

Program EVALPLOT
(Version 2018-1)

by

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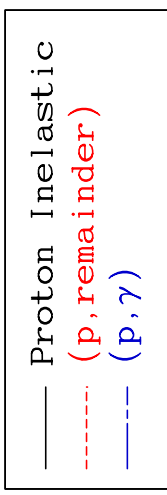
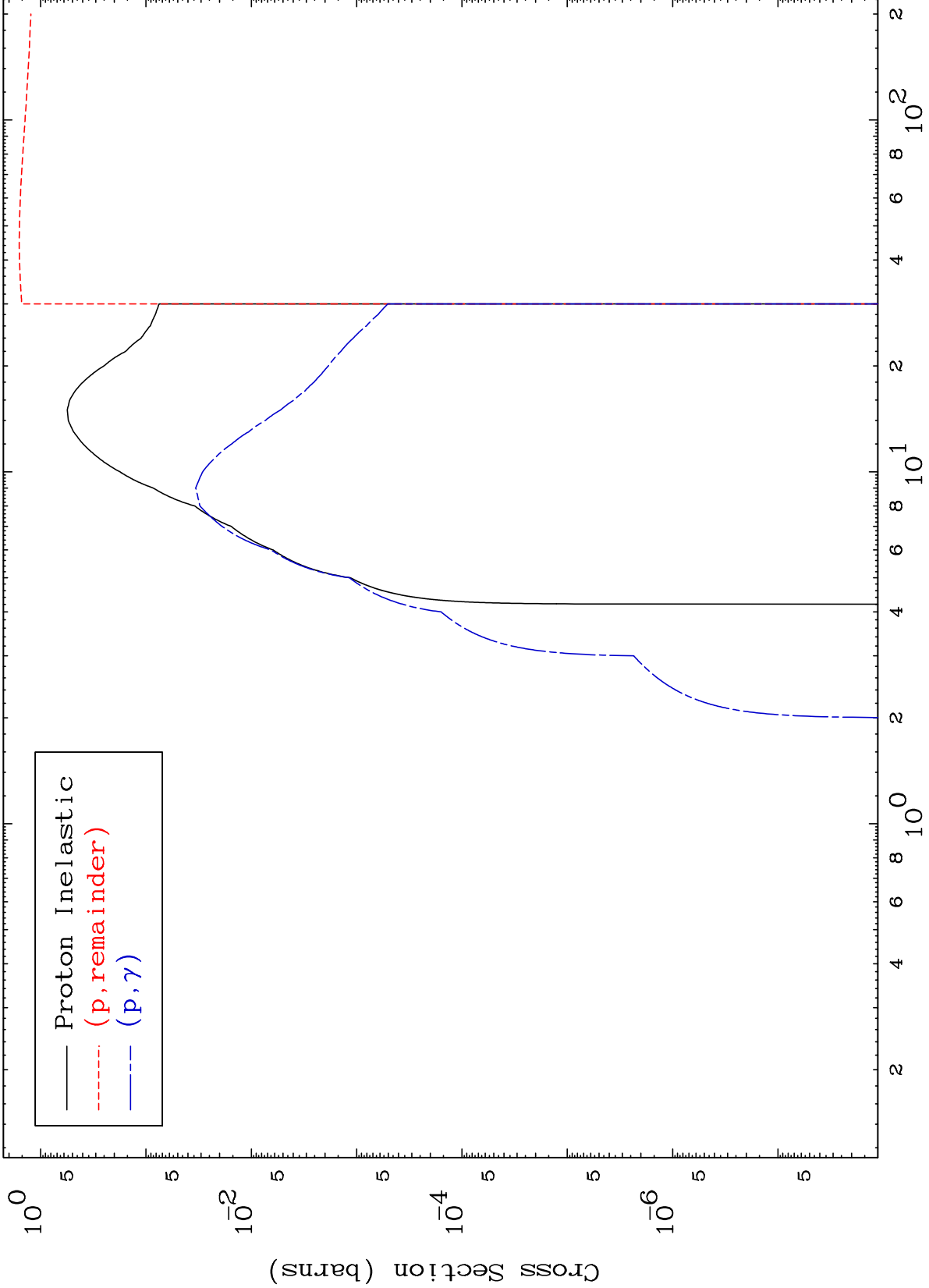
Press Mouse Button to Start

