

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

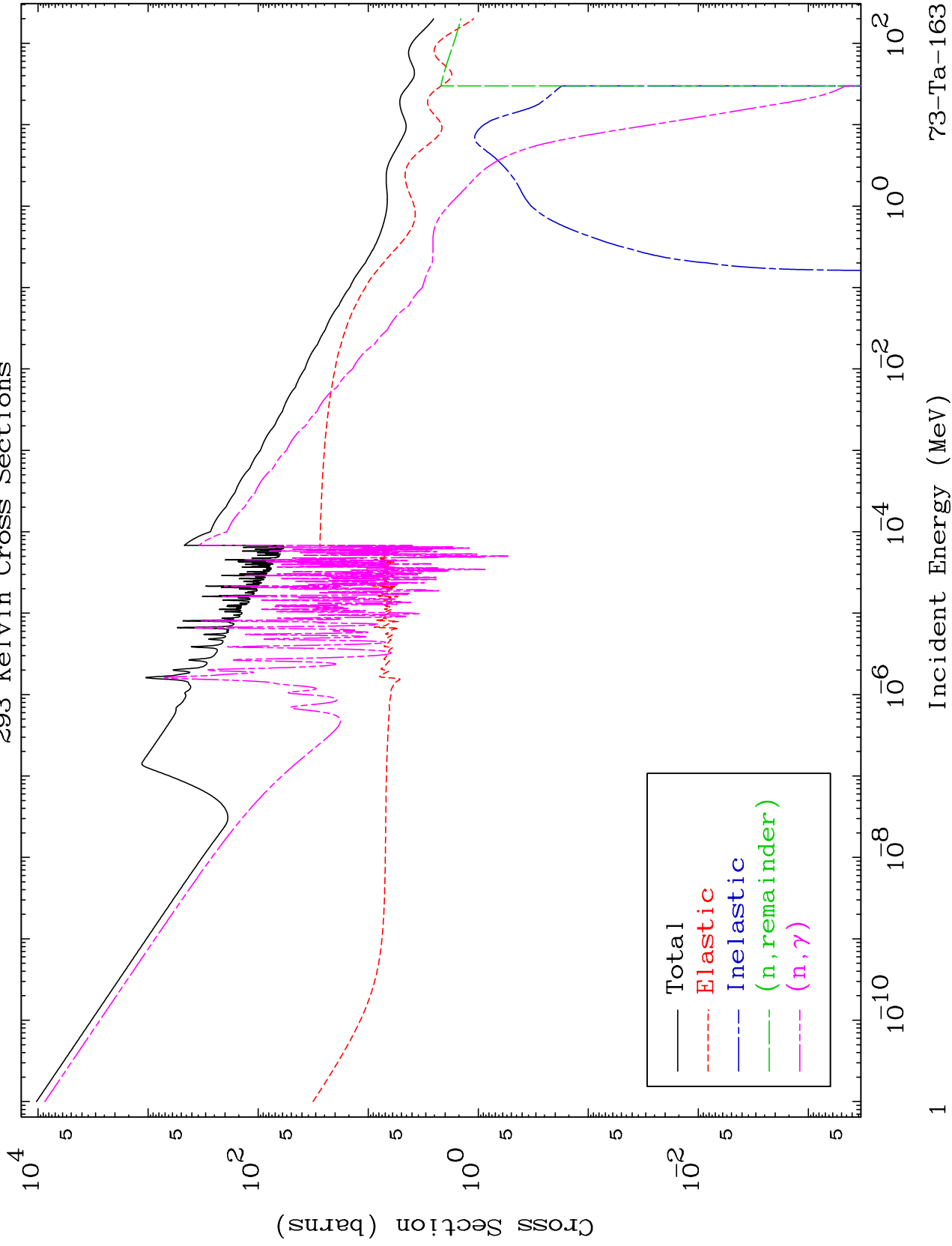
Press Mouse Button to Start

MAT 7274

Major

293 Kelvin Cross Sections

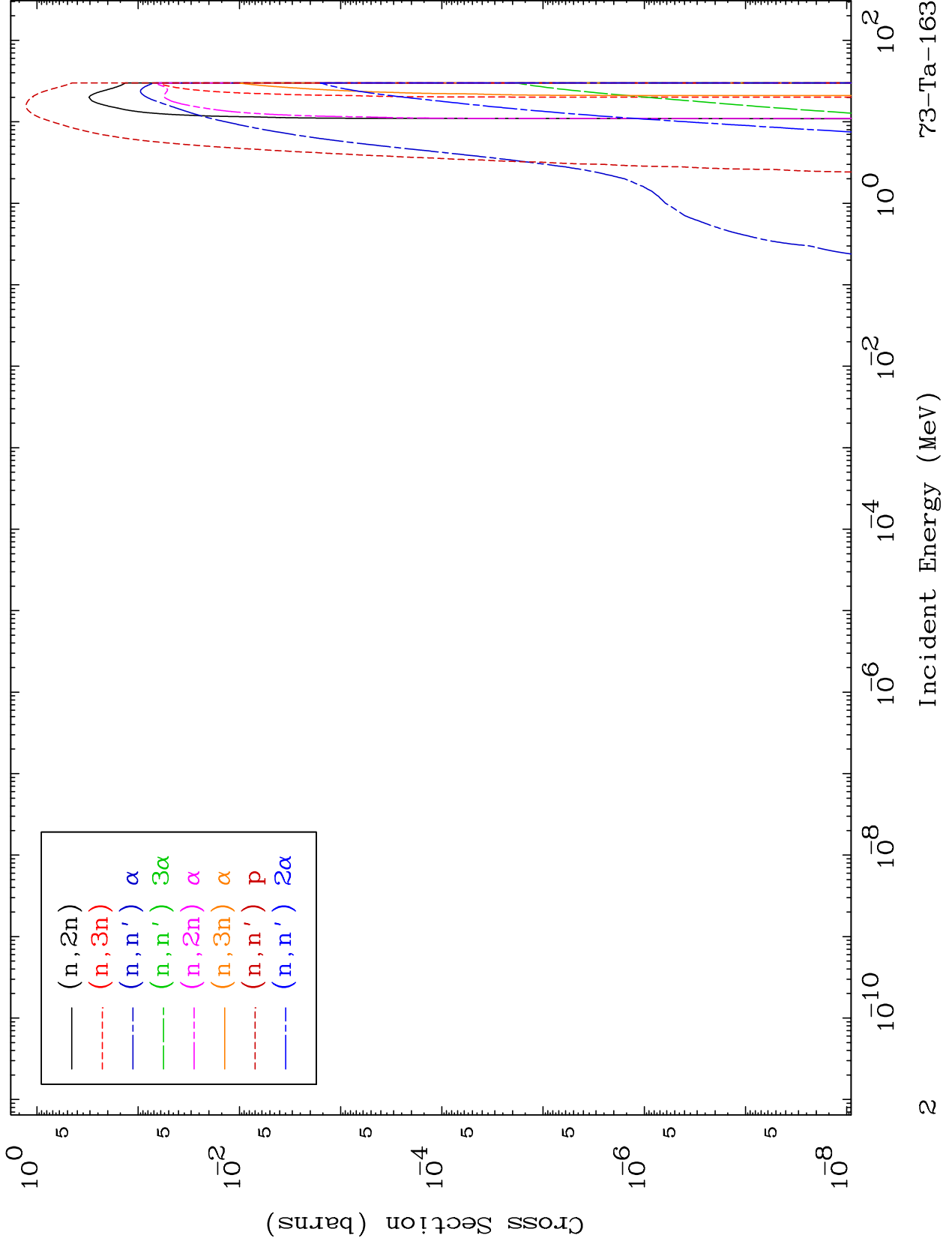
73-Ta-163



MAT 7274

Neutron Production
293 Kelvin Cross Sections

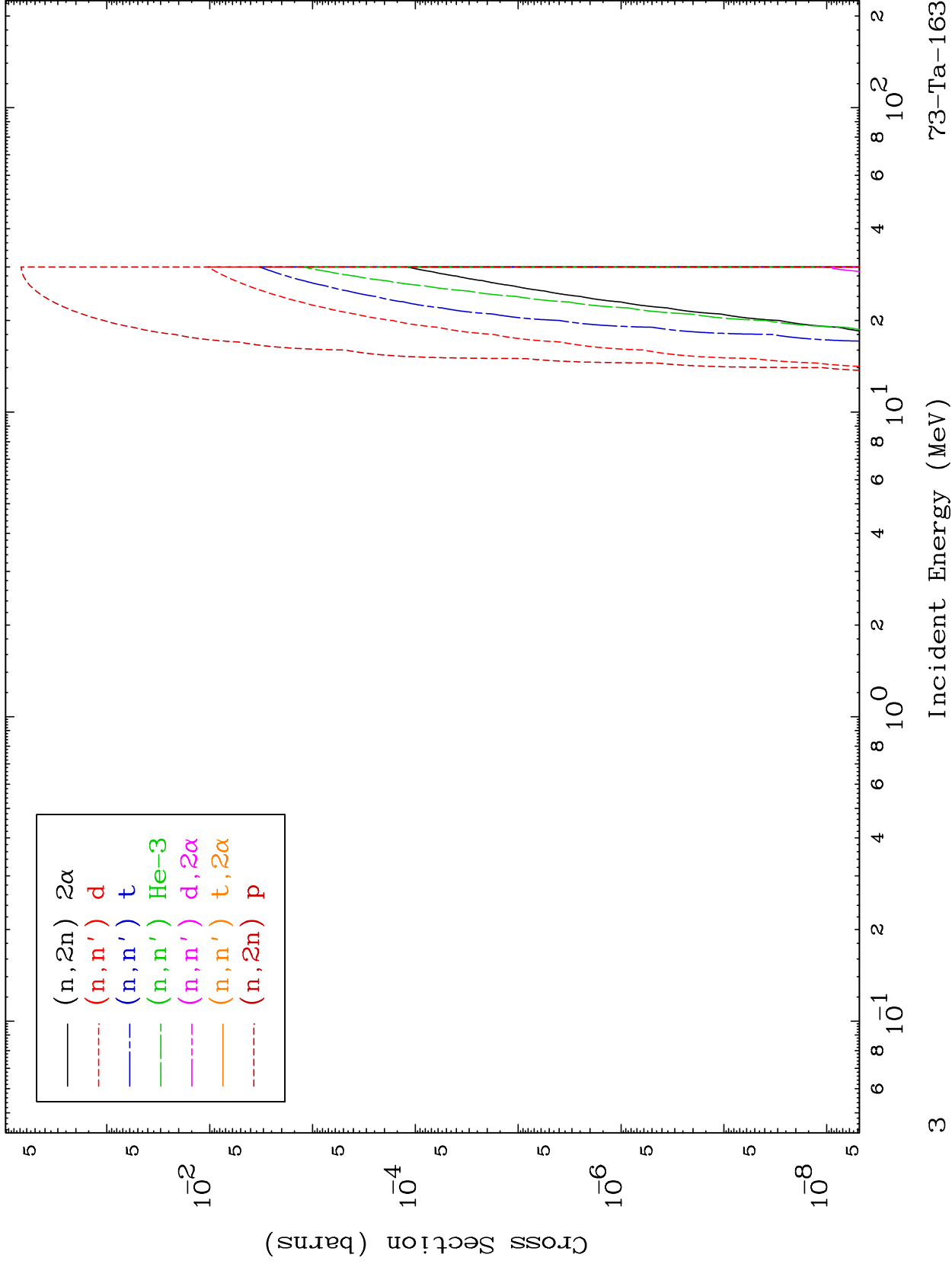
73-Ta-163



MAT 7274

Neutron Production
293 Kelvin Cross Sections

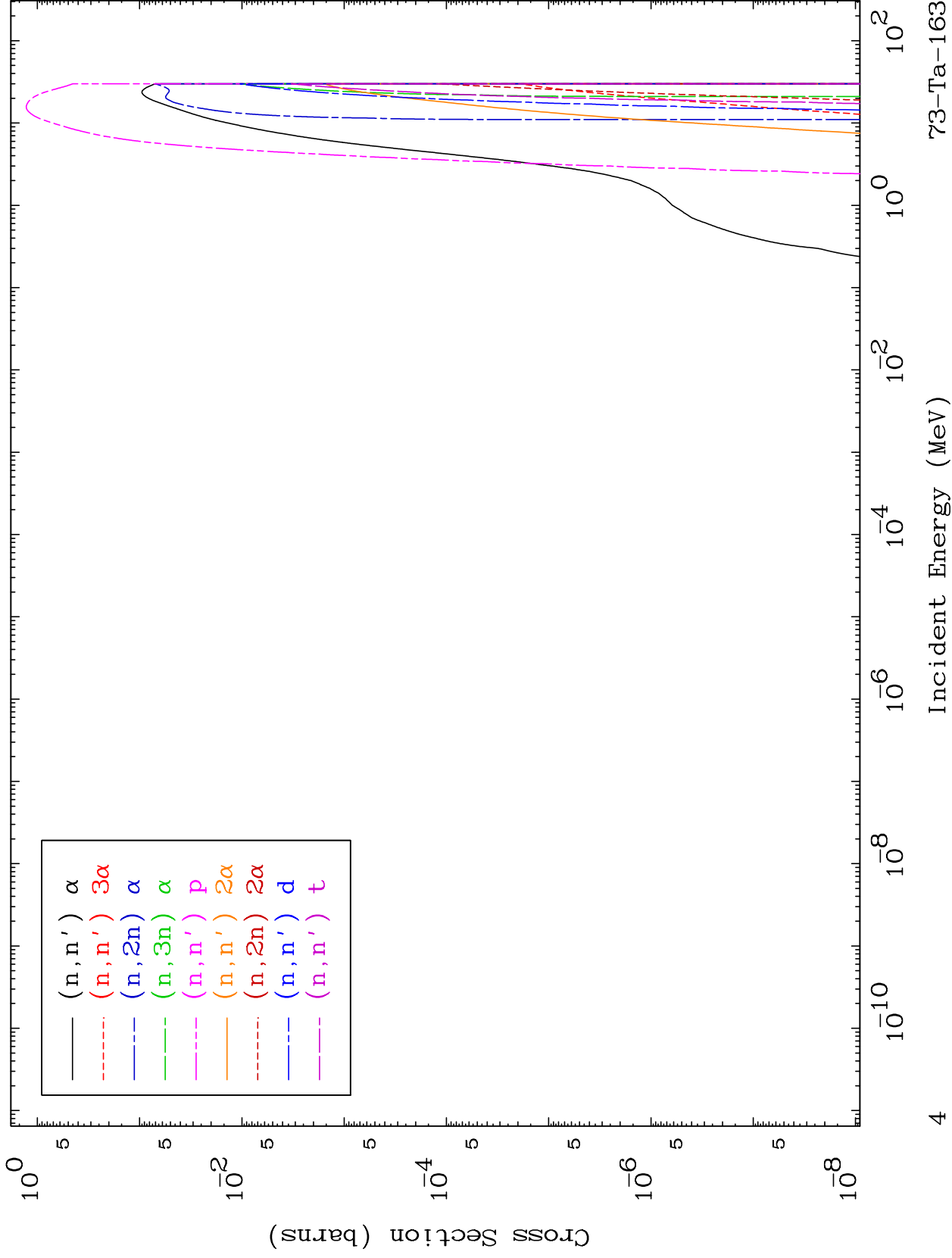
73-Ta-163



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Charged Particle
293 Kelvin Cross Sections

