

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

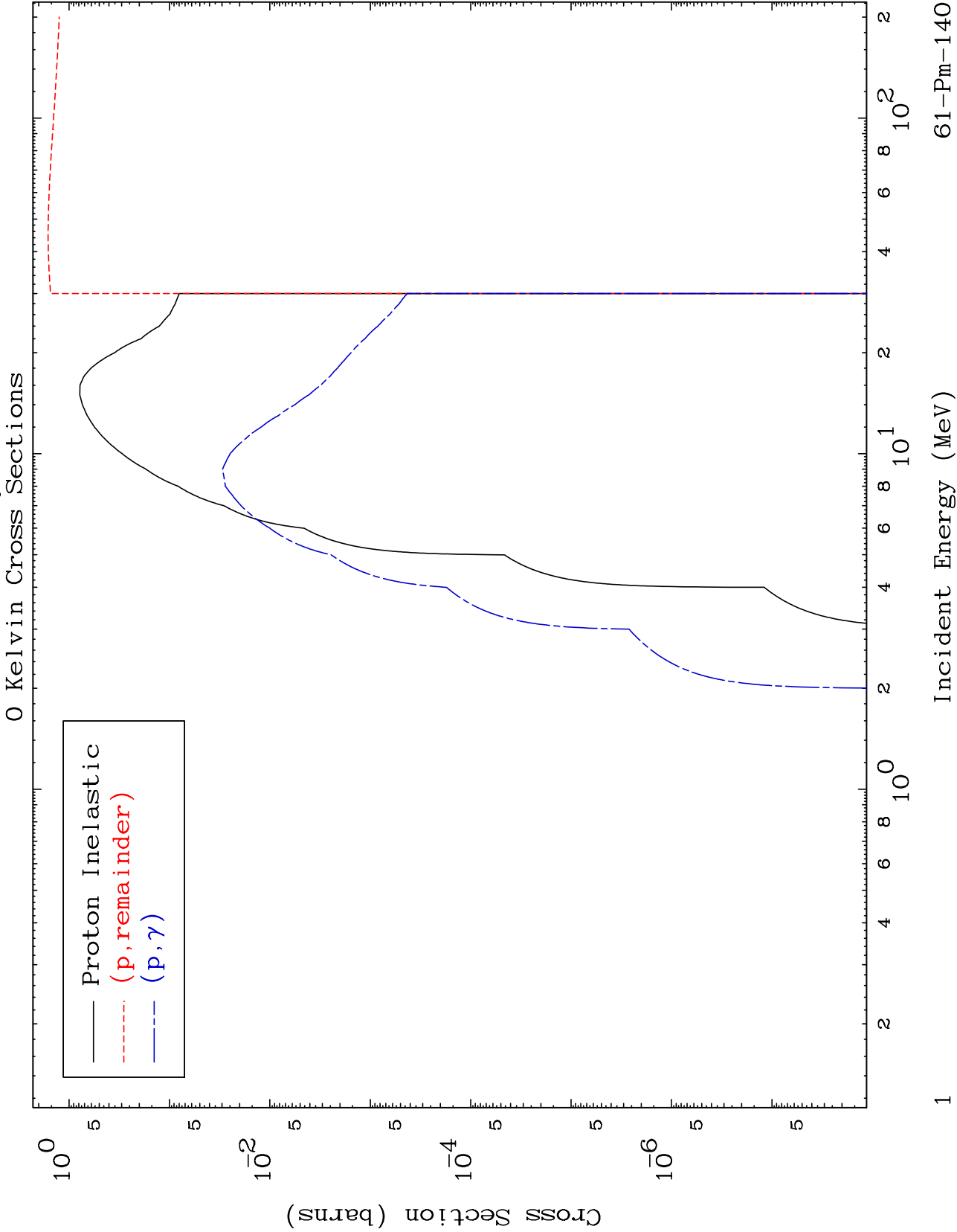
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Web:redcullen1.net/HOMEPAGE.NEW

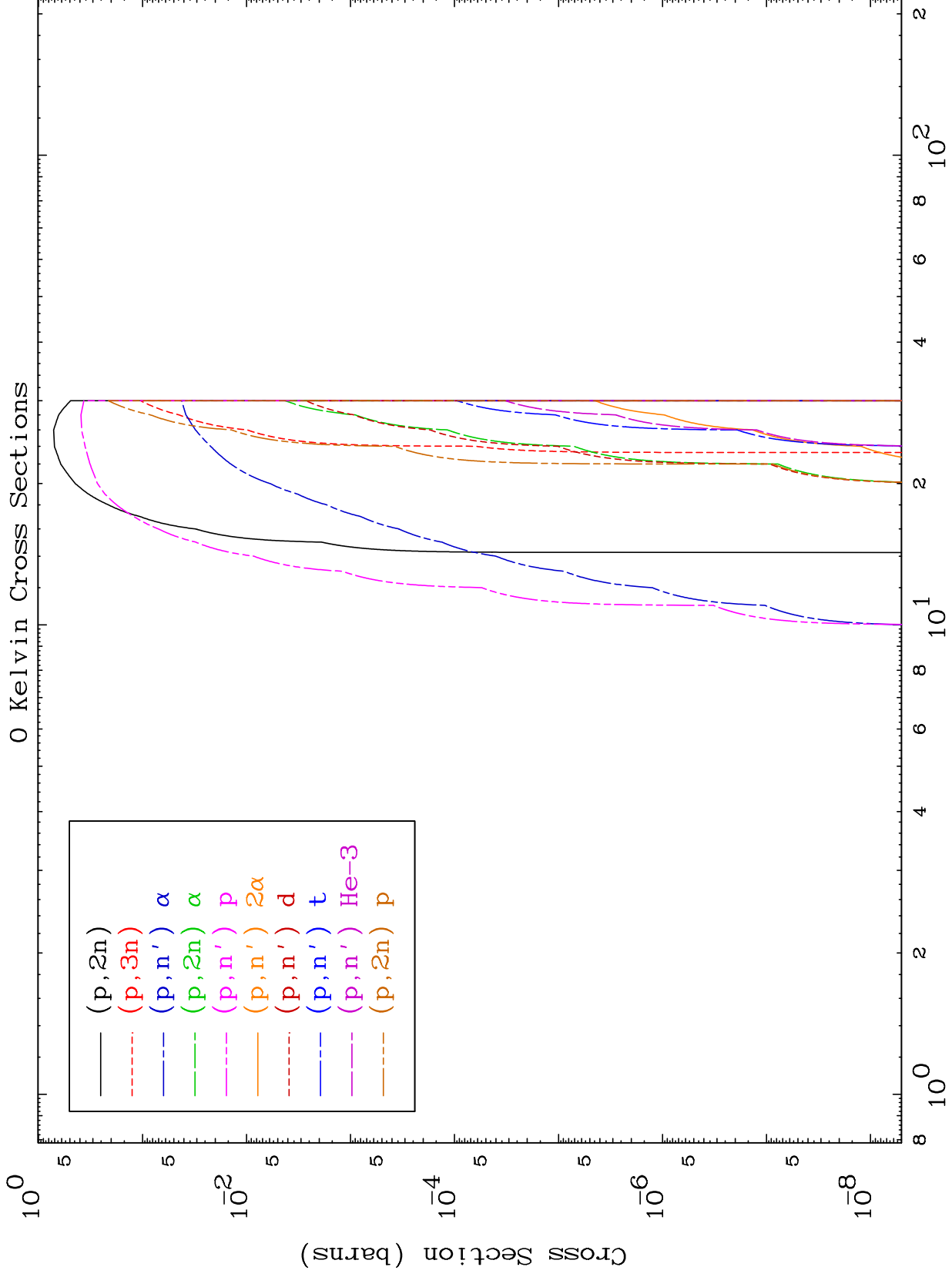
Press Mouse Button to Start



MAT 6129

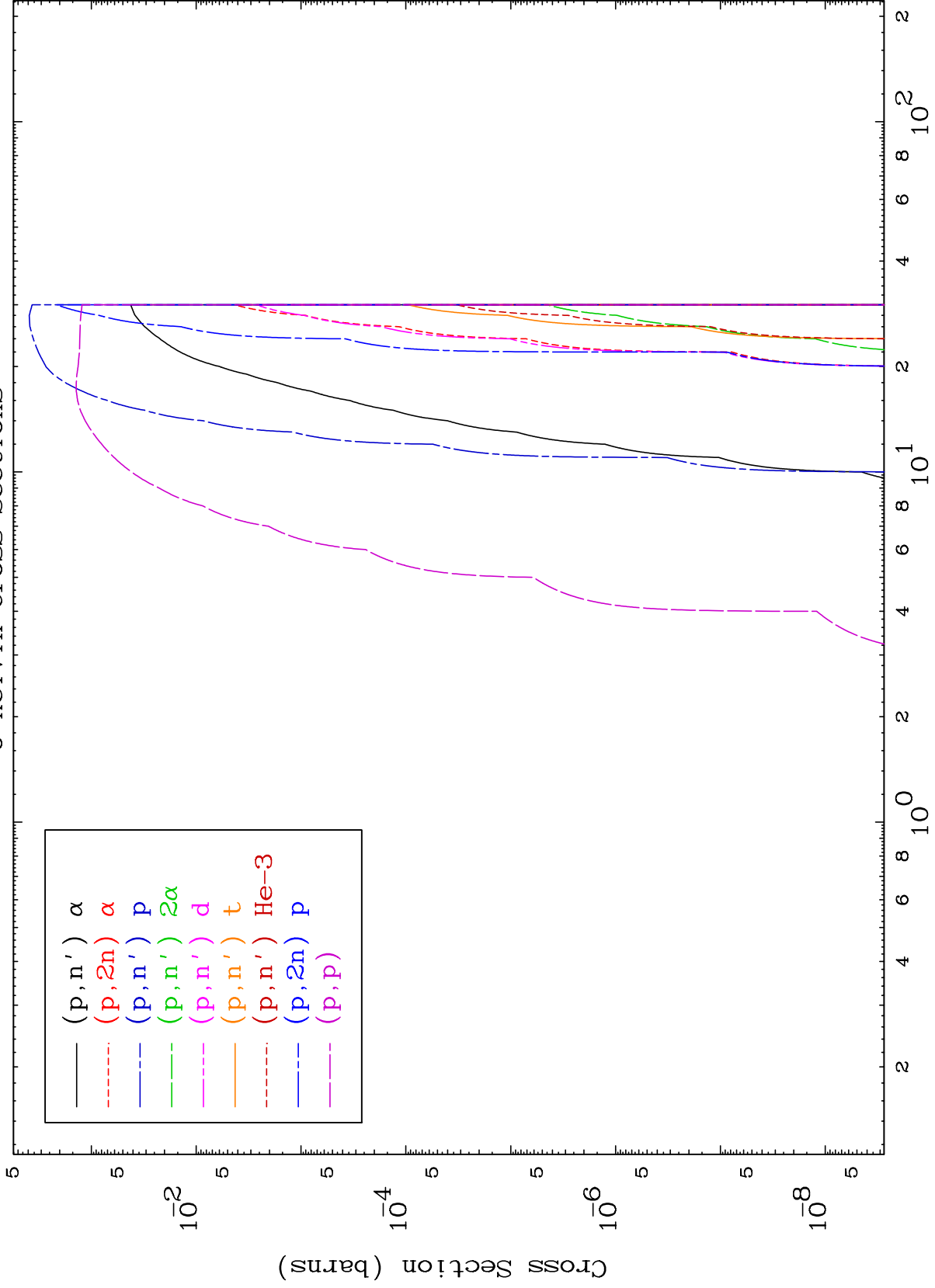
Proton Neutron Production
0 Kelvin Cross Sections

