

Program EVALPLOT
(Version 2021-1)

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

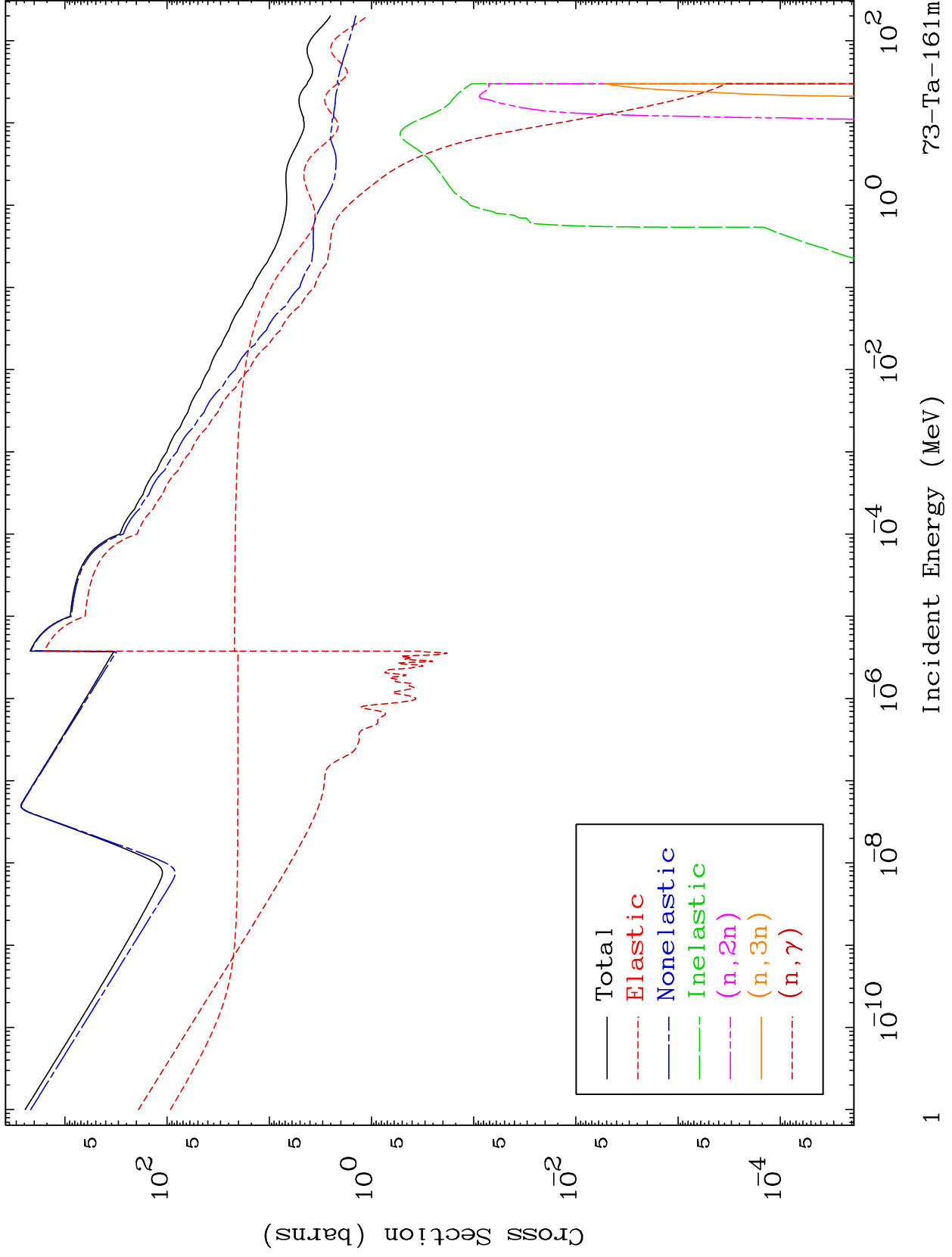
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7269

