

Program EVALPLOT
(Version 2021-1)

by

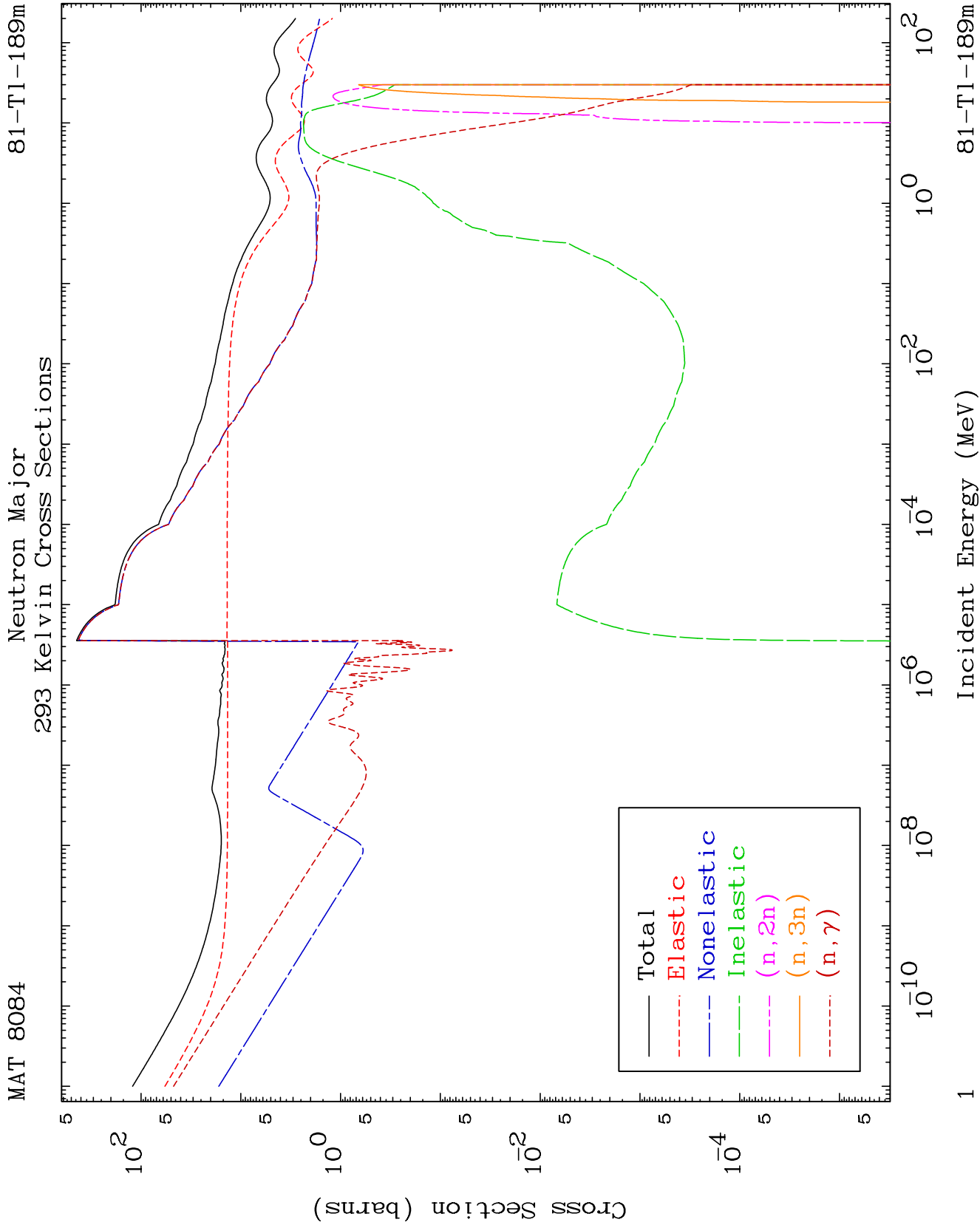
Dermott E. Cullen
(Present Contact Information)

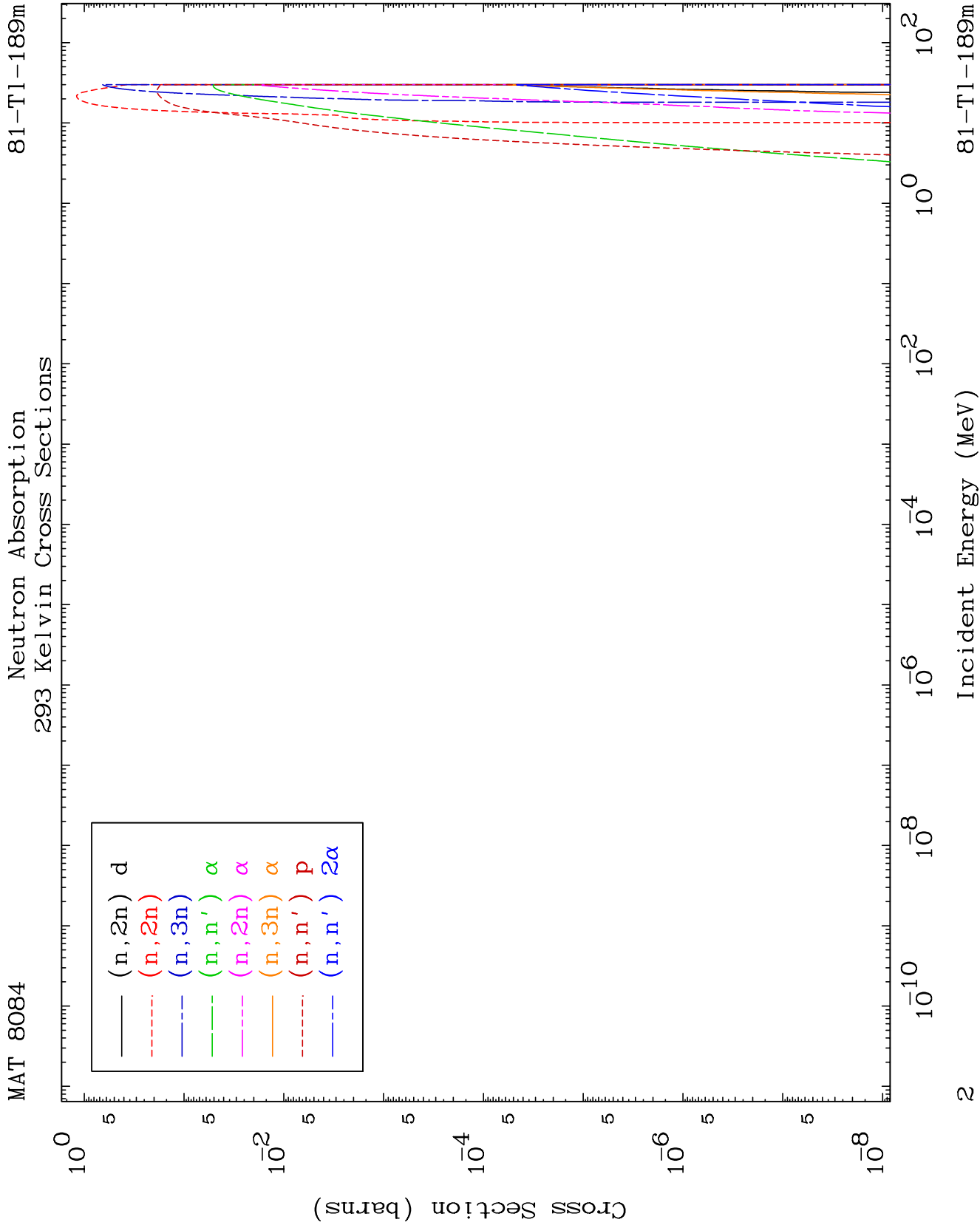
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

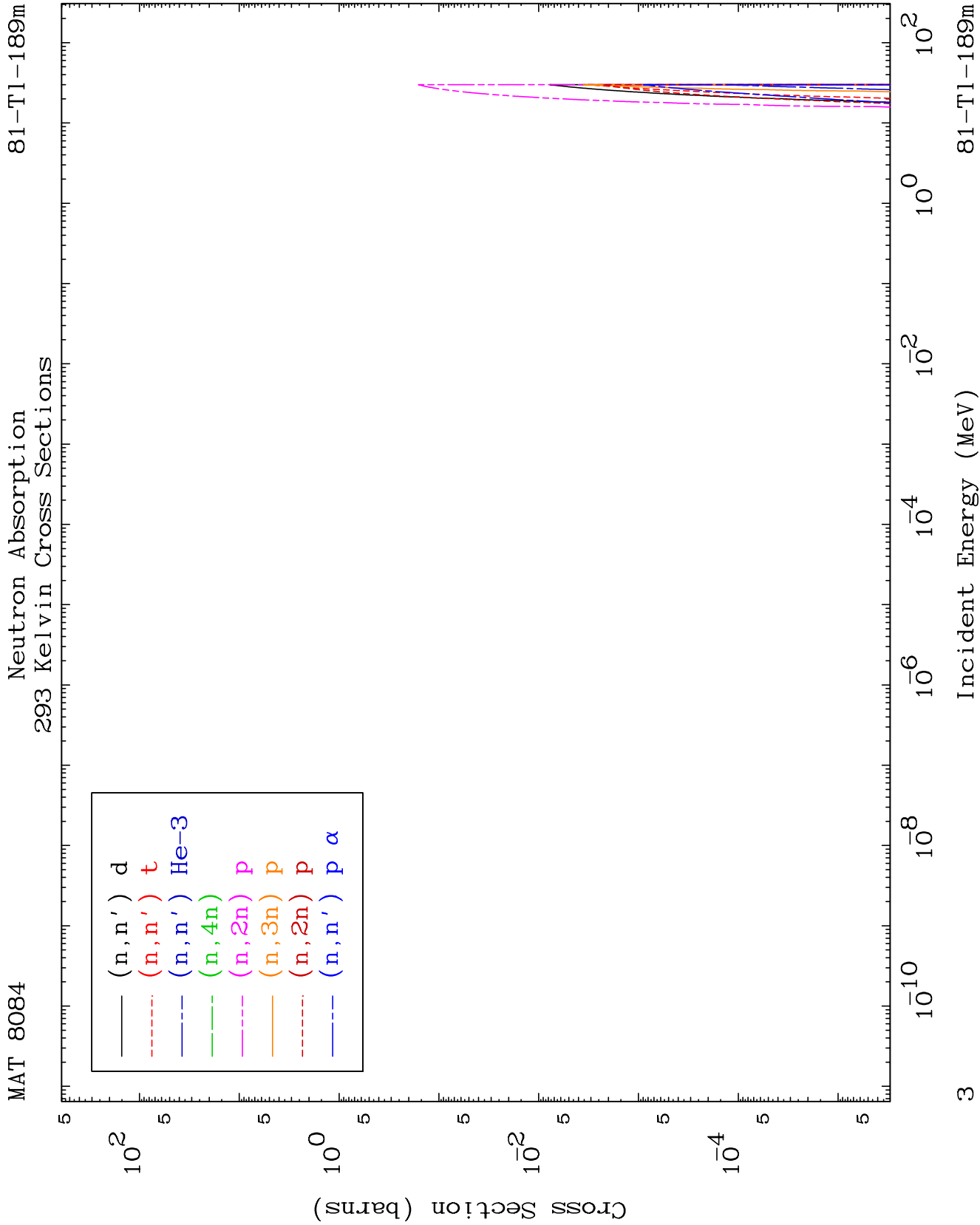
Tele: 925-443-1911

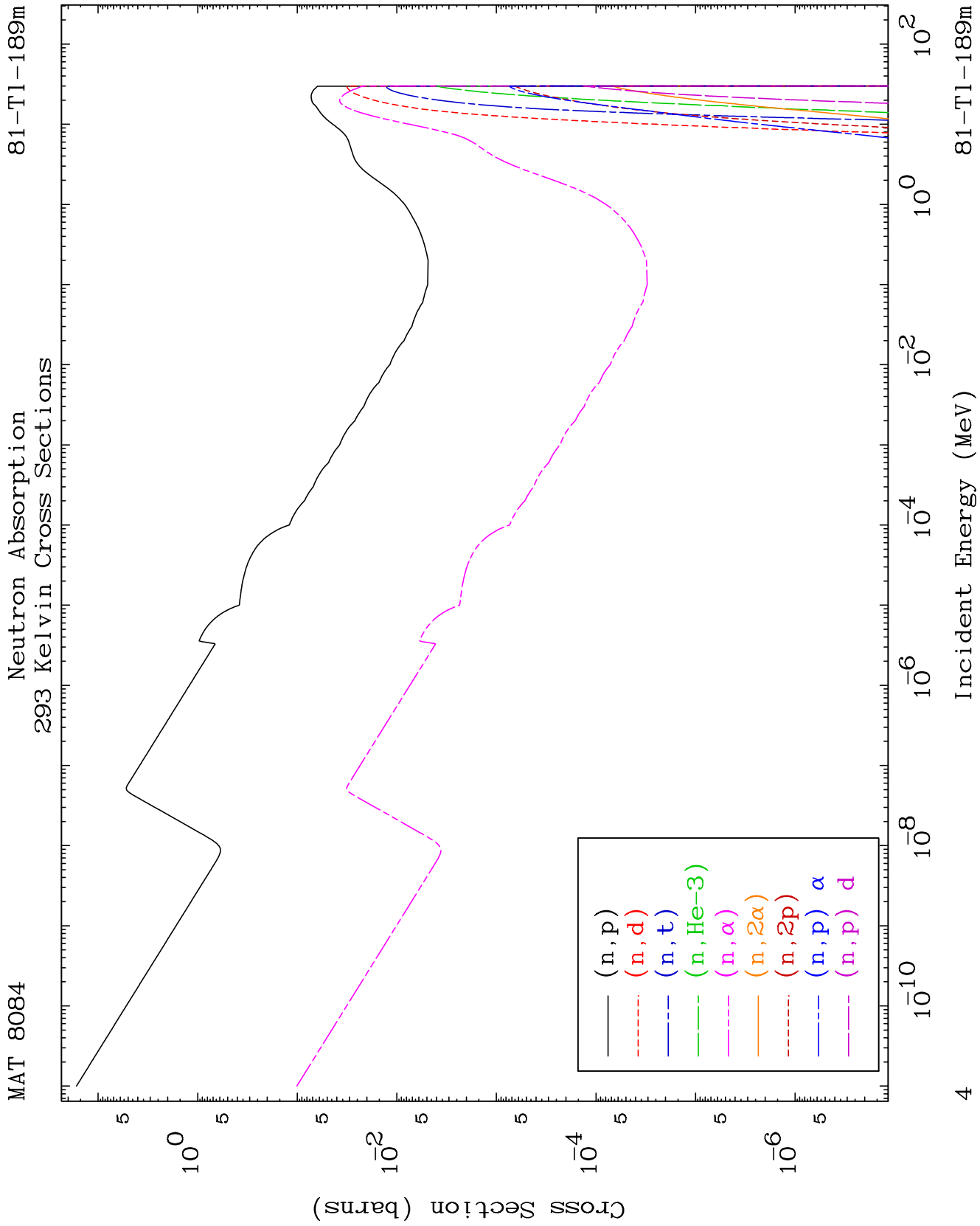
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

