

Program EVALPLOT  
(Version 2018-1)

by

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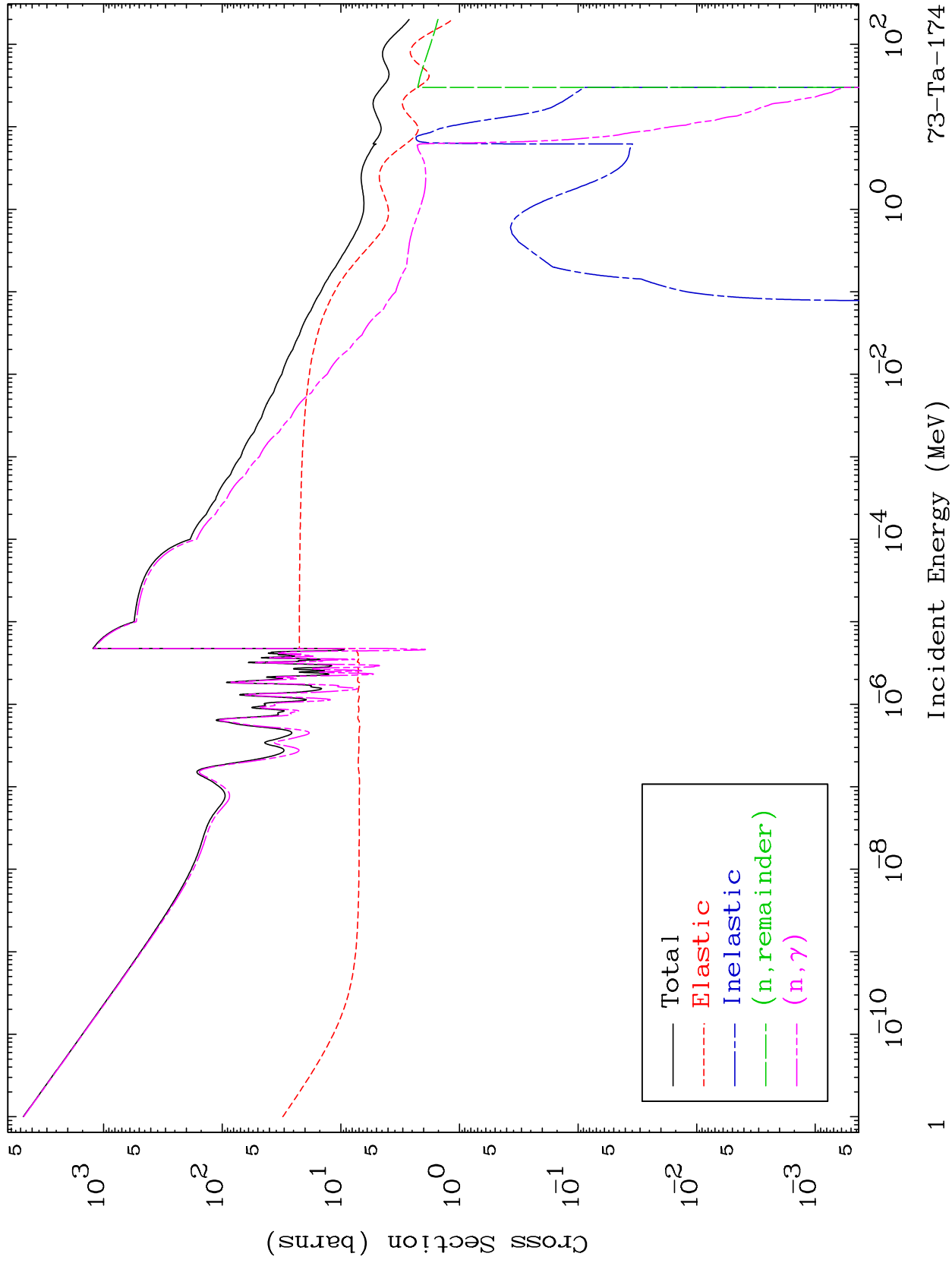
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7307

