

Program EVALPLOT  
(Version 2018-1)

by

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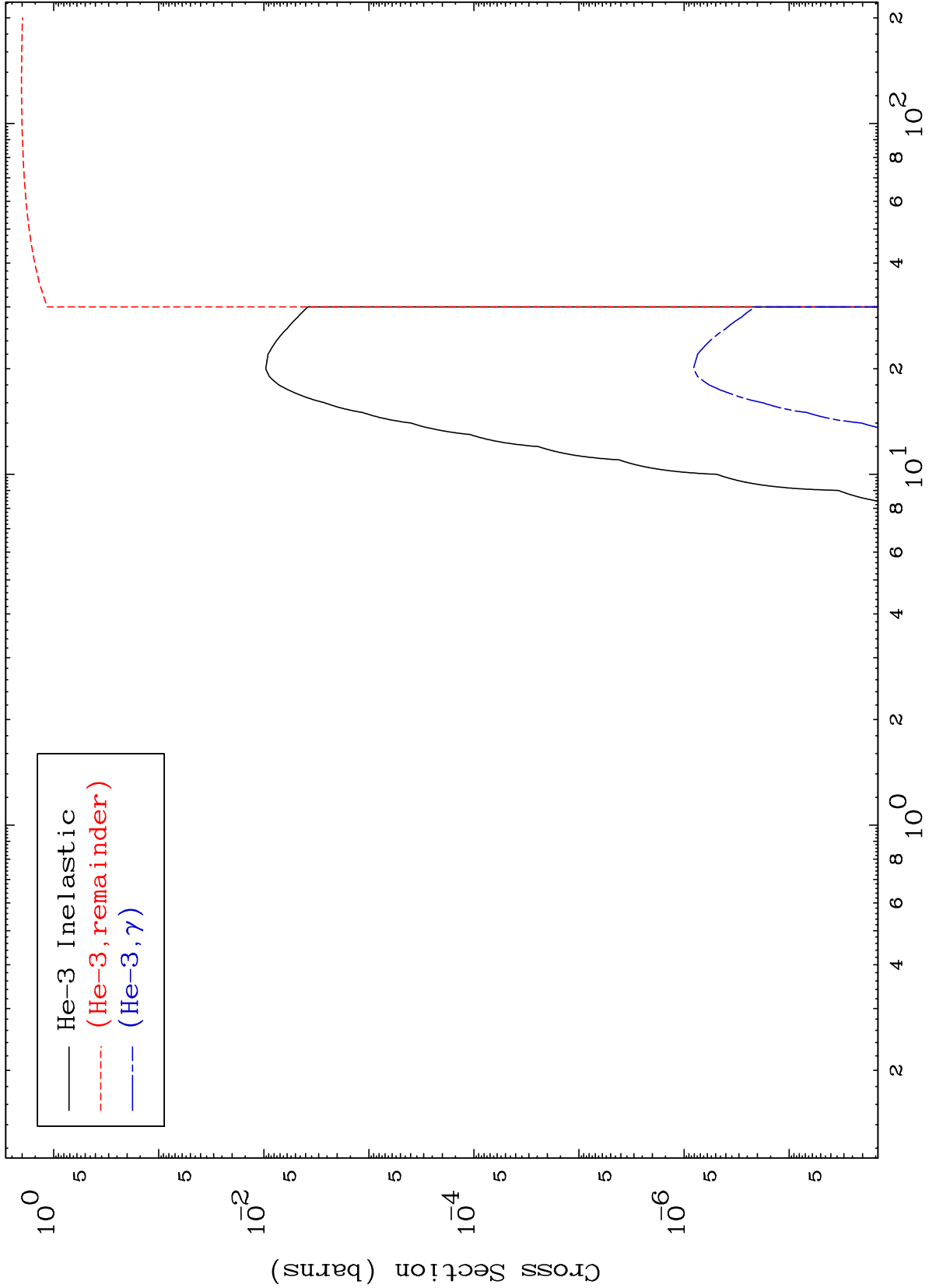
Press Mouse Button to Start

