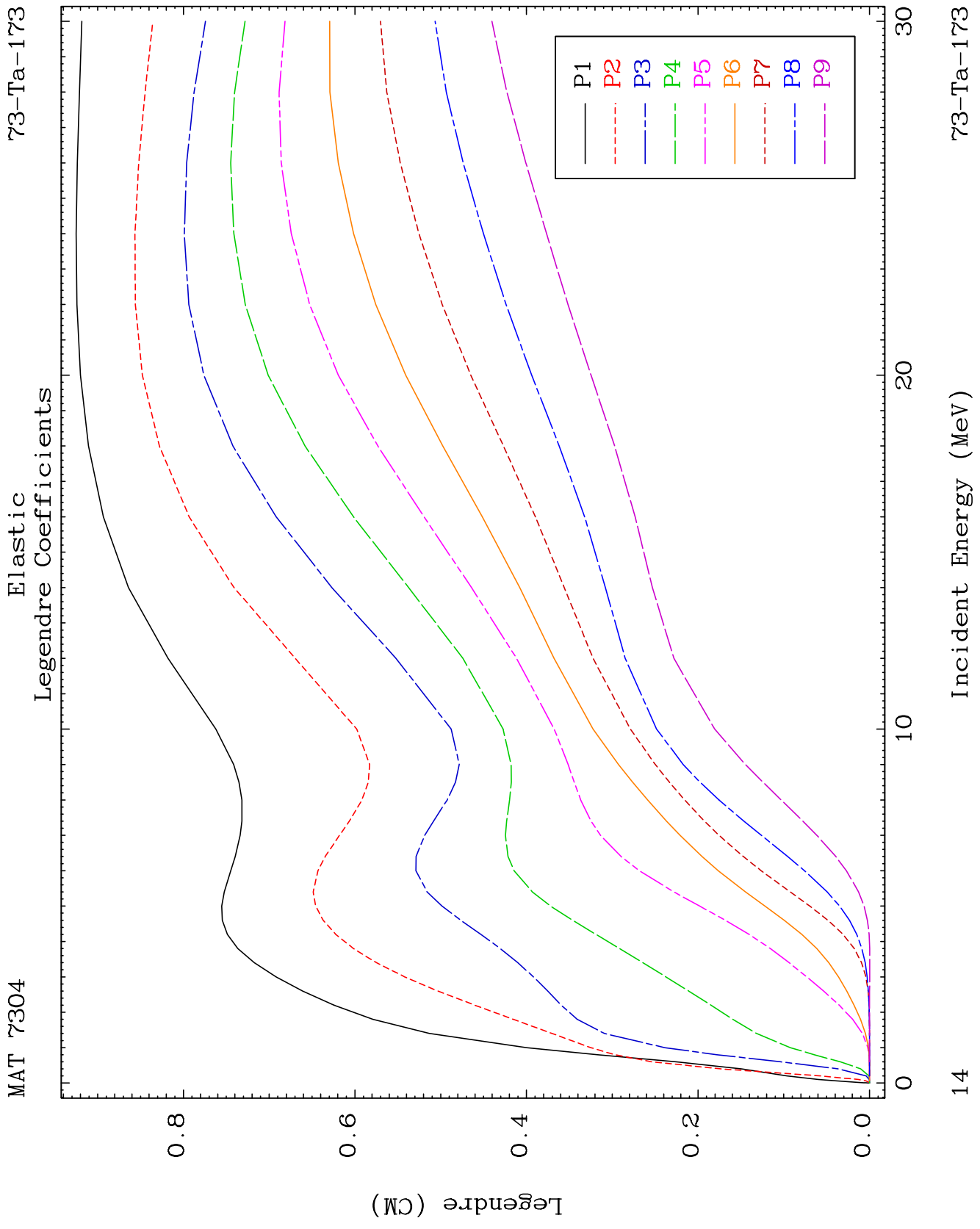
MAT 7304

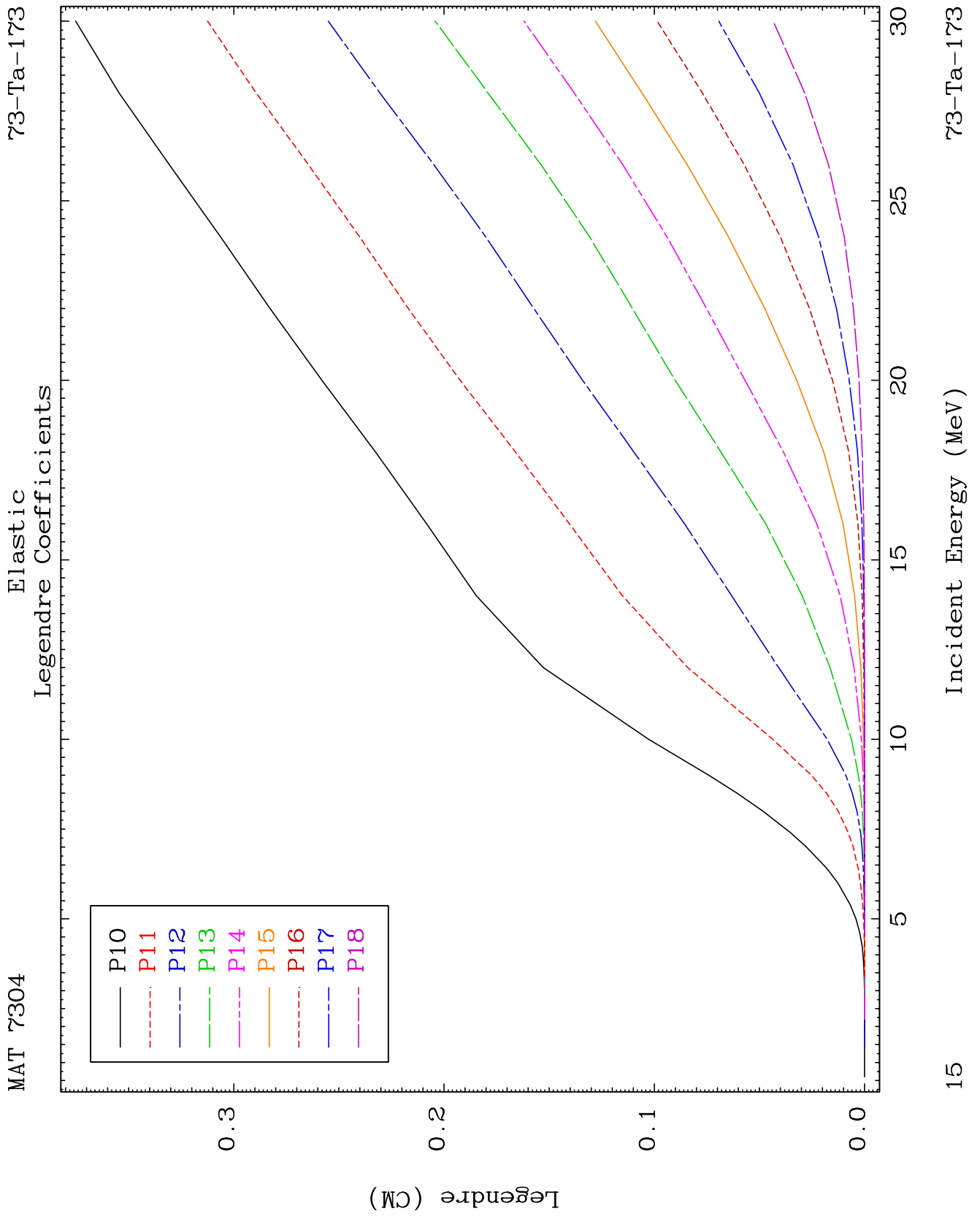
(n,α) Levels
293 Kelvin Cross Sections

73-Ta-173





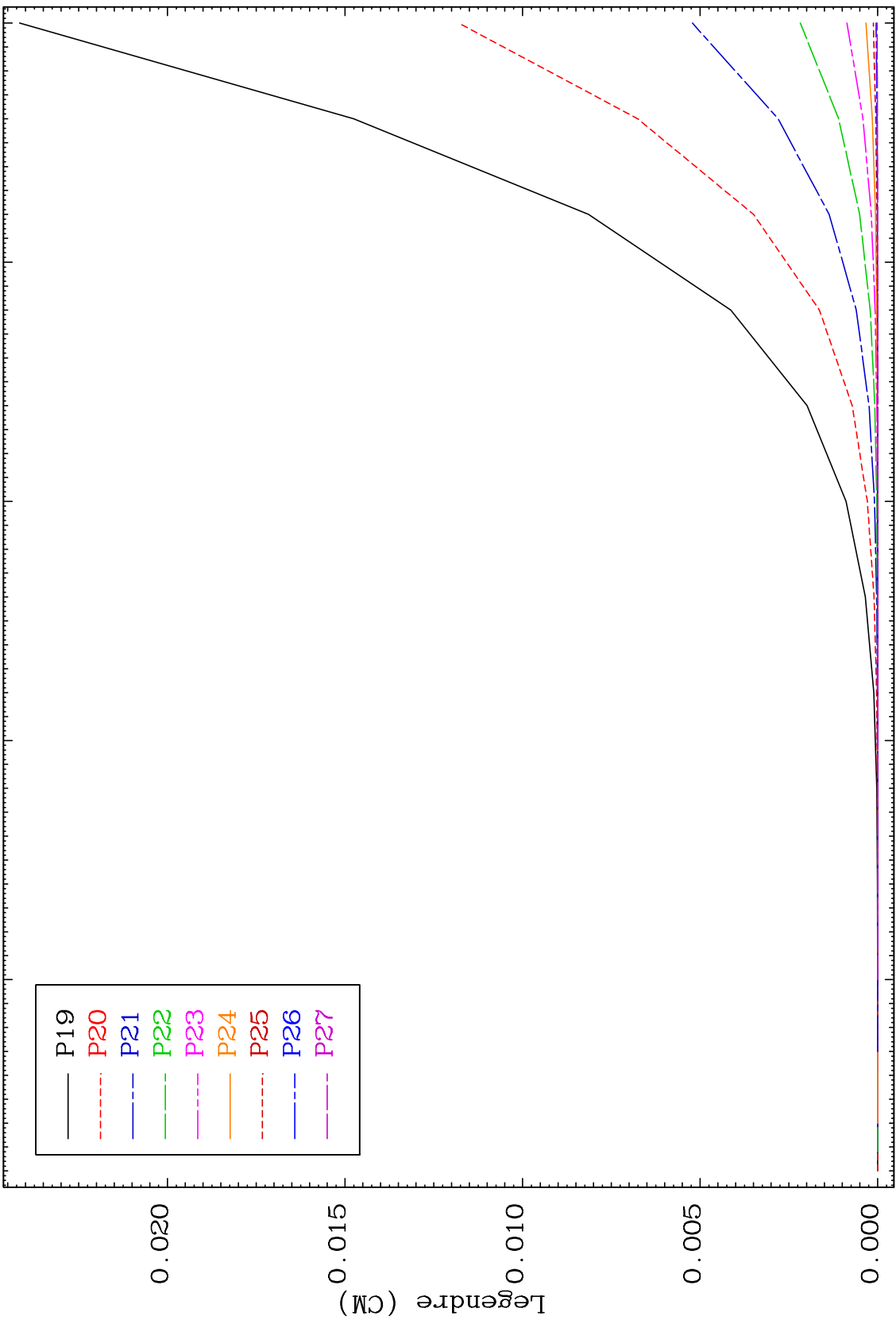




MAT 7304

Elastic Legendre Coefficients

73-Ta-173



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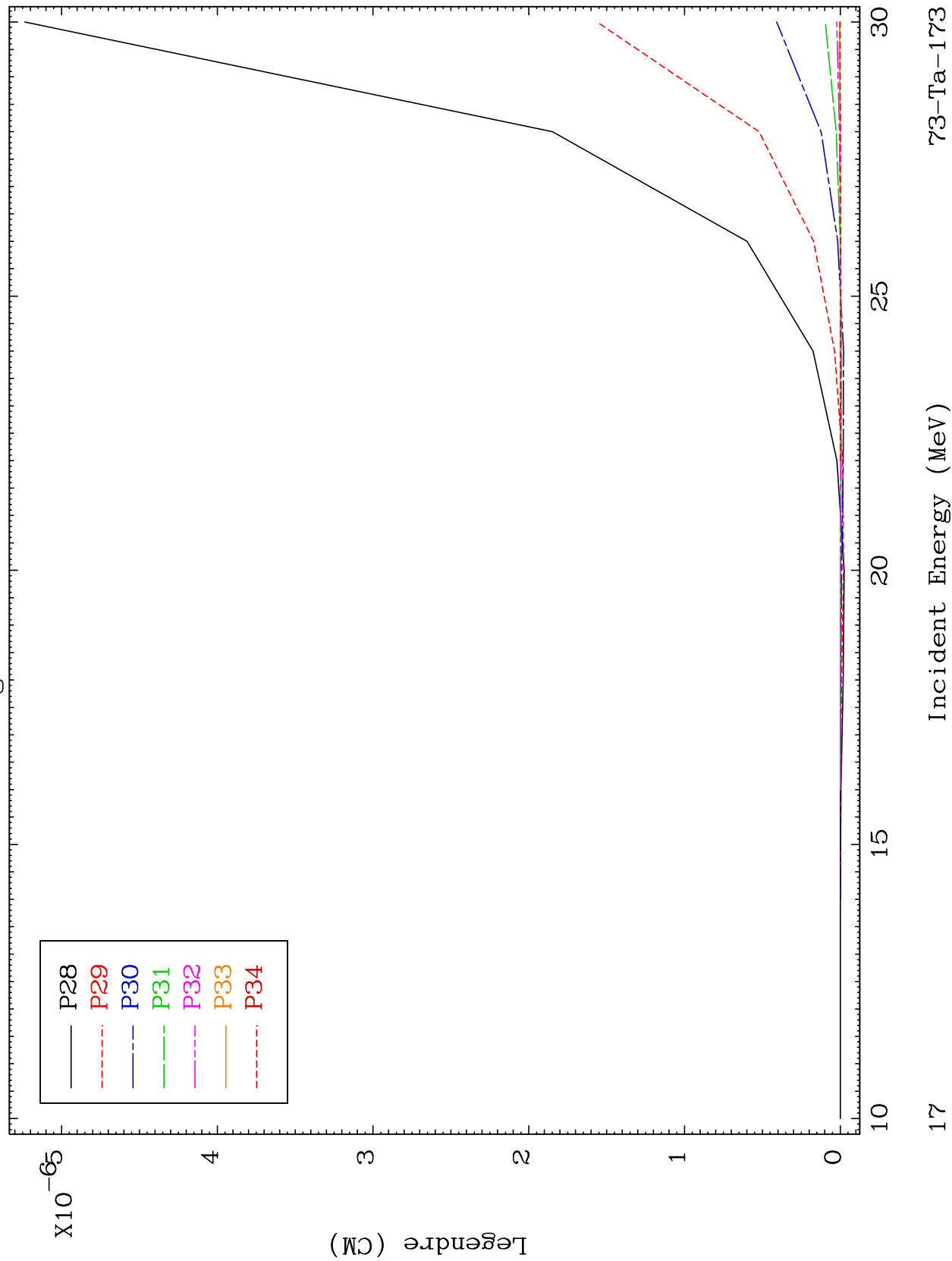
Incident Energy (MeV)

73-Ta-173

MAT 7304

Elastic Legendre Coefficients

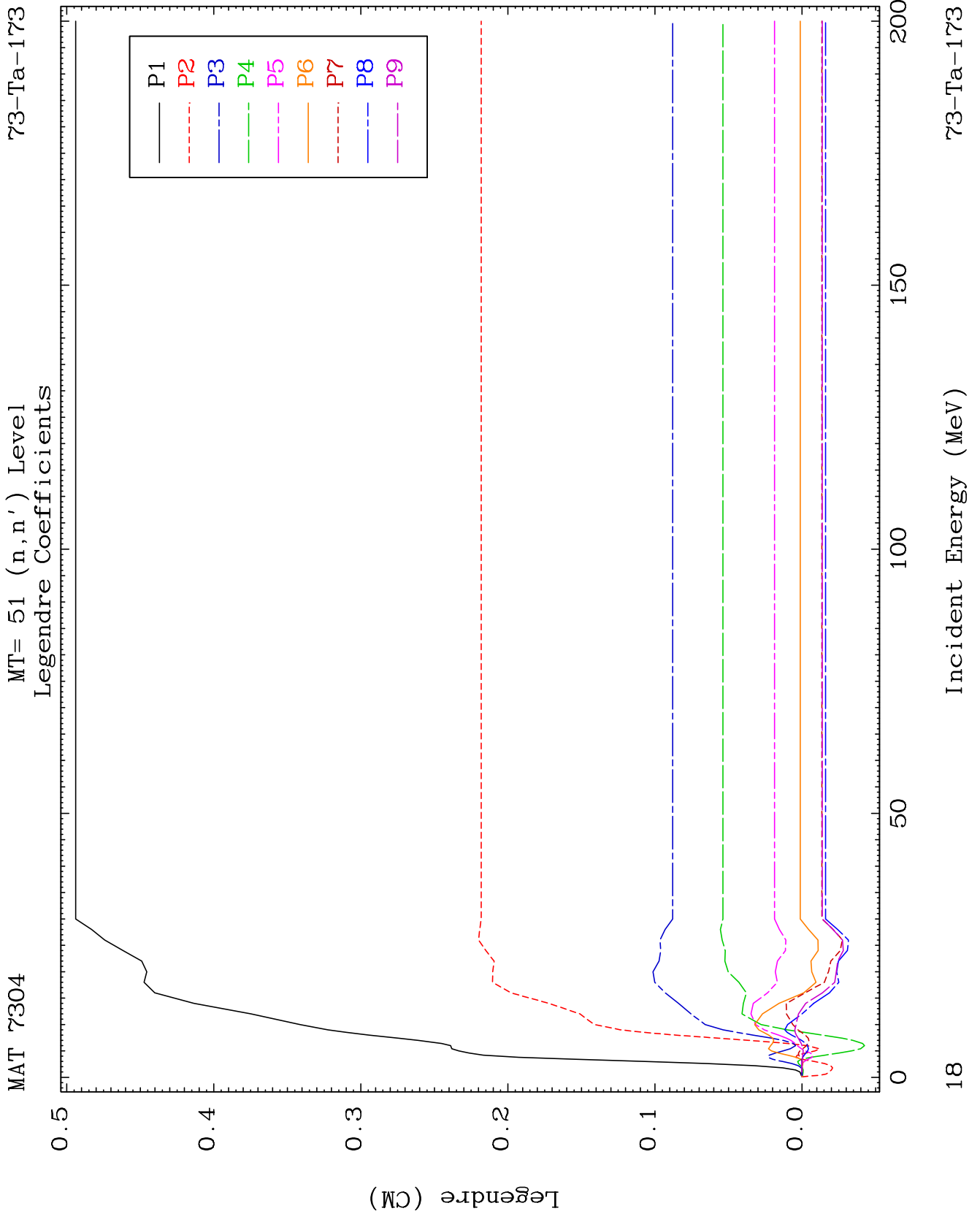
73-Ta-173



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Incident Energy (MeV)

