

Program EVALPLOT
(Version 2018-1)

by

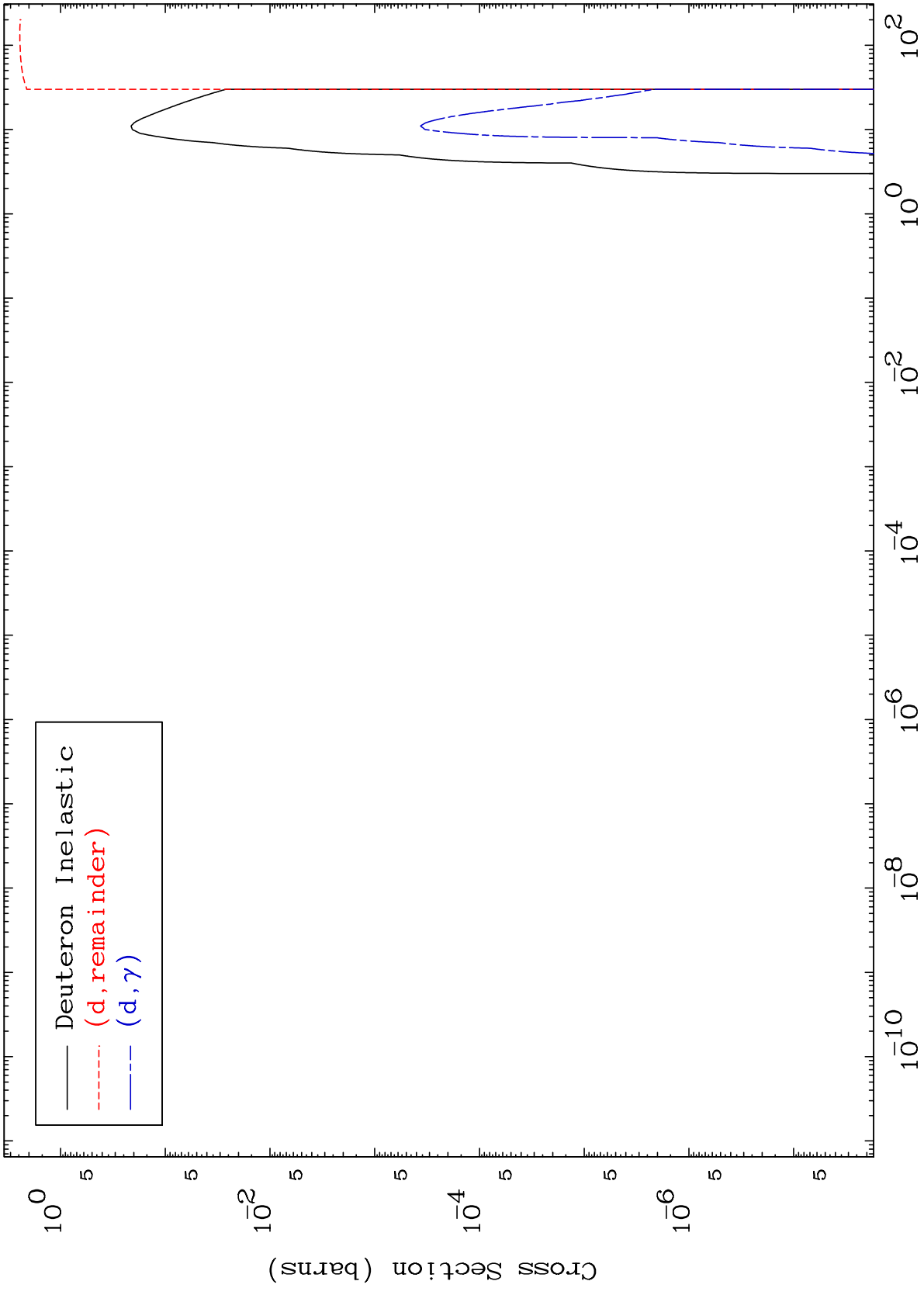
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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E.Mail:redcullen1@comcast.net
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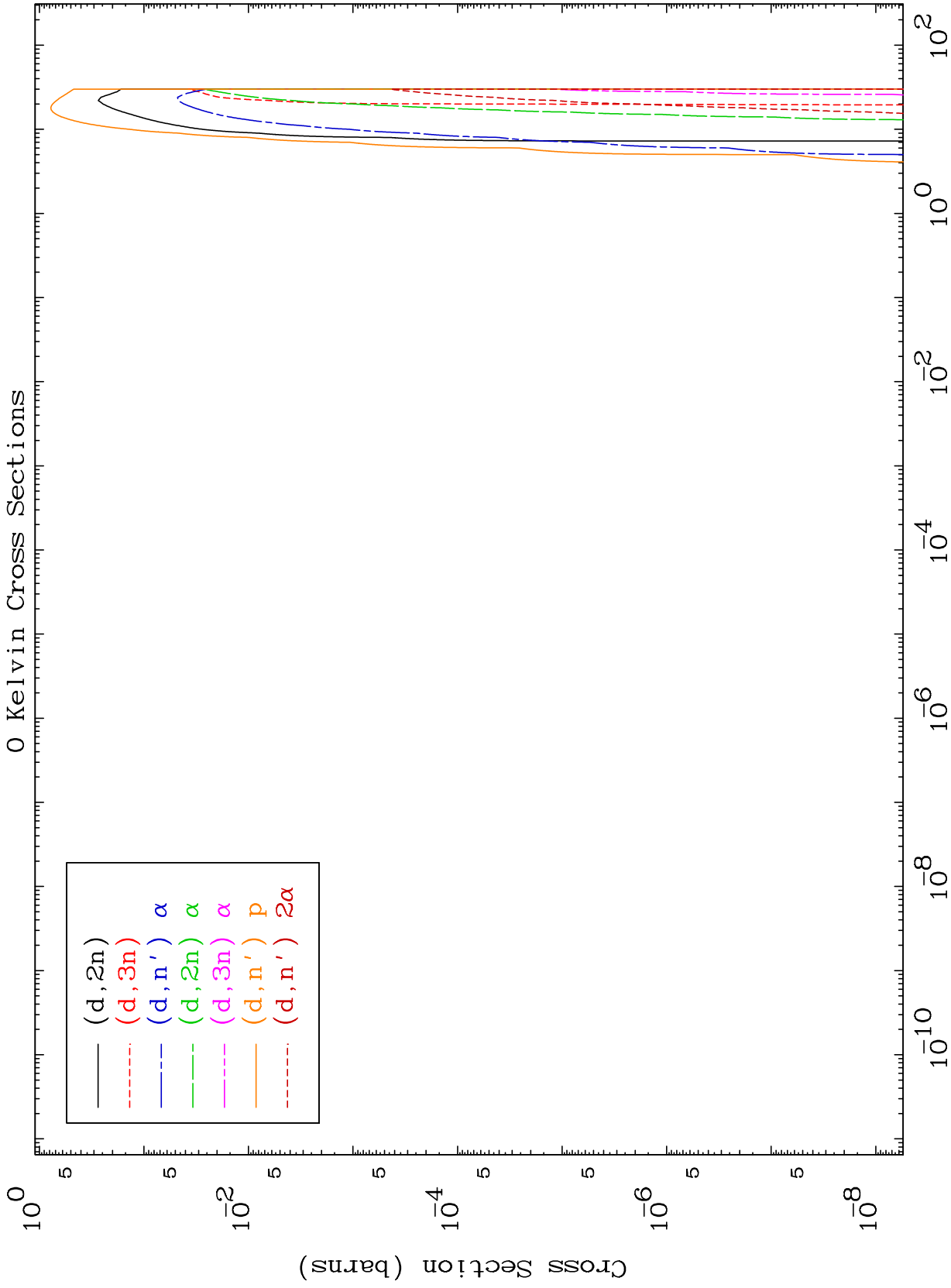
Press Mouse Button to Start



MAT 6117

Deuteron Neutron Production
0 Kelvin Cross Sections

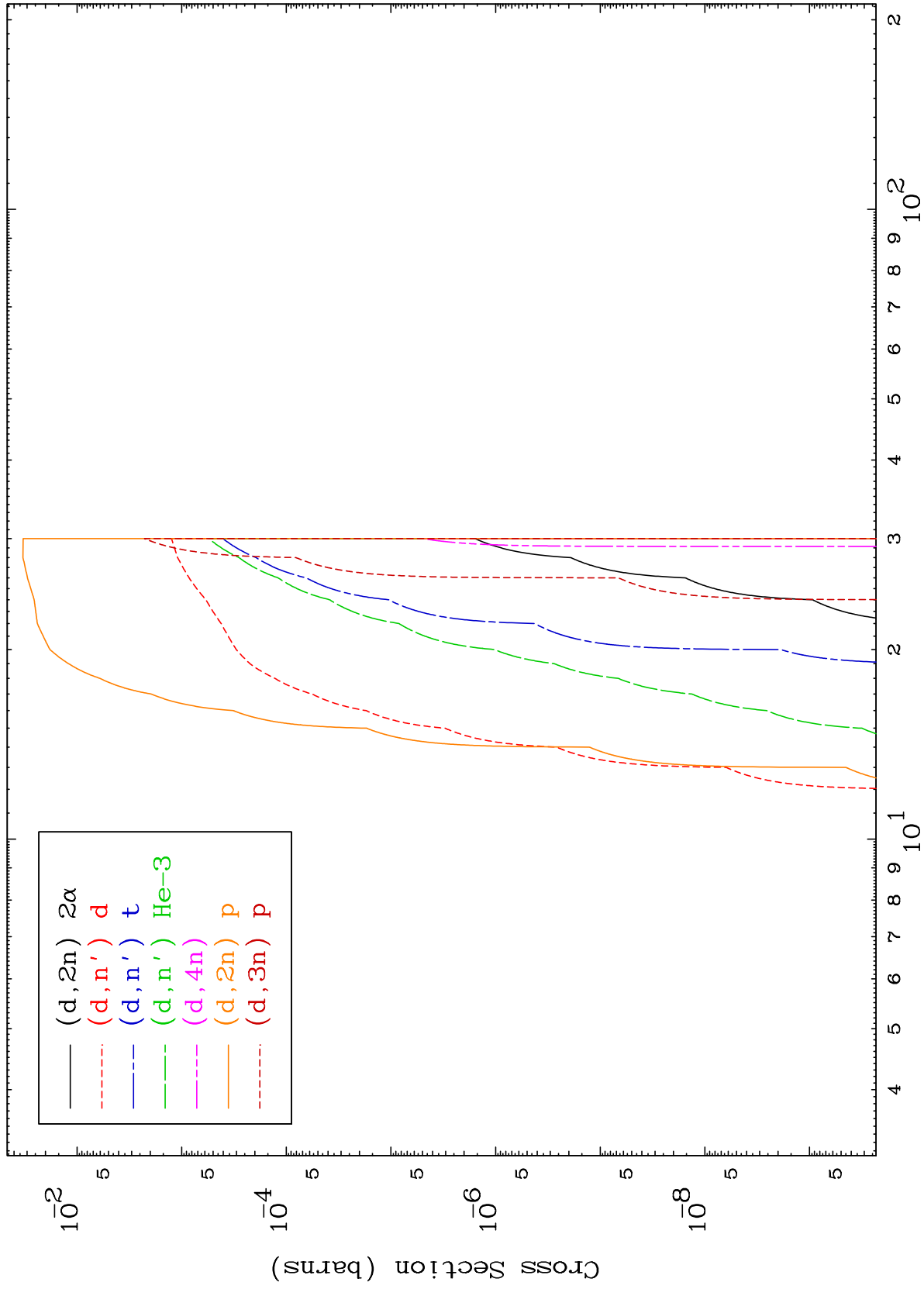
61-Pm-136



2

Incident Energy (MeV)

