

Program EVALPLOT
(Version 2018-1)

by

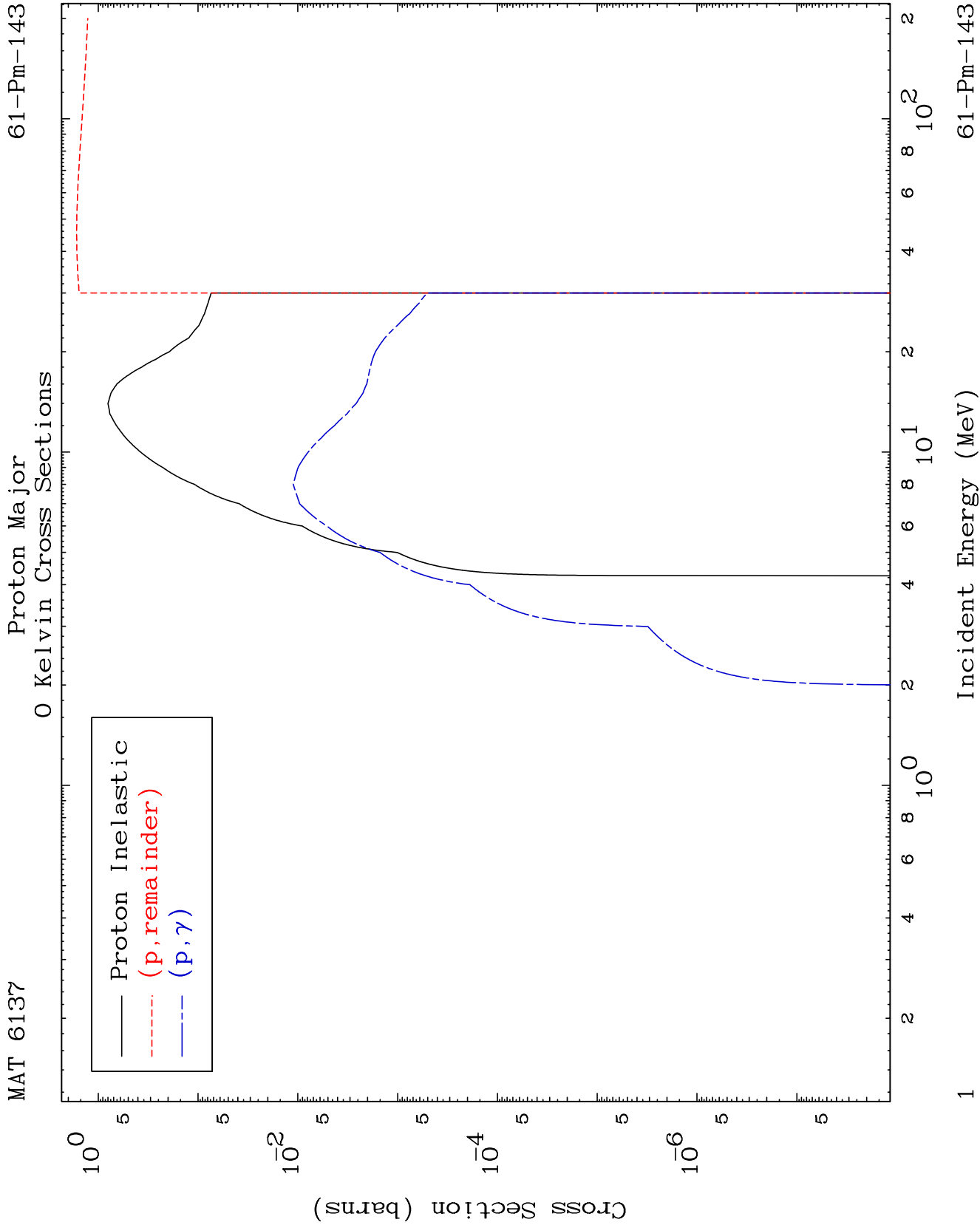
Dermott E. Cullen
(Present Contact Information)

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E.Mail: redcullen1@comcast.net
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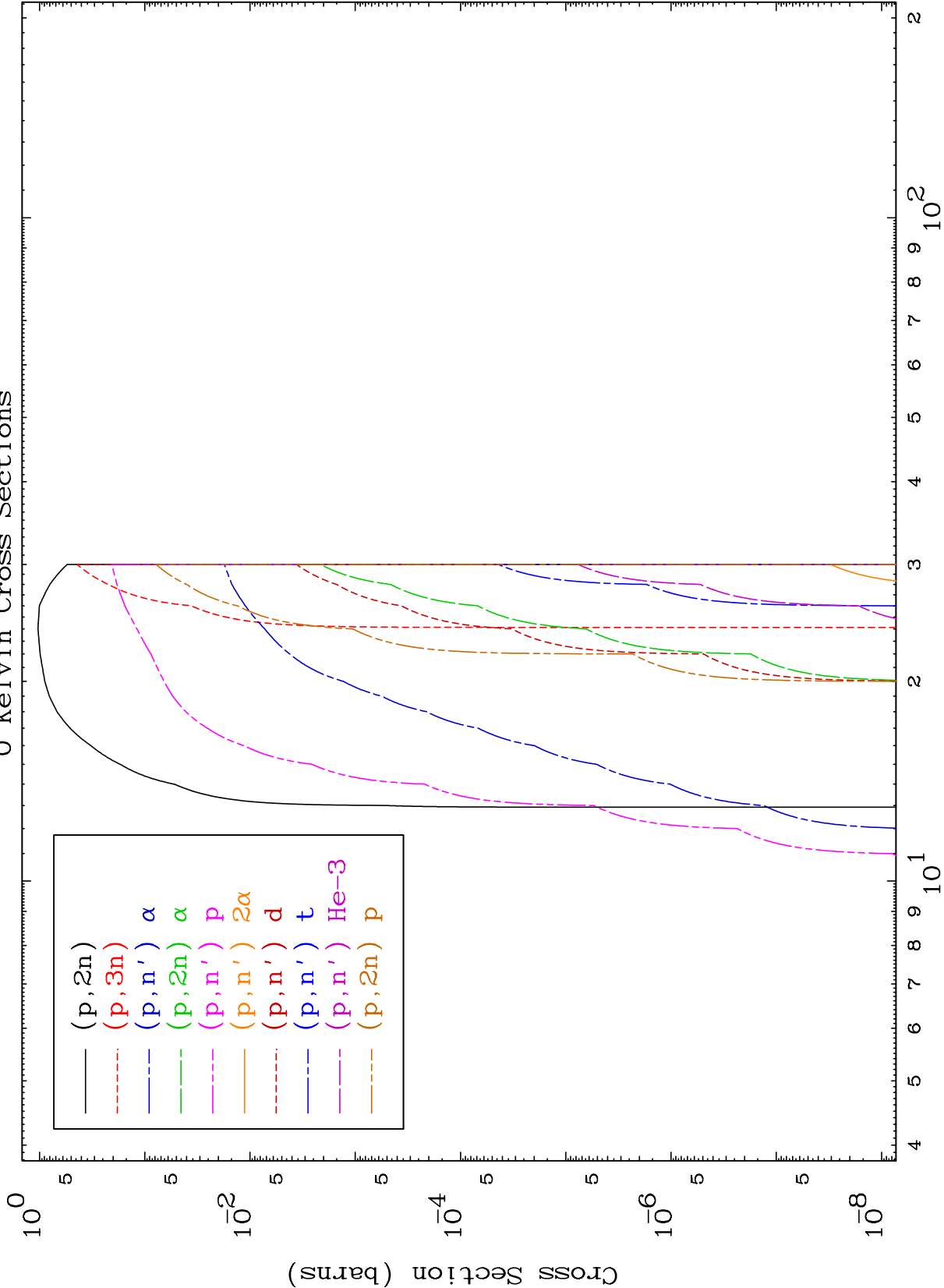
Press Mouse Button to Start



