

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

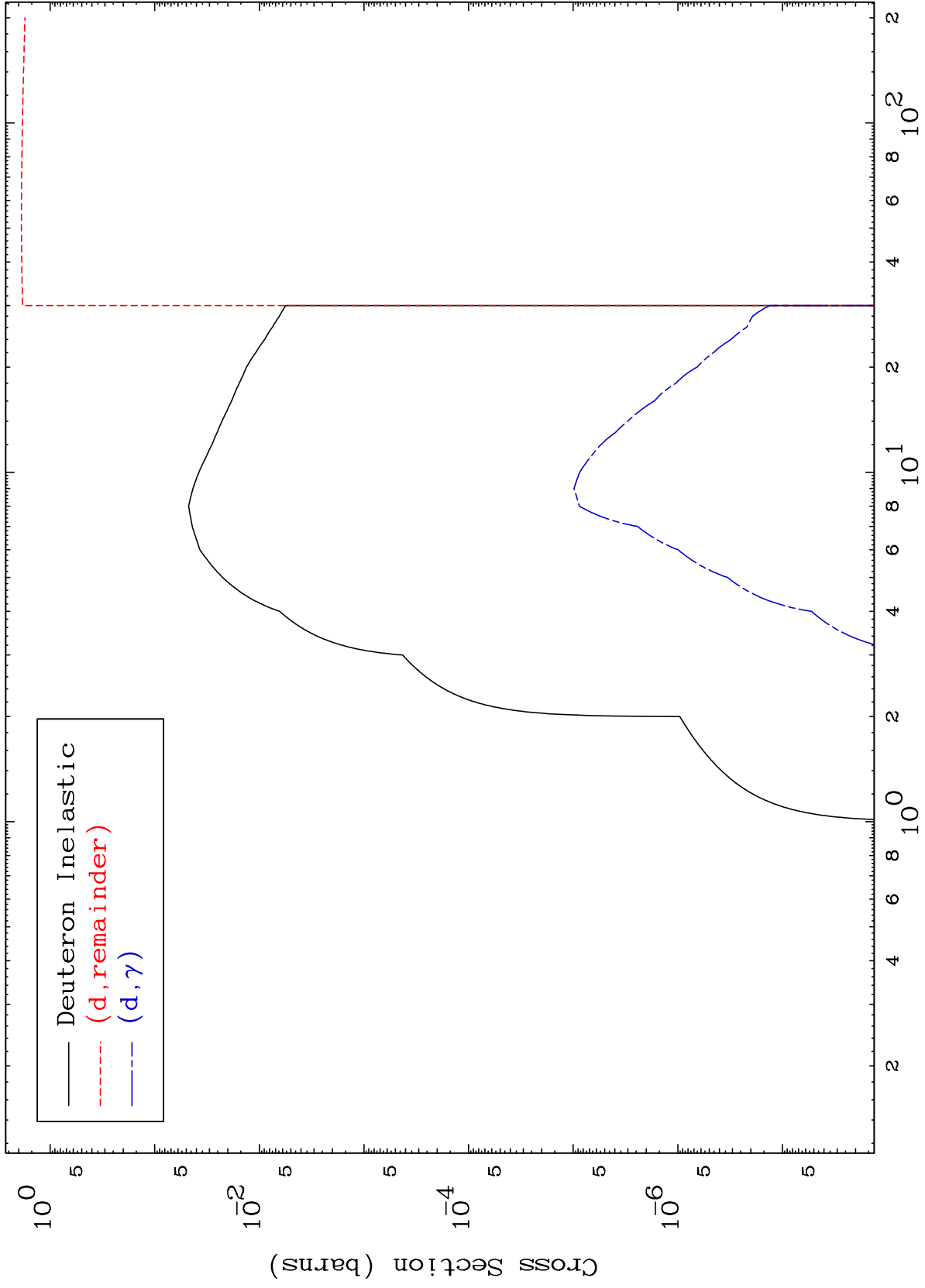
Dermott E. Cullen
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Livermore, CA 94550
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Tele: 925-443-1911

