

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

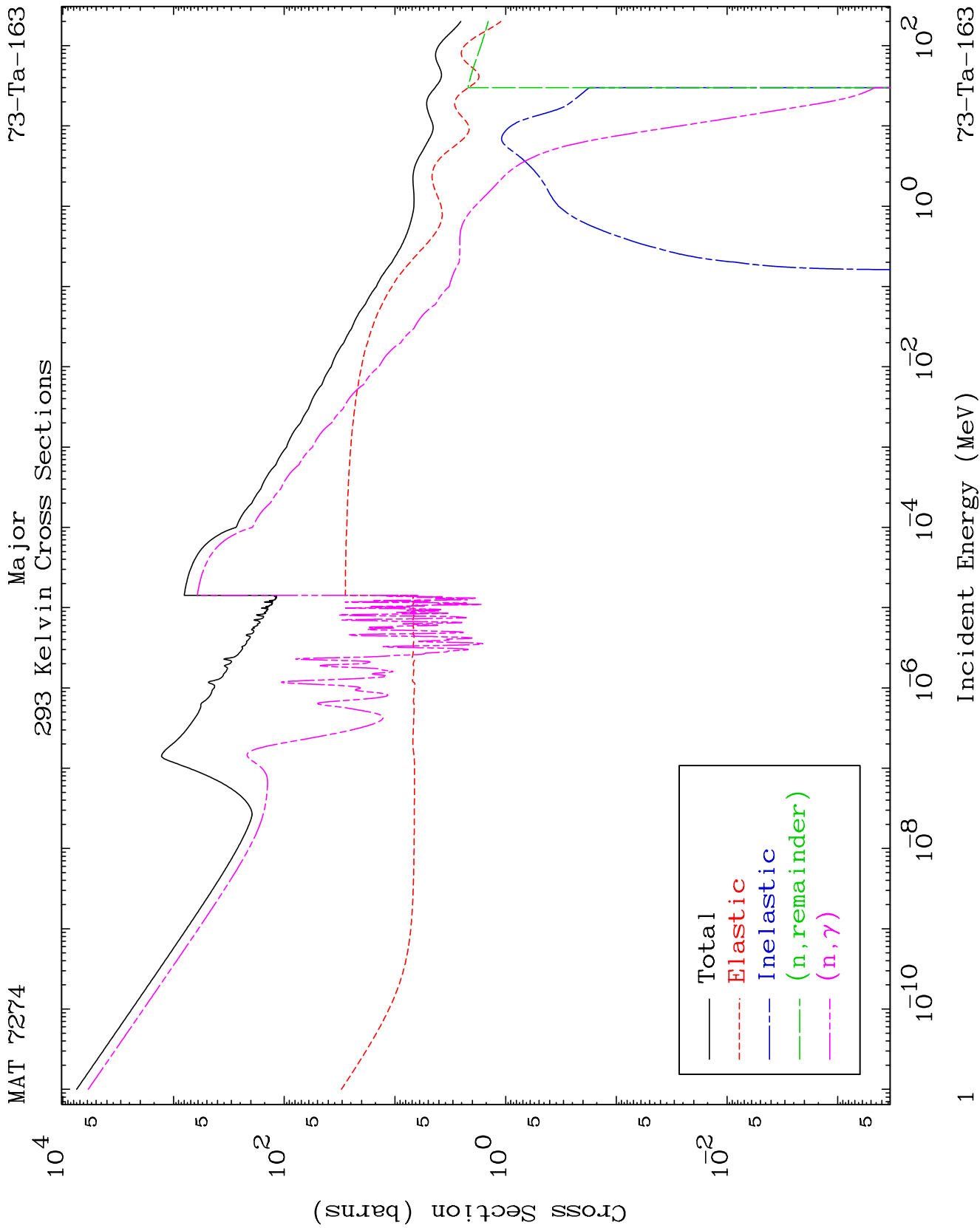
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Web:redcullen1.net/HOMEPAGE.NEW

