

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

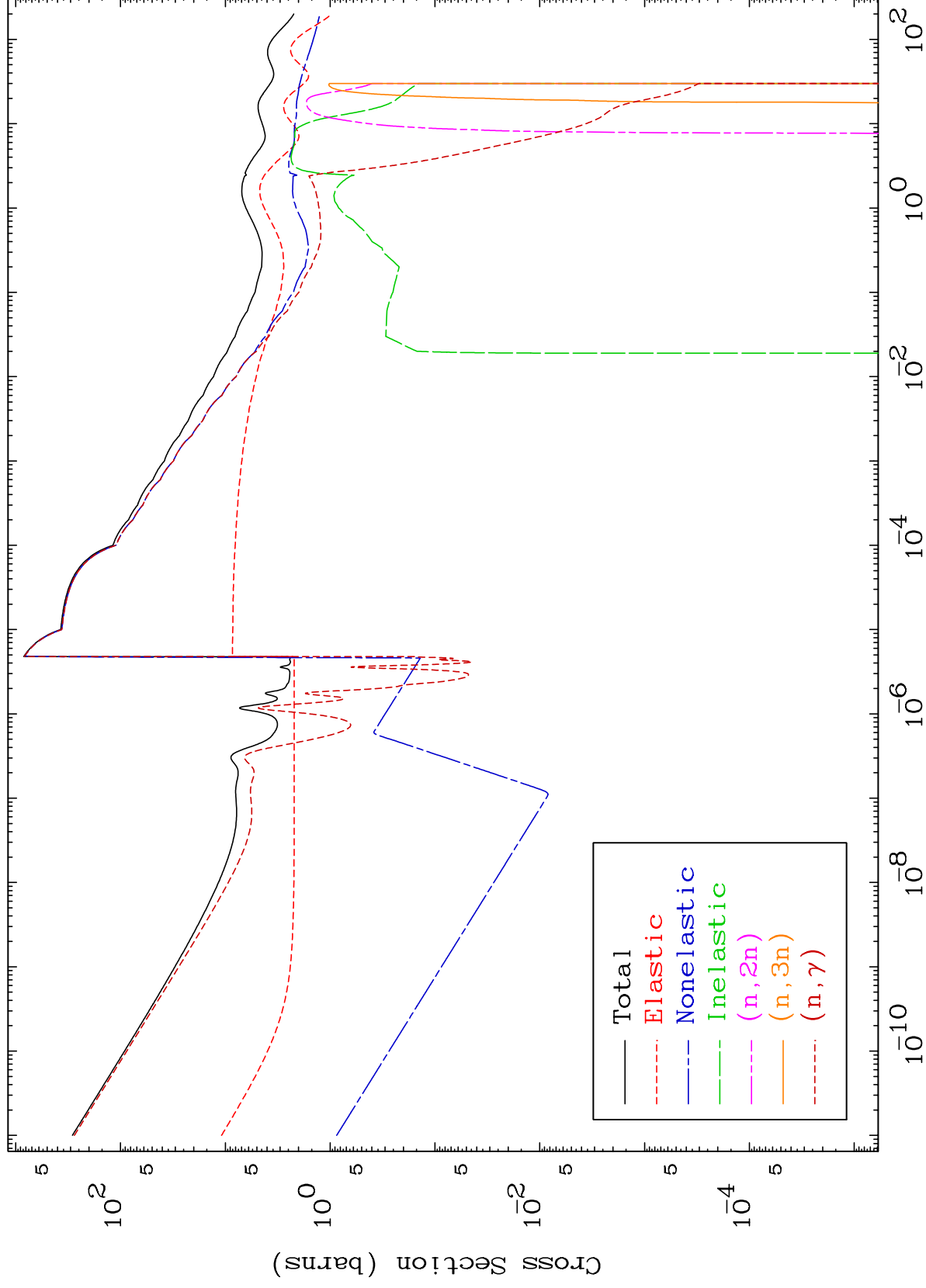
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5917

