

Program EVALPLOT  
(Version 2018-1)

by

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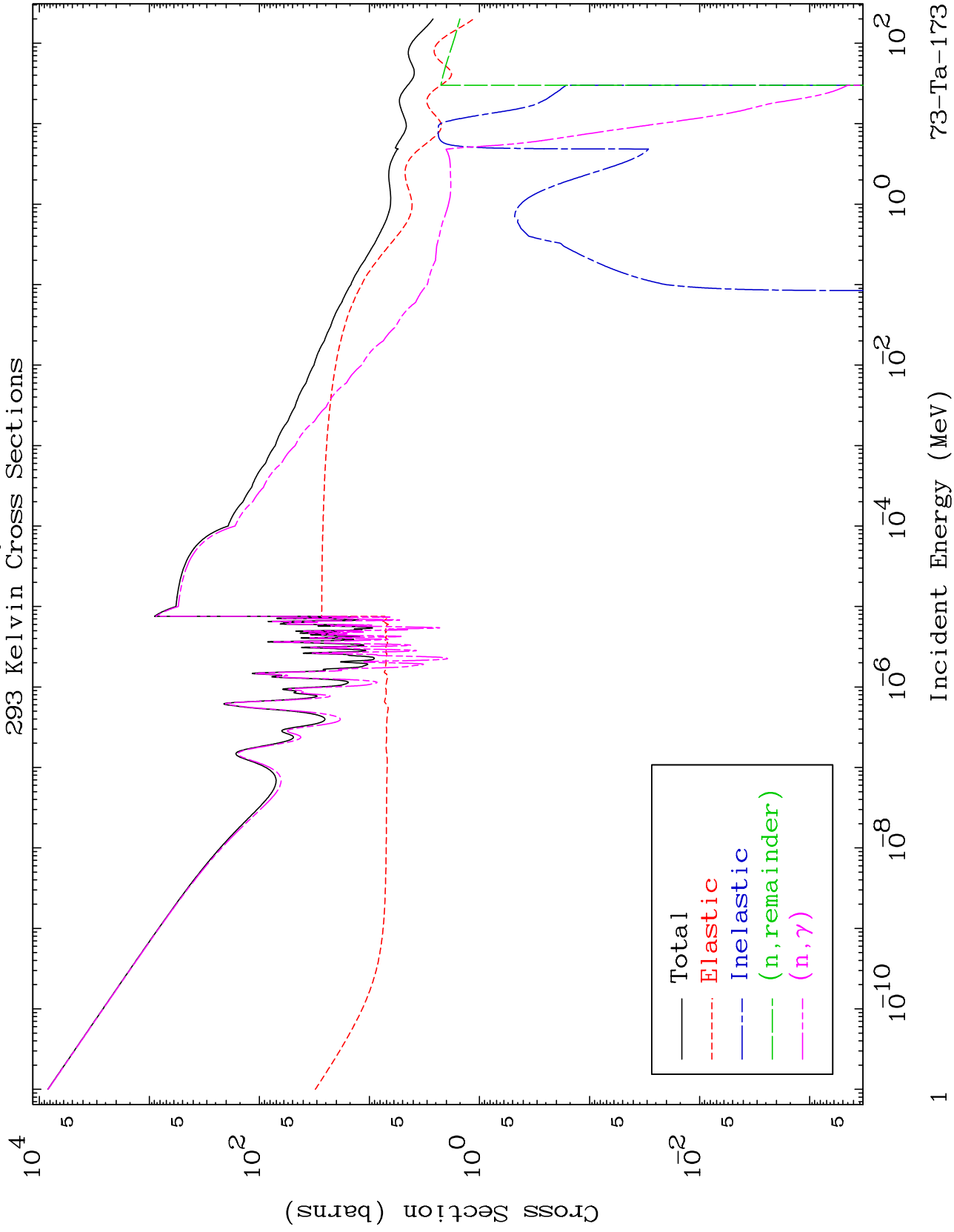
Press Mouse Button to Start

MAT 7304

Major

293 Kelvin Cross Sections

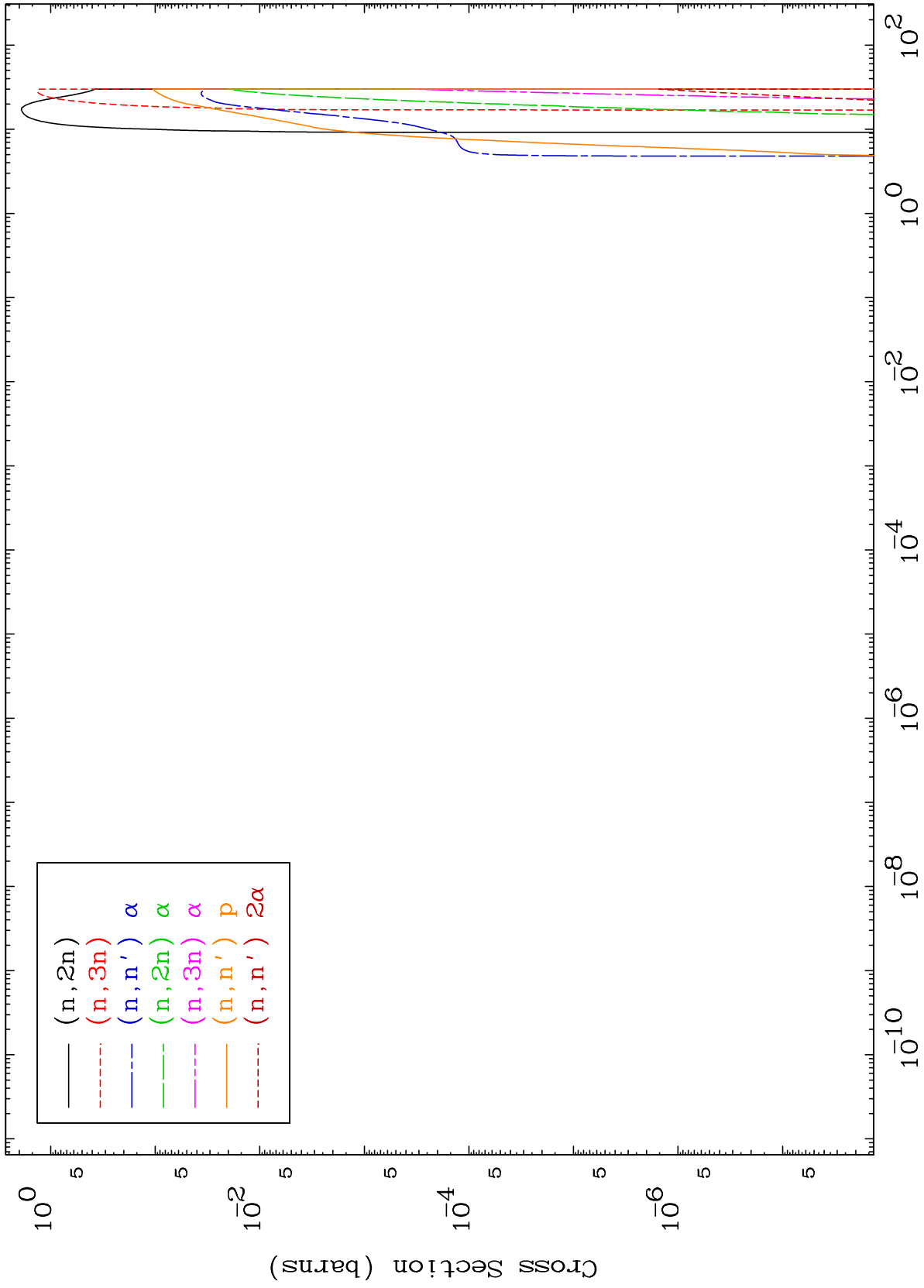
73-Ta-173



MAT 7304

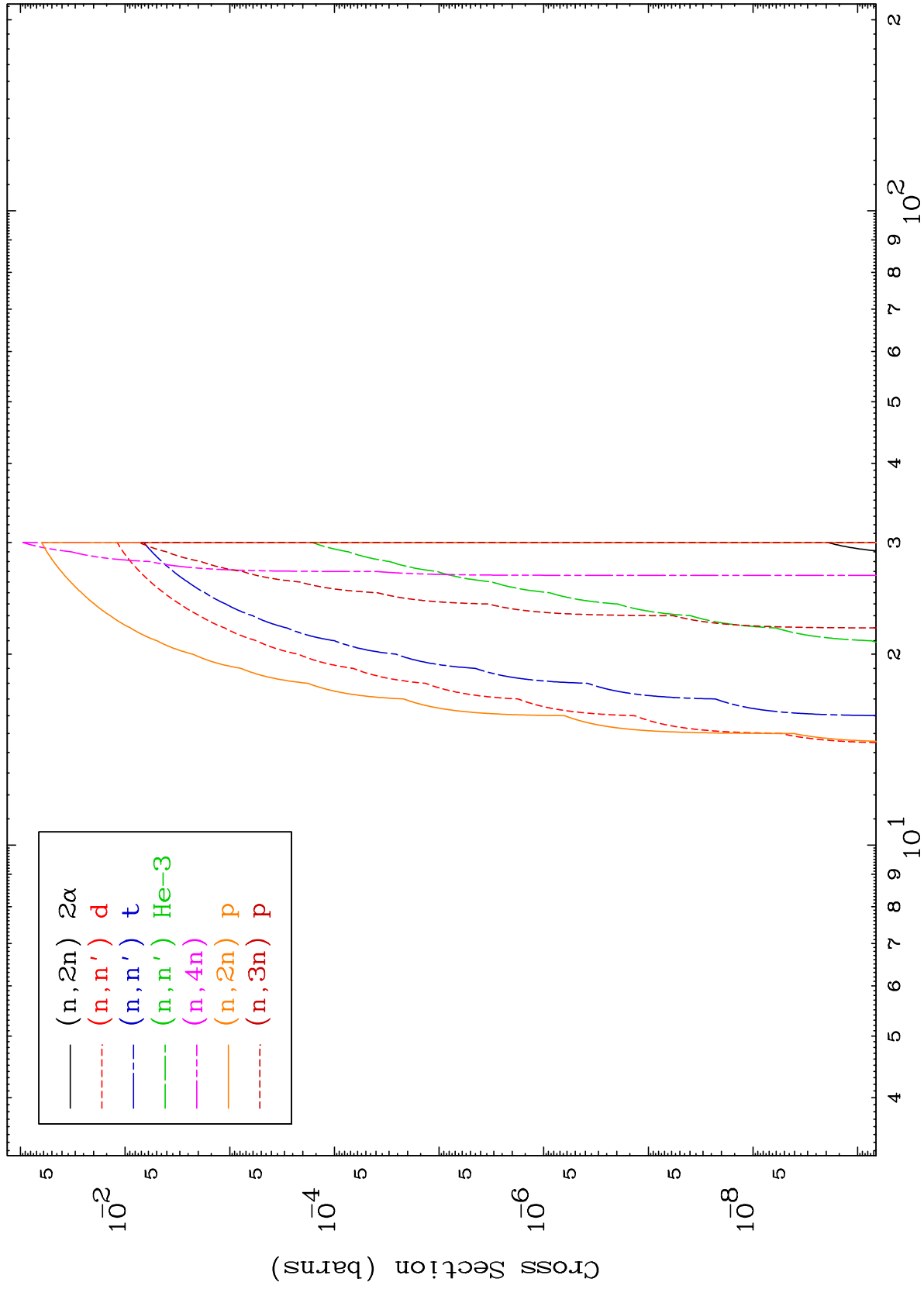
Neutron Production  
293 Kelvin Cross Sections

73-Ta-173



2

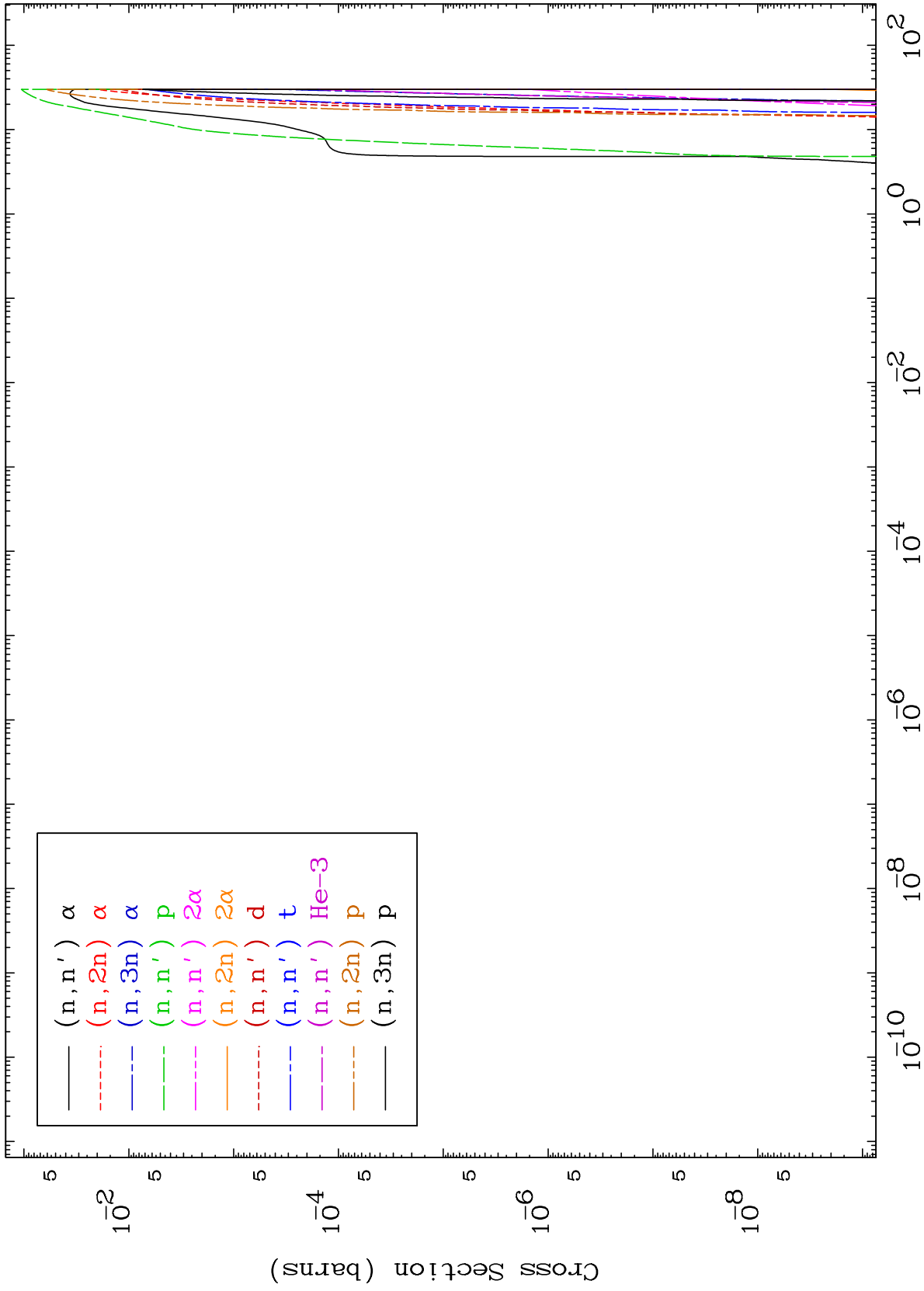
73-Ta-173



MAT 7304

Charged Particle  
293 Kelvin Cross Sections

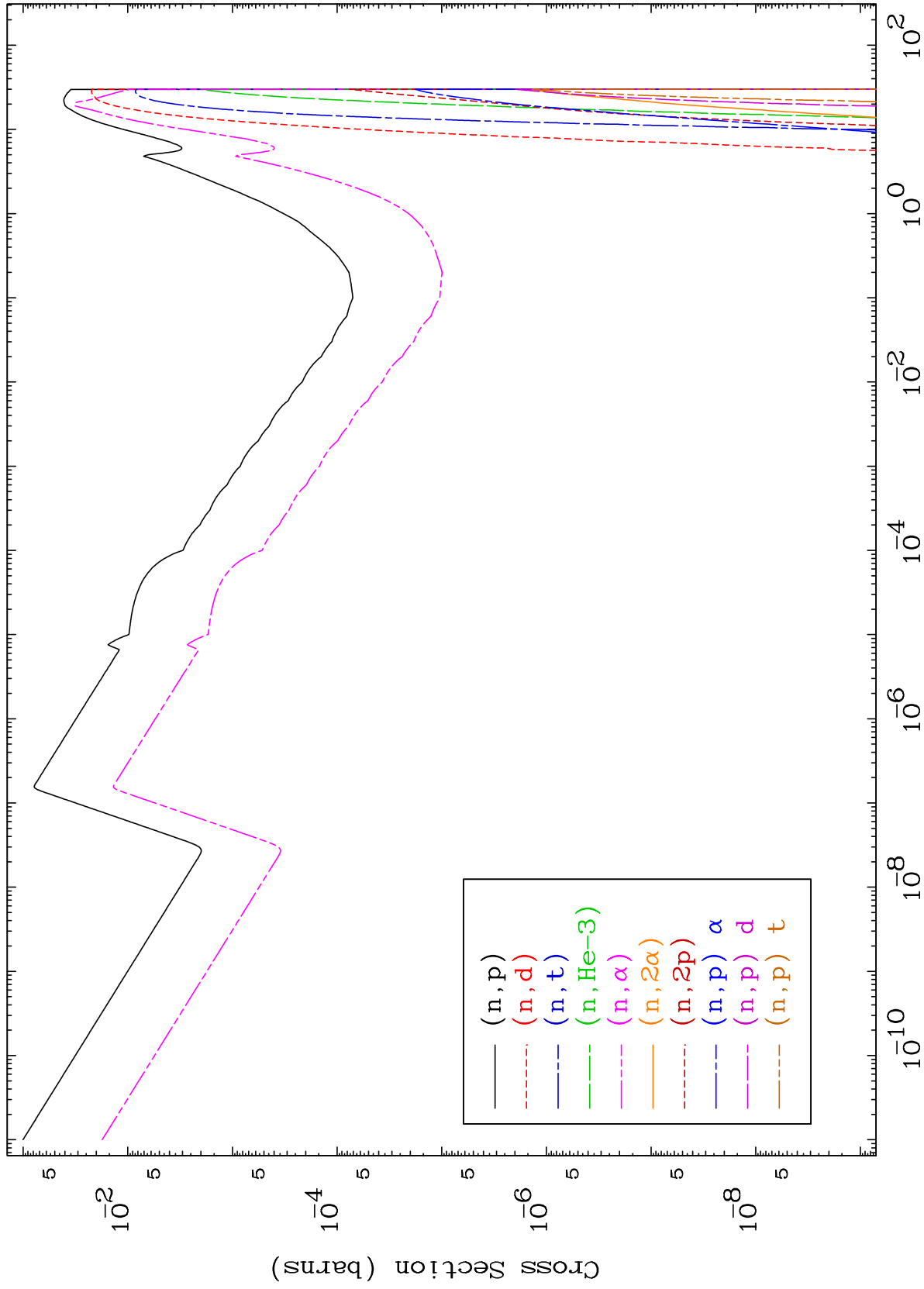
73-Ta-173



MAT 7304

293 Kelvin Cross Sections

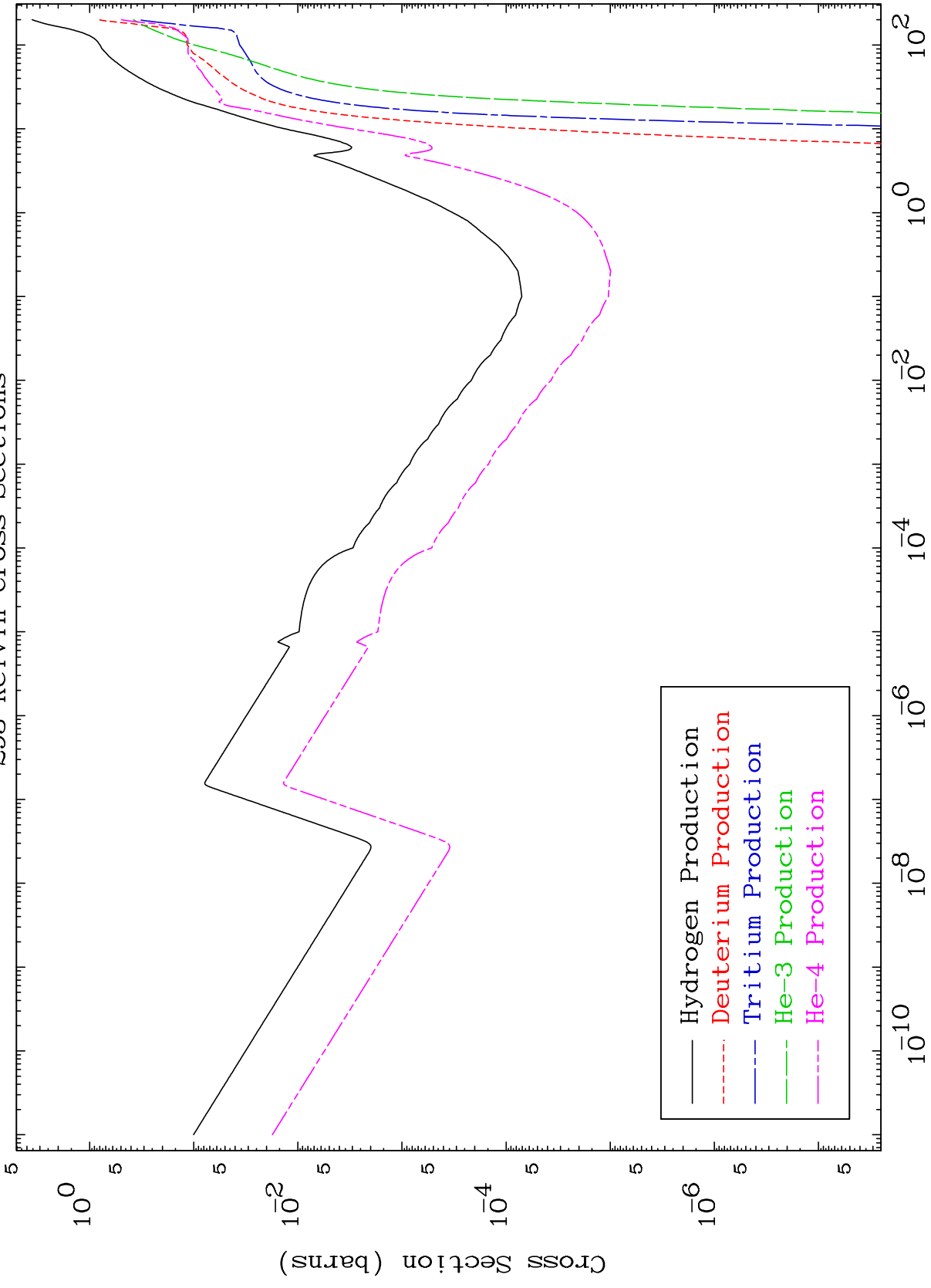
73-Ta-173



MAT 7304

Particle Production  
293 Kelvin Cross Sections

73-Ta-173



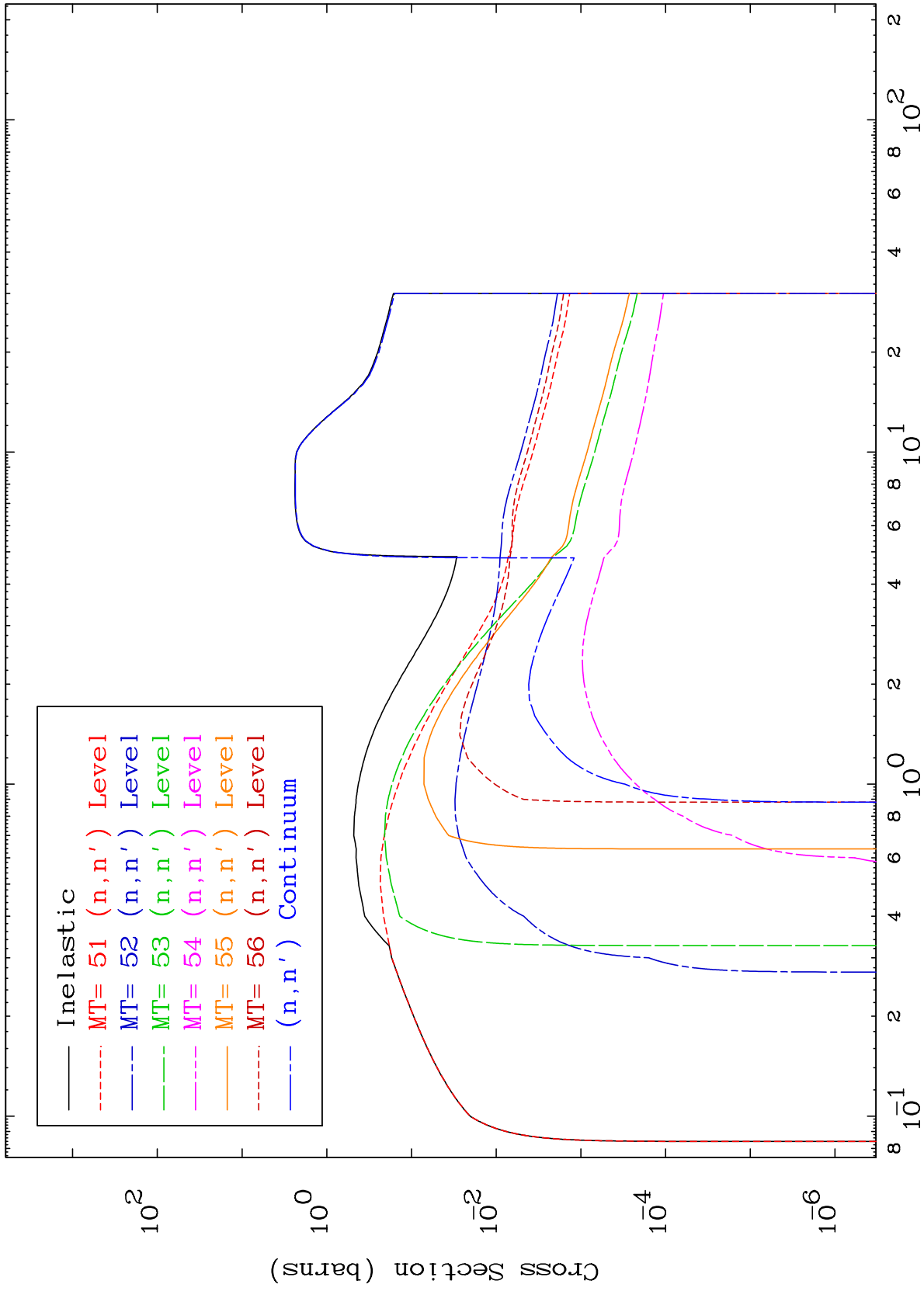
6

73-Ta-173

MAT 7304

(n,n') Level  
293 Kelvin Cross Sections

73-Ta-173



7

Incident Energy (MeV)