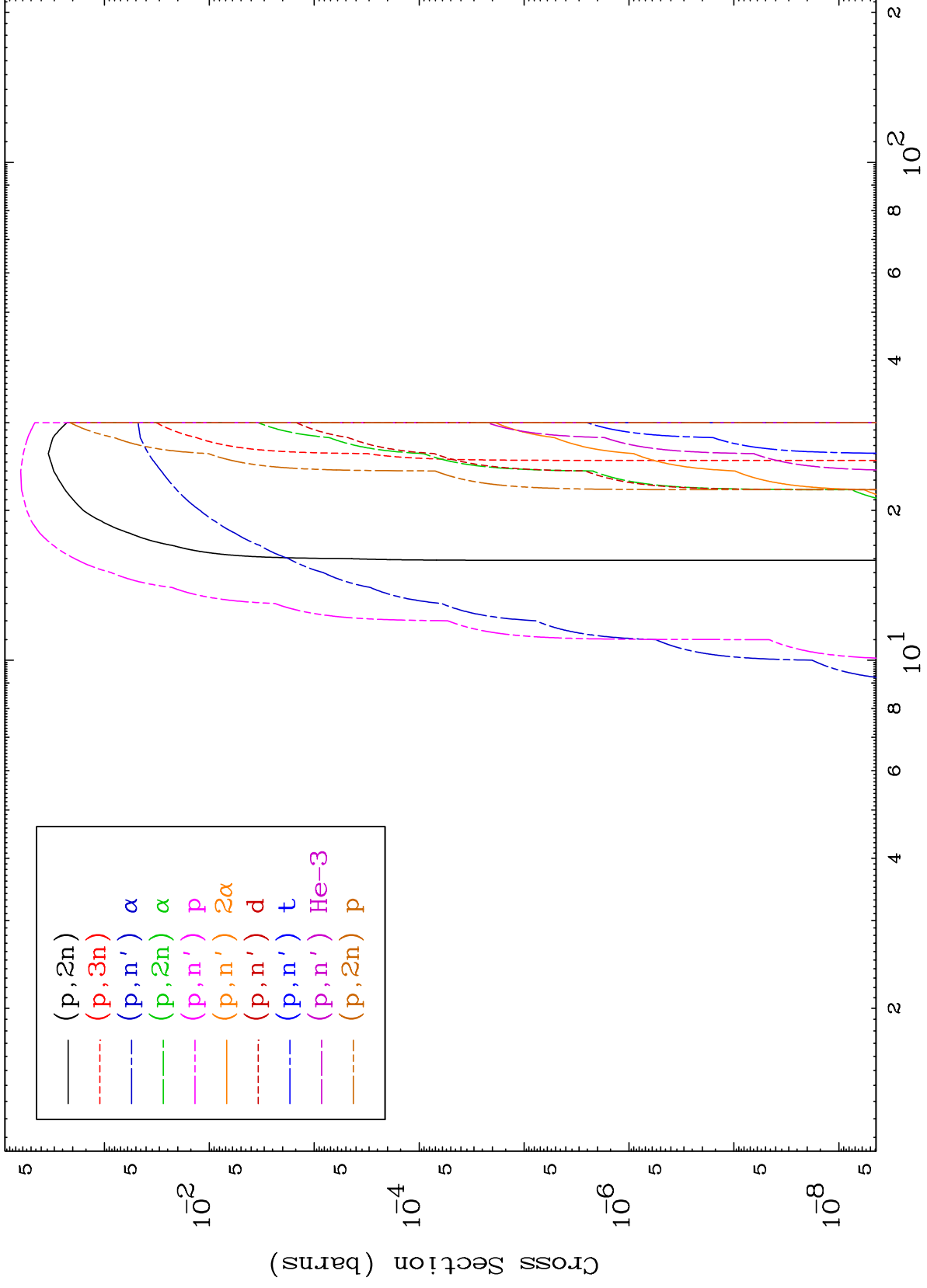
MAT 6123

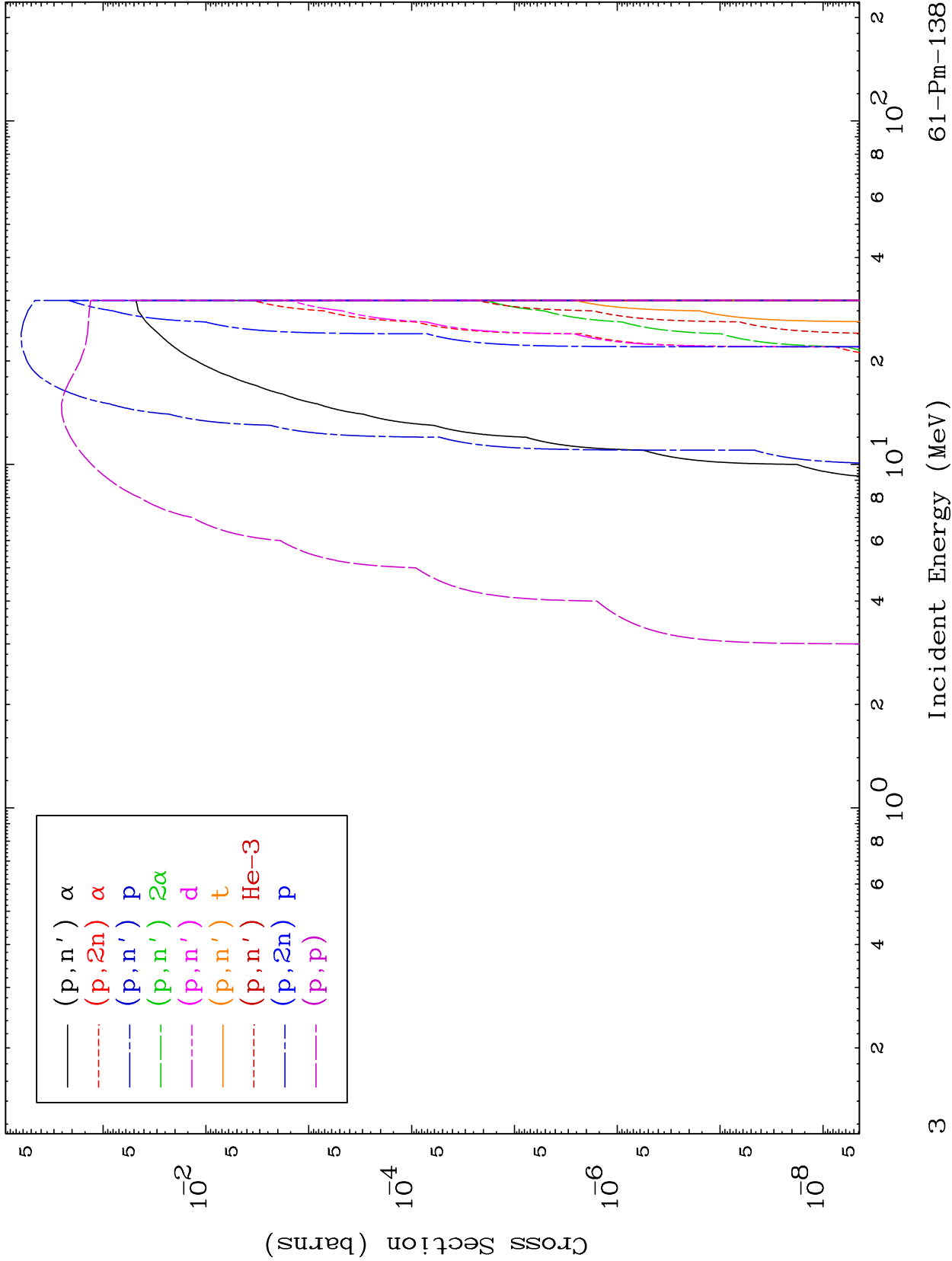
Proton Major

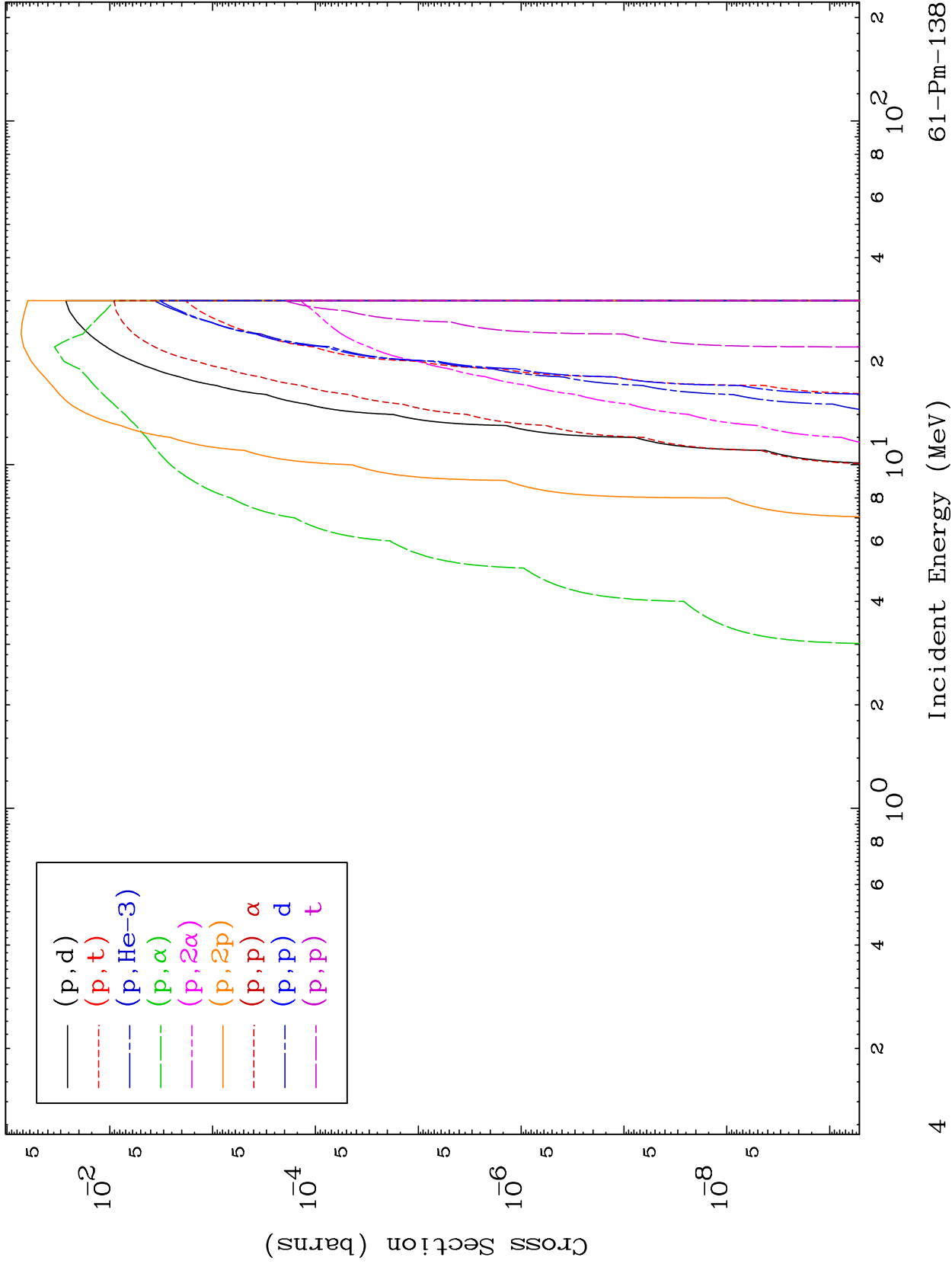
61-Pm-138

0 Kelvin Cross Sections







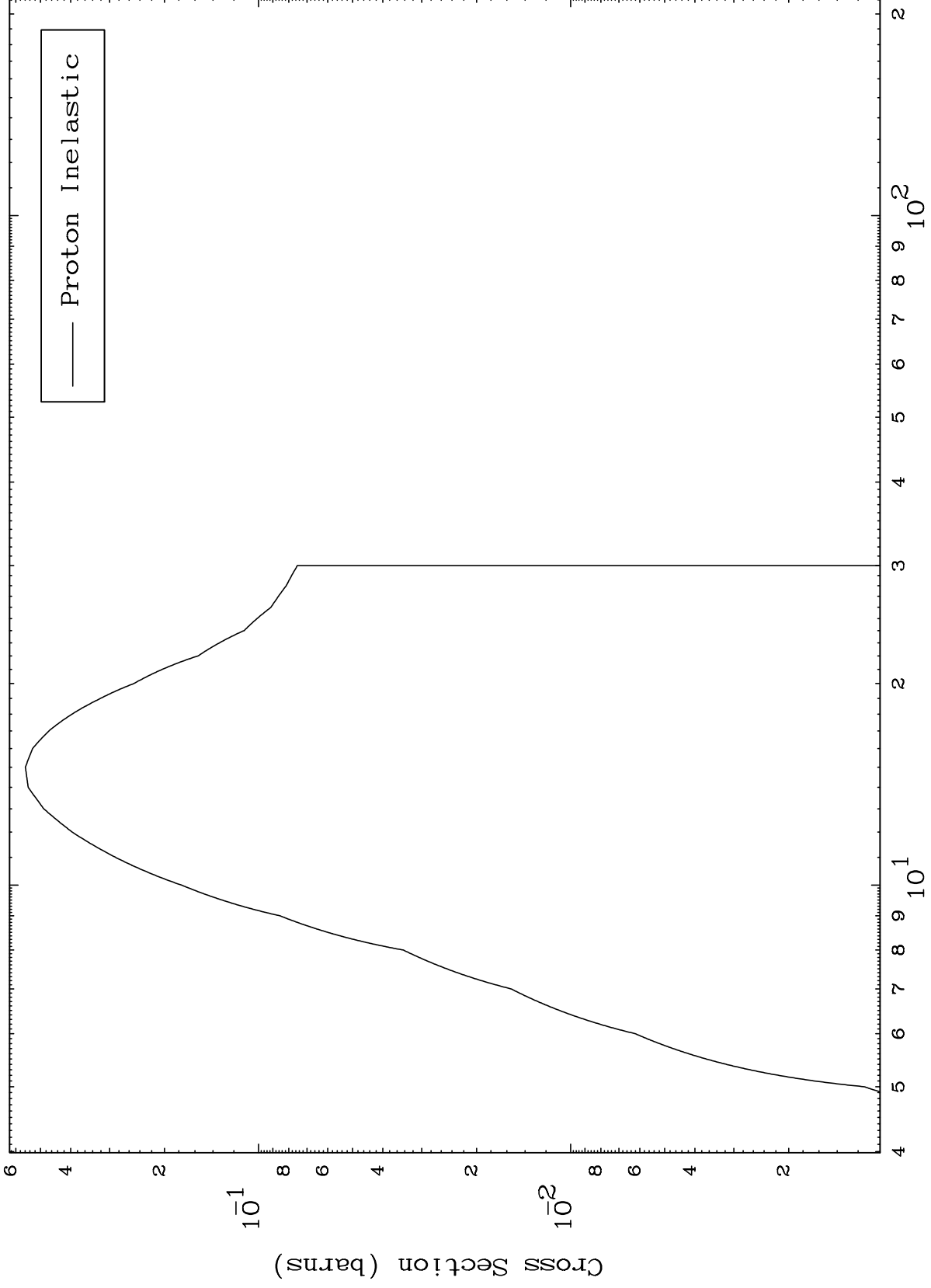


MAT 6123

(p,n') Level

61-Pm-138

0 Kelvin Cross Sections



Proton Inelastic

5

Incident Energy (MeV)

