

Program EVALPLOT  
(Version 2018-1)

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

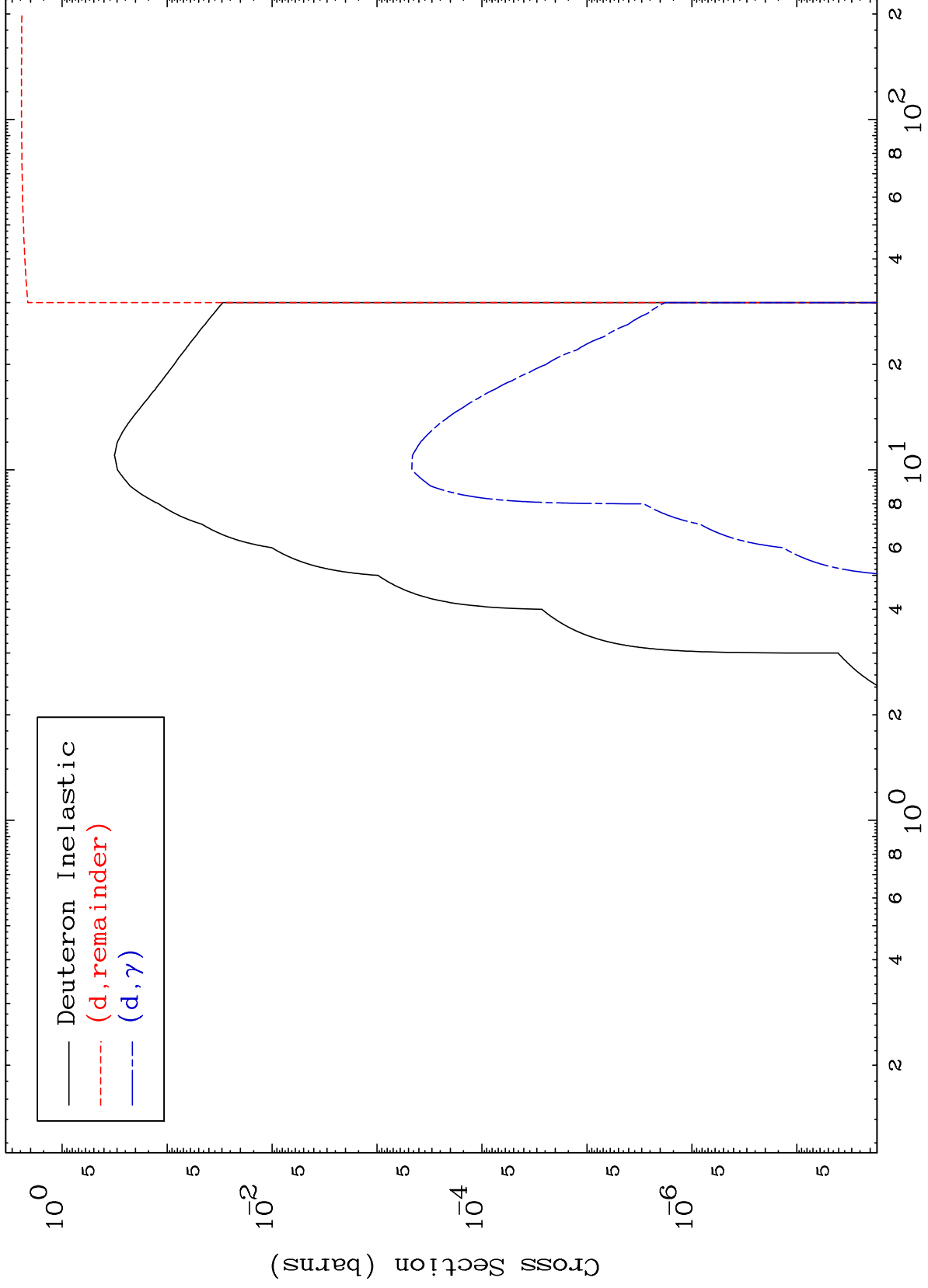
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

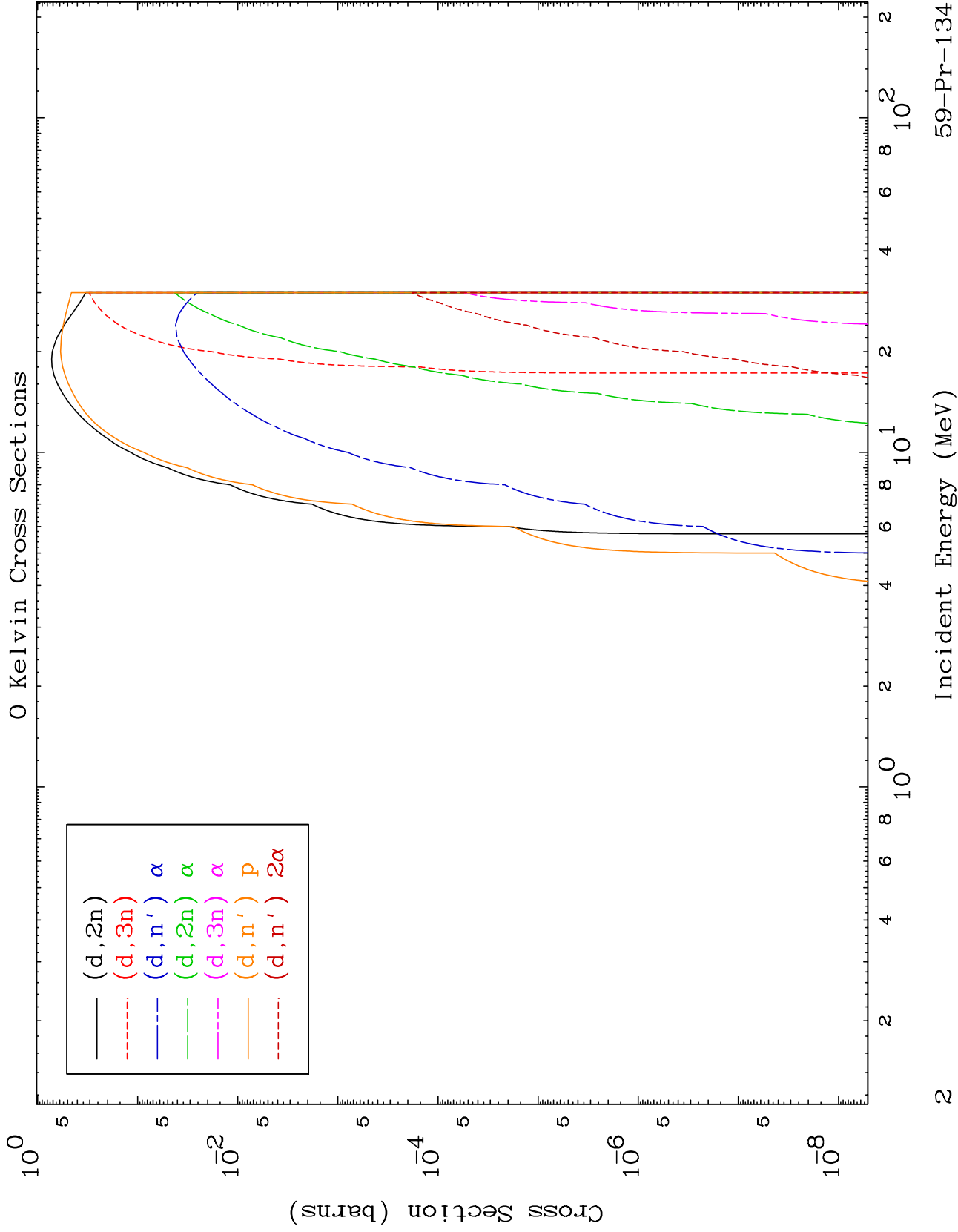
MAT 5905

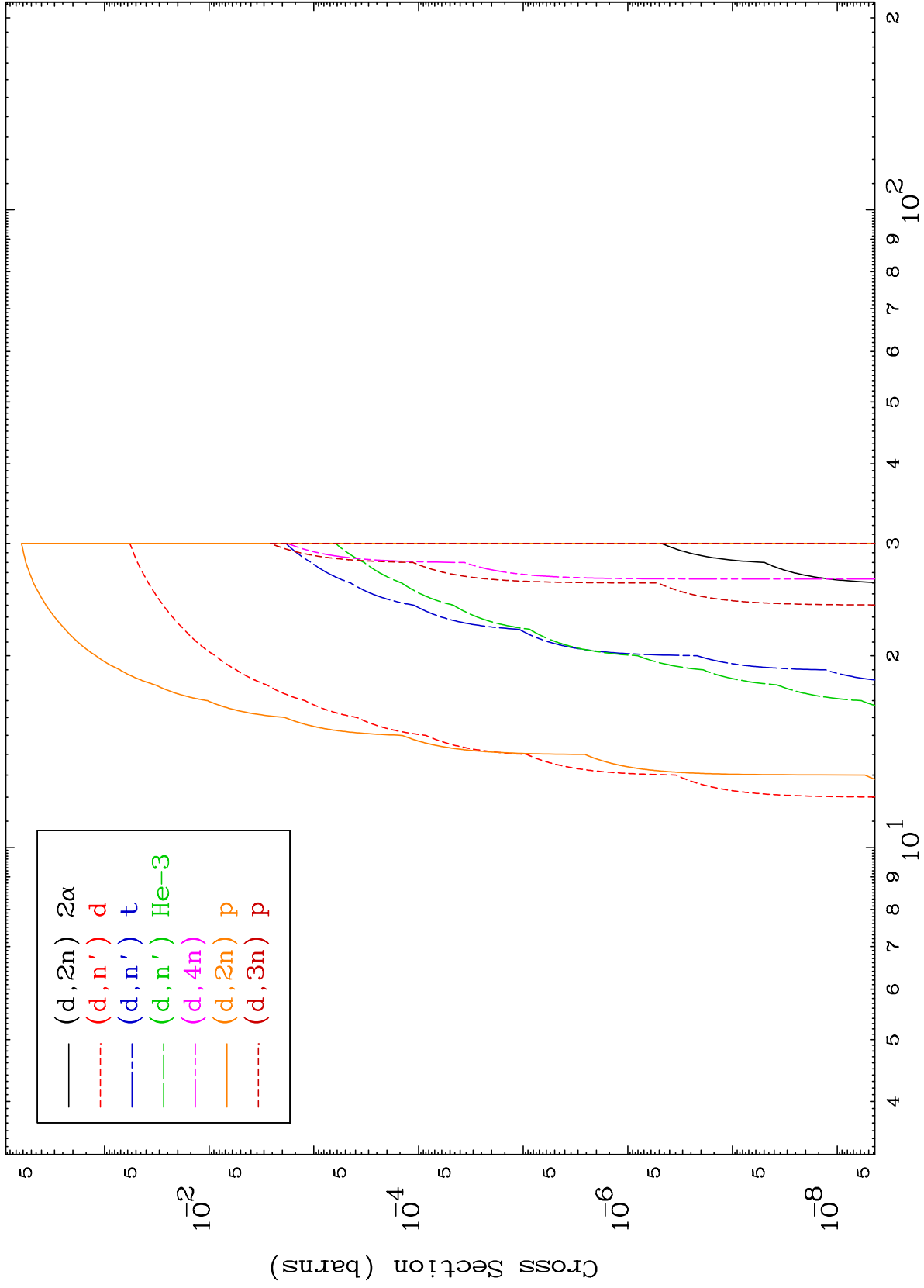
Deuteron Major  
0 Kelvin Cross Sections