Neutron Major
293 Kelvin Cross Sections

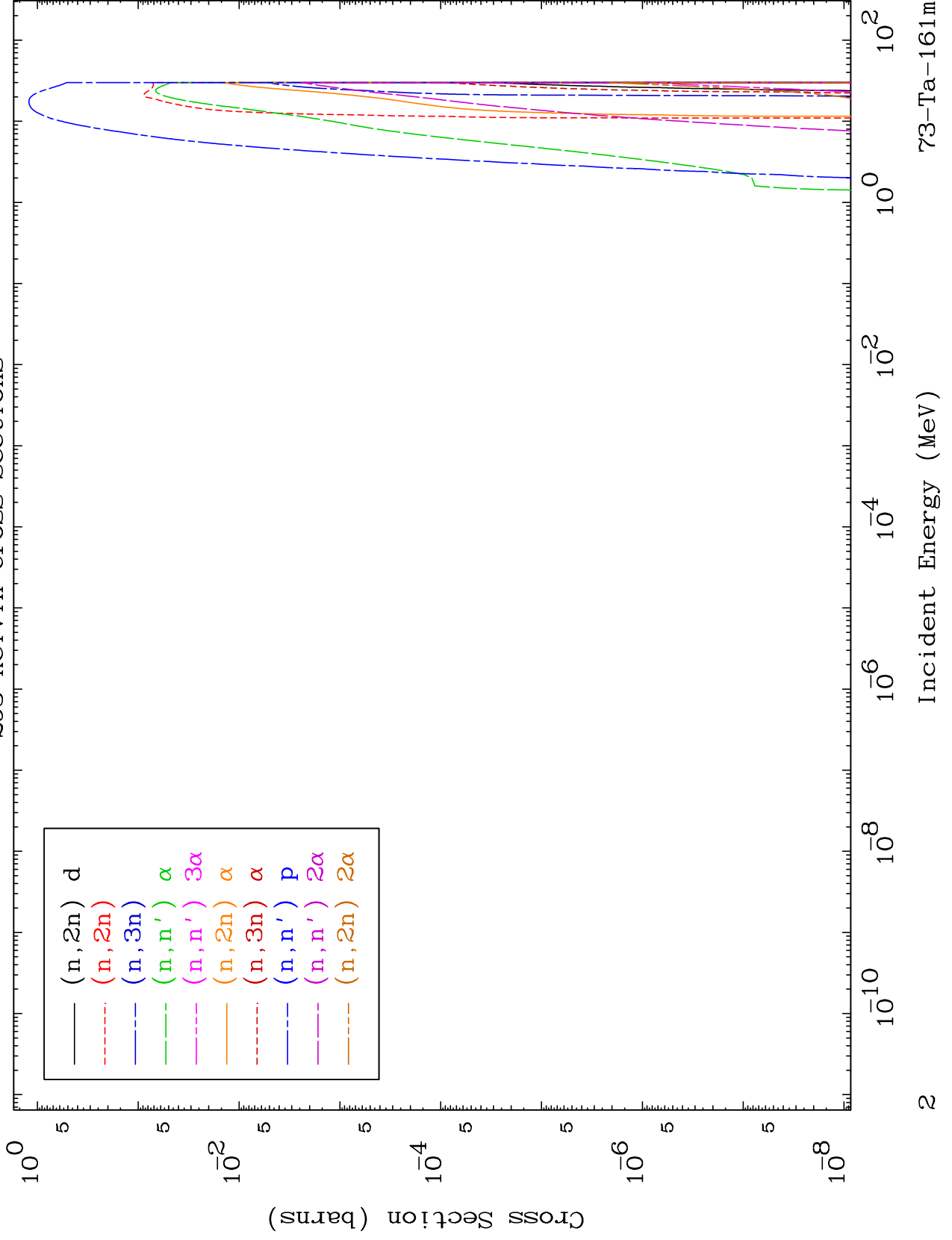
⁷³Ta-161m



MAT 7269

Neutron Absorption
293 Kelvin Cross Sections

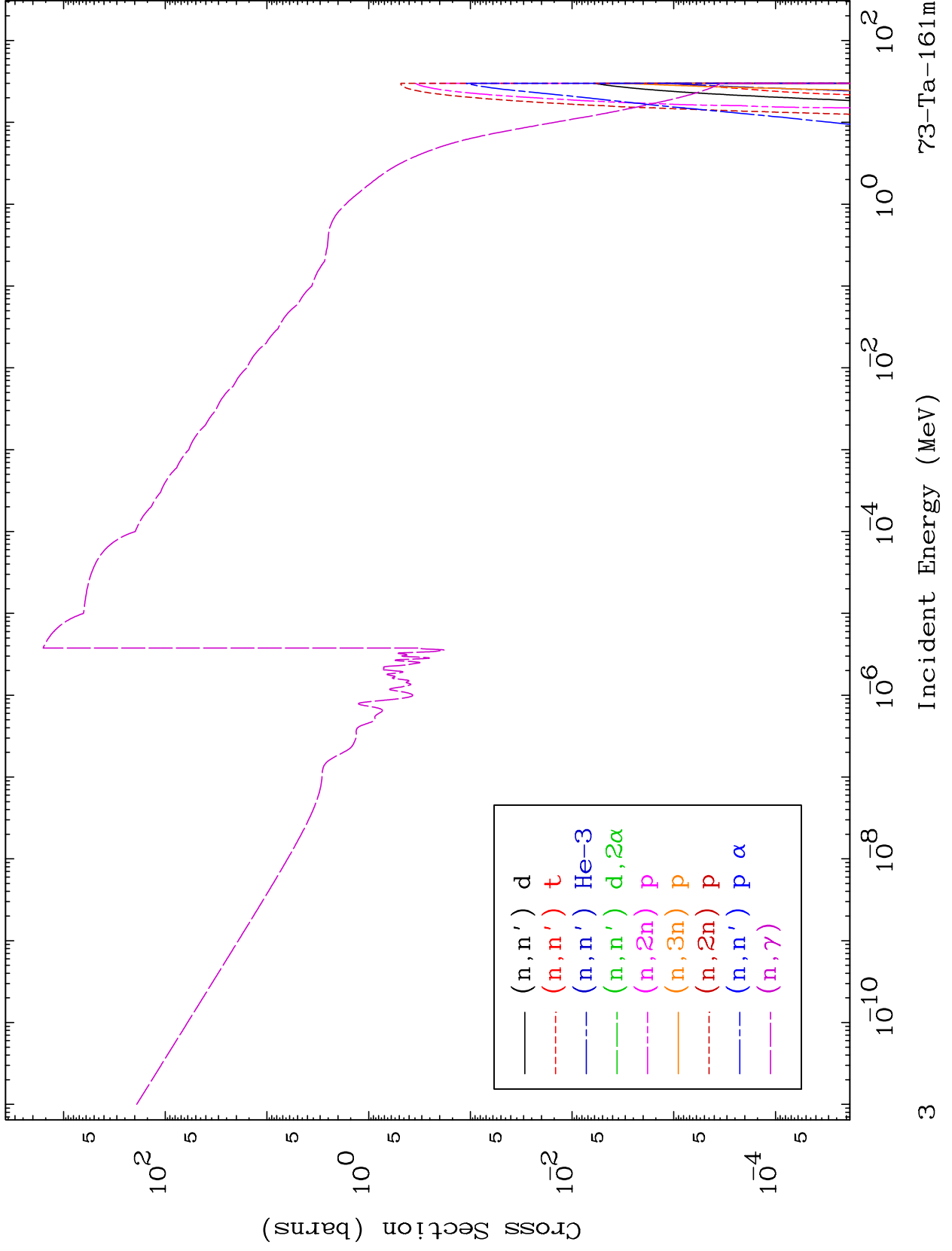
⁷³Ta-161m



MAT 7269

Neutron Absorption
293 Kelvin Cross Sections

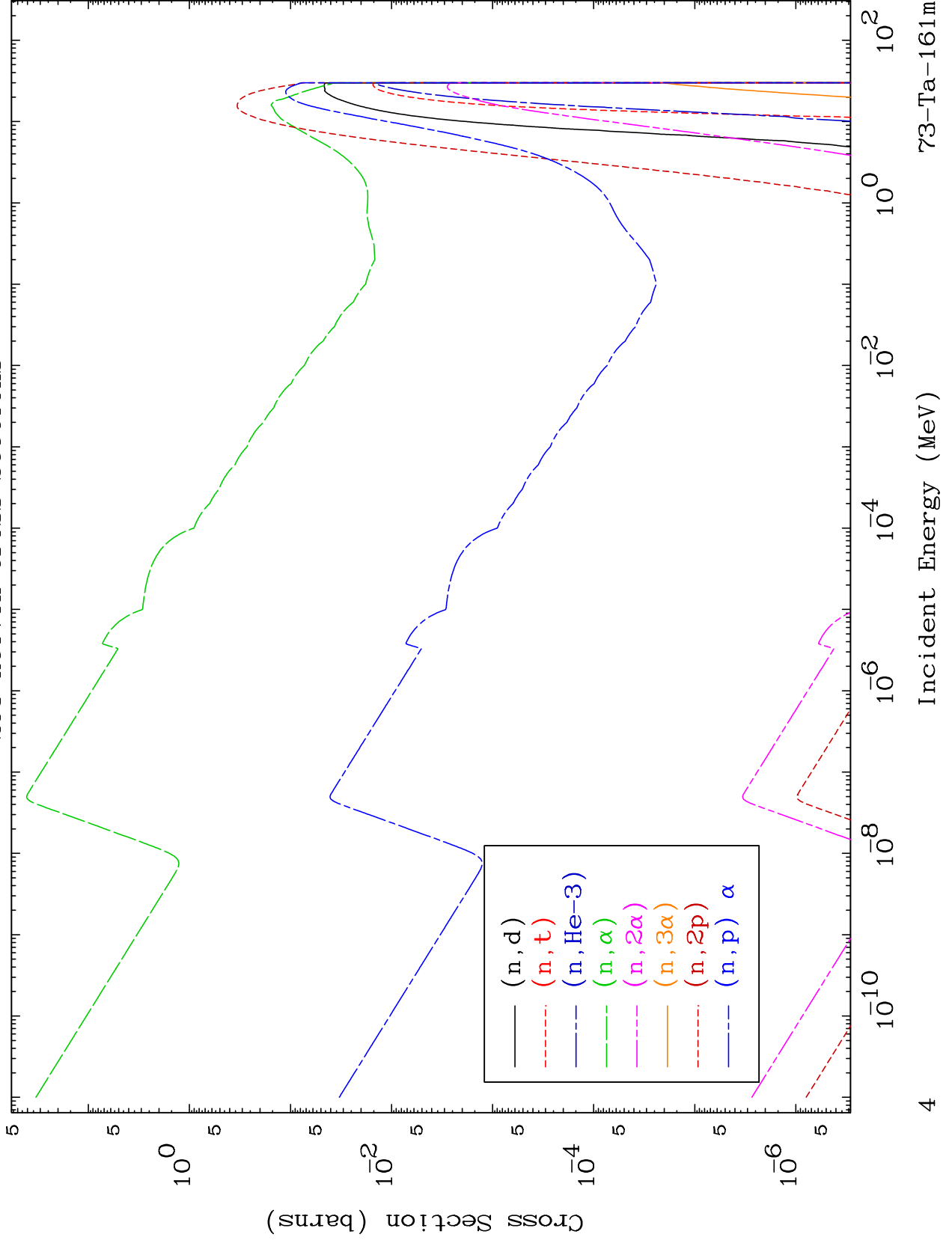
⁷³Ta-161m



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Neutron Absorption
293 Kelvin Cross Sections

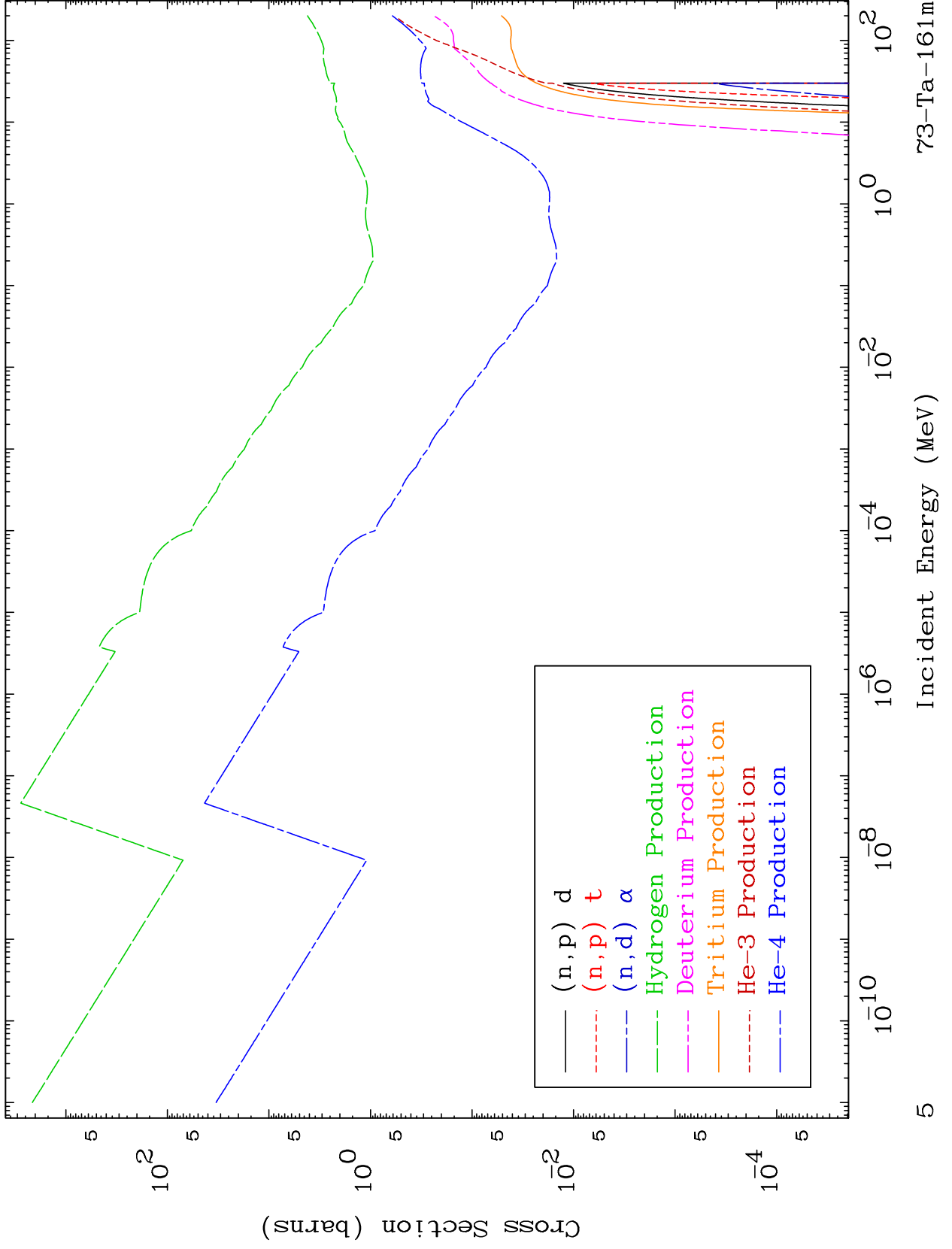
⁷³Ta-161m



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Neutron Absorption
293 Kelvin Cross Sections

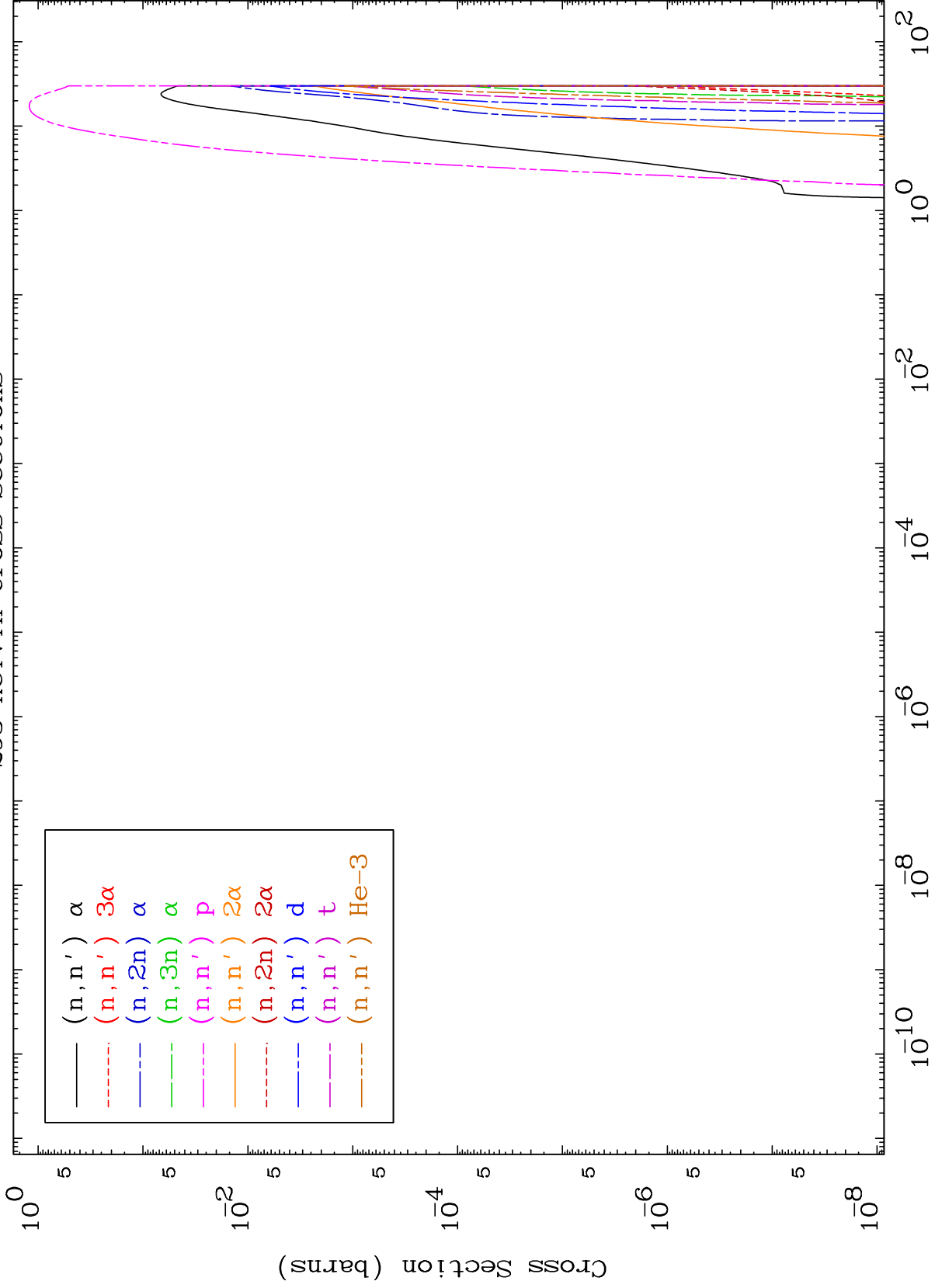
⁷³Ta-161m



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Charged Particle
293 Kelvin Cross Sections

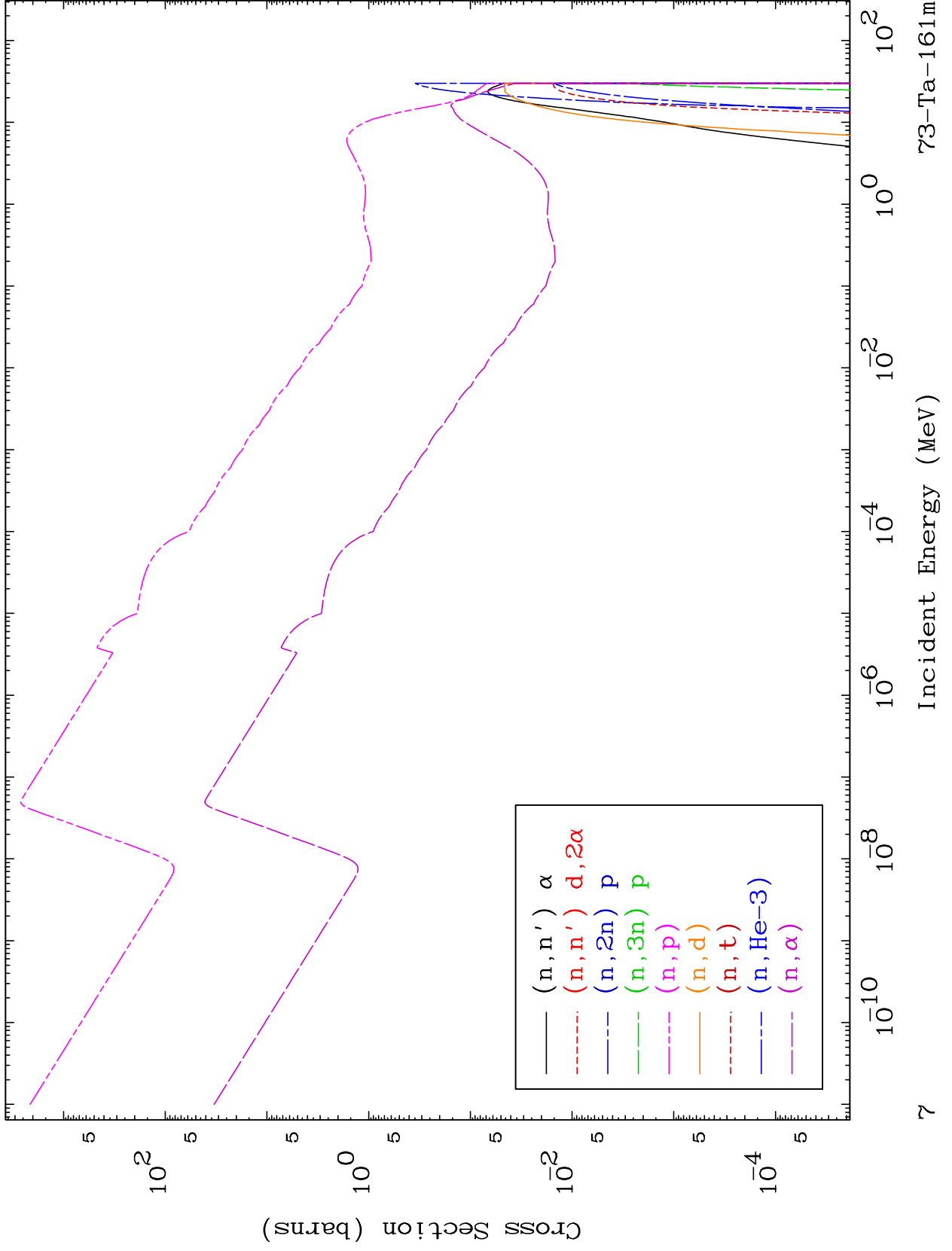
⁷³Ta-161m



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Charged Particle
293 Kelvin Cross Sections

