

Program EVALPLOT
(Version 2021-1)

by

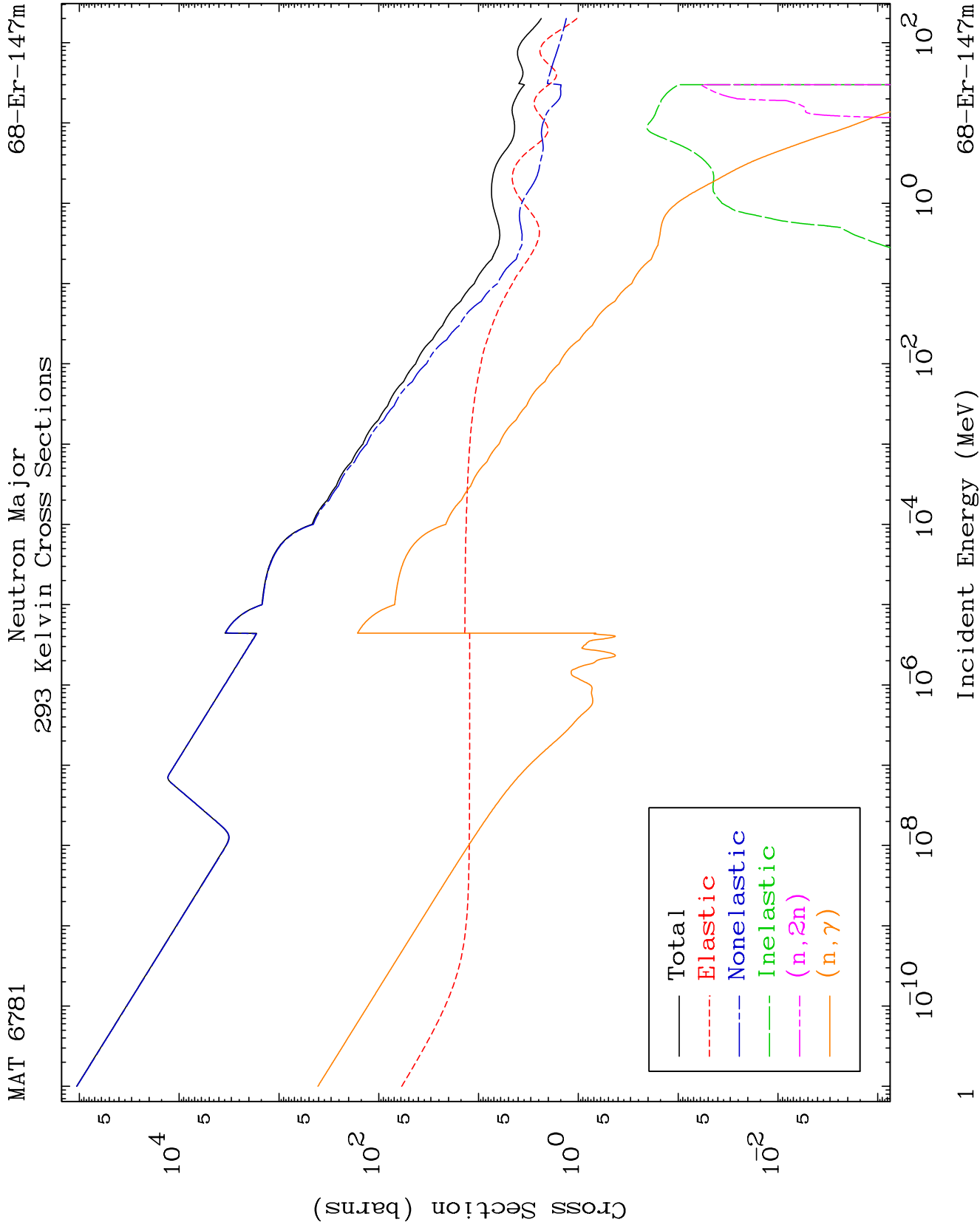
Dermott E. Cullen
(Present Contact Information)

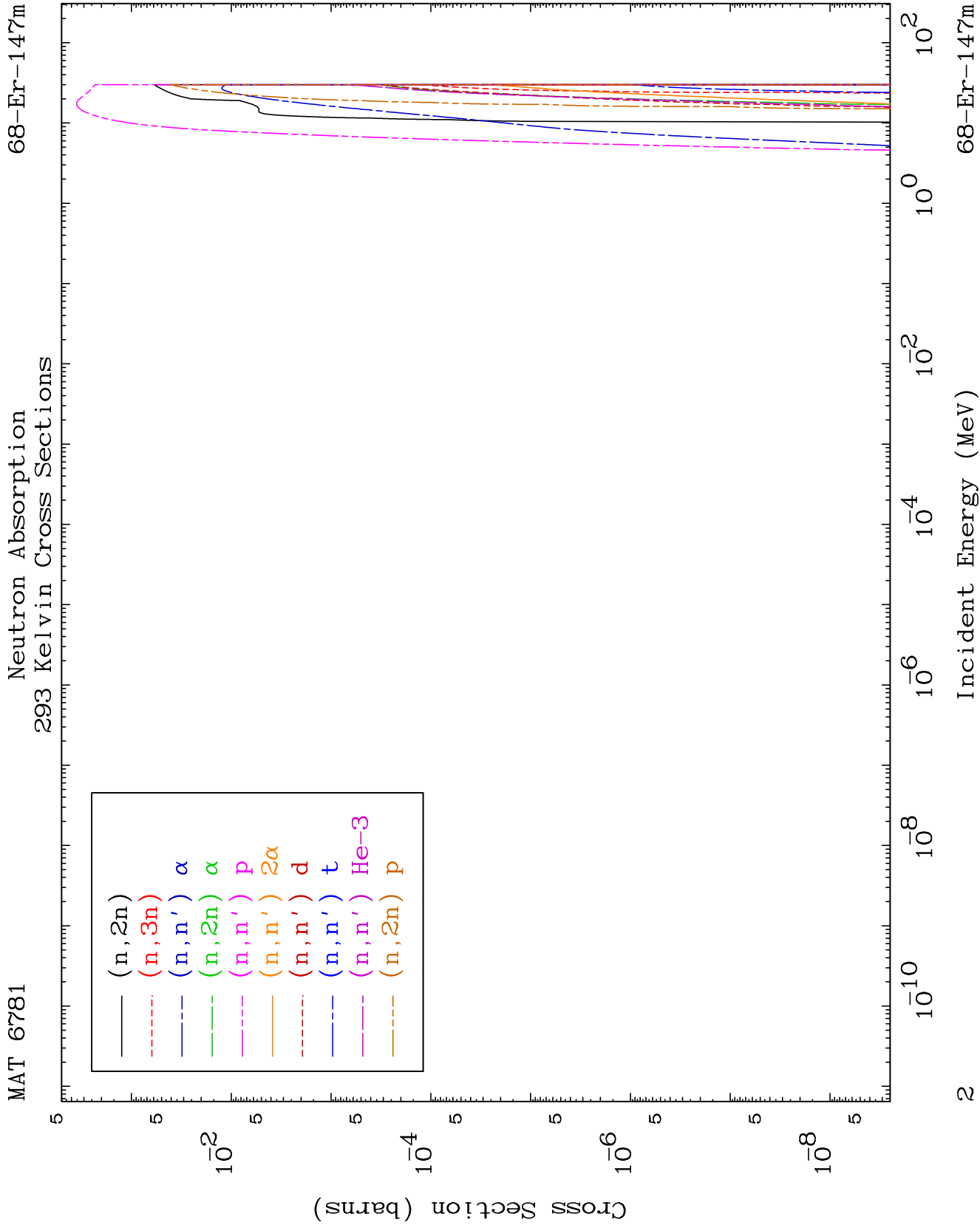
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

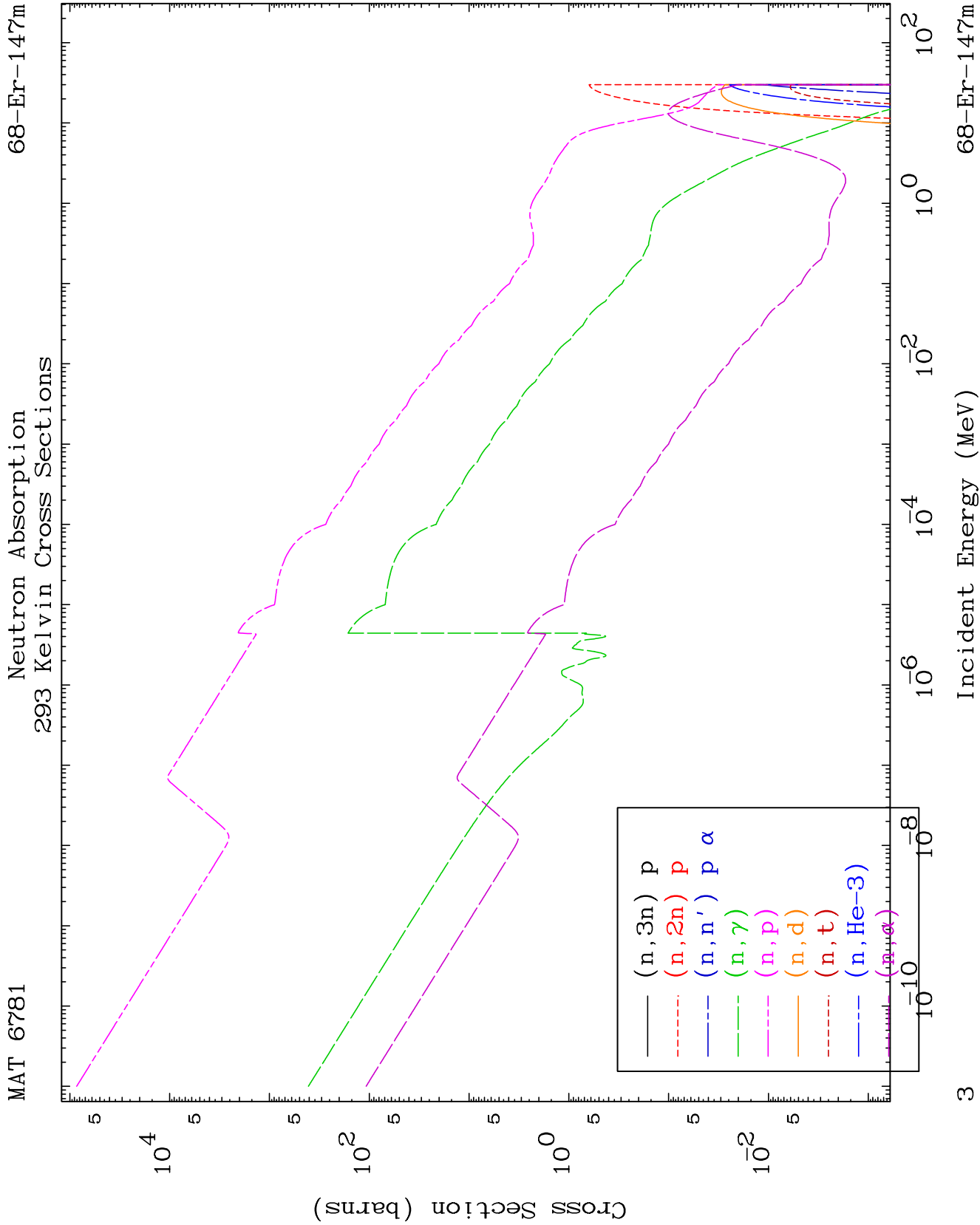
Tele: 925-443-1911

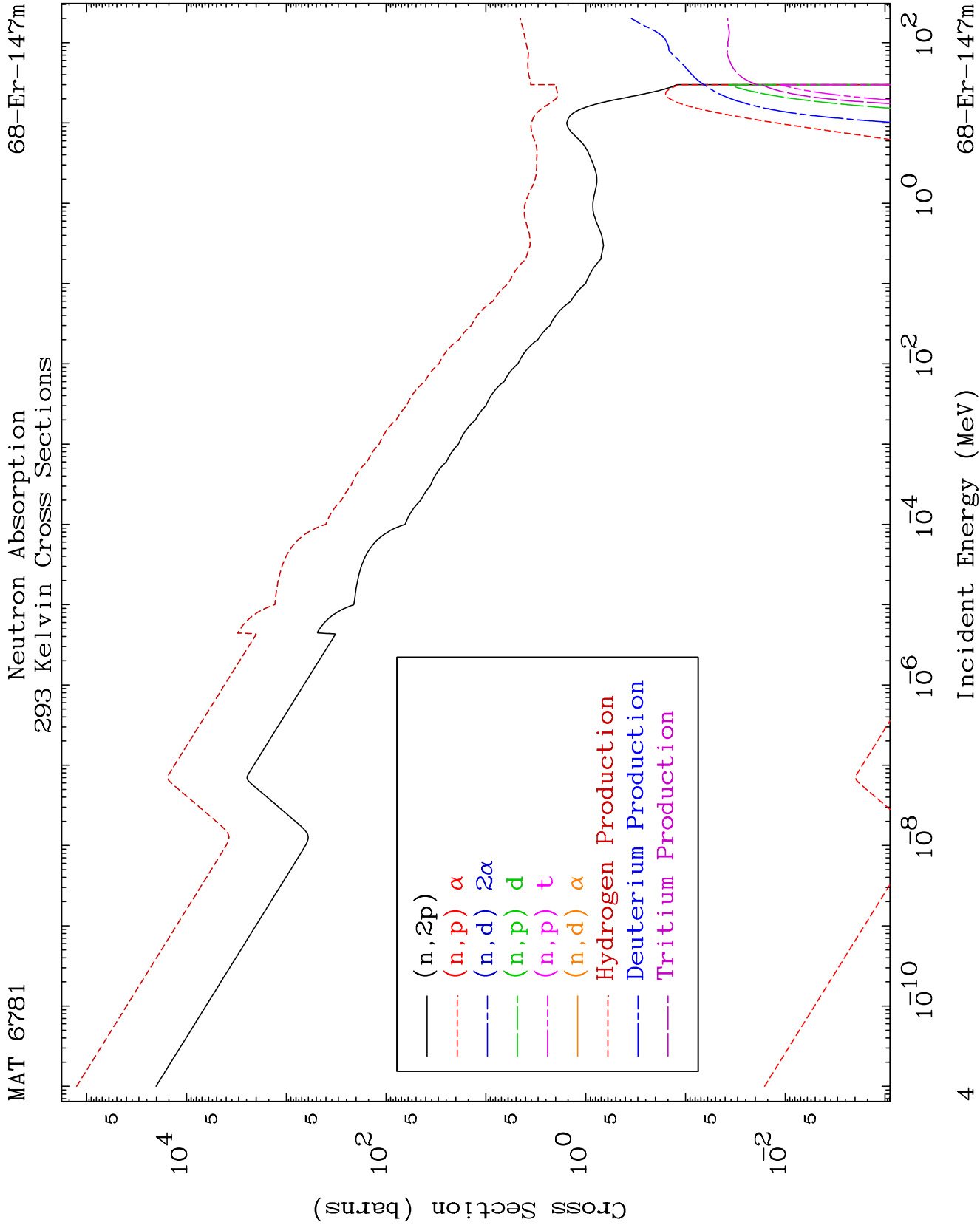
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