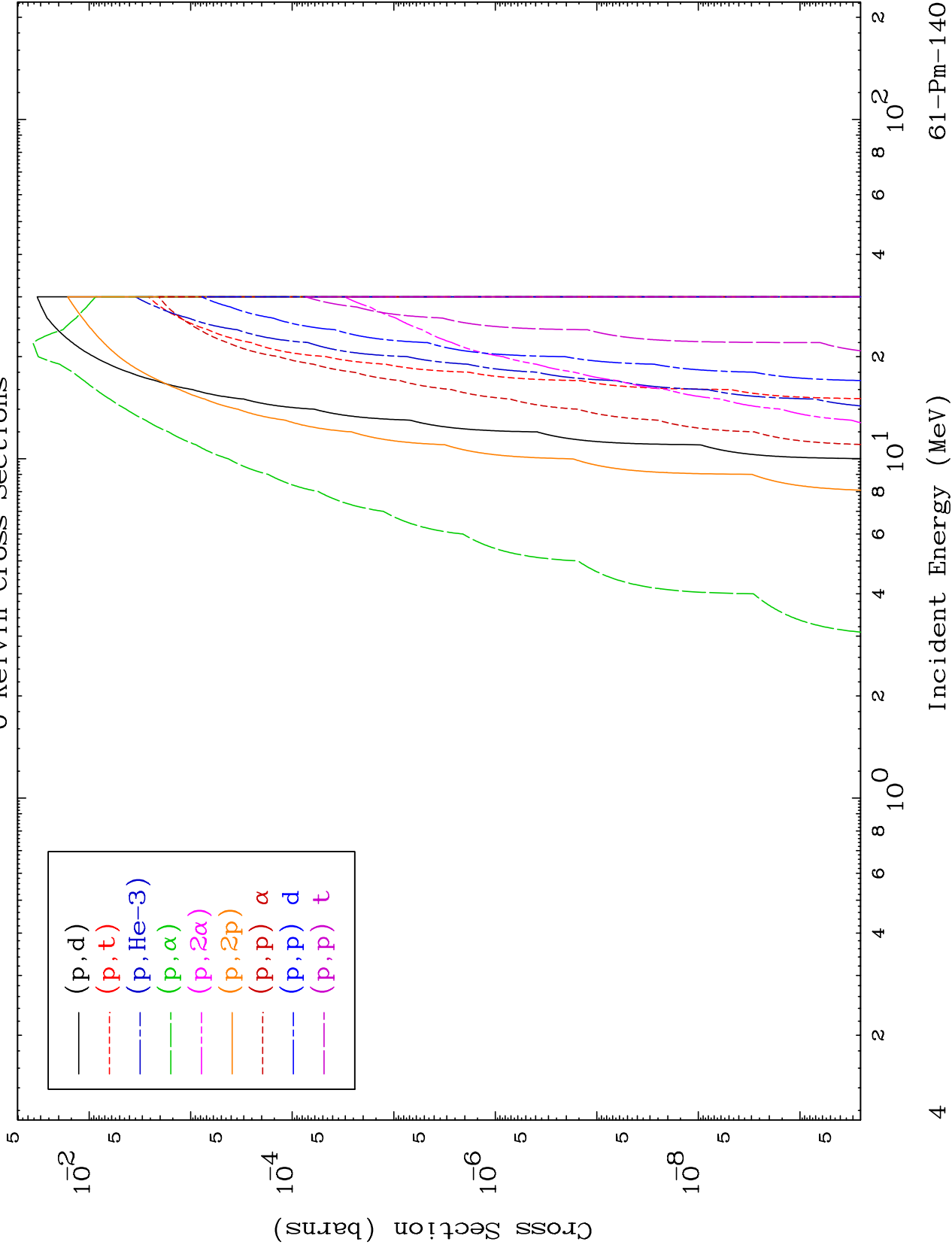
61-Pm-140



Incident Energy (MeV)

61-Pm-140

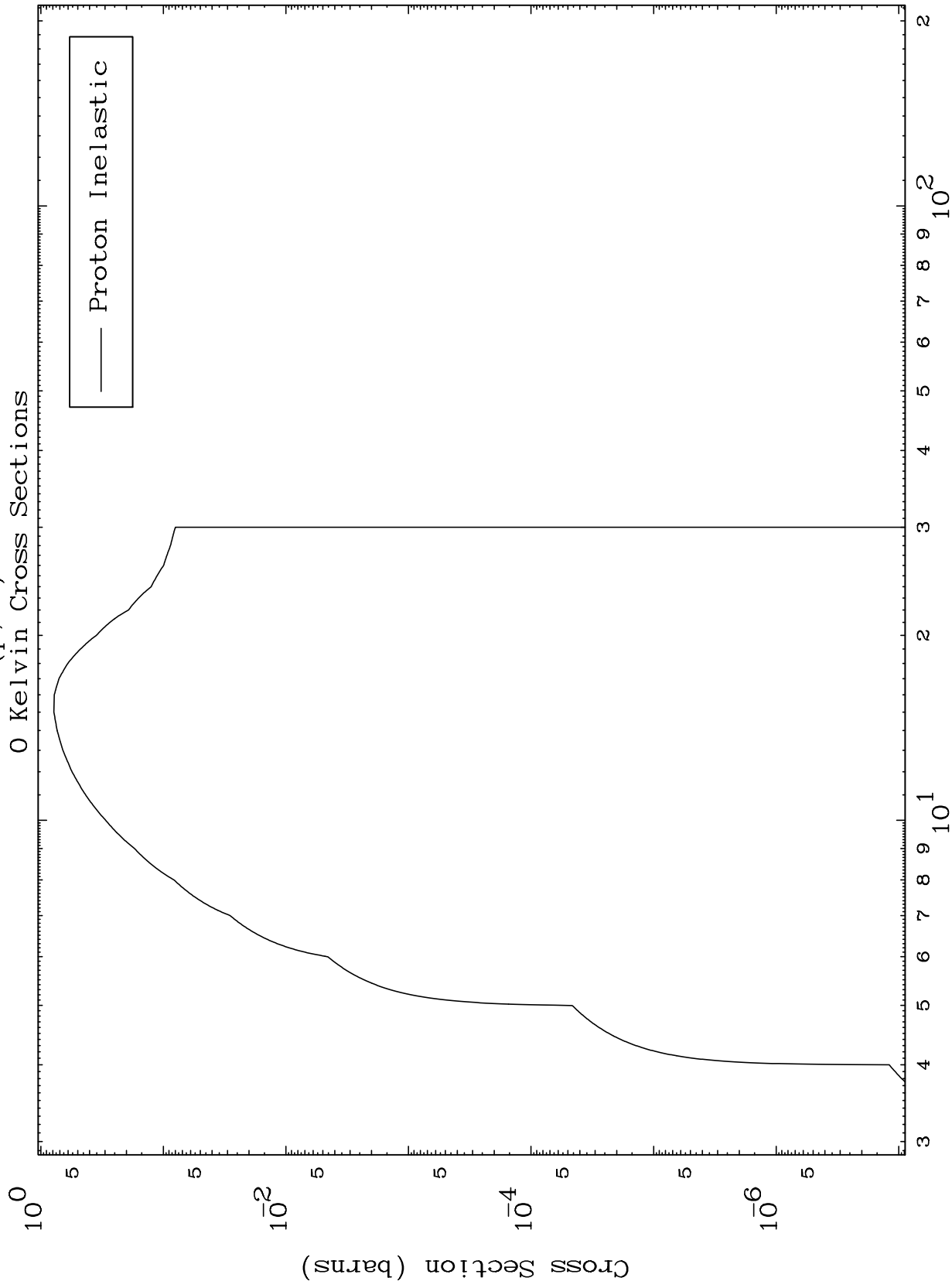




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(p,n') Level

61-Pm-140



Incident Energy (MeV)

