

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

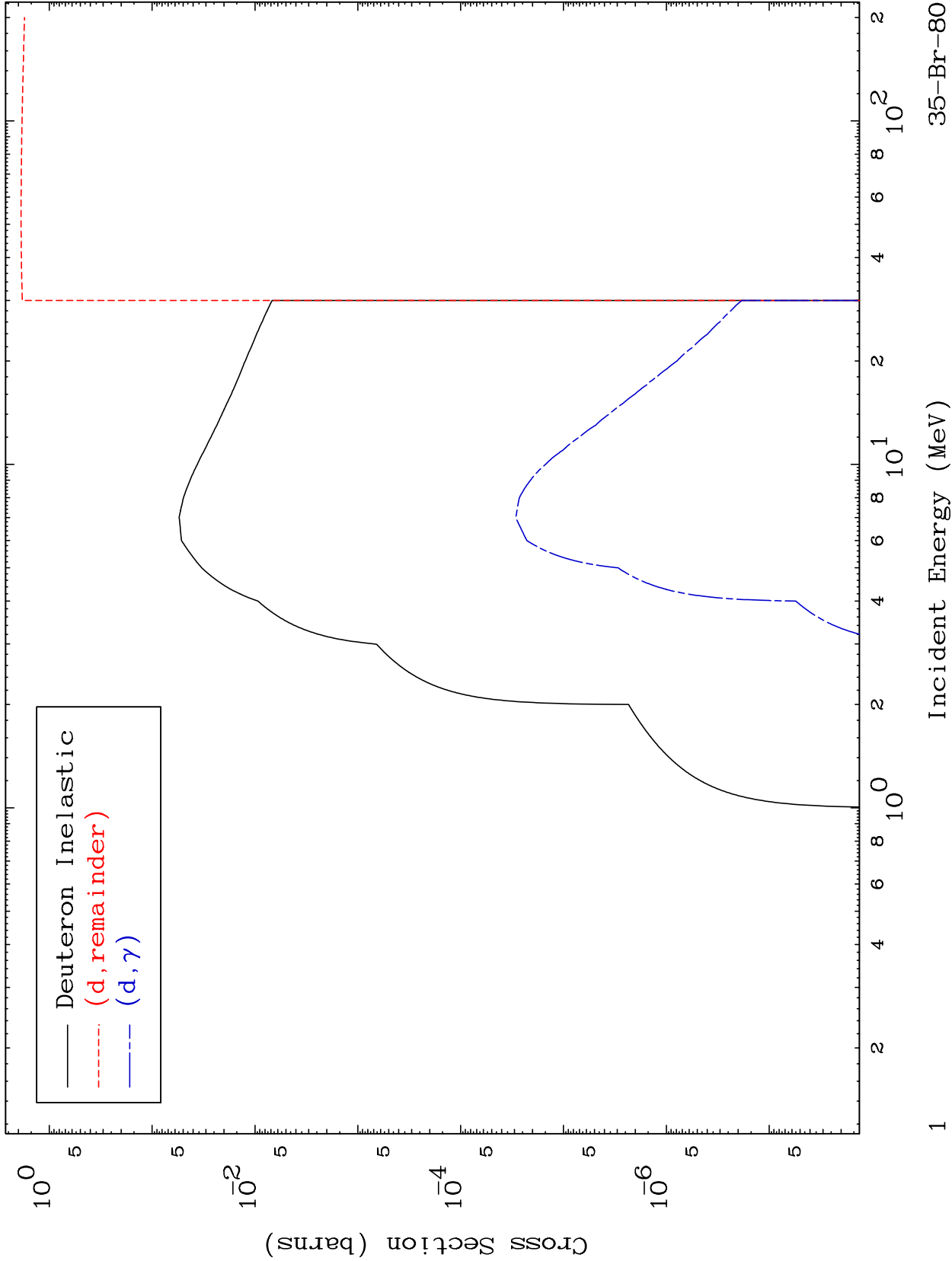
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