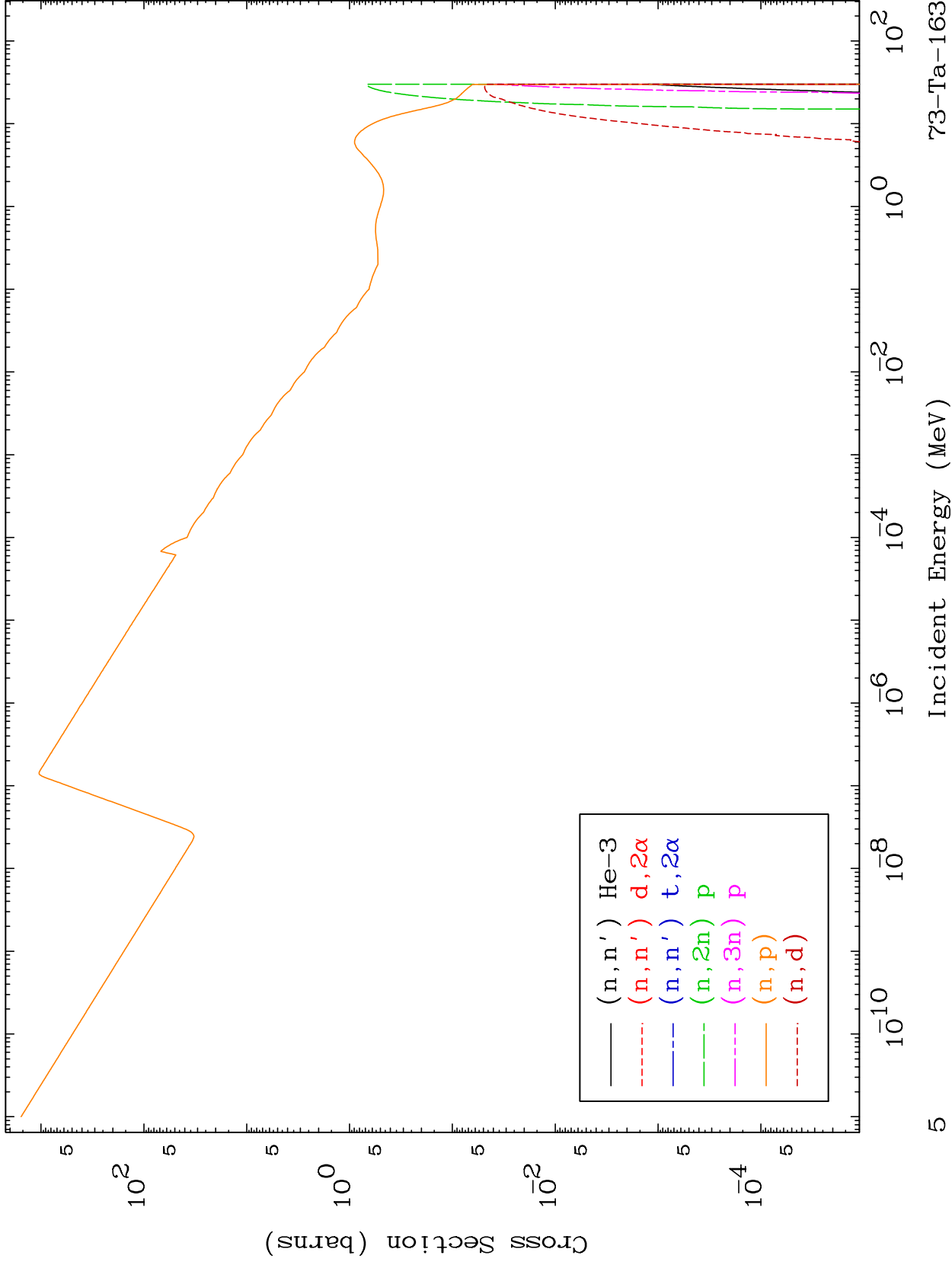
73-Ta-163



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Charged Particle
293 Kelvin Cross Sections

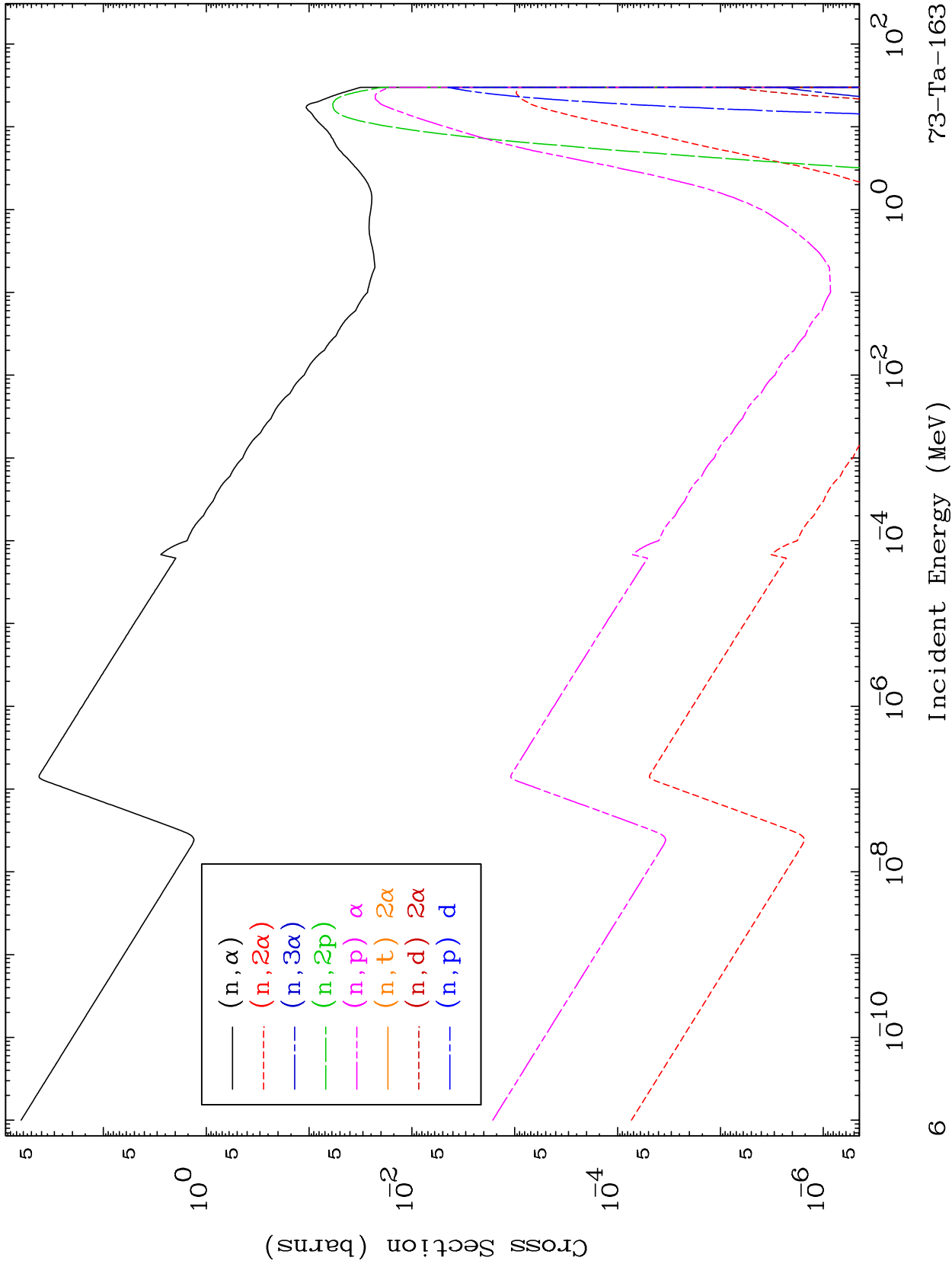
73-Ta-163

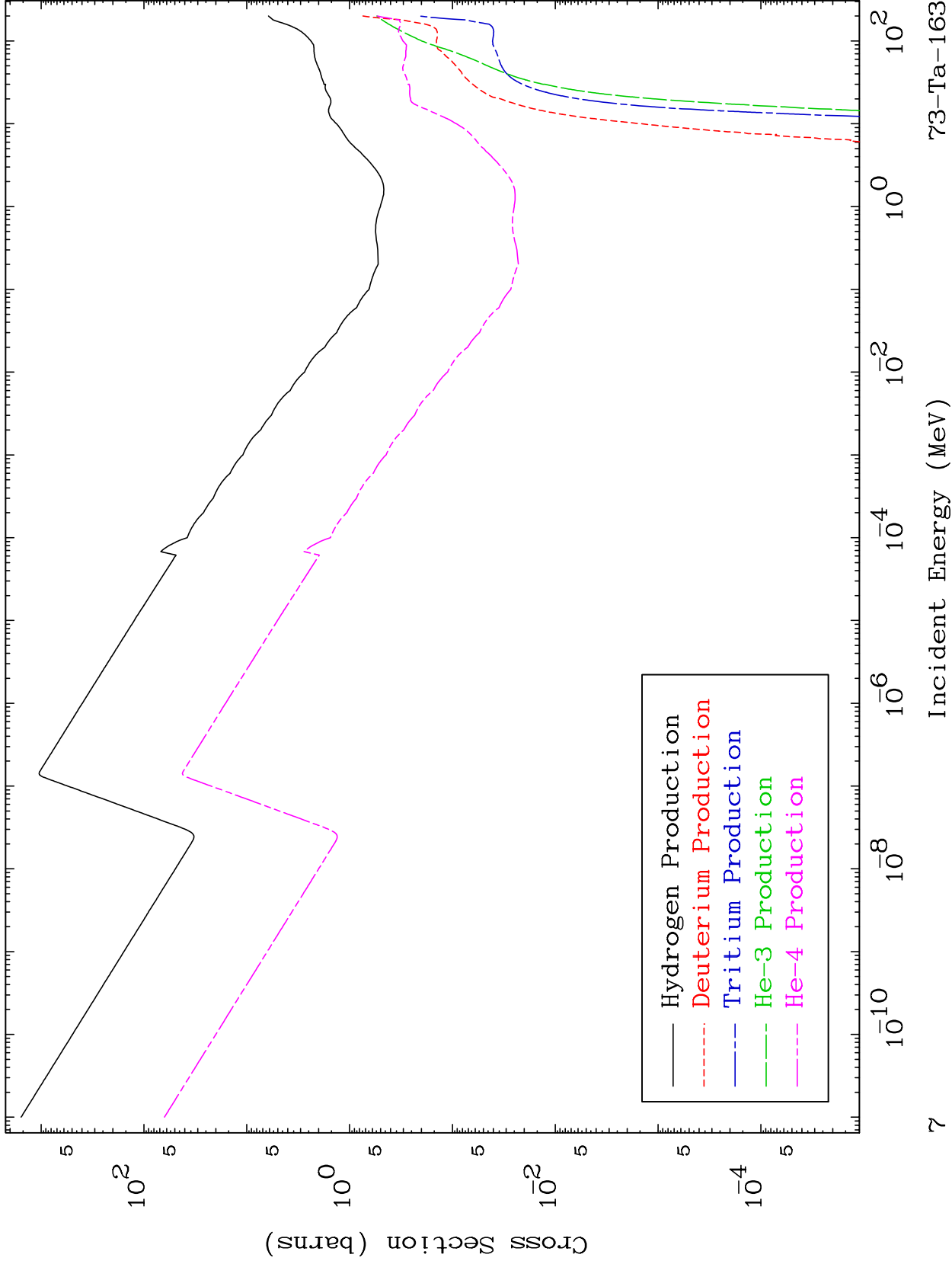


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Charged Particle
293 Kelvin Cross Sections

73-Ta-163

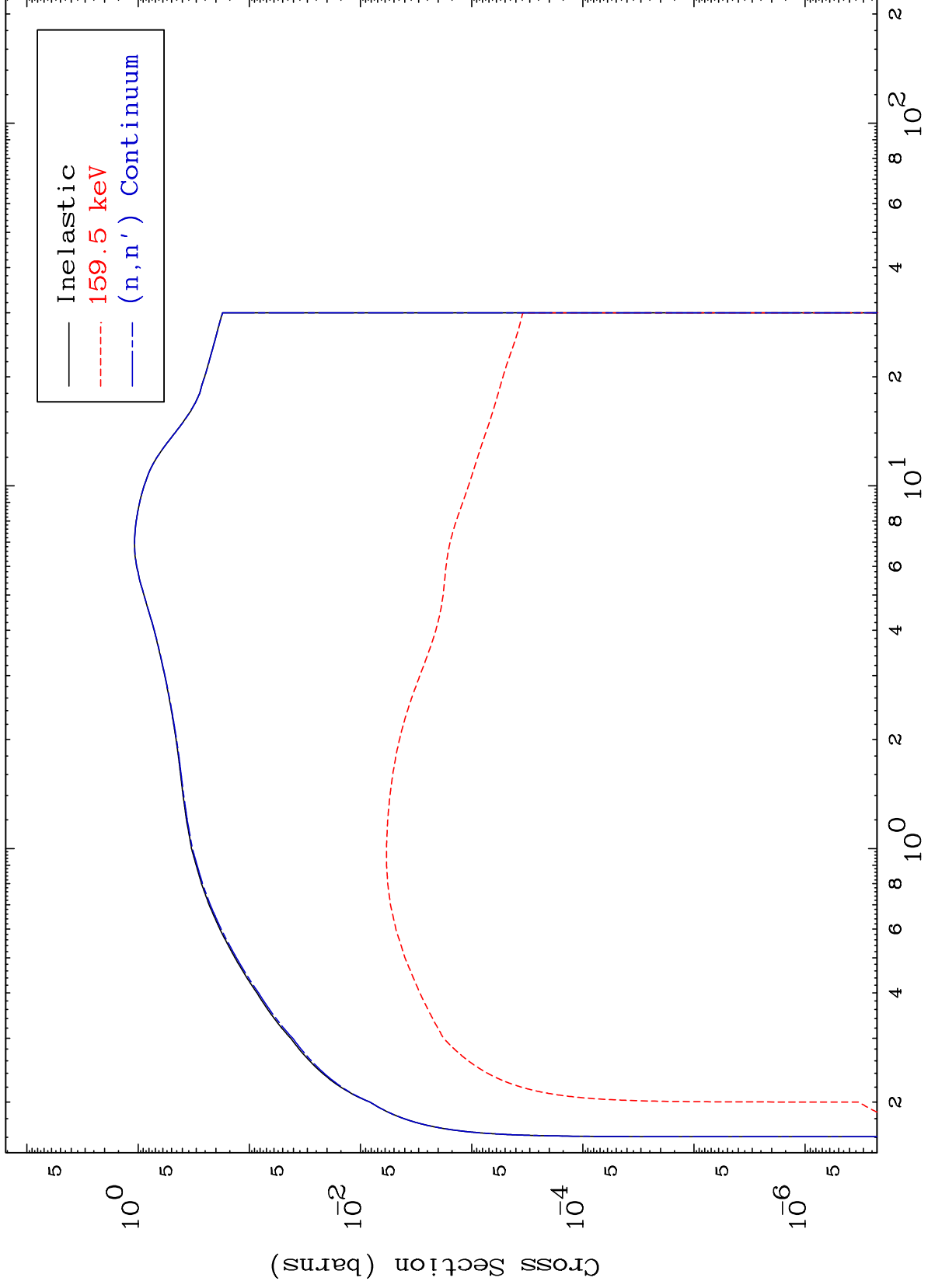




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(n,n') Level
293 Kelvin Cross Sections