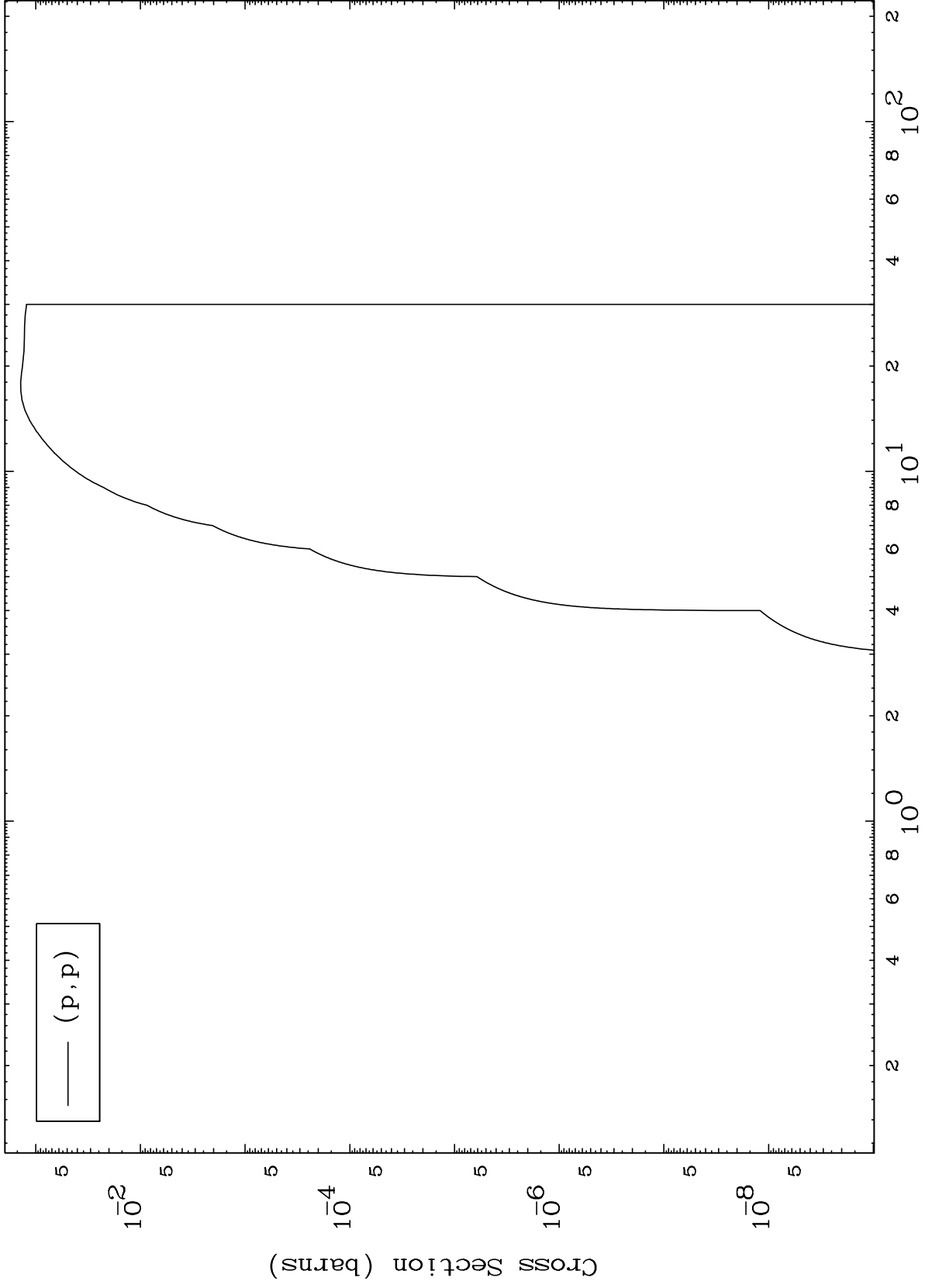
61-Pm-140

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(p,p) Levels
0 Kelvin Cross Sections

61-Pm-140



6

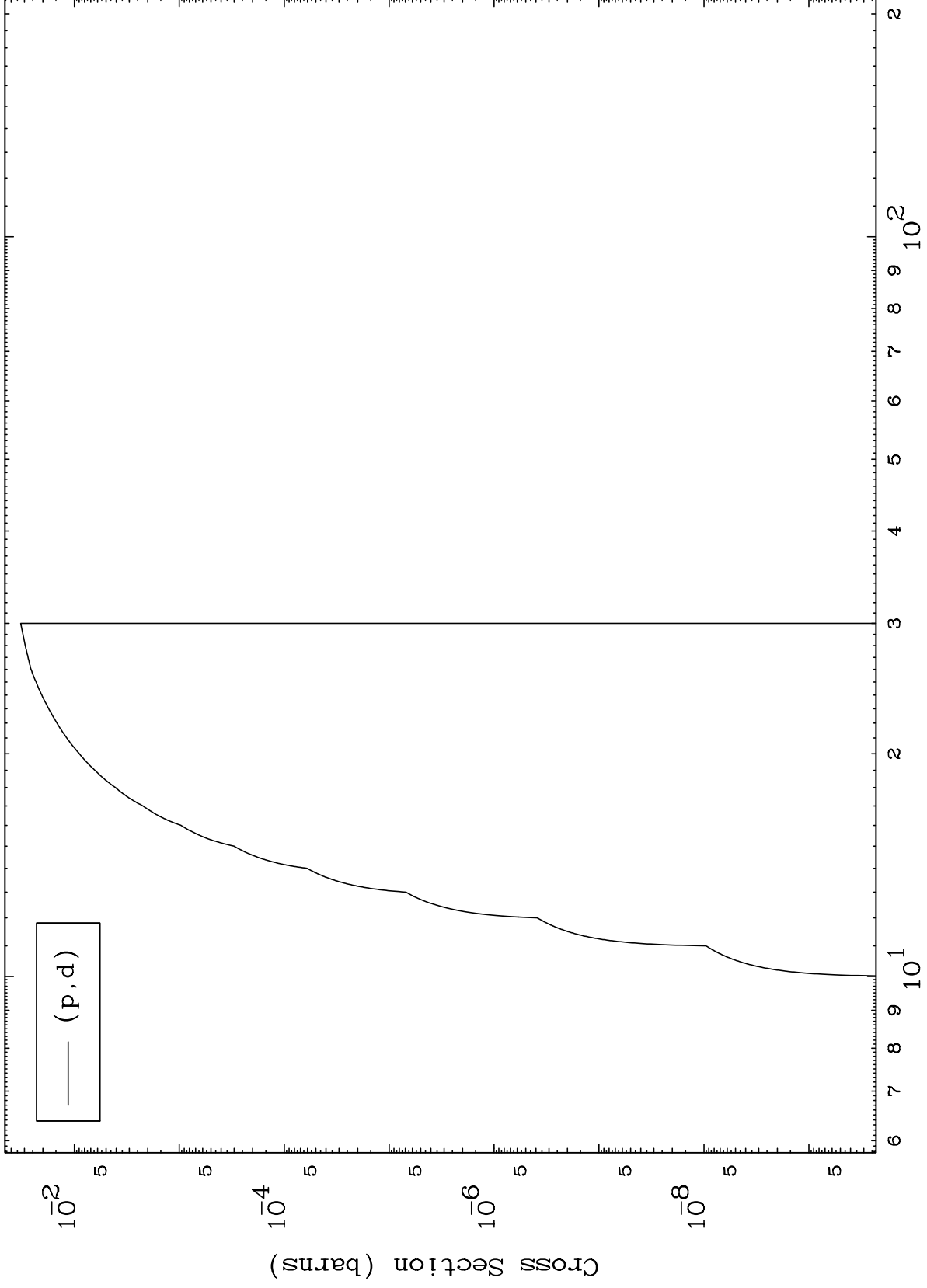
Incident Energy (MeV)

61-Pm-140

MAT 6129

(p,d) Levels
0 Kelvin Cross Sections

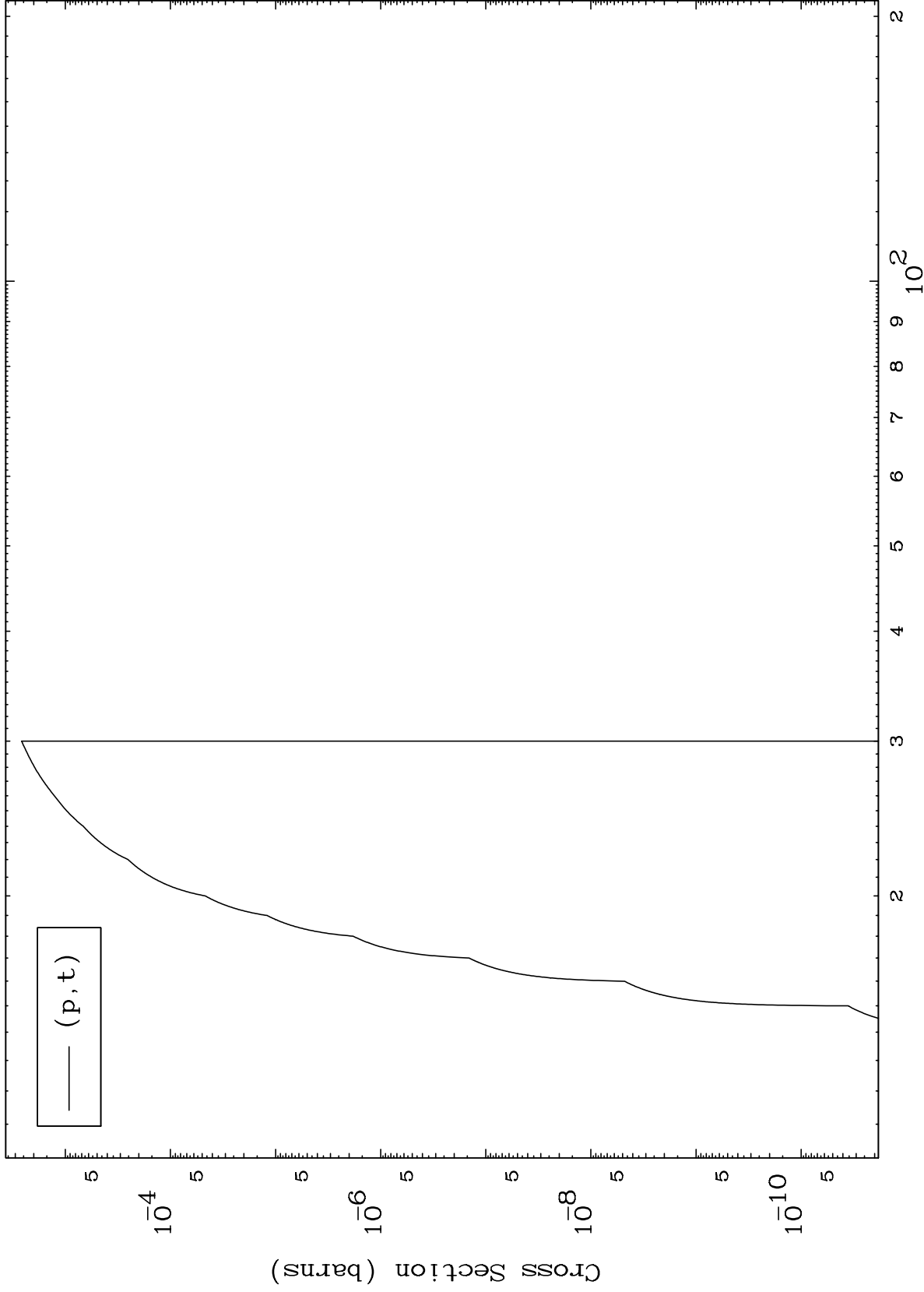
61-Pm-140



7

Incident Energy (MeV)