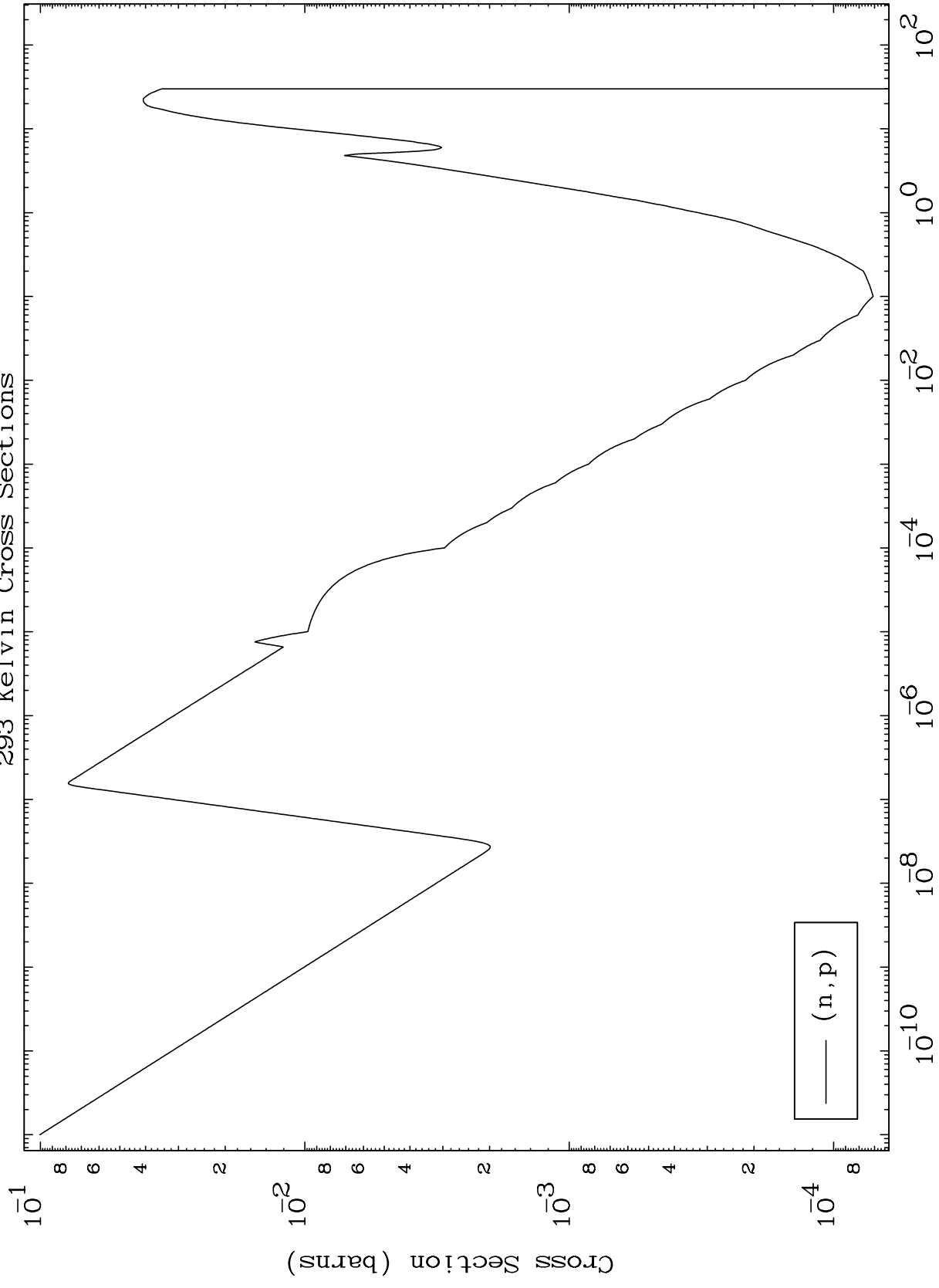
73-Ta-173



MAT 7304

(n,p) Levels  
293 Kelvin Cross Sections

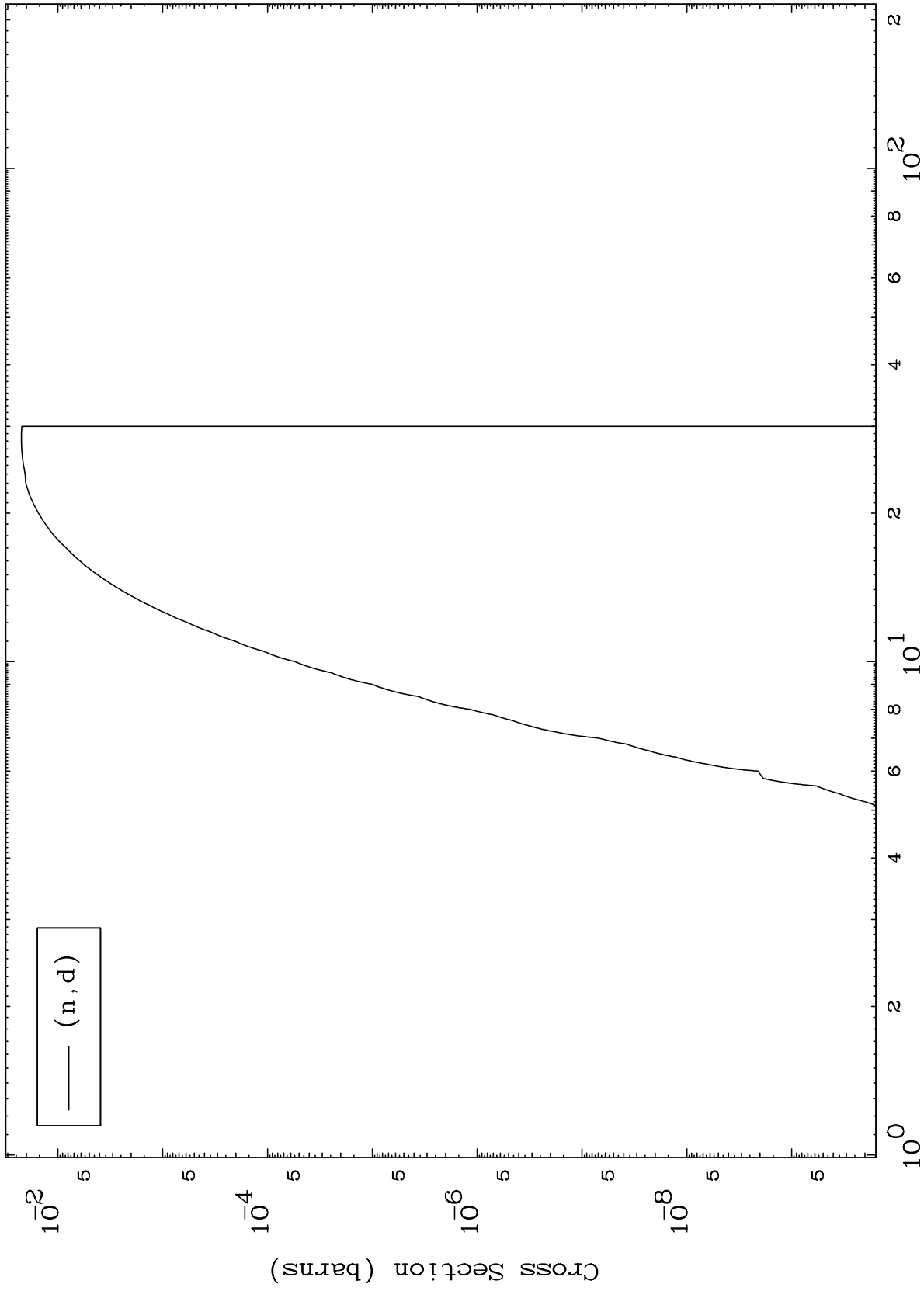
73-Ta-173



MAT 7304

(n,d) Levels  
293 Kelvin Cross Sections

73-Ta-173



9

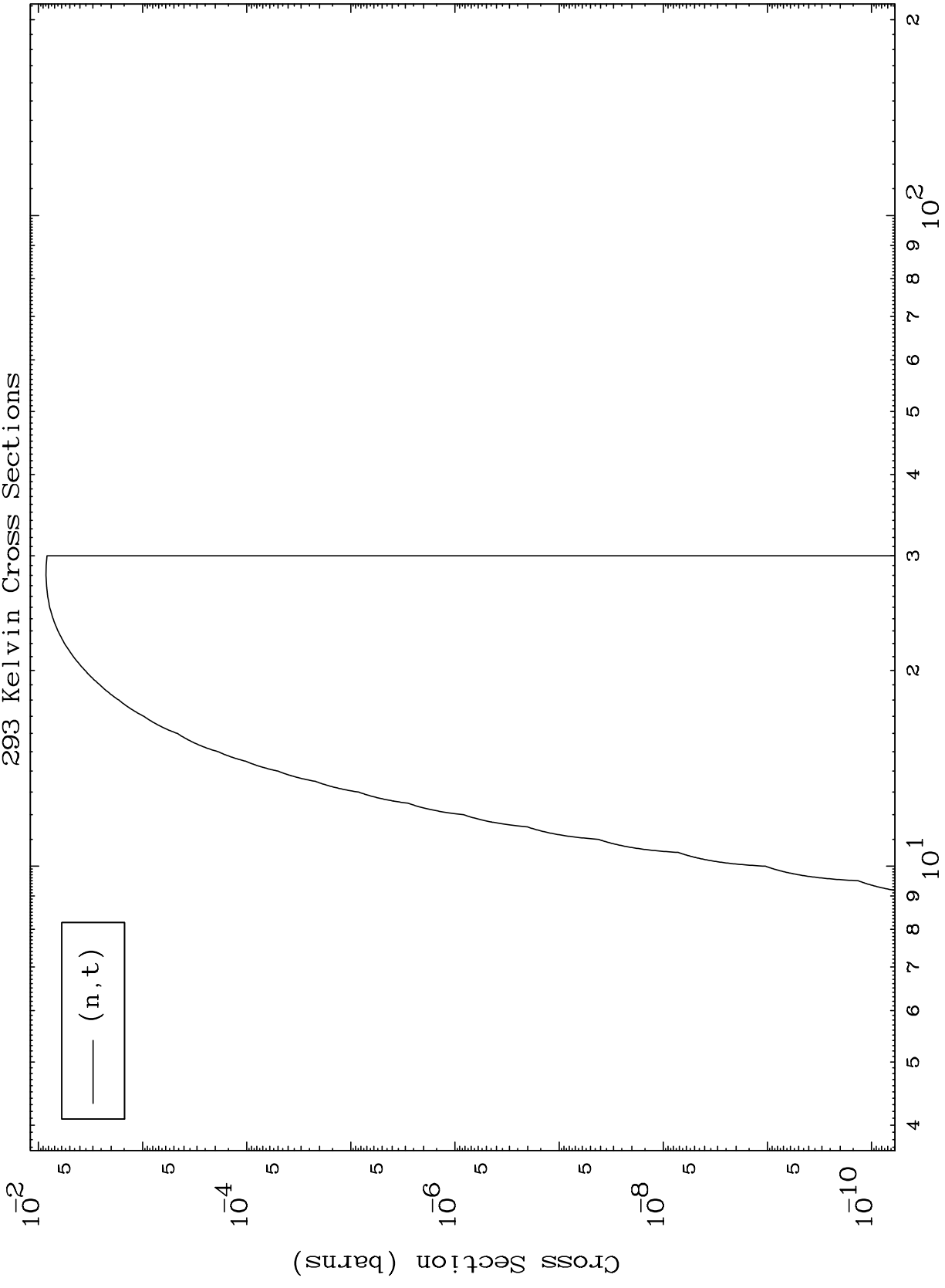
Incident Energy (MeV)

73-Ta-173

MAT 7304

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-173



10

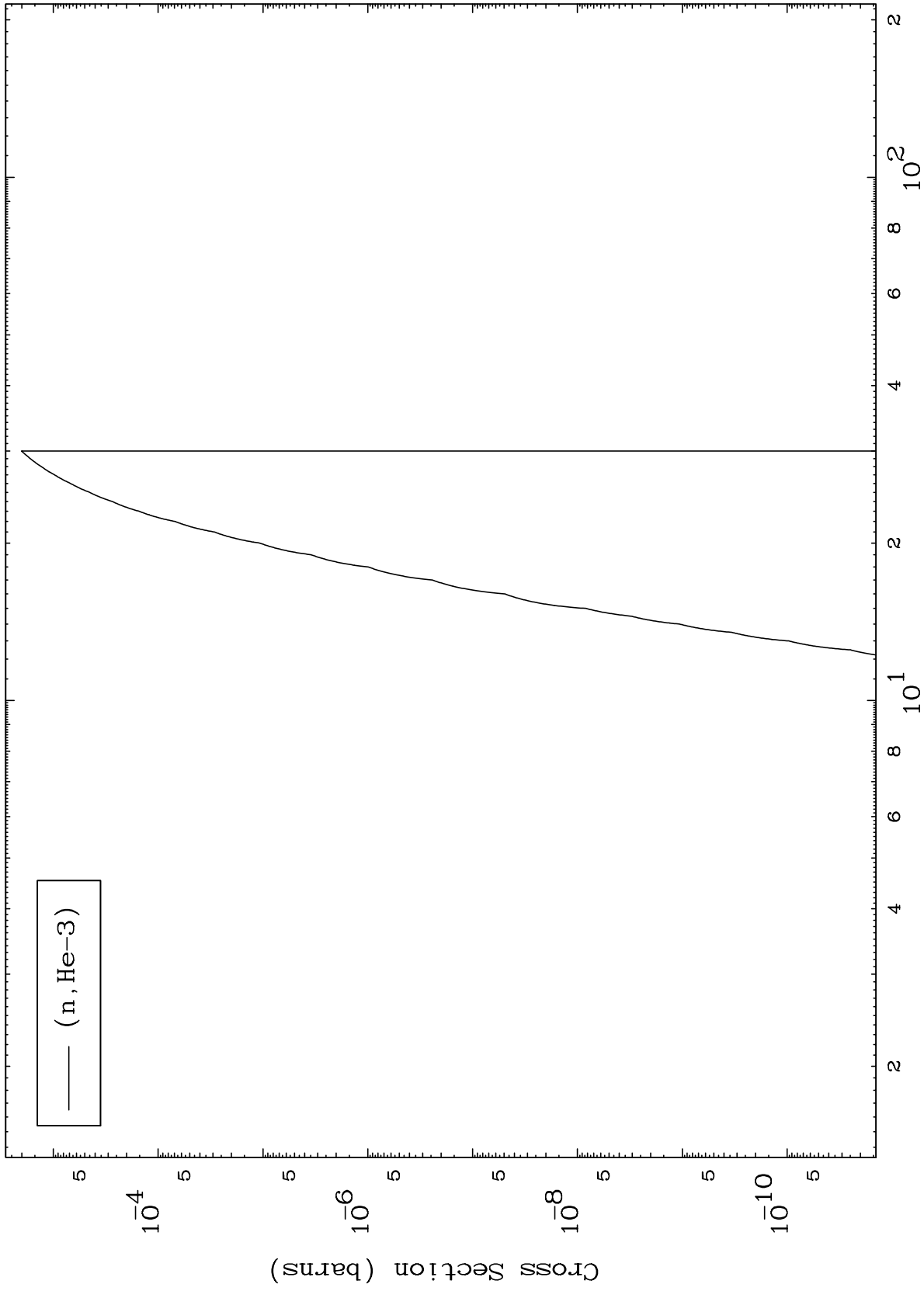
Incident Energy (MeV)

73-Ta-173

MAT 7304

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-173



11

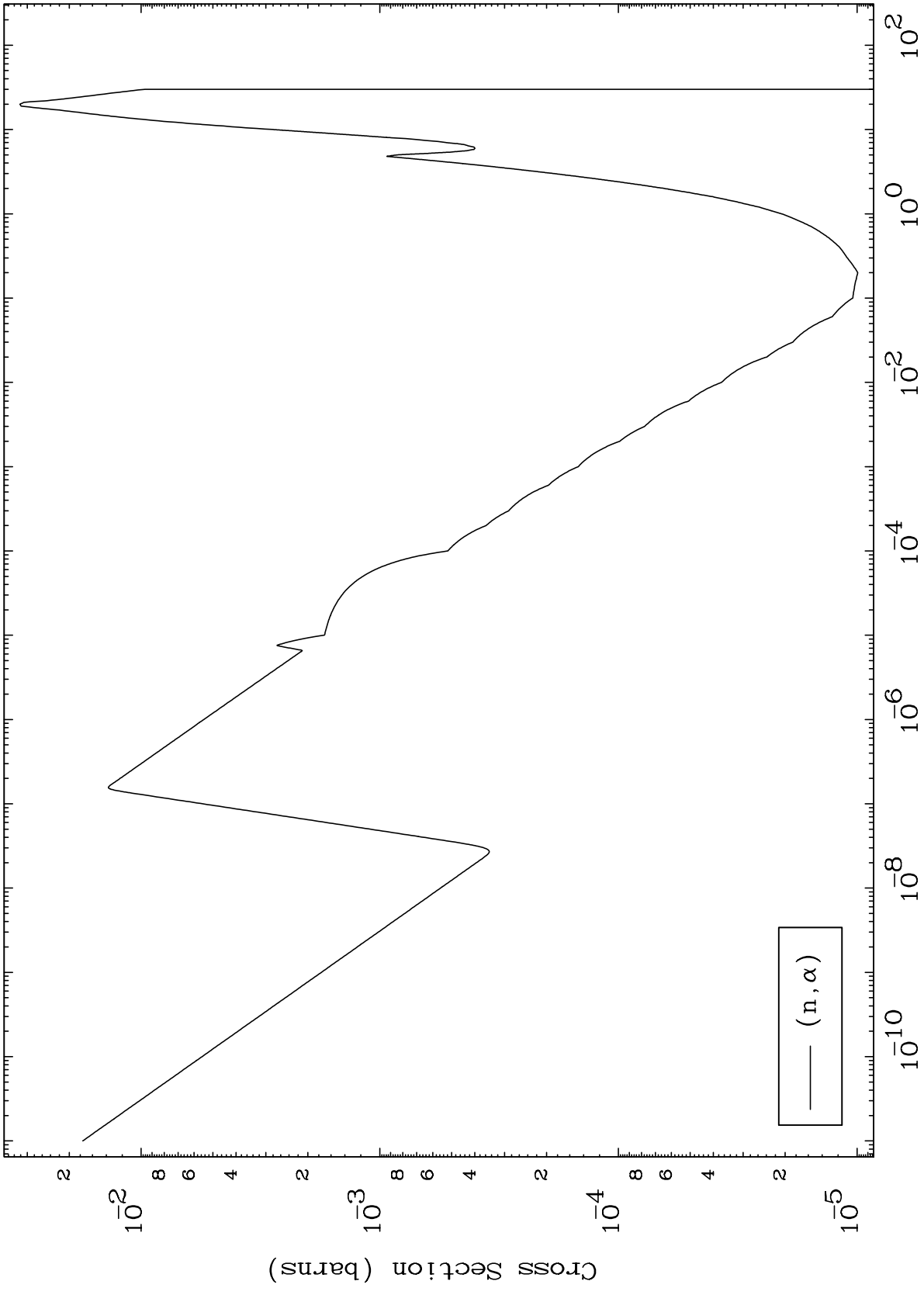
Incident Energy (MeV)

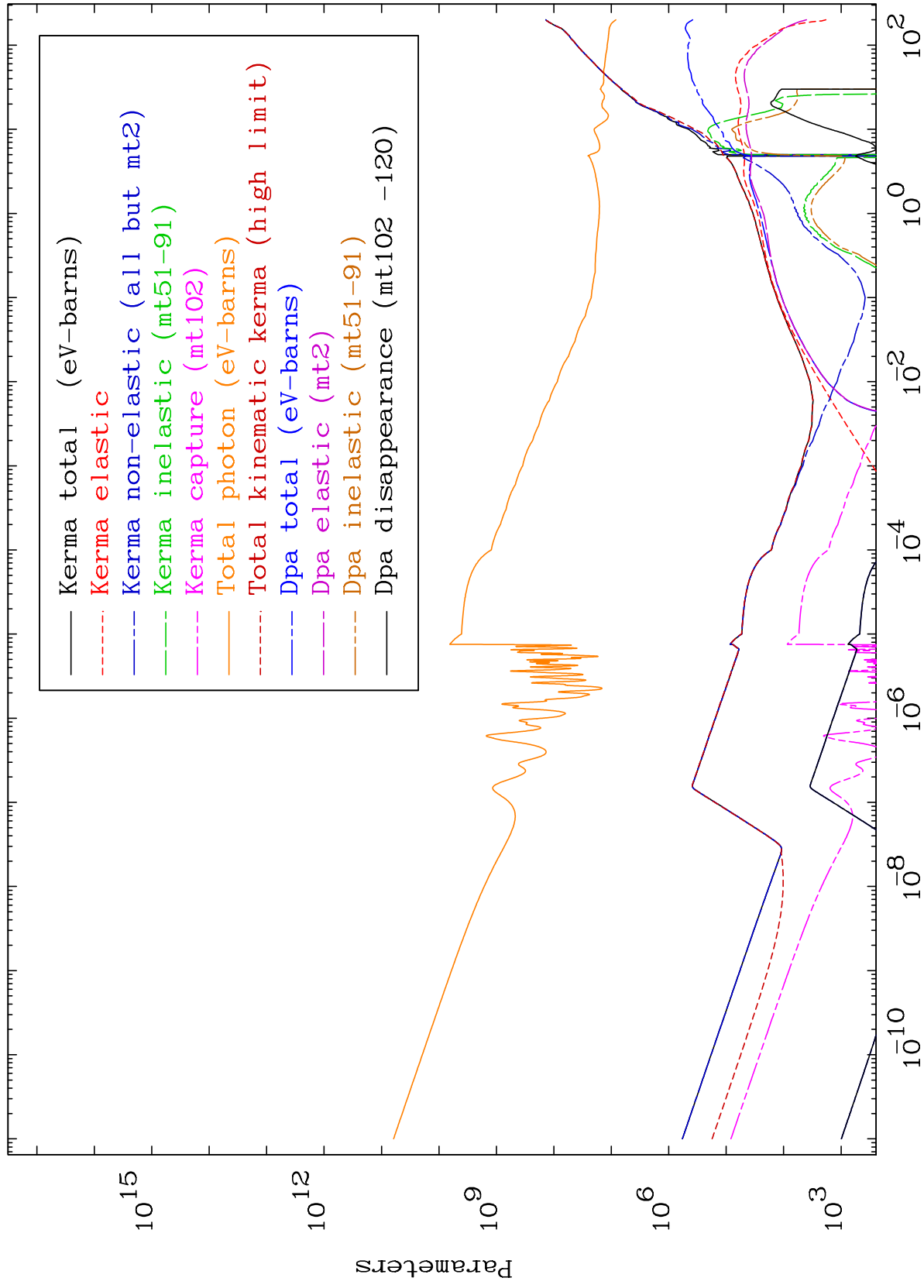
73-Ta-173

MAT 7304

(n,α) Levels  
293 Kelvin Cross Sections

73-Ta-173

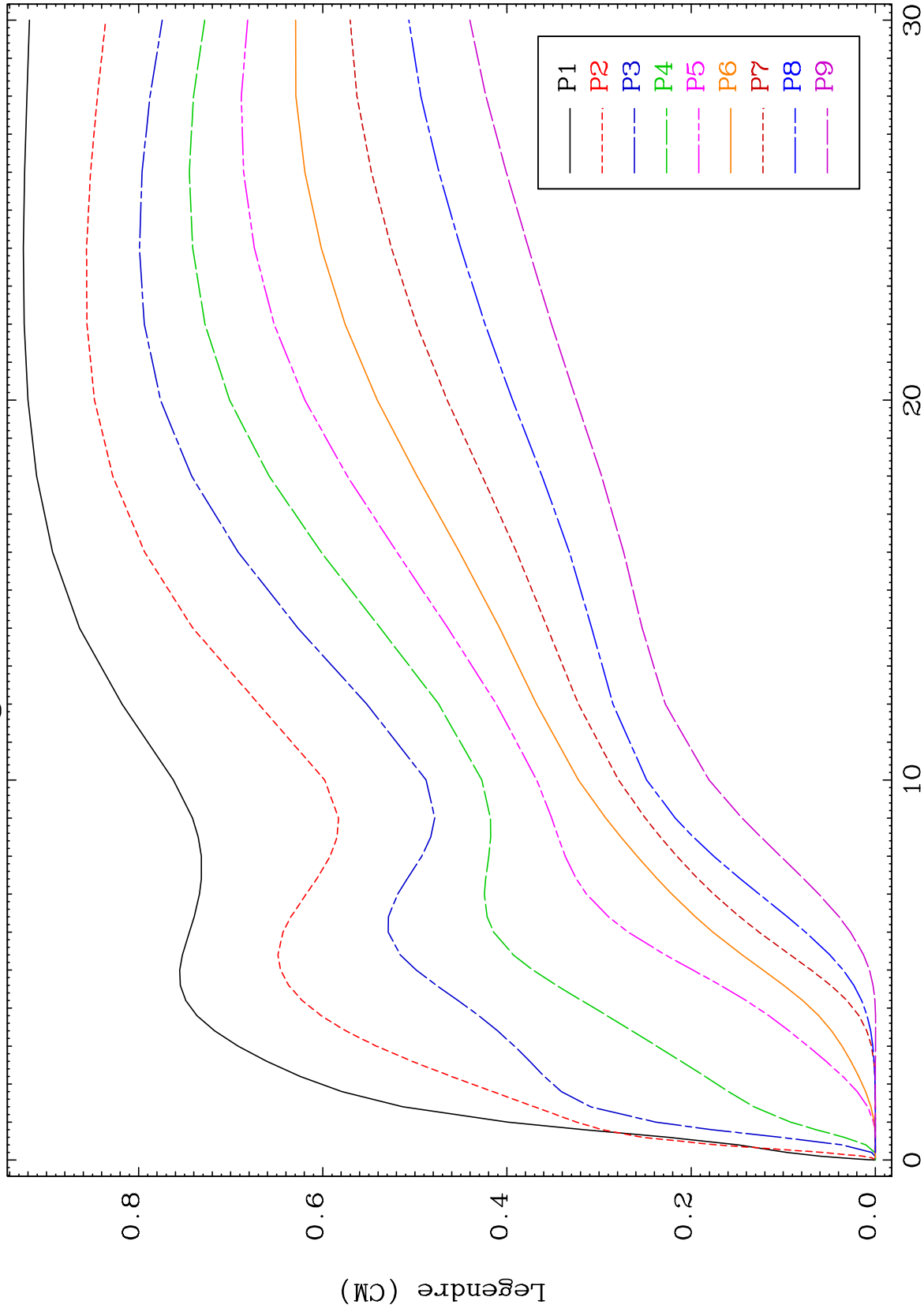




MAT 7304

Elastic Legendre Coefficients

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



14

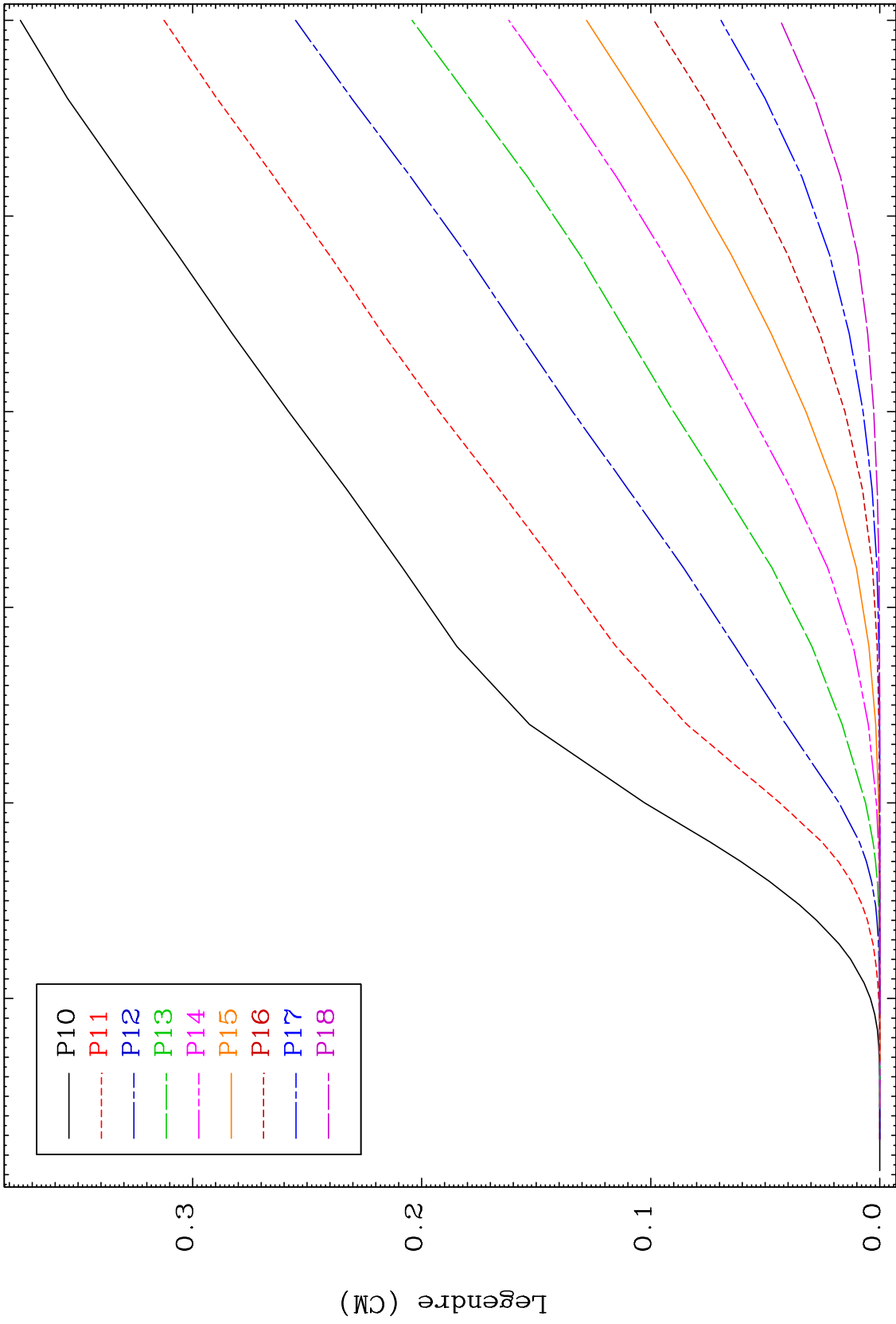
Incident Energy (MeV)