MAT 6137

Proton Neutron Production
0 Kelvin Cross Sections

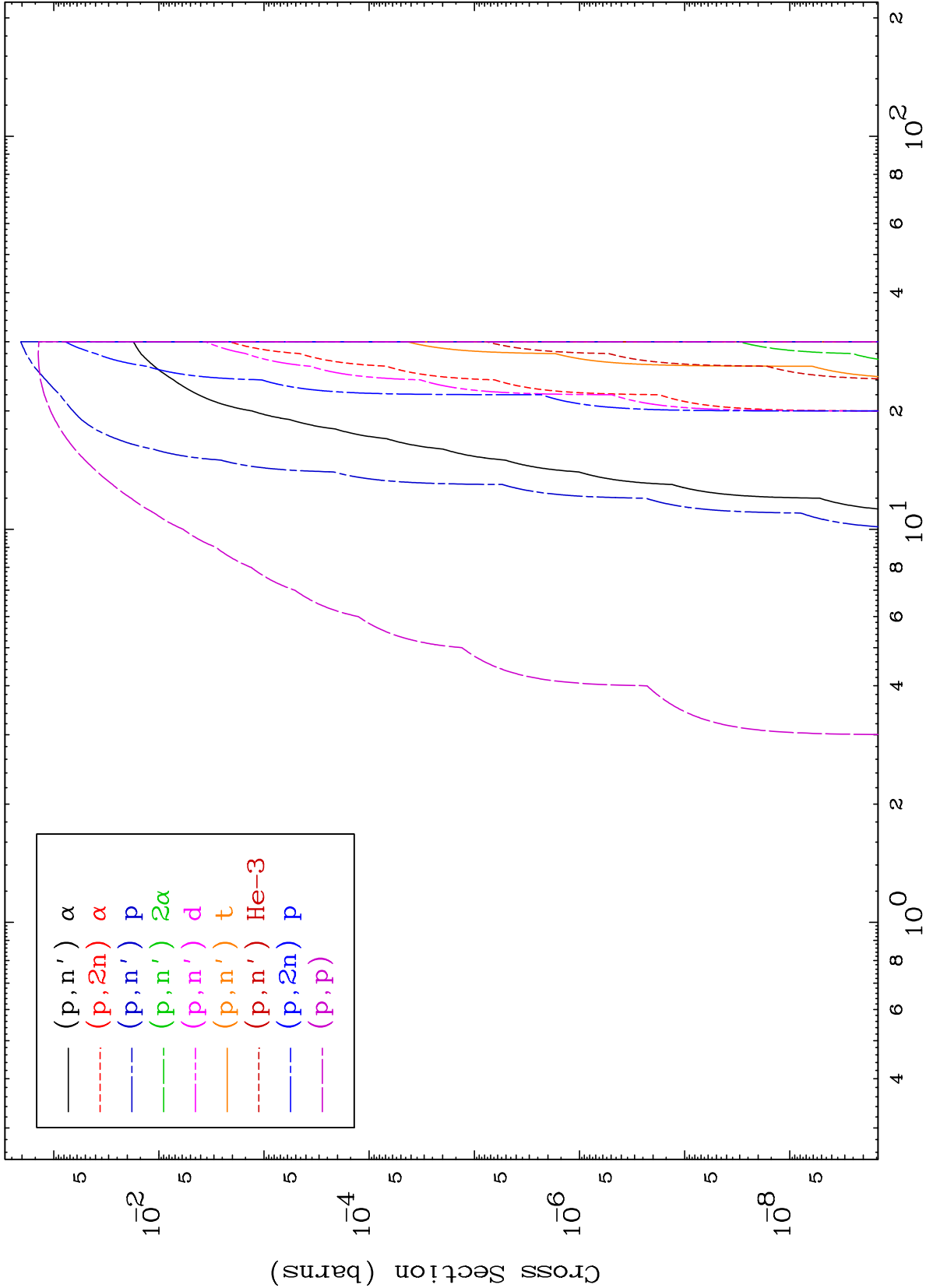
61-Pm-143

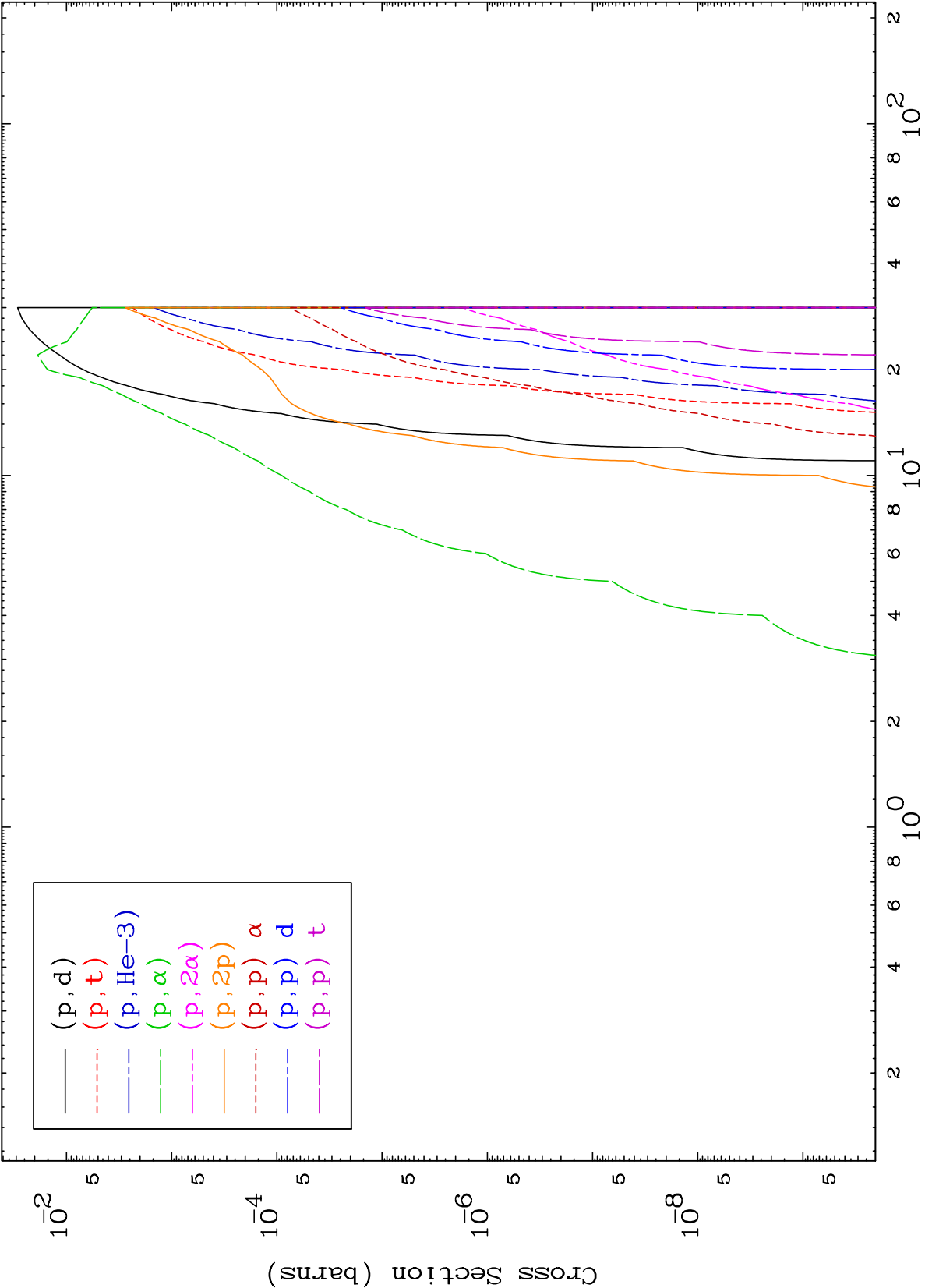


2

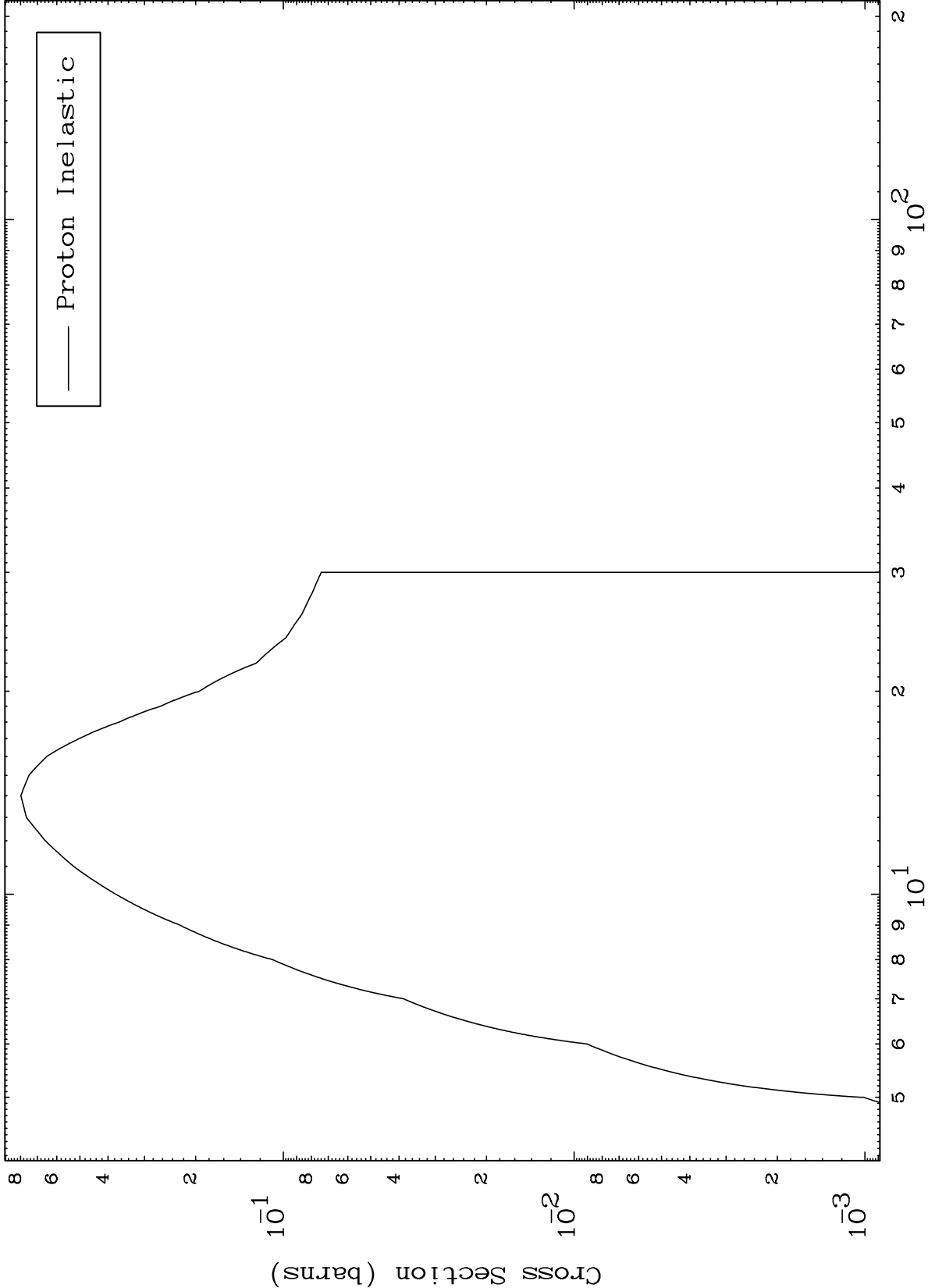
Incident Energy (MeV)

