

Program EVALPLOT  
(Version 2018-1)

by

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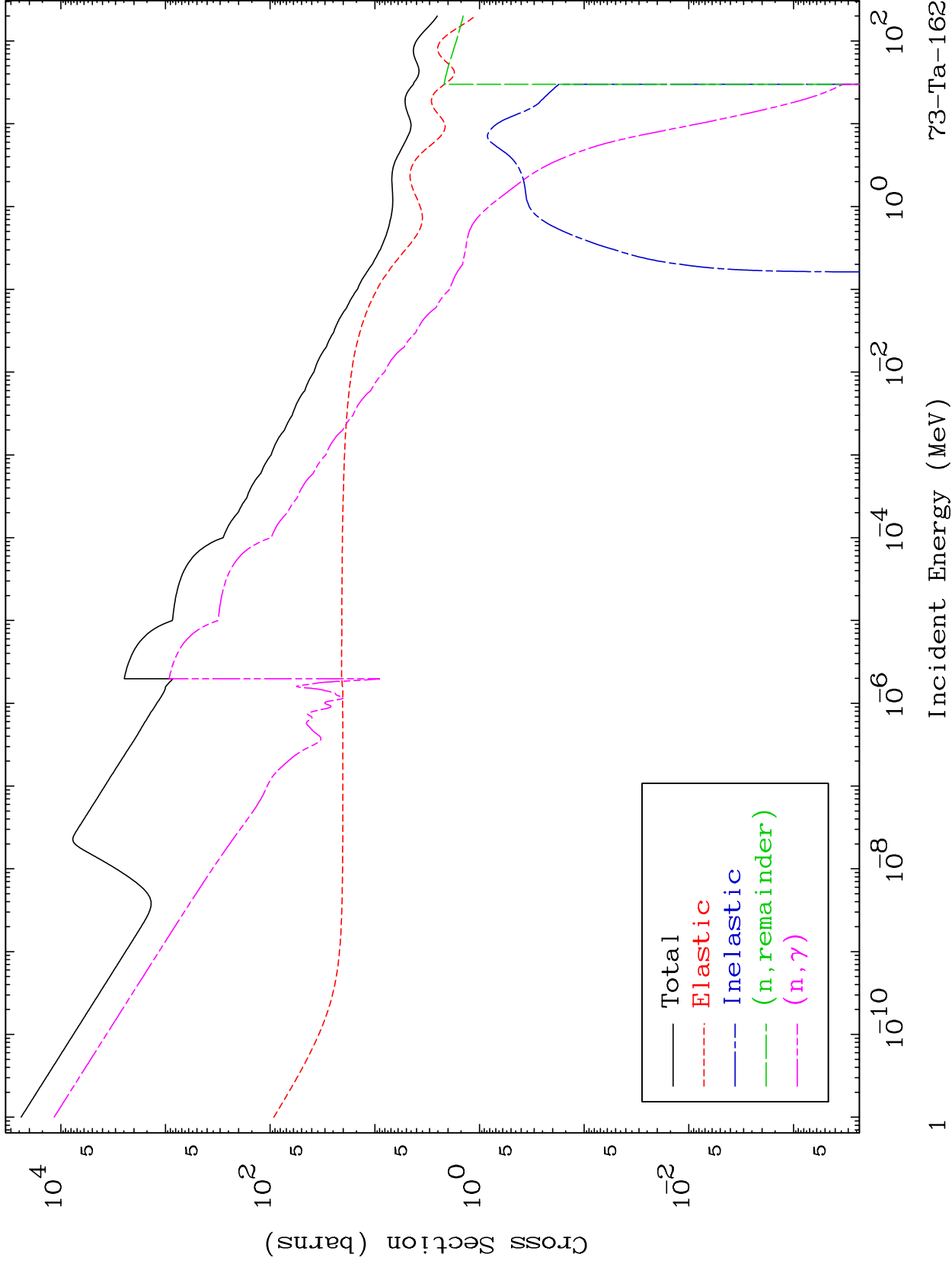
Press Mouse Button to Start