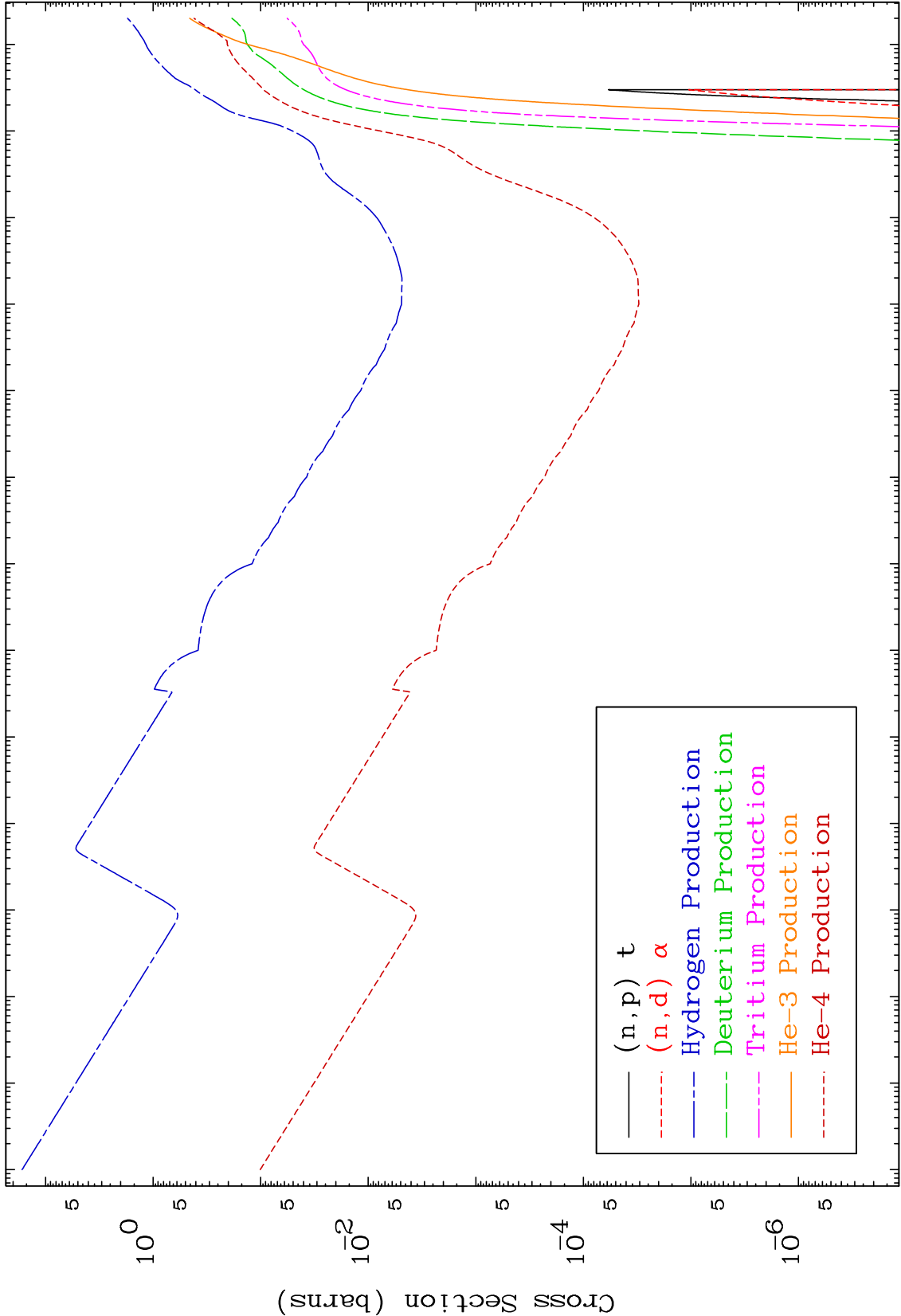
Press Mouse Button to Start







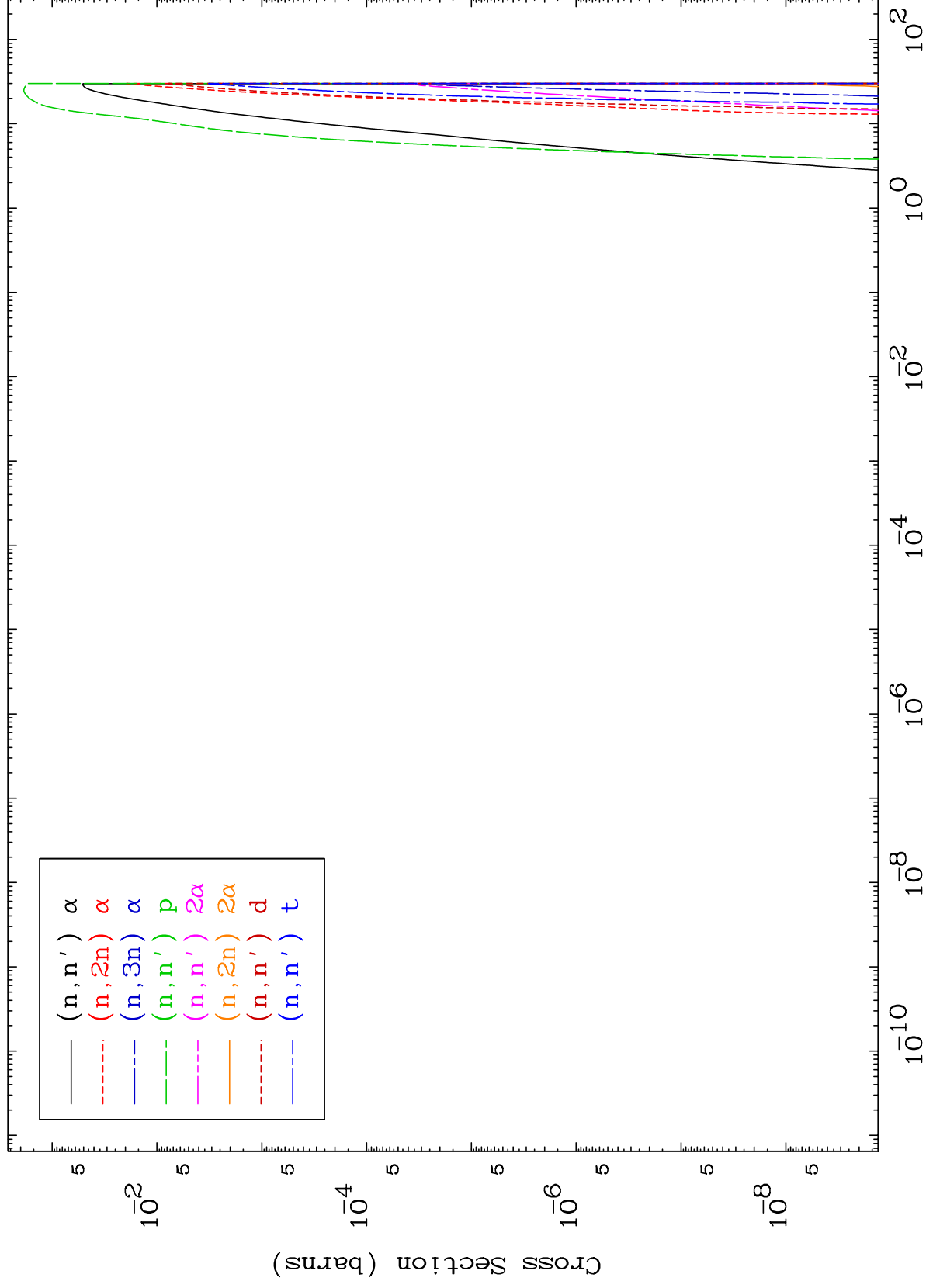


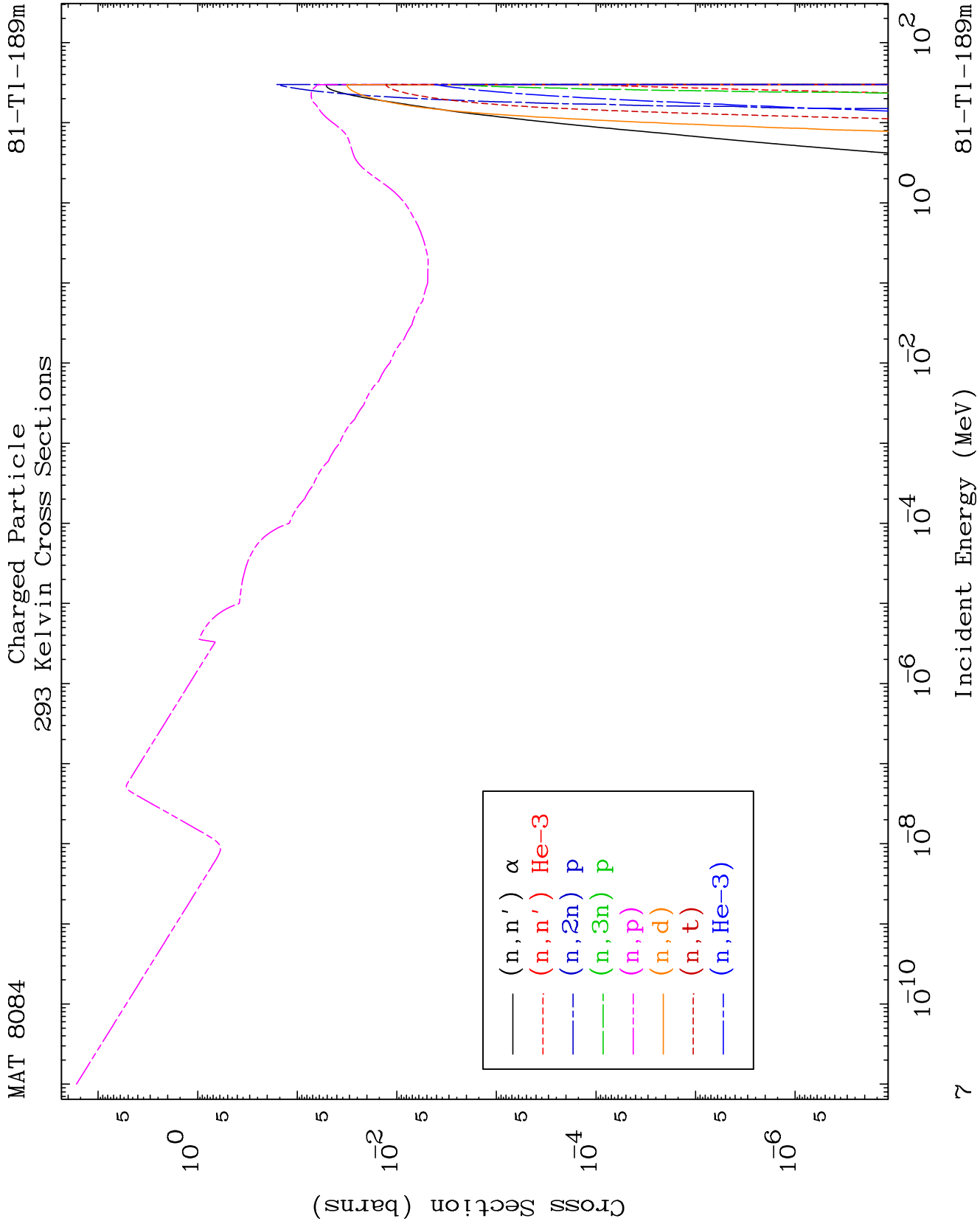


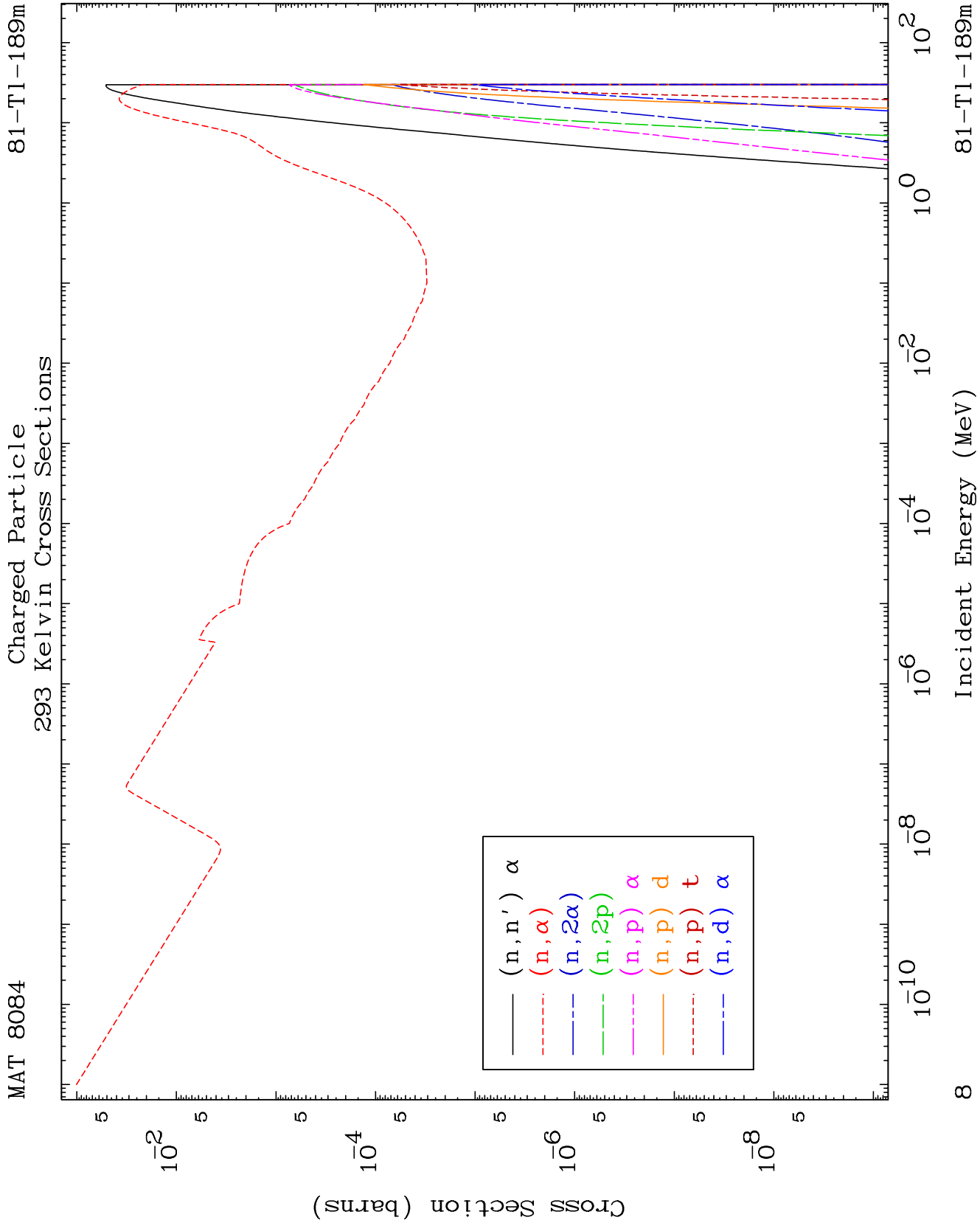
MAT 8084

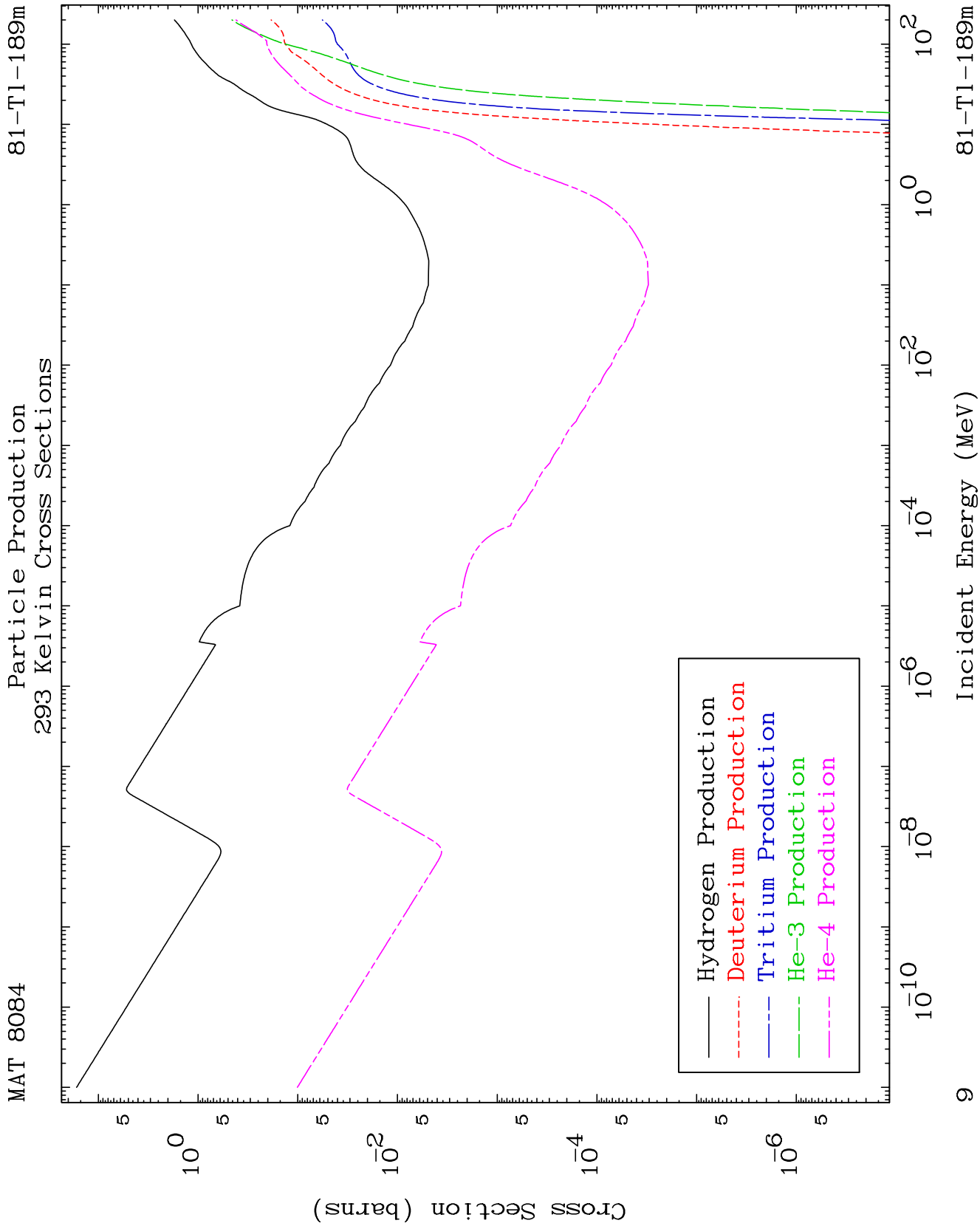
Charged Particle
293 Kelvin Cross Sections