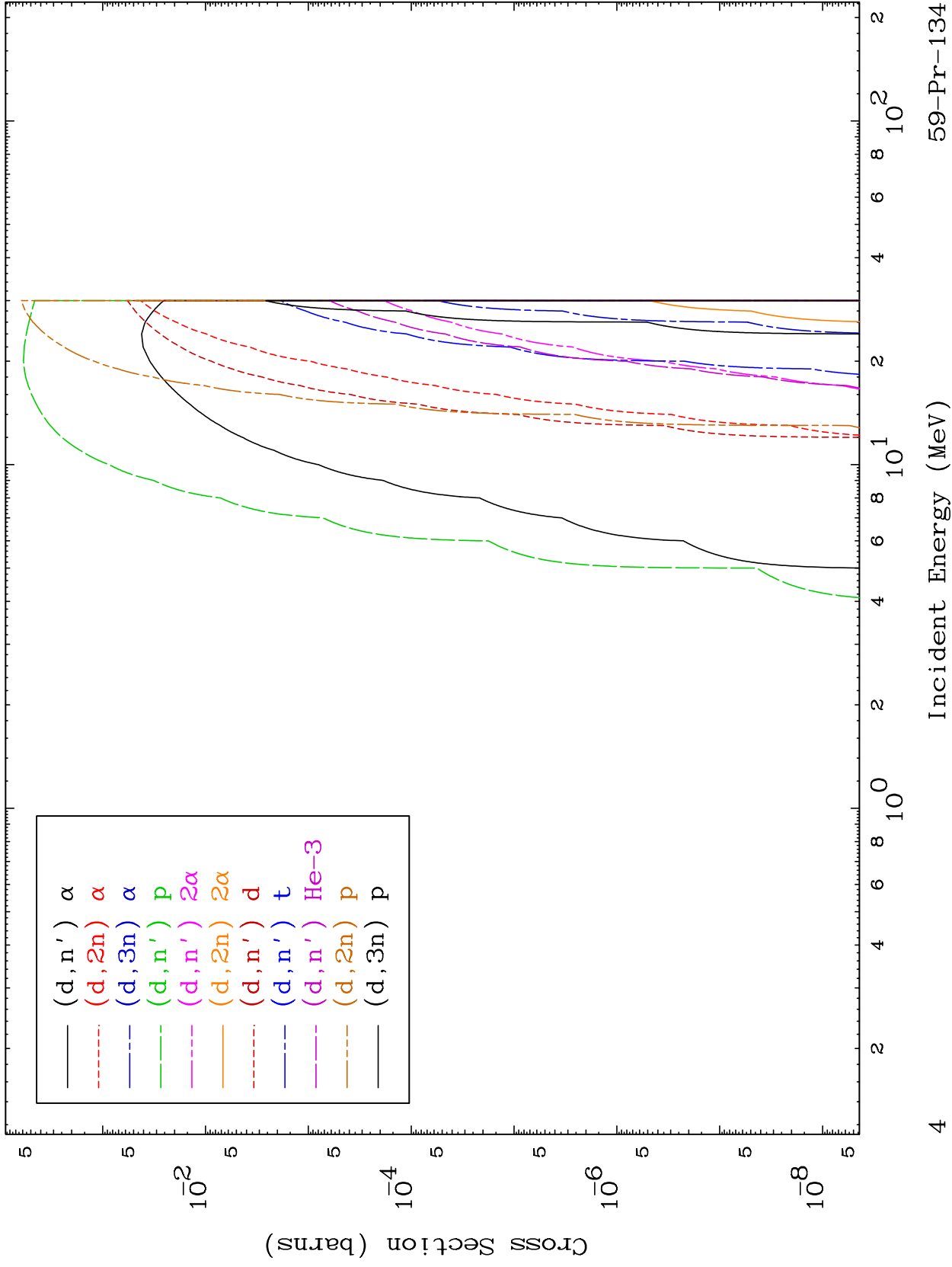
59-Pr-134

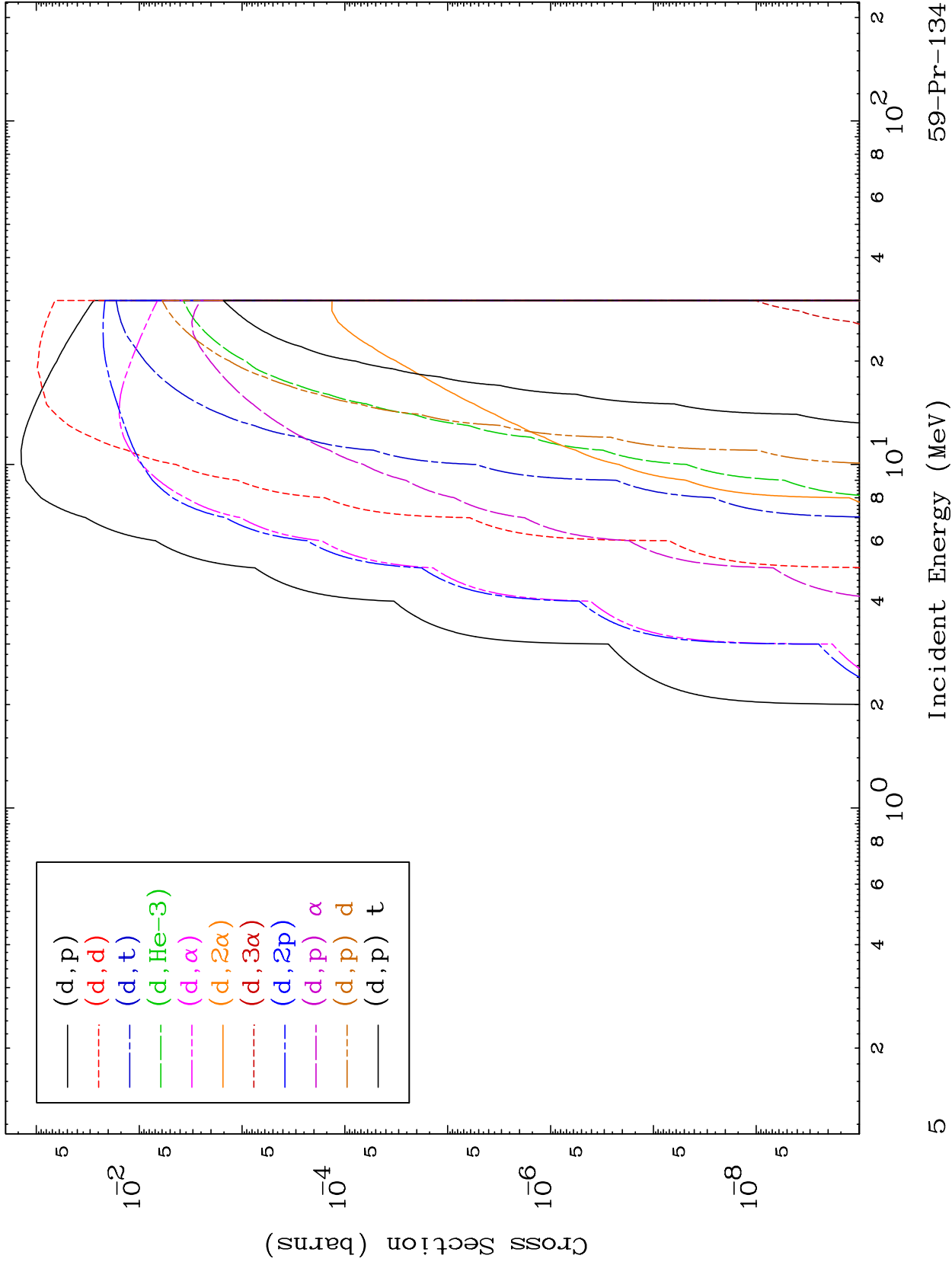


— Deuteron Inelastic  
- - - (d, remainder)  
- · - (d, γ)