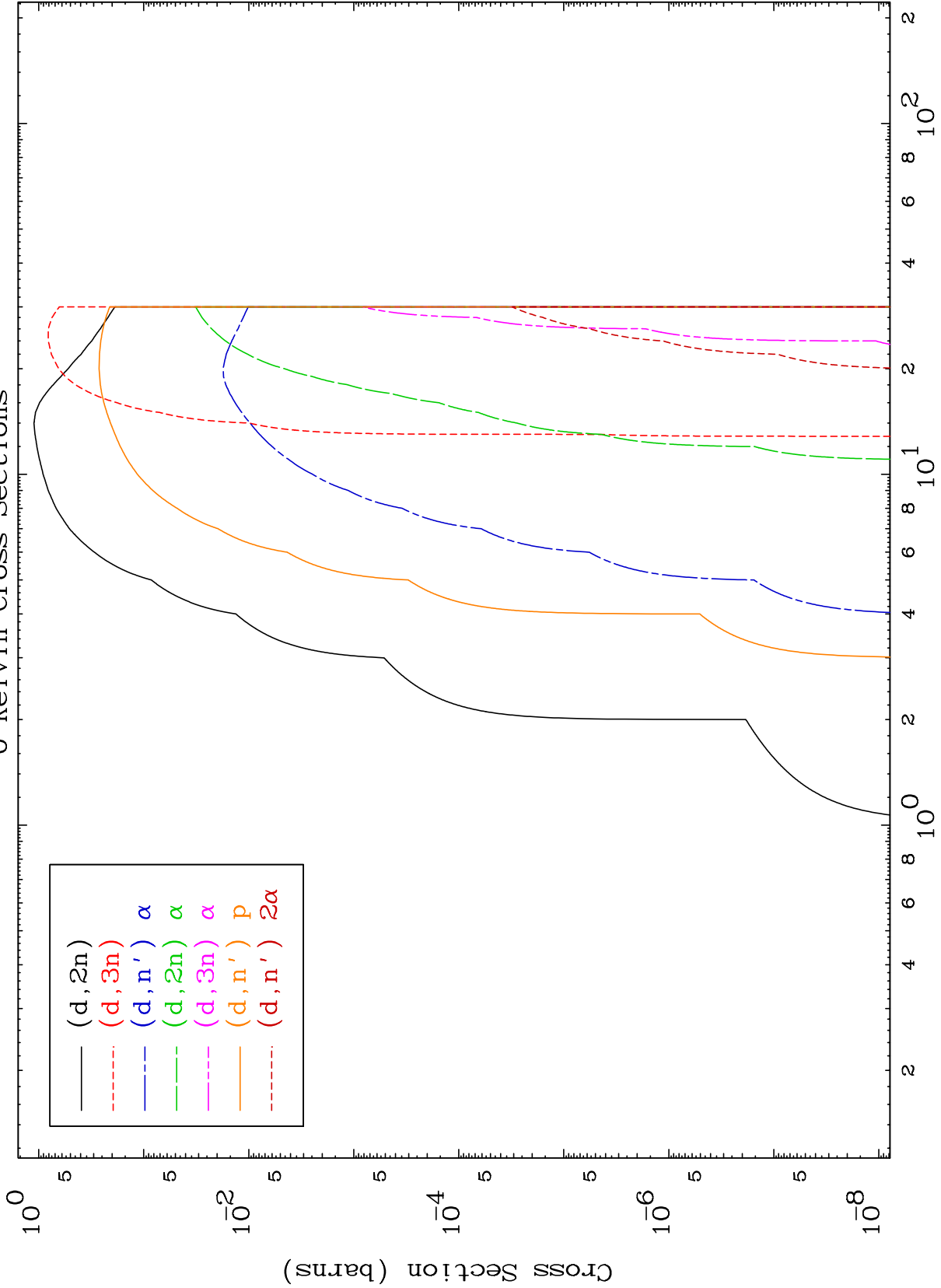
Tele: 925-443-1911

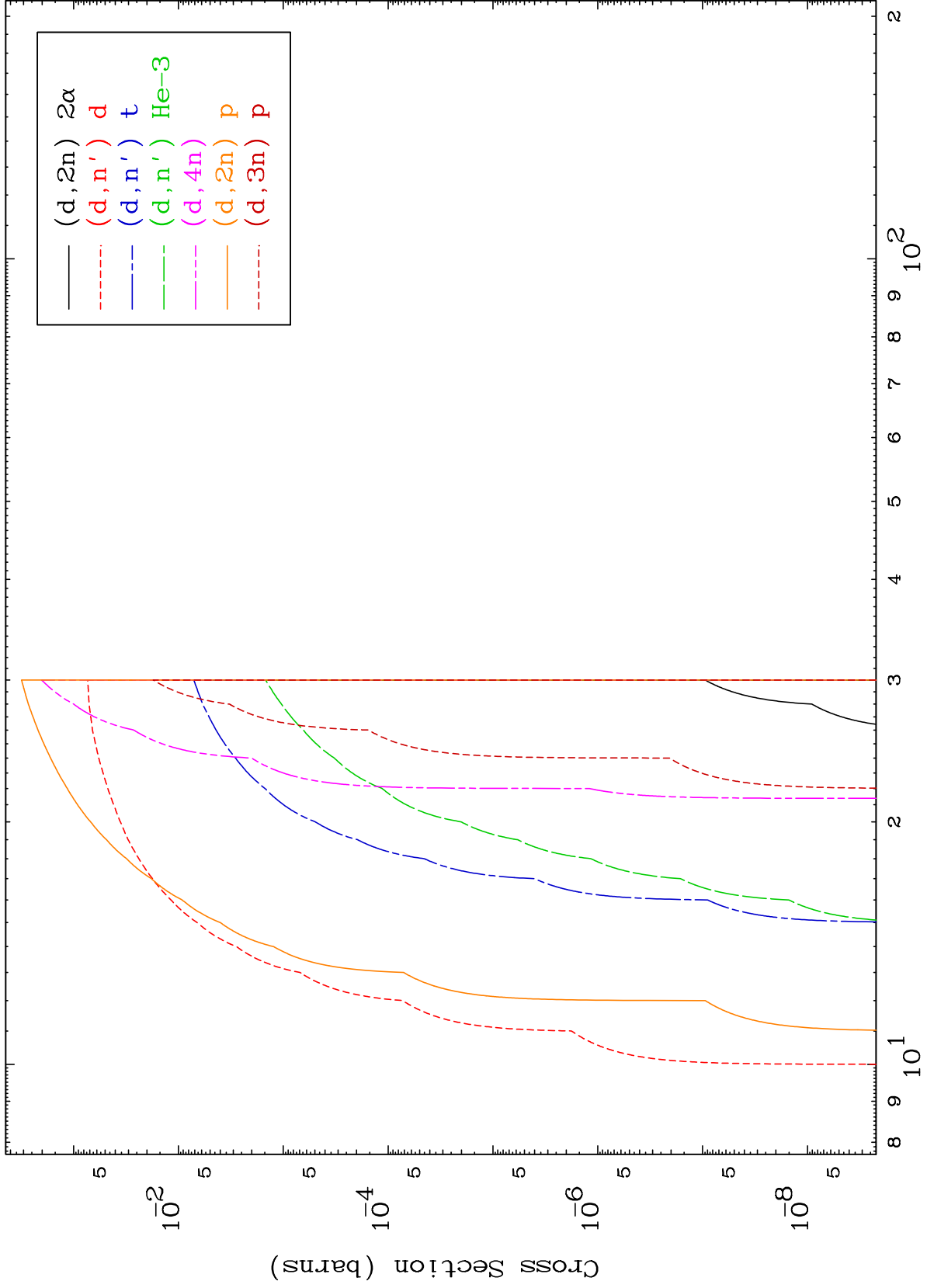
E.Mail:redcullen1@comcast.net

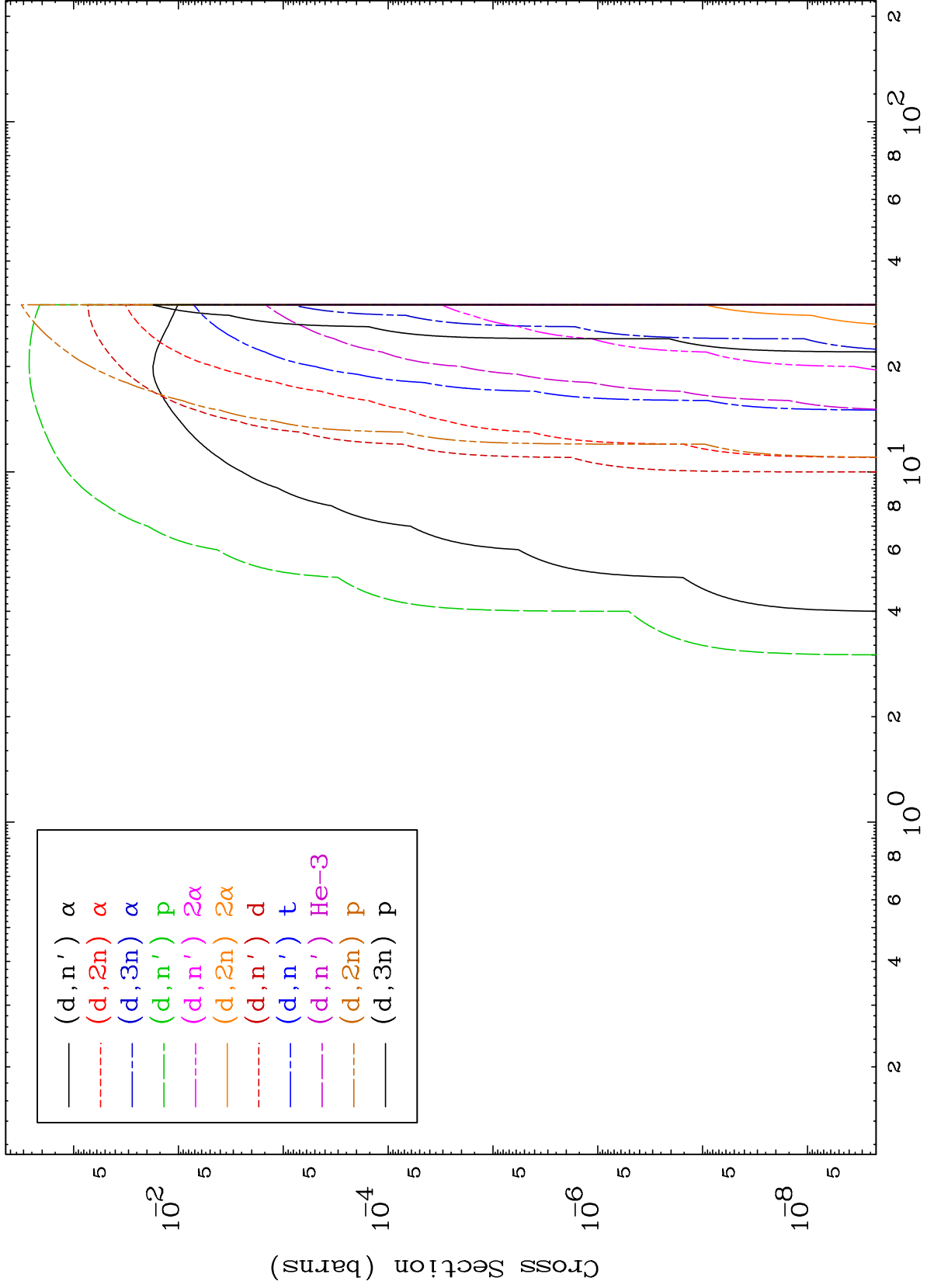
Web:redcullen1.net/HOMEPAGE.NEW

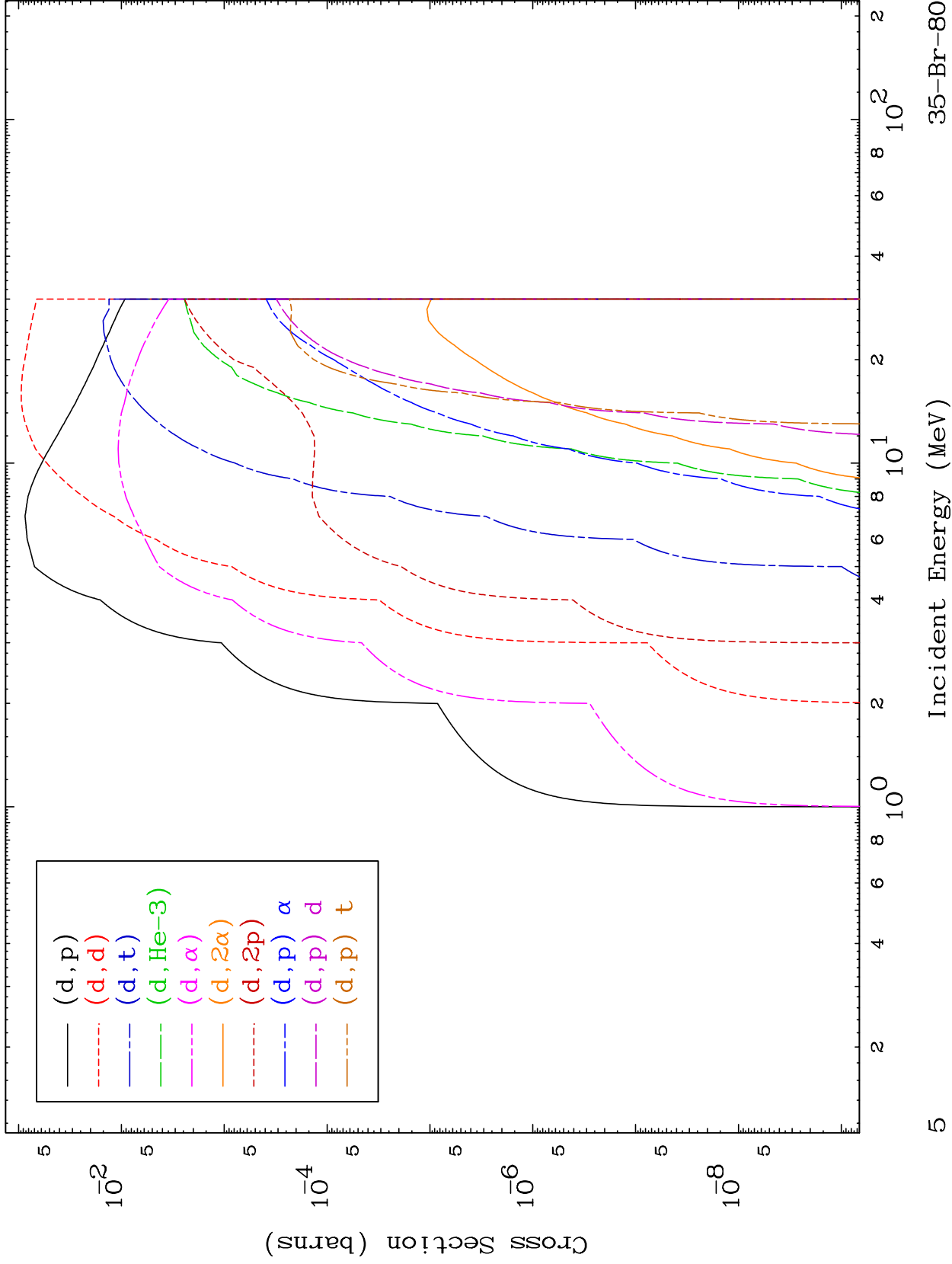
Press Mouse Button to Start







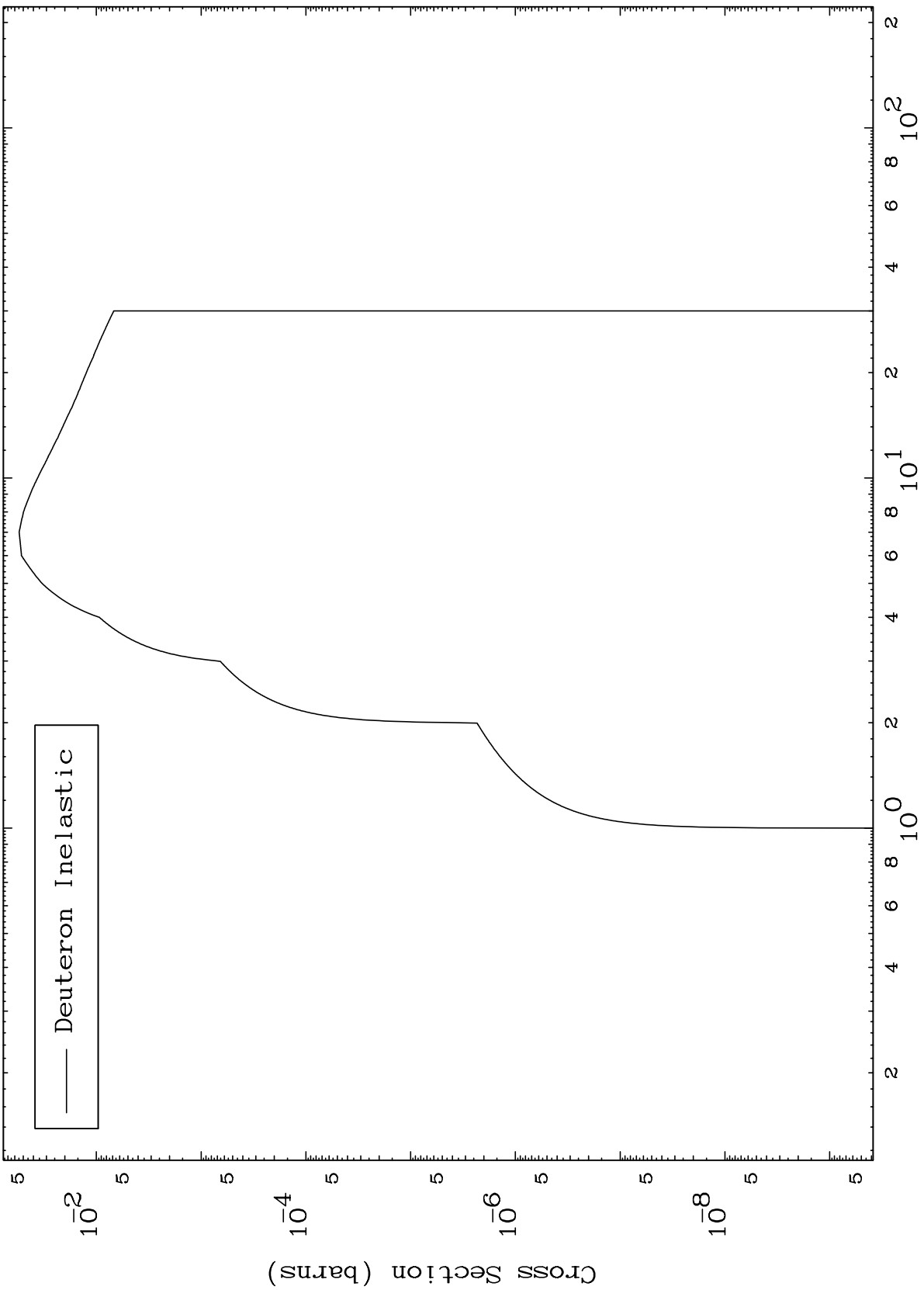