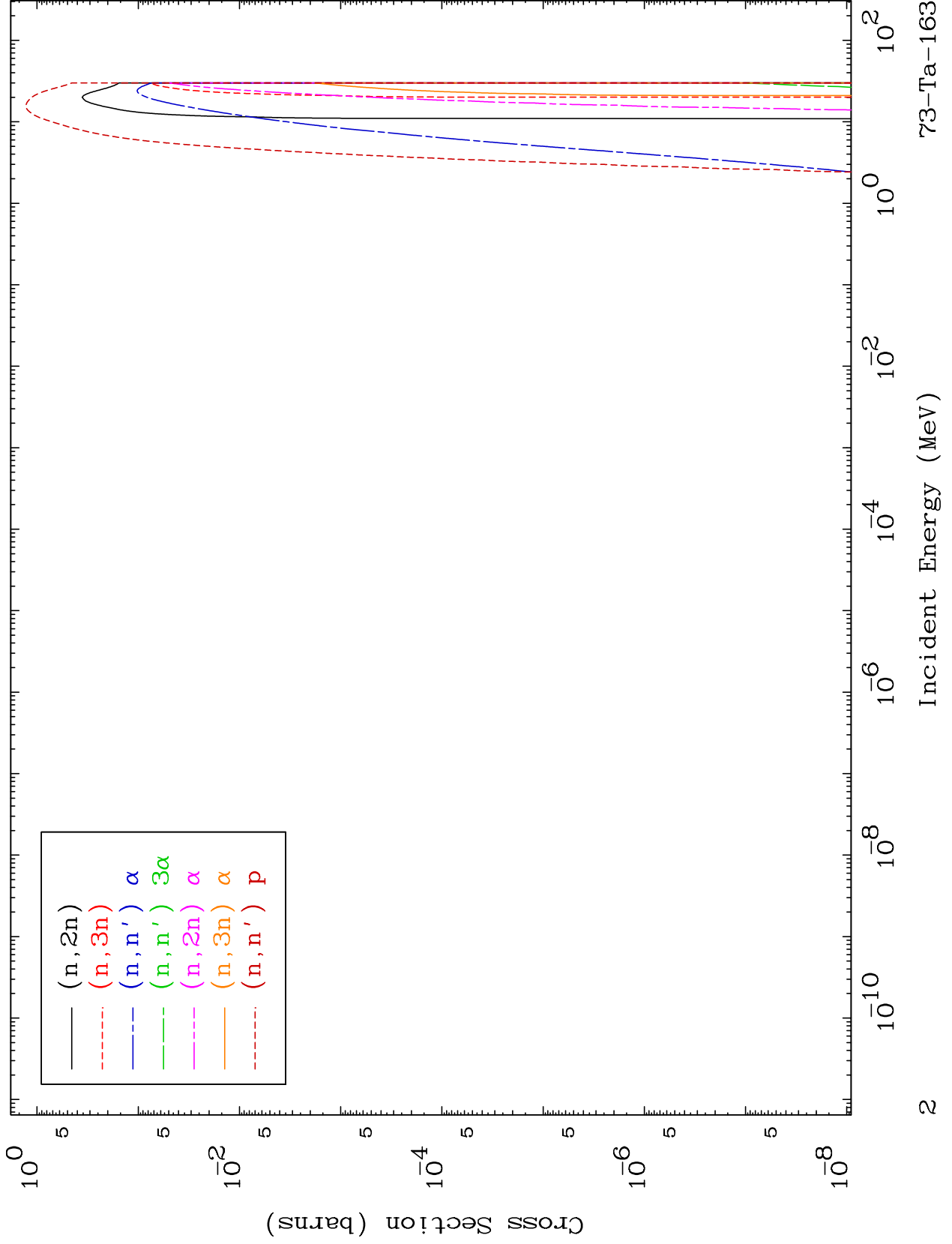
Press Mouse Button to Start



MAT 7274

Neutron Production
293 Kelvin Cross Sections

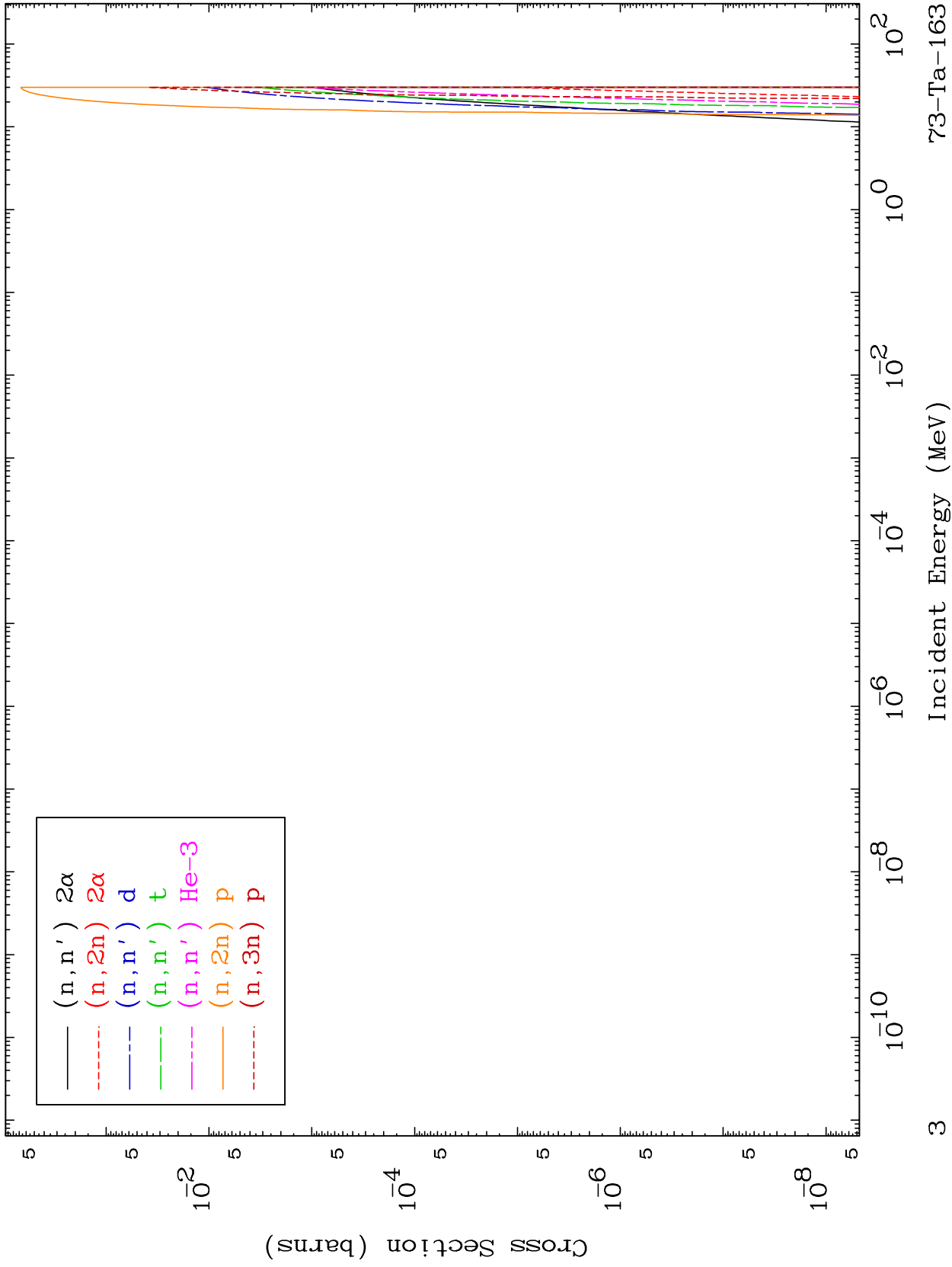
73-Ta-163



MAT 7274

Neutron Production
293 Kelvin Cross Sections

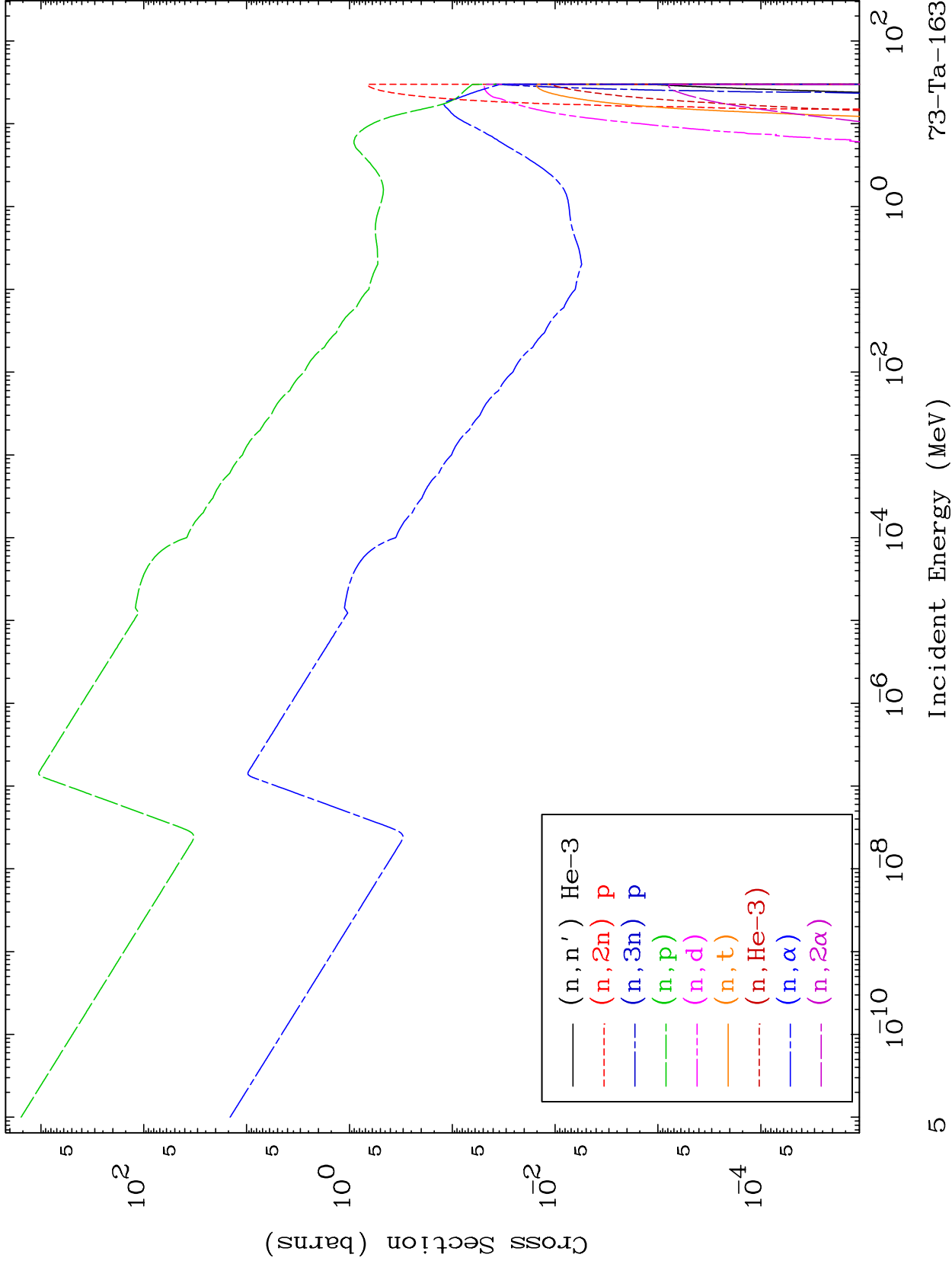
73-Ta-163



MAT 7274

Charged Particle
293 Kelvin Cross Sections

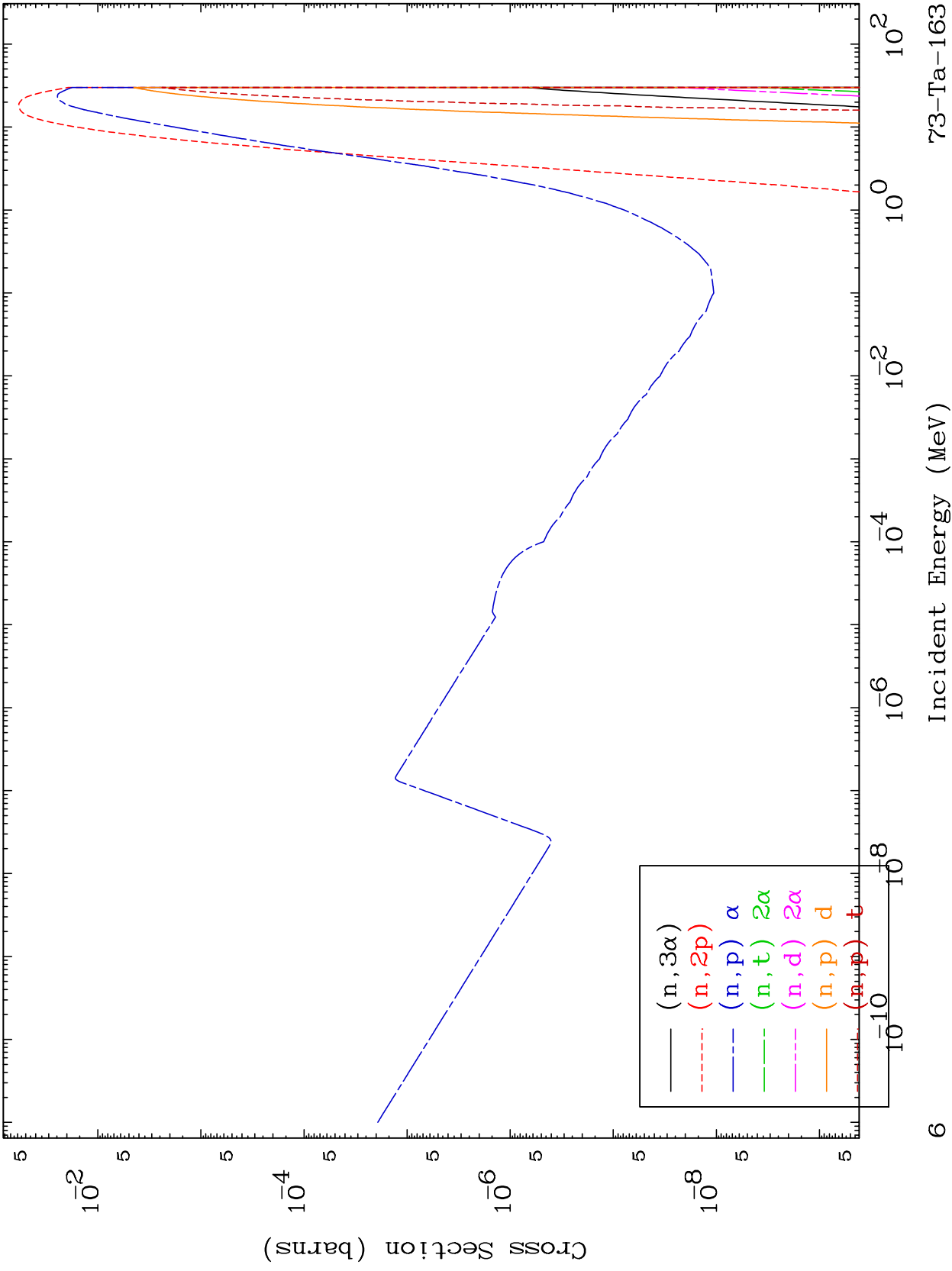
73-Ta-163



MAT 7274

Charged Particle
293 Kelvin Cross Sections

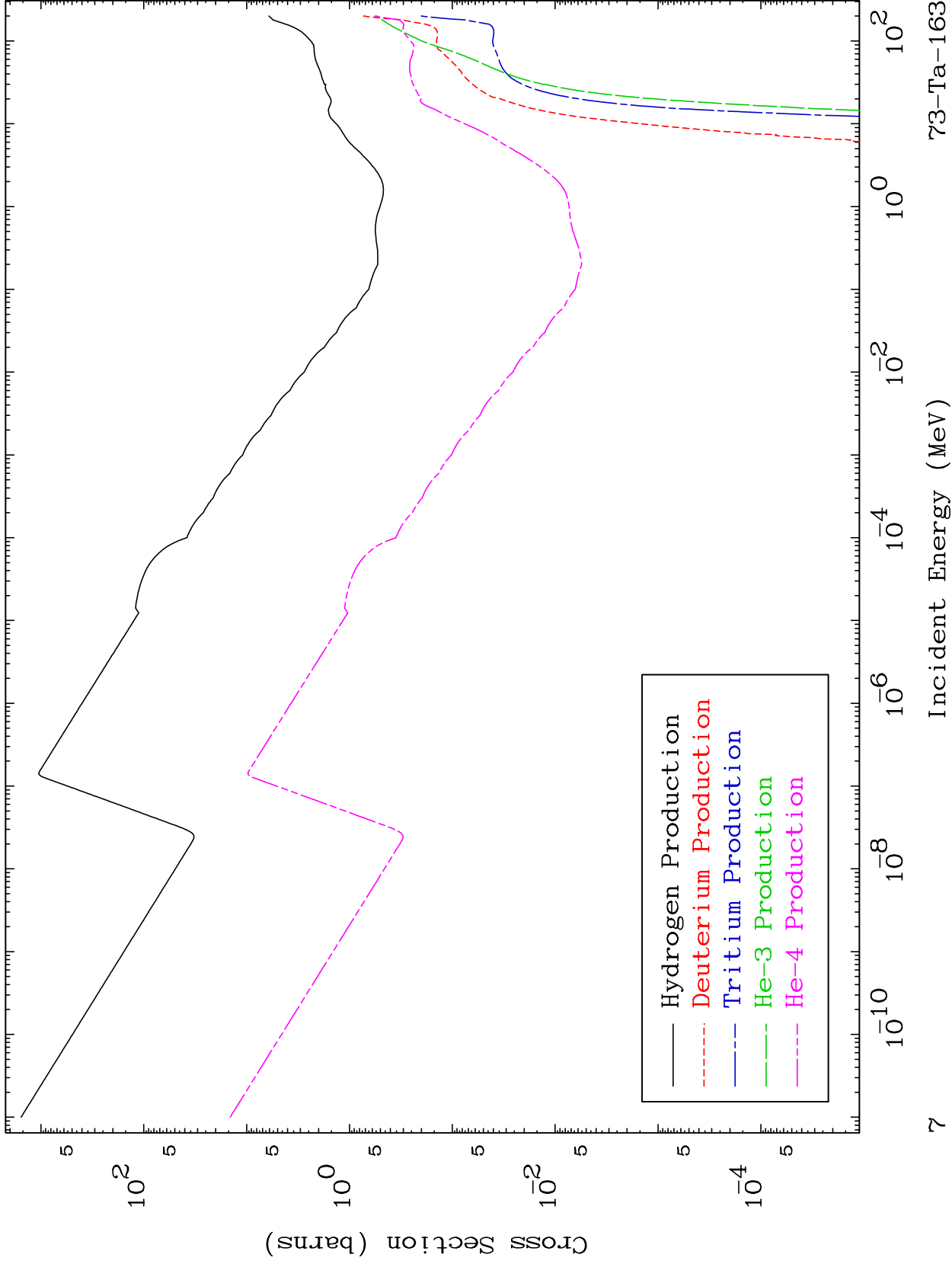
73-Ta-163



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Particle Production
293 Kelvin Cross Sections