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

MAT 7304

Elastic Legendre Coefficients

<sup>73</sup>Ta-<sup>173</sup>



15

Incident Energy (MeV)

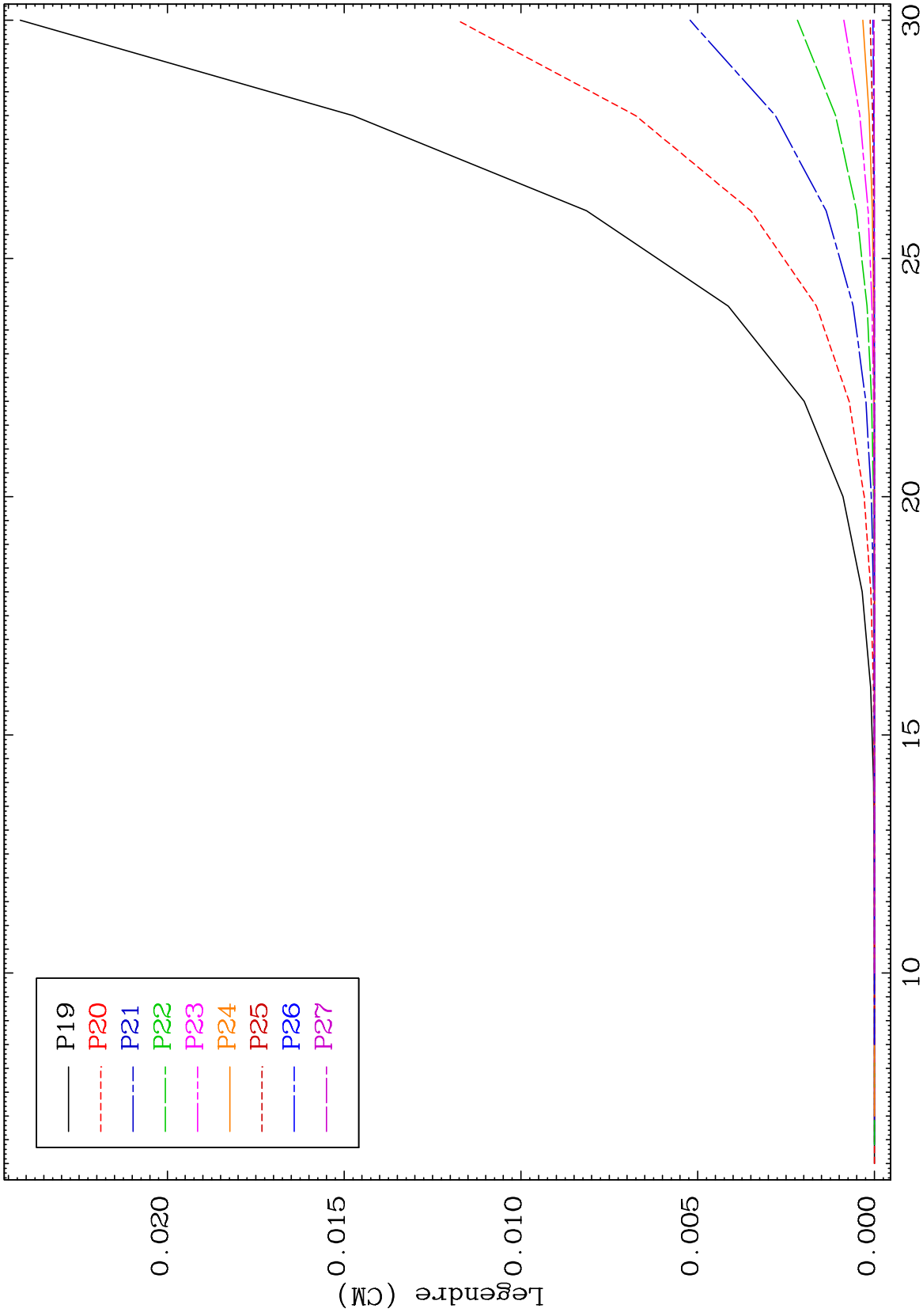
<sup>73</sup>Ta-<sup>173</sup>



MAT 7304

### Elastic Legendre Coefficients

<sup>73</sup>Ta-173



16

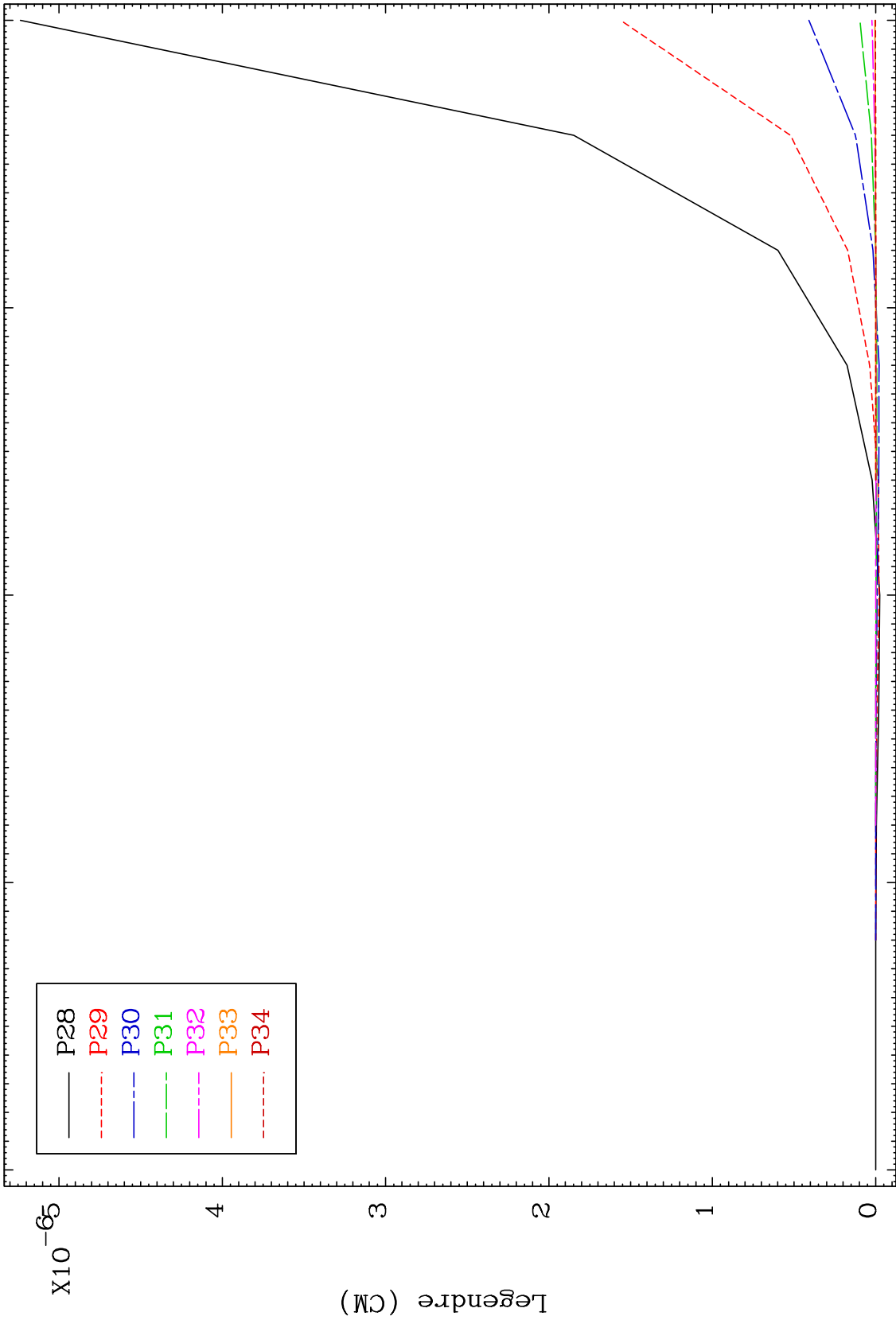
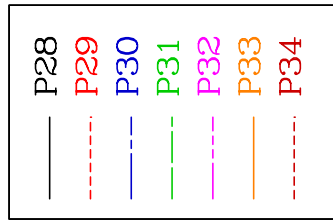
Incident Energy (MeV)

<sup>73</sup>Ta-173

MAT 7304

Elastic Legendre Coefficients

<sup>73</sup>Ta-173



10

15

20

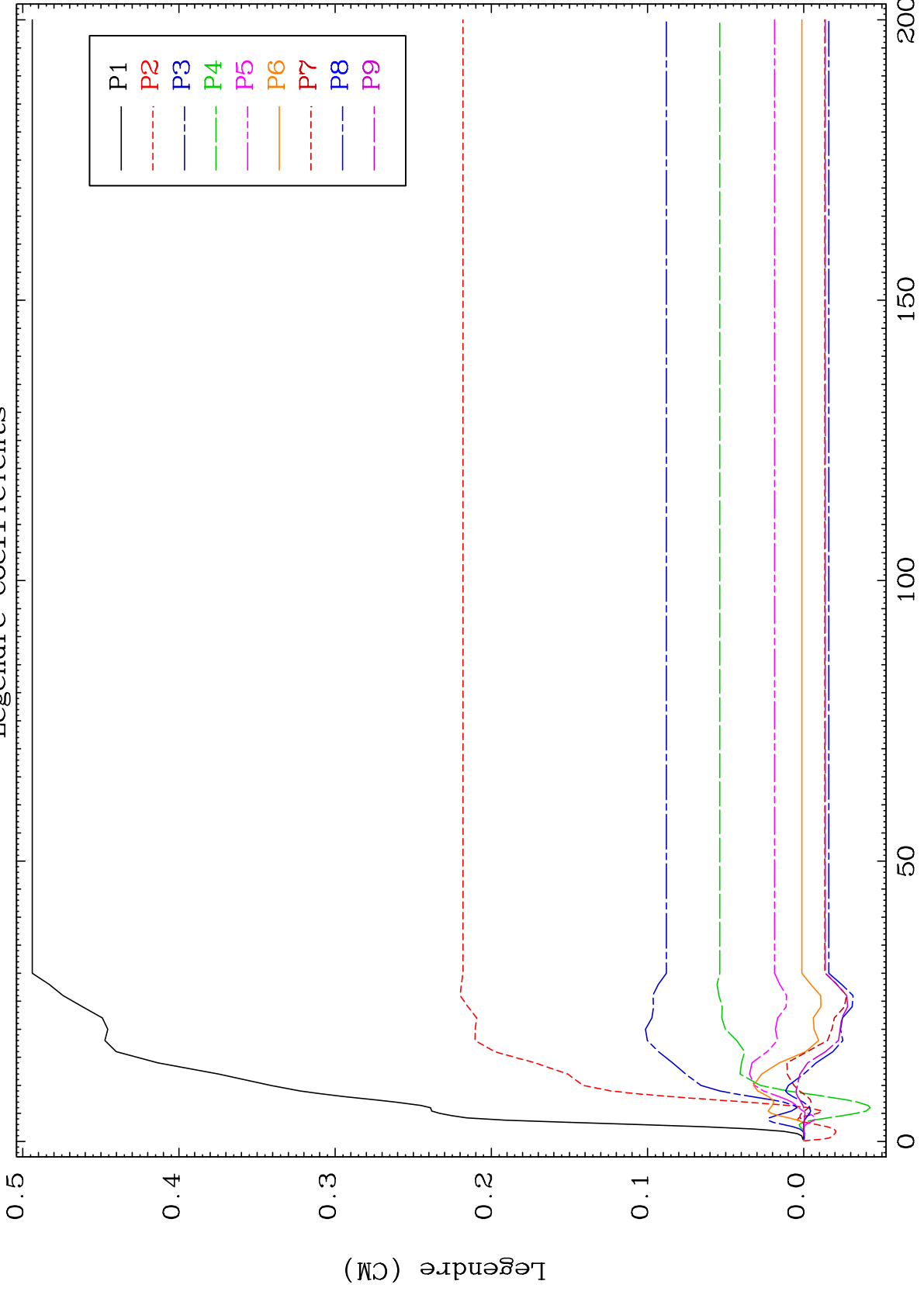
25

30

Incident Energy (MeV)

<sup>73</sup>Ta-173

MAT 7304 MT= 51 (n,n') Level Legendre Coefficients 73-Ta-173

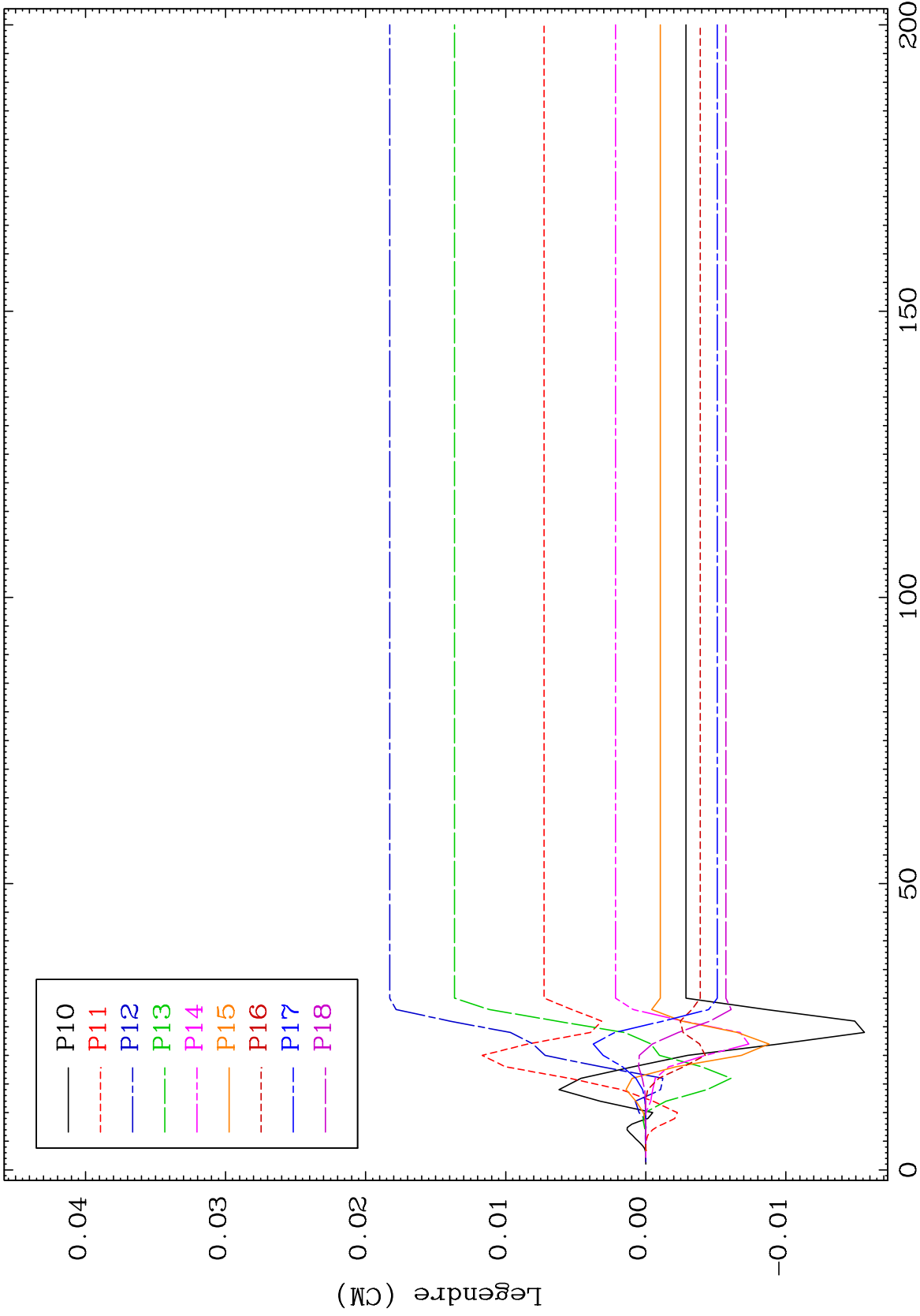


18 73-Ta-173

MAT 7304

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

73-Ta-173



19

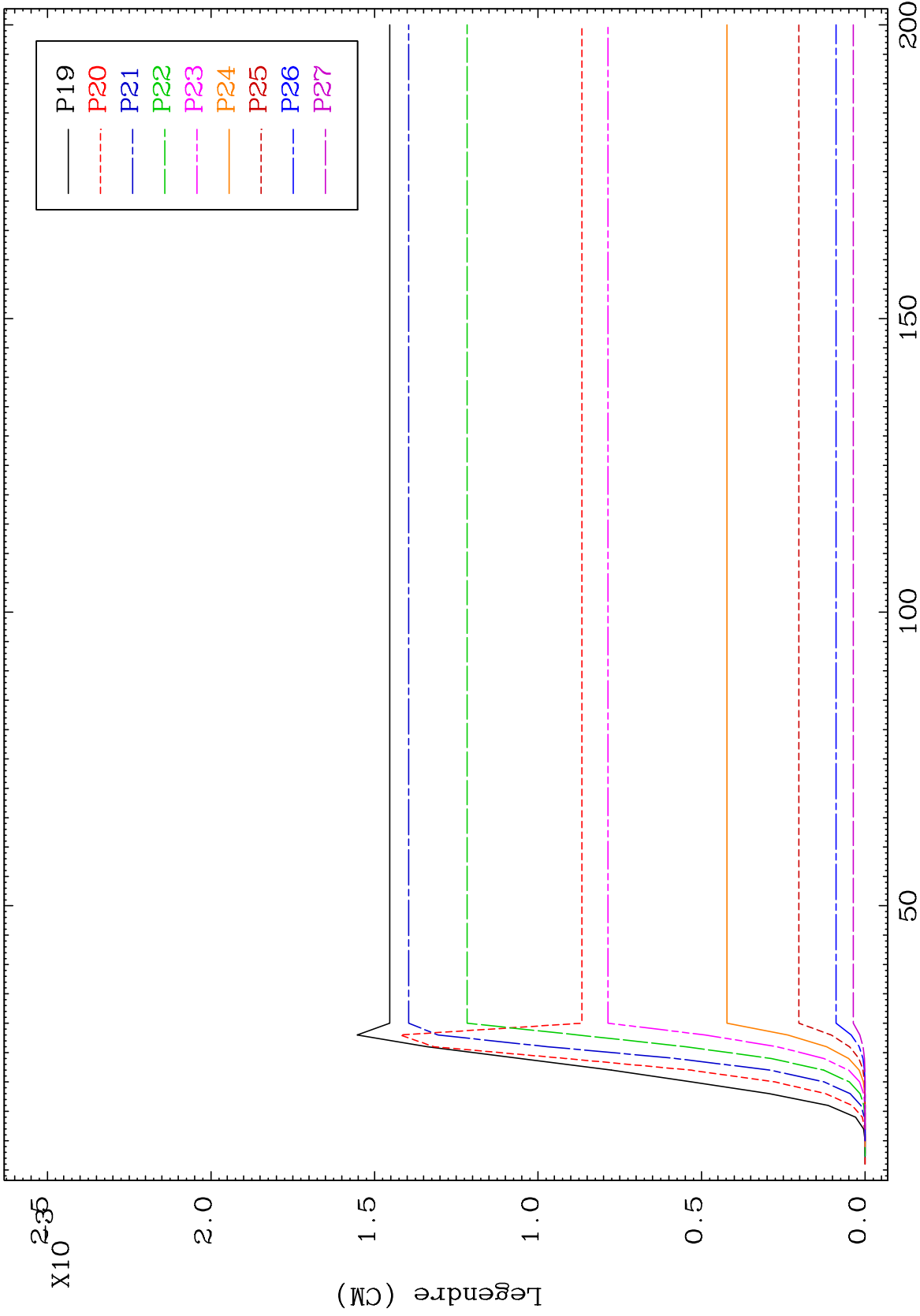
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

73-Ta-173



20

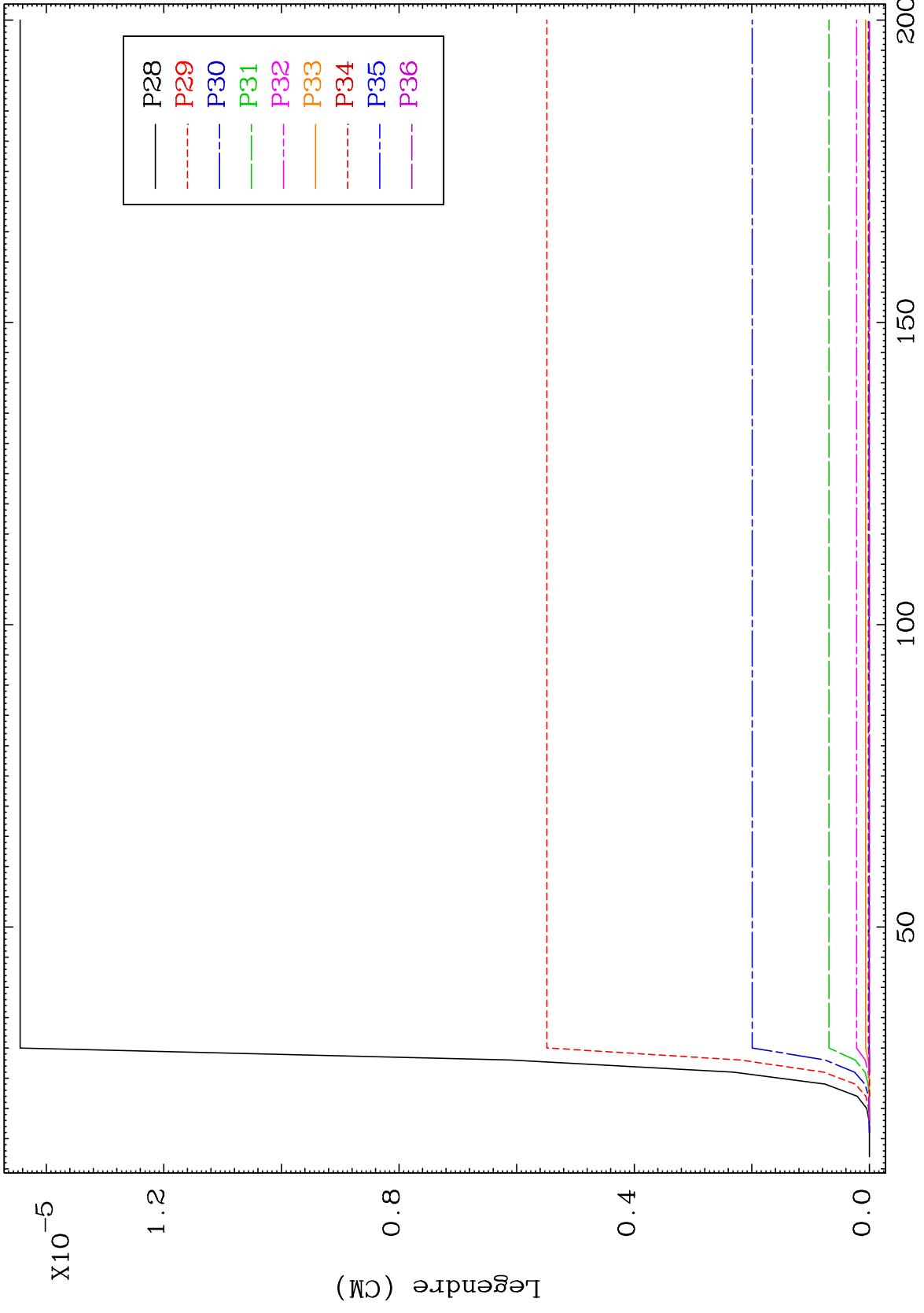
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