MAT 3528

35-Br-80

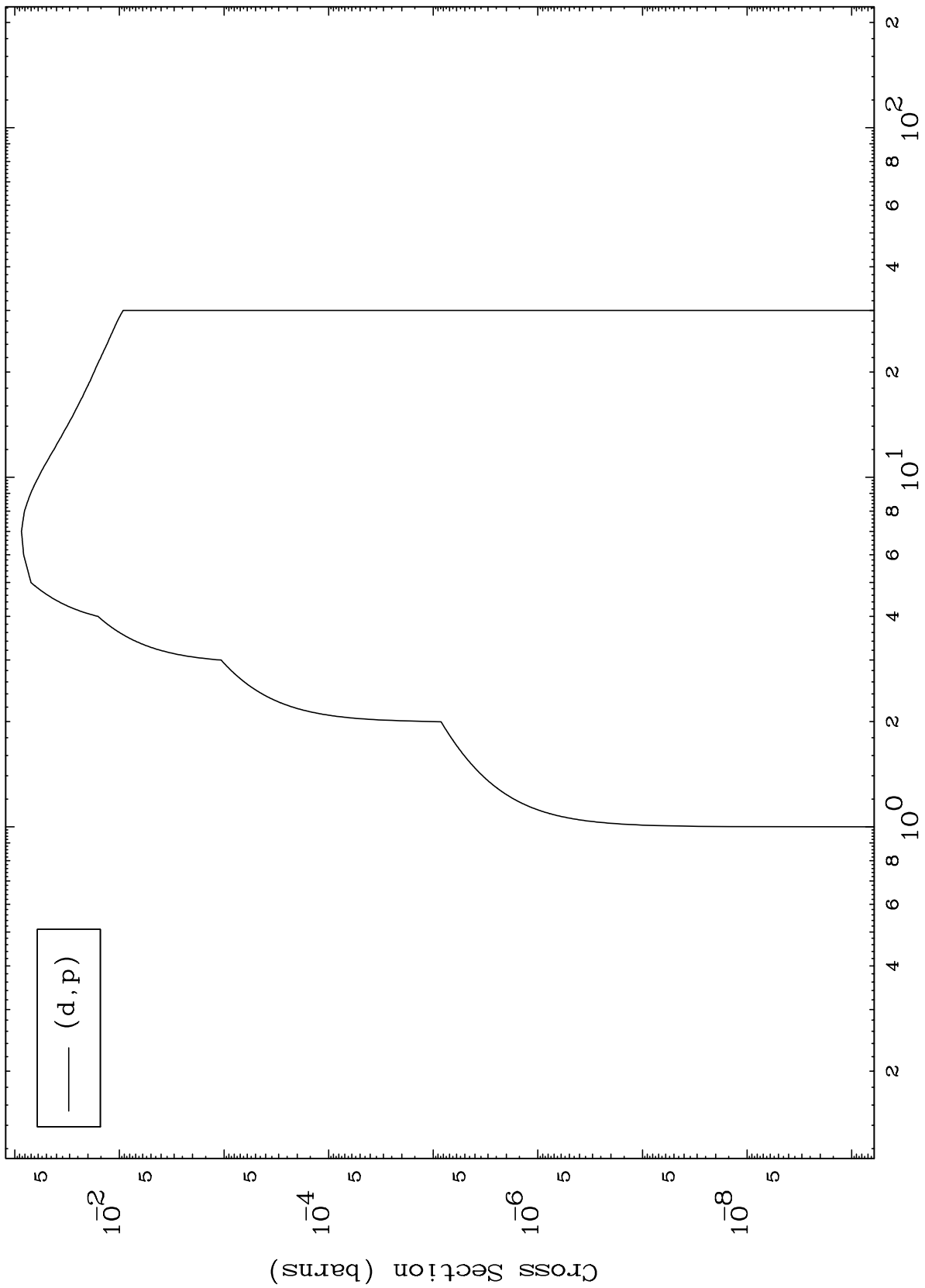
(d,n') Level
0 Kelvin Cross Sections



MAT 3528

35-Br-80

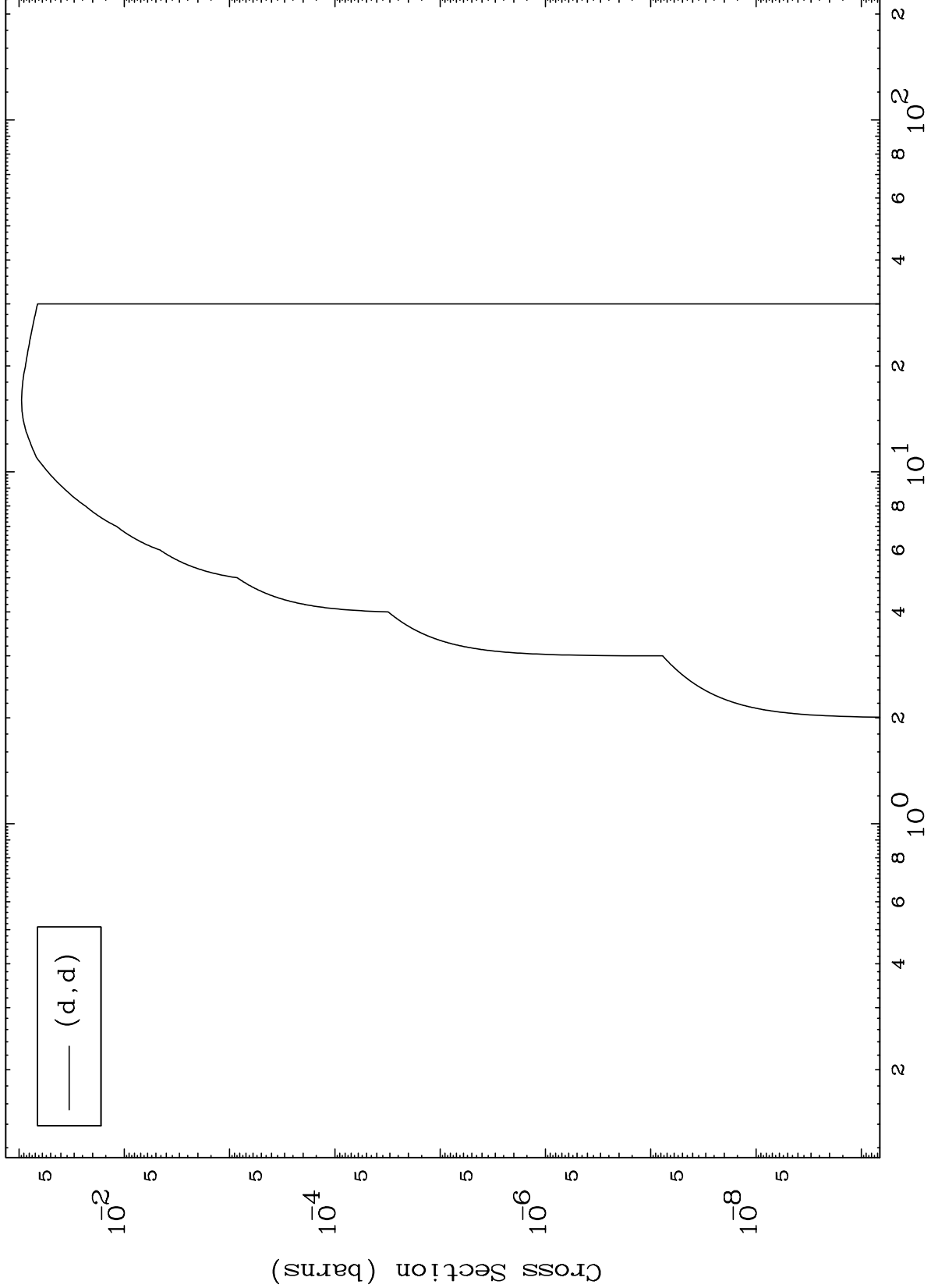
(d,p) Levels
0 Kelvin Cross Sections



35-Br-80

Incident Energy (MeV)

0 Kelvin Cross Sections

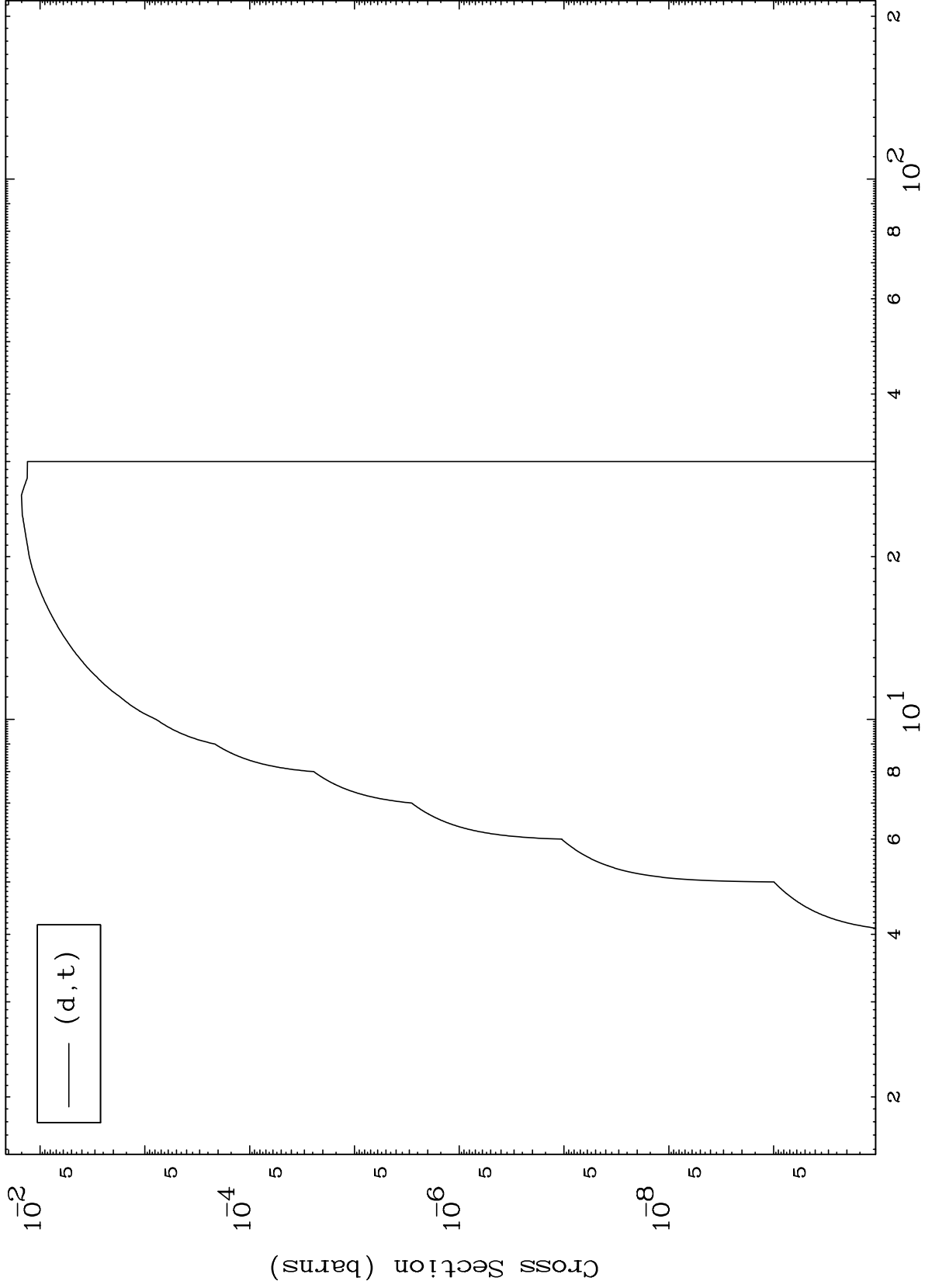


(d,d)