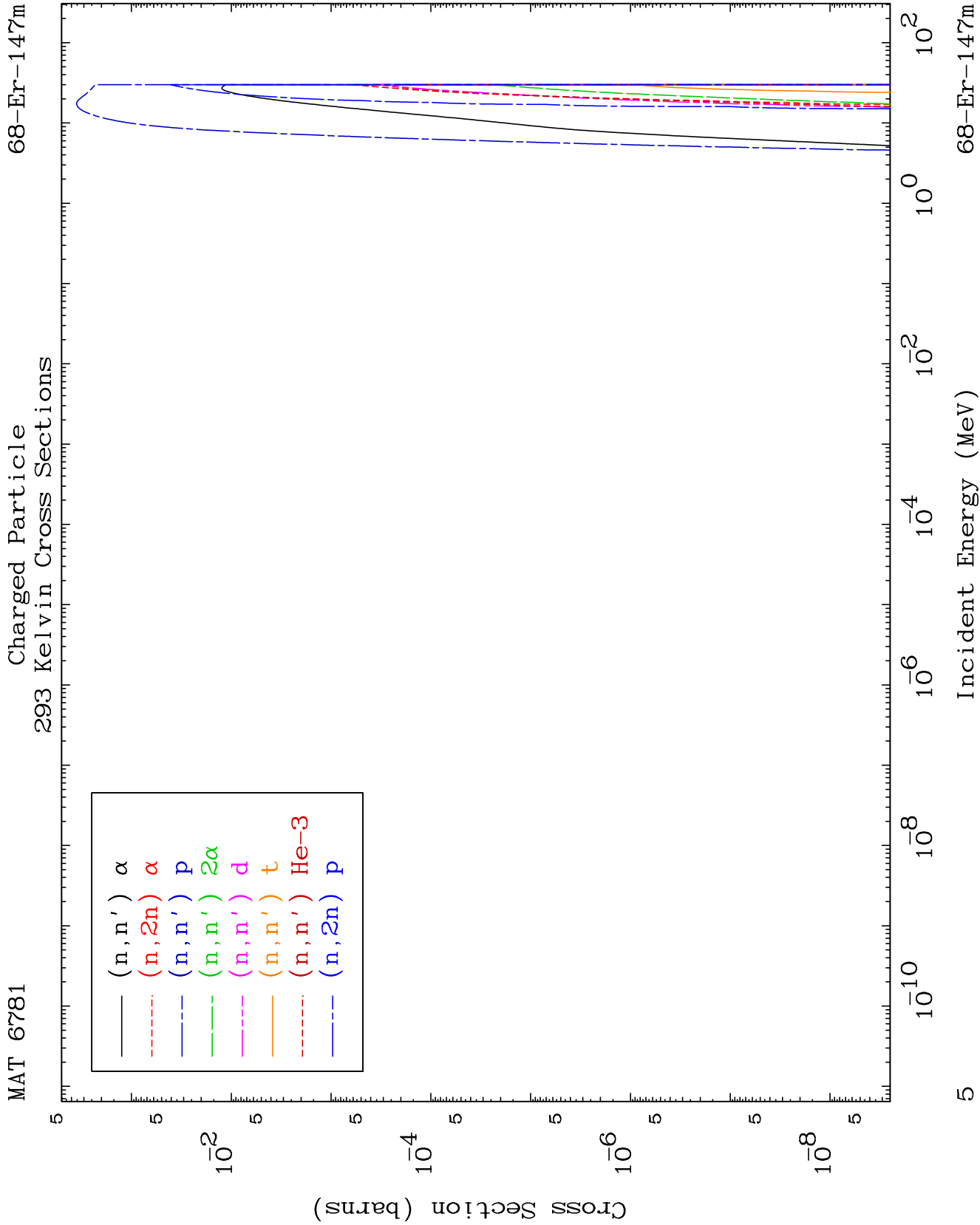
Press Mouse Button to Start

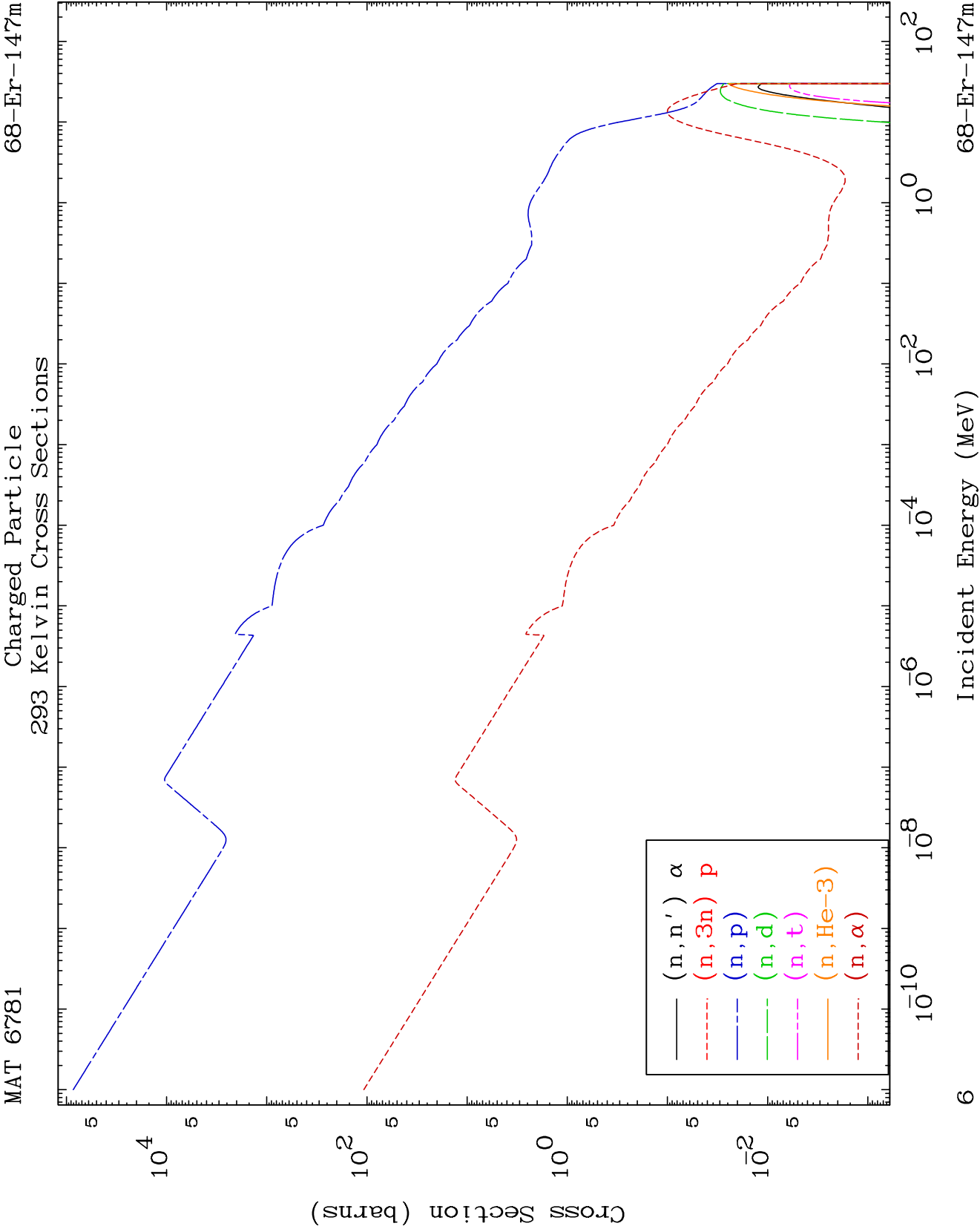


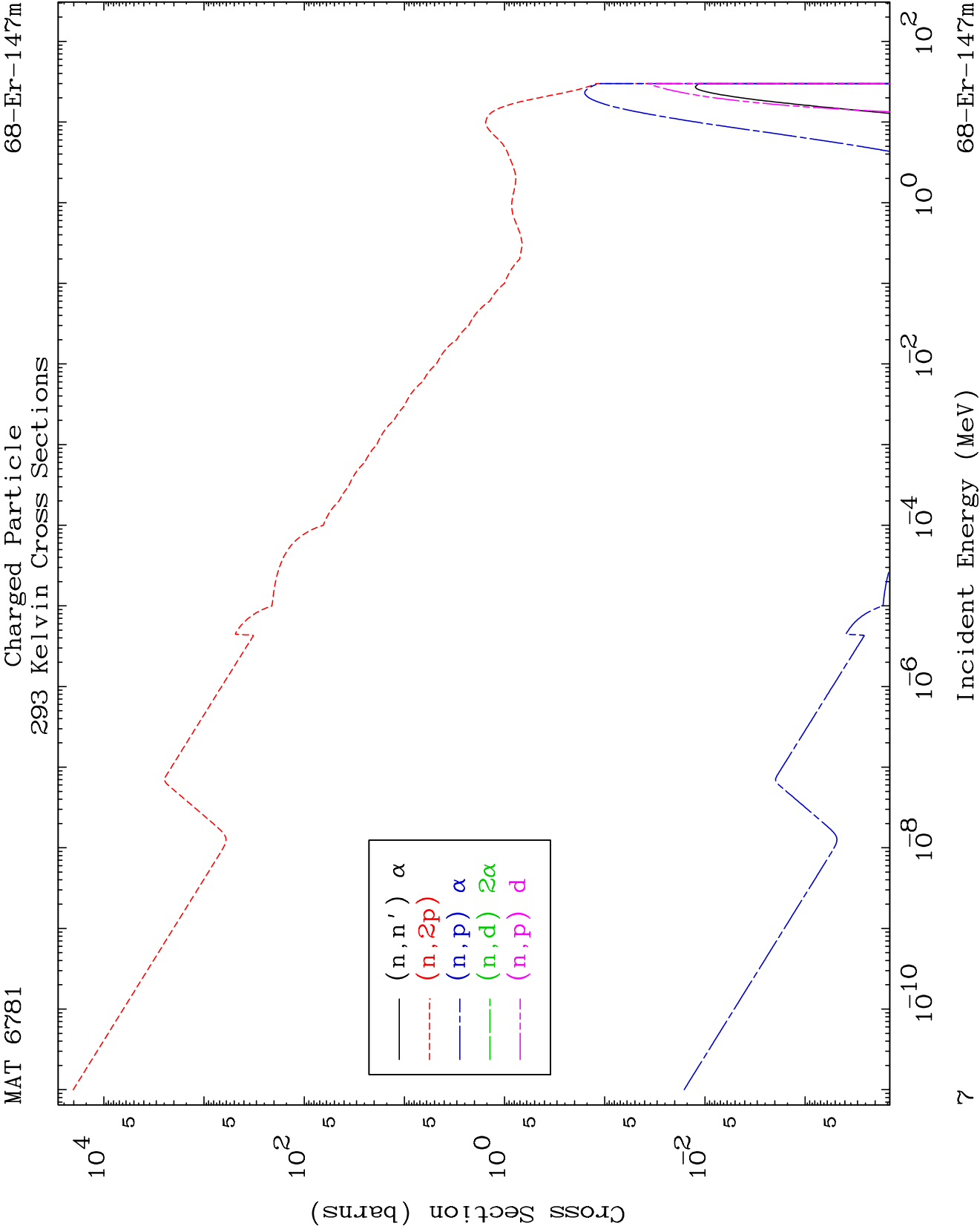








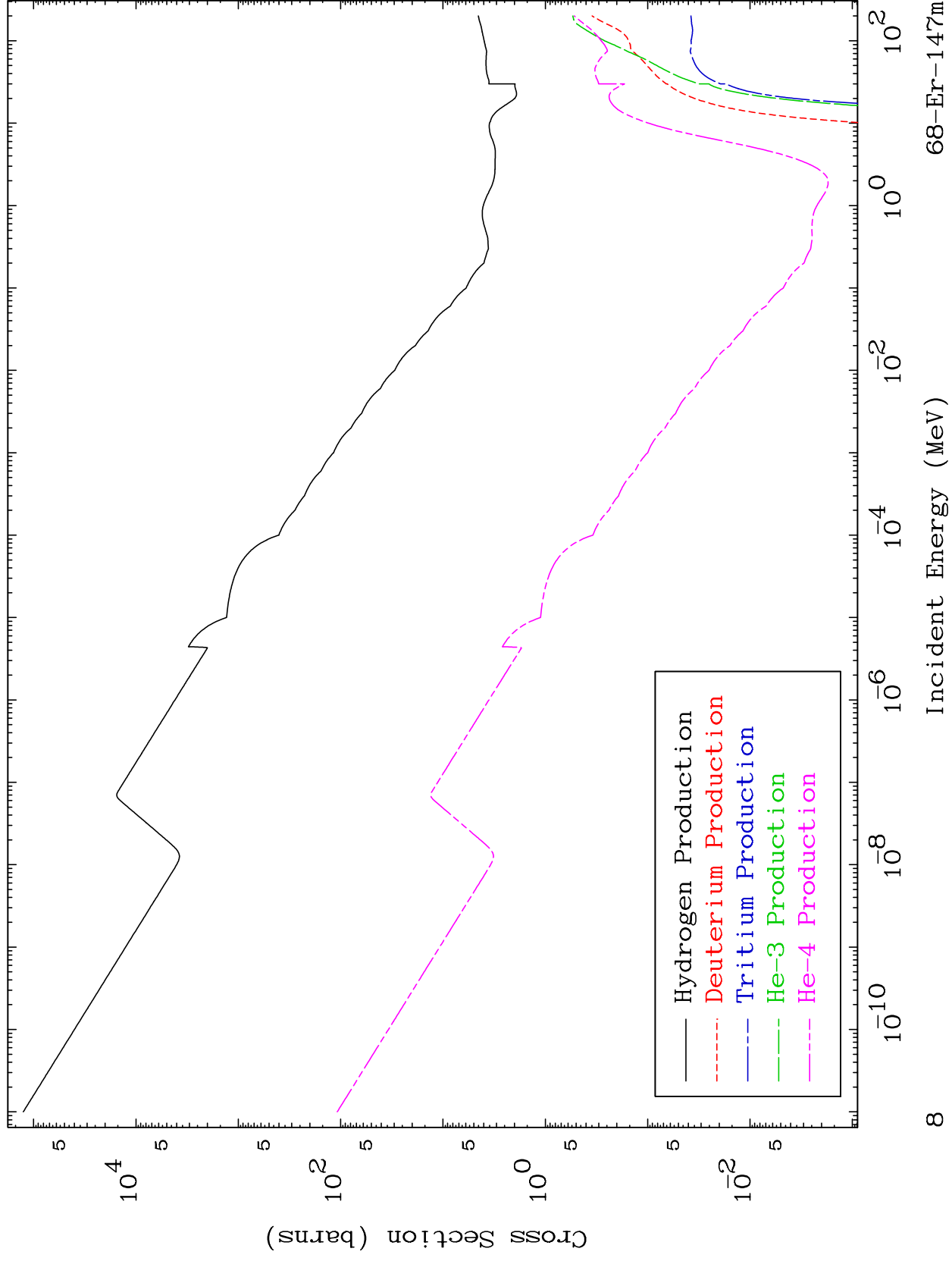




MAT 6781

Particle Production