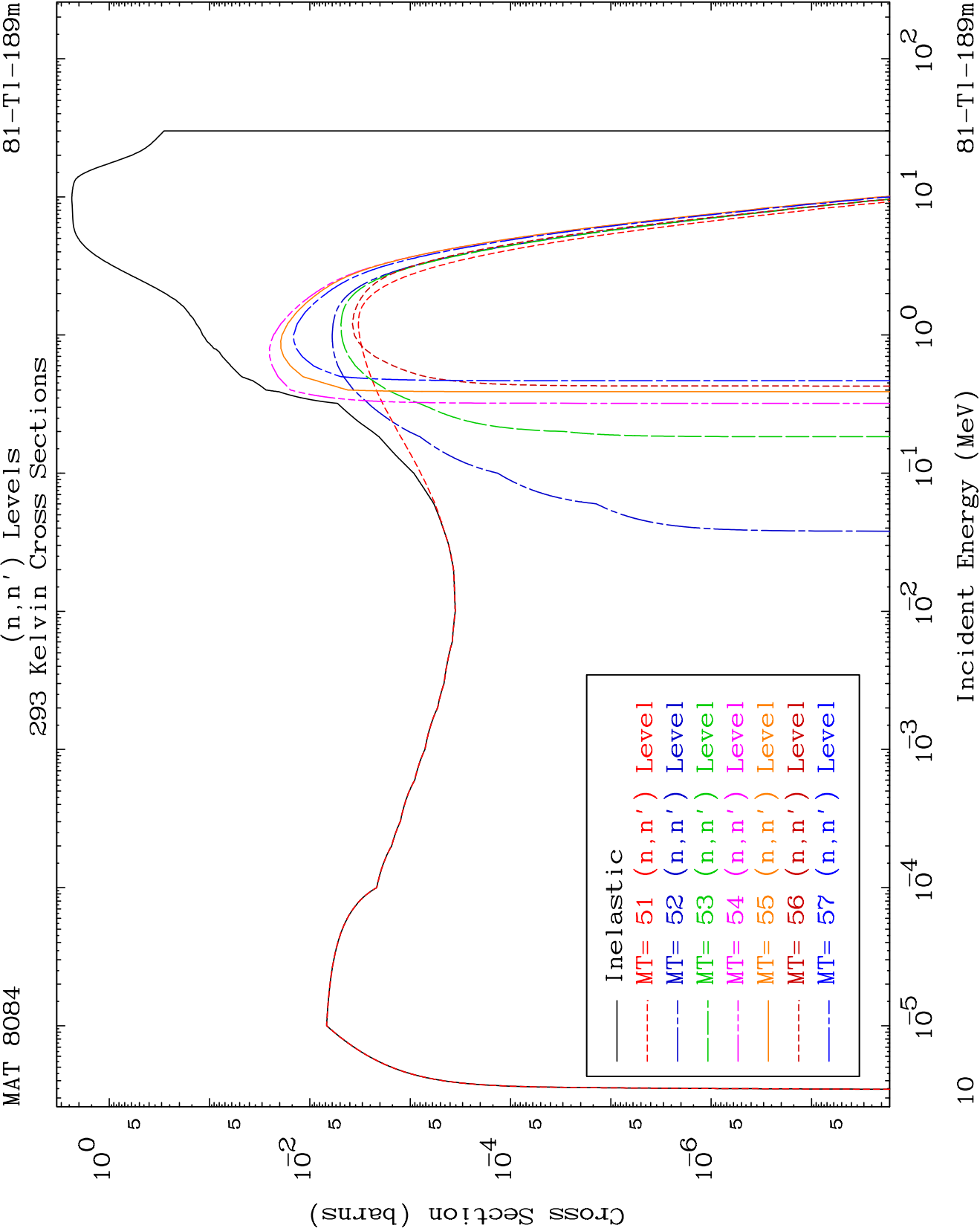
81-Tl-189m







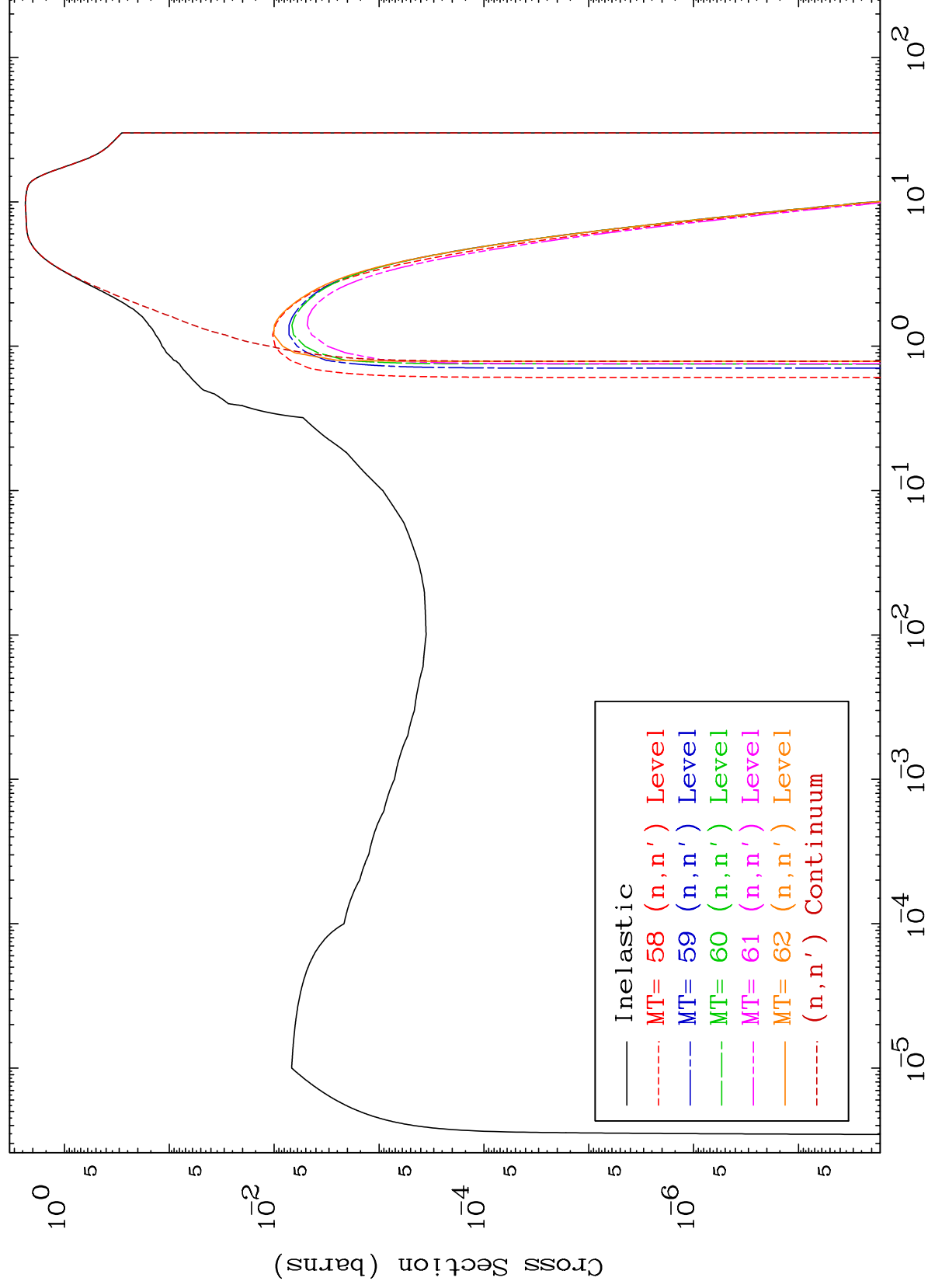


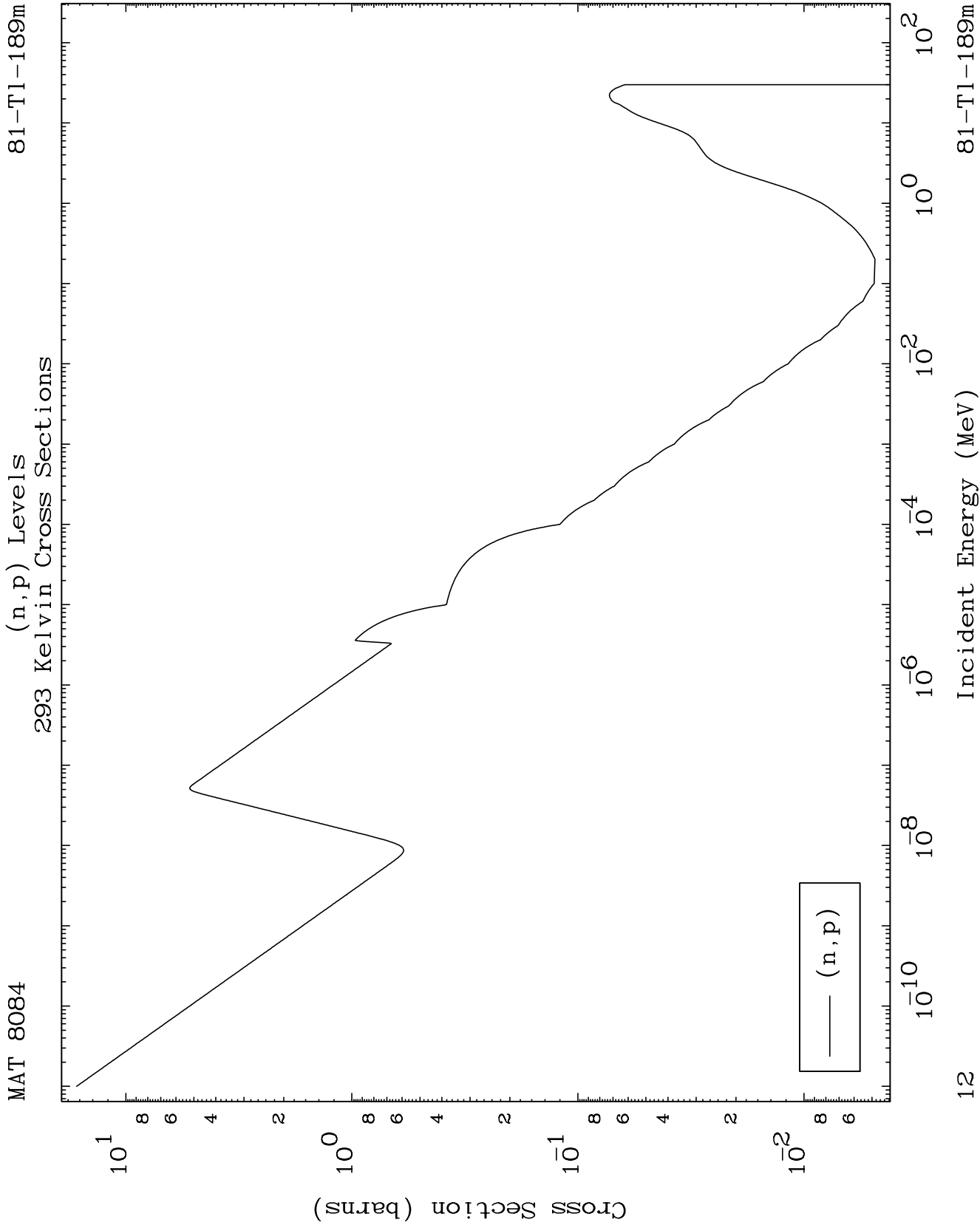


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(n,n') Levels
293 Kelvin Cross Sections

81-Tl-189m

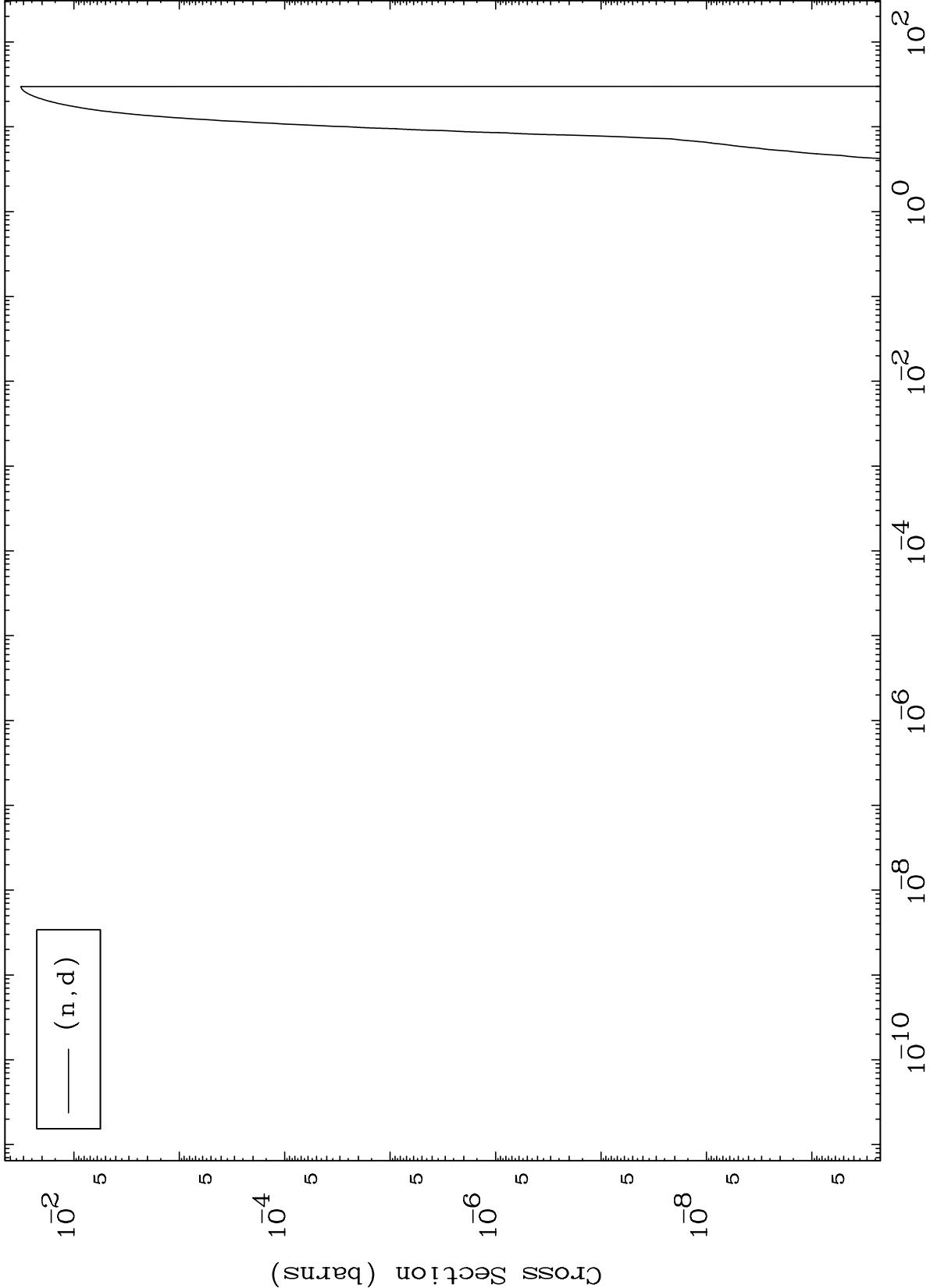




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(n,d) Levels
293 Kelvin Cross Sections