73-Ta-163



8

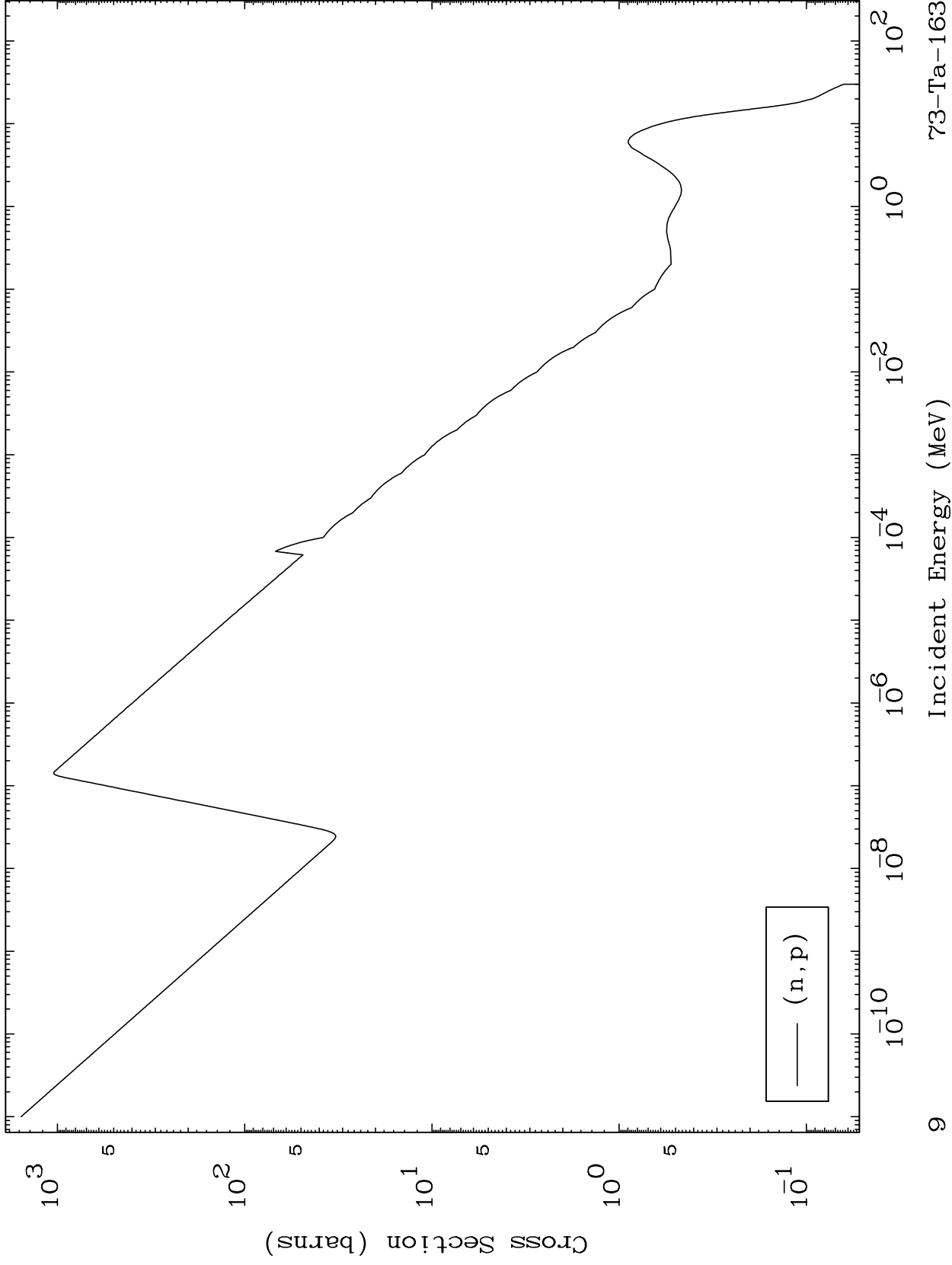
Incident Energy (MeV)

73-Ta-163

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(n,p) Levels
293 Kelvin Cross Sections

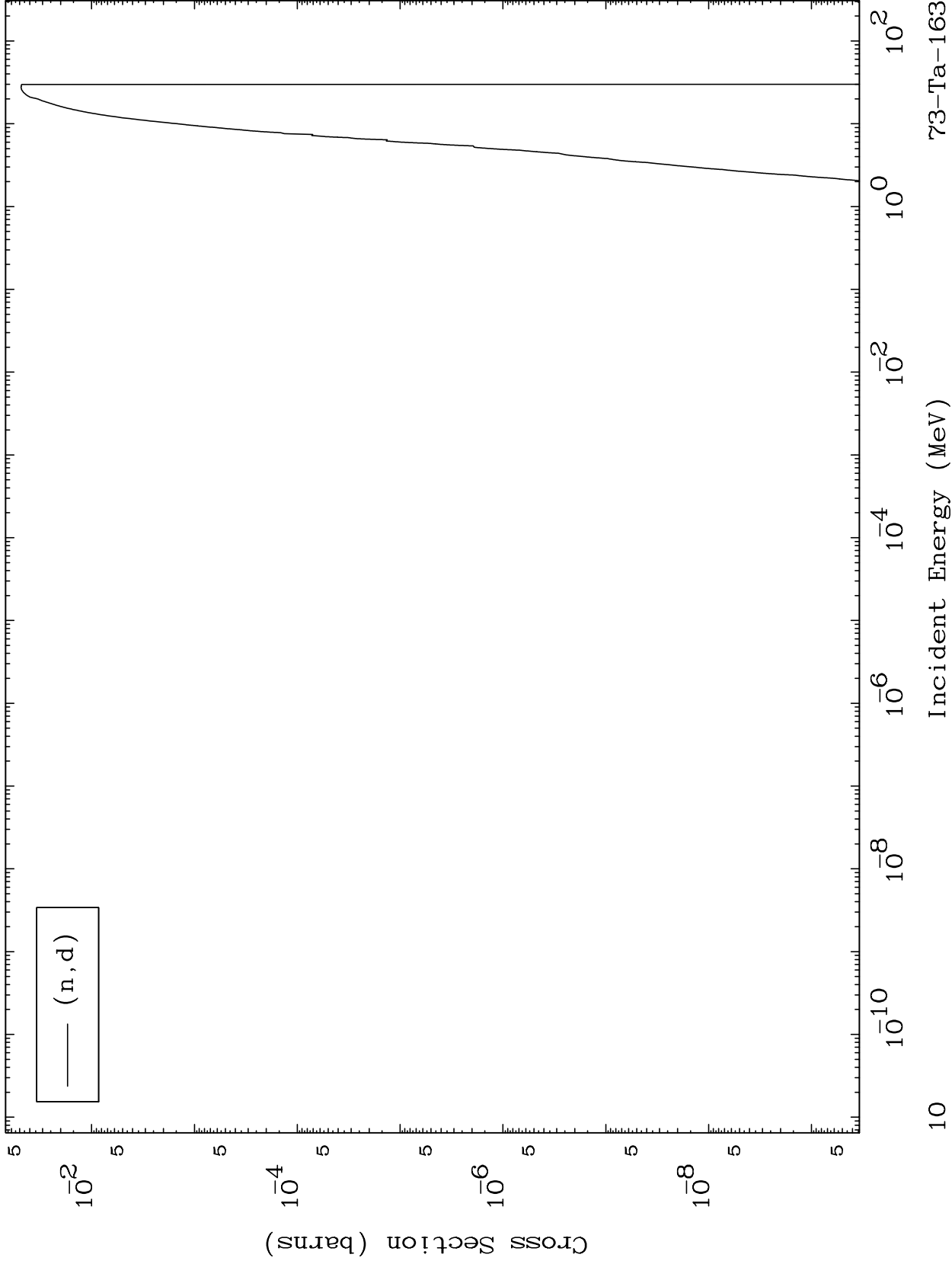
73-Ta-163



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(n,d) Levels
293 Kelvin Cross Sections

73-Ta-163



10

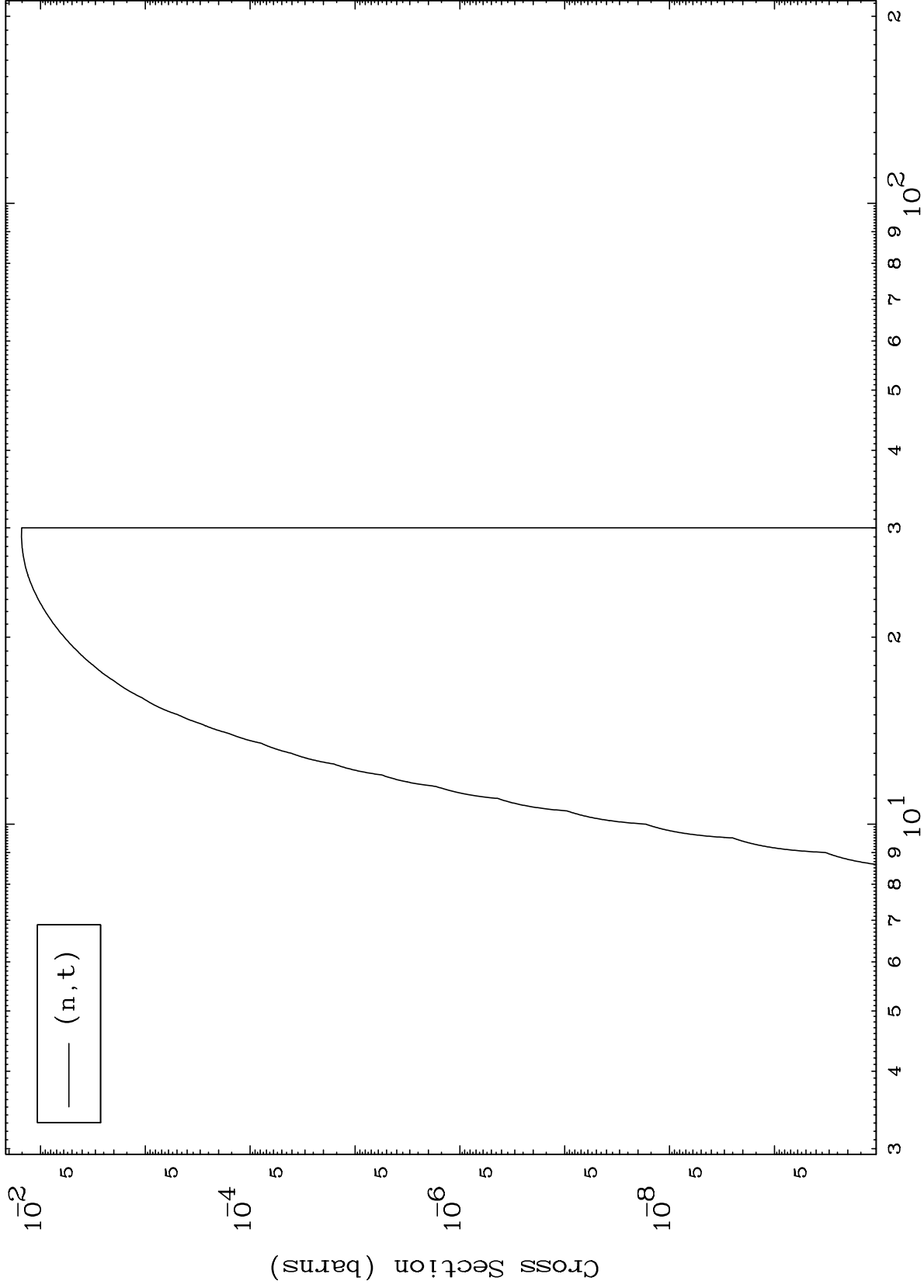
Incident Energy (MeV)

73-Ta-163

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(n,t) Levels
293 Kelvin Cross Sections

73-Ta-163



11

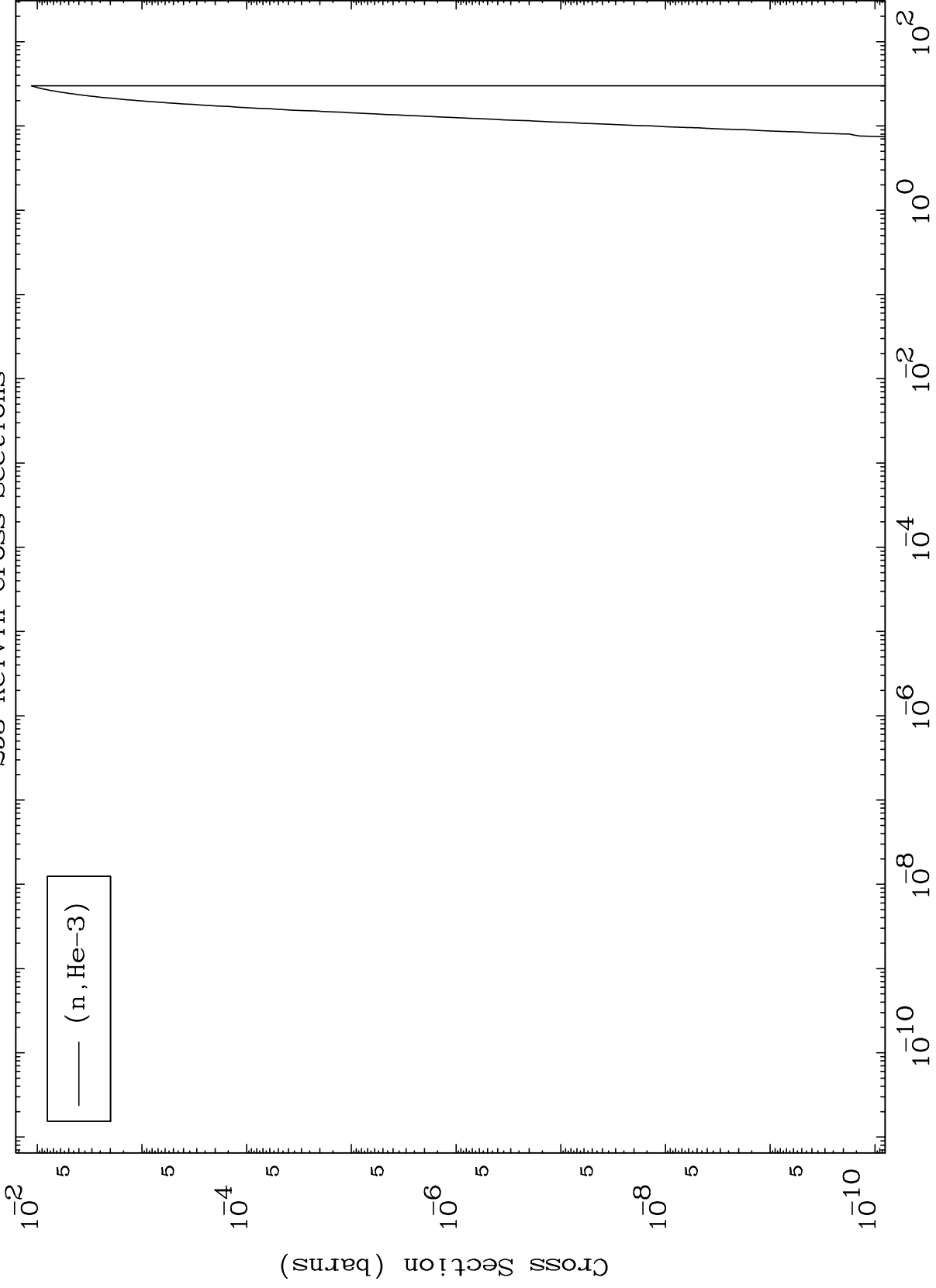
Incident Energy (MeV)