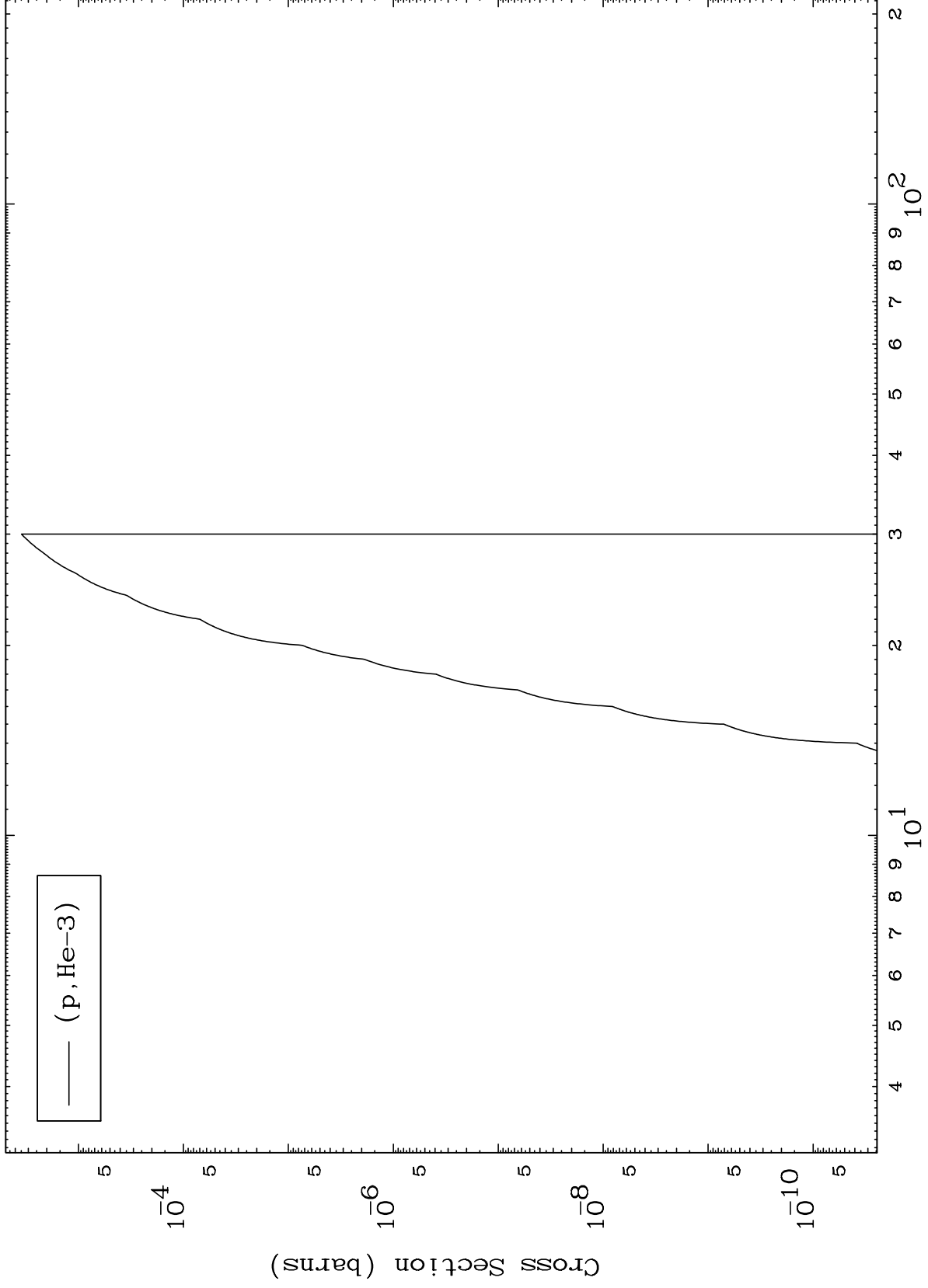
61-Pm-140



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(p,He3) Levels
0 Kelvin Cross Sections

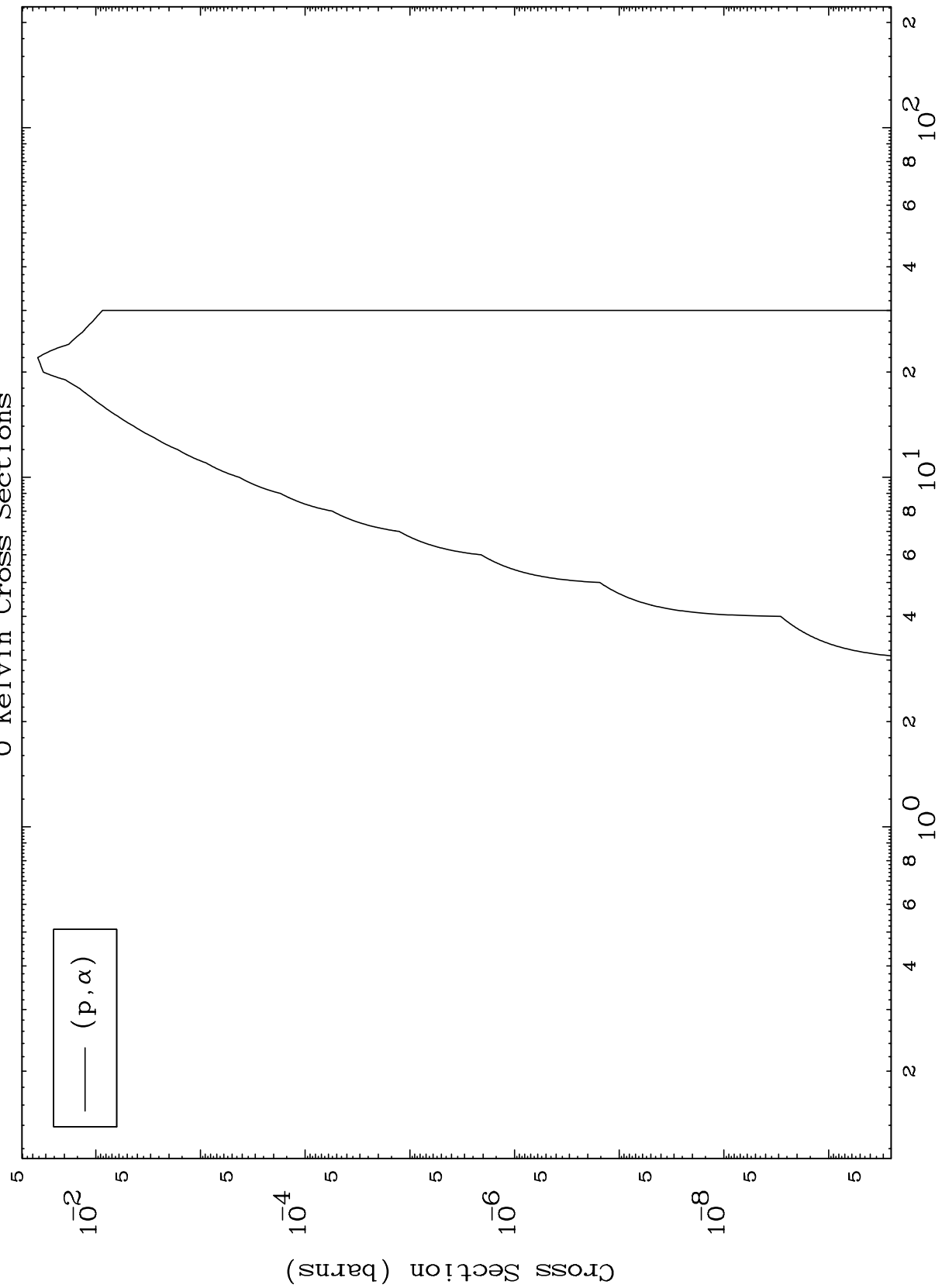
61-Pm-140



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61-Pm-140

(p, α) Levels
0 Kelvin Cross Sections



61-Pm-140

Incident Energy (MeV)

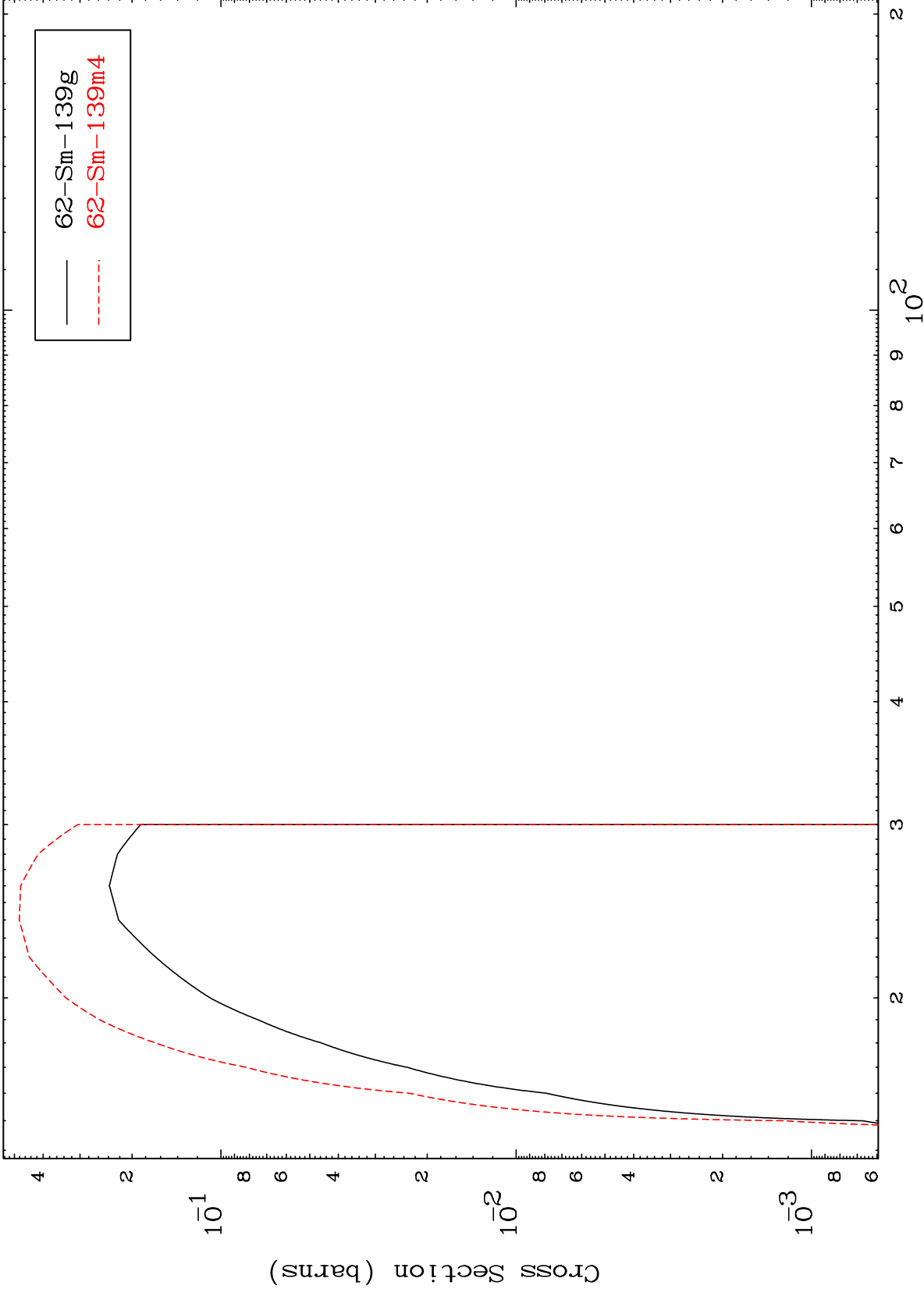
10

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(p,2n)