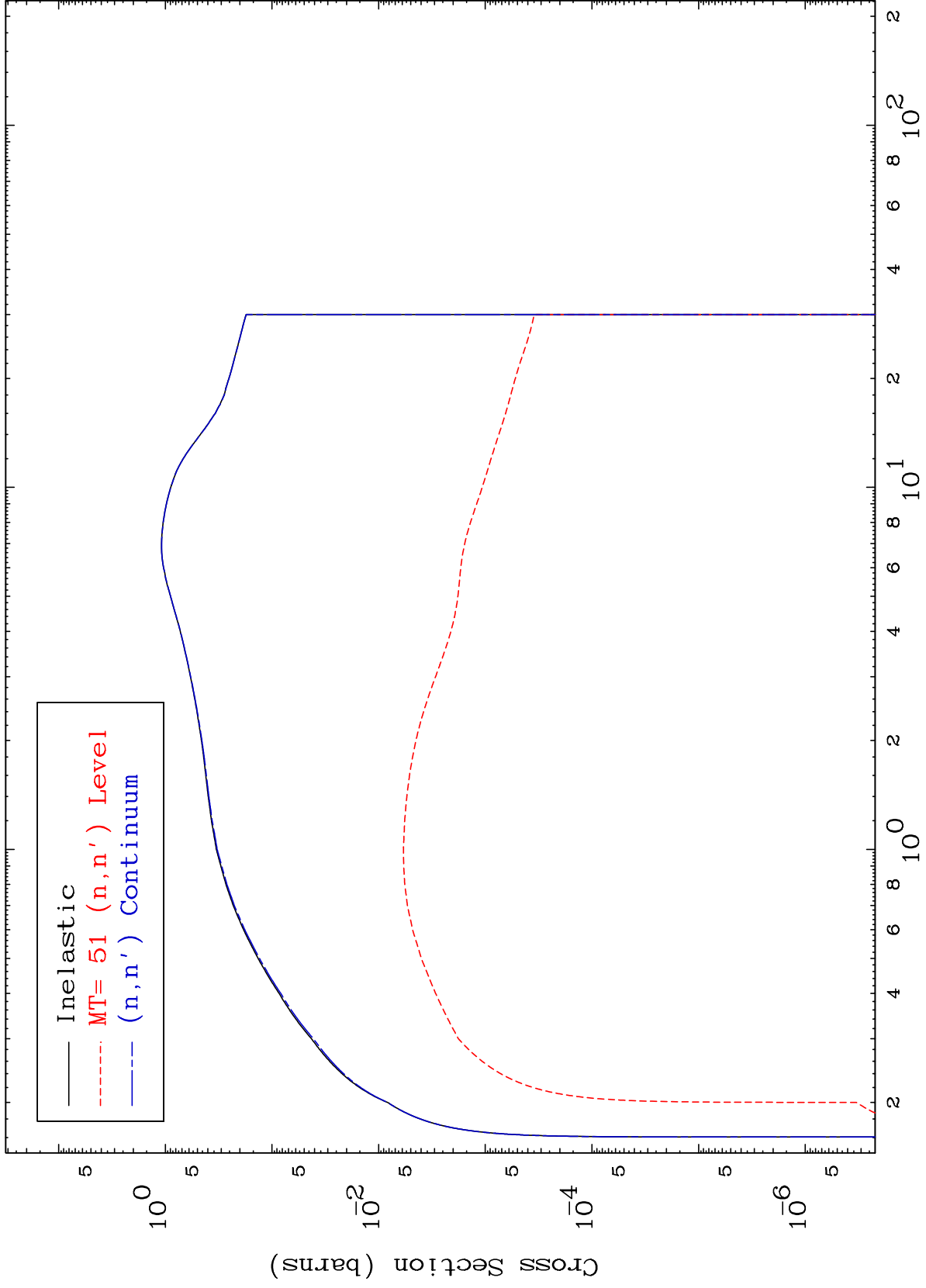
73-Ta-163



MAT 7274

(n,n') Level
293 Kelvin Cross Sections

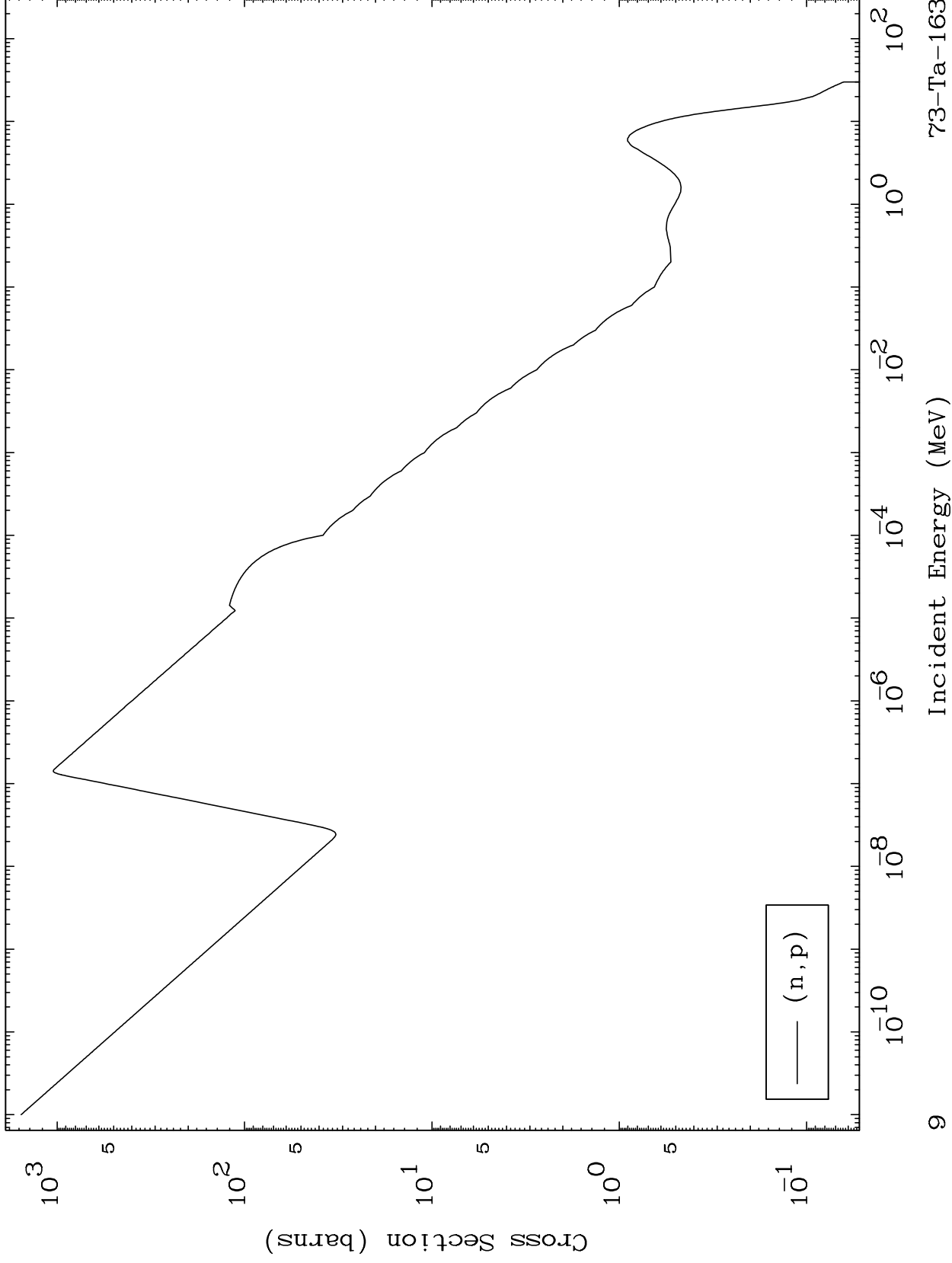
73-Ta-163



MAT 7274

(n,p) Levels
293 Kelvin Cross Sections

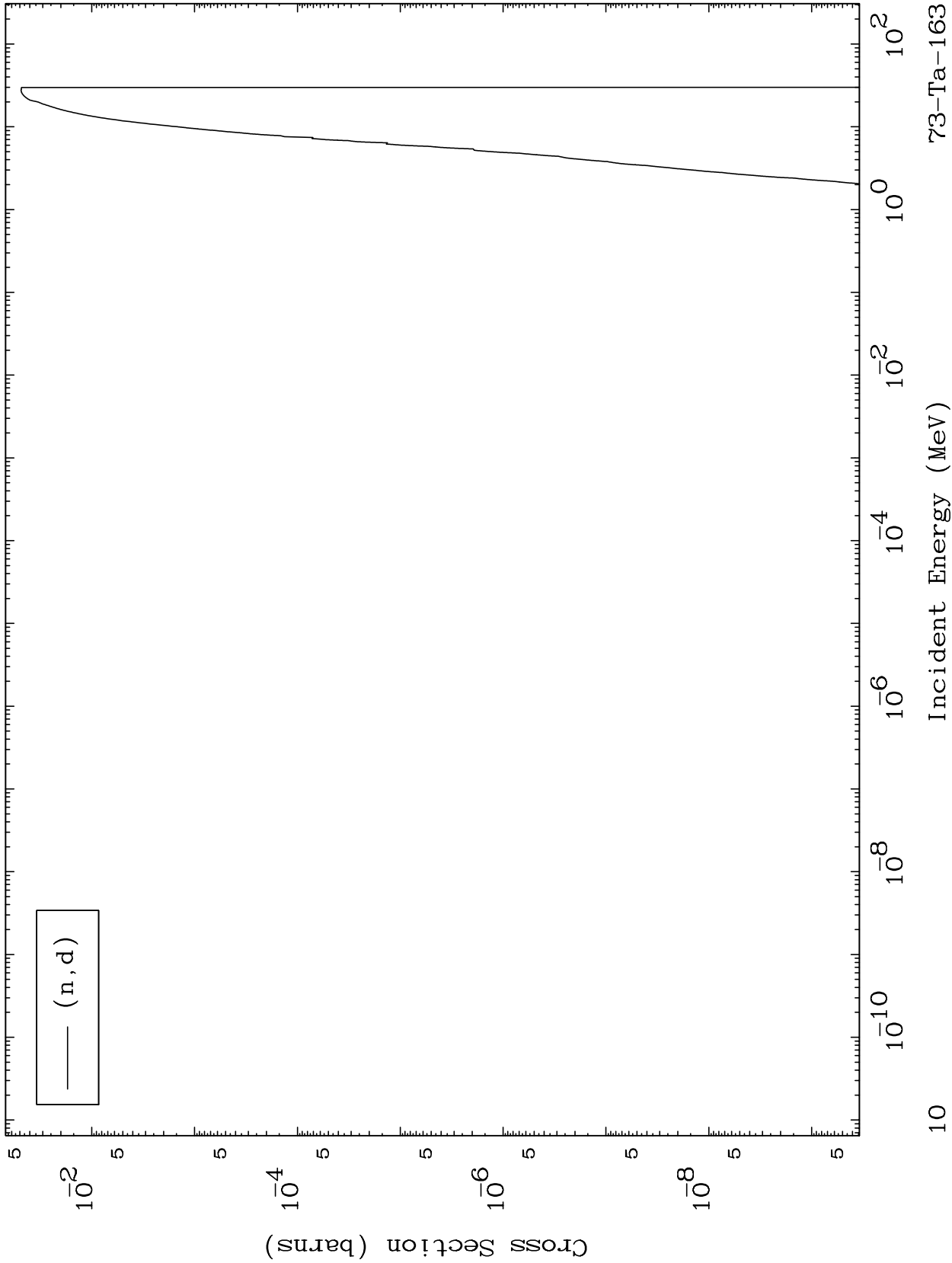
73-Ta-163



MAT 7274

(n,d) Levels
293 Kelvin Cross Sections

73-Ta-163



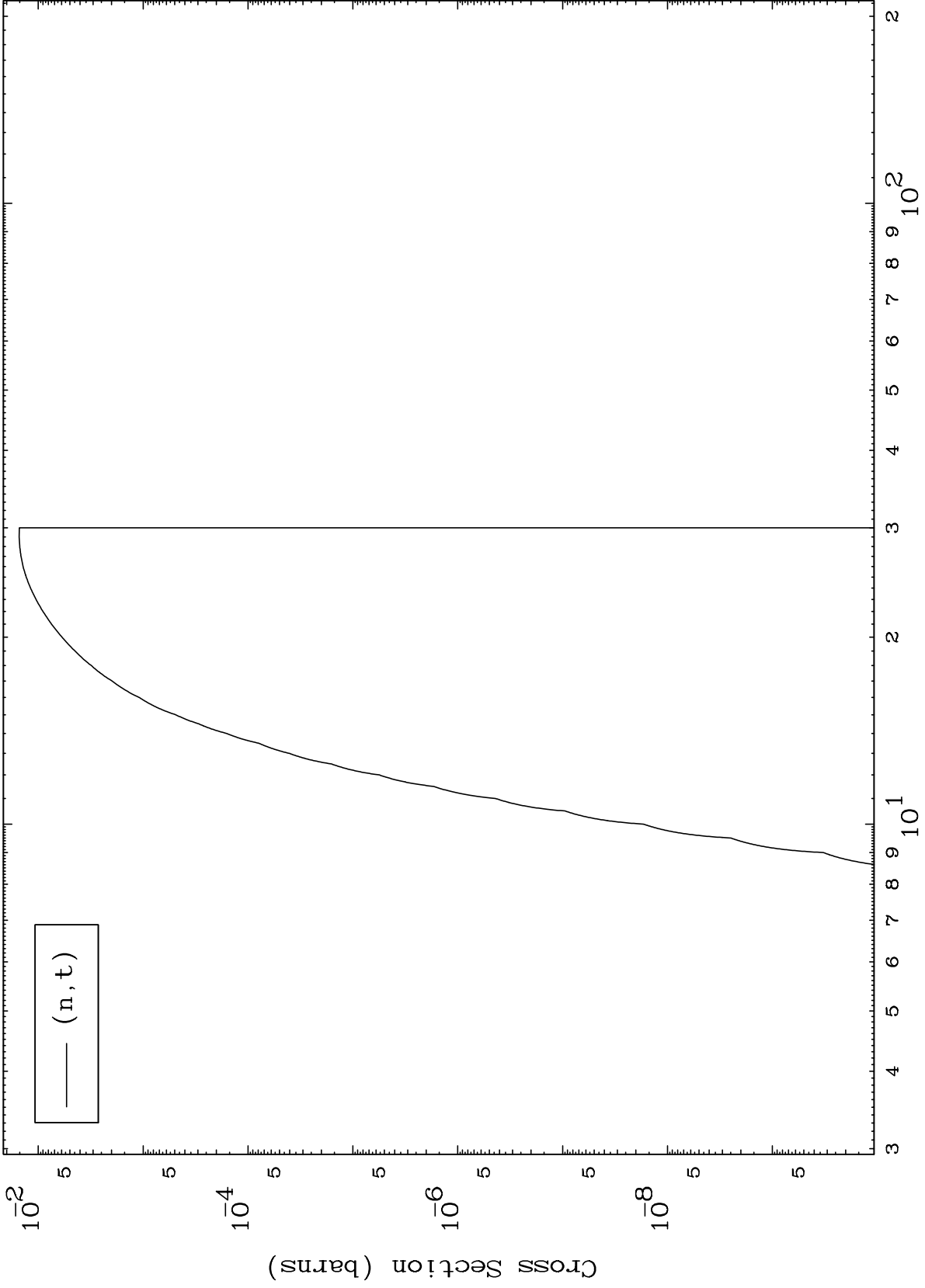