MAT 3528

35-Br-80

(d,t) Levels
0 Kelvin Cross Sections



9

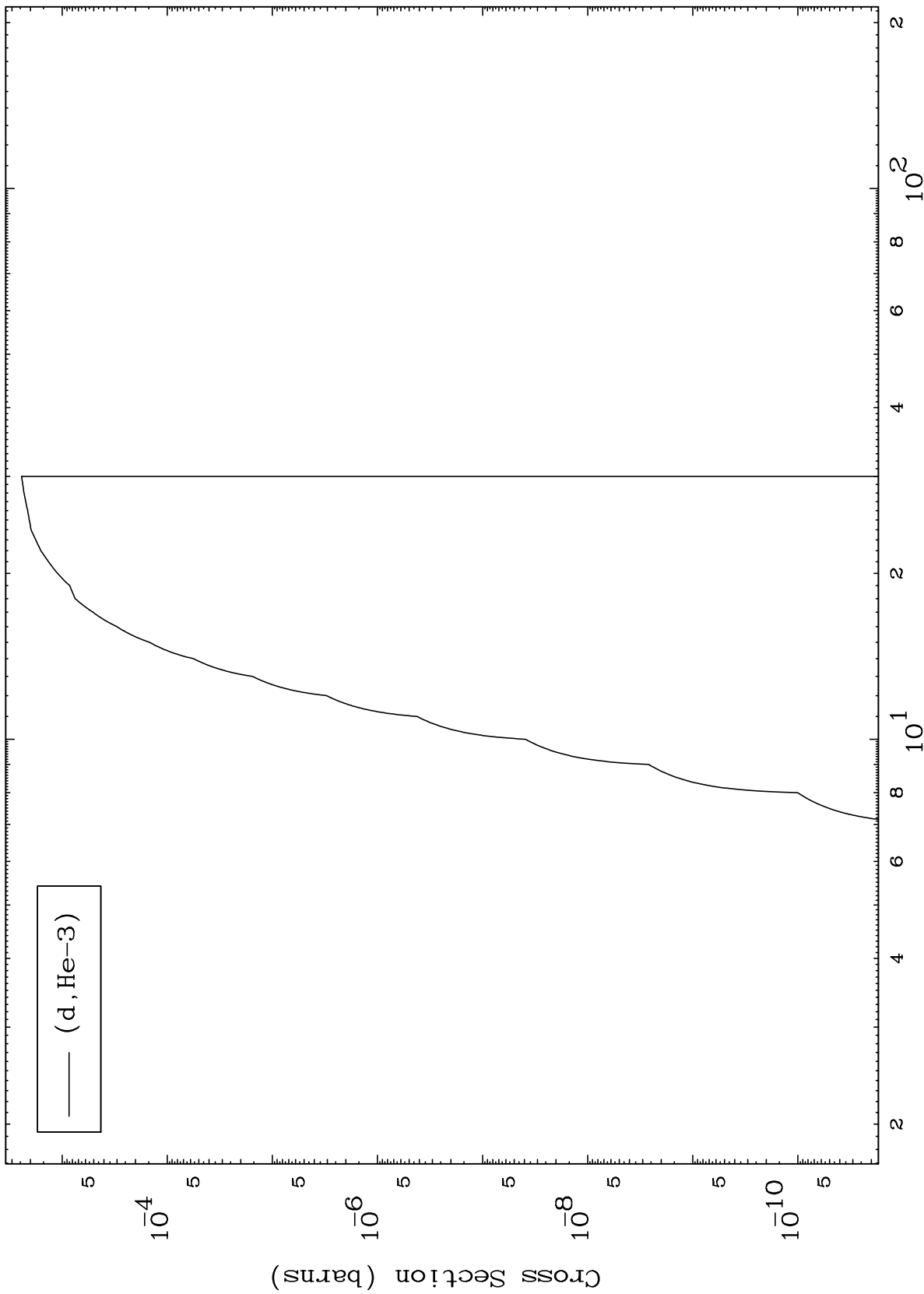
35-Br-80

Incident Energy (MeV)

MAT 3528

35-Br-80

(d,He3) Levels
0 Kelvin Cross Sections



35-Br-80

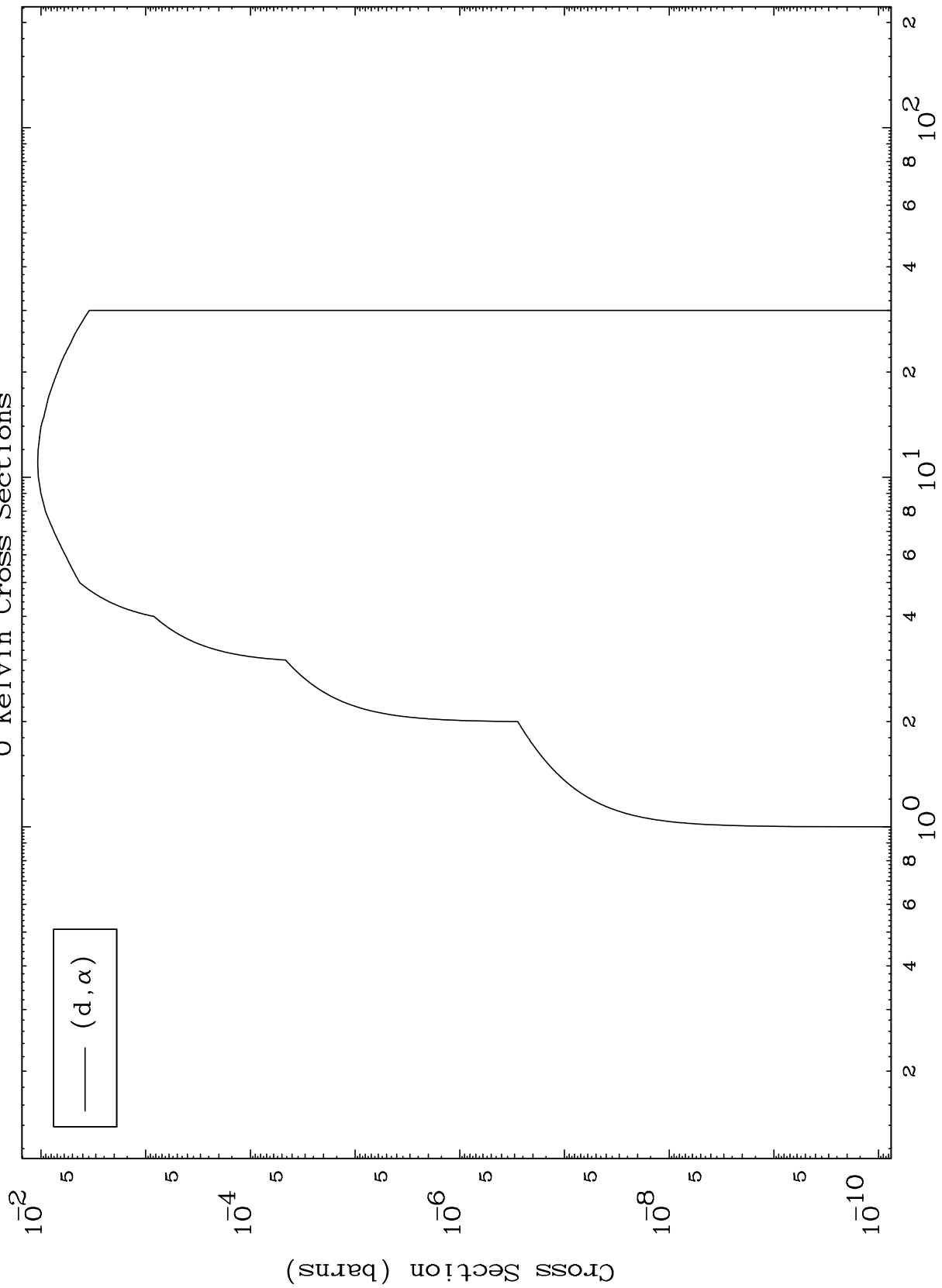
Incident Energy (MeV)

10

MAT 3528

35-Br-80

(d, α) Levels
0 Kelvin Cross Sections



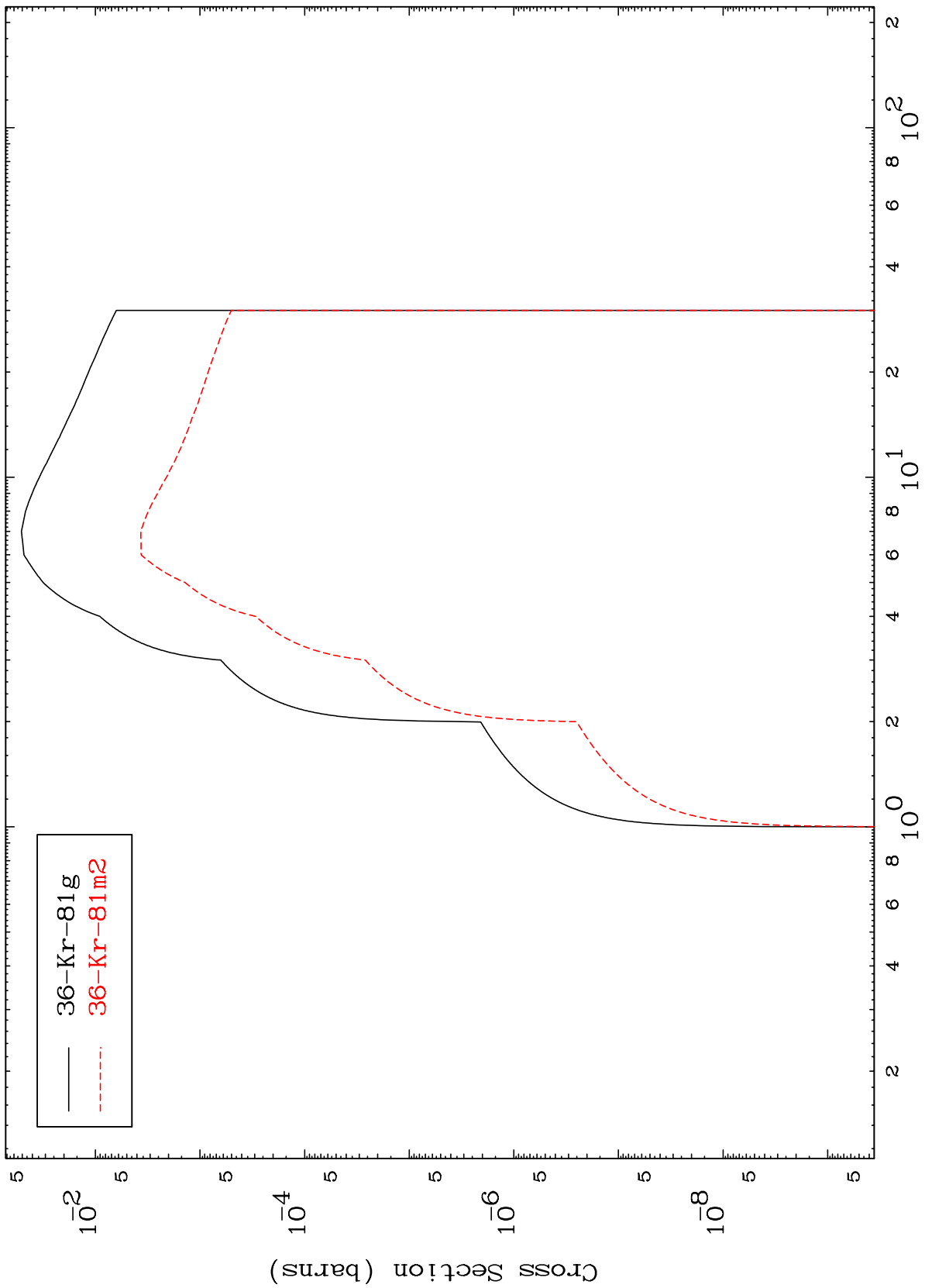
35-Br-80

Incident Energy (MeV)