Major  
293 Kelvin Cross Sections

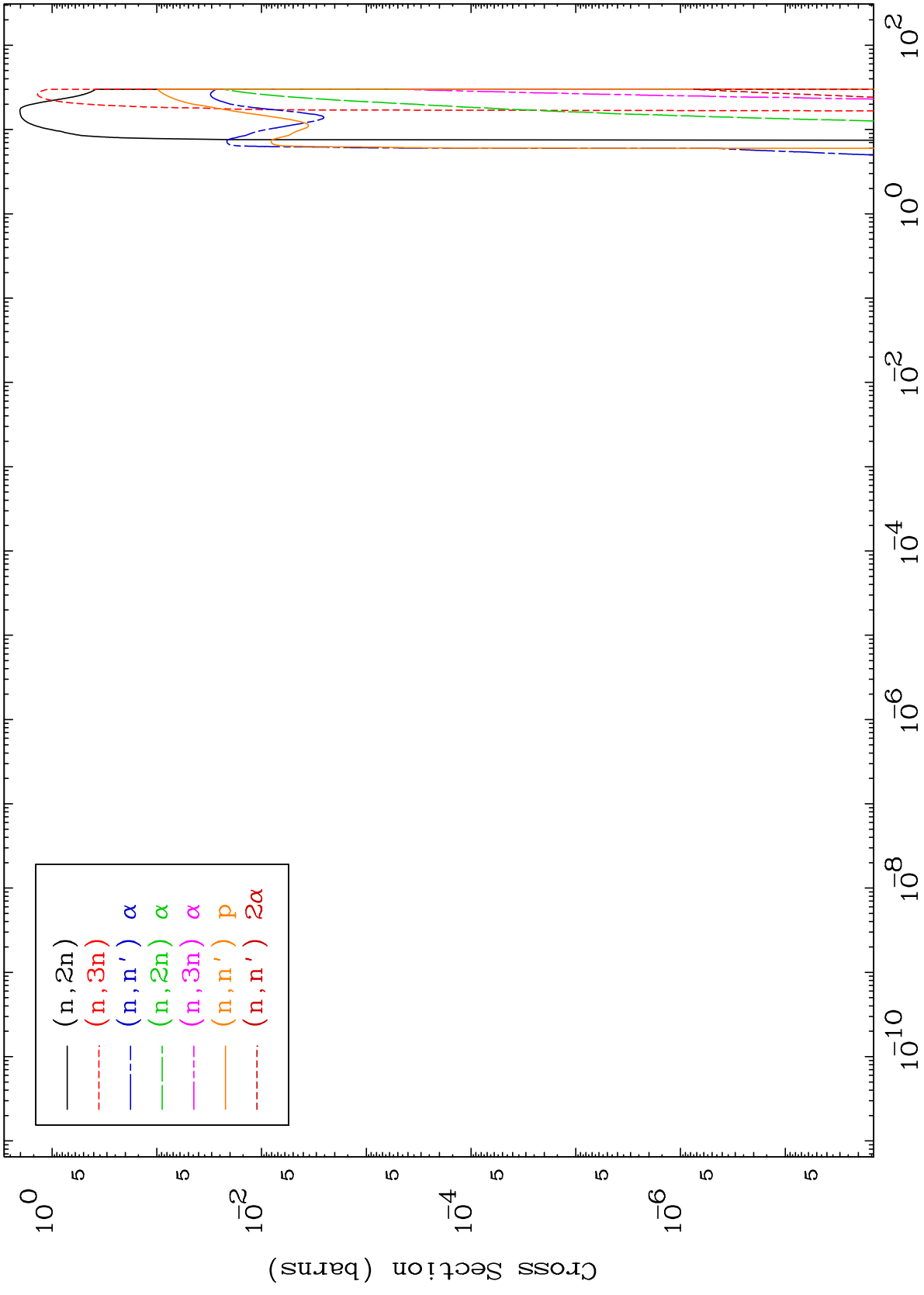
73-Ta-174



MAT 7307

Neutron Production  
293 Kelvin Cross Sections

73-Ta-174

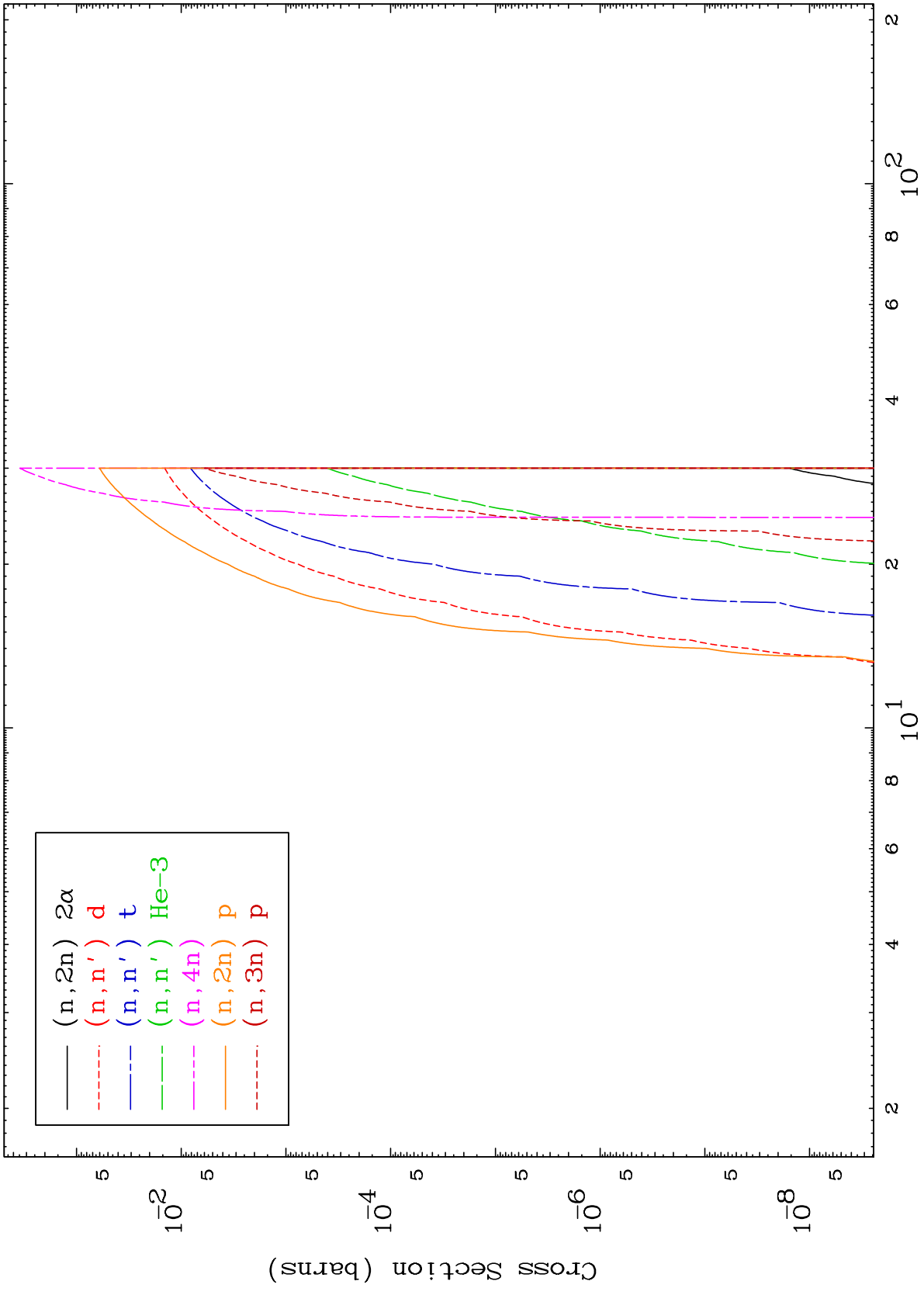


73-Ta-174

MAT 7307

Neutron Production  
293 Kelvin Cross Sections

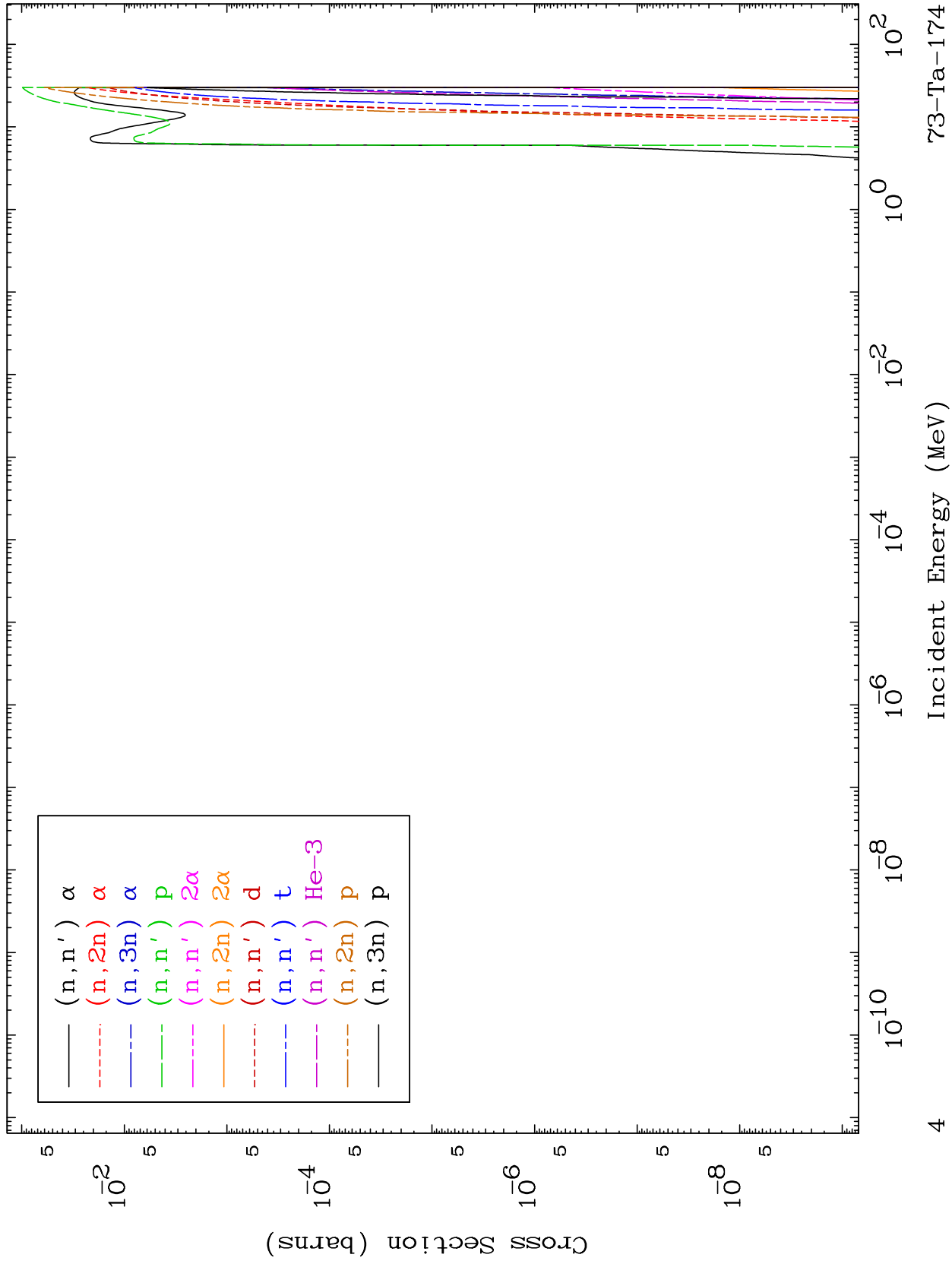
73-Ta-174



MAT 7307

Charged Particle  
293 Kelvin Cross Sections

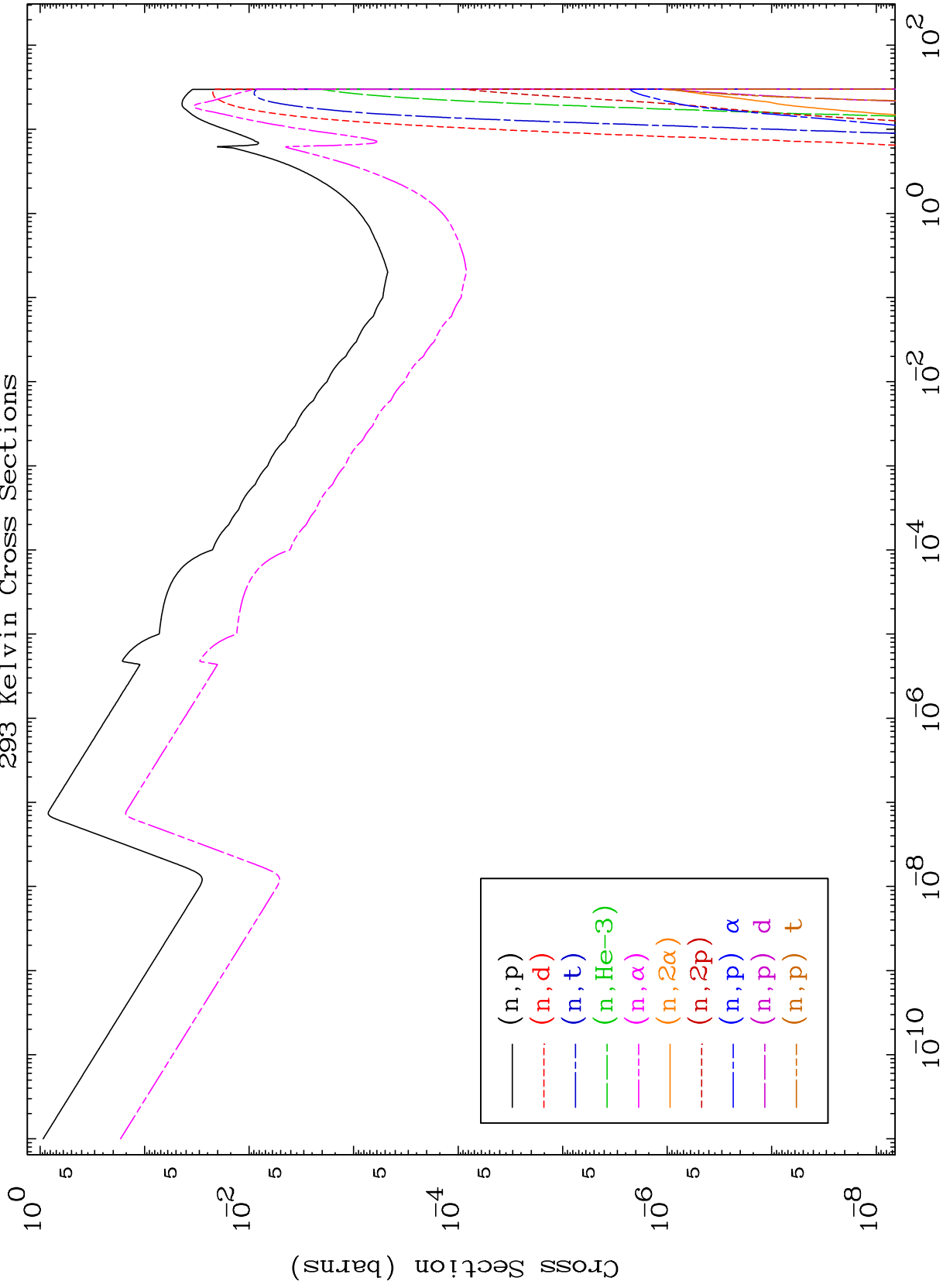
73-Ta-174



MAT 7307

293 Kelvin Cross Sections

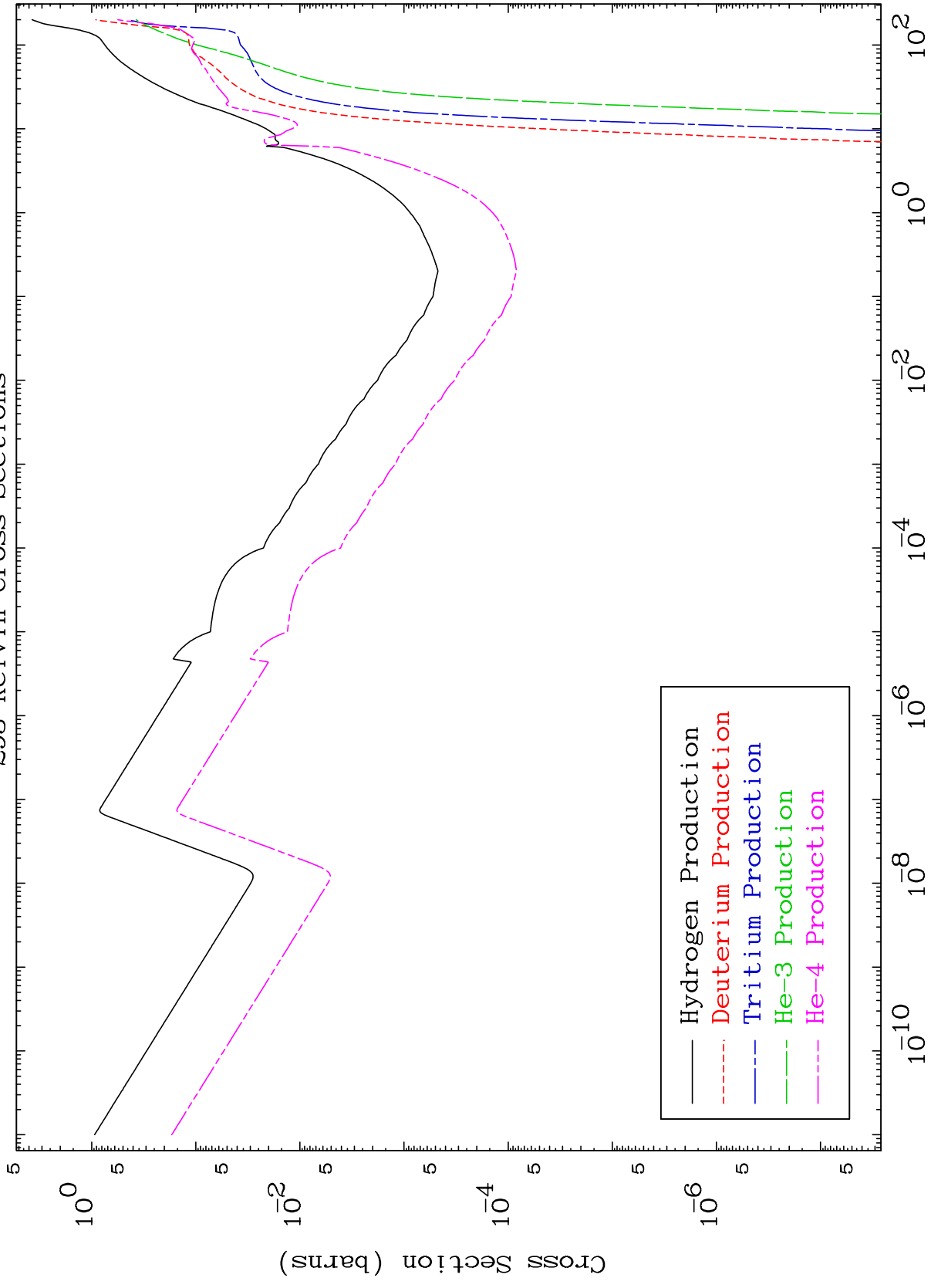
73-Ta-174



MAT 7307

Particle Production  
293 Kelvin Cross Sections

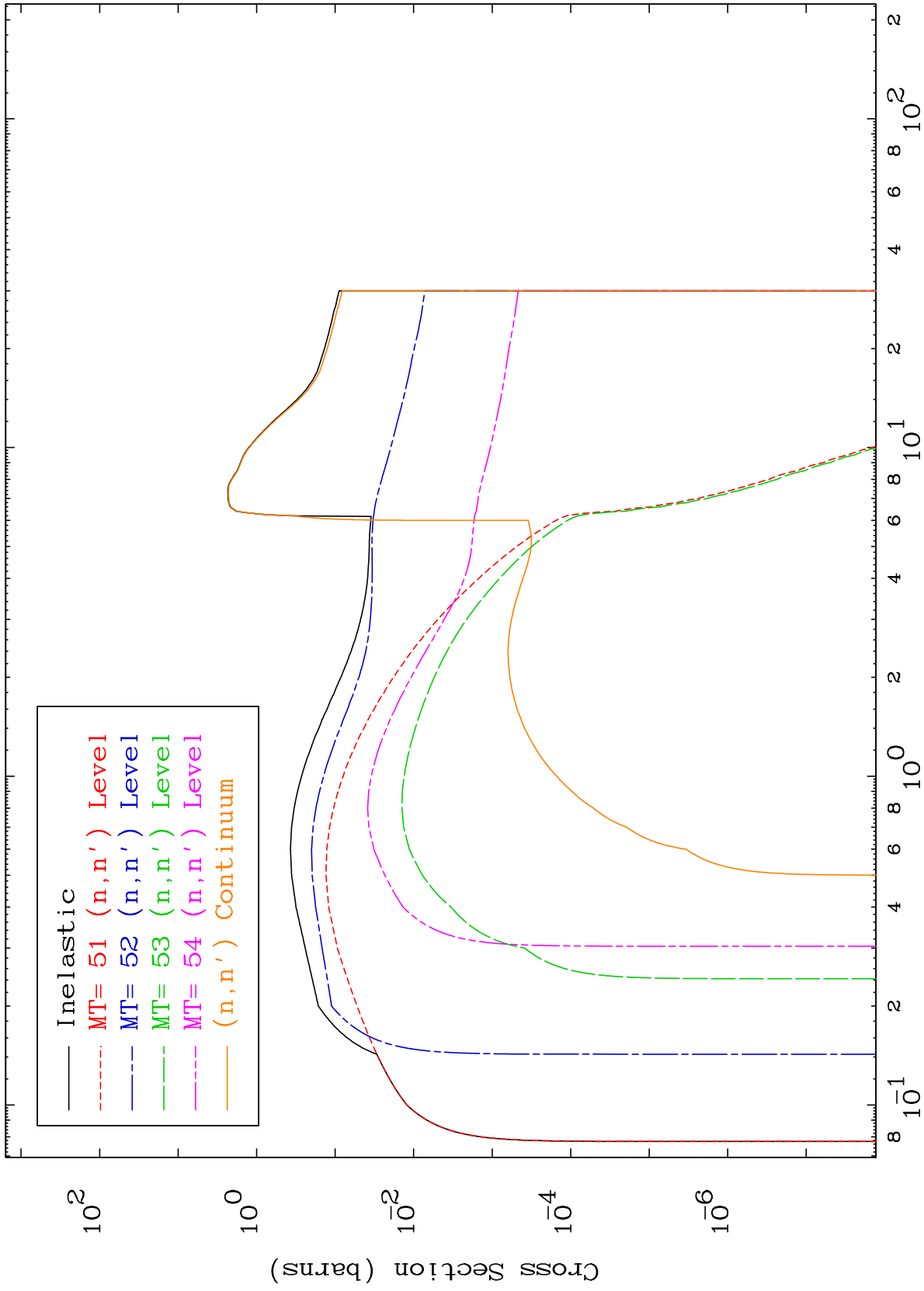
73-Ta-174



MAT 7307

293 Kelvin Cross Sections

73-Ta-174



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Incident Energy (MeV)

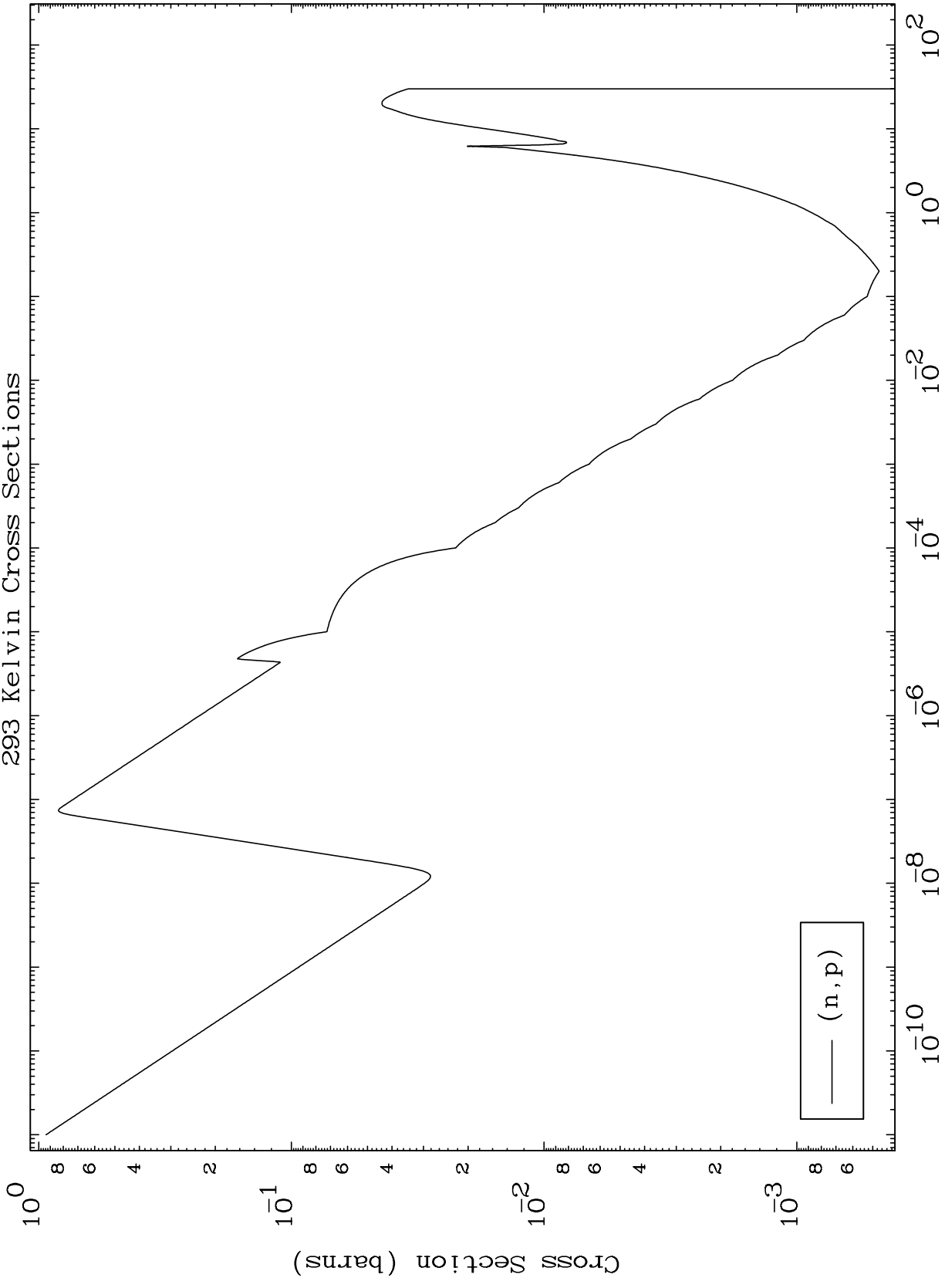
73-Ta-174



MAT 7307

(n,p) Levels  
293 Kelvin Cross Sections

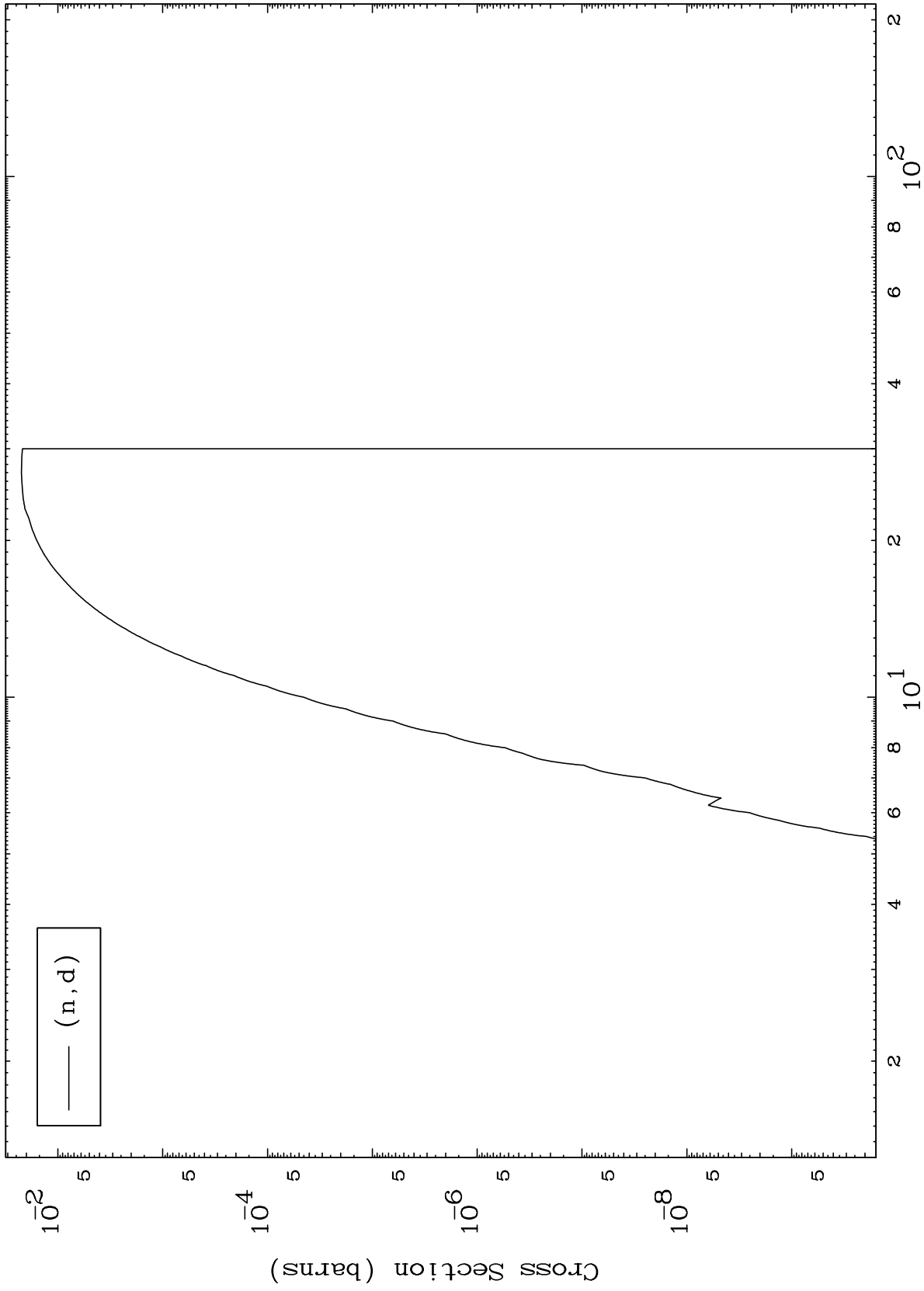
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MAT 7307

(n,d) Levels  
293 Kelvin Cross Sections

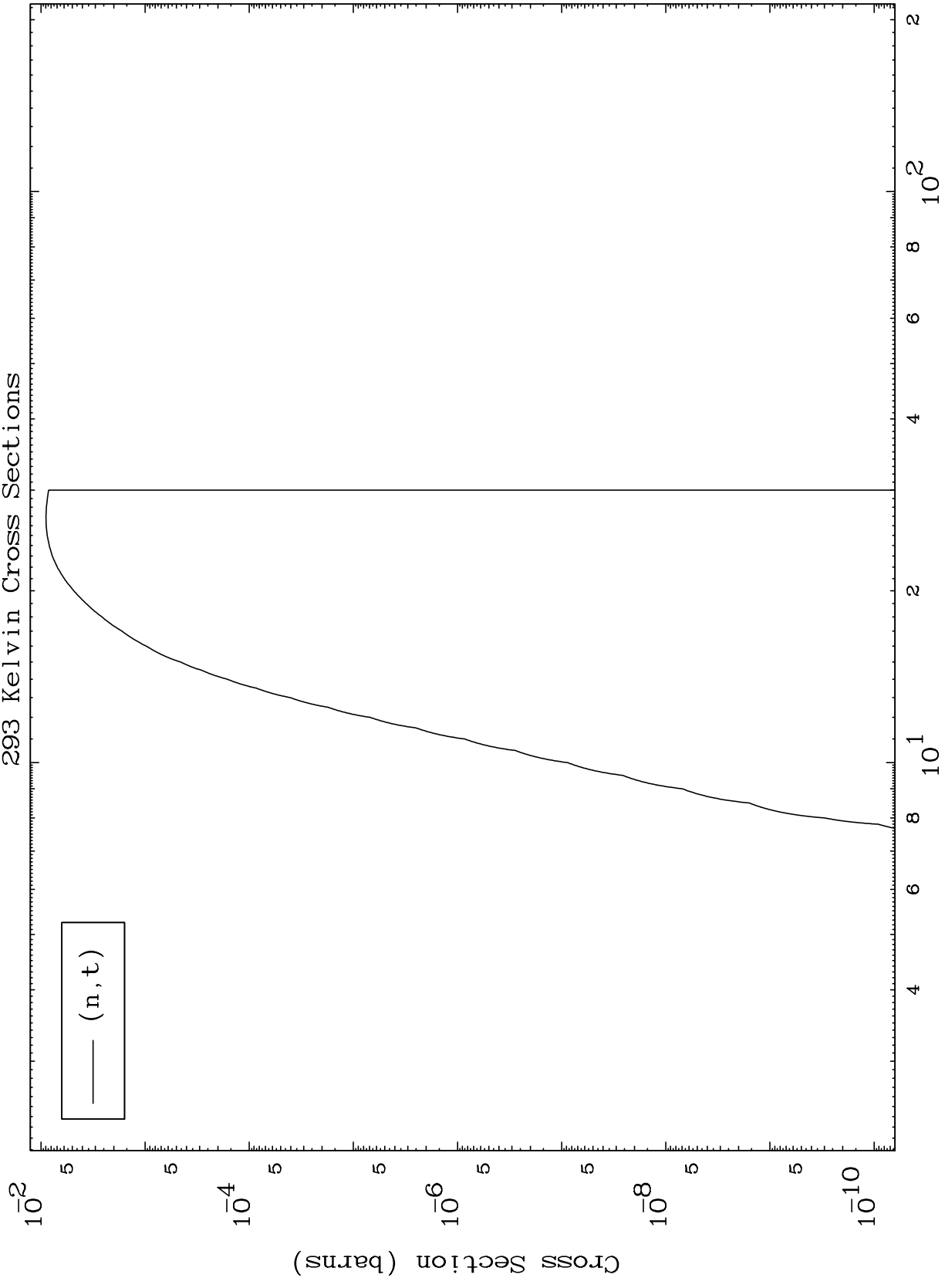
73-Ta-174



MAT 7307

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-174



10

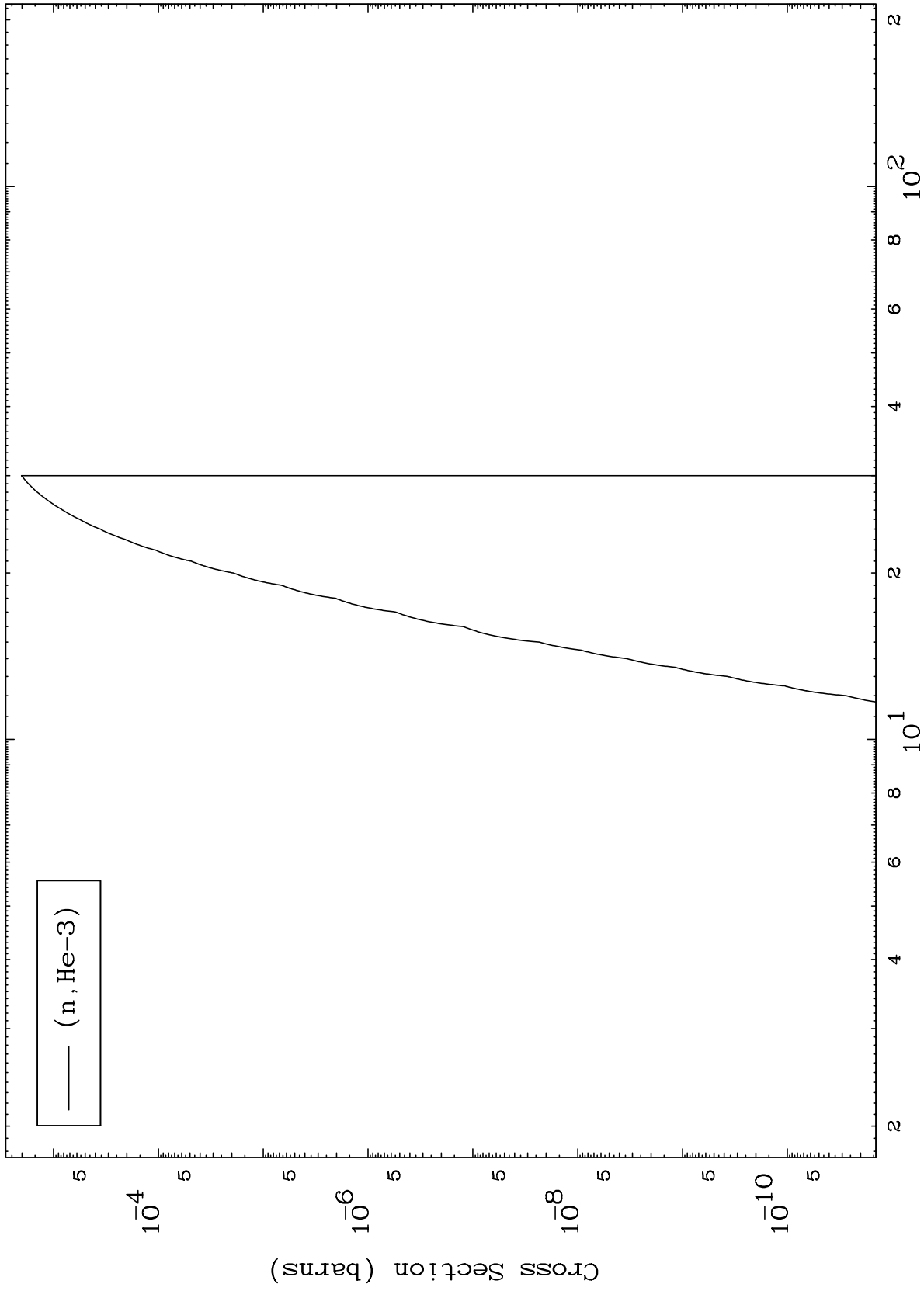
Incident Energy (MeV)