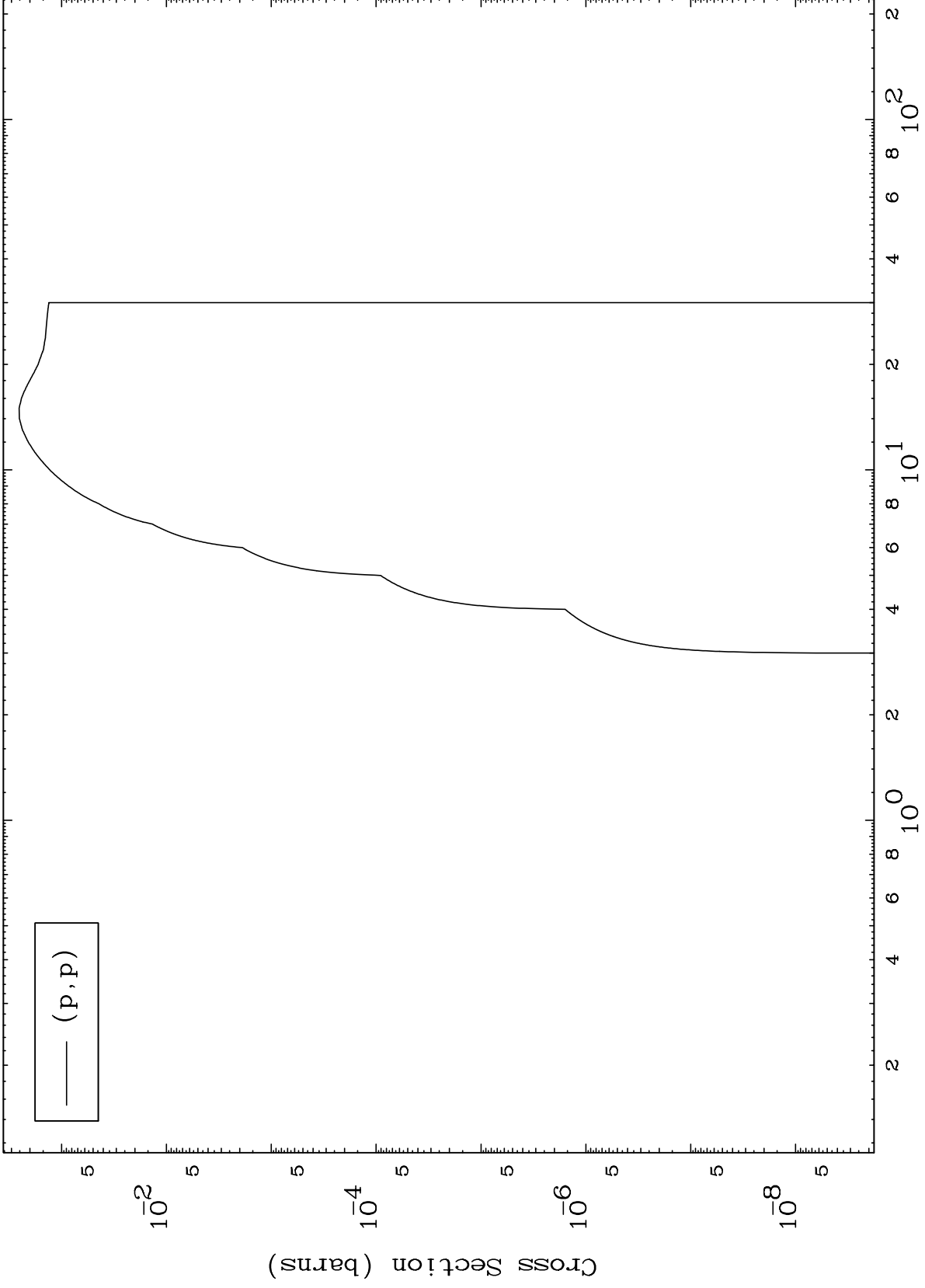
61-Pm-138

MAT 6123

(p,p) Levels

61-Pm-138

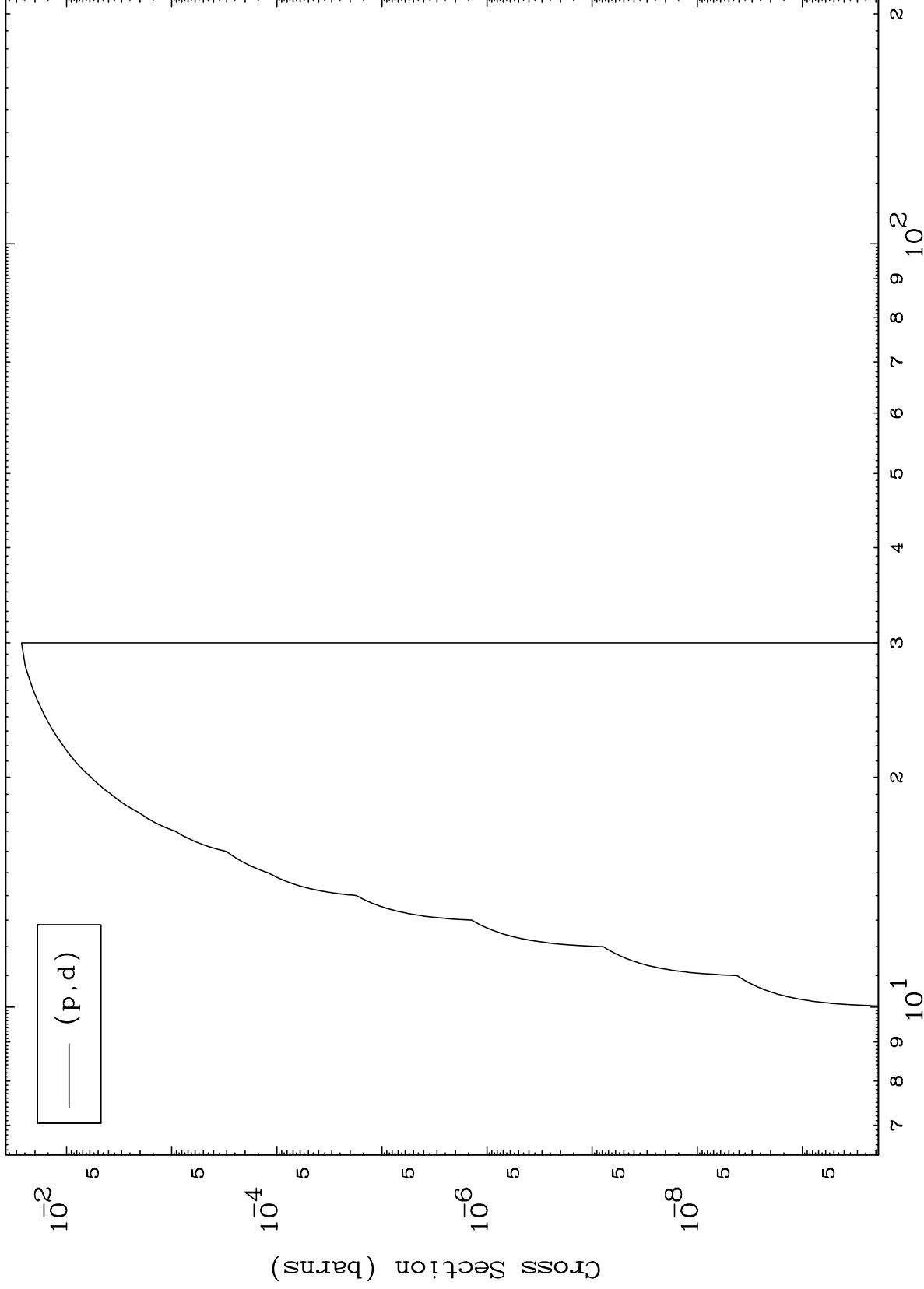
0 Kelvin Cross Sections



MAT 6123

(p,d) Levels
0 Kelvin Cross Sections

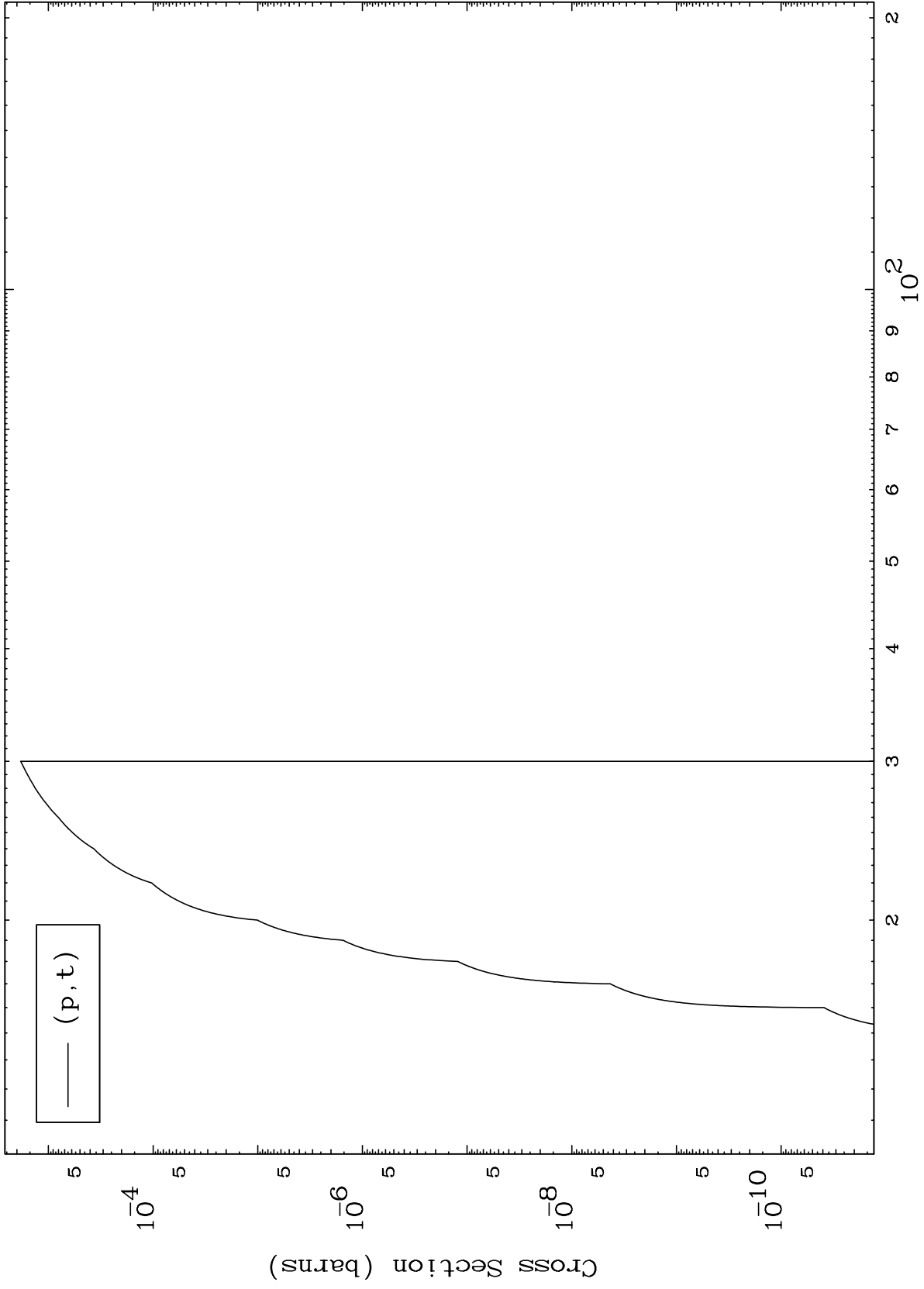
61-Pm-138



7

Incident Energy (MeV)