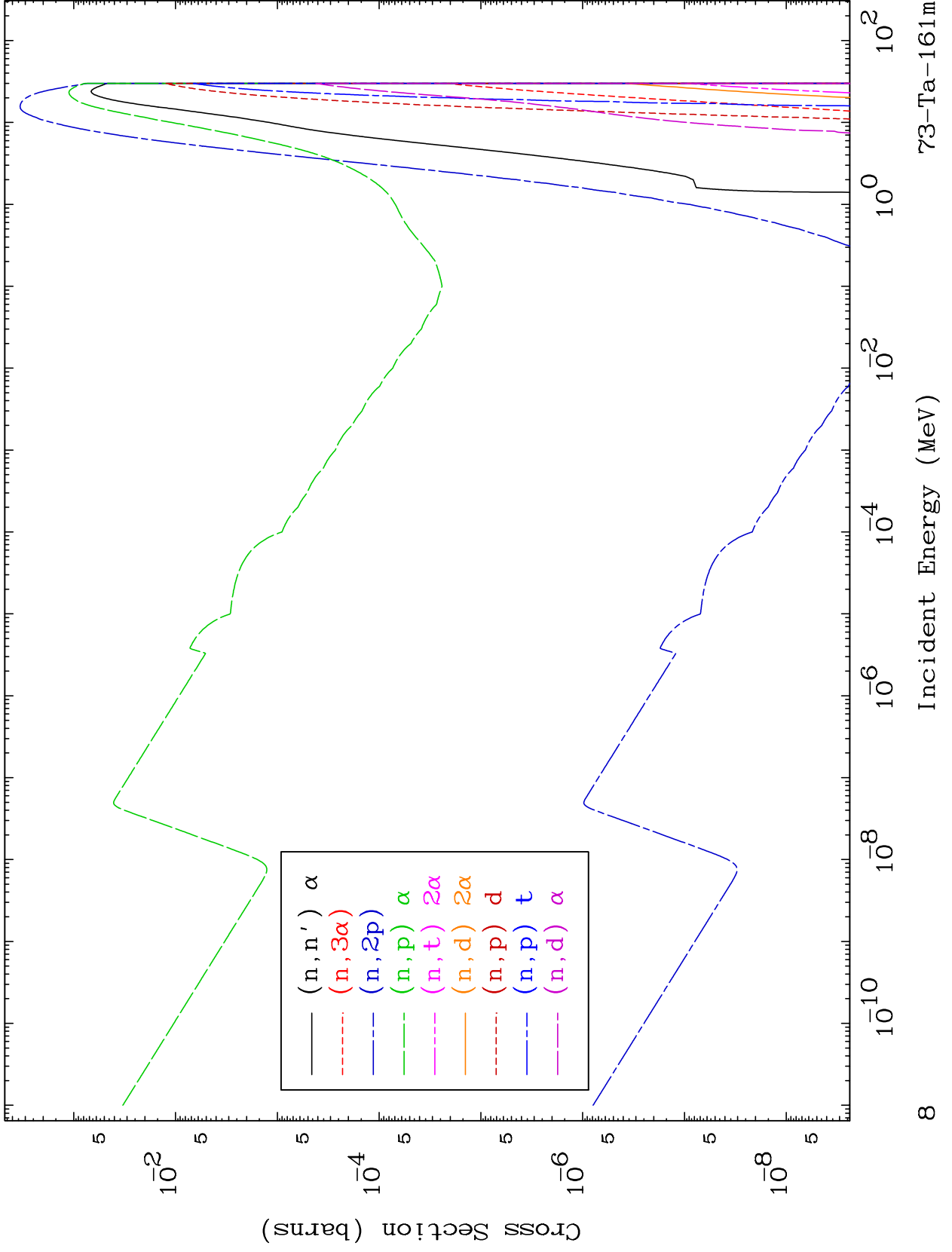
⁷³Ta-161m



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Charged Particle
293 Kelvin Cross Sections

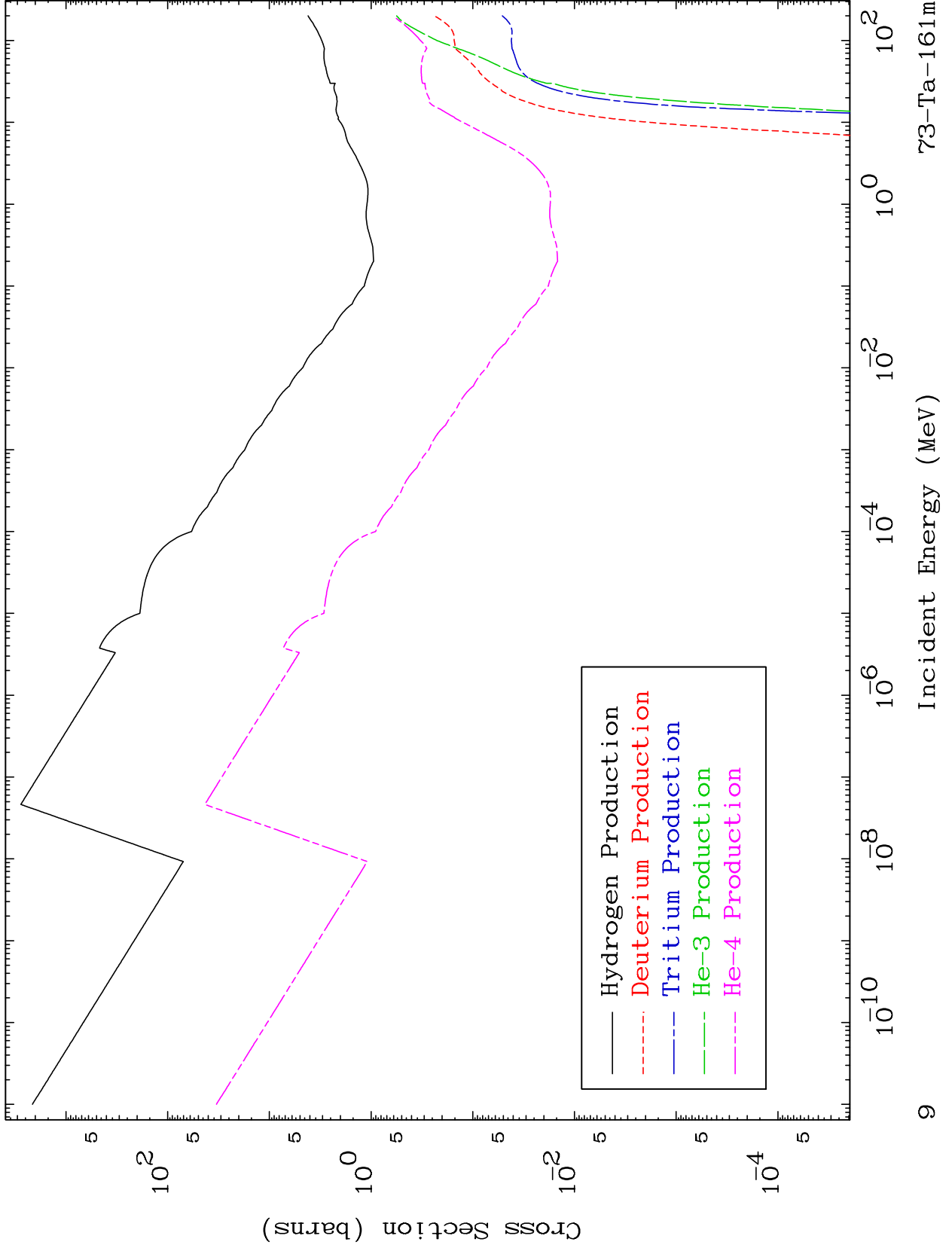
⁷³Ta-161m



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Particle Production
293 Kelvin Cross Sections

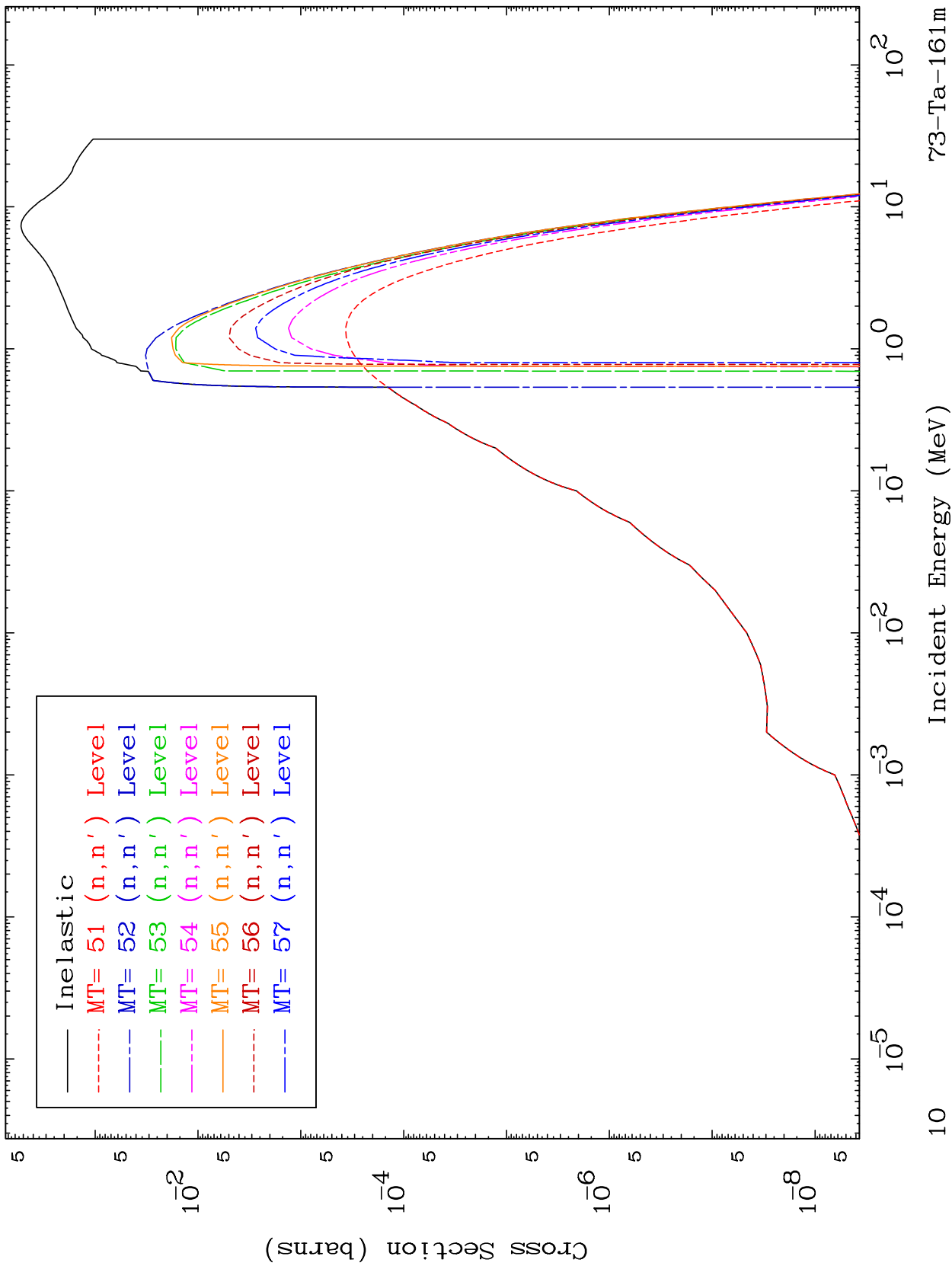
⁷³Ta-161m



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(n,n') Levels
293 Kelvin Cross Sections