73-Ta-174

MAT 7307

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-174



11

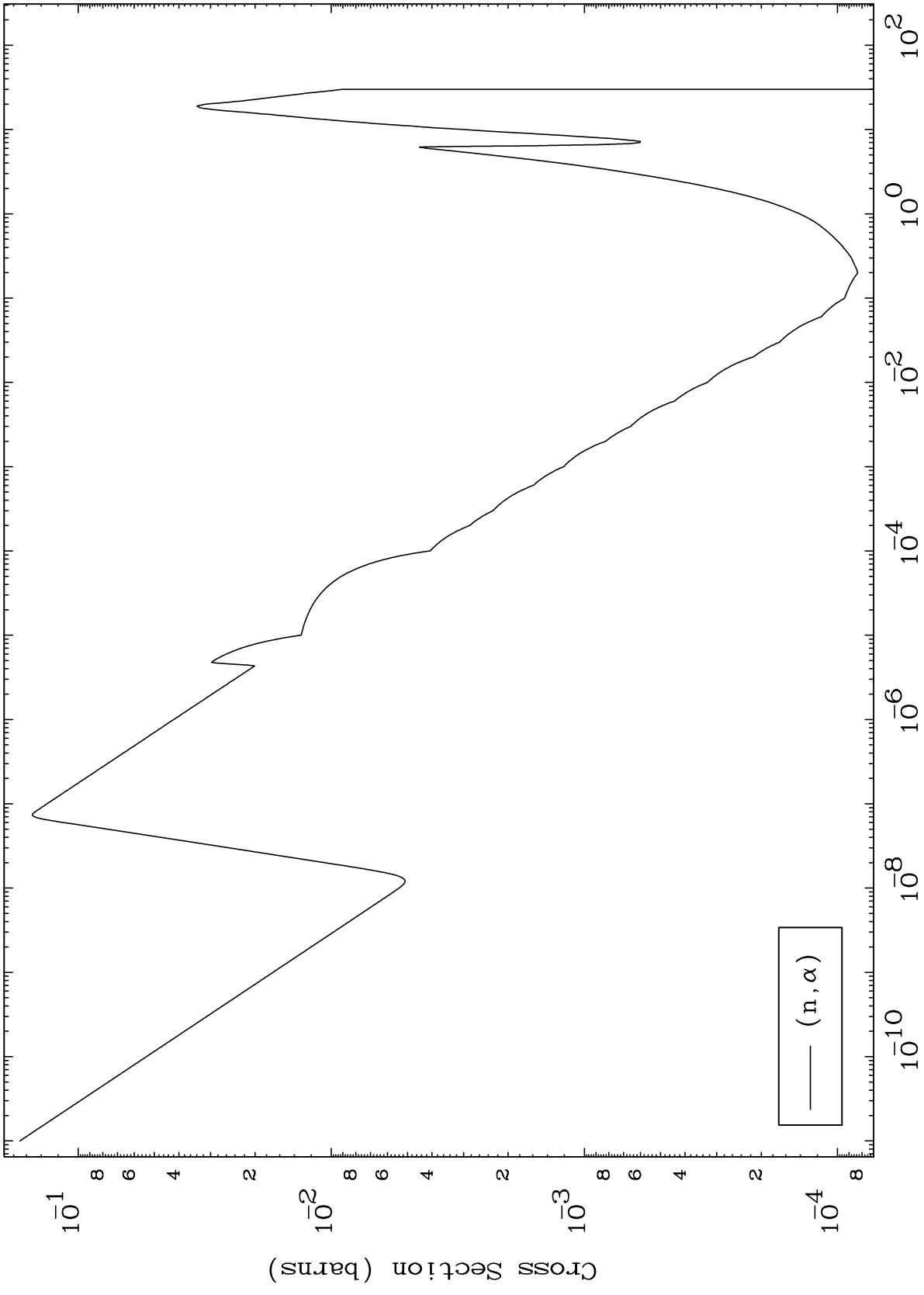
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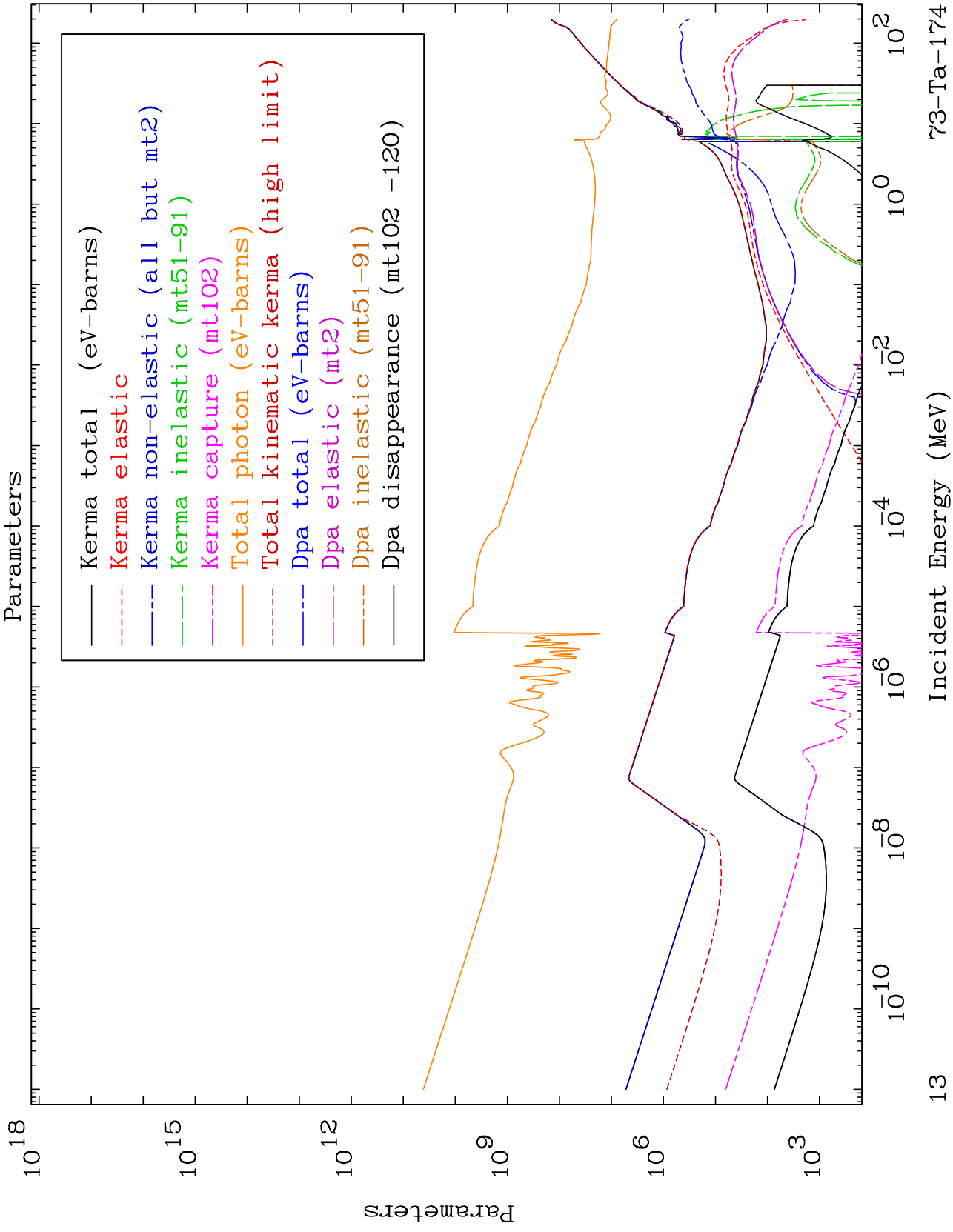
73-Ta-174

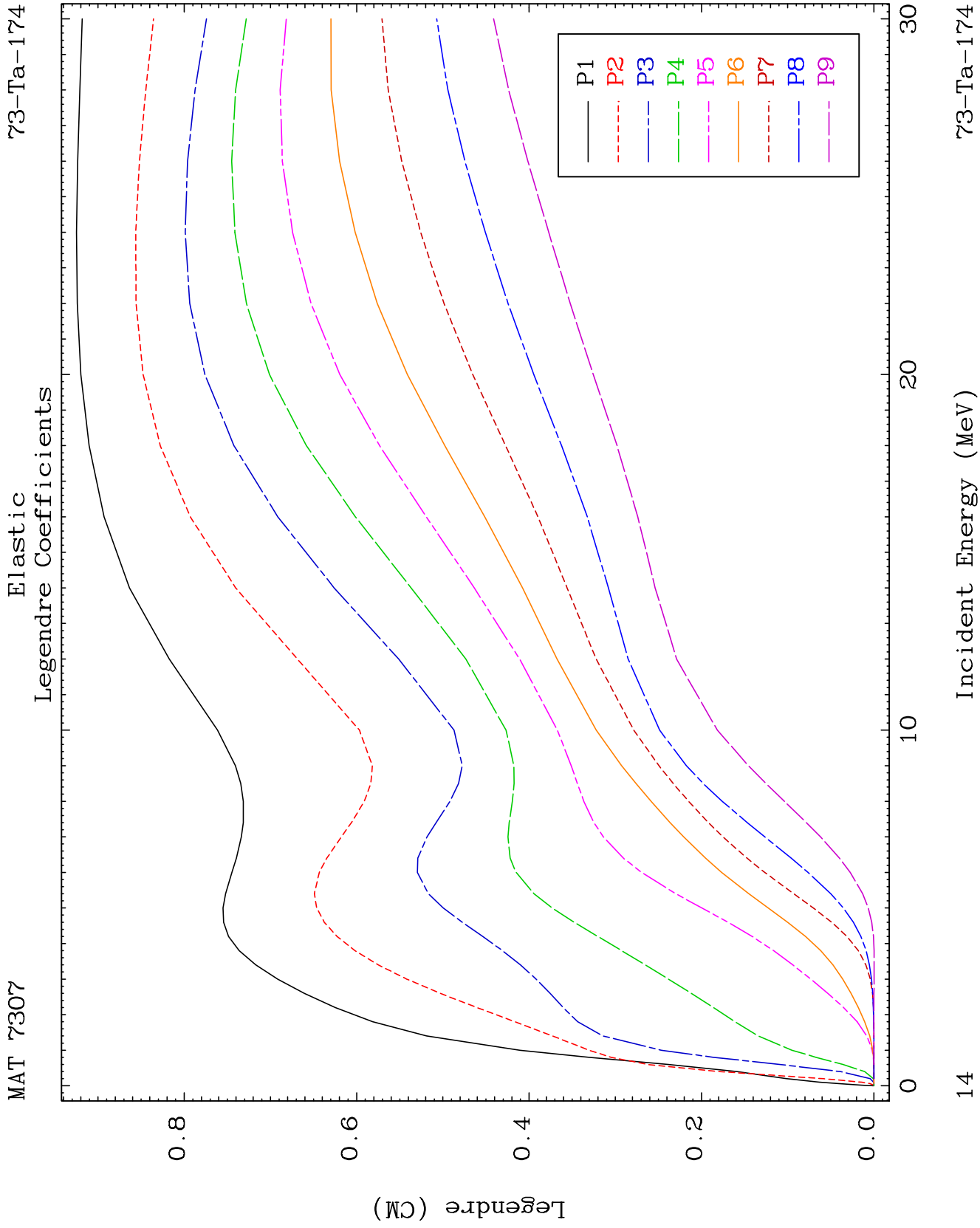
MAT 7307

(n,α) Levels  
293 Kelvin Cross Sections

73-Ta-174



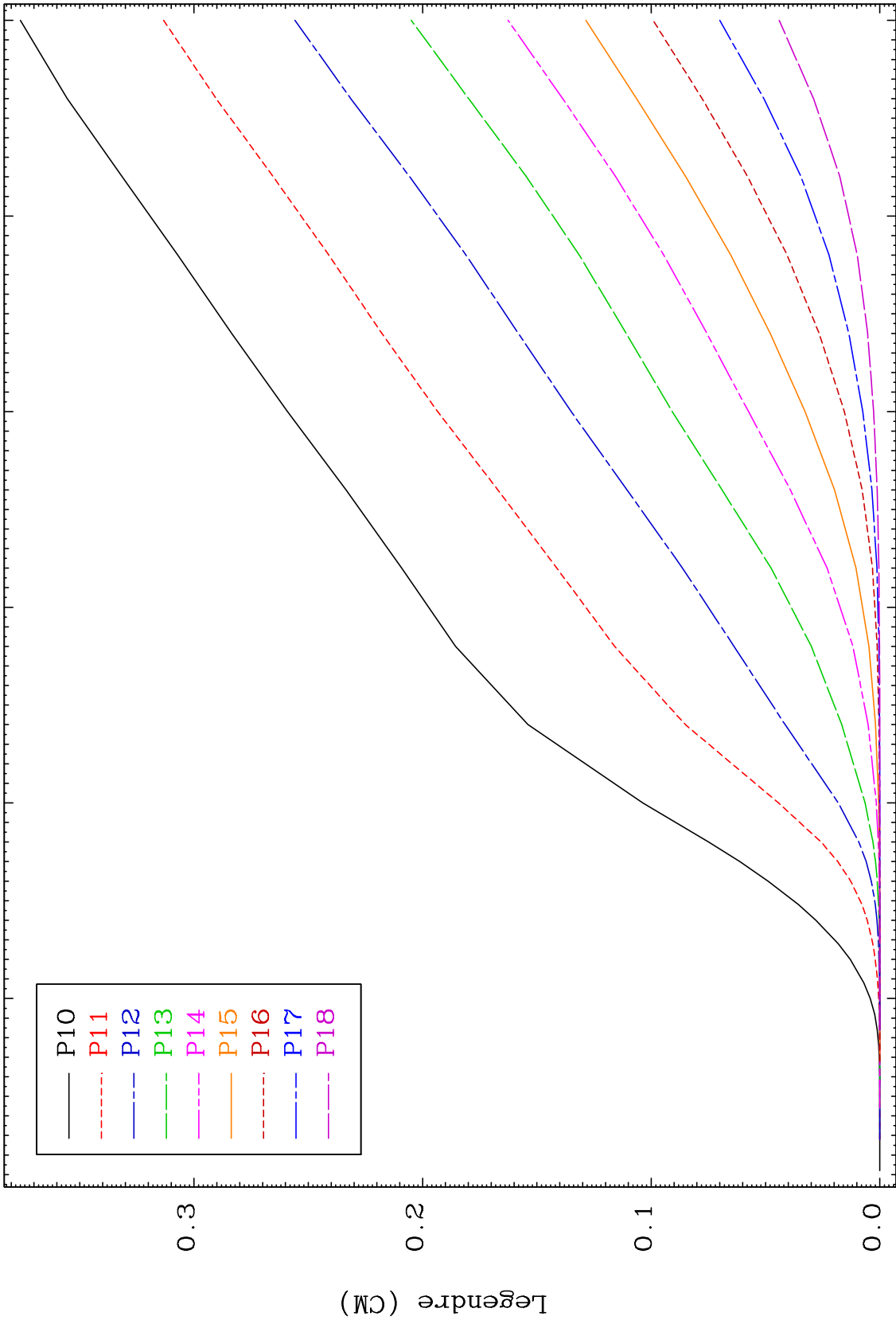




MAT 7307

Elastic Legendre Coefficients

<sup>73</sup>Ta-174



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Incident Energy (MeV)

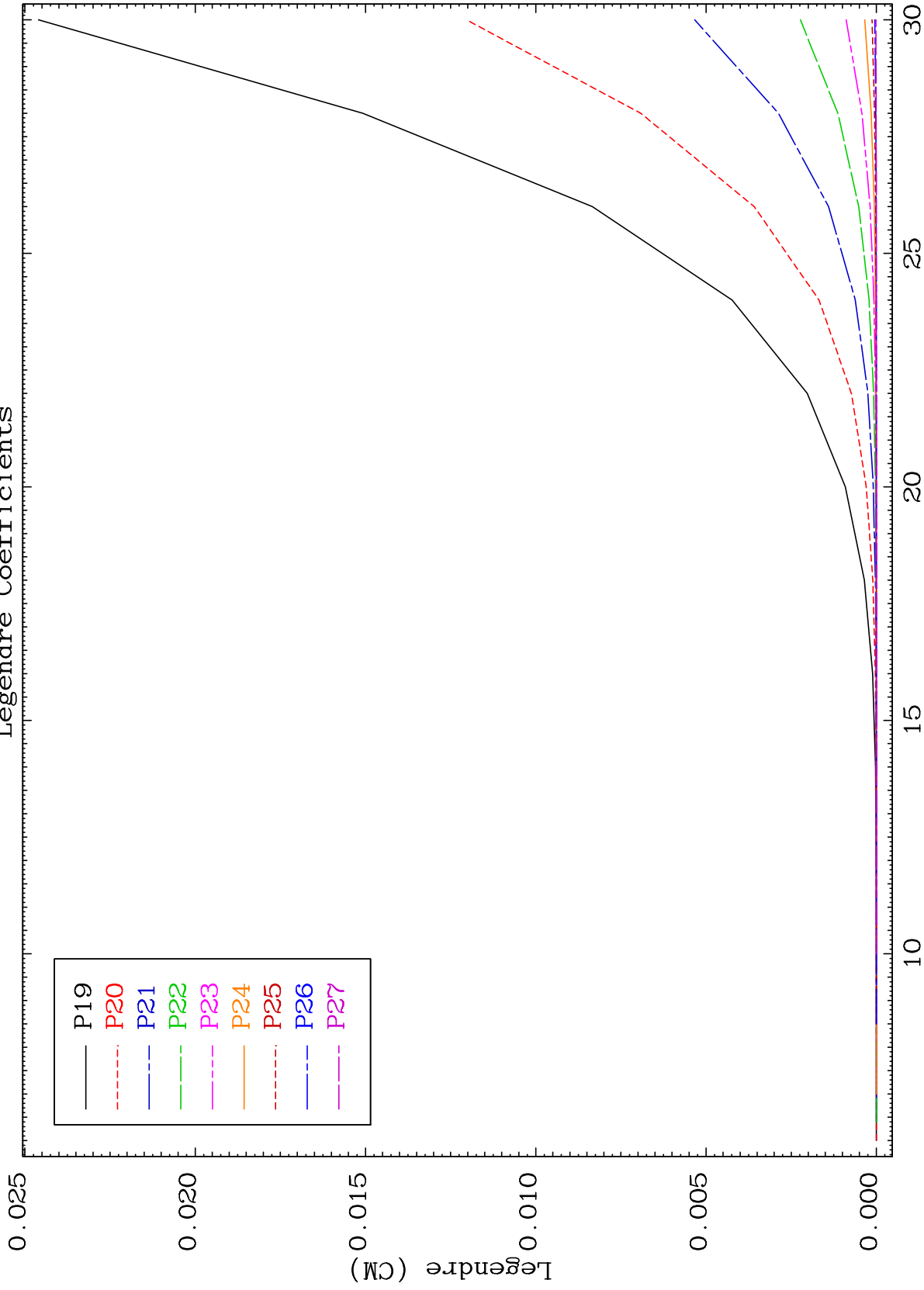
<sup>73</sup>Ta-174



MAT 7307

Elastic Legendre Coefficients

<sup>73</sup>Ta-174



16

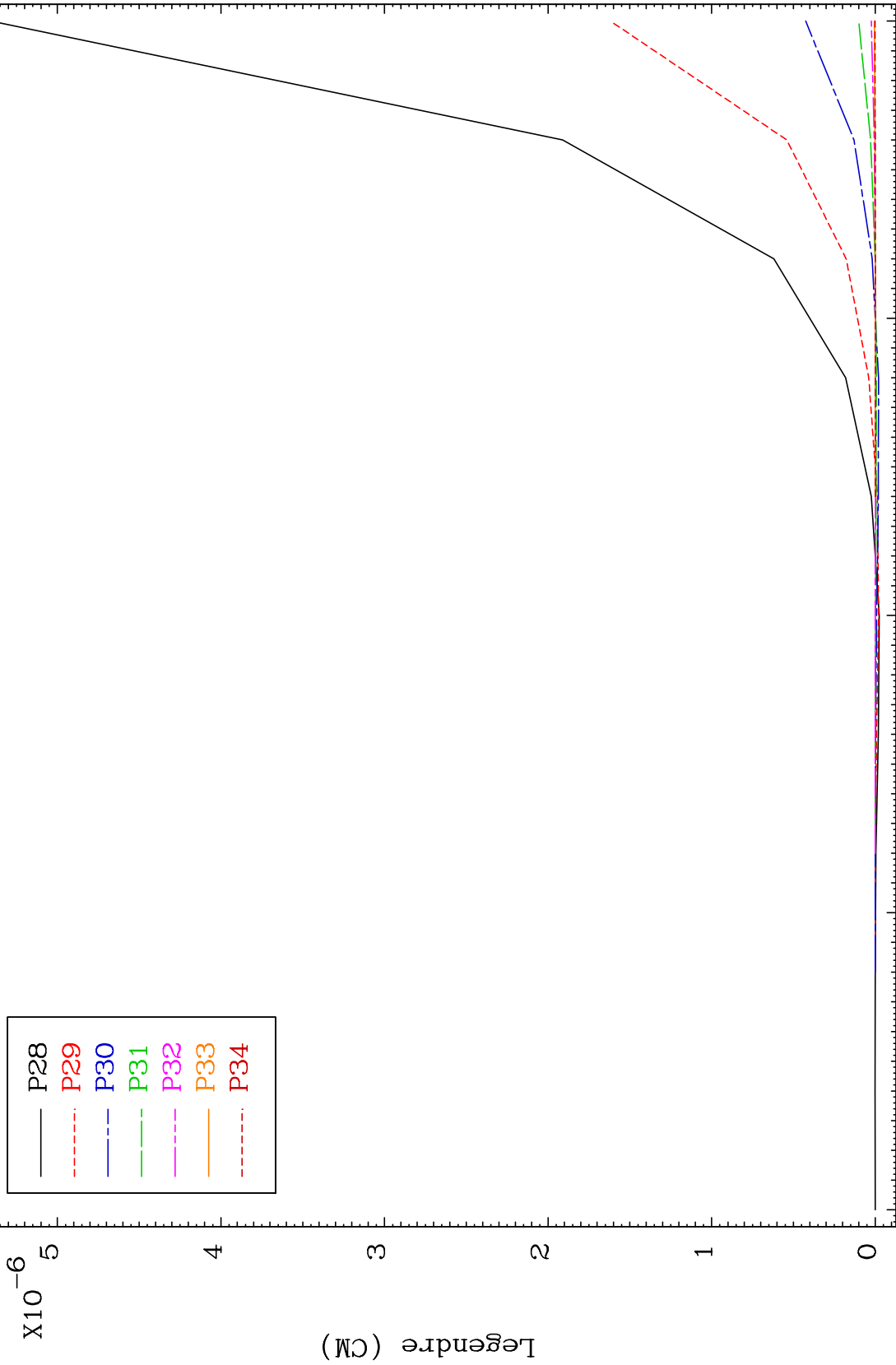
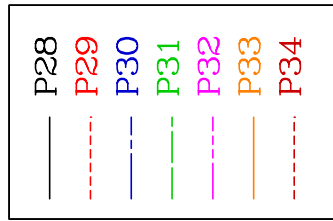
Incident Energy (MeV)