61-Pm-140

Radionuclide Production Cross Section

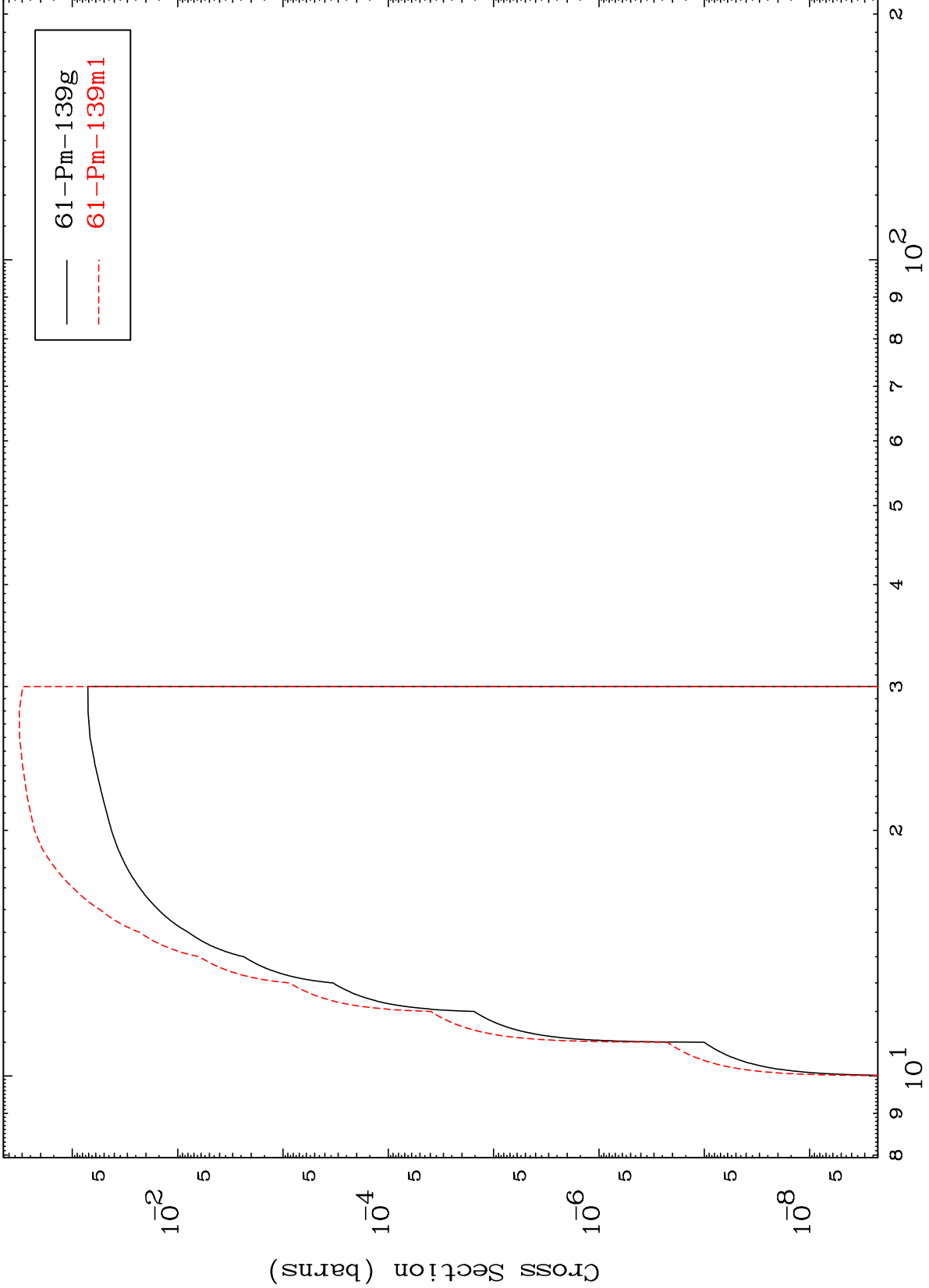


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(p,n') p

61-Pm-140

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

12

Incident Energy (MeV)