73-Ta-173



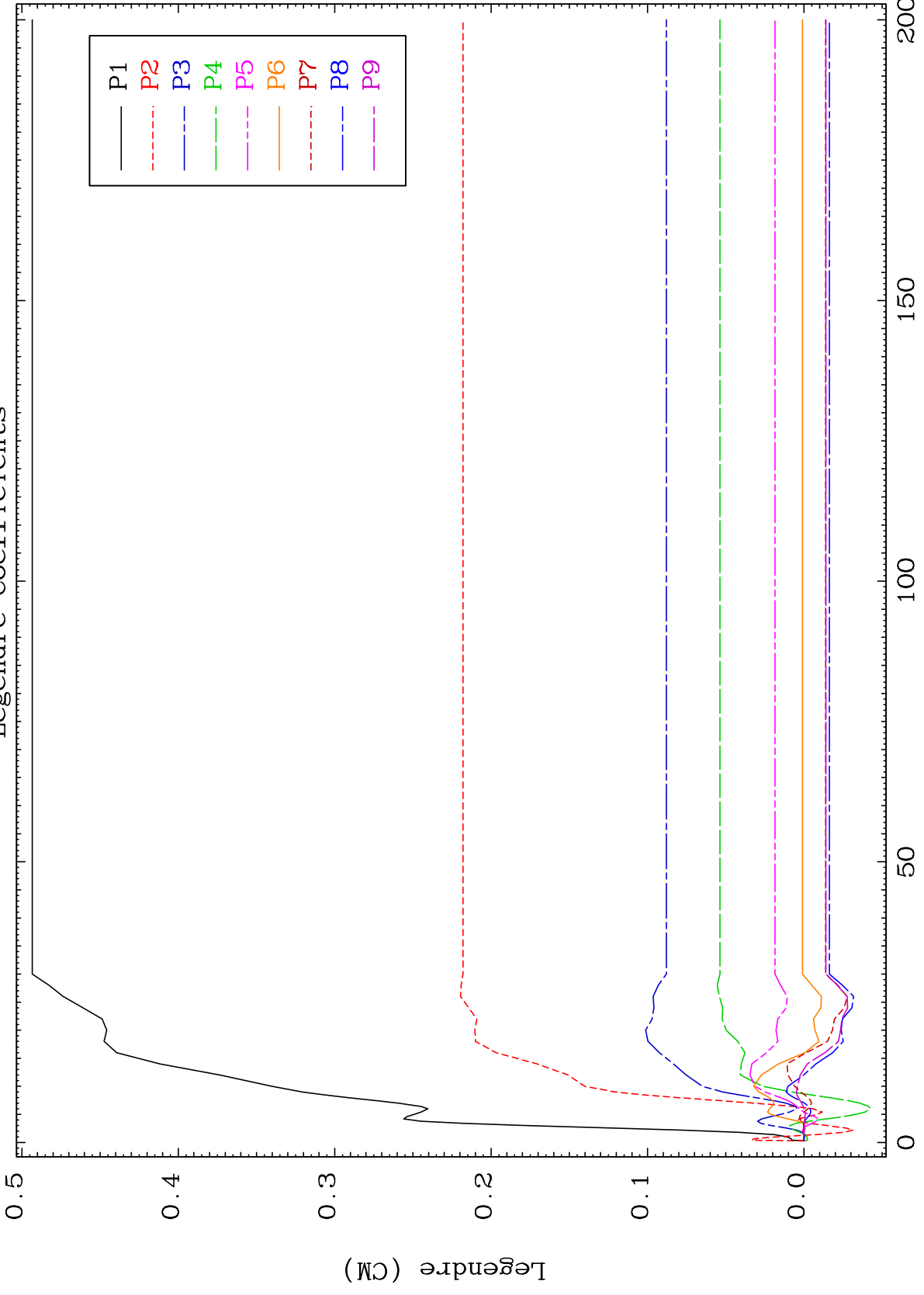
21

73-Ta-173

MAT 7304

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

73-Ta-173

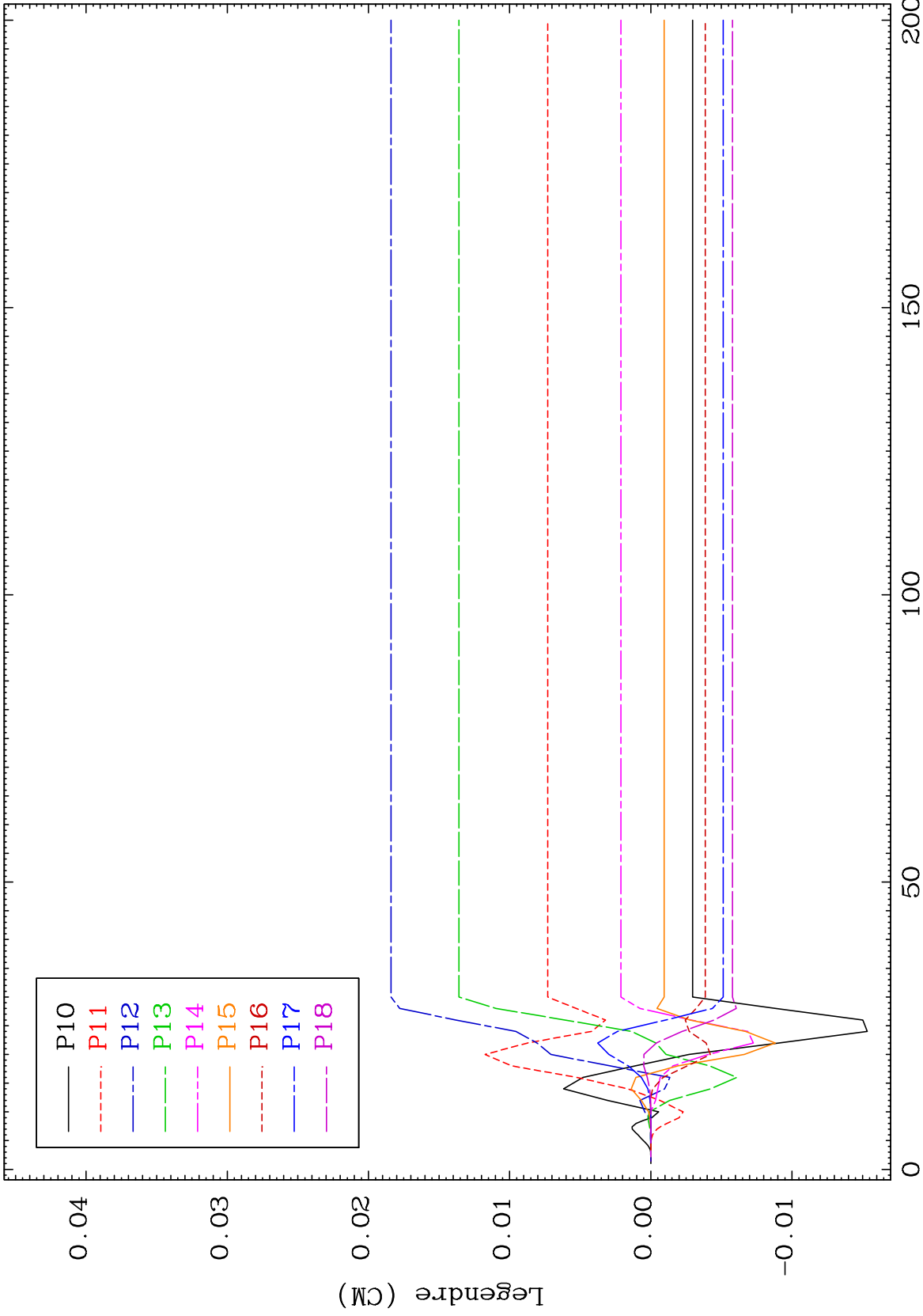


22

MAT 7304

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

73-Ta-173



23

Incident Energy (MeV)

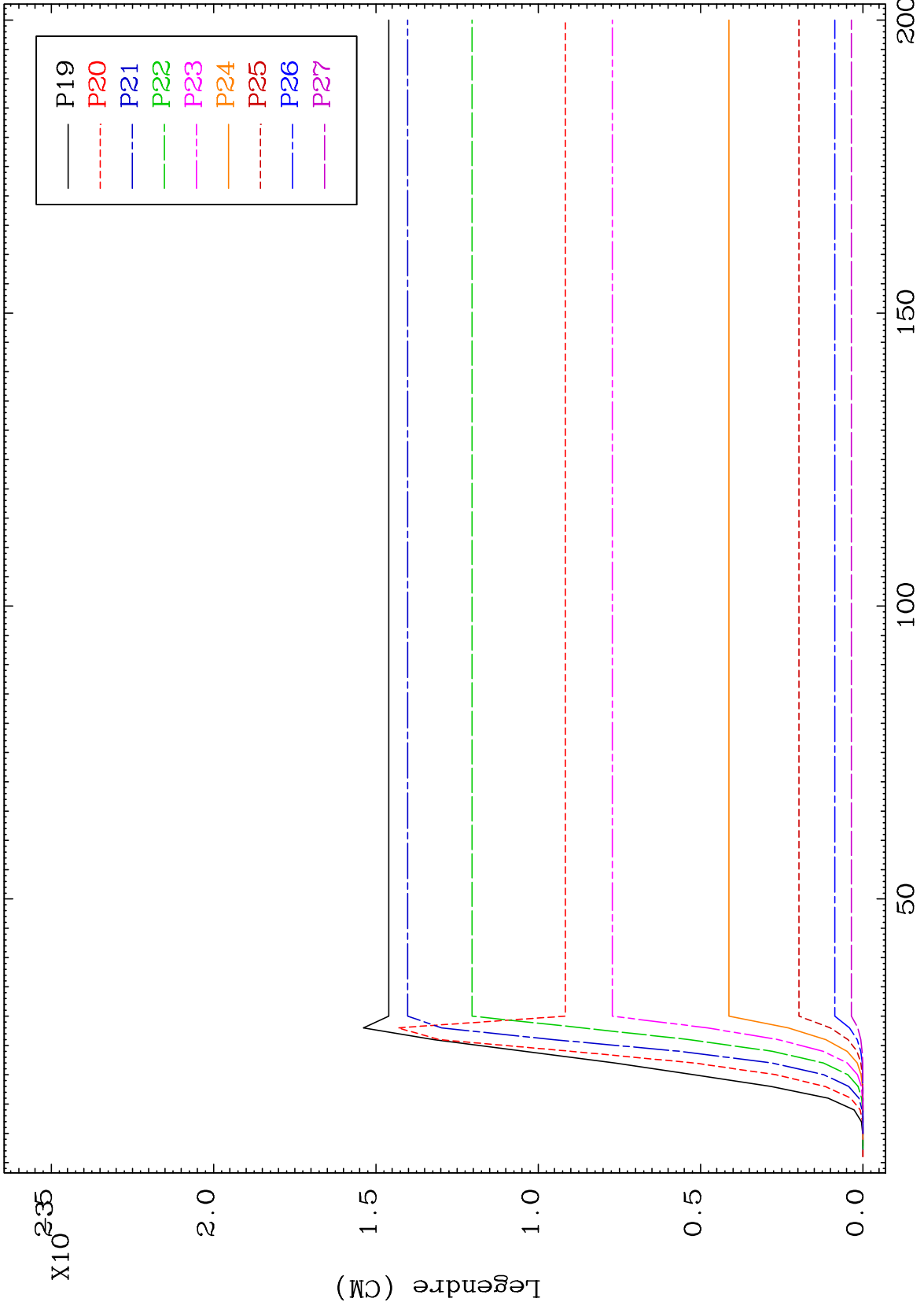
73-Ta-173



MAT 7304

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

73-Ta-173



24

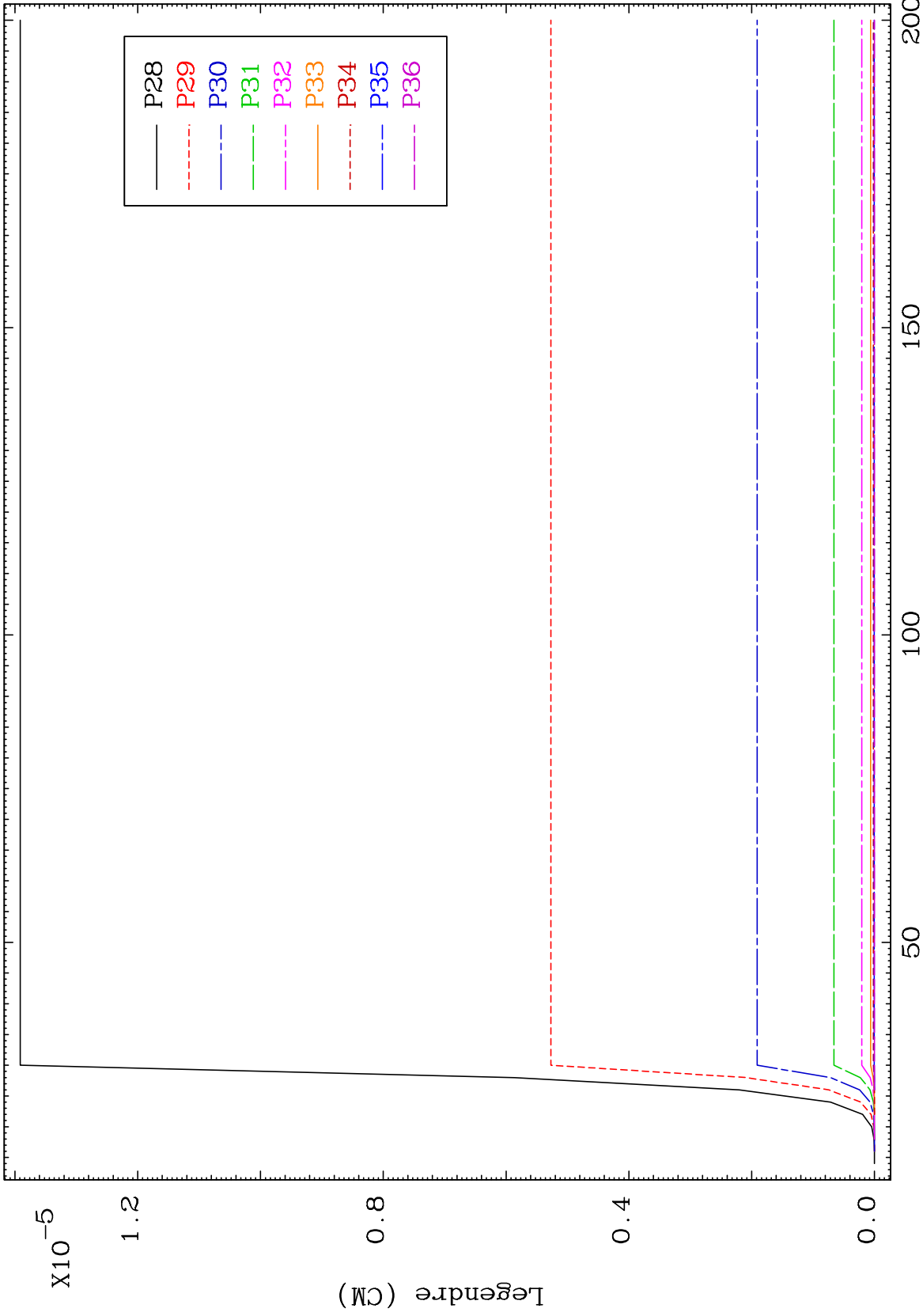
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

73-Ta-173



25

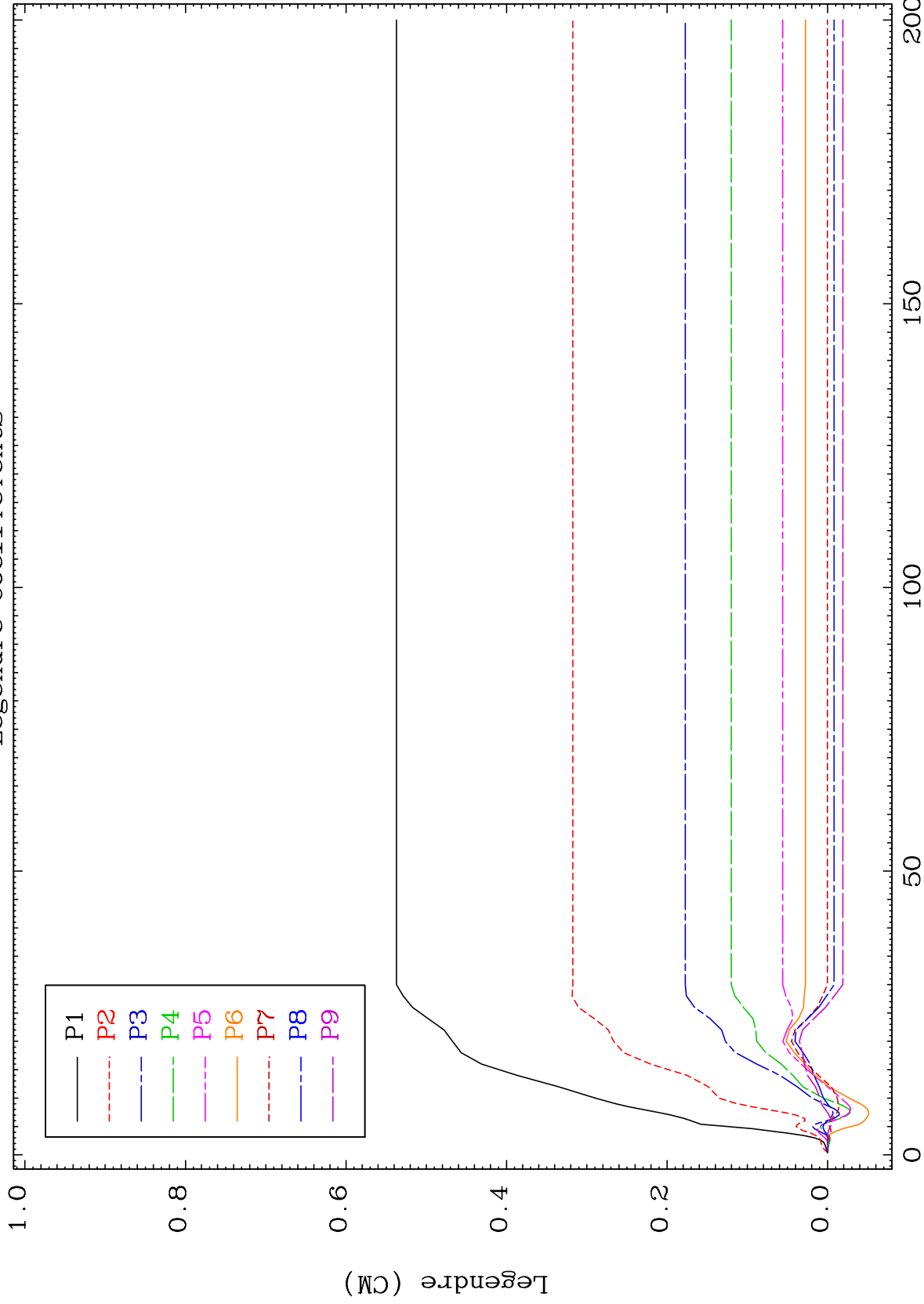
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

<sup>73</sup>Ta-173



26

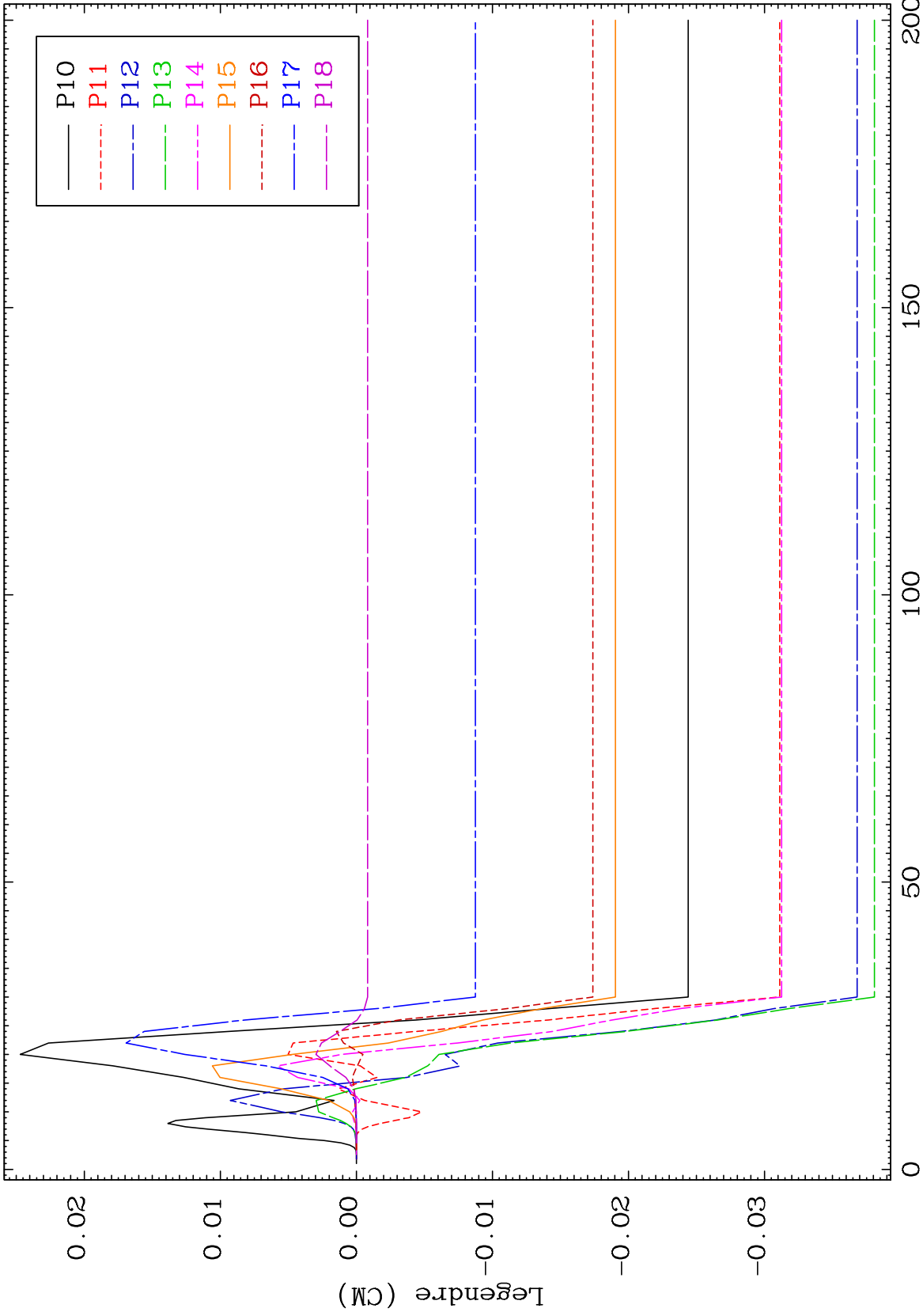
Incident Energy (MeV)

<sup>73</sup>Ta-173

MAT 7304

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

73-Ta-173



27

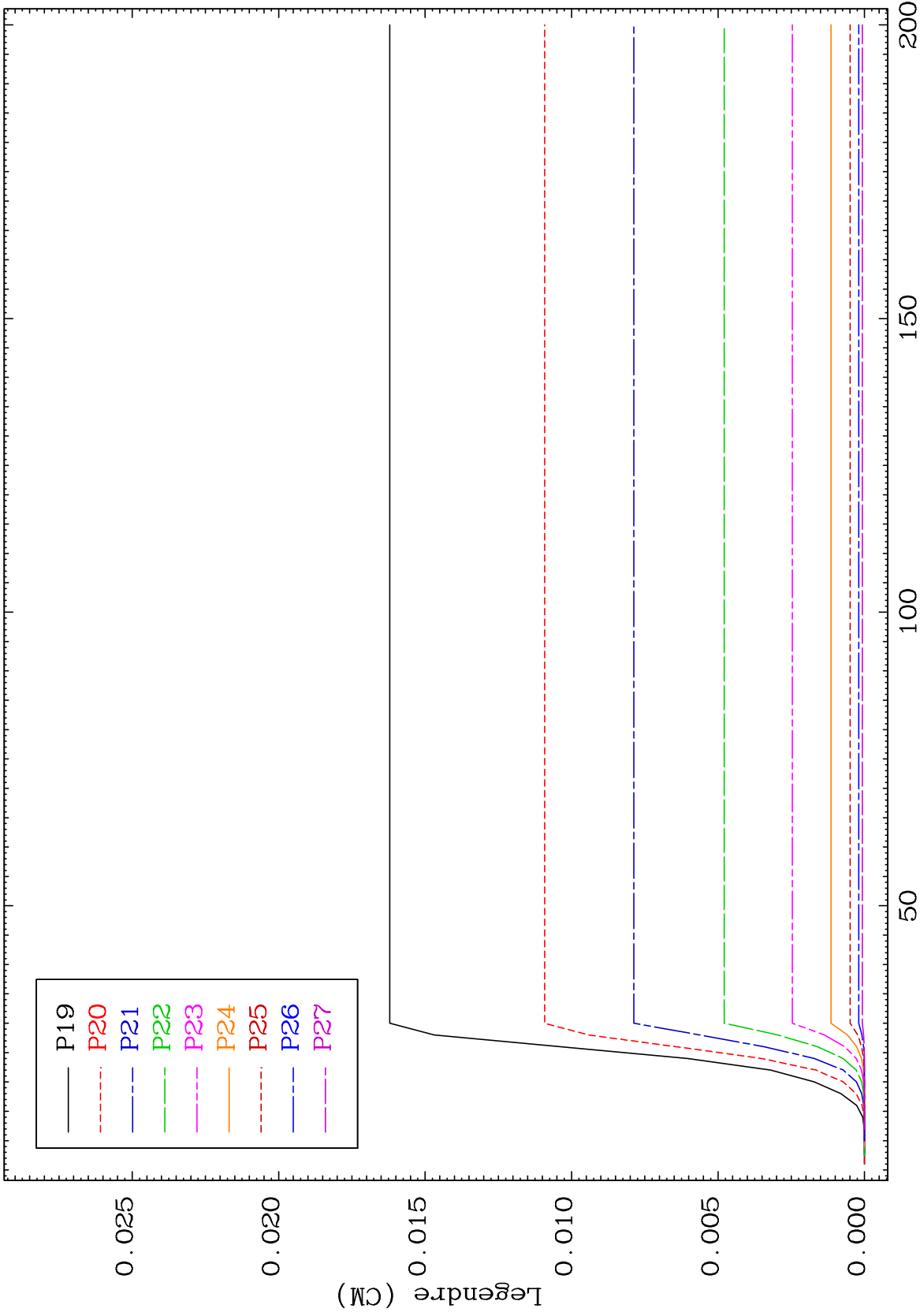
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