61-Pm-143





0 Kelvin Cross Sections

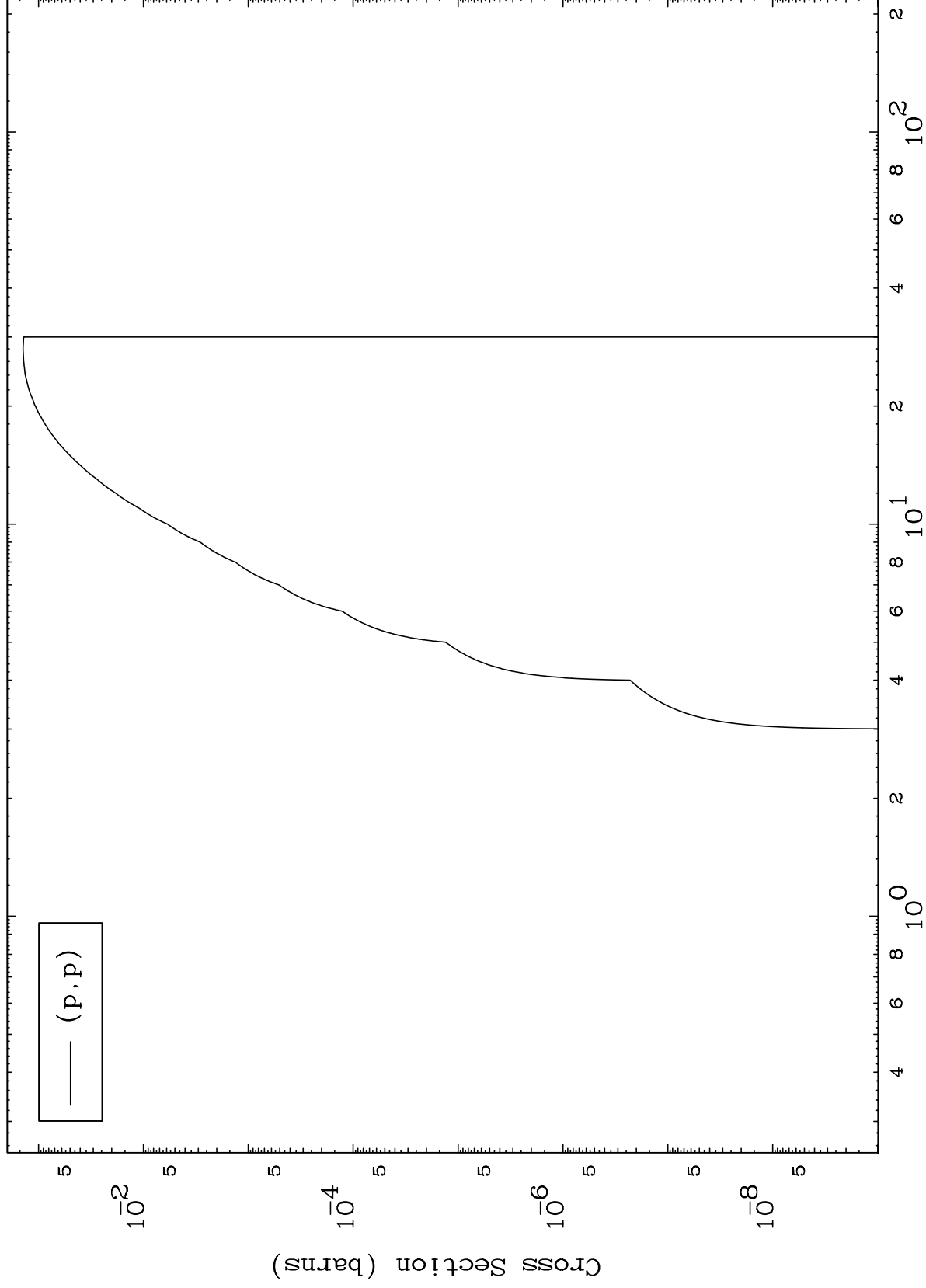


Incident Energy (MeV)

MAT 6137

61-Pm-143

(p,p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

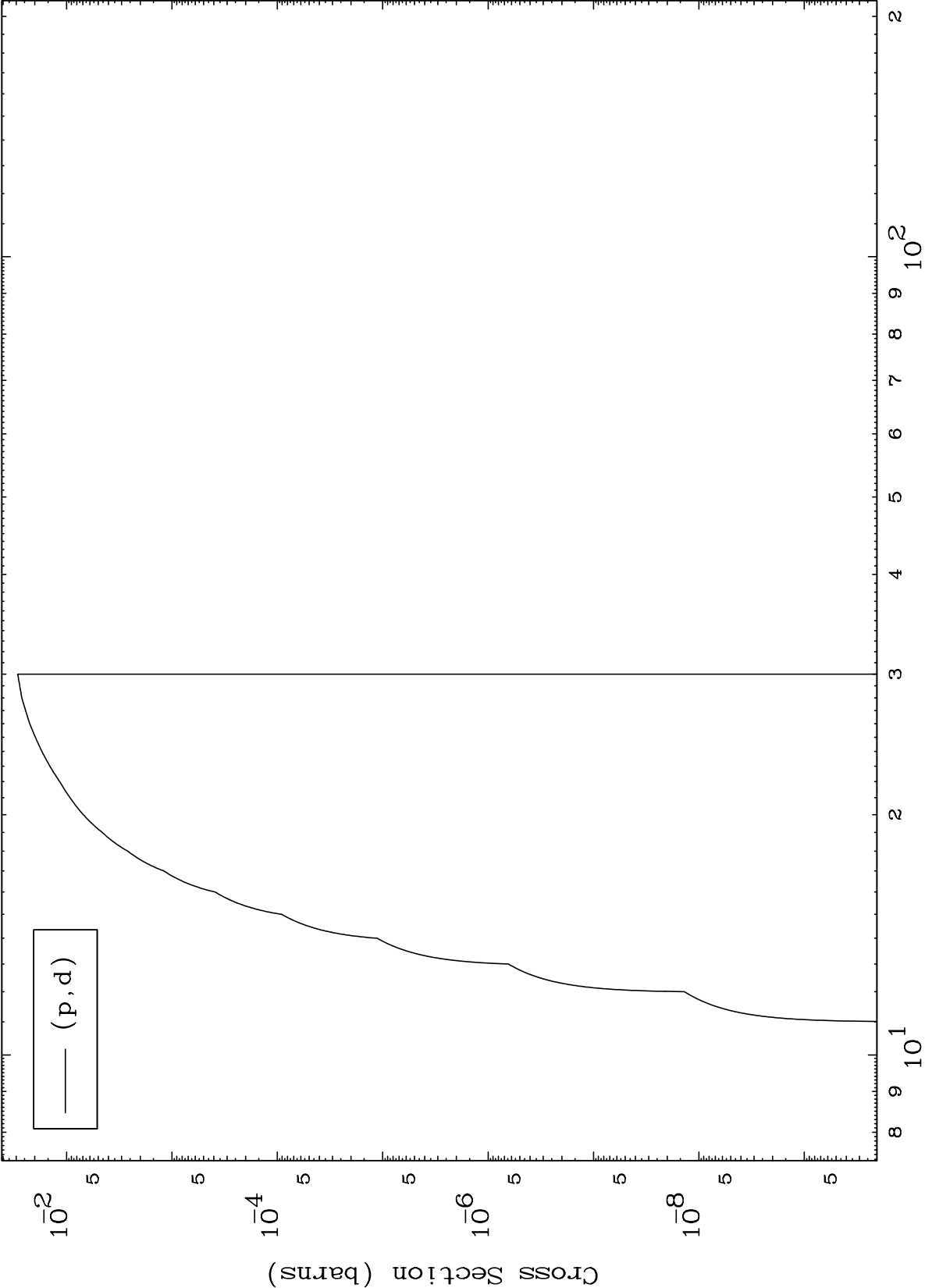
61-Pm-143

MAT 6137

(p,d) Levels

61-Pm-143

0 Kelvin Cross Sections



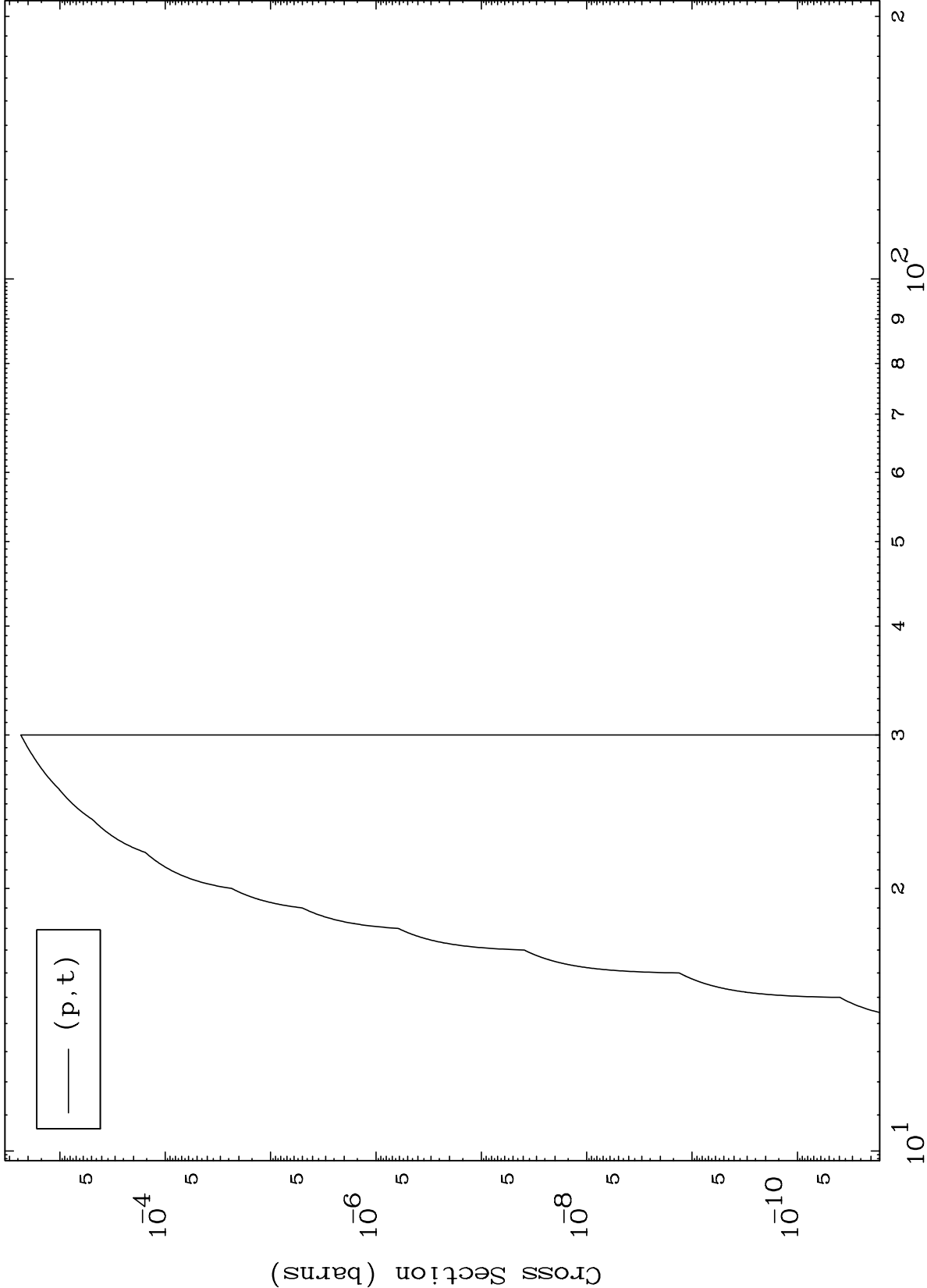
Incident Energy (MeV)