⁷³Ta-161m



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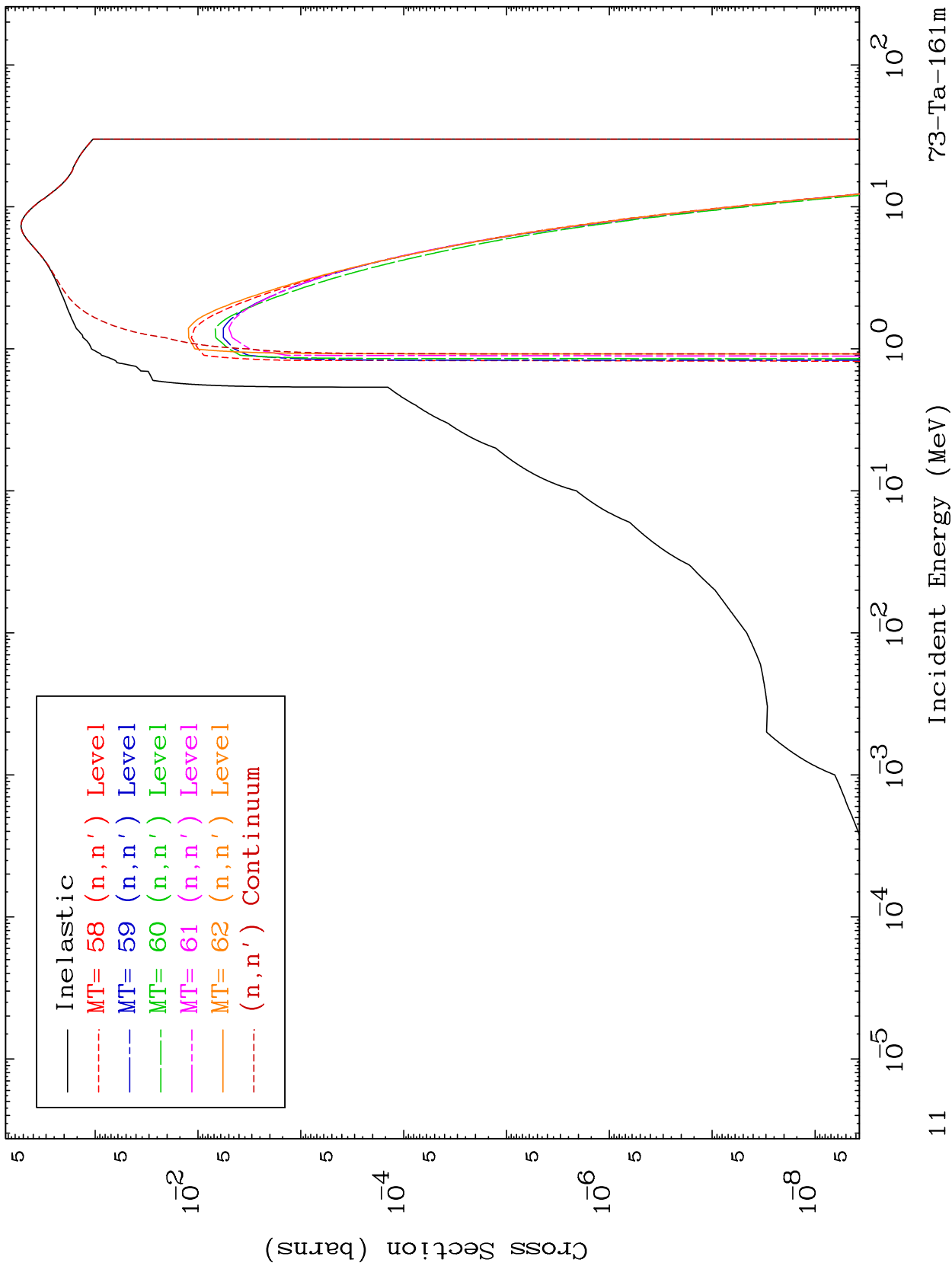
Incident Energy (MeV)

⁷³Ta-161m

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(n,n') Levels
293 Kelvin Cross Sections

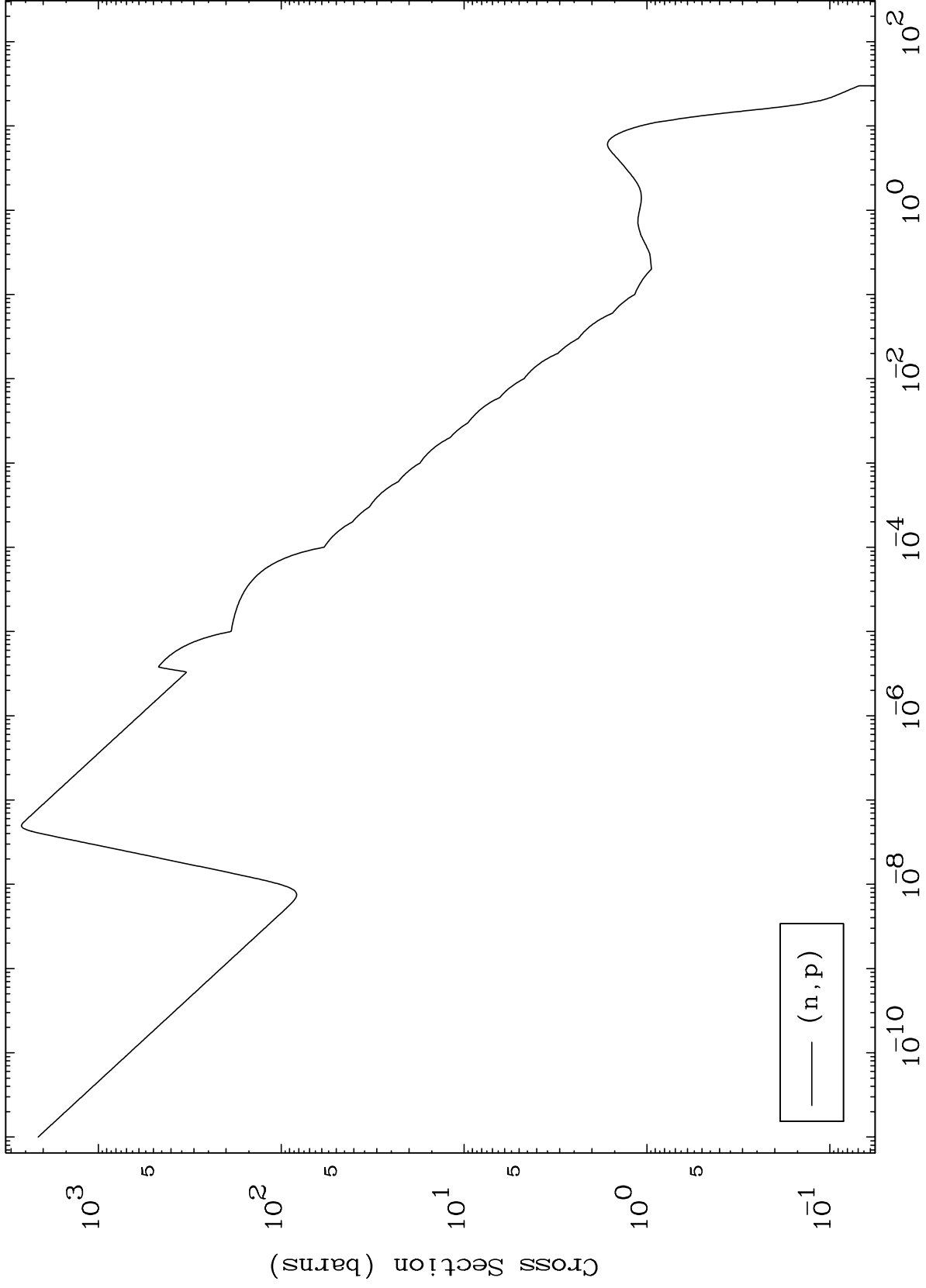
⁷³Ta-161m



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(n,p) Levels
293 Kelvin Cross Sections

⁷³Ta-161m



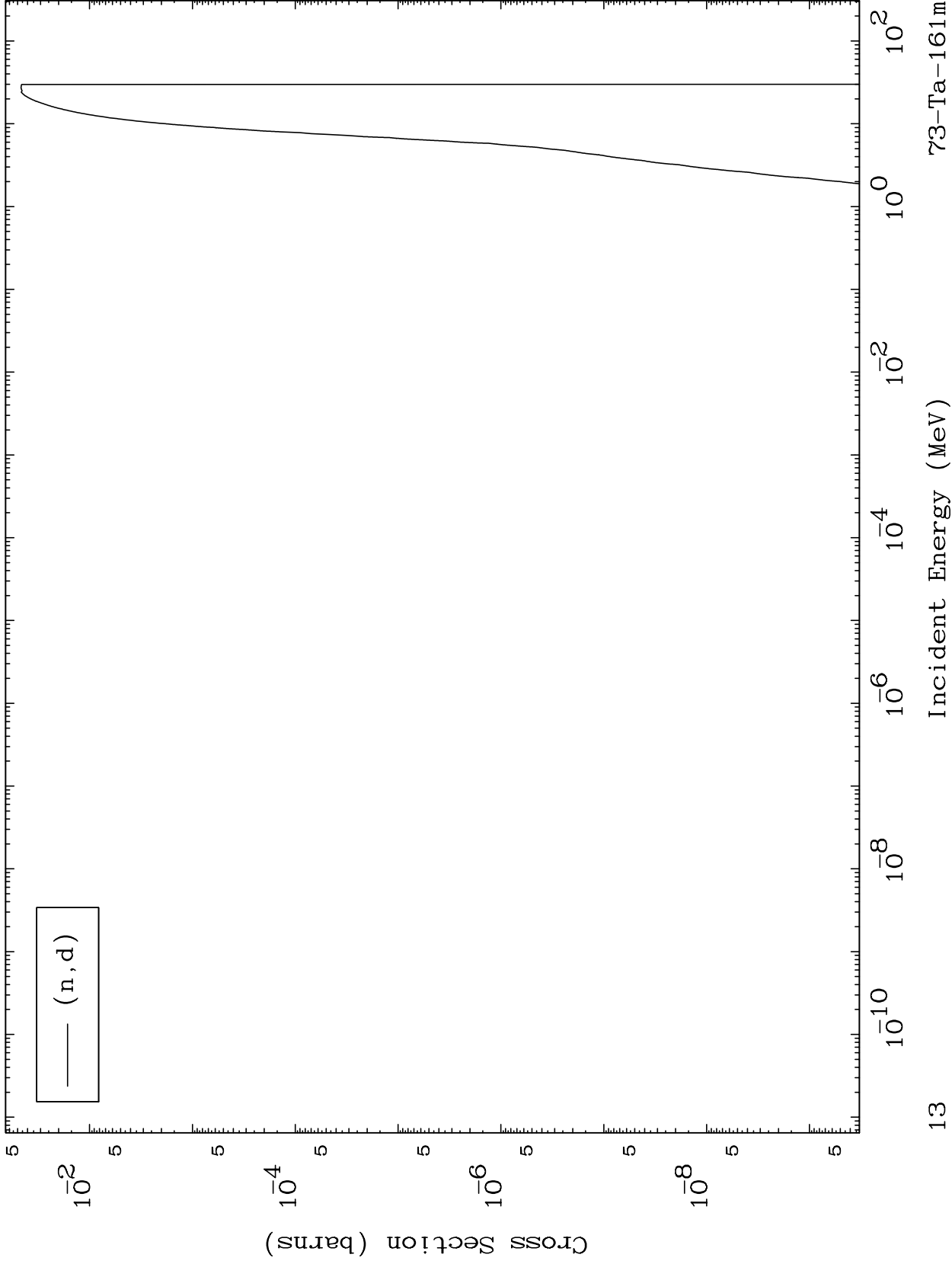
12

⁷³Ta-161m

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(n,d) Levels
293 Kelvin Cross Sections