73-Ta-173



28

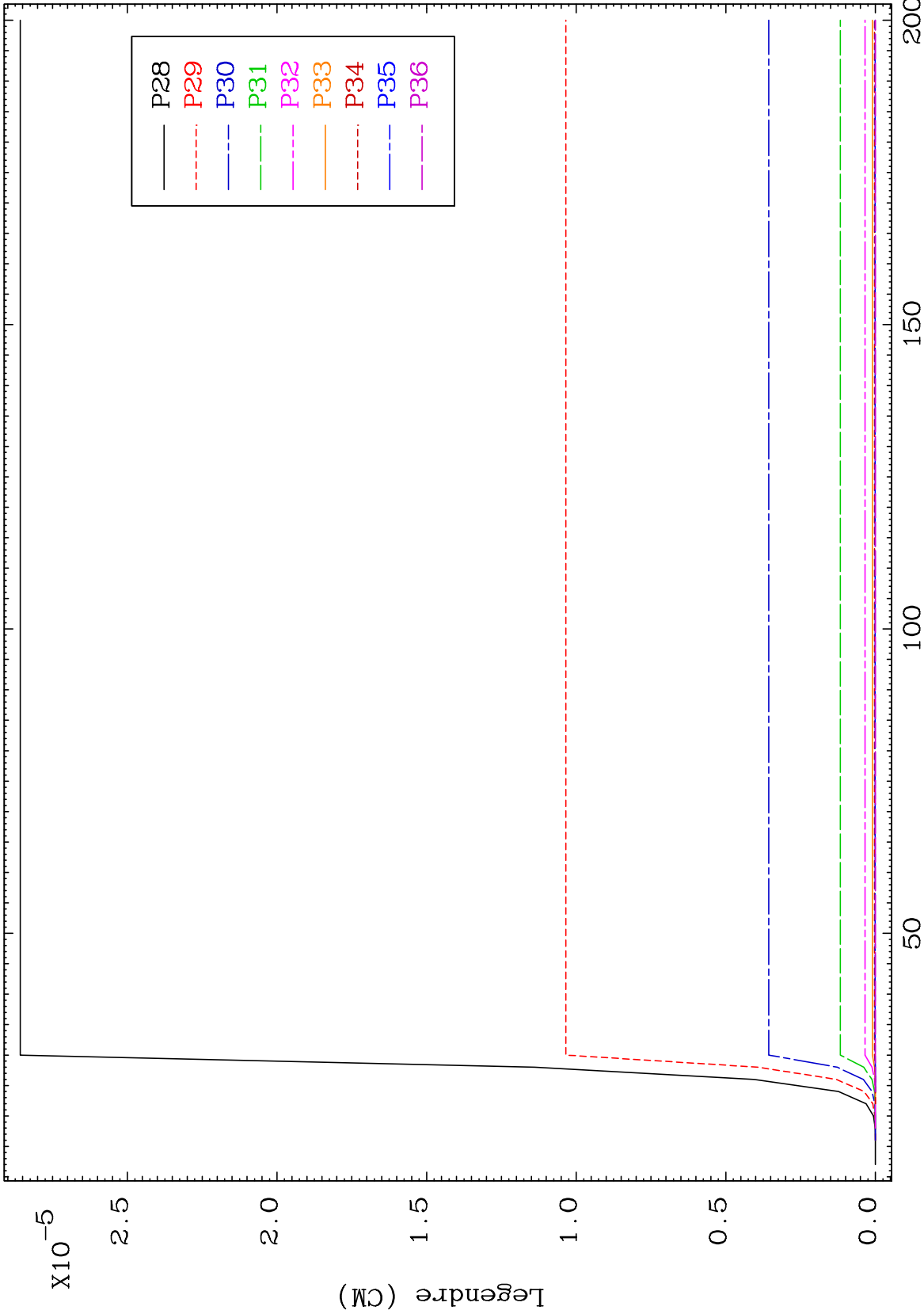
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

73-Ta-173



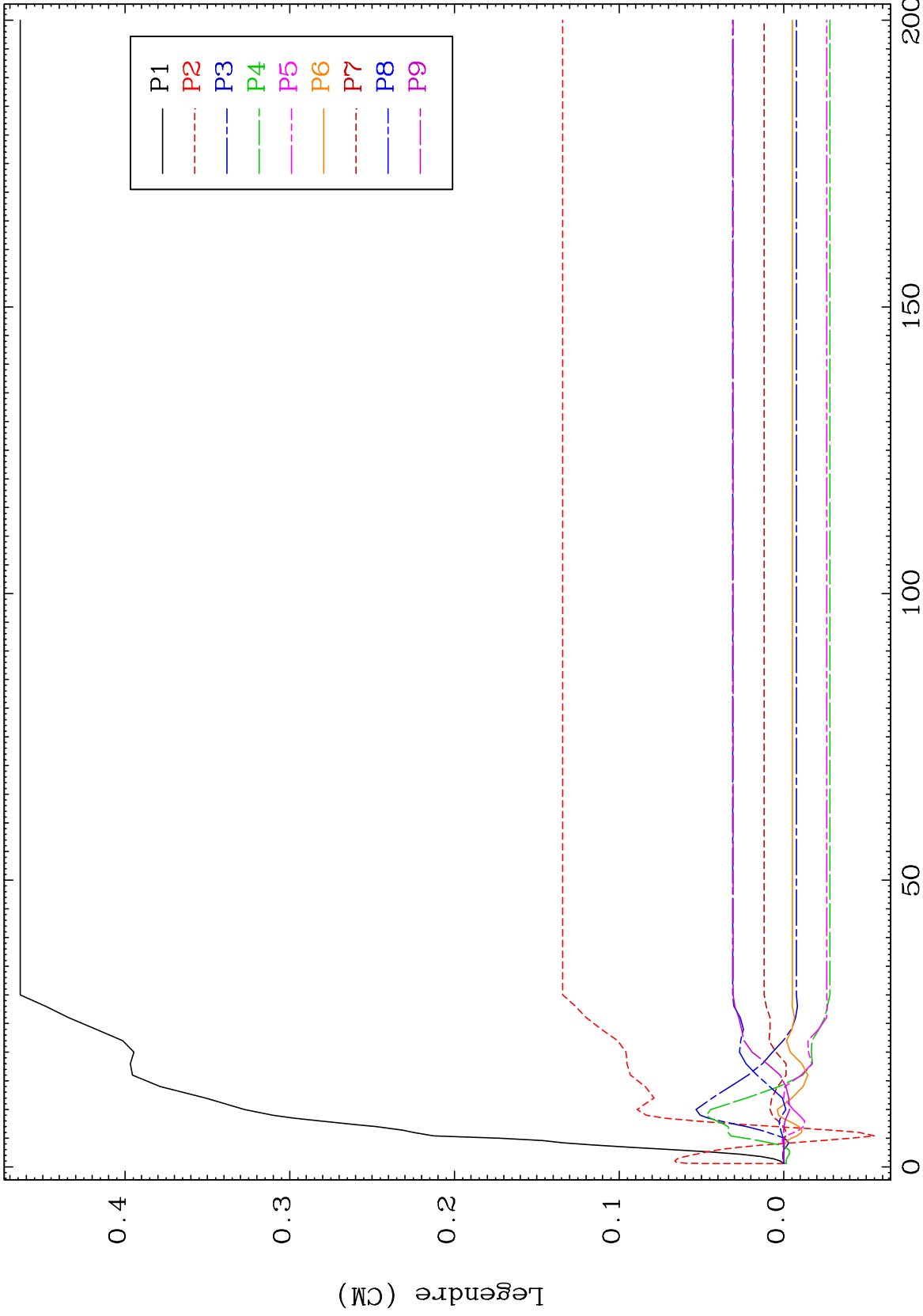
29

73-Ta-173

MAT 7304

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

73-Ta-173



73-Ta-173

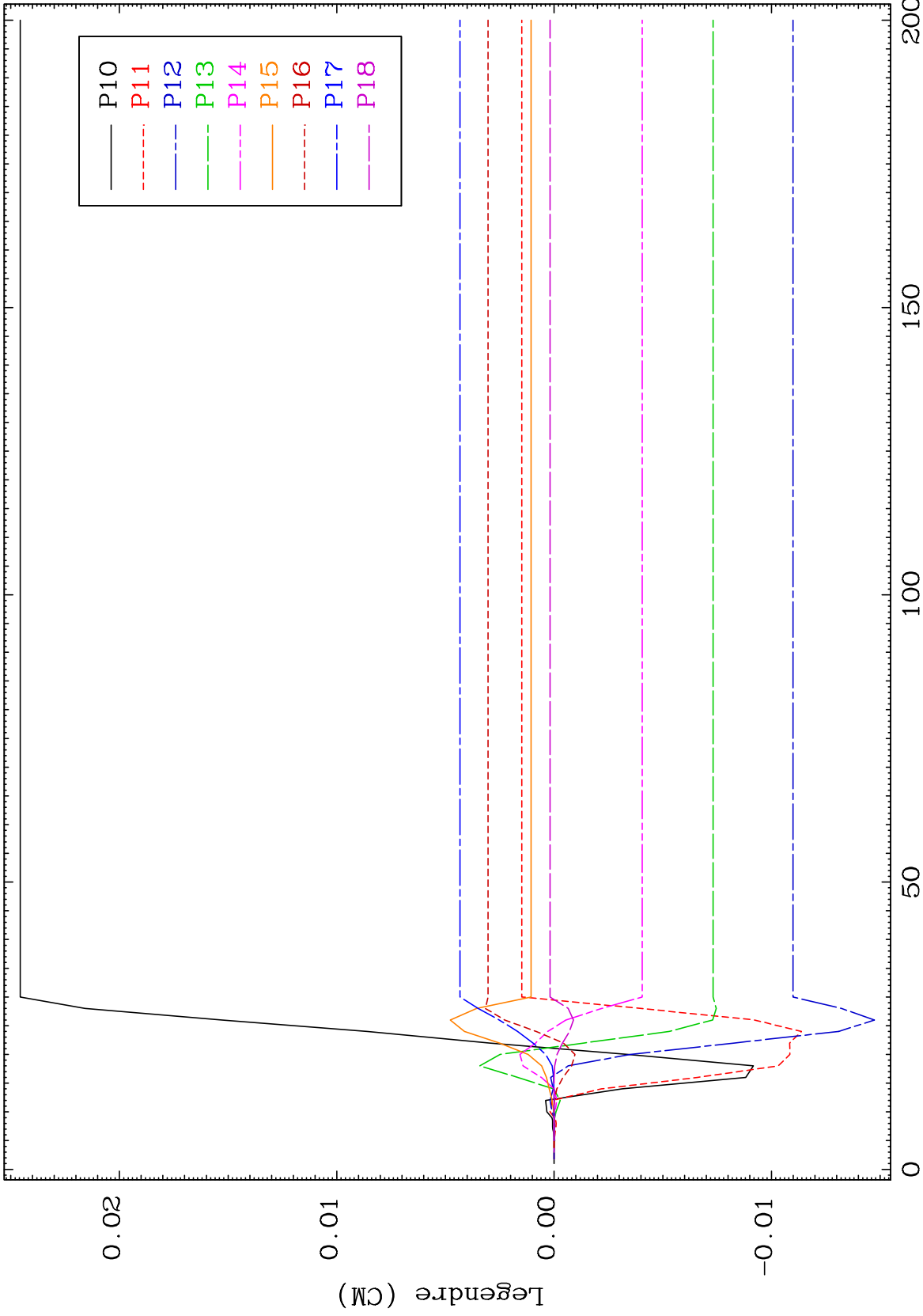
Incident Energy (MeV)

30

MAT 7304

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

73-Ta-173



31

Incident Energy (MeV)

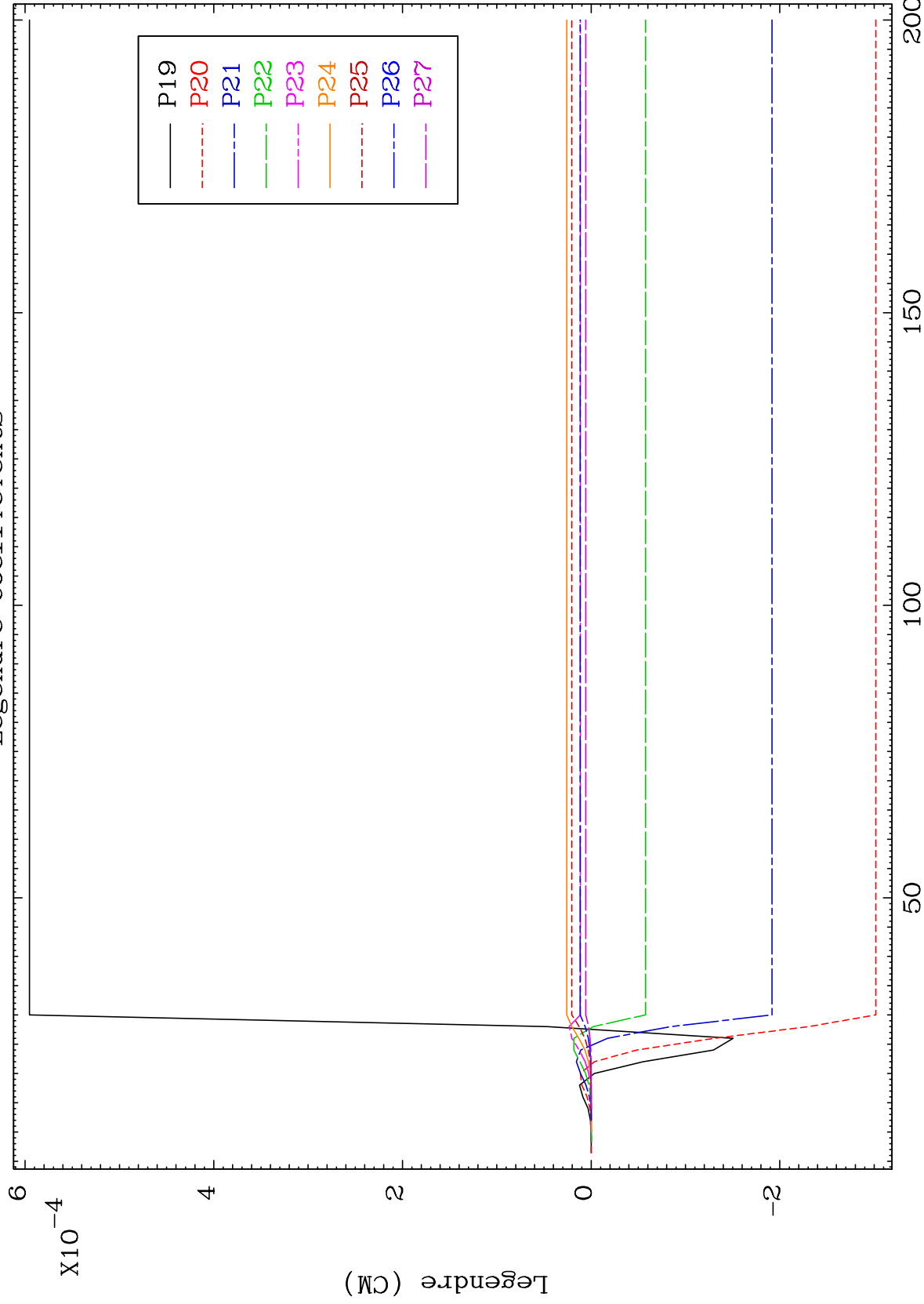
73-Ta-173



MAT 7304

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

73-Ta-173



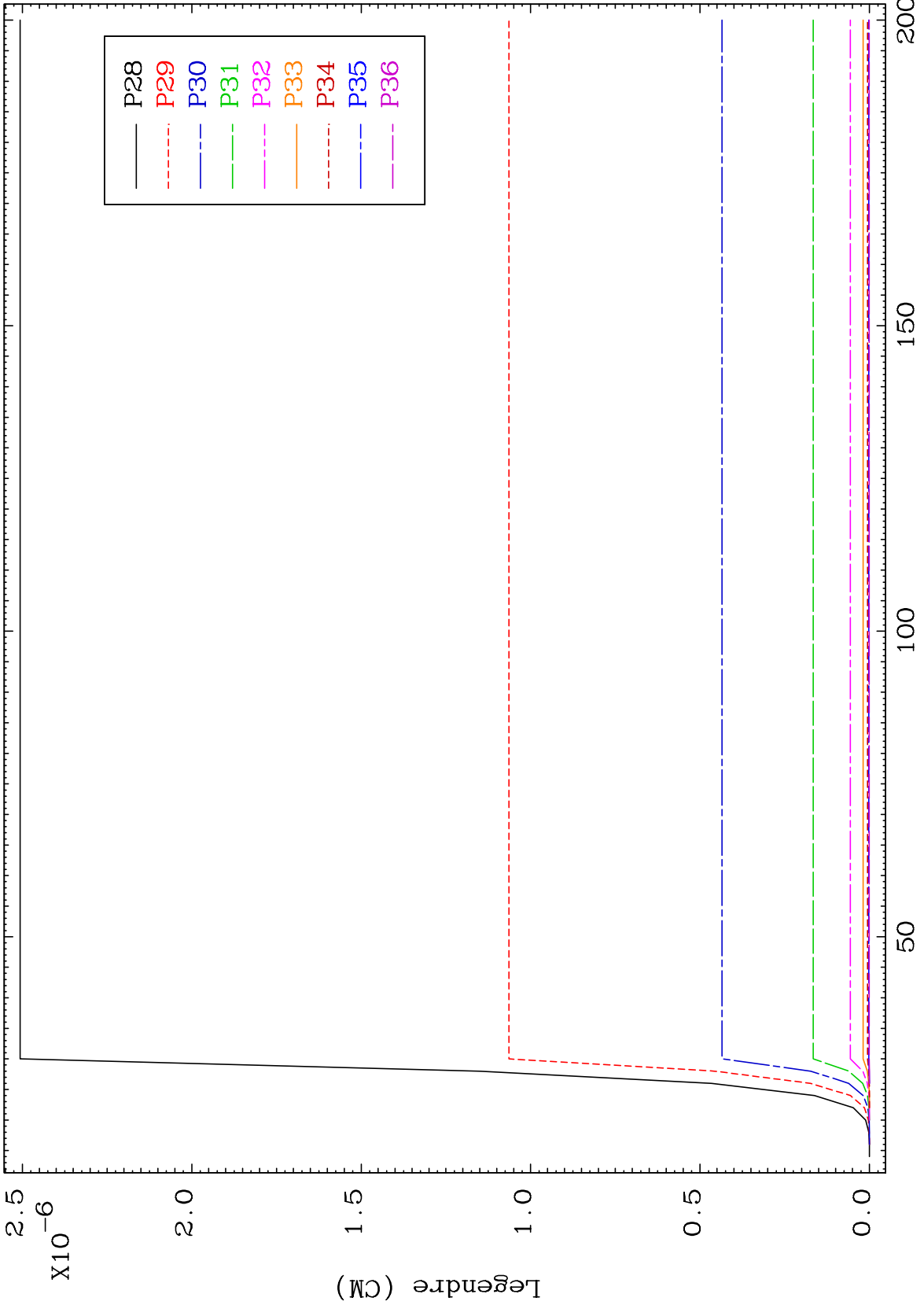
32

73-Ta-173

MAT 7304

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

73-Ta-173



33

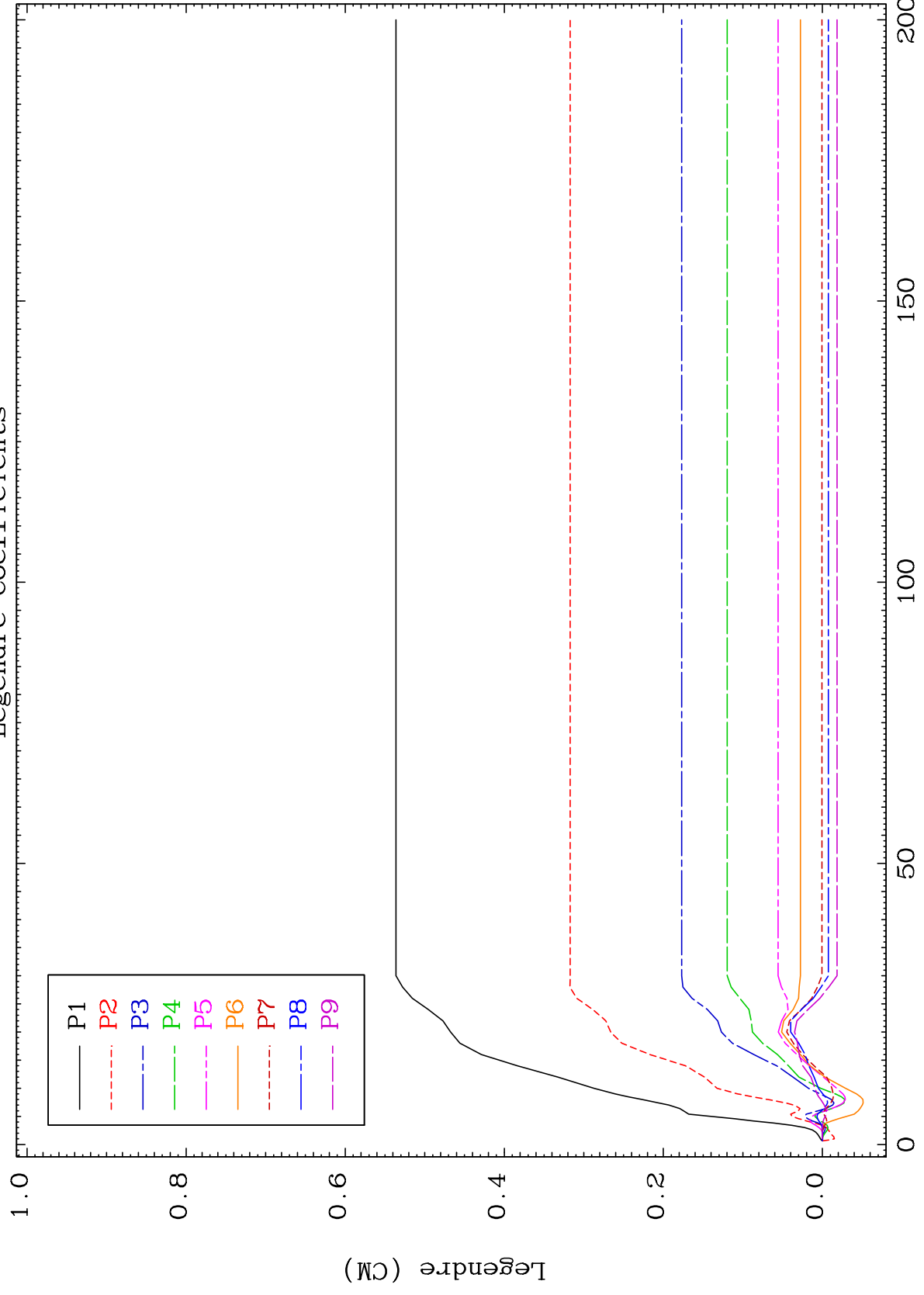
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

73-Ta-173



34

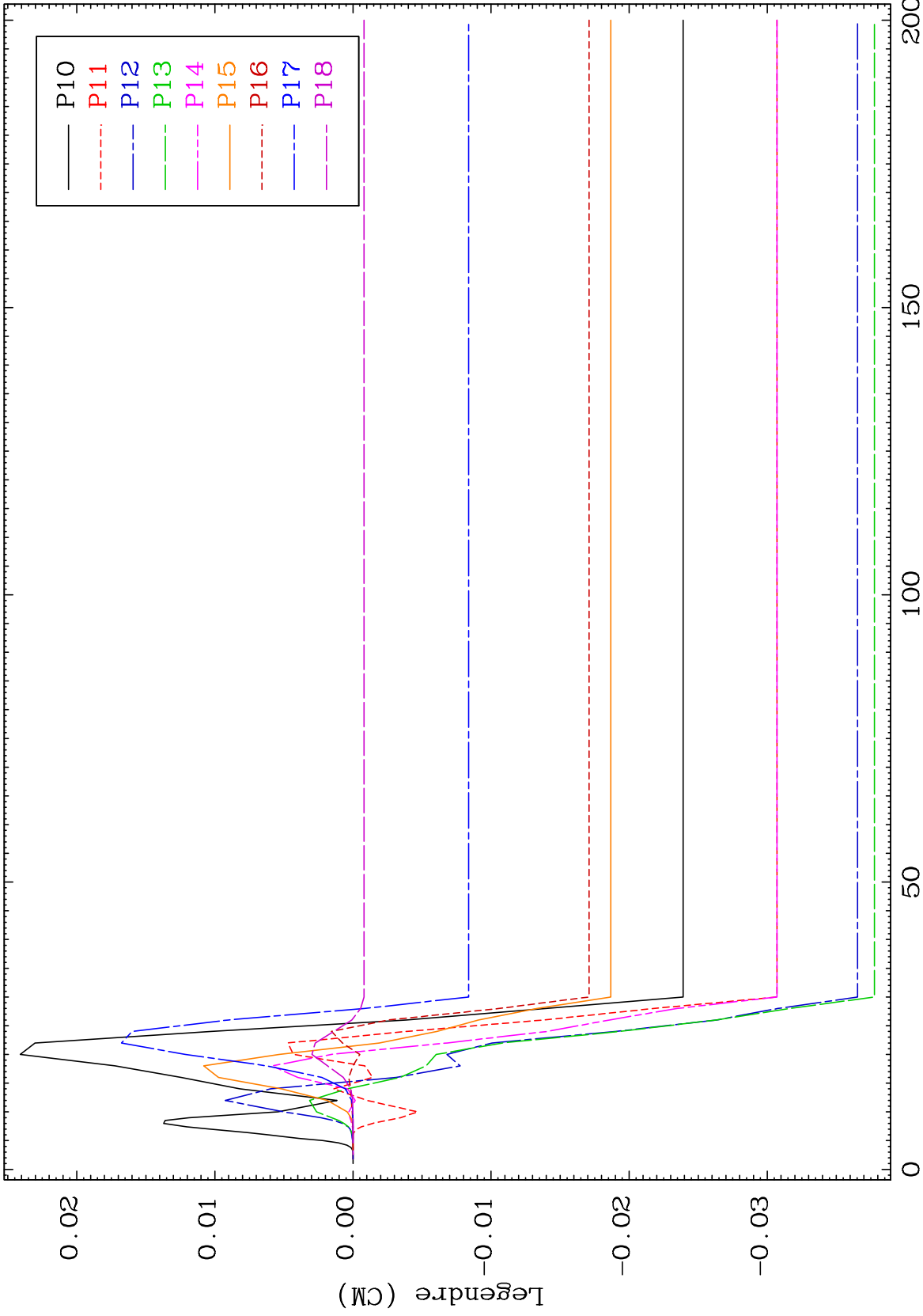
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