73-Ta-163

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(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-163



(n, He-3)

Incident Energy (MeV)

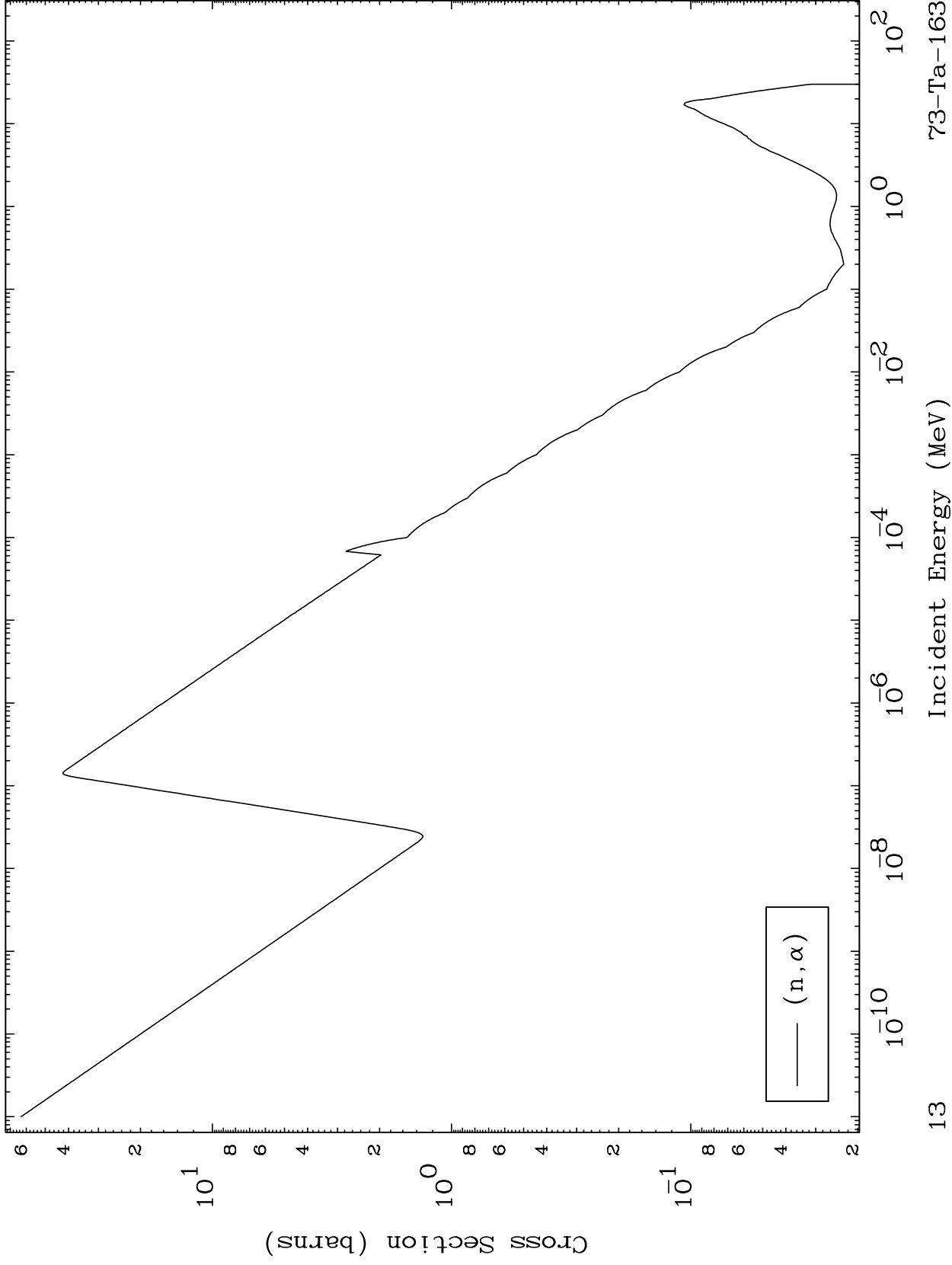
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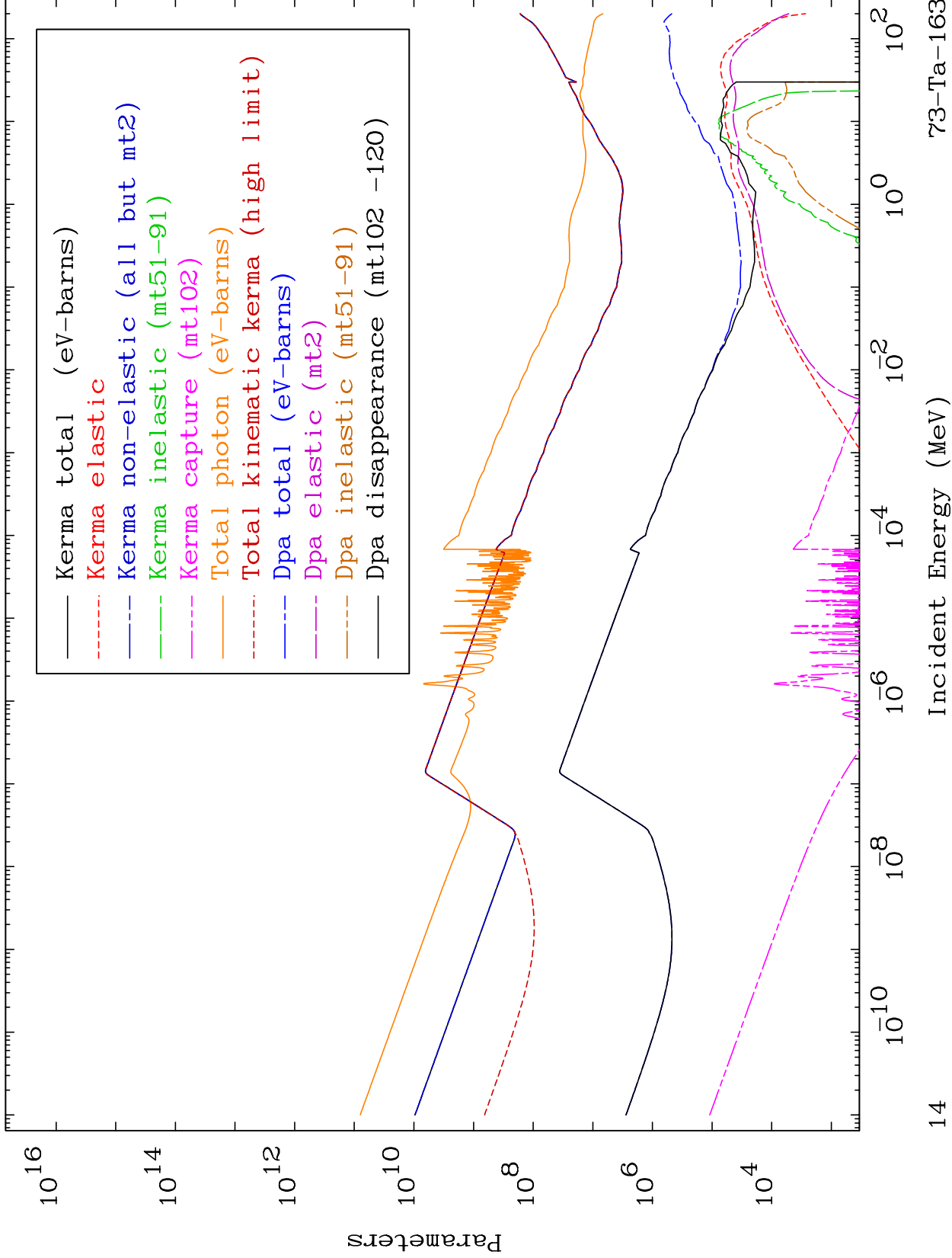
12