Neutron Major
293 Kelvin Cross Sections

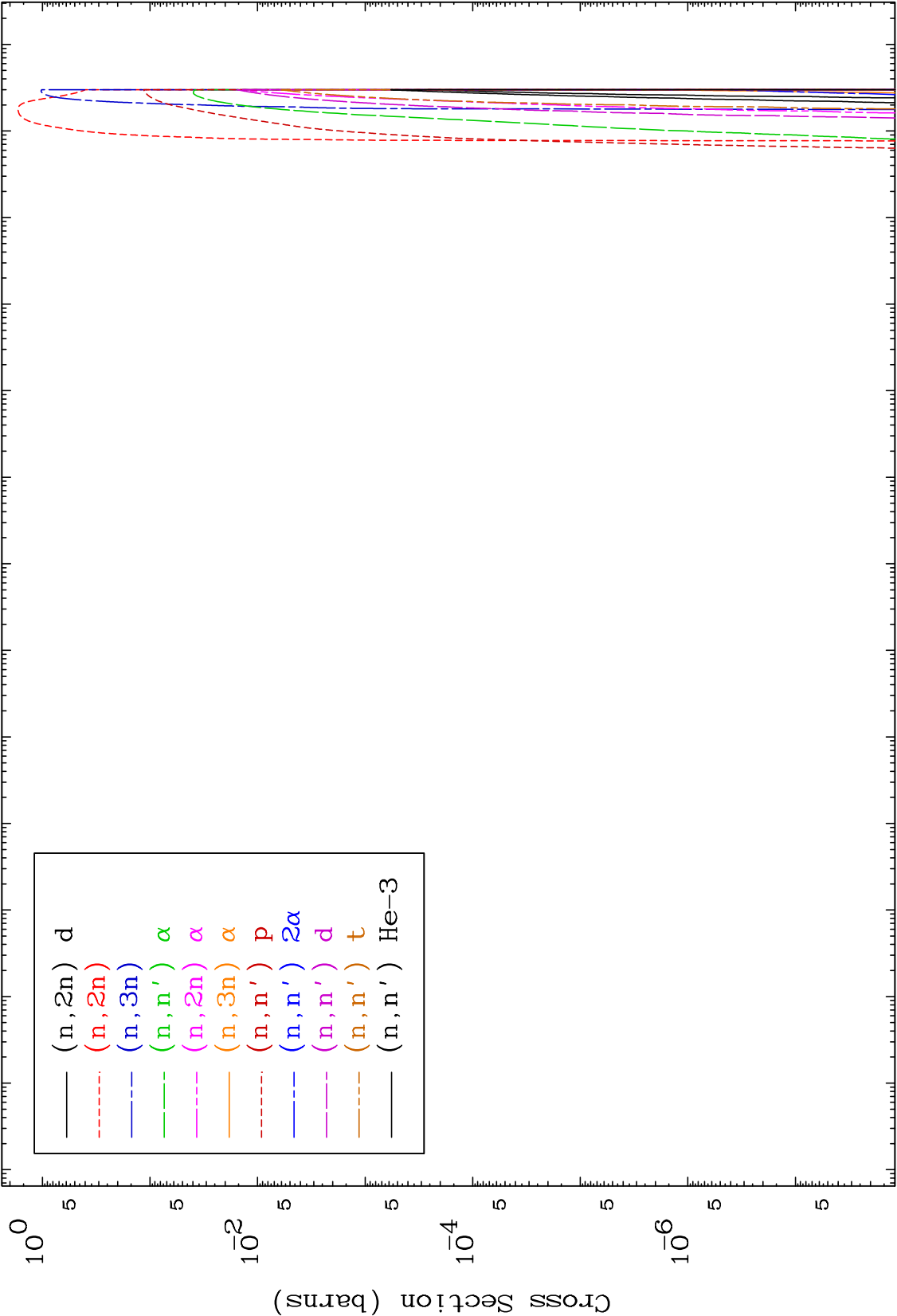
59-Pr-138m

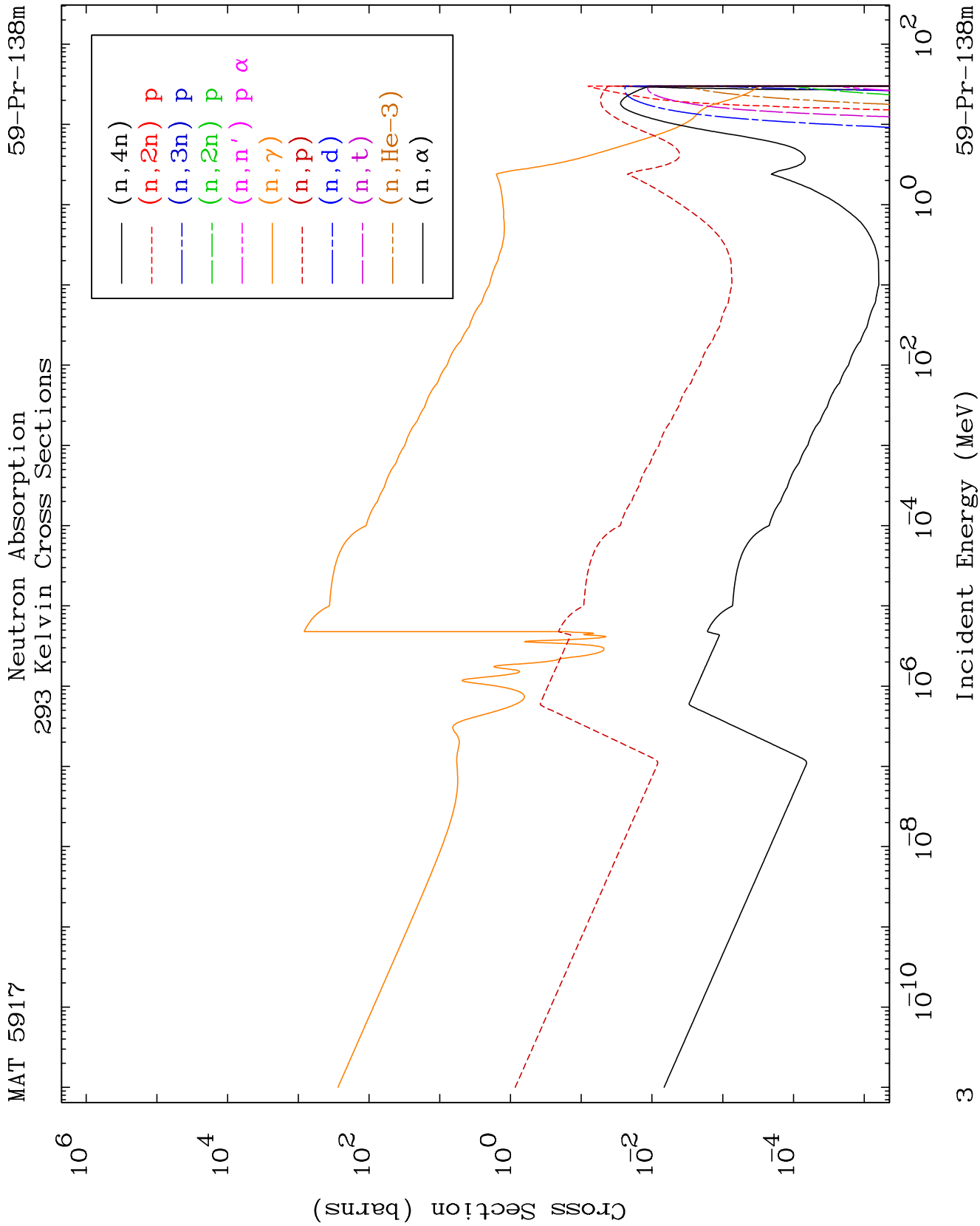


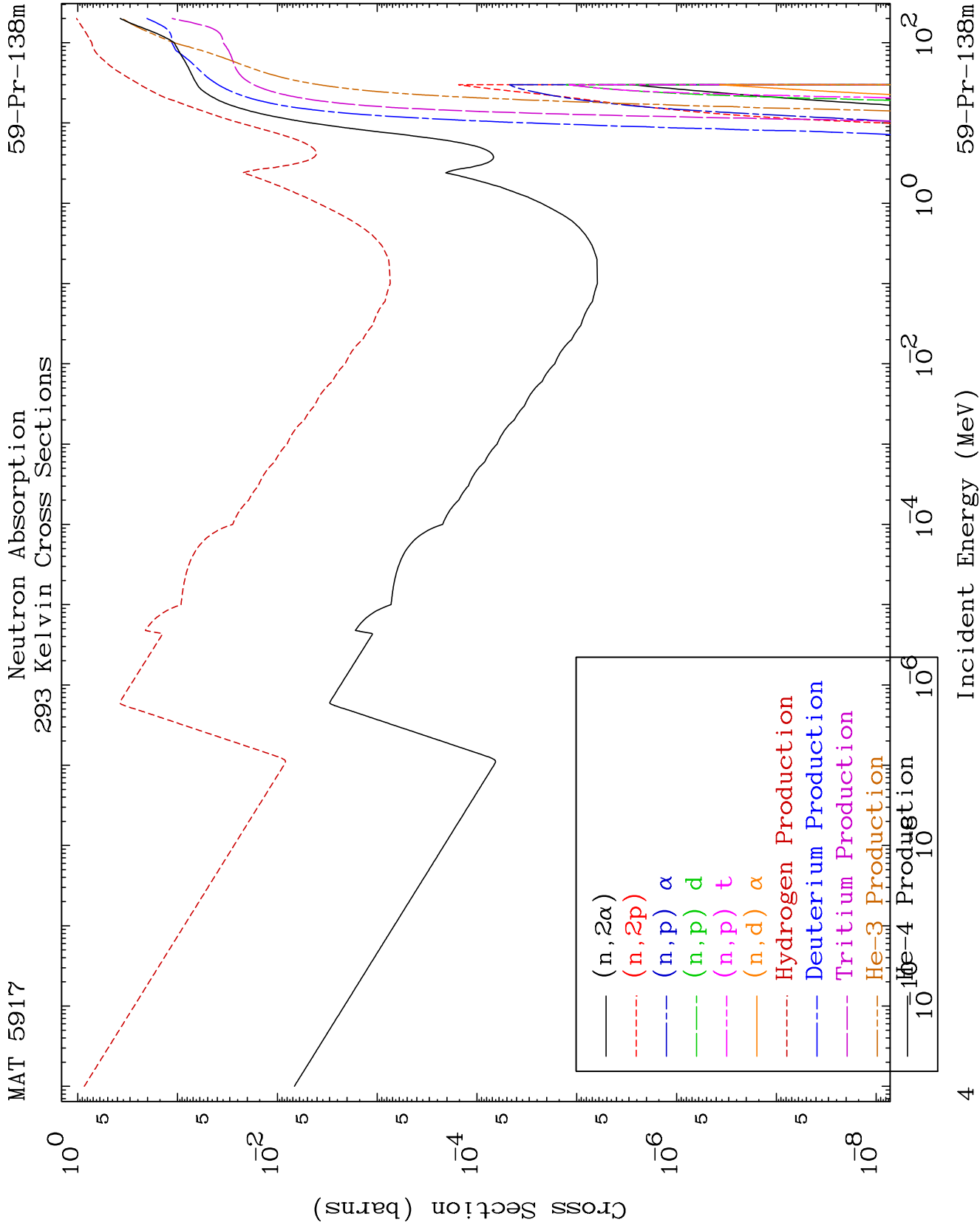
MAT 5917

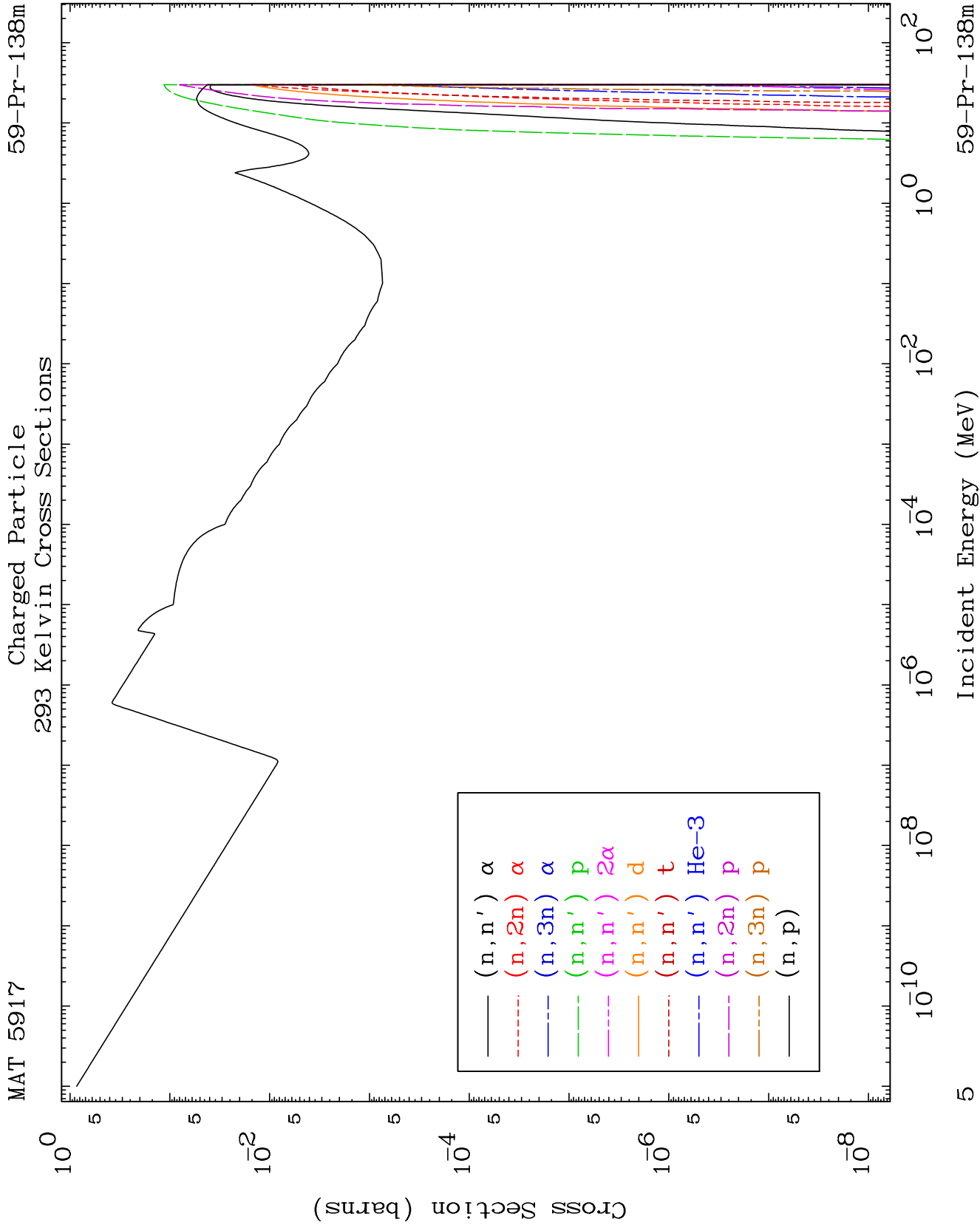
Neutron Absorption
293 Kelvin Cross Sections

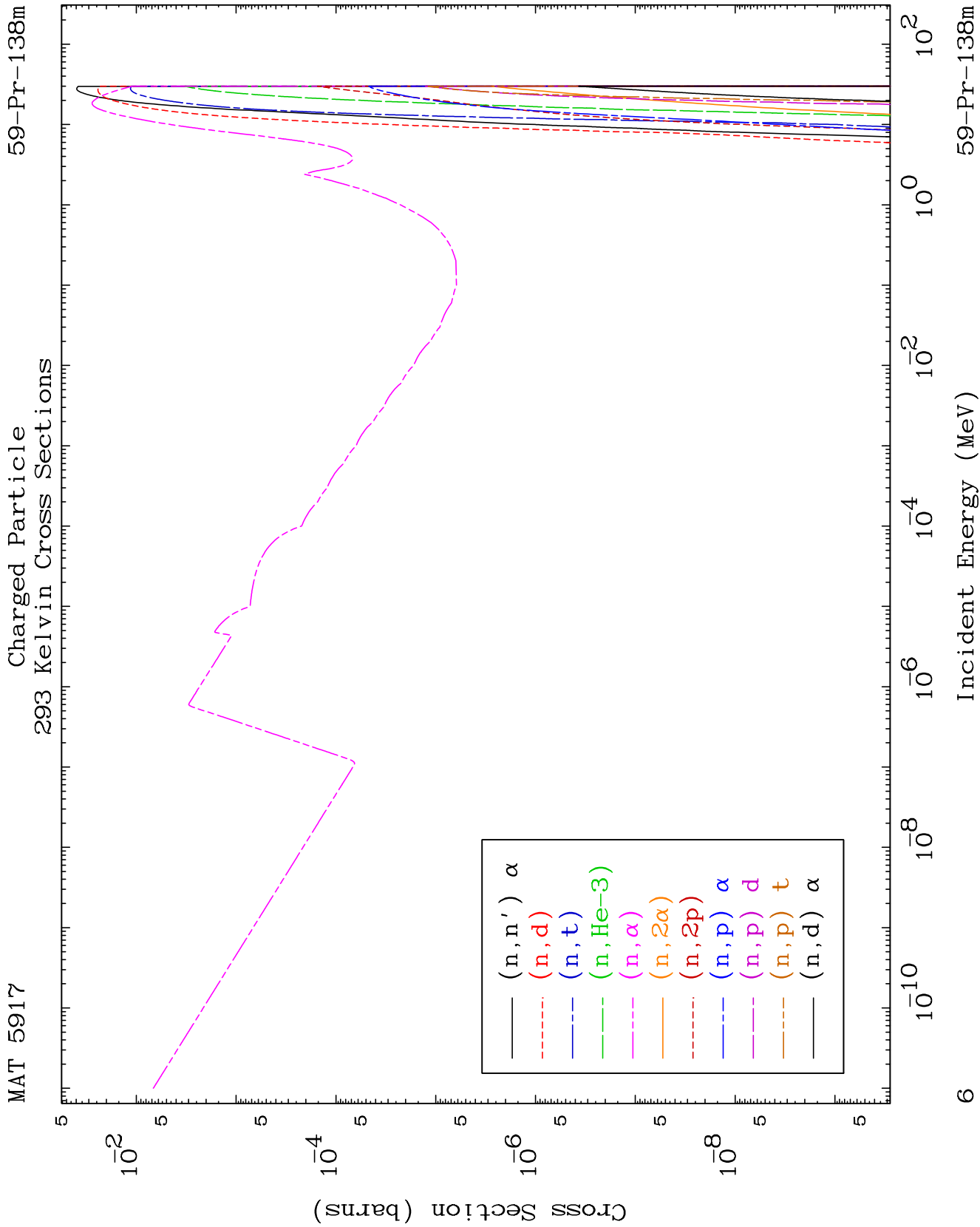
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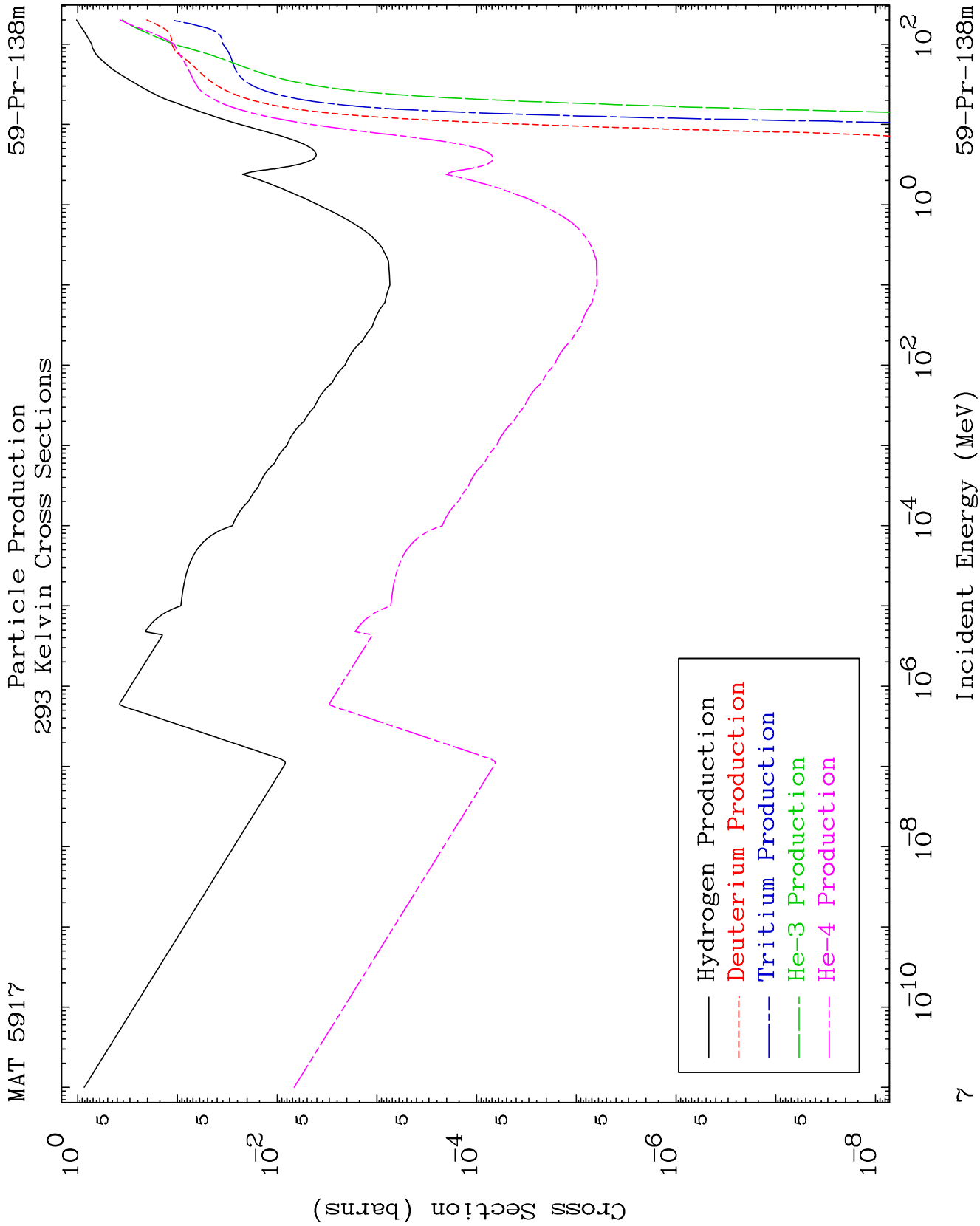