10

73-Ta-163

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(n,t) Levels
293 Kelvin Cross Sections

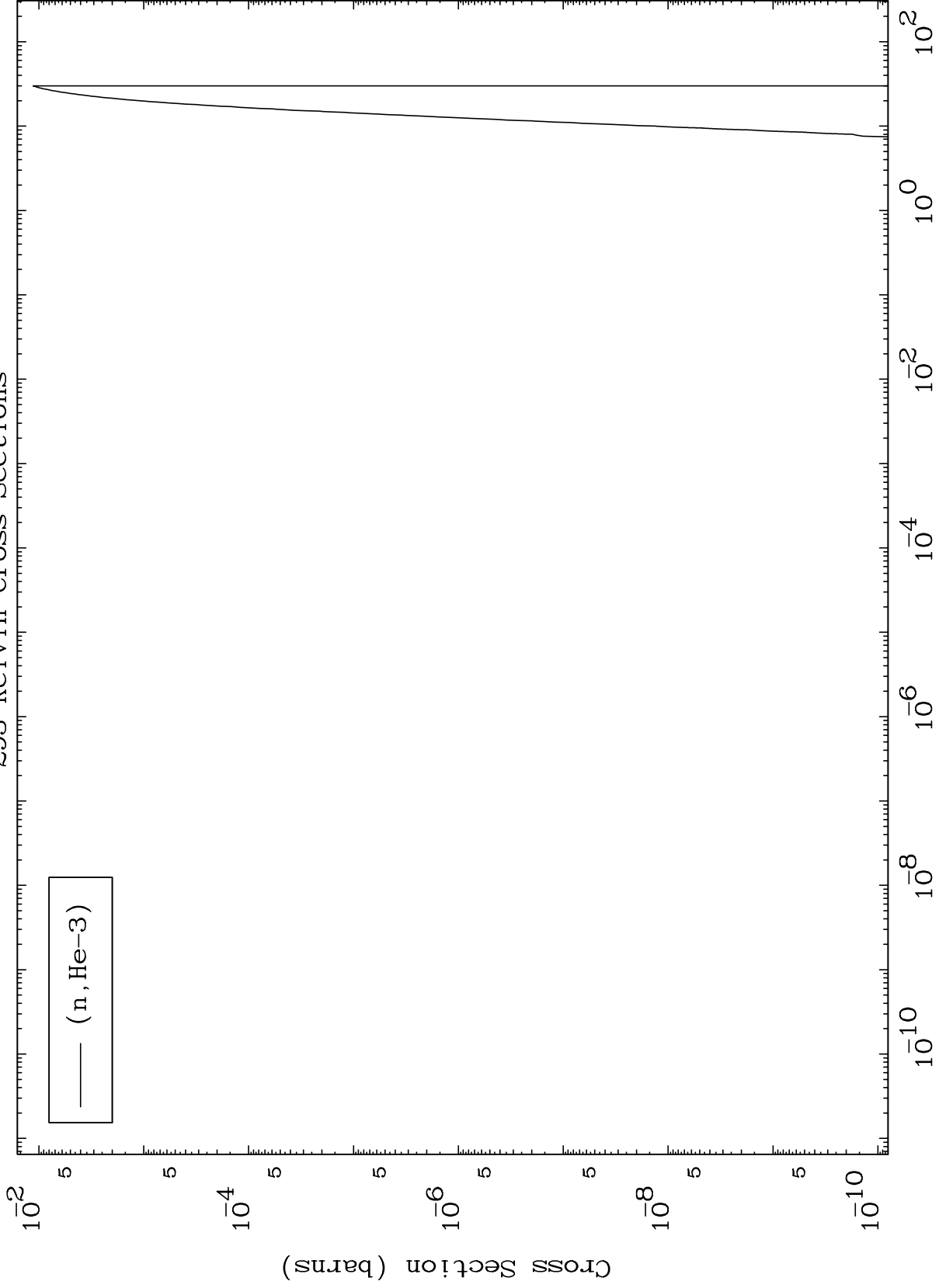
73-Ta-163



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(n,He3) Levels
293 Kelvin Cross Sections

73-Ta-163



(n, He-3)

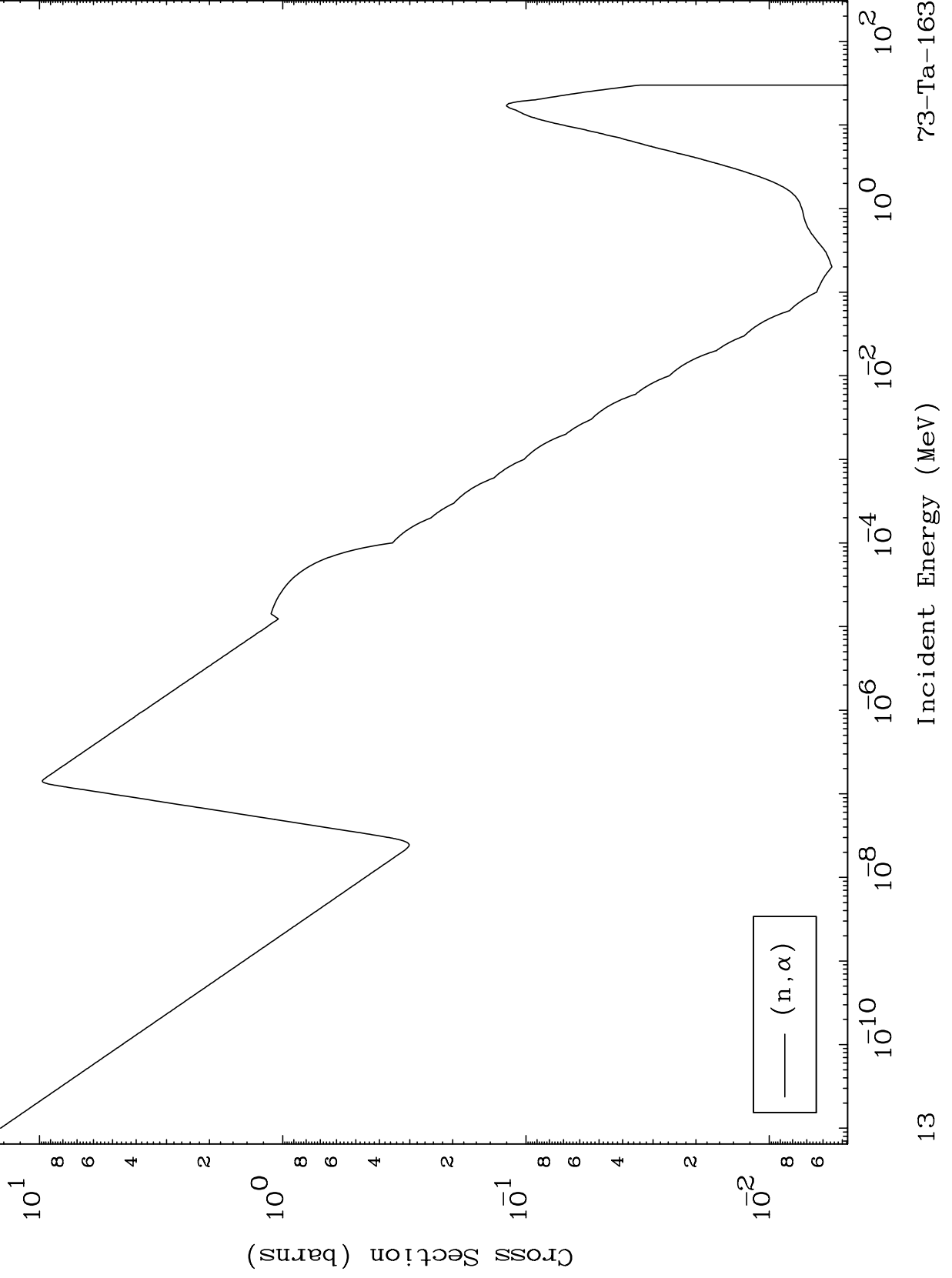
Incident Energy (MeV)