293 Kelvin Cross Sections

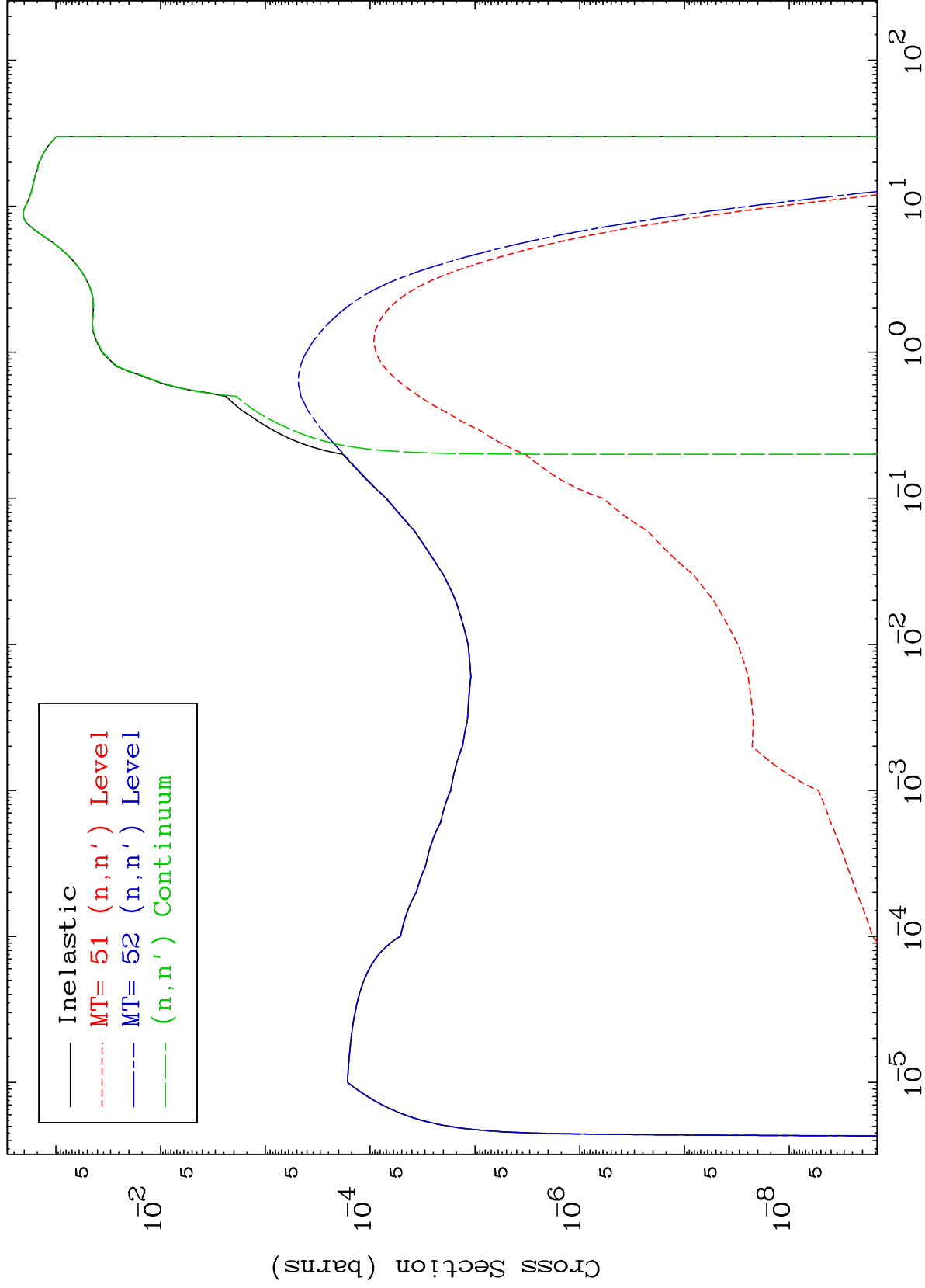
68-Er-147m

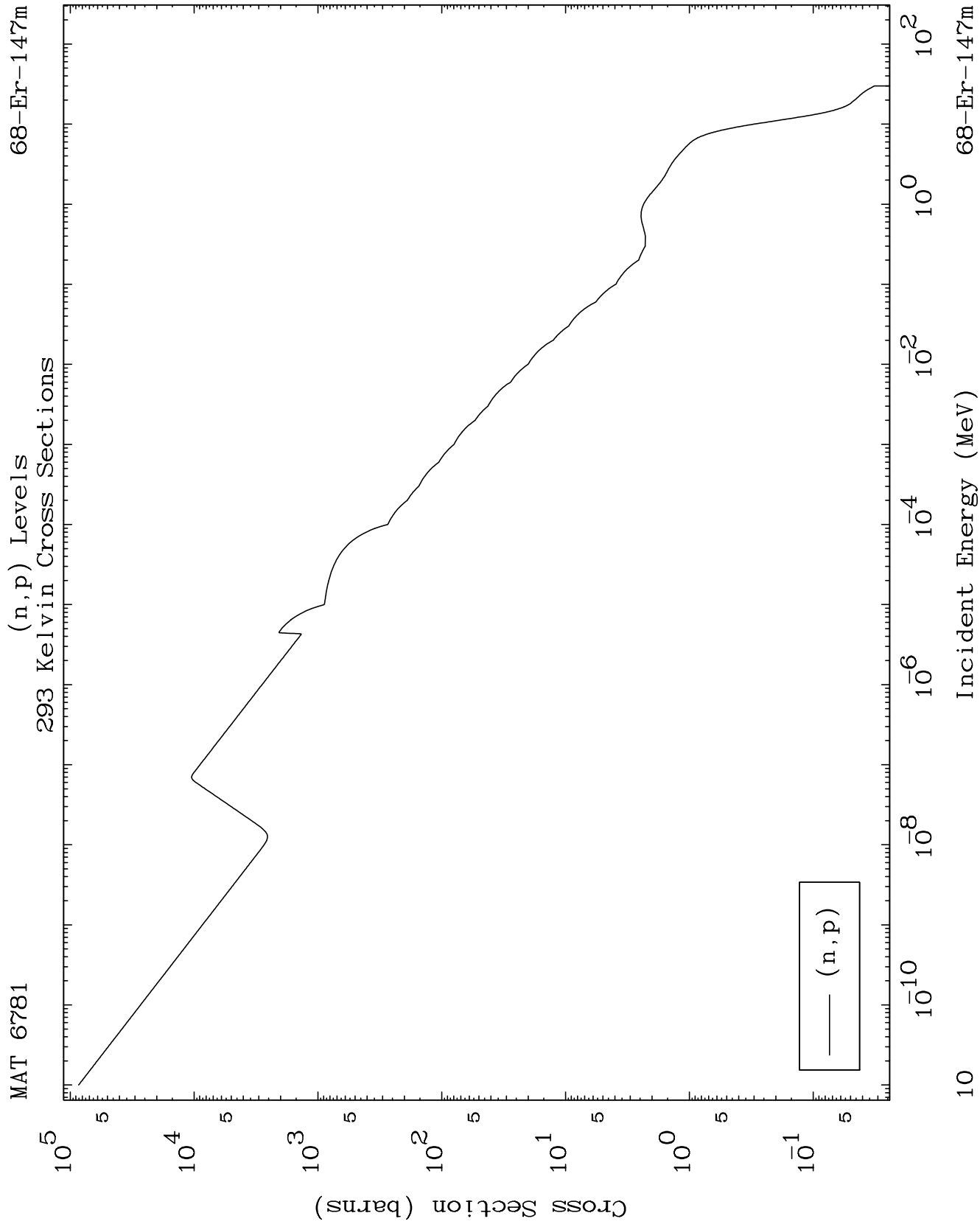


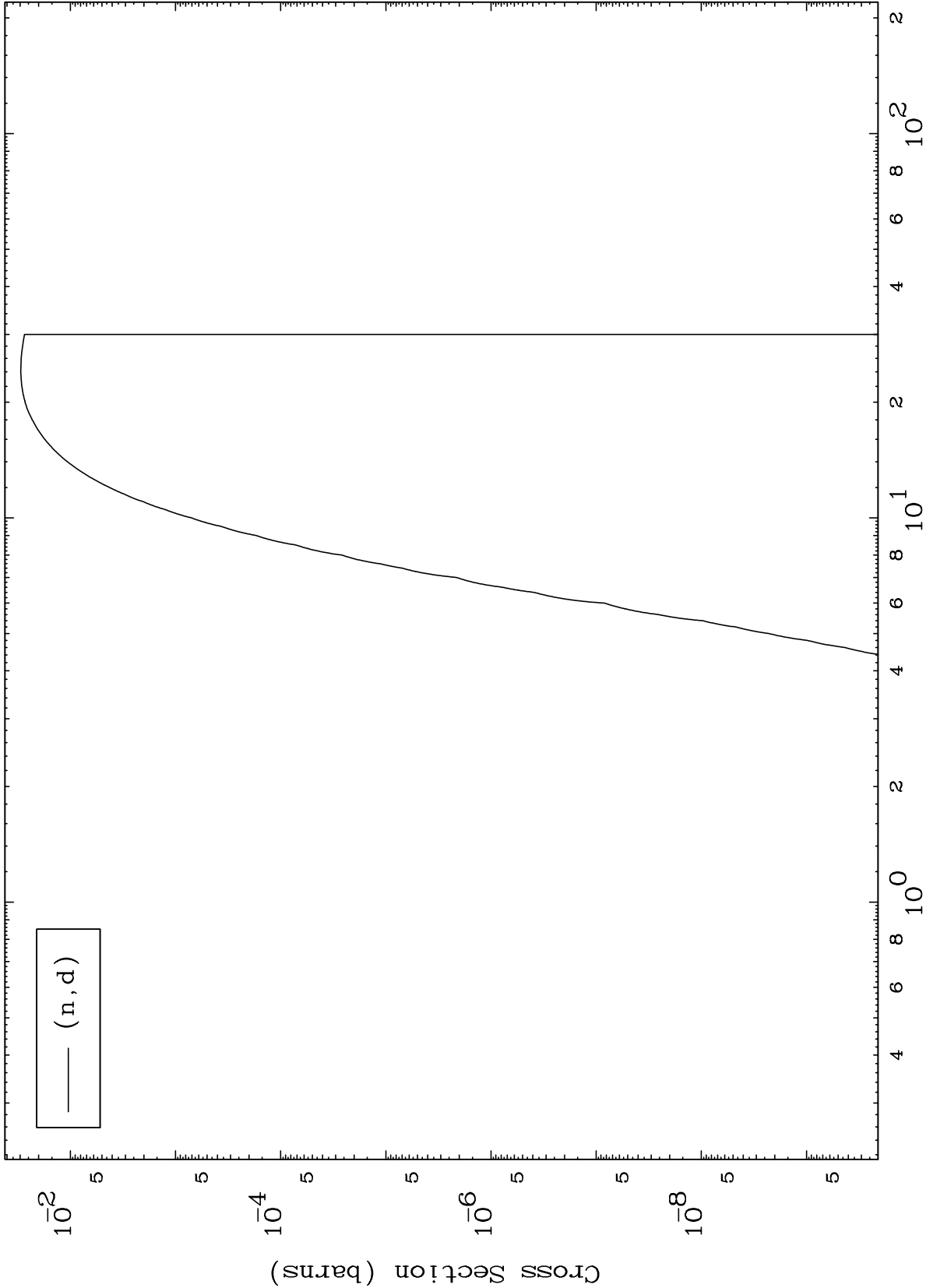
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293 Kelvin Cross Sections
(n,n') Levels