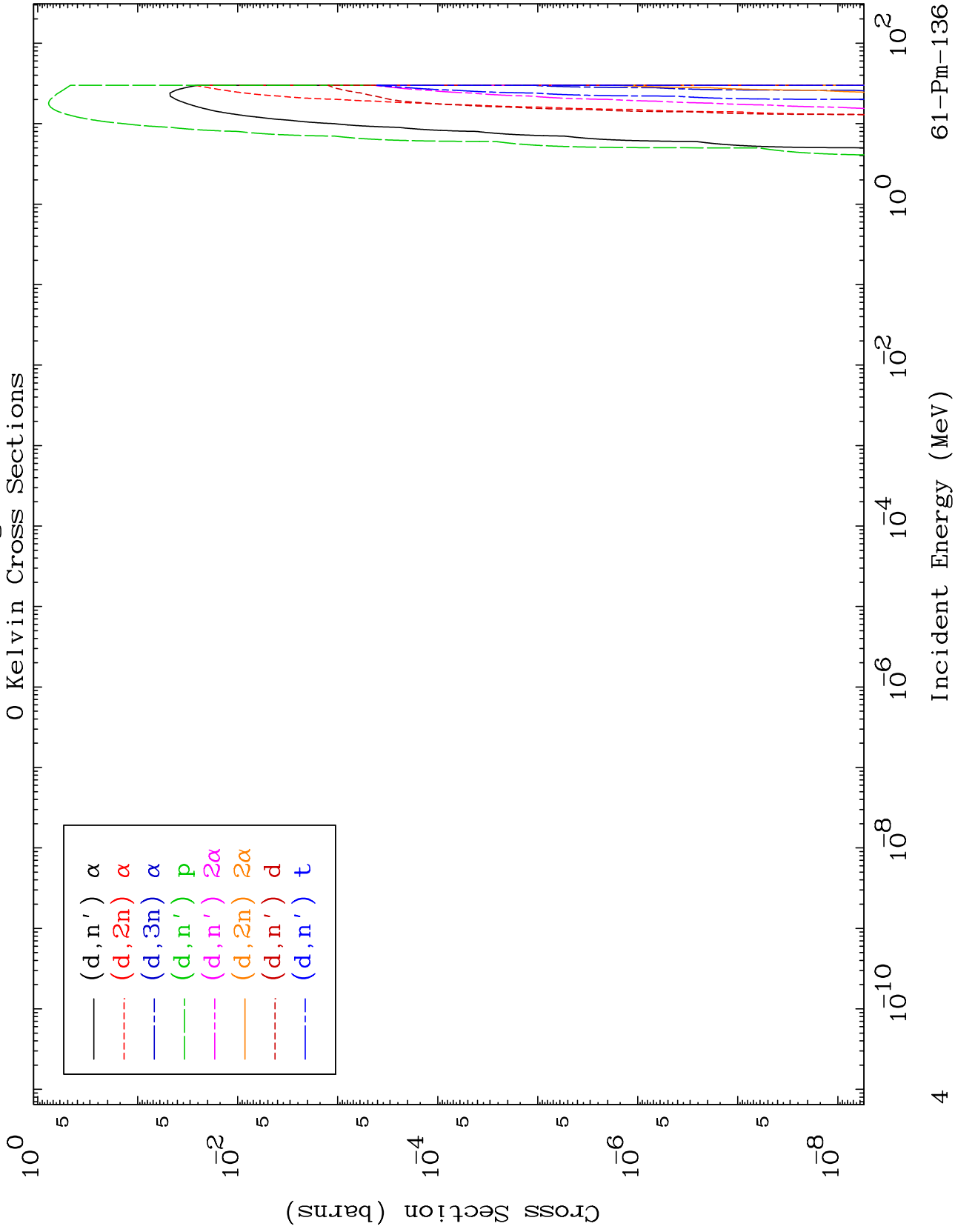
61-Pm-136



MAT 6117

Deuteron Charged Particle
0 Kelvin Cross Sections

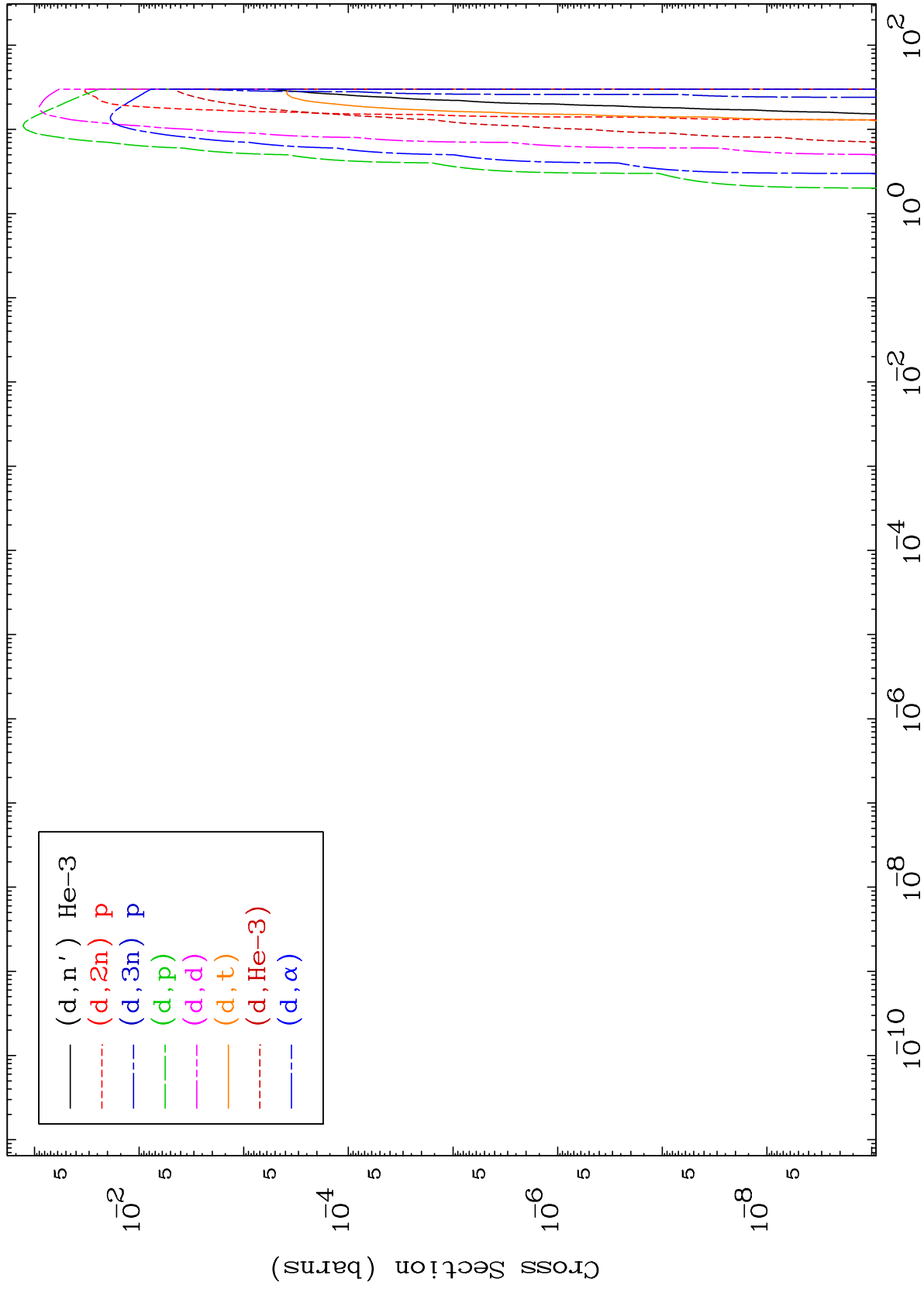
61-Pm-136



MAT 6117

Deuteron Charged Particle
0 Kelvin Cross Sections

61-Pm-136



5

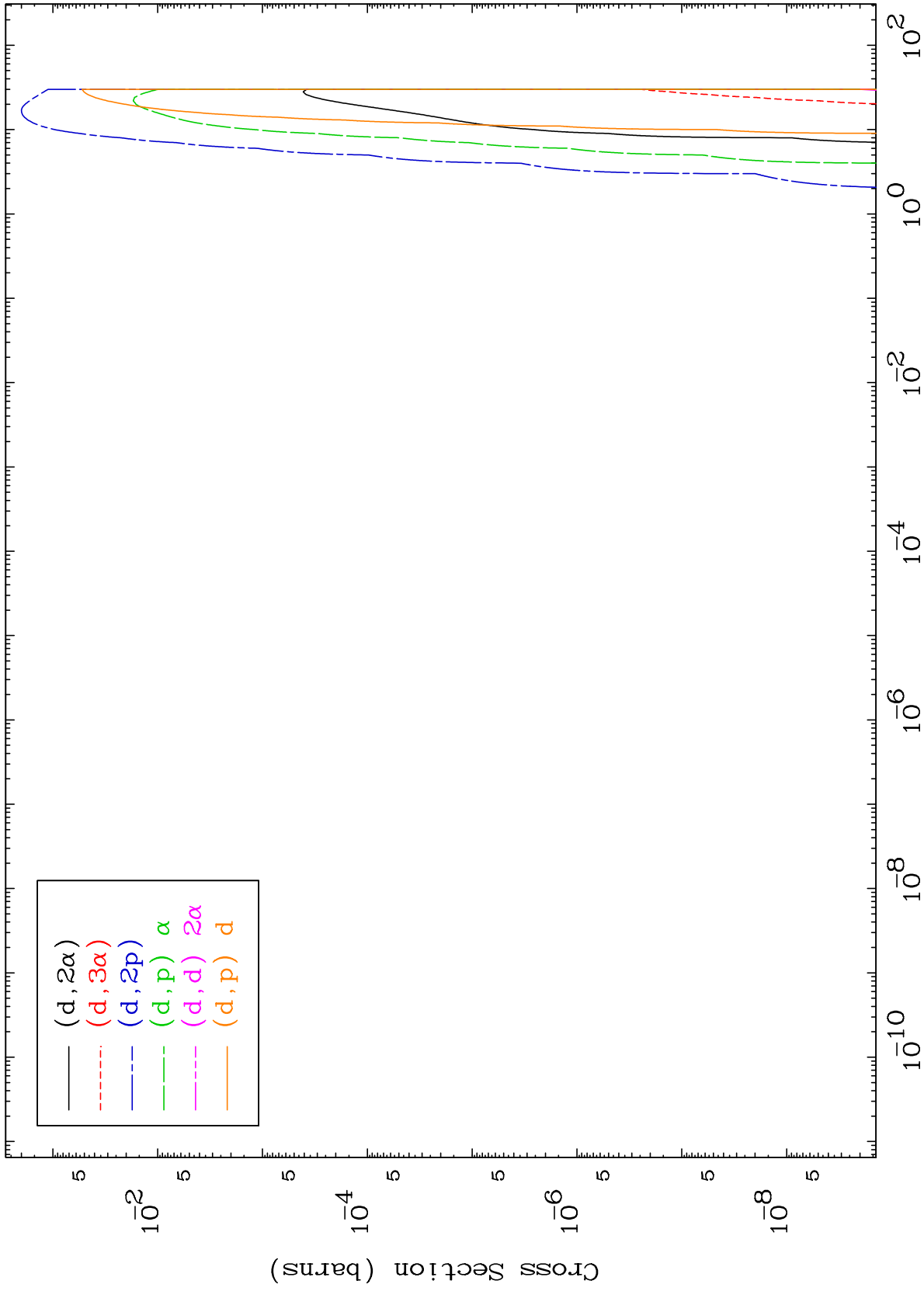
Incident Energy (MeV)