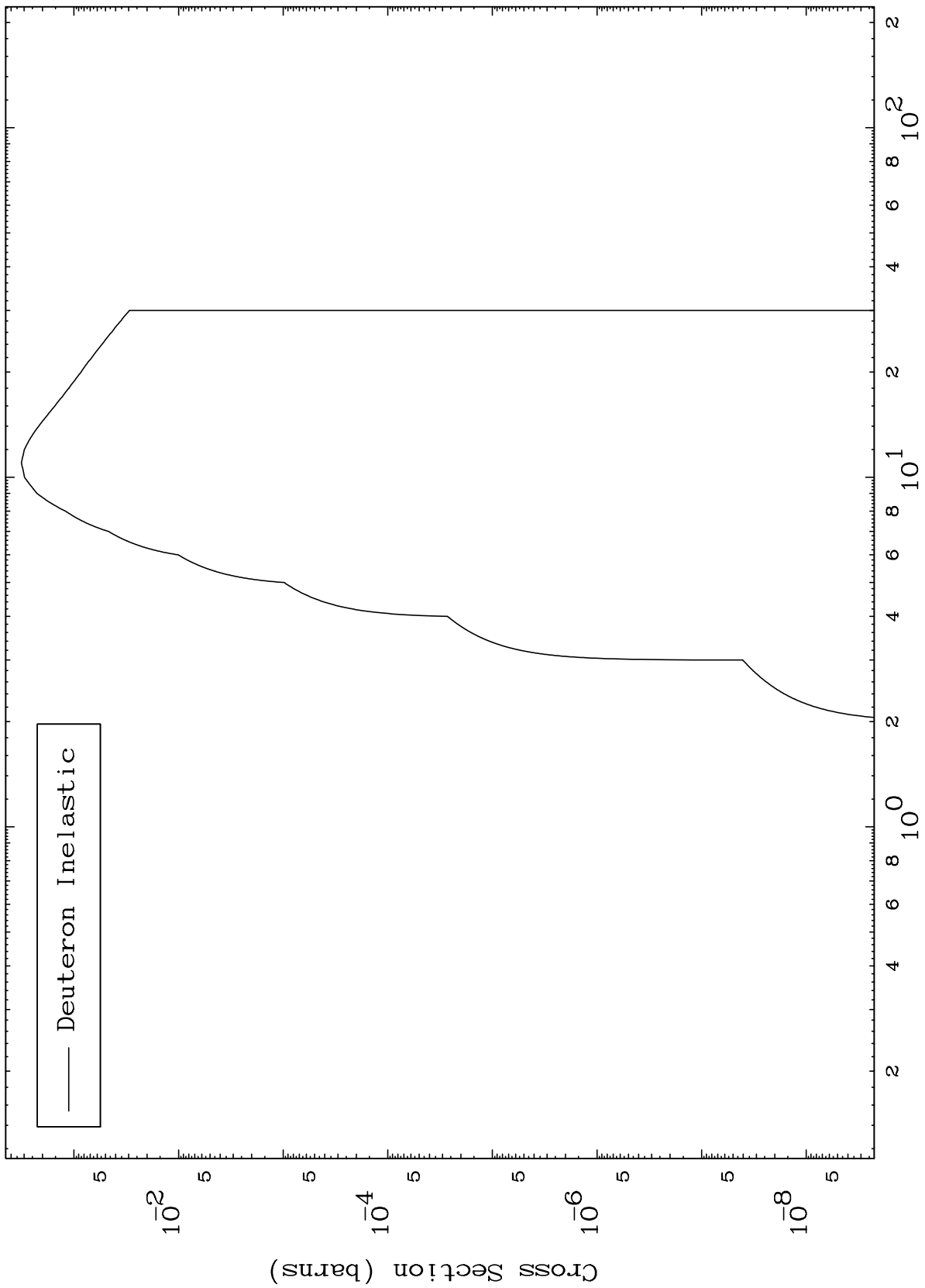








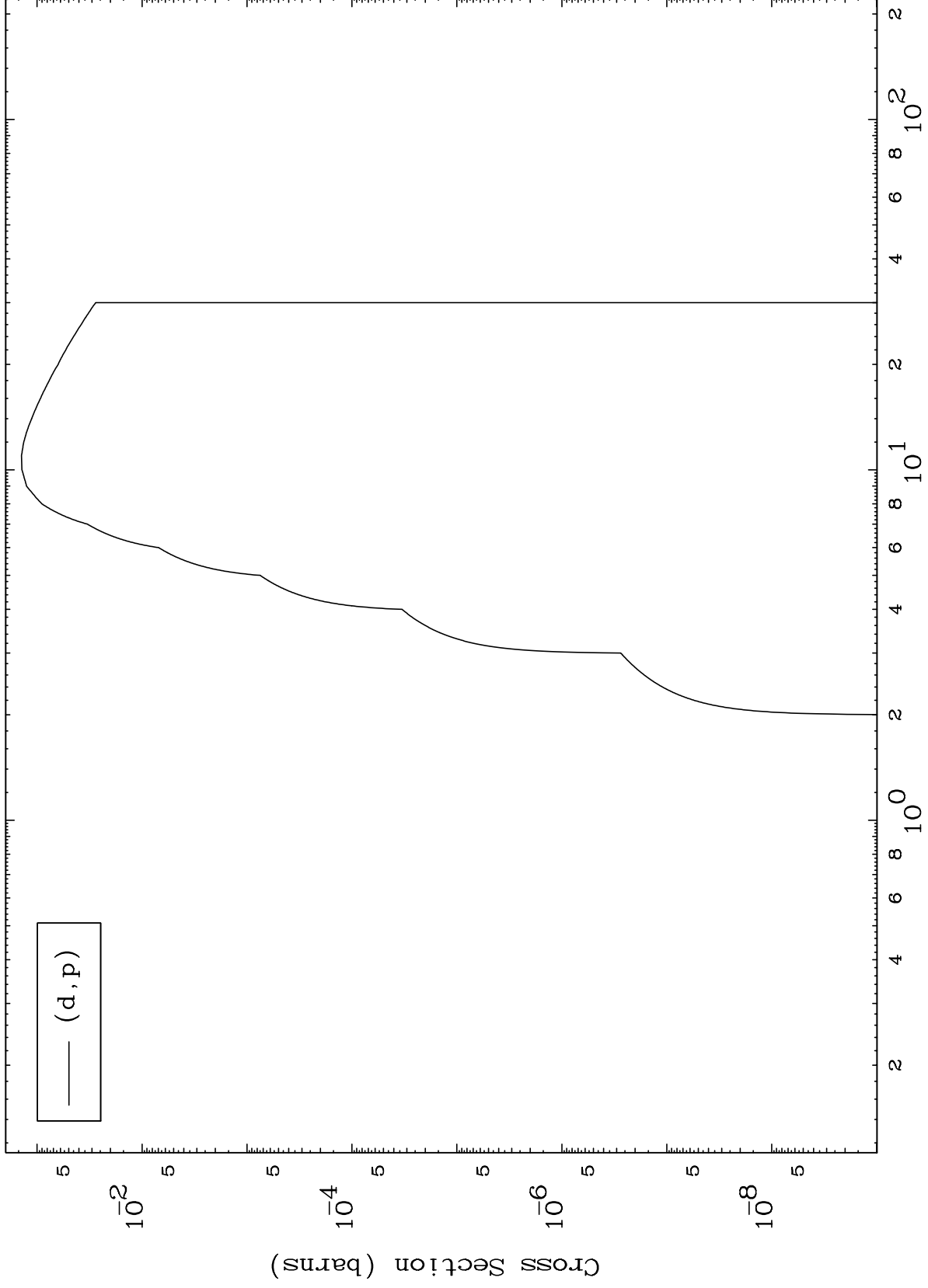
(d,n') Level  
0 Kelvin Cross Sections



MAT 5905

(d,p) Levels  
0 Kelvin Cross Sections

59-Pr-134



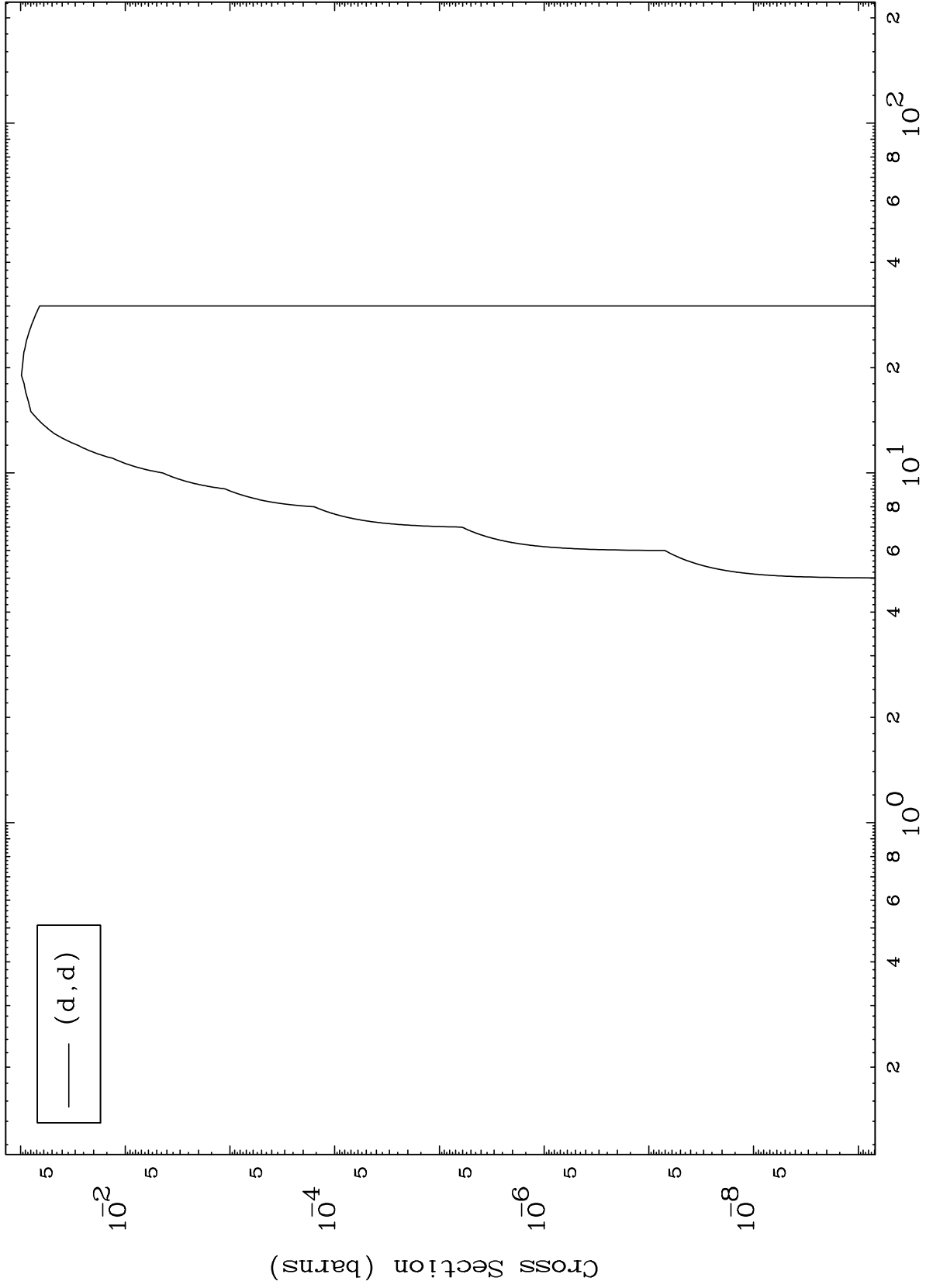


MAT 5905

