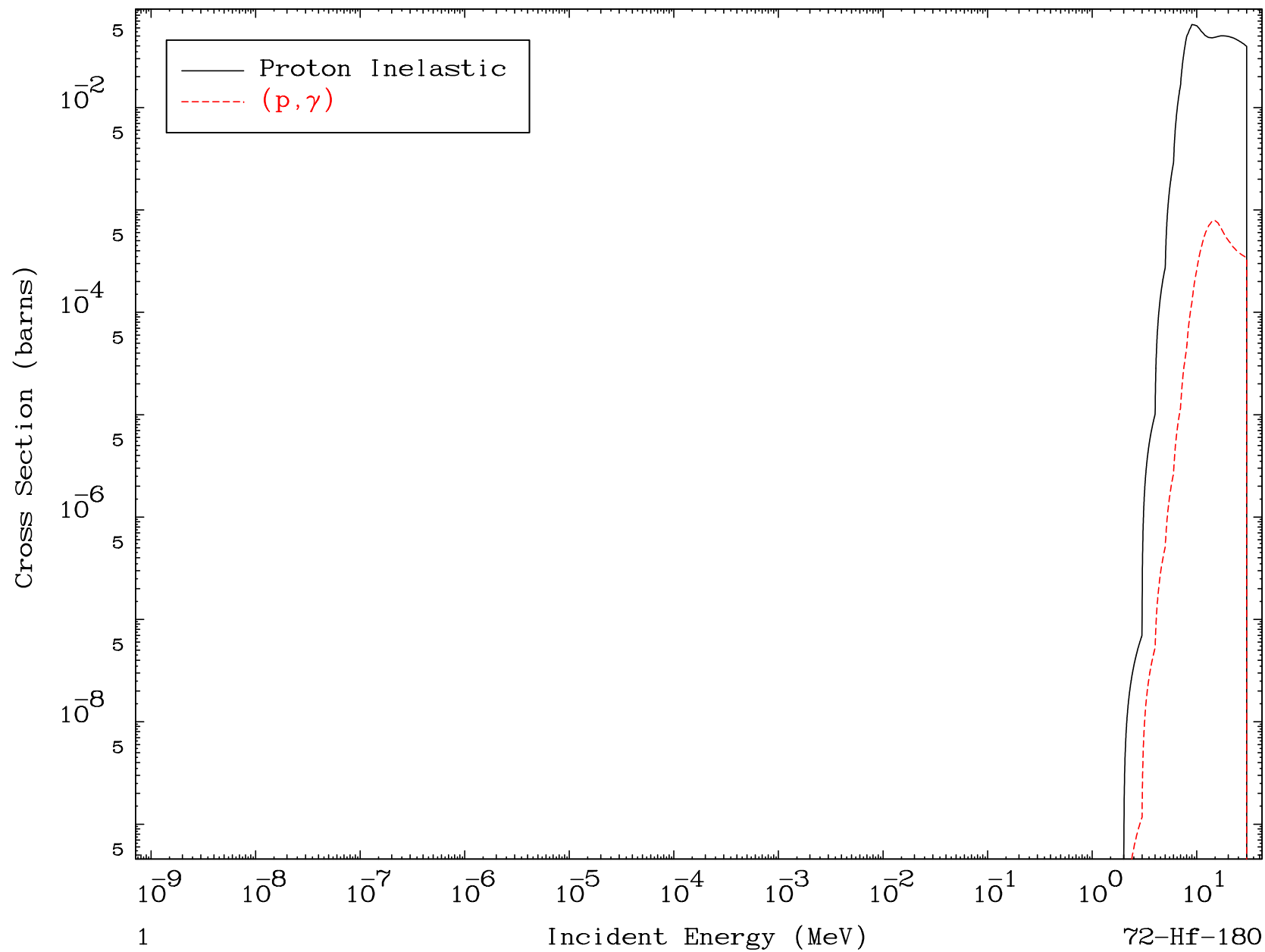
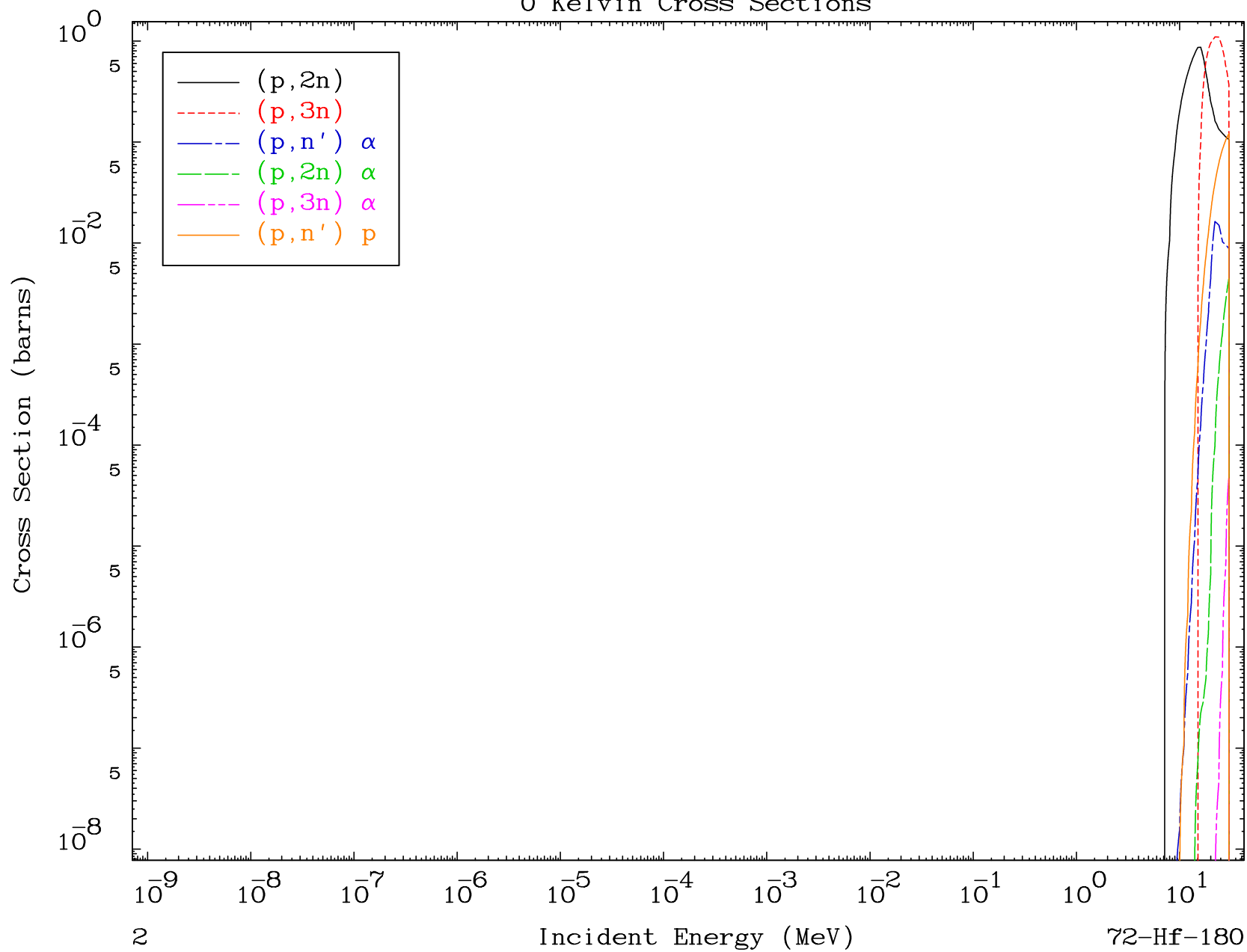




MAT 7244

Proton Neutron Production
0 Kelvin Cross Sections

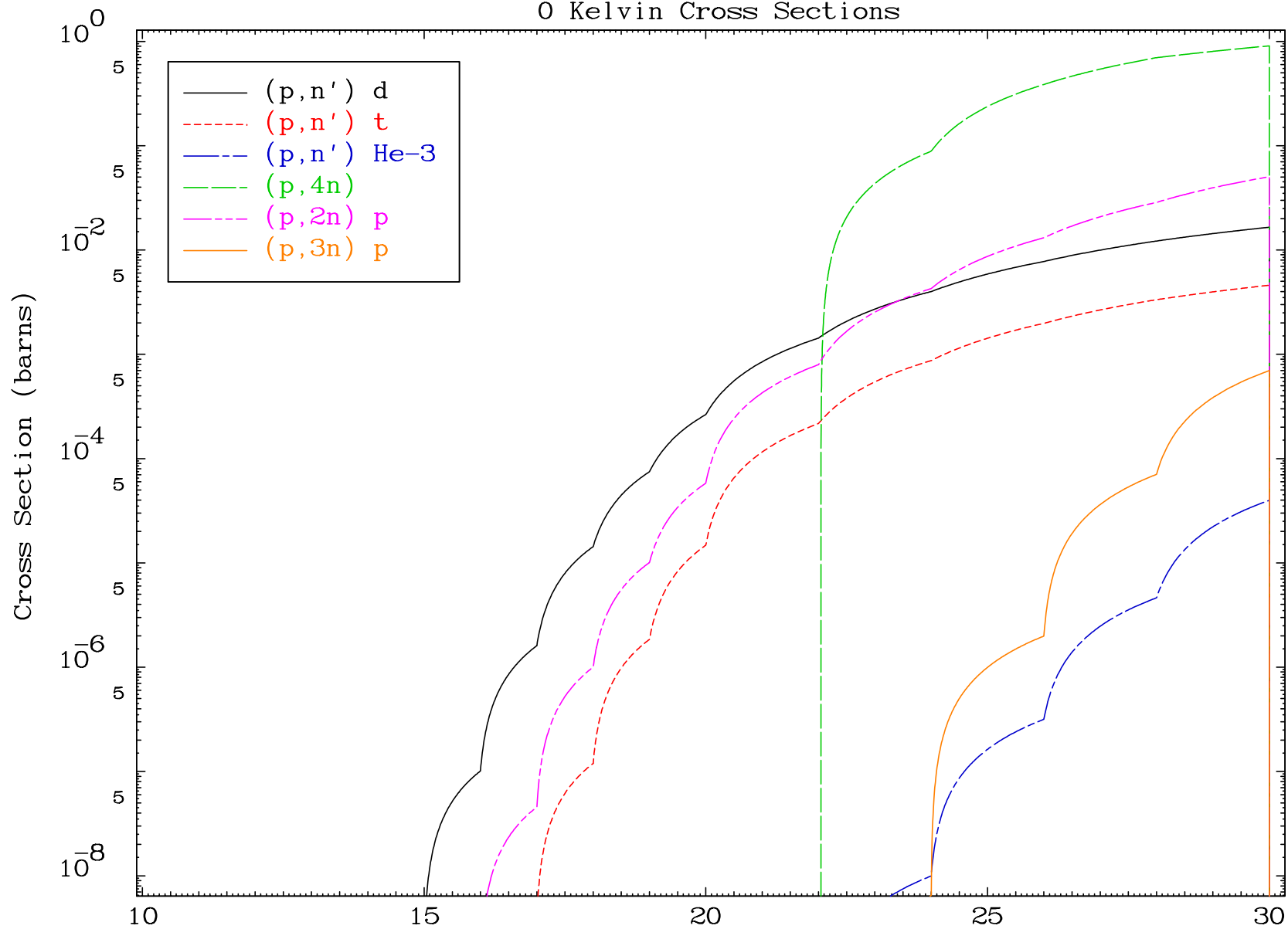
72-Hf-180



MAT 7244

Proton Neutron Production
0 Kelvin Cross Sections

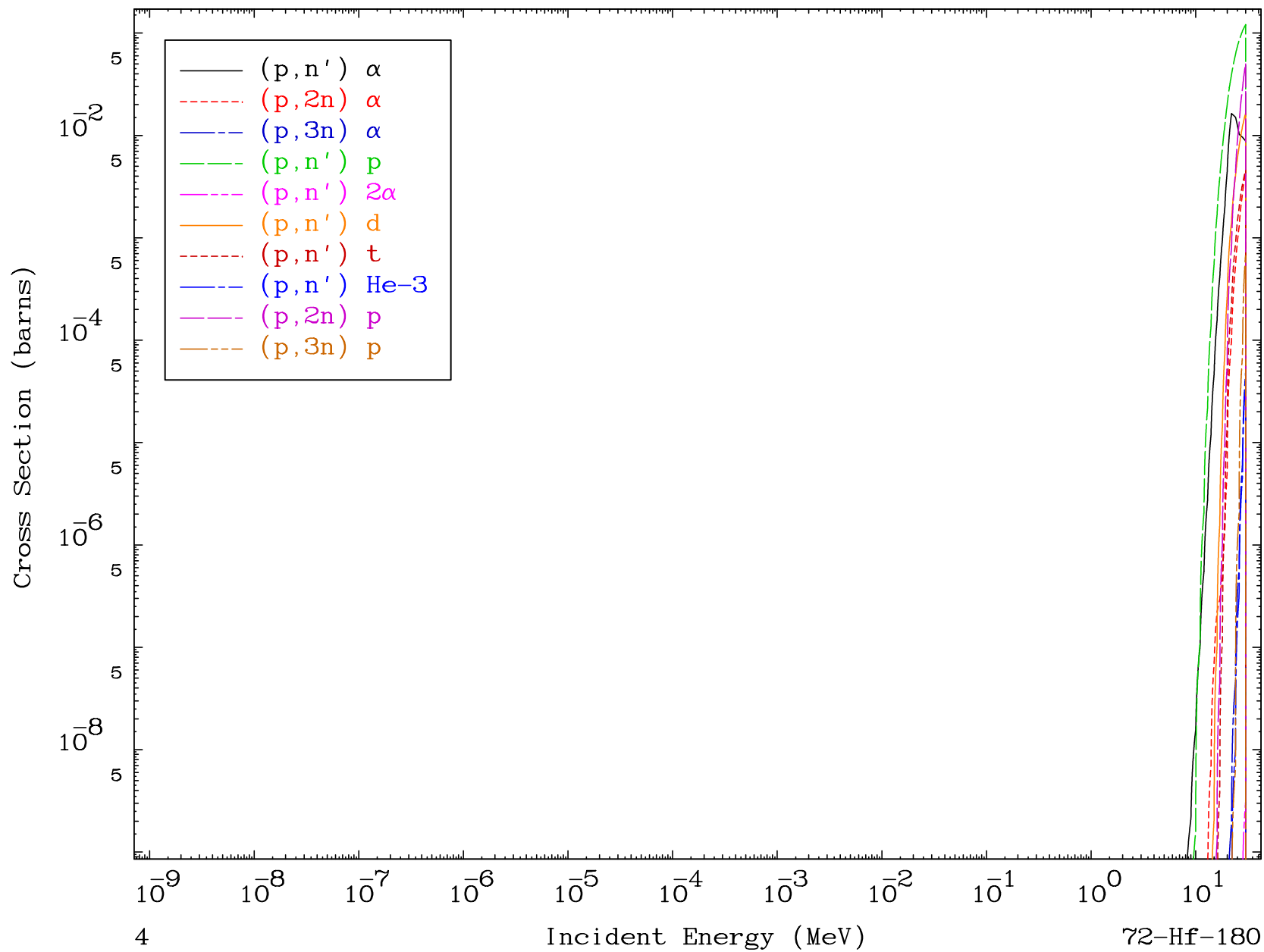
72-Hf-180

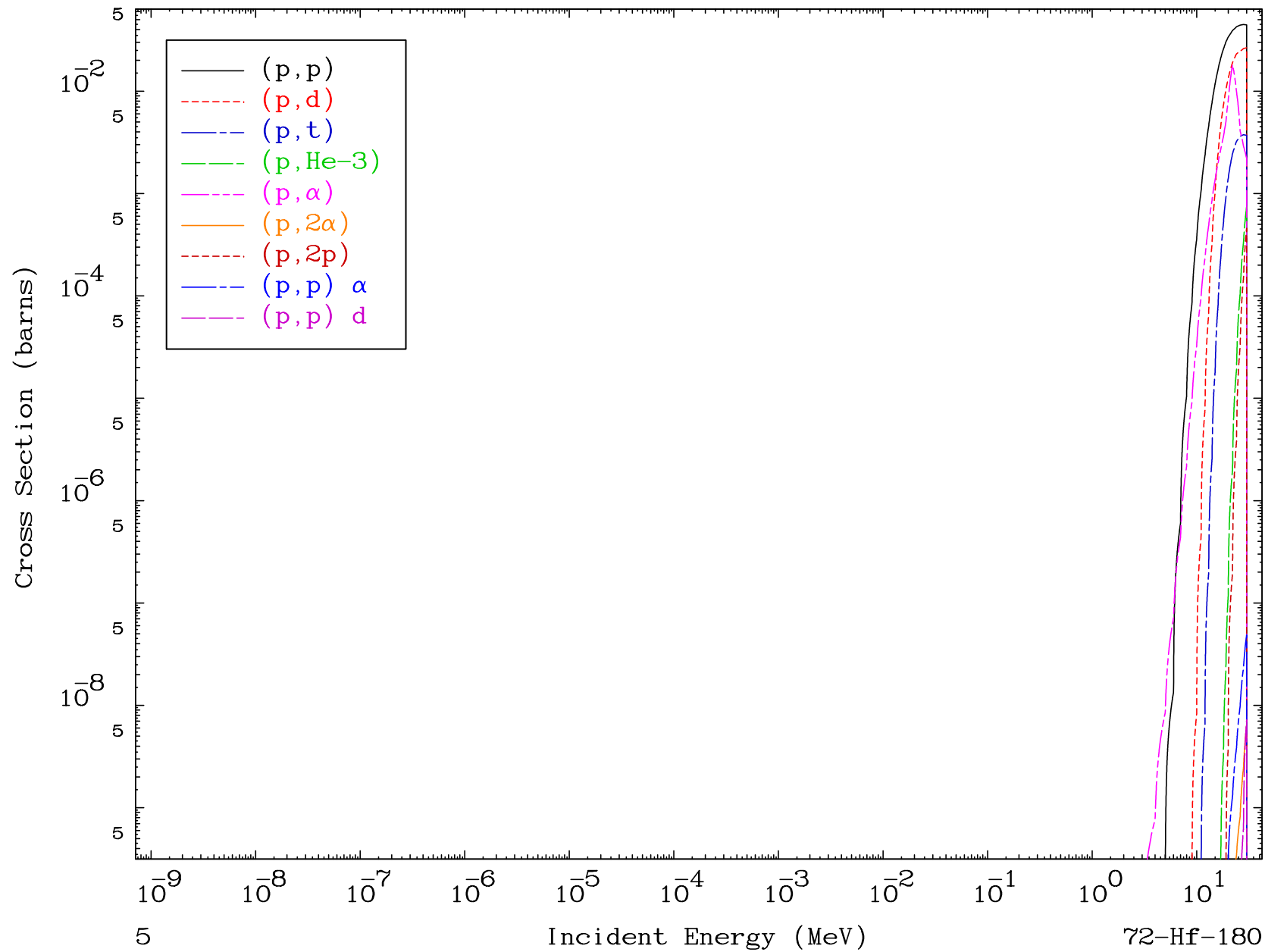


3

Incident Energy (MeV)

