

Program EVALPLOT
(Version 2021-1)

by

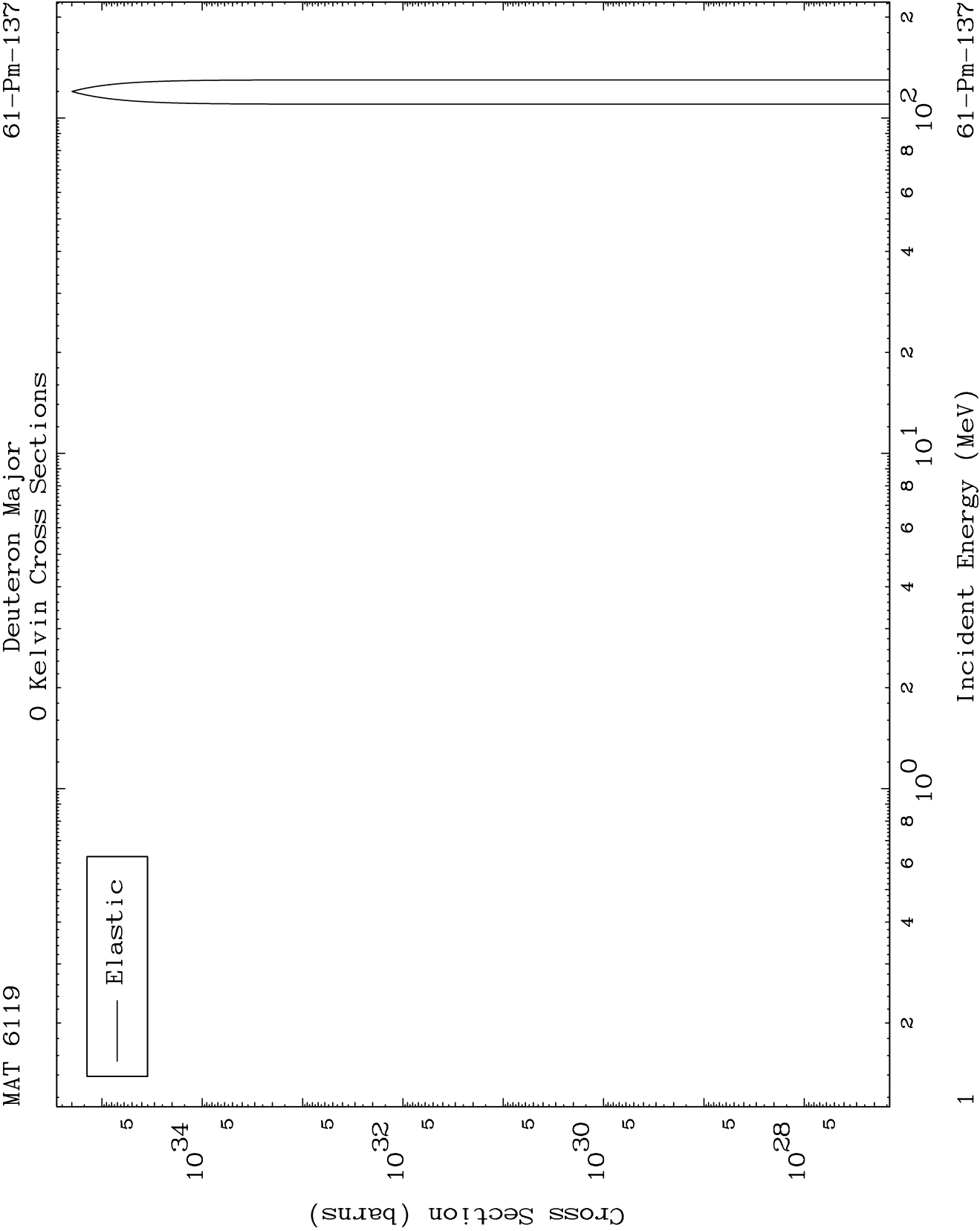
Dermott E. Cullen
(Present Contact Information)

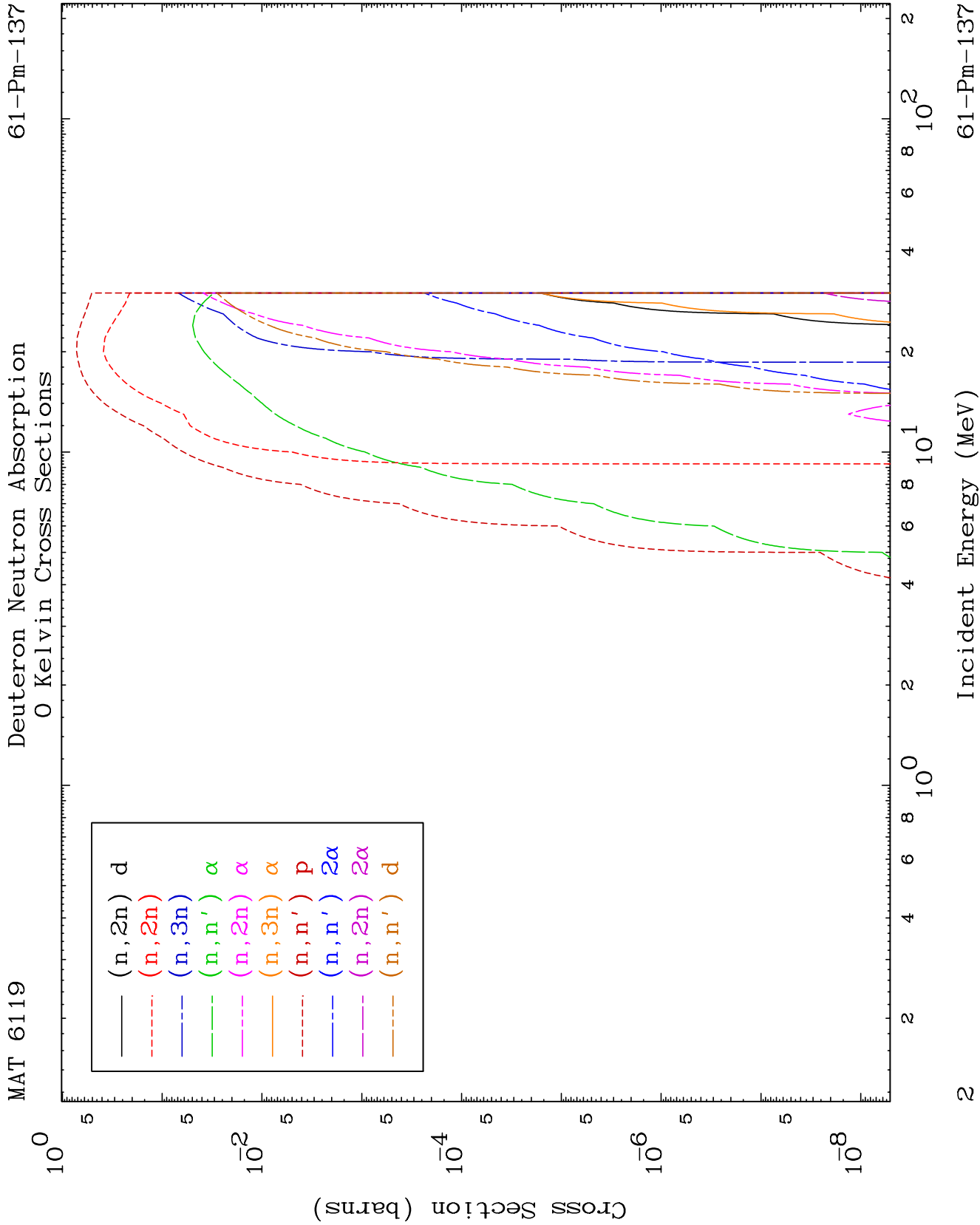
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