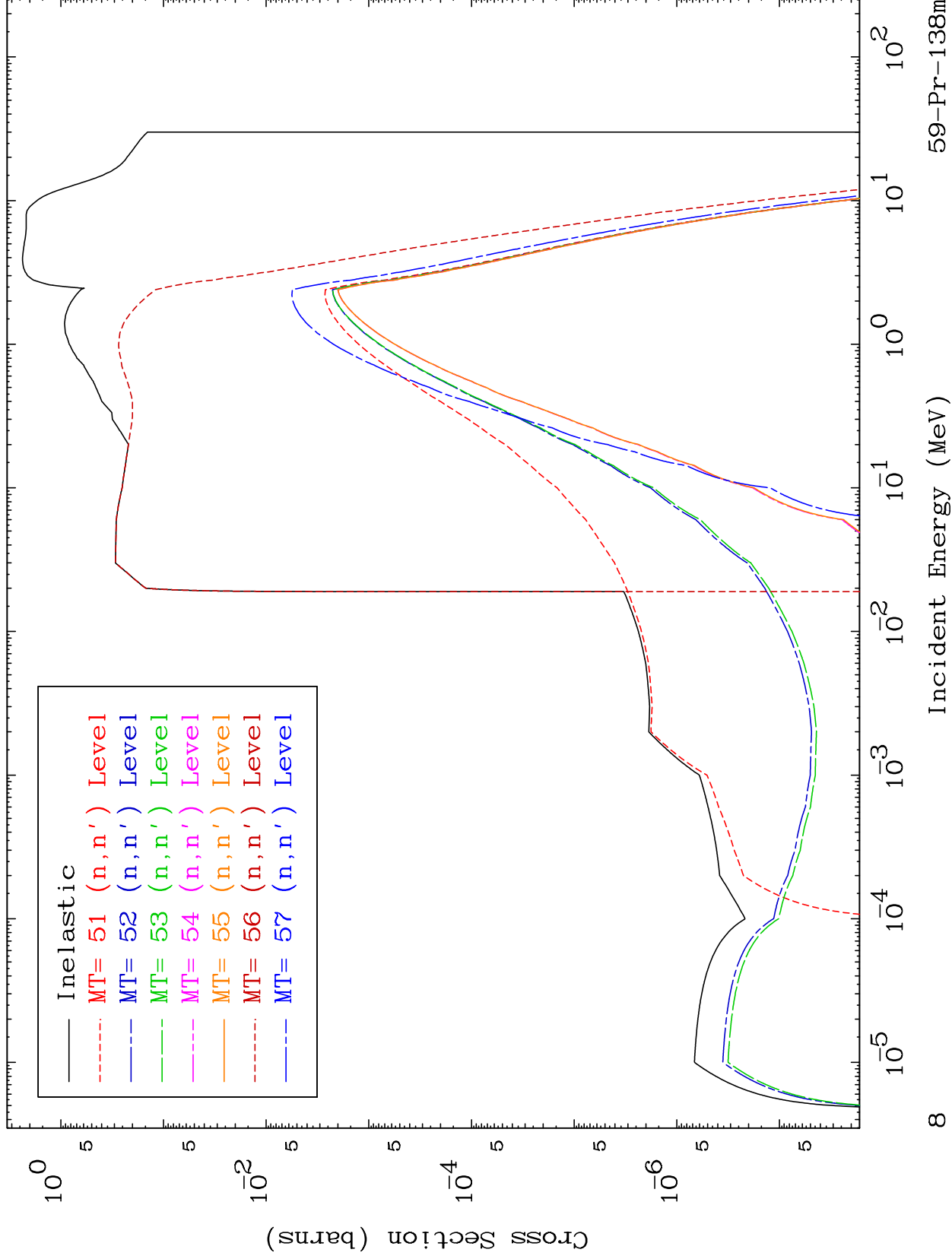




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59-Pr-138m

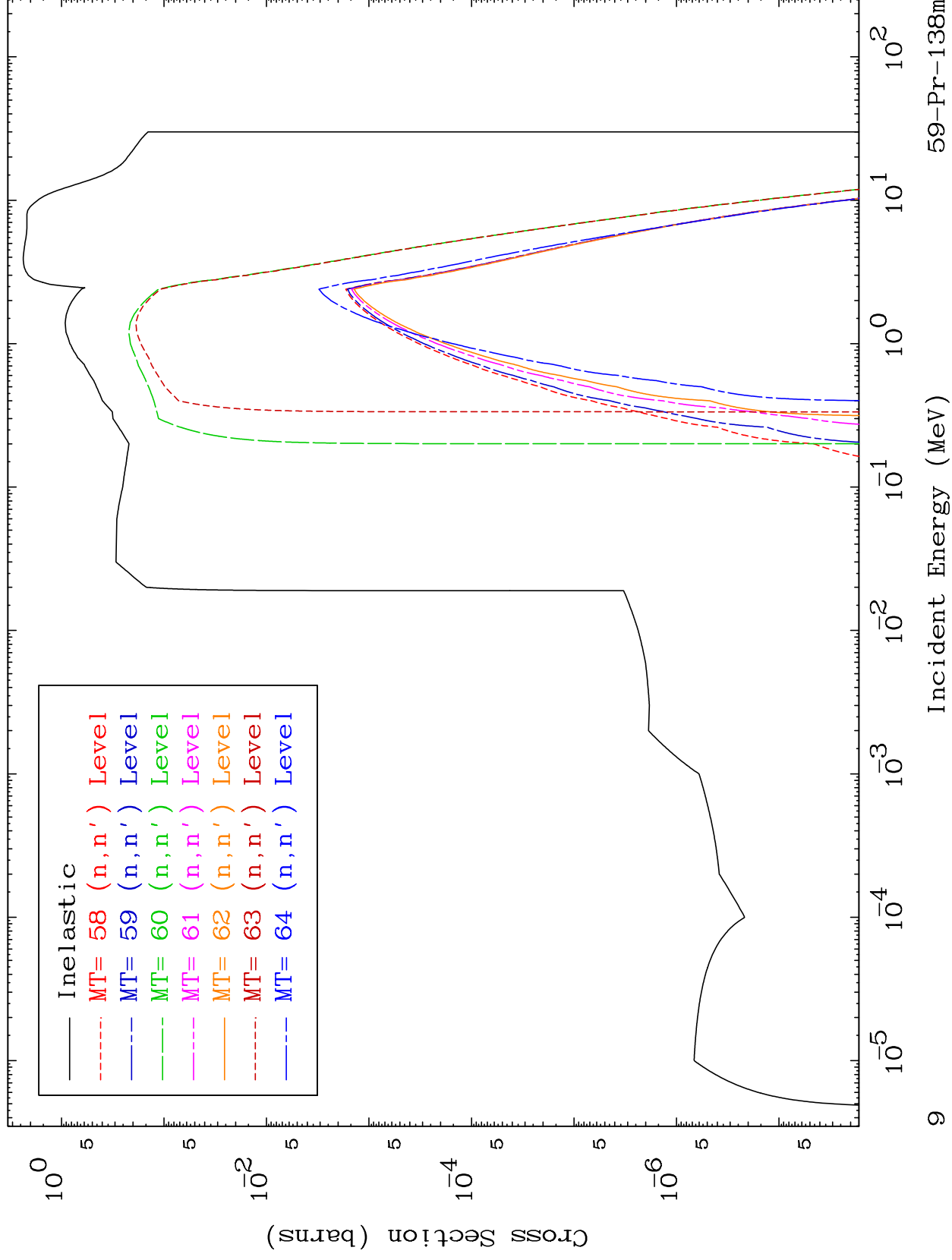
(n,n') Levels
293 Kelvin Cross Sections



MAT 5917

(n,n') Levels
293 Kelvin Cross Sections

59-Pr-138m

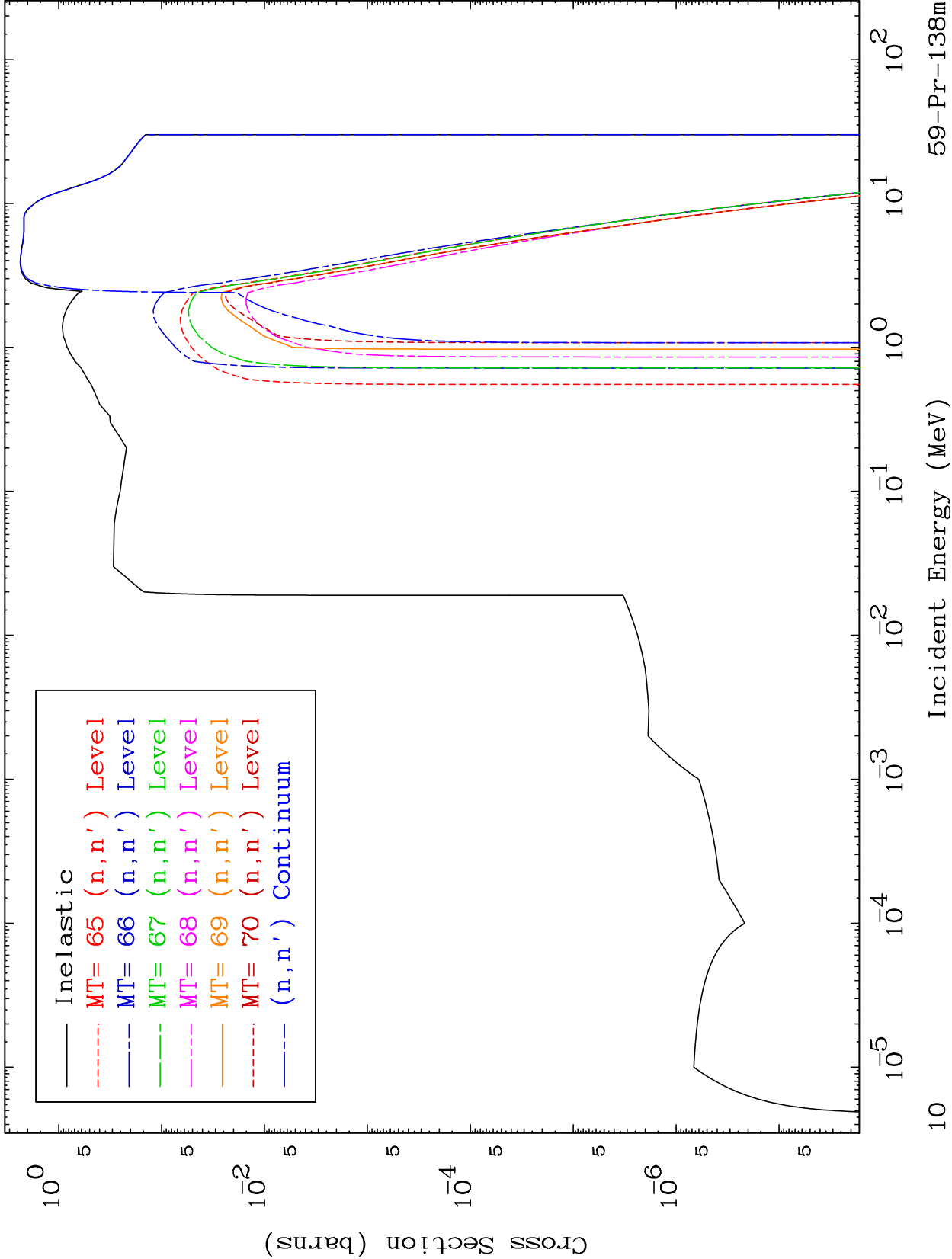


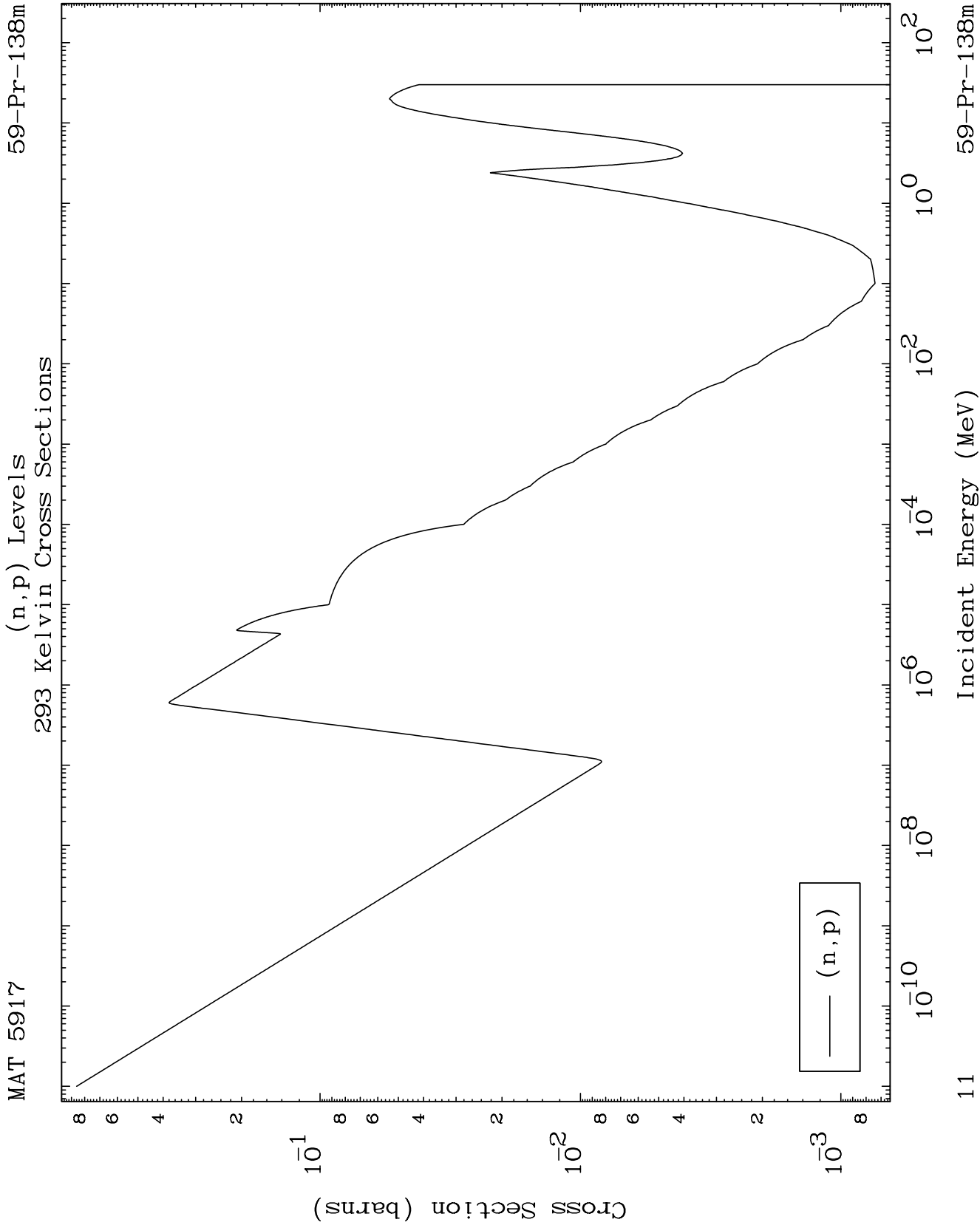
MAT 5917

(n,n') Levels

293 Kelvin Cross Sections

59-Pr-138m

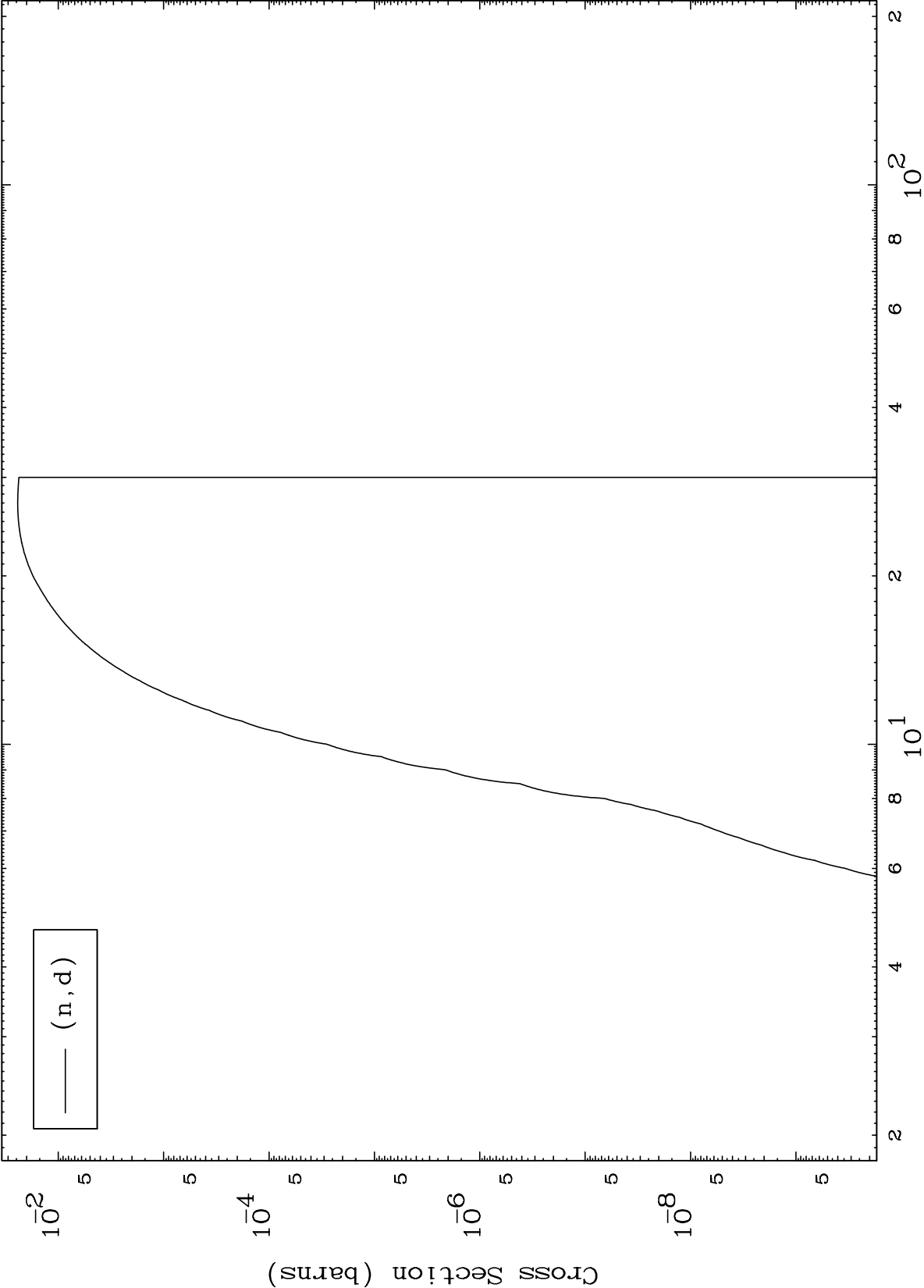