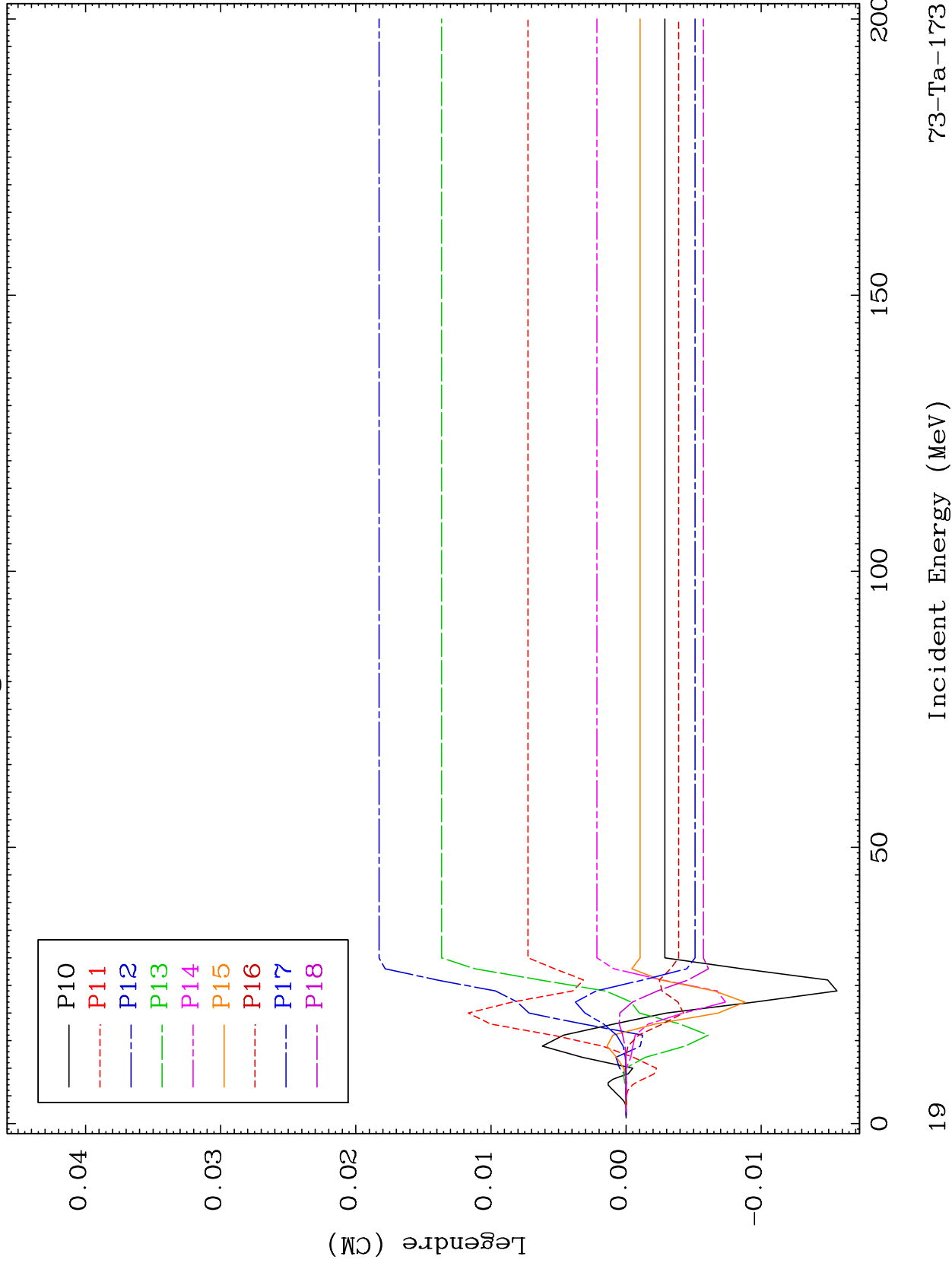
73-Ta-173



MAT 7304

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

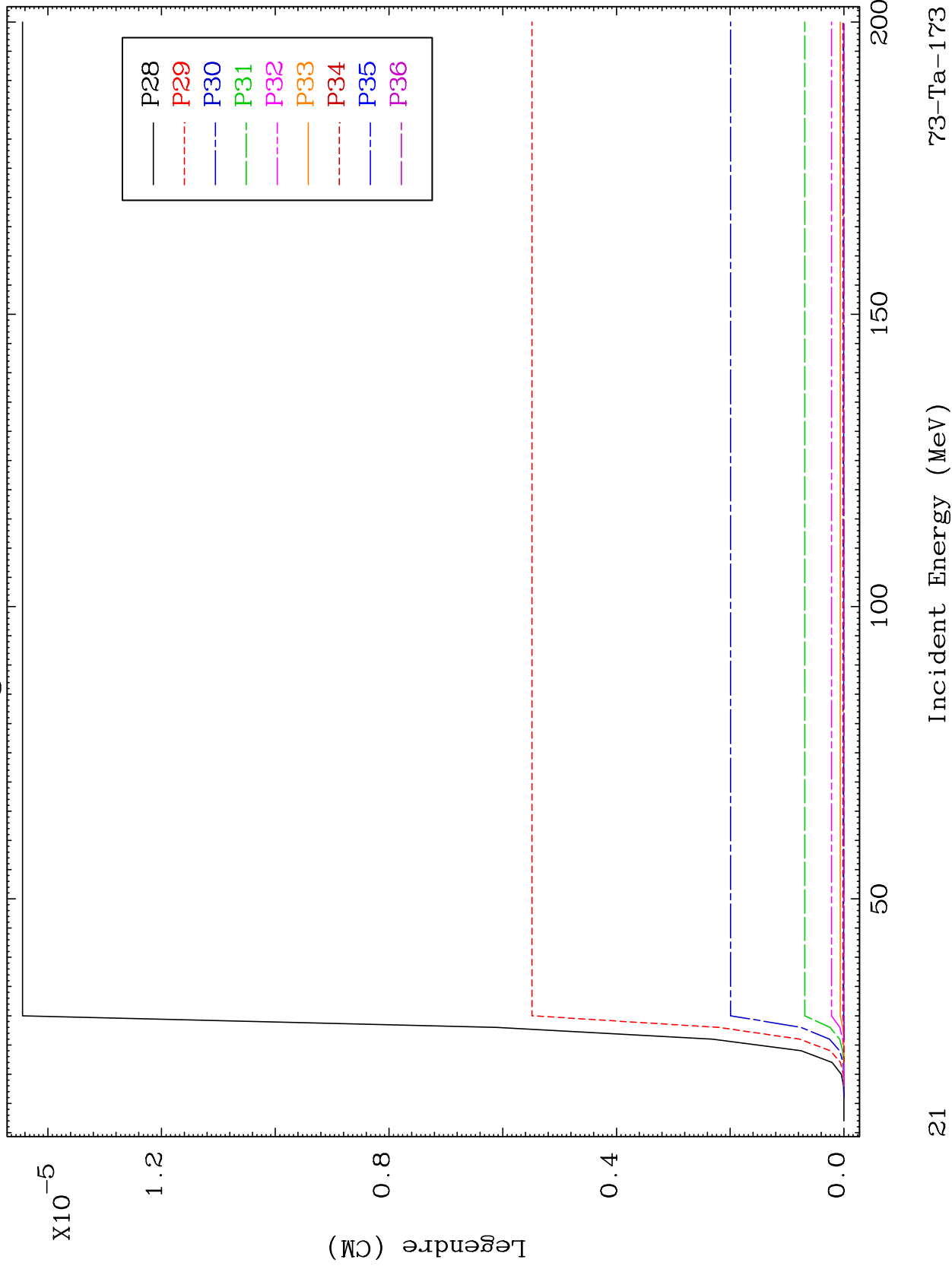
73-Ta-173



MAT 7304

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

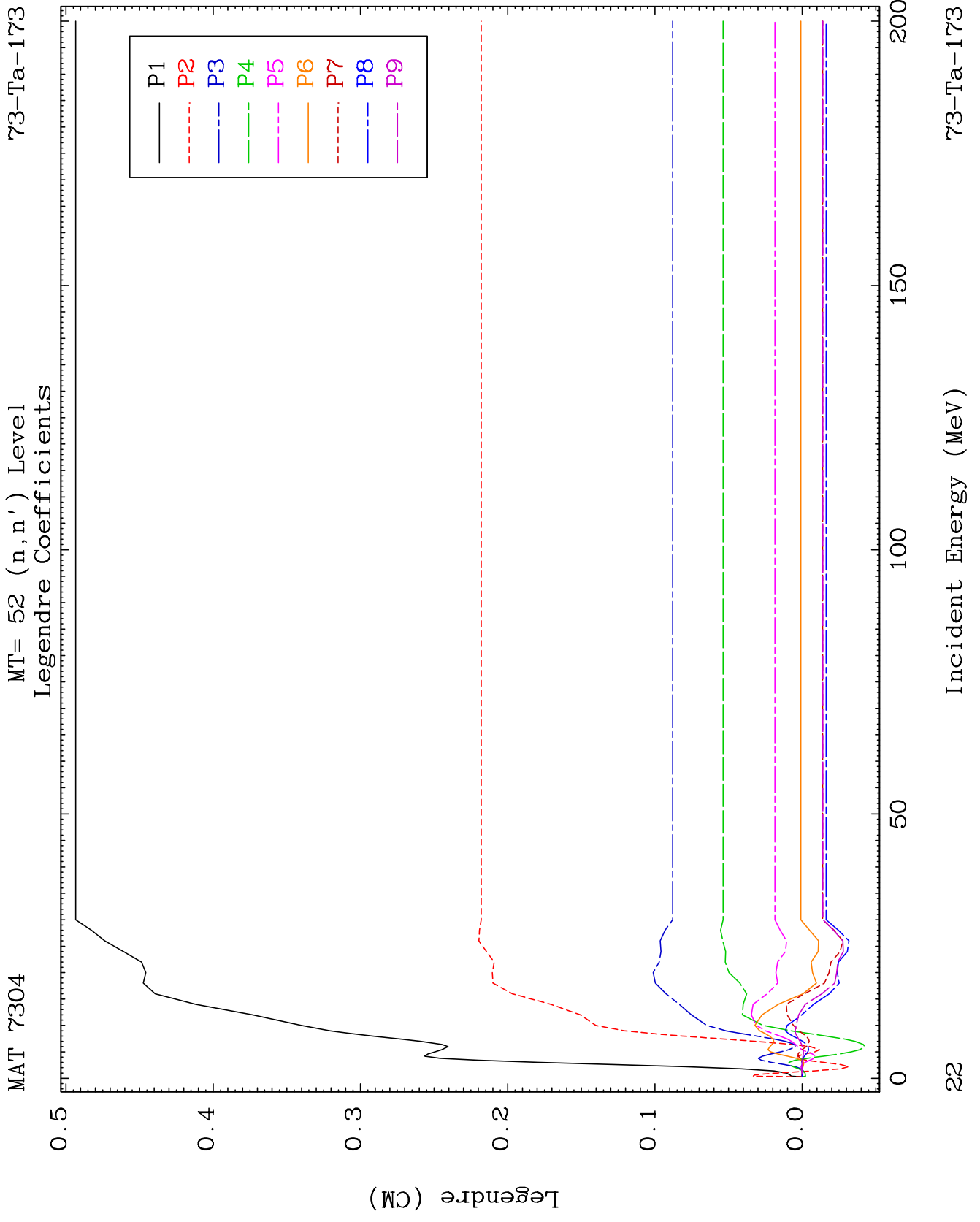
73-Ta-173



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Incident Energy (MeV)