61-Pm-143

MAT 6137

(p,t) Levels
0 Kelvin Cross Sections

61-Pm-143



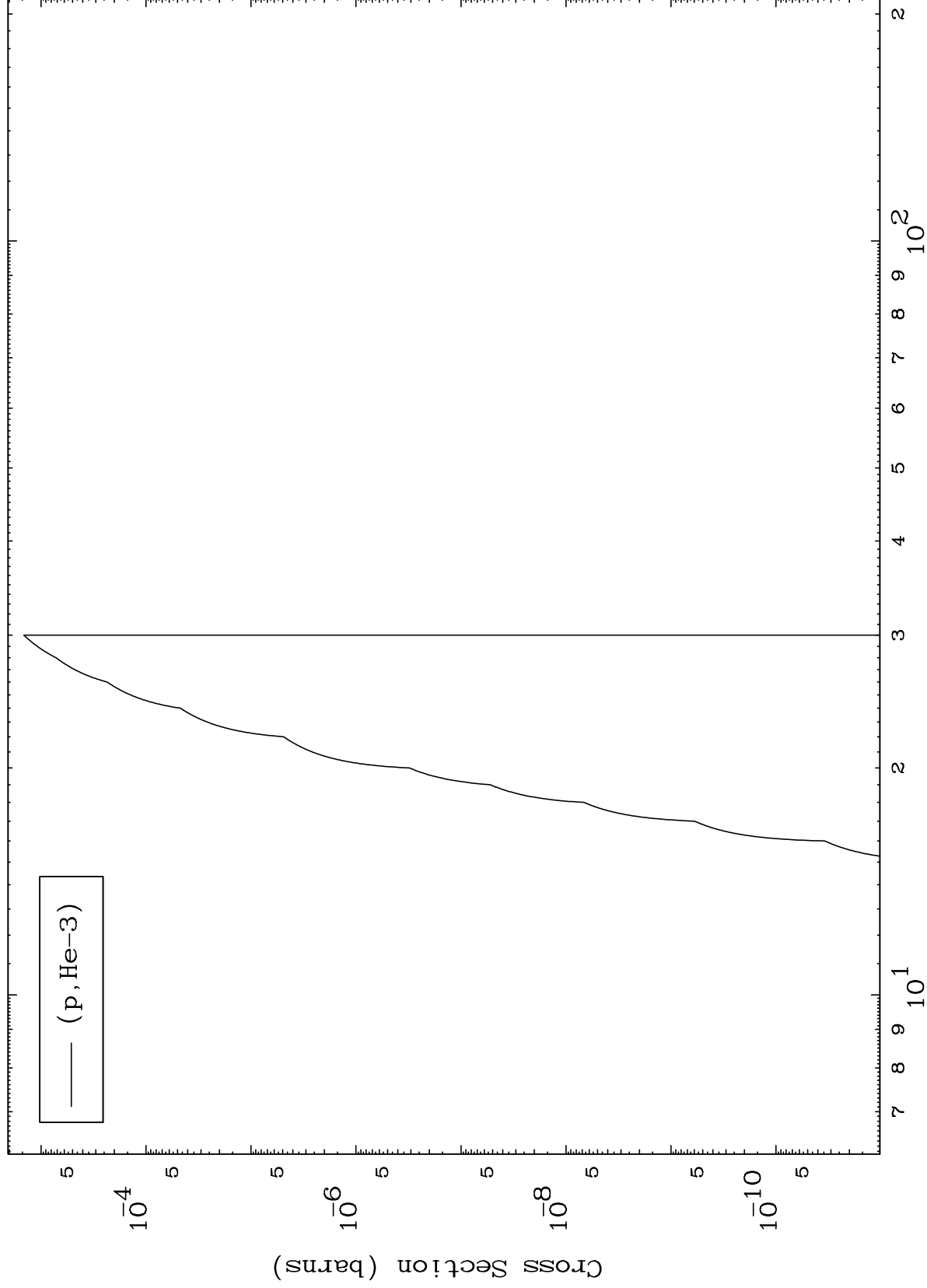
Incident Energy (MeV)