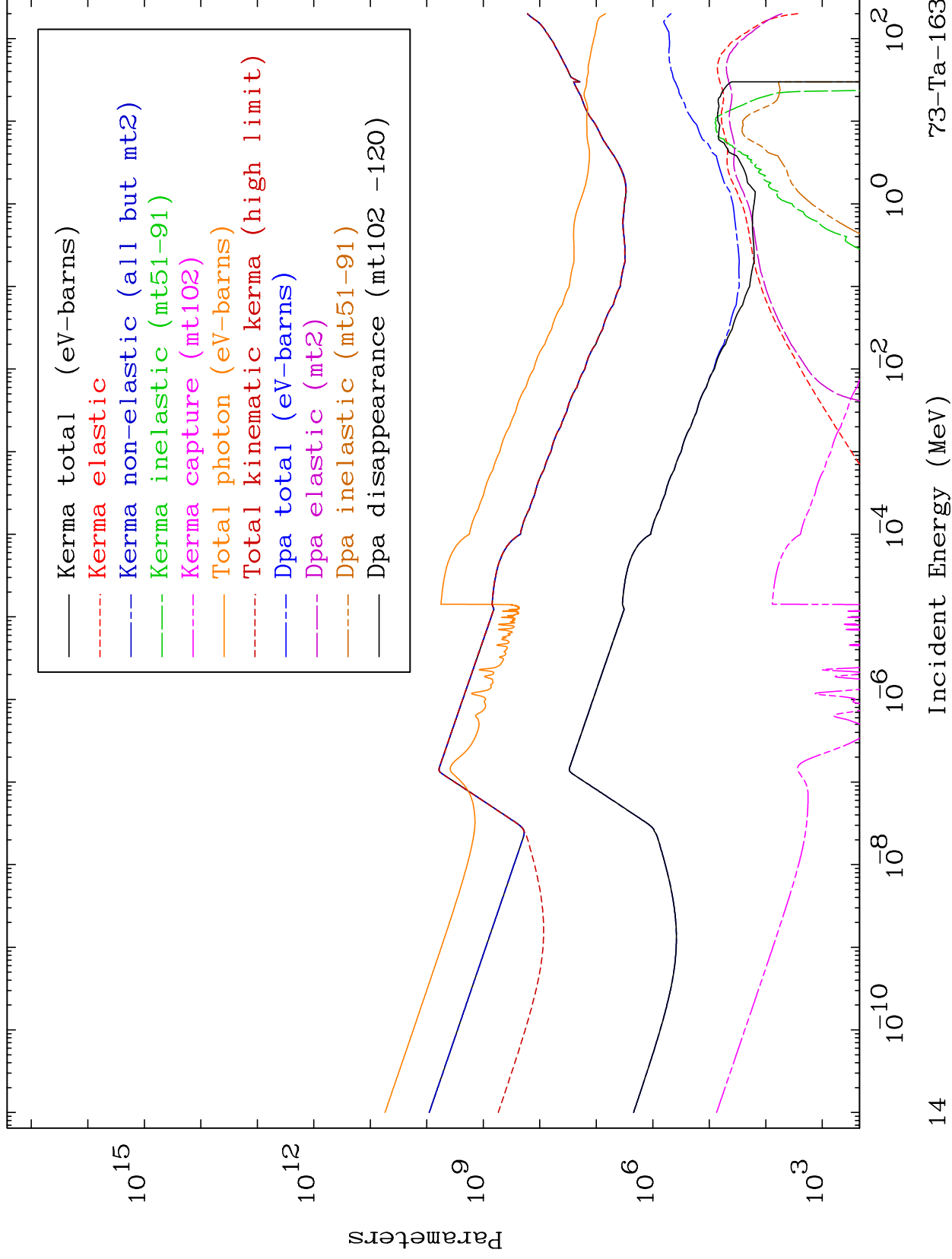
73-Ta-163

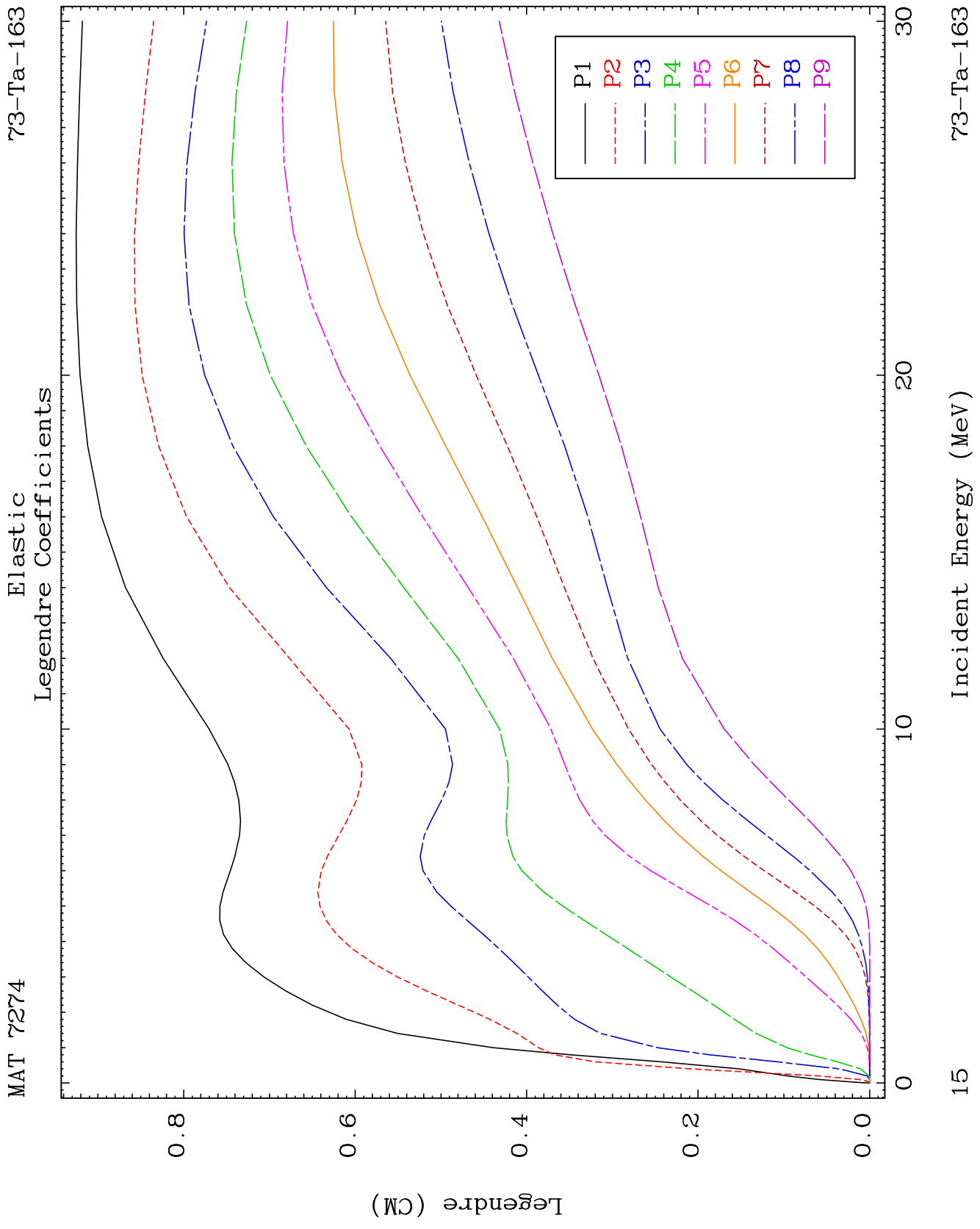
MAT 7274

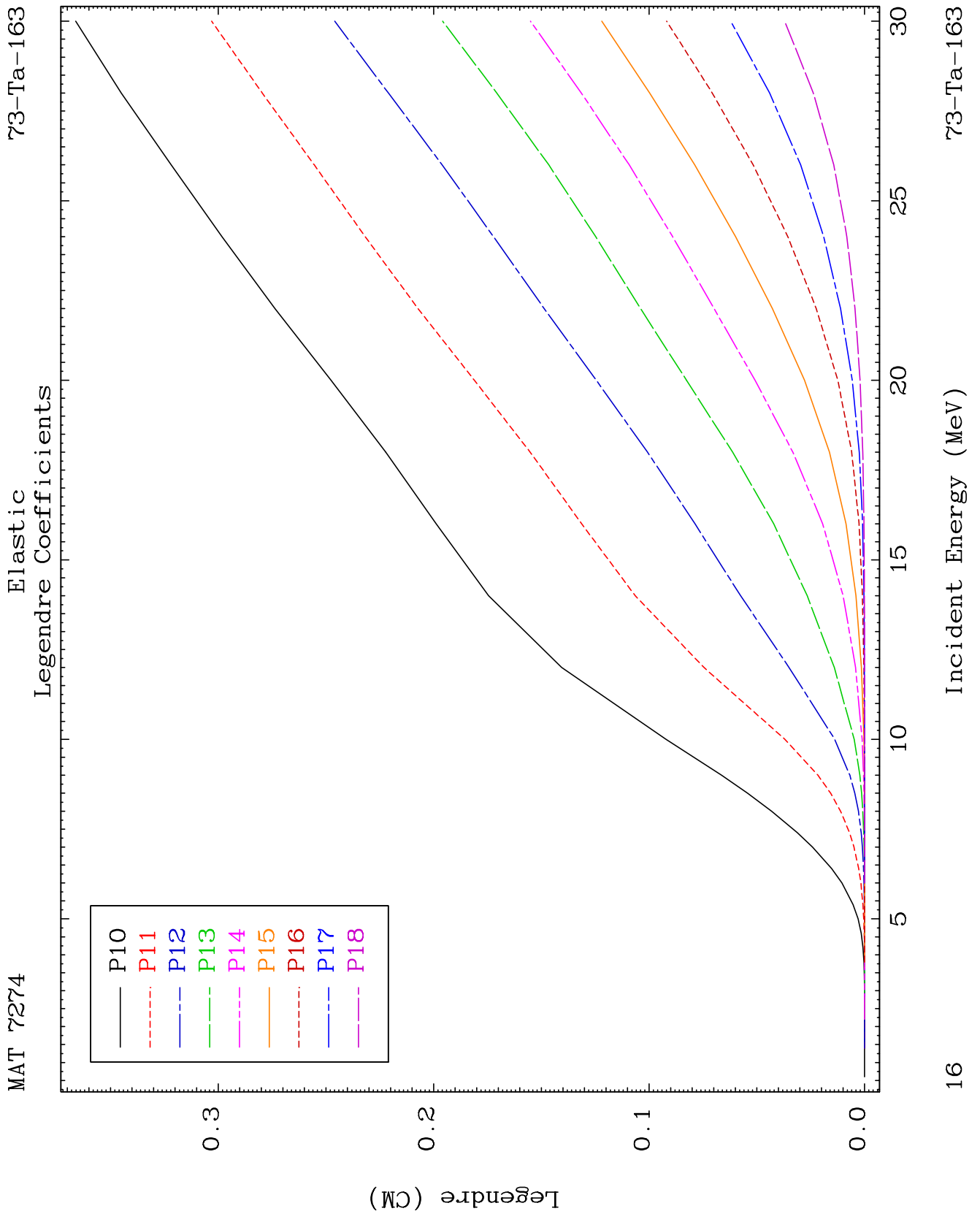
(n,α) Levels
293 Kelvin Cross Sections

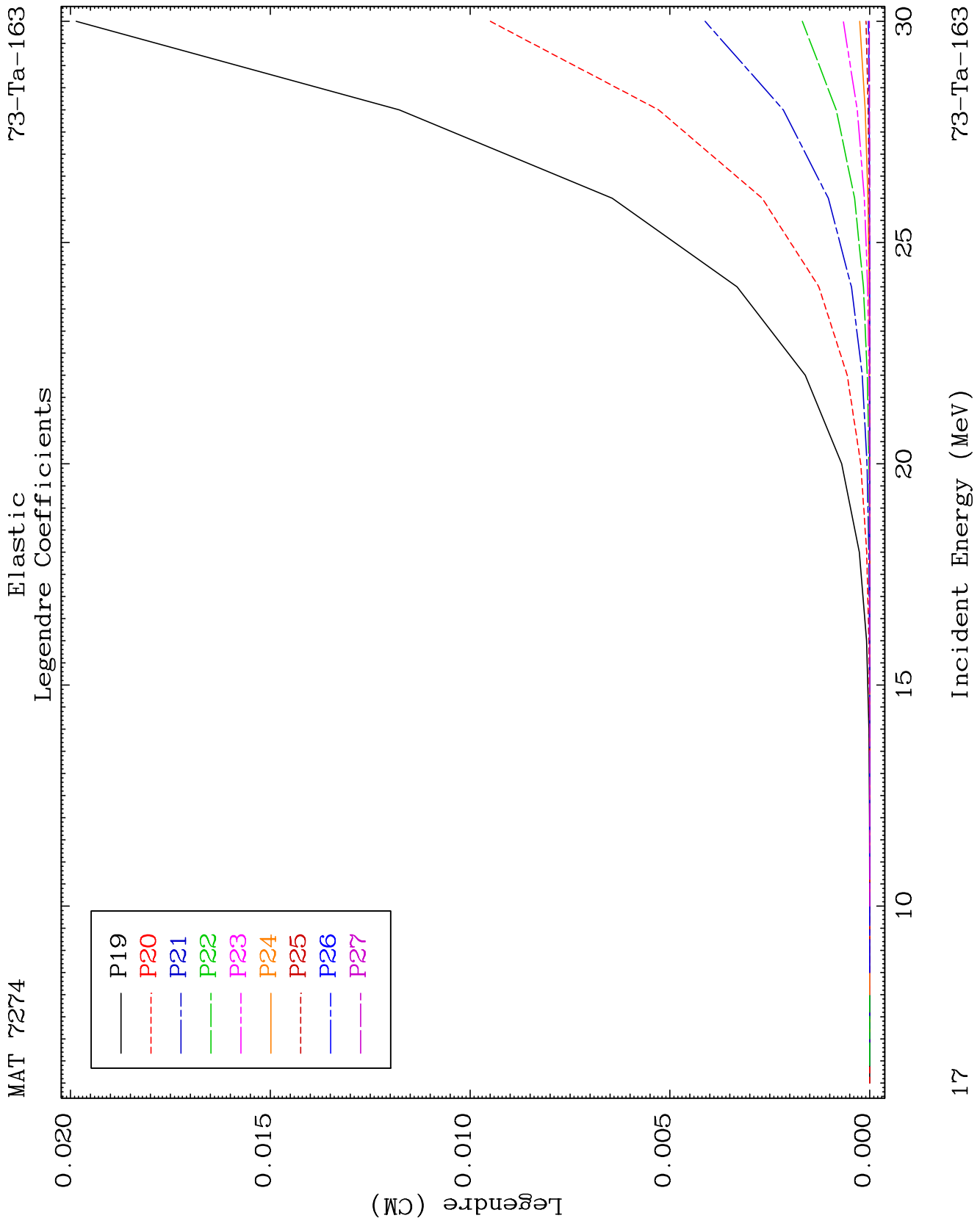
73-Ta-163







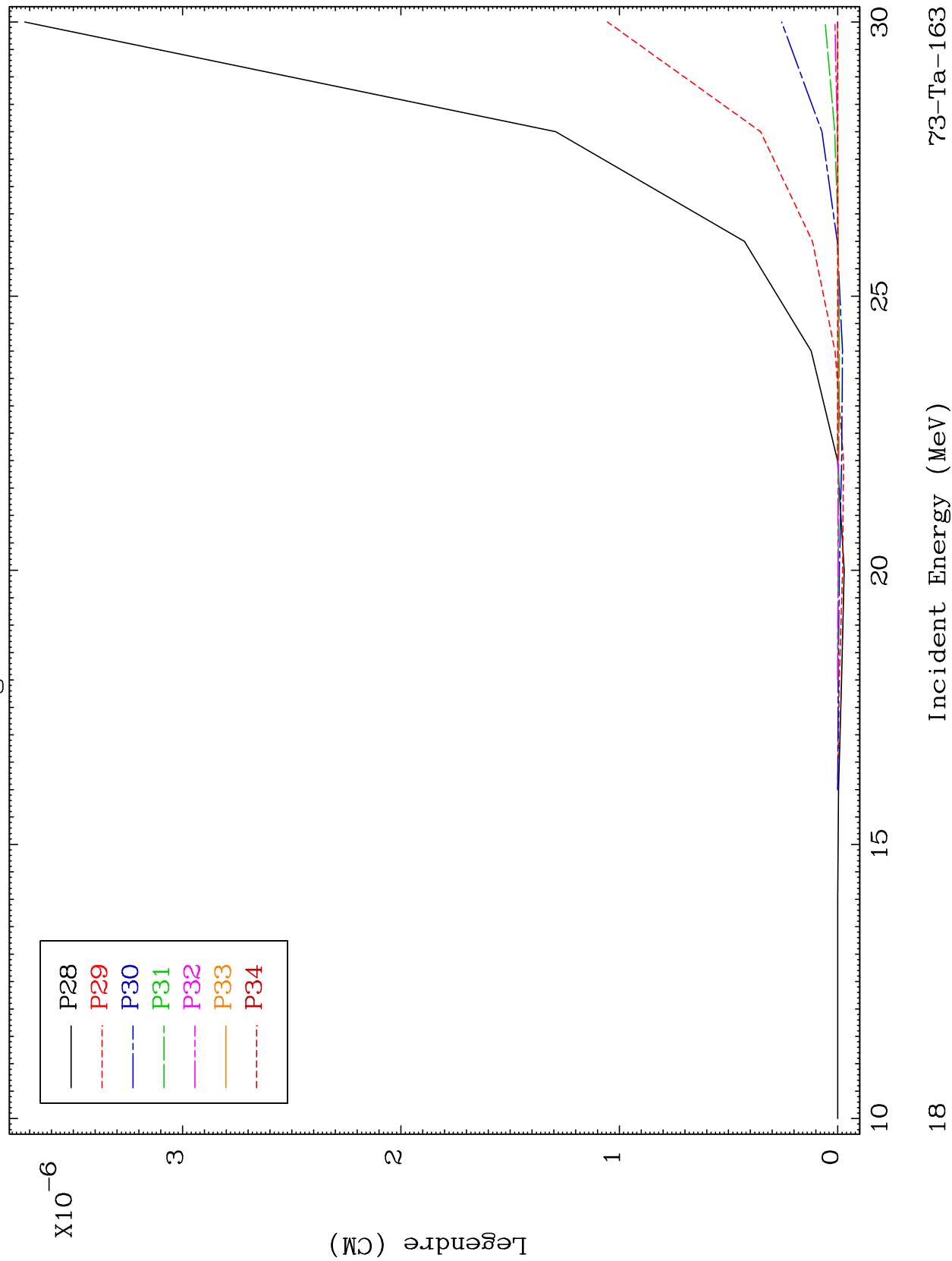


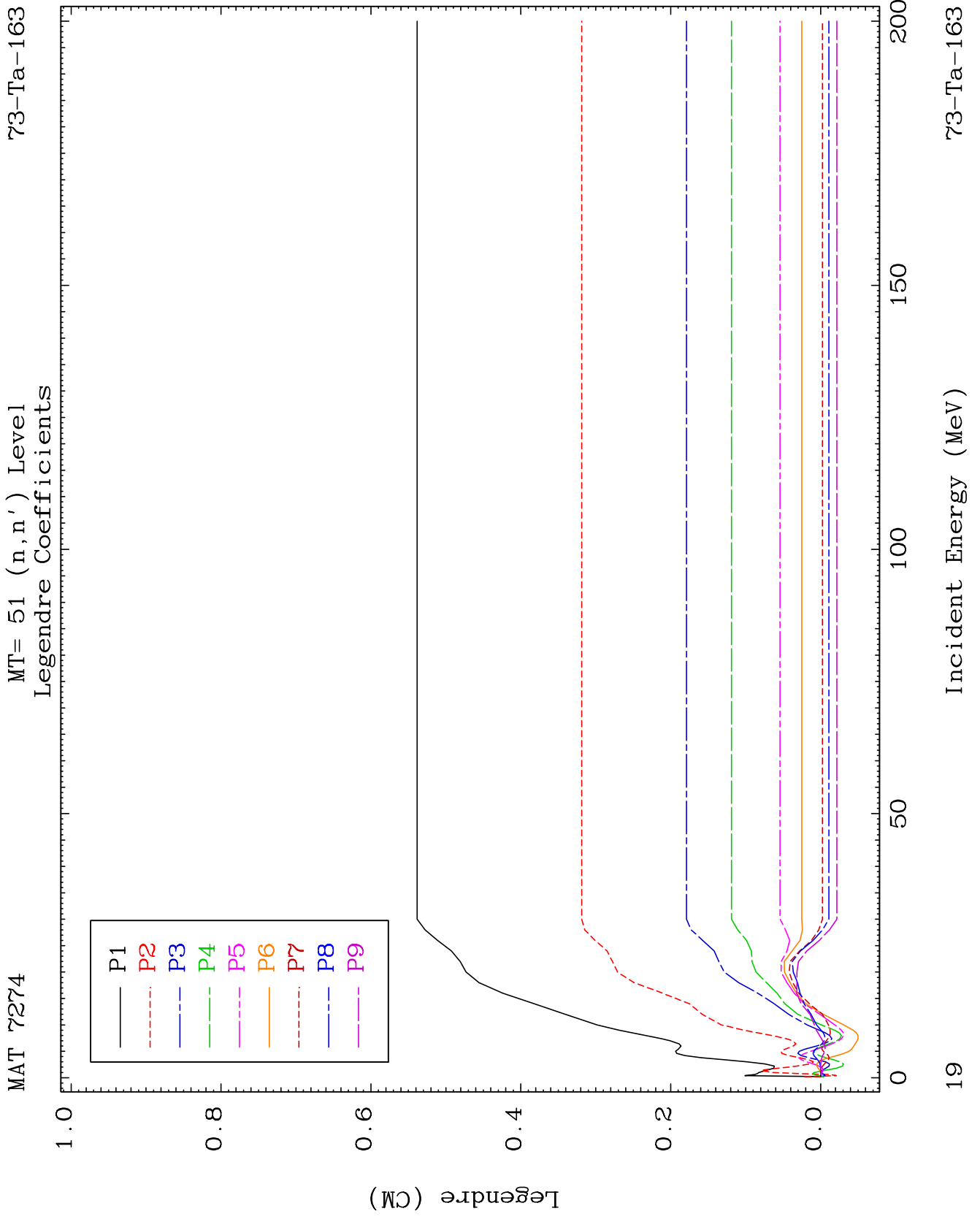


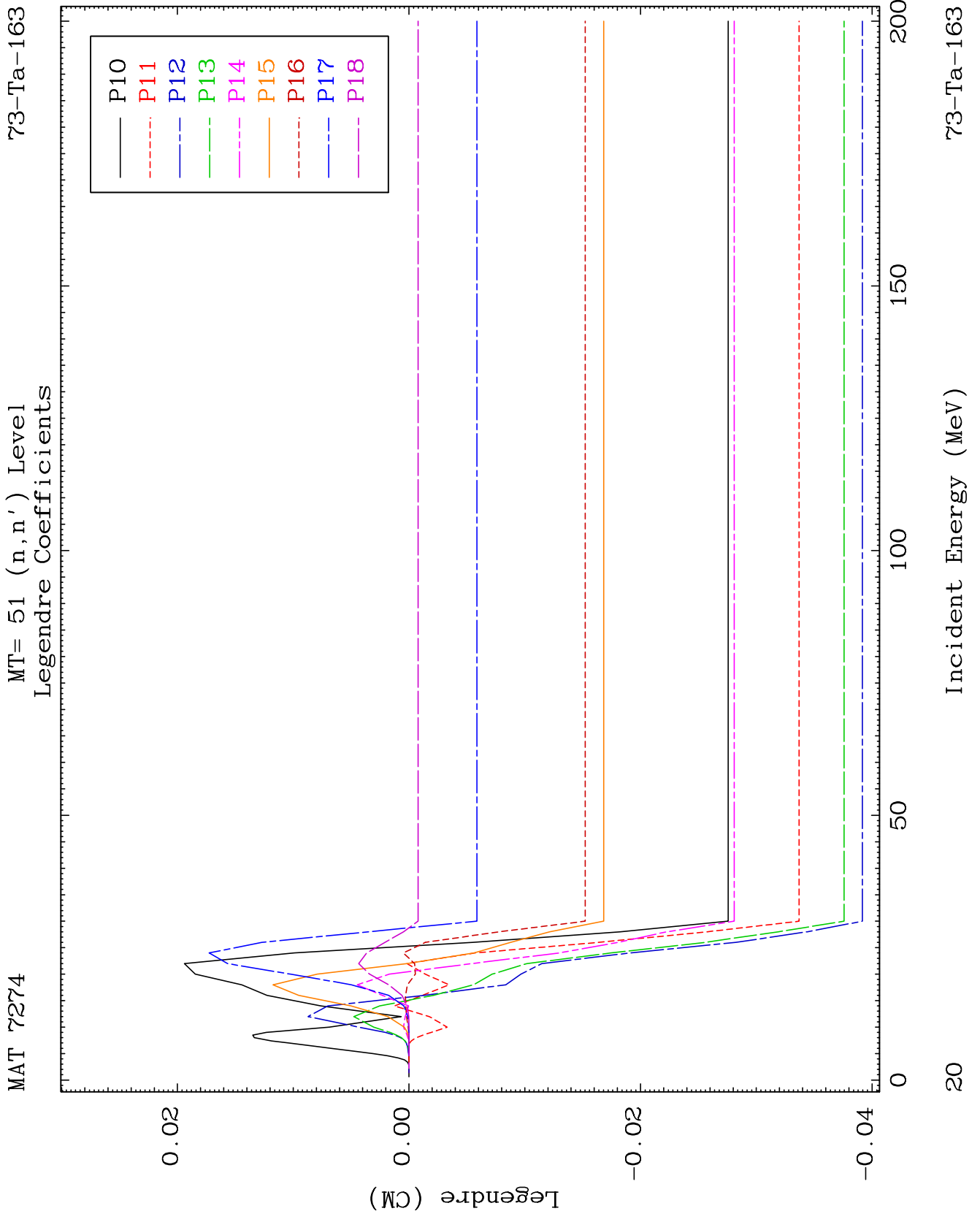
MAT 7274