<sup>73</sup>Ta-174

MAT 7307

Elastic Legendre Coefficients

<sup>73</sup>Ta-174



17

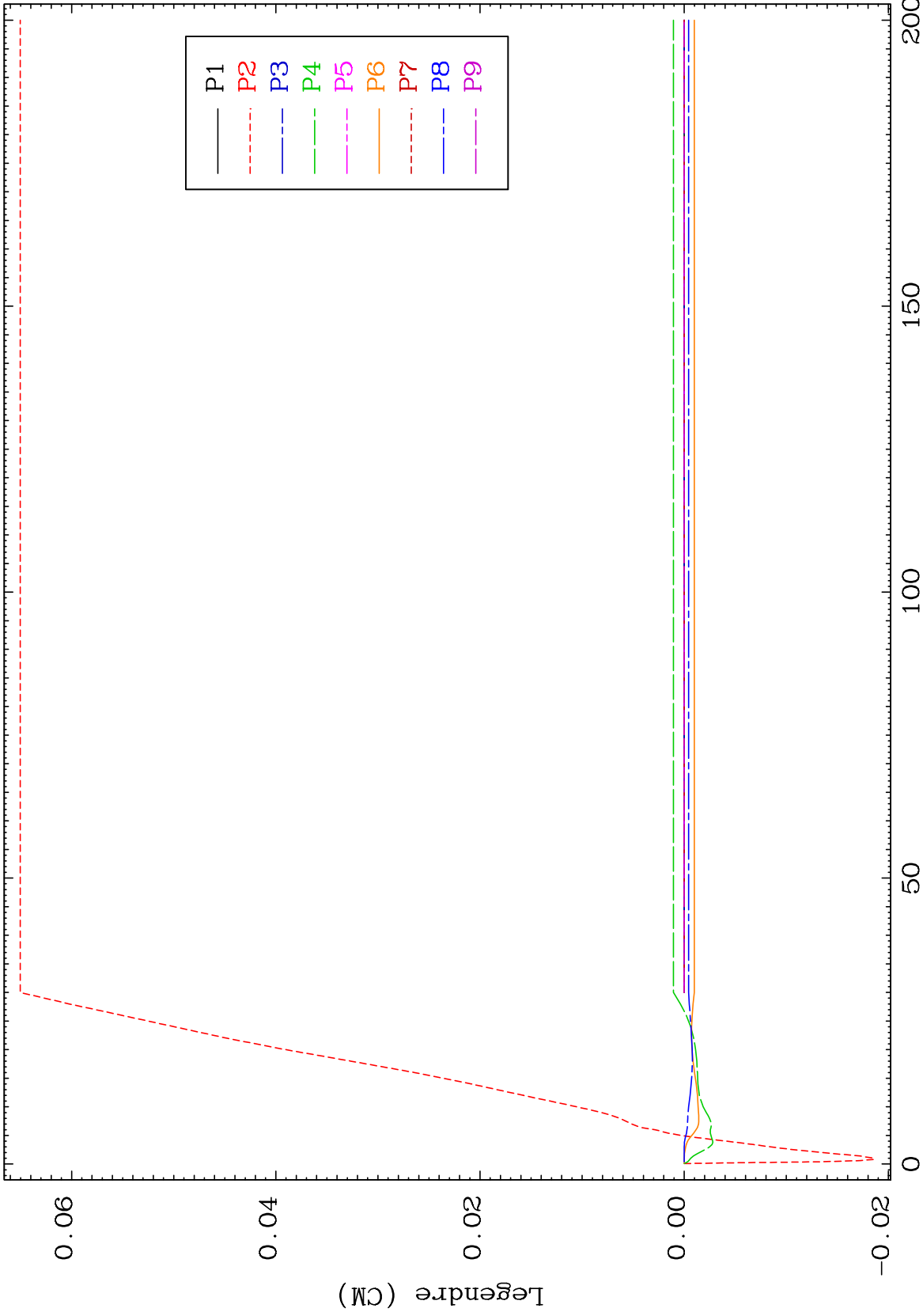
Incident Energy (MeV)

<sup>73</sup>Ta-174

MAT 7307

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

73-Ta-174



18

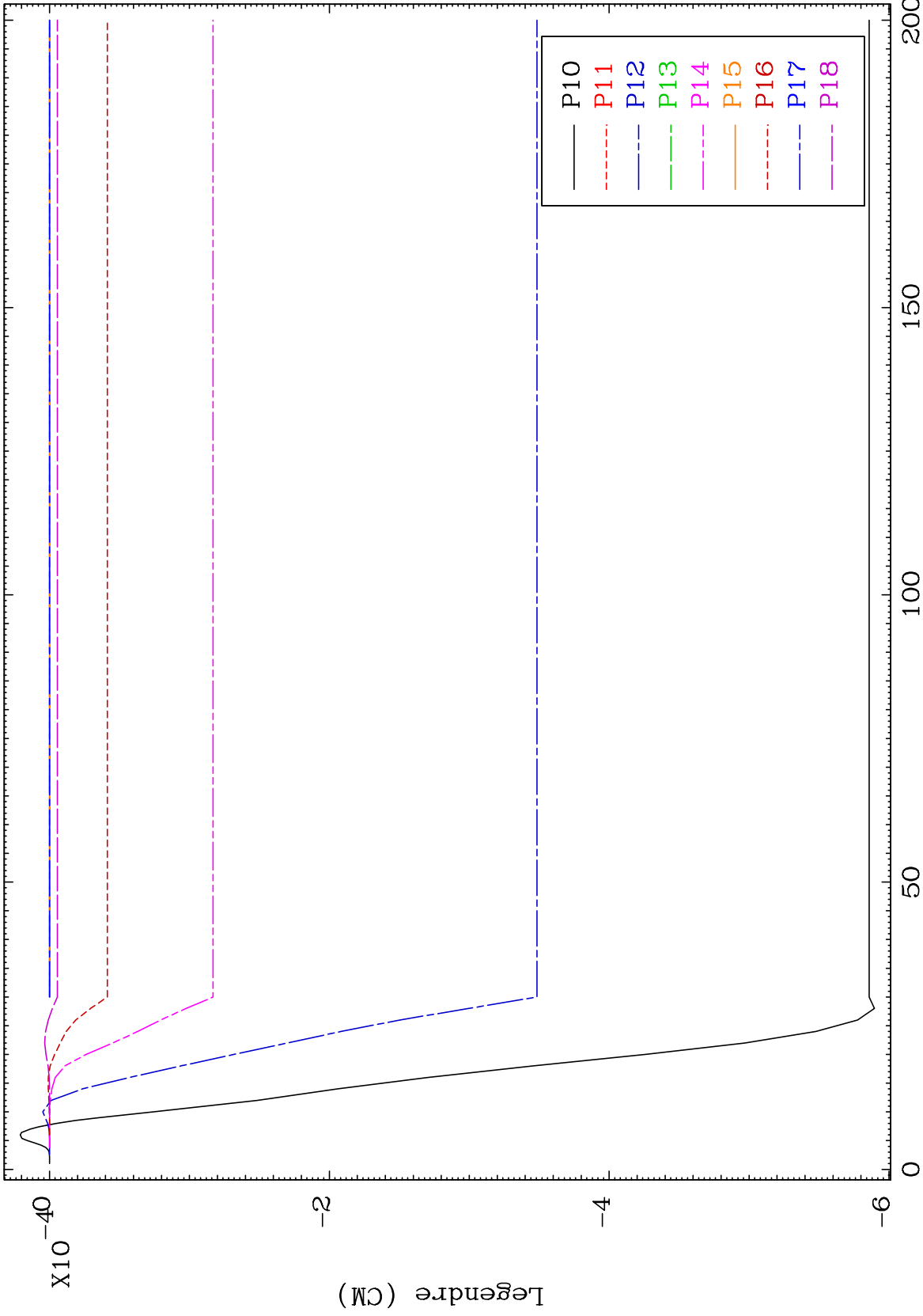
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

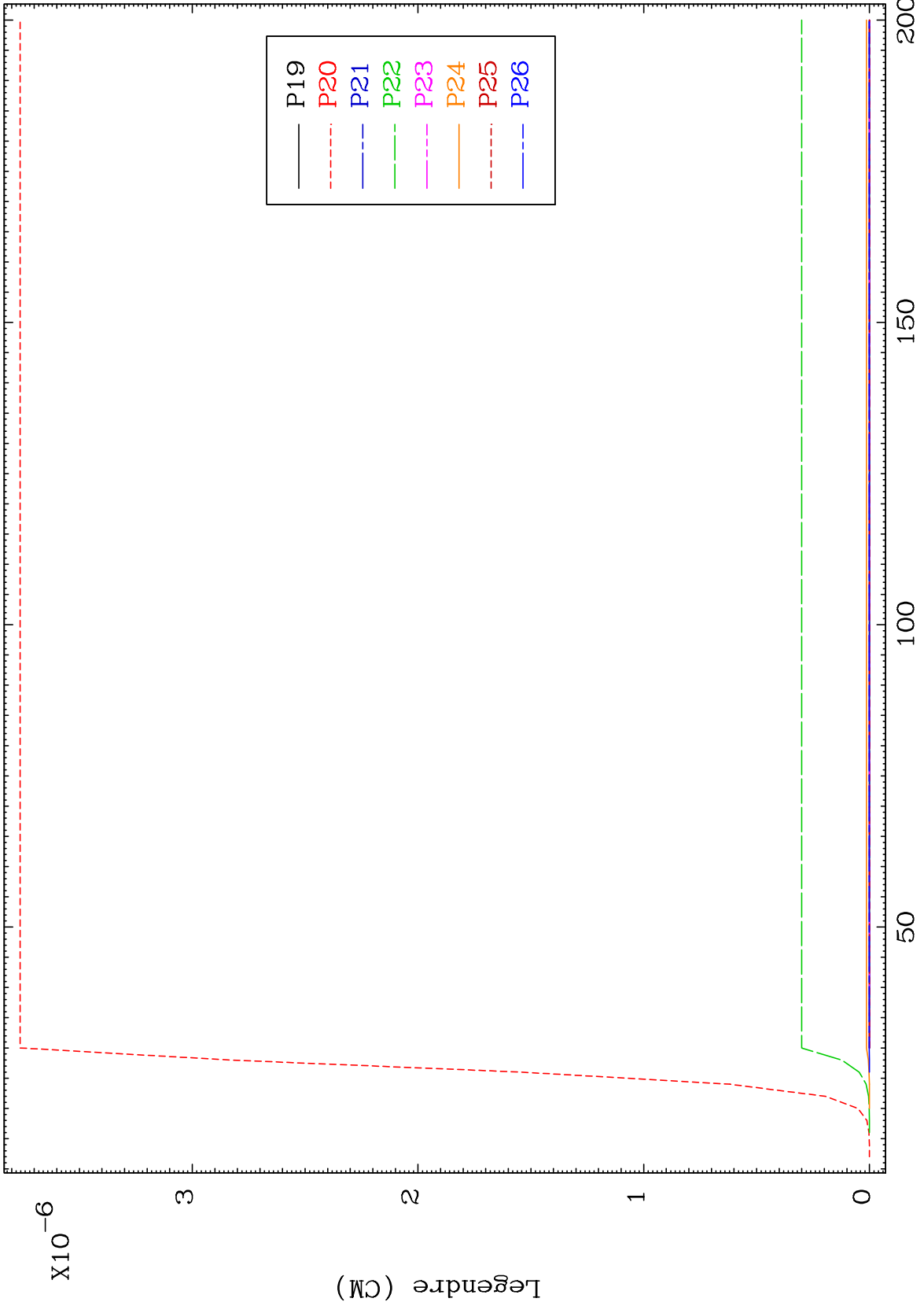
73-Ta-174



19

73-Ta-174

MAT 7307 MT= 51 (n,n') Level Legendre Coefficients 73-Ta-174

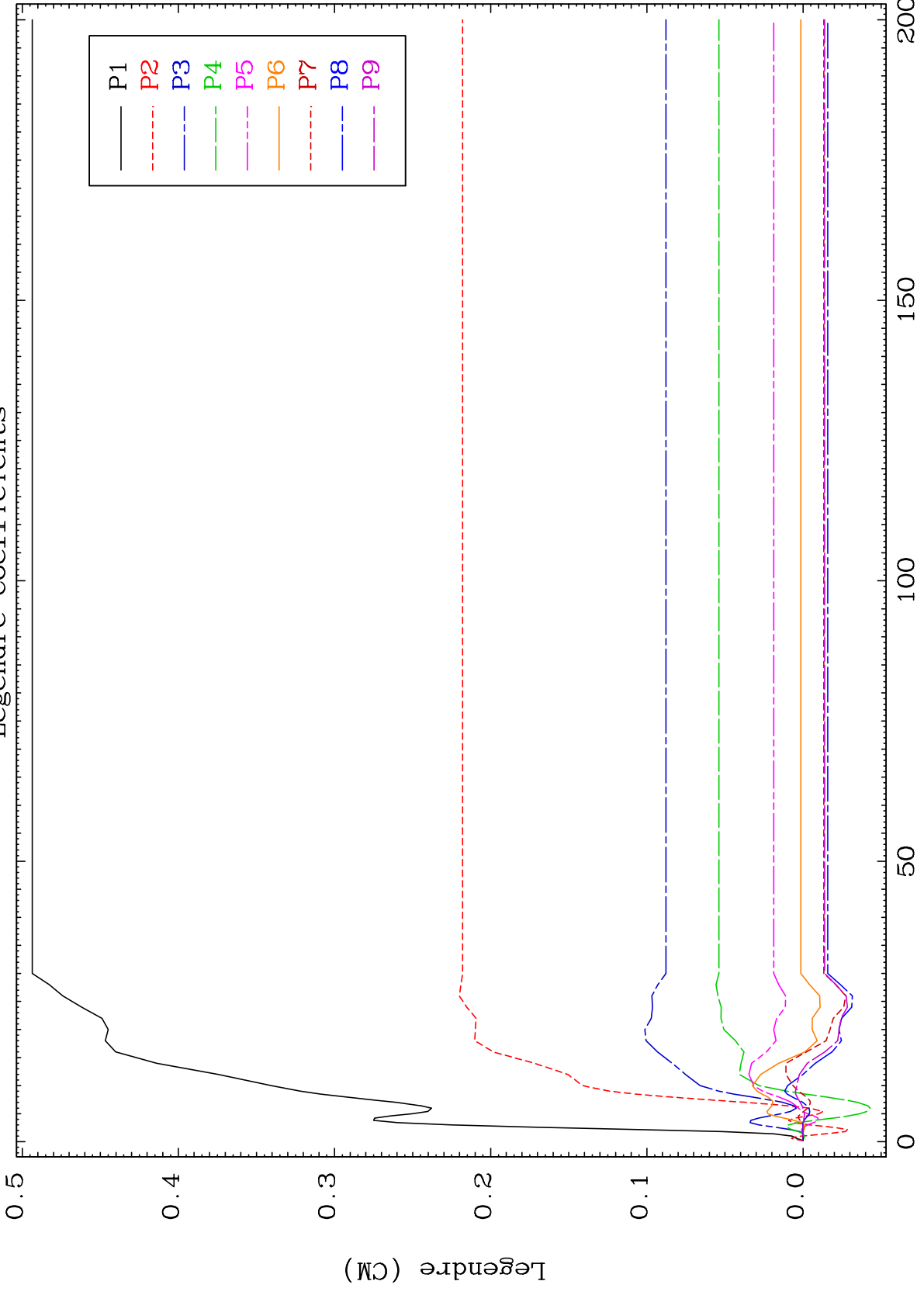


73-Ta-174

MAT 7307

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

<sup>73</sup>Ta-174



21

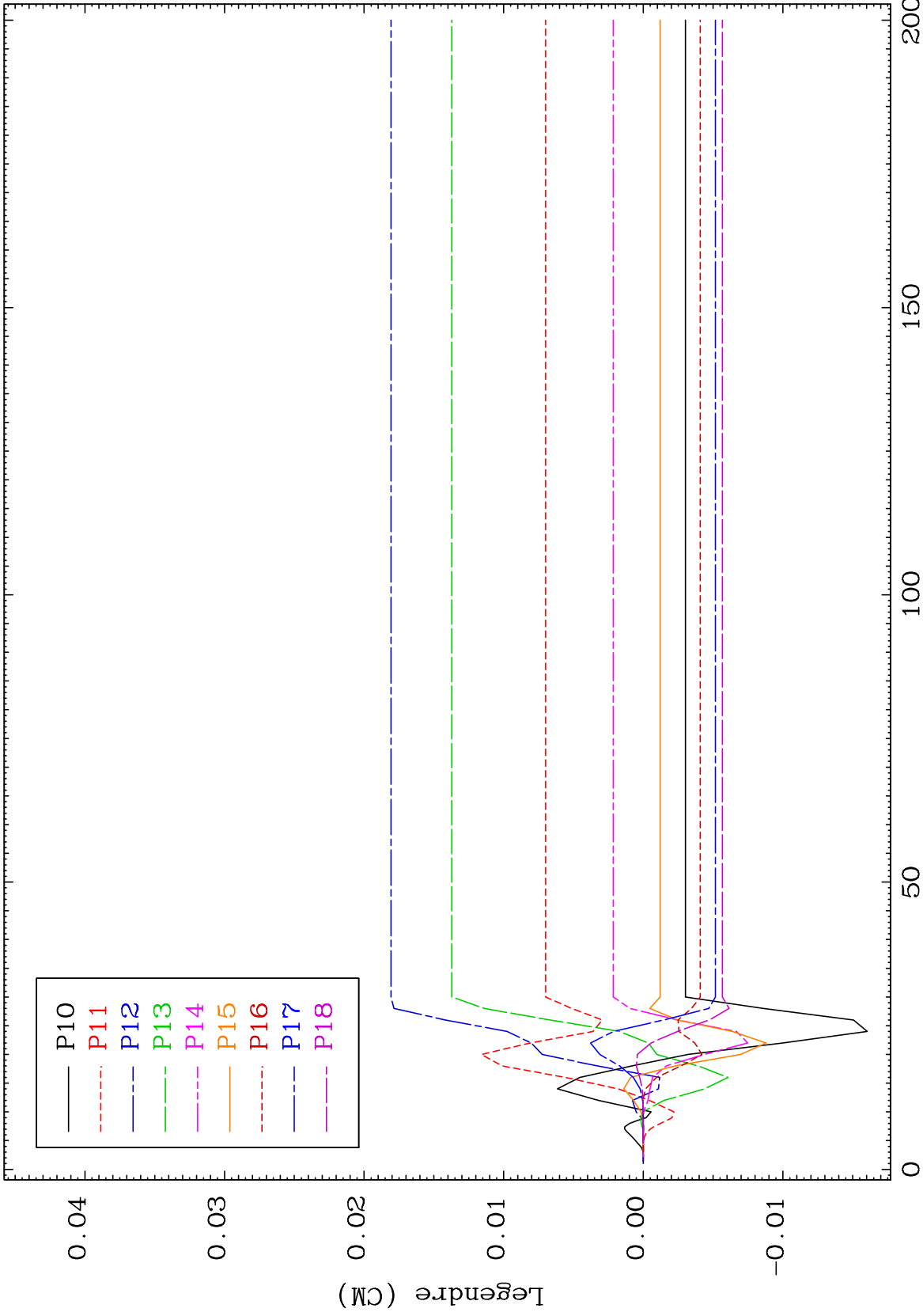
Incident Energy (MeV)

<sup>73</sup>Ta-174

MAT 7307

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

73-Ta-174



22

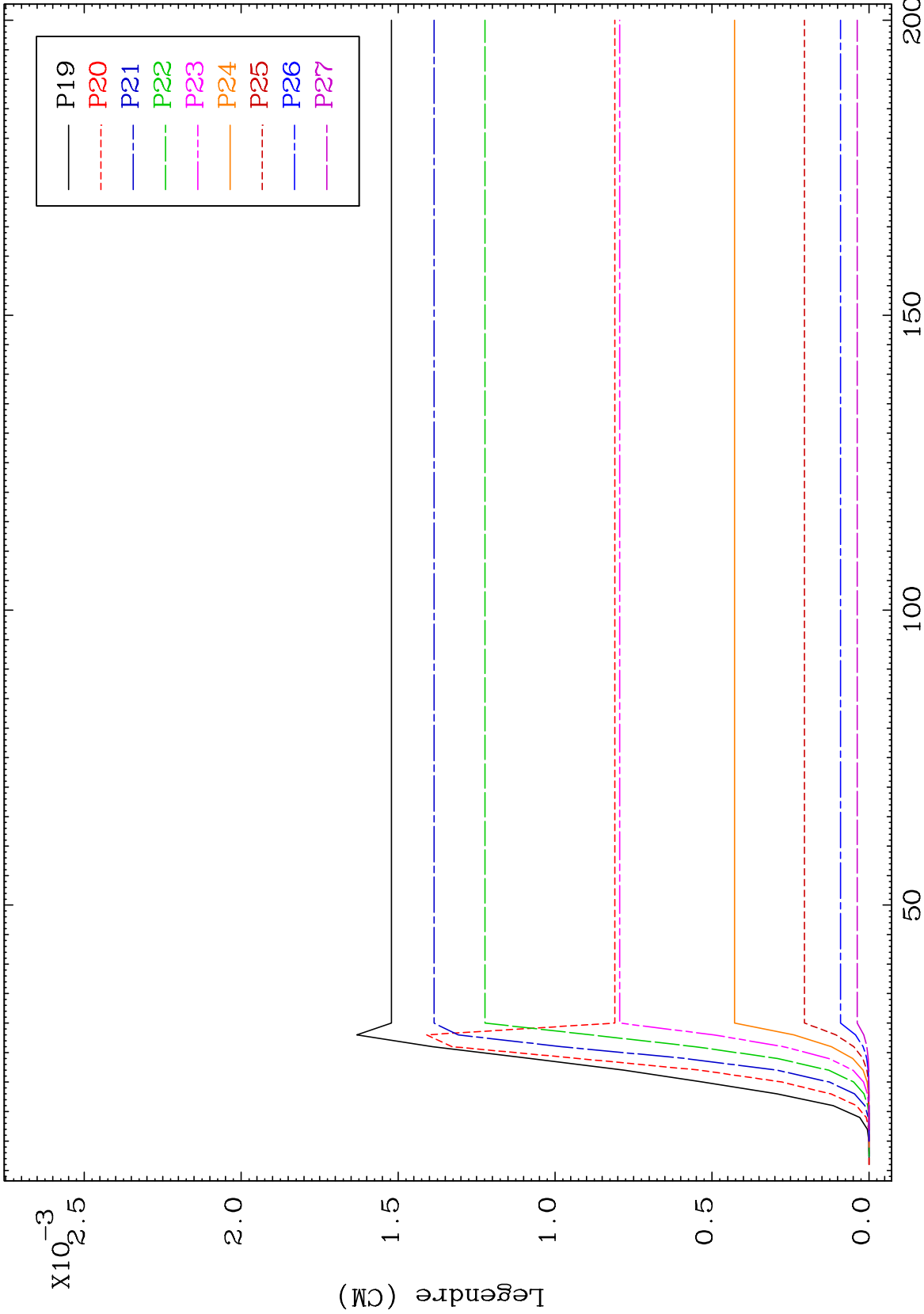
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174