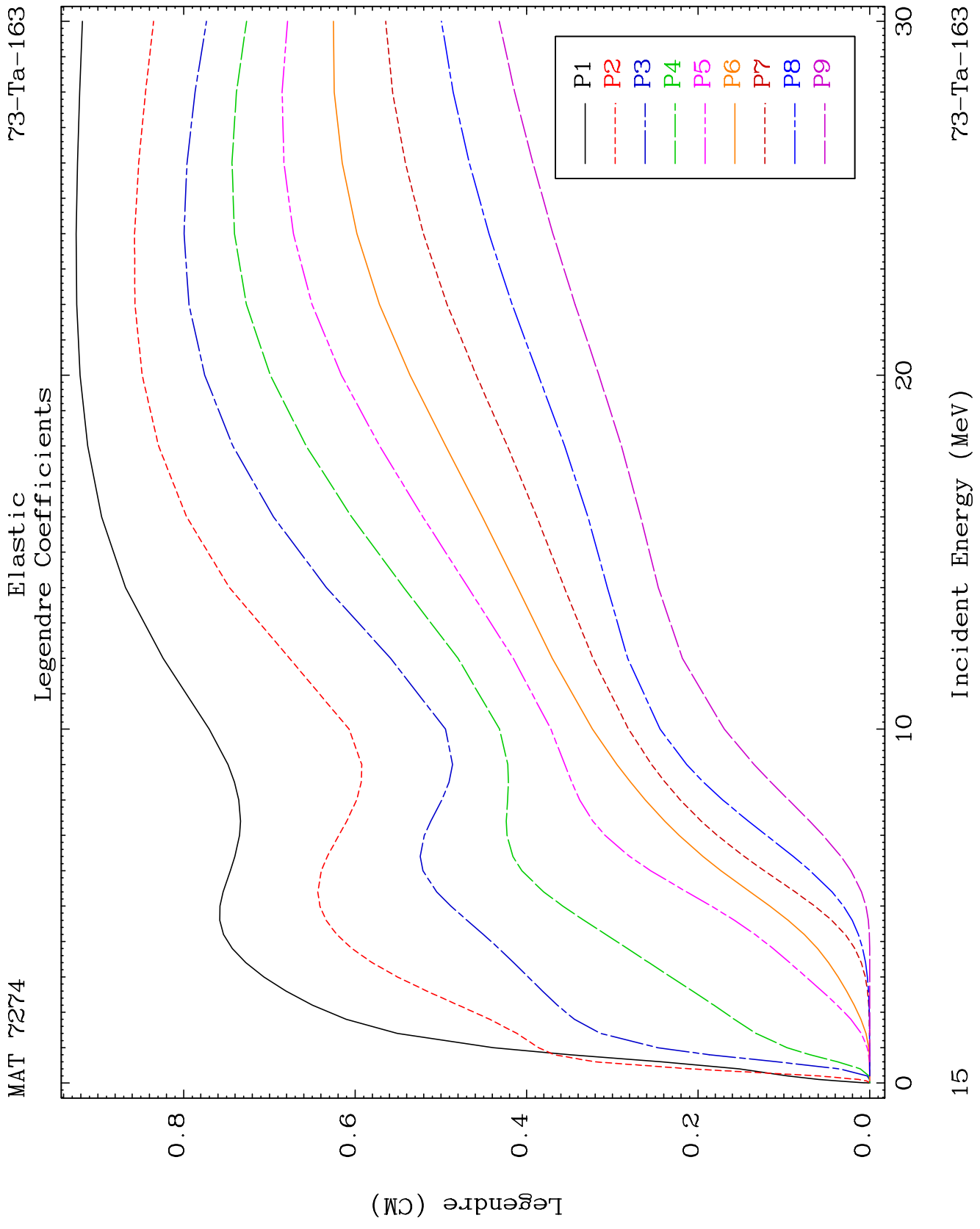
MAT 7274

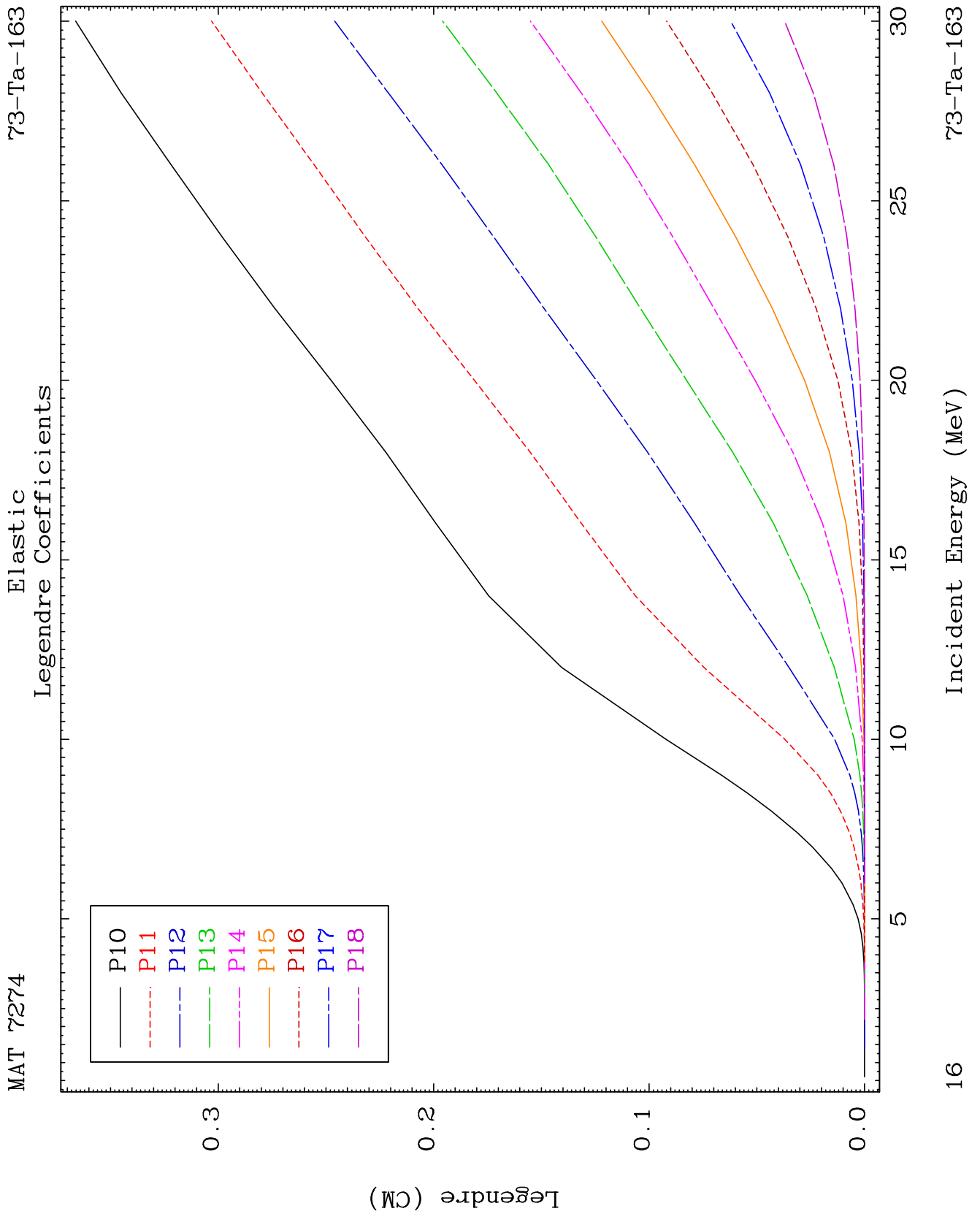
(n,α) Levels
293 Kelvin Cross Sections

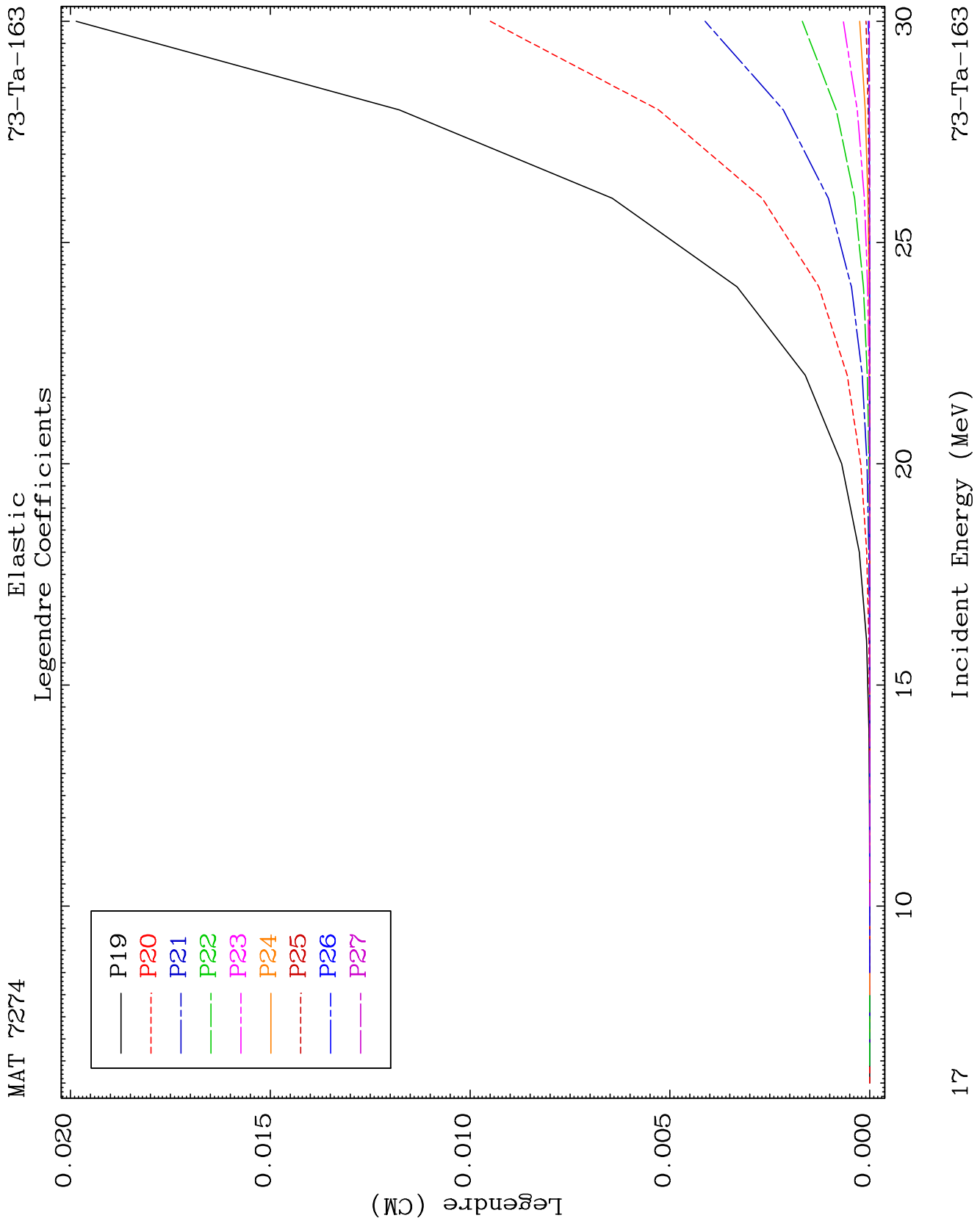
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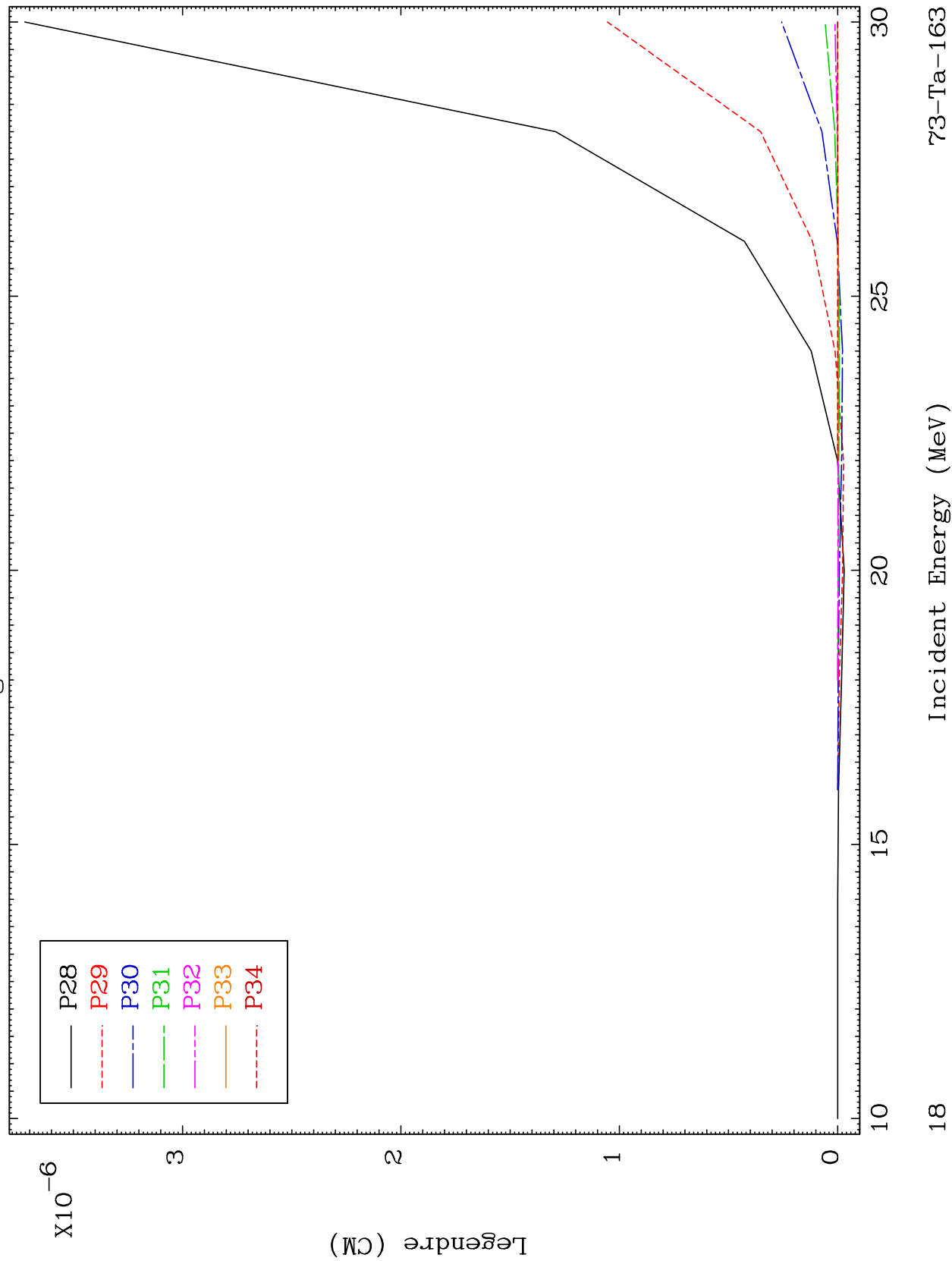


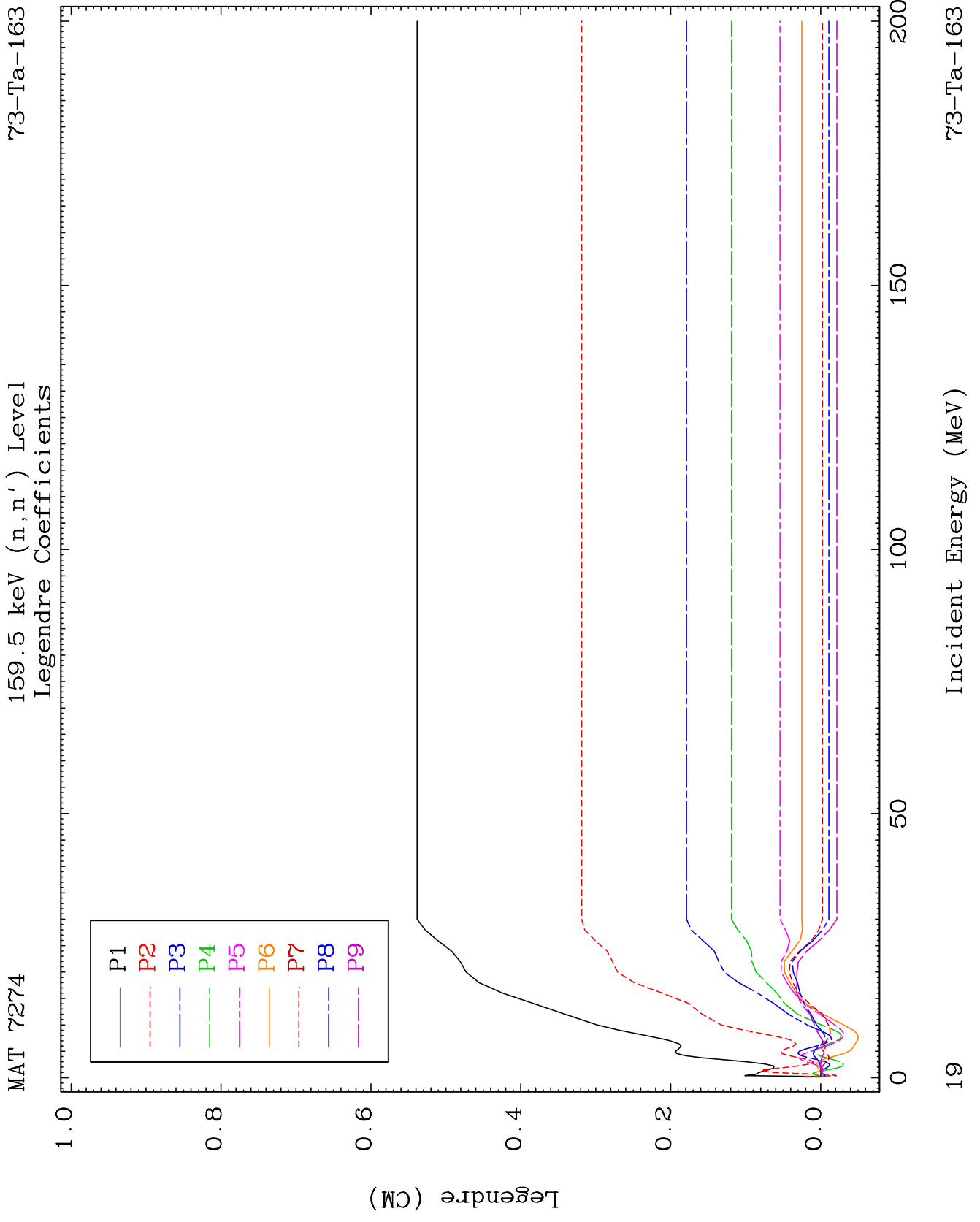


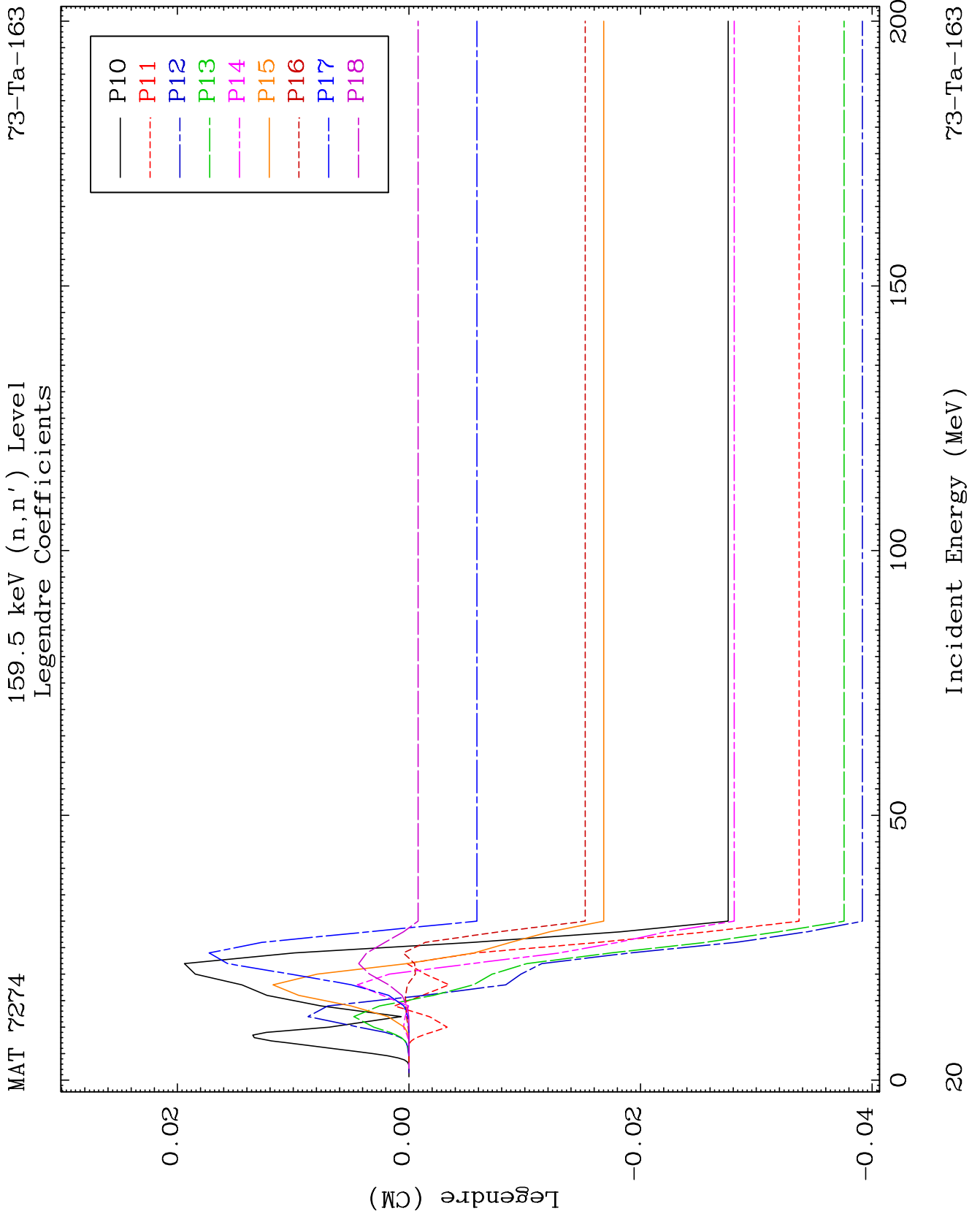
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Elastic Legendre Coefficients