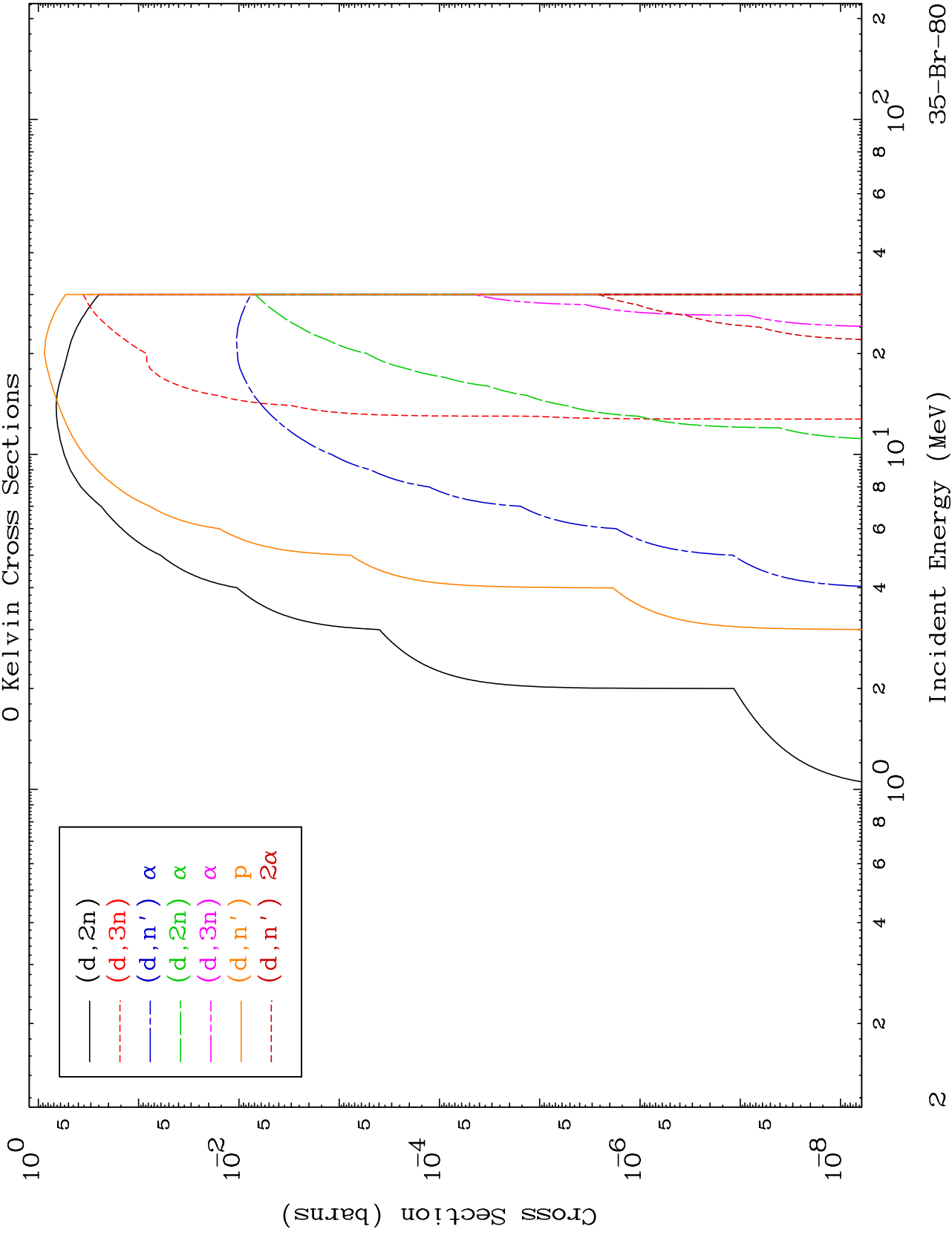
E.Mail:redcullen1@comcast.net

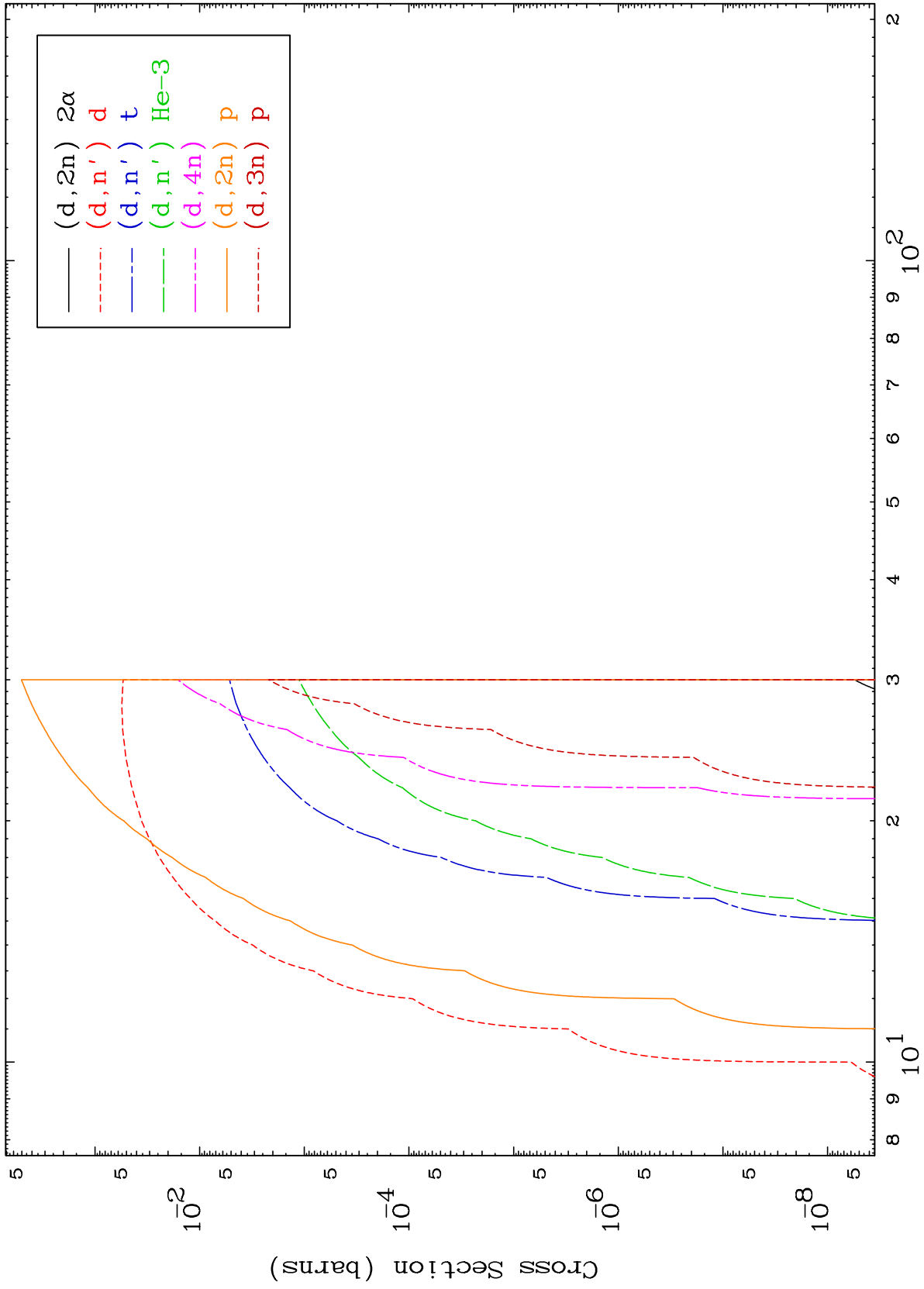
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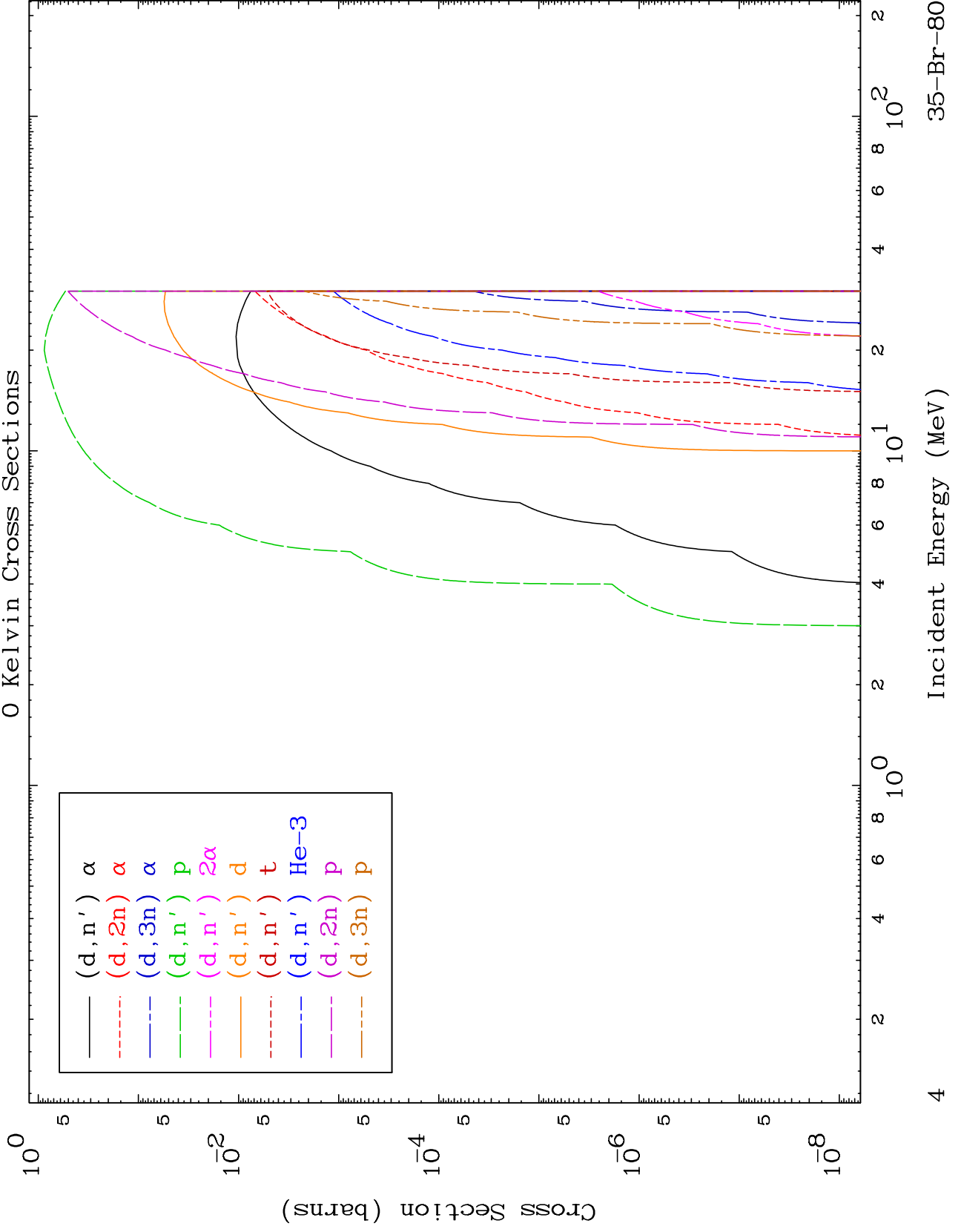
Press Mouse Button to Start

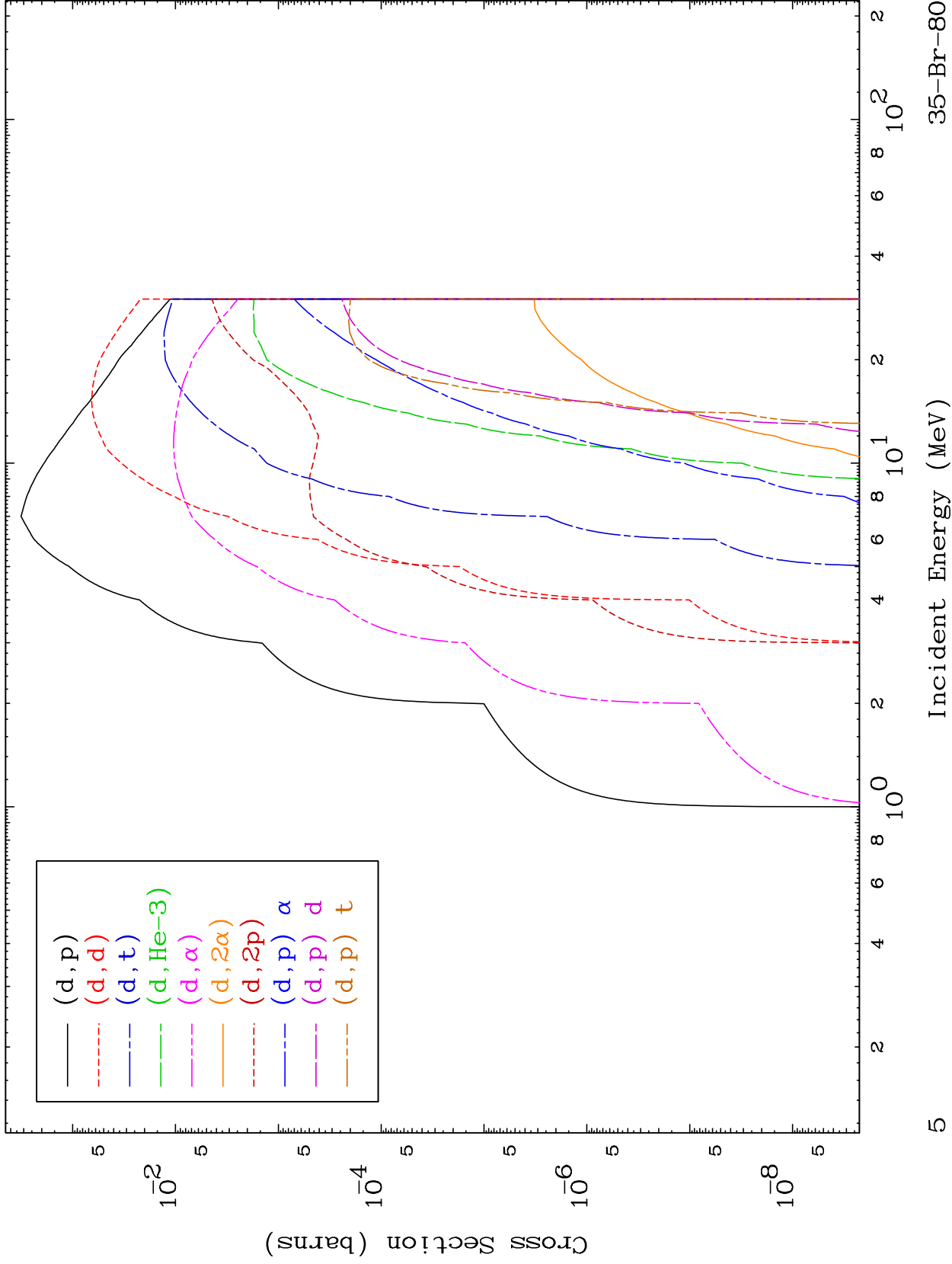


— Deuteron Inelastic
- - - (d, remainder)
- · - (d, γ)