61-Pm-136

MAT 6117

Deuteron Charged Particle
0 Kelvin Cross Sections

61-Pm-136



6

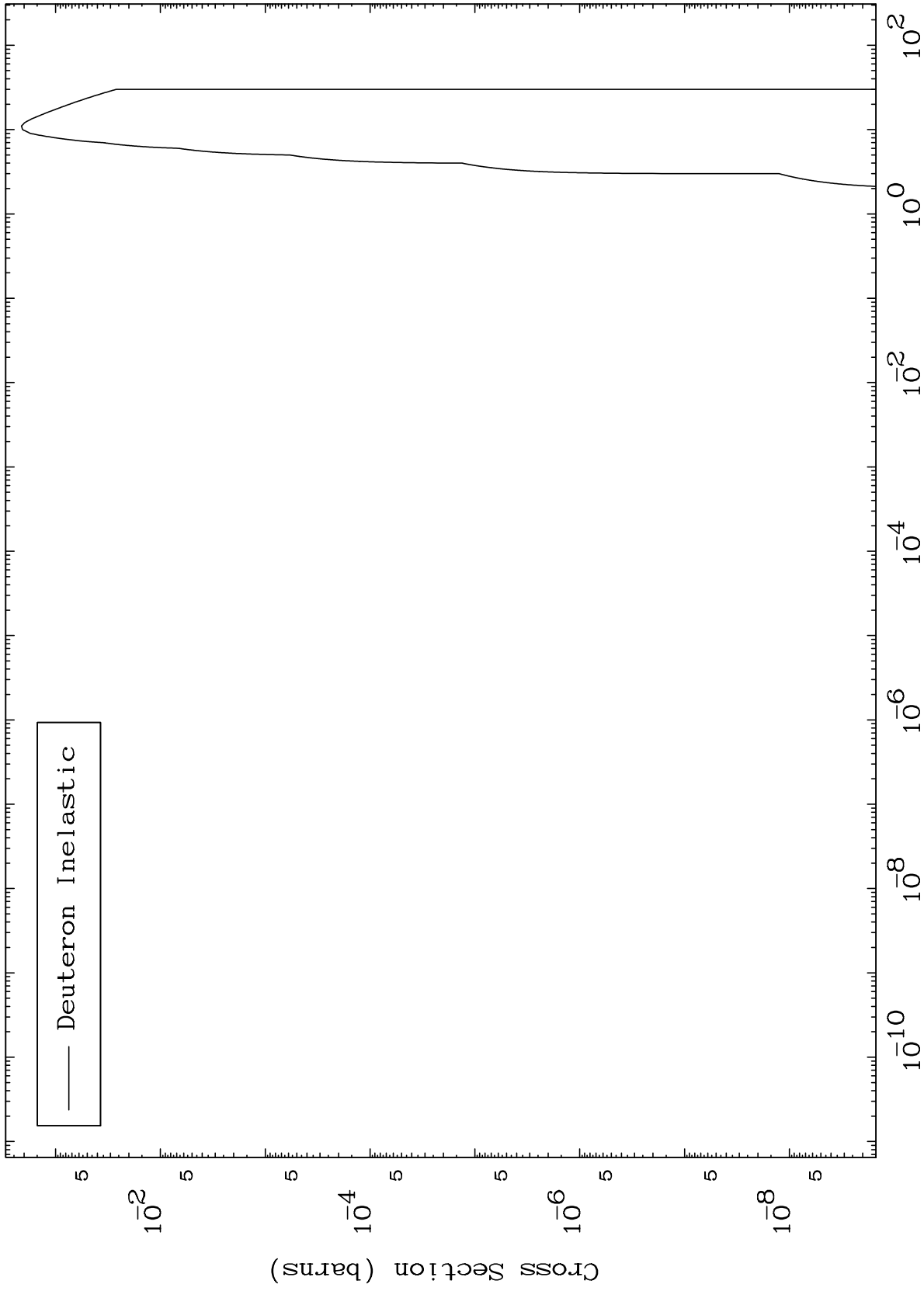
Incident Energy (MeV)

61-Pm-136

MAT 6117

(d,n') Level
0 Kelvin Cross Sections

61-Pm-136



7

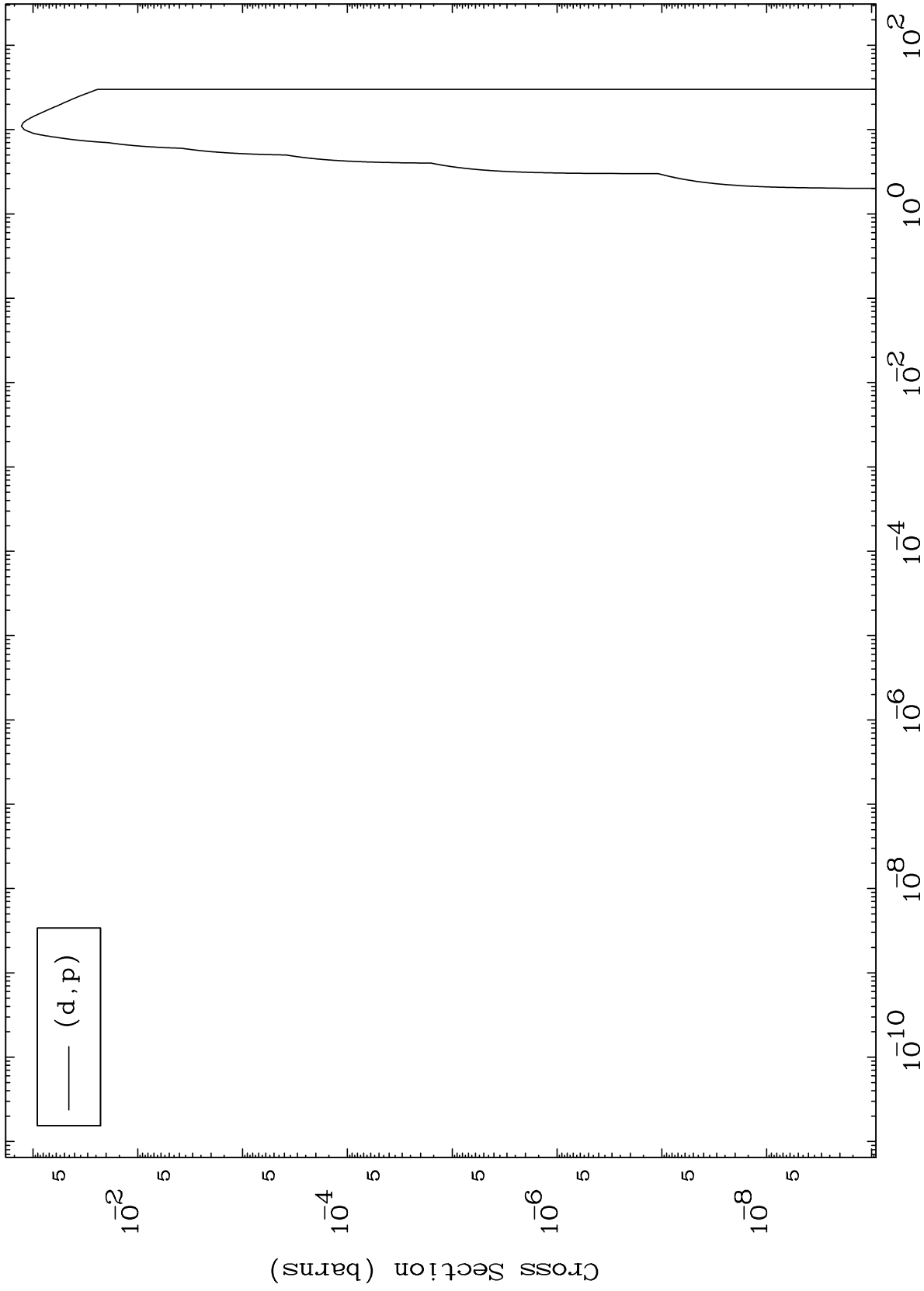
Incident Energy (MeV)