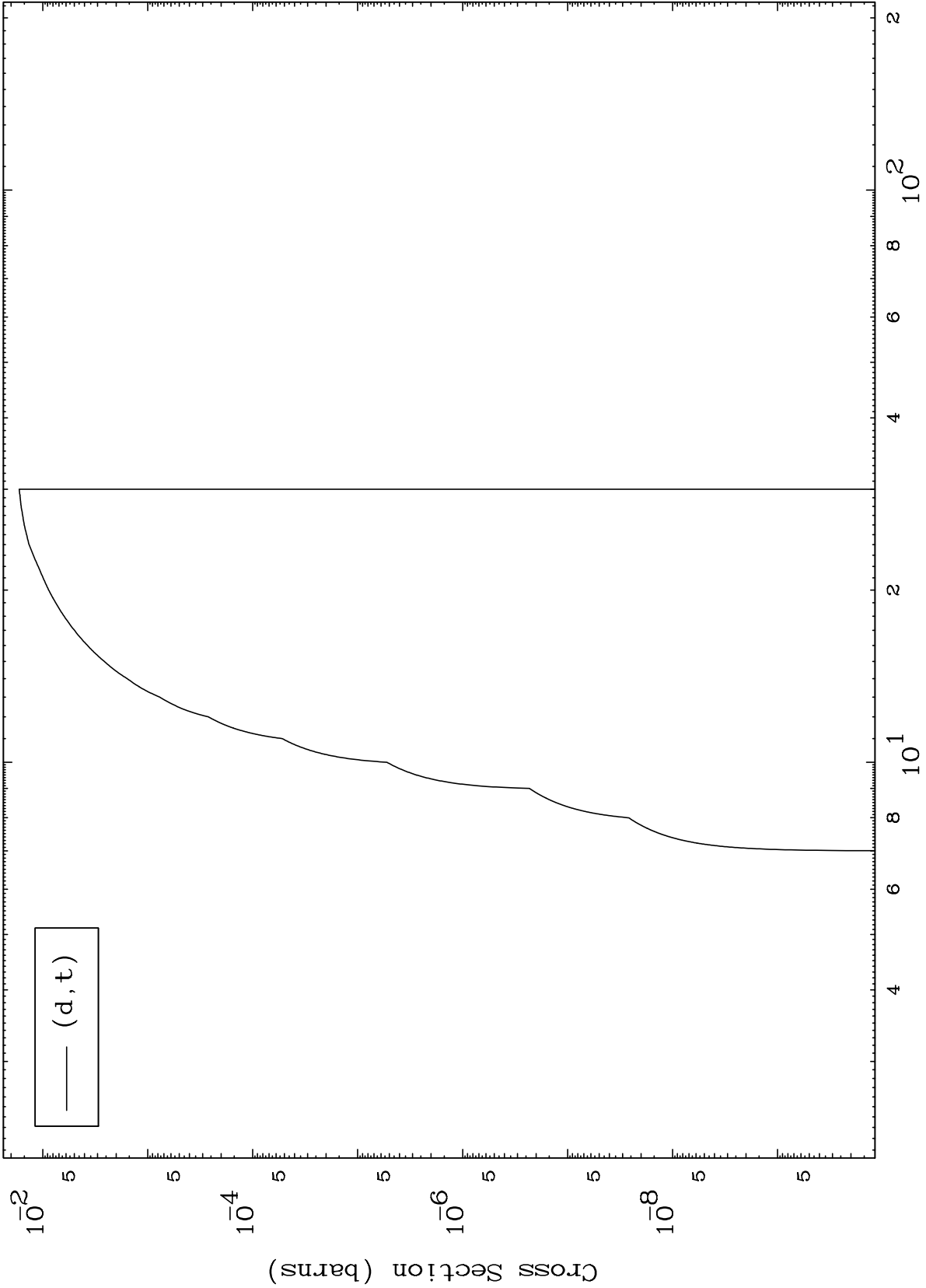
(d,d) Levels

59-Pr-134

0 Kelvin Cross Sections



(d,t) Levels  
0 Kelvin Cross Sections

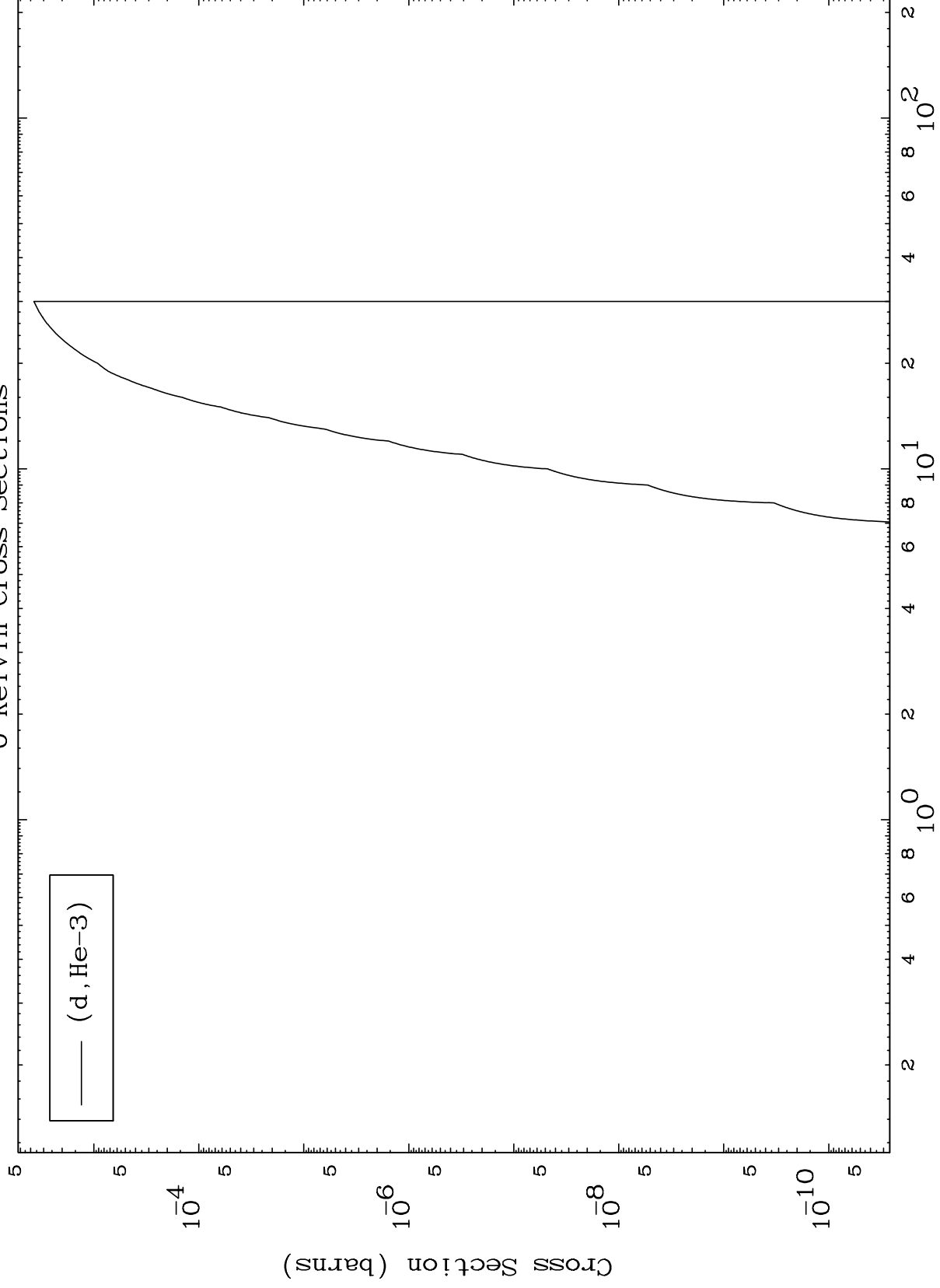


MAT 5905

(d,He3) Levels

59-Pr-134

0 Kelvin Cross Sections



10

Incident Energy (MeV)

