

Program EVALPLOT  
(Version 2018-1)

by

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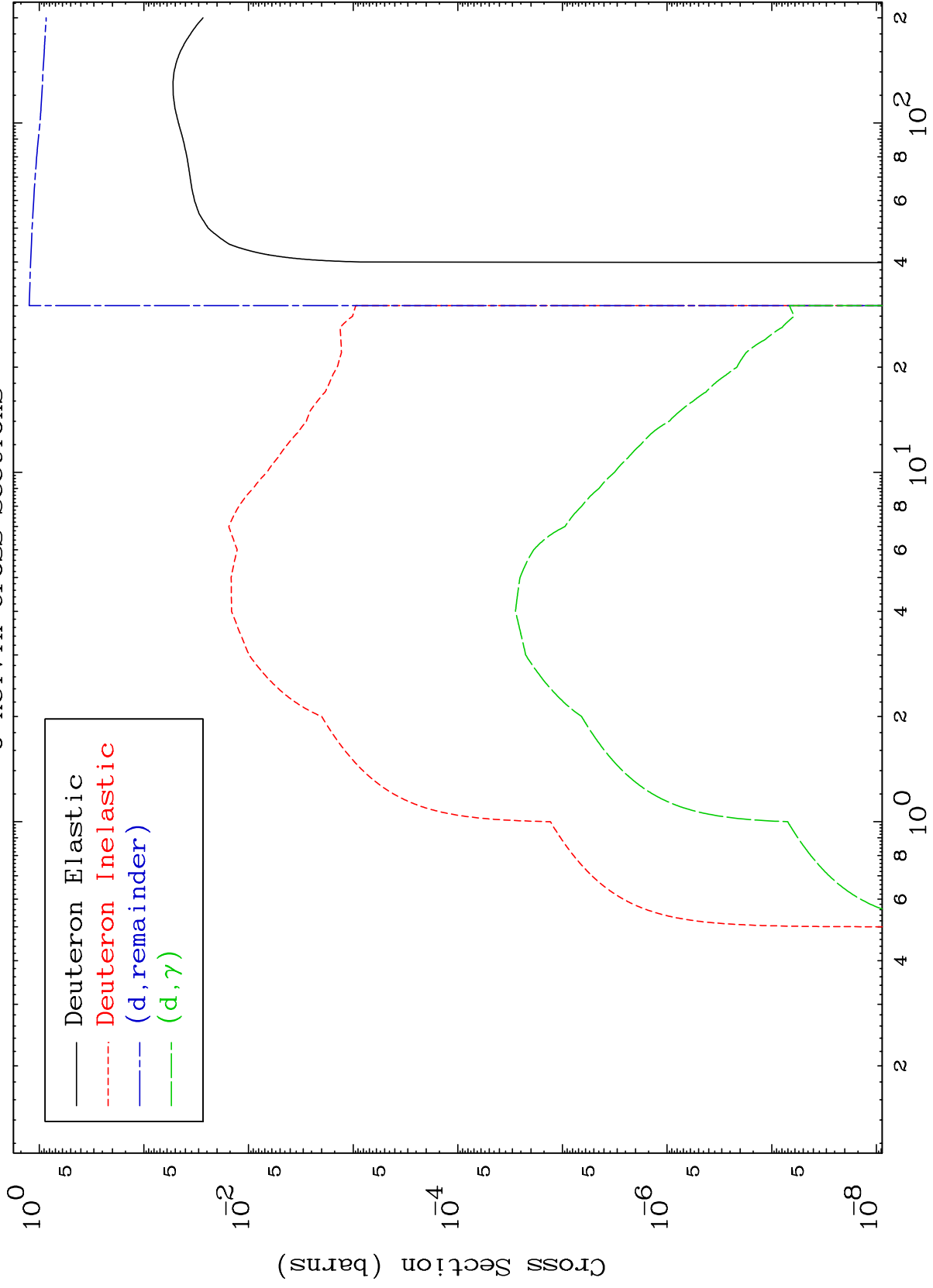
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