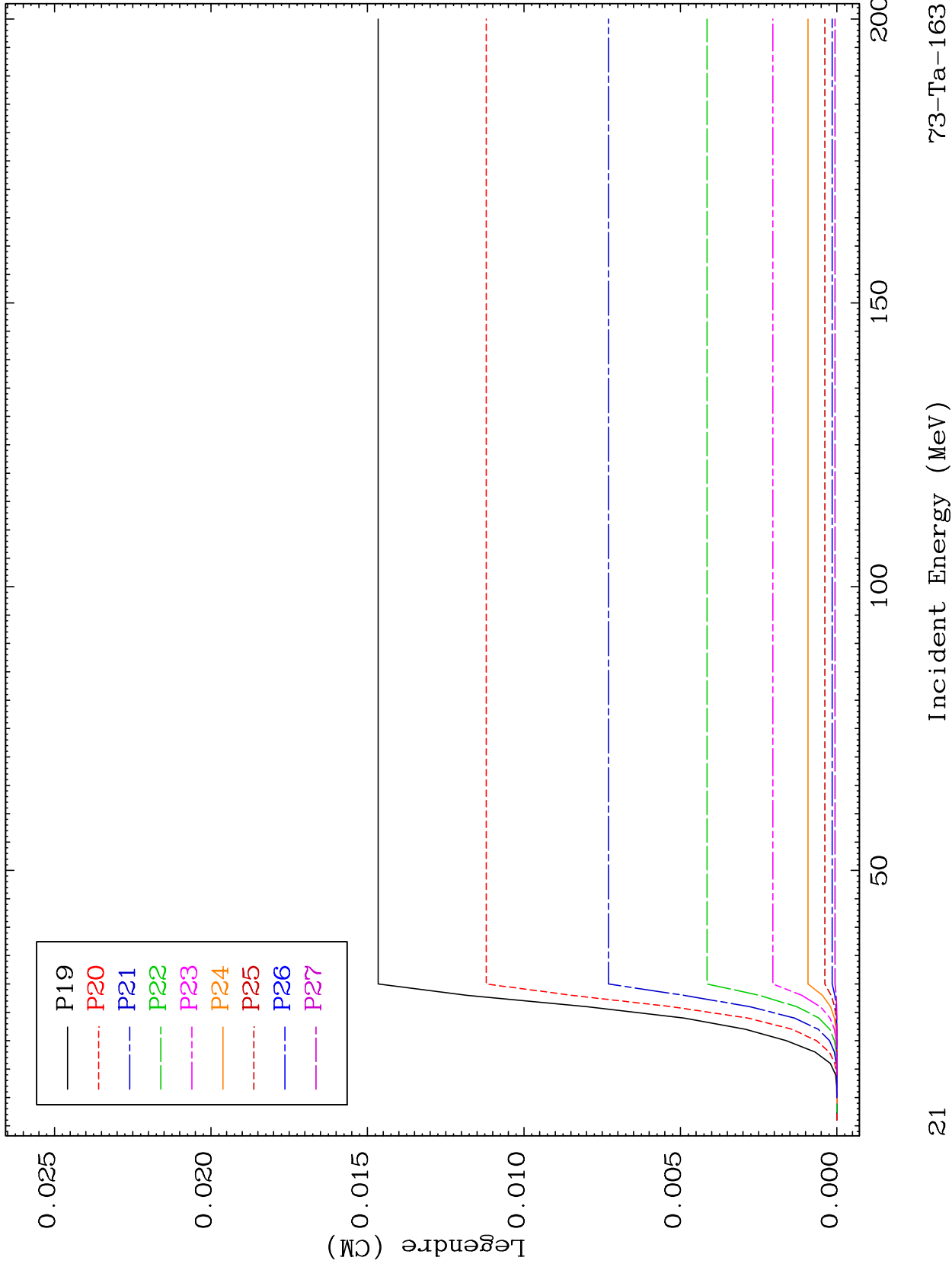
Elastic Legendre Coefficients

⁷³Ta-163





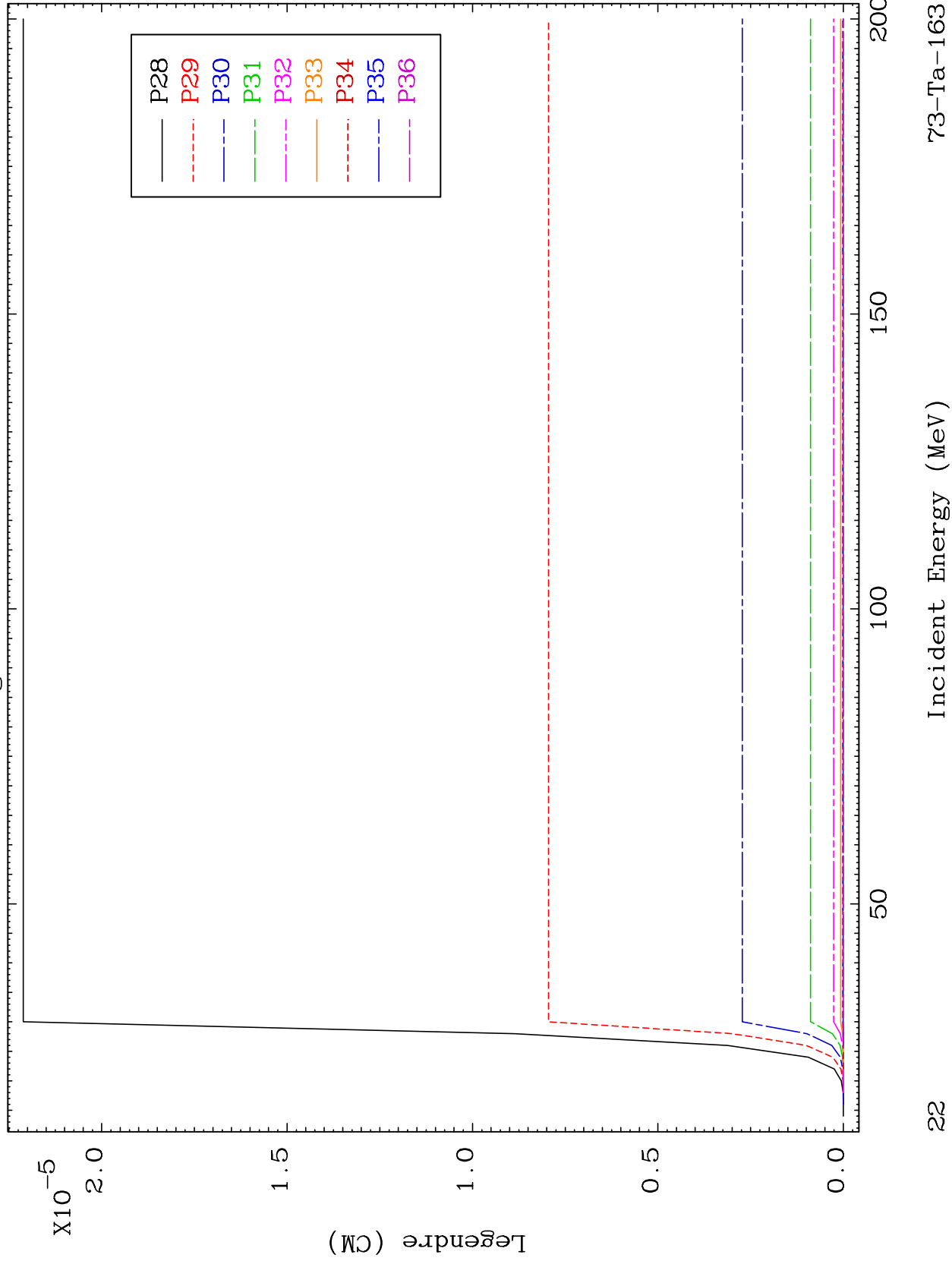




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MT= 51 (n,n') Level
Legendre Coefficients

73-Ta-163



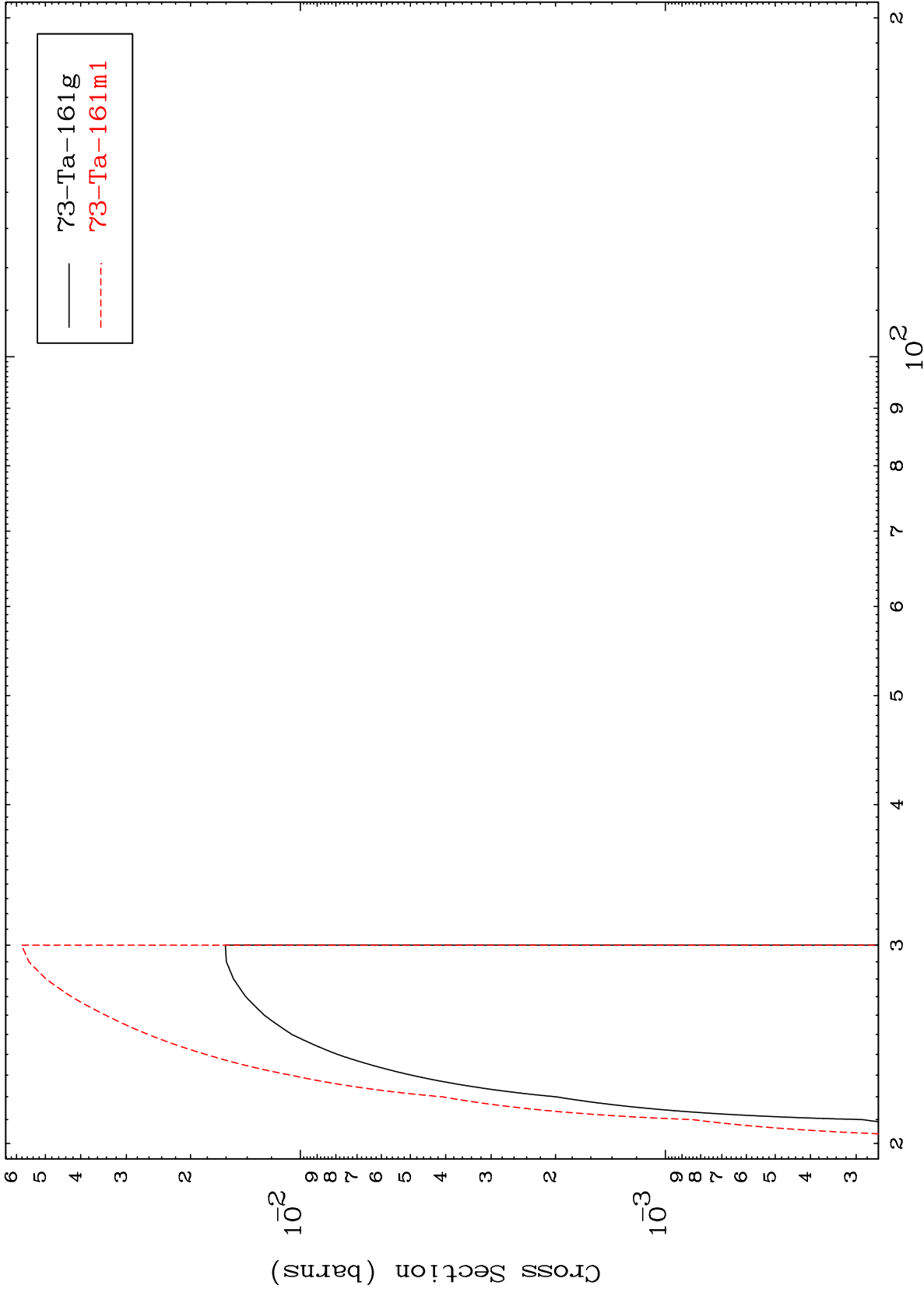
22

MAT 7274

(n,3n)

⁷³Ta-163

Radionuclide Production Cross Section



23

Incident Energy (MeV)