68-Er-147m



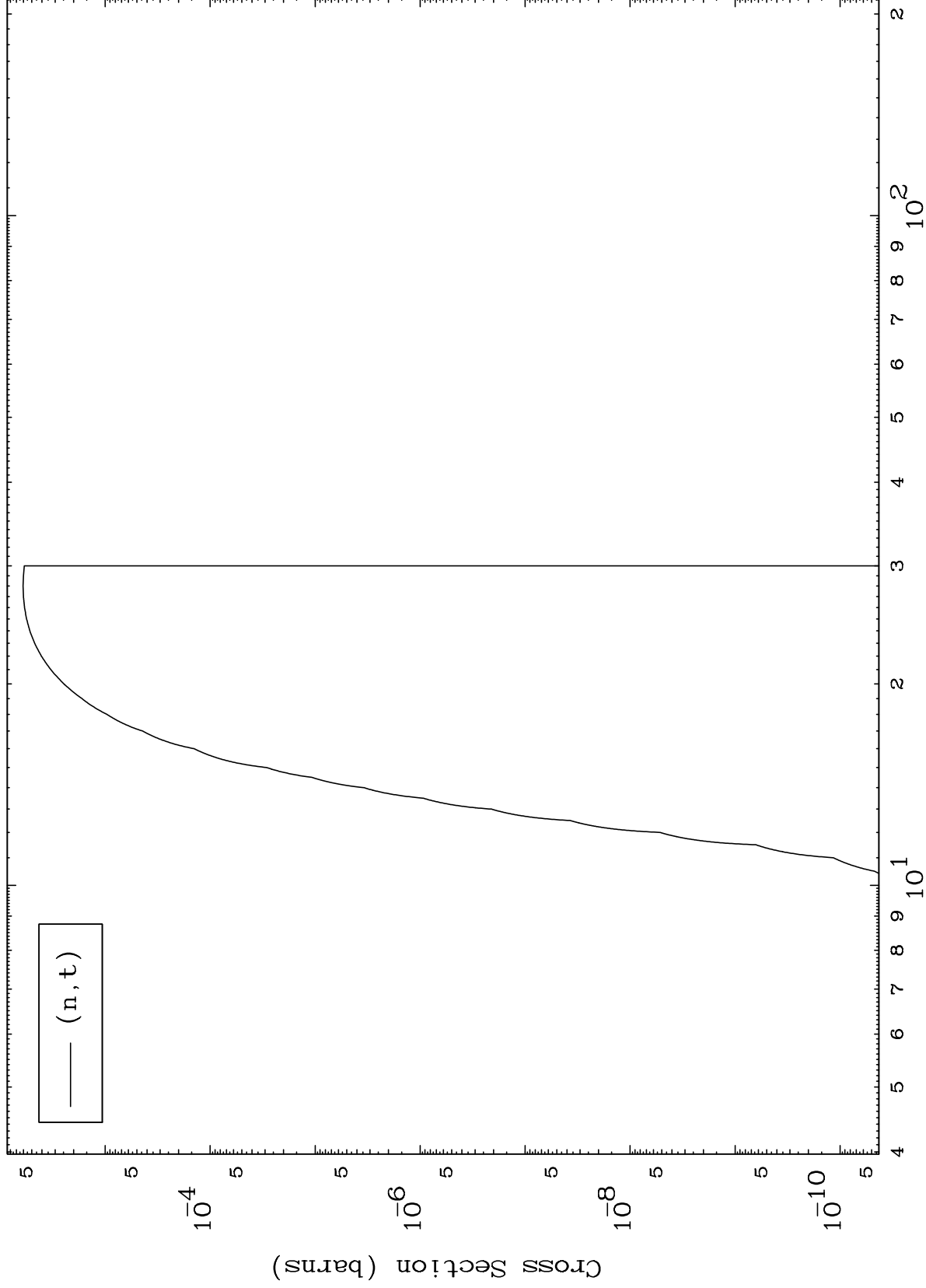




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(n,t) Levels
293 Kelvin Cross Sections

68-Er-147m



12

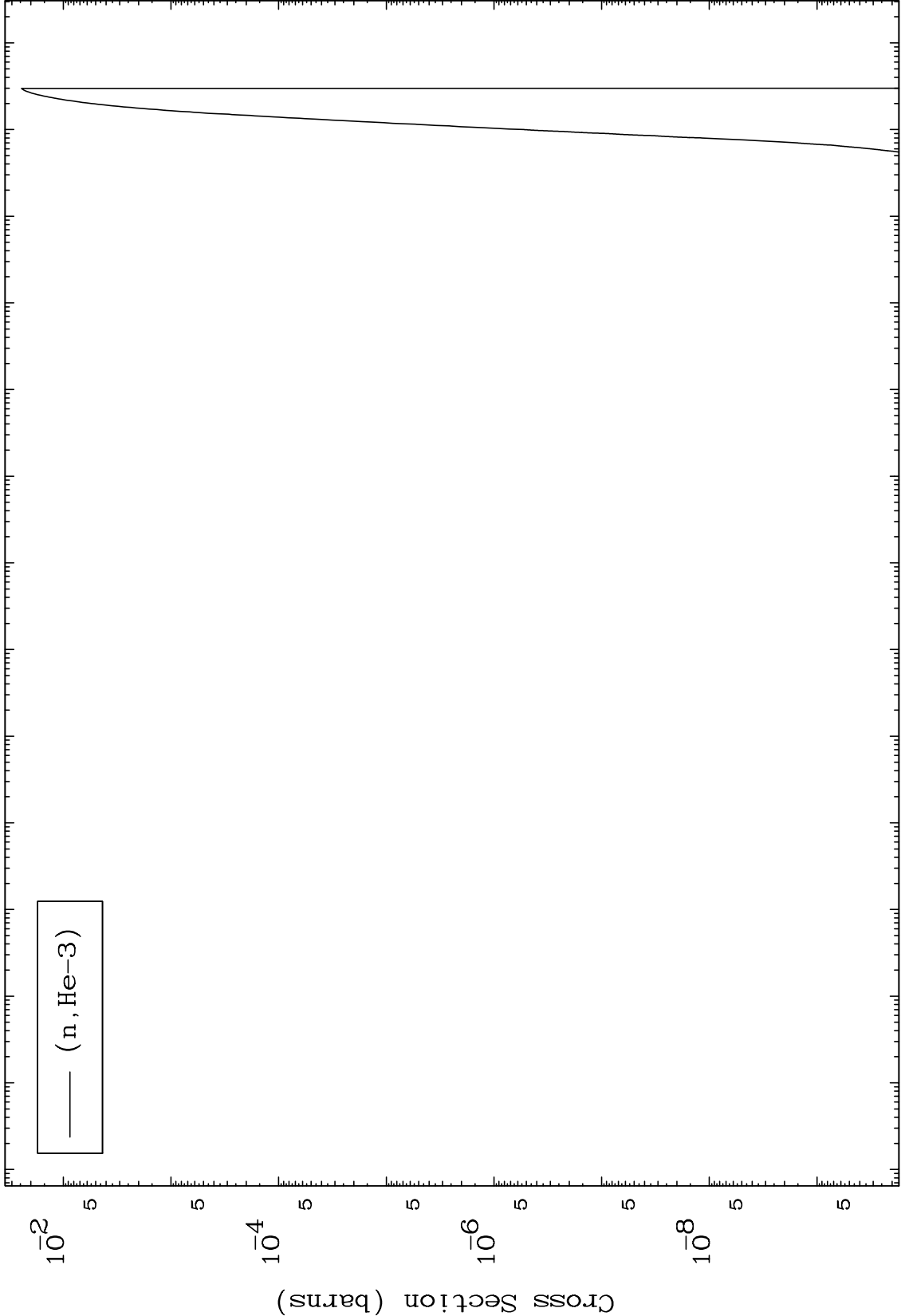
Incident Energy (MeV)