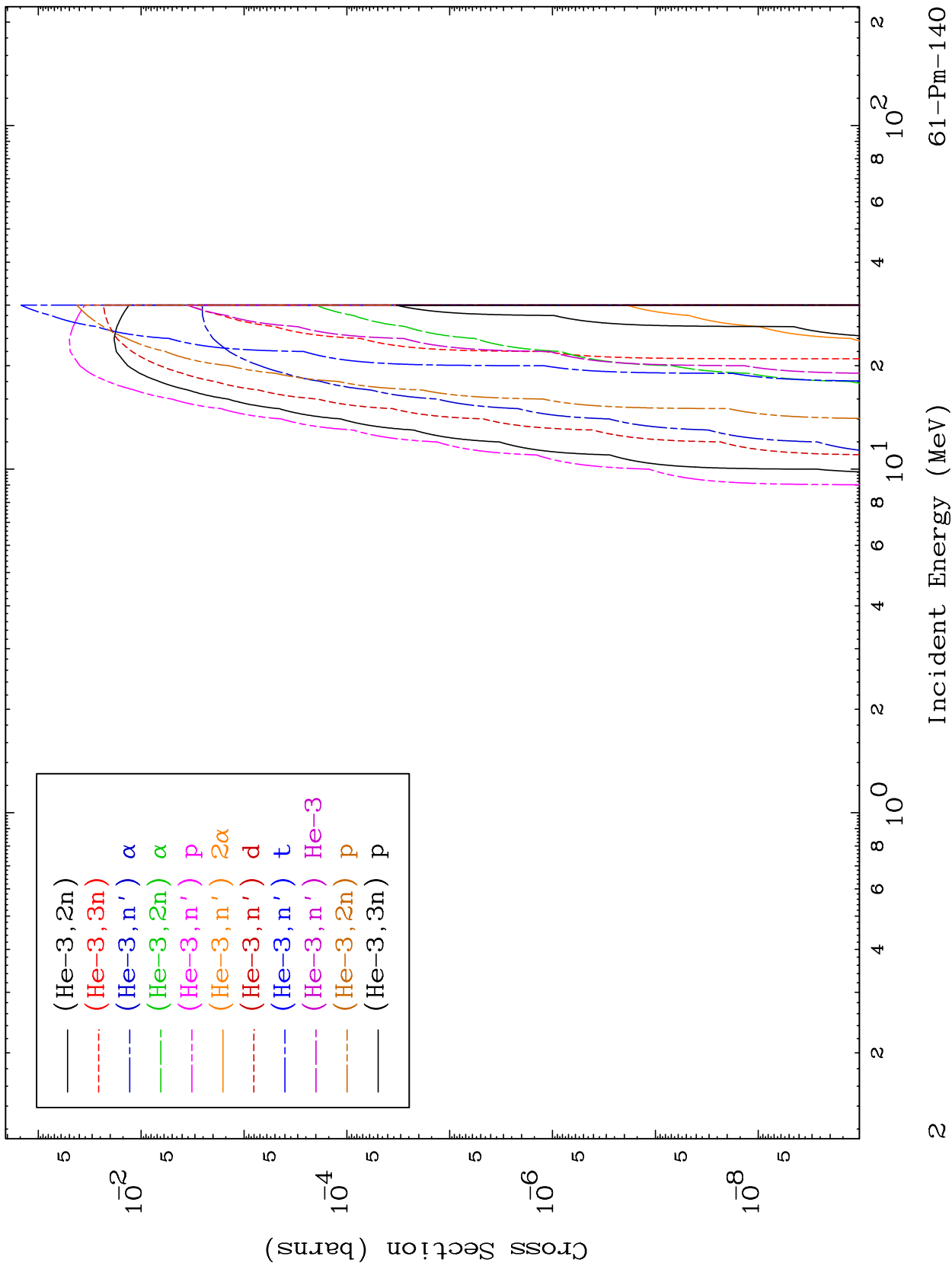
MAT 6128

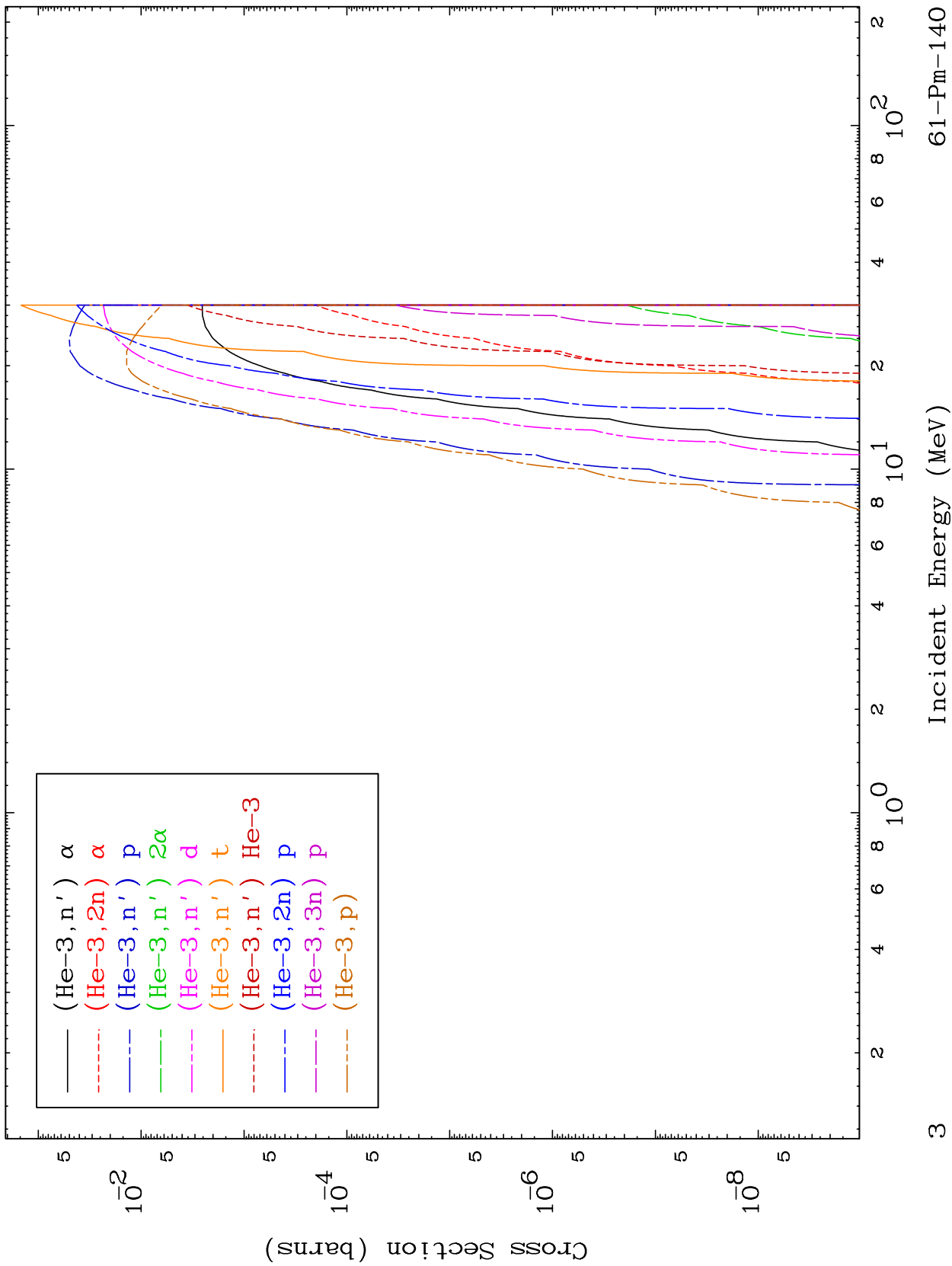
He-3 Major

61-Pm-140

0 Kelvin Cross Sections



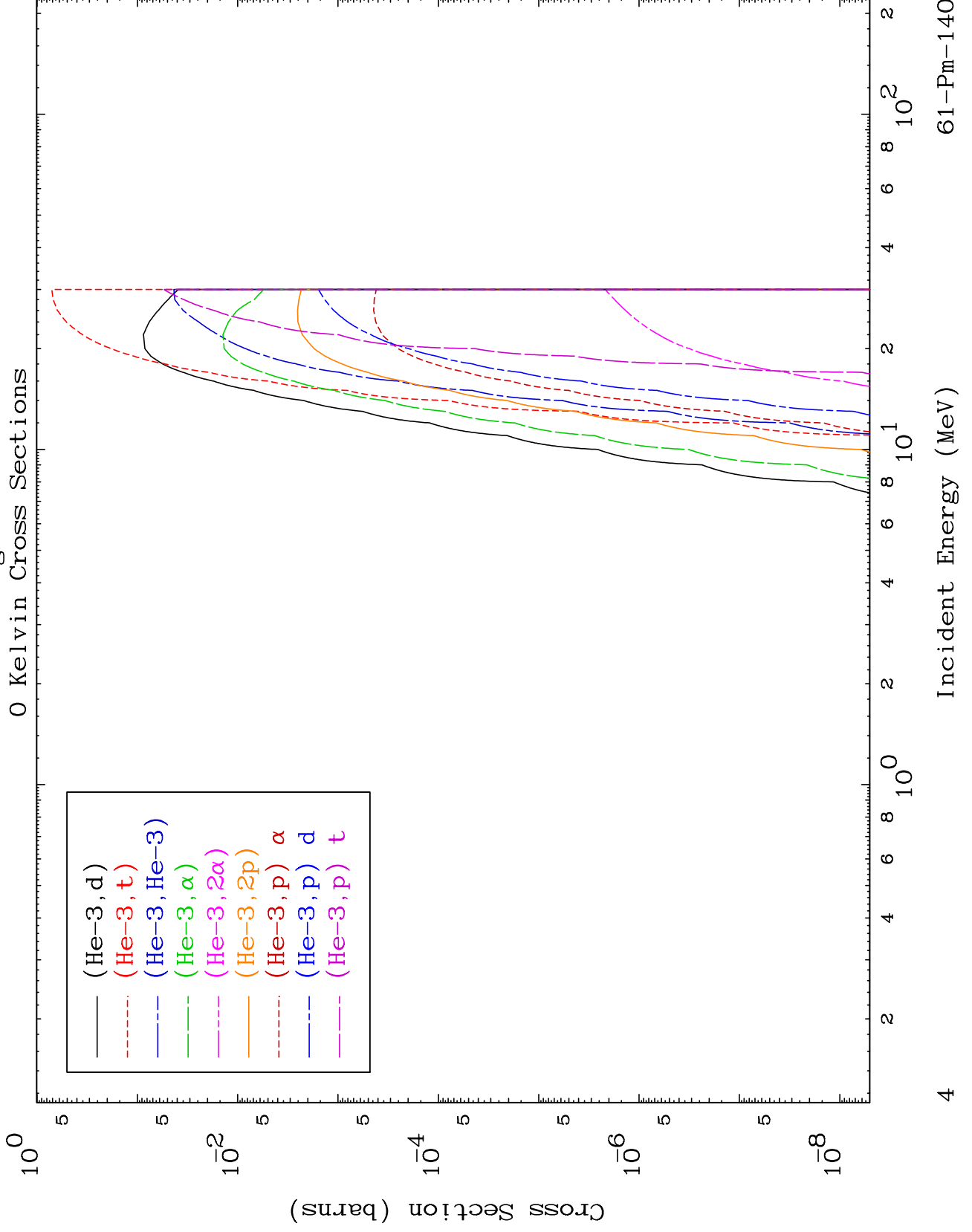




MAT 6128

He-3 Charged Particle  
0 Kelvin Cross Sections

61-Pm-140

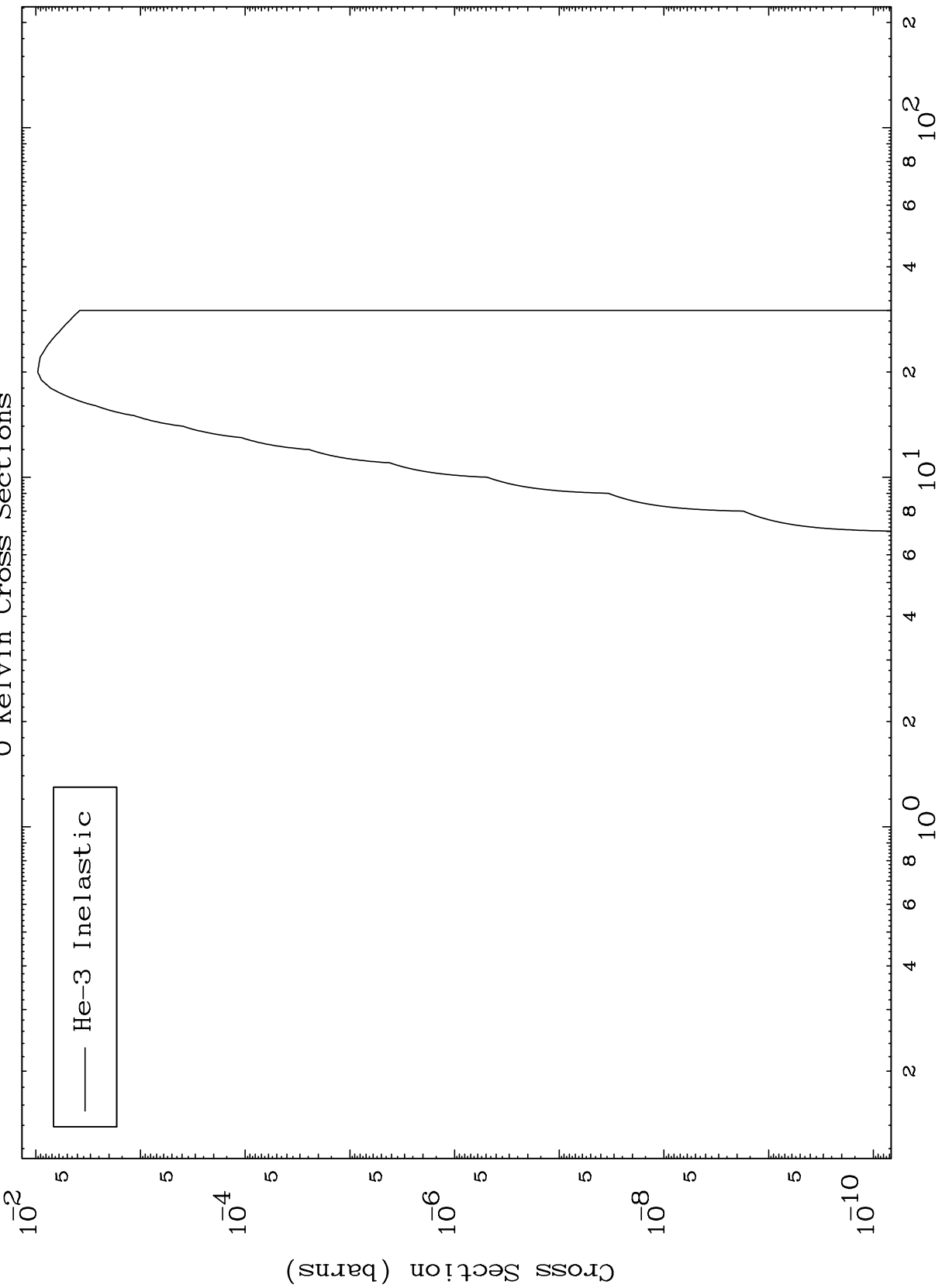


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(He-3, n') Level

61-Pm-140

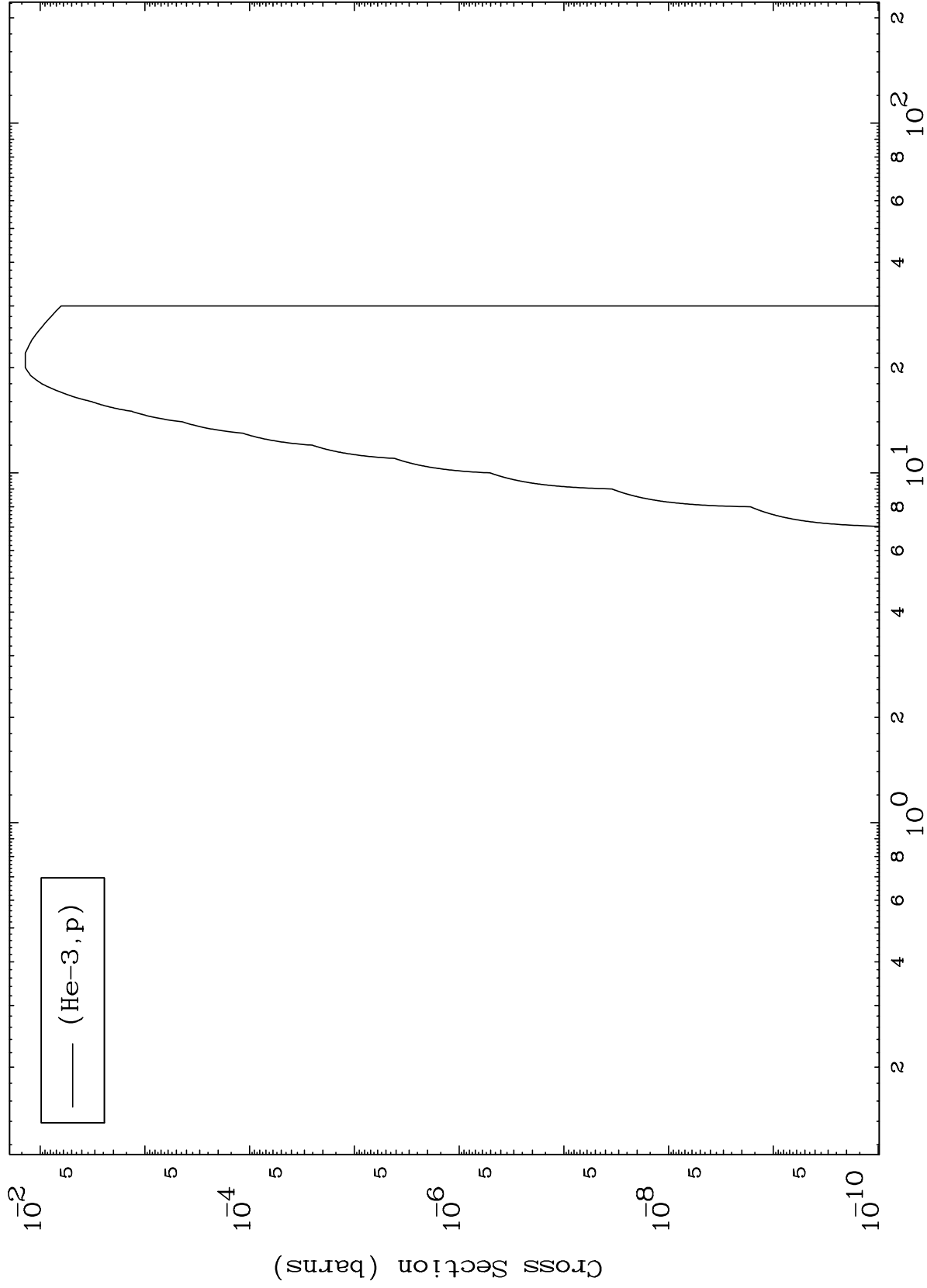
0 Kelvin Cross Sections



MAT 6128

61-Pm-140

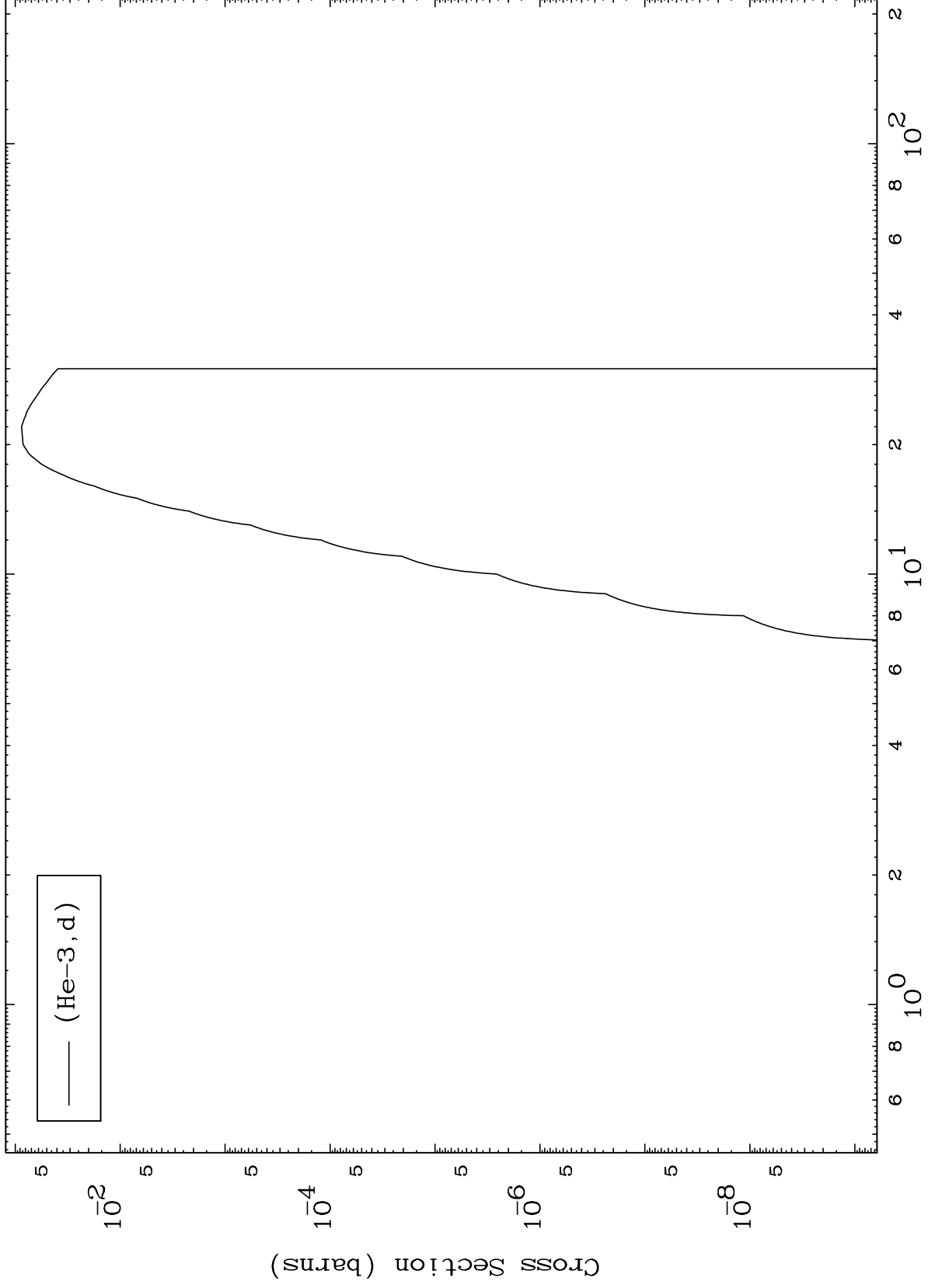
(He-3,p) Levels  
0 Kelvin Cross Sections