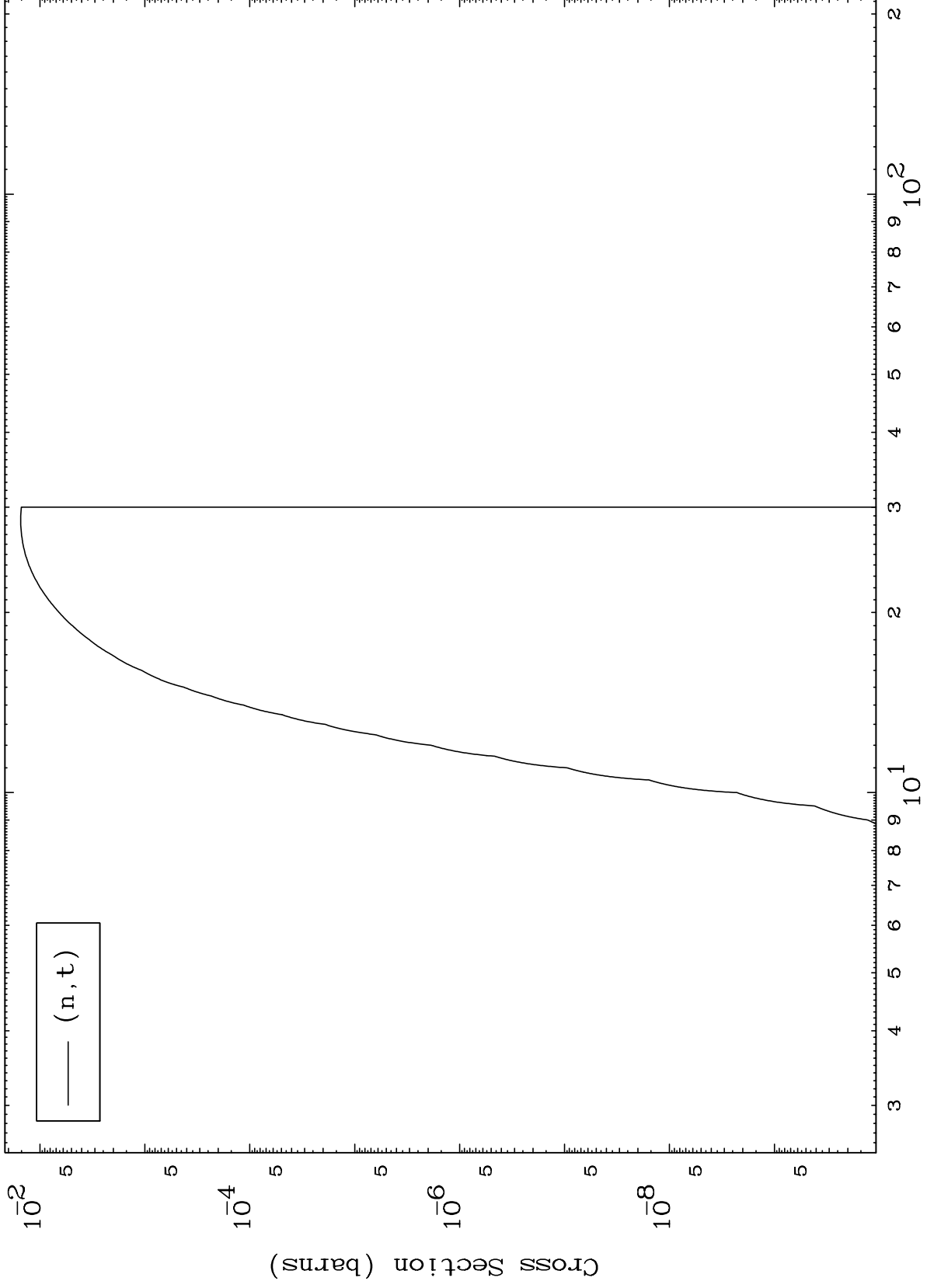
⁷³Ta-161m



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(n,t) Levels
293 Kelvin Cross Sections

⁷³Ta-161m



14

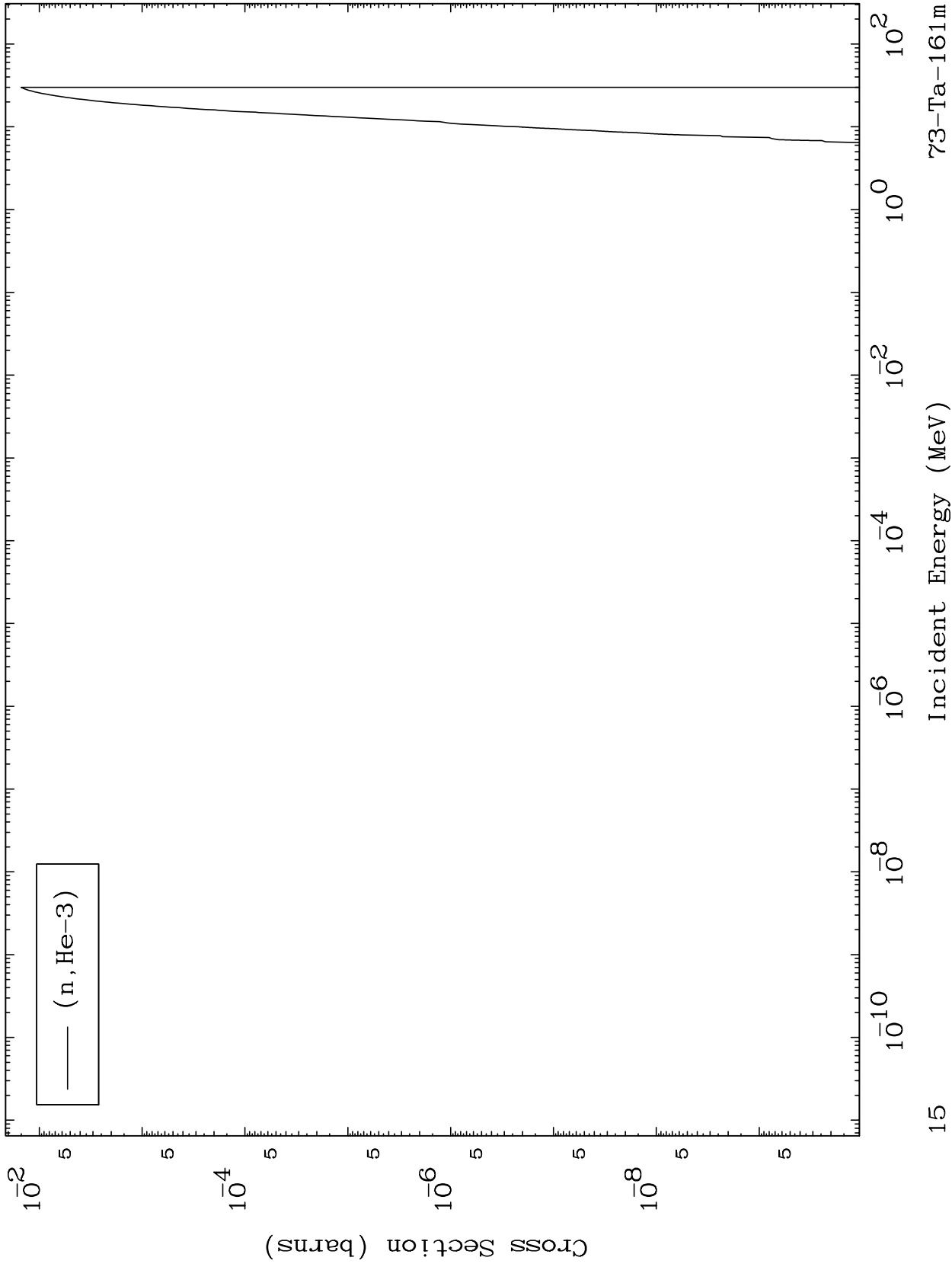
Incident Energy (MeV)

⁷³Ta-161m

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(n,He3) Levels
293 Kelvin Cross Sections

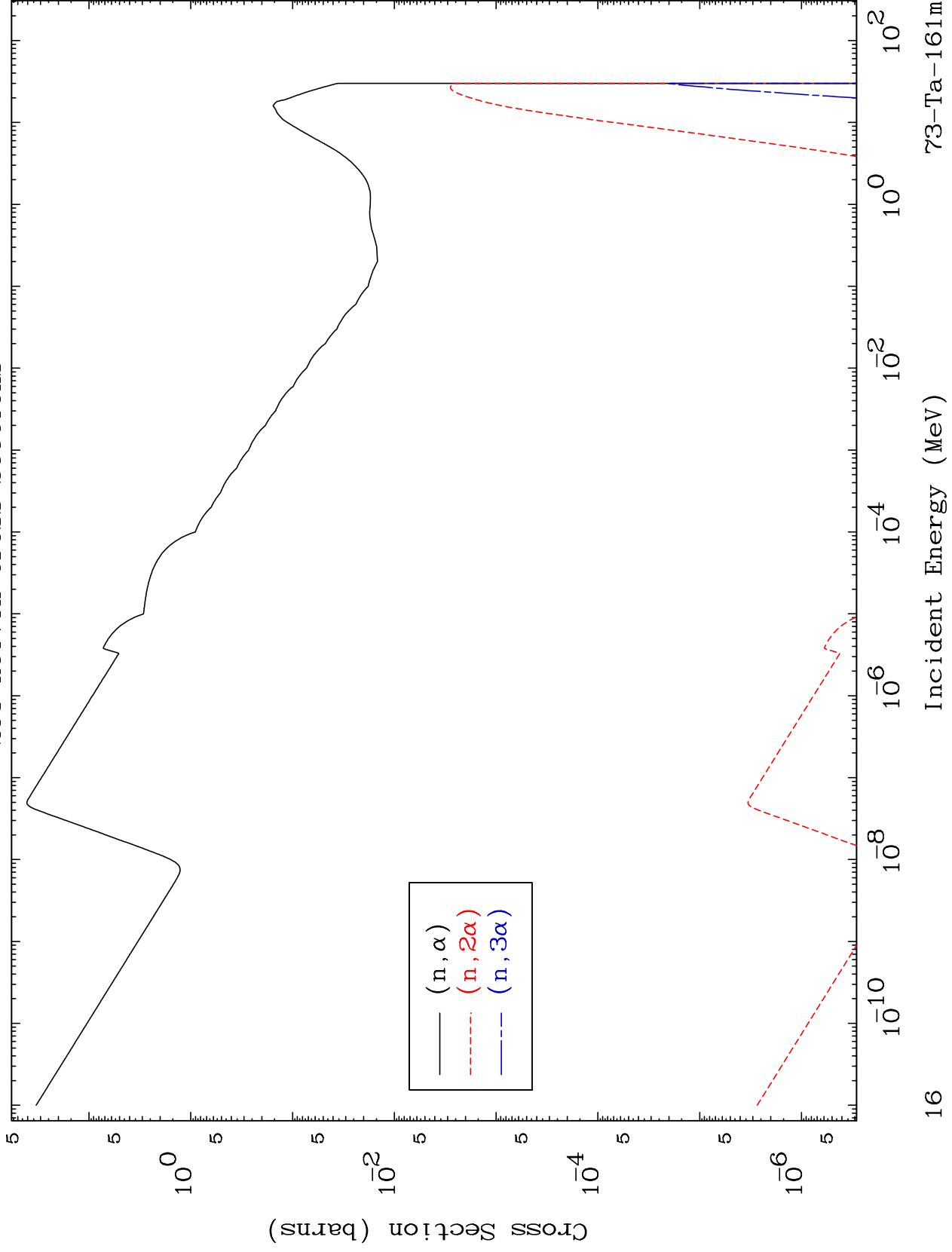
⁷³Ta-161m



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(n, α) Levels
293 Kelvin Cross Sections