61-Pm-136

MAT 6117

(d,p) Levels
0 Kelvin Cross Sections

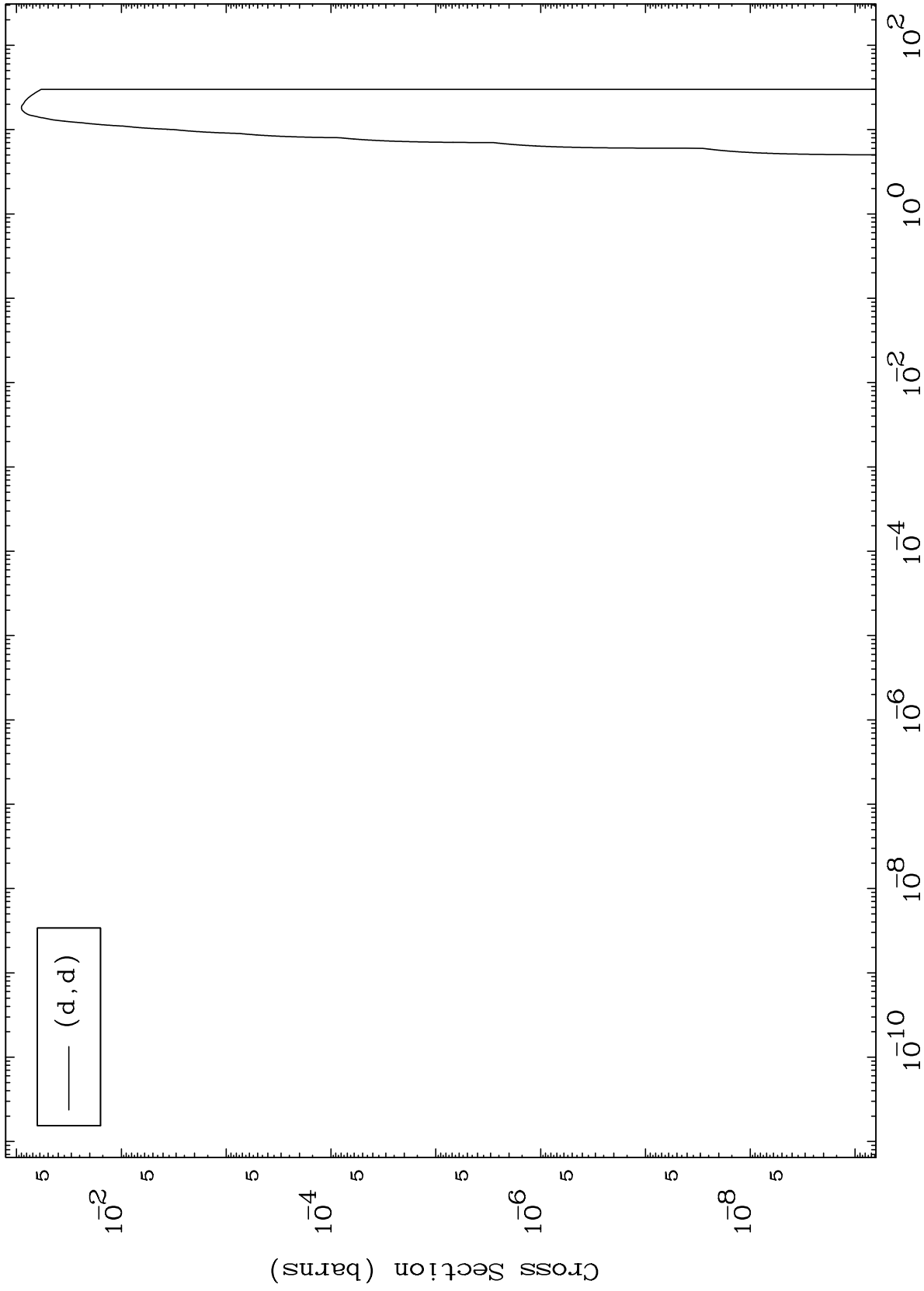
61-Pm-136



MAT 6117

(d,d) Levels
0 Kelvin Cross Sections

61-Pm-136



9

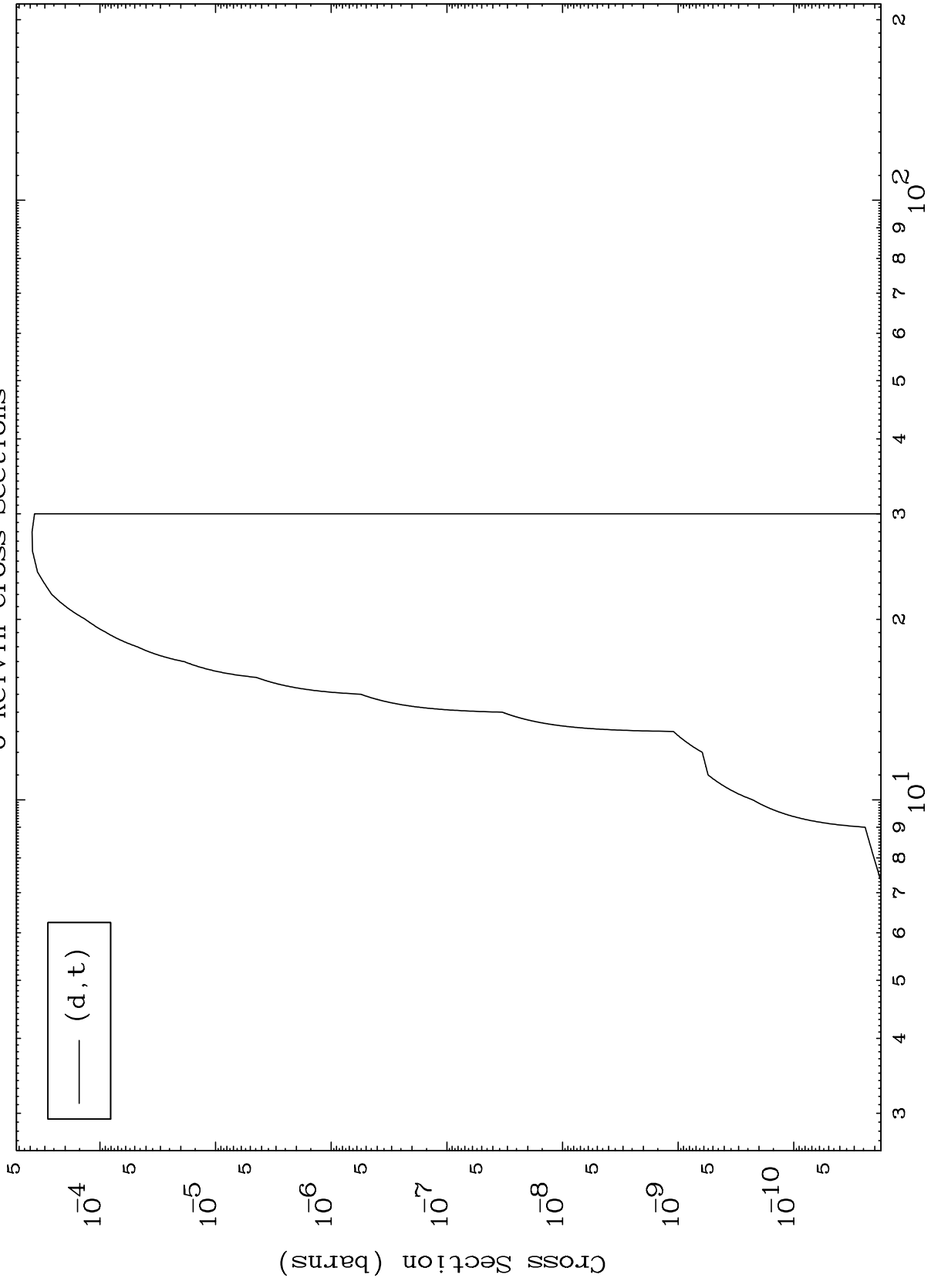
Incident Energy (MeV)

61-Pm-136

MAT 6117

(d,t) Levels
0 Kelvin Cross Sections

61-Pm-136



10

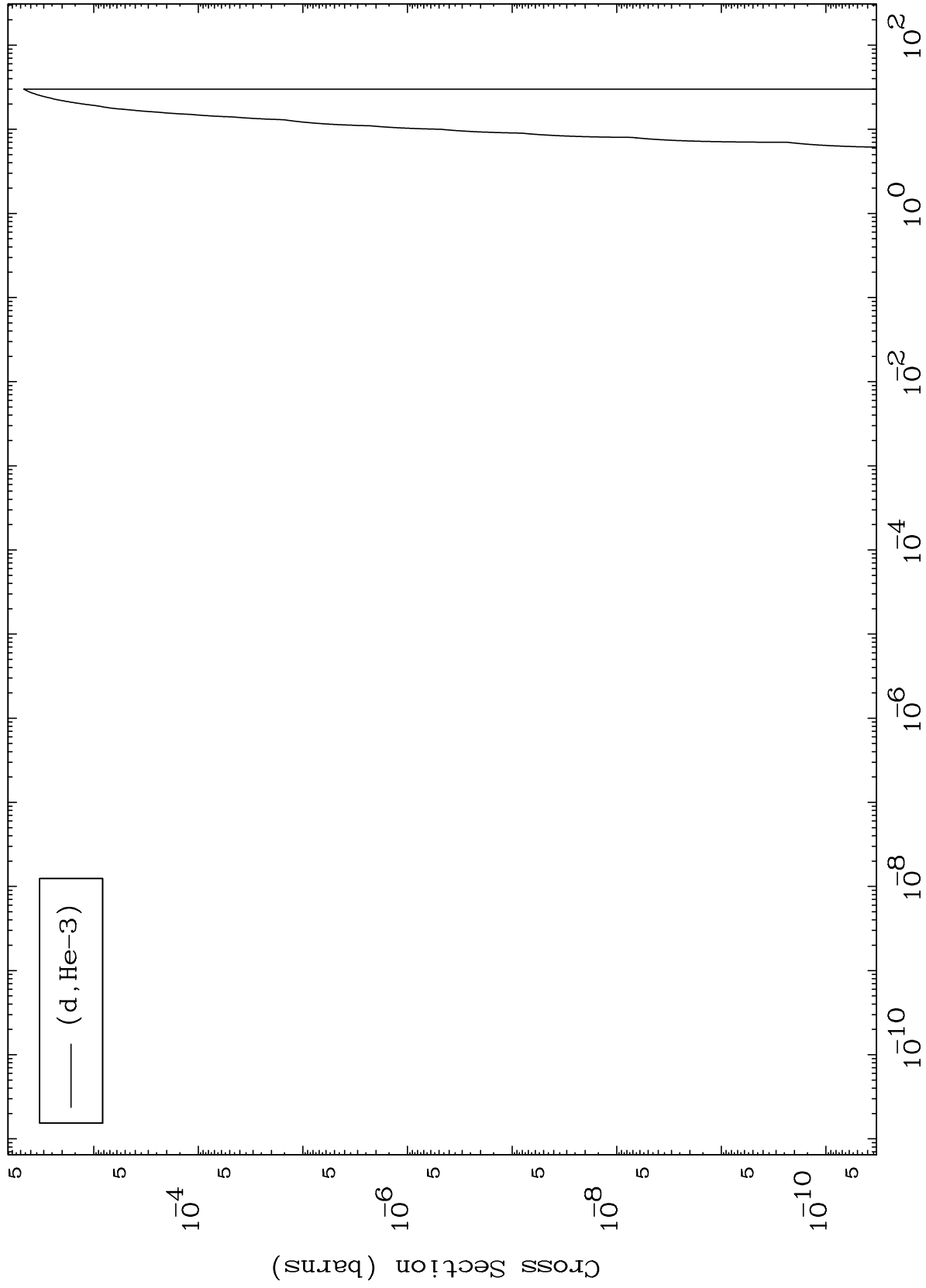
Incident Energy (MeV)

61-Pm-136

MAT 6117

(d,He3) Levels
0 Kelvin Cross Sections

61-Pm-136



11

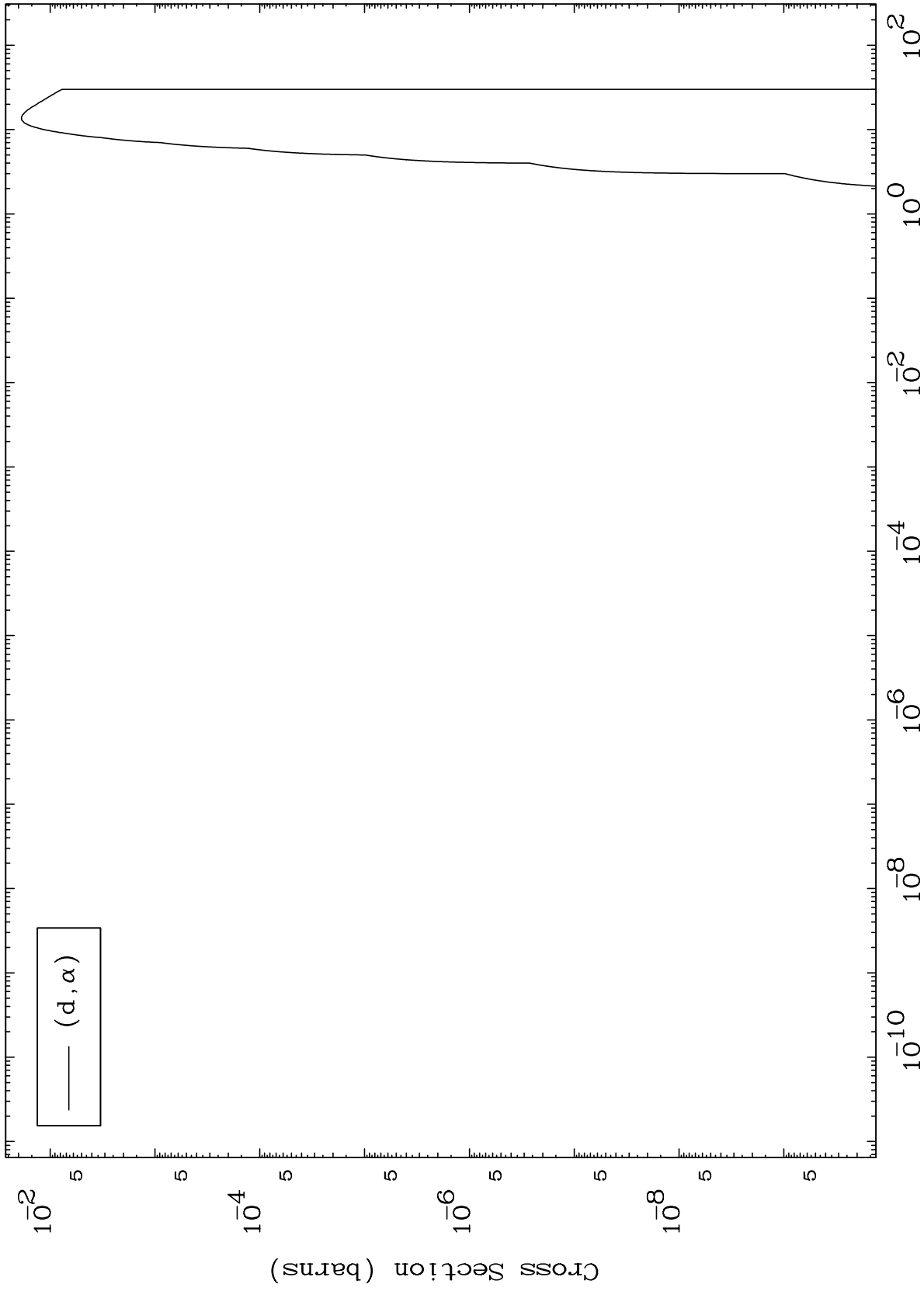
Incident Energy (MeV)