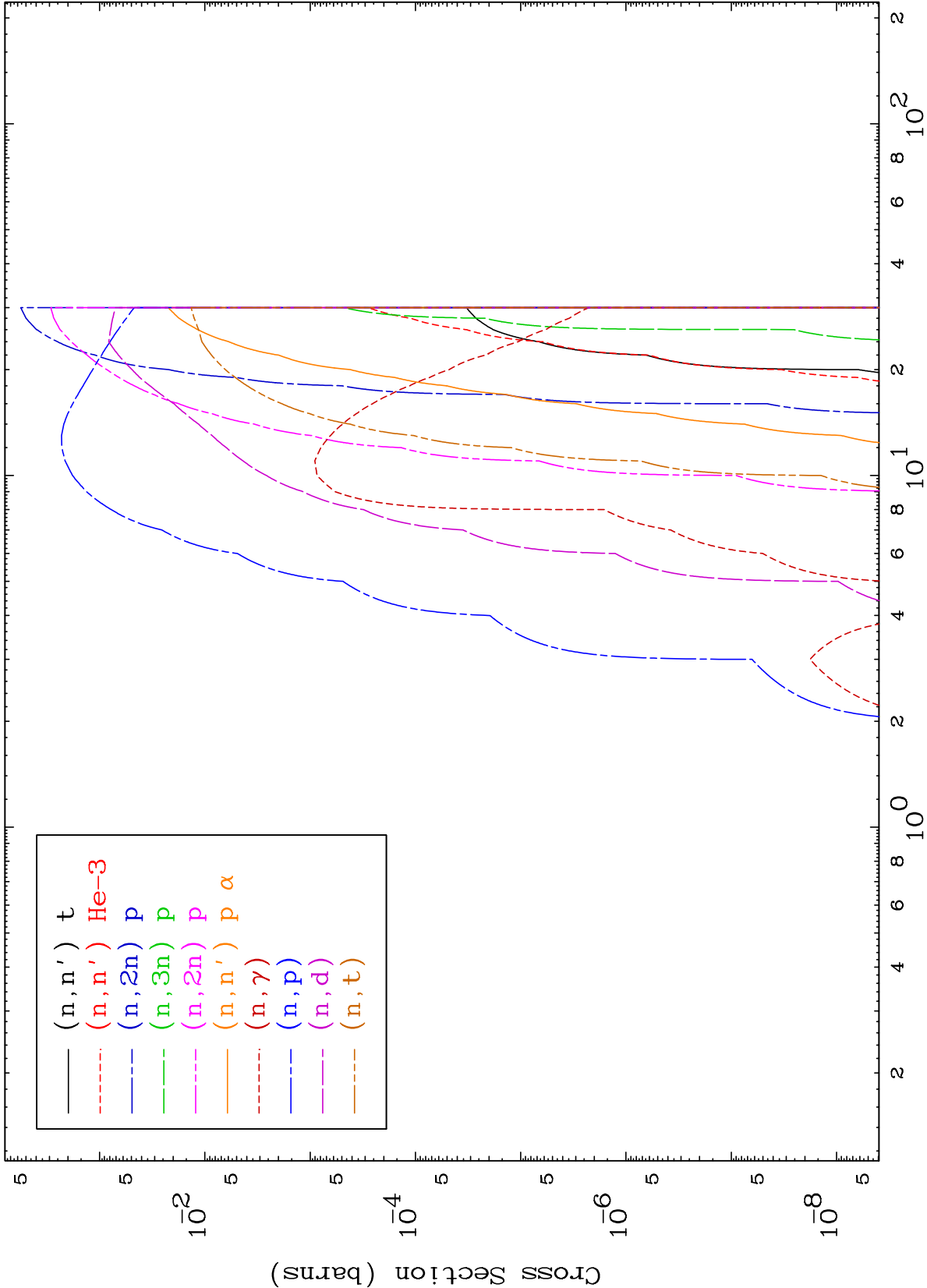
Tele: 925-443-1911

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

Press Mouse Button to Start



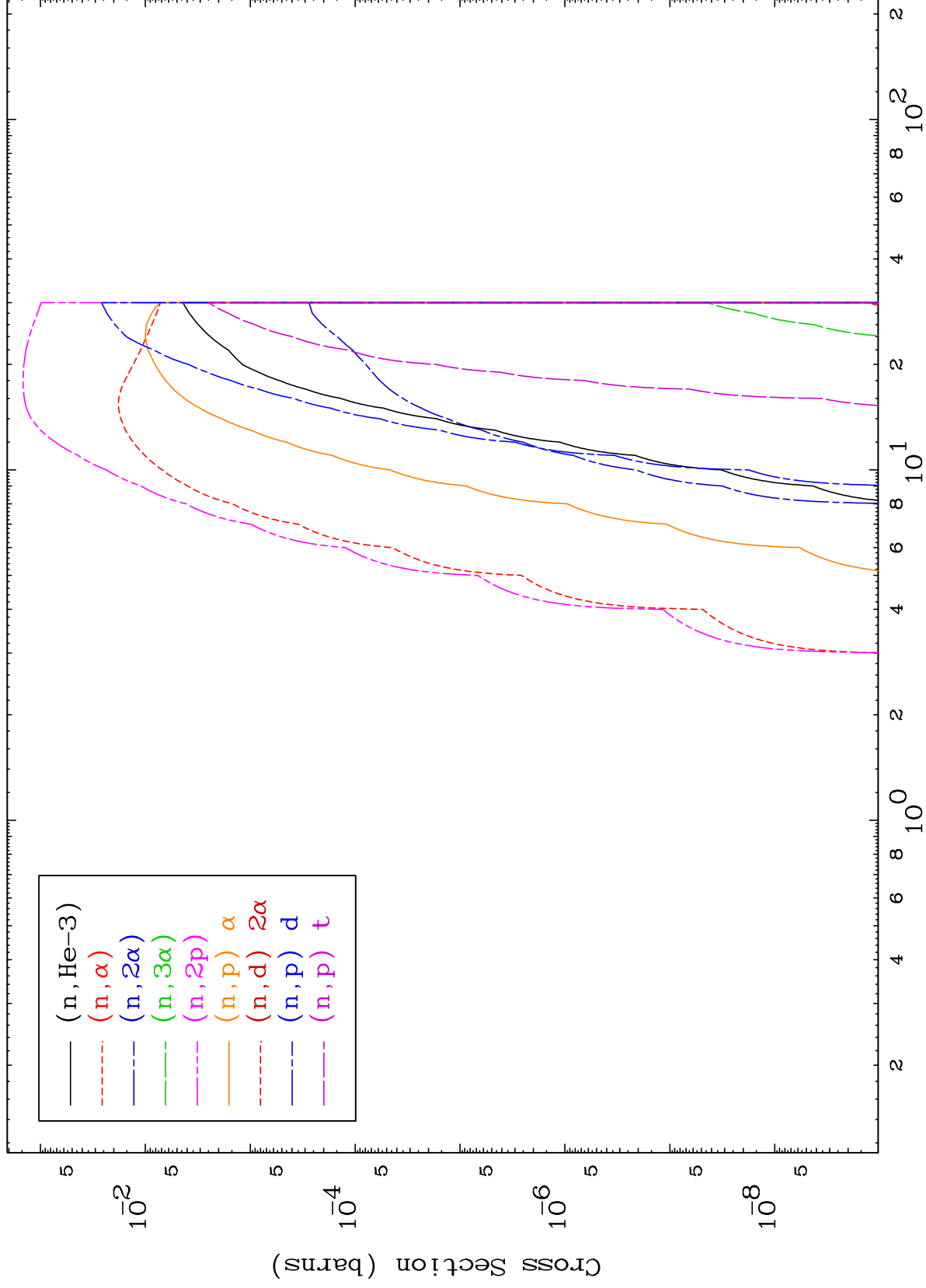


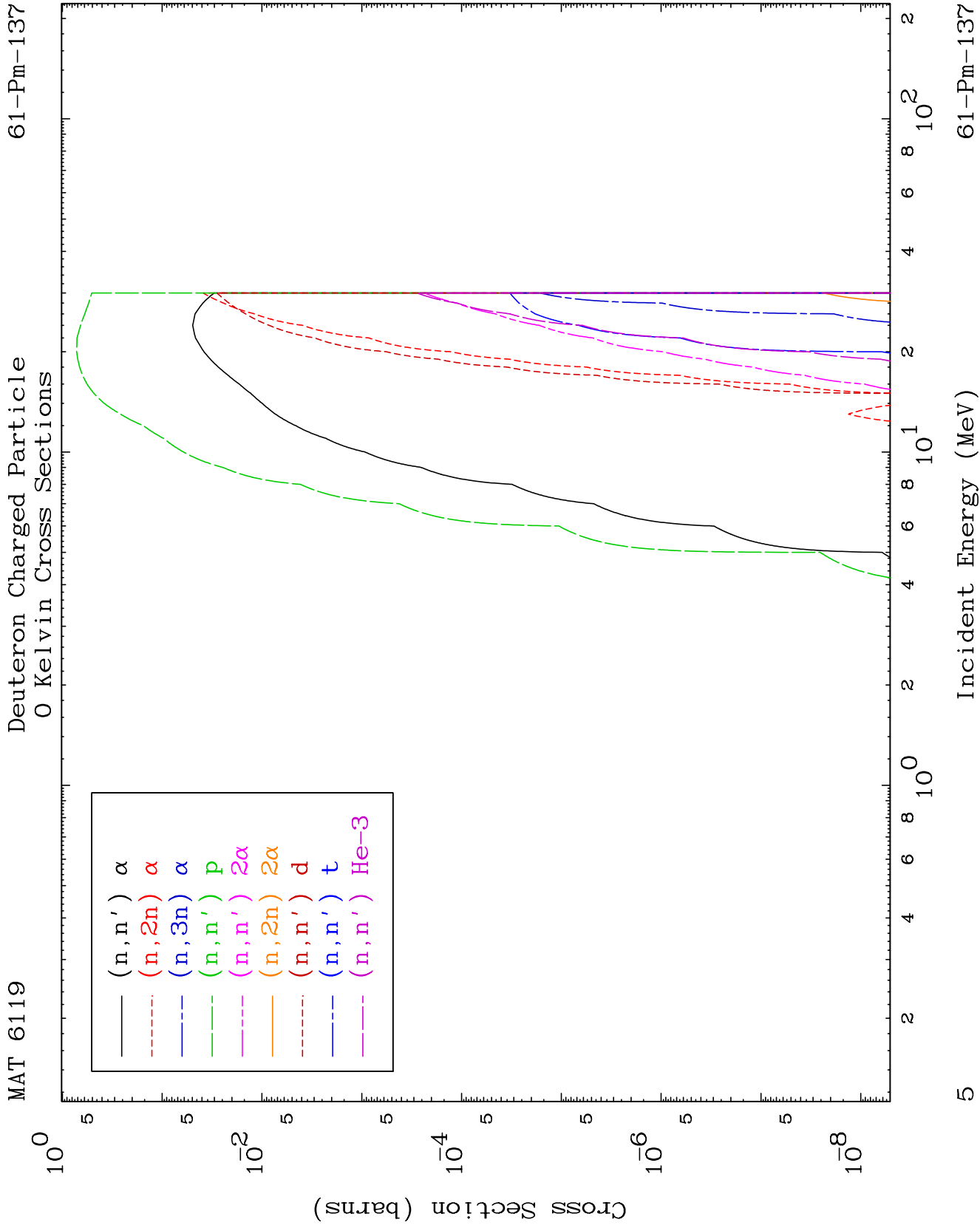


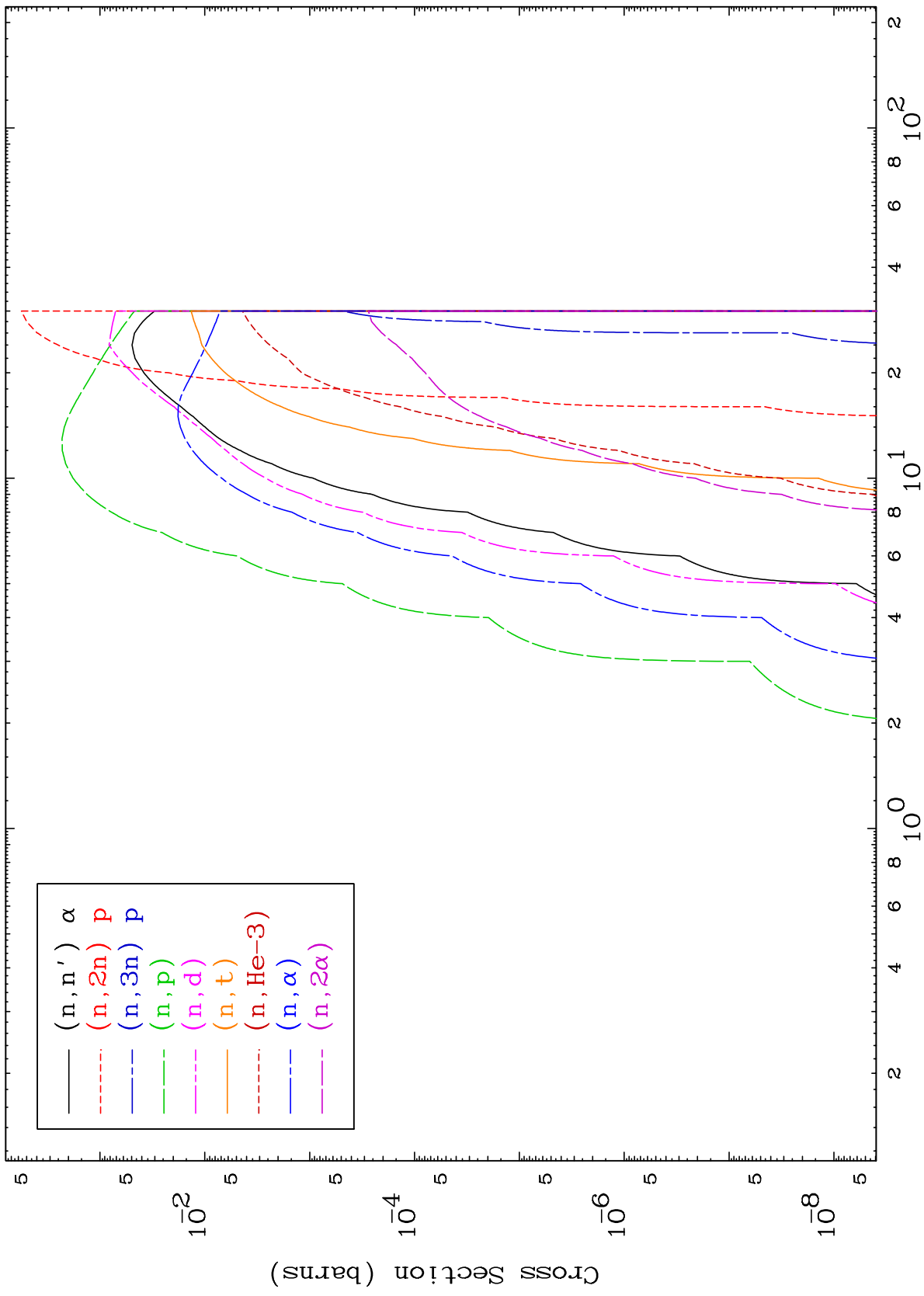
MAT 6119

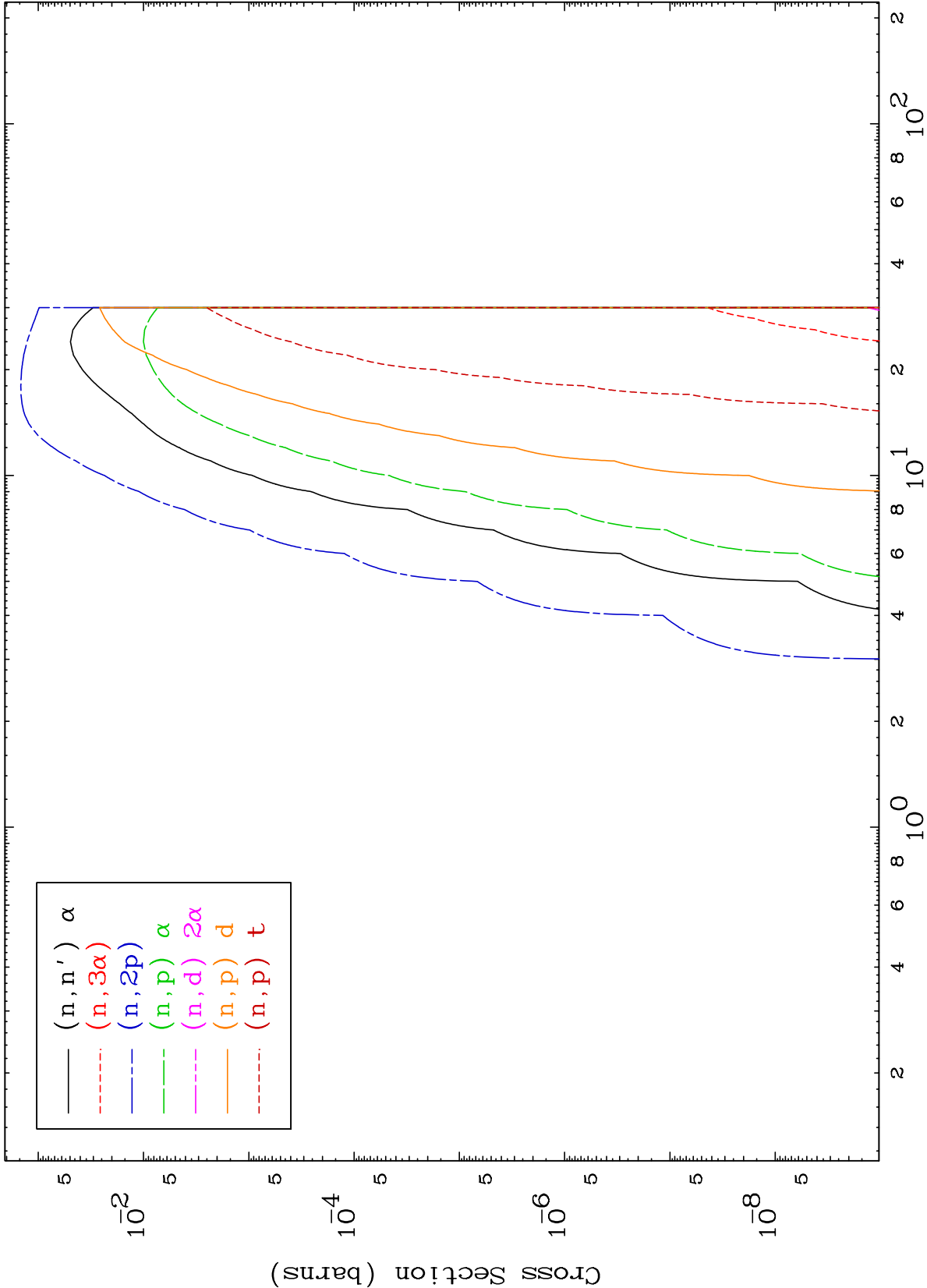
Deuteron Neutron Absorption
0 Kelvin Cross Sections