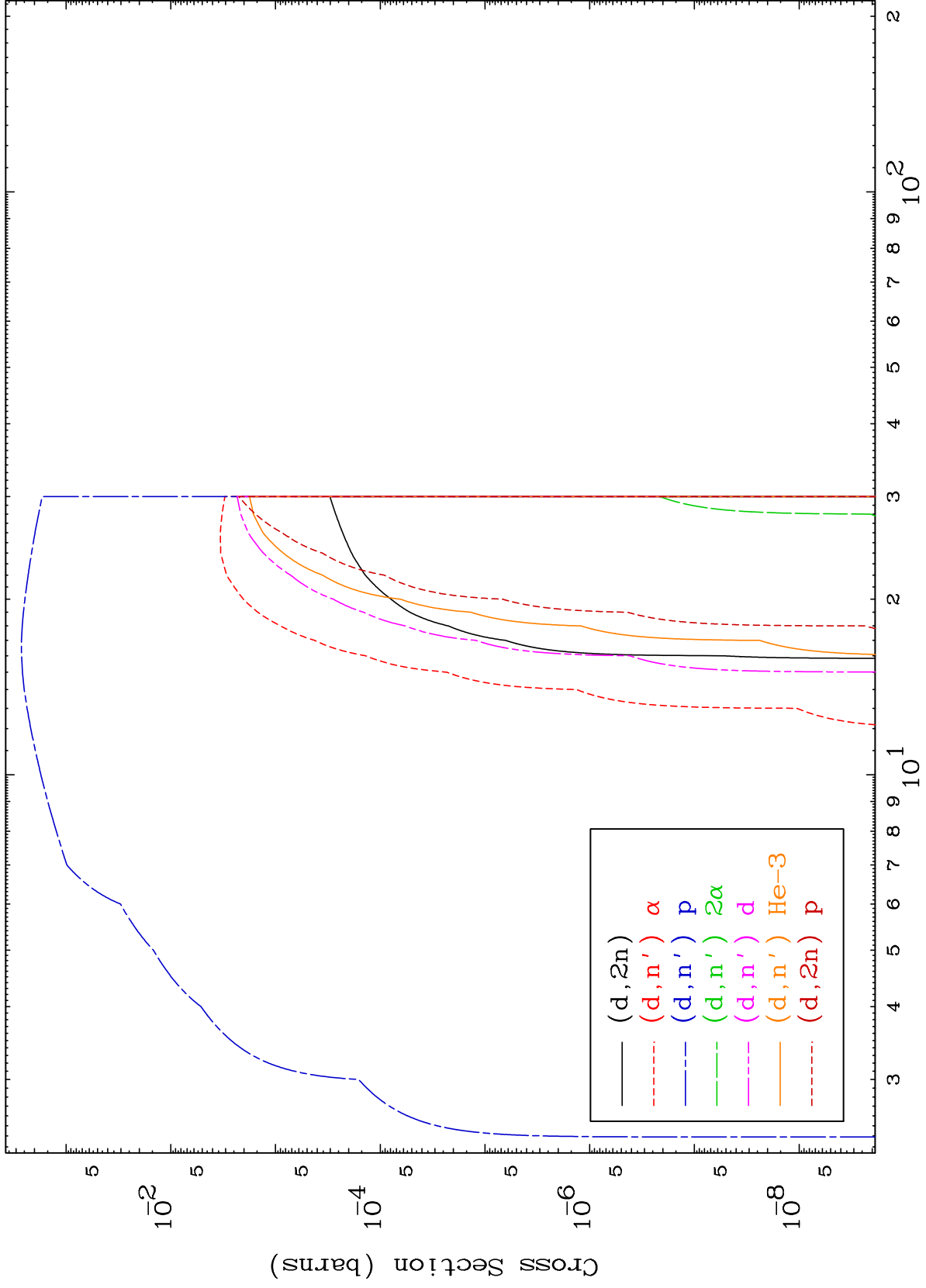
MAT 1422

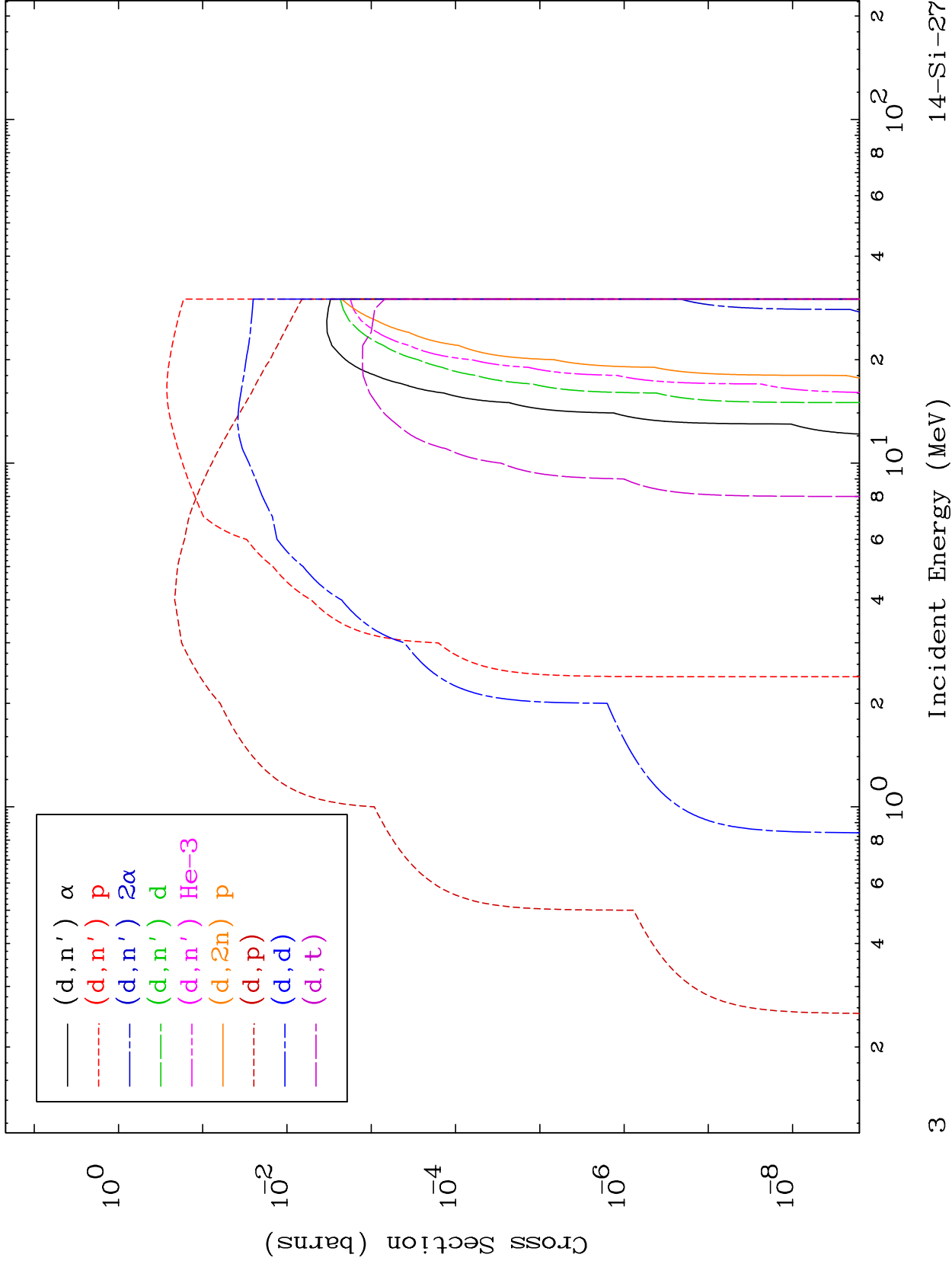
Deuteron Major  
0 Kelvin Cross Sections