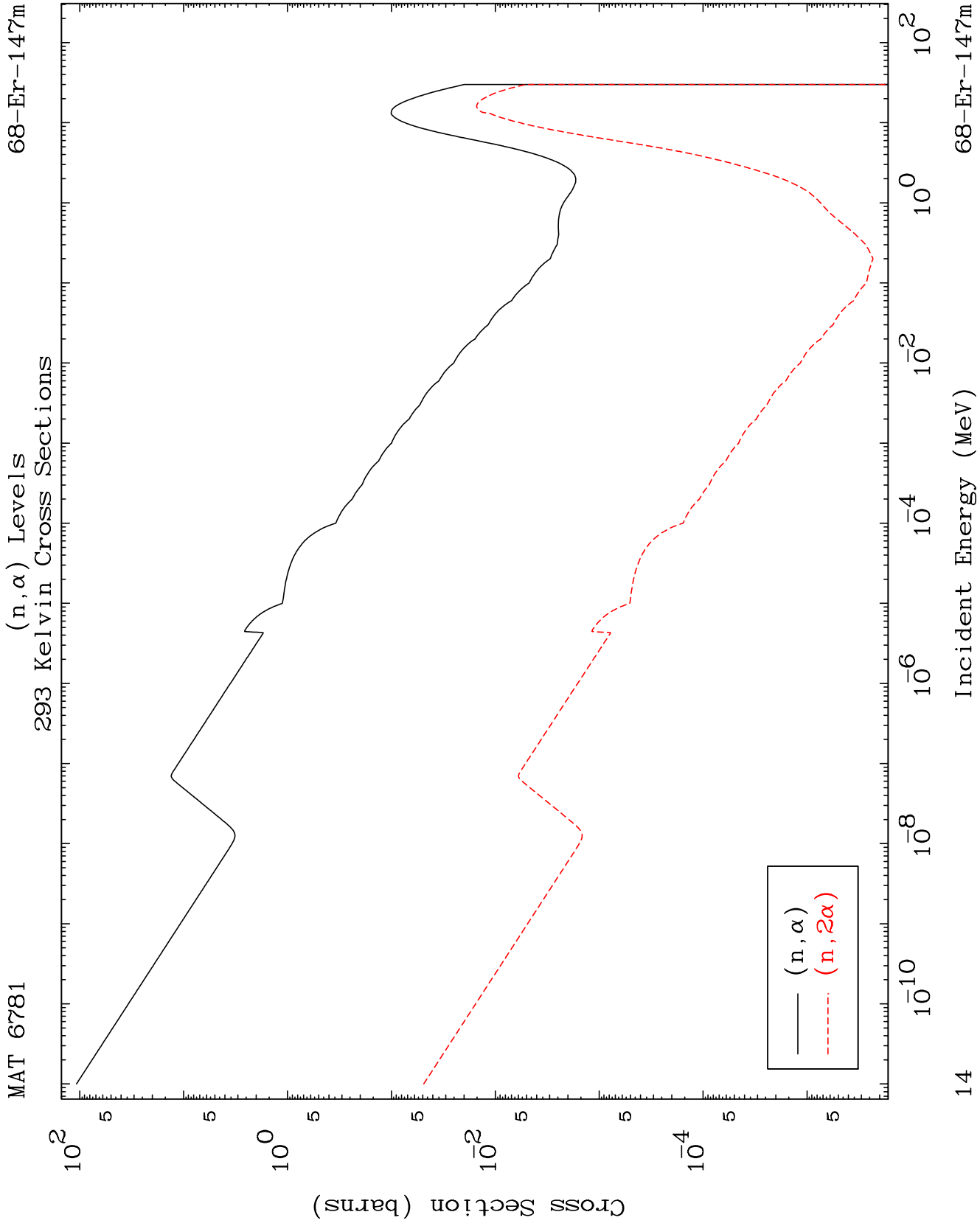
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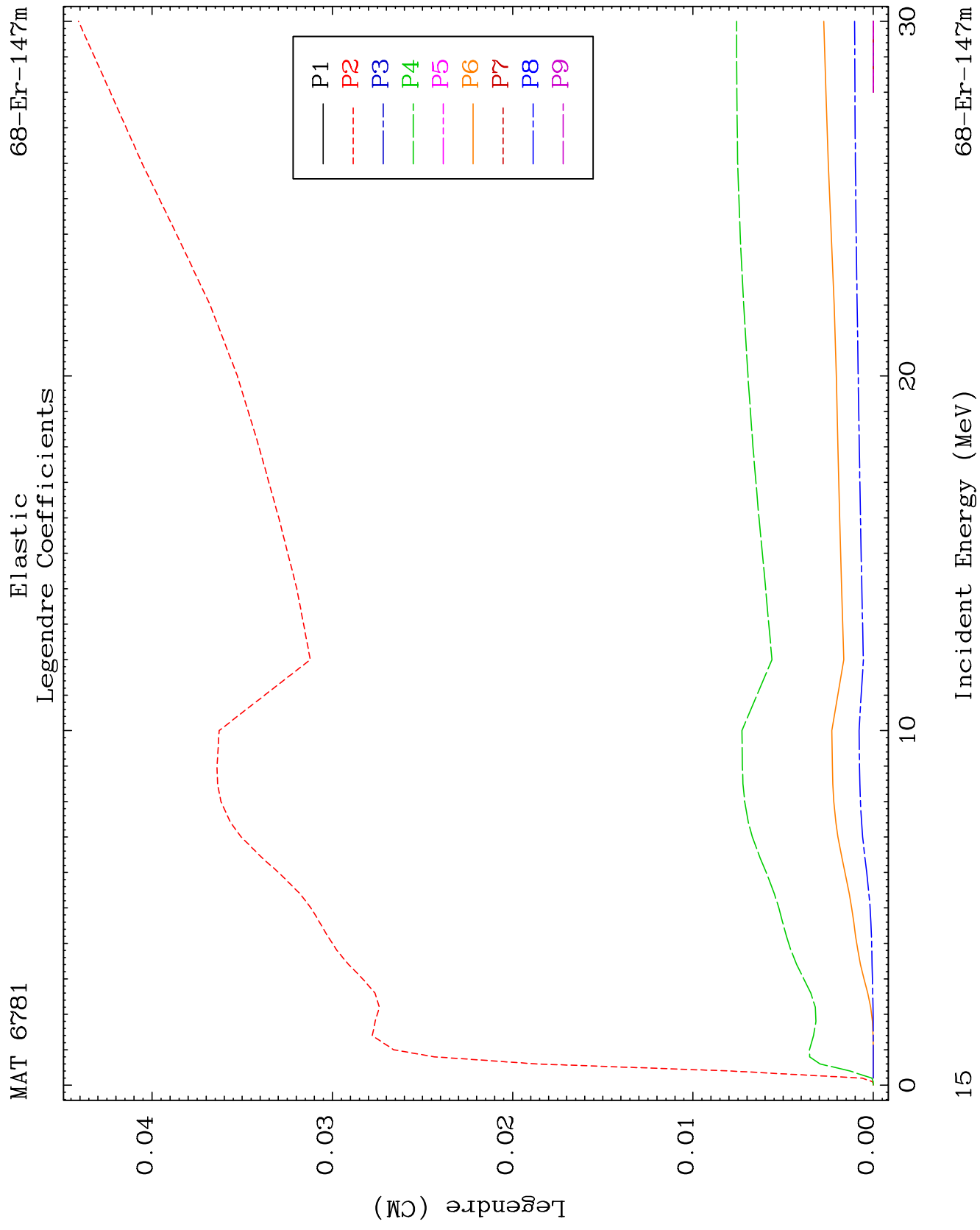
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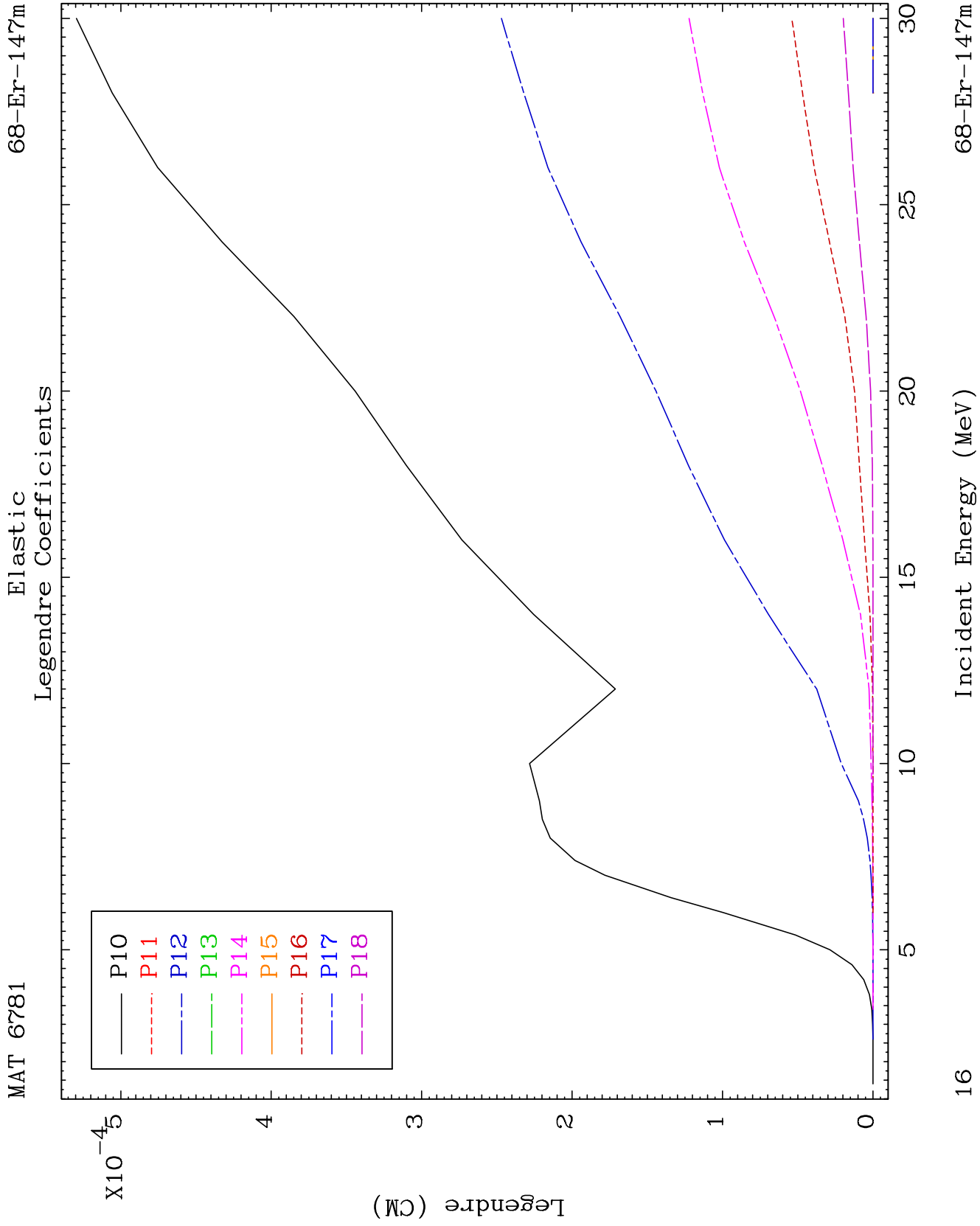
(n,He3) Levels
293 Kelvin Cross Sections

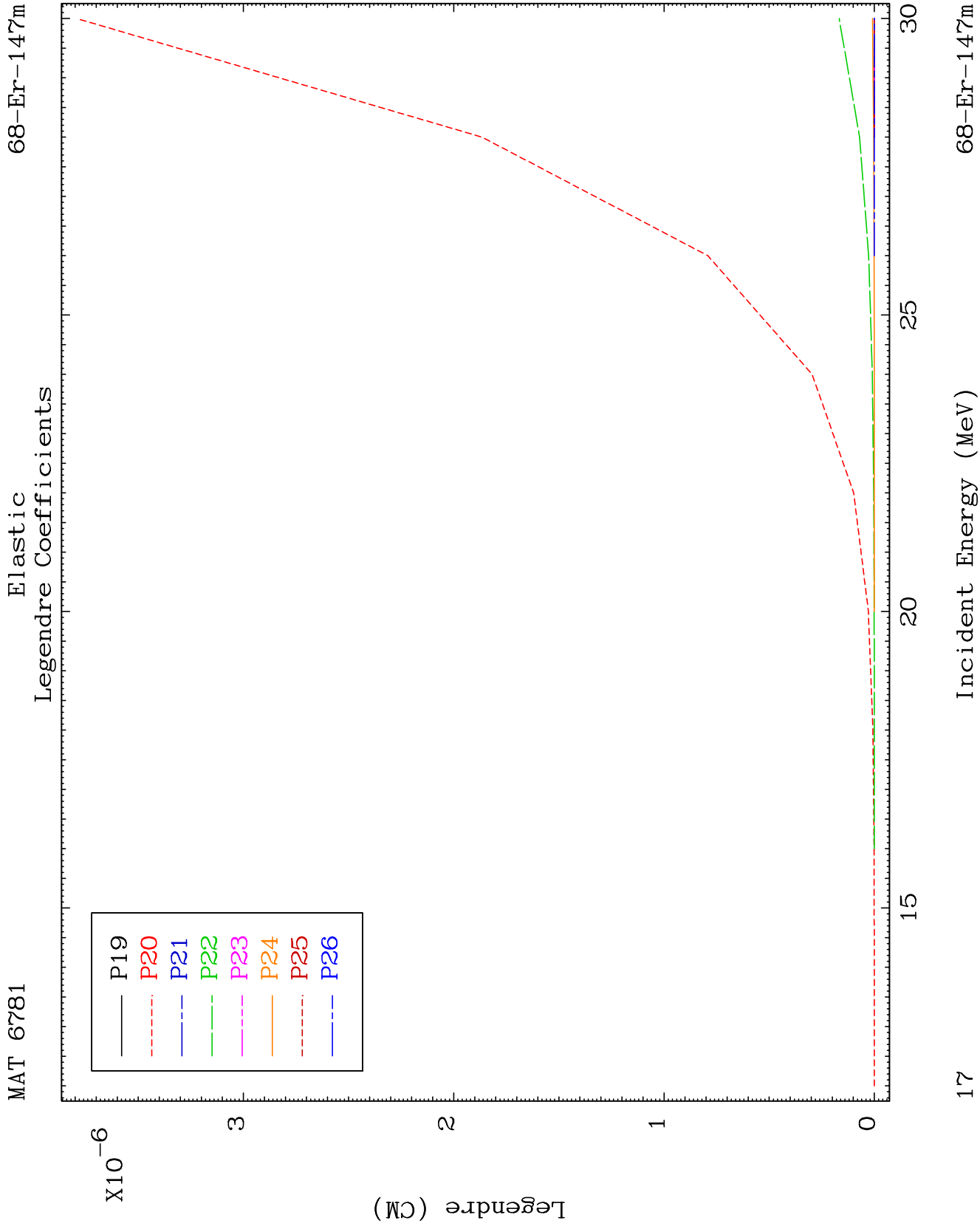
68-Er-147m







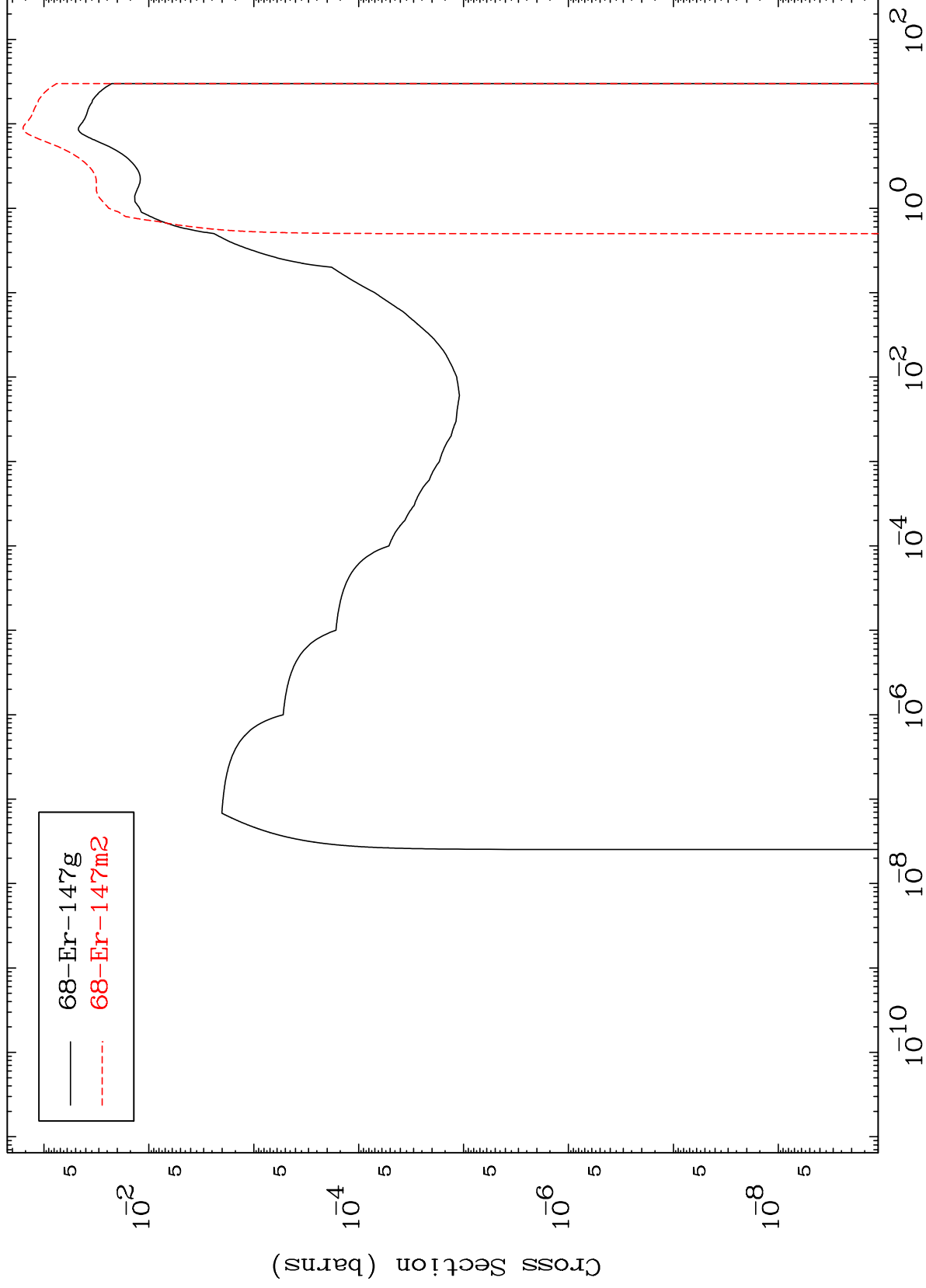




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Inelastic
Radionuclide Production Cross Section