61-Pm-137





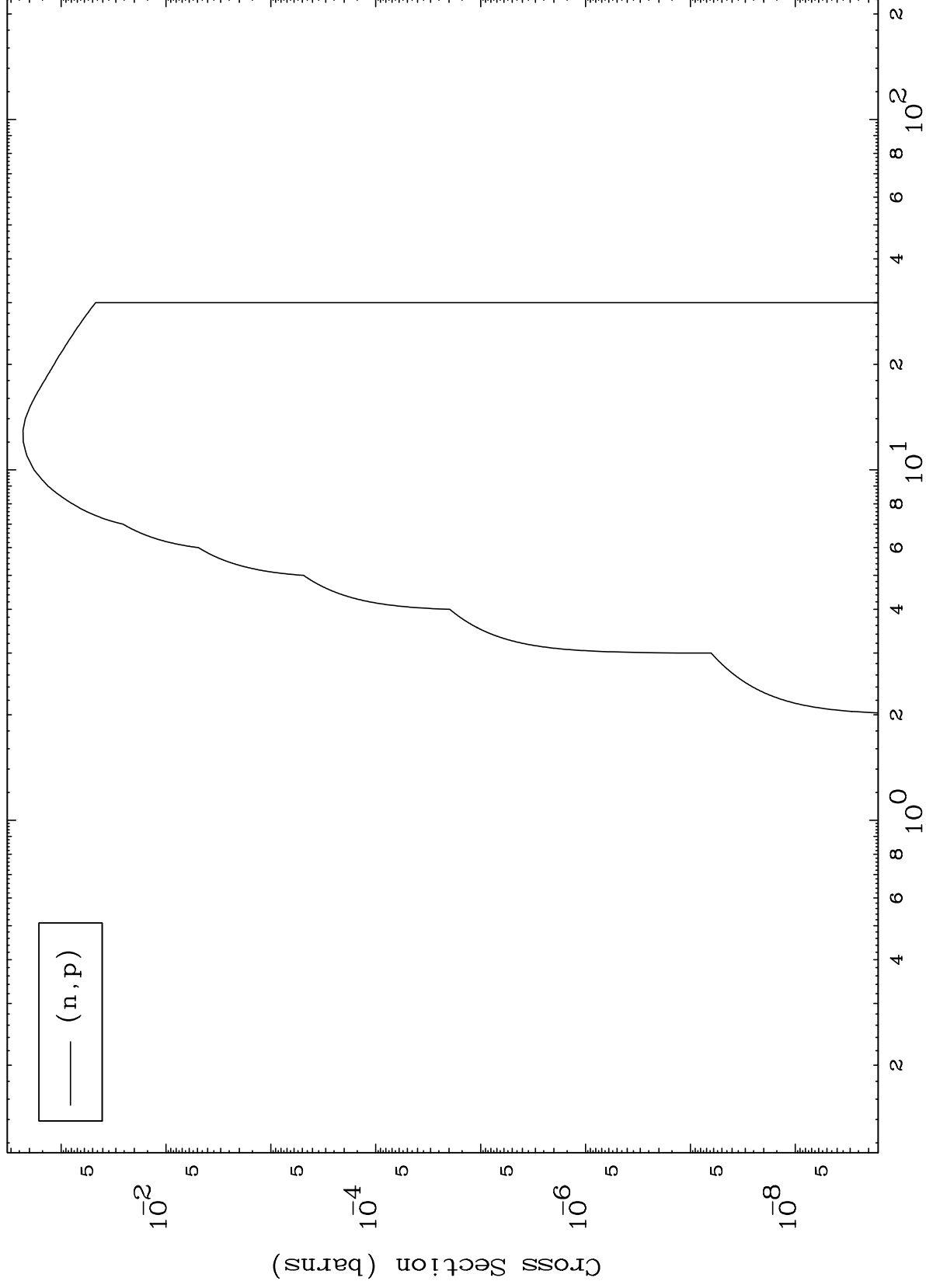




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61-Pm-137

(d,p) Levels
0 Kelvin Cross Sections



61-Pm-137

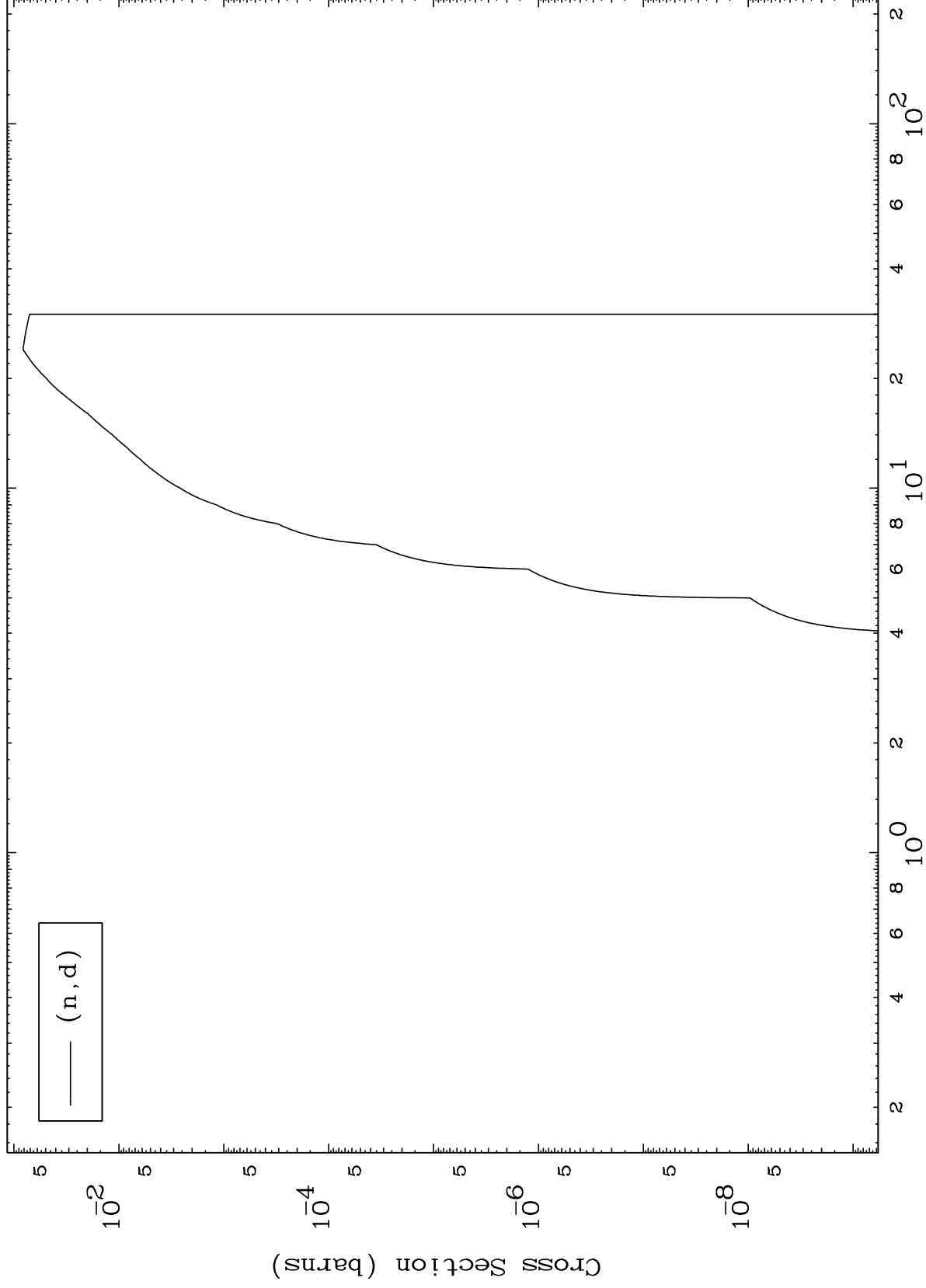
Incident Energy (MeV)