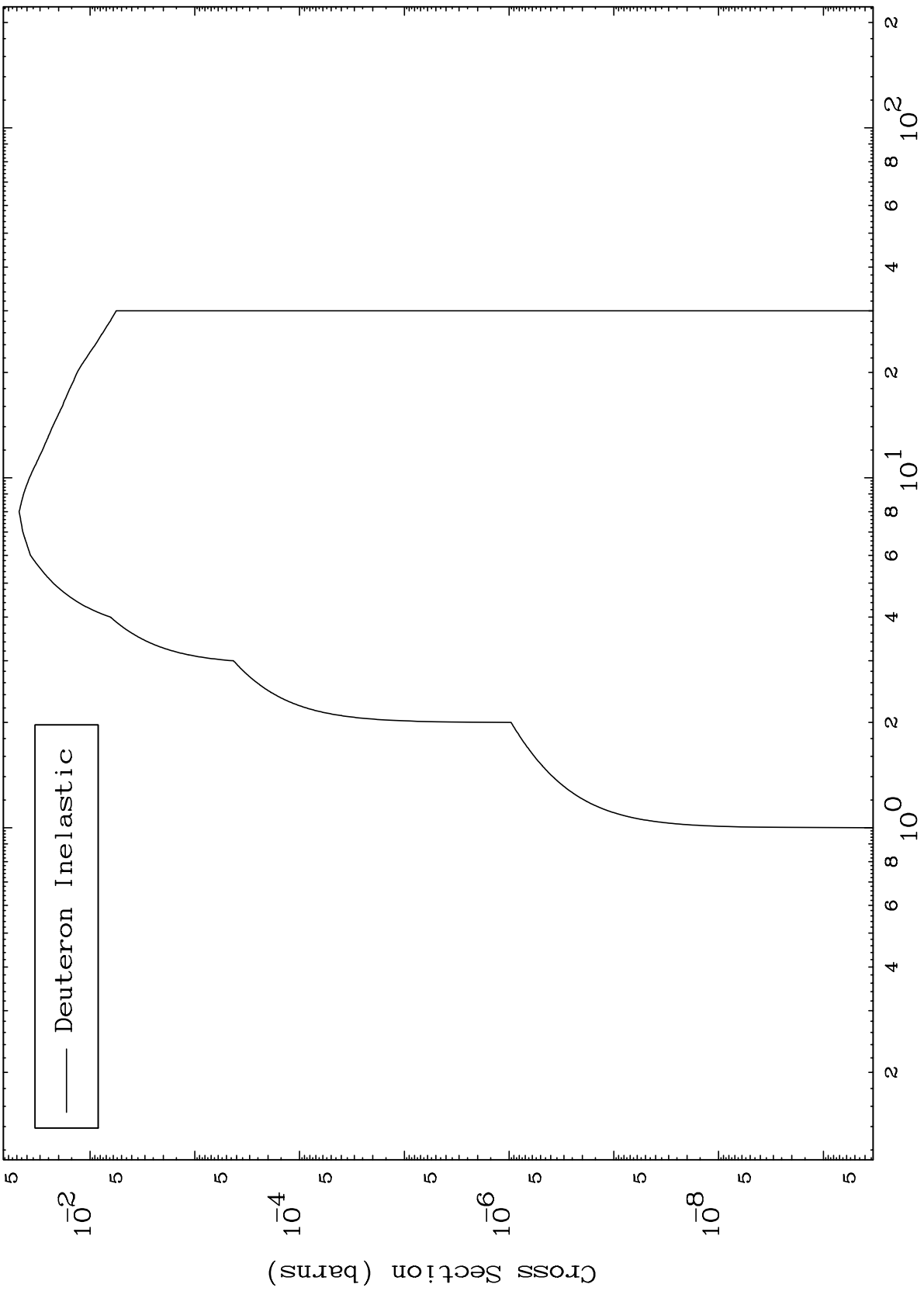


MAT 3529

(d,n') Level

35-Br-80

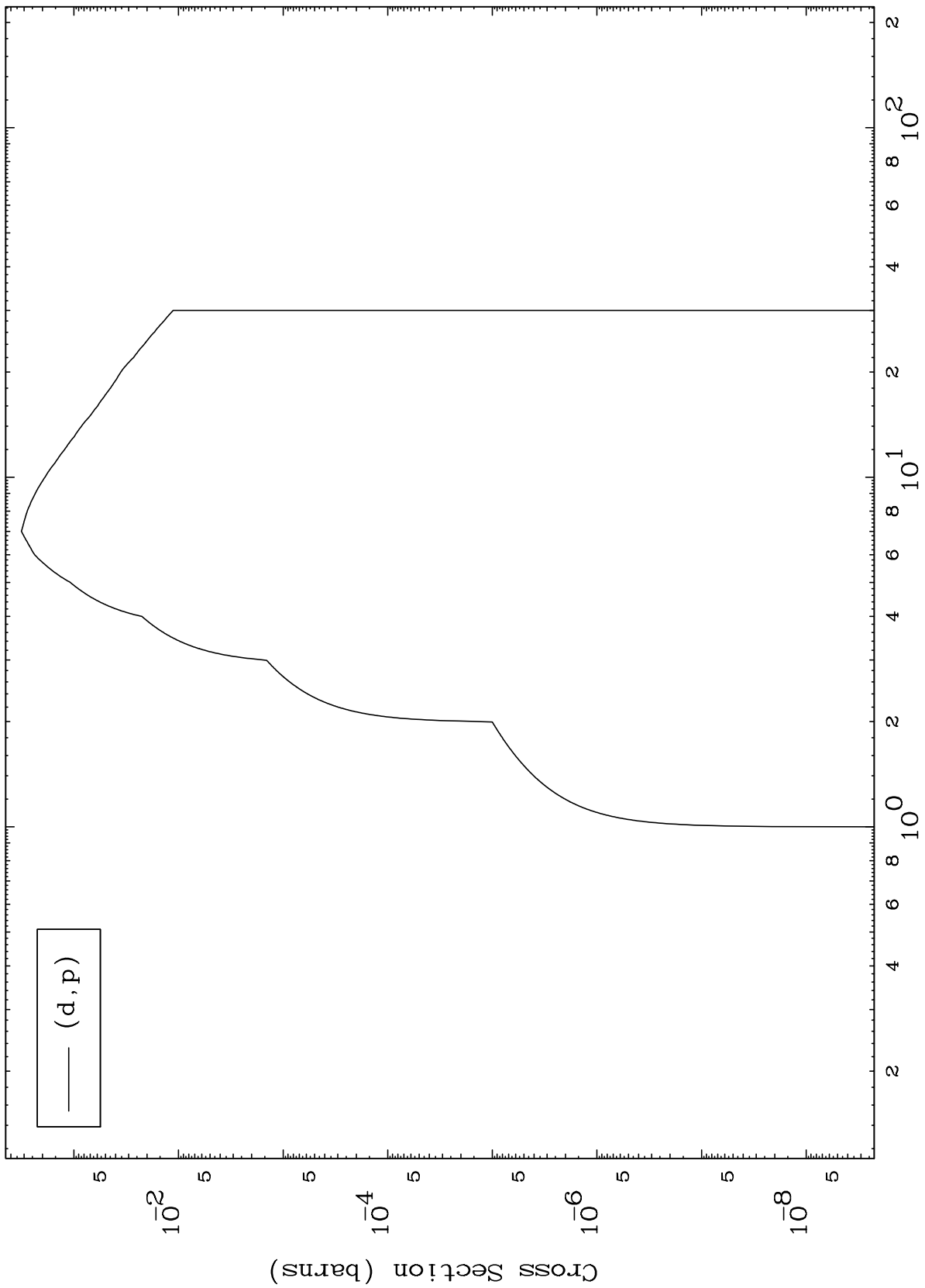
0 Kelvin Cross Sections



MAT 3529

35-Br-80

(d,p) Levels
0 Kelvin Cross Sections



35-Br-80

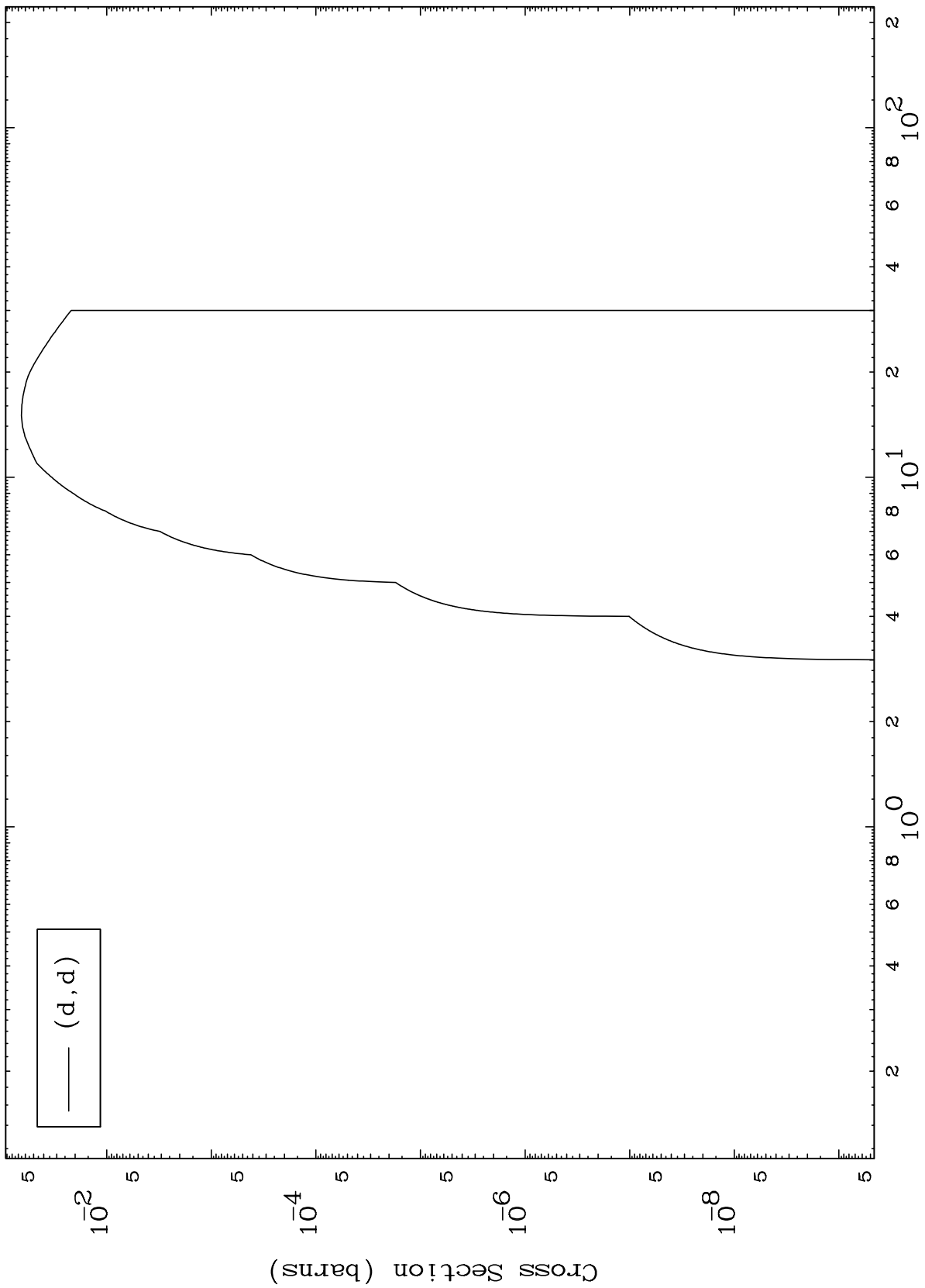
Incident Energy (MeV)

MAT 3529

(d,d) Levels

35-Br-80

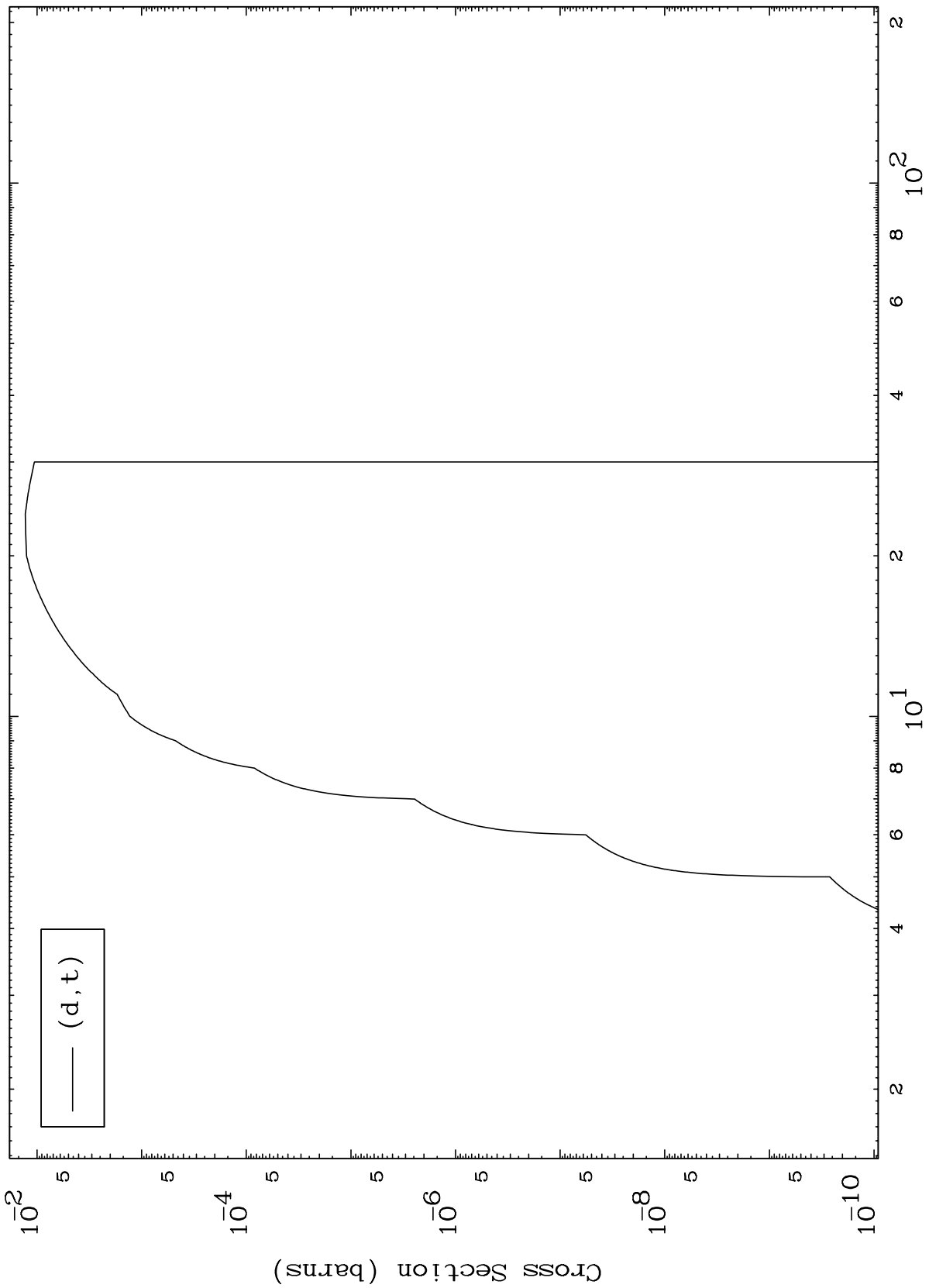
0 Kelvin Cross Sections



MAT 3529

35-Br-80

(d,t) Levels
0 Kelvin Cross Sections



(d,t)