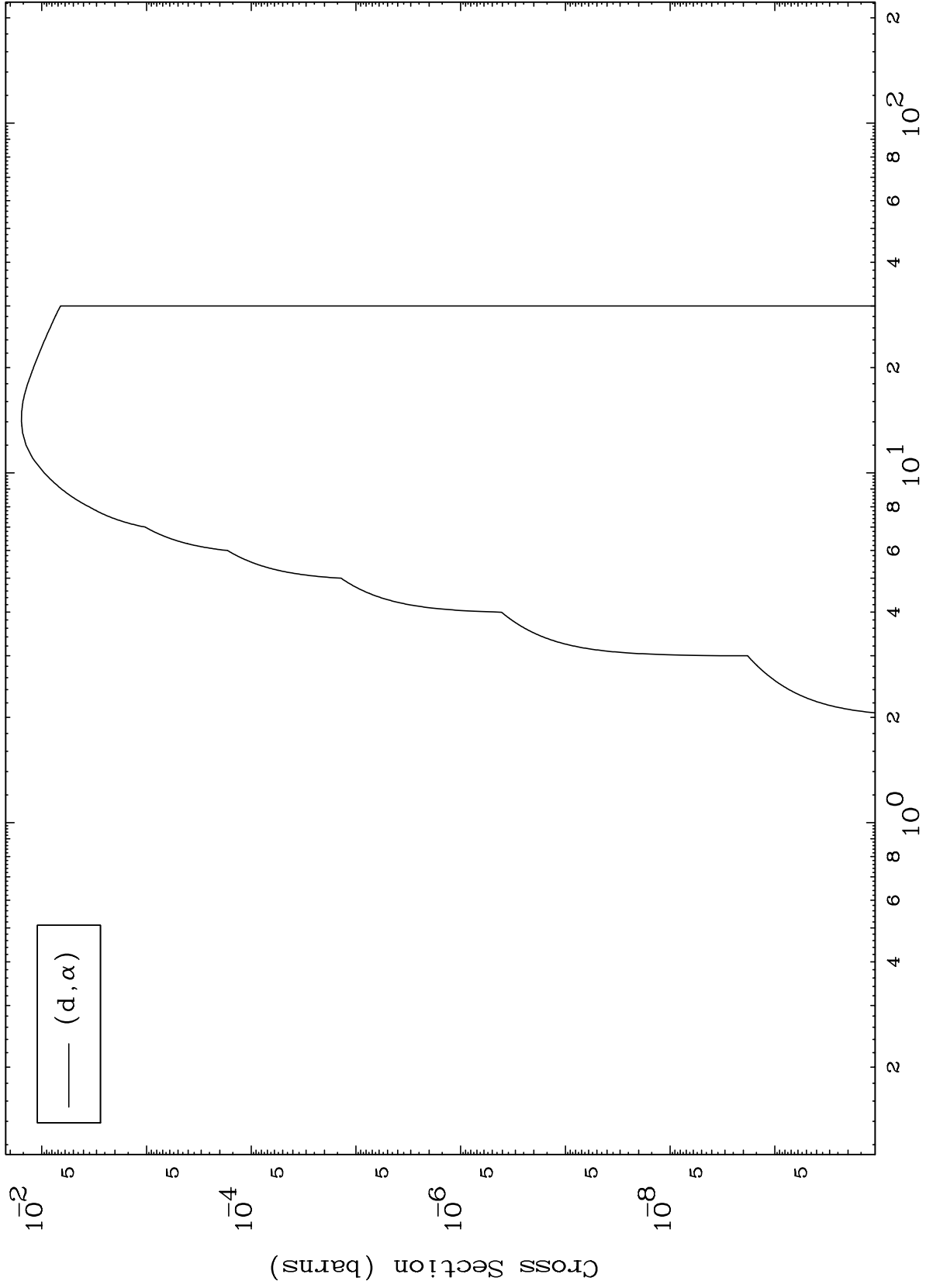
59-Pr-134

MAT 5905

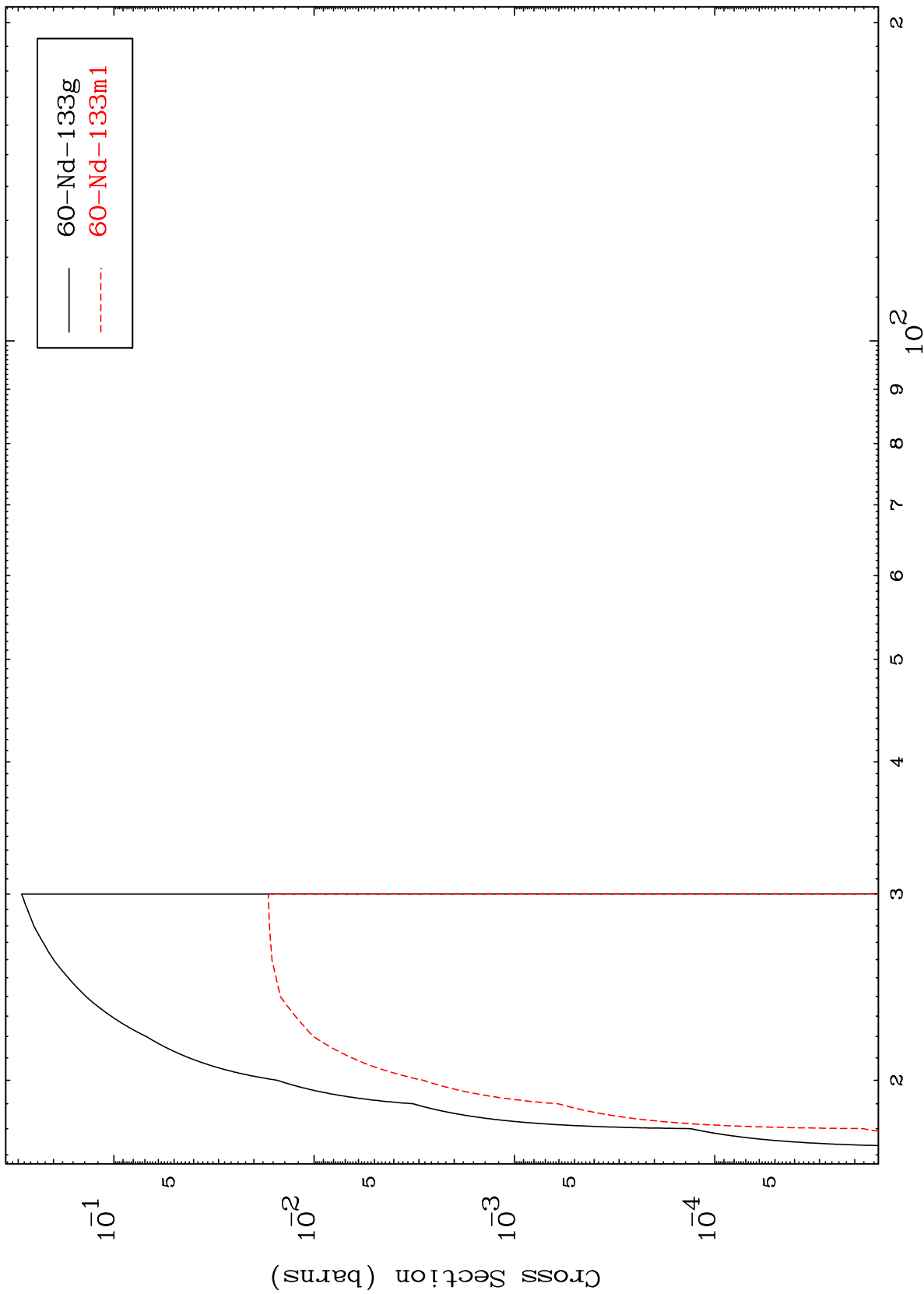
(d,  $\alpha$ ) Levels

59-Pr-134

0 Kelvin Cross Sections



(d,3n)  
Radionuclide Production Cross Section

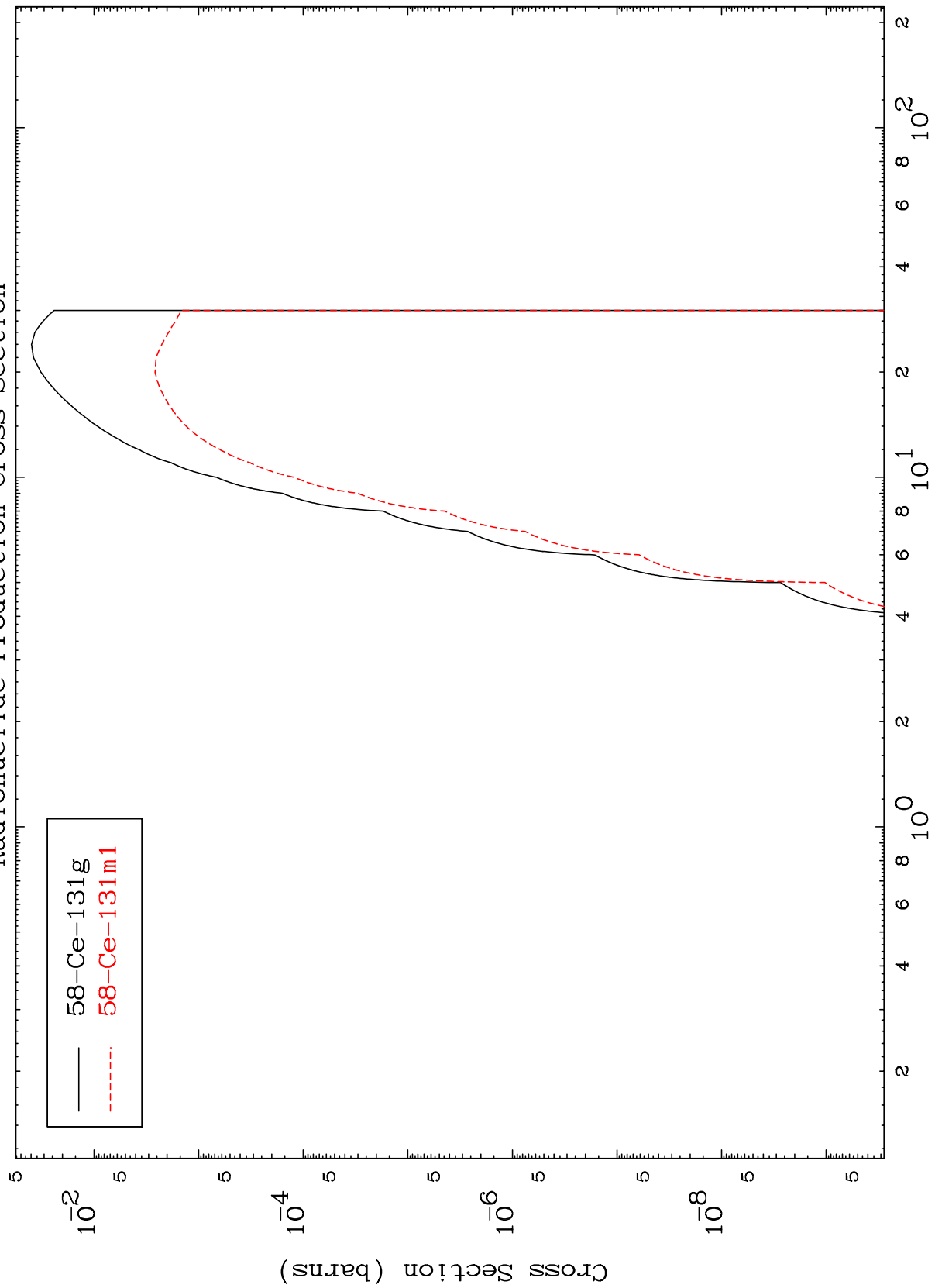


MAT 5905

(d,n')  $\alpha$

59-Pr-134

Radionuclide Production Cross Section

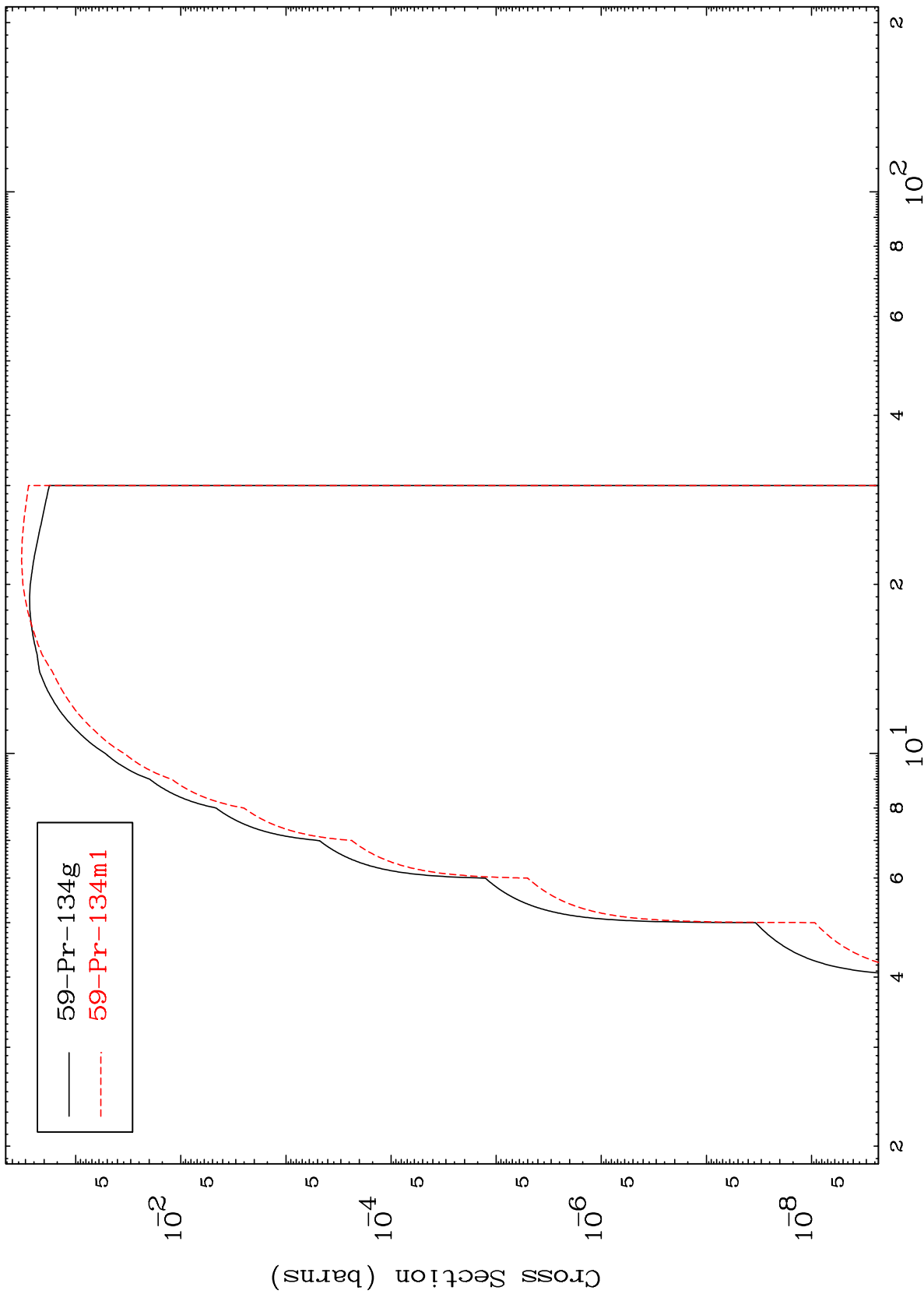


— 58-Ce-131g  