MAT 3528

35-Br-80

Deuteron Inelastic
Radionuclide Production Cross Section



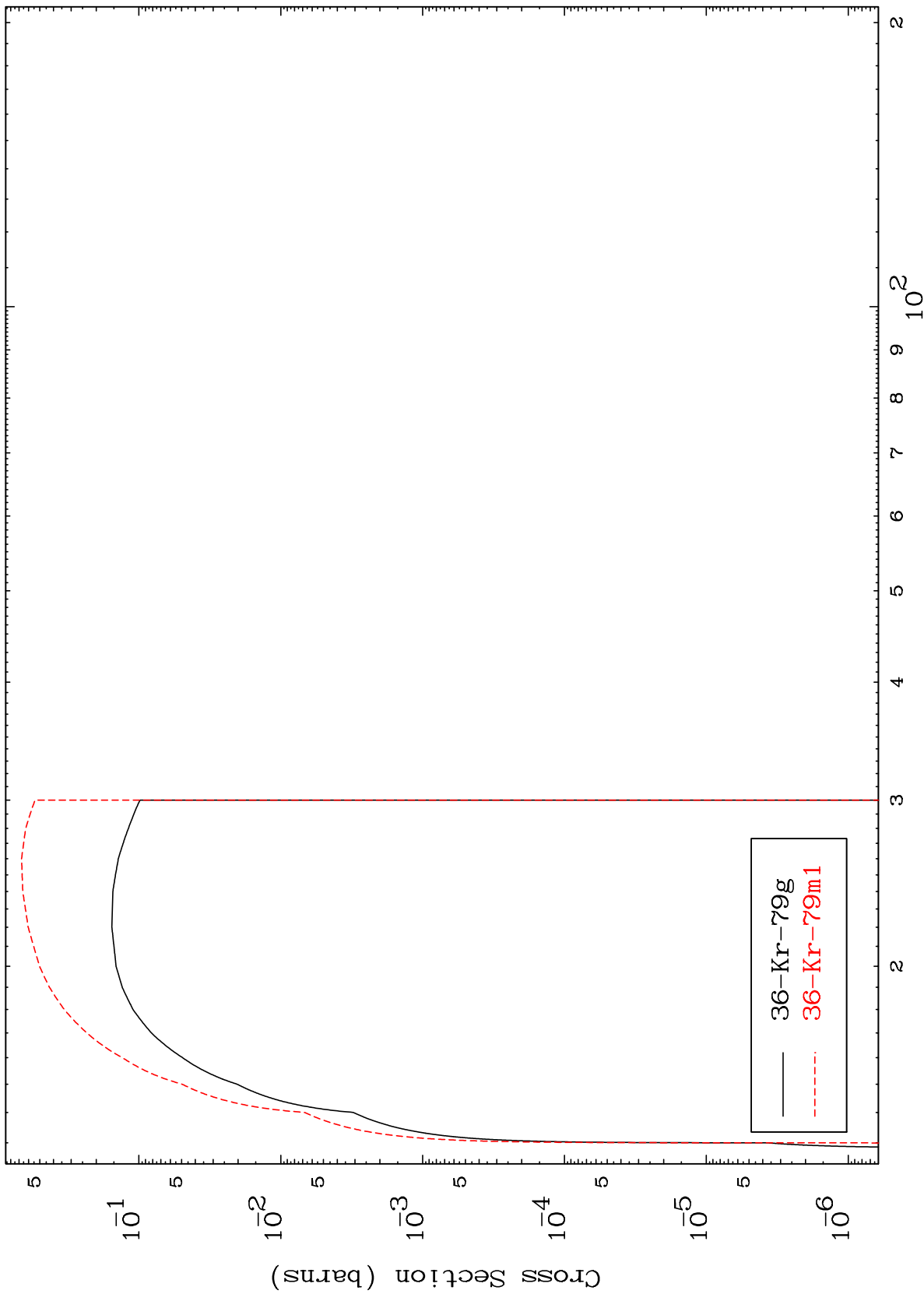
— 36-Kr-81g
- - - 36-Kr-81m2

35-Br-80

Incident Energy (MeV)

12

Radionuclide Production Cross Section
(d,3n)