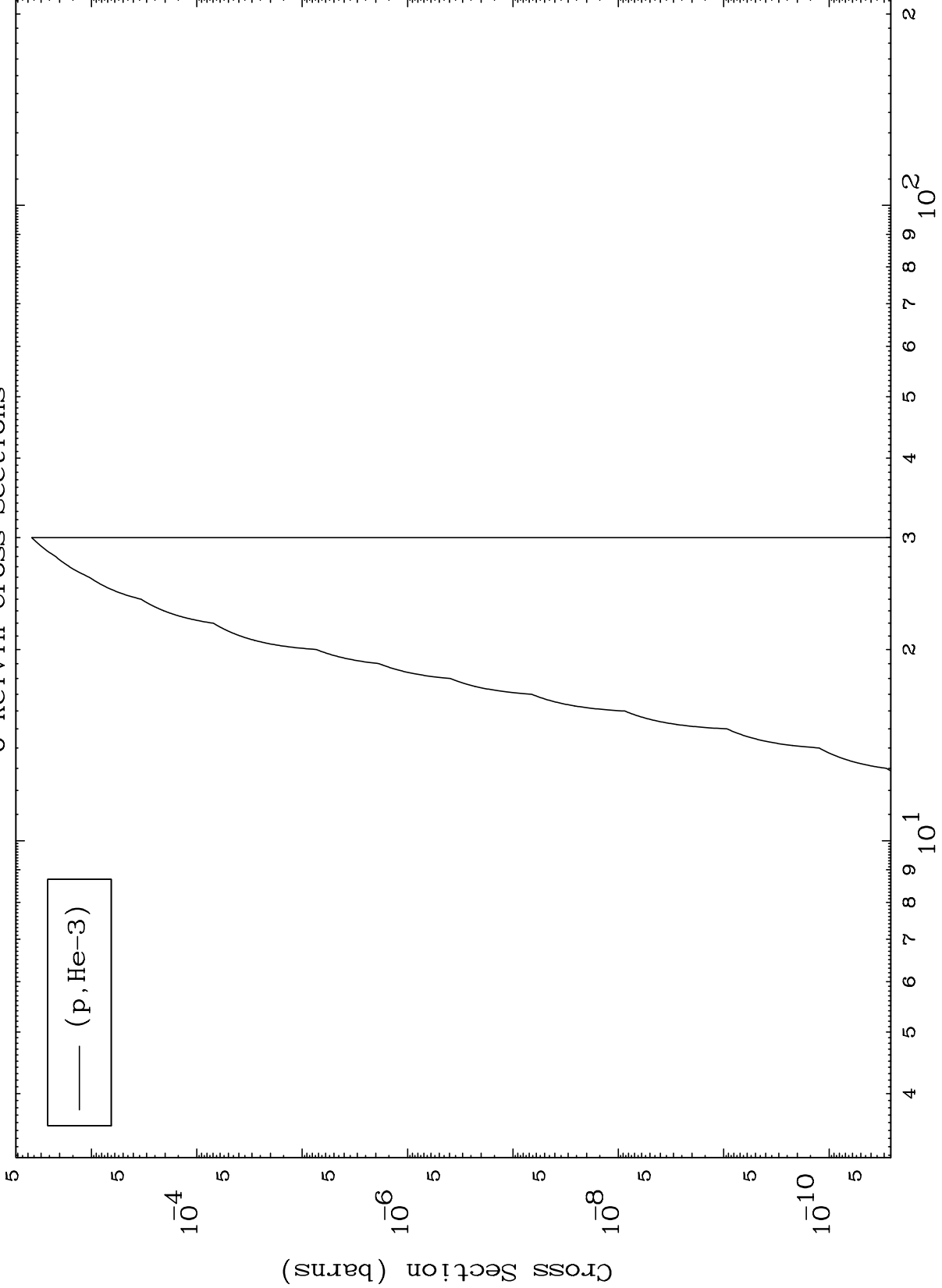
61-Pm-138



MAT 6123

(p,He3) Levels
0 Kelvin Cross Sections

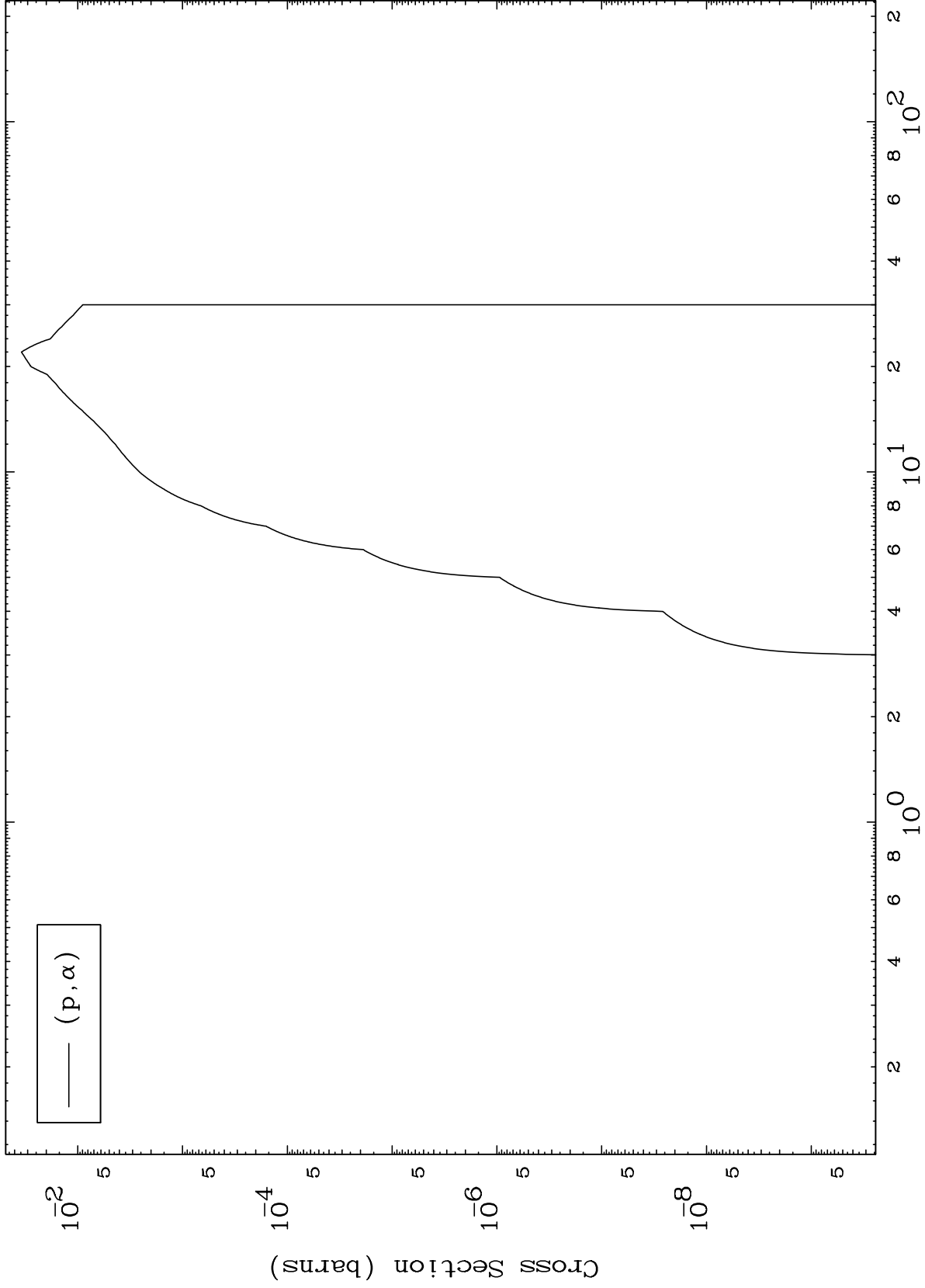
61-Pm-138



MAT 6123

(p, α) Levels
0 Kelvin Cross Sections

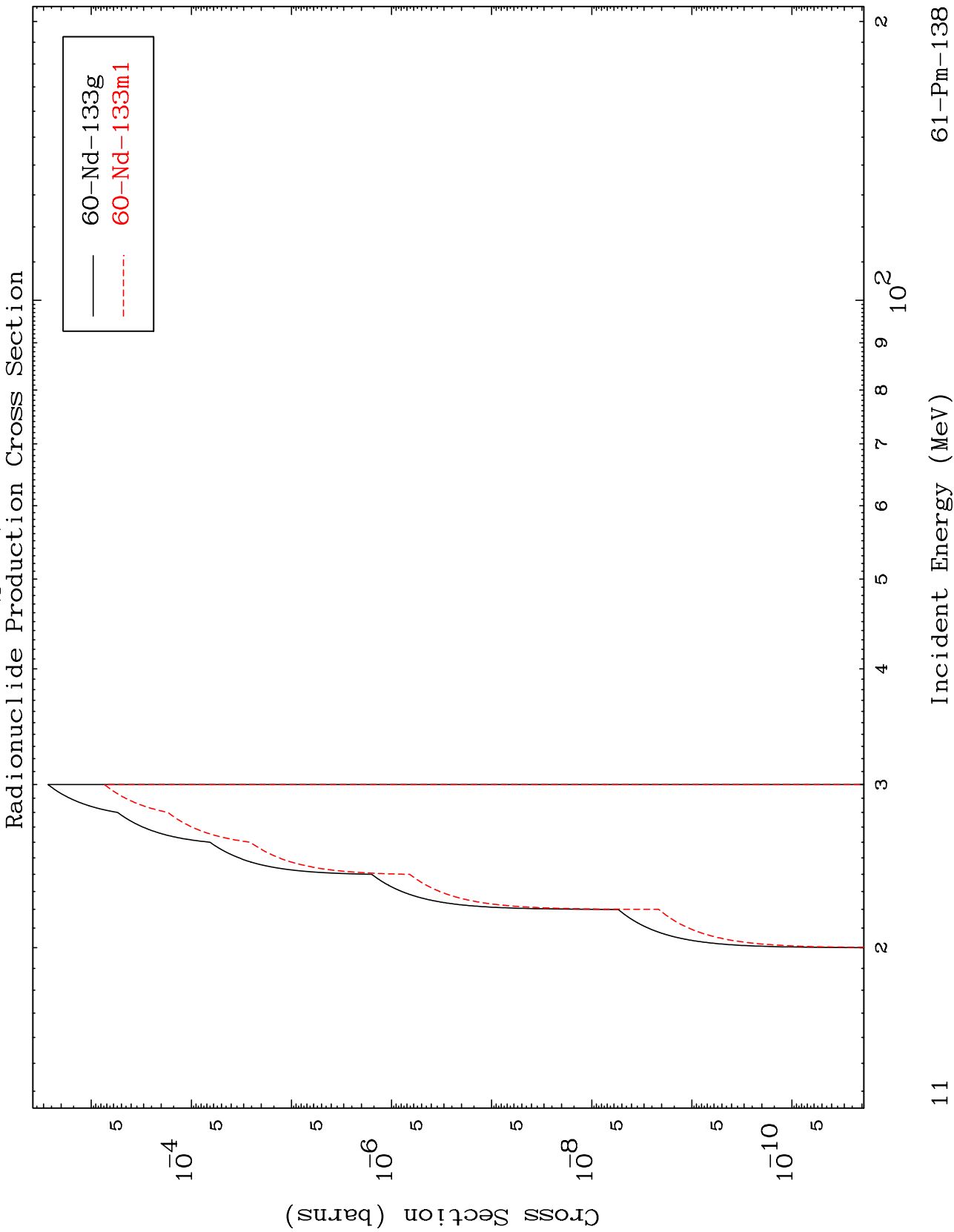
61-Pm-138



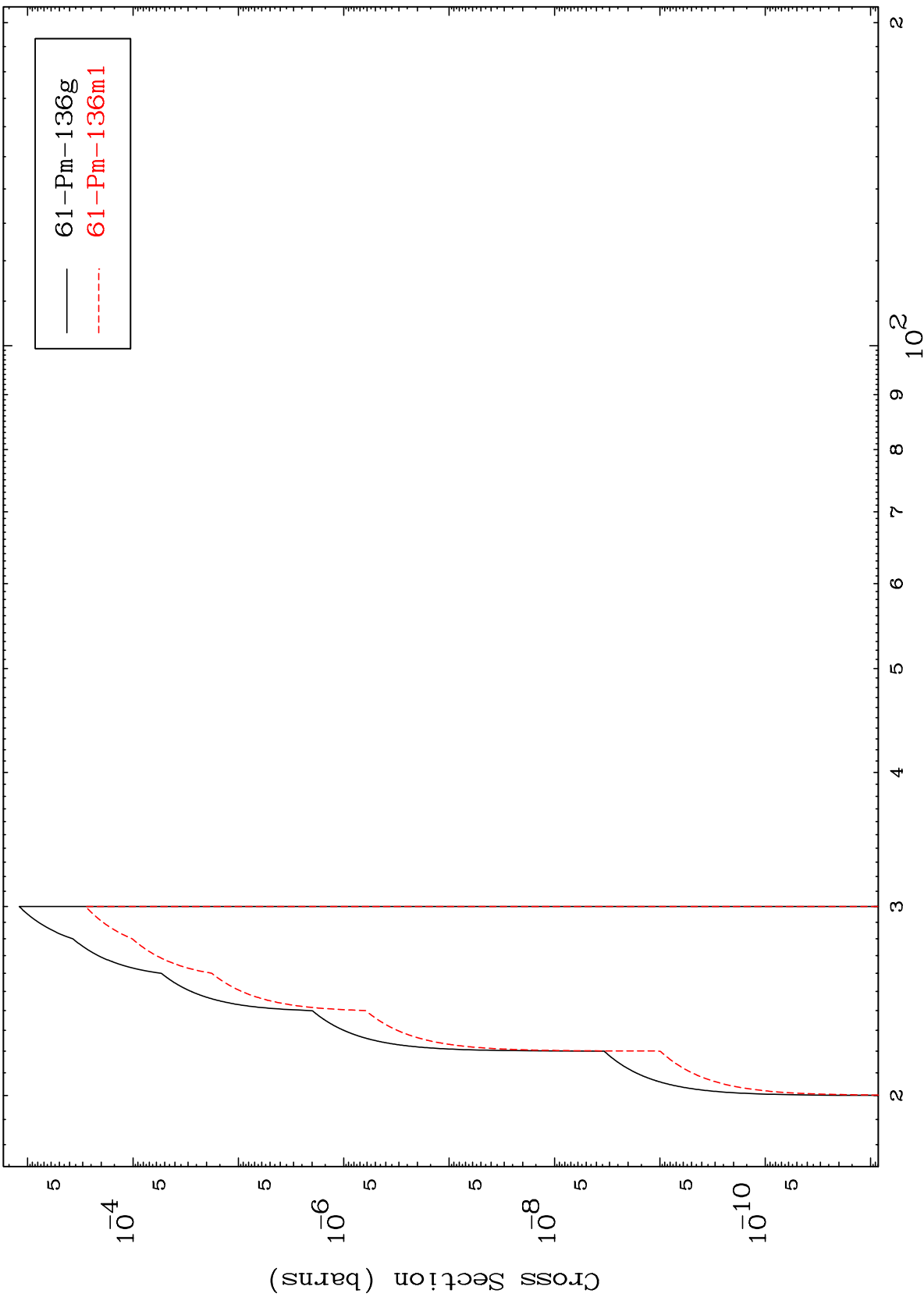
10

Incident Energy (MeV)

61-Pm-138



(p,n') d