35-Br-80

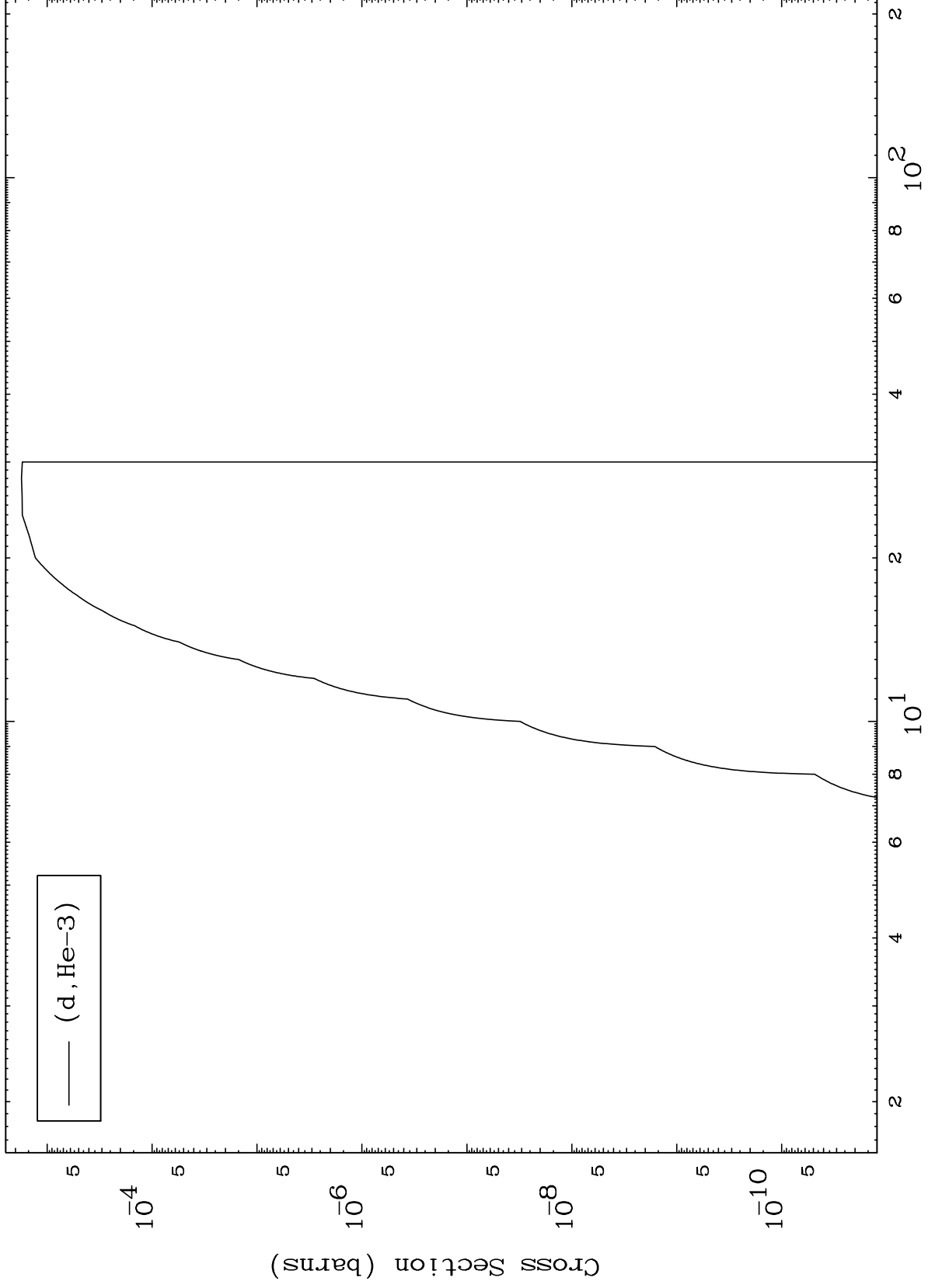
Incident Energy (MeV)

9

MAT 3529

(d,He3) Levels
0 Kelvin Cross Sections

35-Br-80



10

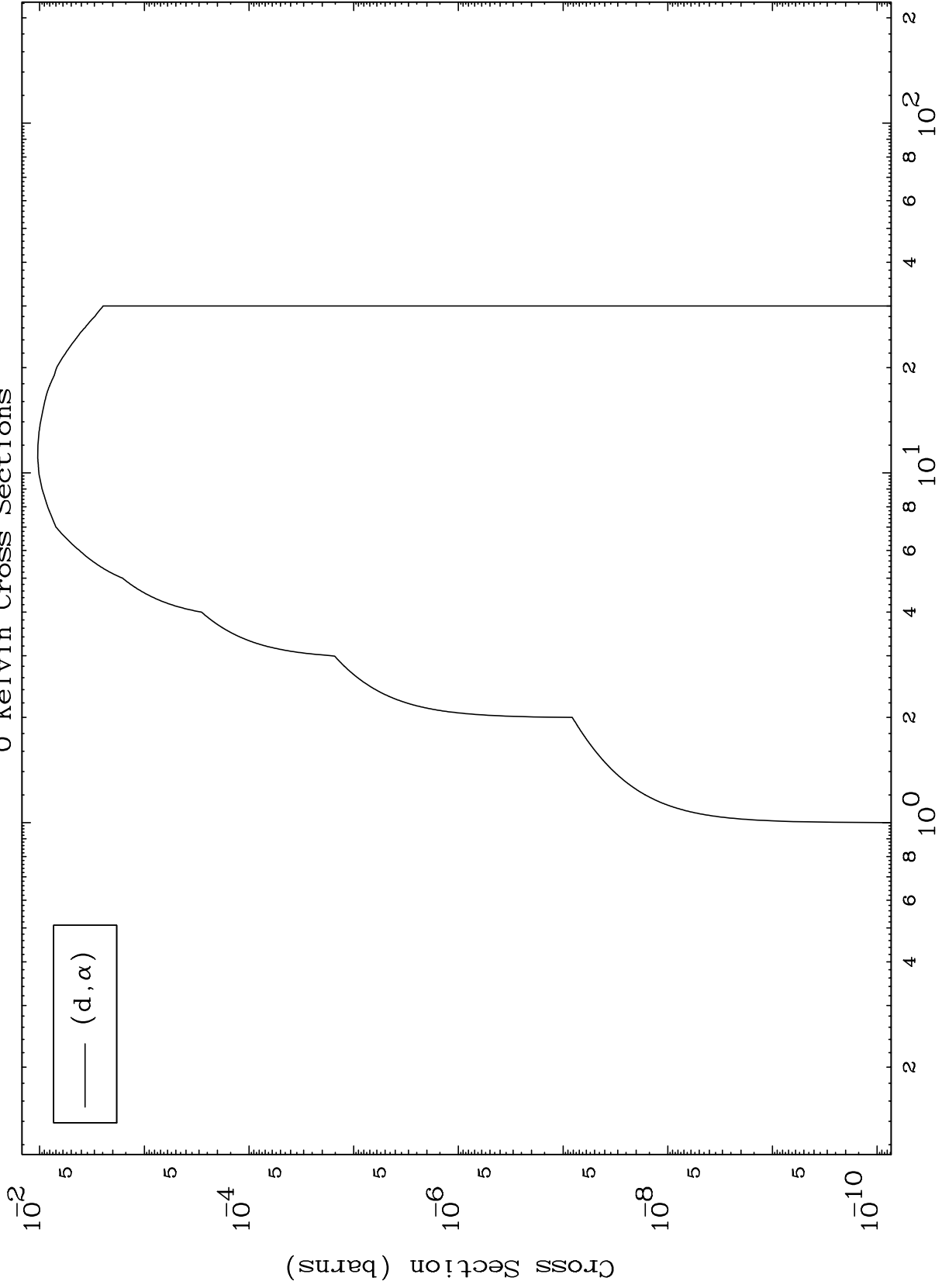
Incident Energy (MeV)