⁷³Ta-163



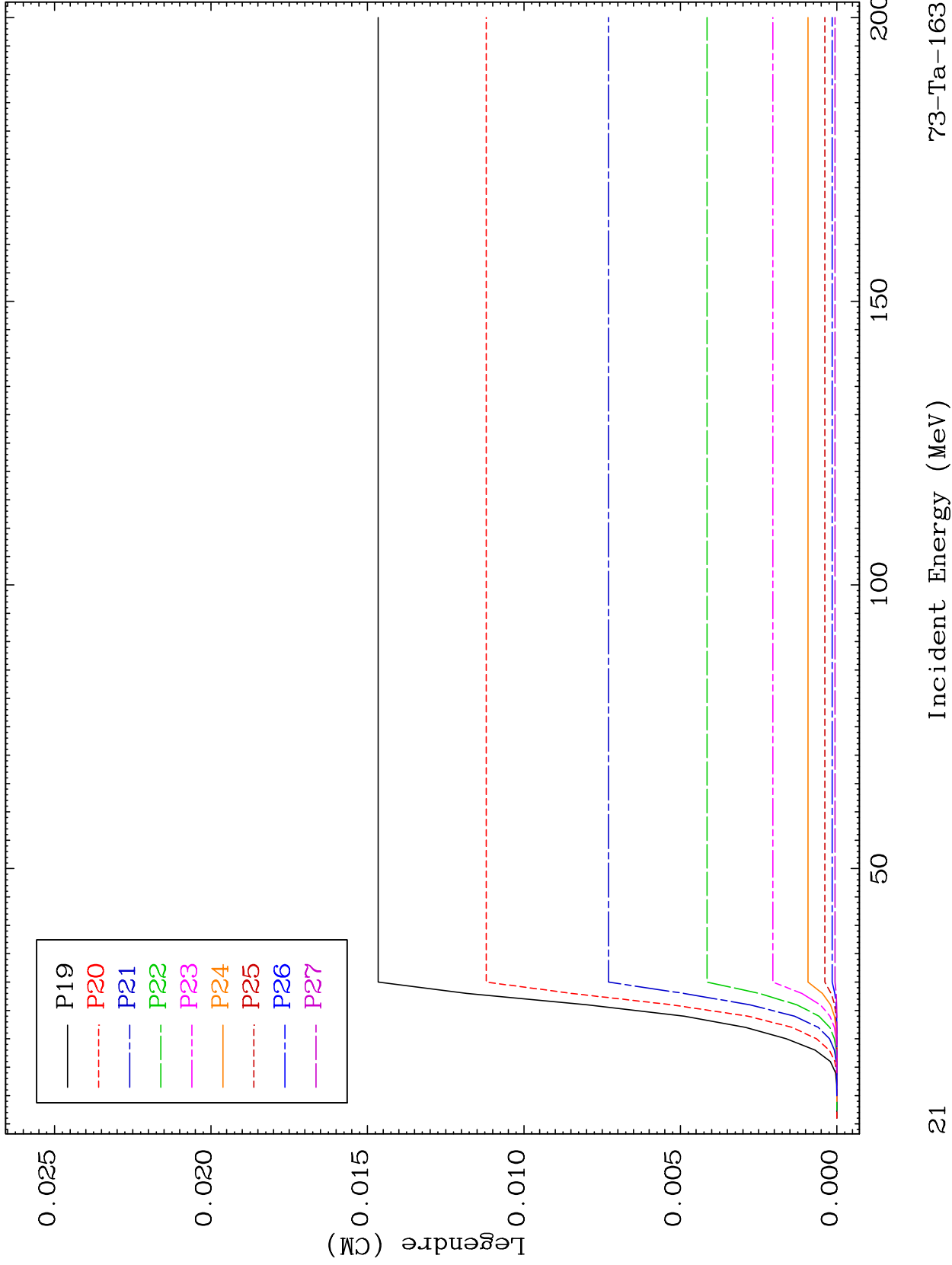


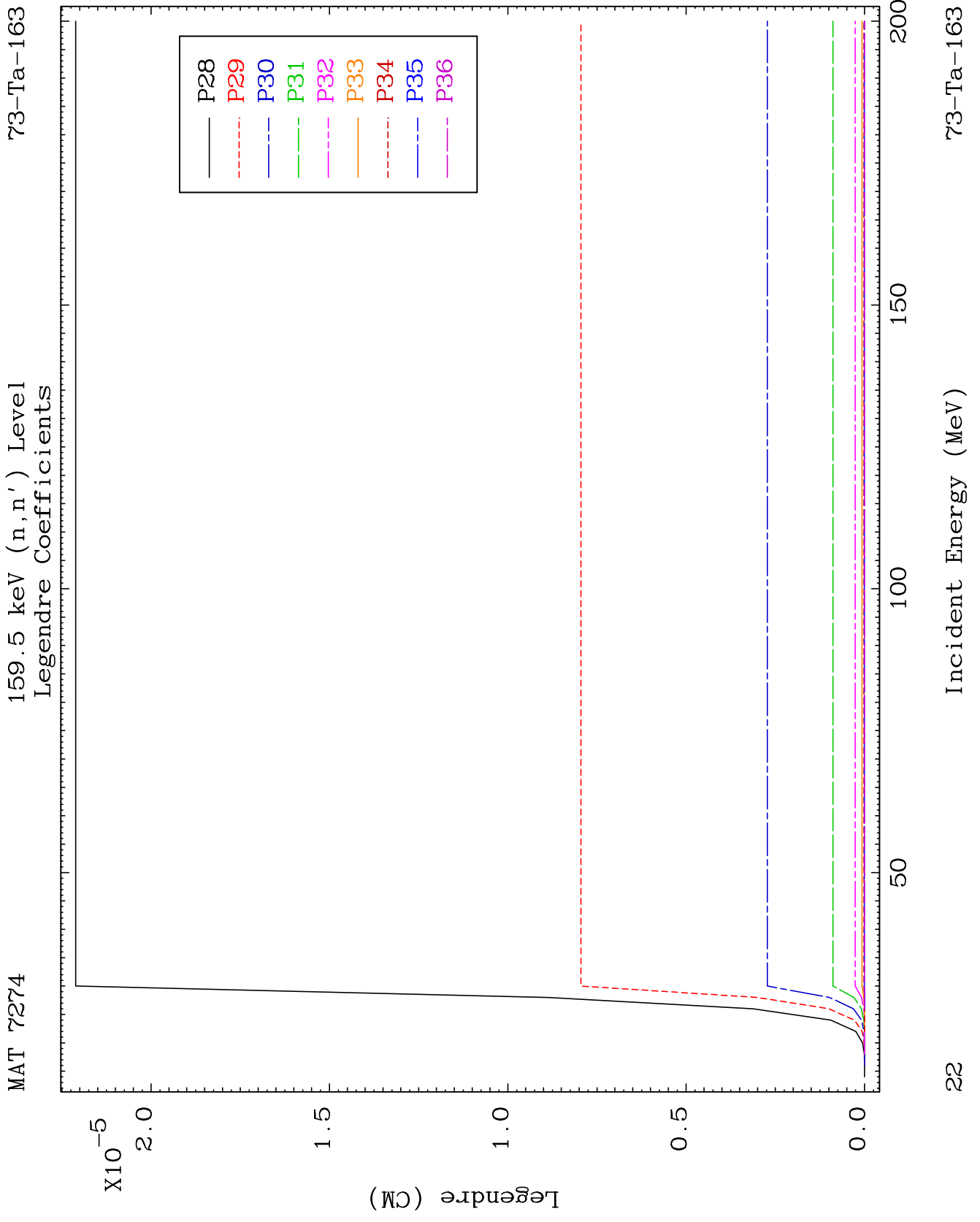


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159.5 keV (n,n') Level
Legendre Coefficients

73-Ta-163



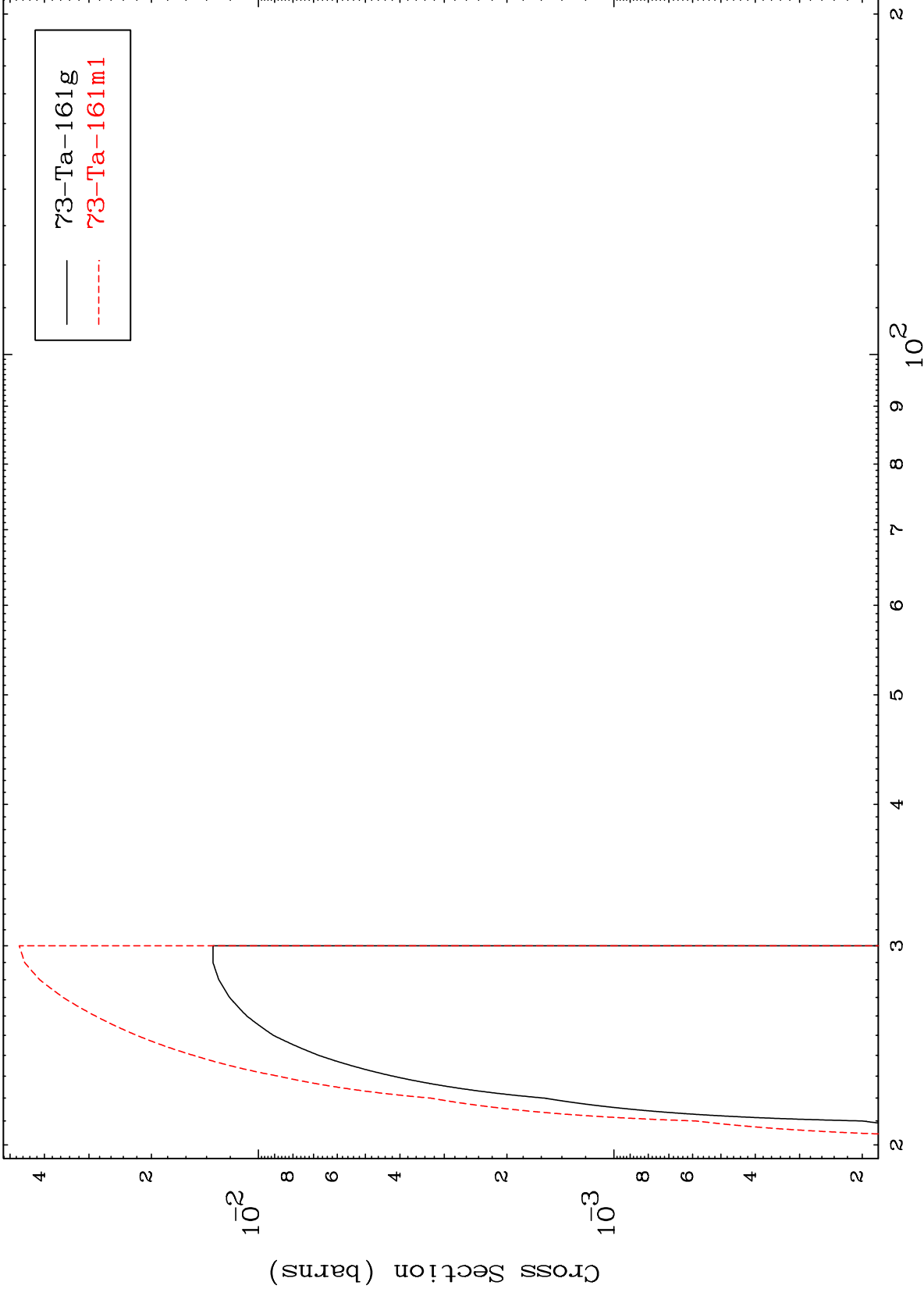


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(n,3n)

⁷³Ta-163

Radionuclide Production Cross Section



23

Incident Energy (MeV)