23

Incident Energy (MeV)

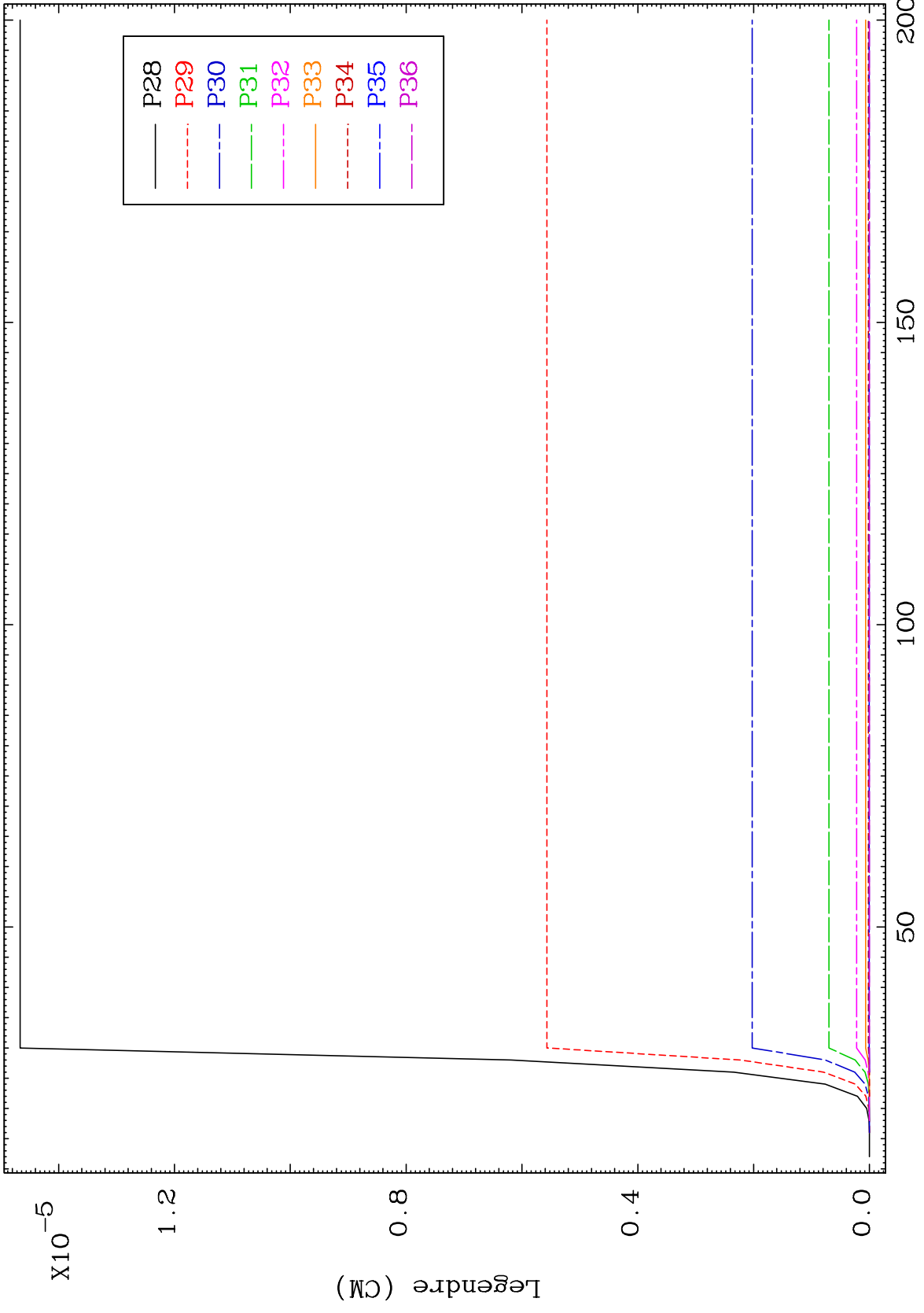
73-Ta-174



MAT 7307

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

73-Ta-174



24

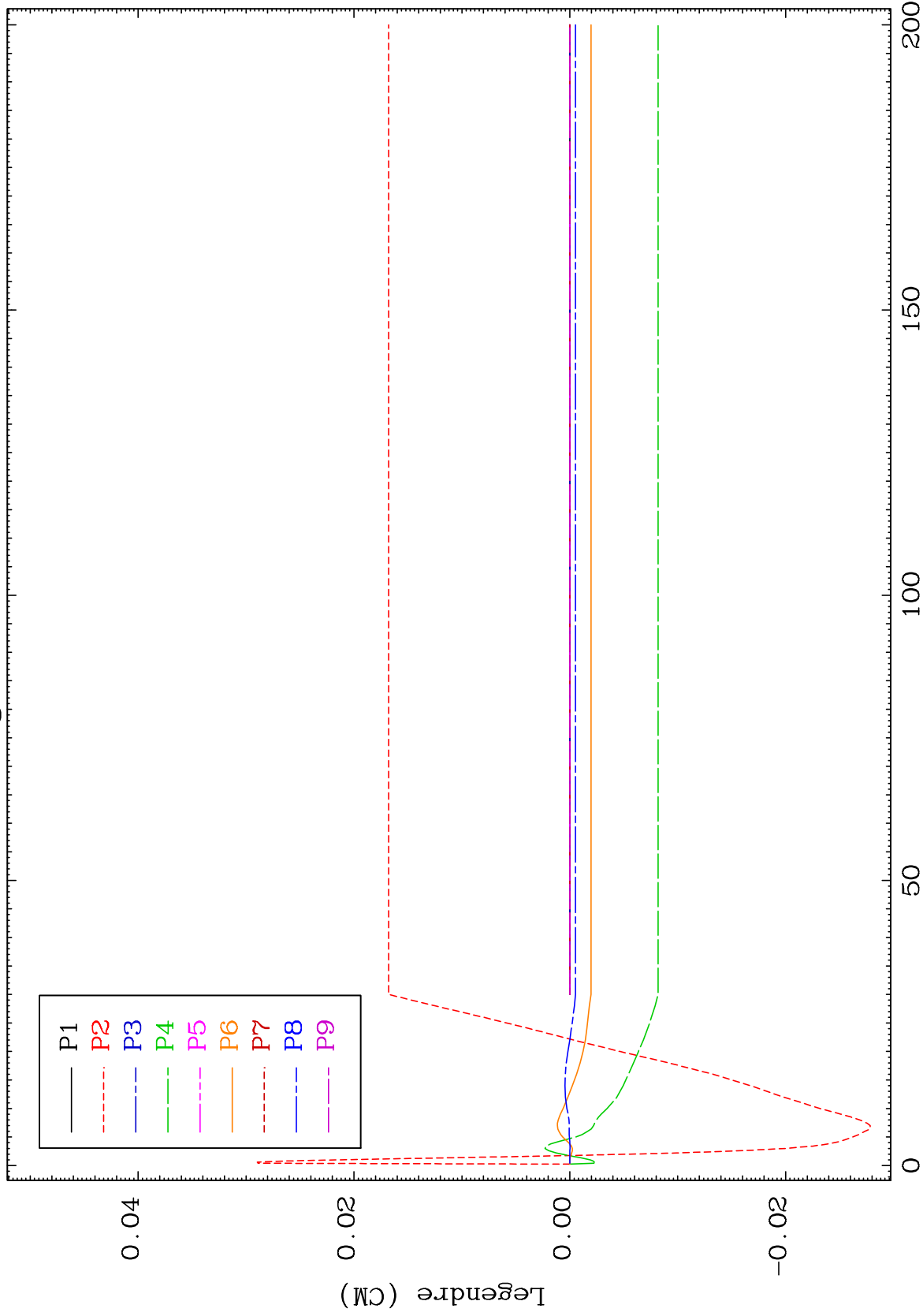
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174



25

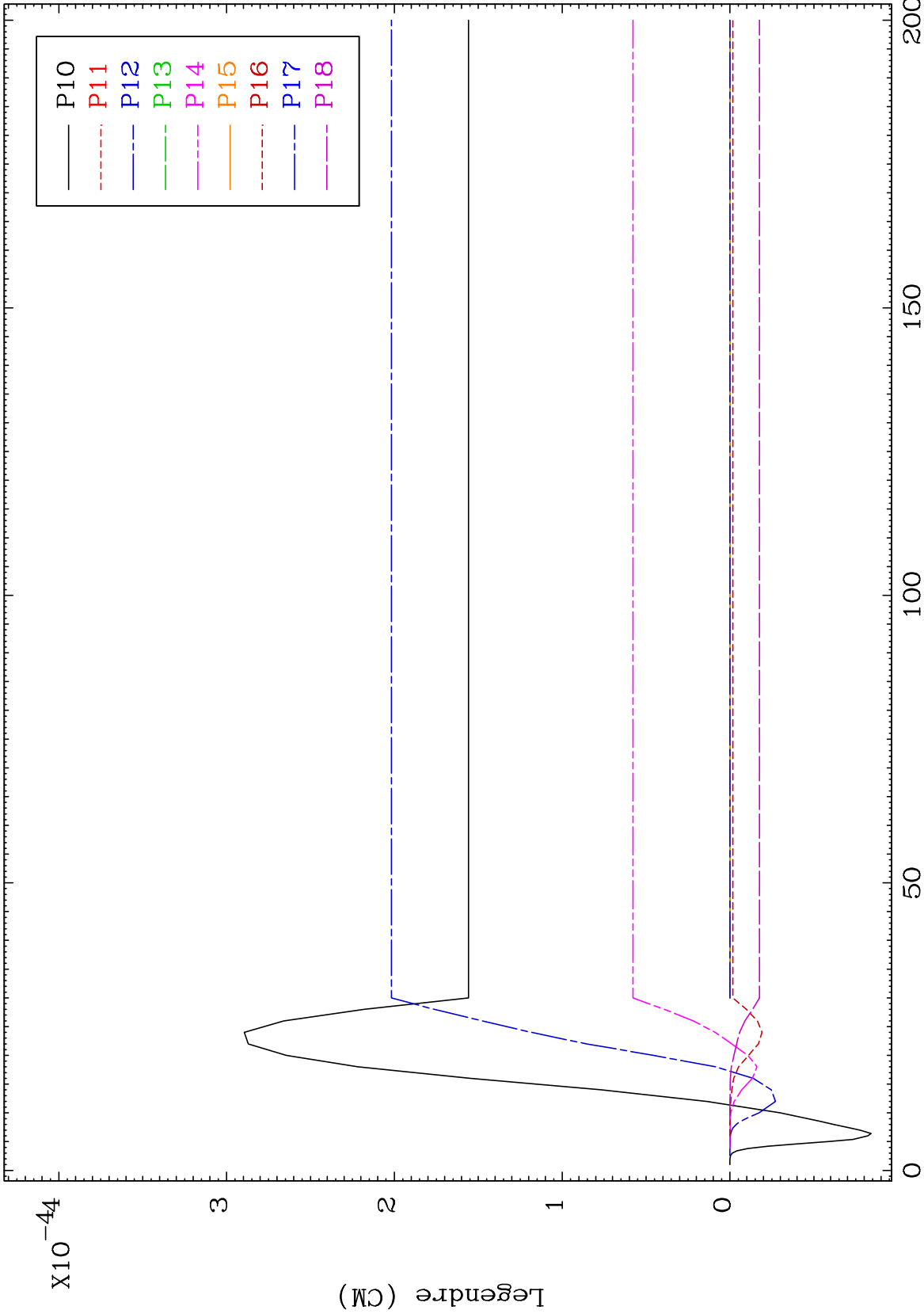
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174



26

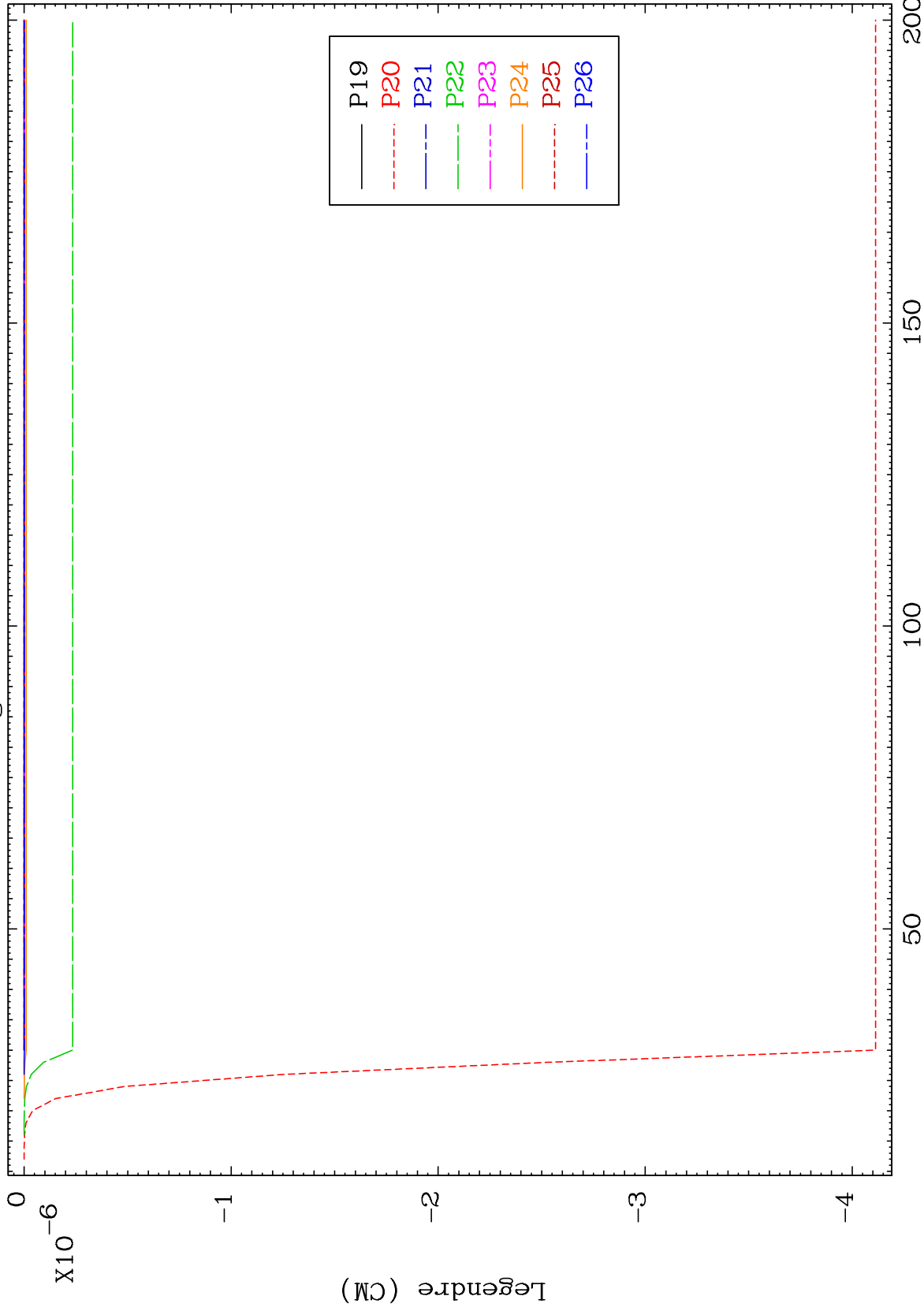
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174



27

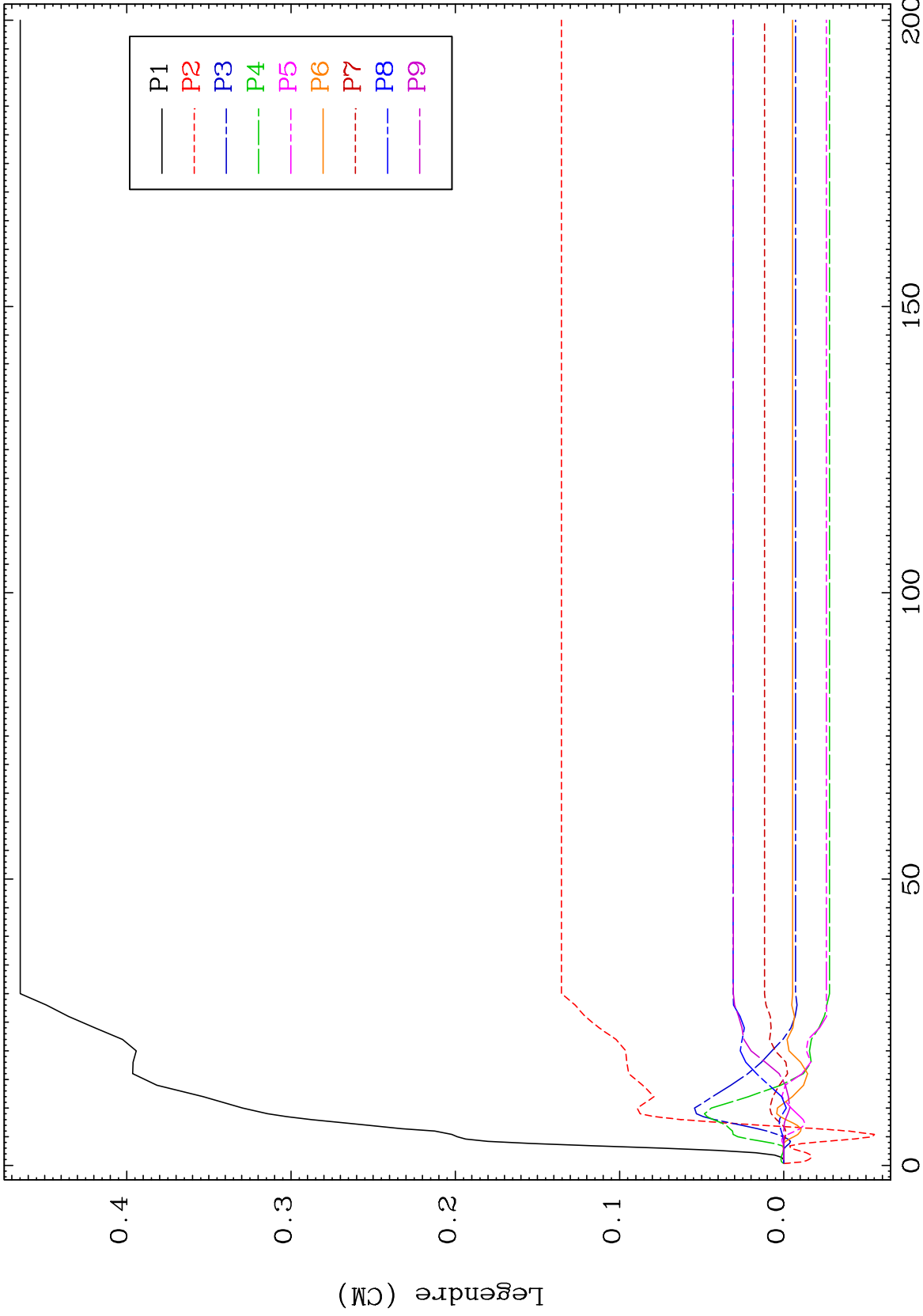
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