MAT 7271

Major

293 Kelvin Cross Sections

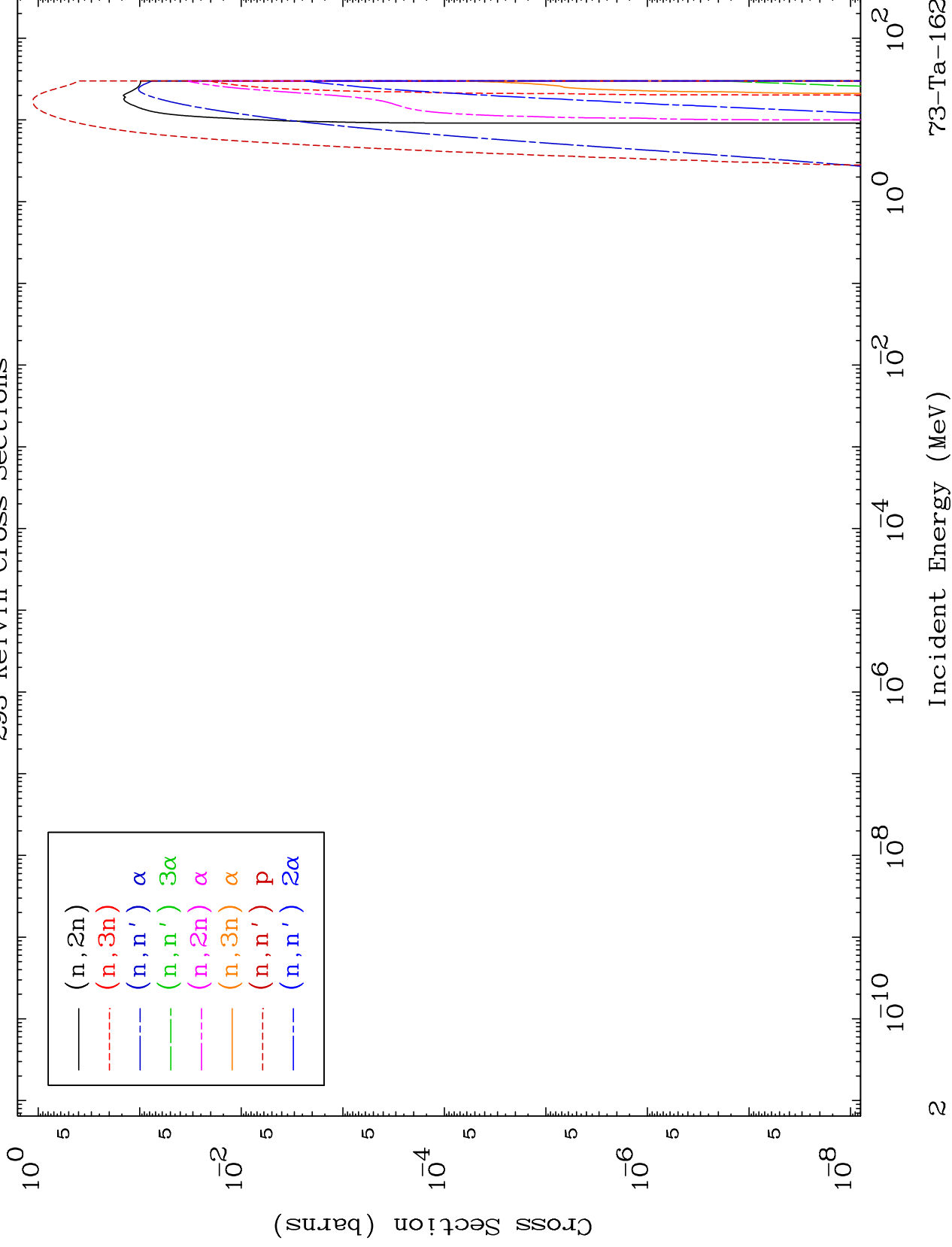
73-Ta-162



MAT 7271

Neutron Production  
293 Kelvin Cross Sections

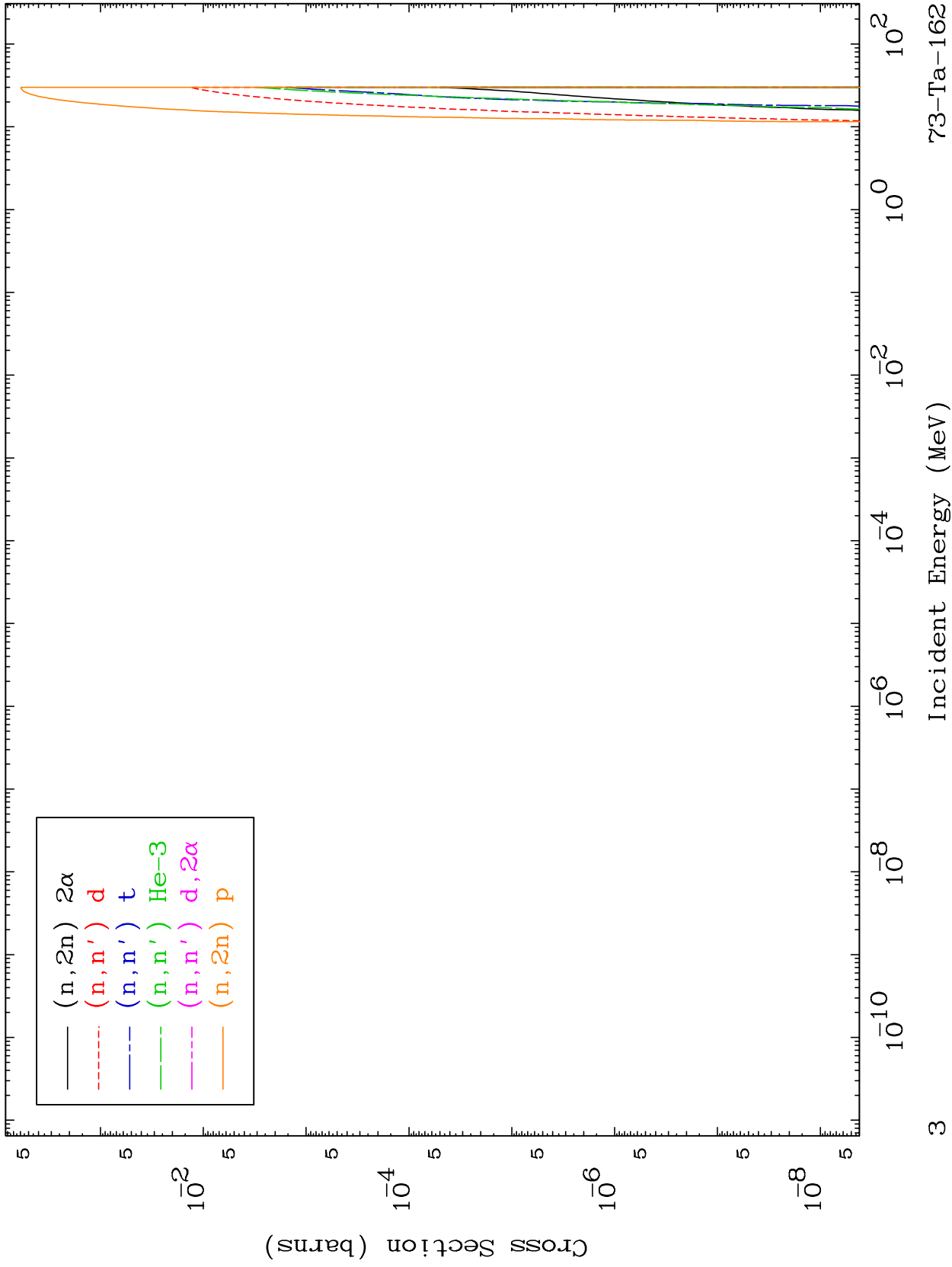
73-Ta-162



MAT 7271

Neutron Production  
293 Kelvin Cross Sections

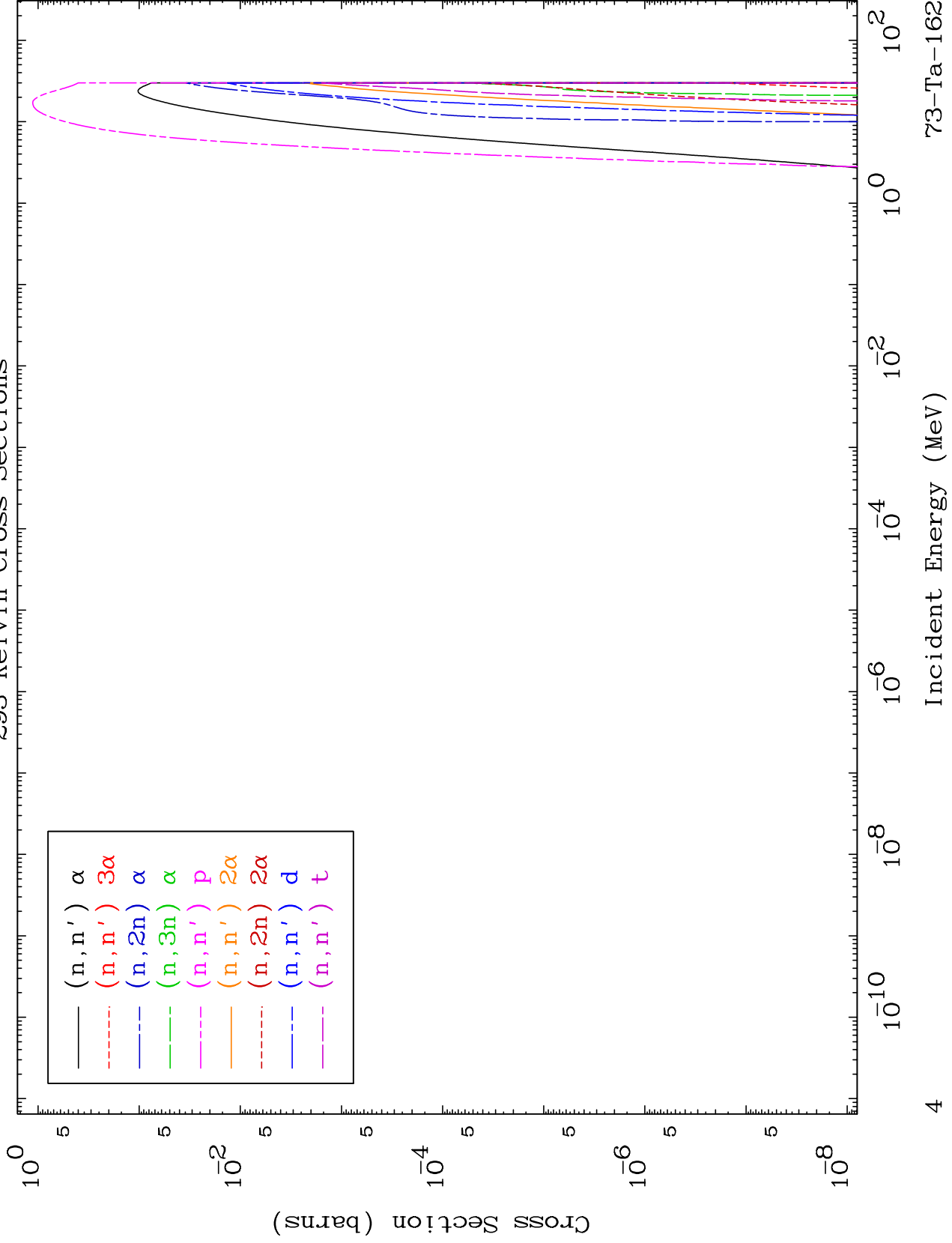
<sup>73</sup>Ta-162



MAT 7271

Charged Particle  
293 Kelvin Cross Sections

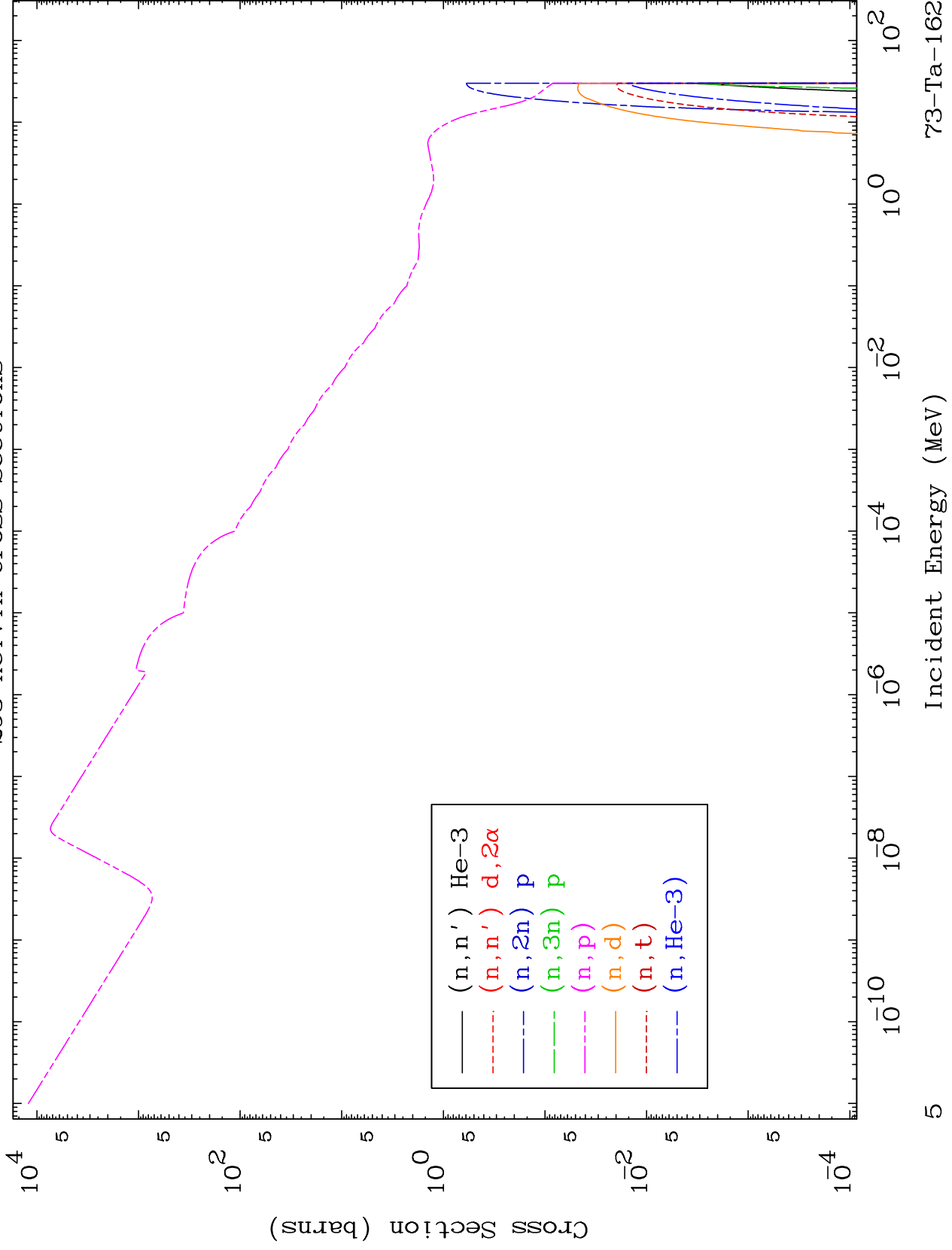
73-Ta-162



MAT 7271

Charged Particle  
293 Kelvin Cross Sections

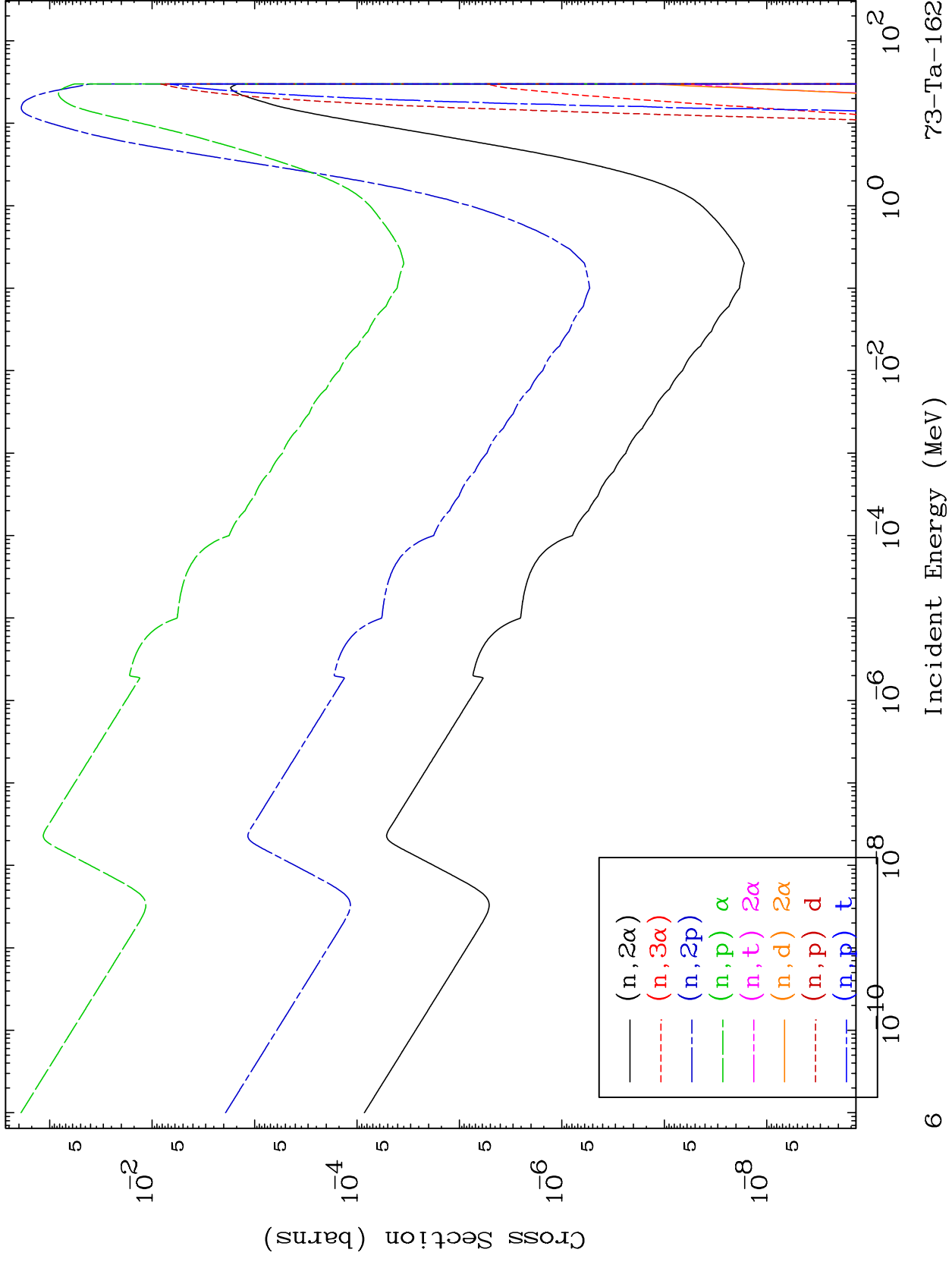
73-Ta-162



MAT 7271

Charged Particle  
293 Kelvin Cross Sections

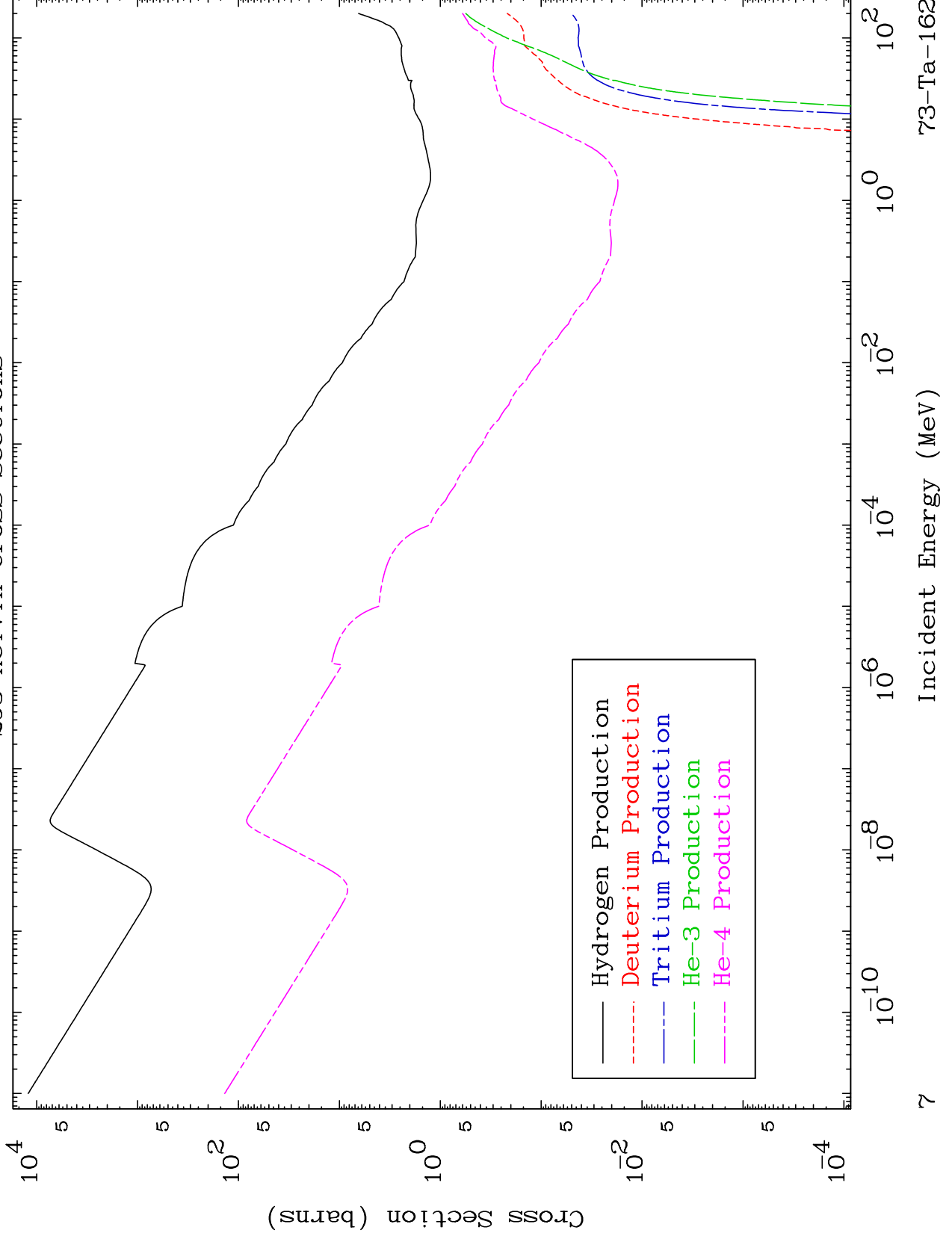
73-Ta-162



MAT 7271

Particle Production  
293 Kelvin Cross Sections

73-Ta-162

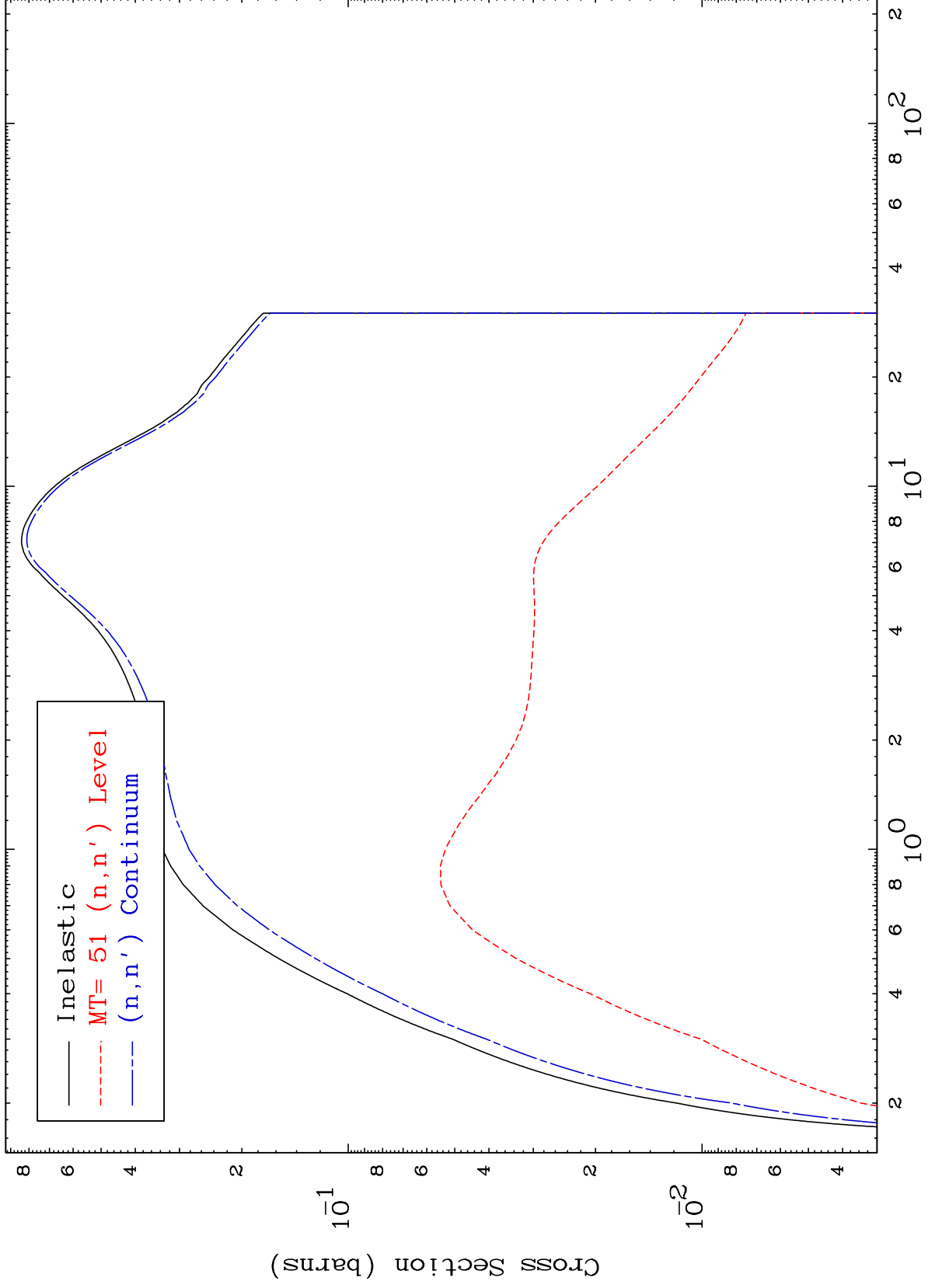




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293 Kelvin Cross Sections  
(n,n') Level