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(n,d) Levels
293 Kelvin Cross Sections

59-Pr-138m



12

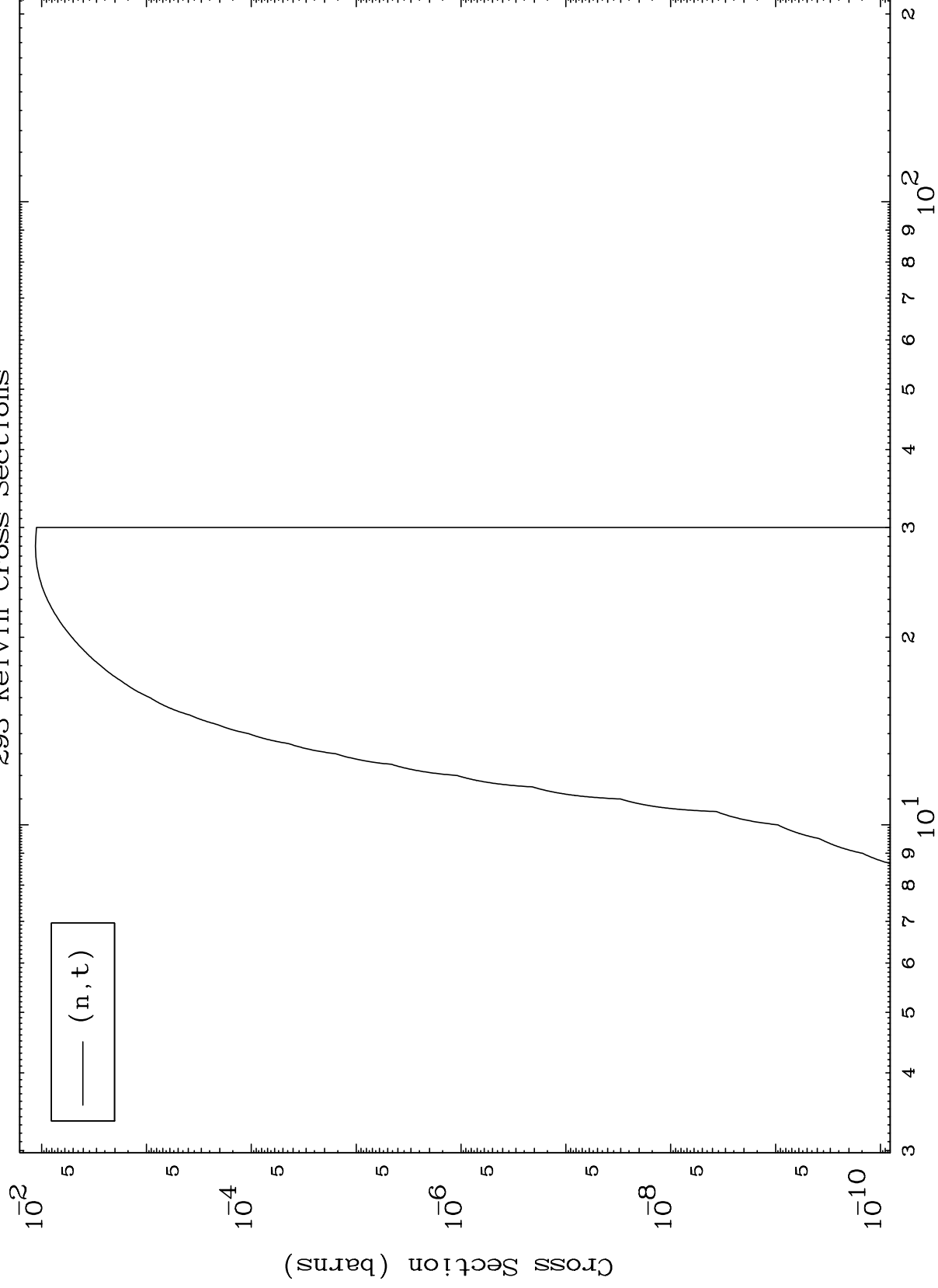
Incident Energy (MeV)

59-Pr-138m

MAT 5917

59-Pr-138m

(n,t) Levels
293 Kelvin Cross Sections



Incident Energy (MeV)

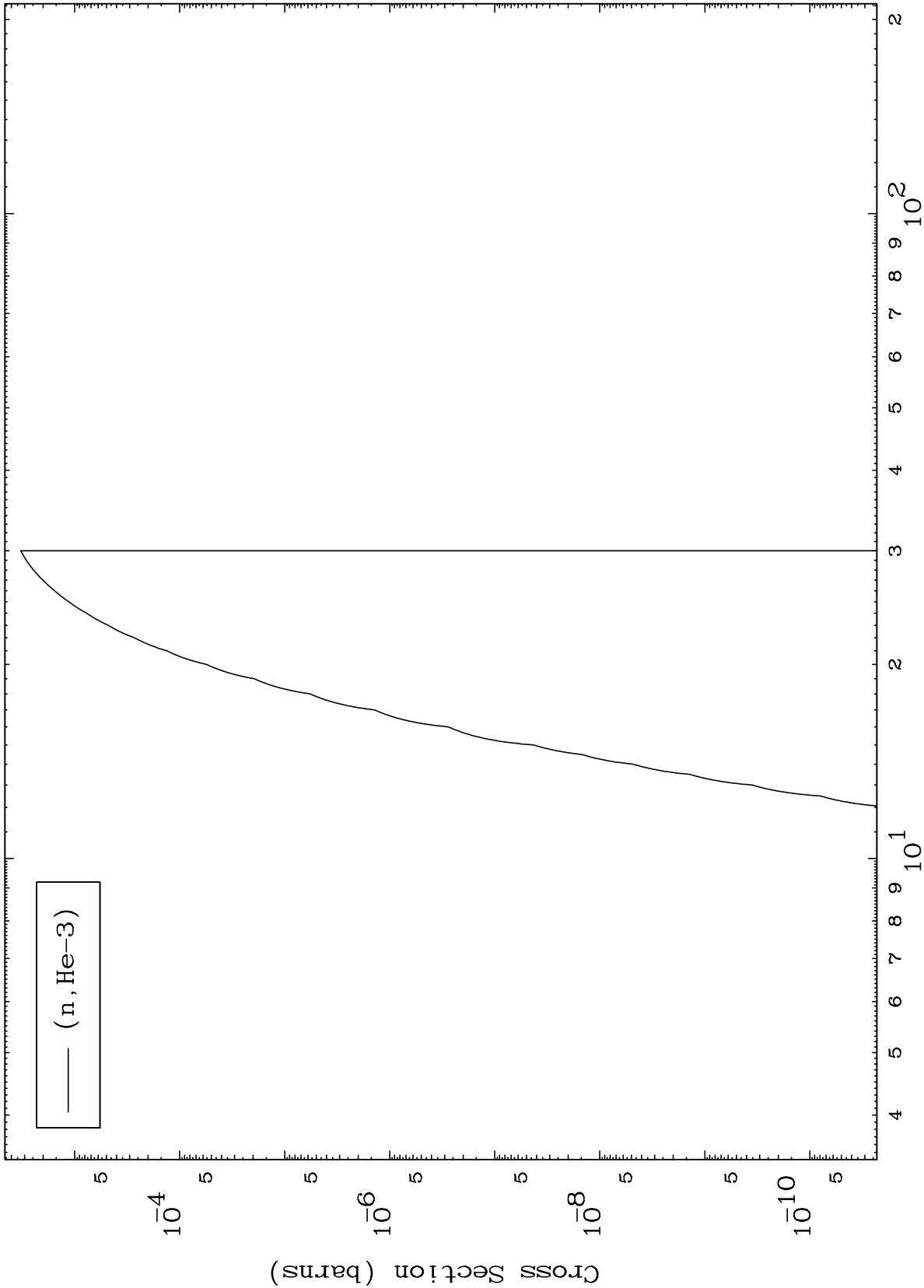
59-Pr-138m

13

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(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-138m



14

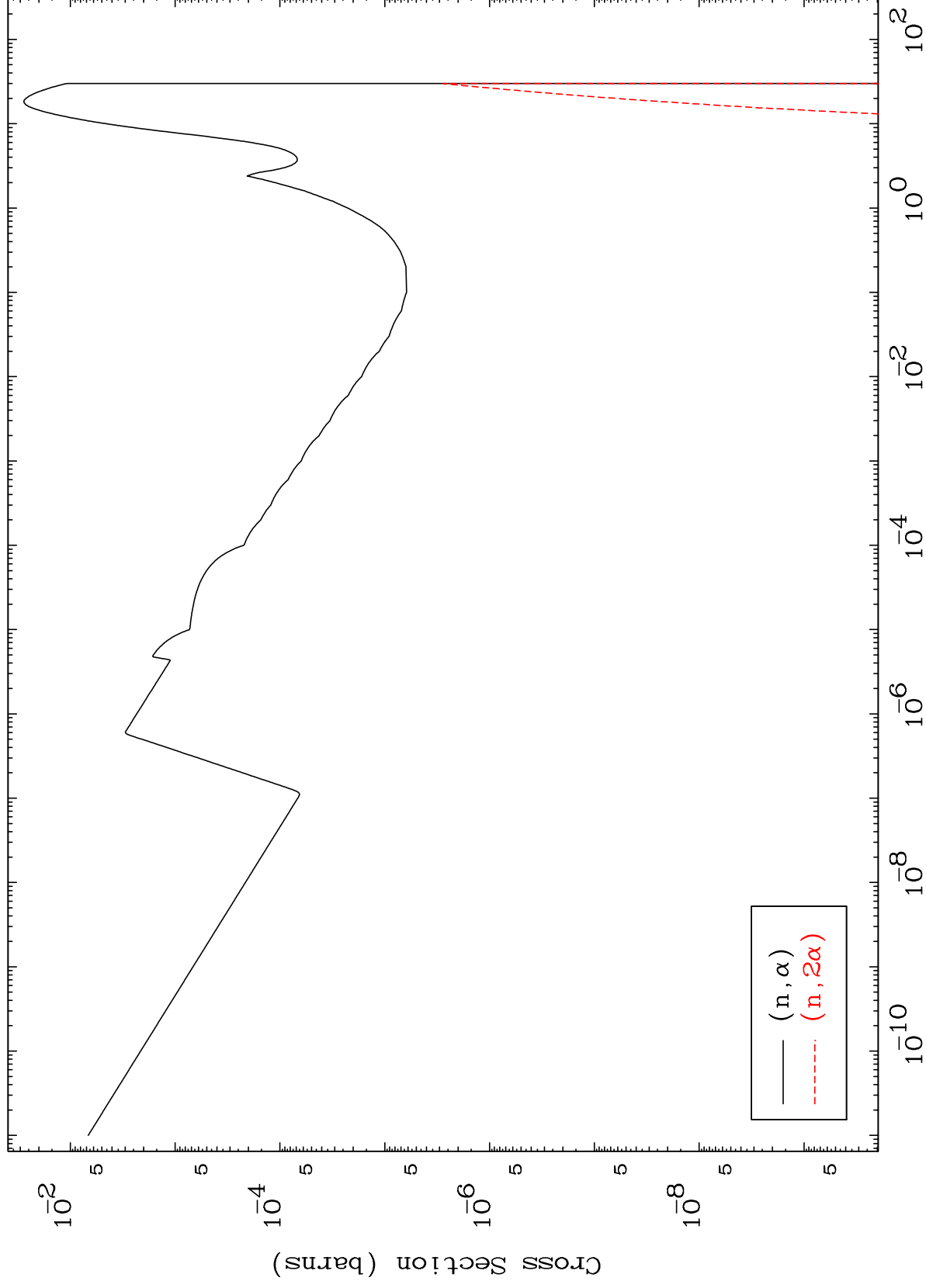
Incident Energy (MeV)