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(He-3,d) Levels  
0 Kelvin Cross Sections

61-Pm-140



7

Incident Energy (MeV)

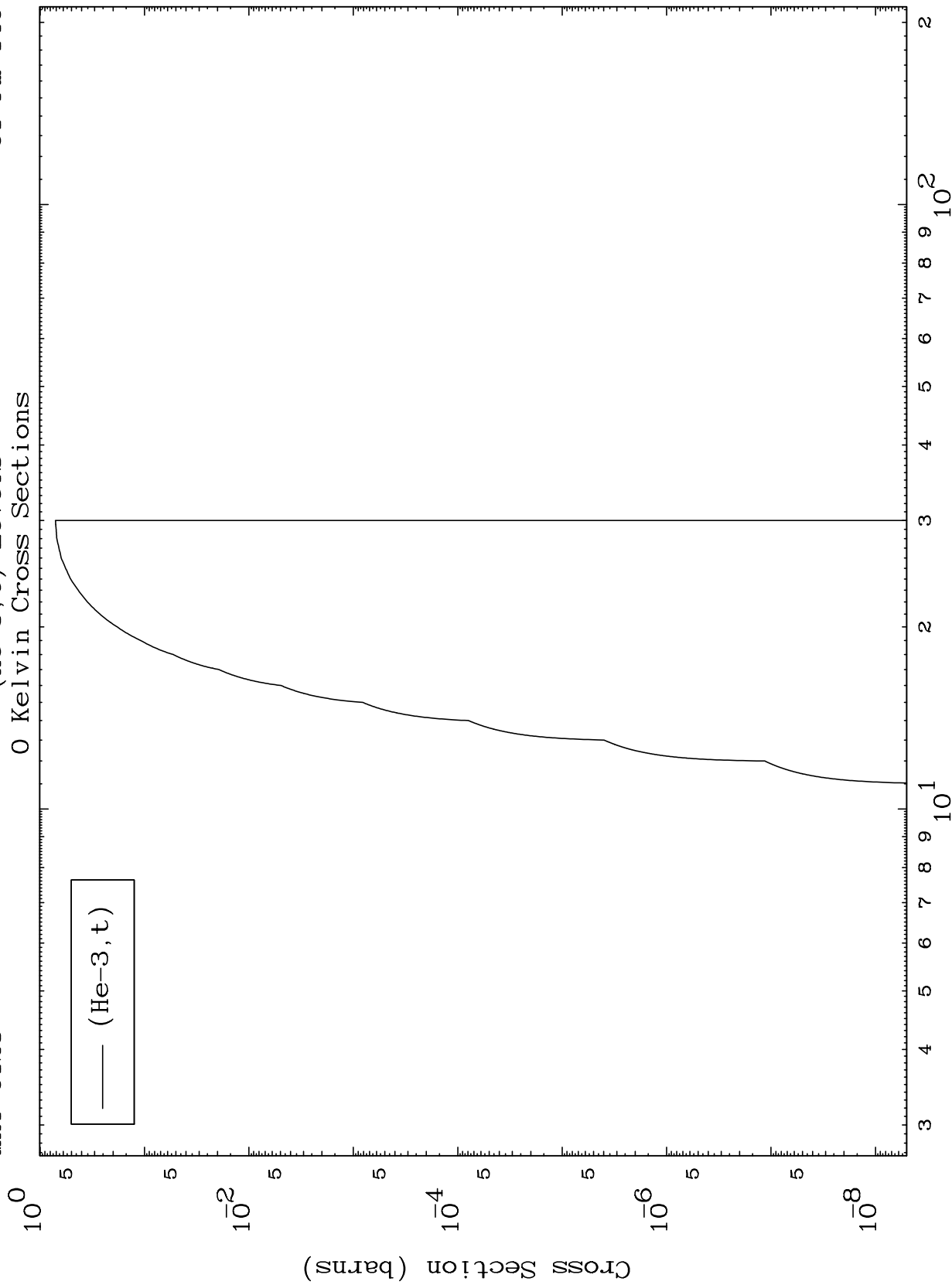
61-Pm-140



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61-Pm-140

(He-3,t) Levels  
0 Kelvin Cross Sections



8

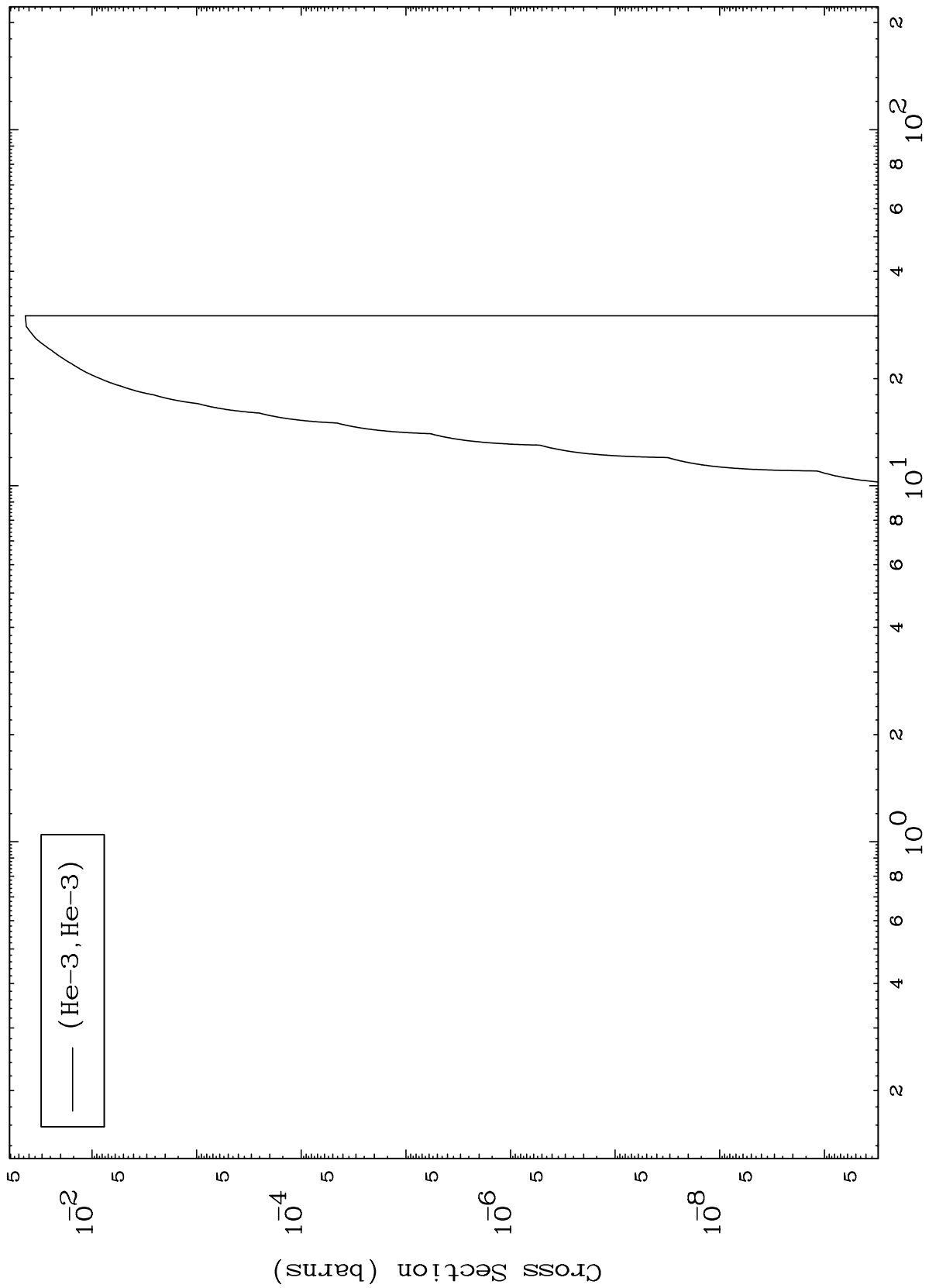
61-Pm-140

MAT 6128

(He-3, He3) Levels

61-Pm-140

0 Kelvin Cross Sections

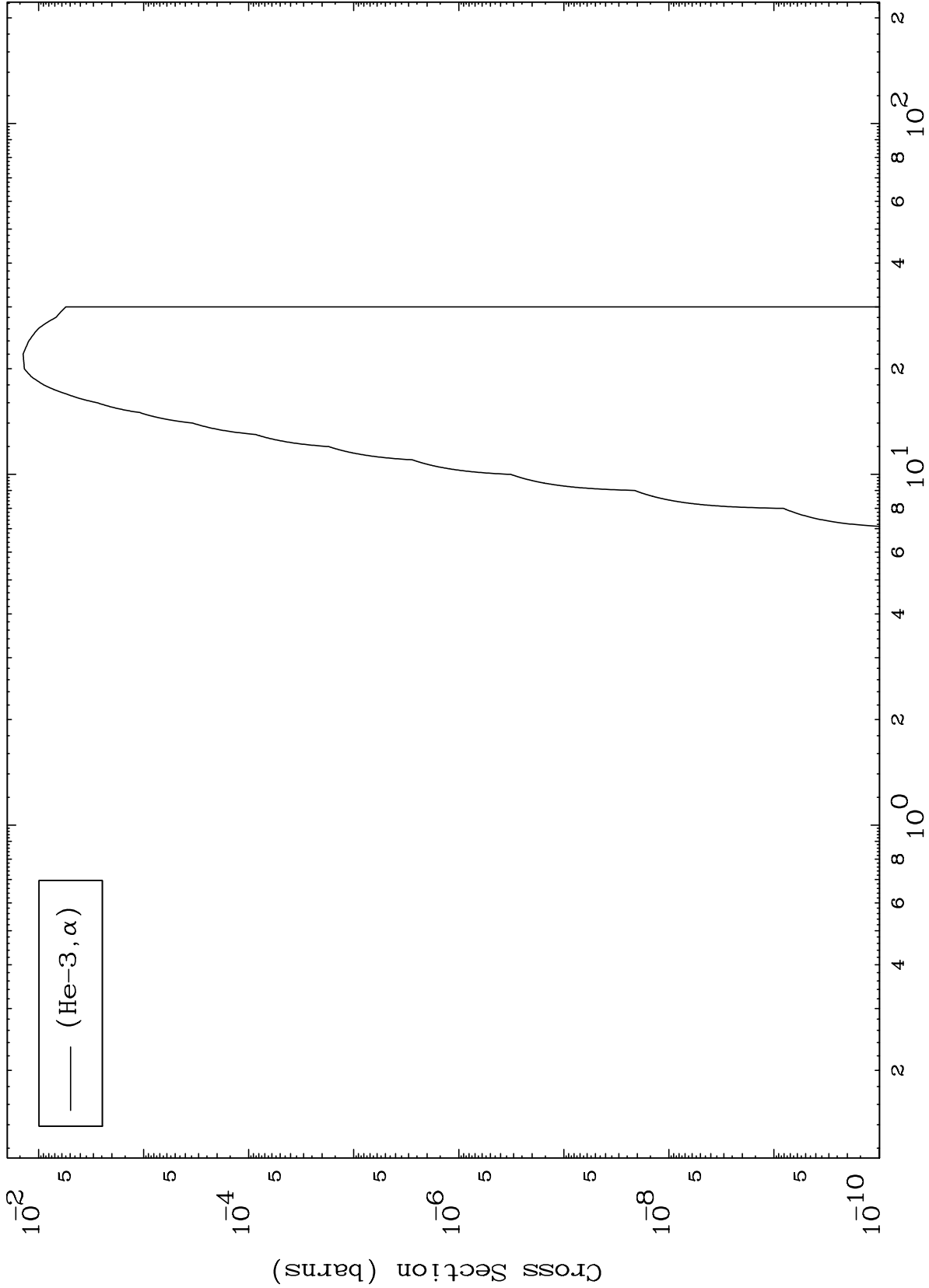


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(He-3,  $\alpha$ ) Levels

61-Pm-140

0 Kelvin Cross Sections



10

Incident Energy (MeV)