61-Pm-143

MAT 6137

61-Pm-143

(p,He3) Levels
0 Kelvin Cross Sections



9

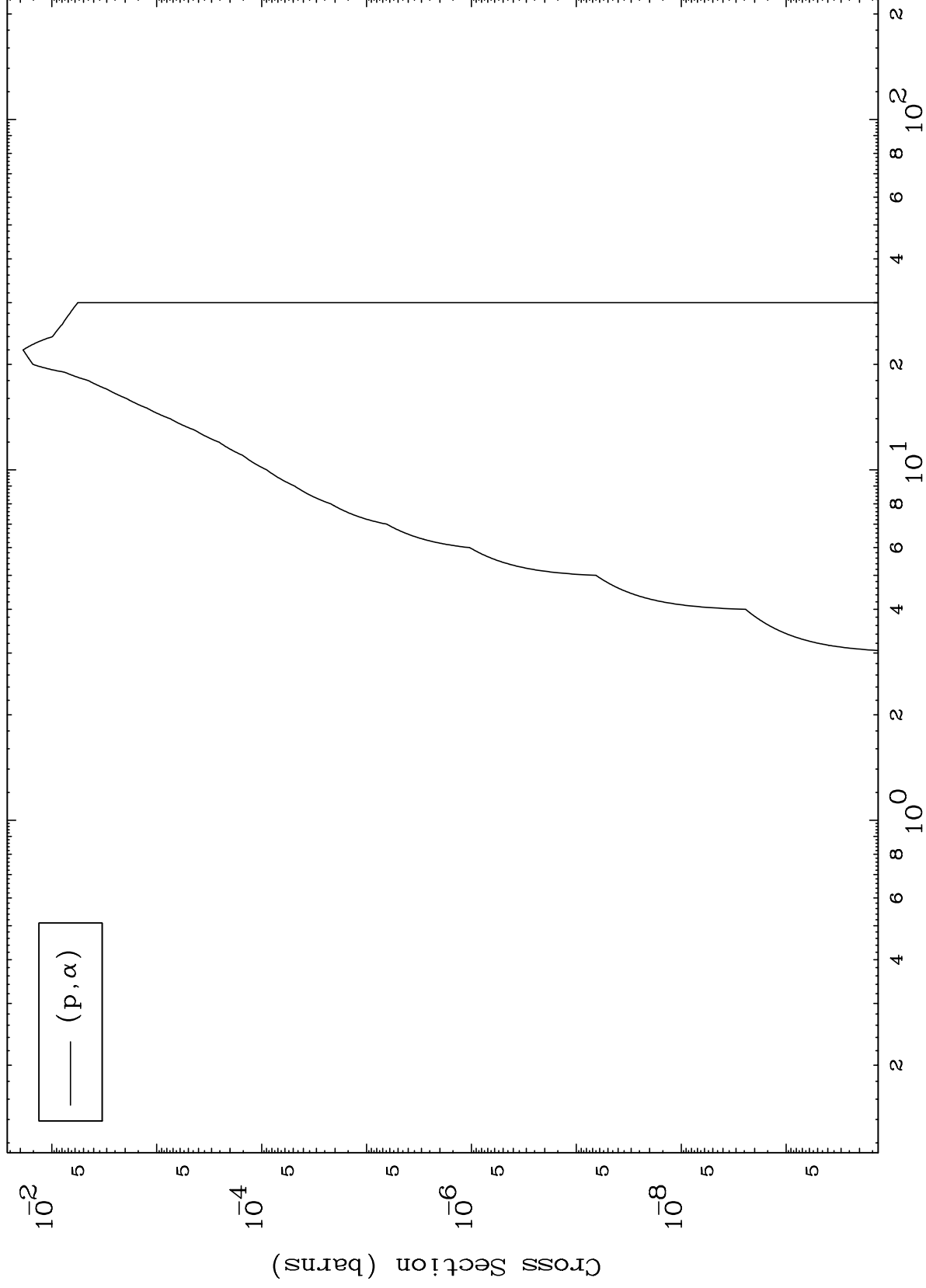
61-Pm-143

MAT 6137

(p, α) Levels

61-Pm-143

0 Kelvin Cross Sections

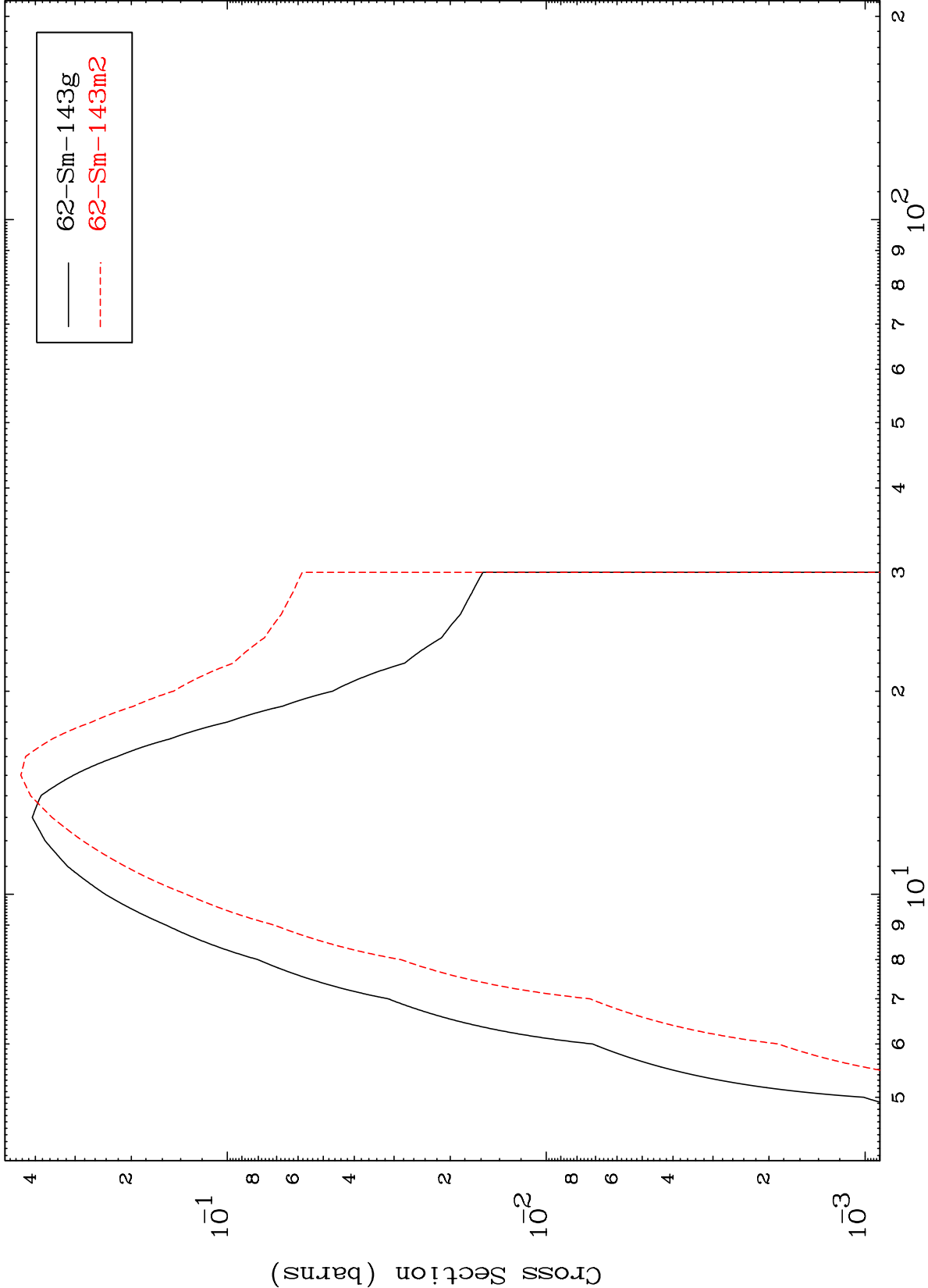


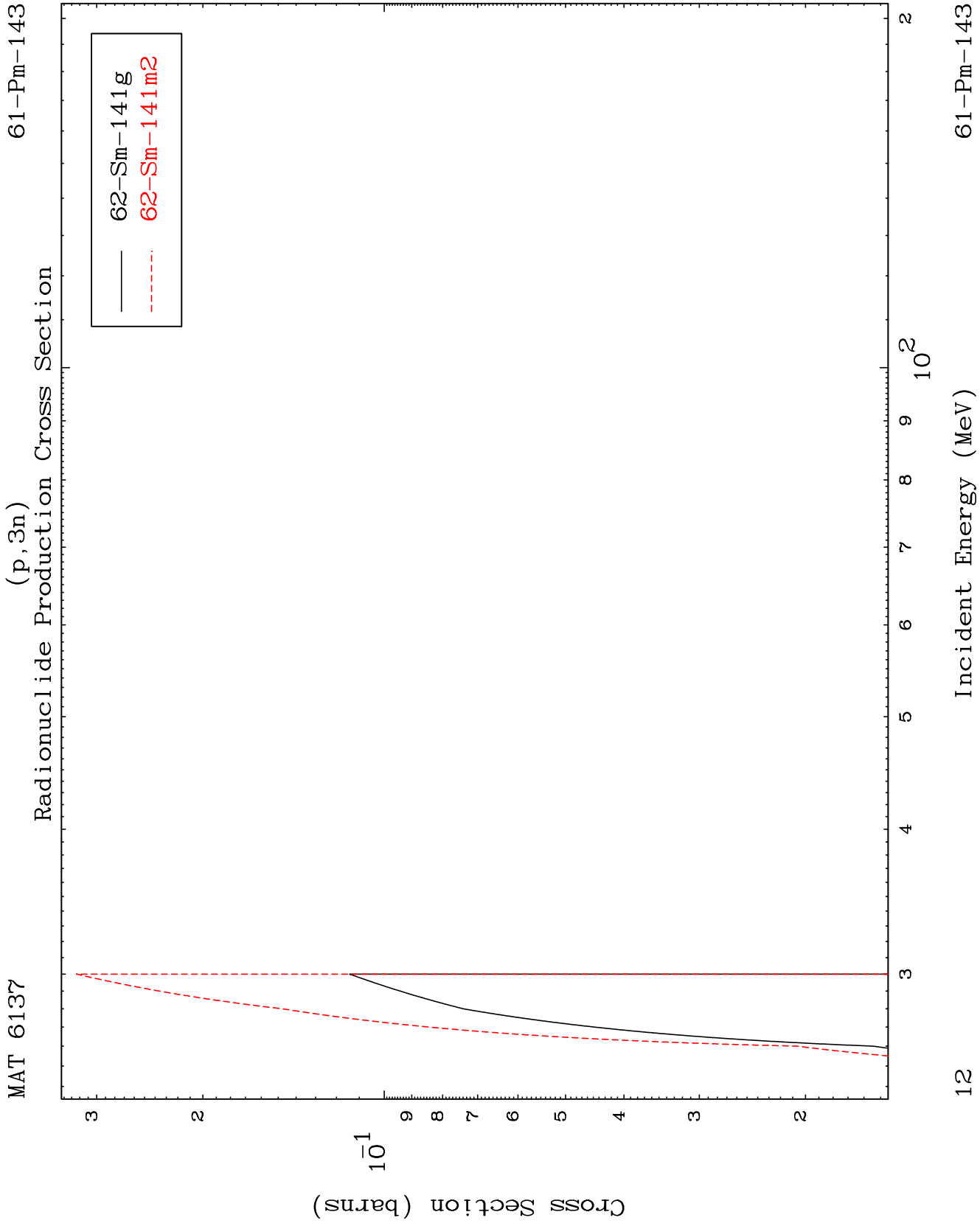
10

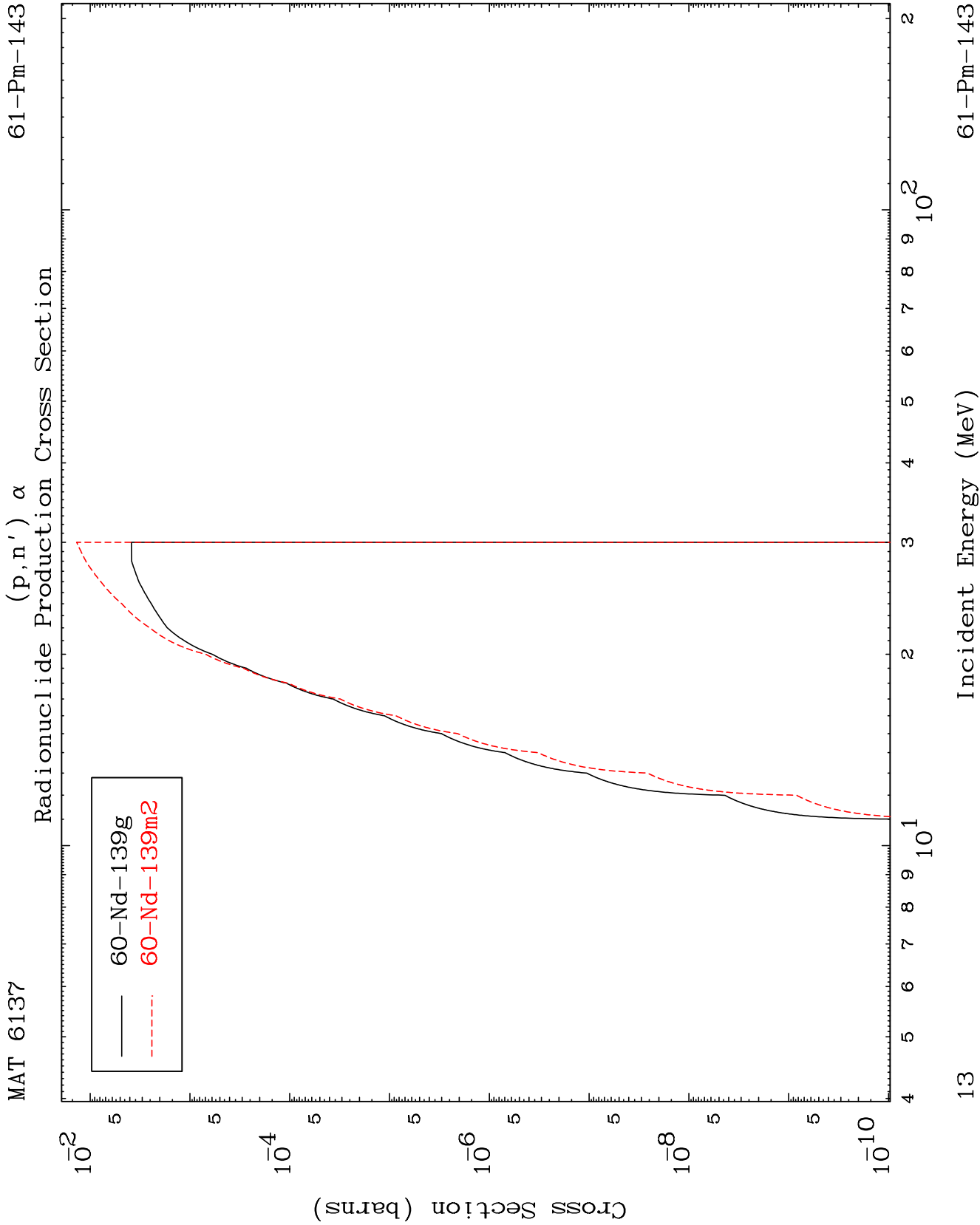
Incident Energy (MeV)