72-Hf-180

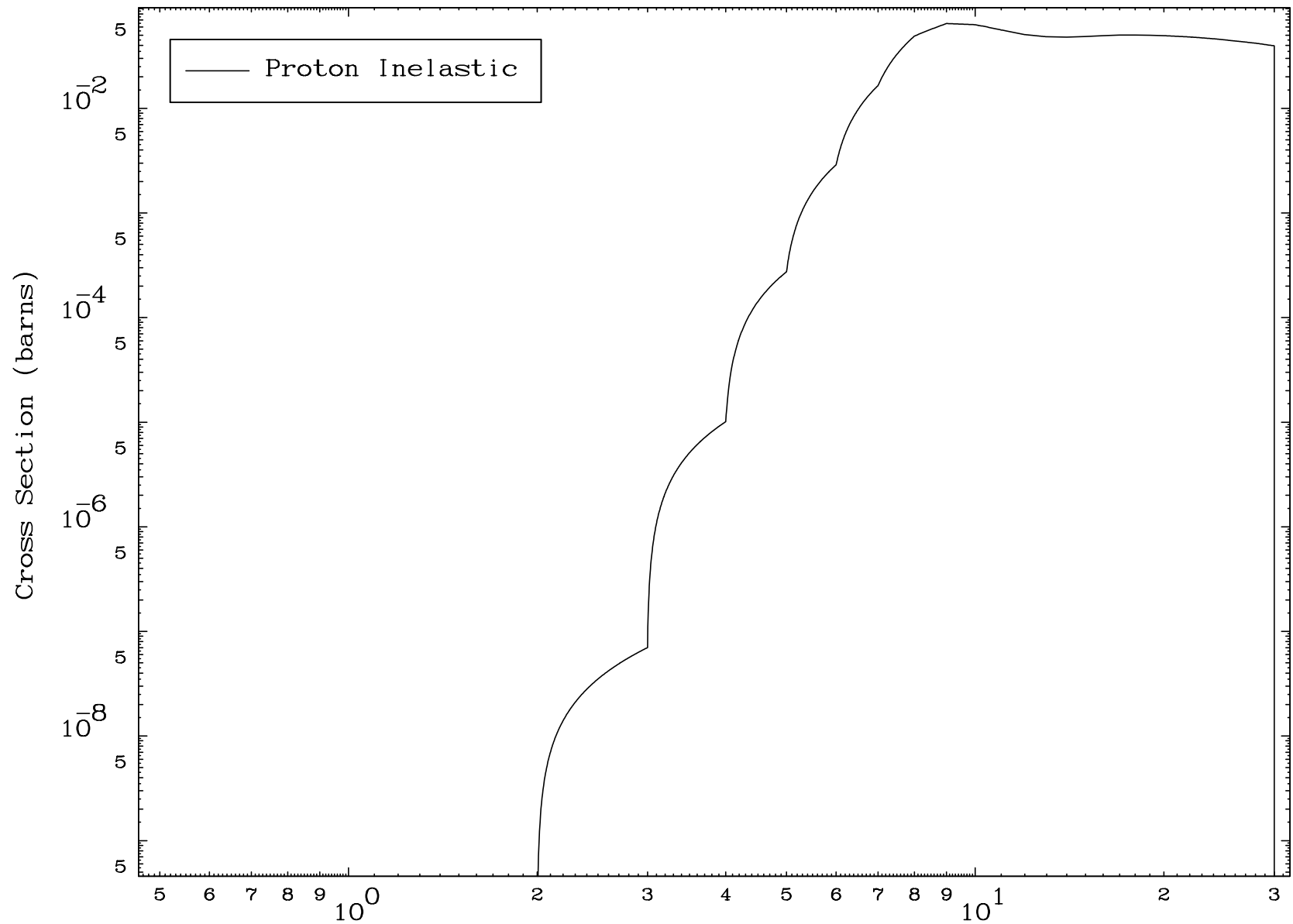




MAT 7244

(p,n') Level
0 Kelvin Cross Sections

72-Hf-180



6

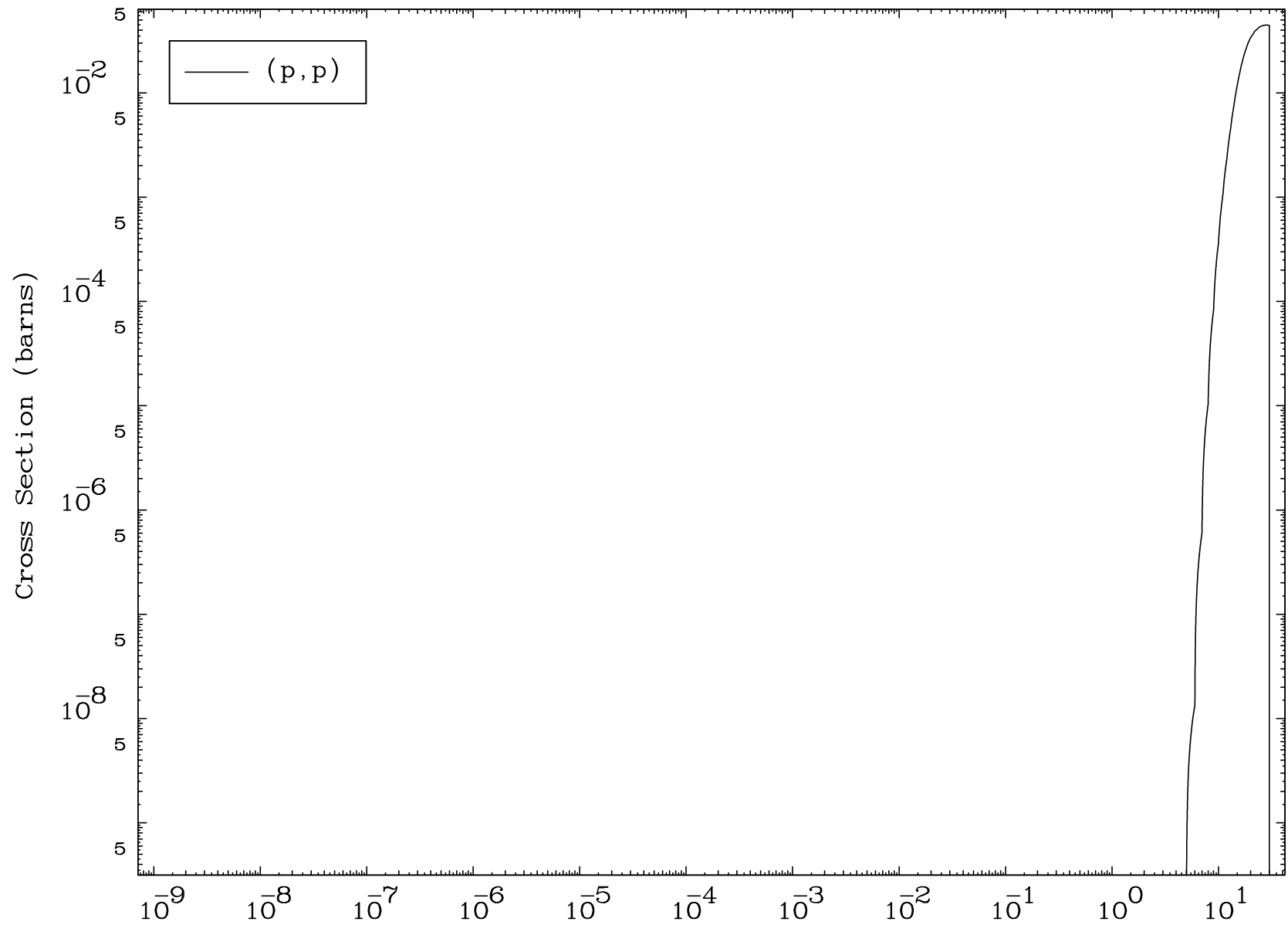
Incident Energy (MeV)

72-Hf-180

MAT 7244

(p,p) Levels
0 Kelvin Cross Sections

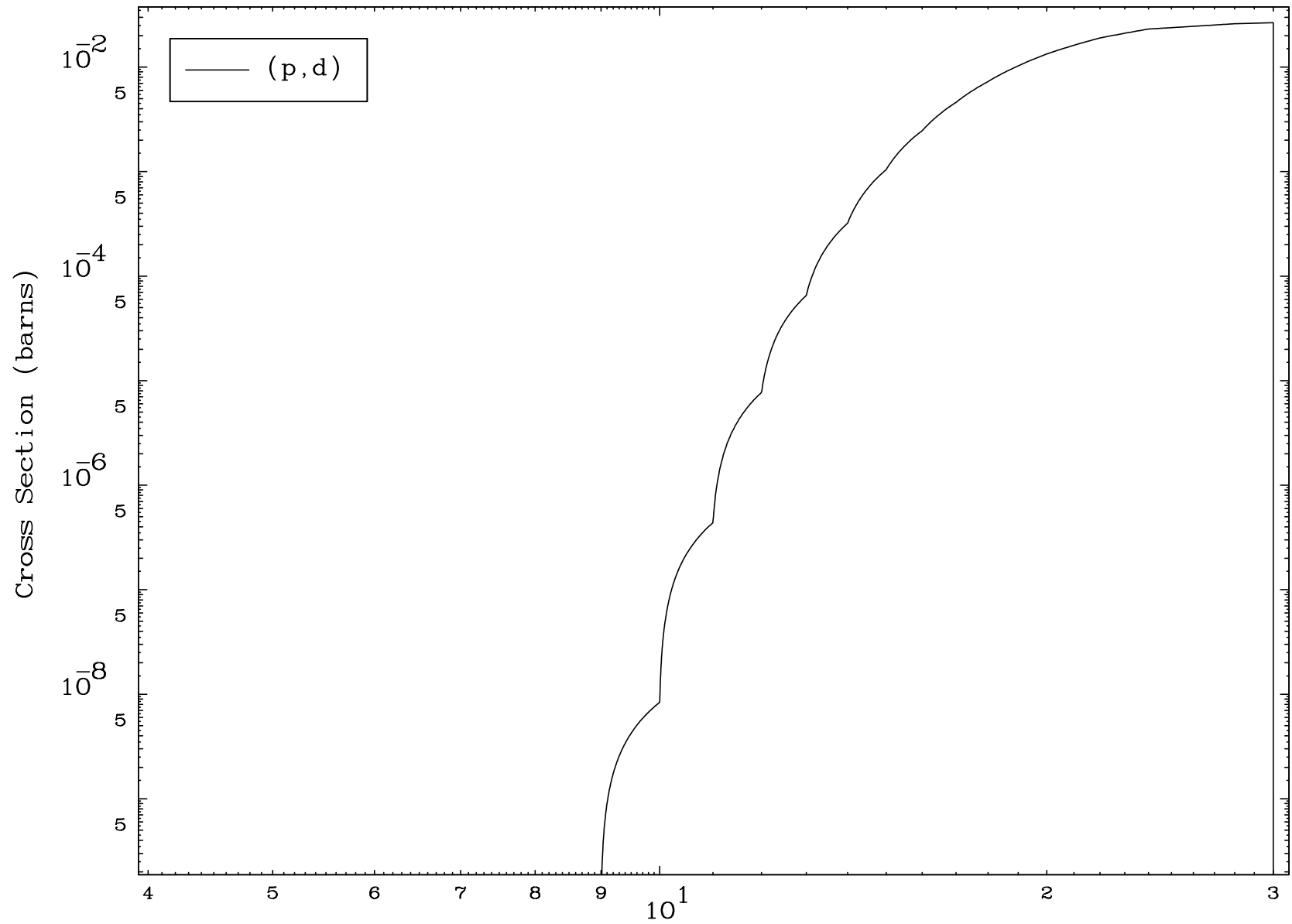
72-Hf-180



MAT 7244

(p,d) Levels
0 Kelvin Cross Sections

72-Hf-180



8

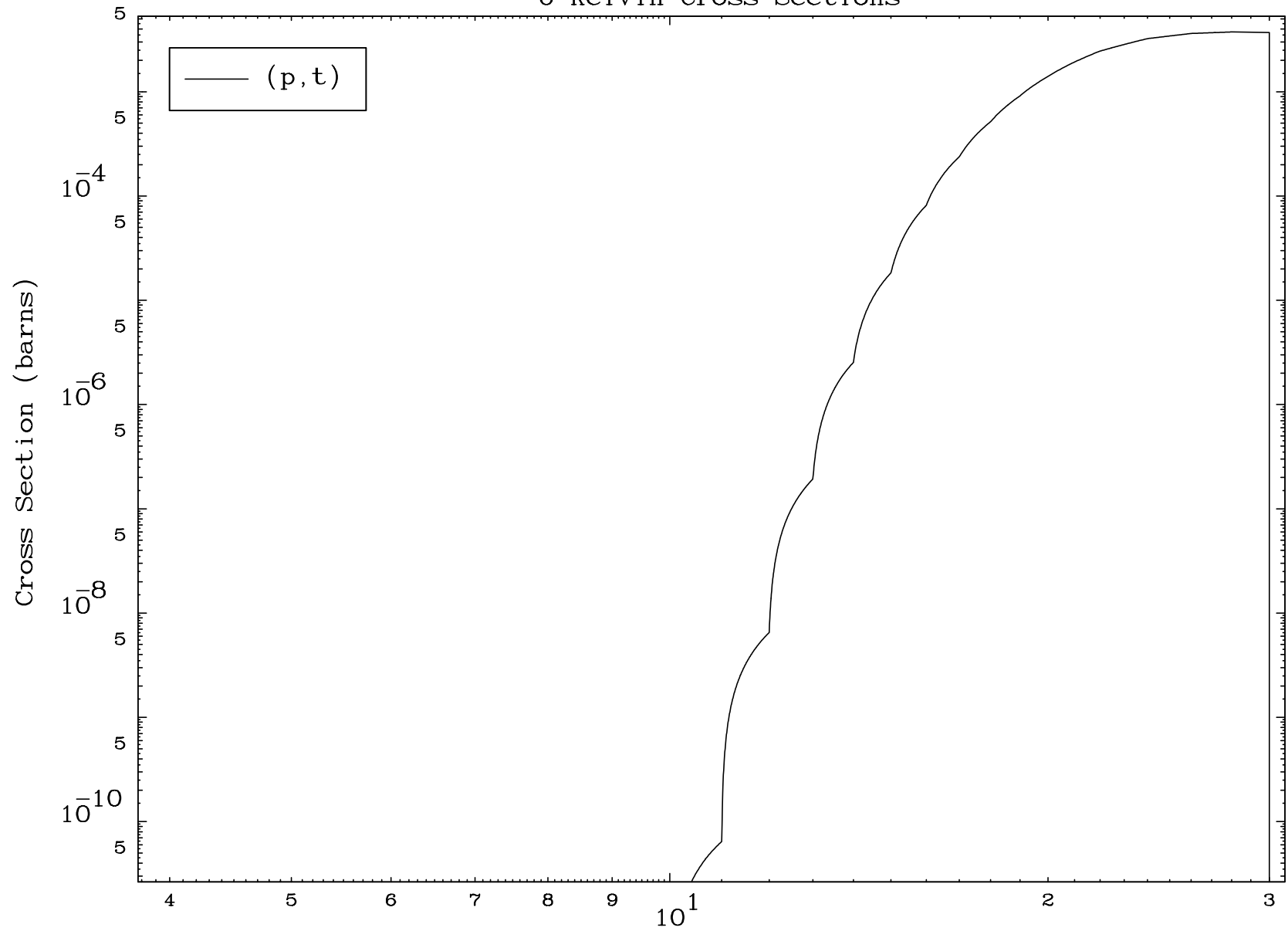
Incident Energy (MeV)

72-Hf-180

MAT 7244

(p,t) Levels
0 Kelvin Cross Sections

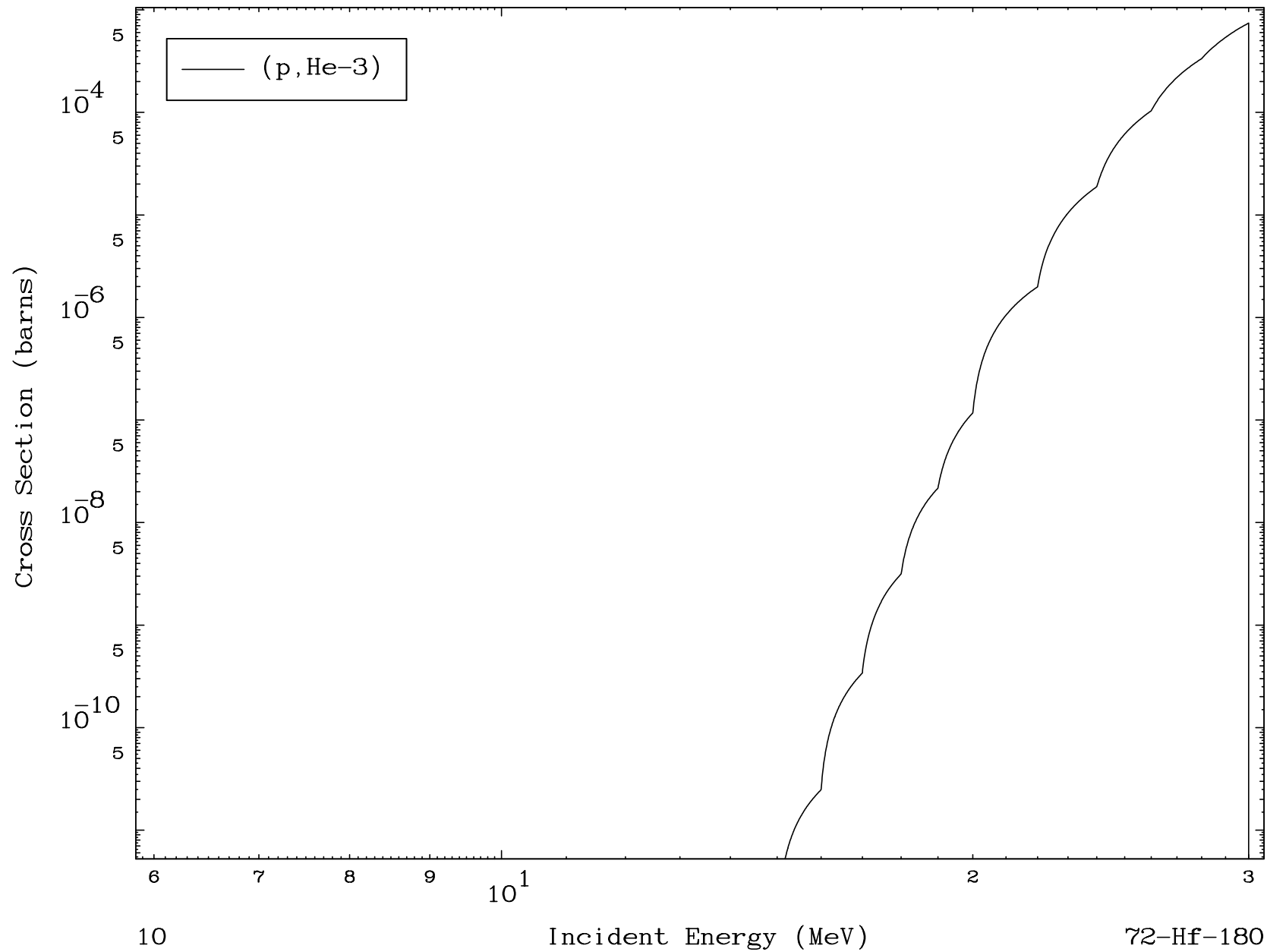
72-Hf-180

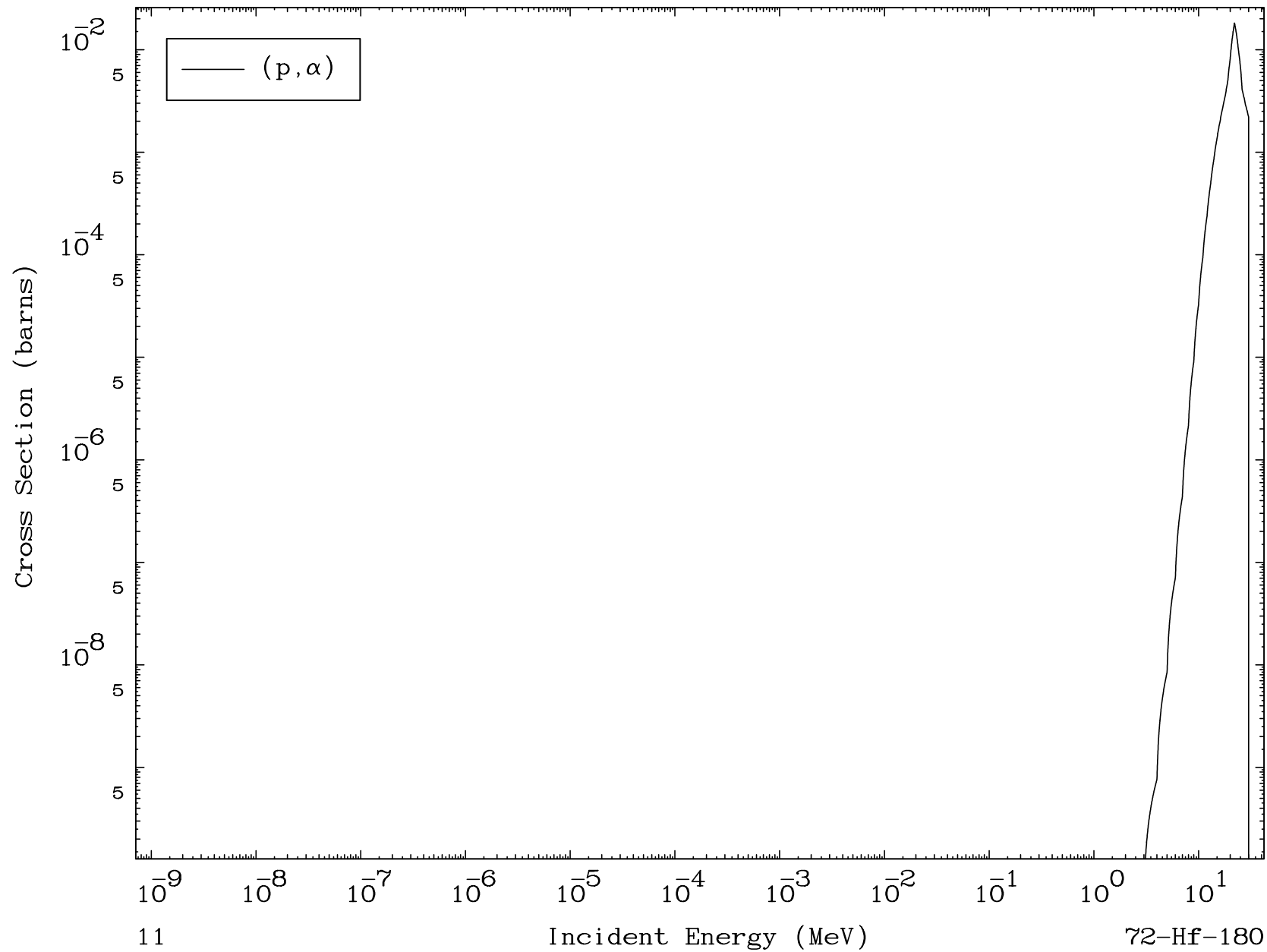


9

Incident Energy (MeV)