59-Pr-138m

MAT 5917

(n, α) Levels
293 Kelvin Cross Sections

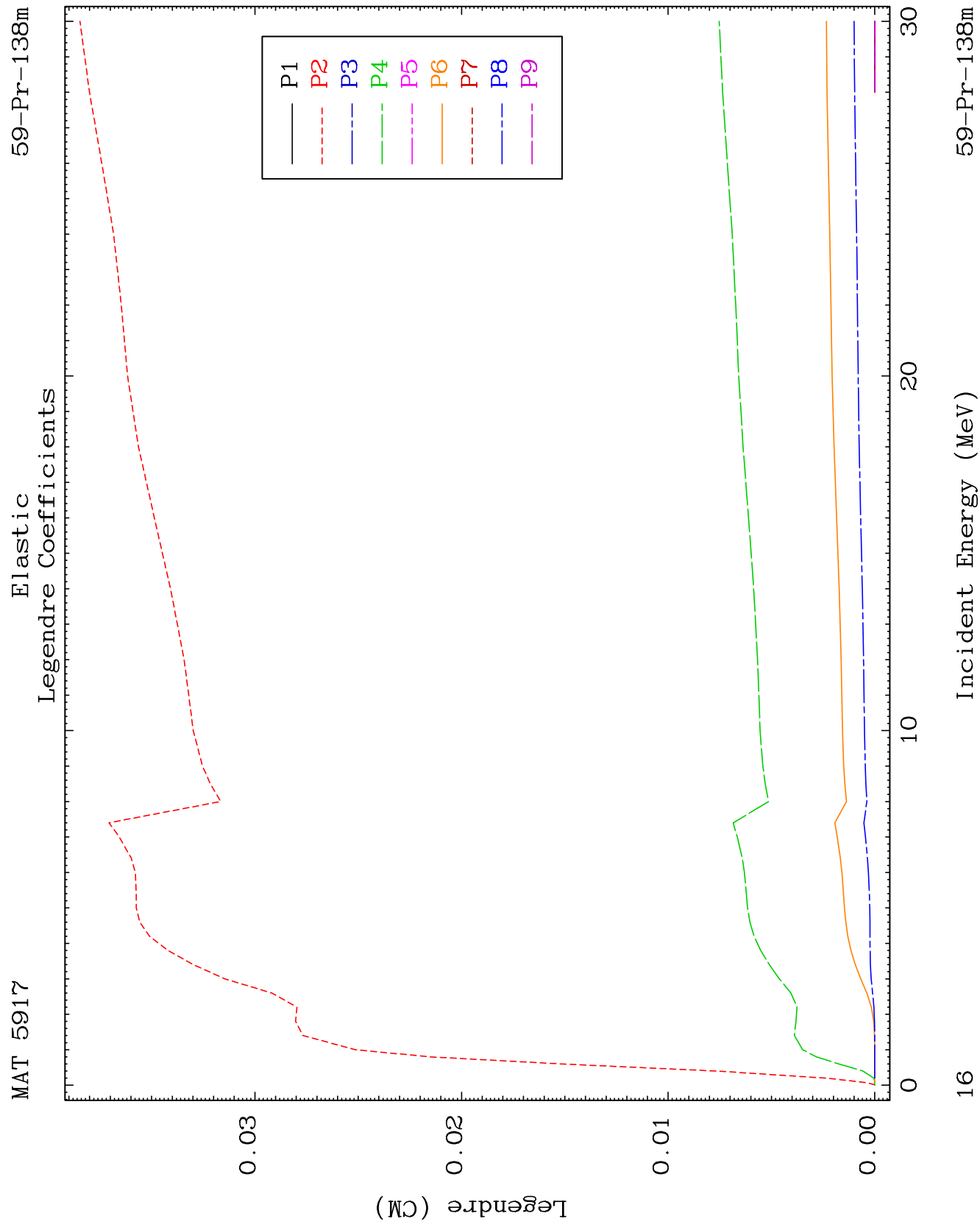
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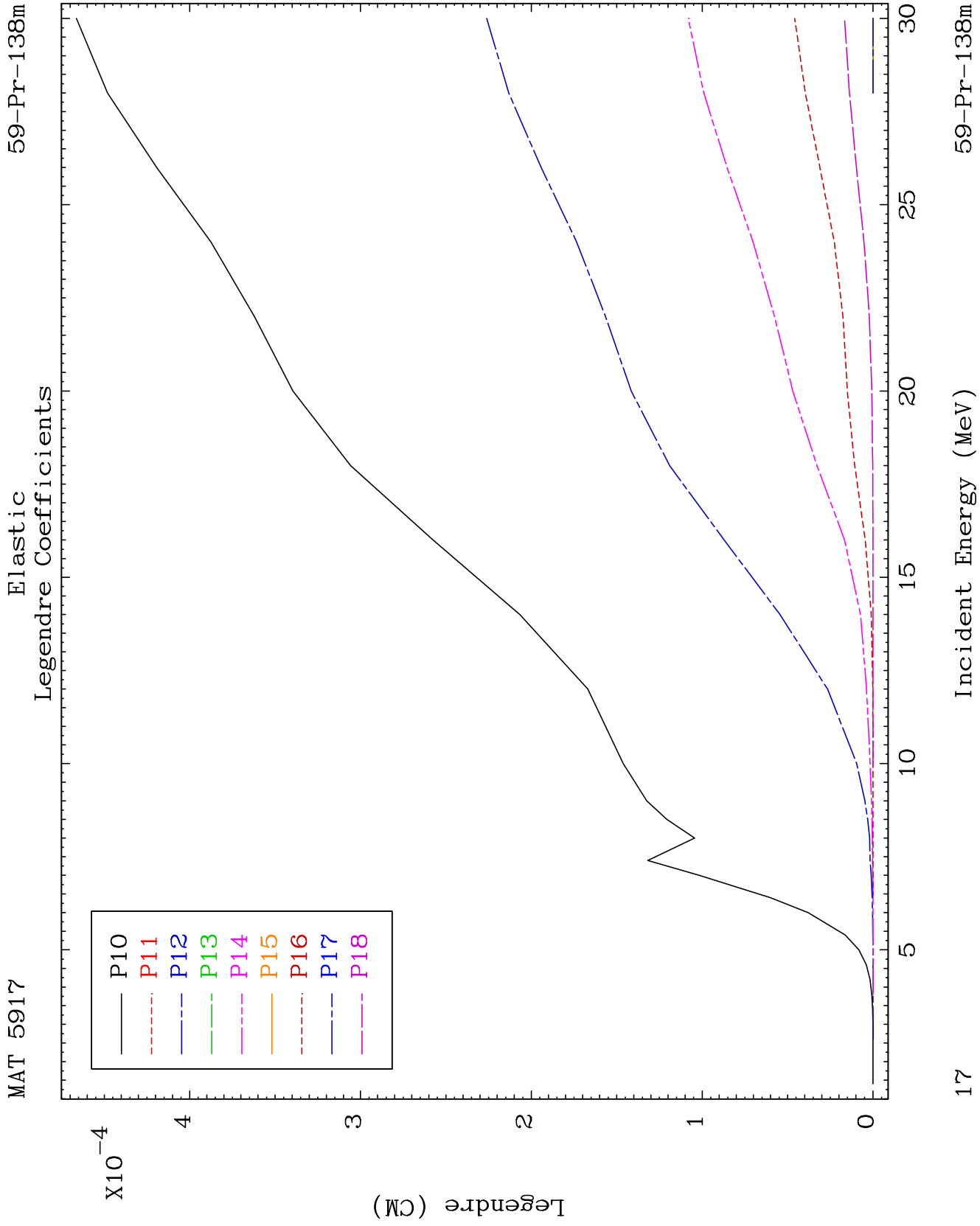


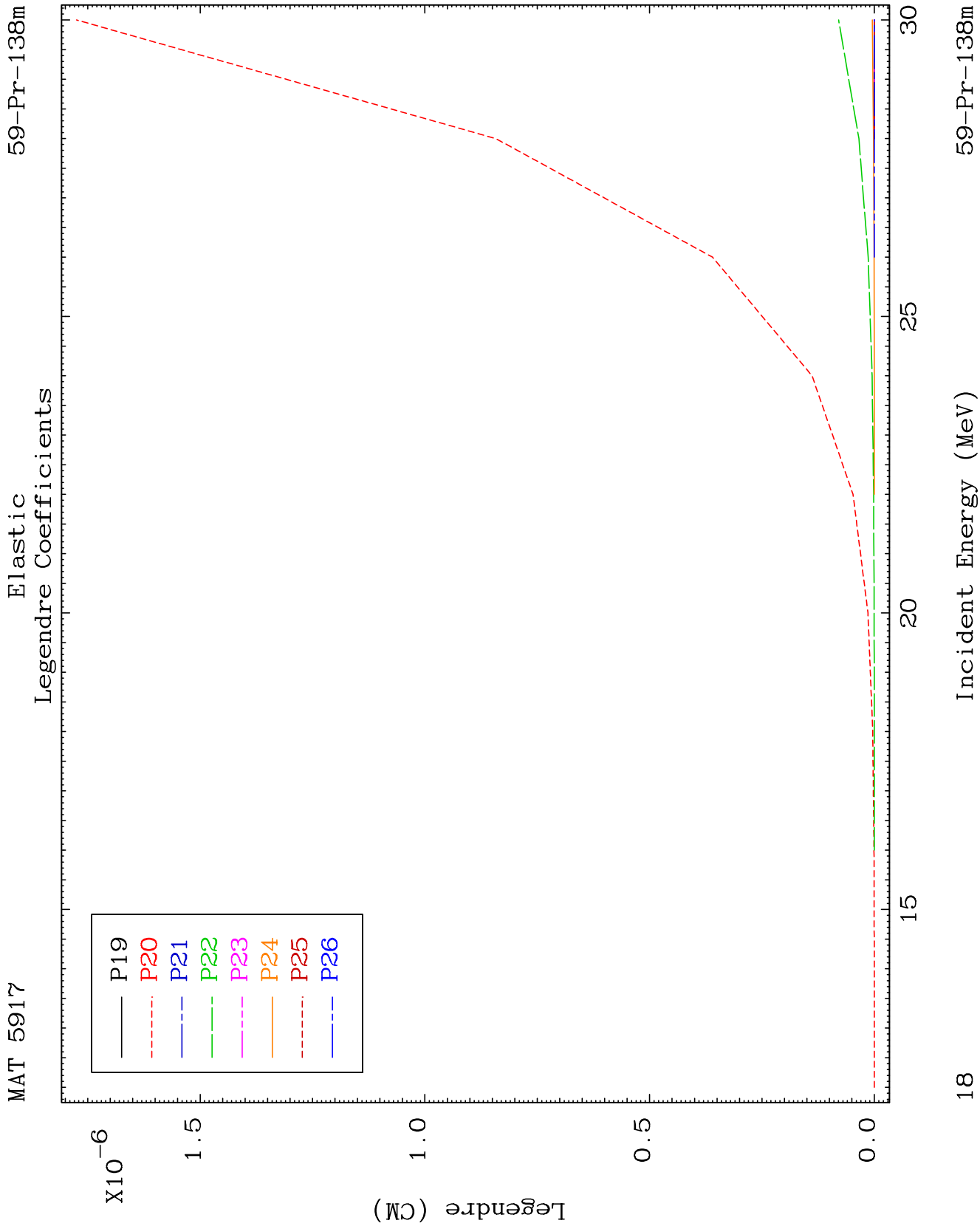
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Incident Energy (MeV)

59-Pr-138m



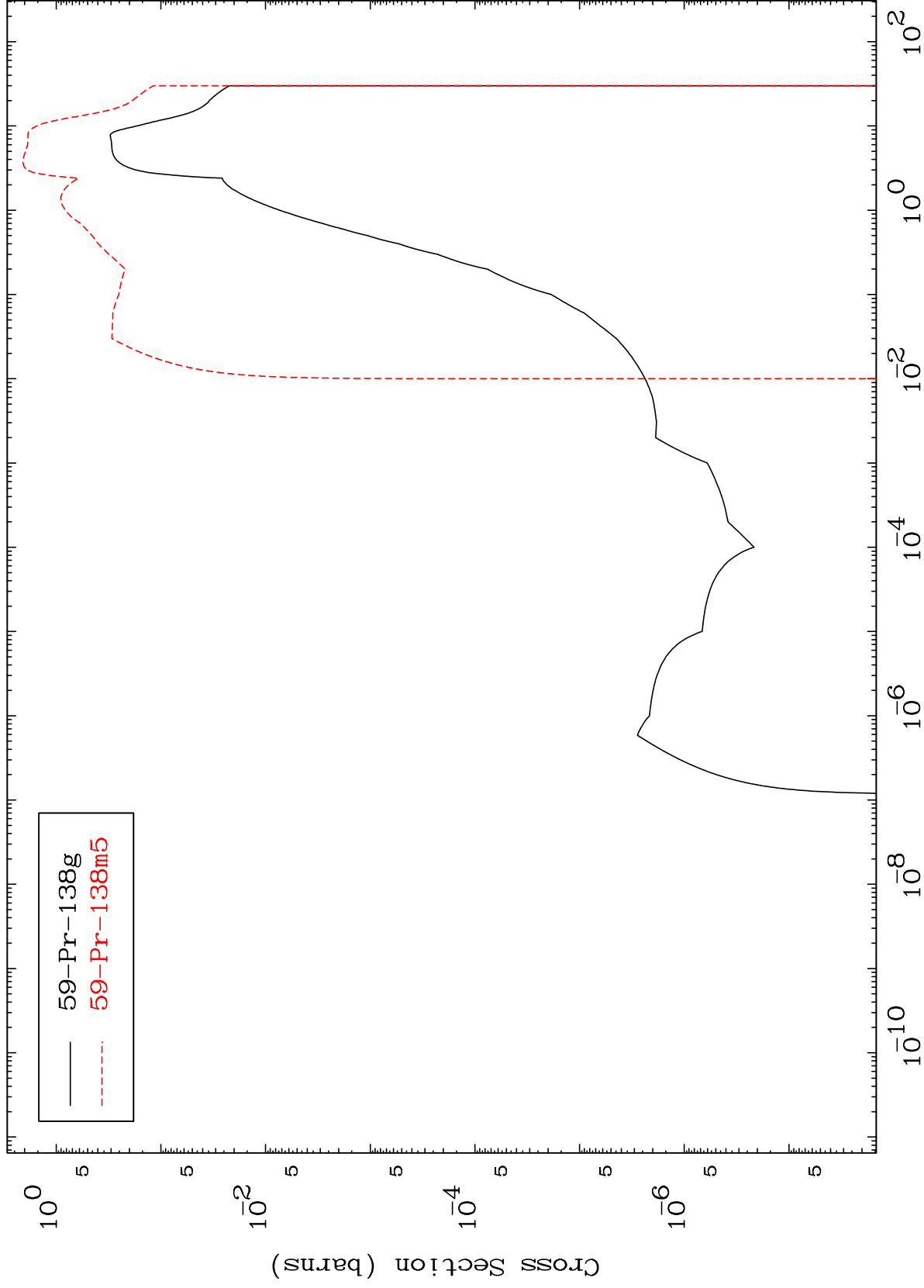




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Inelastic
Radionuclide Production Cross Section