<sup>73</sup>Ta-174



28

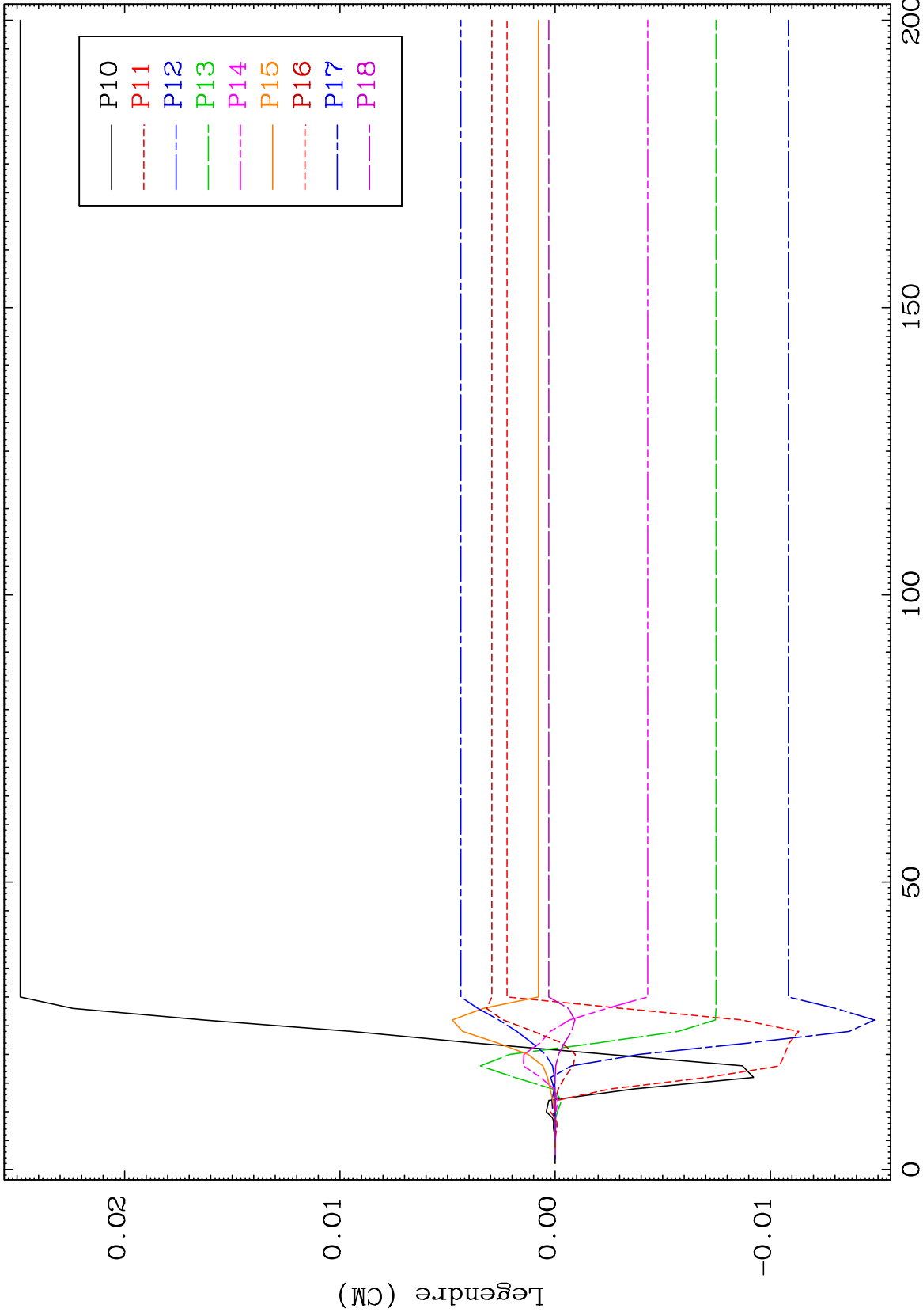
Incident Energy (MeV)

<sup>73</sup>Ta-174

MAT 7307

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

73-Ta-174



29

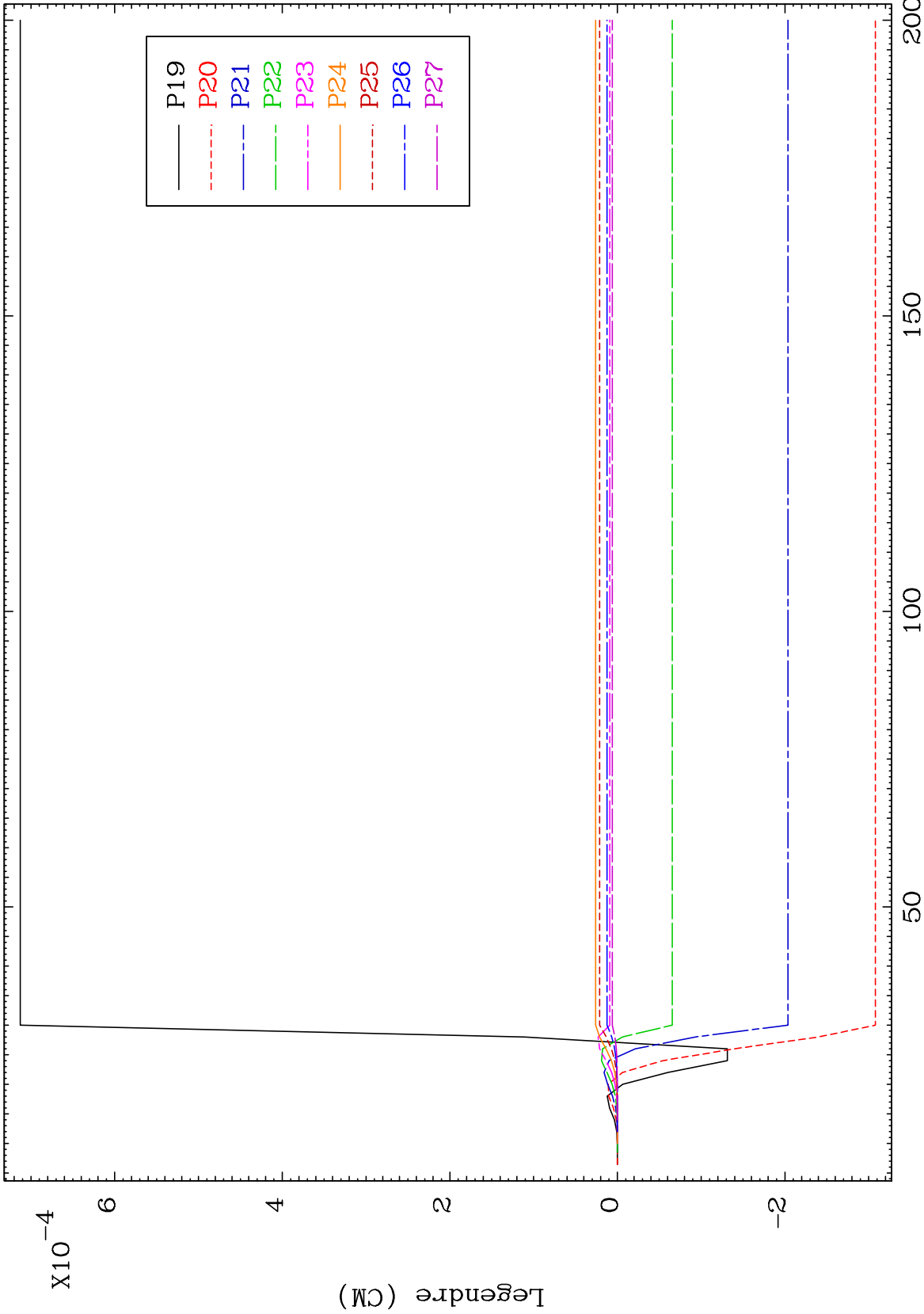
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174



30

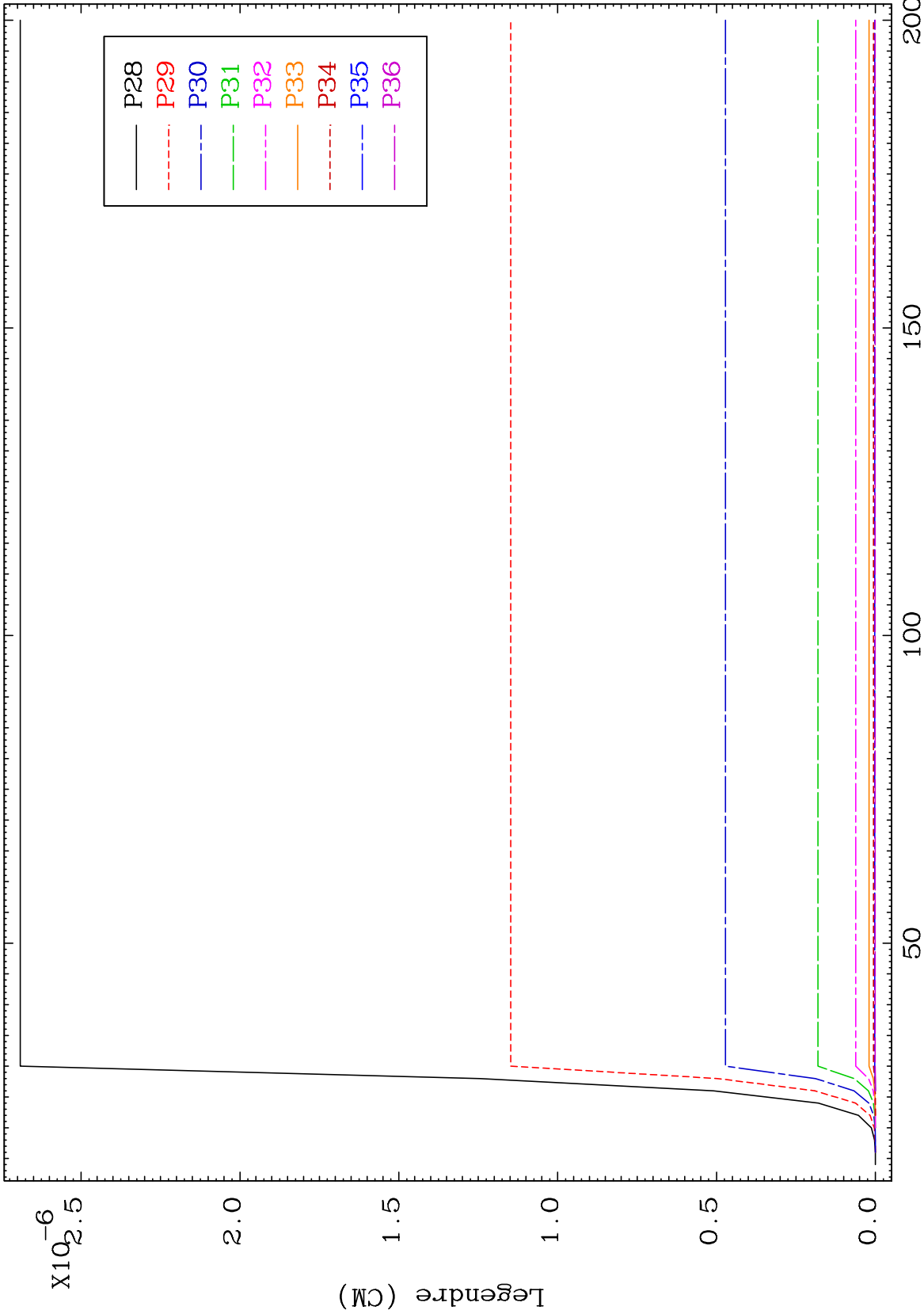
Incident Energy (MeV)

73-Ta-174

MAT 7307

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

73-Ta-174



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Incident Energy (MeV)

73-Ta-174

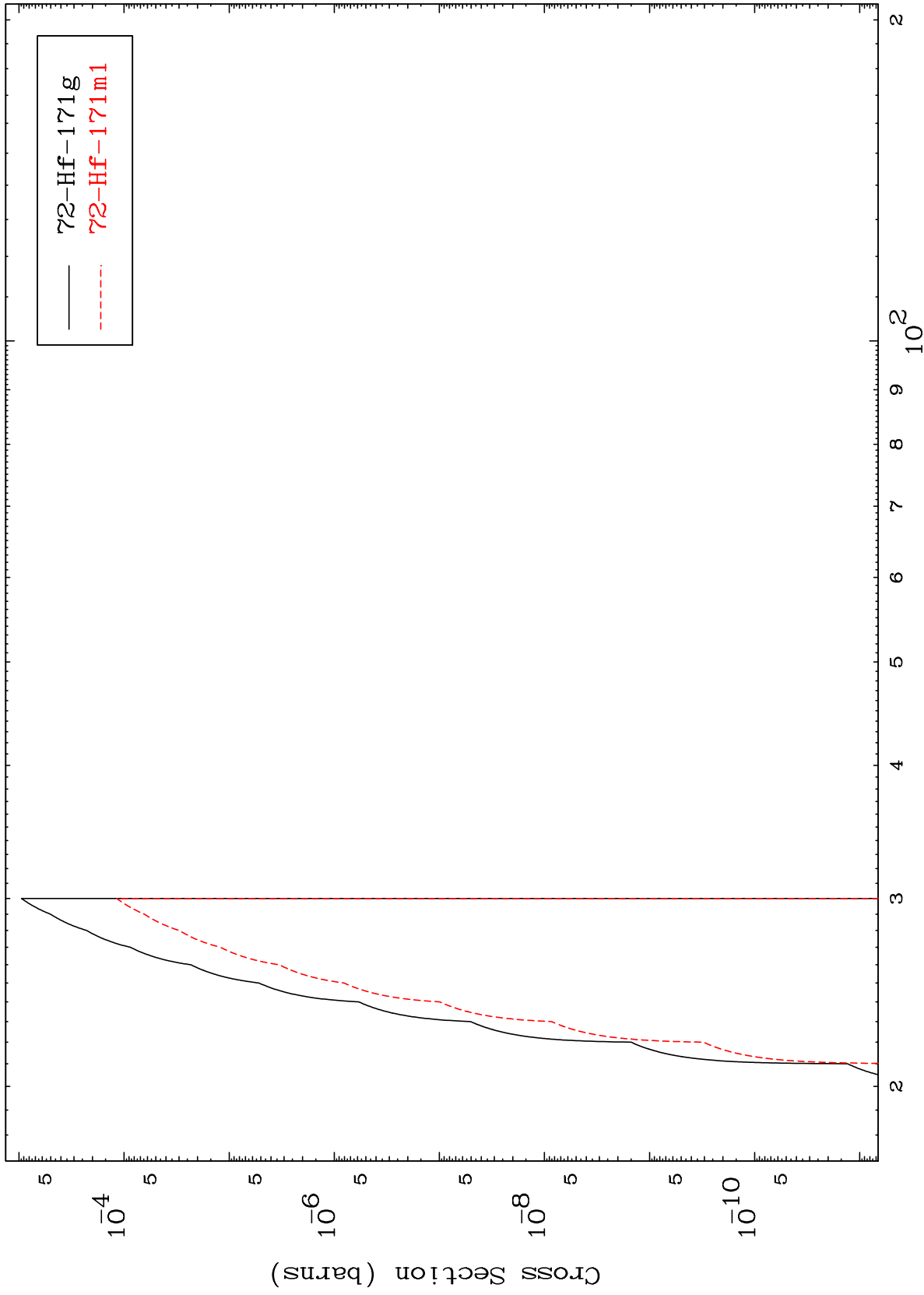


MAT 7307

(n,2n) d

73-Ta-174

Radionuclide Production Cross Section



32

Incident Energy (MeV)

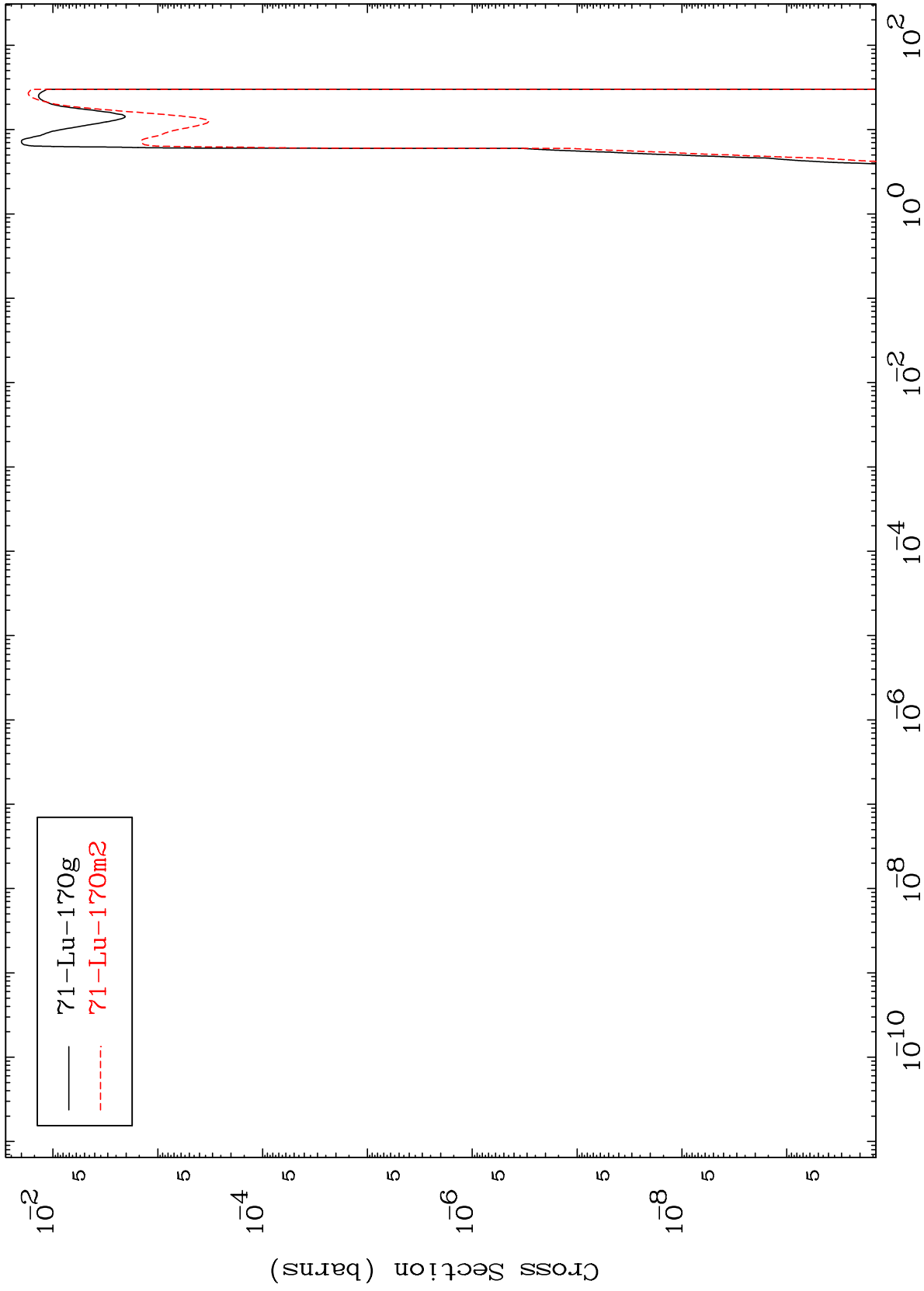
73-Ta-174

MAT 7307

(n,n')  $\alpha$

<sup>73</sup>Ta-174

Radionuclide Production Cross Section

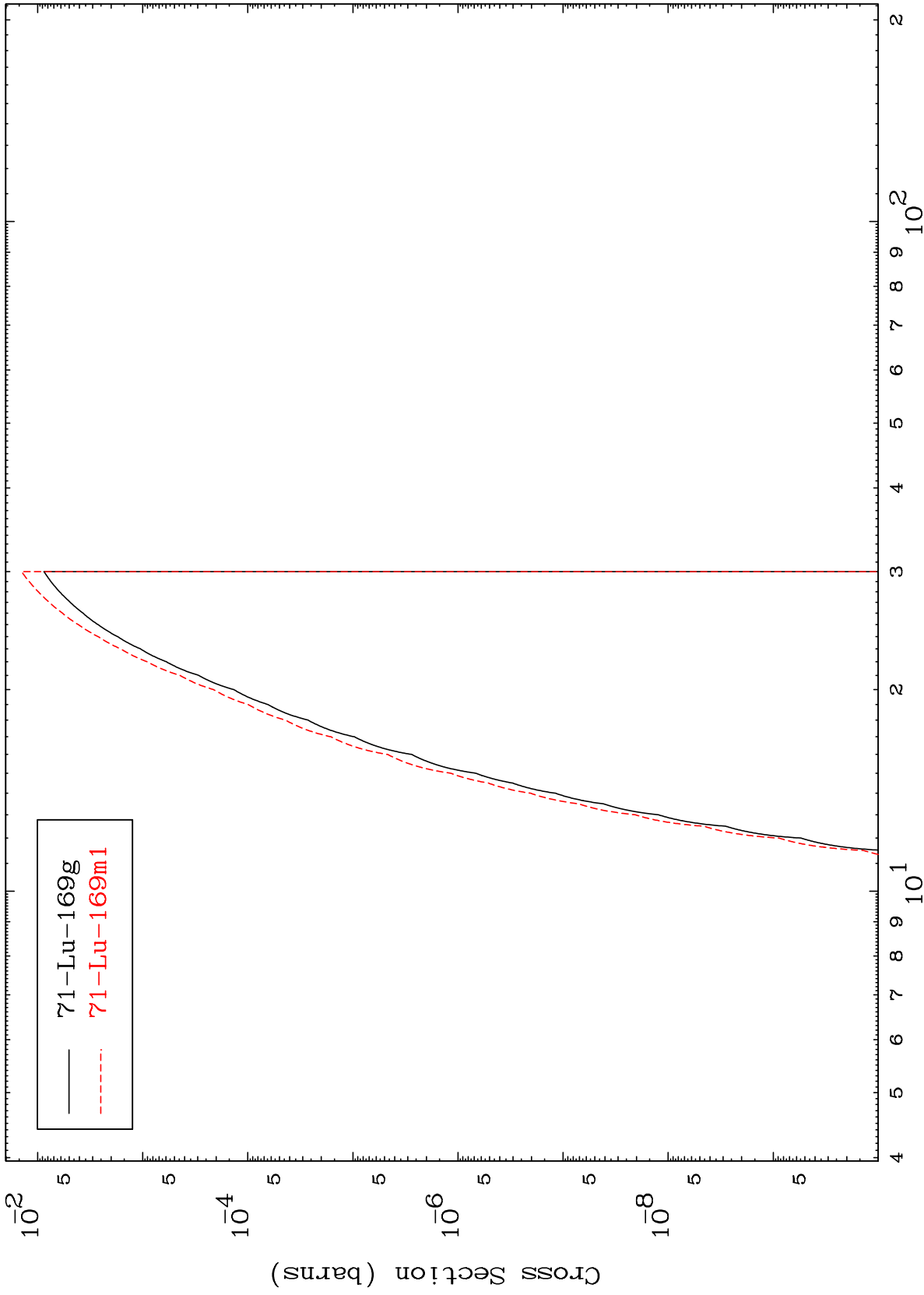


MAT 7307

(n,2n)  $\alpha$

<sup>73</sup>Ta-174

Radionuclide Production Cross Section



34

Incident Energy (MeV)