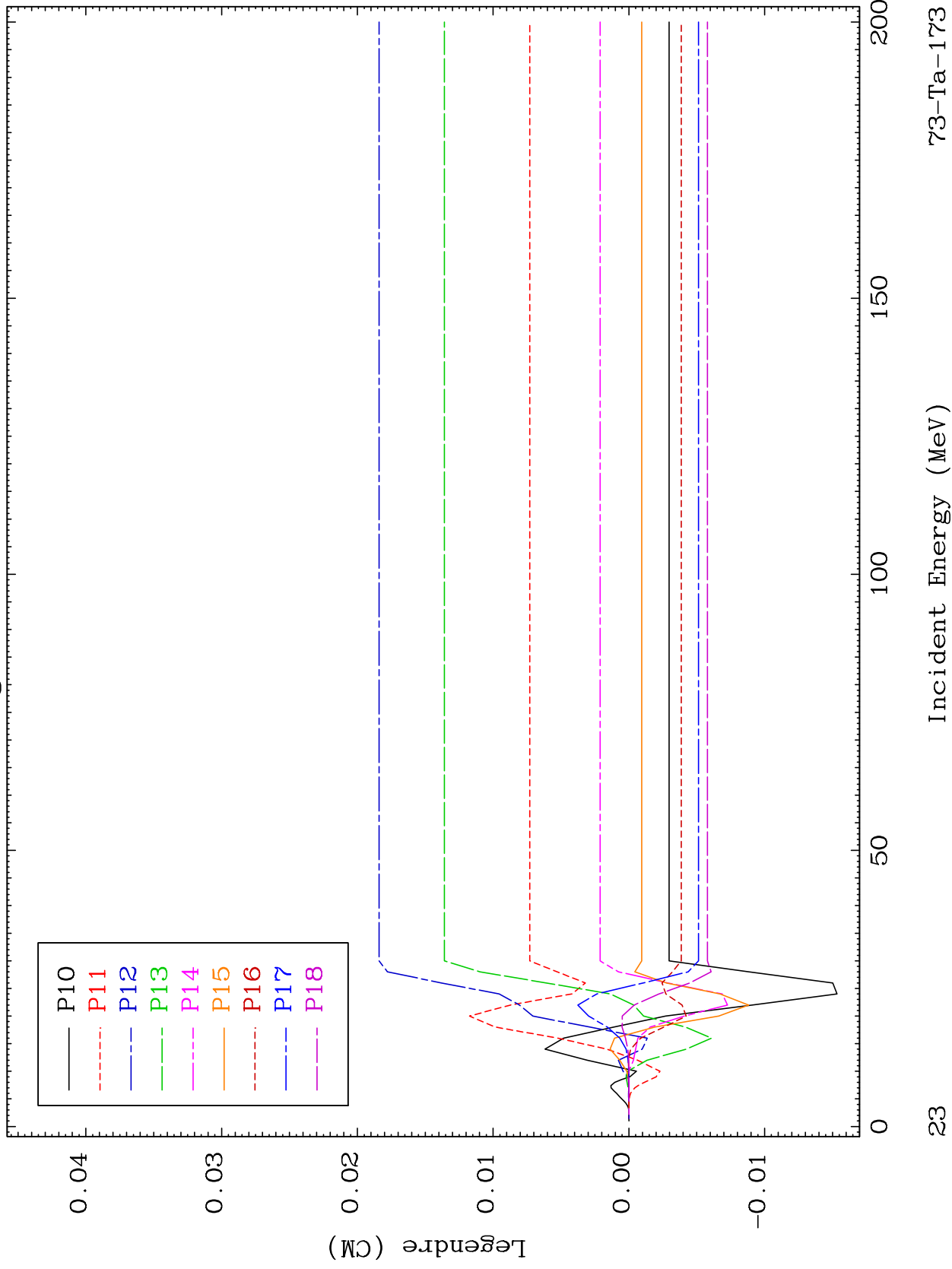
73-Ta-173



MAT 7304

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

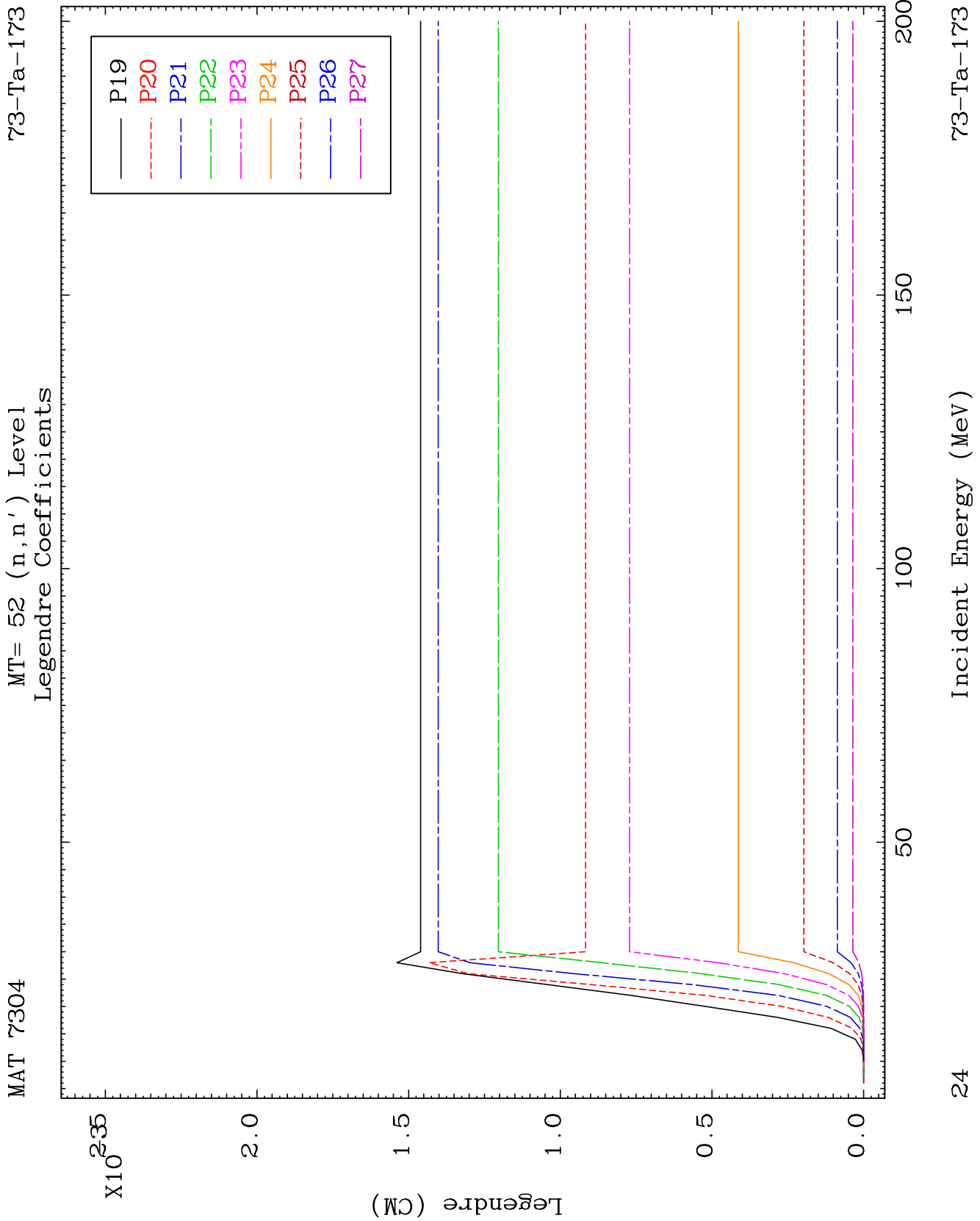
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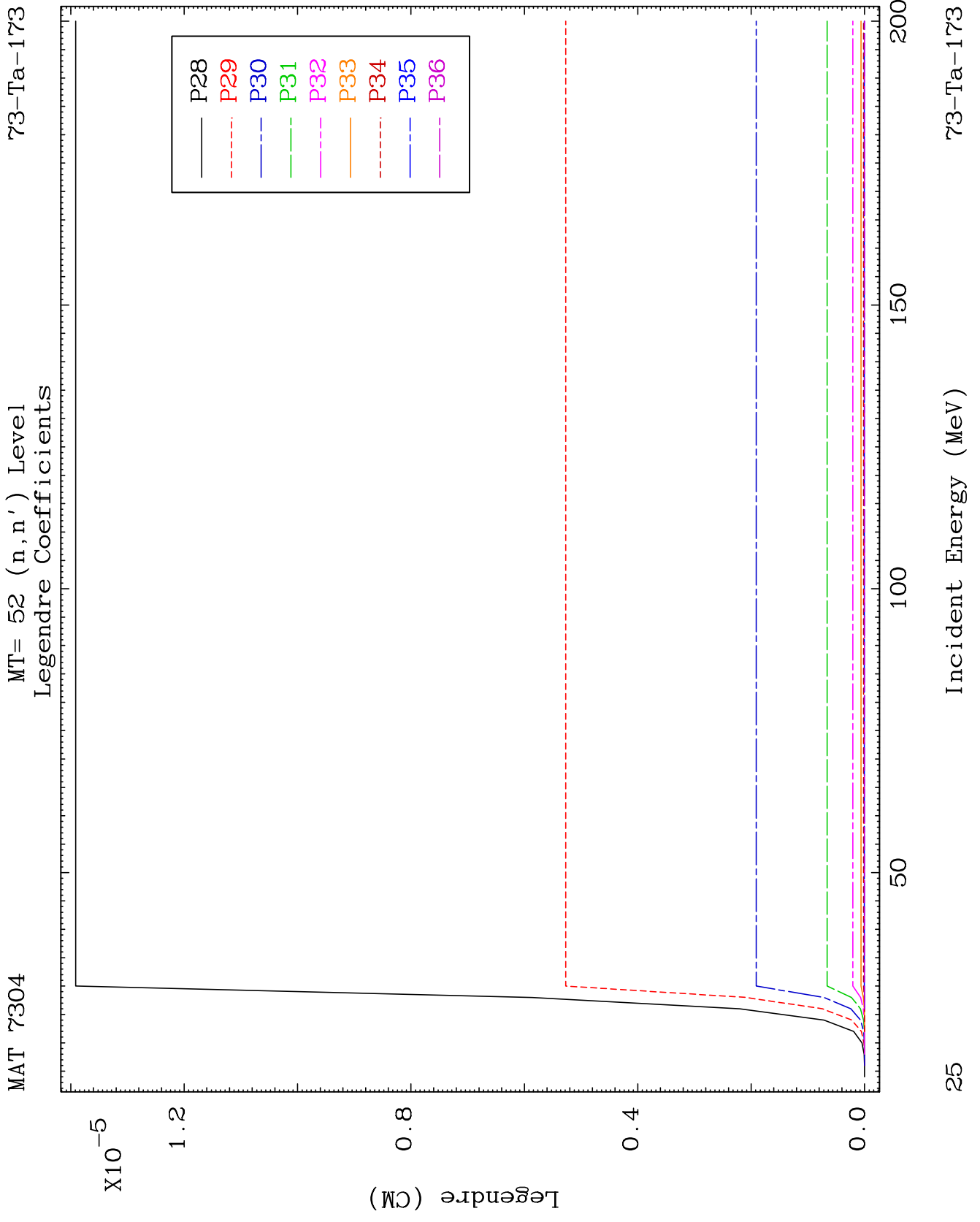


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Incident Energy (MeV)

73-Ta-173

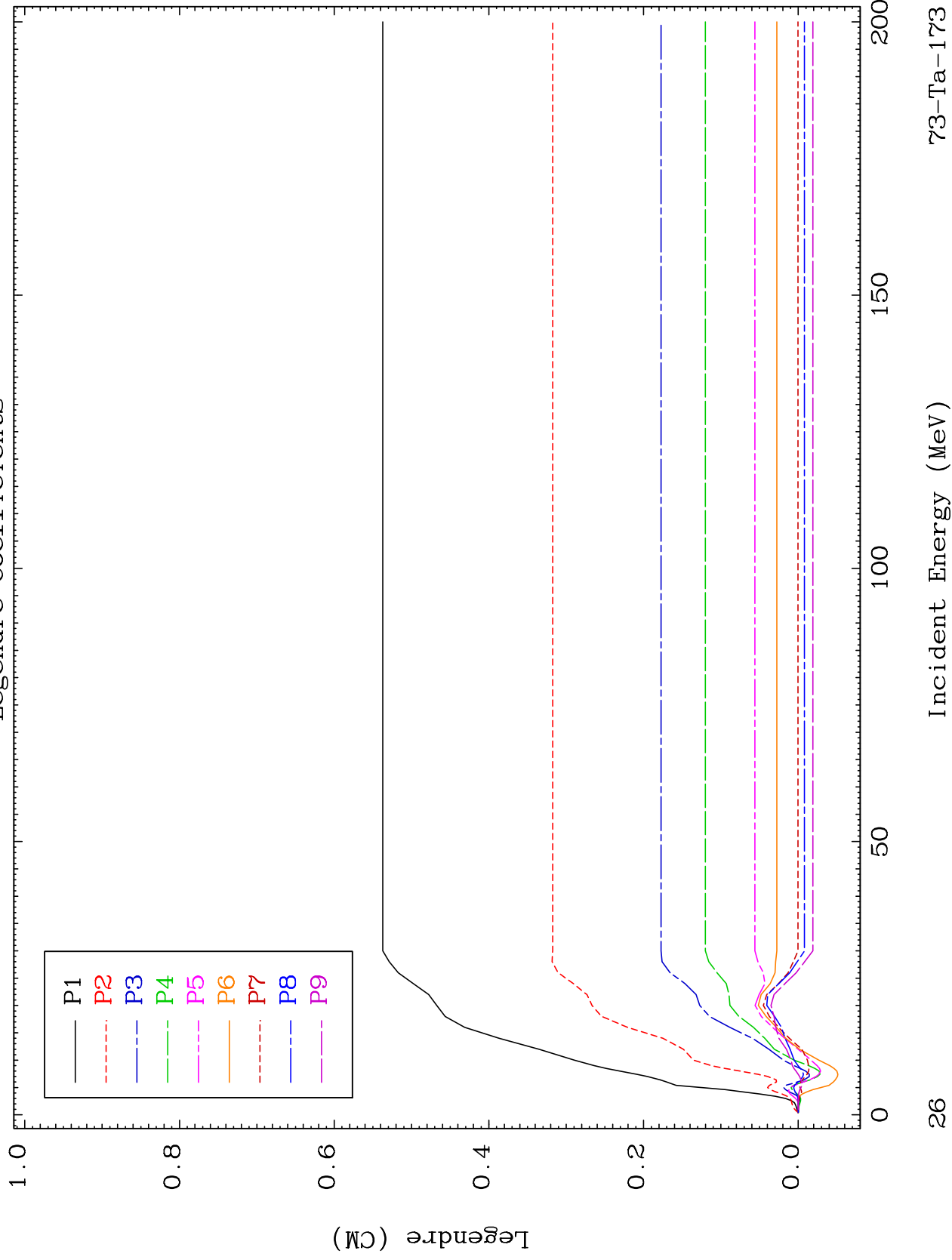




MAT 7304

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

73-Ta-173



26

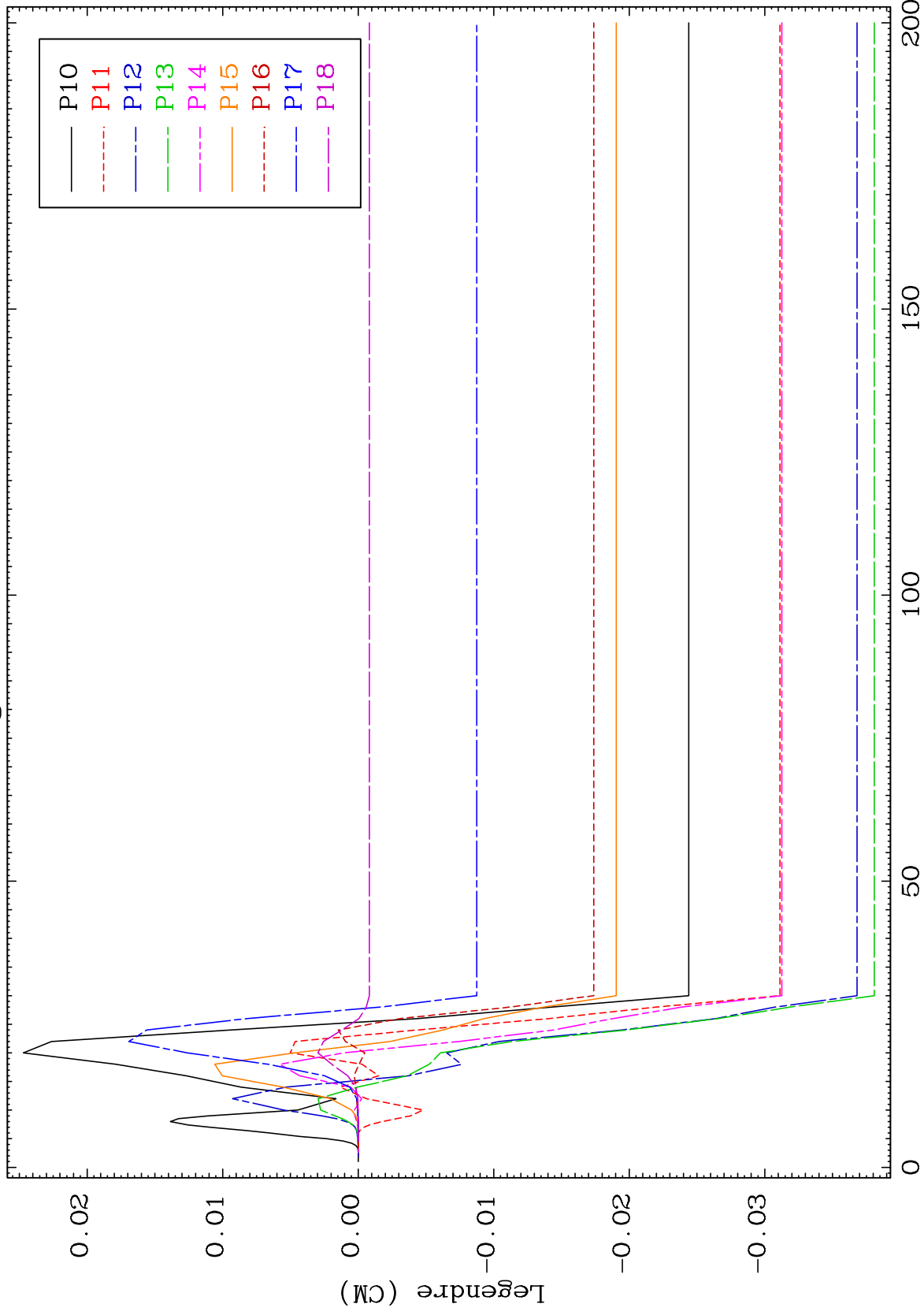
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

73-Ta-173



27

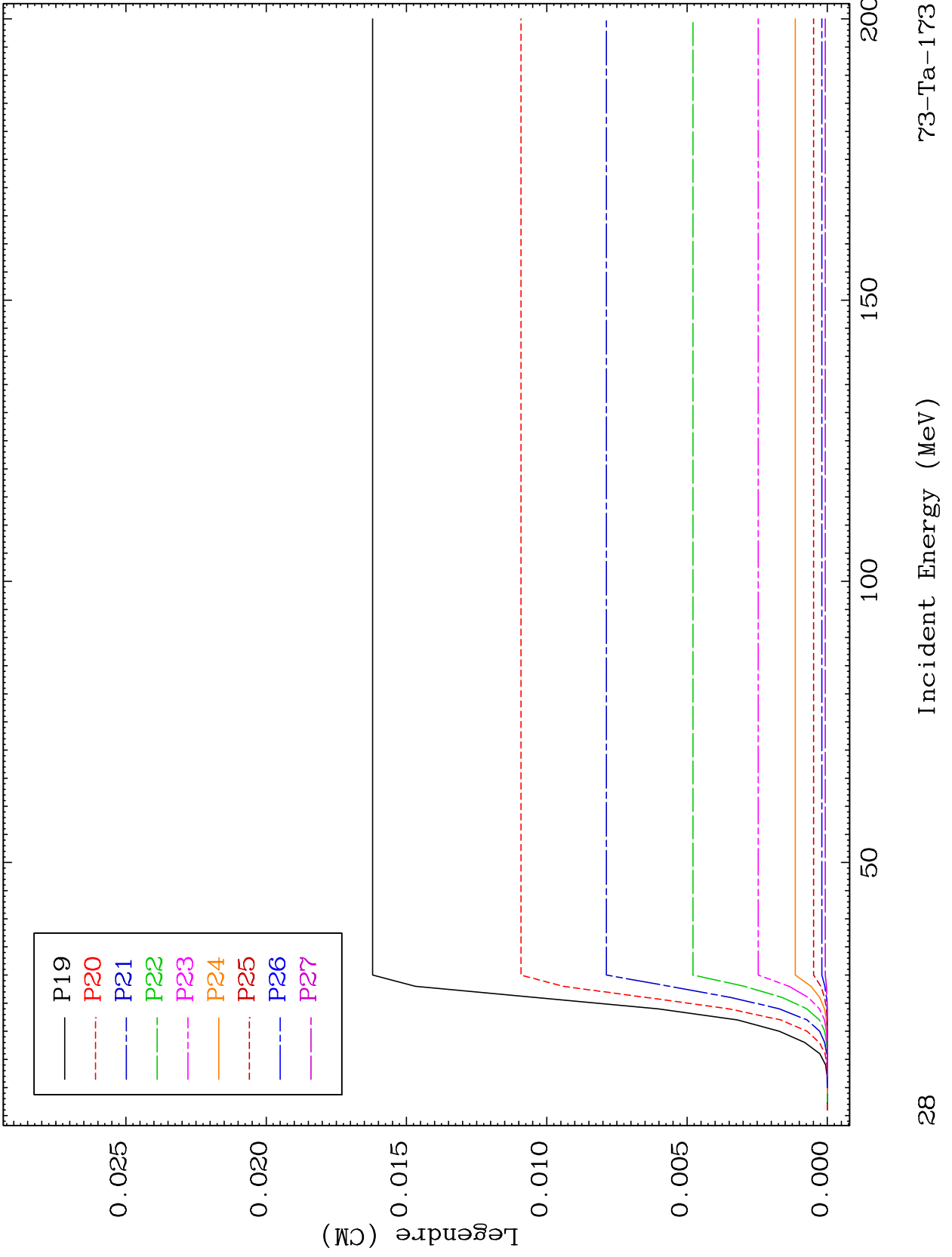
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