72-Hf-180

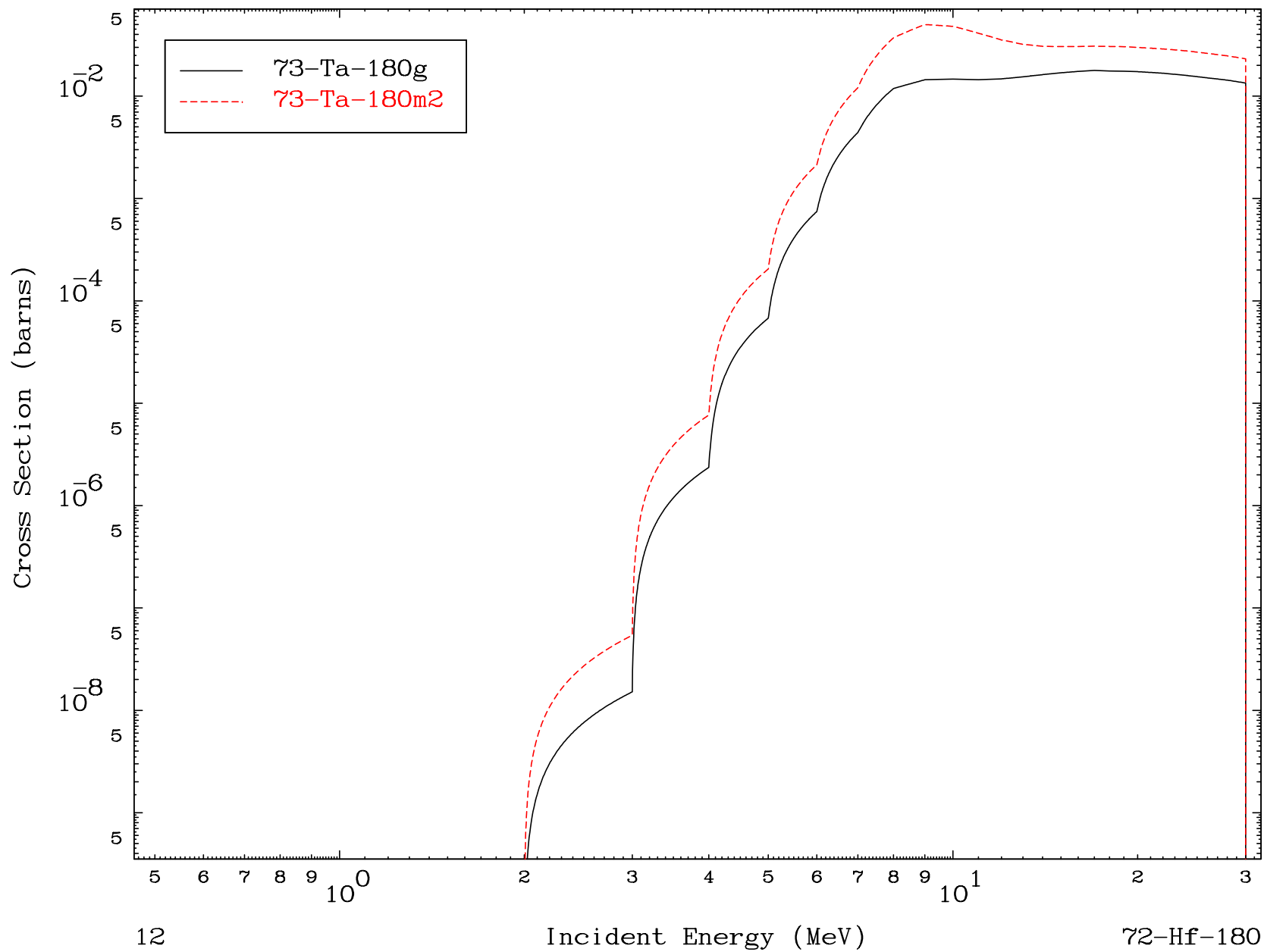




MAT 7244

Proton Inelastic
Radionuclide Production Cross Section

72-Hf-180

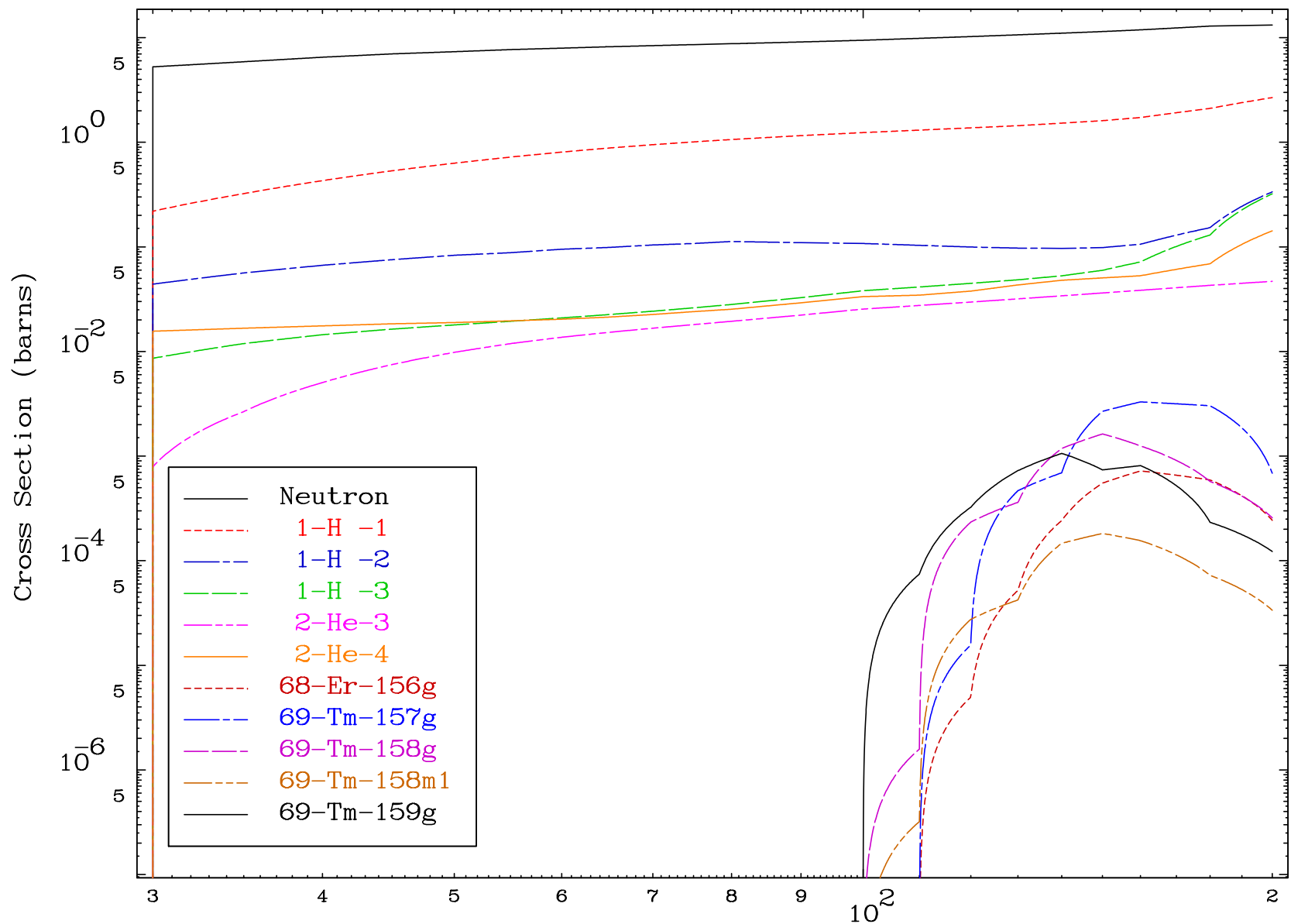


MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section



13

Incident Energy (MeV)

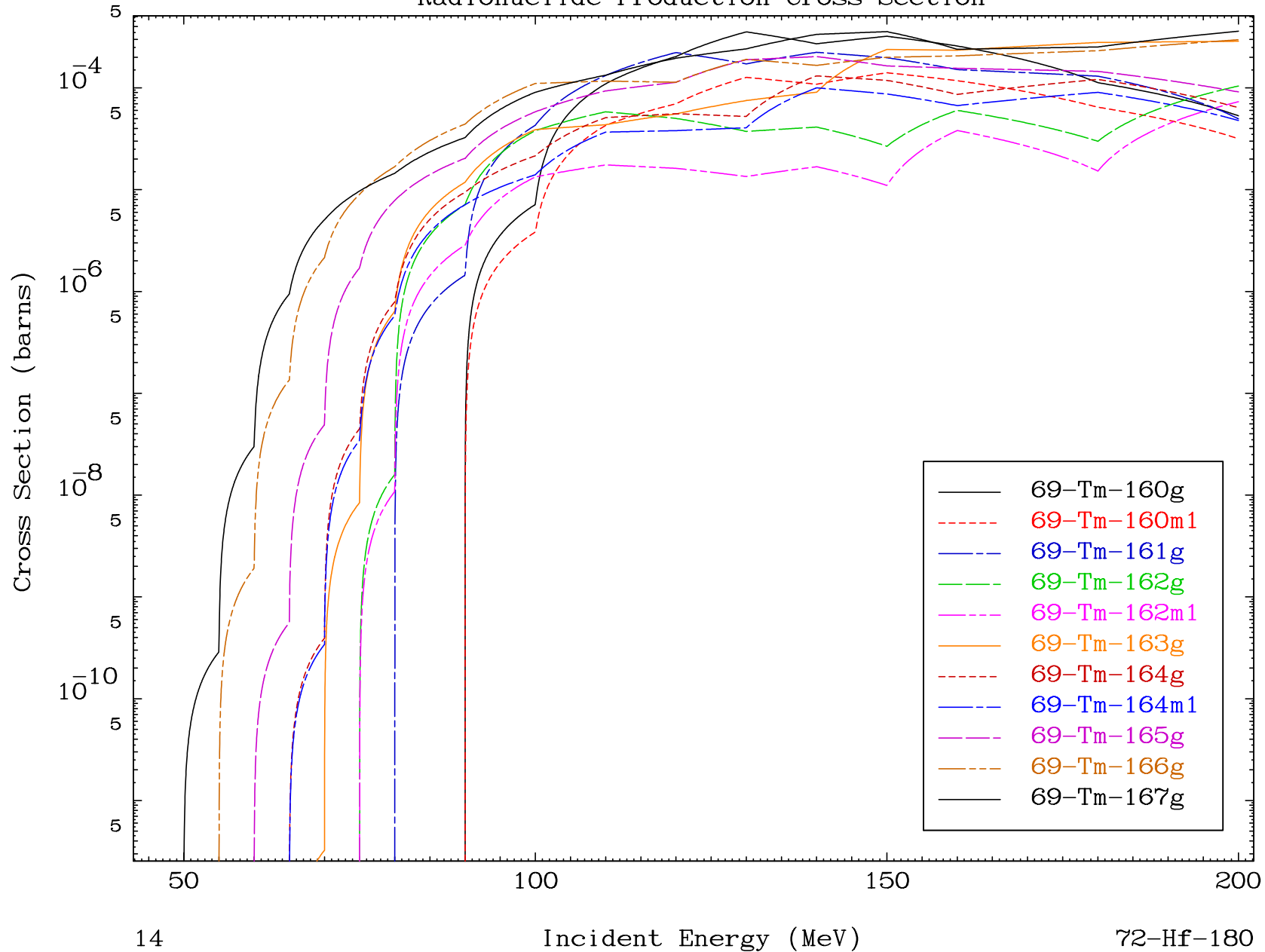
72-Hf-180

MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section

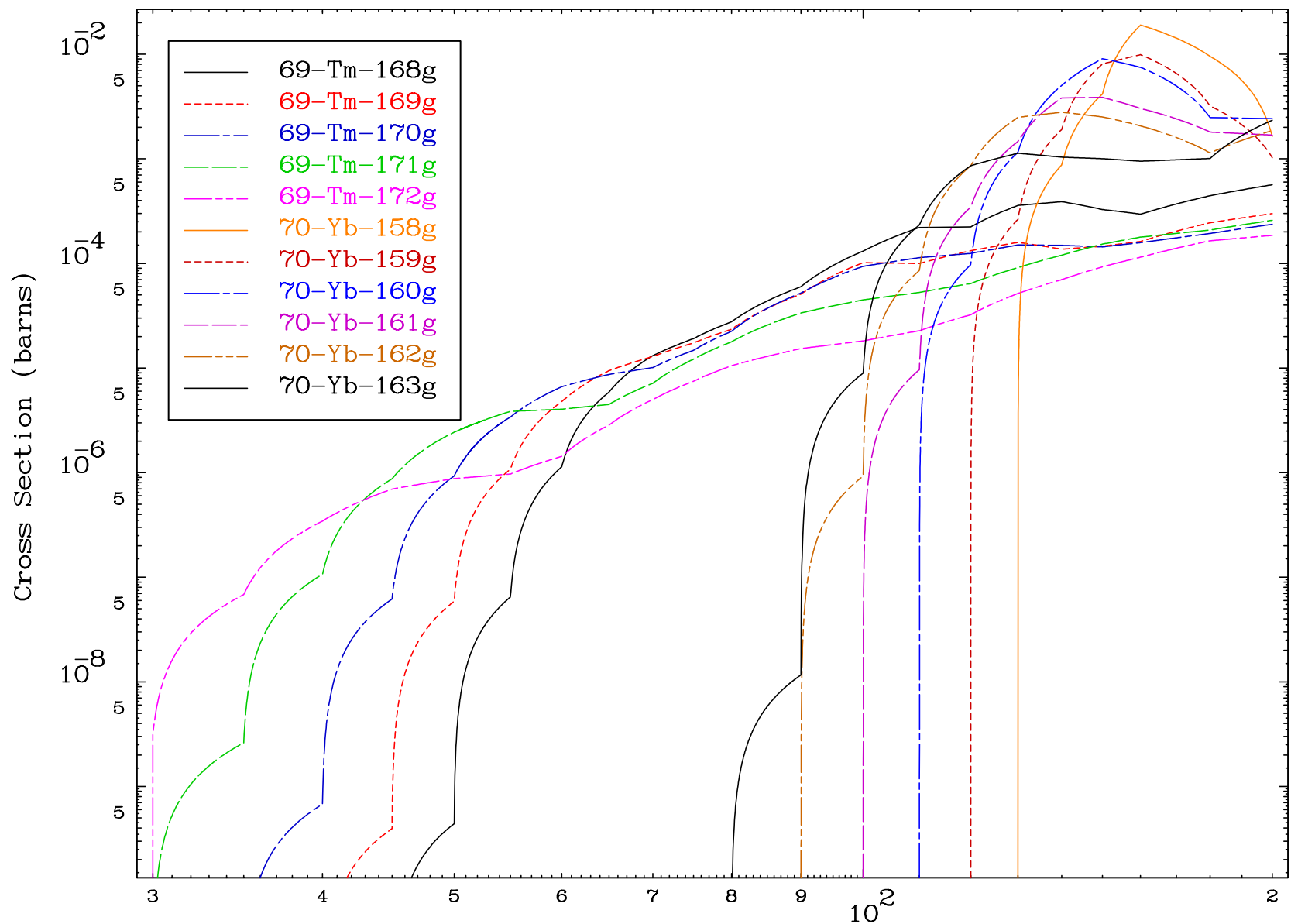


MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section



15

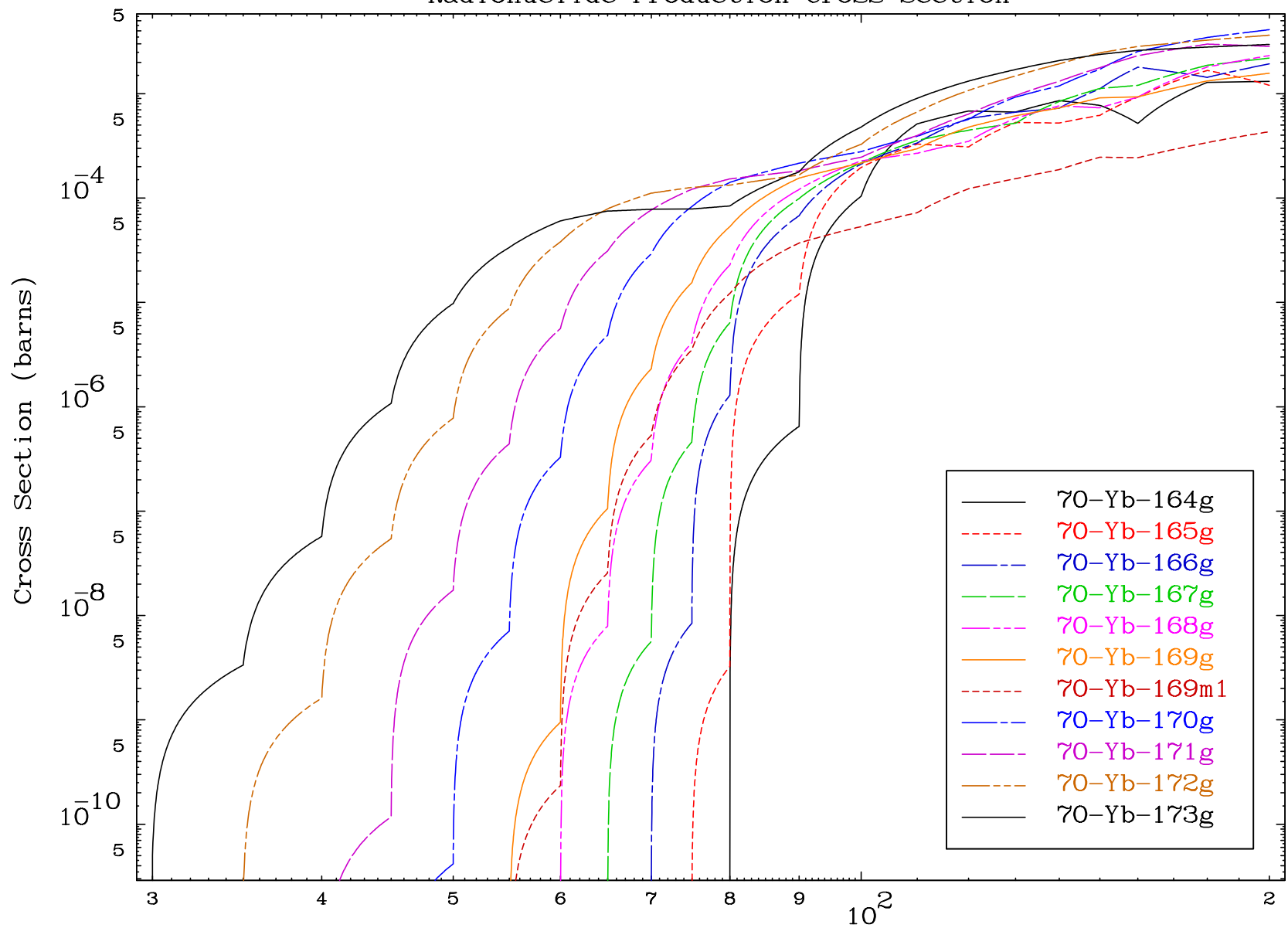
Incident Energy (MeV)

72-Hf-180

MAT 7244

(p,remainder)
Radionuclide Production Cross Section

72-Hf-180



16

Incident Energy (MeV)