68-Er-147m

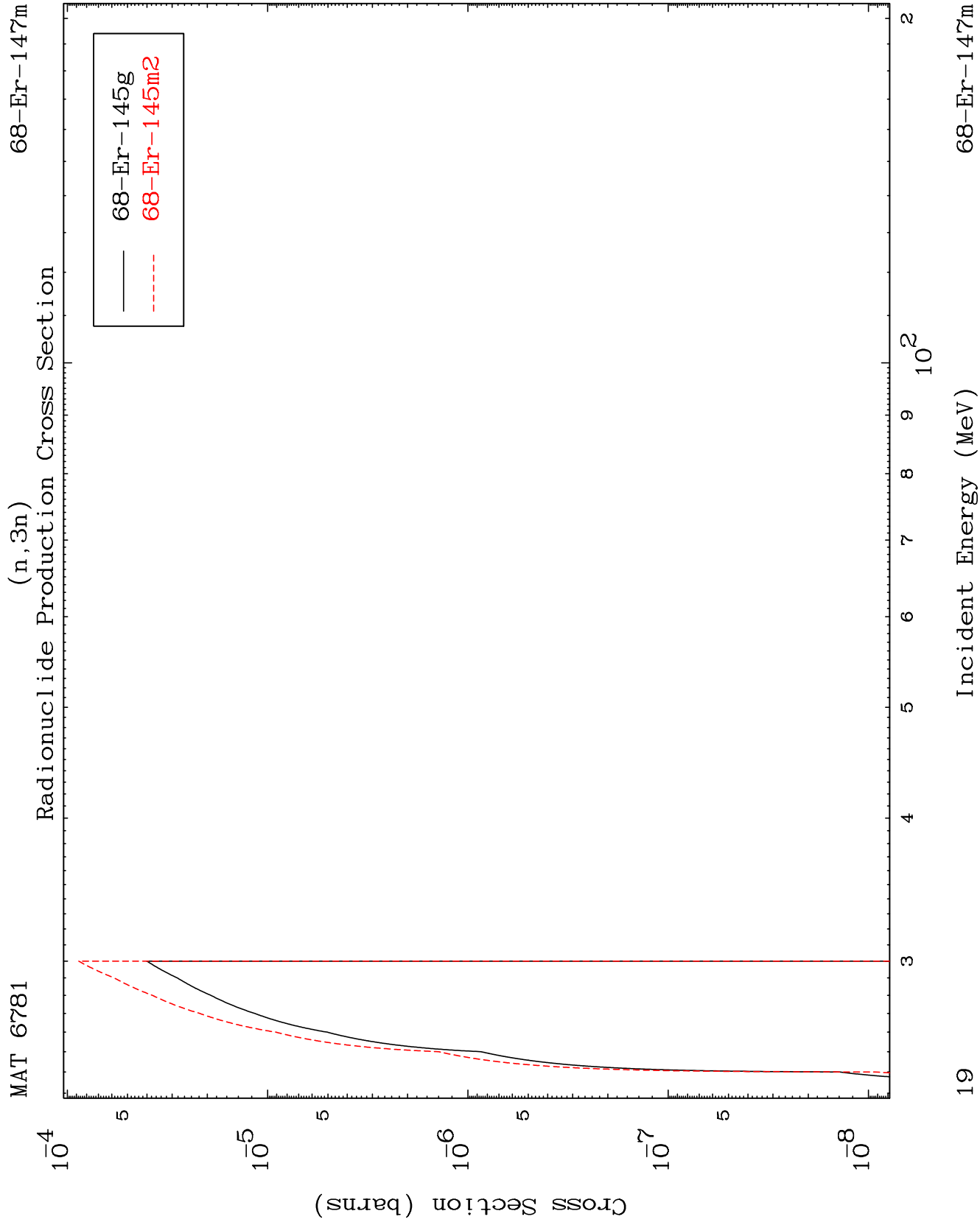


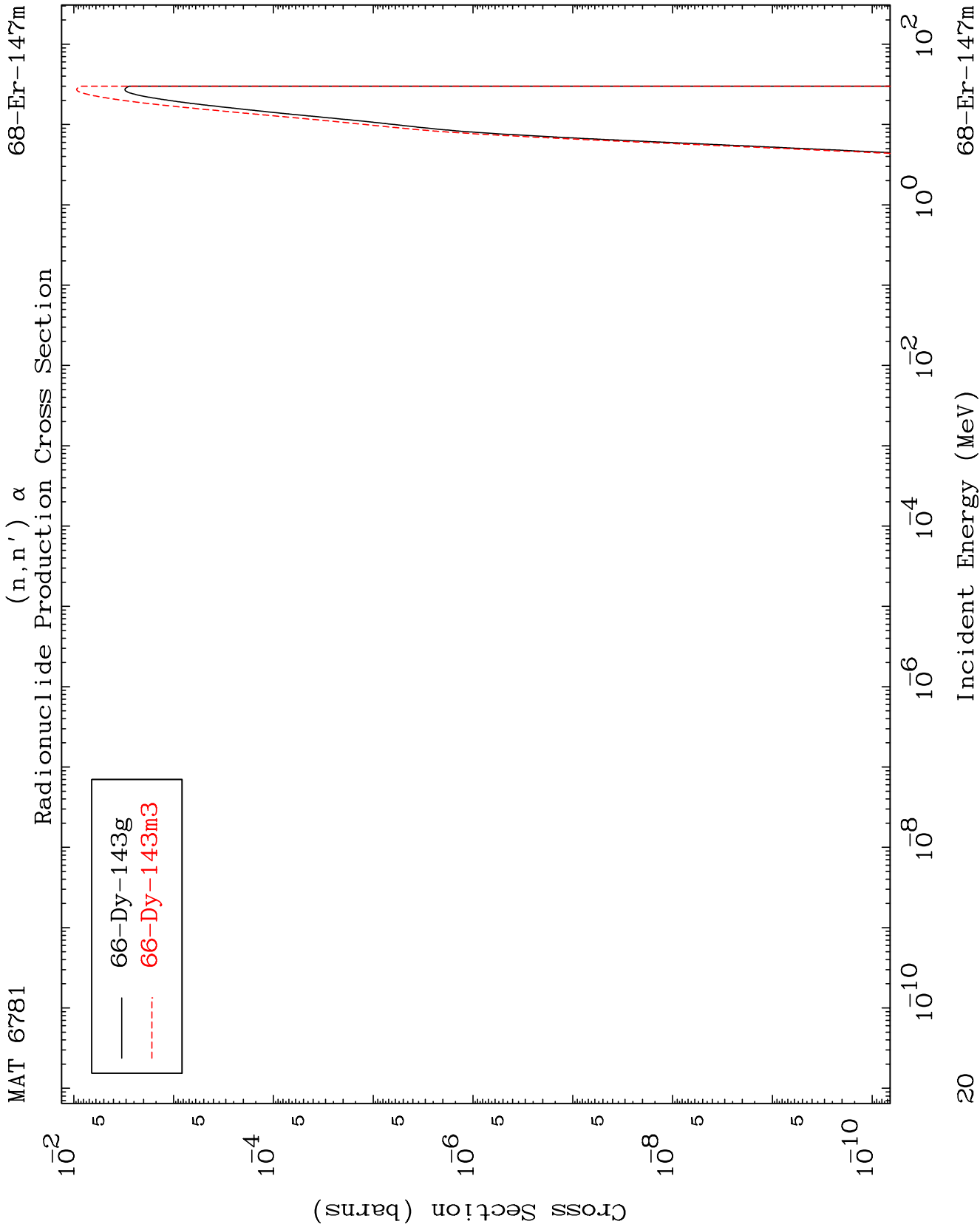
68-Er-147g
68-Er-147m2

Incident Energy (MeV)