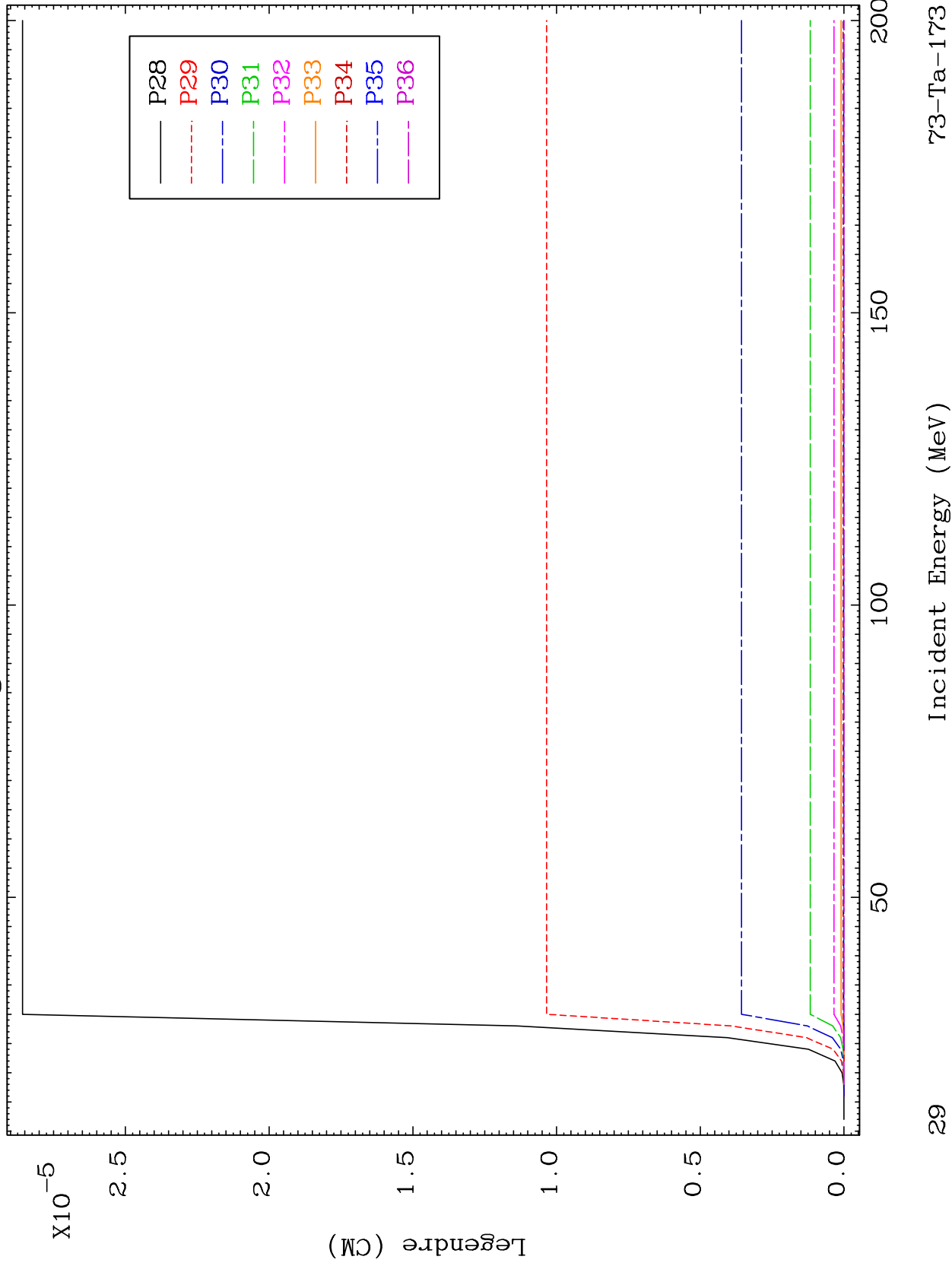
73-Ta-173



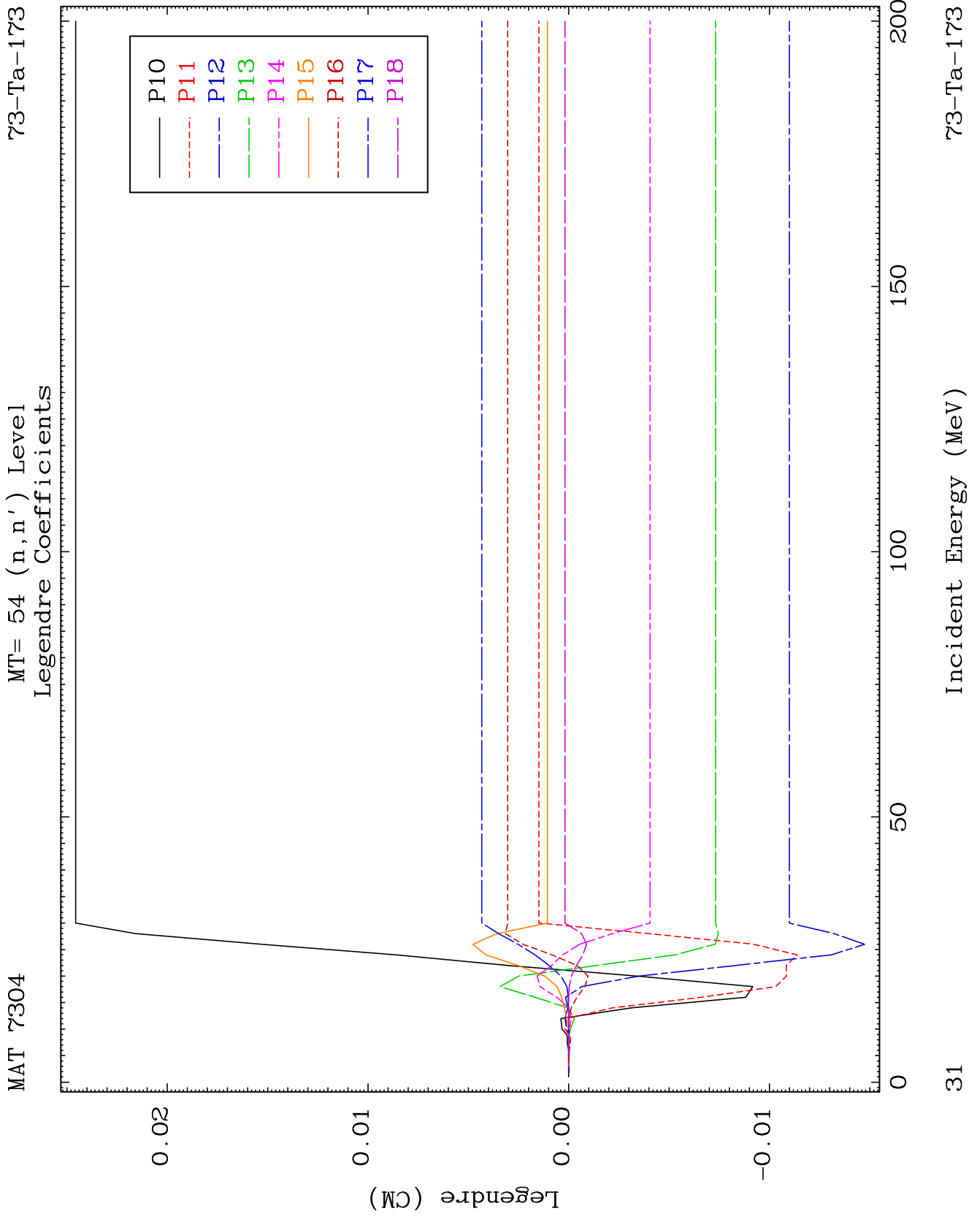
MAT 7304

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

73-Ta-173



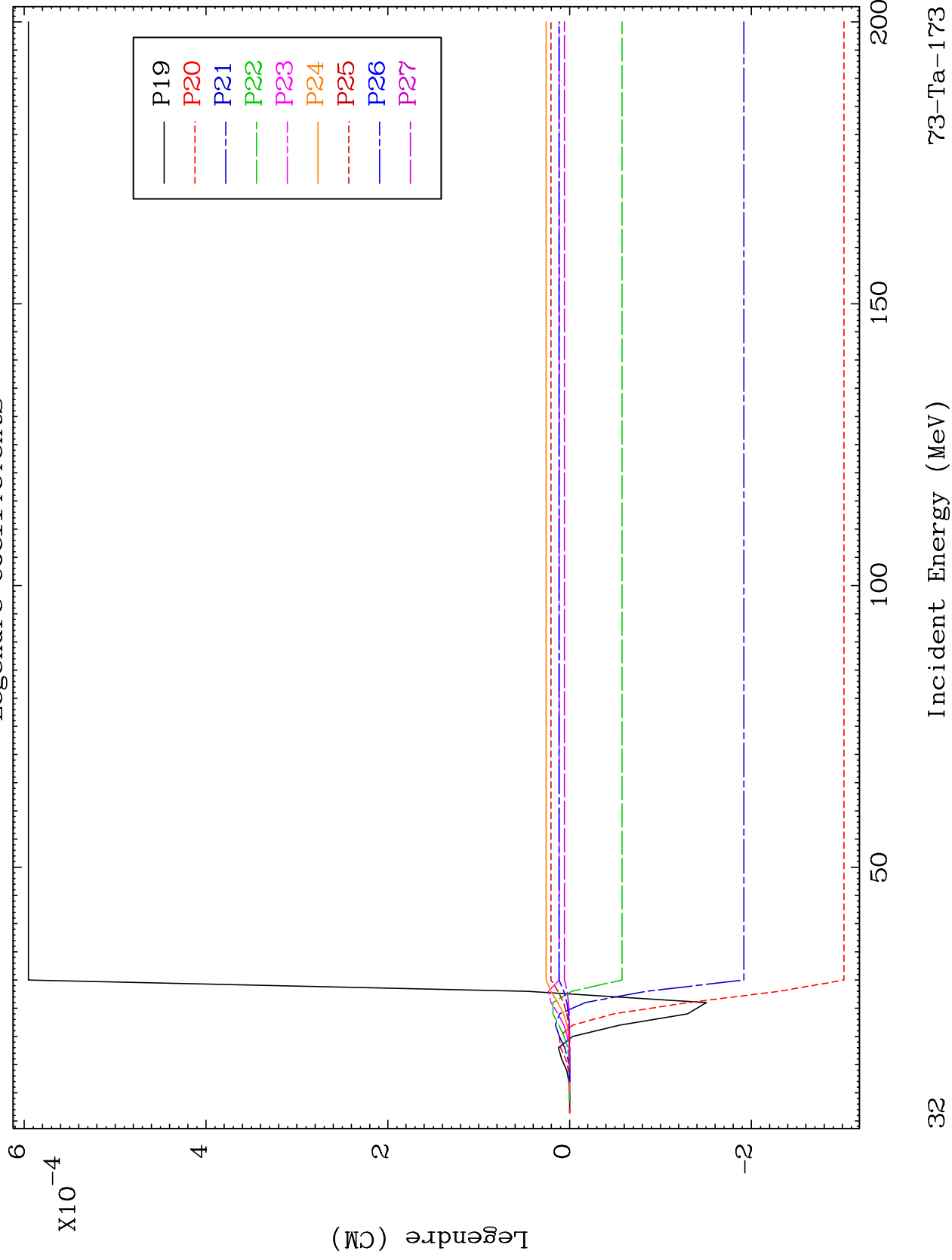
29



MAT 7304

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

73-Ta-173



32

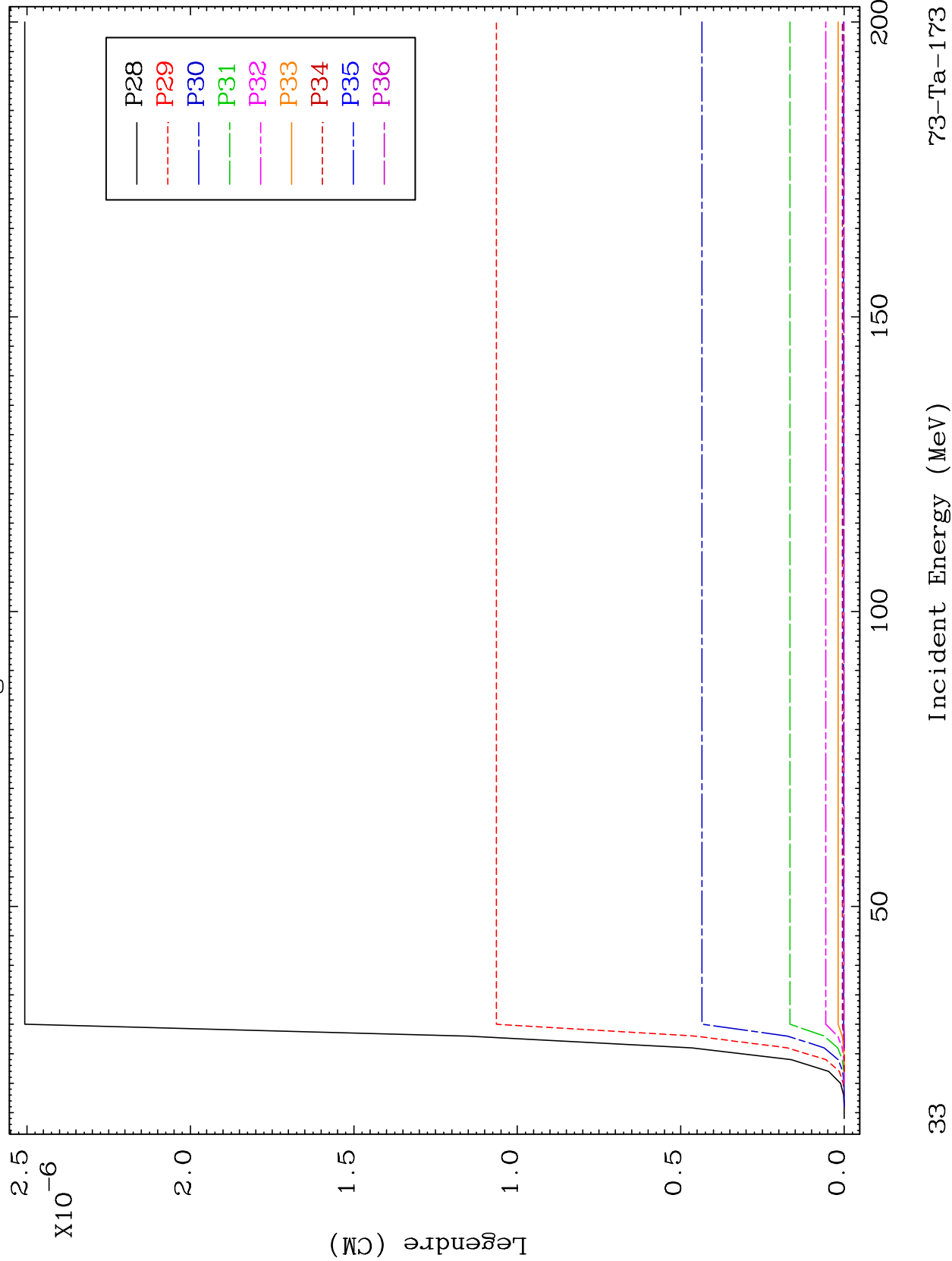
Incident Energy (MeV)

73-Ta-173

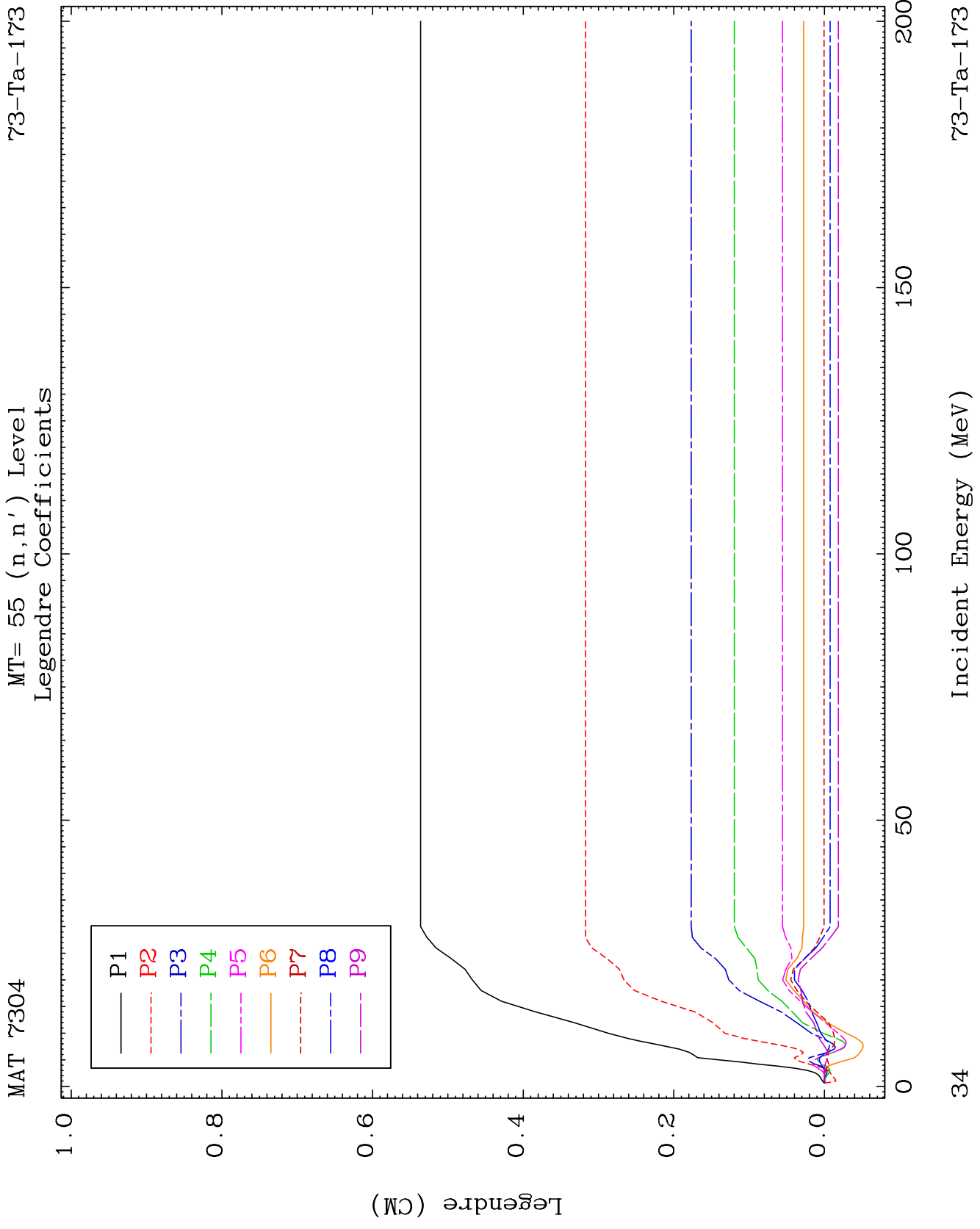
MAT 7304

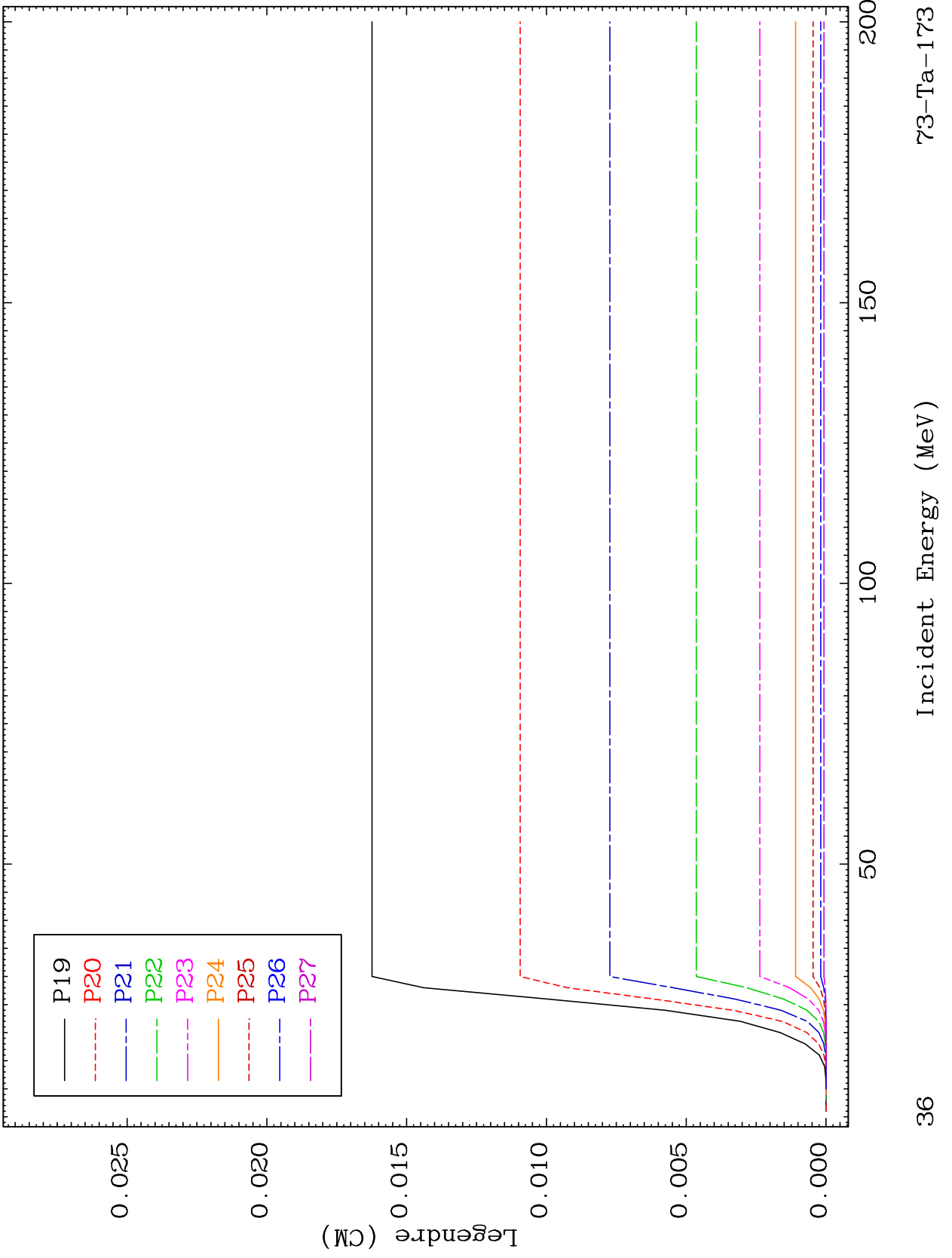
MT= 54 (n,n') Level
Legendre Coefficients