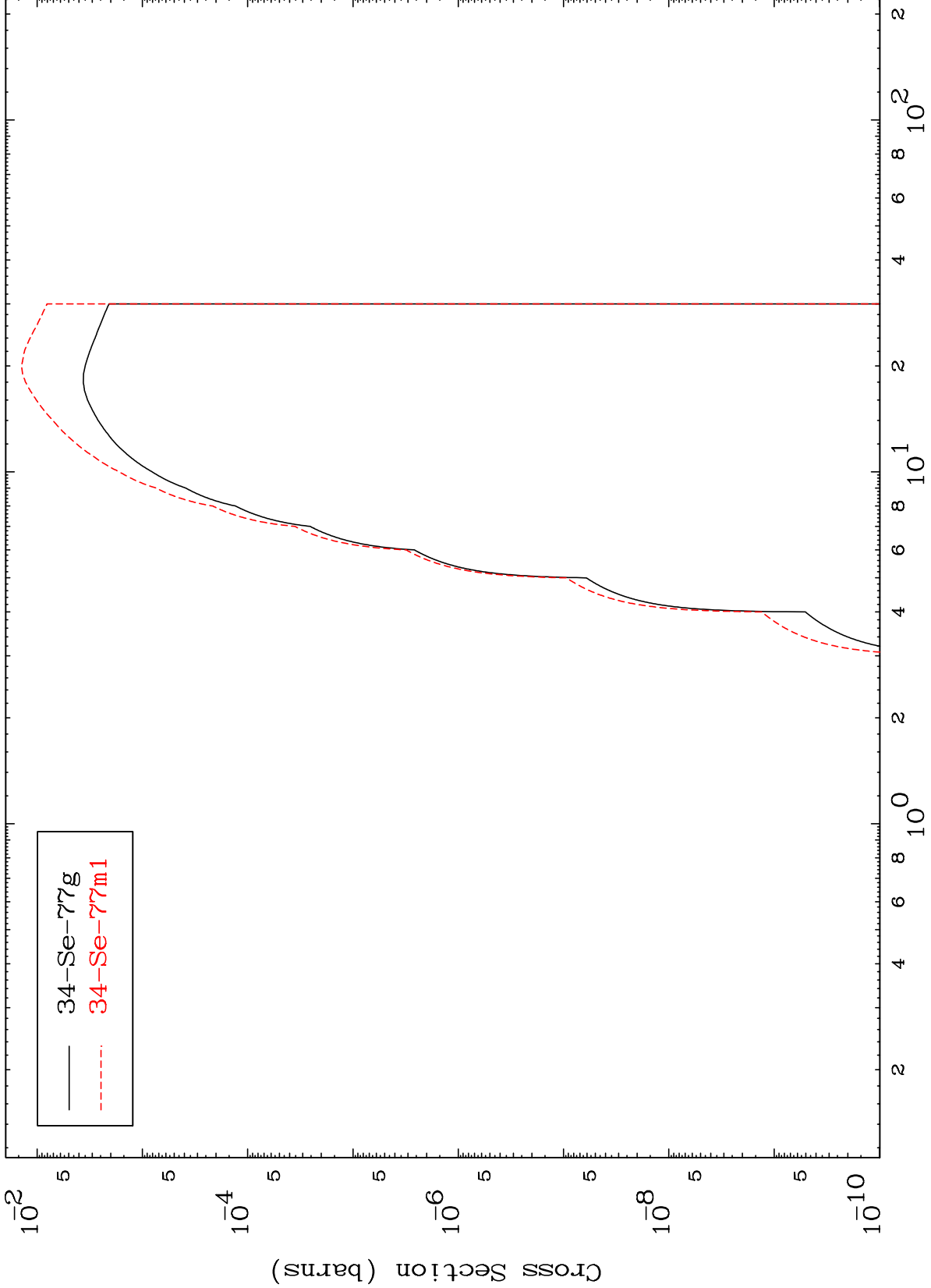


MAT 3528

(d,n') α

³⁵Br-80

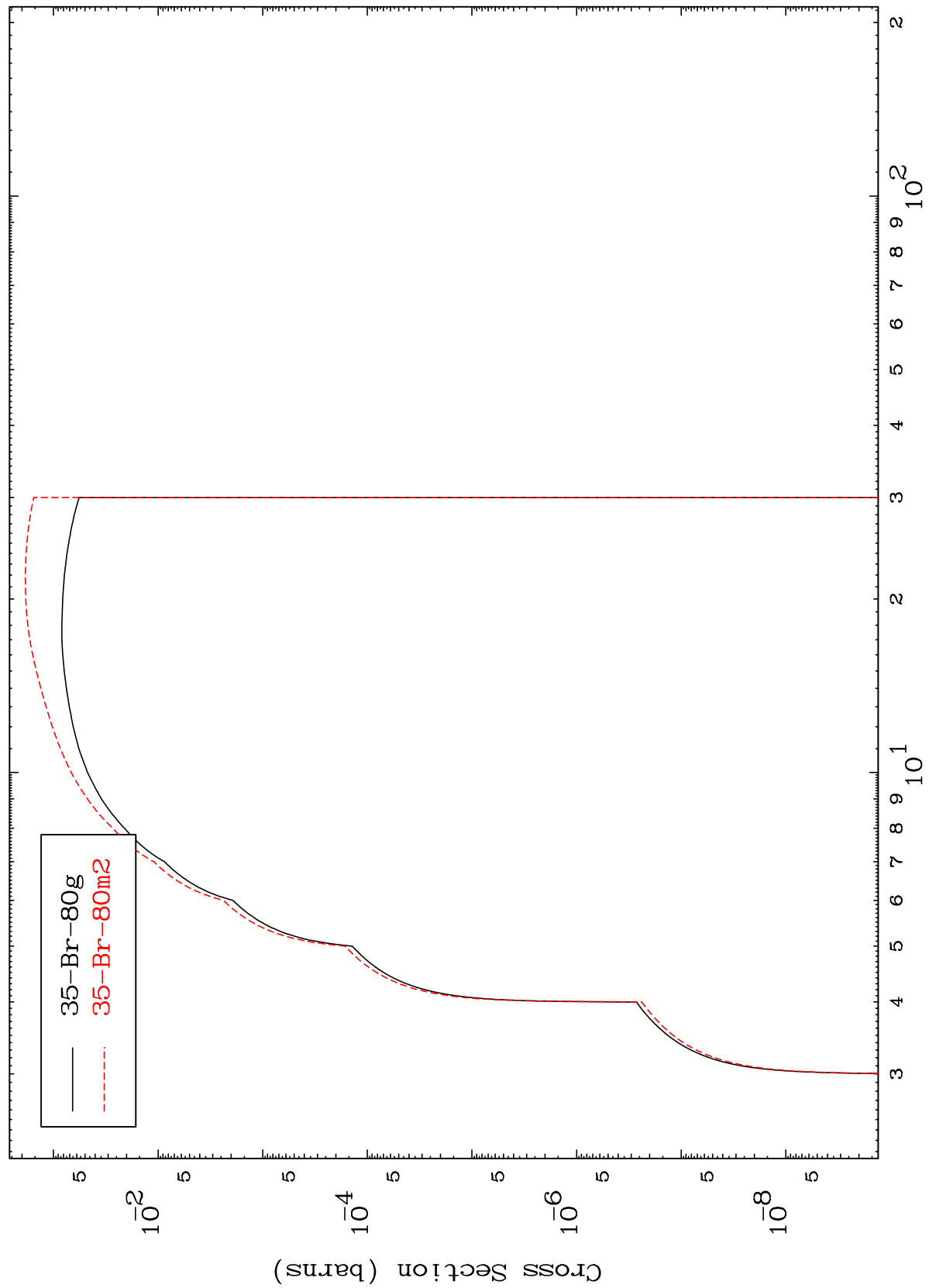
Radionuclide Production Cross Section



MAT 3528

35-Br-80

(d,n') p
Radionuclide Production Cross Section



15

Incident Energy (MeV)

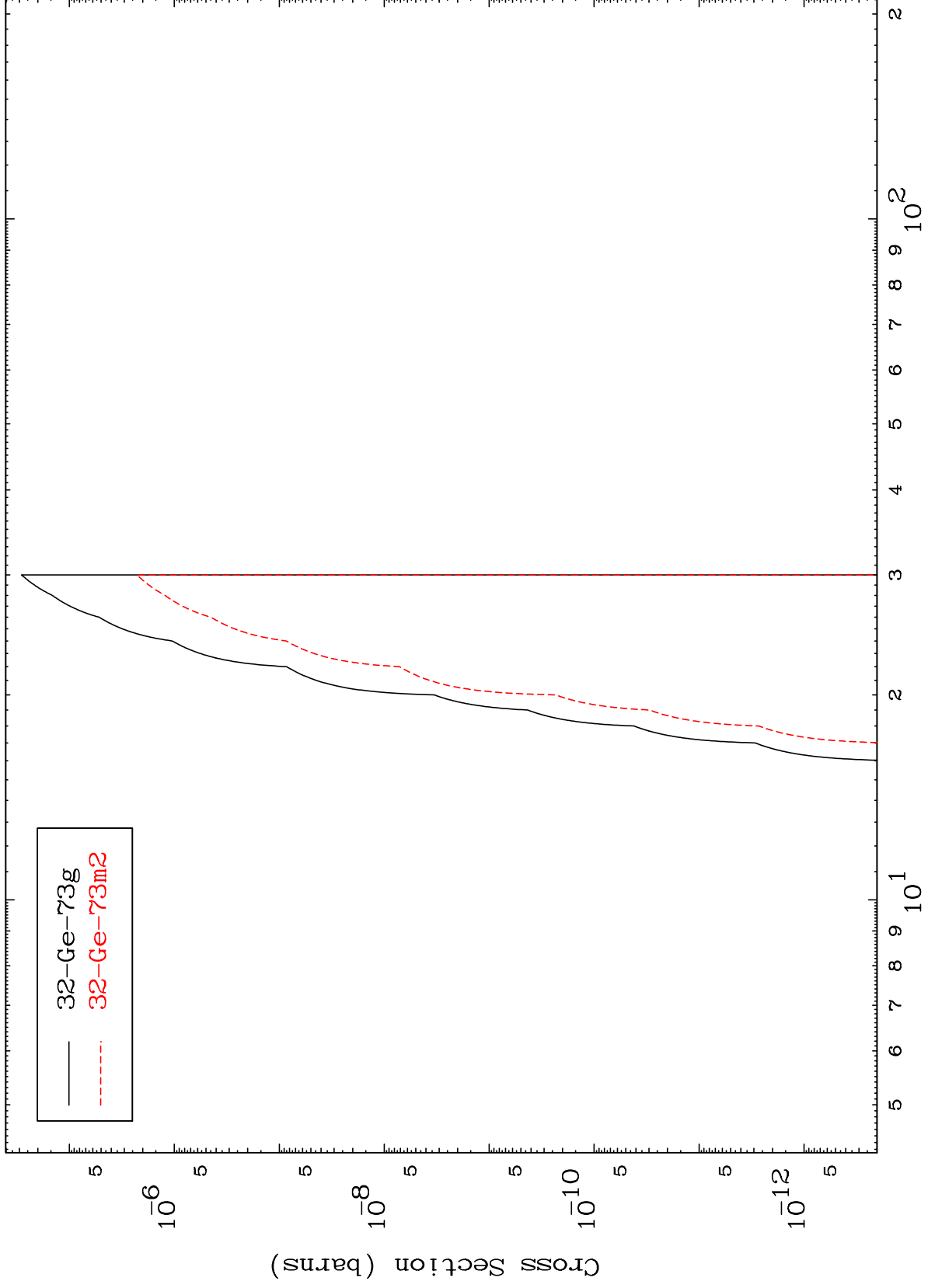
35-Br-80

MAT 3528

(d,n') 2α

$^{35}\text{Br-80}$

Radionuclide Production Cross Section



16

Incident Energy (MeV)

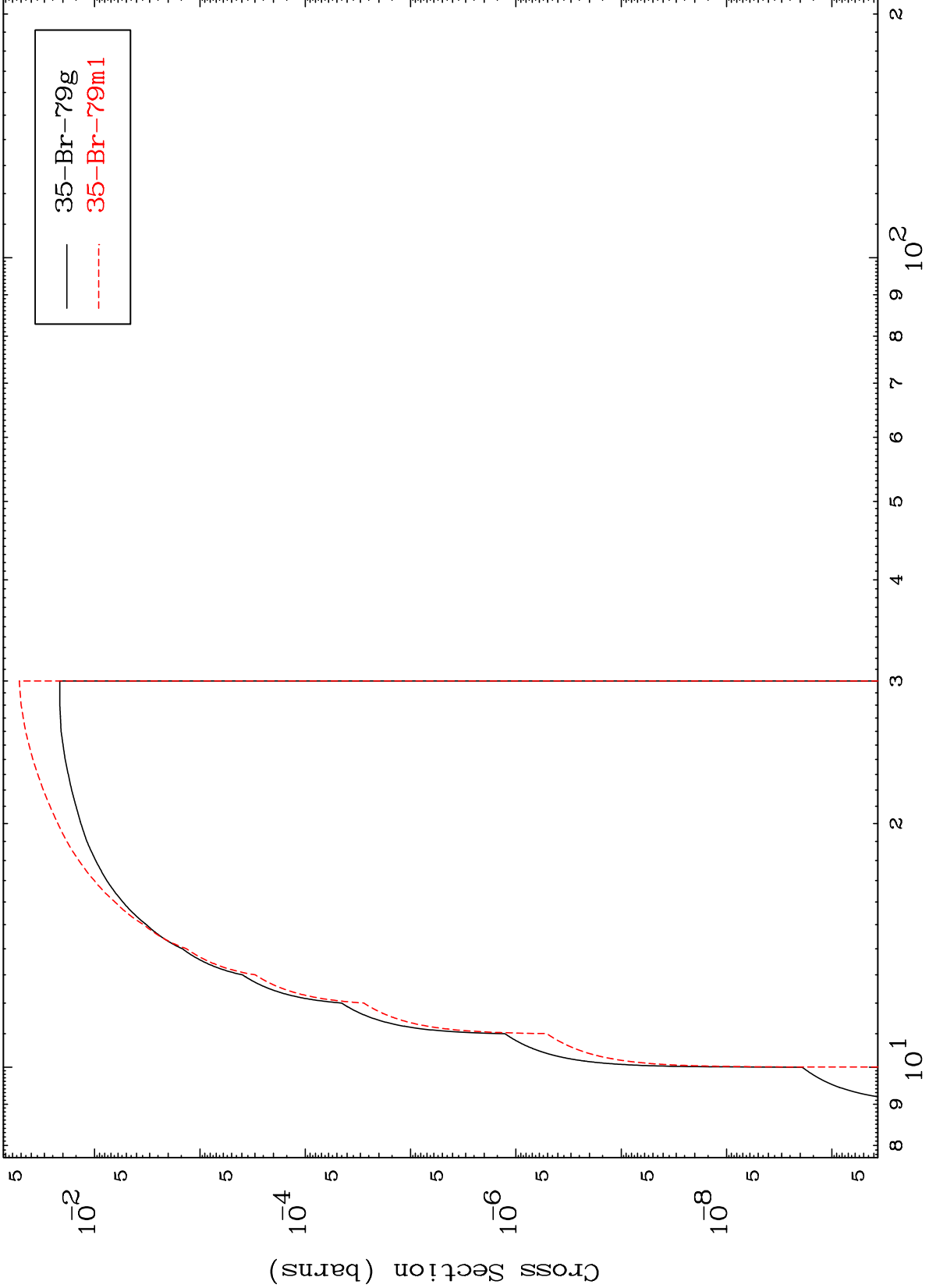
$^{35}\text{Br-80}$

MAT 3528

(d,n') d

35-Br-80

Radionuclide Production Cross Section



17

Incident Energy (MeV)