68-Er-147m

18



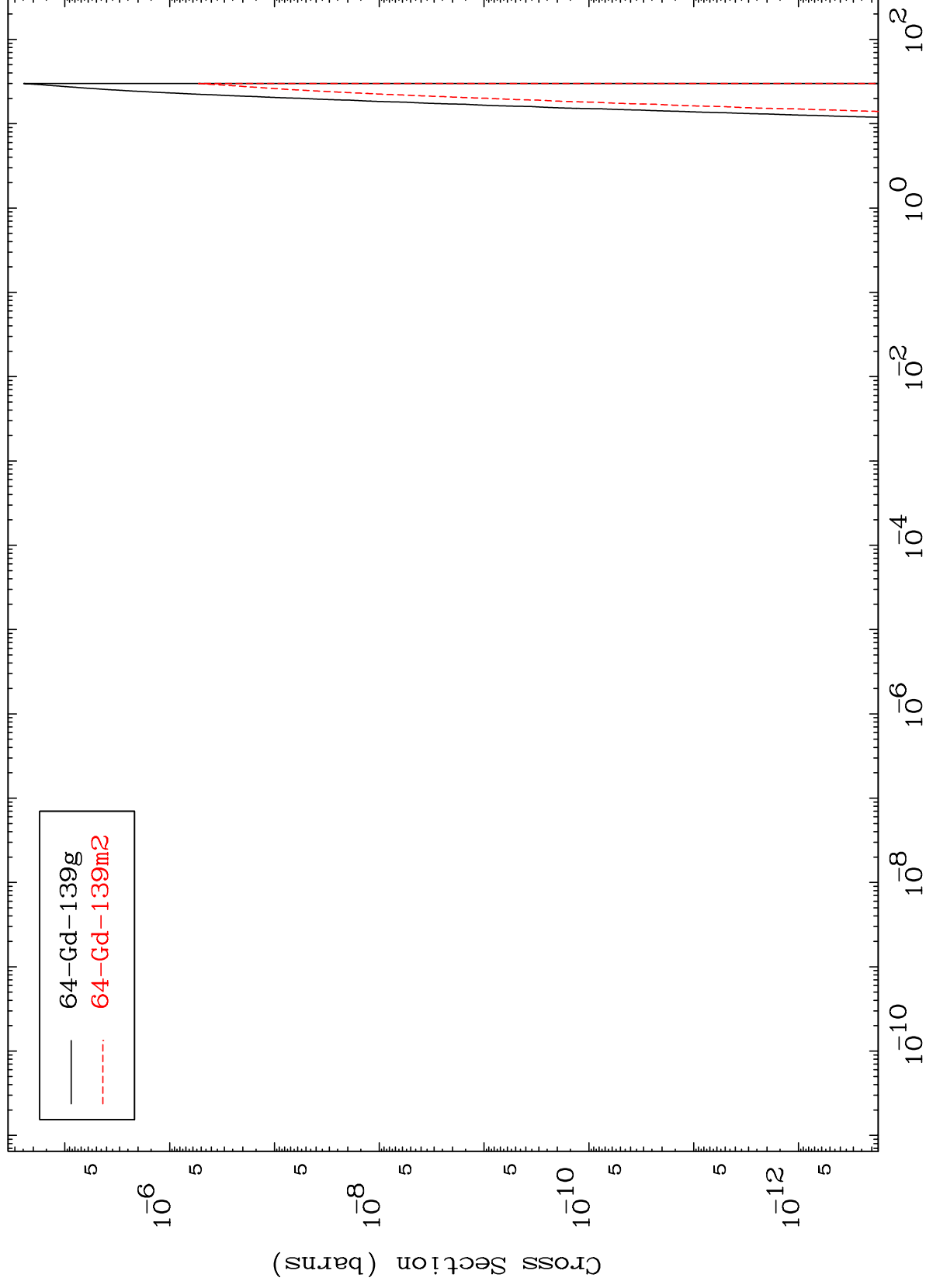


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(n,n') 2 α

68-Er-147m

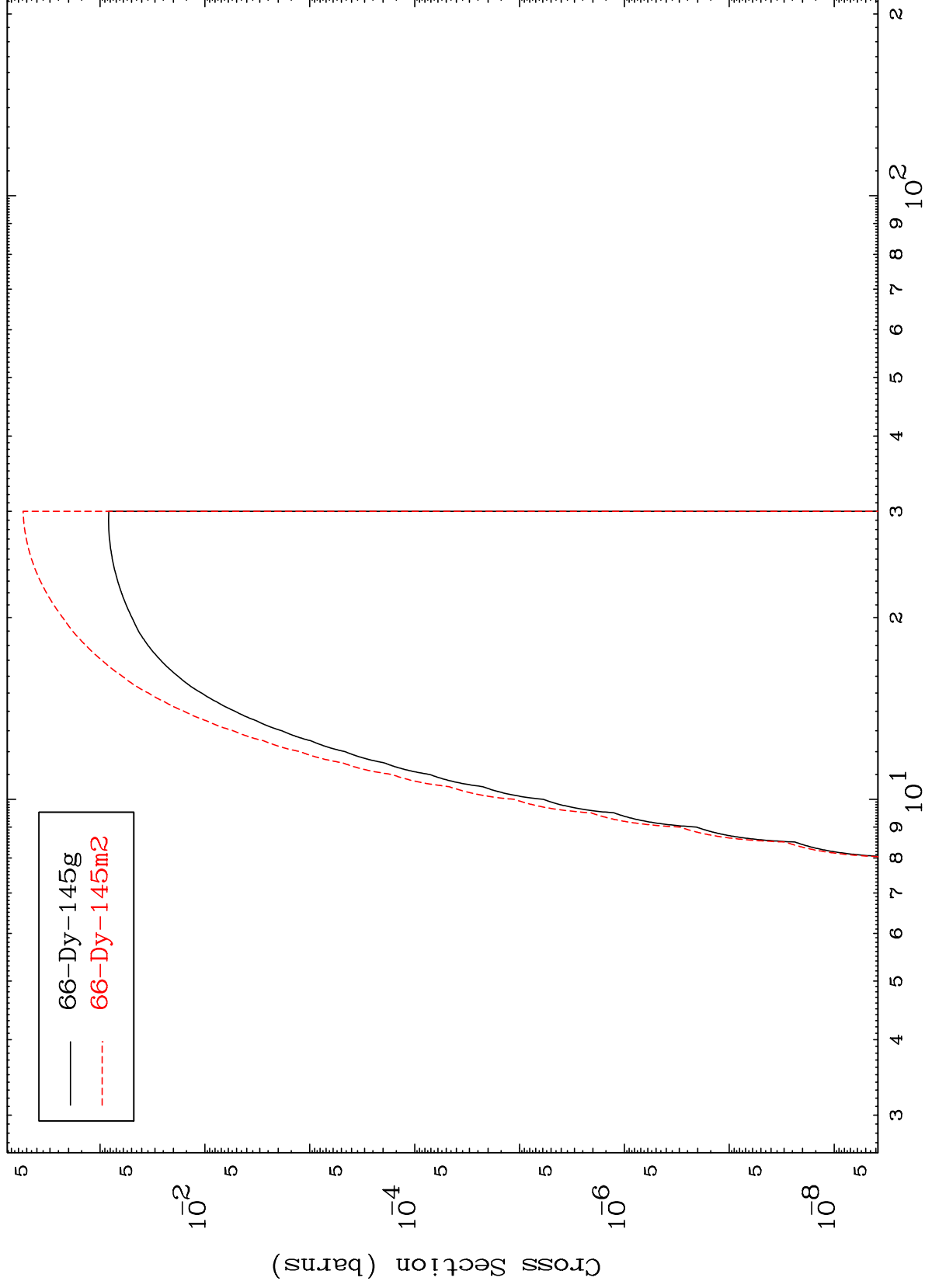
Radionuclide Production Cross Section



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68-Er-147m

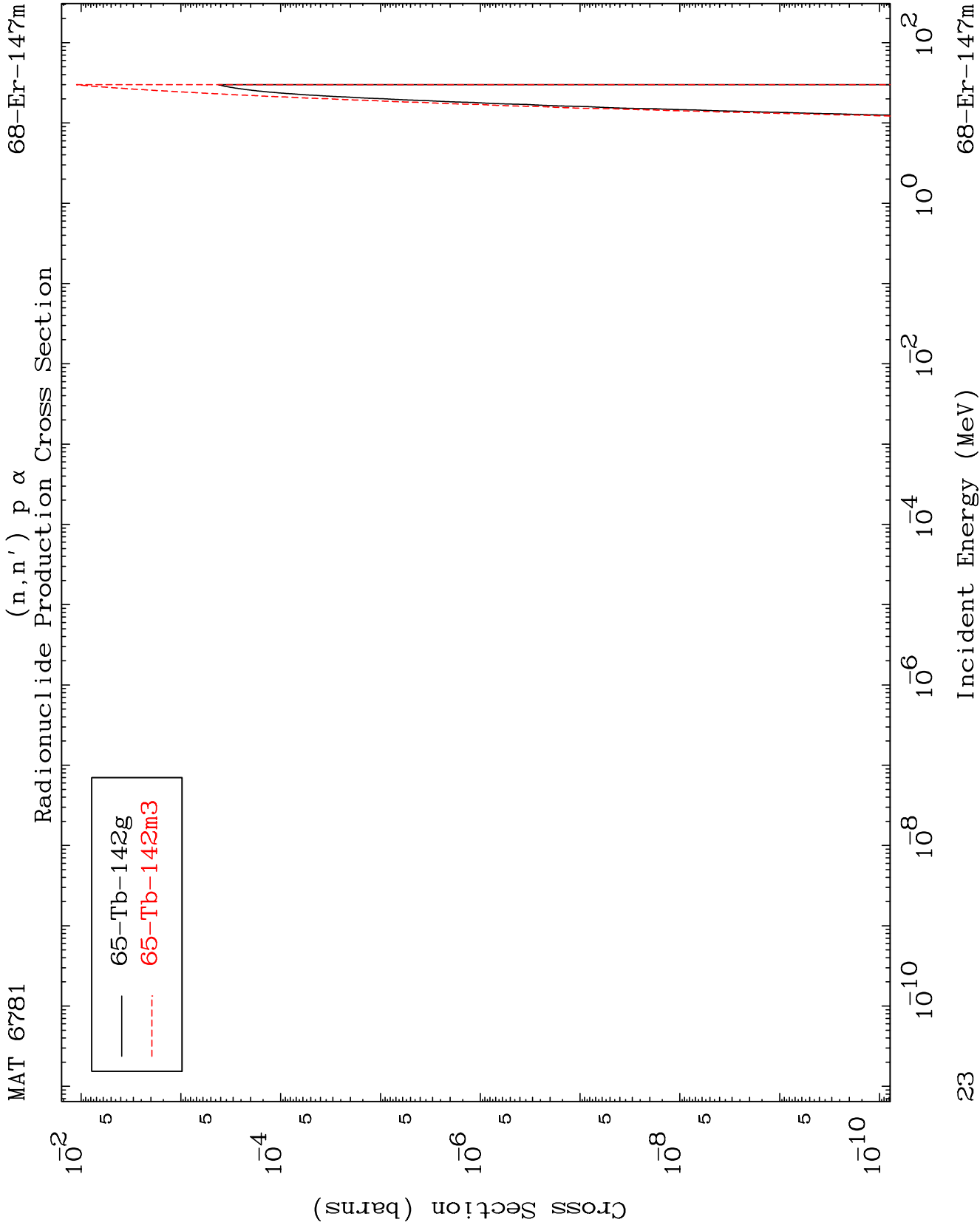
(n,2n) p
Radionuclide Production Cross Section



22

Incident Energy (MeV)

68-Er-147m

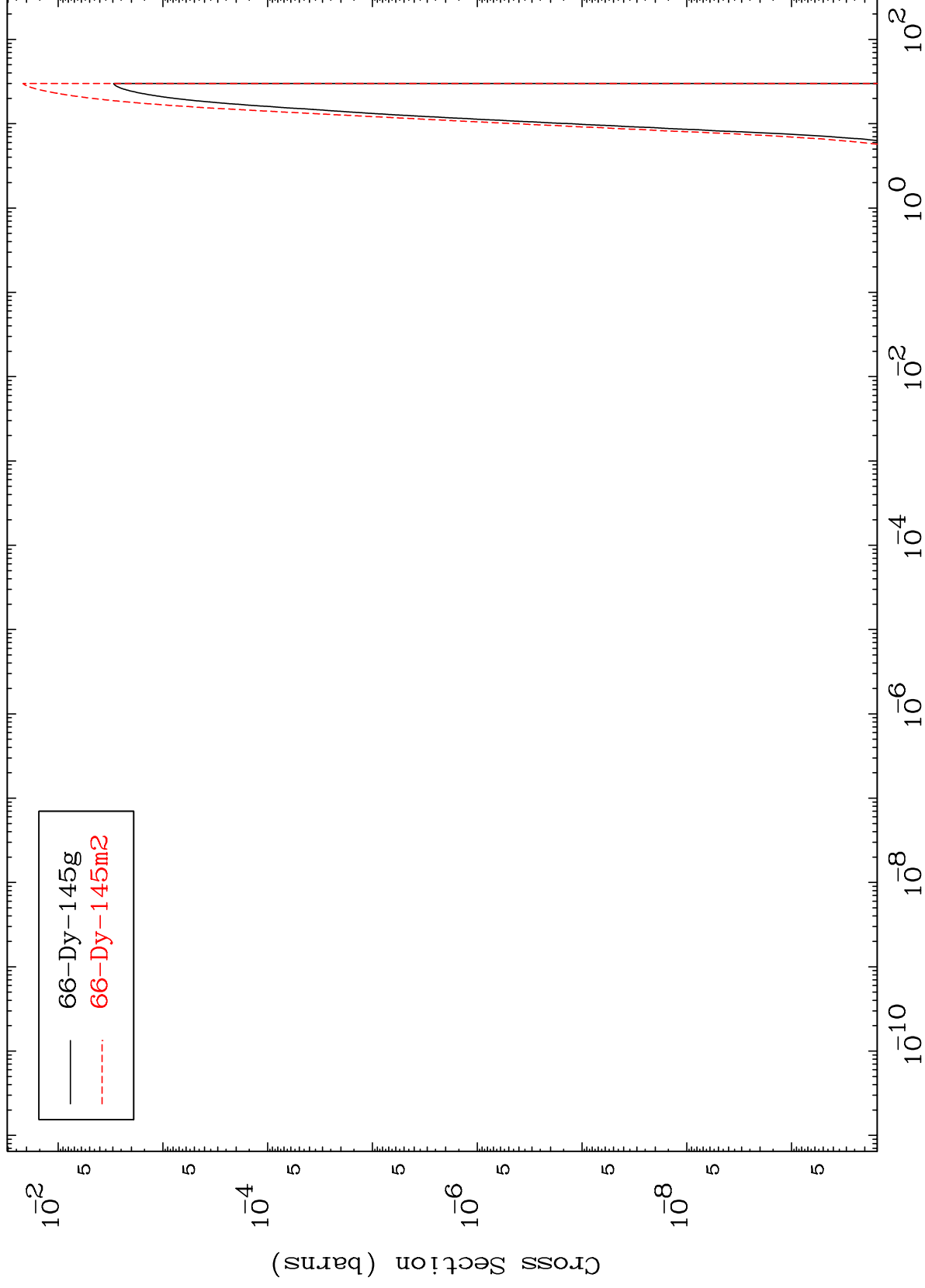


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(n,He-3)

68-Er-147m

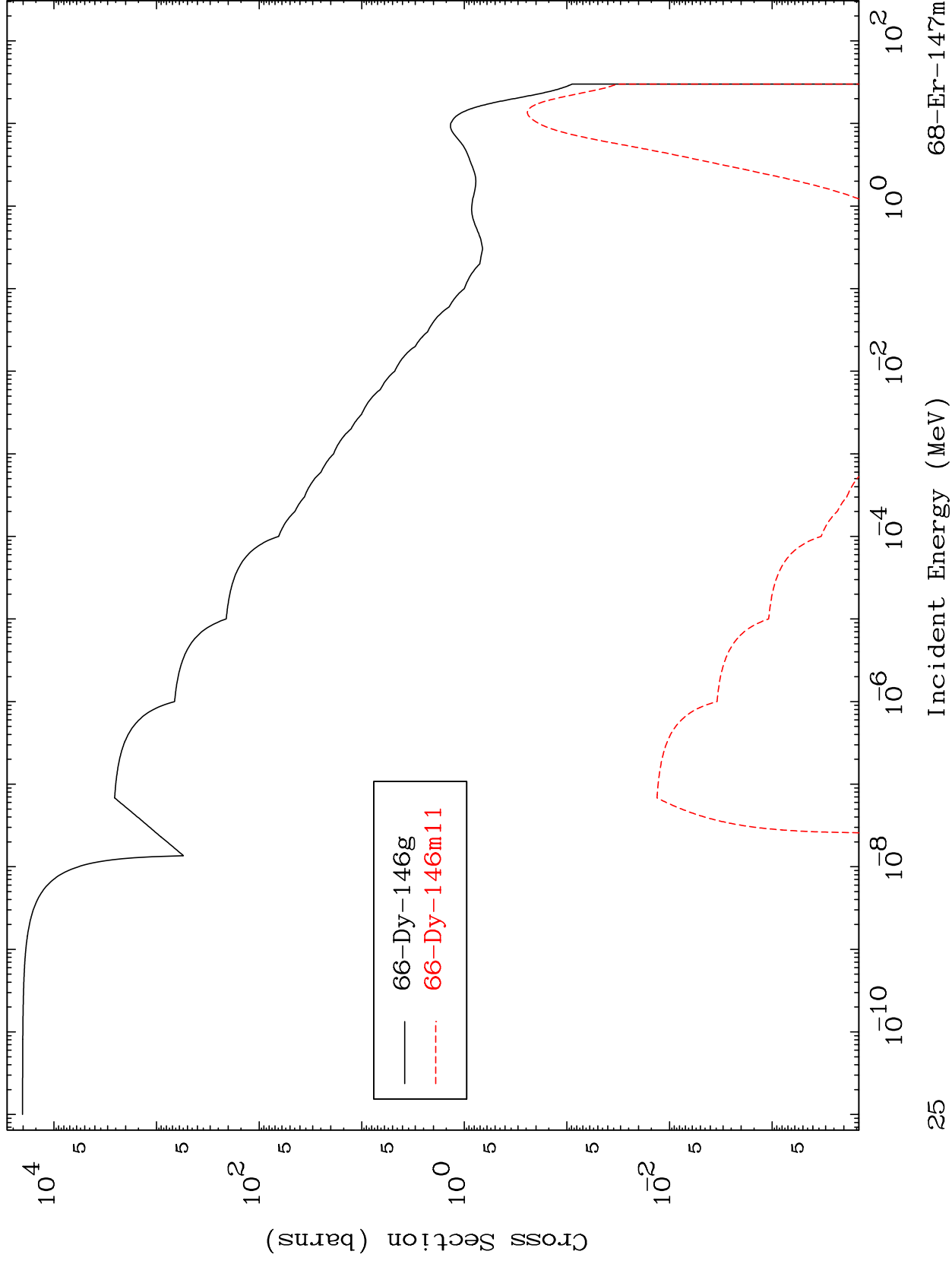
Radionuclide Production Cross Section



24

Incident Energy (MeV)