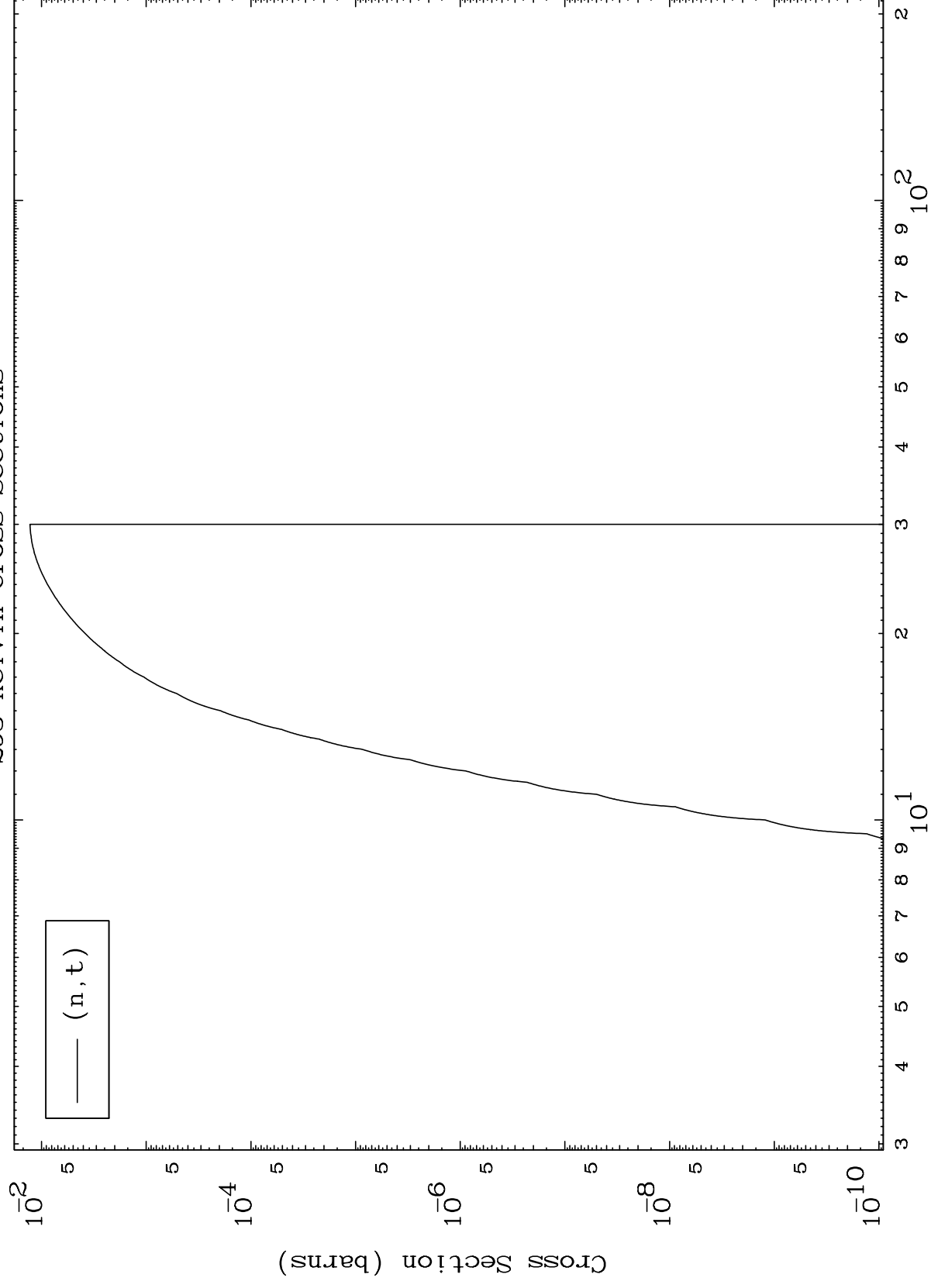
81-Tl-189m



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81-T1-189m

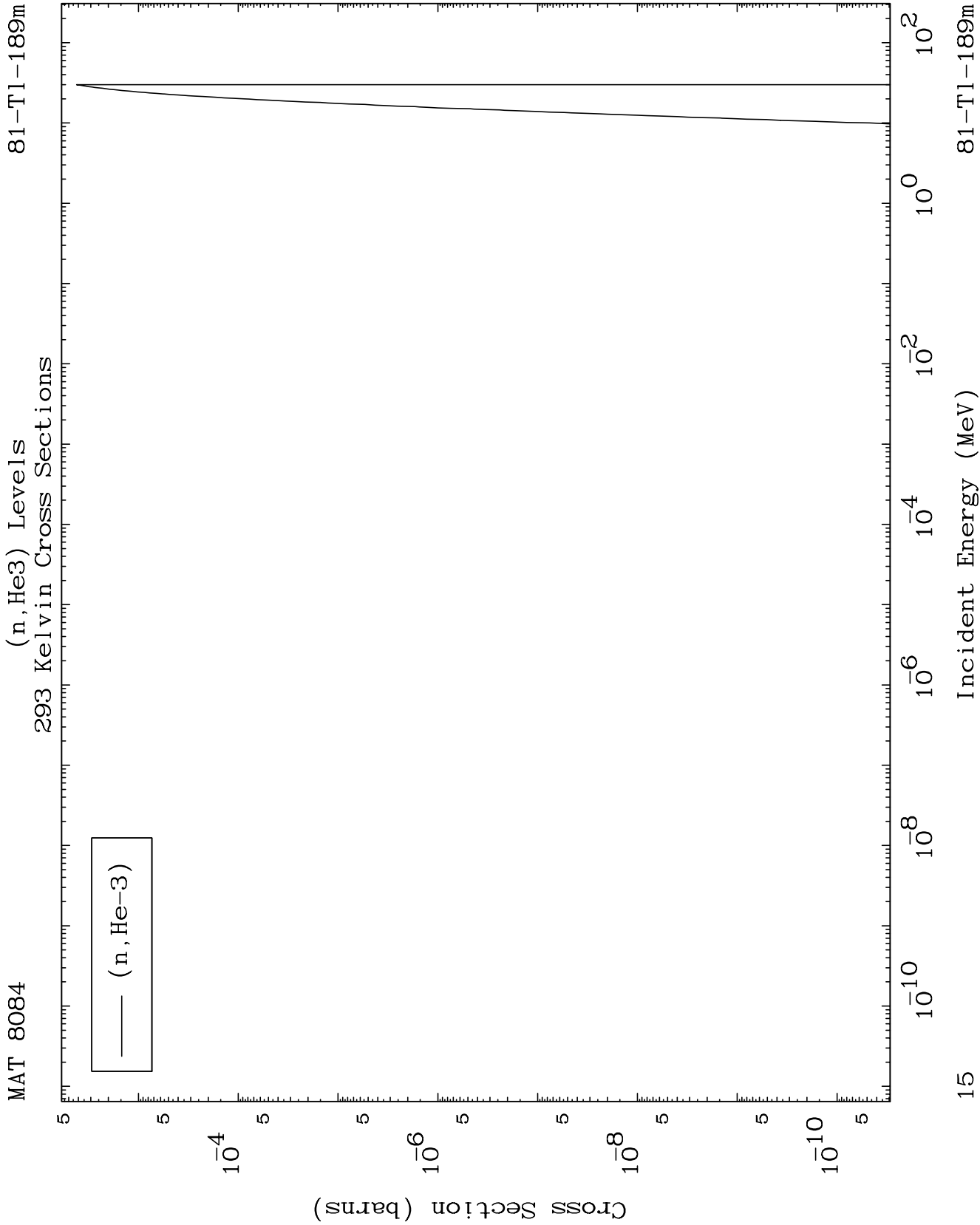
(n, t) Levels
293 Kelvin Cross Sections



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Incident Energy (MeV)

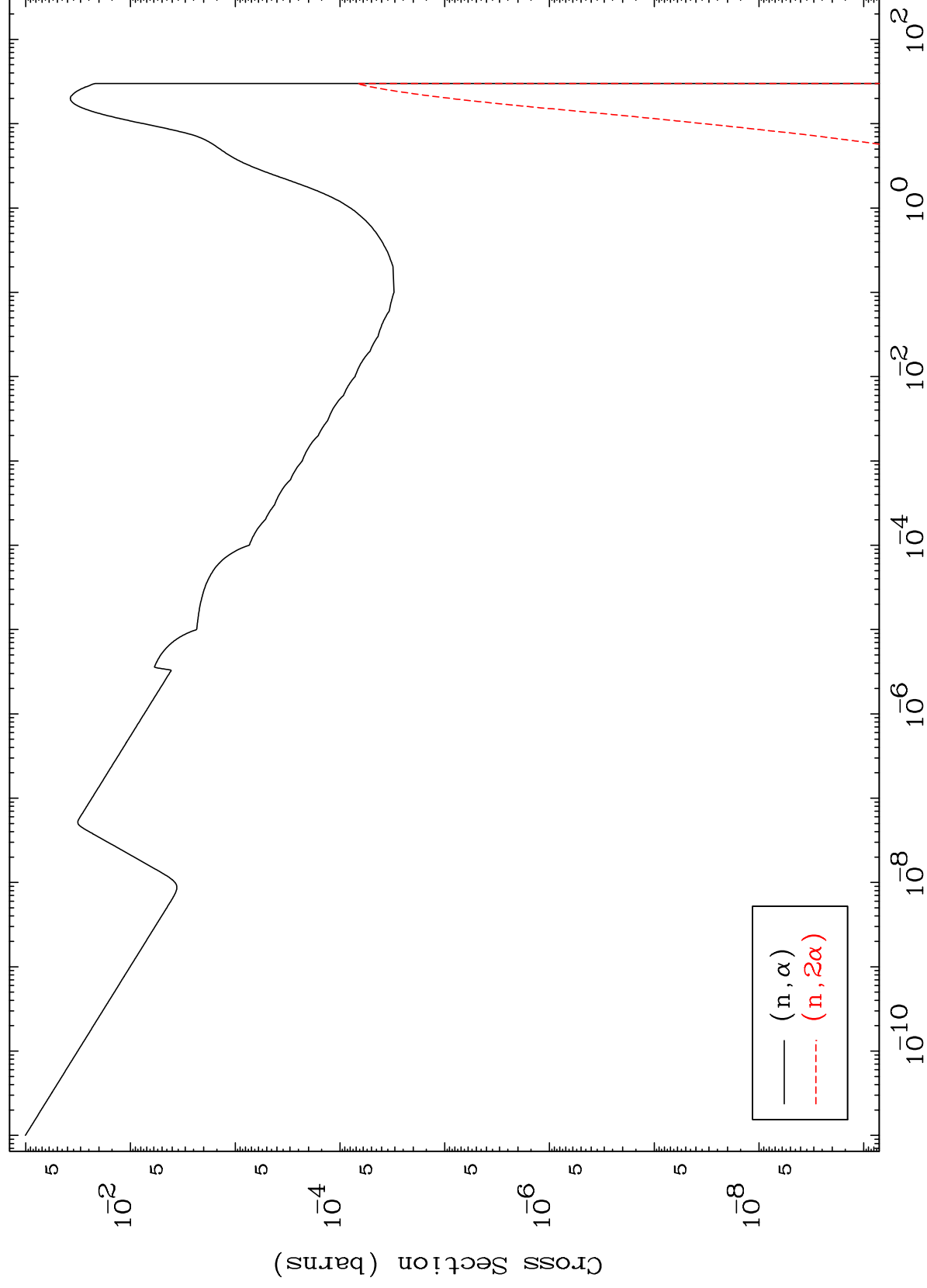
81-T1-189m



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(n, α) Levels
293 Kelvin Cross Sections