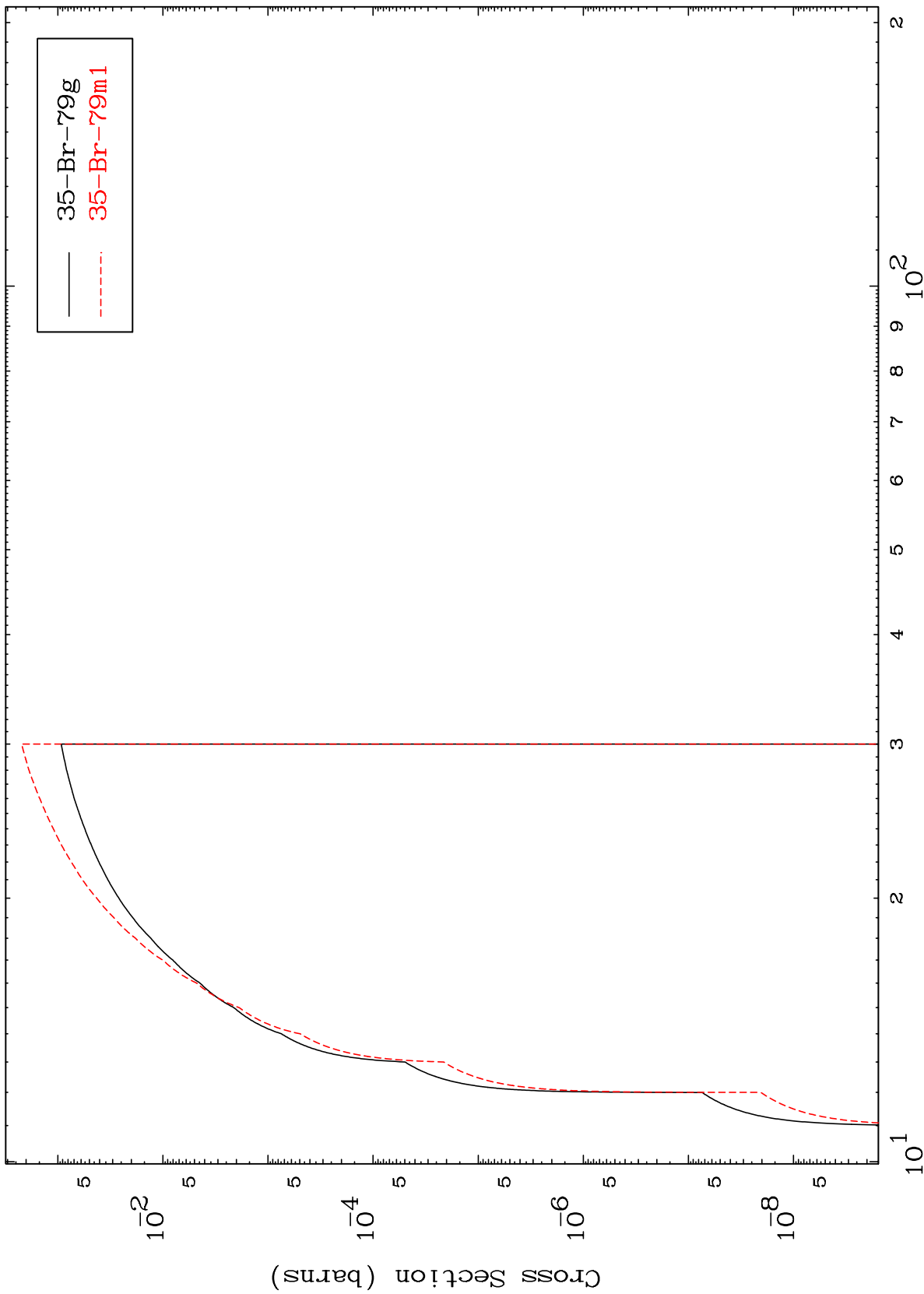
35-Br-80

MAT 3528

(d,2n) p

35-Br-80

Radionuclide Production Cross Section



10¹

Incident Energy (MeV)

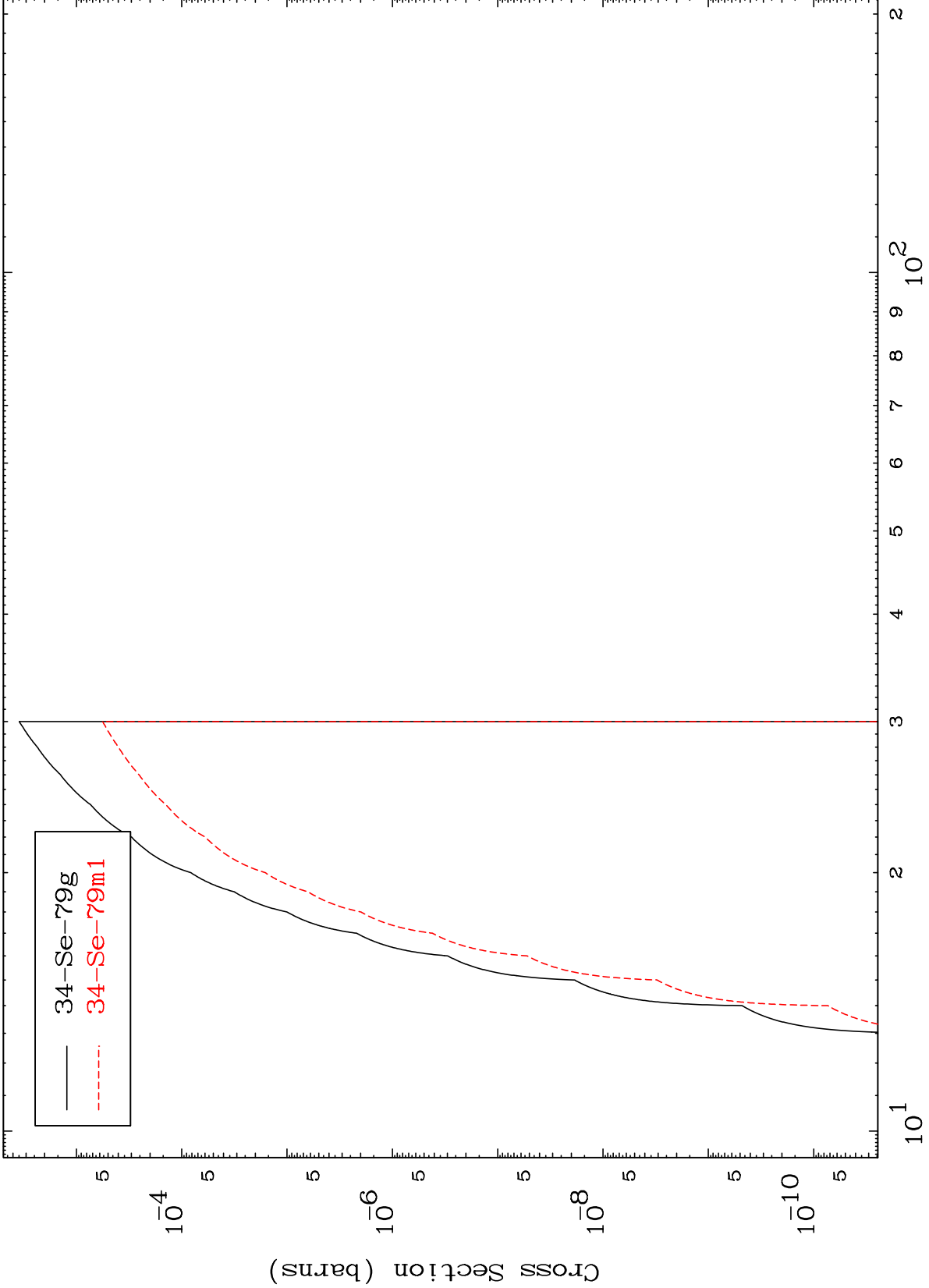
35-Br-80

MAT 3528

(d,2n) p

³⁵Br-80

Radionuclide Production Cross Section



Incident Energy (MeV)

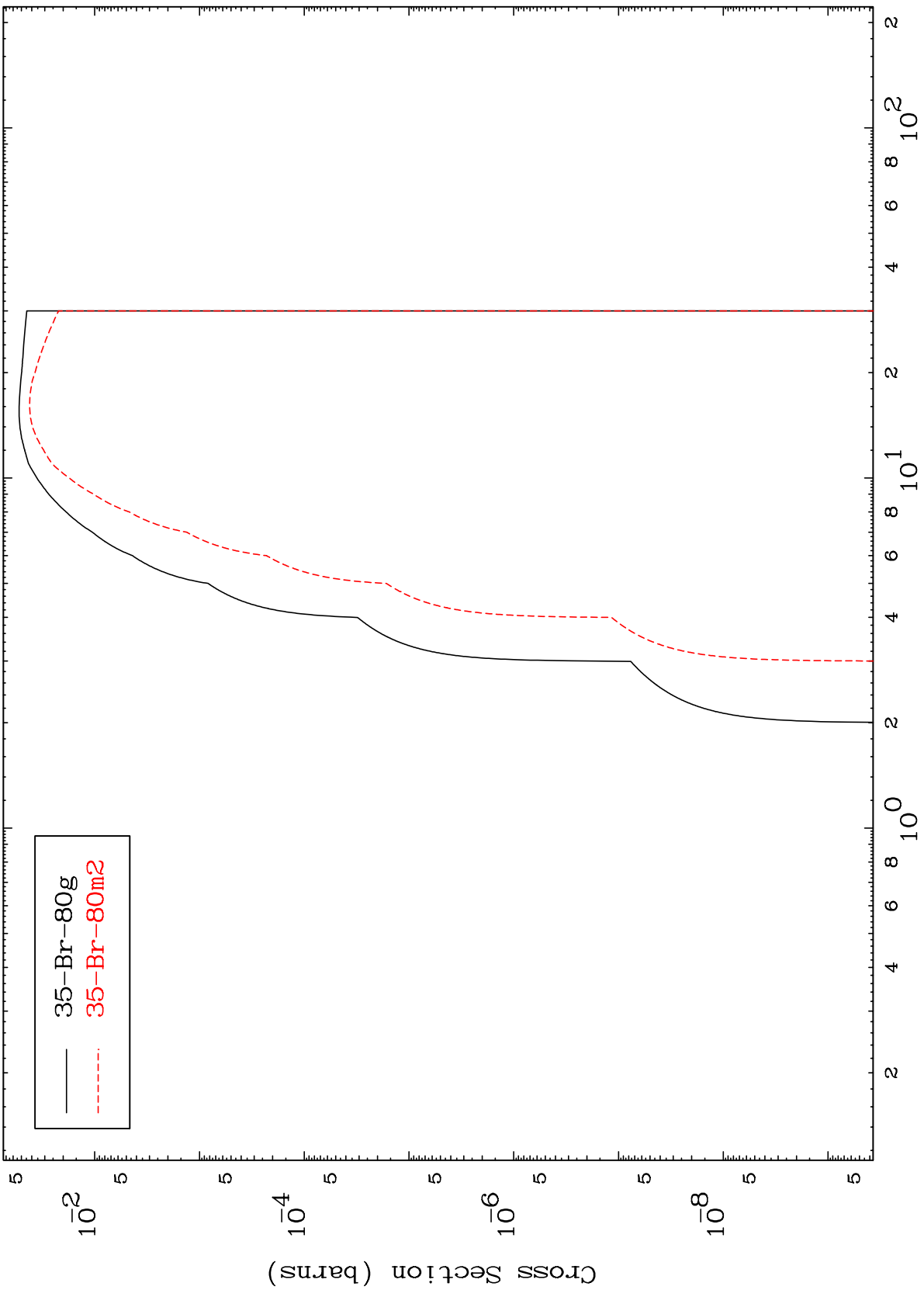
³⁵Br-80

MAT 3528

(d,d)