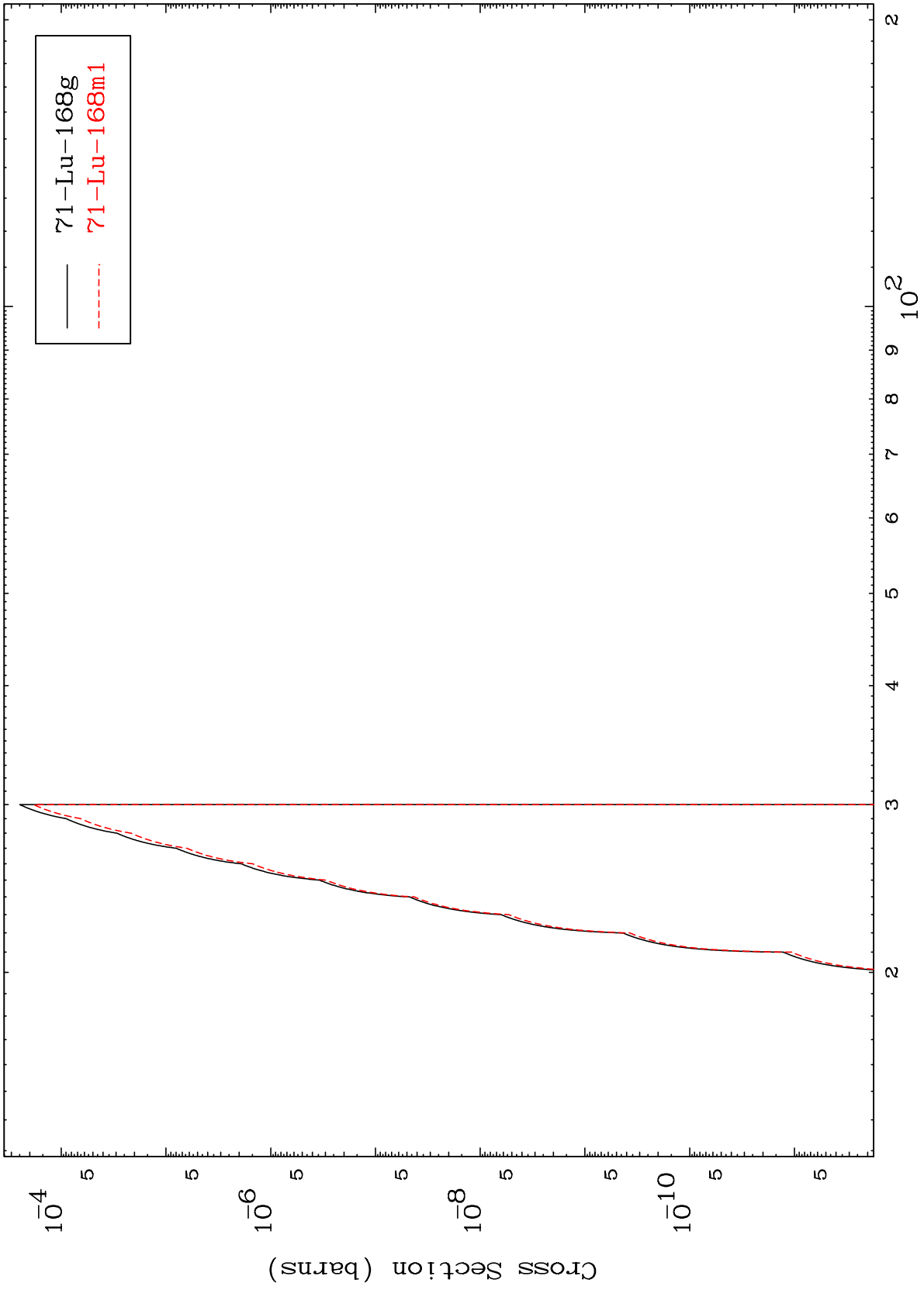
<sup>73</sup>Ta-174

MAT 7307

$(n, 3n) \alpha$

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

Radionuclide Production Cross Section



35

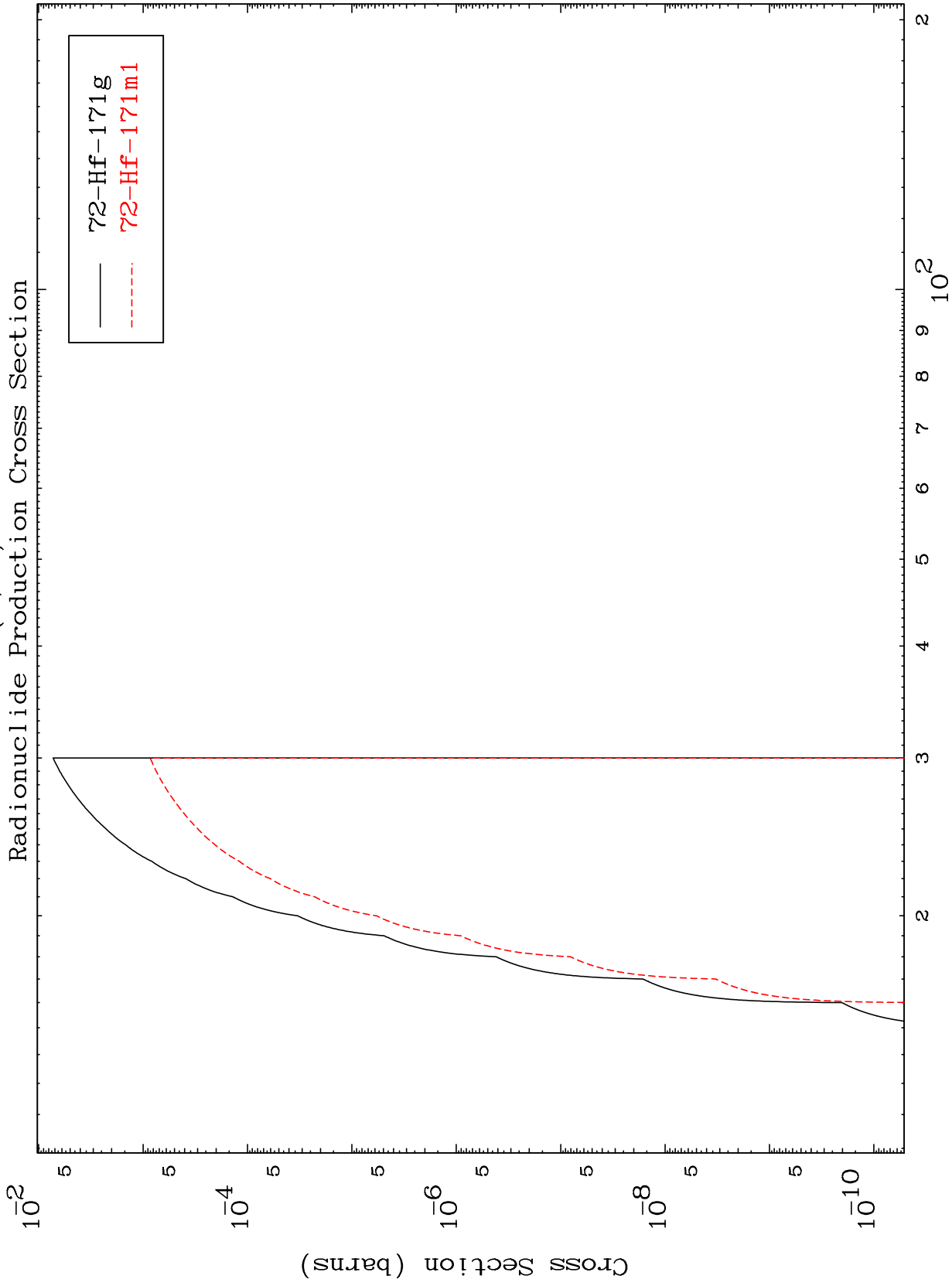
Incident Energy (MeV)

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

MAT 7307

(n,n') t

73-Ta-174



36

73-Ta-174

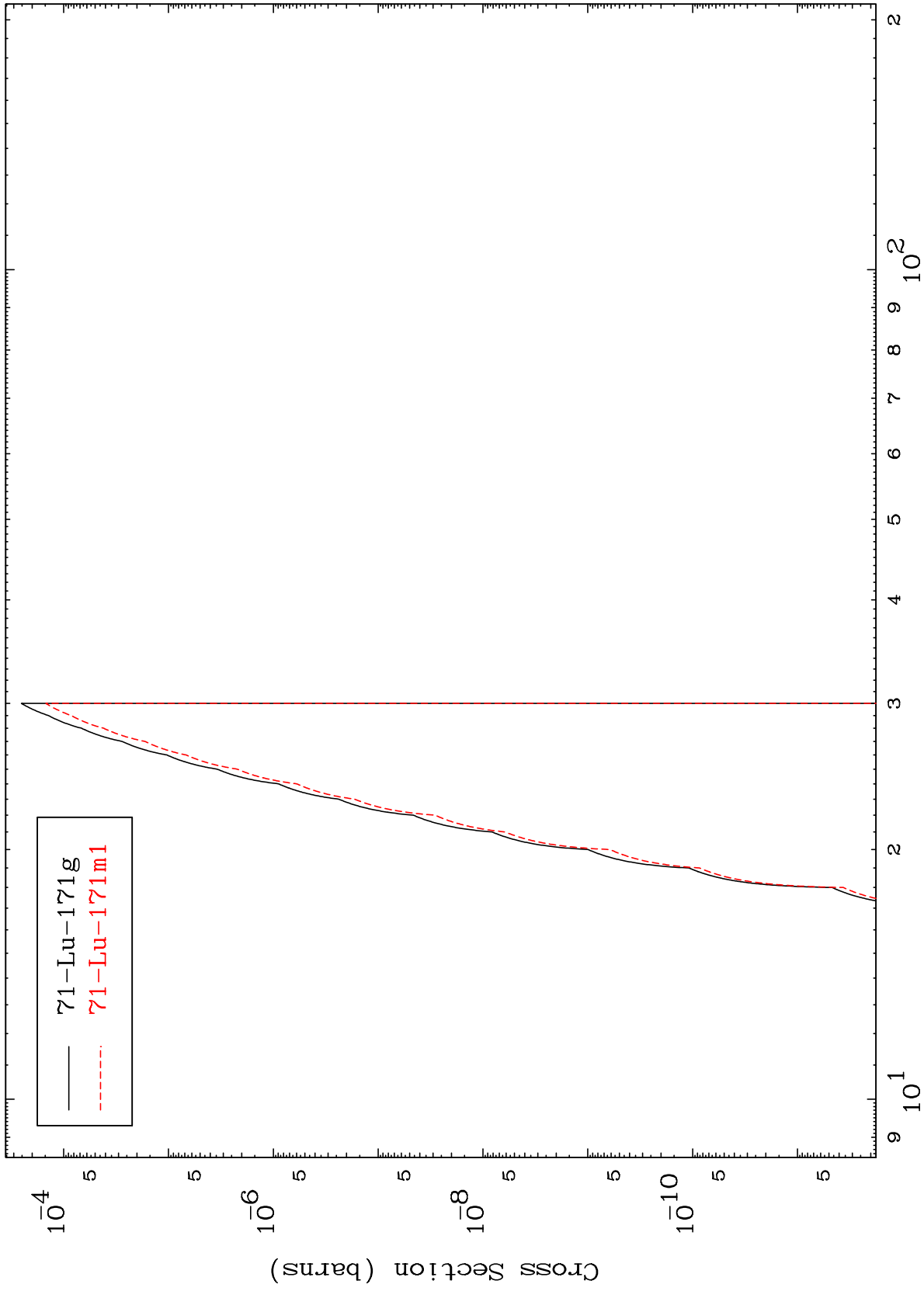
73-Ta-174

MAT 7307

(n, n') He-3

73-Ta-174

Radionuclide Production Cross Section



37

Incident Energy (MeV)

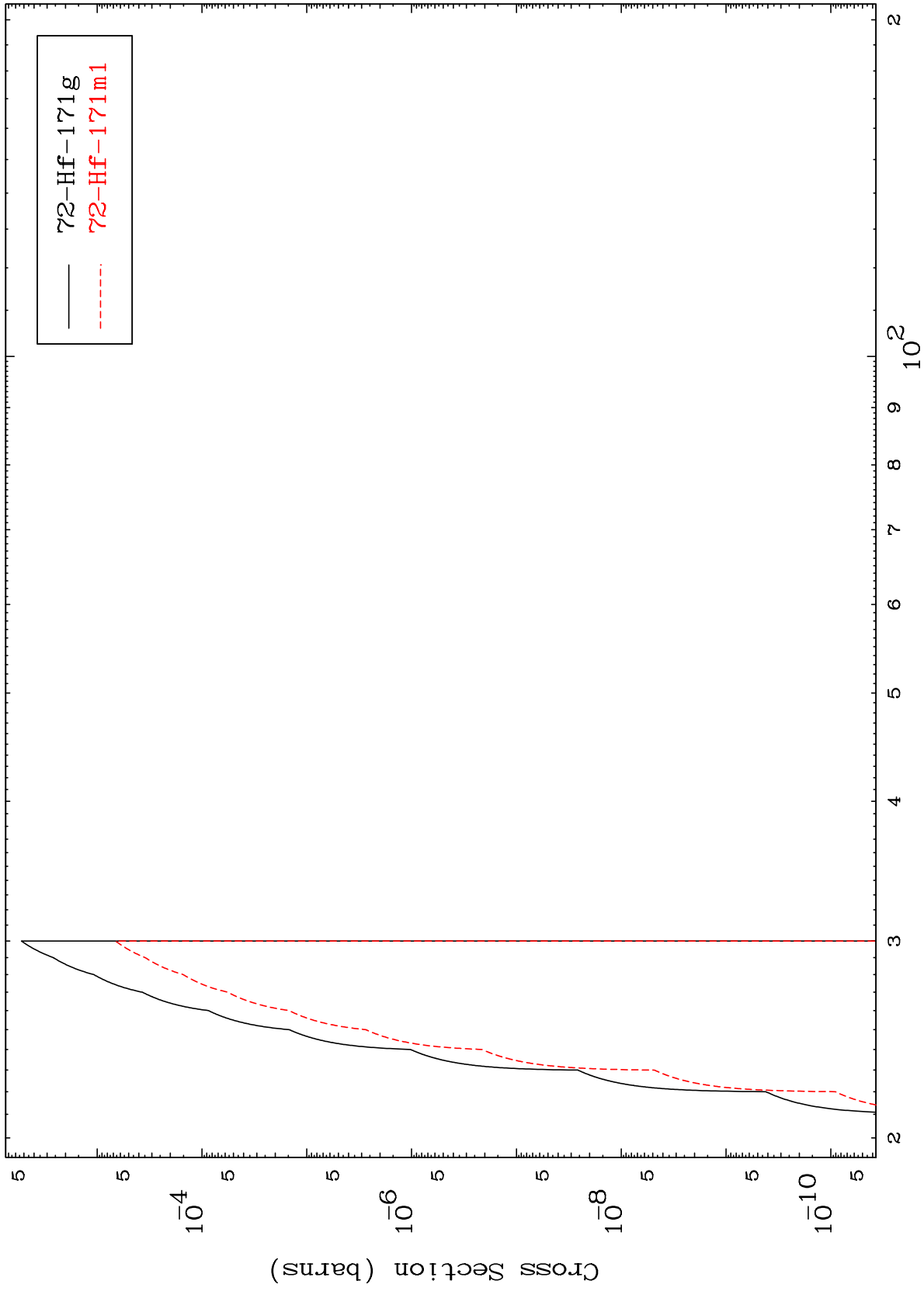
73-Ta-174

MAT 7307

(n,3n) p

<sup>73</sup>Ta-174

Radionuclide Production Cross Section



38

Incident Energy (MeV)

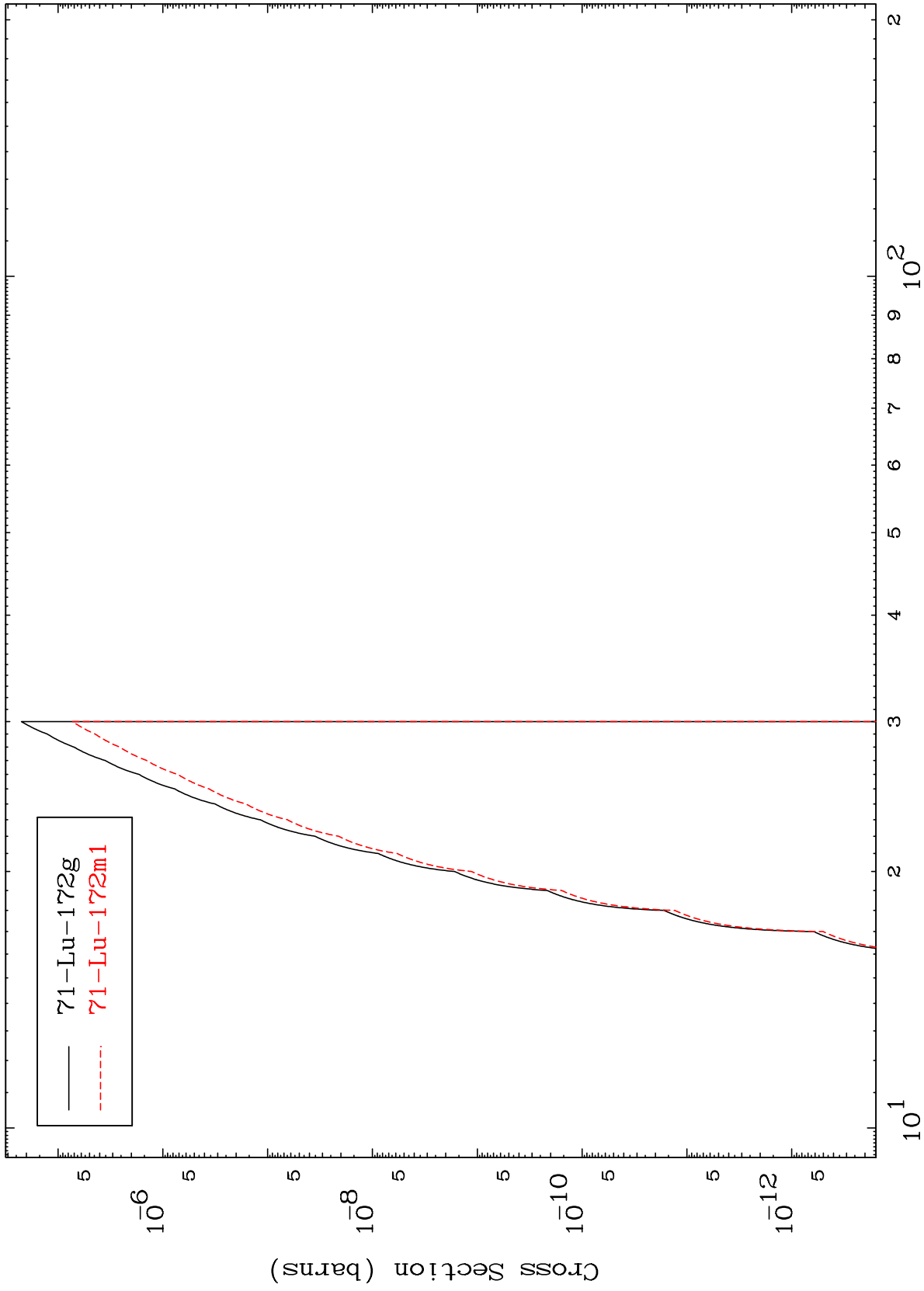
<sup>73</sup>Ta-174

MAT 7307

(n,2n) p

<sup>73</sup>Ta-174

Radionuclide Production Cross Section



39

Incident Energy (MeV)