- - - 58-Ce-131m1

MAT 5905

59-Pr-134

(d,n') p  
Radionuclide Production Cross Section



59-Pr-134

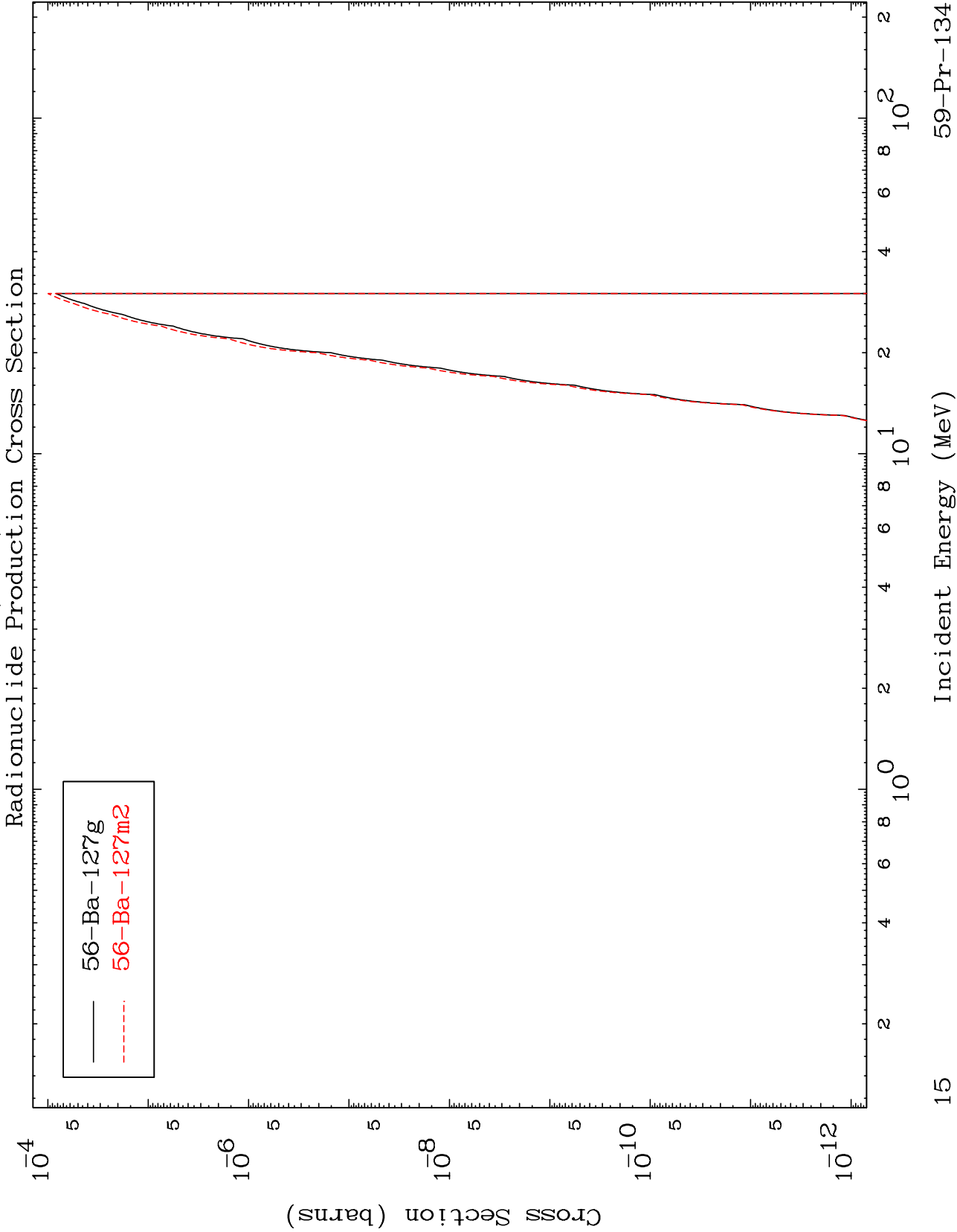
Incident Energy (MeV)

14

MAT 5905

(d,n') 2α

59-Pr-134



15

59-Pr-134

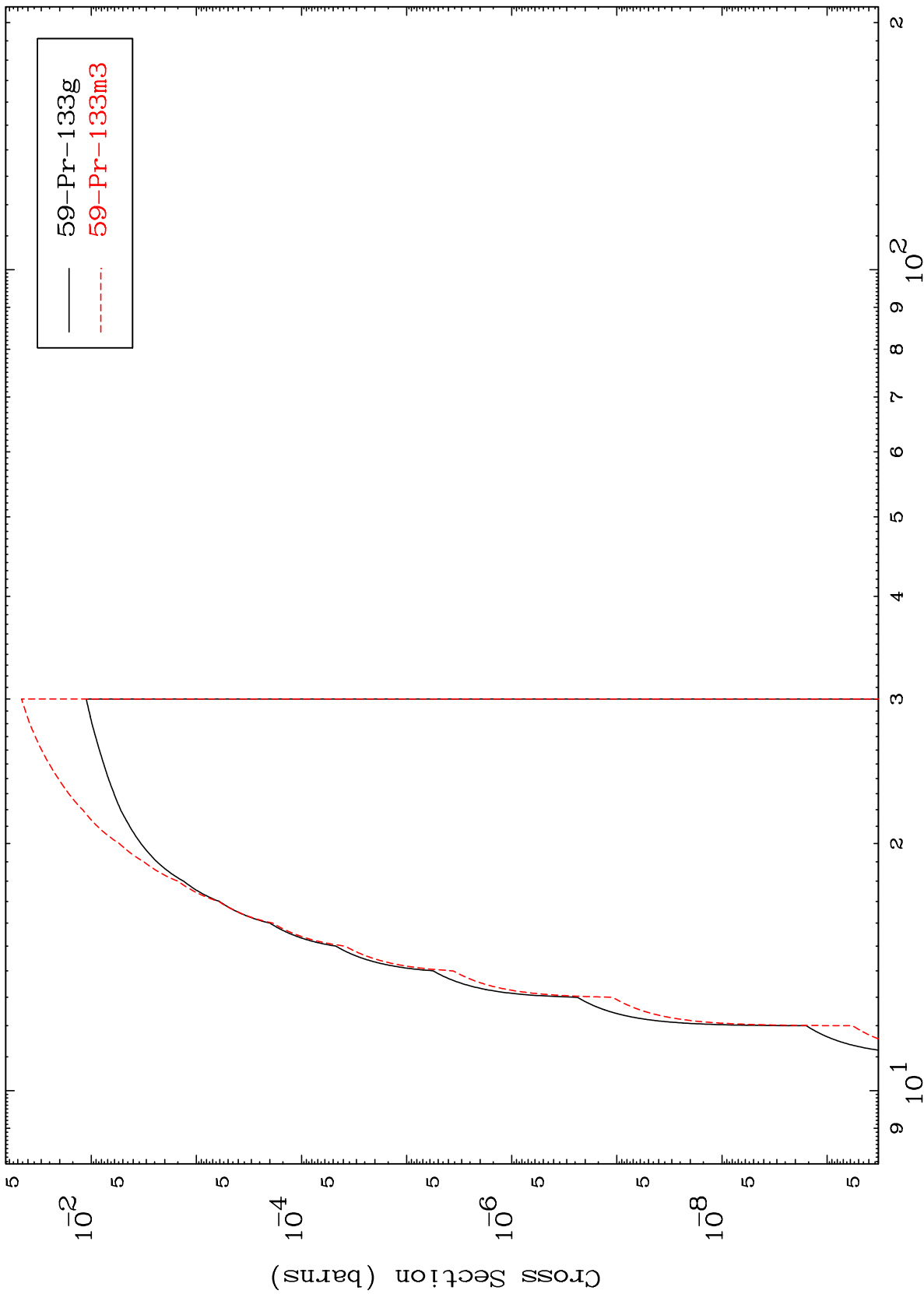


MAT 5905

59-Pr-134

(d,n') d

Radionuclide Production Cross Section



59-Pr-134

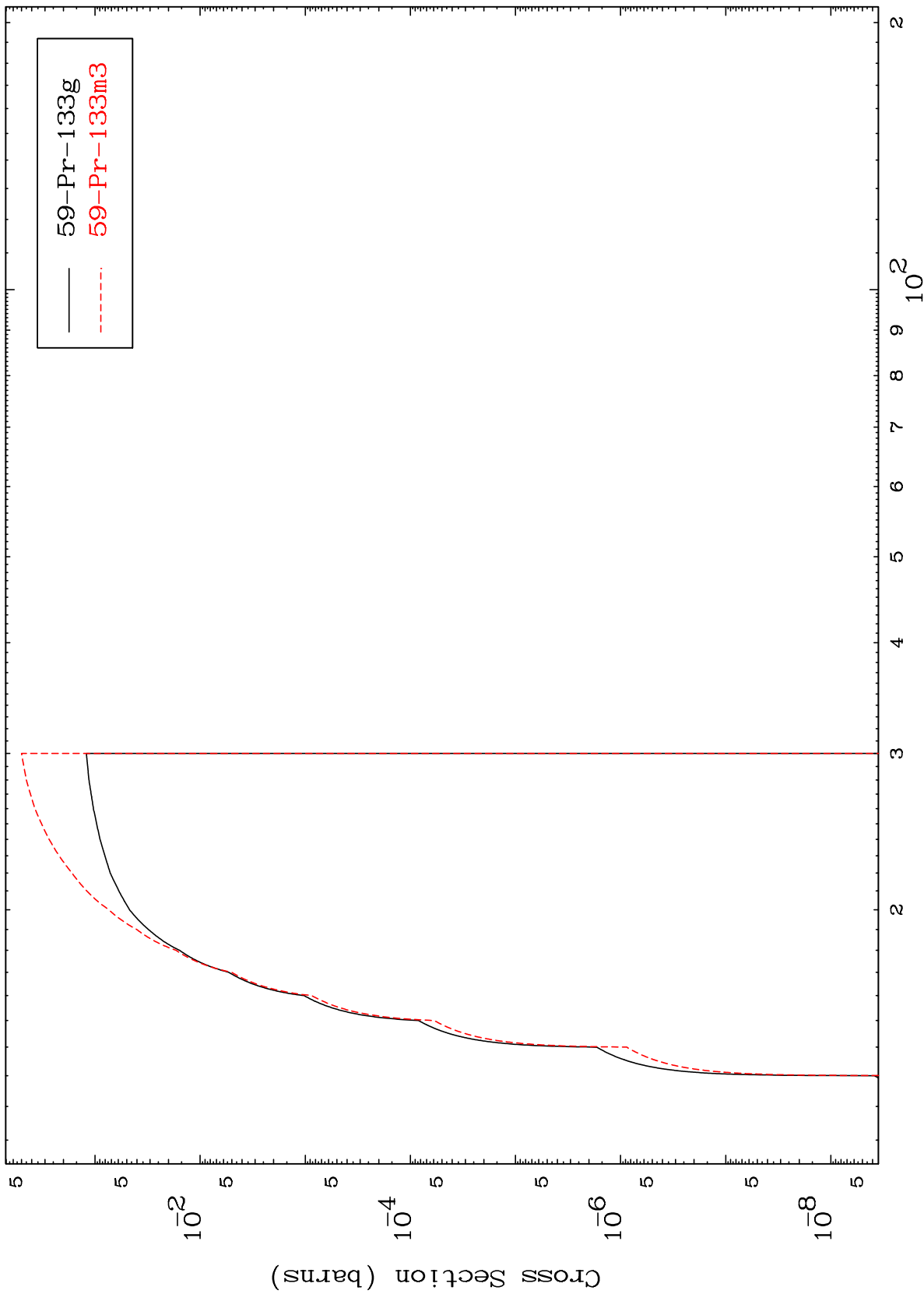
Incident Energy (MeV)