8

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61-Pm-137

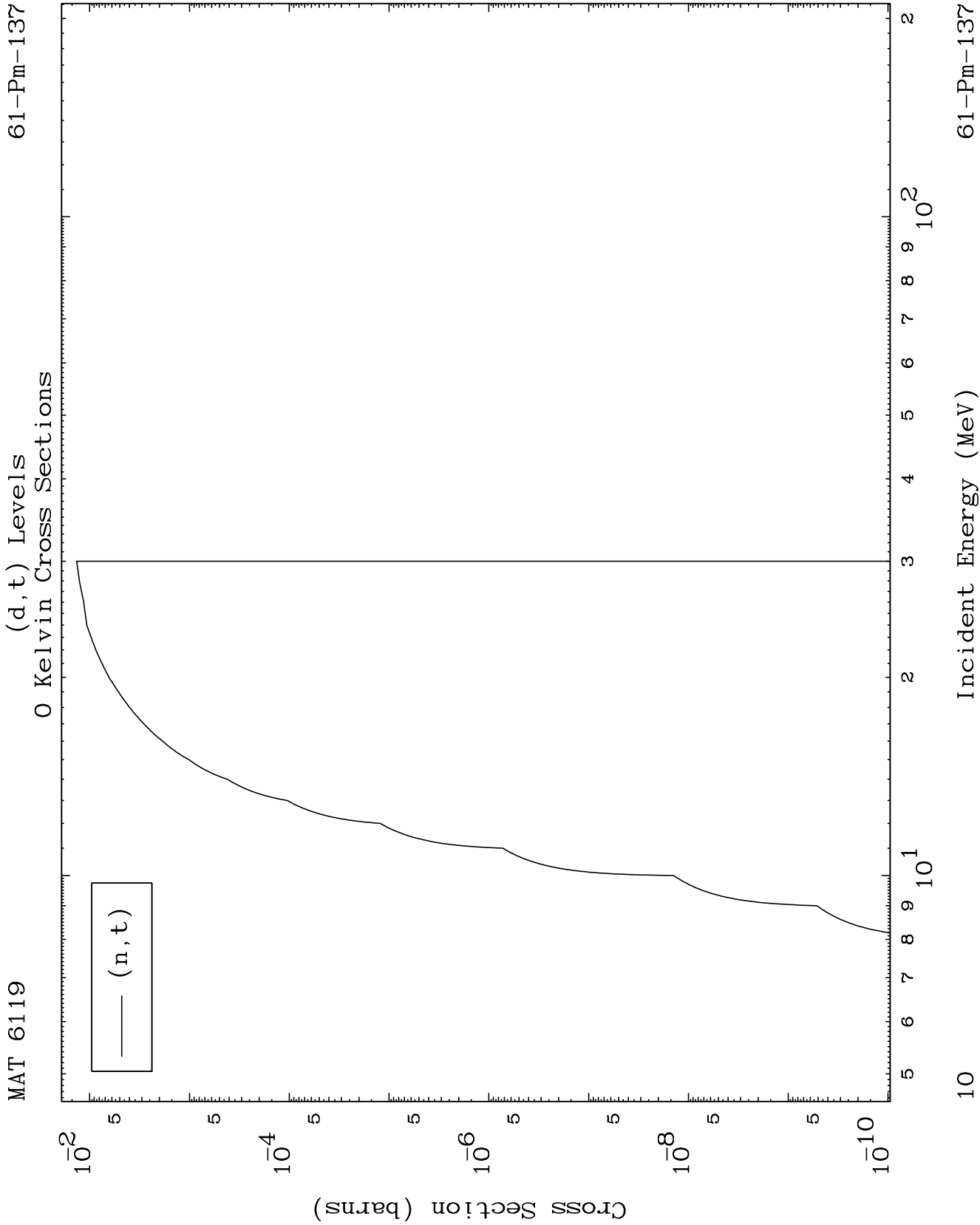
(d,d) Levels
0 Kelvin Cross Sections

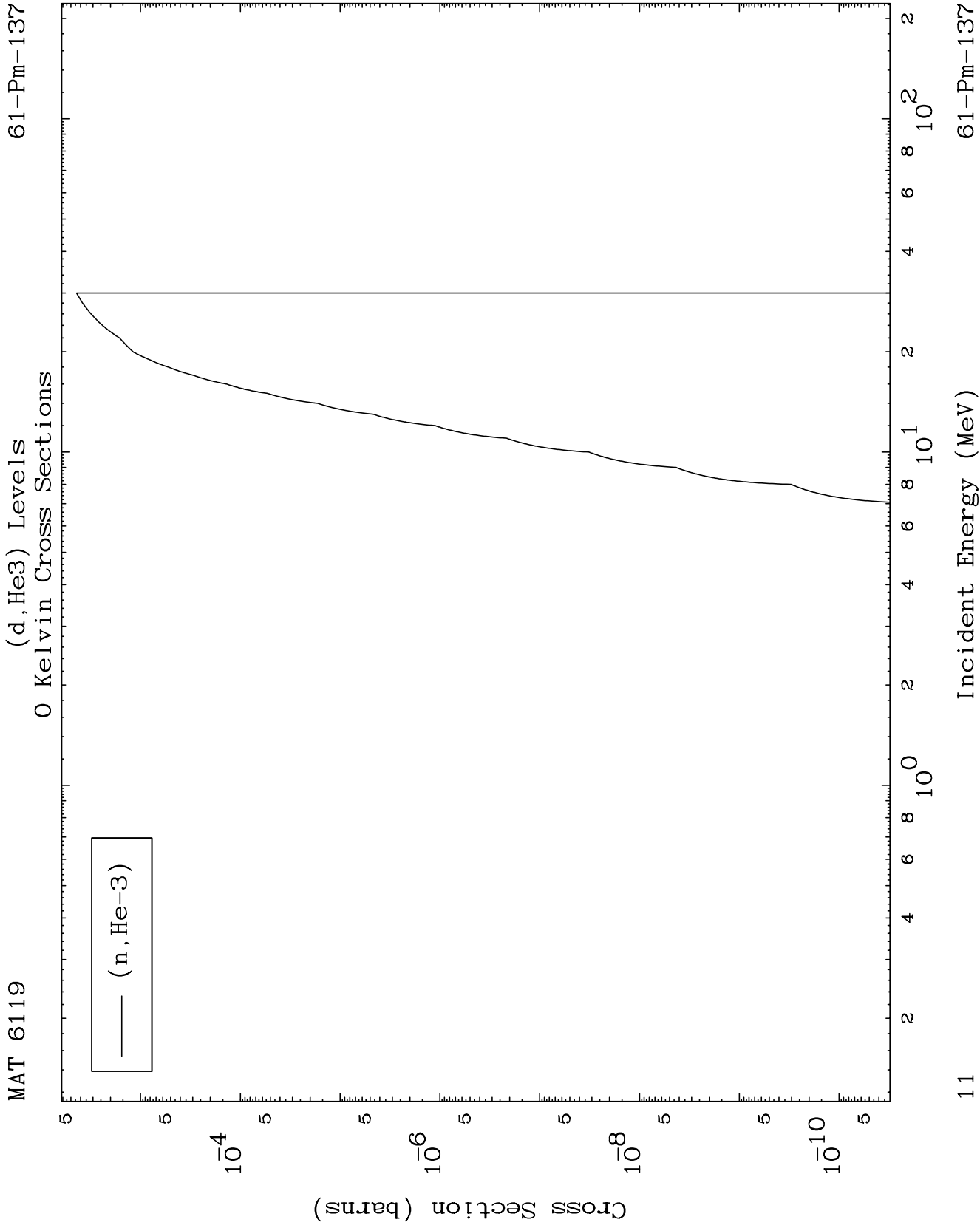


9

Incident Energy (MeV)

61-Pm-137



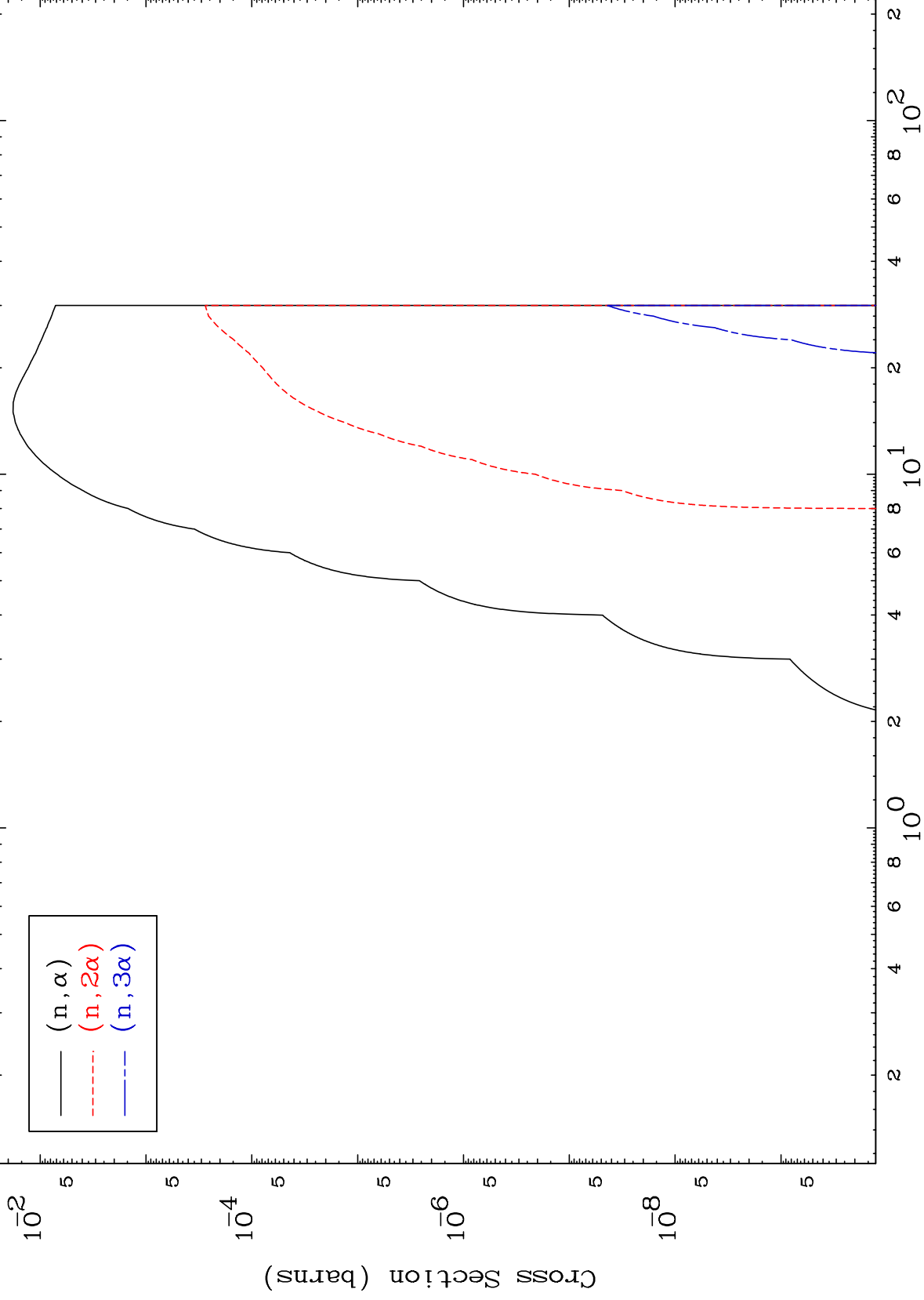


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(d, α) Levels

61-Pm-137

0 Kelvin Cross Sections



12

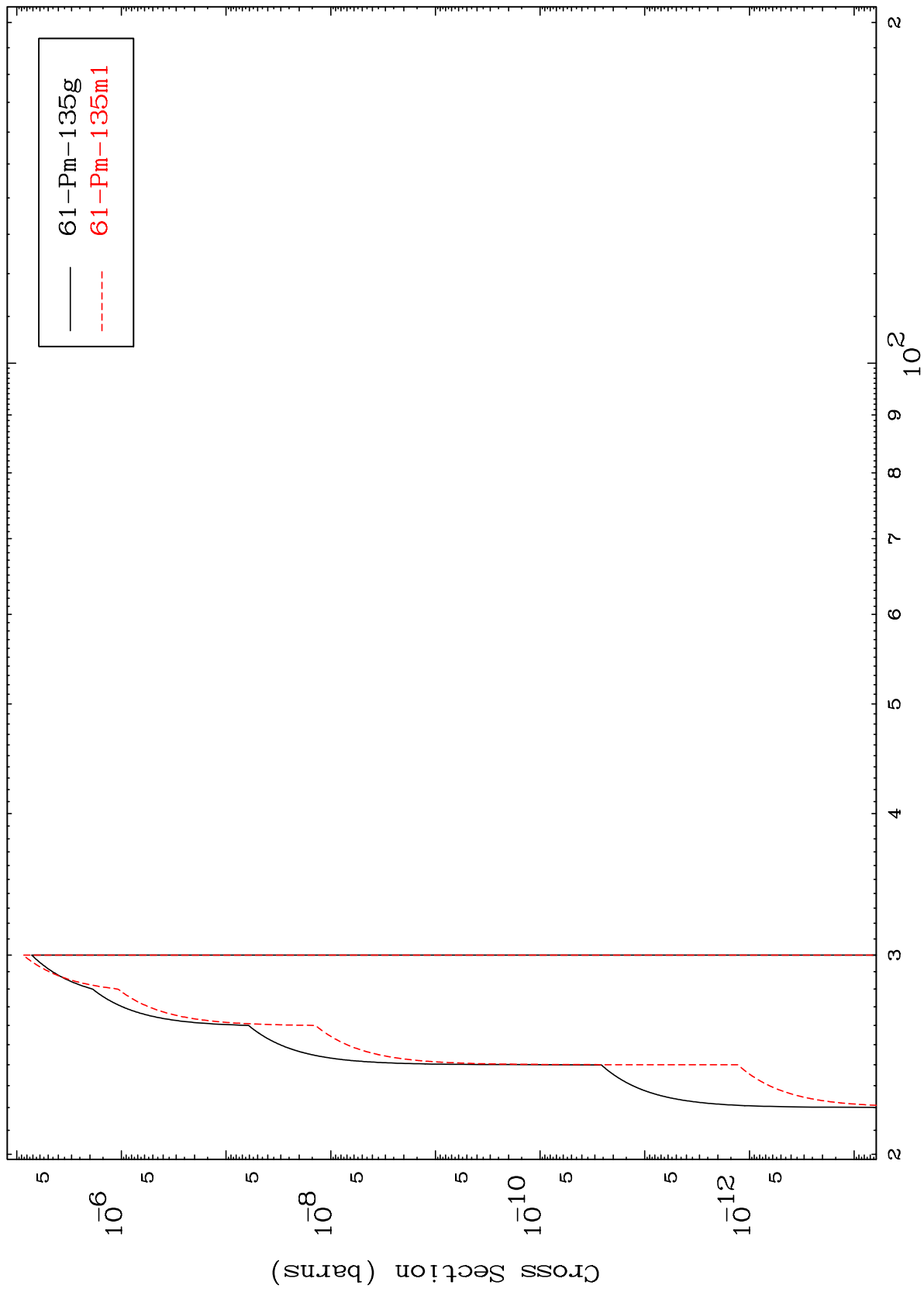
Incident Energy (MeV)