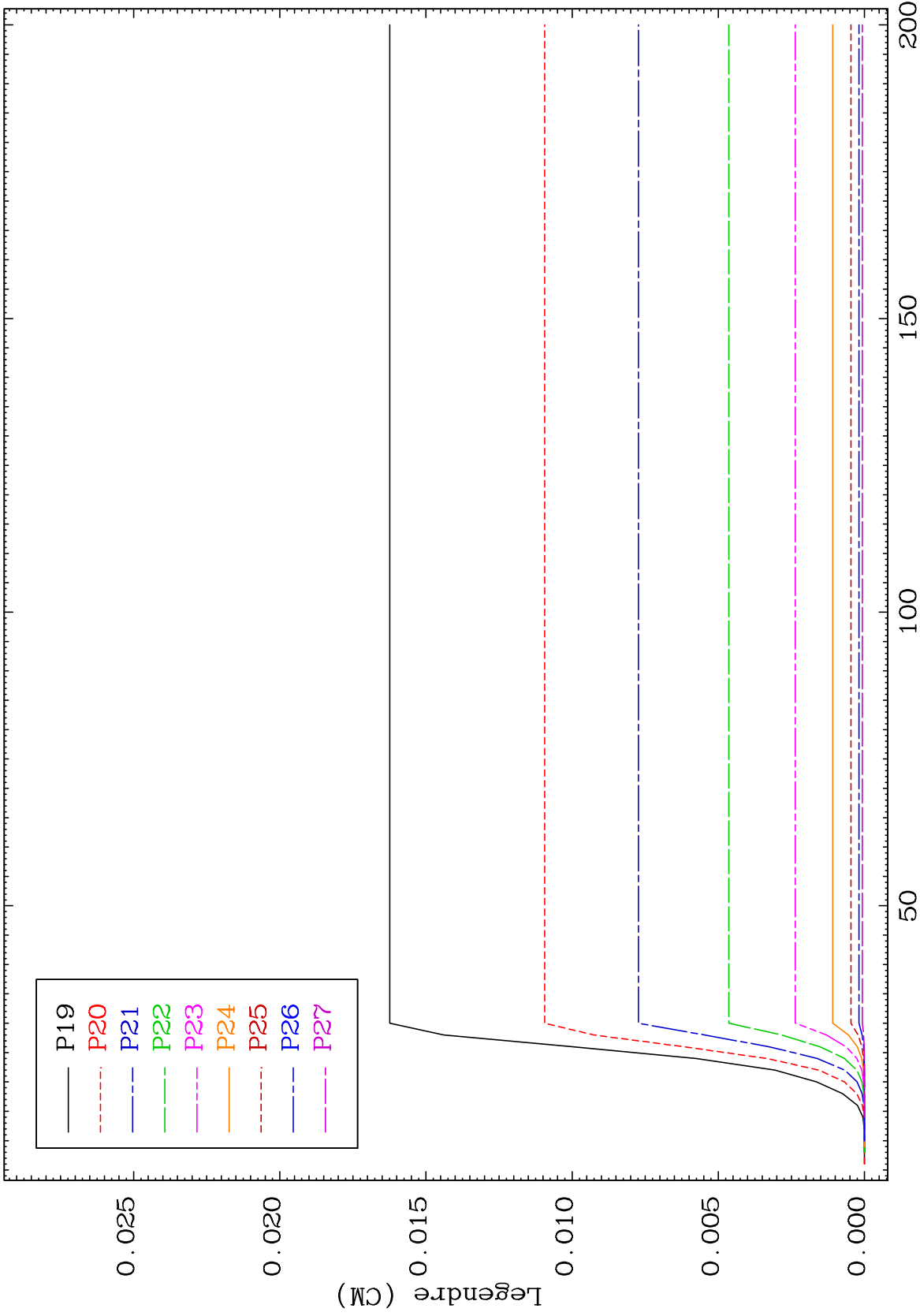
73-Ta-173



35

Incident Energy (MeV)

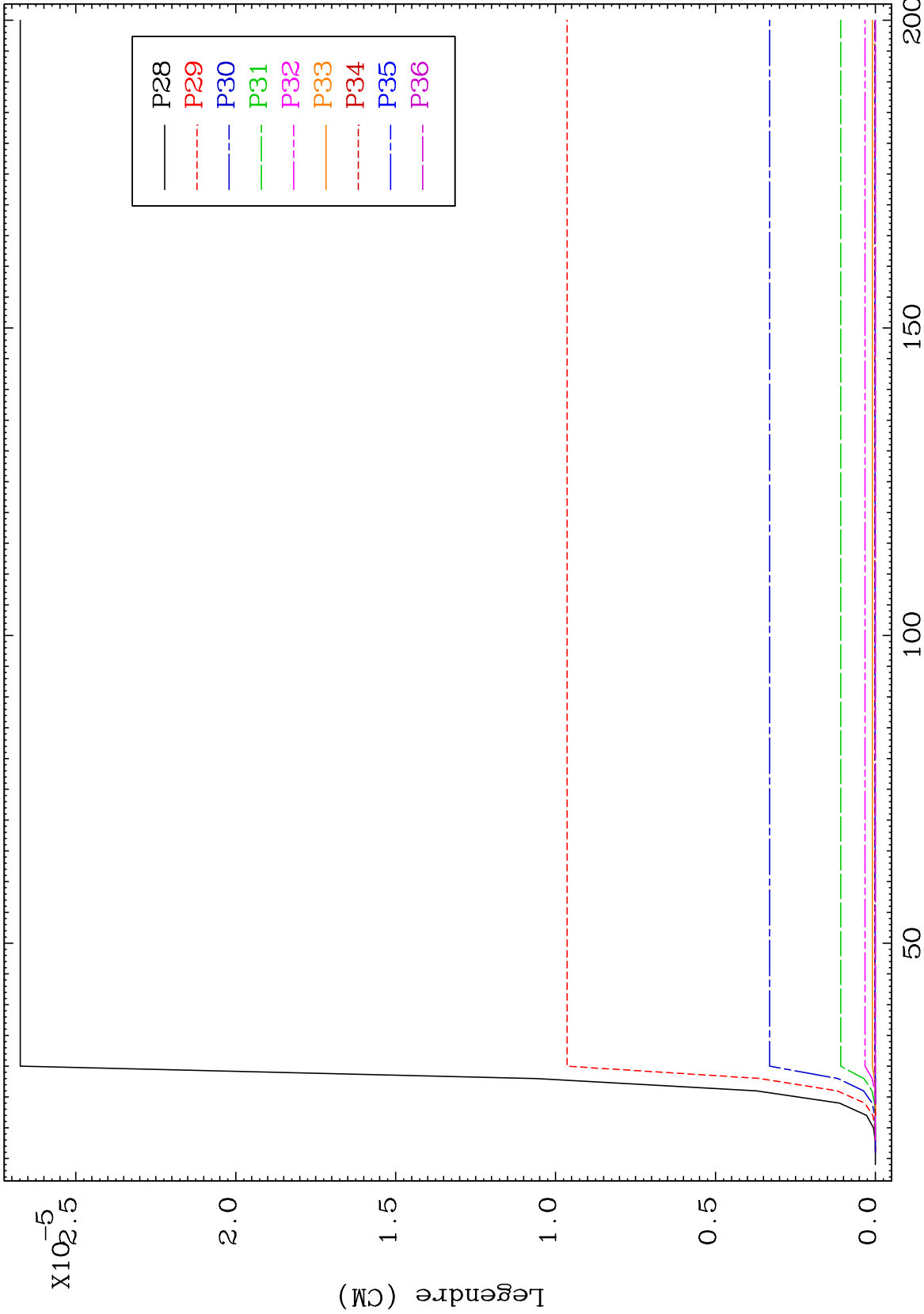
73-Ta-173



MAT 7304

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

73-Ta-173



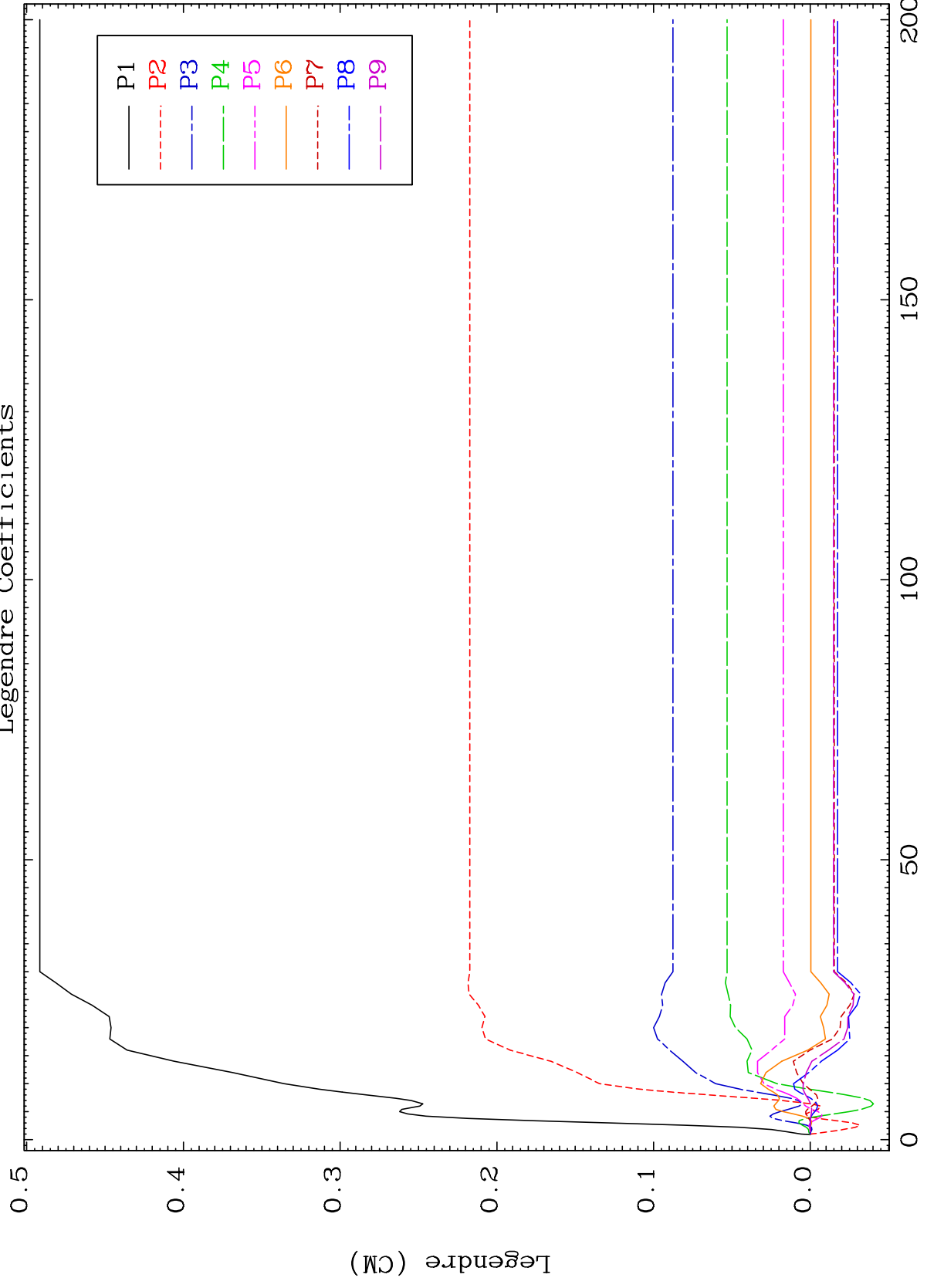
37

73-Ta-173

MAT 7304

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

73-Ta-173



38

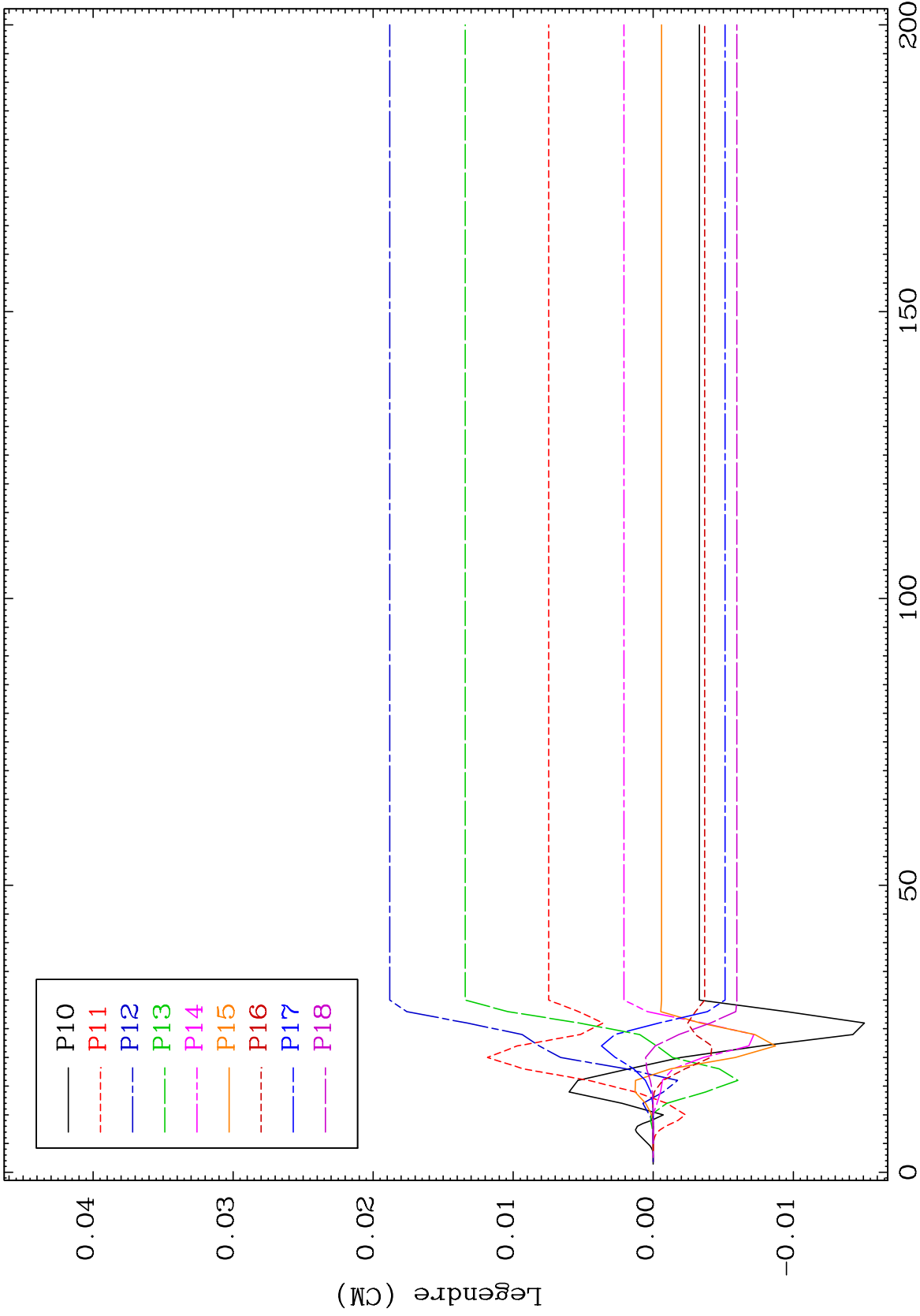
Incident Energy (MeV)

73-Ta-173

MAT 7304

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

73-Ta-173



39

Incident Energy (MeV)

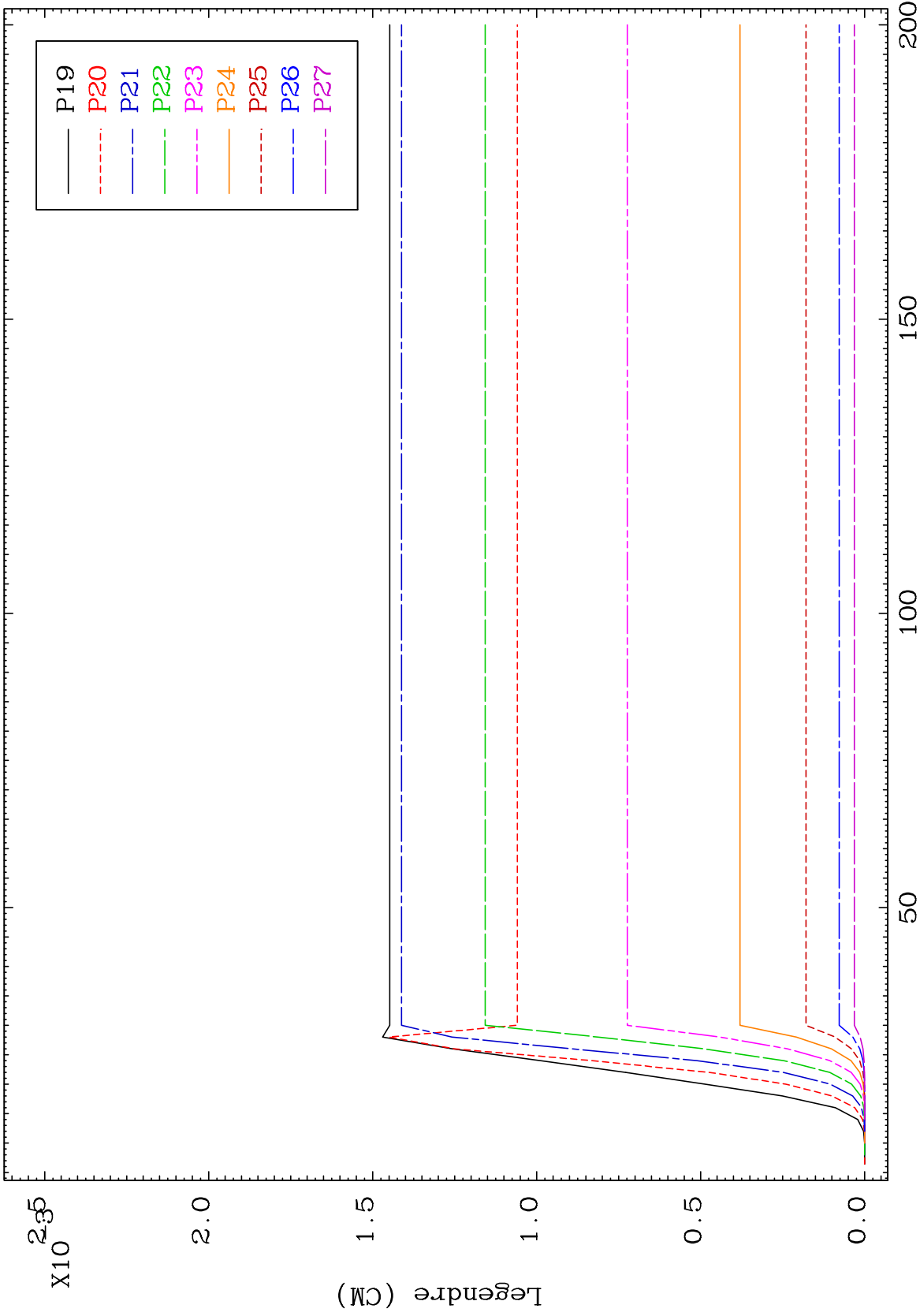
73-Ta-173



MAT 7304

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

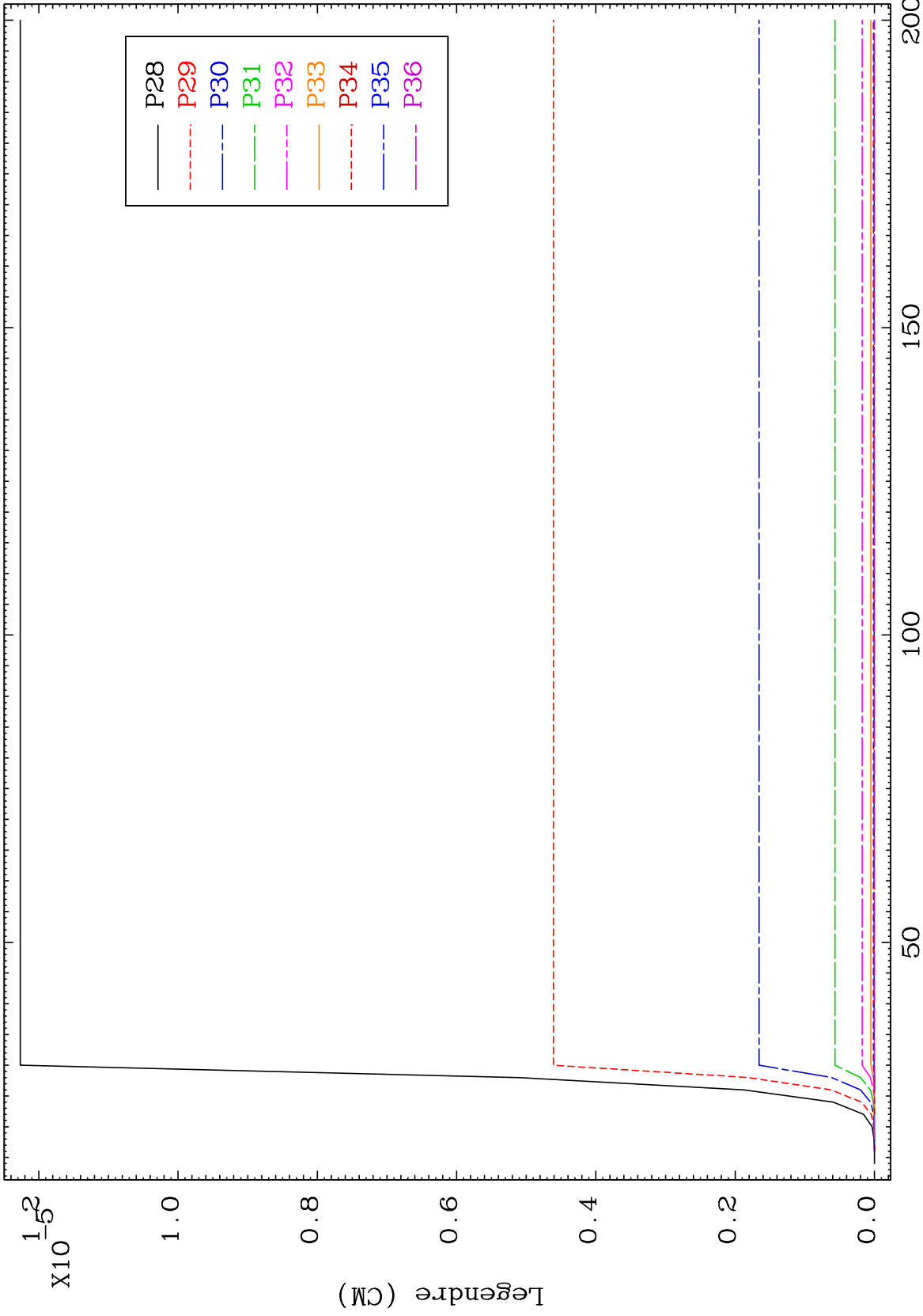
73-Ta-173



MAT 7304

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

73-Ta-173



41

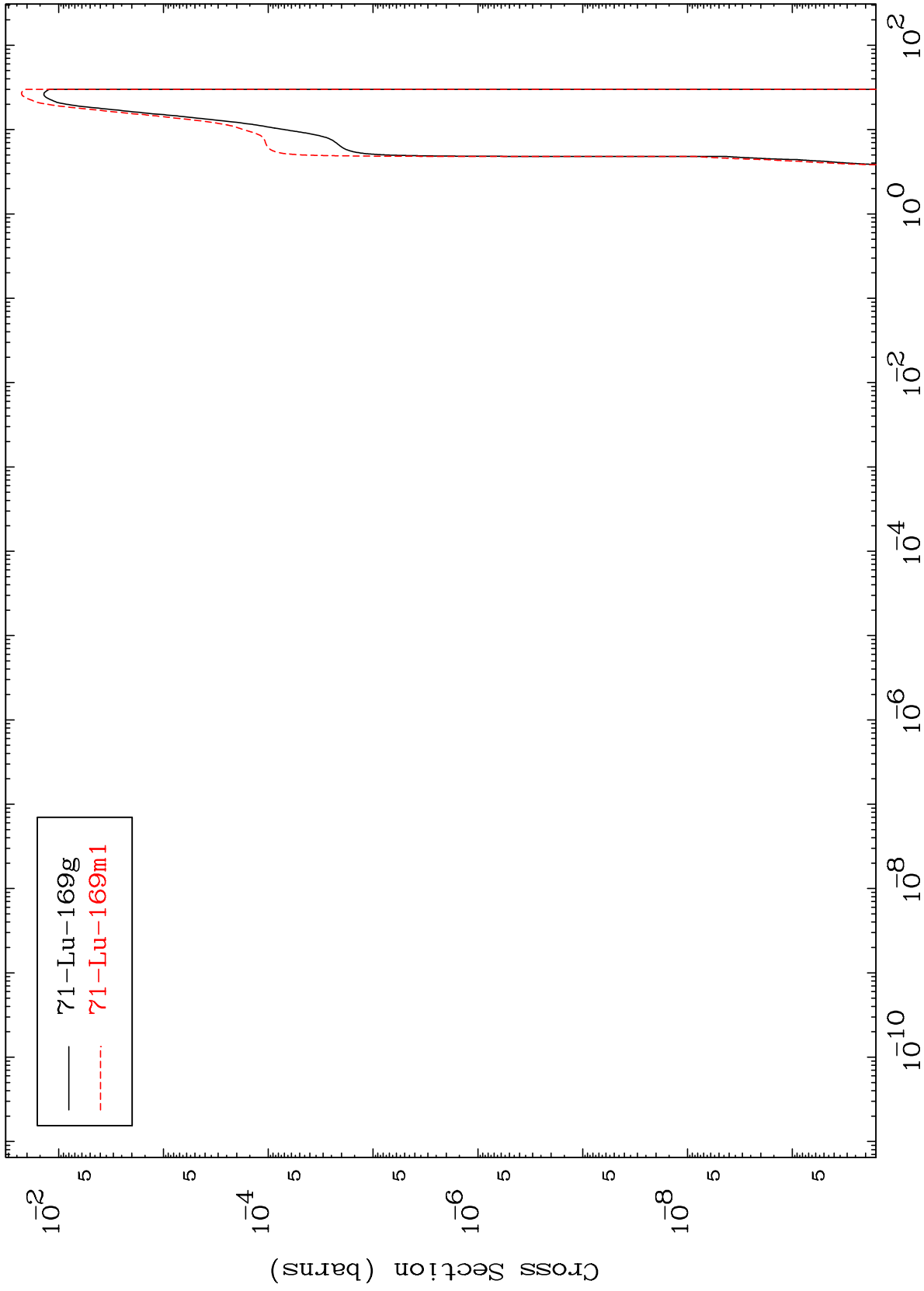
73-Ta-173

MAT 7304

(n,n')  $\alpha$

73-Ta-173

Radionuclide Production Cross Section

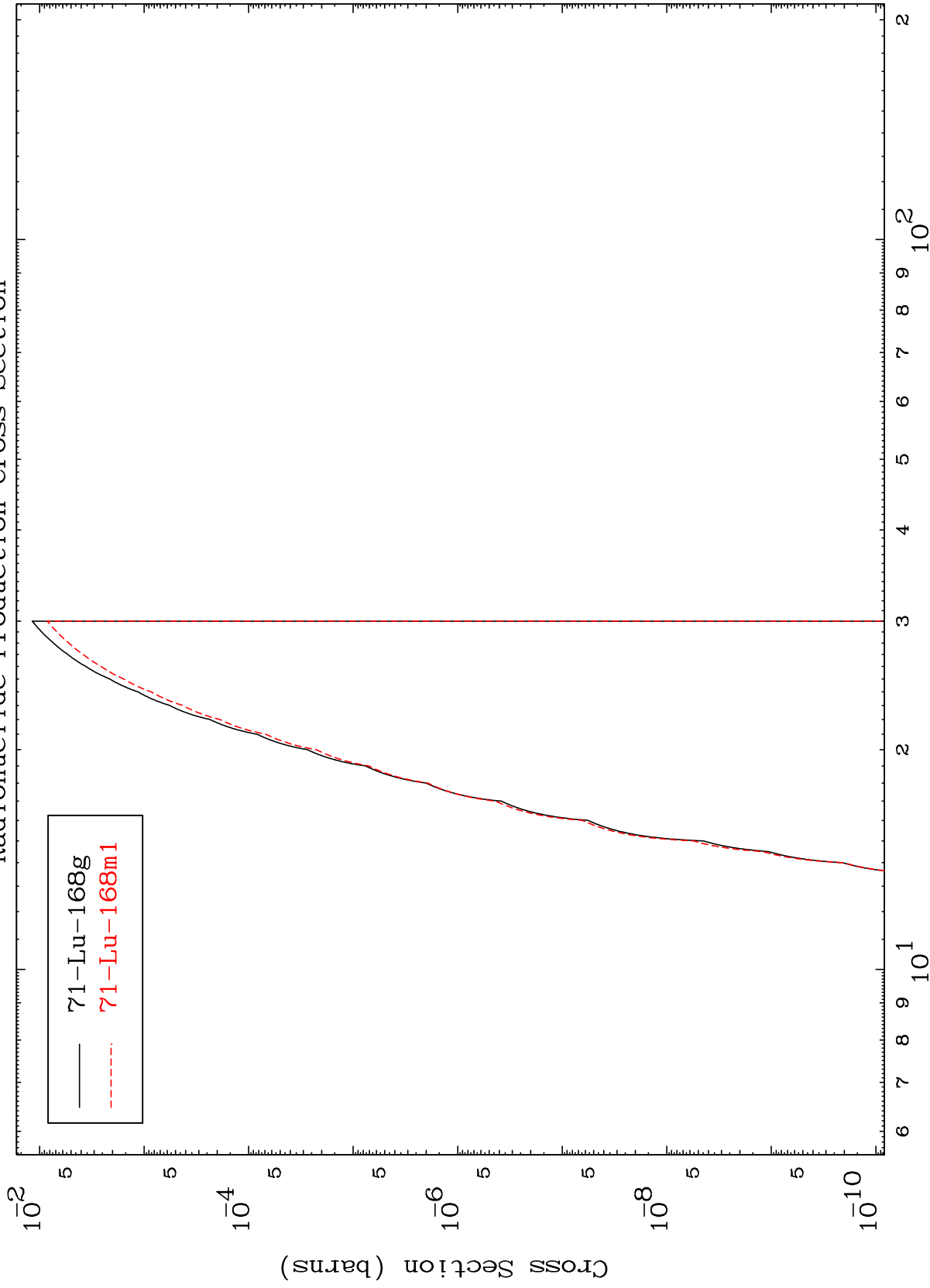


MAT 7304

$(n, 2n) \alpha$

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

Radionuclide Production Cross Section



43

Incident Energy (MeV)