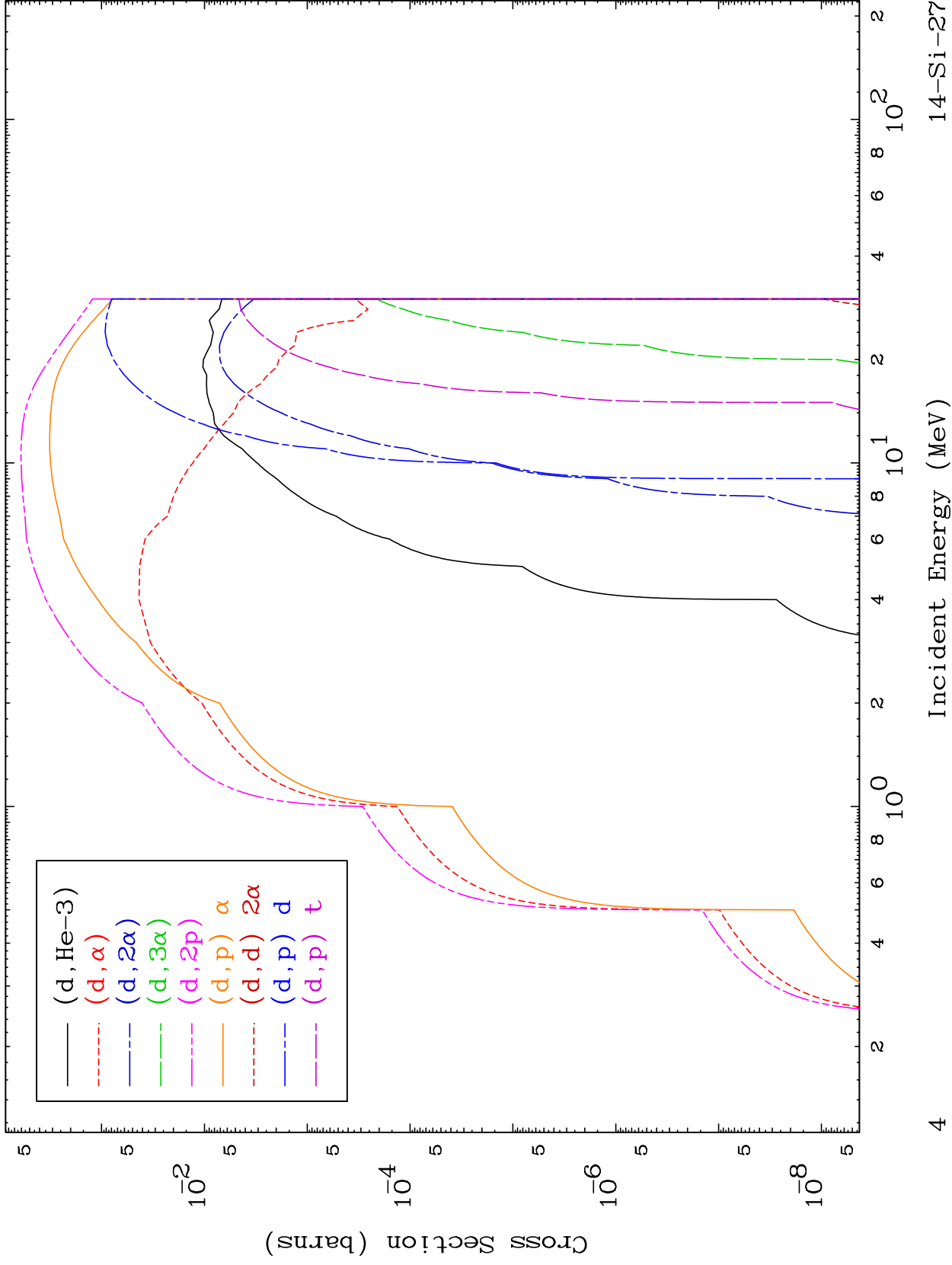
14-Si-27



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





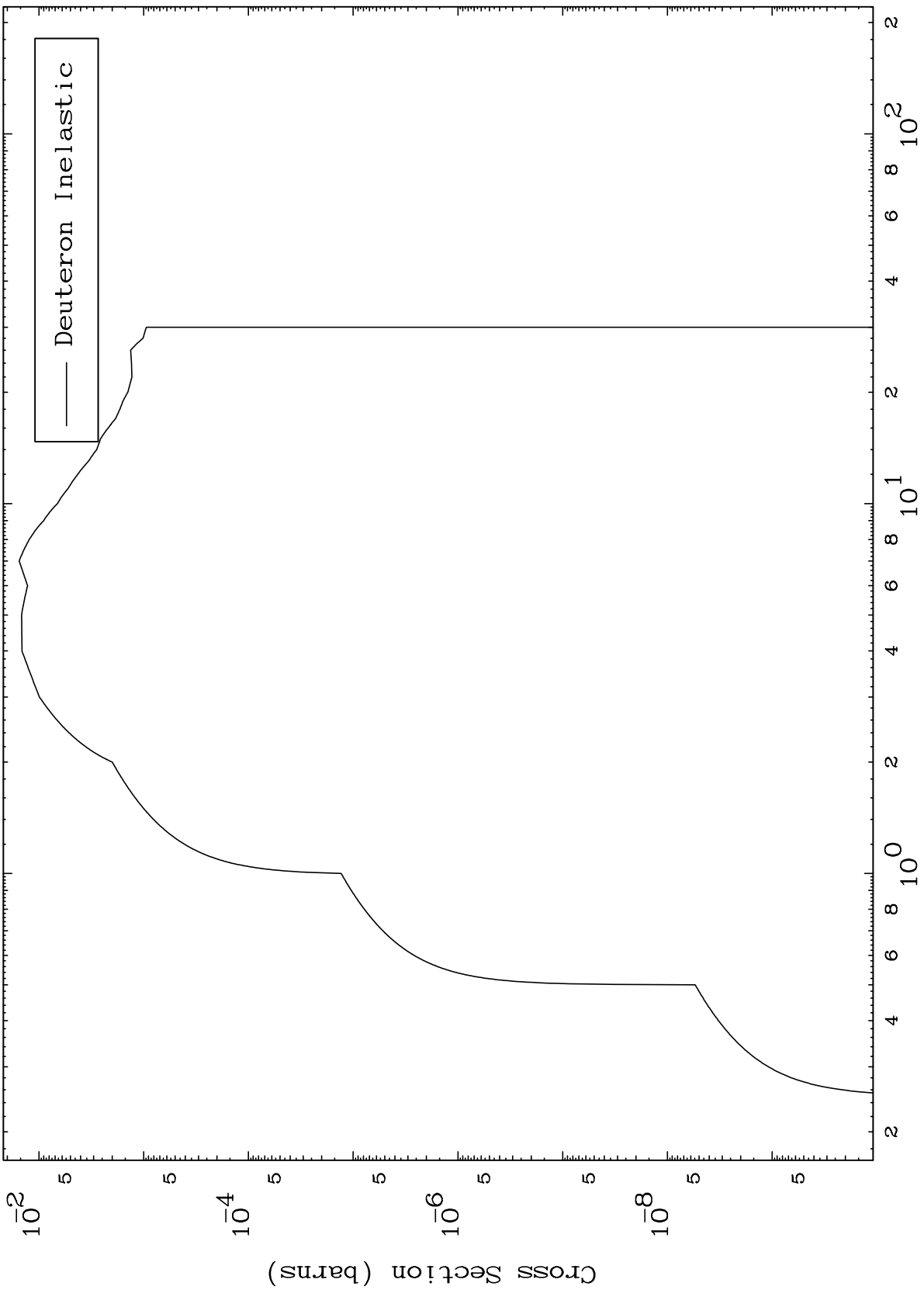


MAT 1422

(d,n') Level

14-Si-27

0 Kelvin Cross Sections



5

Incident Energy (MeV)