61-Pm-136

MAT 6117

(d, α) Levels
0 Kelvin Cross Sections

61-Pm-136



12

Incident Energy (MeV)

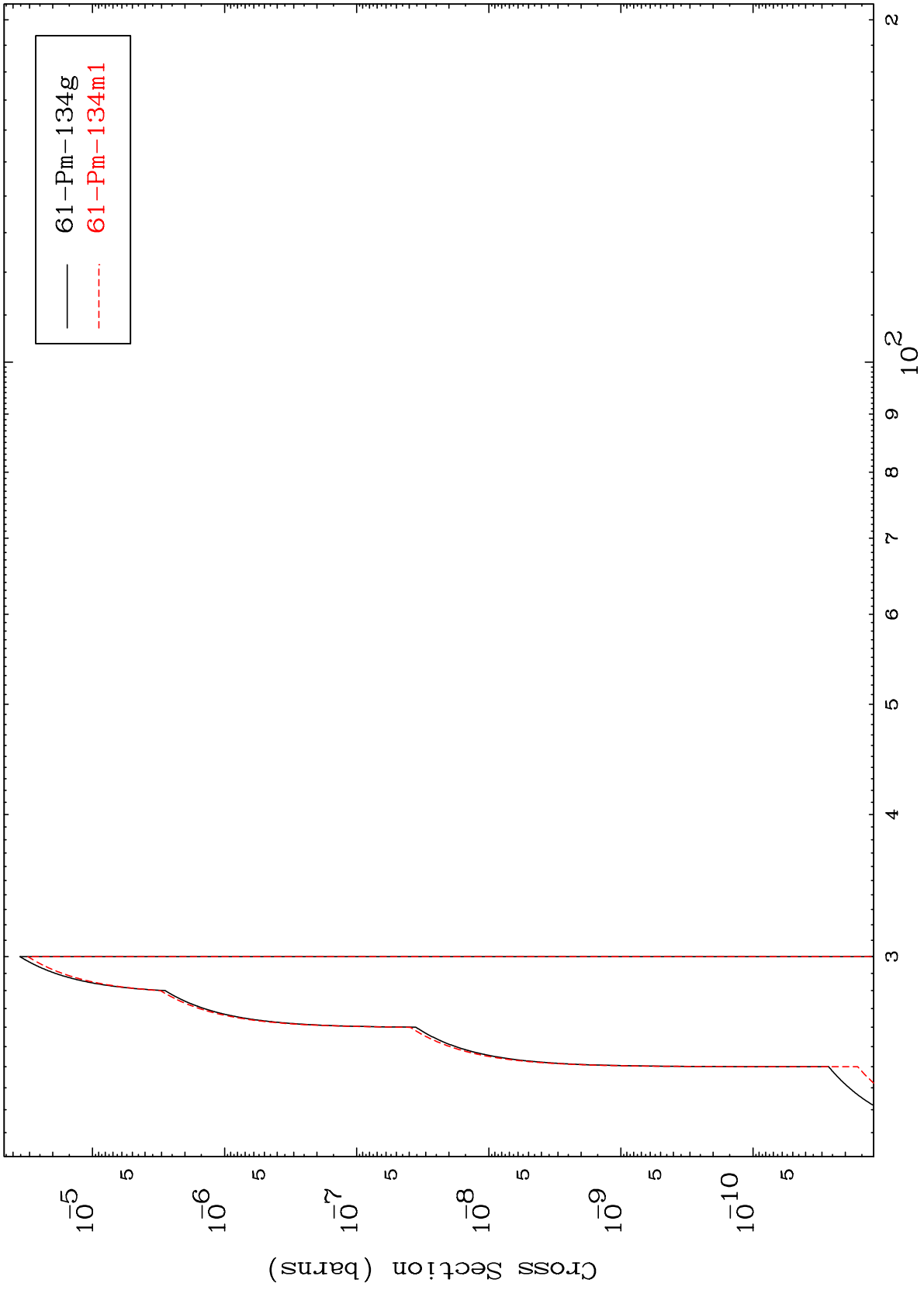
61-Pm-136

MAT 6117

(d,2n) d

61-Pm-136

Radionuclide Production Cross Section



13

Incident Energy (MeV)