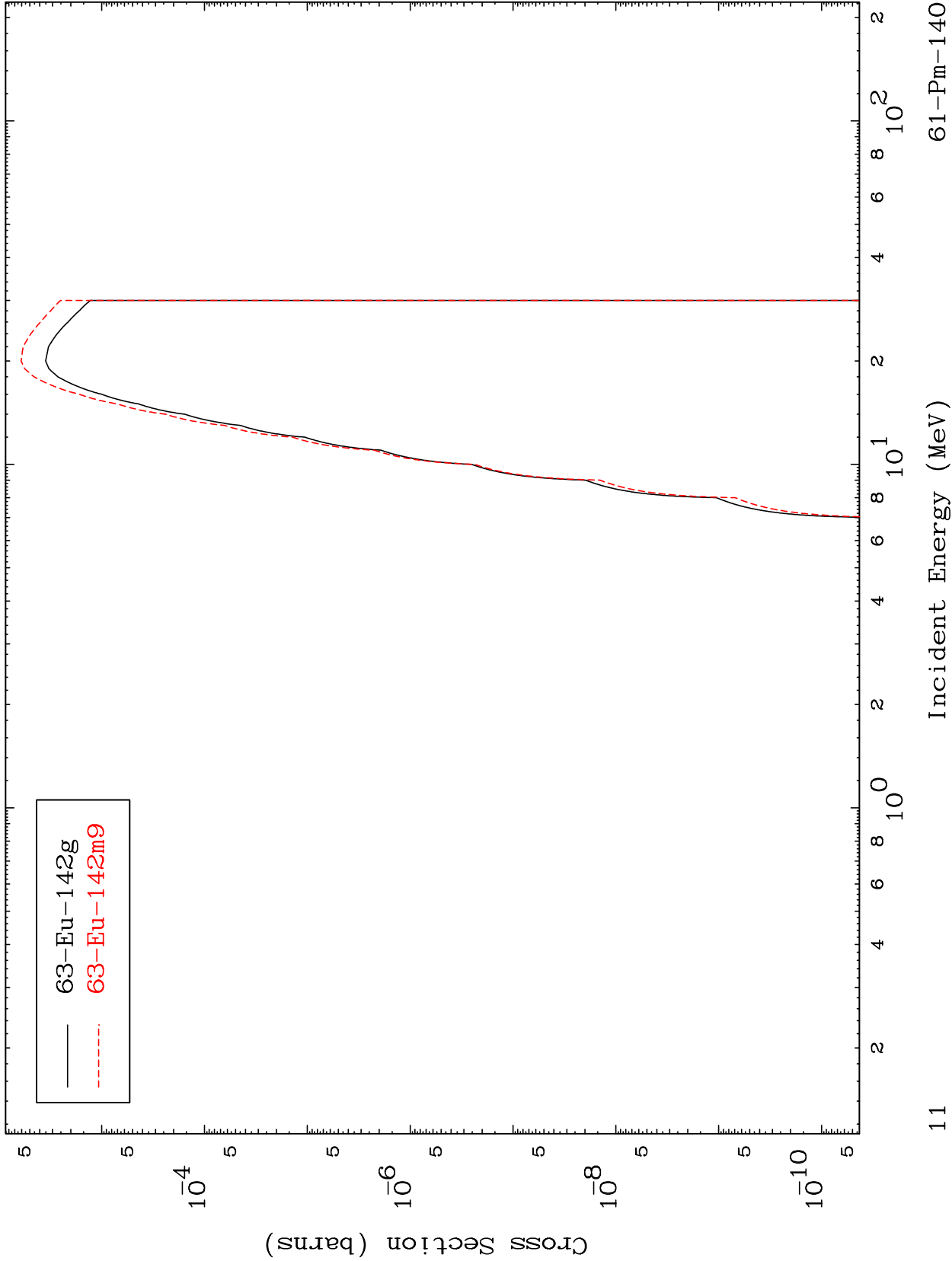
61-Pm-140

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He-3 Inelastic

61-Pm-140

Radionuclide Production Cross Section

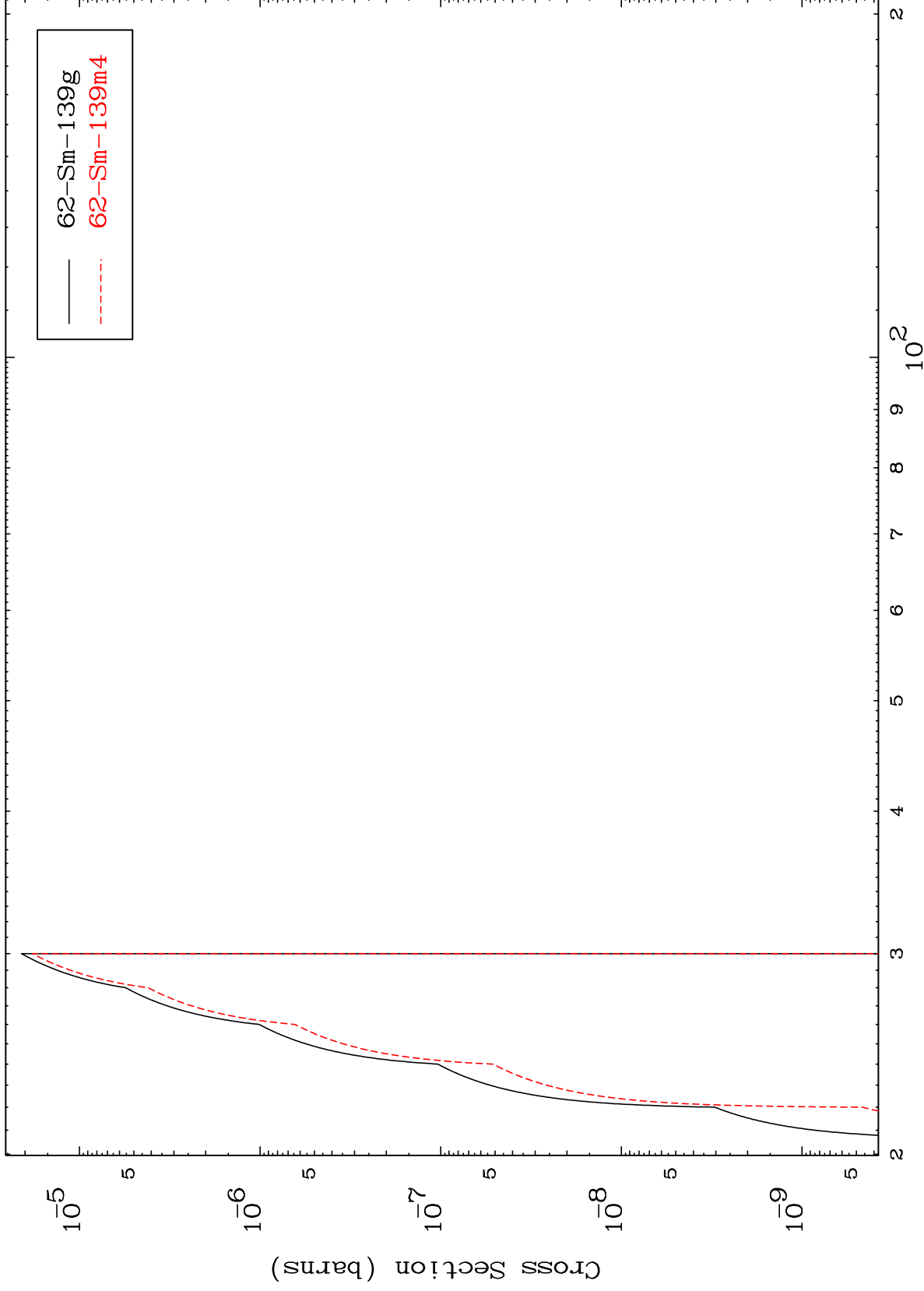


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(He-3,2n) d

61-Pm-140

Radionuclide Production Cross Section



12

Incident Energy (MeV)

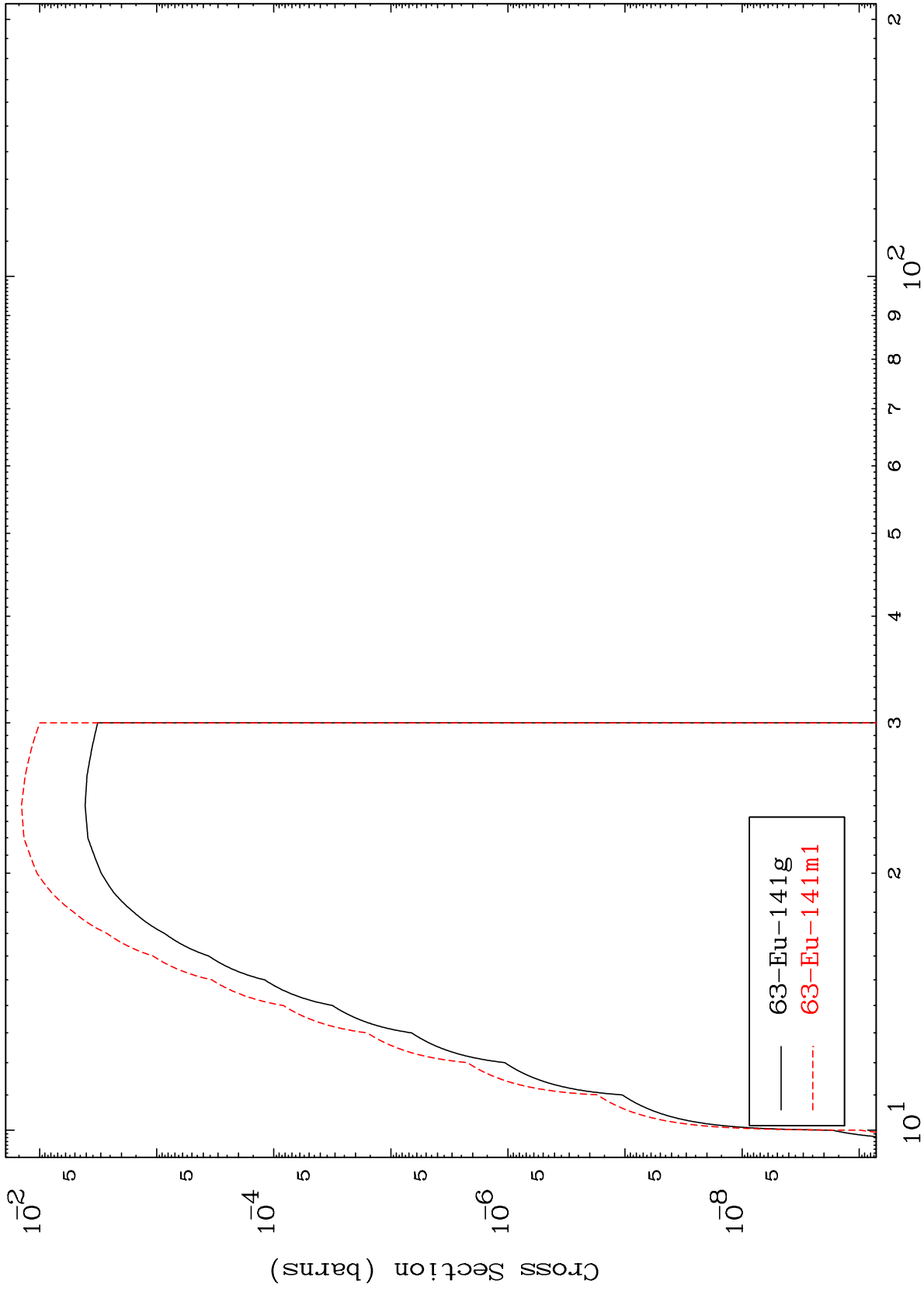
61-Pm-140

MAT 6128

(He-3,2n)

61-Pm-140

Radionuclide Production Cross Section



13

Incident Energy (MeV)

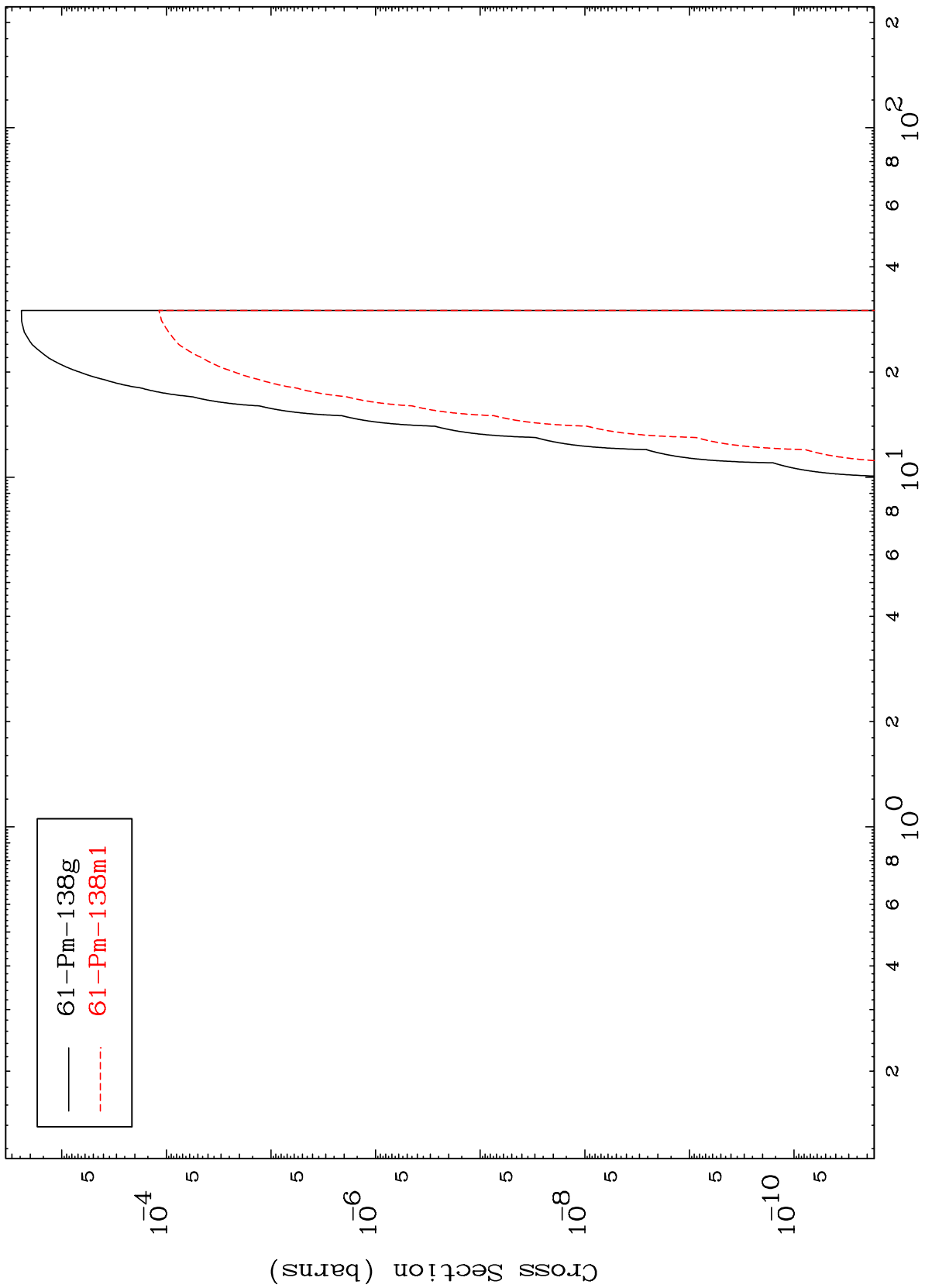
61-Pm-140

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(He-3, n')  $\alpha$

61-Pm-140

Radionuclide Production Cross Section



14

Incident Energy (MeV)