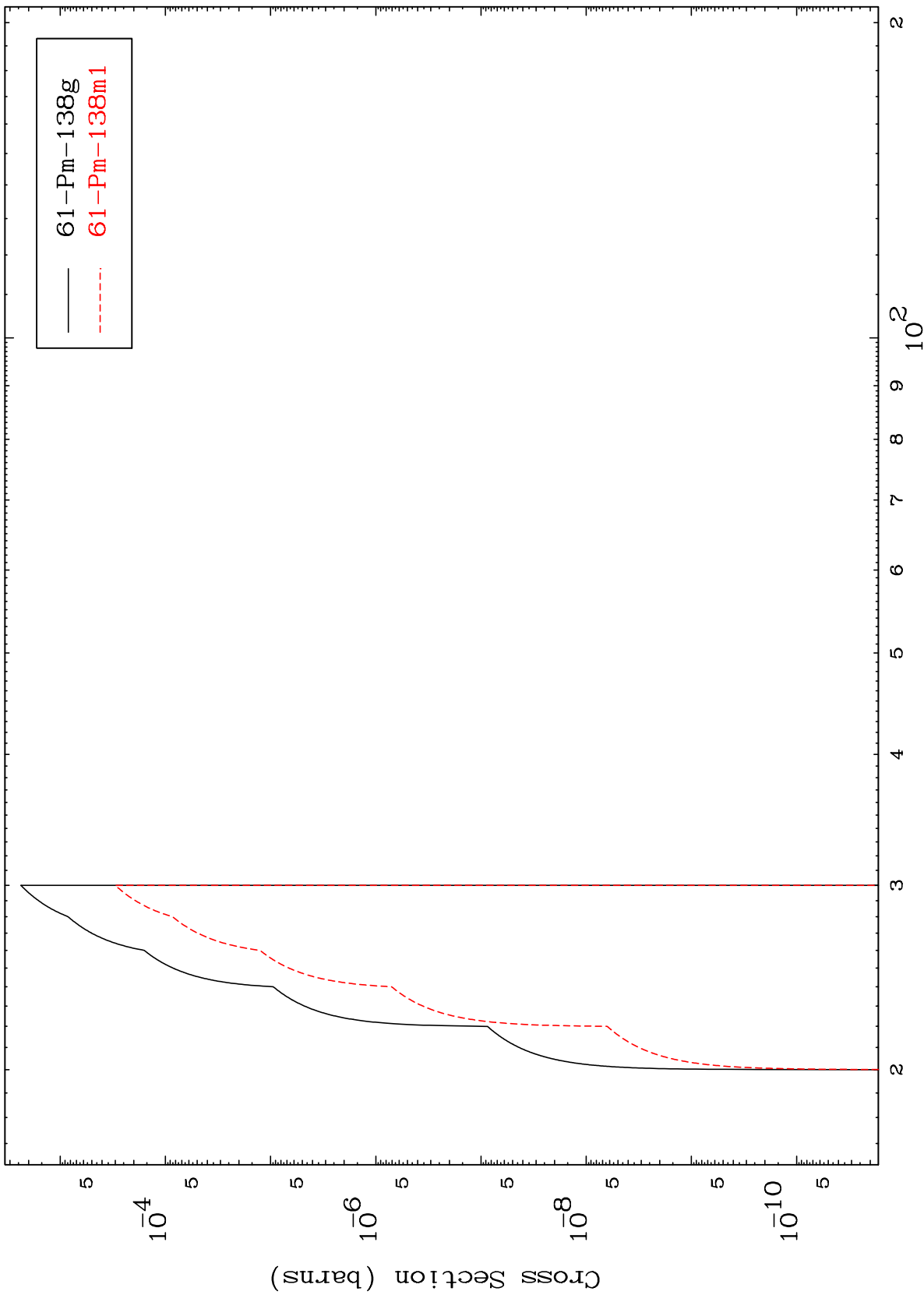
61-Pm-140

MAT 6129

(p,n') d

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

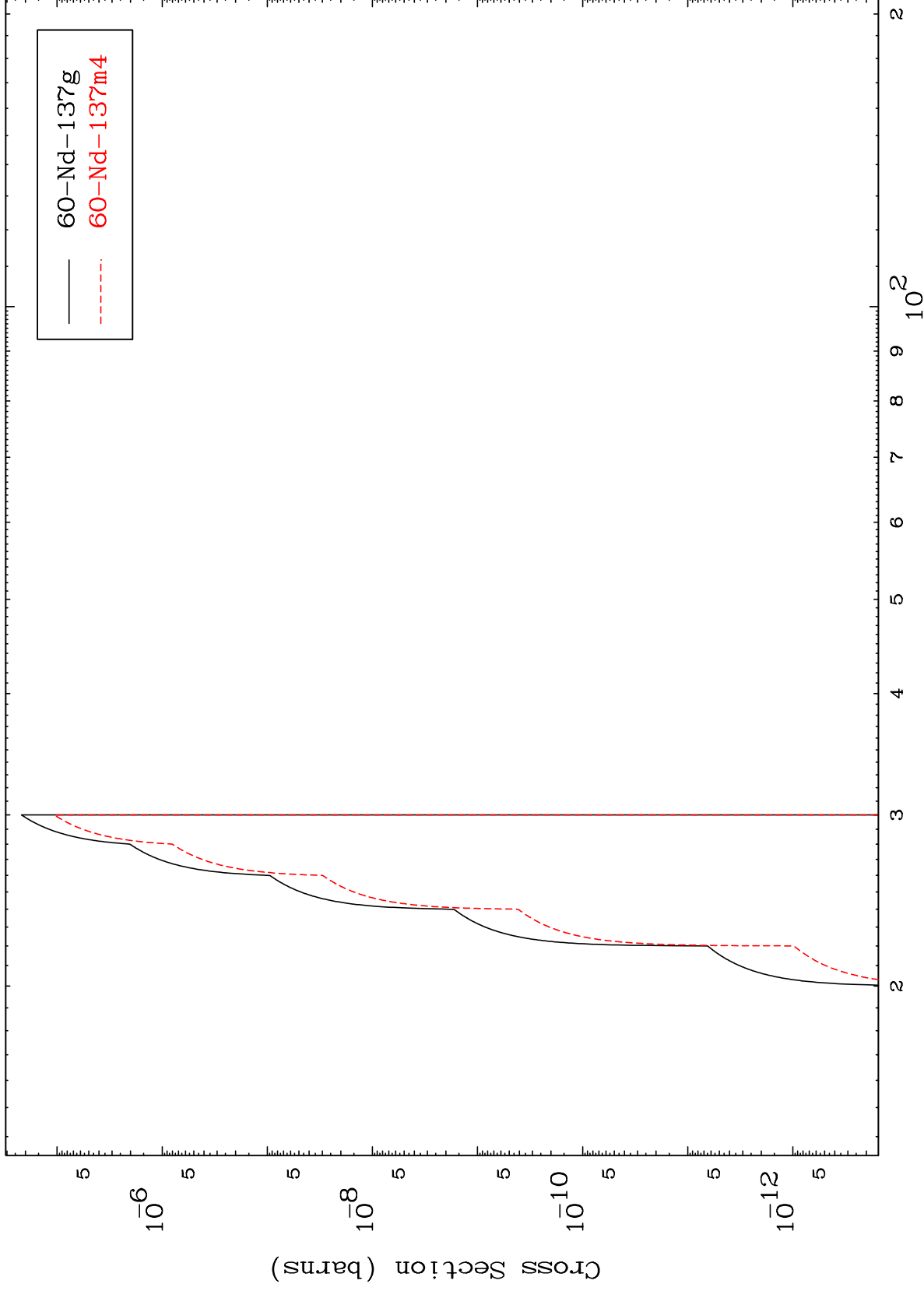
61-Pm-140

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(p,n') He-3

61-Pm-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

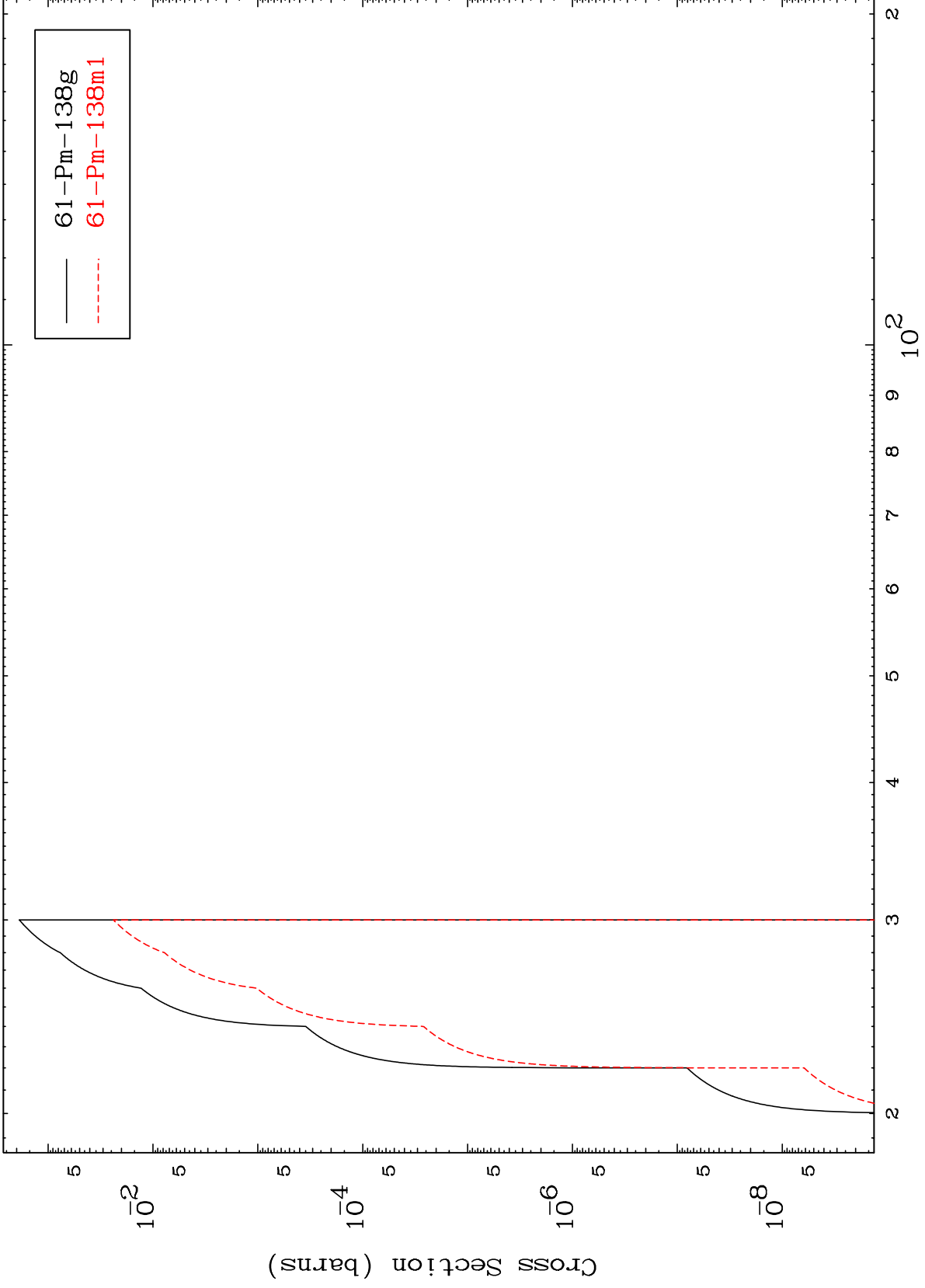
61-Pm-140

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(p,2n) p

61-Pm-140

Radionuclide Production Cross Section



15

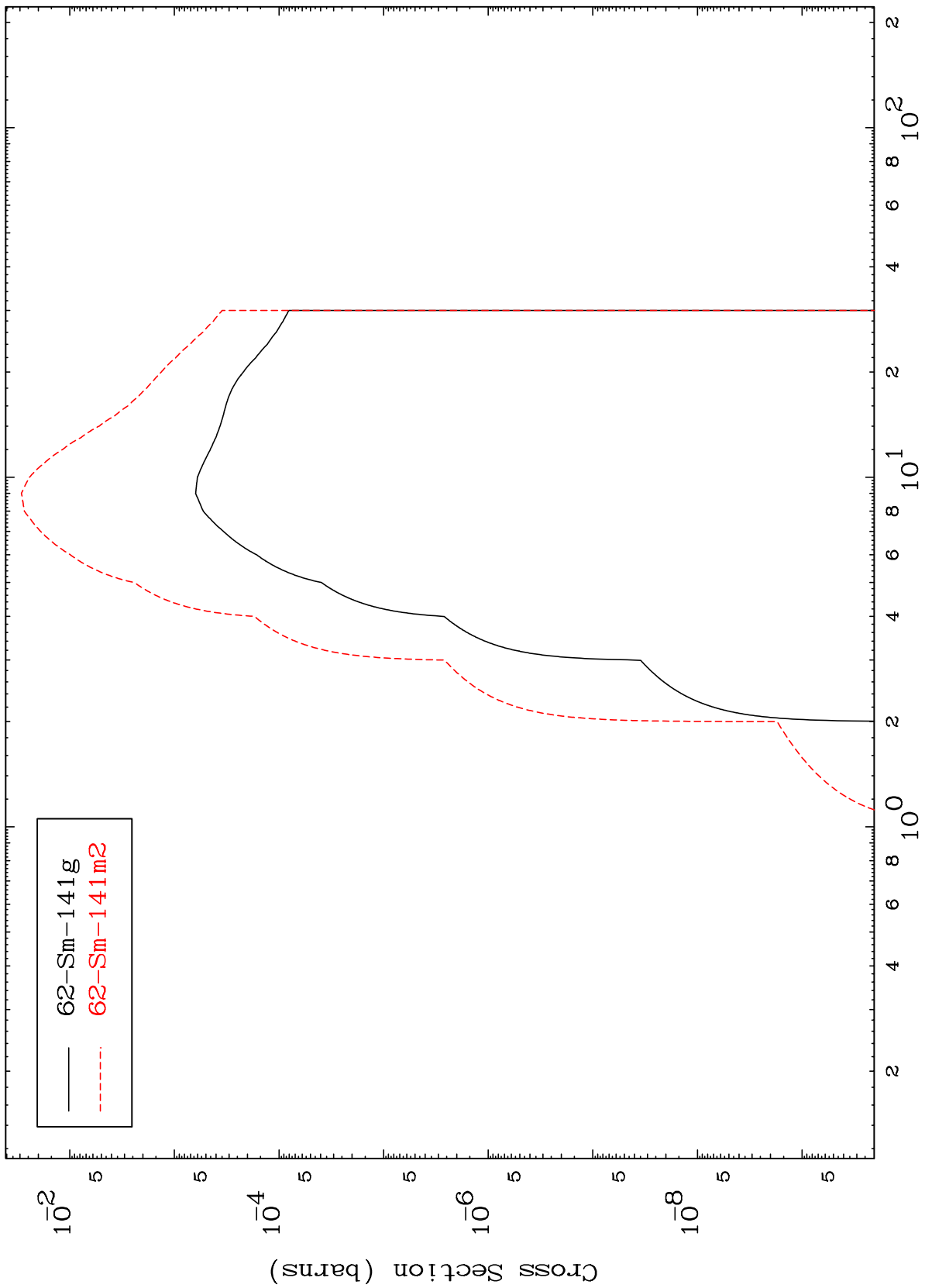
Incident Energy (MeV)