61-Pm-137

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61-Pm-137

(n,2n) d
Radionuclide Production Cross Section



61-Pm-137

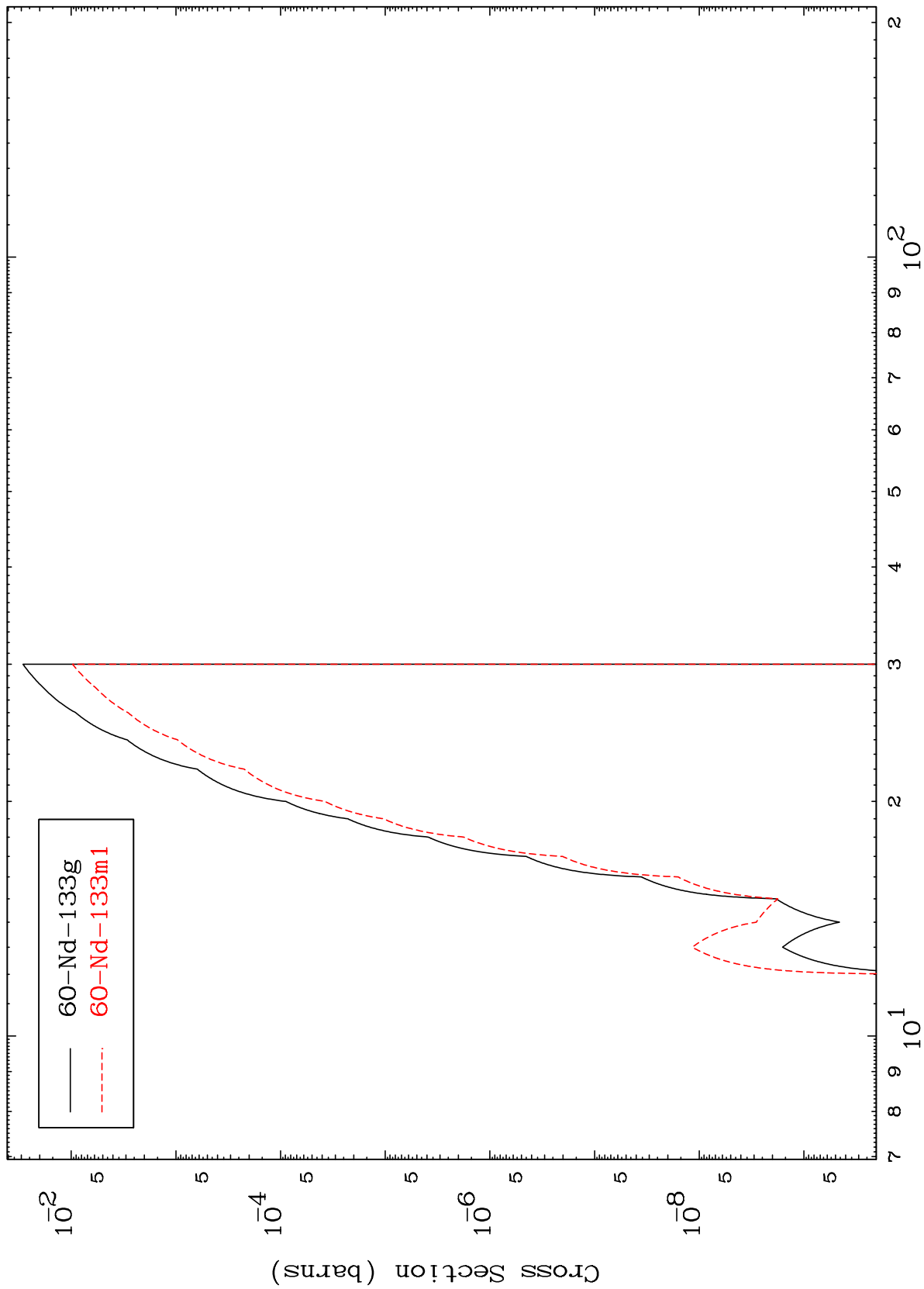
Incident Energy (MeV)

13

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61-Pm-137

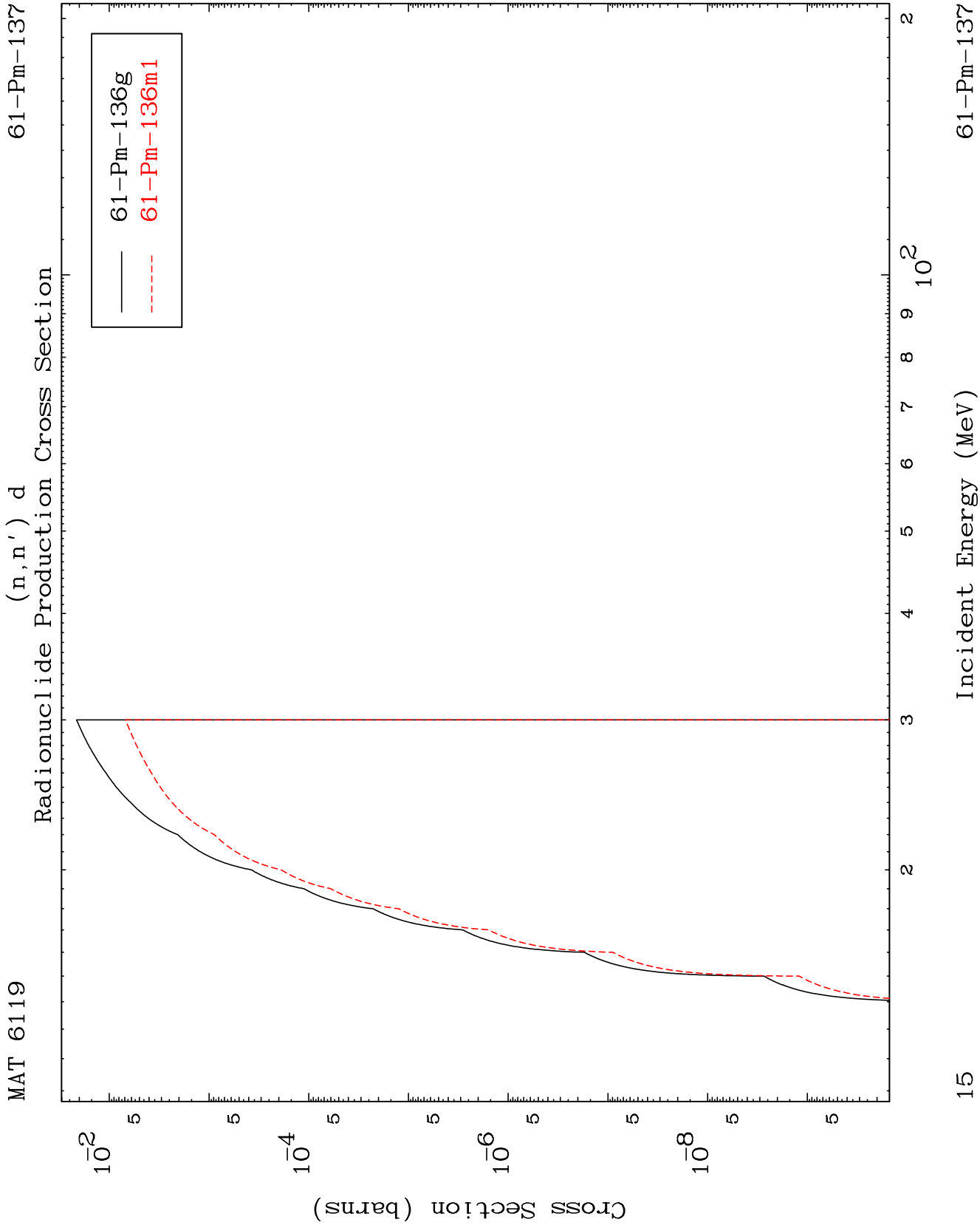
Radionuclide Production Cross Section
(n,2n) α



61-Pm-137

Incident Energy (MeV)