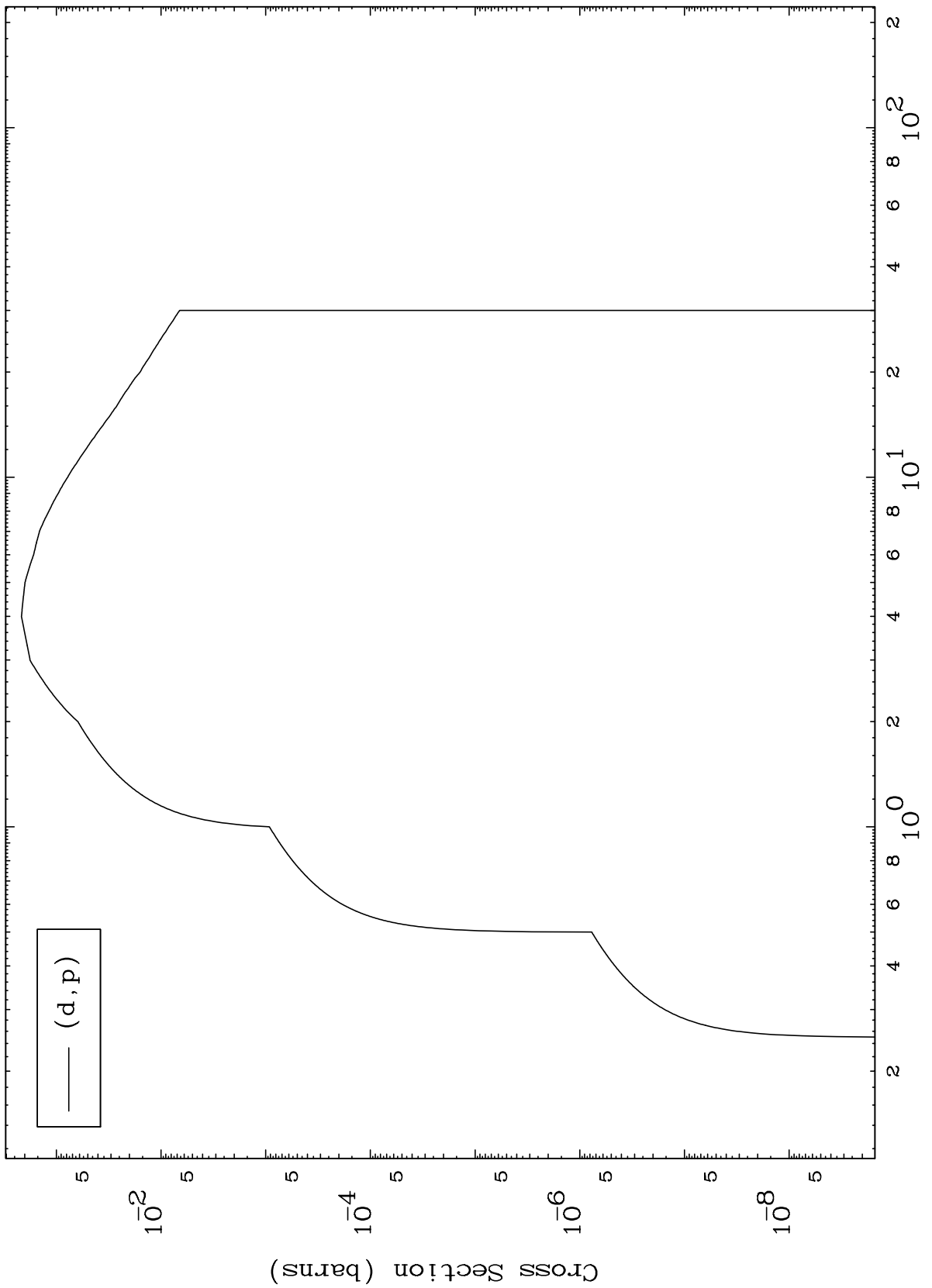
14-Si-27

MAT 1422

(d,p) Levels

14-Si-27

0 Kelvin Cross Sections



(d,p)

Incident Energy (MeV)

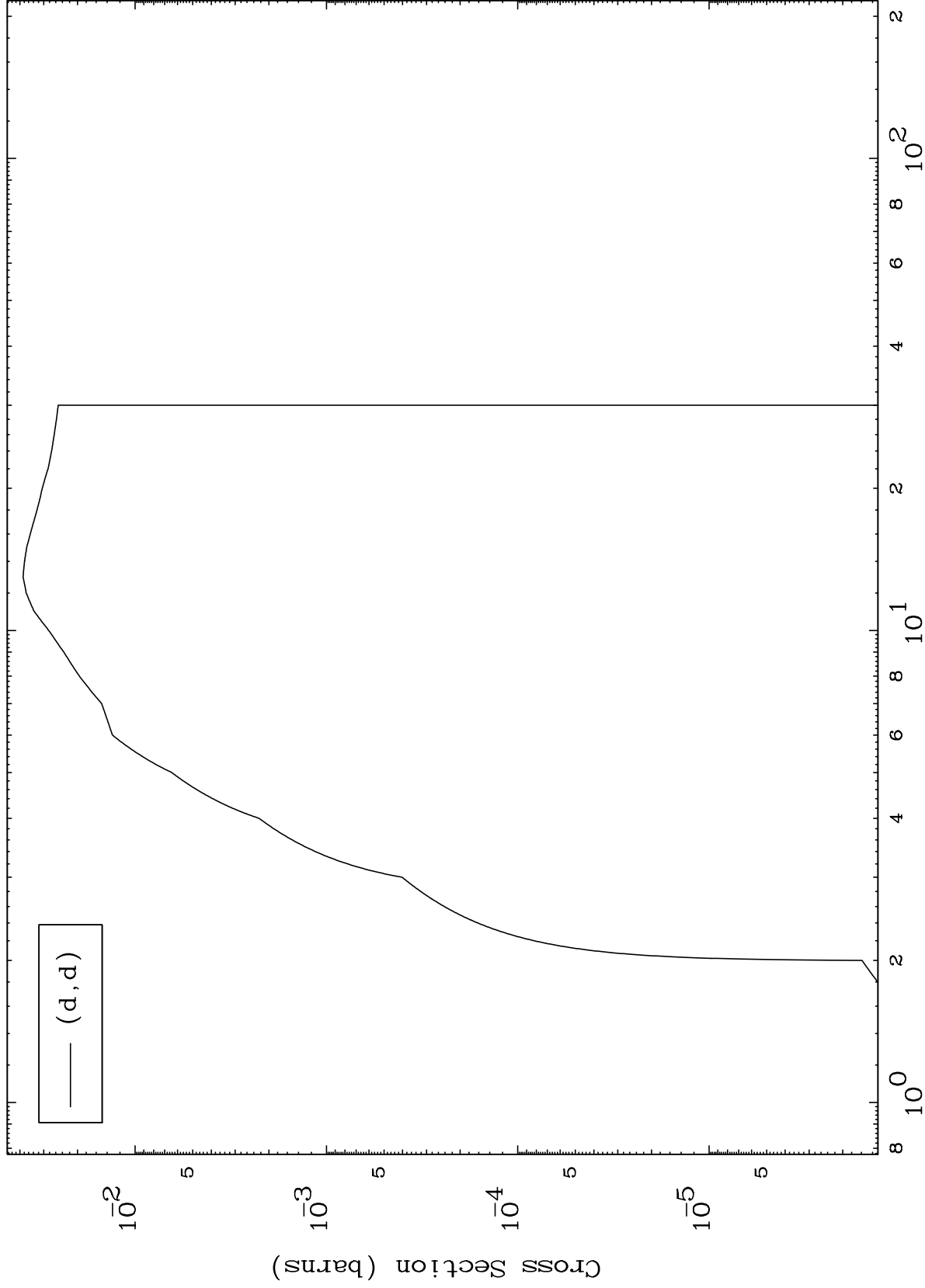
14-Si-27

MAT 1422

(d,d) Levels

14-Si-27

0 Kelvin Cross Sections



Incident Energy (MeV)