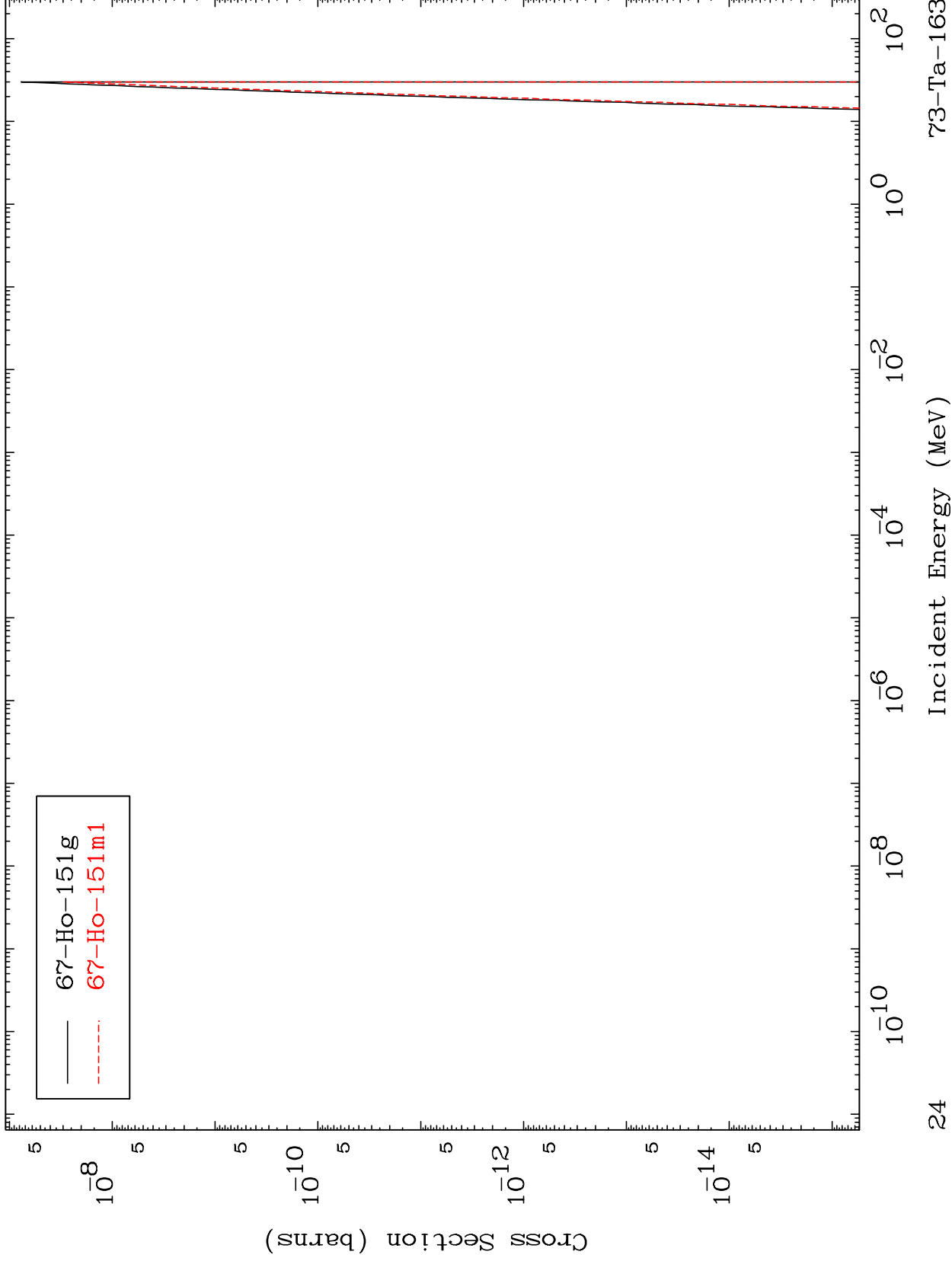
⁷³Ta-163

MAT 7274

(n,n') 3 α

73-Ta-163

Radionuclide Production Cross Section

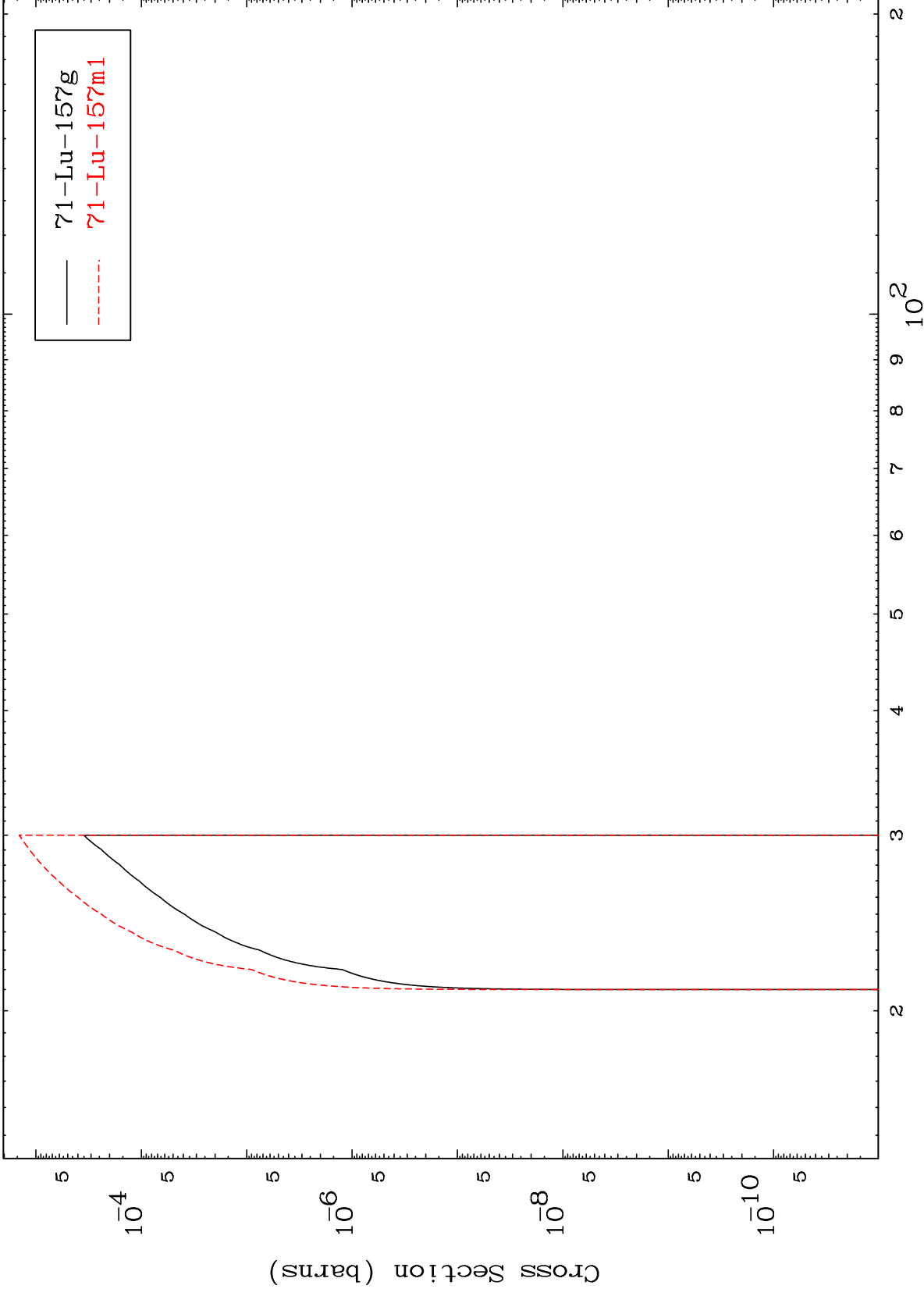


MAT 7274

(n,3n) α

73-Ta-163

Radionuclide Production Cross Section



25

Incident Energy (MeV)

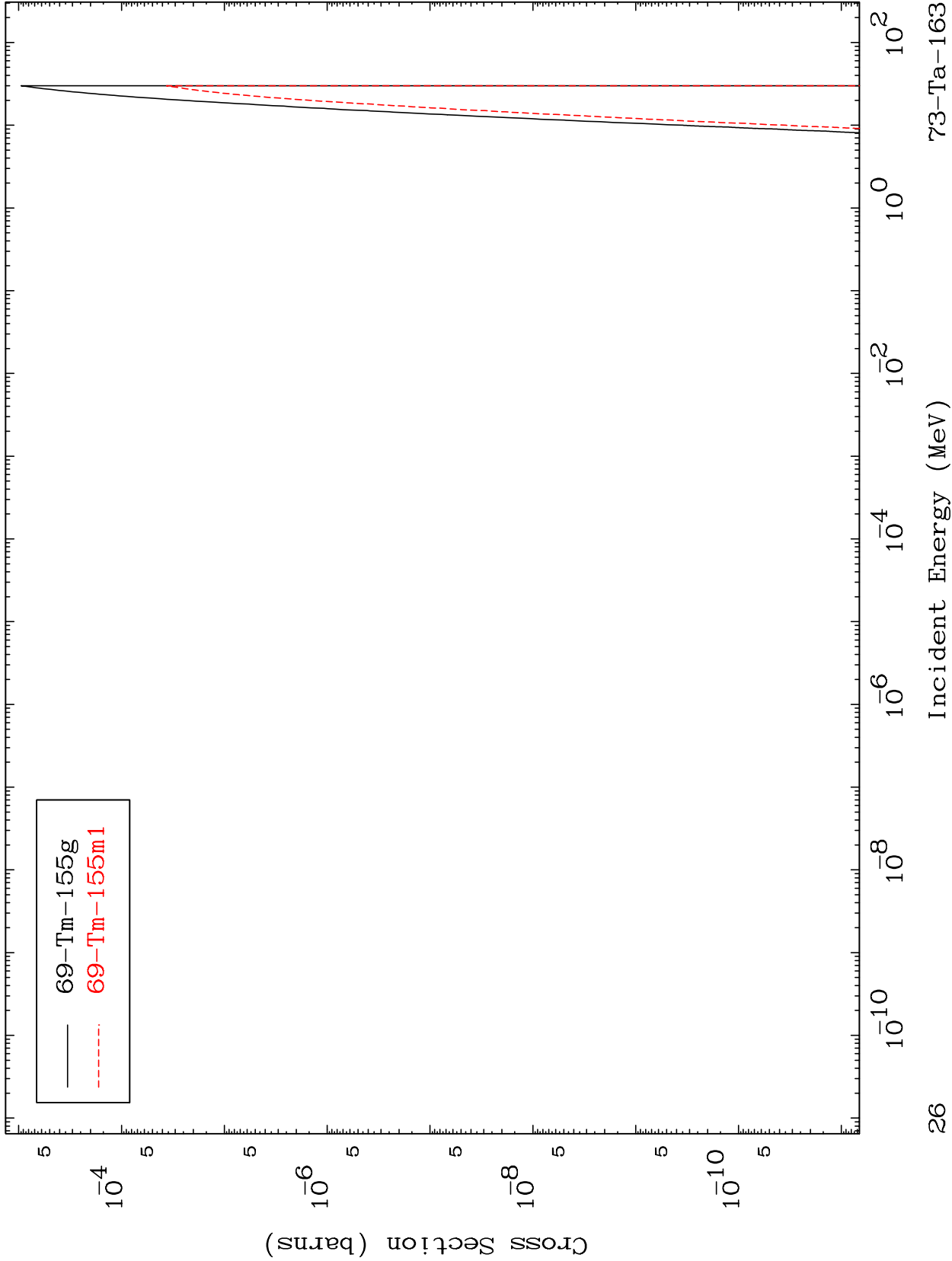
73-Ta-163

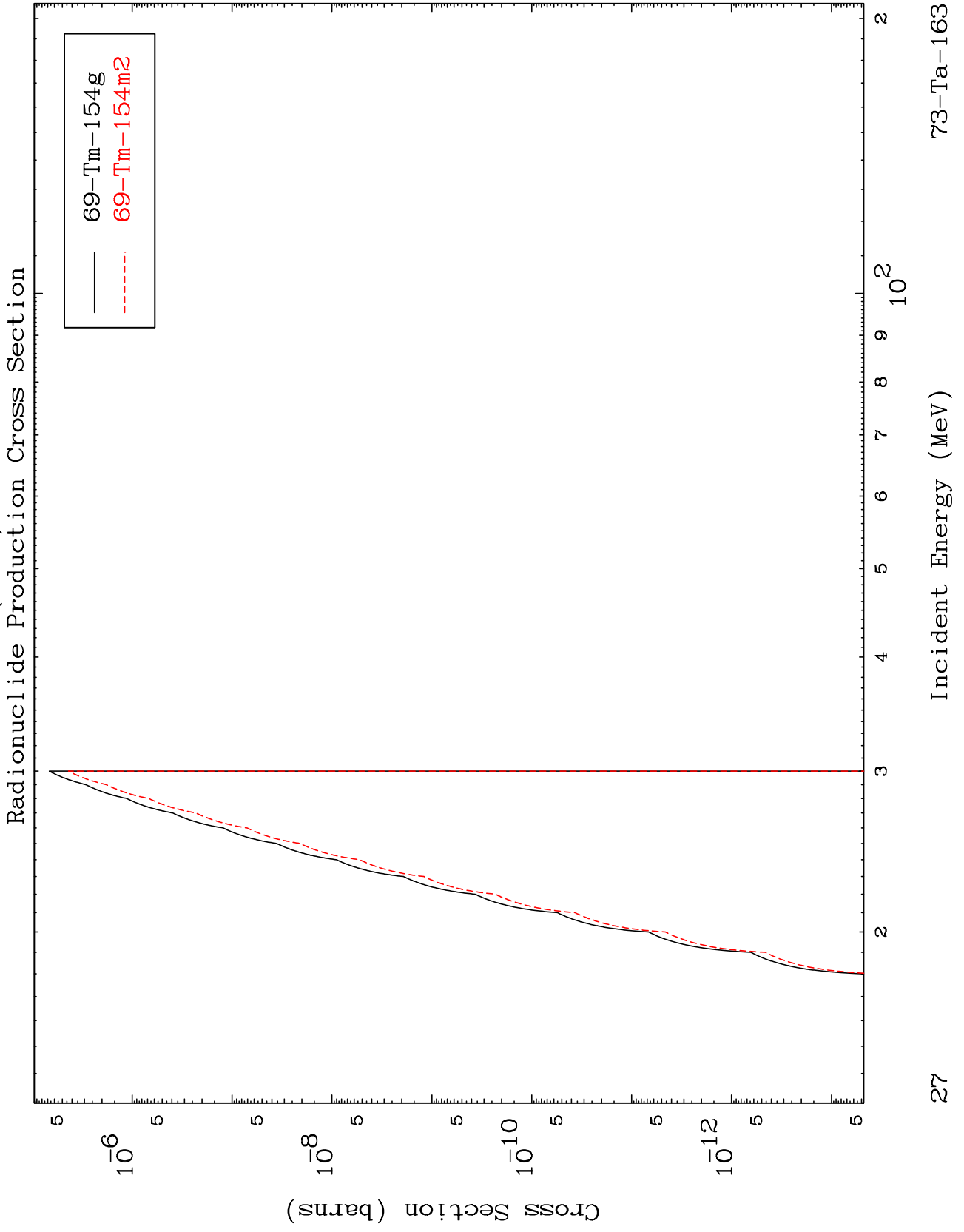
MAT 7274

(n,n') 2α

73-Ta-163

Radionuclide Production Cross Section



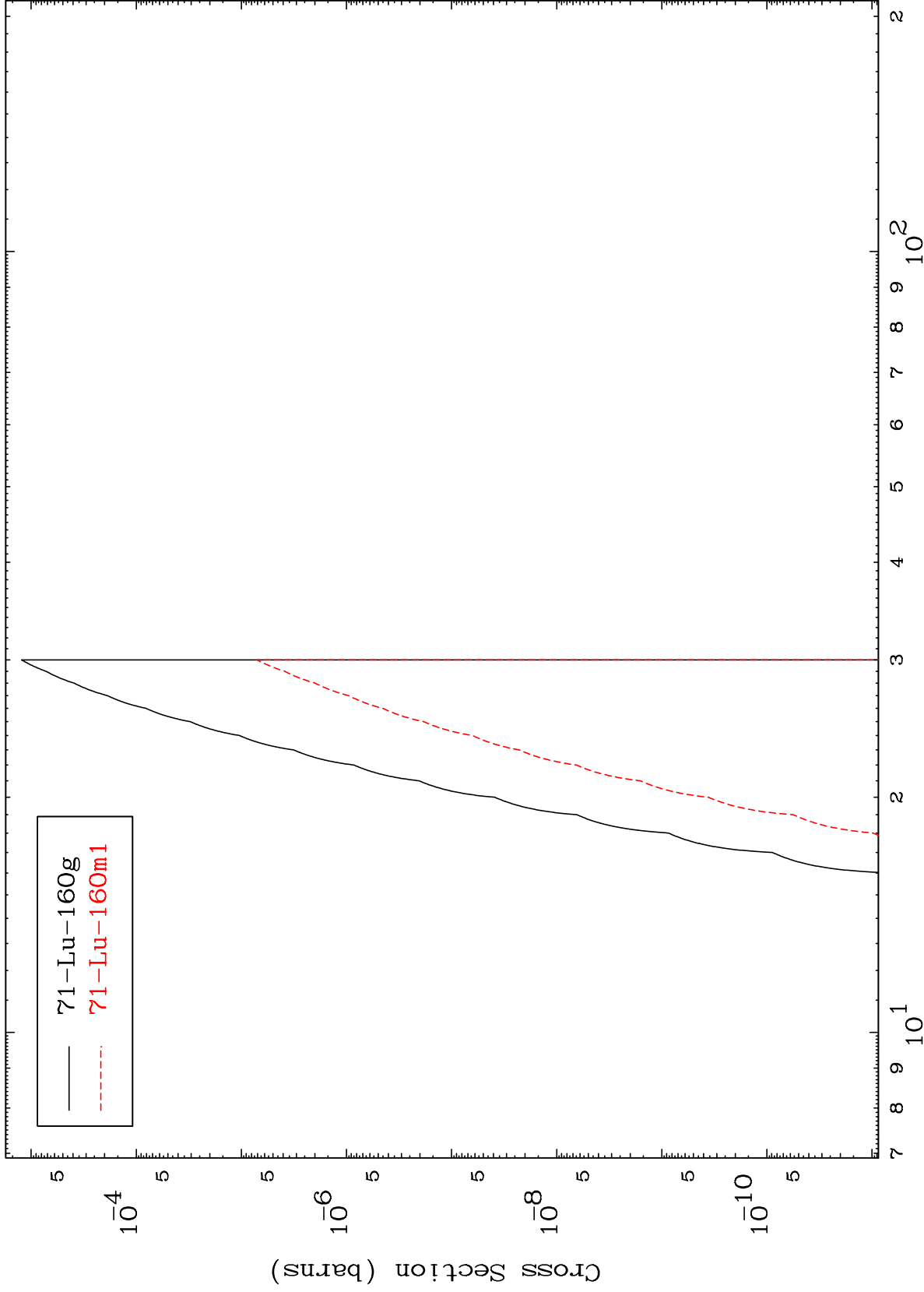


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(n,n') He-3

73-Ta-163

Radionuclide Production Cross Section



28

Incident Energy (MeV)