73-Ta-162



8

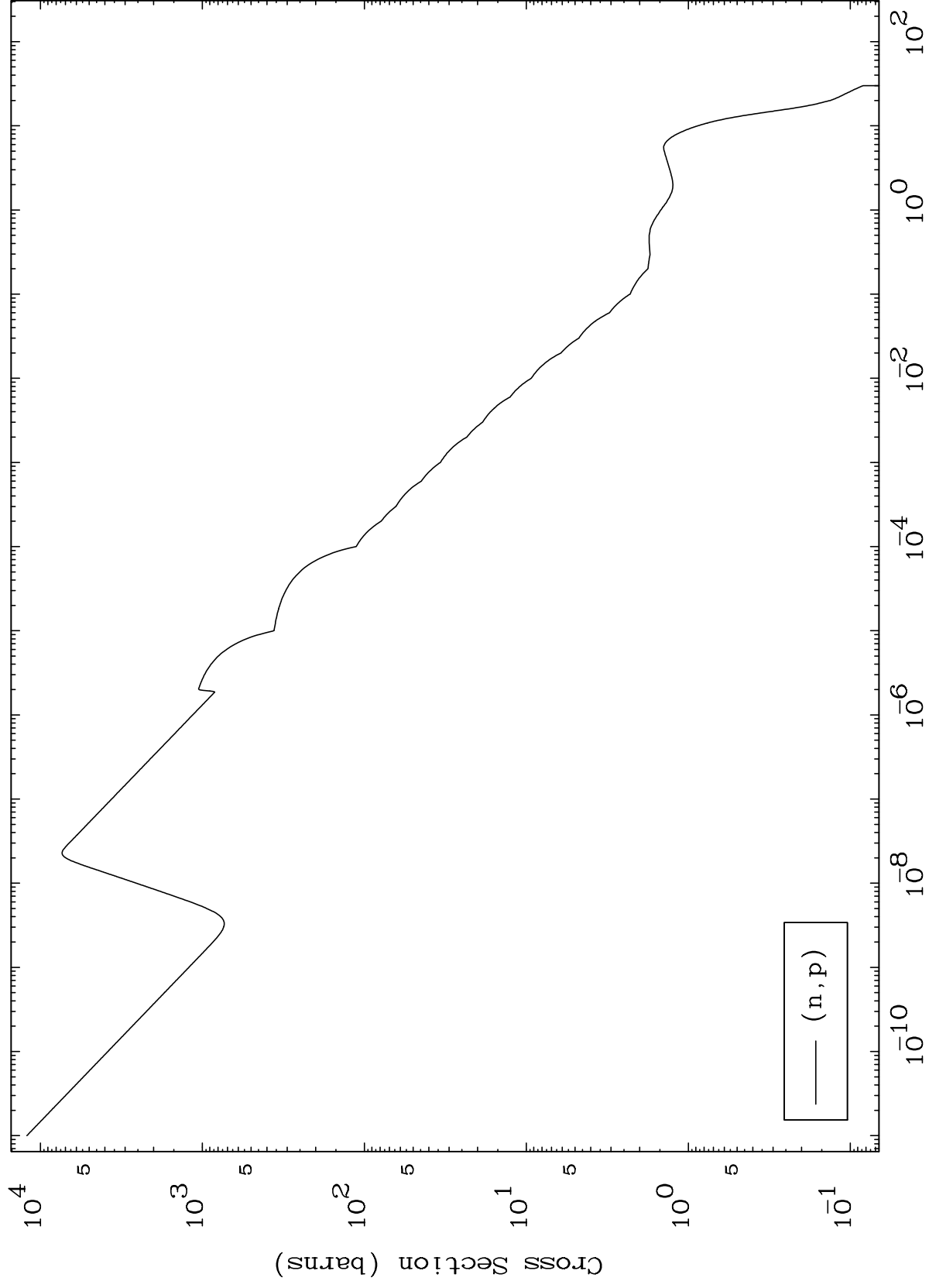
Incident Energy (MeV)

73-Ta-162

MAT 7271

(n,p) Levels  
293 Kelvin Cross Sections

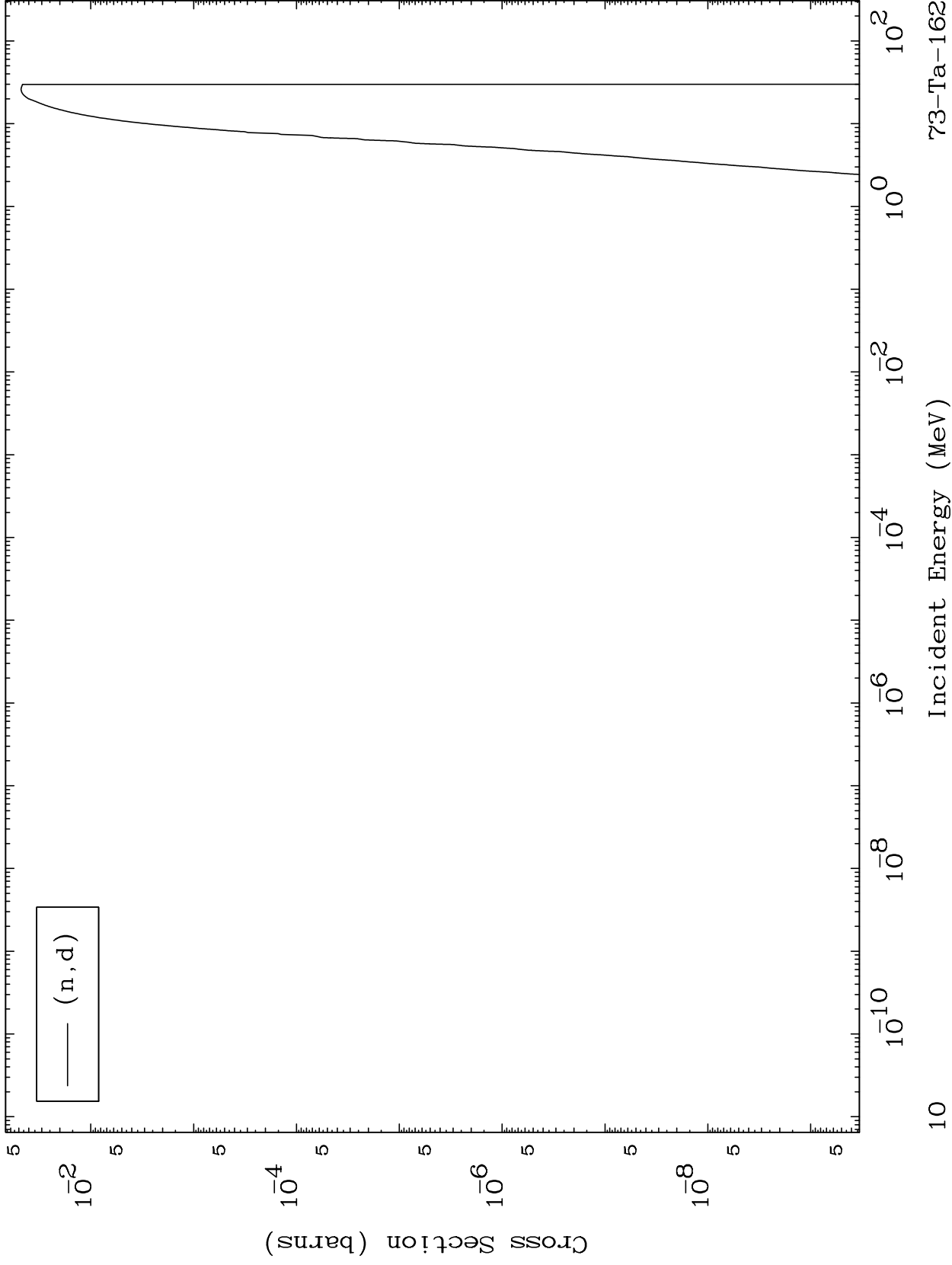
73-Ta-162



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(n,d) Levels  
293 Kelvin Cross Sections

73-Ta-162



10

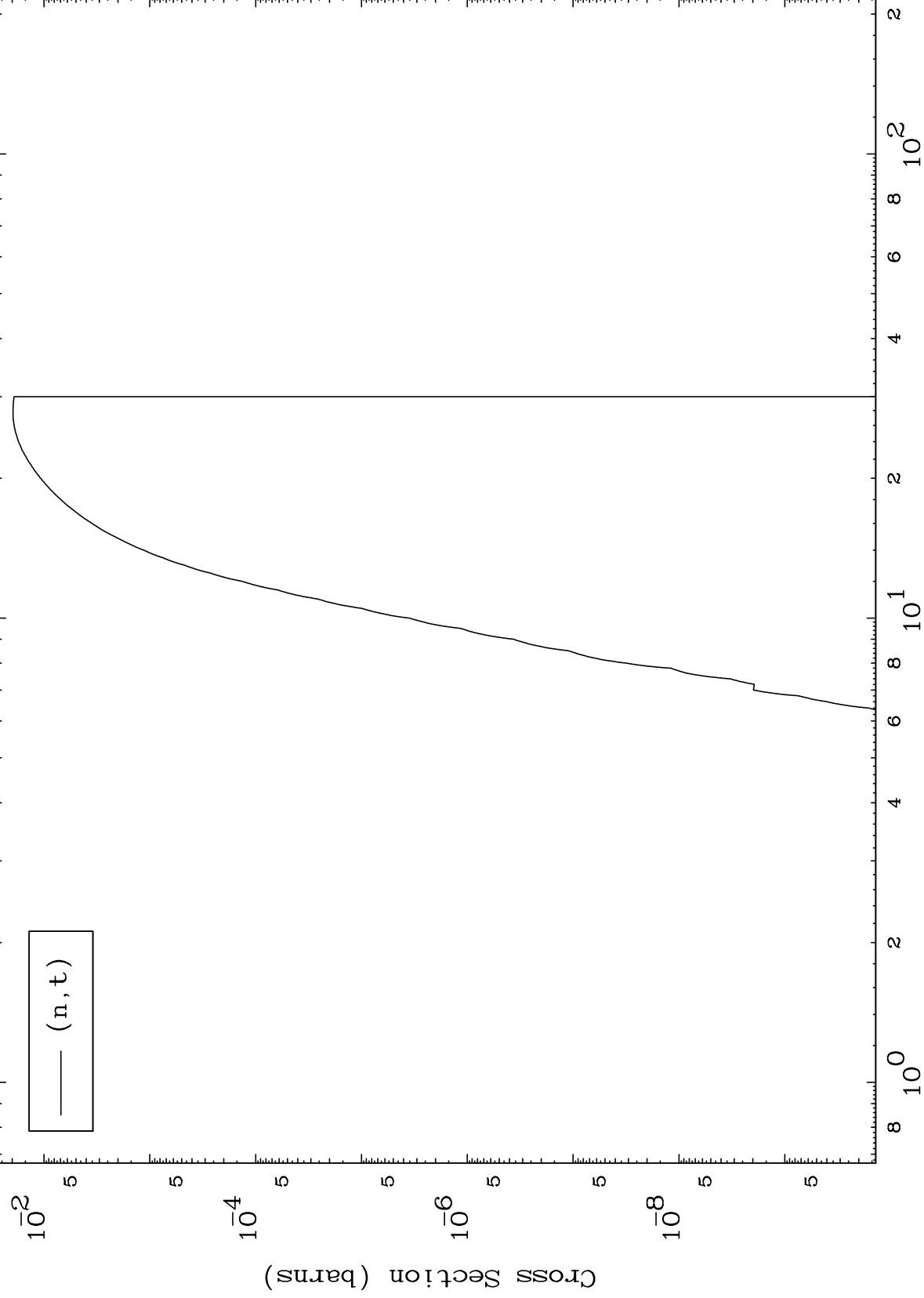
Incident Energy (MeV)

73-Ta-162

MAT 7271

(n,t) Levels  
293 Kelvin Cross Sections

73-Ta-162



11

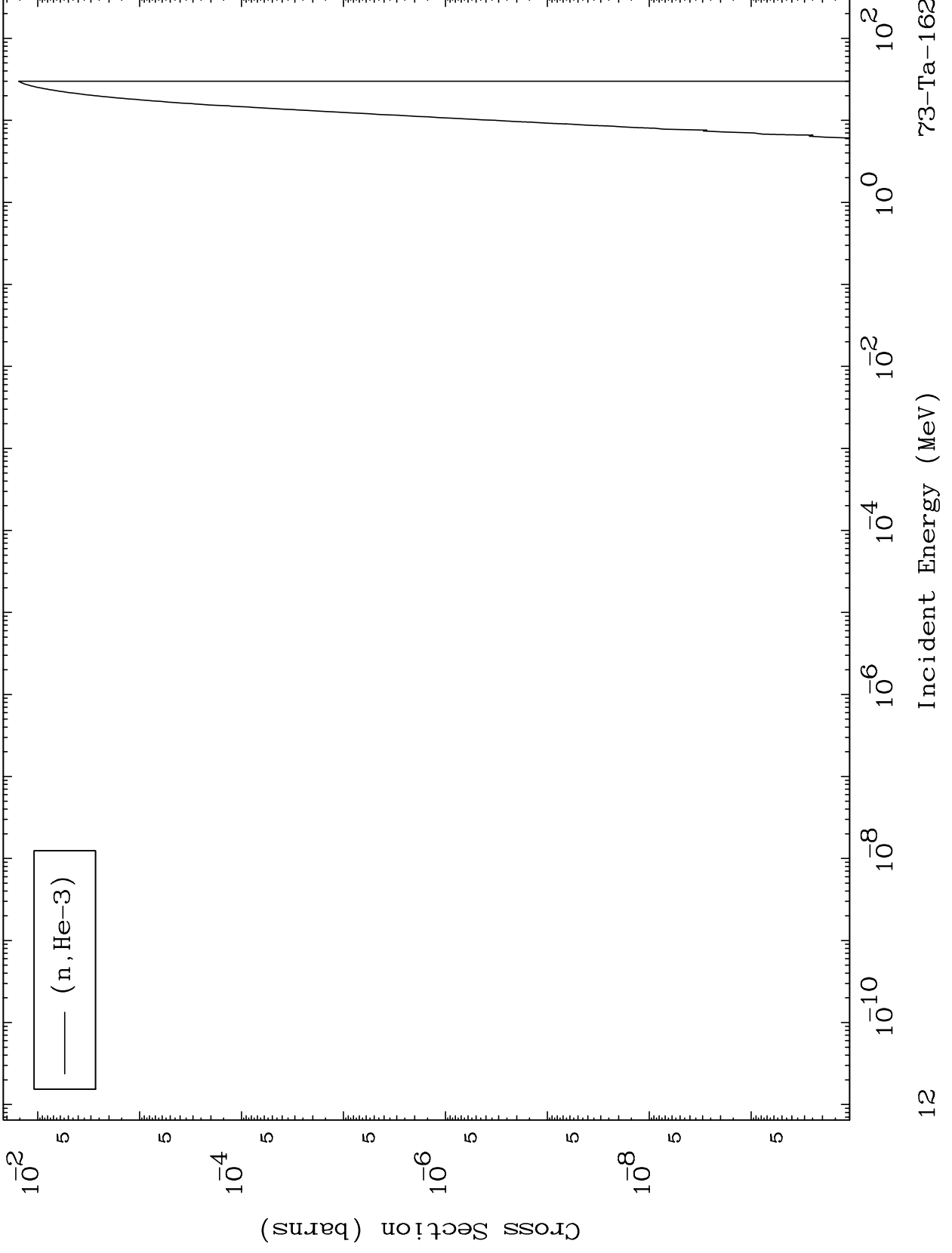
Incident Energy (MeV)