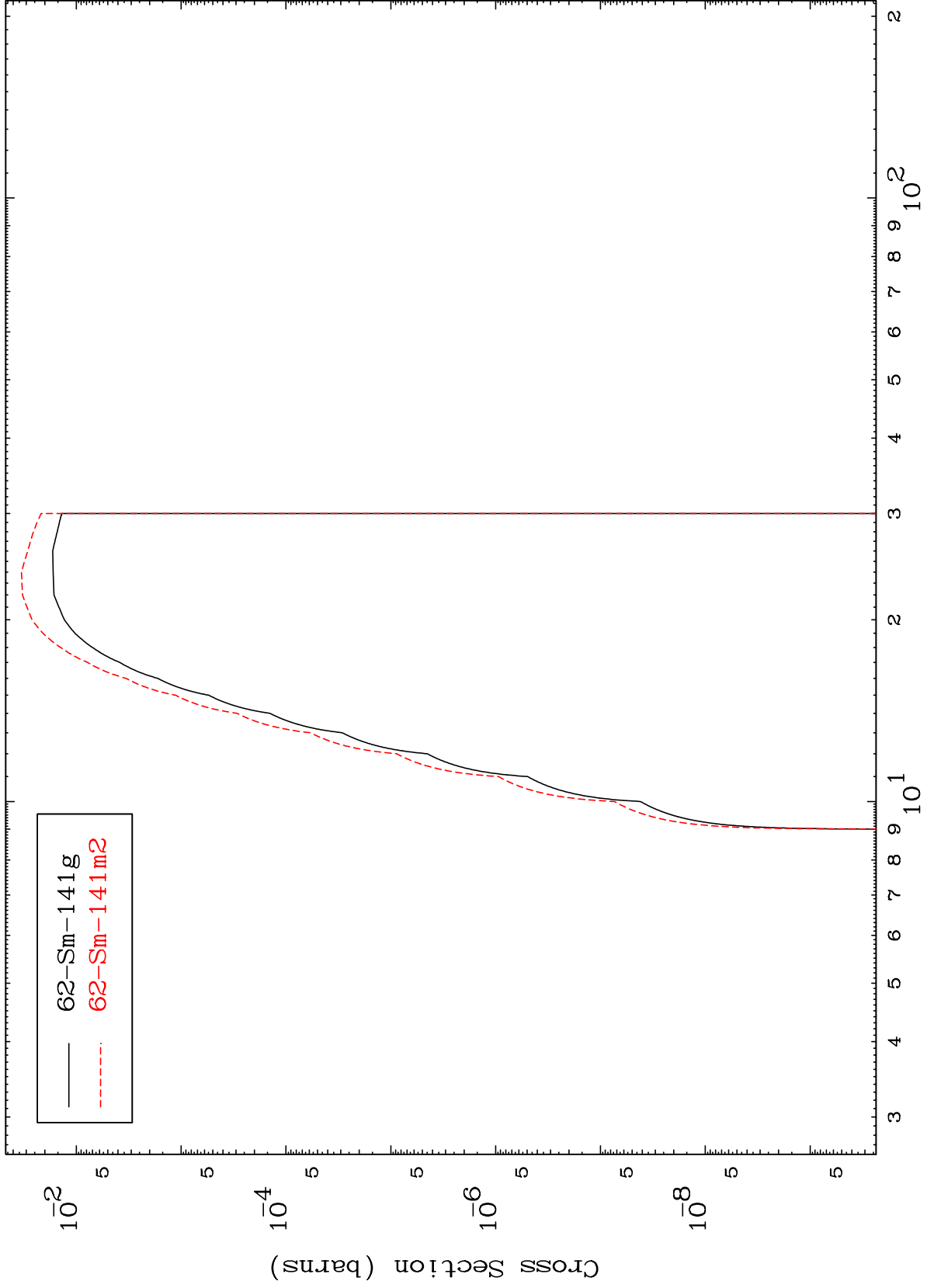
61-Pm-140

MAT 6128

(He-3, n') p

61-Pm-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-140

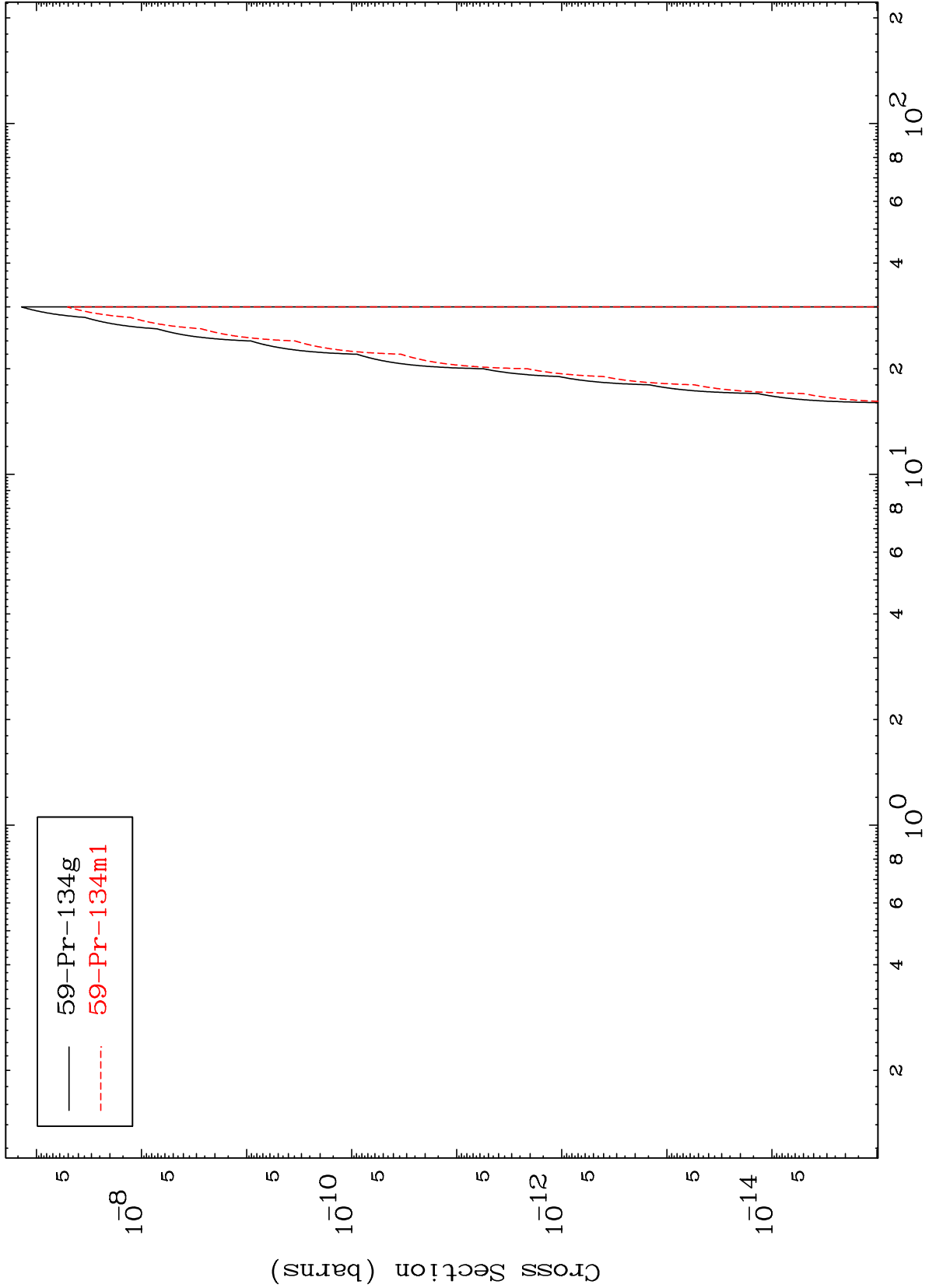


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(He-3, n') 2α

61-Pm-140

Radionuclide Production Cross Section

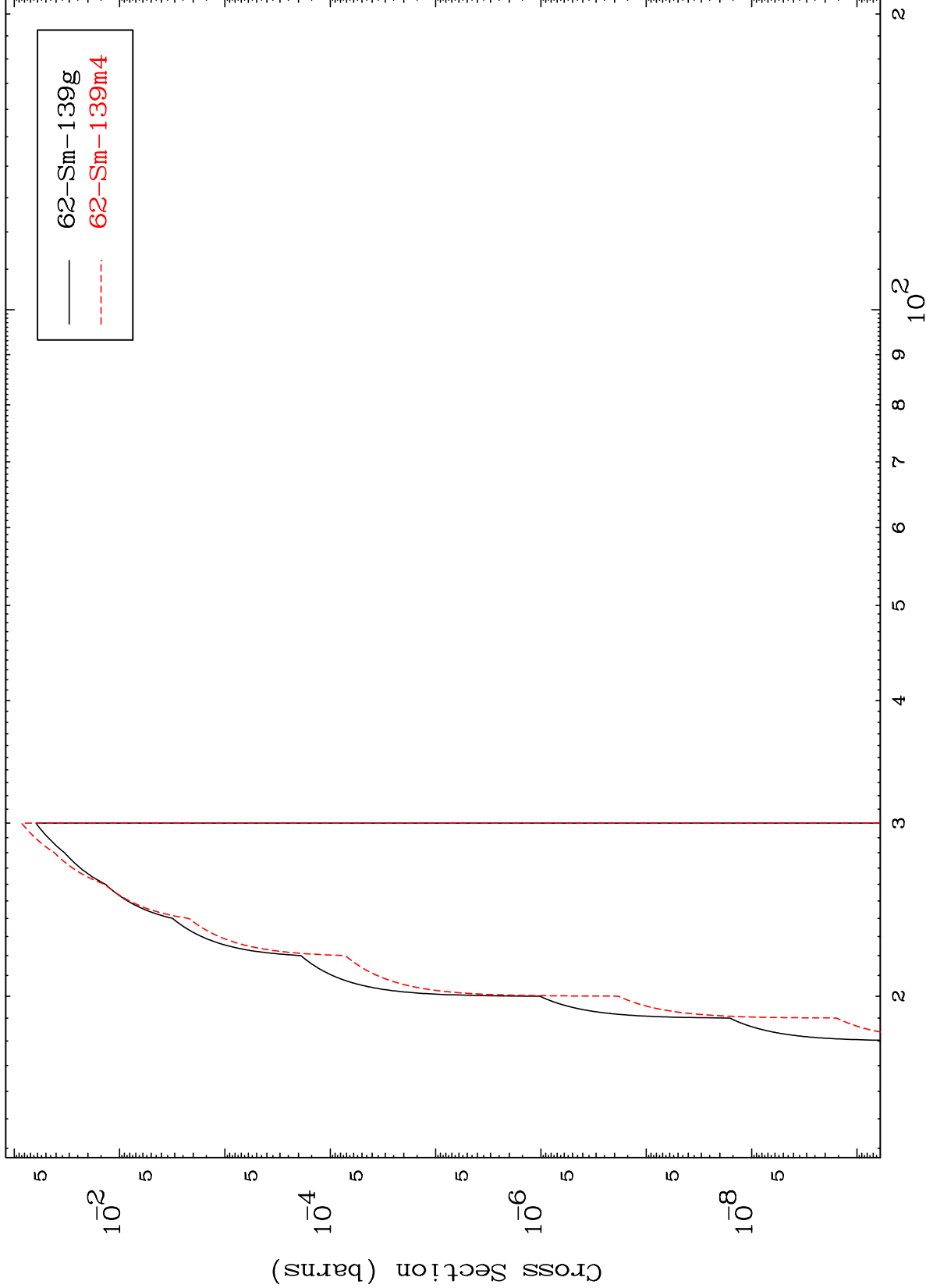


MAT 6128

(He-3, n') t

61-Pm-140

Radionuclide Production Cross Section



17

Incident Energy (MeV)