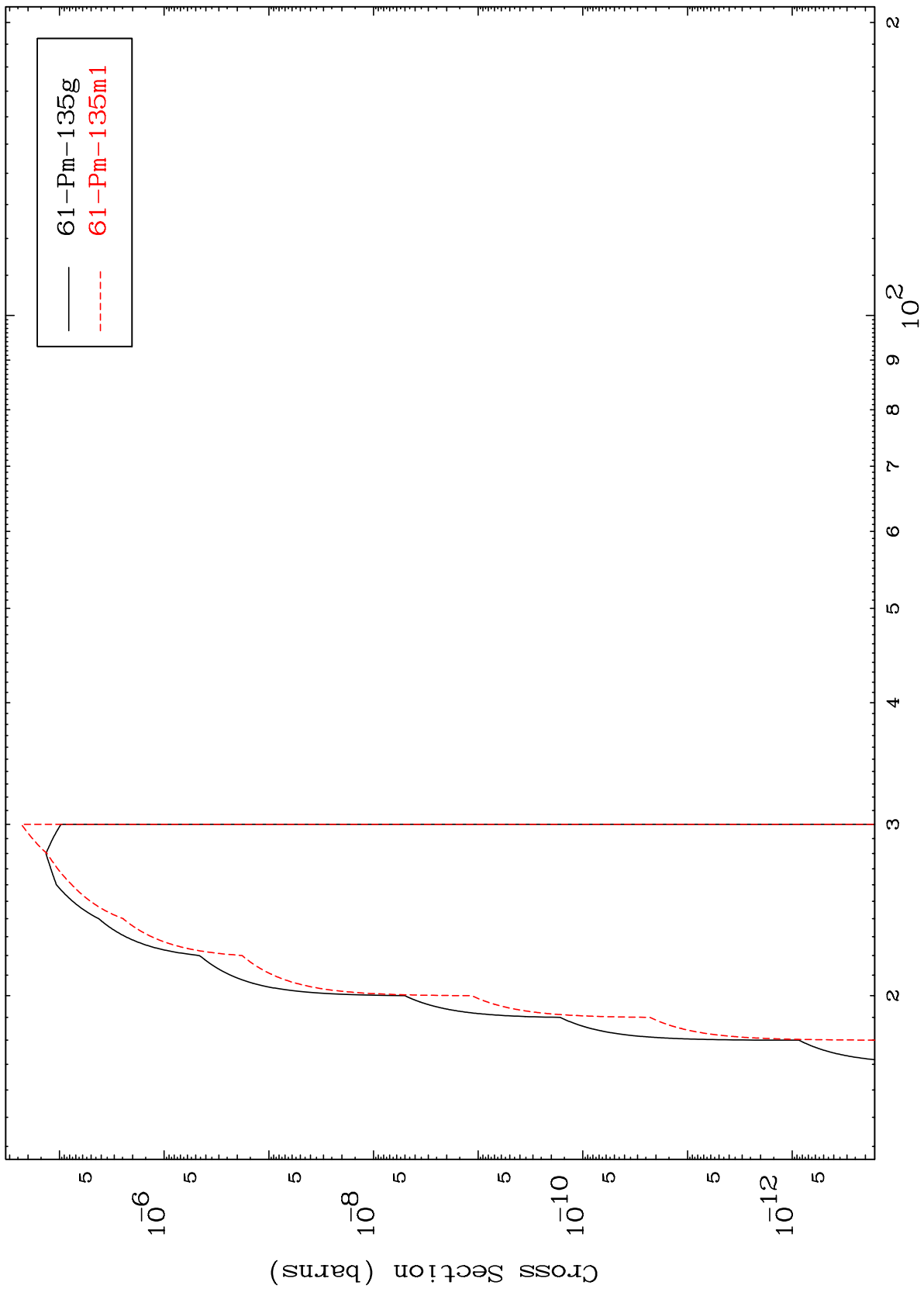
14



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61-Pm-137

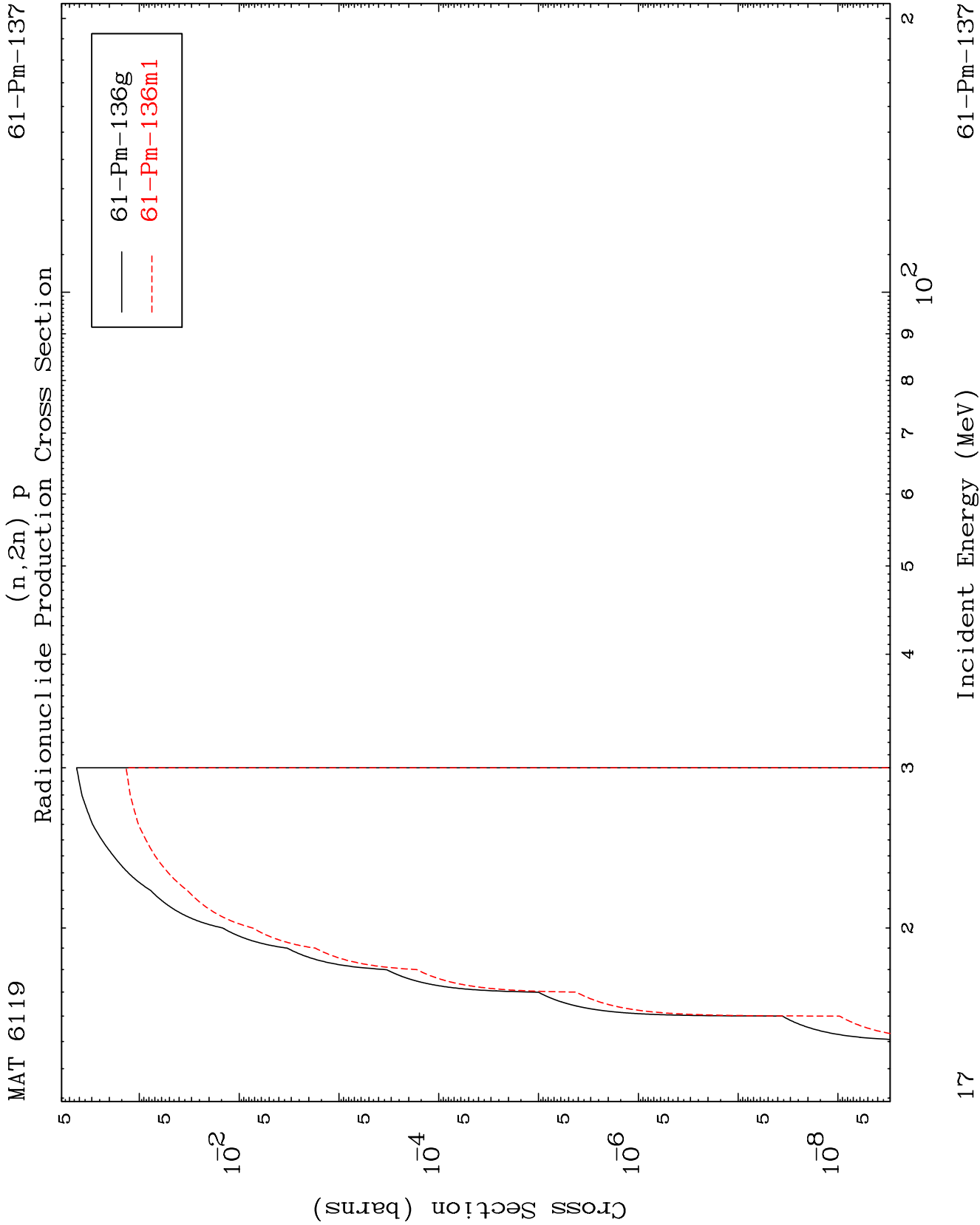
(n,n') t
Radionuclide Production Cross Section



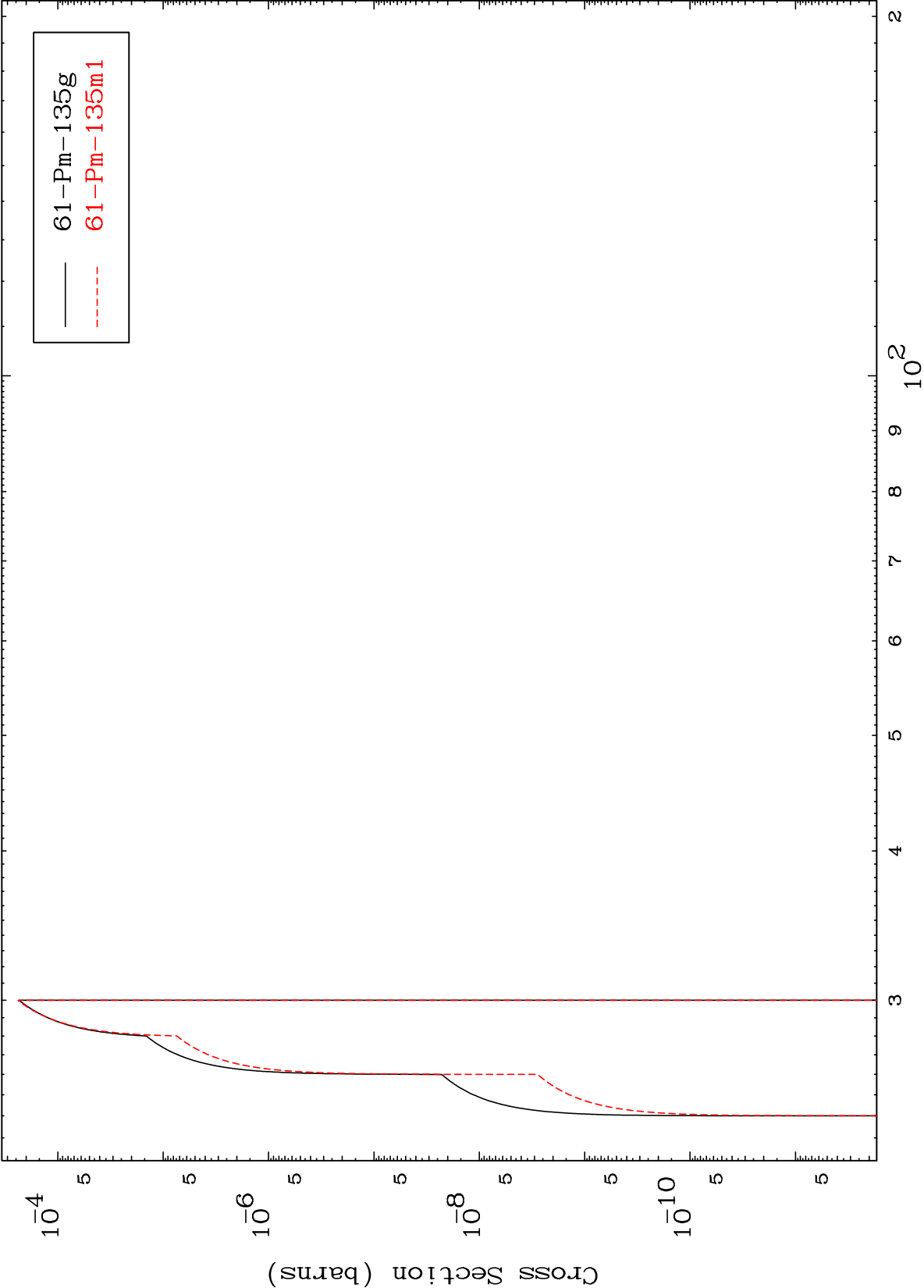
61-Pm-137

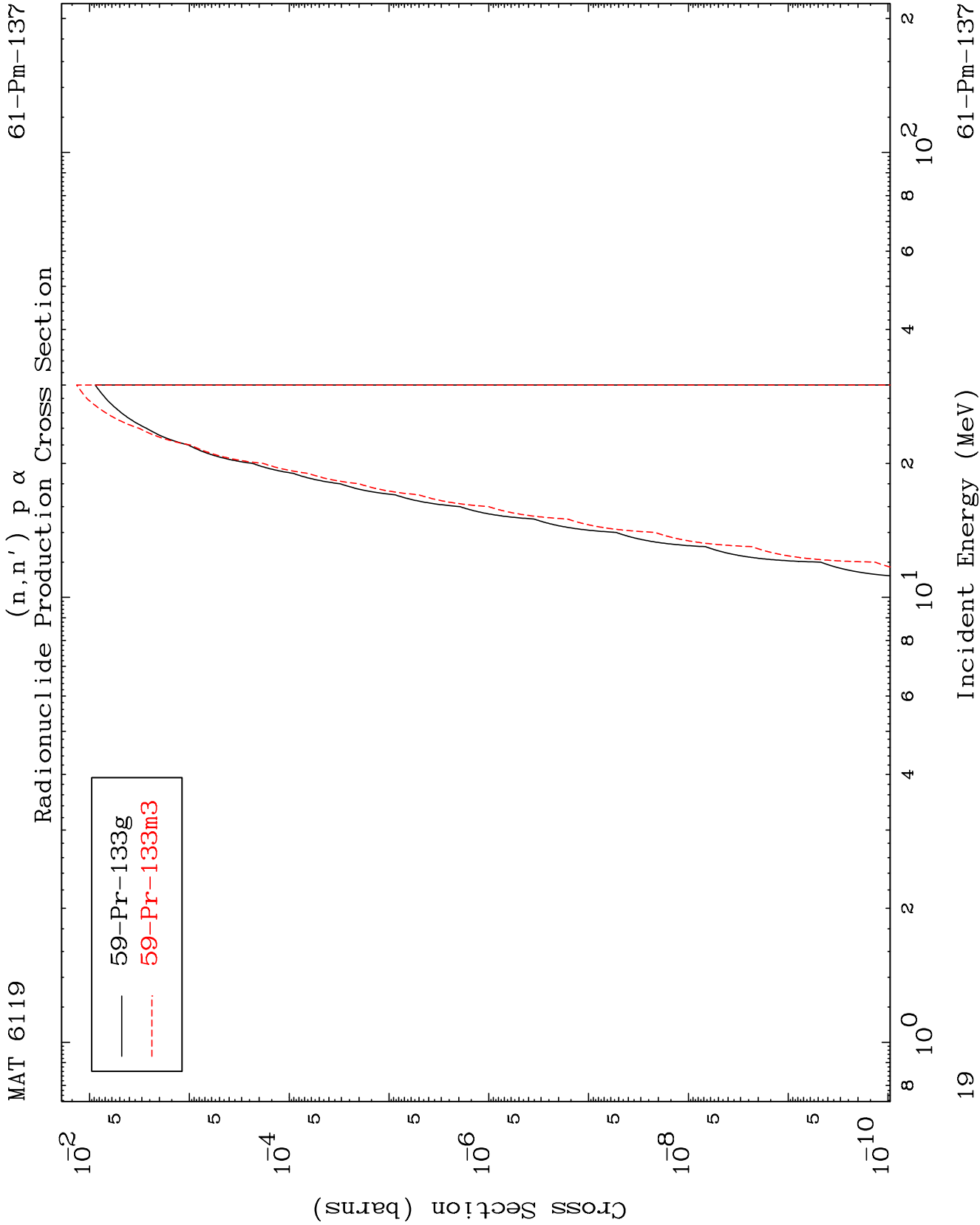
Incident Energy (MeV)