35-Br-80

MAT 3529

35-Br-80

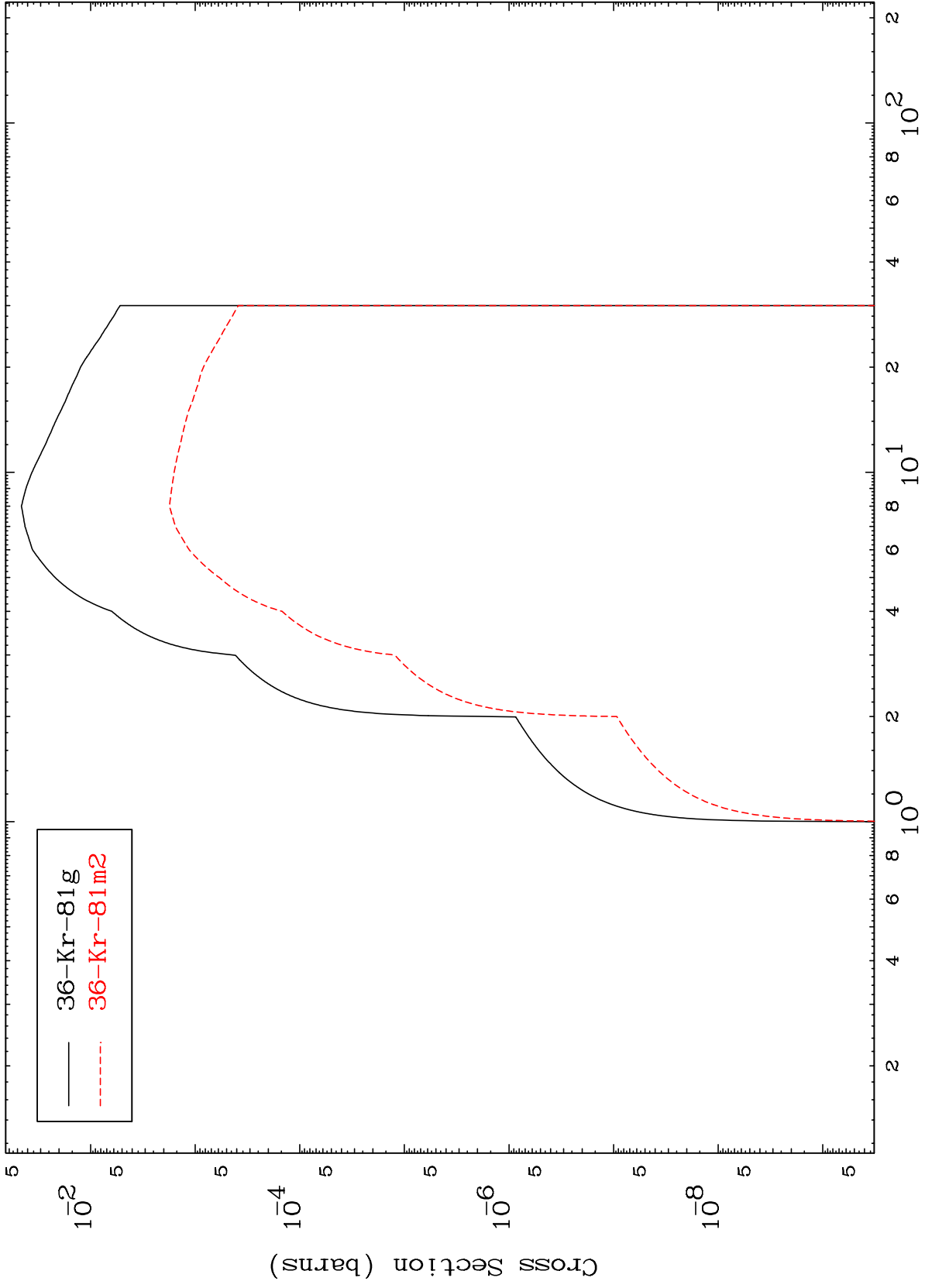
(d, α) Levels
0 Kelvin Cross Sections



MAT 3529

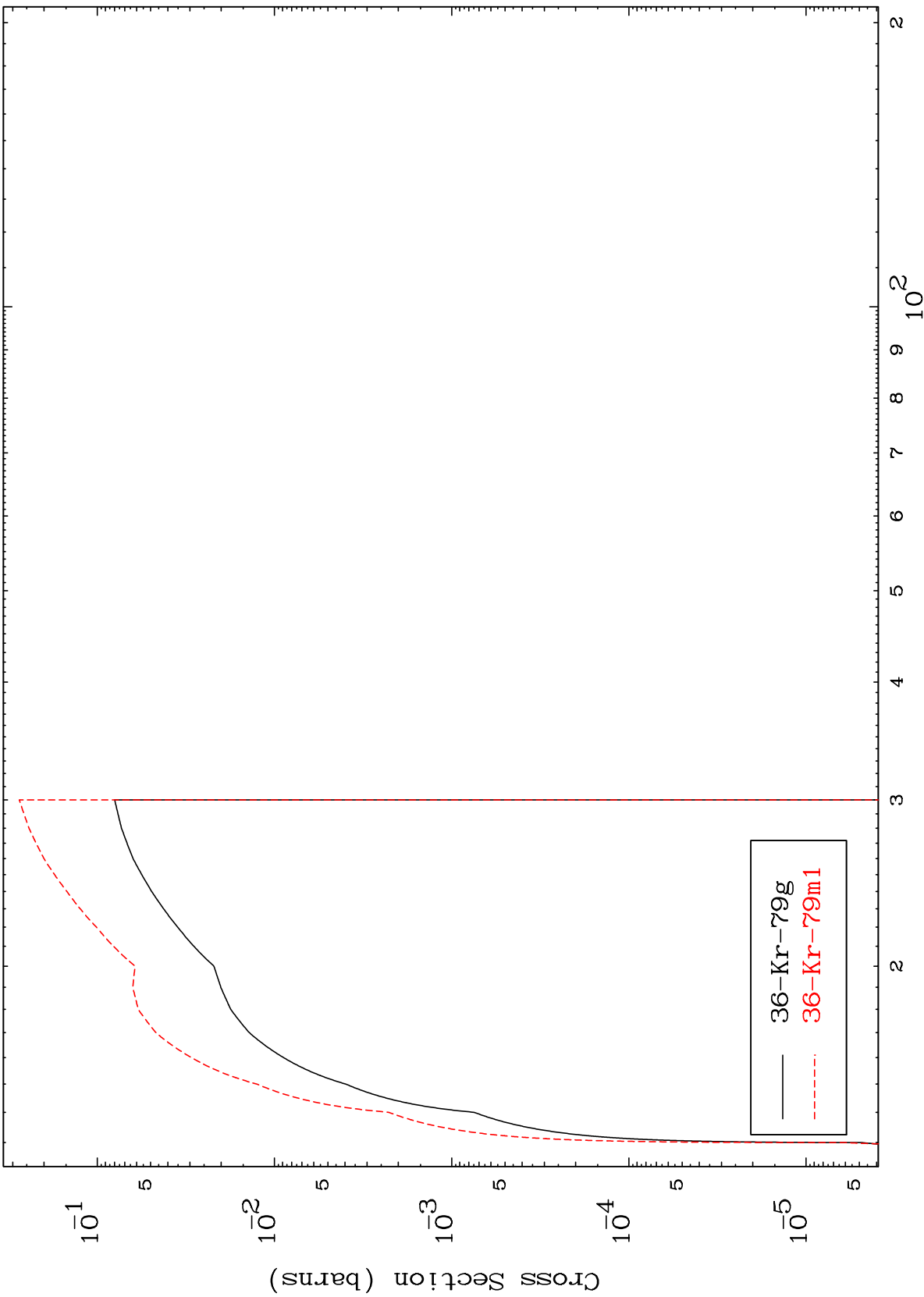
Deuteron Inelastic
Radionuclide Production Cross Section

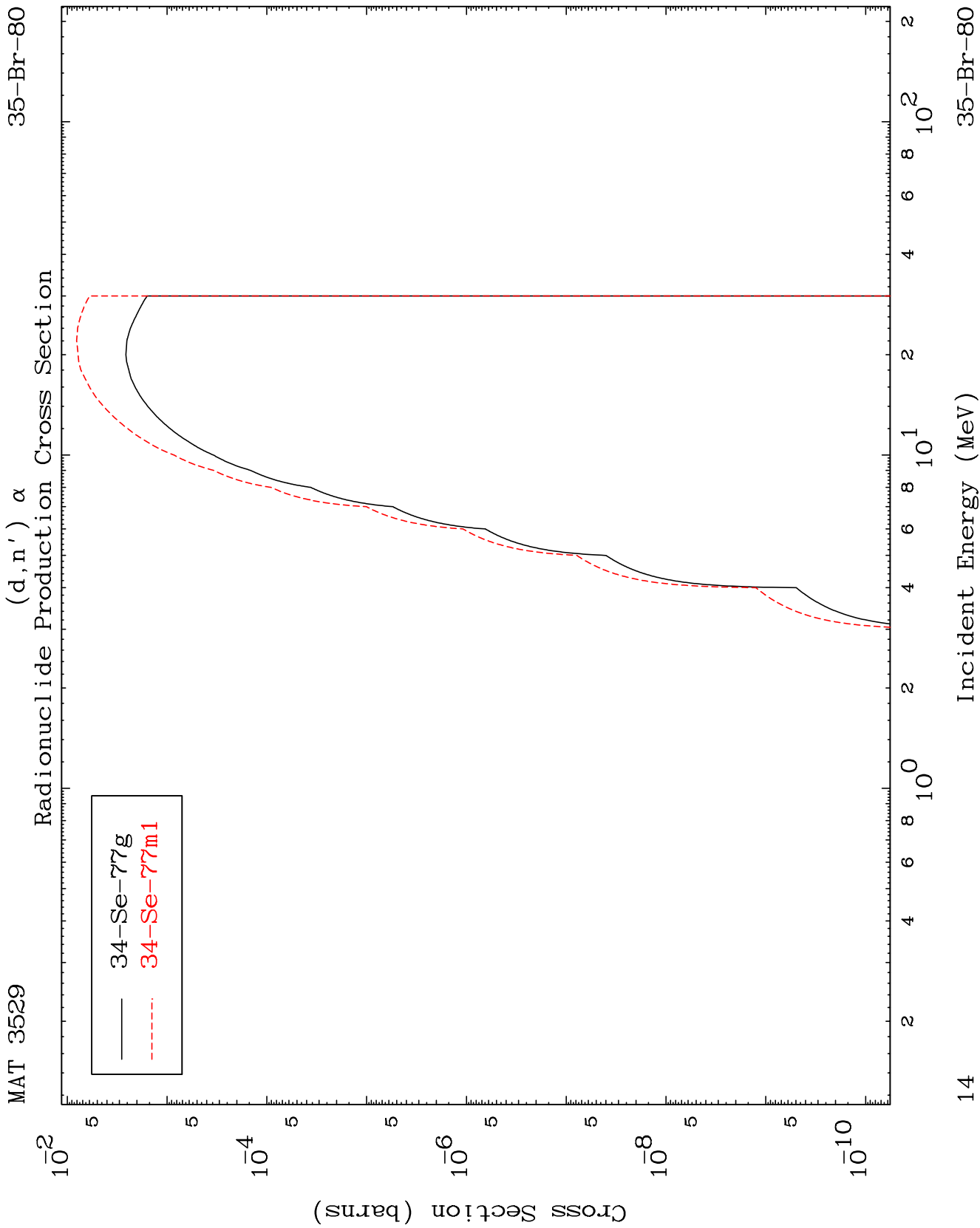
35-Br-80



35-Br-80

Radionuclide Production Cross Section
(d,3n)