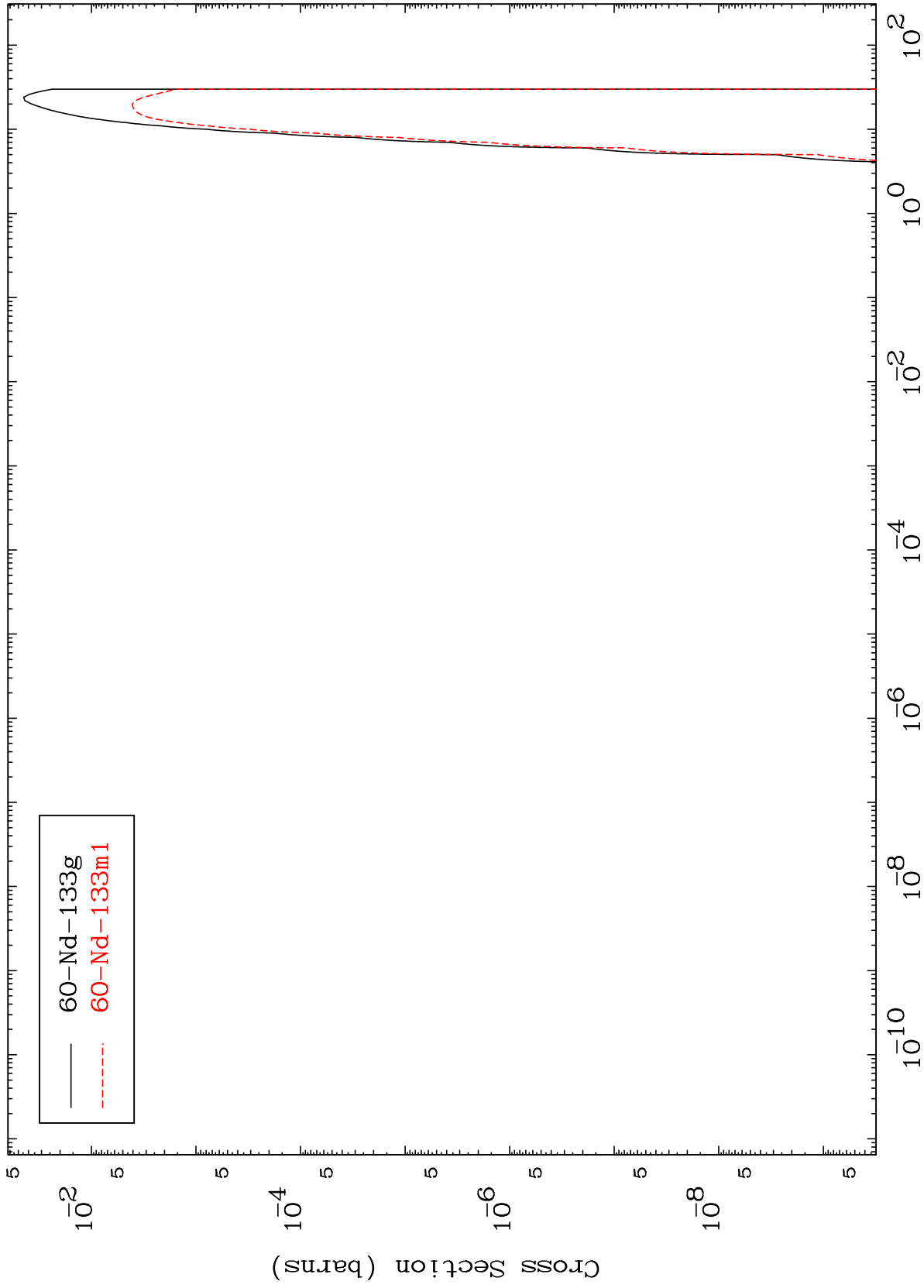
61-Pm-136

MAT 6117

(d,n') α

61-Pm-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

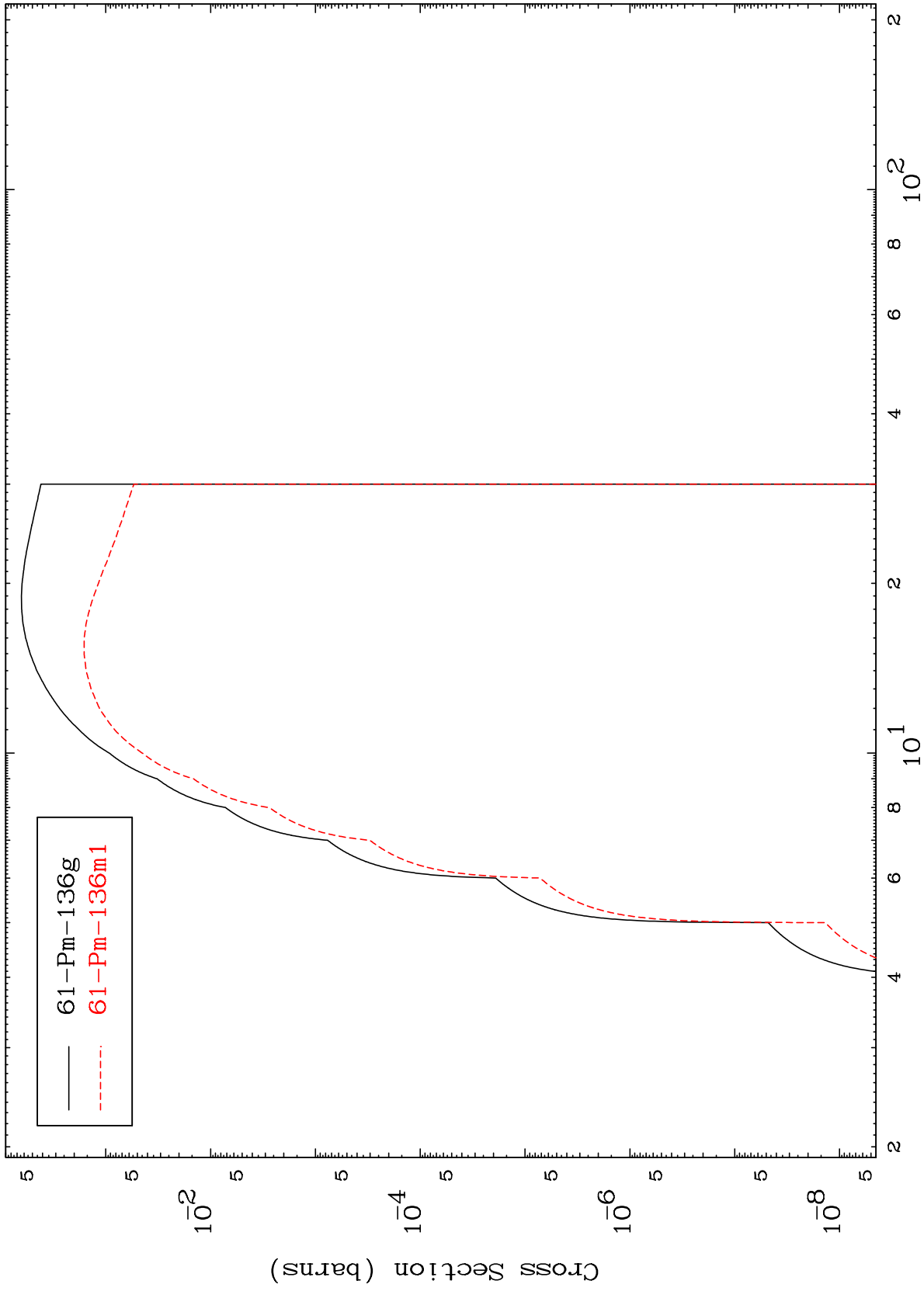
61-Pm-136

MAT 6117

(d,n') p

61-Pm-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

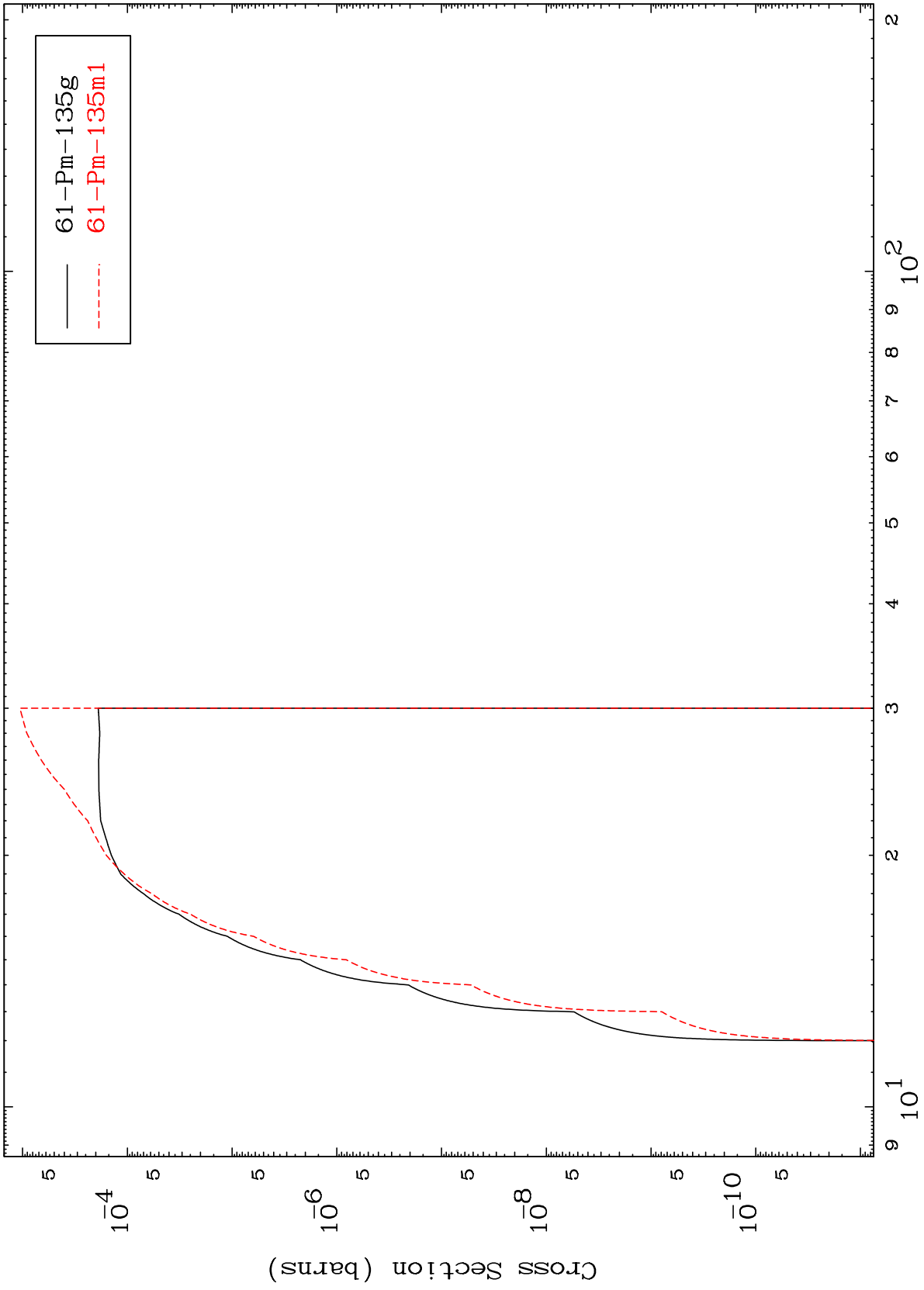
61-Pm-136

MAT 6117

(d,n') d

61-Pm-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

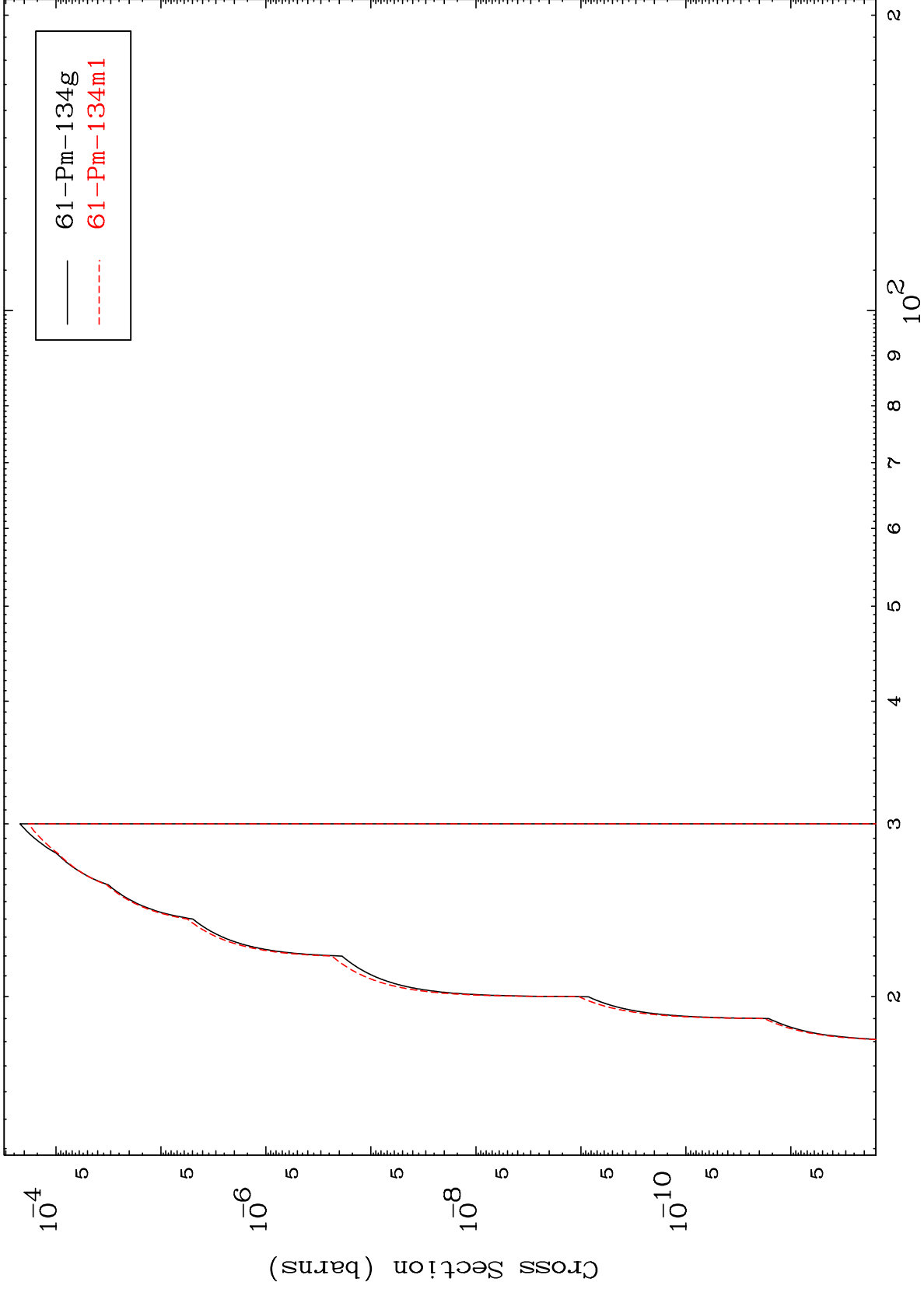
61-Pm-136