16



Radionuclide Production Cross Section

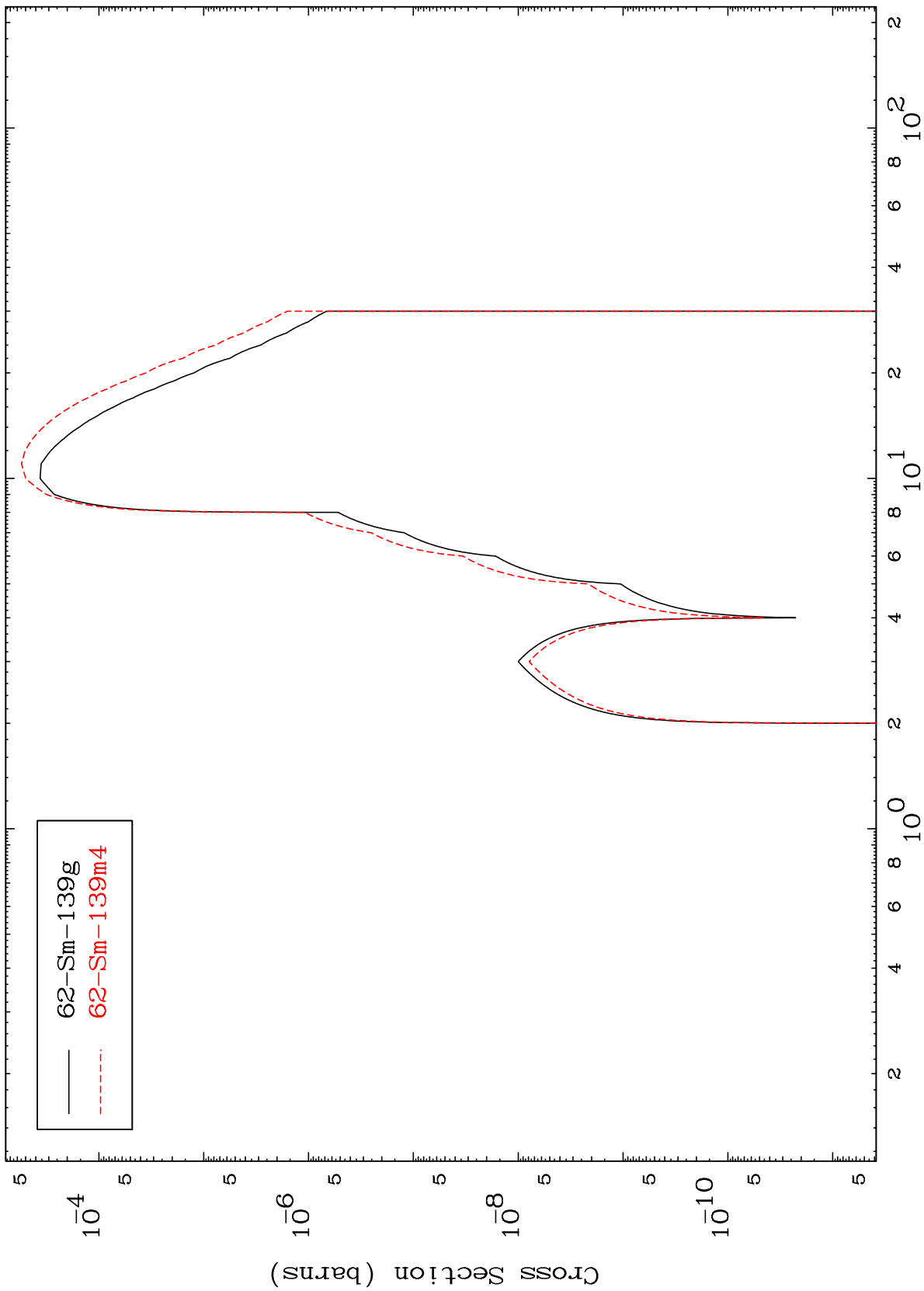




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61-Pm-137

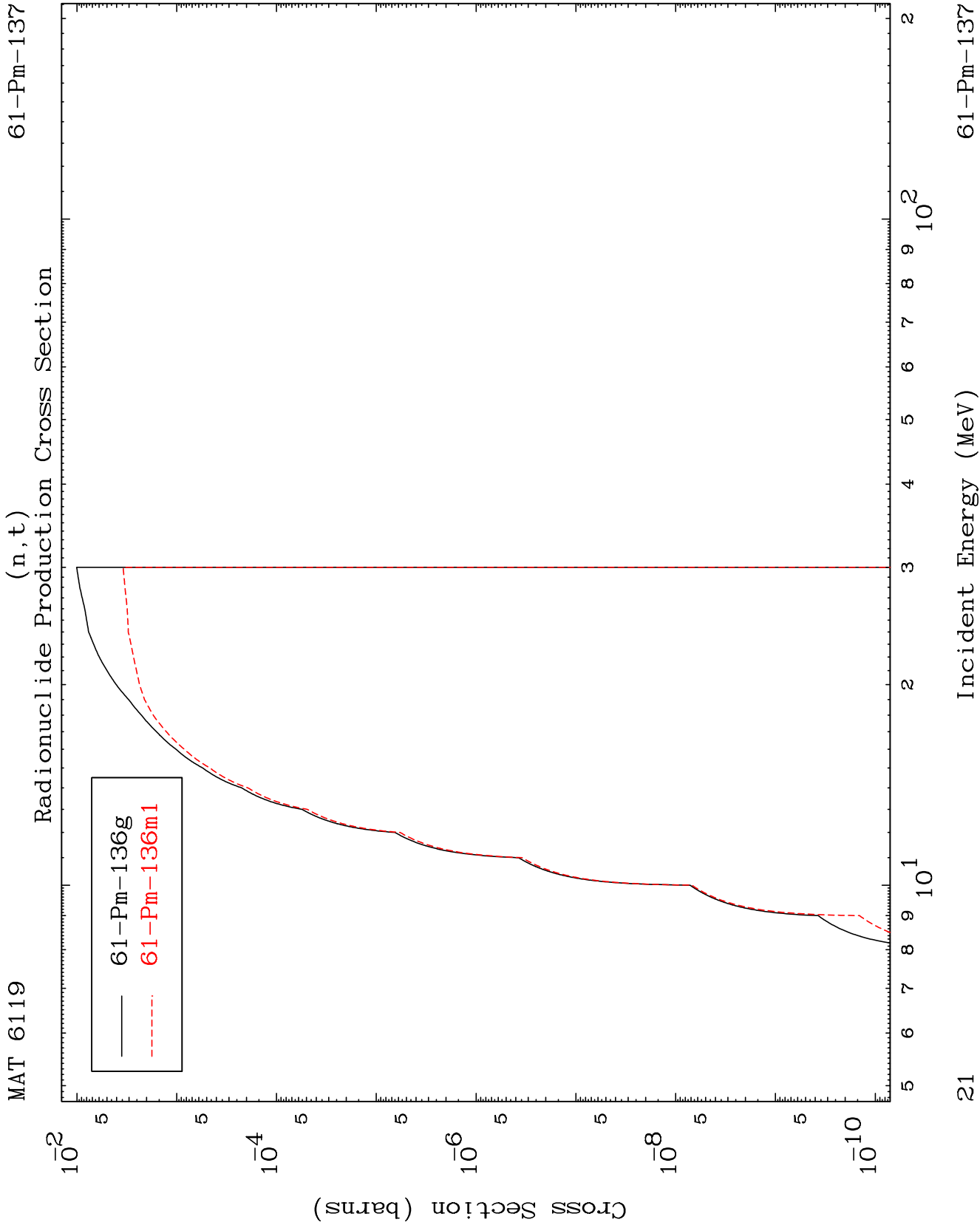
Radionuclide Production Cross Section
(n, γ)



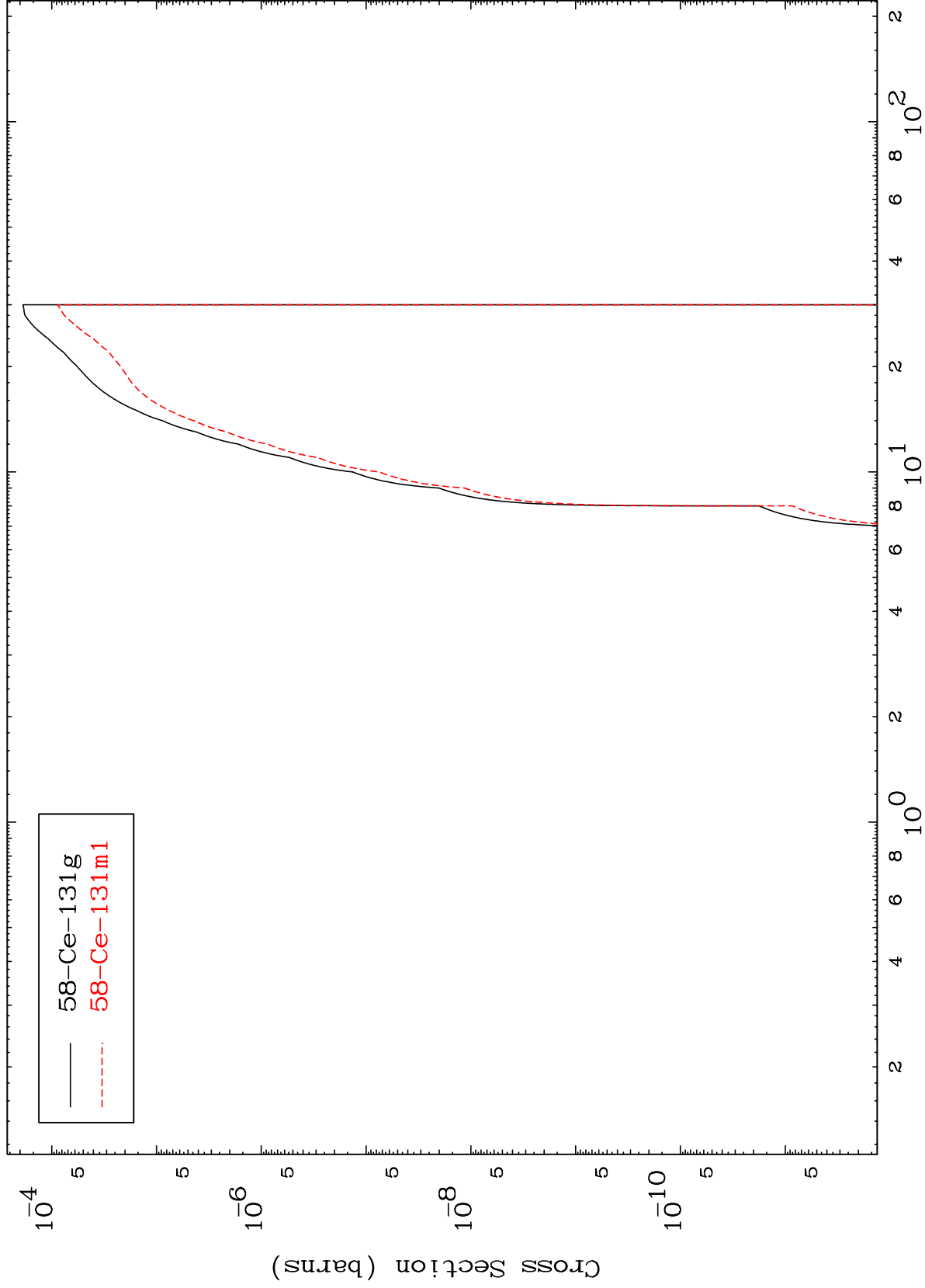
20

Incident Energy (MeV)

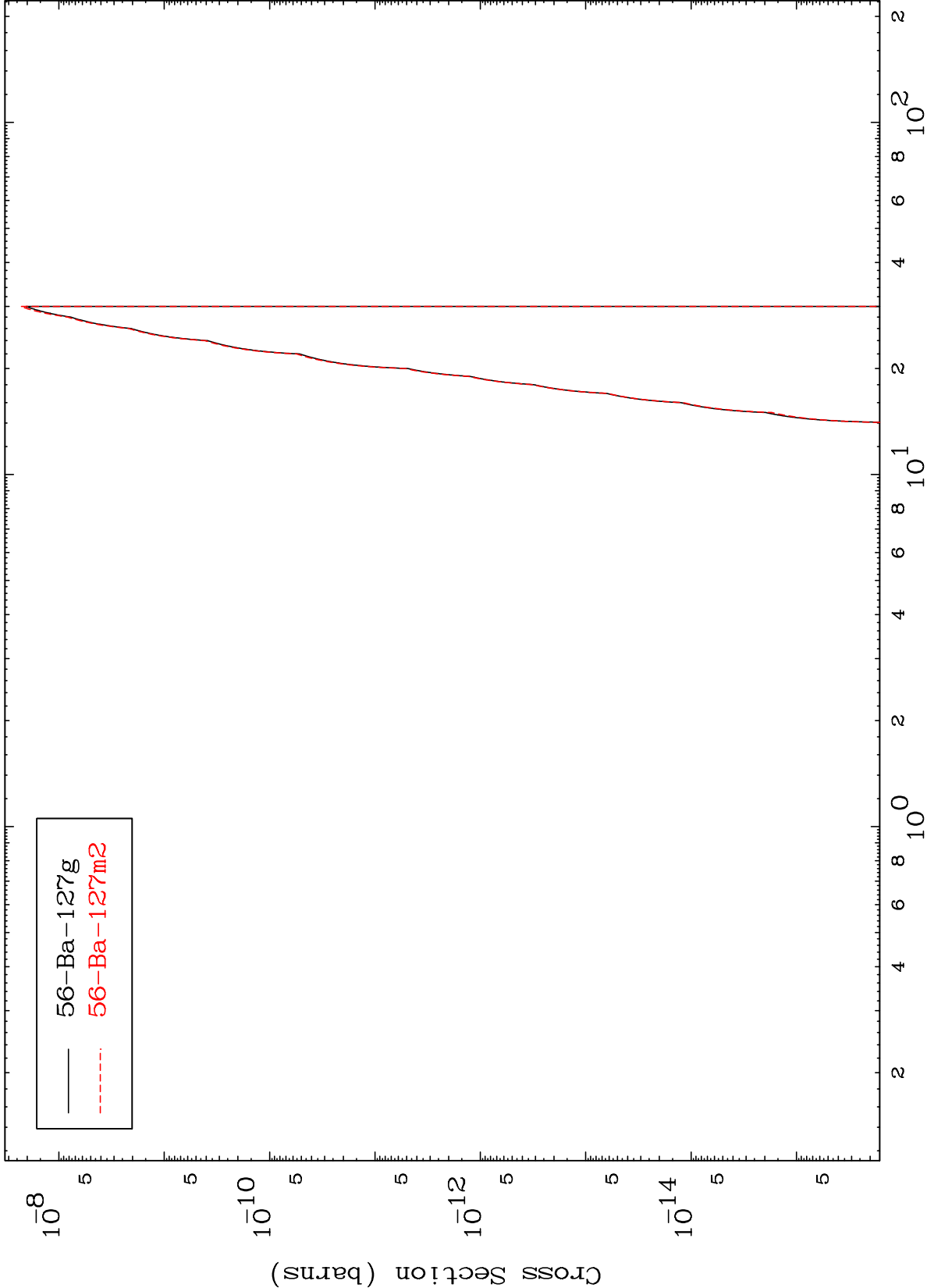
61-Pm-137



Radionuclide Production Cross Section
(n,2α)