16

MAT 5905

59-Pr-134

(d,2n) p  
Radionuclide Production Cross Section



59-Pr-134

Incident Energy (MeV)

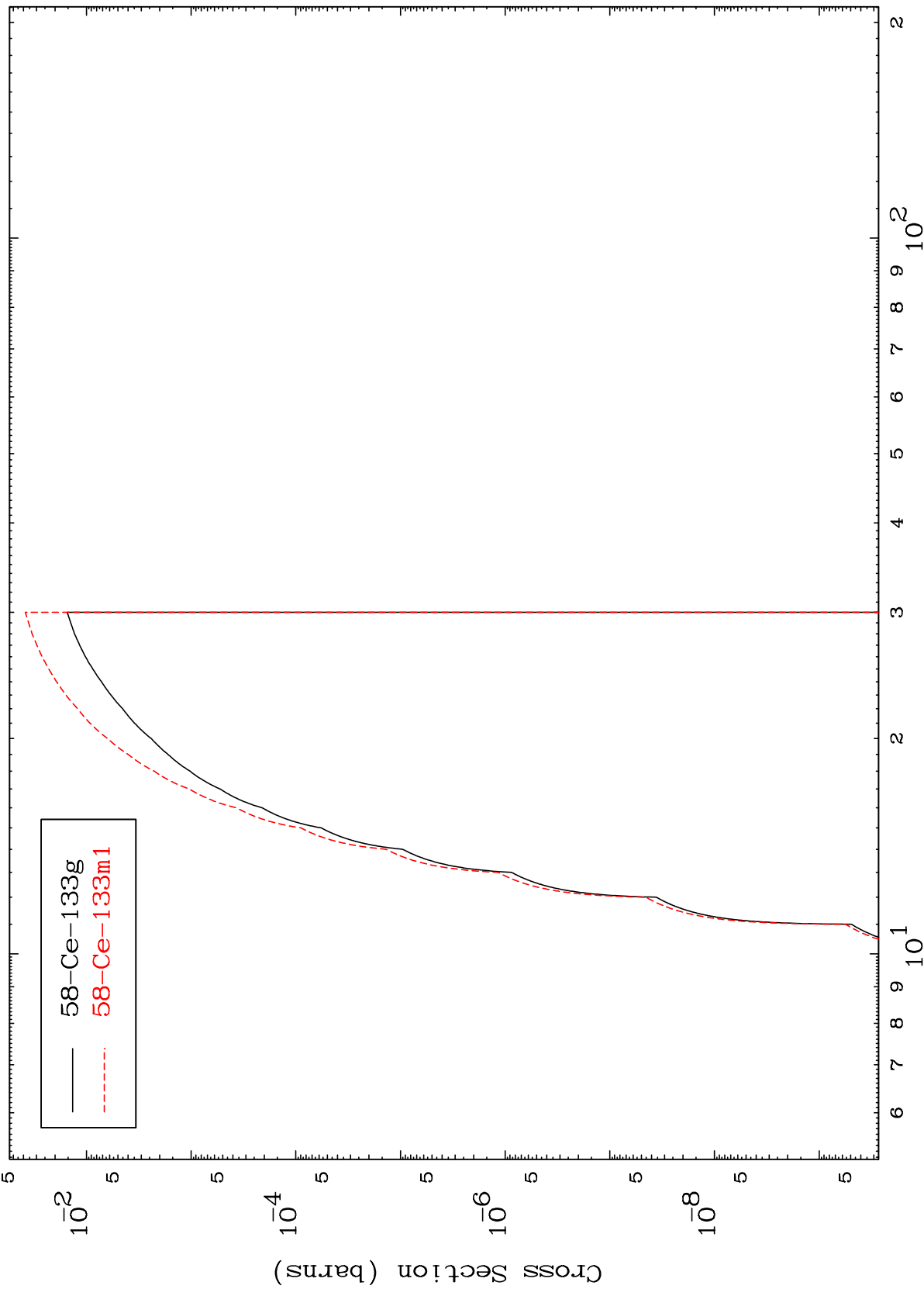
17

MAT 5905

(d,2n) p

59-Pr-134

Radionuclide Production Cross Section



58-Ce-133g  
58-Ce-133m1

18

Incident Energy (MeV)

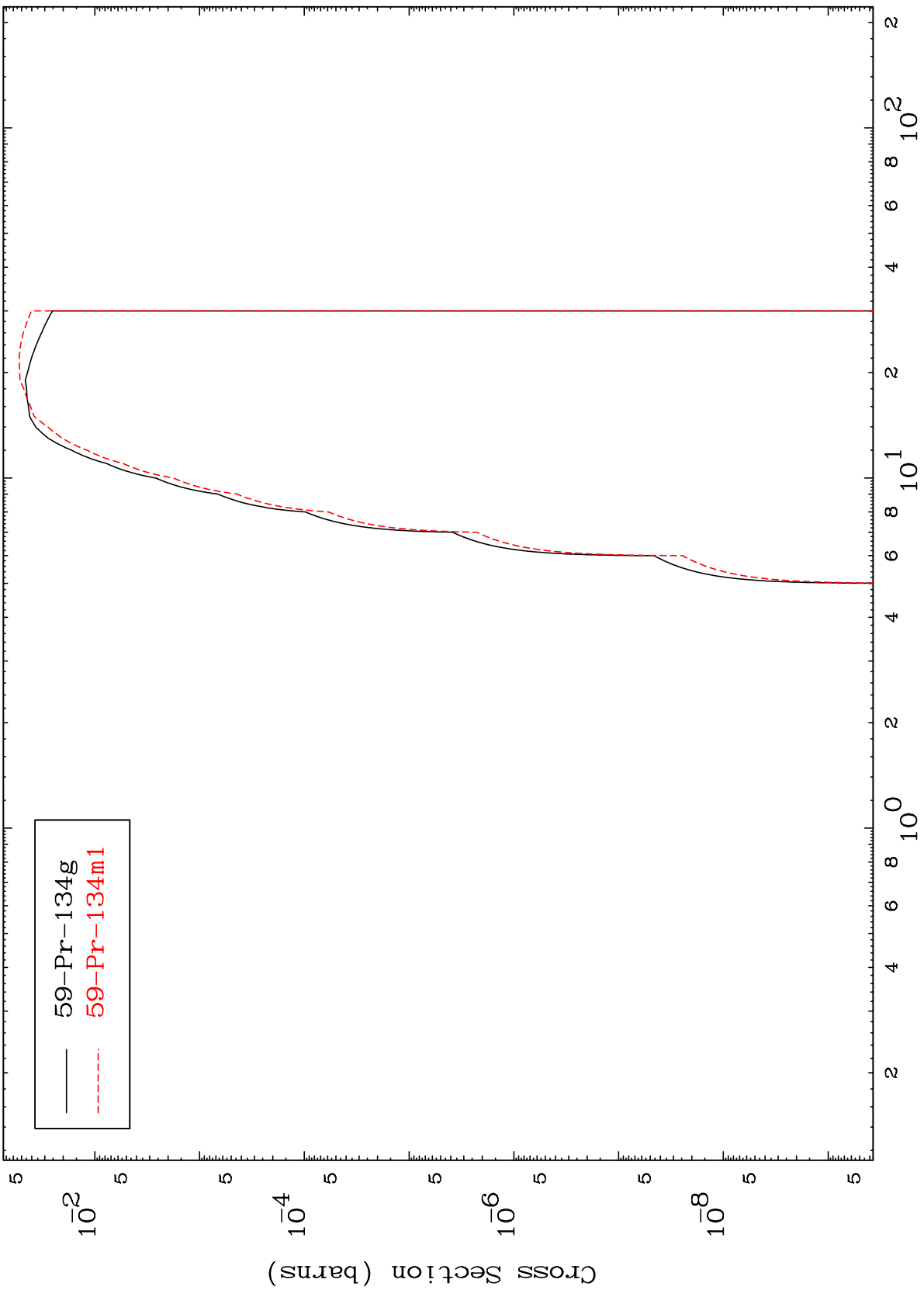
59-Pr-134

MAT 5905

(d, d)