MAT 6117

(d,n') t

61-Pm-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

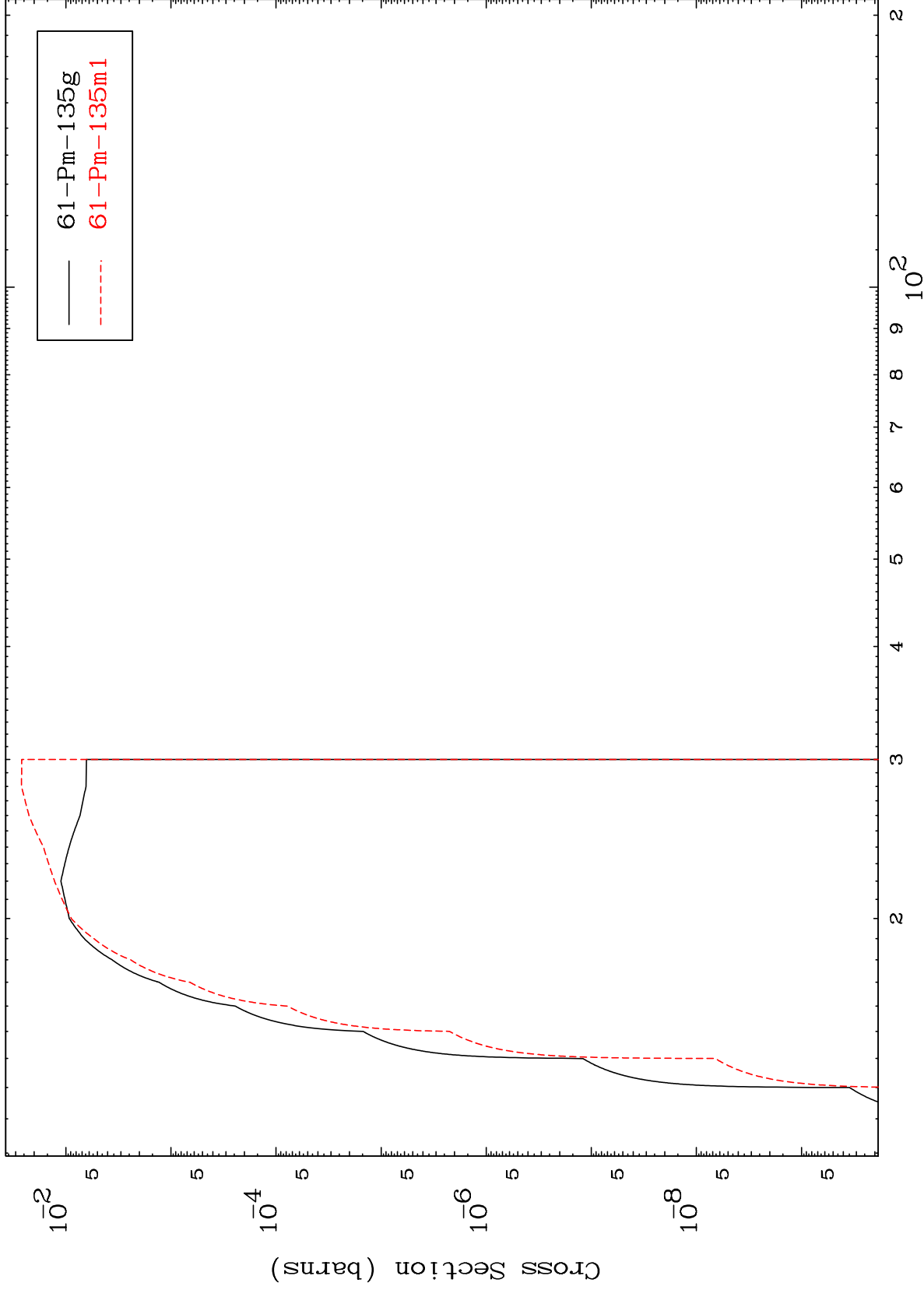
61-Pm-136

MAT 6117

(d,2n) p

61-Pm-136

Radionuclide Production Cross Section



18

Incident Energy (MeV)

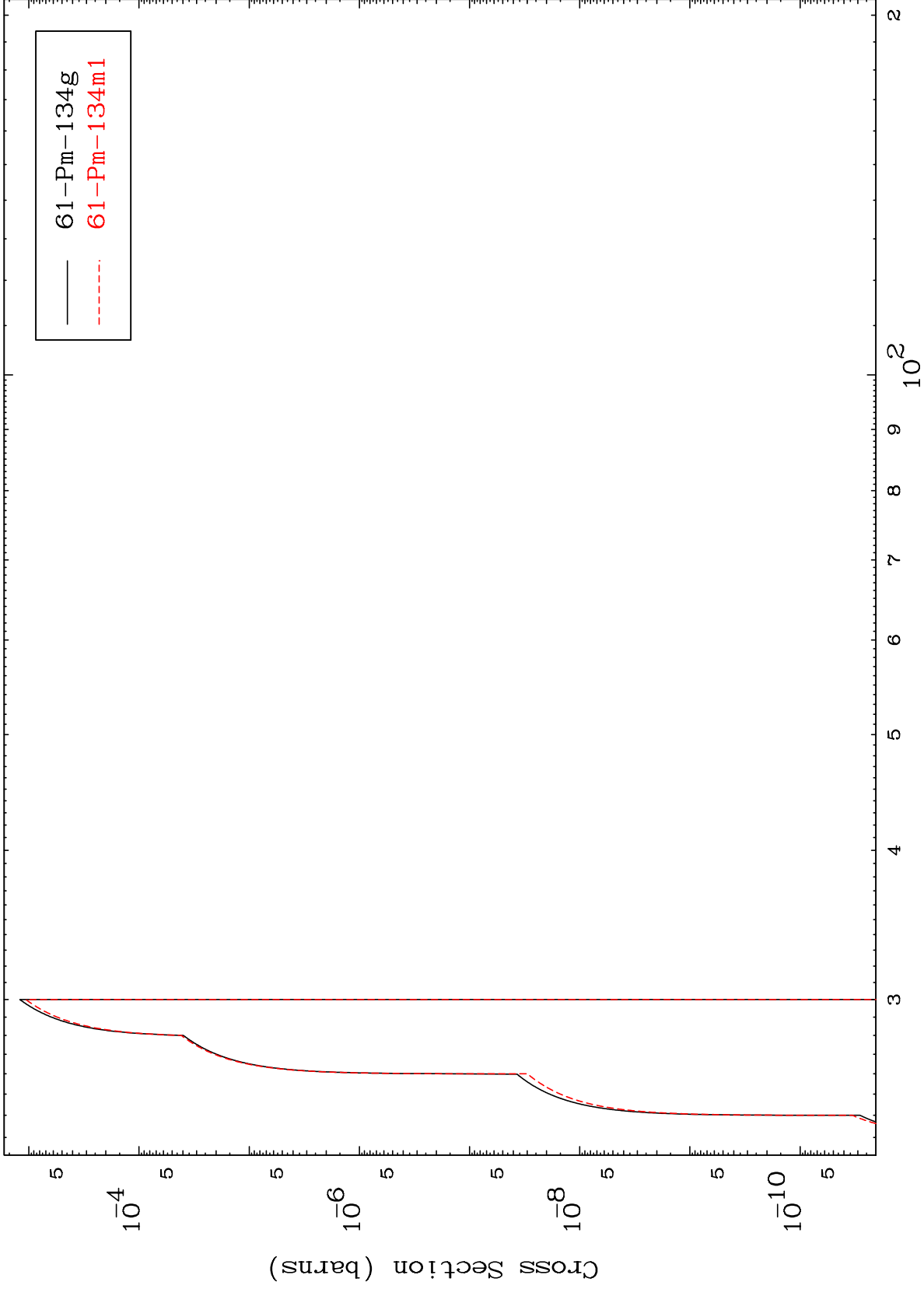
61-Pm-136

MAT 6117

(d,3n) p

61-Pm-136

Radionuclide Production Cross Section



19

Incident Energy (MeV)

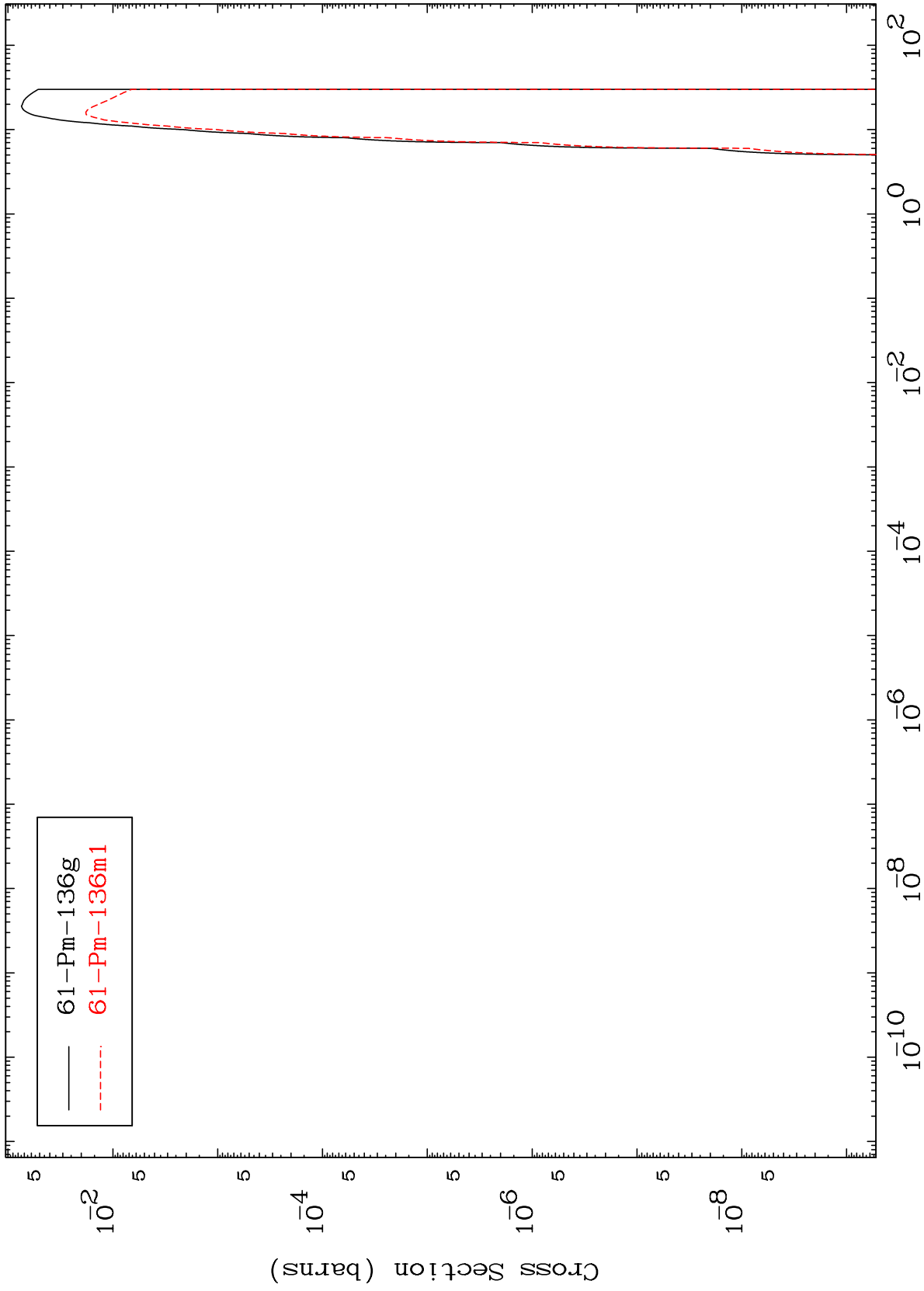
61-Pm-136

MAT 6117

(d,d)