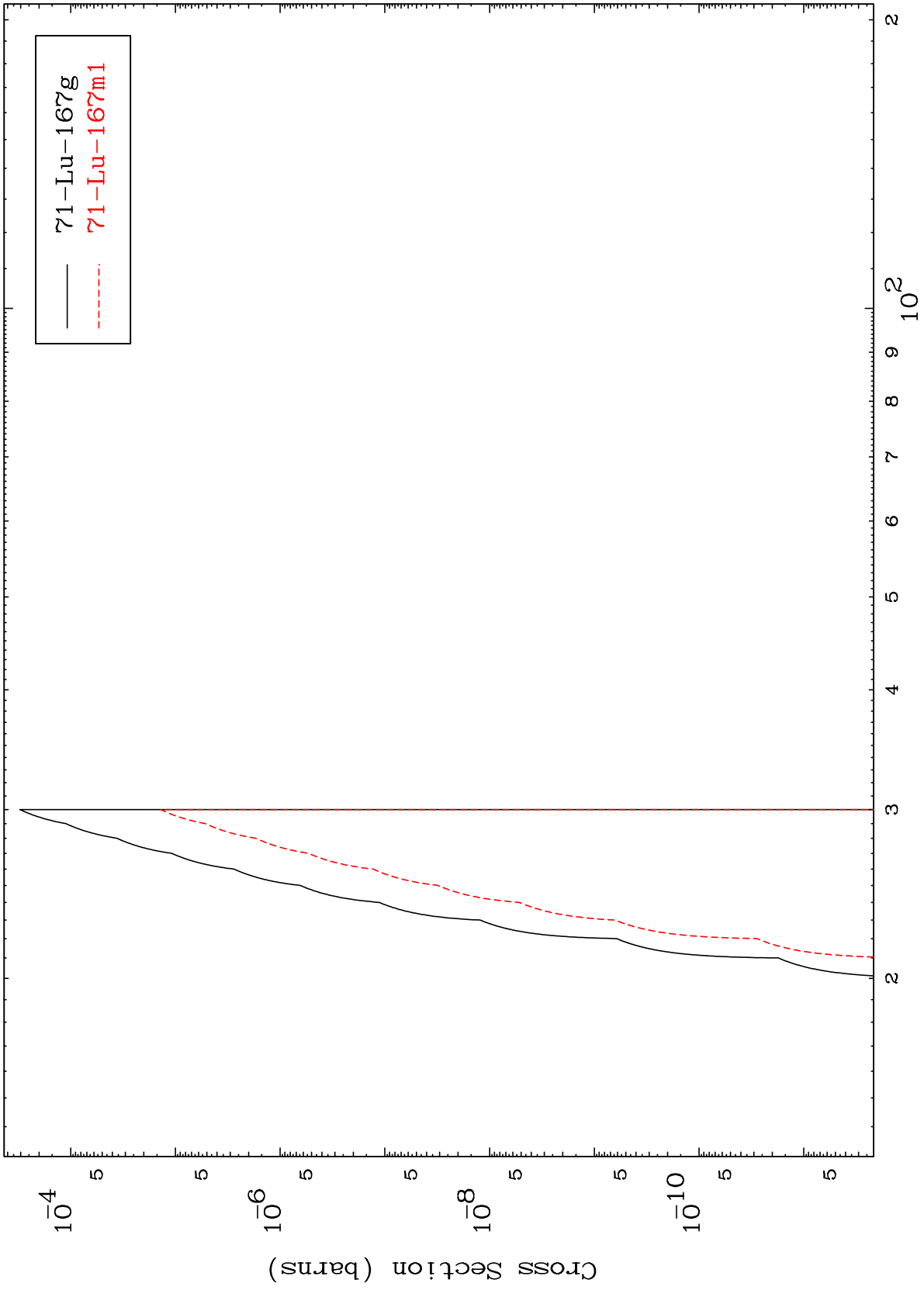
$^{73}\text{Ta-173}$

MAT 7304

(n,3n)  $\alpha$

<sup>73</sup>Ta-173

Radionuclide Production Cross Section

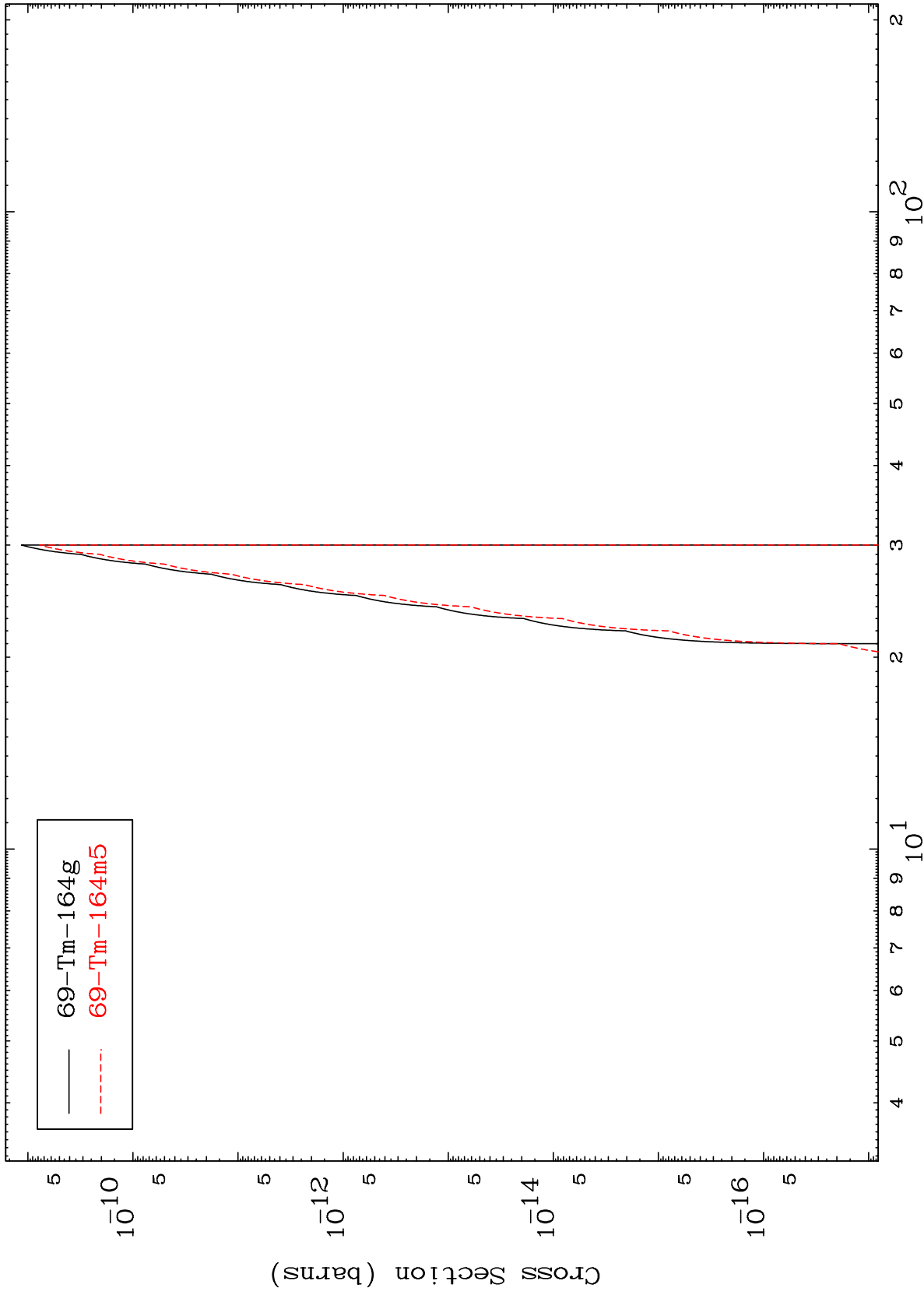


MAT 7304

$(n, 2n) 2\alpha$

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

Radionuclide Production Cross Section



45

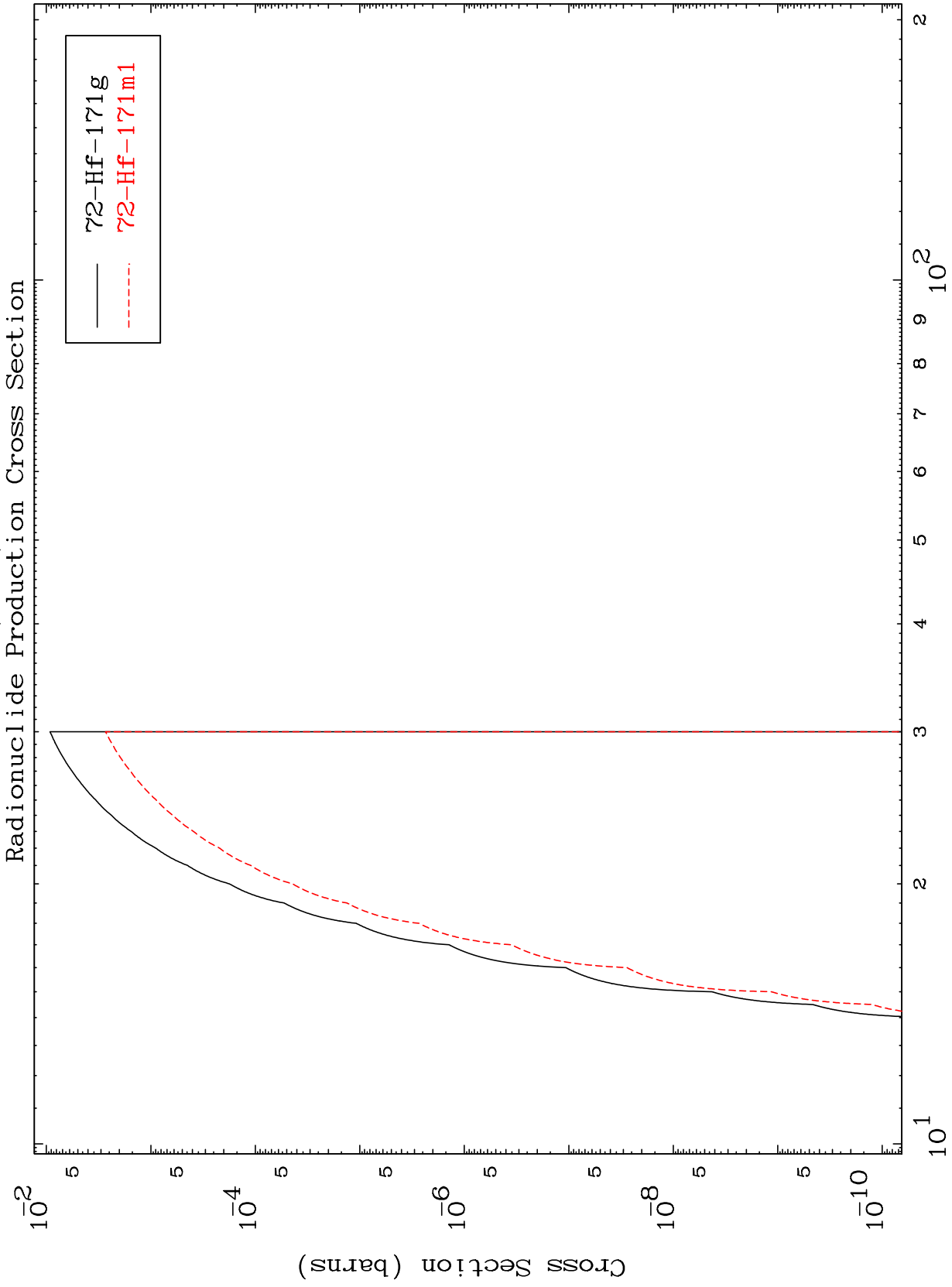
Incident Energy (MeV)

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

MAT 7304

(n,n') d

<sup>73</sup>Ta-173



46

Incident Energy (MeV)

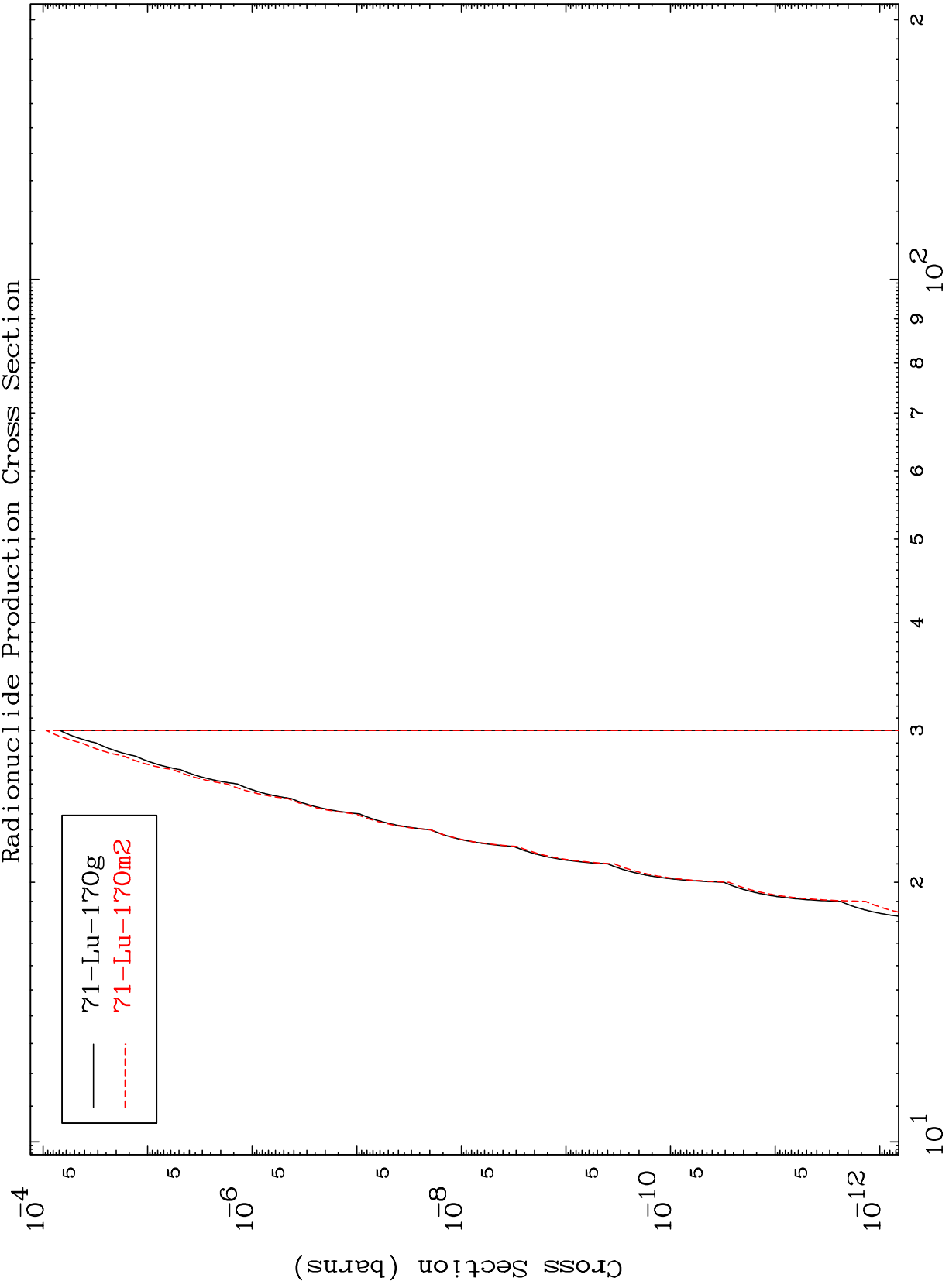
<sup>73</sup>Ta-173

MAT 7304

(n, n') He-3

73-Ta-173

Radionuclide Production Cross Section



47

Incident Energy (MeV)

73-Ta-173

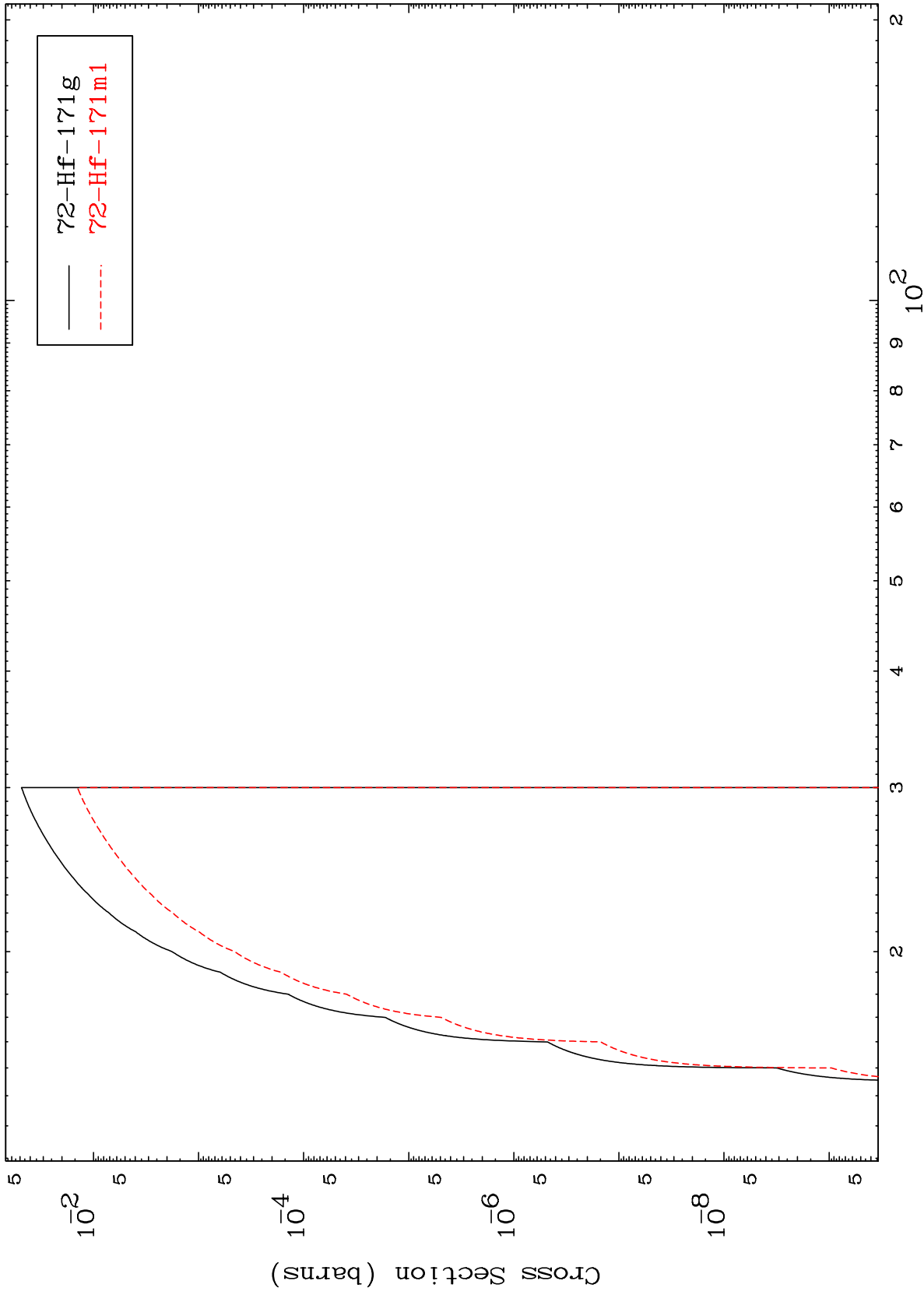


MAT 7304

(n,2n) p

<sup>73</sup>Ta-173

Radionuclide Production Cross Section



48

Incident Energy (MeV)

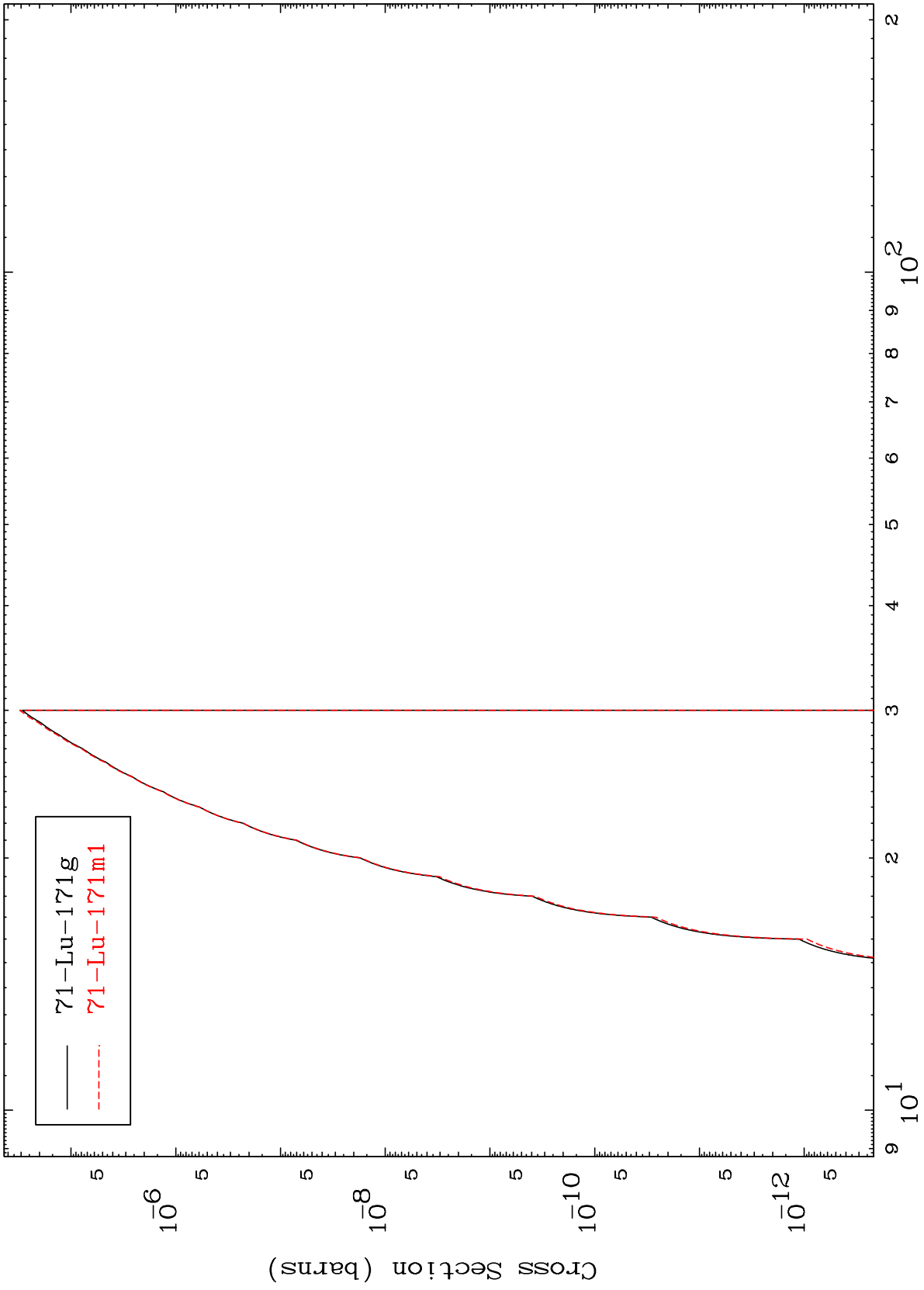
<sup>73</sup>Ta-173

MAT 7304

(n,2n) p

<sup>73</sup>Ta-173

Radionuclide Production Cross Section



49

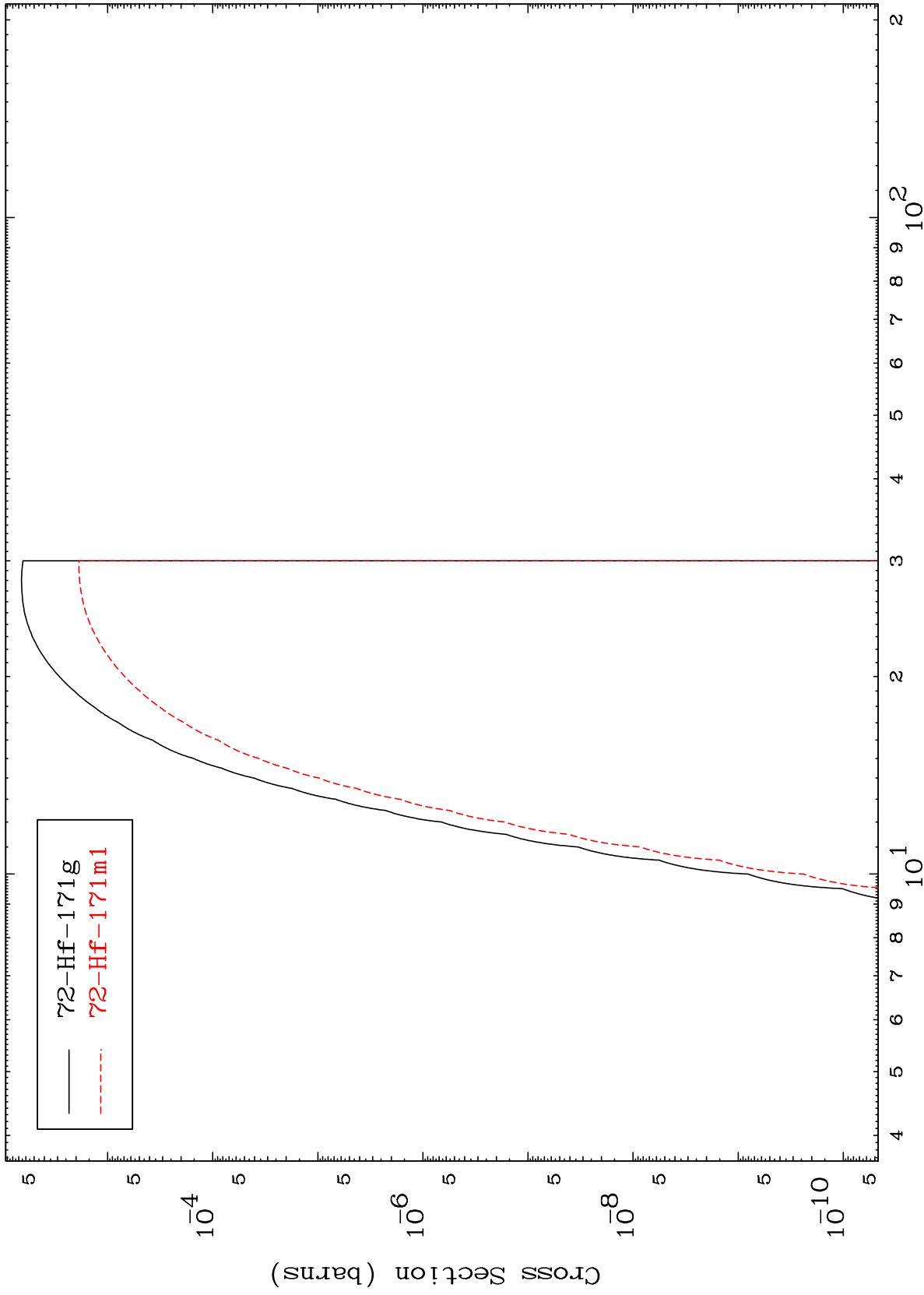
Incident Energy (MeV)