Radionuclide Production Cross Section

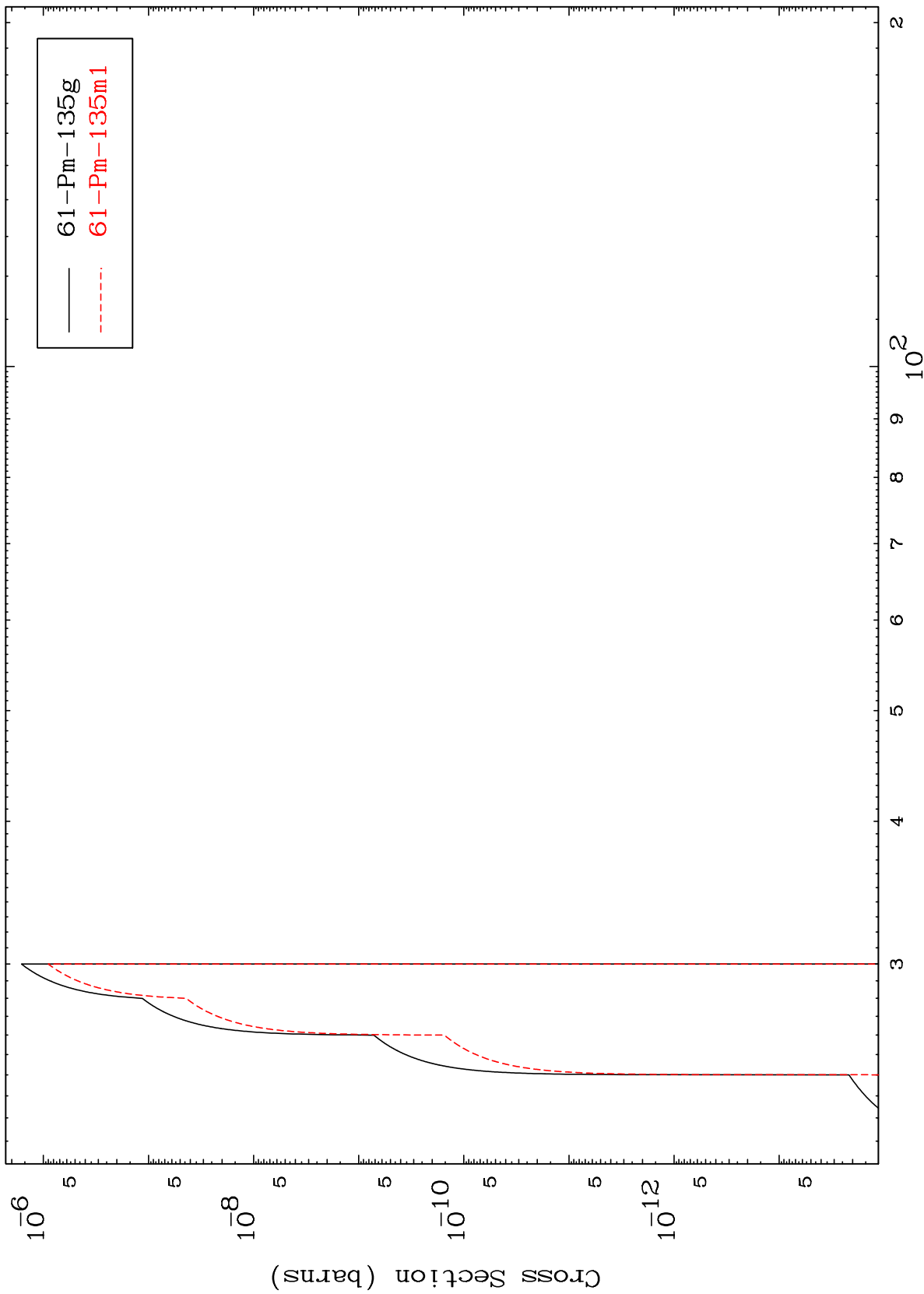


MAT 6123

(p,n') t

61-Pm-138

Radionuclide Production Cross Section



13

Incident Energy (MeV)

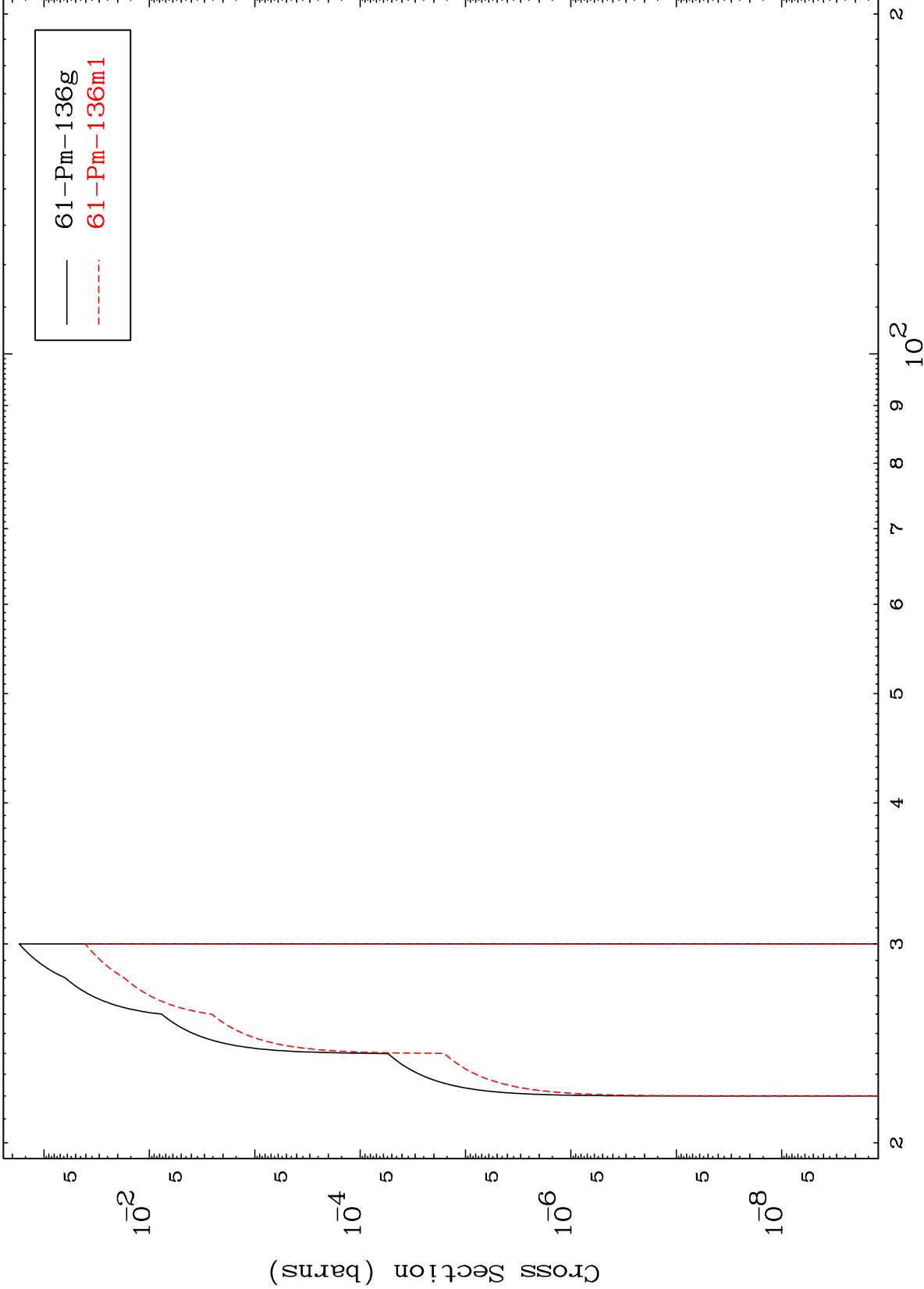
61-Pm-138

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(p,2n) p

61-Pm-138

Radionuclide Production Cross Section



14

Incident Energy (MeV)