61-Pm-136

Radionuclide Production Cross Section



20

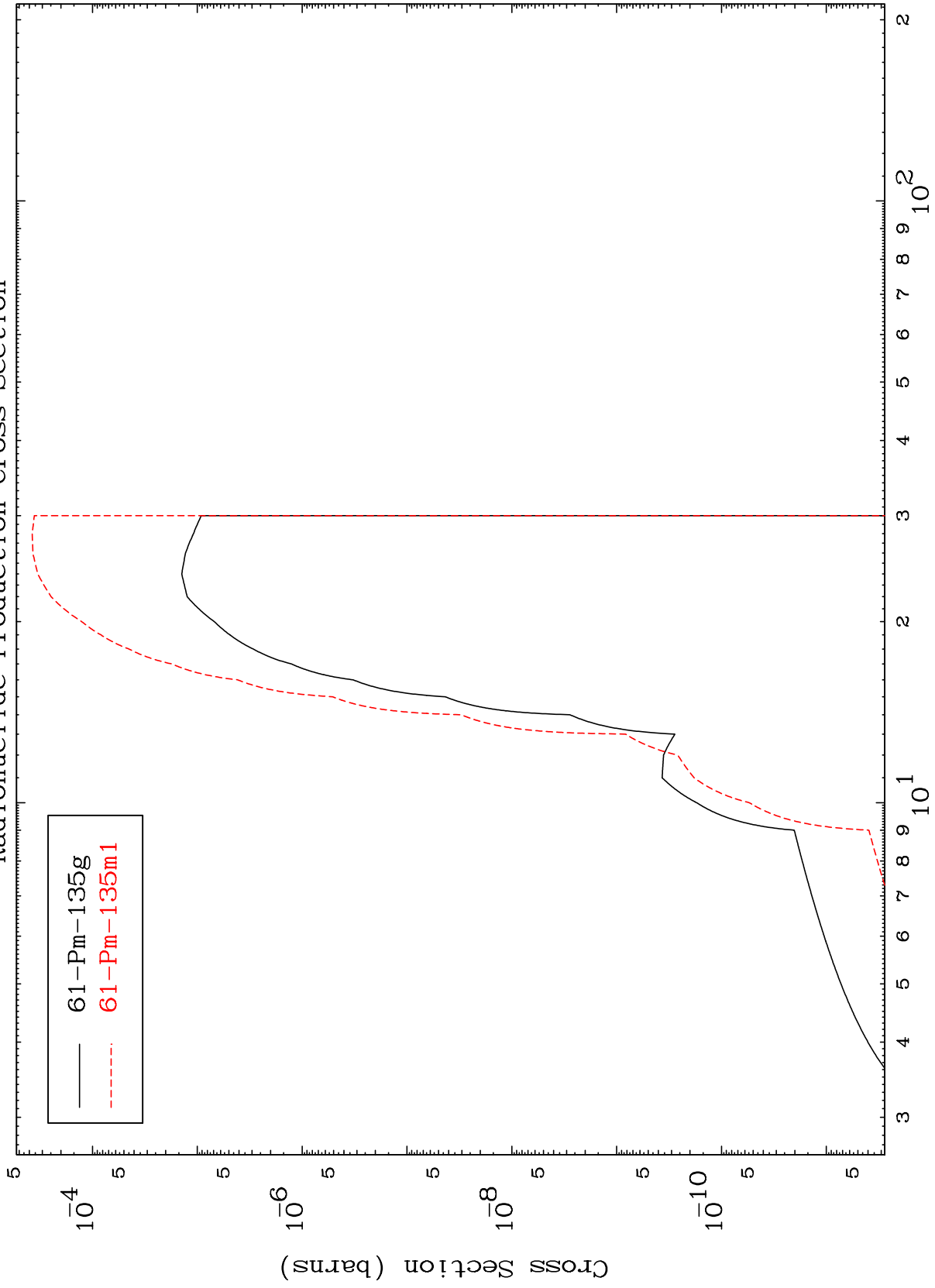
Incident Energy (MeV)

61-Pm-136

MAT 6117

61-Pm-136

(d, t)
Radionuclide Production Cross Section



61-Pm-135g
61-Pm-135m1

21

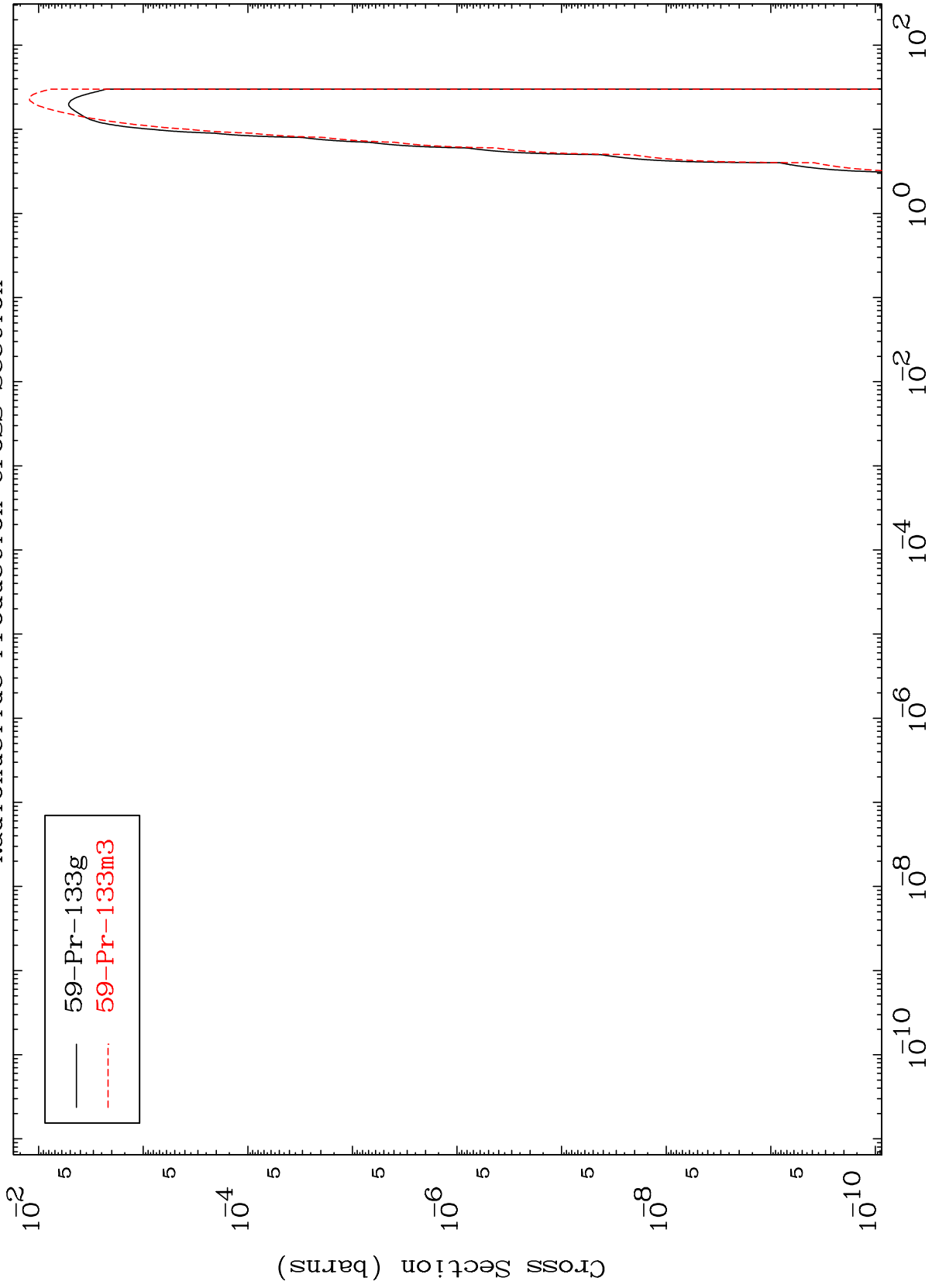
61-Pm-136

MAT 6117

(d,p) α

61-Pm-136

Radionuclide Production Cross Section



22

Incident Energy (MeV)

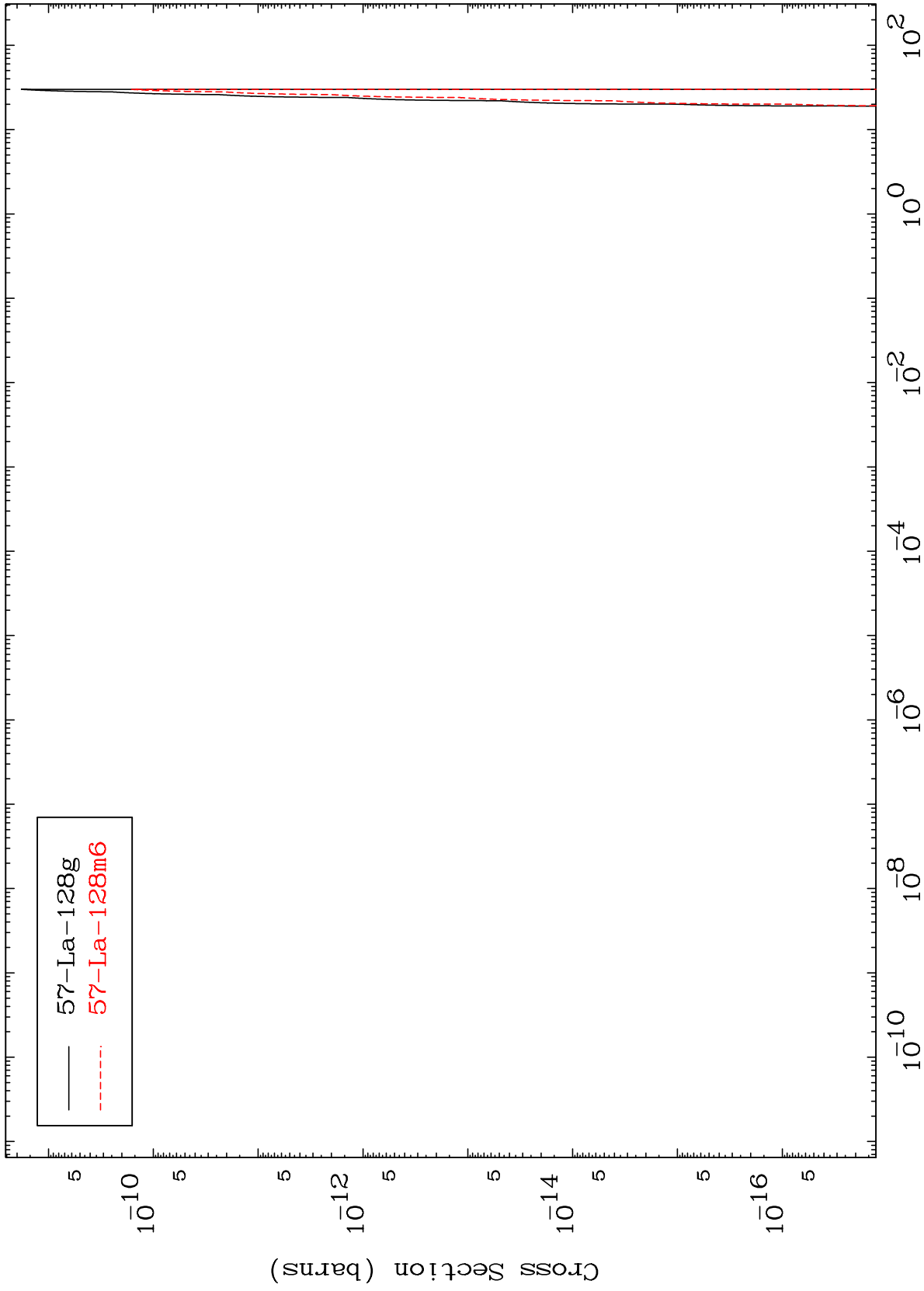
61-Pm-136

MAT 6117

(d,d) 2α

61-Pm-136

Radionuclide Production Cross Section



23

Incident Energy (MeV)

61-Pm-136