<sup>73</sup>Ta-173

MAT 7304

(n, t)  
Radionuclide Production Cross Section

<sup>73</sup>Ta-173



50

Incident Energy (MeV)

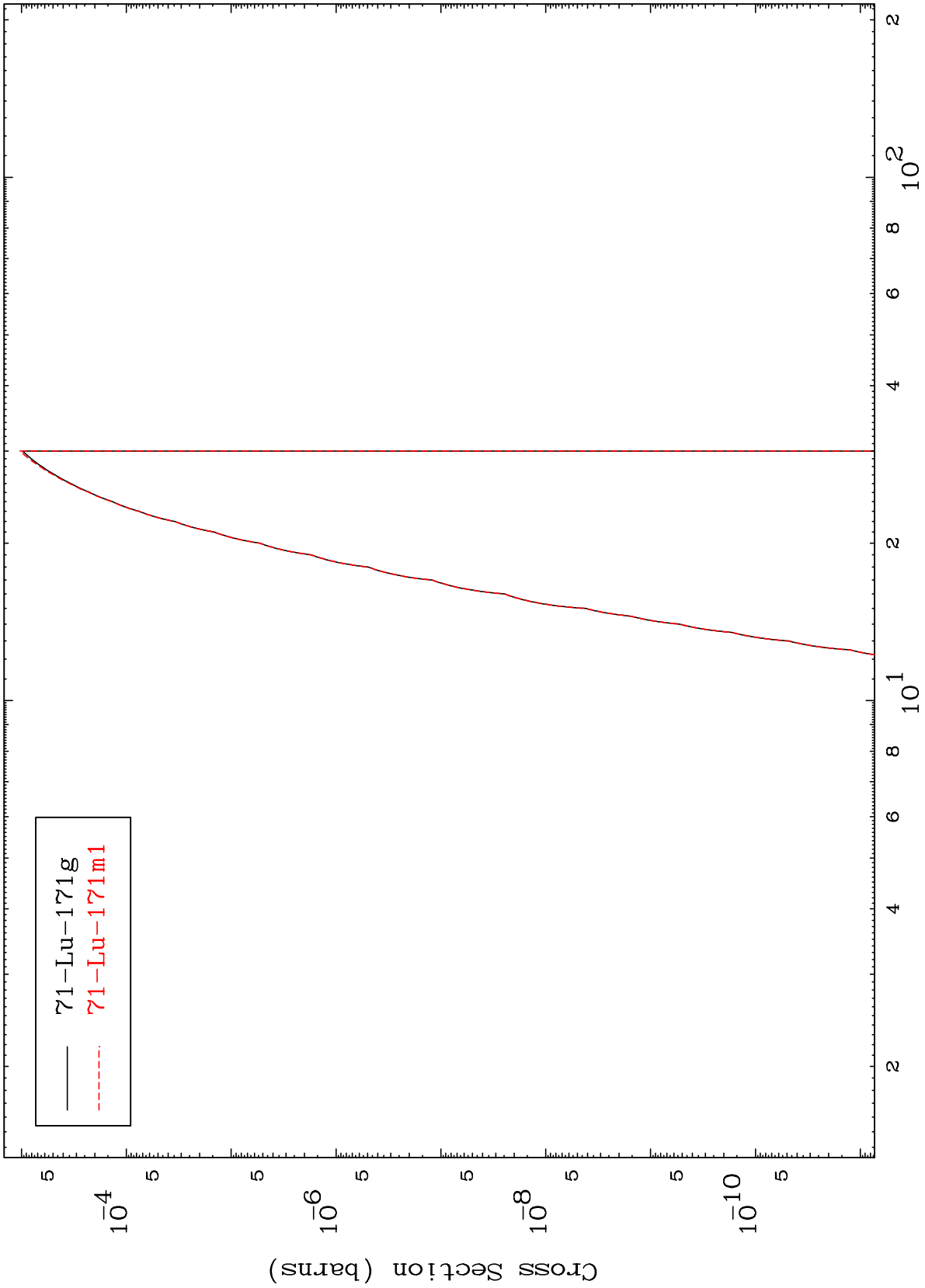
<sup>73</sup>Ta-173

MAT 7304

(n, He-3)

<sup>73</sup>Ta-173

Radionuclide Production Cross Section



51

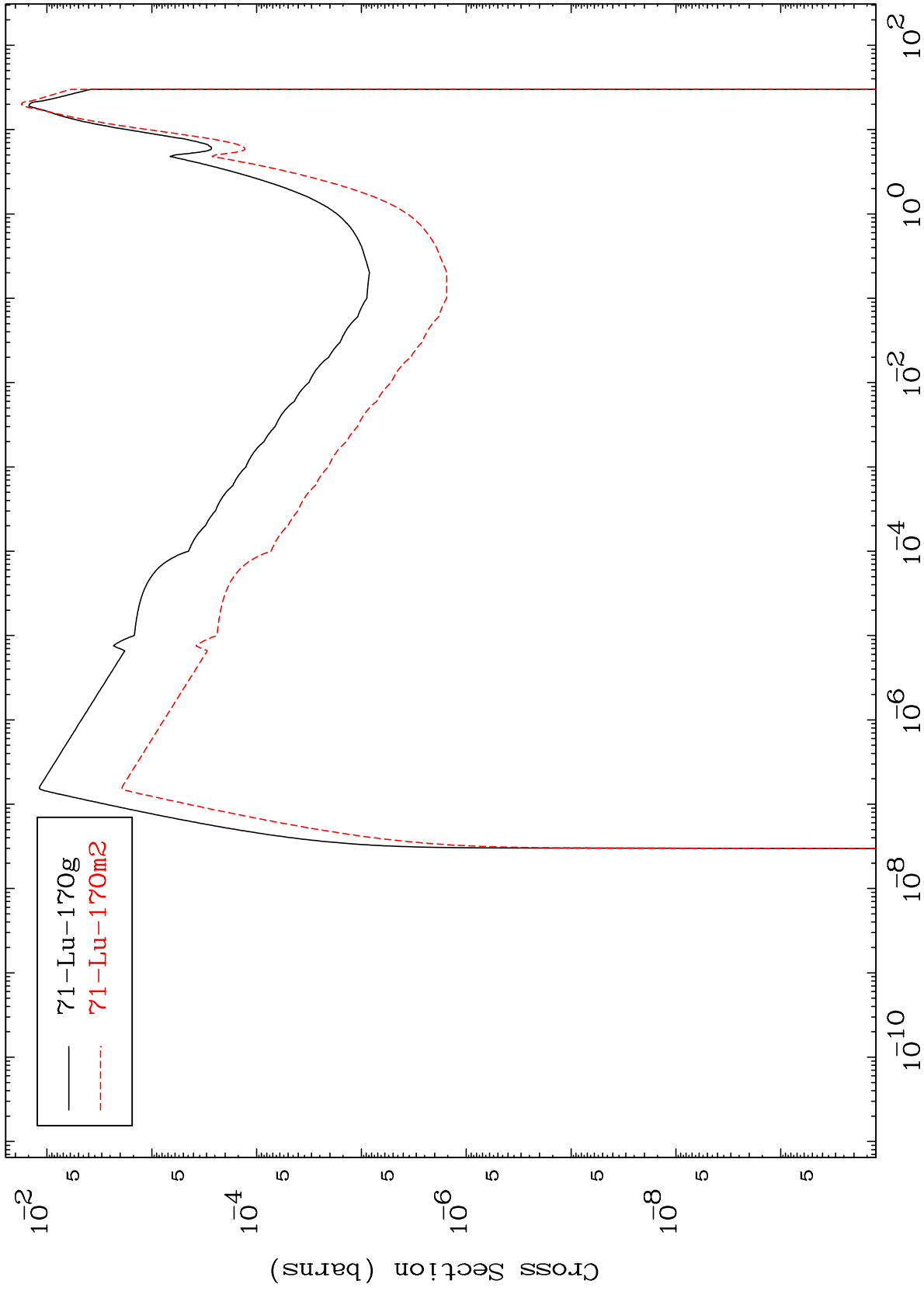
Incident Energy (MeV)

<sup>73</sup>Ta-173

MAT 7304

<sup>73</sup>Ta-173

Radionuclide Production Cross Section (n,α)



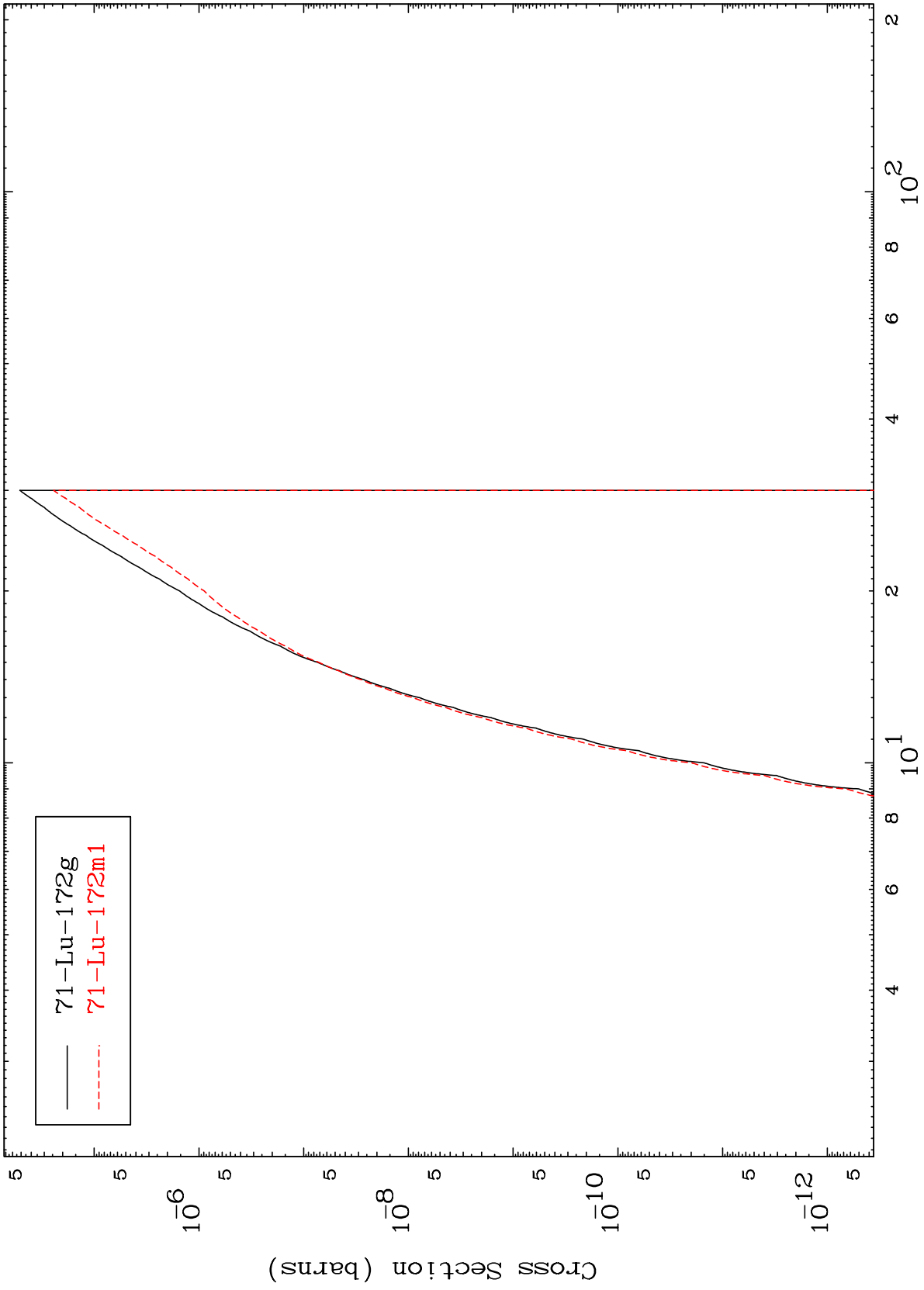
52

<sup>73</sup>Ta-173

MAT 7304

Radionuclide Production Cross Section  
(n,2p)

<sup>73</sup>Ta-173



53

Incident Energy (MeV)

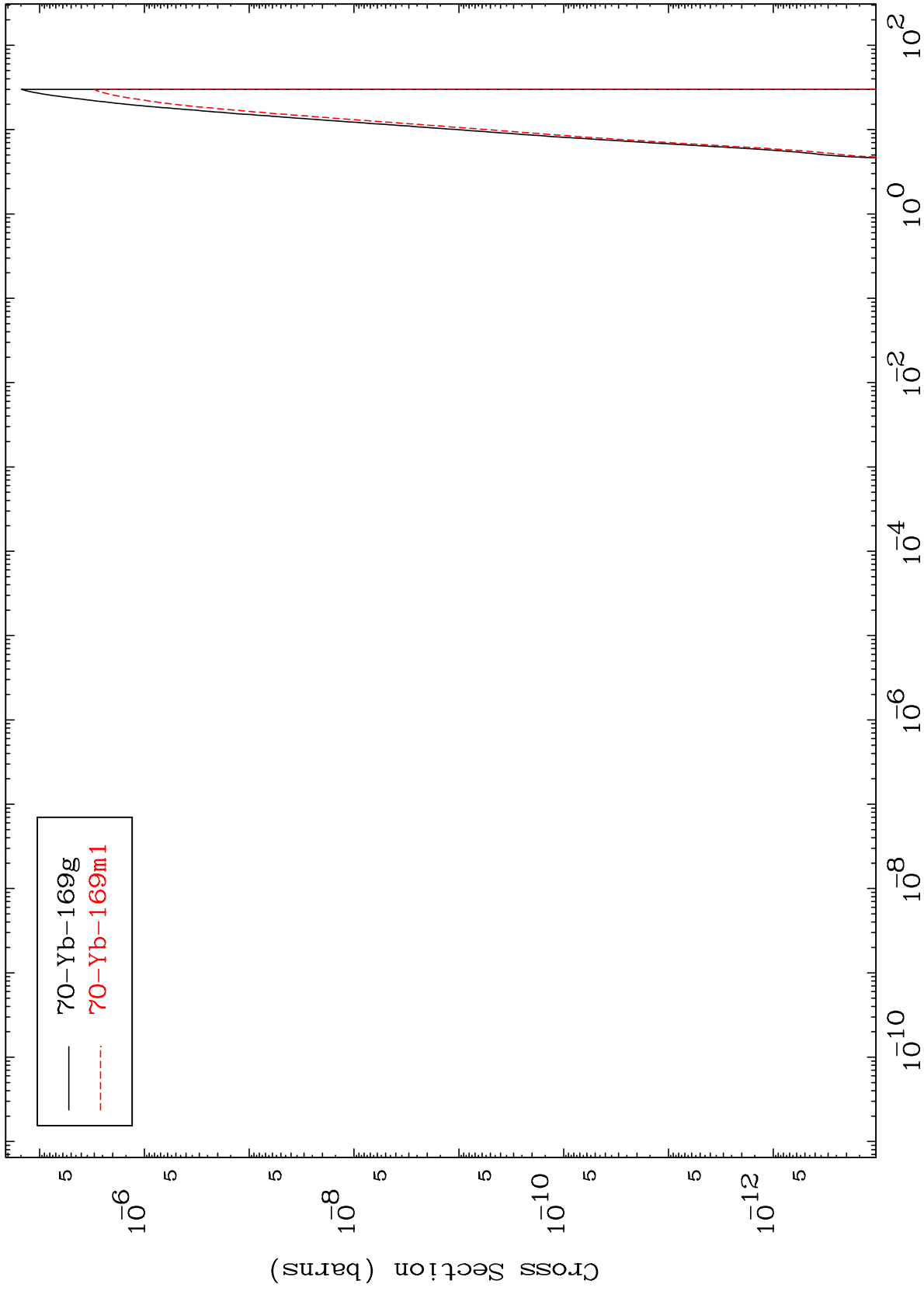
<sup>73</sup>Ta-173

MAT 7304

(n,p)  $\alpha$

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

Radionuclide Production Cross Section



54

Incident Energy (MeV)

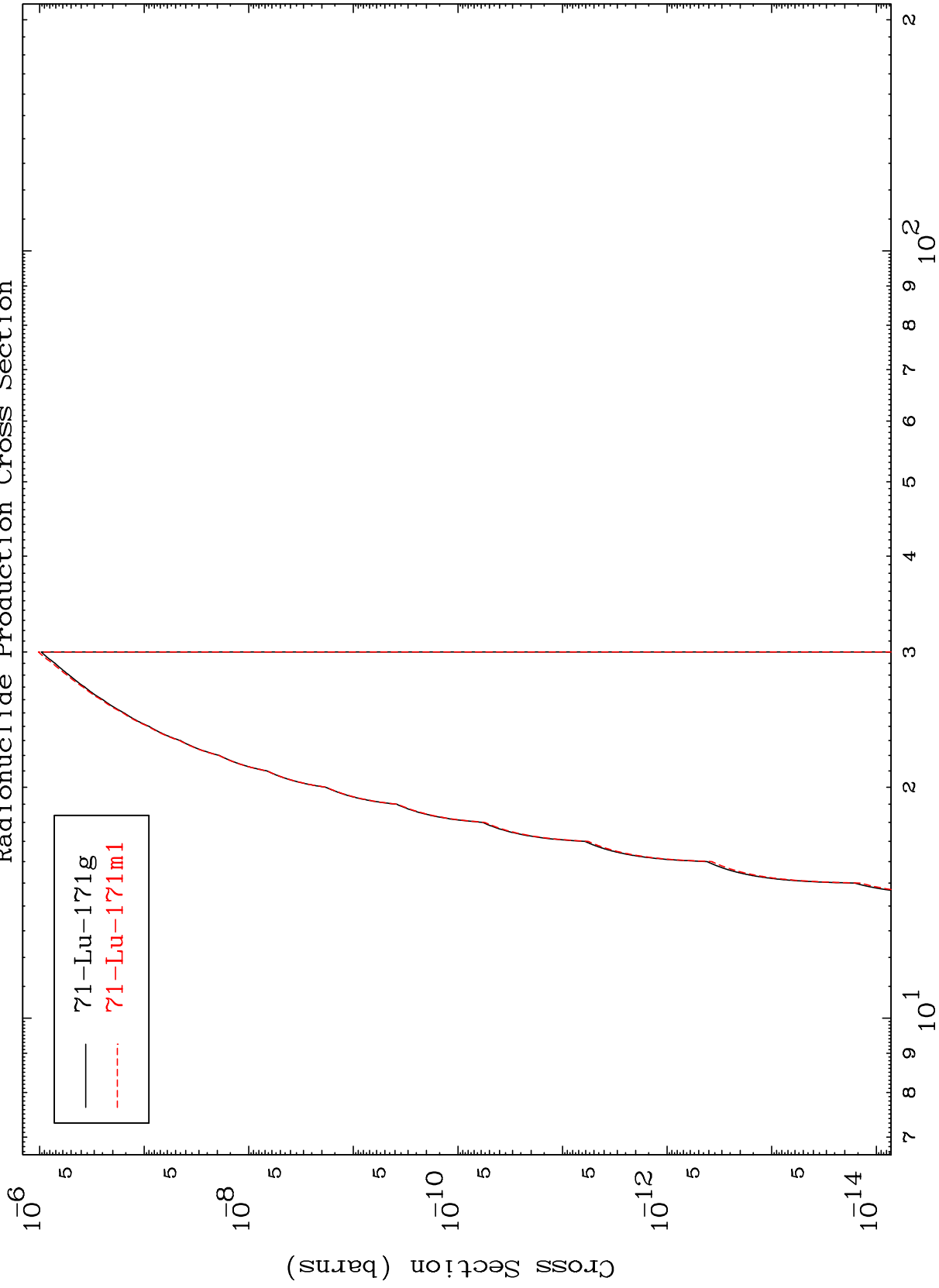
$^{73}\text{Ta-173}$

MAT 7304

(n,p) d

73-Ta-173

Radionuclide Production Cross Section



55

Incident Energy (MeV)

73-Ta-173

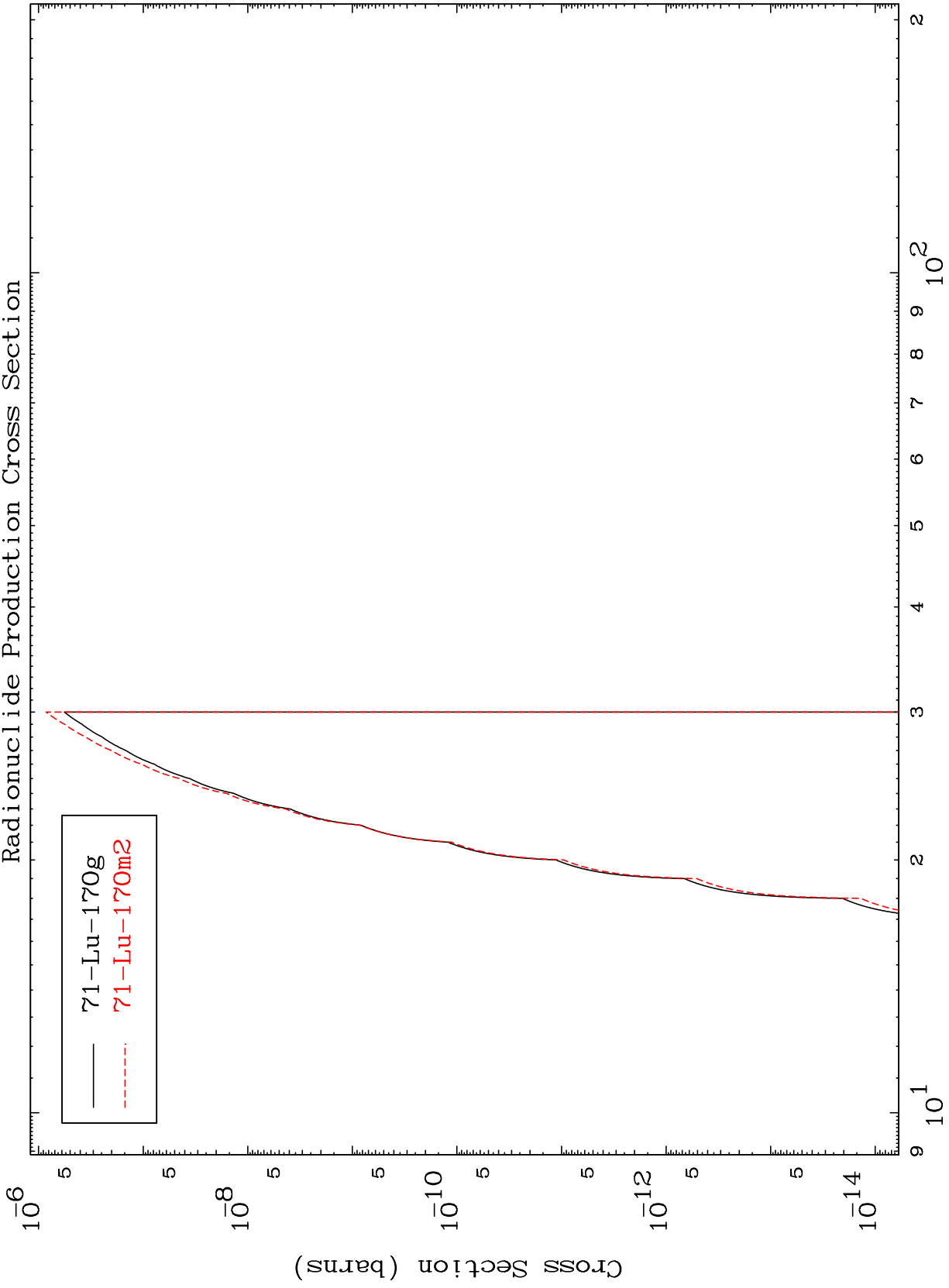


MAT 7304

(n,p) t

<sup>73</sup>Ta-173

Radionuclide Production Cross Section



56

Incident Energy (MeV)

<sup>73</sup>Ta-173