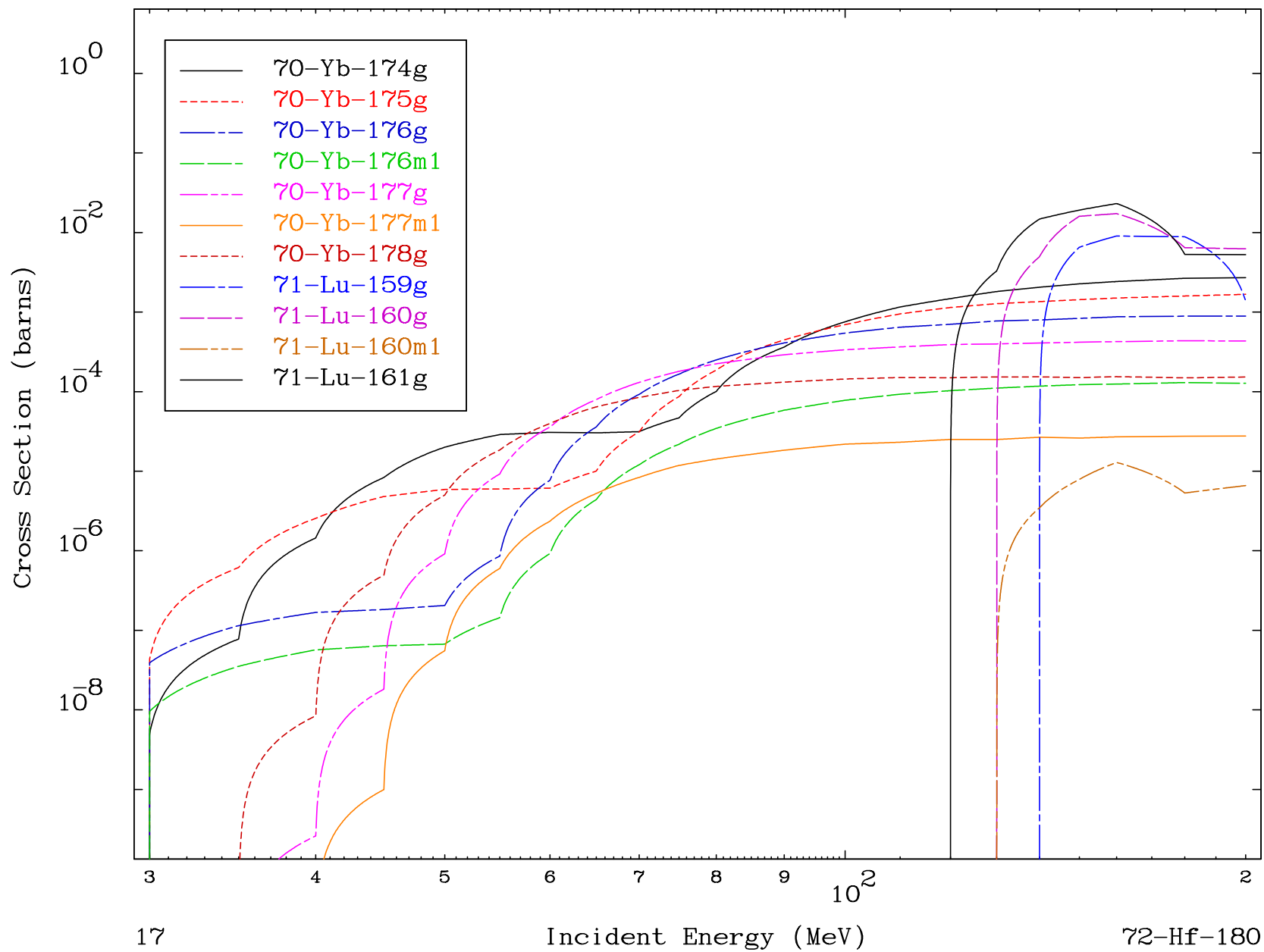
72-Hf-180

MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section

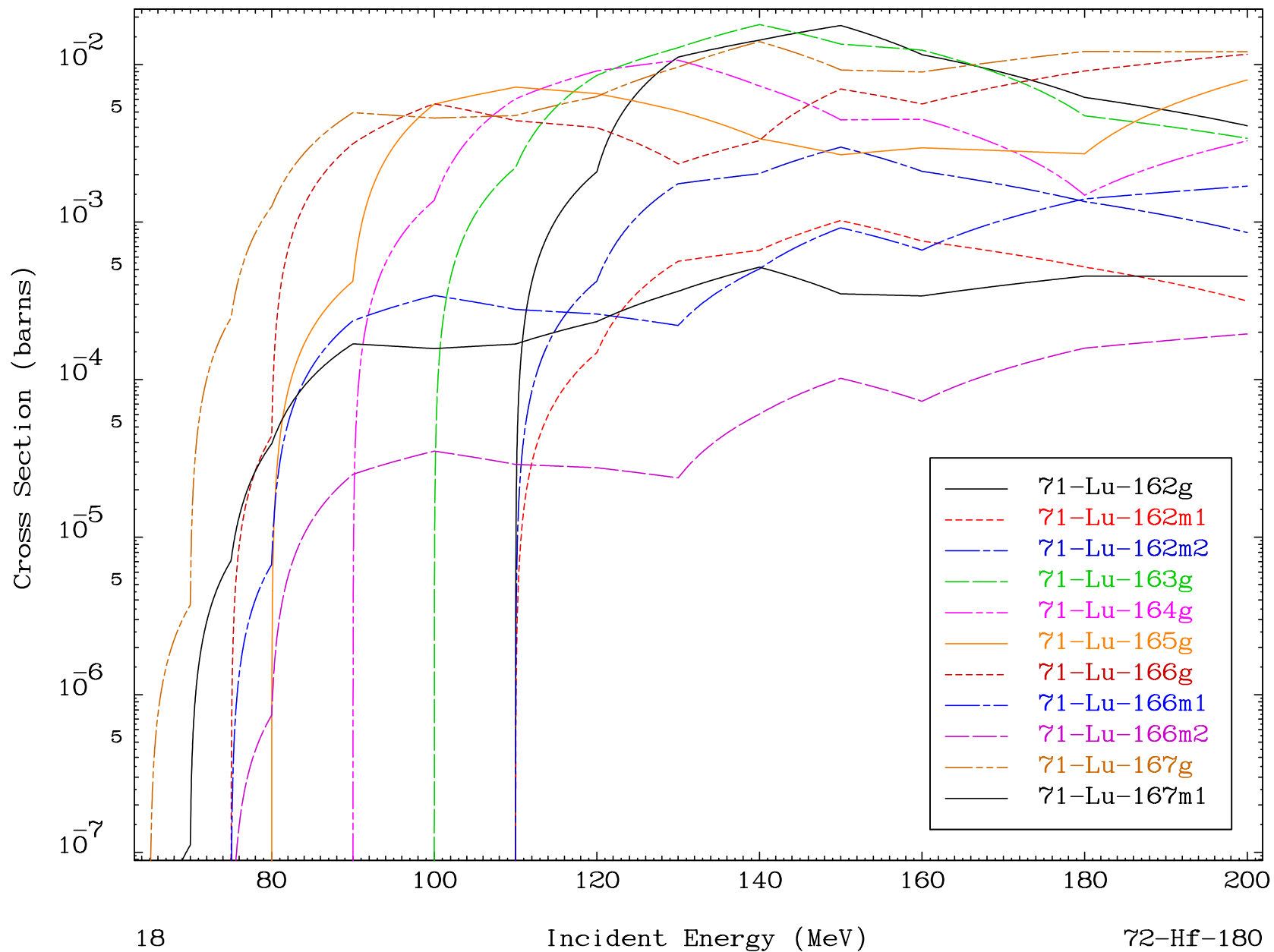


MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section

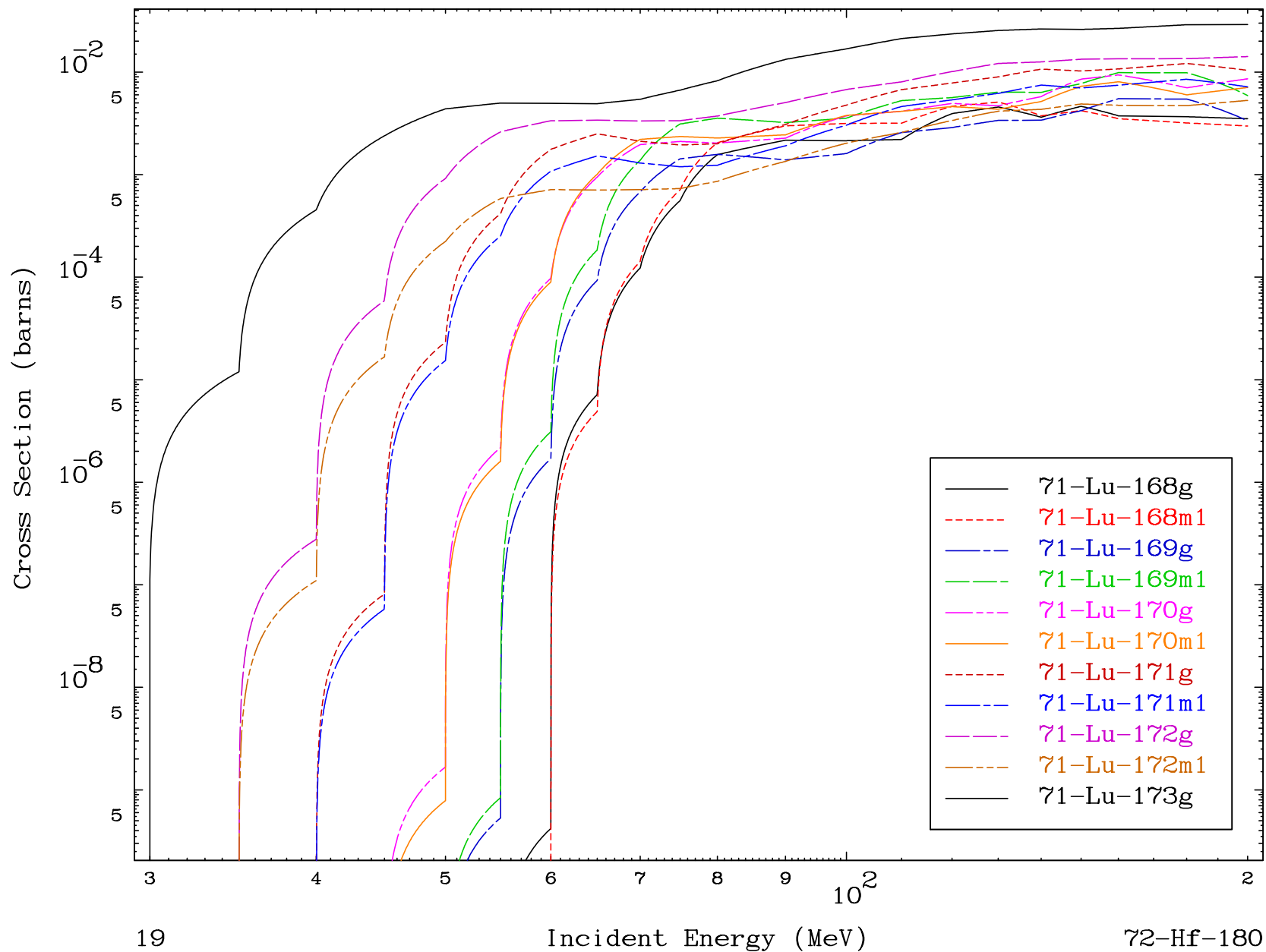


MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section

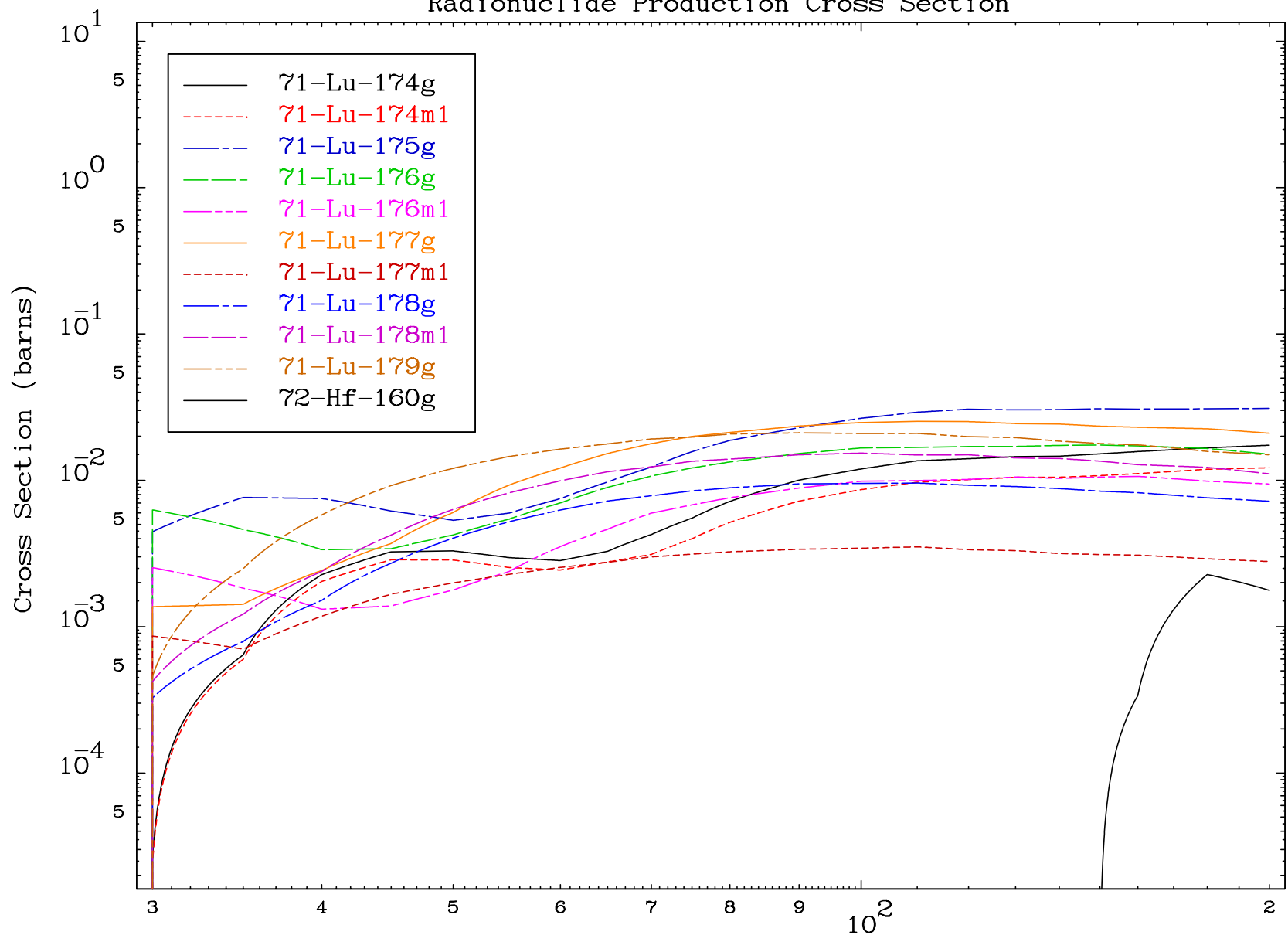


MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section



20

Incident Energy (MeV)

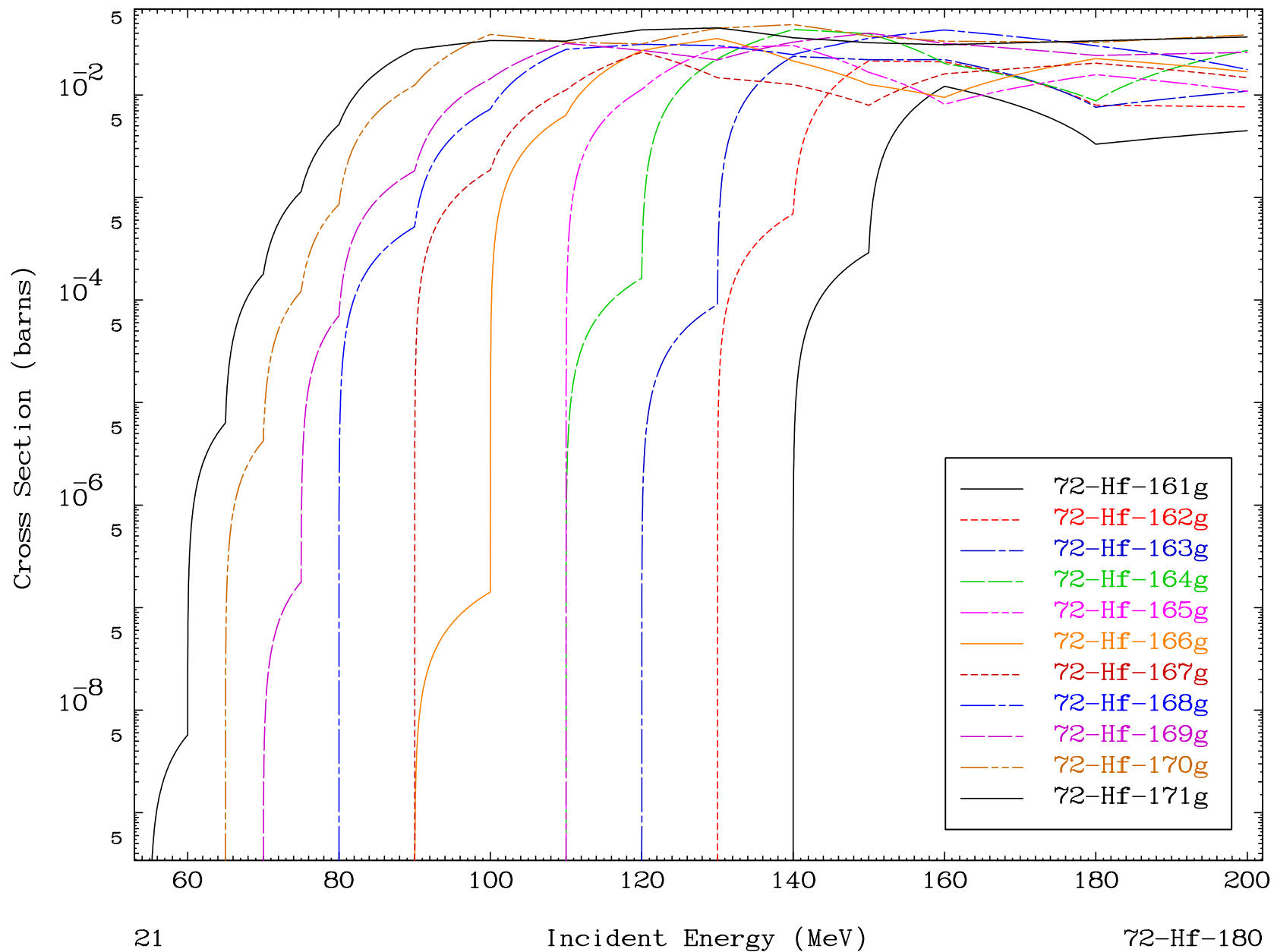
72-Hf-180

MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section

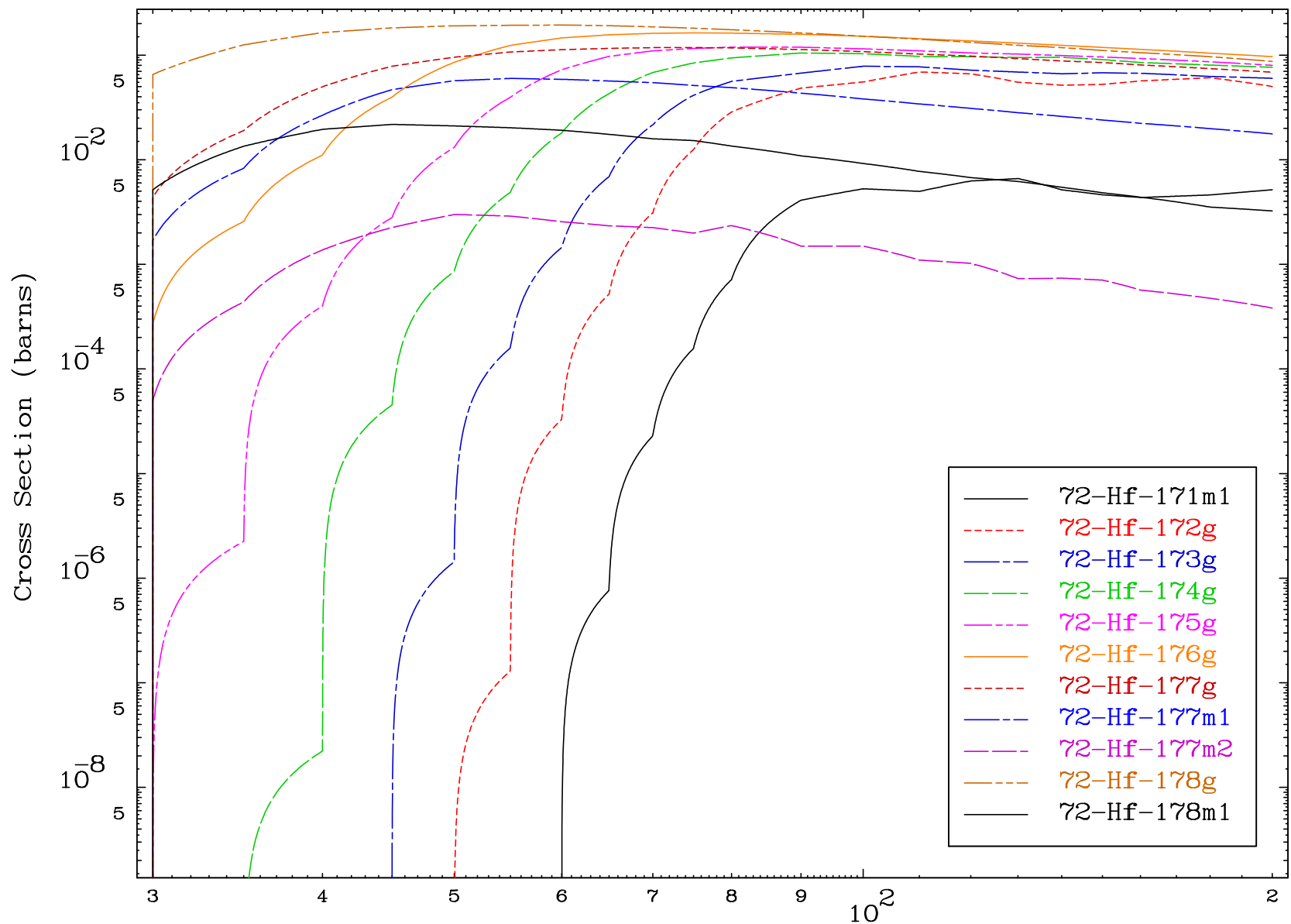


MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section



22

Incident Energy (MeV)