73-Ta-162

MAT 7271

(n,He3) Levels  
293 Kelvin Cross Sections

73-Ta-162



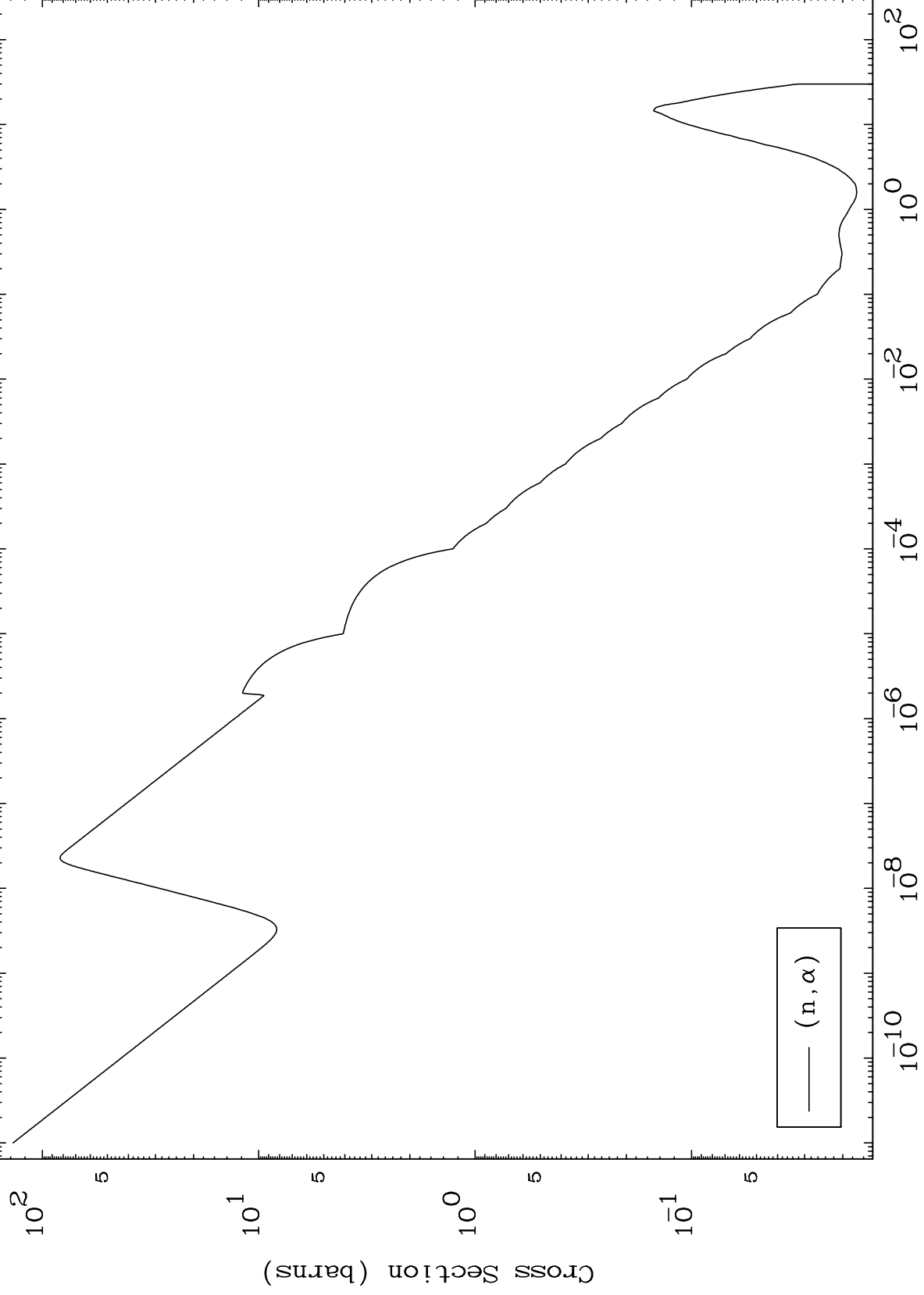
12

73-Ta-162

MAT 7271

(n,α) Levels  
293 Kelvin Cross Sections

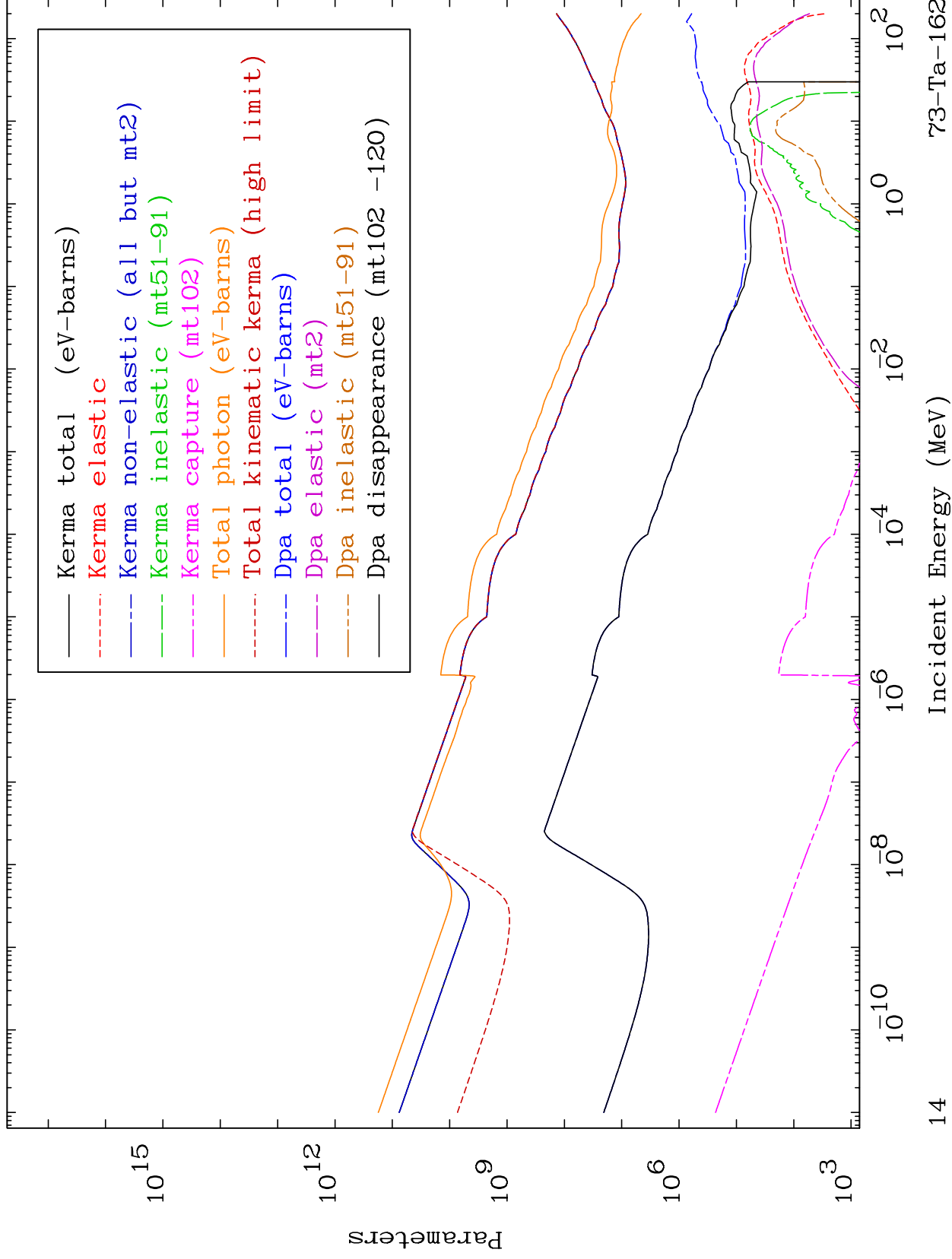
73-Ta-162

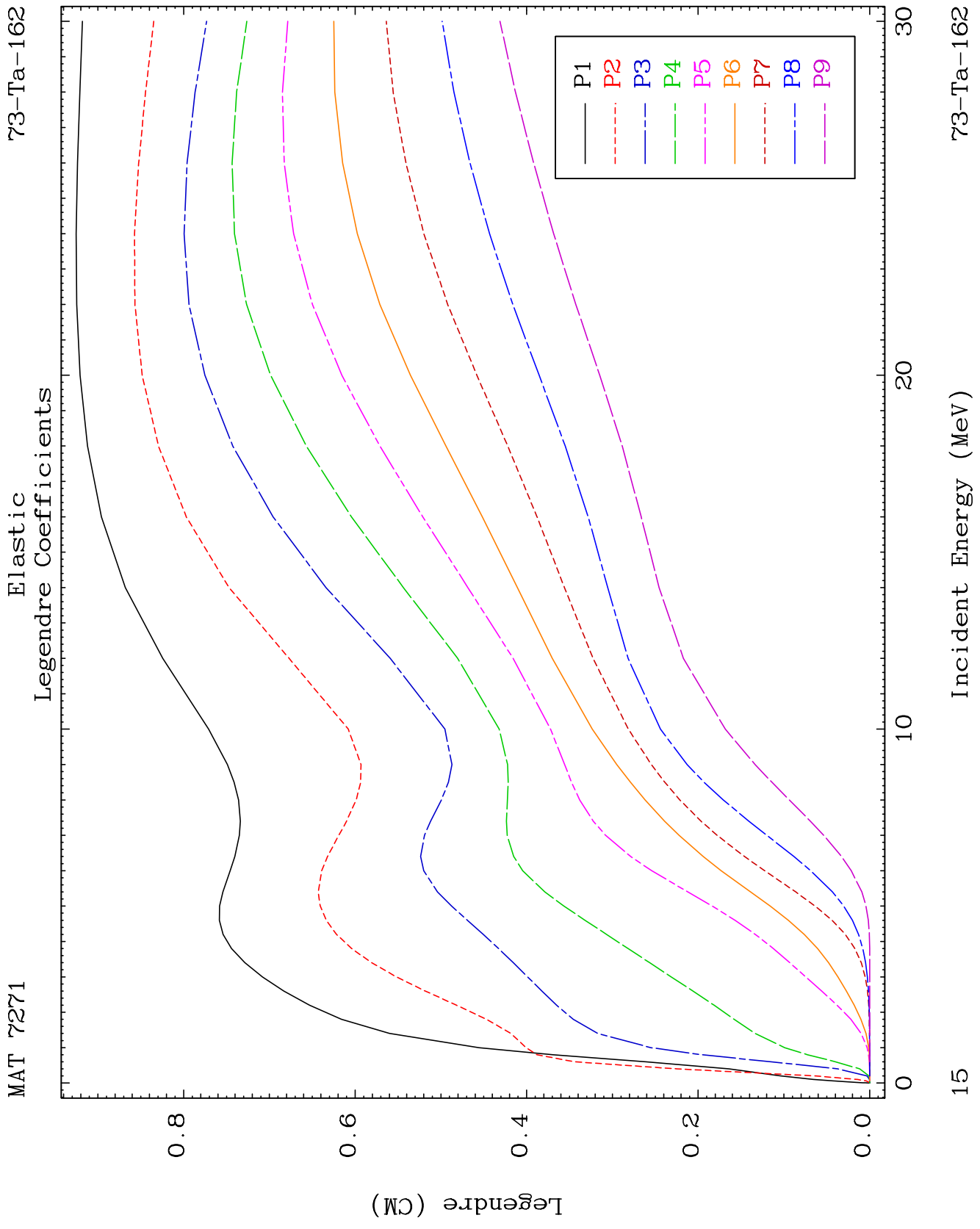


13

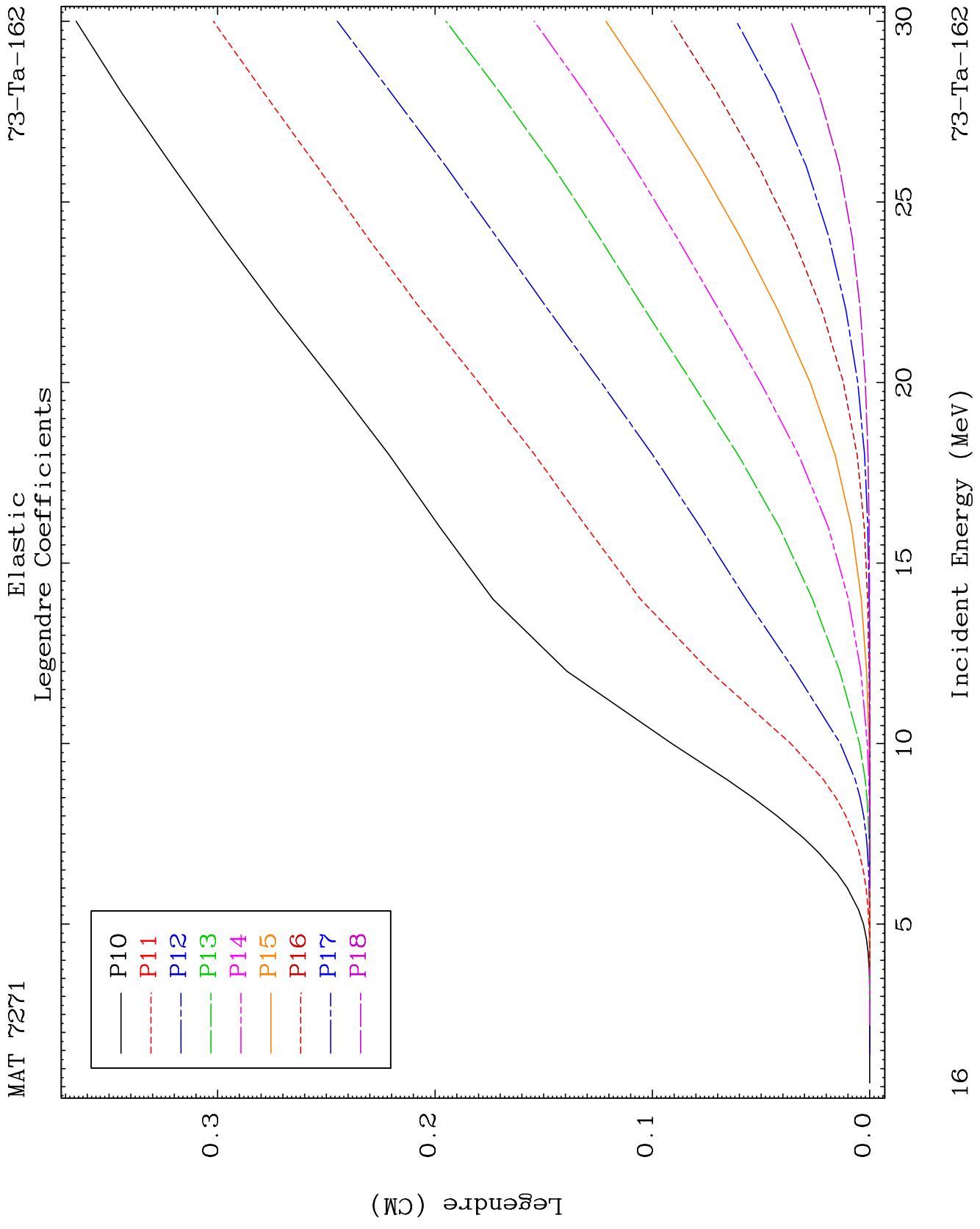
Incident Energy (MeV)