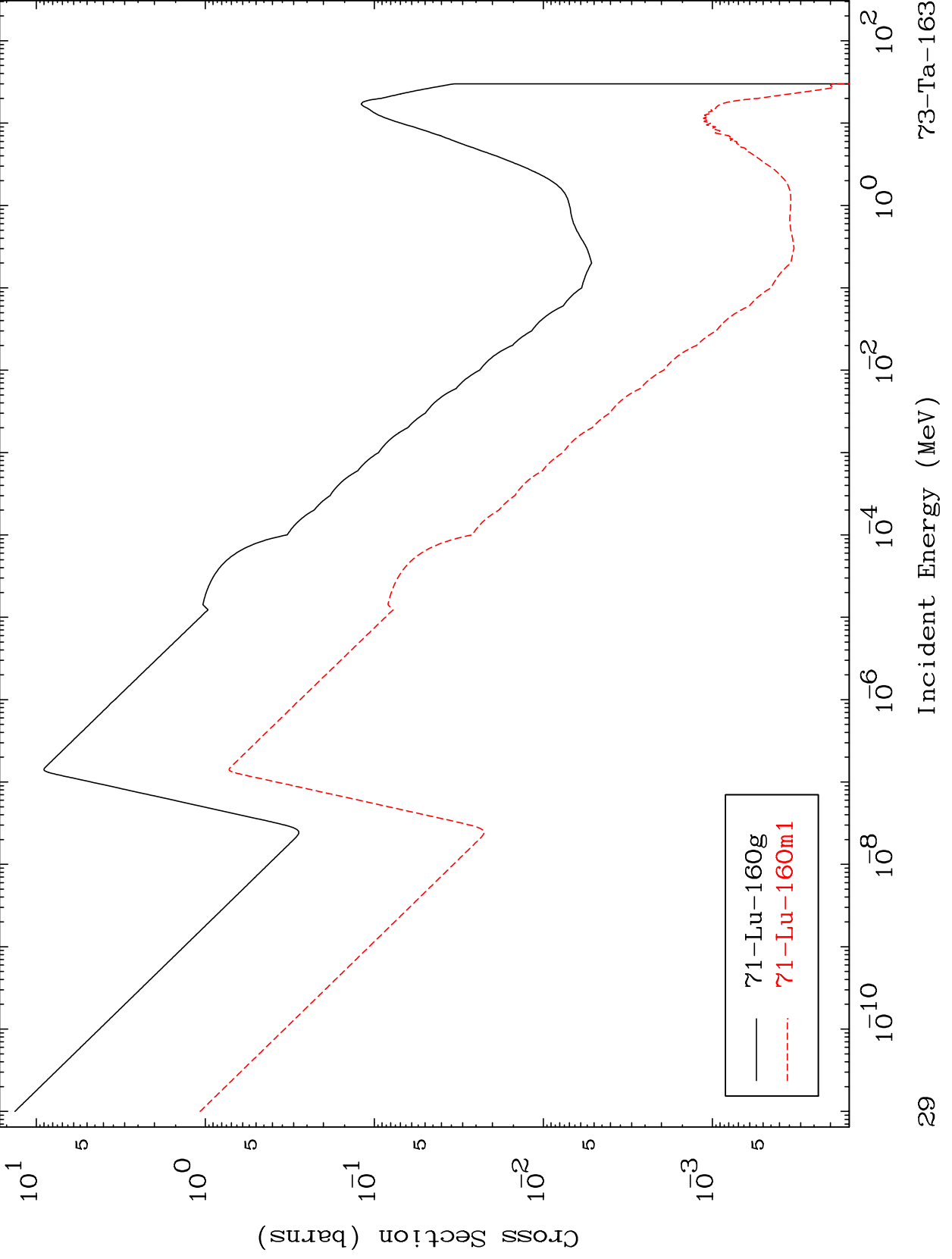
73-Ta-163

MAT 7274

73-Ta-163

Radionuclide Production Cross Section

(n, α)

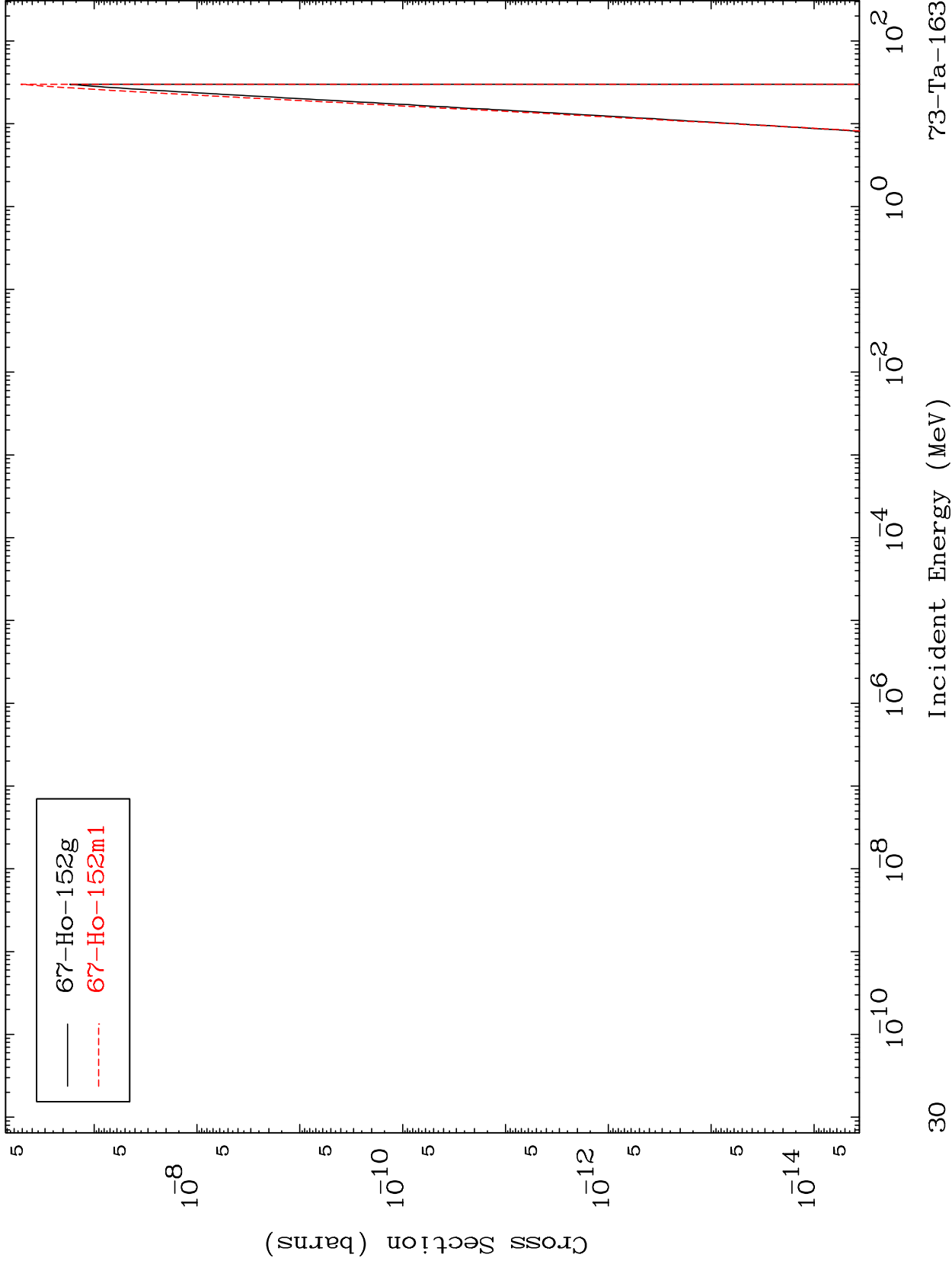


MAT 7274

(n, 3 α)

⁷³Ta-163

Radionuclide Production Cross Section

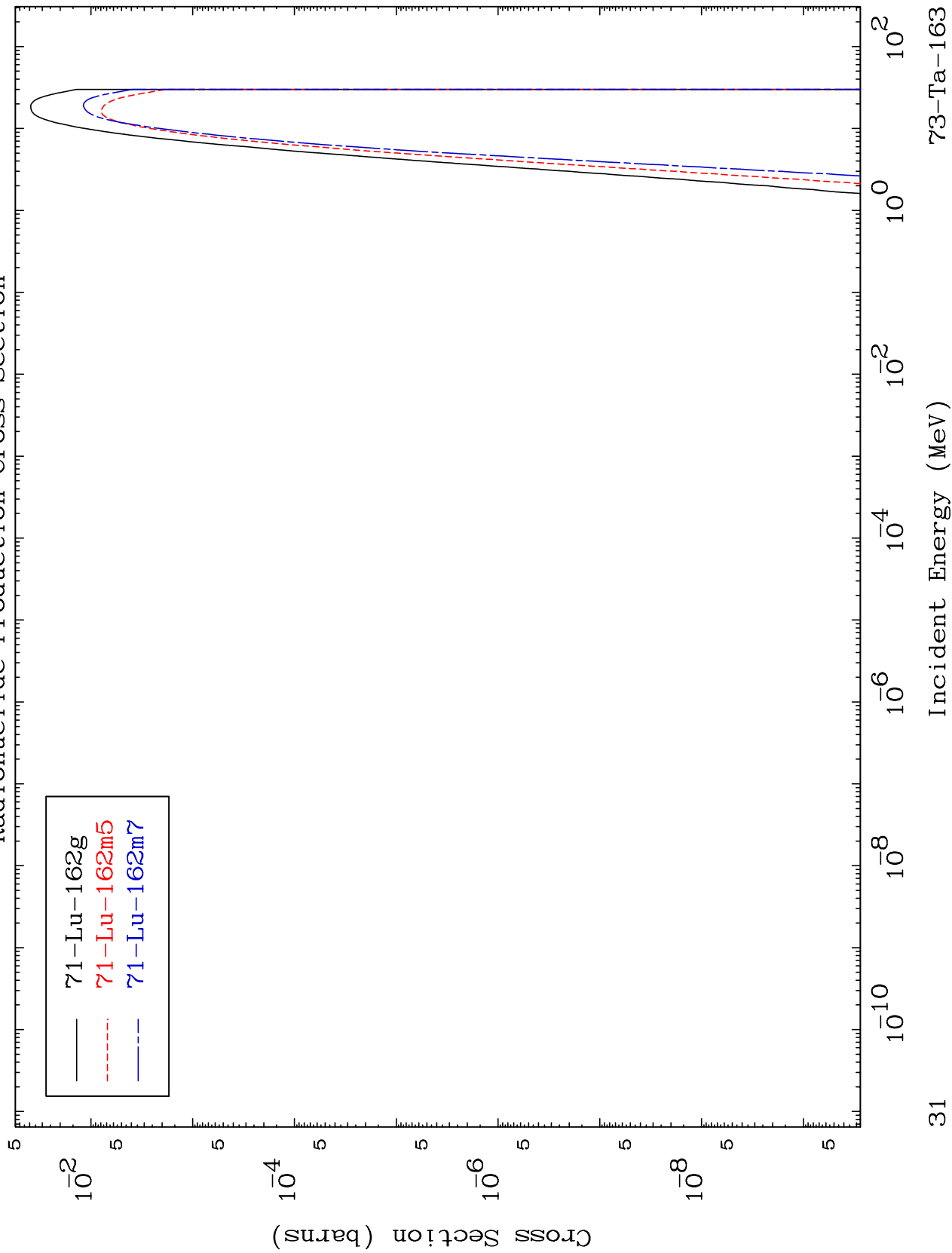


— ⁶⁷Ho-152g
- - - ⁶⁷Ho-152m1

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73-Ta-163

(n,2p)
Radionuclide Production Cross Section

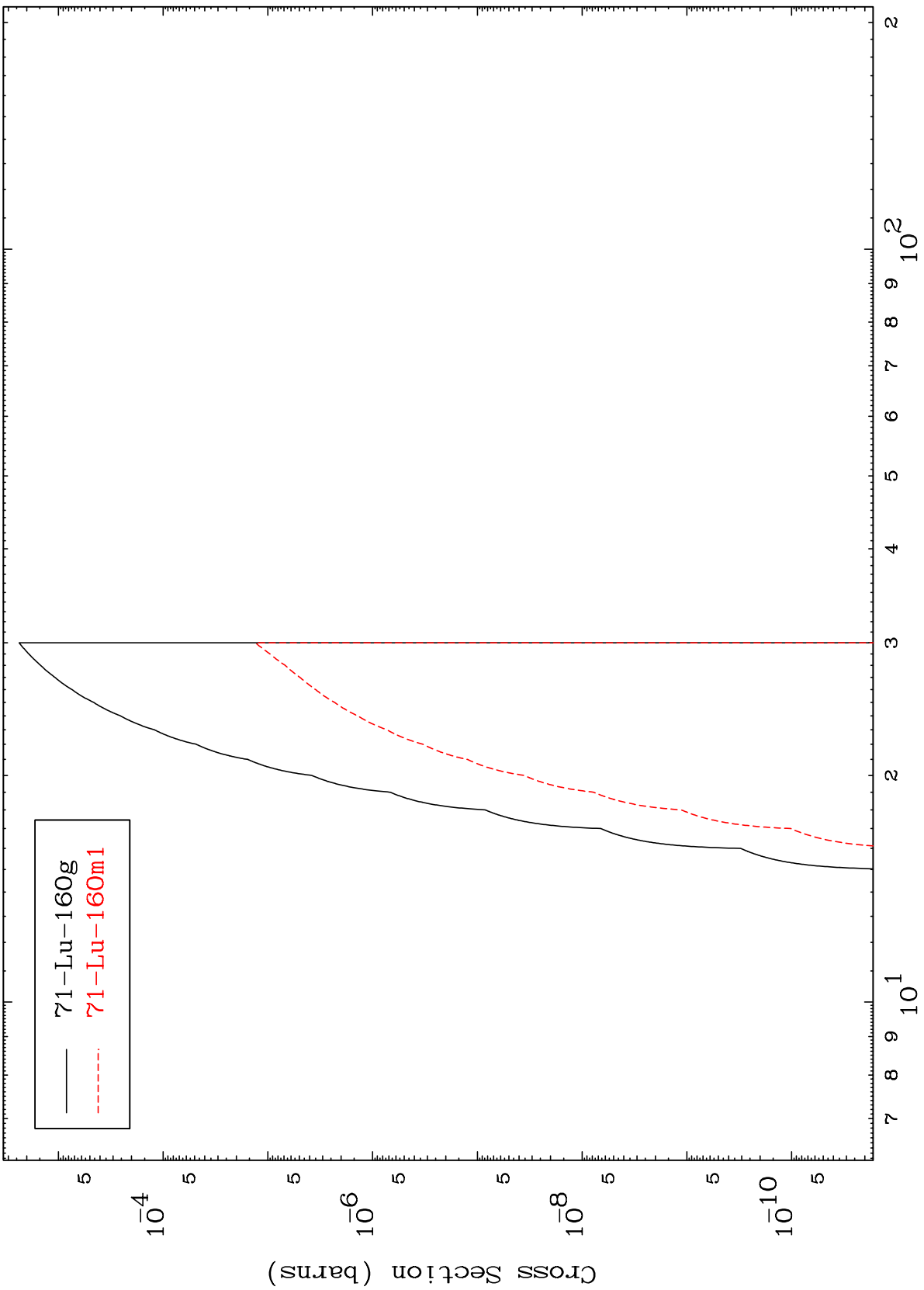


MAT 7274

(n,p) t

73-Ta-163

Radionuclide Production Cross Section



32

Incident Energy (MeV)

73-Ta-163