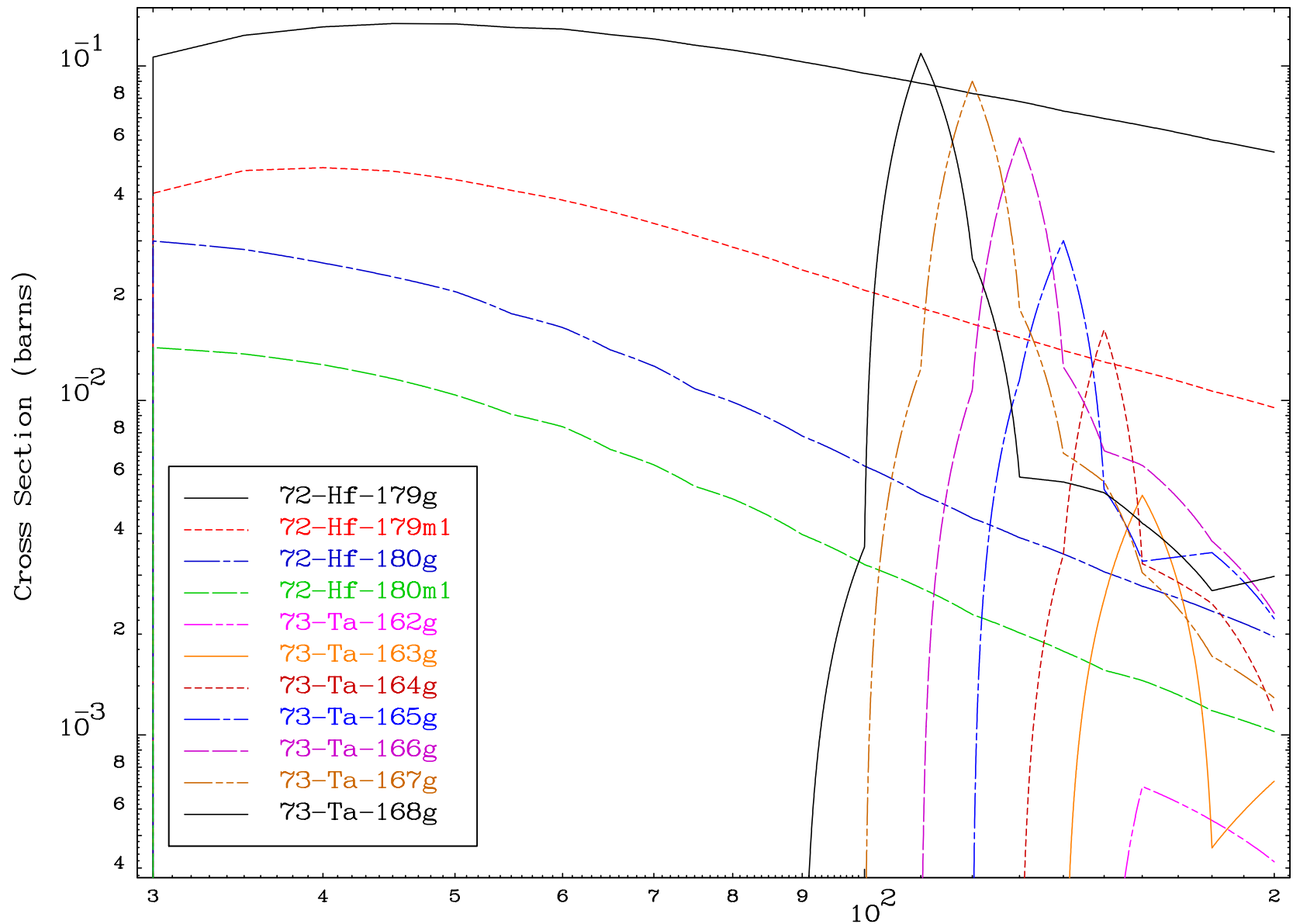
72-Hf-180

MAT 7244

(p,remainder)

72-Hf-180

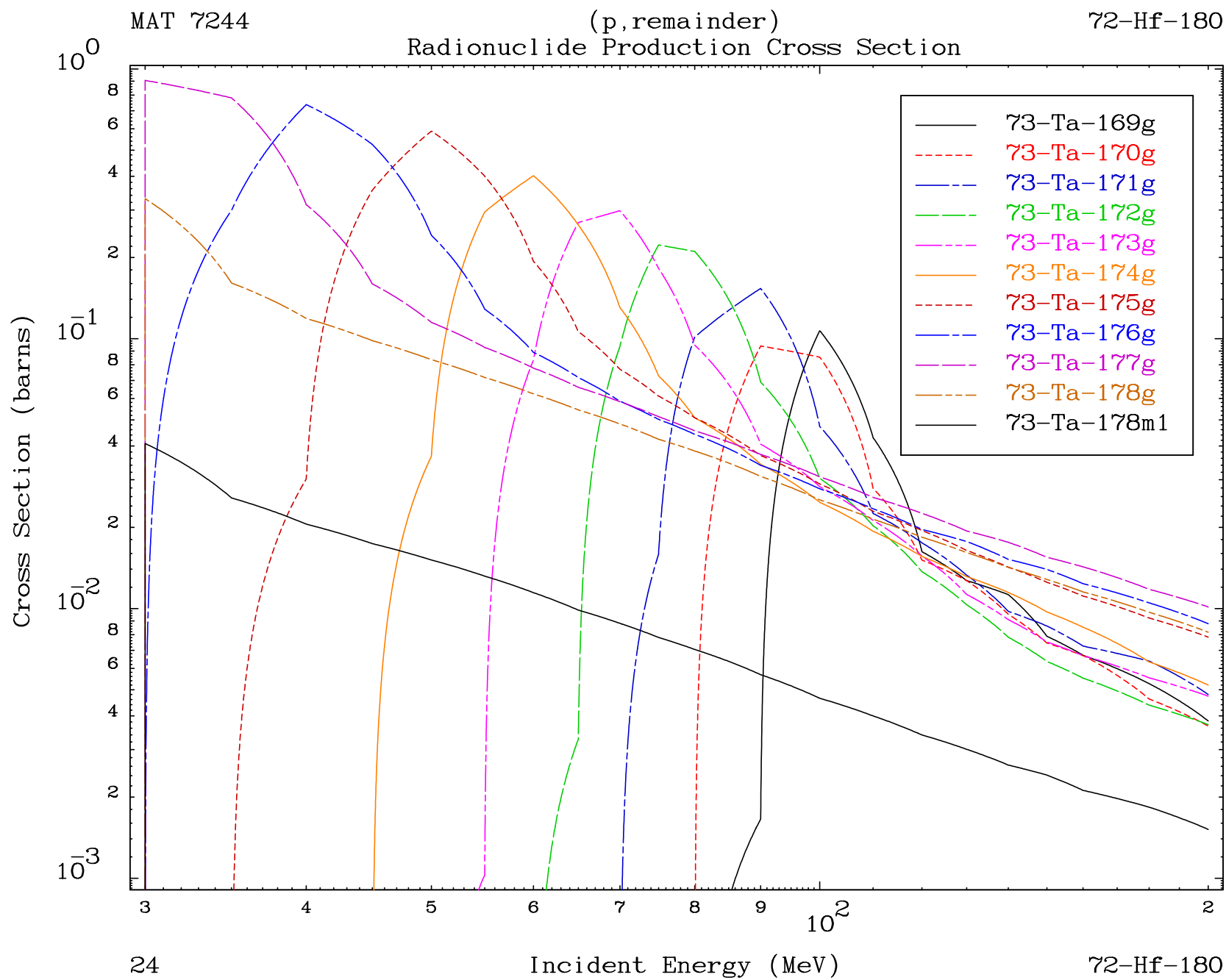
Radionuclide Production Cross Section



23

Incident Energy (MeV)

72-Hf-180

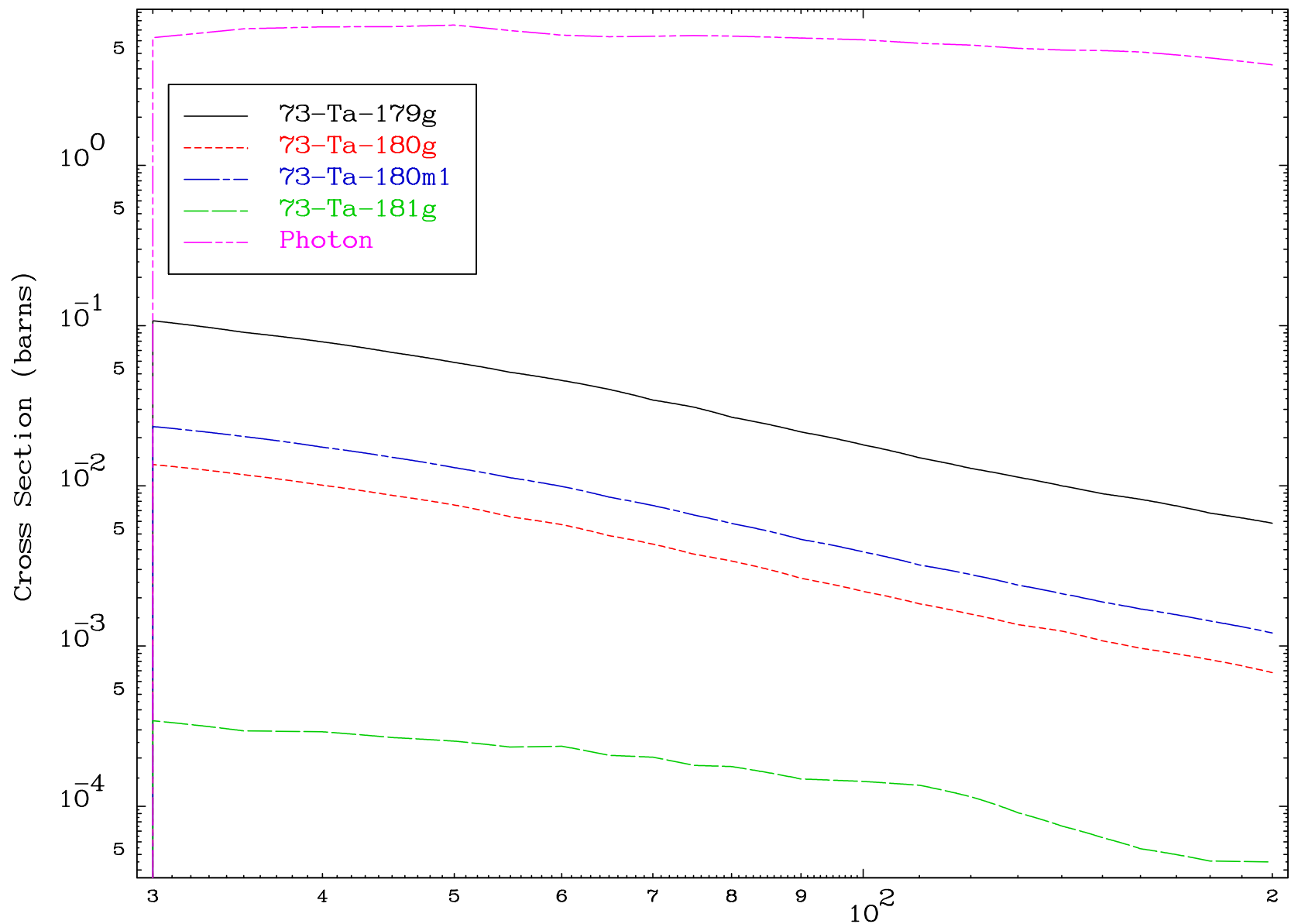


MAT 7244

(p,remainder)

72-Hf-180

Radionuclide Production Cross Section



25

Incident Energy (MeV)

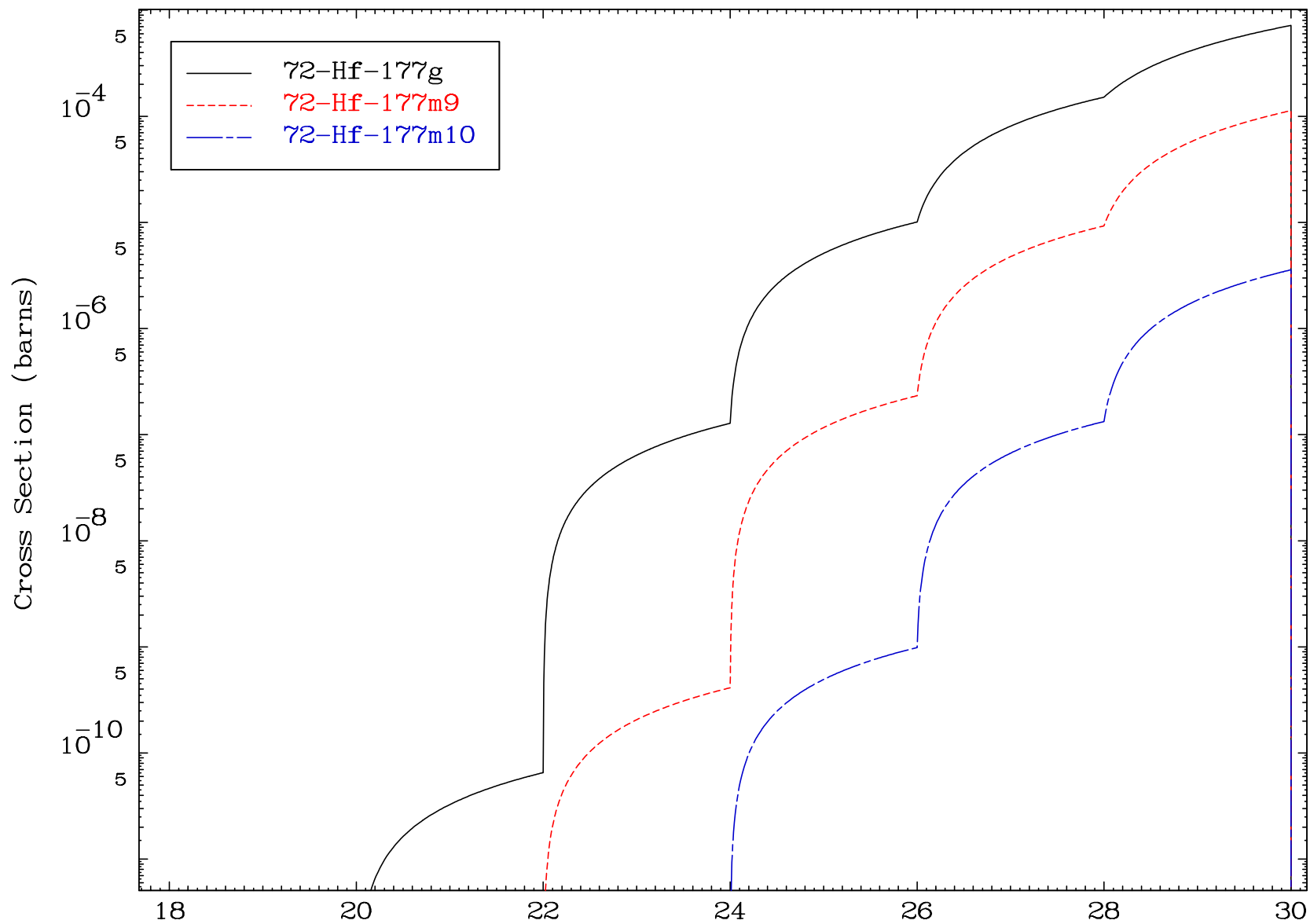
72-Hf-180

MAT 7244

(p,2n) d

72-Hf-180

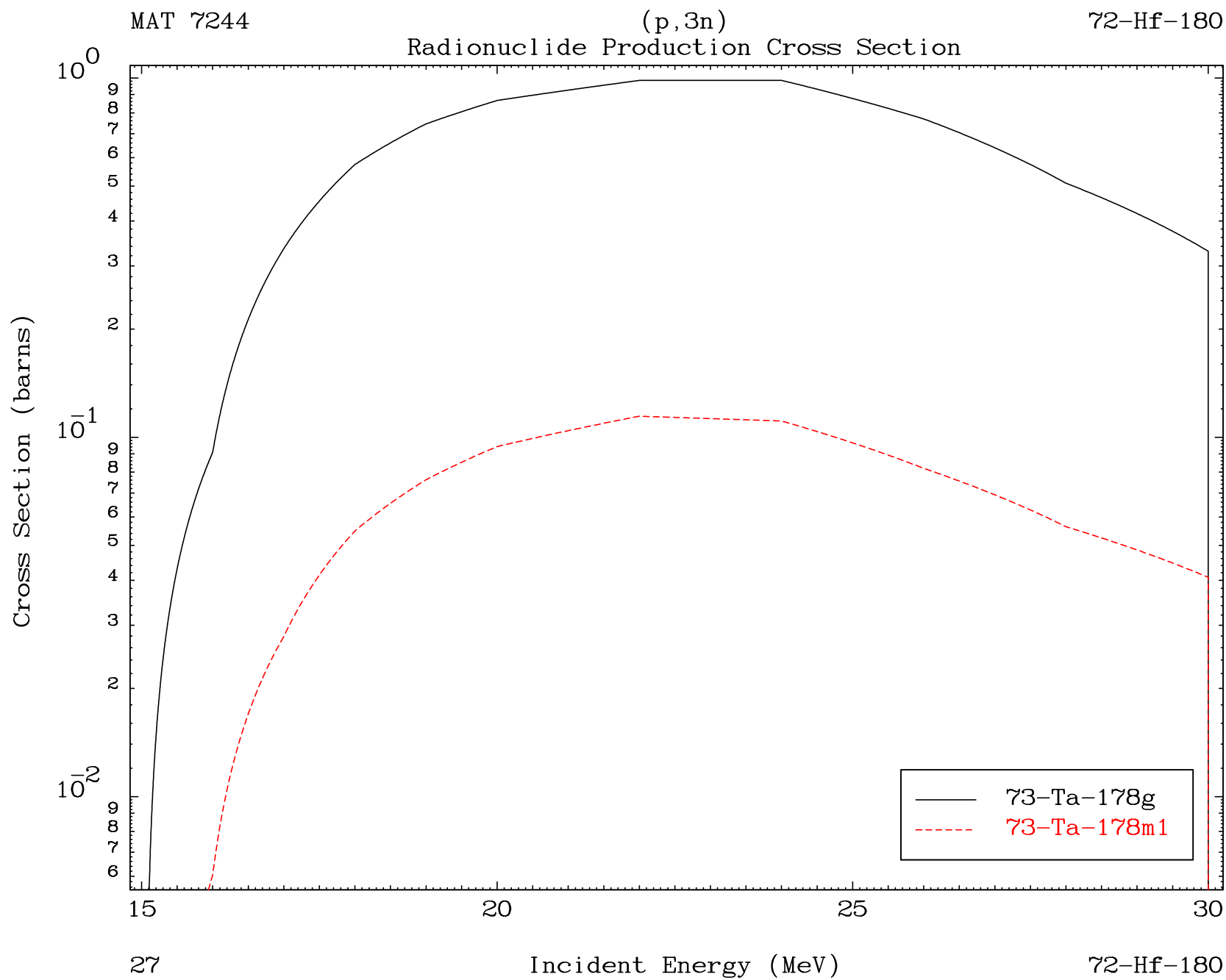
Radionuclide Production Cross Section



26

Incident Energy (MeV)