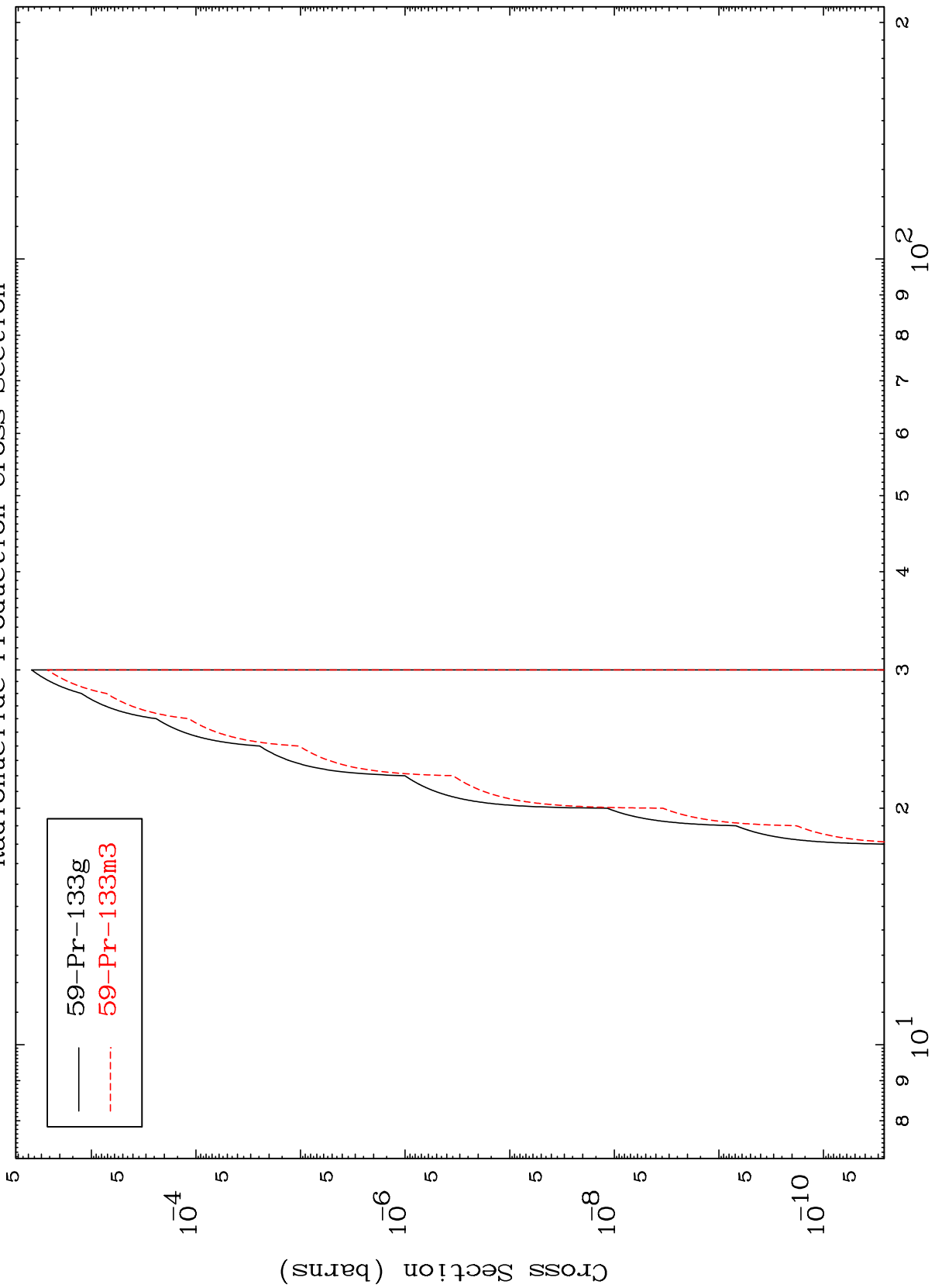
61-Pm-138

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(p,n') p α

61-Pm-138

Radionuclide Production Cross Section



59-Pr-133g
59-Pr-133m3

15

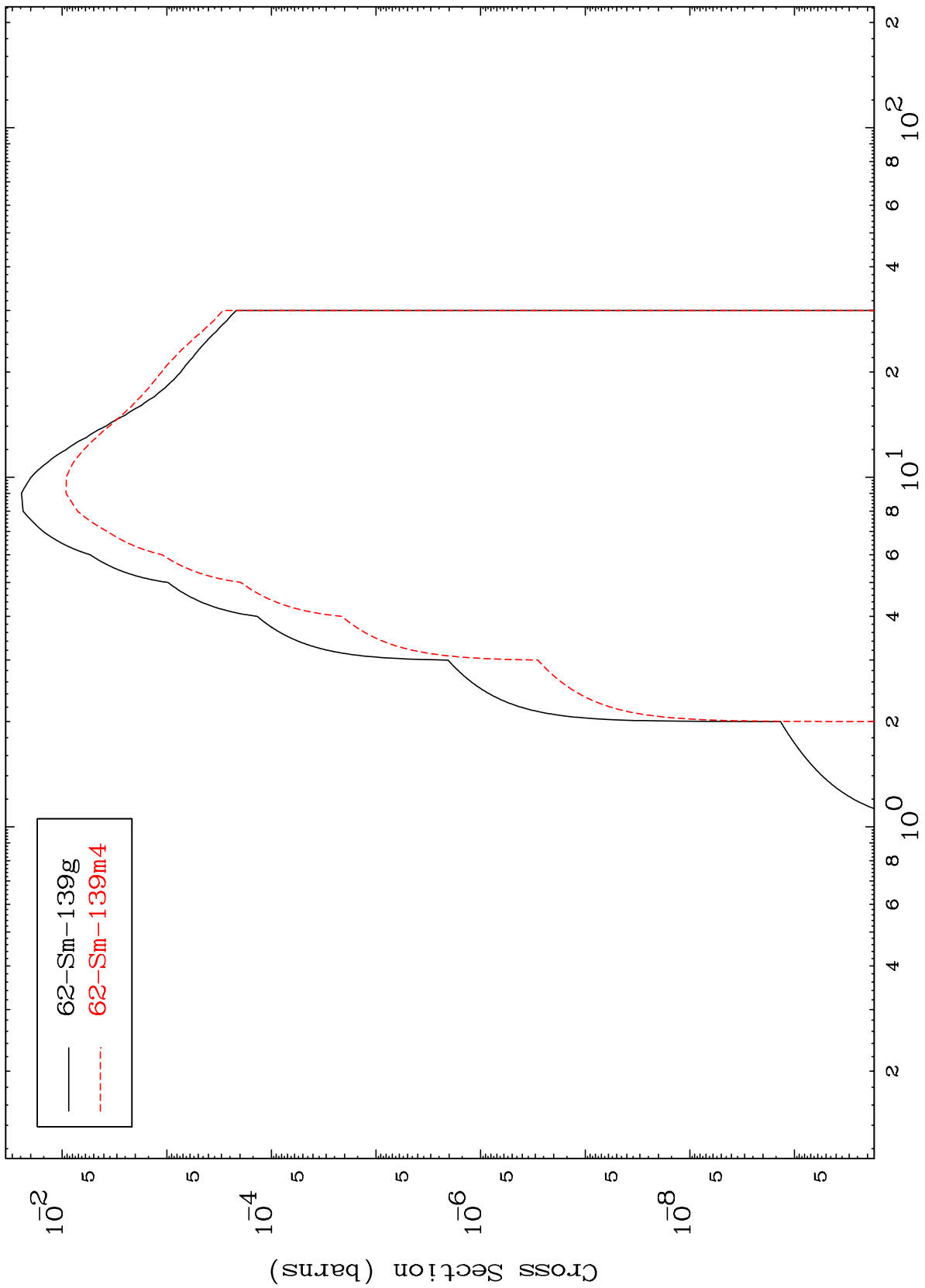
Incident Energy (MeV)