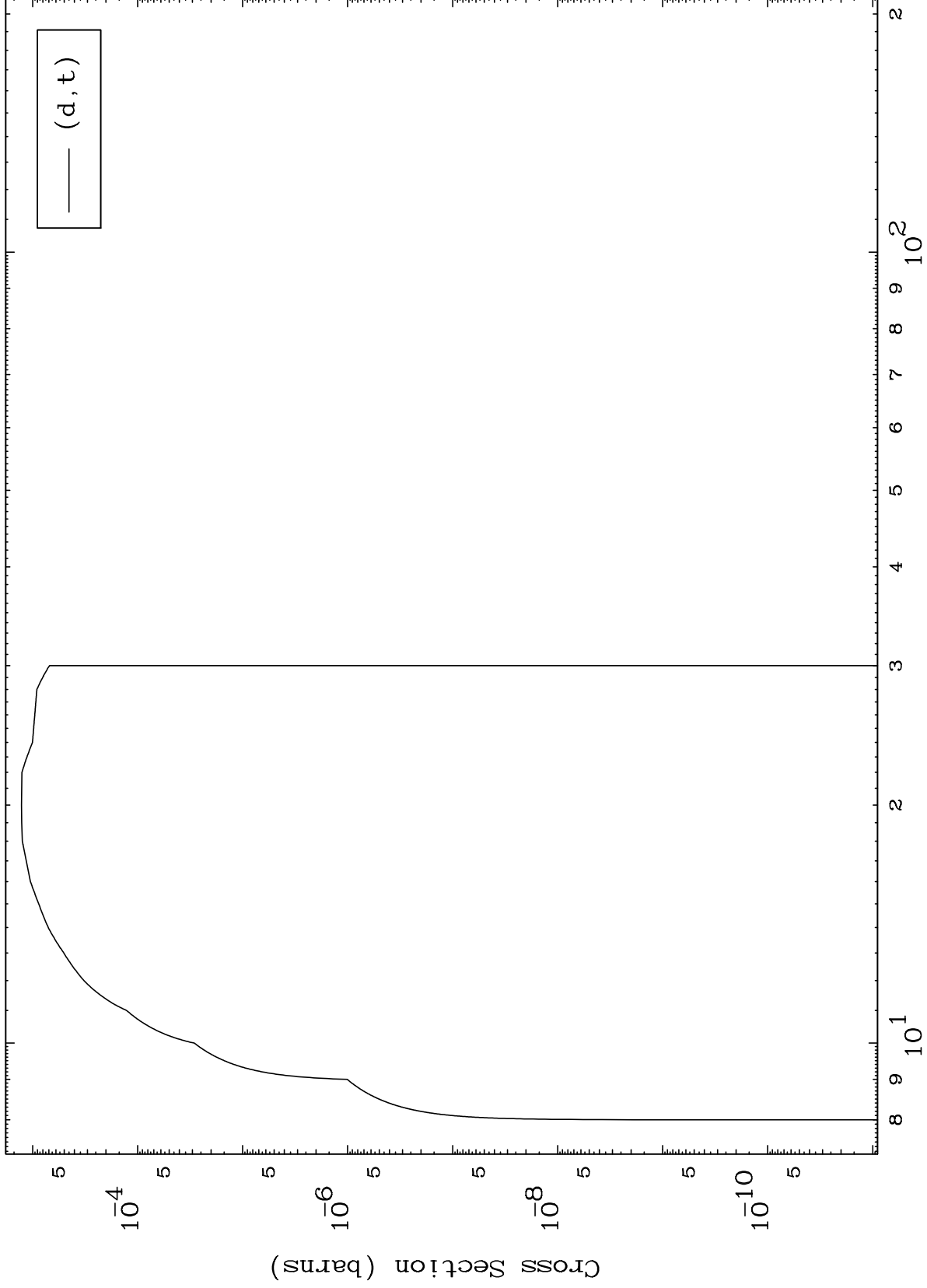
14-Si-27



MAT 1422

(d,t) Levels  
0 Kelvin Cross Sections

<sup>14</sup>Si-27



8

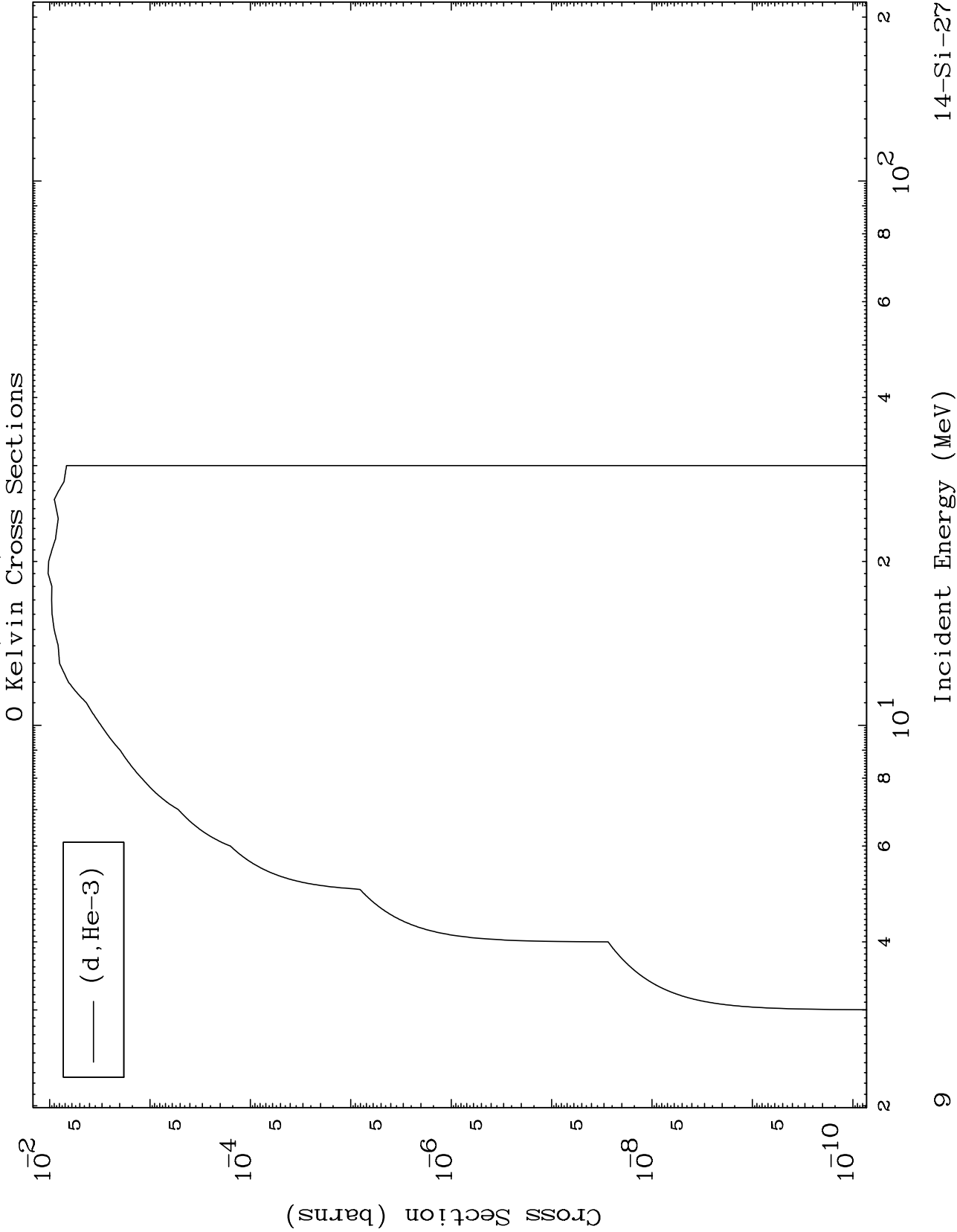
Incident Energy (MeV)