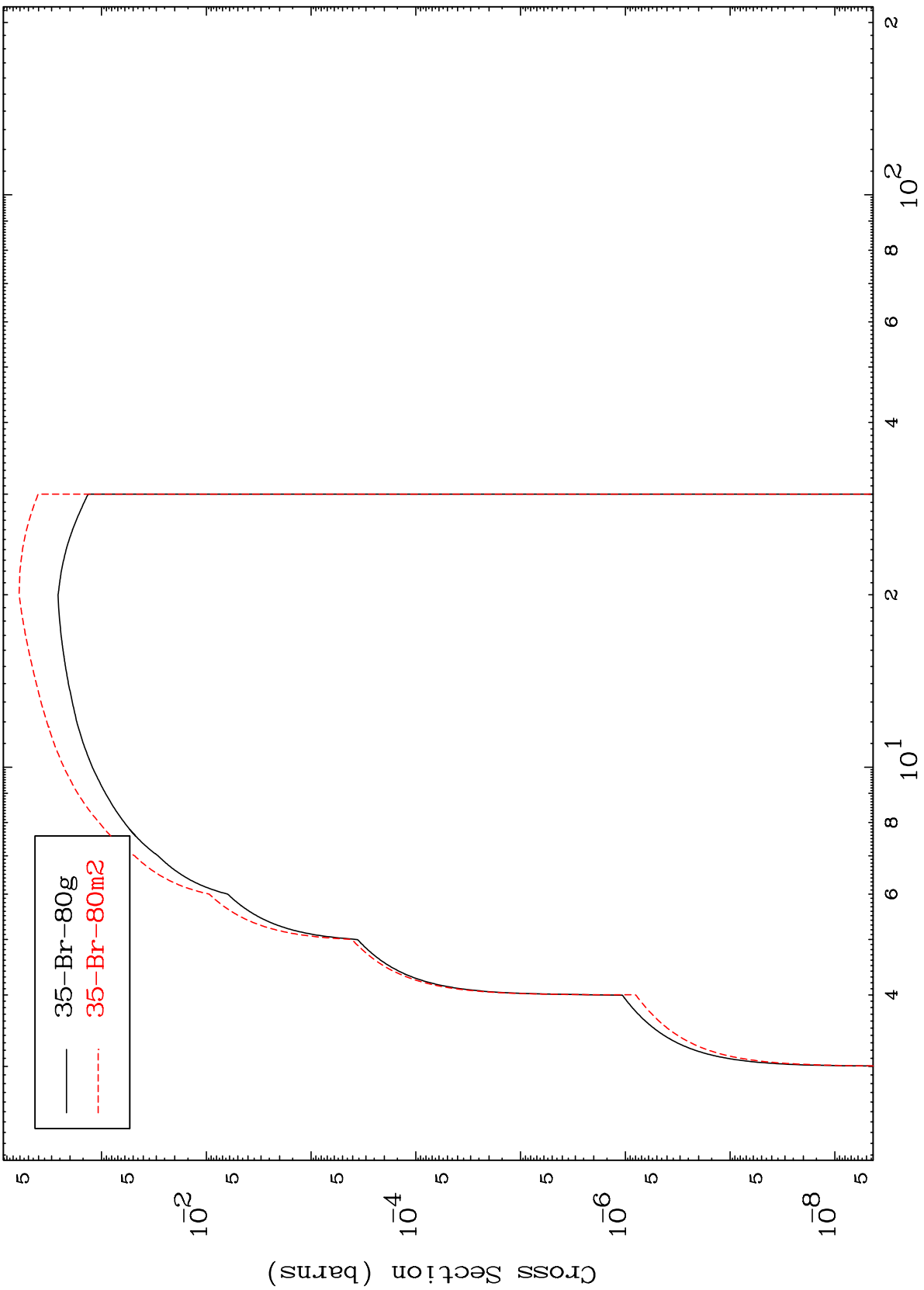


MAT 3529

(d,n') p

³⁵Br-80

Radionuclide Production Cross Section



— 35-Br-80g
- - - 35-Br-80m2

15

Incident Energy (MeV)

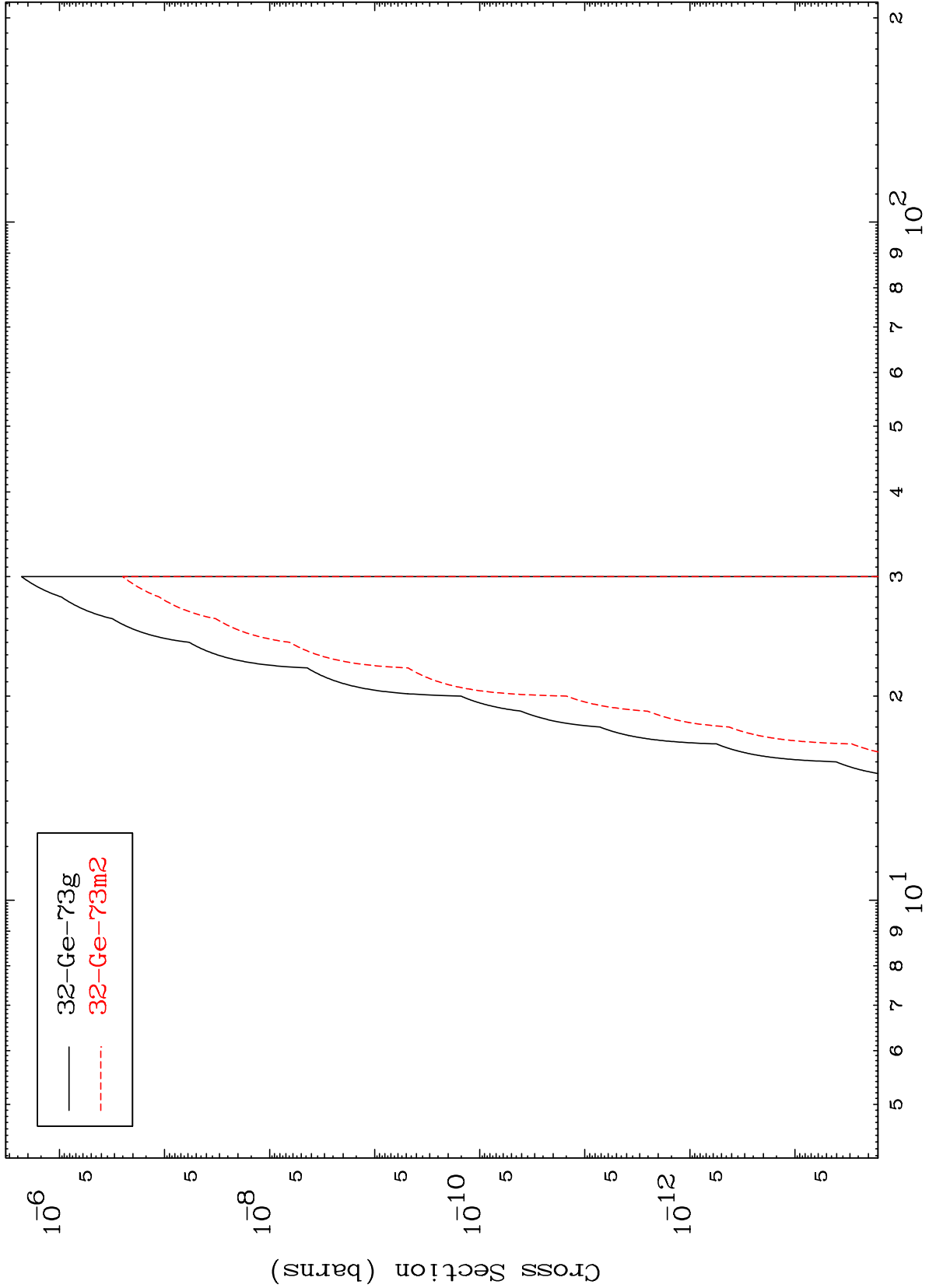
³⁵Br-80

MAT 3529

(d,n') 2α

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

Radionuclide Production Cross Section



16

Incident Energy (MeV)

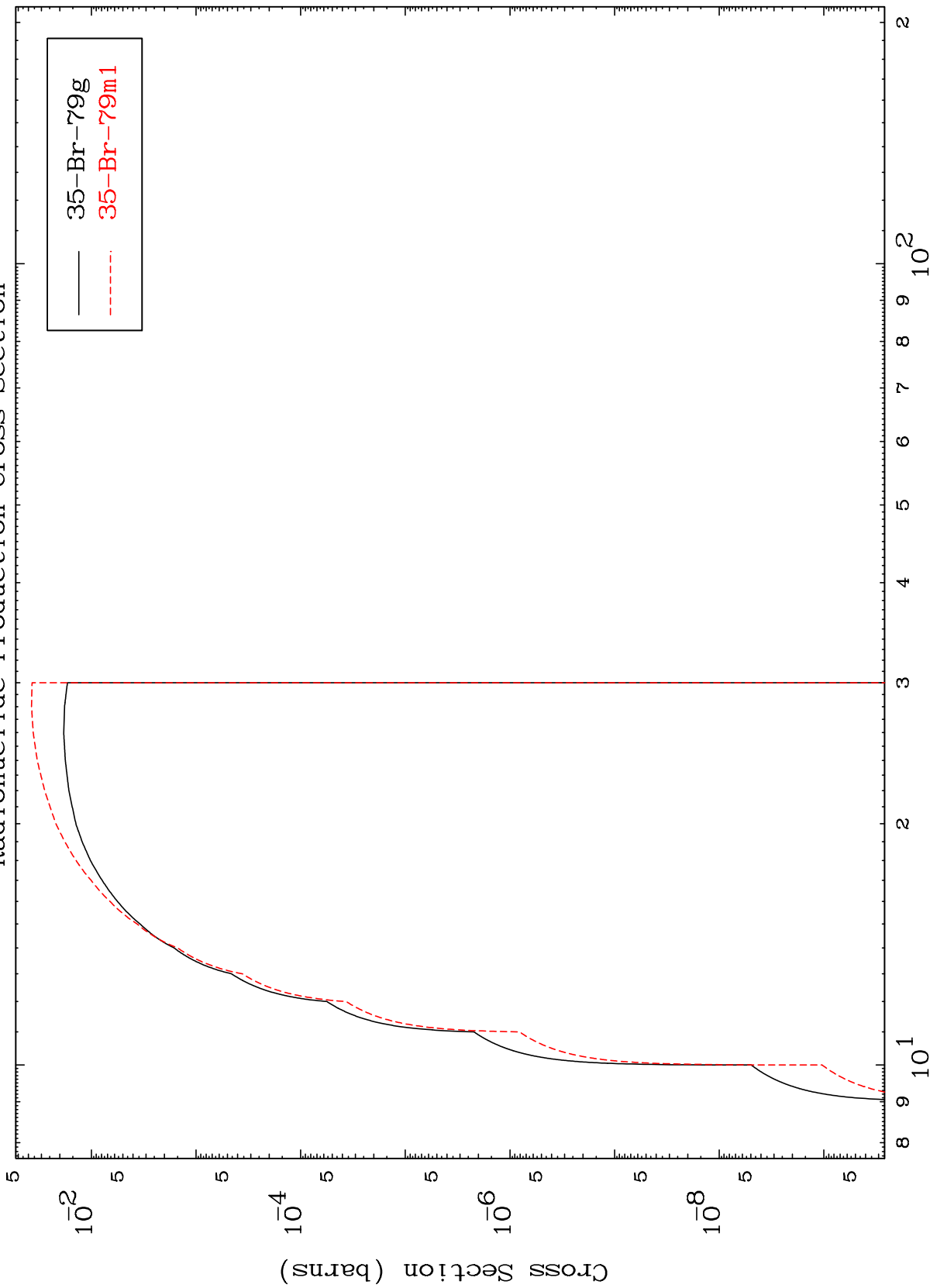
$^{35}\text{Br-80}$

MAT 3529

(d,n') d

35-Br-80

Radionuclide Production Cross Section



17

Incident Energy (MeV)