73-Ta-173



33

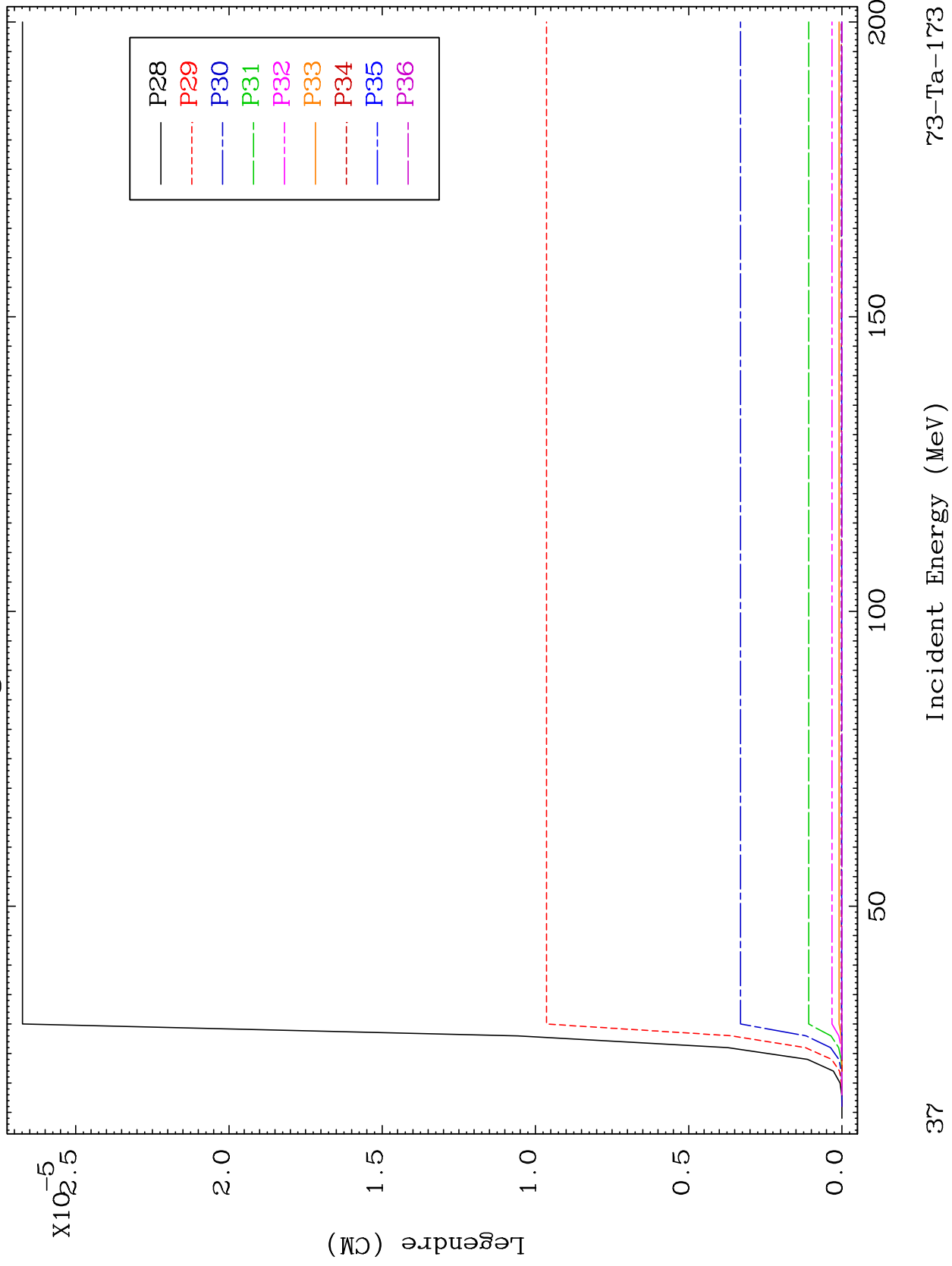




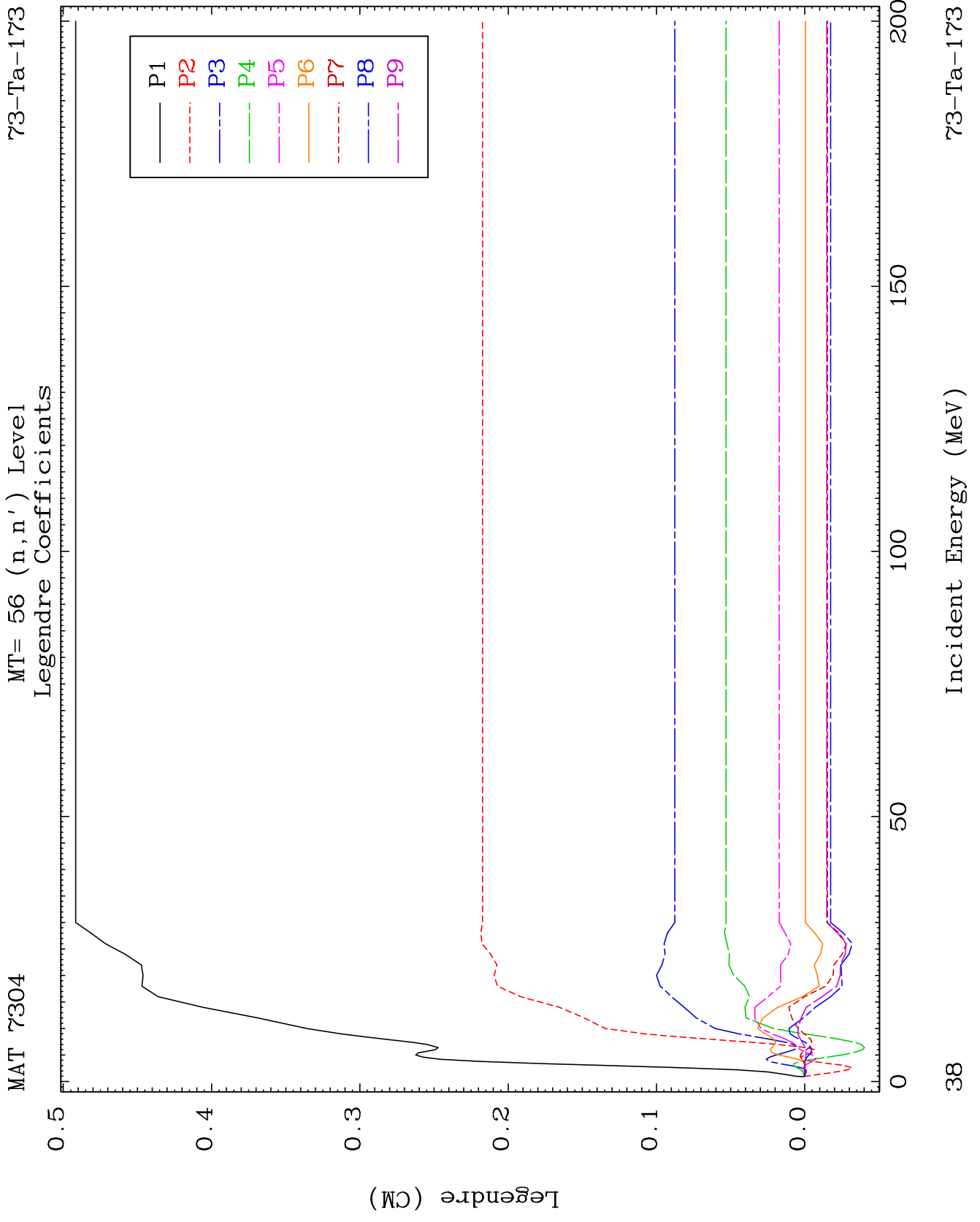
MAT 7304

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

73-Ta-173



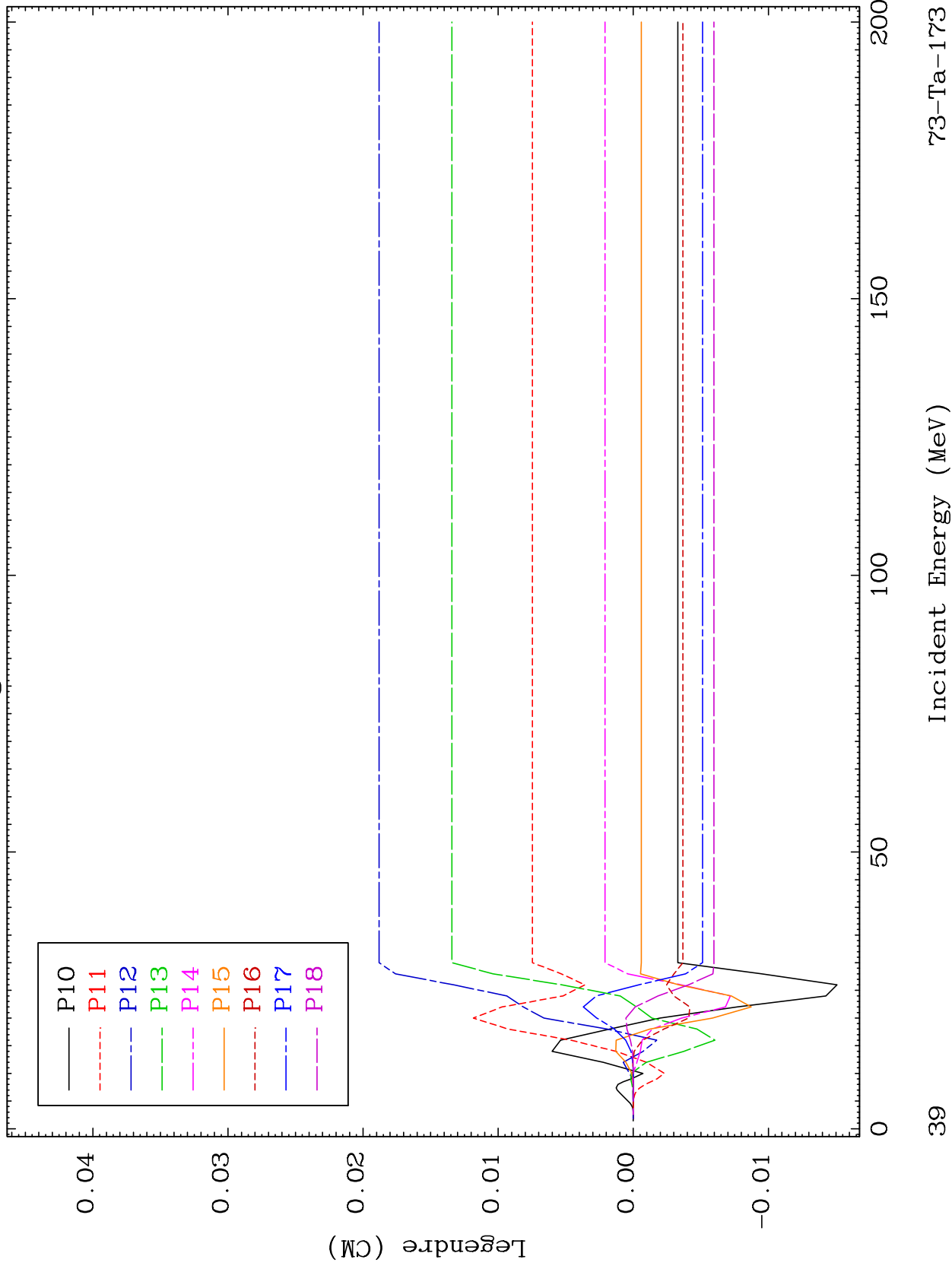
37



MAT 7304

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

73-Ta-173



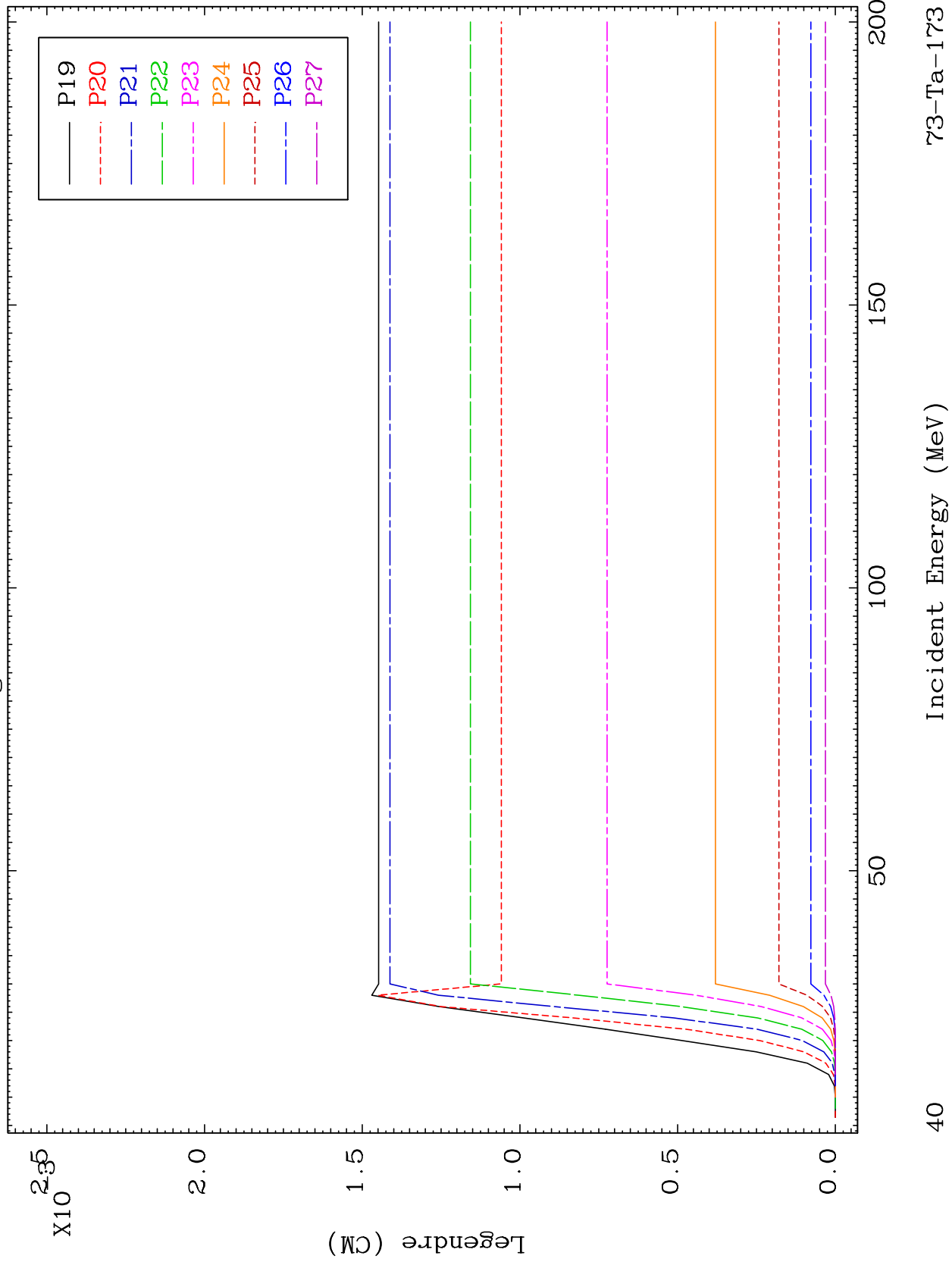
39

73-Ta-173

MAT 7304

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

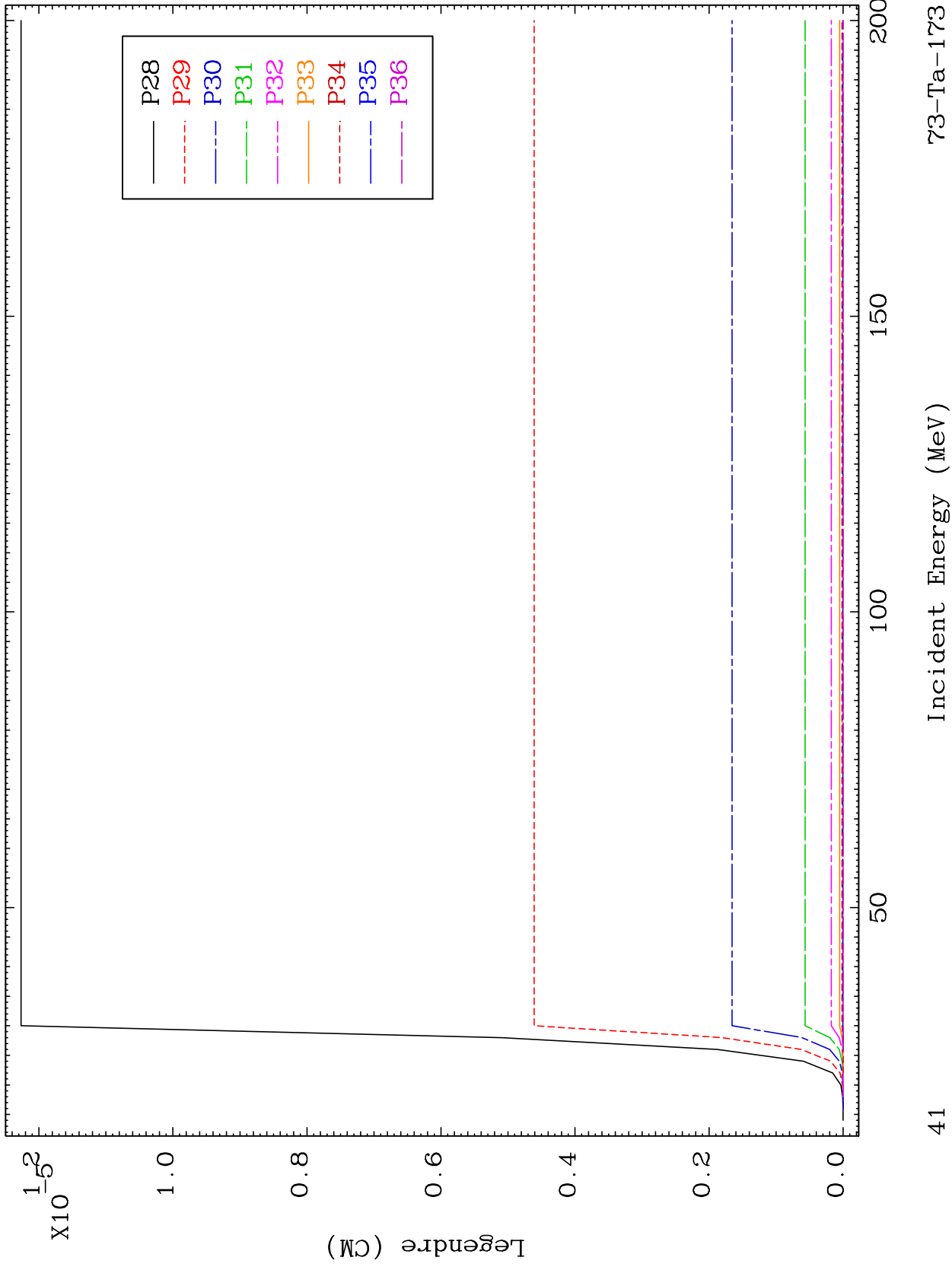
73-Ta-173



MAT 7304

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

73-Ta-173



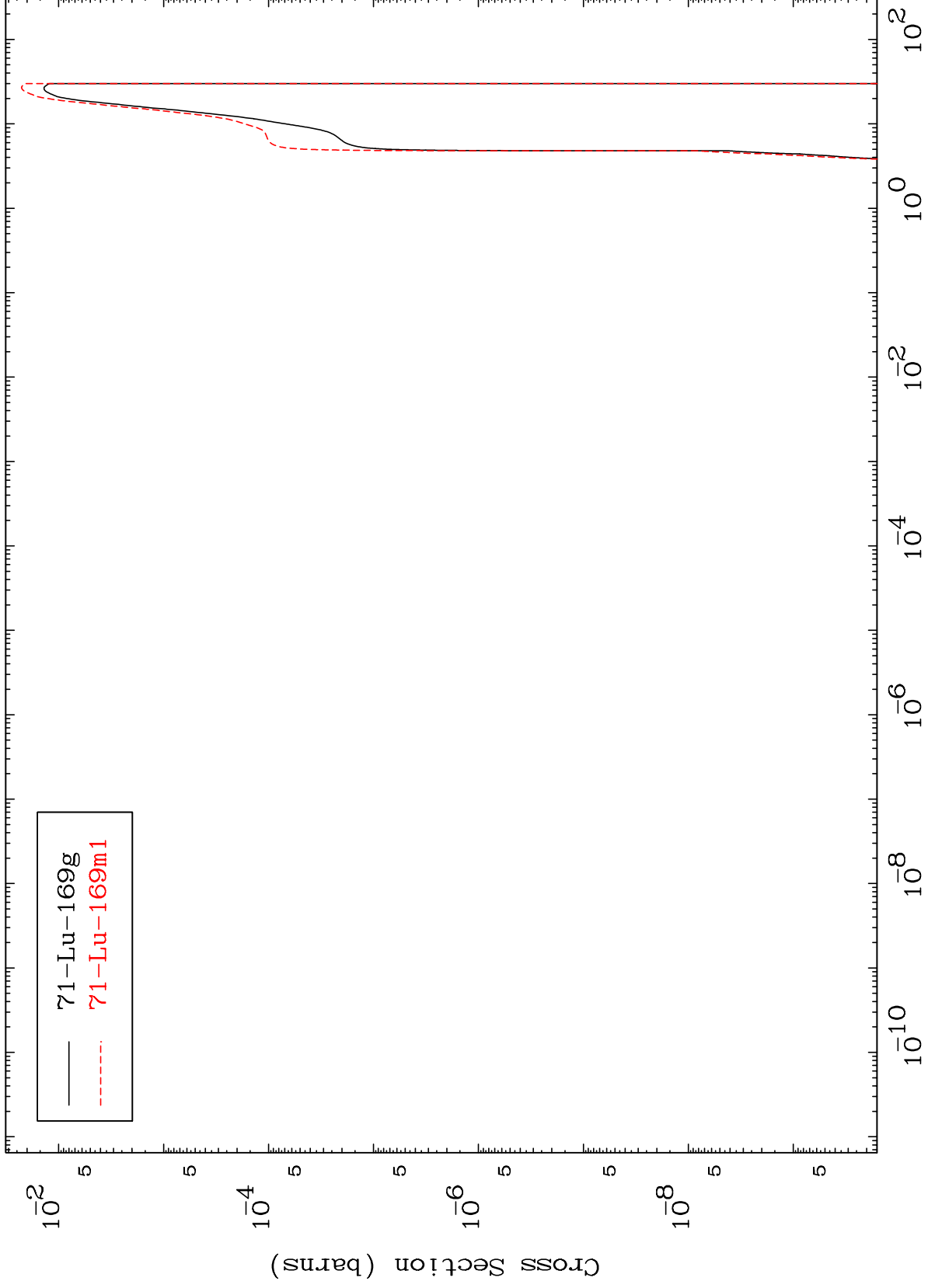
41

MAT 7304