61-Pm-140

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61-Pm-140

(p, γ)
Radionuclide Production Cross Section

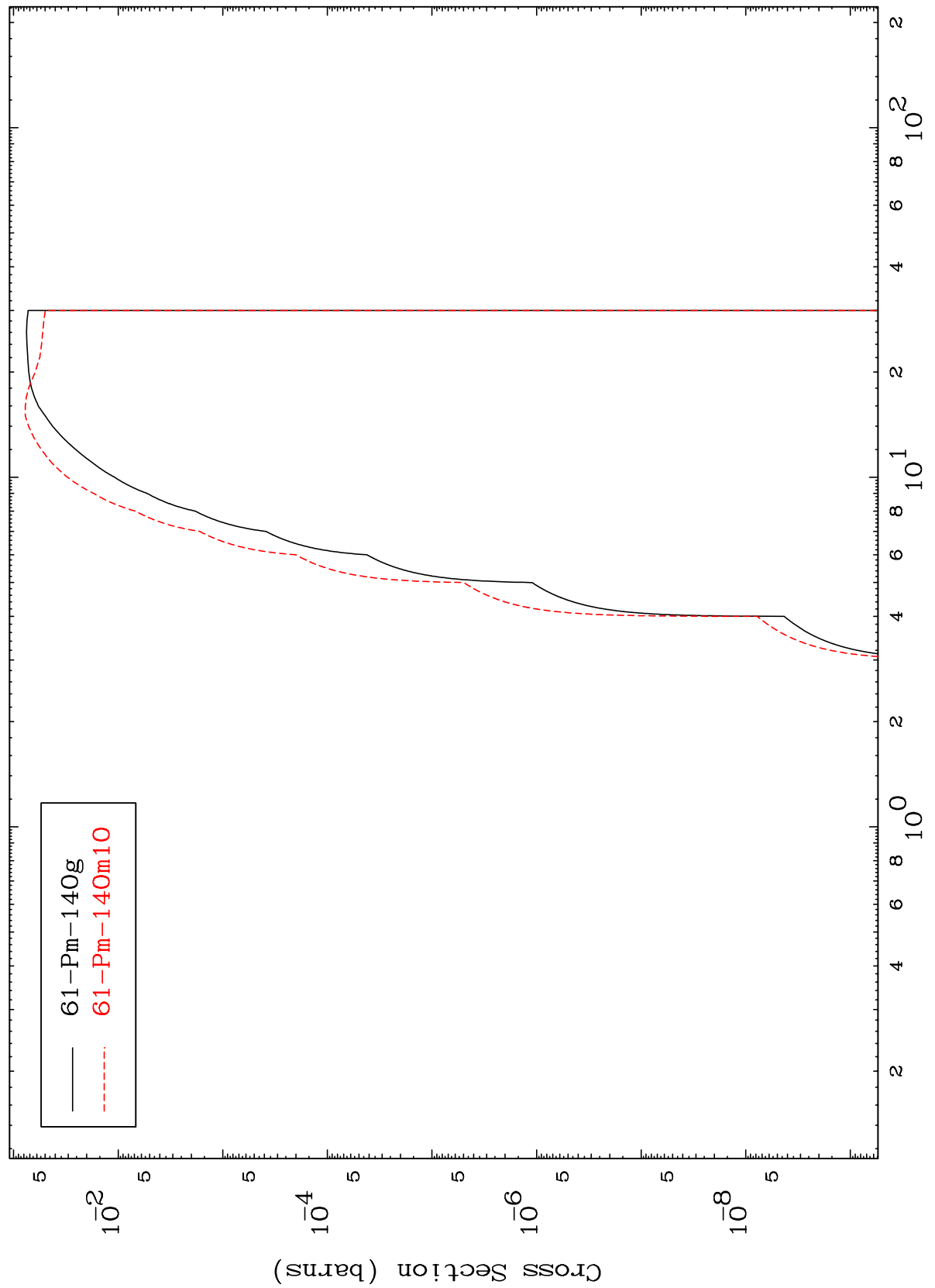


— 62-Sm-141g
- - - 62-Sm-141m2

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61-Pm-140

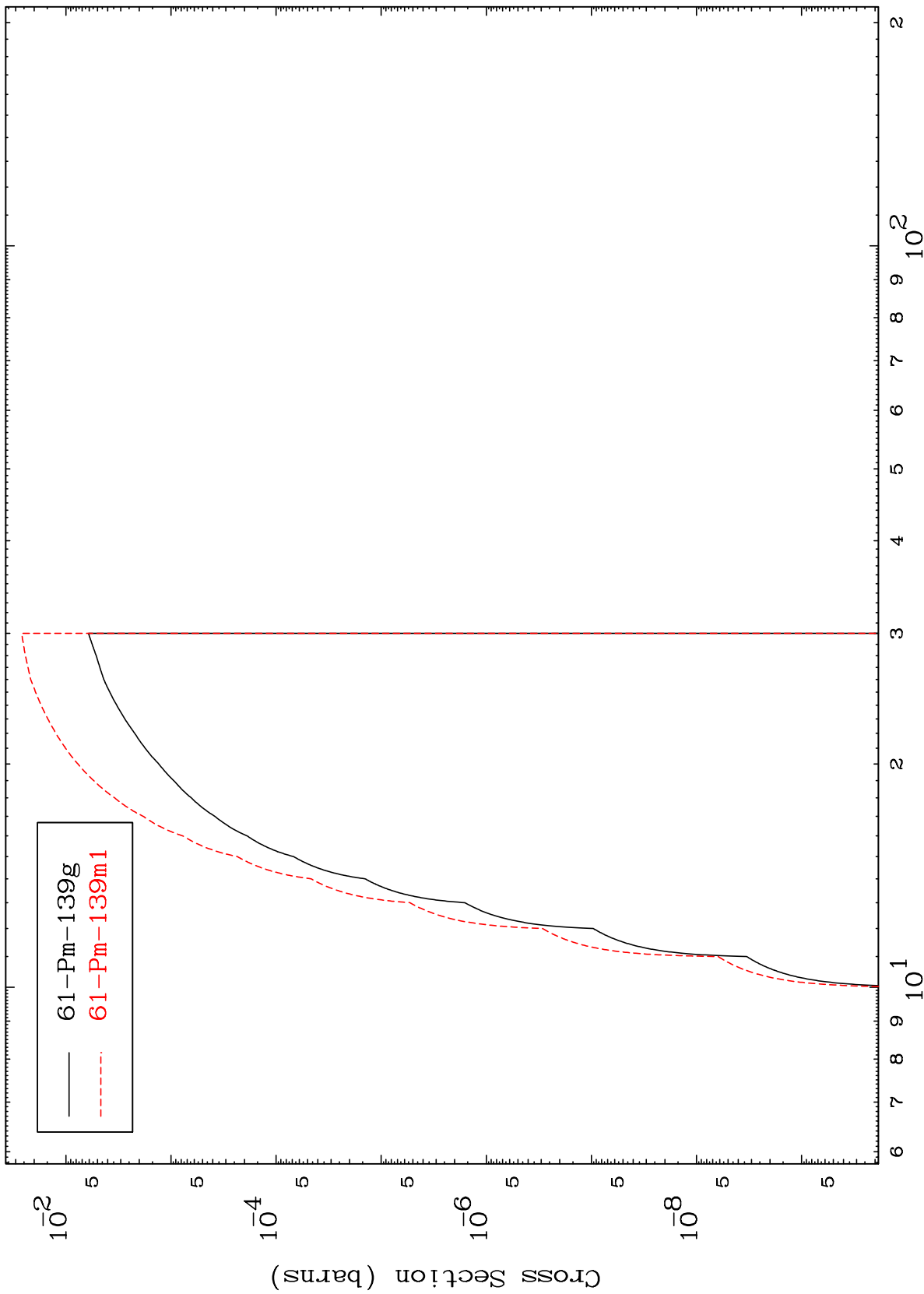
(p,p)
Radionuclide Production Cross Section



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61-Pm-140

(p,d)
Radionuclide Production Cross Section



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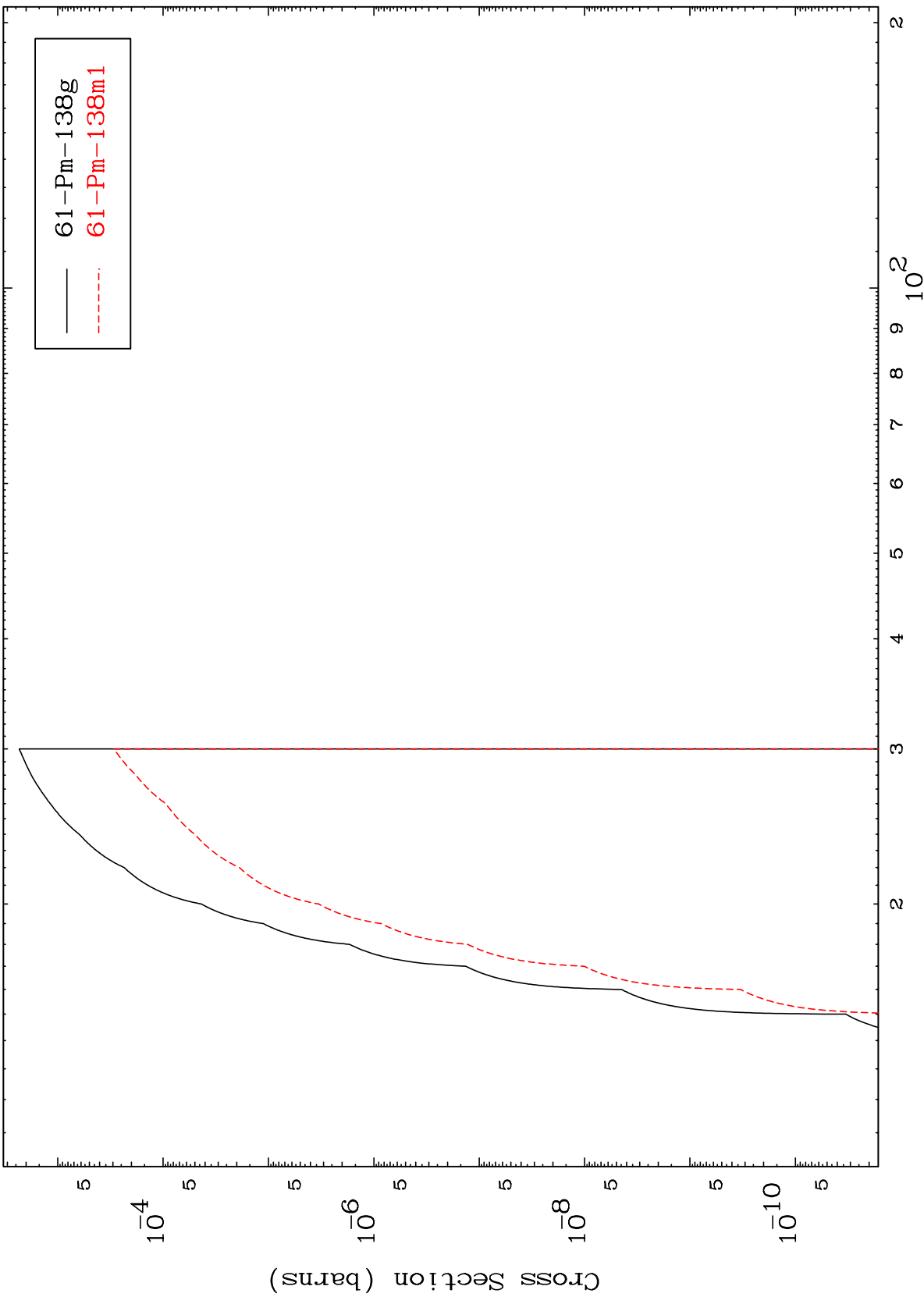
Incident Energy (MeV)