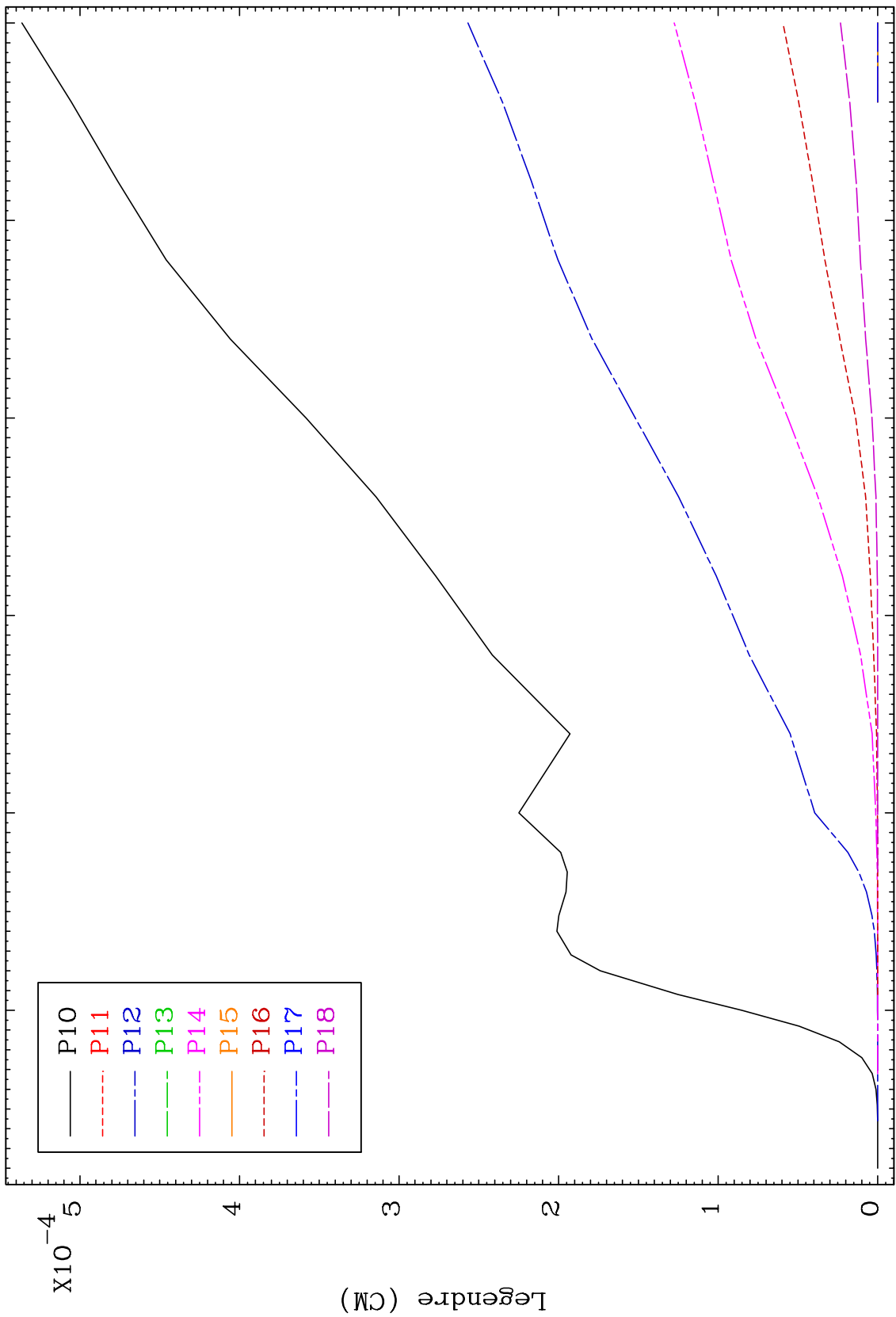
⁷³Ta-161m



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Elastic Legendre Coefficients

⁷³Ta-161m



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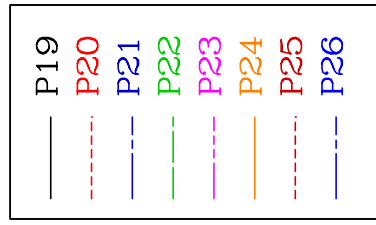
Incident Energy (MeV)

⁷³Ta-161m

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Elastic
Legendre Coefficients

⁷³Ta-161m



$\times 10^{-6}$

6

4

2

0

Legendre (CM)

15

20

25

30

19

Incident Energy (MeV)

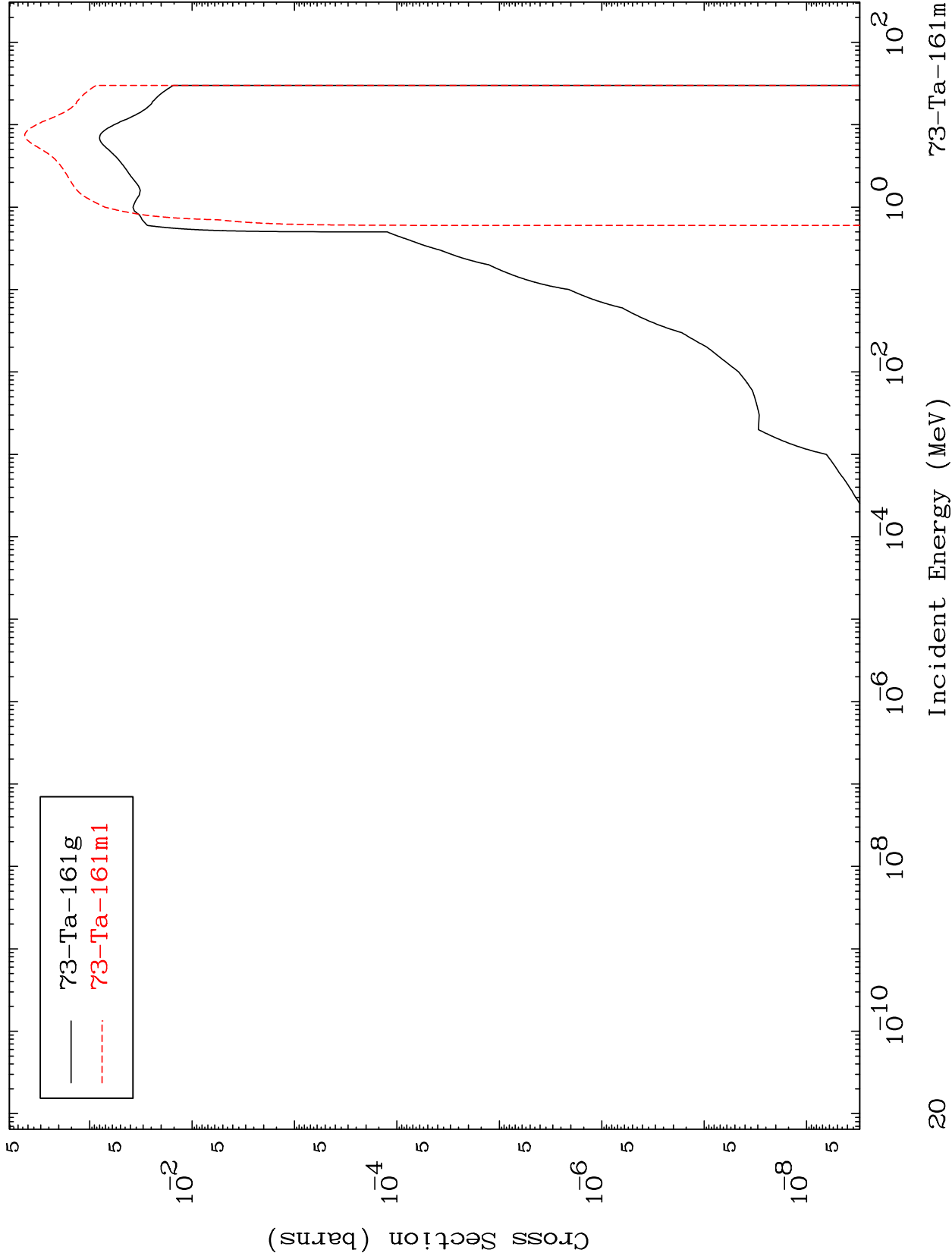
⁷³Ta-161m



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Inelastic
Radionuclide Production Cross Section

⁷³Ta-161m

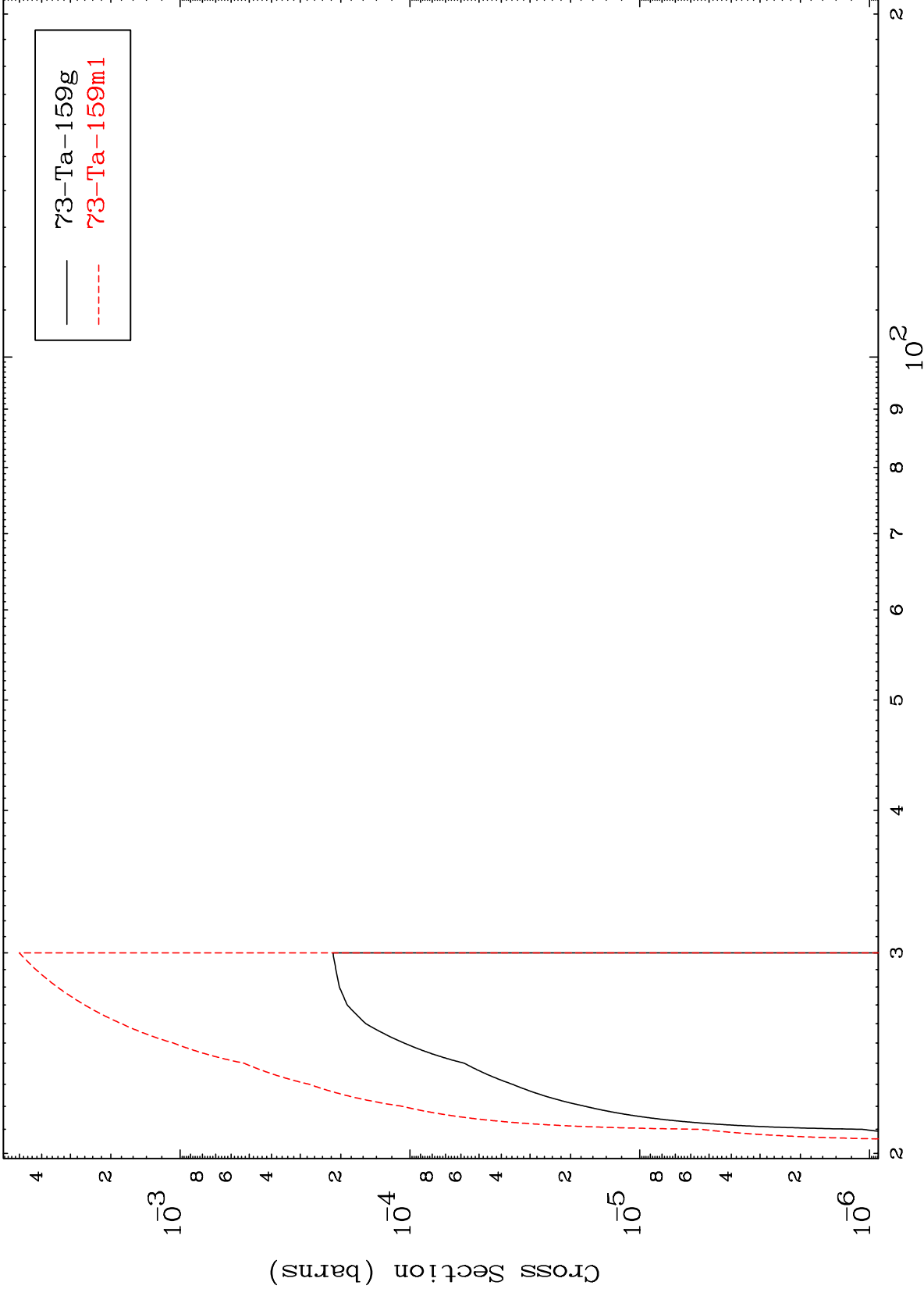


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(n,3n)