$(n, n') \alpha$

73-Ta-173

Radionuclide Production Cross Section

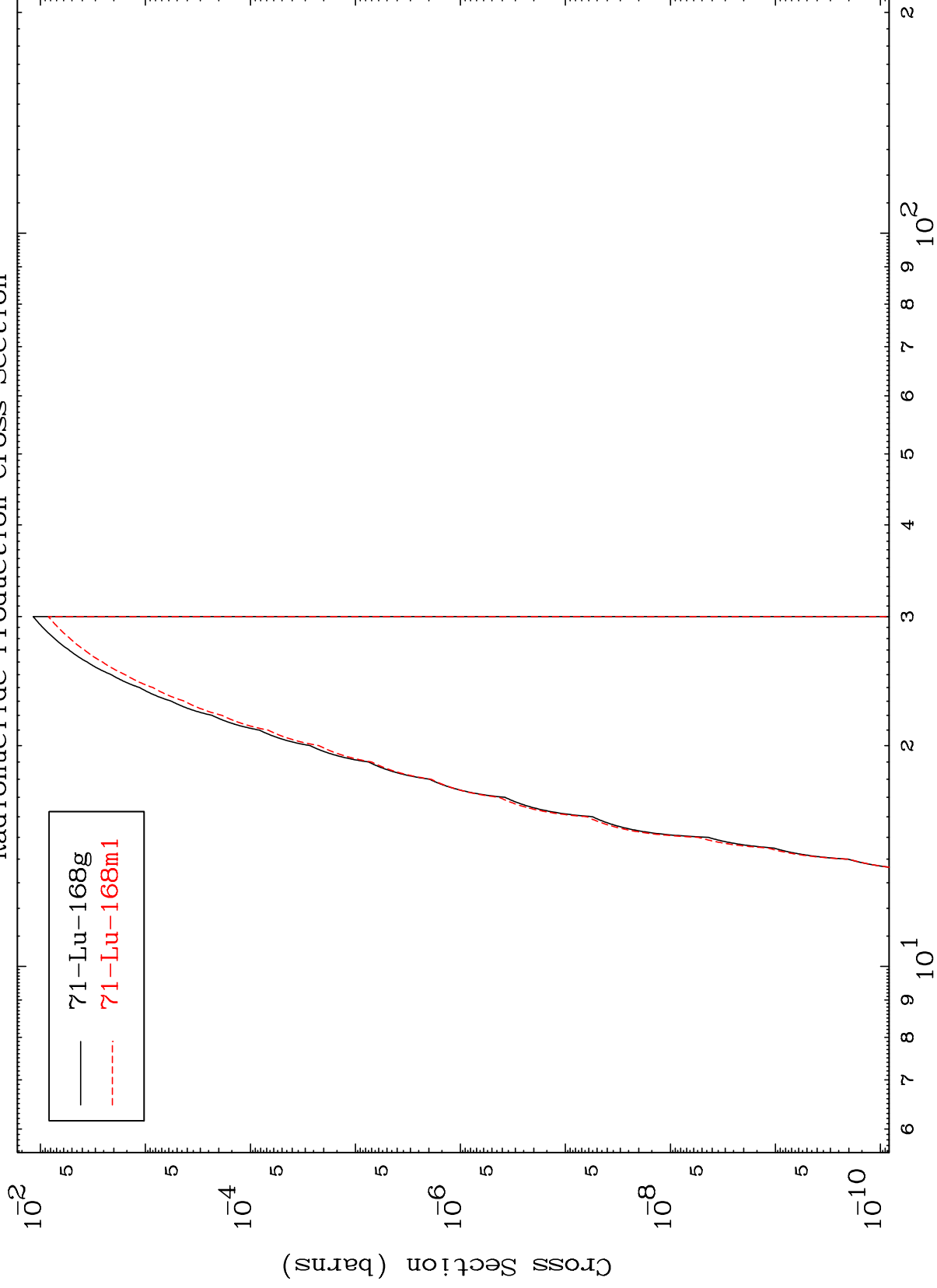


MAT 7304

$(n,2n) \alpha$

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

Radionuclide Production Cross Section



43

Incident Energy (MeV)

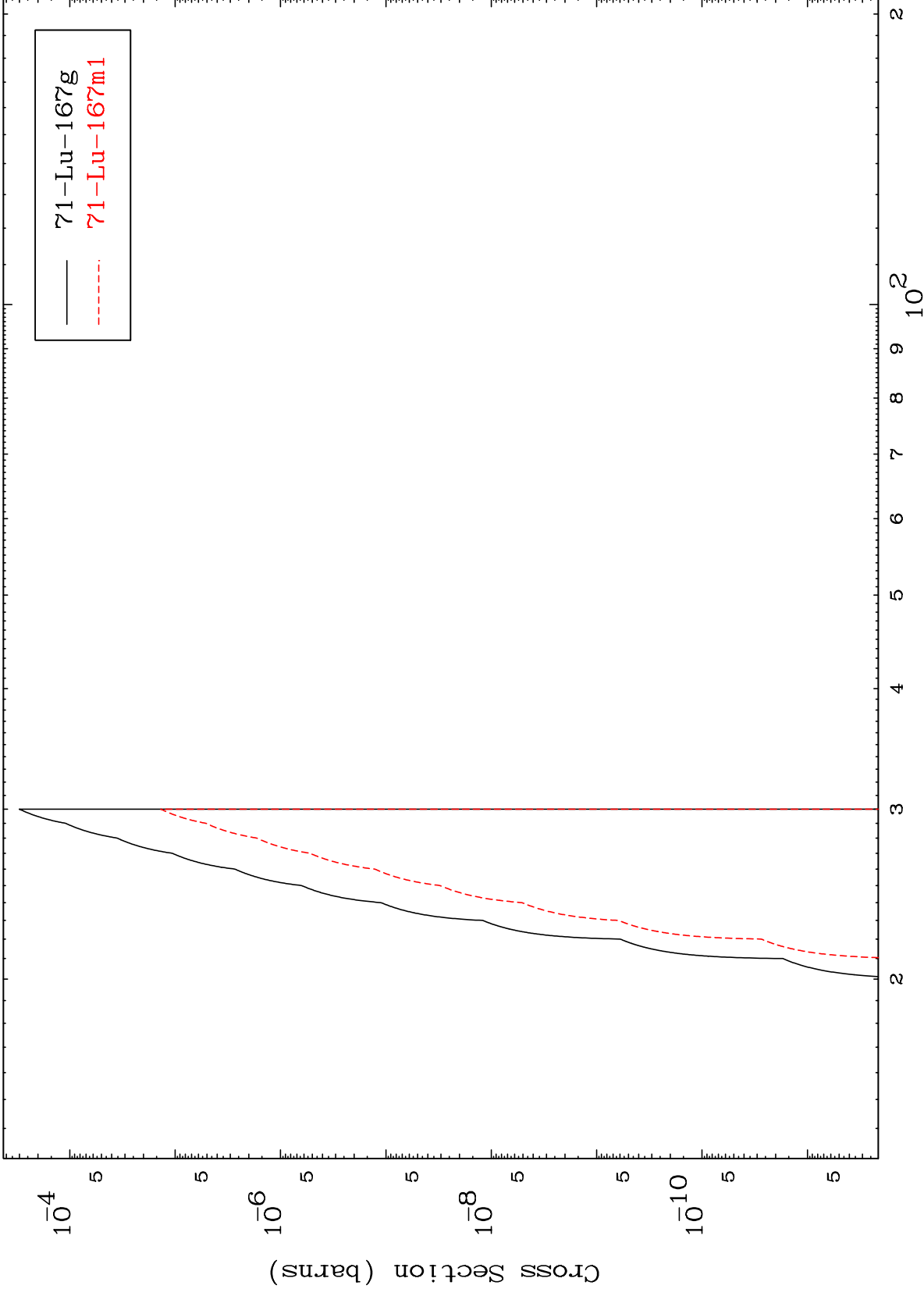
$^{73}\text{Ta-173}$

MAT 7304

(n,3n) α

73-Ta-173

Radionuclide Production Cross Section

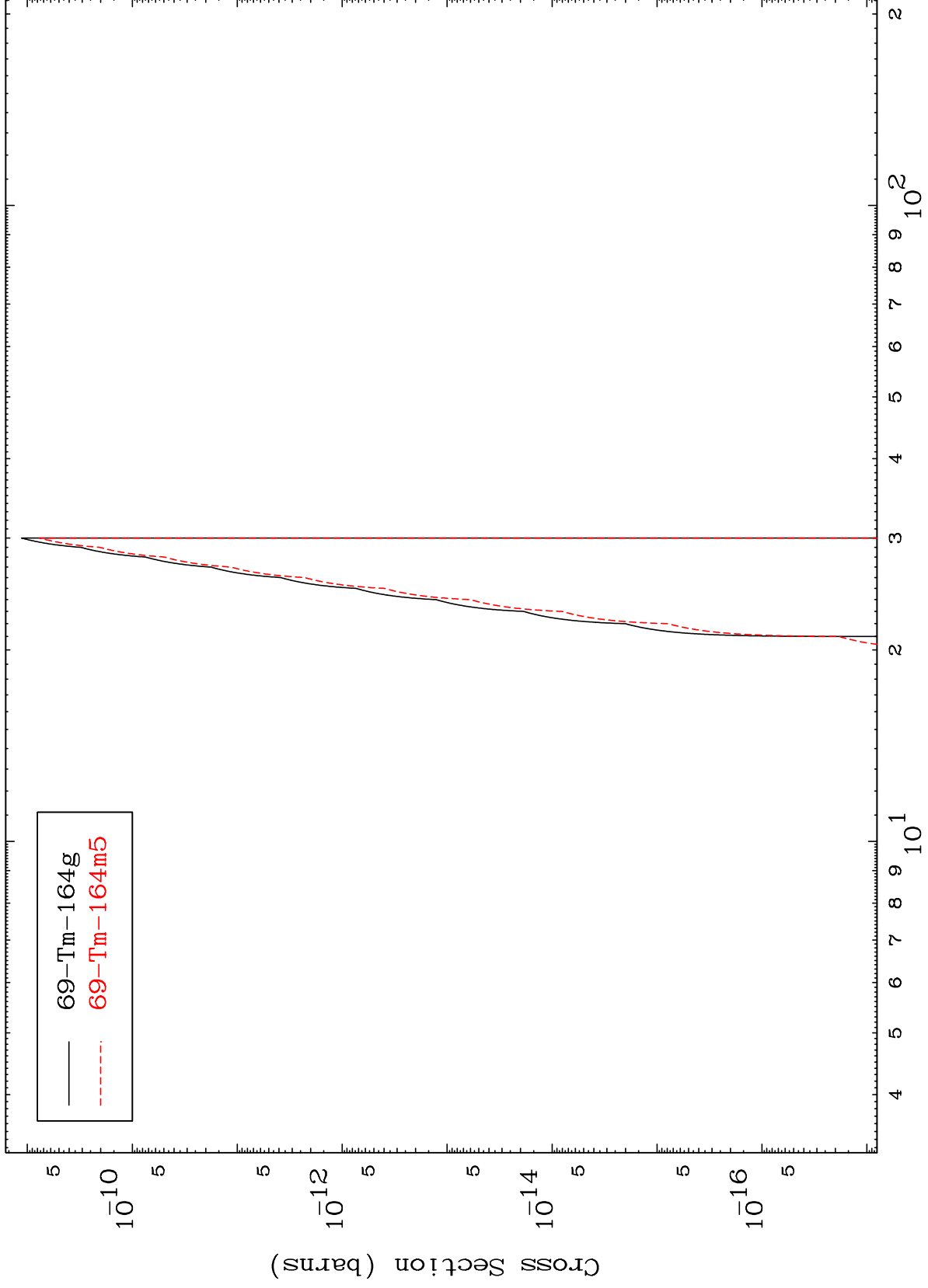


MAT 7304

$(n,2n) 2\alpha$

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

Radionuclide Production Cross Section



45

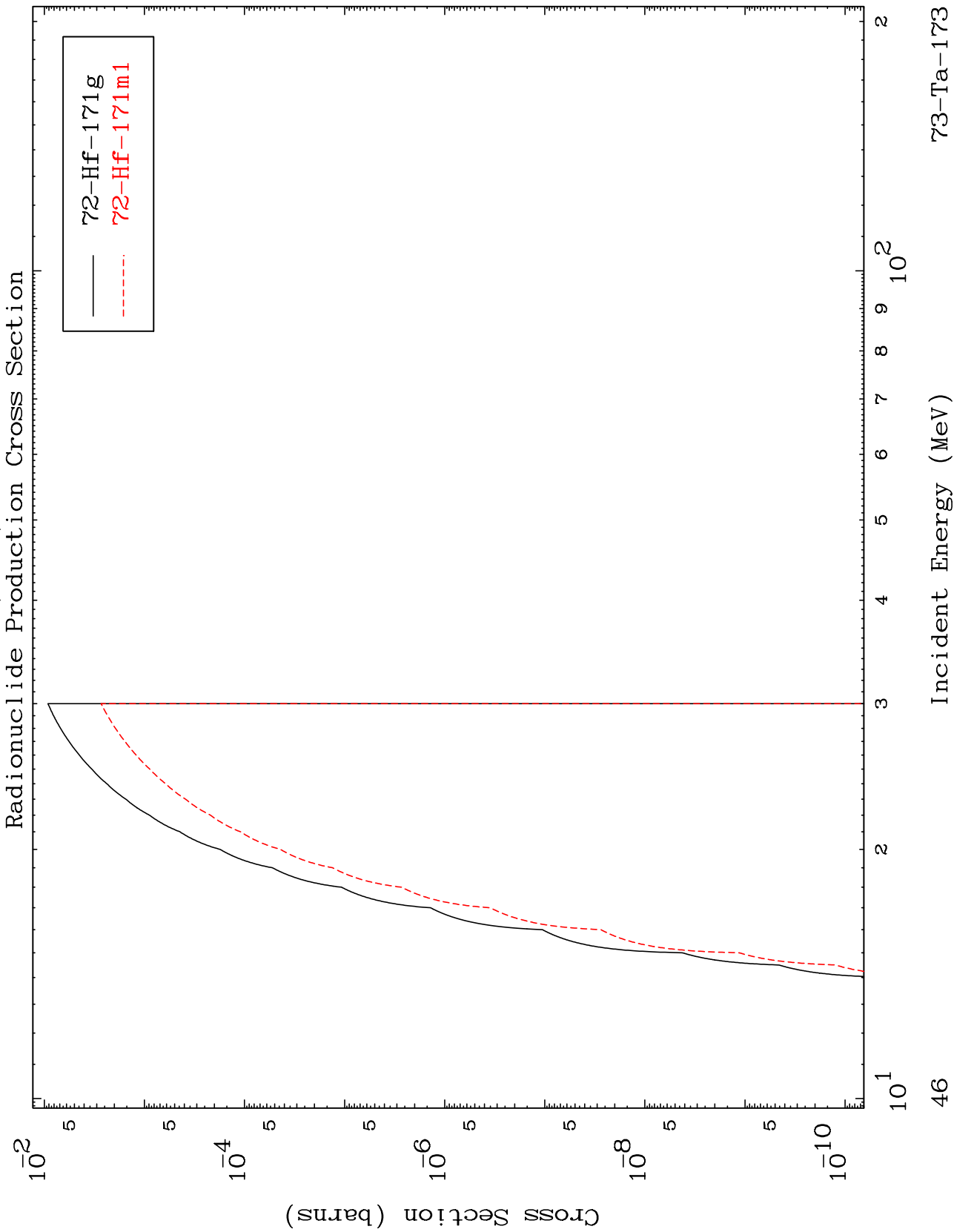
Incident Energy (MeV)