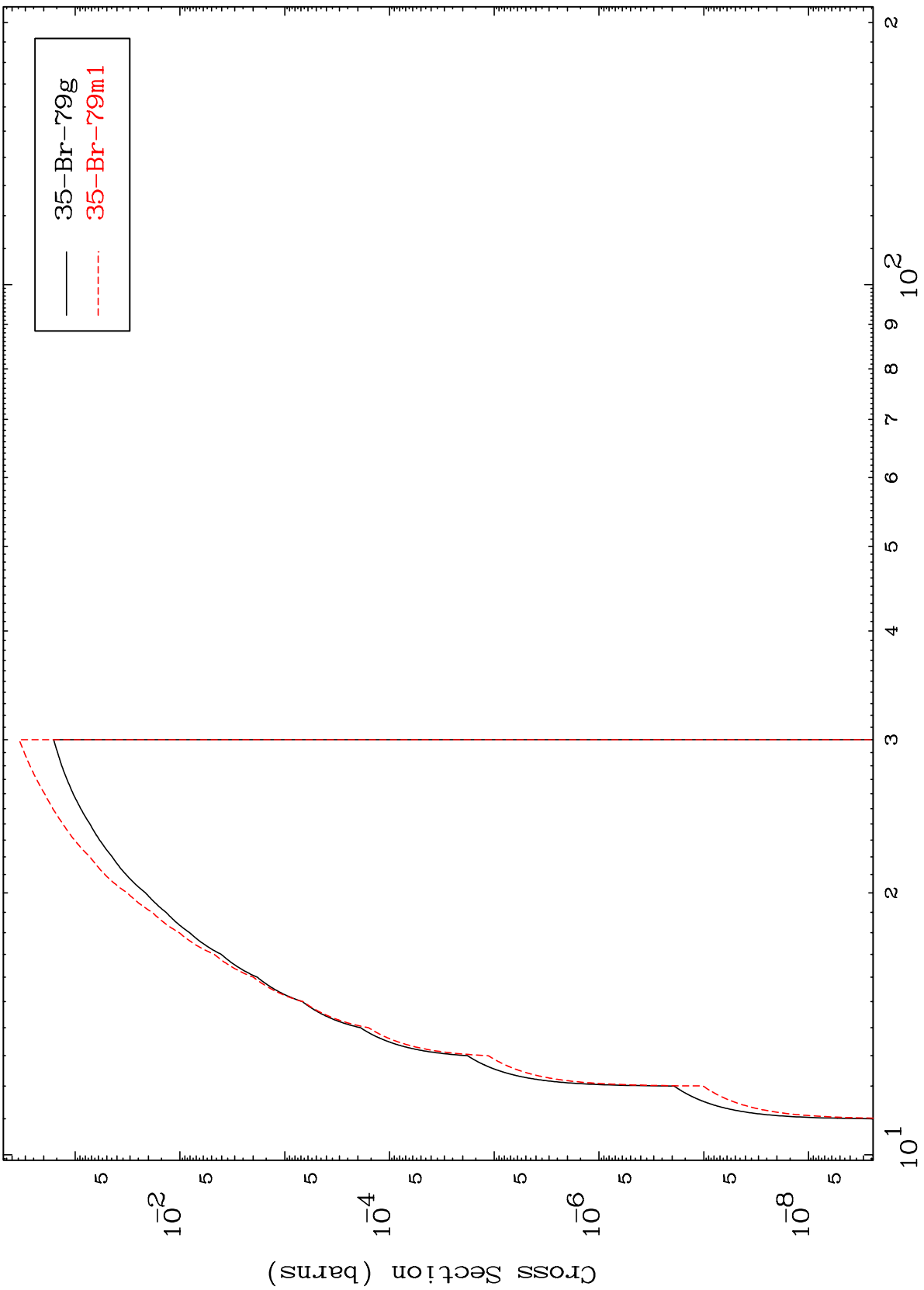
35-Br-80

MAT 3529

(d,2n) p

³⁵Br-80

Radionuclide Production Cross Section



18

Incident Energy (MeV)

10²

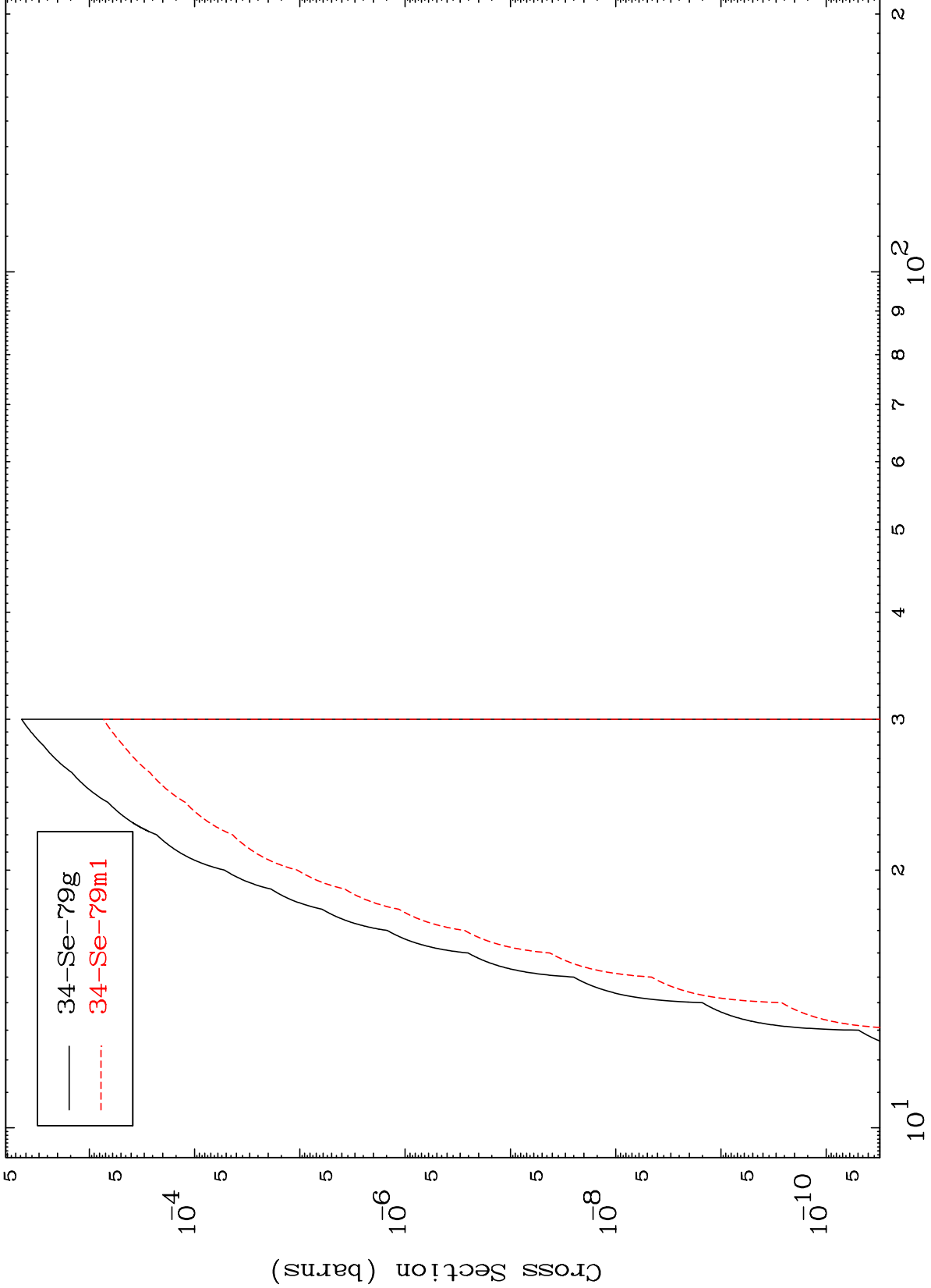
³⁵Br-80

MAT 3529

(d,2n) p

³⁵Br-80

Radionuclide Production Cross Section



— 34-Se-79g
- - - 34-Se-79m1

Incident Energy (MeV)

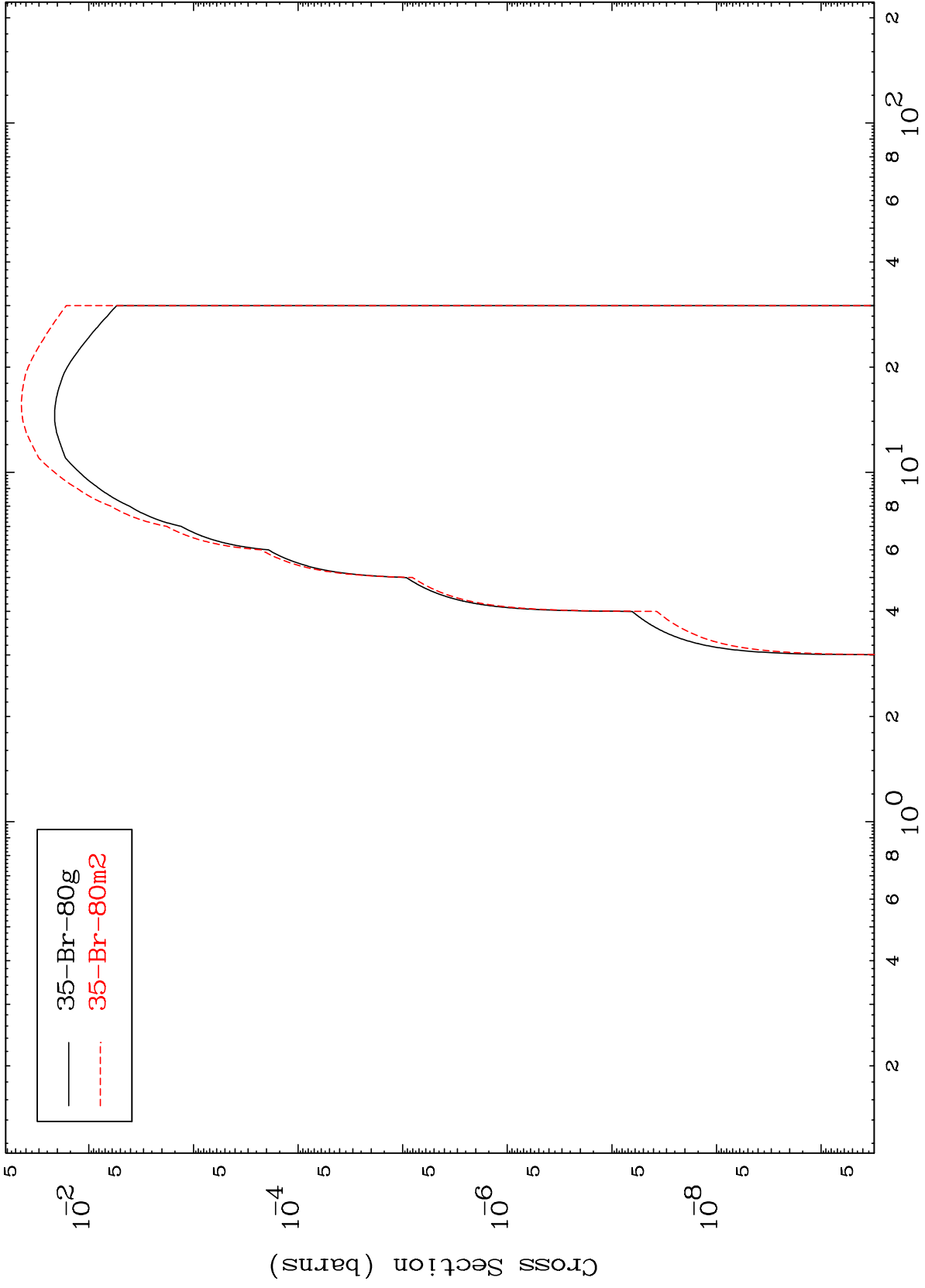
³⁵Br-80

MAT 3529

(d,d)