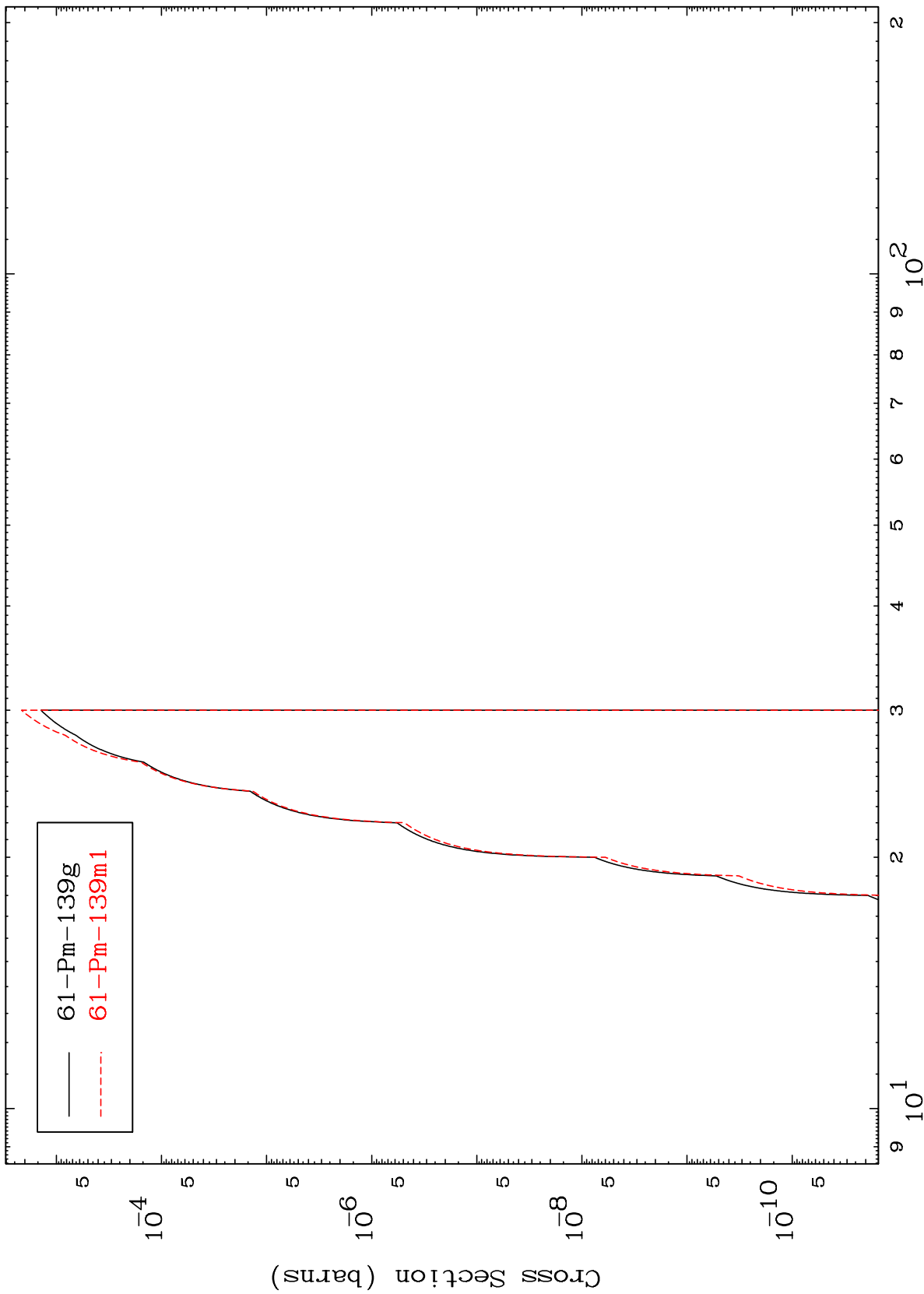
61-Pm-140

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(He-3, n') He-3

61-Pm-140

Radionuclide Production Cross Section



61-Pm-139g  
61-Pm-139m1

Incident Energy (MeV)

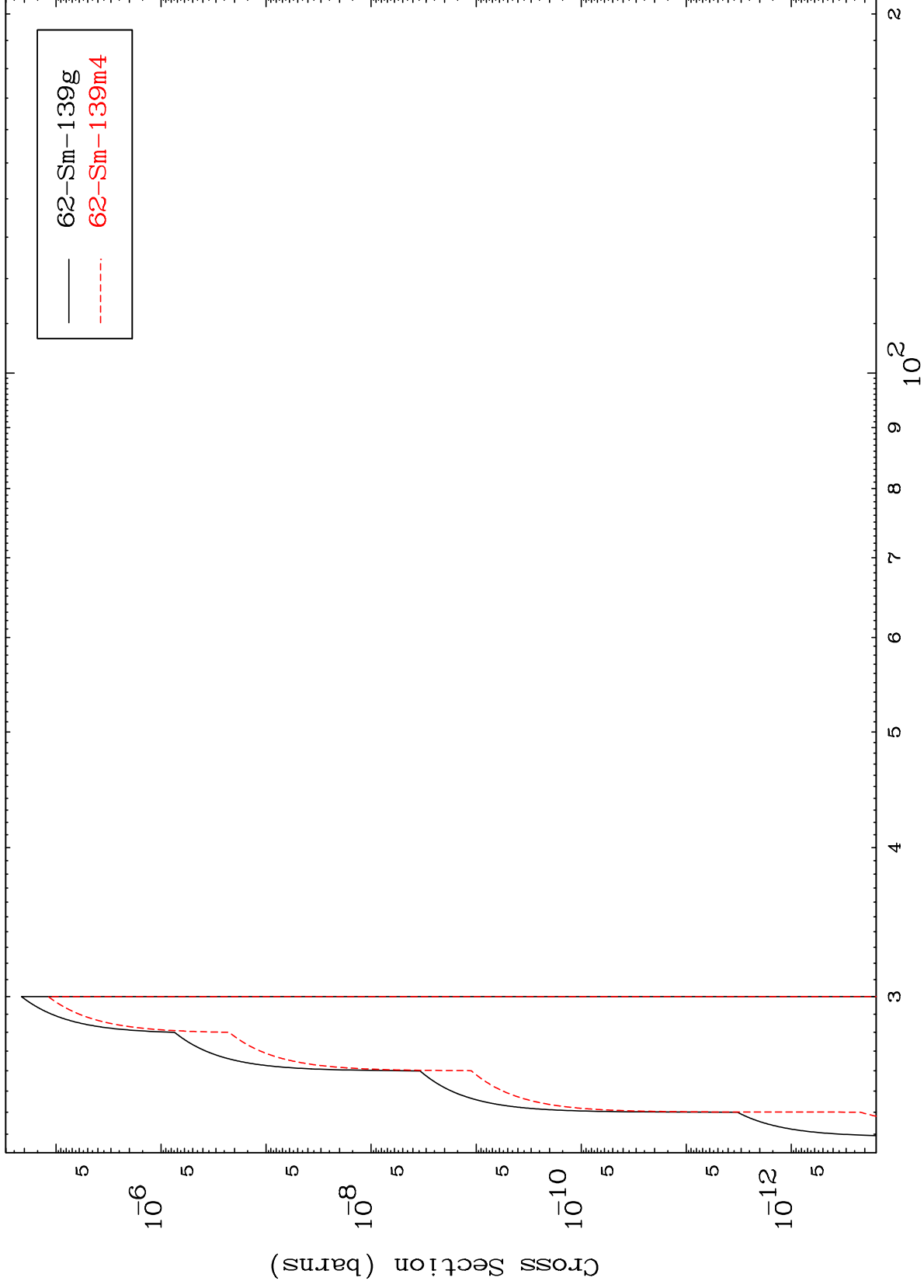
61-Pm-140

MAT 6128

(He-3,3n) p

61-Pm-140

Radionuclide Production Cross Section



19

Incident Energy (MeV)

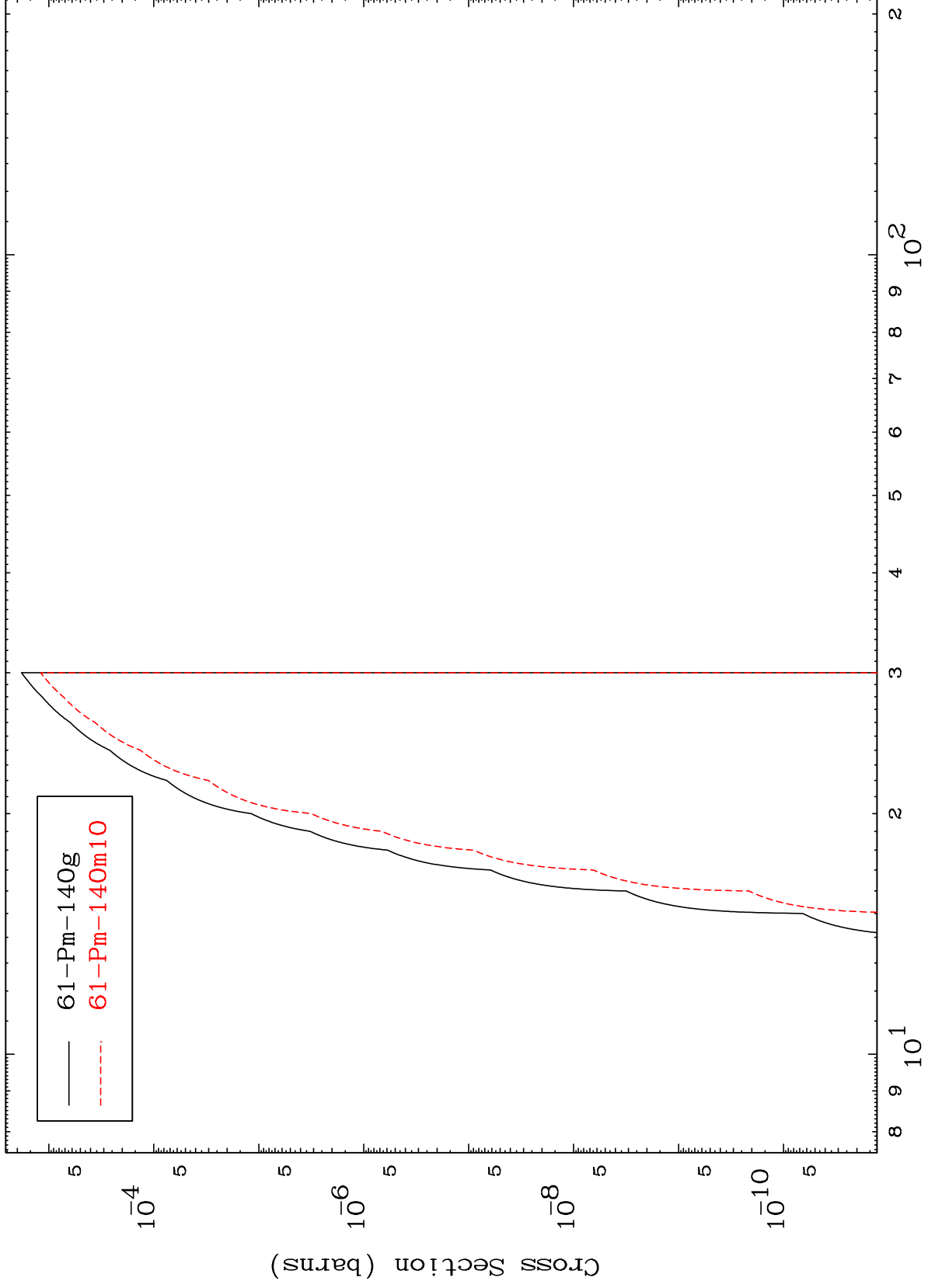
61-Pm-140

MAT 6128

(He-3,2n) p

61-Pm-140

Radionuclide Production Cross Section



20

Incident Energy (MeV)