<sup>73</sup>Ta-174

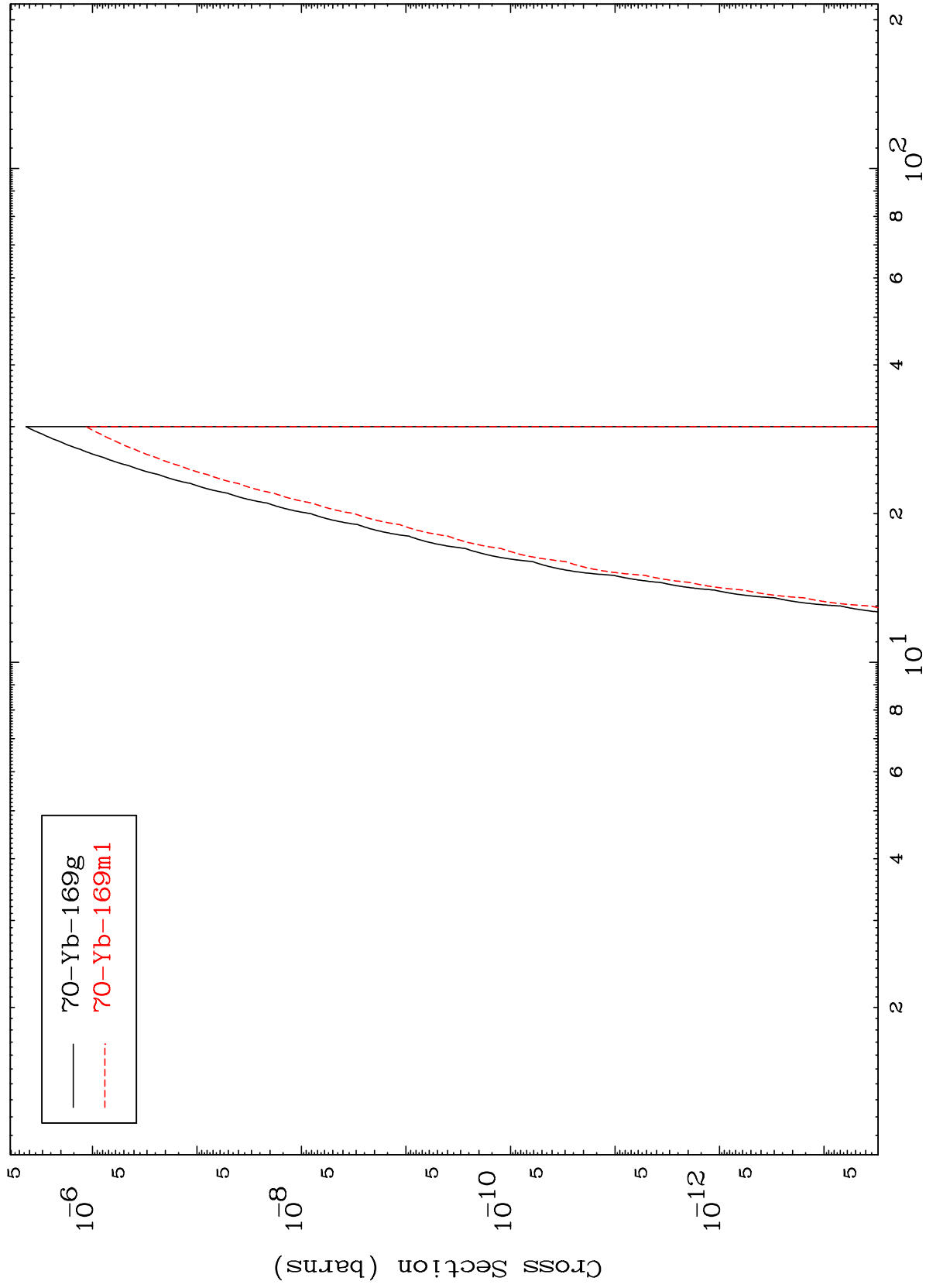


MAT 7307

(n,n') p  $\alpha$

<sup>73</sup>Ta-174

Radionuclide Production Cross Section



40

Incident Energy (MeV)

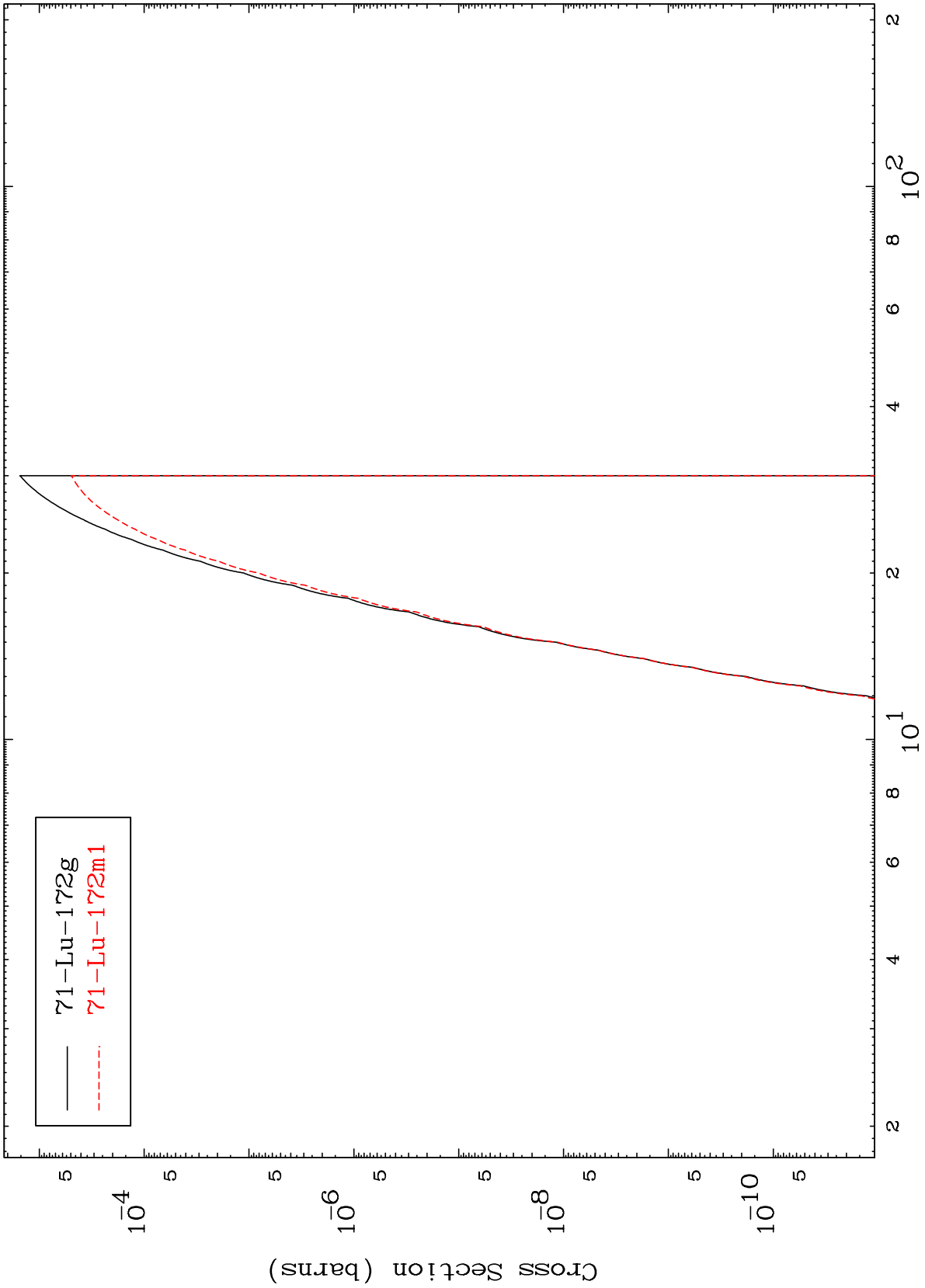
<sup>73</sup>Ta-174

MAT 7307

(n, He-3)

<sup>73</sup>Ta-174

Radionuclide Production Cross Section



— 71-Lu-172g  
- - - 71-Lu-172m1

41

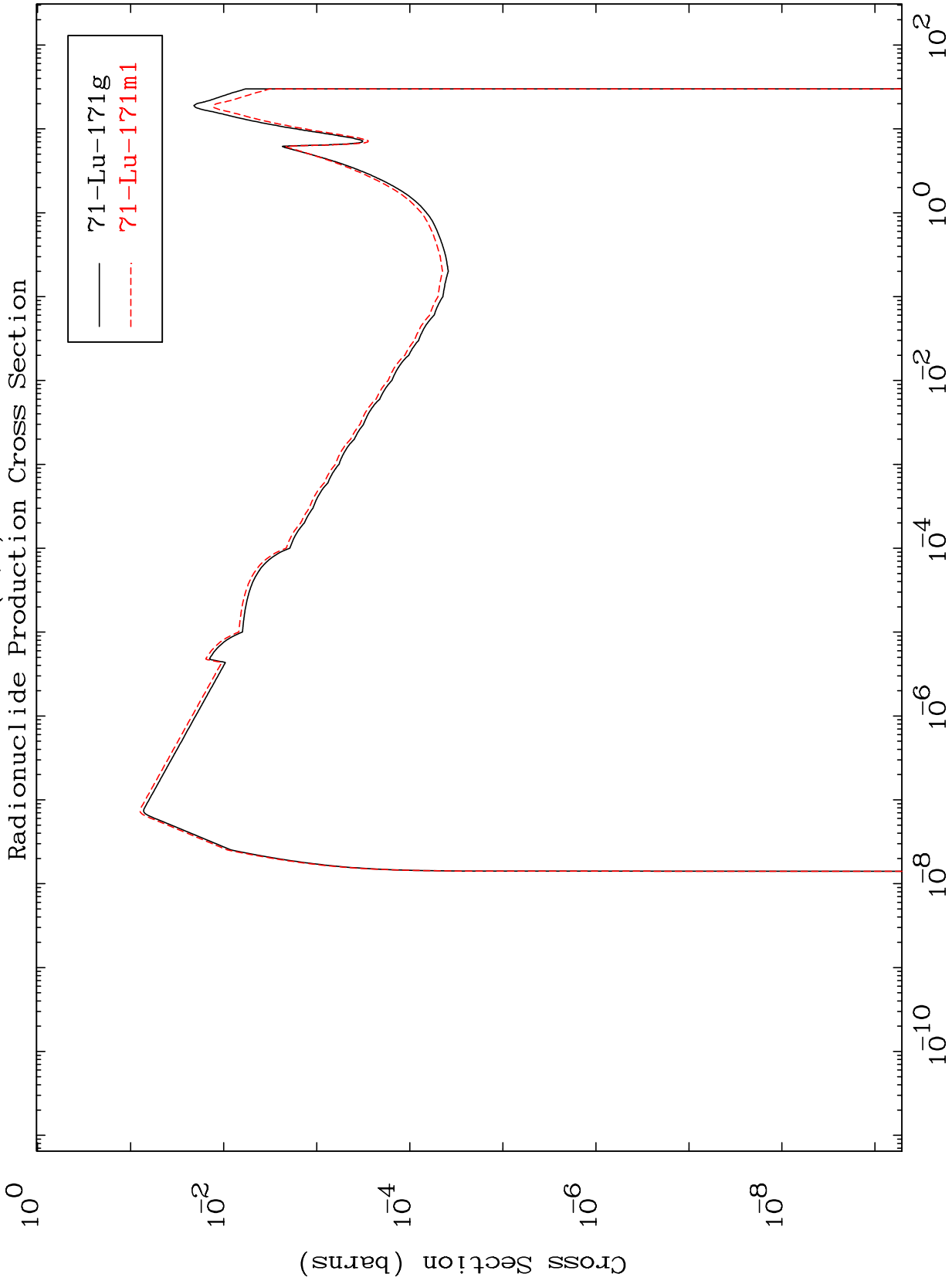
Incident Energy (MeV)

<sup>73</sup>Ta-174

MAT 7307

73-Ta-174

(n,  $\alpha$ )  
Radionuclide Production Cross Section



42

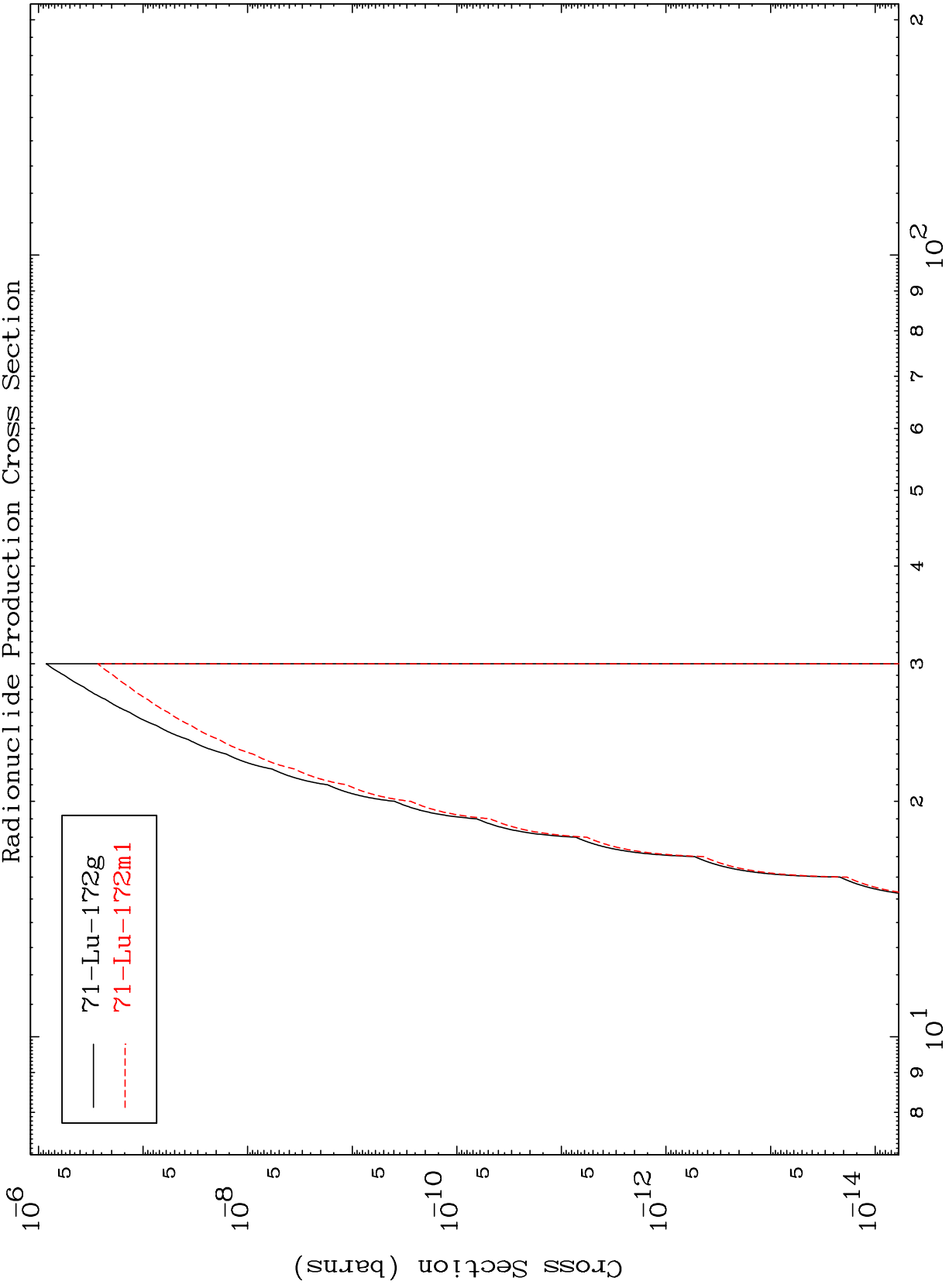
73-Ta-174

MAT 7307

(n,p) d

<sup>73</sup>Ta-174

Radionuclide Production Cross Section



43

Incident Energy (MeV)

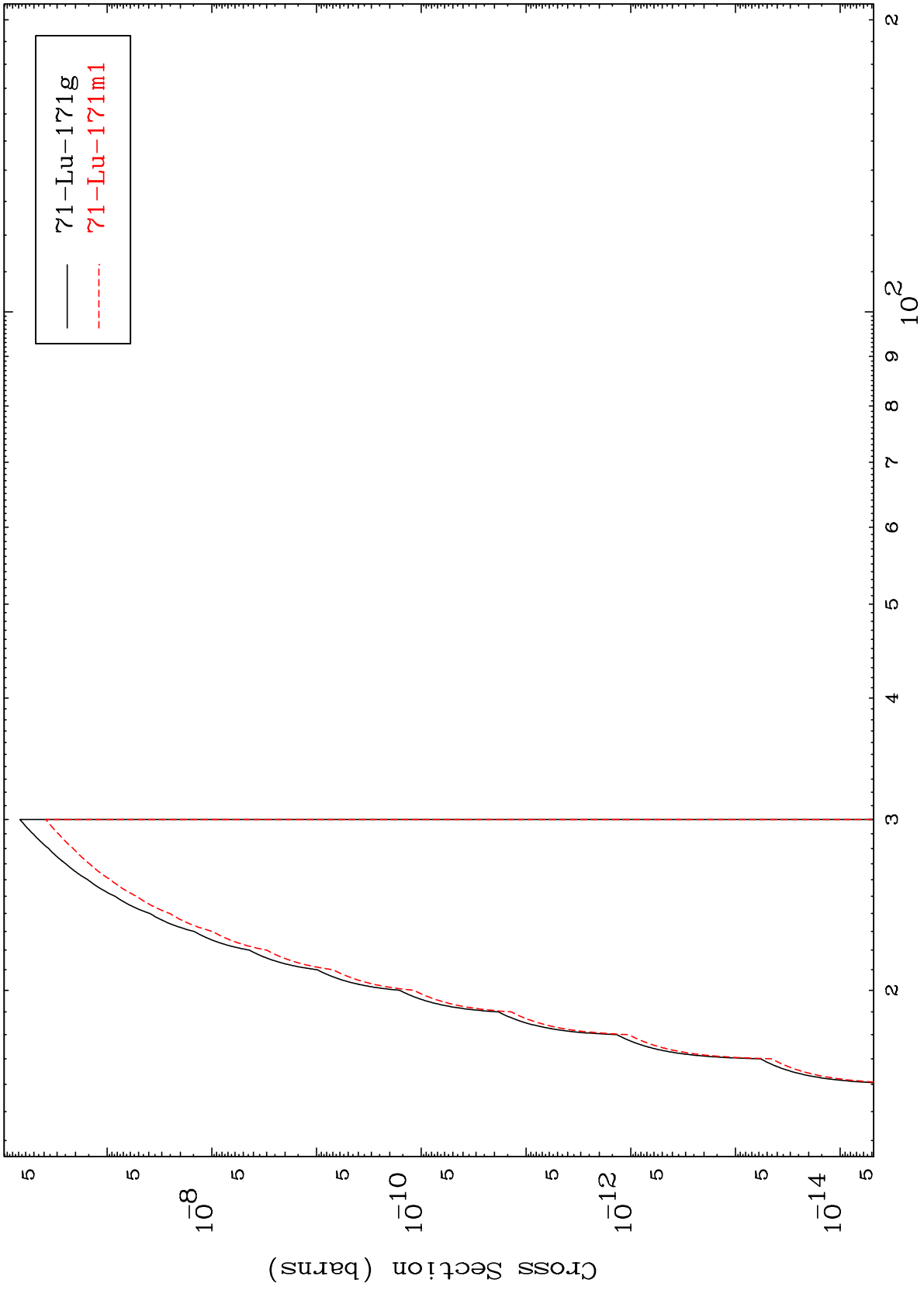
<sup>73</sup>Ta-174

MAT 7307

(n,p) t

<sup>73</sup>Ta-174

Radionuclide Production Cross Section



44

Incident Energy (MeV)

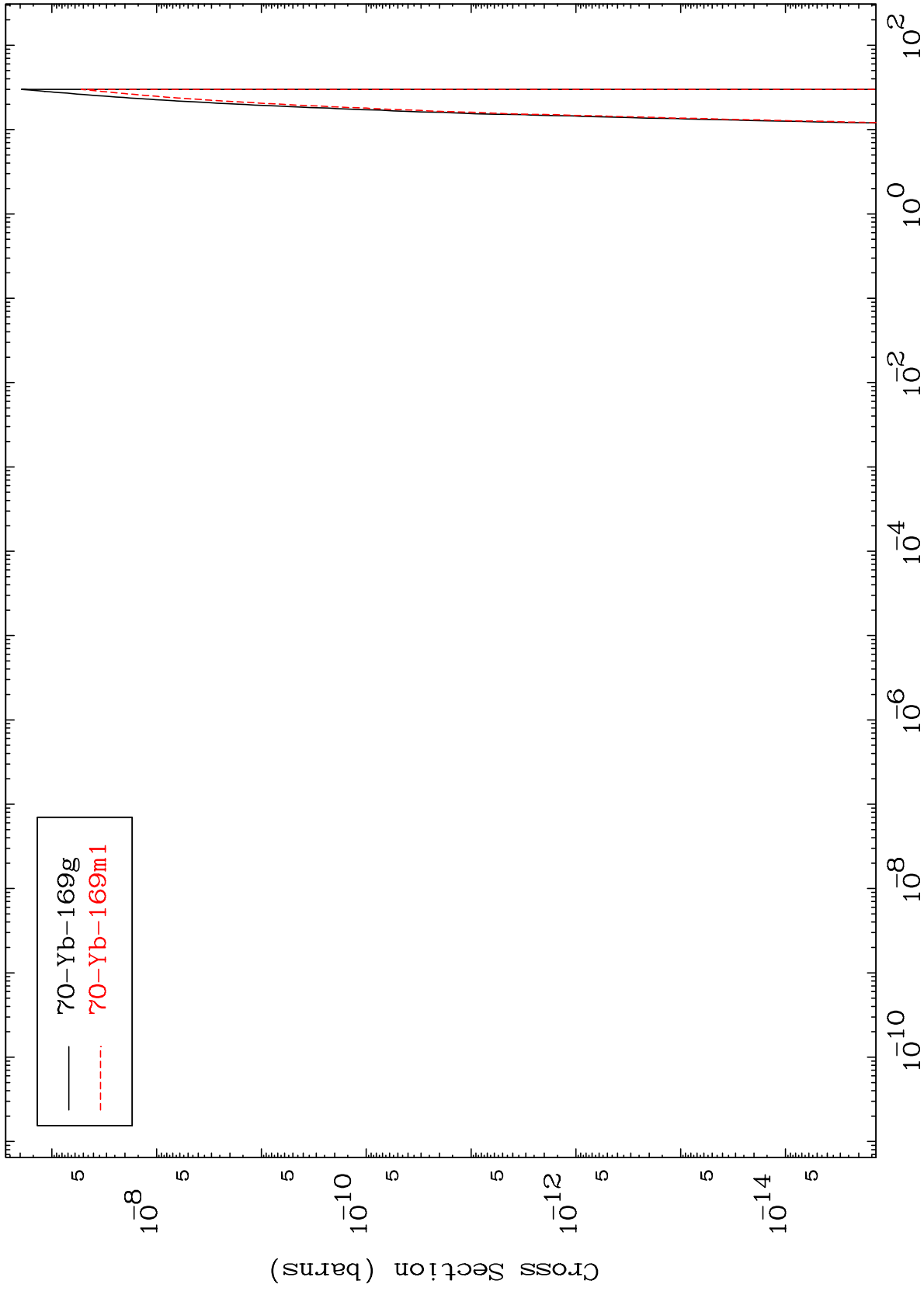
<sup>73</sup>Ta-174

MAT 7307

(n,d)  $\alpha$

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

Radionuclide Production Cross Section



45

Incident Energy (MeV)

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