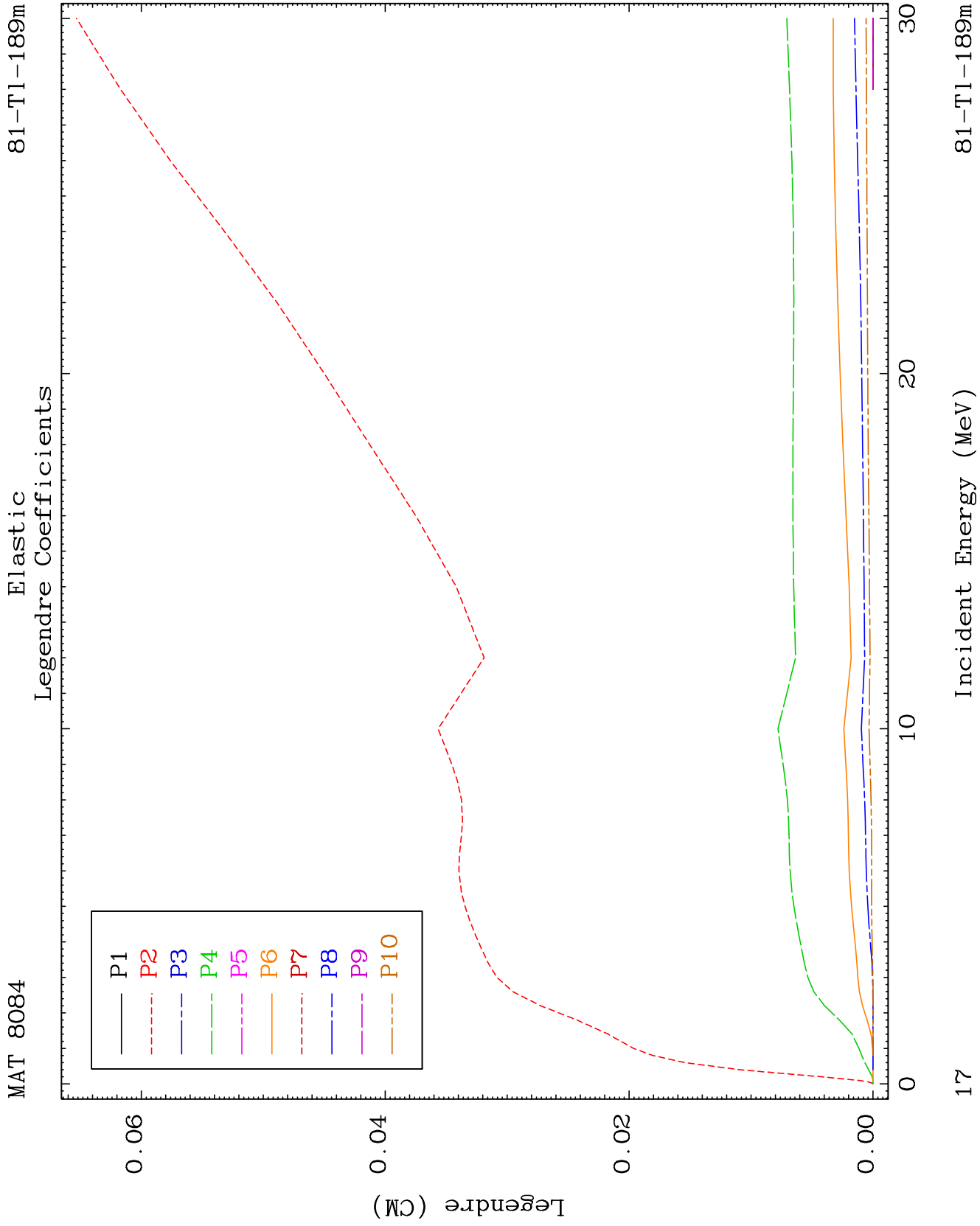
81-Tl-189m

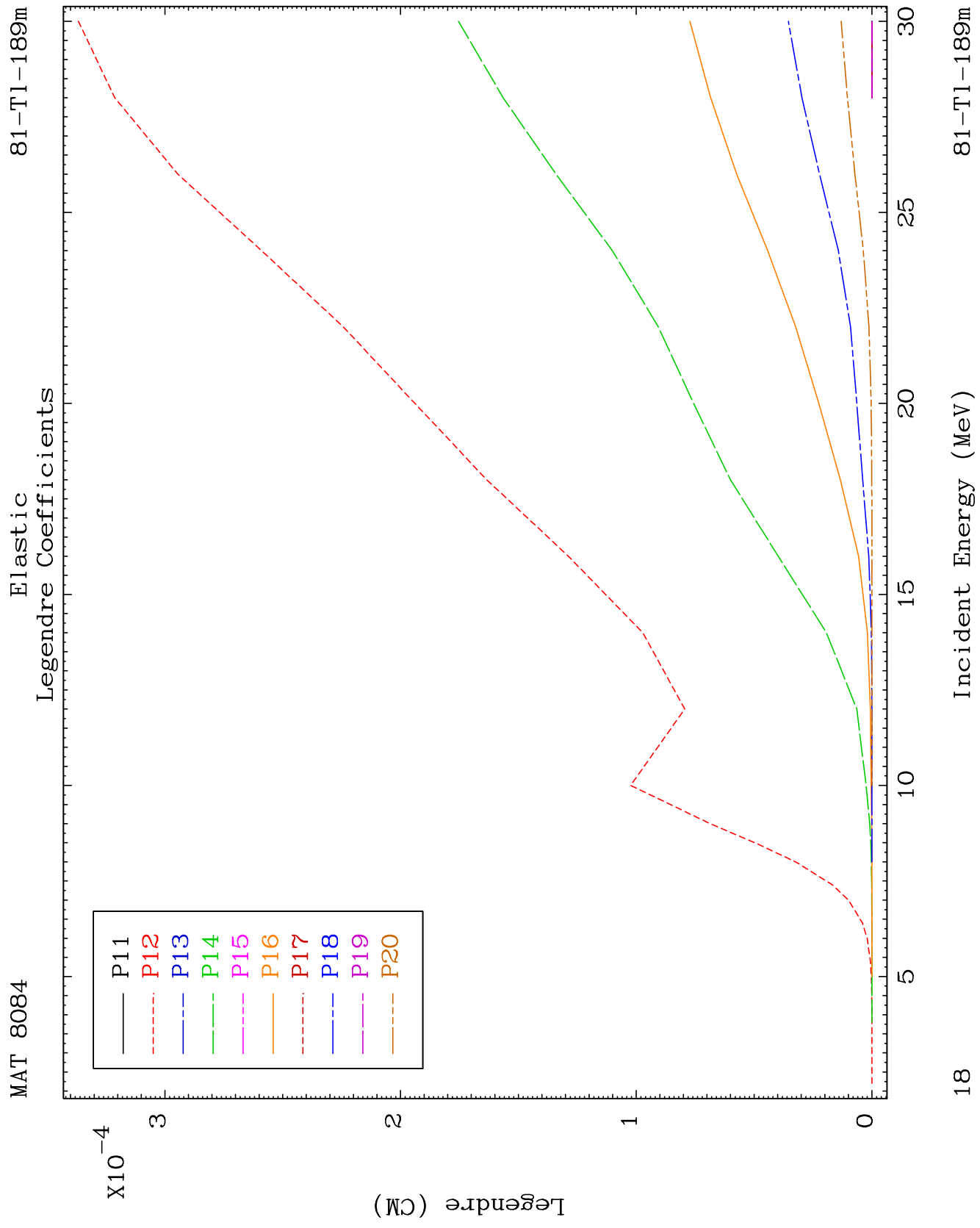


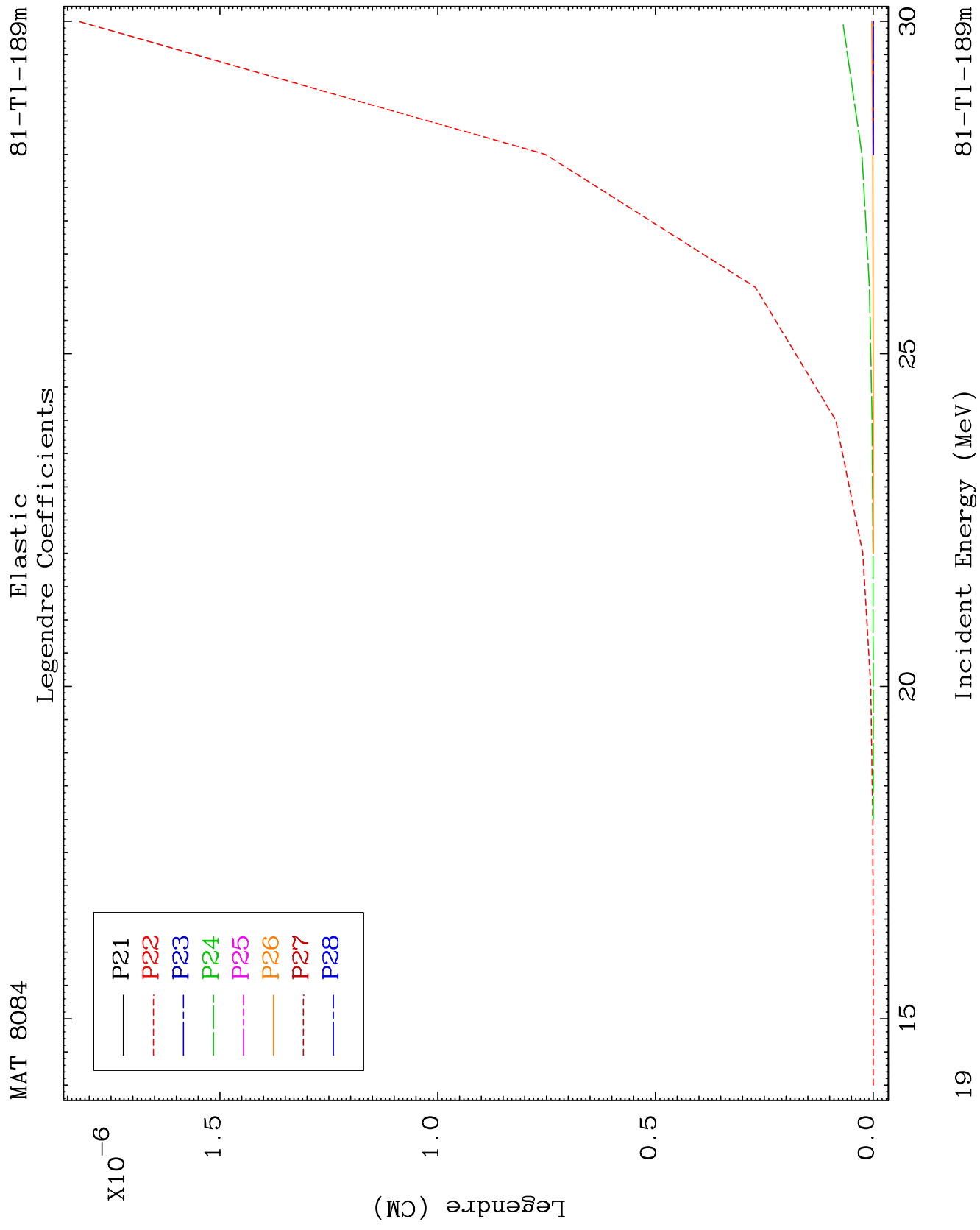
16

Incident Energy (MeV)

81-Tl-189m



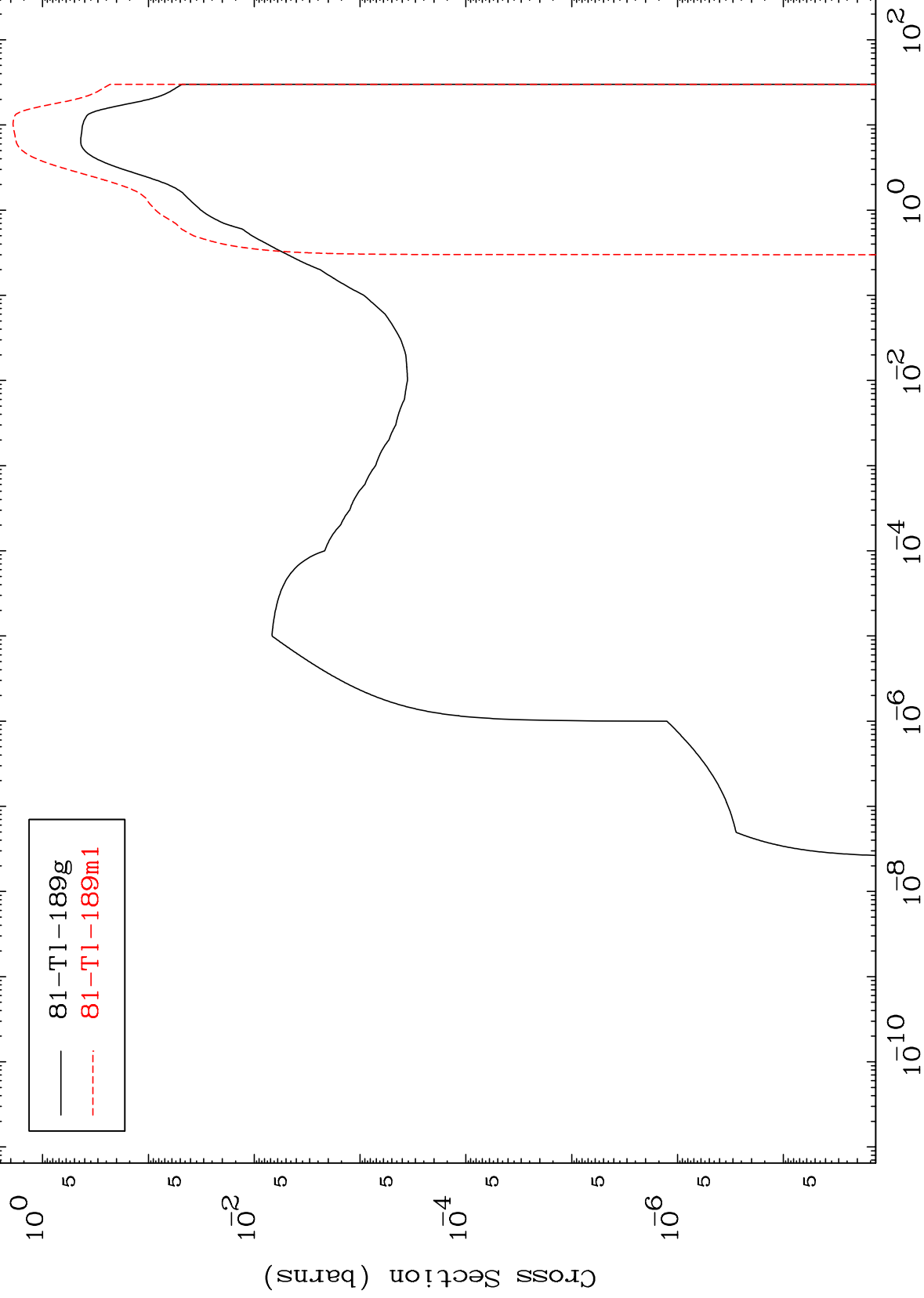




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81-Tl-189m

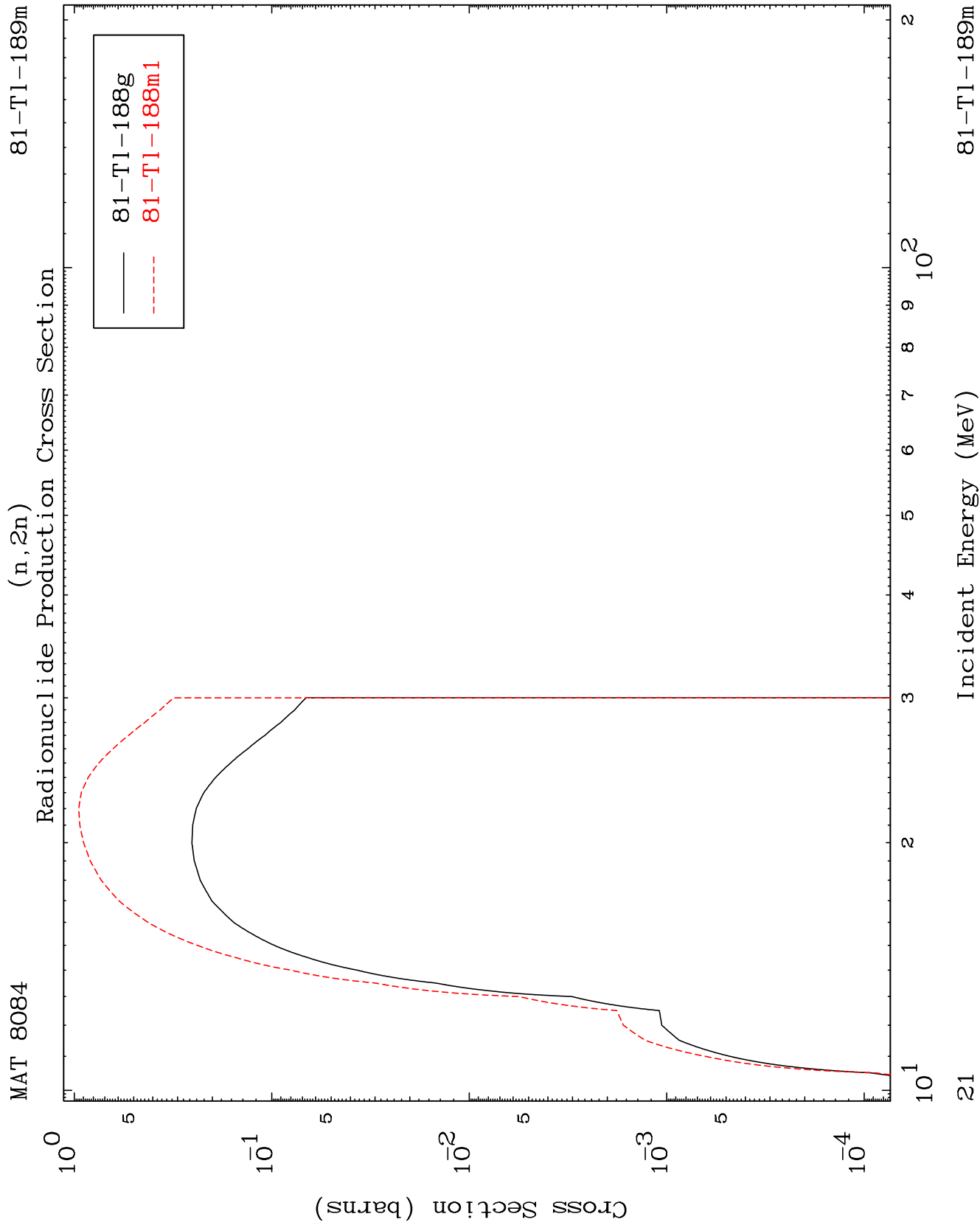
Inelastic
Radionuclide Production Cross Section