<sup>14</sup>Si-27

MAT 1422

(d,He3) Levels

14-Si-27

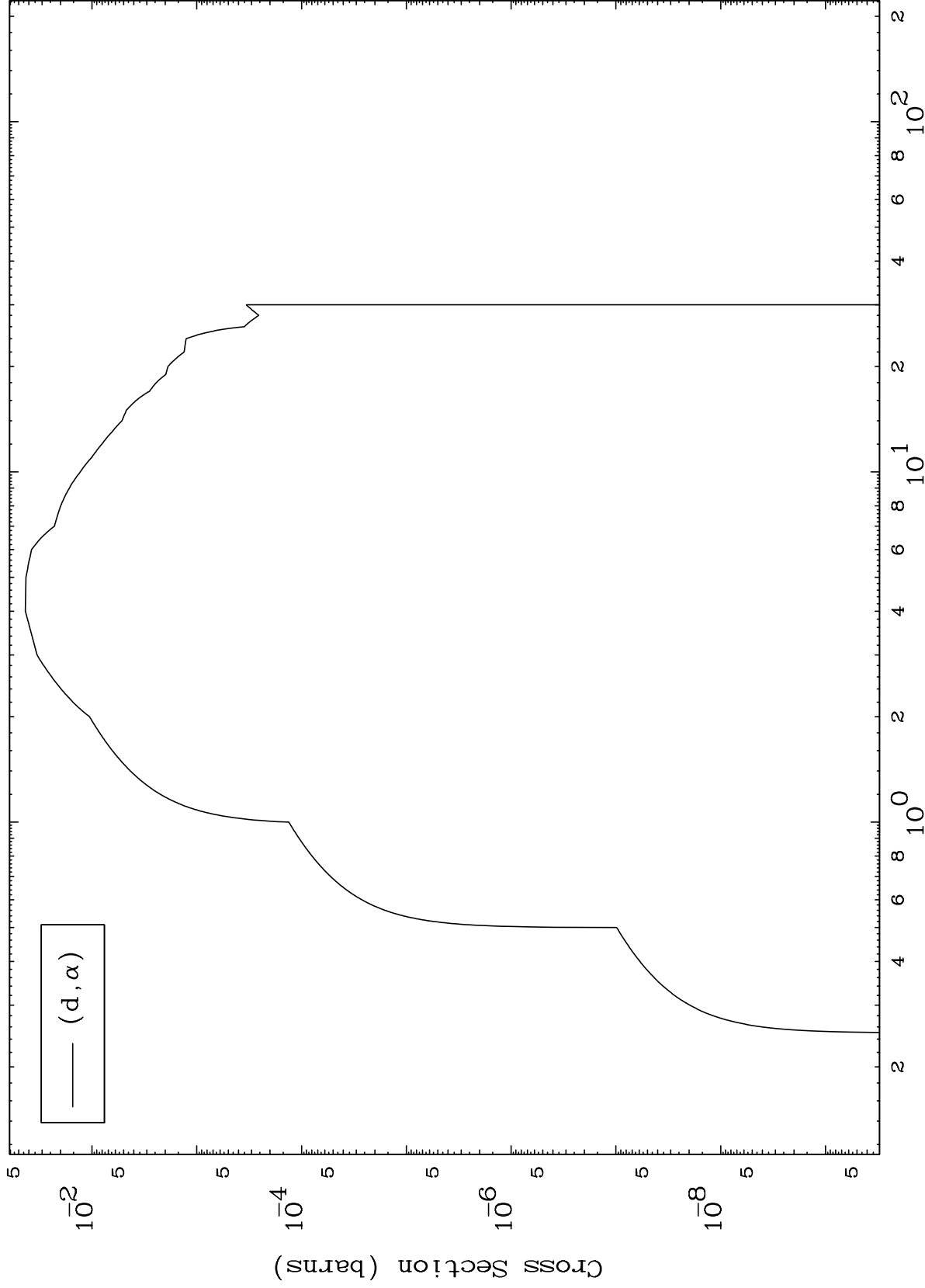


MAT 1422

(d,  $\alpha$ ) Levels

<sup>14</sup>Si-27

0 Kelvin Cross Sections



(d,  $\alpha$ )

10

Incident Energy (MeV)