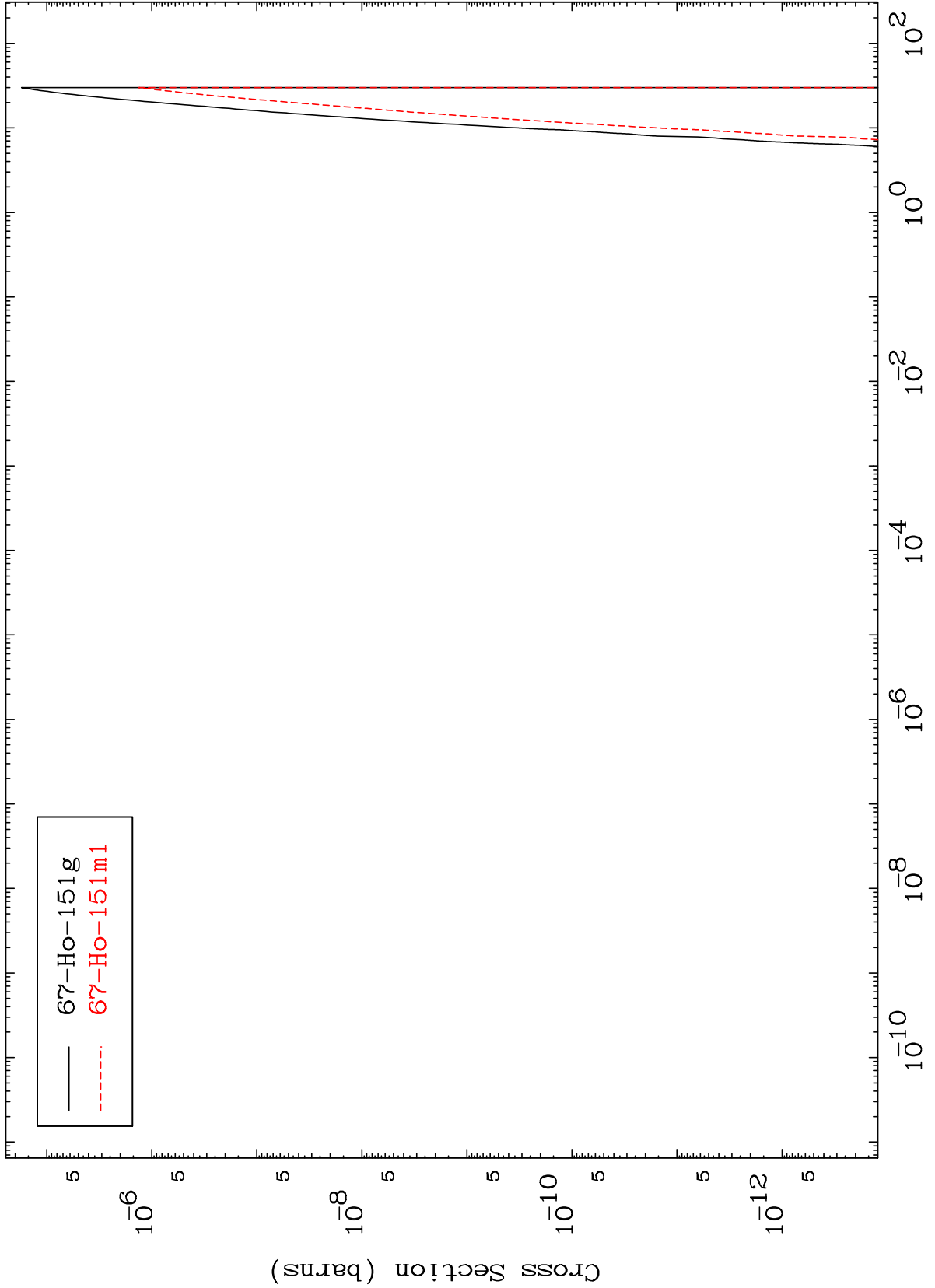
⁷³Ta-163

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(n,n') 3 α

⁷³Ta-163

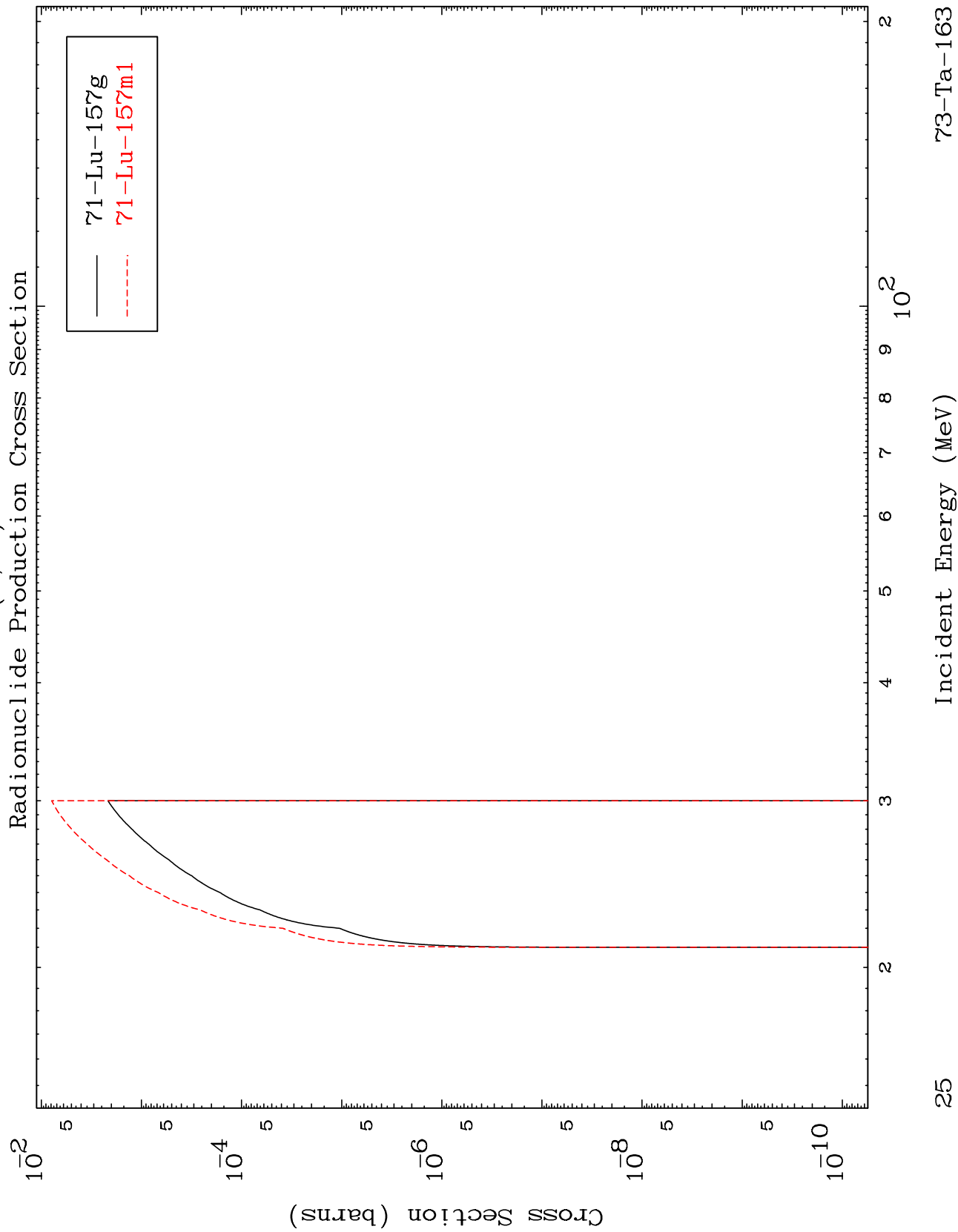
Radionuclide Production Cross Section



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(n,3n) α

73-Ta-163



25

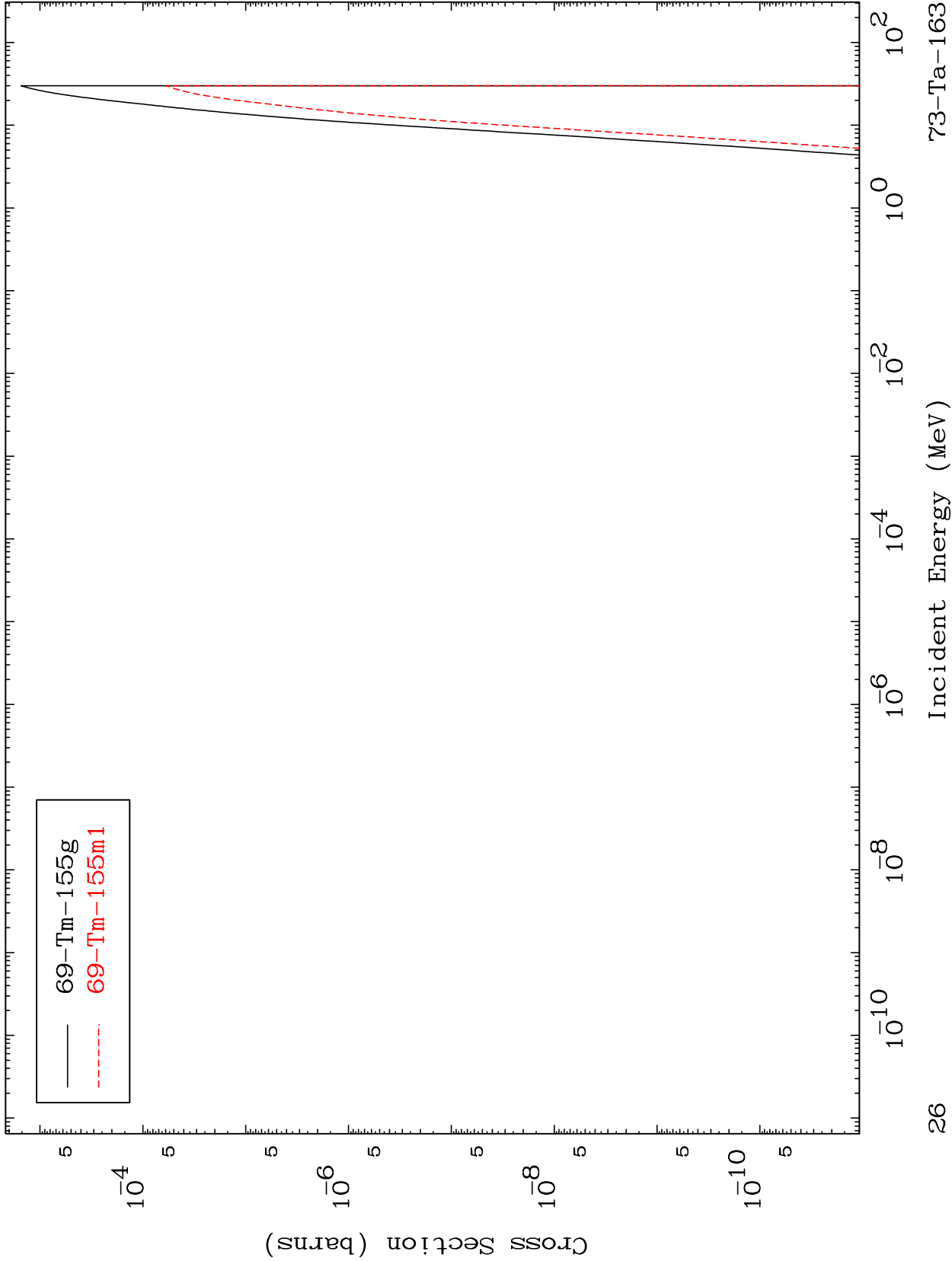
73-Ta-163

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(n,n') 2α

73-Ta-163

Radionuclide Production Cross Section

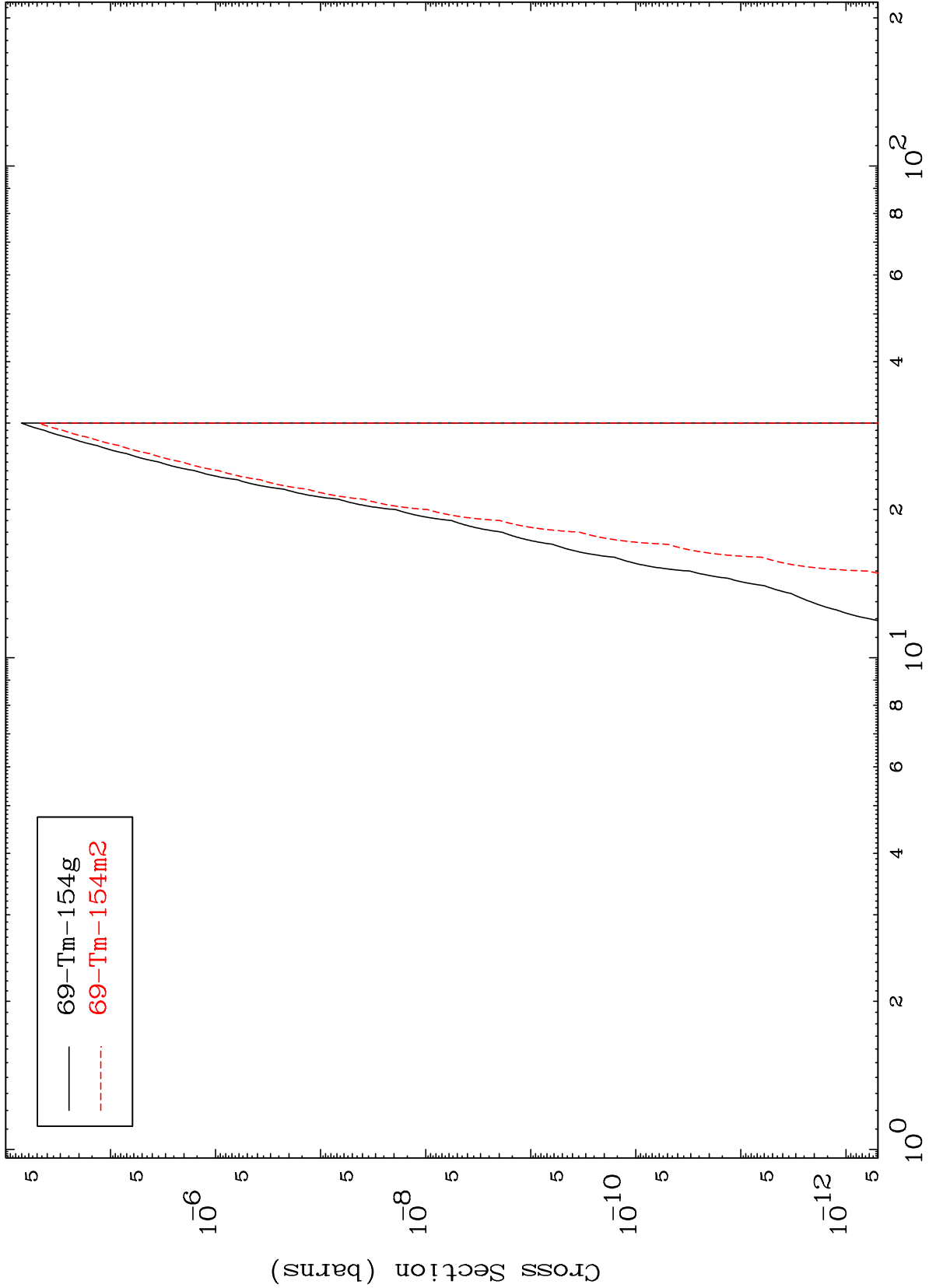


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$(n,2n) 2\alpha$

$^{73}\text{Ta-163}$

Radionuclide Production Cross Section



27

Incident Energy (MeV)

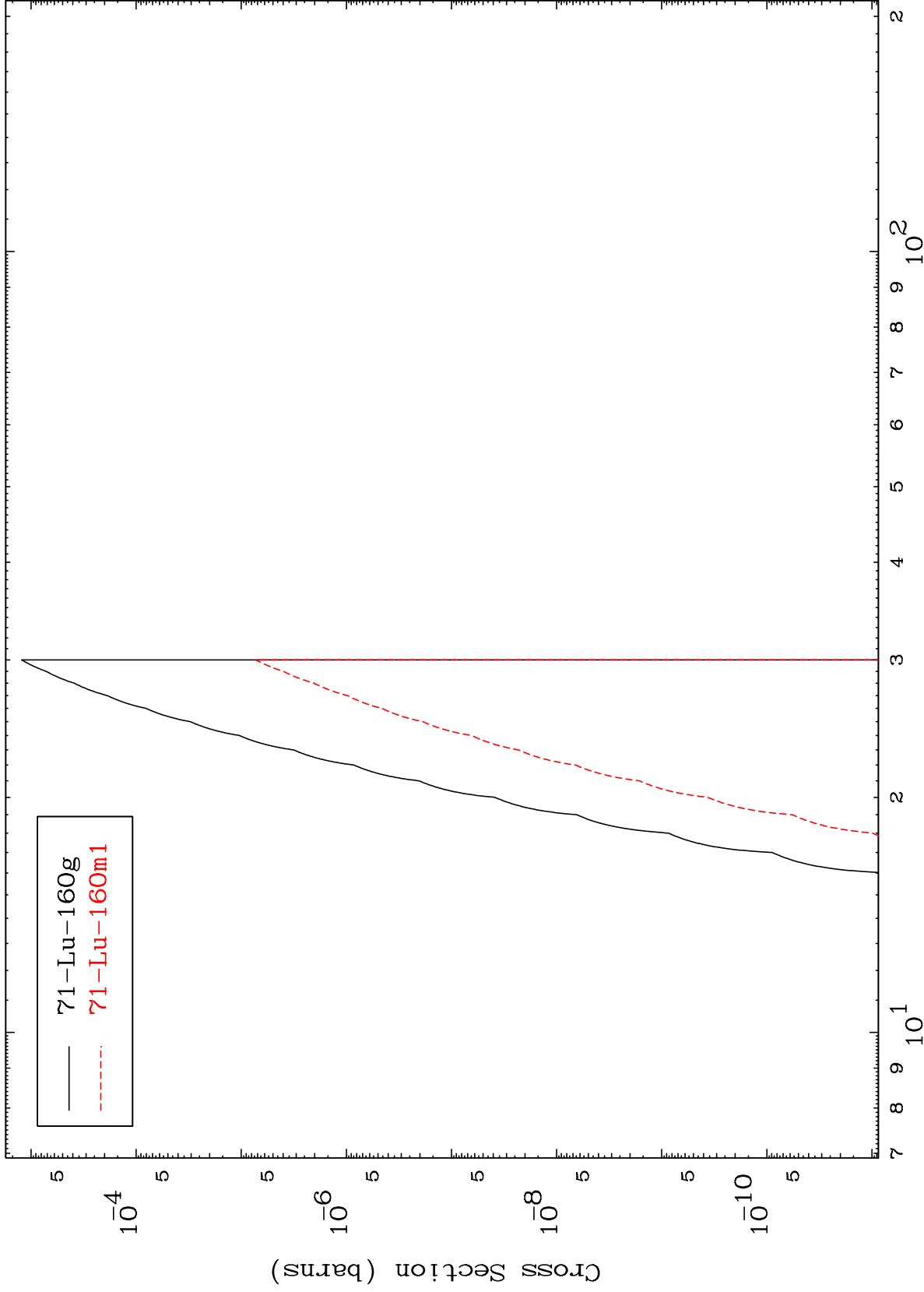
$^{73}\text{Ta-163}$

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(n,n') He-3

73-Ta-163

Radionuclide Production Cross Section



28

Incident Energy (MeV)