³⁵Br-80

Radionuclide Production Cross Section



— 35-Br-80g
- - - 35-Br-80m2

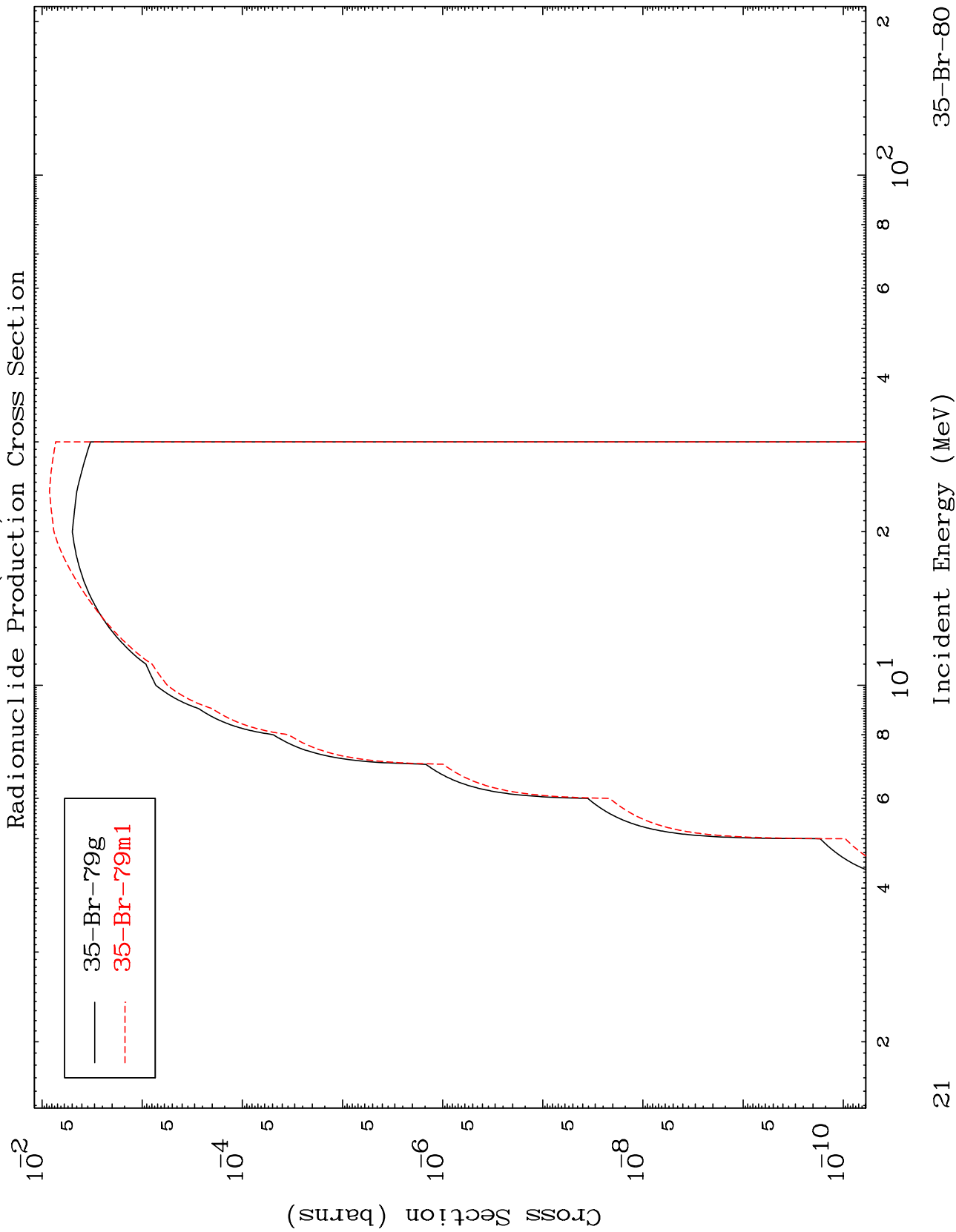
20

Incident Energy (MeV)

³⁵Br-80

MAT 3529

³⁵Br-80



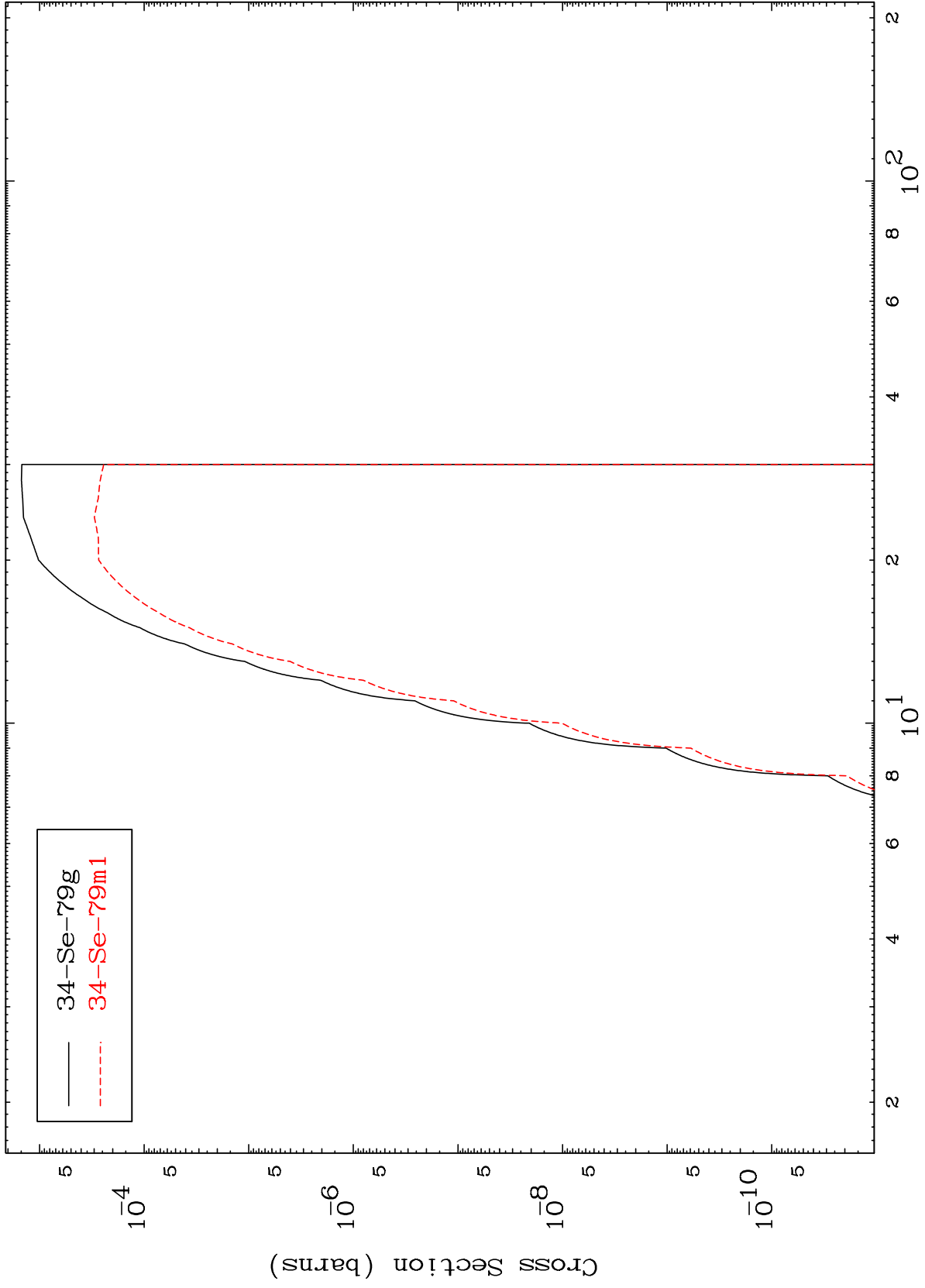
— 35-Br-79g
- - - 35-Br-79m1

MAT 3529

(d,He-3)

35-Br-80

Radionuclide Production Cross Section



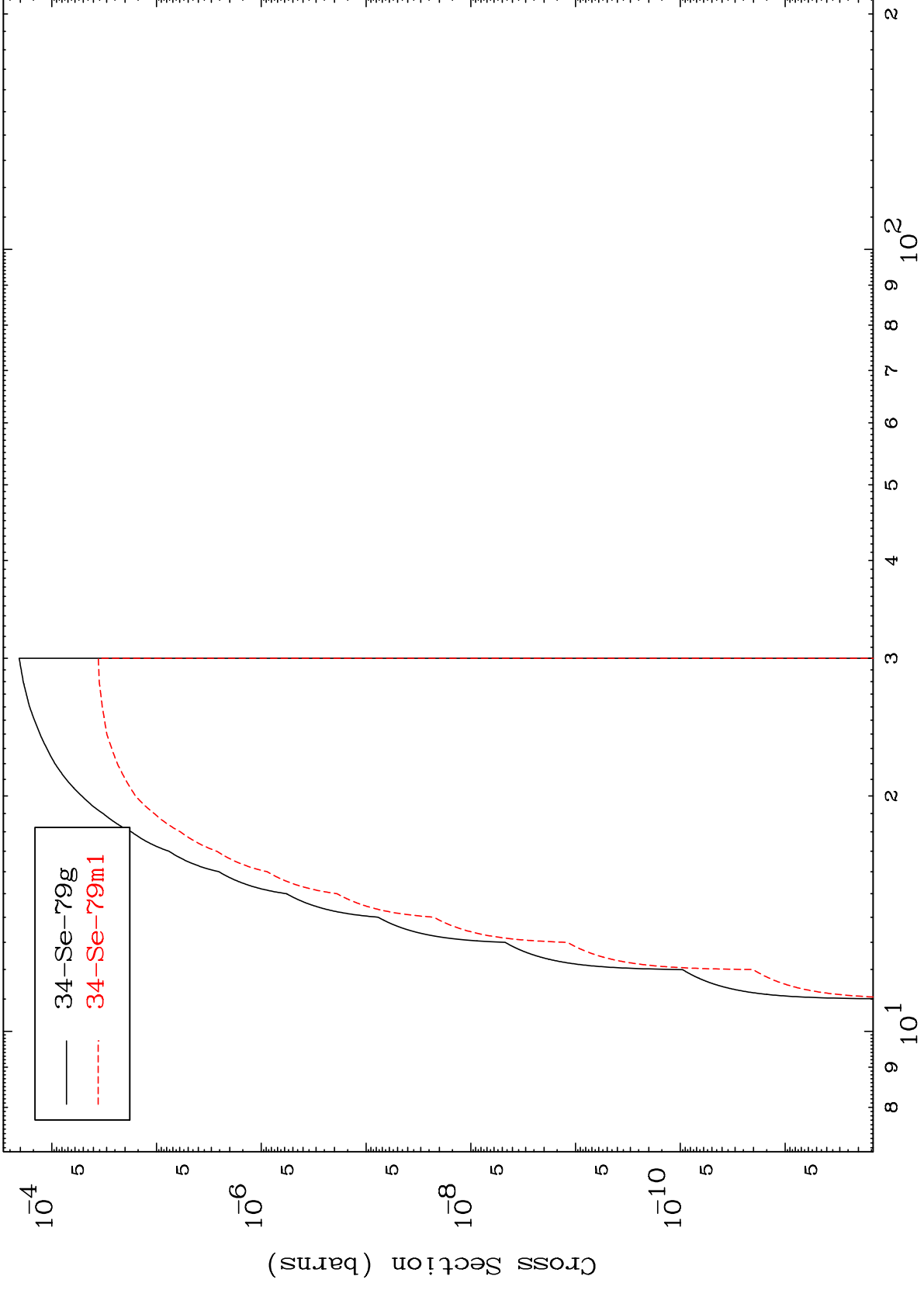
— 34-Se-79g
- - - 34-Se-79m1

MAT 3529

(d,p) d

35-Br-80

Radionuclide Production Cross Section



34-Se-79g
34-Se-79m1

Incident Energy (MeV)

35-Br-80

23