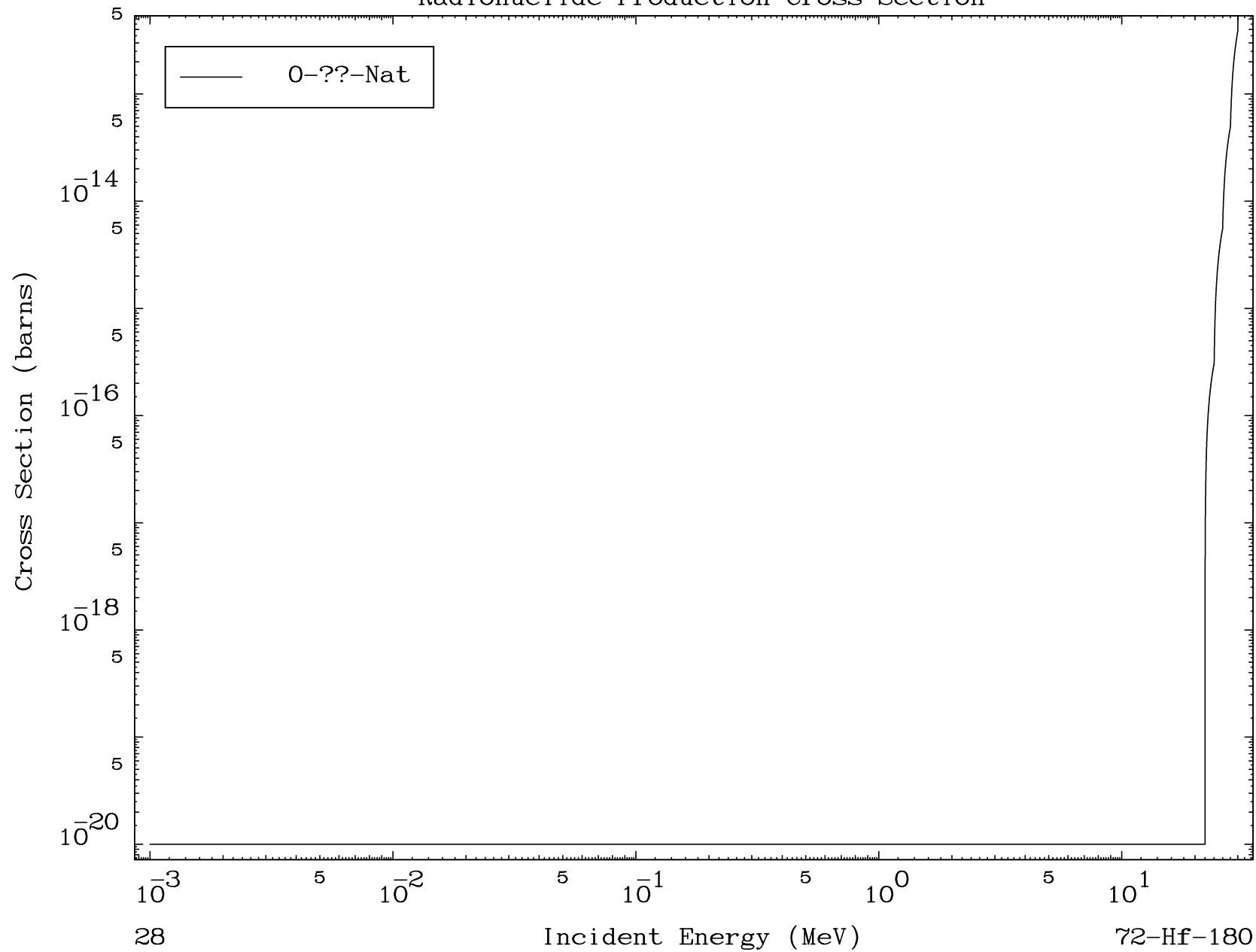
72-Hf-180



MAT 7244

Proton Fission
Radionuclide Production Cross Section

72-Hf-180

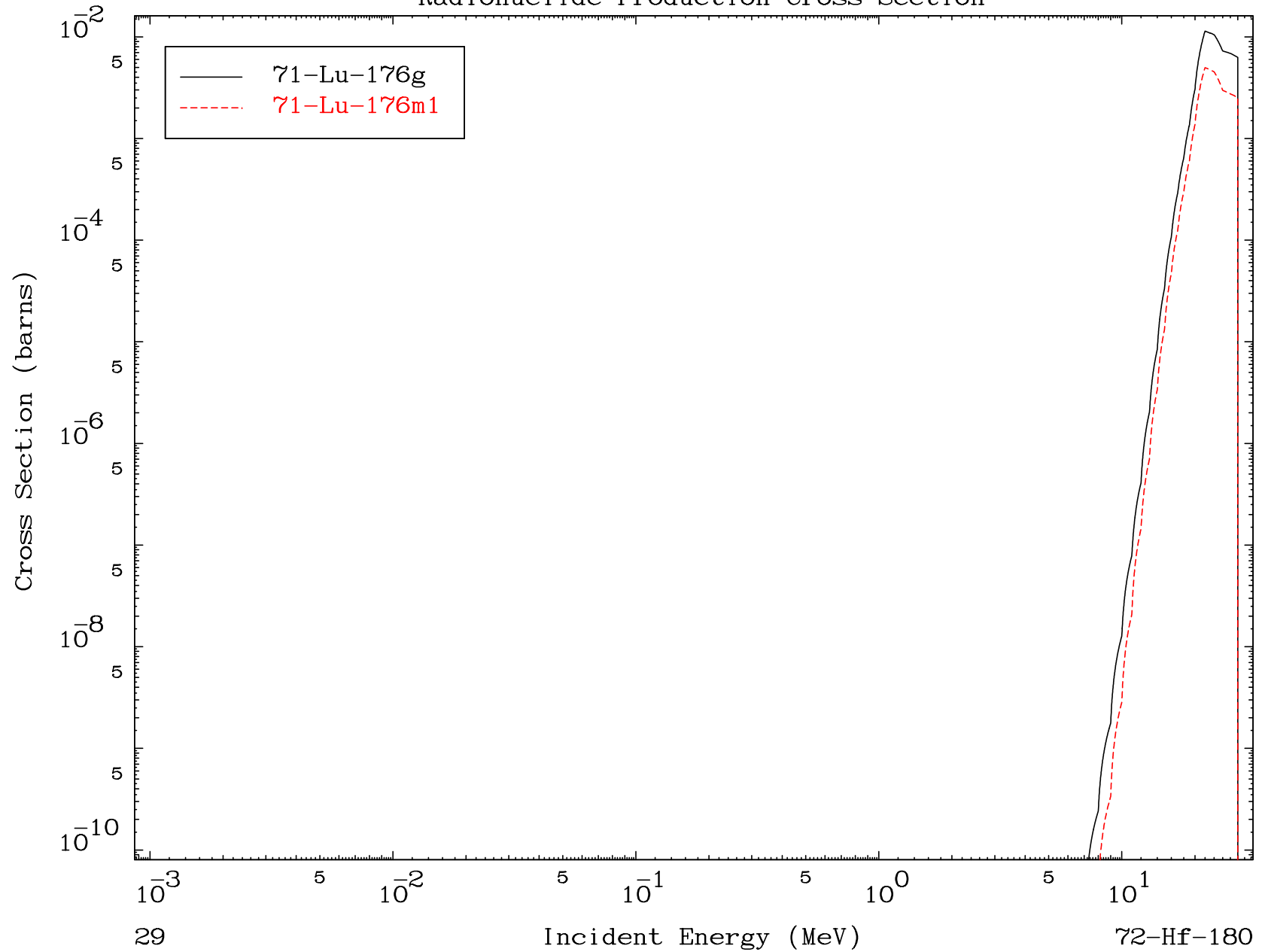


MAT 7244

(p,n') α

72-Hf-180

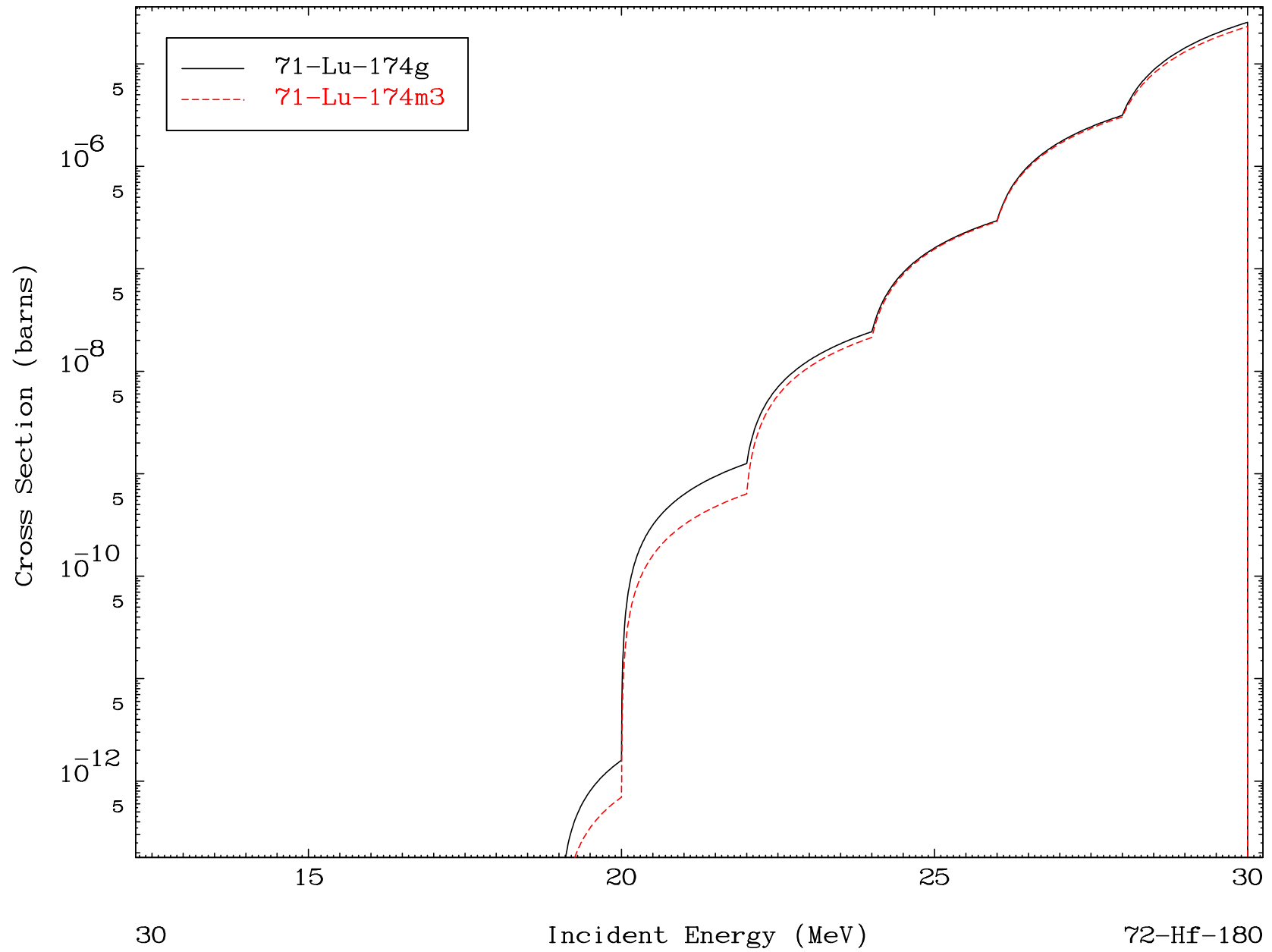
Radionuclide Production Cross Section



MAT 7244

 $(p,3n) \alpha$
Radionuclide Production Cross Section

72-Hf-180

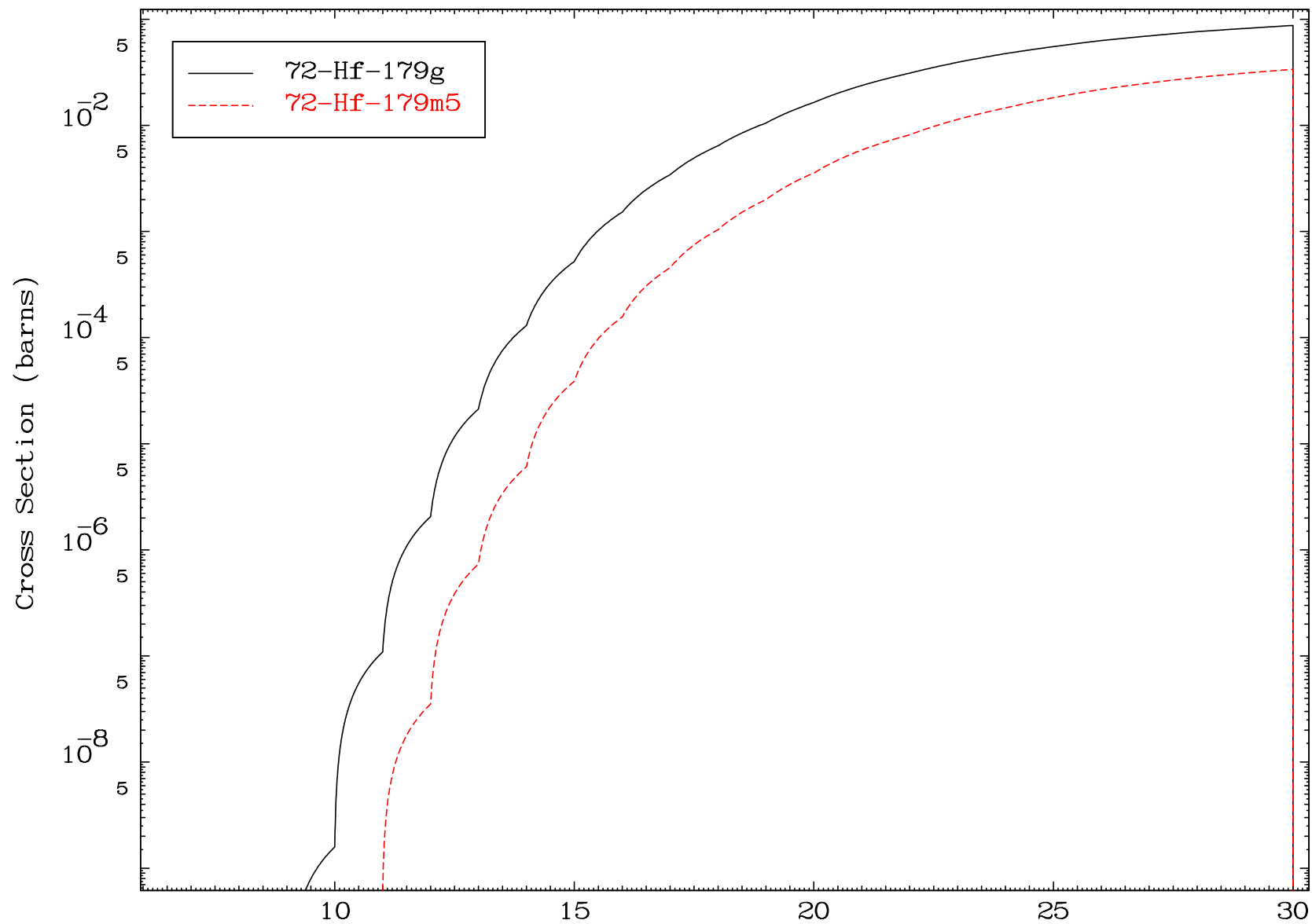


MAT 7244

(p,n') p

72-Hf-180

Radionuclide Production Cross Section



31

Incident Energy (MeV)

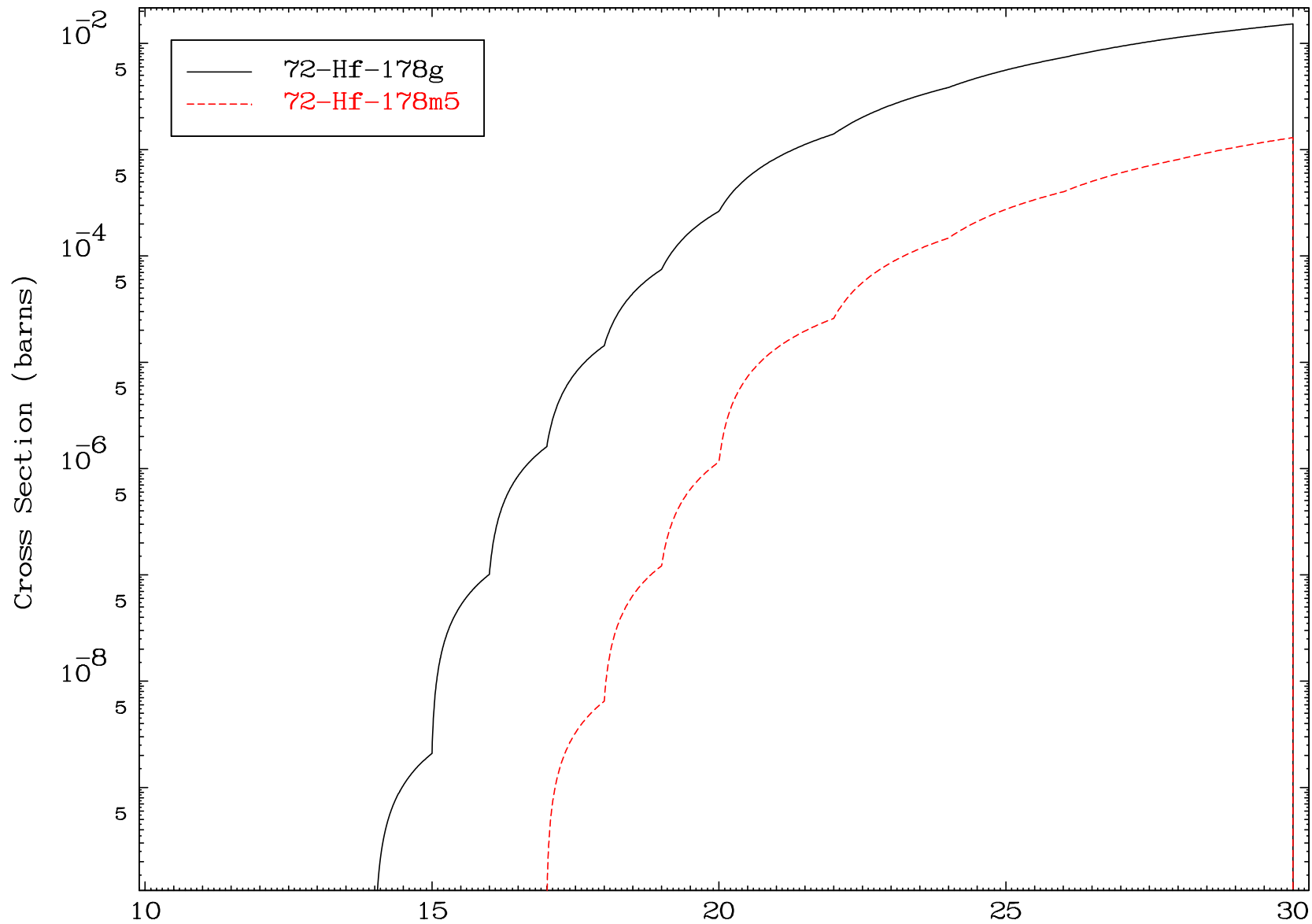
72-Hf-180

MAT 7244

(p,n') d

72-Hf-180

Radionuclide Production Cross Section



32

Incident Energy (MeV)

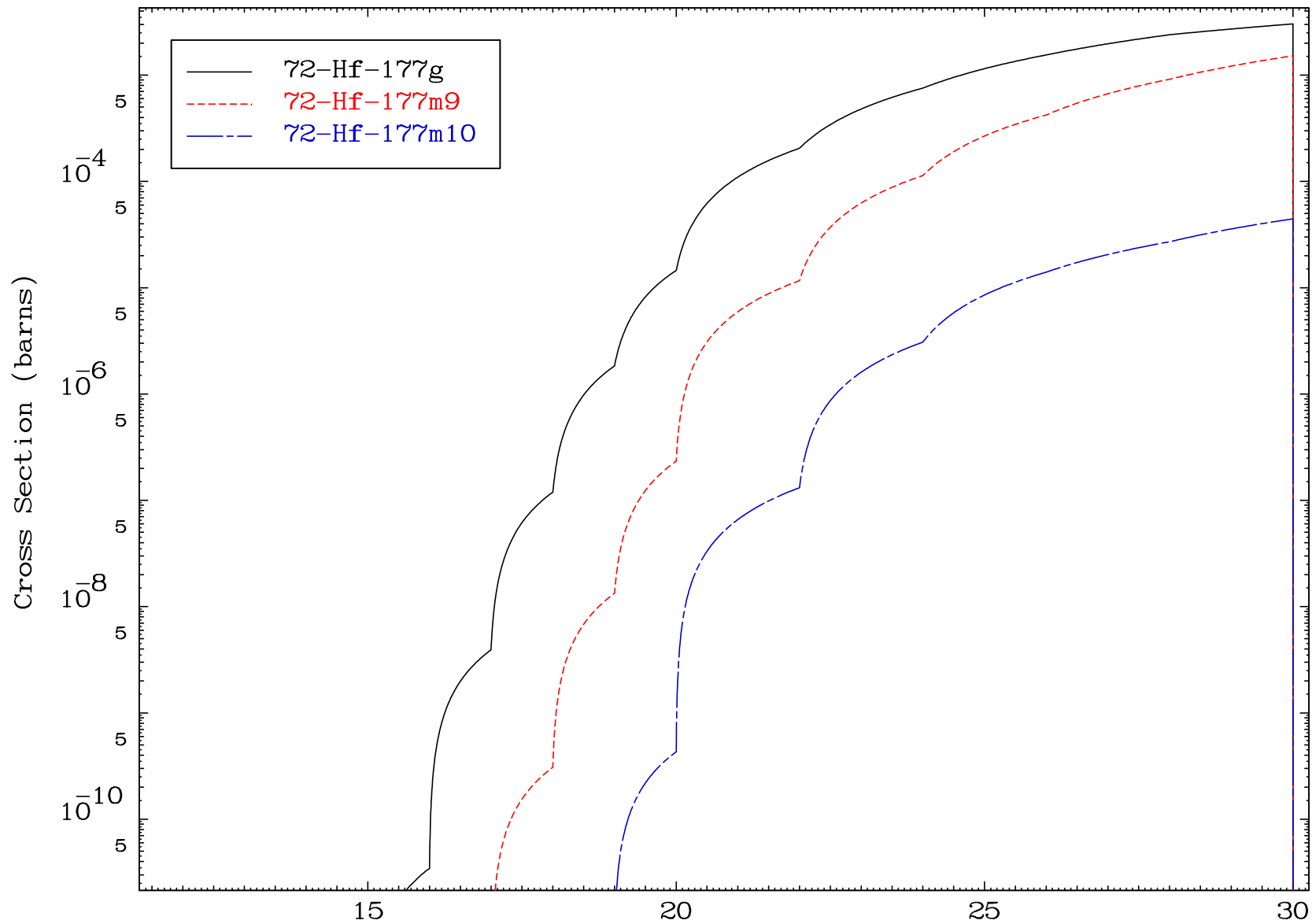
72-Hf-180

MAT 7244

(p,n') t

72-Hf-180

Radionuclide Production Cross Section



33

Incident Energy (MeV)