68-Er-147m

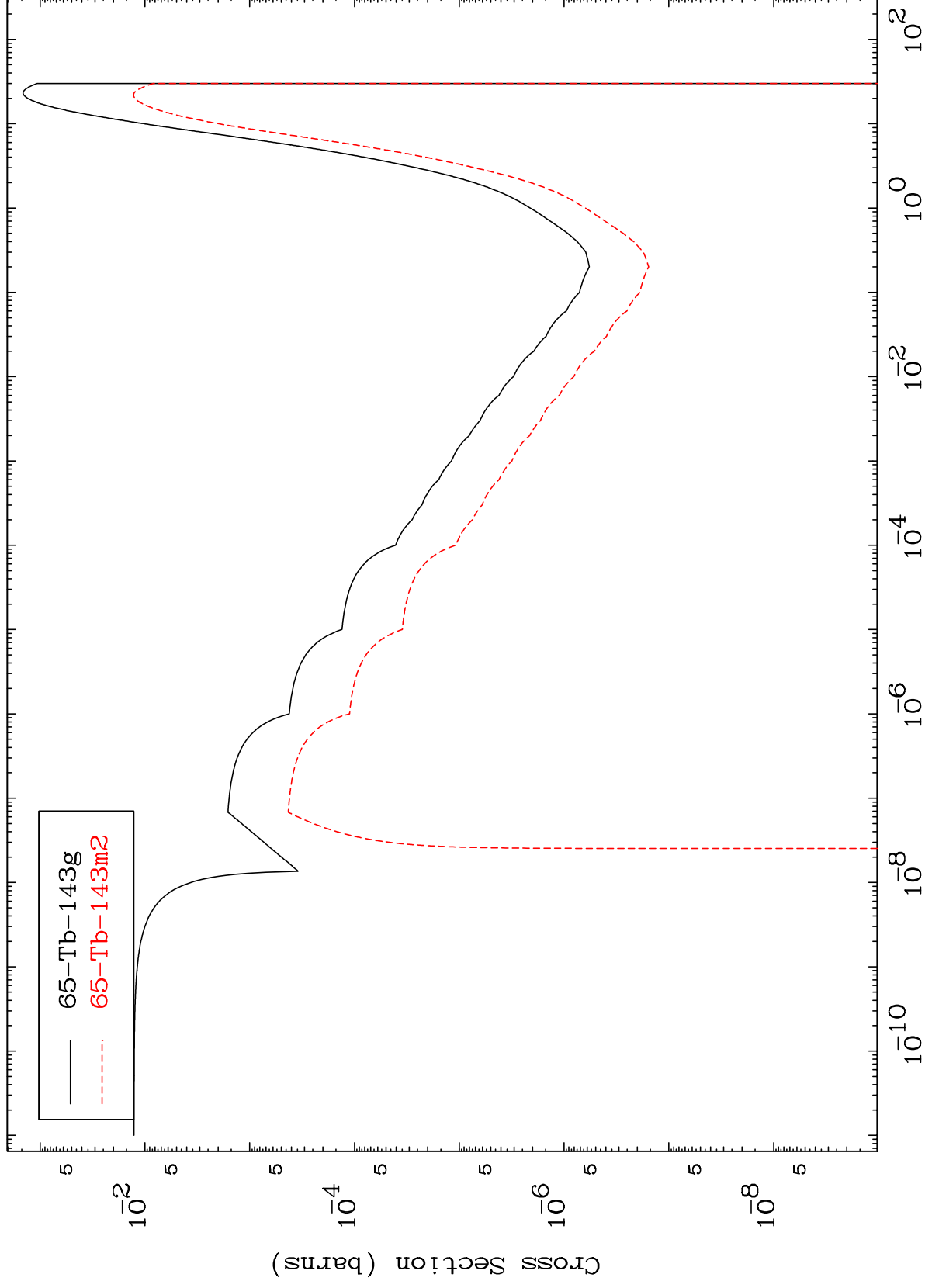
(n,2p)
Radionuclide Production Cross Section

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(n,p) α

68-Er-147m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

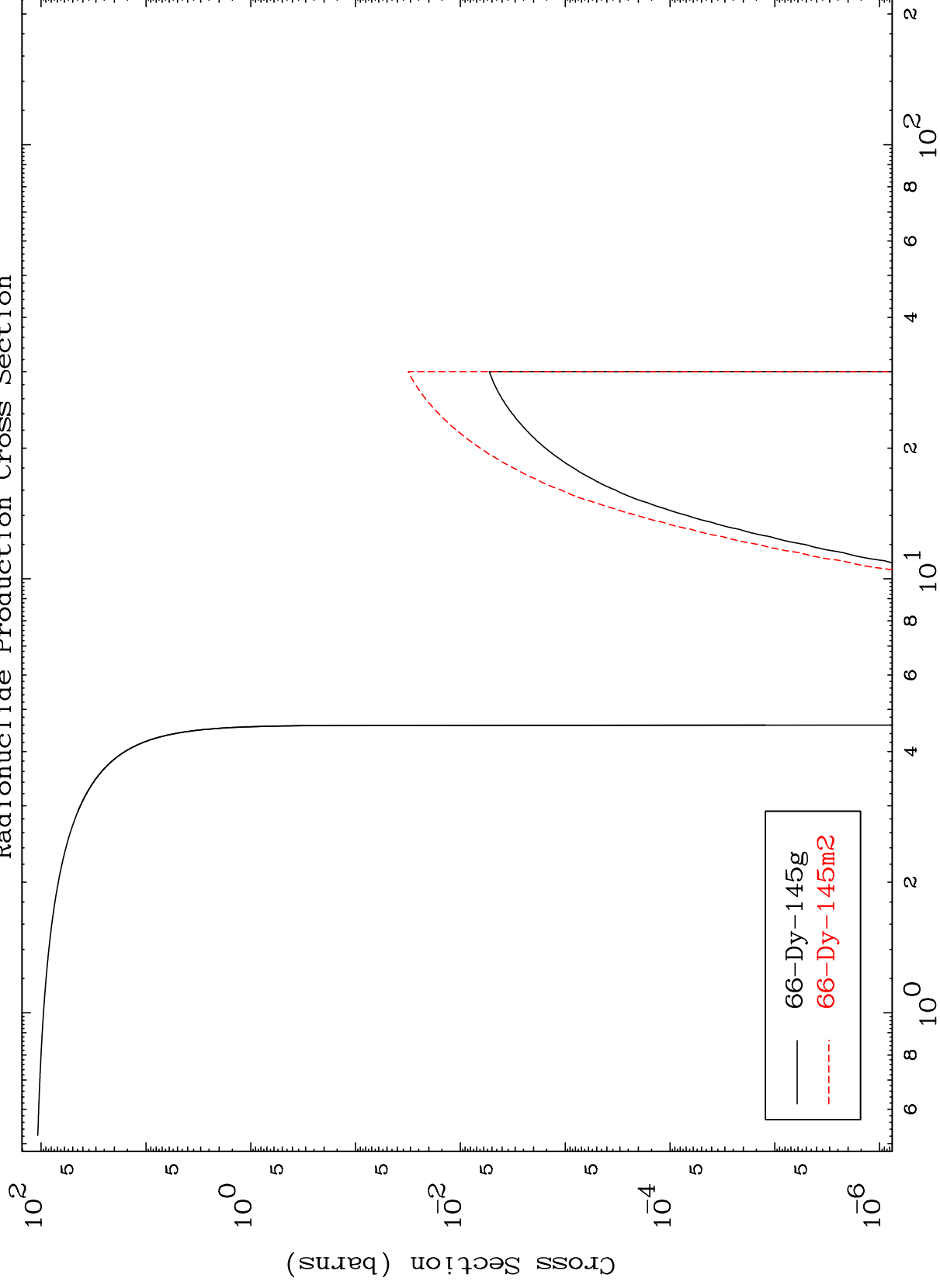
68-Er-147m

MAT 6781

(n,p) d

68-Er-147m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

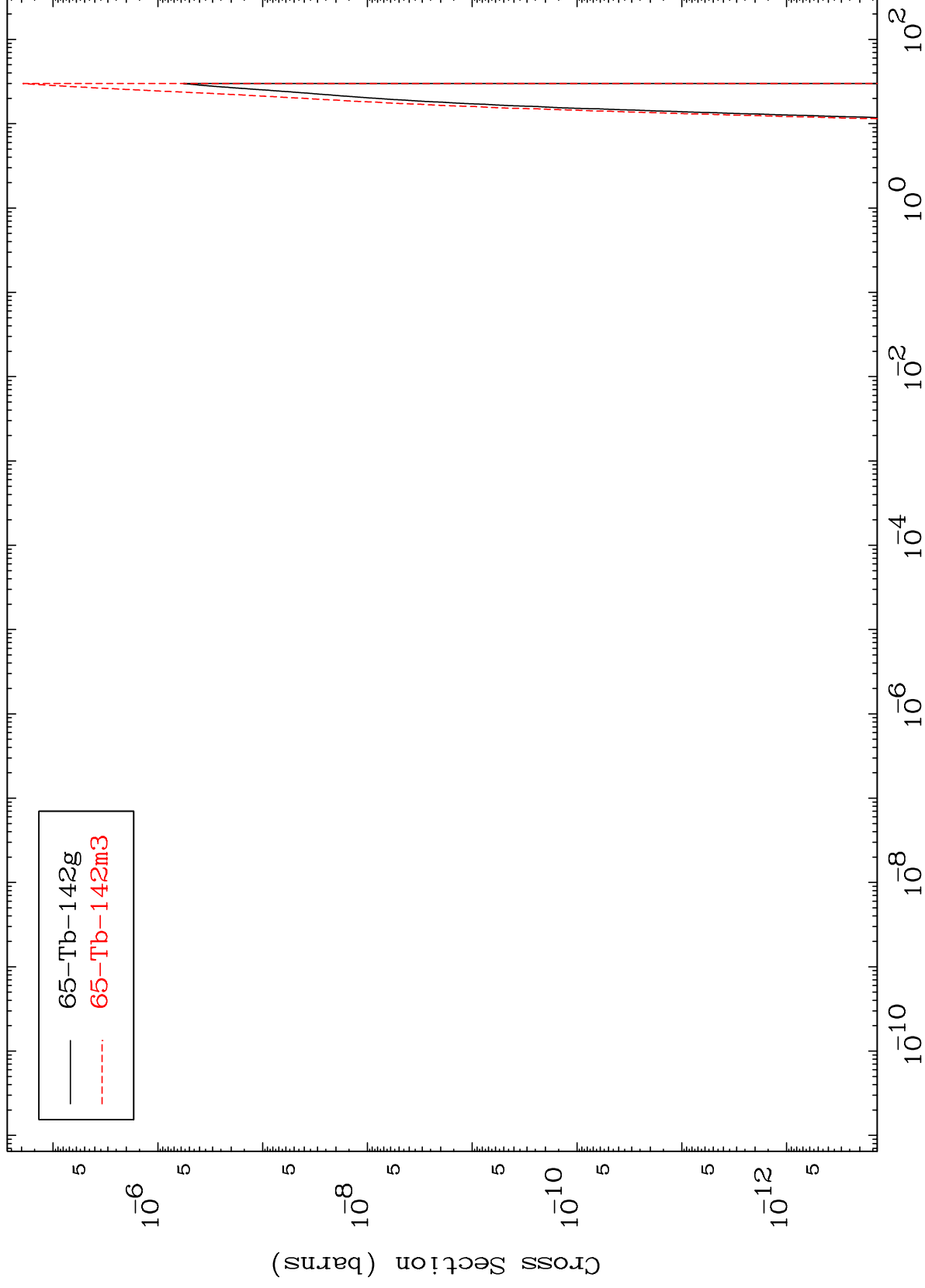
68-Er-147m

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(n,d) α

68-Er-147m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

68-Er-147m