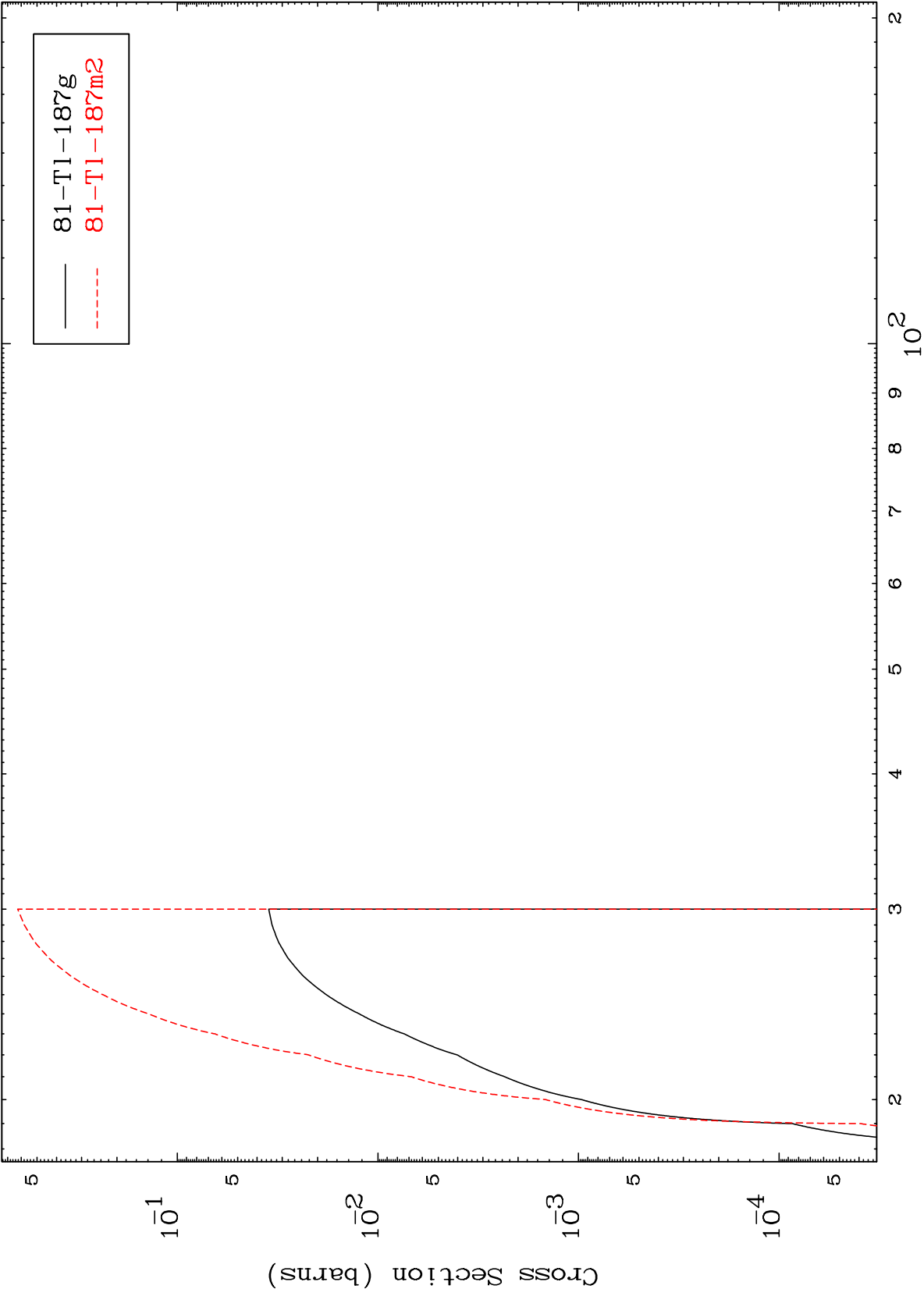
81-Tl-189m

Incident Energy (MeV)

20



Radionuclide Production Cross Section
(n,3n)

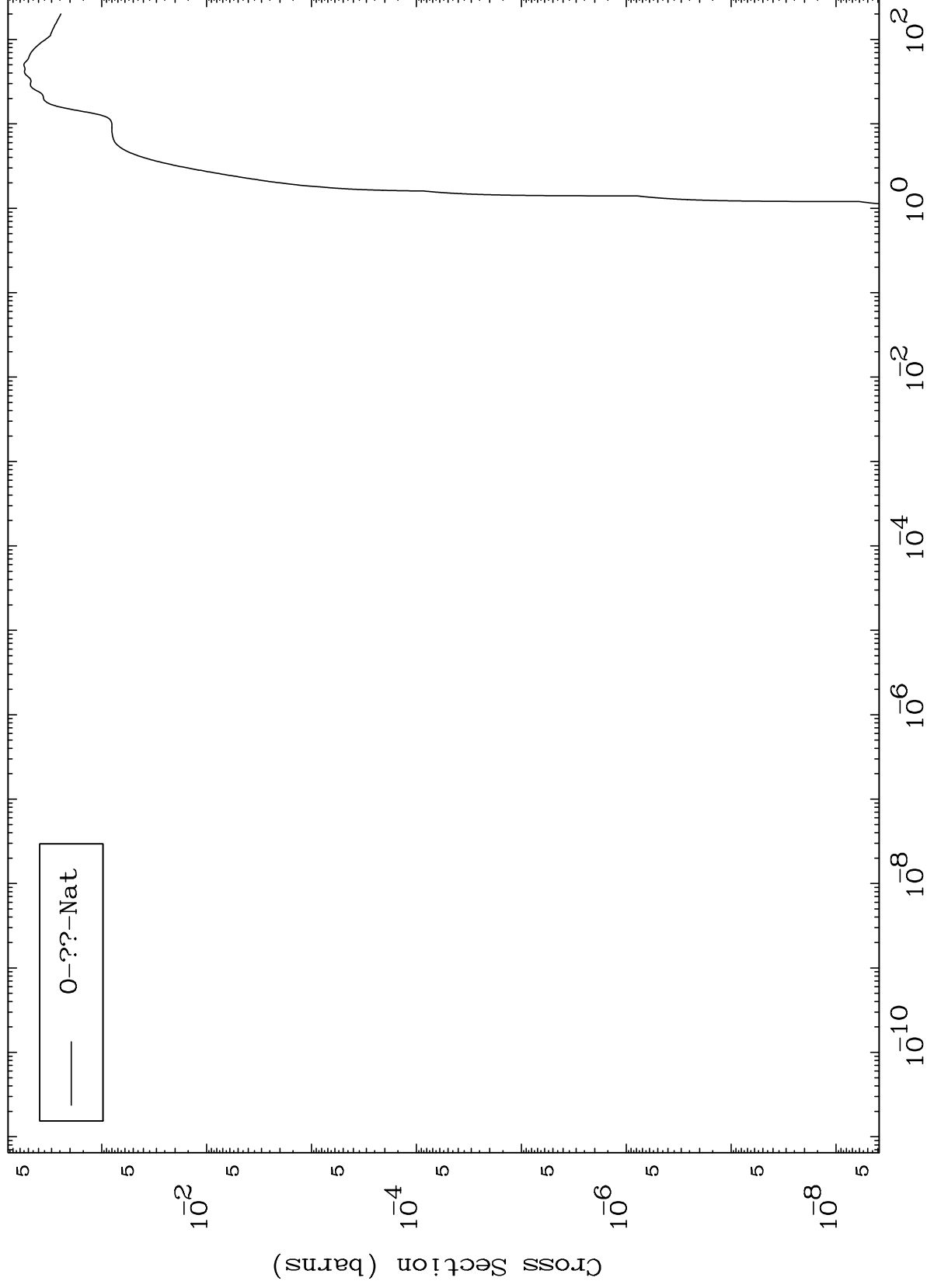


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Fission

81-Tl-189m

Radionuclide Production Cross Section



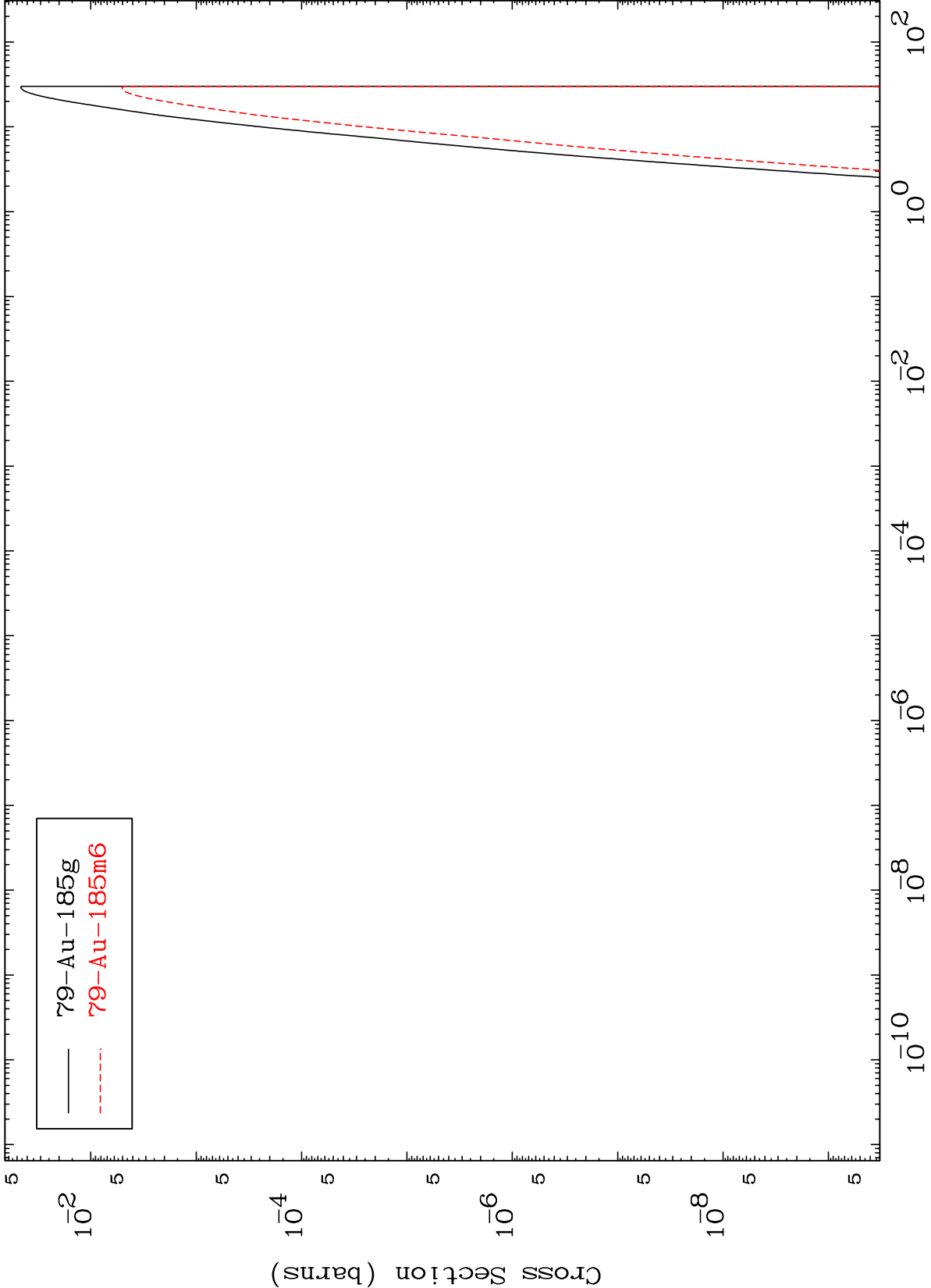
0-??-Nat

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$(n,n') \alpha$

81-Tl-189m

Radionuclide Production Cross Section

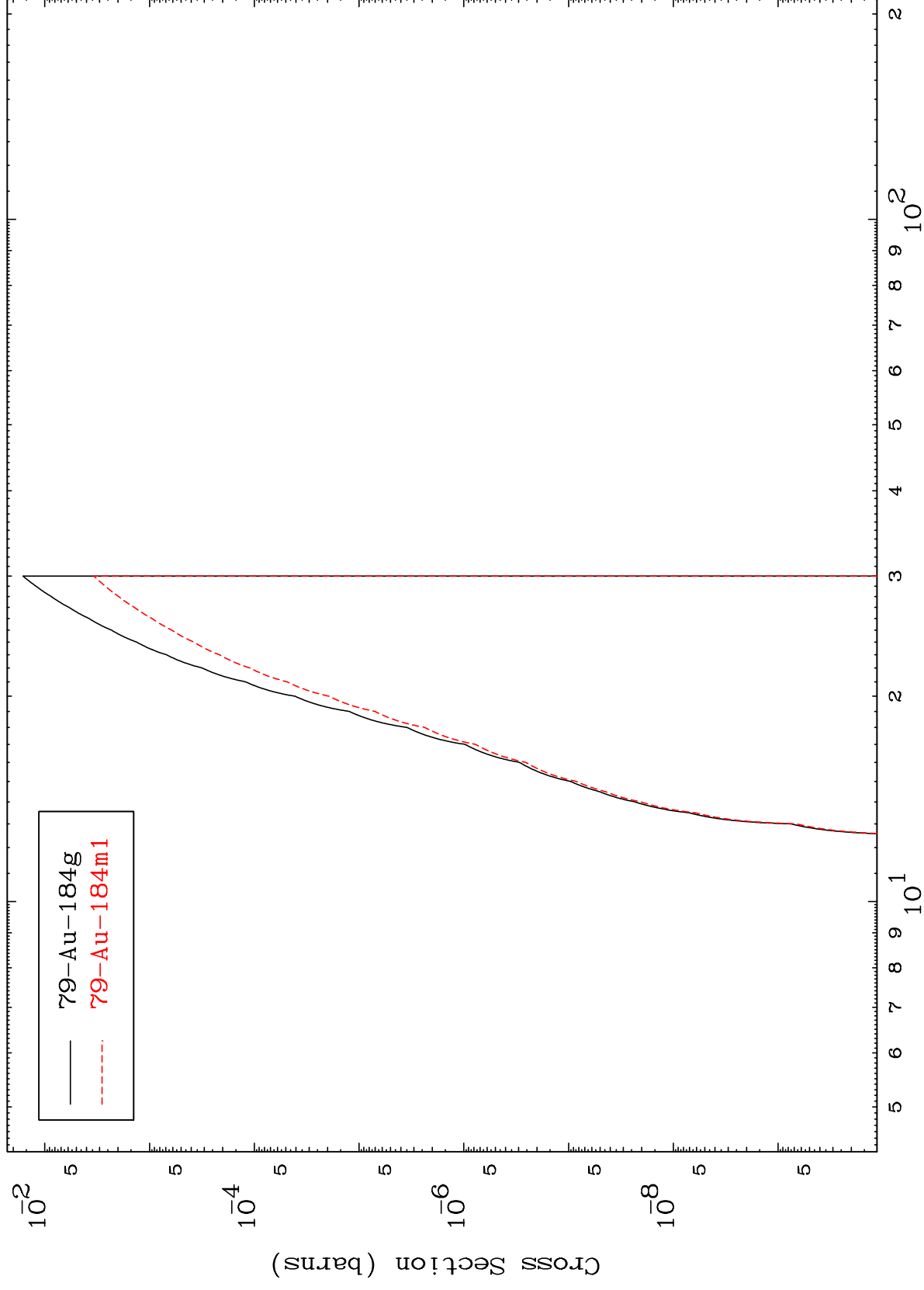


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81-T1-189m

$$(n, 2n) \propto$$

Radionuclide Production Cross Section



25

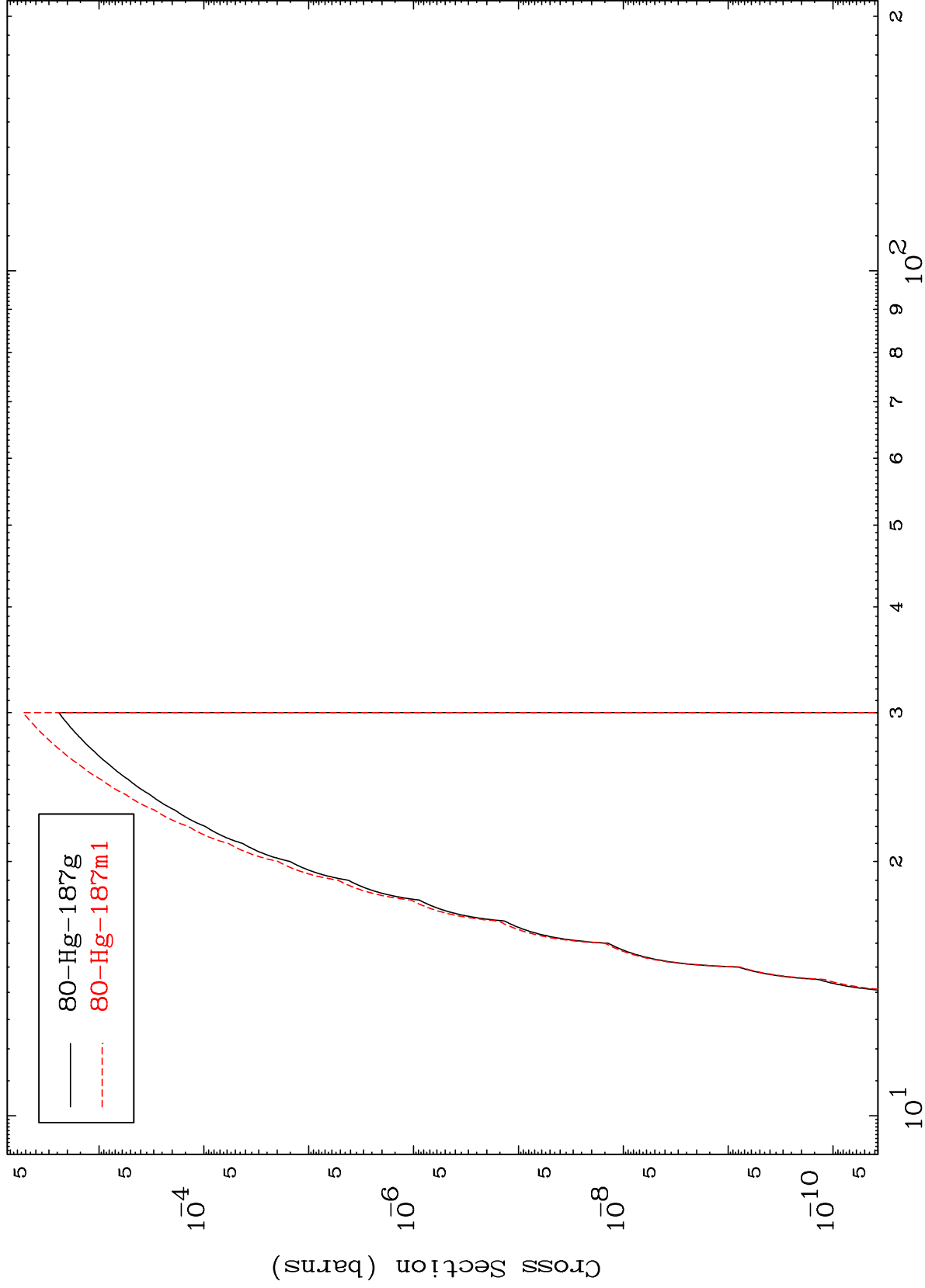
Incident Energy (MeV)