⁷³Ta-161m

Radionuclide Production Cross Section

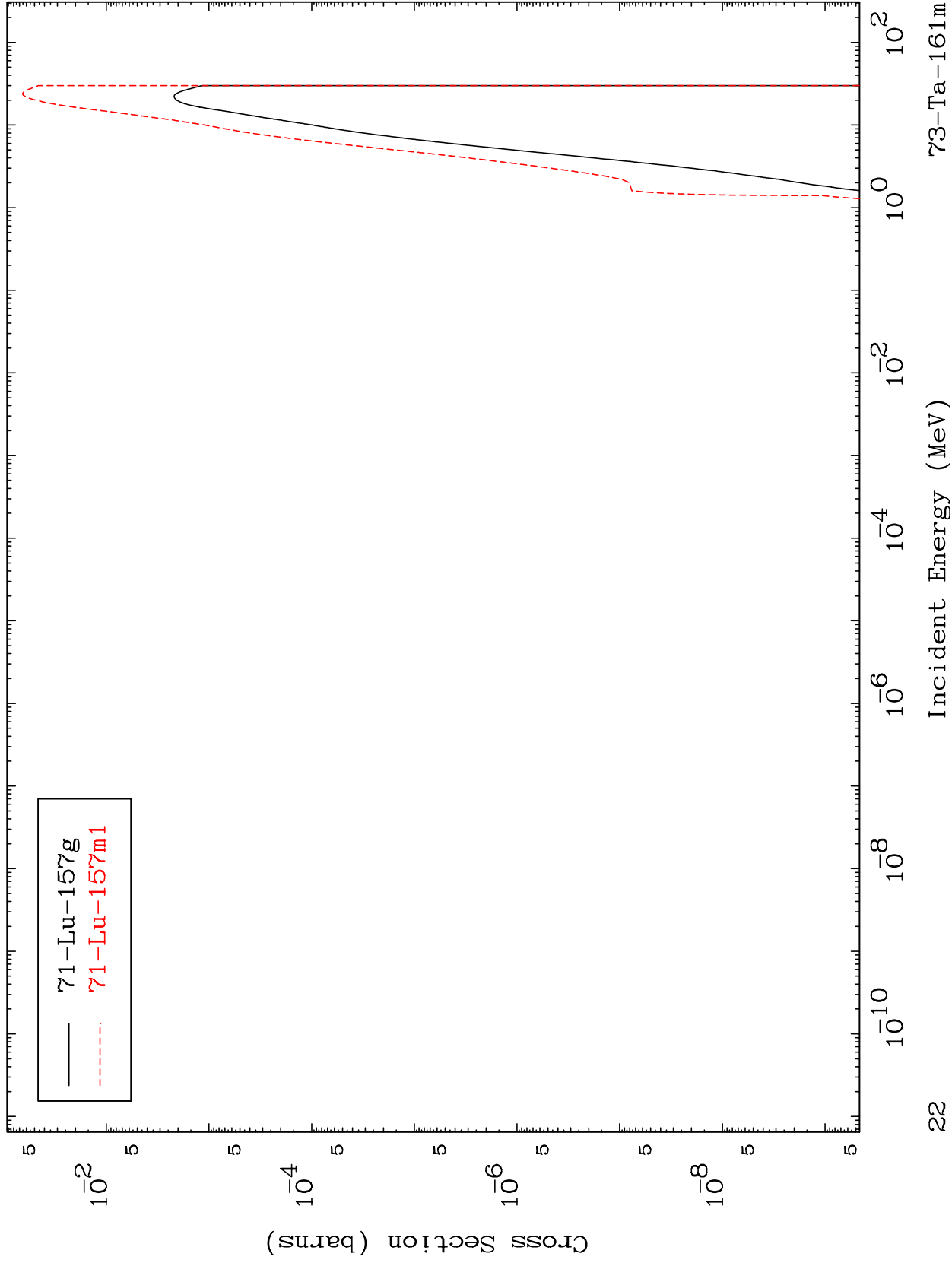


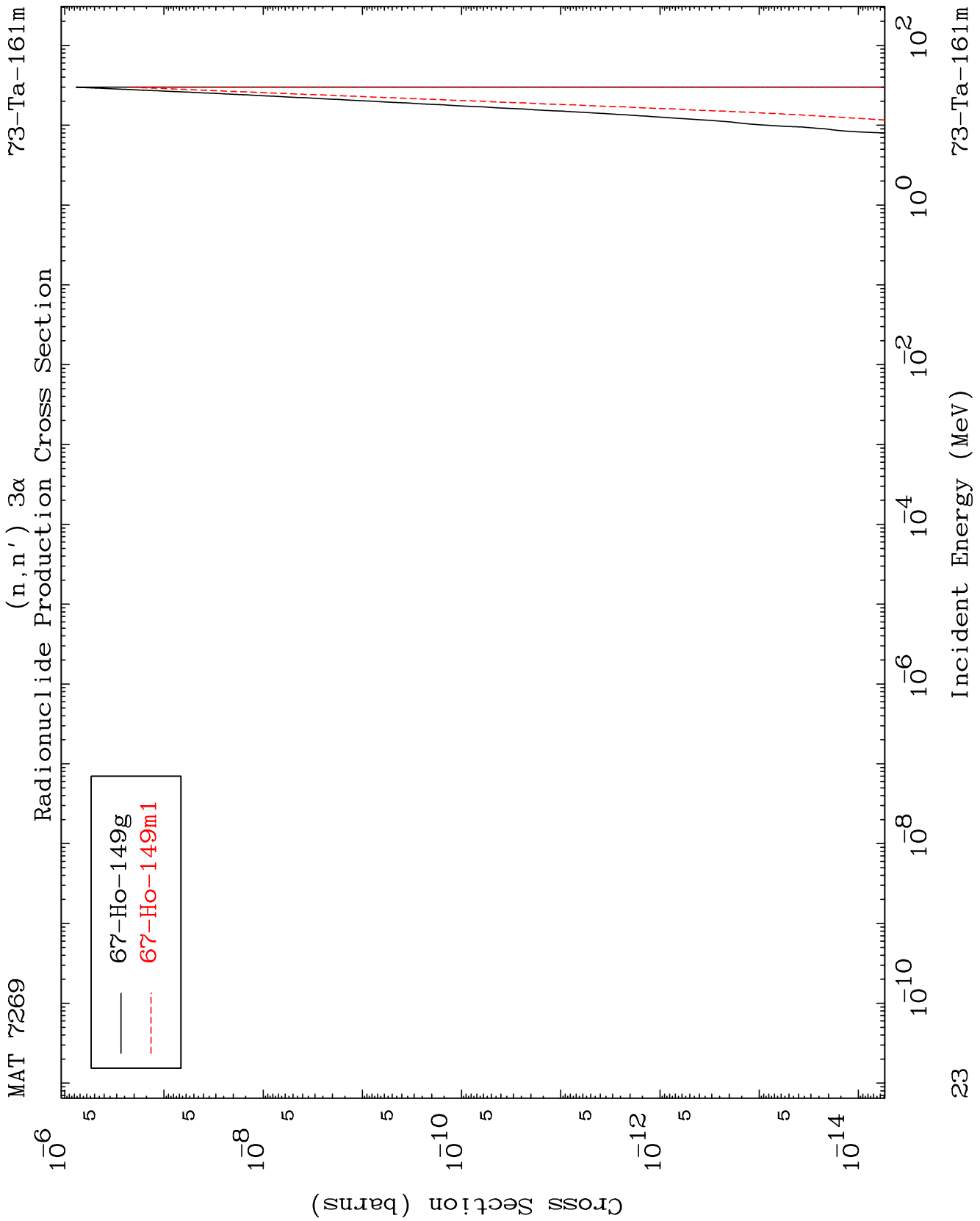
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$(n, n') \alpha$

$^{73}\text{Ta-161m}$

Radionuclide Production Cross Section

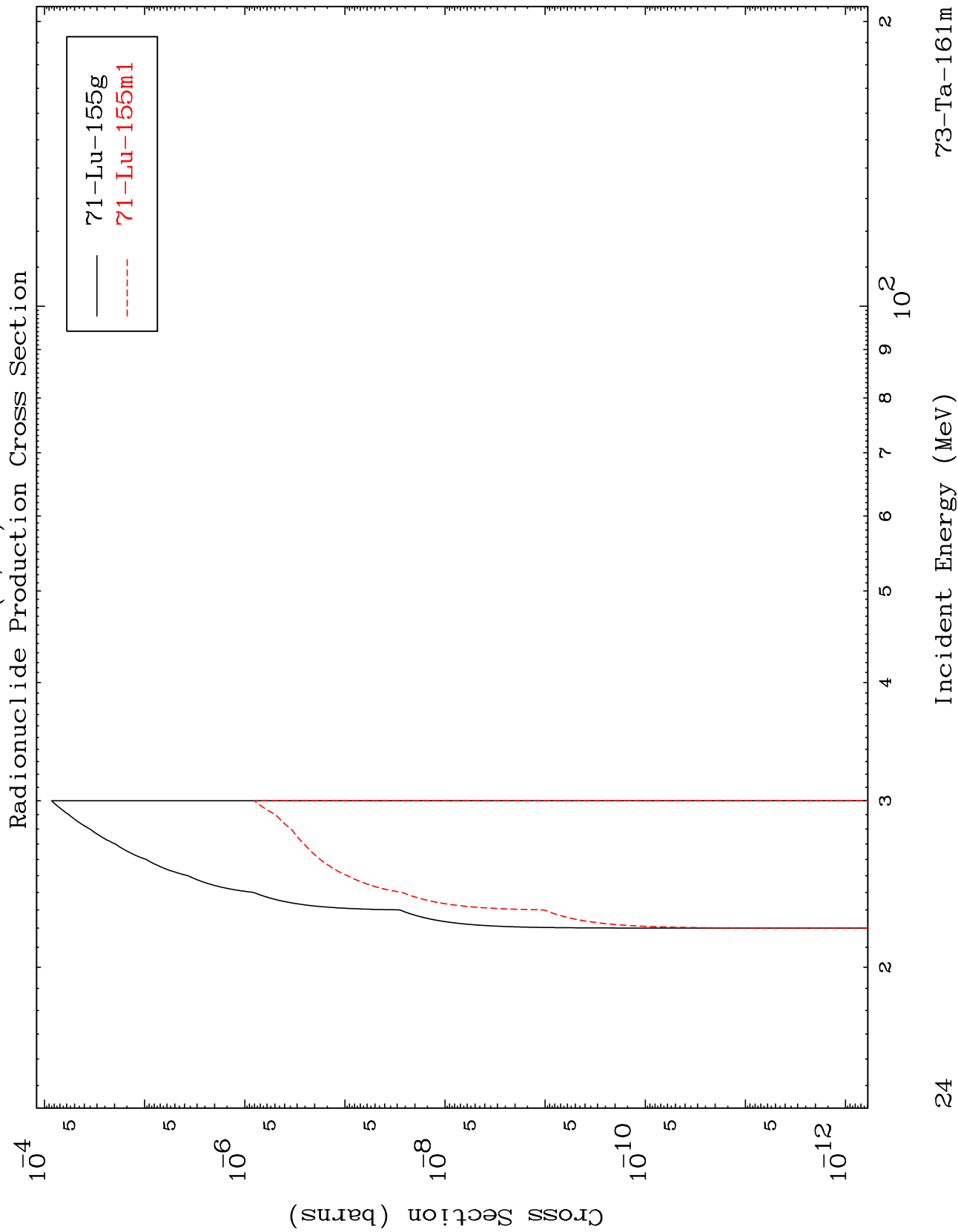




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(n,3n) α

⁷³Ta-161m



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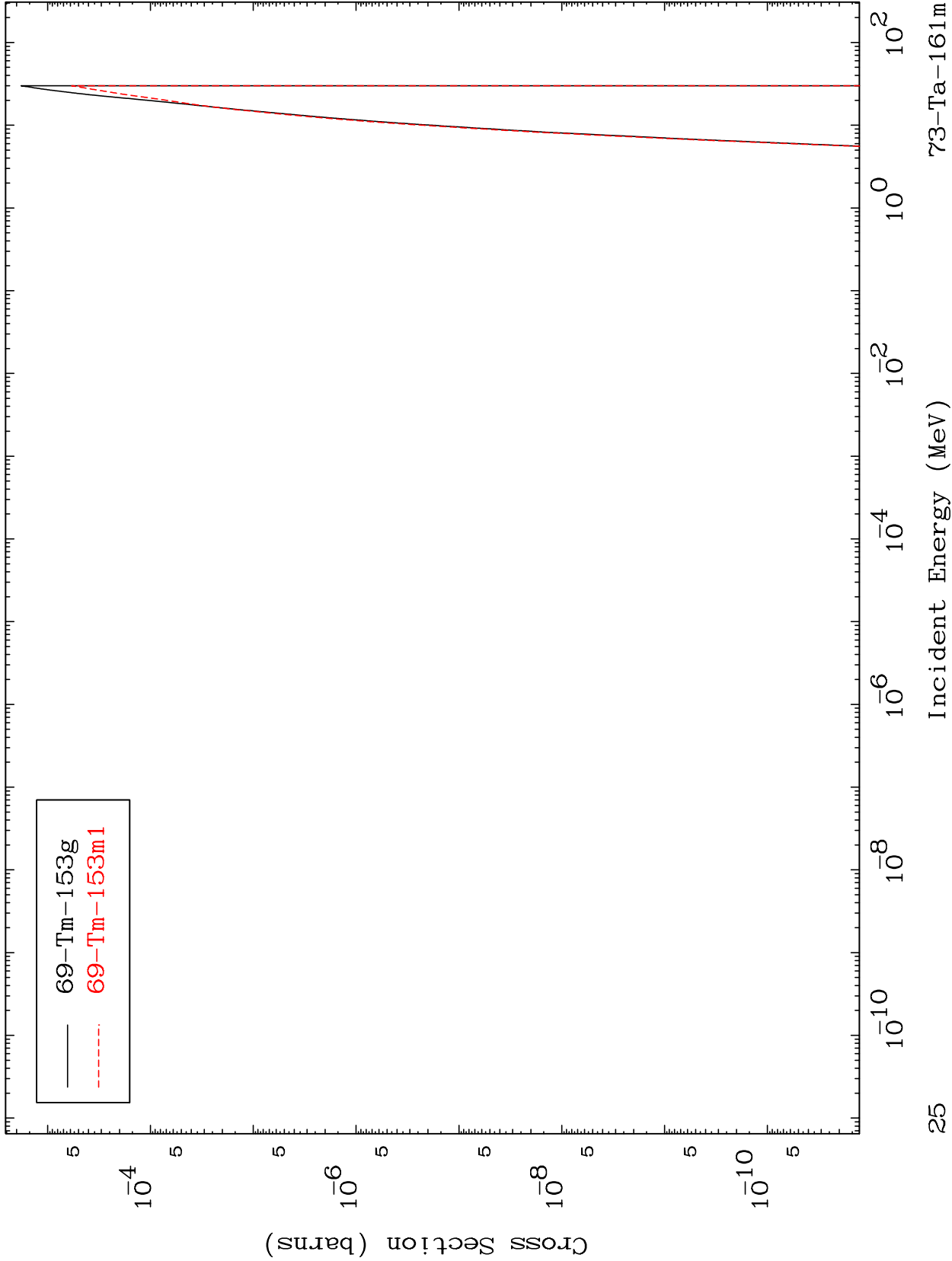
⁷³Ta-161m