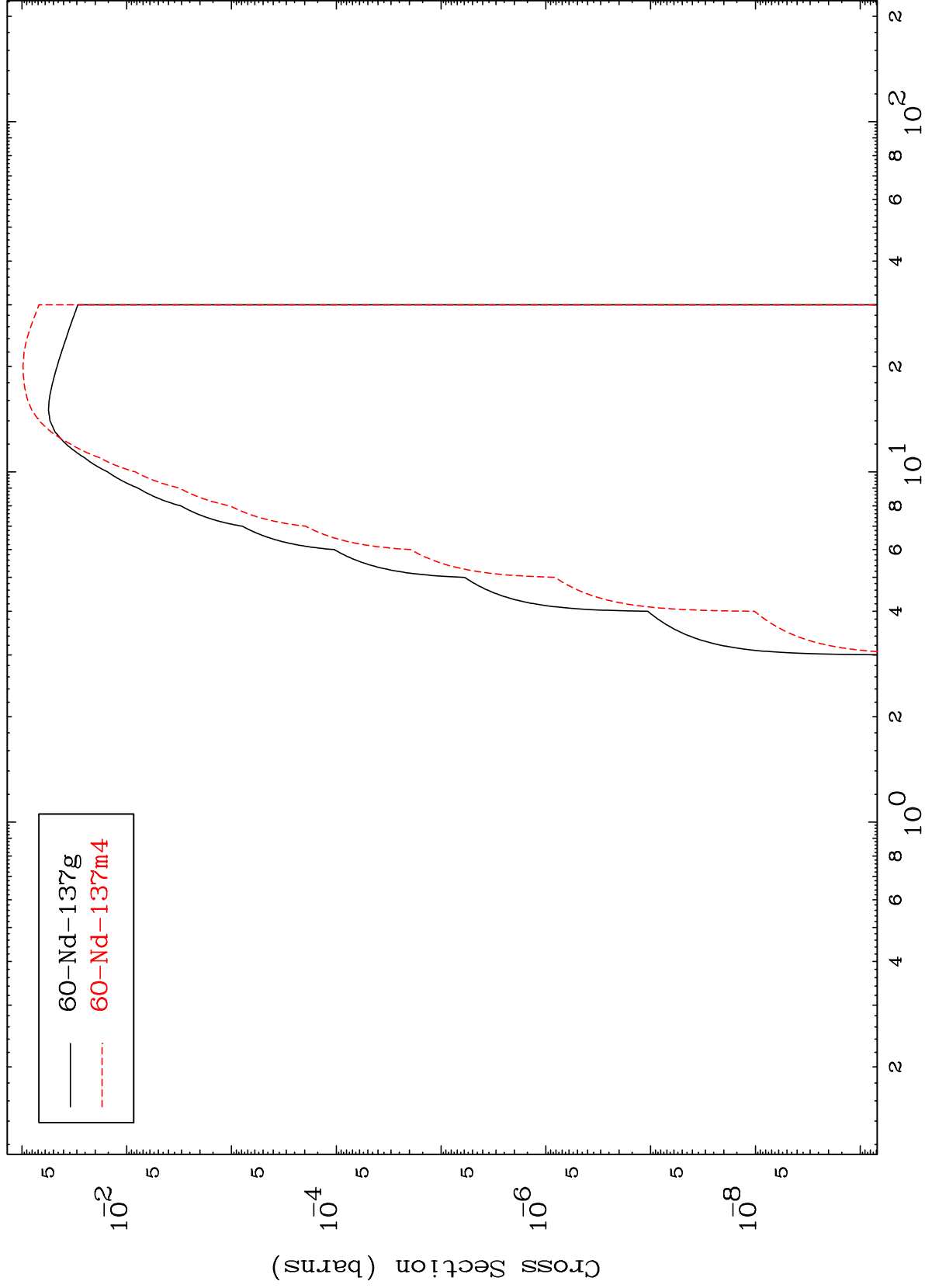
Radionuclide Production Cross Section
(n,3α)



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(n,2p)
Radionuclide Production Cross Section



24

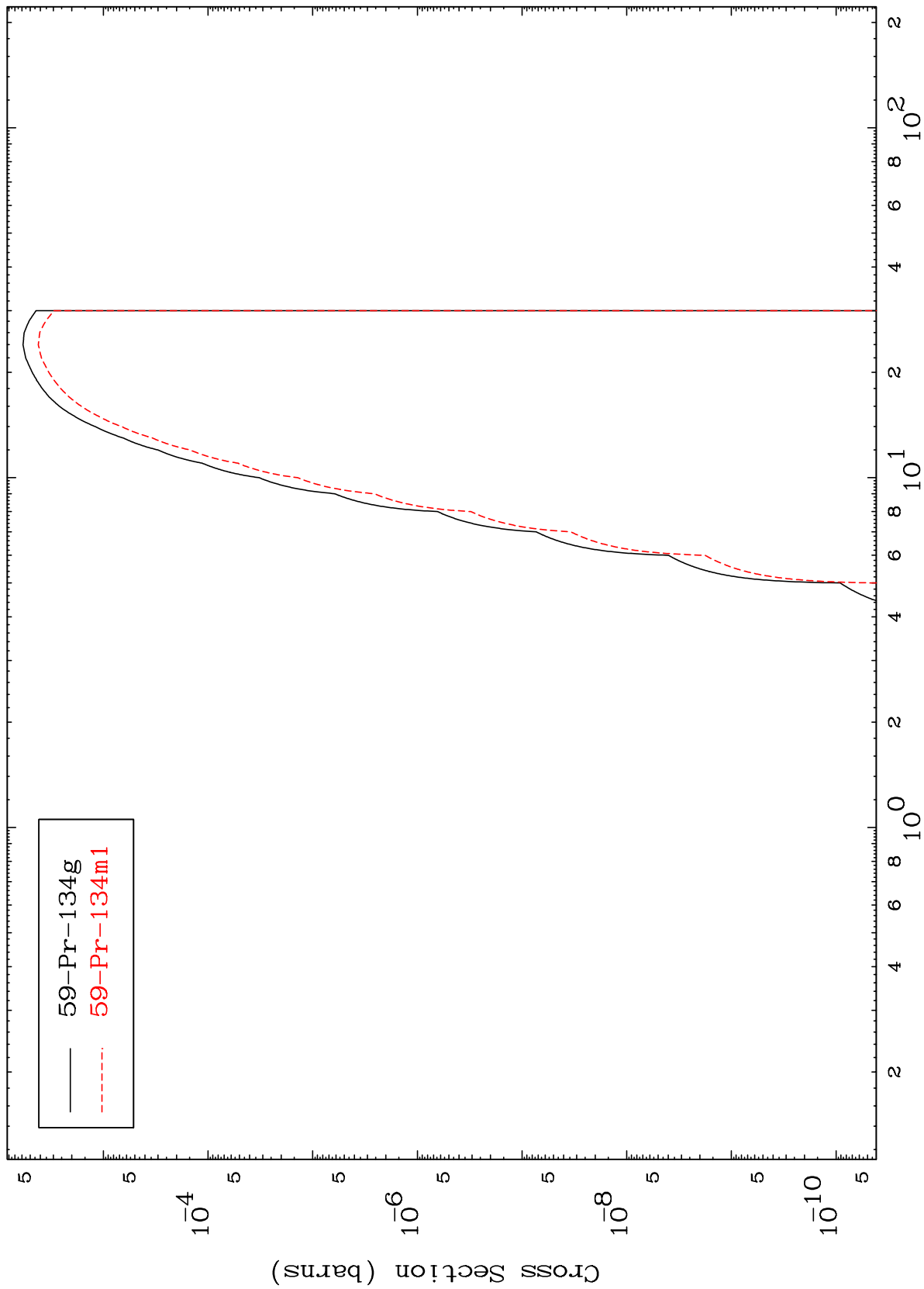
Incident Energy (MeV)

61-Pm-137

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61-Pm-137

(n,p) α
Radionuclide Production Cross Section



25

Incident Energy (MeV)

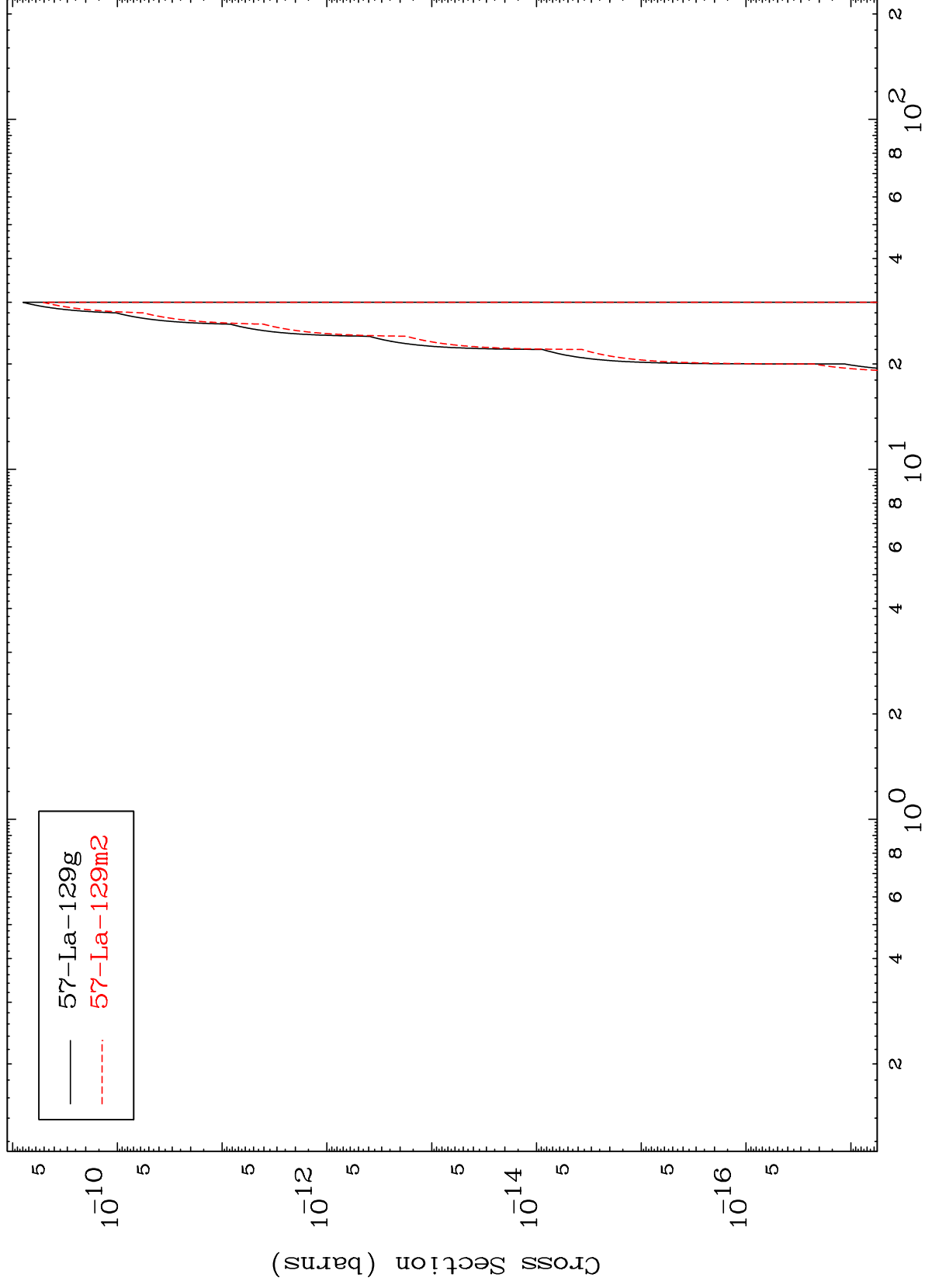
61-Pm-137

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(n,d) 2α

61-Pm-137

Radionuclide Production Cross Section



26

Incident Energy (MeV)

61-Pm-137