61-Pm-138

MAT 6123

61-Pm-138

(p, γ)
Radionuclide Production Cross Section



— 62-Sm-139g
- - - 62-Sm-139m4

16

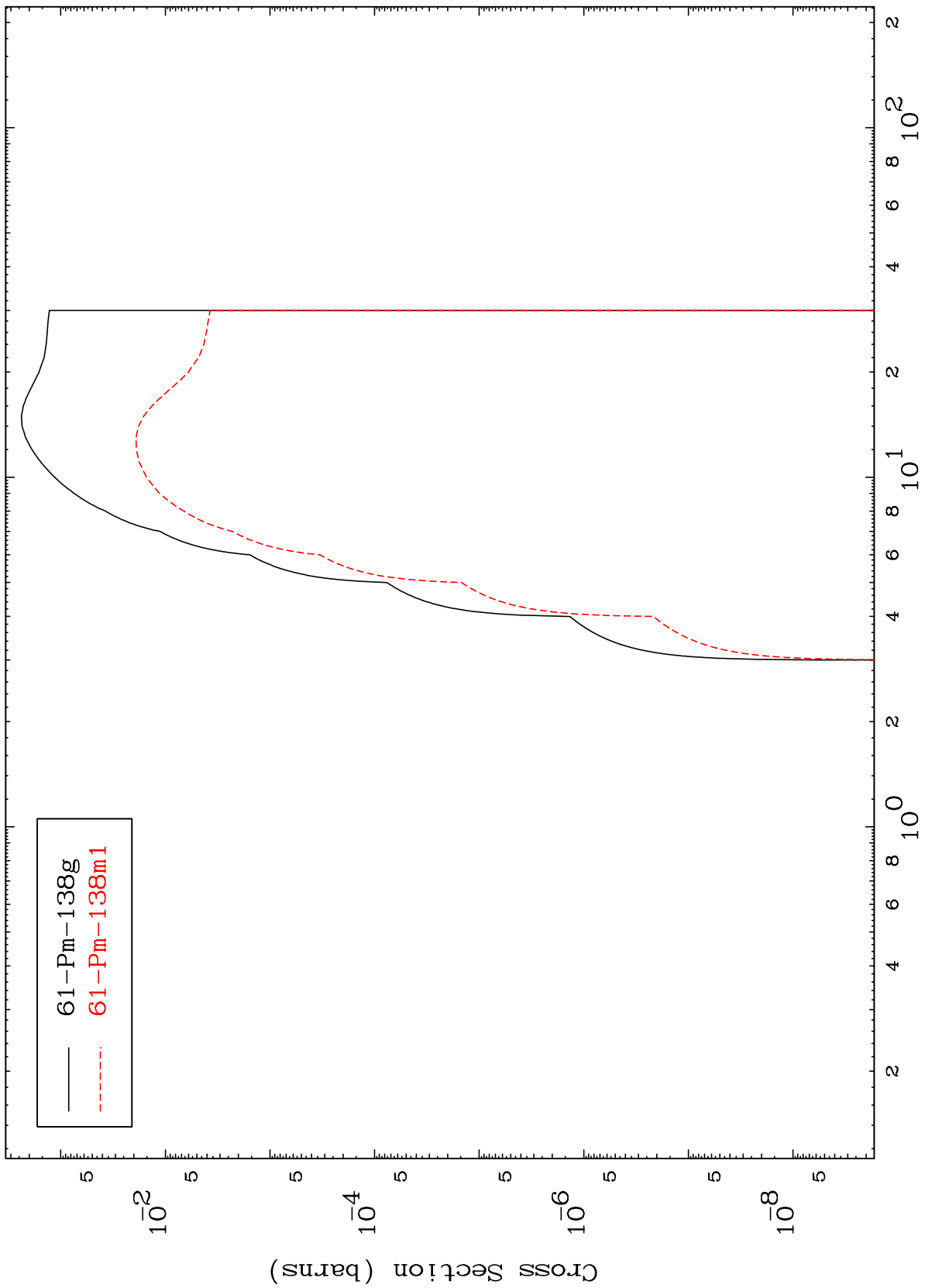
61-Pm-138

Incident Energy (MeV)

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61-Pm-138

(p,p)
Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

61-Pm-138

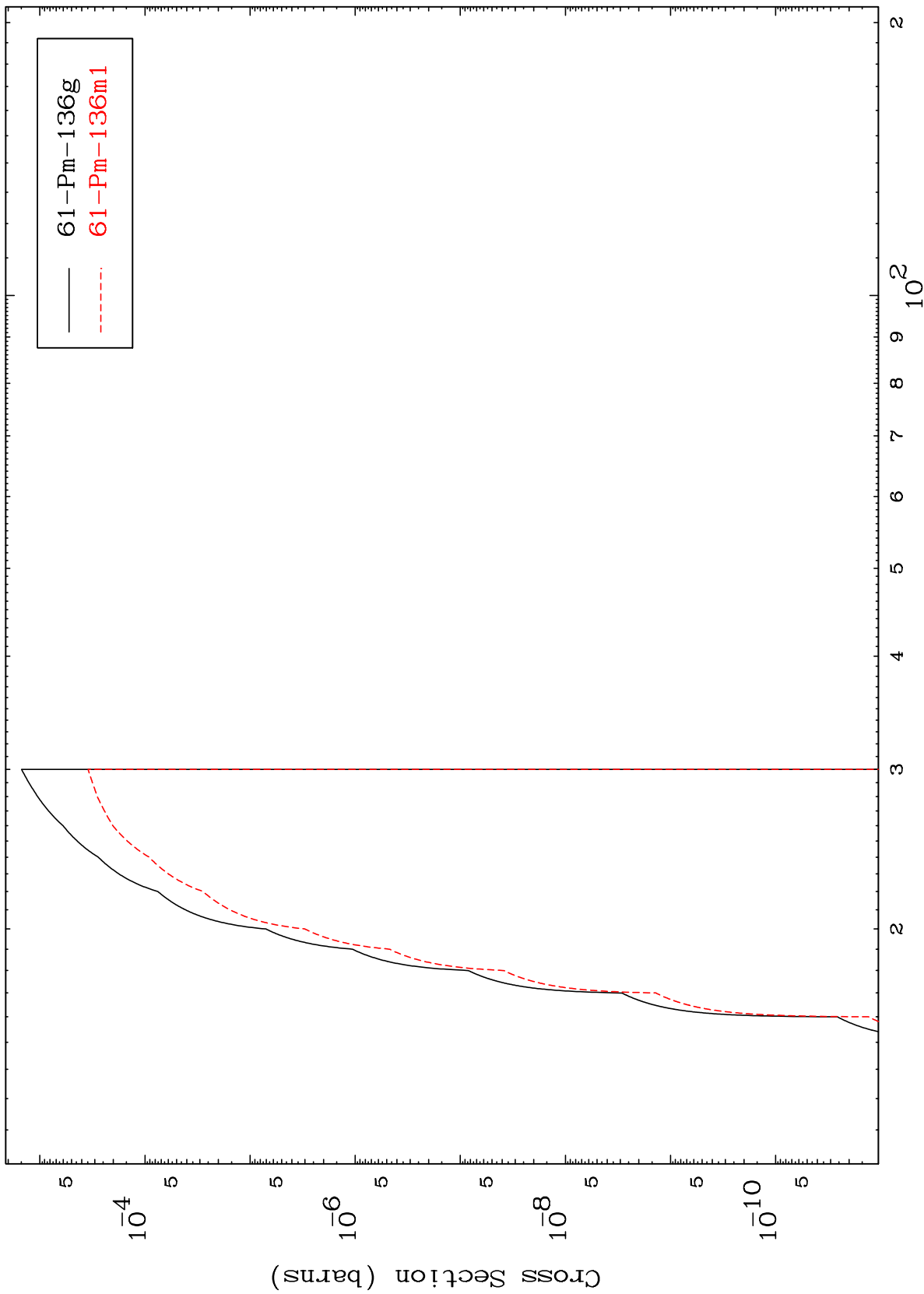
Incident Energy (MeV)

17

MAT 6123

61-Pm-138

(p, t)
Radionuclide Production Cross Section



18

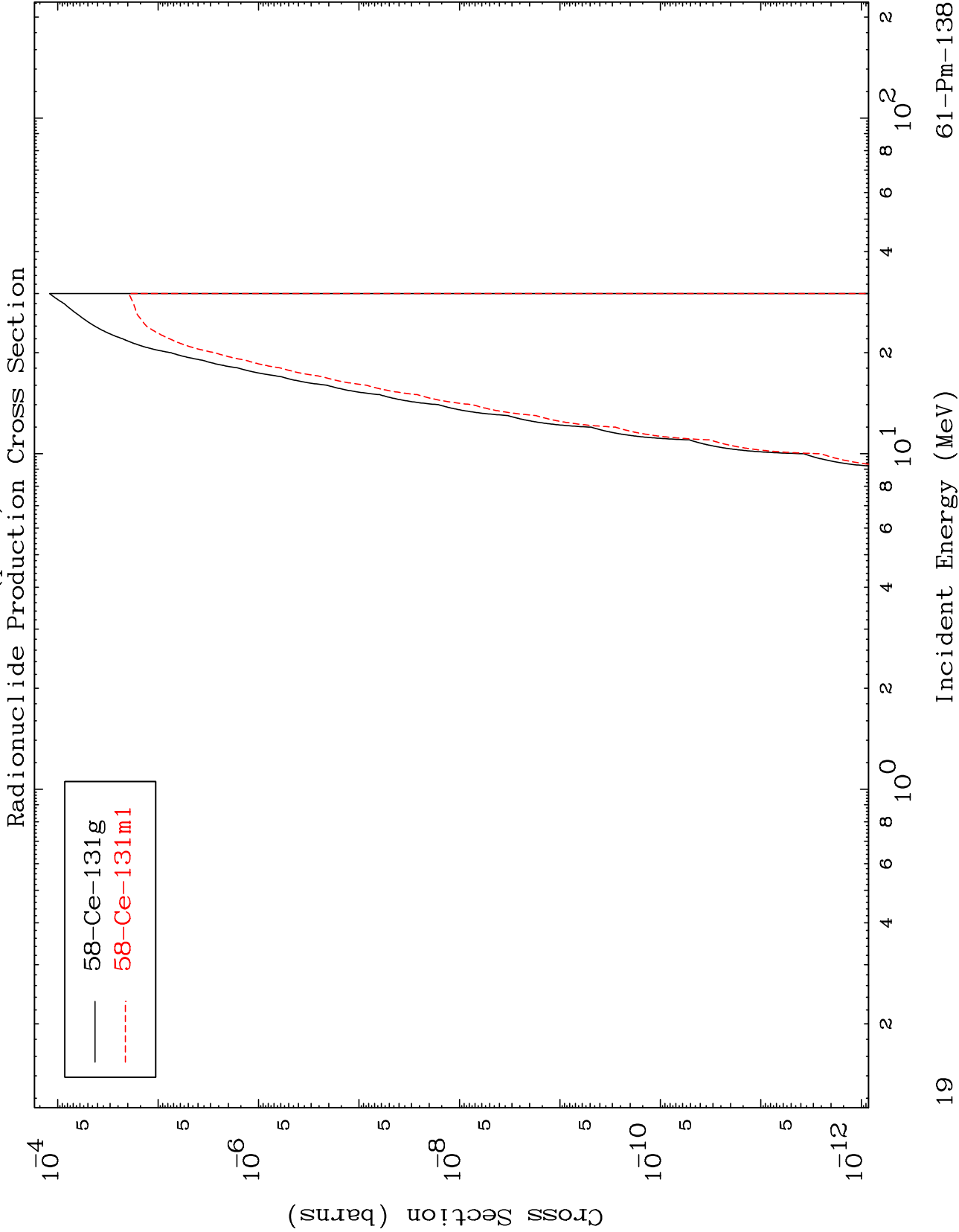
Incident Energy (MeV)

61-Pm-138

MAT 6123

(p,2 α)