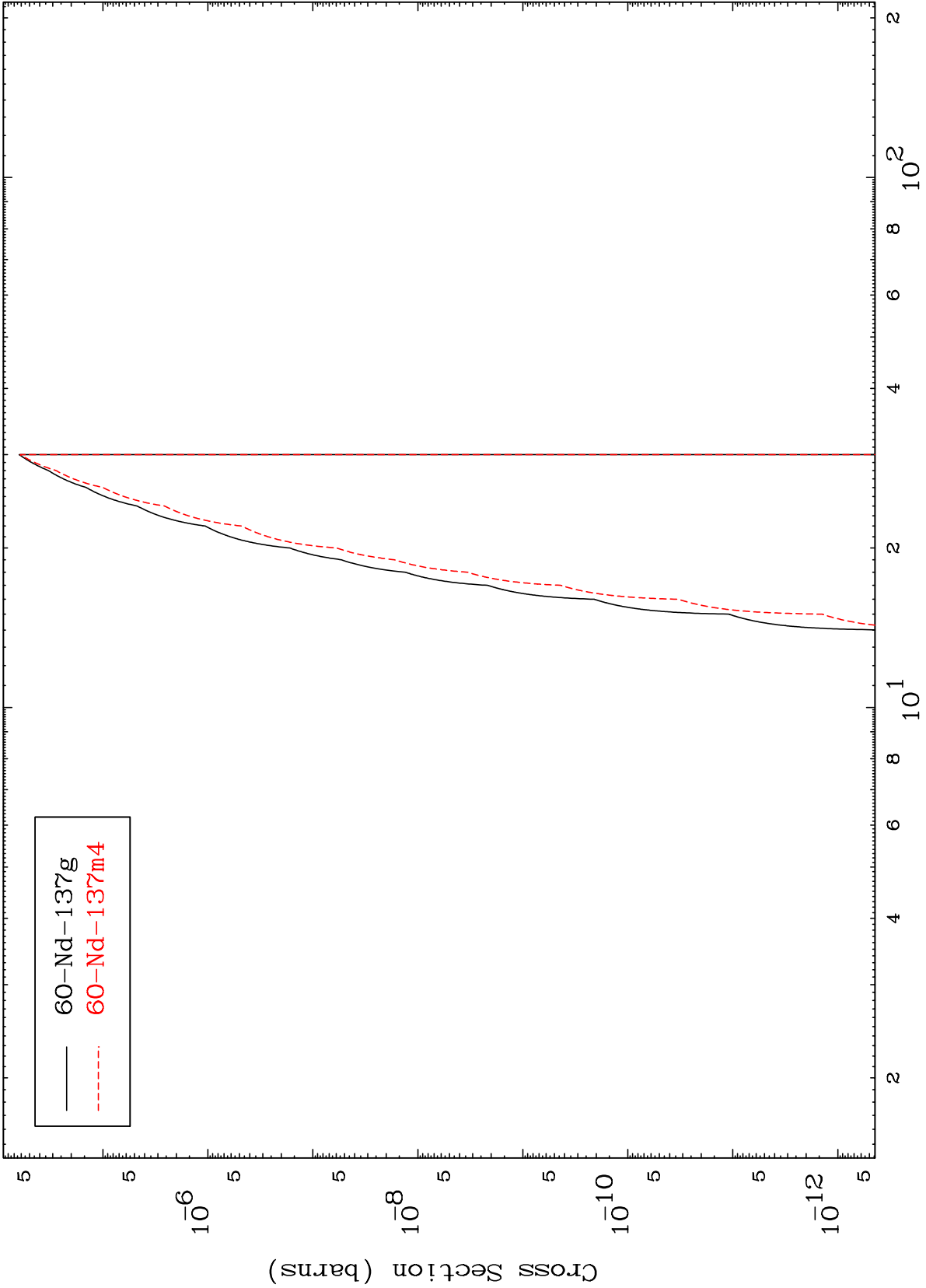
61-Pm-140

MAT 6128

(He-3, n') p  $\alpha$

61-Pm-140

Radionuclide Production Cross Section



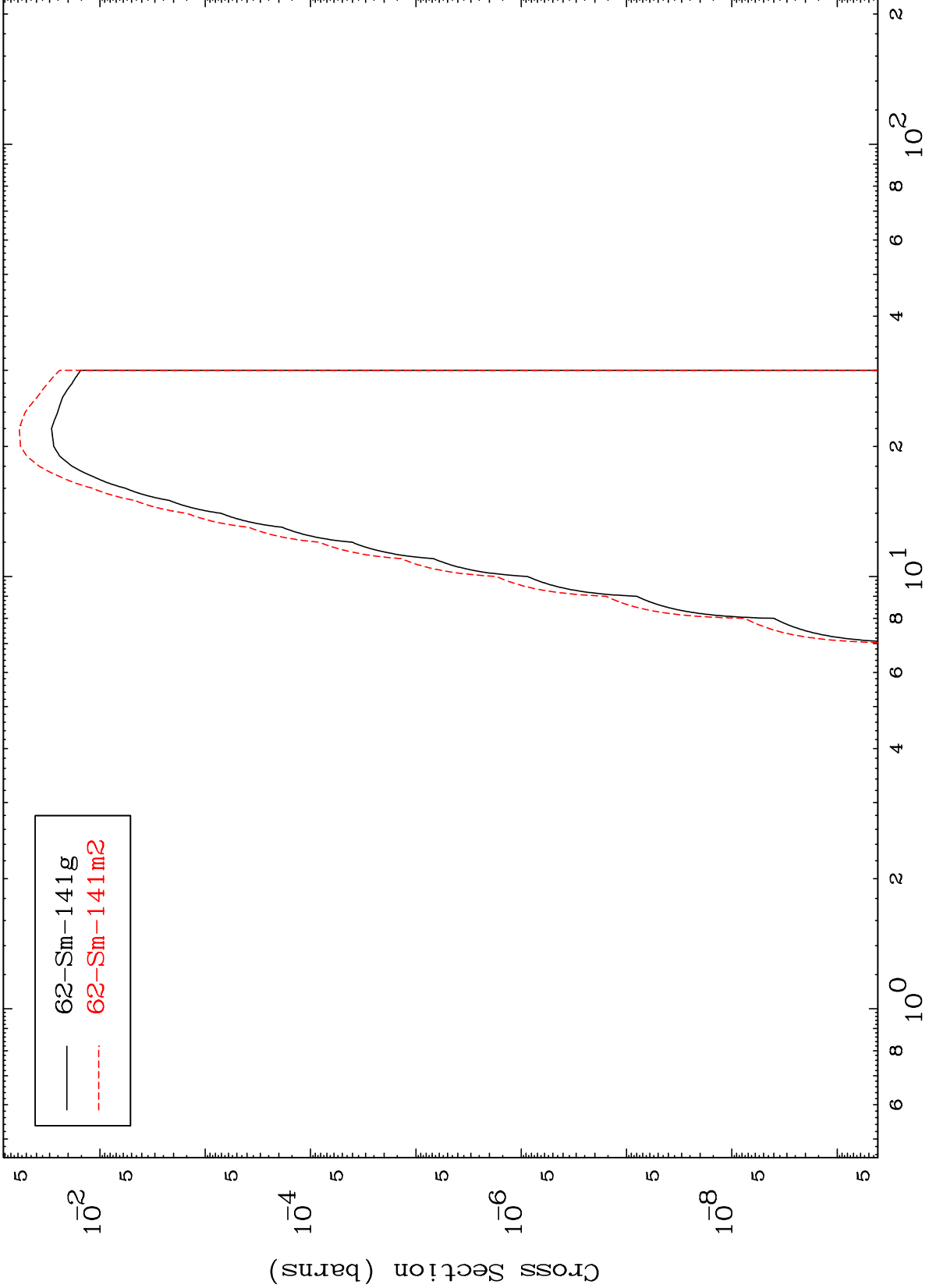
60-Nd-137g  
60-Nd-137m4

MAT 6128

(He-3, d)

61-Pm-140

Radionuclide Production Cross Section



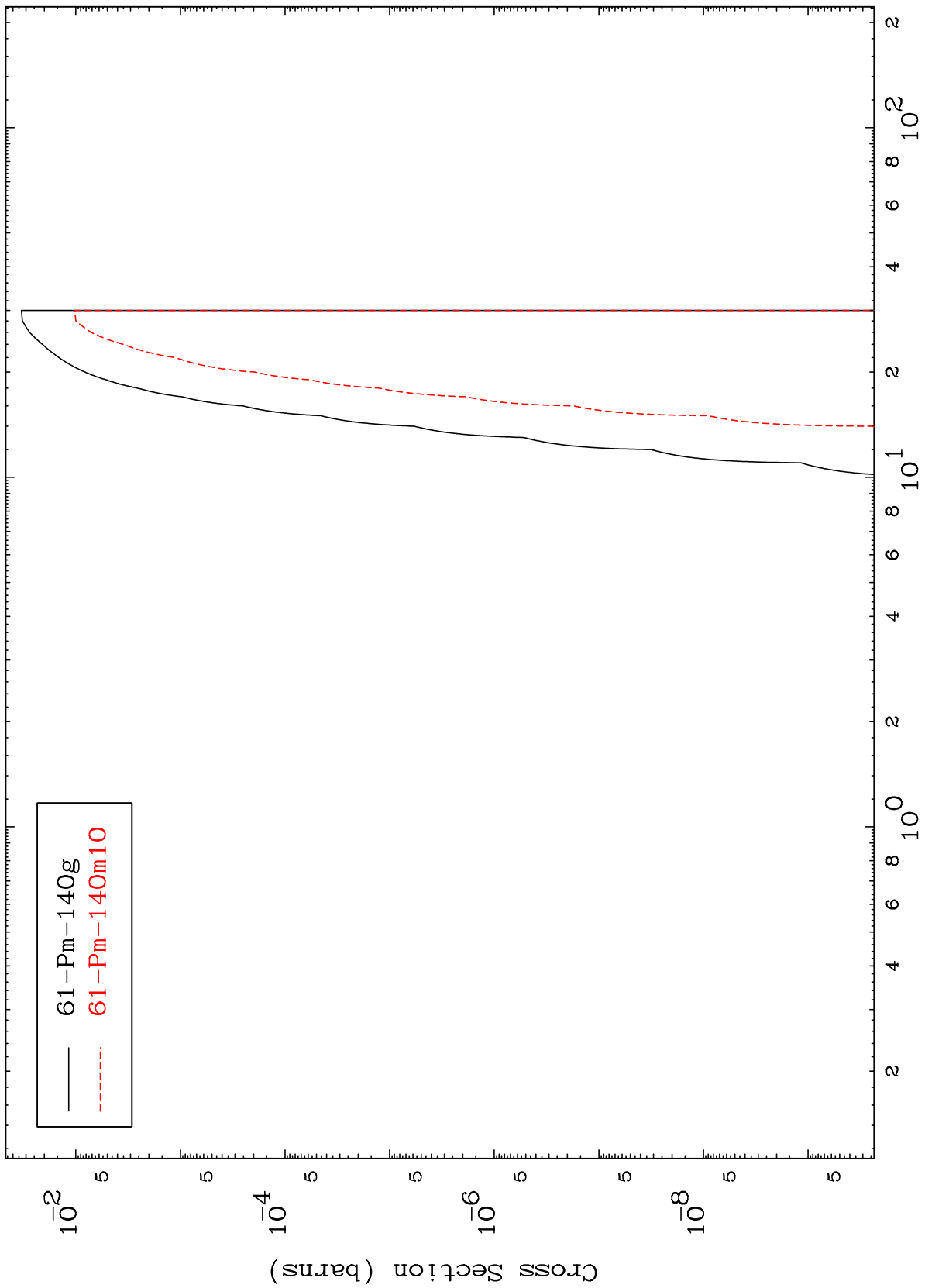
62-Sm-141 g  
62-Sm-141 m2

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(He-3, He-3)

61-Pm-140

Radionuclide Production Cross Section



61-Pm-140g  
61-Pm-140m10

Incident Energy (MeV)

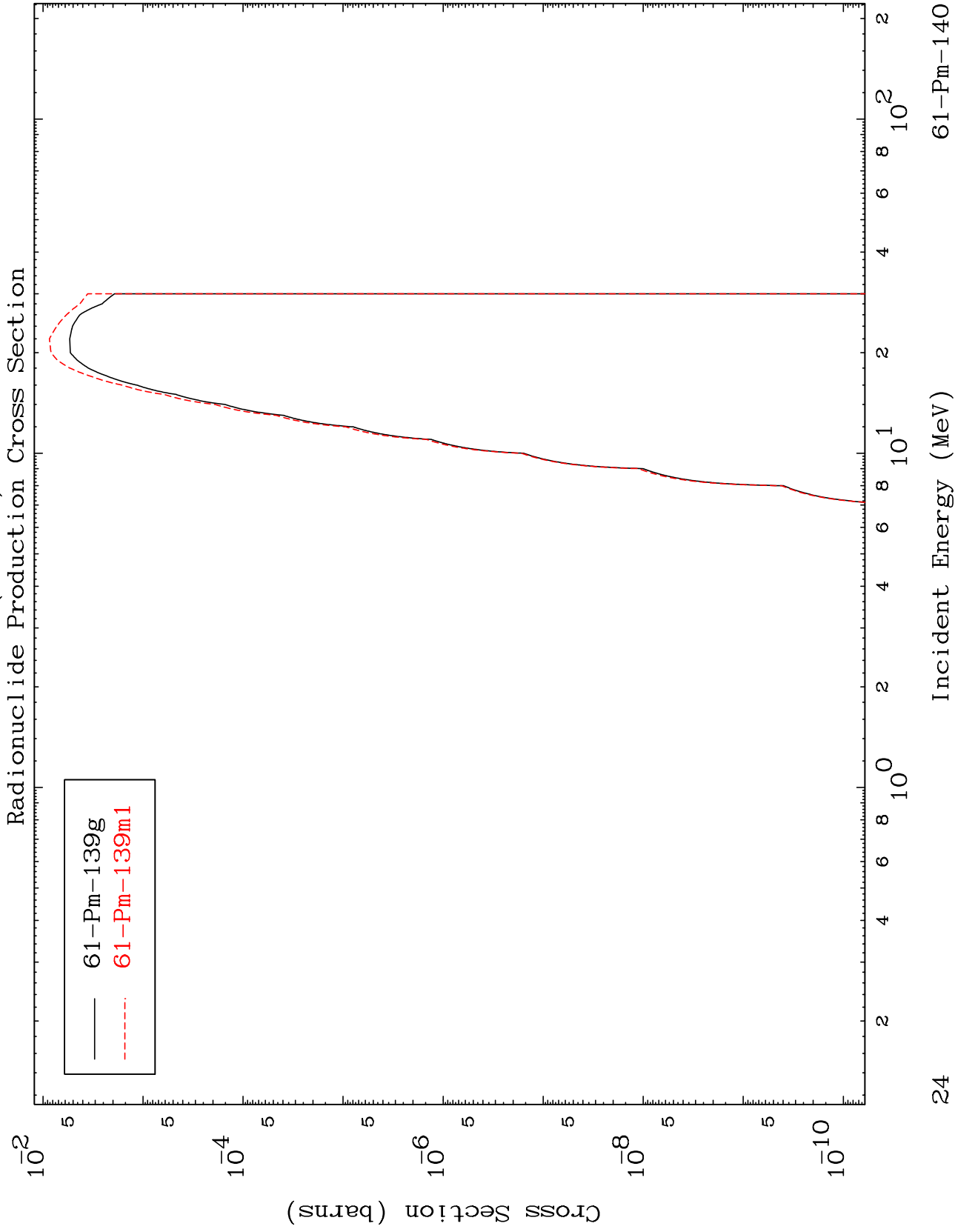
61-Pm-140



MAT 6128

(He-3,  $\alpha$ )