61-Pm-143

Proton Inelastic
Radionuclide Production Cross Section





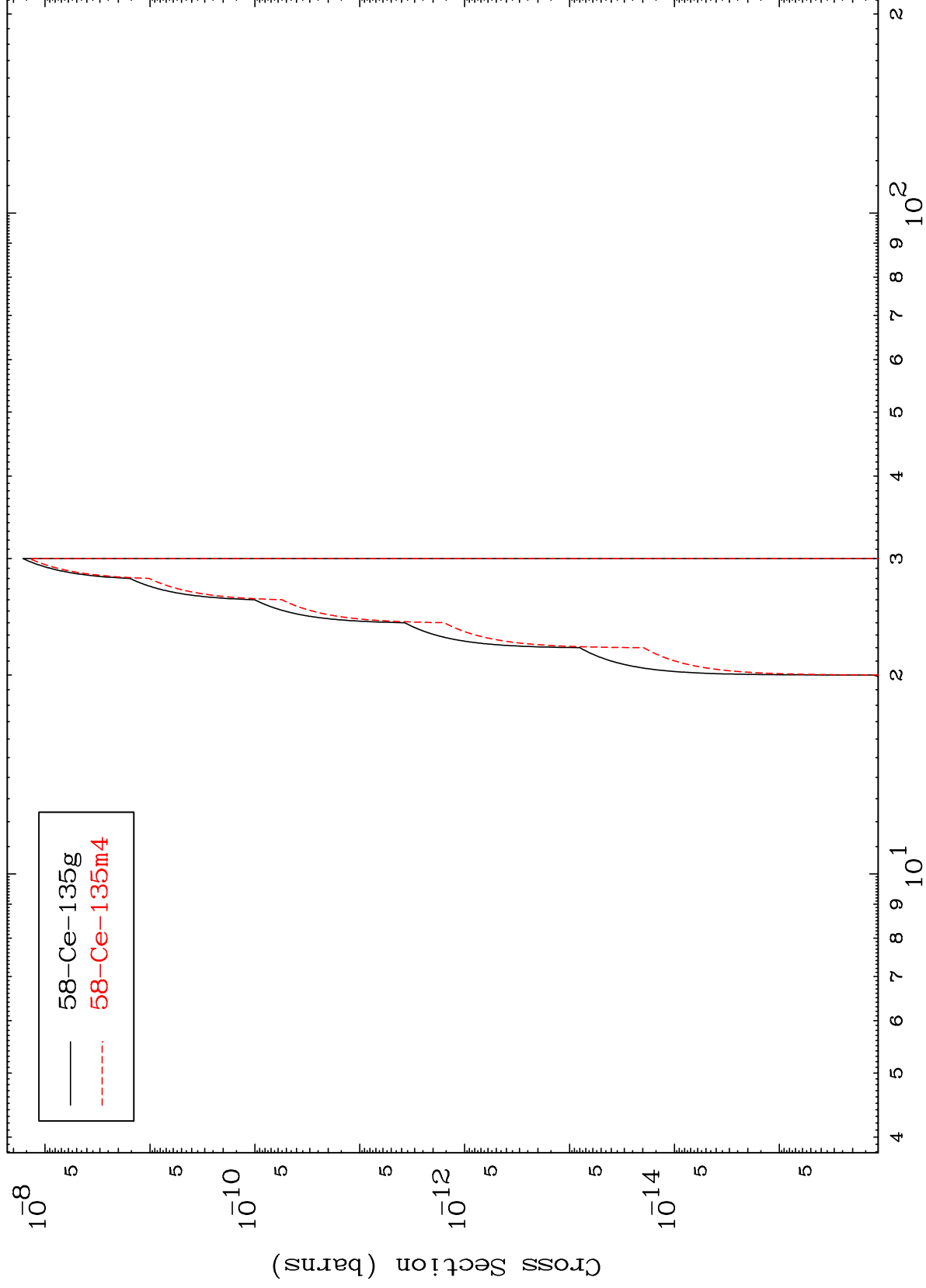


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(p,n') 2 α

61-Pm-143

Radionuclide Production Cross Section



14

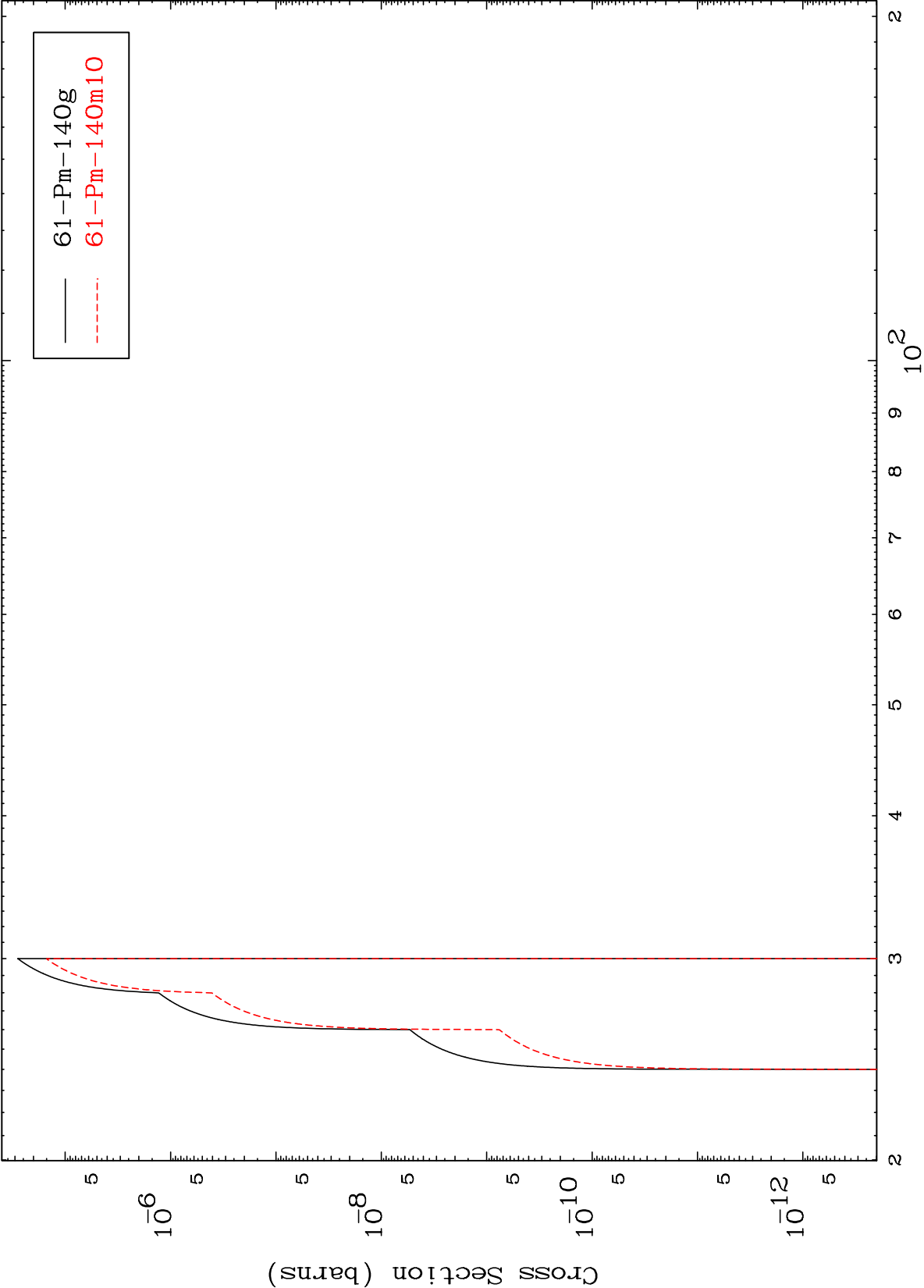
Incident Energy (MeV)