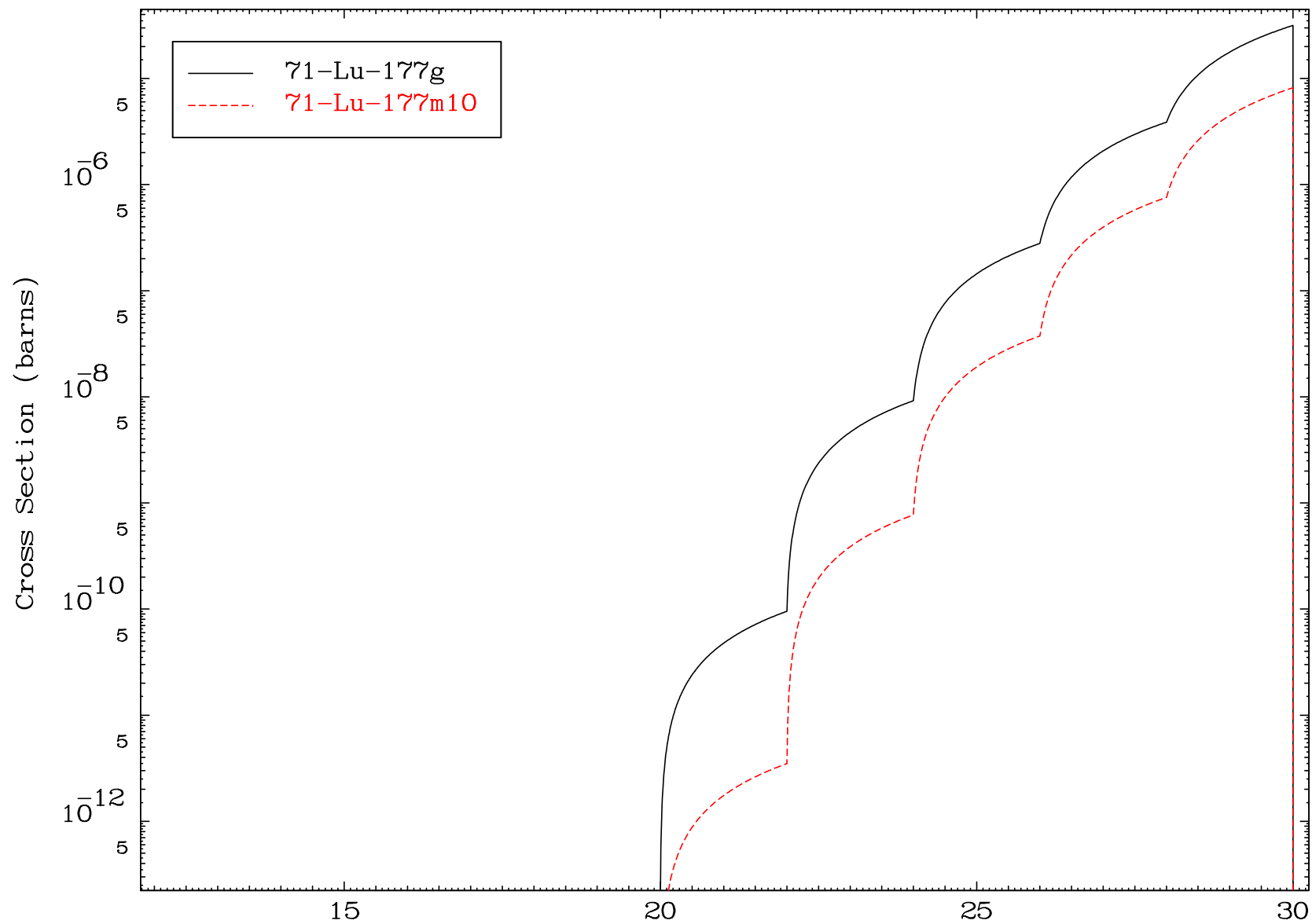
72-Hf-180

MAT 7244

(p,n') He-3

72-Hf-180

Radionuclide Production Cross Section



34

Incident Energy (MeV)

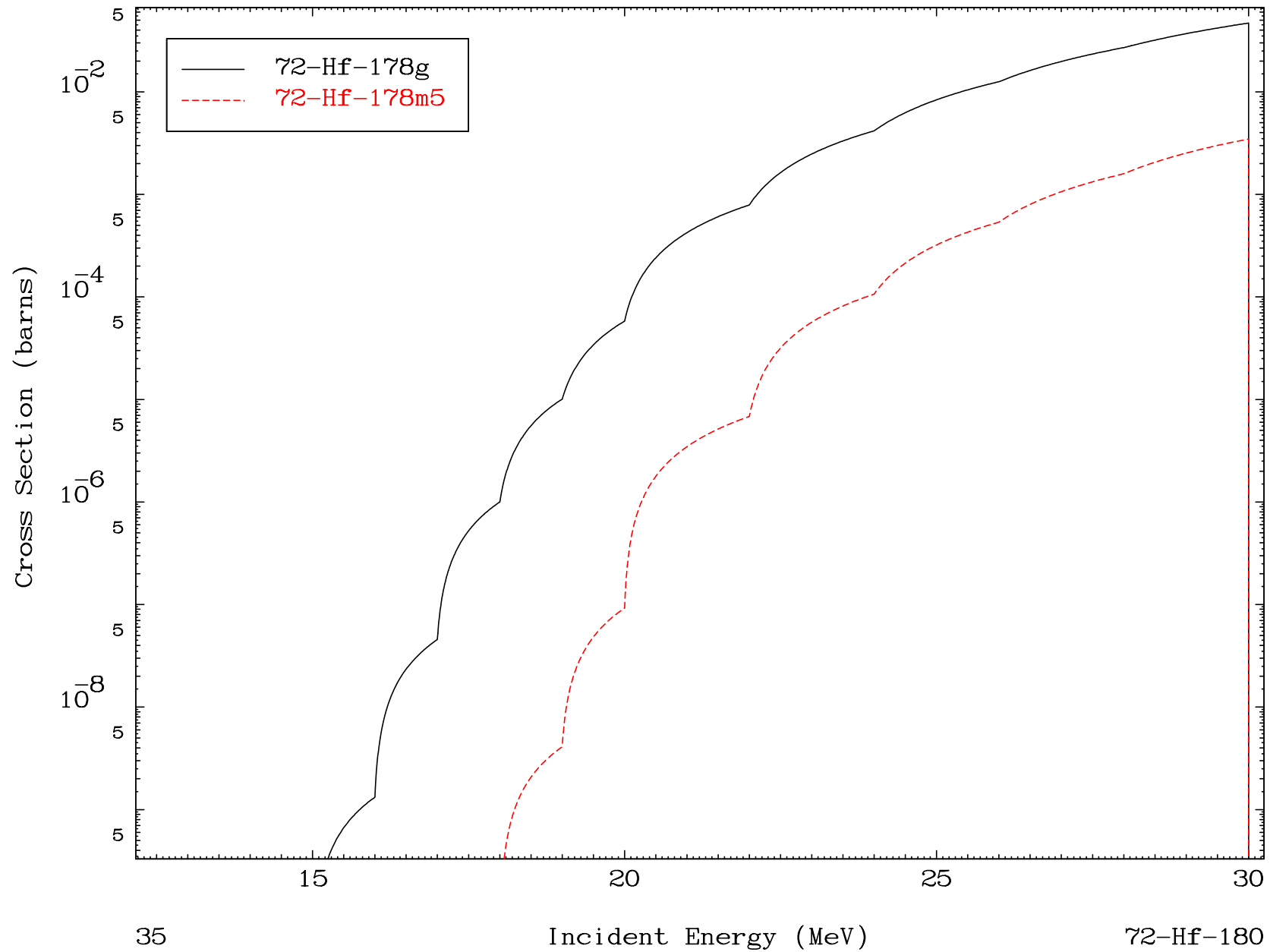
72-Hf-180

MAT 7244

(p,2n) p

72-Hf-180

Radionuclide Production Cross Section

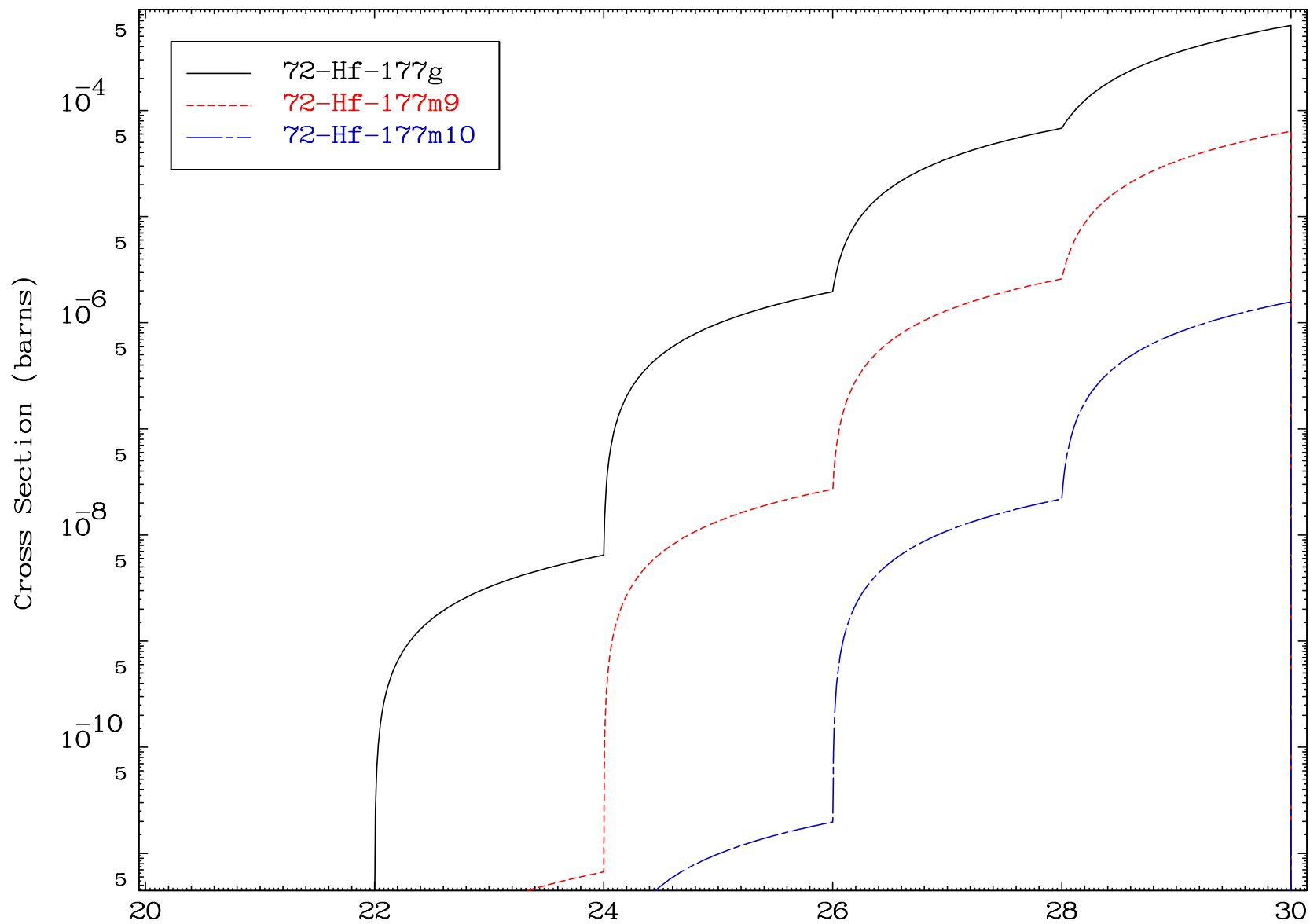


MAT 7244

(p,3n) p

72-Hf-180

Radionuclide Production Cross Section



36

Incident Energy (MeV)

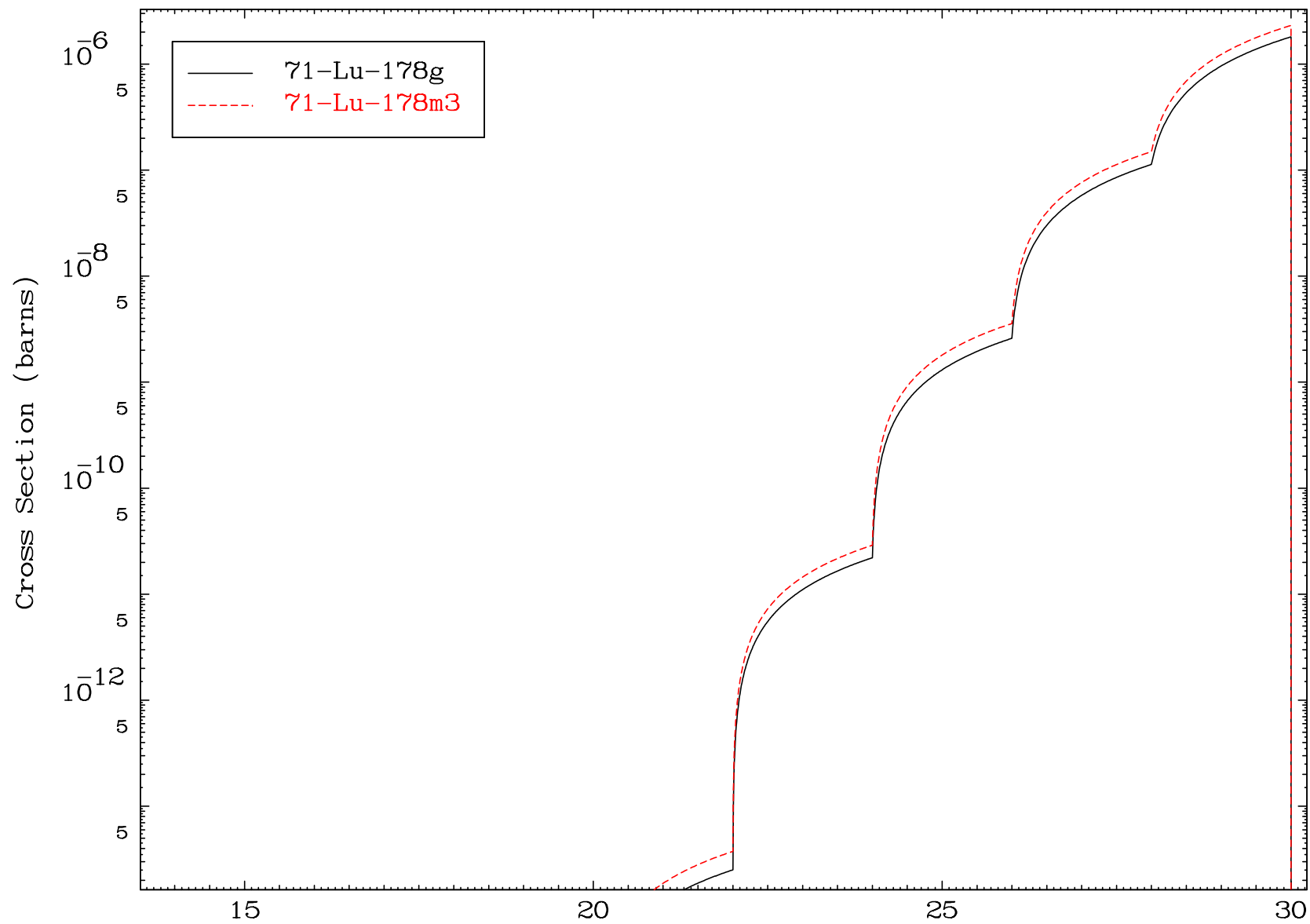
72-Hf-180

MAT 7244

(p,2n) p

72-Hf-180

Radionuclide Production Cross Section



37

Incident Energy (MeV)

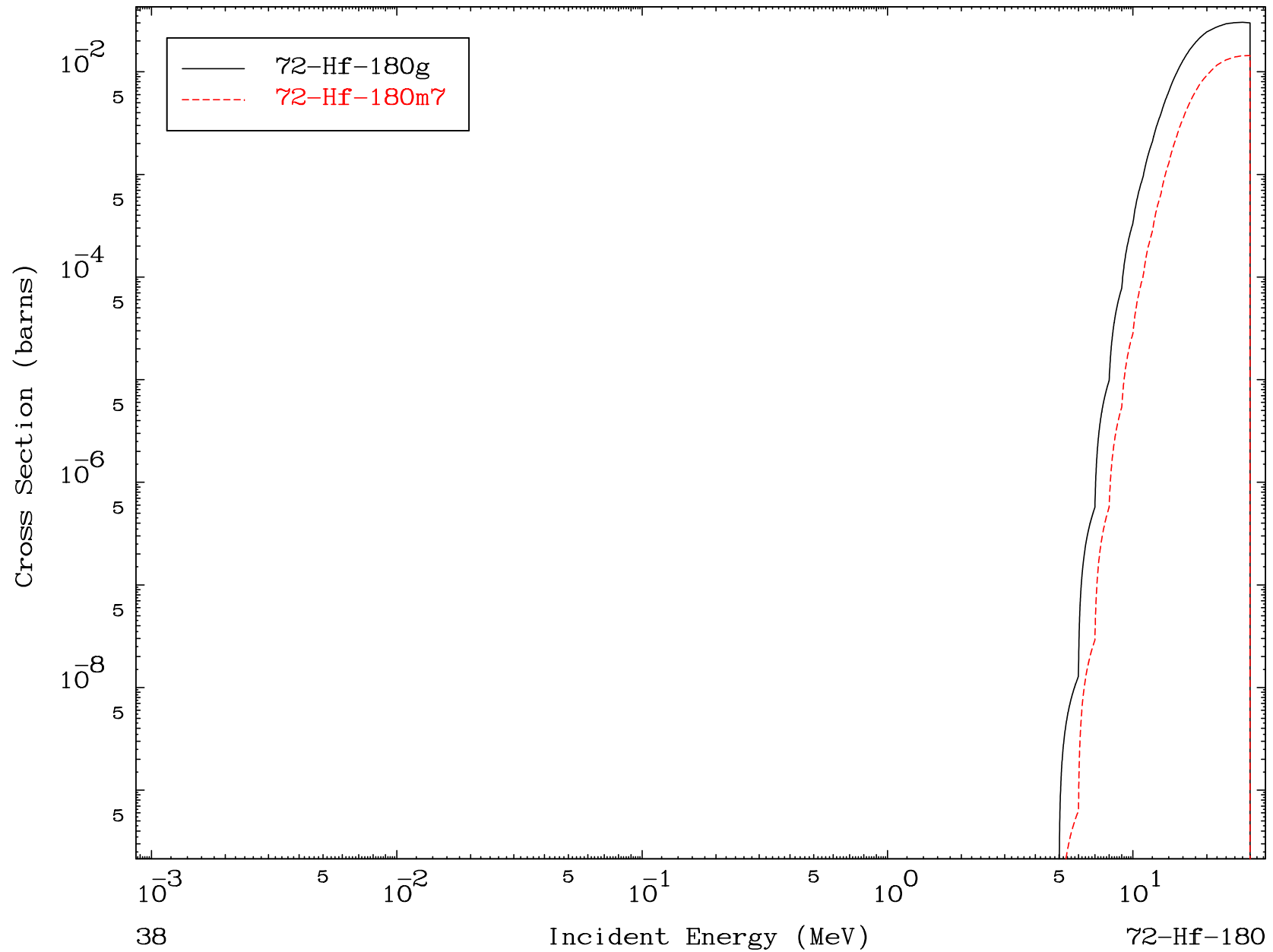
72-Hf-180

MAT 7244

(p,p)

72-Hf-180

Radionuclide Production Cross Section

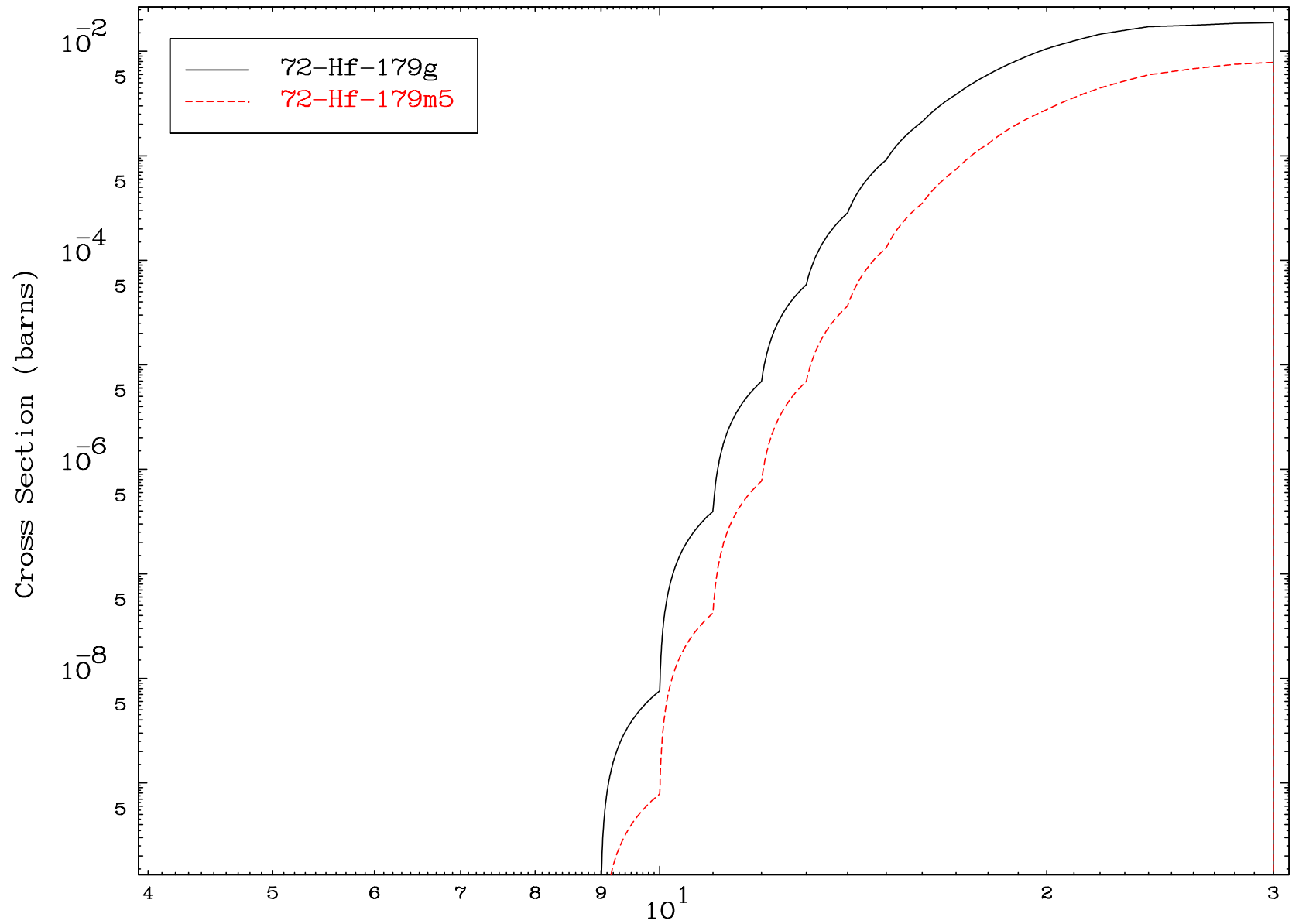


MAT 7244

(p,d)