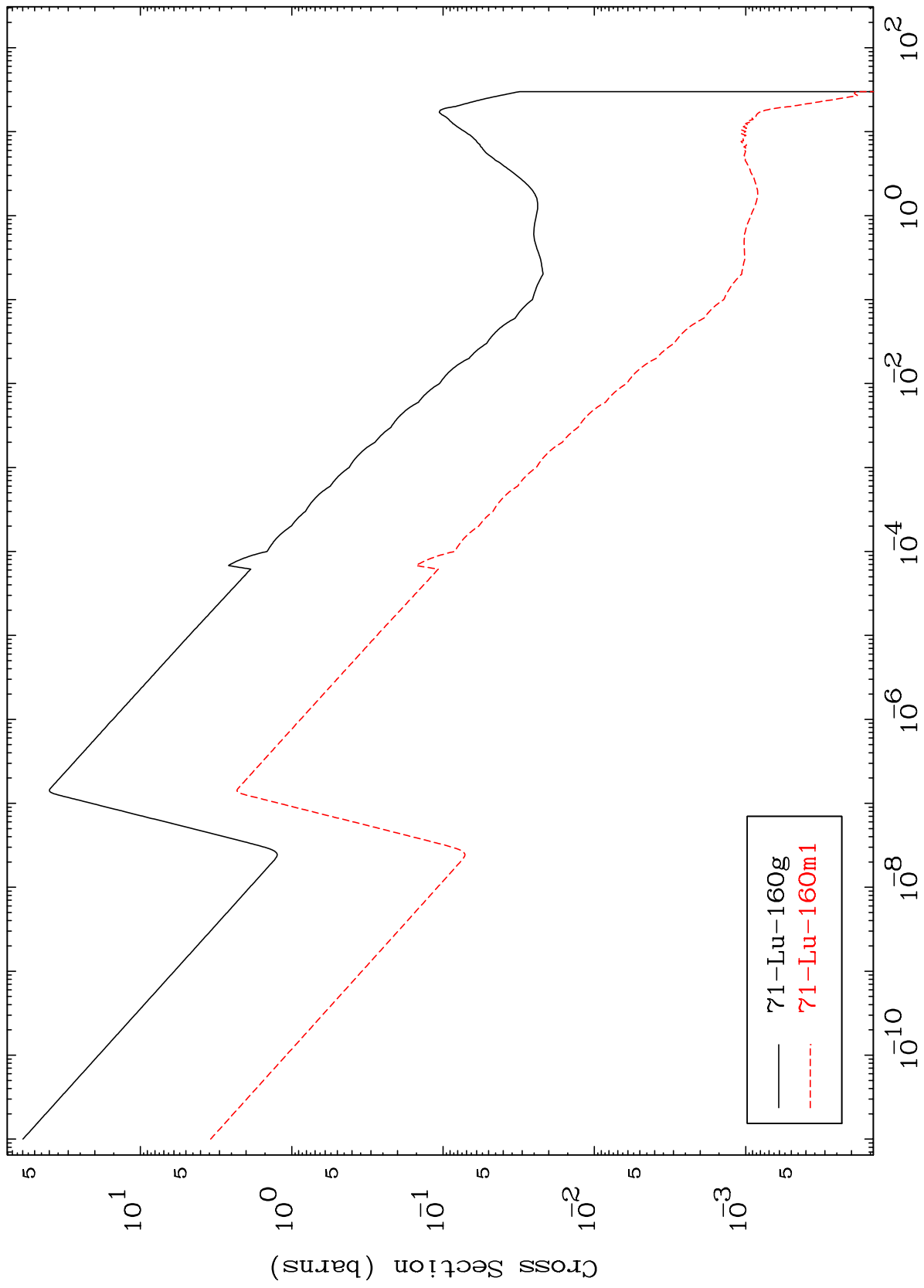
73-Ta-163

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73-Ta-163

Radionuclide Production Cross Section

(n, α)



73-Ta-163

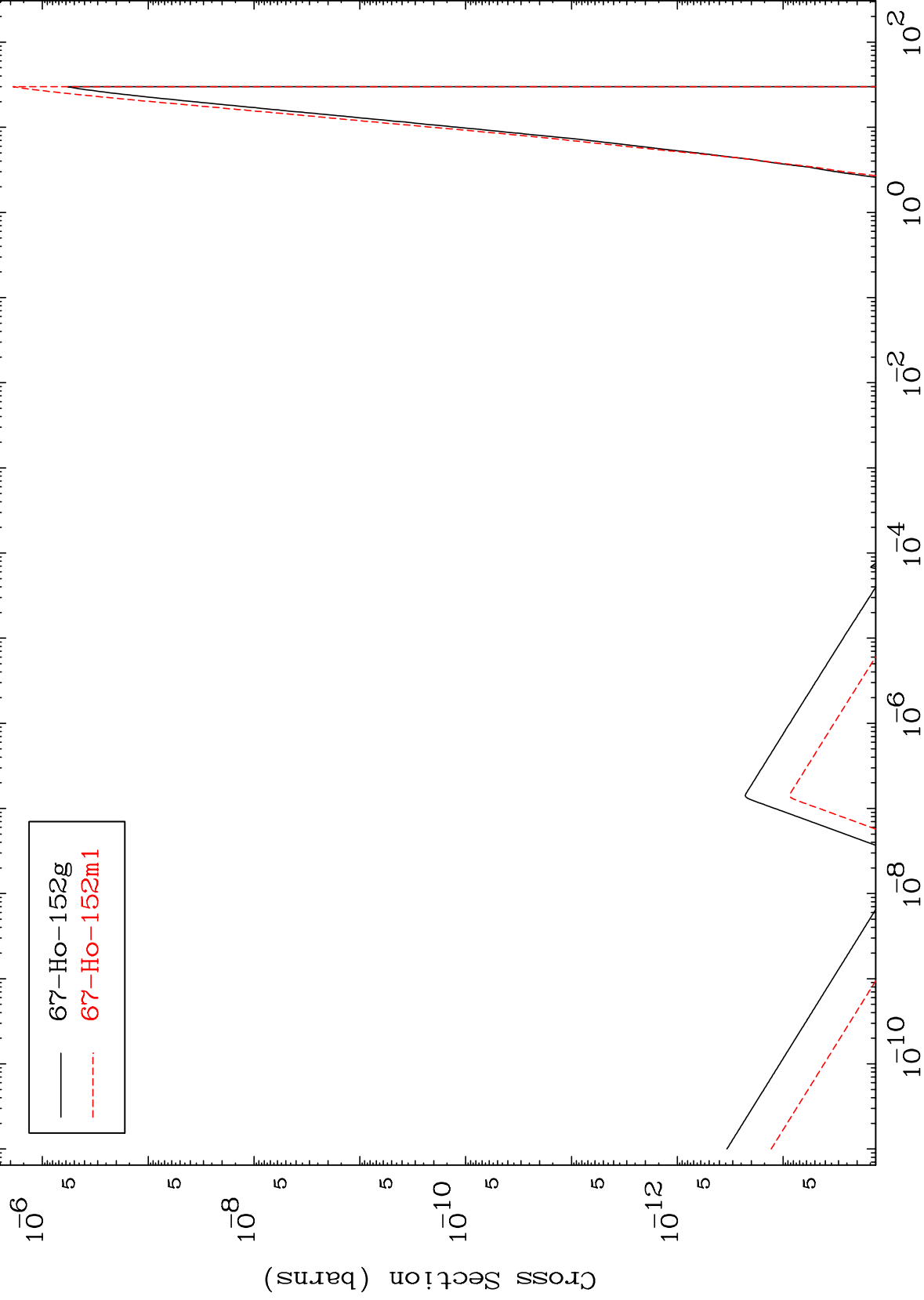
Incident Energy (MeV)

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(n,3 α)

⁷³Ta-163

Radionuclide Production Cross Section



30

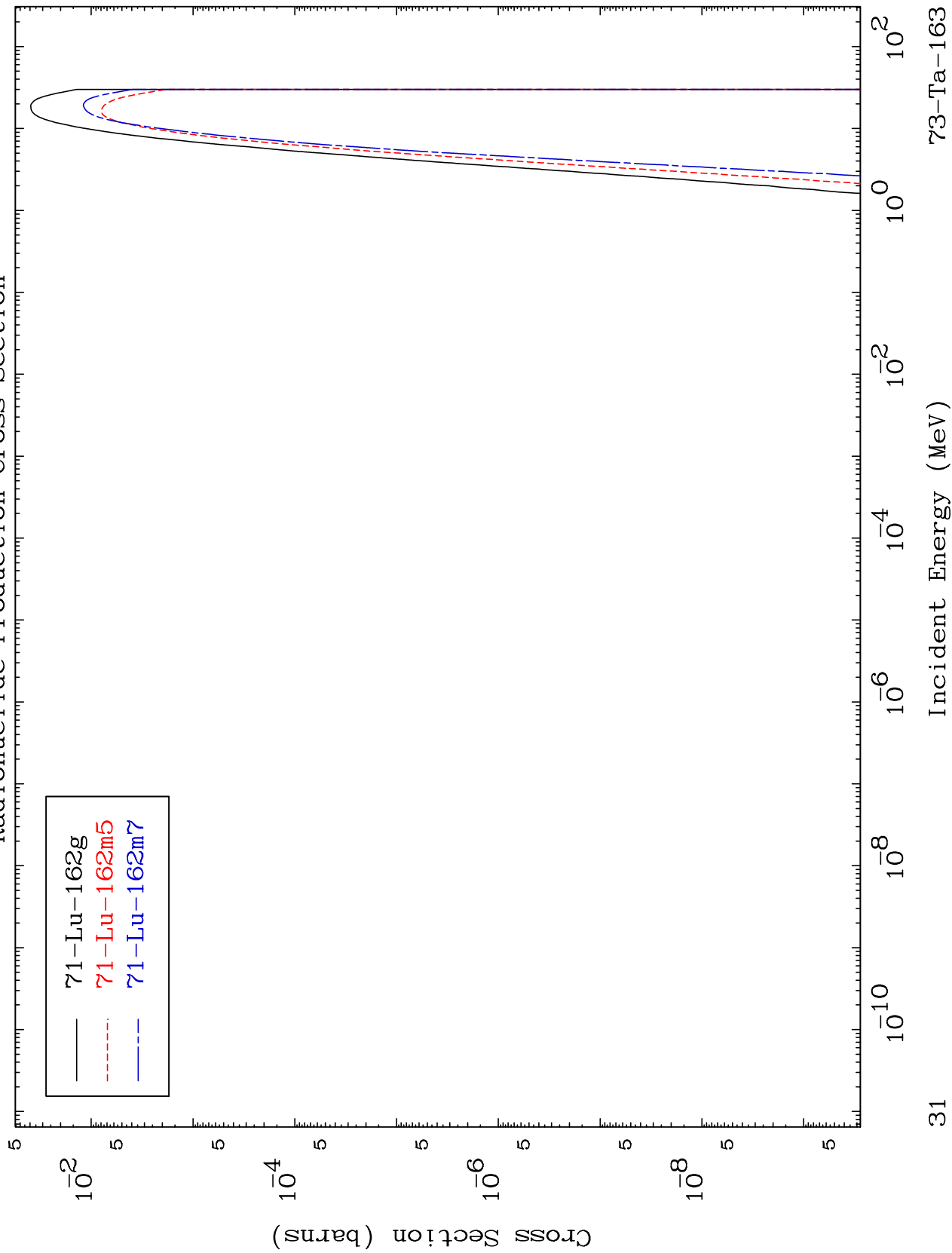
Incident Energy (MeV)

⁷³Ta-163

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73-Ta-163

(n,2p)
Radionuclide Production Cross Section

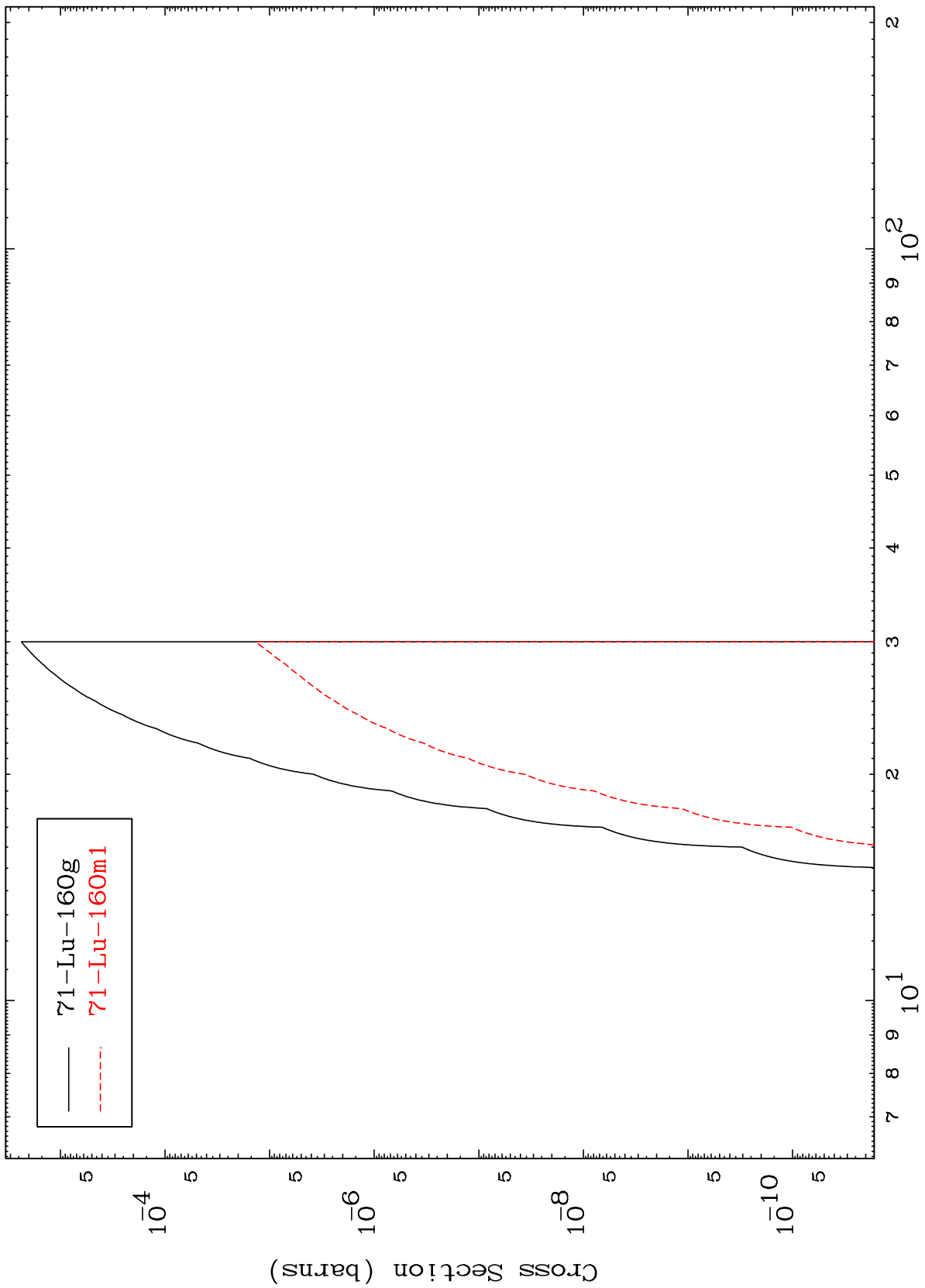


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(n,p) t

73-Ta-163

Radionuclide Production Cross Section



32

Incident Energy (MeV)

73-Ta-163