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

MAT 7304

(n,n') d

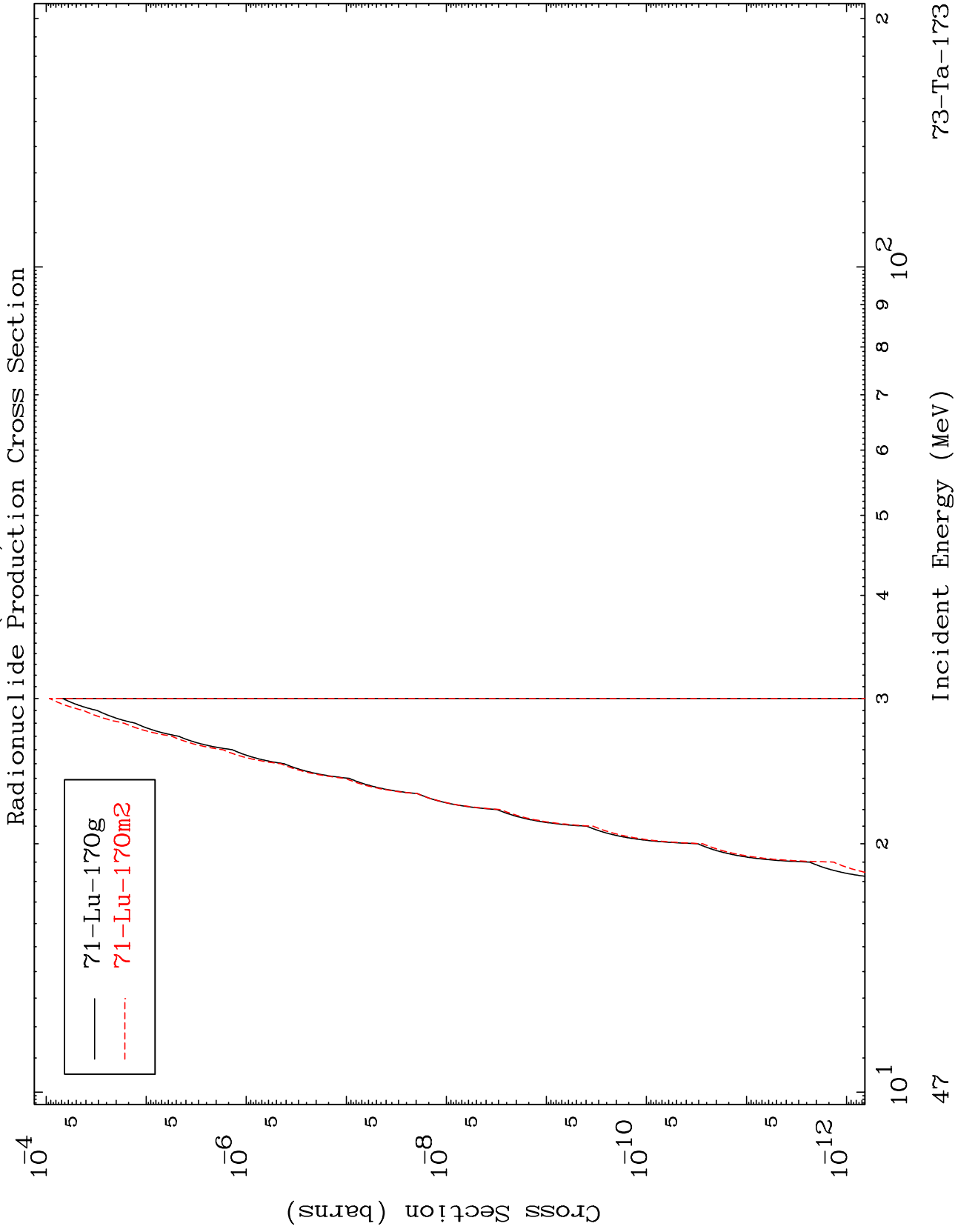
73-Ta-173



MAT 7304

(n,n') He-3

73-Ta-173

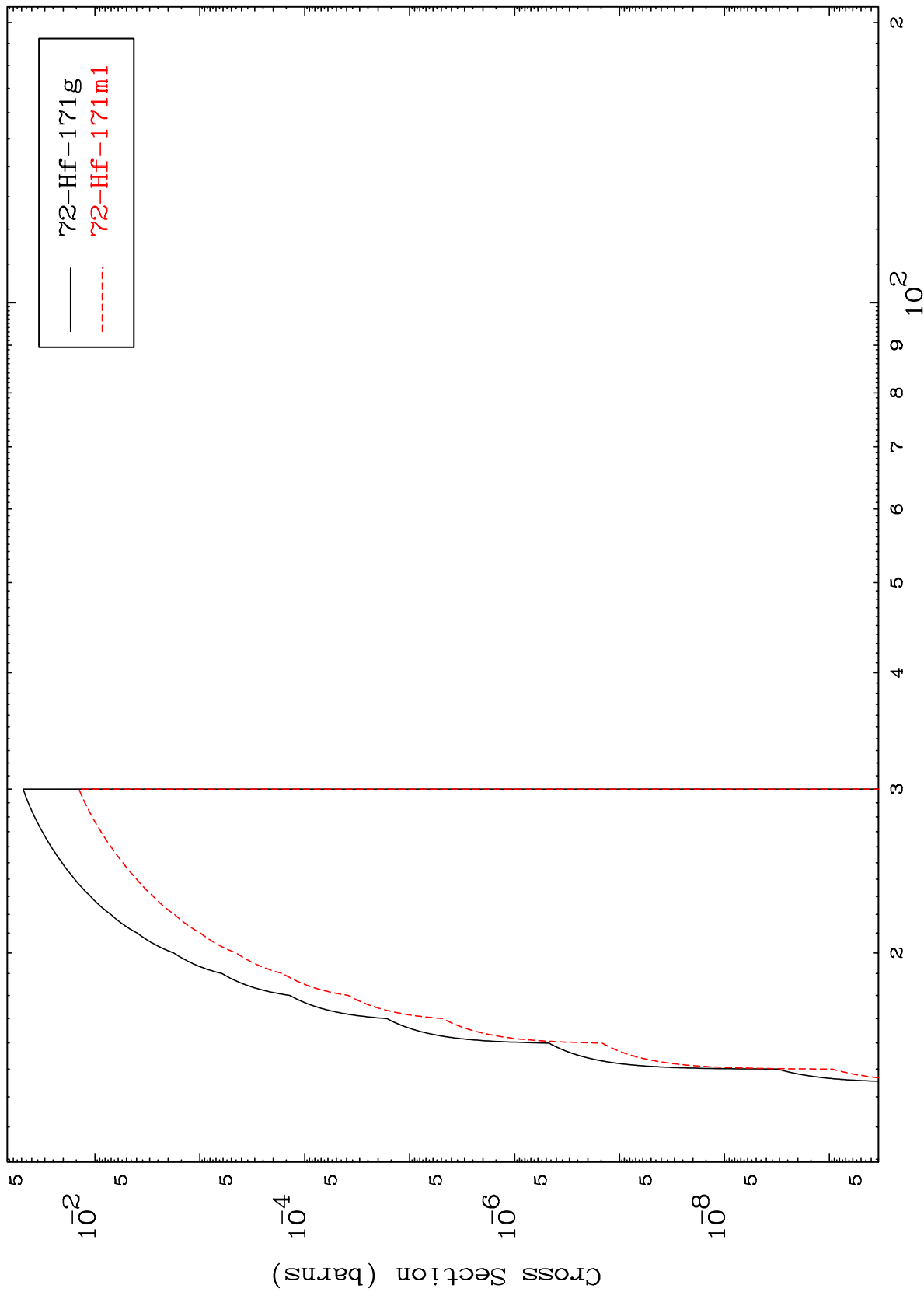


MAT 7304

(n,2n) p

73-Ta-173

Radionuclide Production Cross Section



48

Incident Energy (MeV)

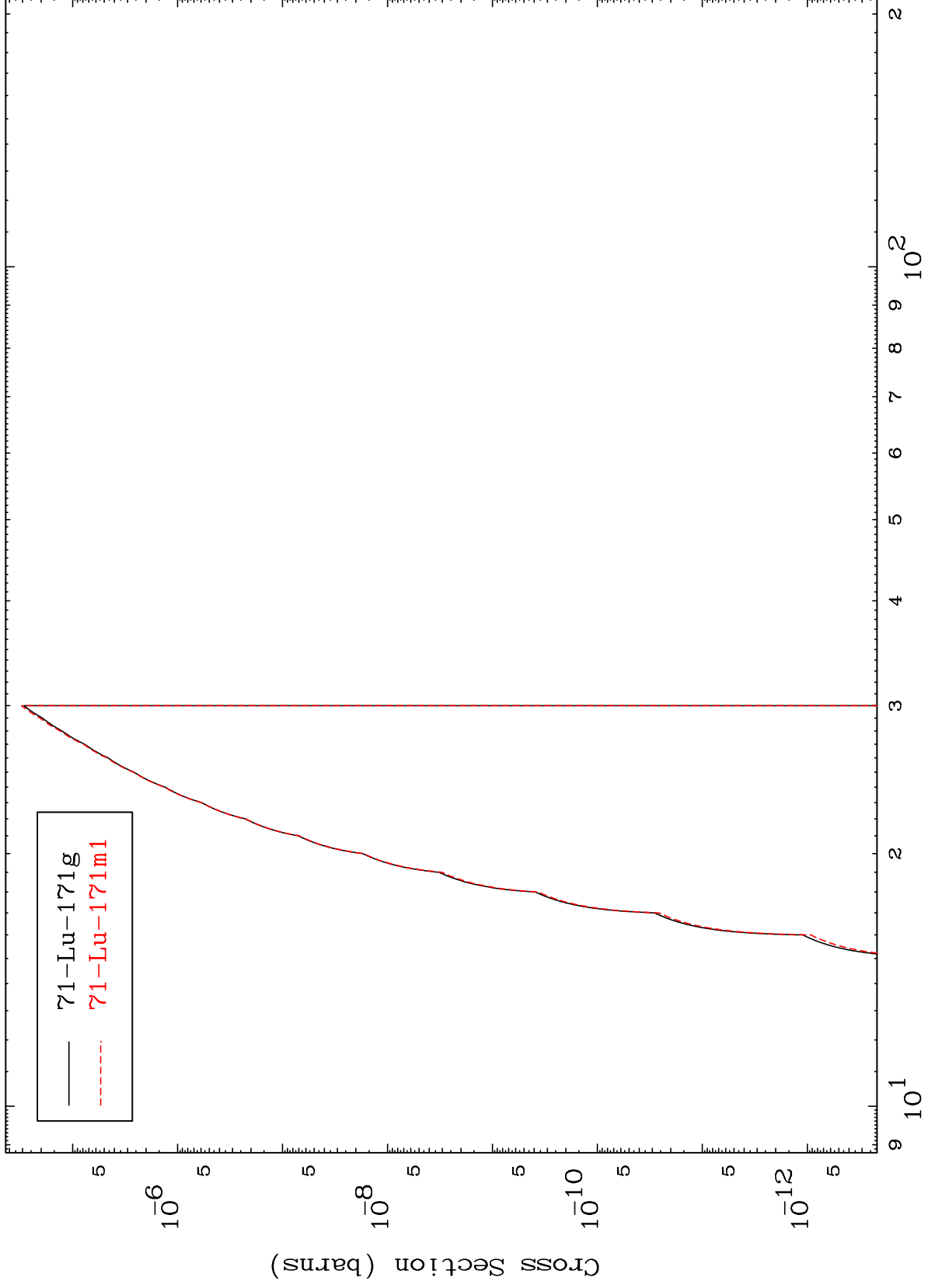
73-Ta-173

MAT 7304

(n,2n) p

⁷³Ta-173

Radionuclide Production Cross Section



49

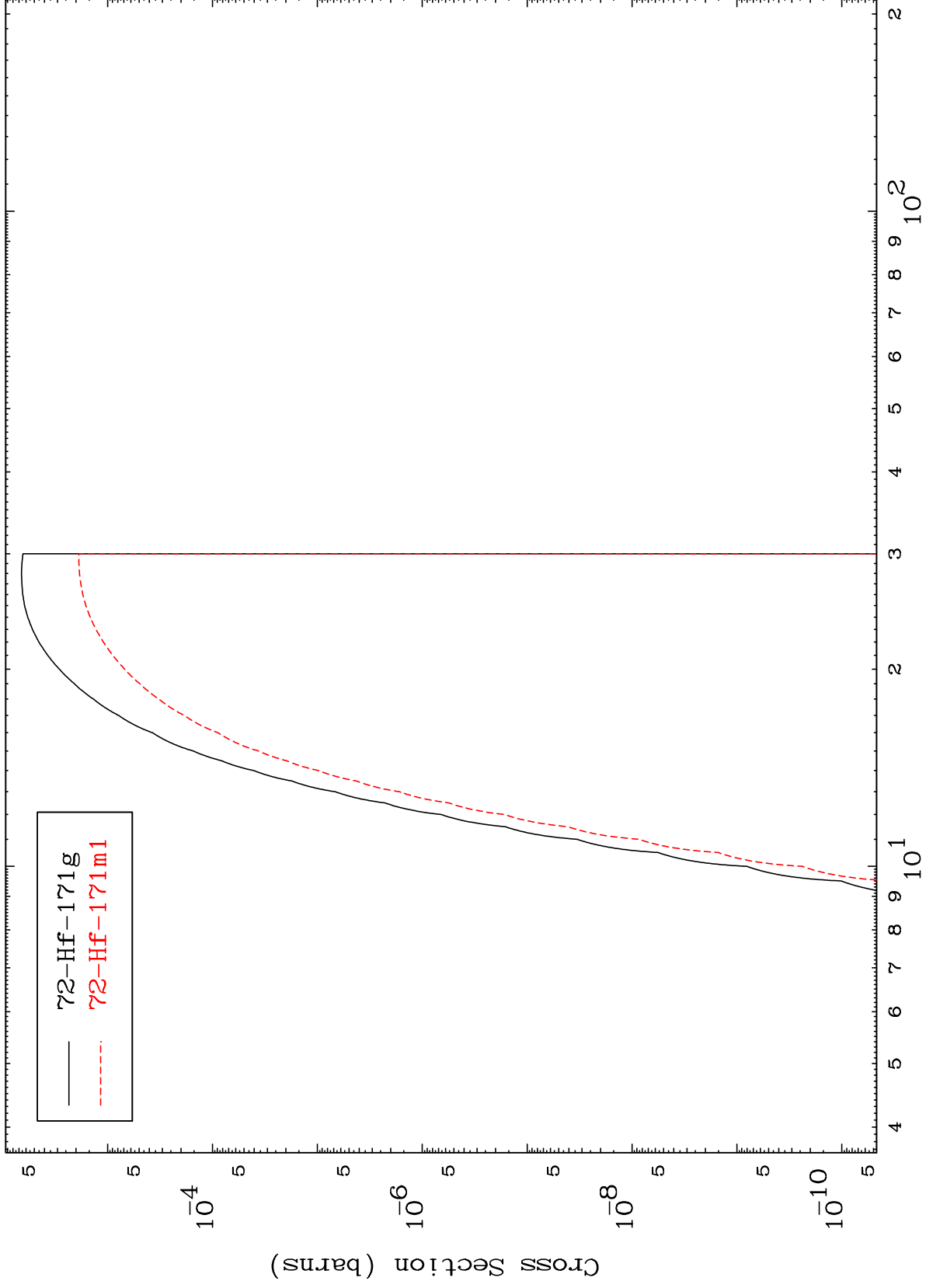
Incident Energy (MeV)

⁷³Ta-173

MAT 7304

⁷³Ta-173

Radionuclide Production Cross Section (n, t)



50

Incident Energy (MeV)