59-Pr-138m



19

Incident Energy (MeV)

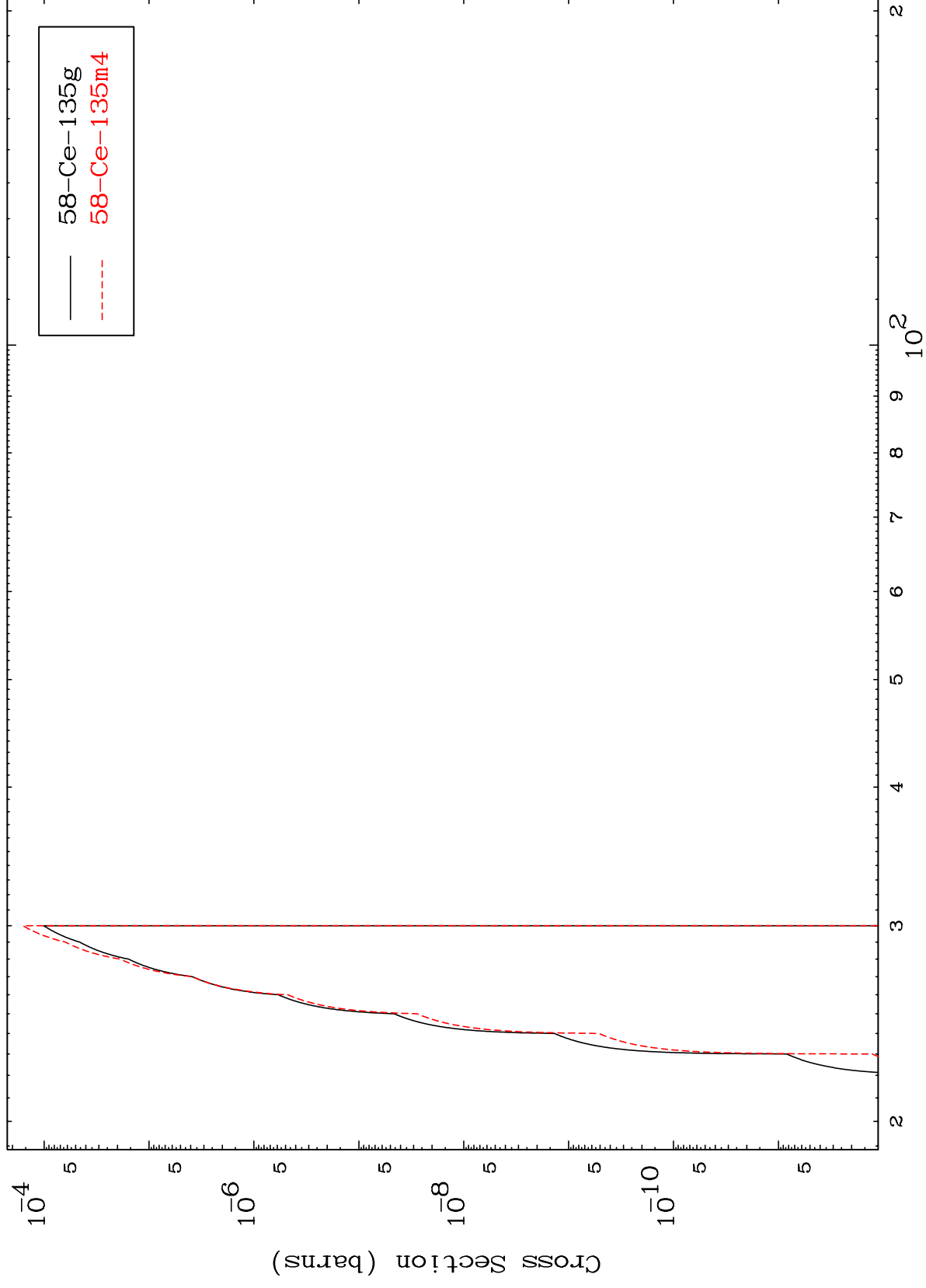
59-Pr-138m

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$$(n, 2n) \text{ d}$$

59-Pr-138m

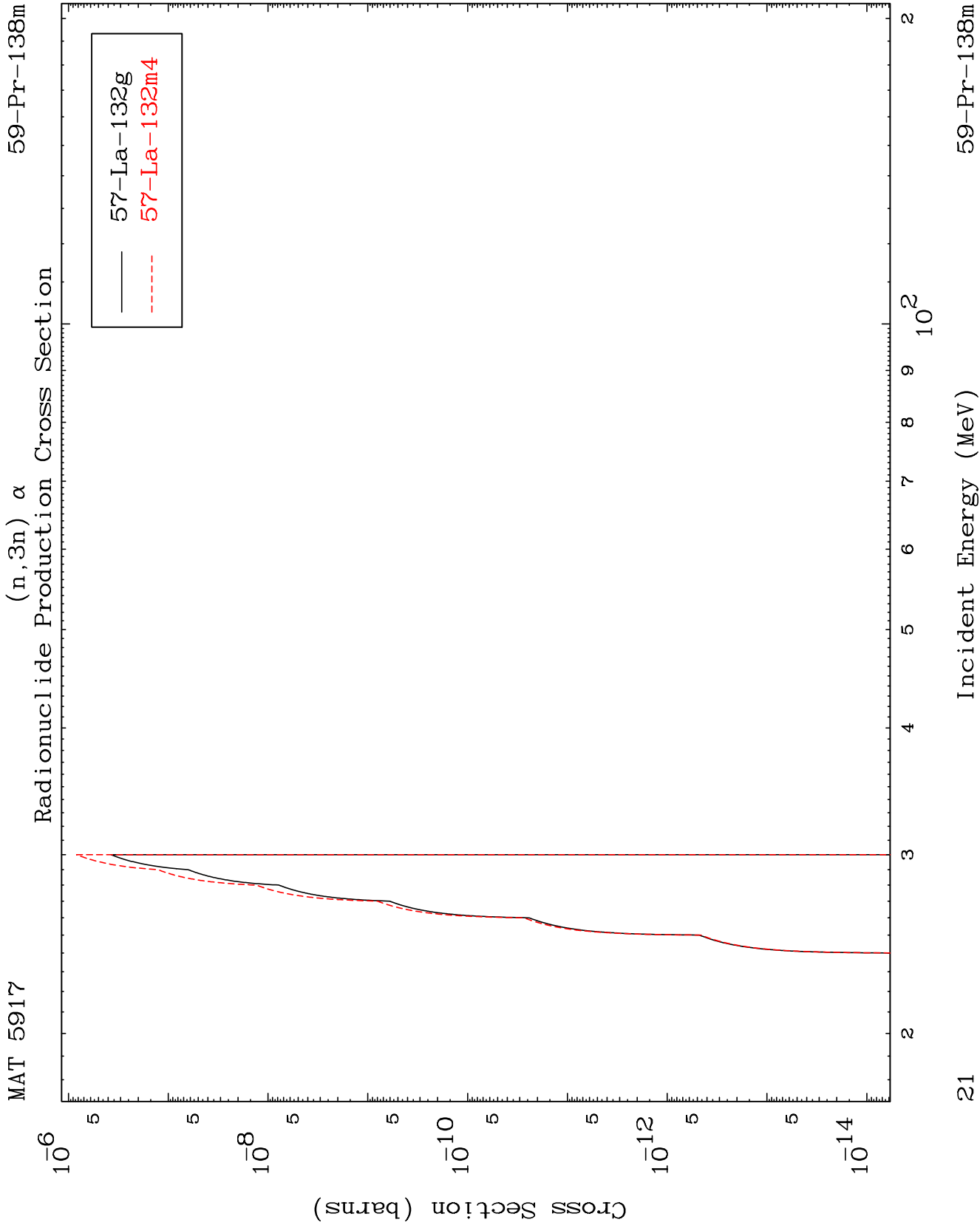
Radionuclide Production Cross Section



20

Incident Energy (MeV)

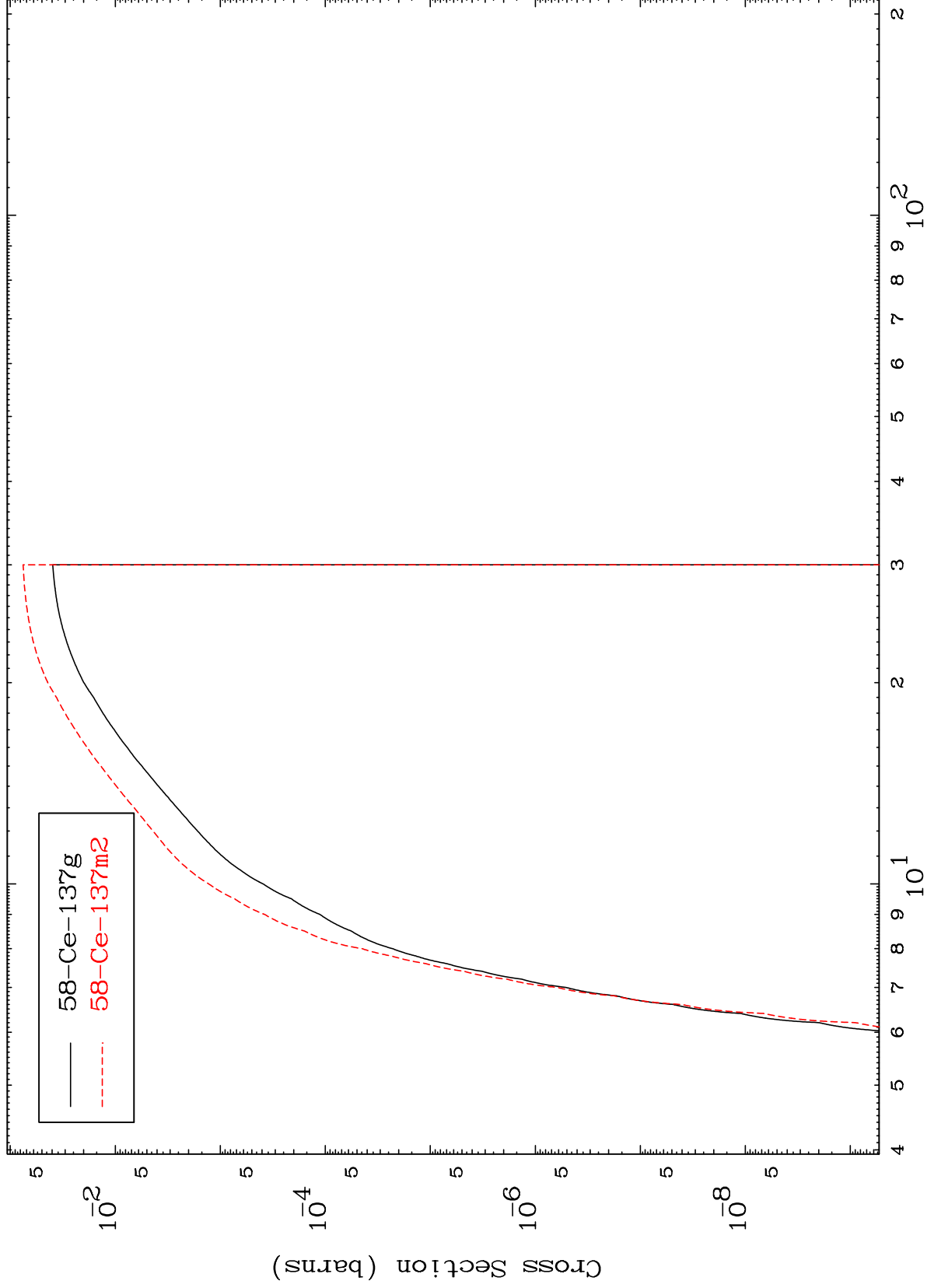
59-Pr-138m



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59-Pr-138m

(n,n') p
Radionuclide Production Cross Section



59-Pr-138m

Incident Energy (MeV)