61-Pm-140

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61-Pm-140

(p, t)
Radionuclide Production Cross Section



19

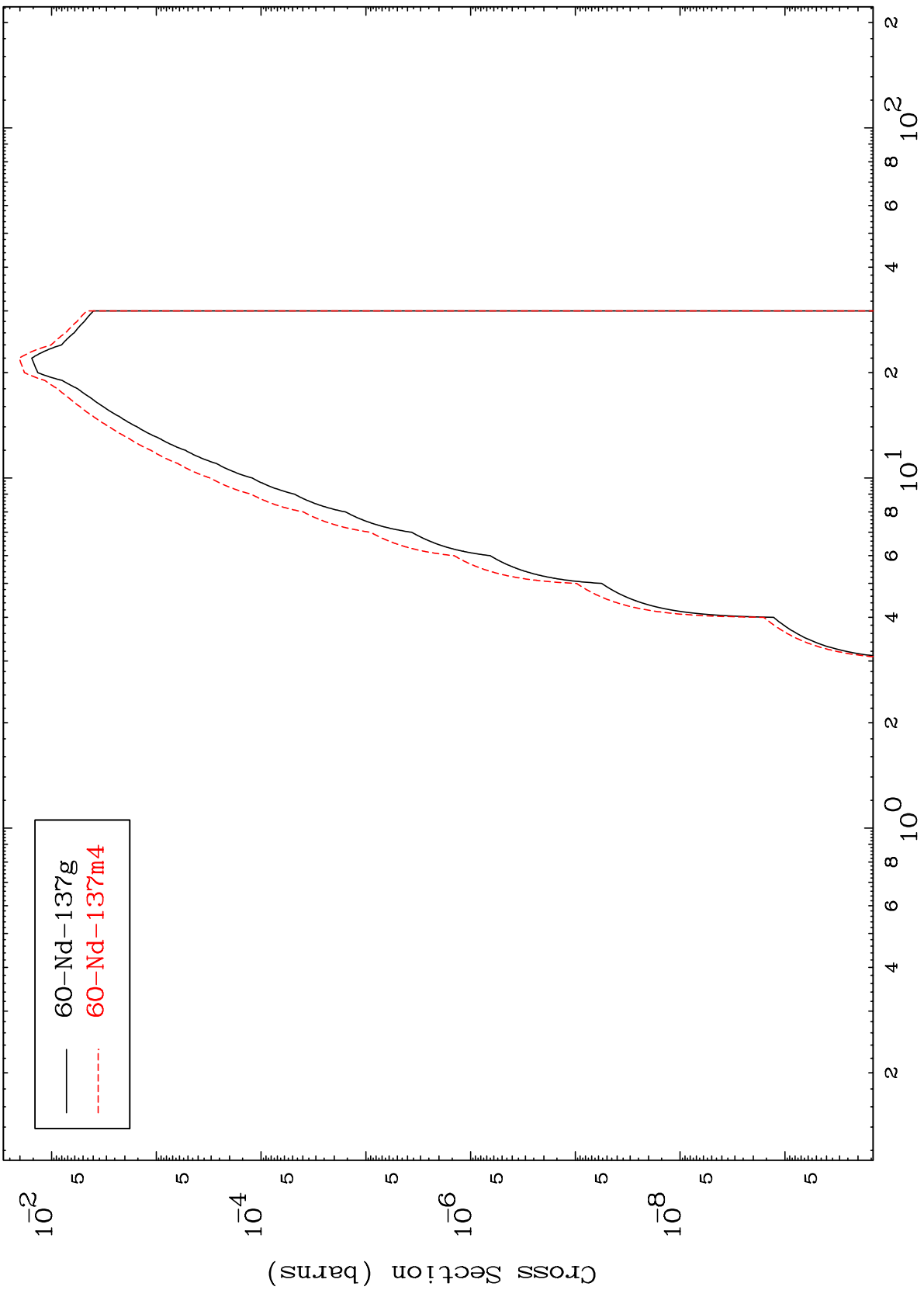
61-Pm-140

Incident Energy (MeV)

MAT 6129

61-Pm-140

Radionuclide Production Cross Section
(p, α)



20

61-Pm-140

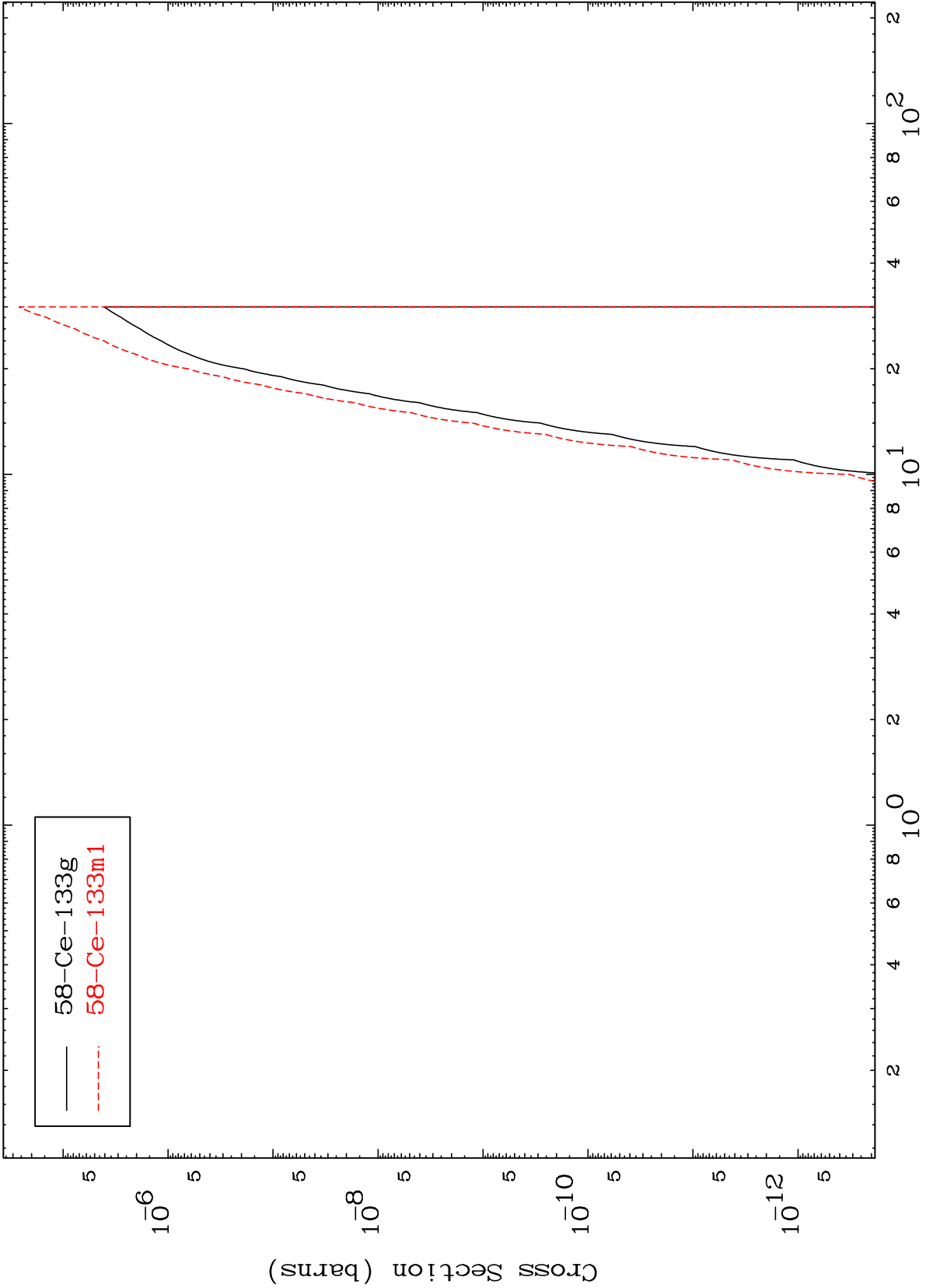
Incident Energy (MeV)

MAT 6129

(p,2 α)

61-Pm-140

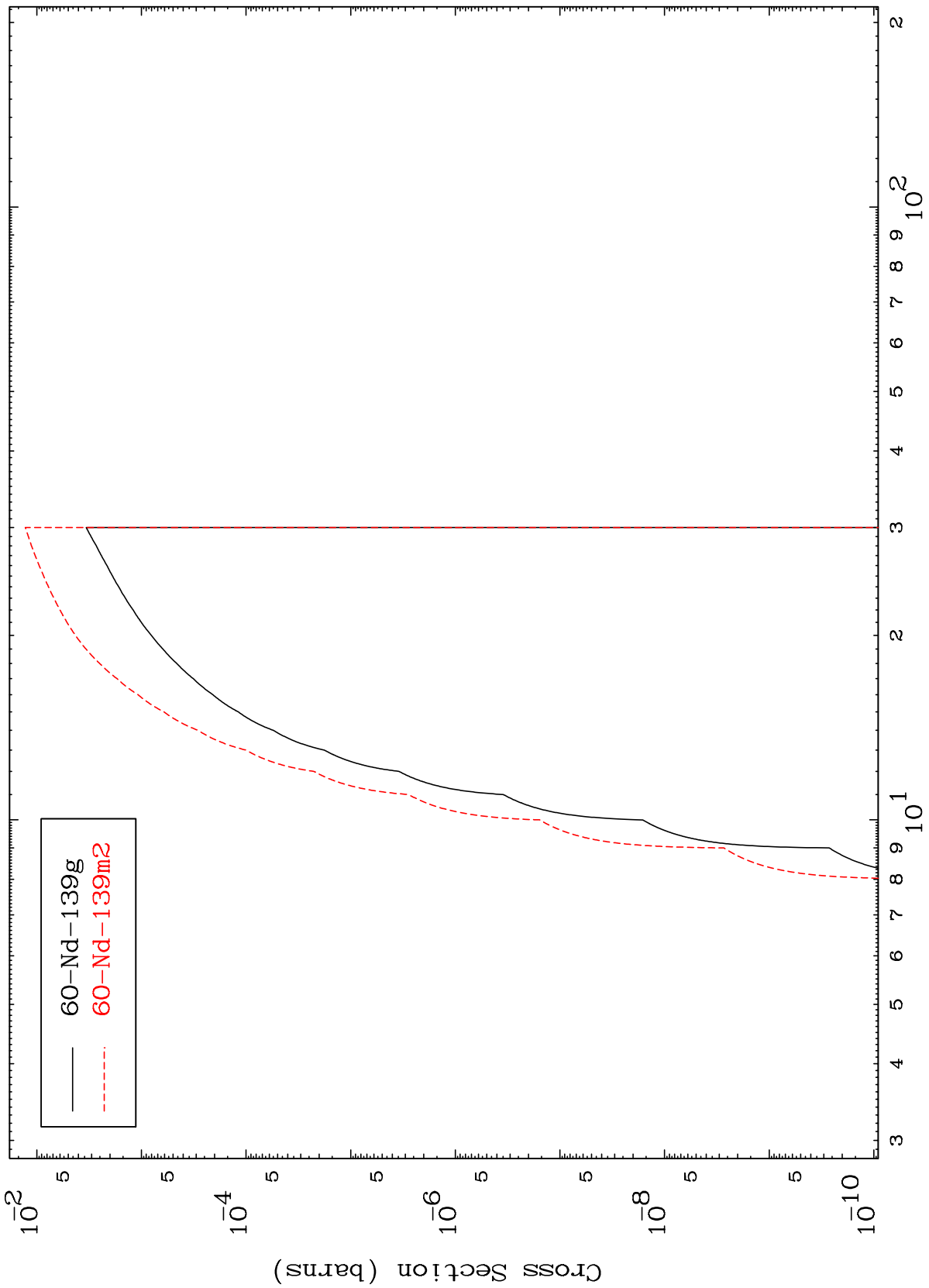
Radionuclide Production Cross Section



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61-Pm-140

(p,2p)
Radionuclide Production Cross Section



61-Pm-140

Incident Energy (MeV)

22

Radionuclide Production Cross Section