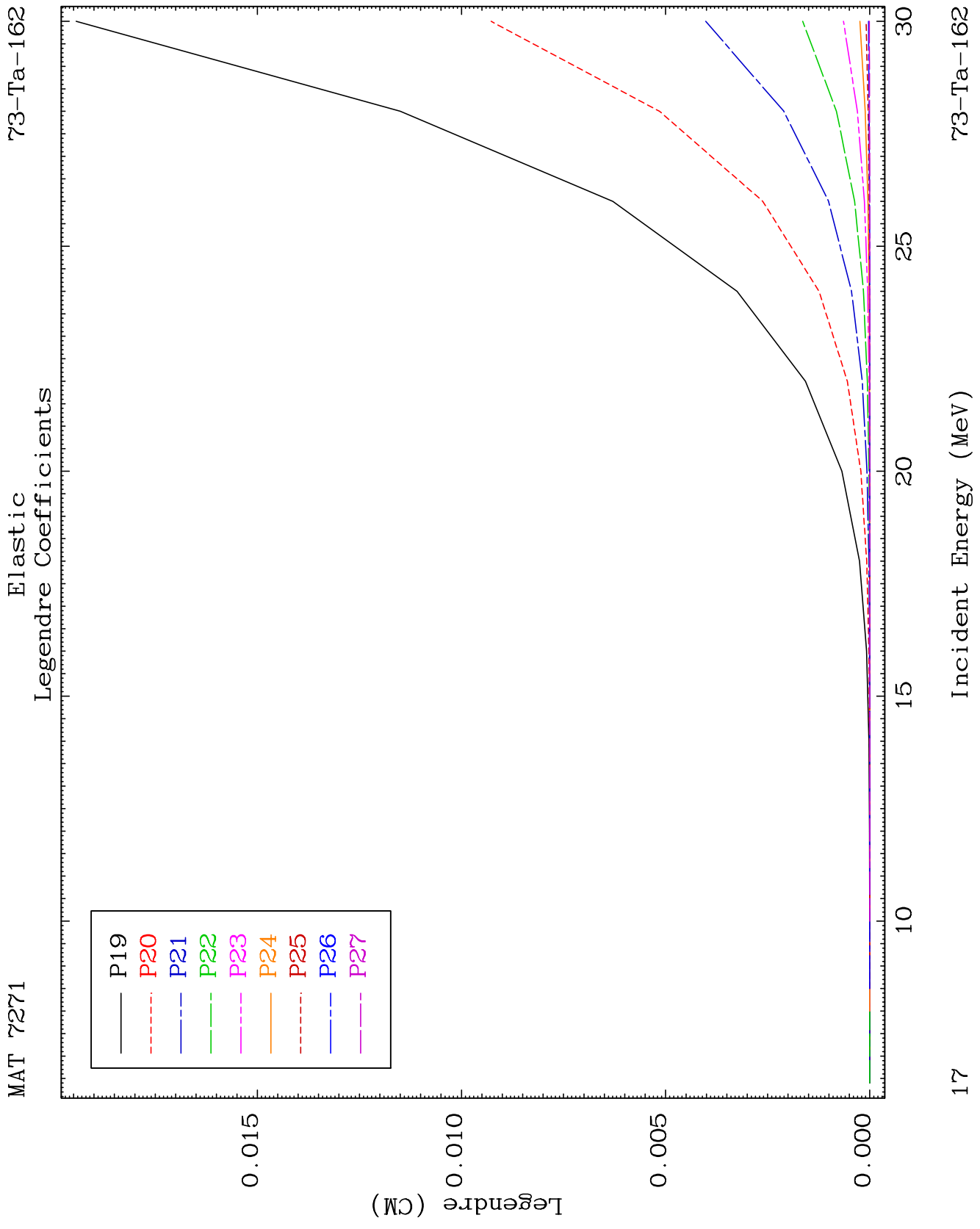
73-Ta-162







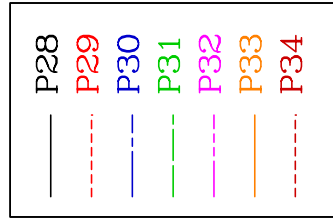




MAT 7271

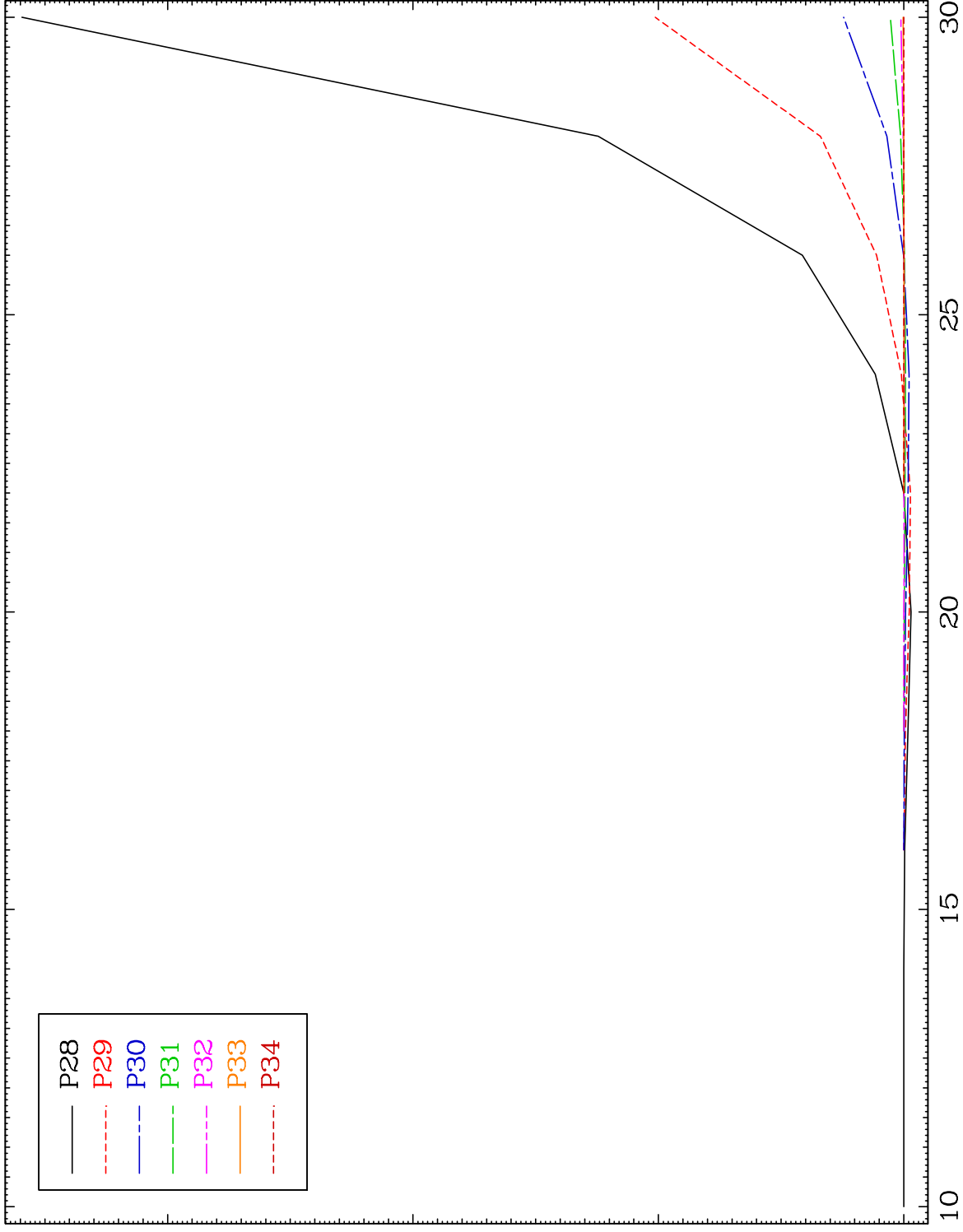
Elastic Legendre Coefficients

<sup>73</sup>Ta-162



$\times 10^{-6}$

Legendre (CM)



10

15

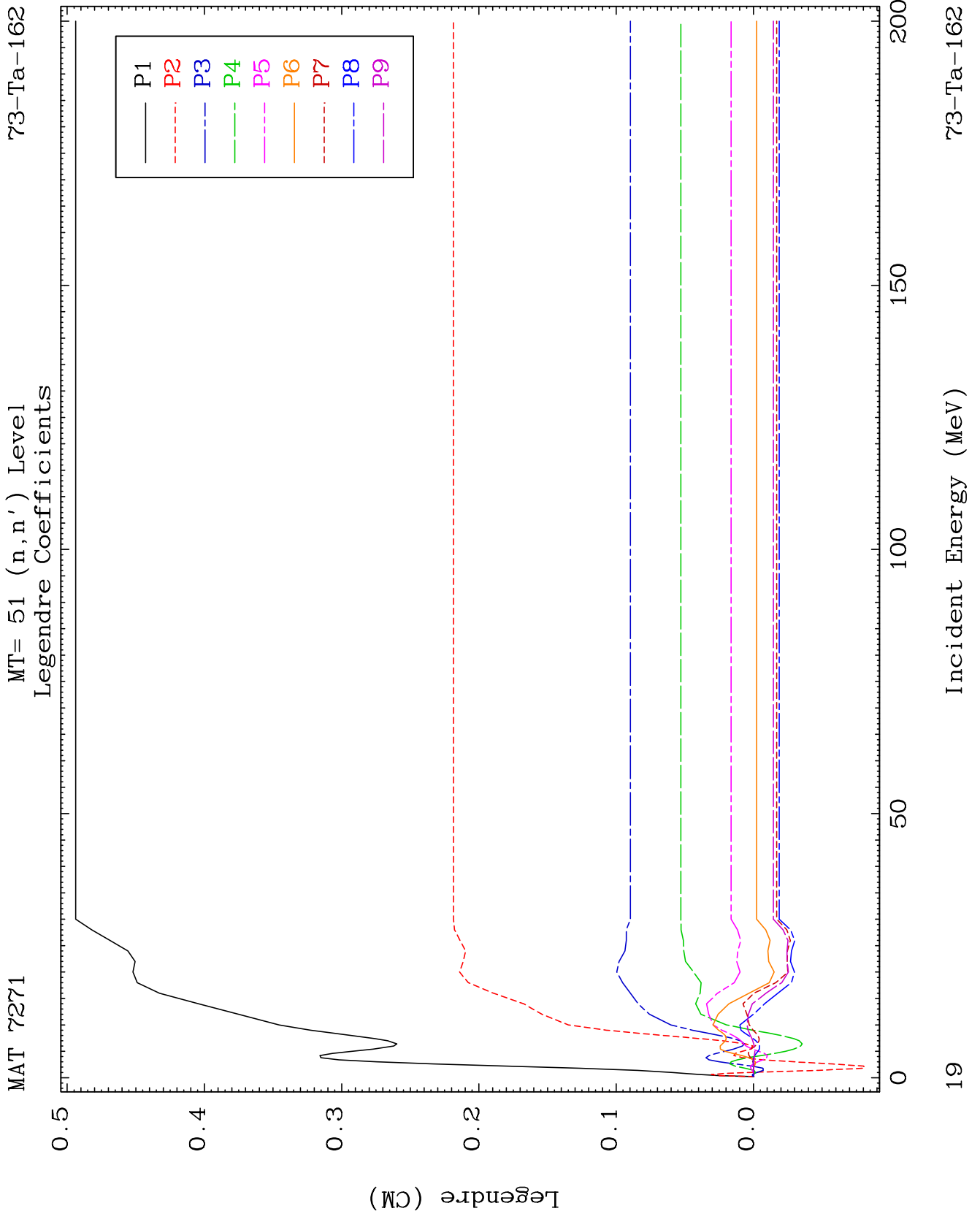
20

25

30

Incident Energy (MeV)

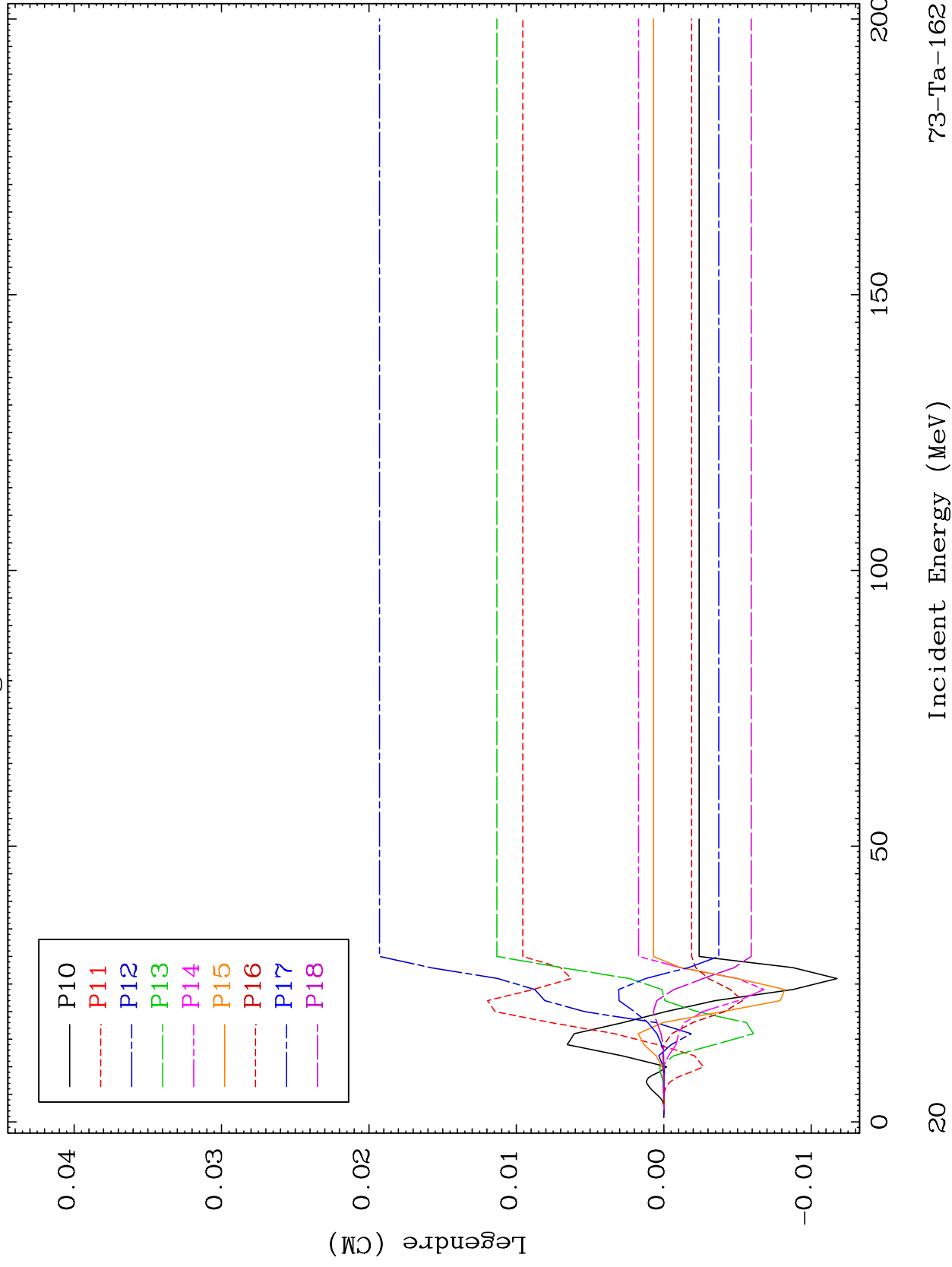
<sup>73</sup>Ta-162



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

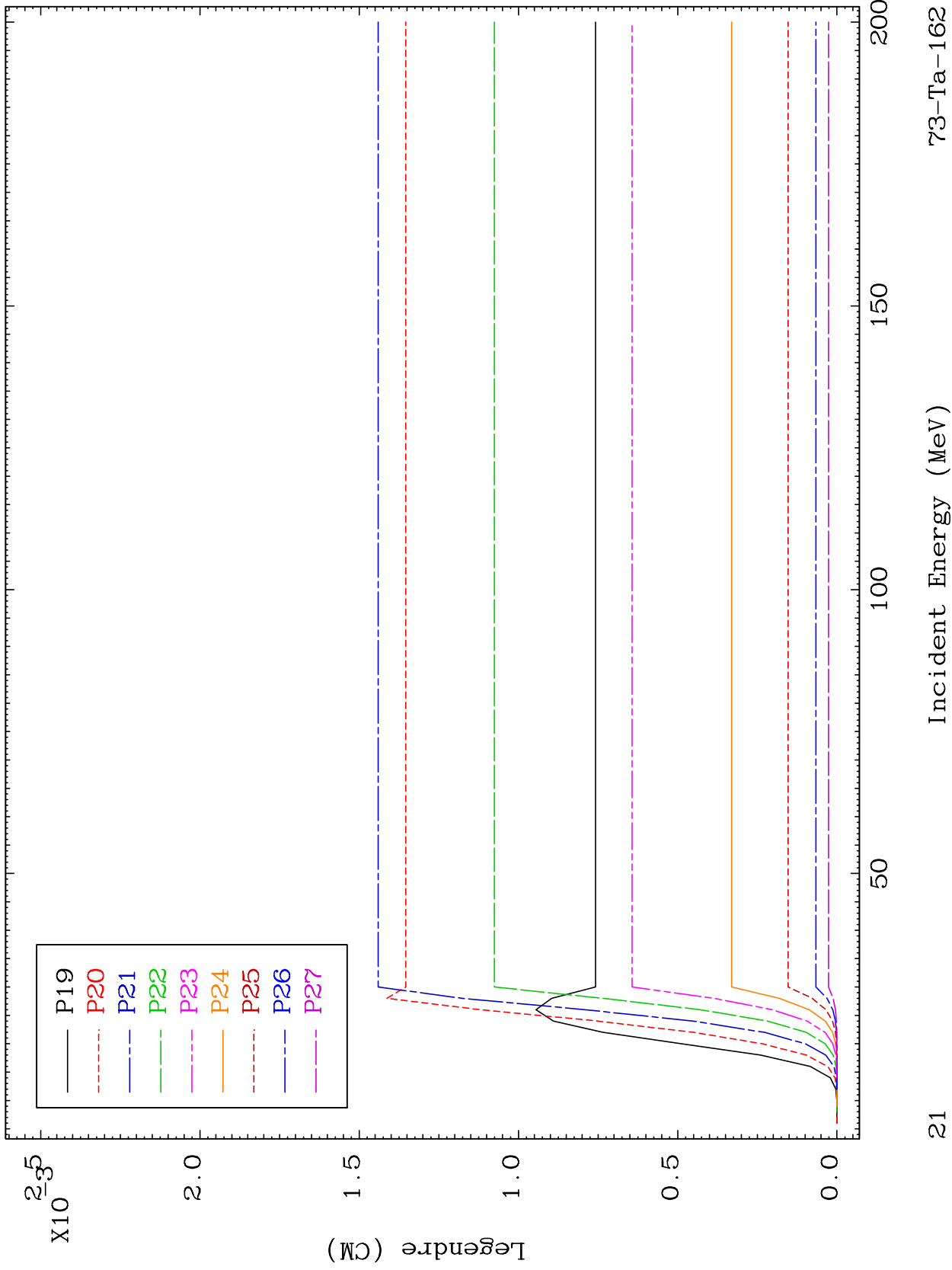
73-Ta-162



73-Ta-162

Incident Energy (MeV)