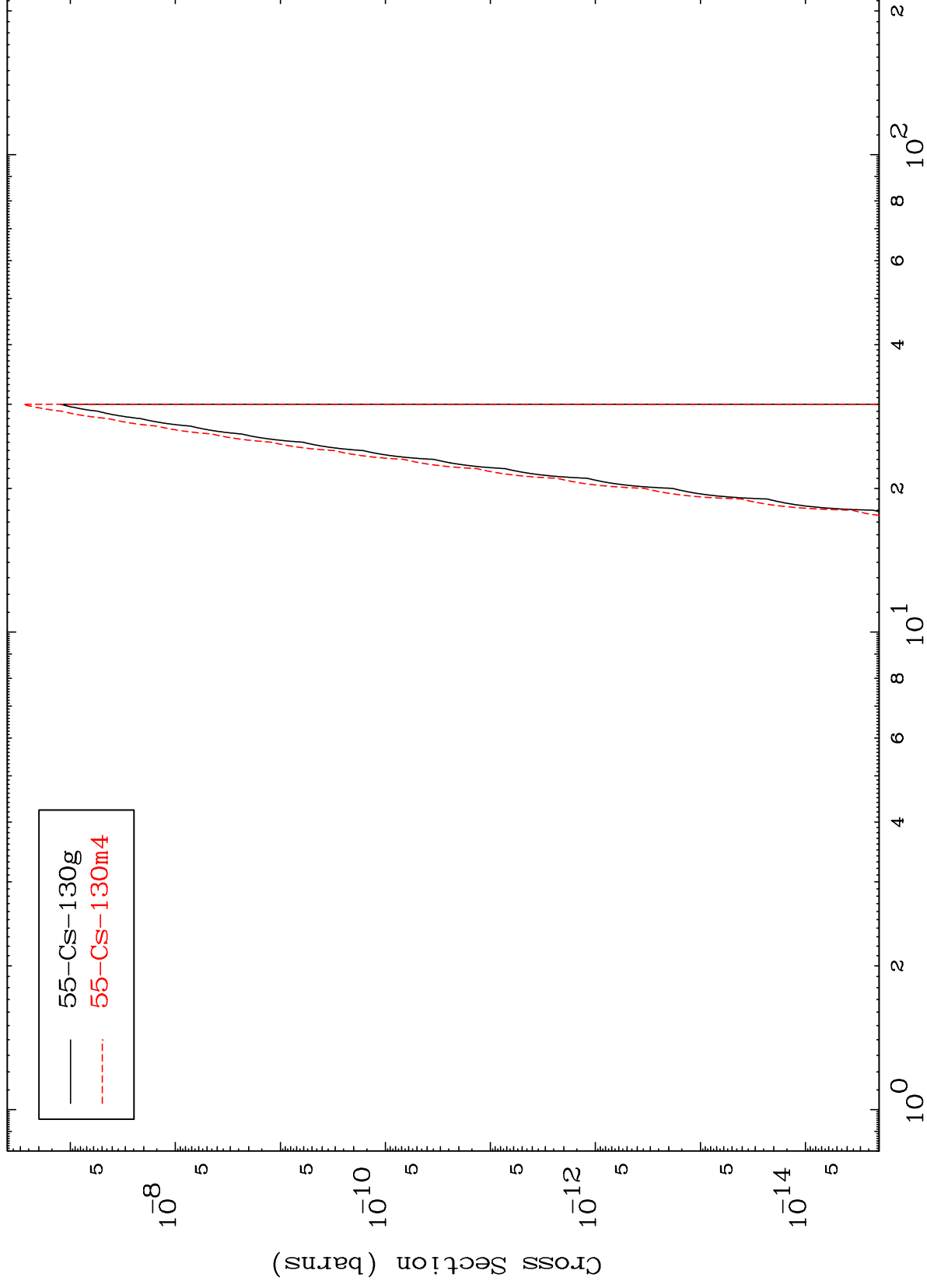
22

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(n,n') 2 α

59-Pr-138m

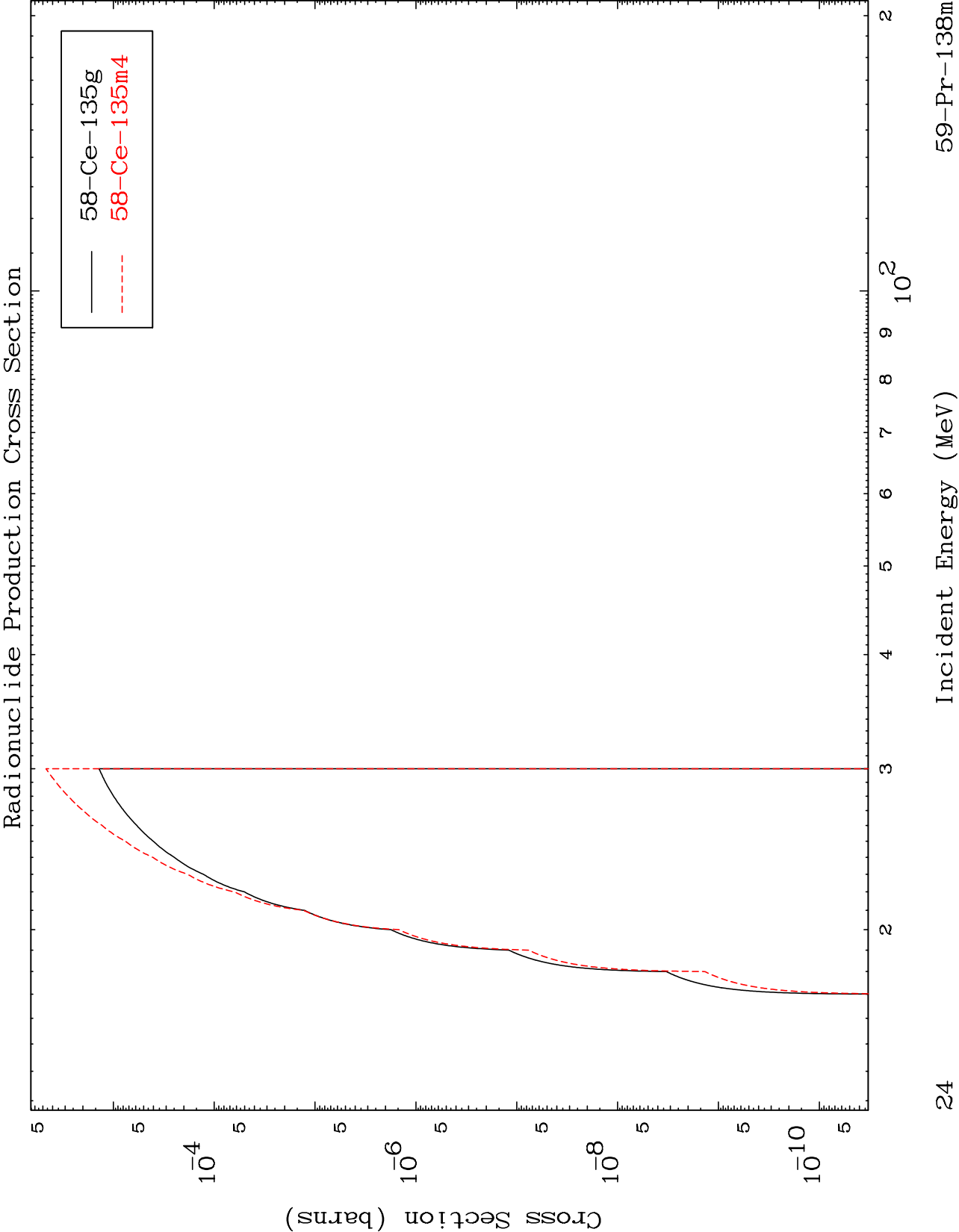
Radionuclide Production Cross Section



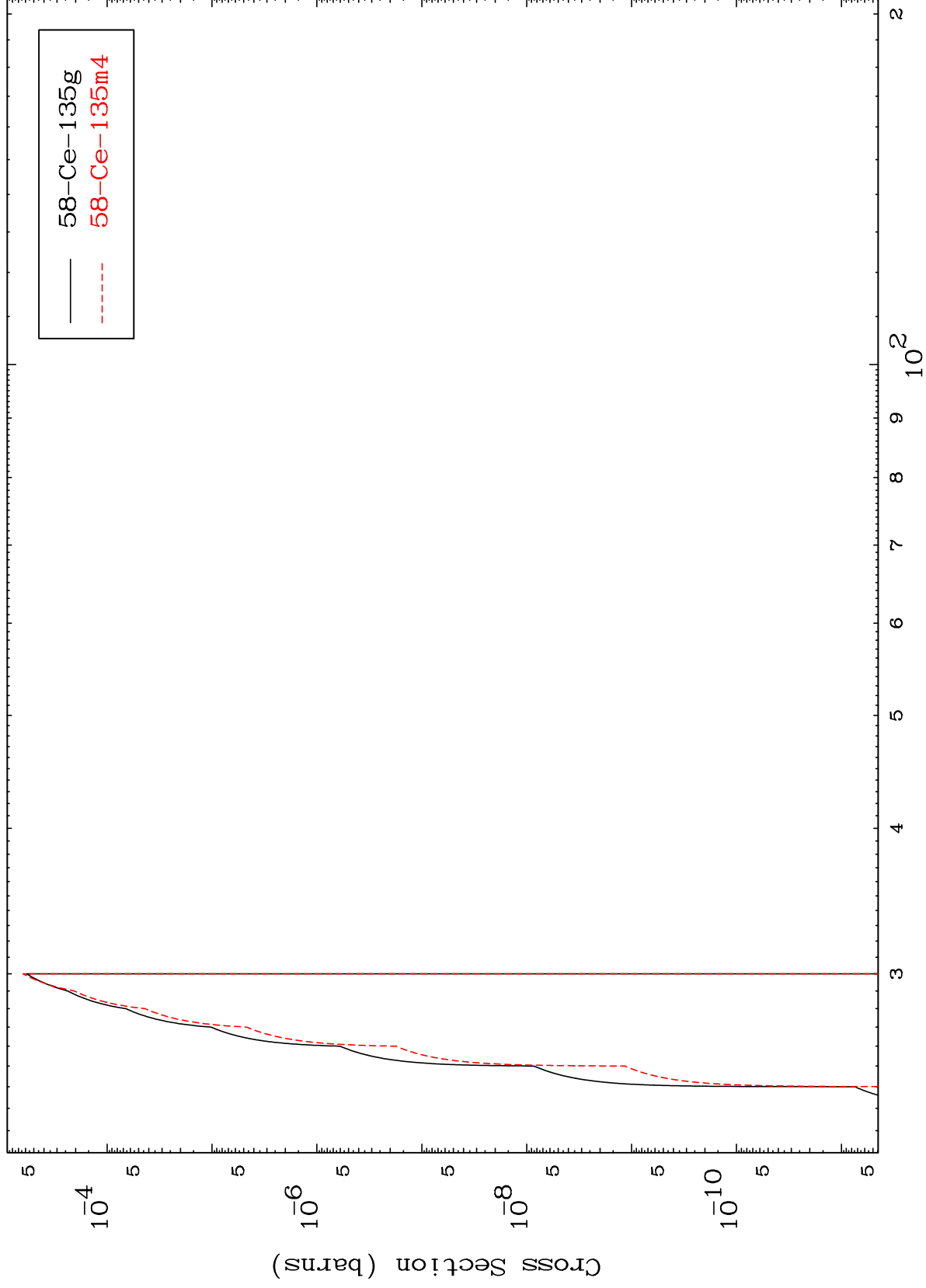
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Incident Energy (MeV)