61-Pm-140

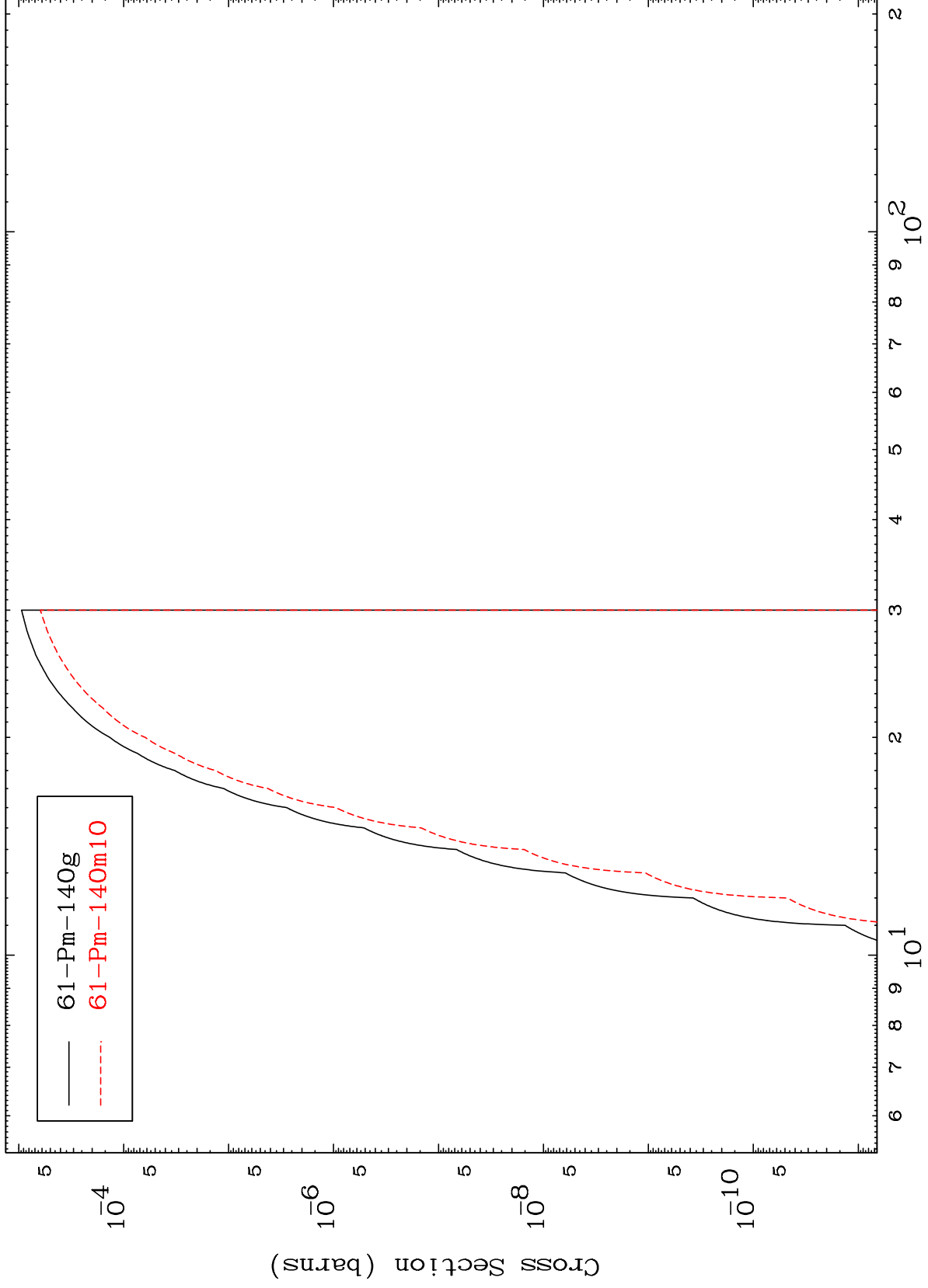


MAT 6128

(He-3,p) d

61-Pm-140

Radionuclide Production Cross Section



25

Incident Energy (MeV)

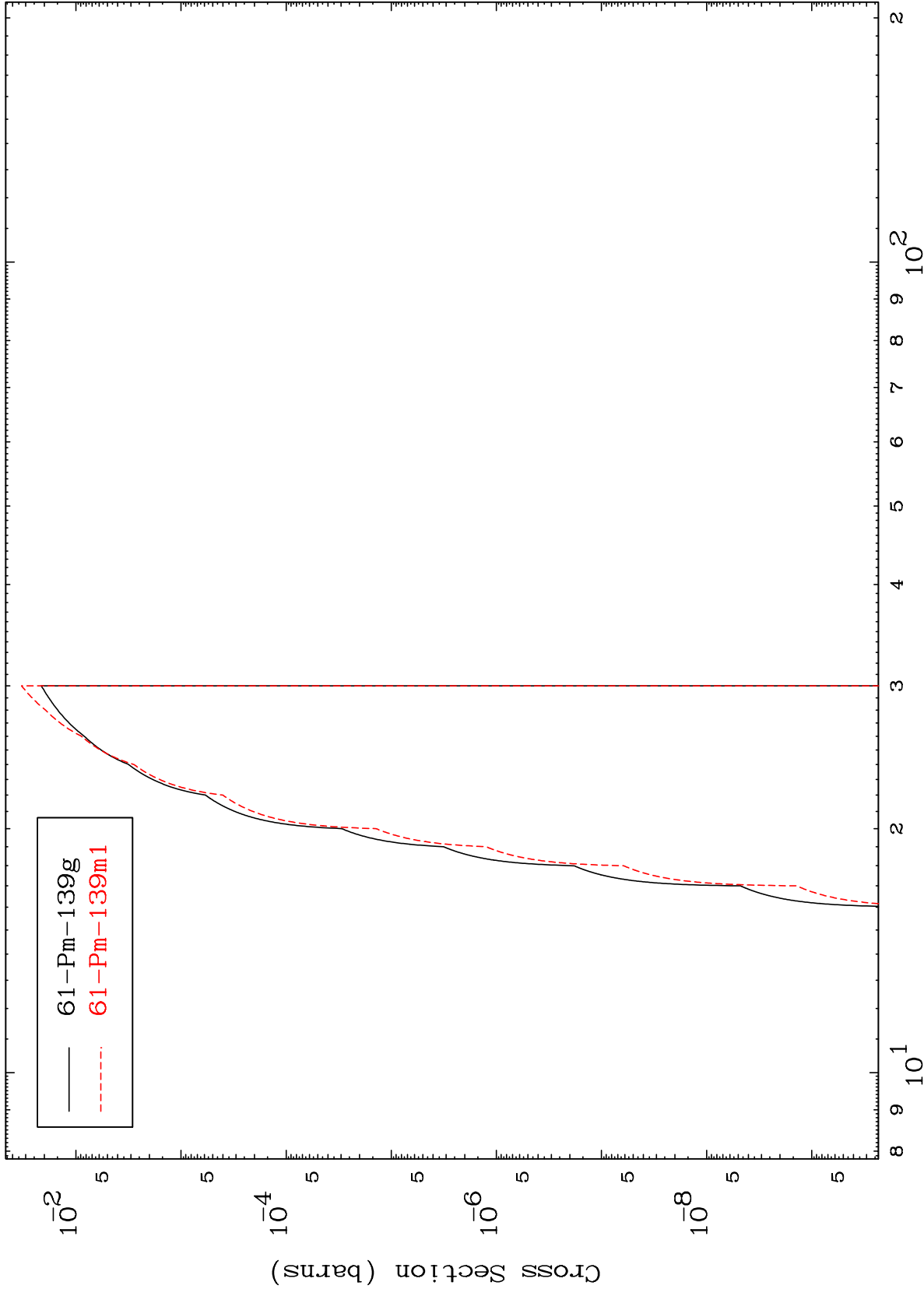
61-Pm-140

MAT 6128

(He-3,p) t

61-Pm-140

Radionuclide Production Cross Section



26

Incident Energy (MeV)

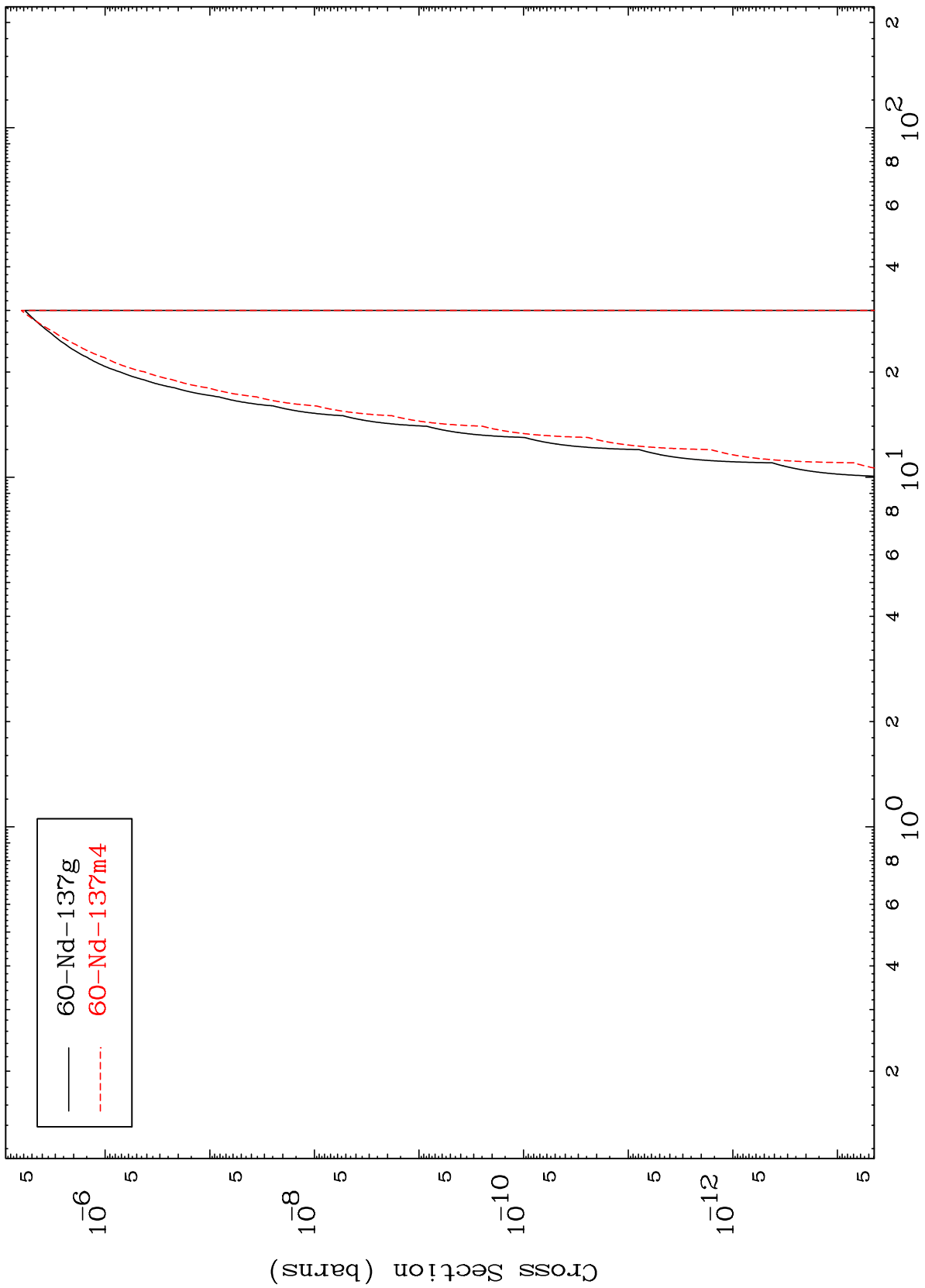
61-Pm-140

MAT 6128

(He-3,d)  $\alpha$

61-Pm-140

Radionuclide Production Cross Section



27

Incident Energy (MeV)

61-Pm-140