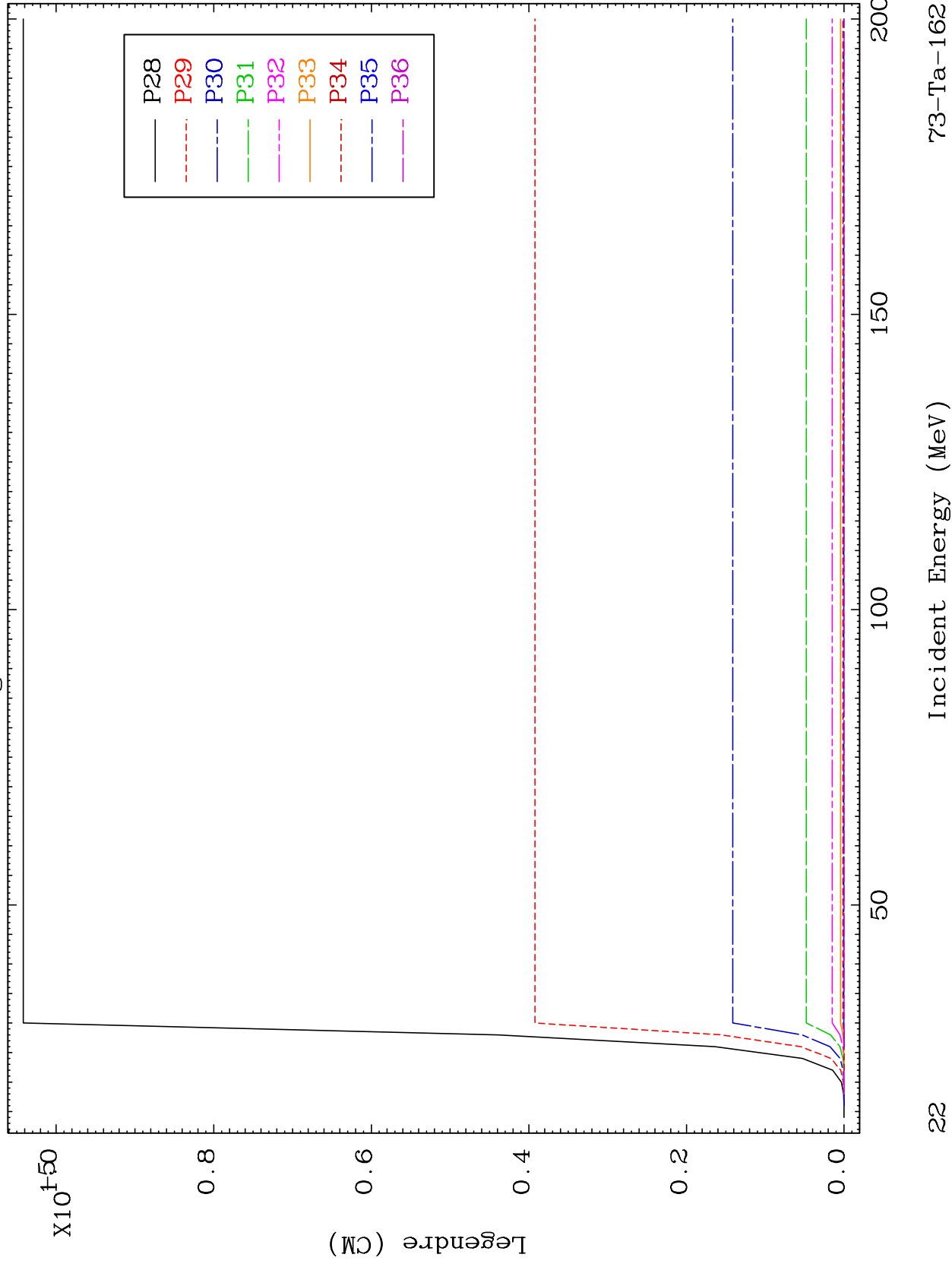
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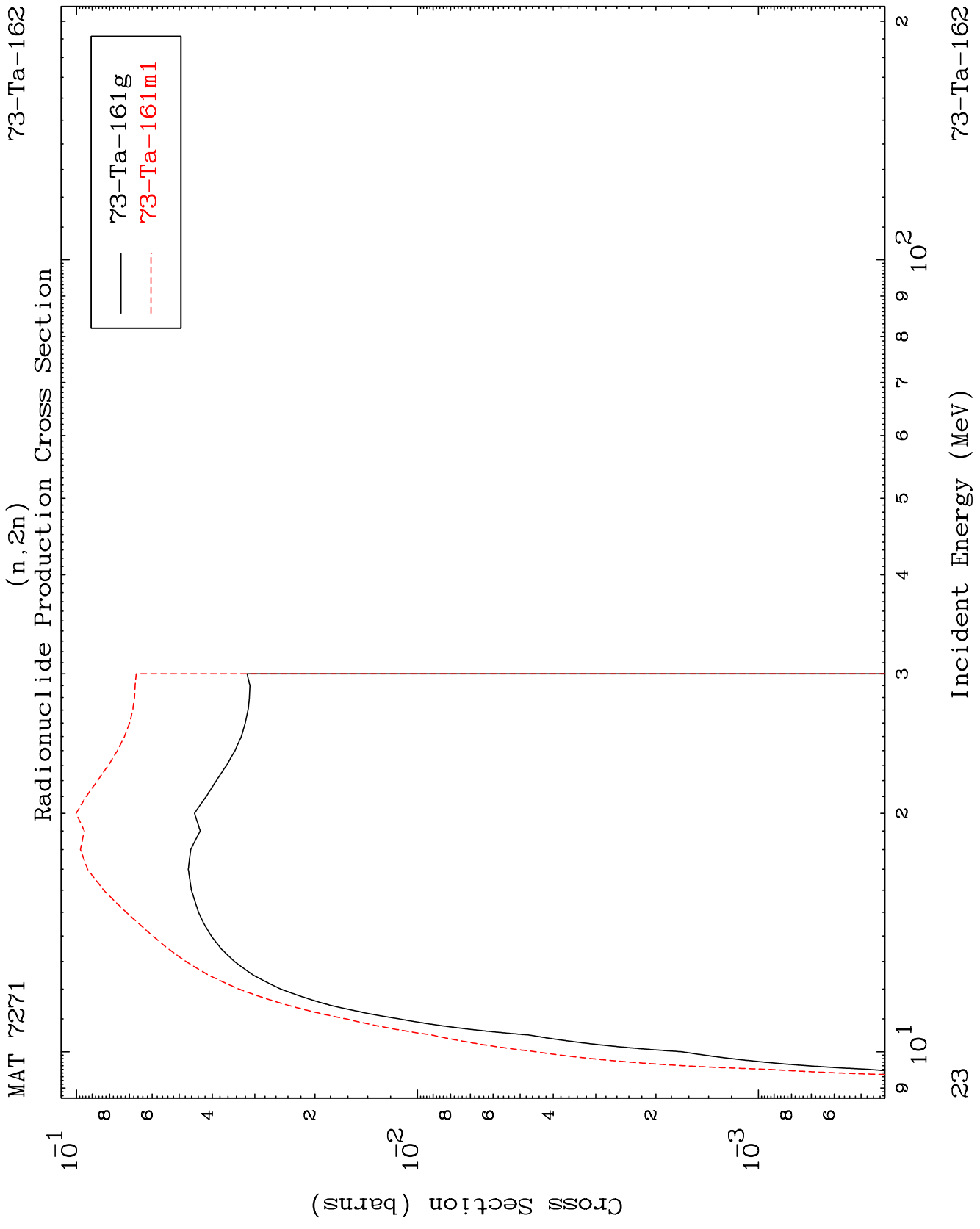
MAT 7271