81-T1-189m

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81-Tl-189m

(n,n') d
Radionuclide Production Cross Section



81-Tl-189m

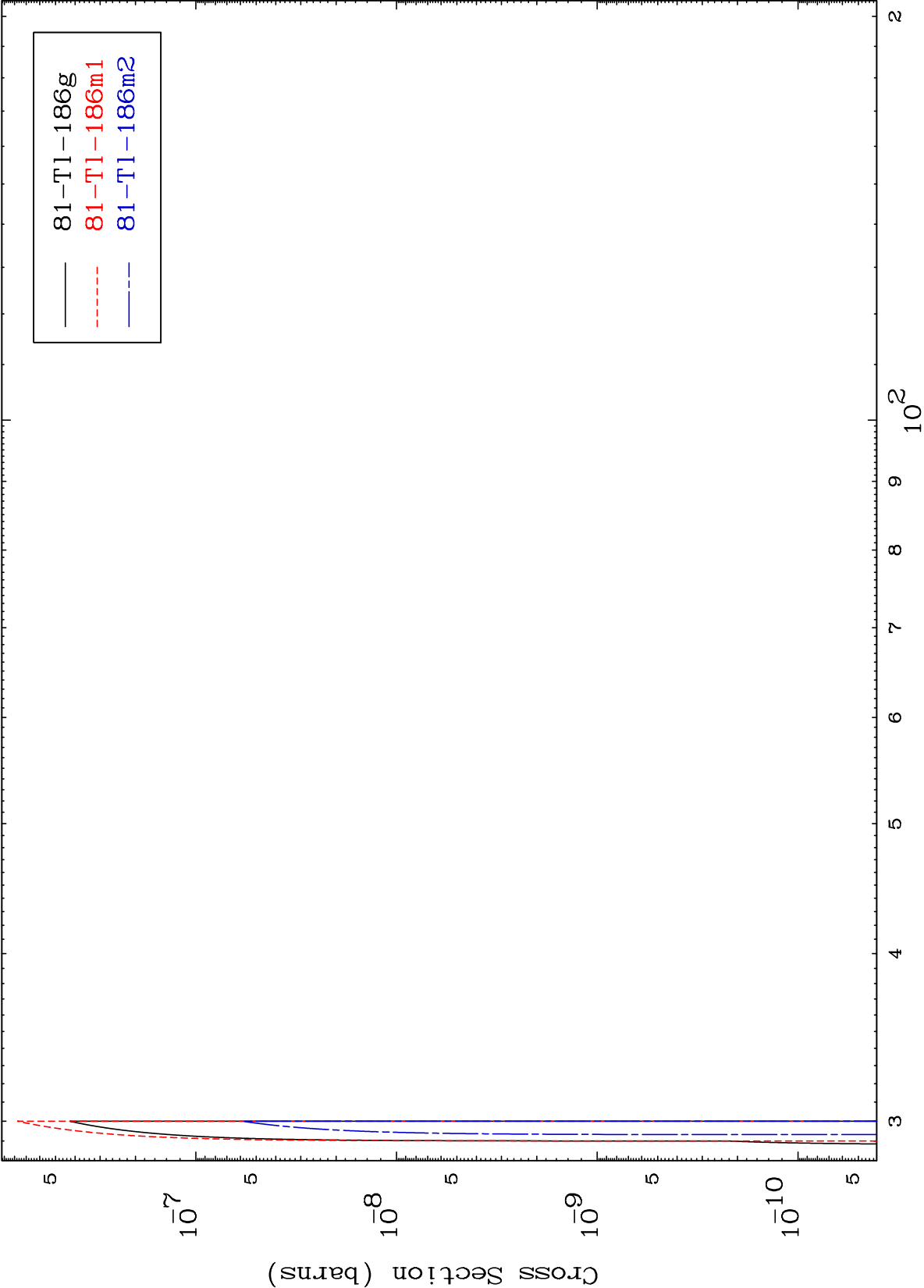
Incident Energy (MeV)

26

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81-Tl-189m

$(n,4n)$
Radionuclide Production Cross Section

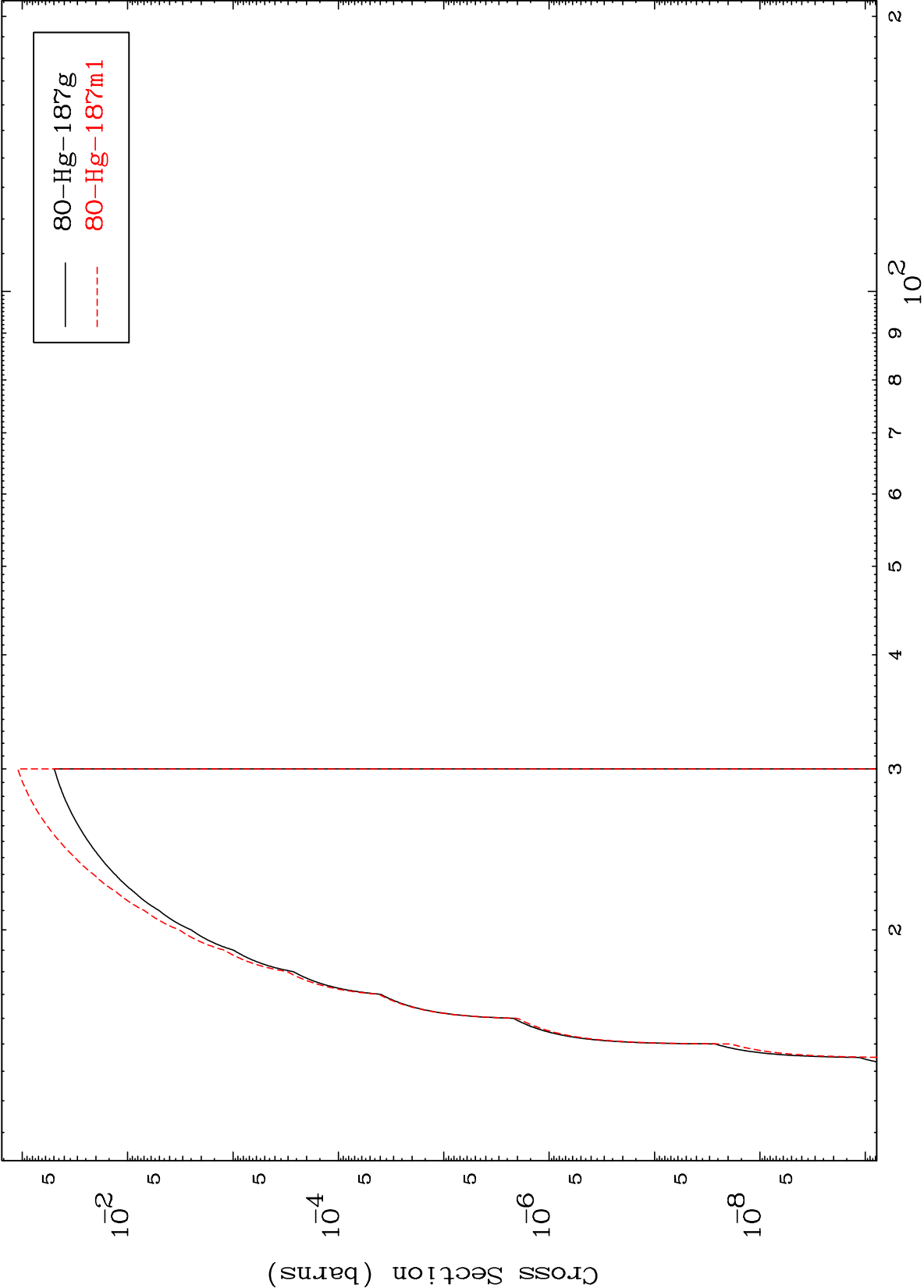


81-Tl-189m

Incident Energy (MeV)

27

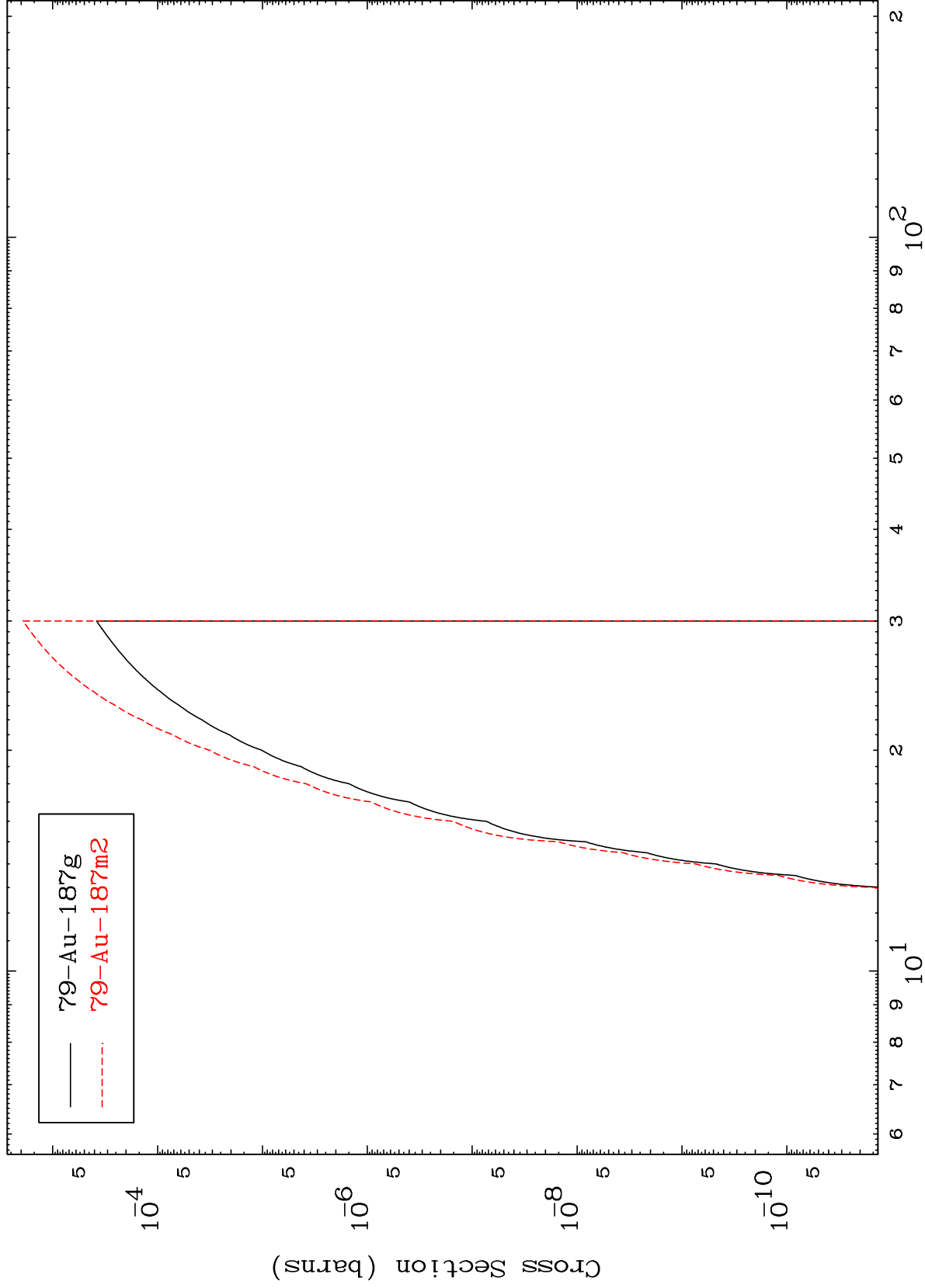
Radionuclide Production Cross Section



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81-Tl-189m

(n,2n) p
Radionuclide Production Cross Section



29

Incident Energy (MeV)

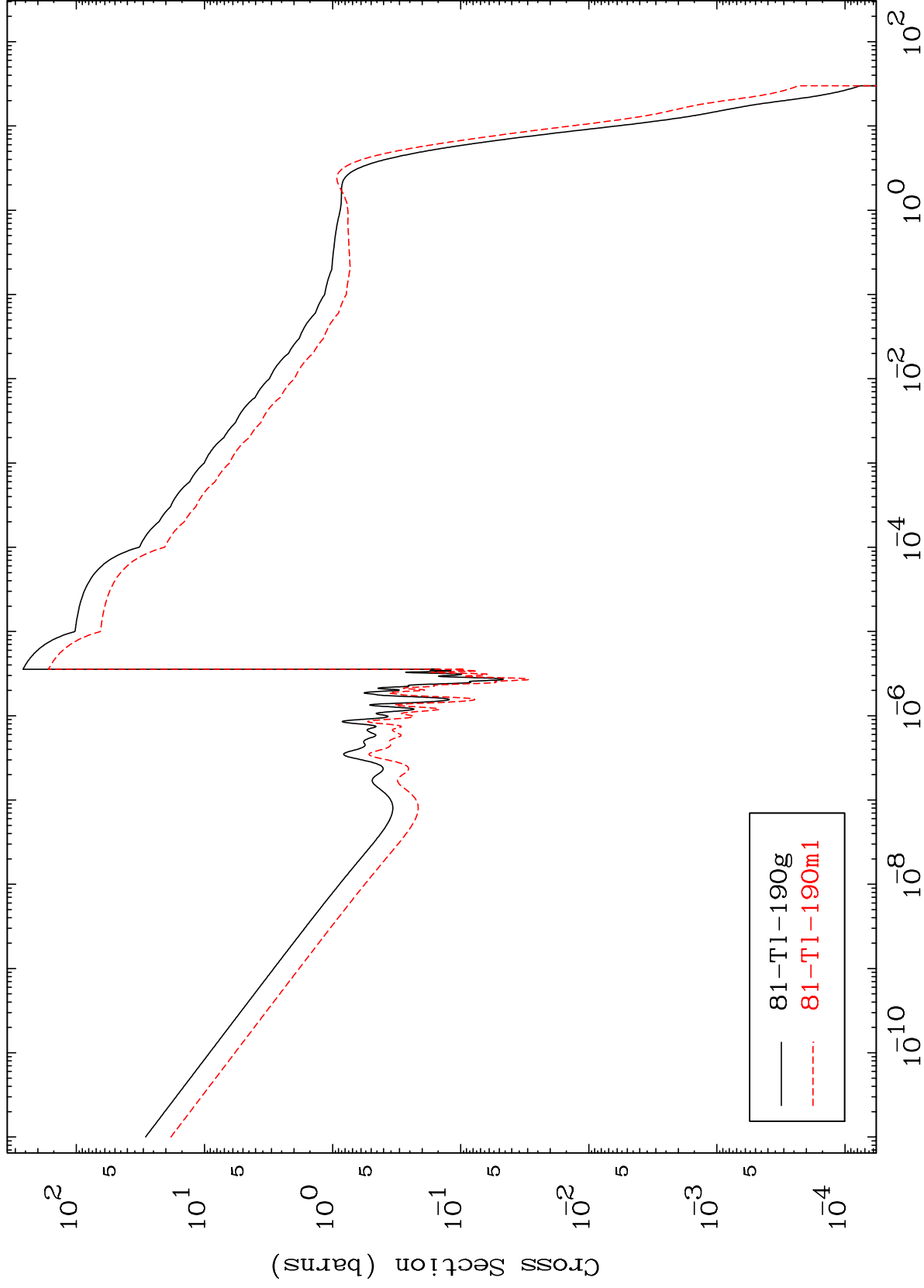
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81-Tl-189m