³⁵Br-80

Radionuclide Production Cross Section



20

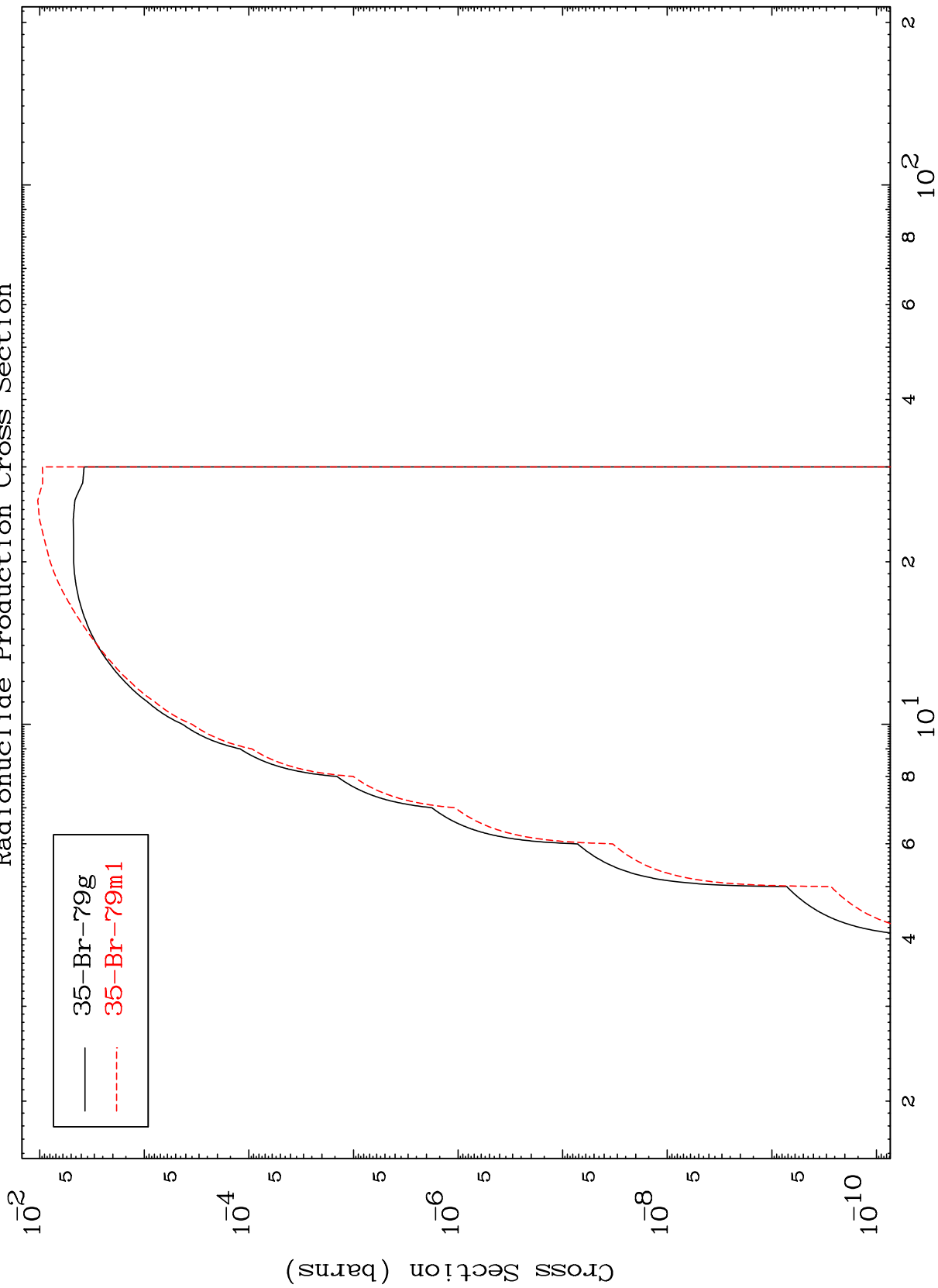
Incident Energy (MeV)

³⁵Br-80

MAT 3528

35-Br-80

(d, t)
Radionuclide Production Cross Section



21

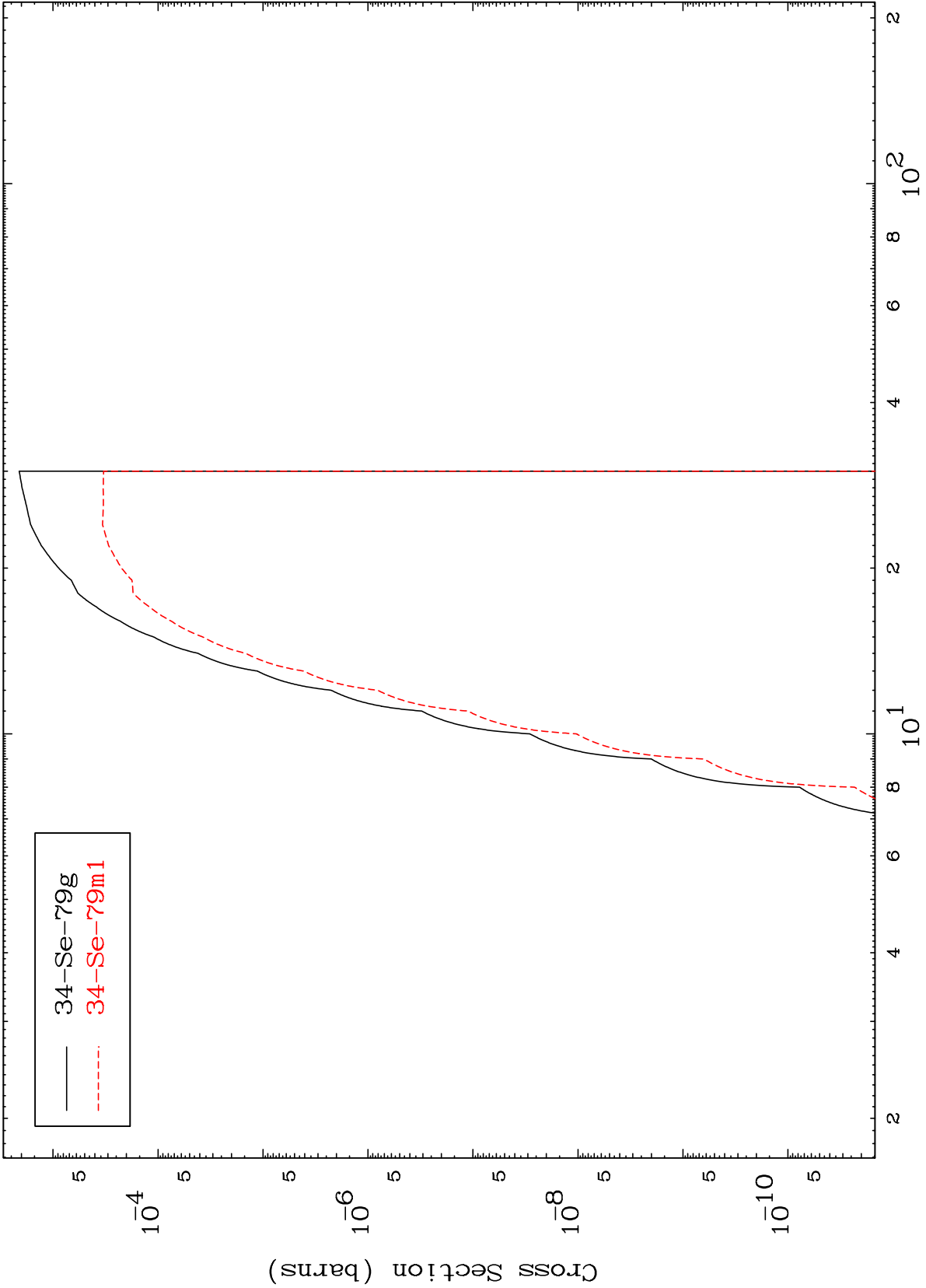
35-Br-80

MAT 3528

(d,He-3)

35-Br-80

Radionuclide Production Cross Section



22

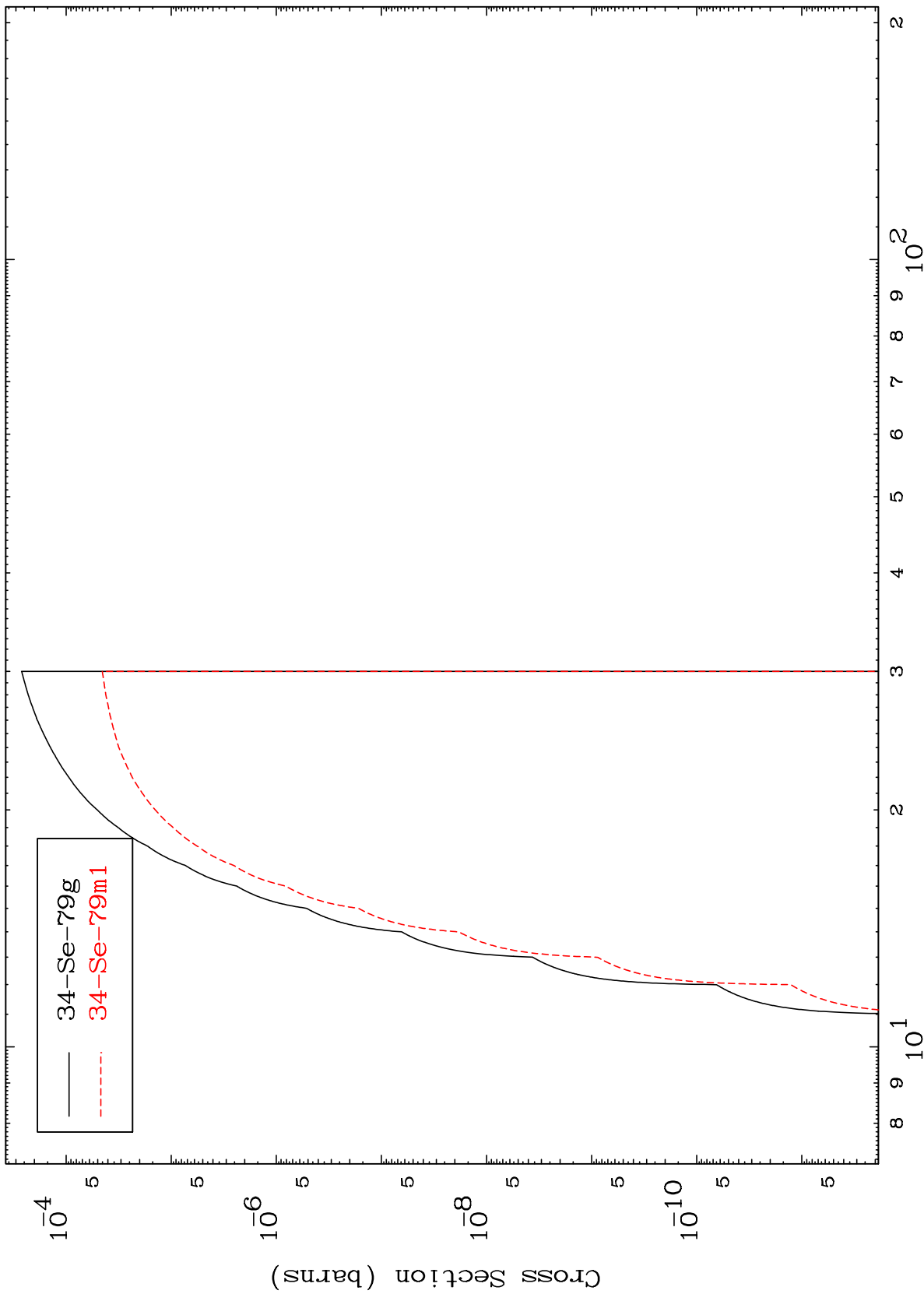
Incident Energy (MeV)

35-Br-80

MAT 3528

35-Br-80

(d,p) d
Radionuclide Production Cross Section



23

Incident Energy (MeV)

35-Br-80