61-Pm-138

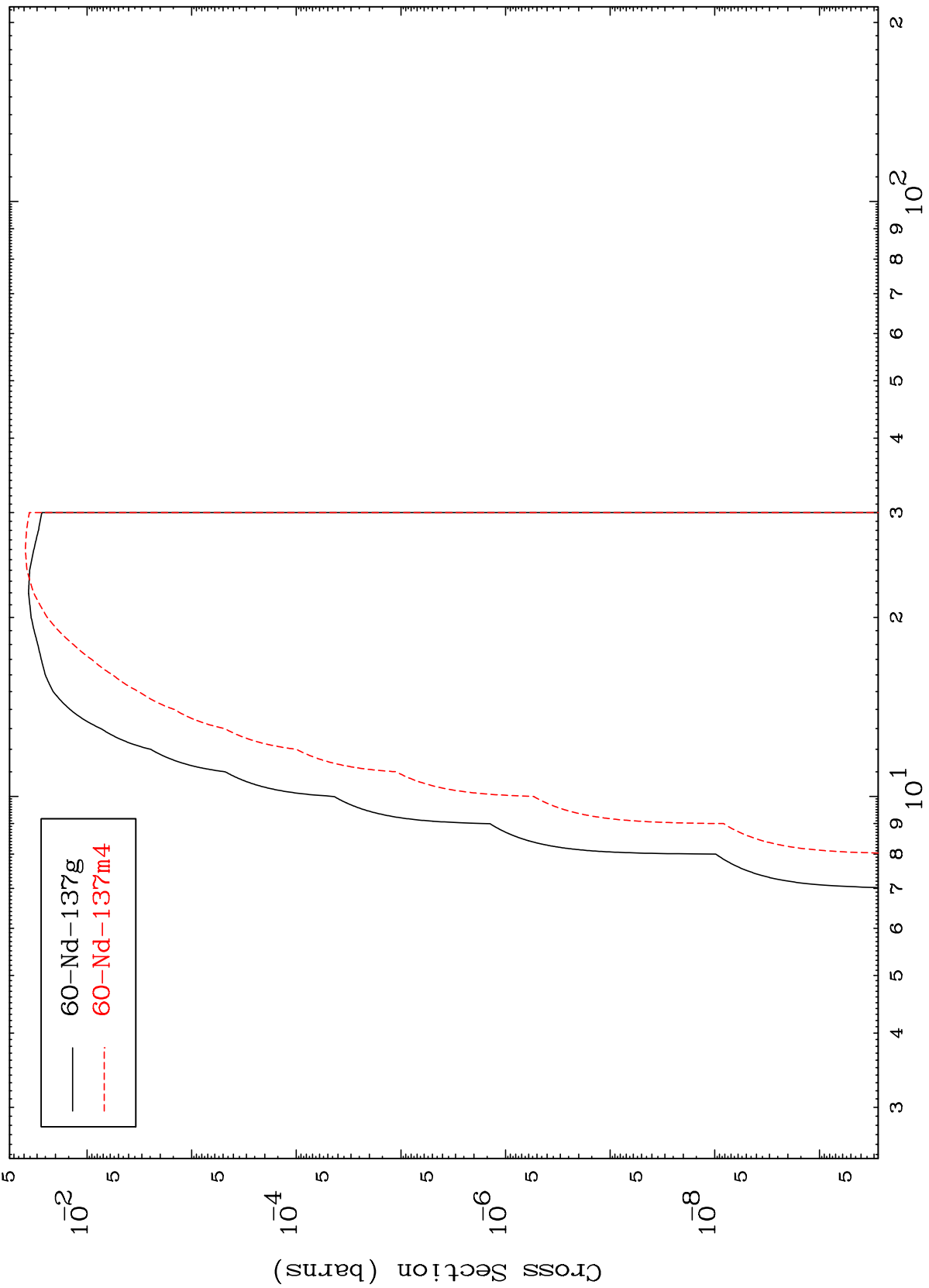


58-Ce-131g
58-Ce-131m1

MAT 6123

61-Pm-138

(p,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

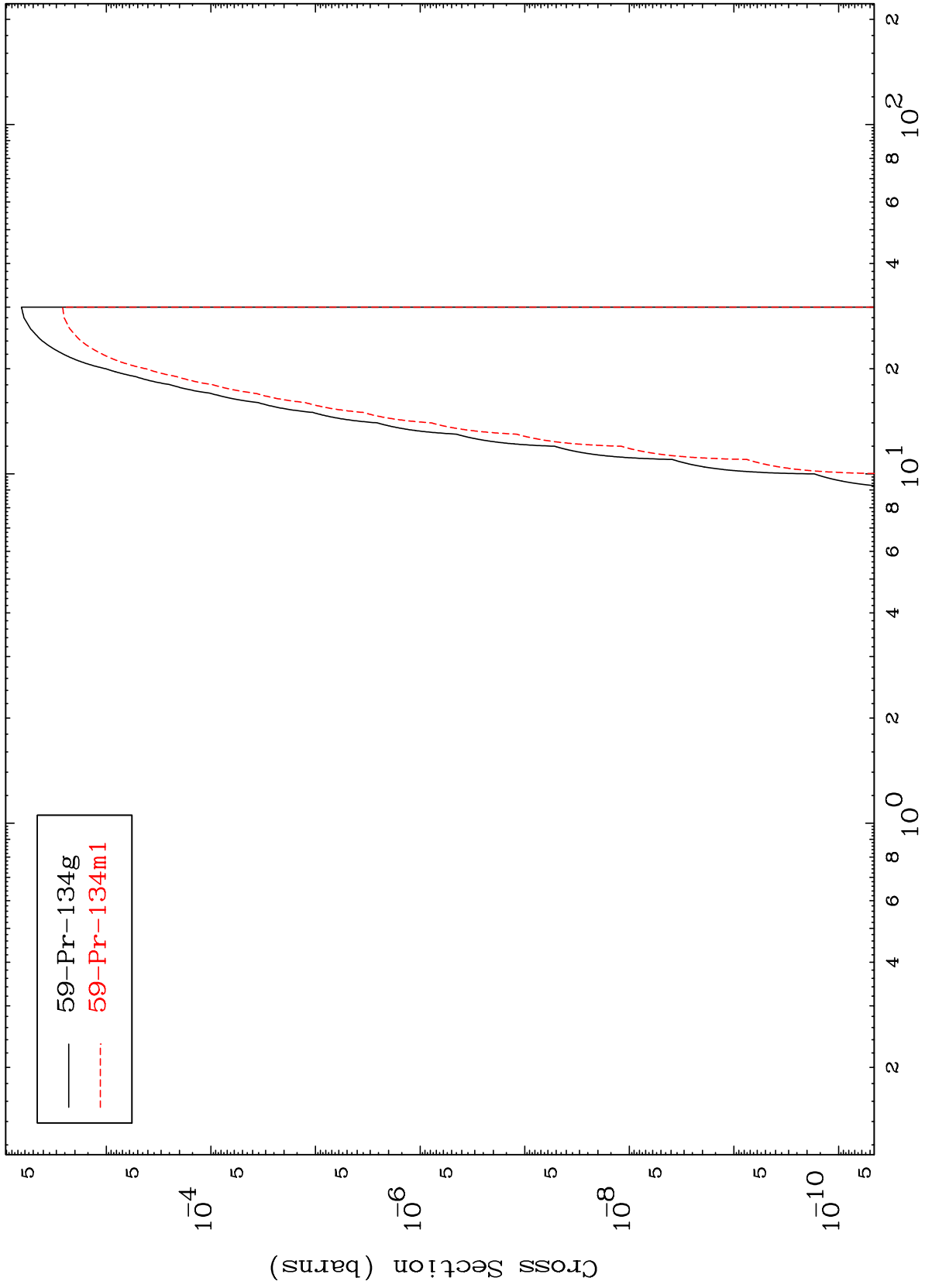
61-Pm-138

MAT 6123

(p,p) α

61-Pm-138

Radionuclide Production Cross Section



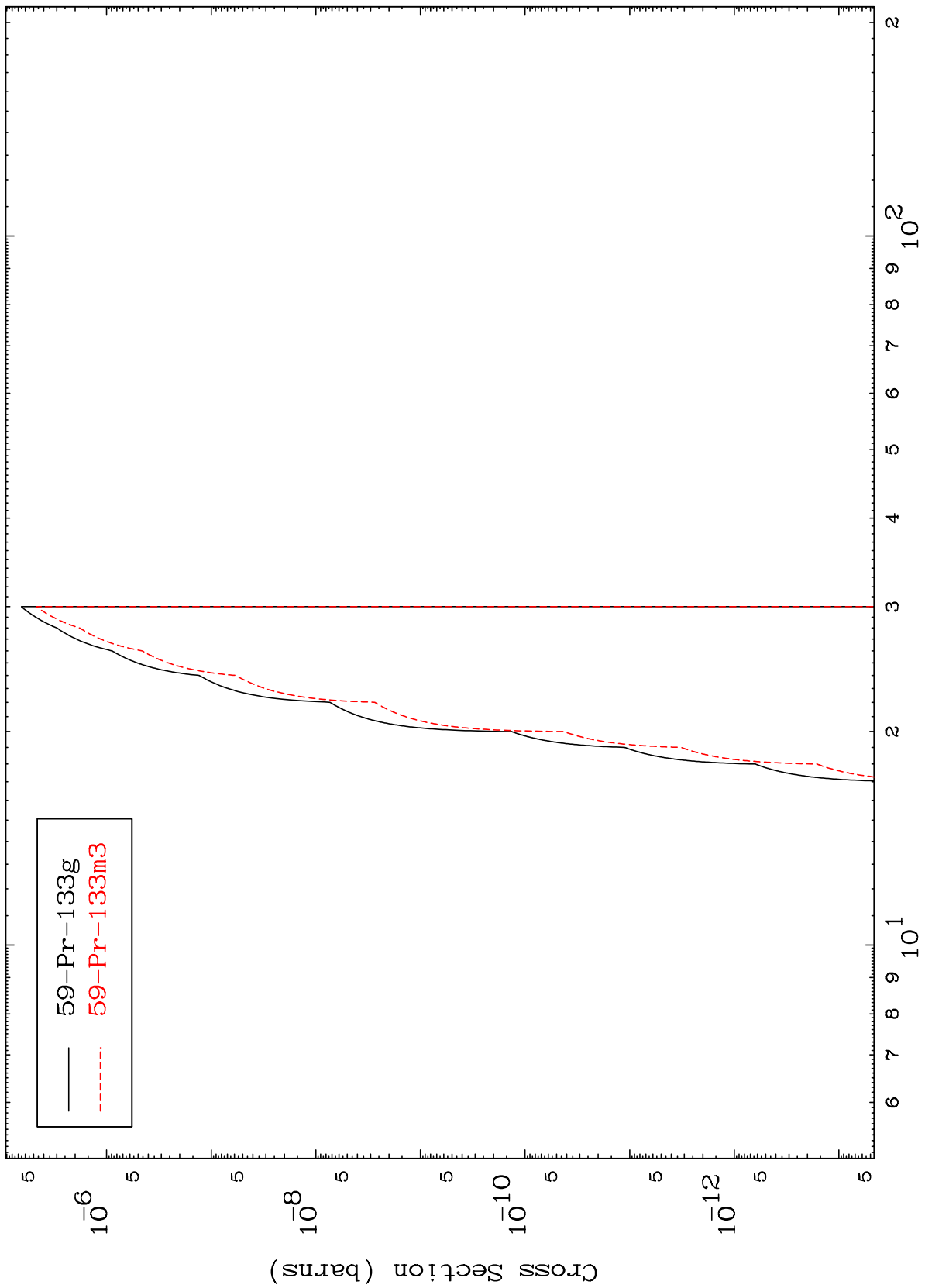
59-Pr-134g
59-Pr-134m1

MAT 6123

(p,d) α

61-Pm-138

Radionuclide Production Cross Section



59-Pr-133g
59-Pr-133m3