59-Pr-134

Radionuclide Production Cross Section



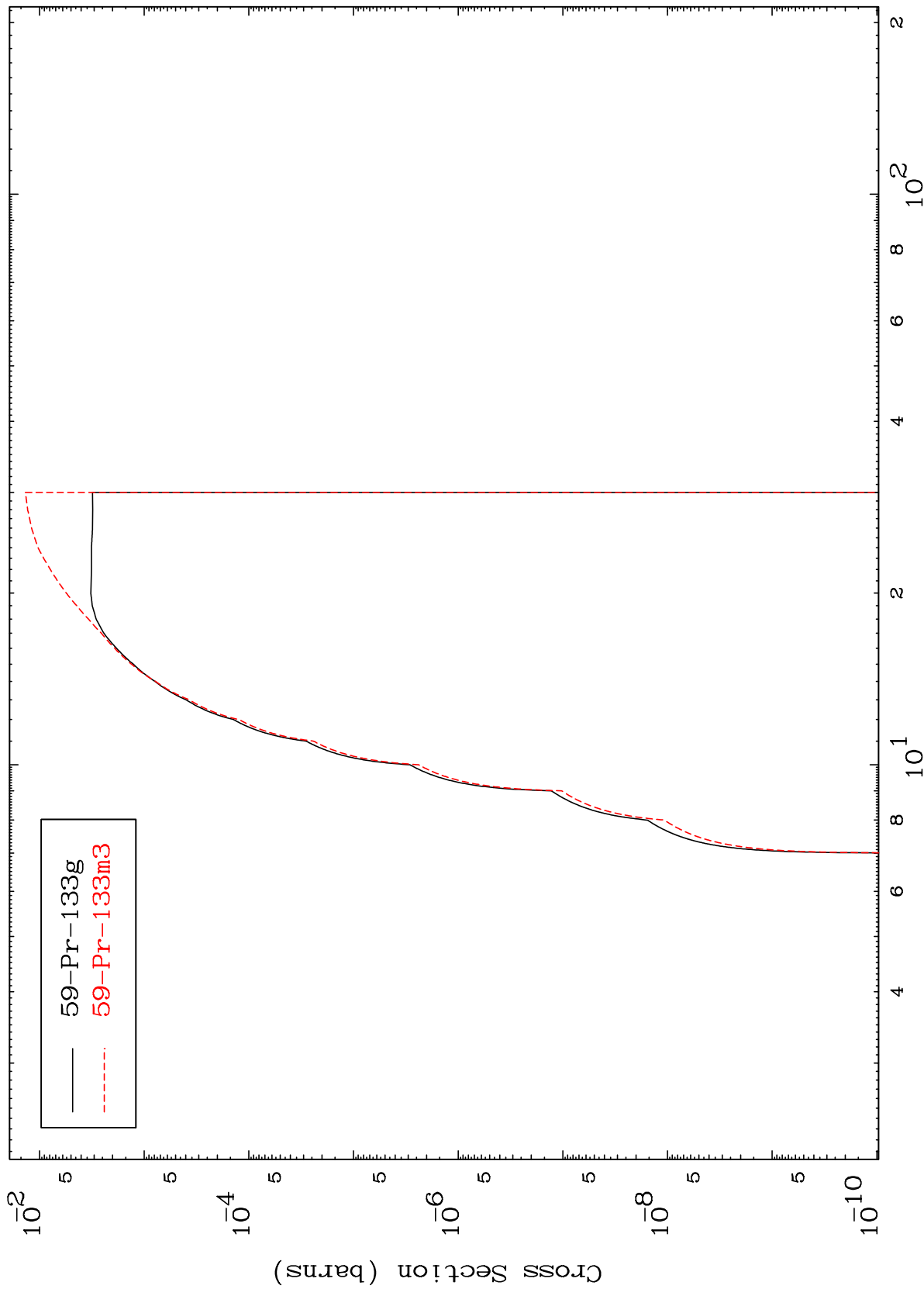
59-Pr-134g  
59-Pr-134m1

MAT 5905

(d, t)

59-Pr-134

Radionuclide Production Cross Section

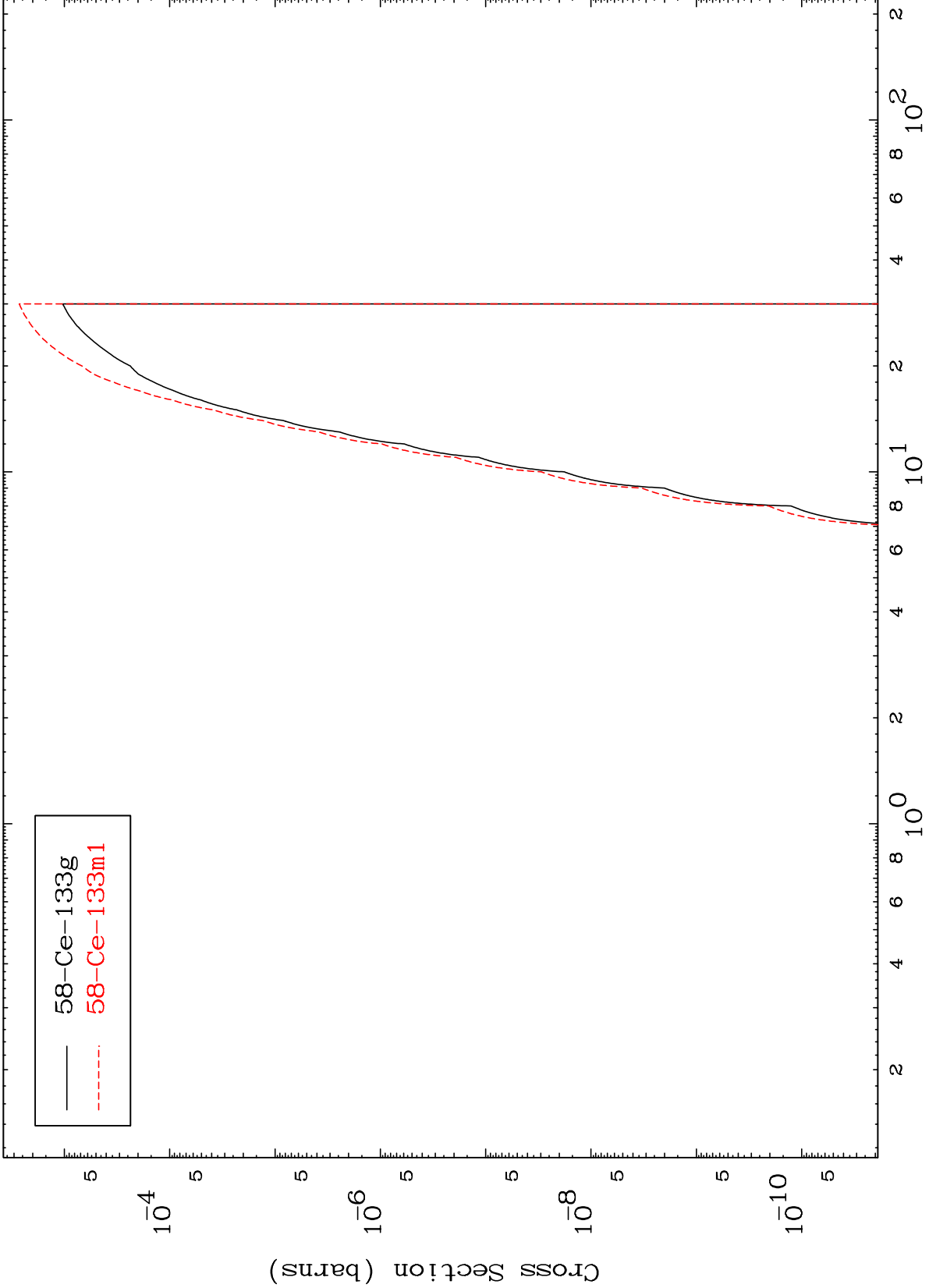


MAT 5905

(d,He-3)

59-Pr-134

Radionuclide Production Cross Section



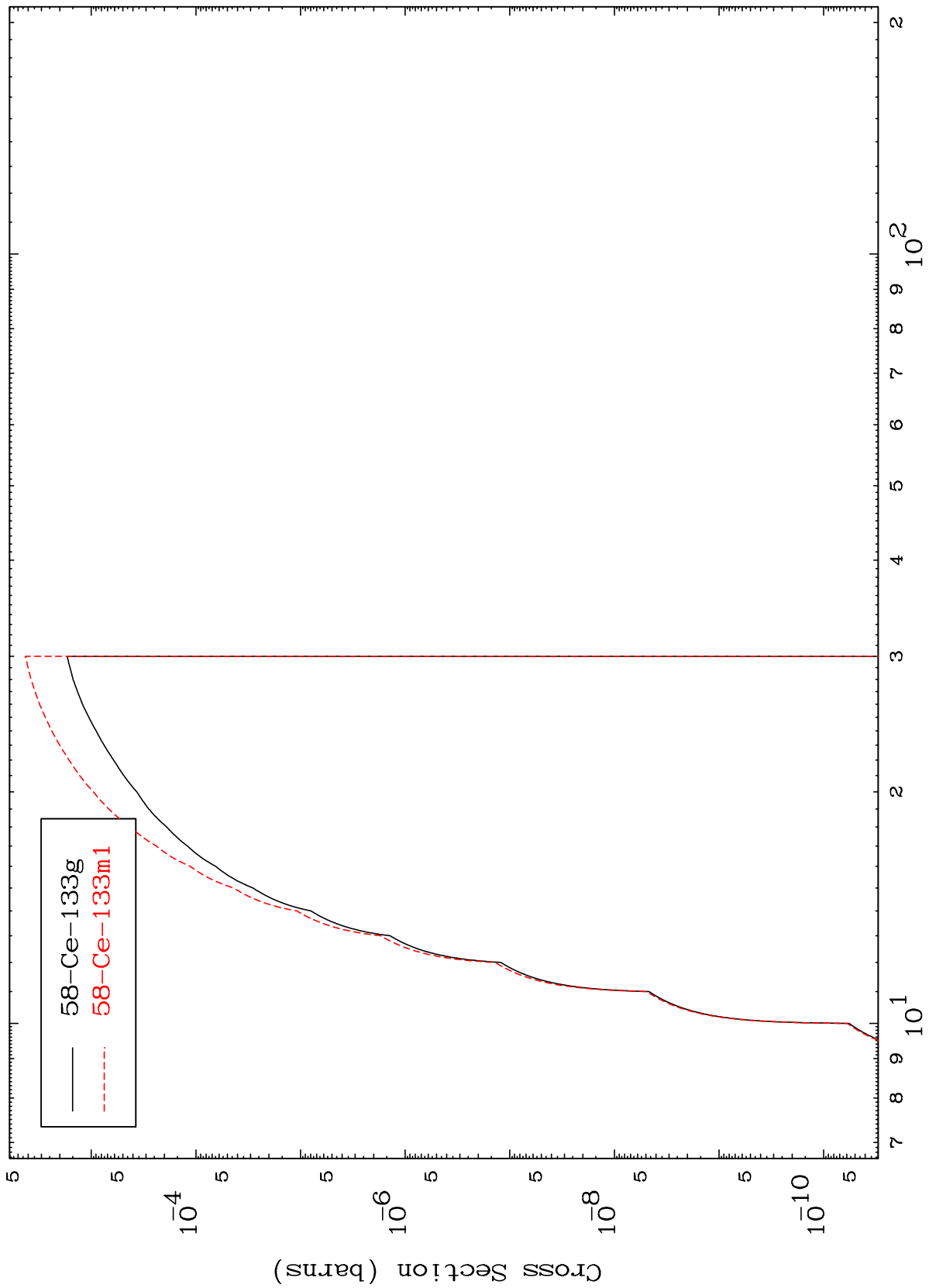
58-Ce-133g  
58-Ce-133m1

MAT 5905

(d,p) d

59-Pr-134

Radionuclide Production Cross Section



22

Incident Energy (MeV)

59-Pr-134