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

73-Ta-162



22

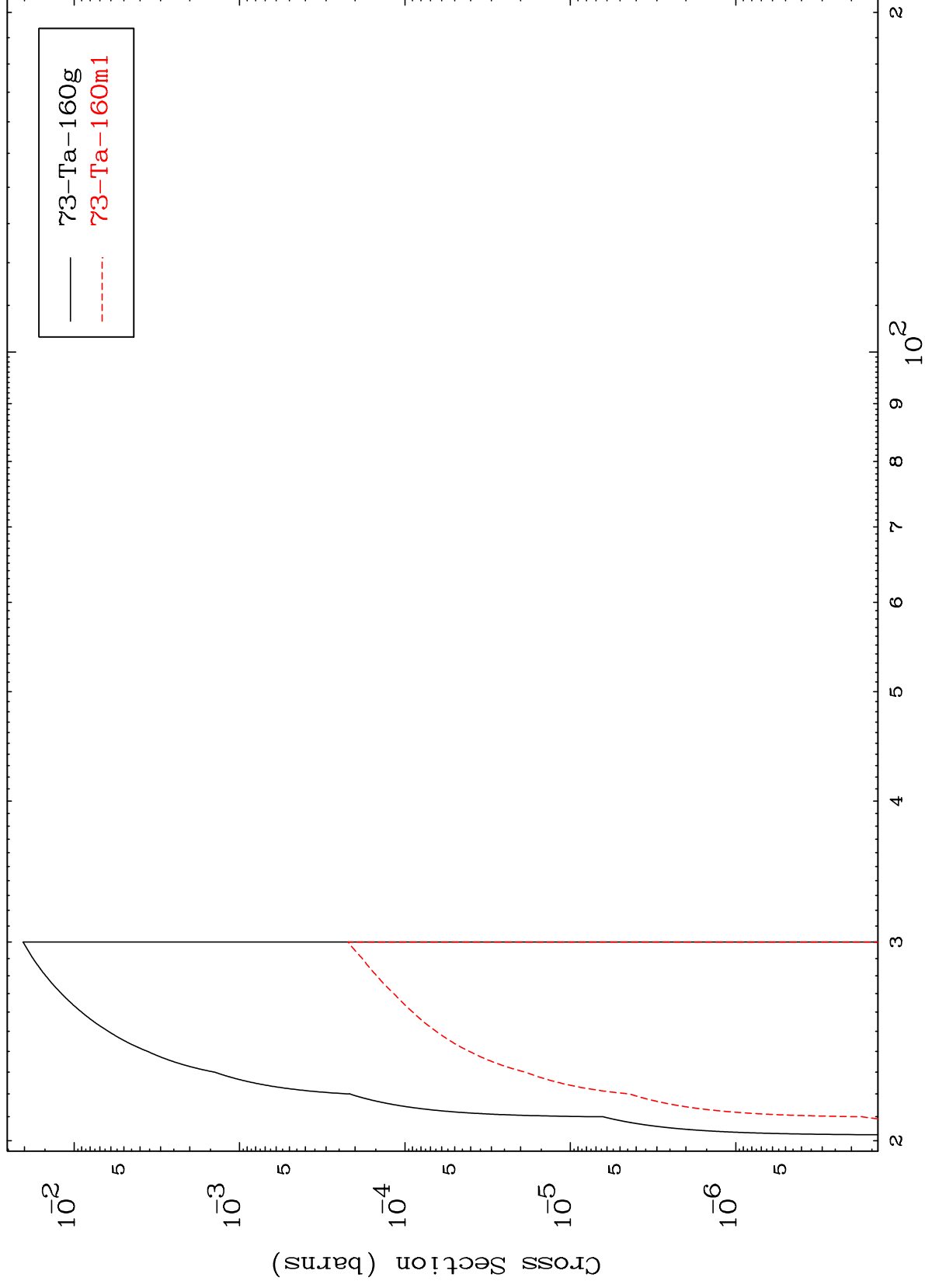




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<sup>73</sup>Ta-162

(n,3n)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

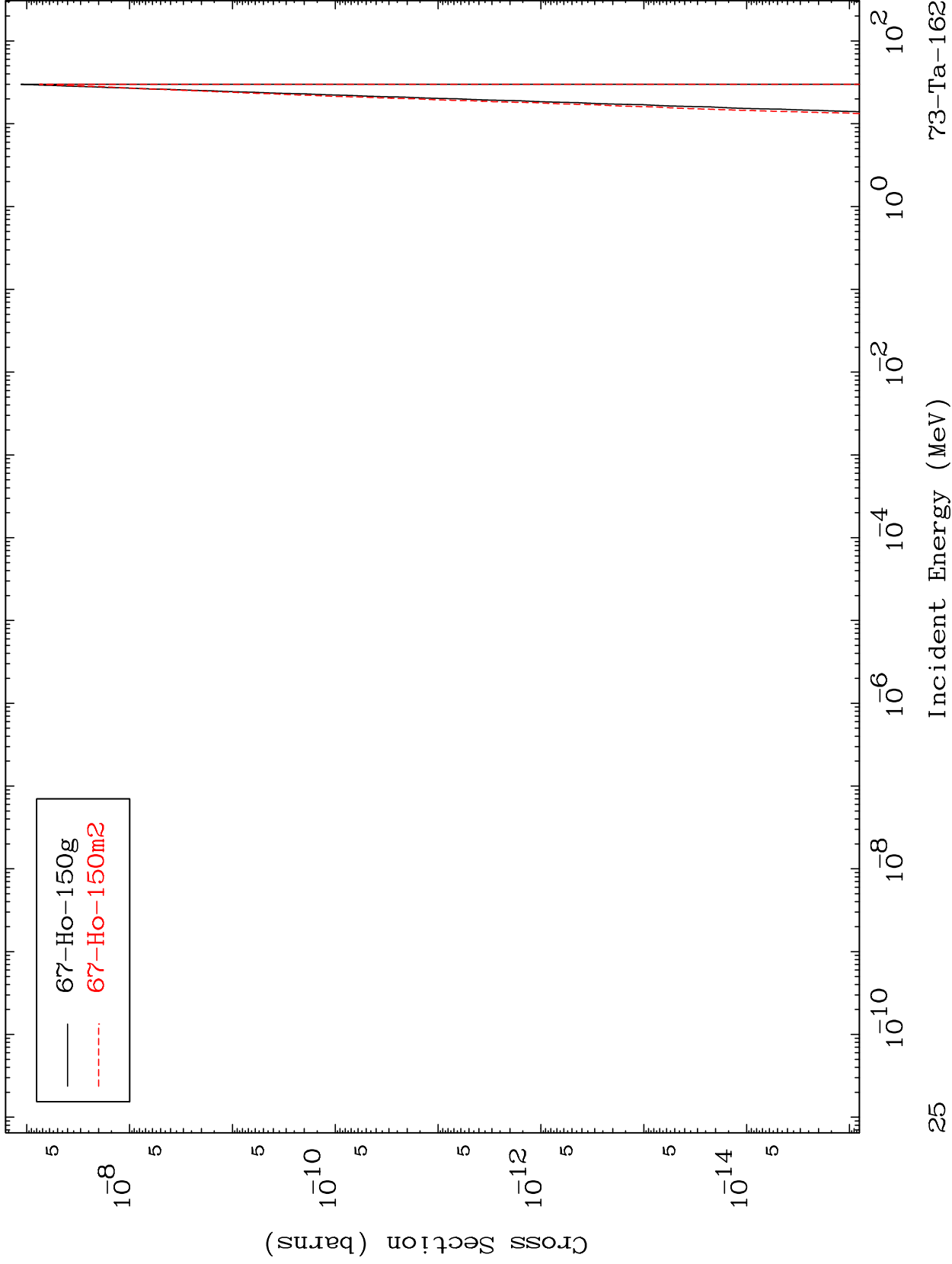
<sup>73</sup>Ta-162

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(n,n') 3 $\alpha$

<sup>73</sup>Ta-162

Radionuclide Production Cross Section

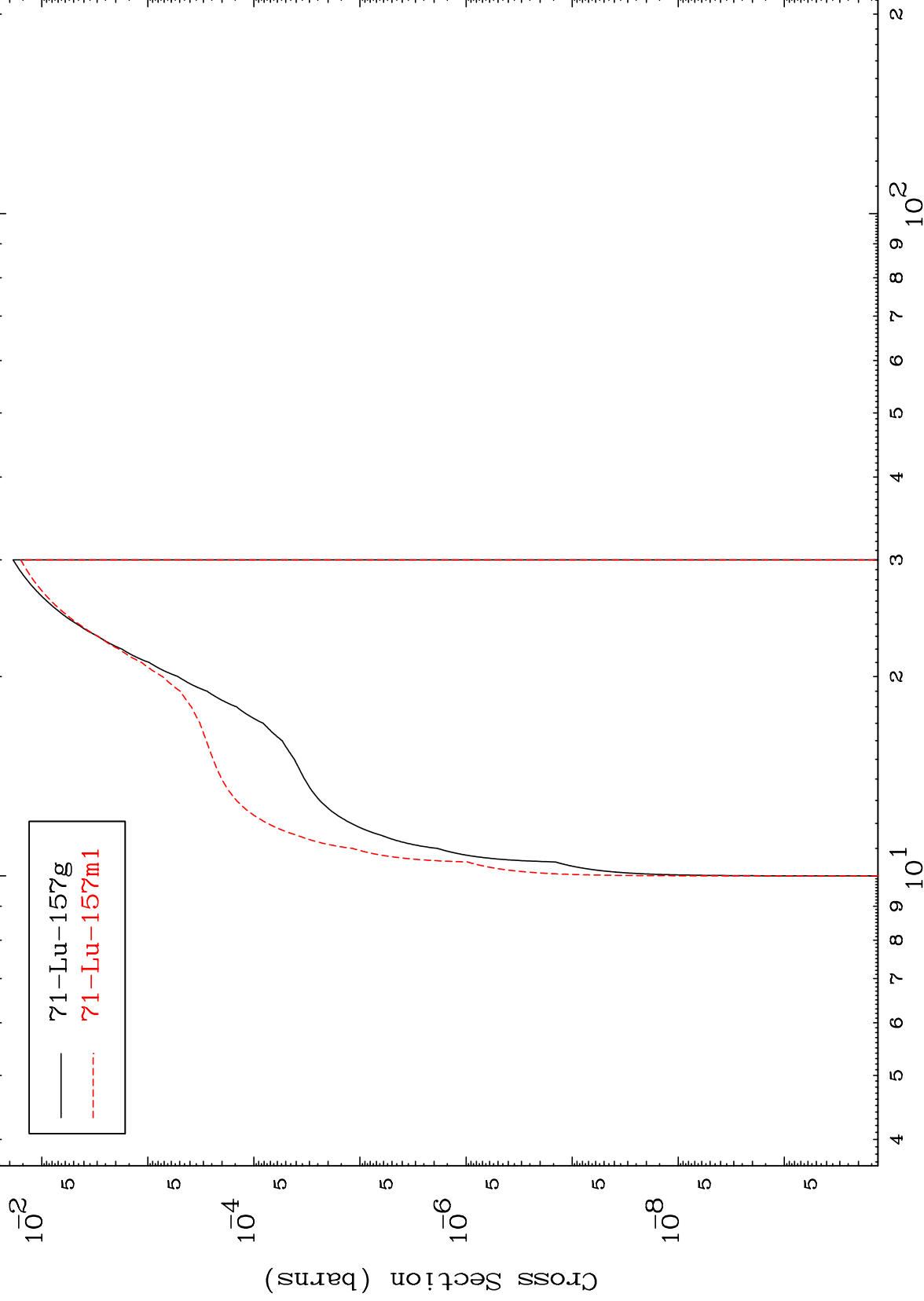


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(n,2n)  $\alpha$

73-Ta-162

Radionuclide Production Cross Section



26

Incident Energy (MeV)

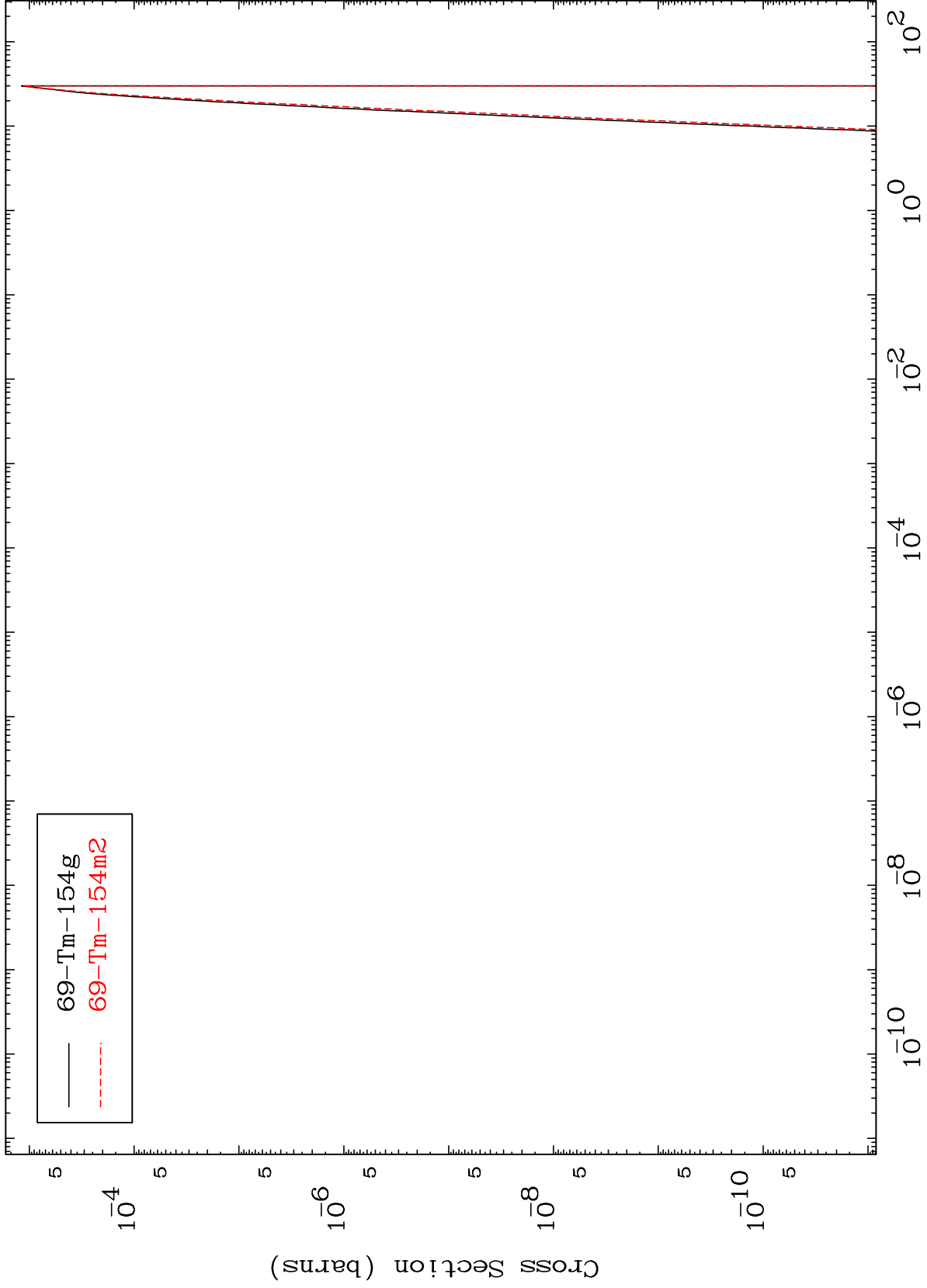
73-Ta-162

MAT 7271

(n,n') 2α

73-Ta-162

Radionuclide Production Cross Section



27

Incident Energy (MeV)

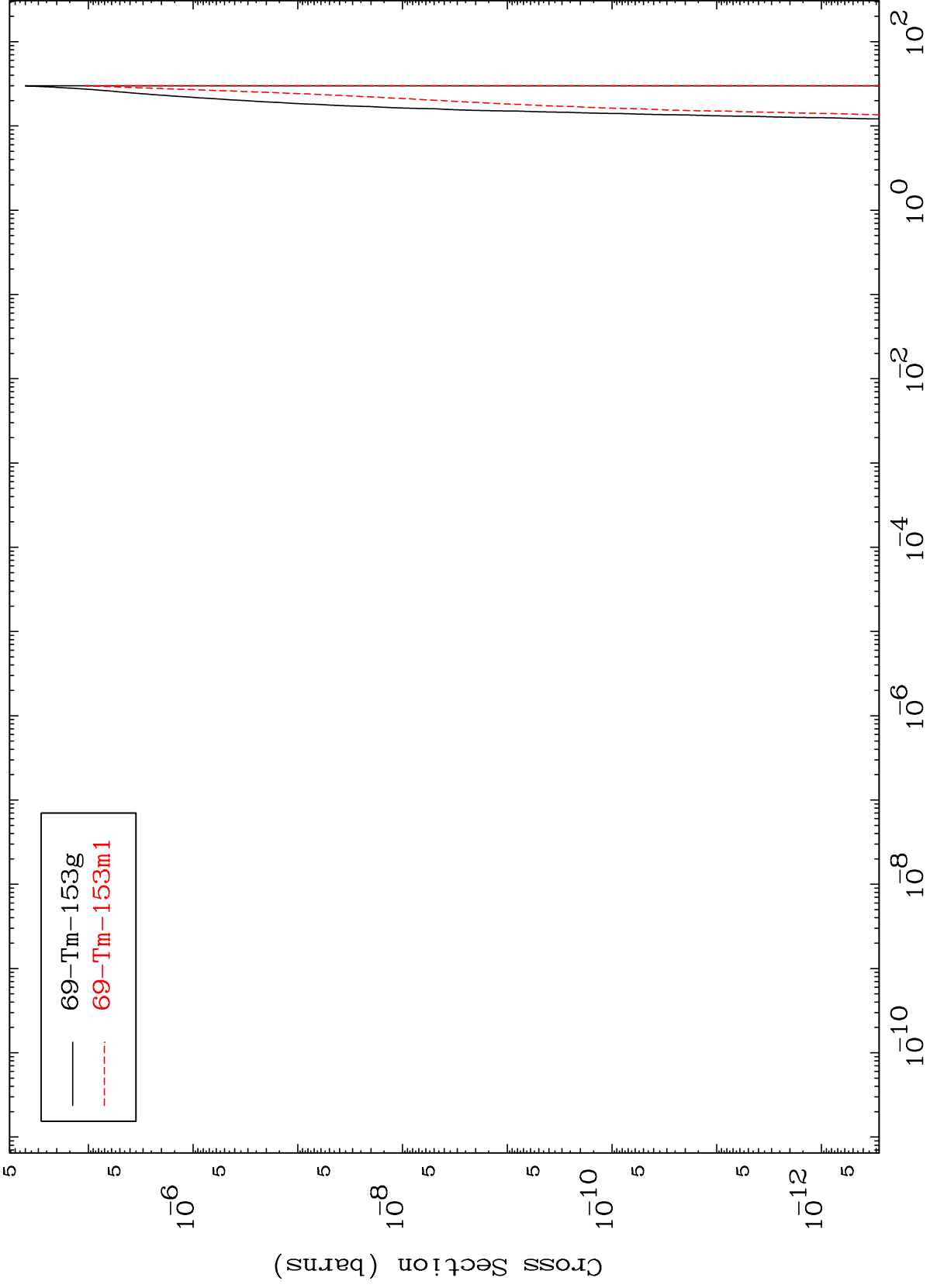
73-Ta-162

MAT 7271

(n,2n) 2α

73-Ta-162

Radionuclide Production Cross Section

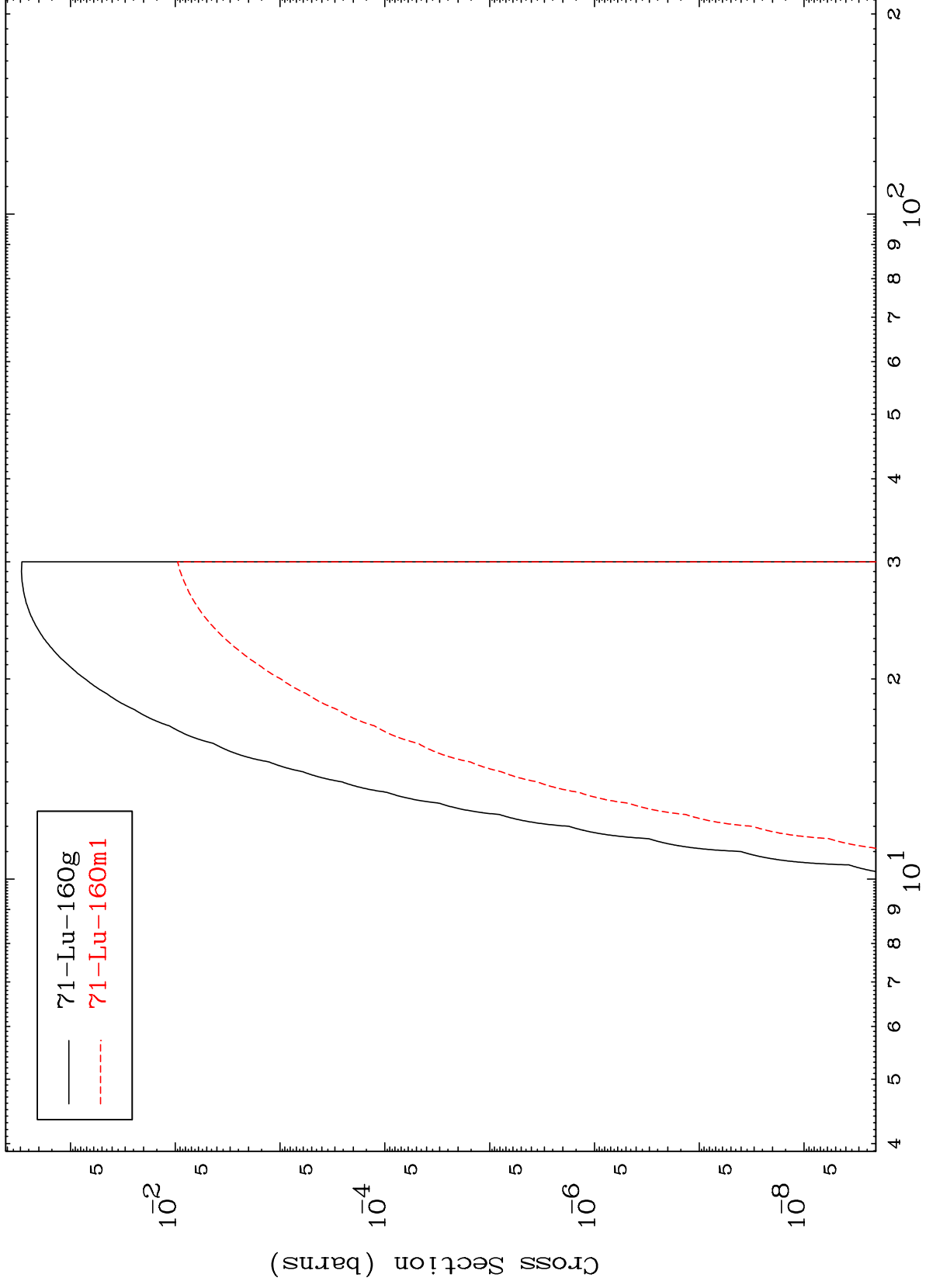


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(n,2n) p

73-Ta-162

Radionuclide Production Cross Section



29

Incident Energy (MeV)