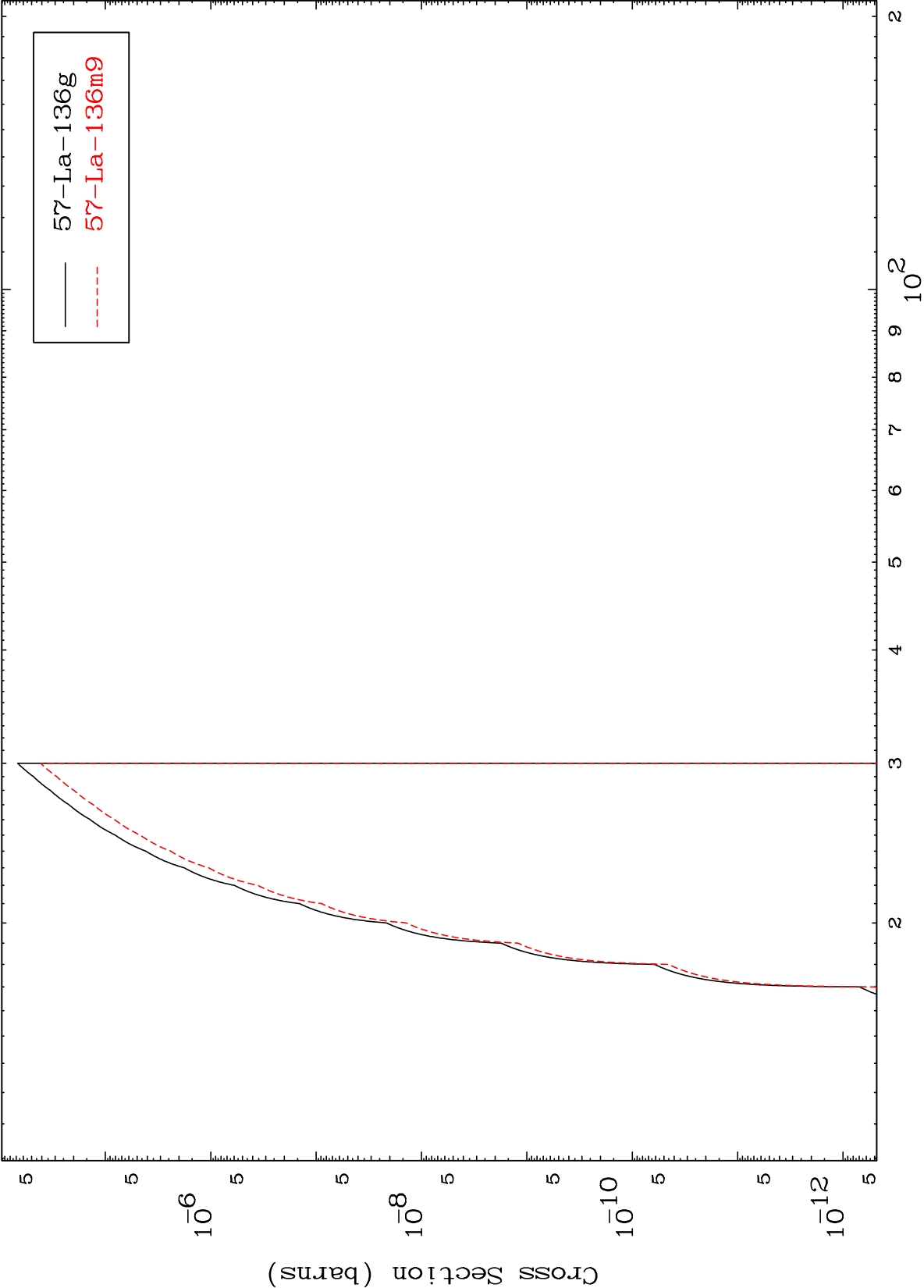
59-Pr-138m



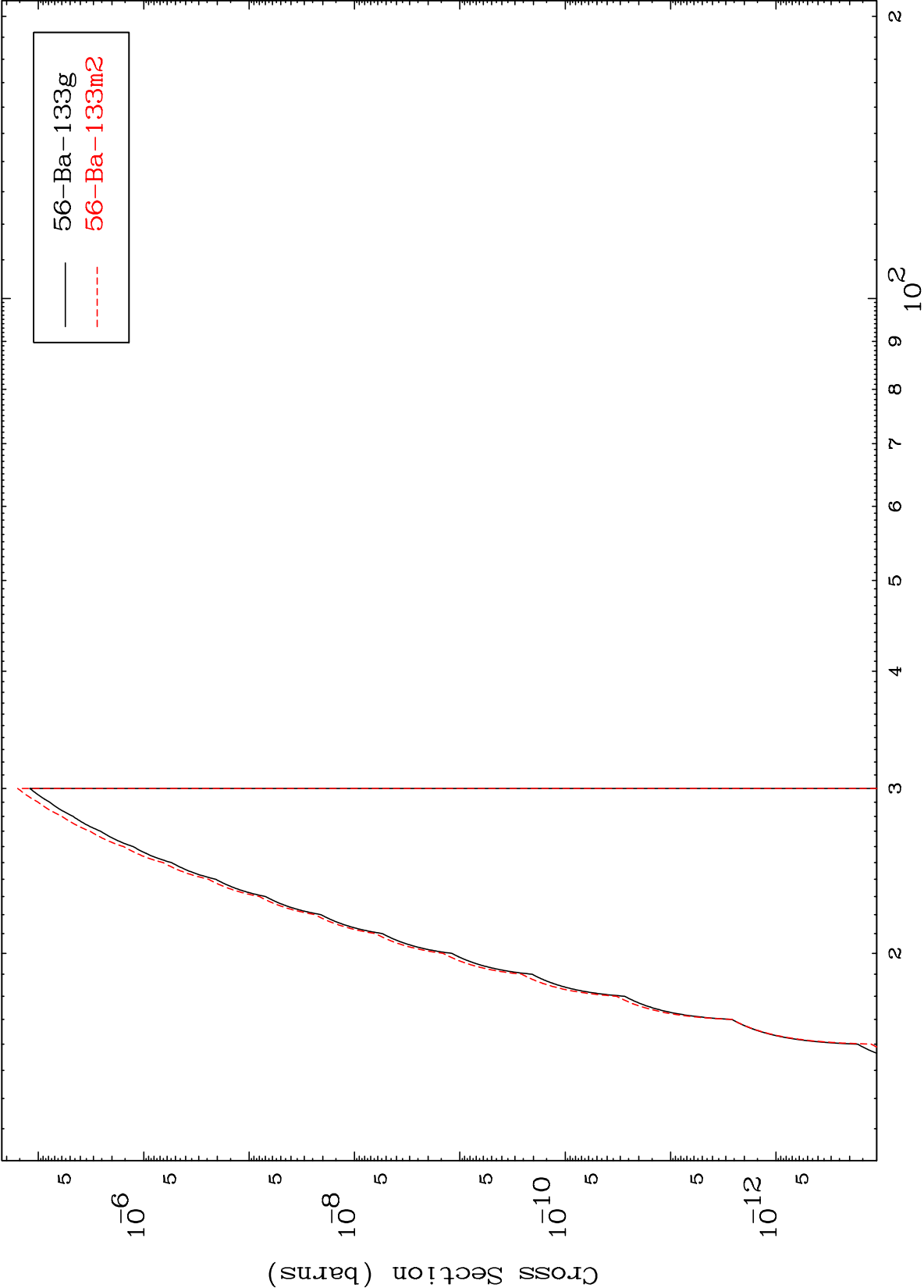
Radionuclide Production Cross Section



(n,2n) p
Radionuclide Production Cross Section



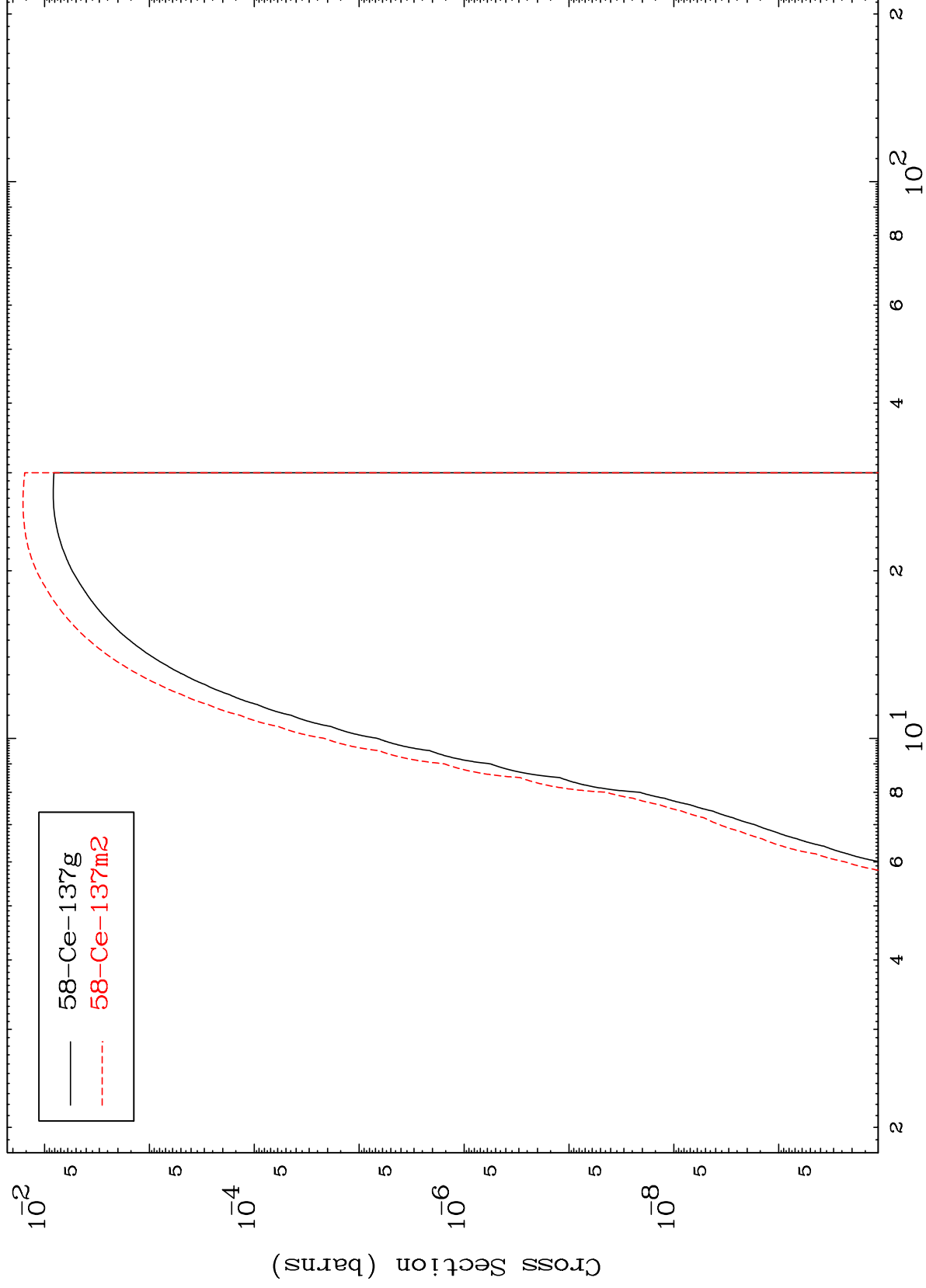
Radionuclide Production Cross Section



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59-Pr-138m

(n,d)
Radionuclide Production Cross Section



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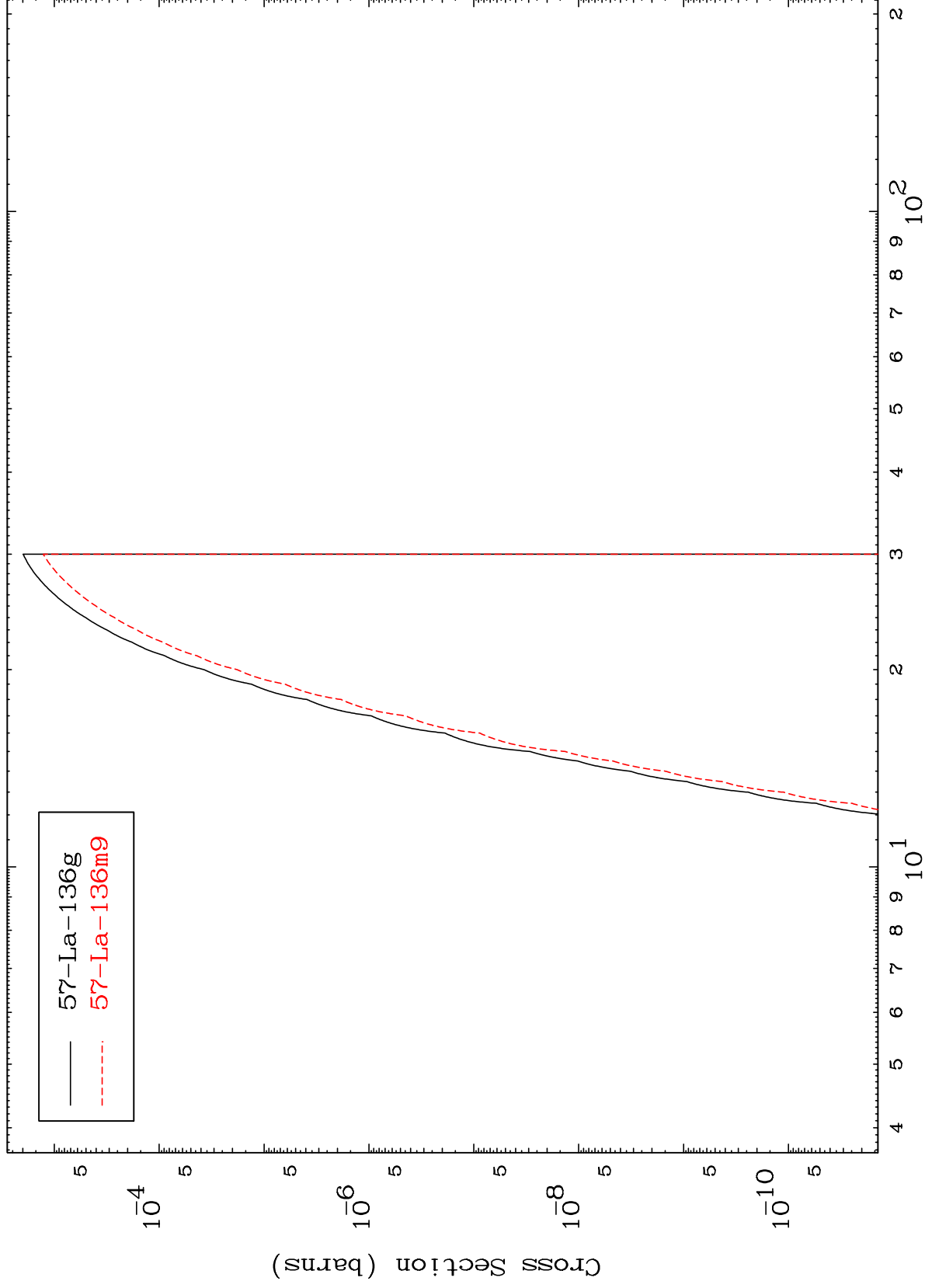
Incident Energy (MeV)

59-Pr-138m

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59-Pr-138m

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-138m

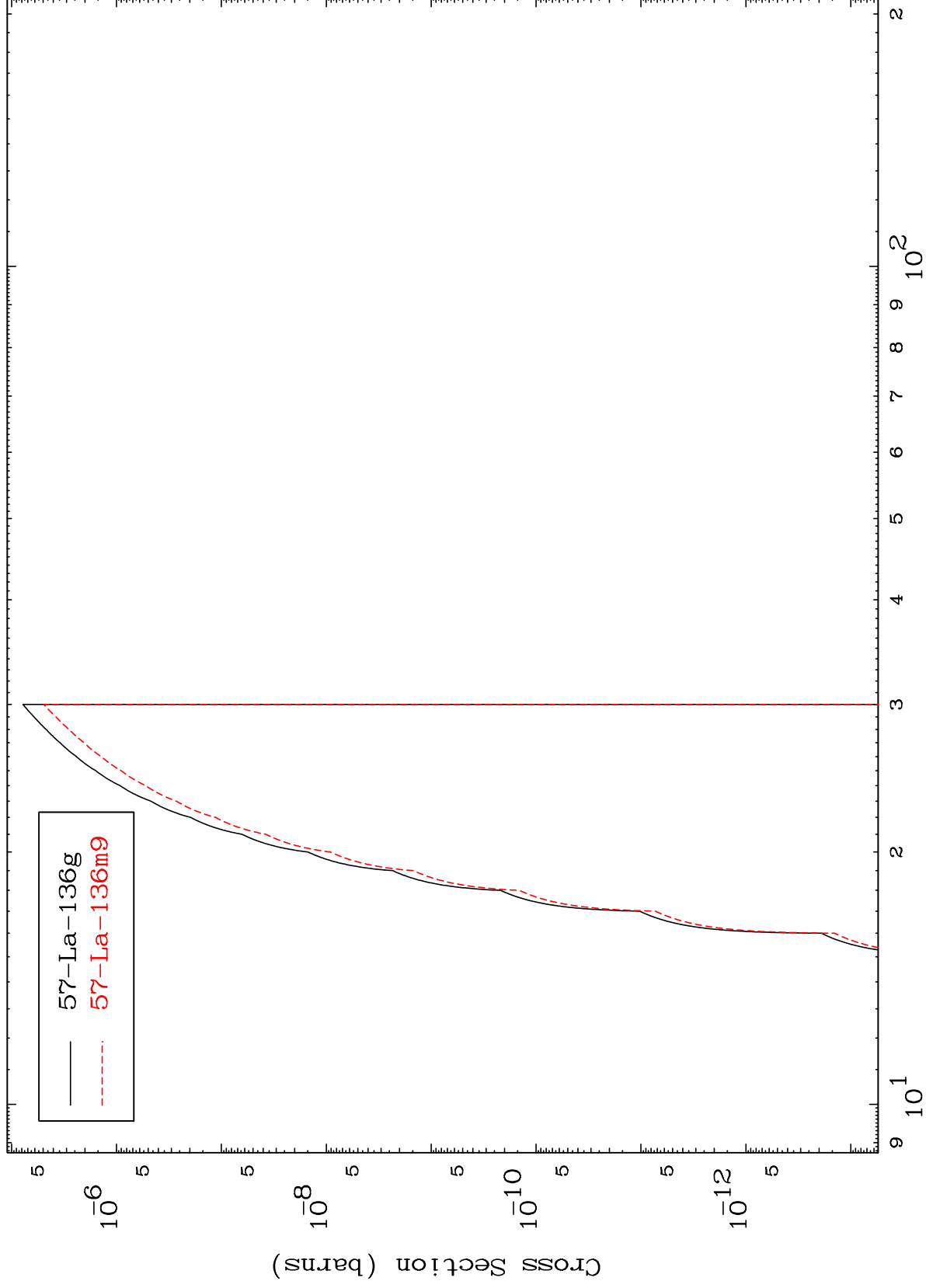
29

MAT 5917

(n,p) d

59-Pr-138m

Radionuclide Production Cross Section



Incident Energy (MeV)

59-Pr-138m

(n,d) α
Radionuclide Production Cross Section