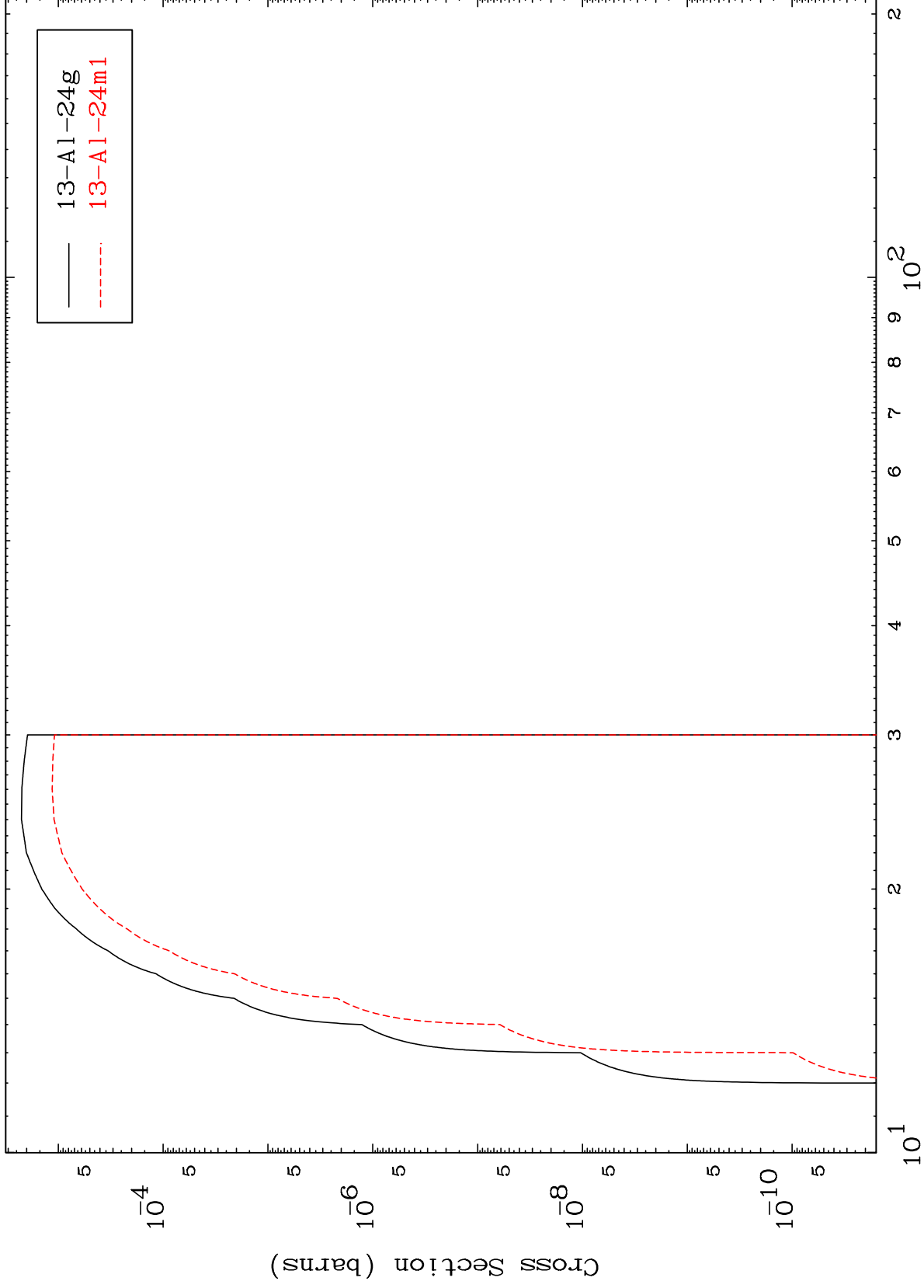
<sup>14</sup>Si-27

MAT 1422

(d,n')  $\alpha$

14-Si-27

Radionuclide Production Cross Section



11

Incident Energy (MeV)