61-Pm-143

MAT 6137

61-Pm-143

(p,n') t
Radionuclide Production Cross Section



15

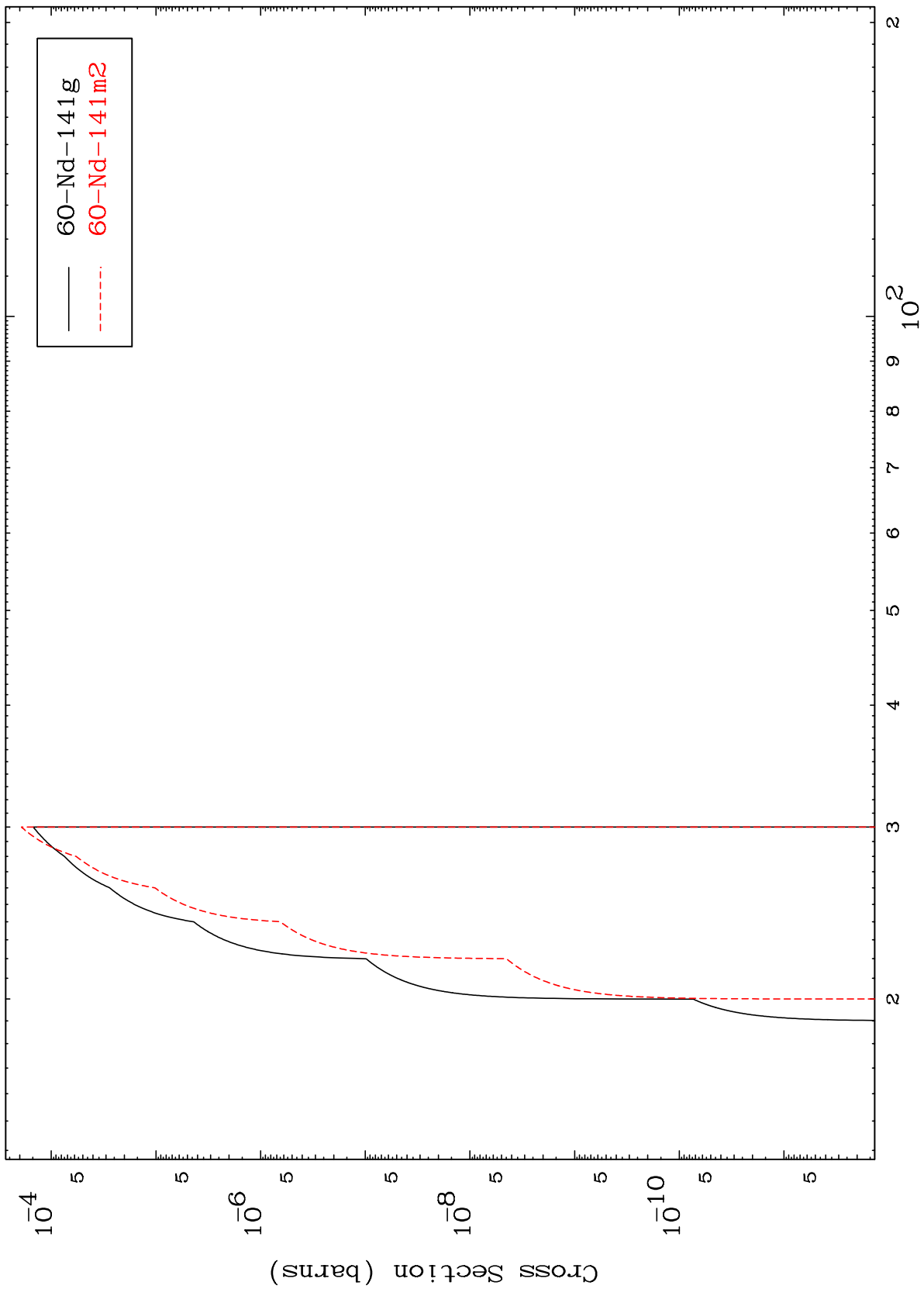
Incident Energy (MeV)

61-Pm-143

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61-Pm-143

(p,2n) p
Radionuclide Production Cross Section



16

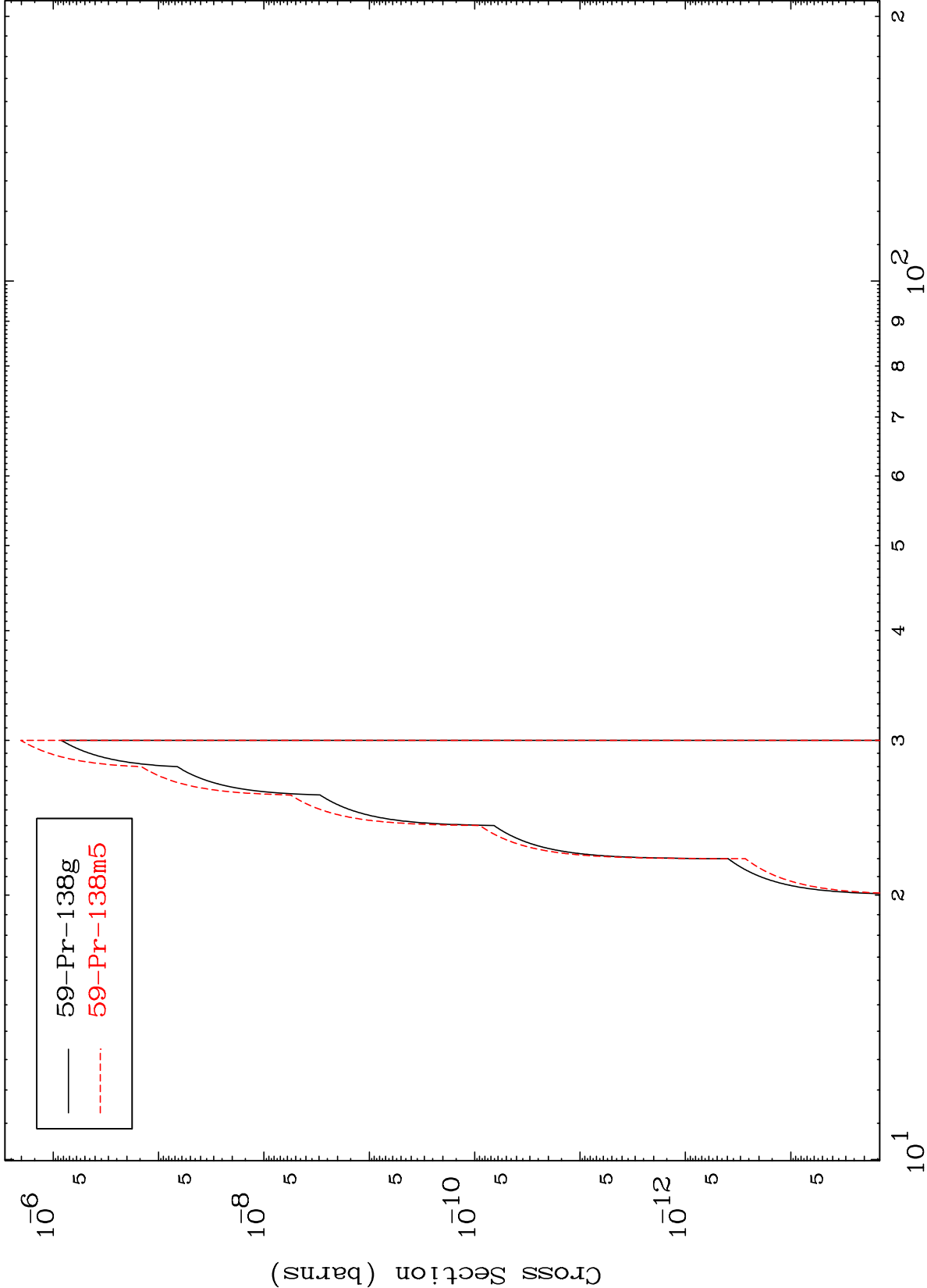
Incident Energy (MeV)

61-Pm-143

MAT 6137

61-Pm-143

(p,n') p α
Radionuclide Production Cross Section



61-Pm-143

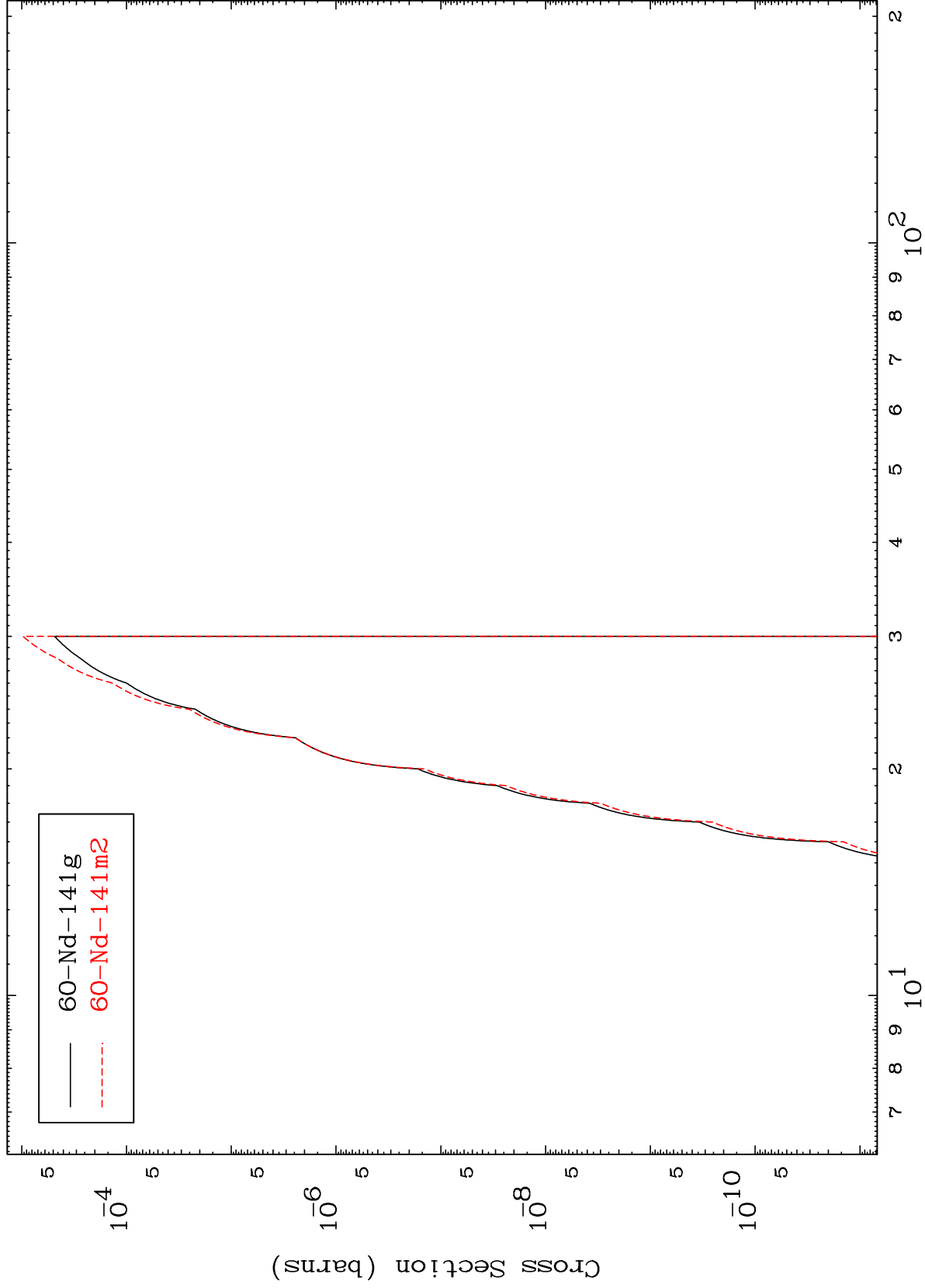
Incident Energy (MeV)