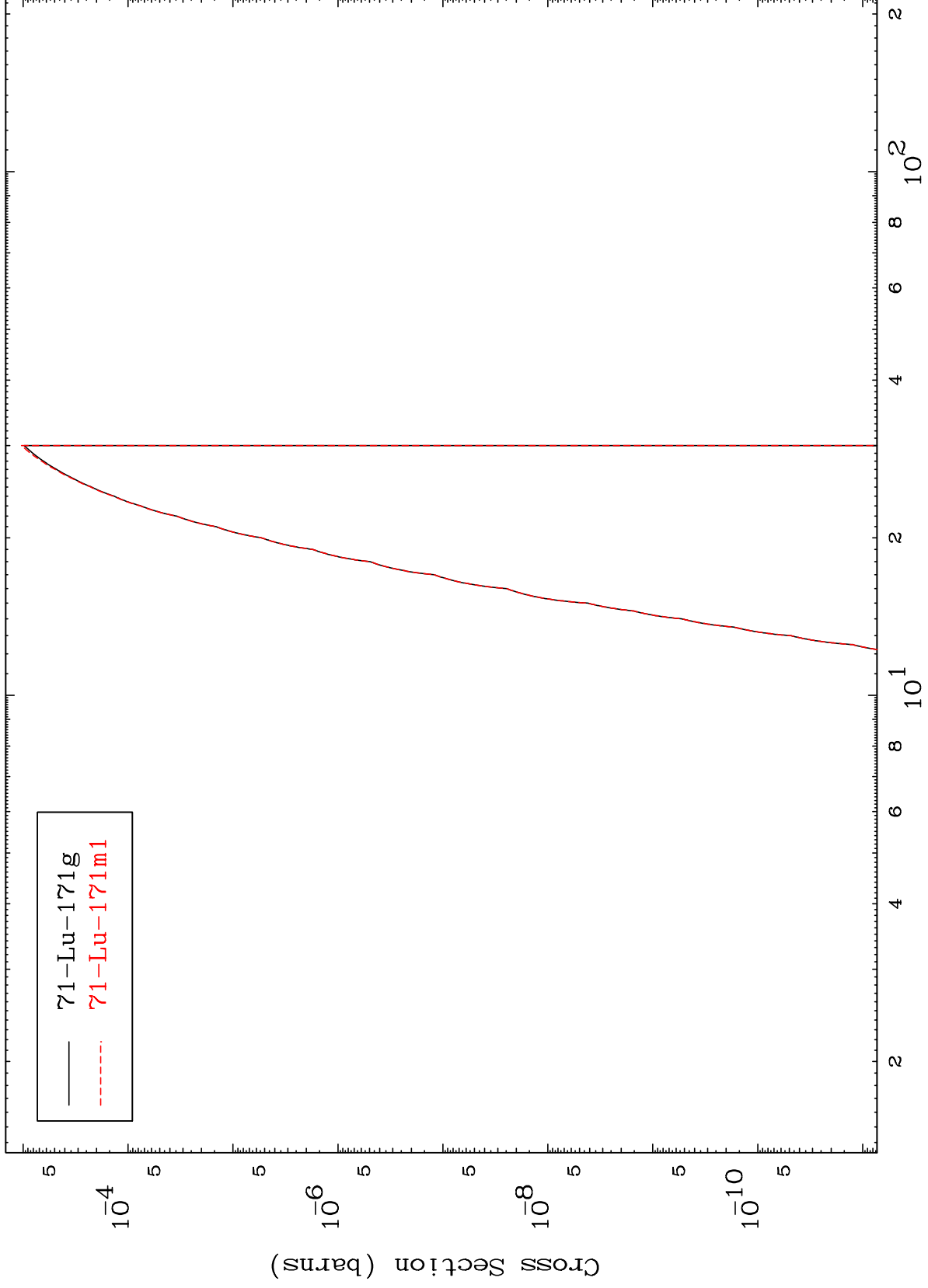
⁷³Ta-173

MAT 7304

(n,He-3)

73-Ta-173

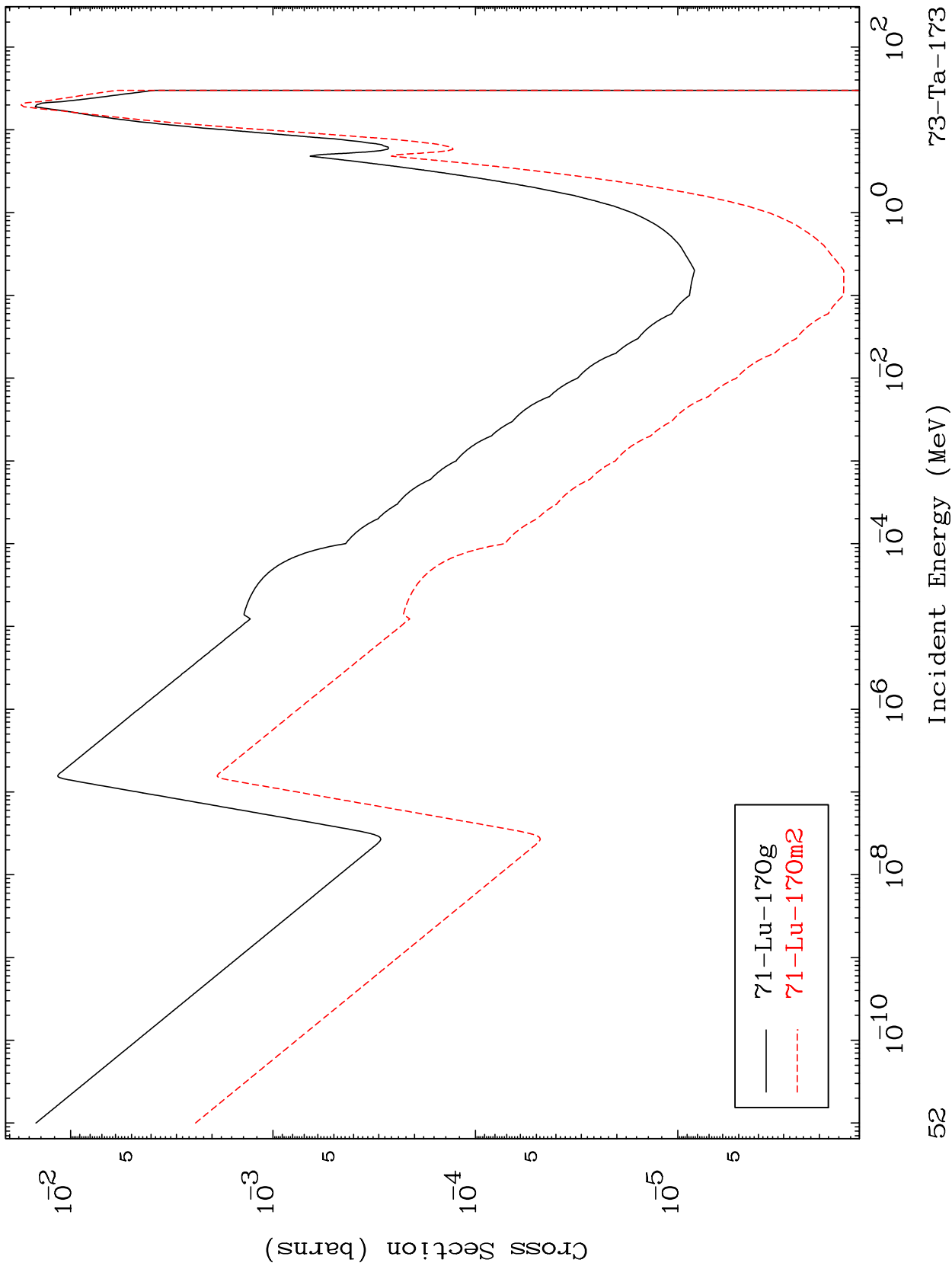
Radionuclide Production Cross Section



MAT 7304

73-Ta-173

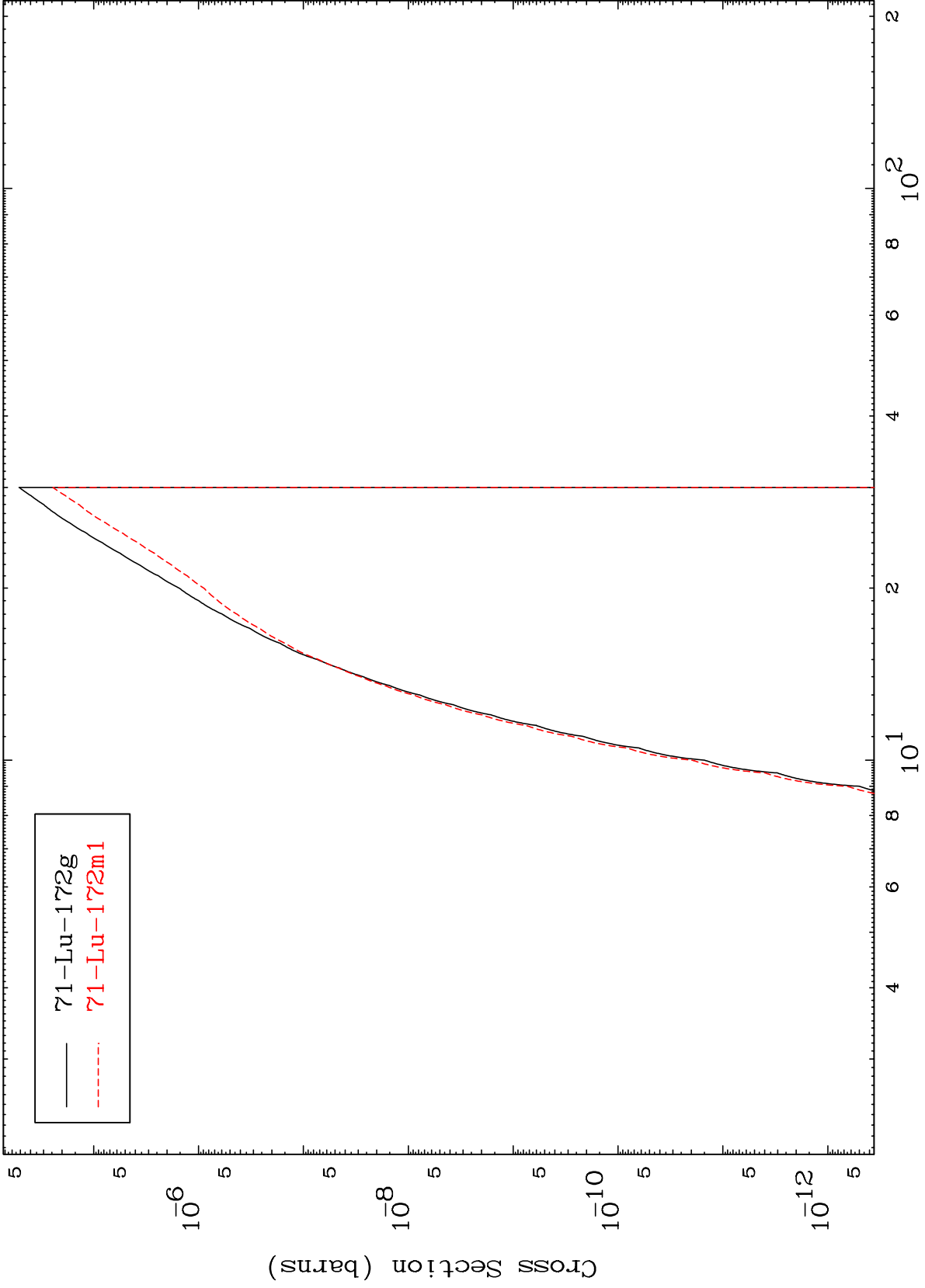
(n,α)
Radionuclide Production Cross Section



MAT 7304

73-Ta-173

(n,2p)
Radionuclide Production Cross Section

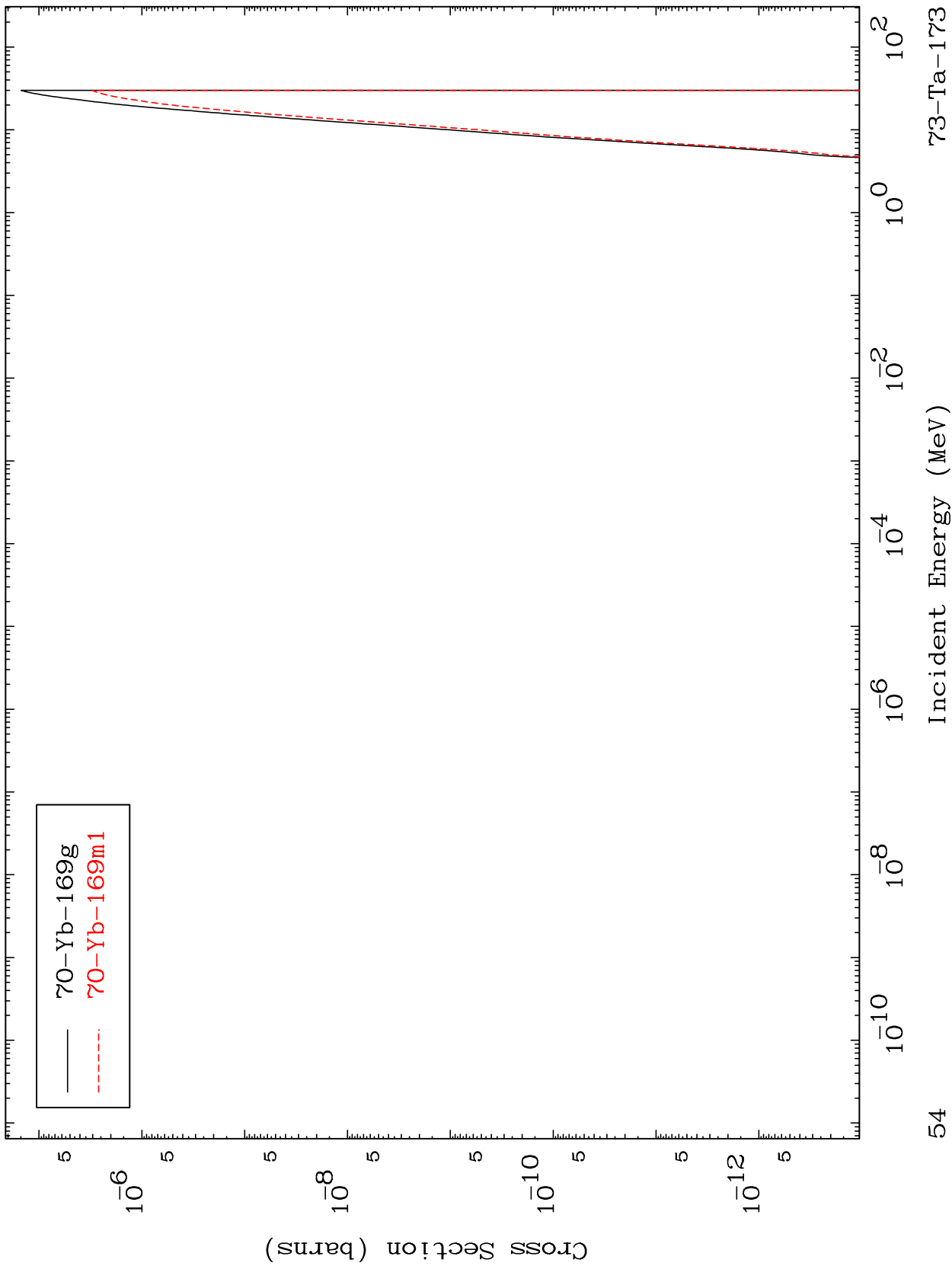


MAT 7304

(n,p) α

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

Radionuclide Production Cross Section

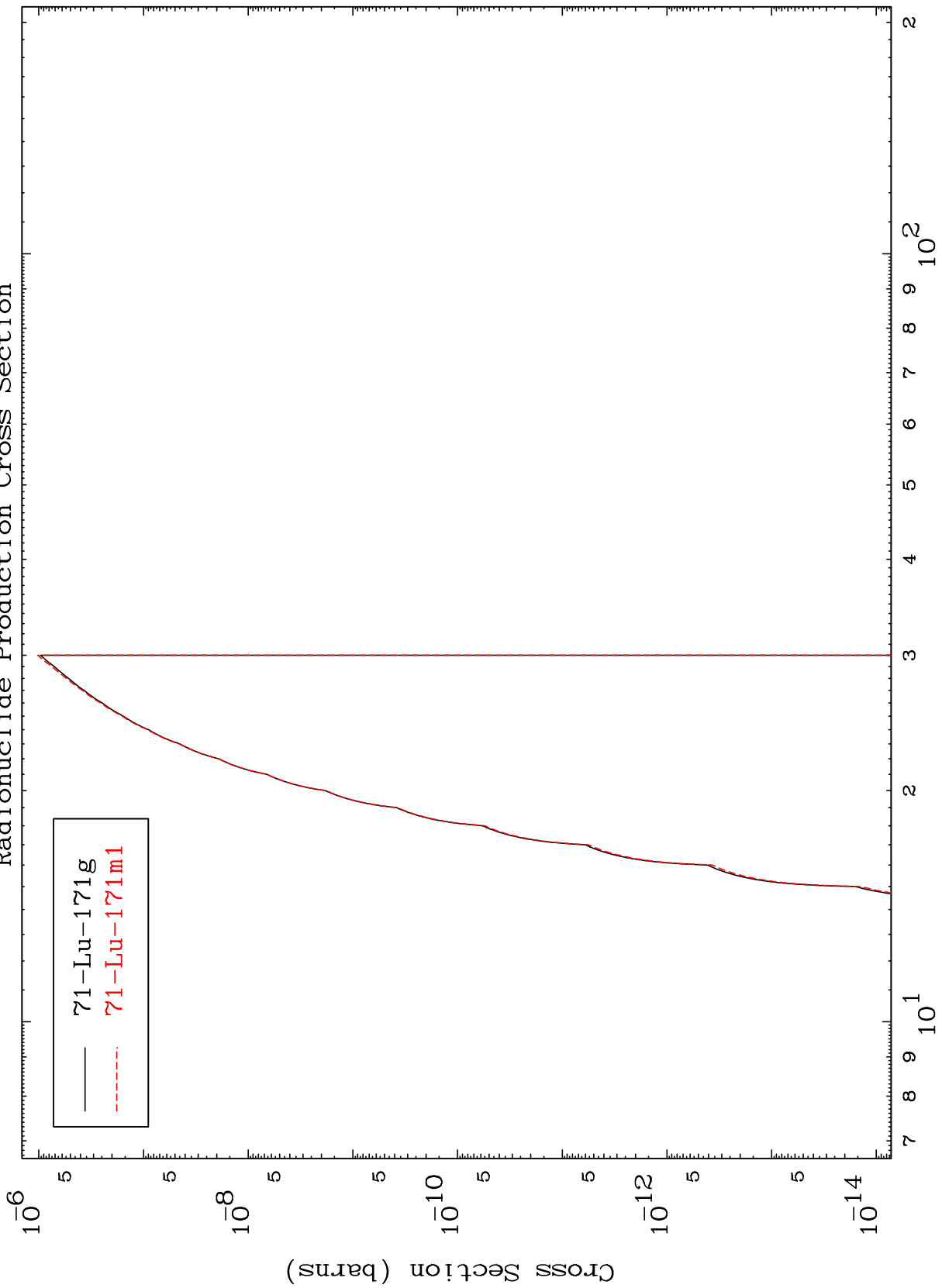


MAT 7304

(n,p) d

73-Ta-173

Radionuclide Production Cross Section



MAT 7304

(n,p) t

⁷³Ta-173