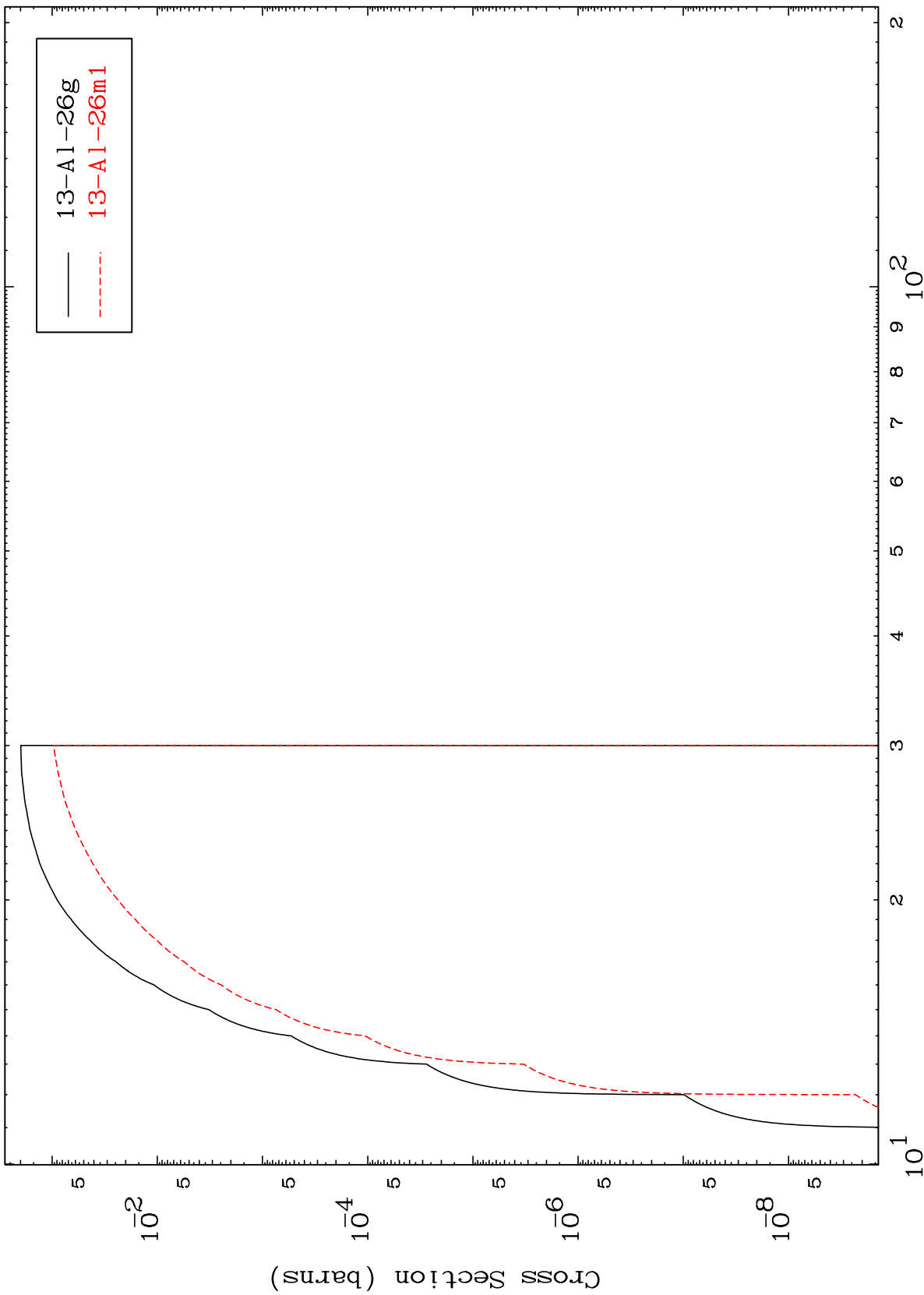
14-Si-27

MAT 1422

(d,2n) p

14-Si-27

Radionuclide Production Cross Section



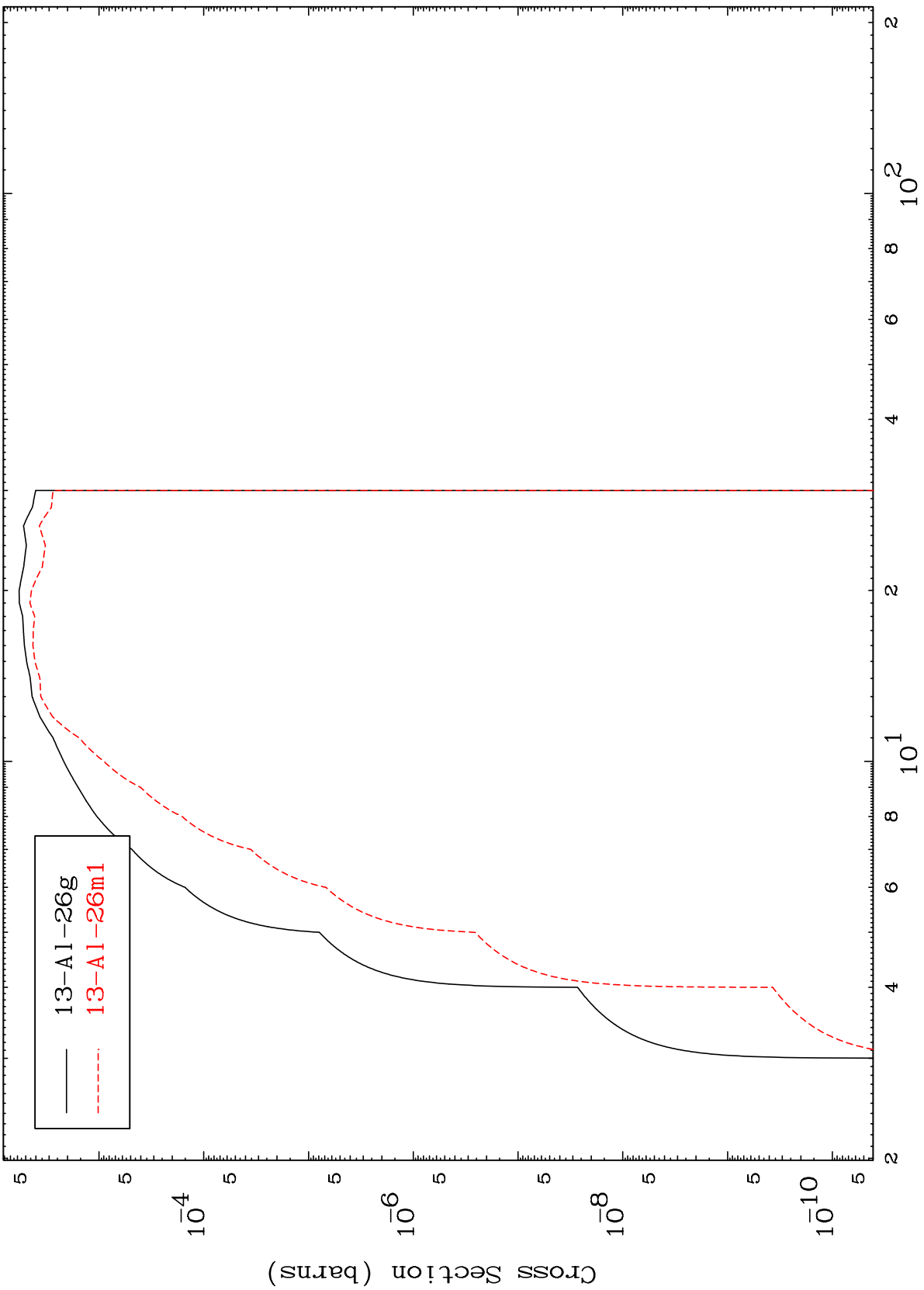
Incident Energy (MeV)

14-Si-27

MAT 1422

14-Si-27

Radionuclide Production Cross Section  
(d,He-3)



13

Incident Energy (MeV)

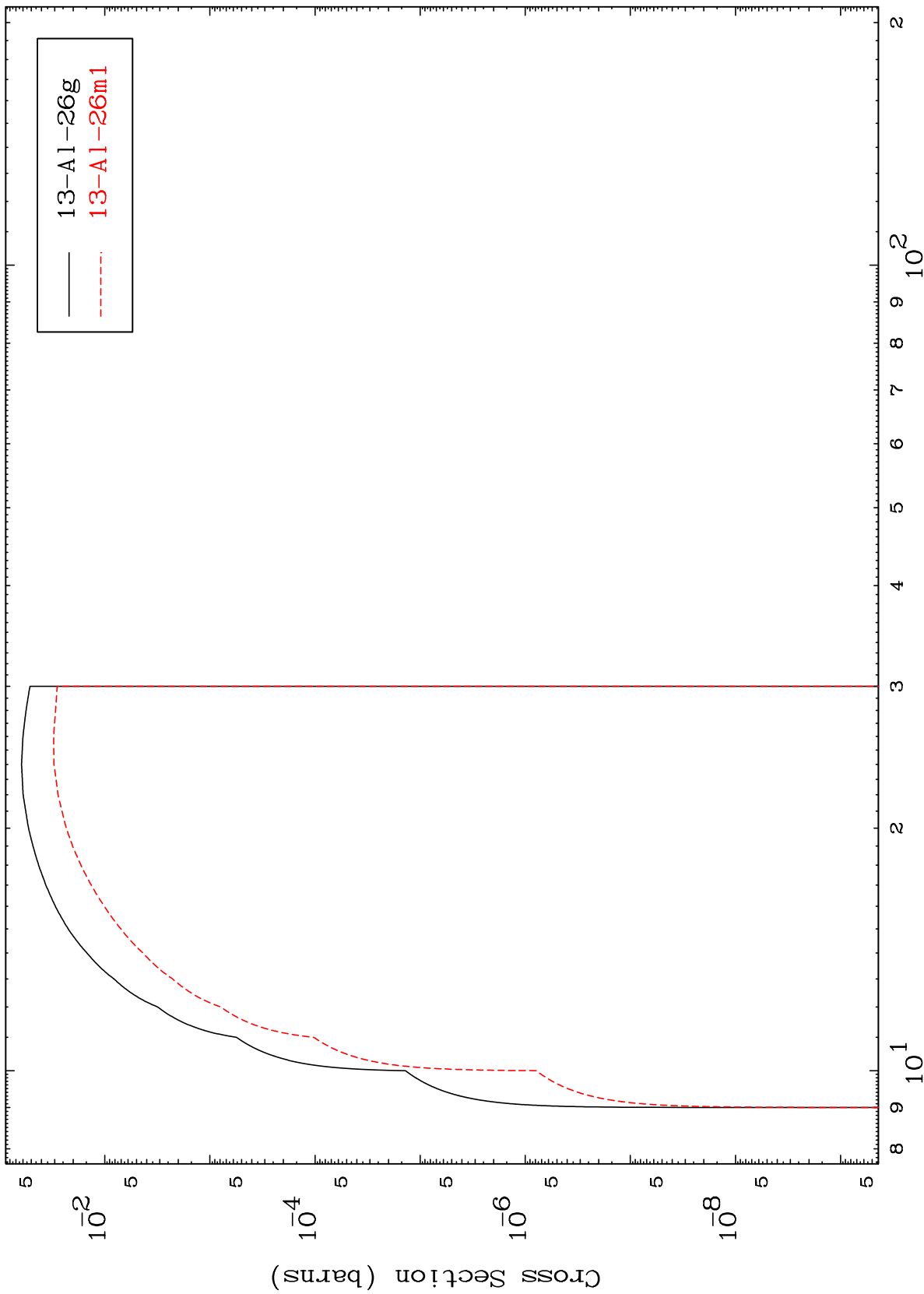
14-Si-27

MAT 1422

(d,p) d

14-Si-27

Radionuclide Production Cross Section



14

Incident Energy (MeV)

14-Si-27