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(n,n') 2α

⁷³Ta-161m

Radionuclide Production Cross Section

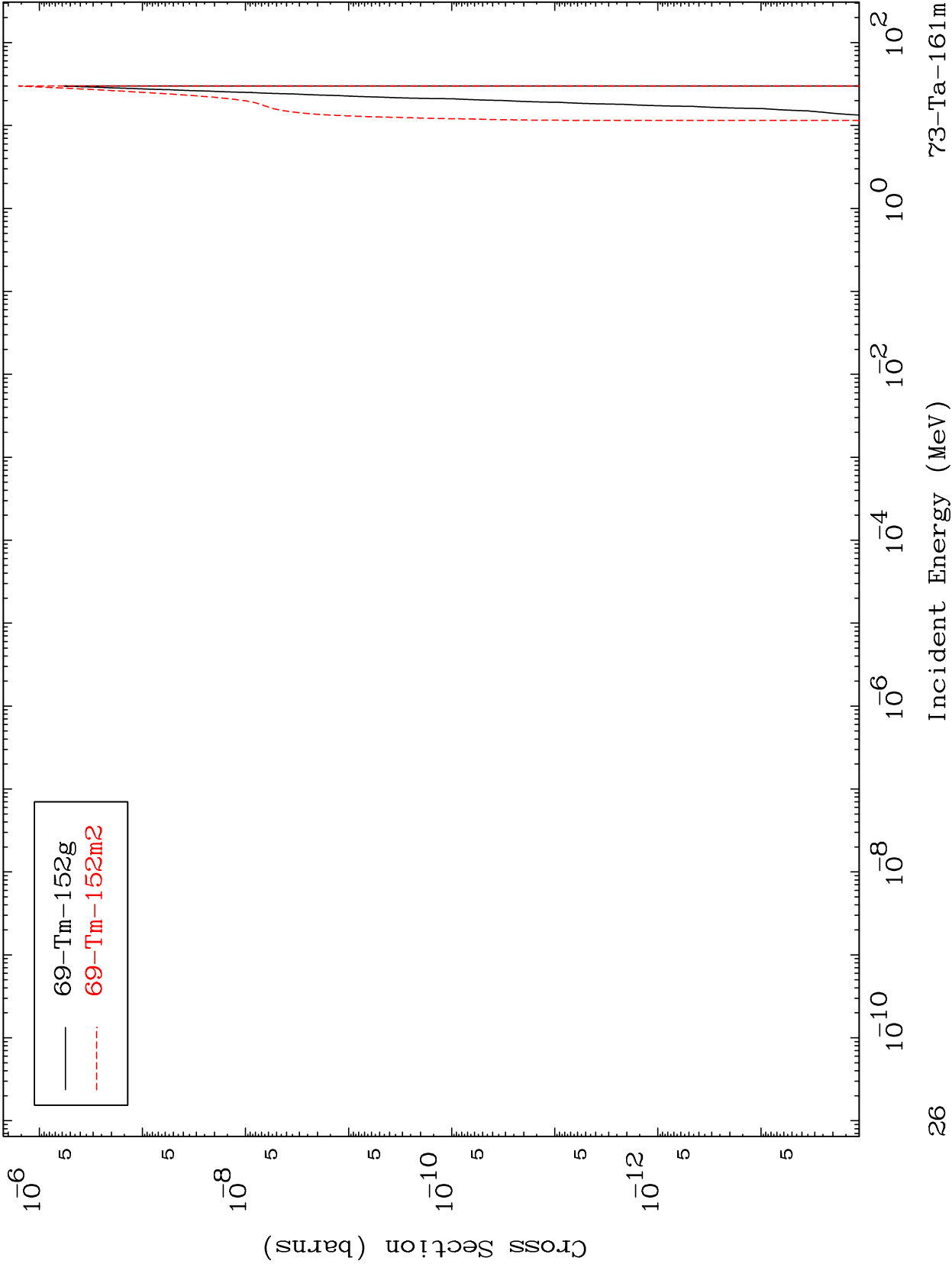


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(n,2n) 2α

73-Ta-161m

Radionuclide Production Cross Section

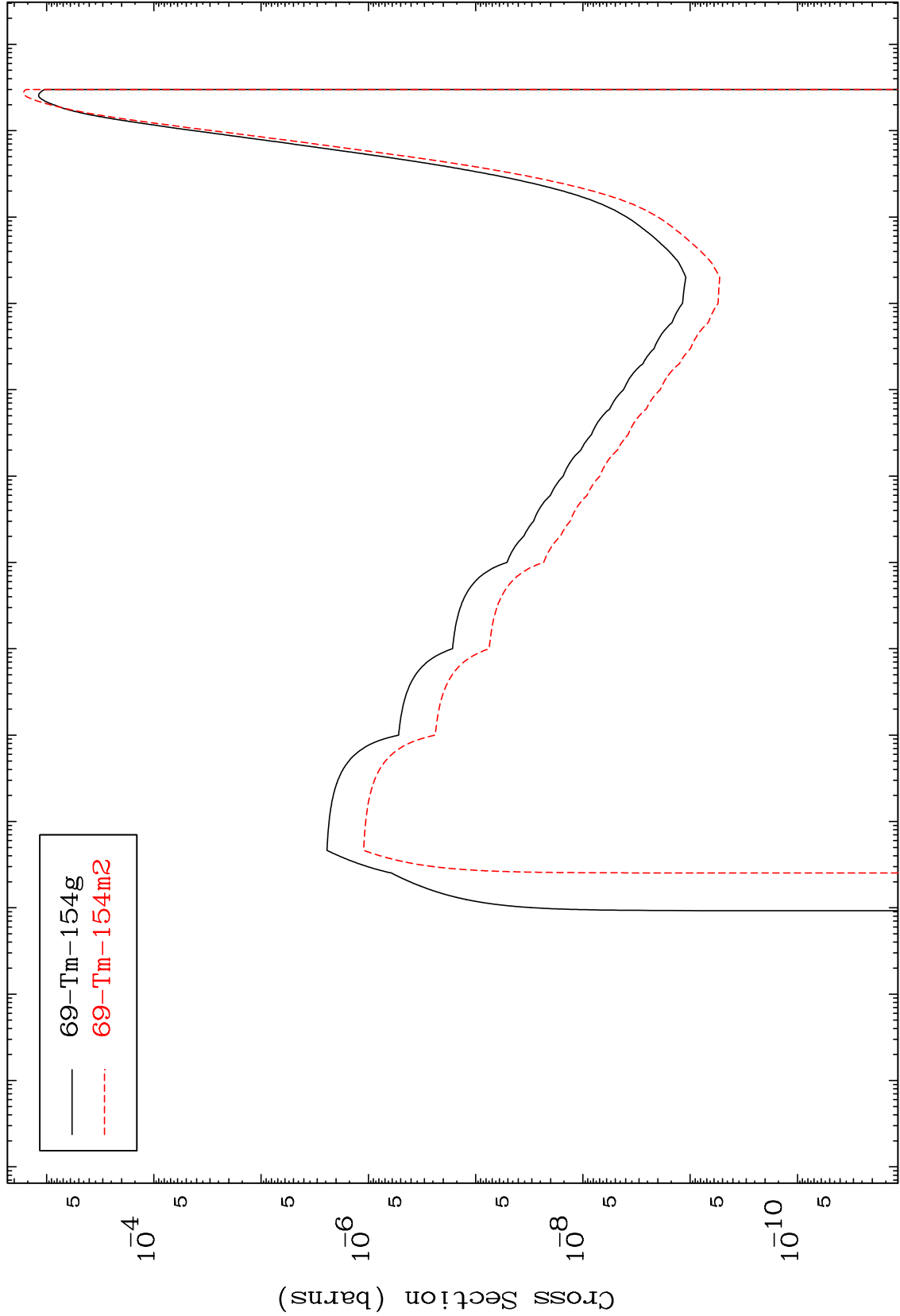
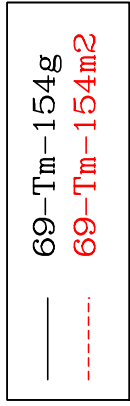


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(n,2α)

⁷³Ta-161m

Radionuclide Production Cross Section

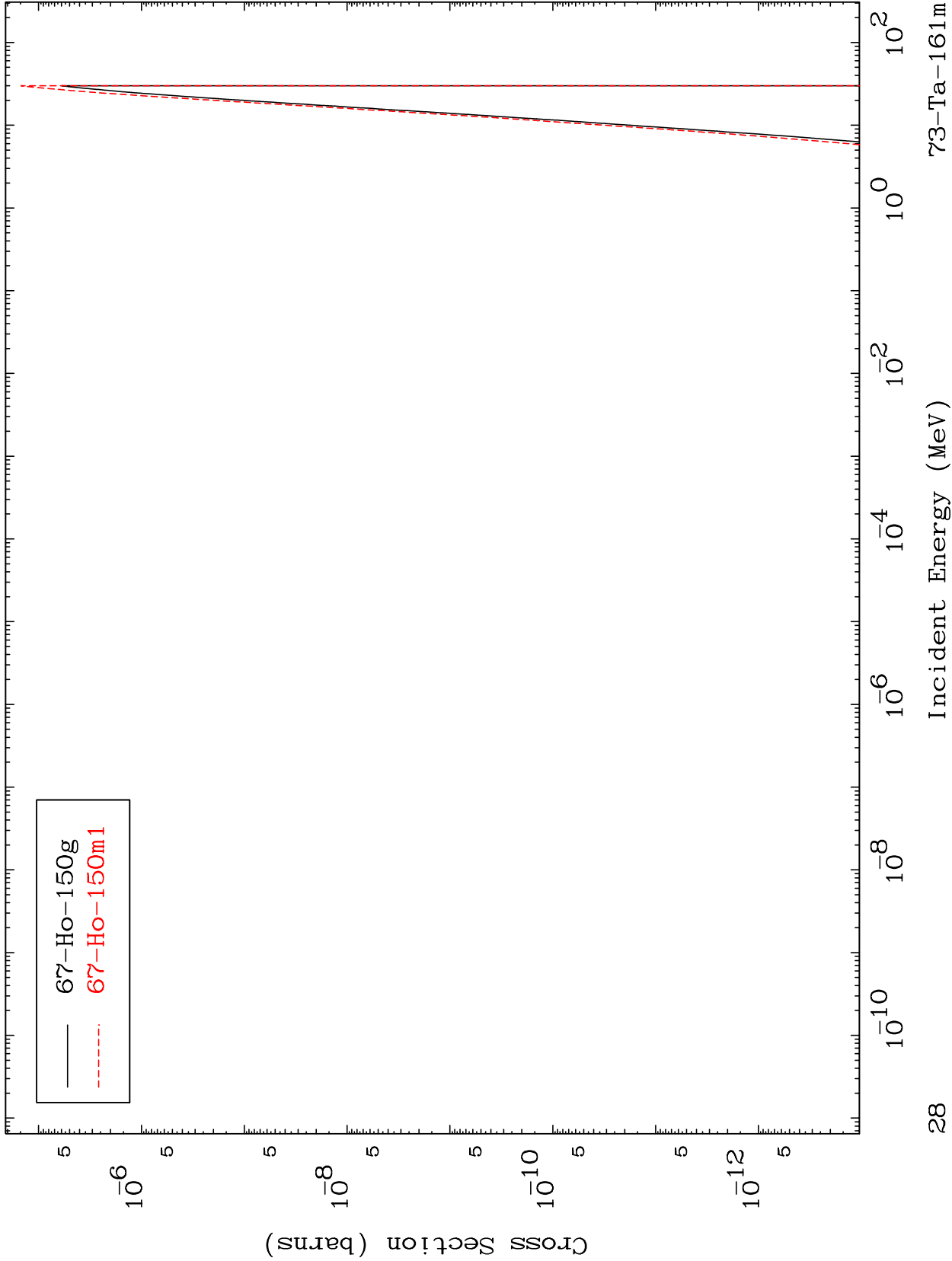


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(n, 3 α)

⁷³Ta-161m

Radionuclide Production Cross Section



MAT 7269

(n,2p)

⁷³Ta-161m

Radionuclide Production Cross Section