72-Hf-180

Radionuclide Production Cross Section



39

Incident Energy (MeV)

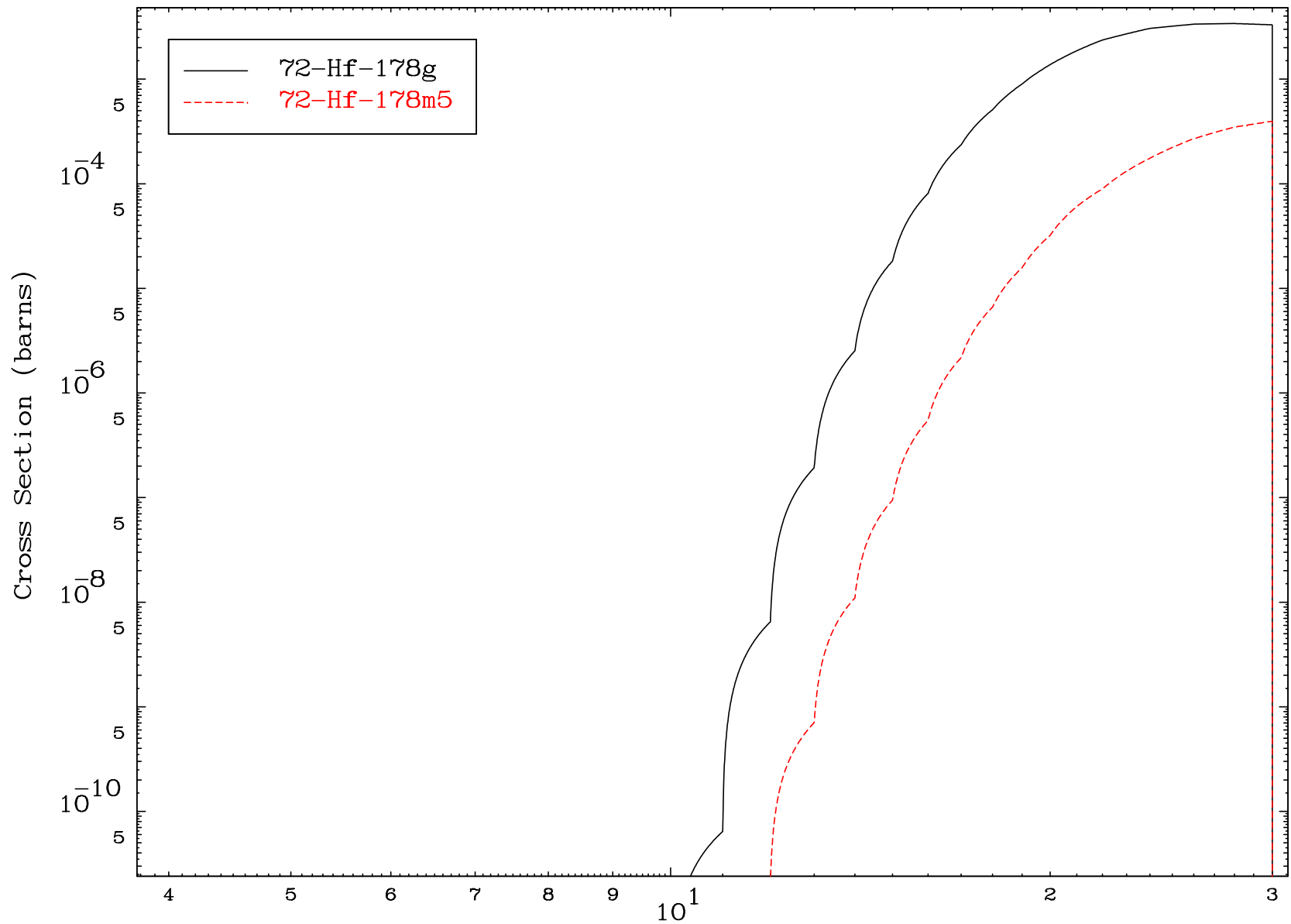
72-Hf-180

MAT 7244

(p,t)

72-Hf-180

Radionuclide Production Cross Section



40

Incident Energy (MeV)

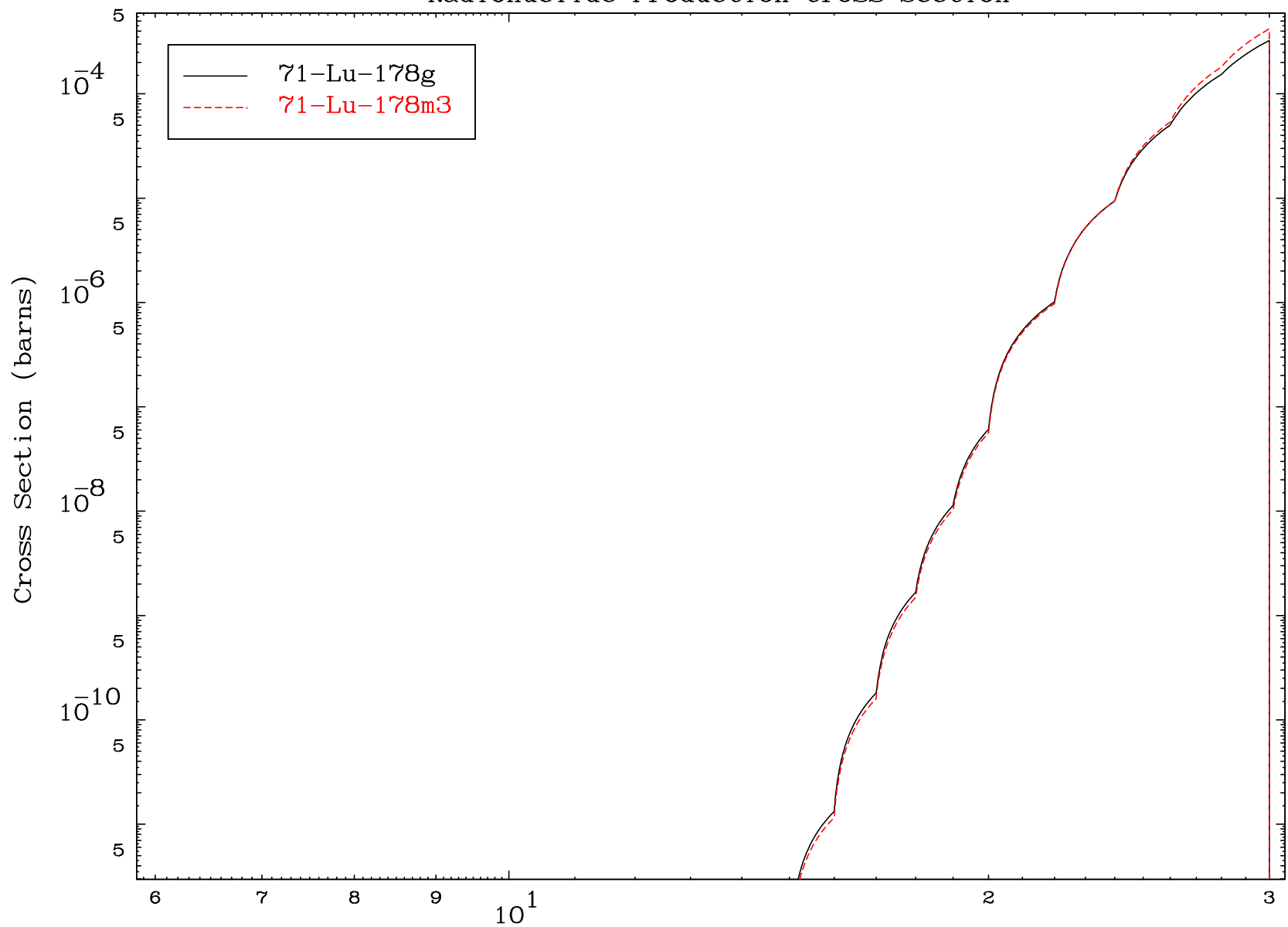
72-Hf-180

MAT 7244

(p,He-3)

72-Hf-180

Radionuclide Production Cross Section



41

Incident Energy (MeV)

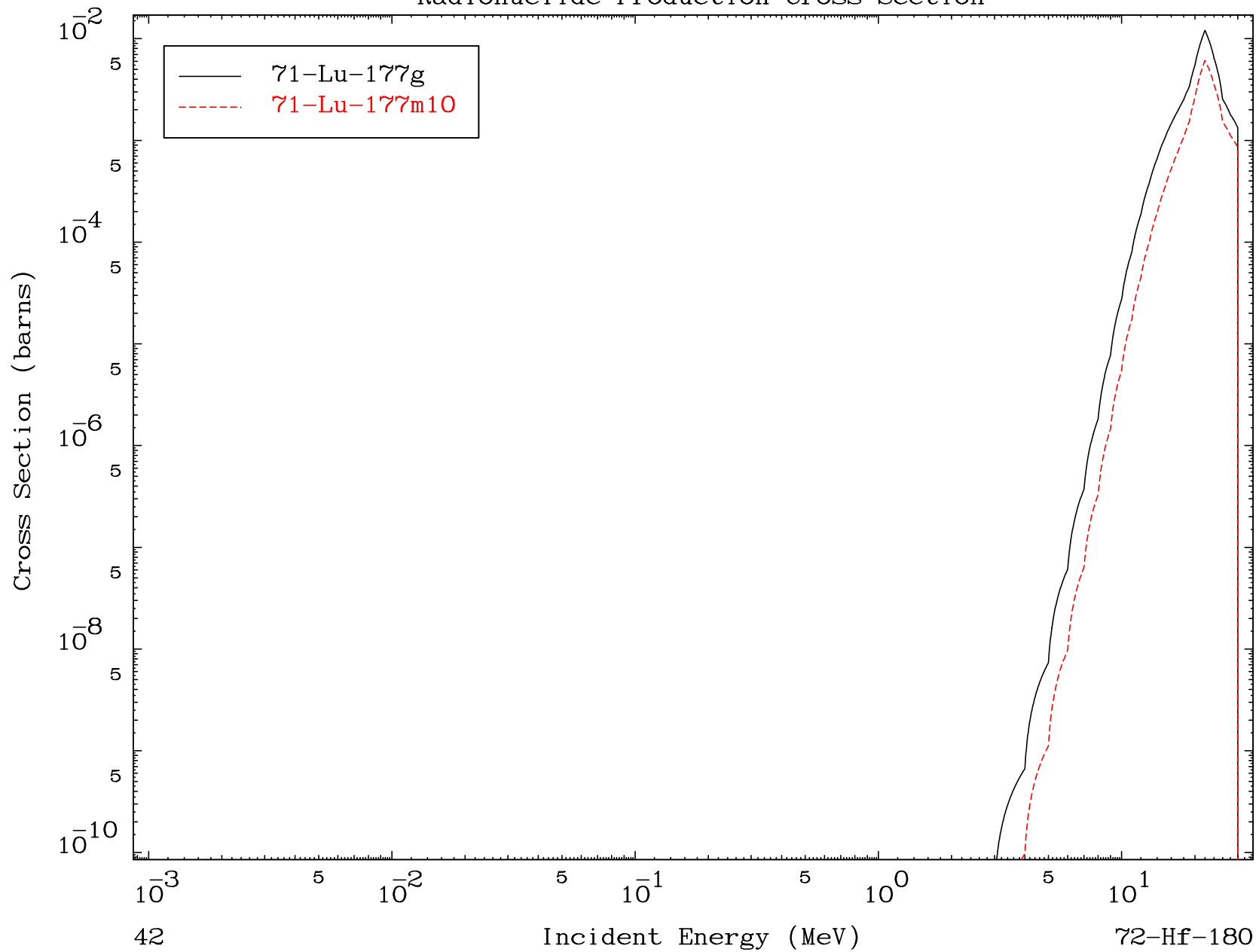
72-Hf-180

MAT 7244

(p, α)

72-Hf-180

Radionuclide Production Cross Section

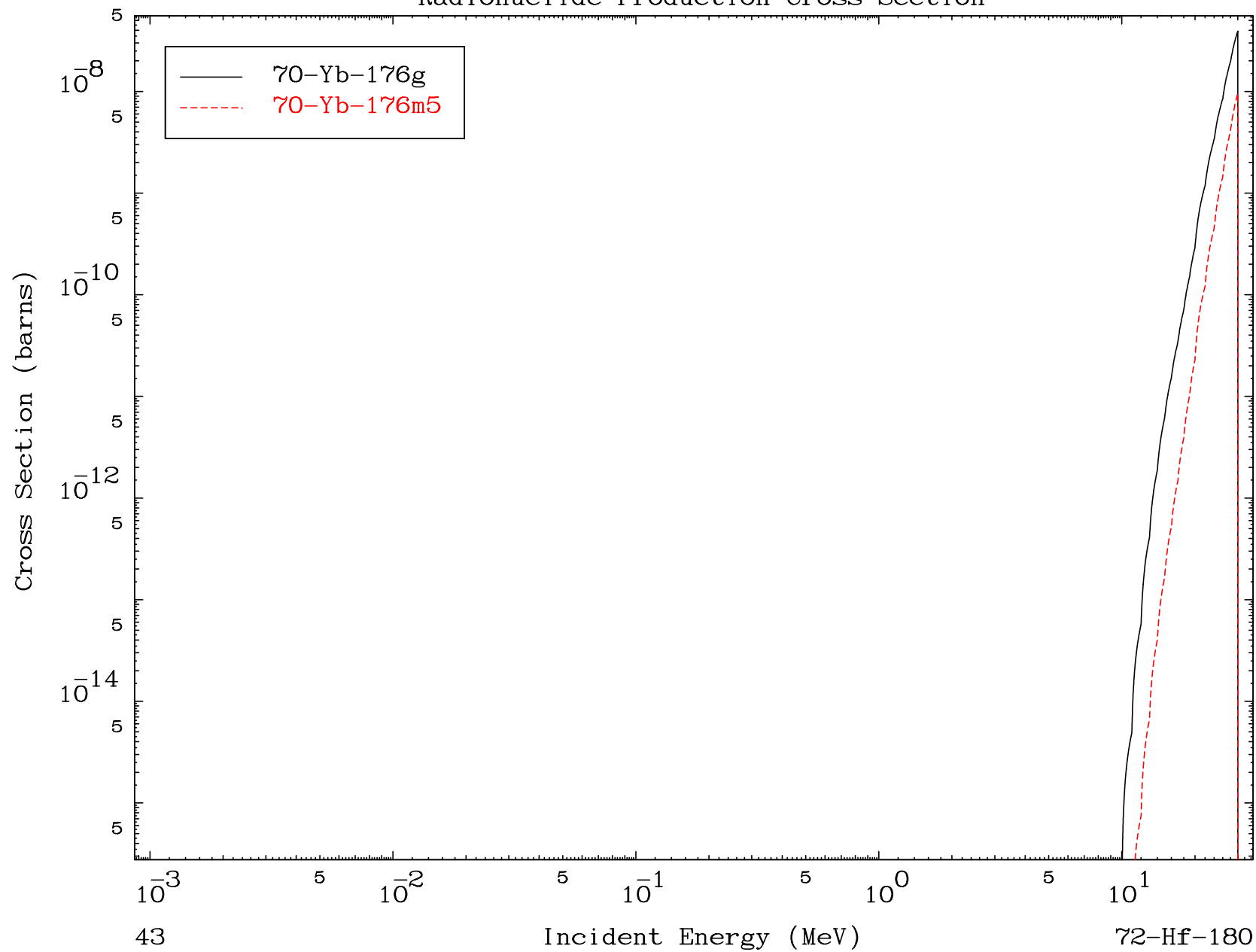


MAT 7244

(p,p) α

72-Hf-180

Radionuclide Production Cross Section

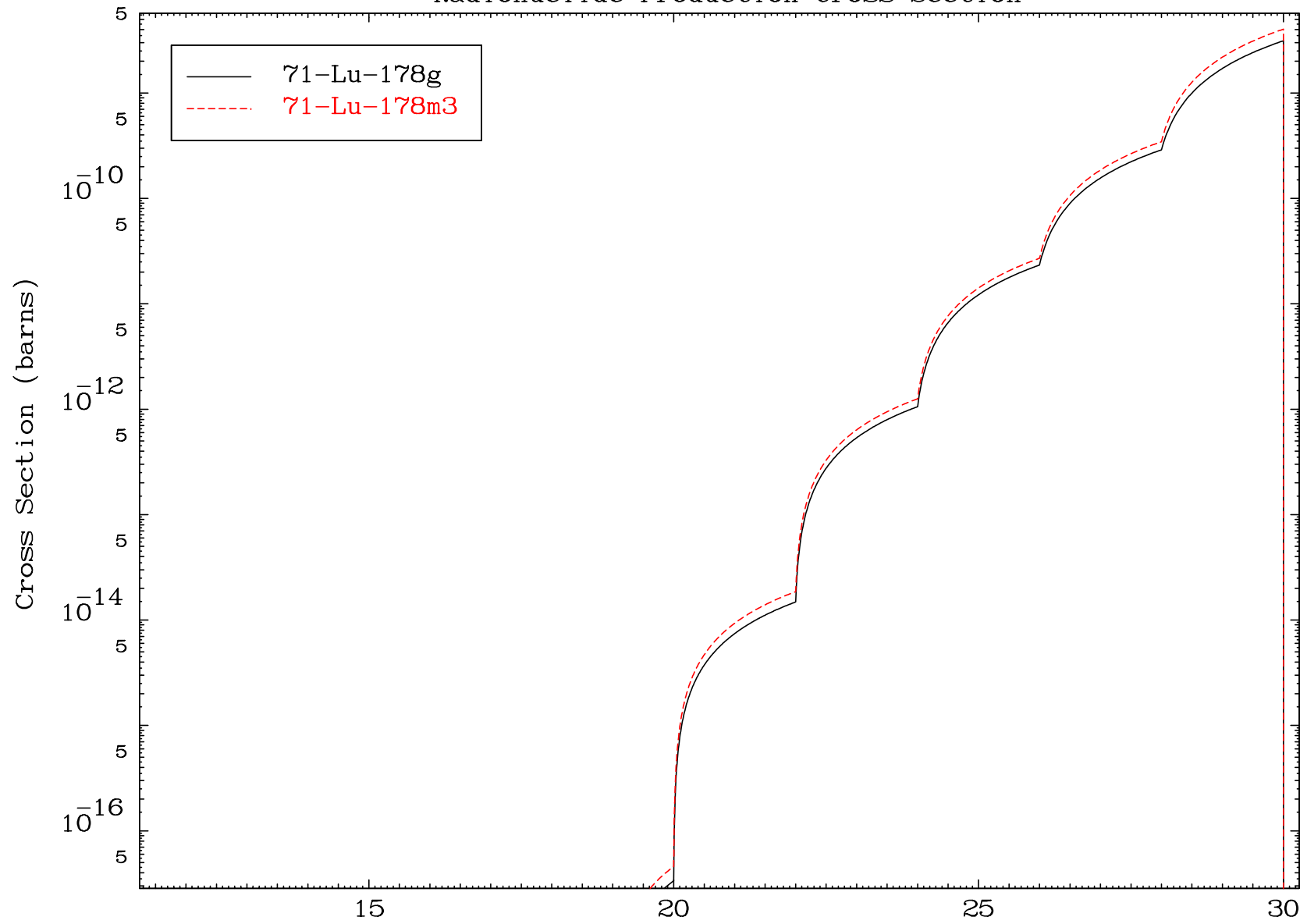


MAT 7244

(p,p) d

72-Hf-180

Radionuclide Production Cross Section



44

Incident Energy (MeV)

72-Hf-180