17

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61-Pm-143

Radionuclide Production Cross Section
(p,He-3)

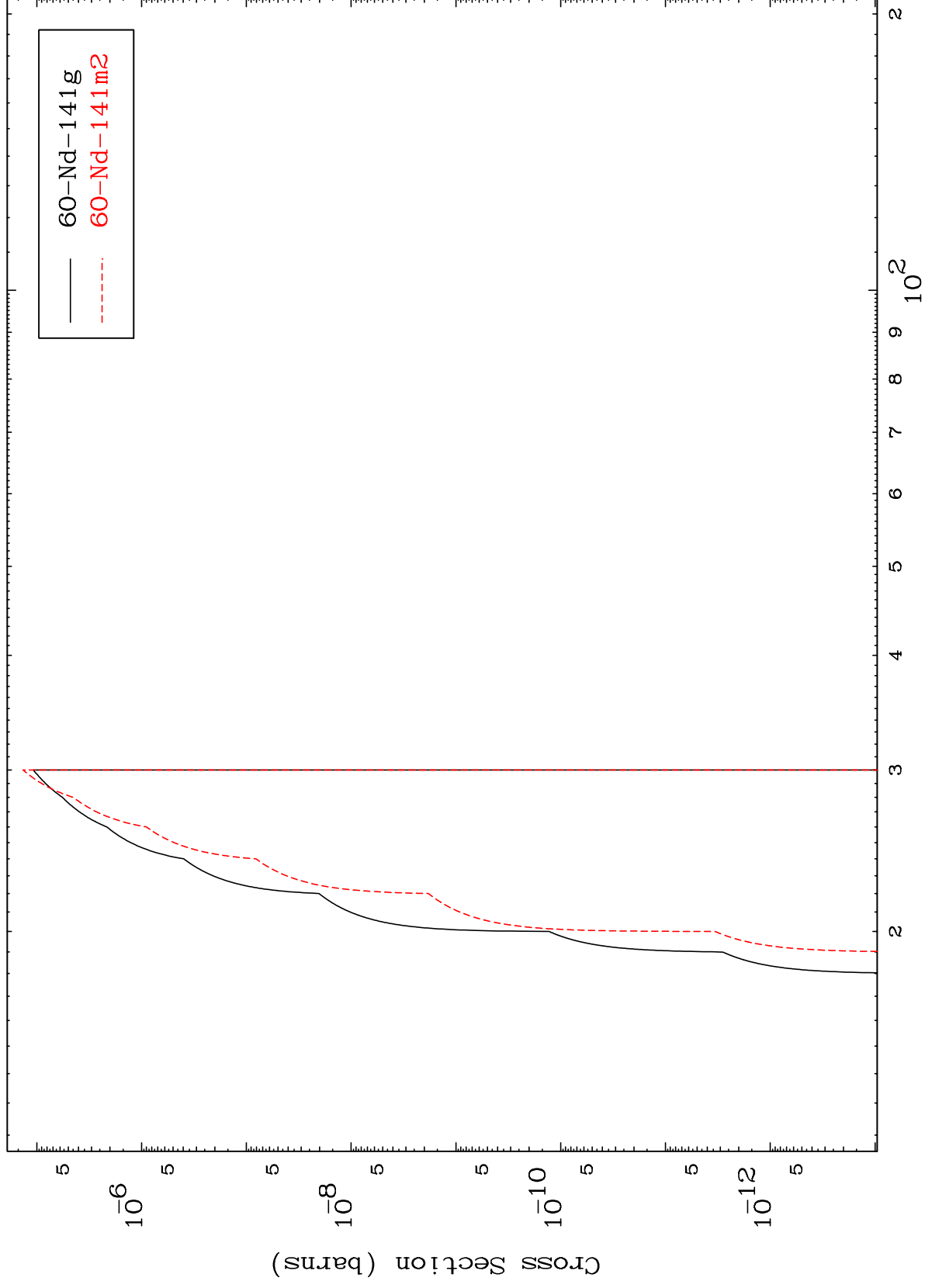


18

Incident Energy (MeV)

61-Pm-143

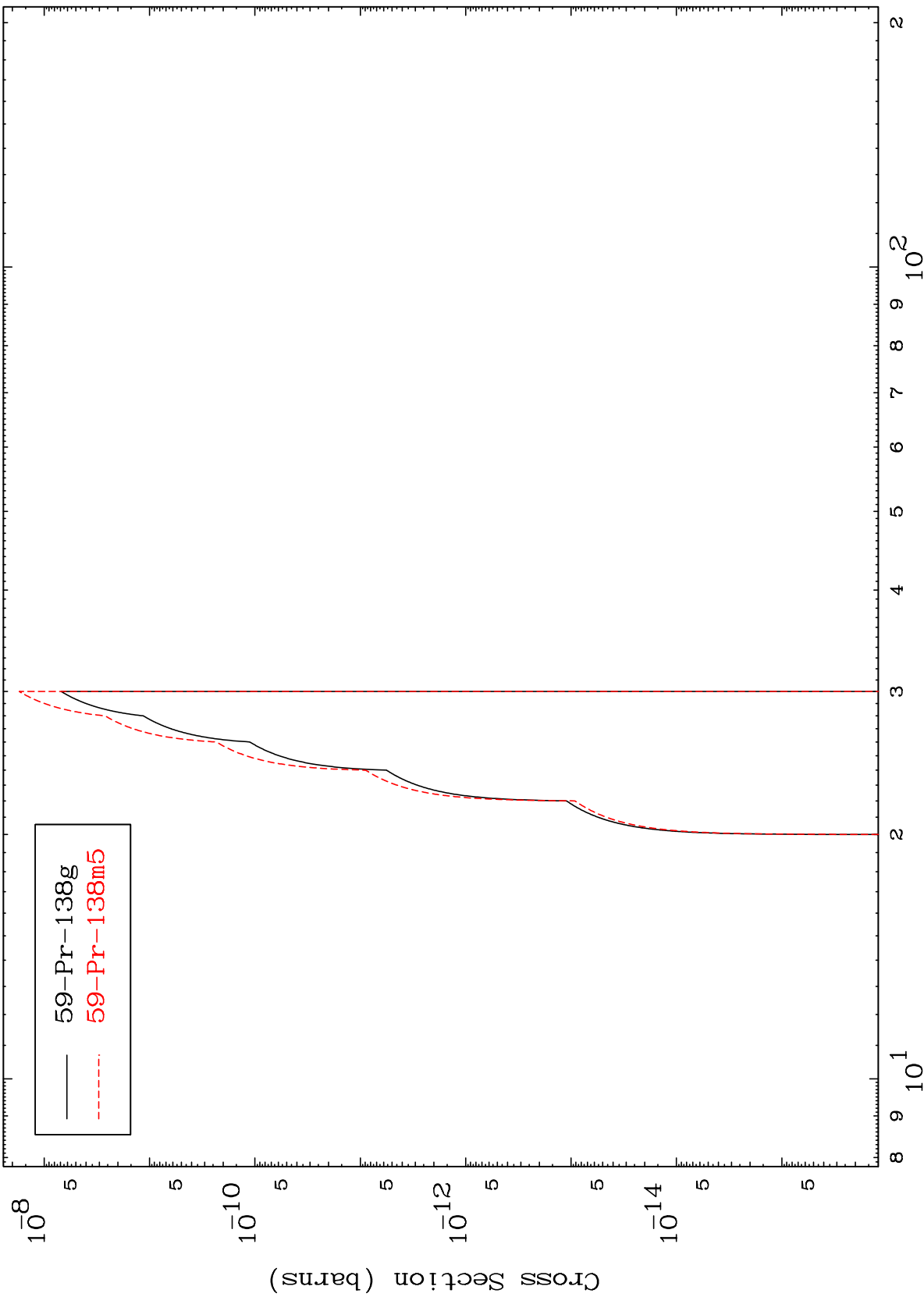
(p,p) d
Radionuclide Production Cross Section



MAT 6137

61-Pm-143

Radionuclide Production Cross Section
(p,d) α



61-Pm-143

Incident Energy (MeV)

20