Radionuclide Production Cross Section

(n, γ)



81-Tl-190g
81-Tl-190m1

81-Tl-189m

Incident Energy (MeV)

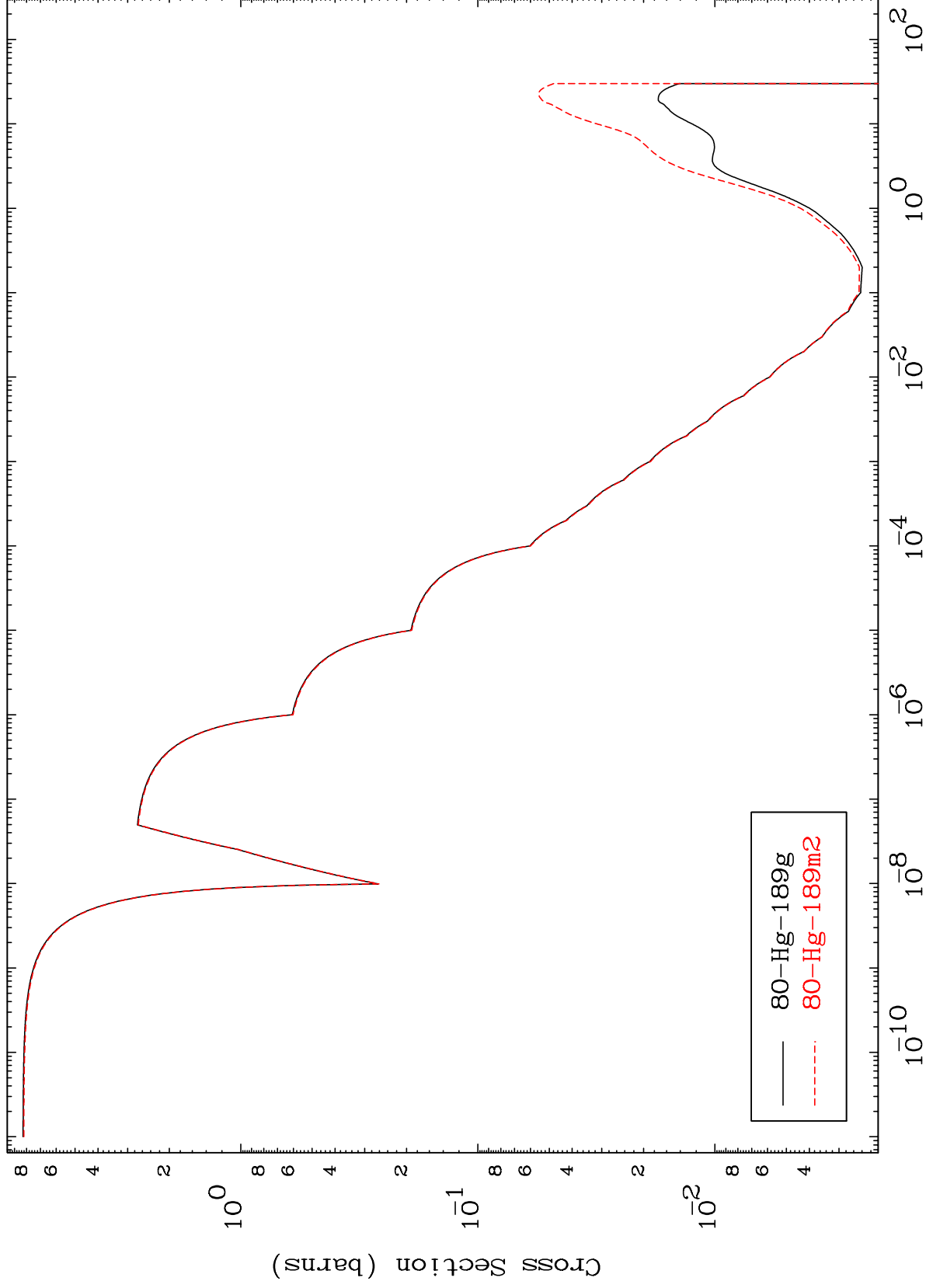
30

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81-Tl-189m

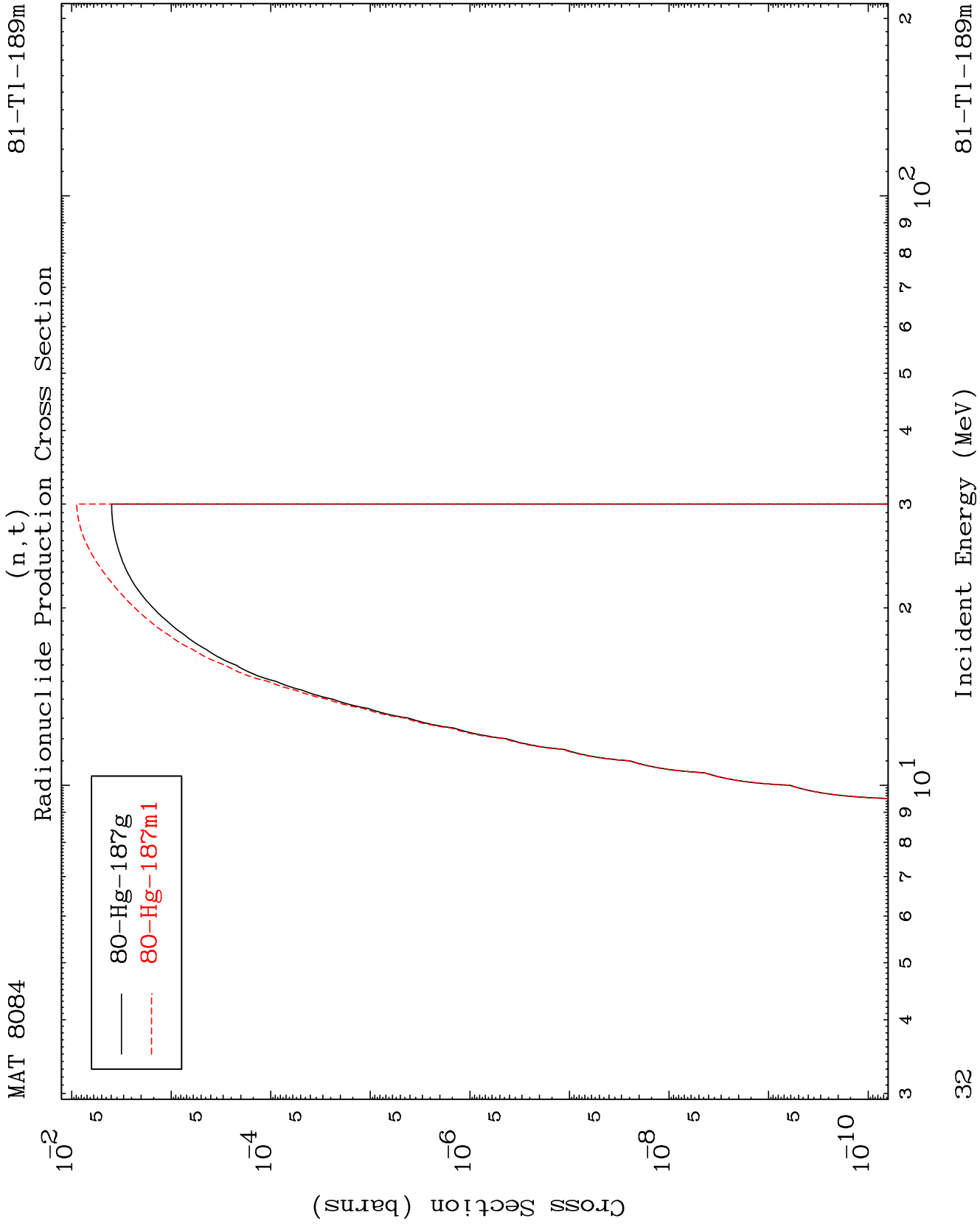
Radionuclide Production Cross Section

(n,p)



31

81-Tl-189m

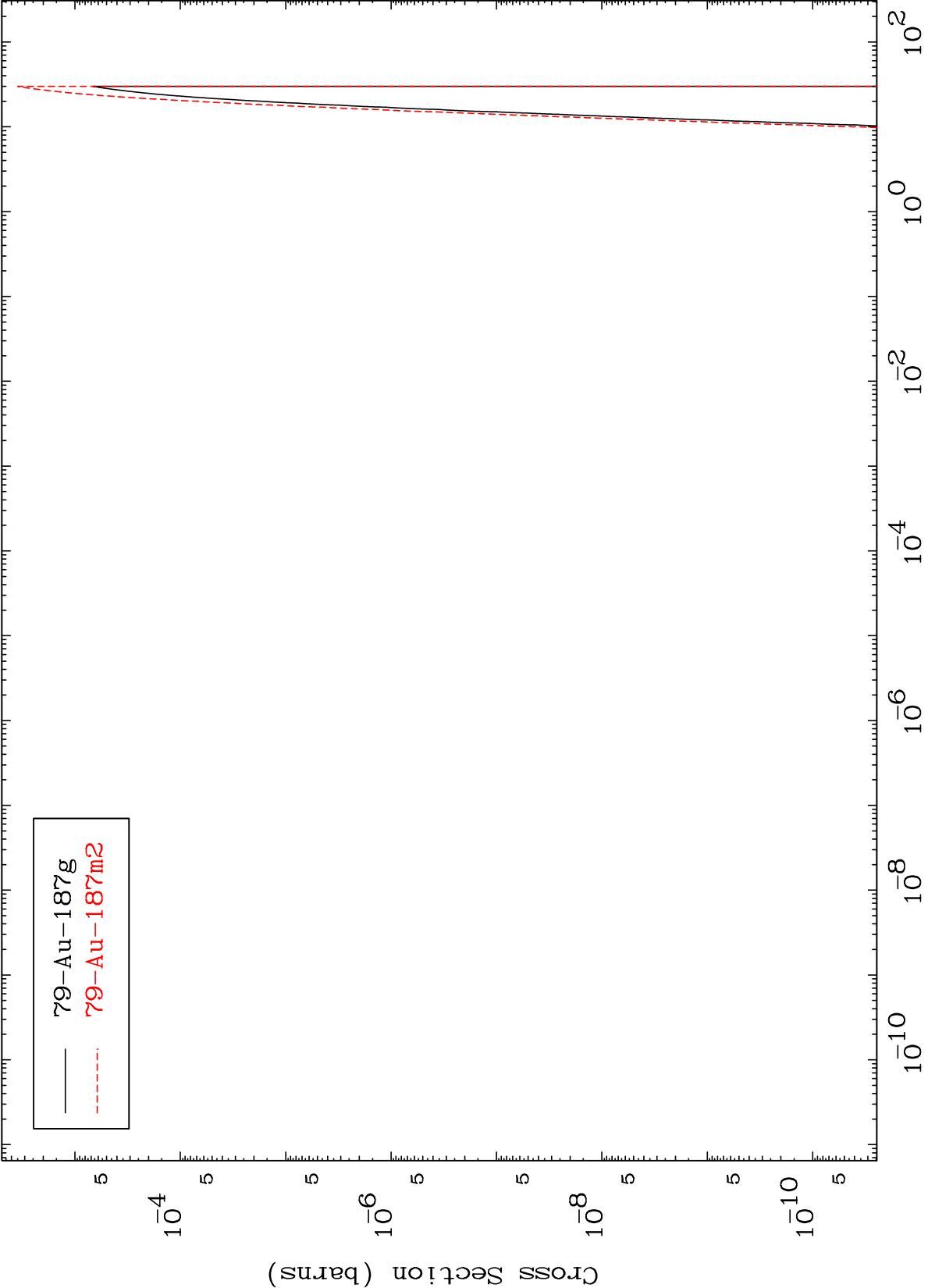


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(n,He-3)

81-Tl-189m

Radionuclide Production Cross Section

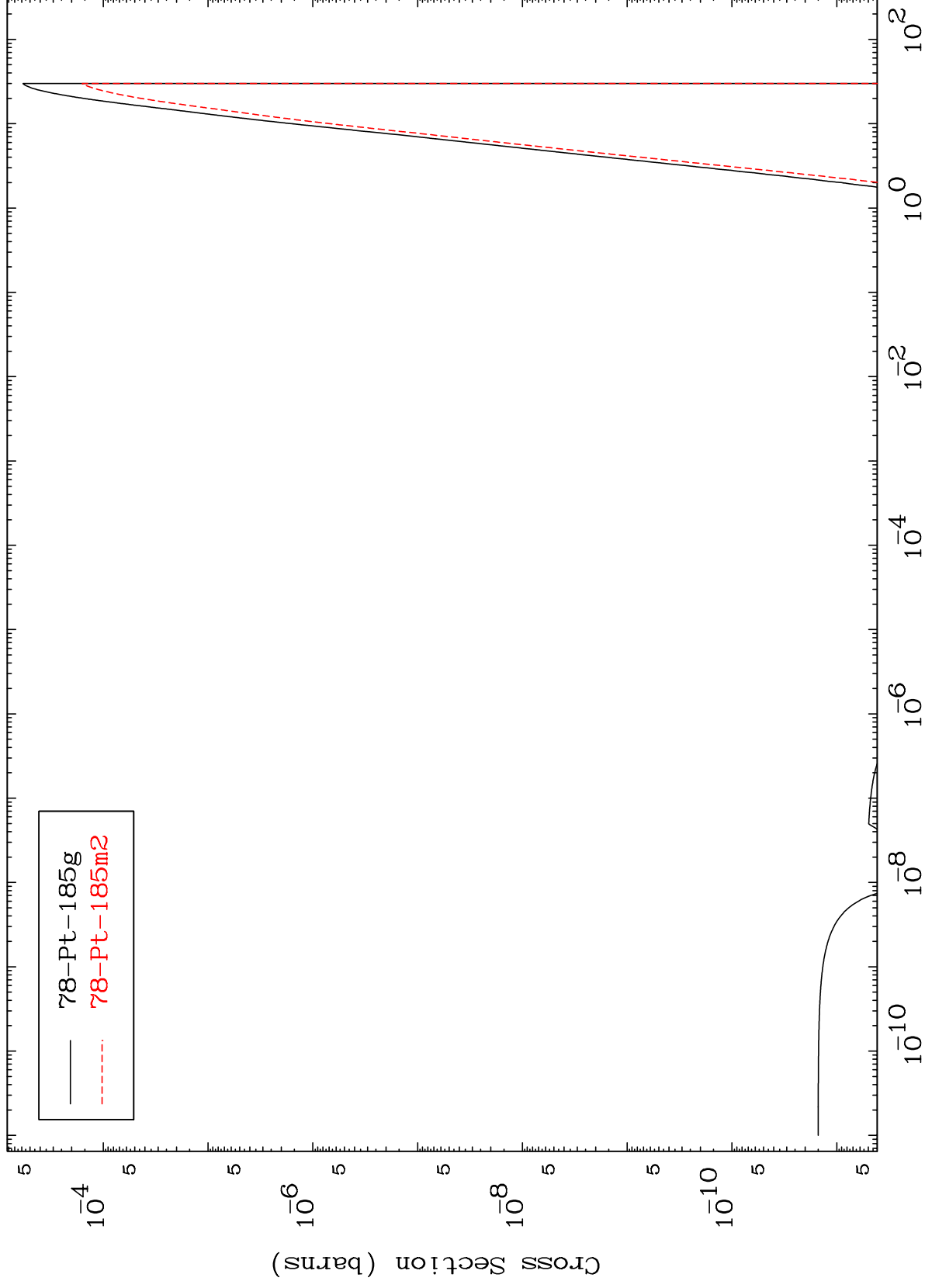


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(n,p) α

81-Tl-189m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

81-Tl-189m