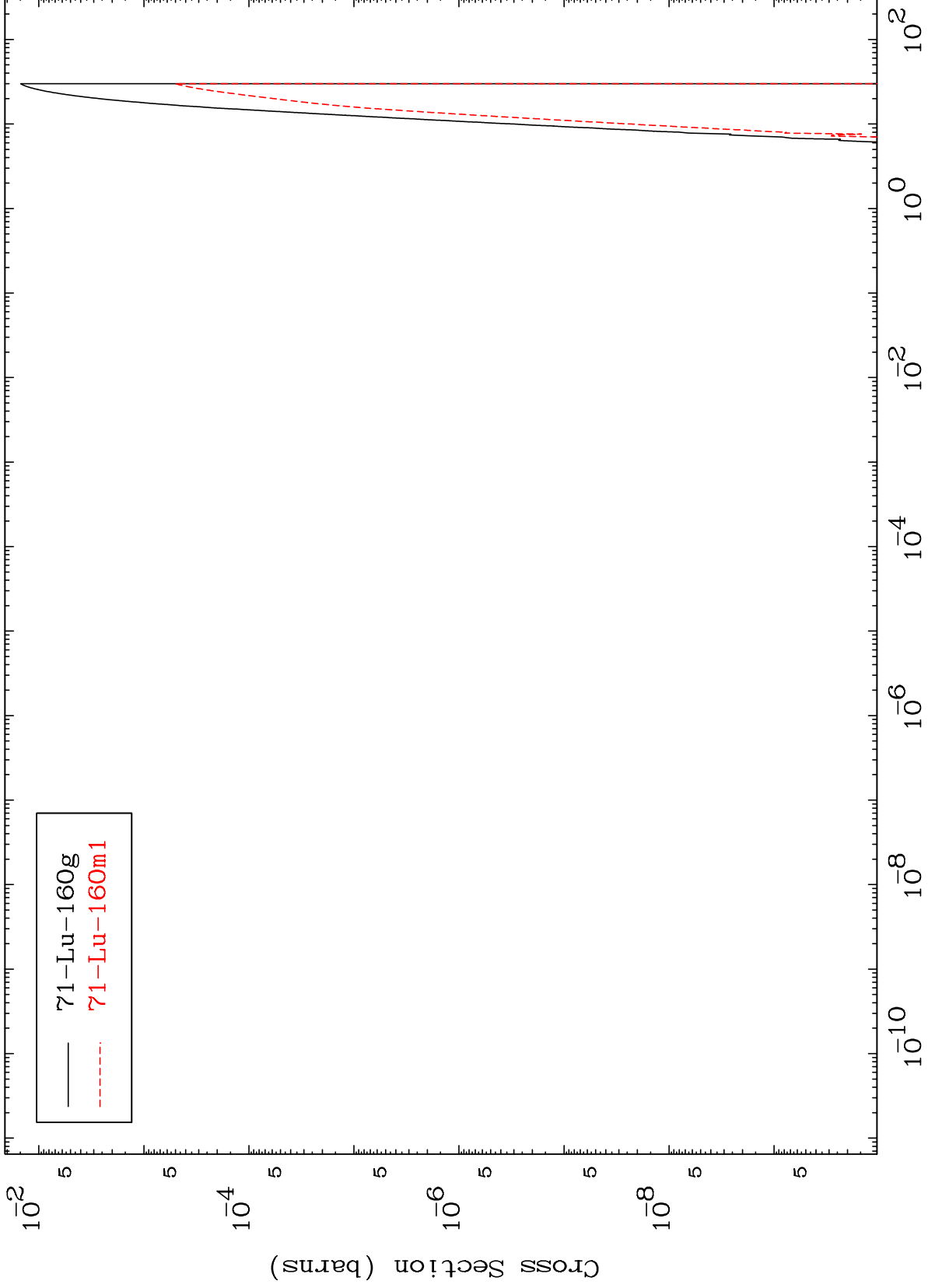
73-Ta-162

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(n,He-3)

73-Ta-162

Radionuclide Production Cross Section



30

Incident Energy (MeV)

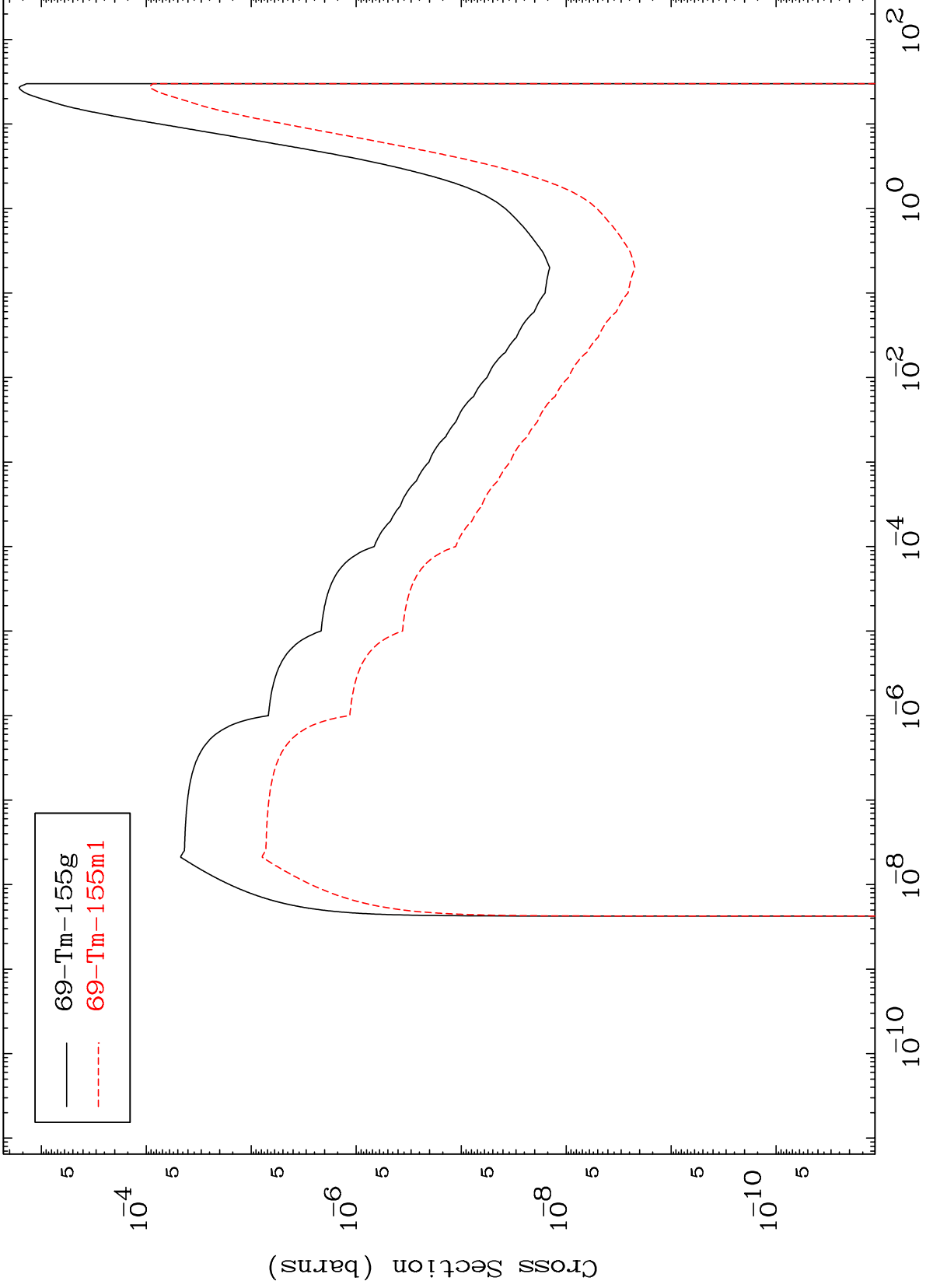
73-Ta-162

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(n,2α)

73-Ta-162

Radionuclide Production Cross Section



69-Tm-155g  
69-Tm-155m1

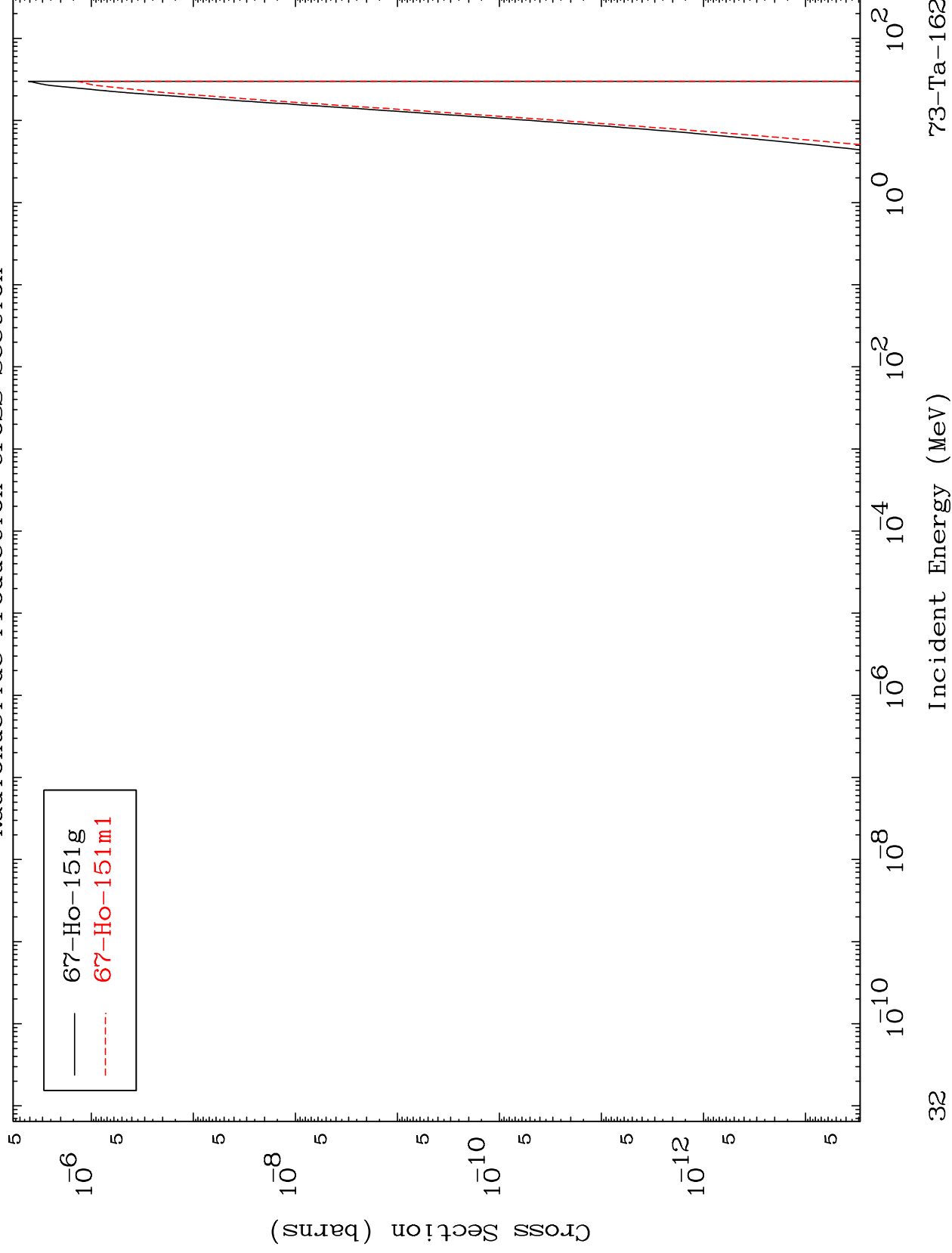


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(n,3α)

73-Ta-162

Radionuclide Production Cross Section



32

Incident Energy (MeV)

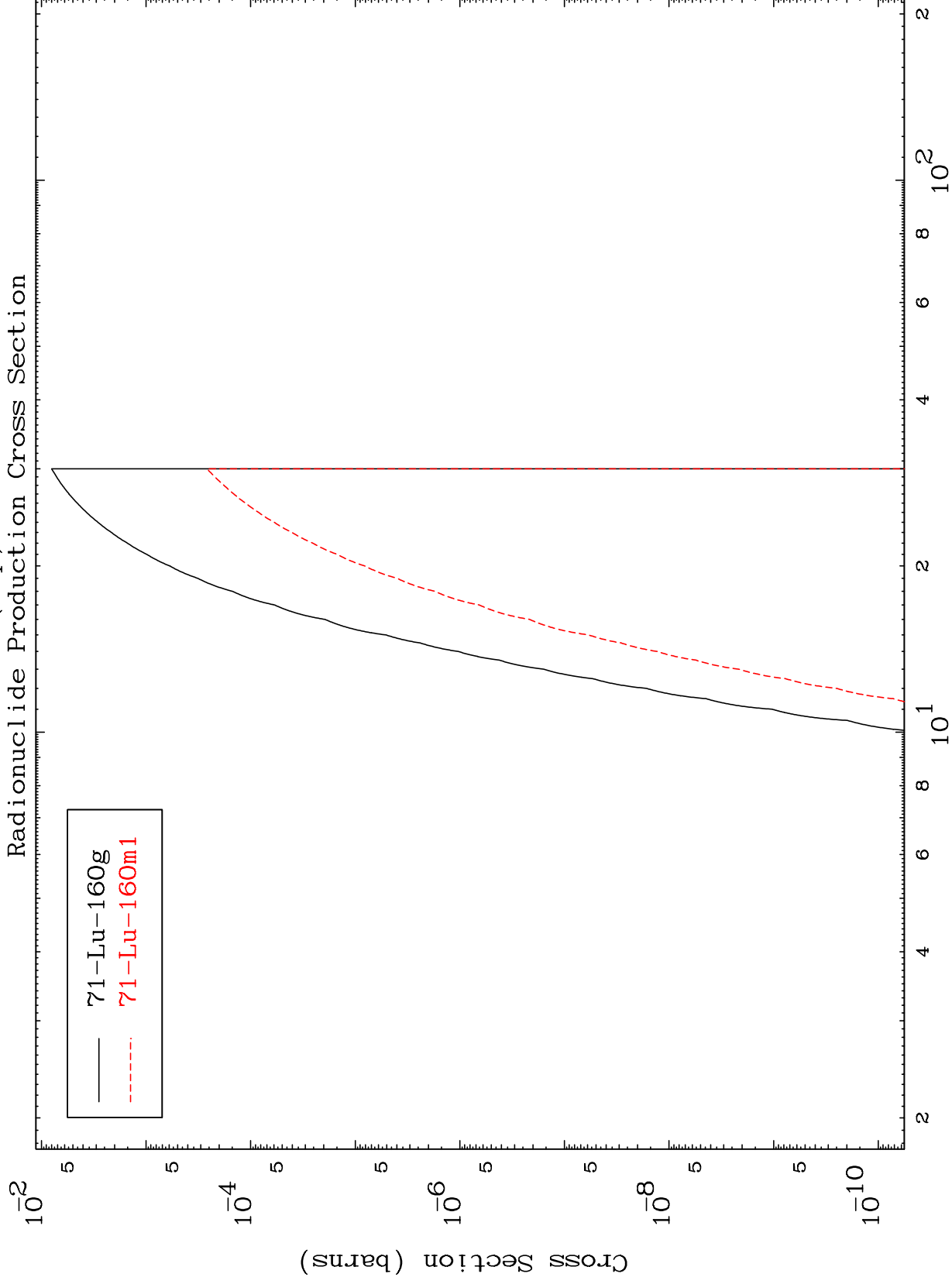
73-Ta-162

MAT 7271

(n,p) d

73-Ta-162

Radionuclide Production Cross Section



33

Incident Energy (MeV)

73-Ta-162